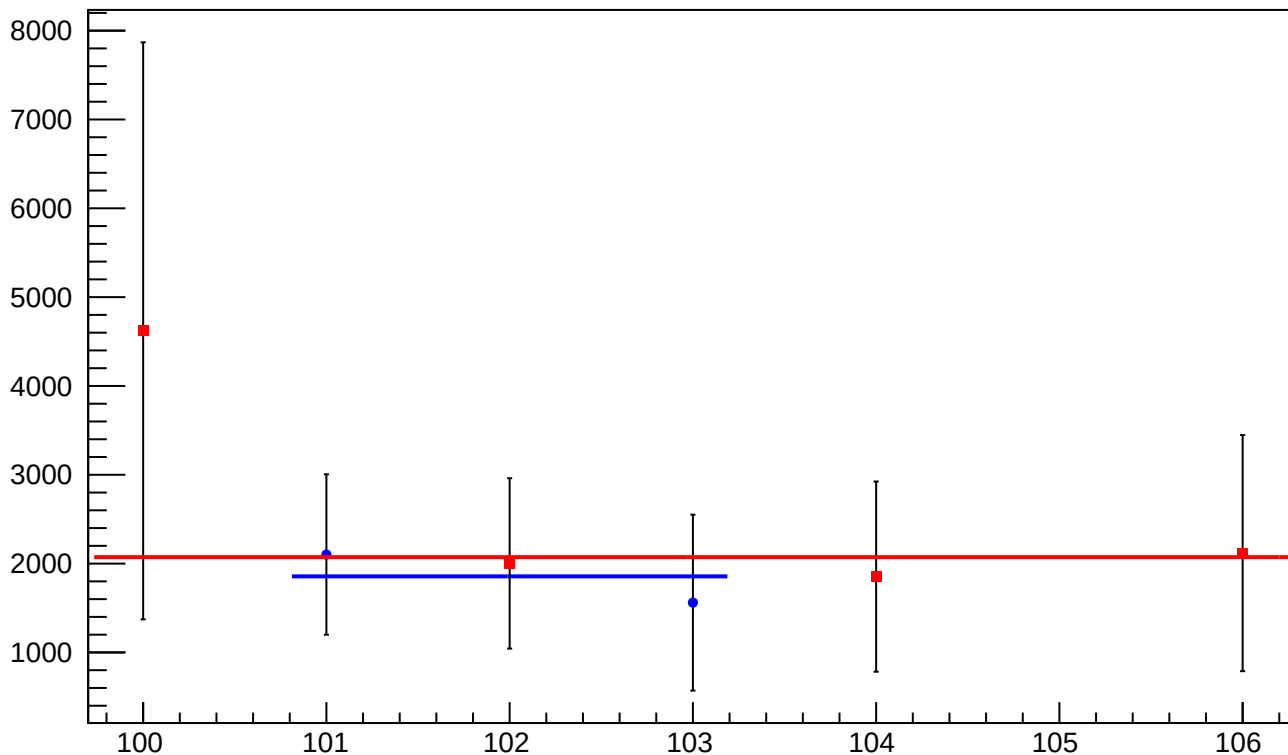


reg_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2072.543+/-617.777 χ^2/NDF : 0.7/3

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

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1972.716+/-453.312

χ^2/NDF : 0.9/5

In: 1856.266+/-667.235

χ^2/NDF : 0.2/1

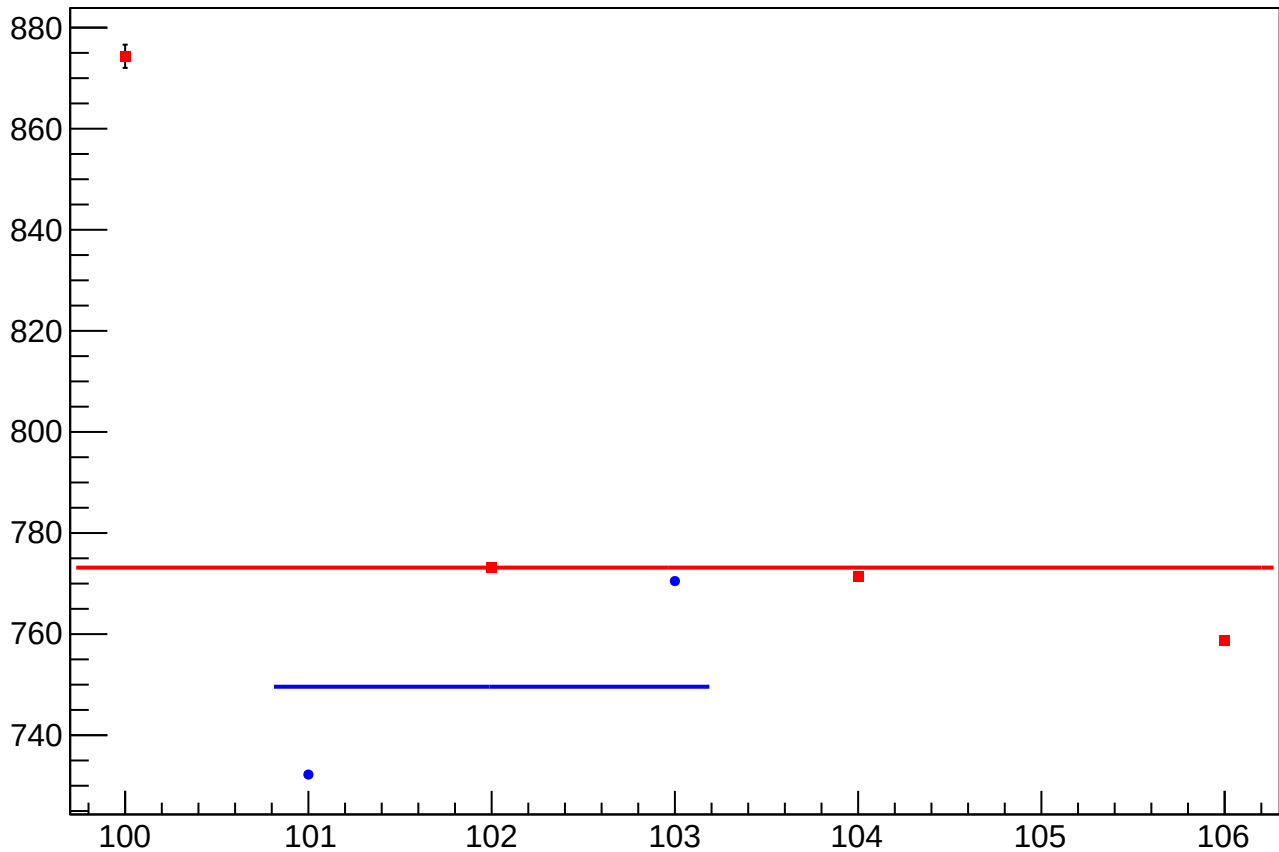
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1972.716+/-453.312

χ^2/NDF : 0.9/5

reg_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 773.159 $\pm$ 0.437 χ^2 /NDF: 2177.9/3

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

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

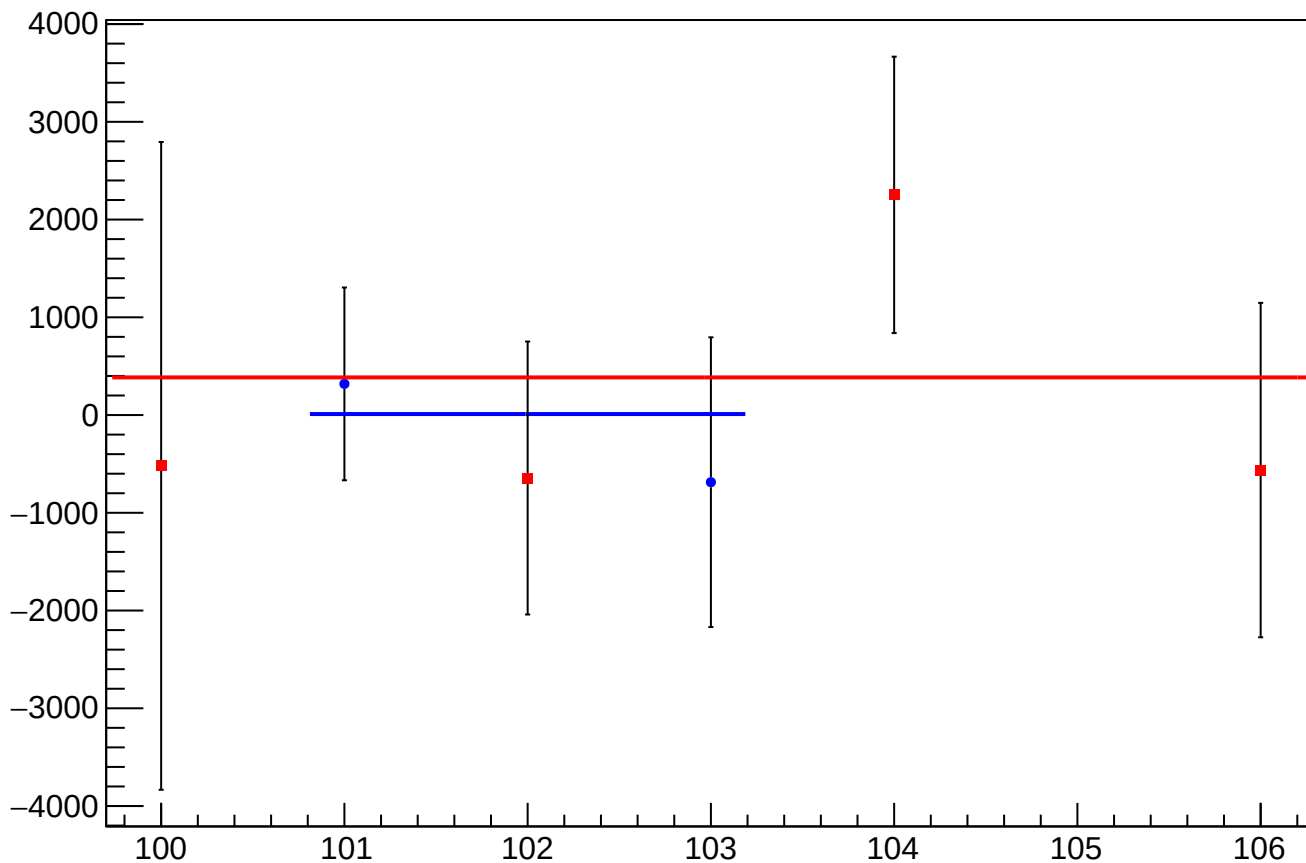
Right: 762.281 $\pm$ 0.321 χ^2 /NDF: 5153.7/5

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

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

All: 762.281 $\pm$ 0.321 χ^2 /NDF: 5153.7/5

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 385.127+/-831.626 χ^2/NDF : 2.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

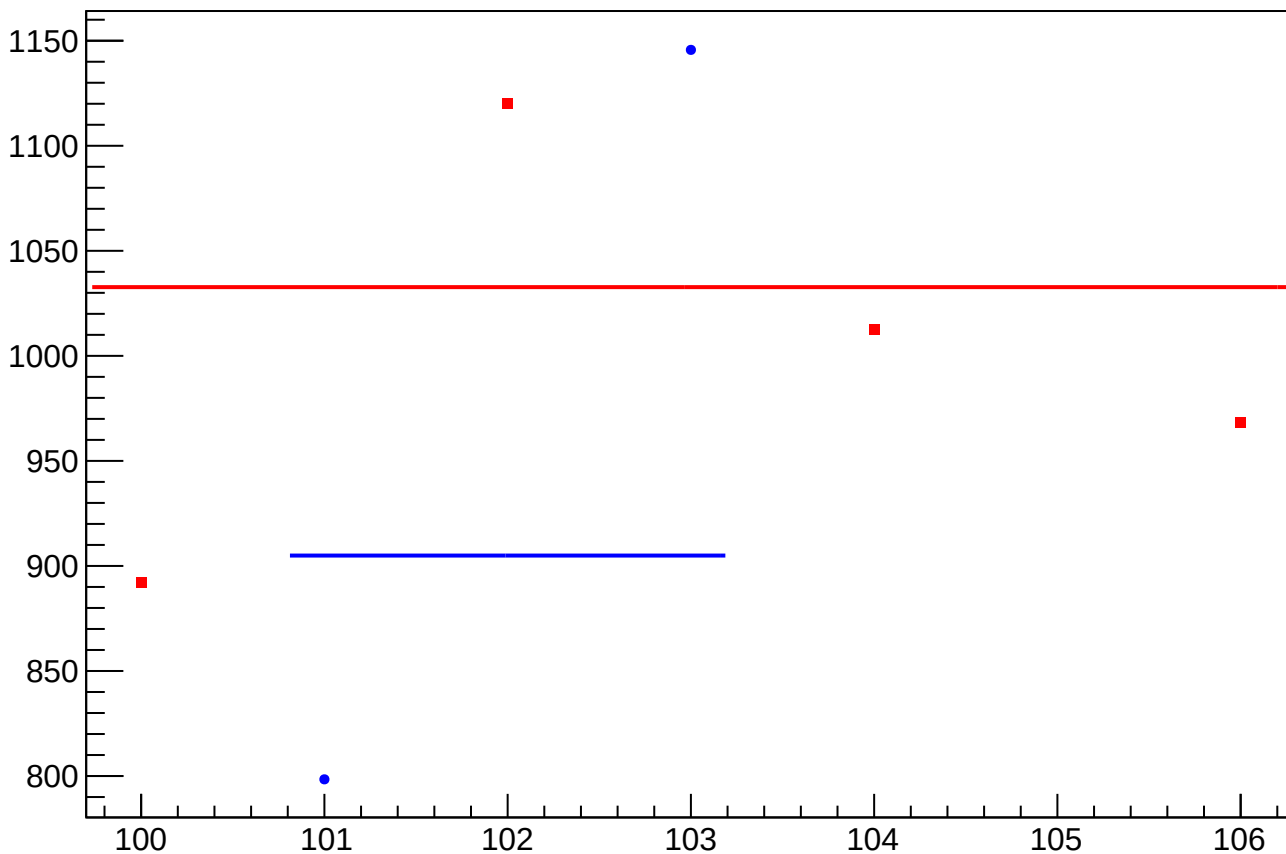
Right: 195.308+/-584.236 χ^2/NDF : 3.1/5

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.308+/-584.236 χ^2/NDF : 3.1/5

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 904.943 $\pm$ 0.580 χ^2 /NDF: 76086.5/1

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

Right Out: 1032.717 $\pm$ 0.588 χ^2 /NDF: 14694.4/3

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

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

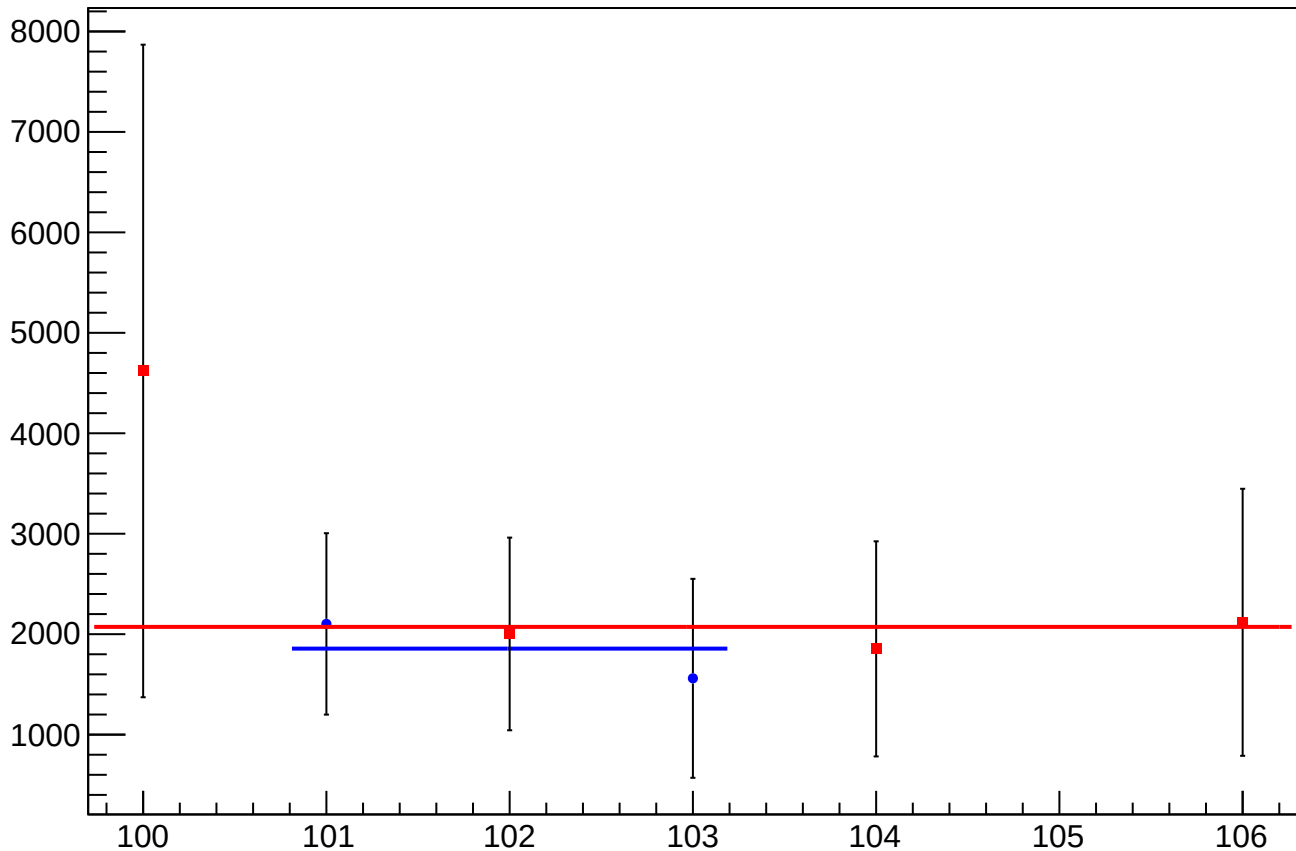
Right: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

In: 904.943 $\pm$ 0.580 χ^2 /NDF:76086.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

cor_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2072.543+/-617.777 χ^2/NDF : 0.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

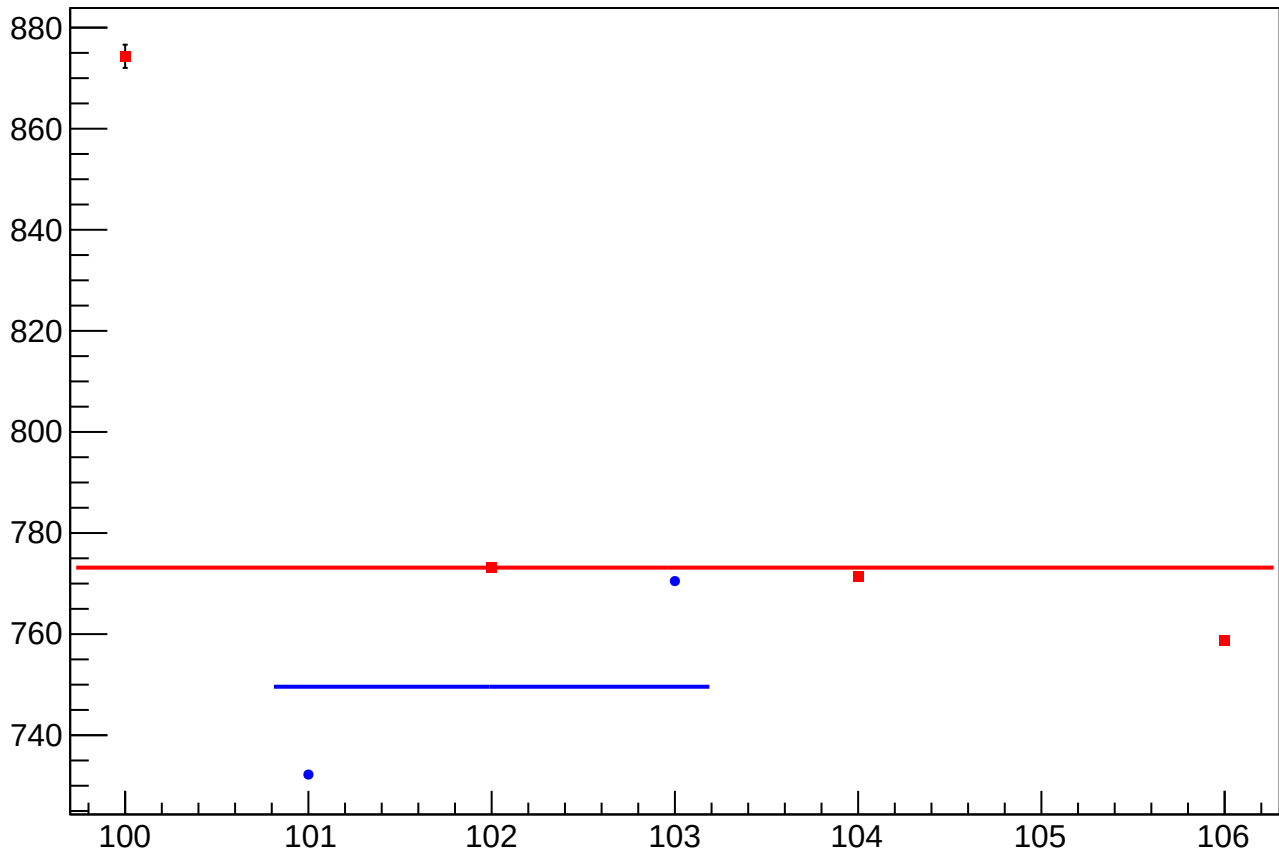
Right: 1972.716+/-453.312 χ^2/NDF : 0.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.716+/-453.312 χ^2/NDF : 0.9/5

cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 773.159 ± 0.437 $\chi^2/\text{NDF}: 2177.9/3$

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

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

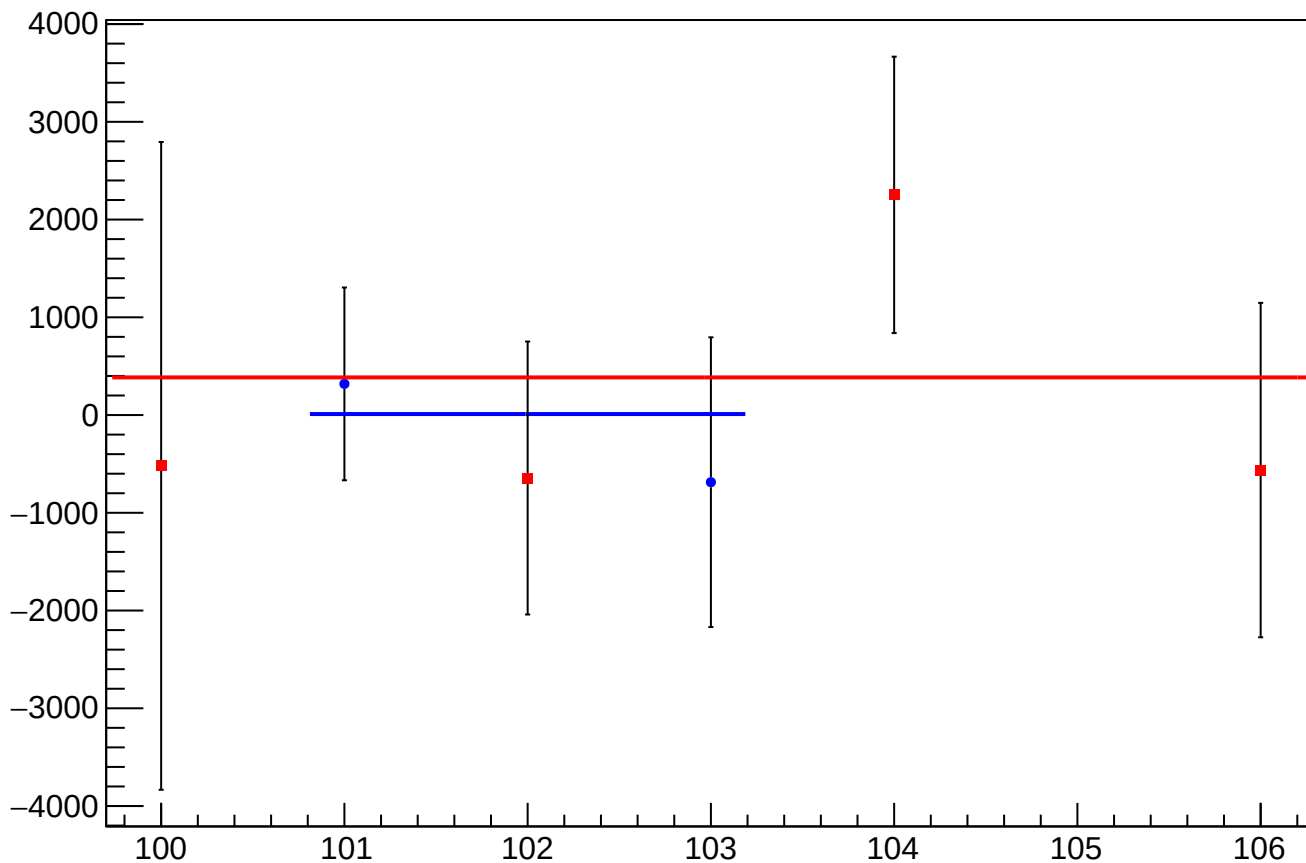
Right: 762.281 ± 0.321 $\chi^2/\text{NDF}: 5153.7/5$

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

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

All: 762.281 ± 0.321 $\chi^2/\text{NDF}: 5153.7/5$

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 385.127+/-831.626 χ^2/NDF : 2.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

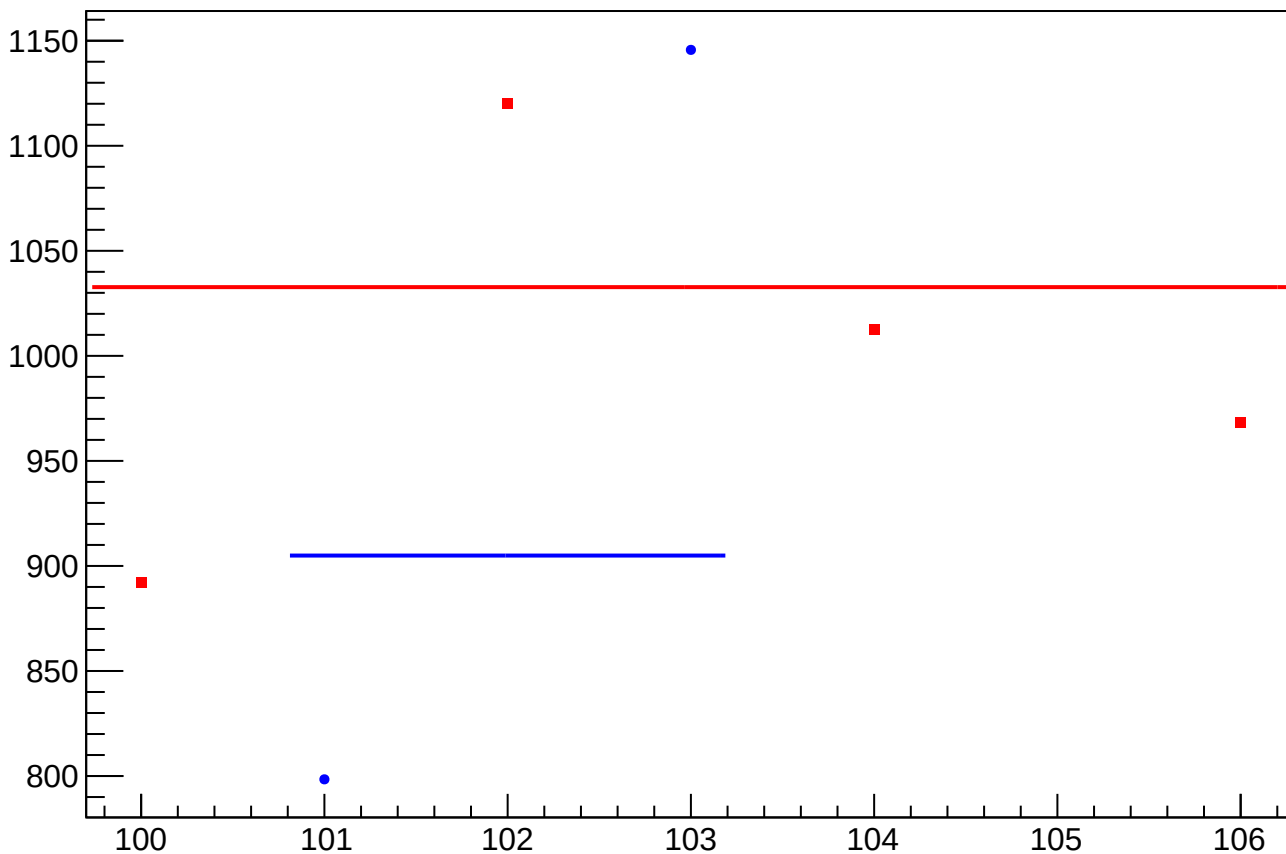
Right: 195.308+/-584.236 χ^2/NDF : 3.1/5

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.308+/-584.236 χ^2/NDF : 3.1/5

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.943 $\pm$ 0.580 χ^2 /NDF: 76086.5/1

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

Right Out: 1032.717 $\pm$ 0.588 χ^2 /NDF: 14694.4/3

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

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

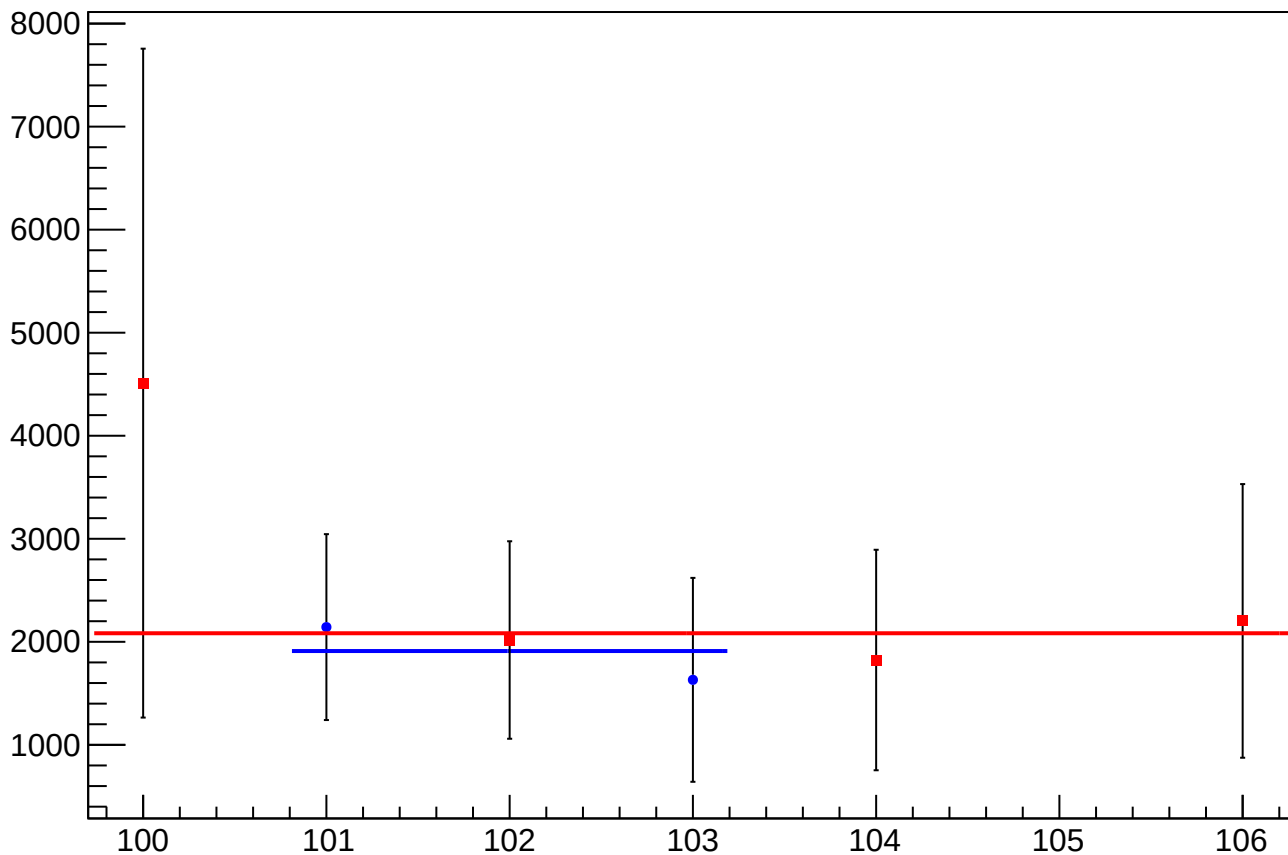
Right: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

In: 904.943 $\pm$ 0.580 χ^2 /NDF:76086.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2083.110+/-617.299 χ^2/NDF : 0.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

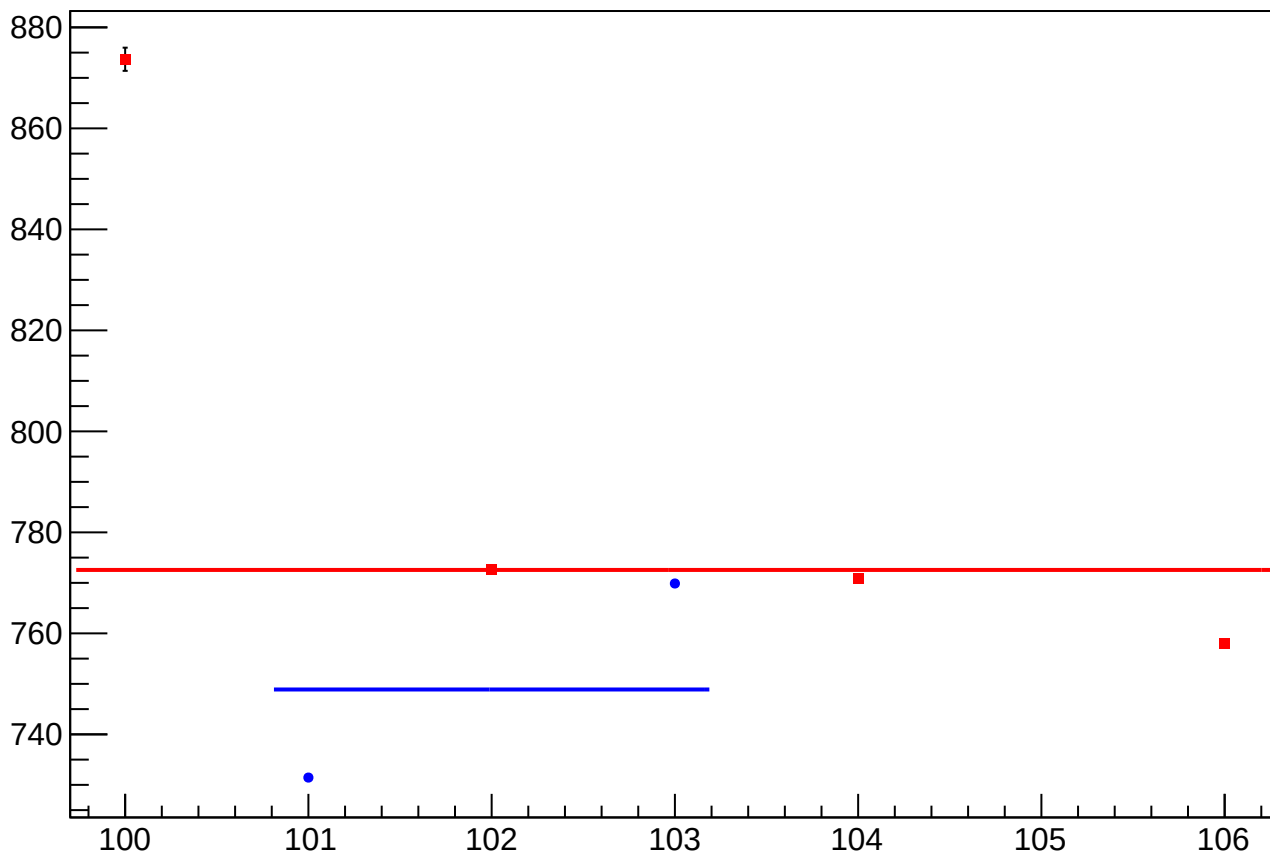
Right: 2003.435+/-452.926 χ^2/NDF : 0.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2003.435+/-452.926 χ^2/NDF : 0.8/5

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 772.560 $\pm$ 0.436 χ^2 /NDF: 2183.8/3

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

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

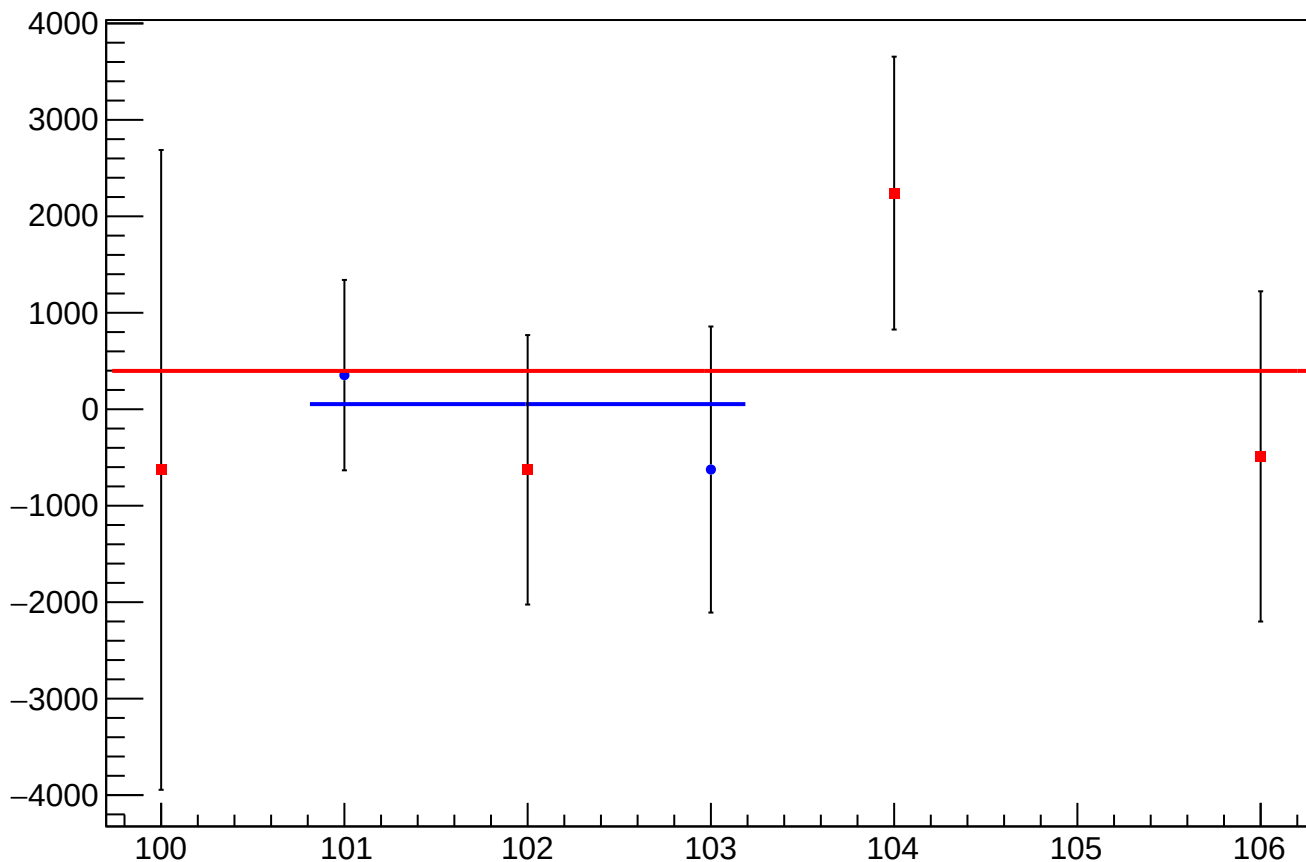
Right: 761.631 $\pm$ 0.320 χ^2 /NDF: 5189.6/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 761.631 $\pm$ 0.320 χ^2 /NDF: 5189.6/5

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 397.418+/-832.002 χ^2/NDF : 2.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

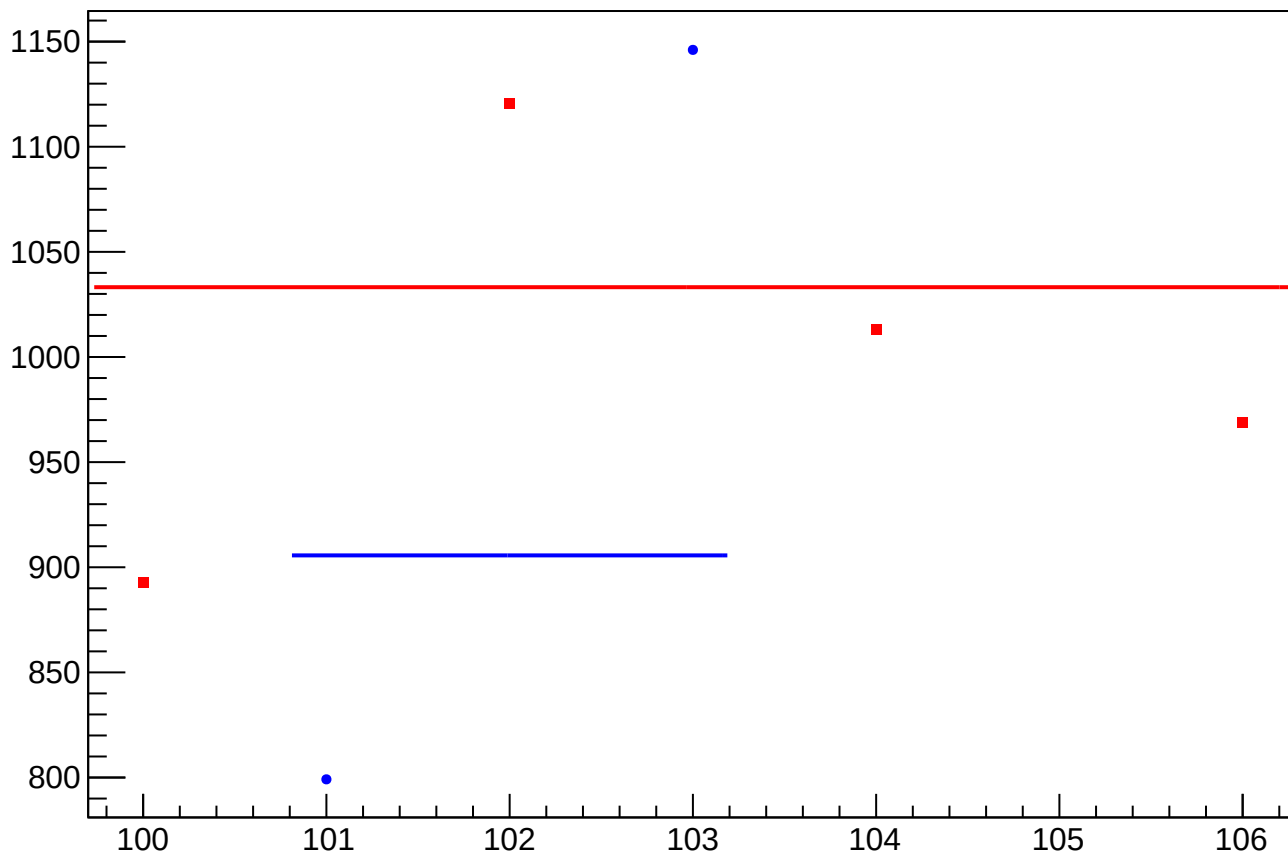
Right: 223.163+/-584.582 χ^2/NDF : 3.0/5

In: 53.261+/-821.544 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.163+/-584.582 χ^2/NDF : 3.0/5

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1033.198+/-0.588 χ^2/NDF : 14649.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

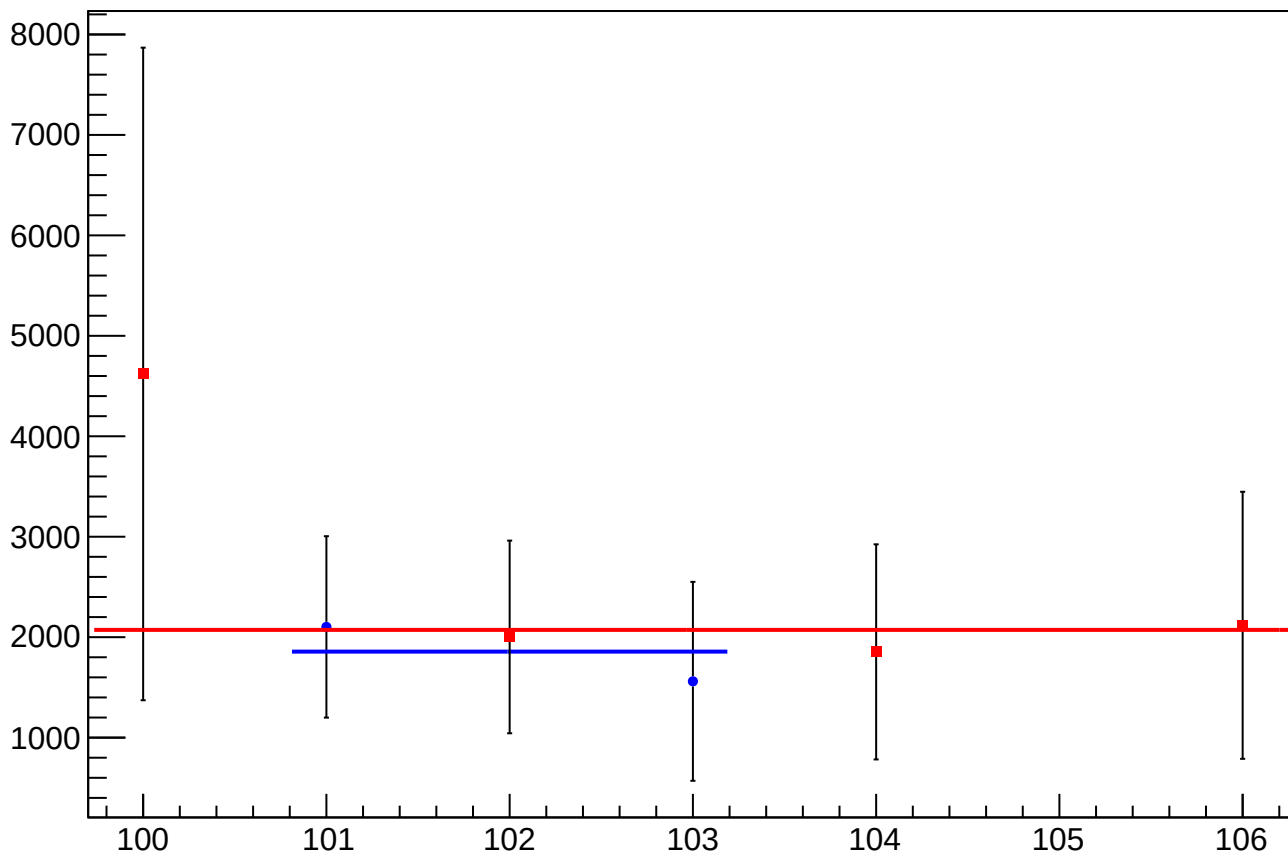
Right: 968.615+/-0.413 χ^2/NDF : 114324.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.615+/-0.413 χ^2/NDF : 114324.8/5

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2072.543+/-617.777 χ^2/NDF : 0.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

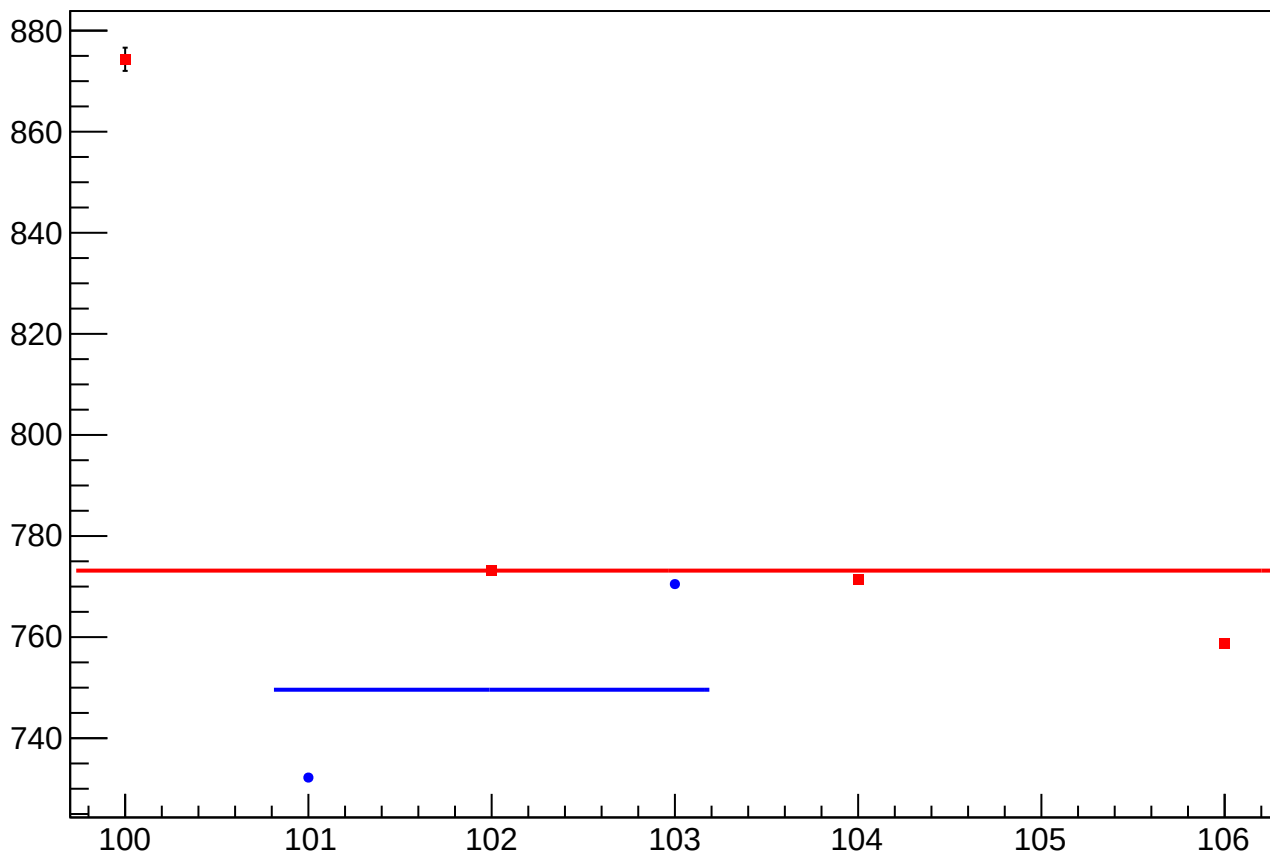
Right: 1972.716+/-453.312 χ^2/NDF : 0.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.716+/-453.312 χ^2/NDF : 0.9/5

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 773.159 $\pm$ 0.437 χ^2 /NDF: 2177.9/3

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

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

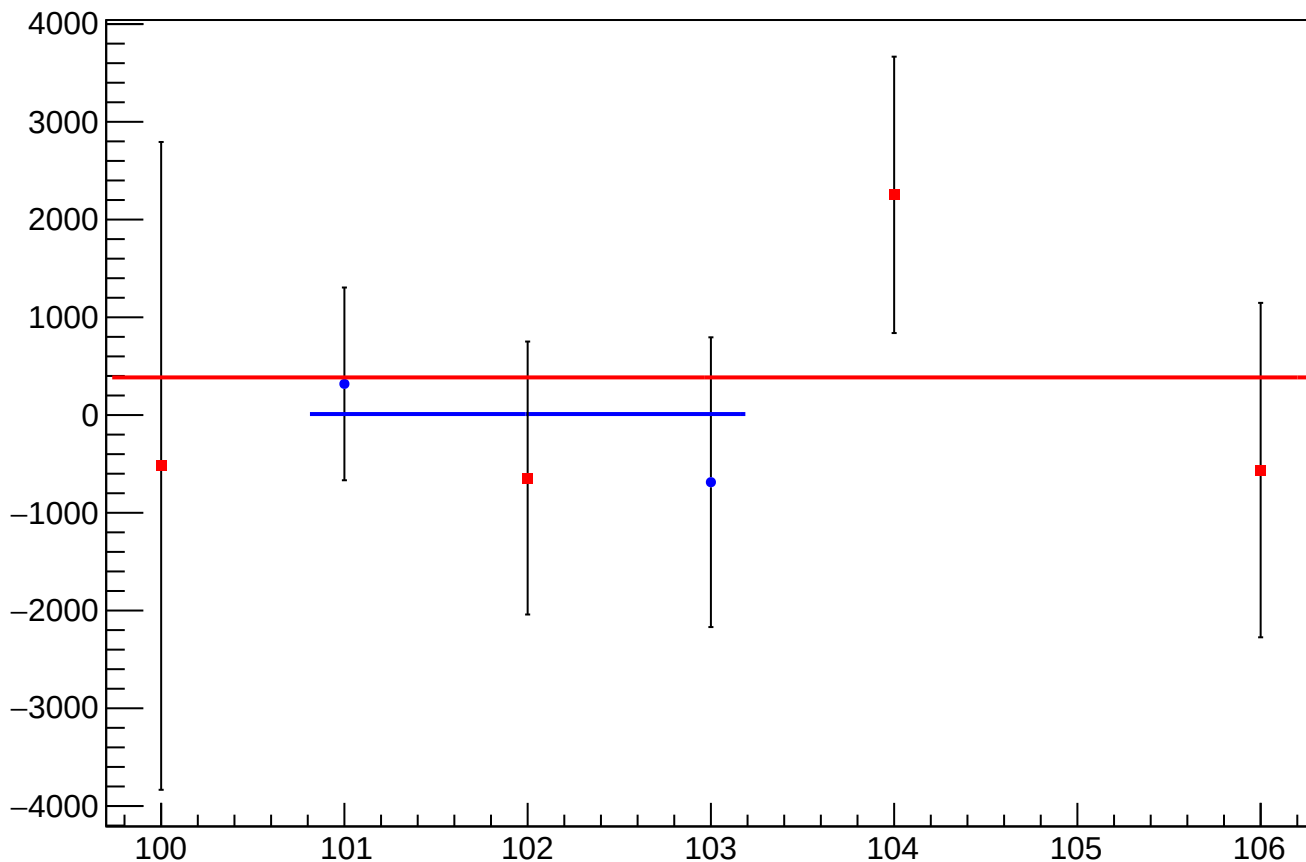
Right: 762.281 $\pm$ 0.321 χ^2 /NDF: 5153.7/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 762.281 $\pm$ 0.321 χ^2 /NDF: 5153.7/5

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 385.127+/-831.626 χ^2/NDF : 2.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

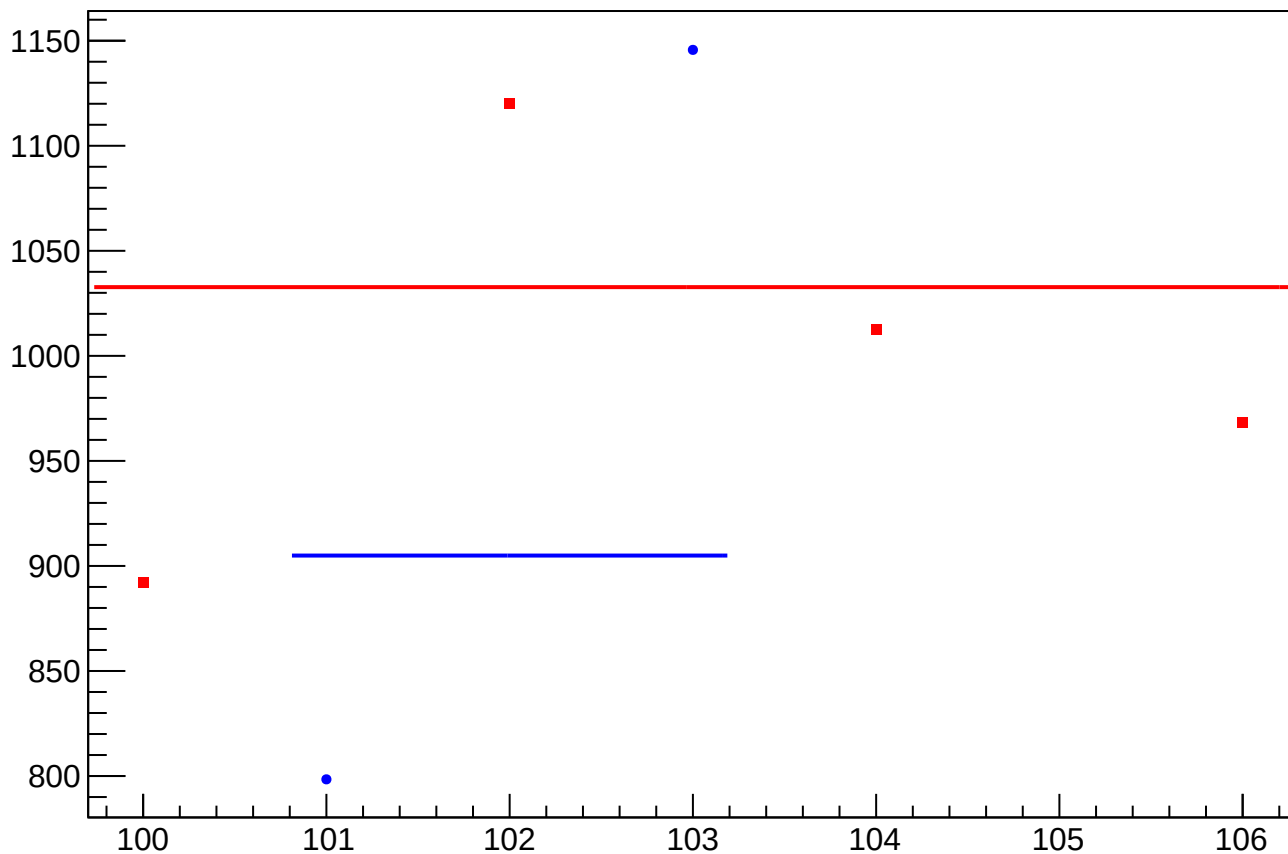
Right: 195.308+/-584.236 χ^2/NDF : 3.1/5

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.308+/-584.236 χ^2/NDF : 3.1/5

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.943 $\pm$ 0.580 χ^2 /NDF: 76086.5/1

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

Right Out: 1032.717 $\pm$ 0.588 χ^2 /NDF: 14694.4/3

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

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

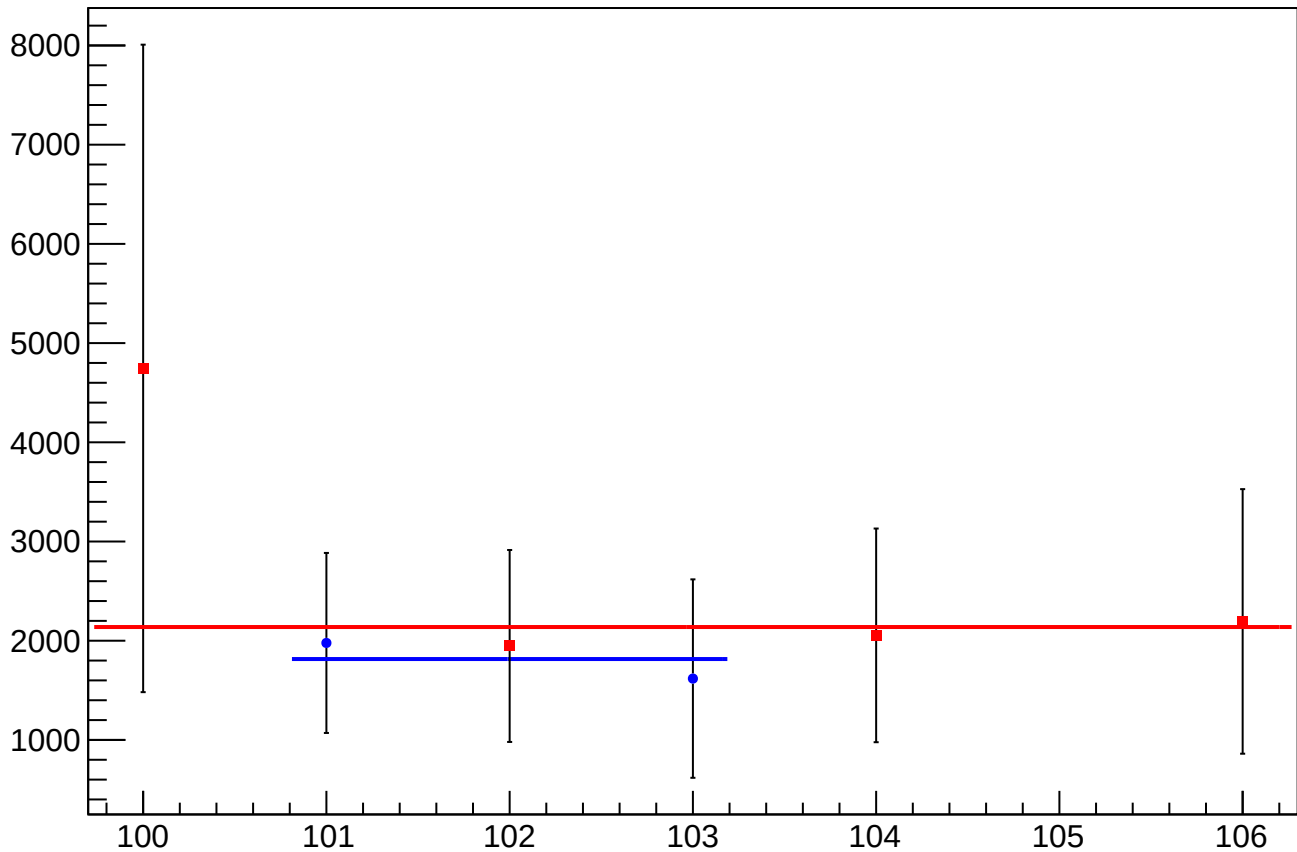
Right: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

In: 904.943 $\pm$ 0.580 χ^2 /NDF:76086.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.004 $\pm$ 0.413 χ^2 /NDF: 114692.5/5

dit_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2138.030+/-621.745 χ^2/NDF : 0.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

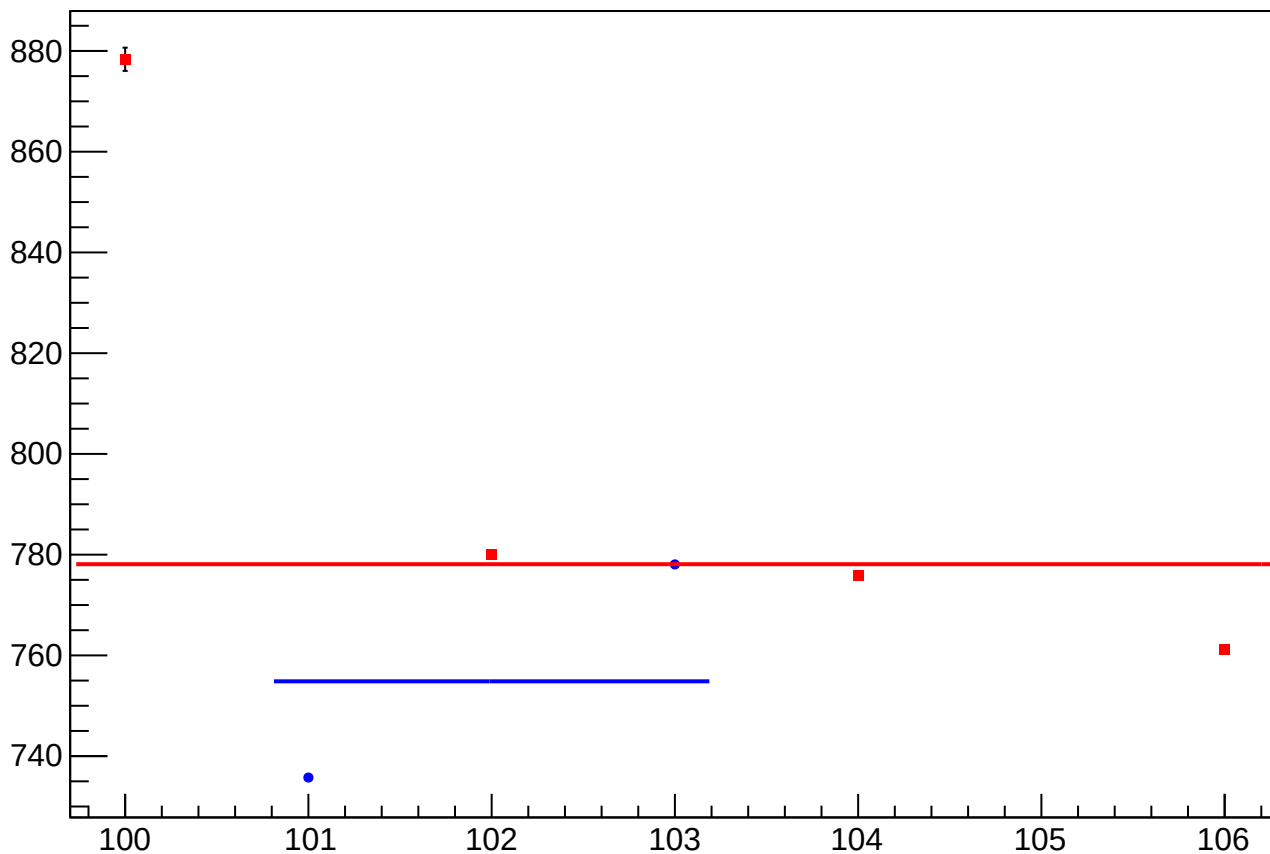
Right: 1989.207+/-456.371 χ^2/NDF : 0.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.207+/-456.371 χ^2/NDF : 0.9/5

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 778.105+/-0.440 χ^2/NDF : 2222.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

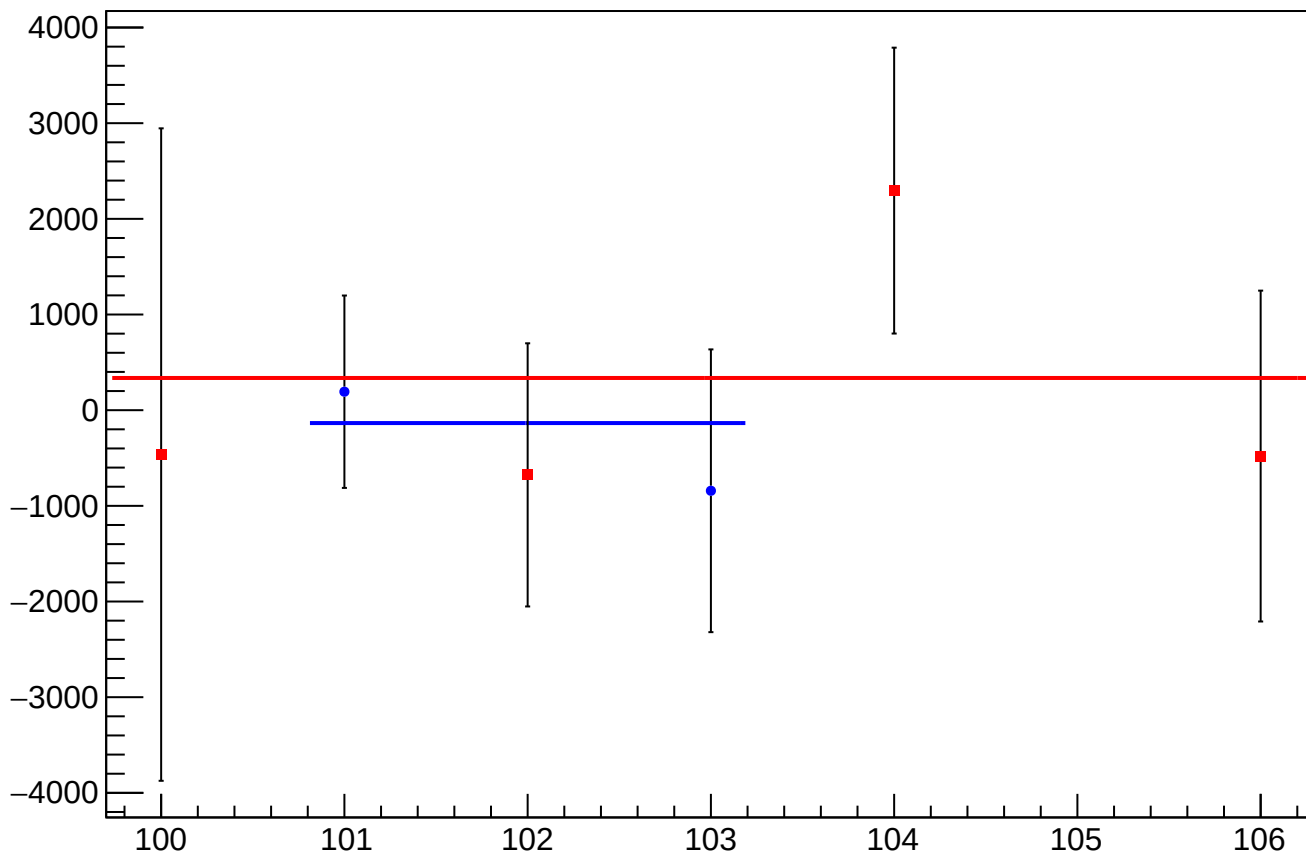
Right: 767.381+/-0.323 χ^2/NDF : 5477.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.381+/-0.323 χ^2/NDF : 5477.1/5

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.615+/-831.313 χ^2/NDF : 0.3/1

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

Right Out: 336.720+/-846.058 χ^2/NDF : 2.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

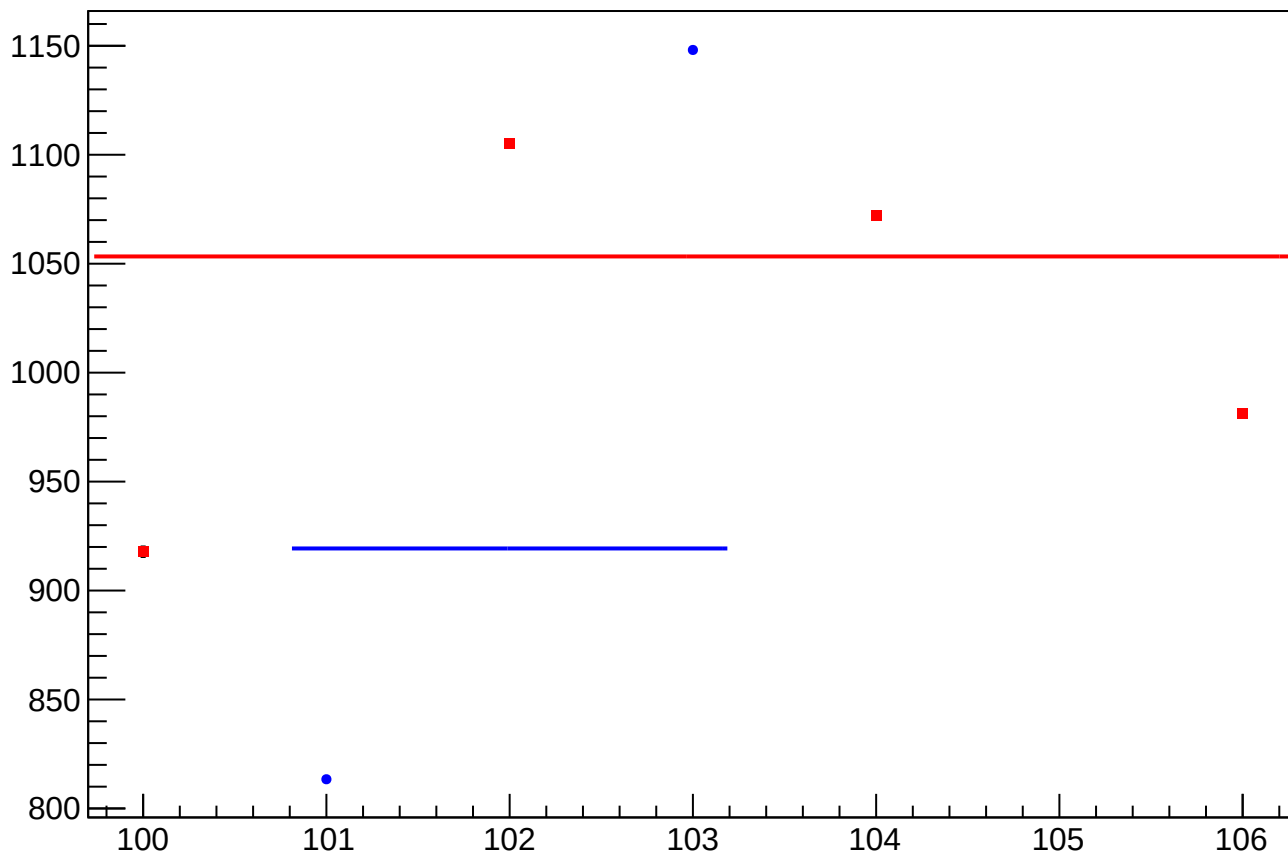
Right: 96.910+/-592.972 χ^2/NDF : 3.0/5

In: -134.615+/-831.313 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.910+/-592.972 χ^2/NDF : 3.0/5

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1053.329+/-0.598 χ^2/NDF : 9777.3/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

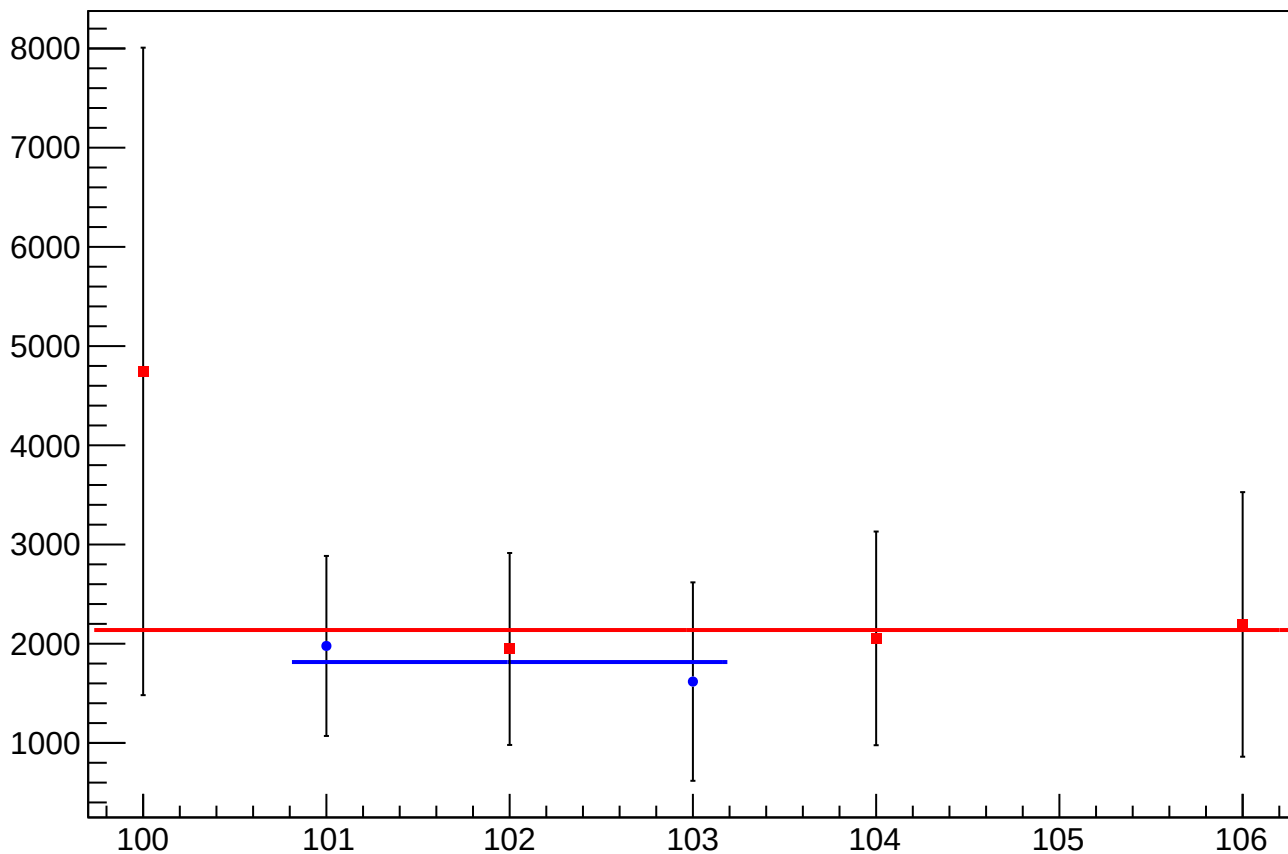
Right: 985.144+/-0.419 χ^2/NDF : 105432.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.144+/-0.419 χ^2/NDF : 105432.6/5

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 2138.026+/-621.745 χ^2/NDF : 0.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

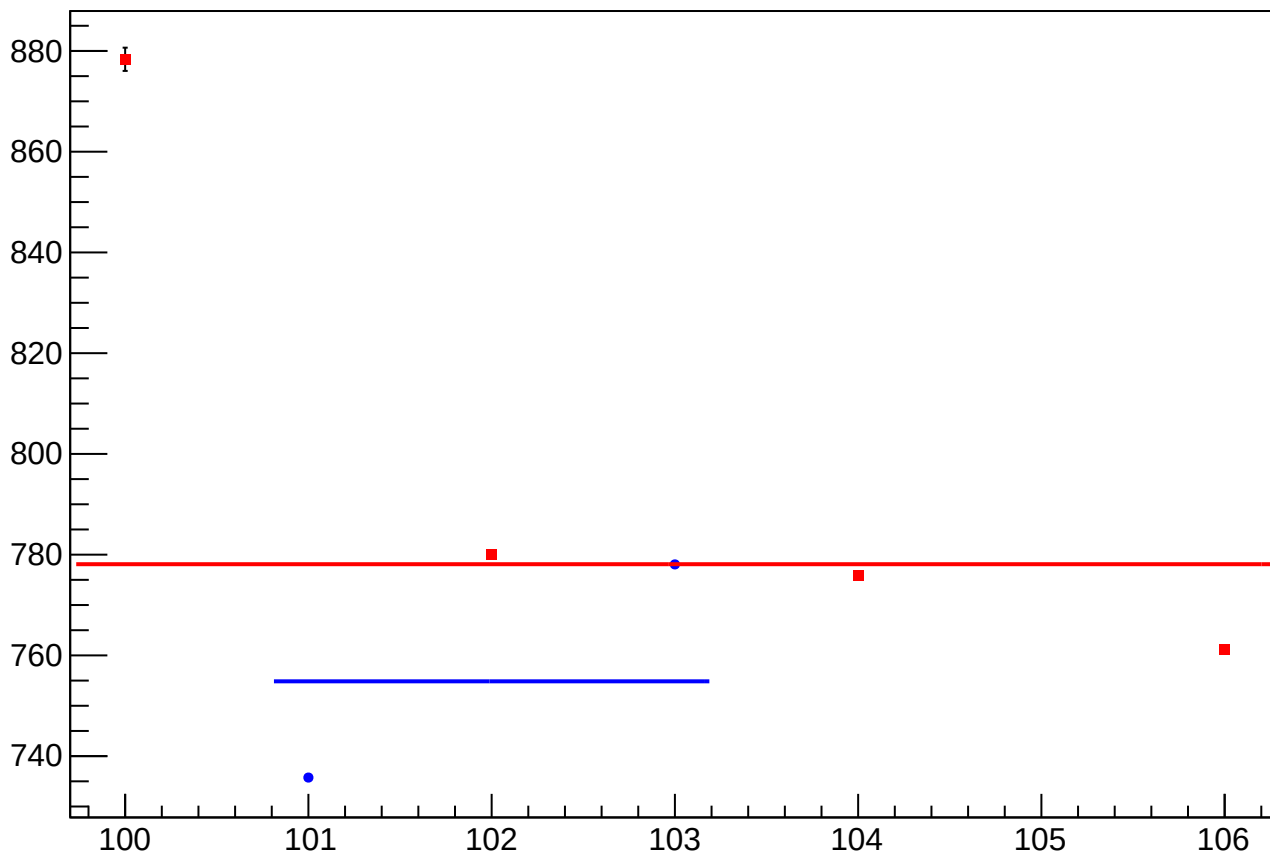
Right: 1989.204+/-456.371 χ^2/NDF : 0.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.204+/-456.371 χ^2/NDF : 0.9/5

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 778.105+/-0.440 χ^2/NDF : 2222.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

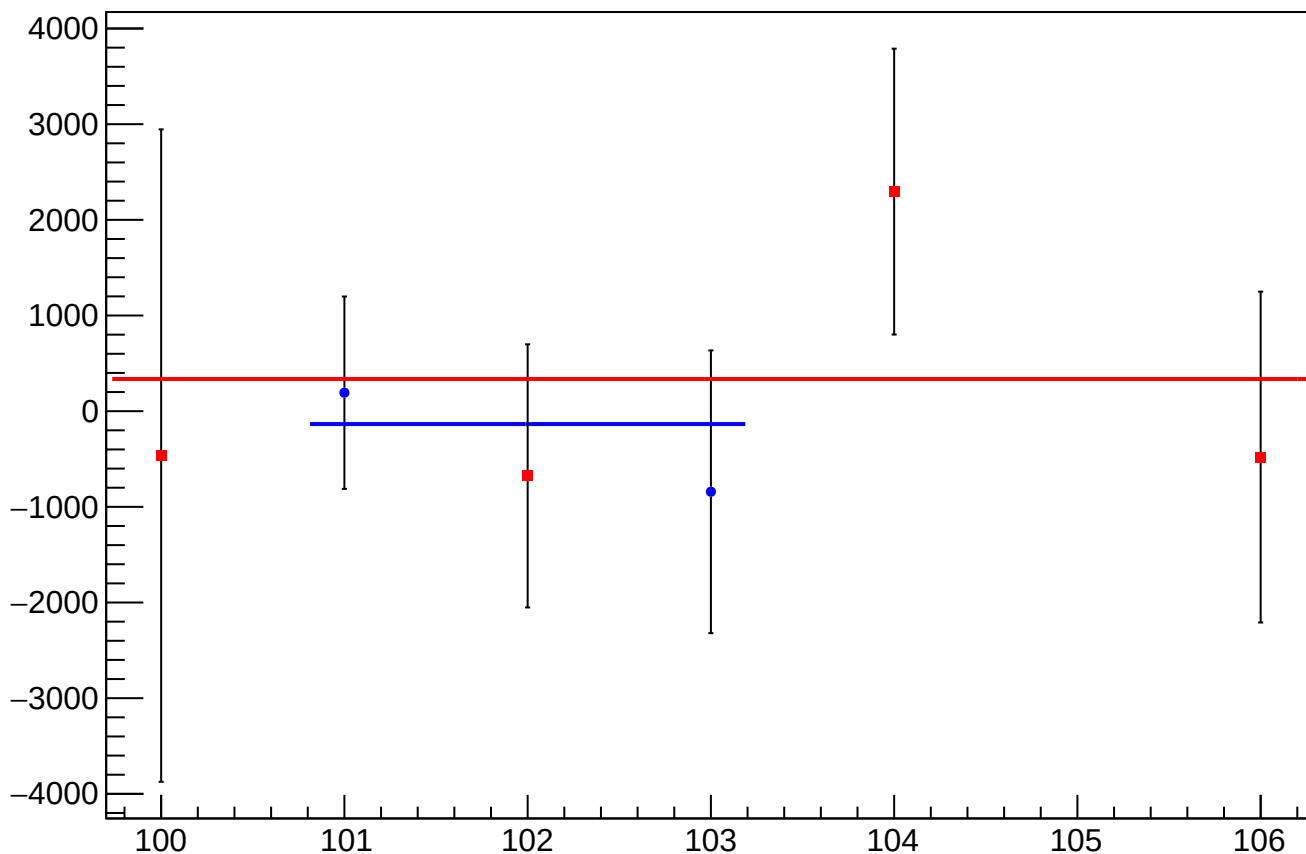
Right: 767.381+/-0.323 χ^2/NDF : 5477.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 767.381+/-0.323 χ^2/NDF : 5477.1/5

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 336.718+/-846.057 χ^2/NDF : 2.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

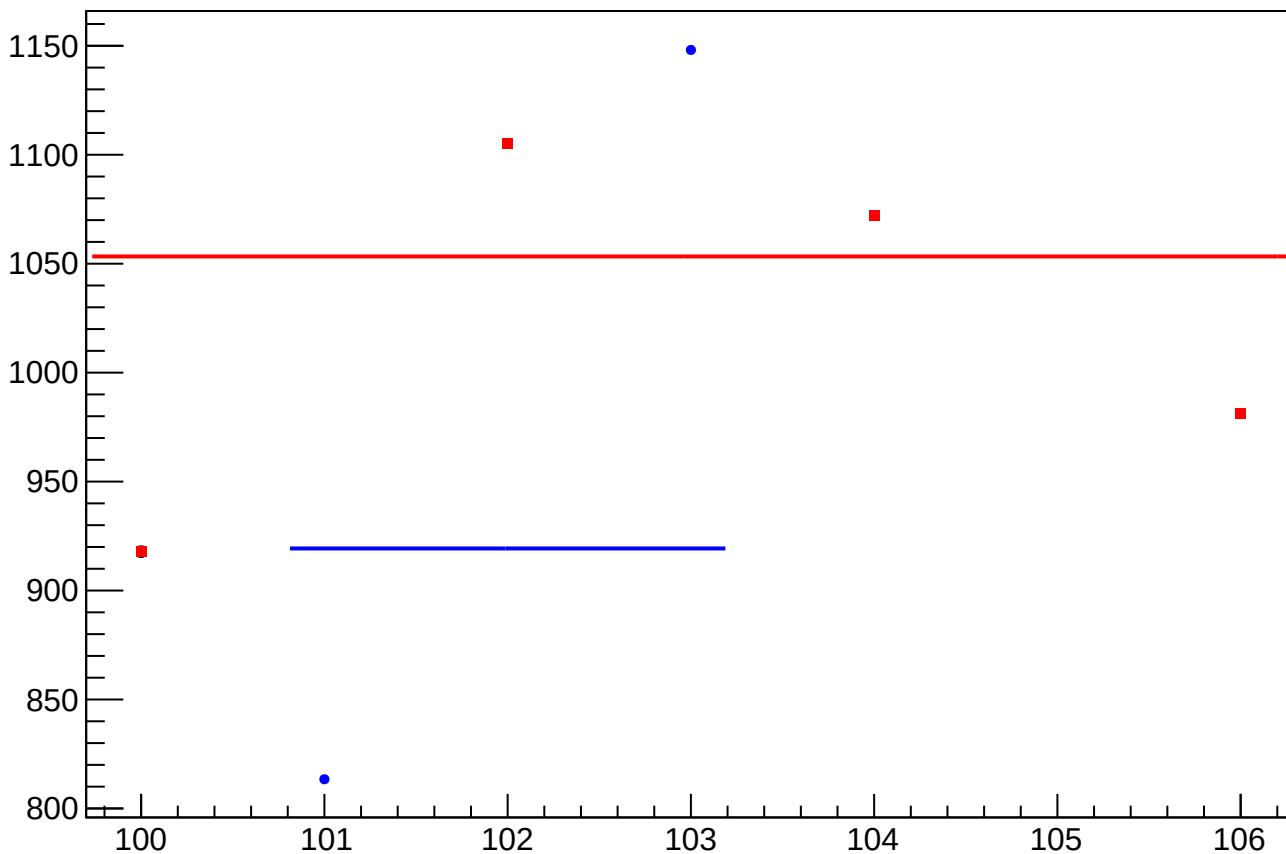
Right: 96.908+/-592.971 χ^2/NDF : 3.0/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.908+/-592.971 χ^2/NDF : 3.0/5

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1053.327+/-0.598 χ^2/NDF : 9777.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

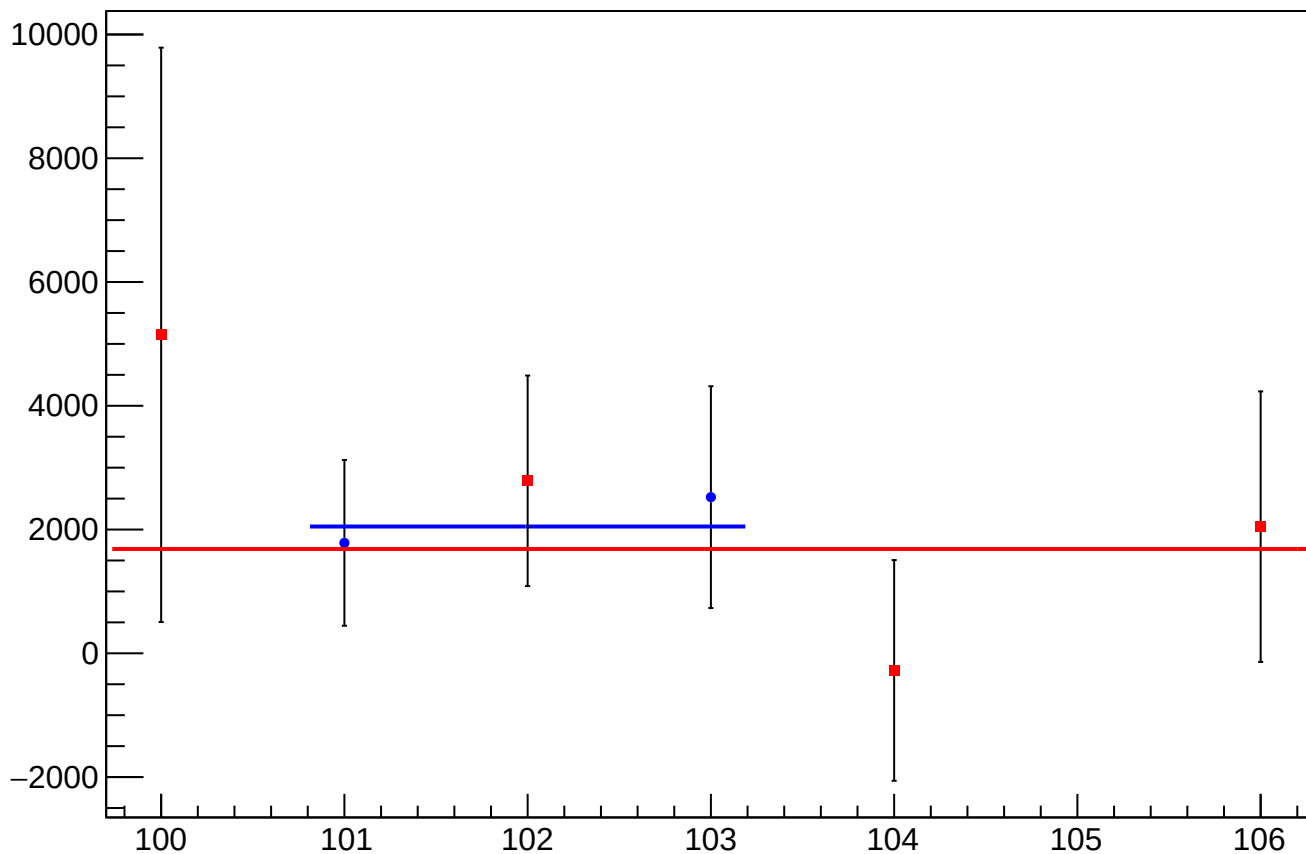
Right: 985.143+/-0.419 χ^2/NDF : 105431.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.143+/-0.419 χ^2/NDF : 105431.6/5

asym_us_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 1685.987+/-1045.042 χ^2/NDF : 2.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

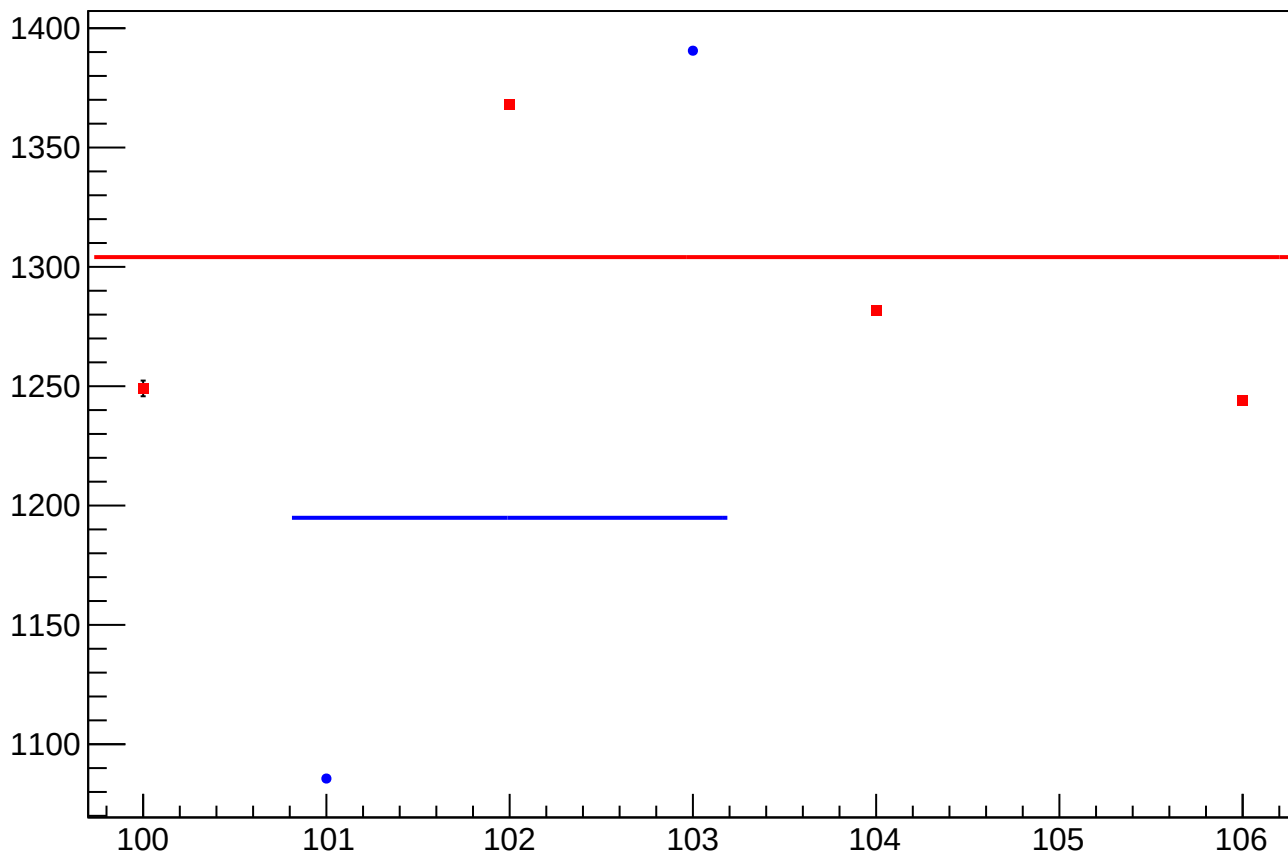
Right: 1862.802+/-748.608 χ^2/NDF : 2.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.802+/-748.608 χ^2/NDF : 2.4/5

asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1304.094+/-0.739 χ^2/NDF : 4943.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

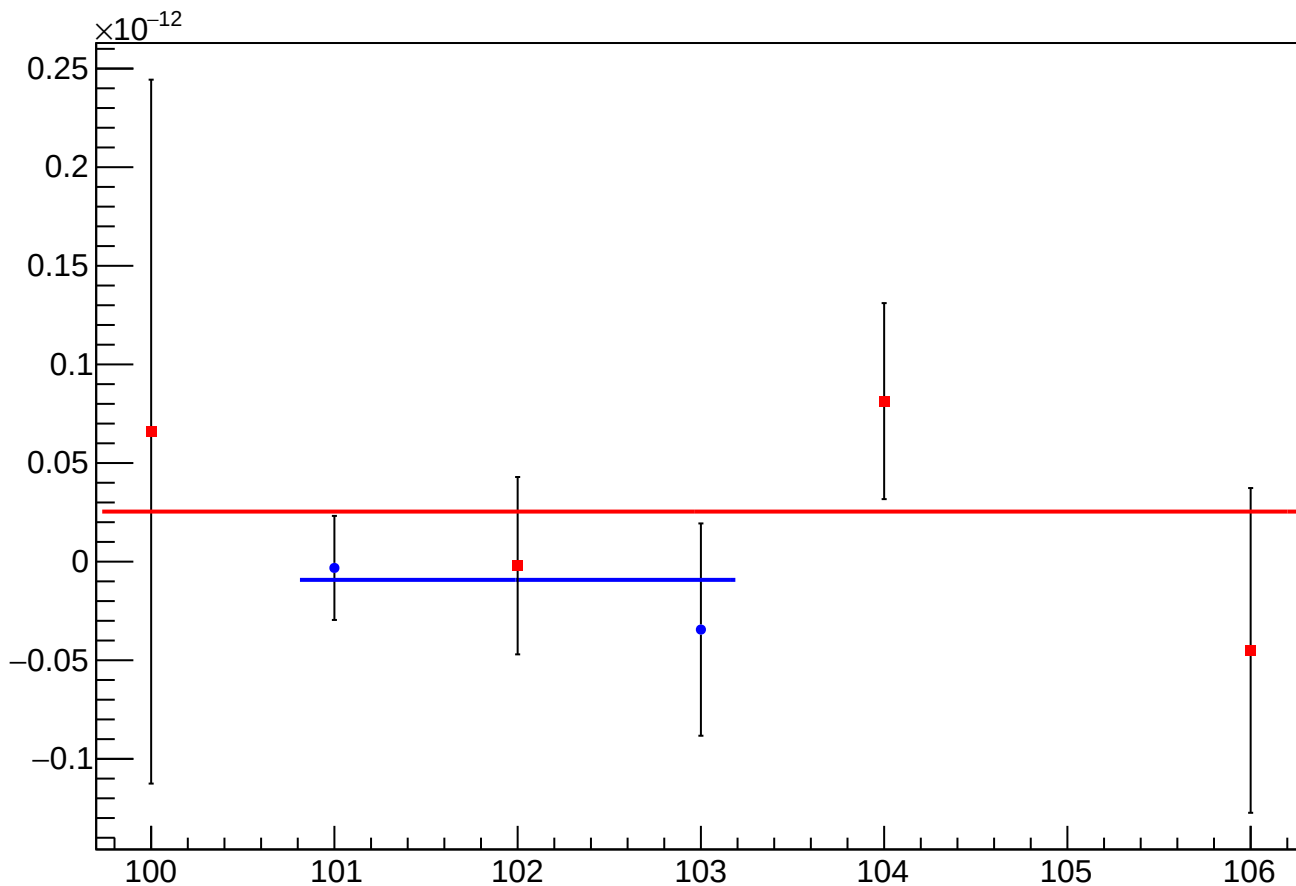
Right: 1250.919+/-0.529 χ^2/NDF : 52726.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.919+/-0.529 χ^2/NDF : 52726.7/5

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

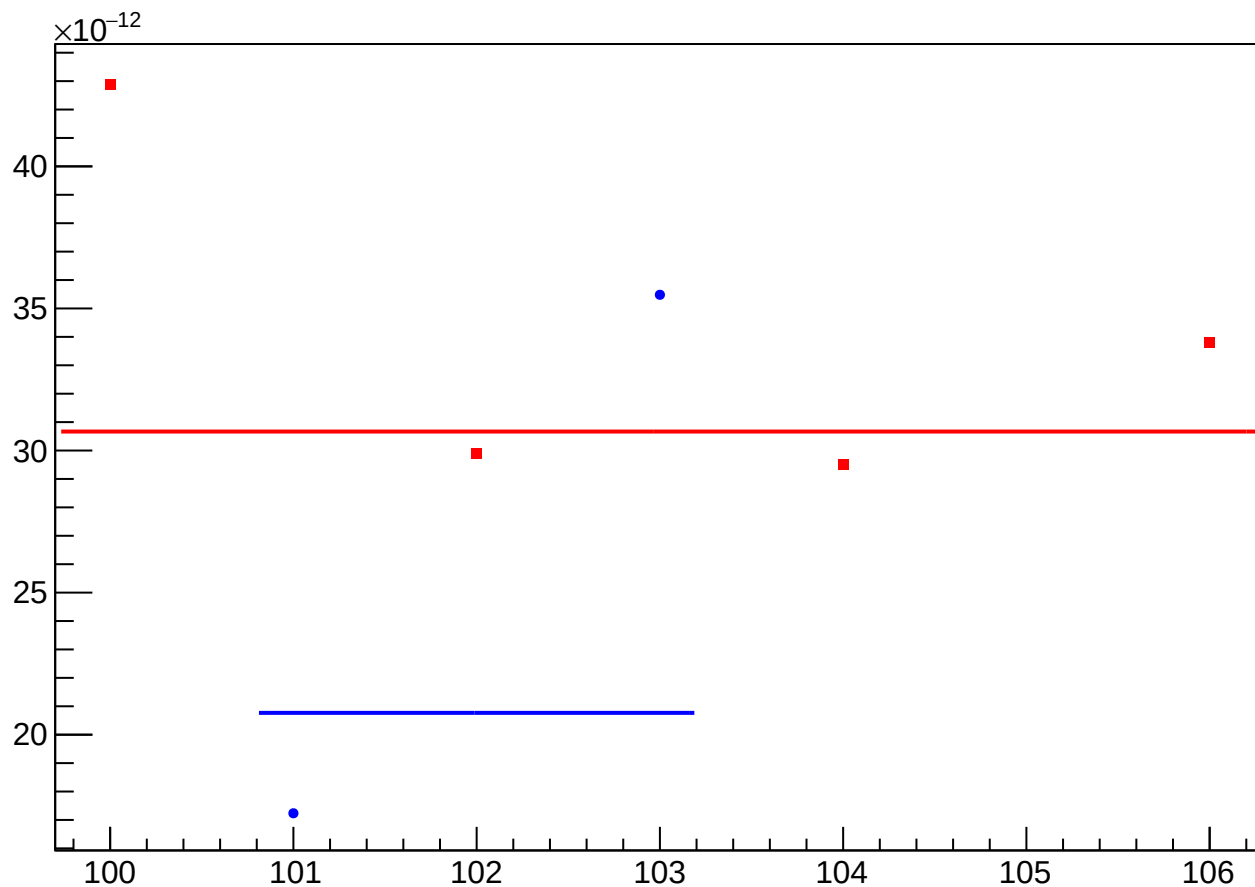
Right: 0.000+/-0.000 χ^2/NDF : 3.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.5/5

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13944.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

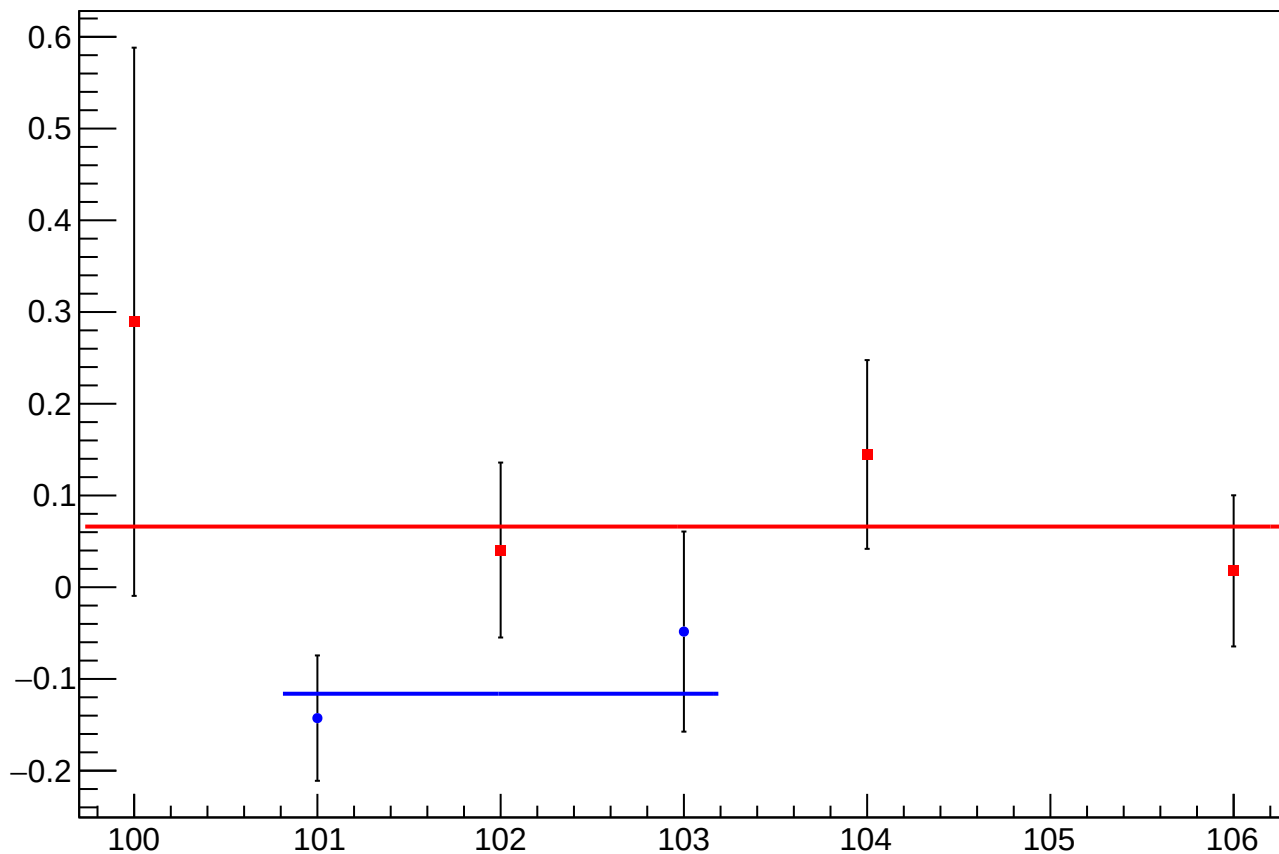
Right: 0.000+/-0.000 χ^2/NDF : 330976.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 330976.7/5

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116+/-0.058 χ^2/NDF : 0.5/1

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

Right Out: 0.066+/-0.052 χ^2/NDF : 1.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

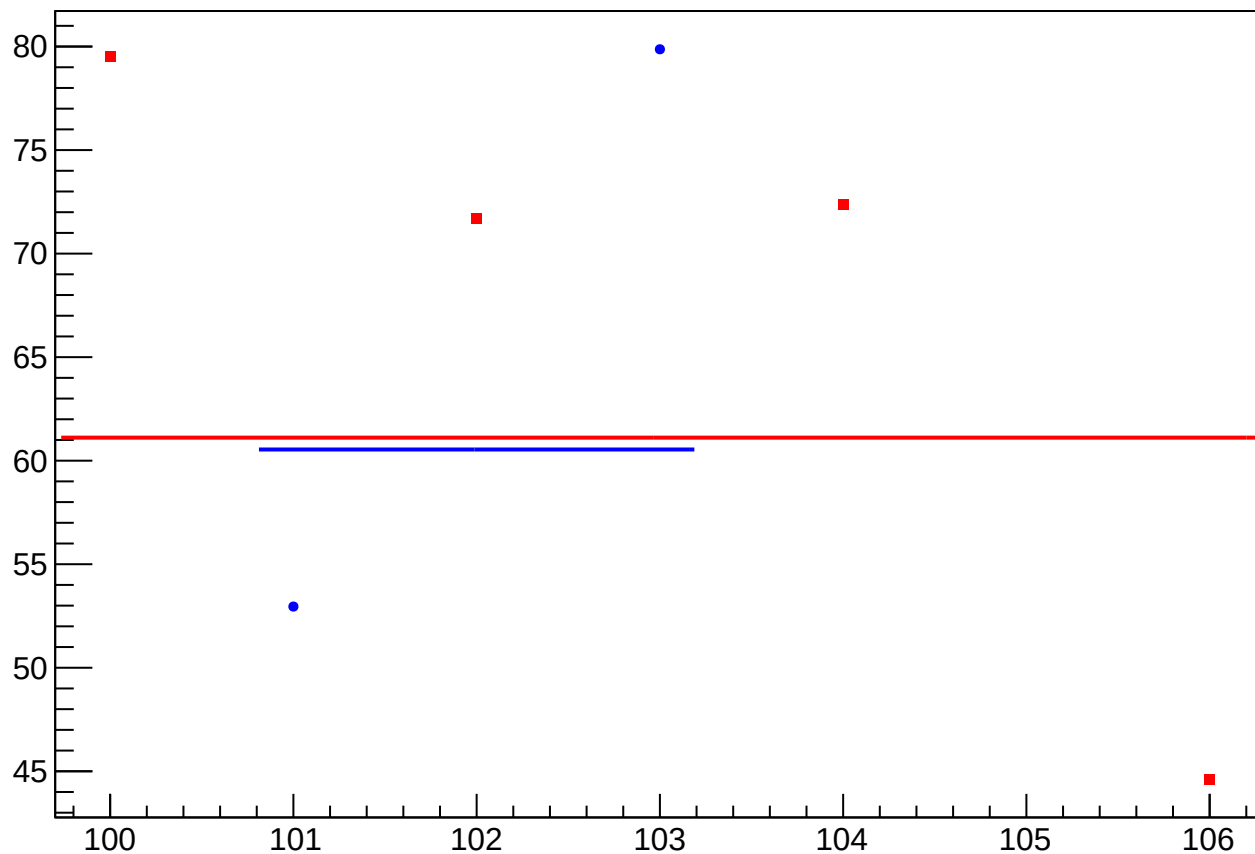
Right: -0.016+/-0.039 χ^2/NDF : 7.5/5

In: -0.116+/-0.058 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.039 χ^2/NDF : 7.5/5

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 61.113 $\pm$ 0.037 χ^2 /NDF: 136460.7/3

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

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

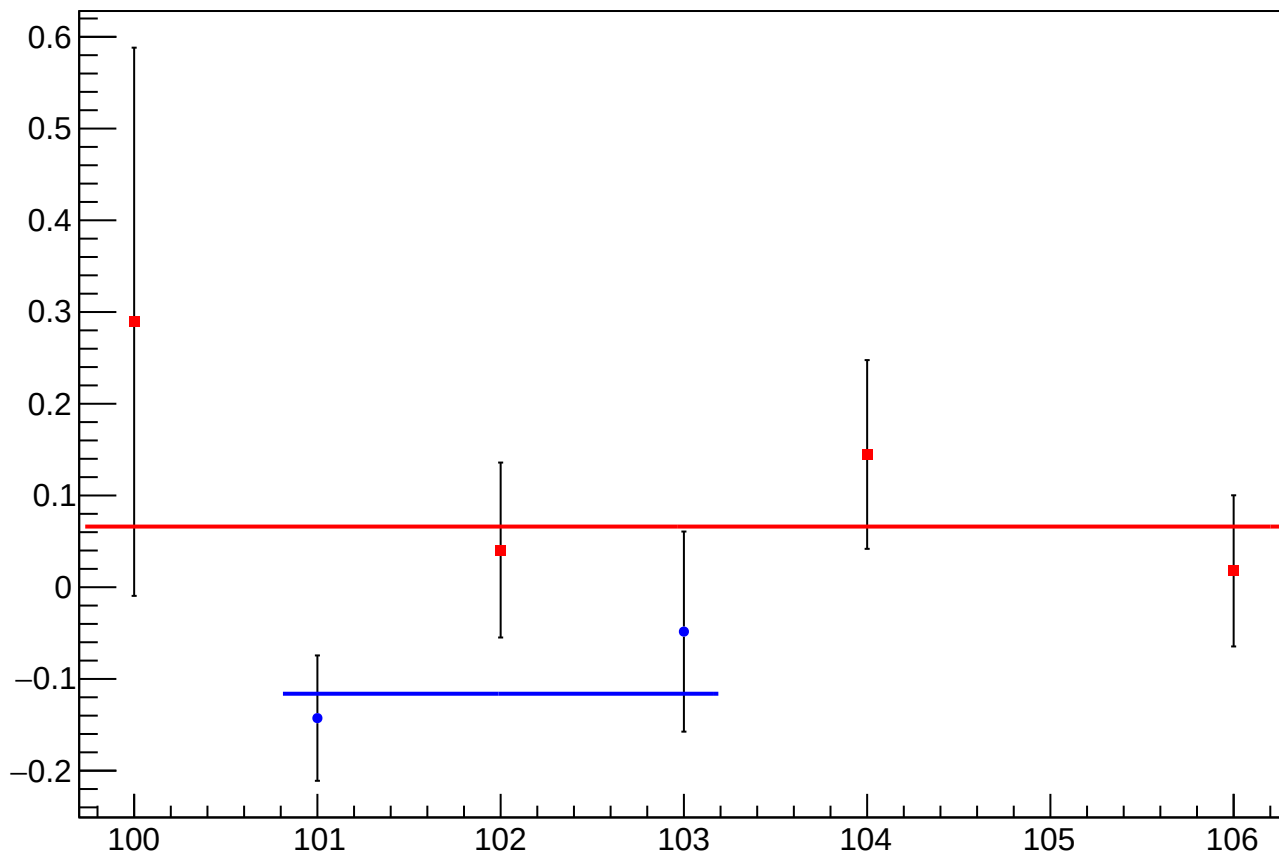
Right: 60.855 $\pm$ 0.028 χ^2 /NDF: 224008.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.855 $\pm$ 0.028 χ^2 /NDF: 224008.5/5

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116+/-0.058 χ^2/NDF : 0.5/1

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

Right Out: 0.066+/-0.052 χ^2/NDF : 1.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

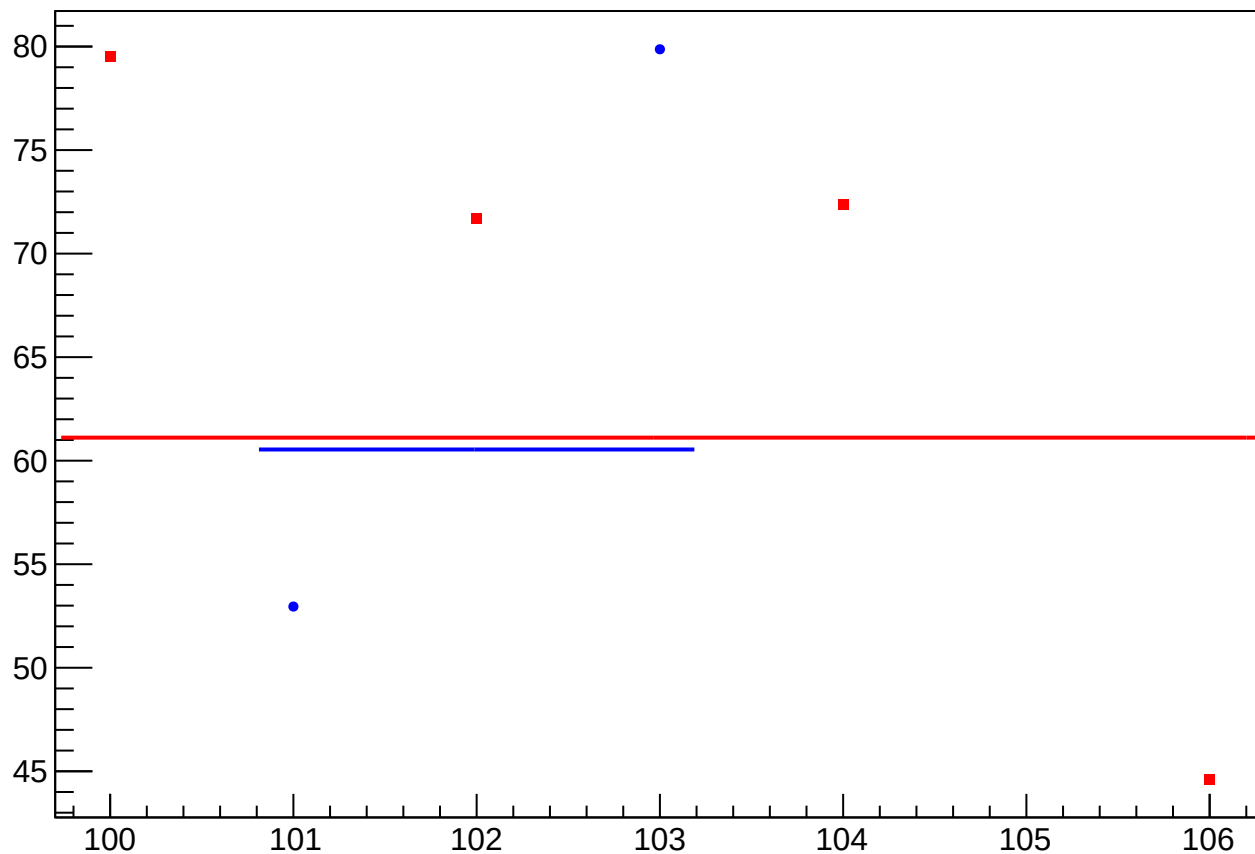
Right: -0.016+/-0.039 χ^2/NDF : 7.5/5

In: -0.116+/-0.058 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.039 χ^2/NDF : 7.5/5

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 61.113+/-0.037 χ^2/NDF : 136460.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

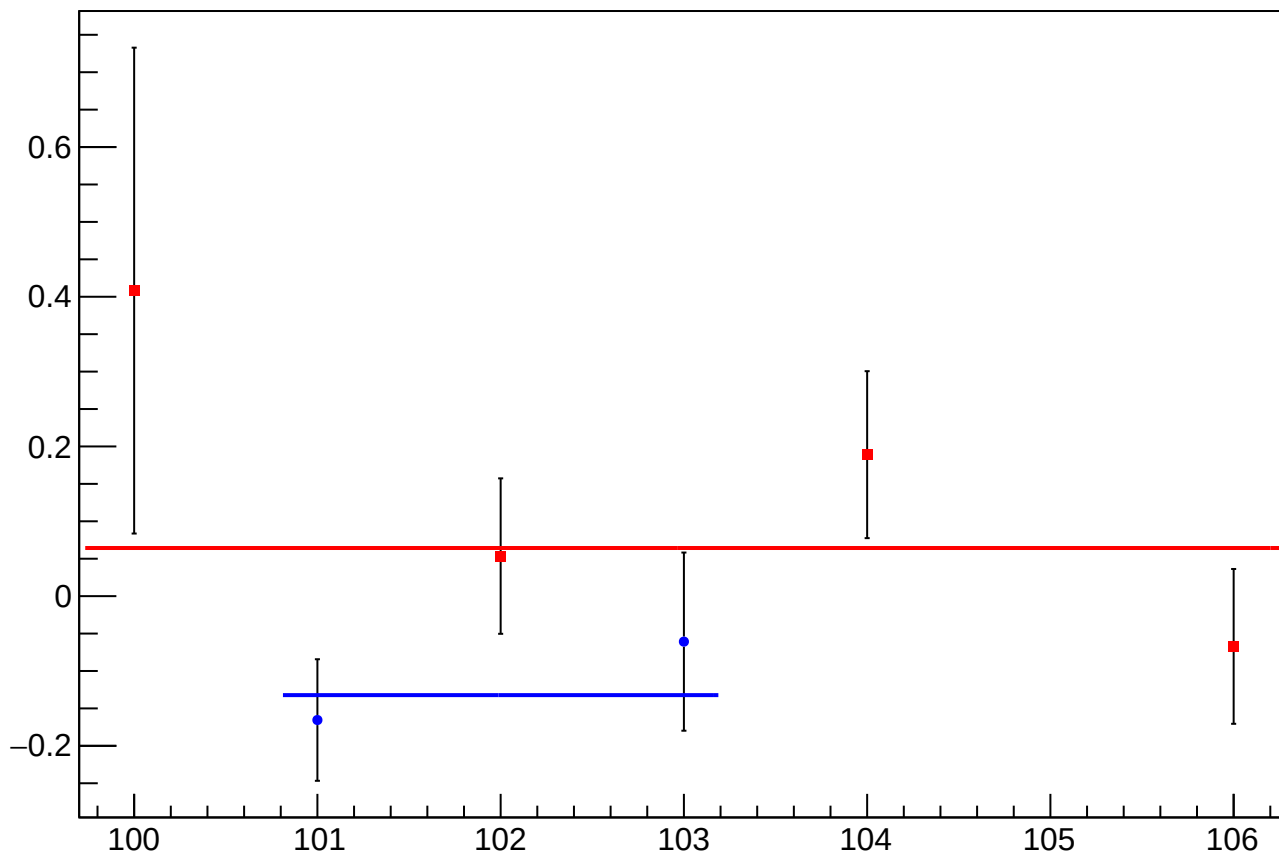
Right: 60.855+/-0.028 χ^2/NDF : 224008.5/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.855+/-0.028 χ^2/NDF : 224008.5/5

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.064 $\pm$ 0.060 χ^2 /NDF: 4.0/3

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

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

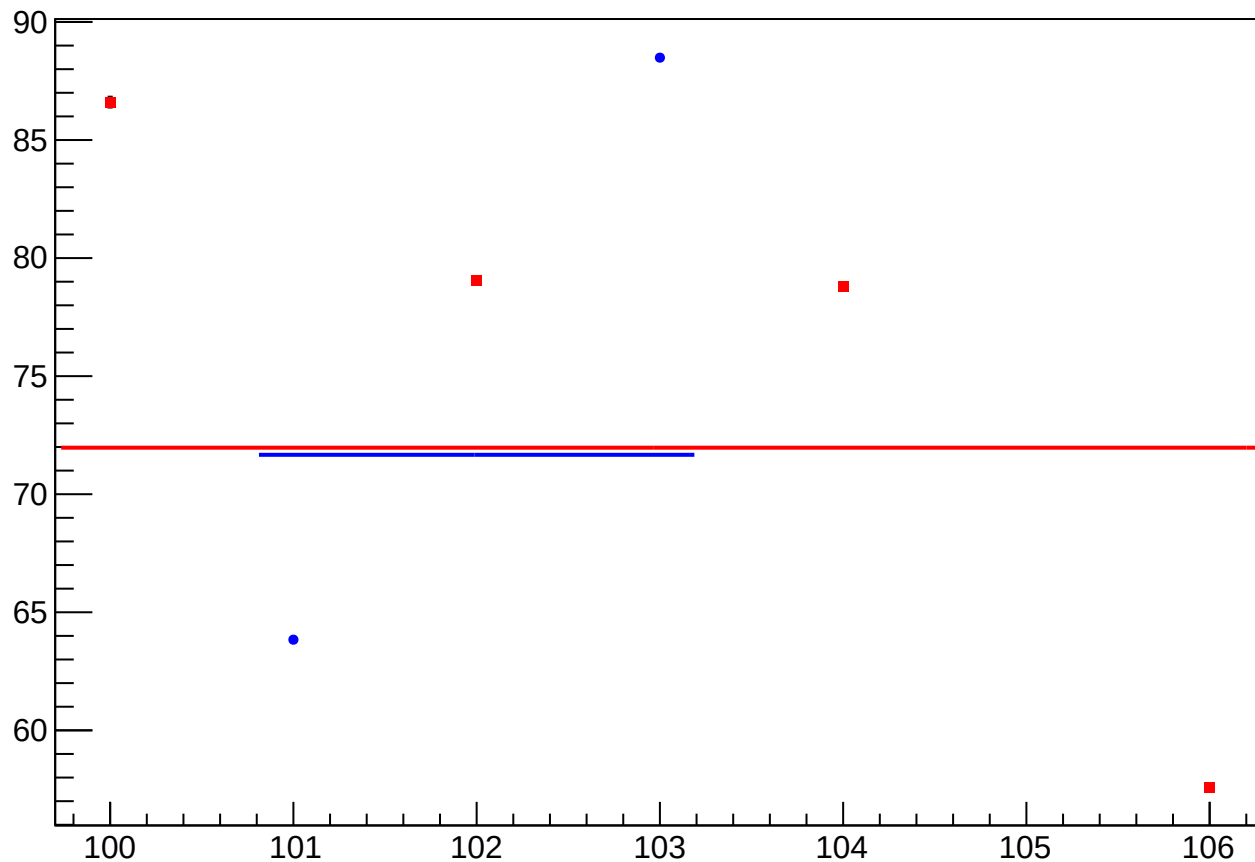
Right: -0.023 $\pm$ 0.045 χ^2 /NDF: 9.3/5

In: -0.132 $\pm$ 0.067 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.045 χ^2 /NDF: 9.3/5

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 71.970+/-0.043 χ^2/NDF : 59463.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

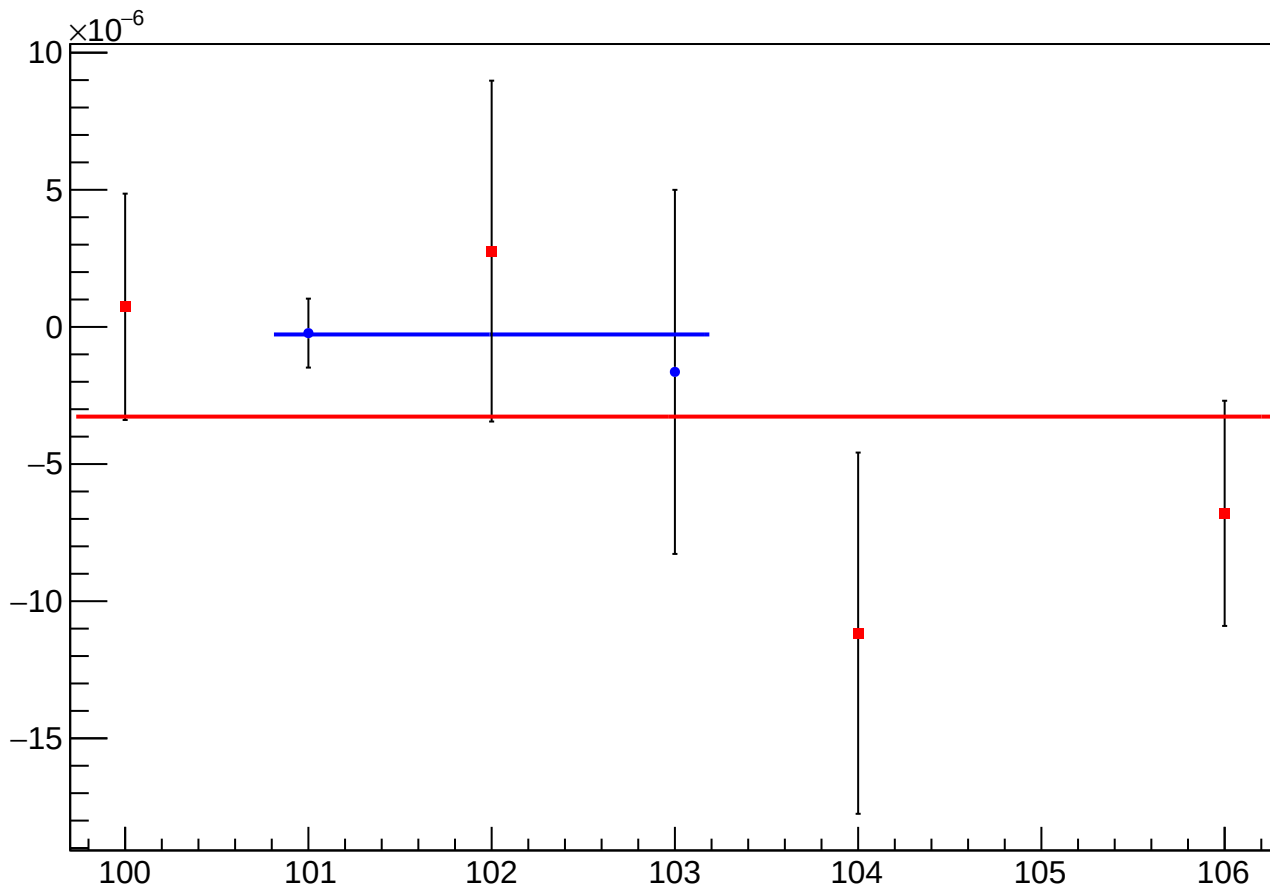
Right: 71.836+/-0.032 χ^2/NDF : 118019.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.836+/-0.032 χ^2/NDF : 118019.1/5

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

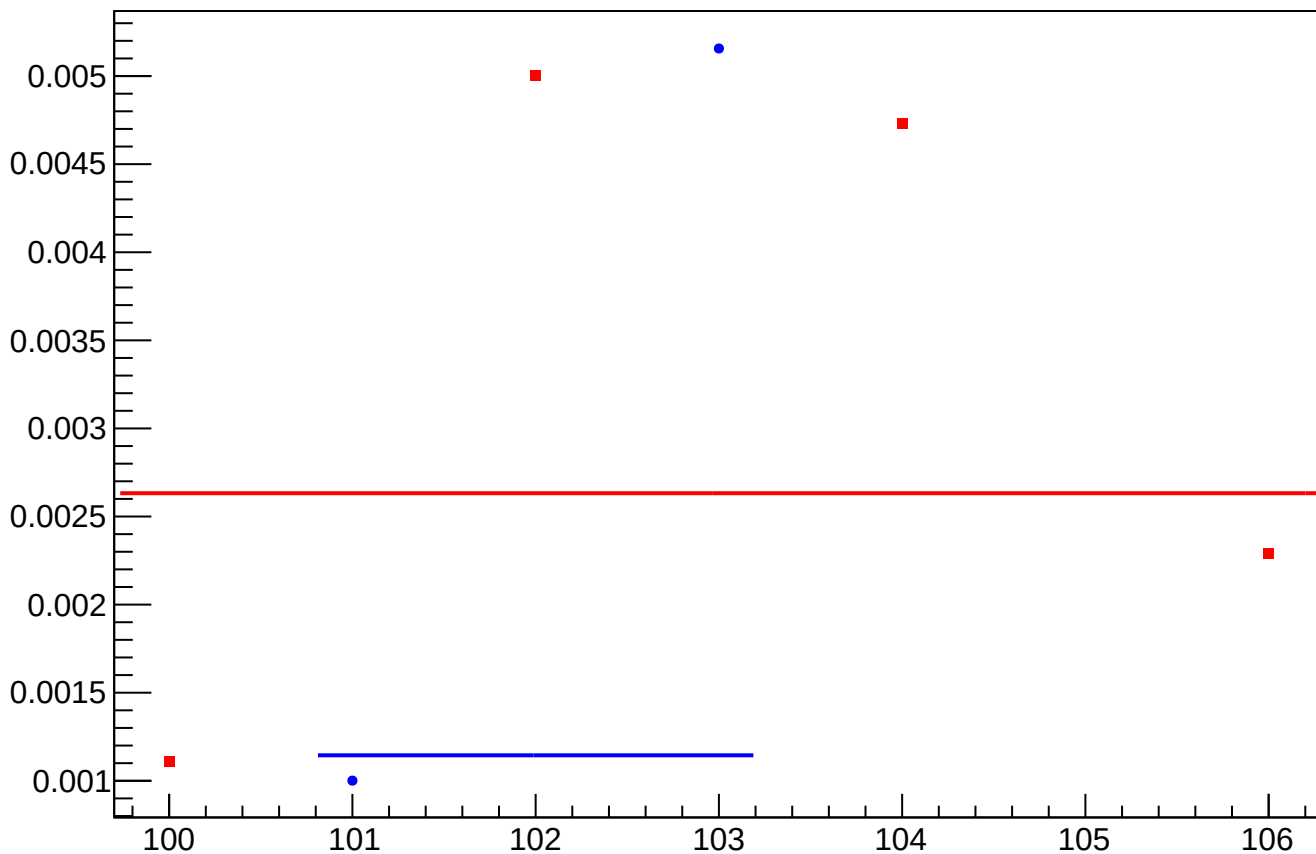
Right: -0.000+/-0.000 χ^2/NDF : 5.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.3/5

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.003+/-0.000 χ^2/NDF : 779856.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

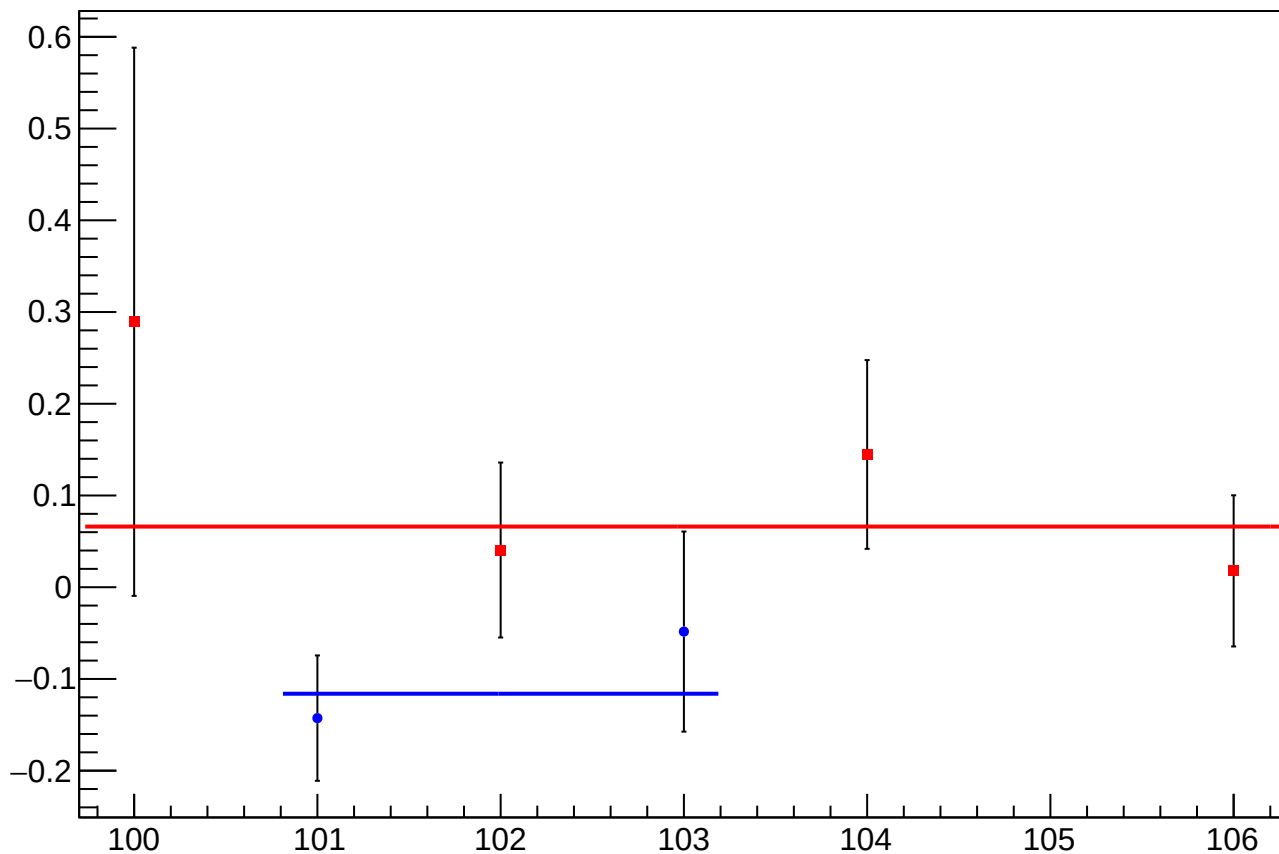
Right: 0.001+/-0.000 χ^2/NDF : 2125902.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2125902.1/5

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116 ± 0.058 χ^2/NDF : 0.5/1

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

Right Out: 0.066 ± 0.052 χ^2/NDF : 1.6/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

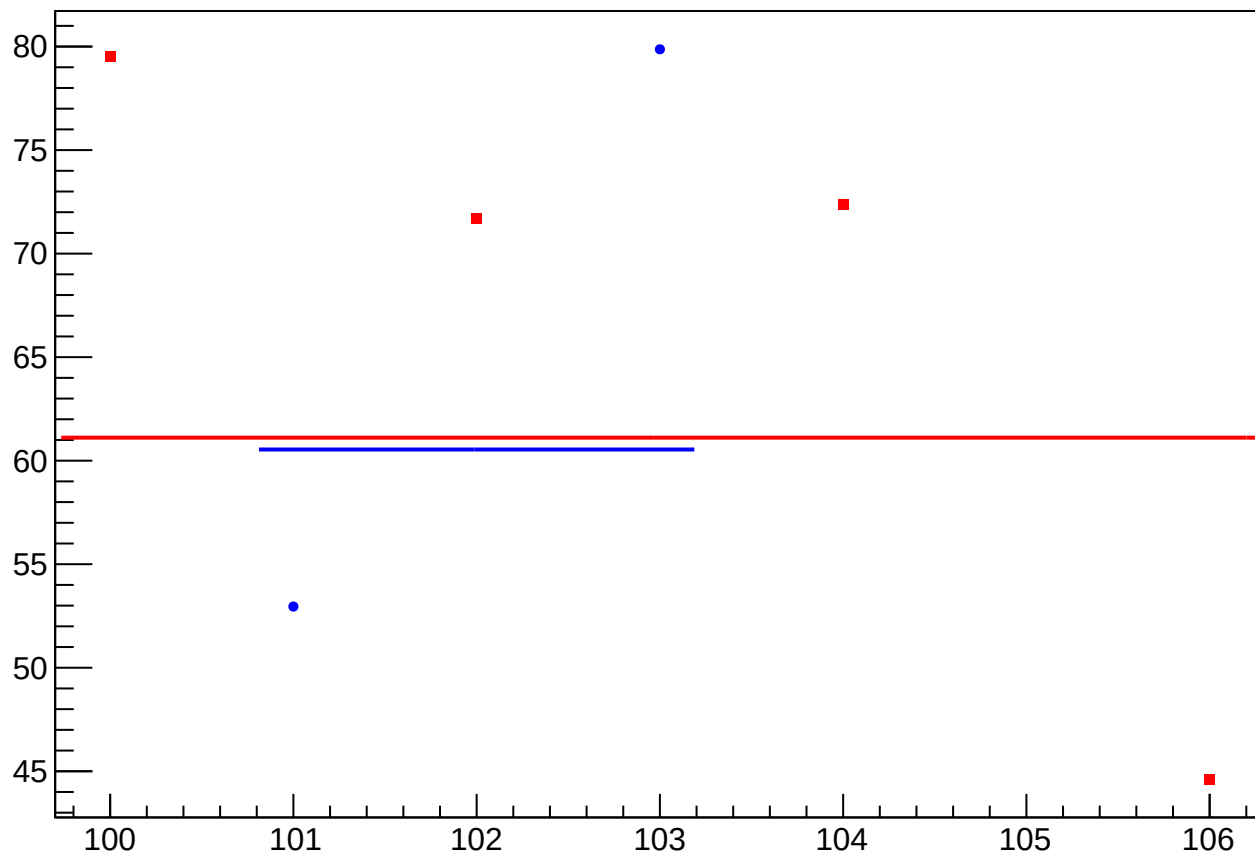
Right: -0.016 ± 0.039 χ^2/NDF : 7.5/5

In: -0.116 ± 0.058 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.039 χ^2/NDF : 7.5/5

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 61.112+/-0.037 χ^2/NDF : 136472.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

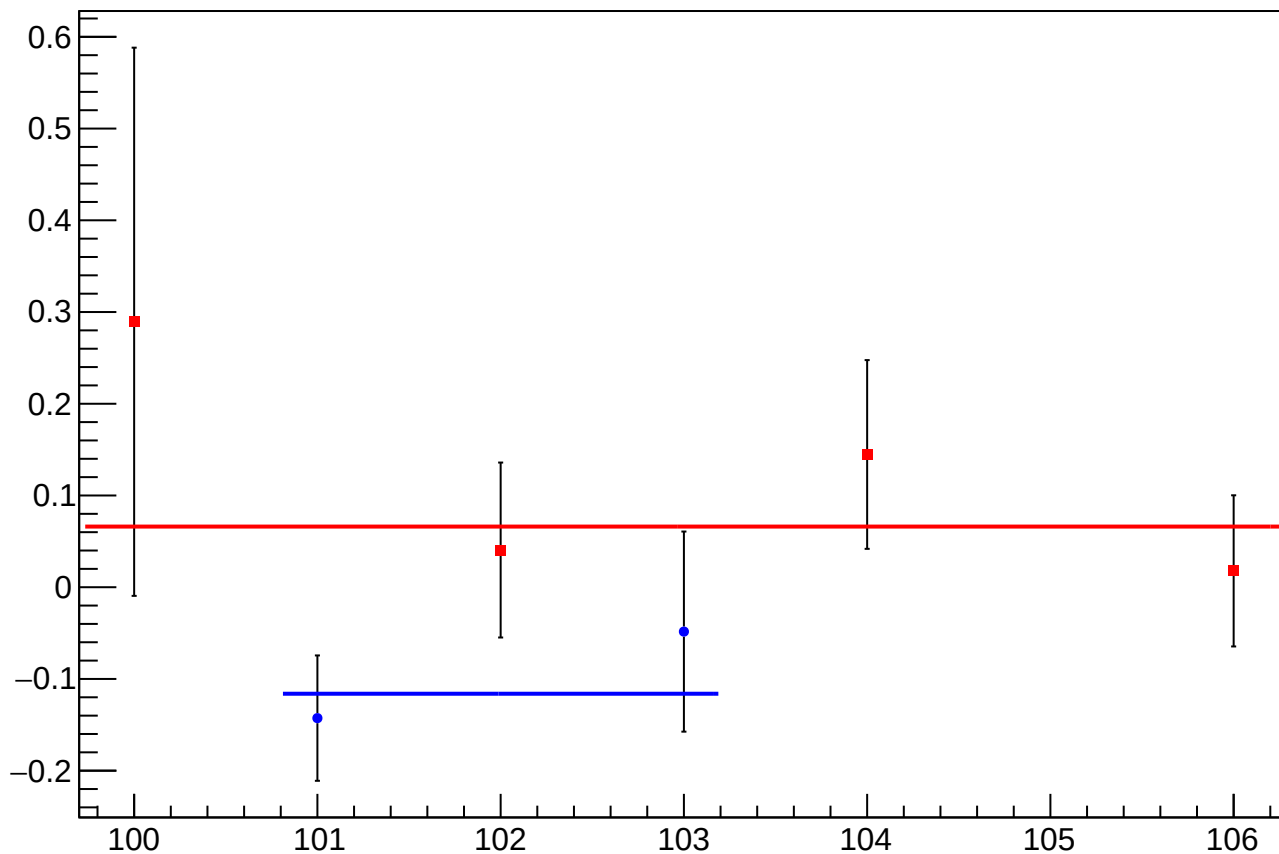
Right: 60.854+/-0.028 χ^2/NDF : 224025.5/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.854+/-0.028 χ^2/NDF : 224025.5/5

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.116+/-0.058 χ^2/NDF : 0.5/1

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

Right Out: 0.066+/-0.052 χ^2/NDF : 1.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

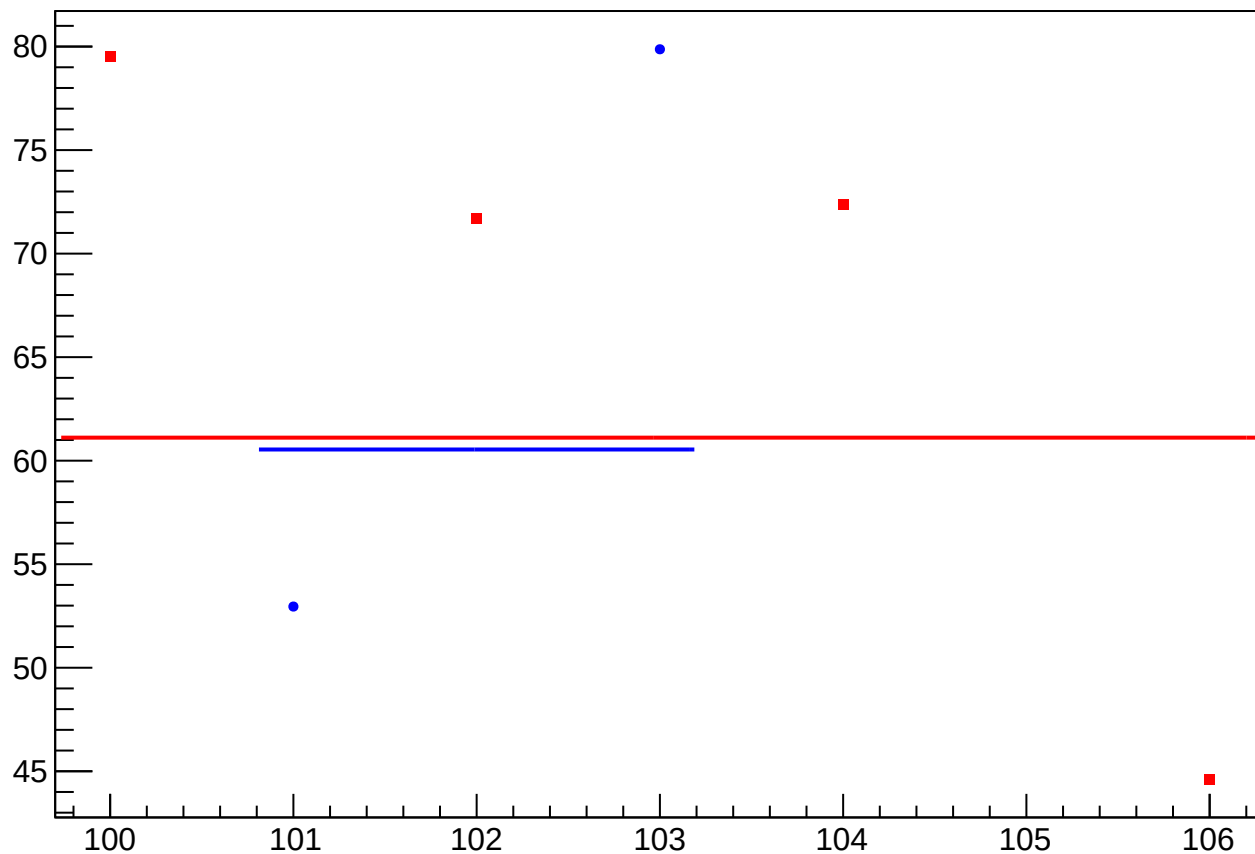
Right: -0.016+/-0.039 χ^2/NDF : 7.5/5

In: -0.116+/-0.058 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.039 χ^2/NDF : 7.5/5

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 61.112+/-0.037 χ^2/NDF : 136472.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

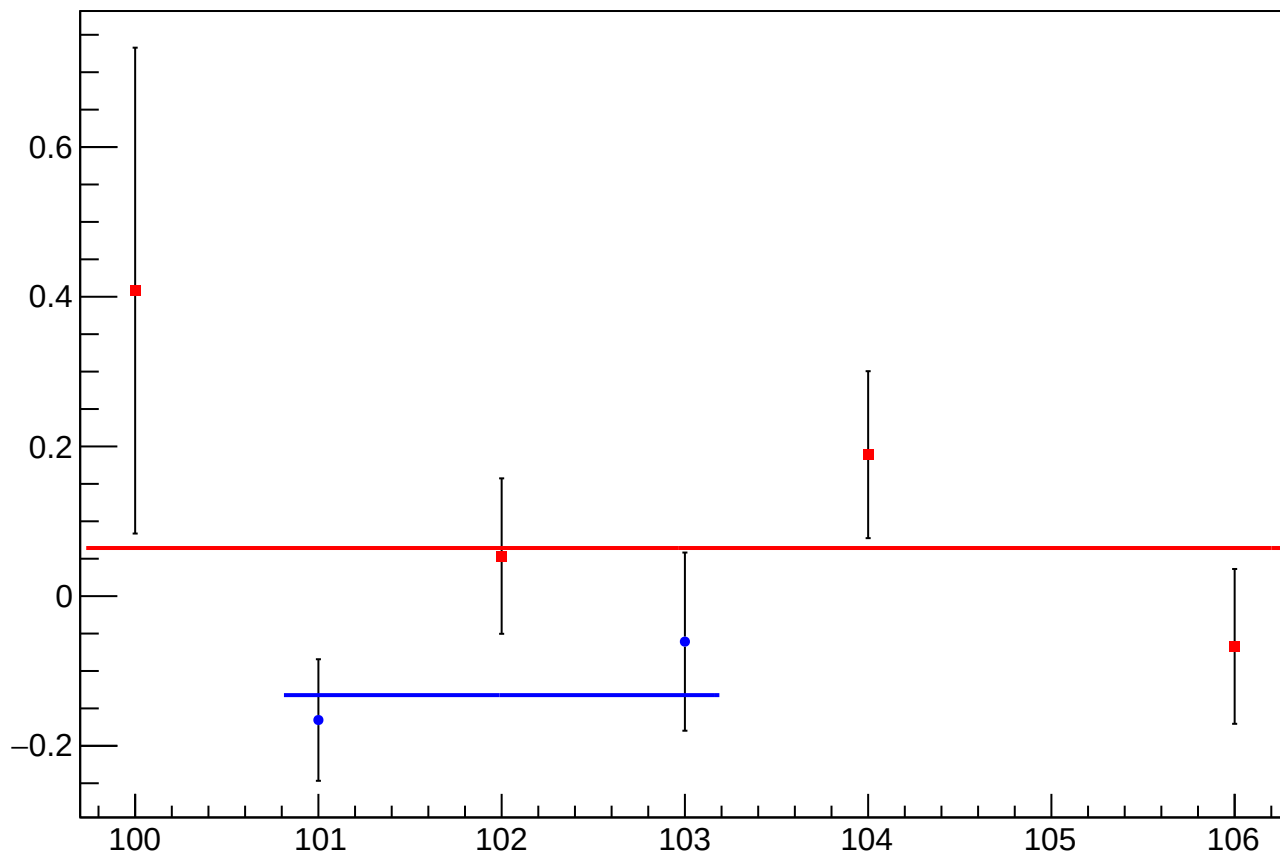
Right: 60.854+/-0.028 χ^2/NDF : 224025.5/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.854+/-0.028 χ^2/NDF : 224025.5/5

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.064 $\pm$ 0.060 χ^2 /NDF: 4.0/3

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

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

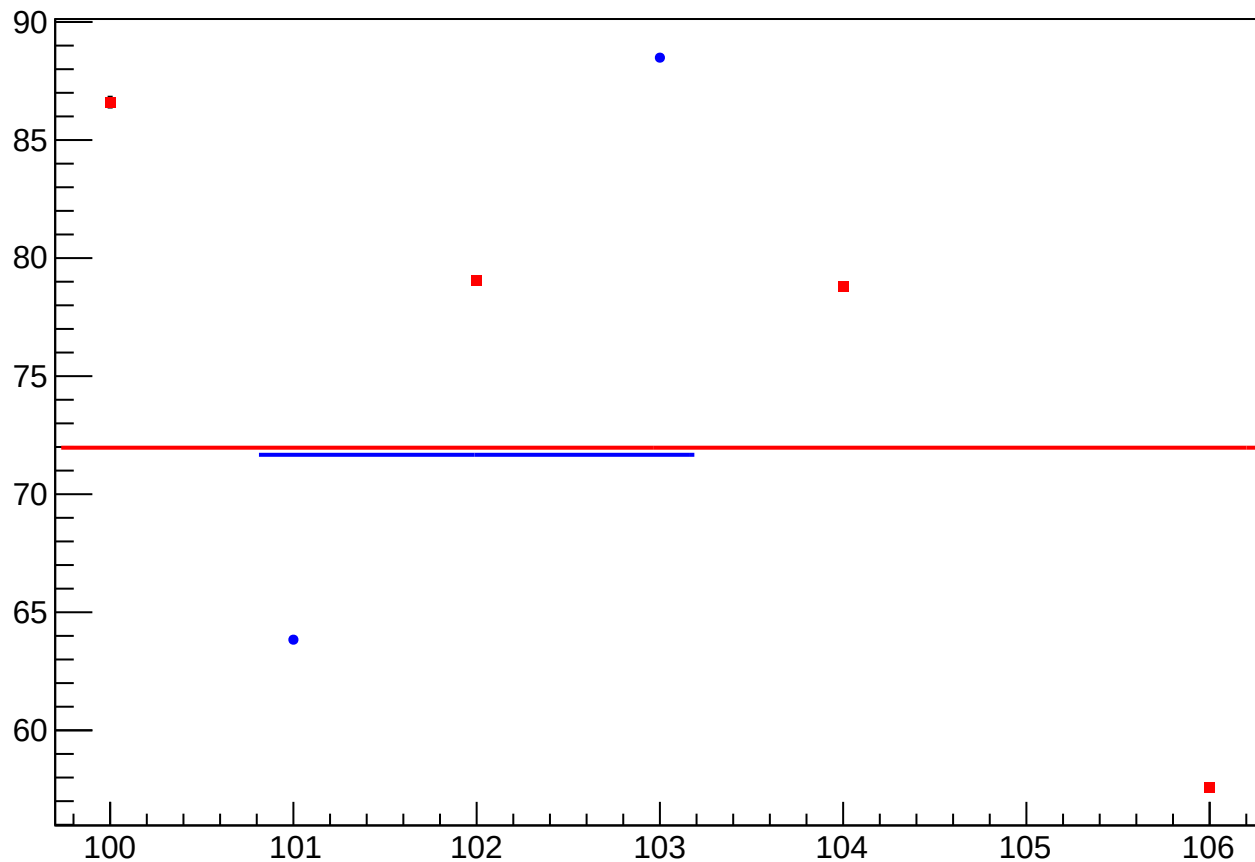
Right: -0.023 $\pm$ 0.045 χ^2 /NDF: 9.3/5

In: -0.132 $\pm$ 0.067 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.045 χ^2 /NDF: 9.3/5

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 71.970+/-0.043 χ^2/NDF : 59467.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

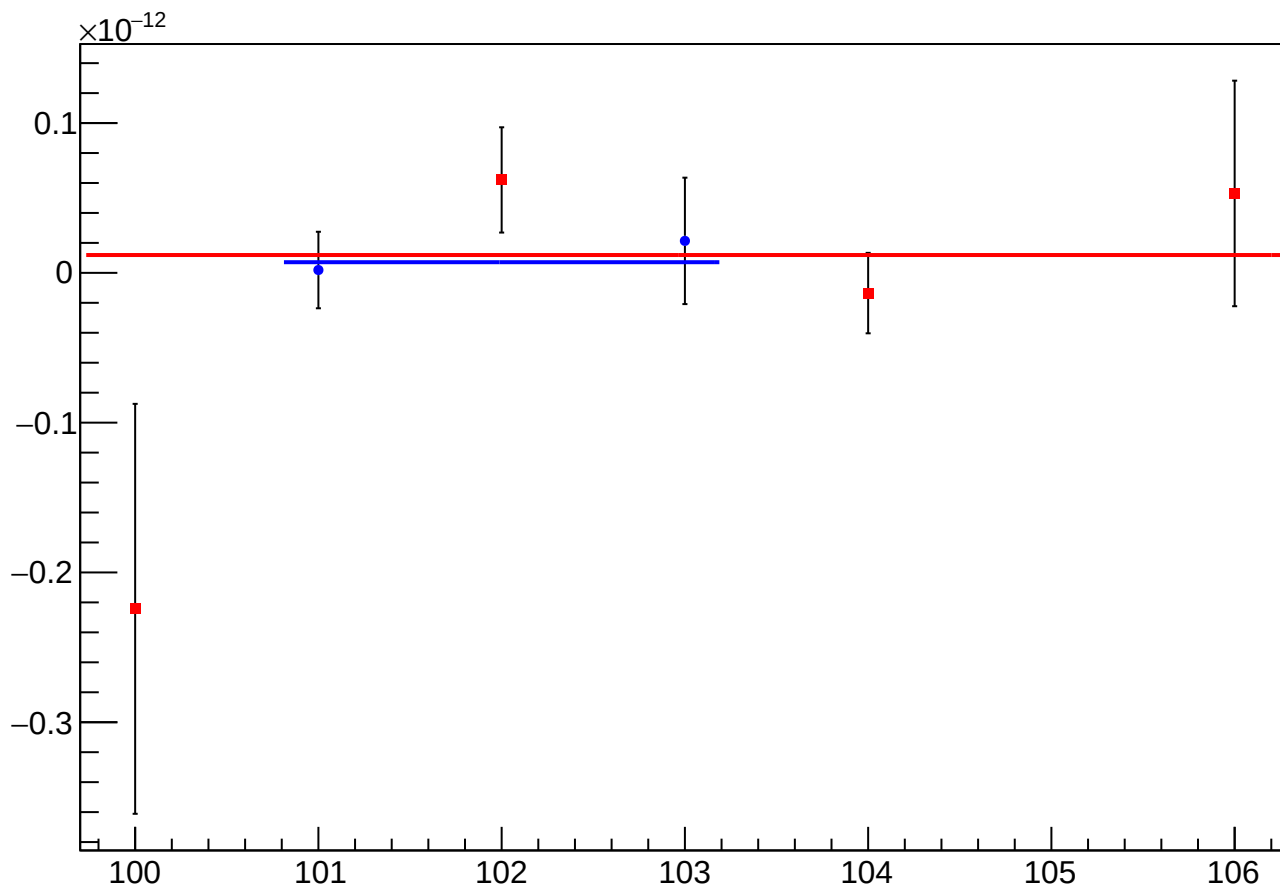
Right: 71.836+/-0.032 χ^2/NDF : 118026.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.836+/-0.032 χ^2/NDF : 118026.6/5

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

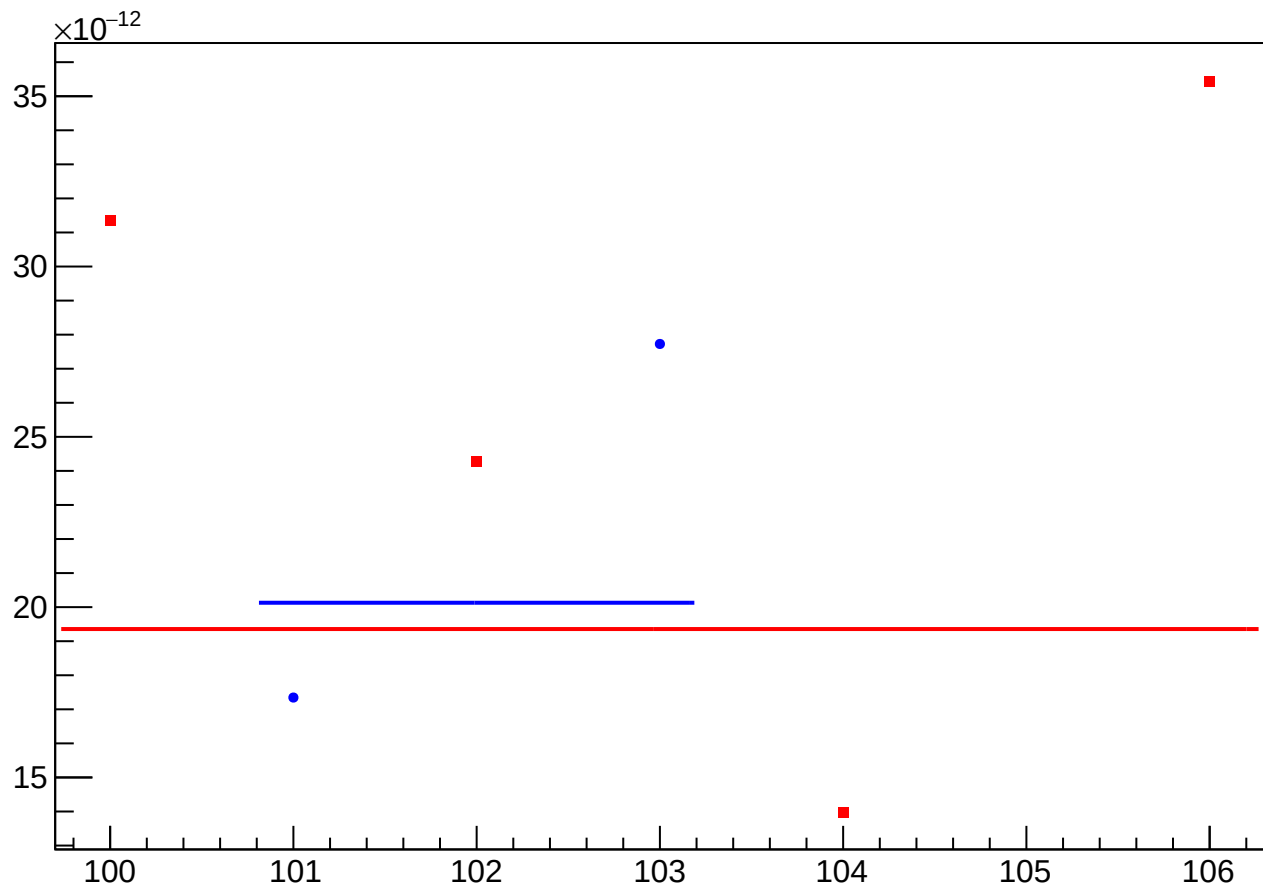
Right: 0.000+/-0.000 χ^2/NDF : 6.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.4/5

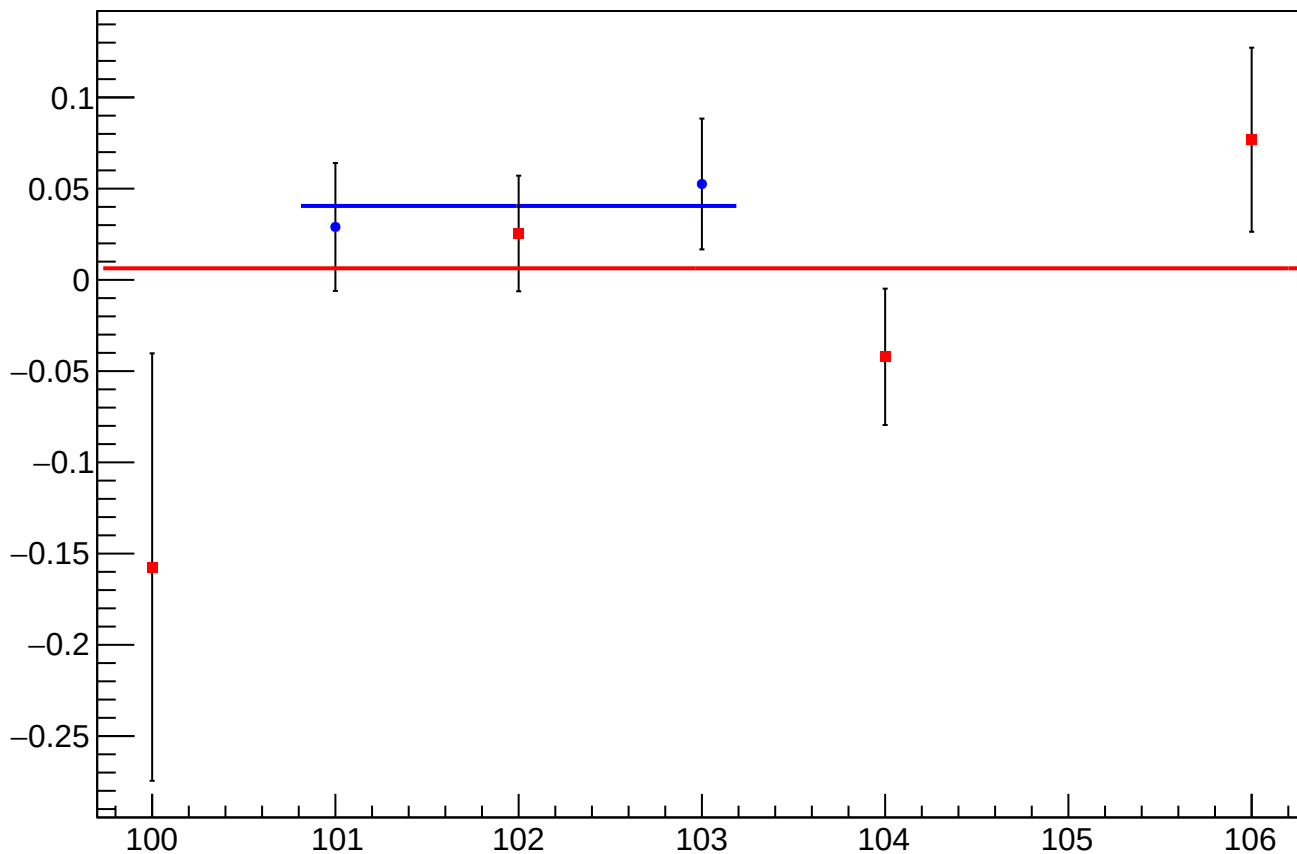
asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 88591.4/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 225837.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 315769.2/5
 In: 0.000+/-0.000 χ^2/NDF : 88591.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 315769.2/5

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.041 $\pm$ 0.025 χ^2 /NDF: 0.2/1

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

Right Out: 0.006 $\pm$ 0.021 χ^2 /NDF: 6.0/3

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

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

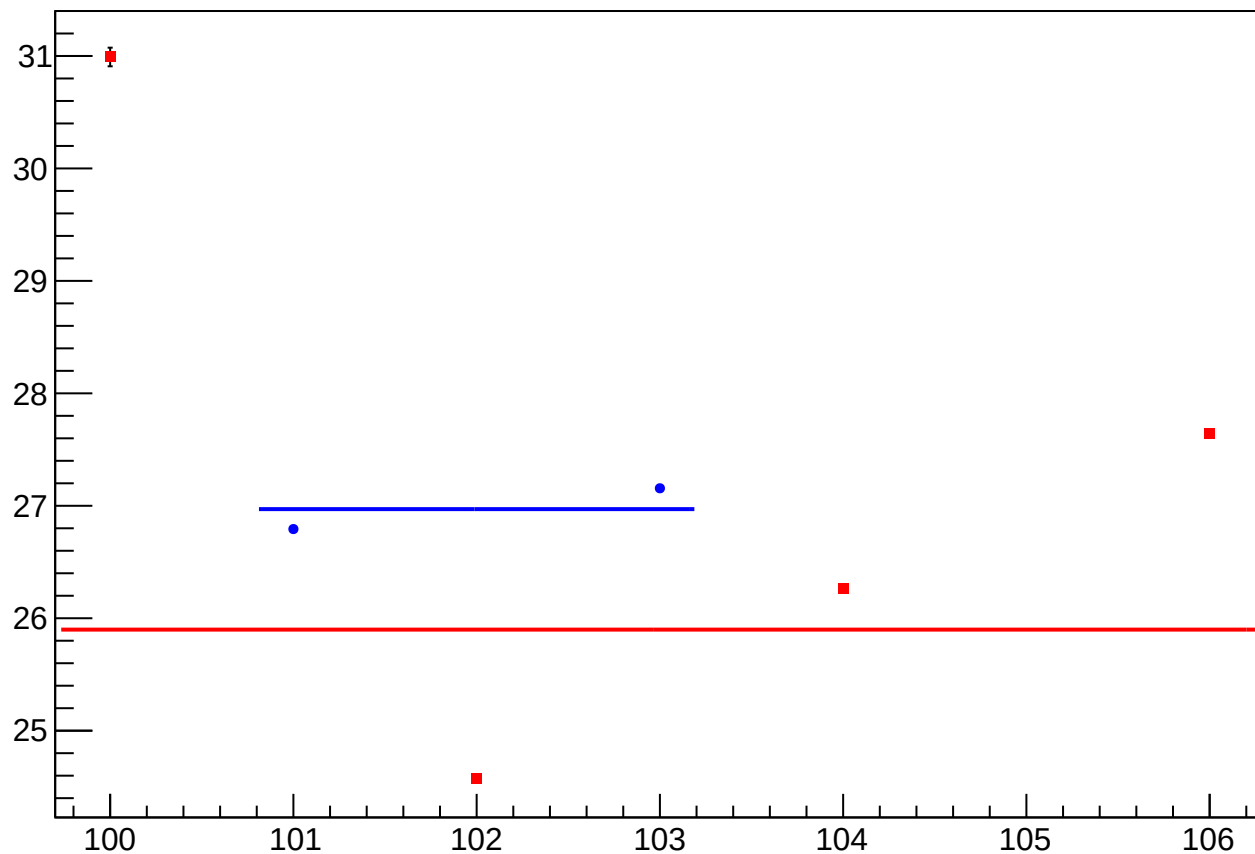
Right: 0.021 $\pm$ 0.016 χ^2 /NDF: 7.2/5

In: 0.041 $\pm$ 0.025 χ^2 /NDF: 0.2/1

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

All: 0.021 $\pm$ 0.016 χ^2 /NDF: 7.2/5

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.970 $\pm$ 0.018 χ^2 /NDF: 104.6/1

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

Right Out: 25.899 $\pm$ 0.015 χ^2 /NDF: 9847.3/3

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

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

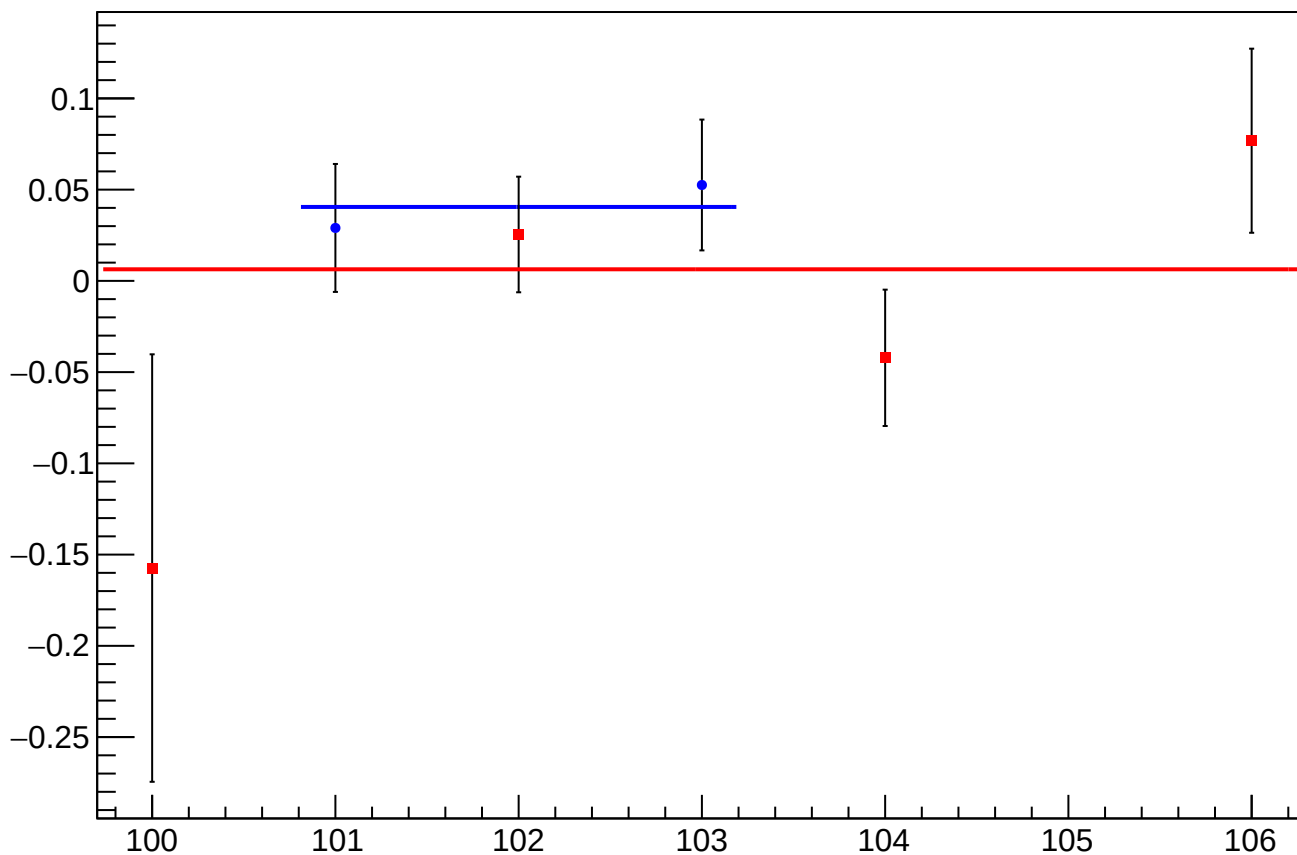
Right: 26.351 $\pm$ 0.012 χ^2 /NDF: 12063.9/5

In: 26.970 $\pm$ 0.018 χ^2 /NDF:104.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.351 $\pm$ 0.012 χ^2 /NDF: 12063.9/5

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.006 ± 0.021 χ^2/NDF : 6.0/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

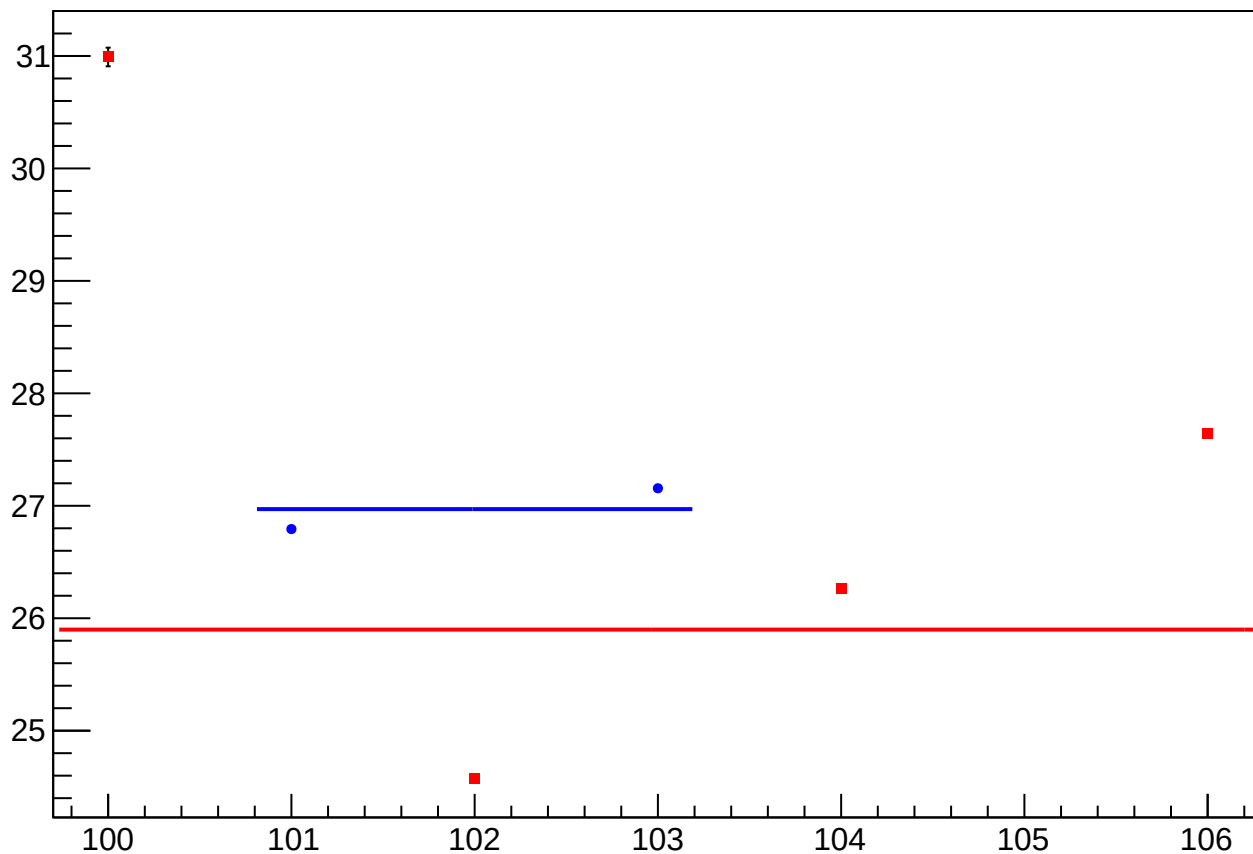
Right: 0.021 ± 0.016 χ^2/NDF : 7.2/5

In: 0.041 ± 0.025 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.021 ± 0.016 χ^2/NDF : 7.2/5

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.970 $\pm$ 0.018 χ^2 /NDF: 104.6/1

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

Right Out: 25.899 $\pm$ 0.015 χ^2 /NDF: 9847.3/3

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

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

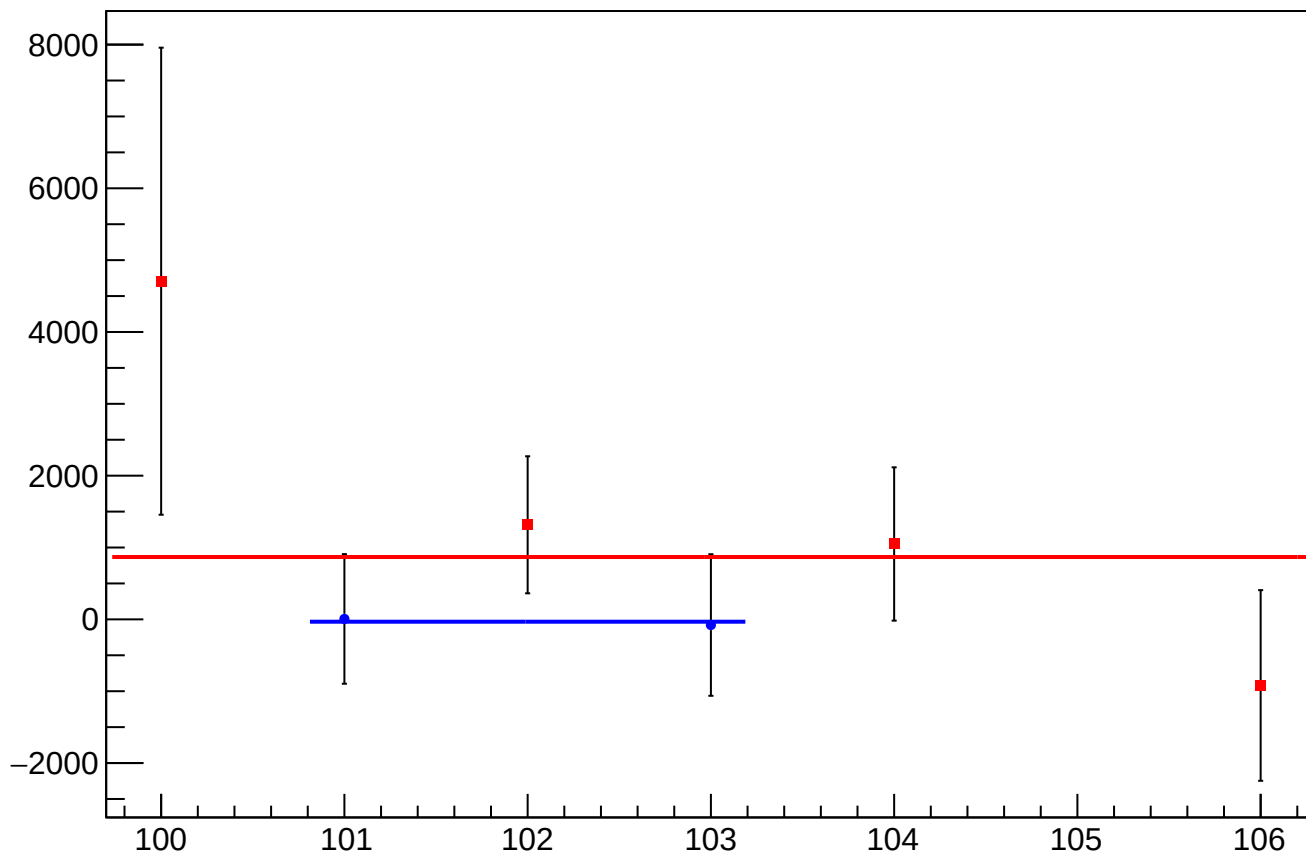
Right: 26.351 $\pm$ 0.012 χ^2 /NDF: 12063.9/5

In: 26.970 $\pm$ 0.018 χ^2 /NDF:104.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.351 $\pm$ 0.012 χ^2 /NDF: 12063.9/5

reg_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 867.882+/-615.430 χ^2/NDF : 3.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

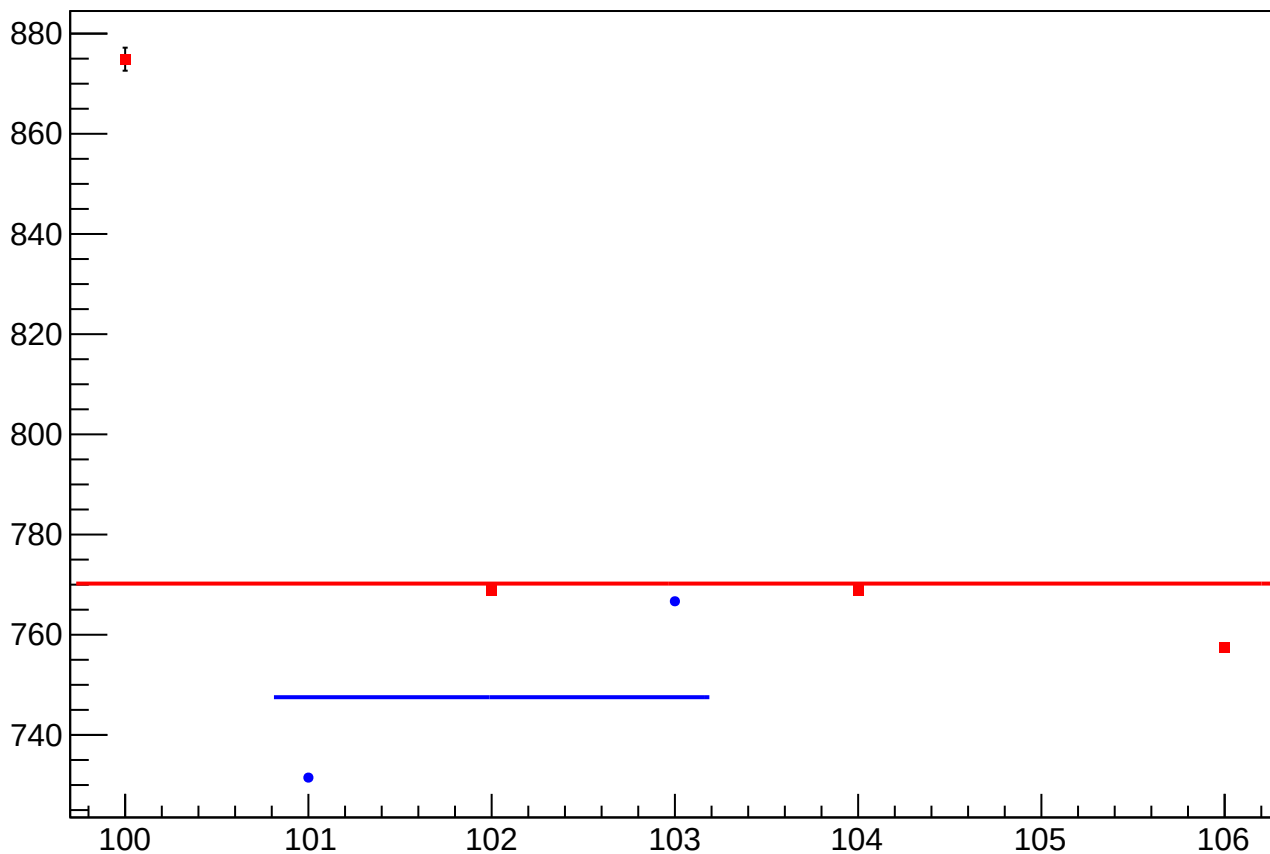
Right: 452.715+/-451.801 χ^2/NDF : 4.5/5

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.715+/-451.801 χ^2/NDF : 4.5/5

reg_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 770.211+/-0.435 χ^2/NDF : 2265.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

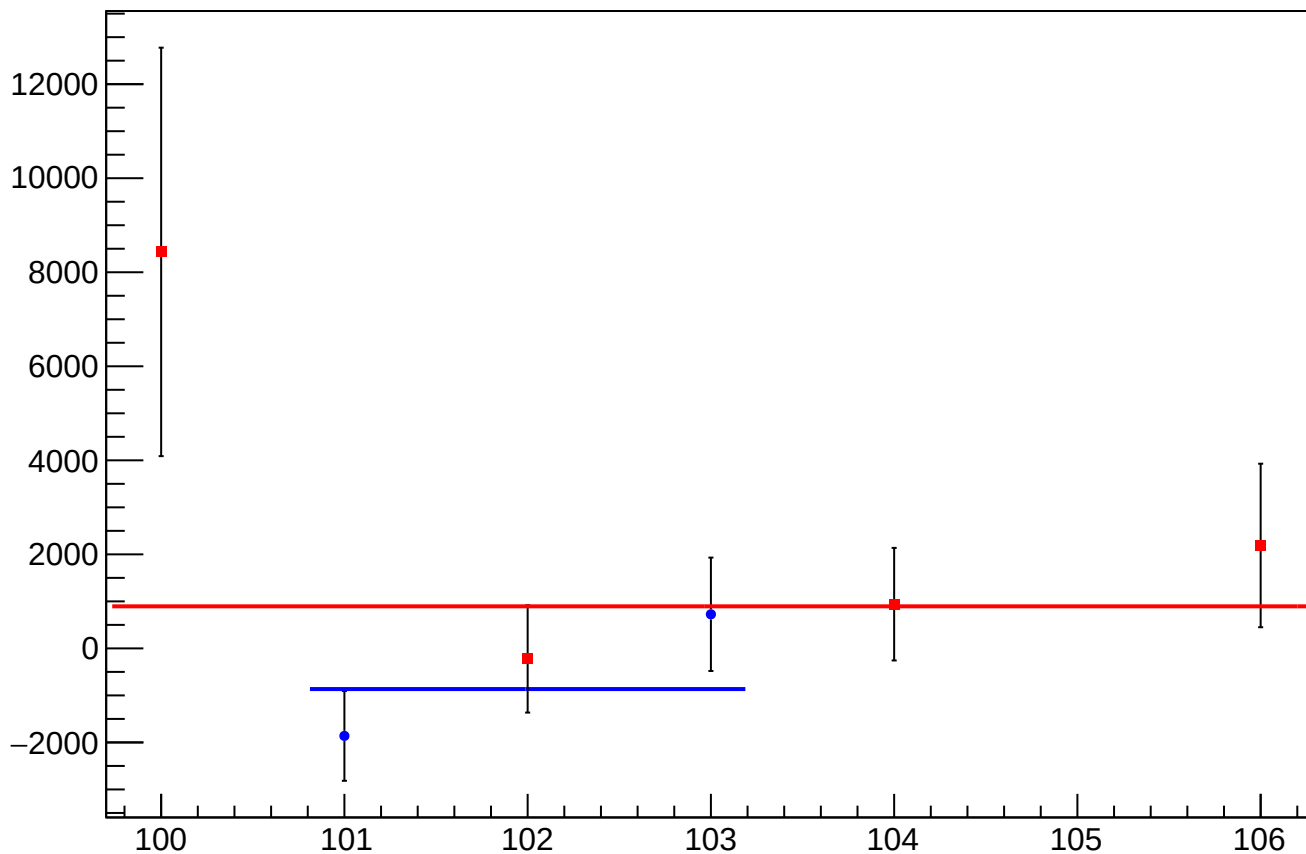
Right: 759.754+/-0.319 χ^2/NDF : 4906.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 759.754+/-0.319 χ^2/NDF : 4906.1/5

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 894.625+/-735.265 χ^2/NDF : 4.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

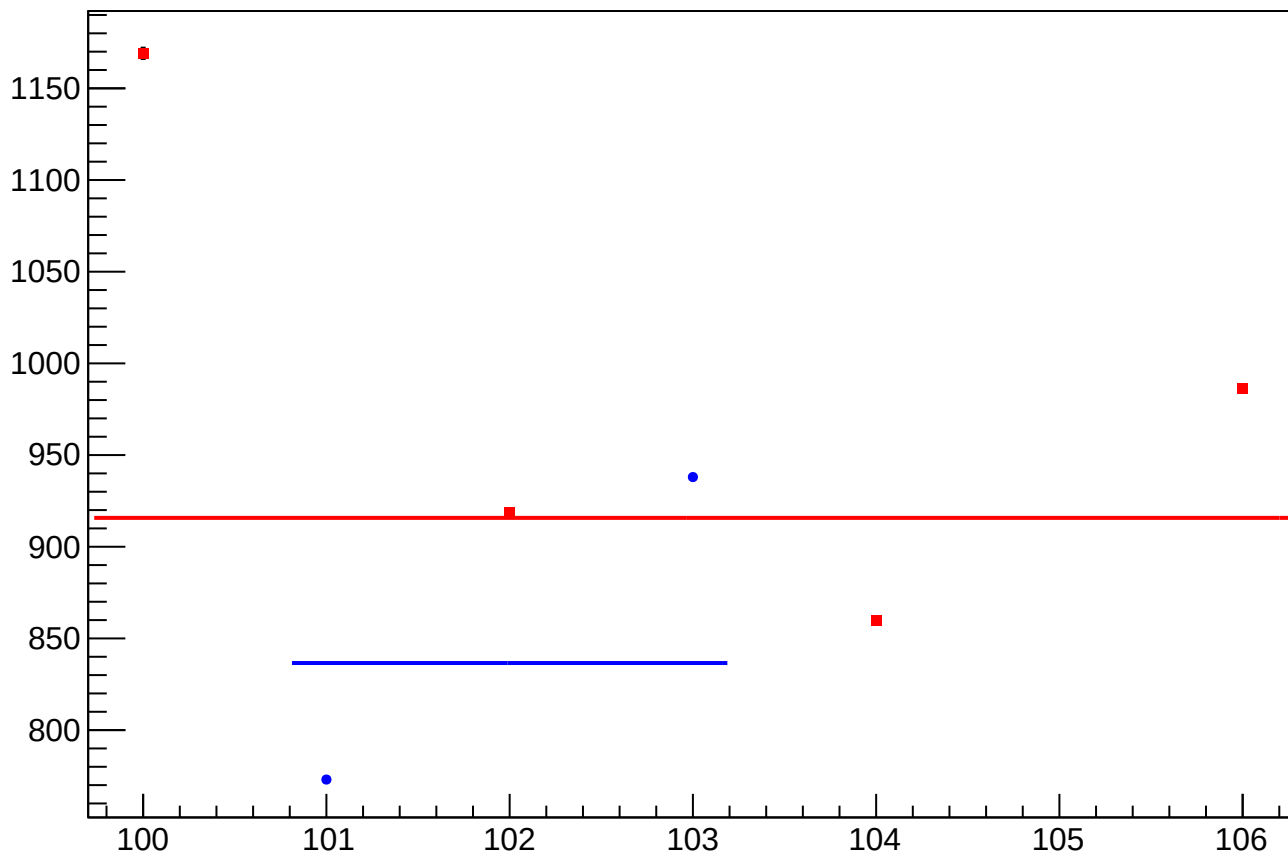
Right: 30.443+/-524.506 χ^2/NDF : 10.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.443+/-524.506 χ^2/NDF : 10.2/5

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 915.747 $\pm$ 0.520 χ^2 /NDF: 14492.4/3

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

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

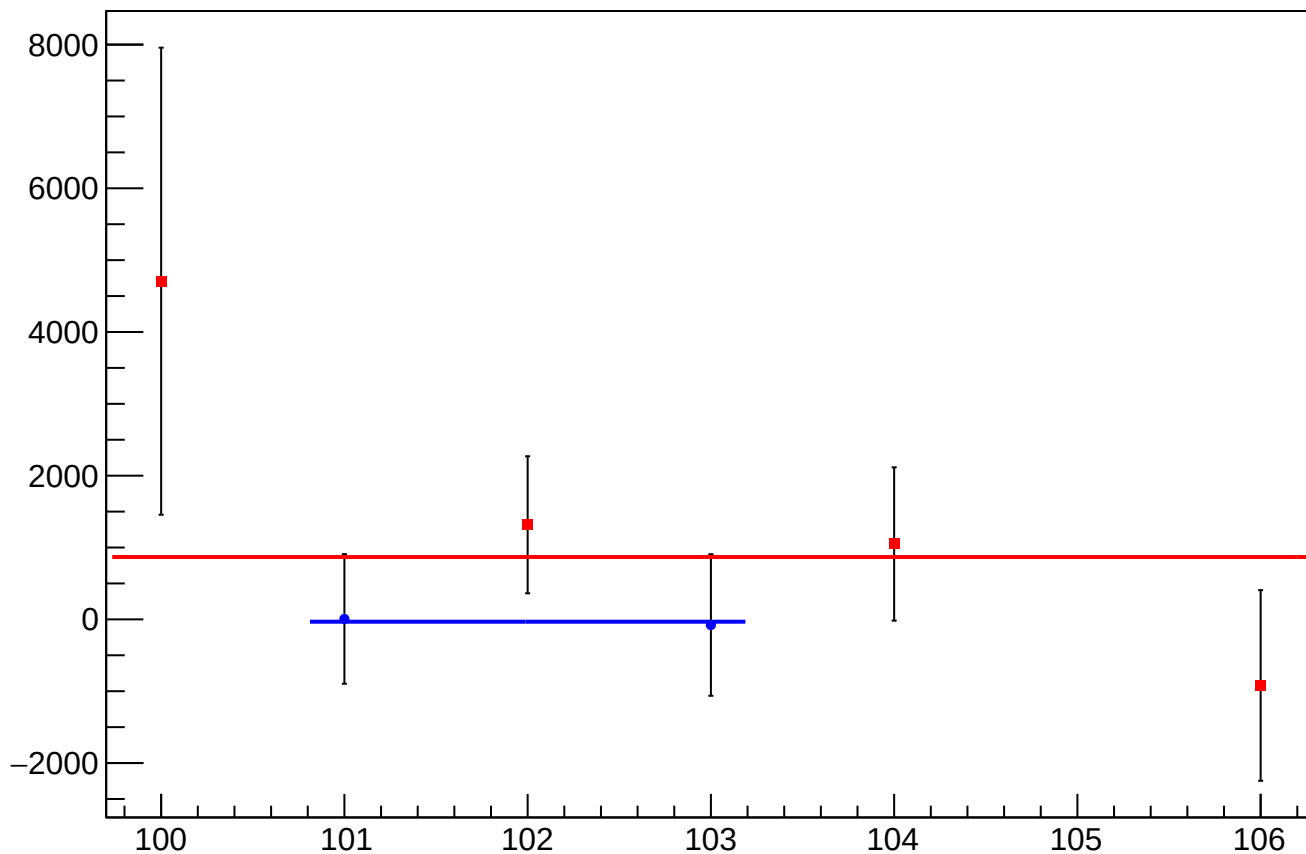
Right: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 867.882+/-615.430 χ^2/NDF : 3.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

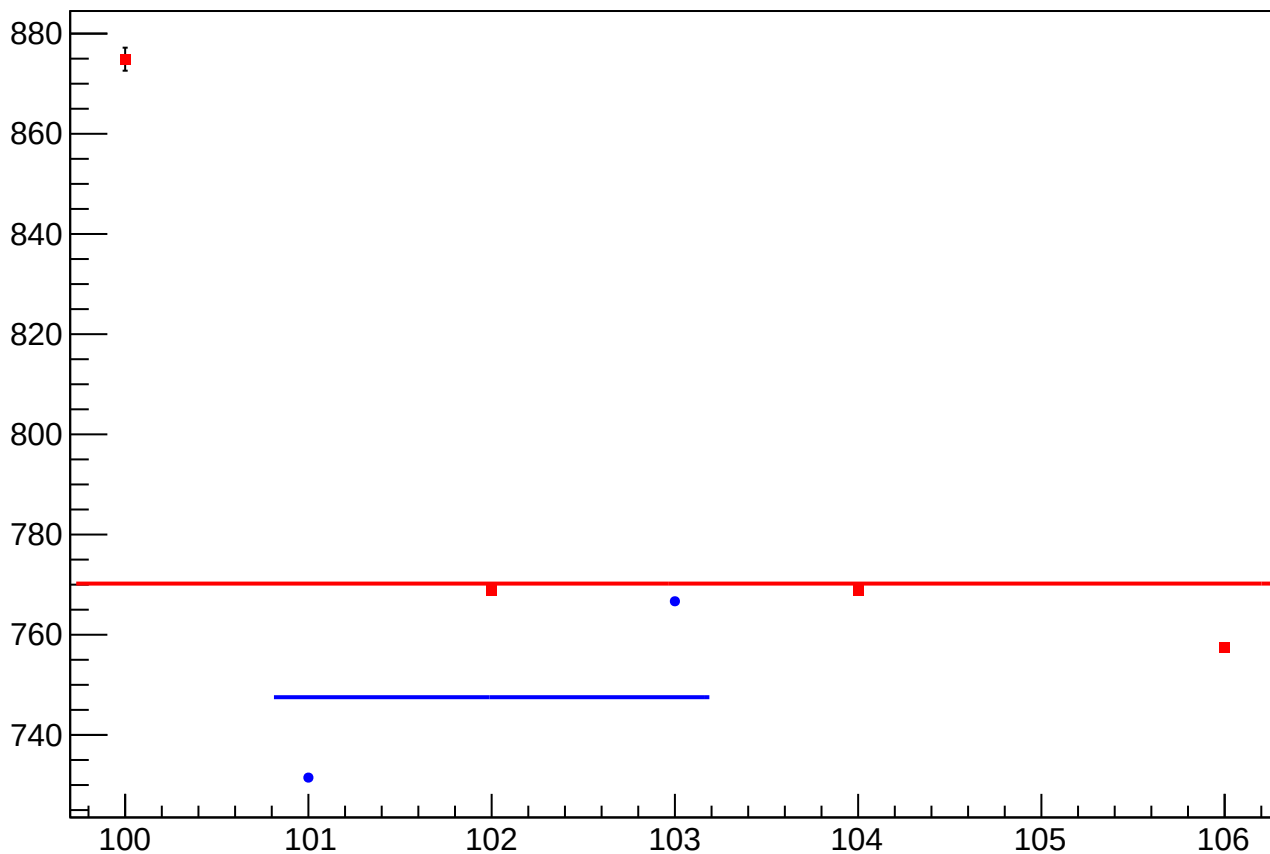
Right: 452.715+/-451.801 χ^2/NDF : 4.5/5

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.715+/-451.801 χ^2/NDF : 4.5/5

cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 770.211 ± 0.435 χ^2/NDF : 2265.4/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

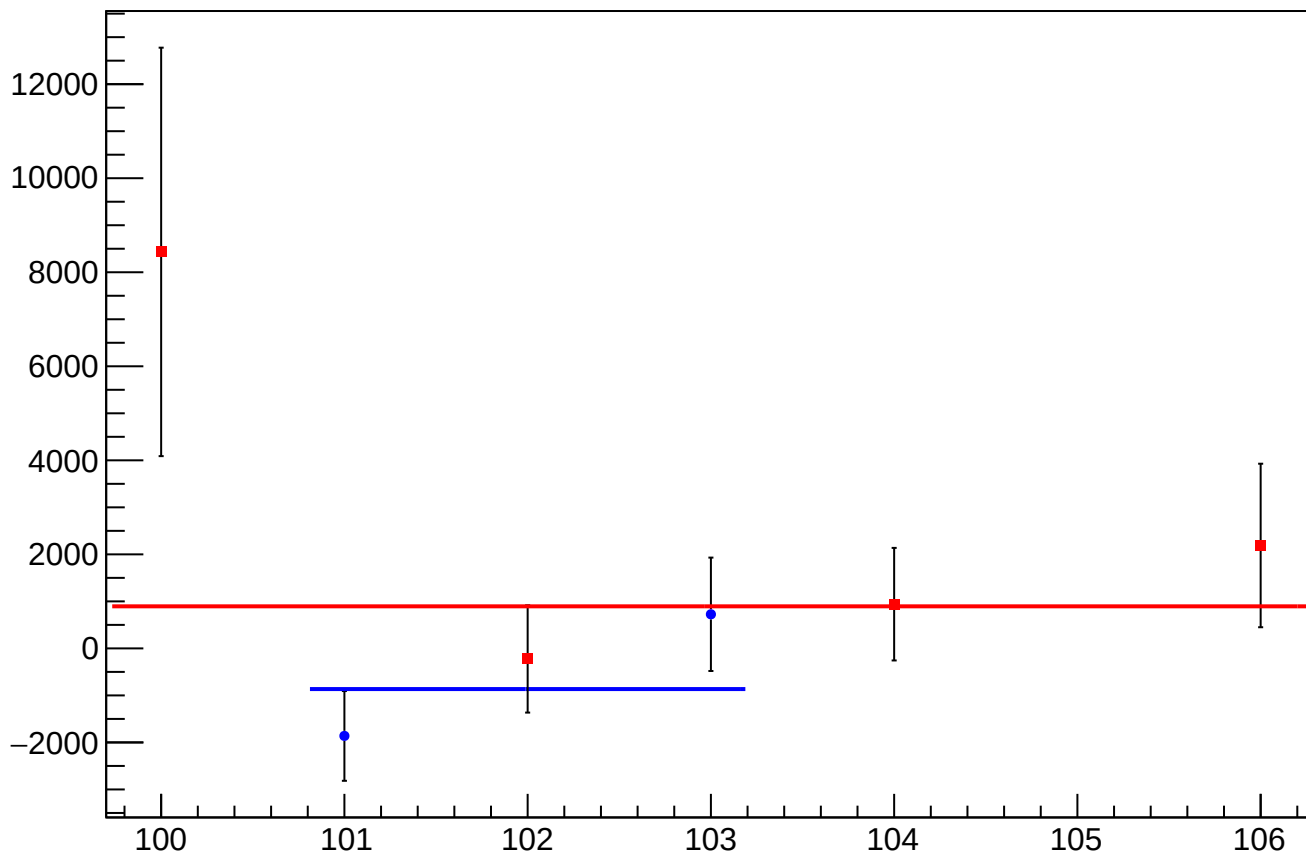
Right: 759.754 ± 0.319 χ^2/NDF : 4906.1/5

In: 747.531 ± 0.470 χ^2/NDF : 1388.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 759.754 ± 0.319 χ^2/NDF : 4906.1/5

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 894.625+/-735.265 χ^2/NDF : 4.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

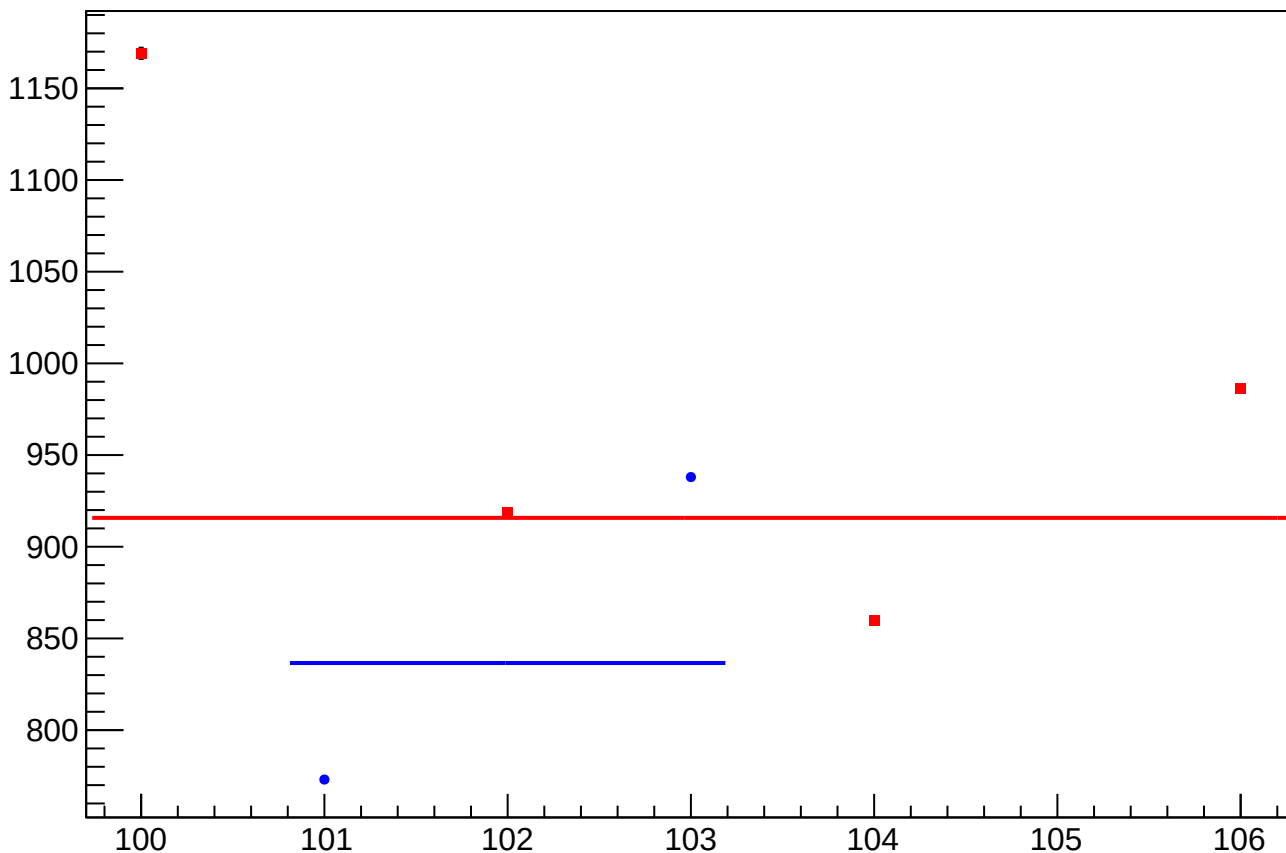
Right: 30.443+/-524.506 χ^2/NDF : 10.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.443+/-524.506 χ^2/NDF : 10.2/5

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 915.747 $\pm$ 0.520 χ^2 /NDF: 14492.4/3

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

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

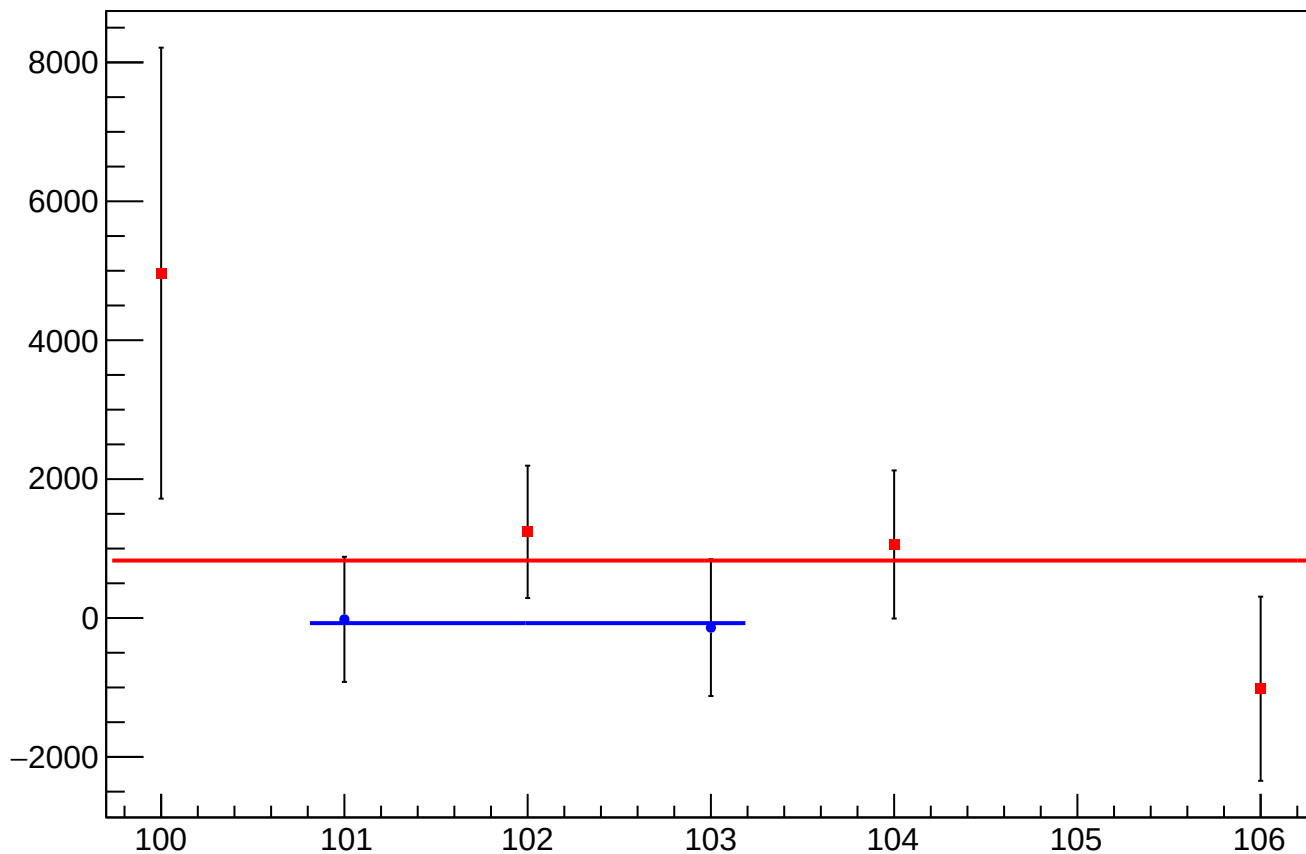
Right: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 827.785+/-614.920 χ^2/NDF : 3.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

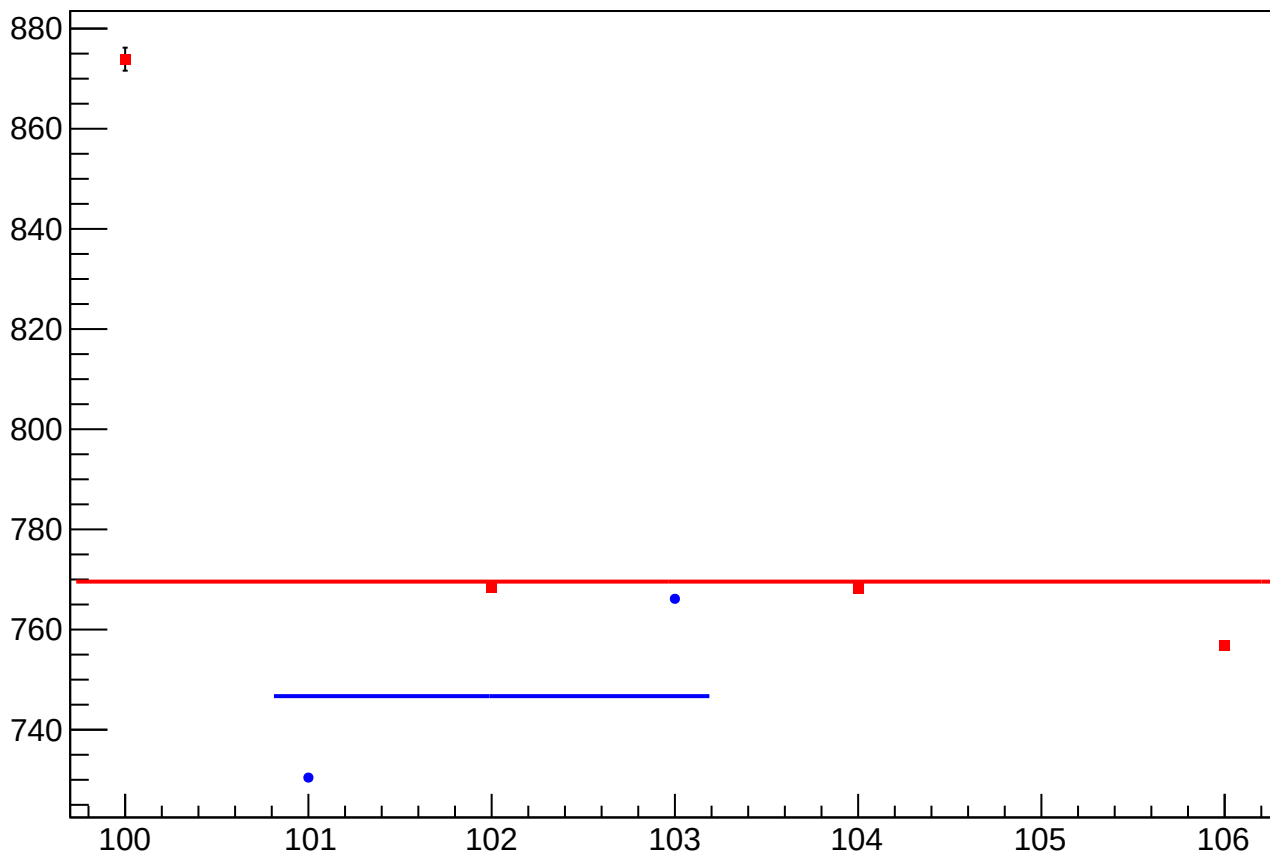
Right: 412.046+/-451.371 χ^2/NDF : 4.8/5

In: -73.649+/-664.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 412.046+/-451.371 χ^2/NDF : 4.8/5

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 746.705 $\pm$ 0.470 χ^2 /NDF: 1431.6/1

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

Right Out: 769.574 $\pm$ 0.435 χ^2 /NDF: 2256.8/3

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

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

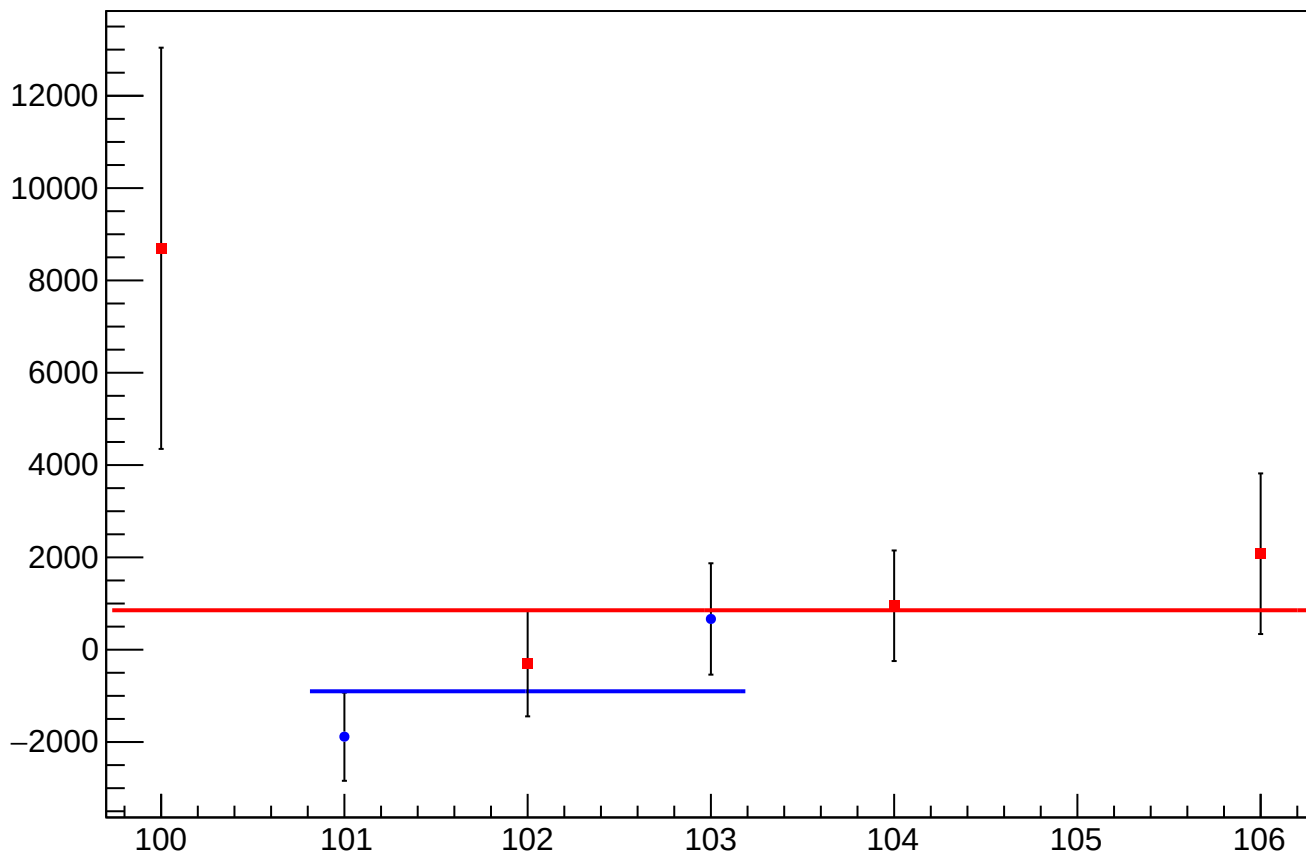
Right: 759.027 $\pm$ 0.319 χ^2 /NDF: 4964.1/5

In: 746.705 $\pm$ 0.470 χ^2 /NDF:1431.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 759.027 $\pm$ 0.319 χ^2 /NDF: 4964.1/5

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 854.329+/-735.698 χ^2/NDF : 4.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

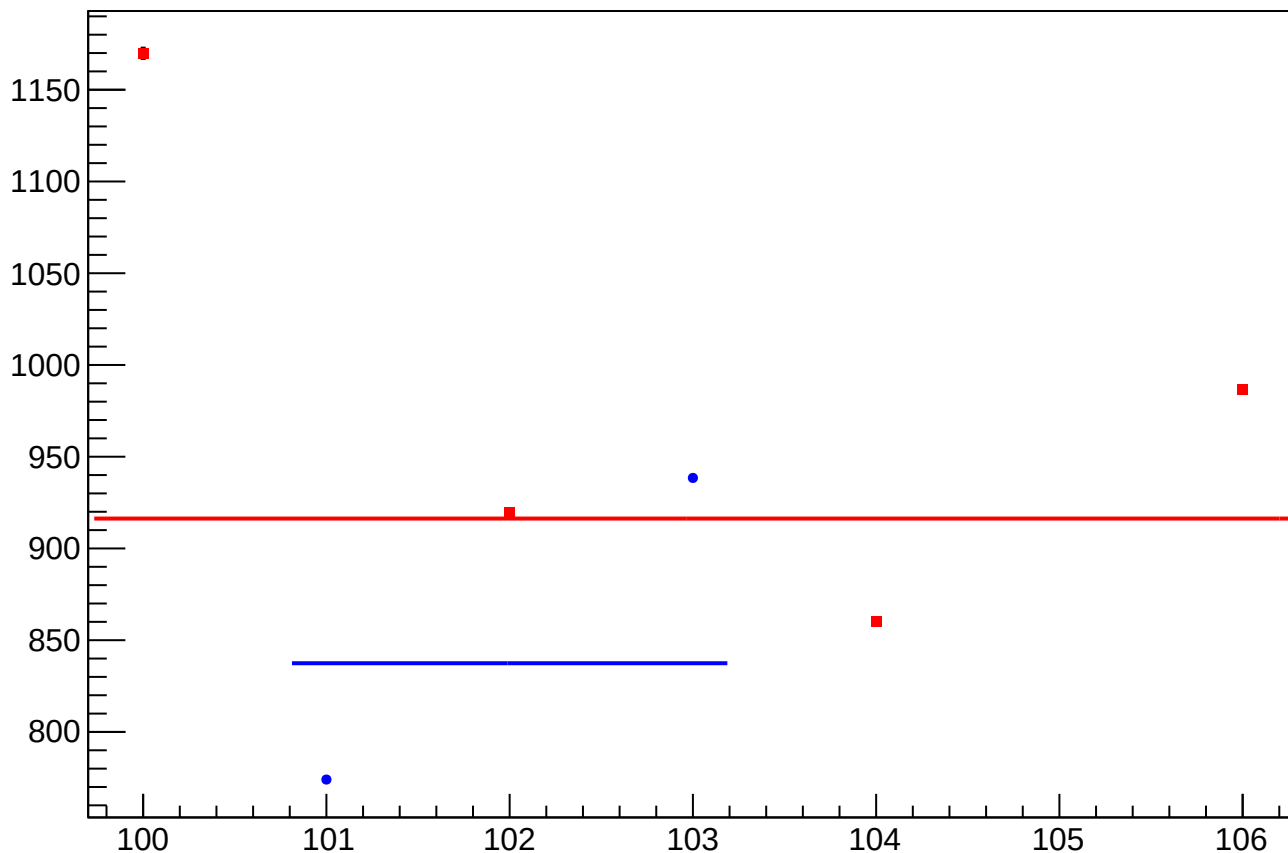
Right: -7.334+/-524.916 χ^2/NDF : 10.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.334+/-524.916 χ^2/NDF : 10.3/5

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 916.293+/-0.520 χ^2/NDF : 14470.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

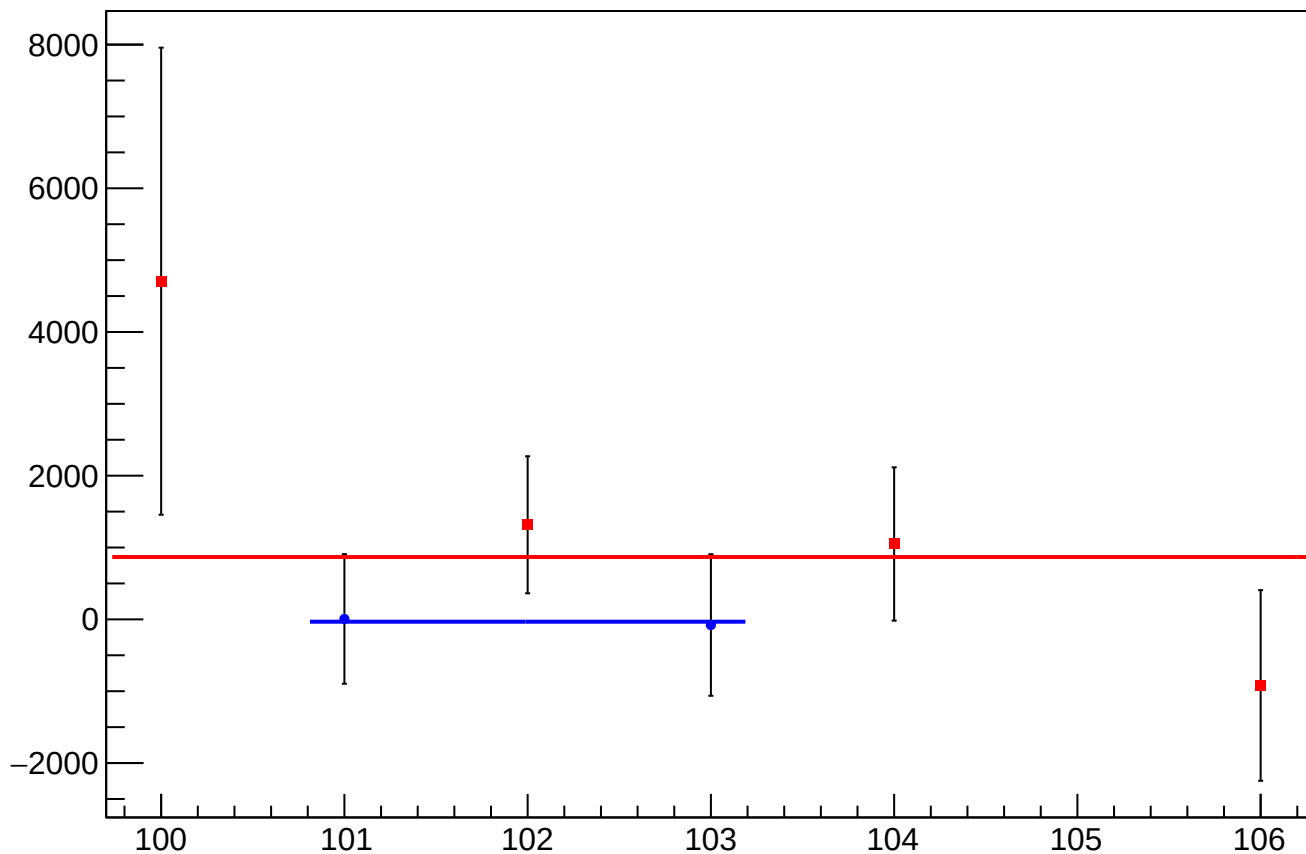
Right: 877.585+/-0.371 χ^2/NDF : 48564.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.585+/-0.371 χ^2/NDF : 48564.8/5

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 867.882+/-615.430 χ^2/NDF : 3.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

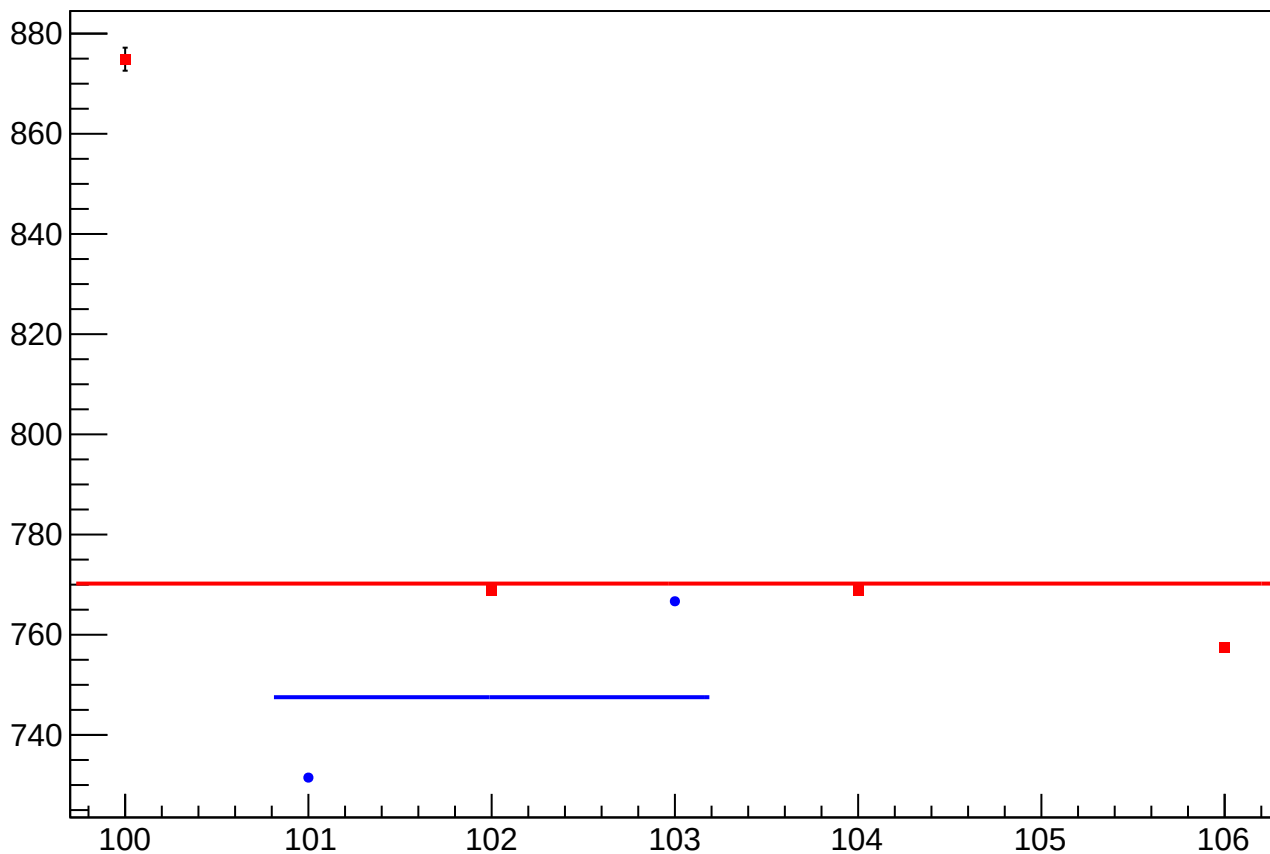
Right: 452.715+/-451.801 χ^2/NDF : 4.5/5

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.715+/-451.801 χ^2/NDF : 4.5/5

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 747.531 ± 0.470 $\chi^2/\text{NDF}: 1388.4/1$

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

Right Out: 770.211 ± 0.435 $\chi^2/\text{NDF}: 2265.4/3$

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

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

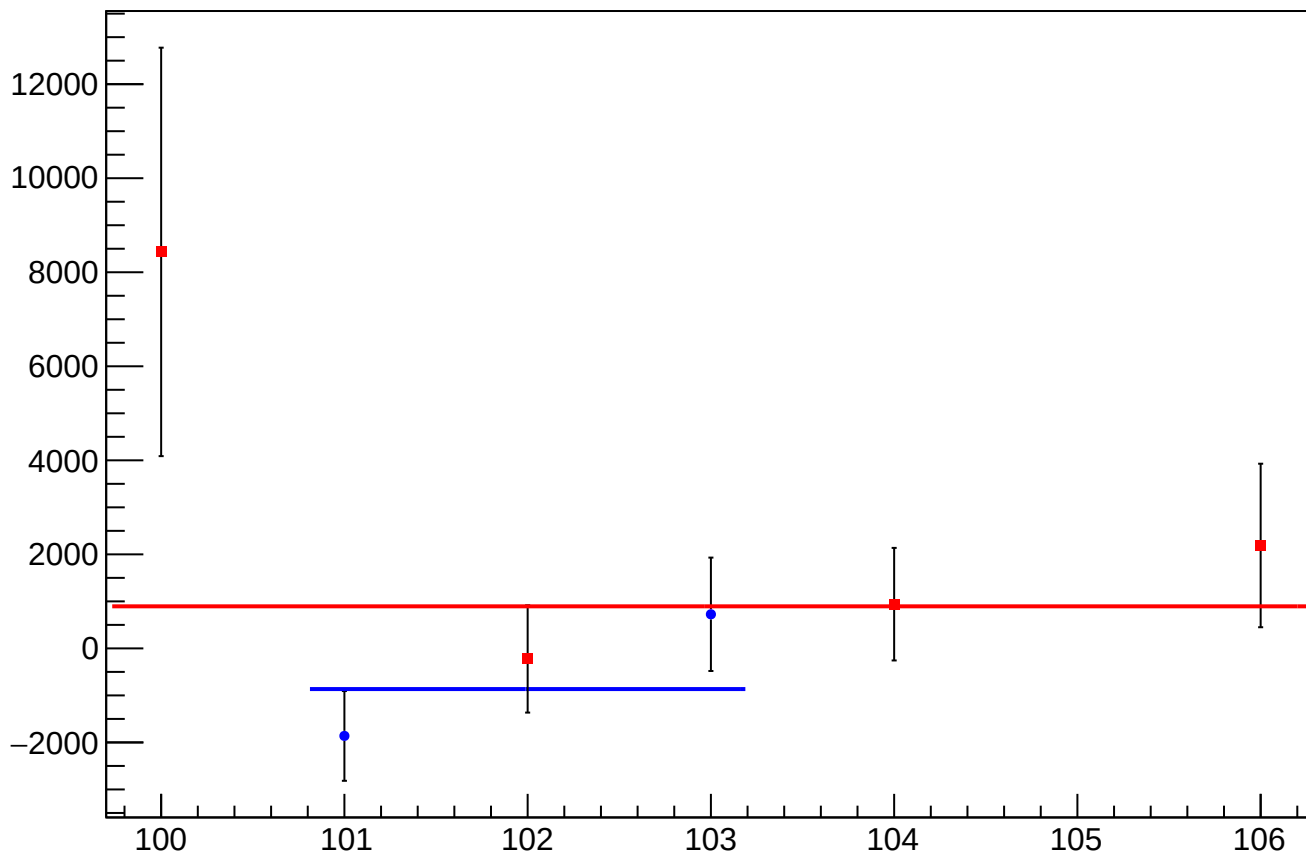
Right: 759.754 ± 0.319 $\chi^2/\text{NDF}: 4906.1/5$

In: 747.531 ± 0.470 $\chi^2/\text{NDF}: 1388.4/1$

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

All: 759.754 ± 0.319 $\chi^2/\text{NDF}: 4906.1/5$

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 894.625+/-735.265 χ^2/NDF : 4.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

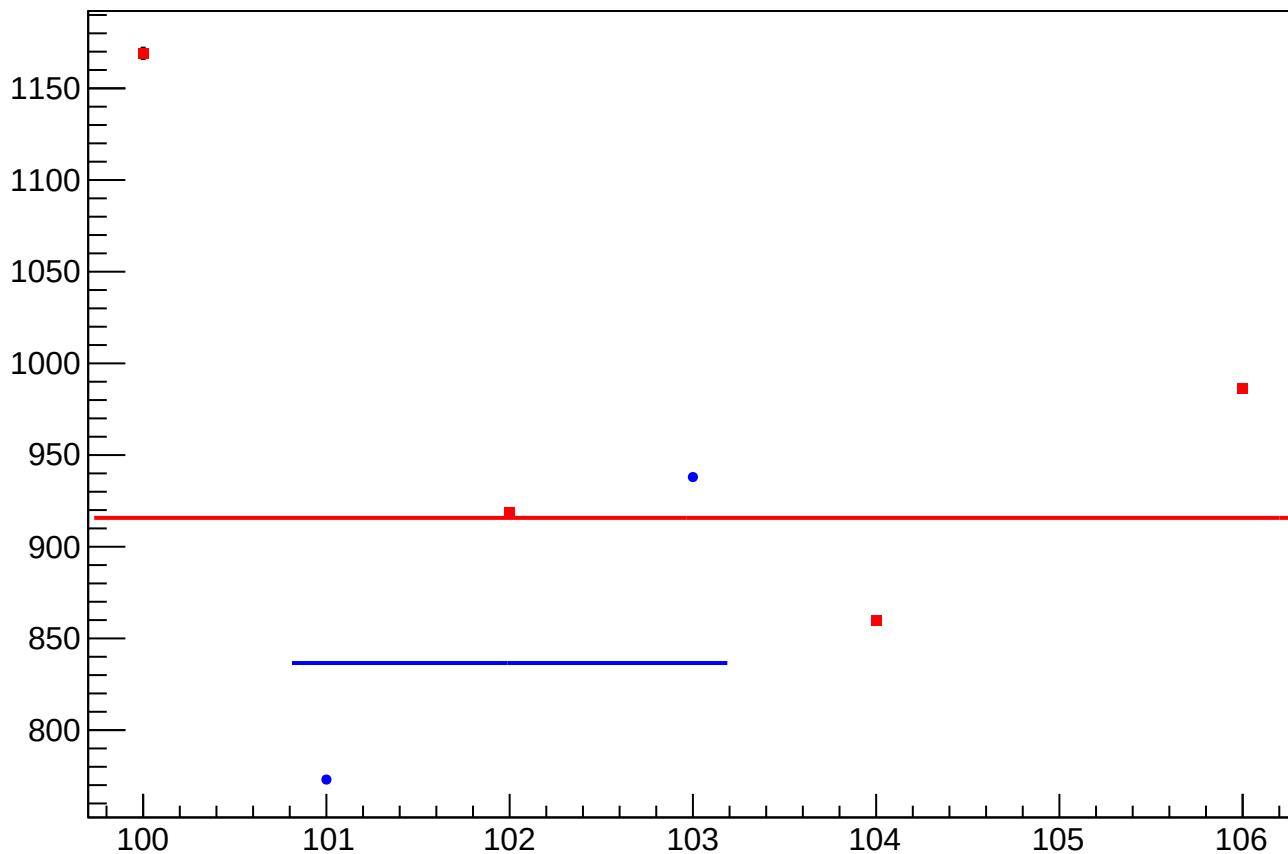
Right: 30.443+/-524.506 χ^2/NDF : 10.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.443+/-524.506 χ^2/NDF : 10.2/5

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 915.747 $\pm$ 0.520 χ^2 /NDF: 14492.4/3

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

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

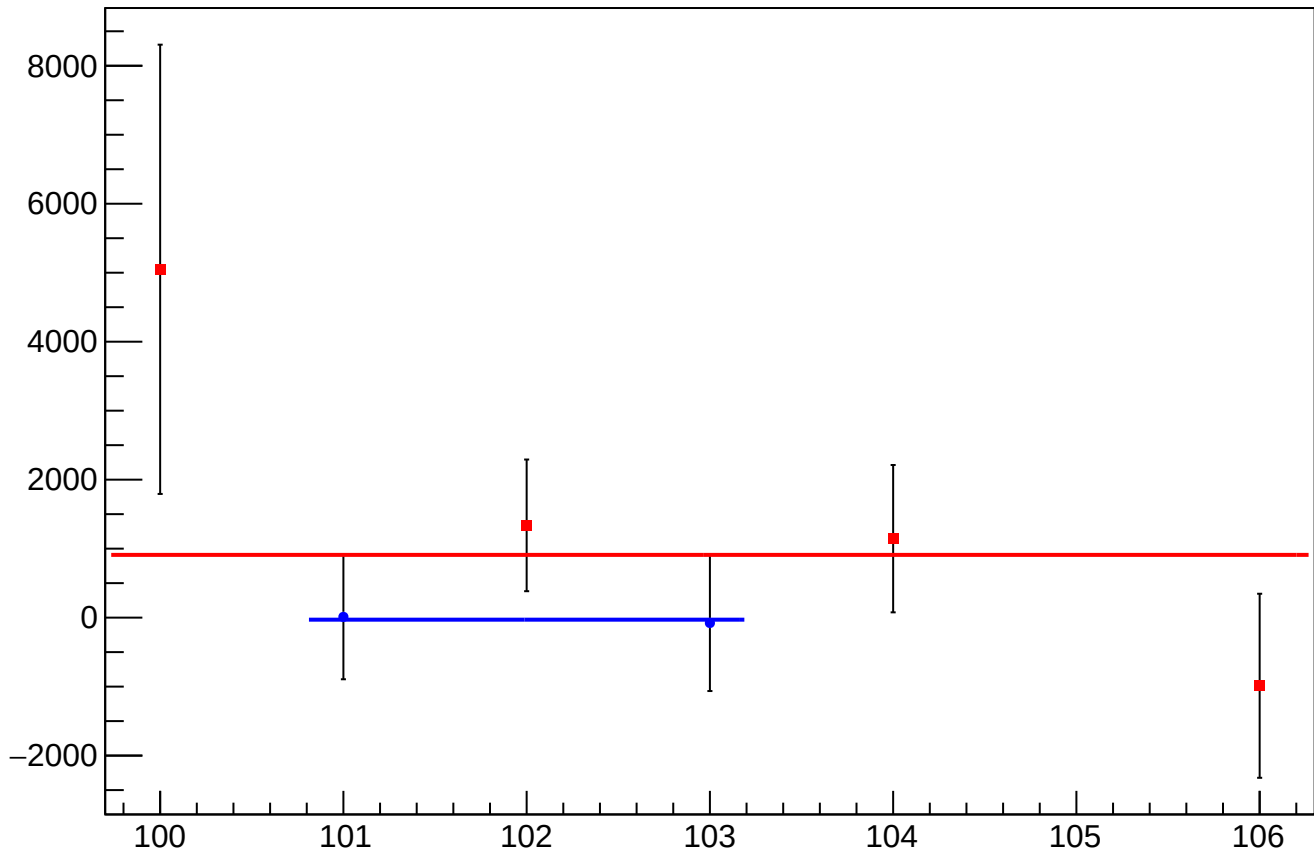
Right: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 876.870 $\pm$ 0.371 χ^2 /NDF: 48891.5/5

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -29.665 $\pm$ 666.553 χ^2 /NDF: 0.0/1

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

Right Out: 909.545 $\pm$ 616.547 χ^2 /NDF: 3.9/3

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

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

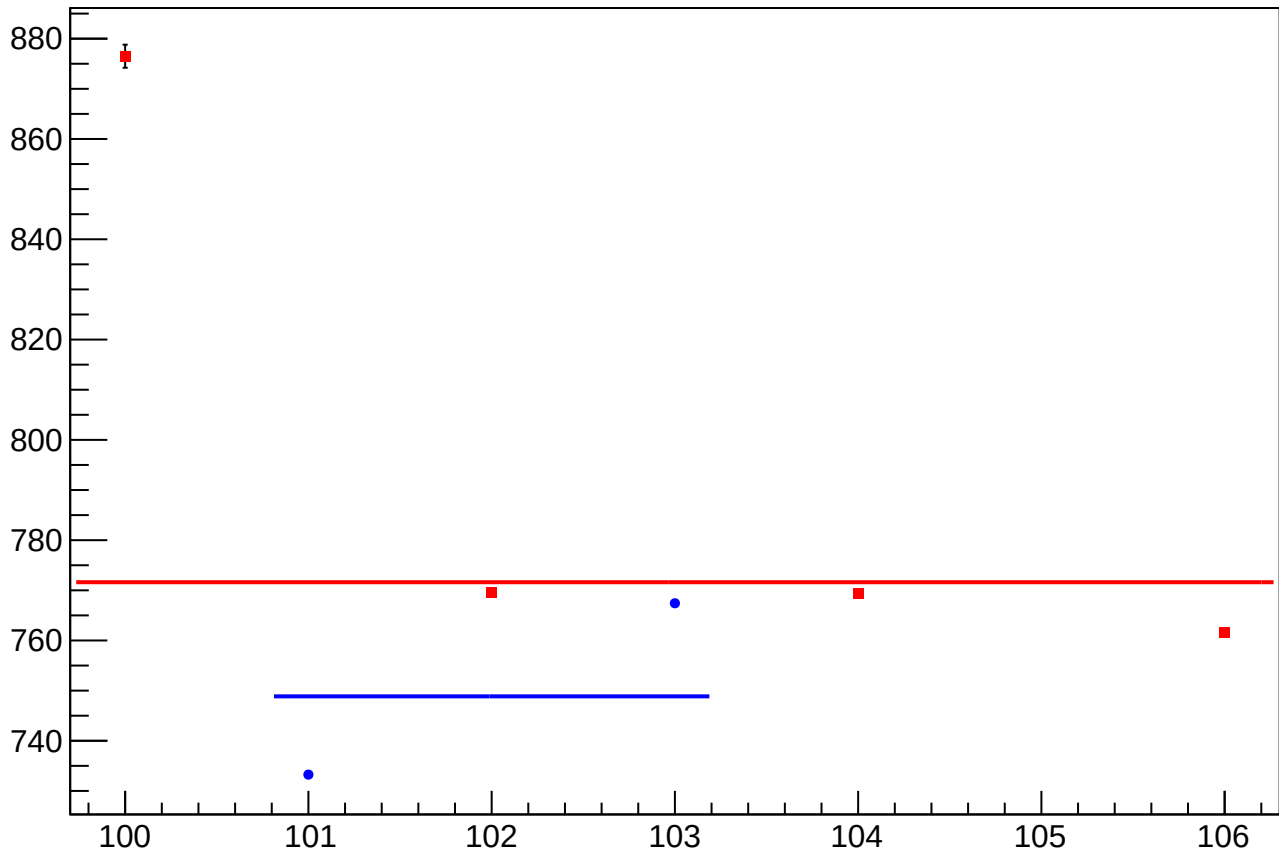
Right: 476.488 $\pm$ 452.612 χ^2 /NDF: 5.0/5

In: -29.665 $\pm$ 666.553 χ^2 /NDF: 0.0/1

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

All: 476.488 $\pm$ 452.612 χ^2 /NDF: 5.0/5

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 748.860 $\pm$ 0.471 χ^2 /NDF: 1303.6/1

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

Right Out: 771.618 $\pm$ 0.436 χ^2 /NDF: 2206.1/3

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

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

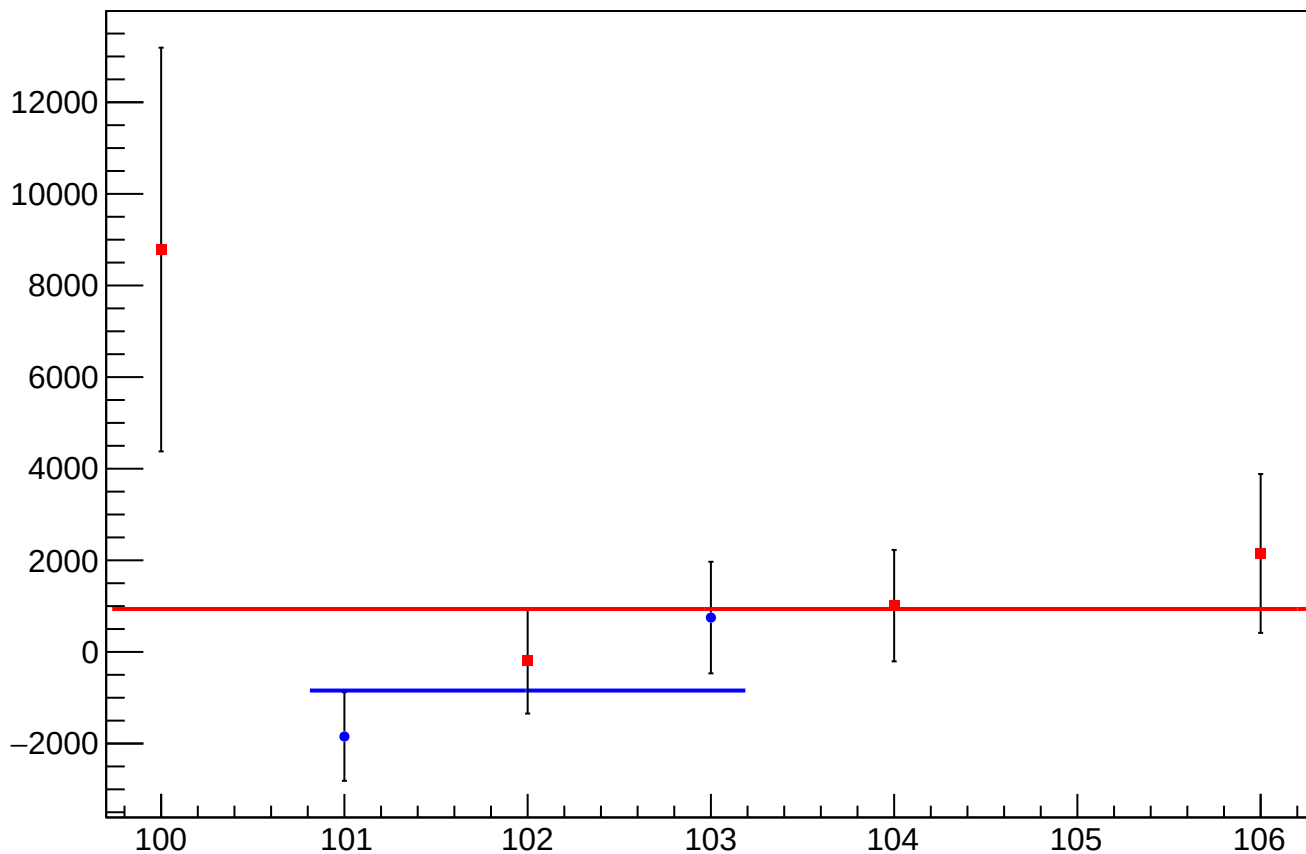
Right: 761.125 $\pm$ 0.320 χ^2 /NDF: 4766.2/5

In: 748.860 $\pm$ 0.471 χ^2 /NDF: 1303.6/1

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

All: 761.125 $\pm$ 0.320 χ^2 /NDF: 4766.2/5

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 937.797+/-742.104 χ^2/NDF : 4.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

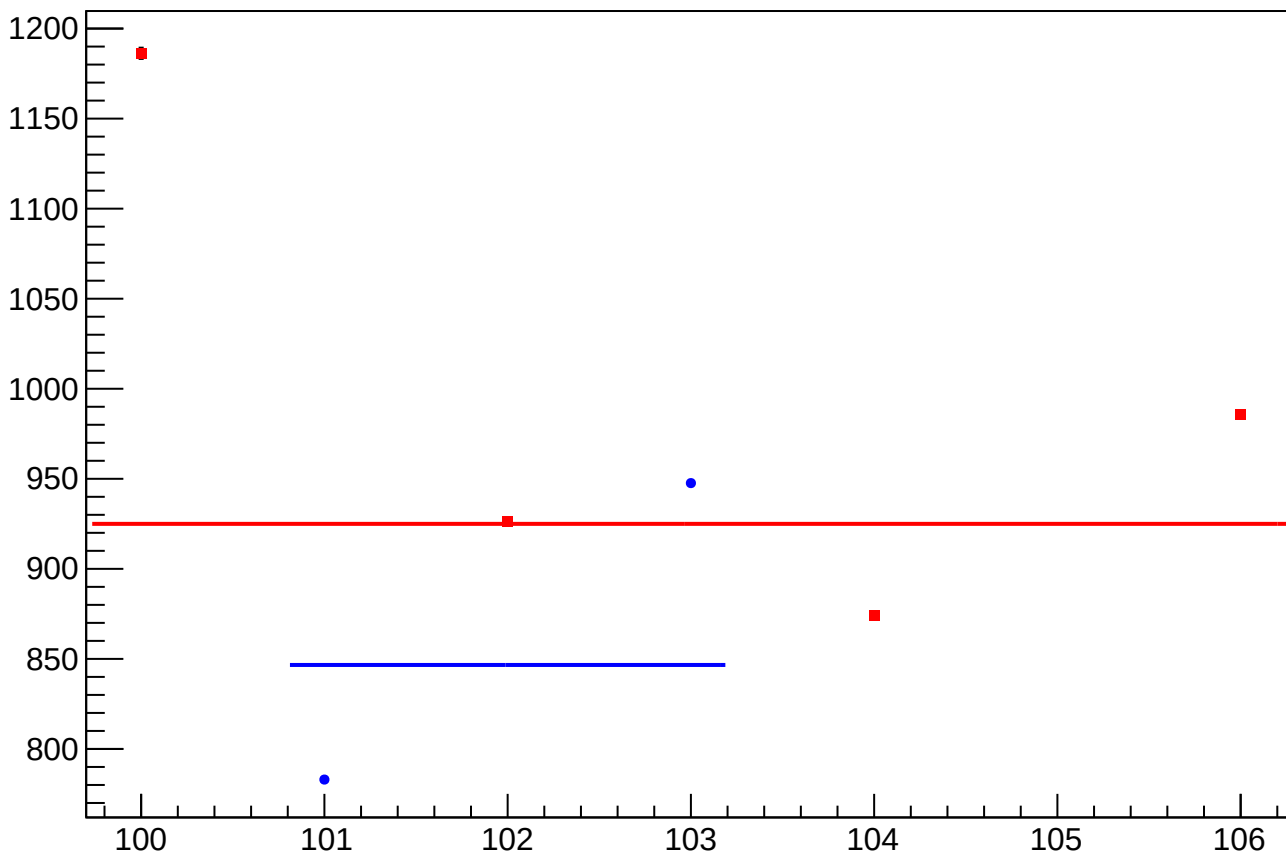
Right: 65.647+/-530.073 χ^2/NDF : 10.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.647+/-530.073 χ^2/NDF : 10.2/5

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 924.980 $\pm$ 0.525 χ^2 /NDF: 12985.9/3

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

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

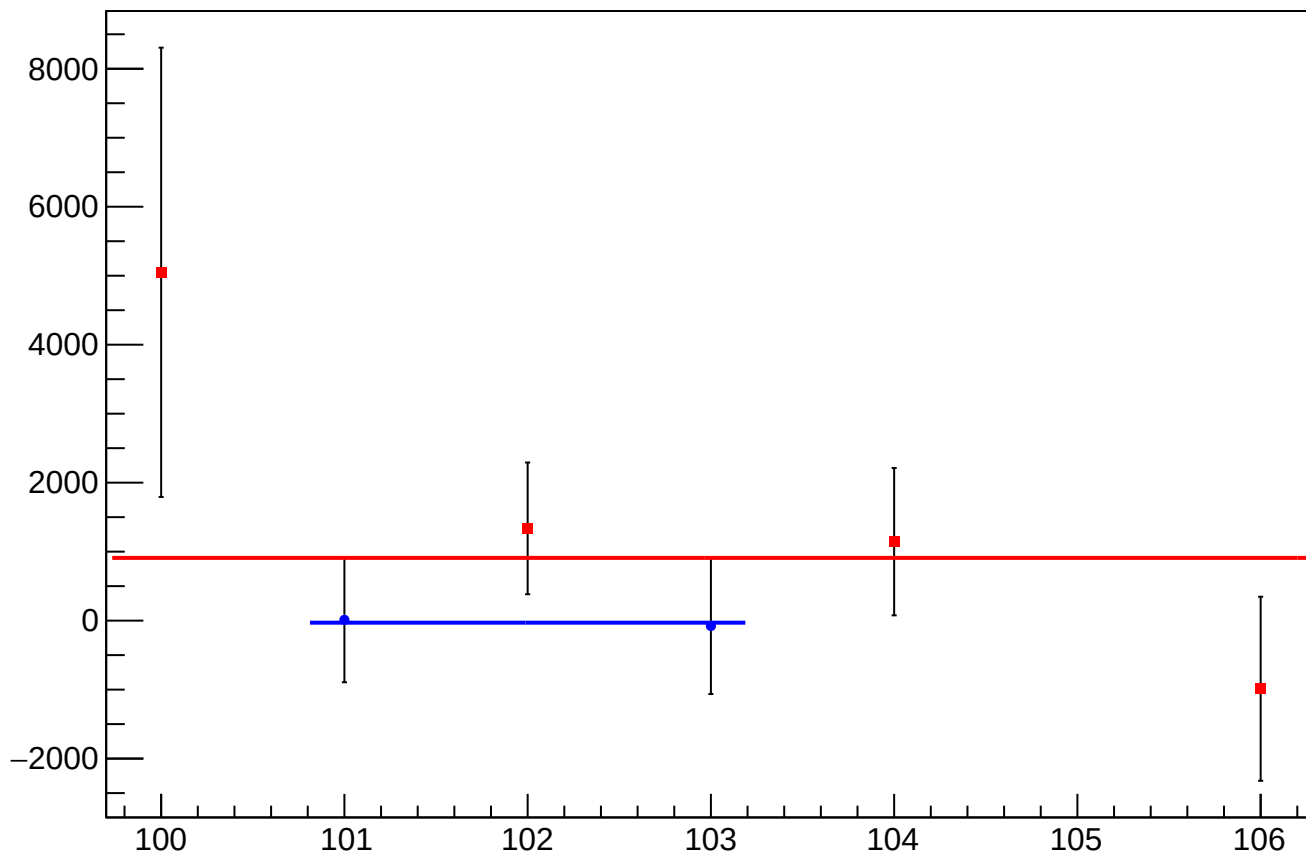
Right: 886.607 $\pm$ 0.375 χ^2 /NDF: 46308.1/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 886.607 $\pm$ 0.375 χ^2 /NDF: 46308.1/5

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 909.547 ± 616.547 χ^2/NDF : 3.9/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

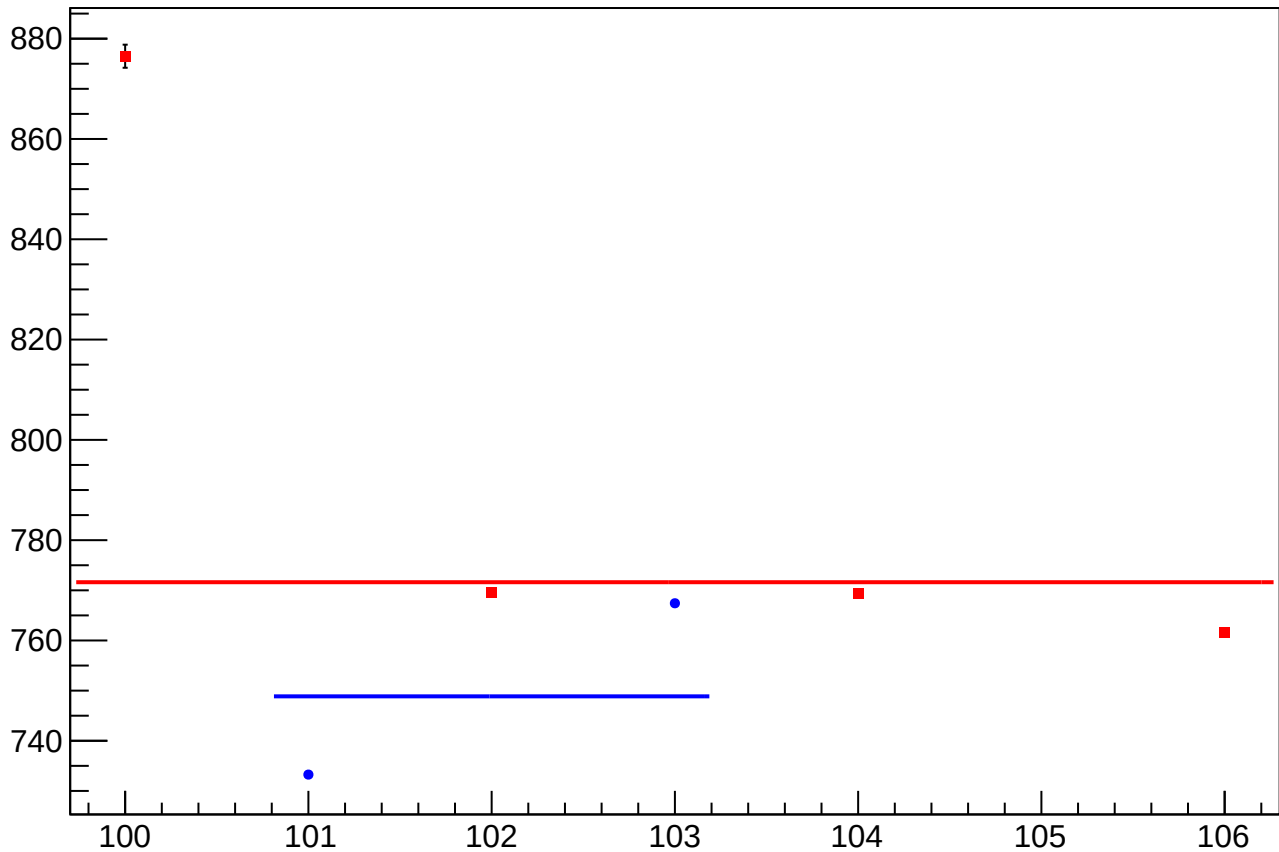
Right: 476.490 ± 452.612 χ^2/NDF : 5.0/5

In: -29.662 ± 666.553 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 476.490 ± 452.612 χ^2/NDF : 5.0/5

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 771.618+/-0.436 χ^2/NDF : 2206.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

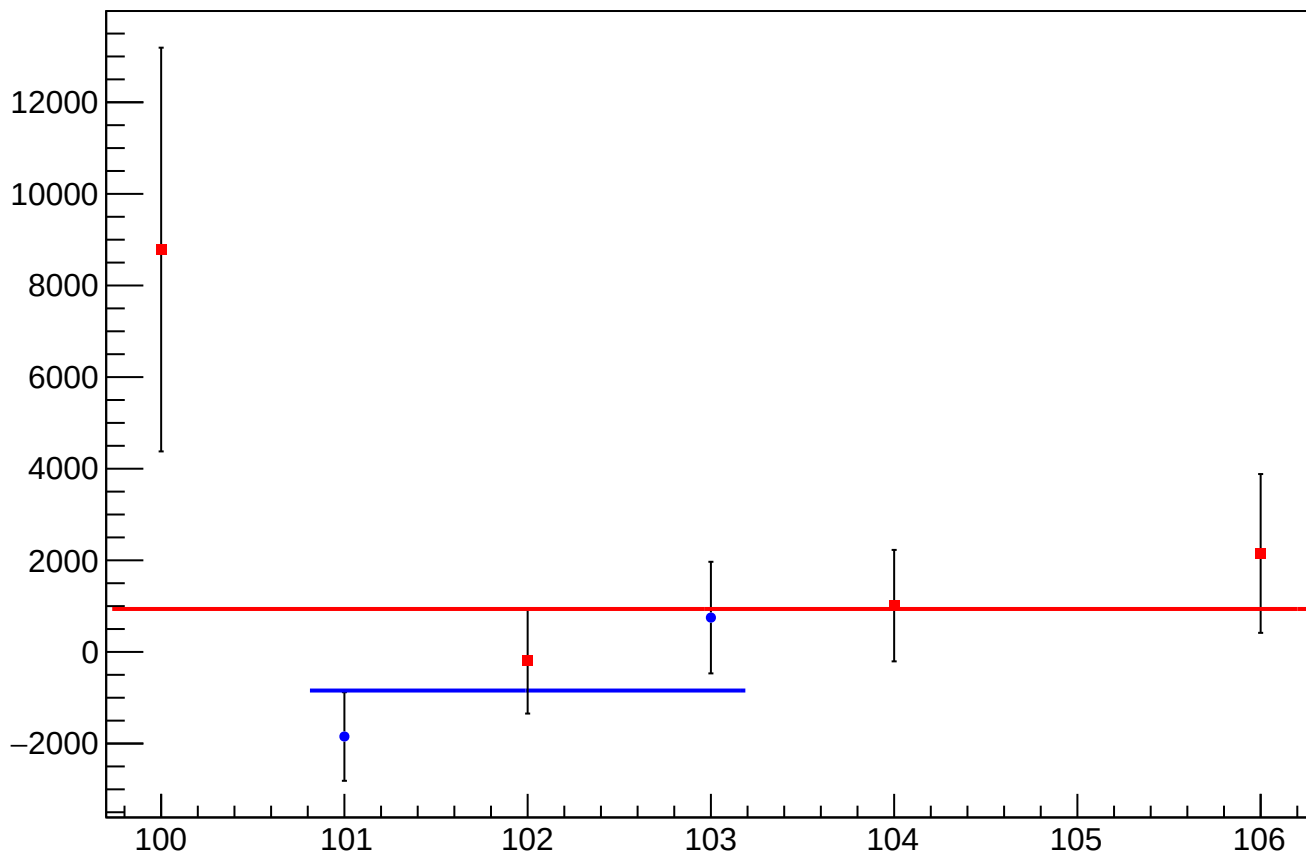
Right: 761.125+/-0.320 χ^2/NDF : 4766.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.125+/-0.320 χ^2/NDF : 4766.2/5

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 937.802+/-742.107 χ^2/NDF : 4.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

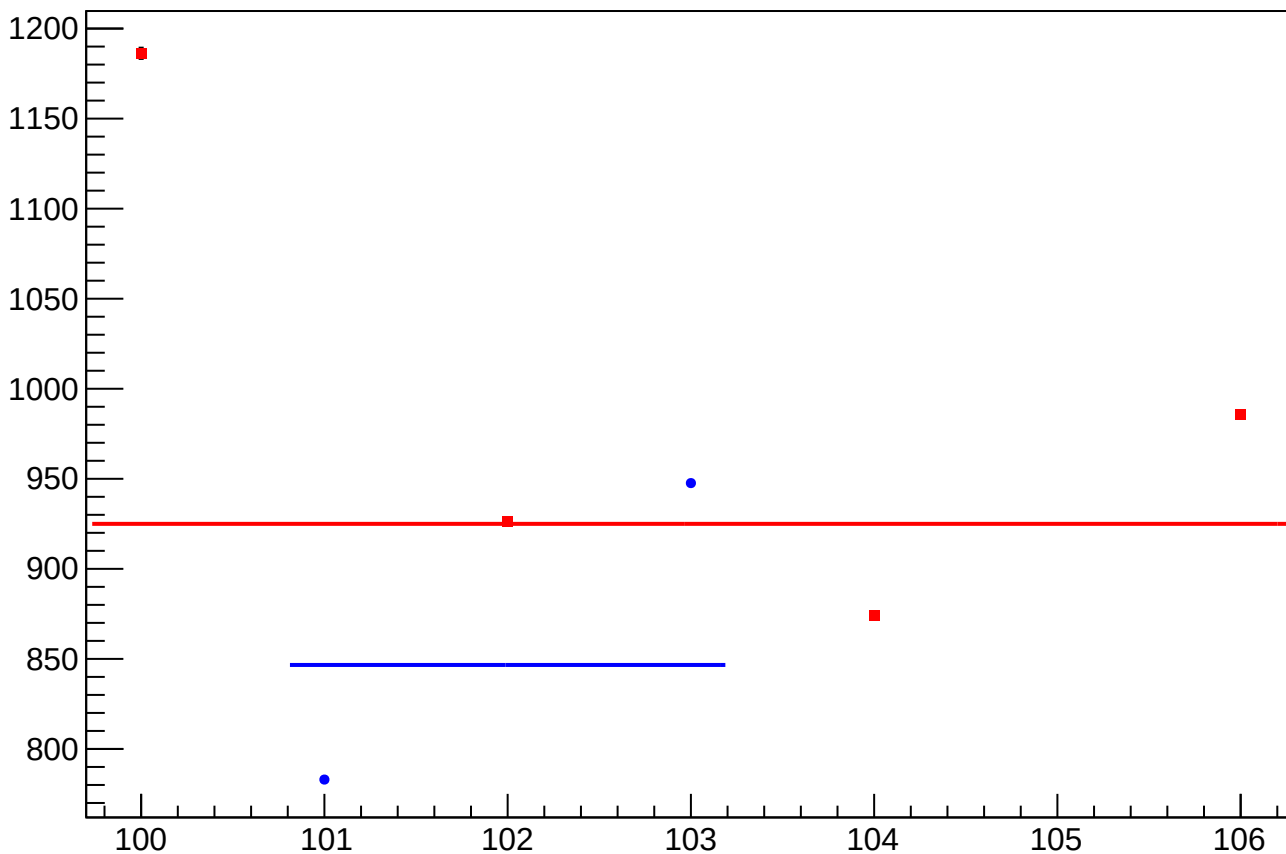
Right: 65.645+/-530.074 χ^2/NDF : 10.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.645+/-530.074 χ^2/NDF : 10.2/5

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 924.984+/-0.525 χ^2/NDF : 12985.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

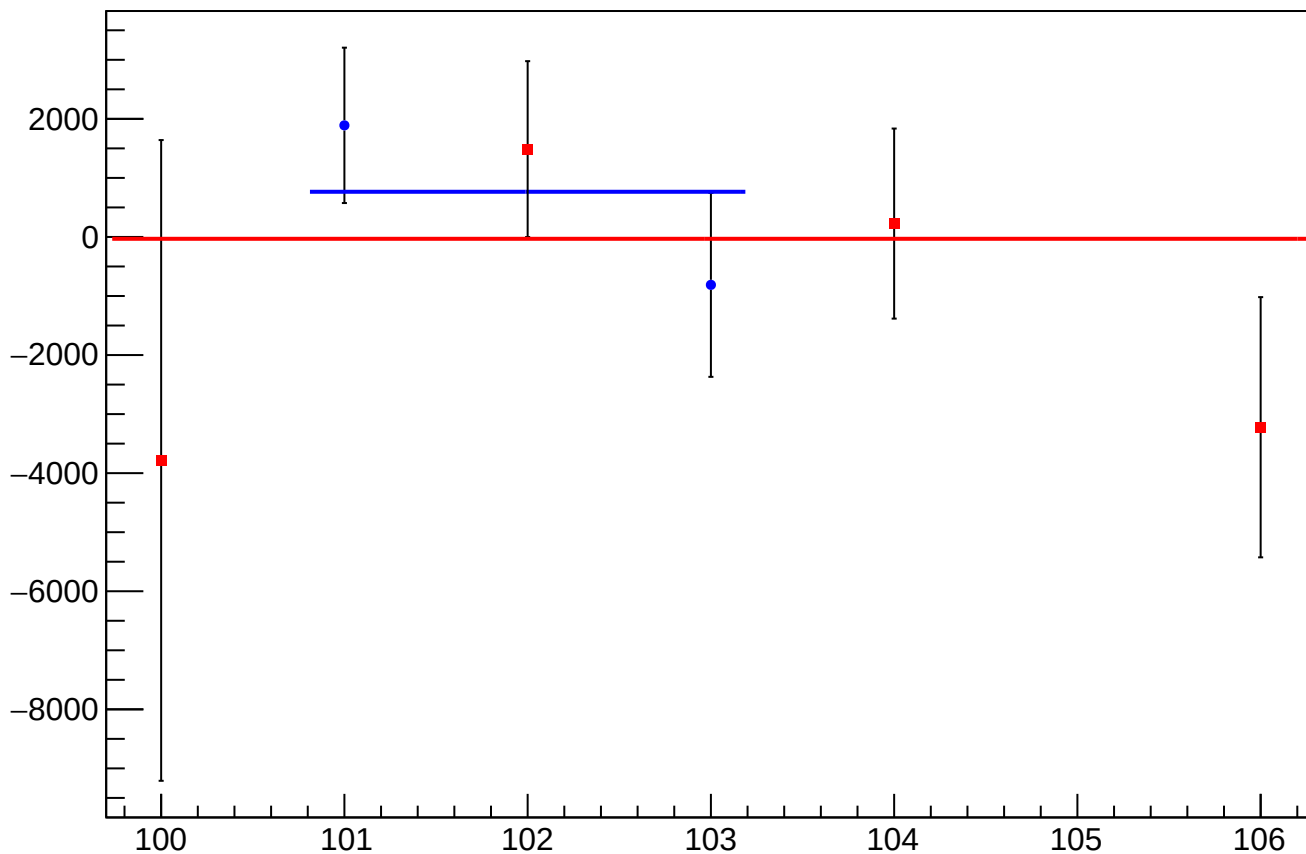
Right: 886.609+/-0.375 χ^2/NDF : 46309.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 886.609+/-0.375 χ^2/NDF : 46309.3/5

asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -31.186+/-963.558 χ^2/NDF : 3.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

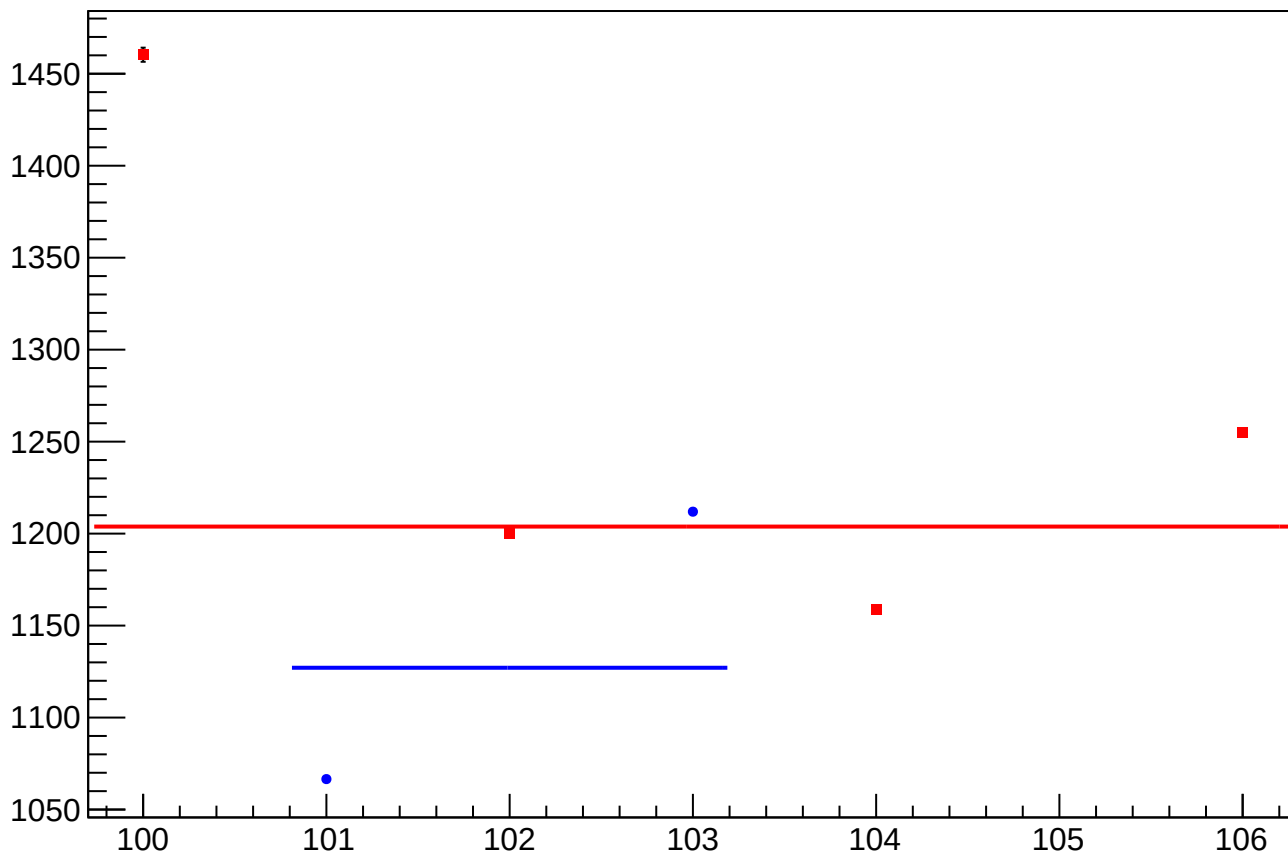
Right: 350.234+/-695.566 χ^2/NDF : 5.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.234+/-695.566 χ^2/NDF : 5.7/5

asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1203.827+/-0.681 χ^2/NDF : 7134.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

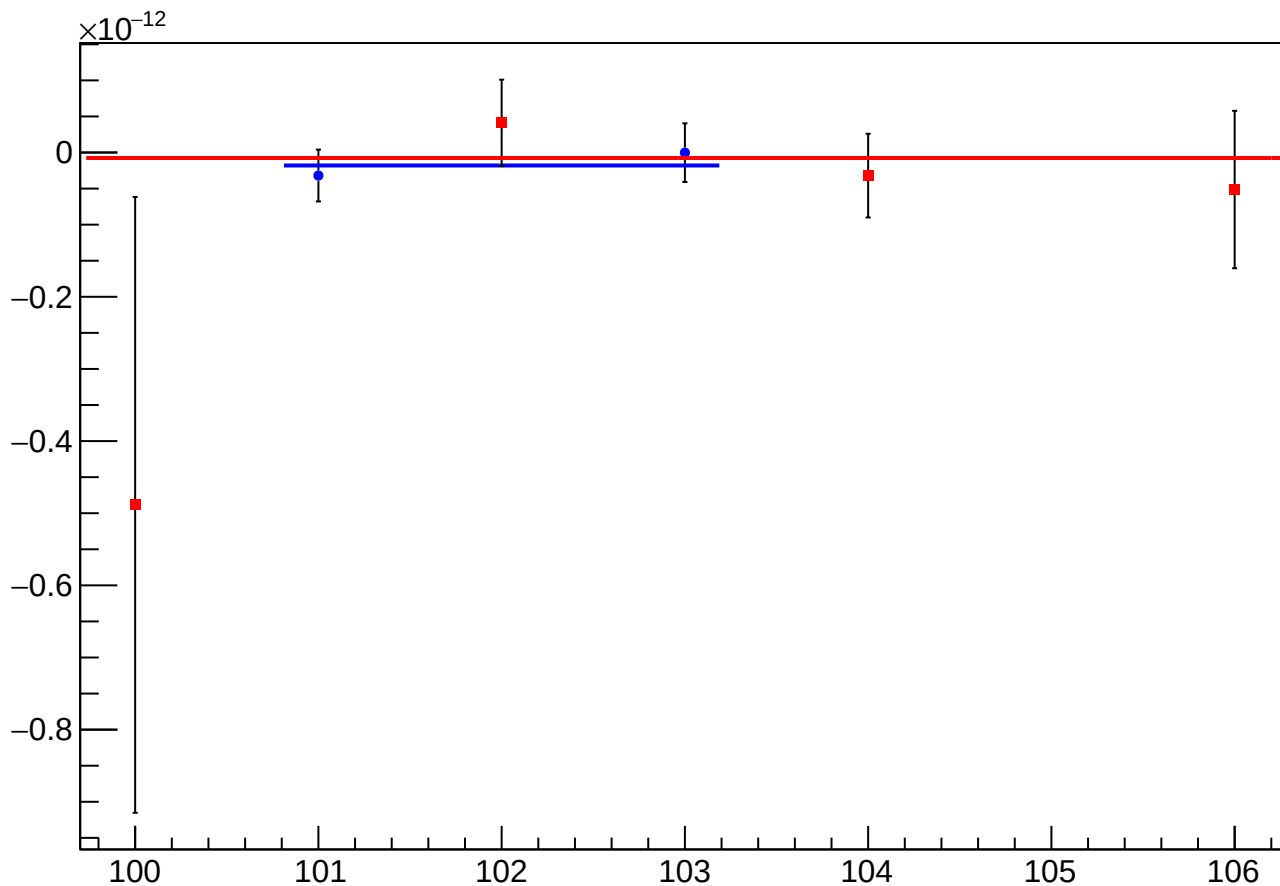
Right: 1167.072+/-0.492 χ^2/NDF : 23377.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.072+/-0.492 χ^2/NDF : 23377.1/5

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

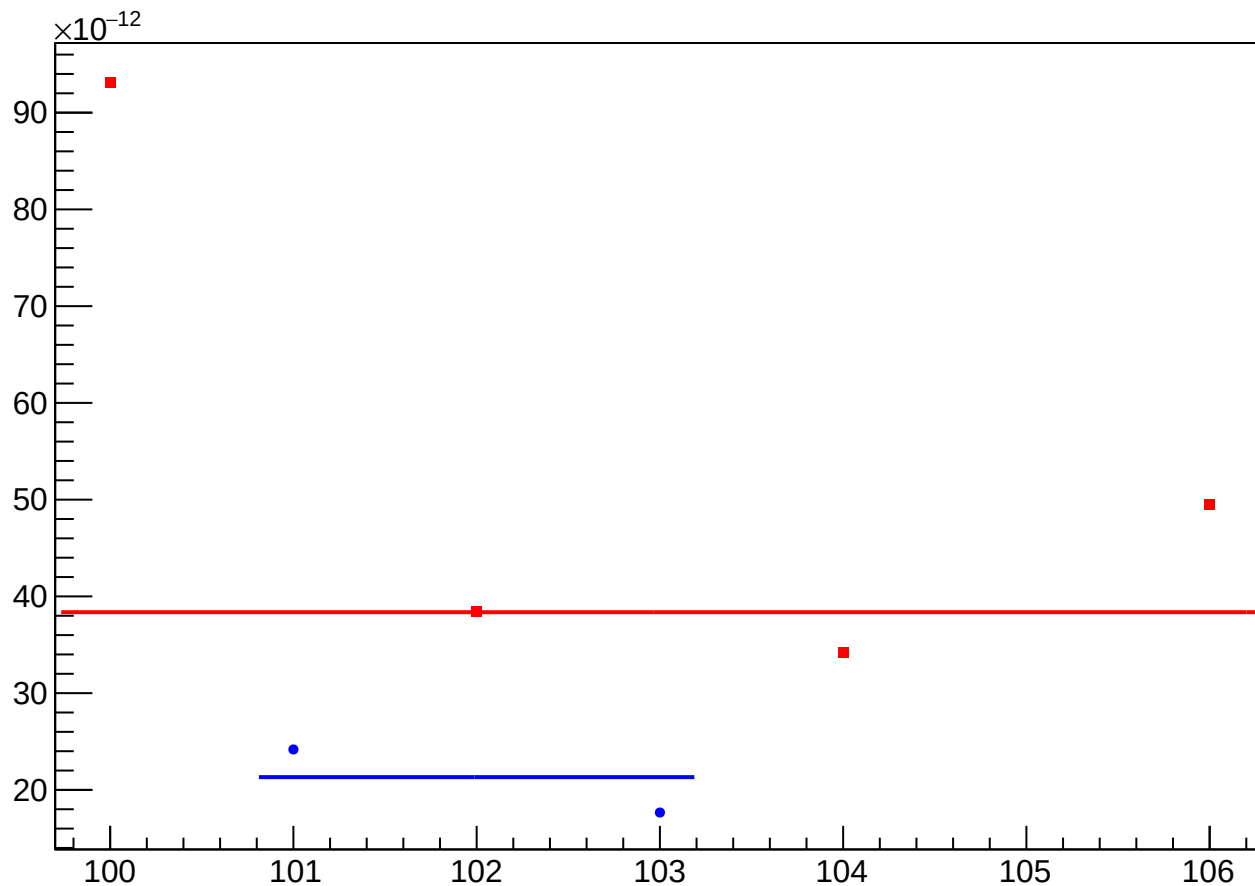
Right: -0.000+/-0.000 χ^2 /NDF: 2.7/5

In: -0.000+/-0.000 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.7/5

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 64399.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

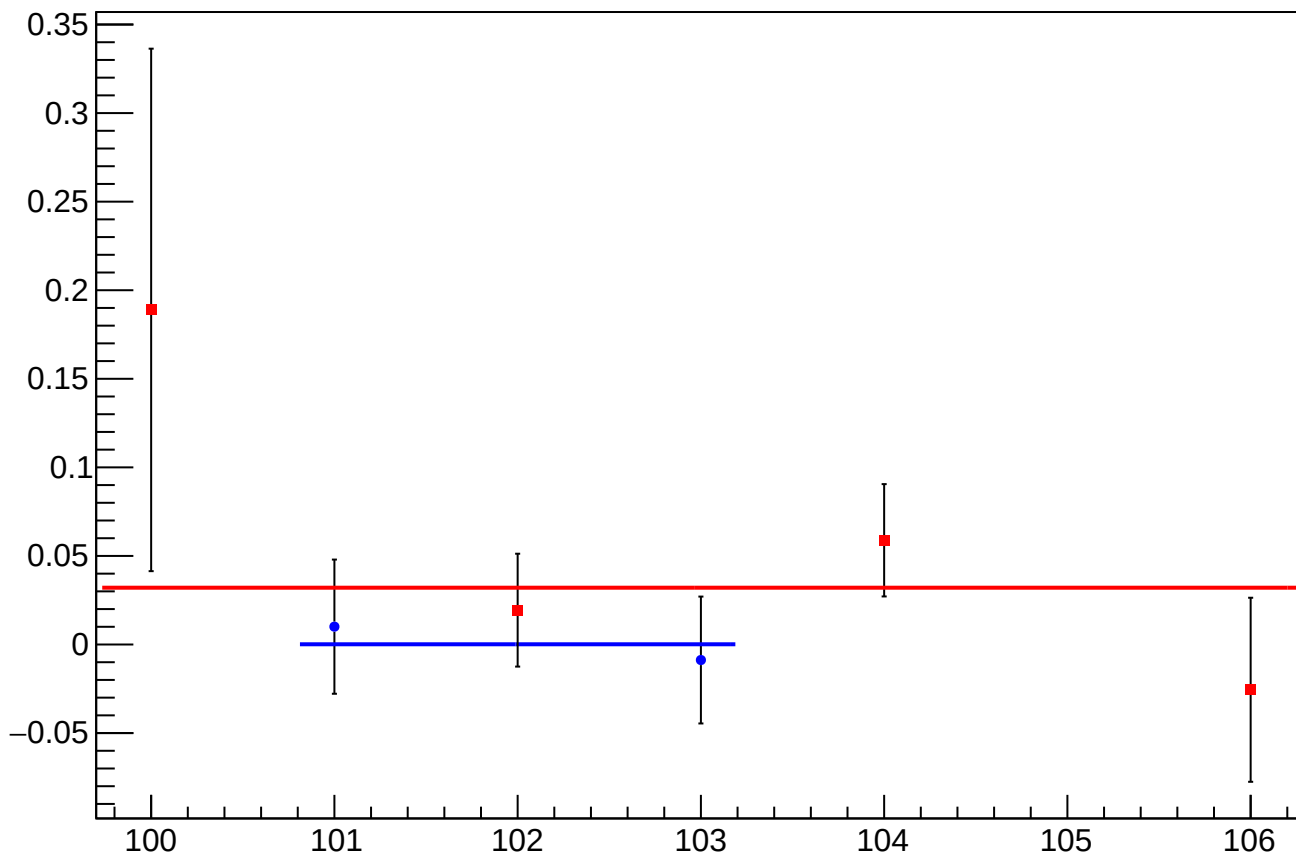
Right: 0.000+/-0.000 χ^2/NDF : 354130.3/5

In: 0.000+/-0.000 χ^2/NDF : 28870.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 354130.3/5

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.032 $\pm$ 0.020 χ^2 /NDF: 3.2/3

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

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

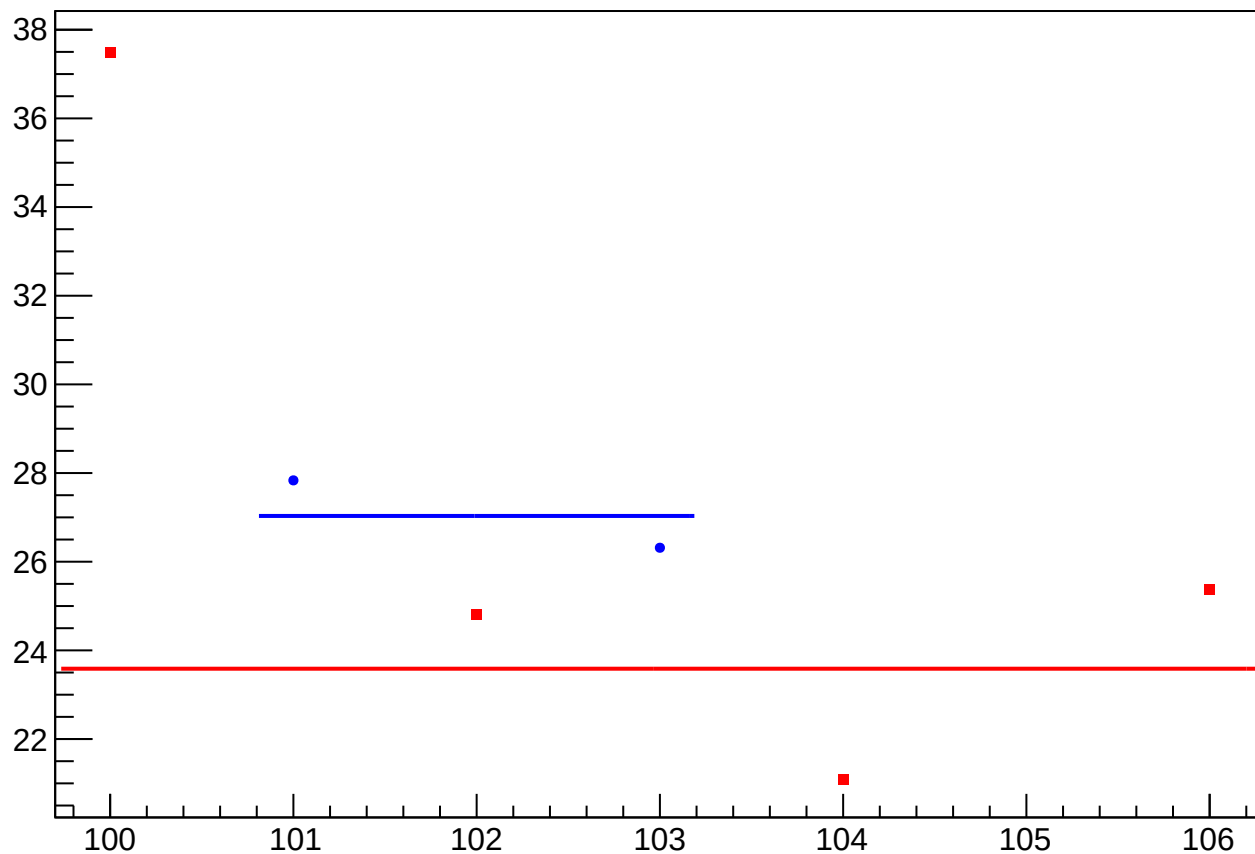
Right: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

In: 0.000 $\pm$ 0.026 χ^2 /NDF: 0.1/1

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

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032 $\pm$ 0.018 χ^2 /NDF: 1700.5/1

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

Right Out: 23.586 $\pm$ 0.014 χ^2 /NDF: 35516.4/3

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

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

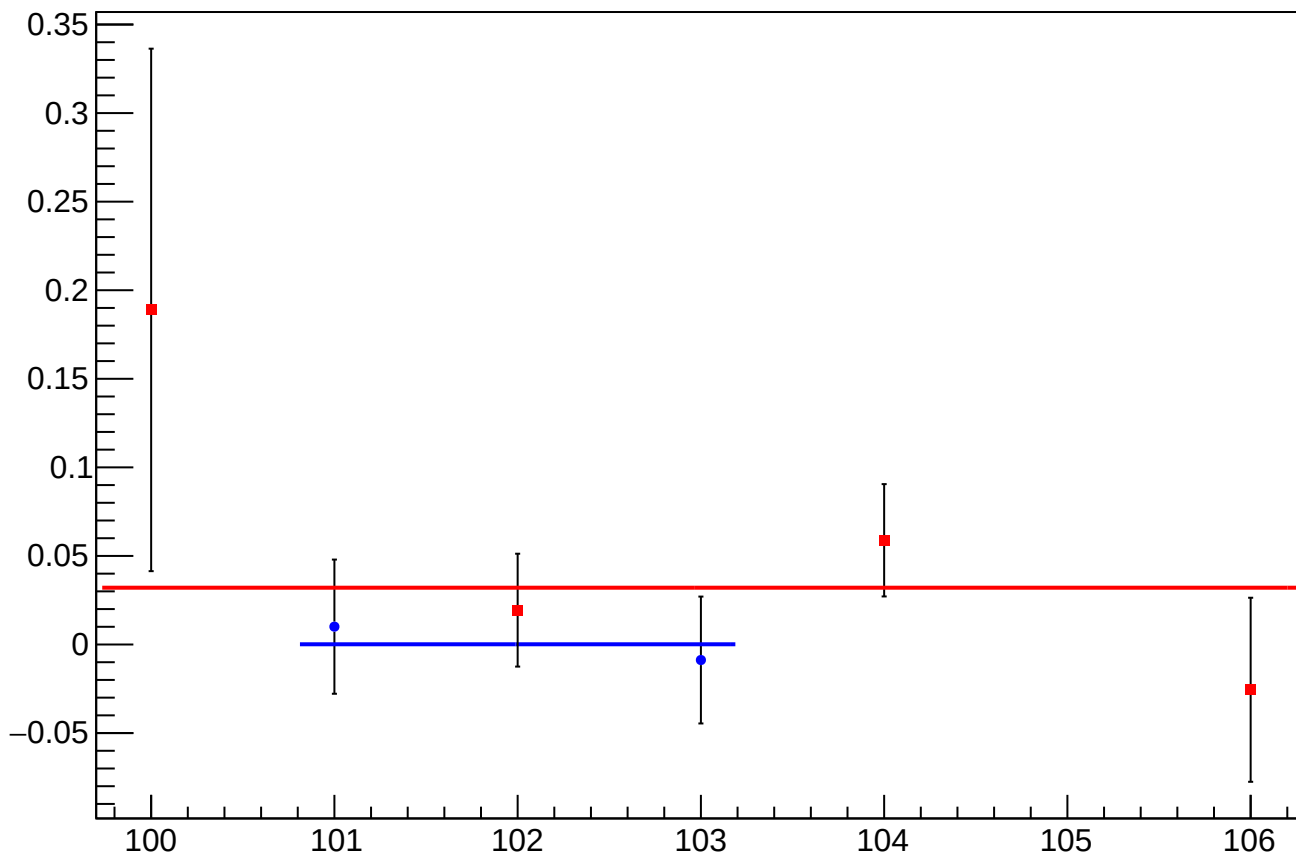
Right: 24.900 $\pm$ 0.011 χ^2 /NDF: 58916.0/5

In: 27.032 $\pm$ 0.018 χ^2 /NDF:1700.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 24.900 $\pm$ 0.011 χ^2 /NDF: 58916.0/5

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.032 $\pm$ 0.020 χ^2 /NDF: 3.2/3

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

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

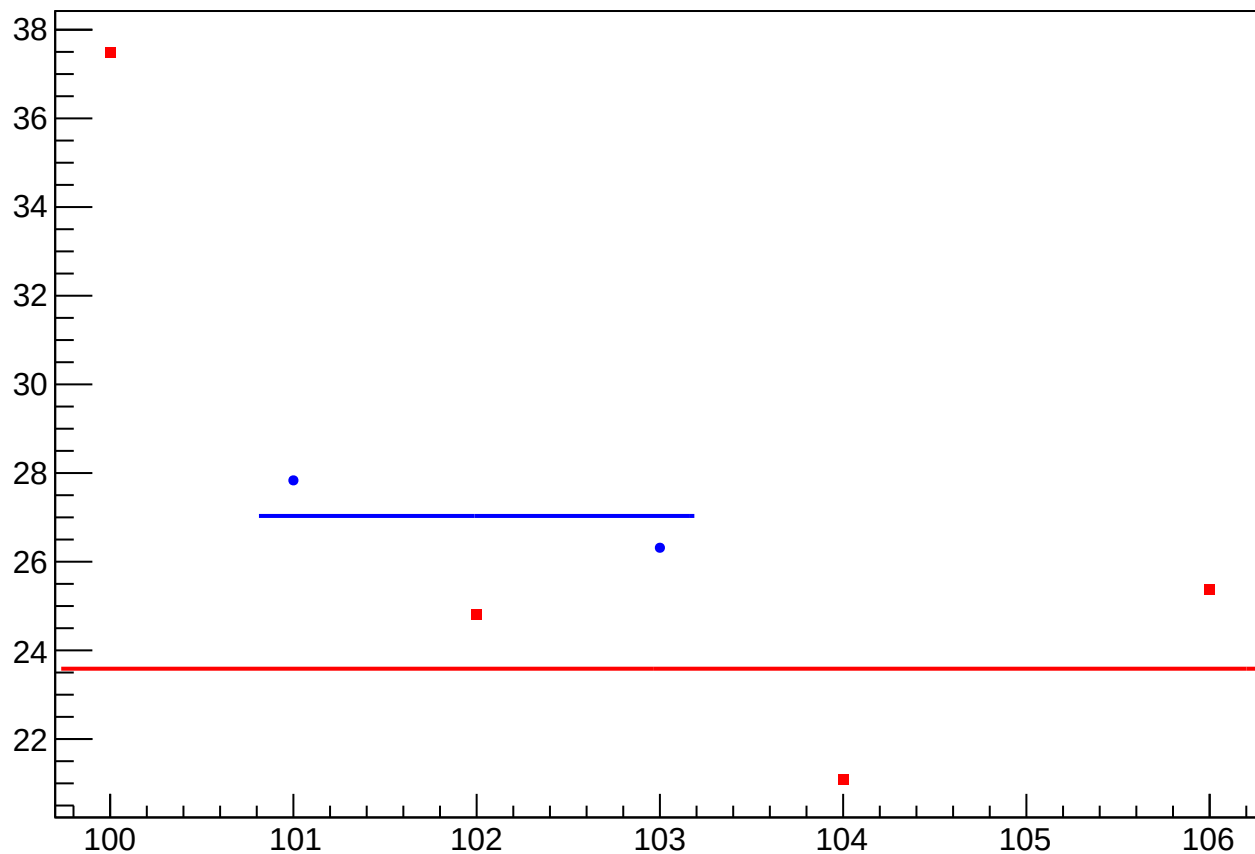
Right: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

In: 0.000 $\pm$ 0.026 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032 ± 0.018 $\chi^2/\text{NDF}: 1700.5/1$

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

Right Out: 23.586 ± 0.014 $\chi^2/\text{NDF}: 35516.4/3$

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

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

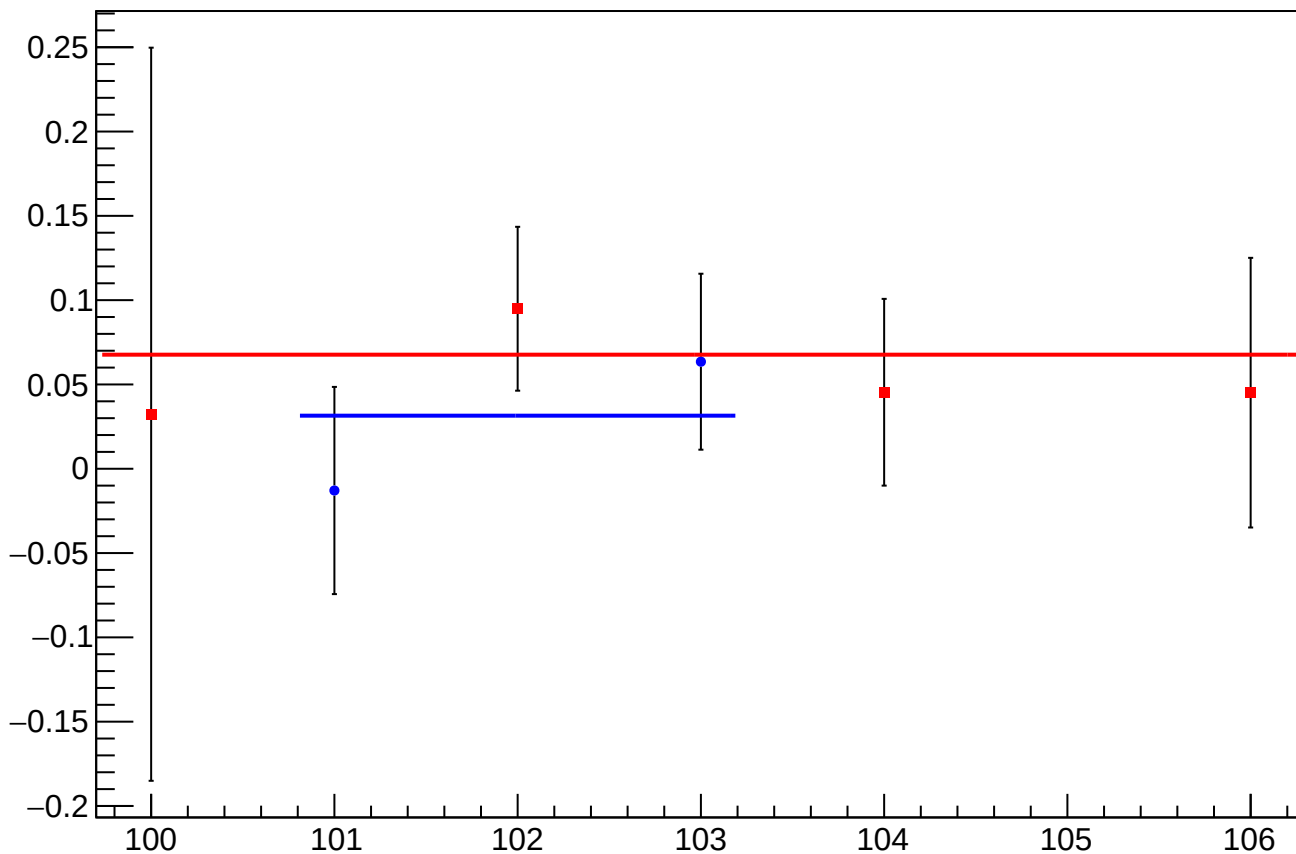
Right: 24.900 ± 0.011 $\chi^2/\text{NDF}: 58916.0/5$

In: 27.032 ± 0.018 $\chi^2/\text{NDF}: 1700.5/1$

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

All: 24.900 ± 0.011 $\chi^2/\text{NDF}: 58916.0/5$

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.040 χ^2 /NDF: 0.9/1

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

Right Out: 0.068 $\pm$ 0.033 χ^2 /NDF: 0.6/3

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

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

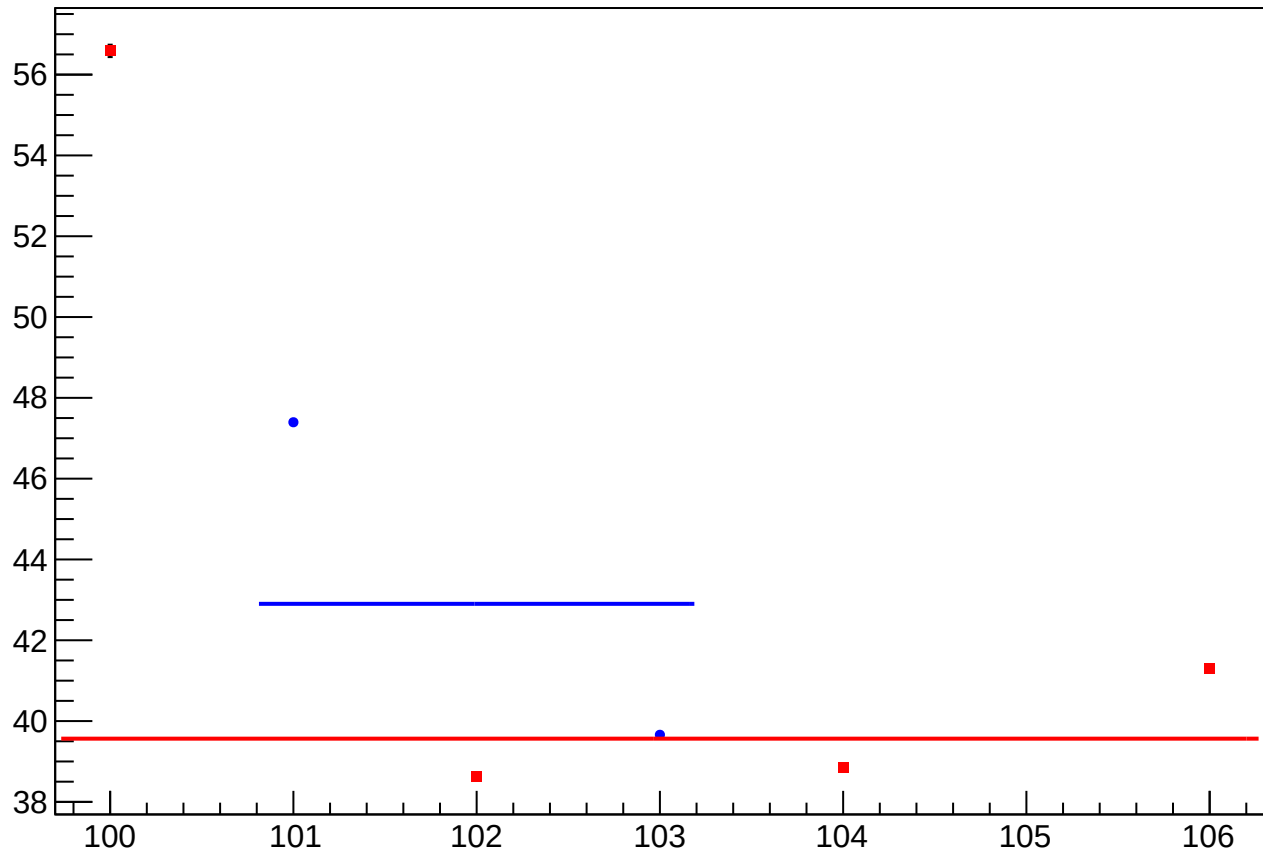
Right: 0.053 $\pm$ 0.025 χ^2 /NDF: 2.0/5

In: 0.031 $\pm$ 0.040 χ^2 /NDF: 0.9/1

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

All: 0.053 $\pm$ 0.025 χ^2 /NDF: 2.0/5

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.902+/-0.028 χ^2/NDF : 18418.2/1

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

Right Out: 39.565+/-0.023 χ^2/NDF : 14281.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

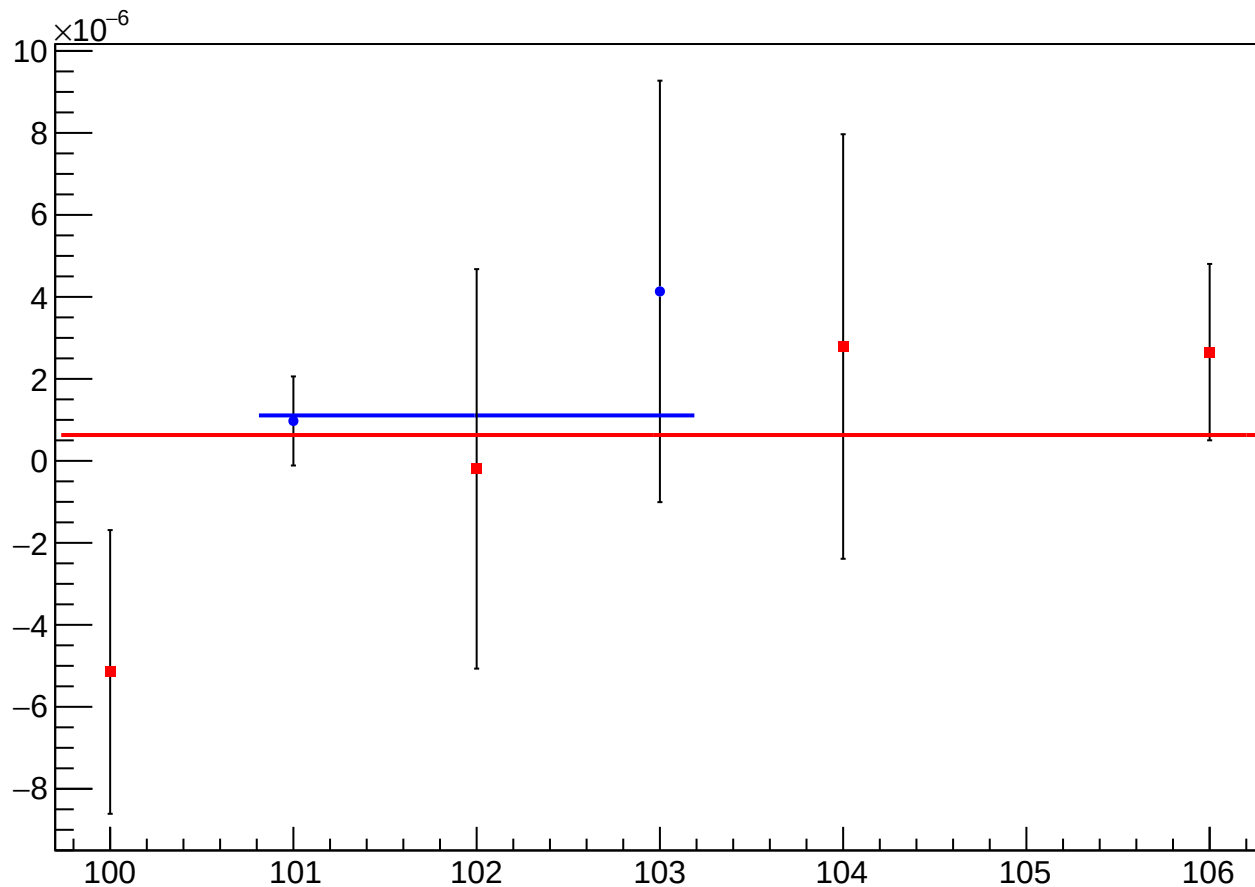
Right: 40.918+/-0.018 χ^2/NDF : 41069.6/5

In: 42.902+/-0.028 χ^2/NDF : 18418.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.918+/-0.018 χ^2/NDF : 41069.6/5

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

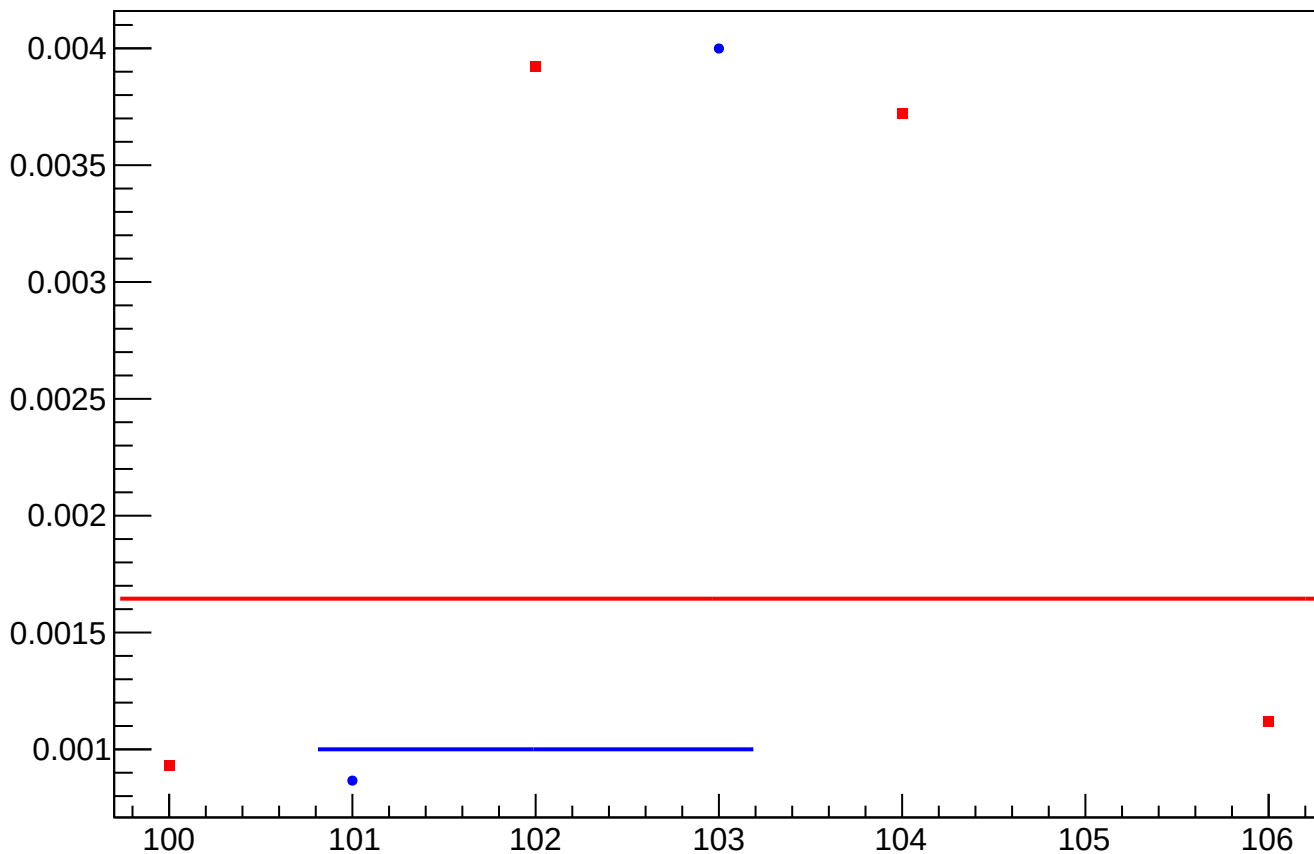
Right: 0.000+/-0.000 χ^2/NDF : 4.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/5

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.002+/-0.000 χ^2/NDF : 963212.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

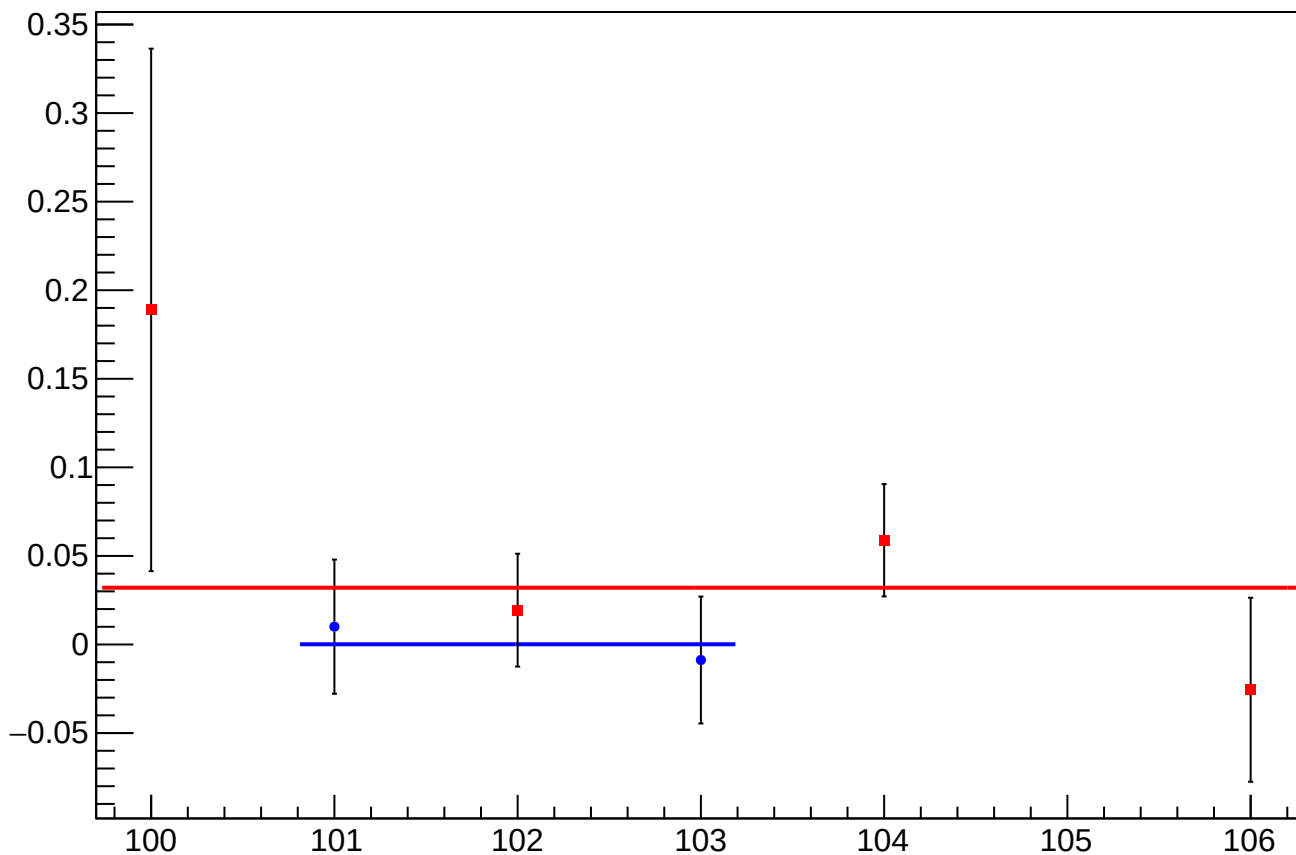
Right: 0.001+/-0.000 χ^2/NDF : 1894895.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1894895.3/5

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.032 $\pm$ 0.020 χ^2 /NDF: 3.2/3

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

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

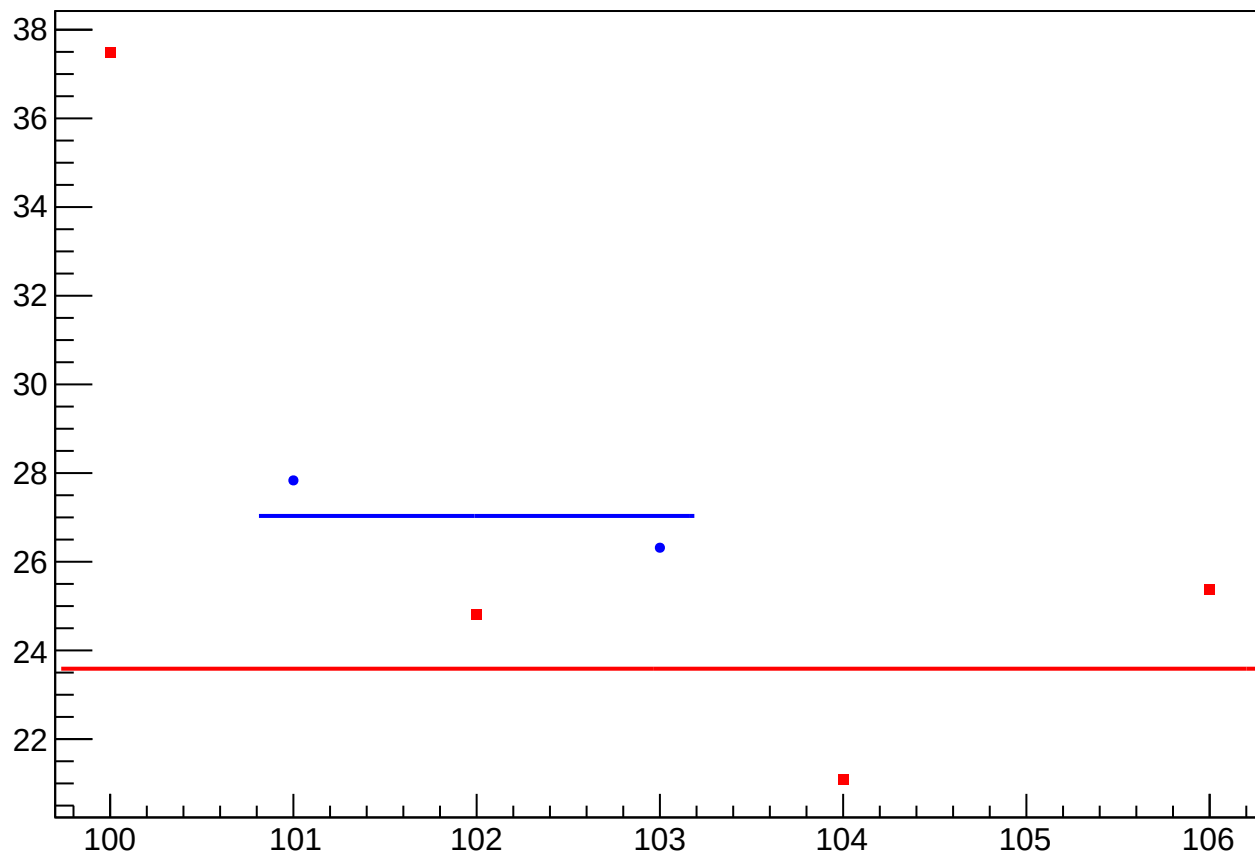
Right: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

In: 0.000 $\pm$ 0.026 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

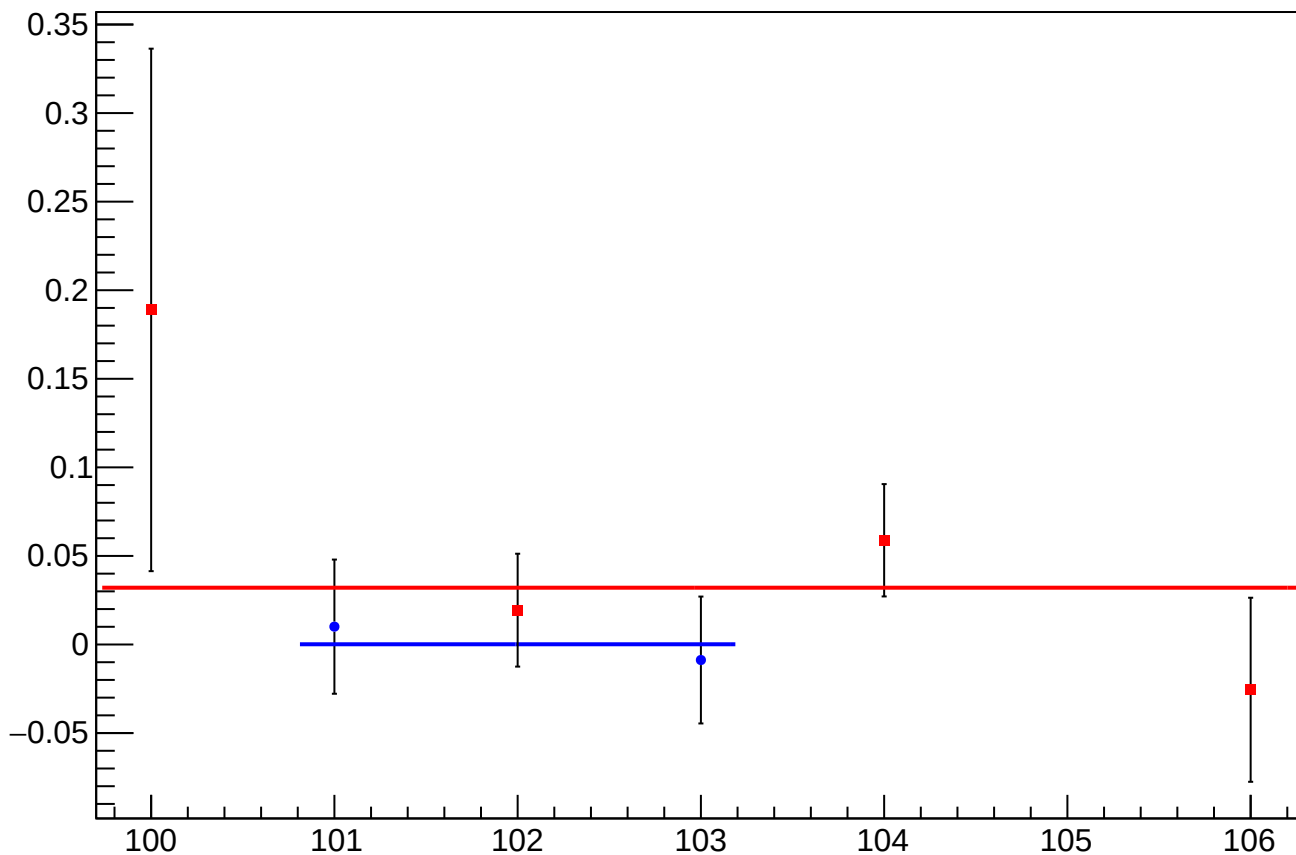
asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 23.588+/-0.014 χ^2/NDF : 35505.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 24.901+/-0.011 χ^2/NDF : 58898.0/5
 In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 24.901+/-0.011 χ^2/NDF : 58898.0/5

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.032 $\pm$ 0.020 χ^2 /NDF: 3.2/3

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

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

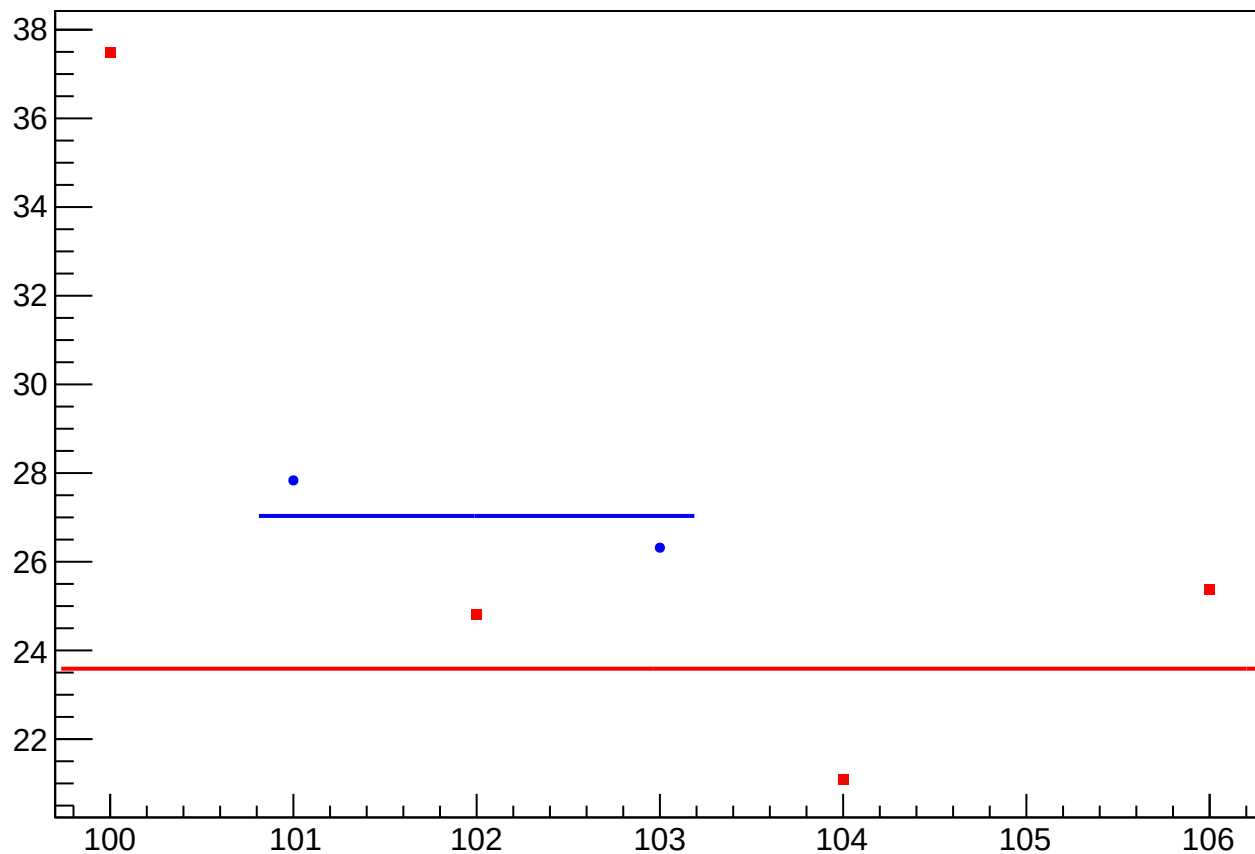
Right: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

In: 0.000 $\pm$ 0.026 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.016 χ^2 /NDF: 4.3/5

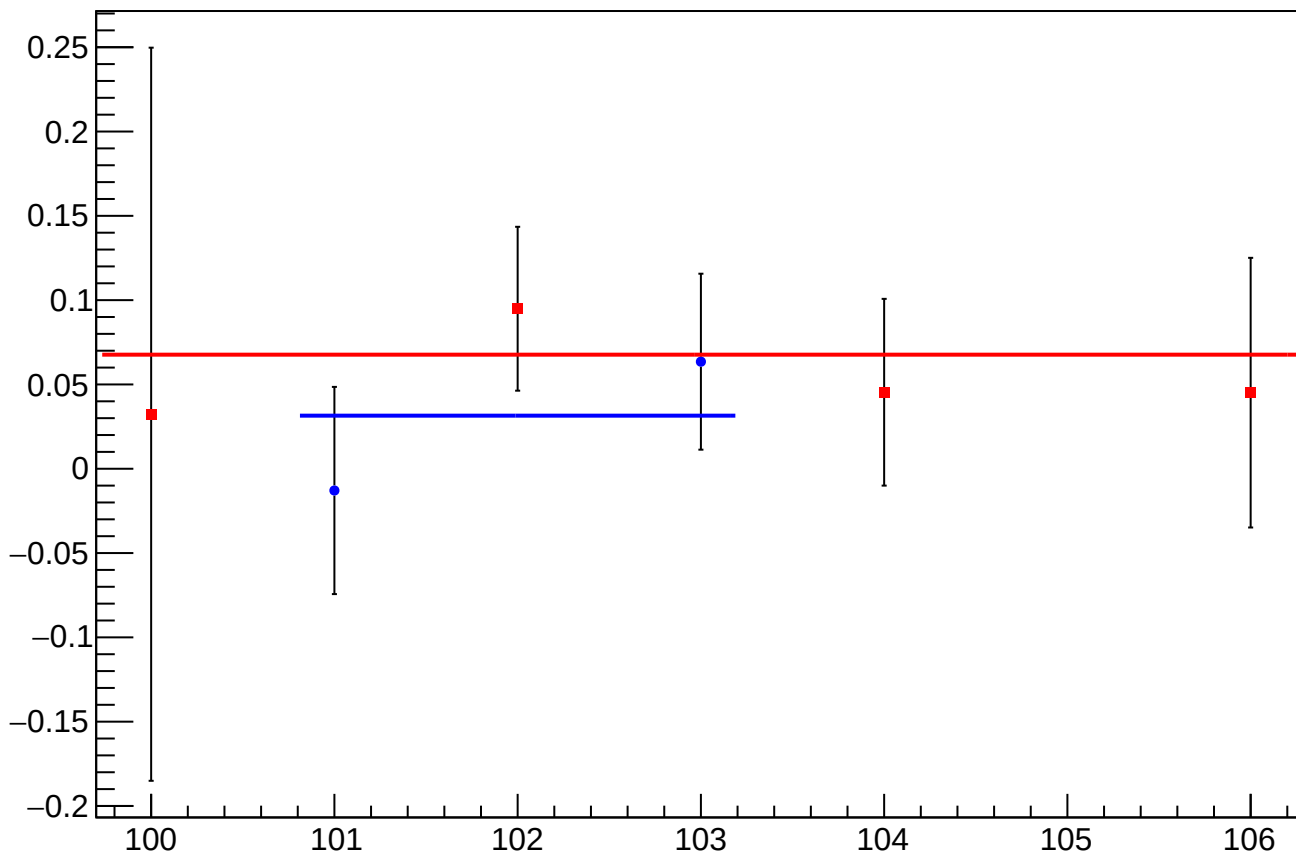
asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 23.588+/-0.014 χ^2/NDF : 35505.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 24.901+/-0.011 χ^2/NDF : 58898.0/5
 In: 27.033+/-0.018 χ^2/NDF : 1697.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 24.901+/-0.011 χ^2/NDF : 58898.0/5

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.040 χ^2 /NDF: 0.9/1

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

Right Out: 0.068 $\pm$ 0.033 χ^2 /NDF: 0.6/3

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

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

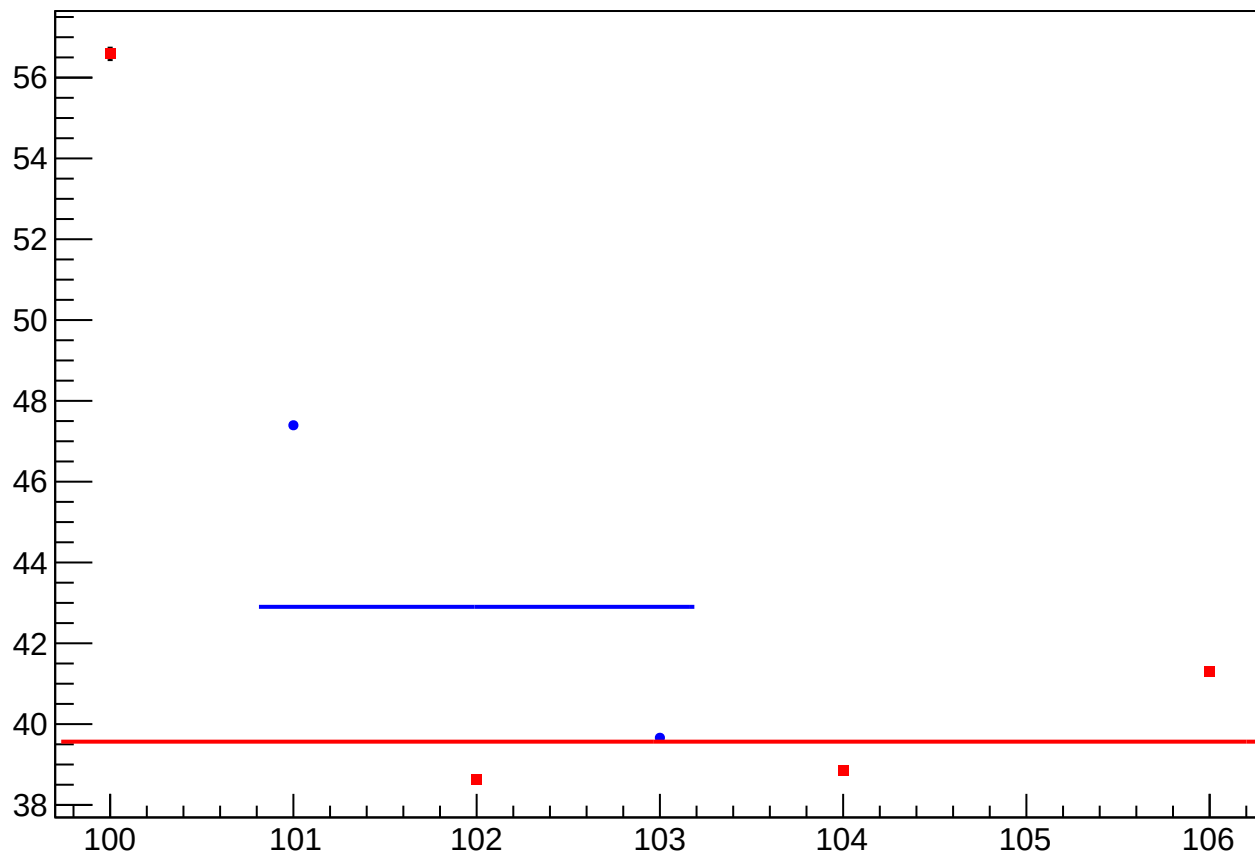
Right: 0.053 $\pm$ 0.025 χ^2 /NDF: 2.0/5

In: 0.031 $\pm$ 0.040 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.025 χ^2 /NDF: 2.0/5

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 39.566+/-0.023 χ^2/NDF : 14279.3/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

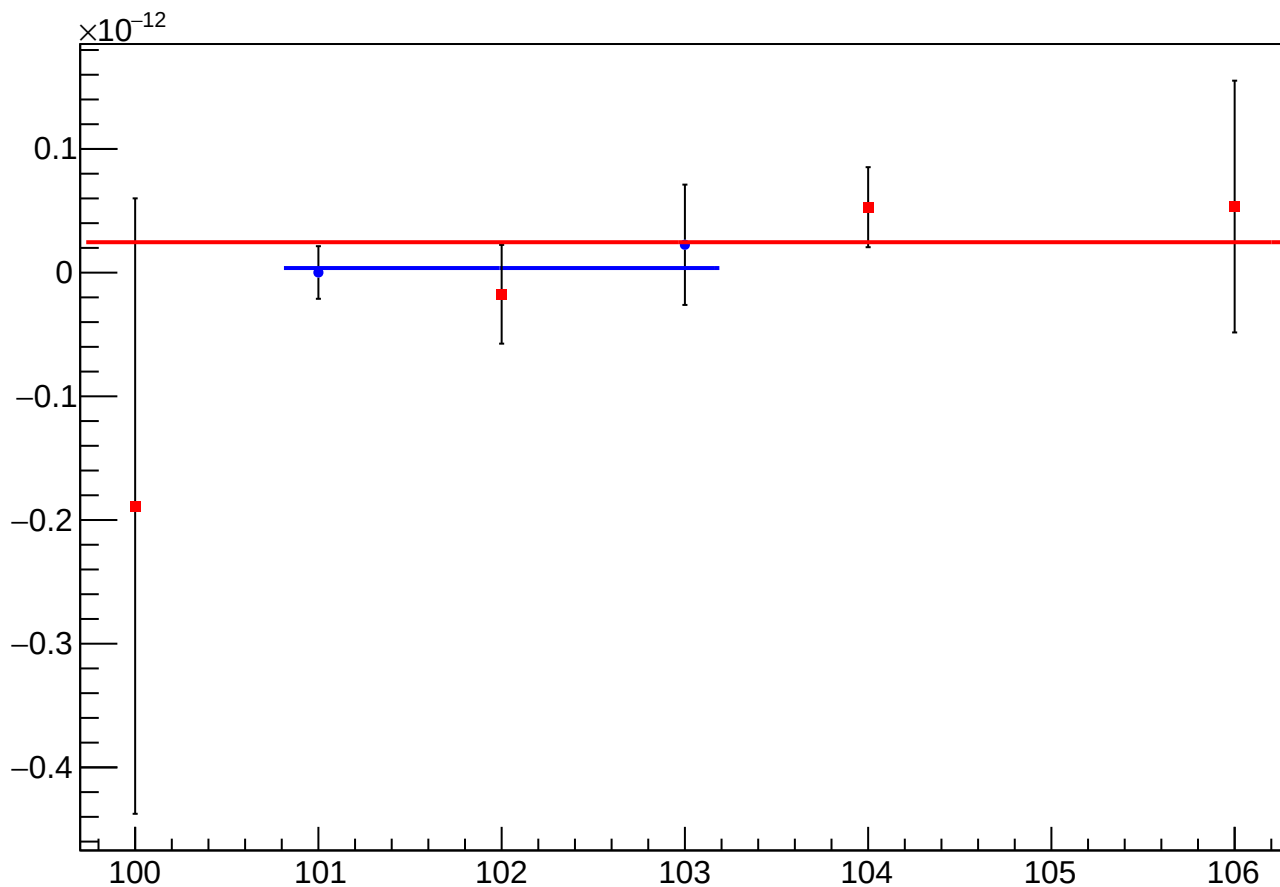
Right: 40.919+/-0.018 χ^2/NDF : 41060.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.919+/-0.018 χ^2/NDF : 41060.9/5

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

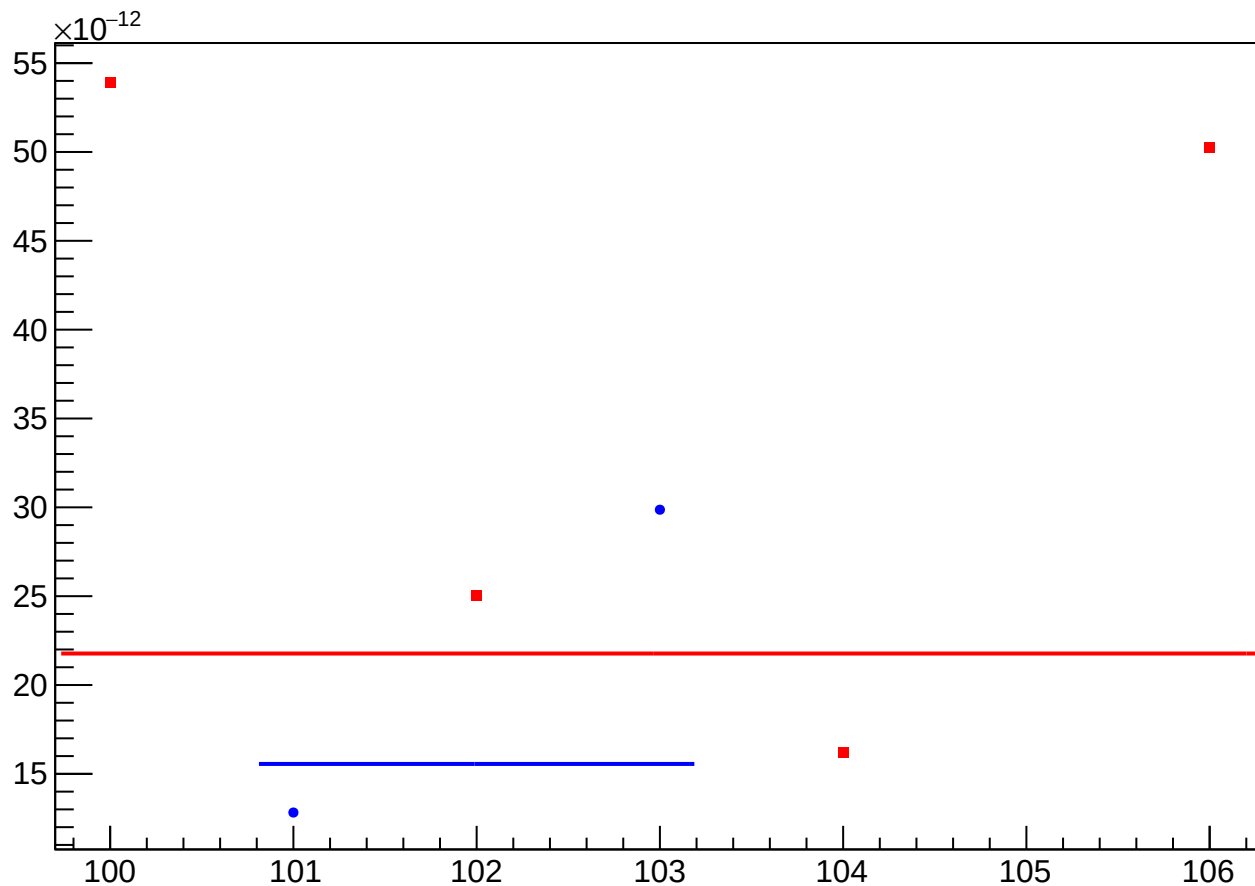
Right: 0.000+/-0.000 χ^2/NDF : 3.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/5

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 262744.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

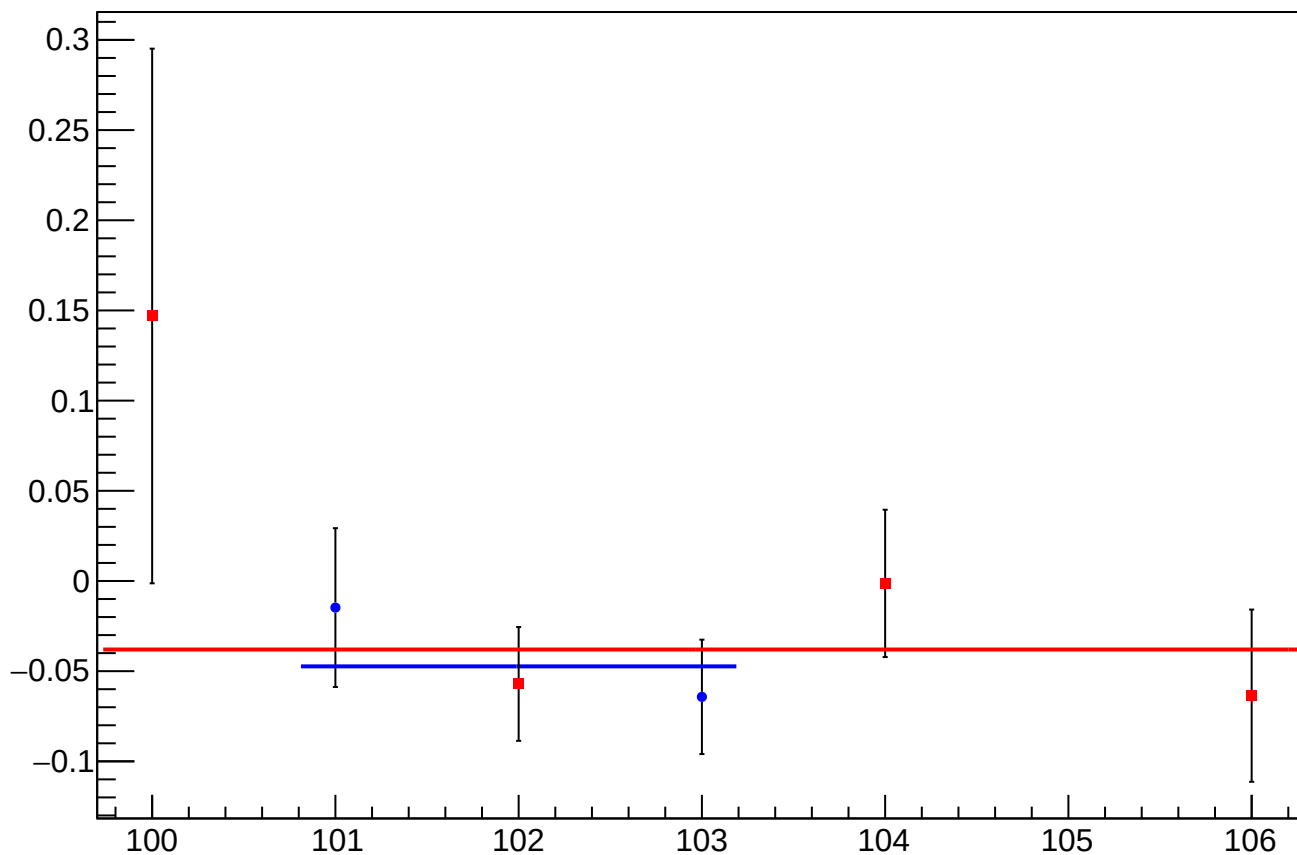
Right: 0.000+/-0.000 χ^2/NDF : 548550.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 548550.3/5

asym_us_dd_overload_cor_vs_slug_sign_corrected



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

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

Right Out: -0.038 $\pm$ 0.022 χ^2 /NDF: 3.0/3

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

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

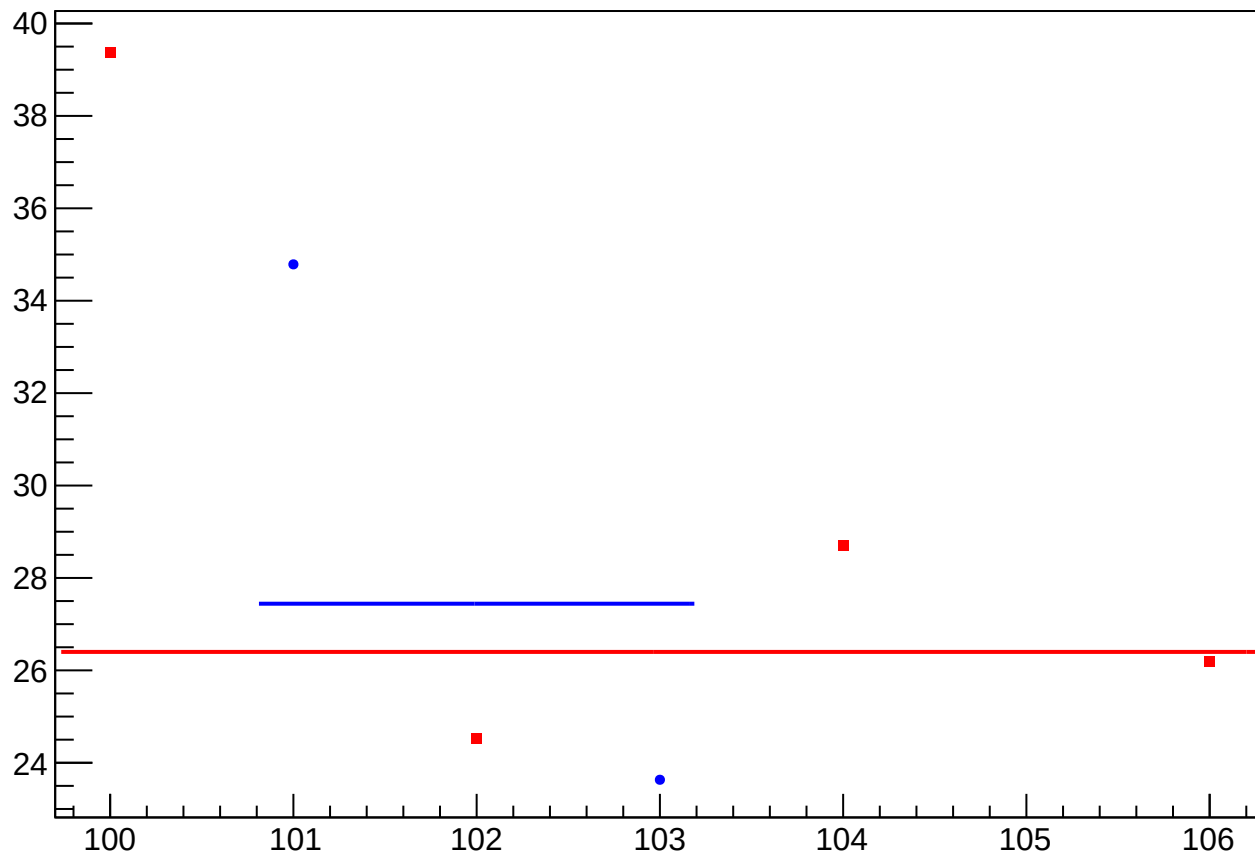
Right: -0.042 $\pm$ 0.017 χ^2 /NDF: 3.9/5

In: -0.047 $\pm$ 0.026 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.017 χ^2 /NDF: 3.9/5

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 26.399+/-0.015 χ^2/NDF : 28736.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

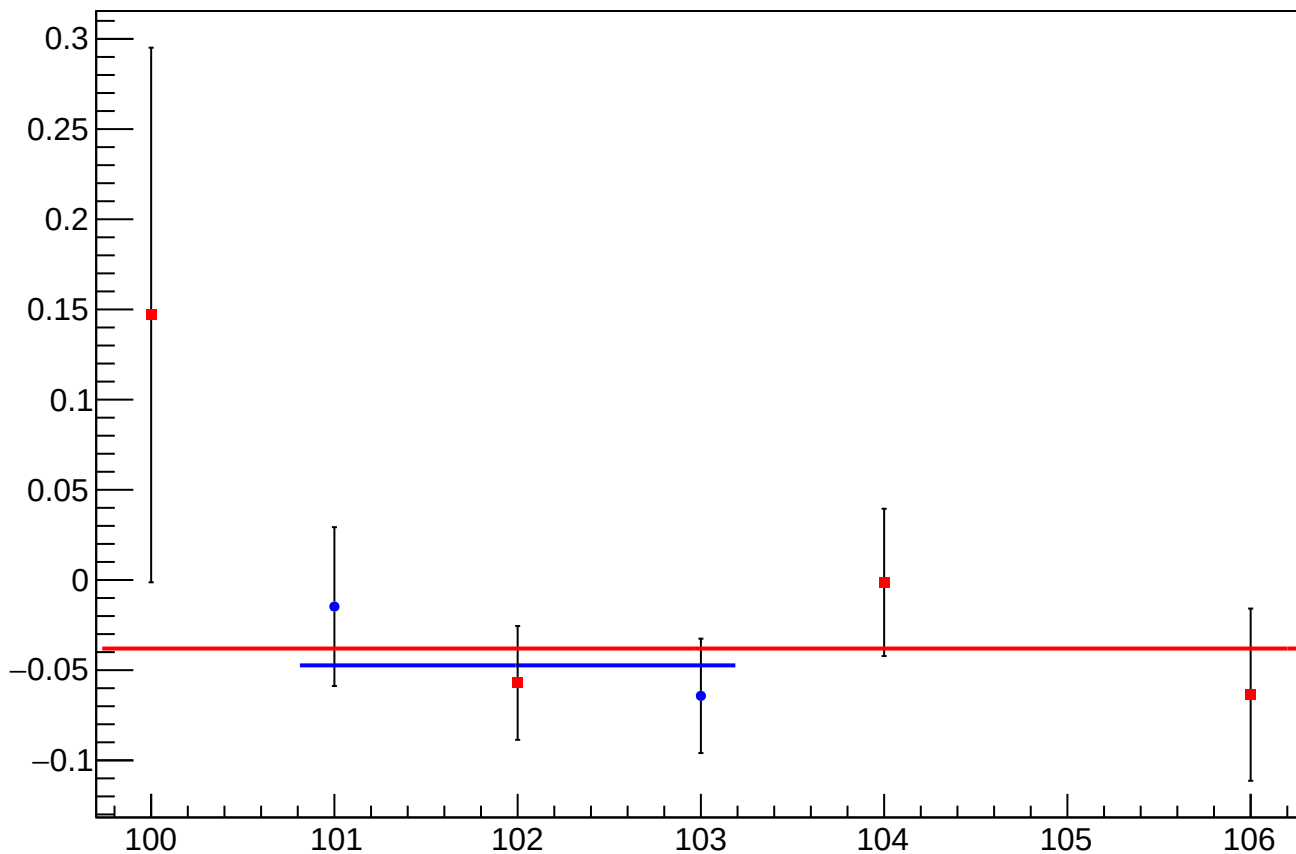
Right: 26.837+/-0.012 χ^2/NDF : 115175.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.837+/-0.012 χ^2/NDF : 115175.8/5

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.038 $\pm$ 0.022 χ^2 /NDF: 3.0/3

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

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

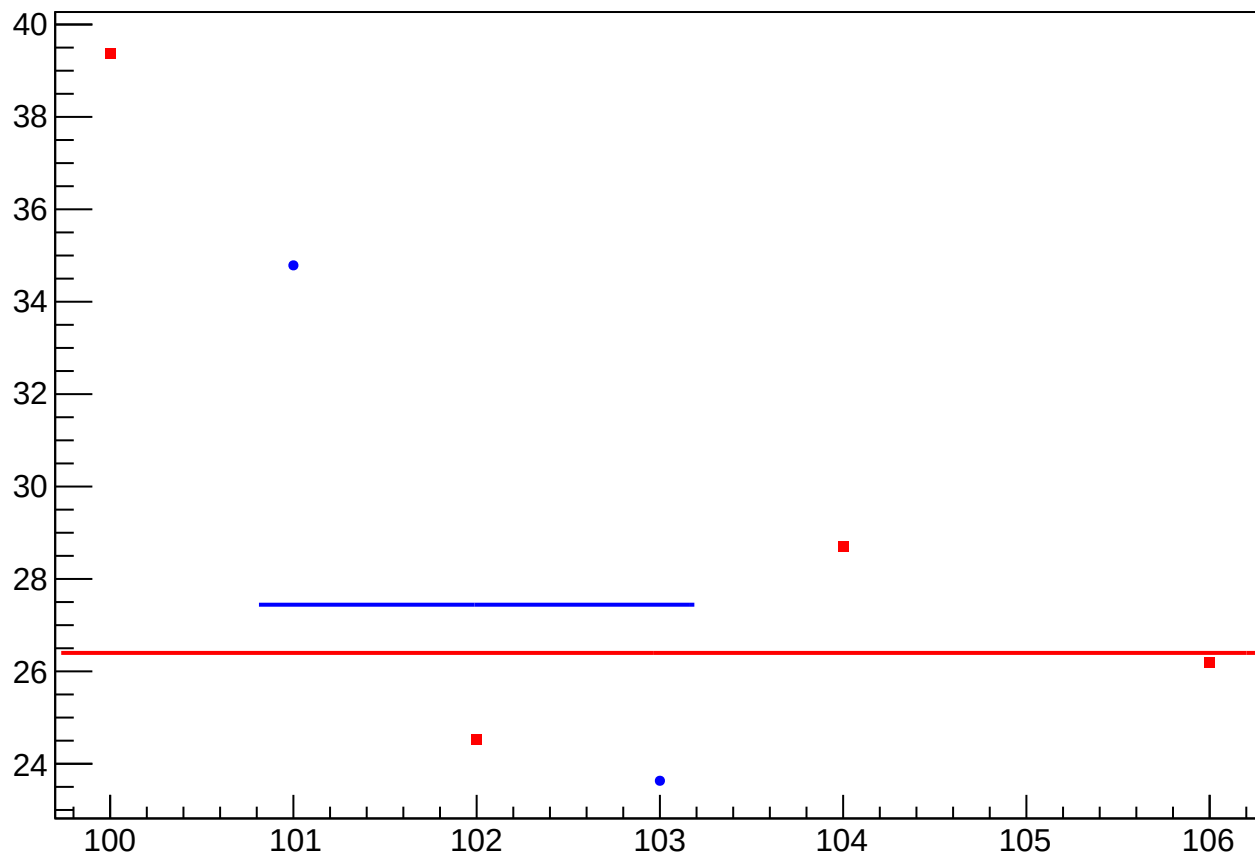
Right: -0.042 $\pm$ 0.017 χ^2 /NDF: 3.9/5

In: -0.047 $\pm$ 0.026 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.042 $\pm$ 0.017 χ^2 /NDF: 3.9/5

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 26.399+/-0.015 χ^2/NDF : 28736.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

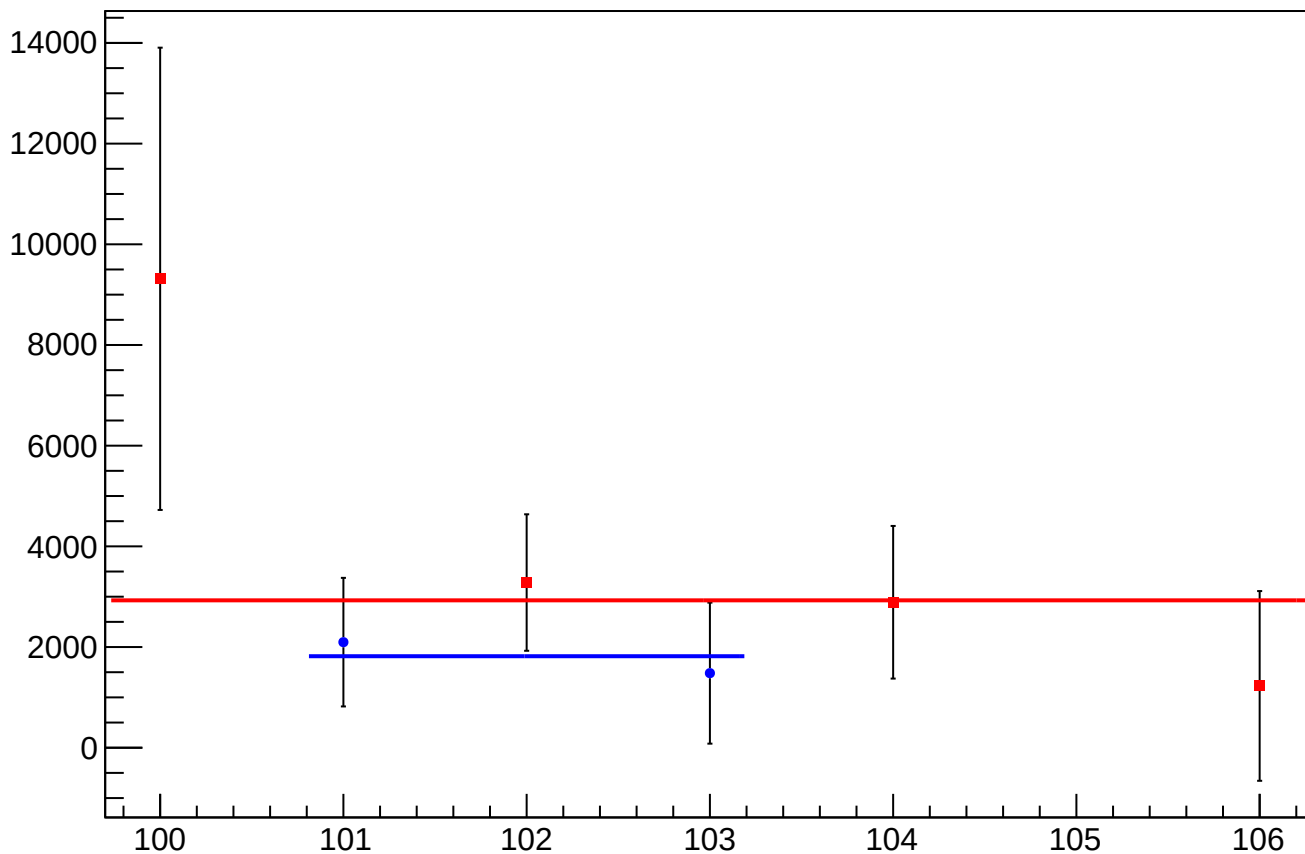
Right: 26.837+/-0.012 χ^2/NDF : 115175.8/5

In: 27.443+/-0.018 χ^2/NDF :84531.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.837+/-0.012 χ^2/NDF : 115175.8/5

reg_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2927.660+/-874.247 χ^2/NDF : 2.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

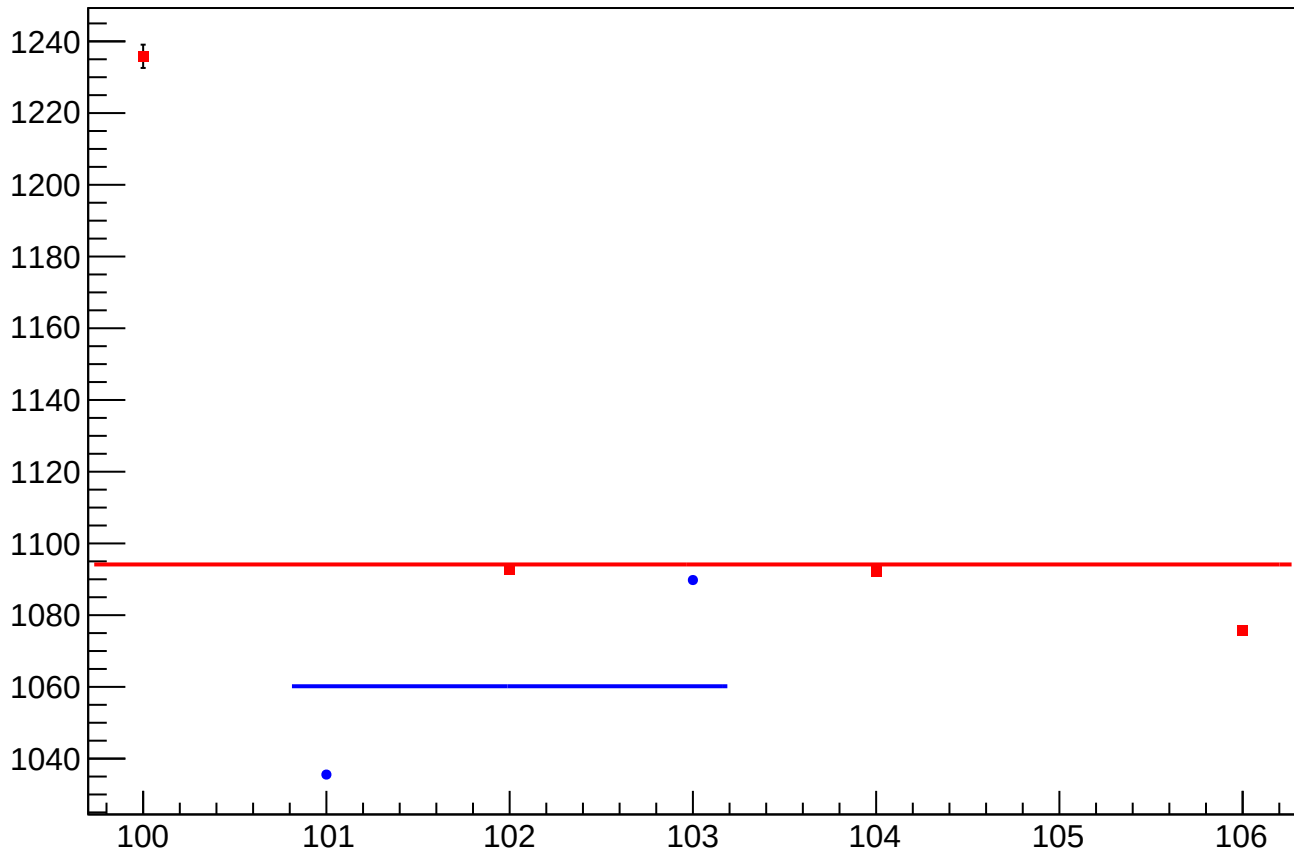
Right: 2415.005+/-641.337 χ^2/NDF : 3.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.005+/-641.337 χ^2/NDF : 3.7/5

reg_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1094.138+/-0.618 χ^2/NDF : 2100.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

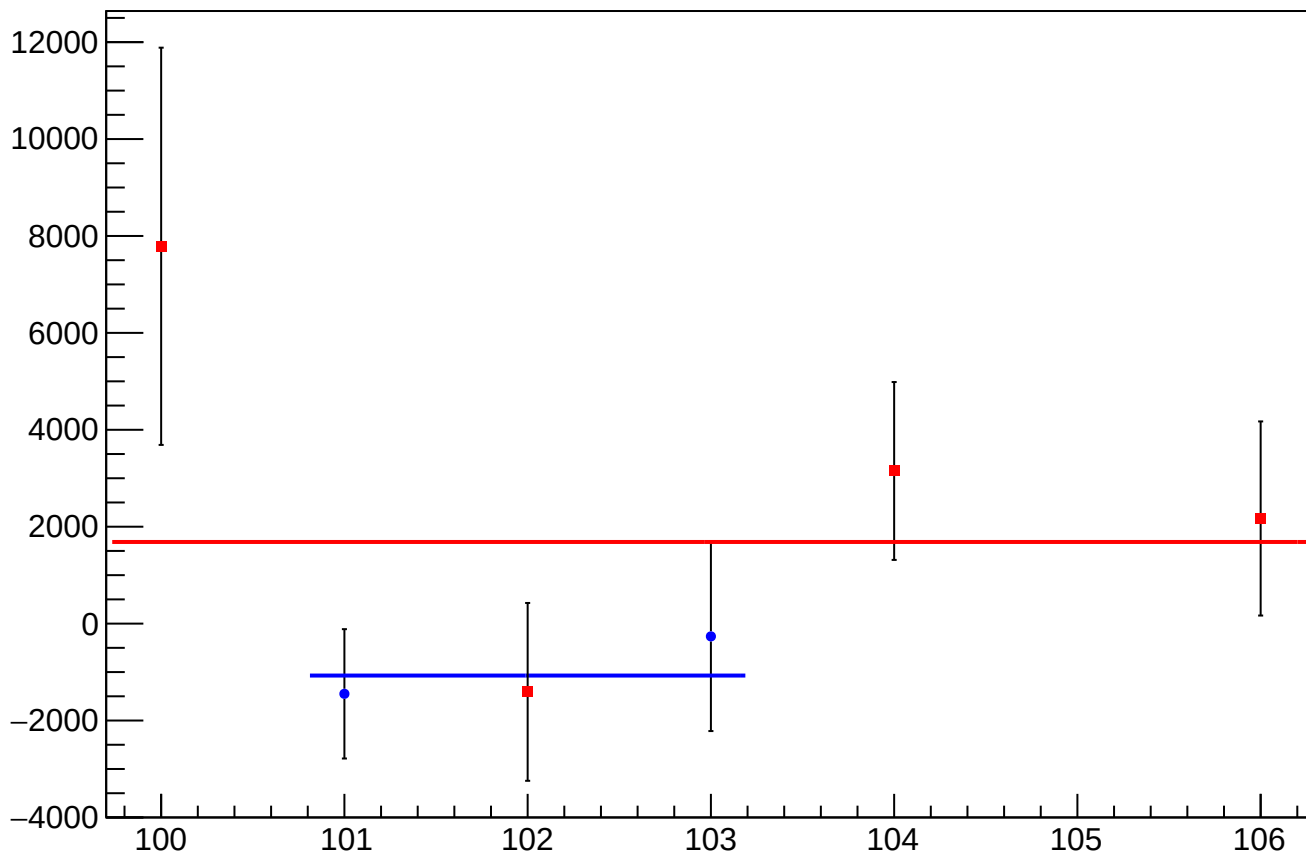
Right: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

asym_usl_reg_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1685.016 $\pm$ 1052.576 χ^2 /NDF: 5.8/3

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

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

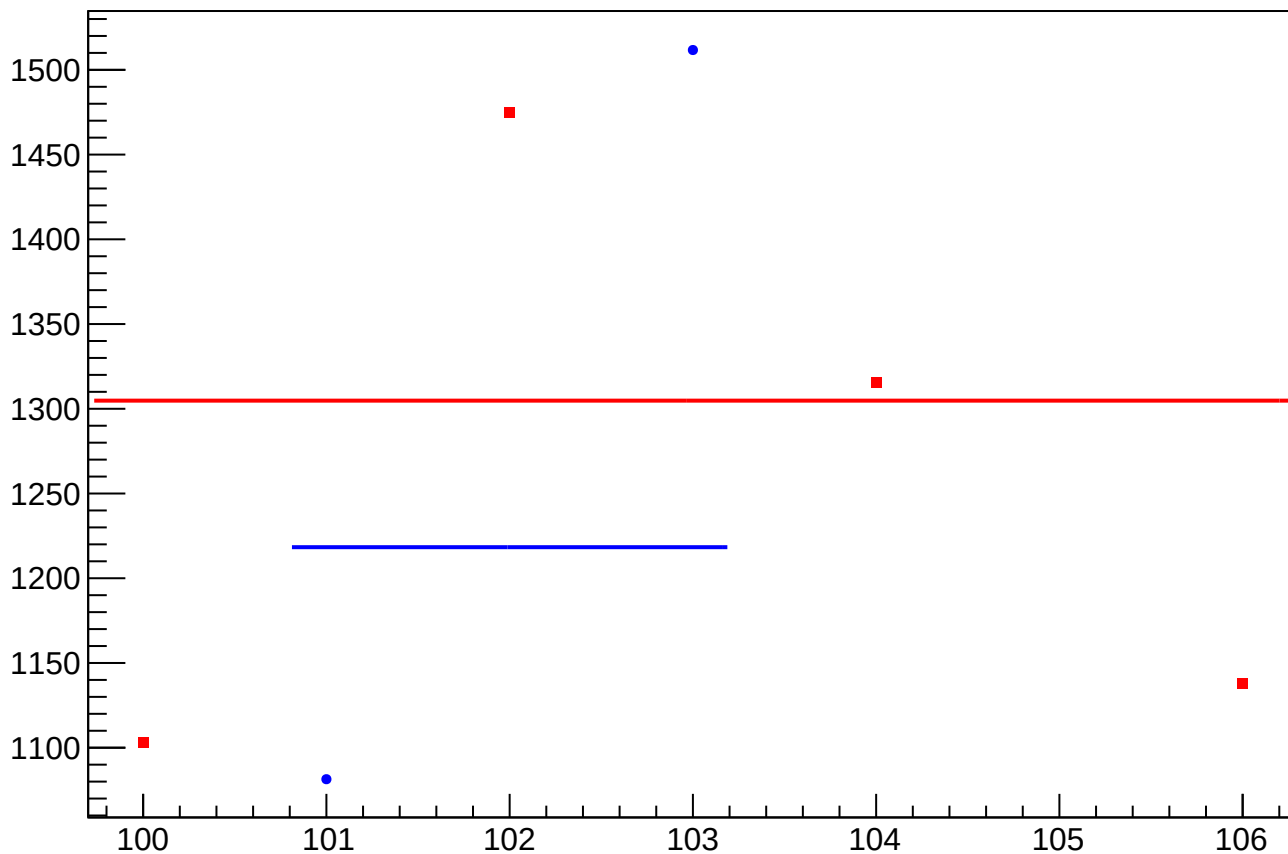
Right: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

asym_usl_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1304.806+/-0.744 χ^2/NDF : 35917.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

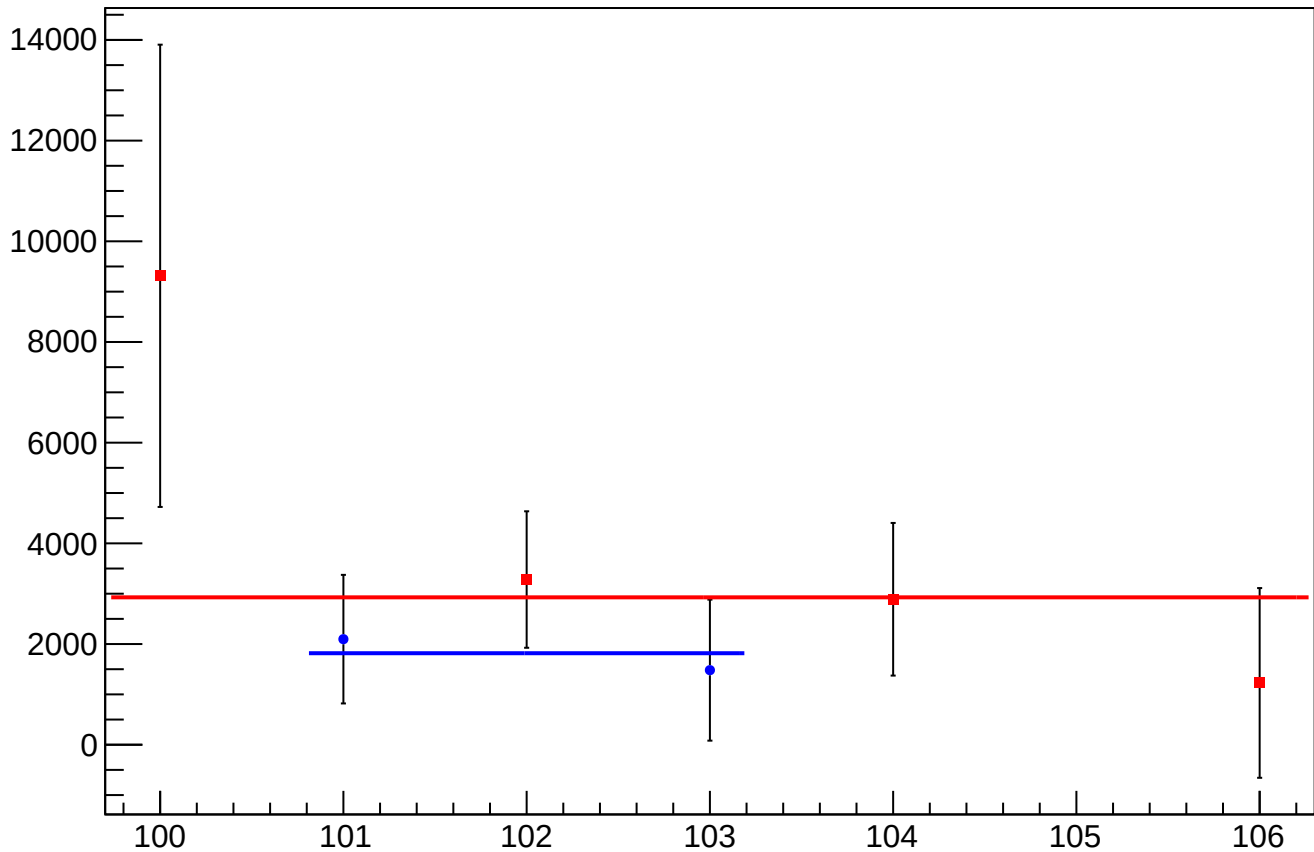
Right: 1263.555+/-0.538 χ^2/NDF : 108487.0/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.555+/-0.538 χ^2/NDF : 108487.0/5

cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2927.660+/-874.247 χ^2/NDF : 2.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

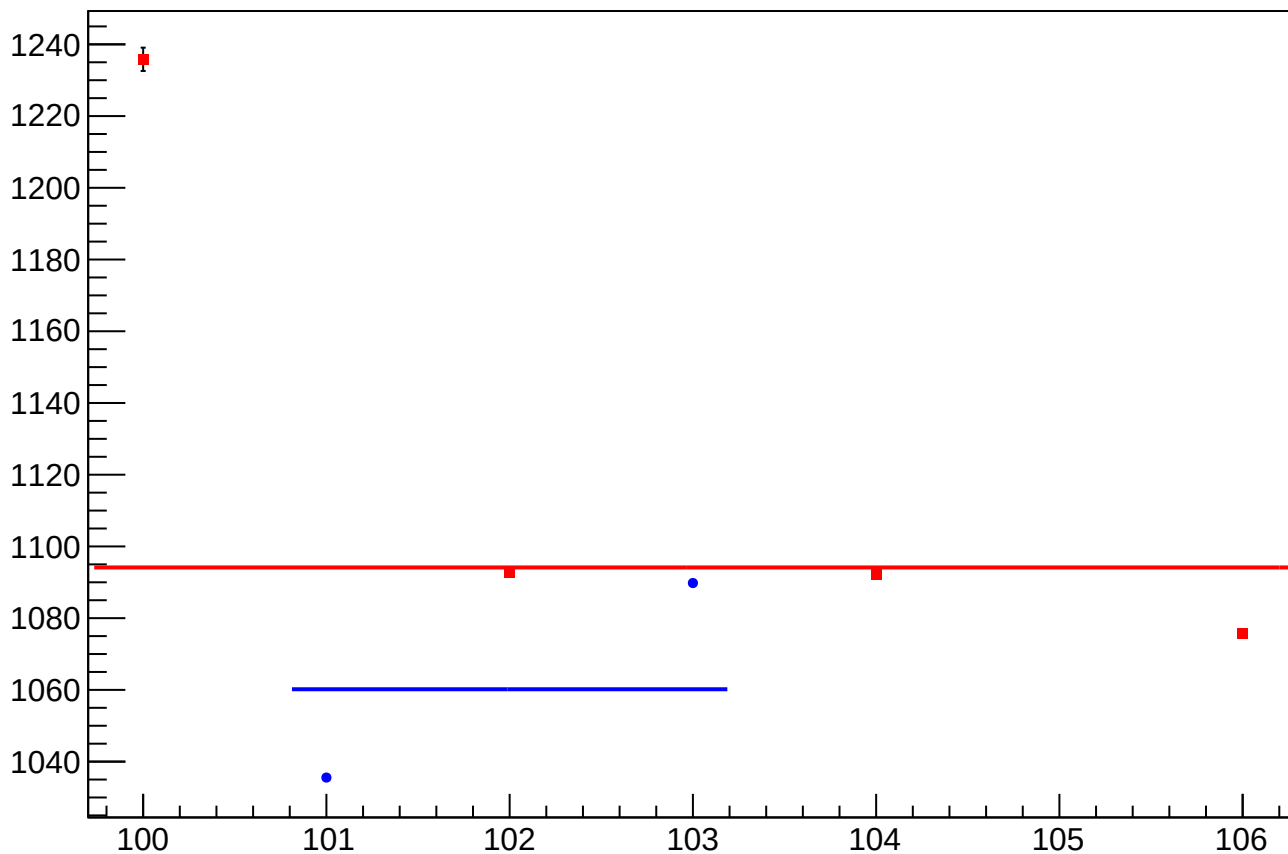
Right: 2415.005+/-641.337 χ^2/NDF : 3.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.005+/-641.337 χ^2/NDF : 3.7/5

cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1094.138+/-0.618 χ^2/NDF : 2100.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

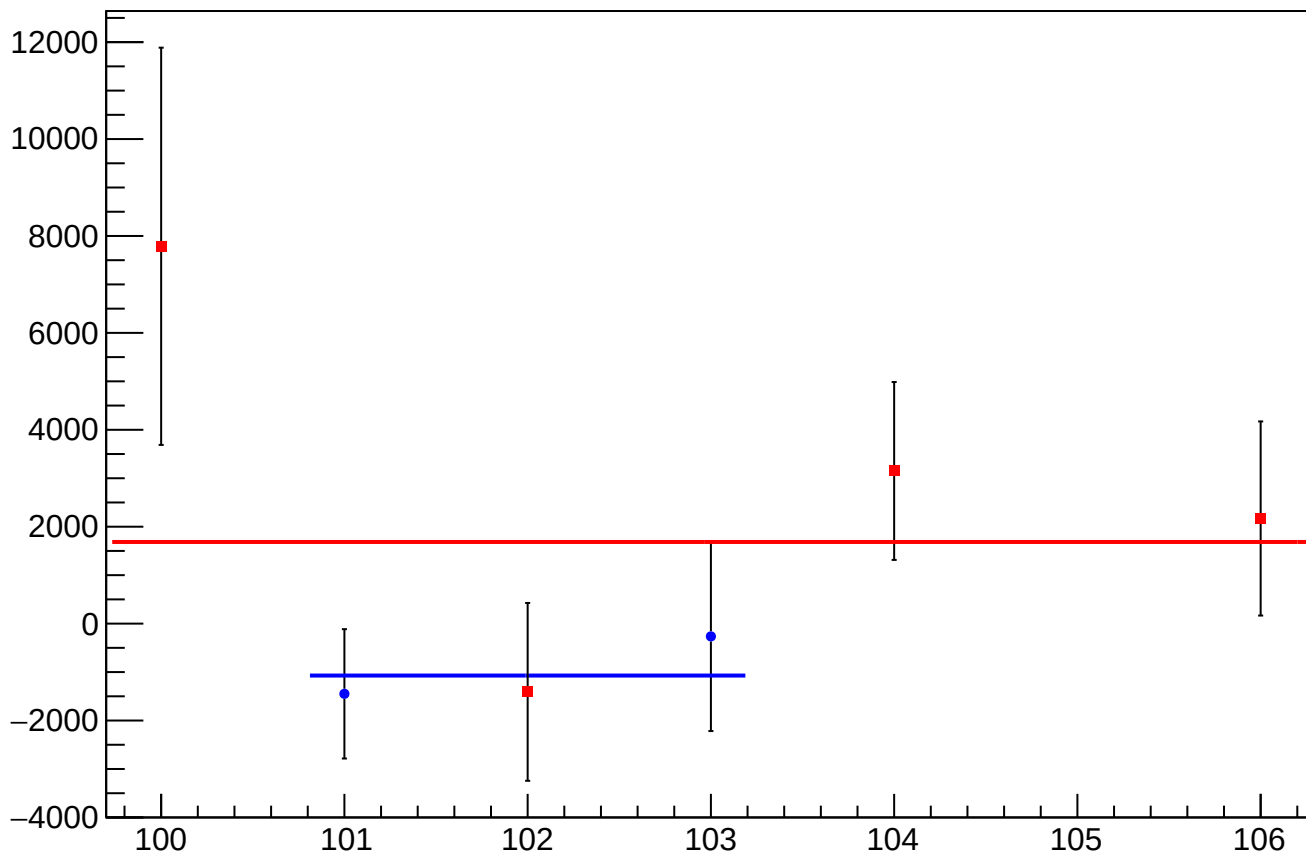
Right: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

asym_usl_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1685.016 $\pm$ 1052.576 χ^2 /NDF: 5.8/3

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

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

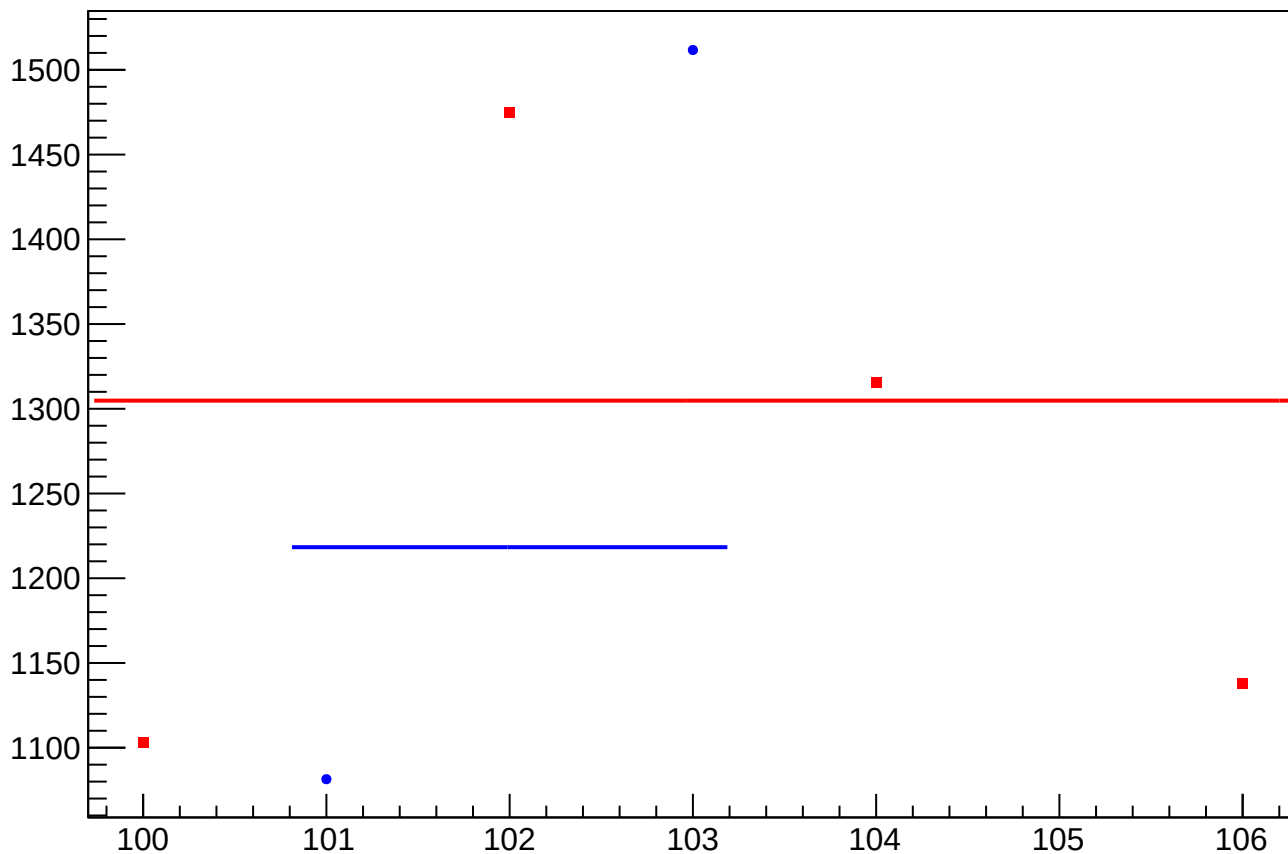
Right: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 1218.327 $\pm$ 0.779 χ^2 /NDF: 66130.2/1

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

Right Out: 1304.806 $\pm$ 0.744 χ^2 /NDF: 35917.1/3

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

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

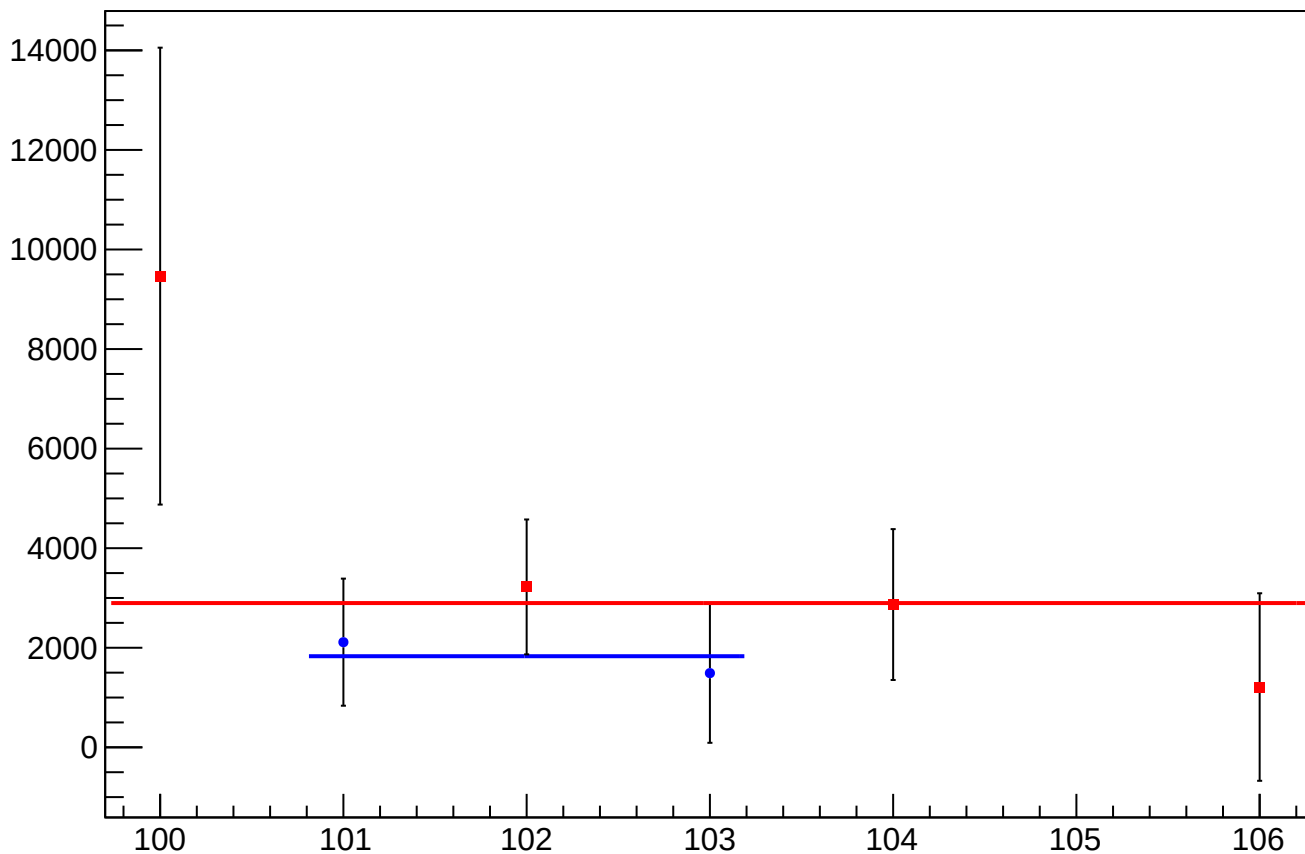
Right: 1263.555 $\pm$ 0.538 χ^2 /NDF: 108487.0/5

In: 1218.327 $\pm$ 0.779 χ^2 /NDF:66130.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1263.555 $\pm$ 0.538 χ^2 /NDF: 108487.0/5

overload_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2897.797+/-873.831 χ^2/NDF : 2.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

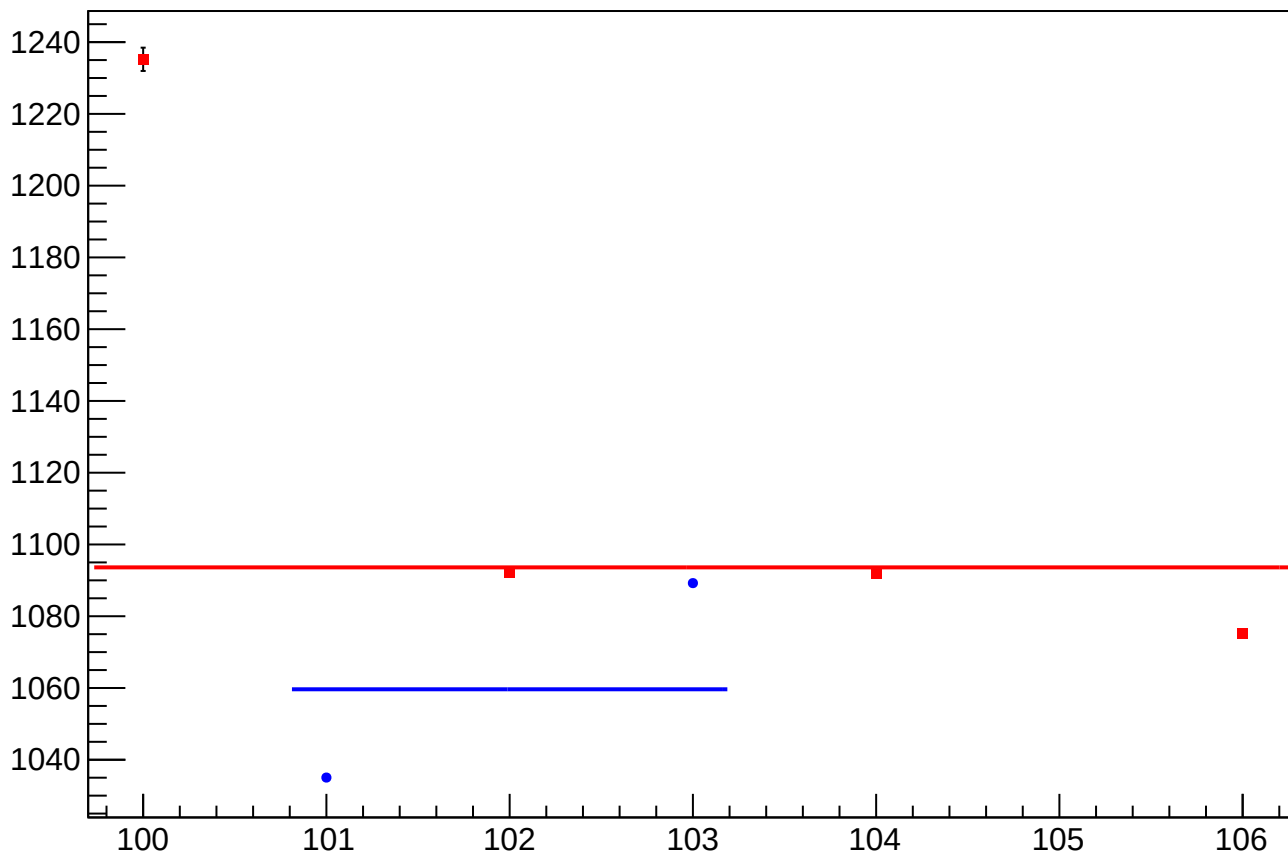
Right: 2404.654+/-641.023 χ^2/NDF : 3.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2404.654+/-641.023 χ^2/NDF : 3.7/5

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1059.640 $\pm$ 0.667 χ^2/NDF : 1636.4/1

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

Right Out: 1093.617 $\pm$ 0.618 χ^2/NDF : 2100.8/3

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

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

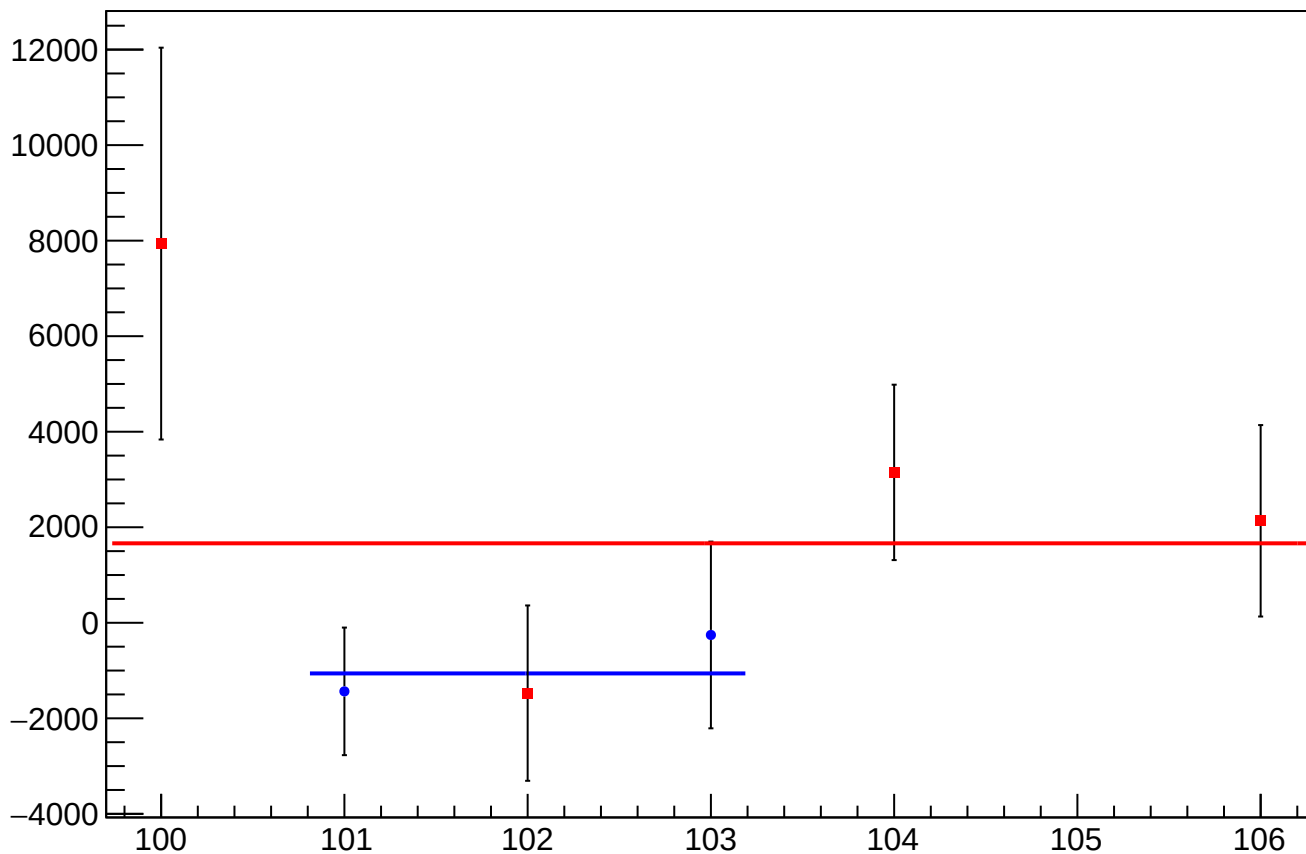
Right: 1077.924 $\pm$ 0.453 χ^2/NDF : 5133.8/5

In: 1059.640 $\pm$ 0.667 χ^2/NDF : 1636.4/1

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

All: 1077.924 $\pm$ 0.453 χ^2/NDF : 5133.8/5

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1663.578+/-1052.959 χ^2/NDF : 6.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

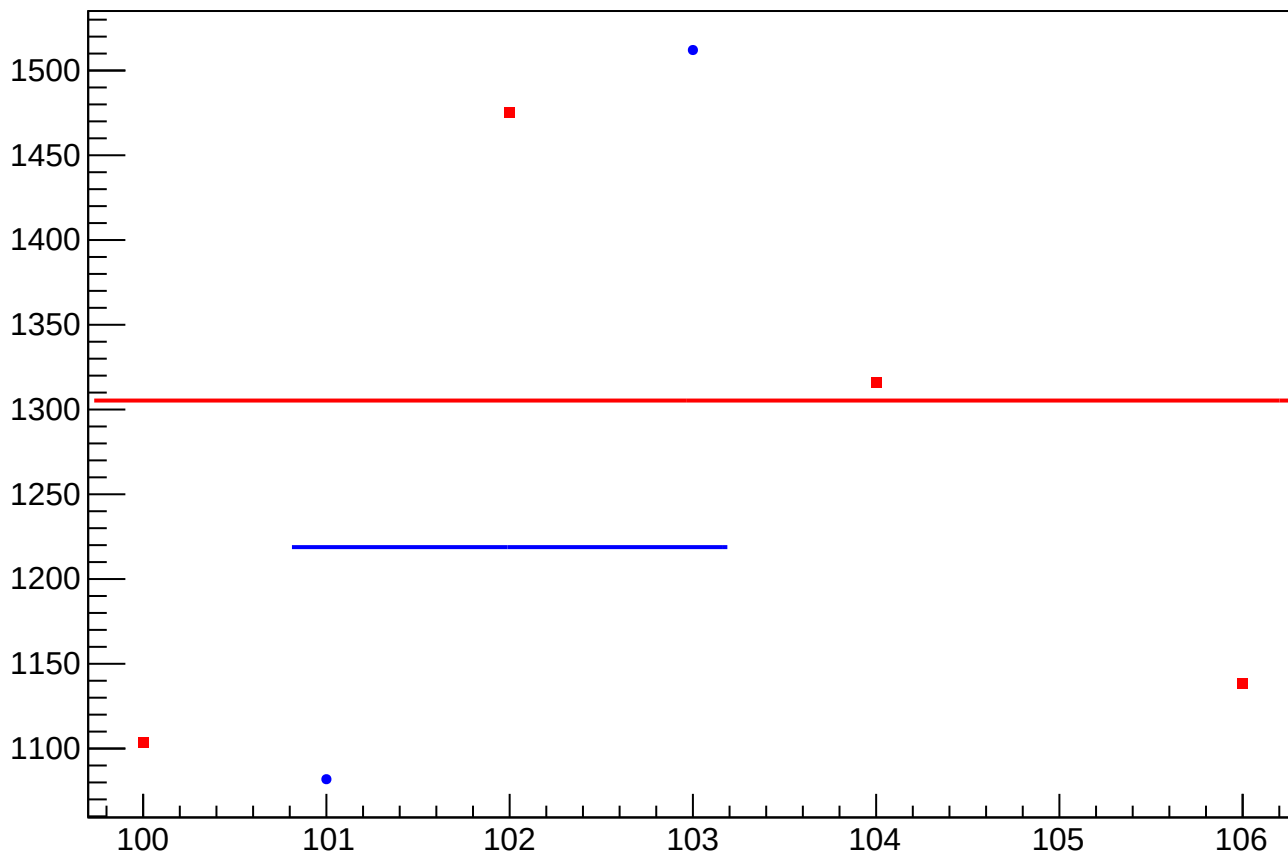
Right: 364.469+/-761.497 χ^2/NDF : 9.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.469+/-761.497 χ^2/NDF : 9.4/5

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1218.827+/-0.780 χ^2/NDF : 66054.2/1

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

Right Out: 1305.303+/-0.745 χ^2/NDF : 35848.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

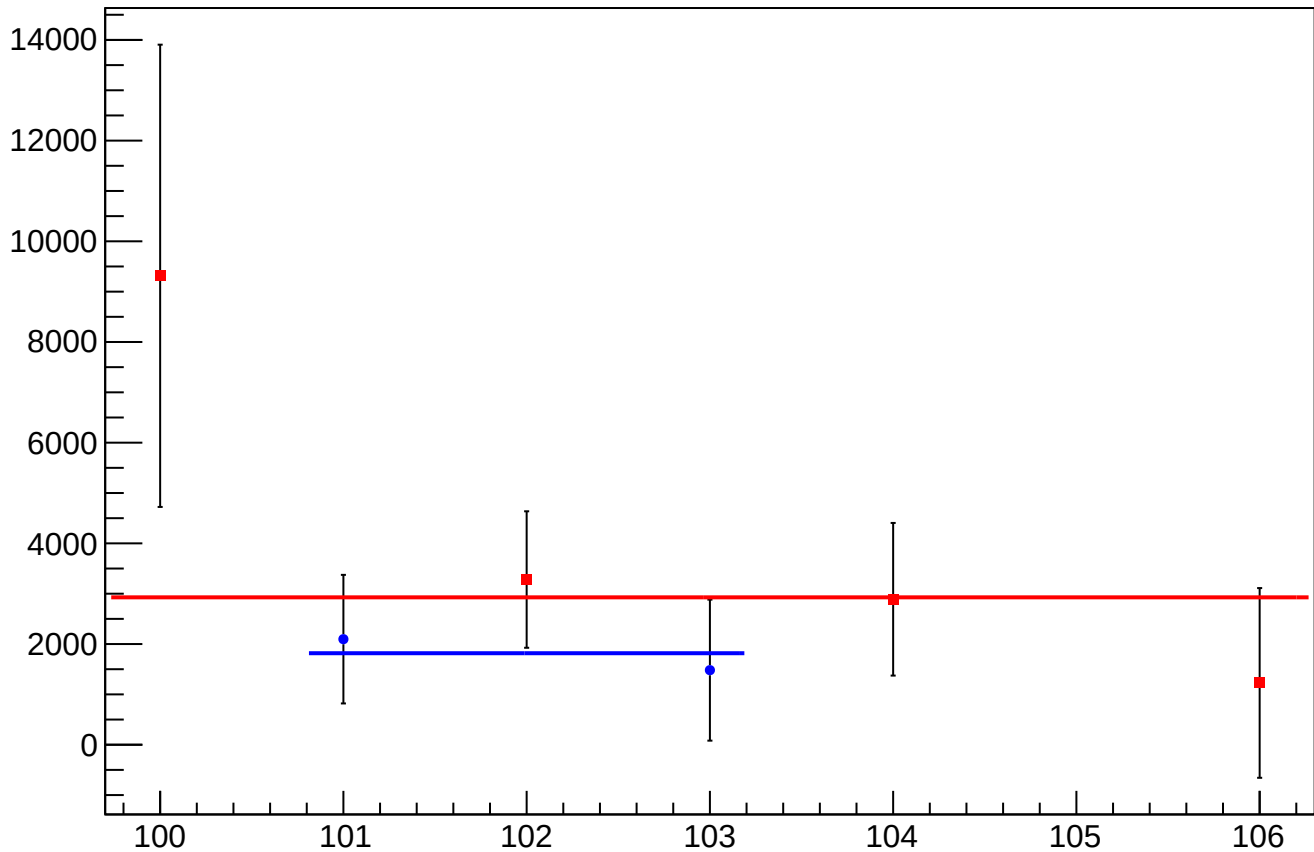
Right: 1264.055+/-0.538 χ^2/NDF : 108337.1/5

In: 1218.827+/-0.780 χ^2/NDF : 66054.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1264.055+/-0.538 χ^2/NDF : 108337.1/5

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 2927.660+/-874.247 χ^2/NDF : 2.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

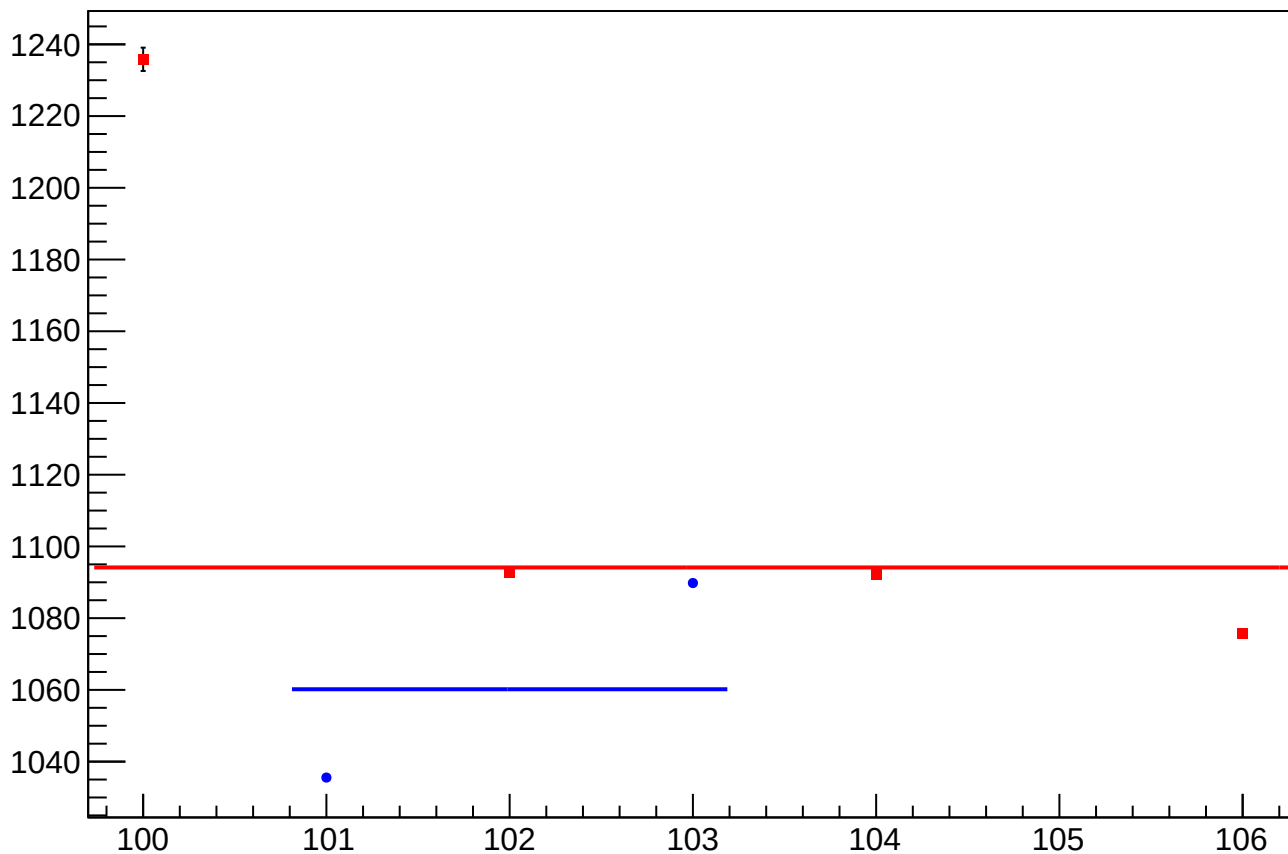
Right: 2415.005+/-641.337 χ^2/NDF : 3.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2415.005+/-641.337 χ^2/NDF : 3.7/5

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1094.138+/-0.618 χ^2/NDF : 2100.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

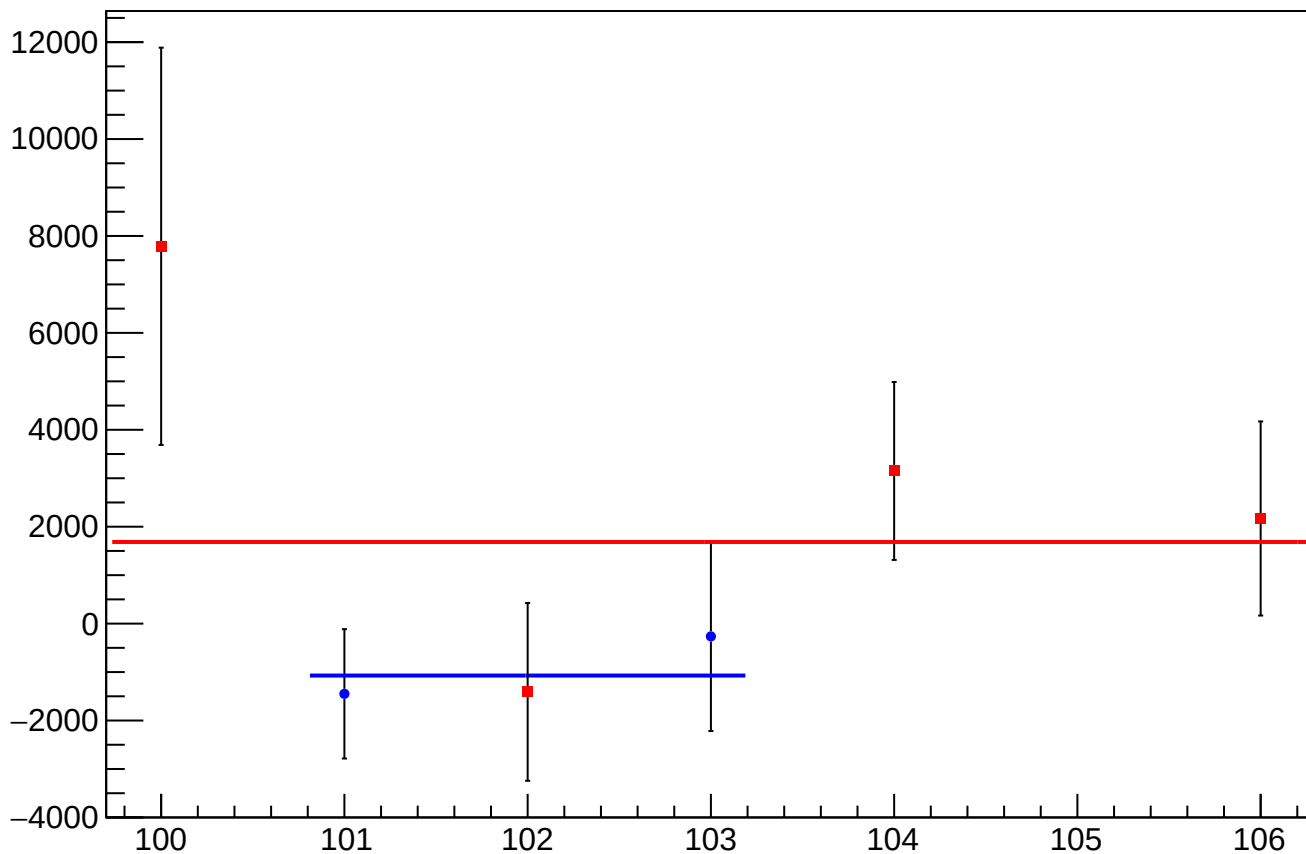
Right: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.453+/-0.453 χ^2/NDF : 5132.6/5

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1685.016 $\pm$ 1052.576 χ^2 /NDF: 5.8/3

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

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

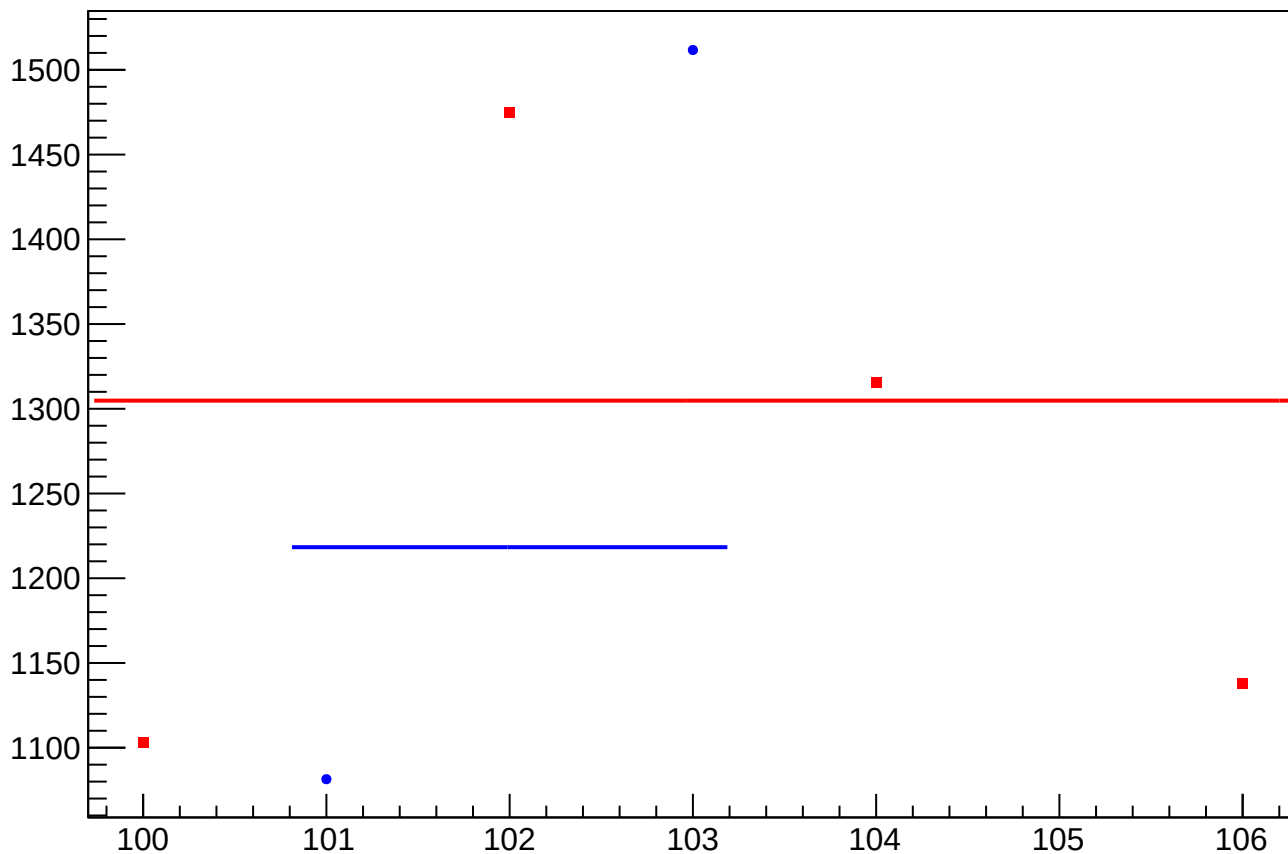
Right: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

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

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

All: 370.015 $\pm$ 761.209 χ^2 /NDF: 9.3/5

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1304.806+/-0.744 χ^2/NDF : 35917.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

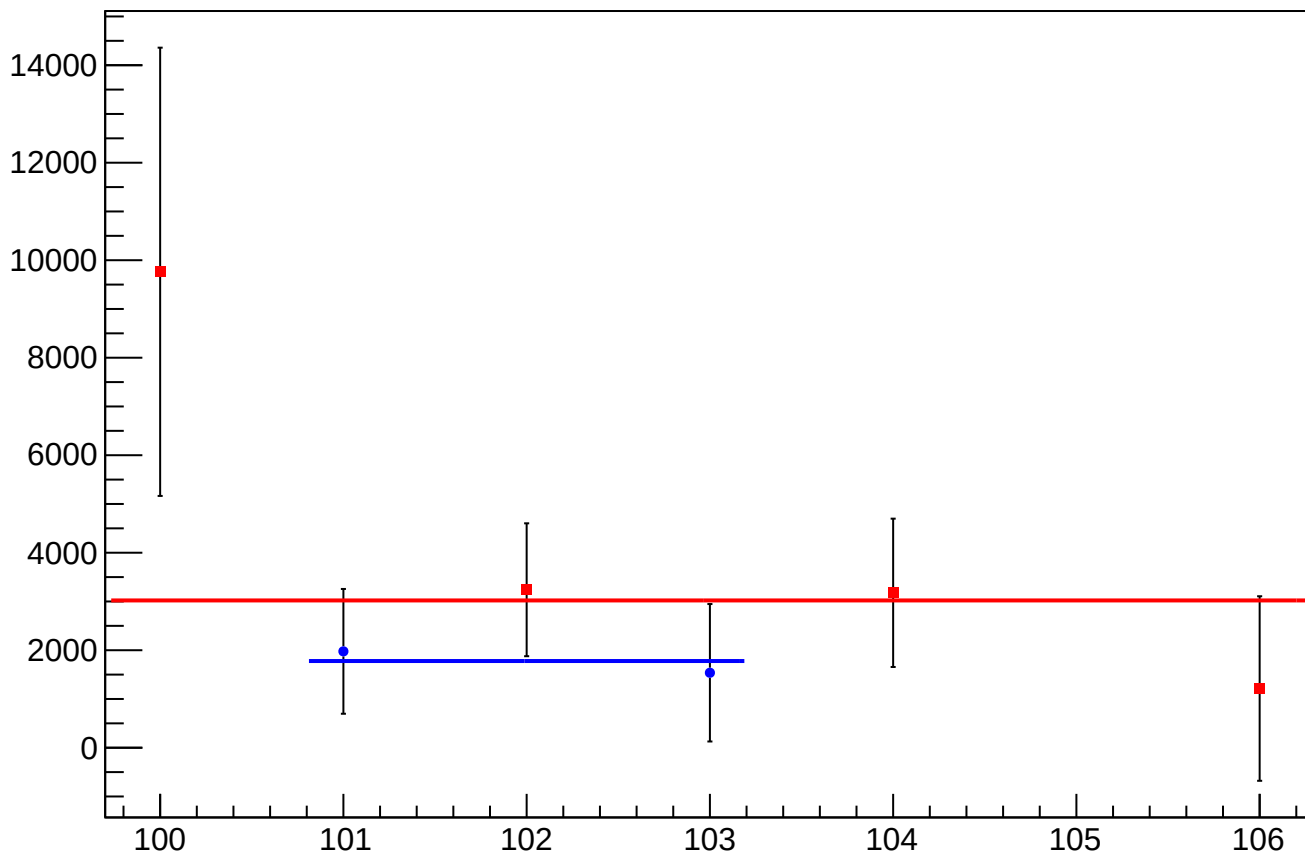
Right: 1263.555+/-0.538 χ^2/NDF : 108487.0/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.555+/-0.538 χ^2/NDF : 108487.0/5

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1778.372+/-947.585 χ^2/NDF : 0.1/1

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

Right Out: 3021.221+/-878.120 χ^2/NDF : 3.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

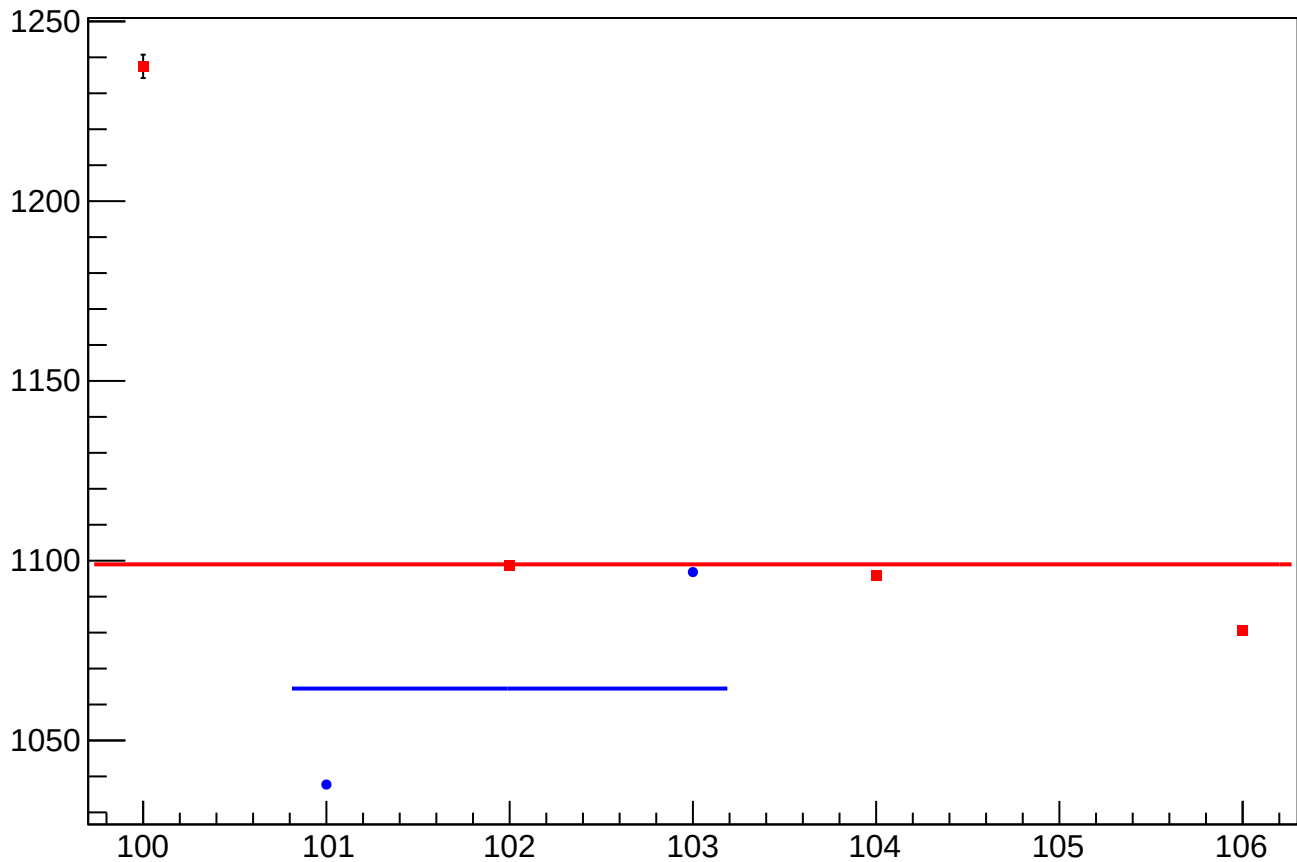
Right: 2447.016+/-644.084 χ^2/NDF : 4.1/5

In: 1778.372+/-947.585 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2447.016+/-644.084 χ^2/NDF : 4.1/5

dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1098.981 $\pm$ 0.621 χ^2 /NDF: 2013.8/3

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

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

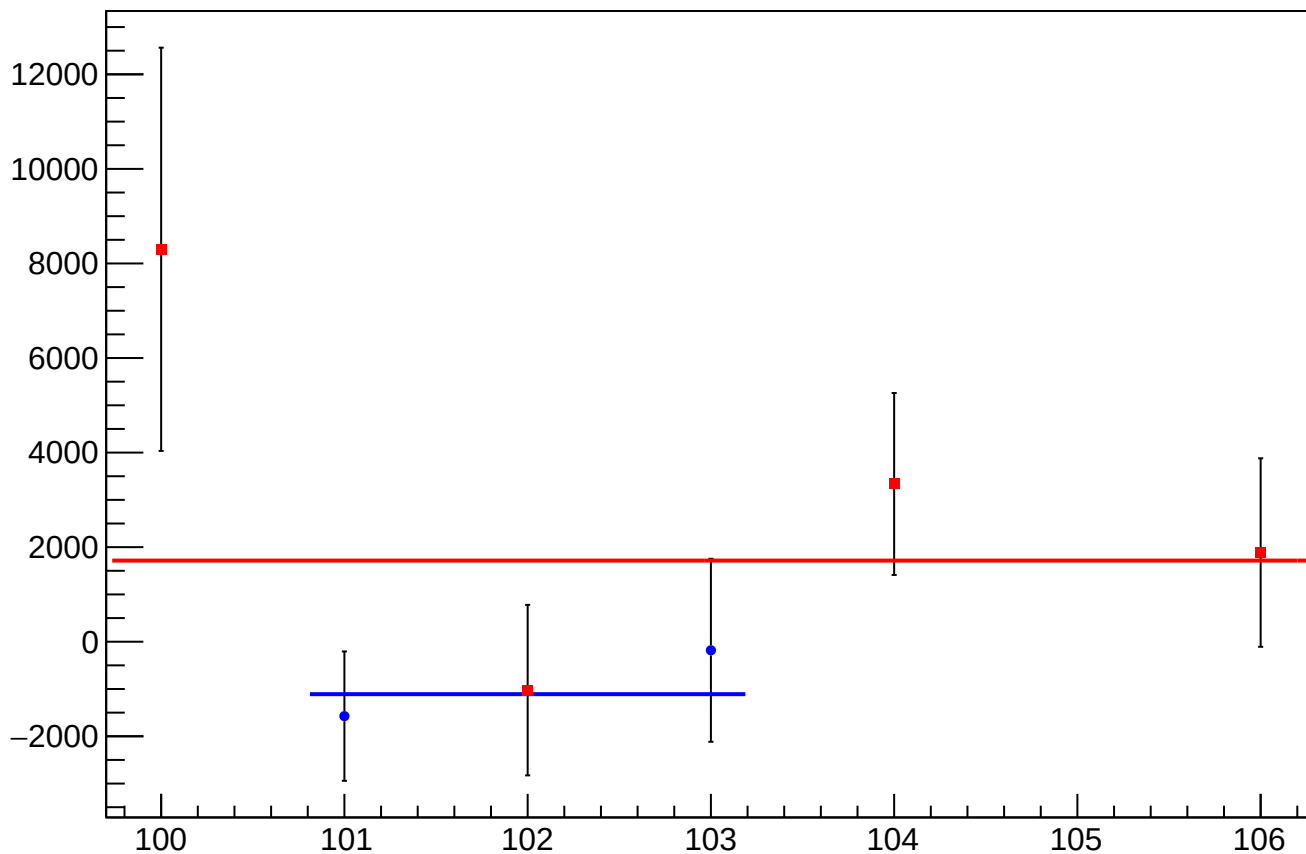
Right: 1083.023 $\pm$ 0.455 χ^2 /NDF: 5369.9/5

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

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

All: 1083.023 $\pm$ 0.455 χ^2 /NDF: 5369.9/5

asym_usl_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1715.995+/-1063.406 χ^2/NDF : 5.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

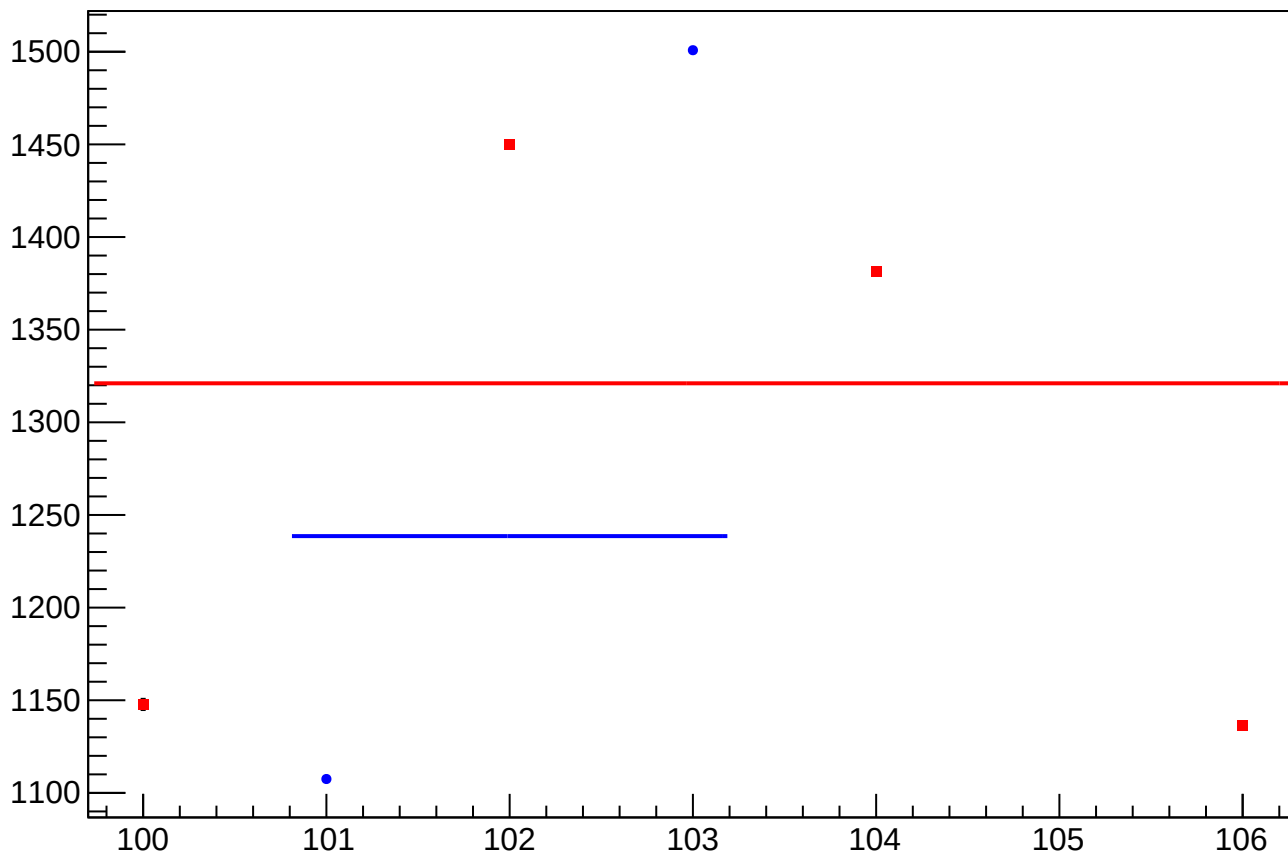
Right: 372.711+/-770.197 χ^2/NDF : 9.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.711+/-770.197 χ^2/NDF : 9.1/5

asym_usl_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1321.054+/-0.752 χ^2/NDF : 32659.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

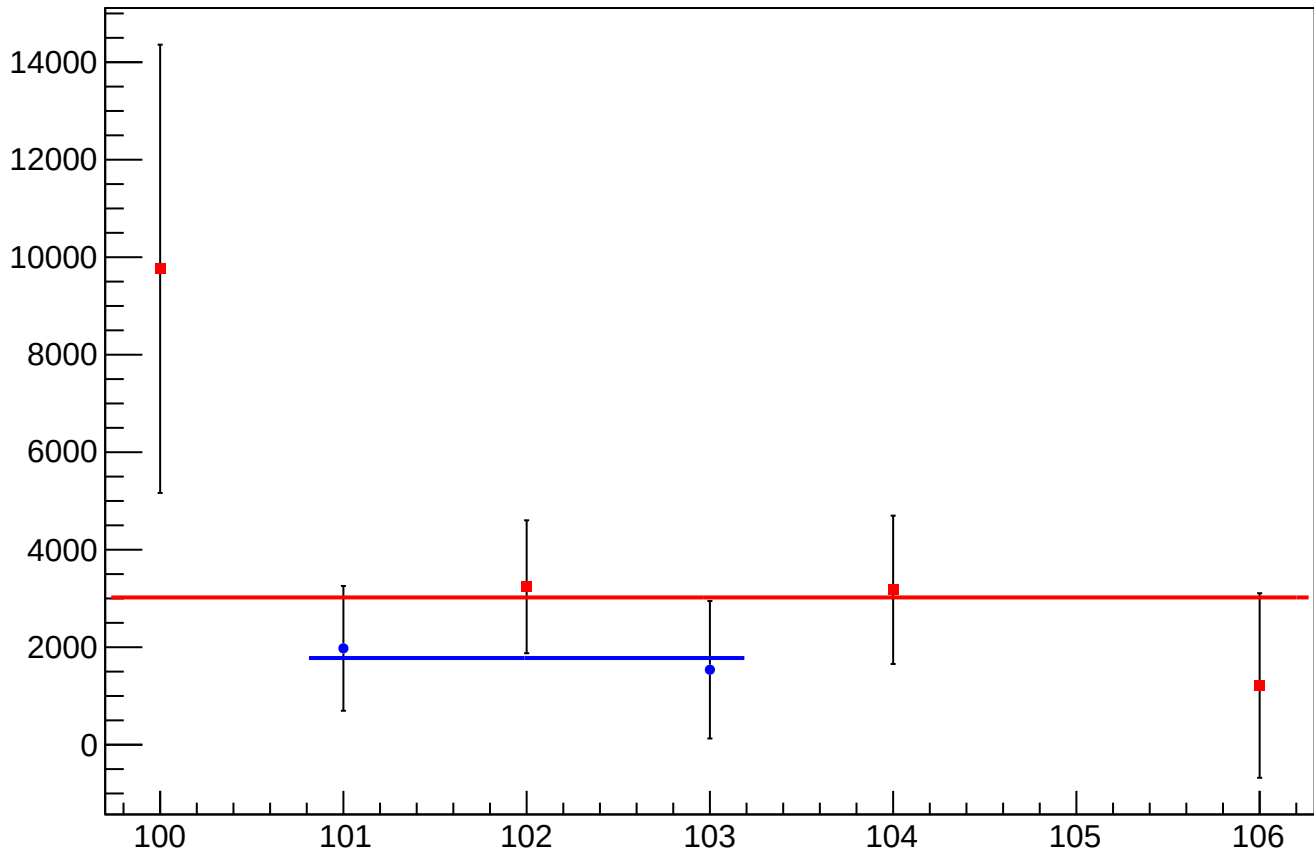
Right: 1281.848+/-0.545 χ^2/NDF : 93480.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.848+/-0.545 χ^2/NDF : 93480.4/5

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 3021.219+/-878.120 χ^2/NDF : 3.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

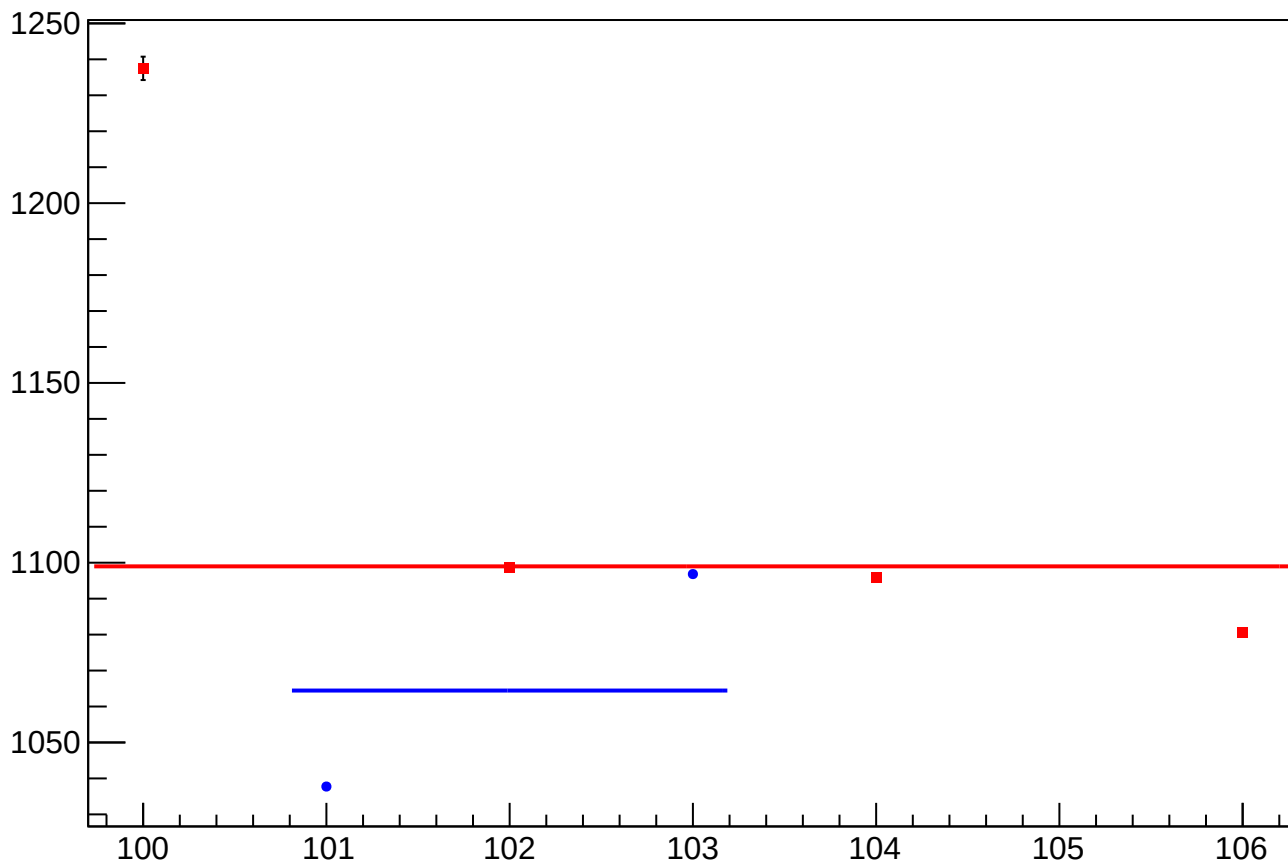
Right: 2447.016+/-644.084 χ^2/NDF : 4.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2447.016+/-644.084 χ^2/NDF : 4.1/5

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1098.981 $\pm$ 0.621 χ^2 /NDF: 2013.8/3

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

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

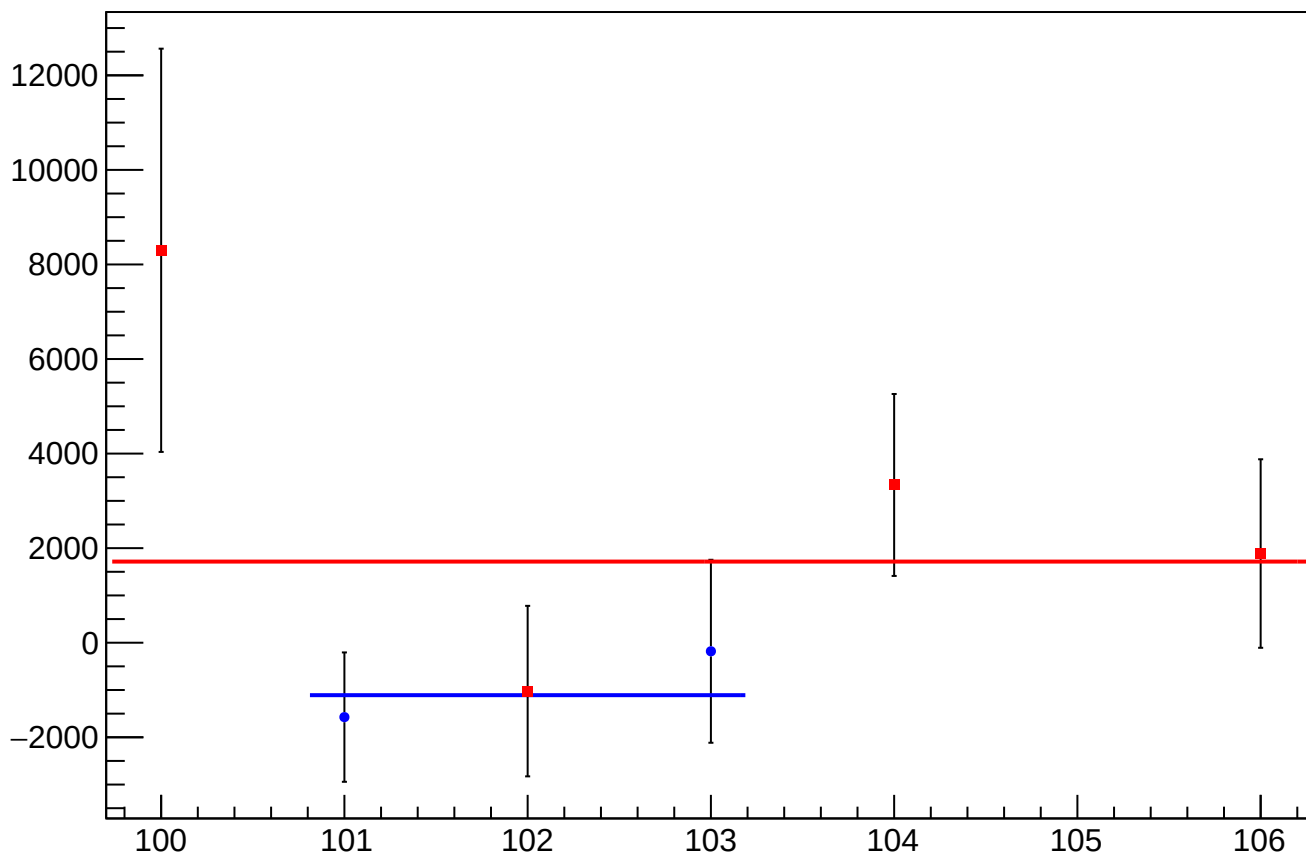
Right: 1083.023 $\pm$ 0.455 χ^2 /NDF: 5369.9/5

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

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

All: 1083.023 $\pm$ 0.455 χ^2 /NDF: 5369.9/5

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 1715.991+/-1063.404 χ^2/NDF : 5.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

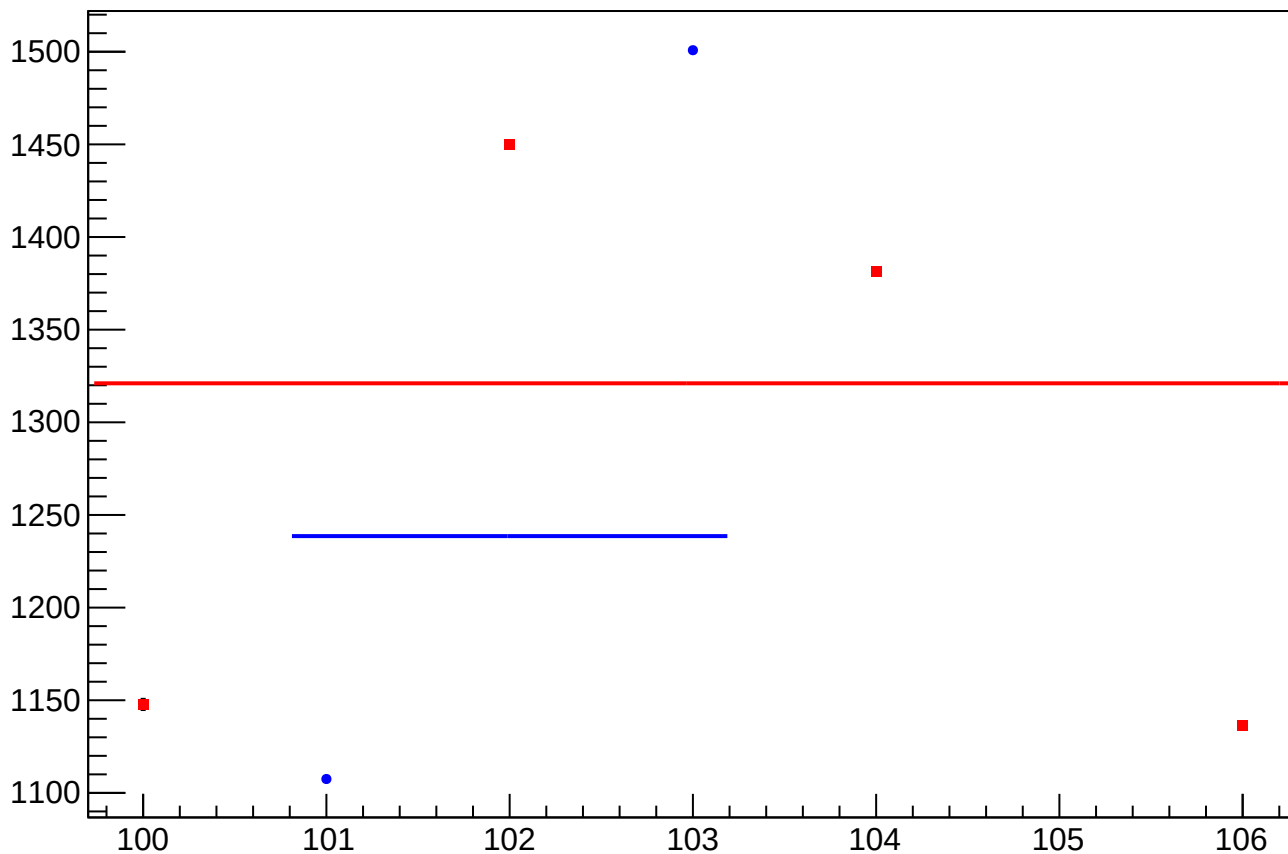
Right: 372.710+/-770.196 χ^2/NDF : 9.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 372.710+/-770.196 χ^2/NDF : 9.1/5

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1321.052+/-0.752 χ^2/NDF : 32659.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

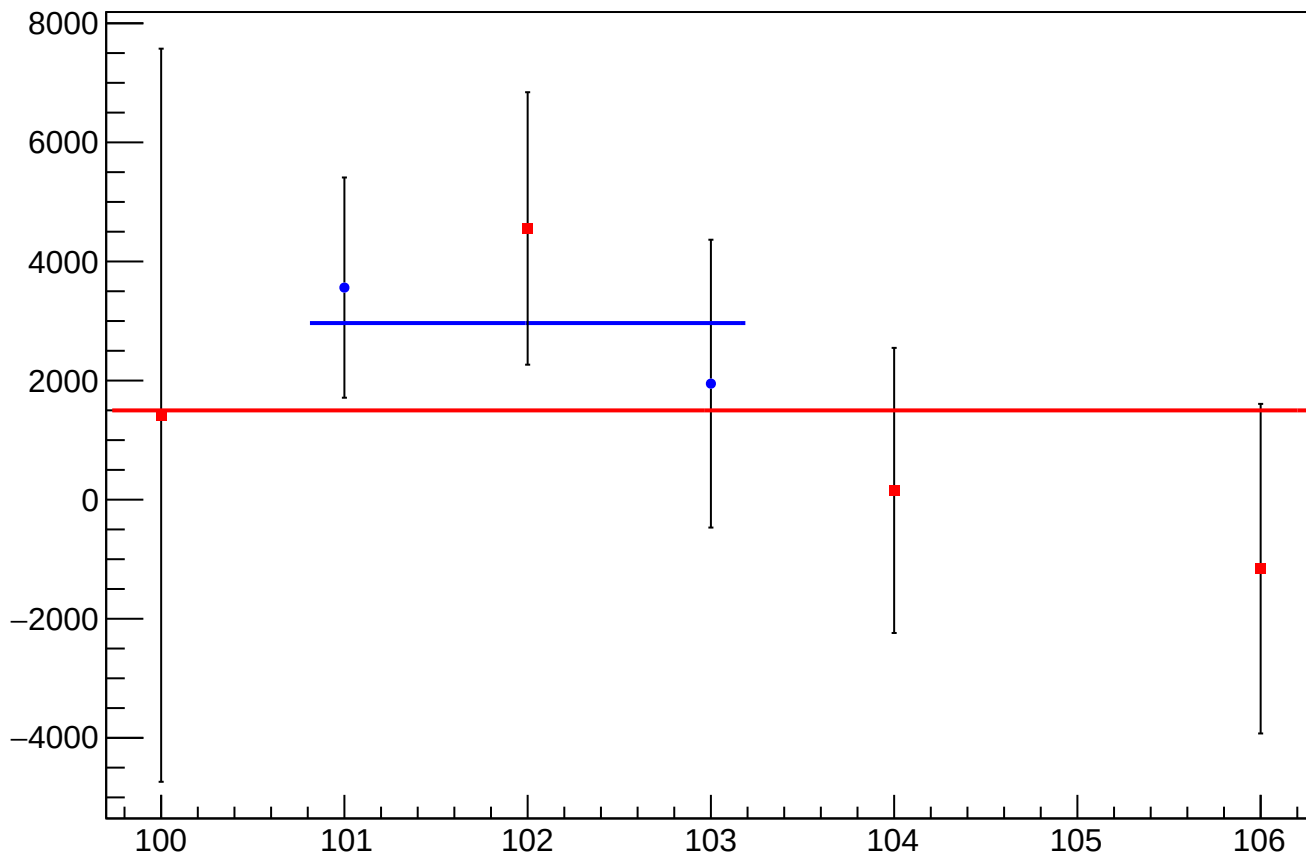
Right: 1281.846+/-0.545 χ^2/NDF : 93479.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.846+/-0.545 χ^2/NDF : 93479.7/5

asym_usl_mean vs Slug, Sign Corrected



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

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

Right Out: 1499.113 $\pm$ 1383.433 χ^2 /NDF: 3.0/3

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

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

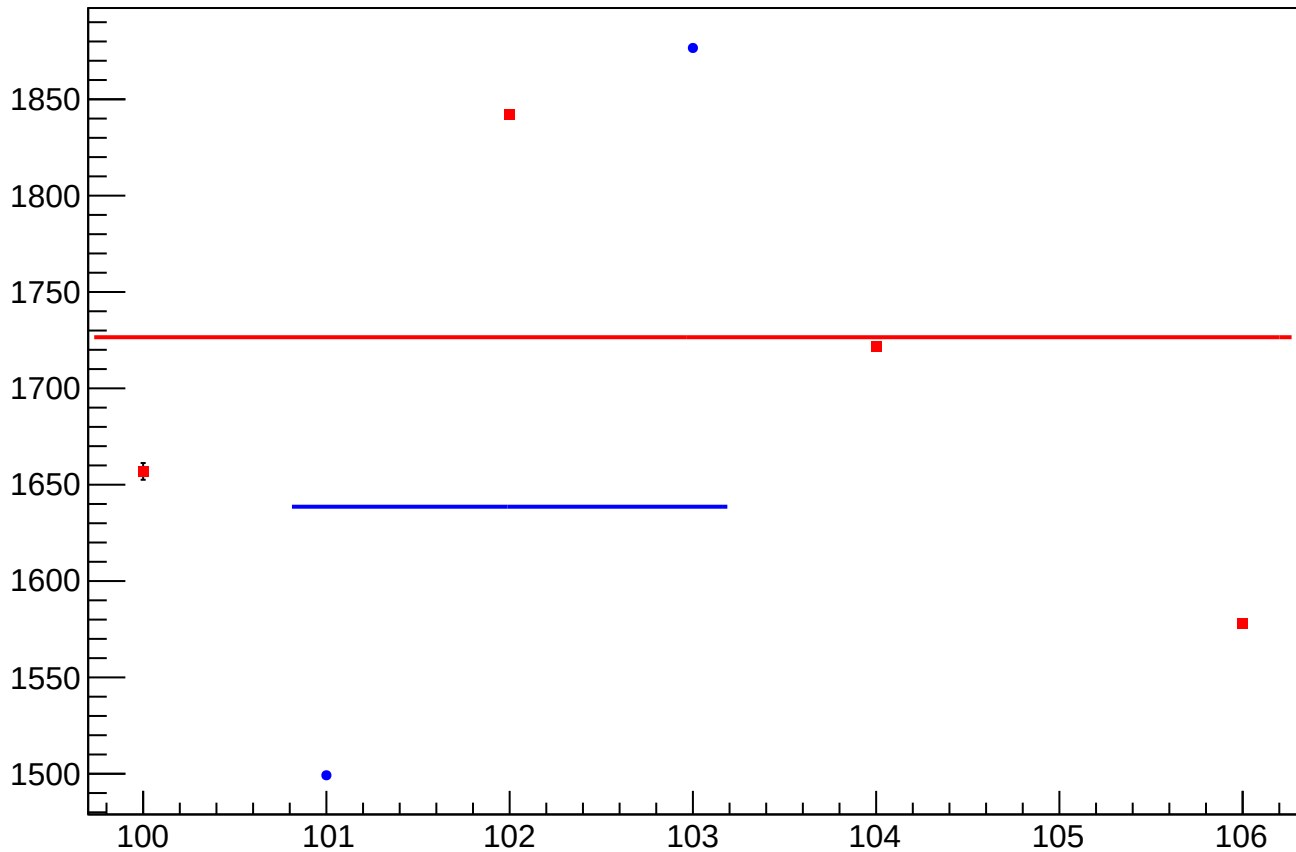
Right: 2188.631 $\pm$ 1007.014 χ^2 /NDF: 3.8/5

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

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

All: 2188.631 $\pm$ 1007.014 χ^2 /NDF: 3.8/5

asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1726.530+/-0.978 χ^2/NDF : 11119.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

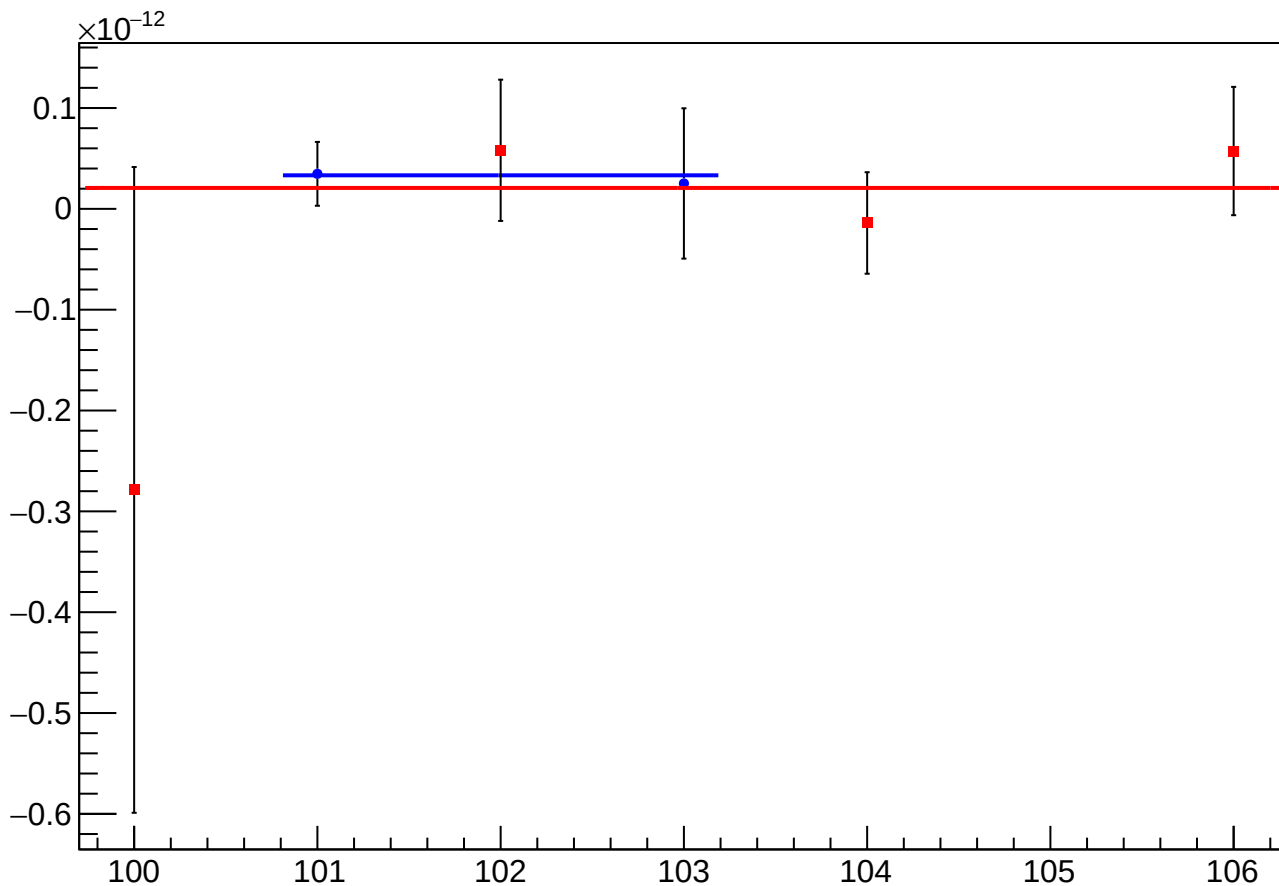
Right: 1685.182+/-0.712 χ^2/NDF : 45682.9/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1685.182+/-0.712 χ^2/NDF : 45682.9/5

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

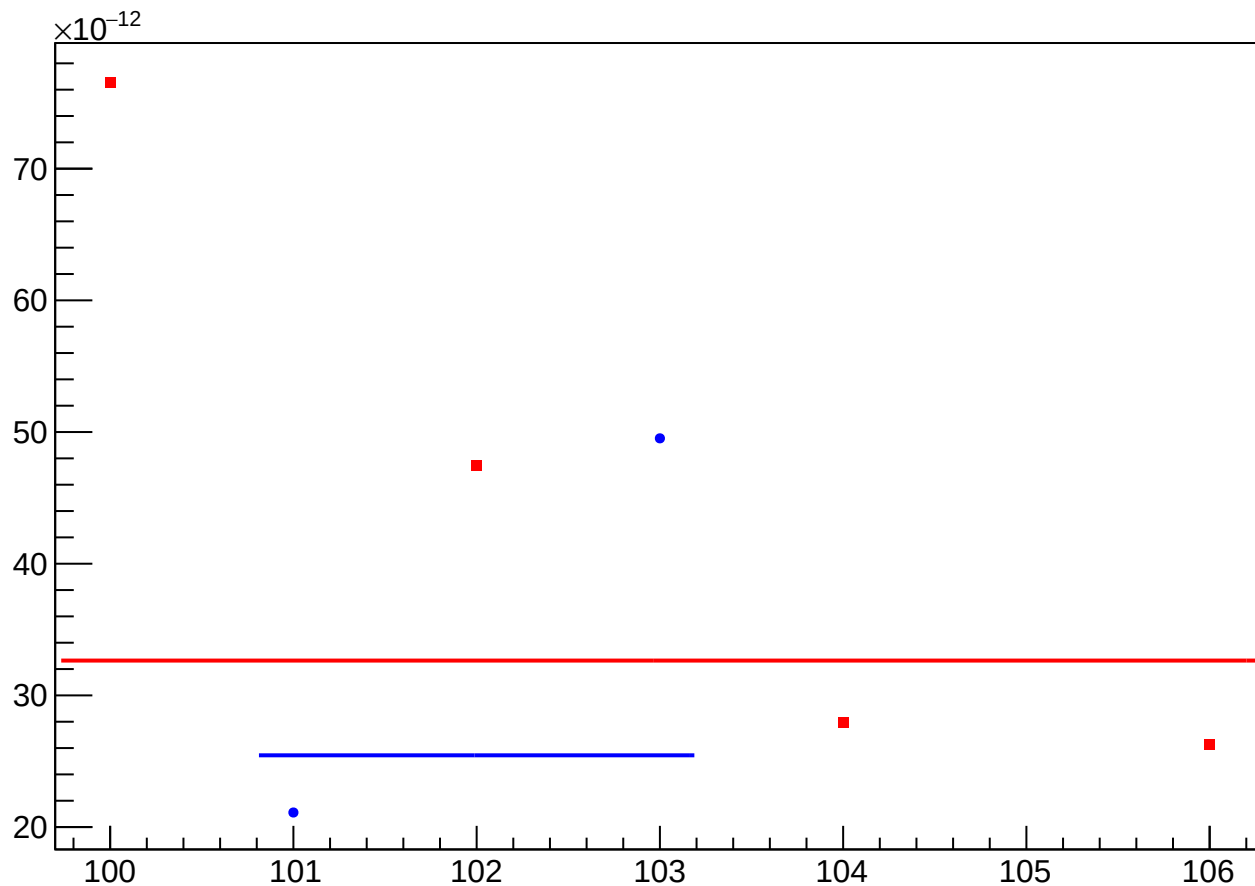
Right: 0.000+/-0.000 χ^2/NDF : 2.1/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.1/5

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 164896.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

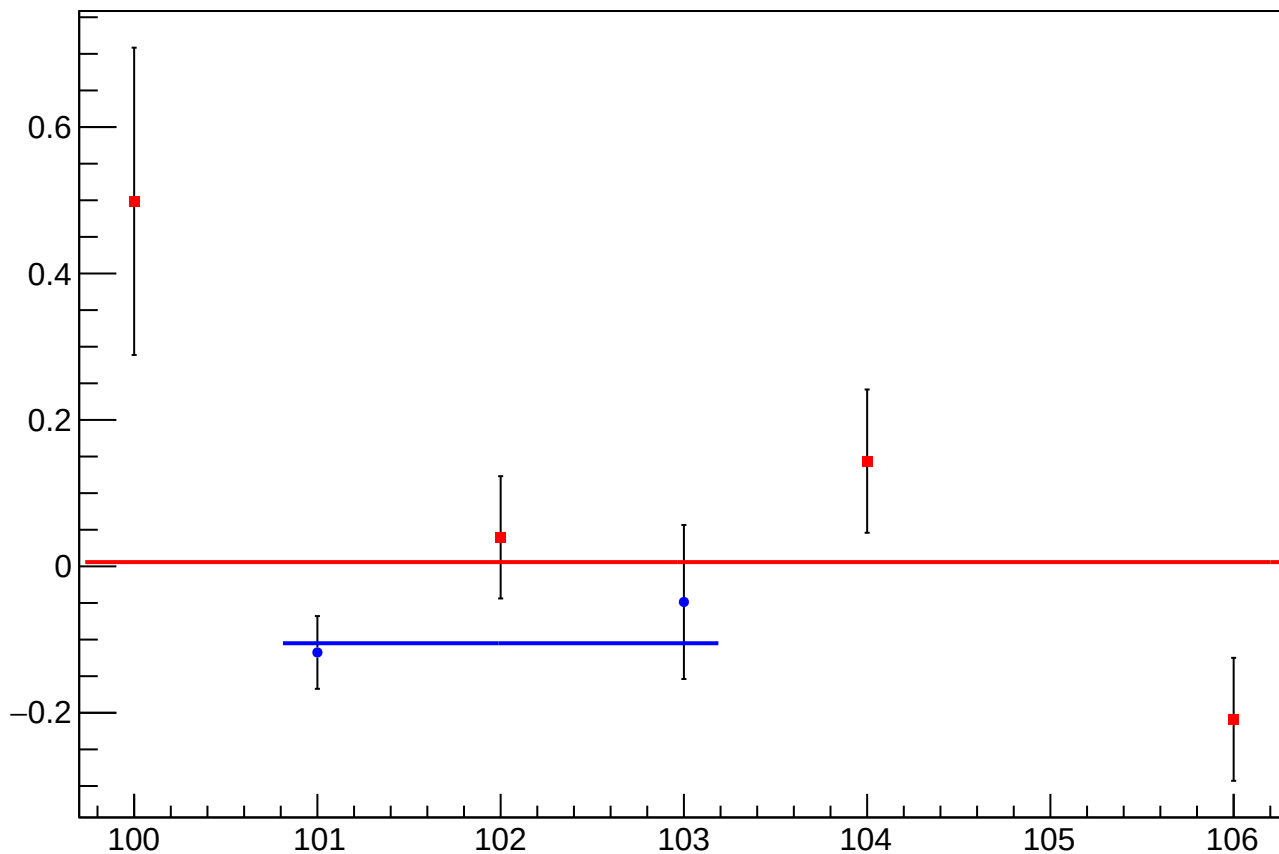
Right: 0.000+/-0.000 χ^2/NDF : 462374.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 462374.7/5

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.006 ± 0.049 χ^2/NDF : 14.2/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

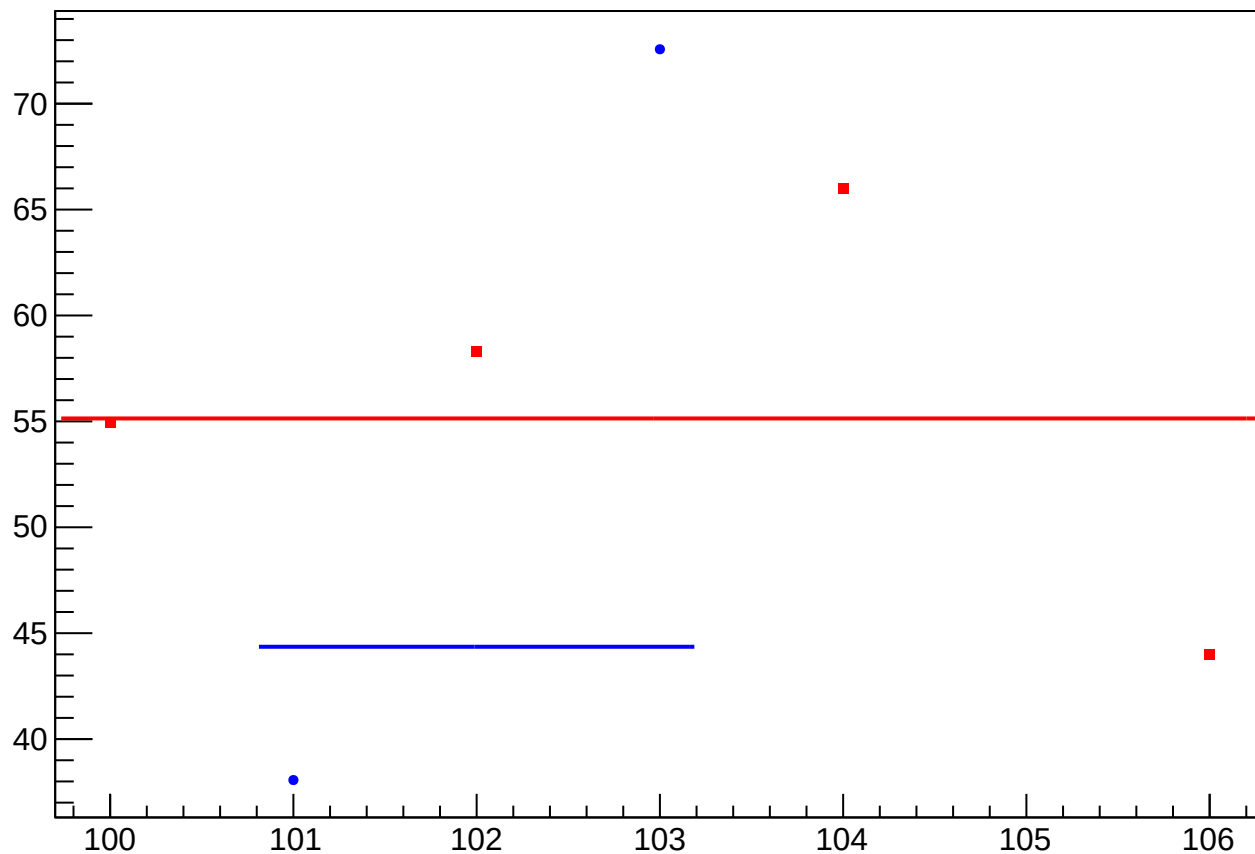
Right: -0.055 ± 0.033 χ^2/NDF : 17.3/5

In: -0.105 ± 0.045 χ^2/NDF : 0.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.055 ± 0.033 χ^2/NDF : 17.3/5

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 55.138+/-0.035 χ^2/NDF : 62813.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

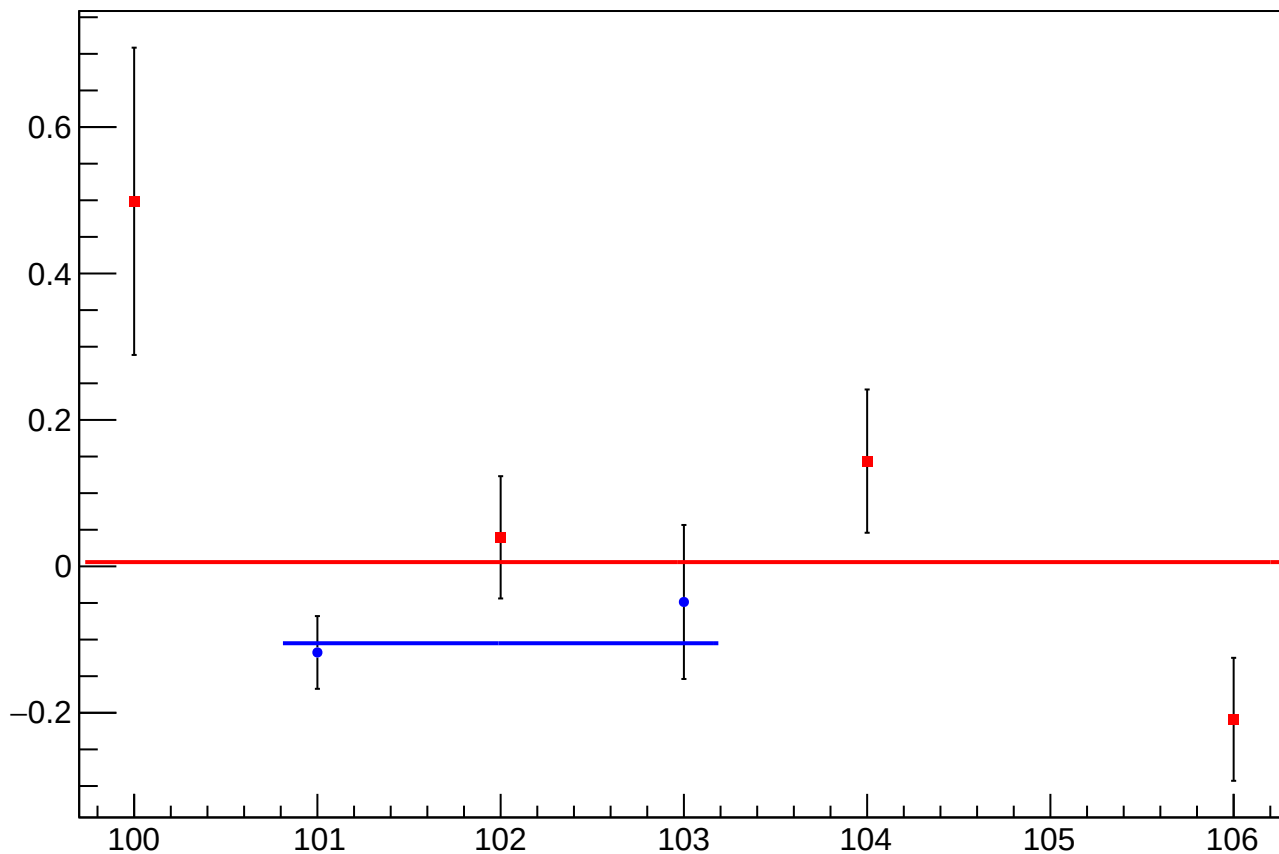
Right: 49.255+/-0.023 χ^2/NDF : 291105.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.255+/-0.023 χ^2/NDF : 291105.7/5

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.006+/-0.049 χ^2/NDF : 14.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

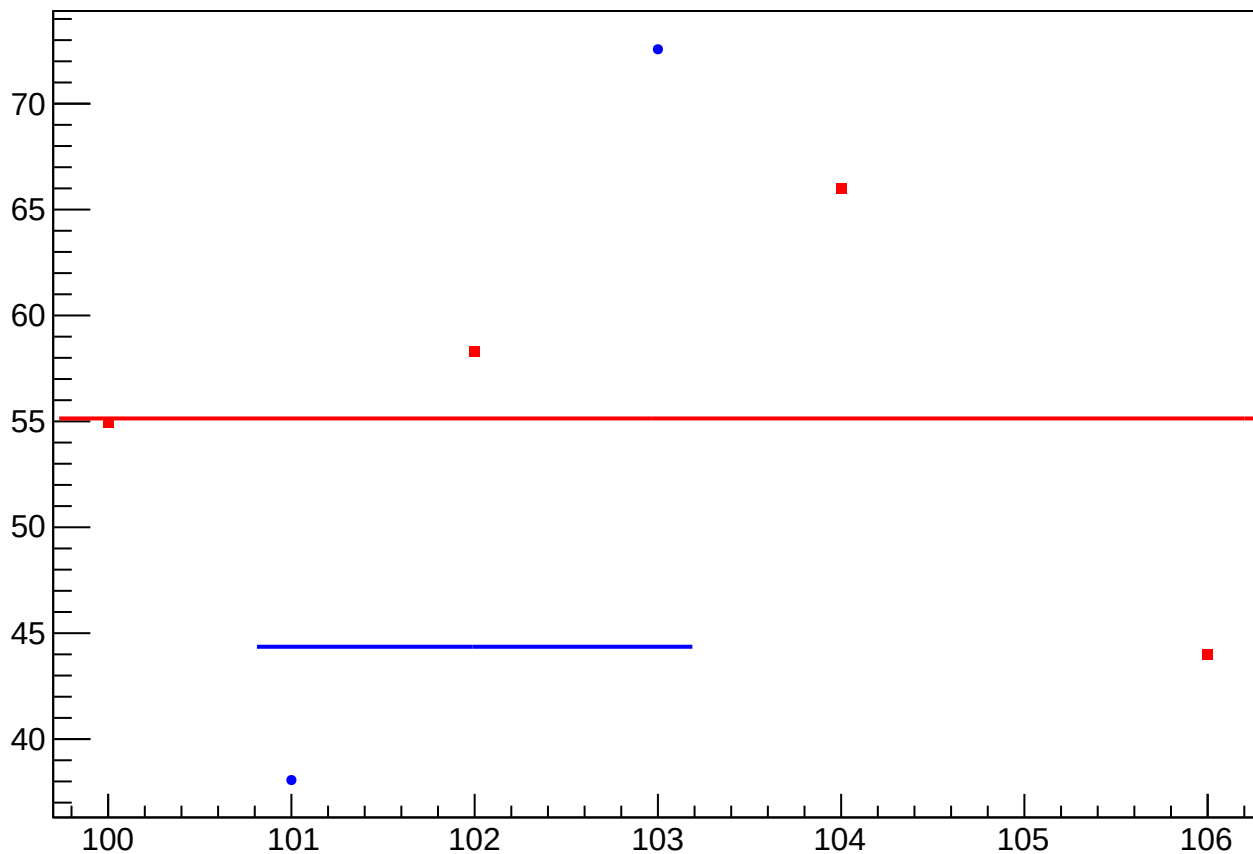
Right: -0.055+/-0.033 χ^2/NDF : 17.3/5

In: -0.105+/-0.045 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.055+/-0.033 χ^2/NDF : 17.3/5

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 55.138+/-0.035 χ^2/NDF : 62813.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

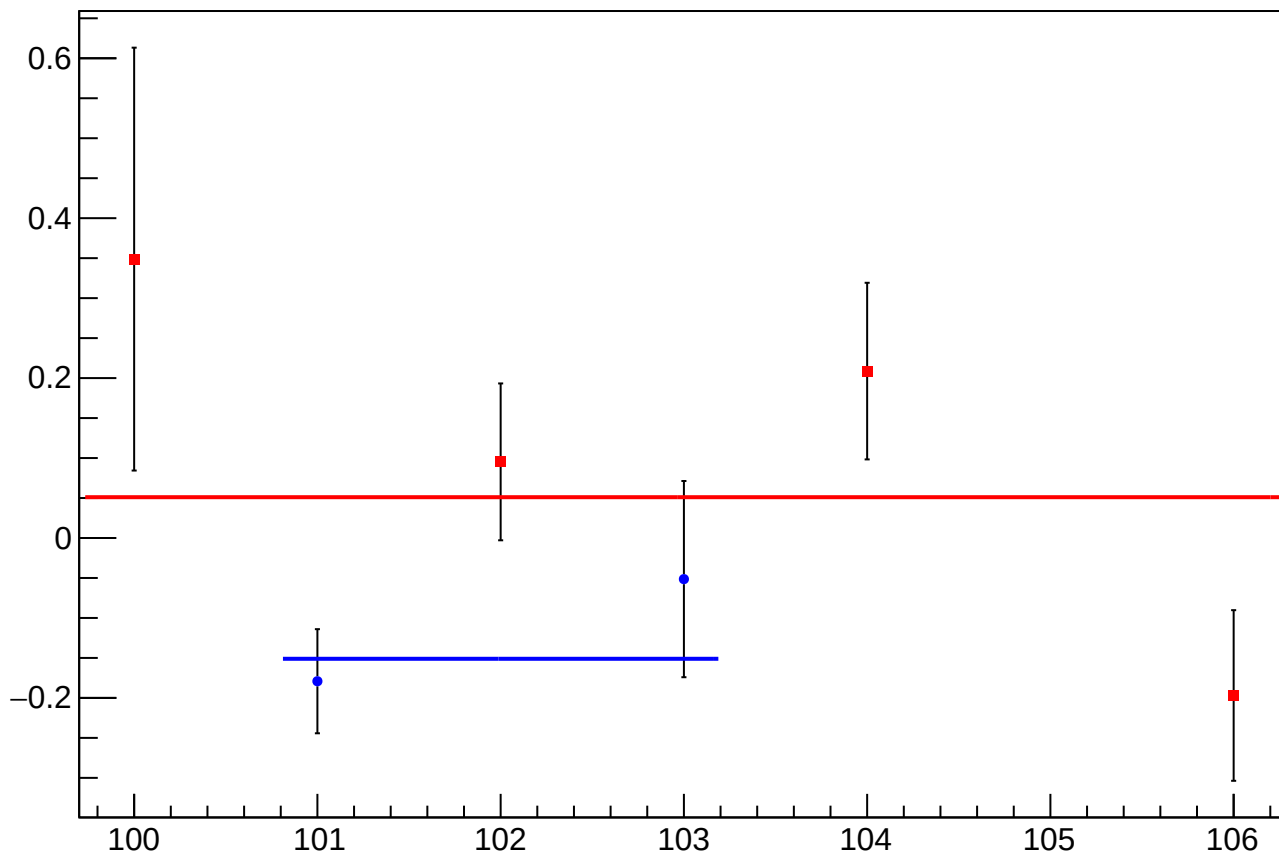
Right: 49.255+/-0.023 χ^2/NDF : 291105.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.255+/-0.023 χ^2/NDF : 291105.7/5

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.051+/-0.059 χ^2/NDF : 8.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

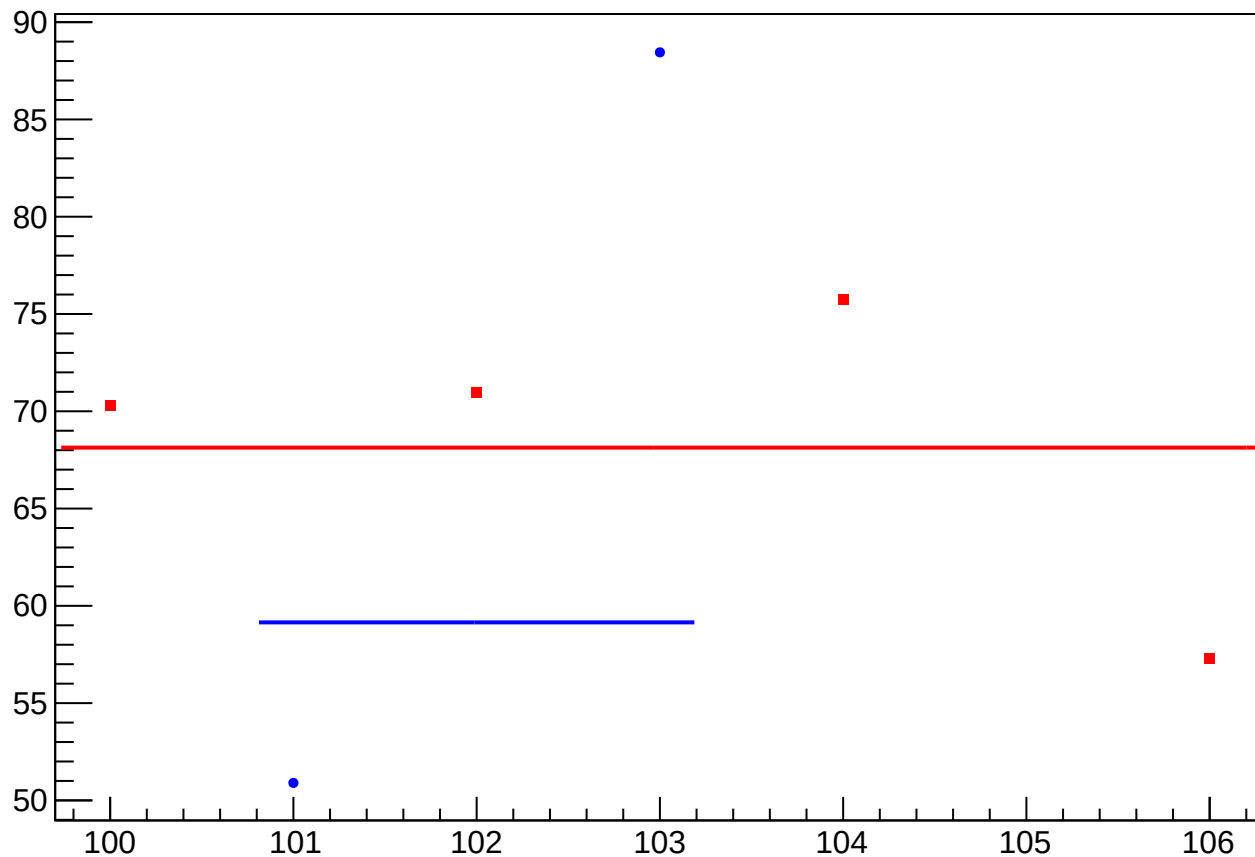
Right: -0.052+/-0.041 χ^2/NDF : 15.8/5

In: -0.151+/-0.058 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.052+/-0.041 χ^2/NDF : 15.8/5

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 68.133+/-0.042 χ^2/NDF : 32002.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

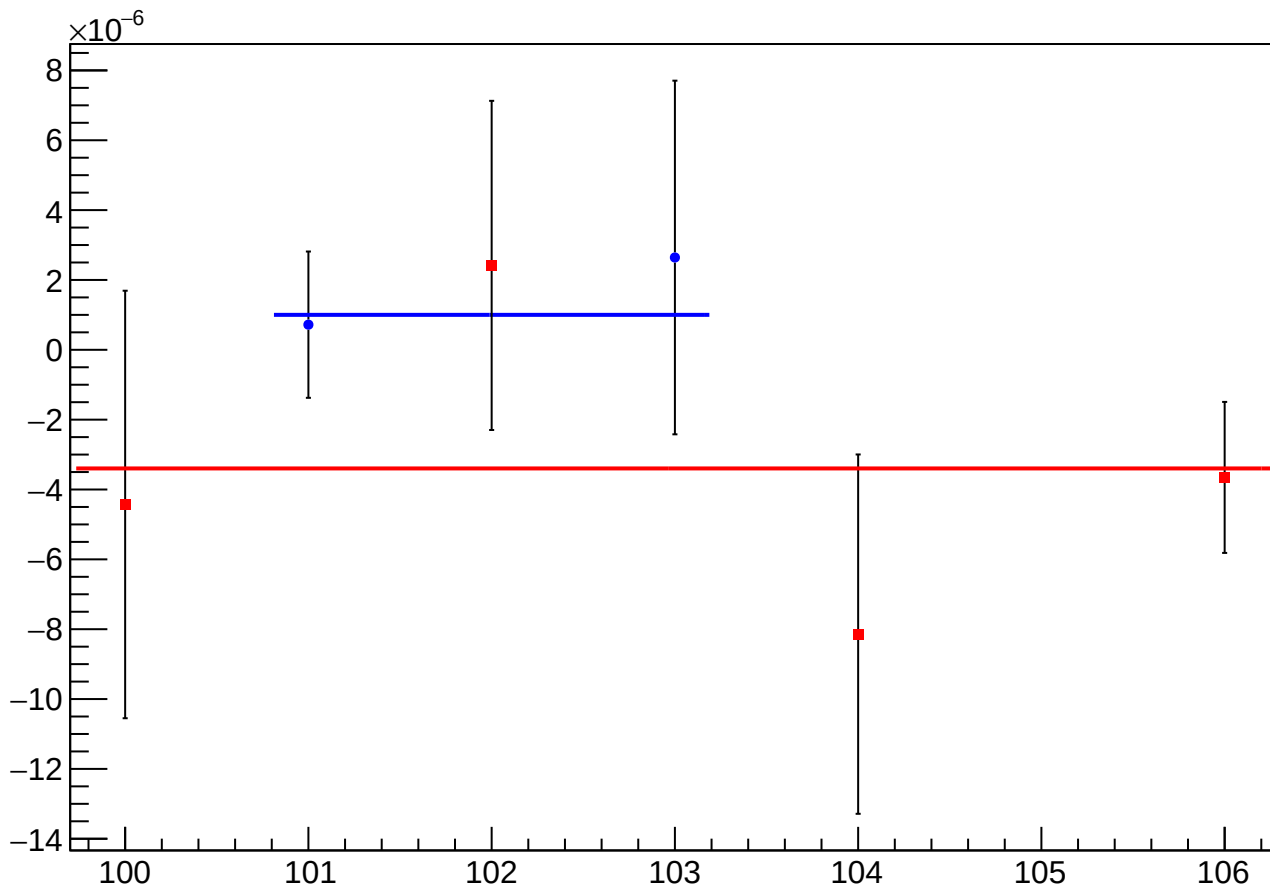
Right: 63.533+/-0.029 χ^2/NDF : 201932.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.533+/-0.029 χ^2/NDF : 201932.8/5

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

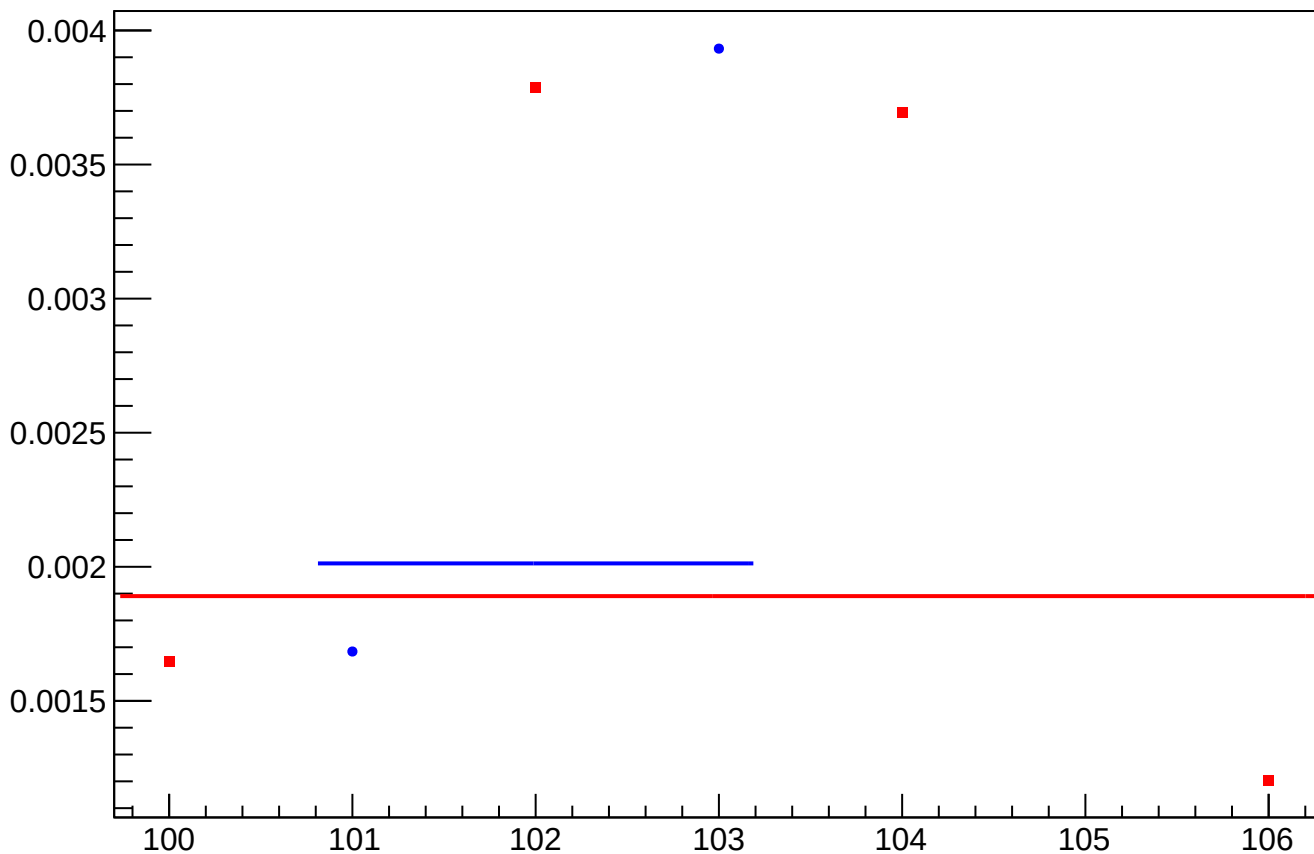
Right: -0.000+/-0.000 χ^2/NDF : 5.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.4/5

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.002+/-0.000 χ^2/NDF : 774757.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

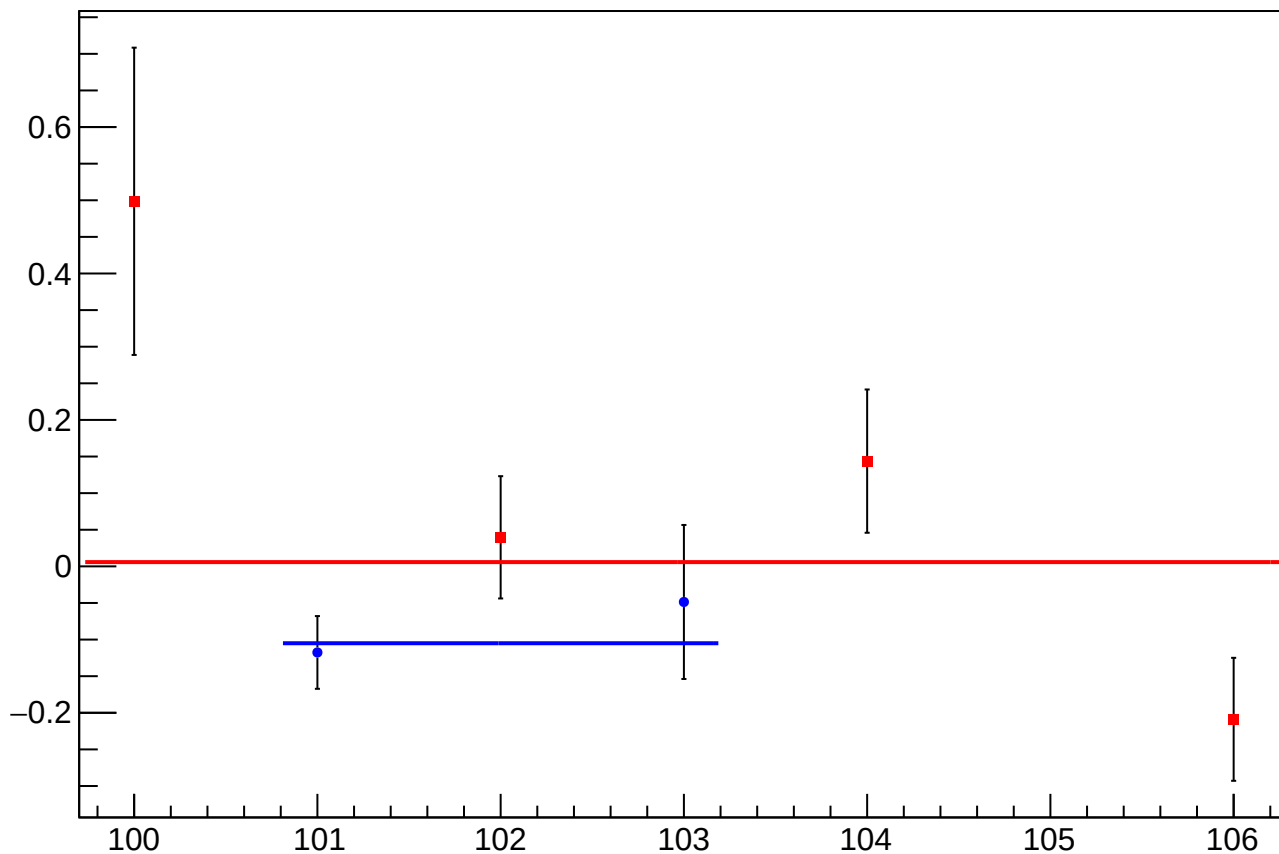
Right: 0.002+/-0.000 χ^2/NDF : 1115797.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1115797.7/5

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.006+/-0.049 χ^2/NDF : 14.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

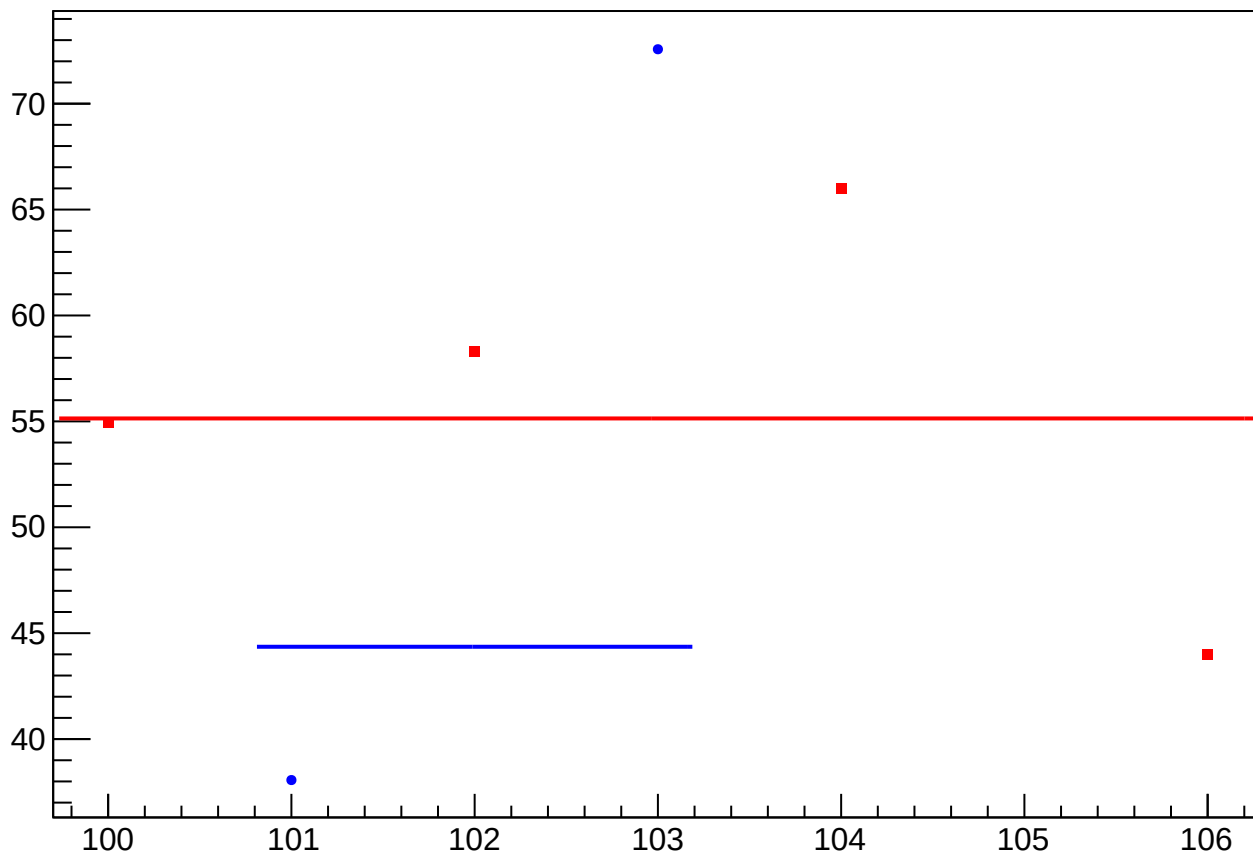
Right: -0.055+/-0.033 χ^2/NDF : 17.3/5

In: -0.105+/-0.045 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.055+/-0.033 χ^2/NDF : 17.3/5

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 55.138+/-0.035 χ^2/NDF : 62808.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

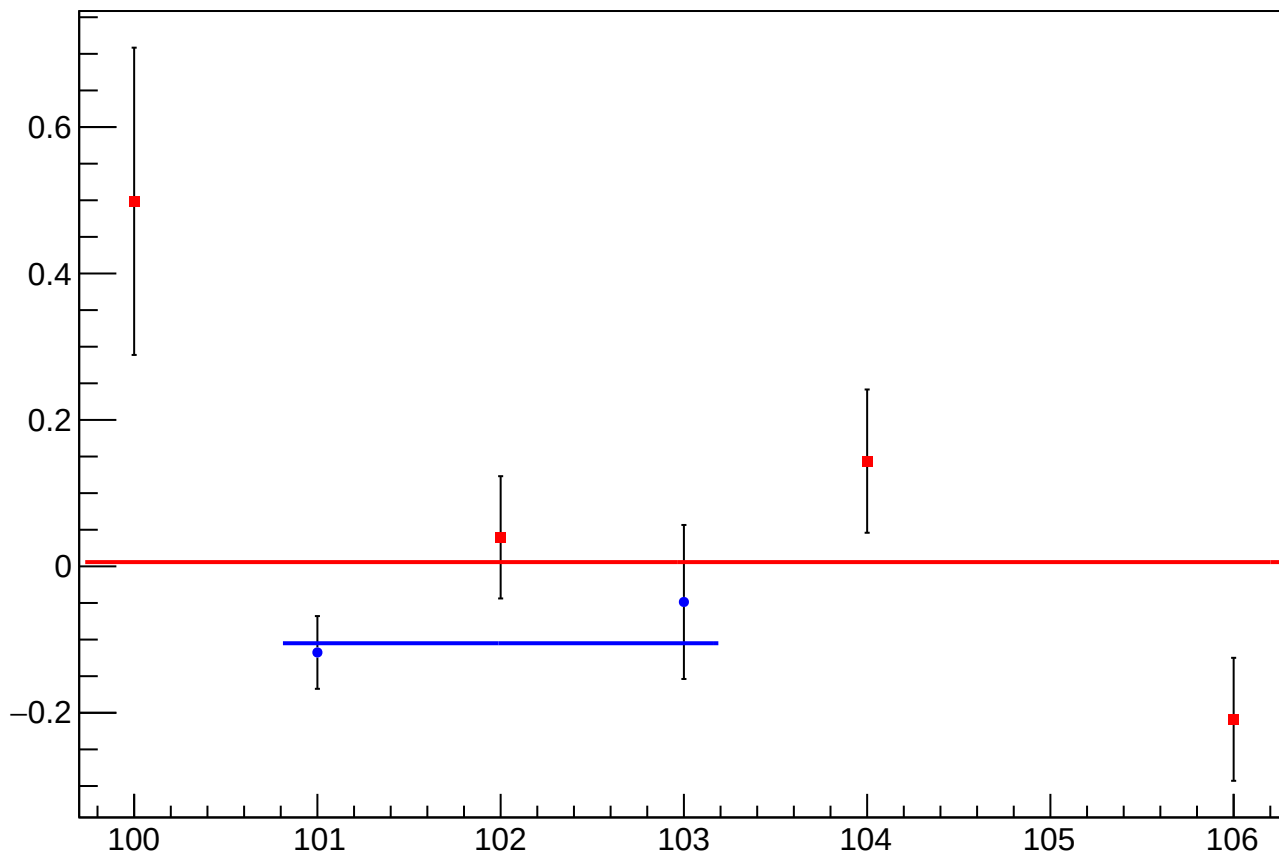
Right: 49.254+/-0.023 χ^2/NDF : 291108.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.254+/-0.023 χ^2/NDF : 291108.3/5

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.006+/-0.049 χ^2 /NDF: 14.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

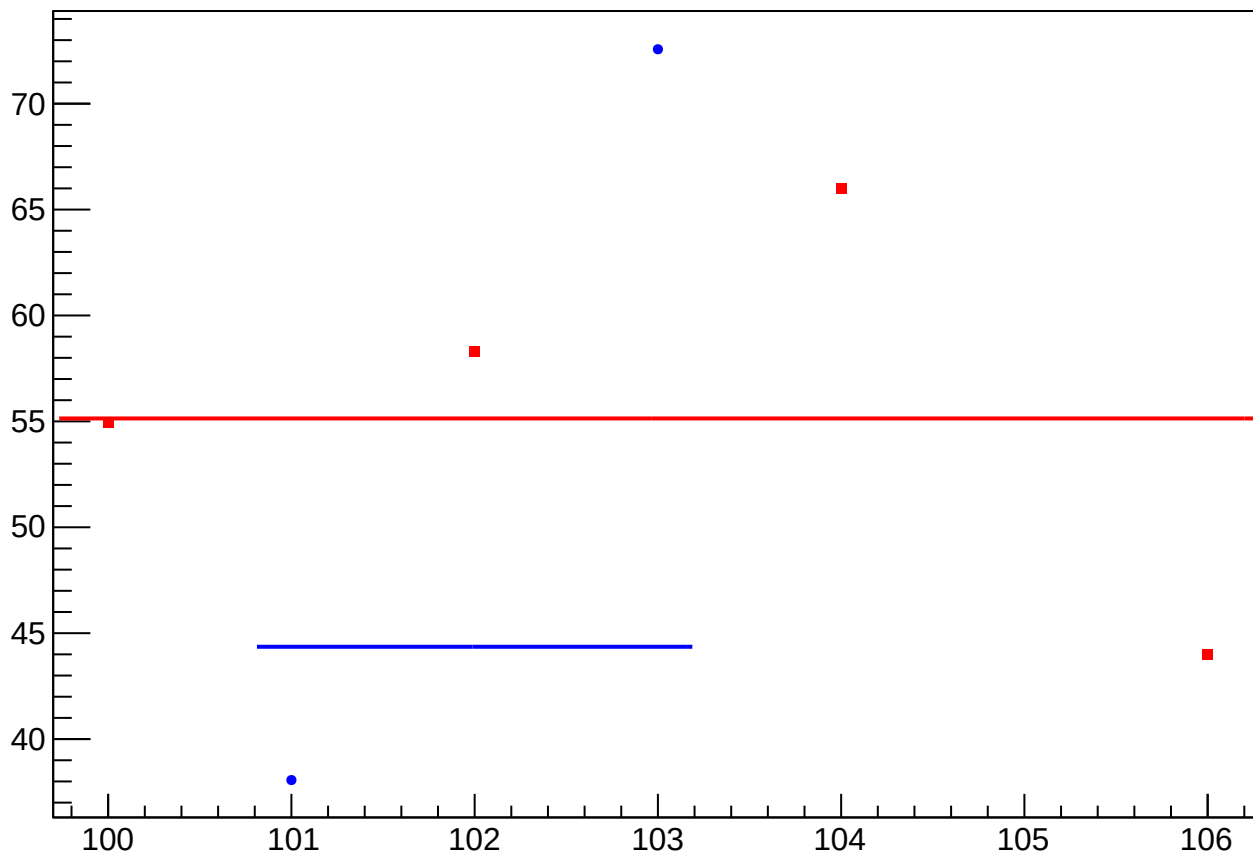
Right: -0.055+/-0.033 χ^2 /NDF: 17.3/5

In: -0.105+/-0.045 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.055+/-0.033 χ^2 /NDF: 17.3/5

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 55.138+/-0.035 χ^2/NDF : 62808.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

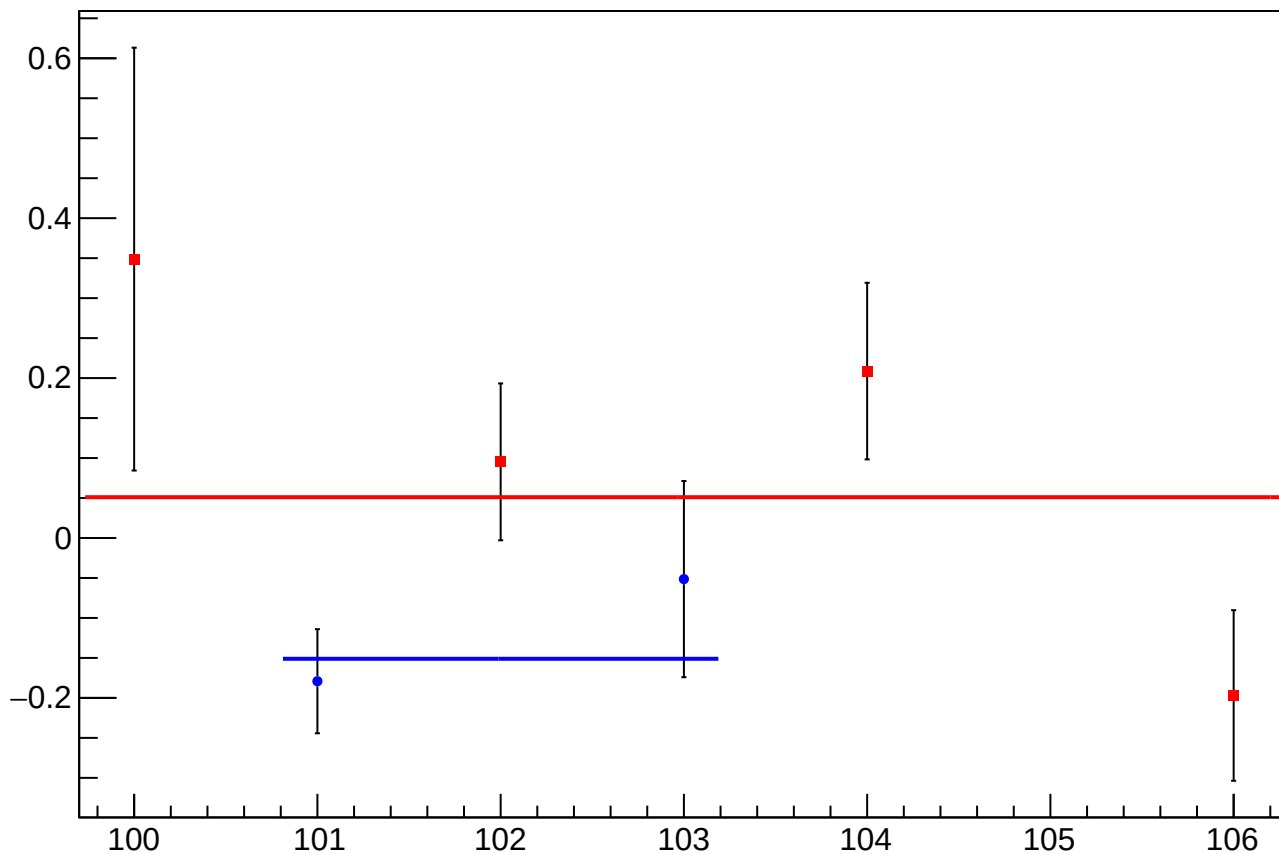
Right: 49.254+/-0.023 χ^2/NDF : 291108.3/5

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.254+/-0.023 χ^2/NDF : 291108.3/5

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.051+/-0.059 χ^2/NDF : 8.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

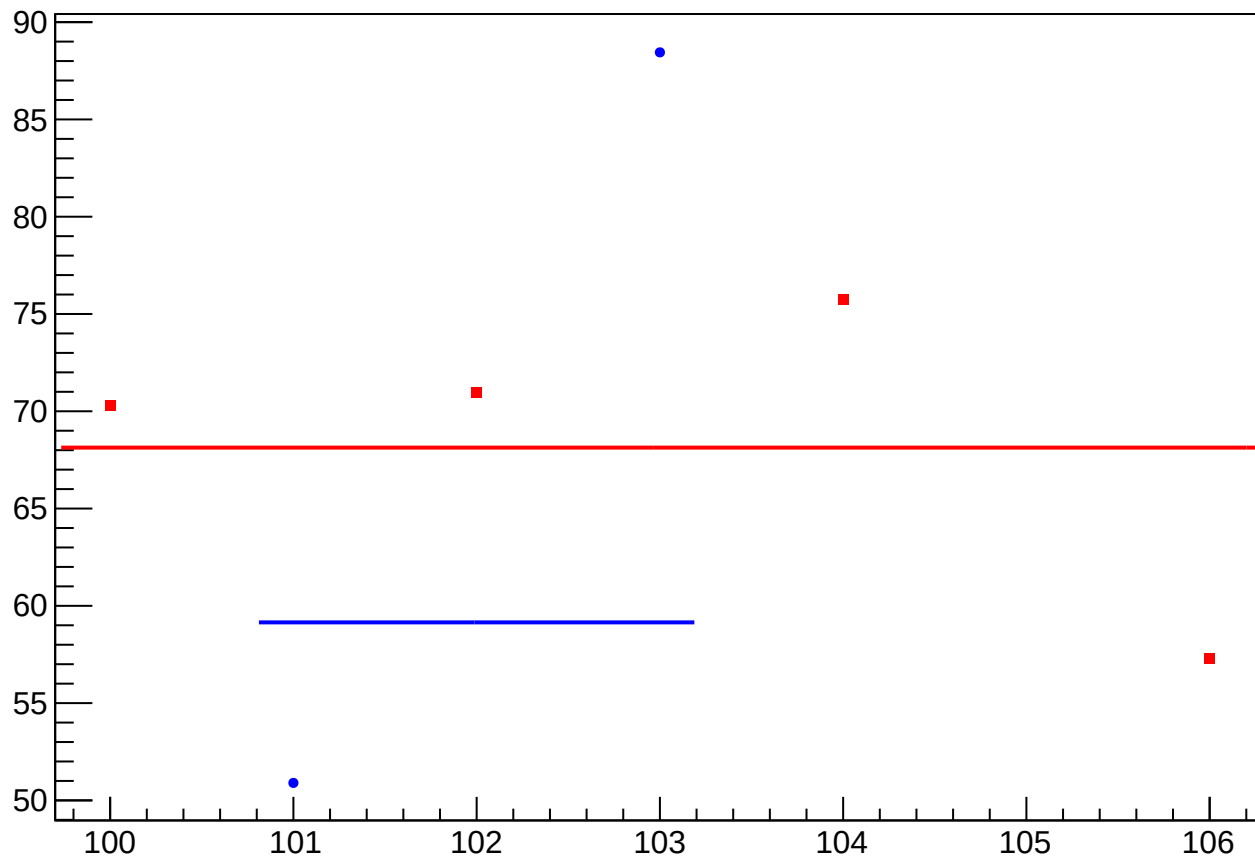
Right: -0.052+/-0.041 χ^2/NDF : 15.8/5

In: -0.151+/-0.058 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.052+/-0.041 χ^2/NDF : 15.8/5

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 68.132+/-0.042 χ^2/NDF : 31997.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

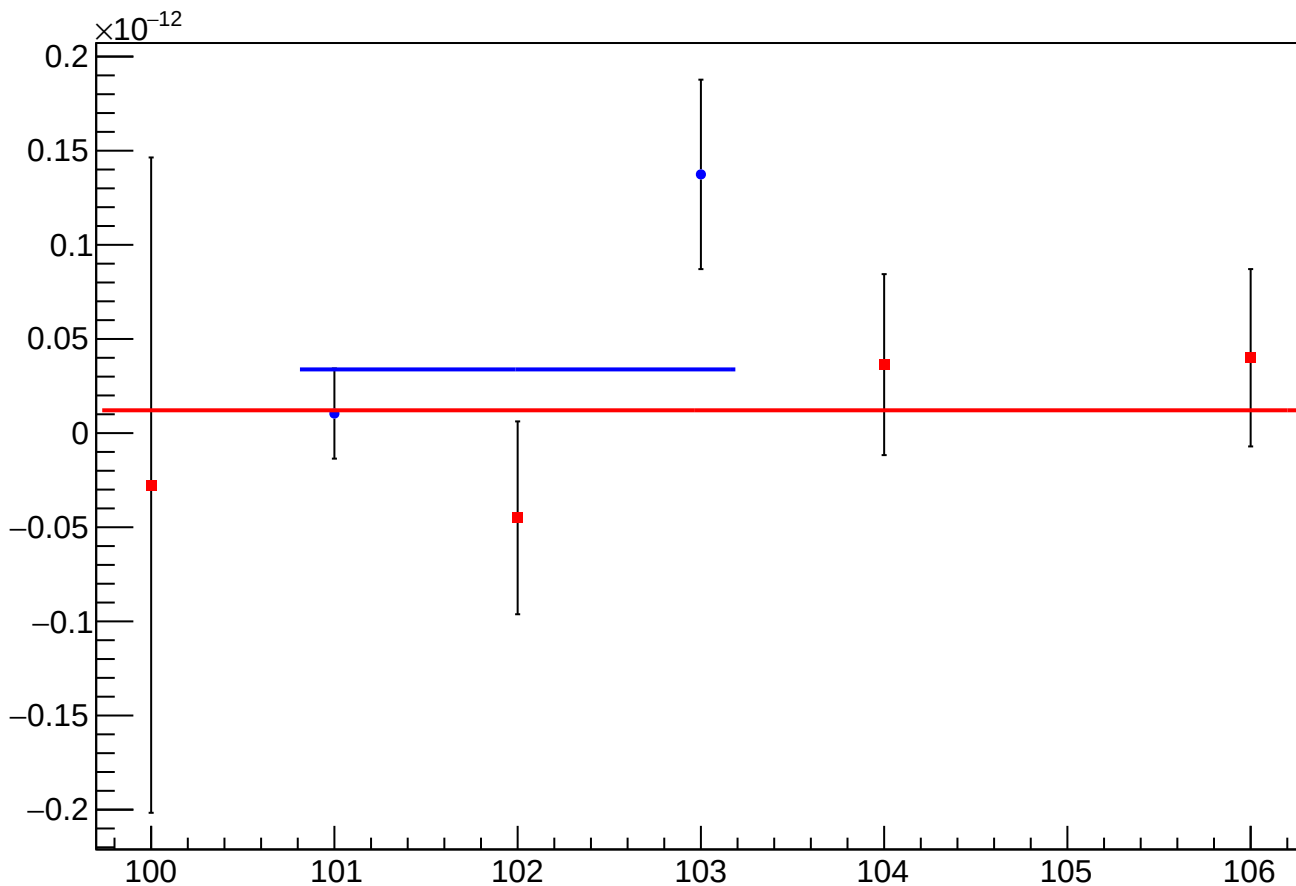
Right: 63.533+/-0.029 χ^2/NDF : 201927.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.533+/-0.029 χ^2/NDF : 201927.4/5

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

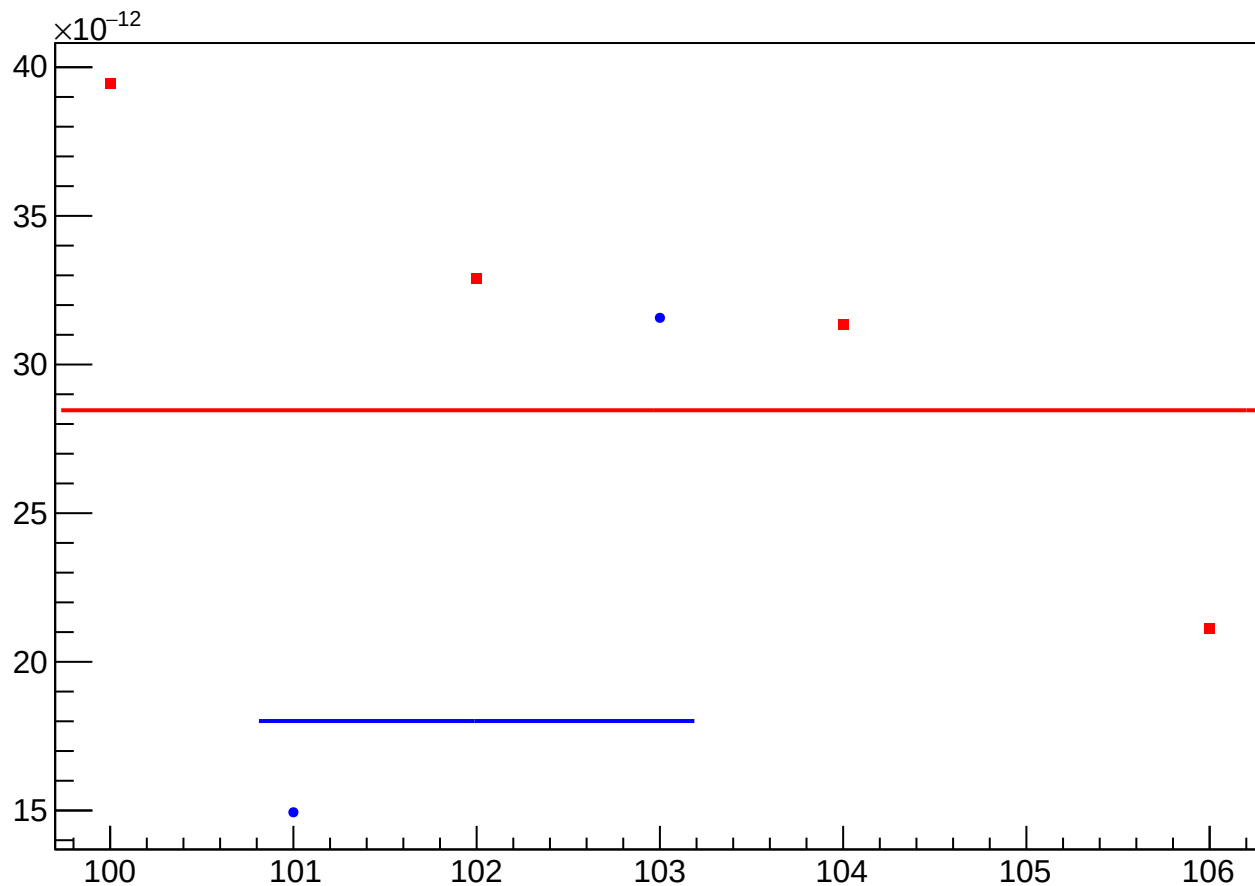
Right: 0.000+/-0.000 χ^2/NDF : 7.5/5

In: 0.000+/-0.000 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.5/5

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 78888.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

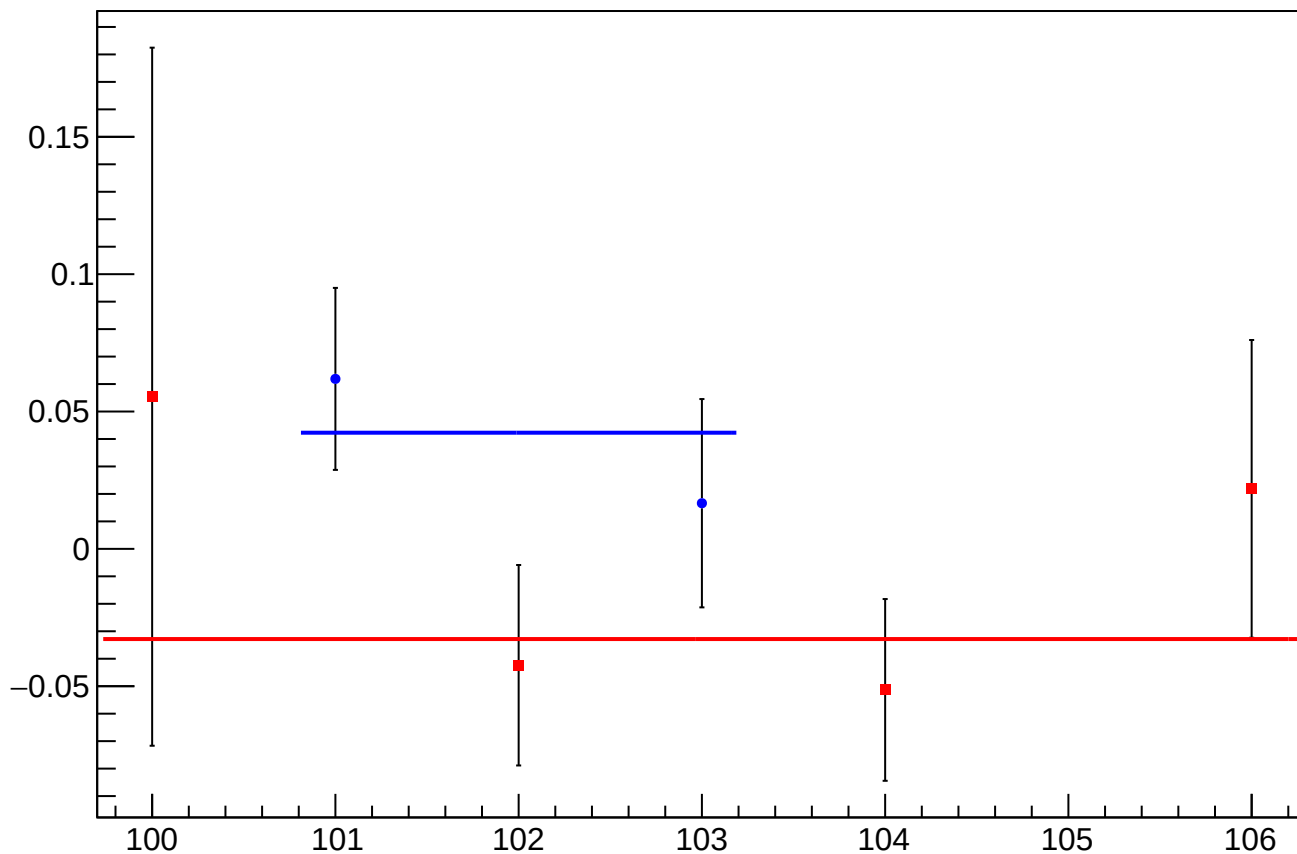
Right: 0.000+/-0.000 χ^2/NDF : 433661.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 433661.7/5

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.033 $\pm$ 0.022 χ^2 /NDF: 1.9/3

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

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

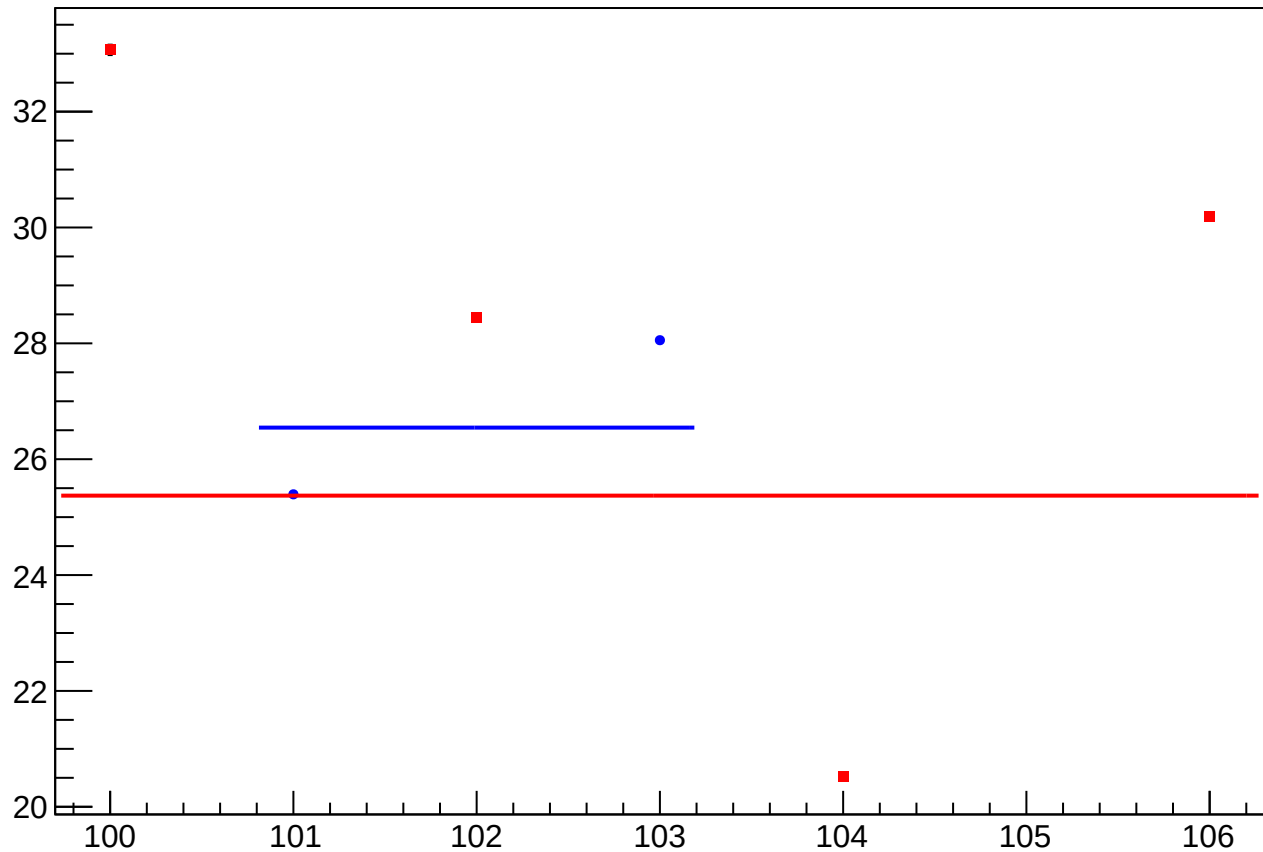
Right: 0.000 $\pm$ 0.016 χ^2 /NDF: 7.8/5

In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

All: 0.000 $\pm$ 0.016 χ^2 /NDF: 7.8/5

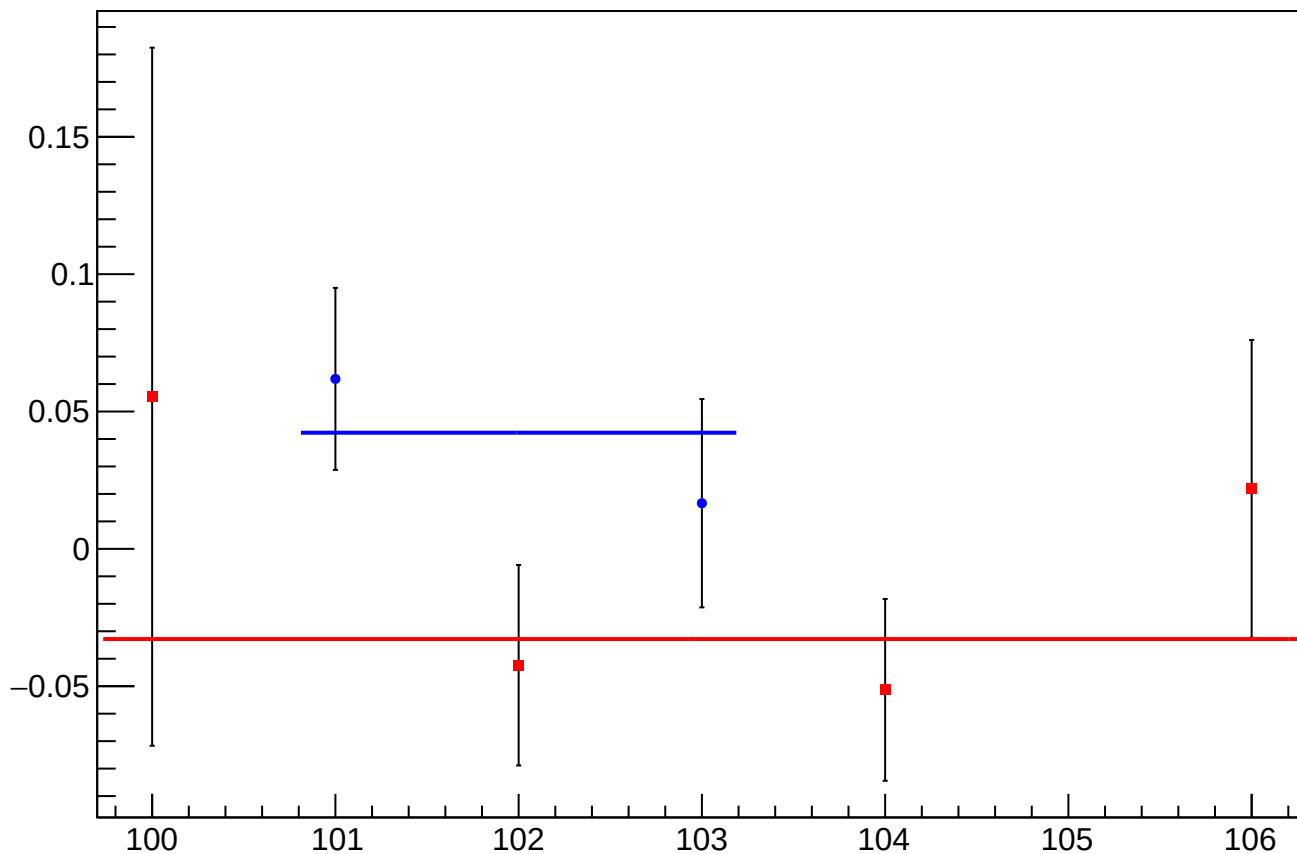
asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.545+/-0.018 χ^2/NDF : 5585.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 25.371+/-0.016 χ^2/NDF : 80301.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 25.885+/-0.012 χ^2/NDF : 88379.2/5
 In: 26.545+/-0.018 χ^2/NDF : 5585.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 25.885+/-0.012 χ^2/NDF : 88379.2/5

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.033 $\pm$ 0.022 χ^2 /NDF: 1.9/3

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

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

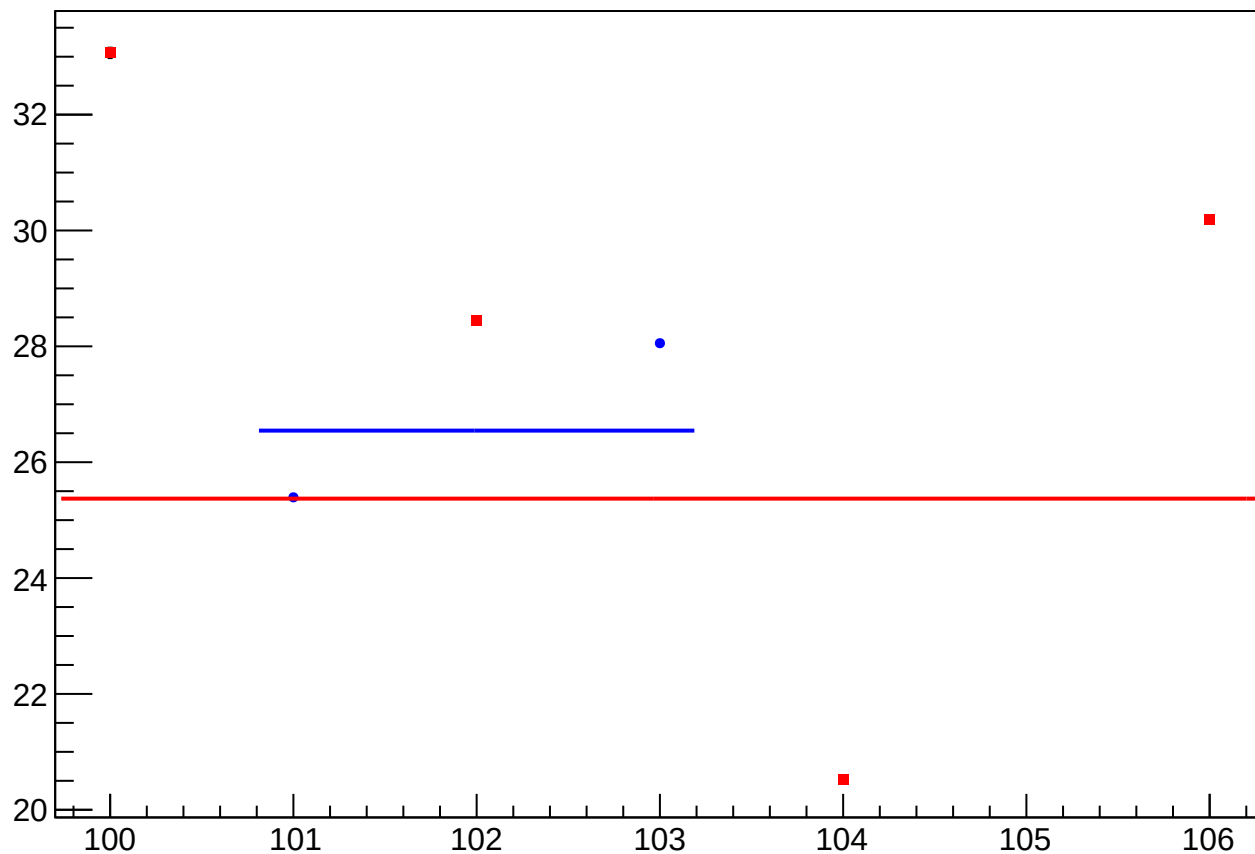
Right: 0.000 $\pm$ 0.016 χ^2 /NDF: 7.8/5

In: 0.042 $\pm$ 0.025 χ^2 /NDF: 0.8/1

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

All: 0.000 $\pm$ 0.016 χ^2 /NDF: 7.8/5

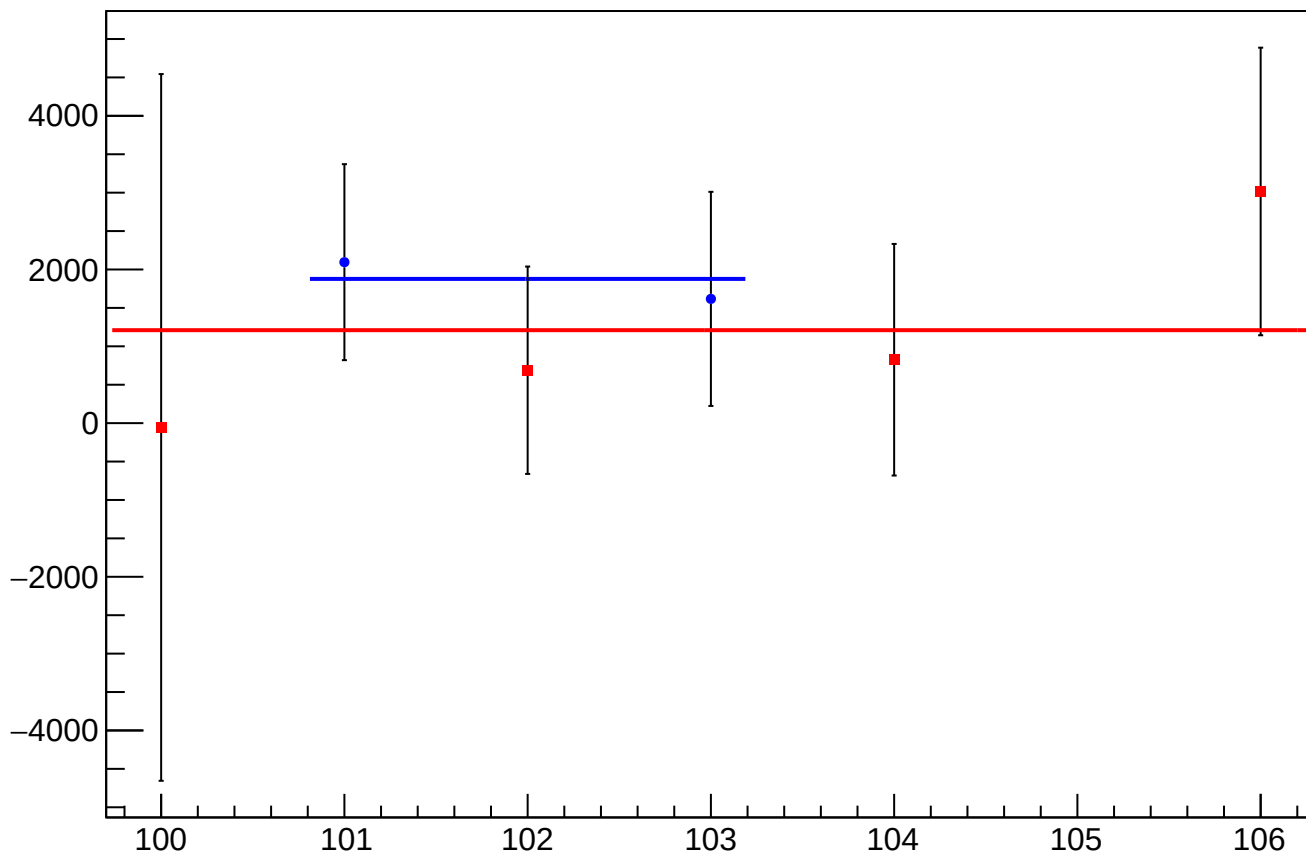
asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.545 $\pm$ 0.018 χ^2 /NDF: 5585.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 25.371 $\pm$ 0.016 χ^2 /NDF: 80301.2/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 25.885 $\pm$ 0.012 χ^2 /NDF: 88379.2/5
 In: 26.545 $\pm$ 0.018 χ^2 /NDF:5585.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 25.885 $\pm$ 0.012 χ^2 /NDF: 88379.2/5

reg_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1209.990+/-869.762 χ^2/NDF : 1.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

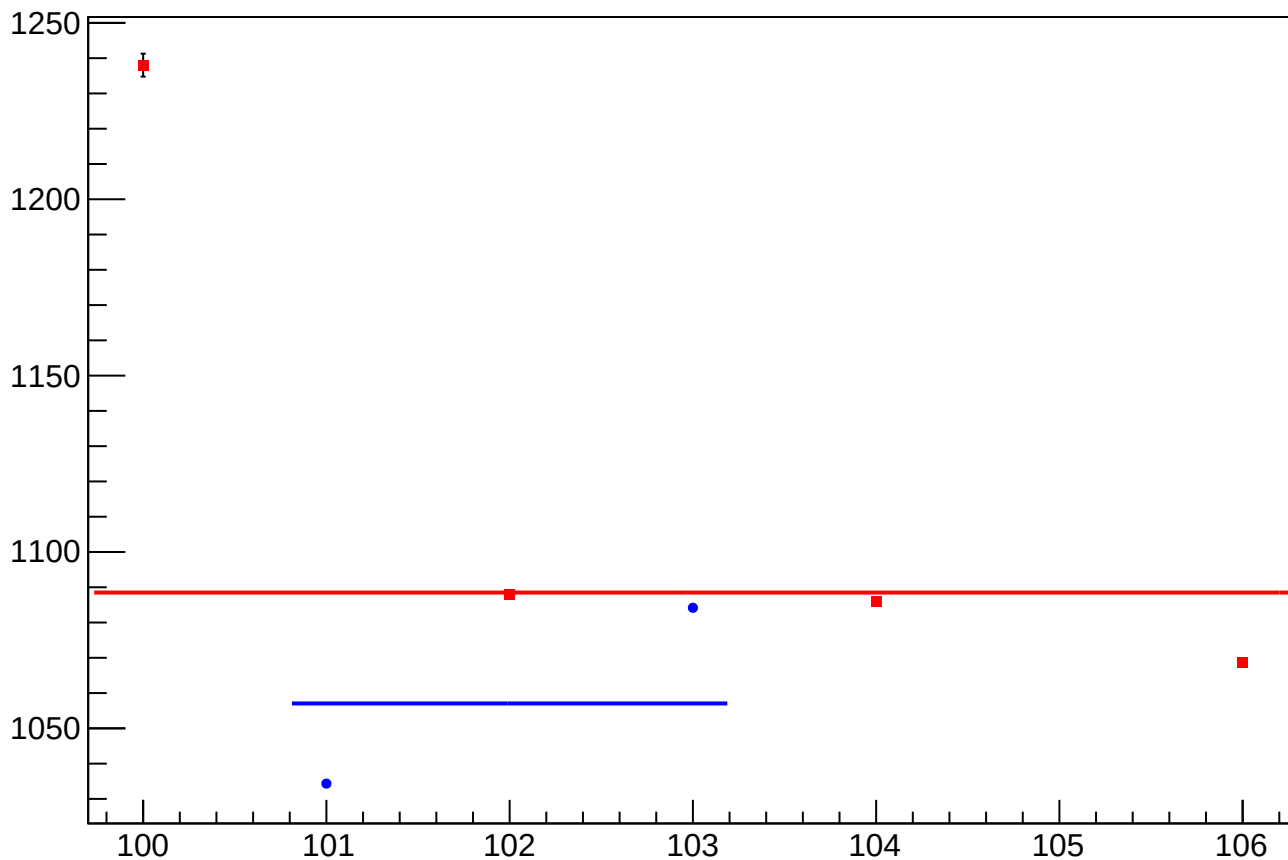
Right: 1517.544+/-638.679 χ^2/NDF : 1.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.544+/-638.679 χ^2/NDF : 1.6/5

reg_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1088.504+/-0.615 χ^2/NDF : 2346.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

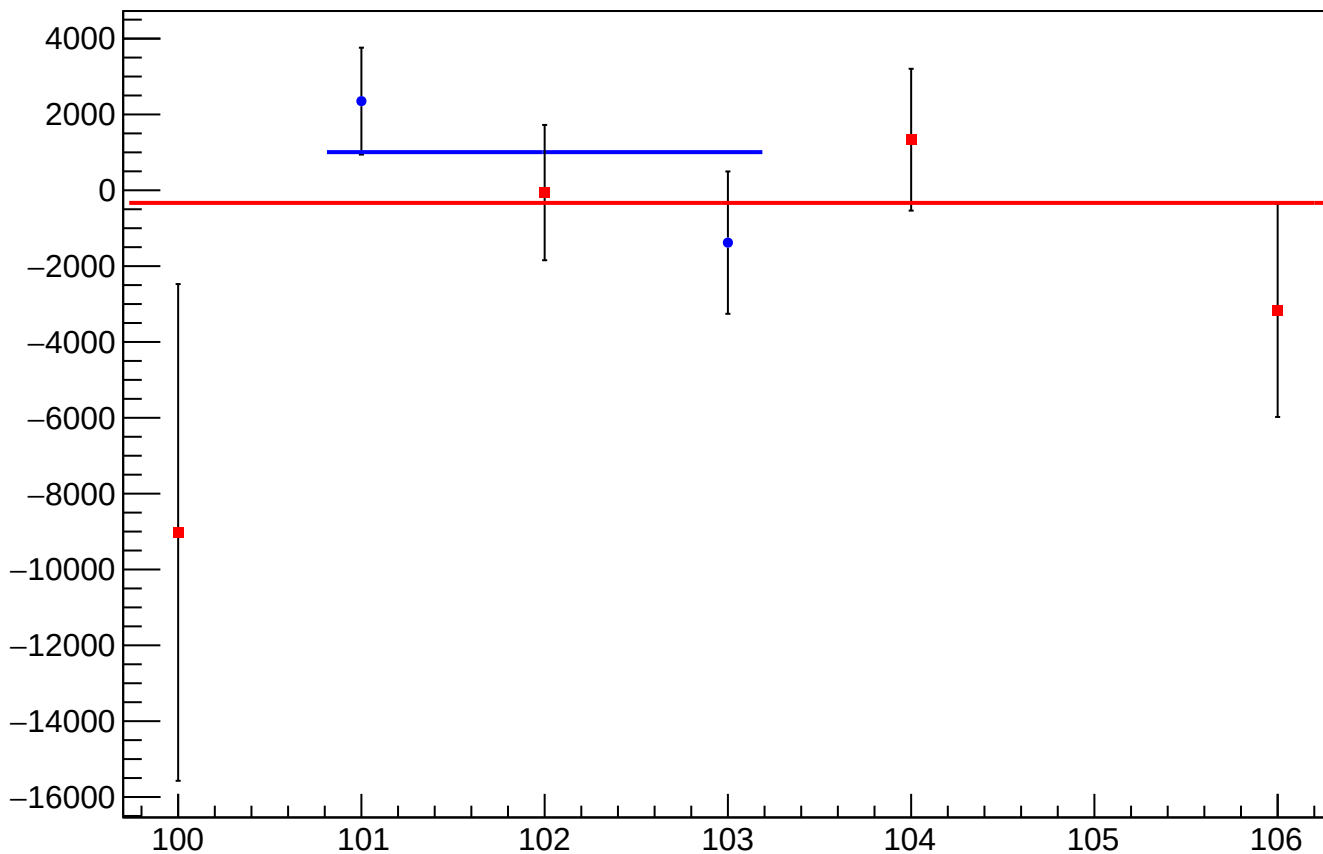
Right: 1074.014+/-0.452 χ^2/NDF : 4943.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.014+/-0.452 χ^2/NDF : 4943.3/5

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 1006.007+/-1127.238 χ^2/NDF : 2.5/1

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

Right Out: -332.673+/-1154.514 χ^2/NDF : 3.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

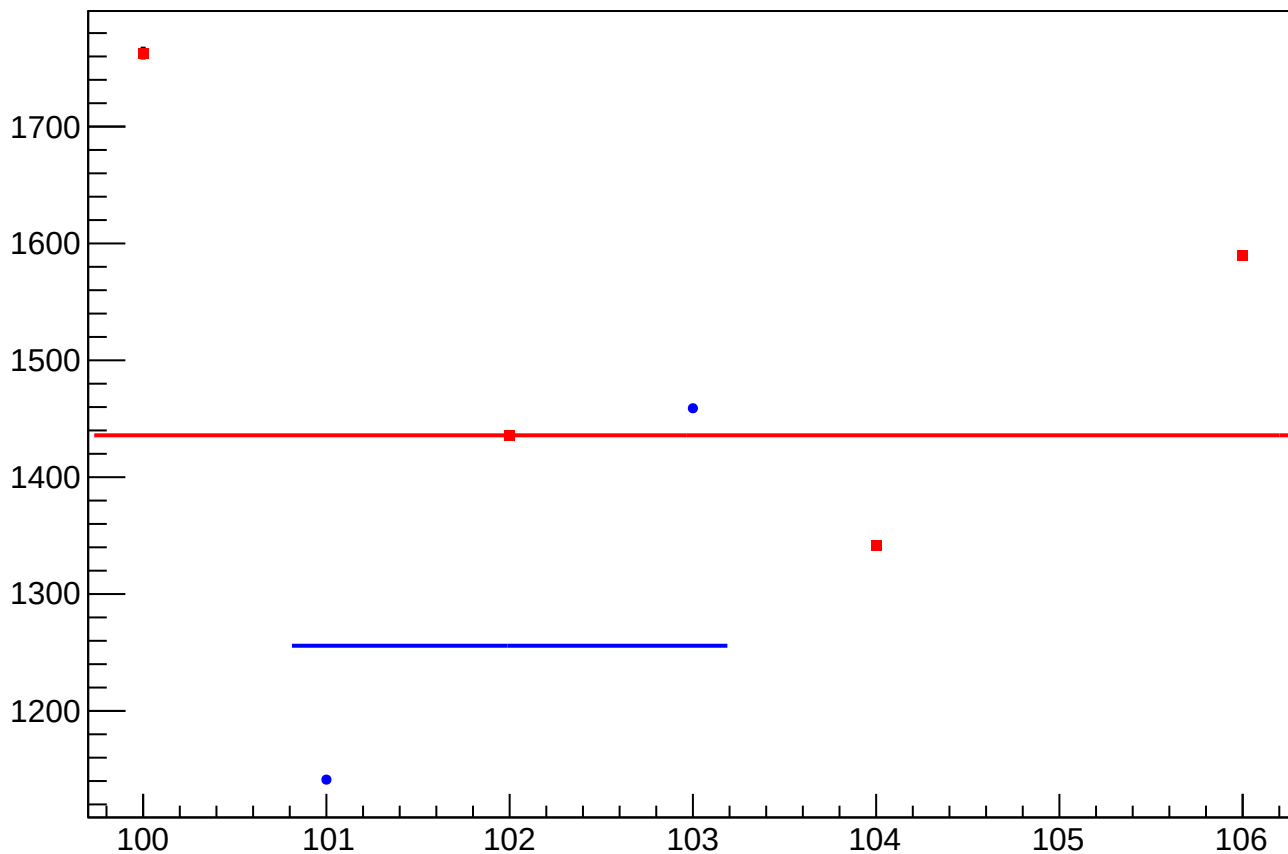
Right: 352.667+/-806.548 χ^2/NDF : 6.8/5

In: 1006.007+/-1127.238 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.667+/-806.548 χ^2/NDF : 6.8/5

asym_usr_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1435.831 $\pm$ 0.816 χ^2 /NDF: 16063.5/3

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

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

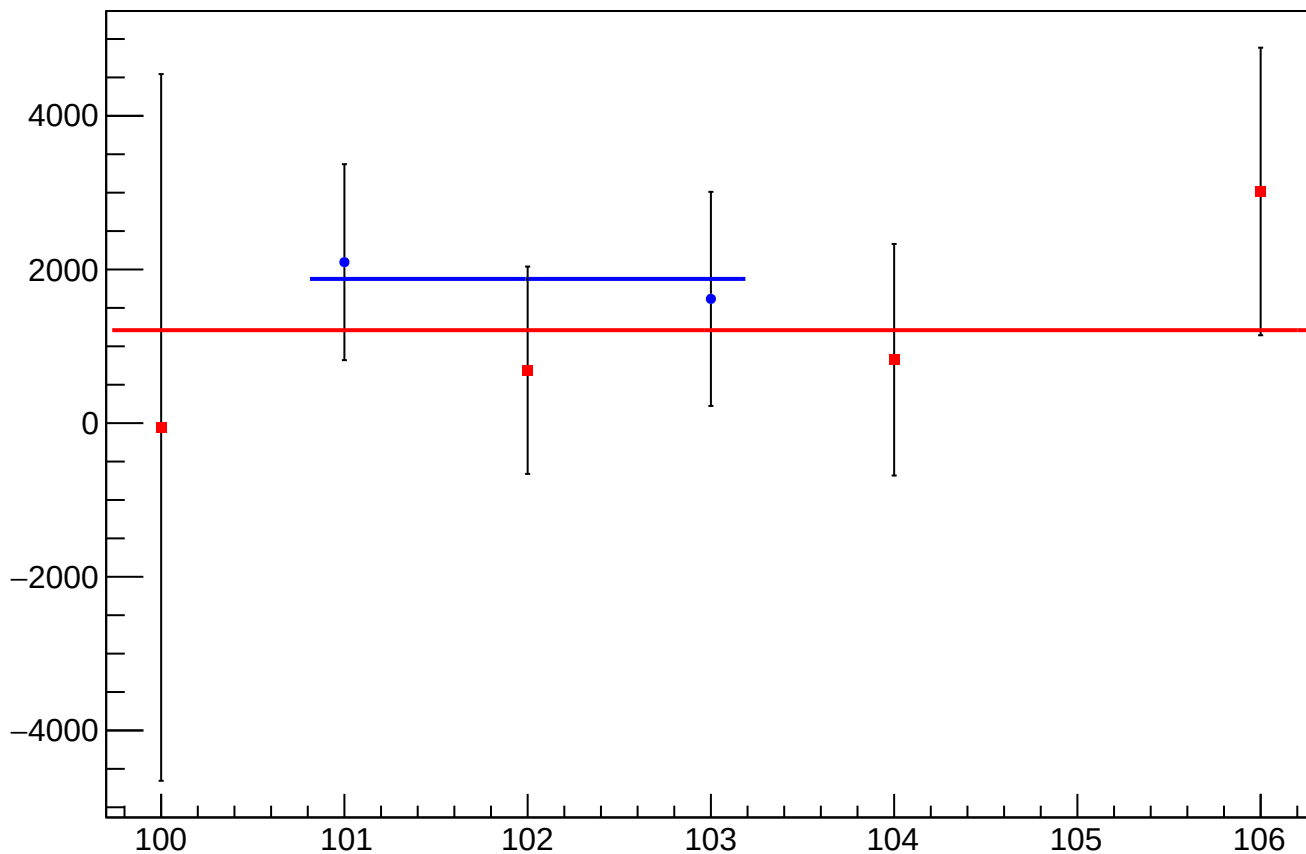
Right: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

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

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

All: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1209.990+/-869.762 χ^2/NDF : 1.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

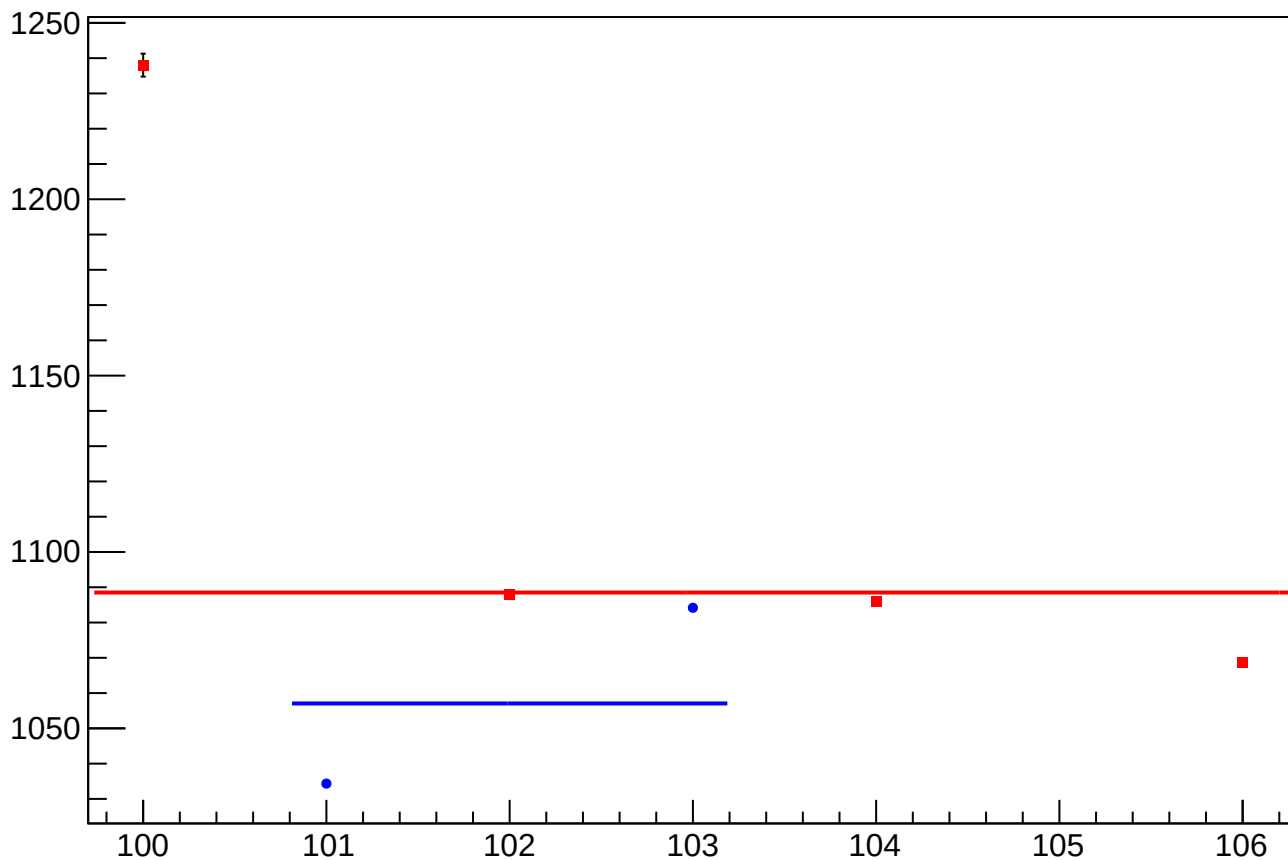
Right: 1517.544+/-638.679 χ^2/NDF : 1.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.544+/-638.679 χ^2/NDF : 1.6/5

cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1088.504 $\pm$ 0.615 χ^2/NDF : 2346.1/3

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

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

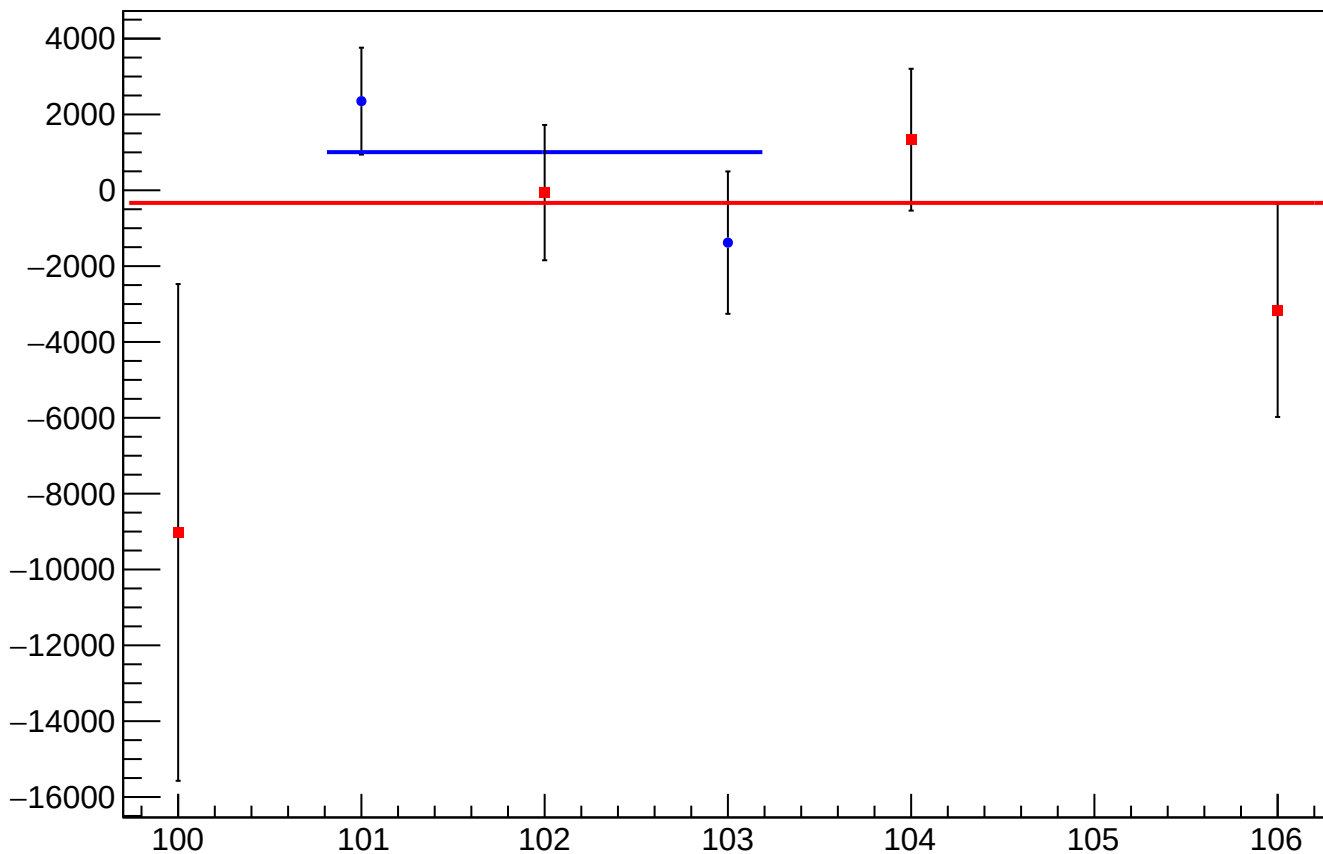
Right: 1074.014 $\pm$ 0.452 χ^2/NDF : 4943.3/5

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

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

All: 1074.014 $\pm$ 0.452 χ^2/NDF : 4943.3/5

asym_usr_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -332.673 $\pm$ 1154.514 χ^2 /NDF: 3.6/3

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

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

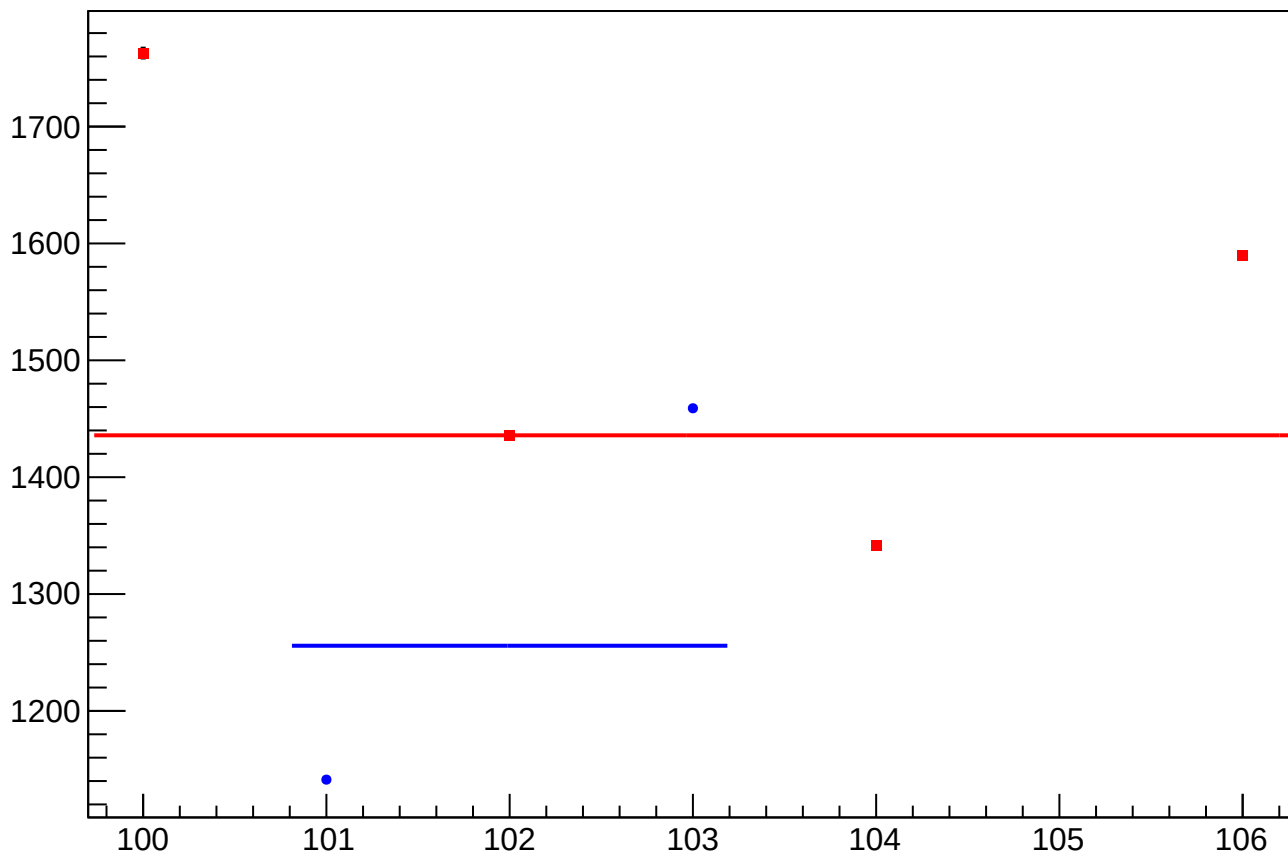
Right: 352.667 $\pm$ 806.548 χ^2 /NDF: 6.8/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.667 $\pm$ 806.548 χ^2 /NDF: 6.8/5

asym_usr_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1435.831 $\pm$ 0.816 χ^2 /NDF: 16063.5/3

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

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

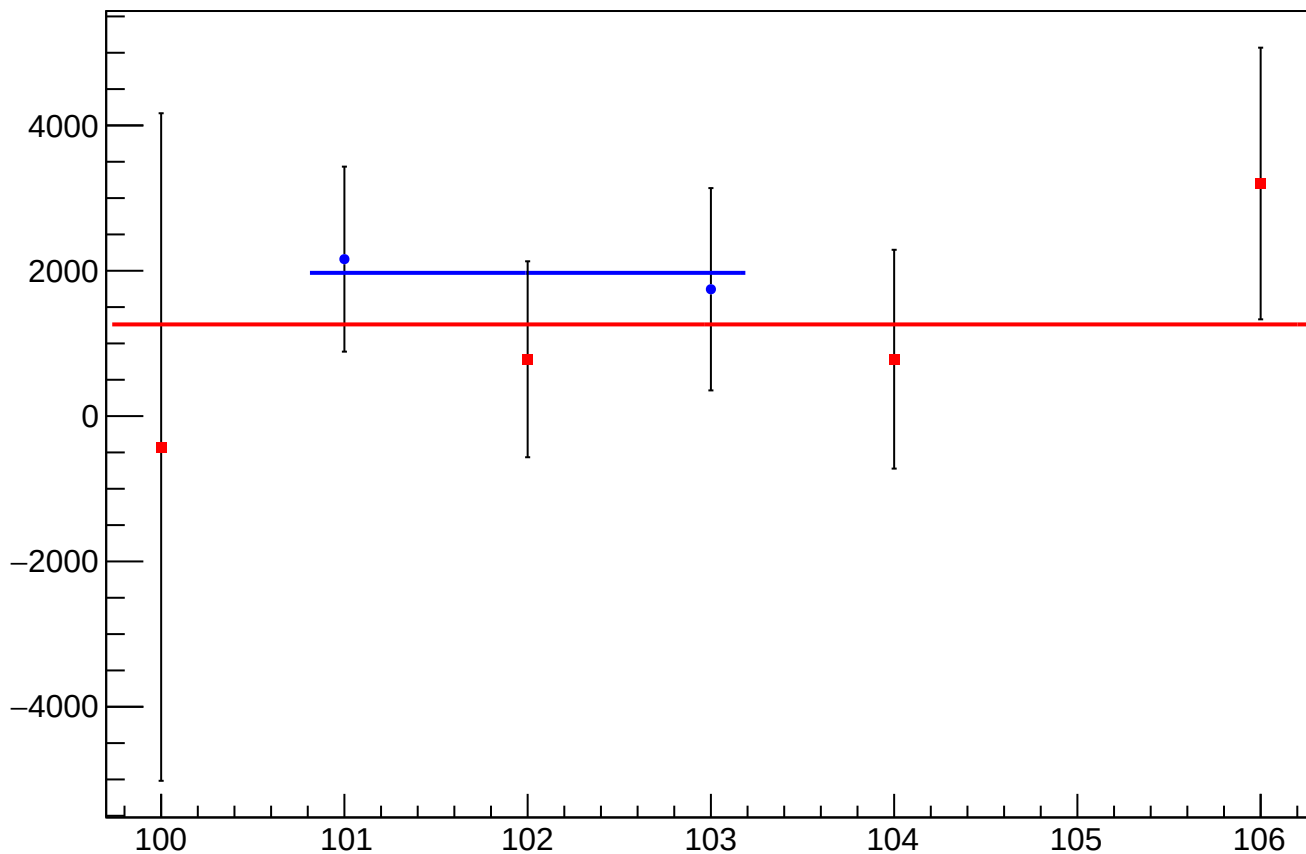
Right: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

overload_cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1261.685+/-868.779 χ^2/NDF : 1.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

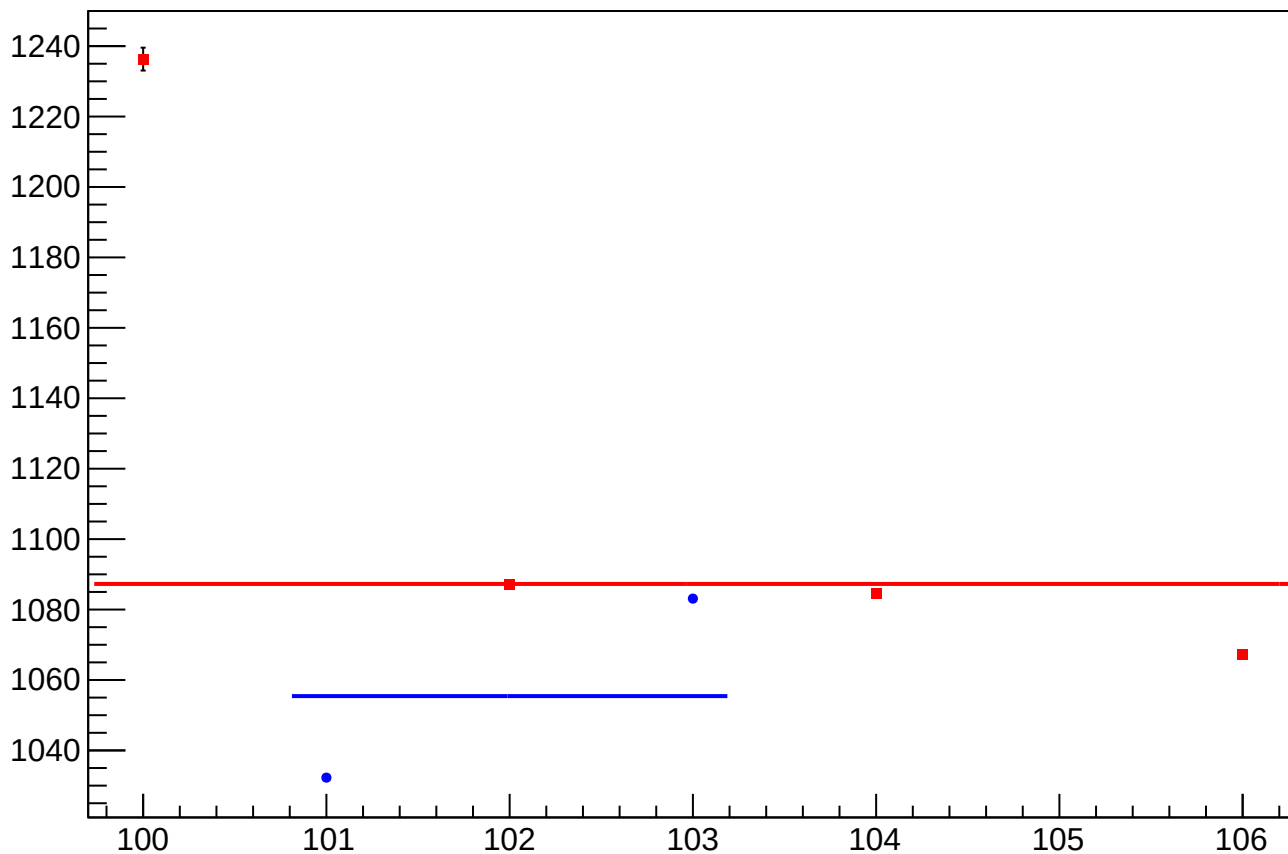
Right: 1588.807+/-637.837 χ^2/NDF : 1.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.807+/-637.837 χ^2/NDF : 1.8/5

overload_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1087.273 ± 0.614 χ^2/NDF : 2343.9/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

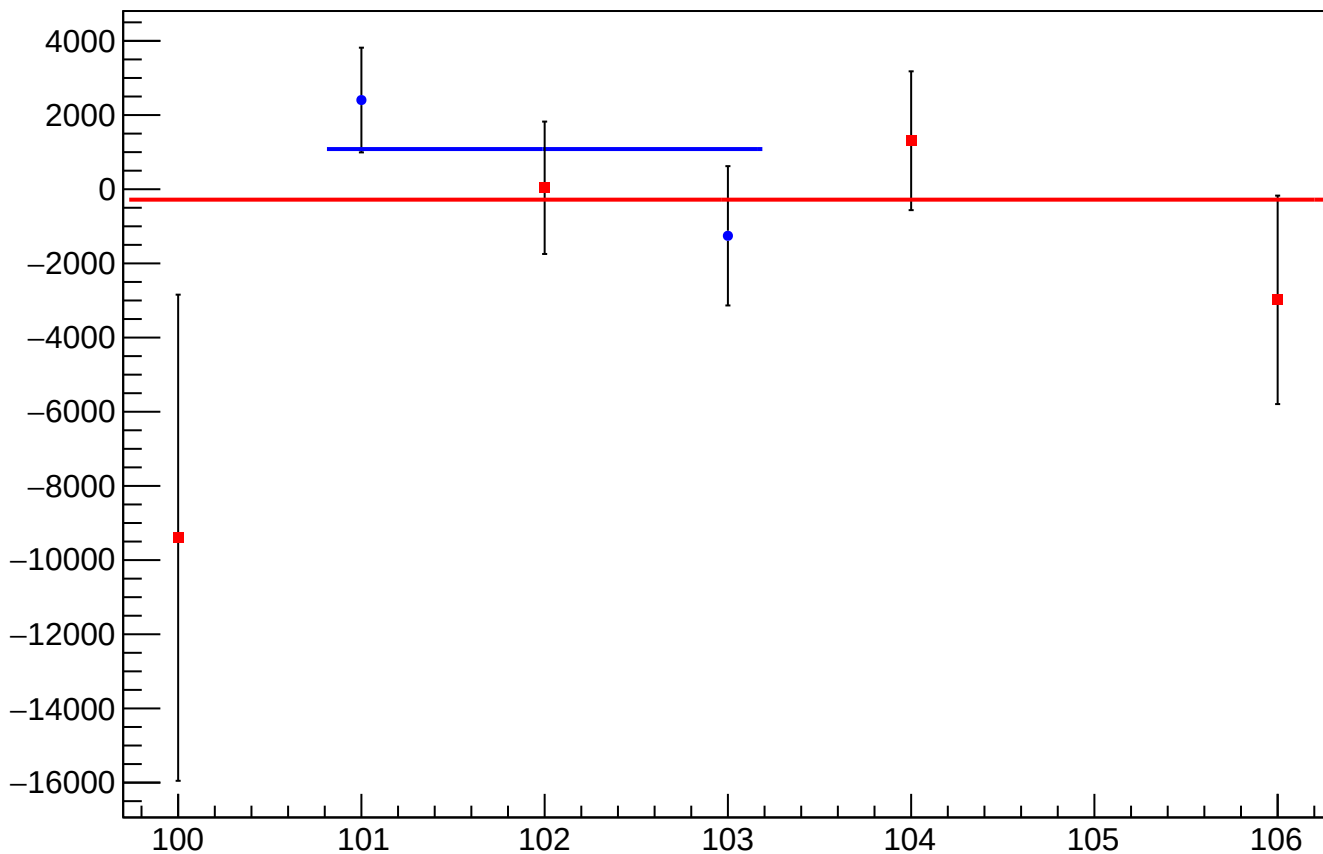
Right: 1072.591 ± 0.451 χ^2/NDF : 5035.3/5

In: 1055.423 ± 0.664 χ^2/NDF : 1452.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1072.591 ± 0.451 χ^2/NDF : 5035.3/5

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 1083.254+/-1128.653 χ^2/NDF : 2.4/1

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

Right Out: -281.229+/-1155.270 χ^2/NDF : 3.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

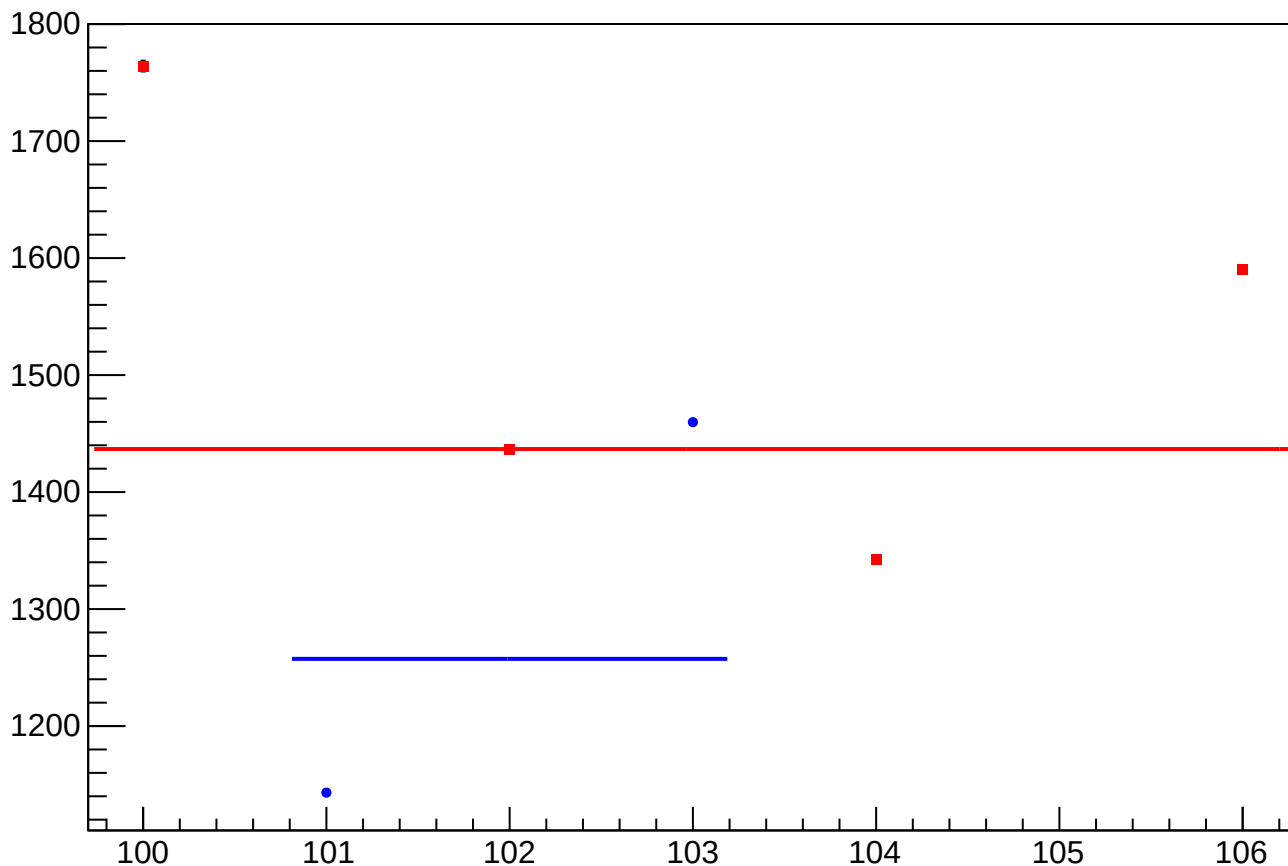
Right: 416.912+/-807.324 χ^2/NDF : 6.8/5

In: 1083.254+/-1128.653 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 416.912+/-807.324 χ^2/NDF : 6.8/5

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1436.789+/-0.817 χ^2/NDF : 16033.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

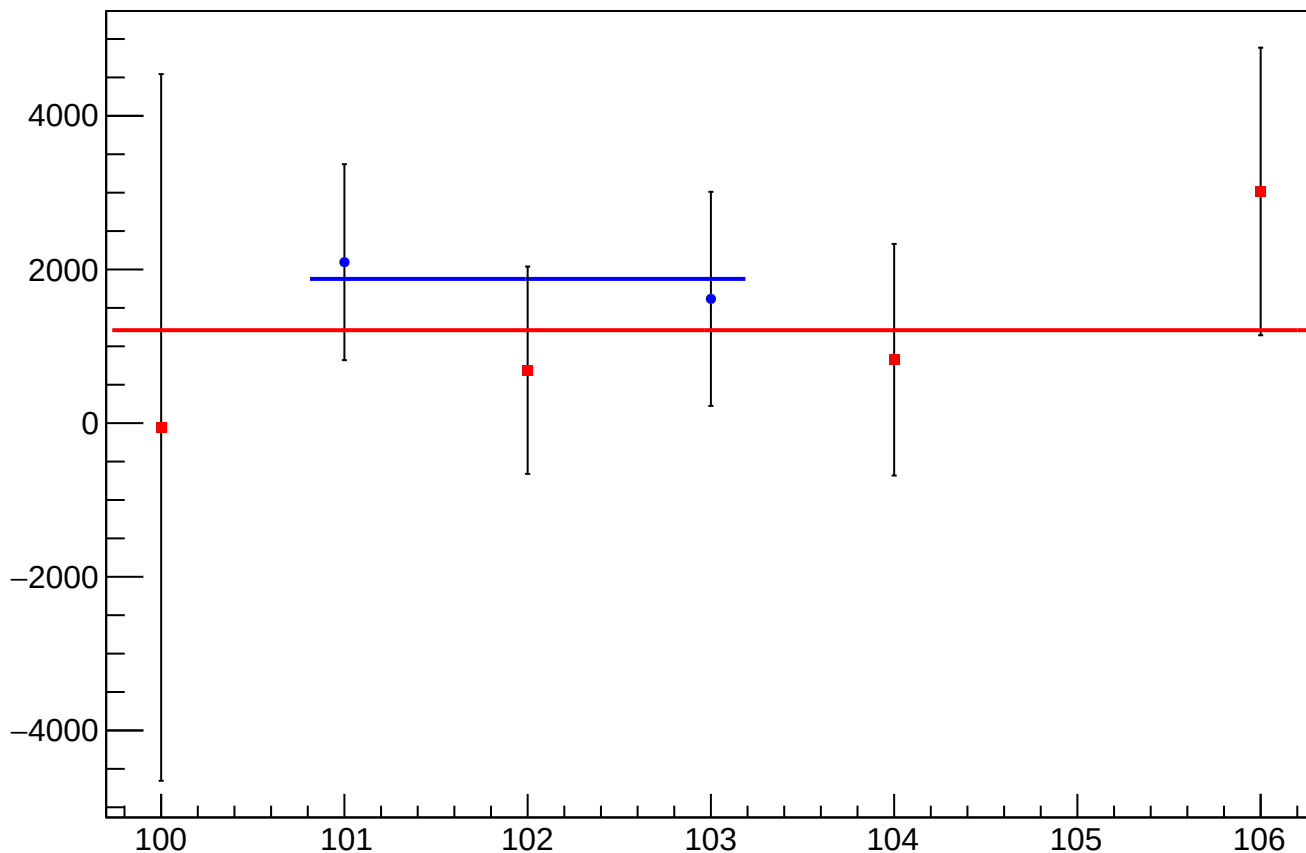
Right: 1345.025+/-0.571 χ^2/NDF : 77014.2/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.025+/-0.571 χ^2/NDF : 77014.2/5

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1209.990+/-869.762 χ^2/NDF : 1.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

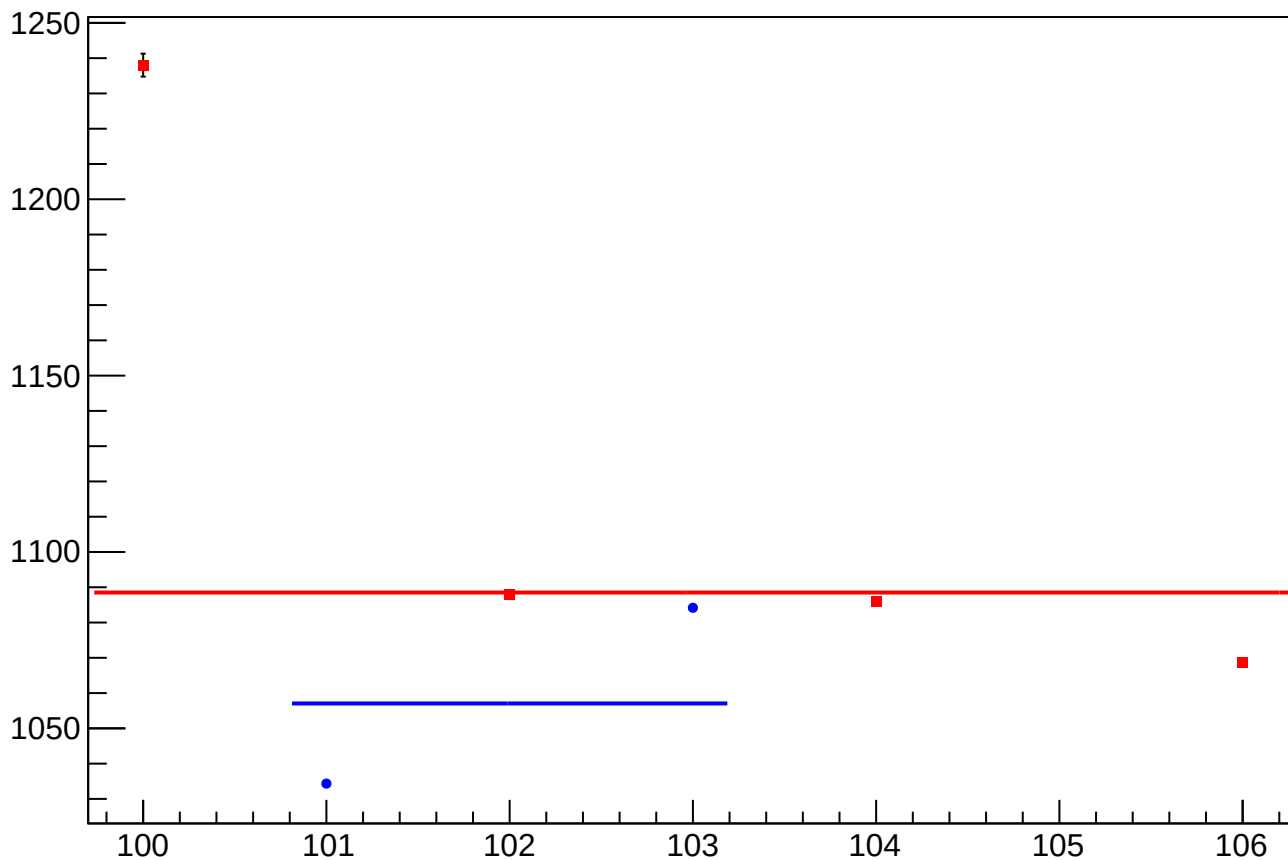
Right: 1517.544+/-638.679 χ^2/NDF : 1.6/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1517.544+/-638.679 χ^2/NDF : 1.6/5

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1088.504+/-0.615 χ^2/NDF : 2346.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

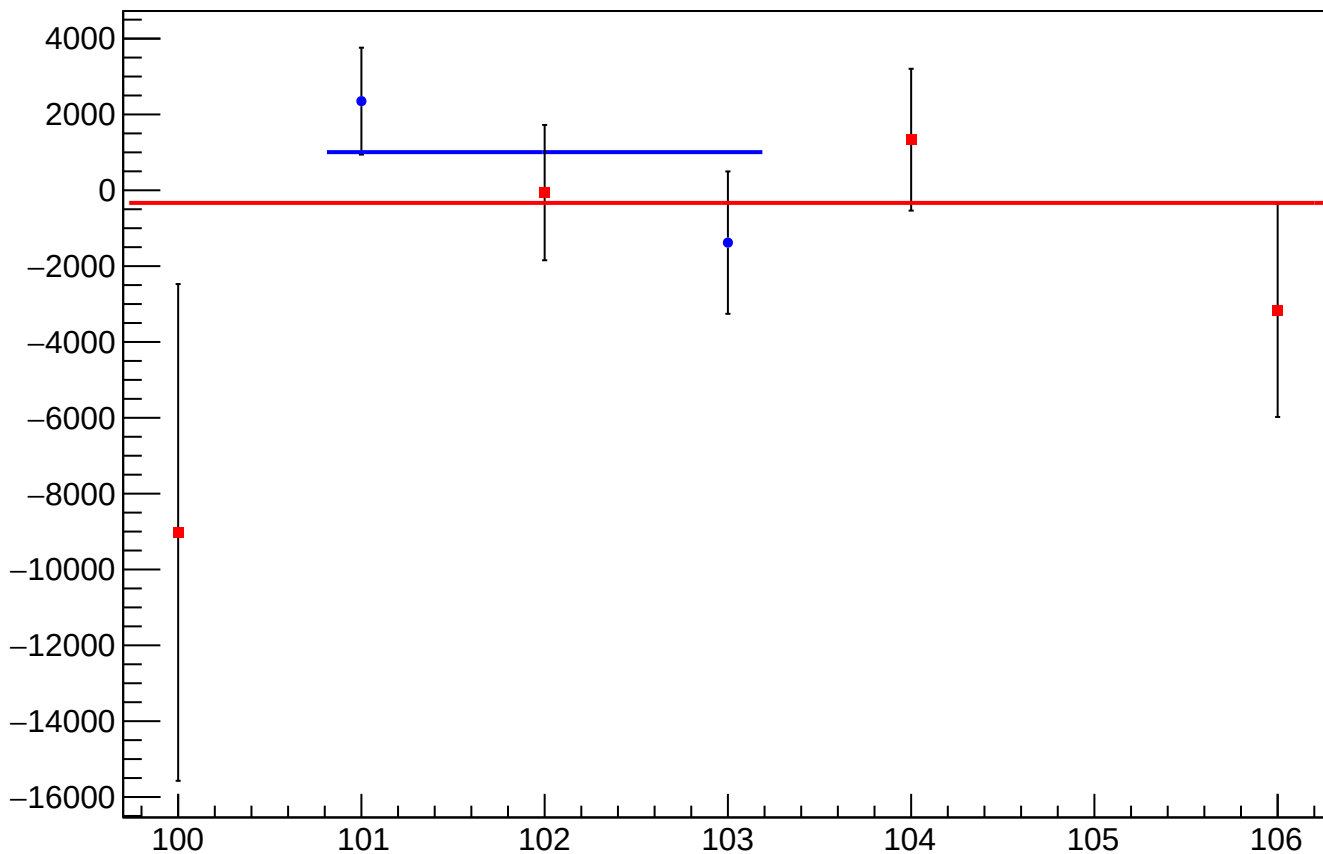
Right: 1074.014+/-0.452 χ^2/NDF : 4943.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.014+/-0.452 χ^2/NDF : 4943.3/5

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1006.007+/-1127.238 χ^2/NDF : 2.5/1

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

Right Out: -332.673+/-1154.514 χ^2/NDF : 3.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

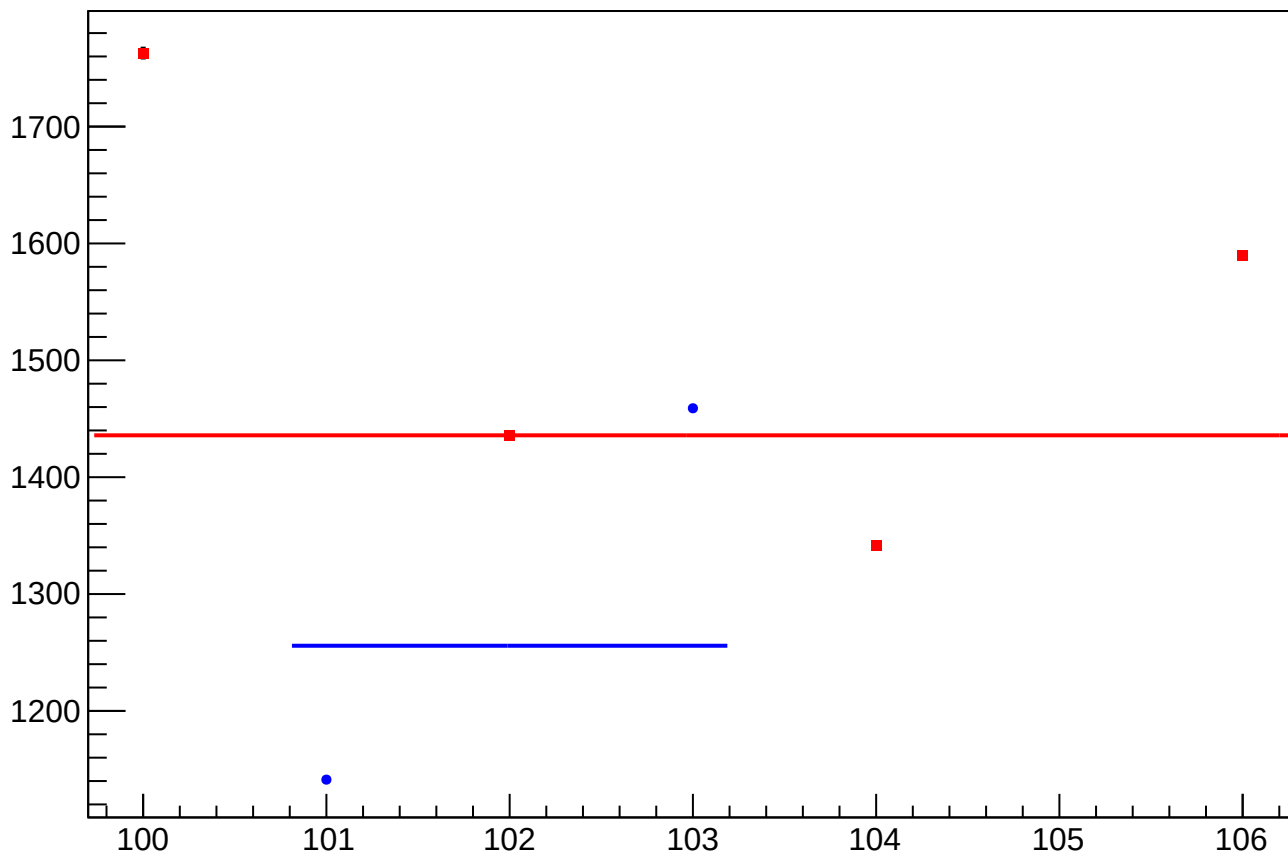
Right: 352.667+/-806.548 χ^2/NDF : 6.8/5

In: 1006.007+/-1127.238 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.667+/-806.548 χ^2/NDF : 6.8/5

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1435.831 $\pm$ 0.816 χ^2 /NDF: 16063.5/3

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

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

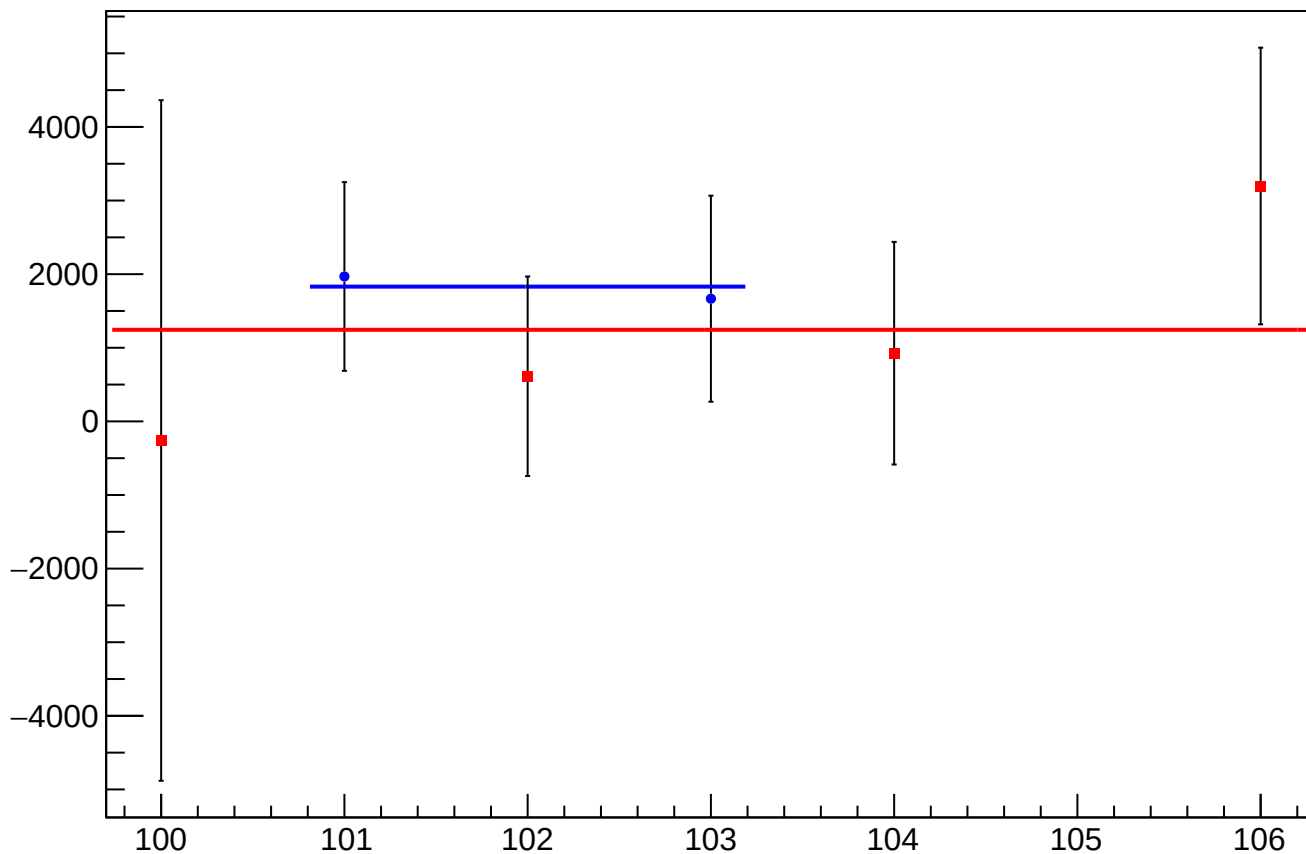
Right: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

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

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

All: 1343.651 $\pm$ 0.570 χ^2 /NDF: 77610.2/5

dit_asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1244.195 $\pm$ 873.108 χ^2 /NDF: 1.4/3

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

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

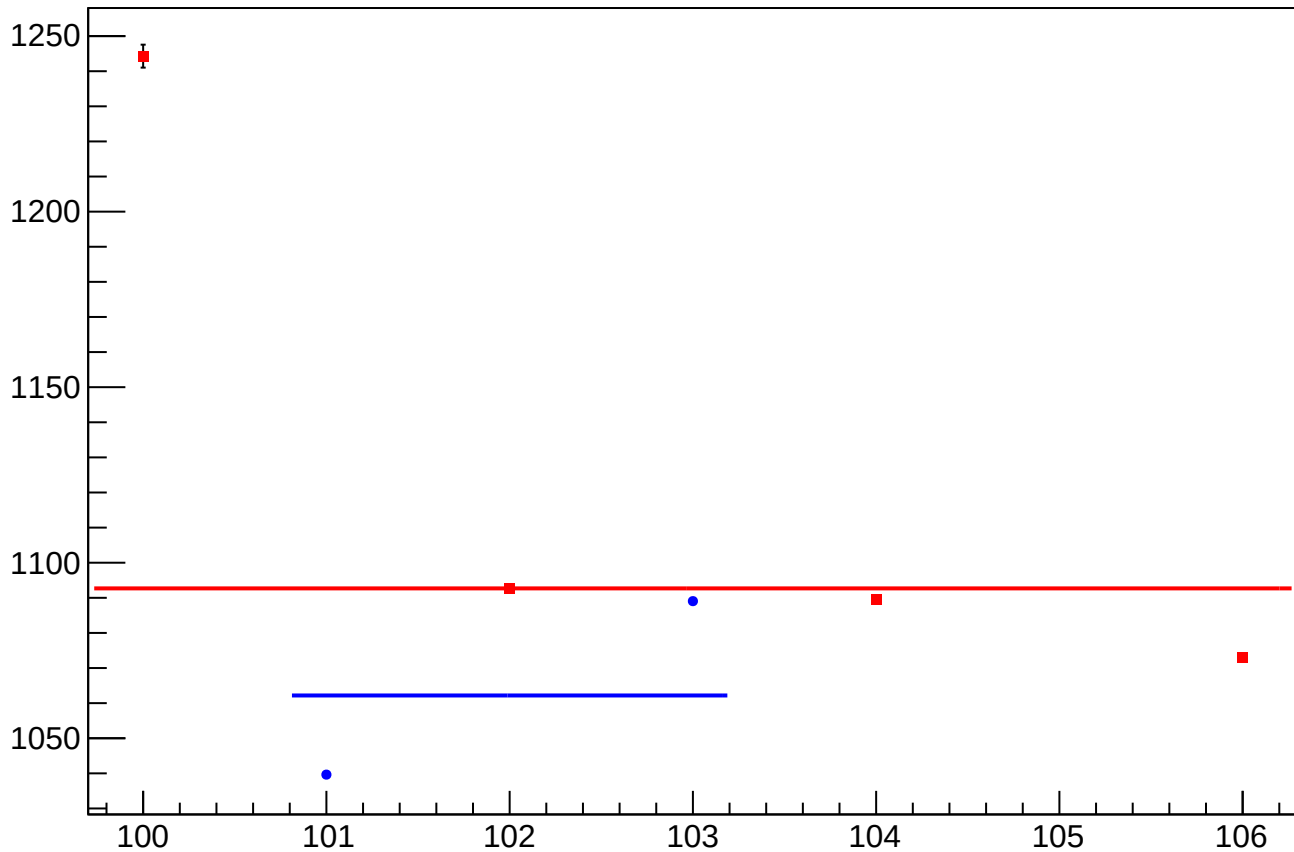
Right: 1514.182 $\pm$ 641.432 χ^2 /NDF: 1.7/5

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

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

All: 1514.182 $\pm$ 641.432 χ^2 /NDF: 1.7/5

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1062.185+/-0.669 χ^2/NDF : 1355.4/1

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

Right Out: 1092.685+/-0.617 χ^2/NDF : 2381.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

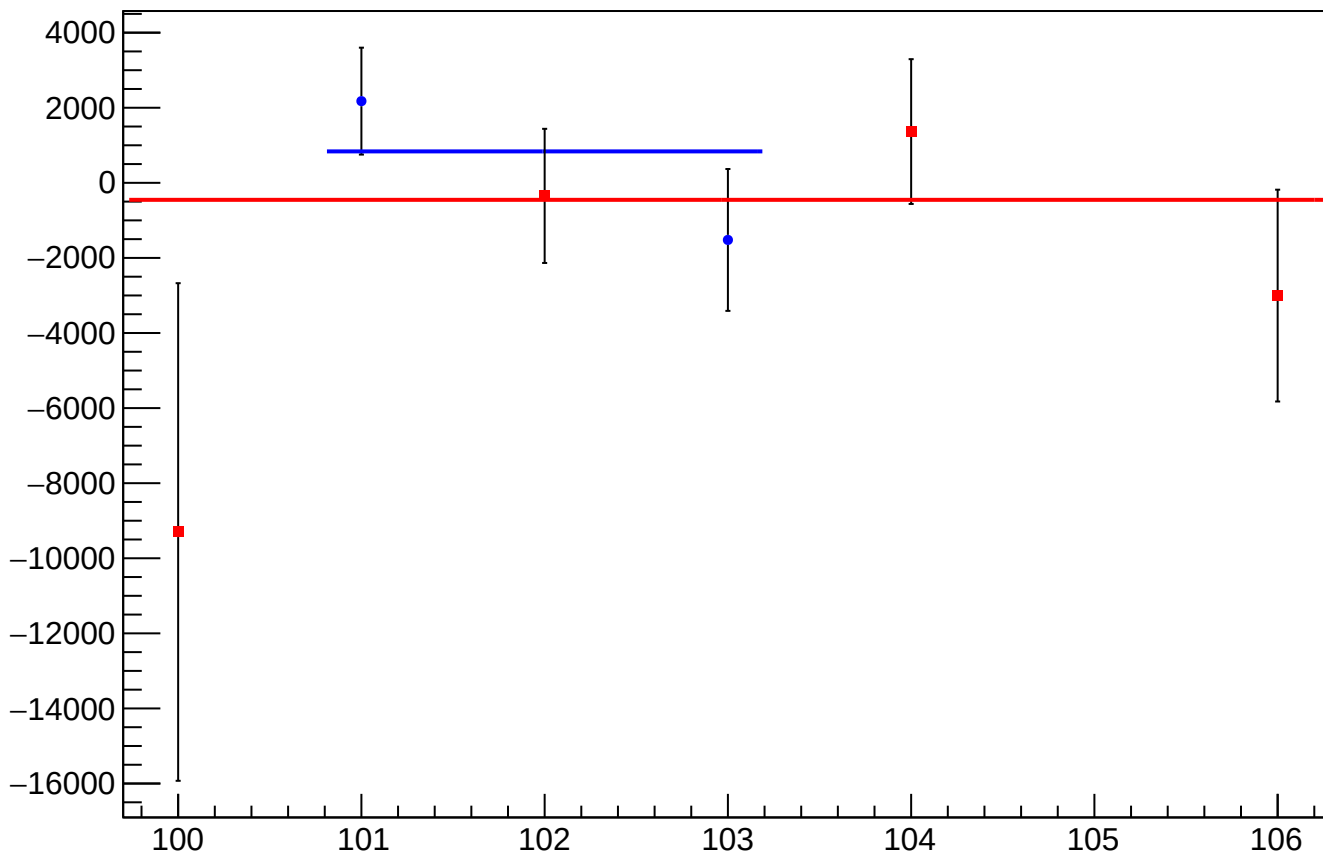
Right: 1078.647+/-0.454 χ^2/NDF : 4860.5/5

In: 1062.185+/-0.669 χ^2/NDF : 1355.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.647+/-0.454 χ^2/NDF : 4860.5/5

asym_usr_dit_correction_mean vs Slug, Sign Corrected



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

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

Right Out: -452.828 $\pm$ 1169.854 χ^2 /NDF: 3.5/3

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

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

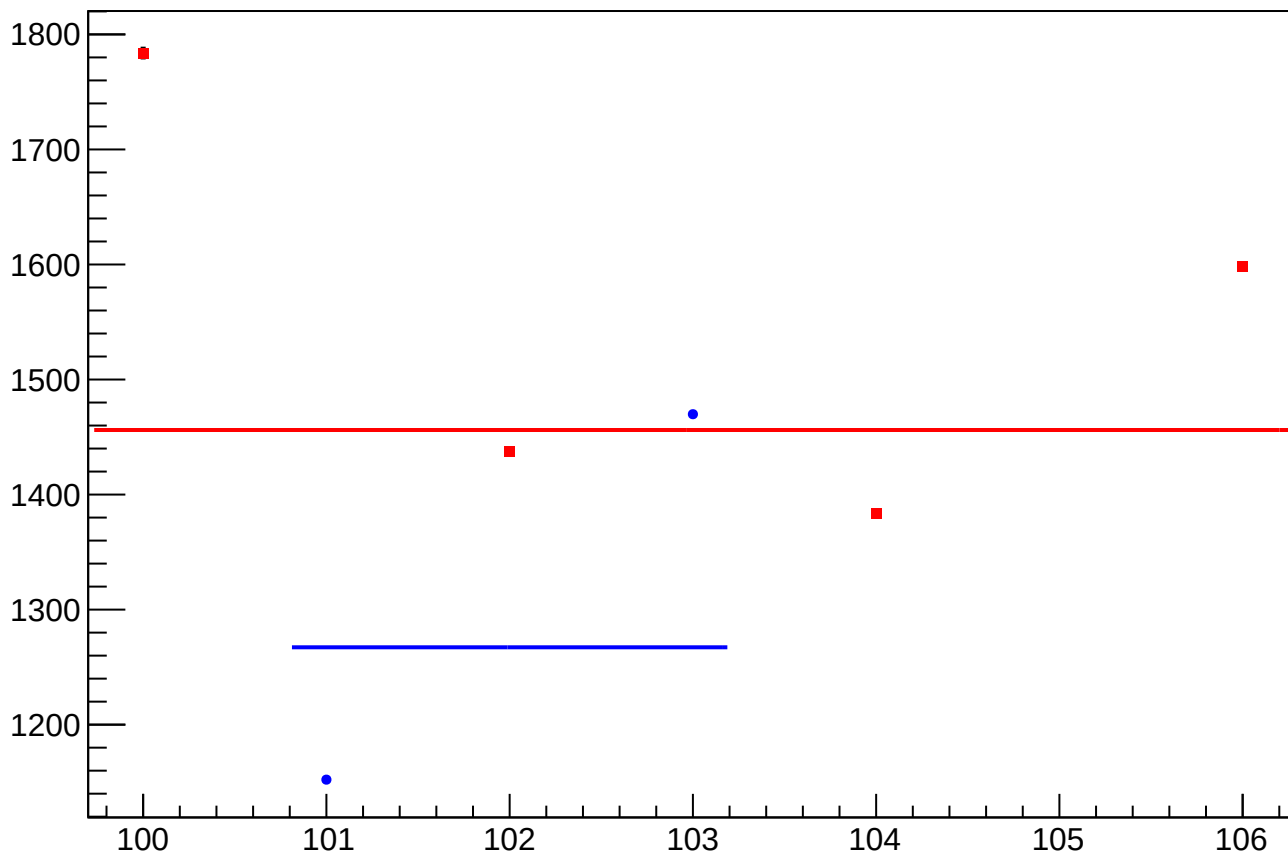
Right: 210.666 $\pm$ 815.360 χ^2 /NDF: 6.6/5

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

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

All: 210.666 $\pm$ 815.360 χ^2 /NDF: 6.6/5

asym_usr_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1456.128+/-0.827 χ^2/NDF : 12977.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

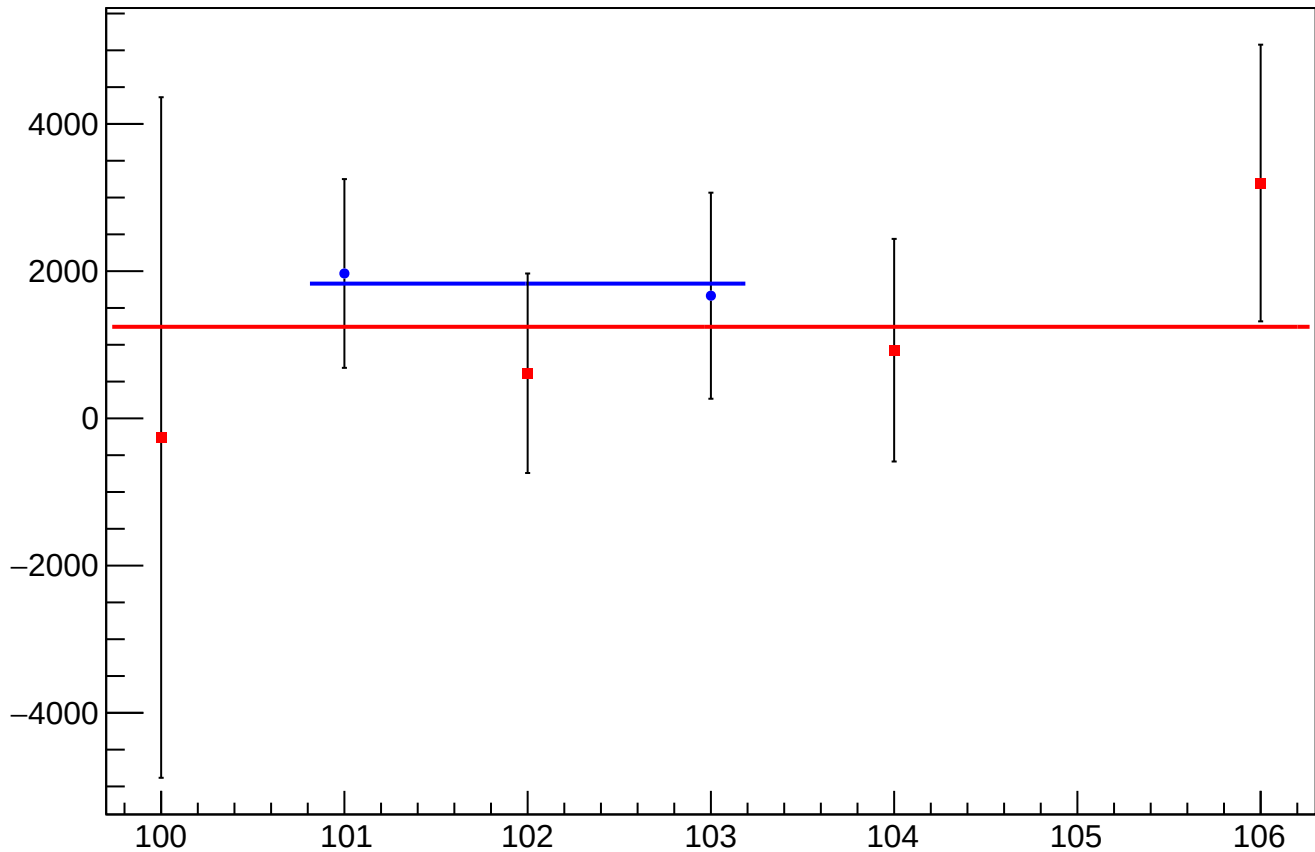
Right: 1358.999+/-0.577 χ^2/NDF : 75847.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.999+/-0.577 χ^2/NDF : 75847.8/5

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 1830.756 $\pm$ 945.448 χ^2 /NDF: 0.0/1

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

Right Out: 1244.190 $\pm$ 873.108 χ^2 /NDF: 1.4/3

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

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

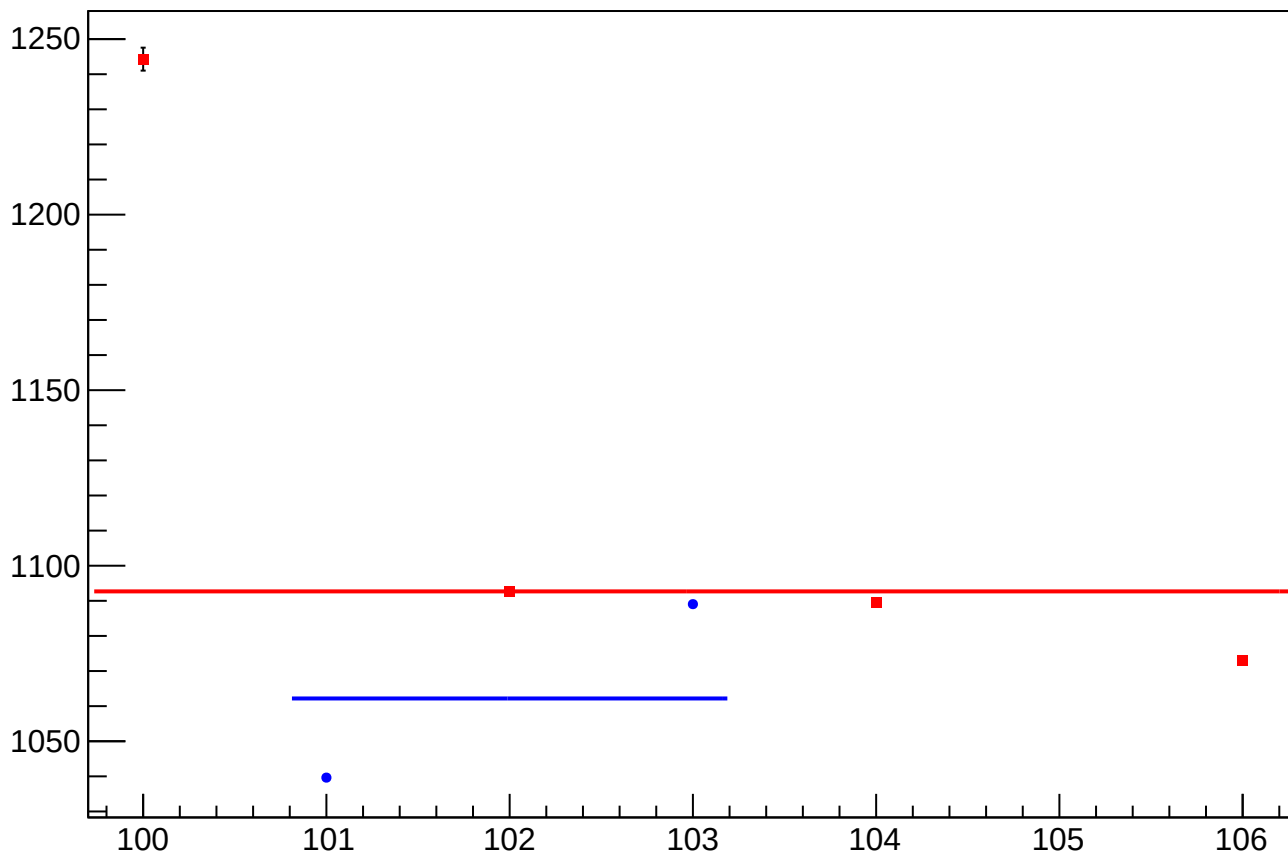
Right: 1514.177 $\pm$ 641.432 χ^2 /NDF: 1.7/5

In: 1830.756 $\pm$ 945.448 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1514.177 $\pm$ 641.432 χ^2 /NDF: 1.7/5

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1092.685 $\pm$ 0.617 χ^2 /NDF: 2381.8/3

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

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

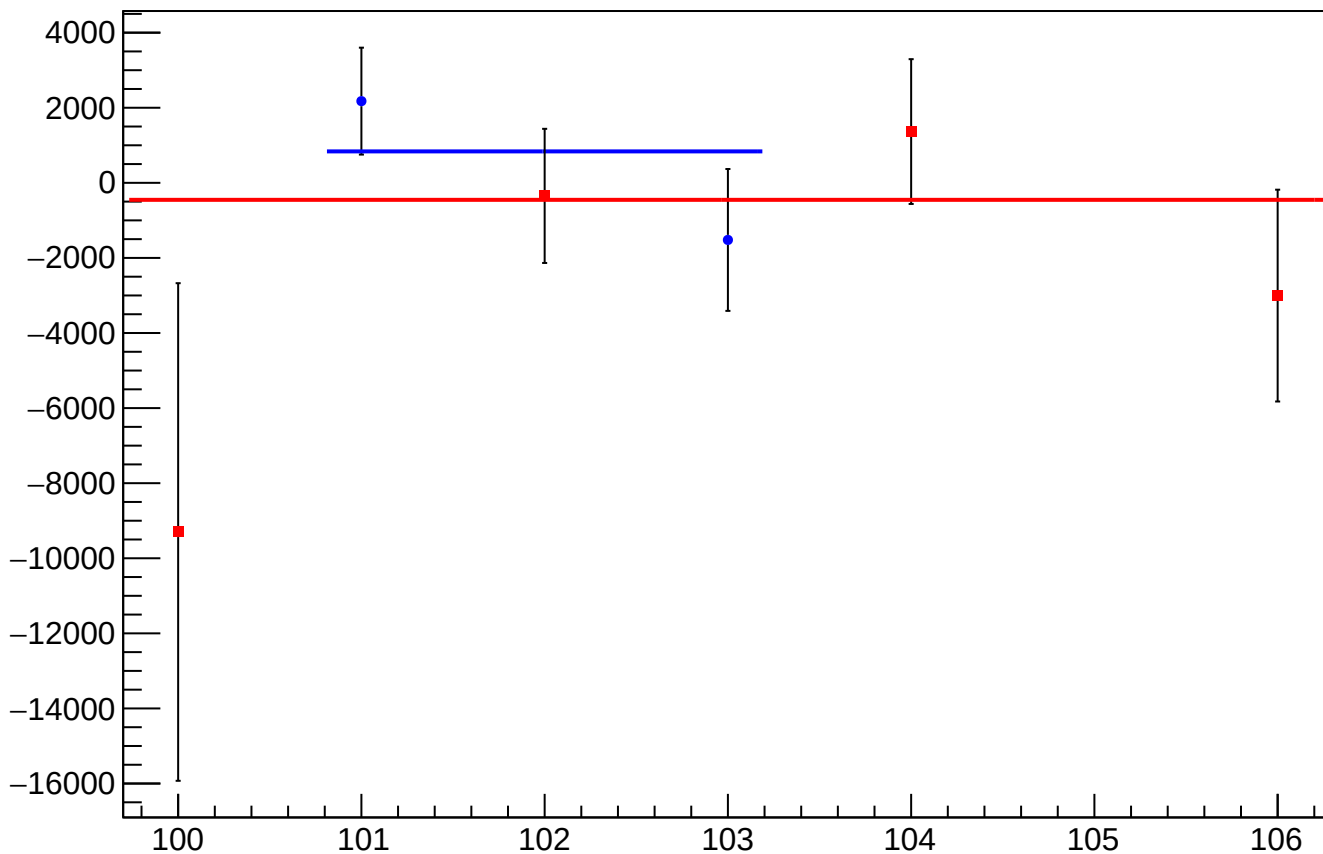
Right: 1078.647 $\pm$ 0.454 χ^2 /NDF: 4860.5/5

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

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

All: 1078.647 $\pm$ 0.454 χ^2 /NDF: 4860.5/5

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 837.454+/-1137.033 χ^2/NDF : 2.4/1

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

Right Out: -452.836+/-1169.857 χ^2/NDF : 3.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

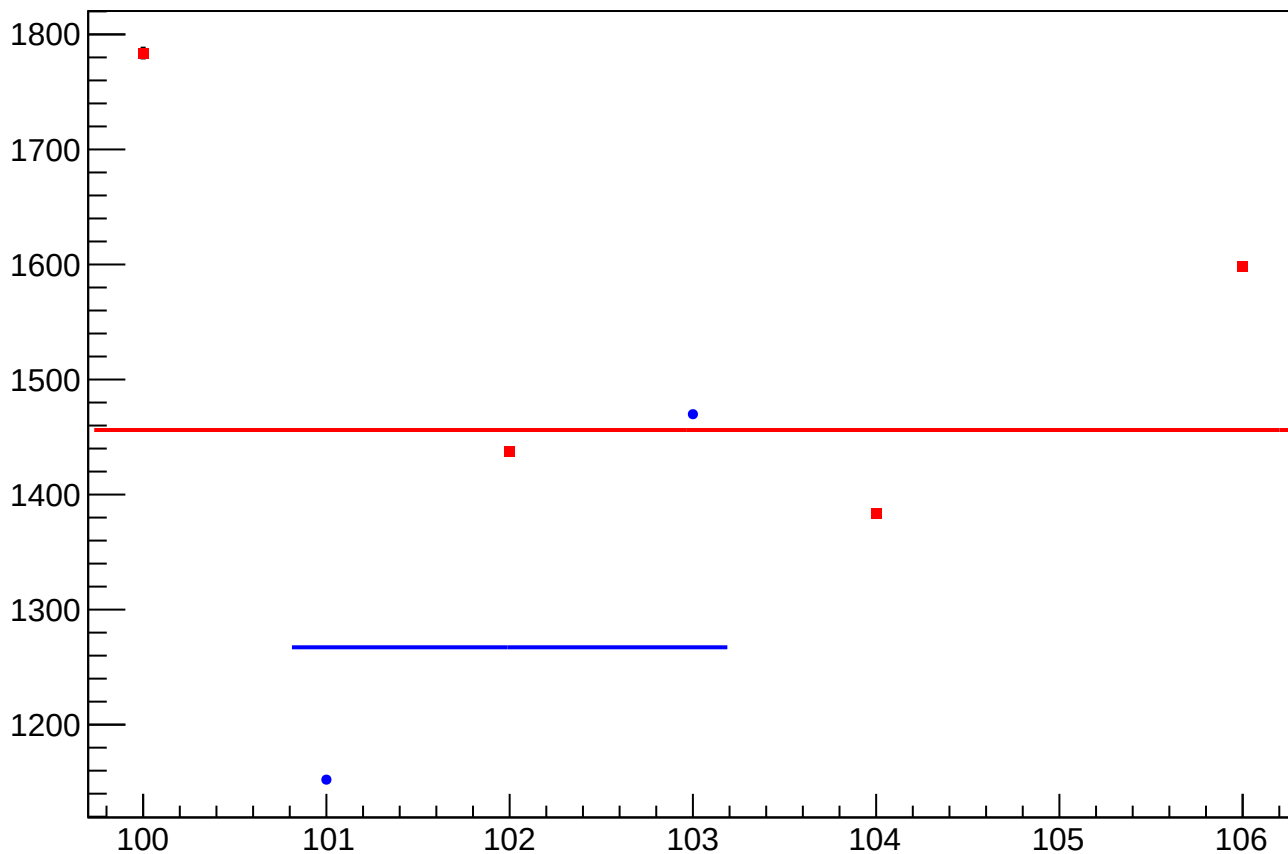
Right: 210.664+/-815.361 χ^2/NDF : 6.6/5

In: 837.454+/-1137.033 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 210.664+/-815.361 χ^2/NDF : 6.6/5

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1456.132+/-0.827 χ^2/NDF : 12976.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

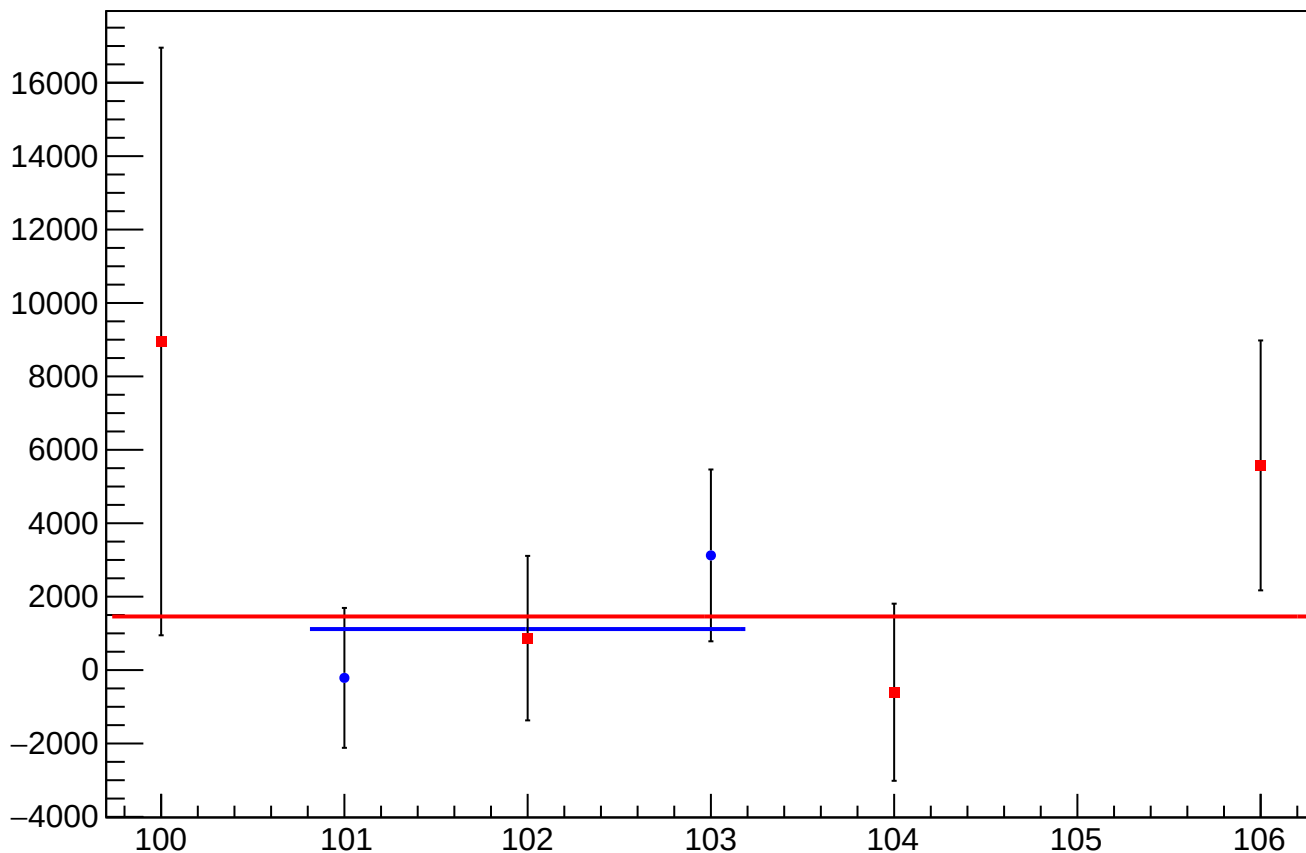
Right: 1359.000+/-0.577 χ^2/NDF : 75849.0/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.000+/-0.577 χ^2/NDF : 75849.0/5

asym_usr_mean vs Slug, Sign Corrected



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

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

Right Out: 1460.290+/-1454.122 χ^2/NDF : 3.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

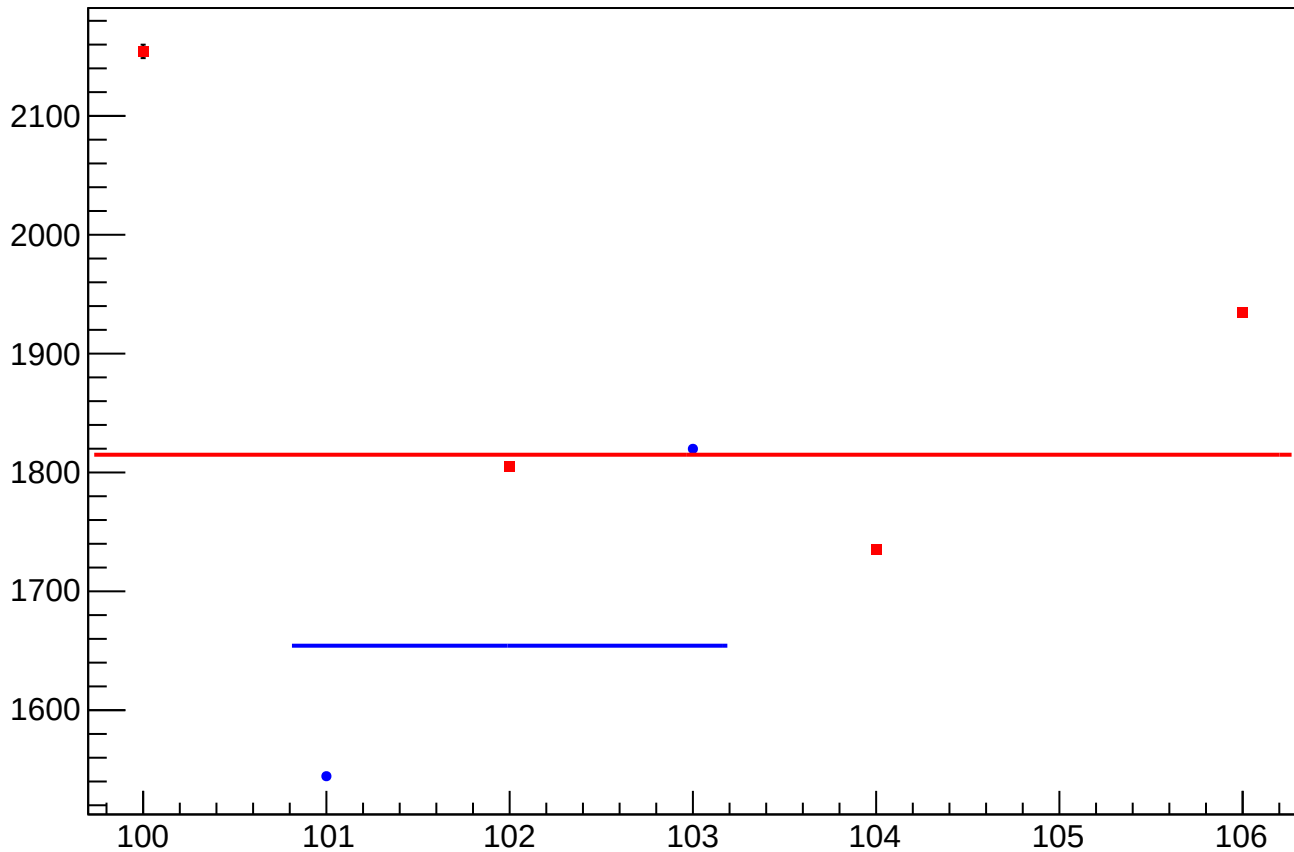
Right: 1291.652+/-1036.403 χ^2/NDF : 4.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.652+/-1036.403 χ^2/NDF : 4.4/5

asym_usr_rms vs Slug, Sign Corrected



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

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

Right Out: 1814.931+/-1.028 χ^2/NDF : 8294.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

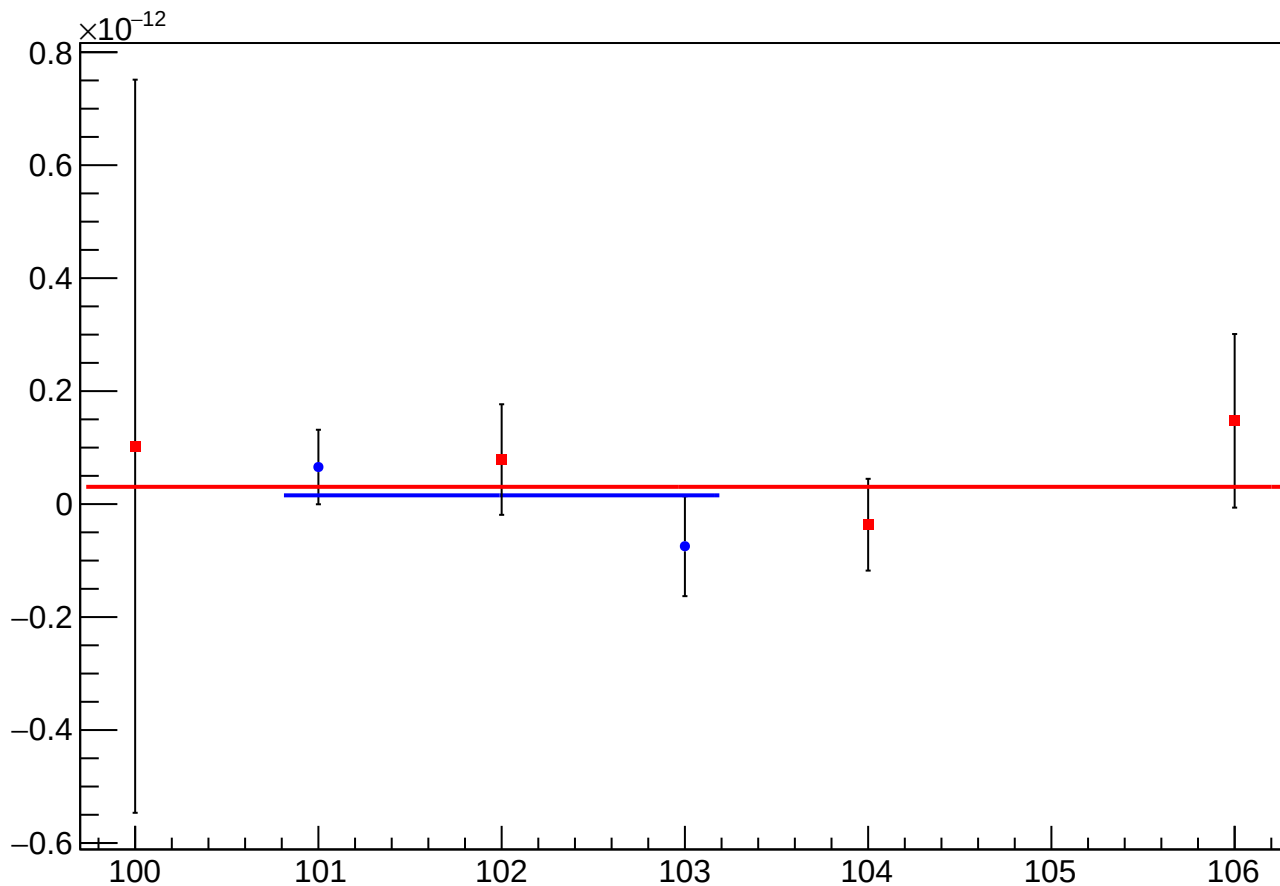
Right: 1735.876+/-0.733 χ^2/NDF : 36968.5/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.876+/-0.733 χ^2/NDF : 36968.5/5

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/1

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

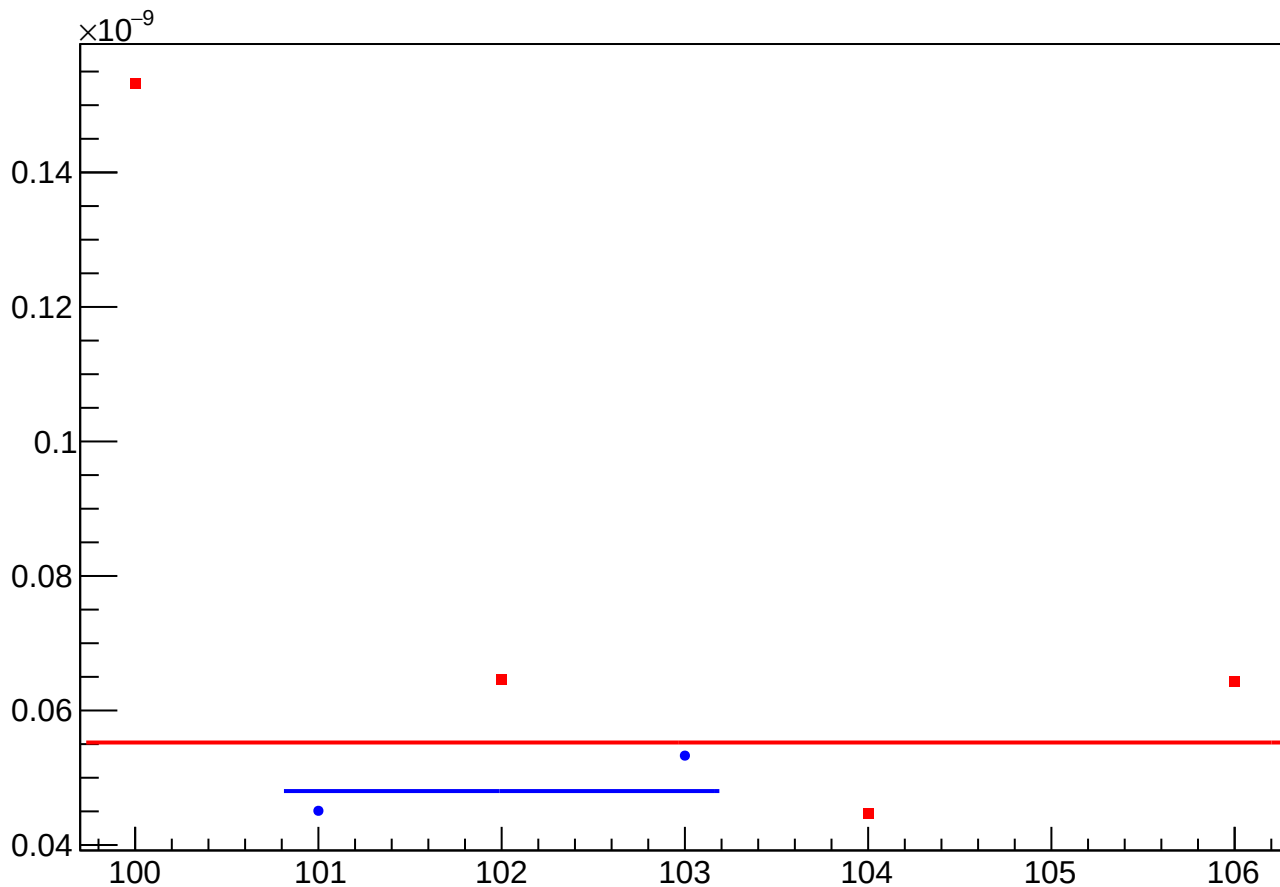
Right: 0.000+/-0.000 χ^2/NDF : 3.2/5

In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.2/5

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11063.4/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 104640.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

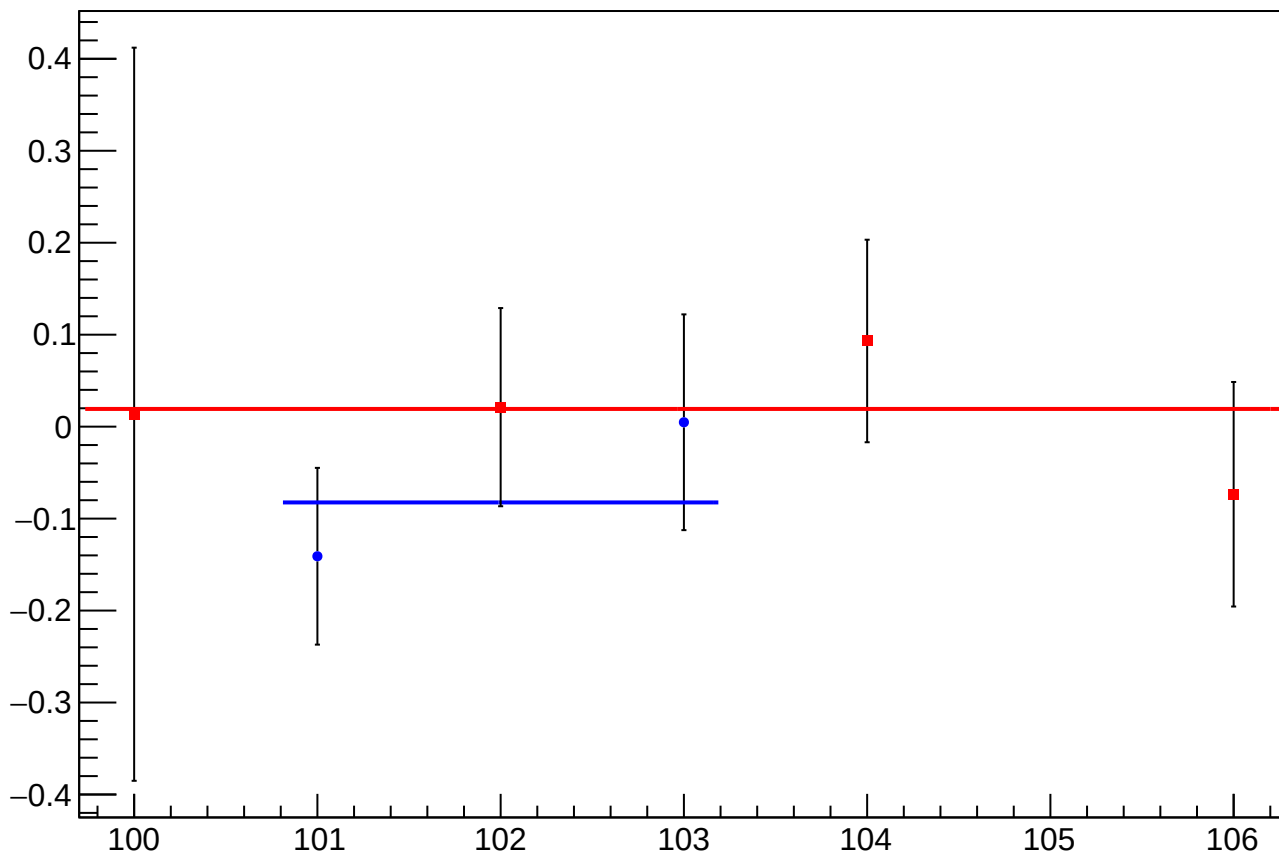
Right: 0.000+/-0.000 χ^2/NDF : 132732.5/5

In: 0.000+/-0.000 χ^2/NDF : 11063.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 132732.5/5

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.082+/-0.074 χ^2/NDF : 0.9/1

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

Right Out: 0.019+/-0.064 χ^2/NDF : 1.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

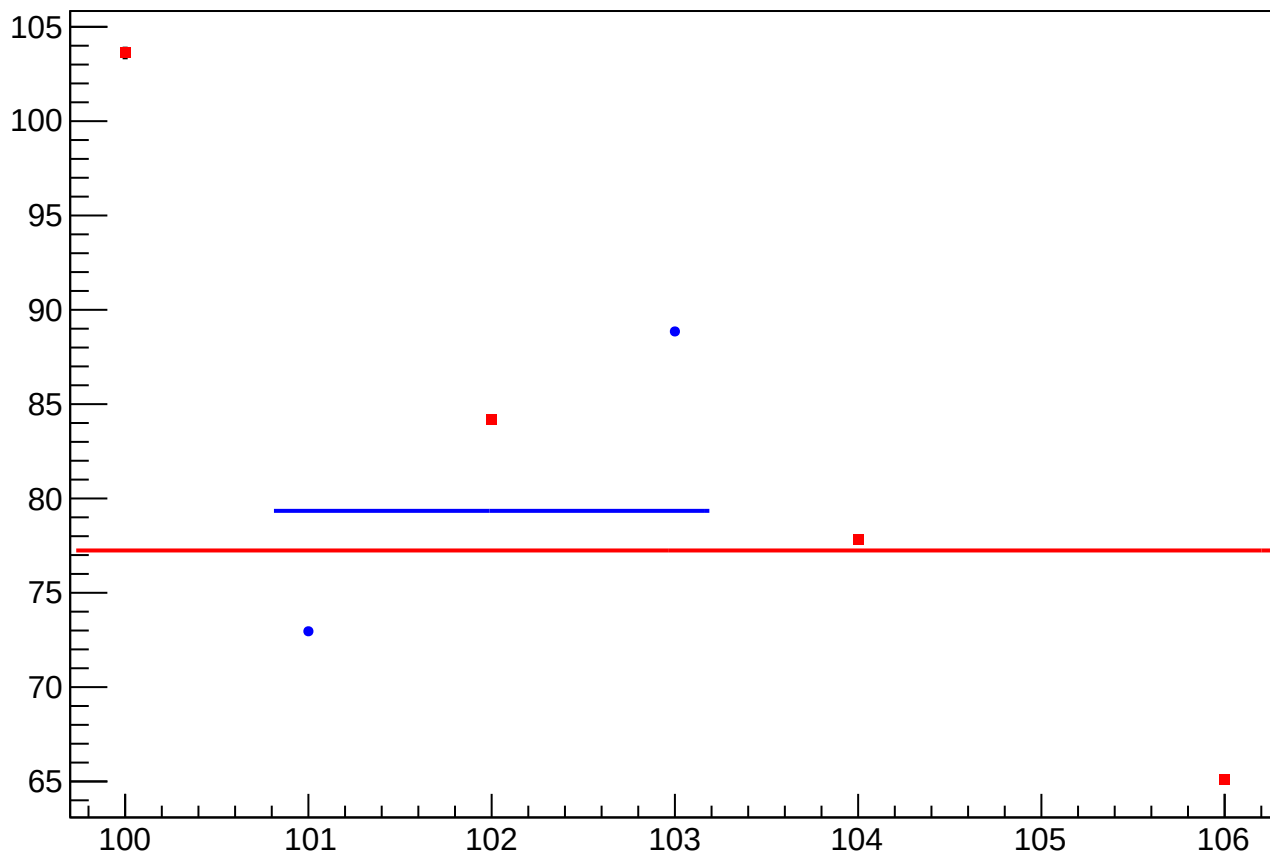
Right: -0.024+/-0.049 χ^2/NDF : 3.0/5

In: -0.082+/-0.074 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.049 χ^2/NDF : 3.0/5

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 77.244+/-0.045 χ^2/NDF : 36826.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

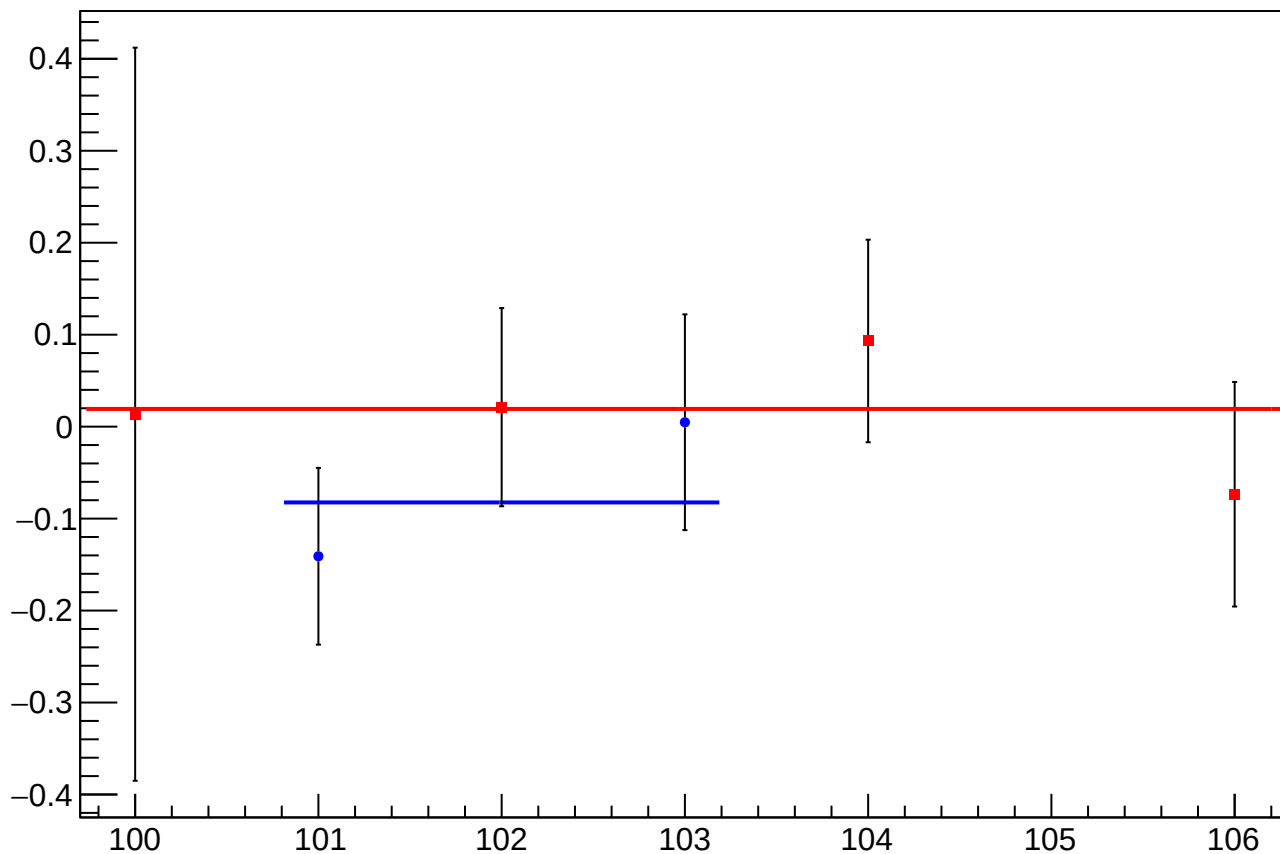
Right: 78.142+/-0.034 χ^2/NDF : 59706.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.142+/-0.034 χ^2/NDF : 59706.8/5

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.019 $\pm$ 0.064 χ^2 /NDF: 1.0/3

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

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

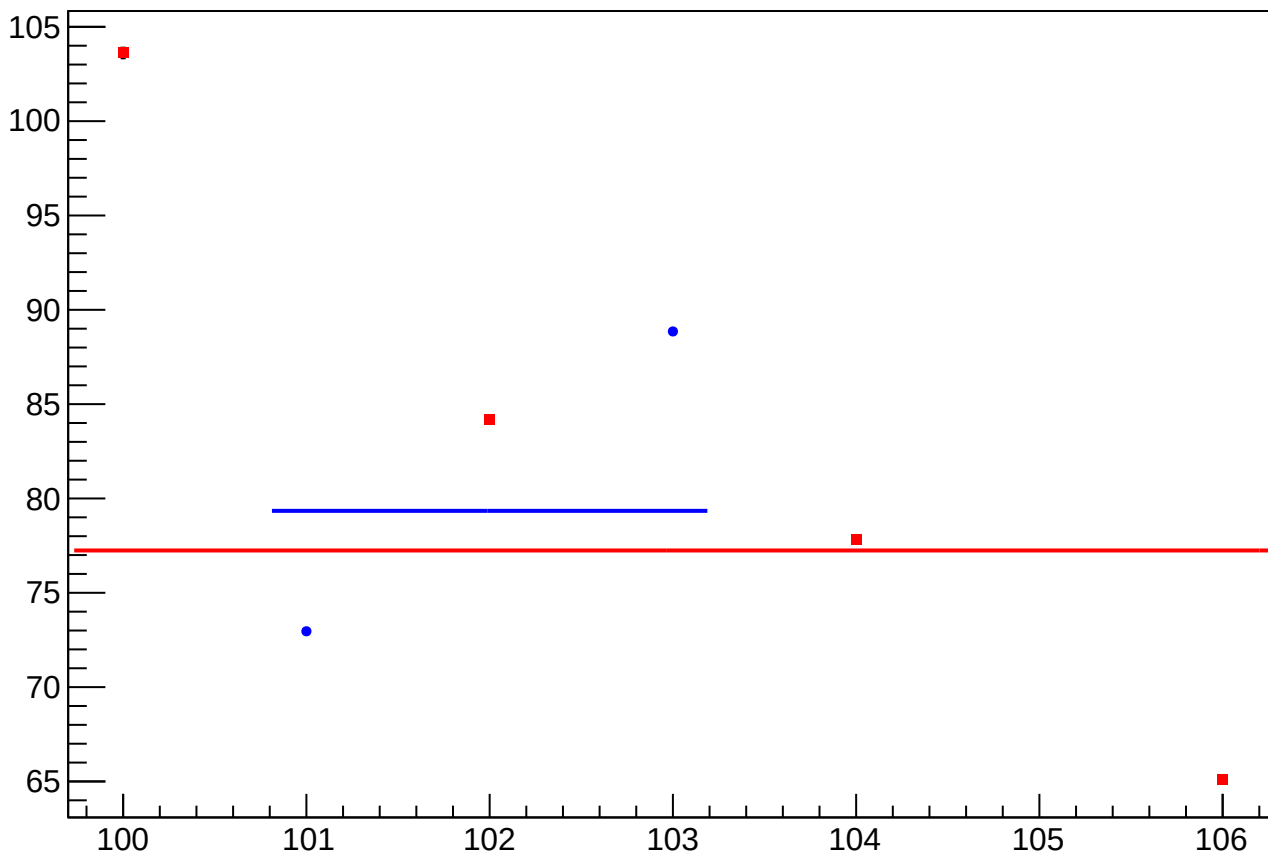
Right: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

In: -0.082 $\pm$ 0.074 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 77.244+/-0.045 χ^2/NDF : 36826.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

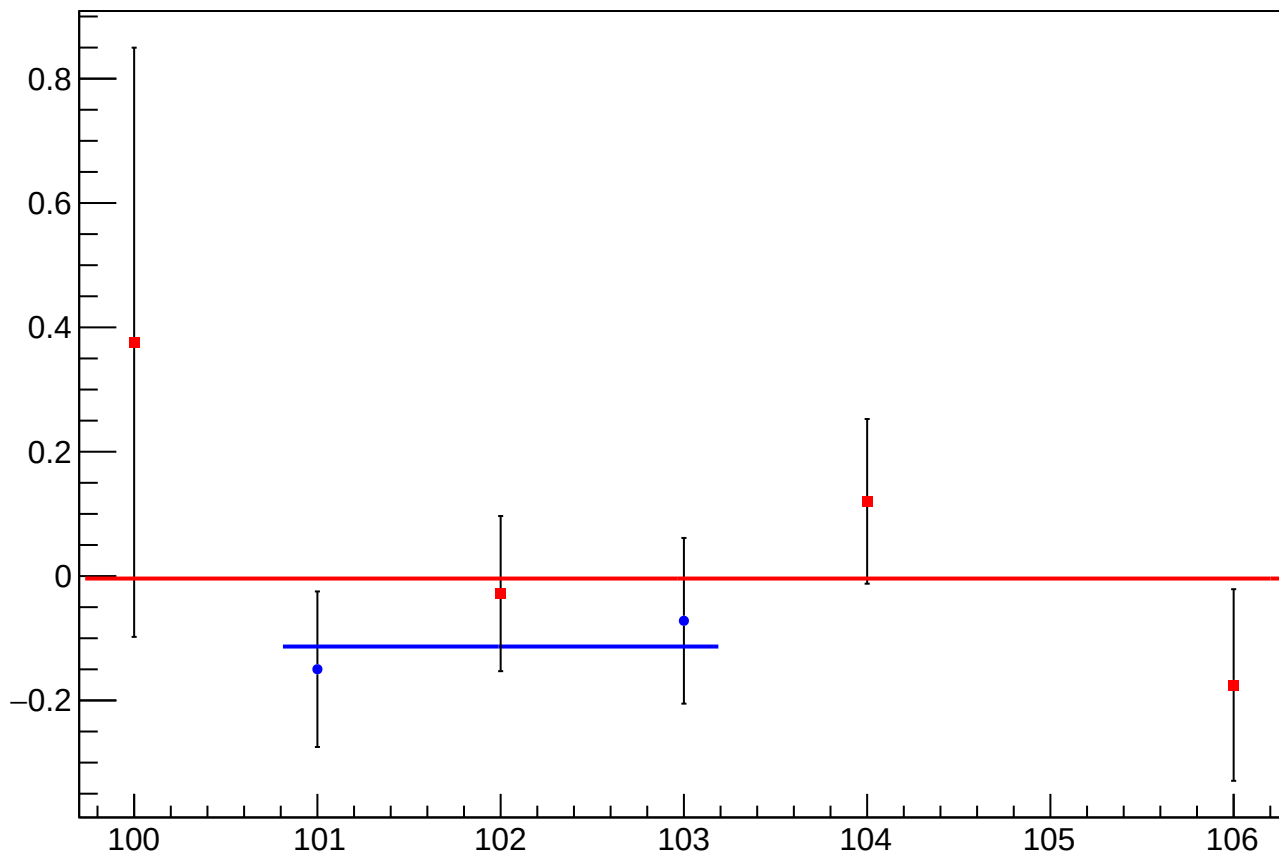
Right: 78.142+/-0.034 χ^2/NDF : 59706.8/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.142+/-0.034 χ^2/NDF : 59706.8/5

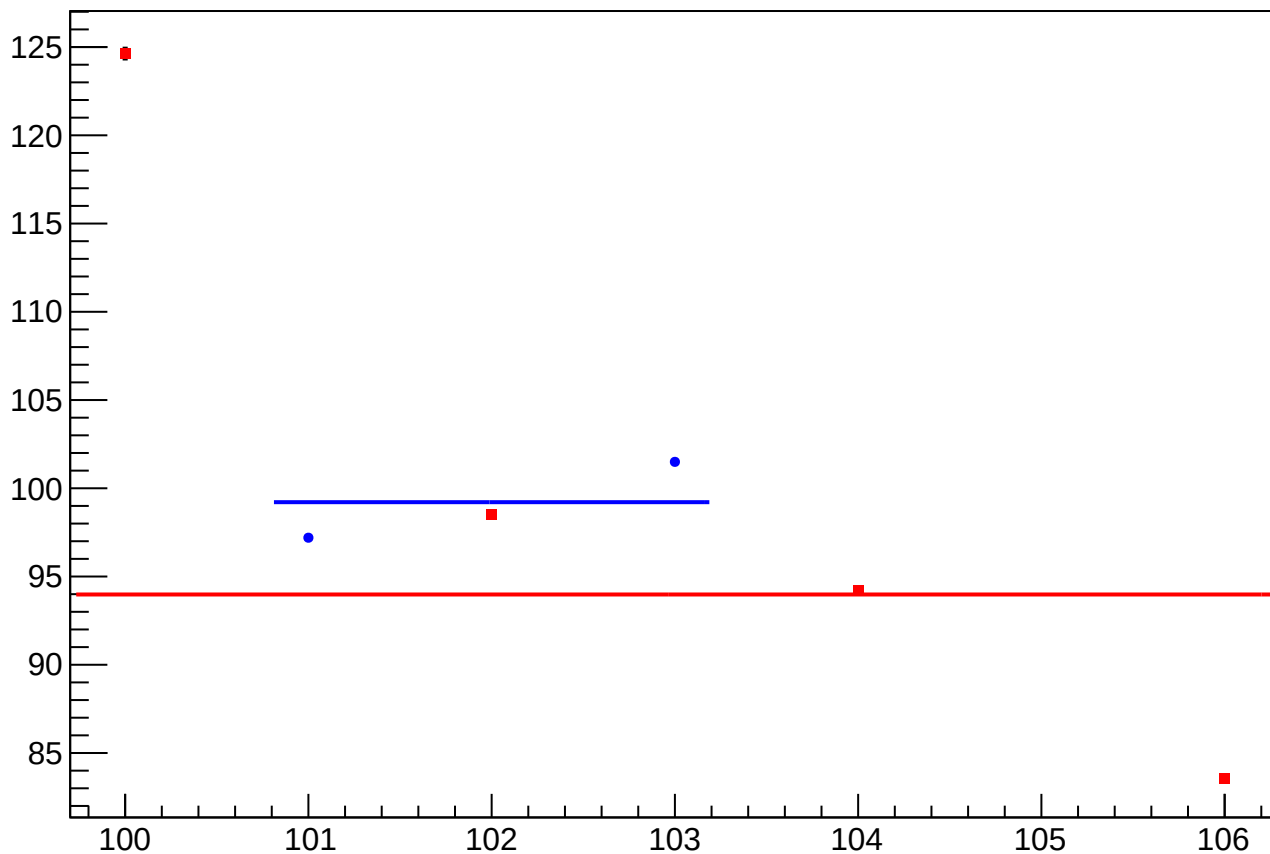
asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.113+/-0.091 χ^2/NDF : 0.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.004+/-0.077 χ^2/NDF : 2.8/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.050+/-0.059 χ^2/NDF : 3.8/5
 In: -0.113+/-0.091 χ^2/NDF : 0.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.050+/-0.059 χ^2/NDF : 3.8/5

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.212 $\pm$ 0.064 χ^2 /NDF: 1106.2/1

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

Right Out: 93.982 $\pm$ 0.055 χ^2 /NDF: 20221.7/3

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

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

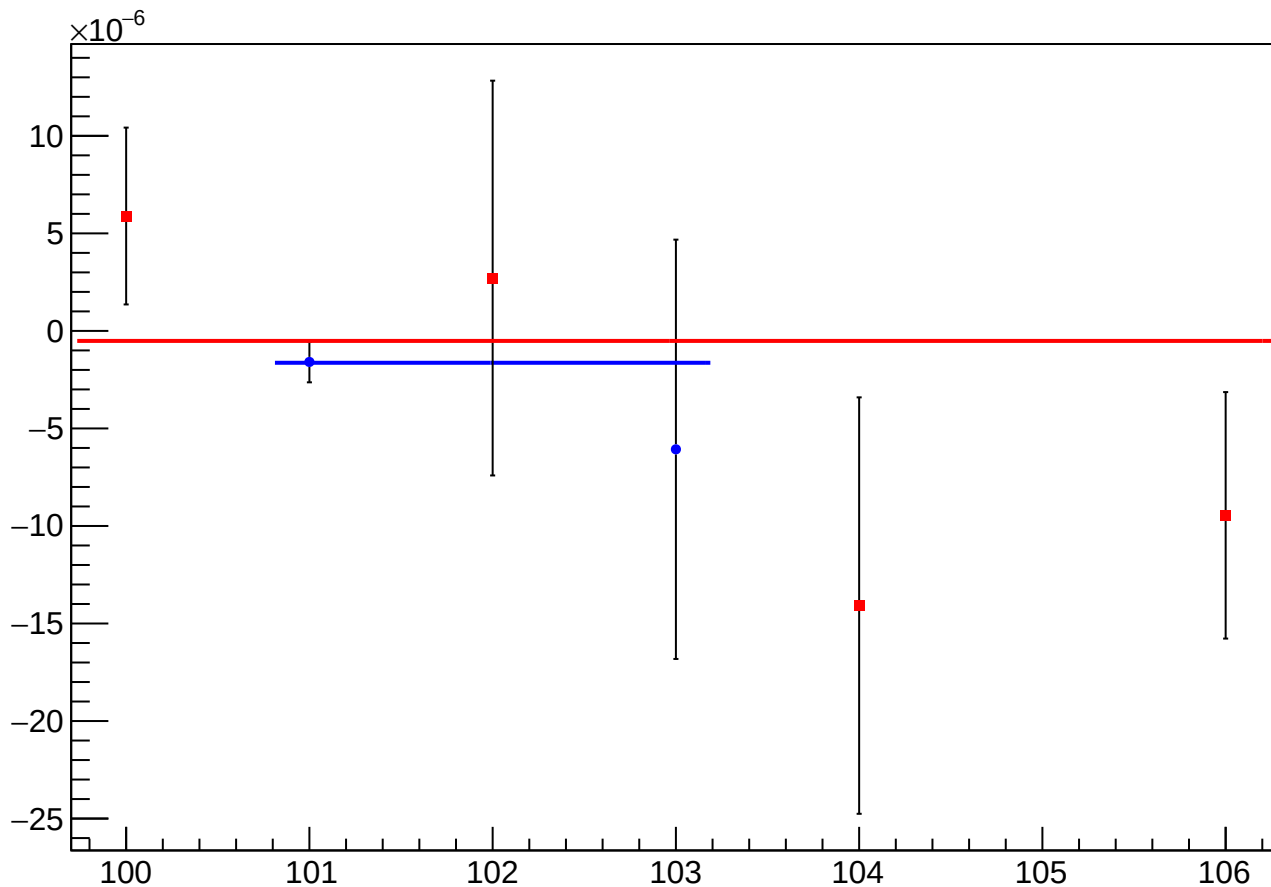
Right: 96.165 $\pm$ 0.042 χ^2 /NDF: 25160.7/5

In: 99.212 $\pm$ 0.064 χ^2 /NDF:1106.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 96.165 $\pm$ 0.042 χ^2 /NDF: 25160.7/5

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

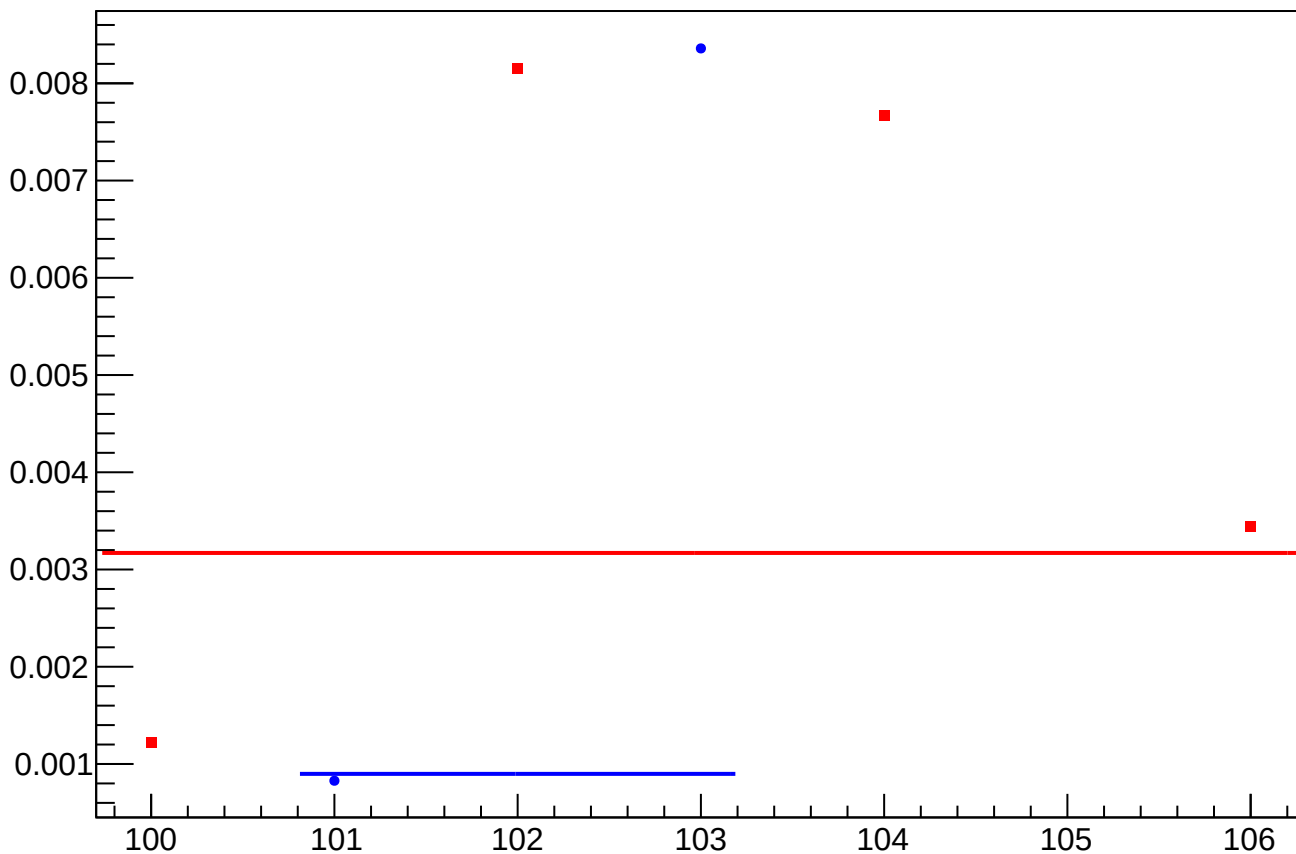
Right: -0.000+/-0.000 χ^2/NDF : 6.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.0/5

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1213227.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

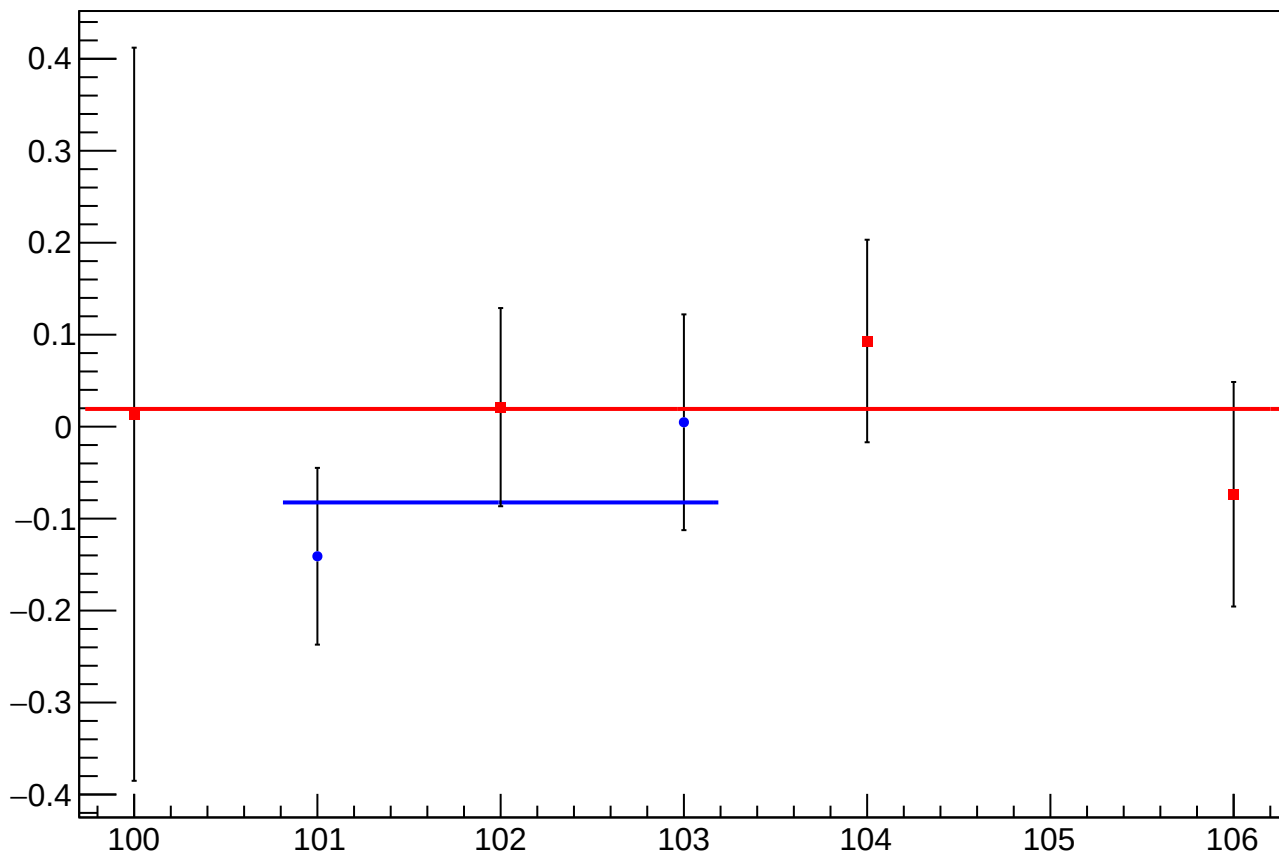
Right: 0.001+/-0.000 χ^2/NDF : 3051968.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3051968.7/5

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.019 $\pm$ 0.064 χ^2 /NDF: 1.0/3

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

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

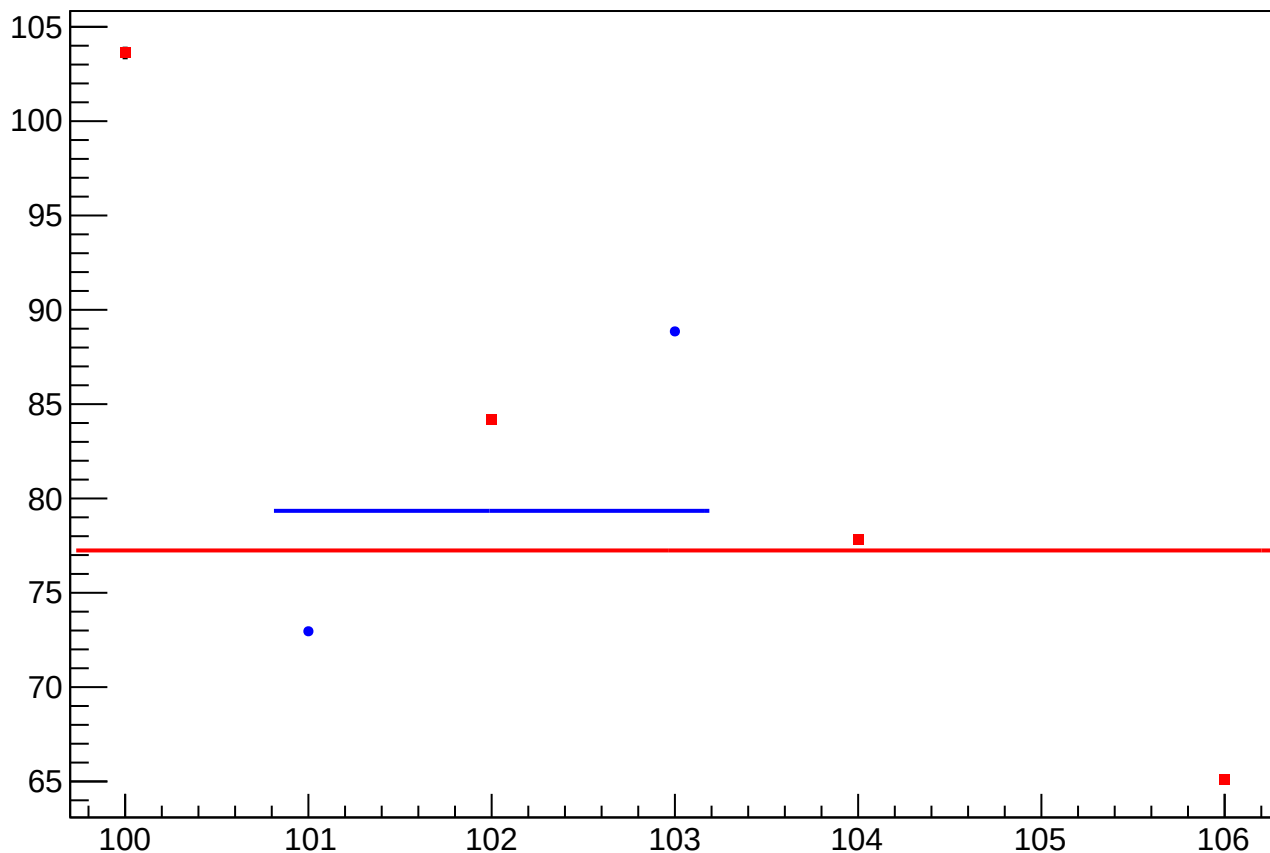
Right: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

In: -0.082 $\pm$ 0.074 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 77.244+/-0.045 χ^2/NDF : 36833.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

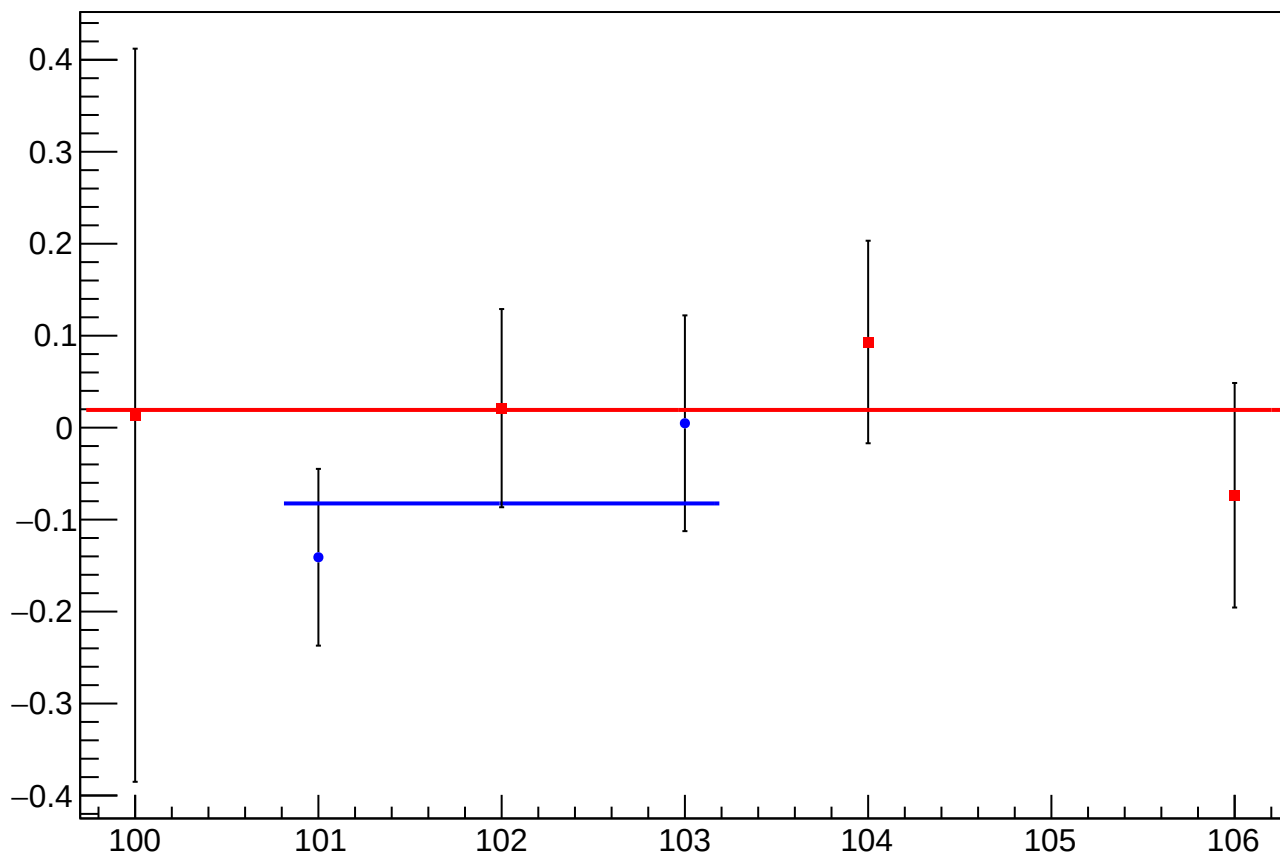
Right: 78.143+/-0.034 χ^2/NDF : 59719.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.143+/-0.034 χ^2/NDF : 59719.3/5

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.019 $\pm$ 0.064 χ^2 /NDF: 1.0/3

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

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

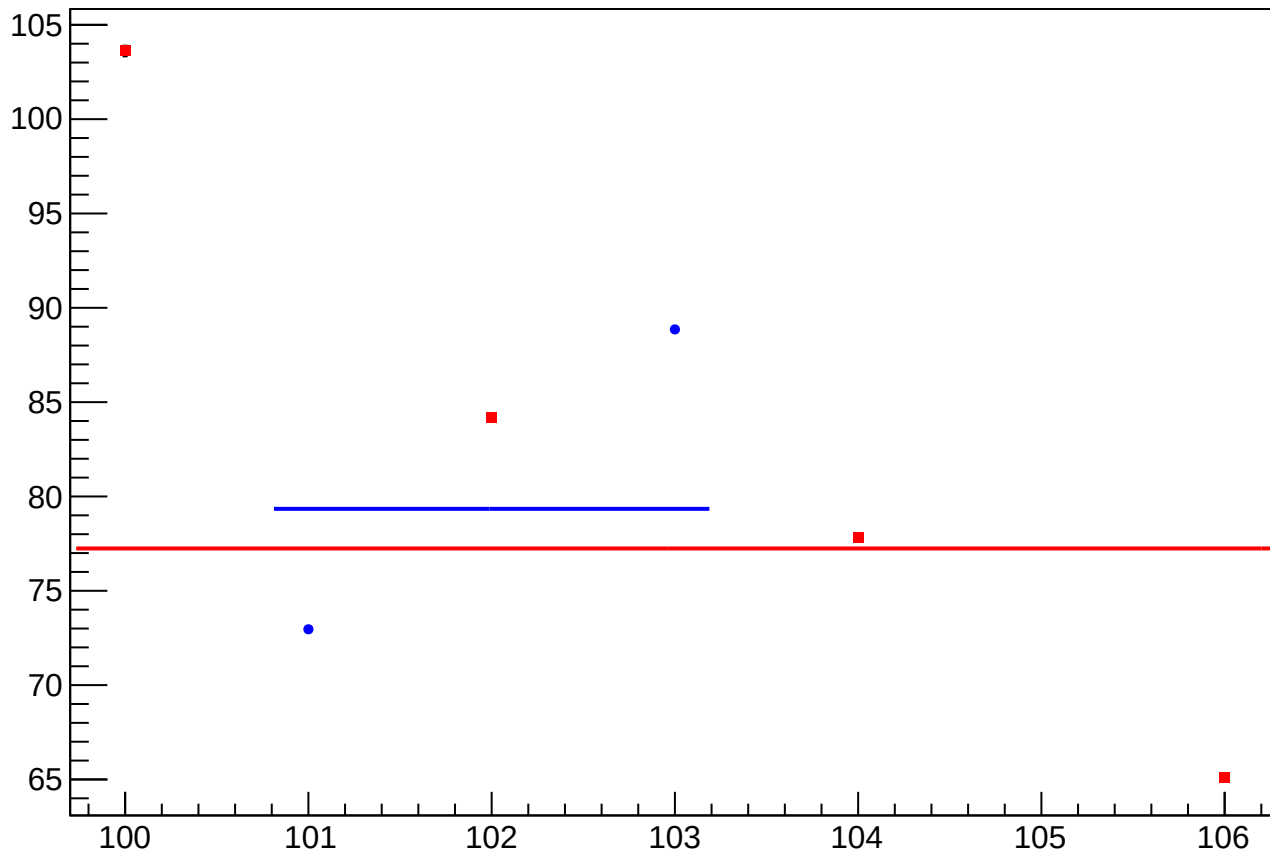
Right: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

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

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

All: -0.024 $\pm$ 0.049 χ^2 /NDF: 3.0/5

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 77.244+/-0.045 χ^2/NDF : 36833.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

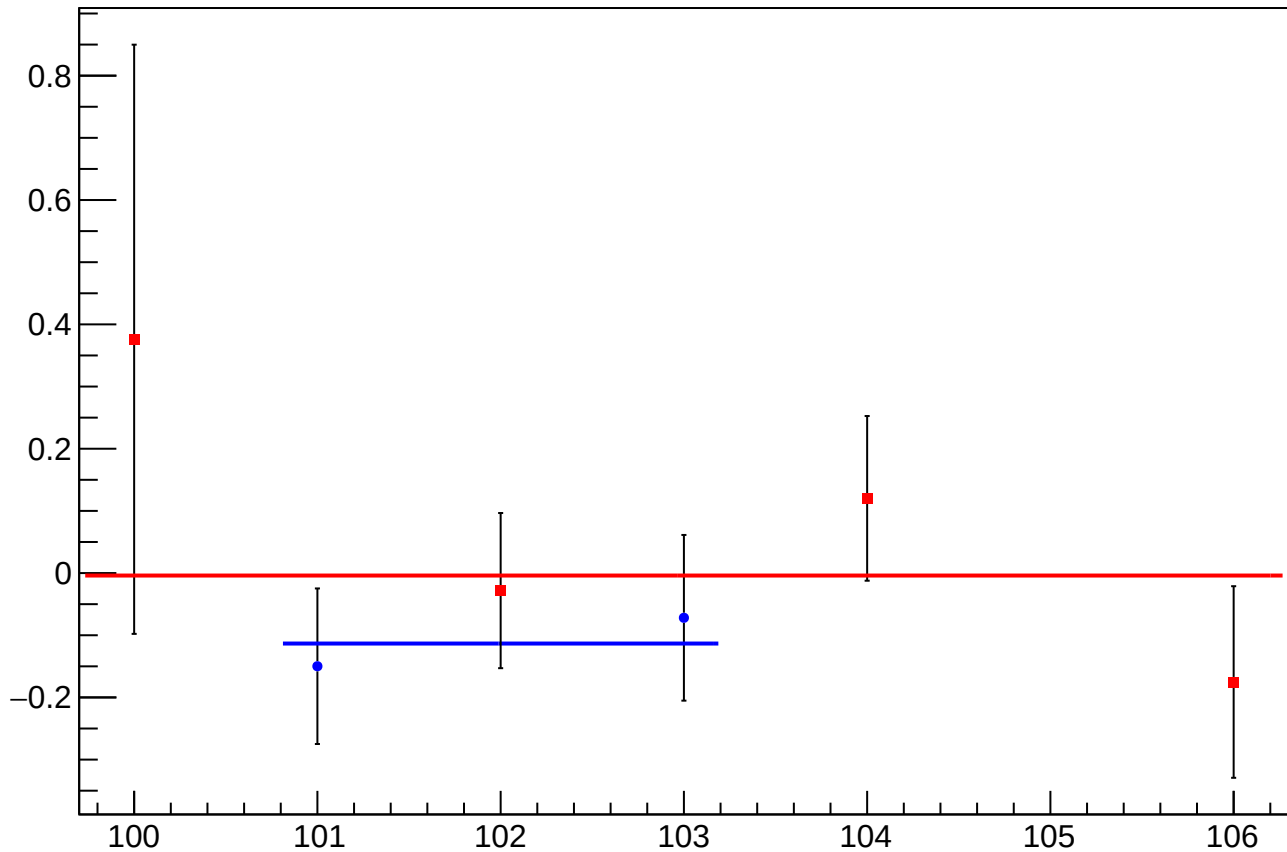
Right: 78.143+/-0.034 χ^2/NDF : 59719.3/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.143+/-0.034 χ^2/NDF : 59719.3/5

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.004 $\pm$ 0.077 χ^2 /NDF: 2.8/3

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

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

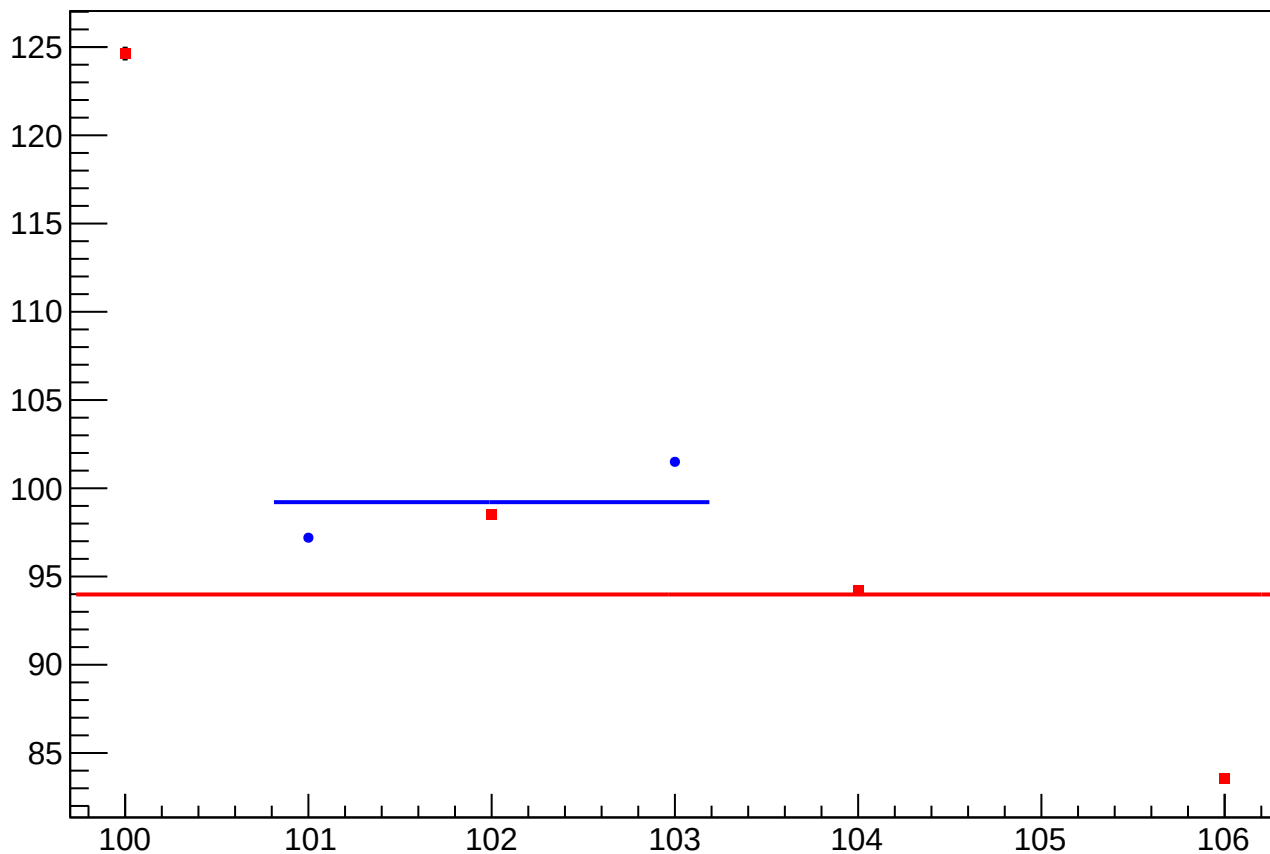
Right: -0.050 $\pm$ 0.059 χ^2 /NDF: 3.8/5

In: -0.113 $\pm$ 0.091 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.050 $\pm$ 0.059 χ^2 /NDF: 3.8/5

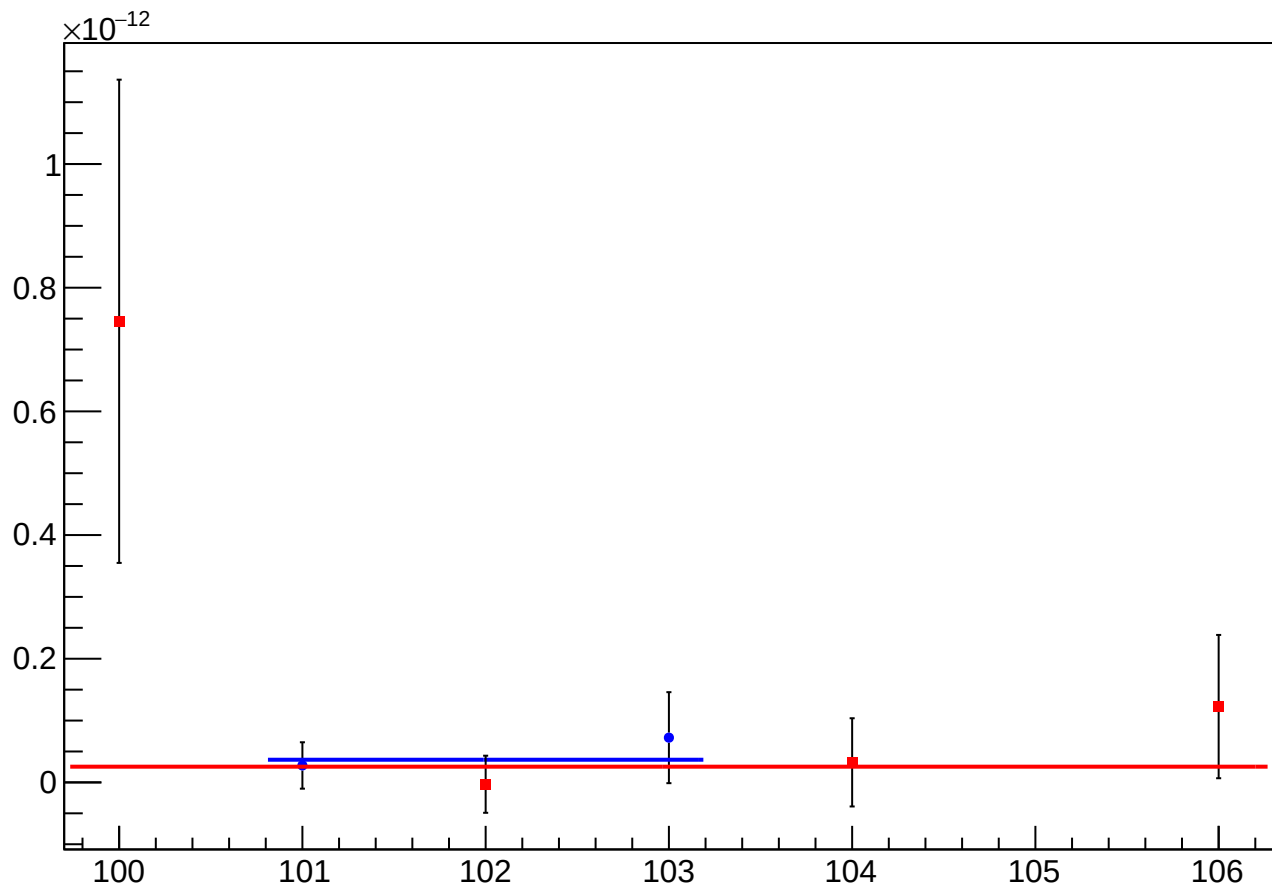
asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.213+/-0.064 χ^2/NDF : 1107.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 93.983+/-0.055 χ^2/NDF : 20224.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 96.166+/-0.042 χ^2/NDF : 25165.2/5
 In: 99.213+/-0.064 χ^2/NDF : 1107.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 96.166+/-0.042 χ^2/NDF : 25165.2/5

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

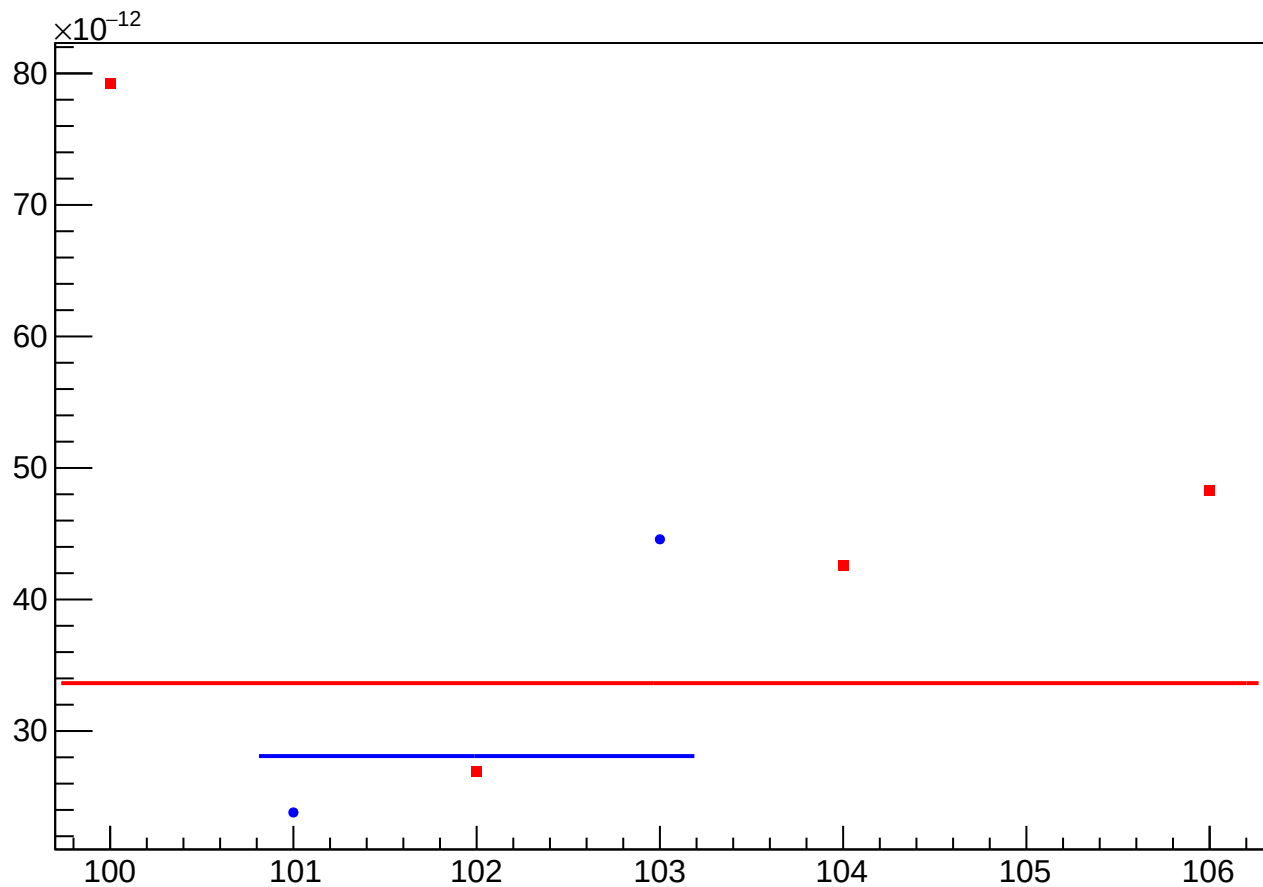
Right: 0.000+/-0.000 χ^2/NDF : 4.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.8/5

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 126431.0/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 132742.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

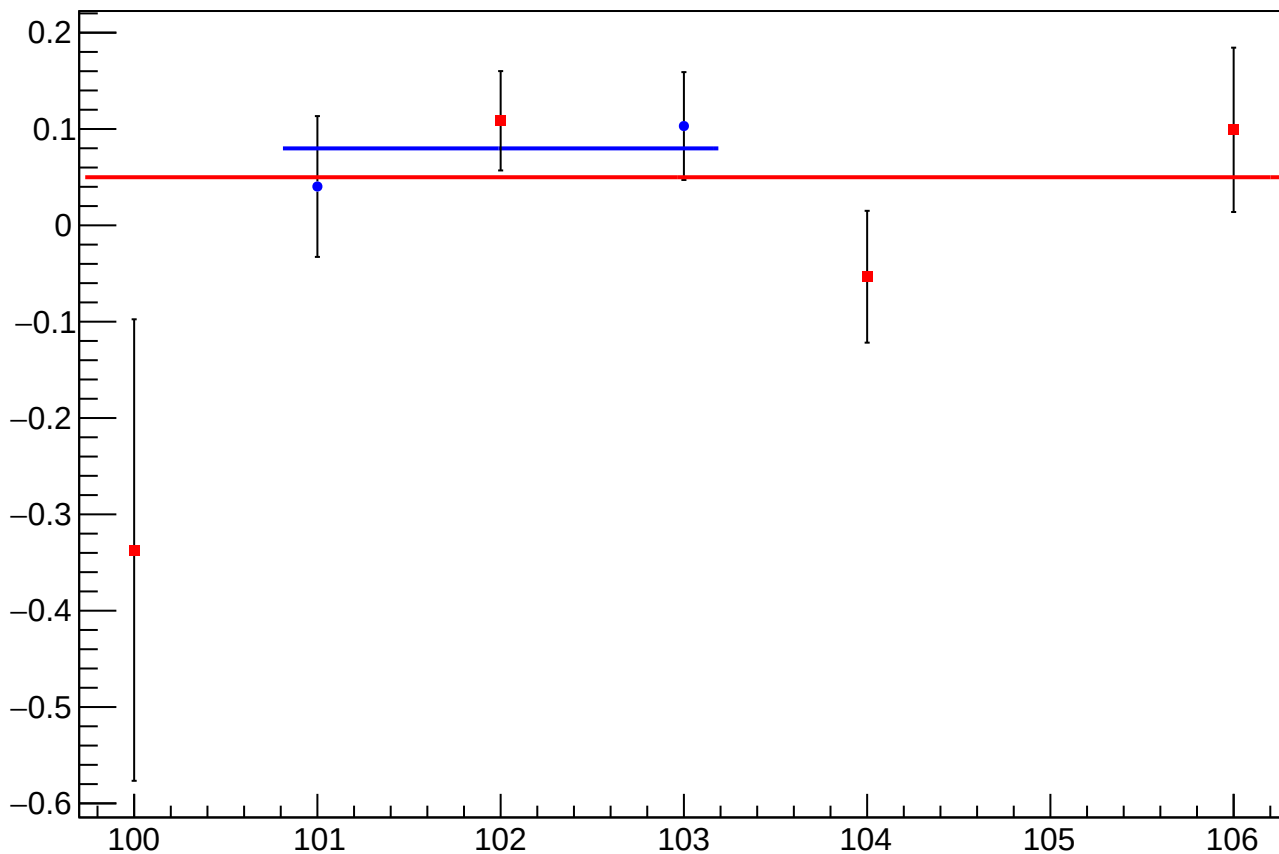
Right: 0.000+/-0.000 χ^2/NDF : 284221.3/5

In: 0.000+/-0.000 χ^2/NDF : 126431.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 284221.3/5

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.050+/-0.037 χ^2/NDF : 6.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

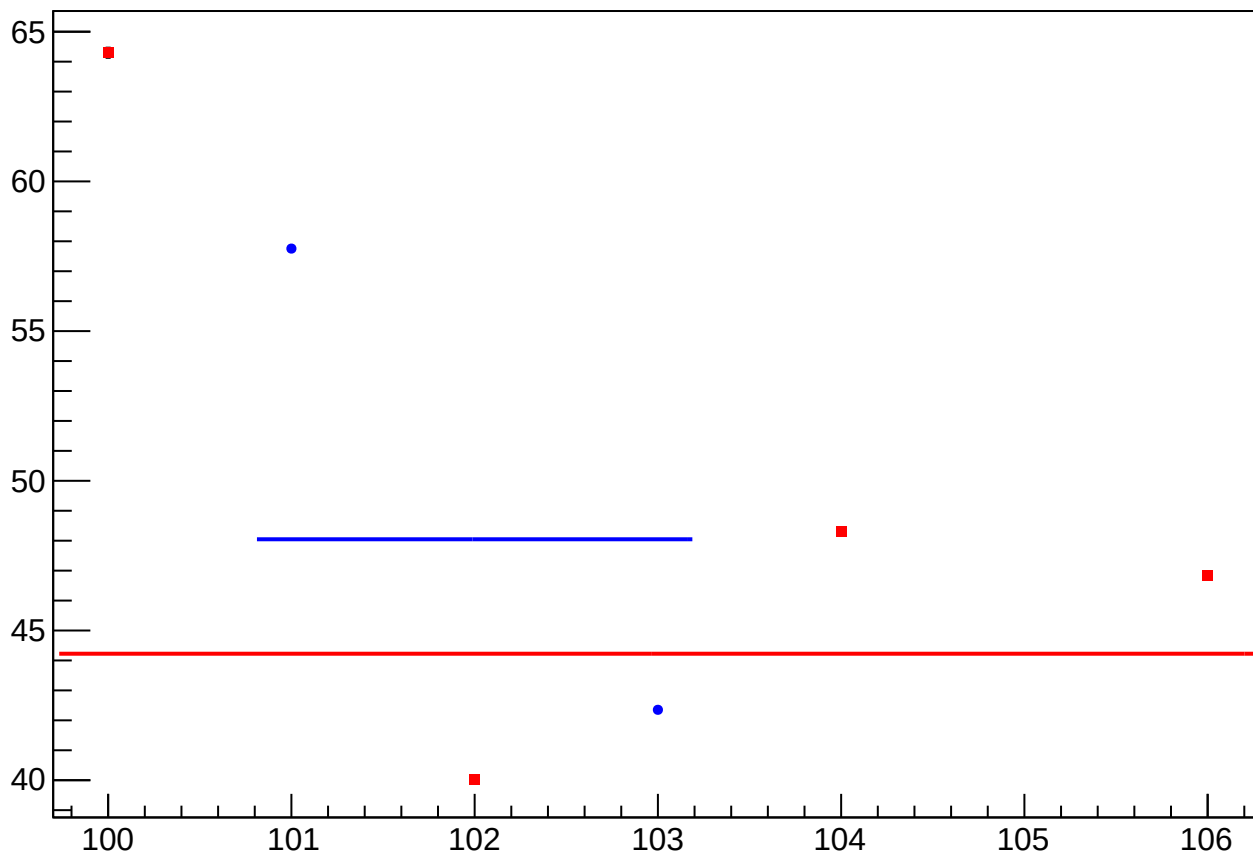
Right: 0.062+/-0.028 χ^2/NDF : 7.2/5

In: 0.080+/-0.044 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.028 χ^2/NDF : 7.2/5

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.225 $\pm$ 0.026 χ^2 /NDF: 36403.5/3

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

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

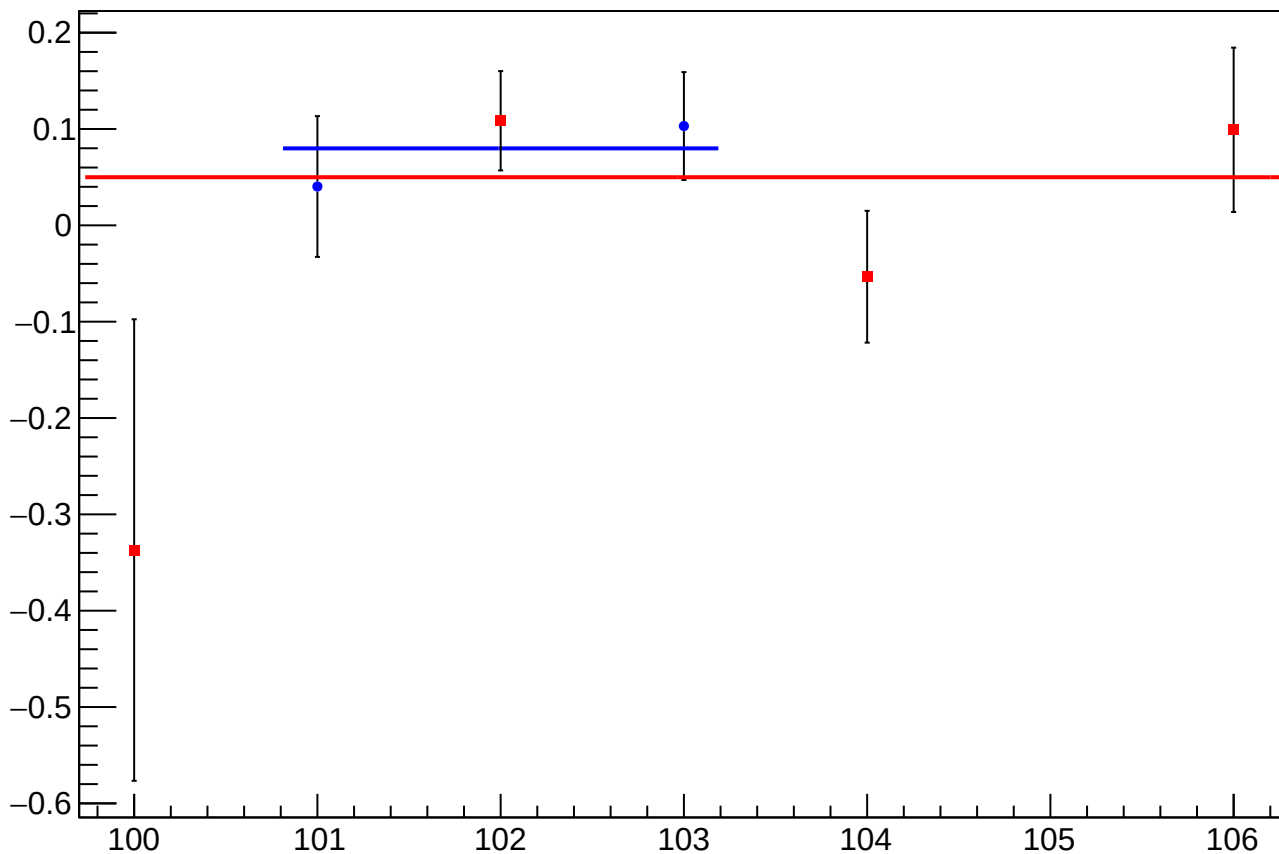
Right: 45.772 $\pm$ 0.020 χ^2 /NDF: 101211.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.772 $\pm$ 0.020 χ^2 /NDF: 101211.5/5

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.050+/-0.037 χ^2/NDF : 6.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

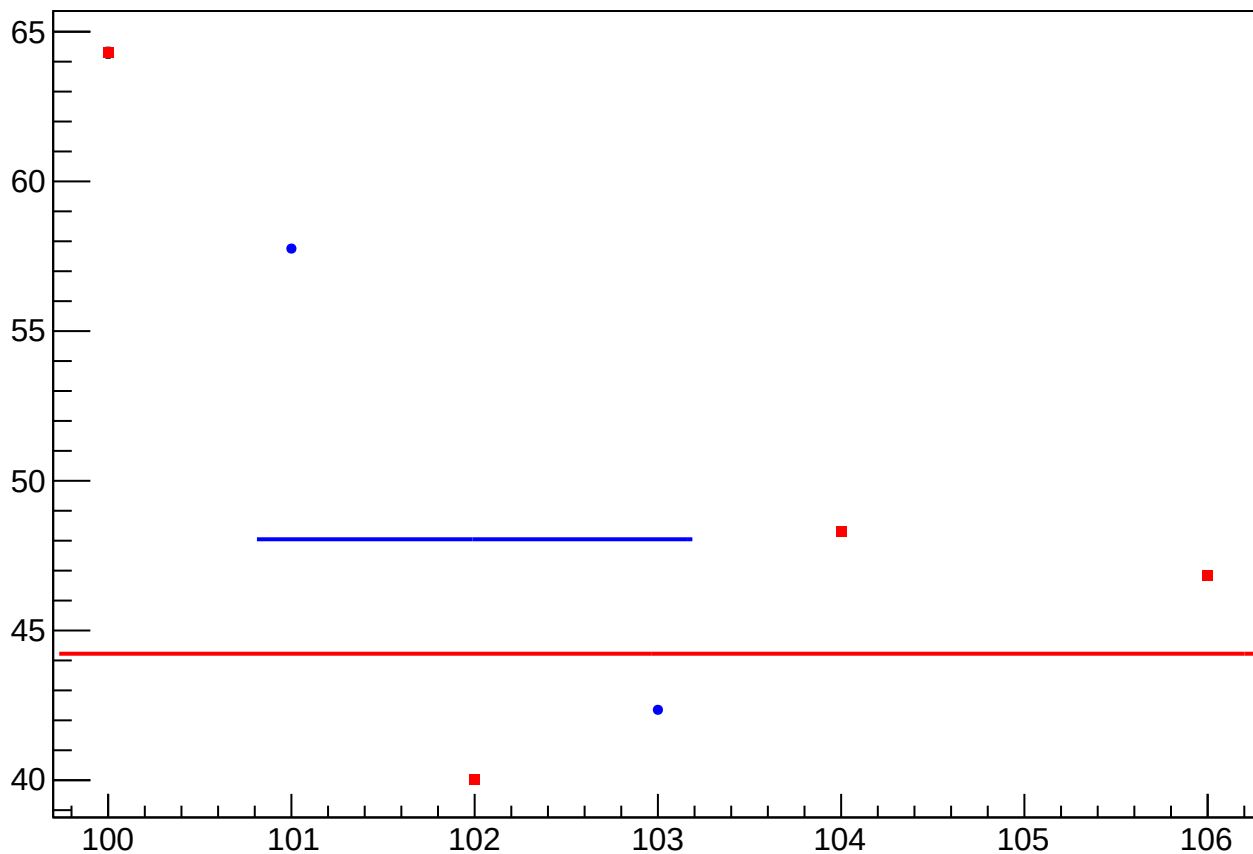
Right: 0.062+/-0.028 χ^2/NDF : 7.2/5

In: 0.080+/-0.044 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.028 χ^2/NDF : 7.2/5

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 44.225 $\pm$ 0.026 χ^2 /NDF: 36403.5/3

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

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

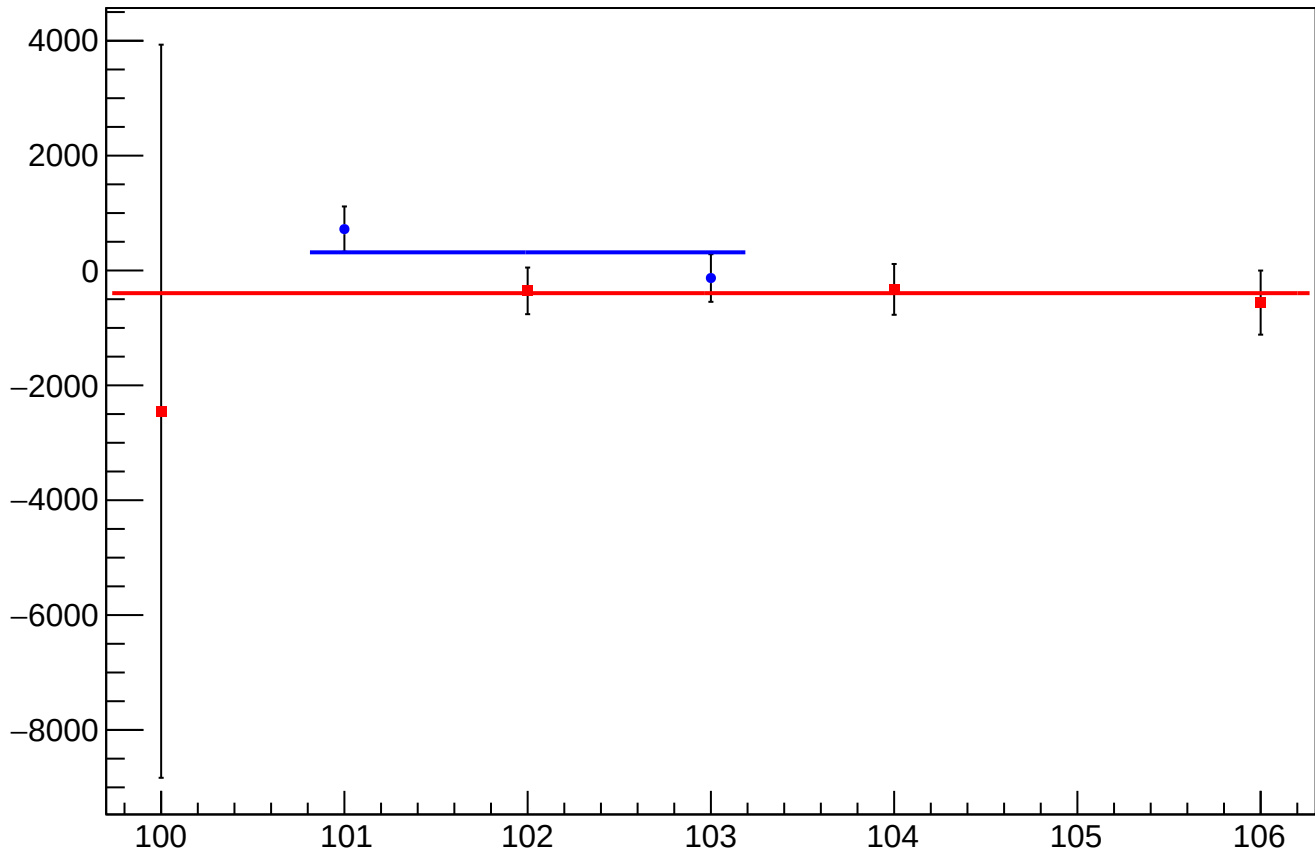
Right: 45.772 $\pm$ 0.020 χ^2 /NDF: 101211.5/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.772 $\pm$ 0.020 χ^2 /NDF: 101211.5/5

asym_dsl_mean vs Slug, Sign Corrected



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

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

Right Out: -394.725+/-263.382 χ^2/NDF : 0.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

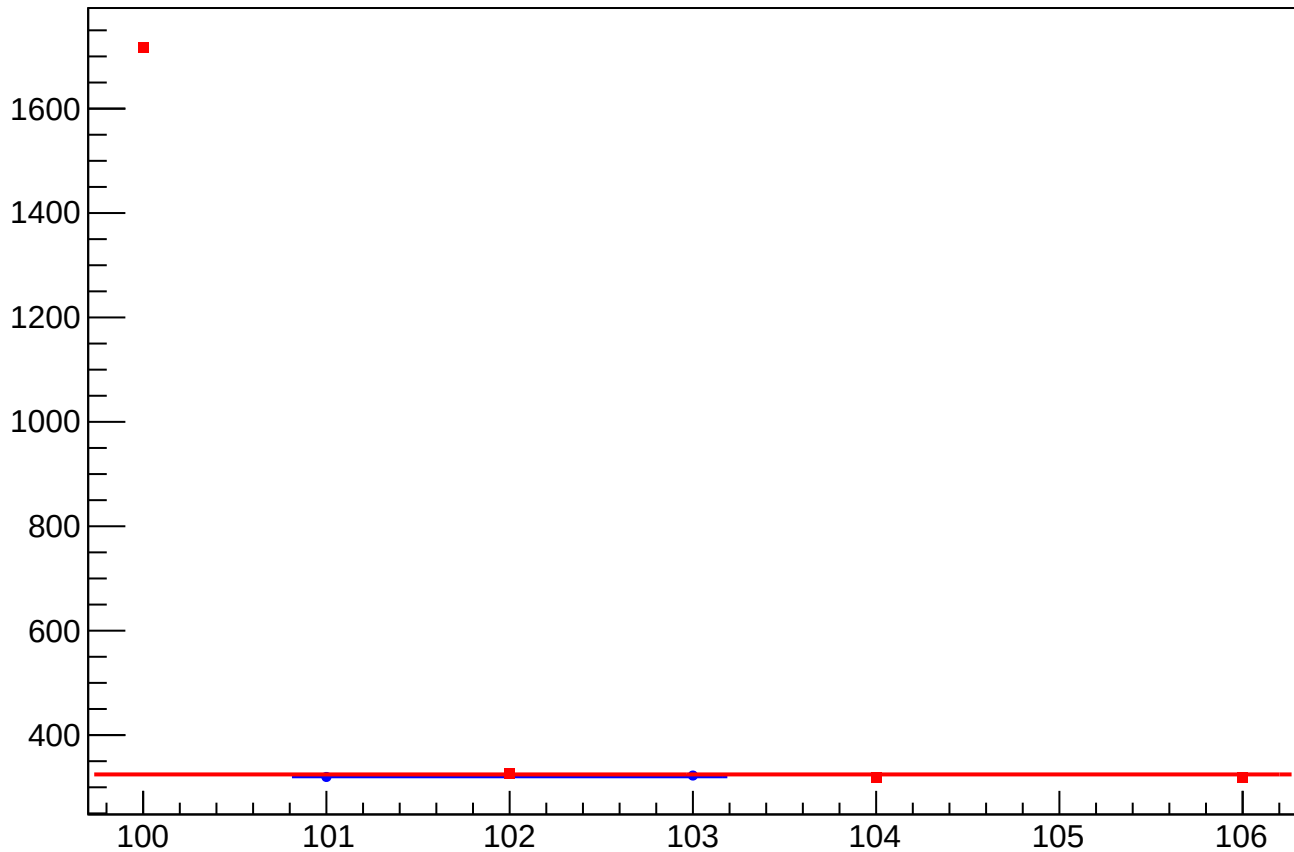
Right: -68.168+/-193.651 χ^2/NDF : 5.8/5

In: 316.088+/-285.704 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.168+/-193.651 χ^2/NDF : 5.8/5

asym_dsl_rms vs Slug, Sign Corrected



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

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

Right Out: 324.654 $\pm$ 0.186 χ^2 /NDF: 95986.2/3

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

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

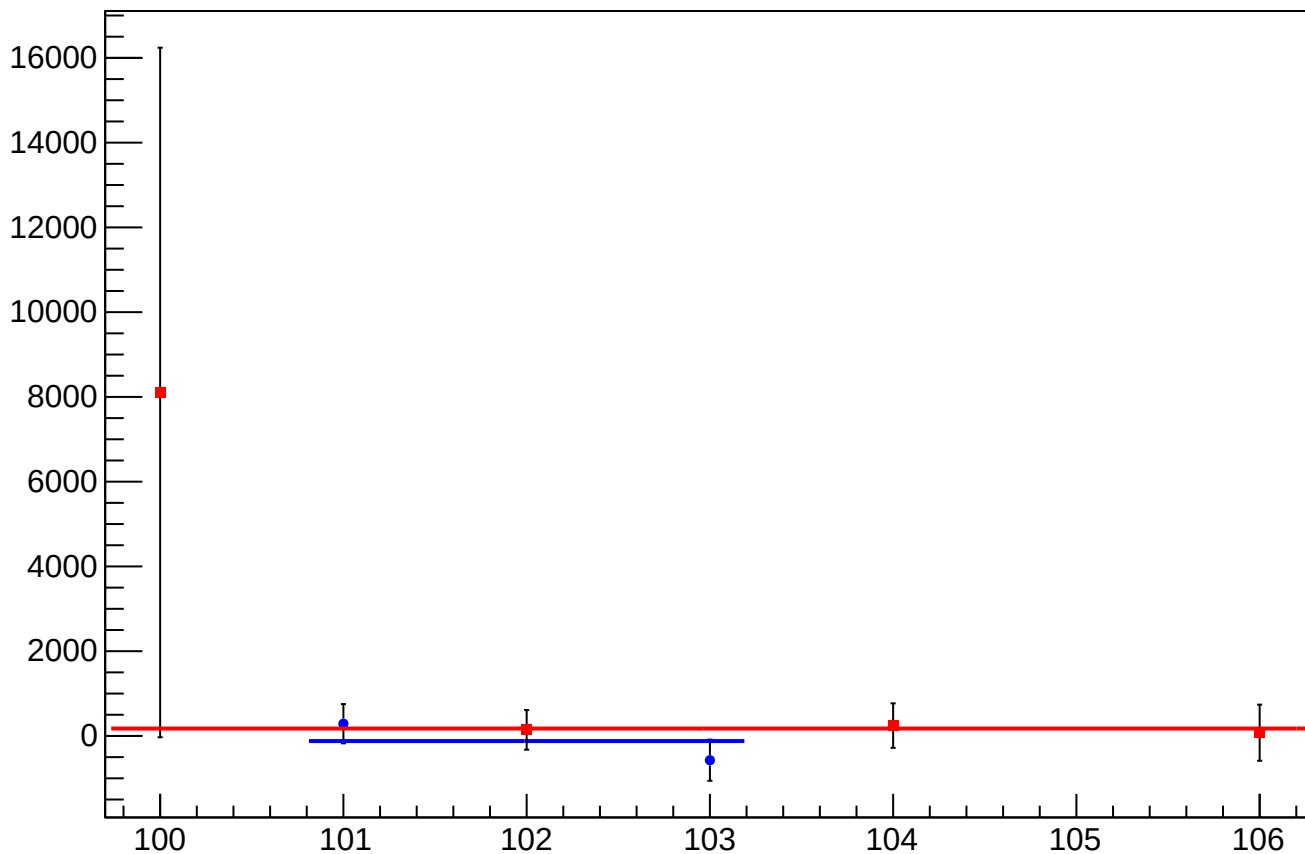
Right: 323.017 $\pm$ 0.137 χ^2 /NDF: 96200.0/5

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

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

All: 323.017 $\pm$ 0.137 χ^2 /NDF: 96200.0/5

asym_dsr_mean vs Slug, Sign Corrected



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

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

Right Out: 174.979+/-308.656 χ^2/NDF : 1.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

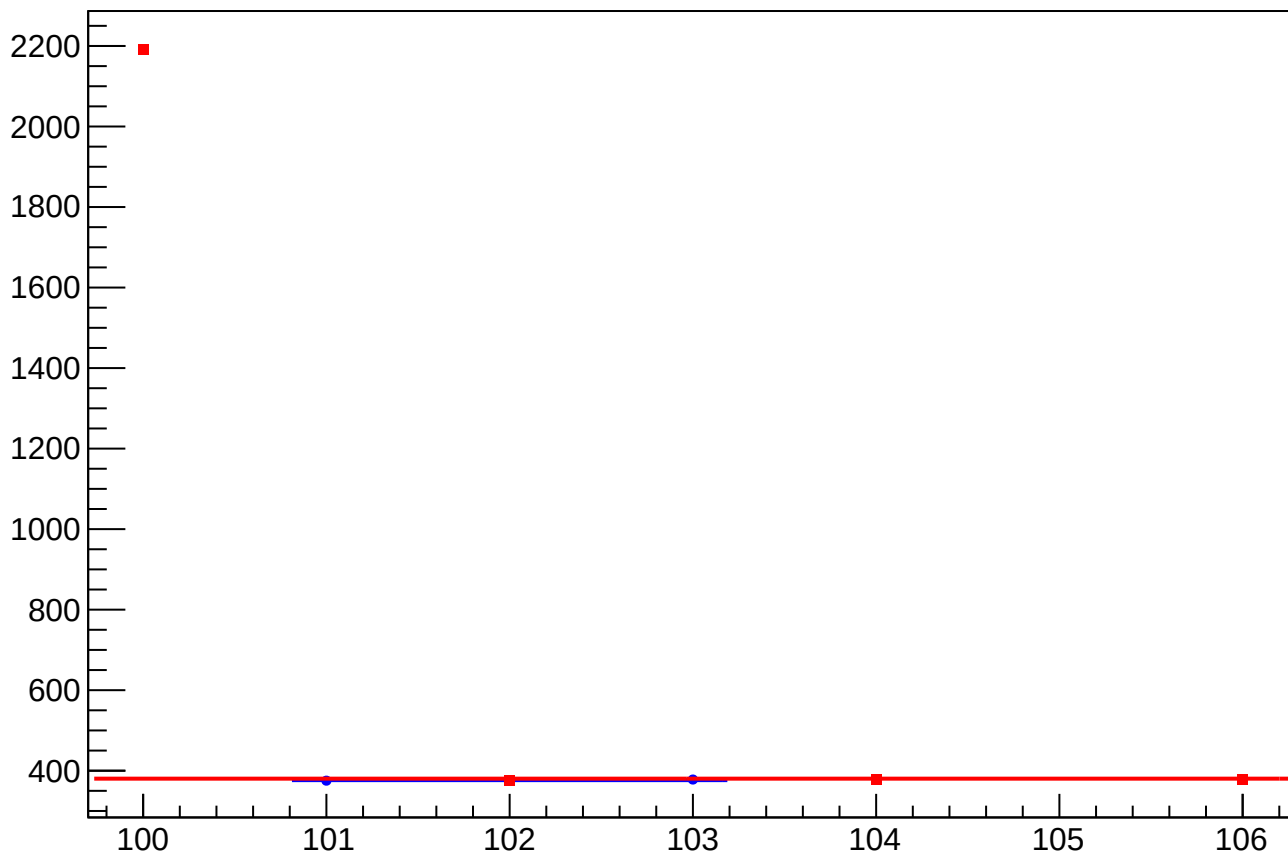
Right: 39.337+/-227.029 χ^2/NDF : 3.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.337+/-227.029 χ^2/NDF : 3.1/5

asym_dsr_rms vs Slug, Sign Corrected



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

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

Right Out: 380.261 $\pm$ 0.218 χ^2 /NDF: 99104.5/3

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

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

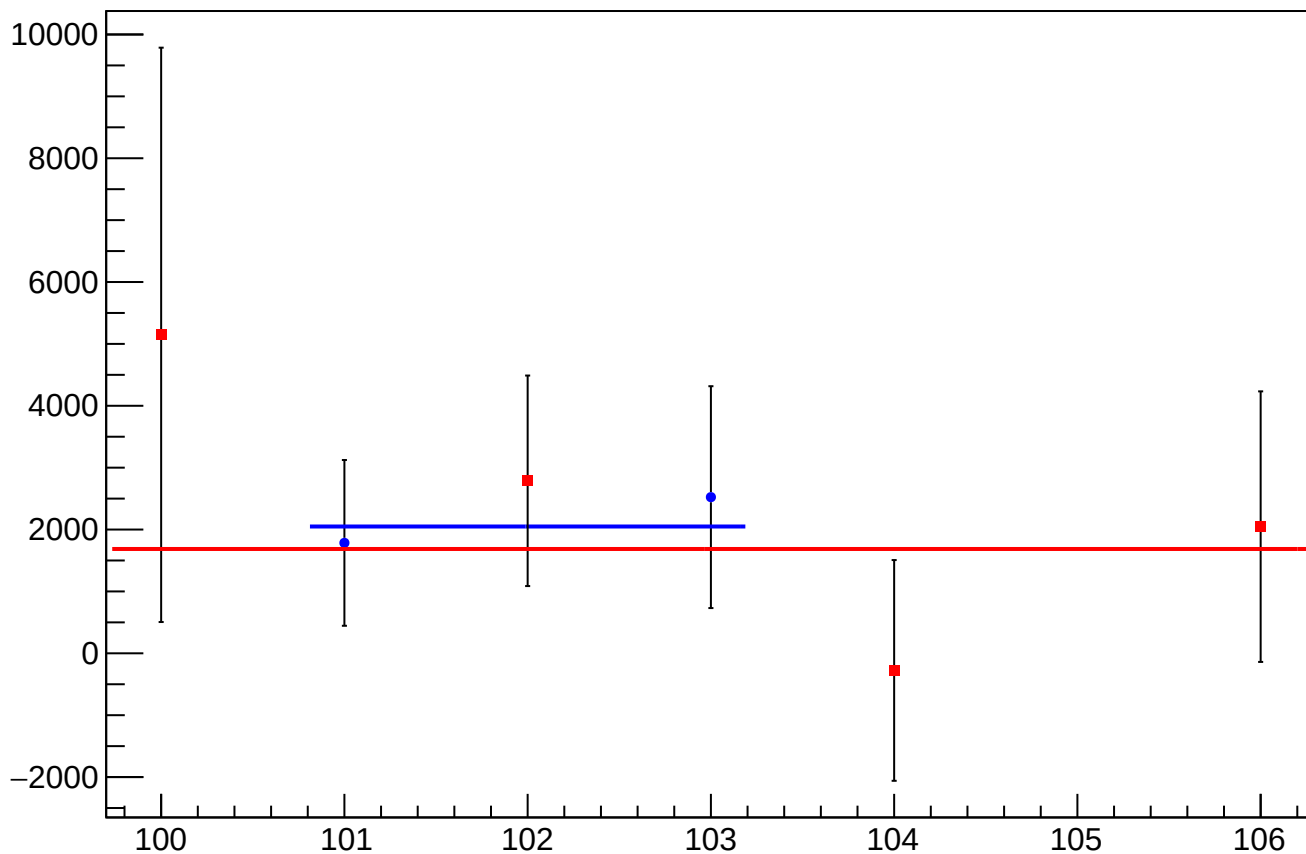
Right: 378.577 $\pm$ 0.161 χ^2 /NDF: 99268.9/5

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

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 378.577 $\pm$ 0.161 χ^2 /NDF: 99268.9/5

asym_us_agg_avg_mean vs Slug, Sign Corrected



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

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

Right Out: 1685.987+/-1045.042 χ^2/NDF : 2.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

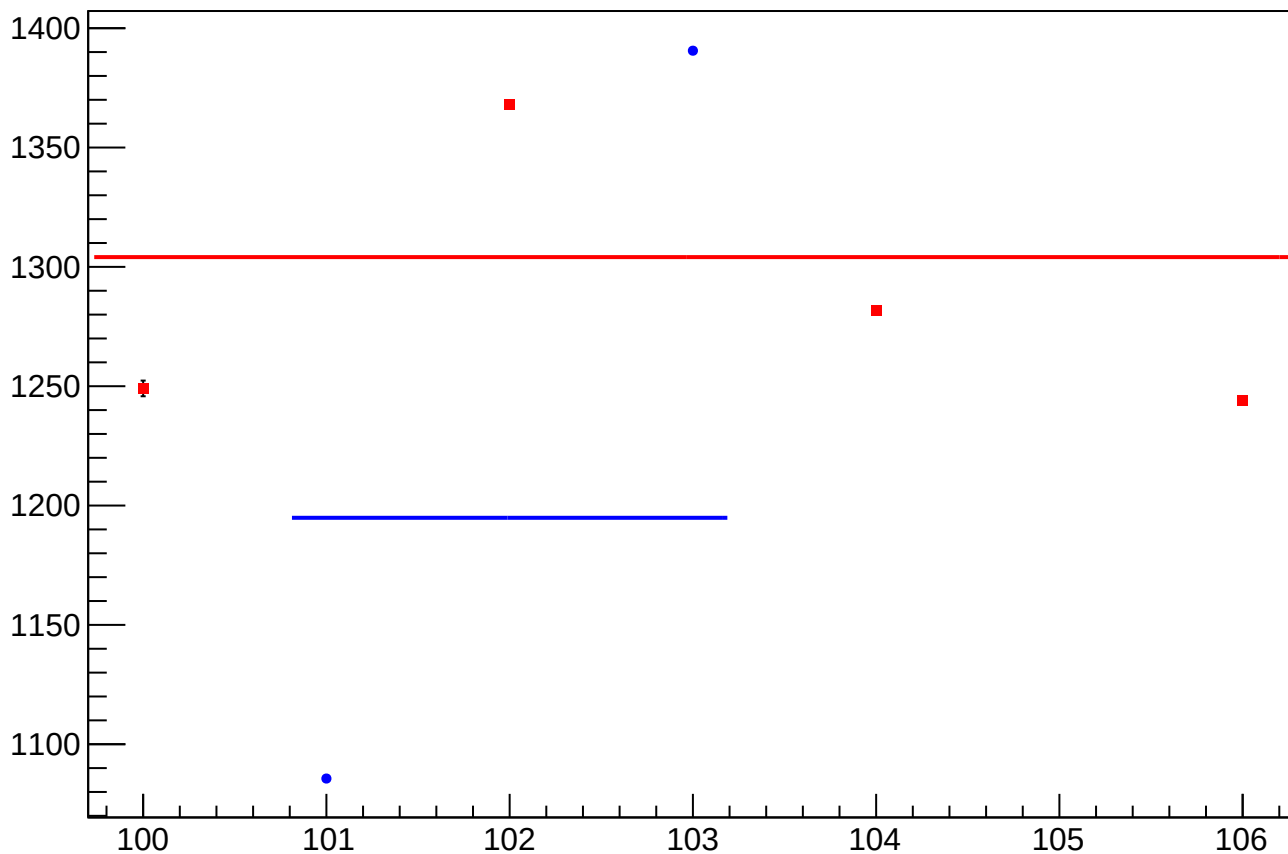
Right: 1862.802+/-748.608 χ^2/NDF : 2.4/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.802+/-748.608 χ^2/NDF : 2.4/5

asym_us_agg_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 1304.094+/-0.739 χ^2/NDF : 4943.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

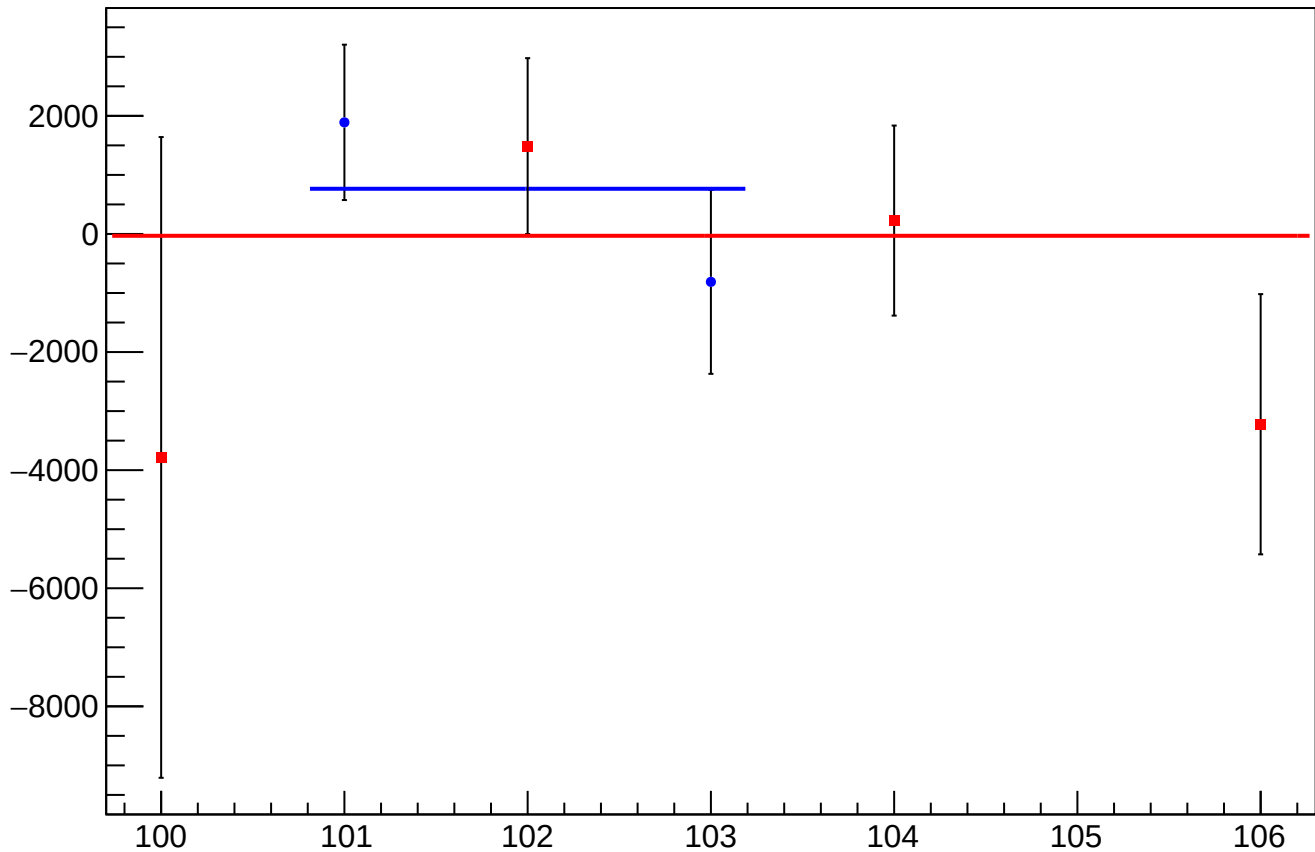
Right: 1250.919+/-0.529 χ^2/NDF : 52726.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.919+/-0.529 χ^2/NDF : 52726.7/5

asym_us_agg_dd_mean vs Slug, Sign Corrected



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

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

Right Out: -31.186+/-963.558 χ^2/NDF : 3.6/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

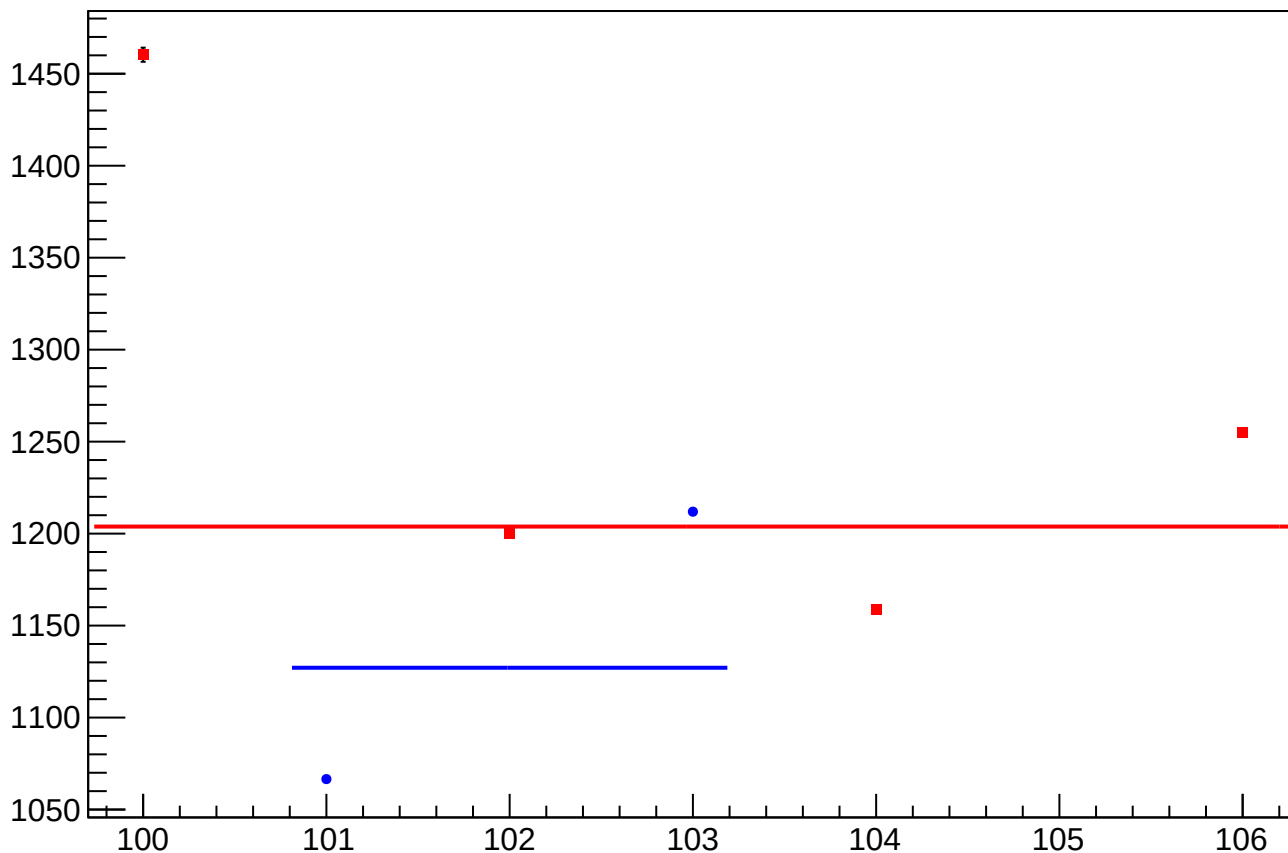
Right: 350.234+/-695.566 χ^2/NDF : 5.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 350.234+/-695.566 χ^2/NDF : 5.7/5

asym_us_agg_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 1203.827+/-0.681 χ^2/NDF : 7134.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

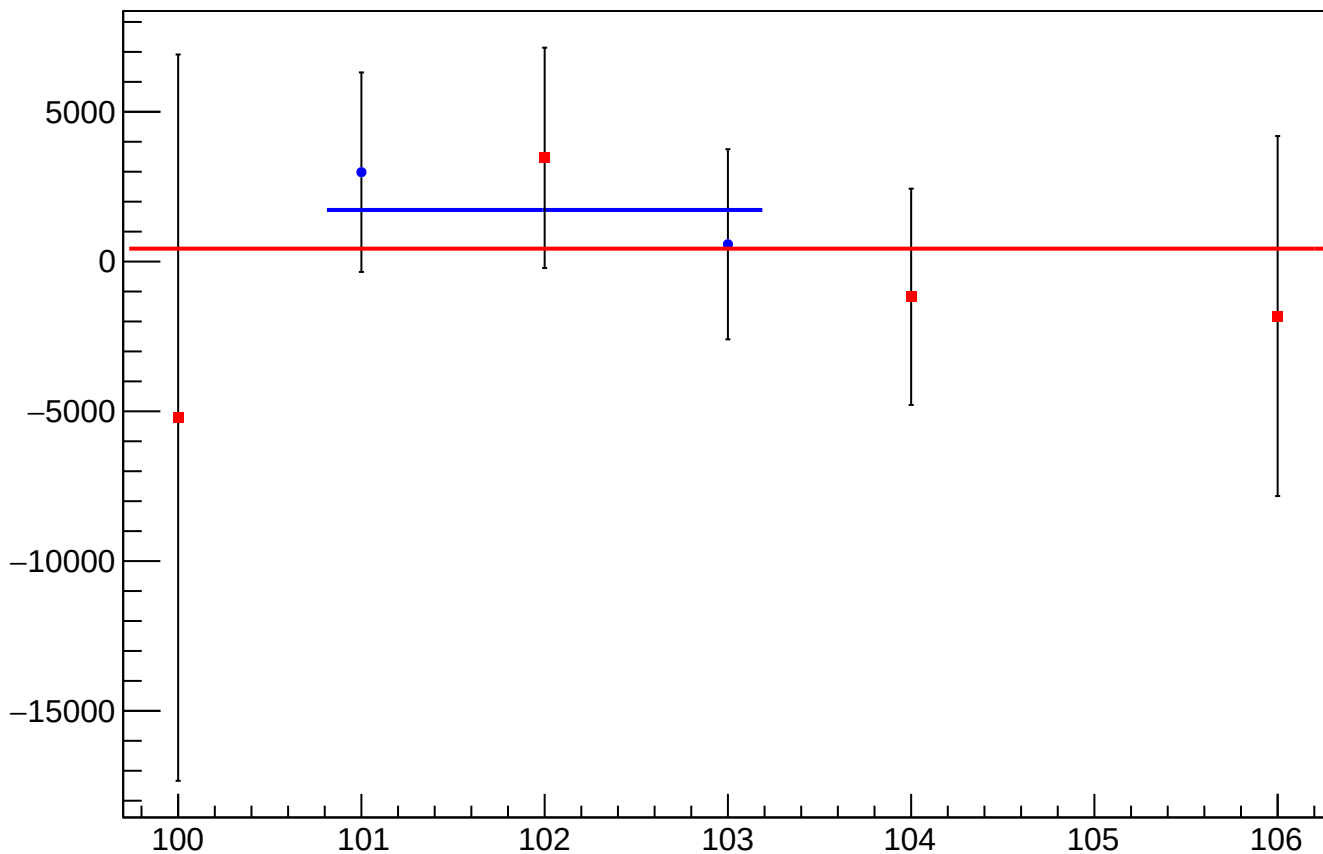
Right: 1167.072+/-0.492 χ^2/NDF : 23377.1/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.072+/-0.492 χ^2/NDF : 23377.1/5

reg_asym_atl1_mean vs Slug, Sign Corrected



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

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

Right Out: 431.378+/-2324.161 χ^2/NDF : 1.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

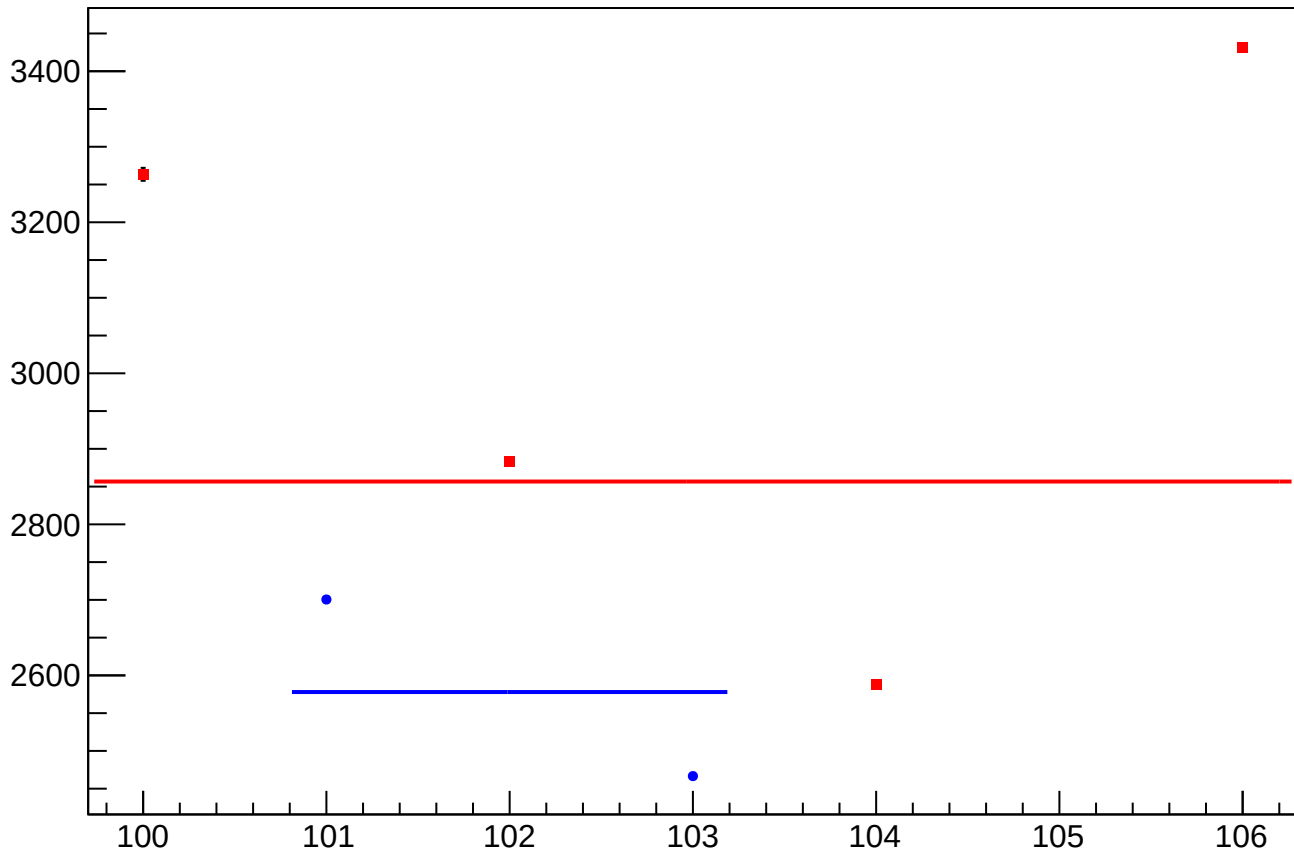
Right: 1084.695+/-1633.992 χ^2/NDF : 1.7/5

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.695+/-1633.992 χ^2/NDF : 1.7/5

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

Right Out: 2856.698 $\pm$ 1.643 χ^2 /NDF: 31739.7/3

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

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

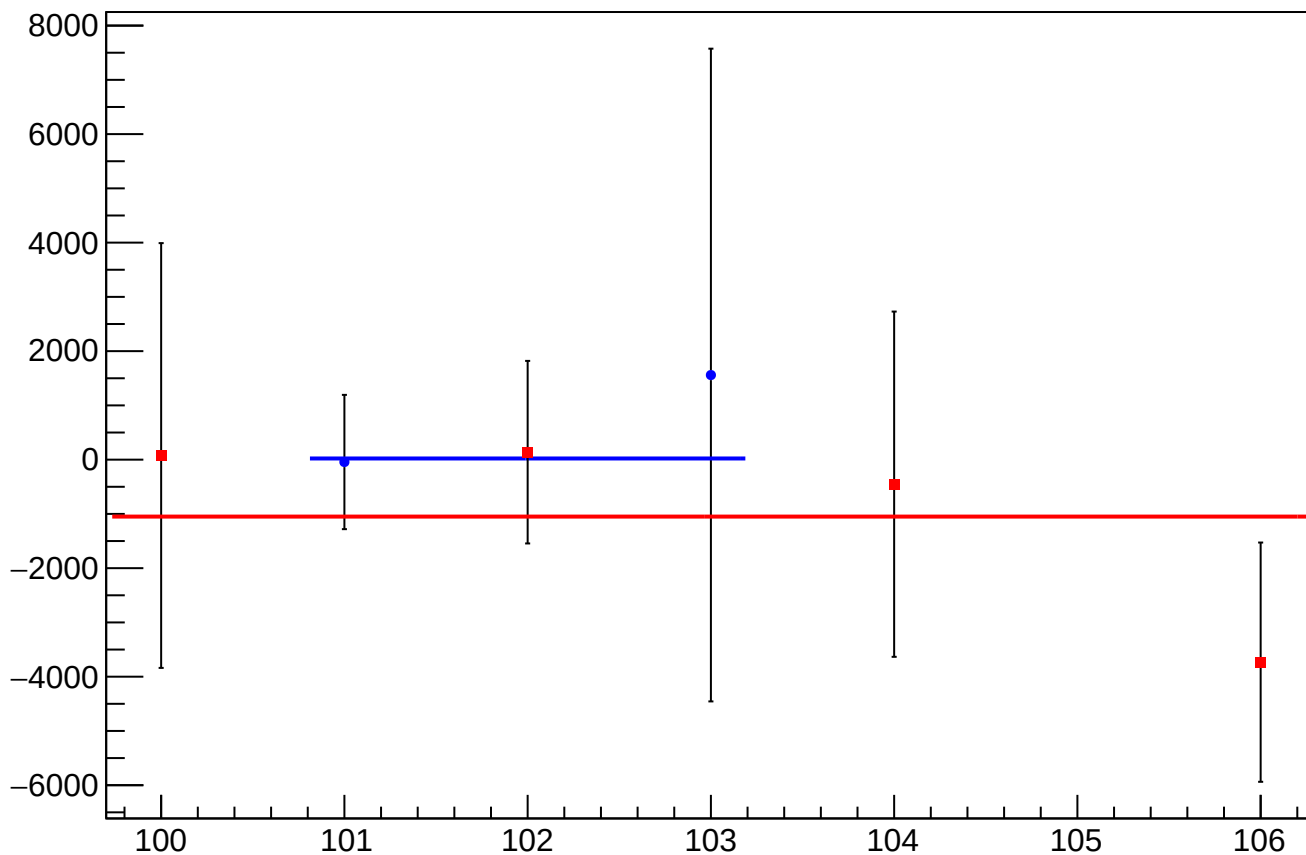
Right: 2715.735 $\pm$ 1.155 χ^2 /NDF: 51455.1/5

In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

All: 2715.735 $\pm$ 1.155 χ^2 /NDF: 51455.1/5

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: 21.617 $\pm$ 1212.072 χ^2 /NDF: 0.1/1

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

Right Out: -1049.289 $\pm$ 1175.999 χ^2 /NDF: 2.1/3

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

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

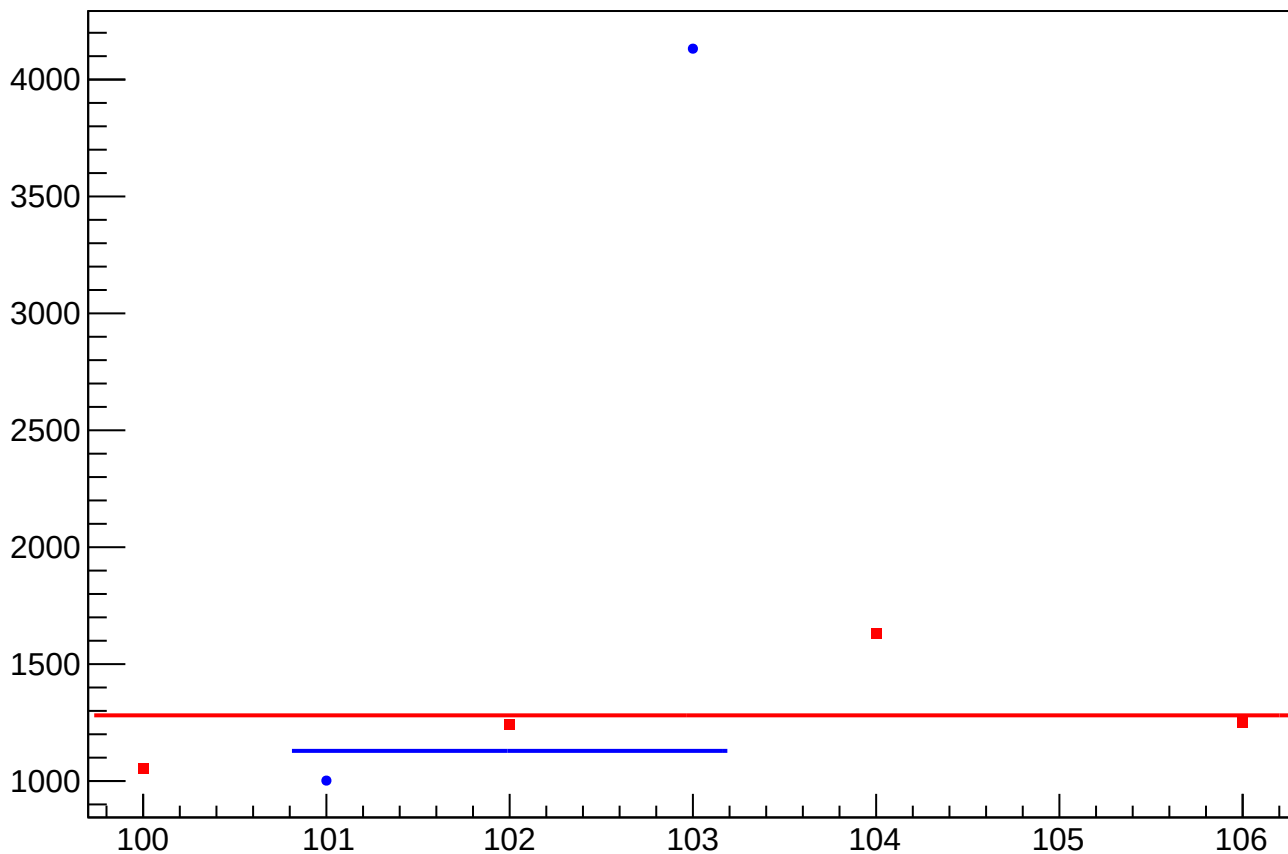
Right: -530.009 $\pm$ 844.022 χ^2 /NDF: 2.6/5

In: 21.617 $\pm$ 1212.072 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -530.009 $\pm$ 844.022 χ^2 /NDF: 2.6/5

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1129.009 ± 0.857 χ^2/NDF : 519593.4/1

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

Right Out: 1280.947 ± 0.832 χ^2/NDF : 32065.1/3

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

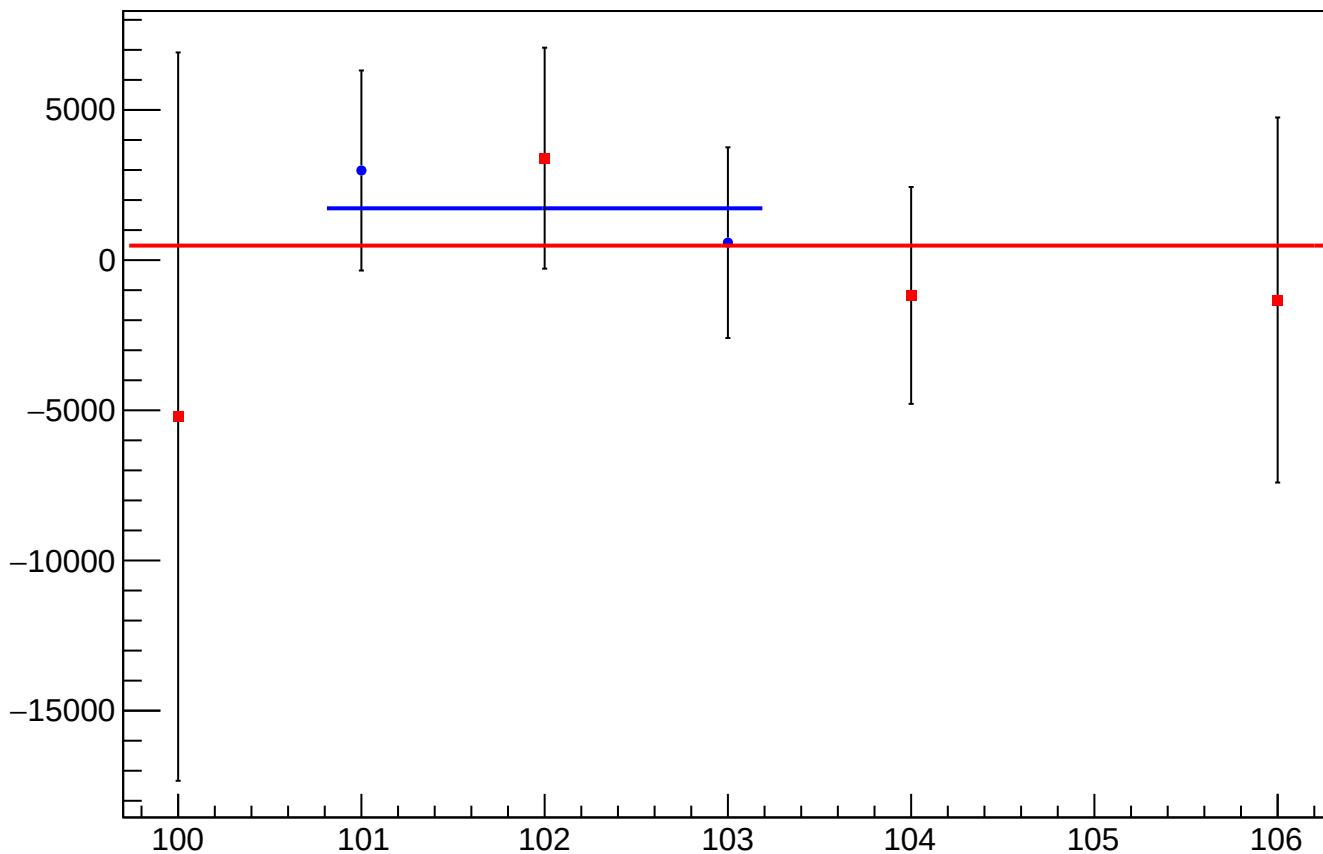
Right: 1207.272 ± 0.597 χ^2/NDF : 567846.7/5

In: 1129.009 ± 0.857 χ^2/NDF : 519593.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1207.272 ± 0.597 χ^2/NDF : 567846.7/5

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1725.156+/-2297.694 χ^2/NDF : 0.3/1

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

Right Out: 483.677+/-2328.117 χ^2/NDF : 1.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

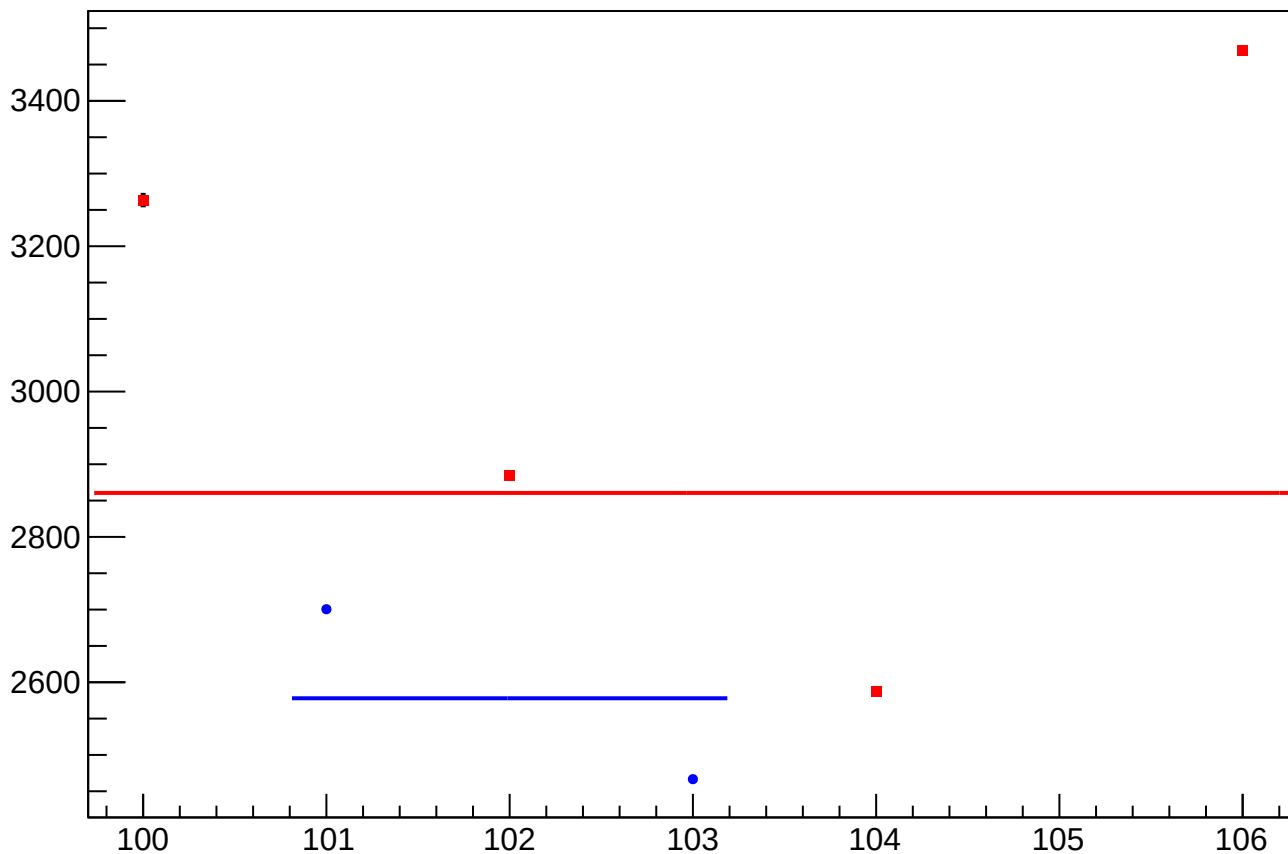
Right: 1112.581+/-1635.365 χ^2/NDF : 1.6/5

In: 1725.156+/-2297.694 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.581+/-1635.365 χ^2/NDF : 1.6/5

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

Right Out: 2860.522 $\pm$ 1.646 χ^2 /NDF: 33776.9/3

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

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

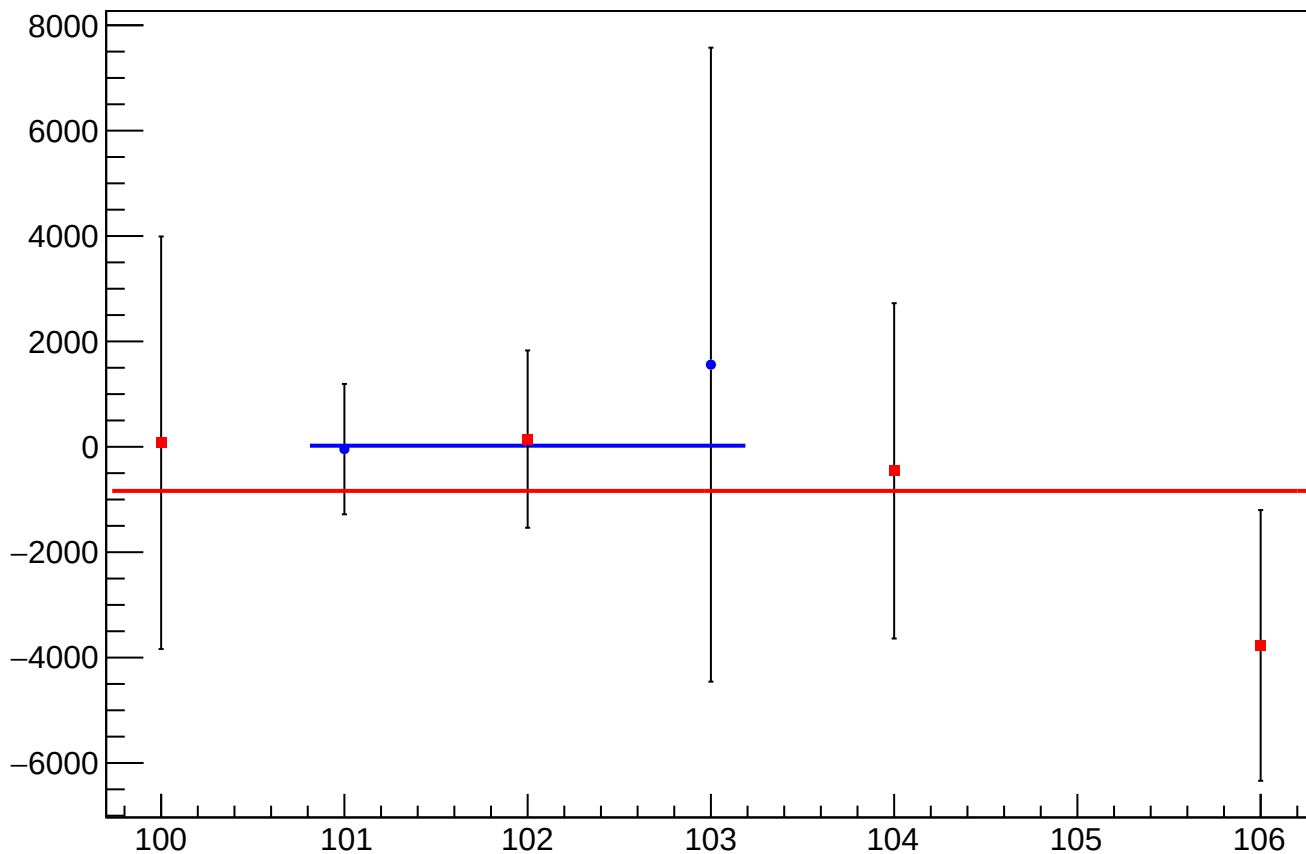
Right: 2717.385 $\pm$ 1.156 χ^2 /NDF: 53868.4/5

In: 2577.964 $\pm$ 1.625 χ^2 /NDF: 5167.7/1

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

All: 2717.385 $\pm$ 1.156 χ^2 /NDF: 53868.4/5

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

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

Right Out: -836.504+/-1222.676 χ^2/NDF : 1.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

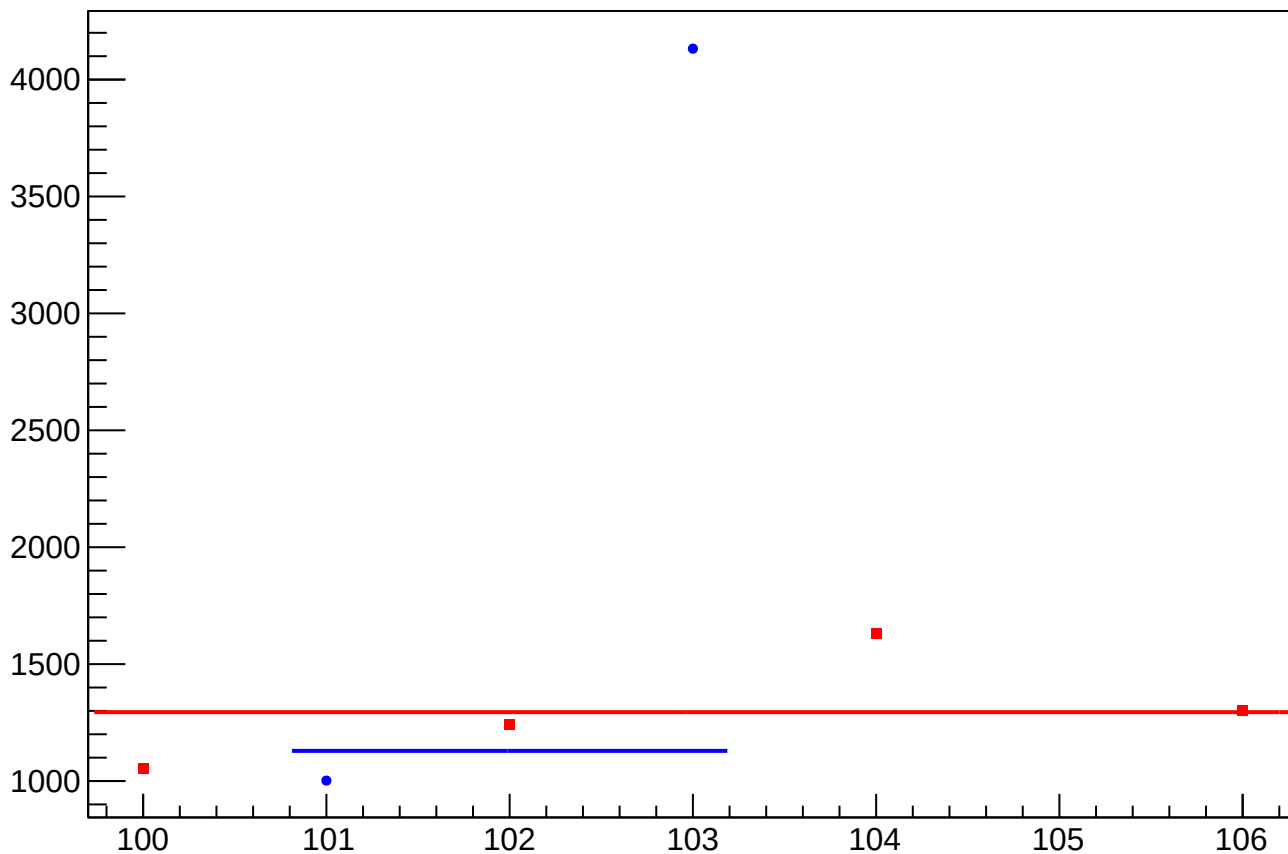
Right: -403.845+/-860.786 χ^2/NDF : 2.0/5

In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.845+/-860.786 χ^2/NDF : 2.0/5

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1128.992 $\pm$ 0.857 χ^2 /NDF: 519590.8/1

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

Right Out: 1294.526 $\pm$ 0.865 χ^2 /NDF: 31544.8/3

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

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

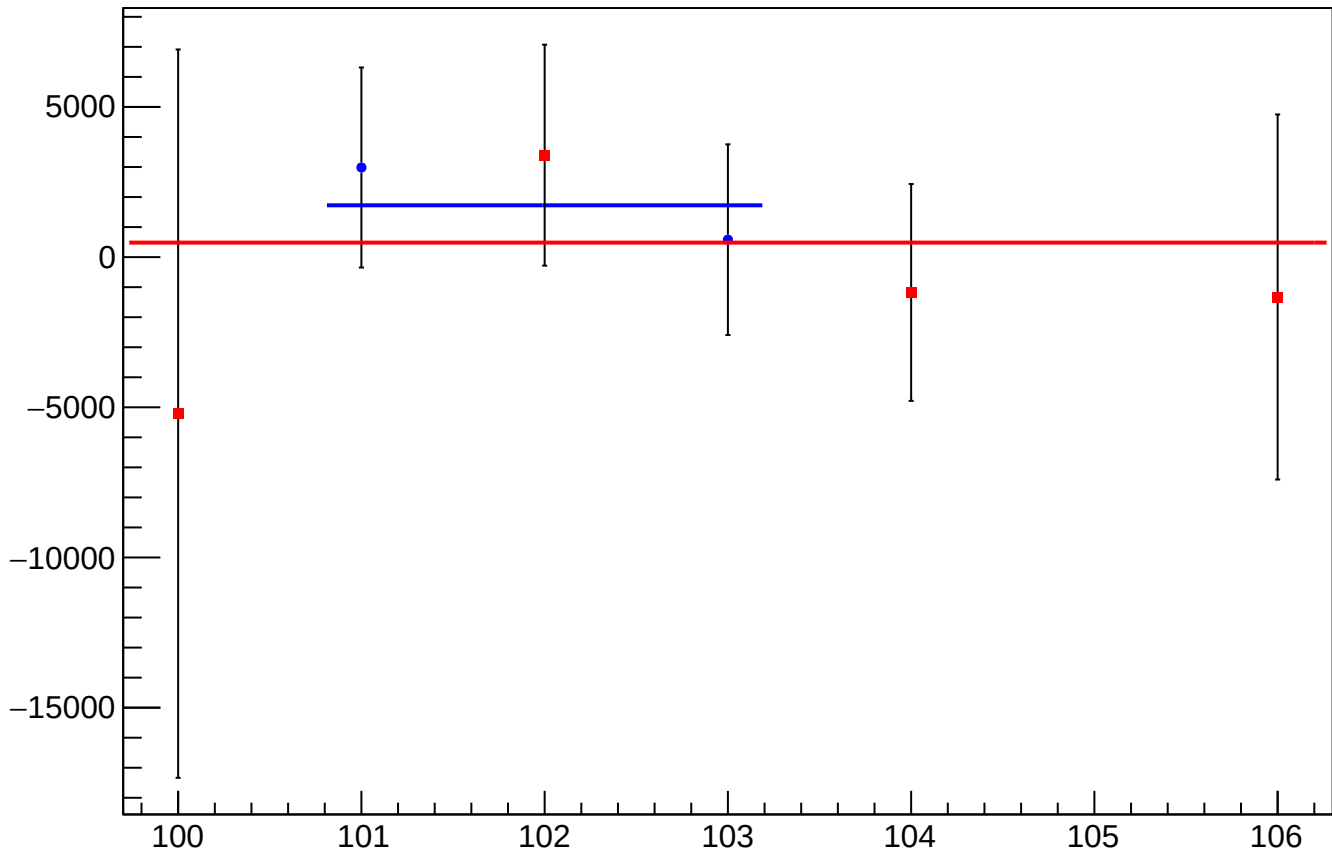
Right: 1211.037 $\pm$ 0.609 χ^2 /NDF: 569624.9/5

In: 1128.992 $\pm$ 0.857 χ^2 /NDF:519590.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1211.037 $\pm$ 0.609 χ^2 /NDF: 569624.9/5

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1725.156+/-2297.694 χ^2/NDF : 0.3/1

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

Right Out: 483.677+/-2328.117 χ^2/NDF : 1.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

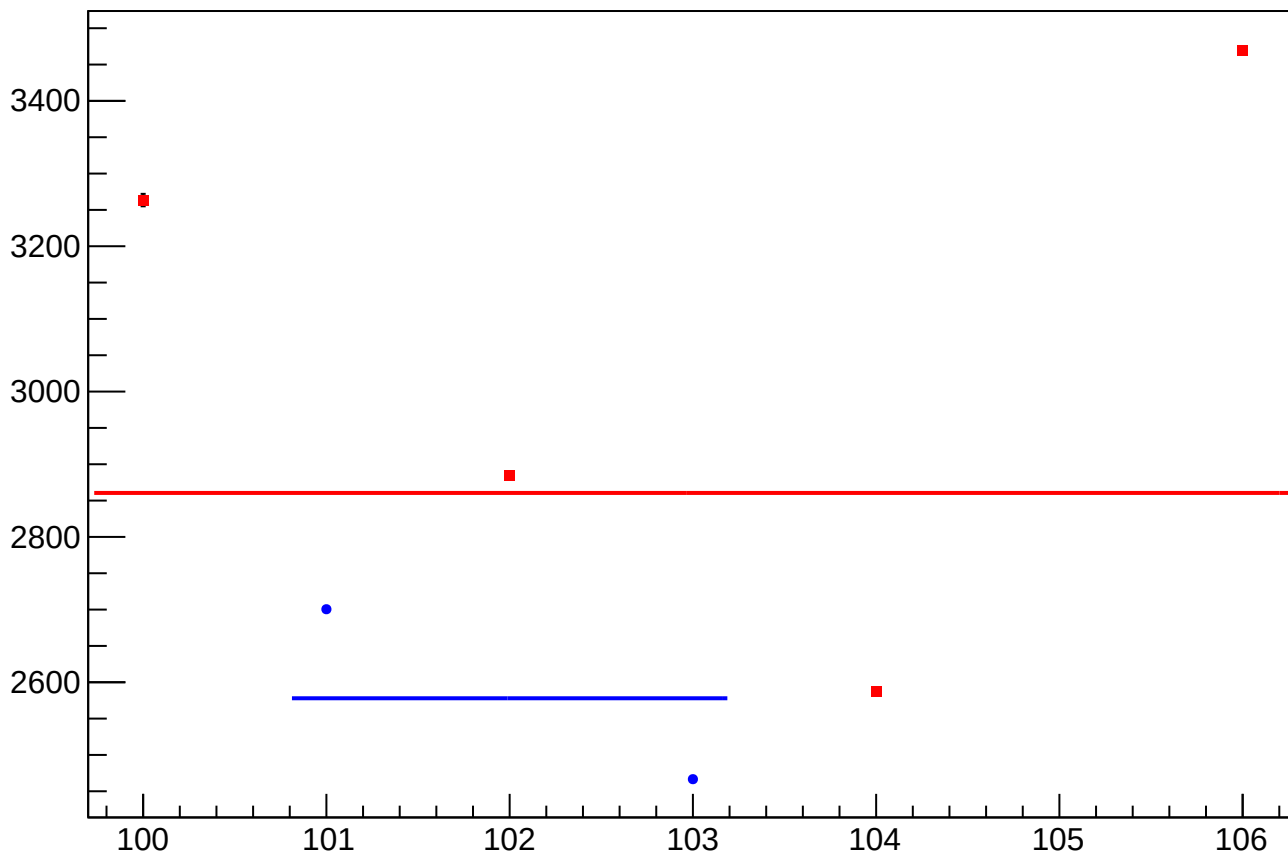
Right: 1112.581+/-1635.365 χ^2/NDF : 1.6/5

In: 1725.156+/-2297.694 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1112.581+/-1635.365 χ^2/NDF : 1.6/5

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2577.964+/-1.625 χ^2/NDF : 5167.7/1

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

Right Out: 2860.522+/-1.646 χ^2/NDF : 33776.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

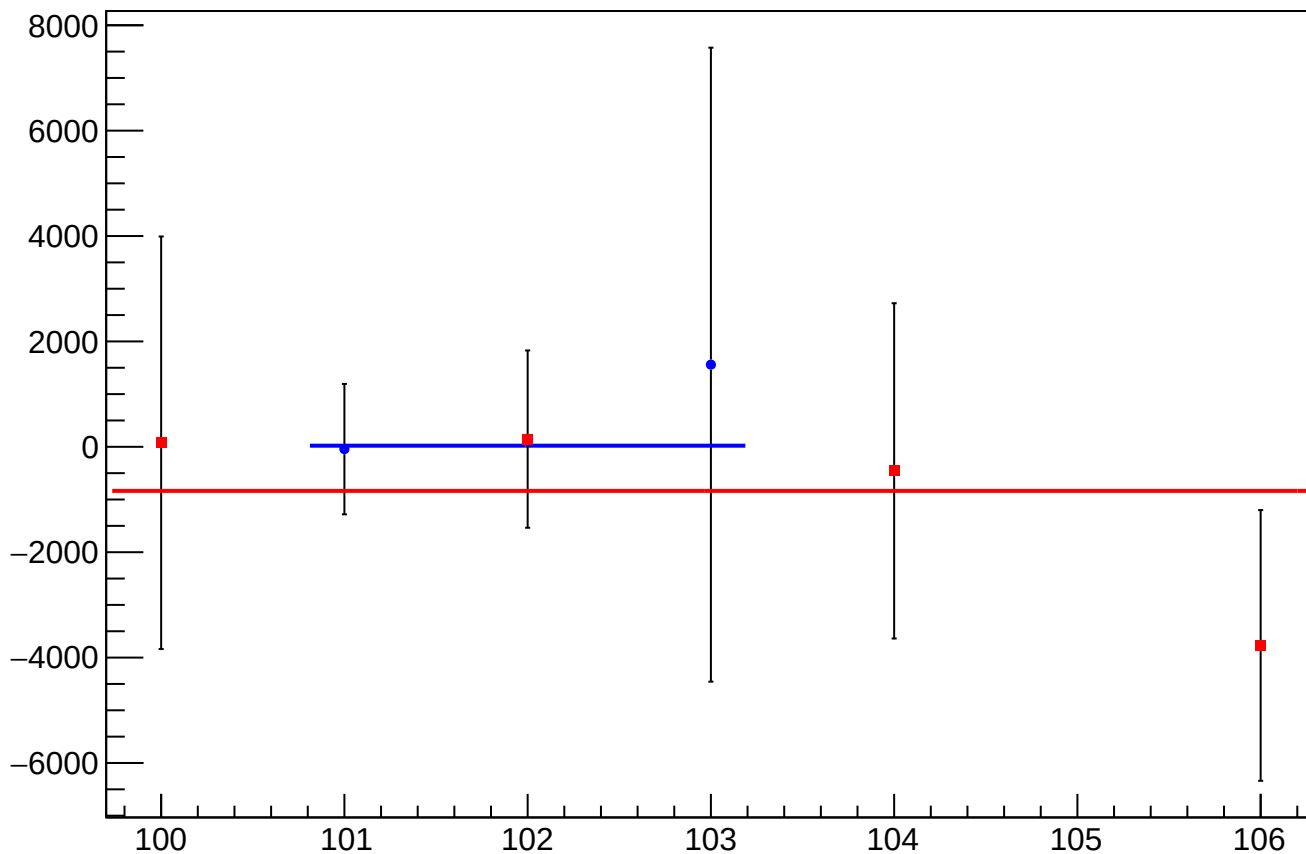
Right: 2717.385+/-1.156 χ^2/NDF : 53868.4/5

In: 2577.964+/-1.625 χ^2/NDF : 5167.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2717.385+/-1.156 χ^2/NDF : 53868.4/5

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

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

Right Out: -836.504+/-1222.676 χ^2/NDF : 1.7/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

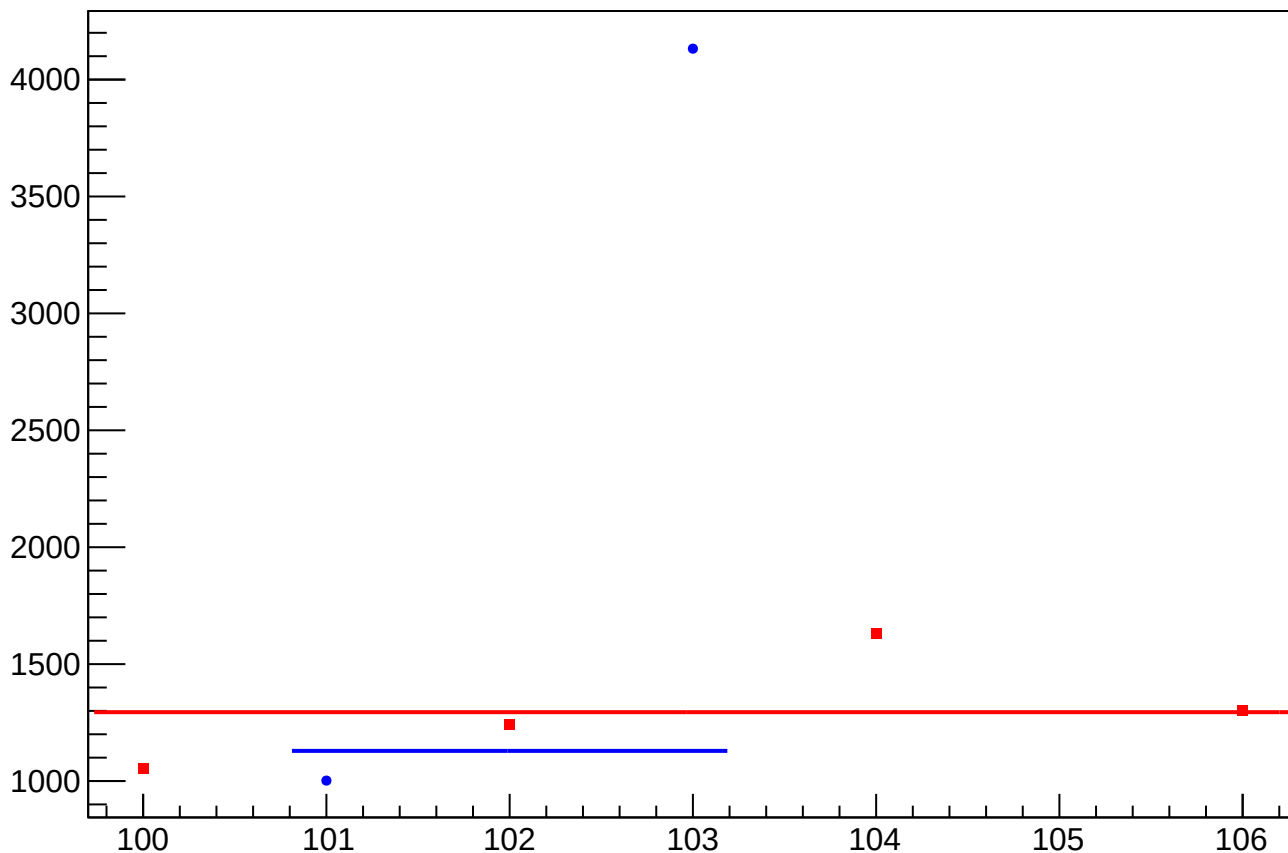
Right: -403.845+/-860.786 χ^2/NDF : 2.0/5

In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.845+/-860.786 χ^2/NDF : 2.0/5

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1128.992+/-0.857 χ^2/NDF : 519590.8/1

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

Right Out: 1294.526+/-0.865 χ^2/NDF : 31544.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

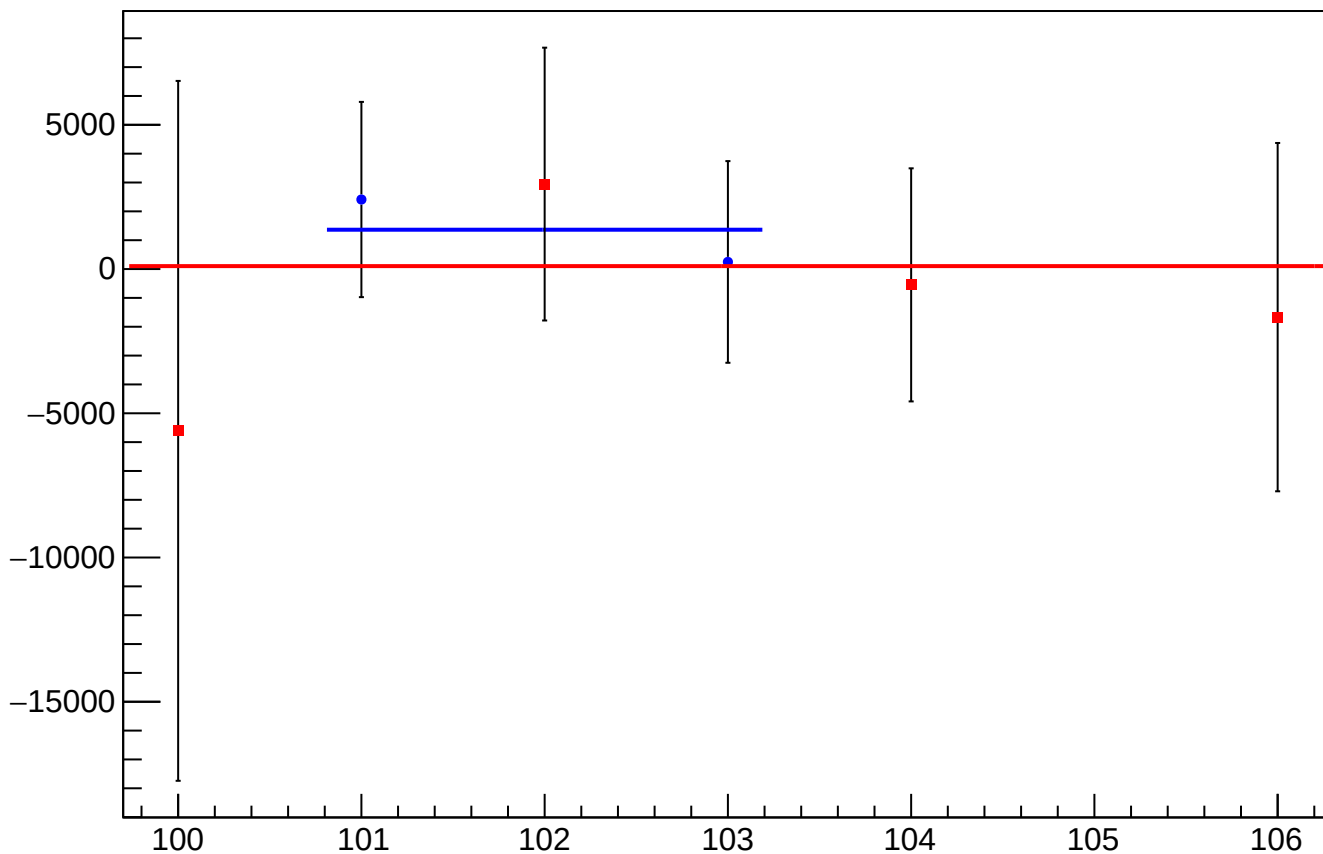
Right: 1211.037+/-0.609 χ^2/NDF : 569624.9/5

In: 1128.992+/-0.857 χ^2/NDF : 519590.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.037+/-0.609 χ^2/NDF : 569624.9/5

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1363.404 $\pm$ 2431.436 χ^2 /NDF: 0.2/1

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

Right Out: 101.815 $\pm$ 2670.587 χ^2 /NDF: 0.7/3

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

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

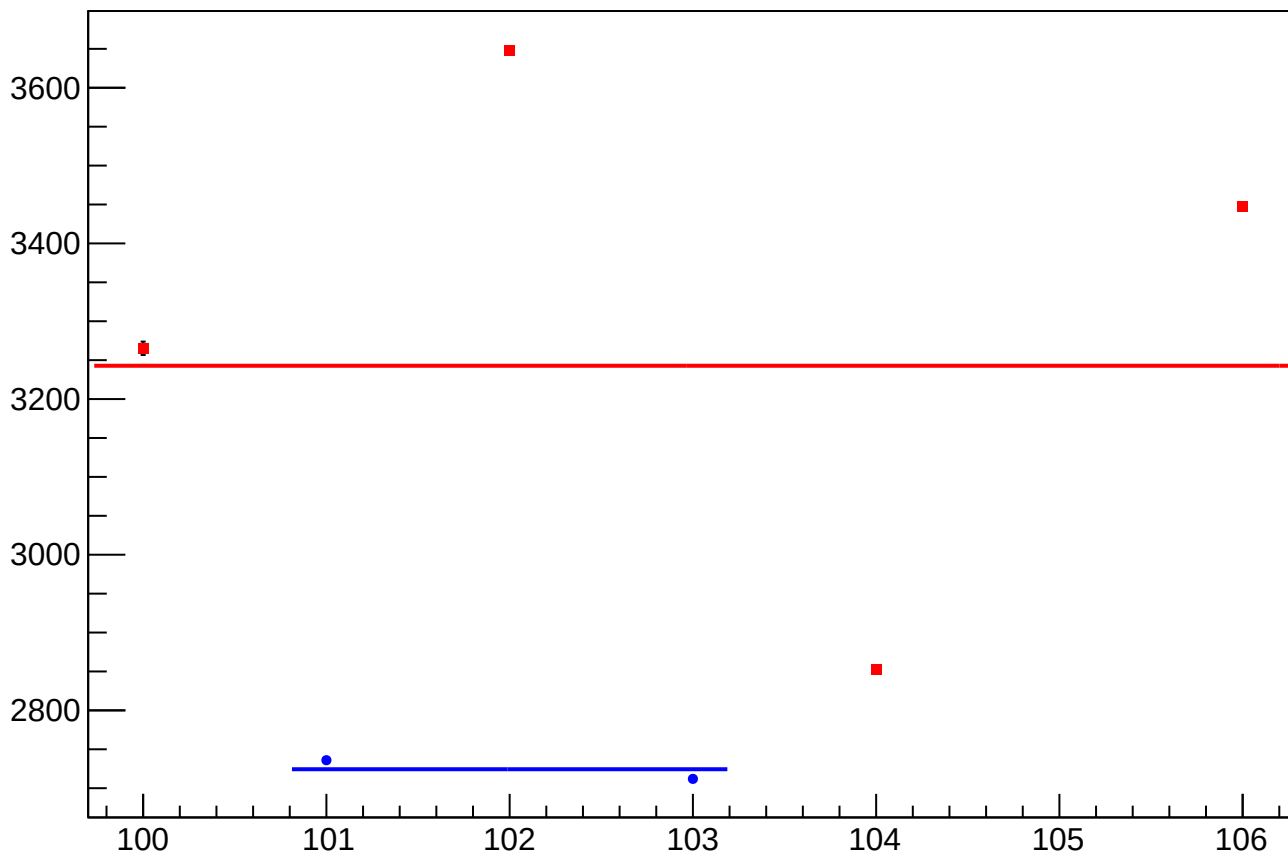
Right: 791.616 $\pm$ 1797.900 χ^2 /NDF: 1.0/5

In: 1363.404 $\pm$ 2431.436 χ^2 /NDF: 0.2/1

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

All: 791.616 $\pm$ 1797.900 χ^2 /NDF: 1.0/5

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.365+/-1.719 χ^2/NDF : 48.6/1

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

Right Out: 3242.811+/-1.888 χ^2/NDF : 35597.4/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

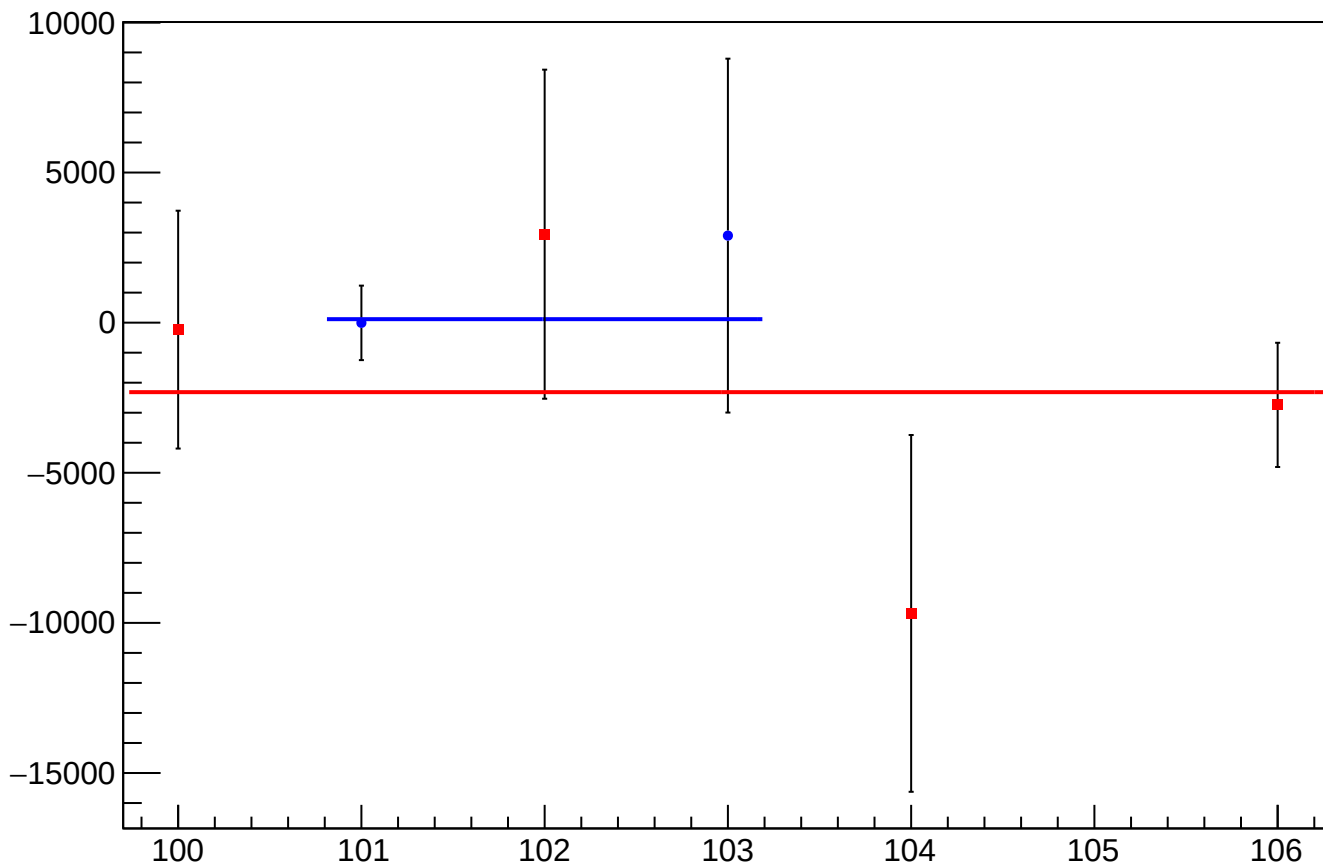
Right: 2959.340+/-1.271 χ^2/NDF : 76858.6/5

In: 2724.365+/-1.719 χ^2/NDF : 48.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2959.340+/-1.271 χ^2/NDF : 76858.6/5

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.156+/-1213.805 χ^2/NDF : 0.2/1

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

Right Out: -2314.685+/-1668.995 χ^2/NDF : 2.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

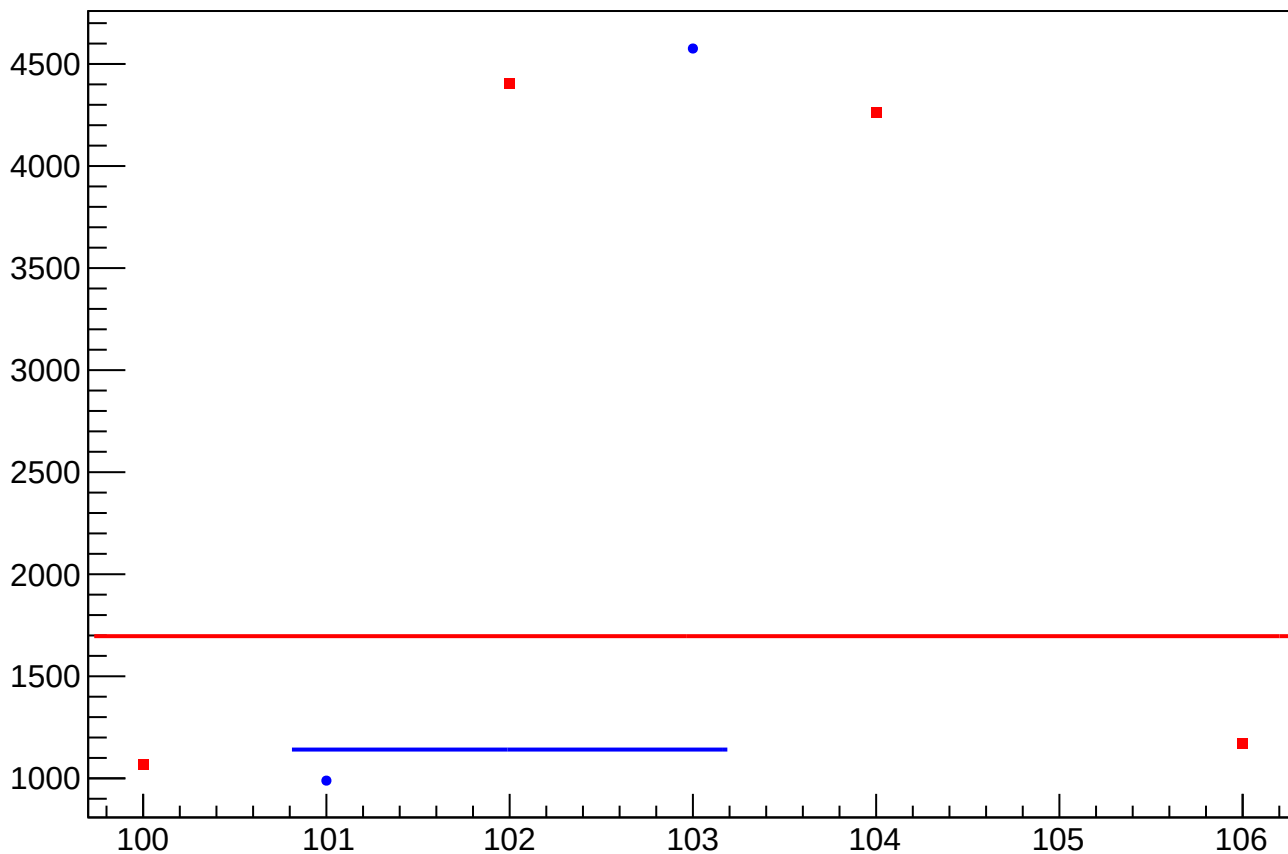
Right: -724.775+/-981.651 χ^2/NDF : 4.4/5

In: 116.156+/-1213.805 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -724.775+/-981.651 χ^2/NDF : 4.4/5

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1141.002 $\pm$ 0.858 χ^2 /NDF: 709400.7/1

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

Right Out: 1696.608 $\pm$ 1.180 χ^2 /NDF: 1040620.0/3

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

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

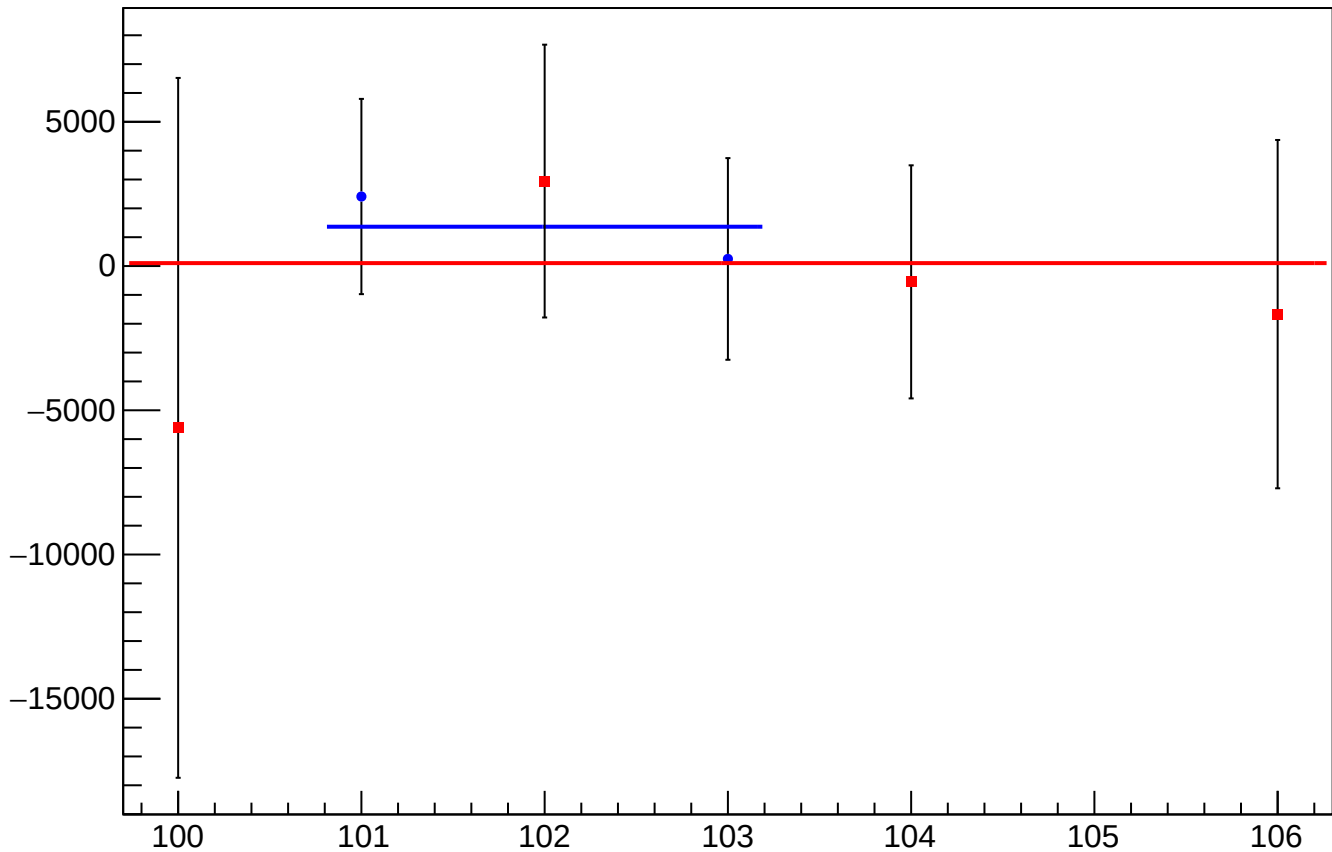
Right: 1333.210 $\pm$ 0.694 χ^2 /NDF: 1894987.4/5

In: 1141.002 $\pm$ 0.858 χ^2 /NDF: 709400.7/1

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

All: 1333.210 $\pm$ 0.694 χ^2 /NDF: 1894987.4/5

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1363.392+/-2431.434 χ^2 /NDF: 0.2/1

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

Right Out: 101.805+/-2670.584 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

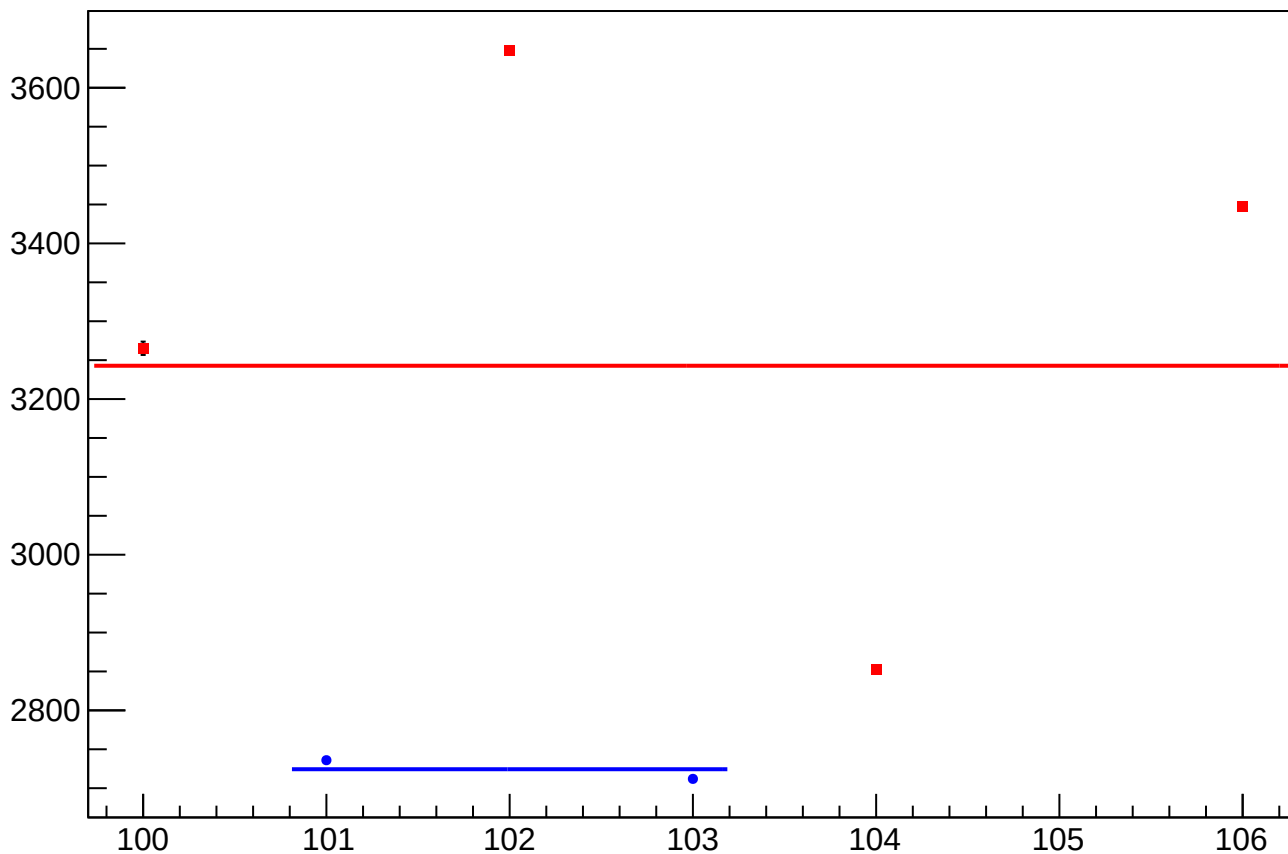
Right: 791.604+/-1797.898 χ^2 /NDF: 1.0/5

In: 1363.392+/-2431.434 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 791.604+/-1797.898 χ^2 /NDF: 1.0/5

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.362+/-1.719 χ^2/NDF : 48.7/1

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

Right Out: 3242.807+/-1.888 χ^2/NDF : 35597.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

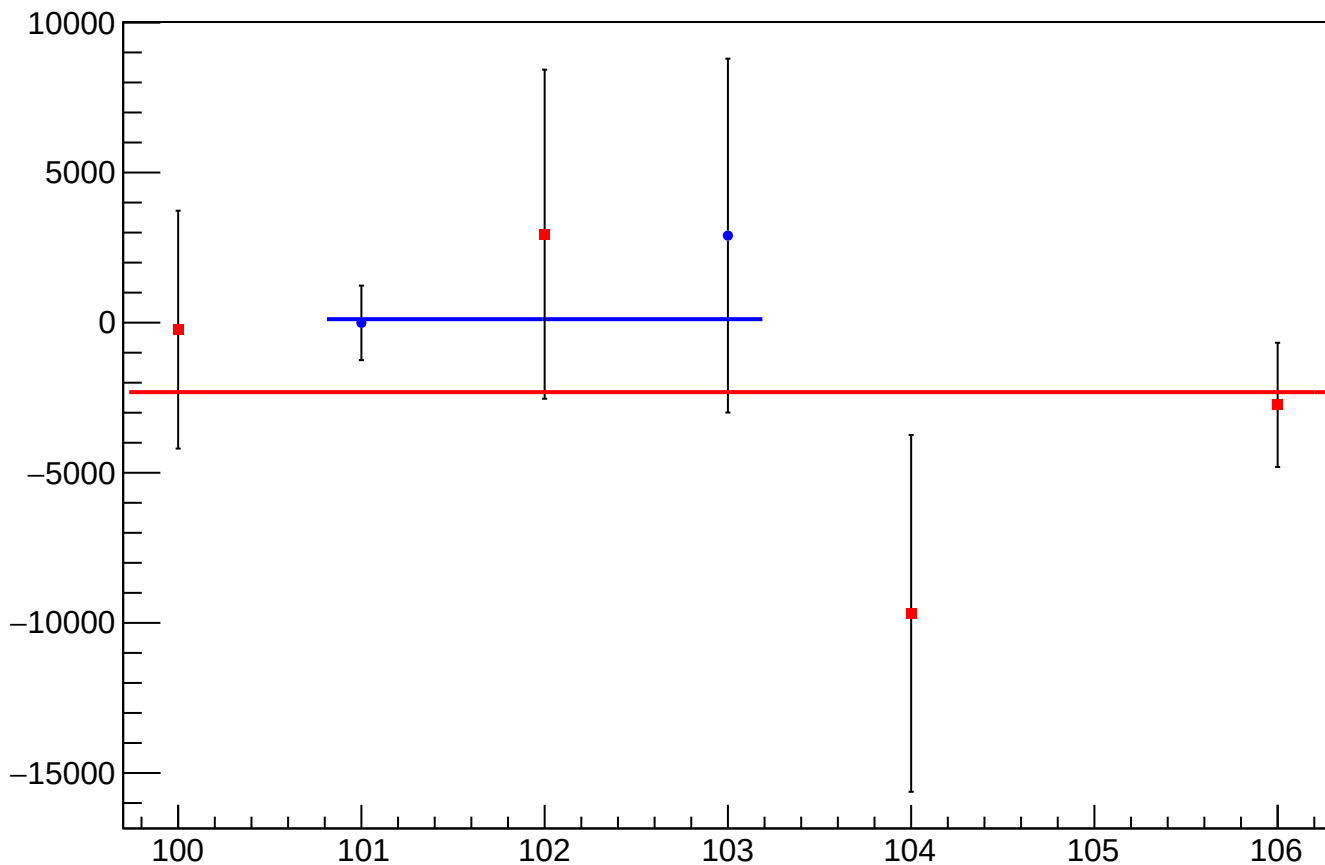
Right: 2959.337+/-1.271 χ^2/NDF : 76859.0/5

In: 2724.362+/-1.719 χ^2/NDF : 48.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2959.337+/-1.271 χ^2/NDF : 76859.0/5

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 116.149+/-1213.806 χ^2/NDF : 0.2/1

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

Right Out: -2314.680+/-1668.995 χ^2/NDF : 2.8/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

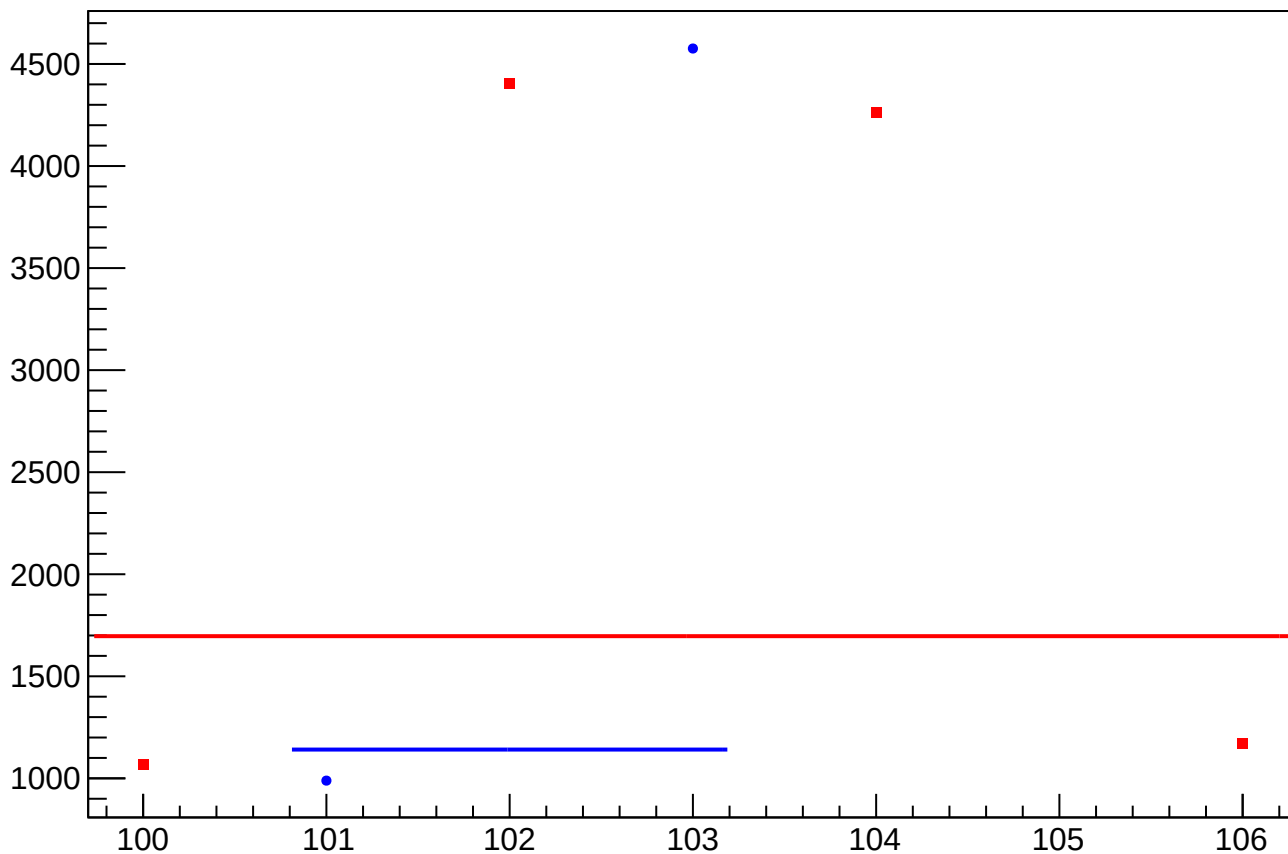
Right: -724.779+/-981.651 χ^2/NDF : 4.4/5

In: 116.149+/-1213.806 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -724.779+/-981.651 χ^2/NDF : 4.4/5

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1141.003+/-0.858 χ^2/NDF : 709401.5/1

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

Right Out: 1696.606+/-1.180 χ^2/NDF : 1040623.3/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

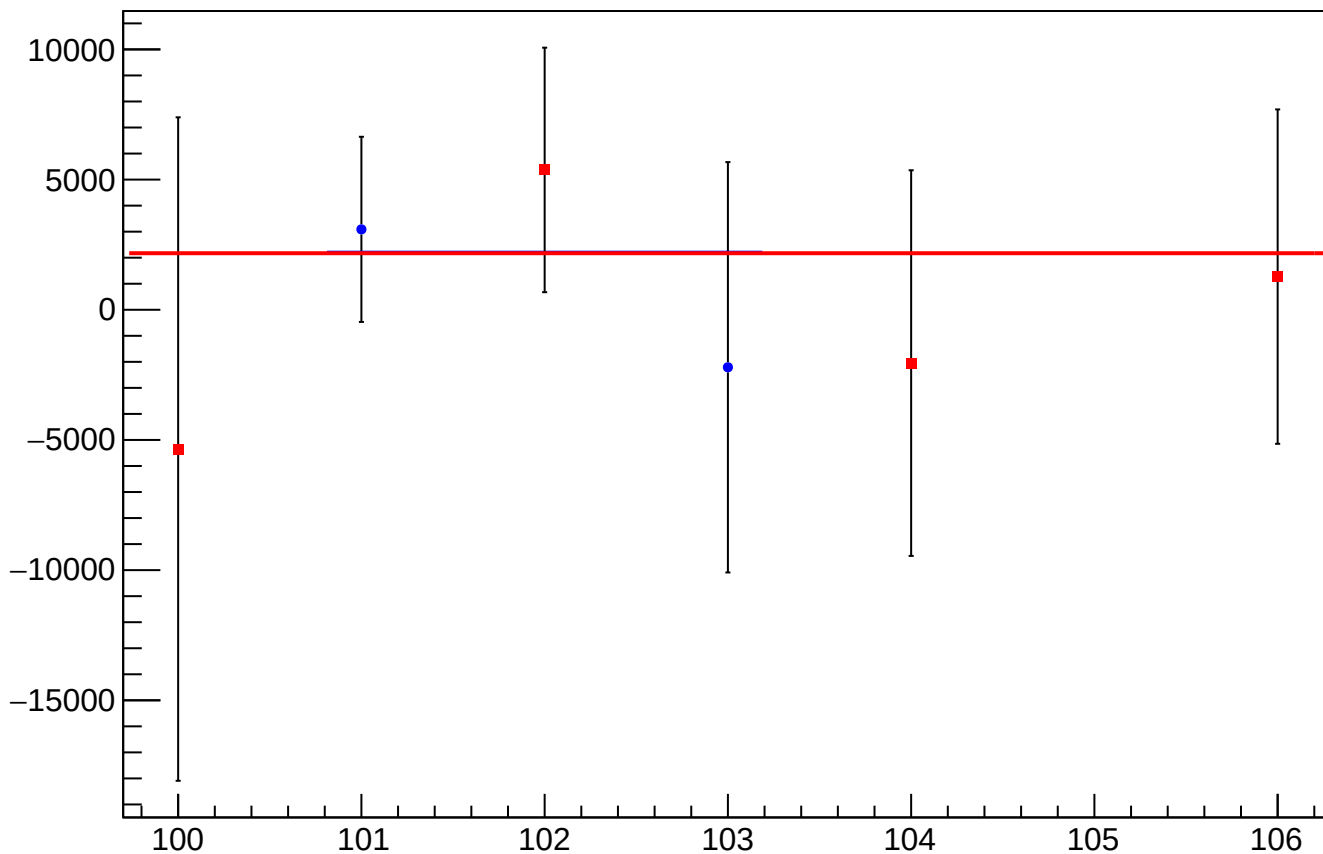
Right: 1333.210+/-0.694 χ^2/NDF : 1894990.4/5

In: 1141.003+/-0.858 χ^2/NDF : 709401.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.210+/-0.694 χ^2/NDF : 1894990.4/5

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2192.318+/-3241.090 χ^2/NDF : 0.4/1

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

Right Out: 2172.129+/-3261.848 χ^2/NDF : 1.2/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

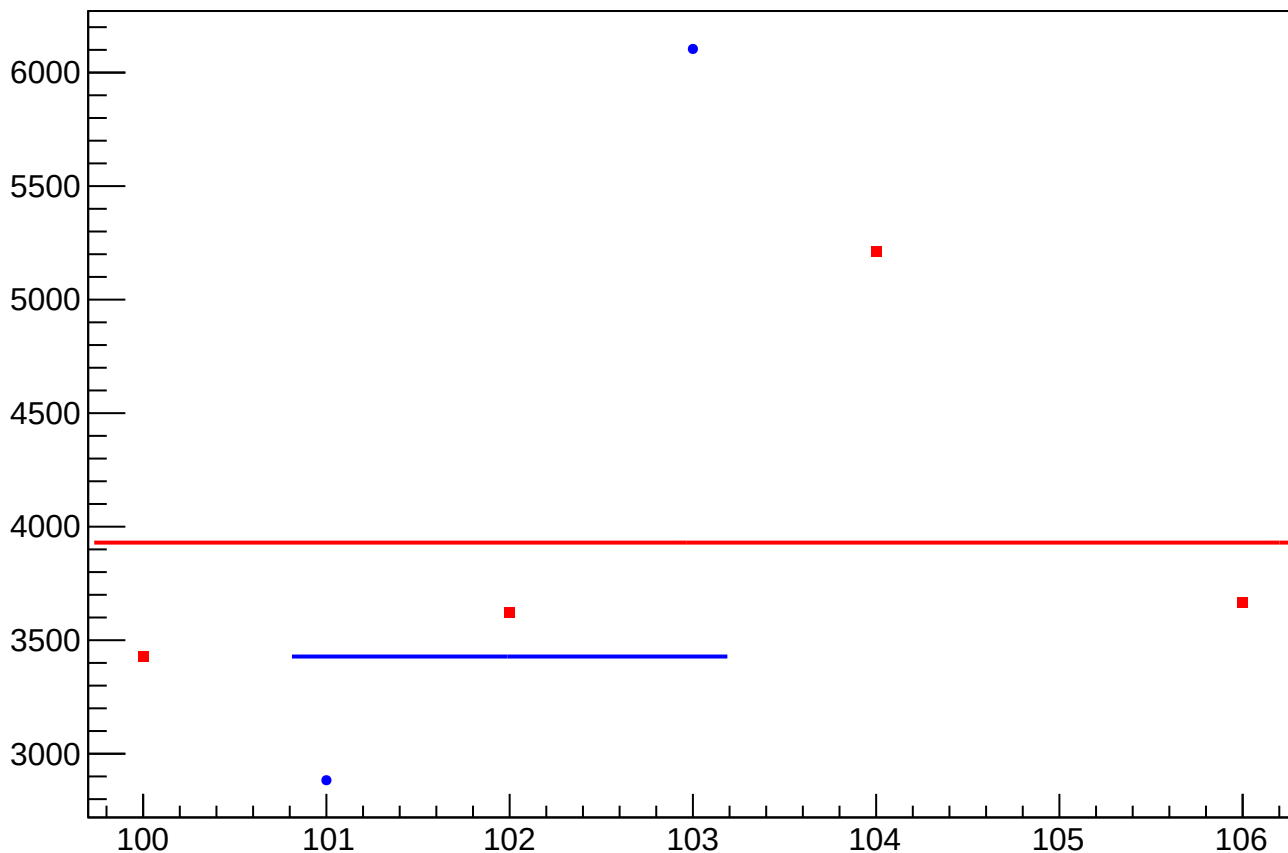
Right: 2182.288+/-2299.101 χ^2/NDF : 1.5/5

In: 2192.318+/-3241.090 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.288+/-2299.101 χ^2/NDF : 1.5/5

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3428.120+/-2.292 χ^2/NDF : 277558.5/1

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

Right Out: 3929.939+/-2.306 χ^2/NDF : 74786.9/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

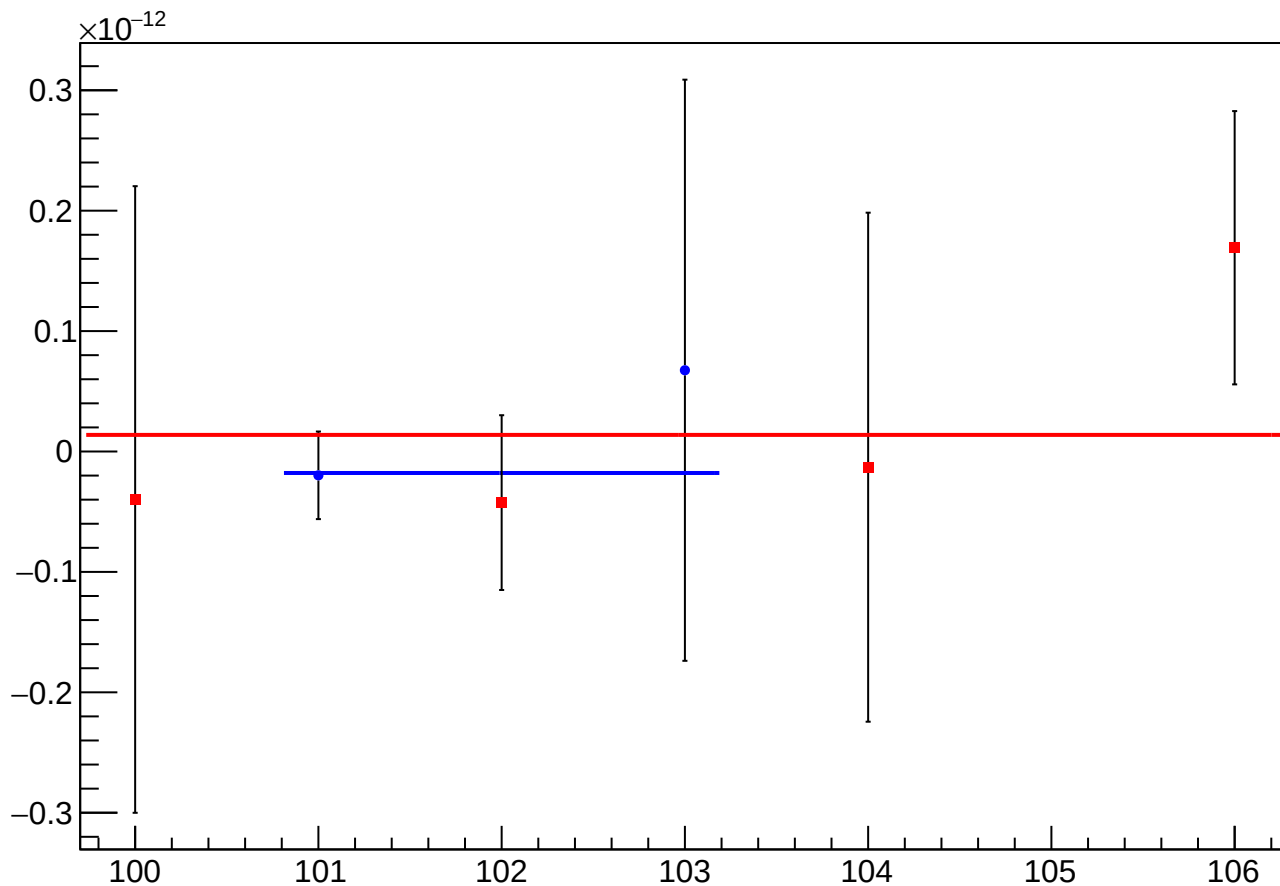
Right: 3677.428+/-1.626 χ^2/NDF : 376164.7/5

In: 3428.120+/-2.292 χ^2/NDF : 277558.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3677.428+/-1.626 χ^2/NDF : 376164.7/5

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

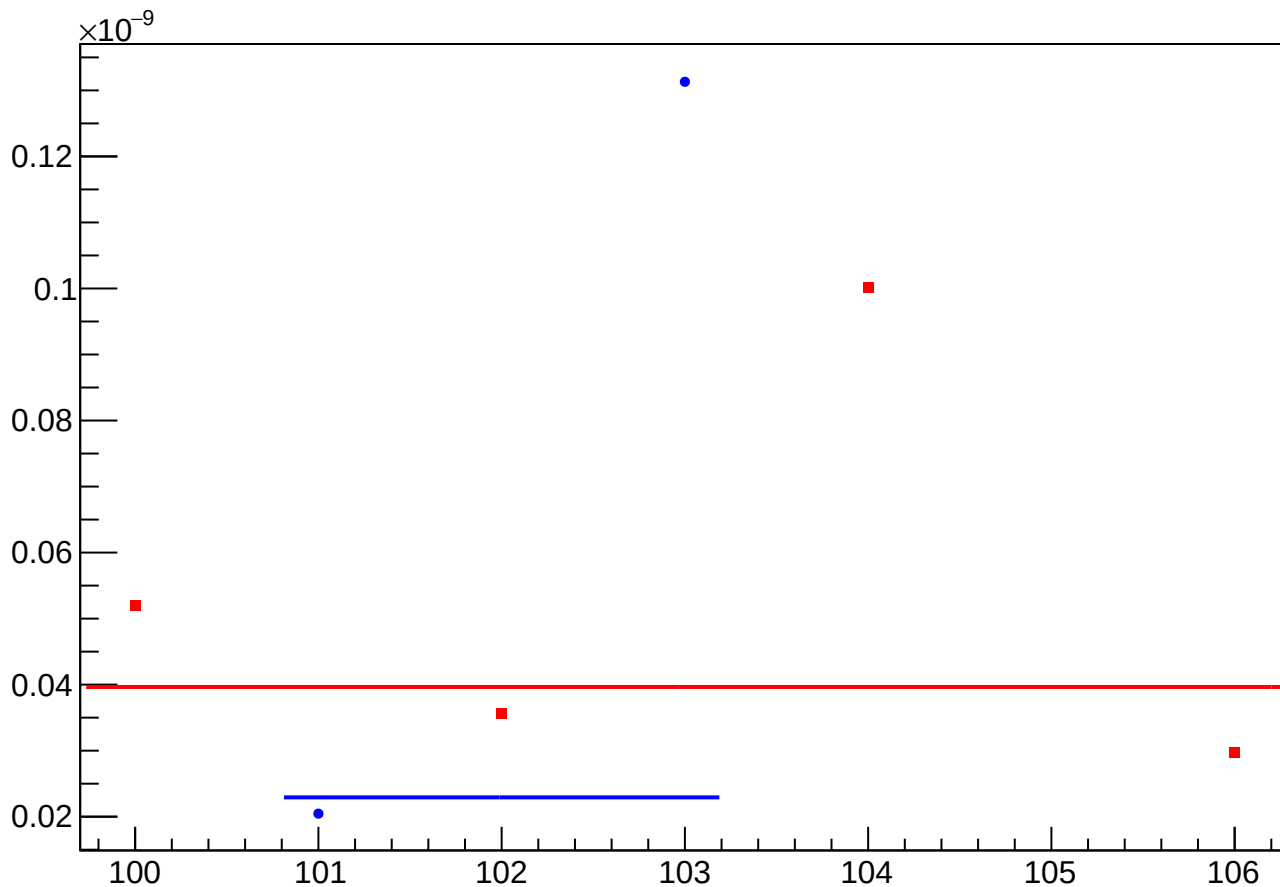
Right: -0.000+/-0.000 χ^2/NDF : 2.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.9/5

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 412544.7/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 189690.0/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

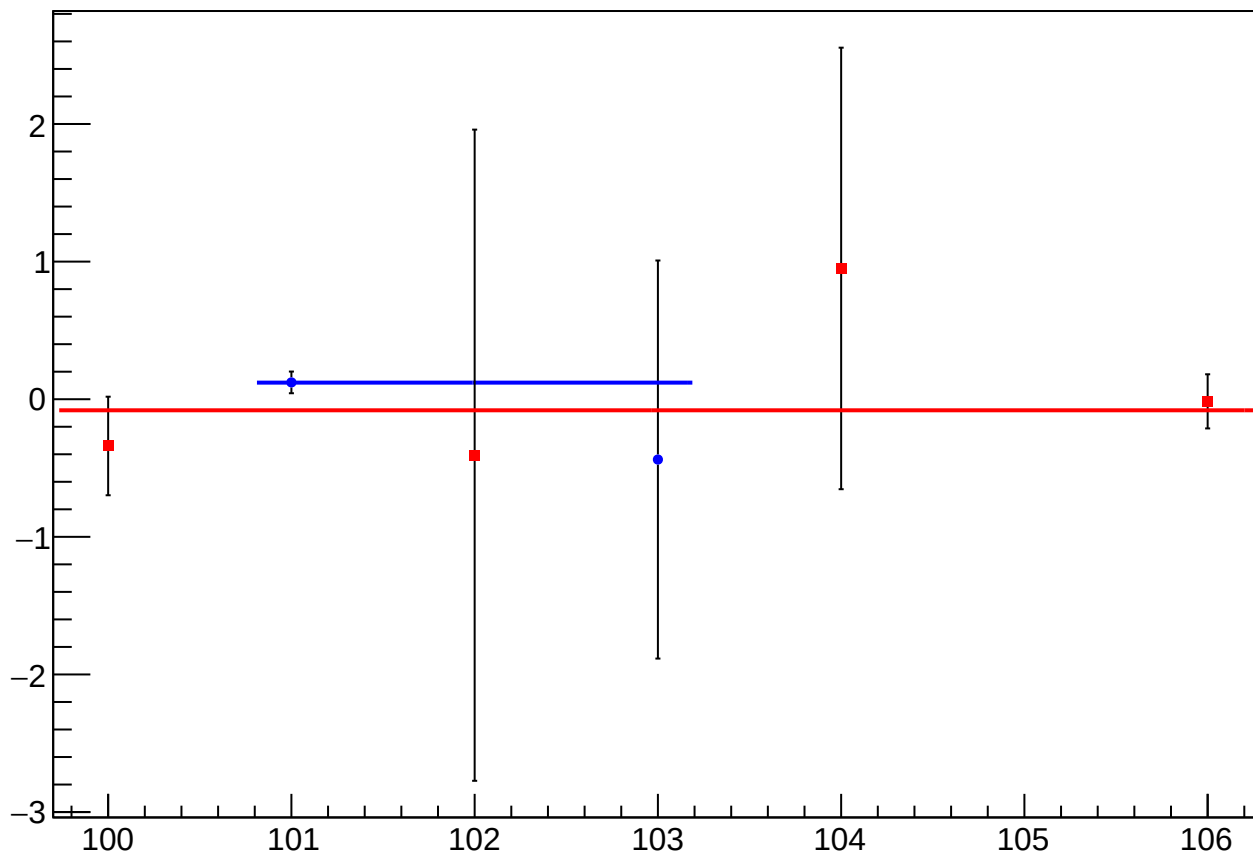
Right: 0.000+/-0.000 χ^2/NDF : 724418.4/5

In: 0.000+/-0.000 χ^2/NDF : 412544.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 724418.4/5

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

Right Out: -0.080+/-0.171 χ^2/NDF : 1.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

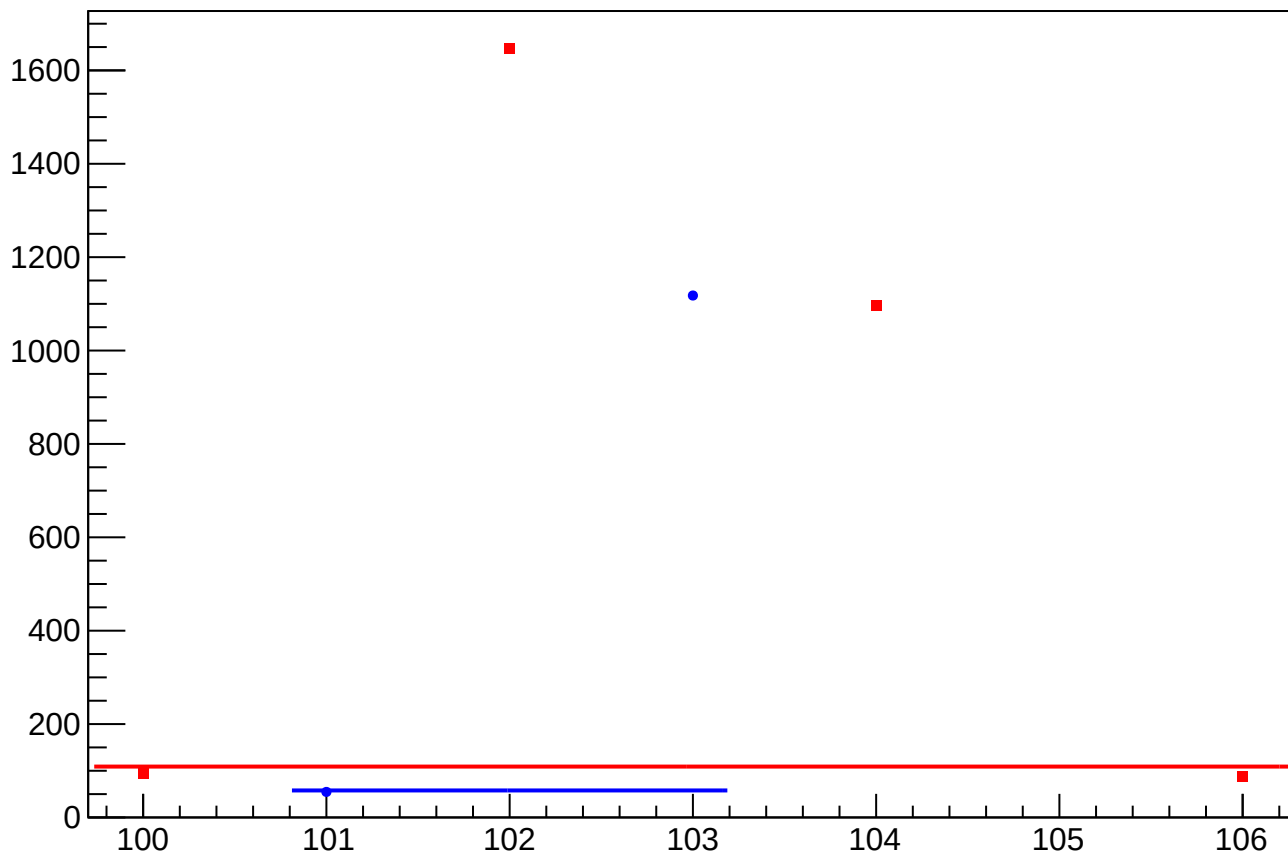
Right: 0.085+/-0.071 χ^2/NDF : 2.4/5

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.071 χ^2/NDF : 2.4/5

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

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

Right Out: 108.964+/-0.121 χ^2/NDF : 1628690.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

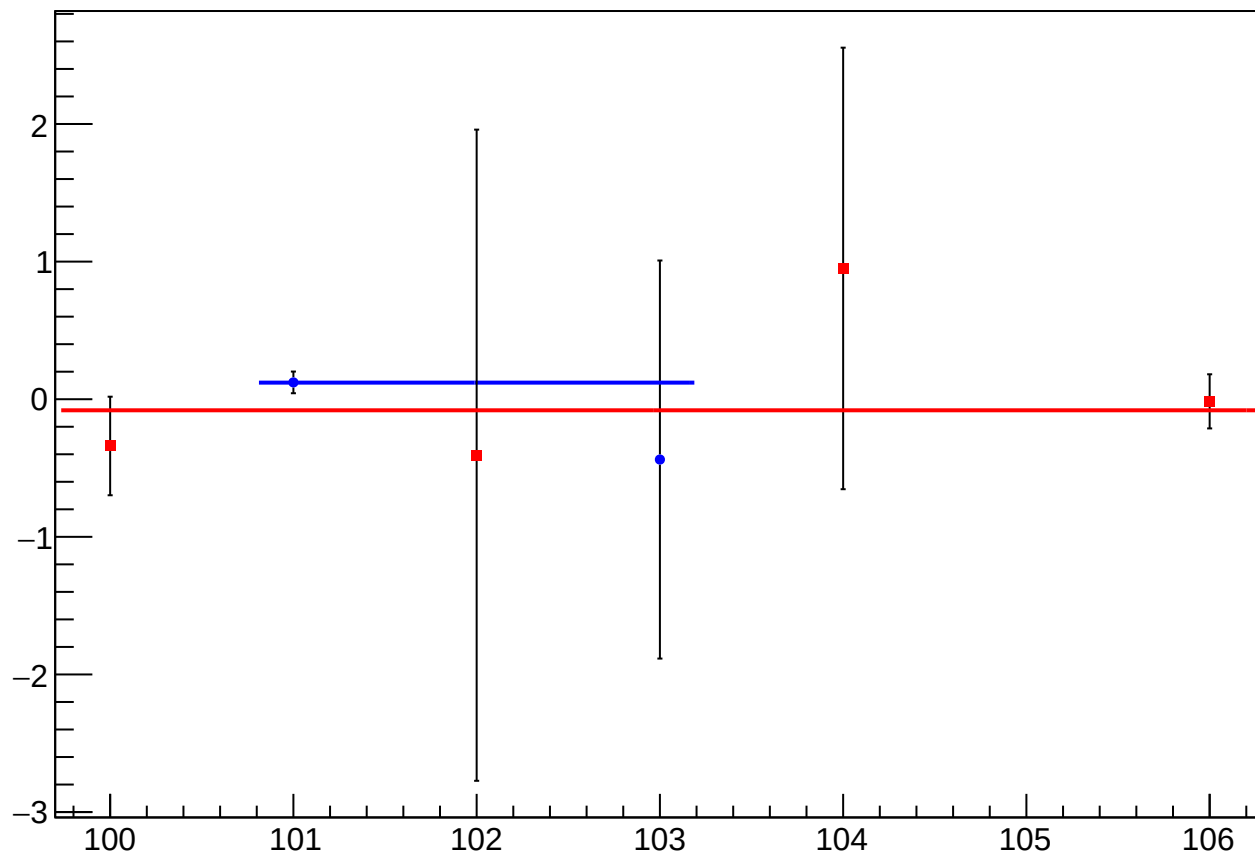
Right: 66.775+/-0.051 χ^2/NDF : 2853757.2/5

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.775+/-0.051 χ^2/NDF : 2853757.2/5

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

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

Right Out: -0.080+/-0.171 χ^2/NDF : 1.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

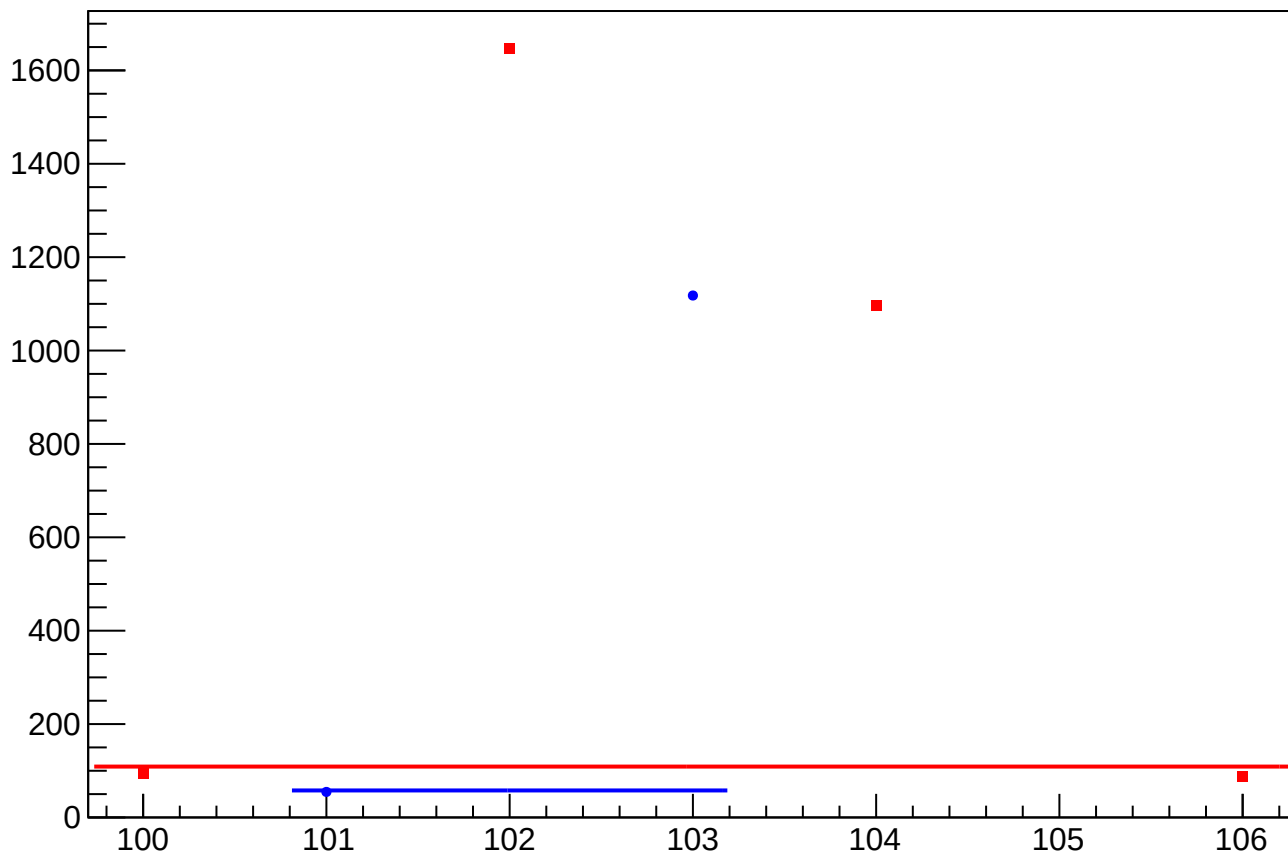
Right: 0.085+/-0.071 χ^2/NDF : 2.4/5

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.071 χ^2/NDF : 2.4/5

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

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

Right Out: 108.964+/-0.121 χ^2/NDF : 1628690.1/3

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

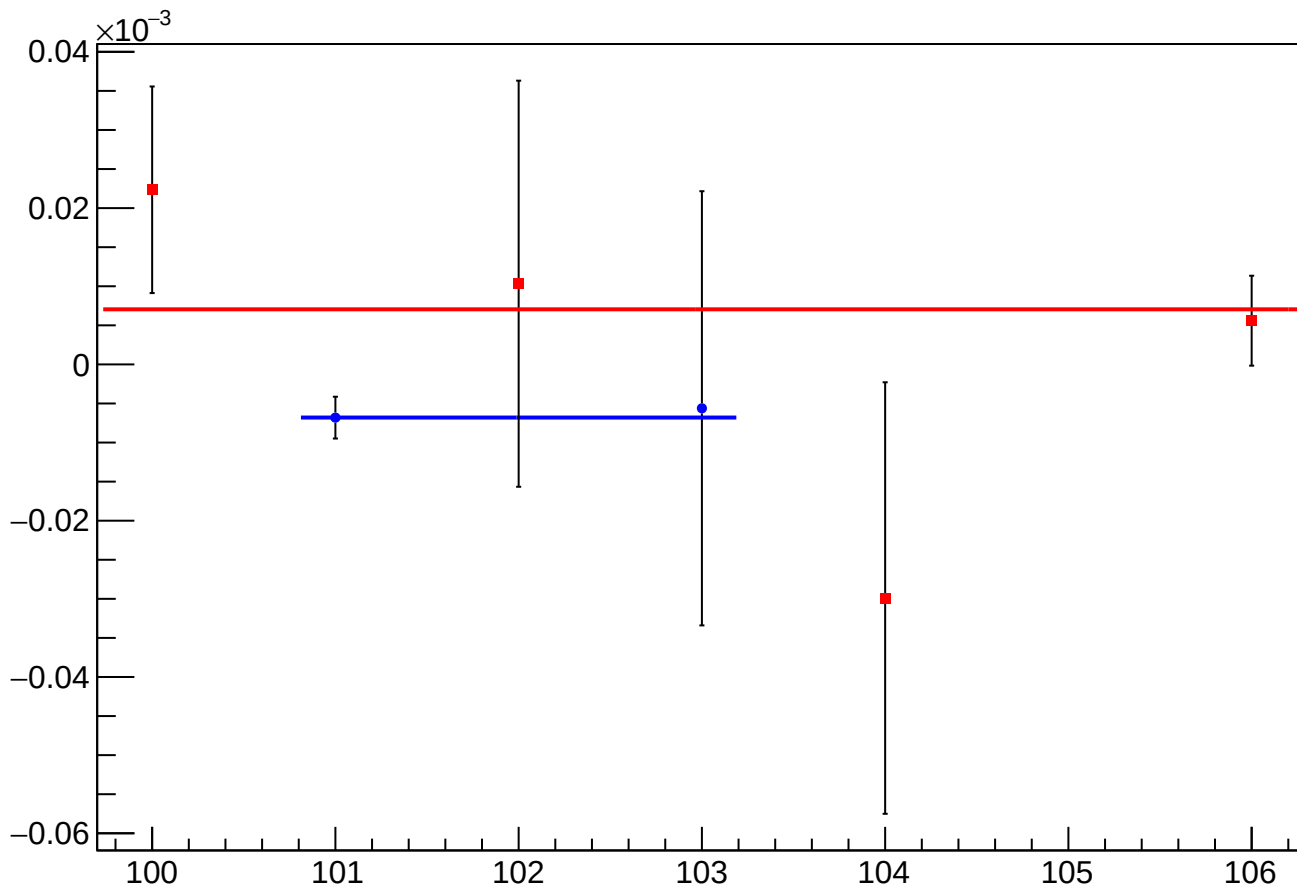
Right: 66.775+/-0.051 χ^2/NDF : 2853757.2/5

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.775+/-0.051 χ^2/NDF : 2853757.2/5

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

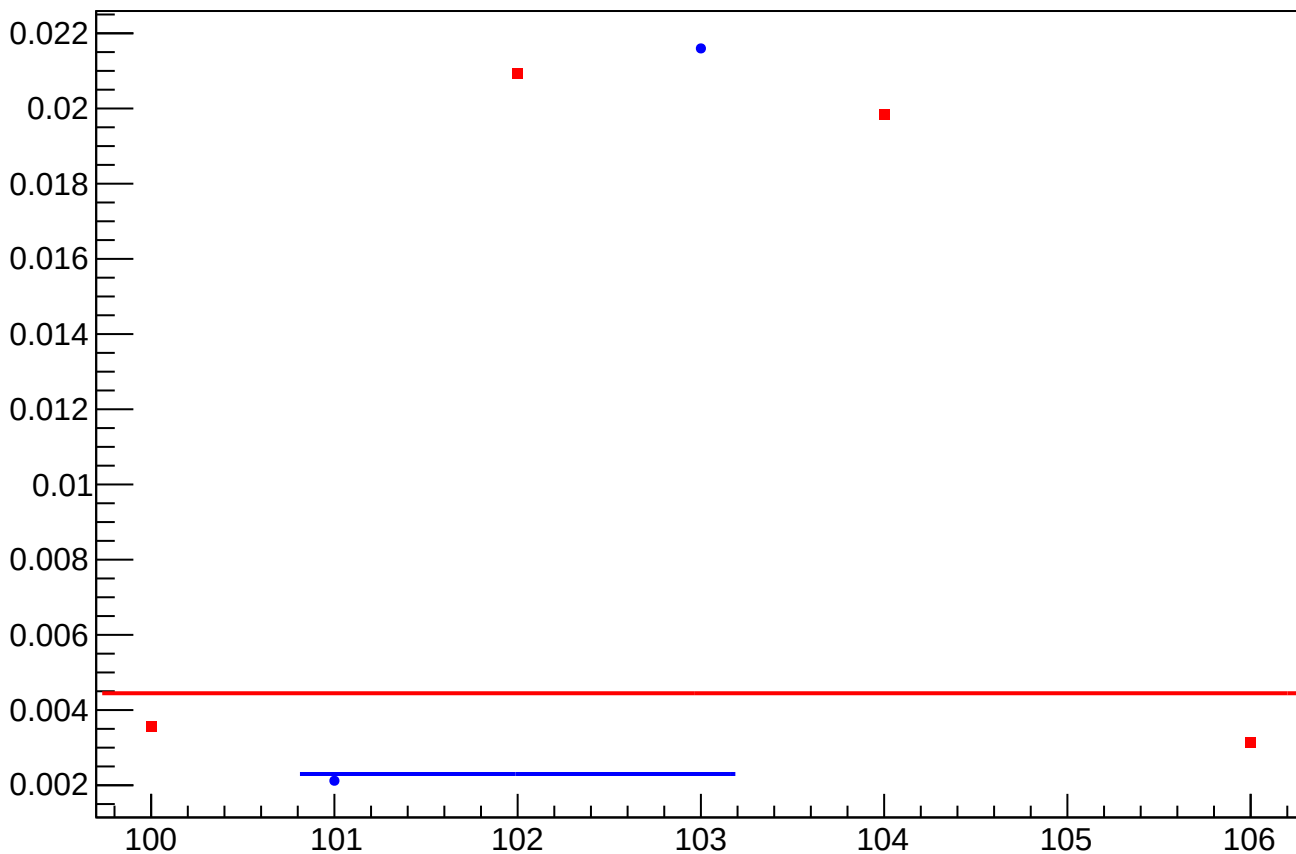
Right: -0.000+/-0.000 χ^2/NDF : 9.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/5

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 974109.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1537229.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

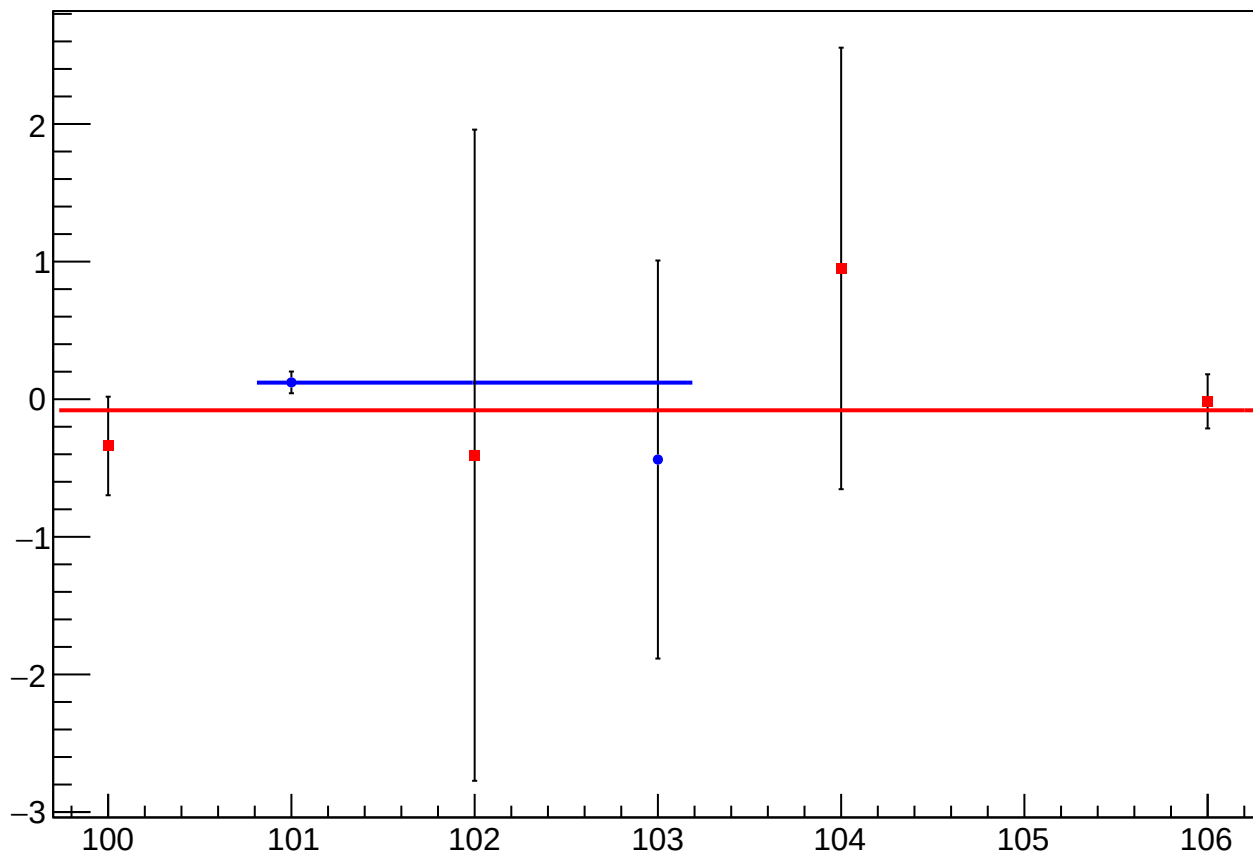
Right: 0.003+/-0.000 χ^2/NDF : 2791581.7/5

In: 0.002+/-0.000 χ^2/NDF : 974109.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2791581.7/5

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.080+/-0.171 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

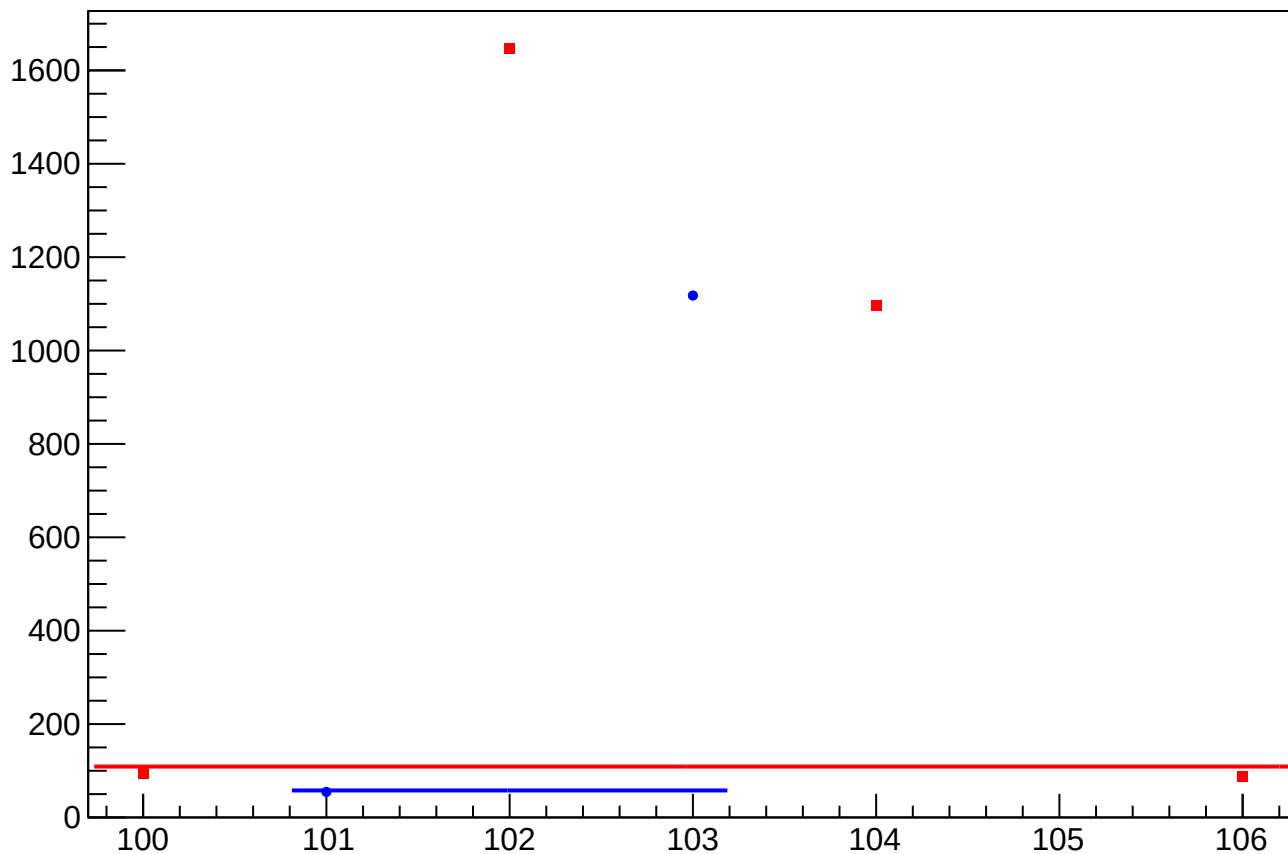
Right: 0.085+/-0.071 χ^2/NDF : 2.4/5

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.071 χ^2/NDF : 2.4/5

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.842 $\pm$ 0.056 χ^2 /NDF: 1077504.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.962 $\pm$ 0.121 χ^2 /NDF: 1628685.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

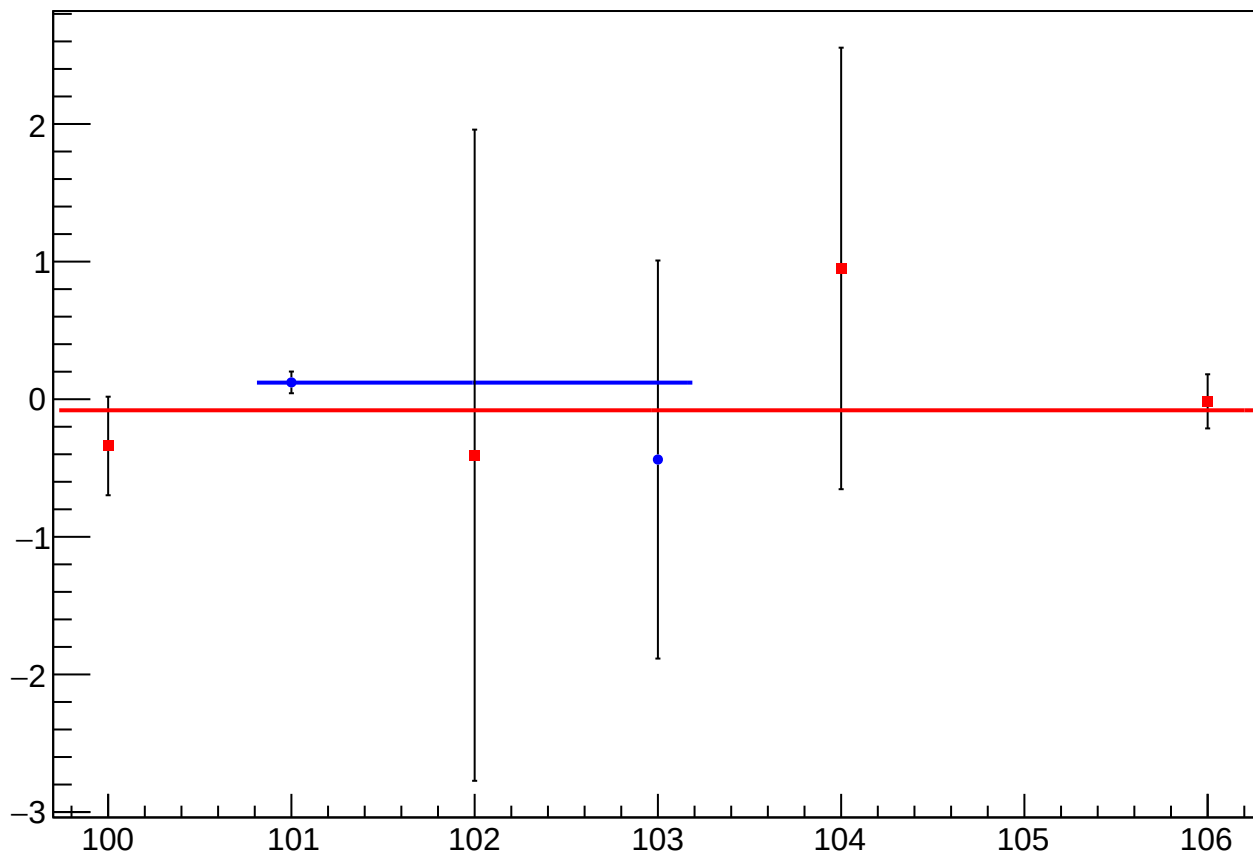
Right: 66.774 $\pm$ 0.051 χ^2 /NDF: 2853748.9/5

In: 57.842 $\pm$ 0.056 χ^2 /NDF: 1077504.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.774 $\pm$ 0.051 χ^2 /NDF: 2853748.9/5

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.080+/-0.171 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

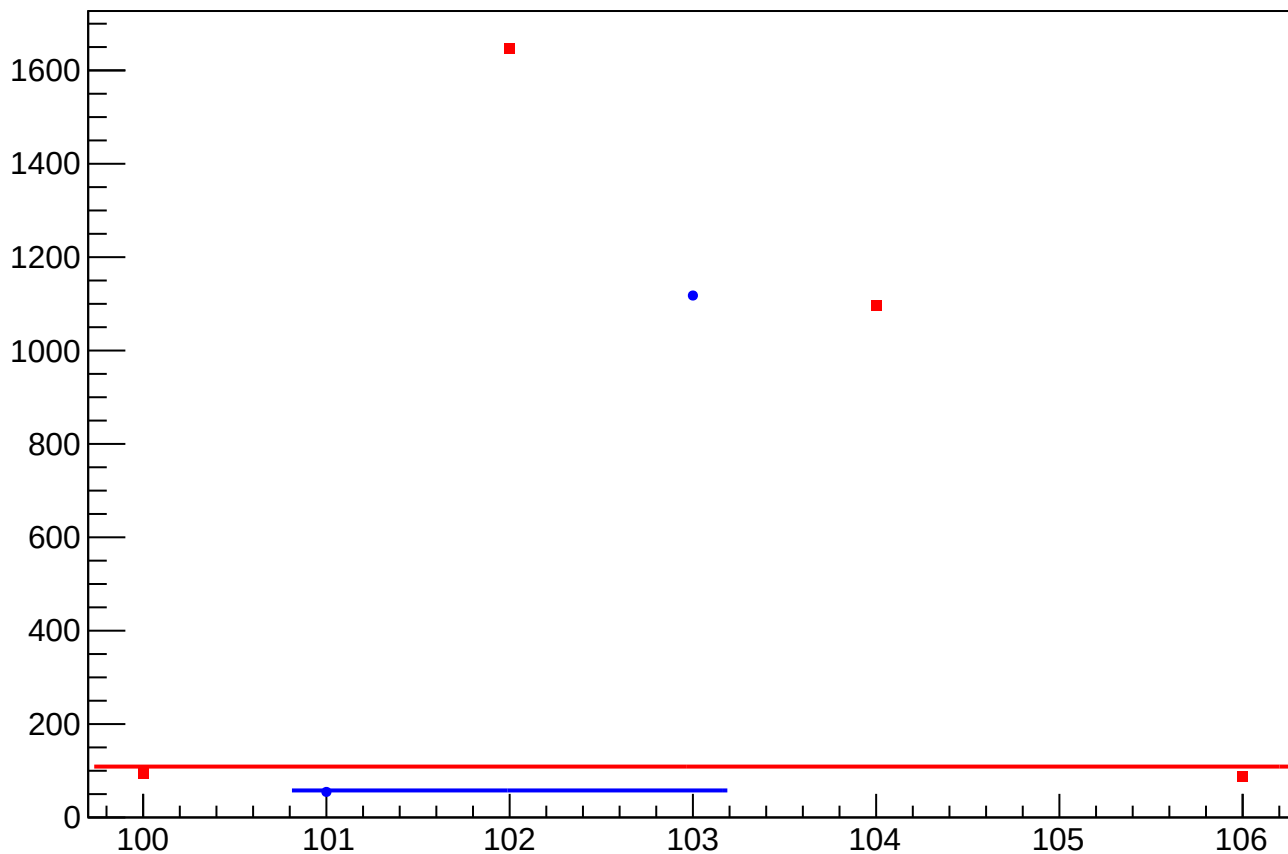
Right: 0.085+/-0.071 χ^2/NDF : 2.4/5

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.085+/-0.071 χ^2/NDF : 2.4/5

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.962+/-0.121 χ^2/NDF : 1628685.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

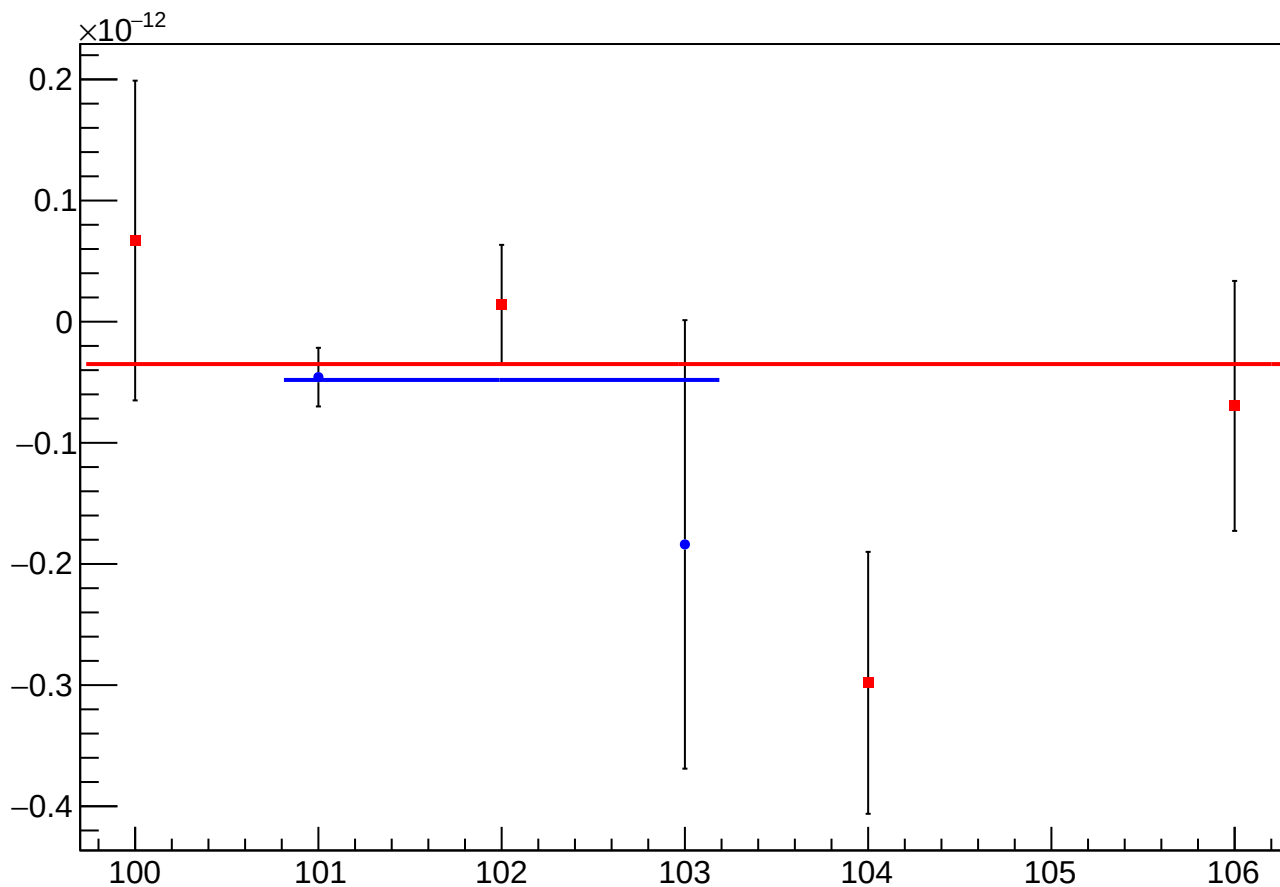
Right: 66.774+/-0.051 χ^2/NDF : 2853748.9/5

In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.774+/-0.051 χ^2/NDF : 2853748.9/5

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

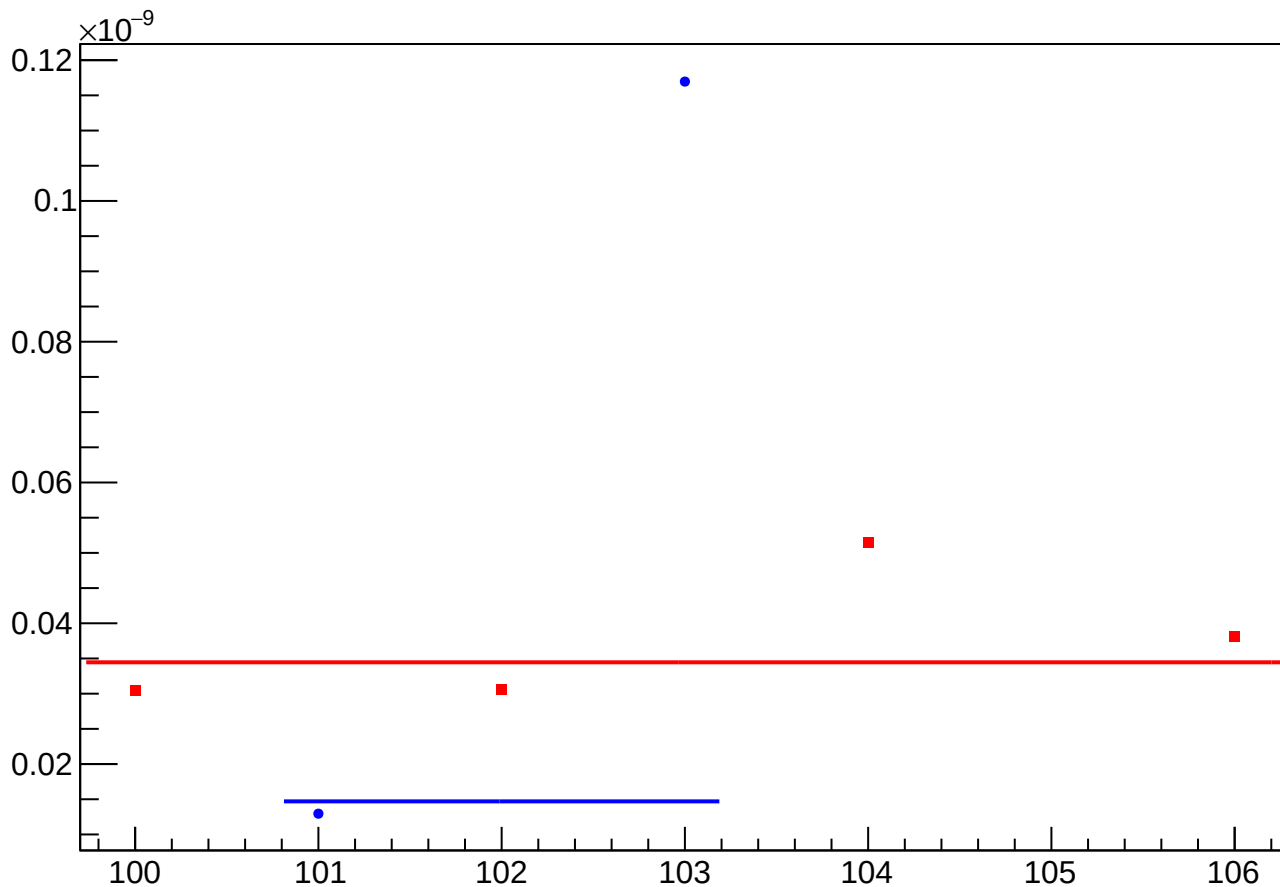
Right: -0.000+/-0.000 χ^2/NDF : 8.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.2/5

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 620712.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 65711.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

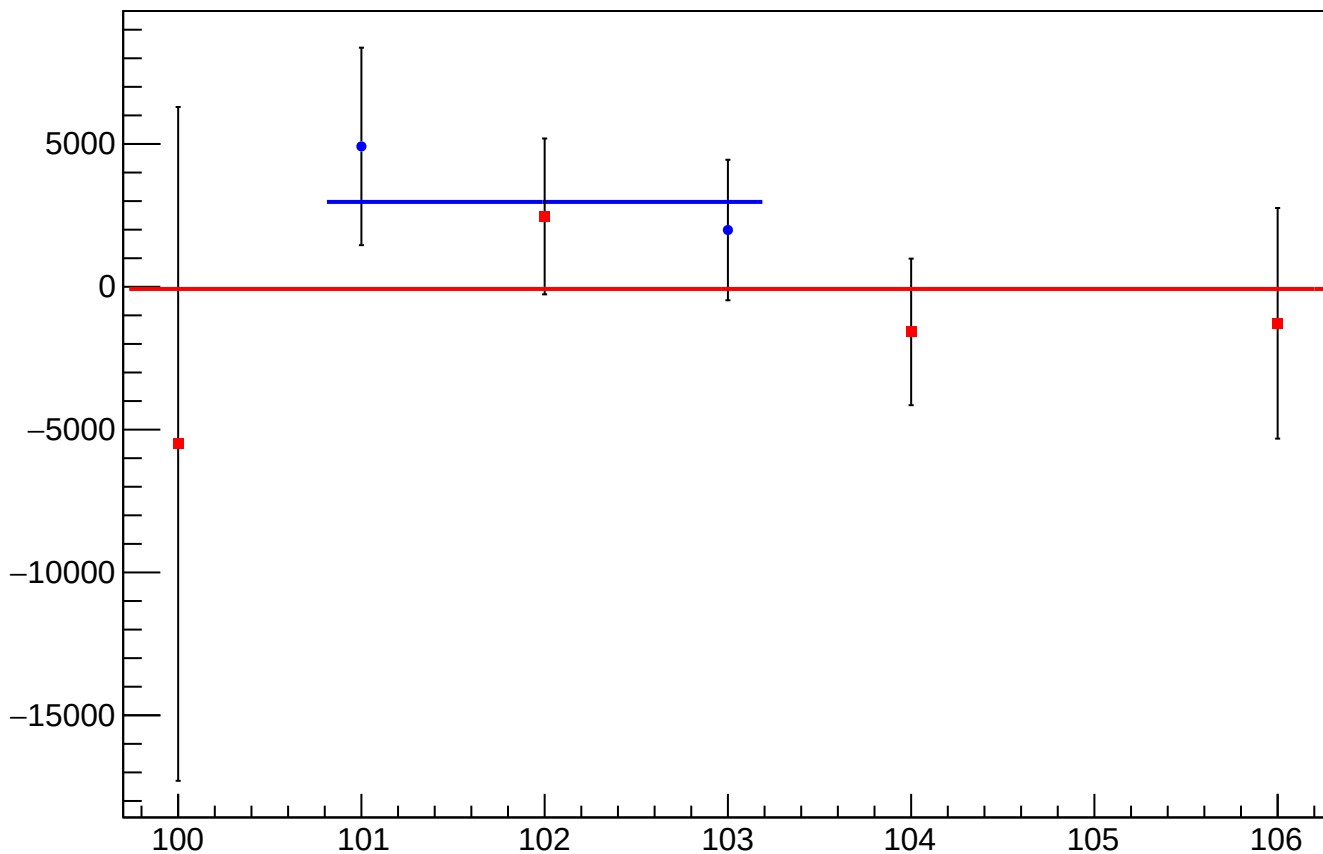
Right: 0.000+/-0.000 χ^2/NDF : 1053274.0/5

In: 0.000+/-0.000 χ^2/NDF : 620712.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1053274.0/5

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2971.500+/-2004.246 χ^2 /NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -75.623+/-1678.632 χ^2 /NDF: 1.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

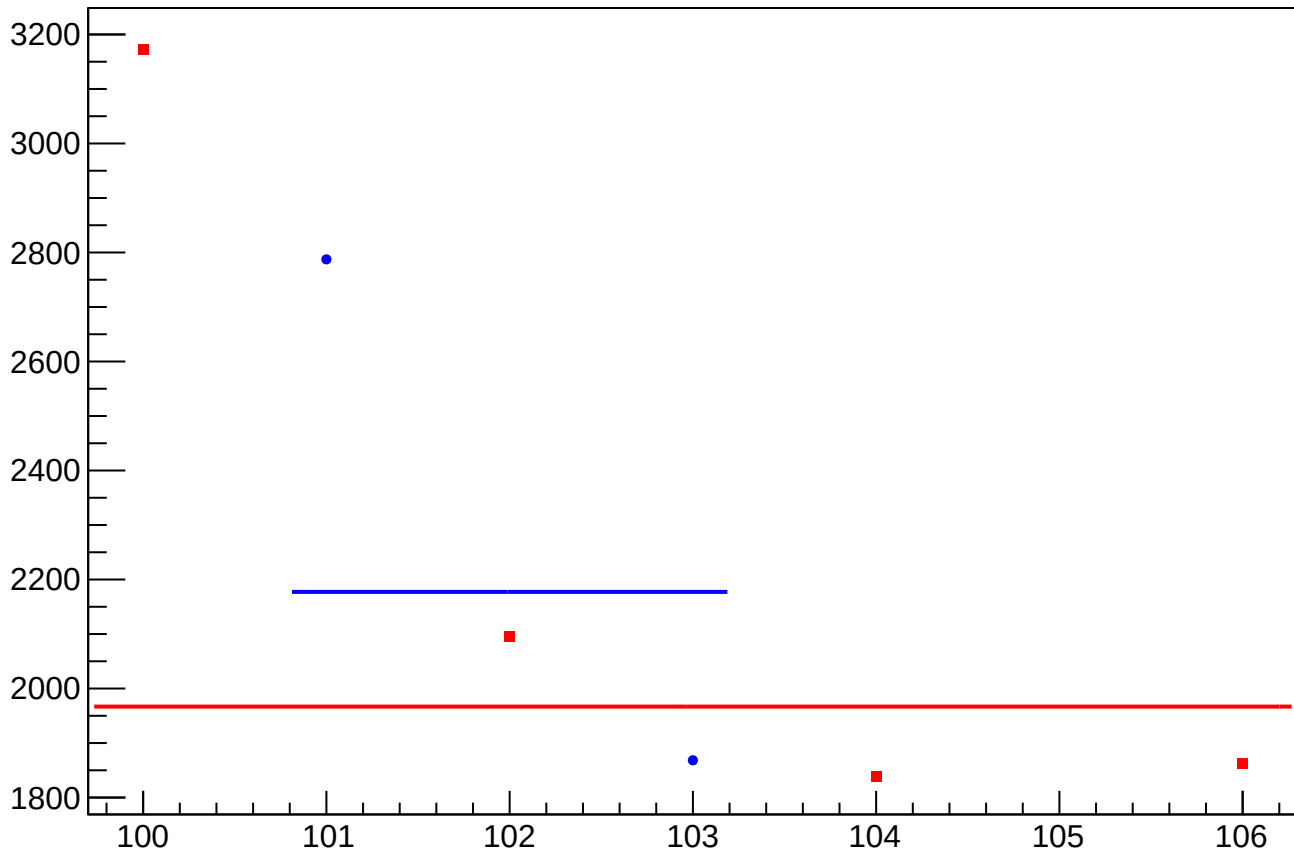
Right: 1180.623+/-1286.896 χ^2 /NDF: 3.3/5

In: 2971.500+/-2004.246 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1180.623+/-1286.896 χ^2 /NDF: 3.3/5

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.302+/-1.417 χ^2/NDF : 93850.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.885+/-1.187 χ^2/NDF : 31796.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

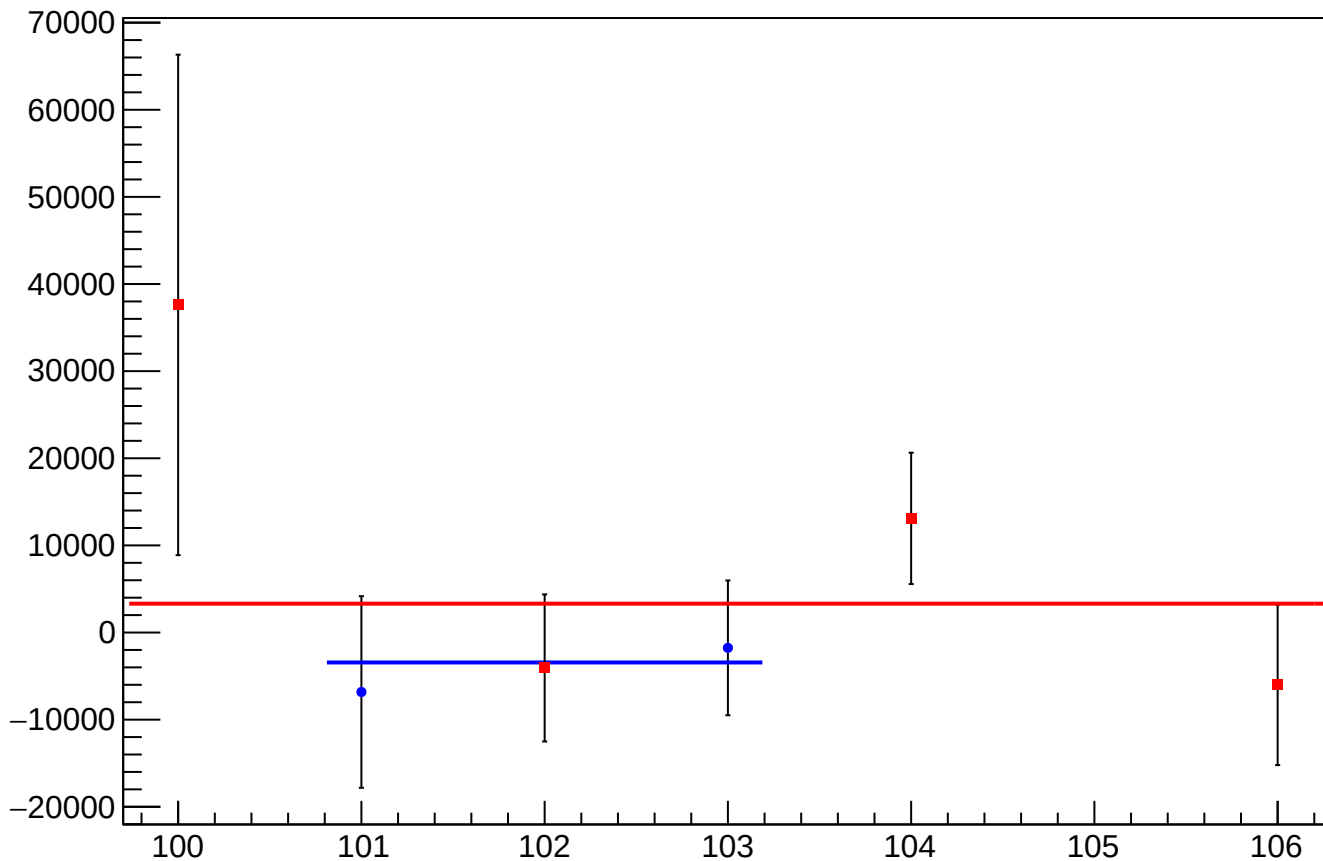
Right: 2053.634+/-0.910 χ^2/NDF : 138601.8/5

In: 2177.302+/-1.417 χ^2/NDF : 93850.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.634+/-0.910 χ^2/NDF : 138601.8/5

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -3437.291+/-6327.901 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3314.993+/-4732.360 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

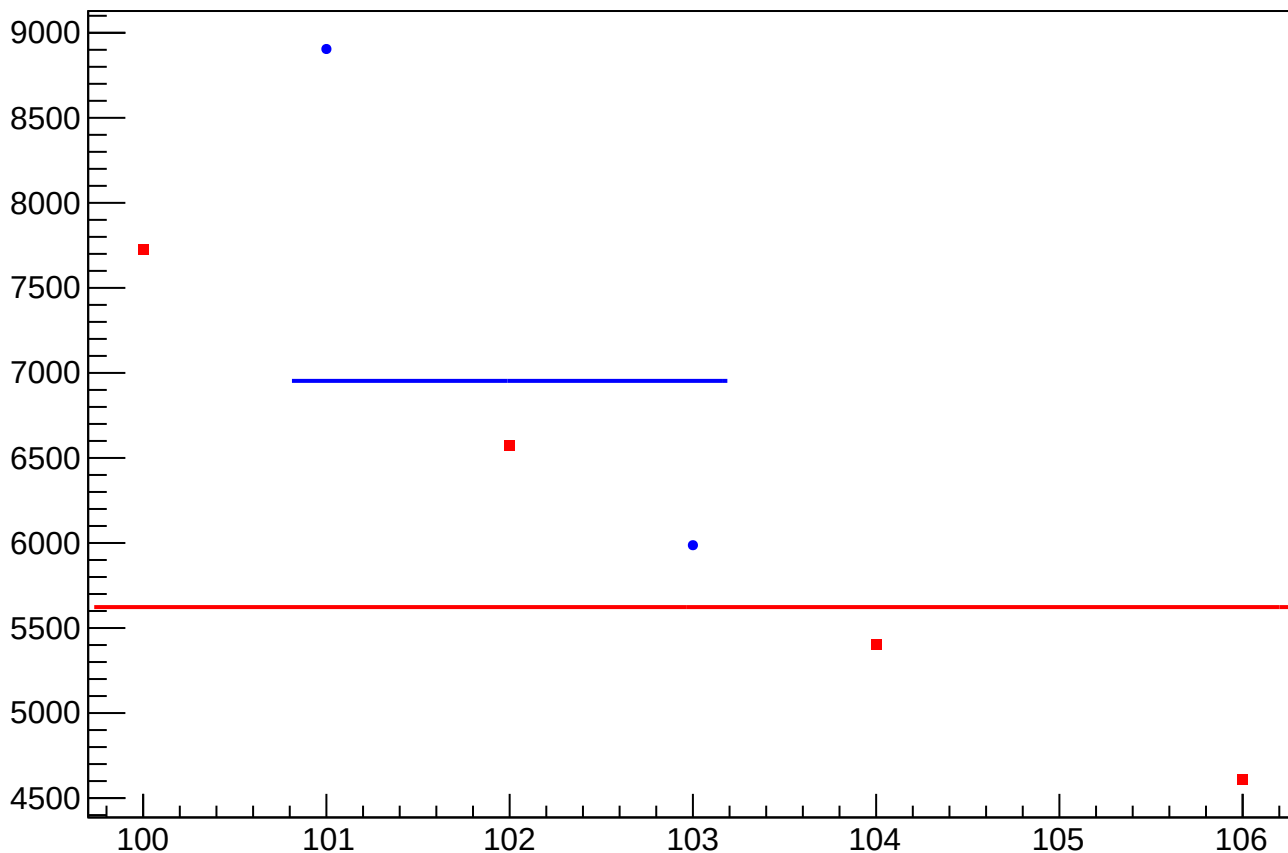
Right: 893.070+/-3789.784 χ^2/NDF : 5.8/5

In: -3437.291+/-6327.901 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.070+/-3789.784 χ^2/NDF : 5.8/5

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6953.228+/-4.475 χ^2/NDF : 94188.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5623.071+/-3.346 χ^2/NDF : 62171.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

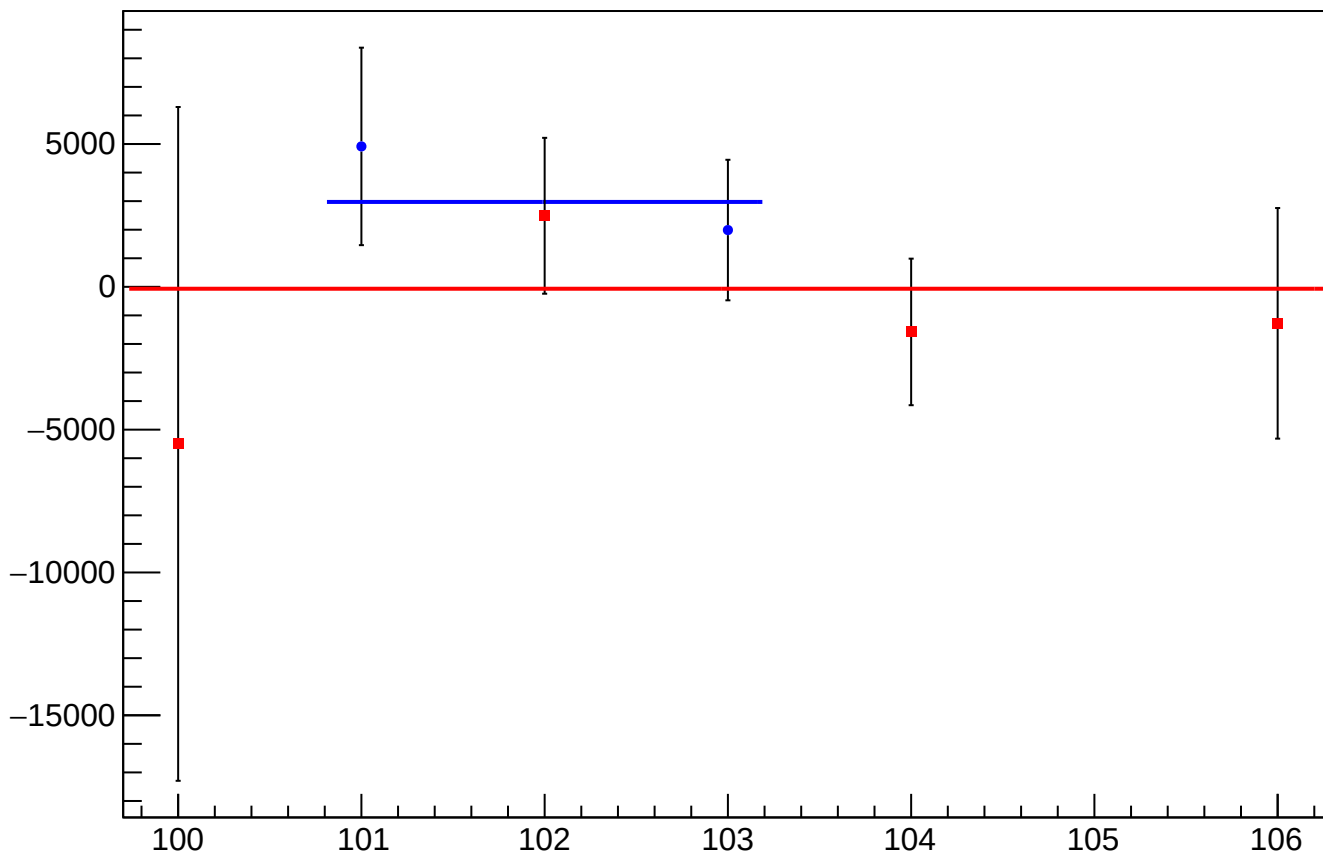
Right: 6100.174+/-2.680 χ^2/NDF : 213034.0/5

In: 6953.228+/-4.475 χ^2/NDF : 94188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6100.174+/-2.680 χ^2/NDF : 213034.0/5

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2972.152 $\pm$ 2004.246 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.736 $\pm$ 1678.715 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

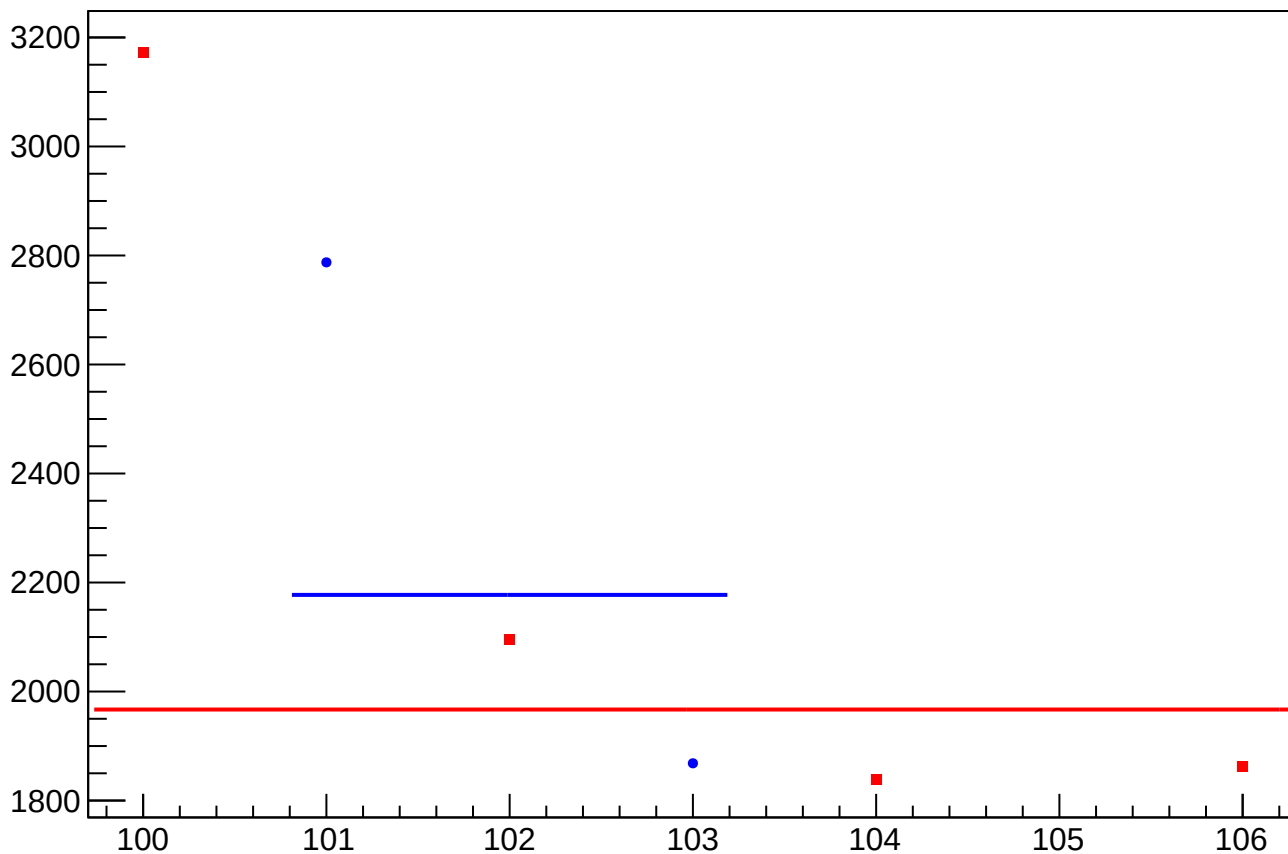
Right: 1186.188 $\pm$ 1286.933 χ^2 /NDF: 3.4/5

In: 2972.152 $\pm$ 2004.246 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1186.188 $\pm$ 1286.933 χ^2 /NDF: 3.4/5

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.986+/-1.187 χ^2/NDF : 31815.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

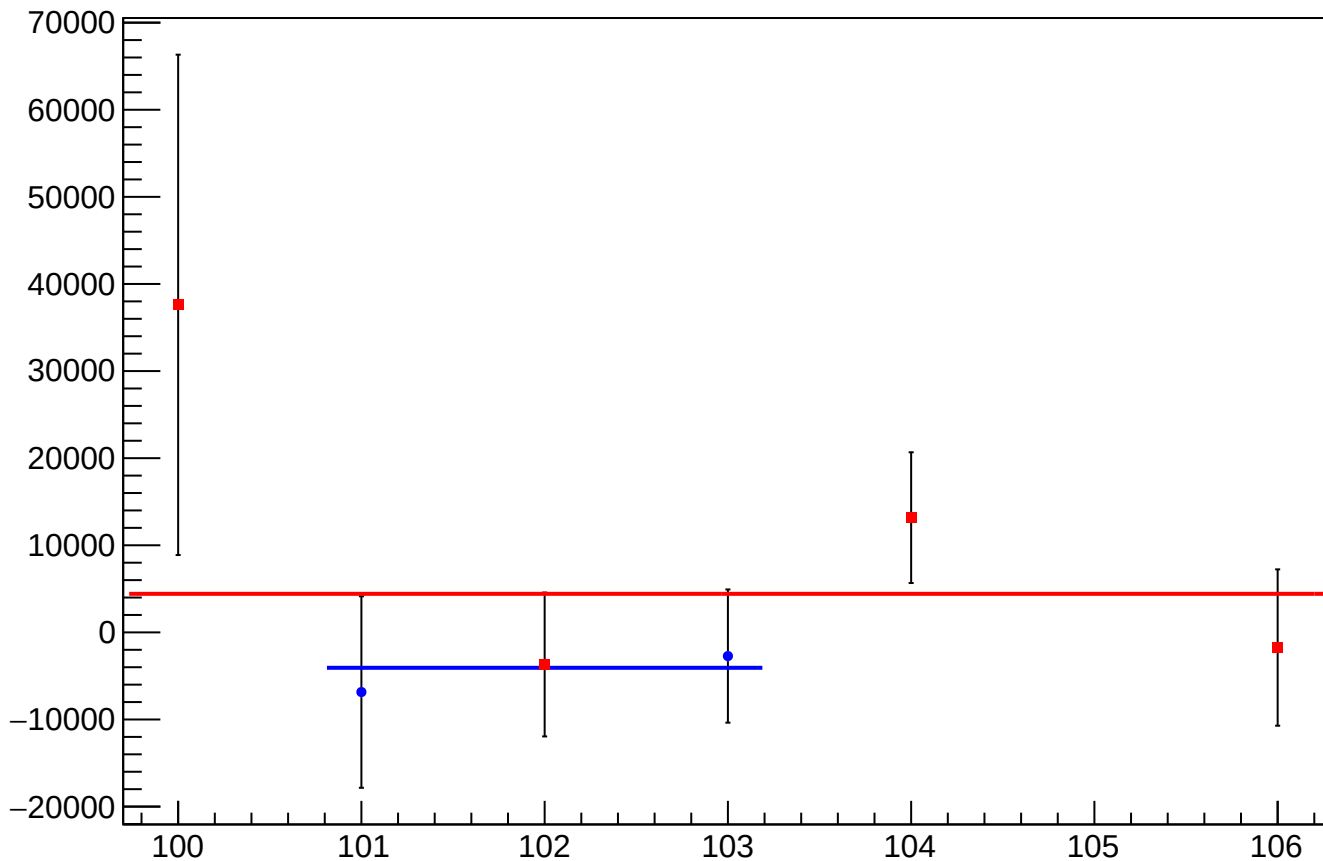
Right: 2053.698+/-0.910 χ^2/NDF : 138608.4/5

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.698+/-0.910 χ^2/NDF : 138608.4/5

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4426.149+/-4660.725 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

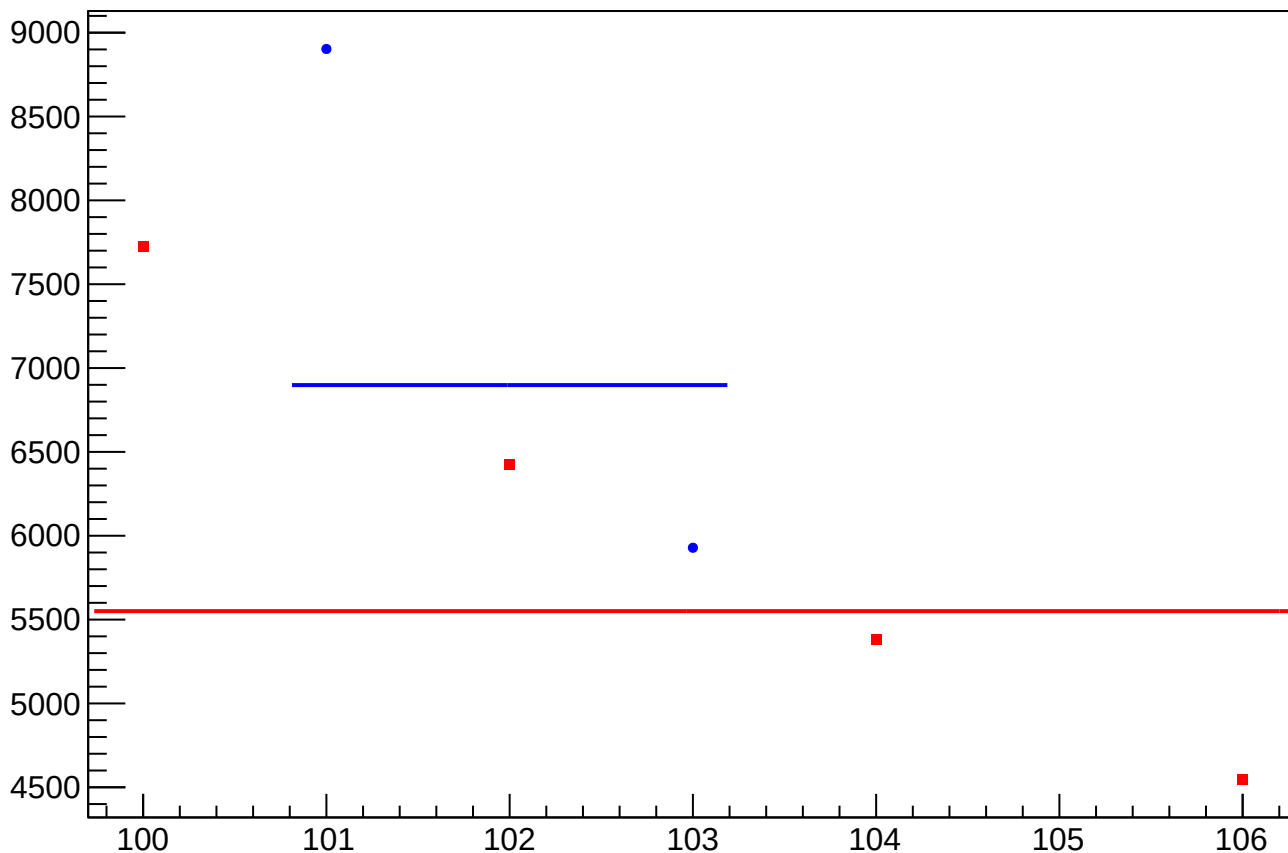
Right: 1409.216+/-3742.220 χ^2/NDF : 5.4/5

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.216+/-3742.220 χ^2/NDF : 5.4/5

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5550.427+/-3.296 χ^2/NDF : 60085.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

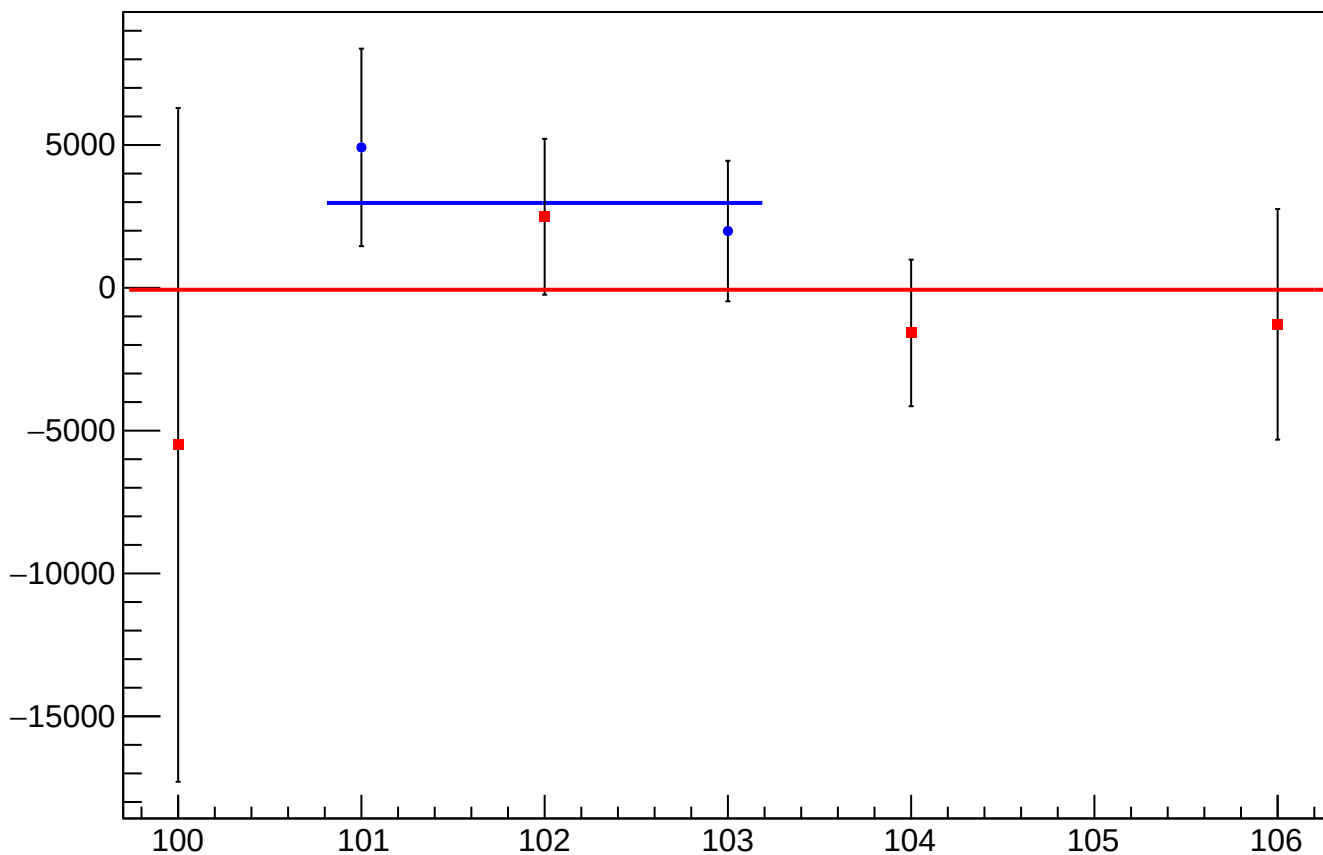
Right: 6029.373+/-2.646 χ^2/NDF : 218183.7/5

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6029.373+/-2.646 χ^2/NDF : 218183.7/5

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2972.152+/-2004.246 χ^2 /NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -66.736+/-1678.715 χ^2 /NDF: 1.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

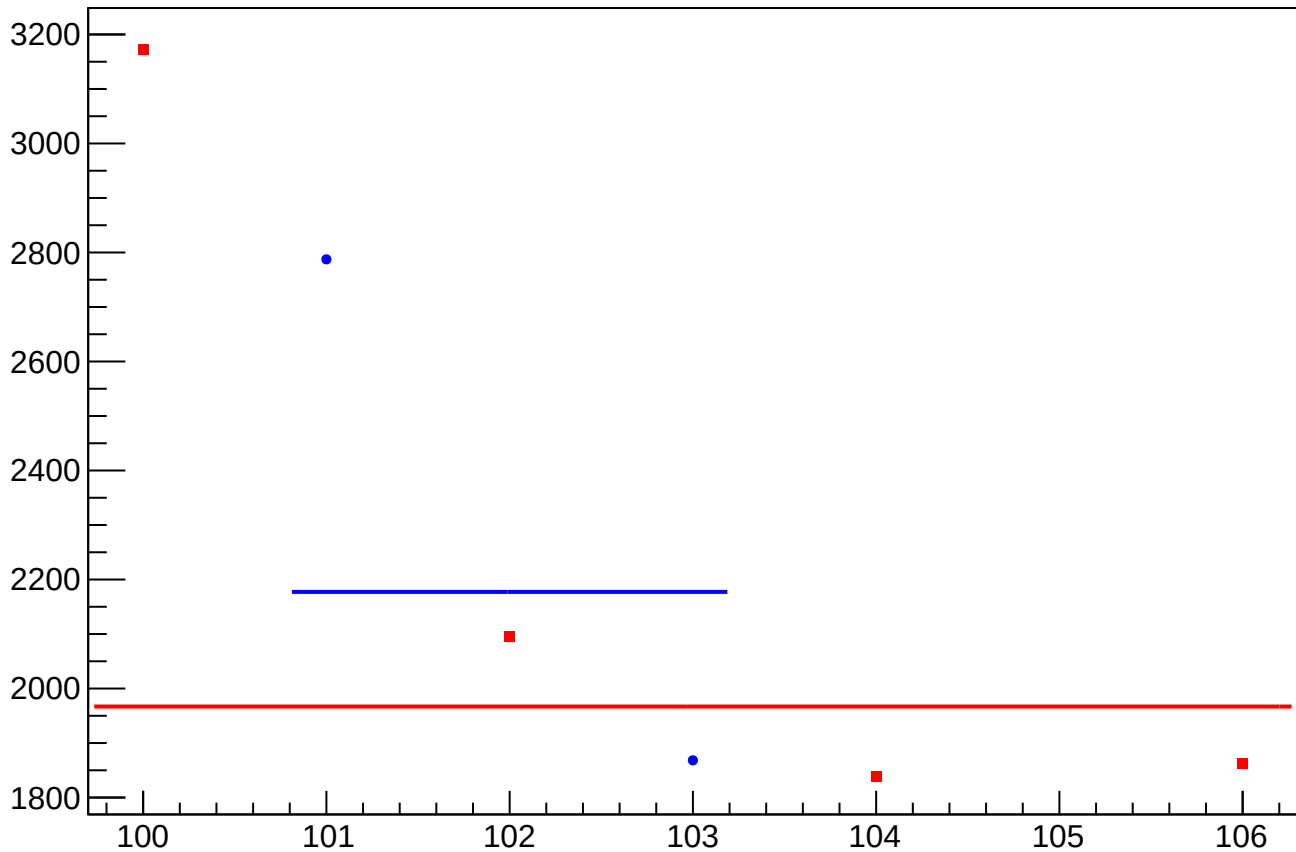
Right: 1186.188+/-1286.933 χ^2 /NDF: 3.4/5

In: 2972.152+/-2004.246 χ^2 /NDF: 0.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1186.188+/-1286.933 χ^2 /NDF: 3.4/5

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.986+/-1.187 χ^2/NDF : 31815.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

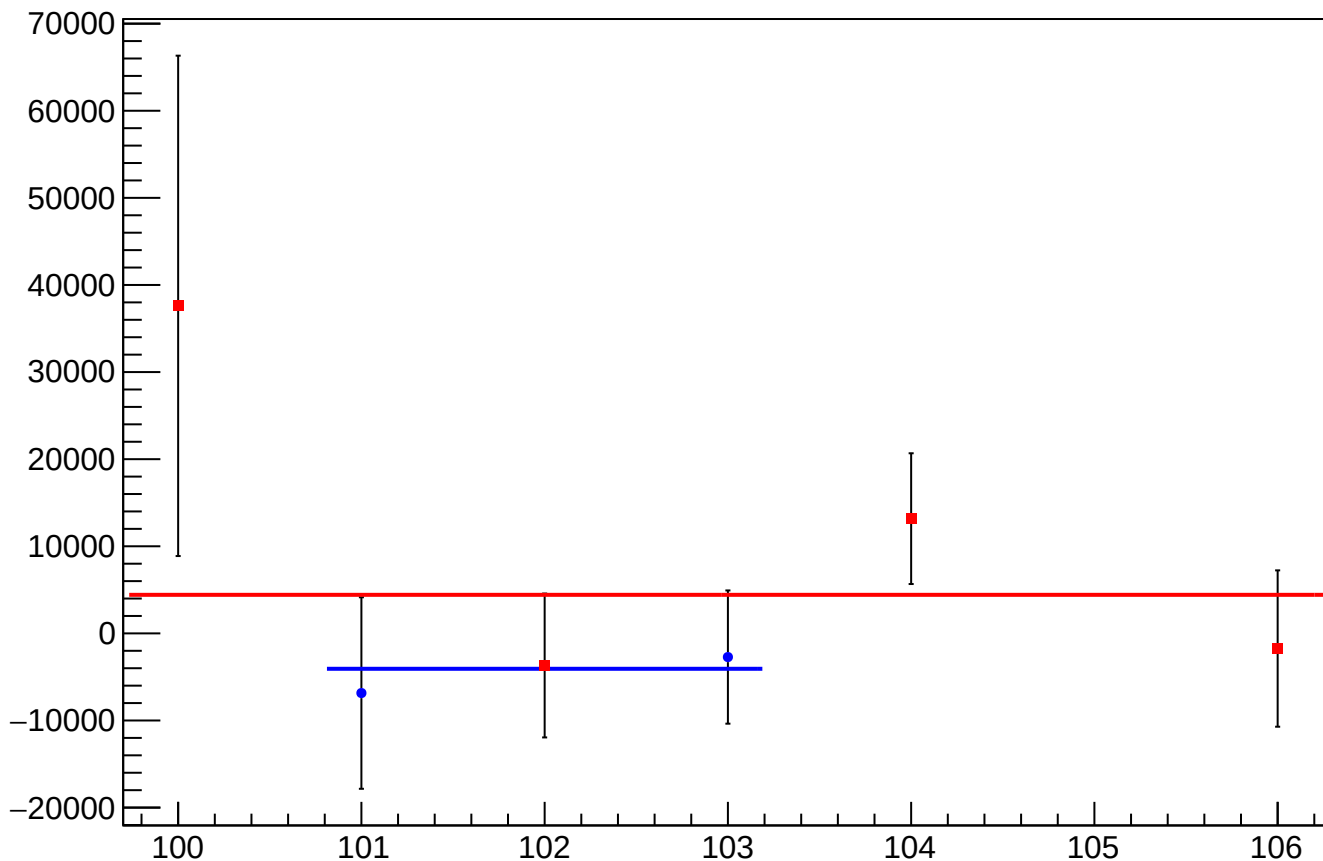
Right: 2053.698+/-0.910 χ^2/NDF : 138608.4/5

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2053.698+/-0.910 χ^2/NDF : 138608.4/5

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4426.149+/-4660.725 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

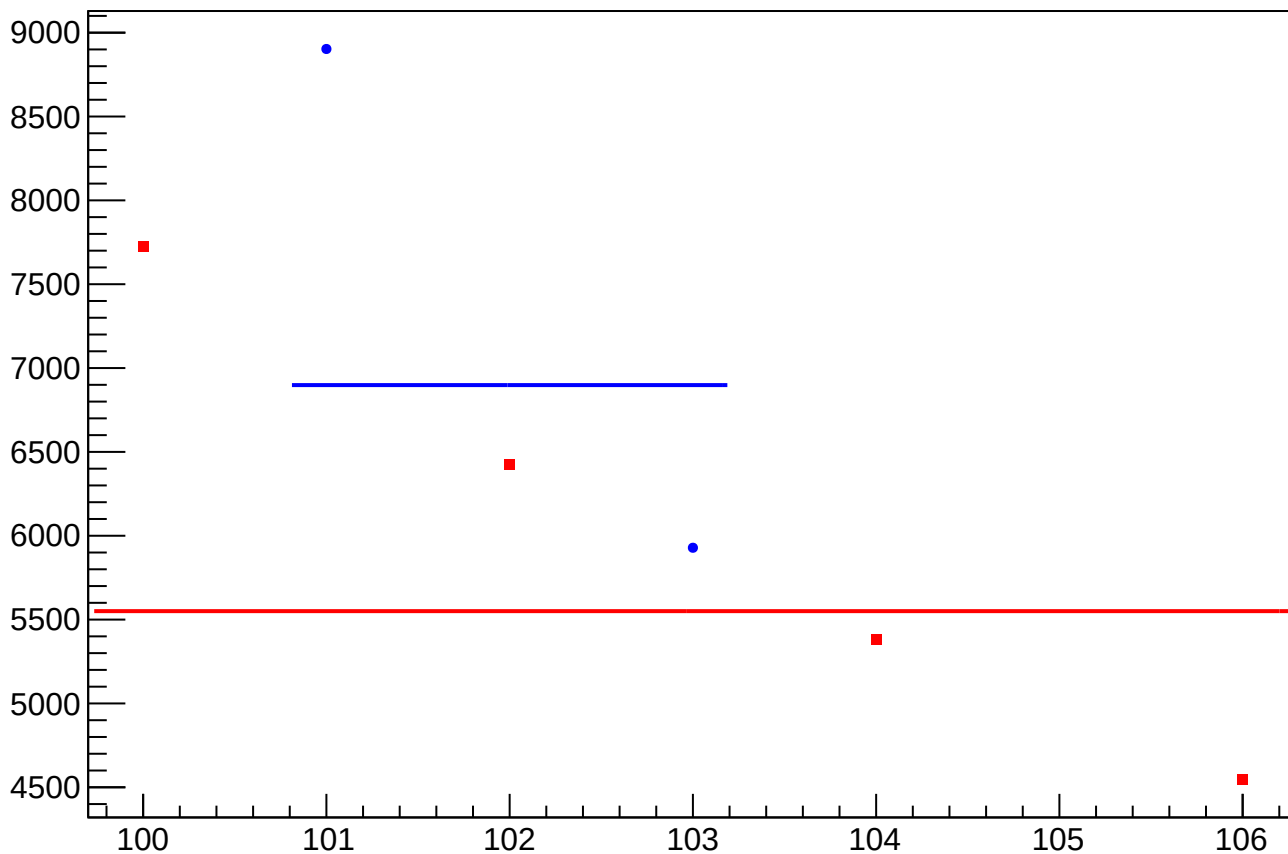
Right: 1409.216+/-3742.220 χ^2/NDF : 5.4/5

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.216+/-3742.220 χ^2/NDF : 5.4/5

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5550.427+/-3.296 χ^2/NDF : 60085.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

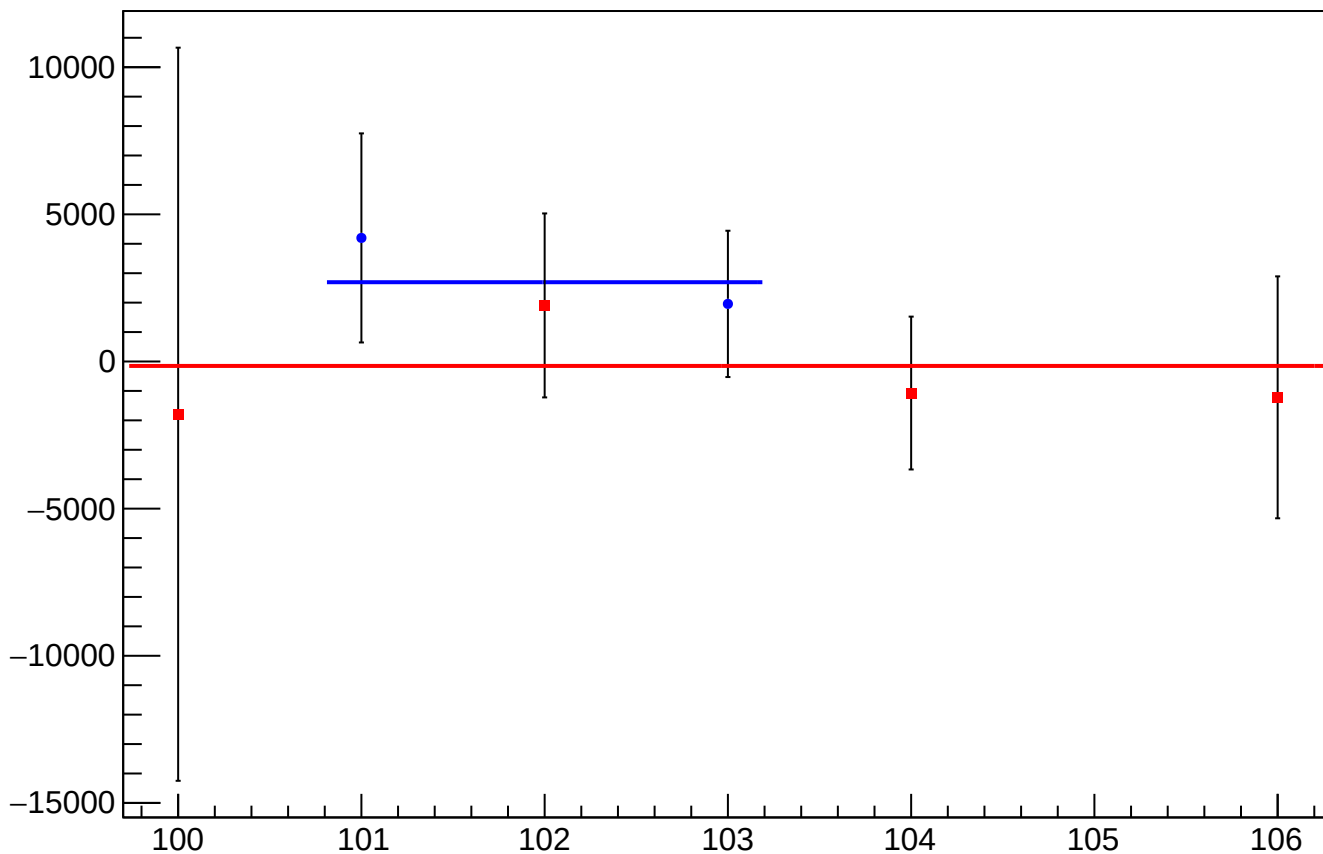
Right: 6029.373+/-2.646 χ^2/NDF : 218183.7/5

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6029.373+/-2.646 χ^2/NDF : 218183.7/5

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2693.954+/-2036.596 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -150.731+/-1778.203 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

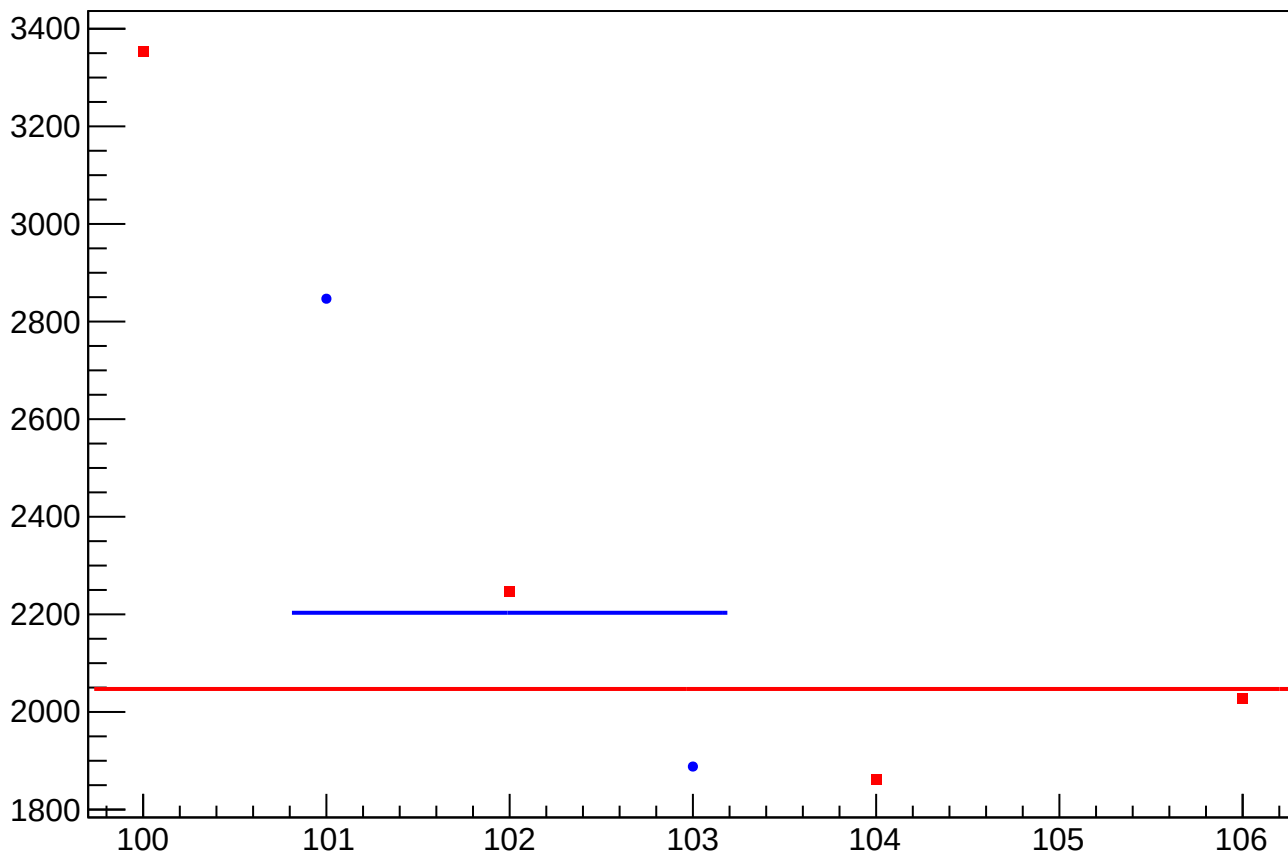
Right: 1079.809+/-1339.478 χ^2/NDF : 2.0/5

In: 2693.954+/-2036.596 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.809+/-1339.478 χ^2/NDF : 2.0/5

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2203.258+/-1.440 χ^2/NDF : 97782.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.127+/-1.247 χ^2/NDF : 40527.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

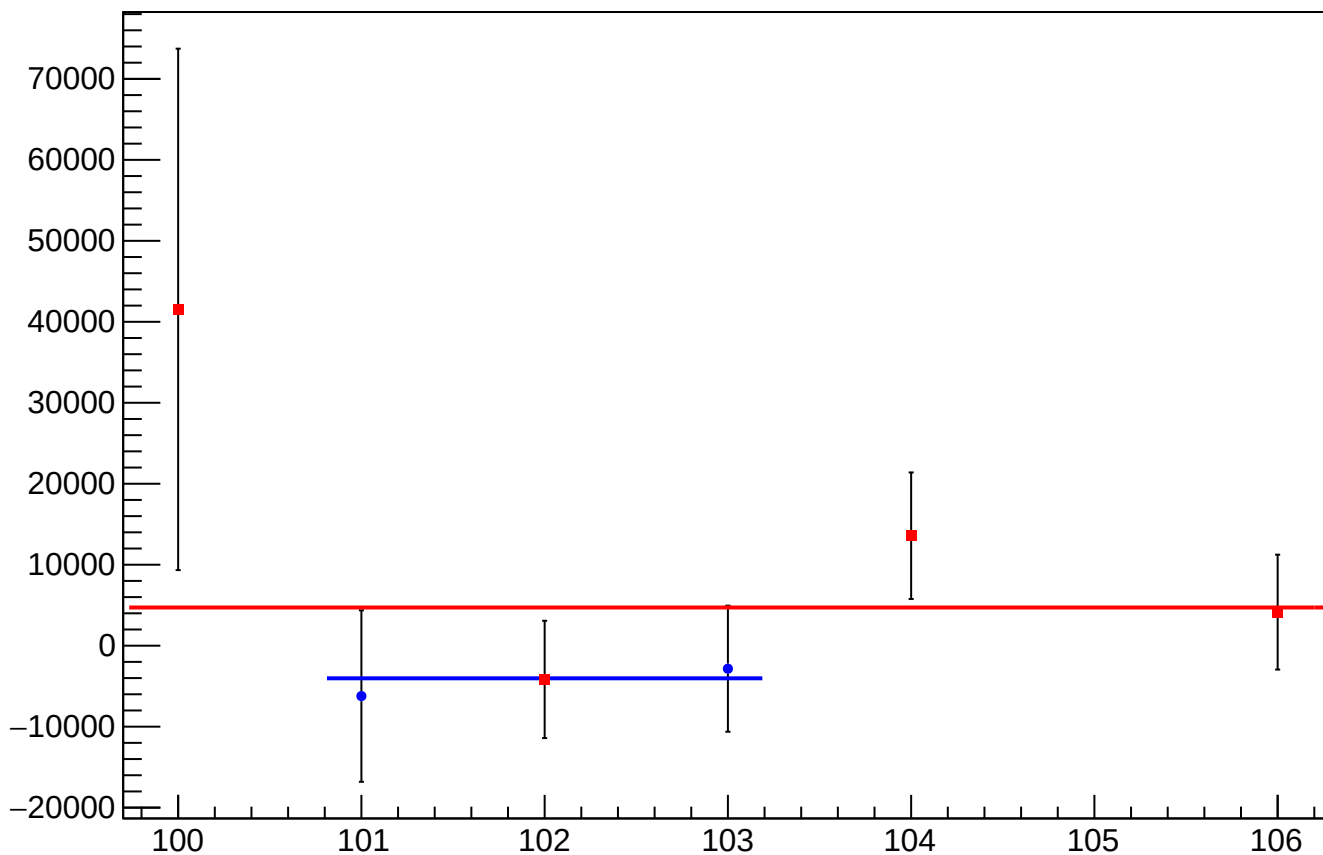
Right: 2114.055+/-0.943 χ^2/NDF : 145025.7/5

In: 2203.258+/-1.440 χ^2/NDF : 97782.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.055+/-0.943 χ^2/NDF : 145025.7/5

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -4029.152+/-6272.858 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4717.669+/-4215.892 χ^2 /NDF: 4.1/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

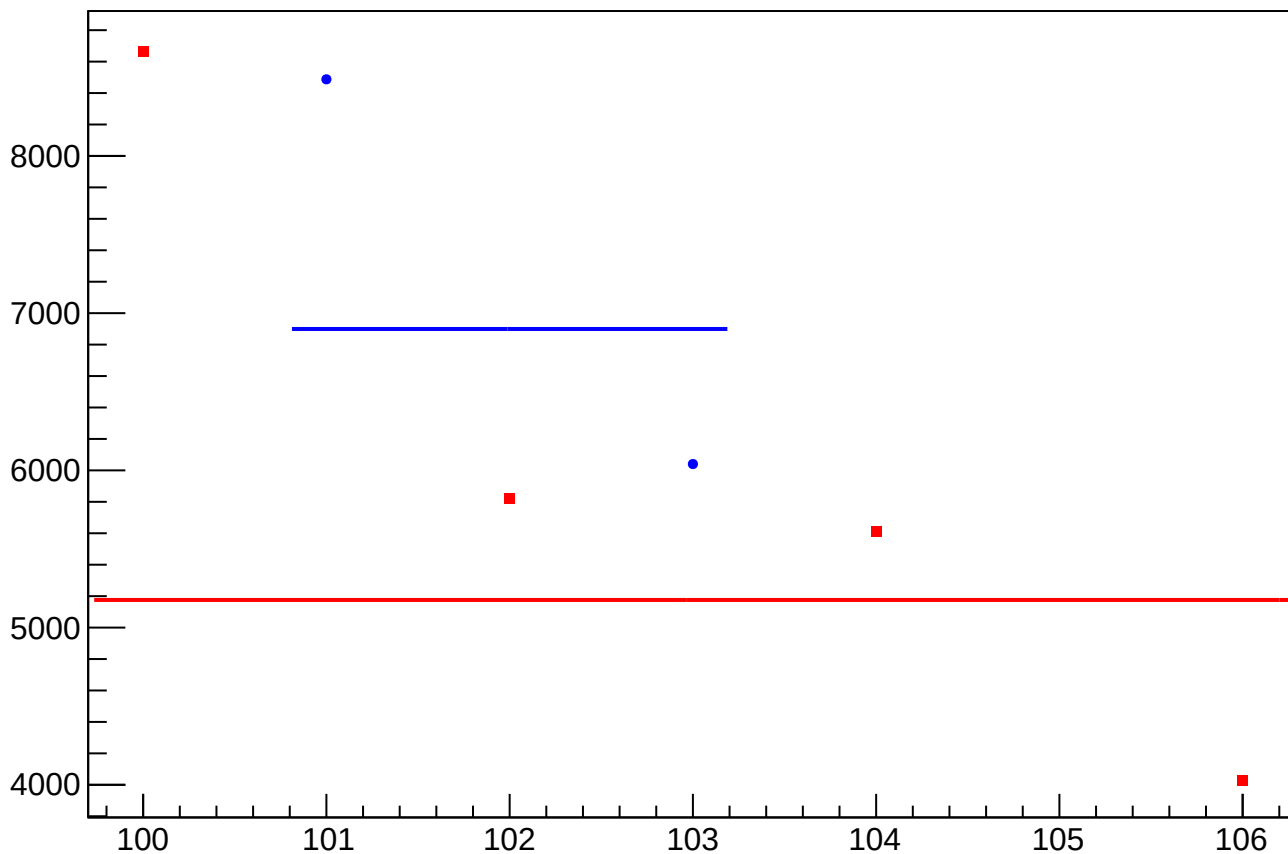
Right: 1996.084+/-3499.060 χ^2 /NDF: 5.5/5

In: -4029.152+/-6272.858 χ^2 /NDF: 0.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1996.084+/-3499.060 χ^2 /NDF: 5.5/5

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6899.462+/-4.436 χ^2/NDF : 69337.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5175.775+/-2.981 χ^2/NDF : 97637.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

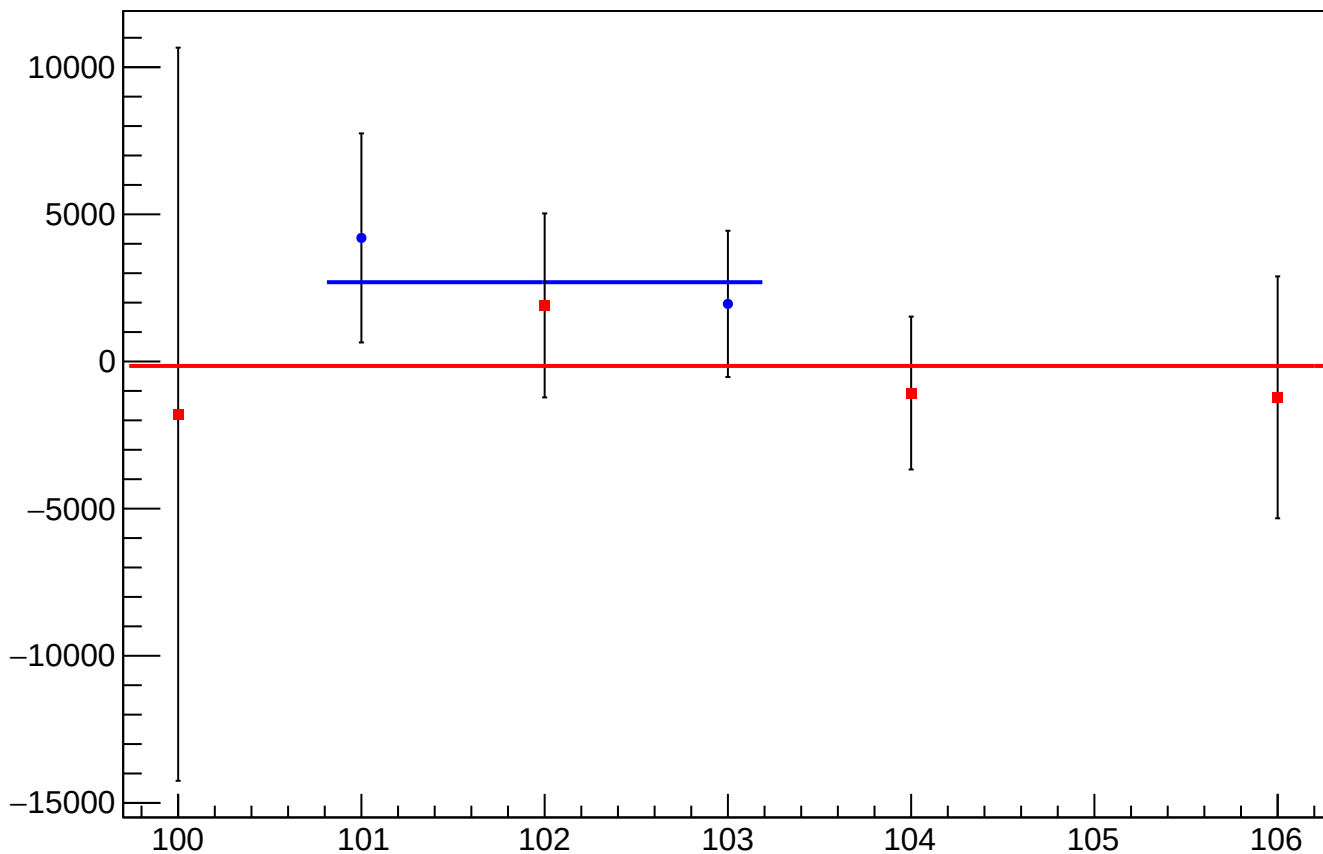
Right: 5712.102+/-2.474 χ^2/NDF : 271000.1/5

In: 6899.462+/-4.436 χ^2/NDF : 69337.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5712.102+/-2.474 χ^2/NDF : 271000.1/5

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2693.958+/-2036.596 χ^2 /NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -150.727+/-1778.204 χ^2 /NDF: 0.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

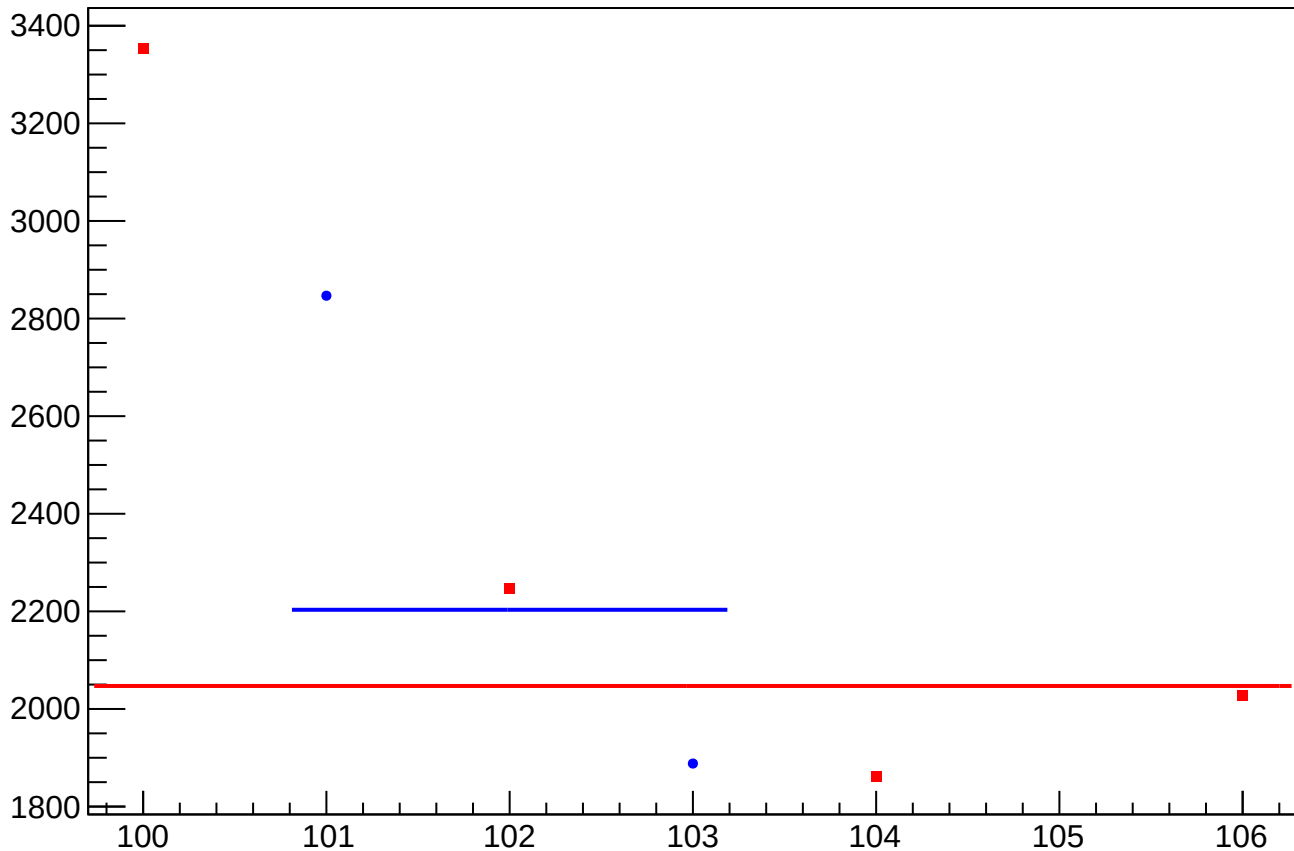
Right: 1079.813+/-1339.478 χ^2 /NDF: 2.0/5

In: 2693.958+/-2036.596 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1079.813+/-1339.478 χ^2 /NDF: 2.0/5

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2203.258+/-1.440 χ^2/NDF : 97781.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.127+/-1.247 χ^2/NDF : 40527.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

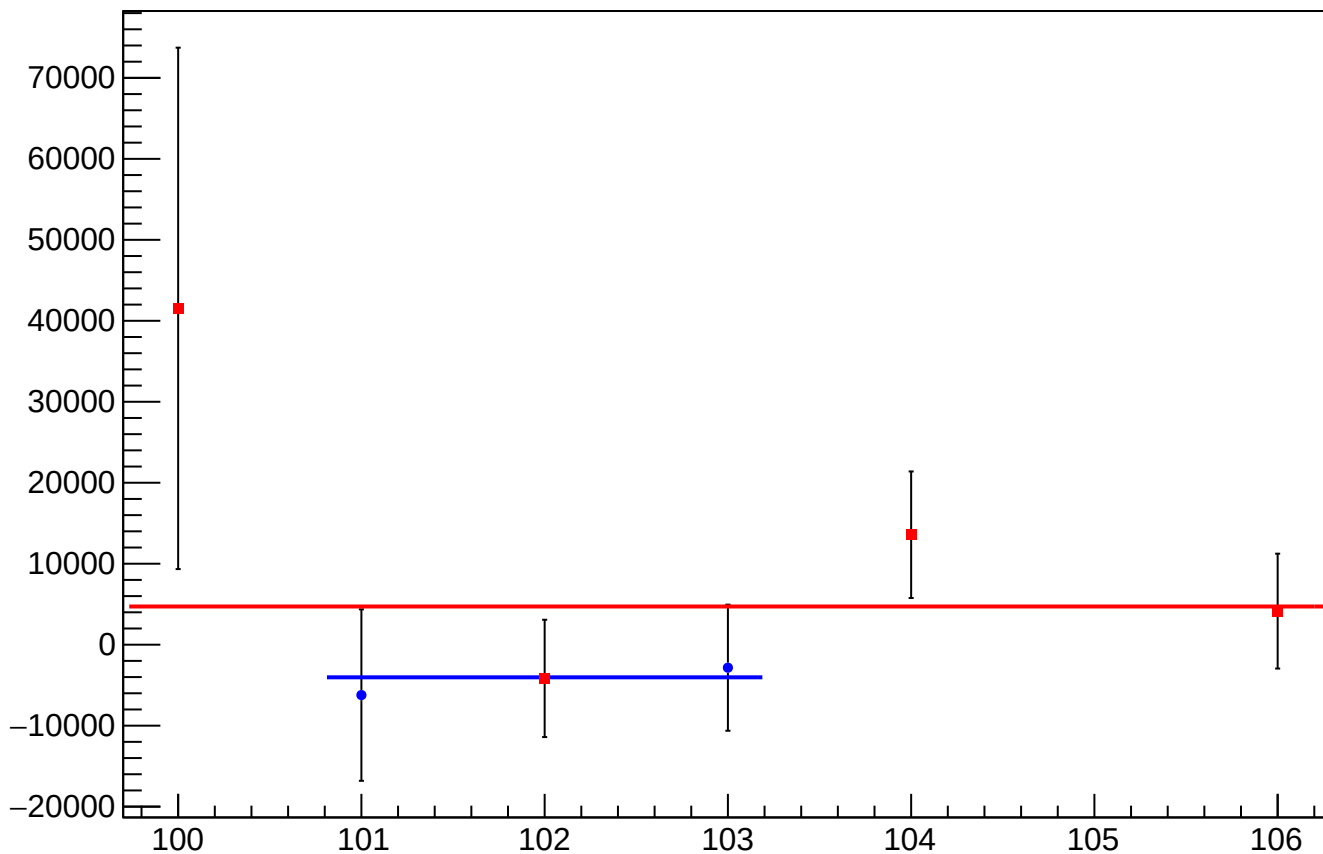
Right: 2114.055+/-0.943 χ^2/NDF : 145025.5/5

In: 2203.258+/-1.440 χ^2/NDF : 97781.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2114.055+/-0.943 χ^2/NDF : 145025.5/5

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4029.153+/-6272.856 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4717.671+/-4215.887 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

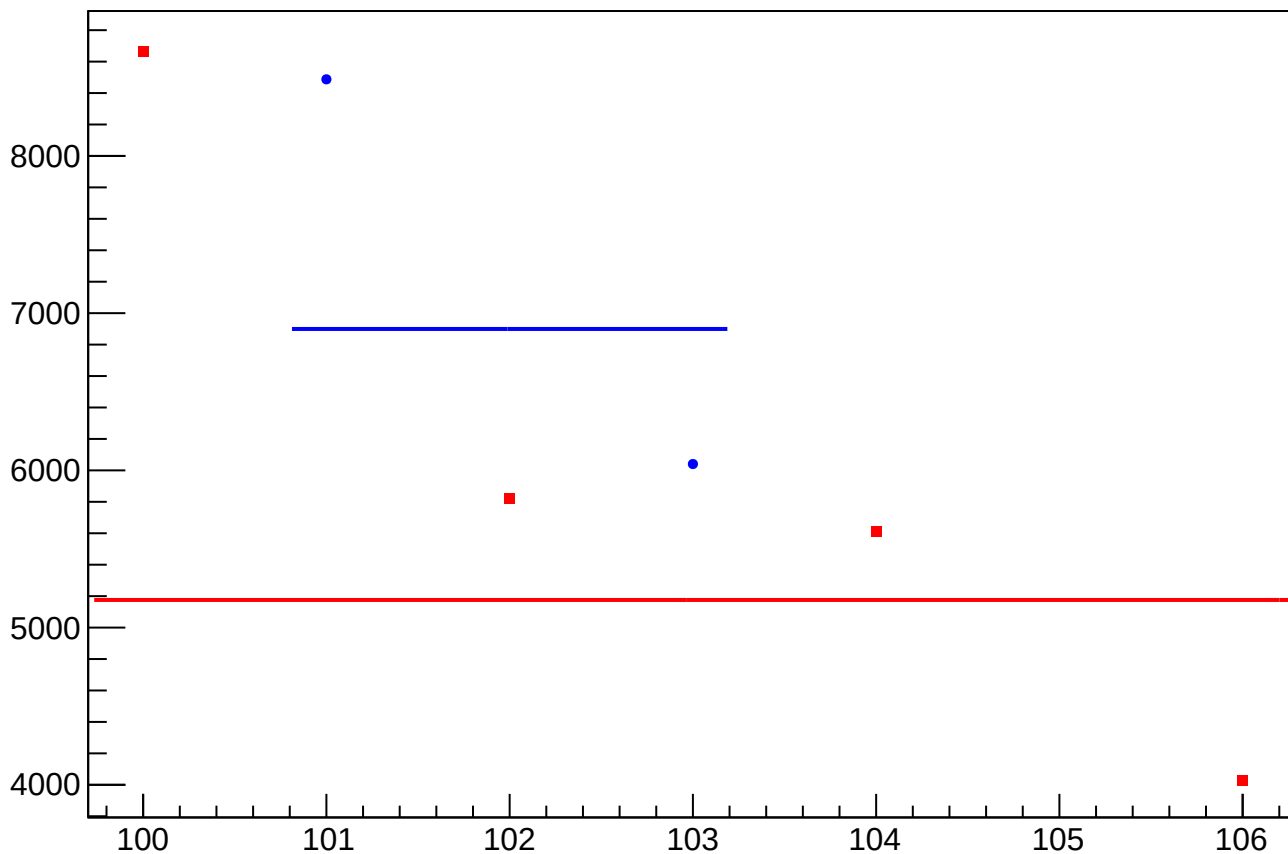
Right: 1996.088+/-3499.056 χ^2/NDF : 5.5/5

In: -4029.153+/-6272.856 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1996.088+/-3499.056 χ^2/NDF : 5.5/5

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6899.460+/-4.436 χ^2/NDF : 69337.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5175.767+/-2.981 χ^2/NDF : 97638.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

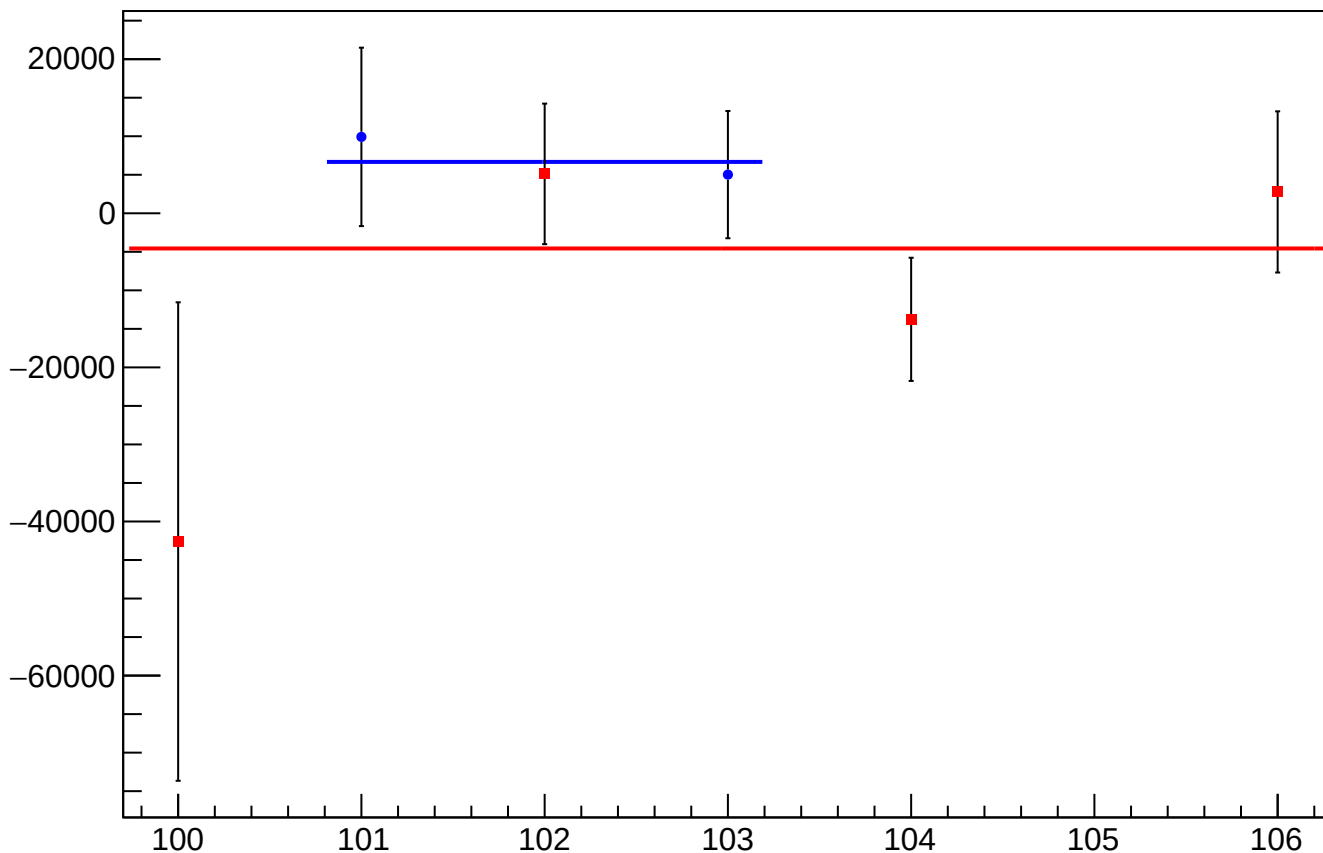
Right: 5712.096+/-2.474 χ^2/NDF : 271002.0/5

In: 6899.460+/-4.436 χ^2/NDF : 69337.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5712.096+/-2.474 χ^2/NDF : 271002.0/5

asym_atl2_mean vs Slug, Sign Corrected



Right In: 6669.371+/-6722.821 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4565.897+/-5140.335 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

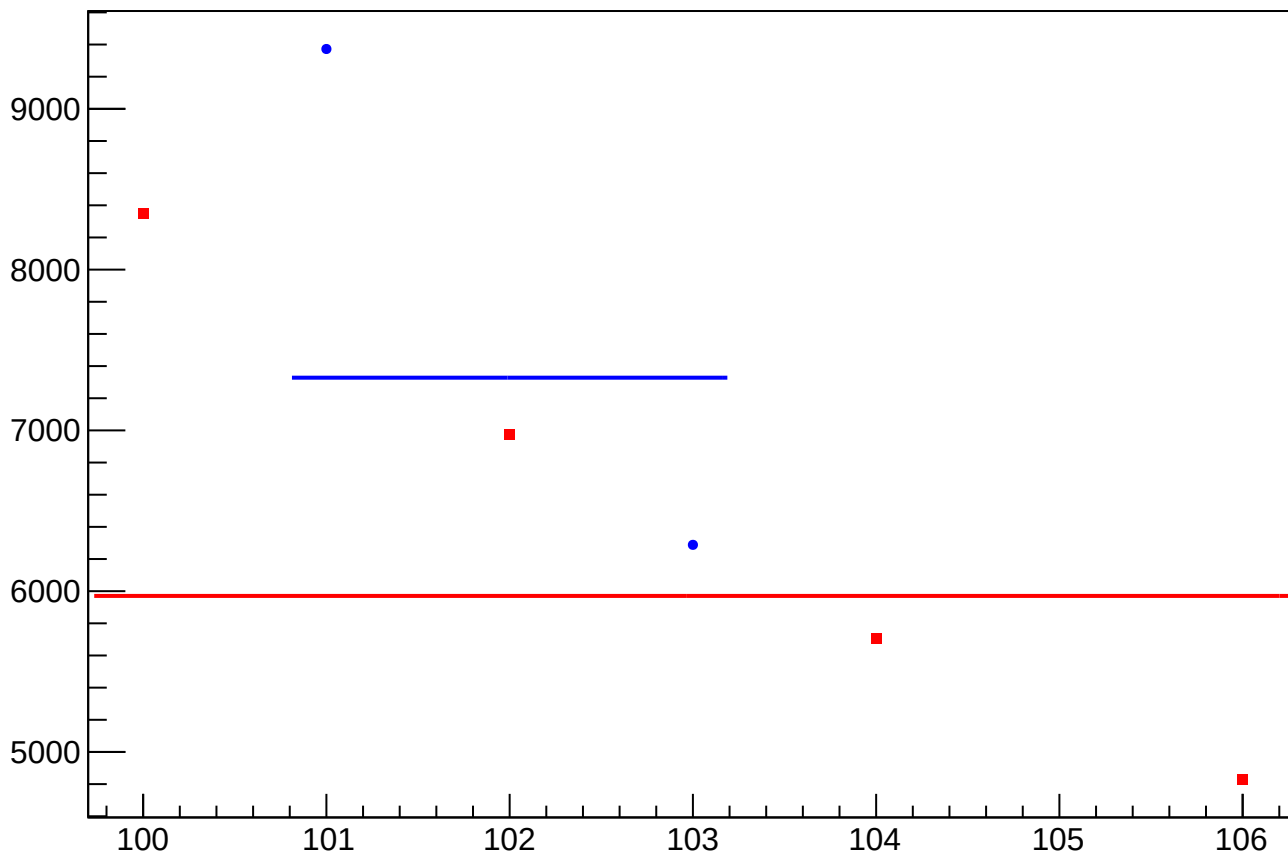
Right: -420.789+/-4083.455 χ^2/NDF : 6.3/5

In: 6669.371+/-6722.821 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.789+/-4083.455 χ^2/NDF : 6.3/5

asym_atl2_rms vs Slug, Sign Corrected



Right In: 7327.891+/-4.754 χ^2/NDF : 94061.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5970.491+/-3.635 χ^2/NDF : 62191.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

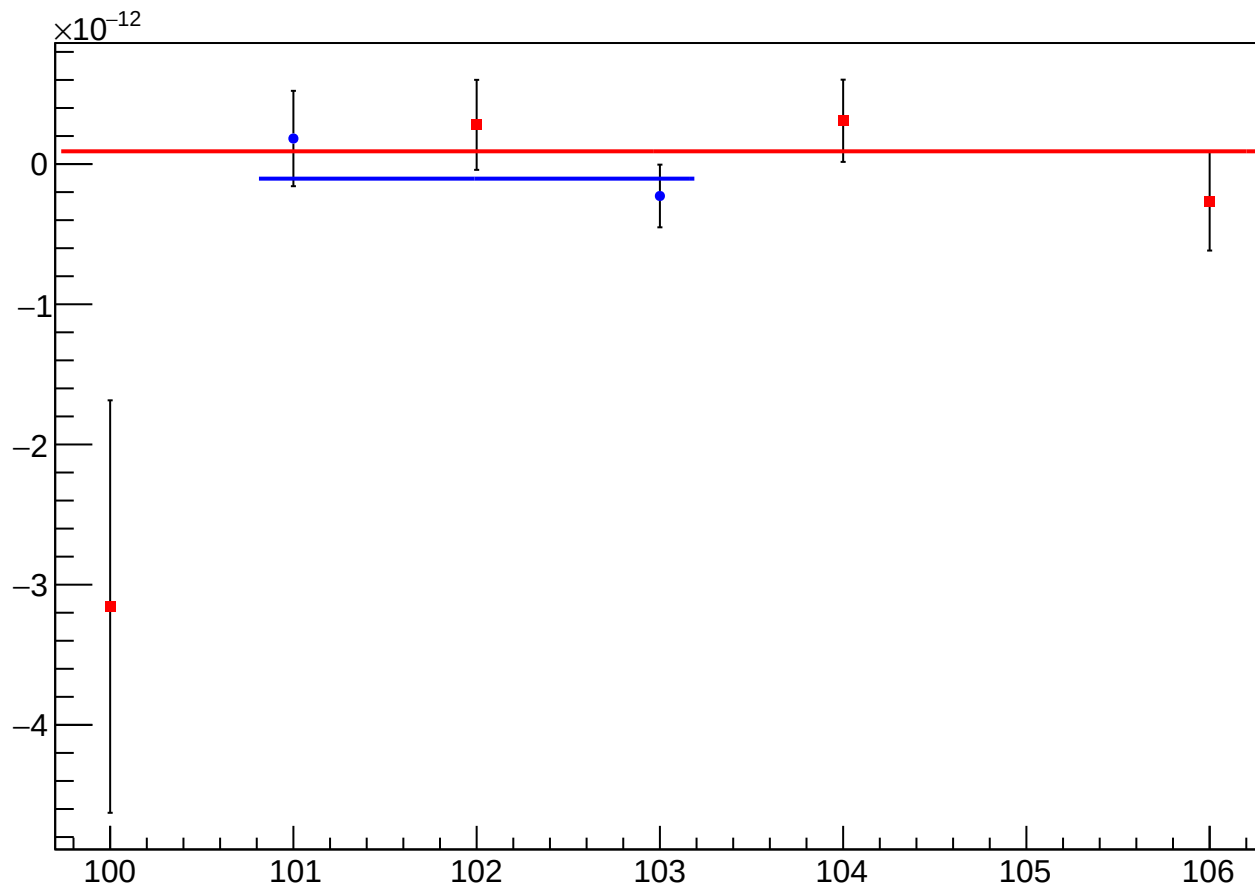
Right: 6471.285+/-2.887 χ^2/NDF : 207707.6/5

In: 7327.891+/-4.754 χ^2/NDF : 94061.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6471.285+/-2.887 χ^2/NDF : 207707.6/5

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

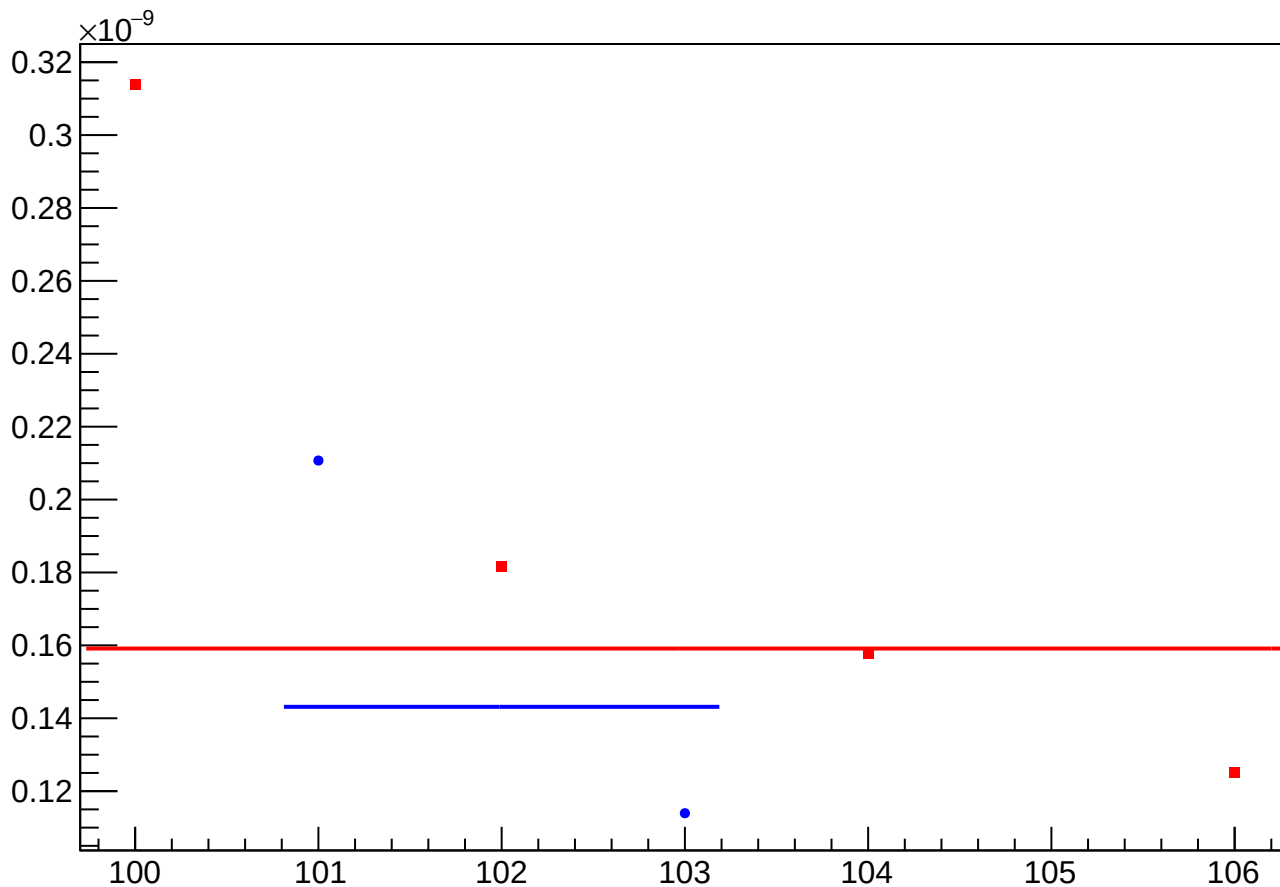
Right: -0.000+/-0.000 χ^2/NDF : 8.4/5

In: -0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/5

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 113083.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 50661.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

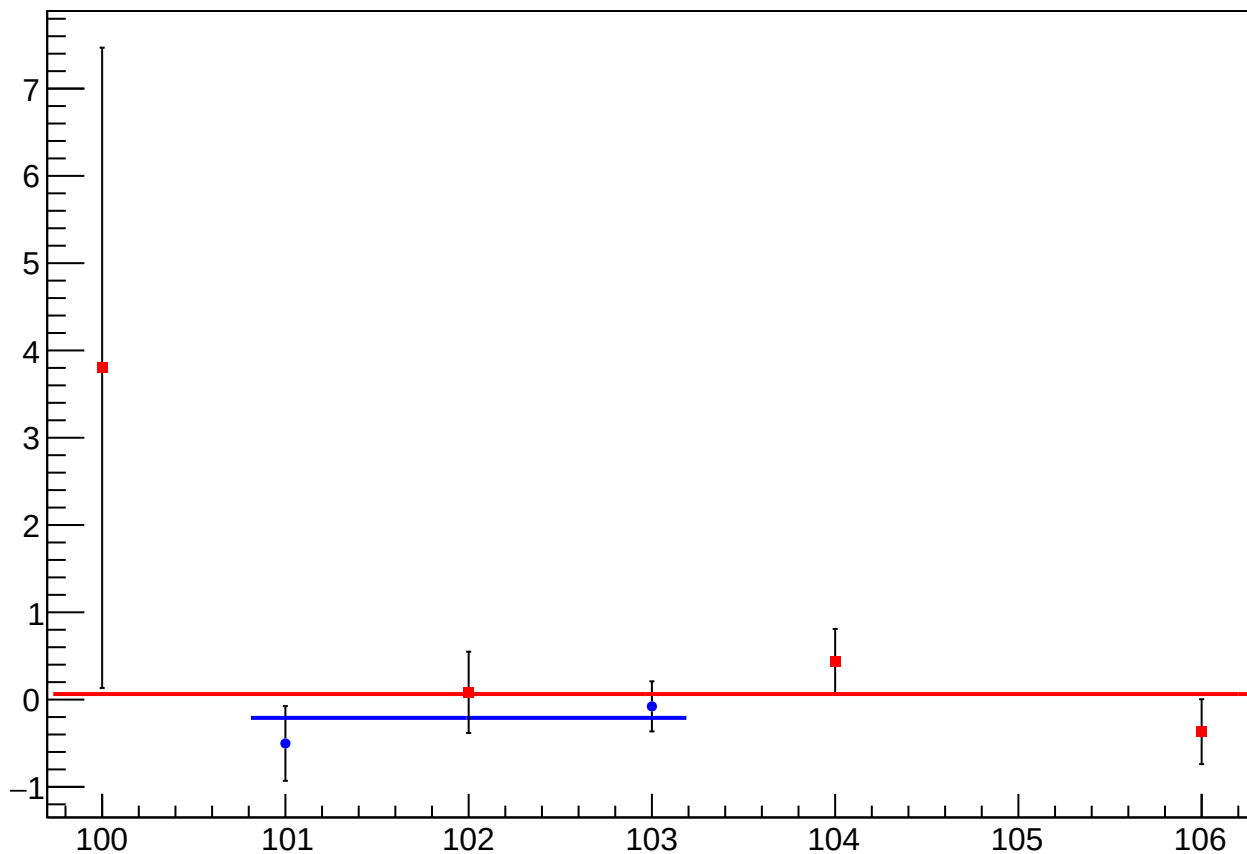
Right: 0.000+/-0.000 χ^2/NDF : 171222.6/5

In: 0.000+/-0.000 χ^2/NDF : 113083.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 171222.6/5

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.064 ± 0.228 $\chi^2/\text{NDF}: 3.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

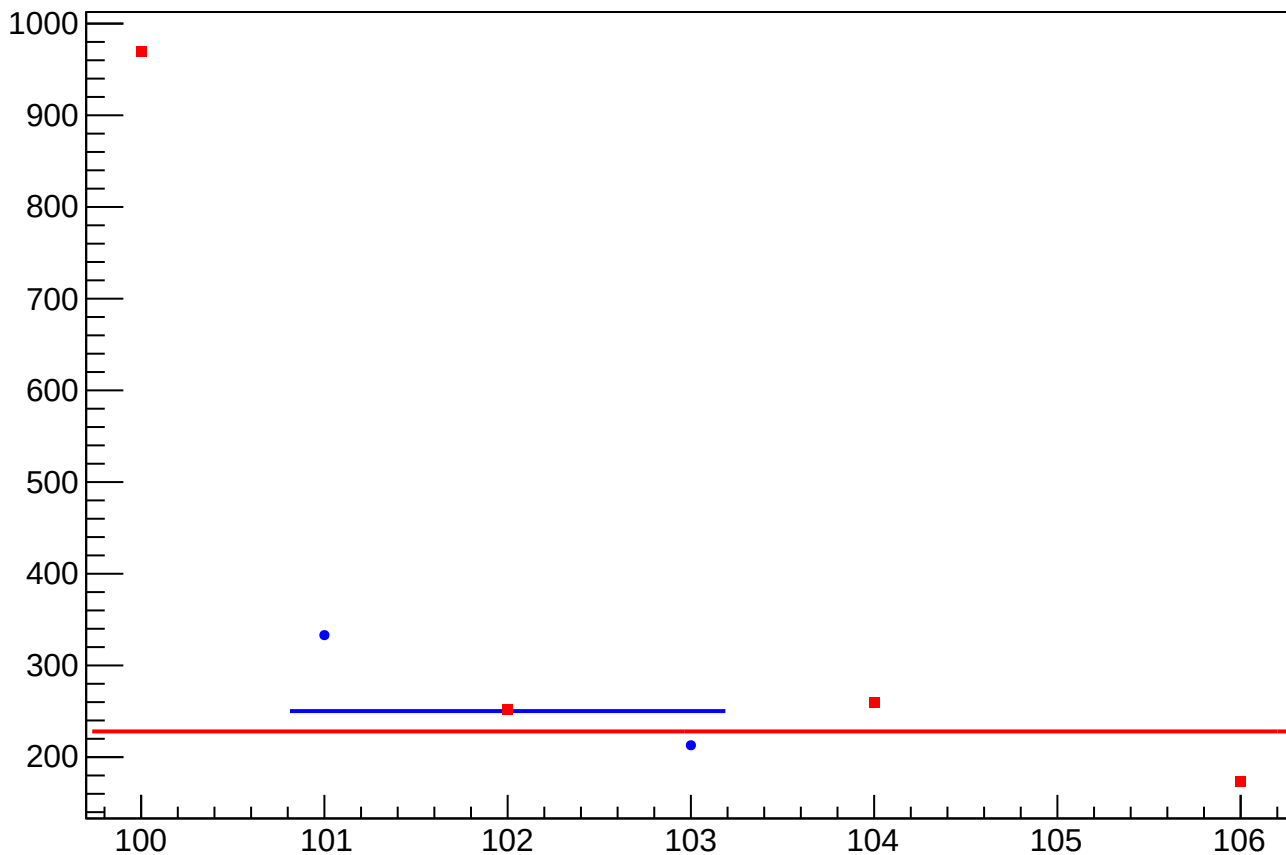
Right: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.206 $\pm$ 0.168 χ^2 /NDF: 108750.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.034 $\pm$ 0.161 χ^2 /NDF: 144888.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

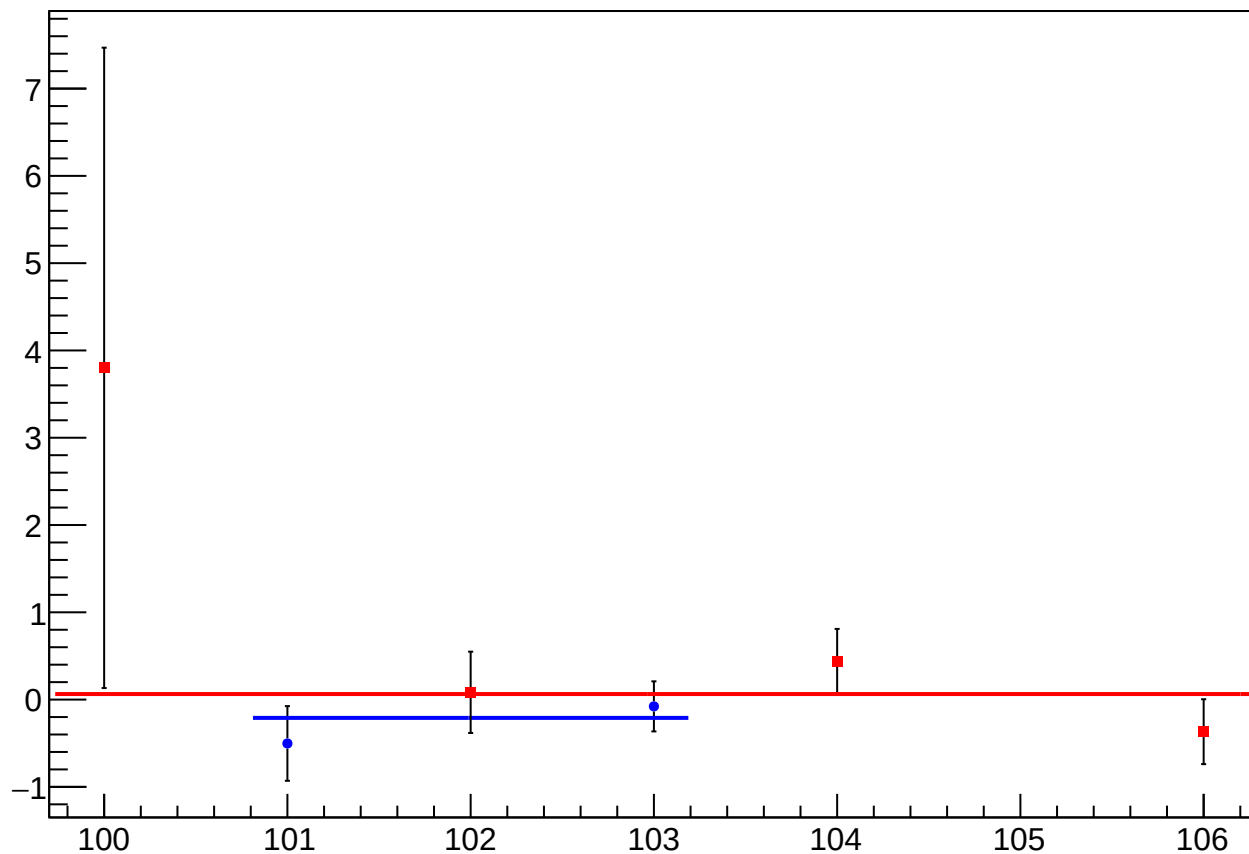
Right: 238.632 $\pm$ 0.116 χ^2 /NDF: 262677.3/5

In: 250.206 $\pm$ 0.168 χ^2 /NDF:108750.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.632 $\pm$ 0.116 χ^2 /NDF: 262677.3/5

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.064 ± 0.228 $\chi^2/\text{NDF}: 3.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

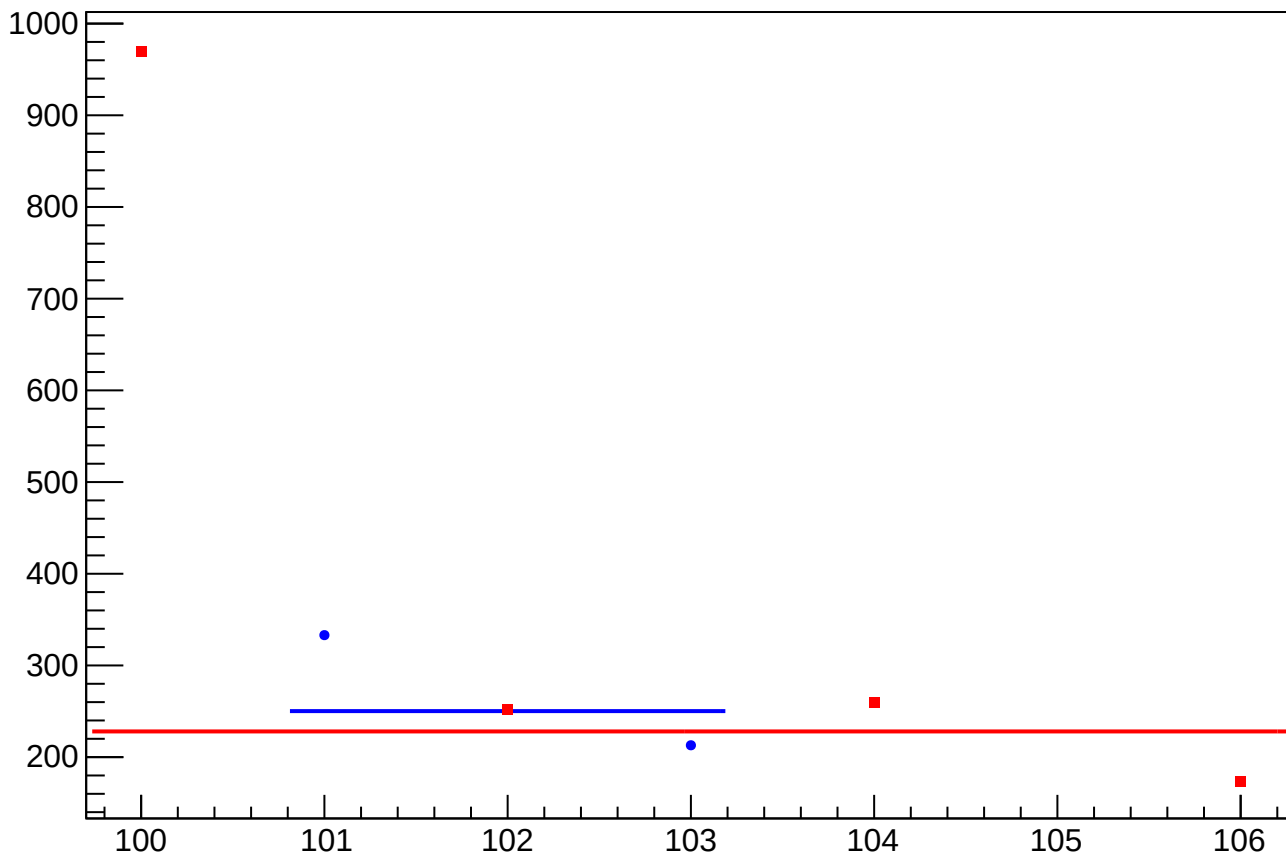
Right: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.206 $\pm$ 0.168 χ^2 /NDF: 108750.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.034 $\pm$ 0.161 χ^2 /NDF: 144888.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

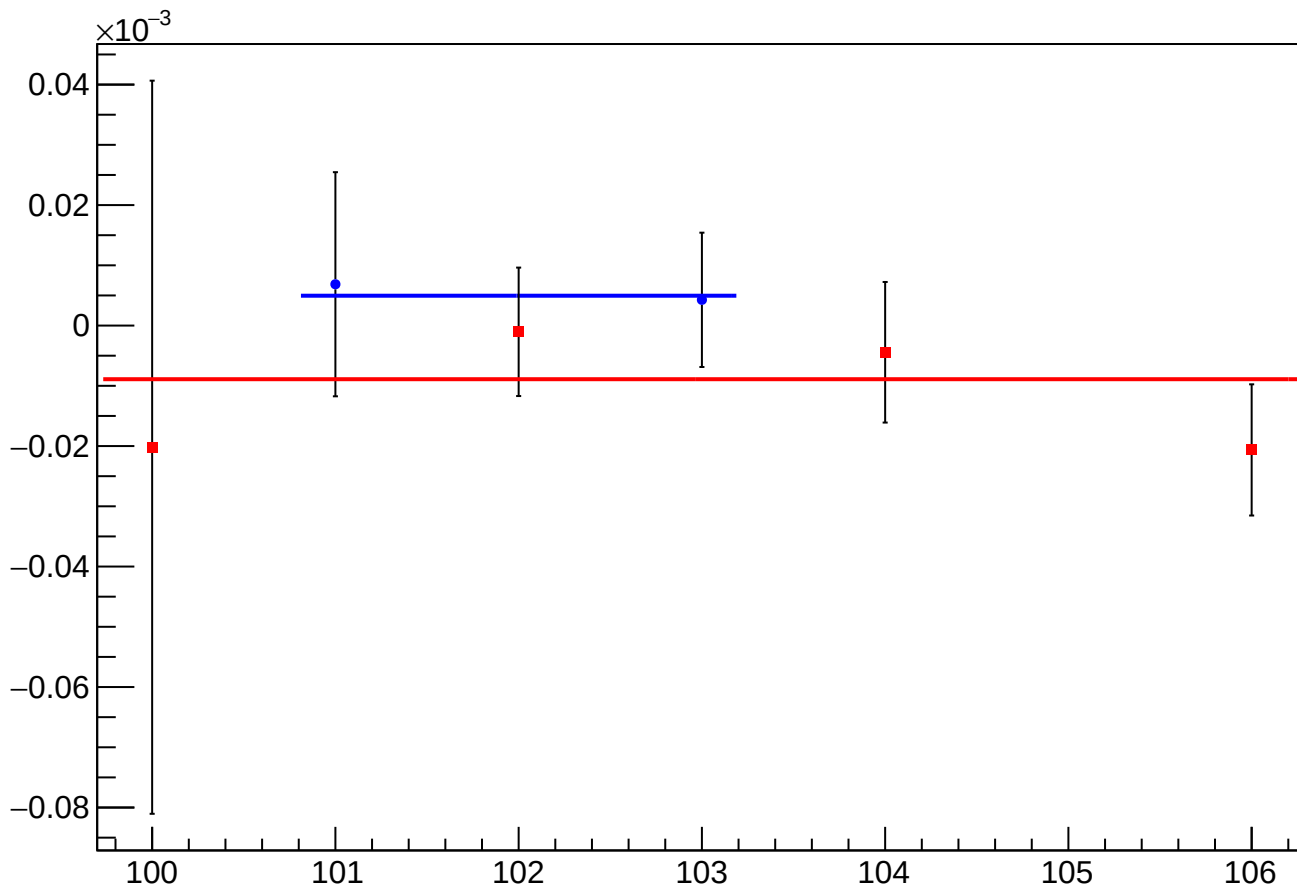
Right: 238.632 $\pm$ 0.116 χ^2 /NDF: 262677.3/5

In: 250.206 $\pm$ 0.168 χ^2 /NDF: 108750.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 238.632 $\pm$ 0.116 χ^2 /NDF: 262677.3/5

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

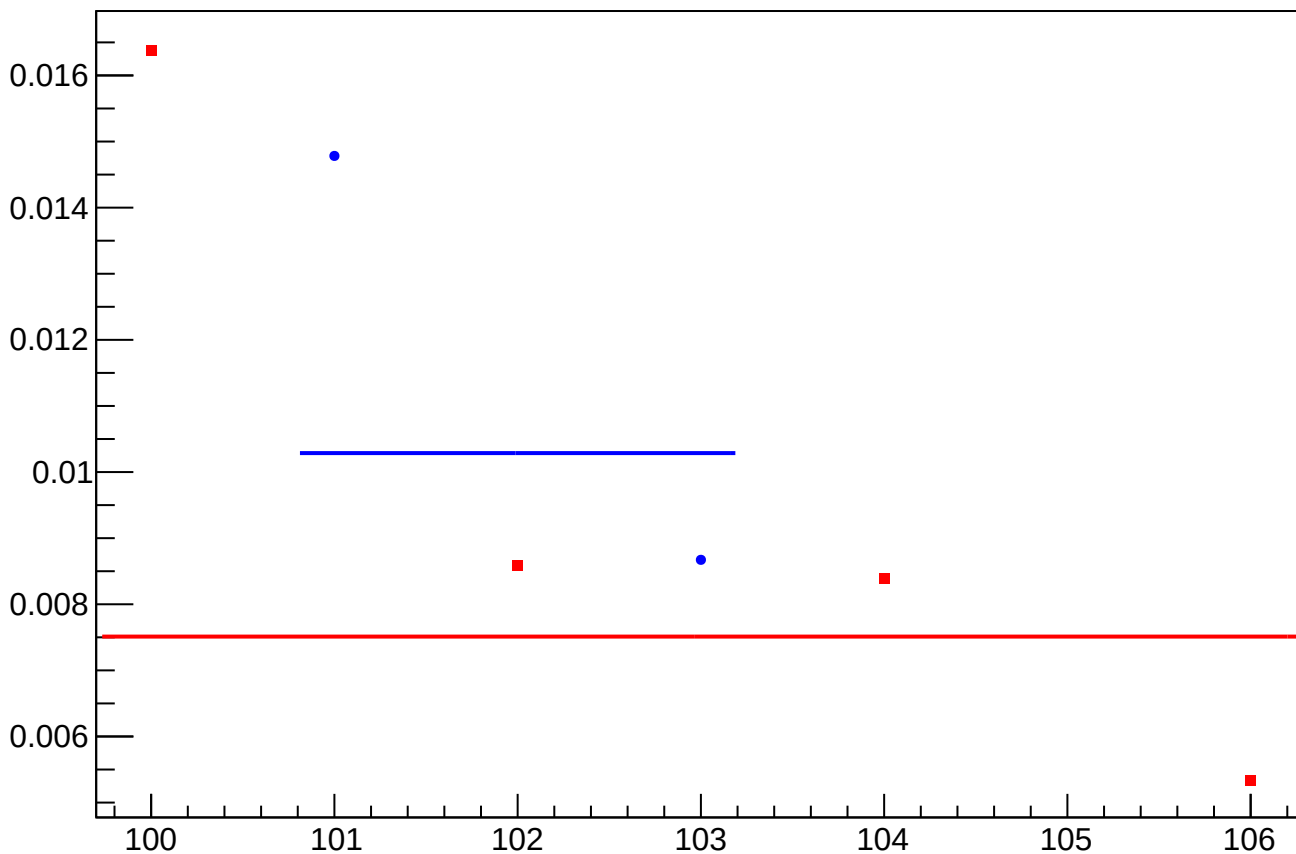
Right: -0.000+/-0.000 χ^2/NDF : 3.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/5

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 158781.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 153982.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

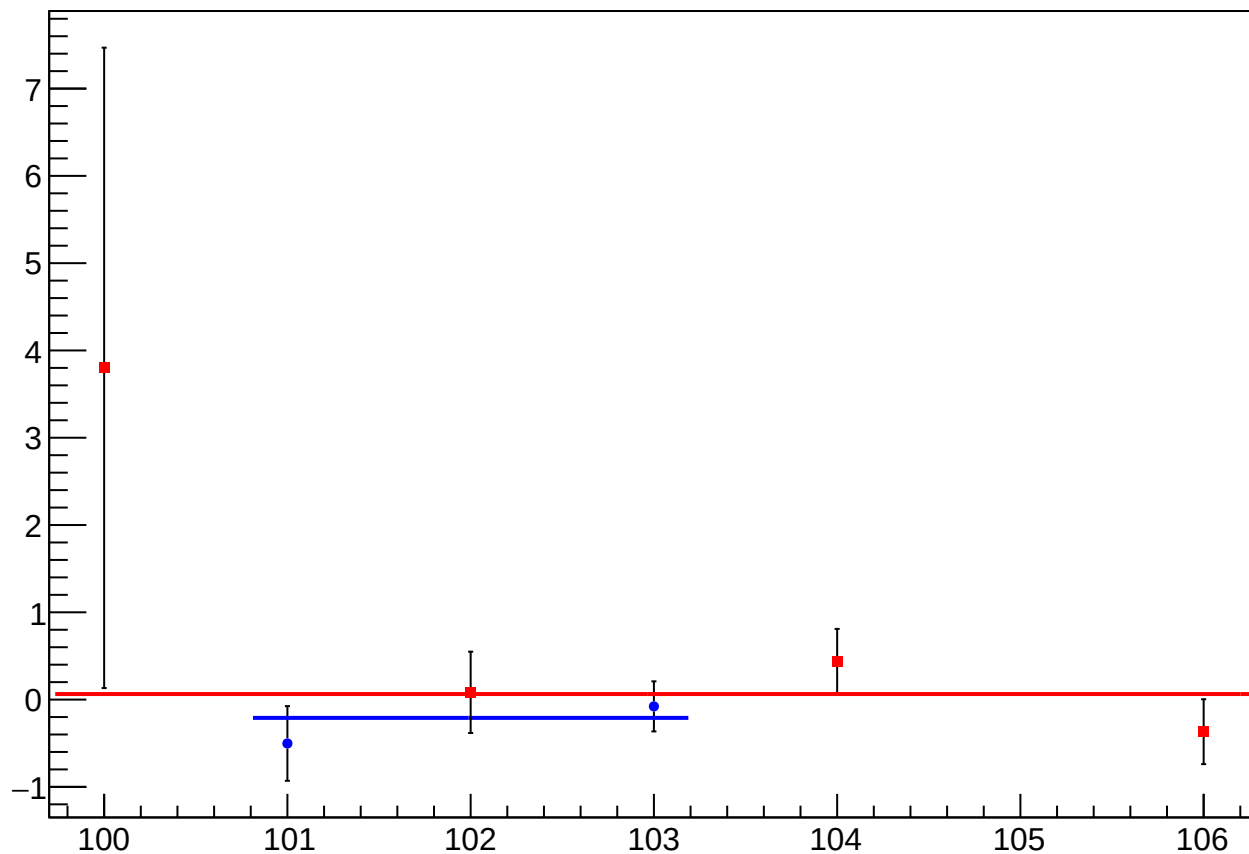
Right: 0.008+/-0.000 χ^2/NDF : 429793.4/5

In: 0.010+/-0.000 χ^2/NDF : 158781.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 429793.4/5

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.064 ± 0.228 $\chi^2/\text{NDF}: 3.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

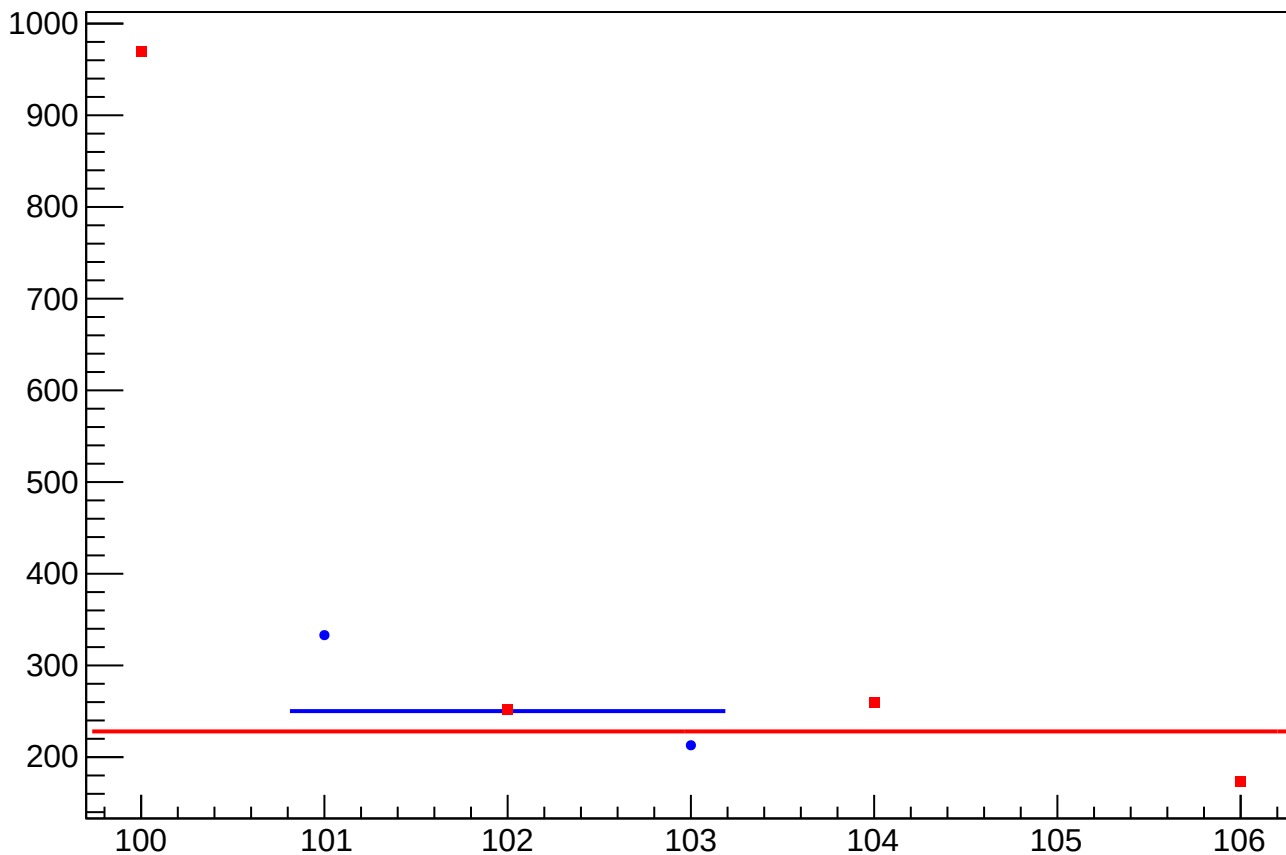
Right: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

In: -0.210 ± 0.238 $\chi^2/\text{NDF}: 0.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.067 ± 0.165 $\chi^2/\text{NDF}: 4.8/5$

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.207 $\pm$ 0.168 χ^2 /NDF: 108736.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.035 $\pm$ 0.161 χ^2 /NDF: 144890.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

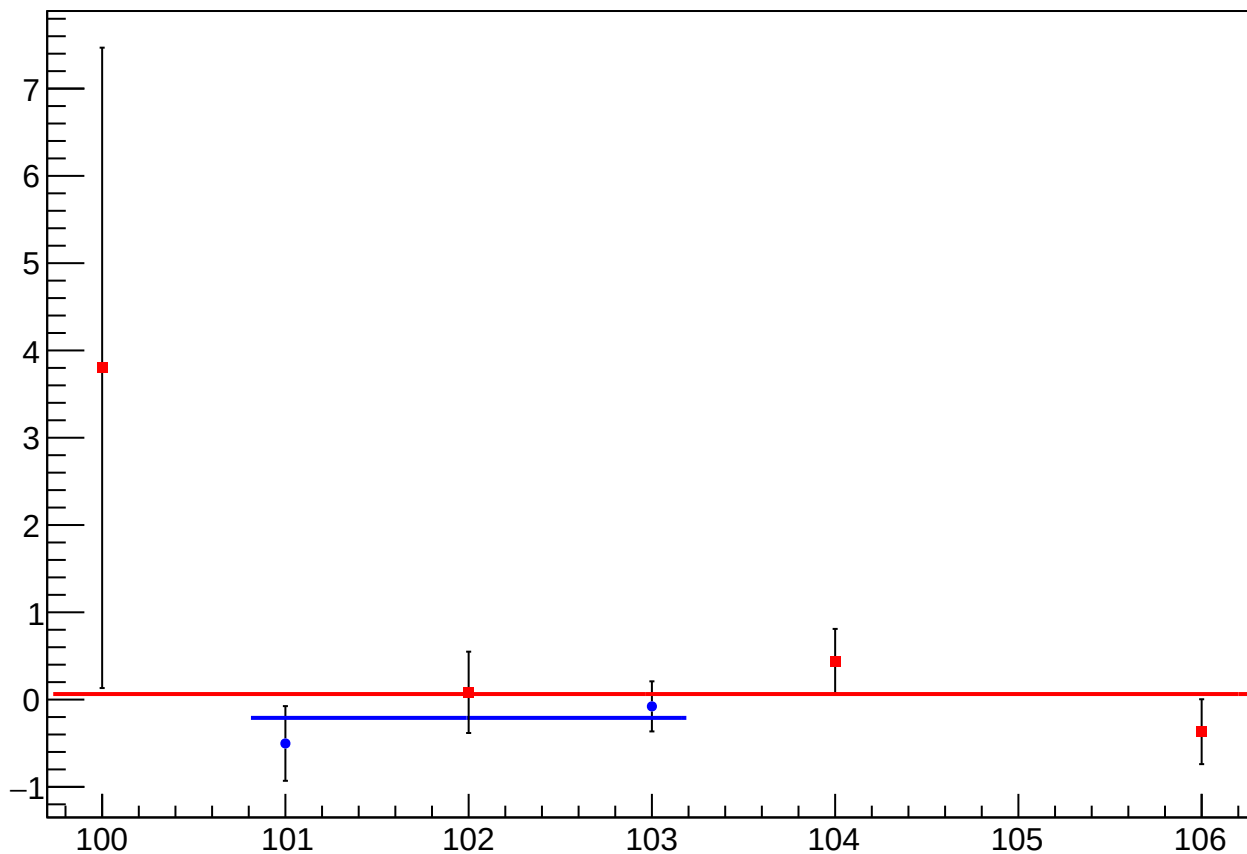
Right: 238.633 $\pm$ 0.116 χ^2 /NDF: 262665.5/5

In: 250.207 $\pm$ 0.168 χ^2 /NDF:108736.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.633 $\pm$ 0.116 χ^2 /NDF: 262665.5/5

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 ± 0.238 χ^2/NDF : 0.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.064 ± 0.228 χ^2/NDF : 3.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

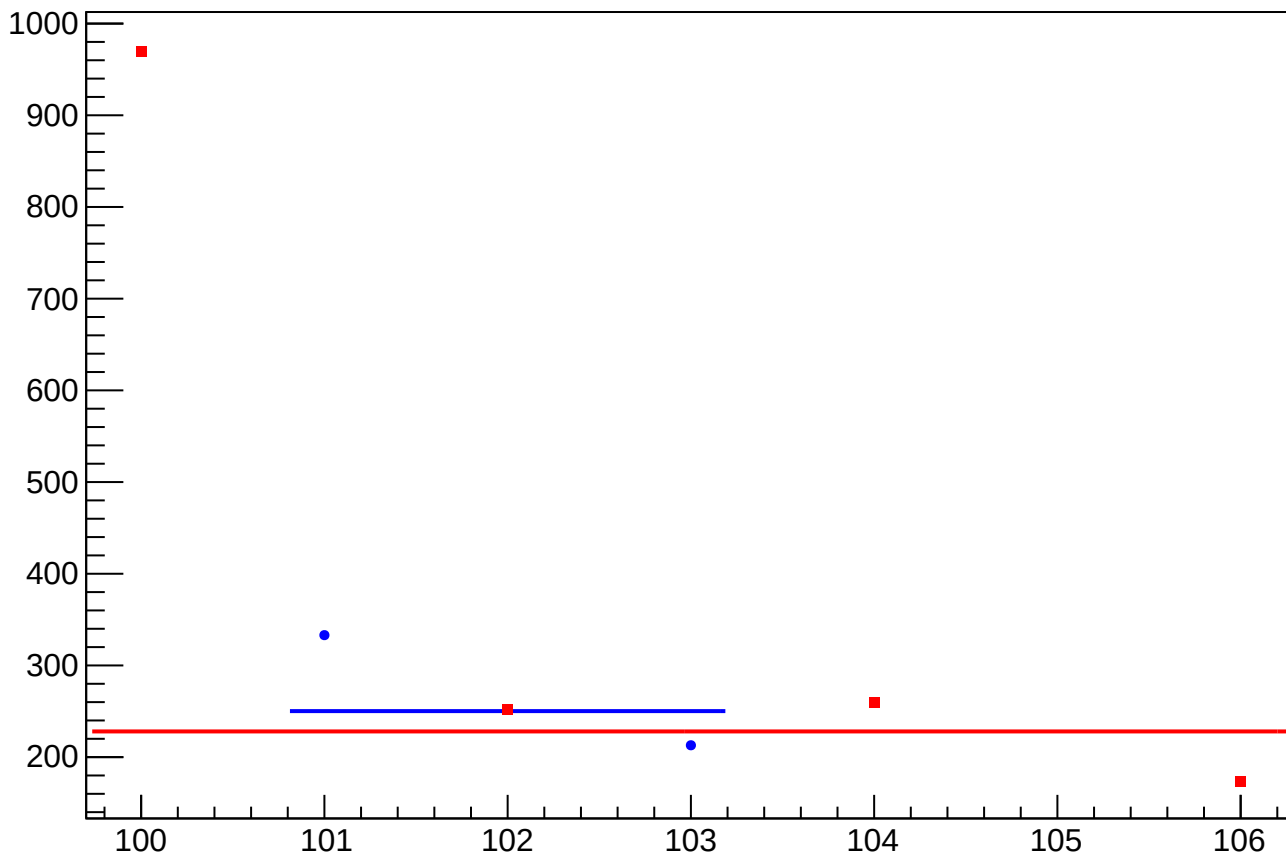
Right: -0.067 ± 0.165 χ^2/NDF : 4.8/5

In: -0.210 ± 0.238 χ^2/NDF : 0.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.165 χ^2/NDF : 4.8/5

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.207 $\pm$ 0.168 χ^2 /NDF: 108736.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.035 $\pm$ 0.161 χ^2 /NDF: 144890.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

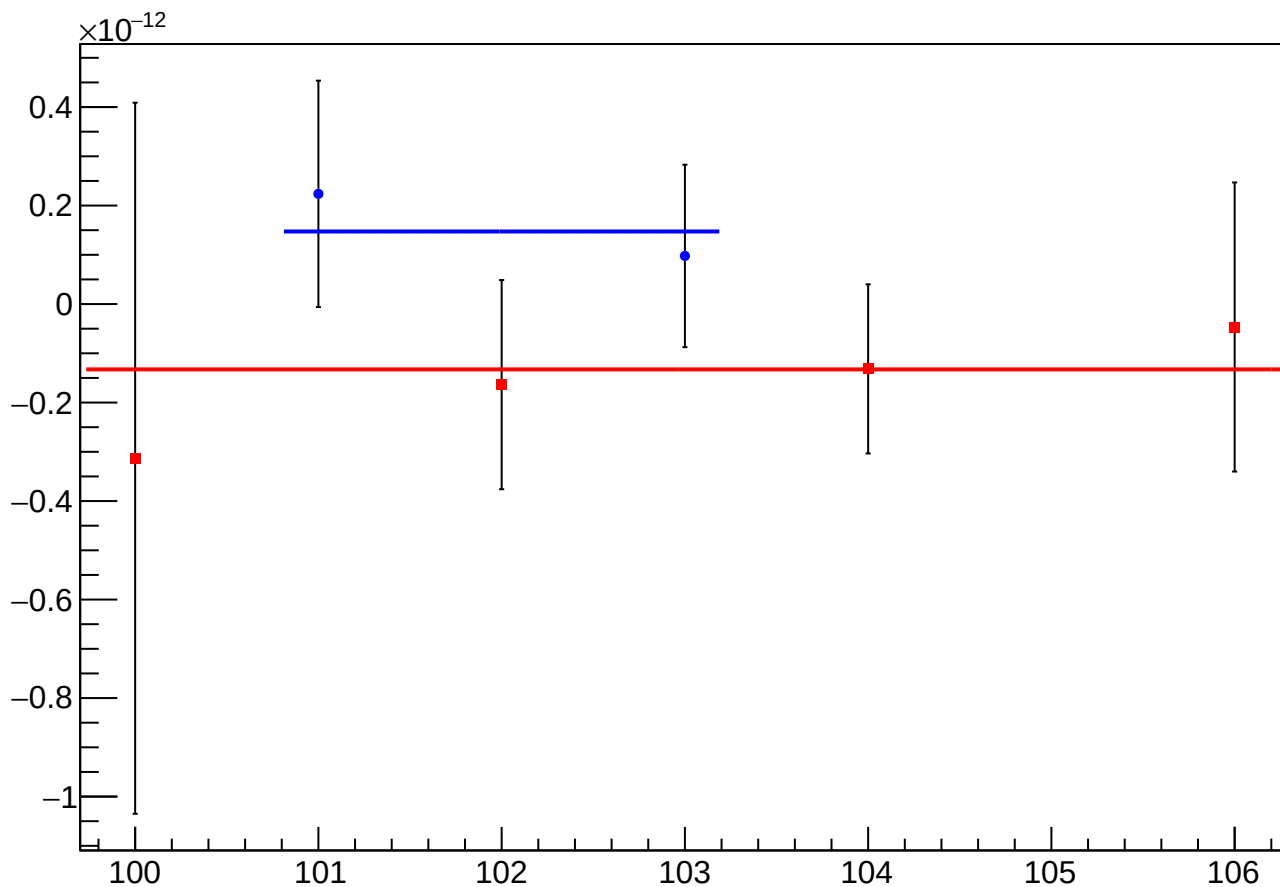
Right: 238.633 $\pm$ 0.116 χ^2 /NDF: 262665.5/5

In: 250.207 $\pm$ 0.168 χ^2 /NDF:108736.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 238.633 $\pm$ 0.116 χ^2 /NDF: 262665.5/5

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

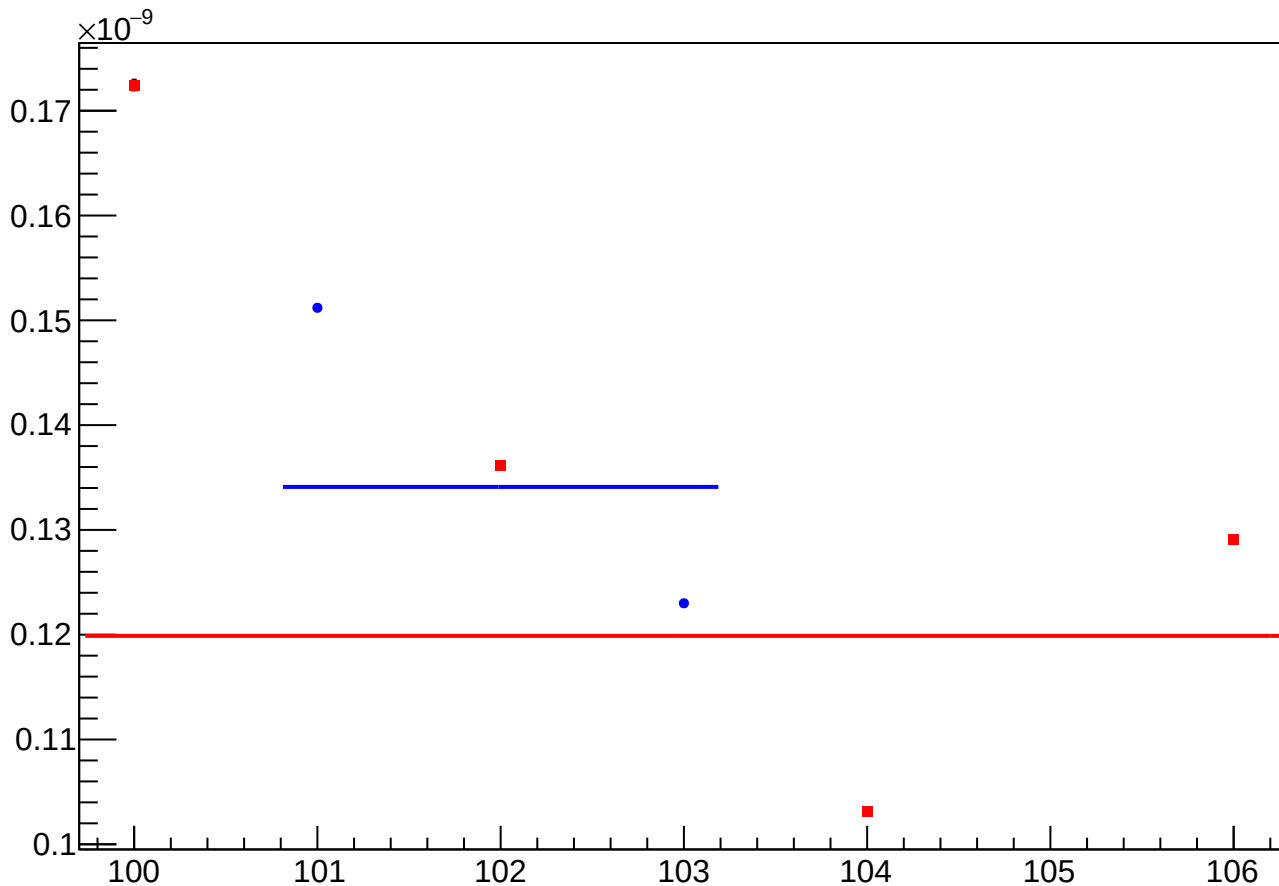
Right: -0.000+/-0.000 χ^2/NDF : 2.6/5

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.6/5

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18250.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 43374.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

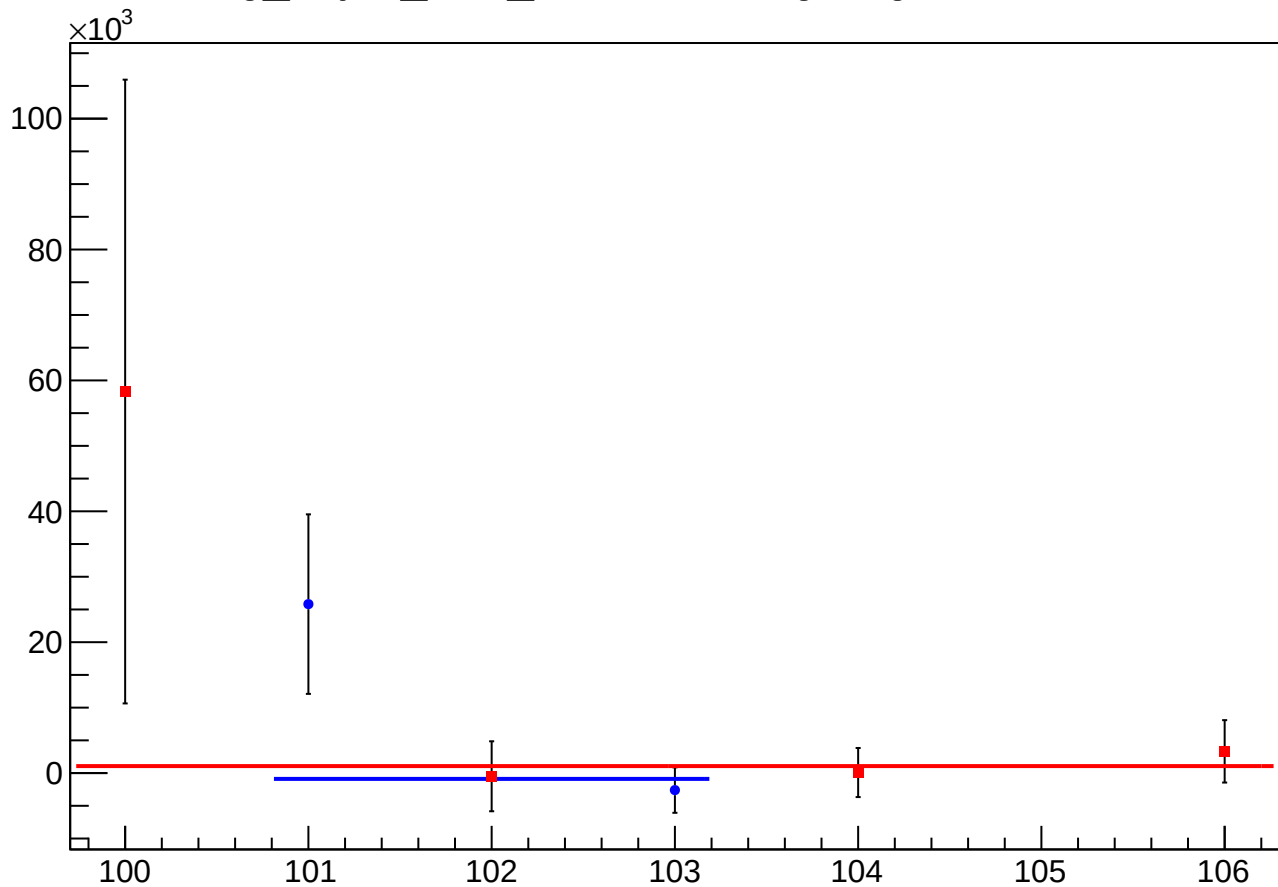
Right: 0.000+/-0.000 χ^2/NDF : 73112.8/5

In: 0.000+/-0.000 χ^2/NDF : 18250.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 73112.8/5

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: -888.906+/-3364.643 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.130+/-2577.562 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

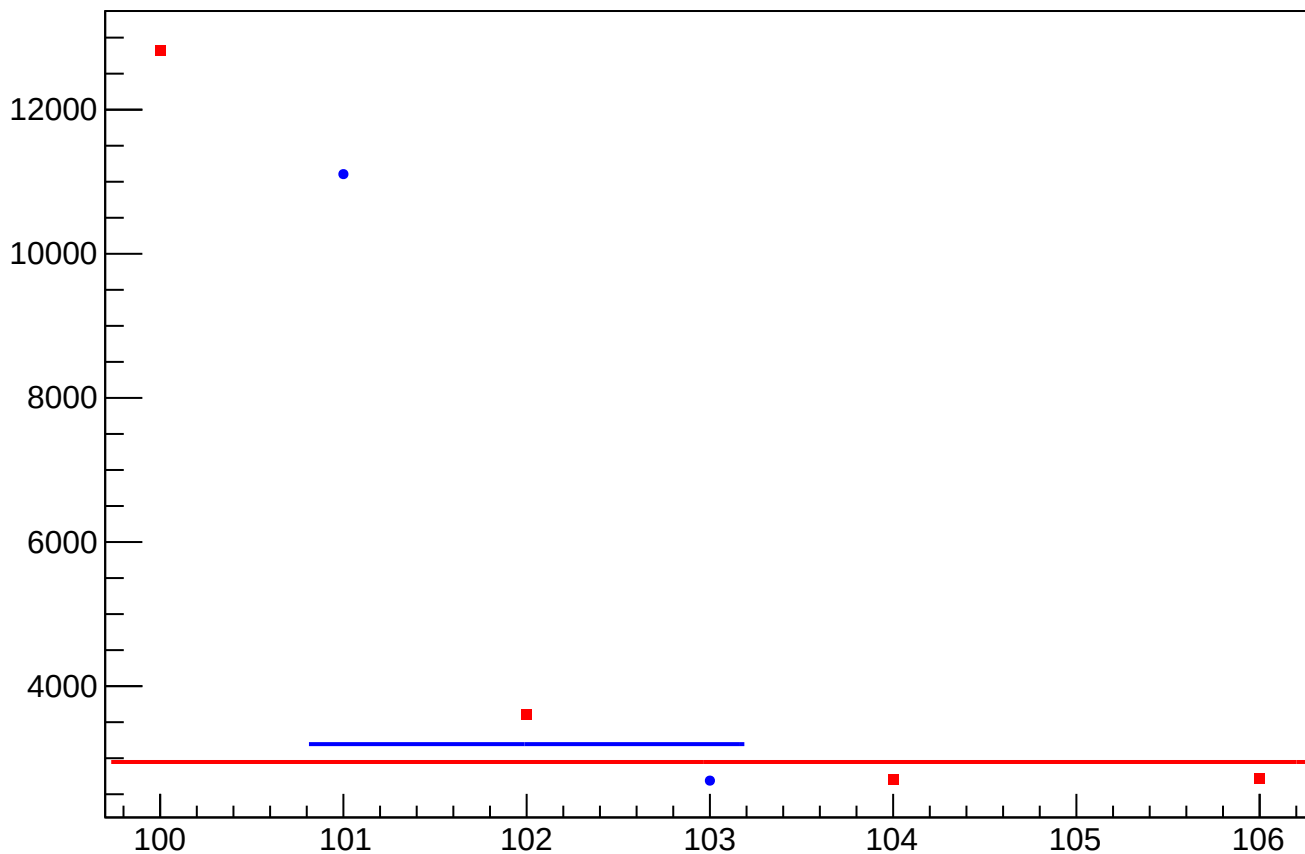
Right: 343.734+/-2046.156 χ^2/NDF : 6.1/5

In: -888.906+/-3364.643 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.734+/-2046.156 χ^2/NDF : 6.1/5

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.457+/-2.379 χ^2/NDF : 707770.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2947.587+/-1.823 χ^2/NDF : 129375.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

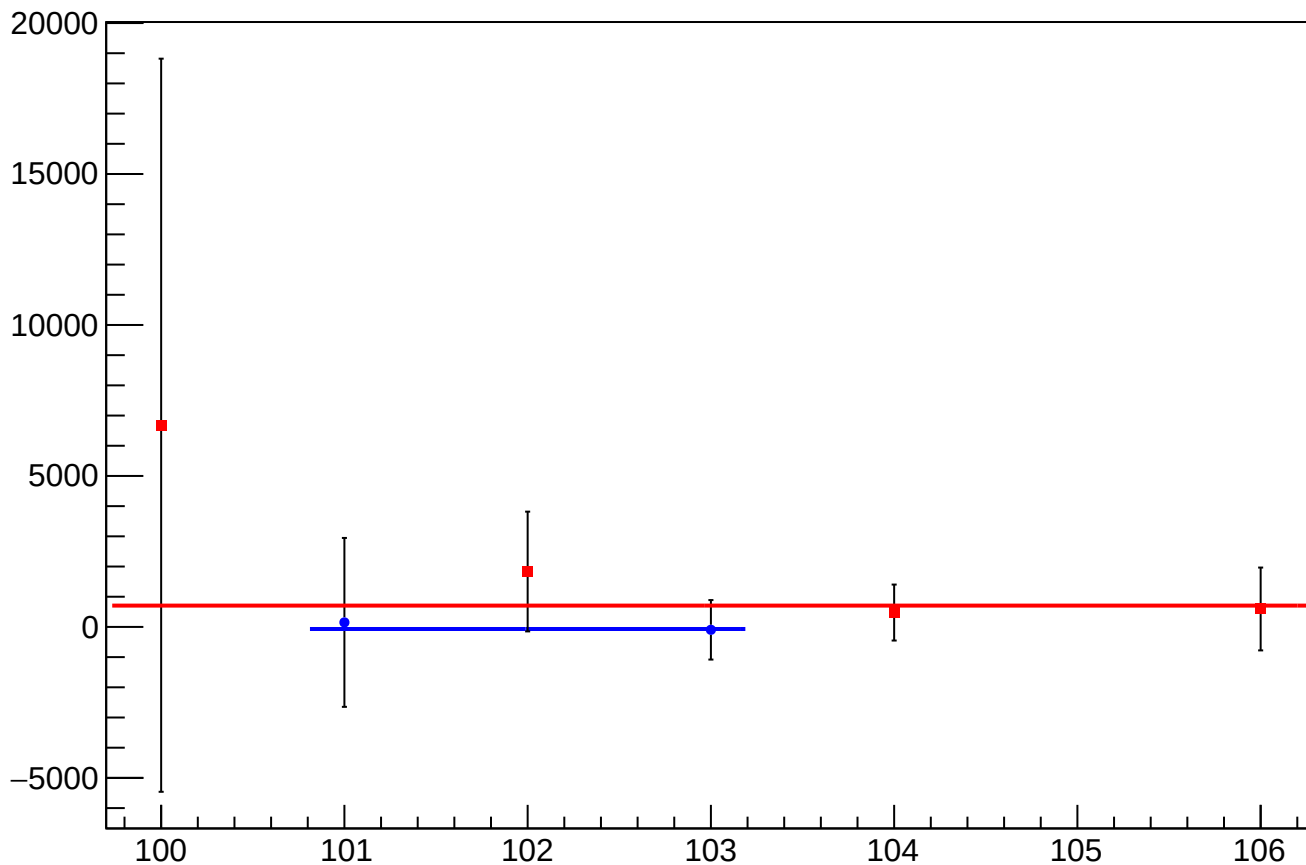
Right: 3039.256+/-1.447 χ^2/NDF : 843985.2/5

In: 3195.457+/-2.379 χ^2/NDF : 707770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3039.256+/-1.447 χ^2/NDF : 843985.2/5

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: -68.722 $\pm$ 929.320 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 706.208 $\pm$ 714.948 χ^2 /NDF: 0.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

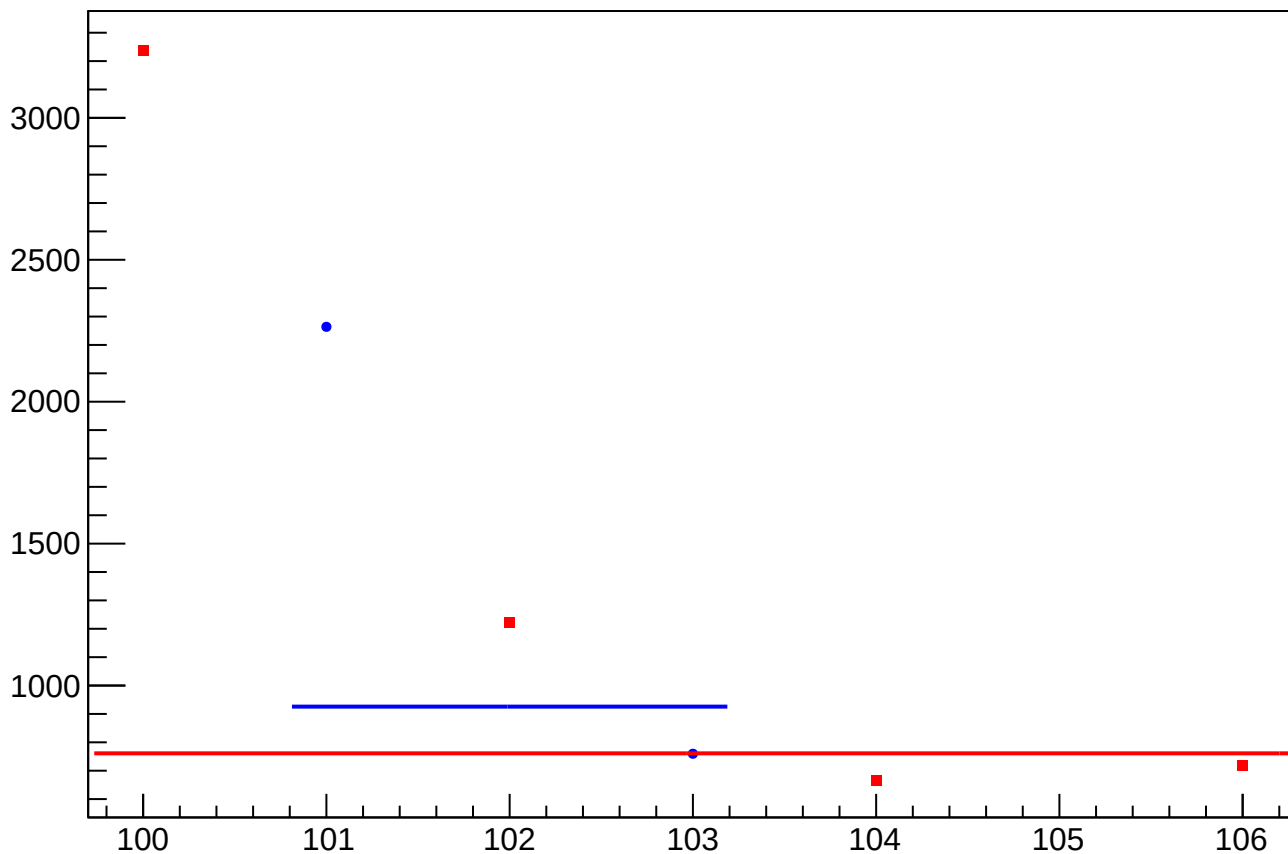
Right: 418.086 $\pm$ 566.660 χ^2 /NDF: 1.1/5

In: -68.722 $\pm$ 929.320 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 418.086 $\pm$ 566.660 χ^2 /NDF: 1.1/5

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 925.764+/-0.657 χ^2/NDF : 514533.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 761.167+/-0.506 χ^2/NDF : 214775.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

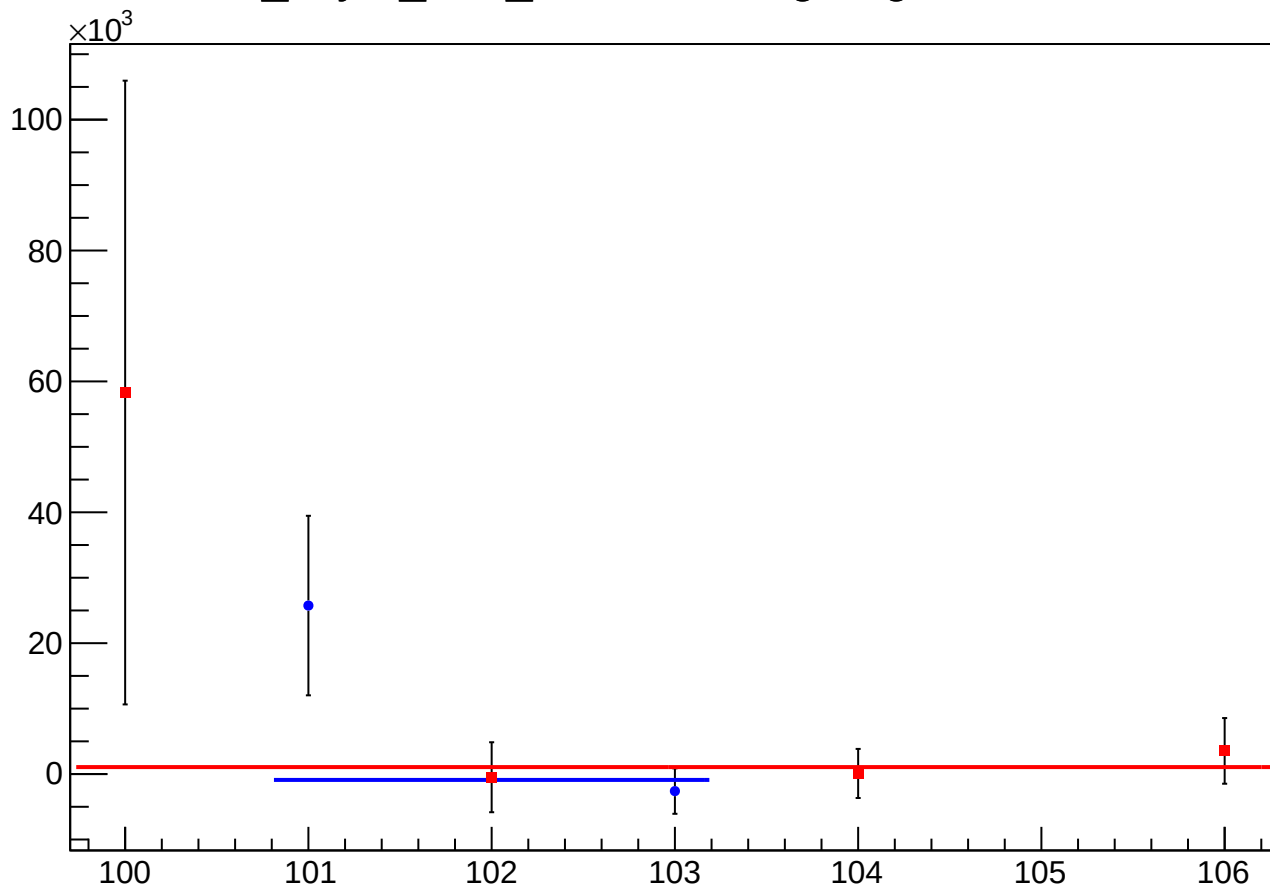
Right: 822.365+/-0.401 χ^2/NDF : 768722.6/5

In: 925.764+/-0.657 χ^2/NDF : 514533.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.365+/-0.401 χ^2/NDF : 768722.6/5

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097 ± 3364.648 $\chi^2/\text{NDF}: 4.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1066.377 ± 2615.023 $\chi^2/\text{NDF}: 1.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

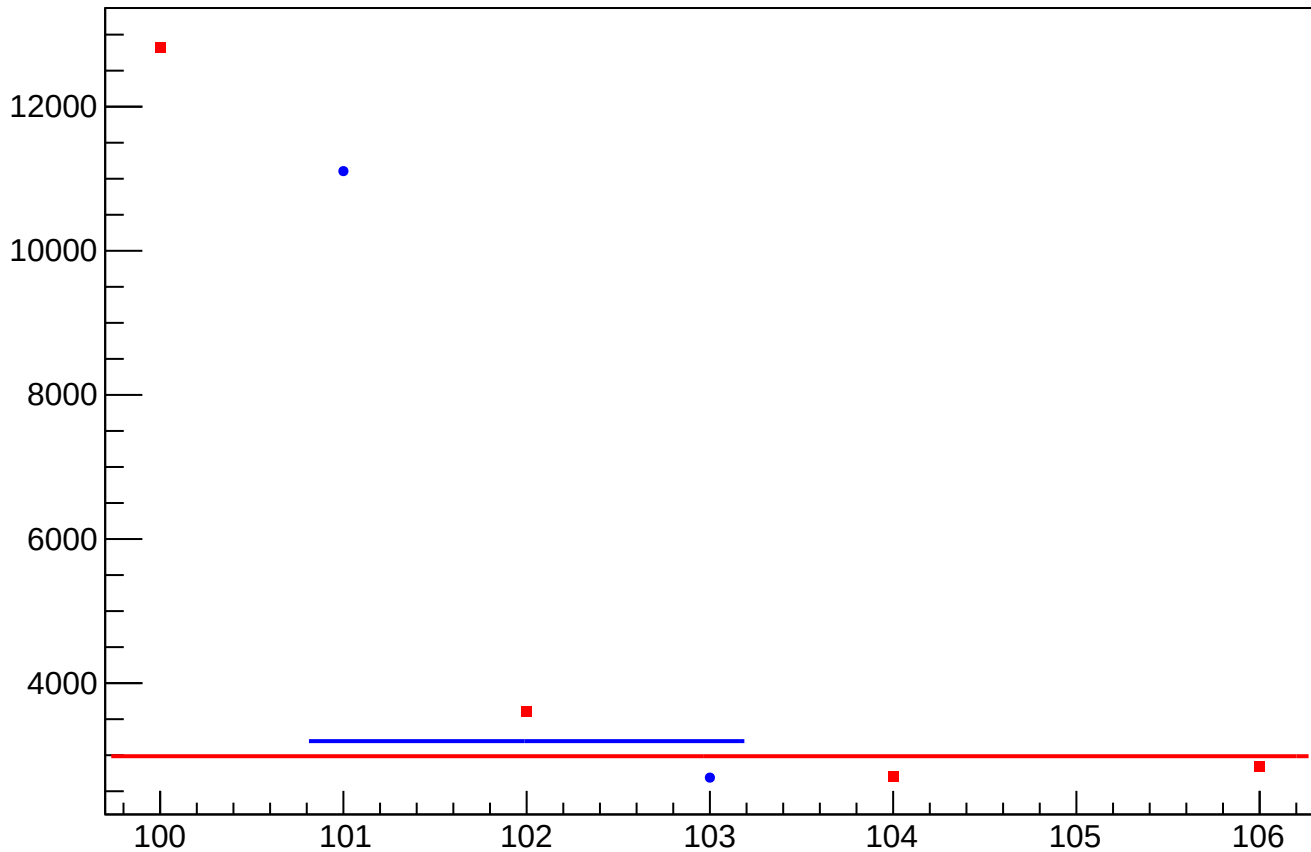
Right: 327.730 ± 2064.747 $\chi^2/\text{NDF}: 6.1/5$

In: -895.097 ± 3364.648 $\chi^2/\text{NDF}: 4.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 327.730 ± 2064.747 $\chi^2/\text{NDF}: 6.1/5$

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2986.116+/-1.849 χ^2/NDF : 125377.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

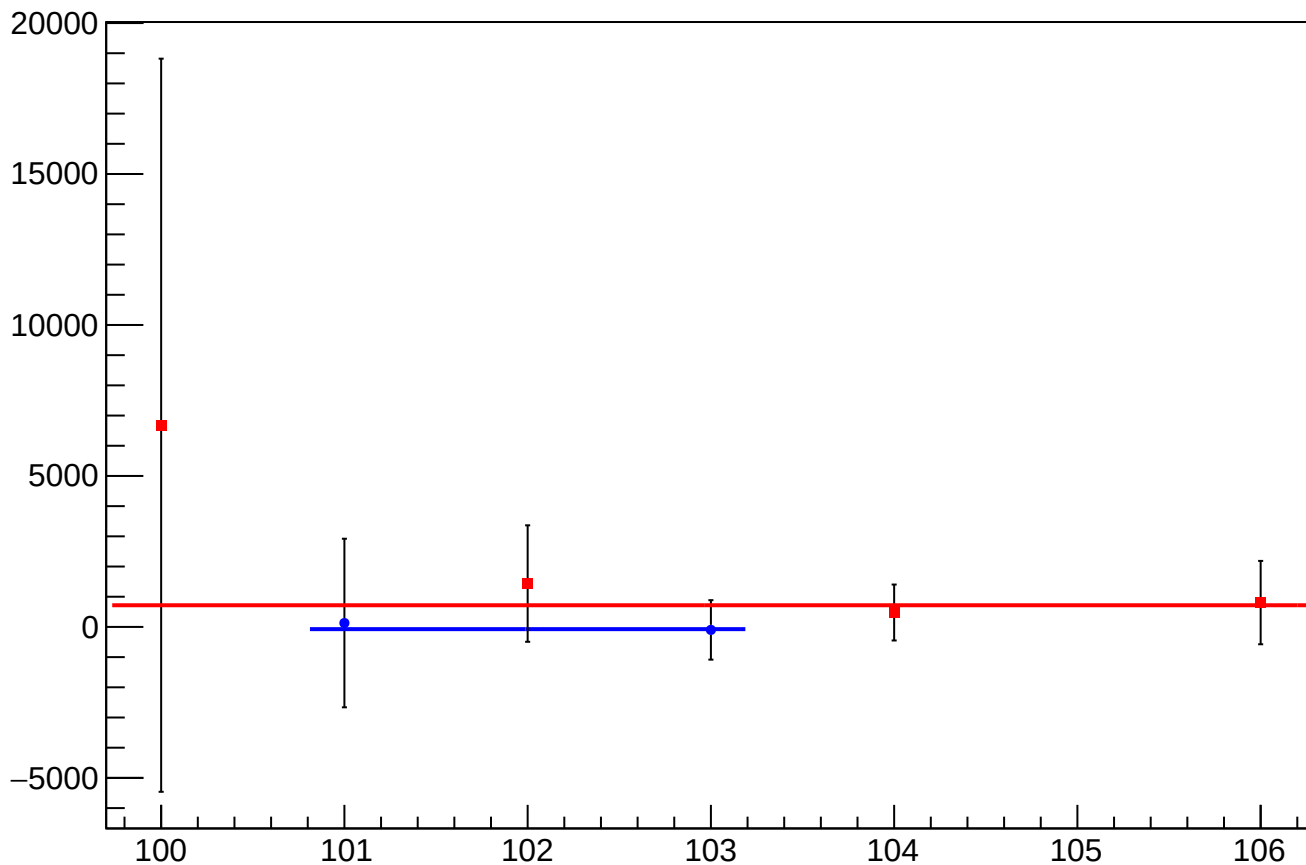
Right: 3064.949+/-1.460 χ^2/NDF : 837973.3/5

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3064.949+/-1.460 χ^2/NDF : 837973.3/5

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.532 ± 928.788 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 717.760 ± 713.263 χ^2/NDF : 0.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

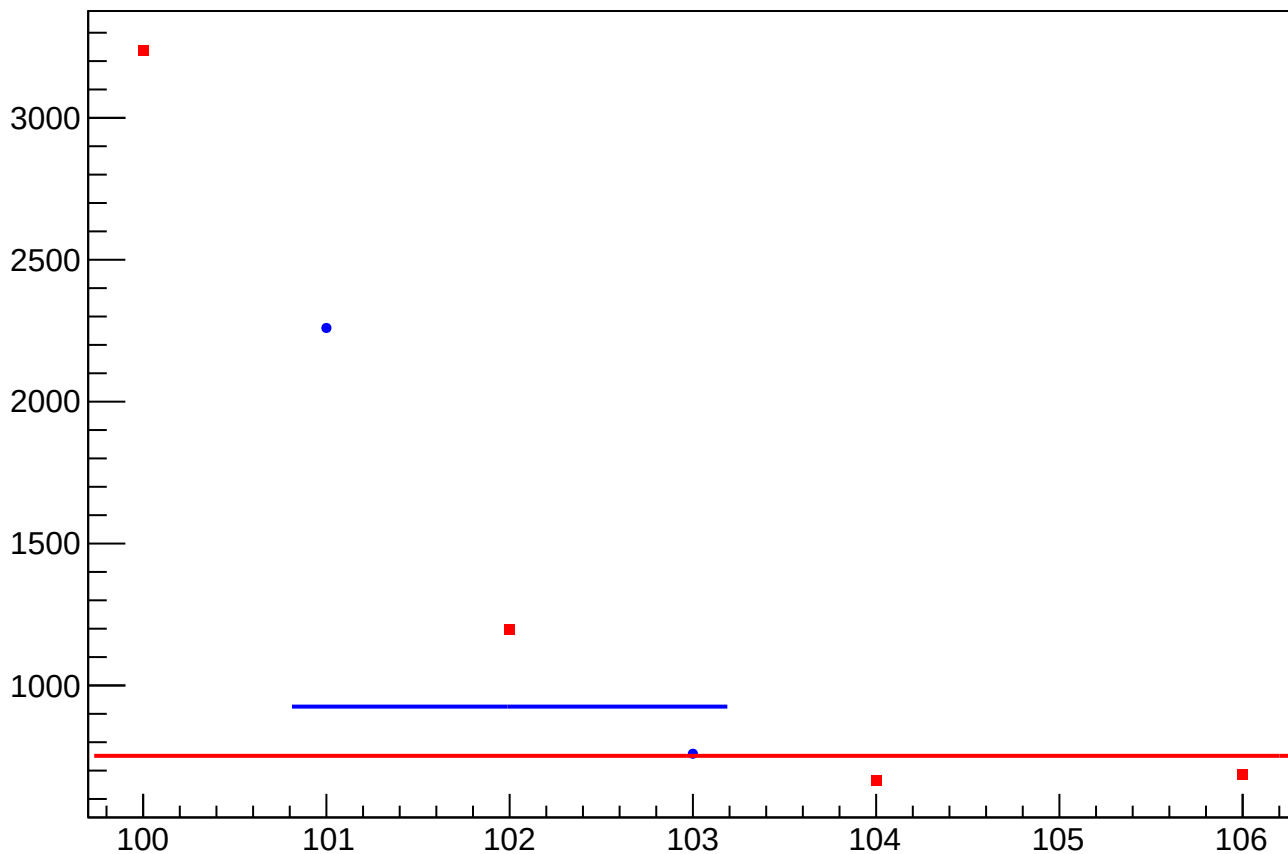
Right: 424.215 ± 565.699 χ^2/NDF : 0.9/5

In: -73.532 ± 928.788 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 424.215 ± 565.699 χ^2/NDF : 0.9/5

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.999+/-0.504 χ^2/NDF : 213432.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

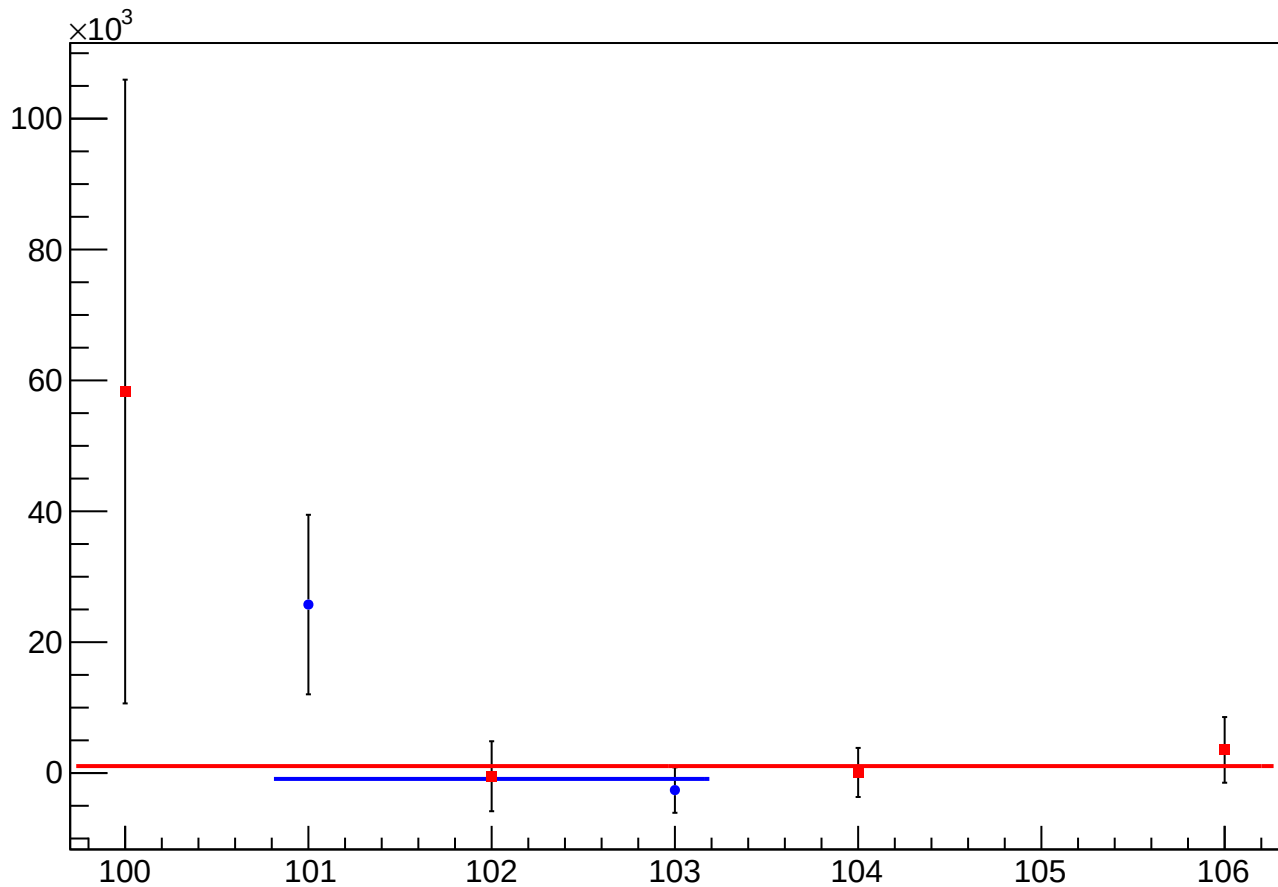
Right: 816.347+/-0.400 χ^2/NDF : 771041.5/5

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.347+/-0.400 χ^2/NDF : 771041.5/5

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097+/-3364.648 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1066.377+/-2615.023 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

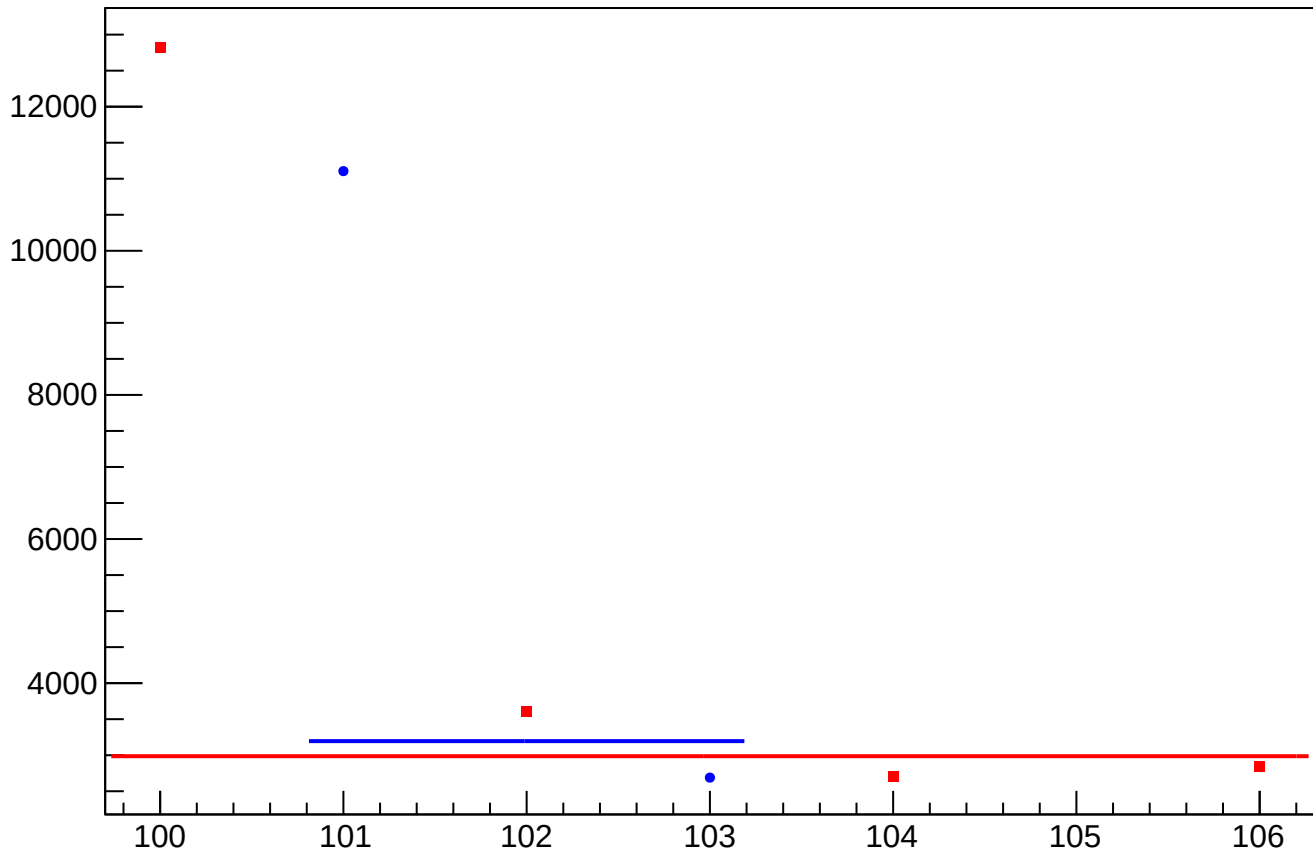
Right: 327.730+/-2064.747 χ^2/NDF : 6.1/5

In: -895.097+/-3364.648 χ^2/NDF :4.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 327.730+/-2064.747 χ^2/NDF : 6.1/5

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2986.116+/-1.849 χ^2/NDF : 125377.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

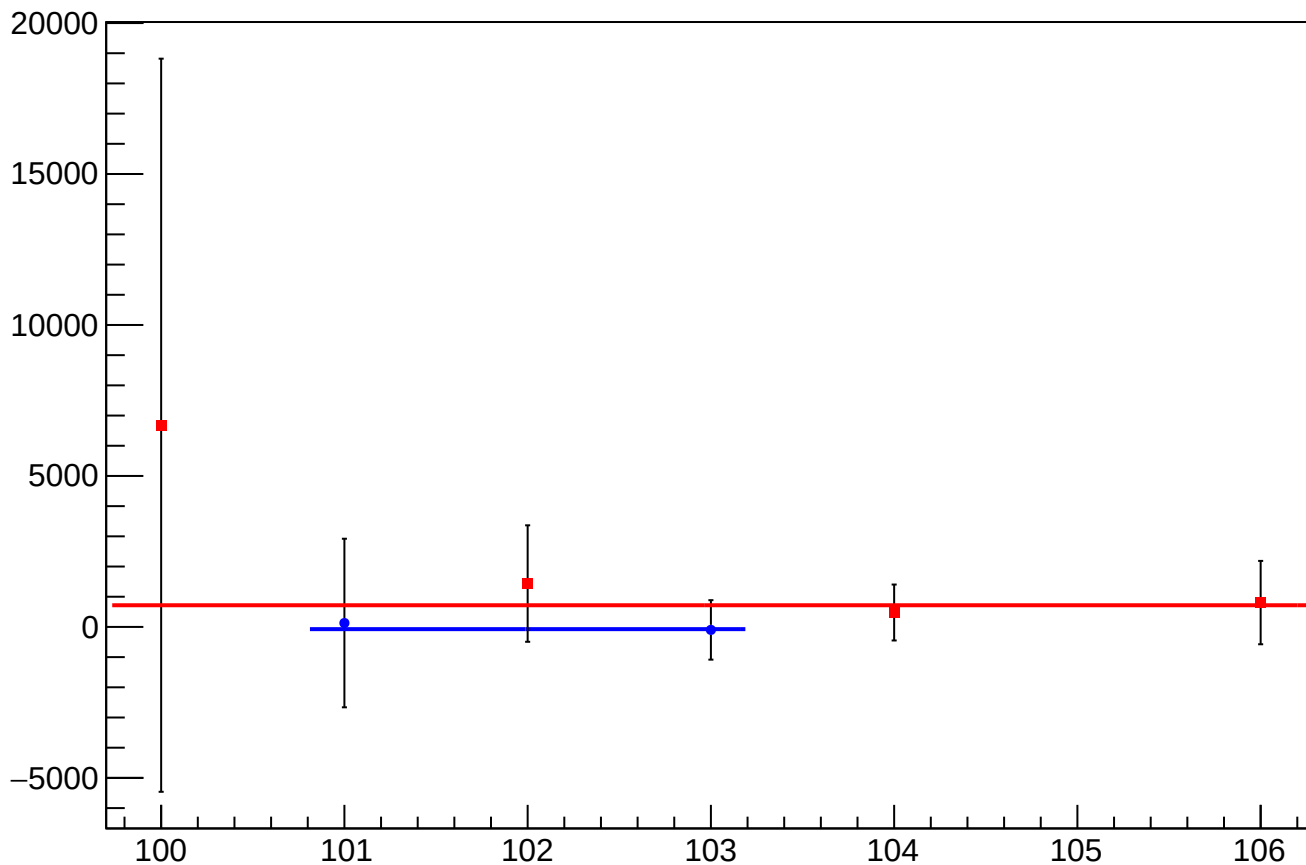
Right: 3064.949+/-1.460 χ^2/NDF : 837973.3/5

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3064.949+/-1.460 χ^2/NDF : 837973.3/5

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.532 ± 928.788 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 717.760 ± 713.263 $\chi^2/\text{NDF}: 0.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

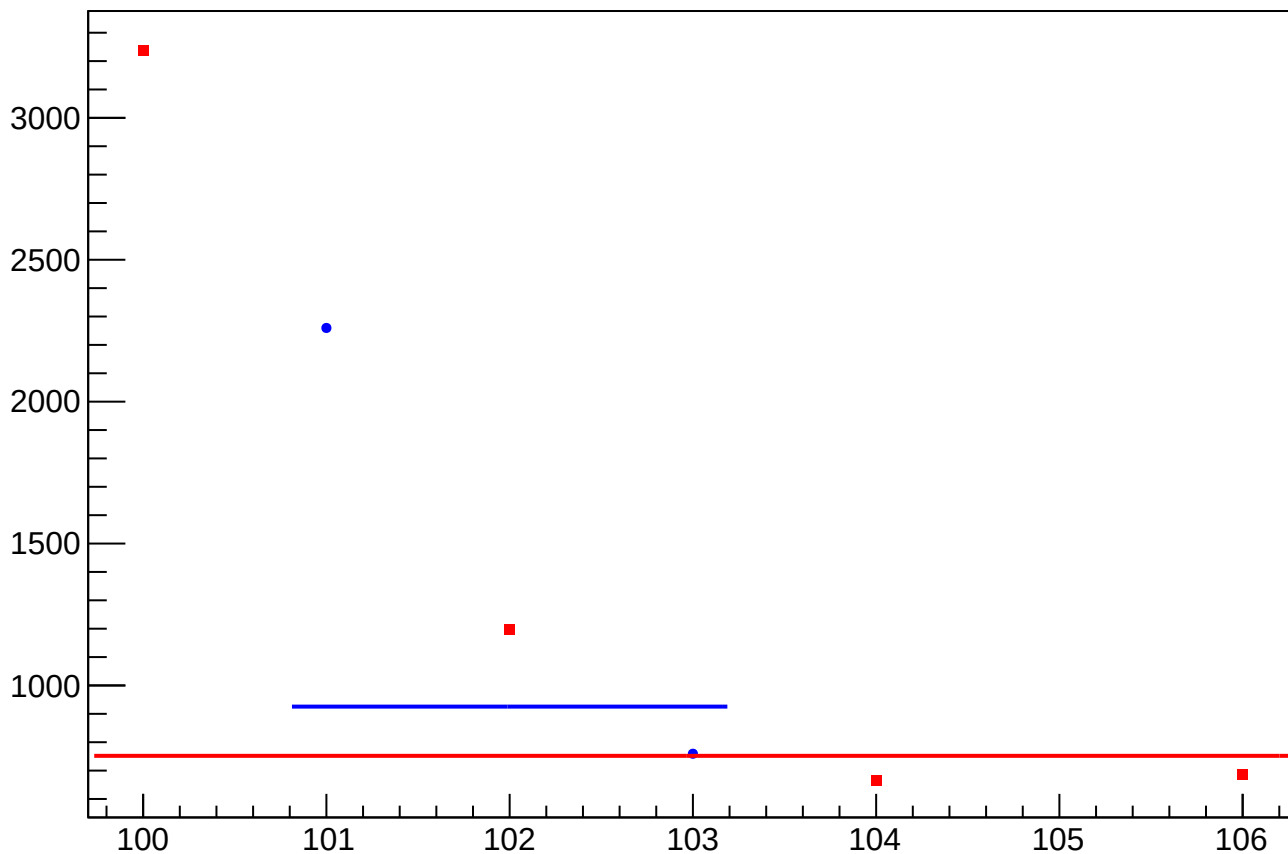
Right: 424.215 ± 565.699 $\chi^2/\text{NDF}: 0.9/5$

In: -73.532 ± 928.788 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 424.215 ± 565.699 $\chi^2/\text{NDF}: 0.9/5$

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 751.999+/-0.504 χ^2/NDF : 213432.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

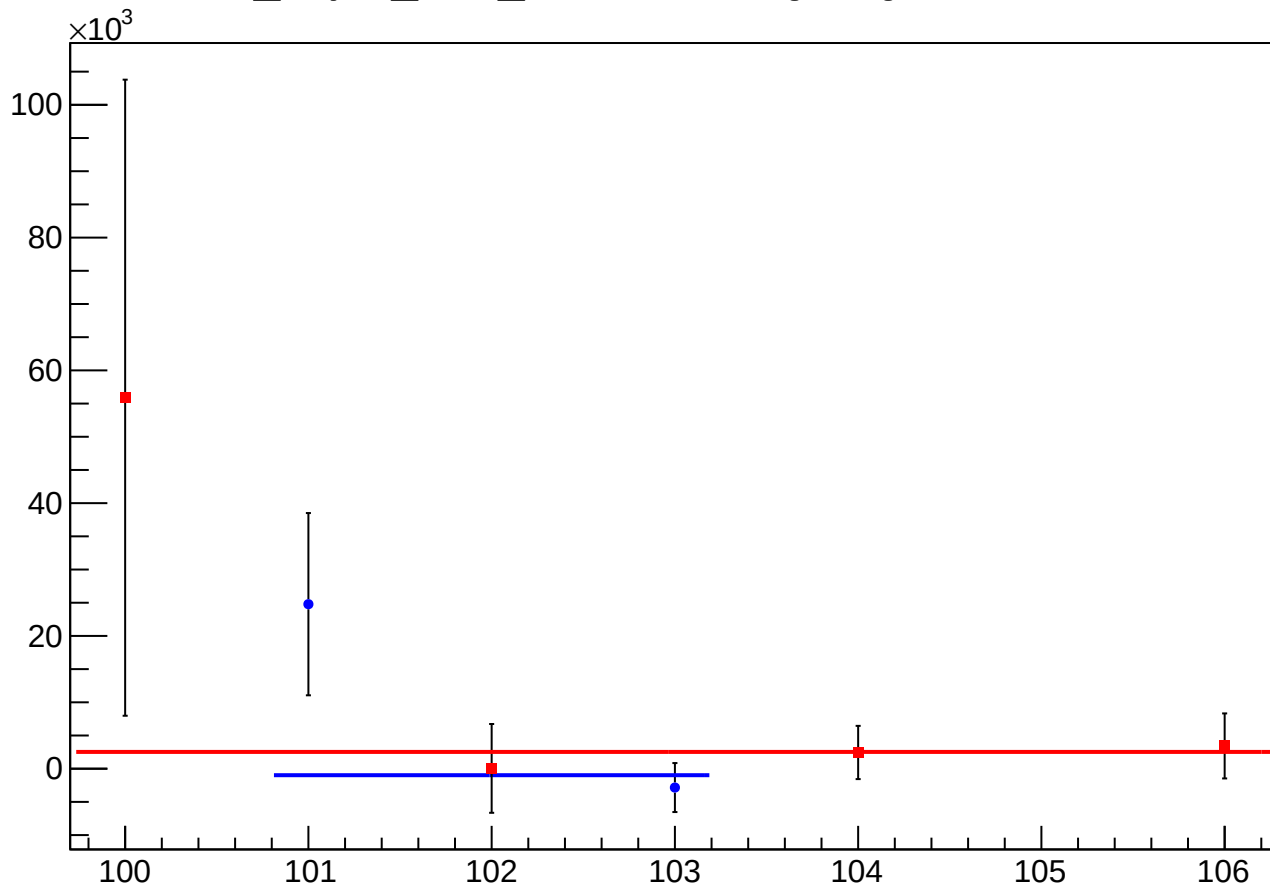
Right: 816.347+/-0.400 χ^2/NDF : 771041.5/5

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 816.347+/-0.400 χ^2/NDF : 771041.5/5

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -979.291+/-3563.005 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2528.134+/-2809.518 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

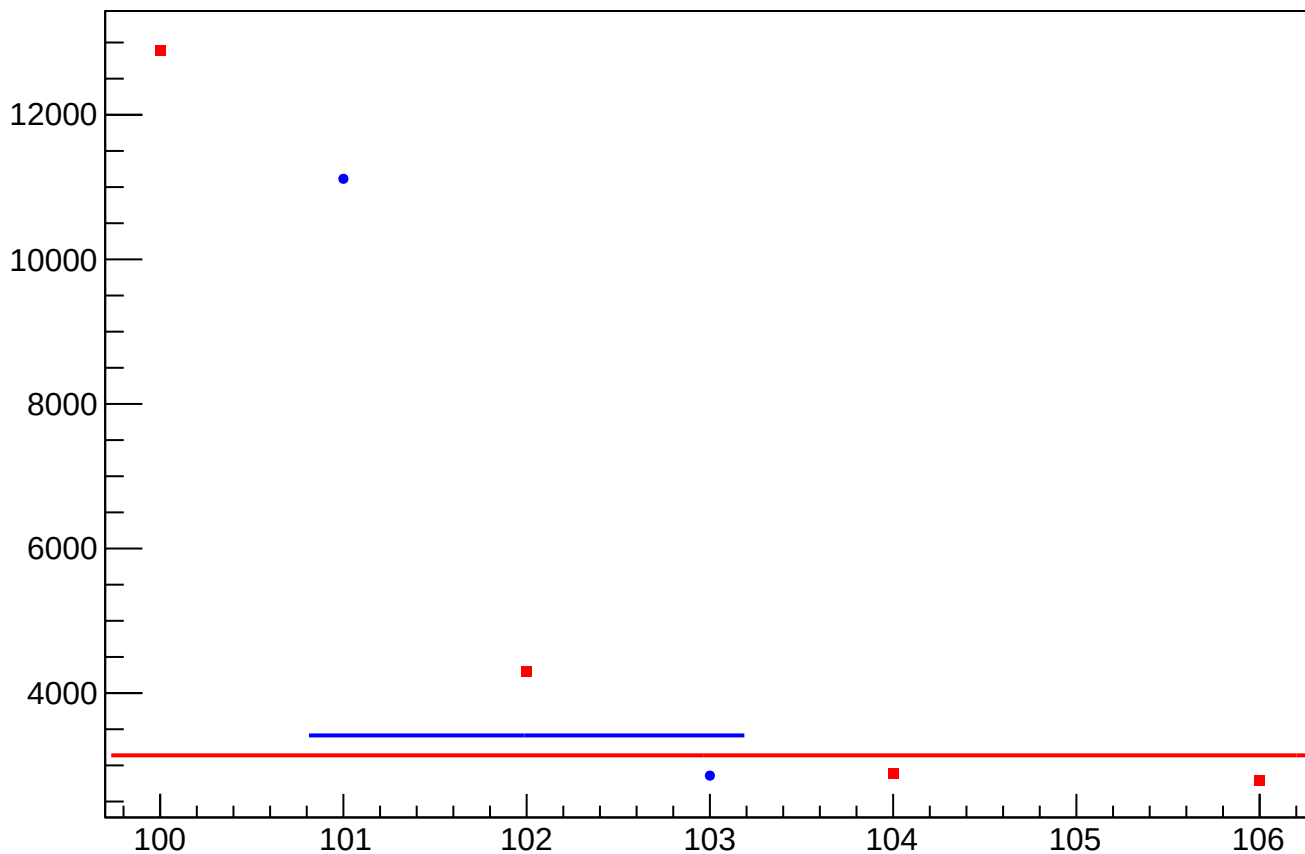
Right: 1183.421+/-2206.160 χ^2/NDF : 5.8/5

In: -979.291+/-3563.005 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.421+/-2206.160 χ^2/NDF : 5.8/5

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3414.493+/-2.519 χ^2/NDF : 674762.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3138.985+/-1.987 χ^2/NDF : 160811.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

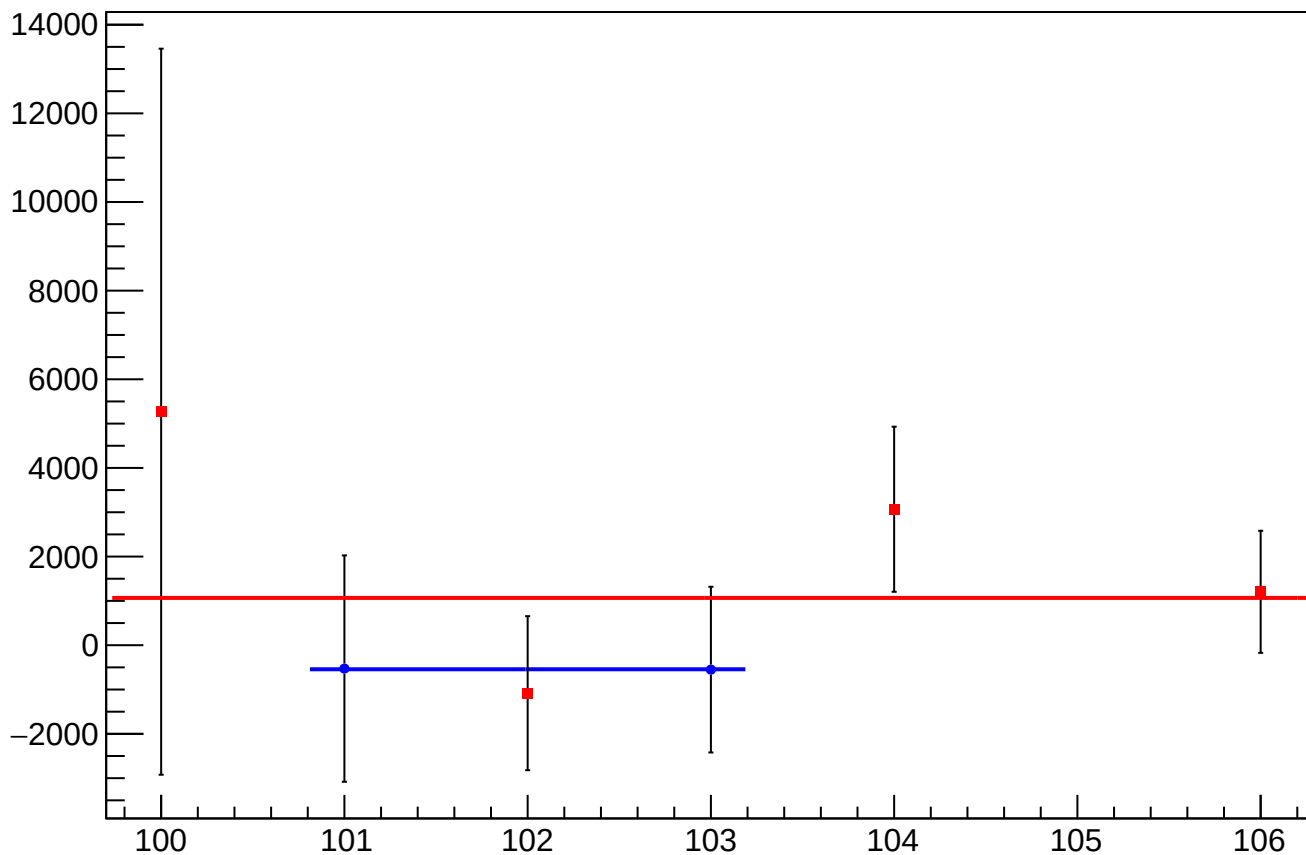
Right: 3244.611+/-1.560 χ^2/NDF : 842947.5/5

In: 3414.493+/-2.519 χ^2/NDF : 674762.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3244.611+/-1.560 χ^2/NDF : 842947.5/5

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: -543.019+/-1508.528 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.267+/-927.762 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

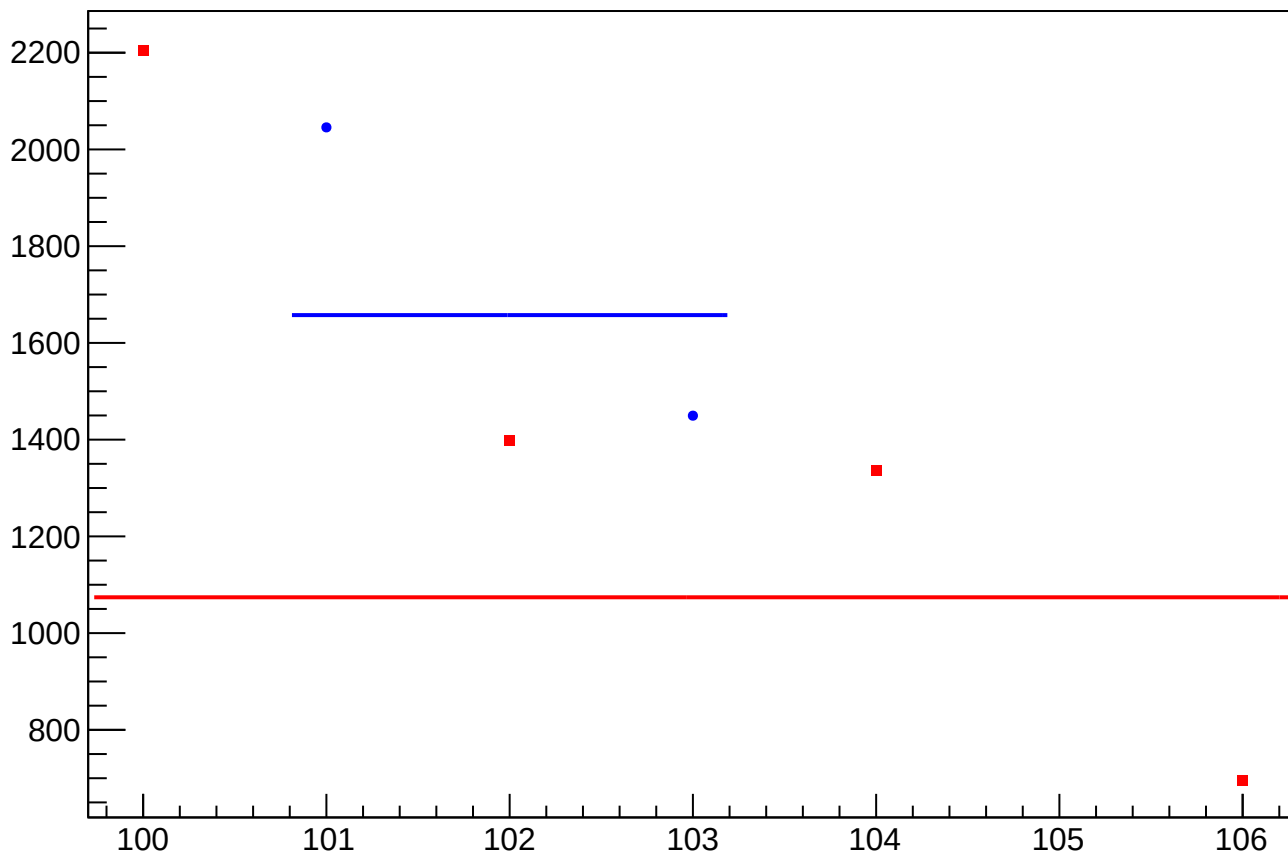
Right: 625.346+/-790.268 χ^2/NDF : 3.8/5

In: -543.019+/-1508.528 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.346+/-790.268 χ^2/NDF : 3.8/5

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1657.503+/-1.067 χ^2/NDF : 70928.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.076+/-0.656 χ^2/NDF : 298157.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

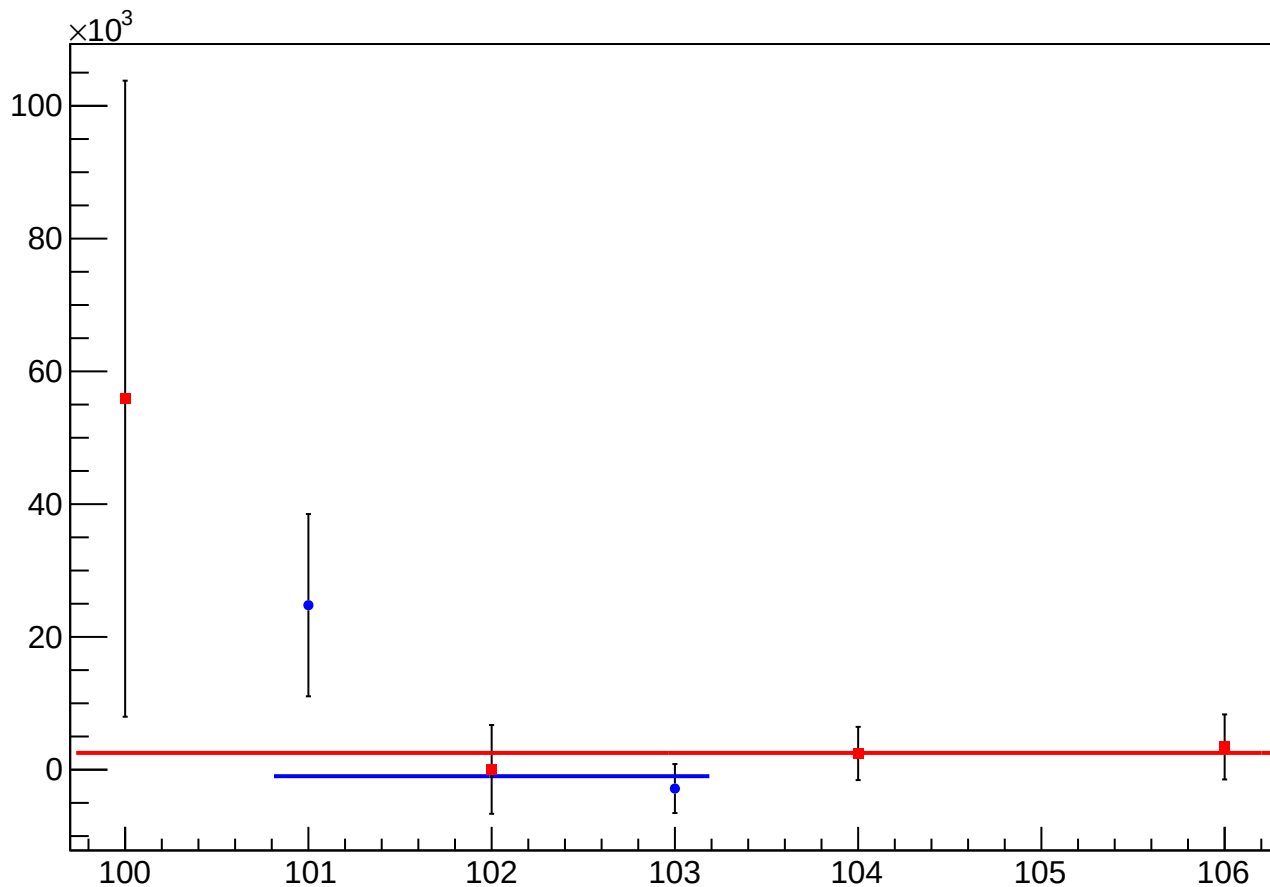
Right: 1234.190+/-0.559 χ^2/NDF : 586143.0/5

In: 1657.503+/-1.067 χ^2/NDF : 70928.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.190+/-0.559 χ^2/NDF : 586143.0/5

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: -979.295+/-3563.003 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2528.120+/-2809.517 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

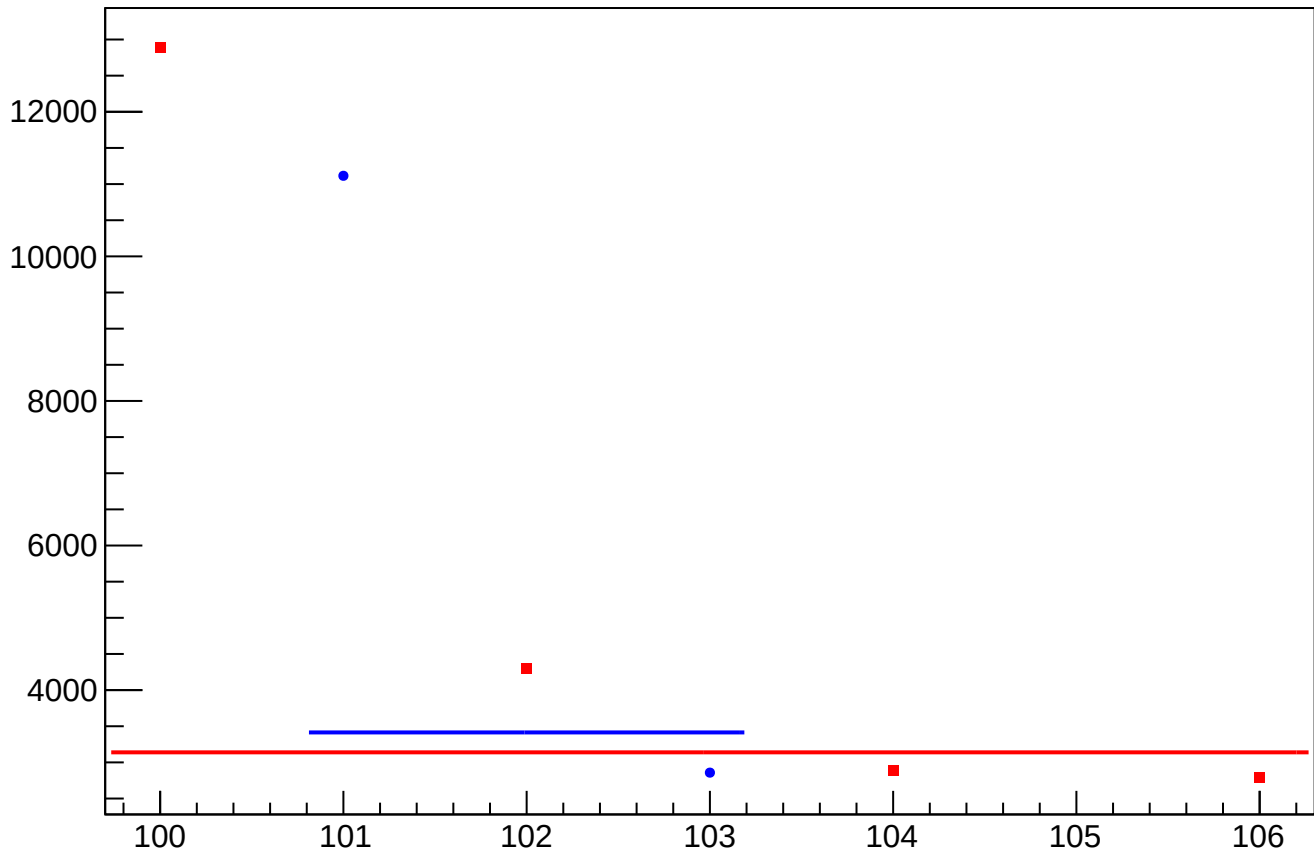
Right: 1183.411+/-2206.159 χ^2/NDF : 5.8/5

In: -979.295+/-3563.003 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.411+/-2206.159 χ^2/NDF : 5.8/5

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 3414.491+/-2.519 χ^2/NDF : 674762.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3138.984+/-1.987 χ^2/NDF : 160811.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

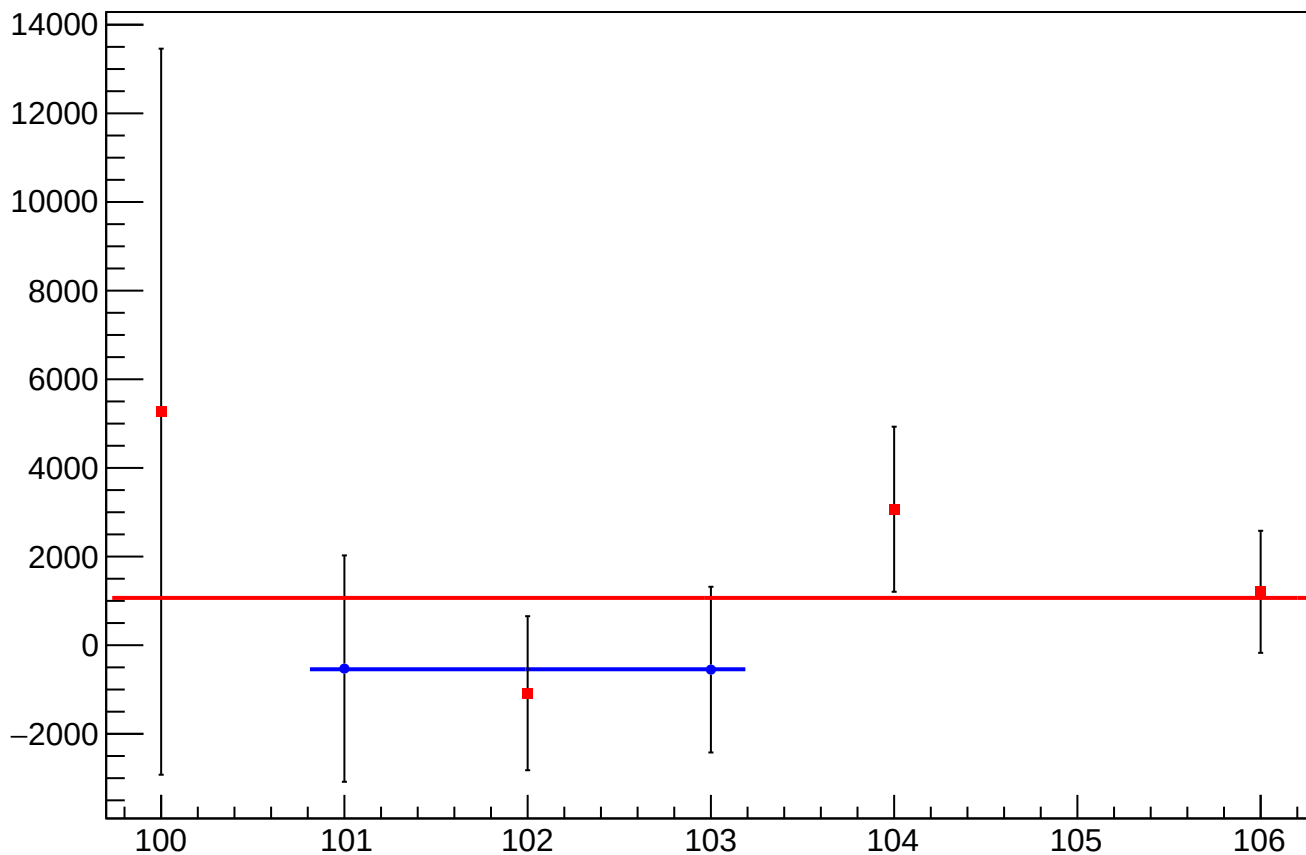
Right: 3244.610+/-1.560 χ^2/NDF : 842947.7/5

In: 3414.491+/-2.519 χ^2/NDF : 674762.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3244.610+/-1.560 χ^2/NDF : 842947.7/5

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -543.018+/-1508.523 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.263+/-927.761 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

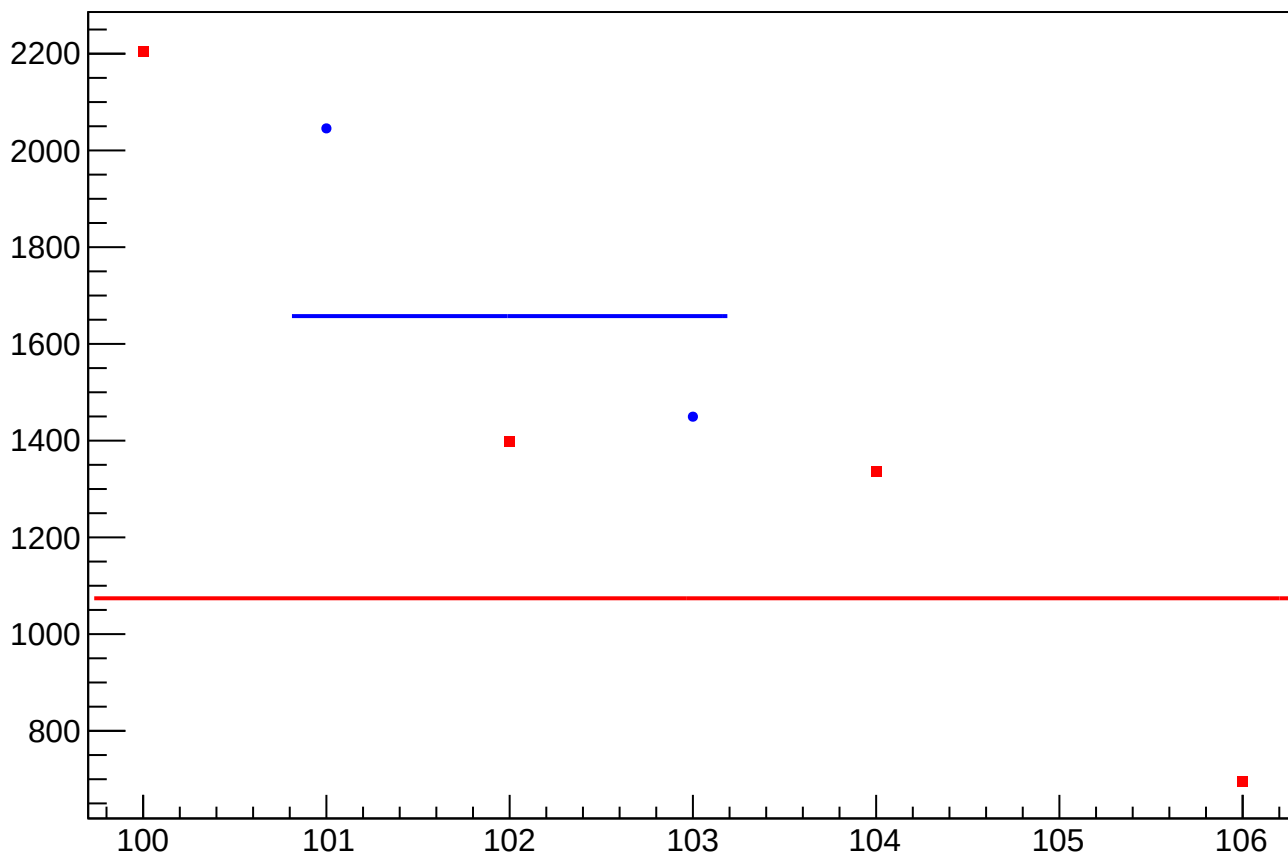
Right: 625.342+/-790.266 χ^2/NDF : 3.8/5

In: -543.018+/-1508.523 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.342+/-790.266 χ^2/NDF : 3.8/5

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1657.498+/-1.067 χ^2/NDF : 70929.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.075+/-0.656 χ^2/NDF : 298154.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

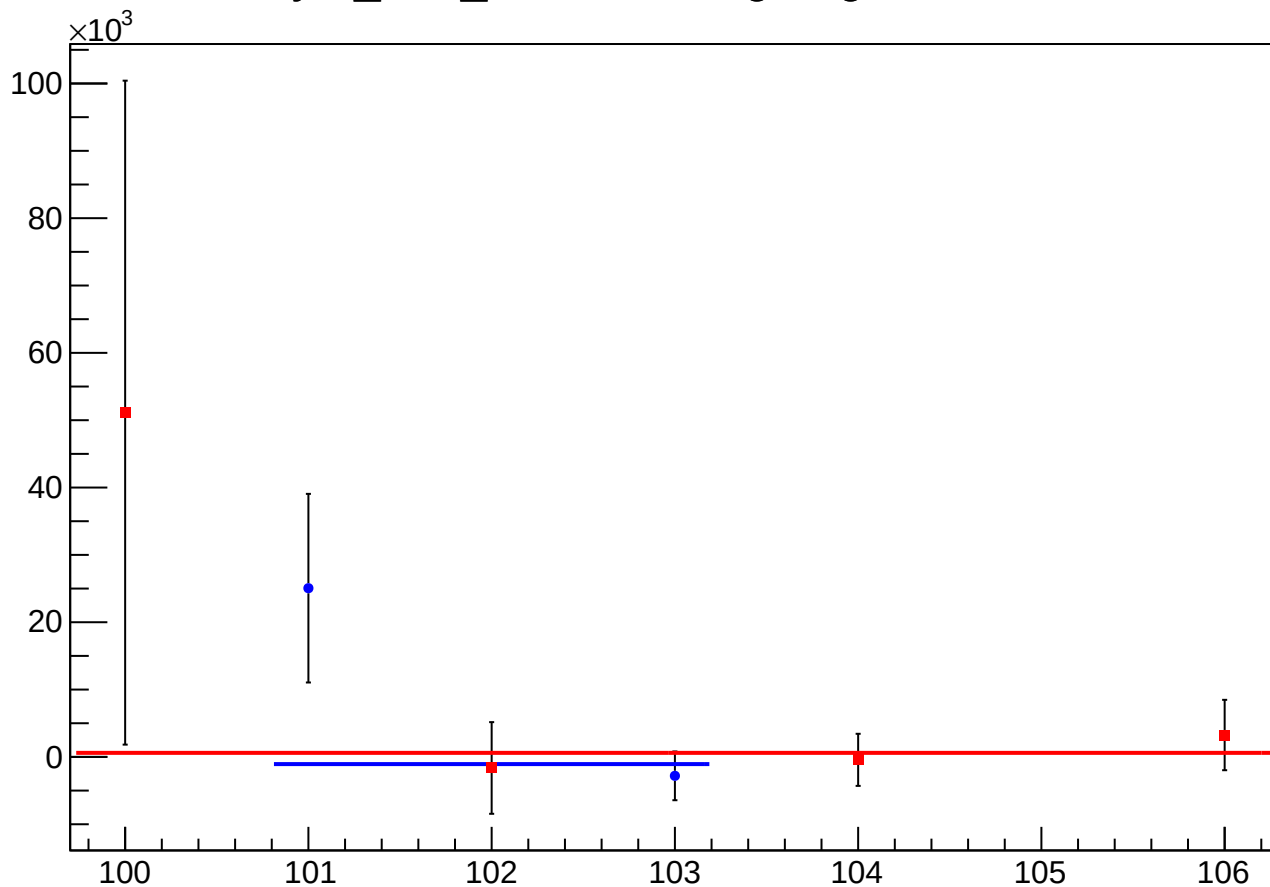
Right: 1234.188+/-0.559 χ^2/NDF : 586138.2/5

In: 1657.498+/-1.067 χ^2/NDF : 70929.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.188+/-0.559 χ^2/NDF : 586138.2/5

asym_atr1_mean vs Slug, Sign Corrected



Right In: -1066.712 ± 3504.257 χ^2/NDF : 3.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 601.908 ± 2822.986 χ^2/NDF : 1.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

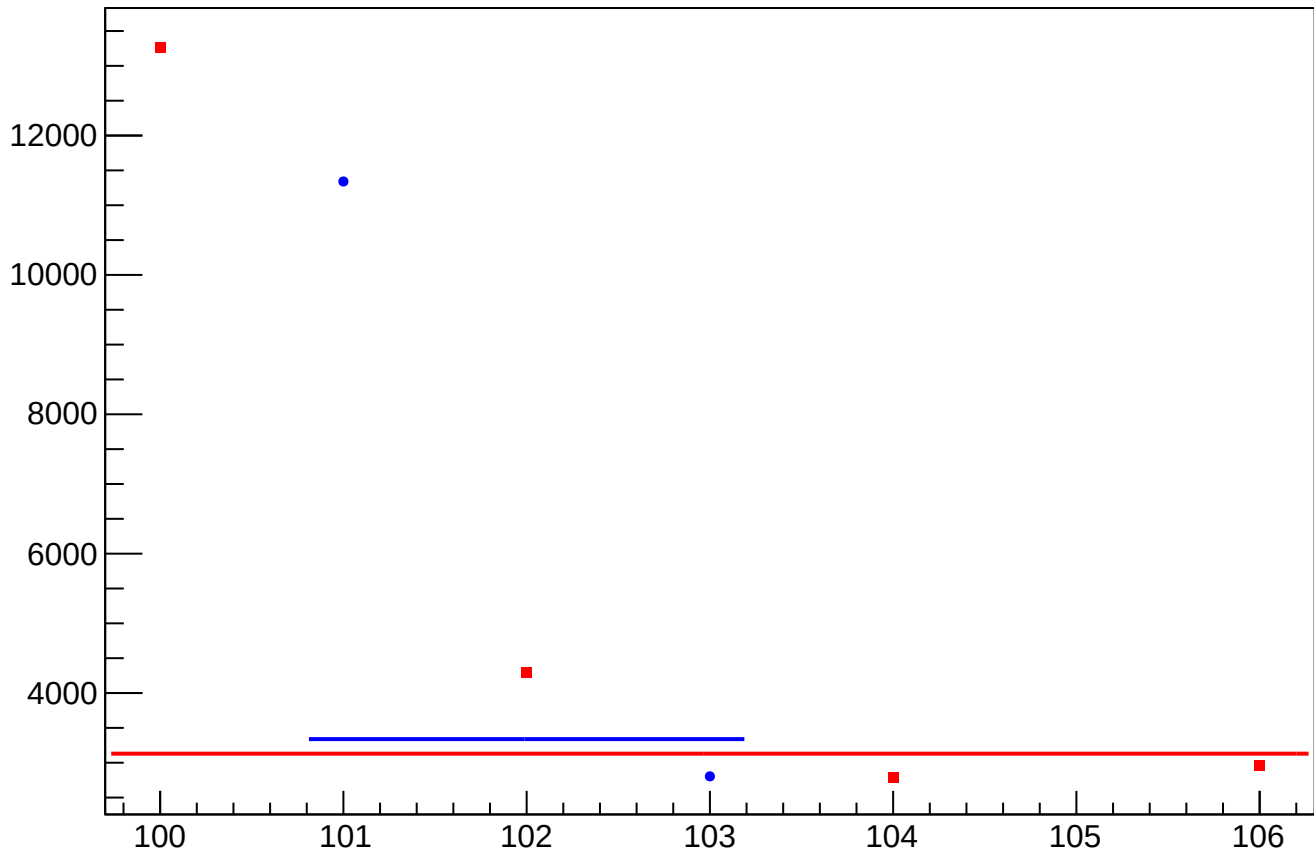
Right: -54.796 ± 2198.377 χ^2/NDF : 5.3/5

In: -1066.712 ± 3504.257 χ^2/NDF : 3.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.796 ± 2198.377 χ^2/NDF : 5.3/5

asym_atr1_rms vs Slug, Sign Corrected



Right In: 3338.837+/-2.478 χ^2/NDF : 696480.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.083+/-1.996 χ^2/NDF : 161068.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

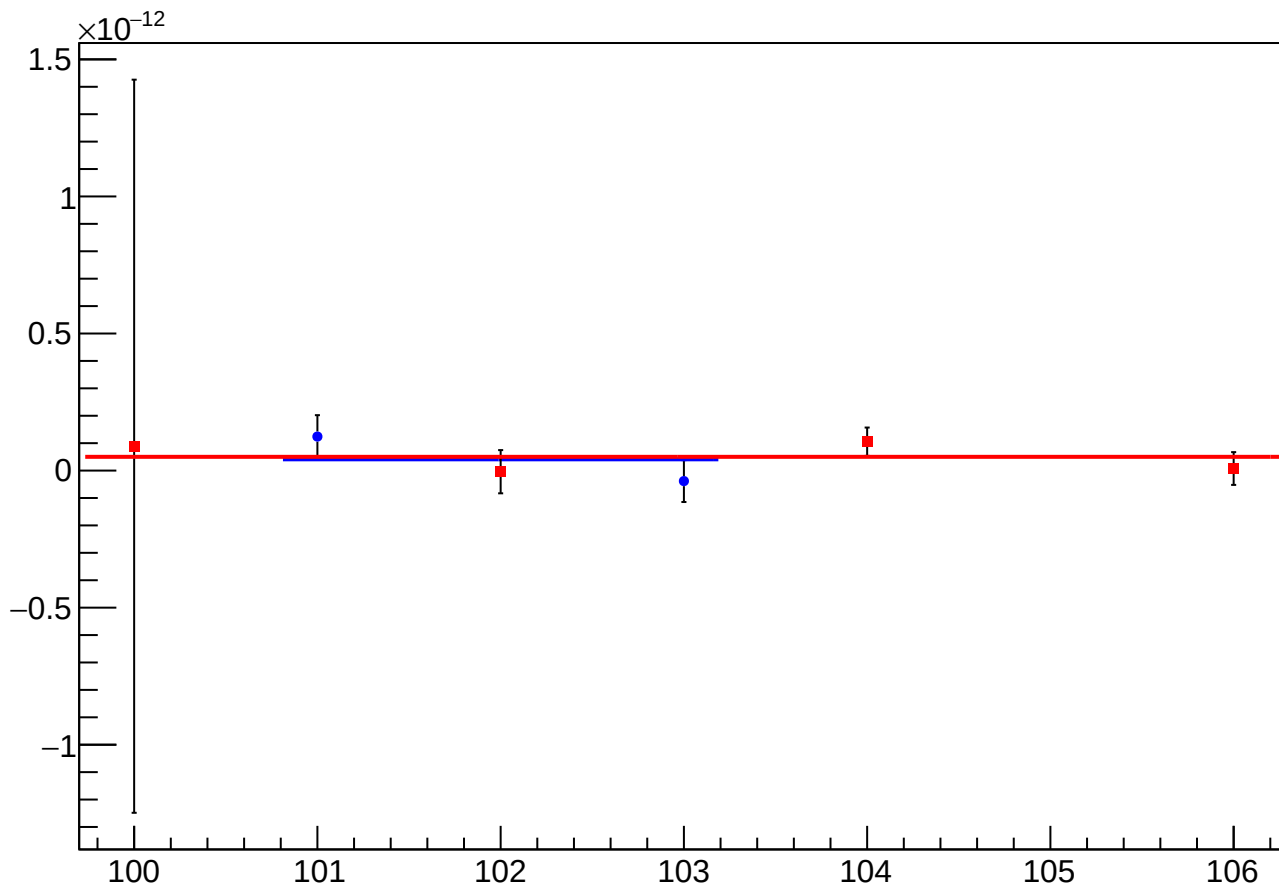
Right: 3212.240+/-1.554 χ^2/NDF : 861853.2/5

In: 3338.837+/-2.478 χ^2/NDF : 696480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3212.240+/-1.554 χ^2/NDF : 861853.2/5

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

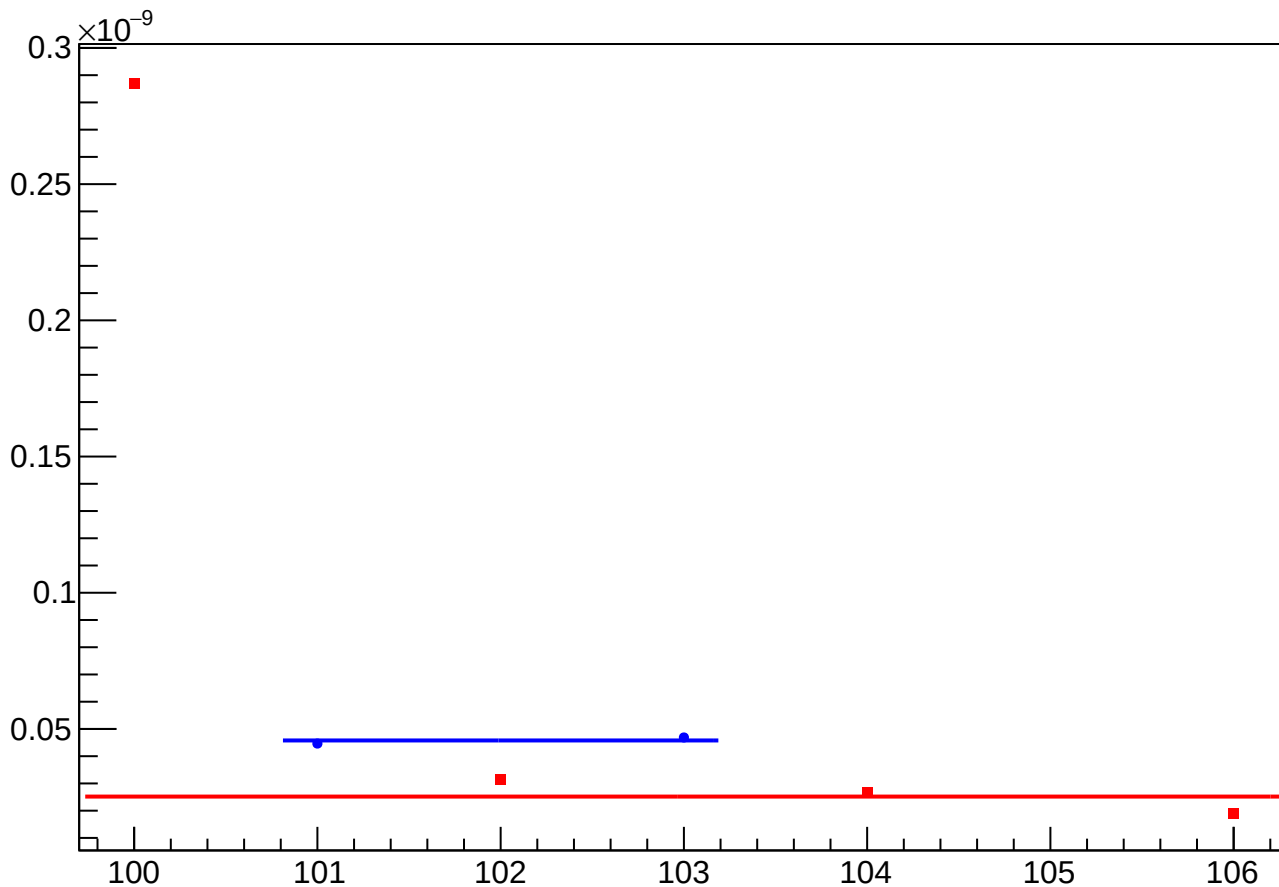
Right: 0.000+/-0.000 χ^2/NDF : 4.4/5

In: 0.000+/-0.000 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/5

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 833.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113888.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

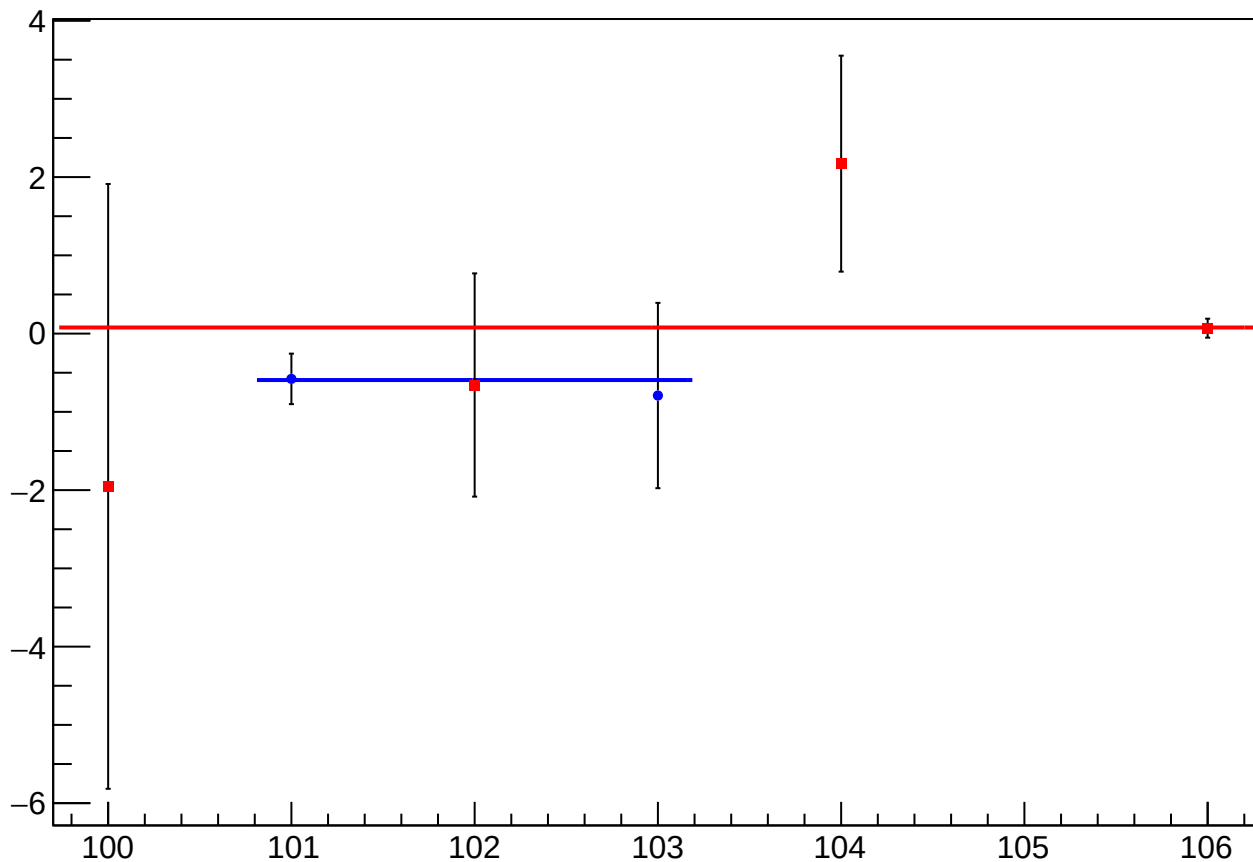
Right: 0.000+/-0.000 χ^2/NDF : 316490.5/5

In: 0.000+/-0.000 χ^2/NDF : 833.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 316490.5/5

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593 ± 0.311 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.078 ± 0.120 $\chi^2/\text{NDF}: 2.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

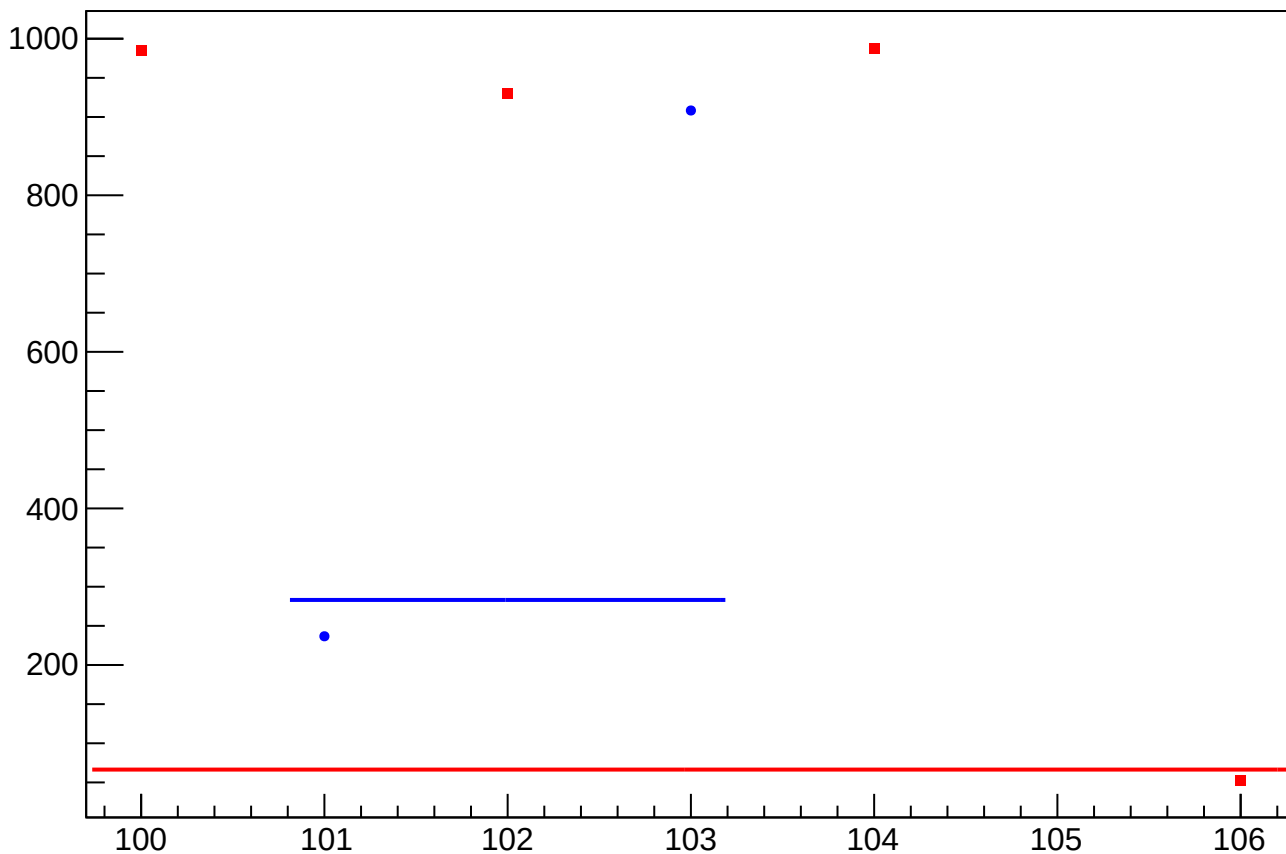
Right: -0.009 ± 0.112 $\chi^2/\text{NDF}: 6.9/5$

In: -0.593 ± 0.311 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.112 $\chi^2/\text{NDF}: 6.9/5$

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.405+/-0.085 χ^2/NDF : 1764178.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

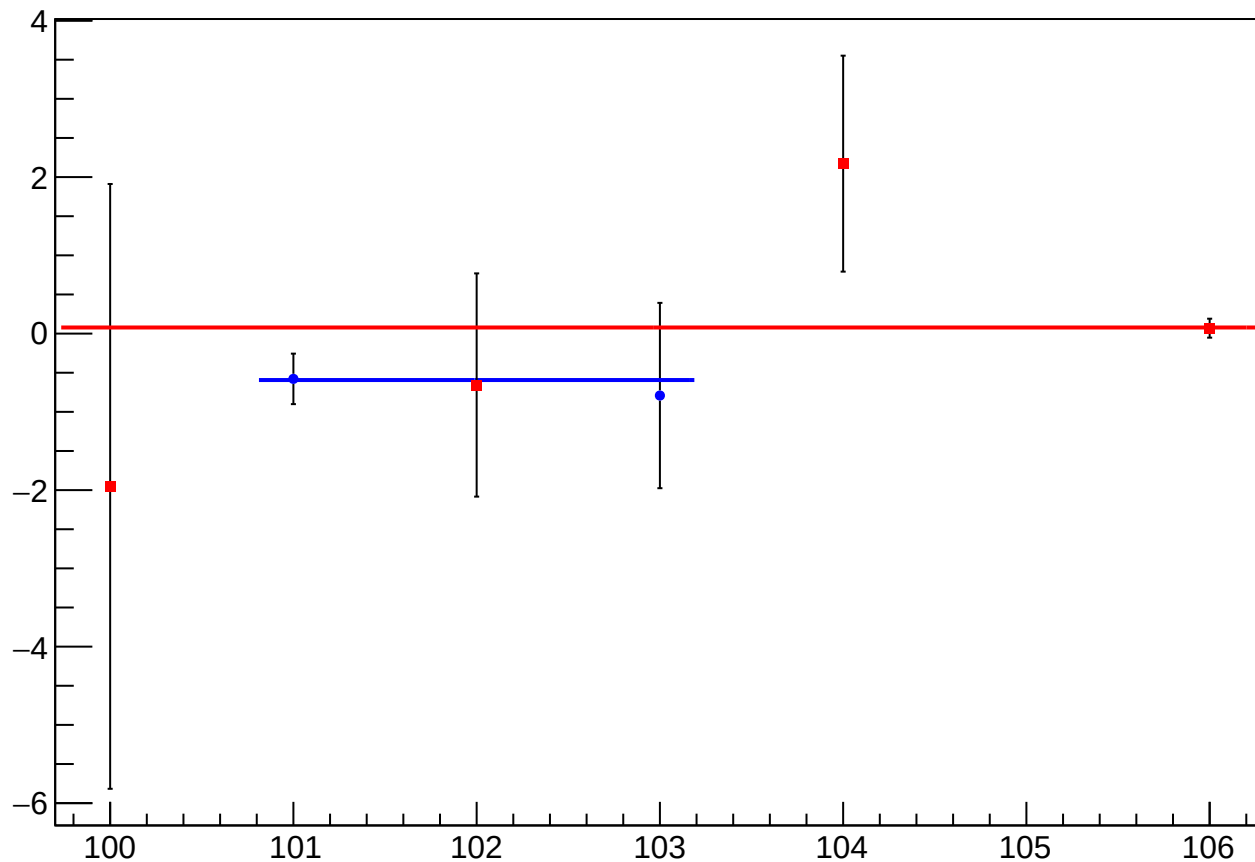
Right: 94.546+/-0.079 χ^2/NDF : 3206661.8/5

In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.546+/-0.079 χ^2/NDF : 3206661.8/5

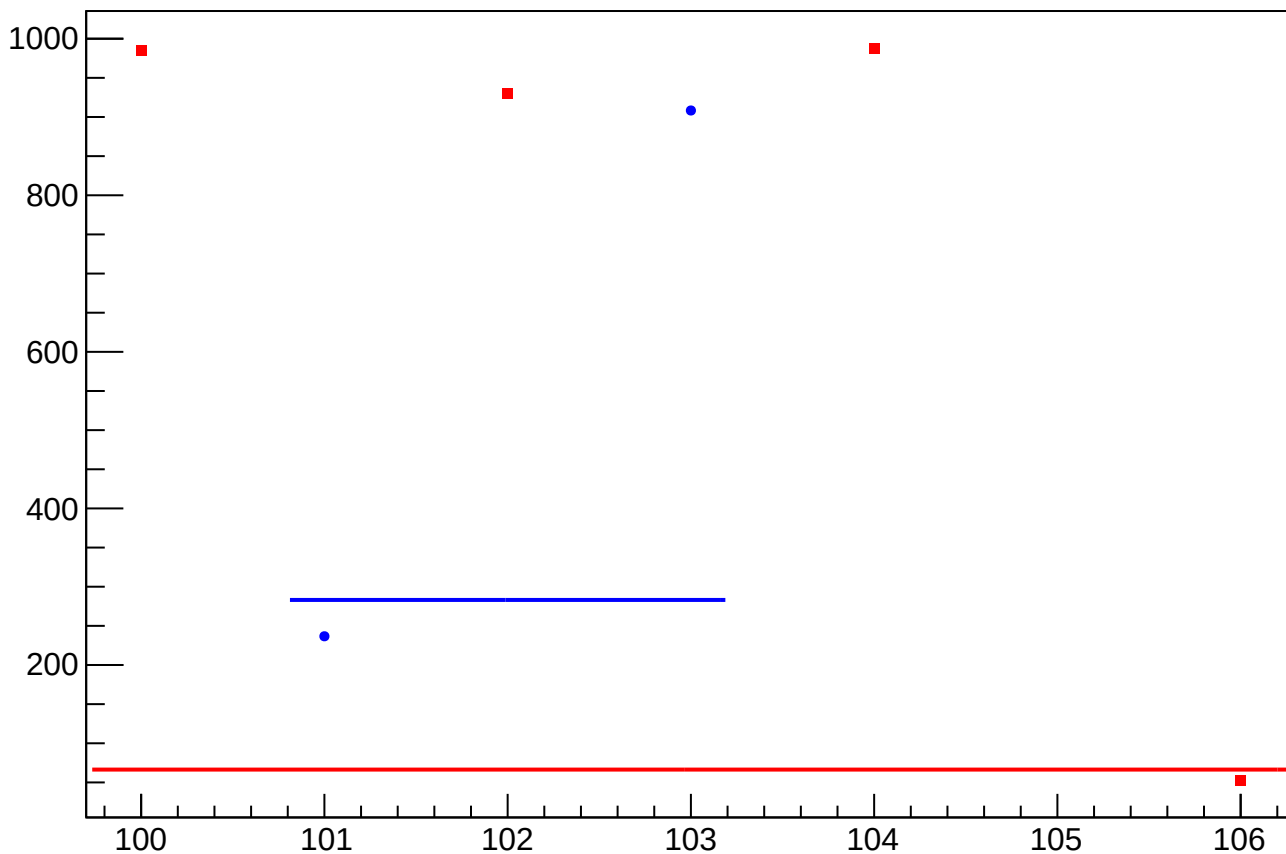
asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.078+/-0.120 χ^2/NDF : 2.8/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.009+/-0.112 χ^2/NDF : 6.9/5
 In: -0.593+/-0.311 χ^2/NDF :0.0/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.009+/-0.112 χ^2/NDF : 6.9/5

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.098 $\pm$ 0.220 χ^2 /NDF: 599025.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.405 $\pm$ 0.085 χ^2 /NDF: 1764178.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

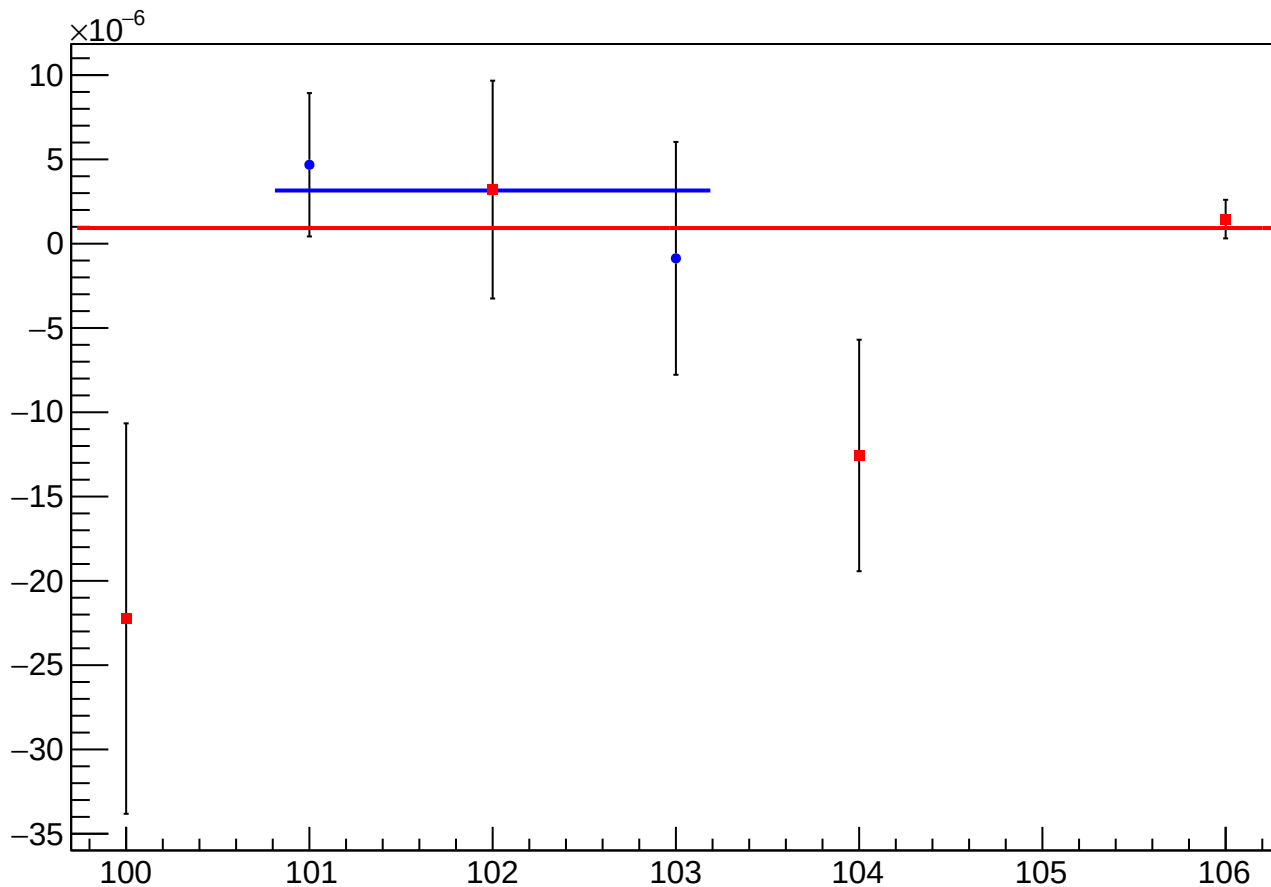
Right: 94.546 $\pm$ 0.079 χ^2 /NDF: 3206661.8/5

In: 283.098 $\pm$ 0.220 χ^2 /NDF:599025.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 94.546 $\pm$ 0.079 χ^2 /NDF: 3206661.8/5

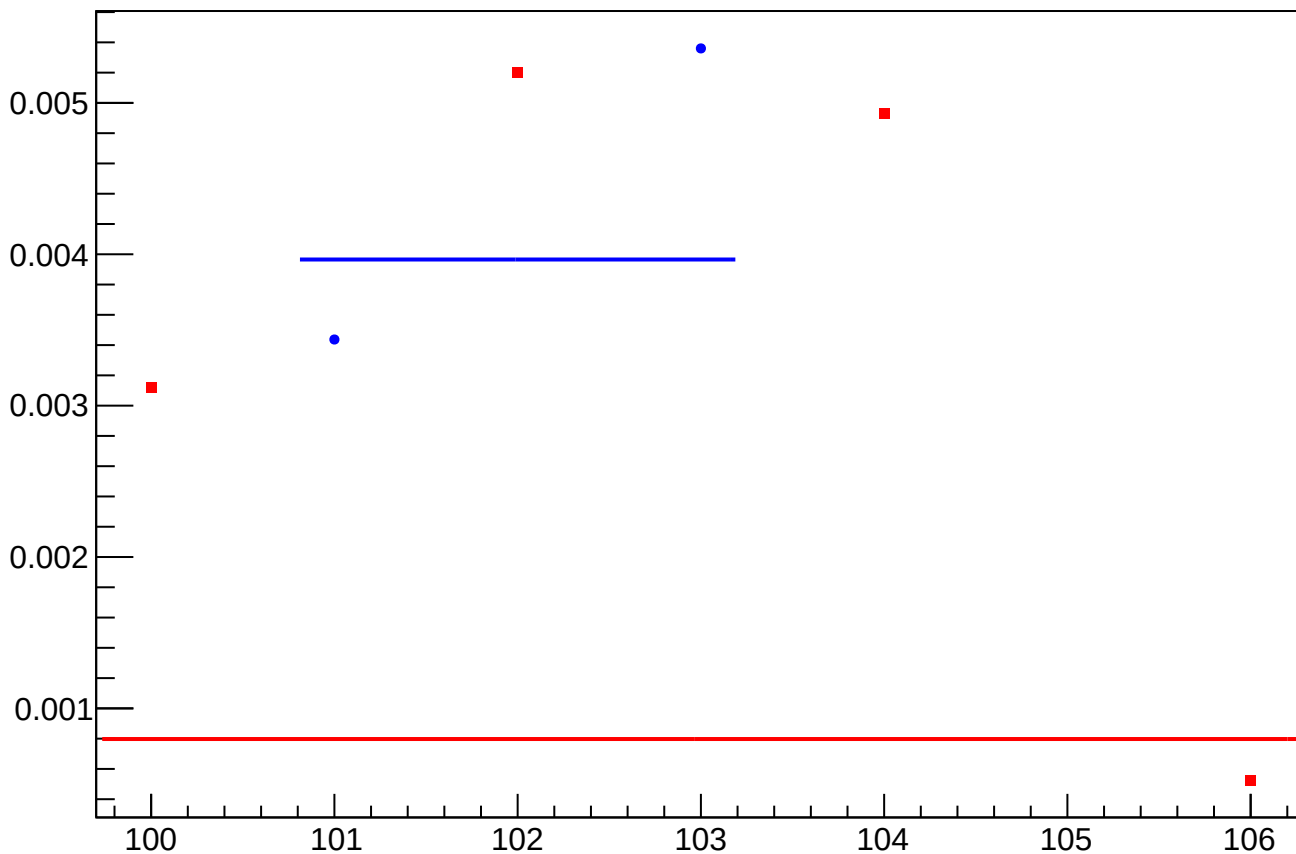
asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 8.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 9.0/5
 In: 0.000+/-0.000 χ^2/NDF : 0.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 9.0/5

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 112453.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1848721.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

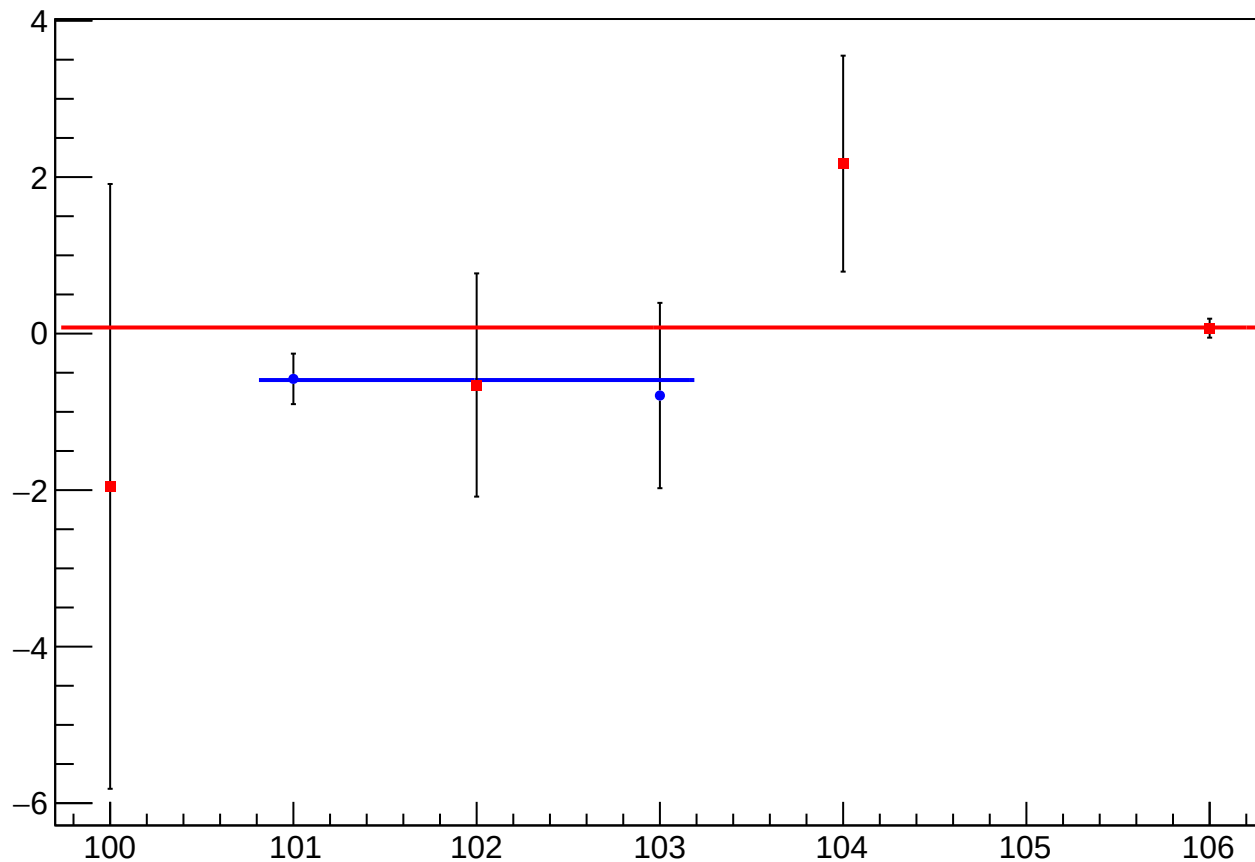
Right: 0.001+/-0.000 χ^2/NDF : 3361573.9/5

In: 0.004+/-0.000 χ^2/NDF : 112453.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3361573.9/5

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.078+/-0.120 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

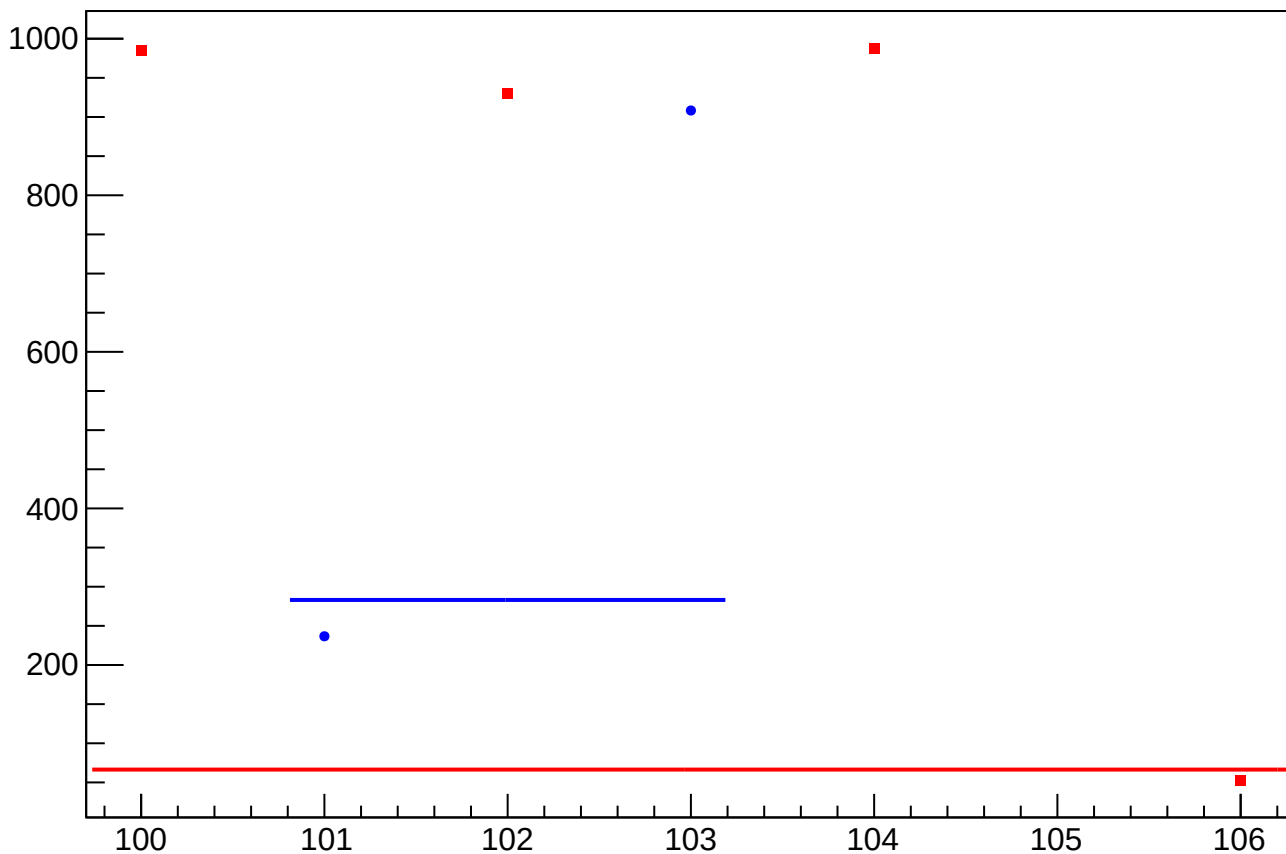
Right: -0.009+/-0.112 χ^2/NDF : 6.9/5

In: -0.593+/-0.311 χ^2/NDF :0.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.009+/-0.112 χ^2/NDF : 6.9/5

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.405+/-0.085 χ^2/NDF : 1764176.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

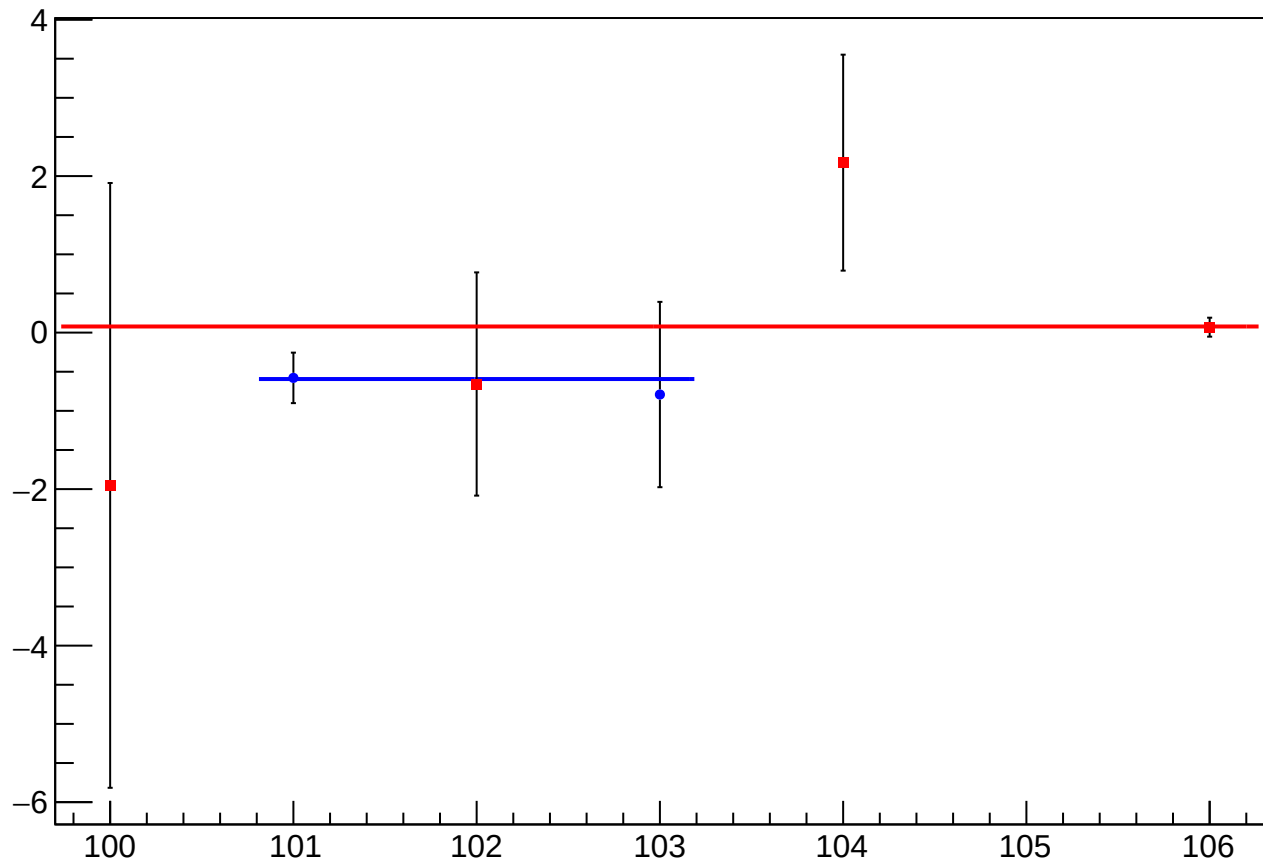
Right: 94.547+/-0.079 χ^2/NDF : 3206661.1/5

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.547+/-0.079 χ^2/NDF : 3206661.1/5

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.078+/-0.120 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

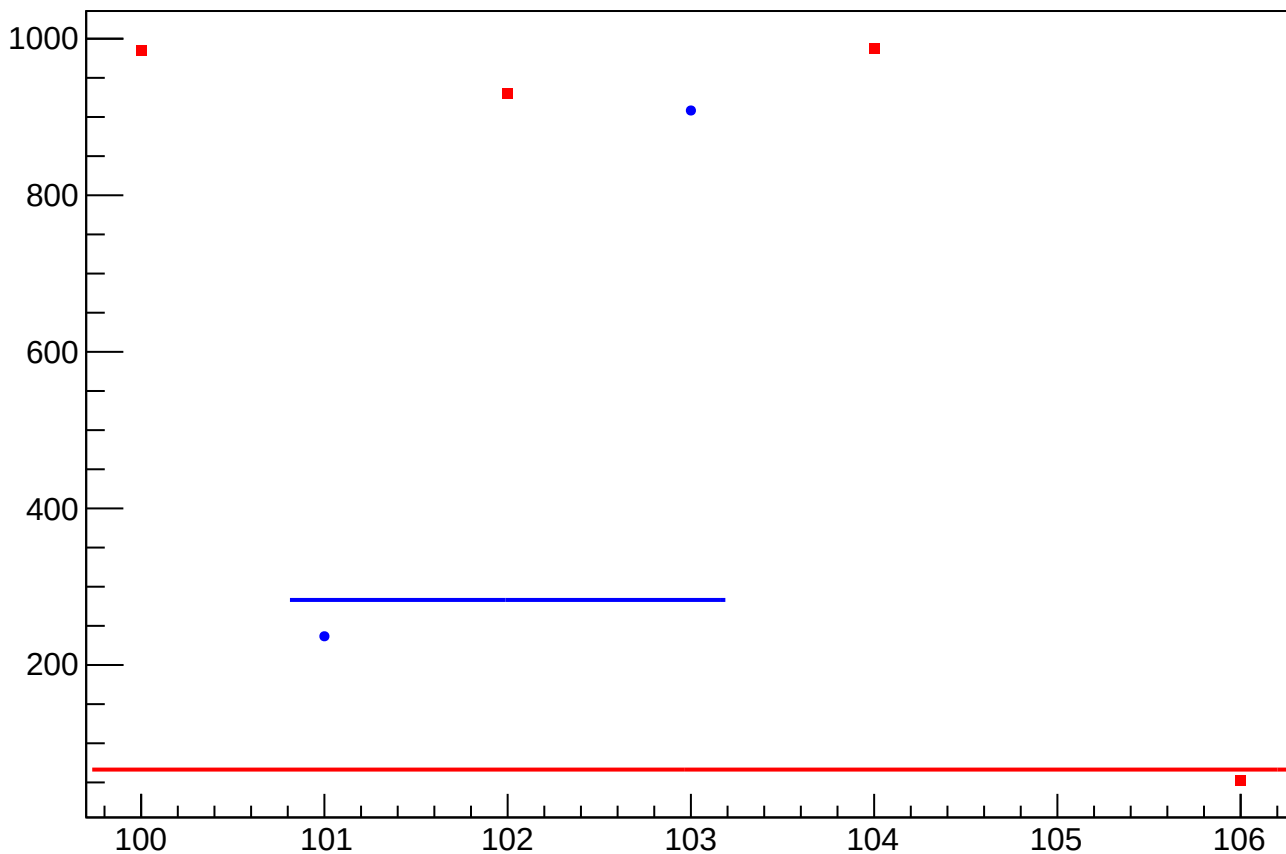
Right: -0.009+/-0.112 χ^2/NDF : 6.9/5

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.112 χ^2/NDF : 6.9/5

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.405+/-0.085 χ^2/NDF : 1764176.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

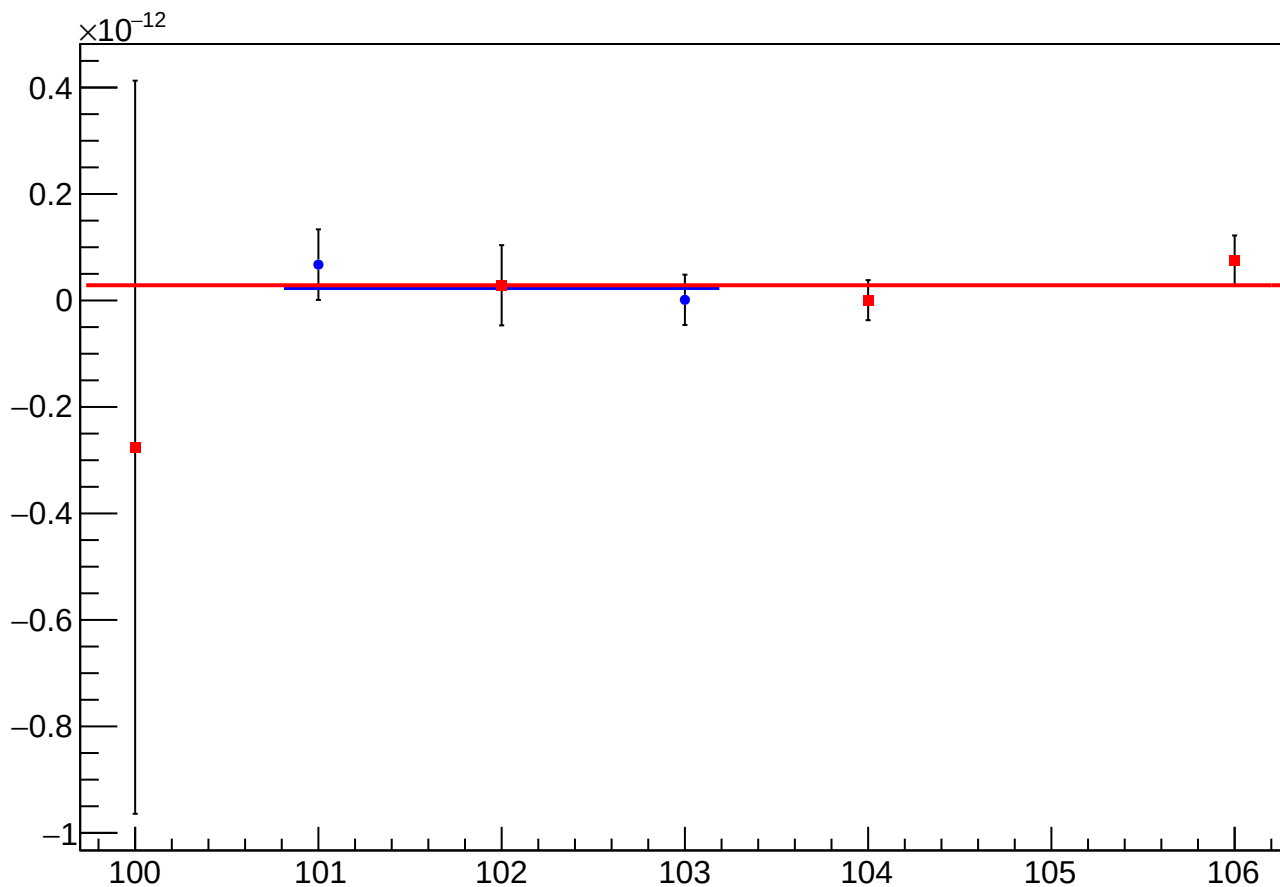
Right: 94.547+/-0.079 χ^2/NDF : 3206661.1/5

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.547+/-0.079 χ^2/NDF : 3206661.1/5

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

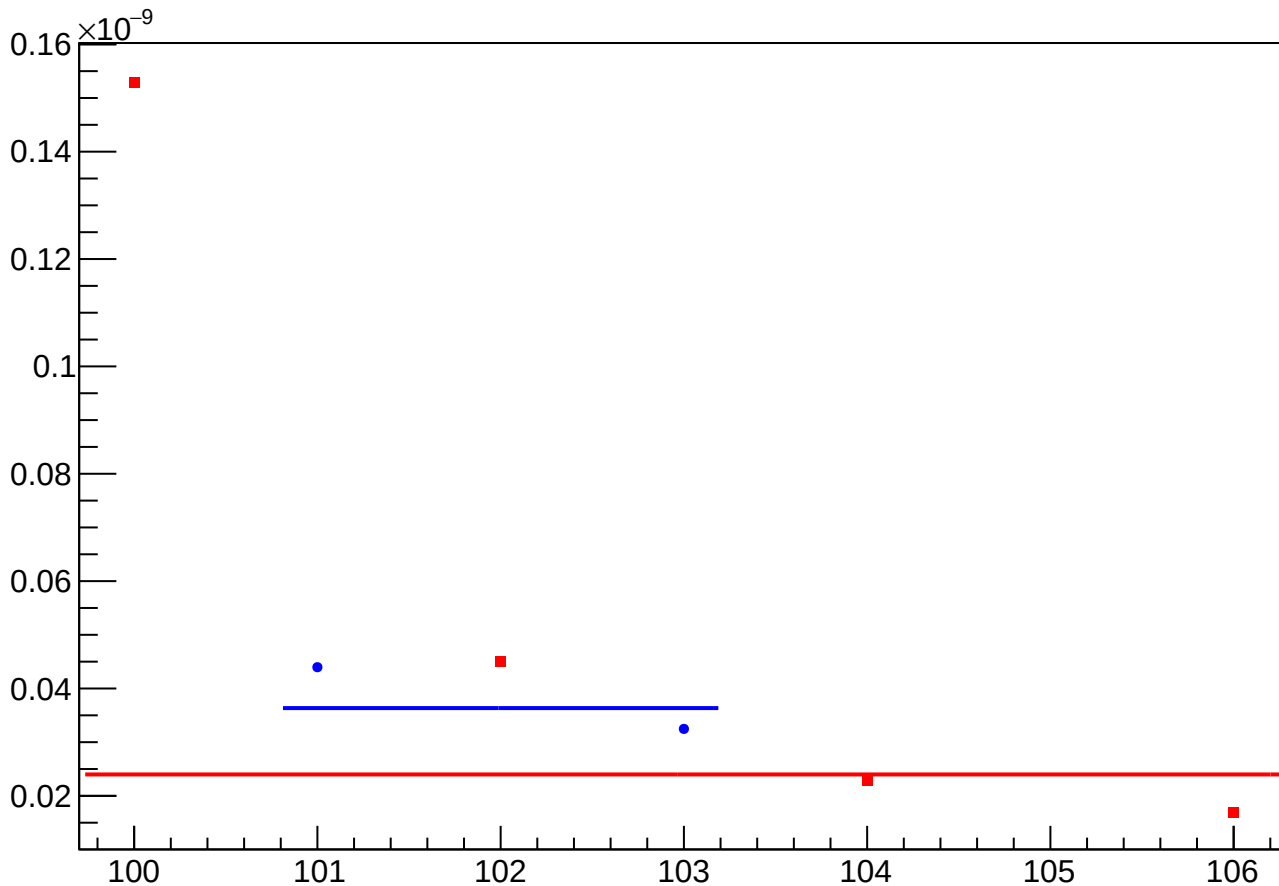
Right: 0.000+/-0.000 χ^2/NDF : 2.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.4/5

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 39873.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 271977.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

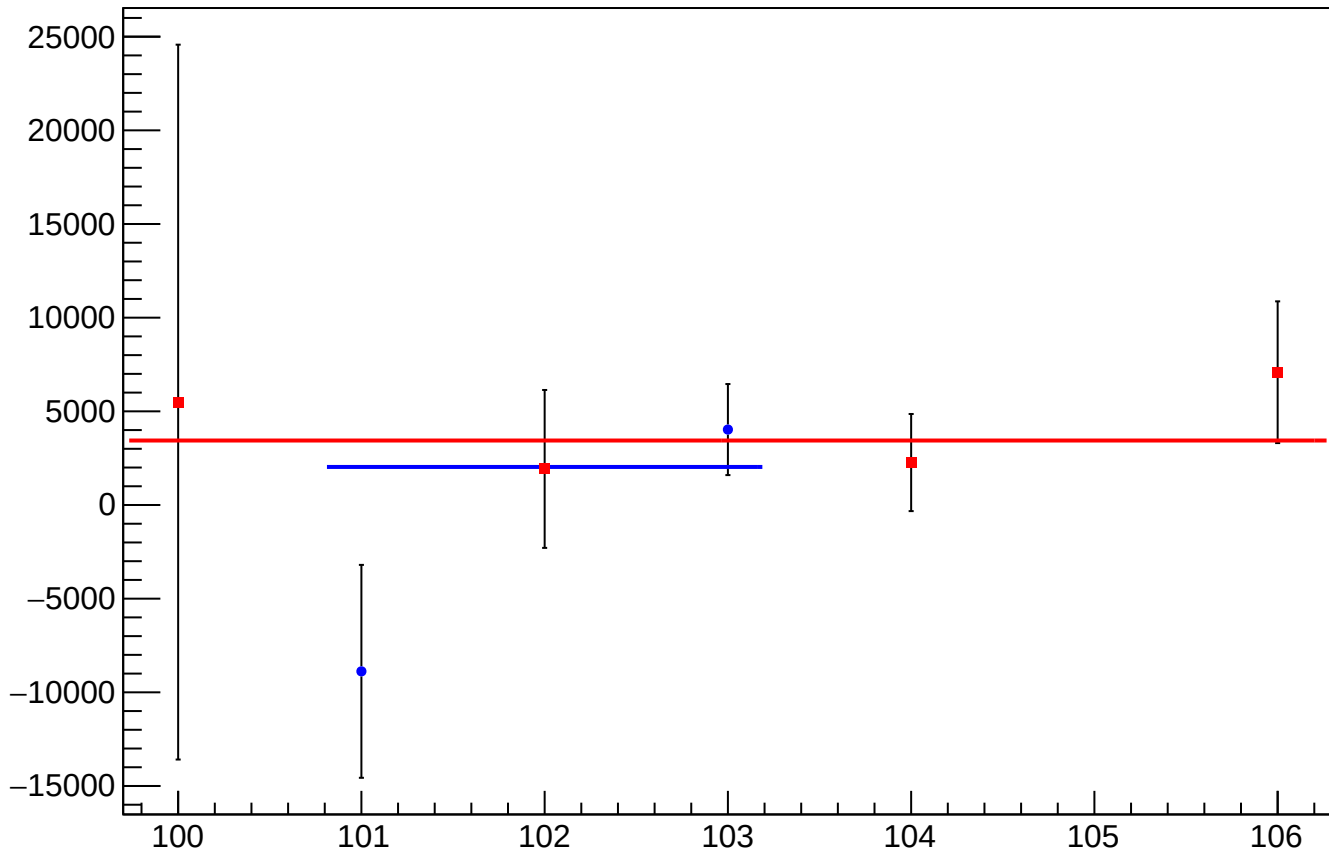
Right: 0.000+/-0.000 χ^2/NDF : 448743.1/5

In: 0.000+/-0.000 χ^2/NDF : 39873.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 448743.1/5

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2031.175+/-2234.570 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3442.258+/-1897.504 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

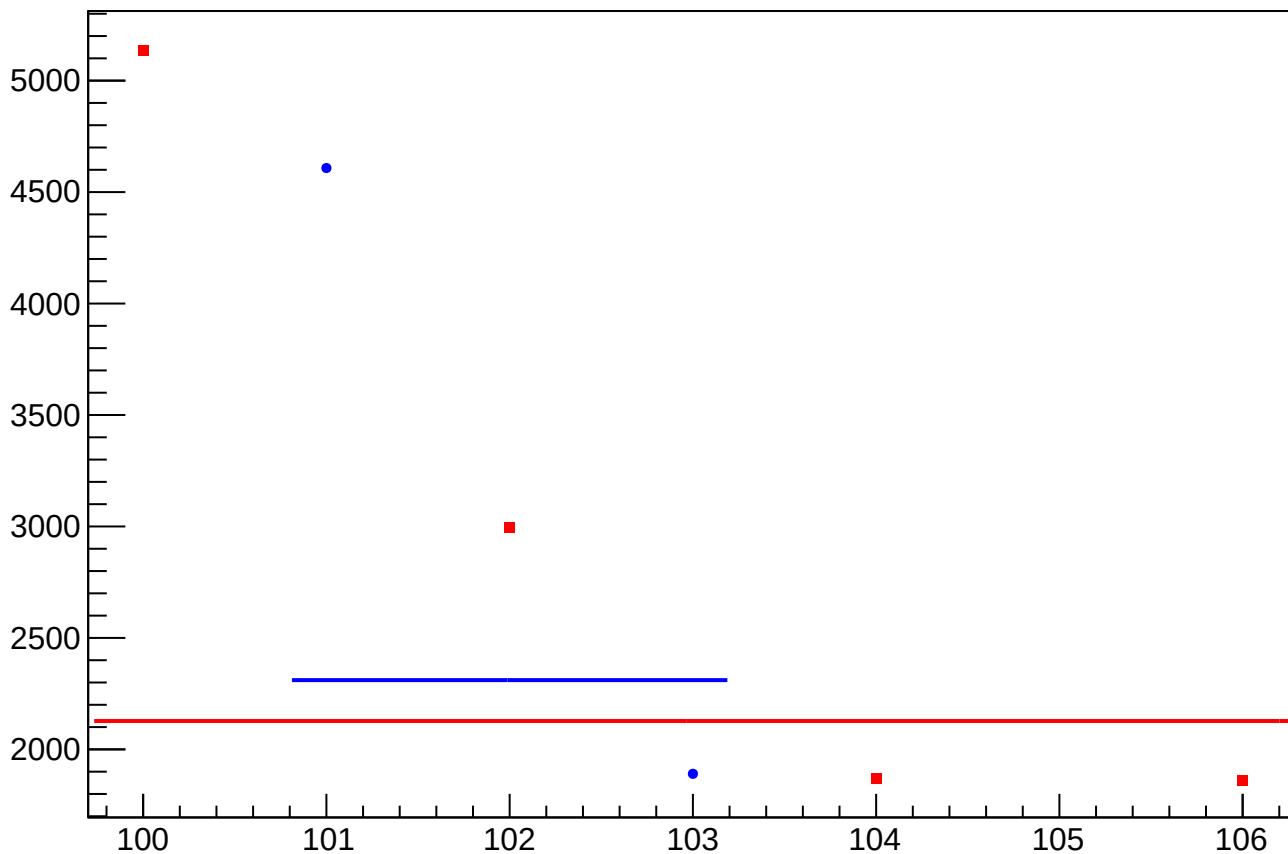
Right: 2851.062+/-1446.384 χ^2/NDF : 5.9/5

In: 2031.175+/-2234.570 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2851.062+/-1446.384 χ^2/NDF : 5.9/5

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.677+/-1.580 χ^2/NDF : 386594.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.406+/-1.342 χ^2/NDF : 164825.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

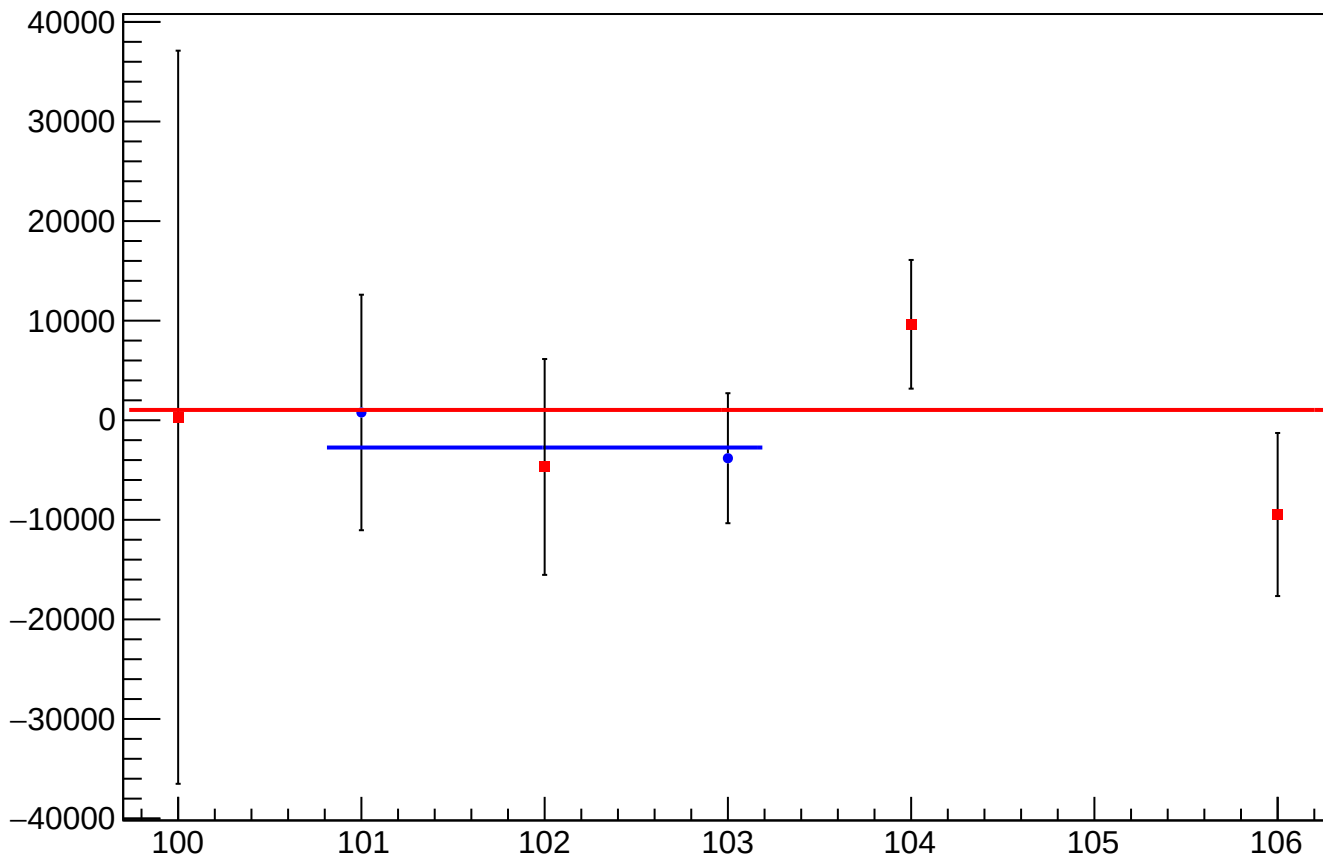
Right: 2204.190+/-1.023 χ^2/NDF : 559236.5/5

In: 2310.677+/-1.580 χ^2/NDF : 386594.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.190+/-1.023 χ^2/NDF : 559236.5/5

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2740.324+/-5714.792 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.199+/-4559.138 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

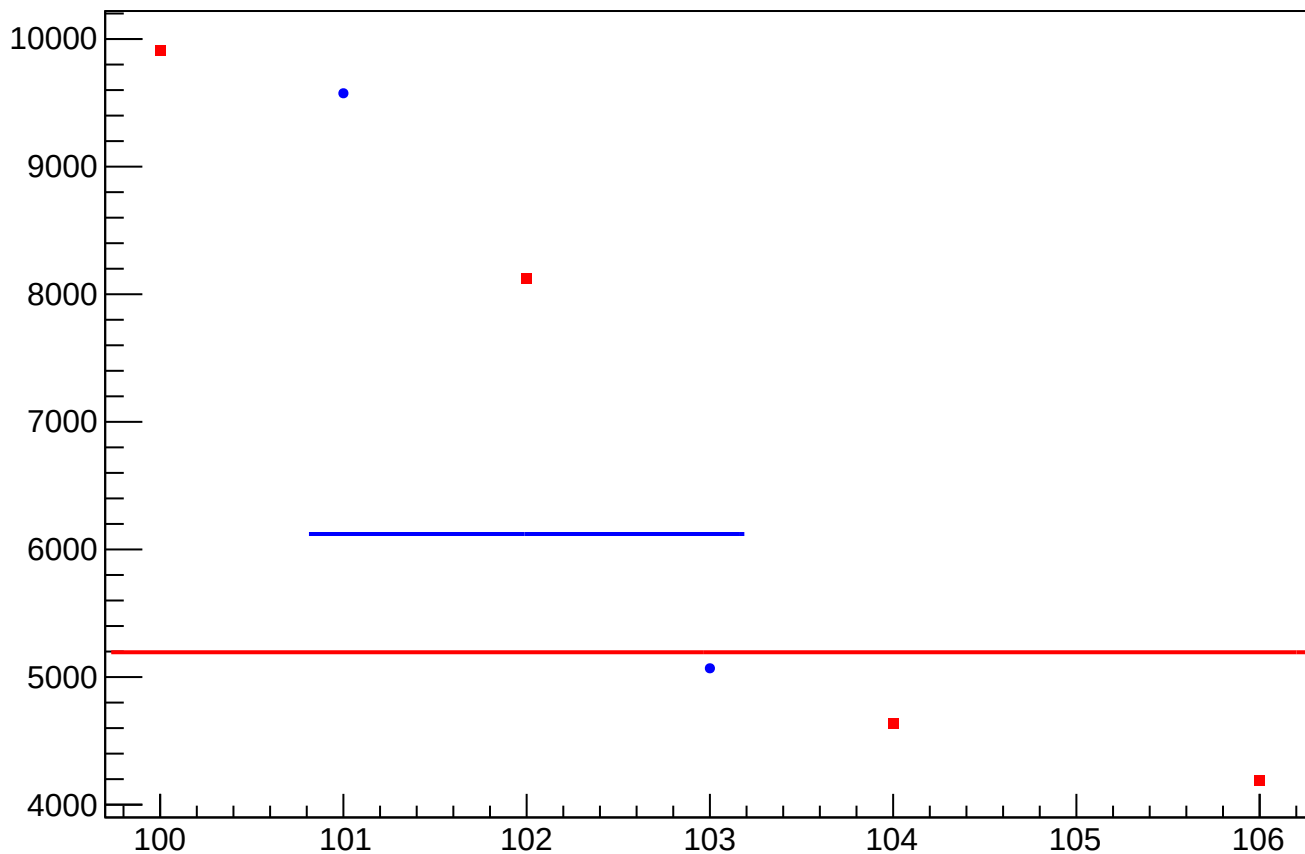
Right: -433.794+/-3563.947 χ^2/NDF : 4.1/5

In: -2740.324+/-5714.792 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -433.794+/-3563.947 χ^2/NDF : 4.1/5

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 6121.119 ± 4.041 χ^2/NDF : 222584.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5194.431 ± 3.224 χ^2/NDF : 223493.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

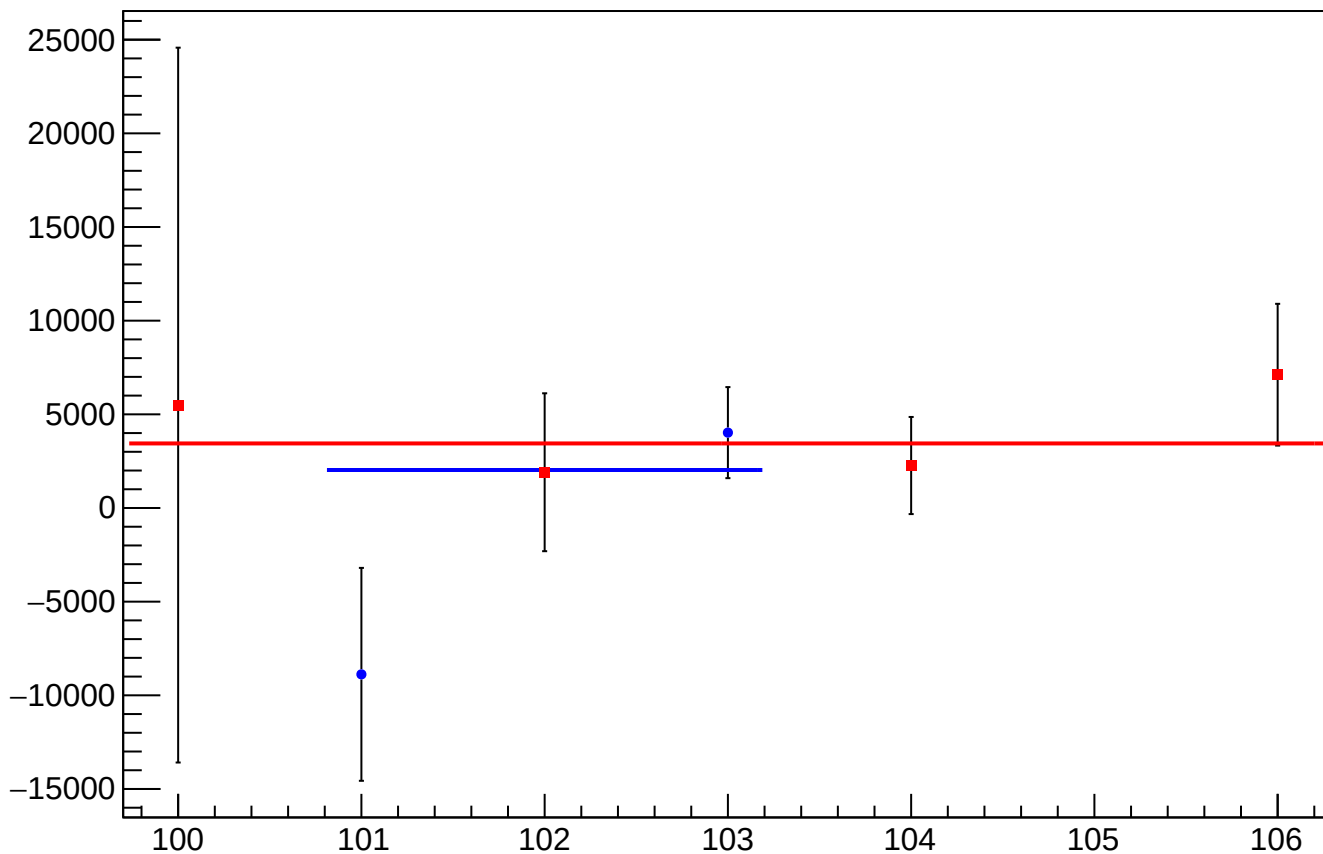
Right: 5554.840 ± 2.520 χ^2/NDF : 478213.4/5

In: 6121.119 ± 4.041 χ^2/NDF : 222584.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5554.840 ± 2.520 χ^2/NDF : 478213.4/5

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3446.255+/-1897.569 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

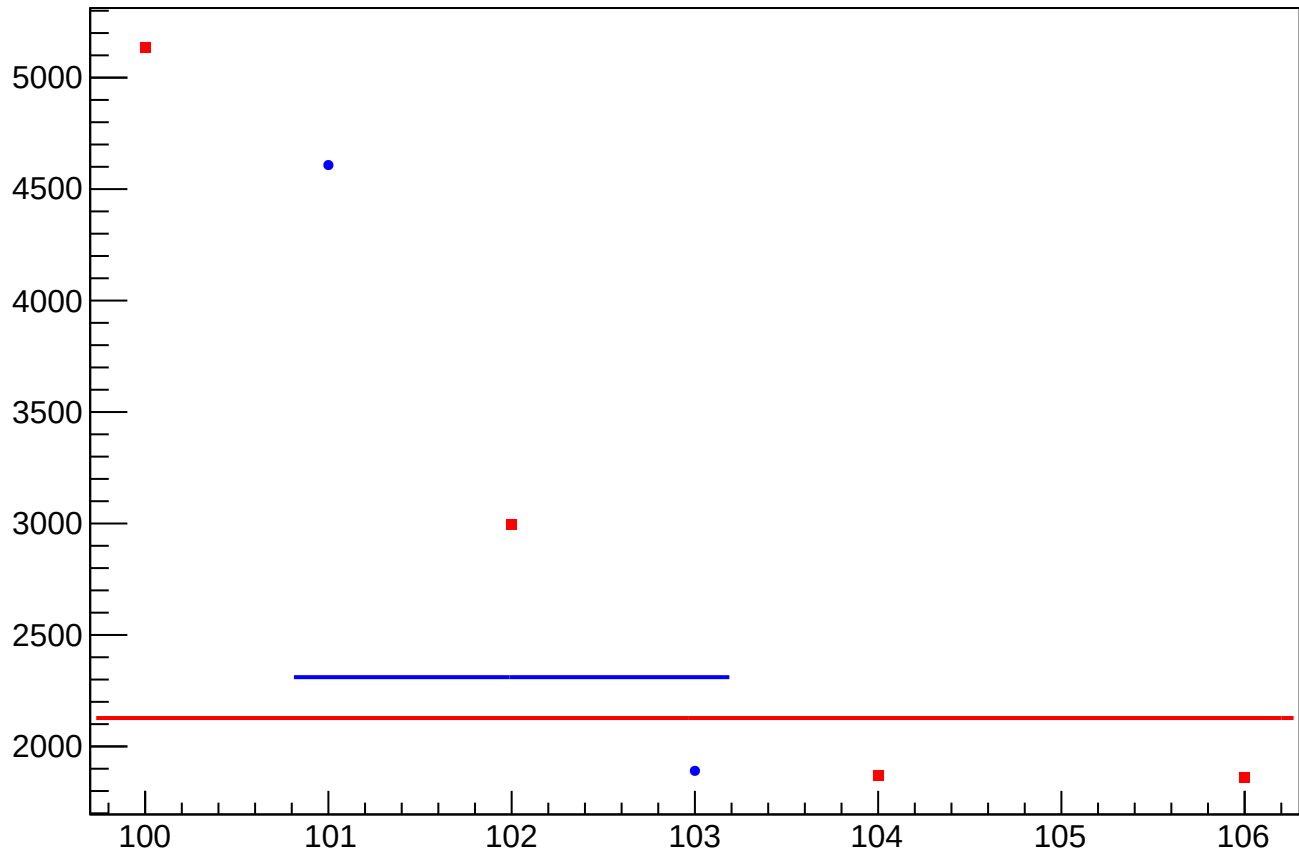
Right: 2852.171+/-1446.413 χ^2/NDF : 5.9/5

In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.171+/-1446.413 χ^2/NDF : 5.9/5

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.487+/-1.342 χ^2/NDF : 164803.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

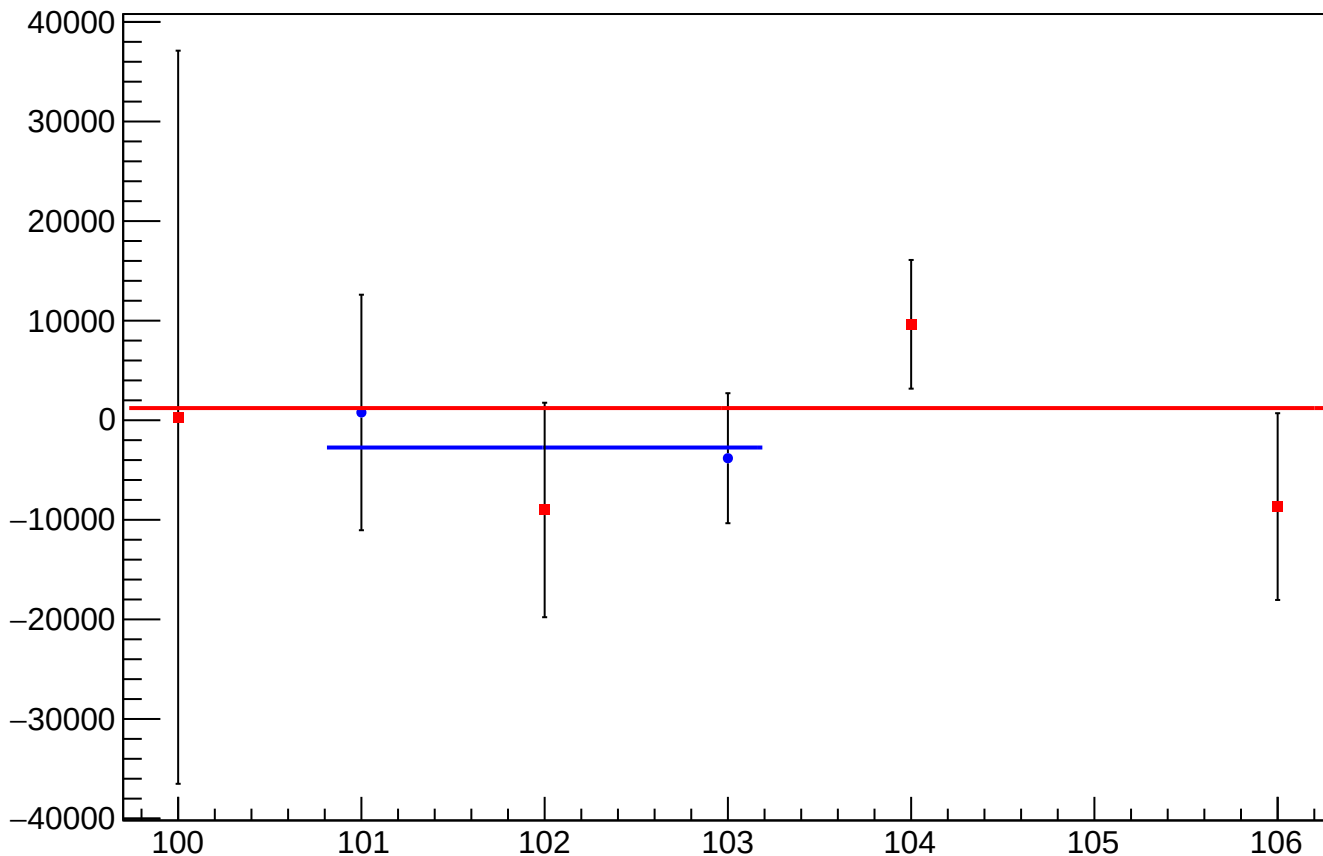
Right: 2204.242+/-1.023 χ^2/NDF : 559206.9/5

In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.242+/-1.023 χ^2/NDF : 559206.9/5

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2739.707±/-5715.366 χ^2 /NDF: 0.1/1

Left Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

Right Out: 1221.945±/-4731.137 χ^2 /NDF: 3.7/3

Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

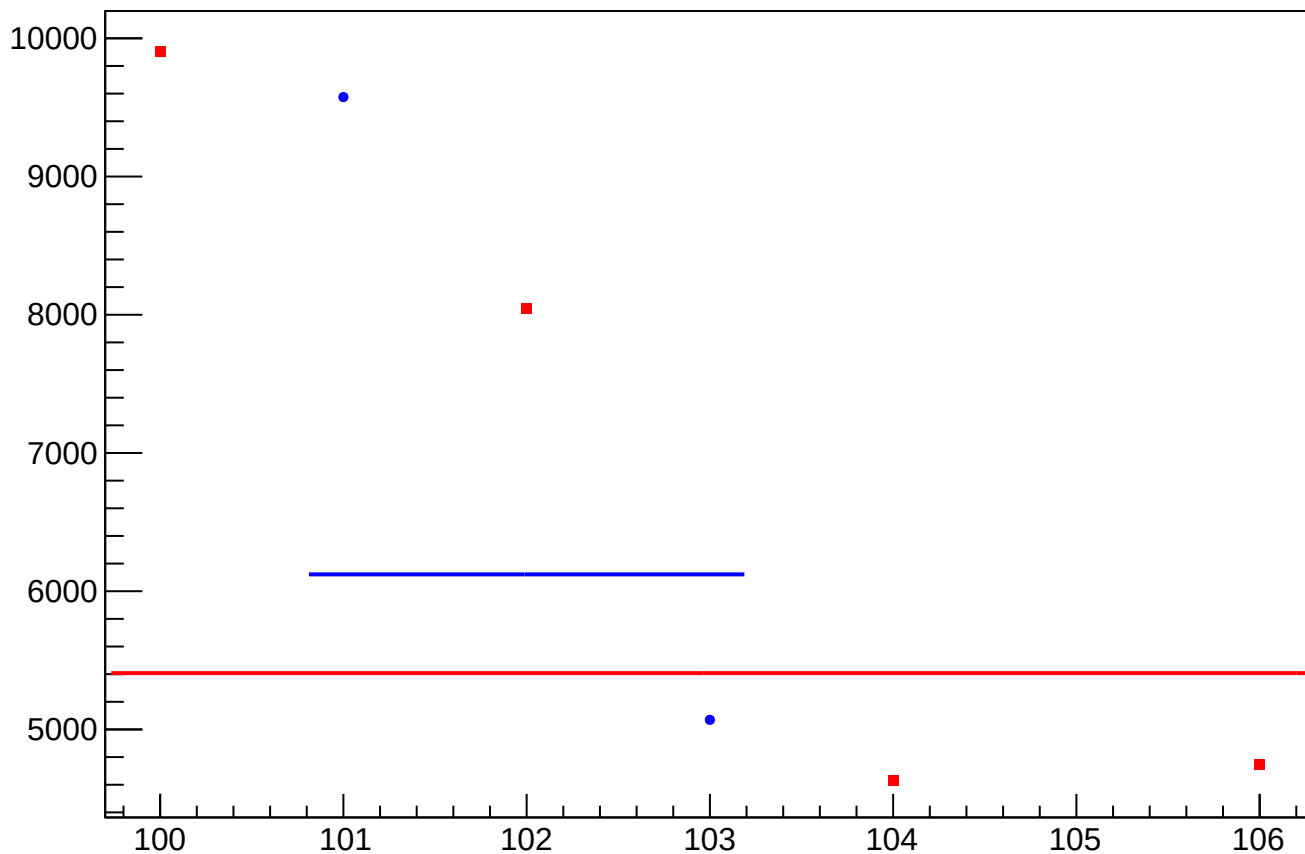
Right: -388.913±/-3644.472 χ^2 /NDF: 4.1/5

In: -2739.707±/-5715.366 χ^2 /NDF:0.1/1

Out: 0.000±/-0.000 χ^2 /NDF:0.0/0

All: -388.913±/-3644.472 χ^2 /NDF: 4.1/5

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5407.376+/-3.345 χ^2/NDF : 188441.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

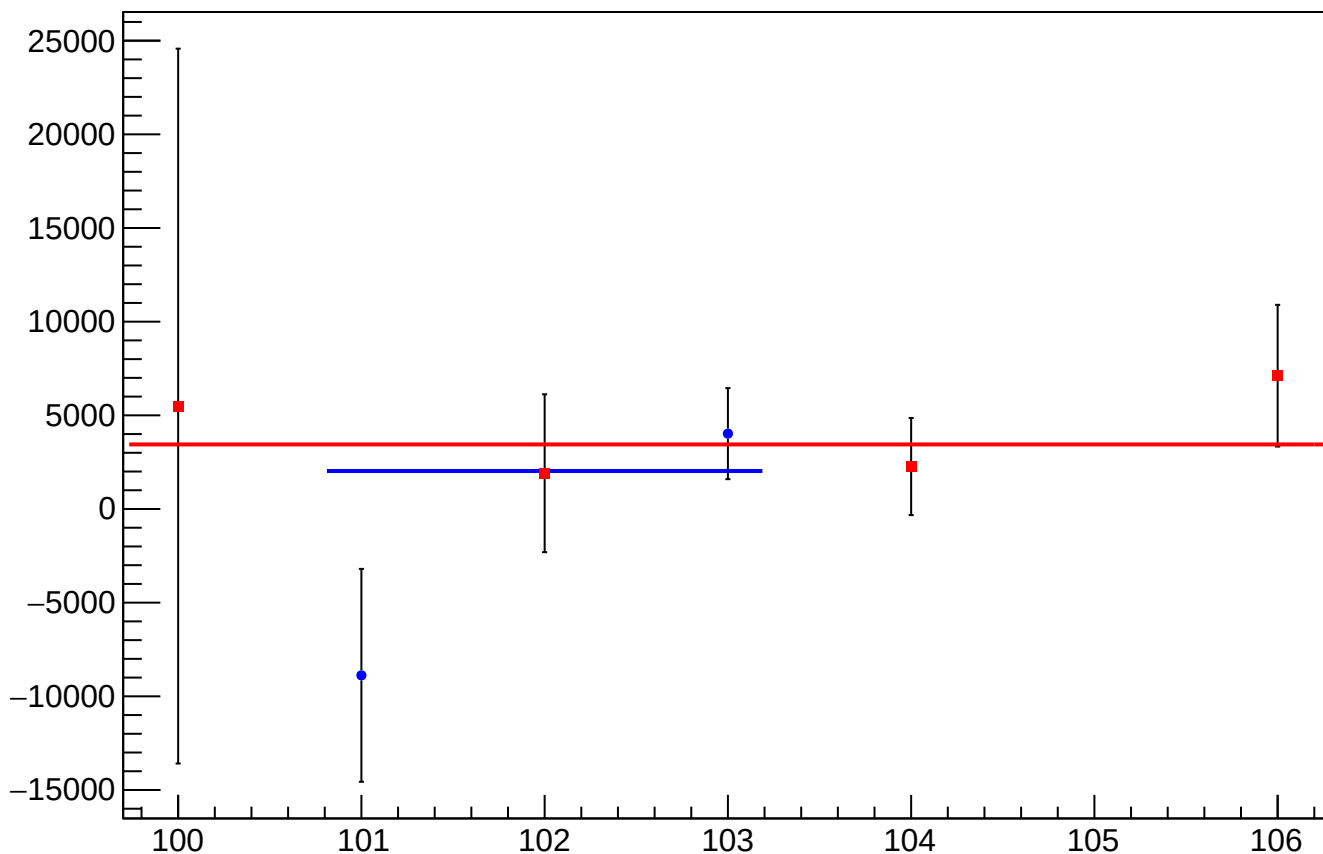
Right: 5697.902+/-2.577 χ^2/NDF : 429488.6/5

In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5697.902+/-2.577 χ^2/NDF : 429488.6/5

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3446.255+/-1897.569 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

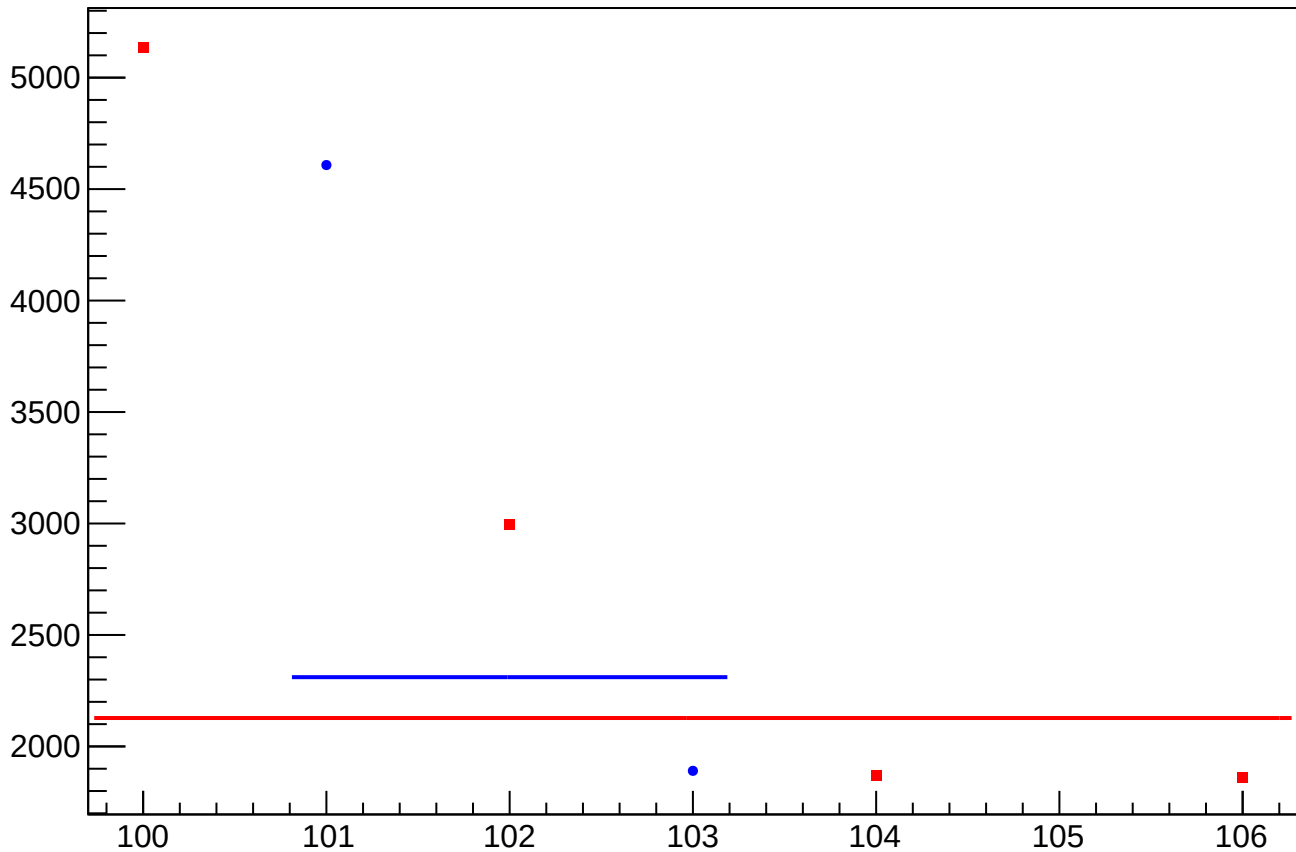
Right: 2852.171+/-1446.413 χ^2/NDF : 5.9/5

In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.171+/-1446.413 χ^2/NDF : 5.9/5

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.487+/-1.342 χ^2/NDF : 164803.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

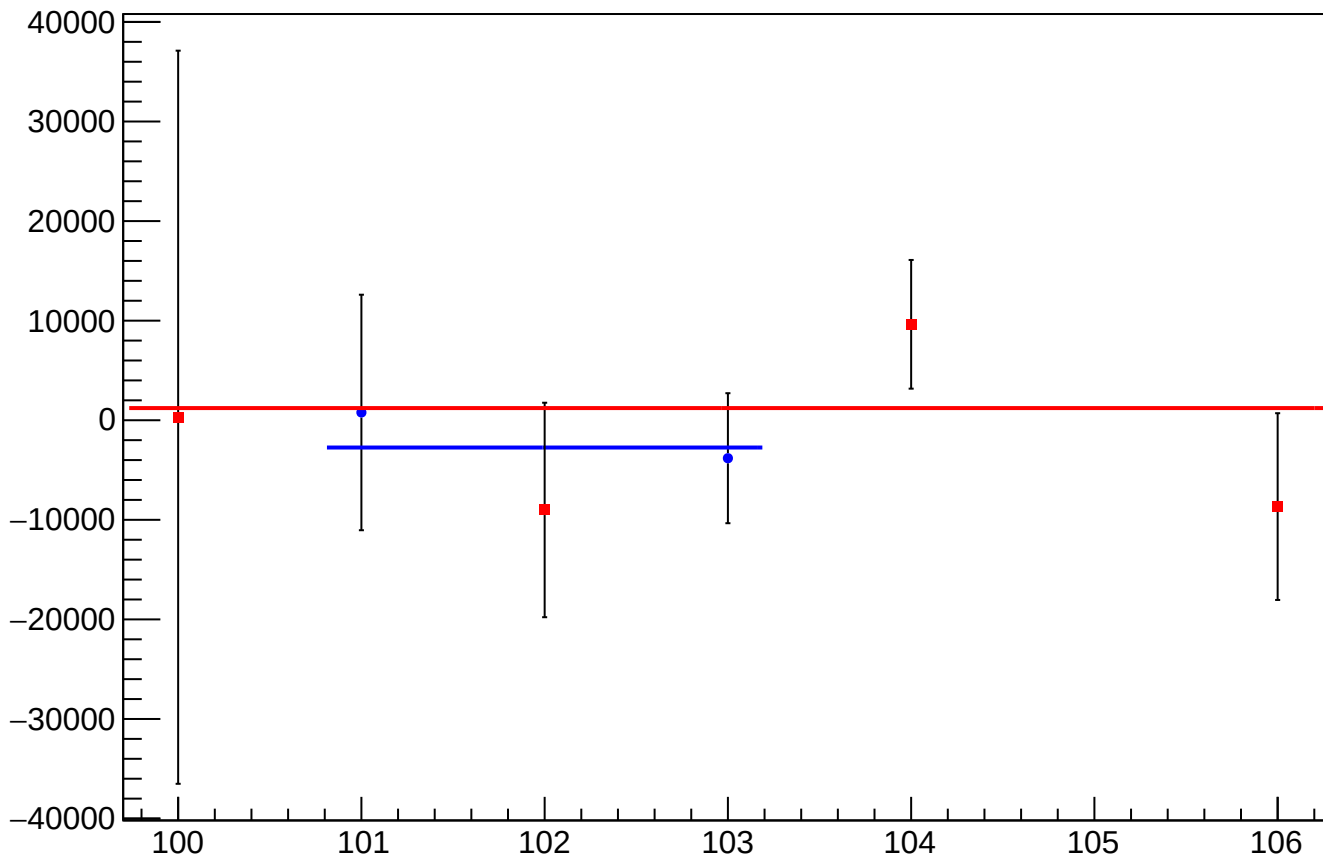
Right: 2204.242+/-1.023 χ^2/NDF : 559206.9/5

In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.242+/-1.023 χ^2/NDF : 559206.9/5

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1221.945+/-4731.137 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

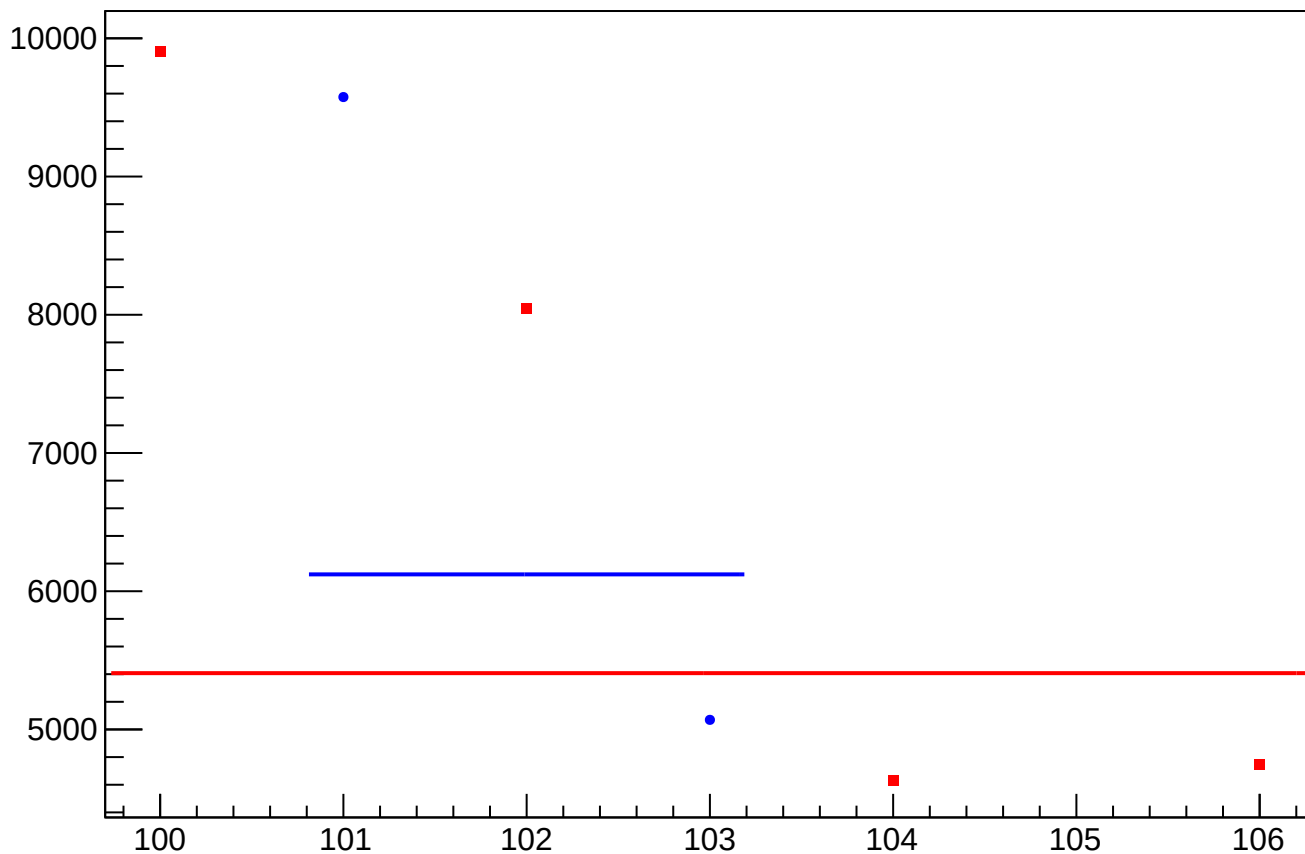
Right: -388.913+/-3644.472 χ^2/NDF : 4.1/5

In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -388.913+/-3644.472 χ^2/NDF : 4.1/5

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6121.878+/-4.041 χ^2 /NDF: 222499.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5407.376+/-3.345 χ^2 /NDF: 188441.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

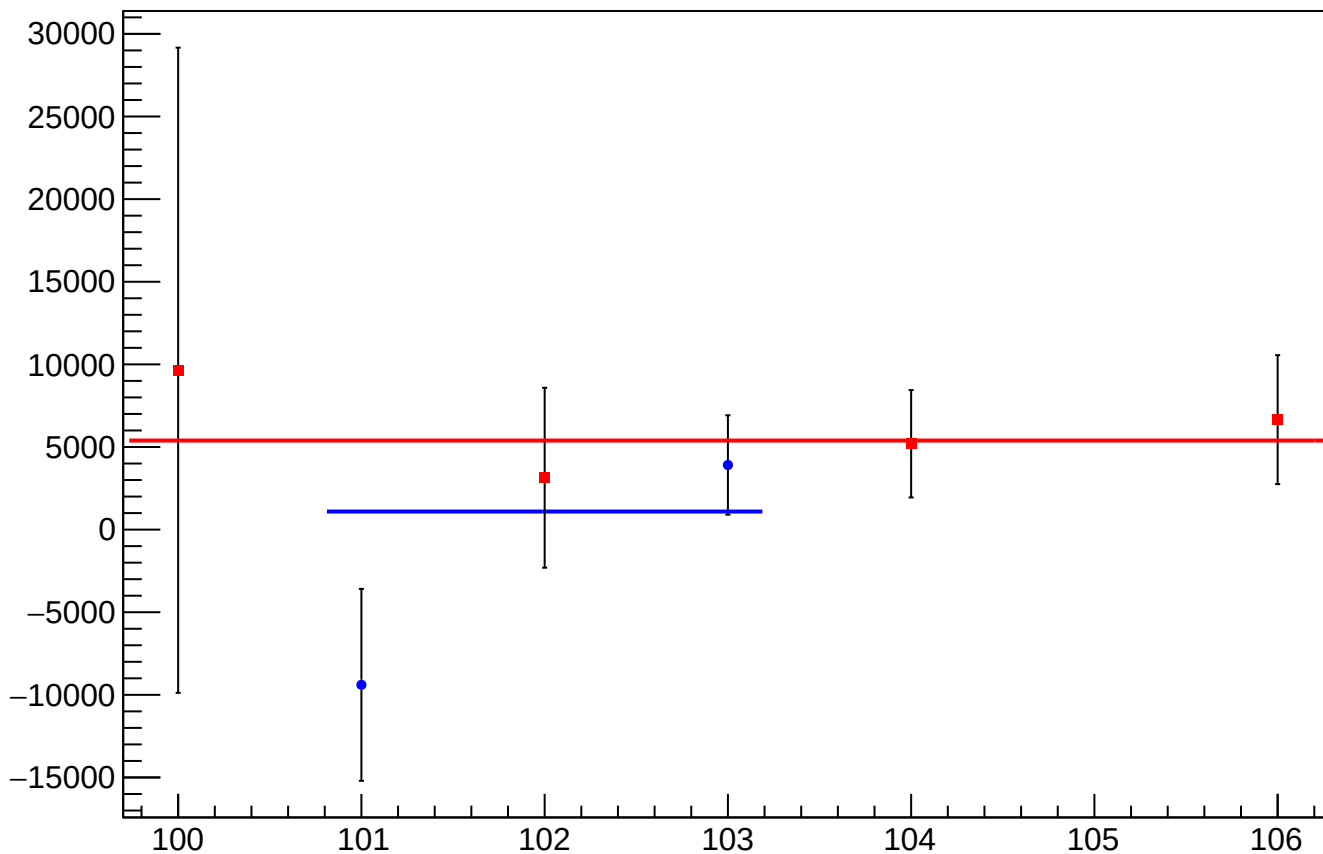
Right: 5697.902+/-2.577 χ^2 /NDF: 429488.6/5

In: 6121.878+/-4.041 χ^2 /NDF:222499.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5697.902+/-2.577 χ^2 /NDF: 429488.6/5

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 1093.938+/-2671.807 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5390.137+/-2254.532 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

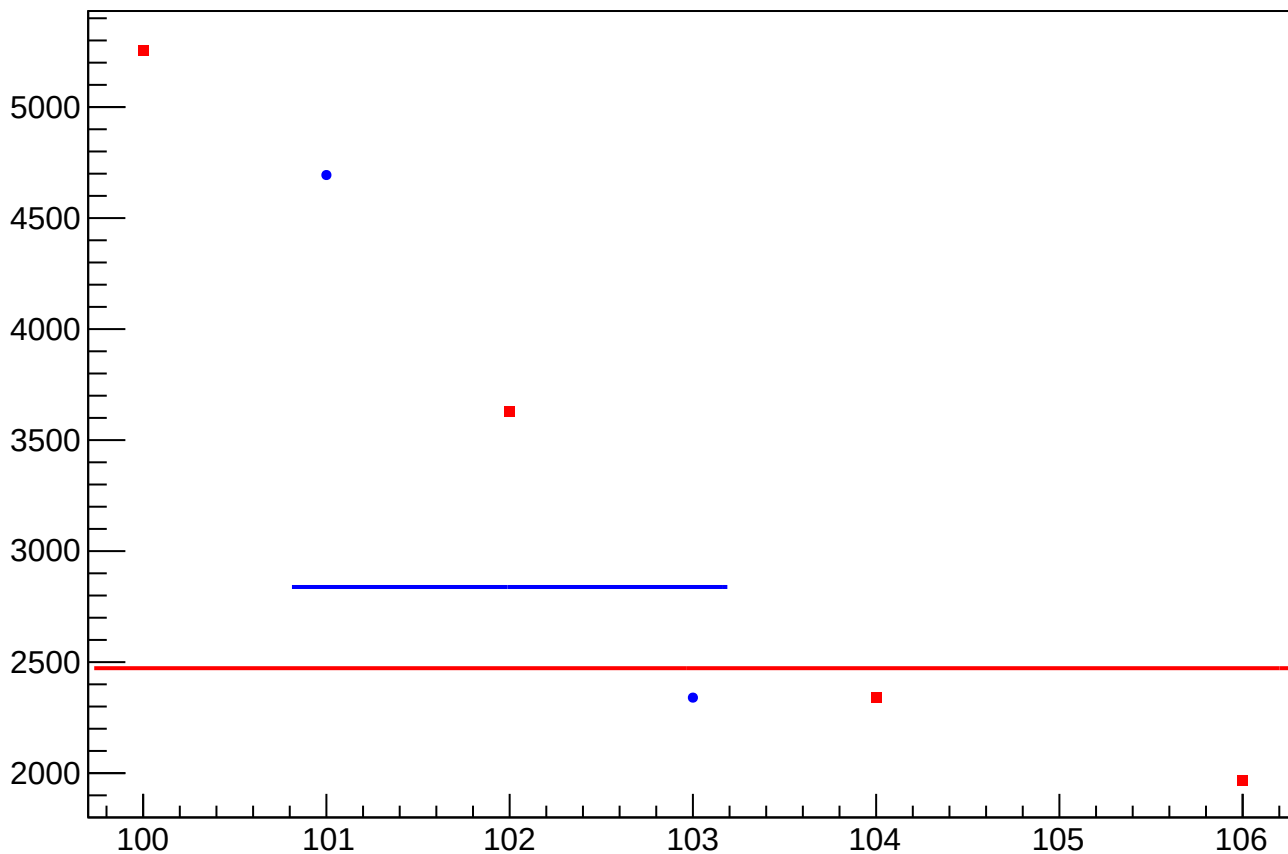
Right: 3603.345+/-1723.057 χ^2/NDF : 6.0/5

In: 1093.938+/-2671.807 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3603.345+/-1723.057 χ^2/NDF : 6.0/5

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2838.428+/-1.889 χ^2/NDF : 259032.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2472.695+/-1.589 χ^2/NDF : 168286.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

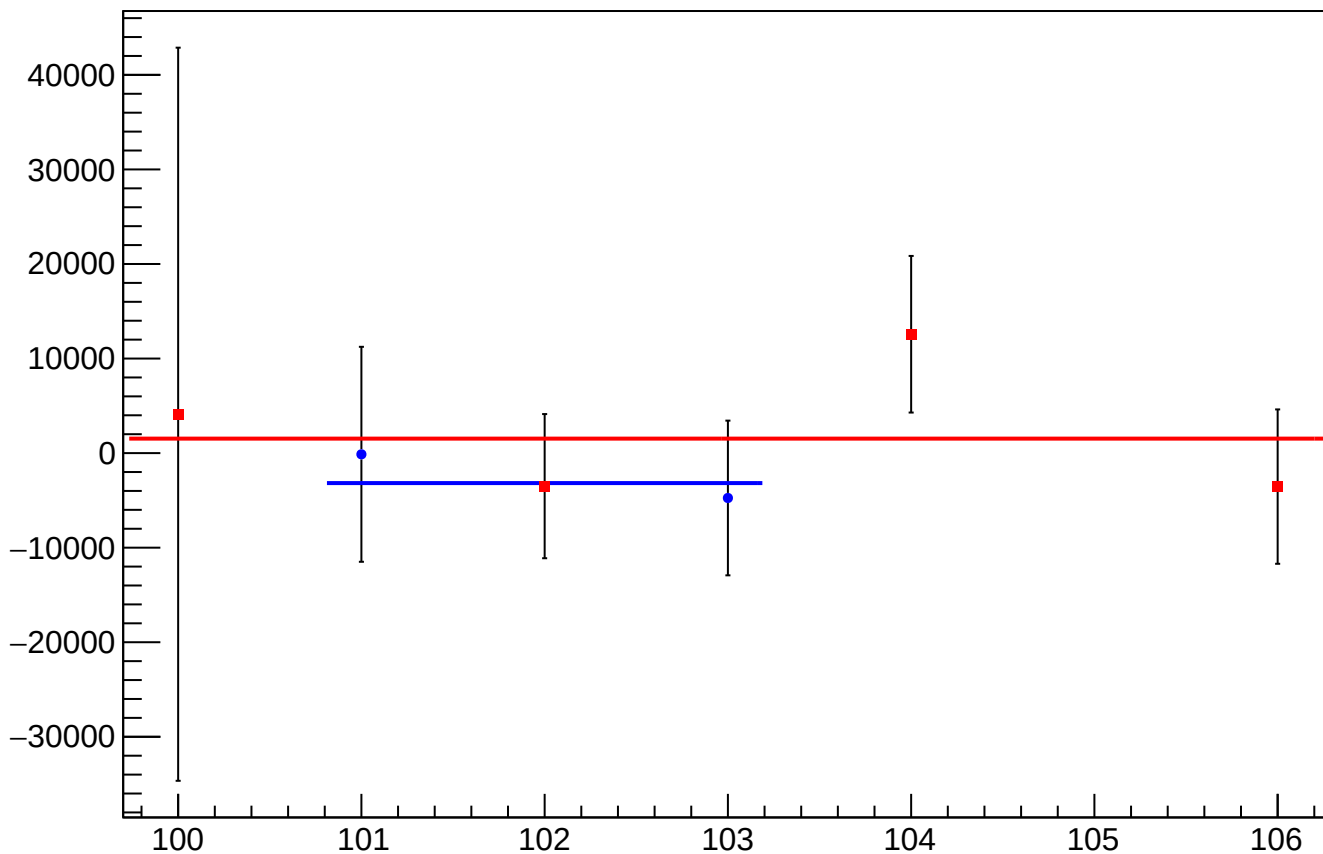
Right: 2624.238+/-1.216 χ^2/NDF : 449265.7/5

In: 2838.428+/-1.889 χ^2/NDF : 259032.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.238+/-1.216 χ^2/NDF : 449265.7/5

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -3169.791+/-6639.702 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.444+/-4590.081 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

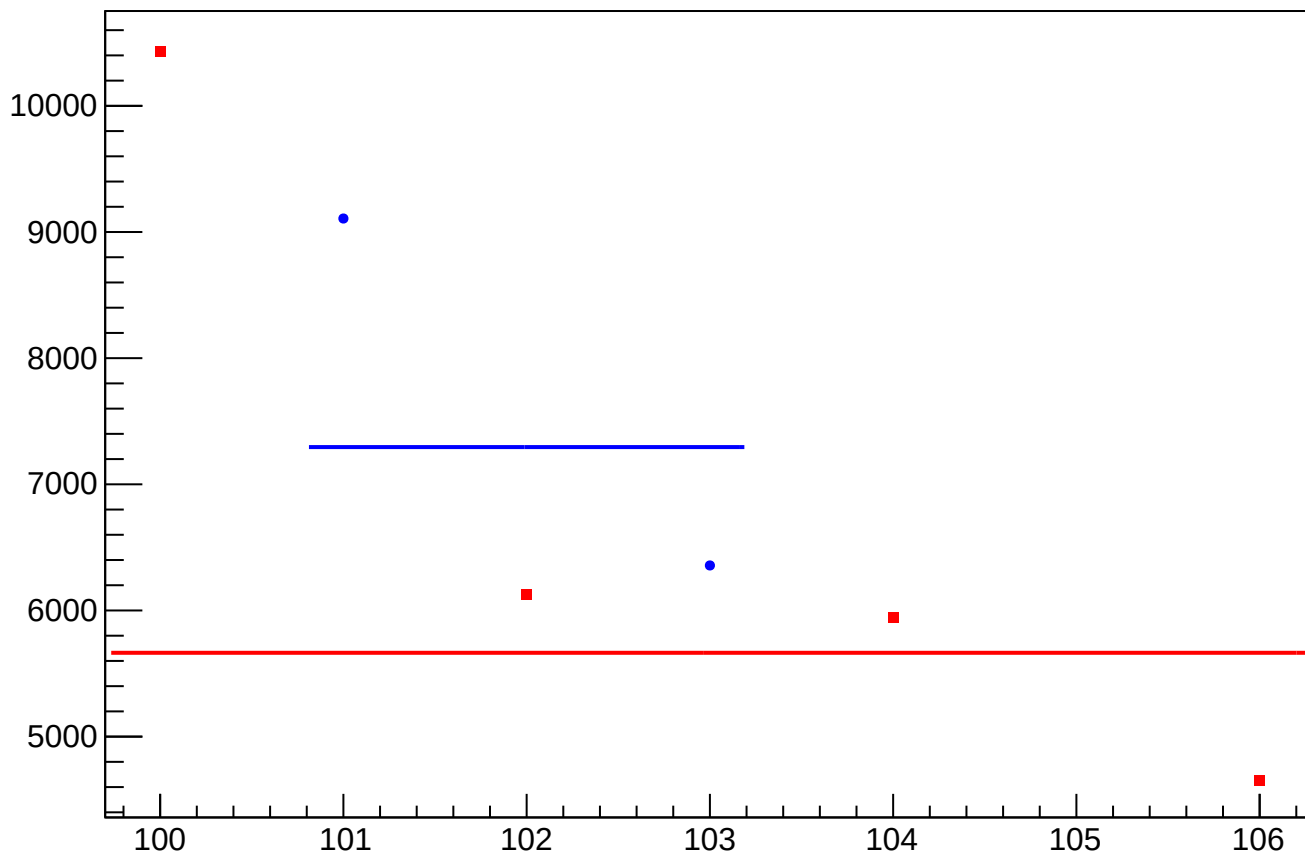
Right: 11.894+/-3775.694 χ^2/NDF : 3.1/5

In: -3169.791+/-6639.702 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.894+/-3775.694 χ^2/NDF : 3.1/5

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7295.166+/-4.695 χ^2/NDF : 77127.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5664.513+/-3.246 χ^2/NDF : 70369.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

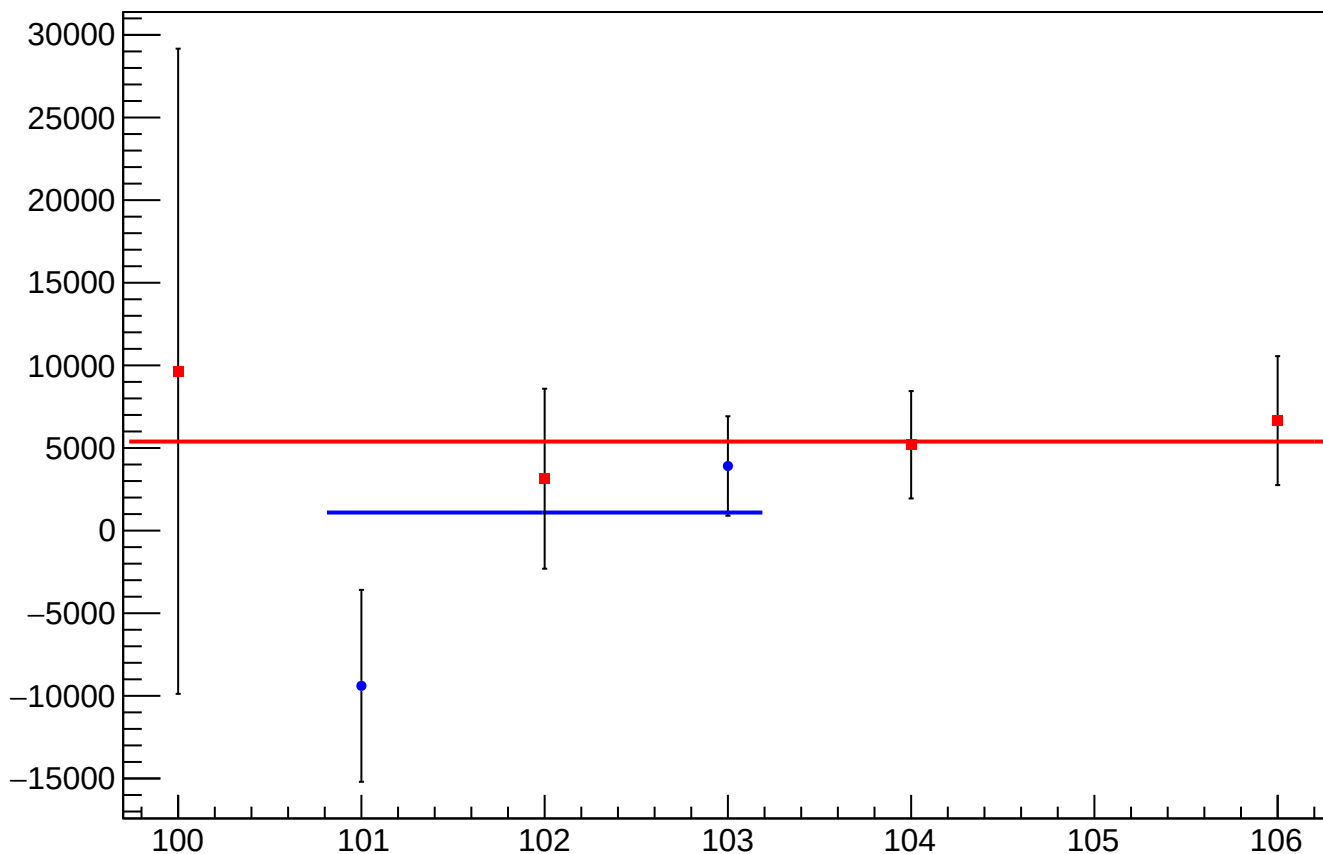
Right: 6191.813+/-2.670 χ^2/NDF : 229119.1/5

In: 7295.166+/-4.695 χ^2/NDF : 77127.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6191.813+/-2.670 χ^2/NDF : 229119.1/5

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 1093.919+/-2671.806 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5390.146+/-2254.532 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

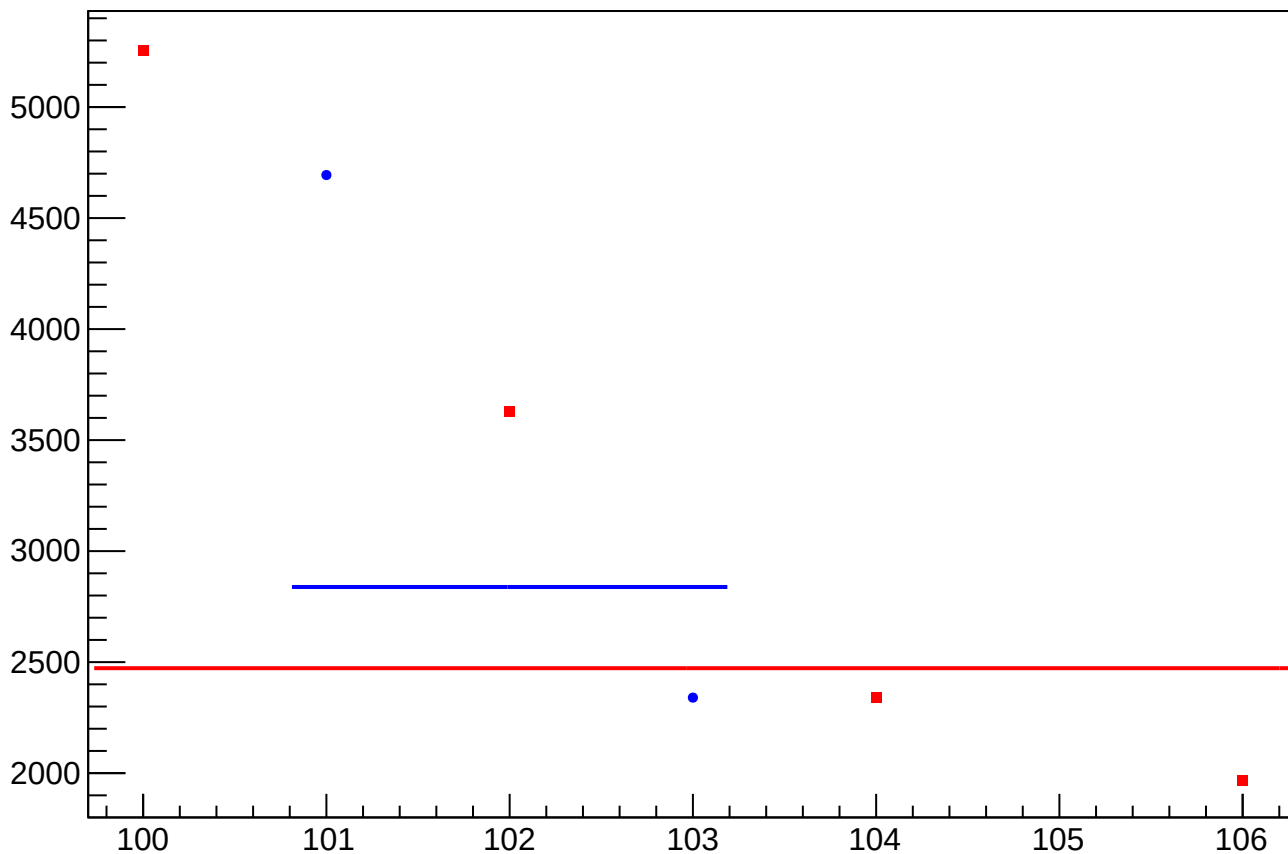
Right: 3603.342+/-1723.057 χ^2/NDF : 6.0/5

In: 1093.919+/-2671.806 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3603.342+/-1723.057 χ^2/NDF : 6.0/5

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2838.427+/-1.889 χ^2/NDF : 259032.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2472.696+/-1.589 χ^2/NDF : 168286.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

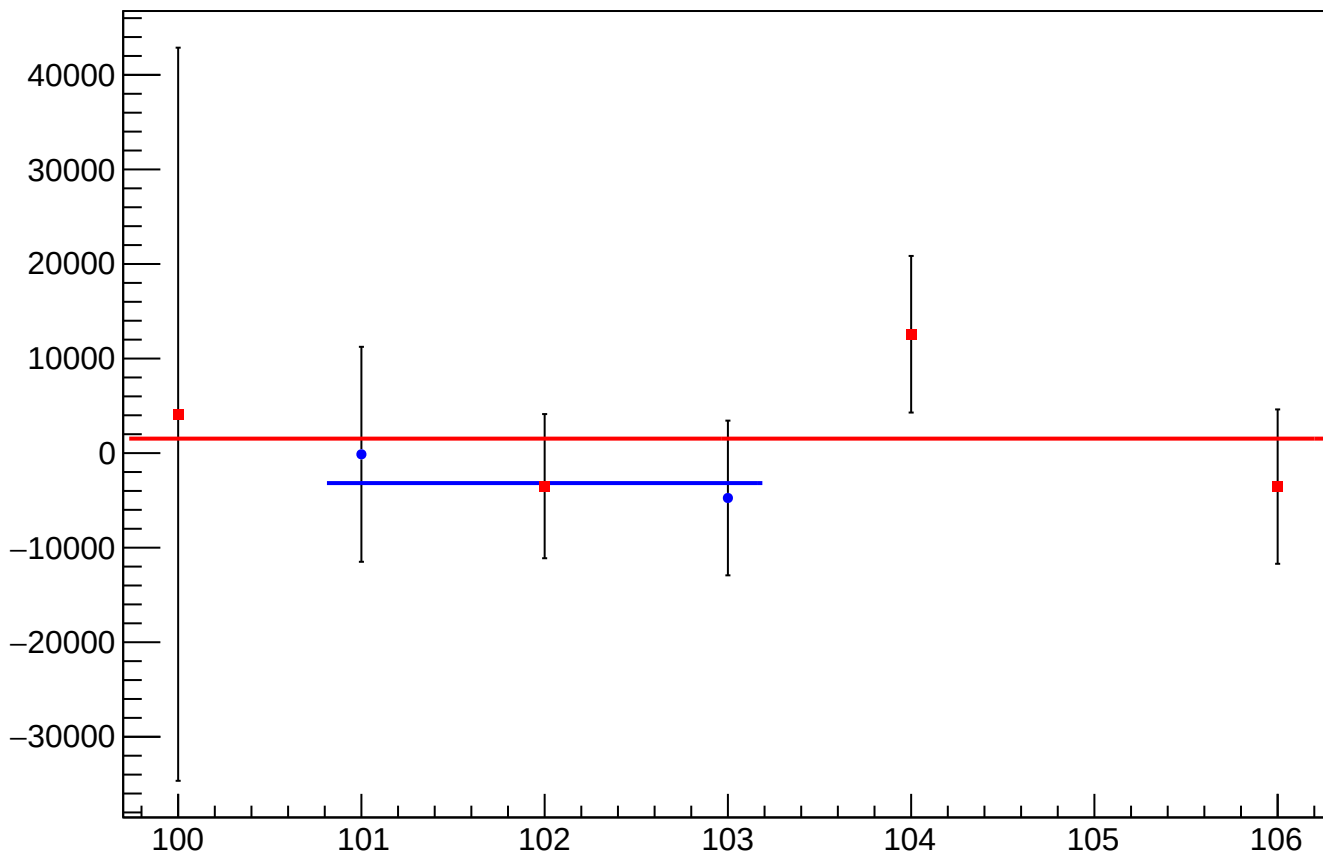
Right: 2624.238+/-1.216 χ^2/NDF : 449265.4/5

In: 2838.427+/-1.889 χ^2/NDF : 259032.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.238+/-1.216 χ^2/NDF : 449265.4/5

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3169.812 $\pm$ 6639.698 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1532.452 $\pm$ 4590.076 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

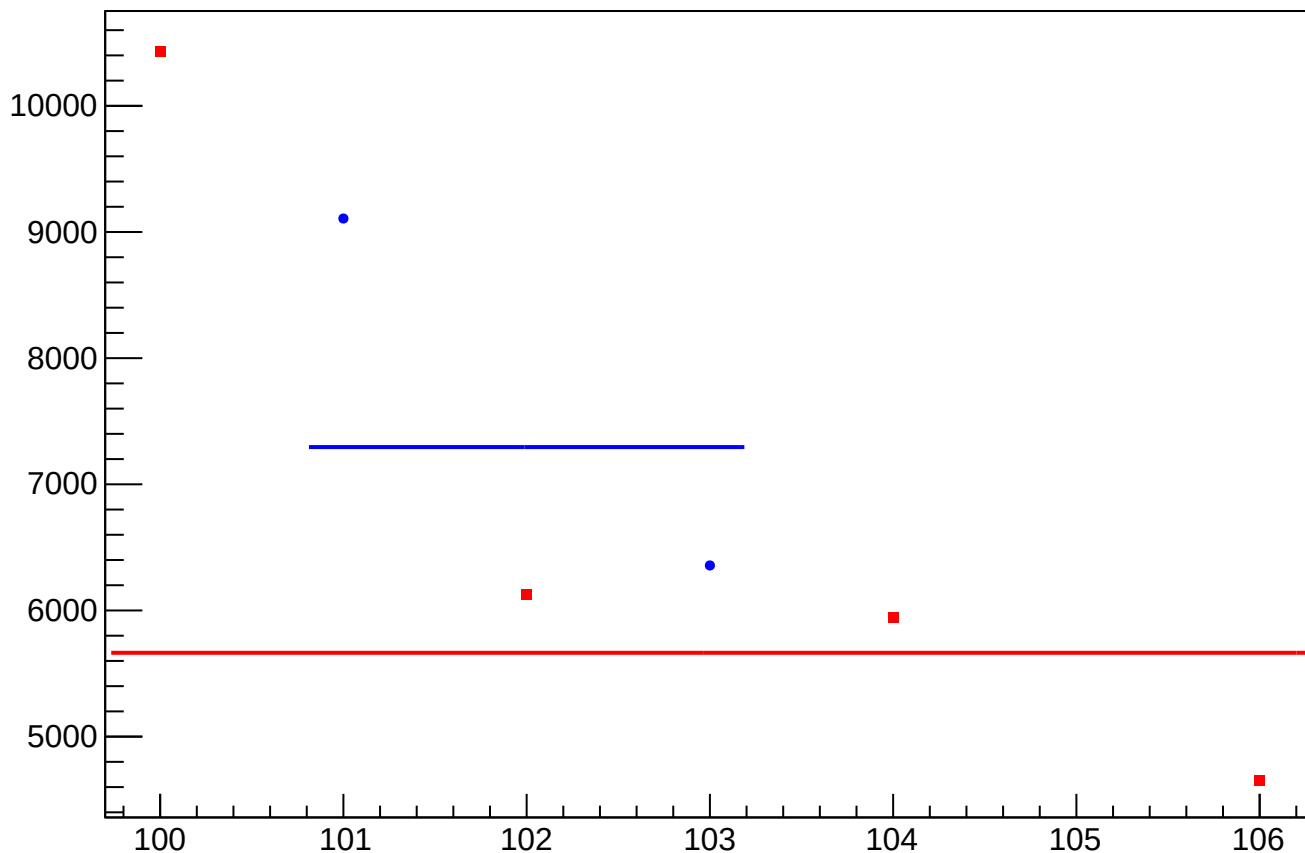
Right: 11.894 $\pm$ 3775.690 χ^2 /NDF: 3.1/5

In: -3169.812 $\pm$ 6639.698 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.894 $\pm$ 3775.690 χ^2 /NDF: 3.1/5

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7295.162+/-4.695 χ^2/NDF : 77127.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5664.505+/-3.246 χ^2/NDF : 70370.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

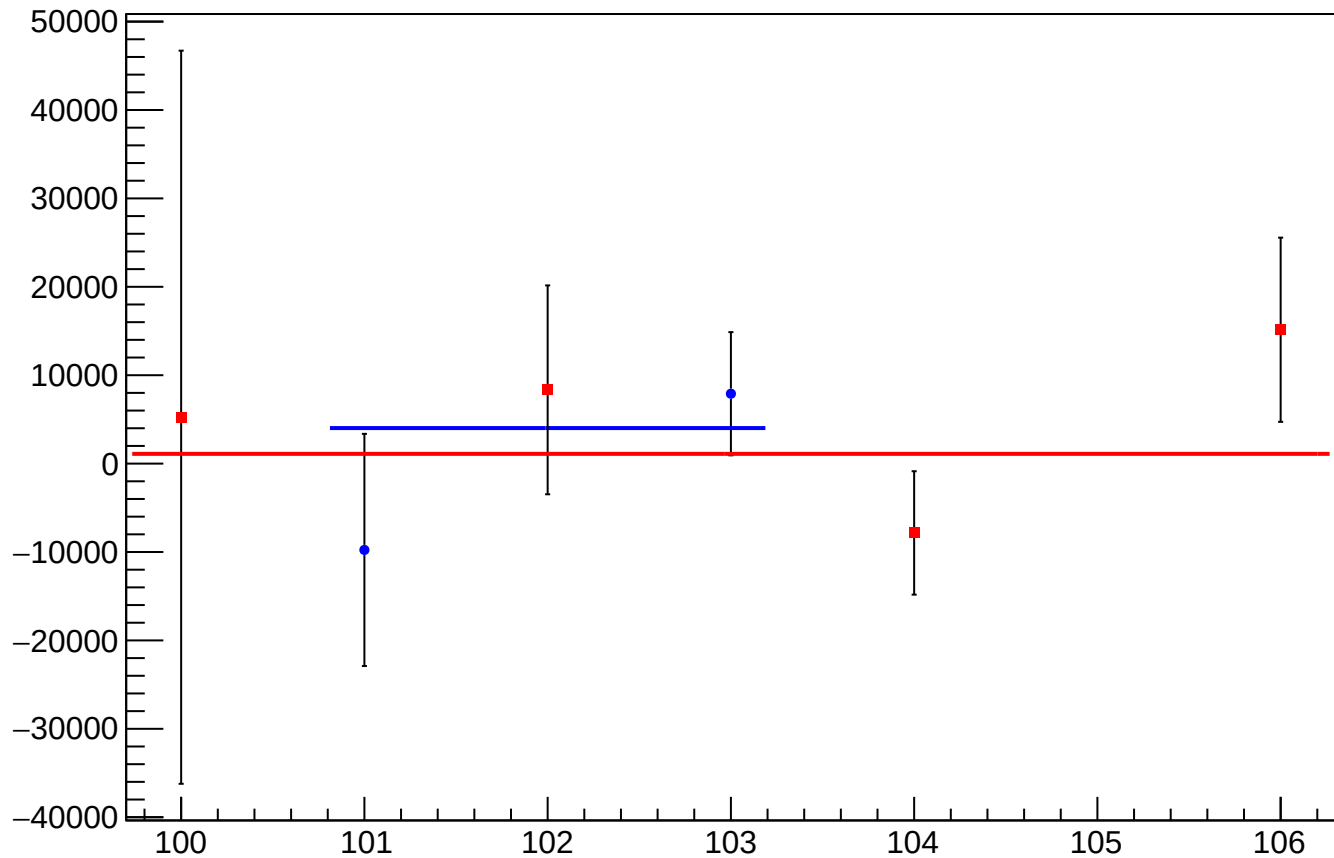
Right: 6191.806+/-2.670 χ^2/NDF : 229119.9/5

In: 7295.162+/-4.695 χ^2/NDF : 77127.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6191.806+/-2.670 χ^2/NDF : 229119.9/5

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4021.060+/-6155.988 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.253+/-5164.814 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

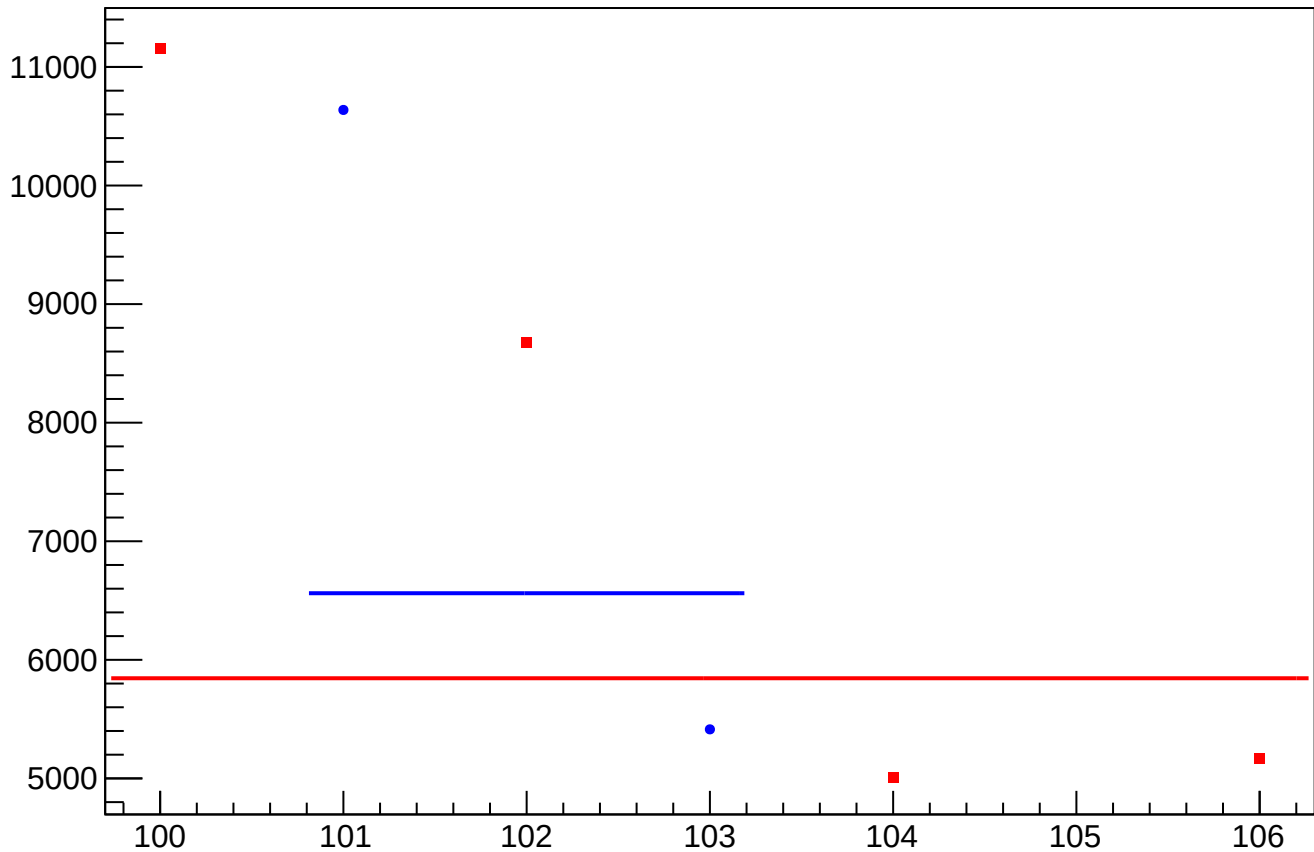
Right: 2309.223+/-3956.690 χ^2/NDF : 5.4/5

In: 4021.060+/-6155.988 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2309.223+/-3956.690 χ^2/NDF : 5.4/5

asym_atr2_rms vs Slug, Sign Corrected



Right In: 6561.704+/-4.353 χ^2/NDF : 246930.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5844.648+/-3.652 χ^2/NDF : 184519.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

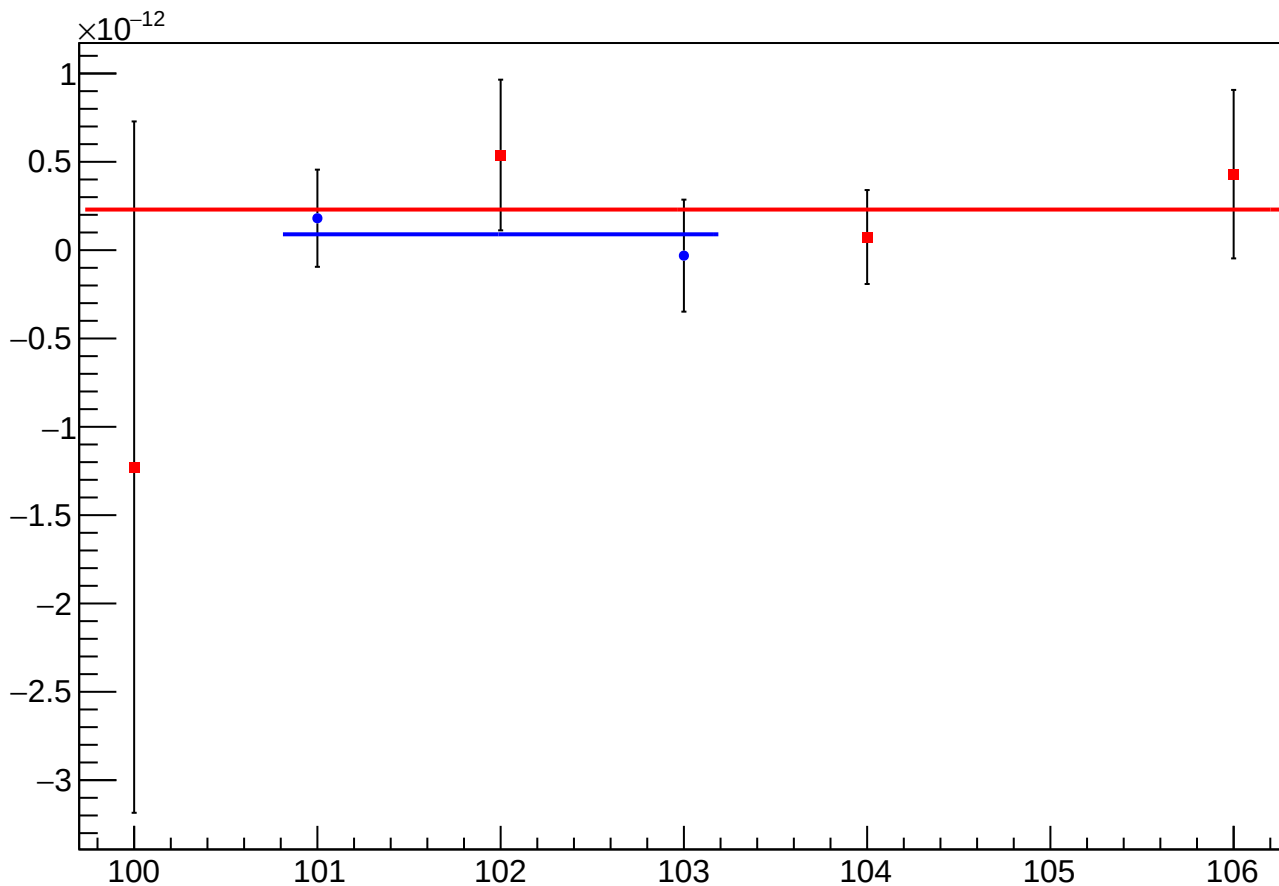
Right: 6140.855+/-2.798 χ^2/NDF : 447376.1/5

In: 6561.704+/-4.353 χ^2/NDF : 246930.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6140.855+/-2.798 χ^2/NDF : 447376.1/5

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

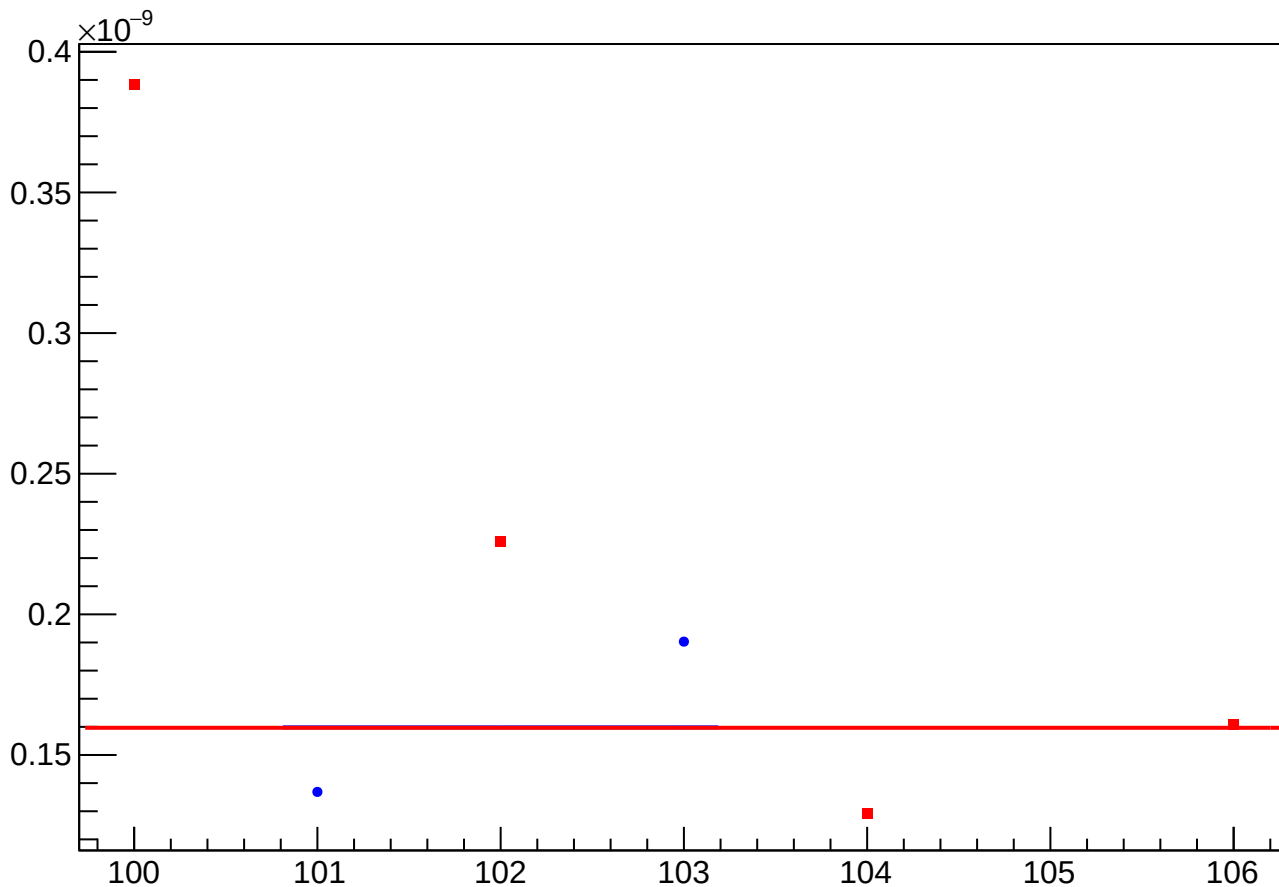
Right: 0.000+/-0.000 χ^2/NDF : 2.1/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.1/5

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 32408.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101754.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

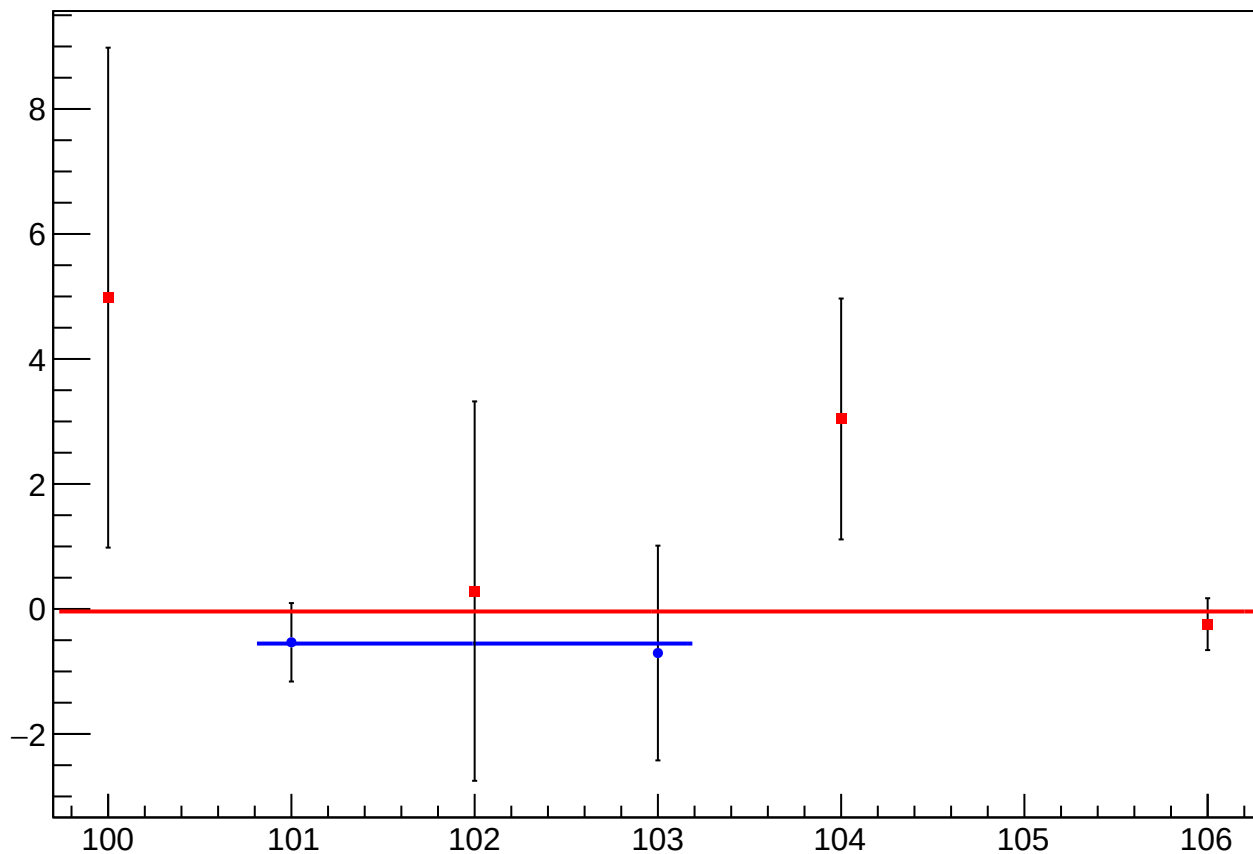
Right: 0.000+/-0.000 χ^2/NDF : 134163.1/5

In: 0.000+/-0.000 χ^2/NDF : 32408.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 134163.1/5

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 $\pm$ 0.590 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.040 $\pm$ 0.400 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

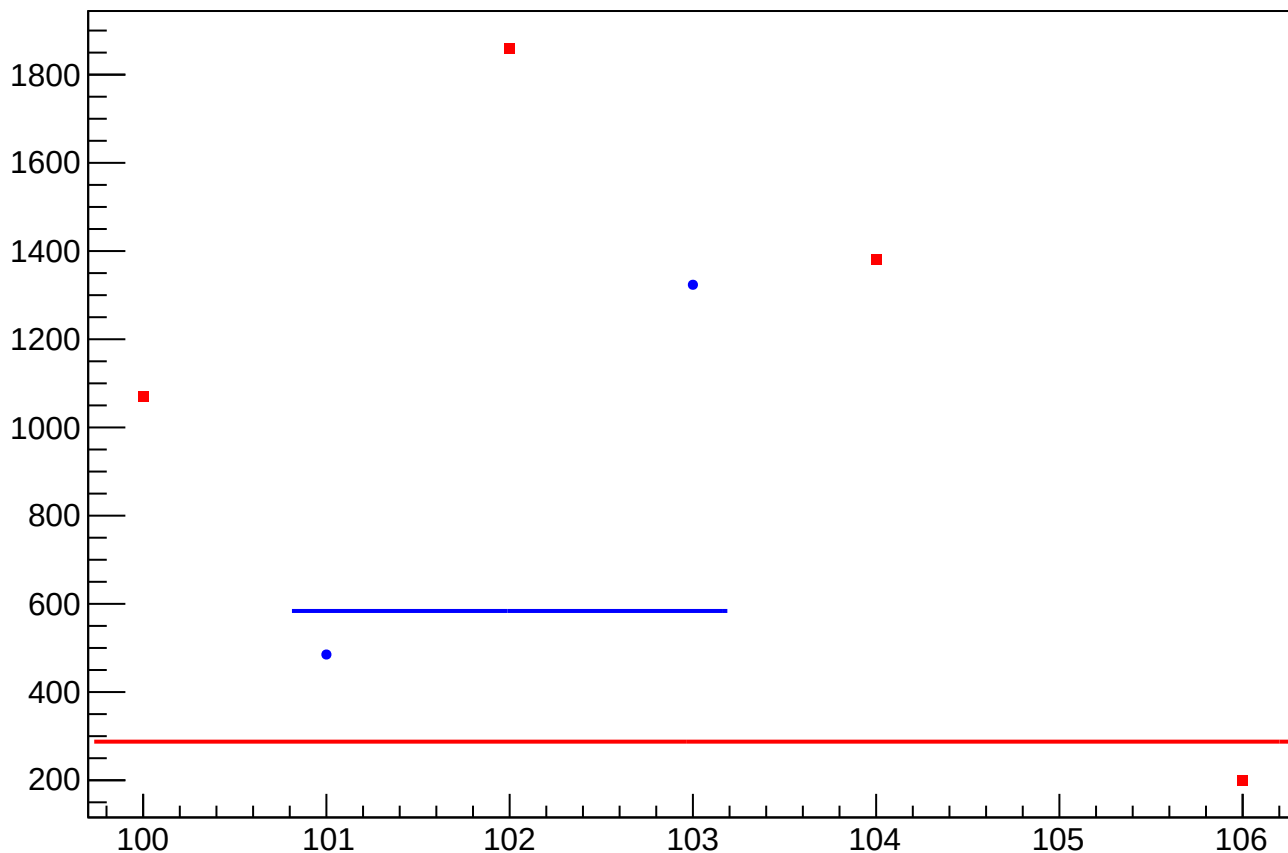
Right: -0.202 $\pm$ 0.331 χ^2 /NDF: 4.9/5

In: -0.554 $\pm$ 0.590 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.202 $\pm$ 0.331 χ^2 /NDF: 4.9/5

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.550+/-0.283 χ^2/NDF : 1347624.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

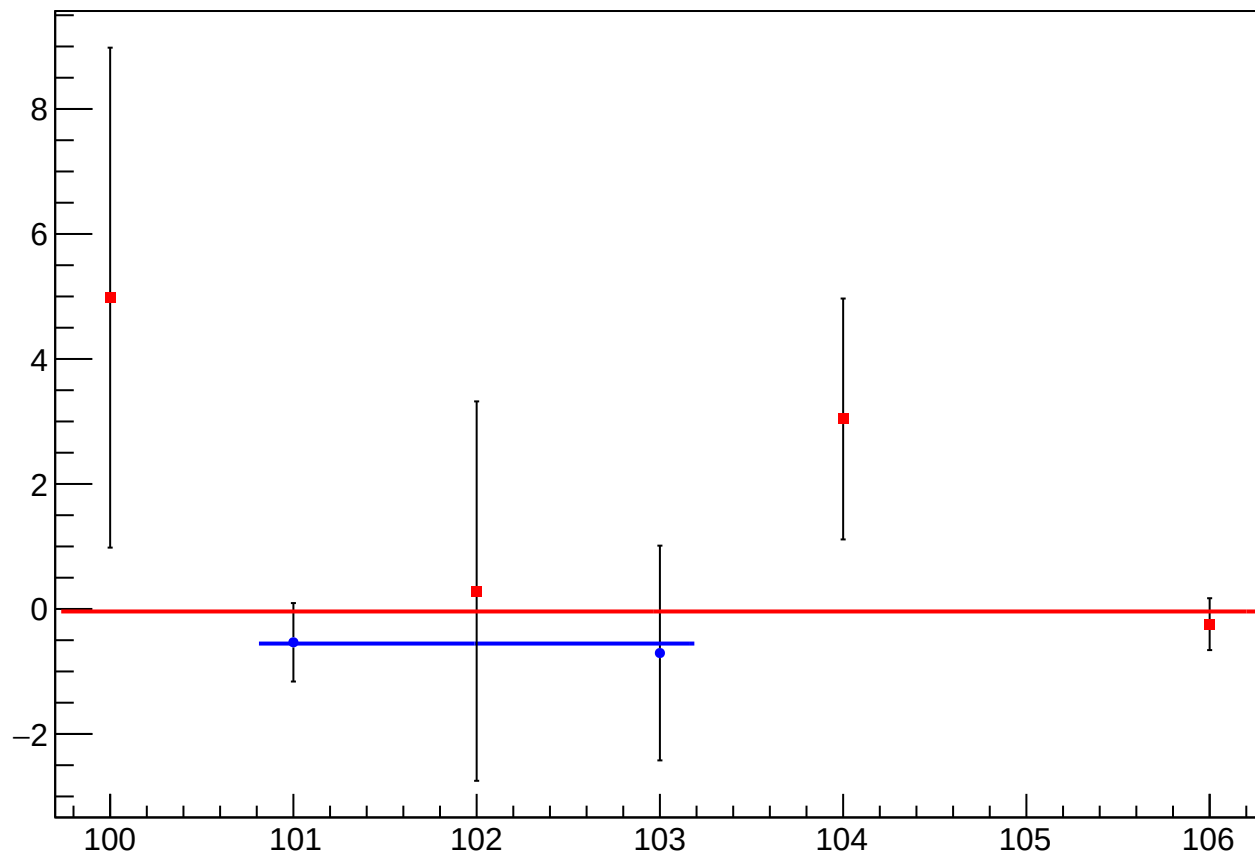
Right: 380.968+/-0.234 χ^2/NDF : 2113780.7/5

In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.968+/-0.234 χ^2/NDF : 2113780.7/5

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.400 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

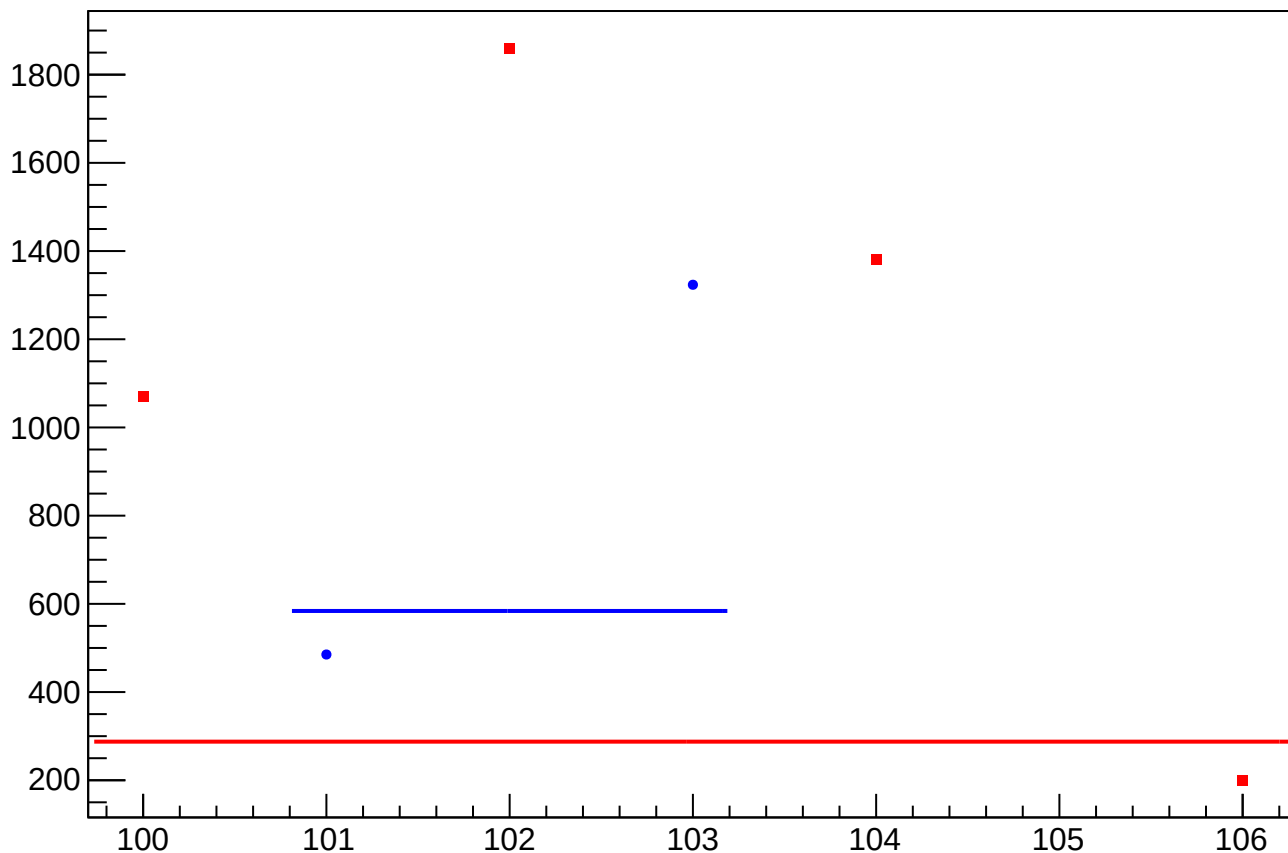
Right: -0.202+/-0.331 χ^2/NDF : 4.9/5

In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.202+/-0.331 χ^2/NDF : 4.9/5

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.884 $\pm$ 0.417 χ^2 /NDF: 420197.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 287.550 $\pm$ 0.283 χ^2 /NDF: 1347624.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

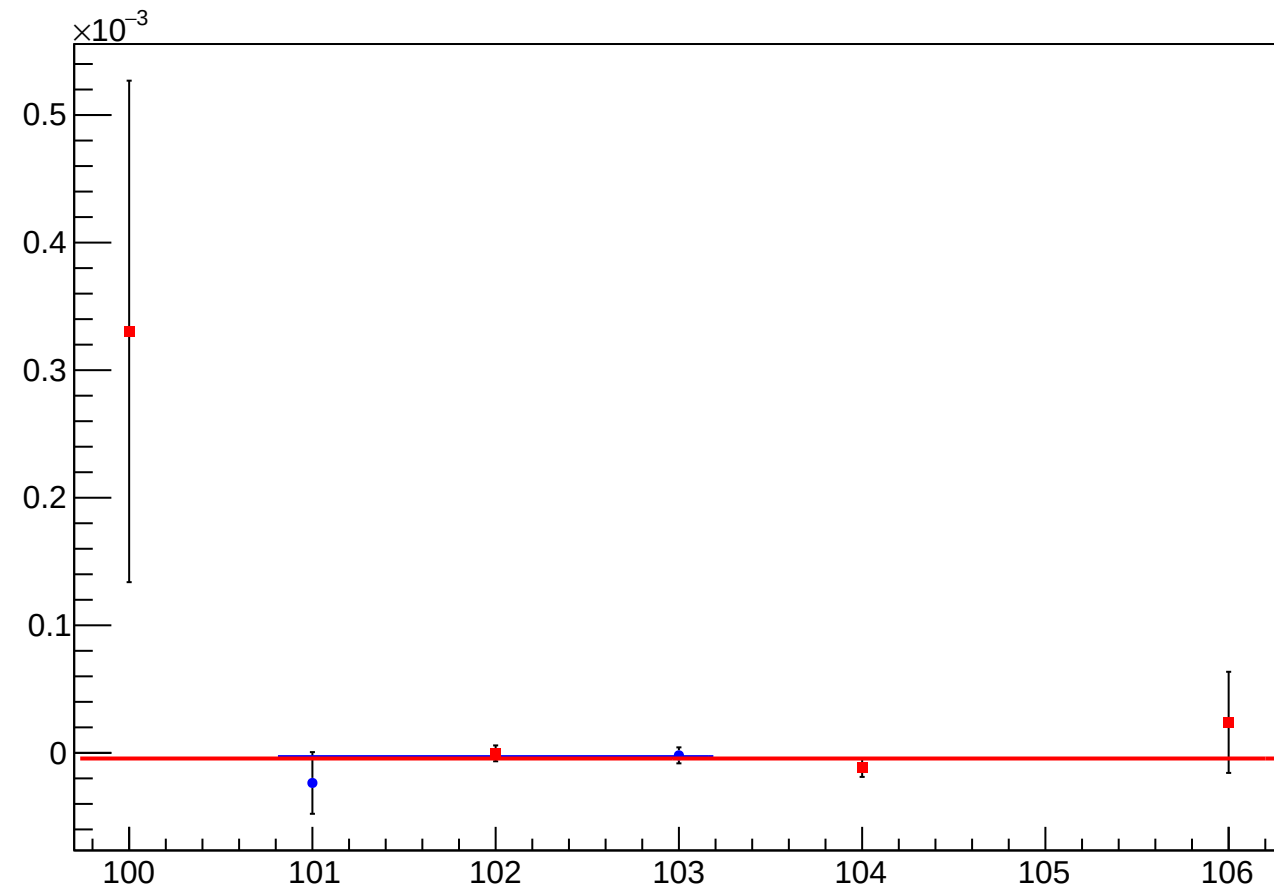
Right: 380.968 $\pm$ 0.234 χ^2 /NDF: 2113780.7/5

In: 583.884 $\pm$ 0.417 χ^2 /NDF:420197.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 380.968 $\pm$ 0.234 χ^2 /NDF: 2113780.7/5

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

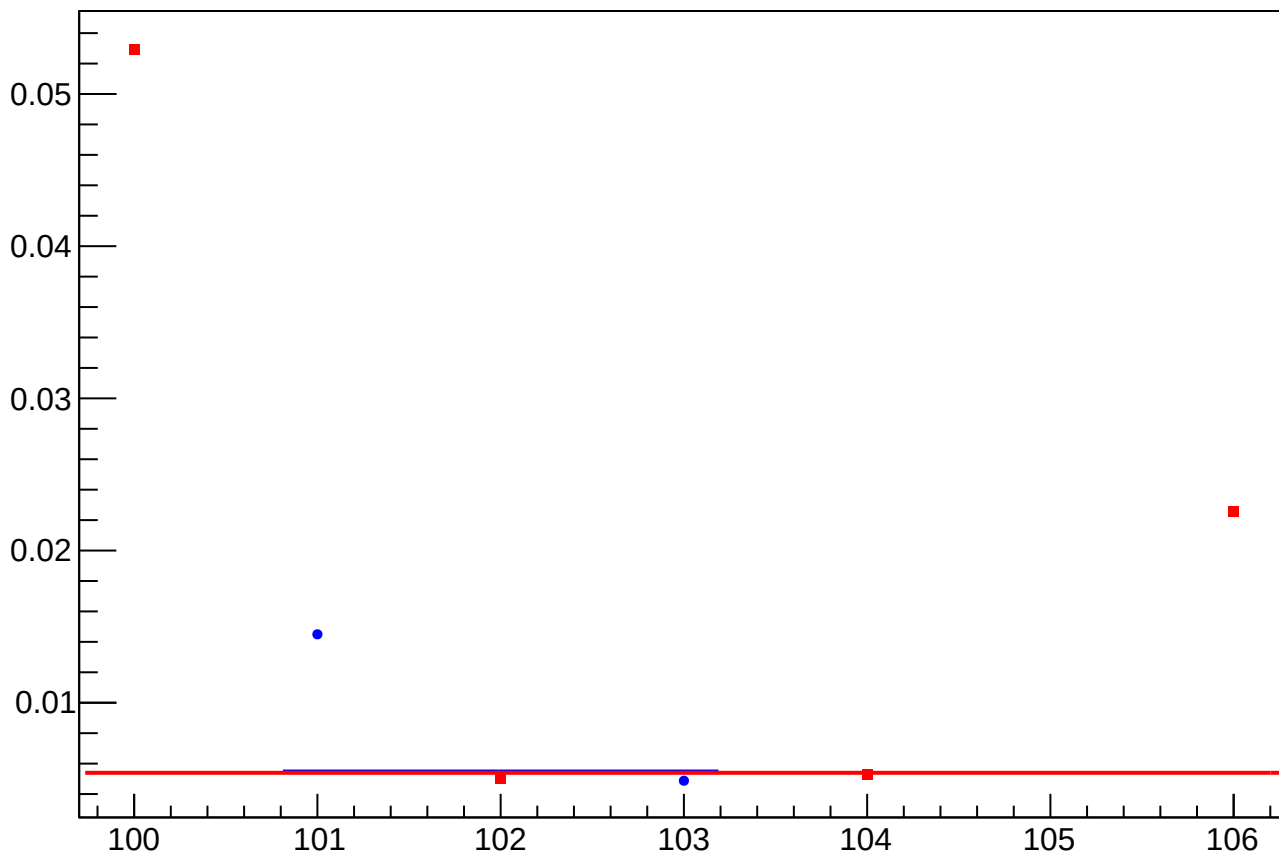
Right: -0.000+/-0.000 χ^2/NDF : 5.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.5/5

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 296744.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 501366.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

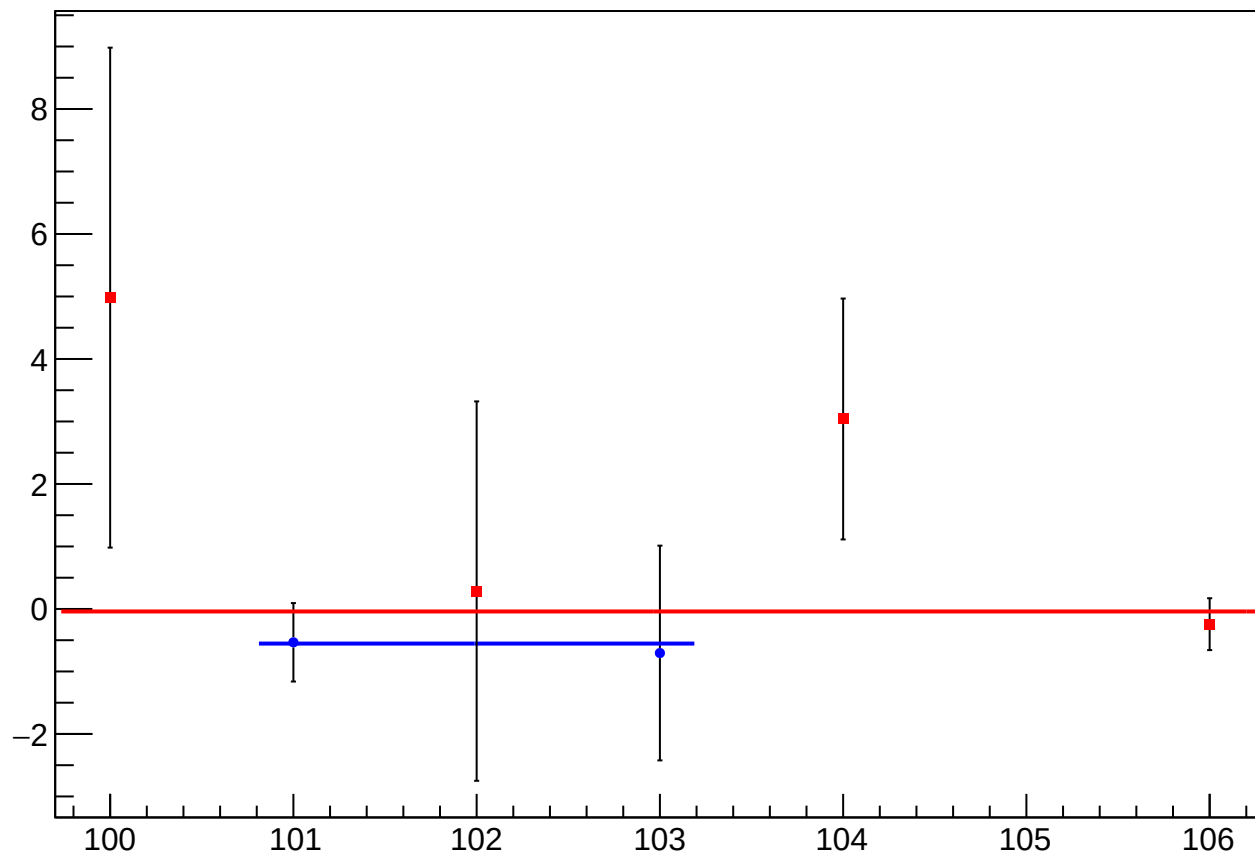
Right: 0.005+/-0.000 χ^2/NDF : 798350.8/5

In: 0.005+/-0.000 χ^2/NDF : 296744.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 798350.8/5

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.400 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

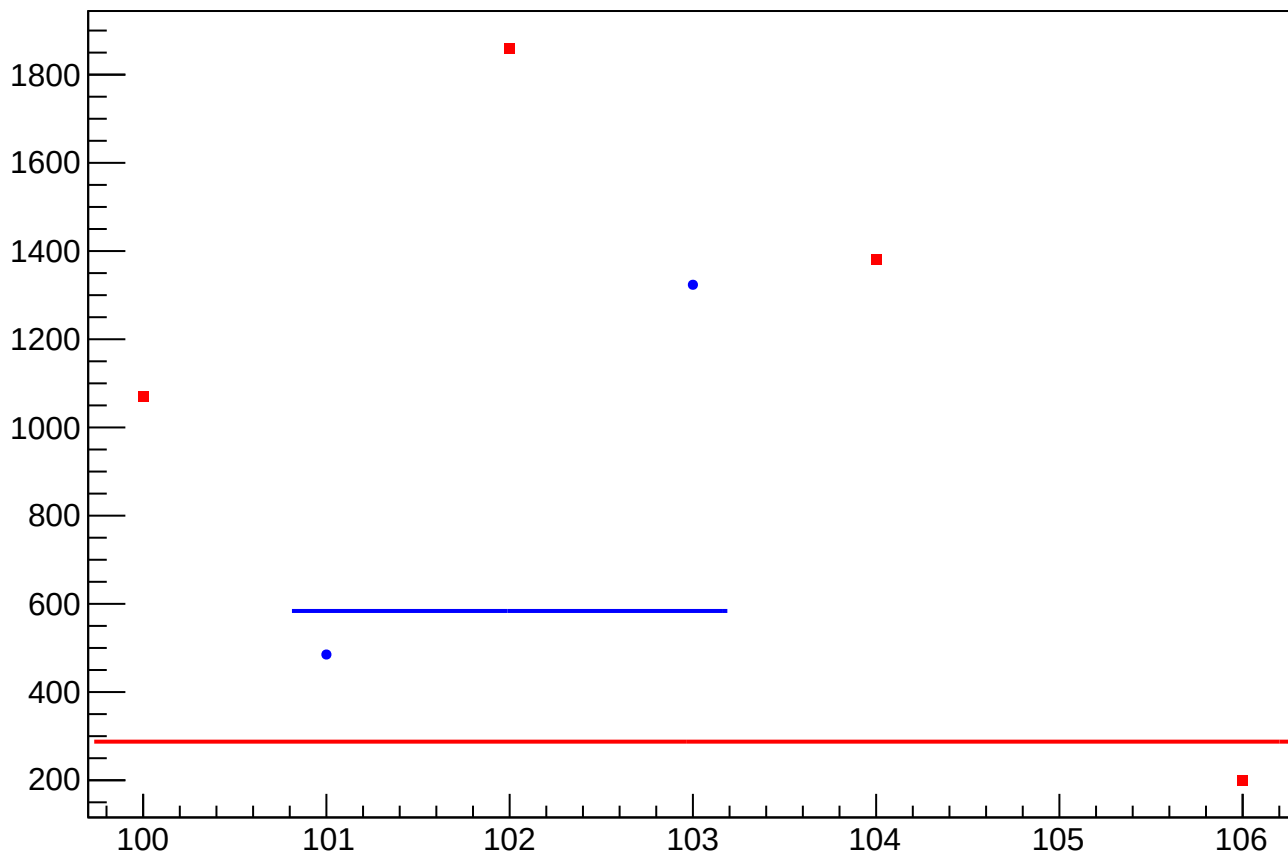
Right: -0.202+/-0.331 χ^2/NDF : 4.9/5

In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.202+/-0.331 χ^2/NDF : 4.9/5

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.548+/-0.283 χ^2/NDF : 1347626.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

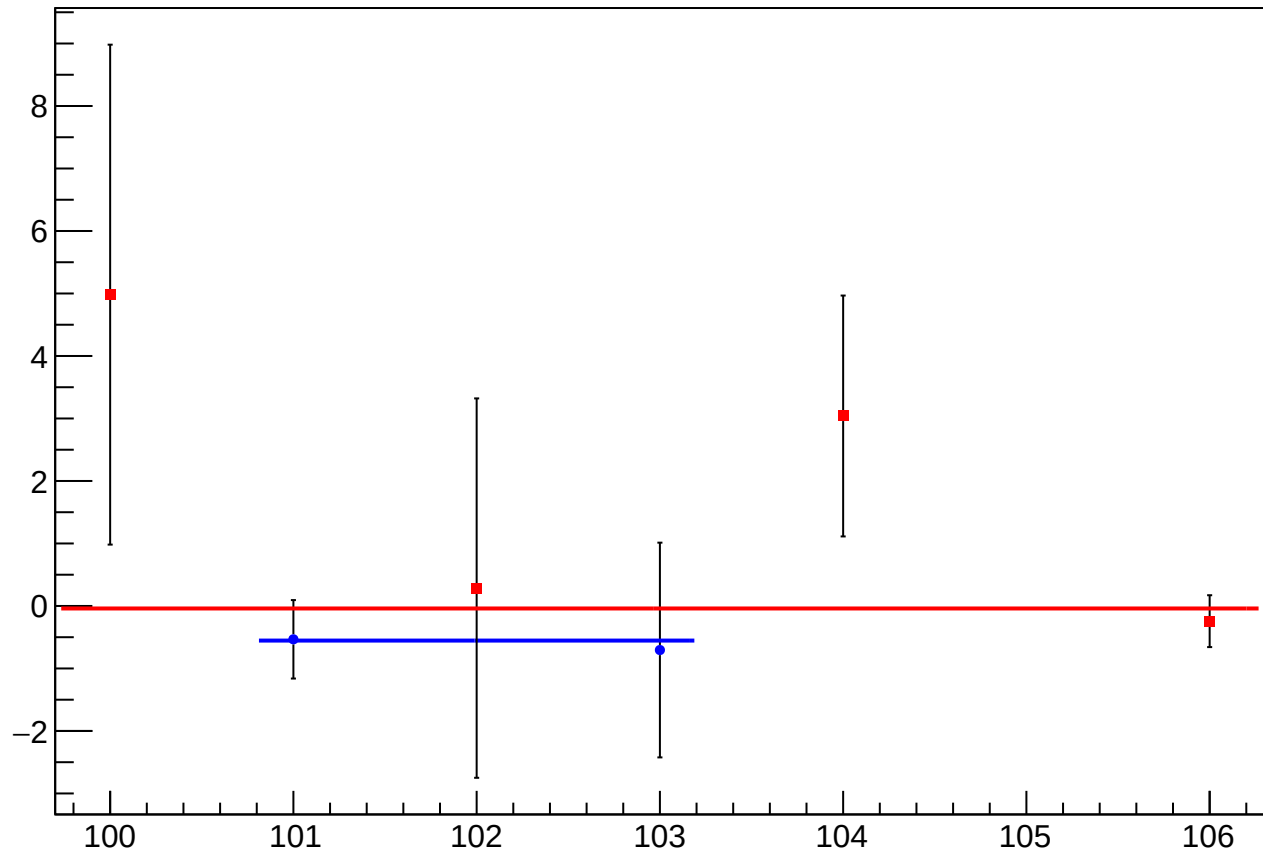
Right: 380.966+/-0.234 χ^2/NDF : 2113784.3/5

In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.966+/-0.234 χ^2/NDF : 2113784.3/5

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.040+/-0.400 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

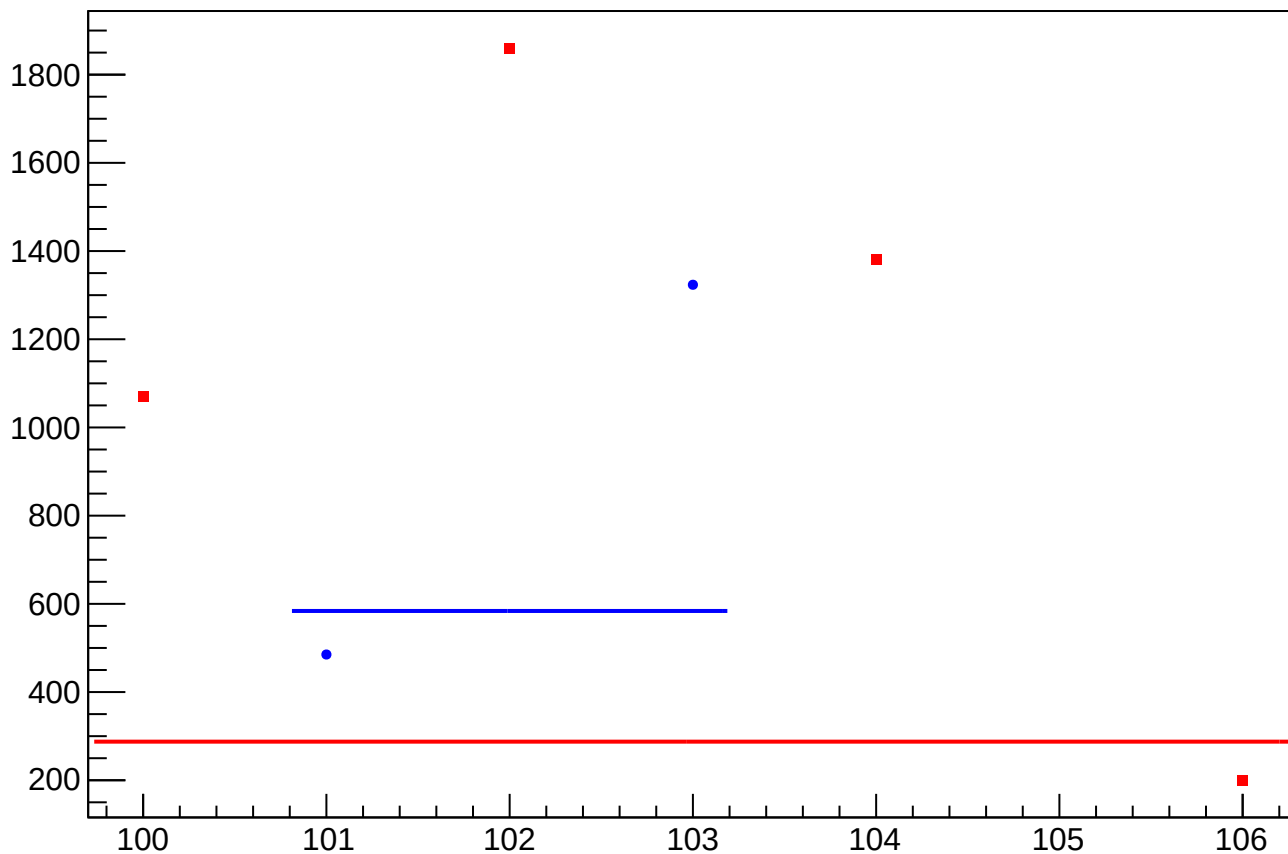
Right: -0.202+/-0.331 χ^2/NDF : 4.9/5

In: -0.554+/-0.590 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.202+/-0.331 χ^2/NDF : 4.9/5

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.548+/-0.283 χ^2/NDF : 1347626.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

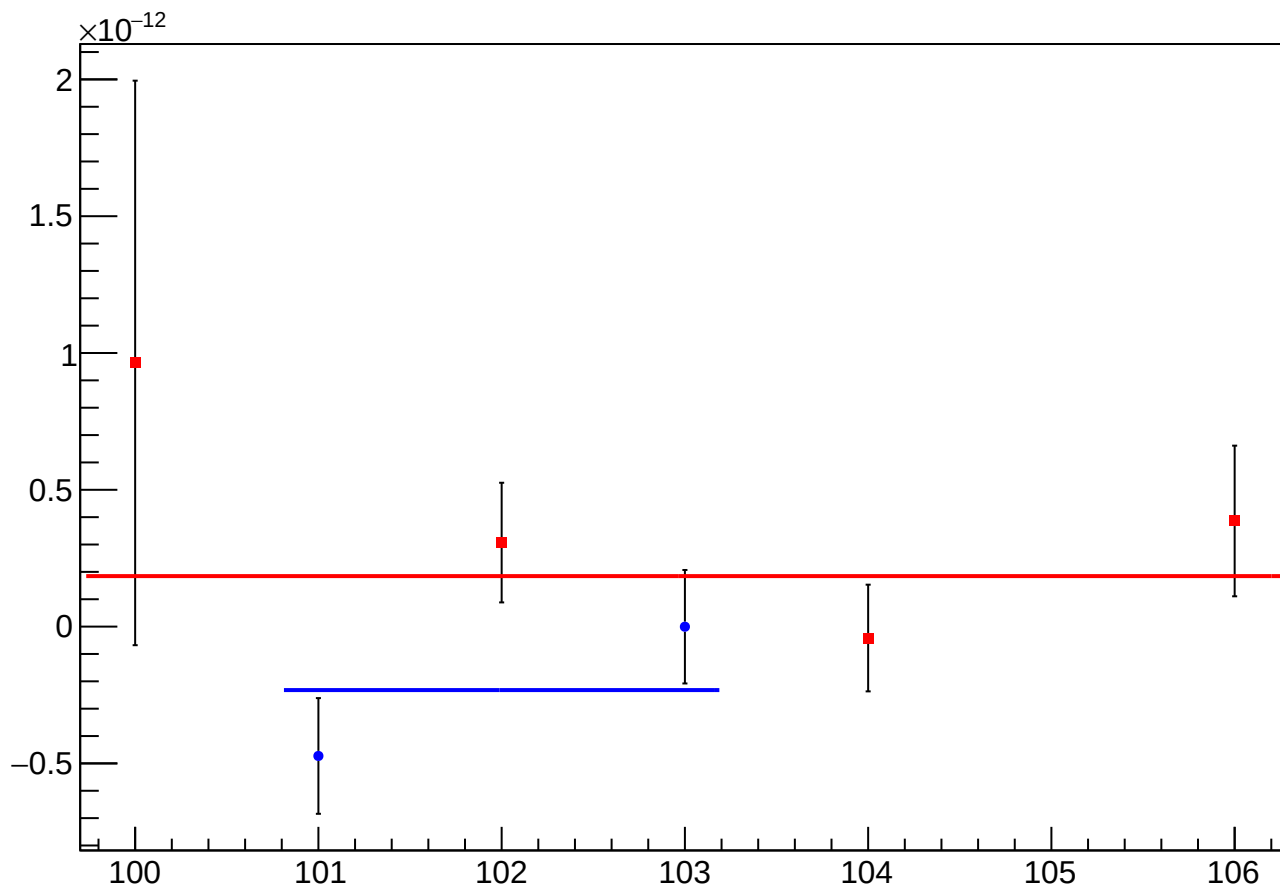
Right: 380.966+/-0.234 χ^2/NDF : 2113784.3/5

In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.966+/-0.234 χ^2/NDF : 2113784.3/5

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

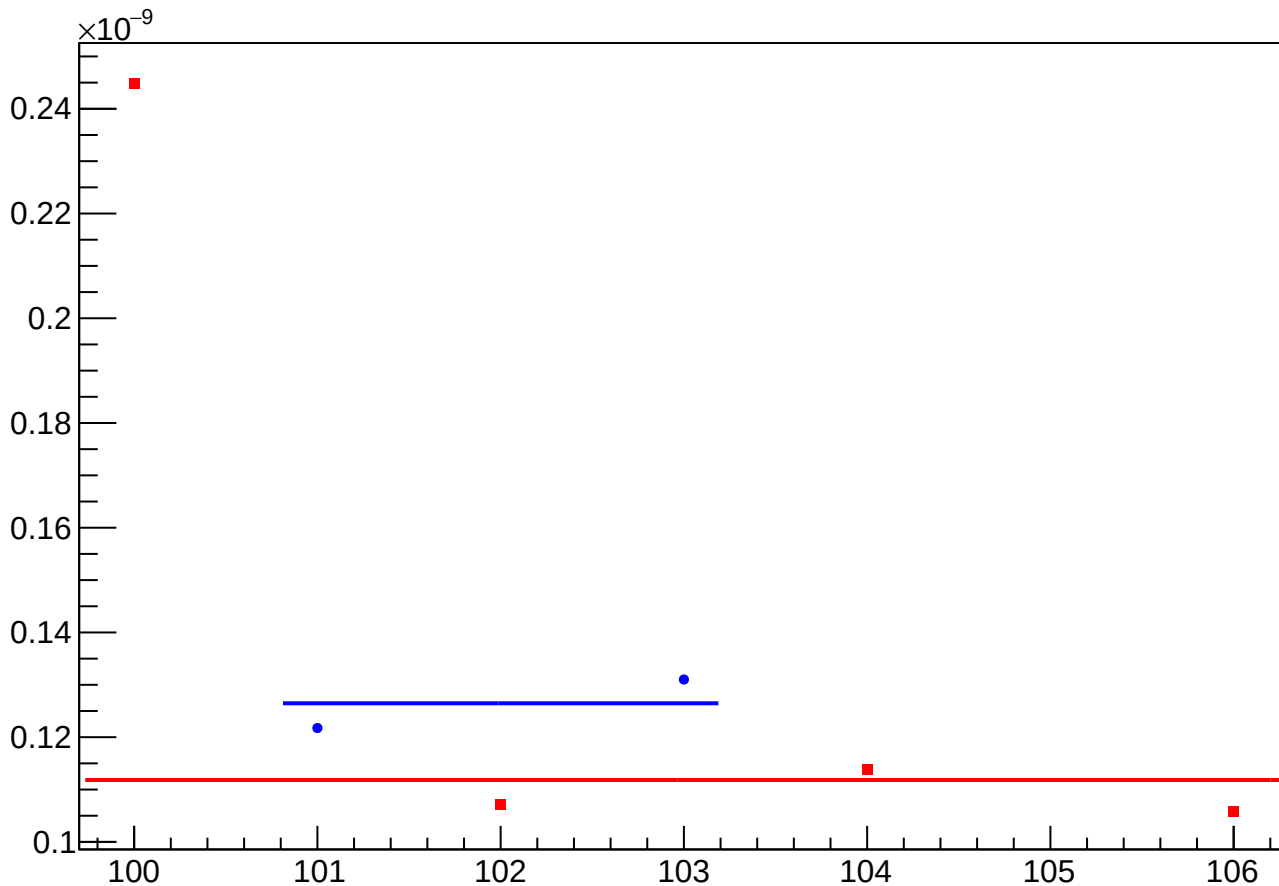
Right: 0.000+/-0.000 χ^2/NDF : 9.9/5

In: -0.000+/-0.000 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.9/5

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1955.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 35320.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

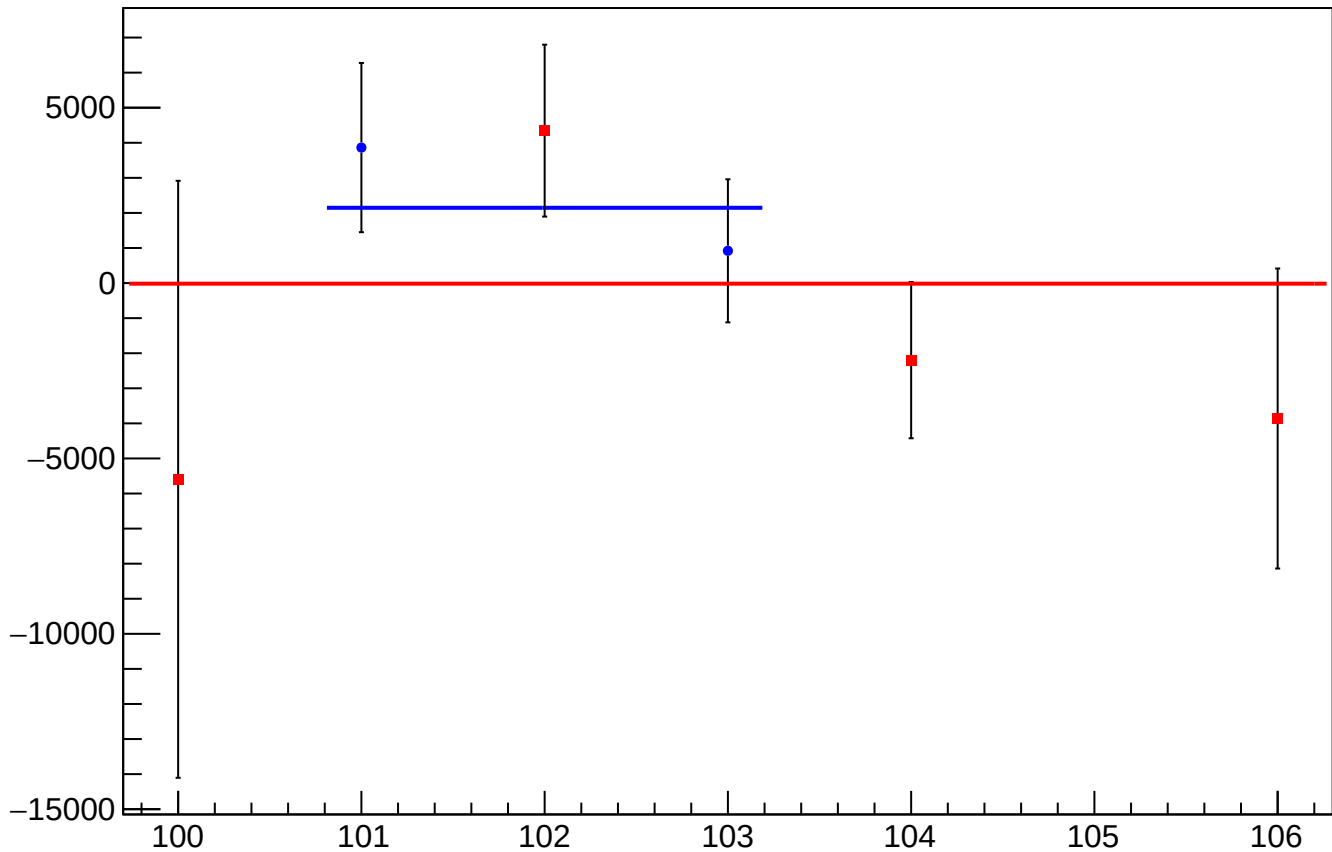
Right: 0.000+/-0.000 χ^2/NDF : 48498.3/5

In: 0.000+/-0.000 χ^2/NDF : 1955.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 48498.3/5

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2146.792+/-1557.478 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.845+/-1513.728 χ^2/NDF : 5.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

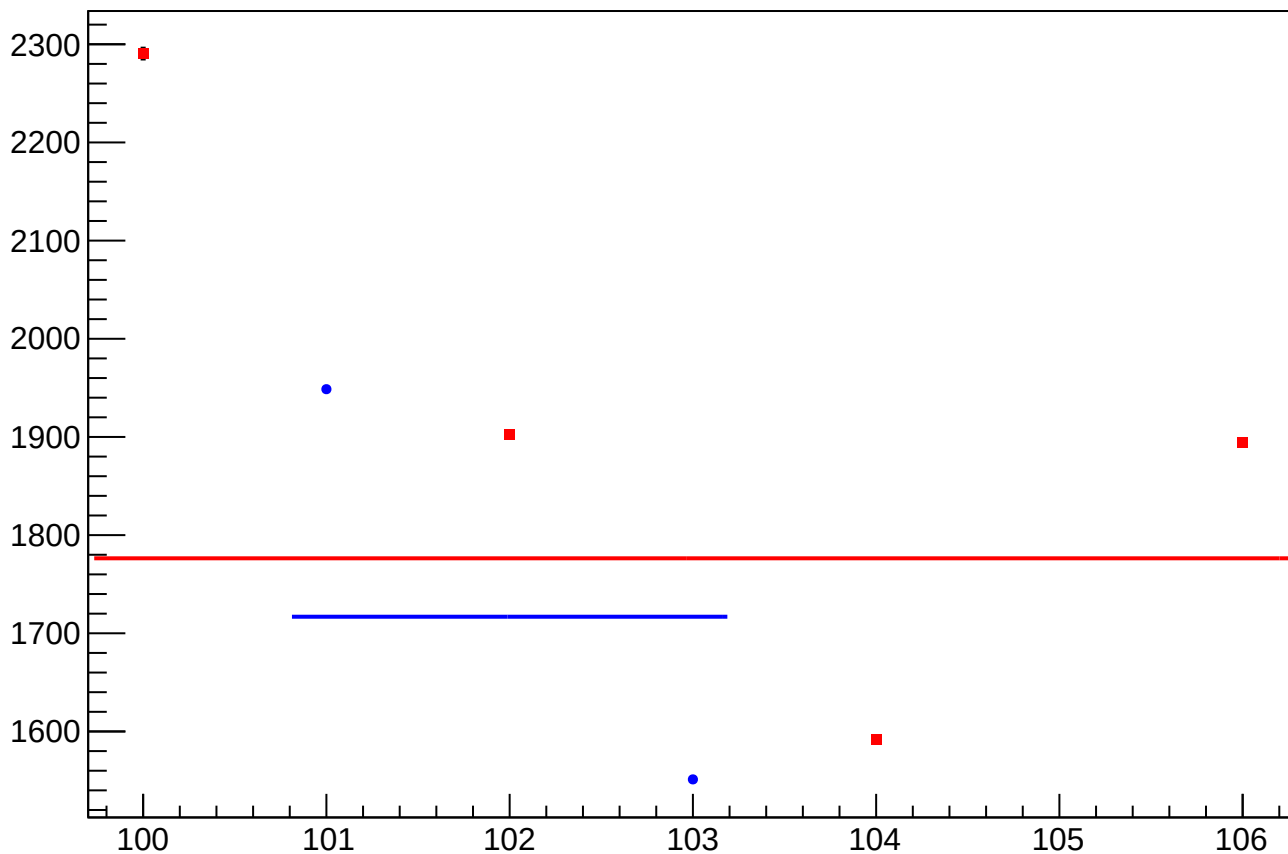
Right: 1034.159+/-1085.505 χ^2/NDF : 7.2/5

In: 2146.792+/-1557.478 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.159+/-1085.505 χ^2/NDF : 7.2/5

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.875+/-1.101 χ^2/NDF : 31665.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.377+/-1.043 χ^2/NDF : 28530.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

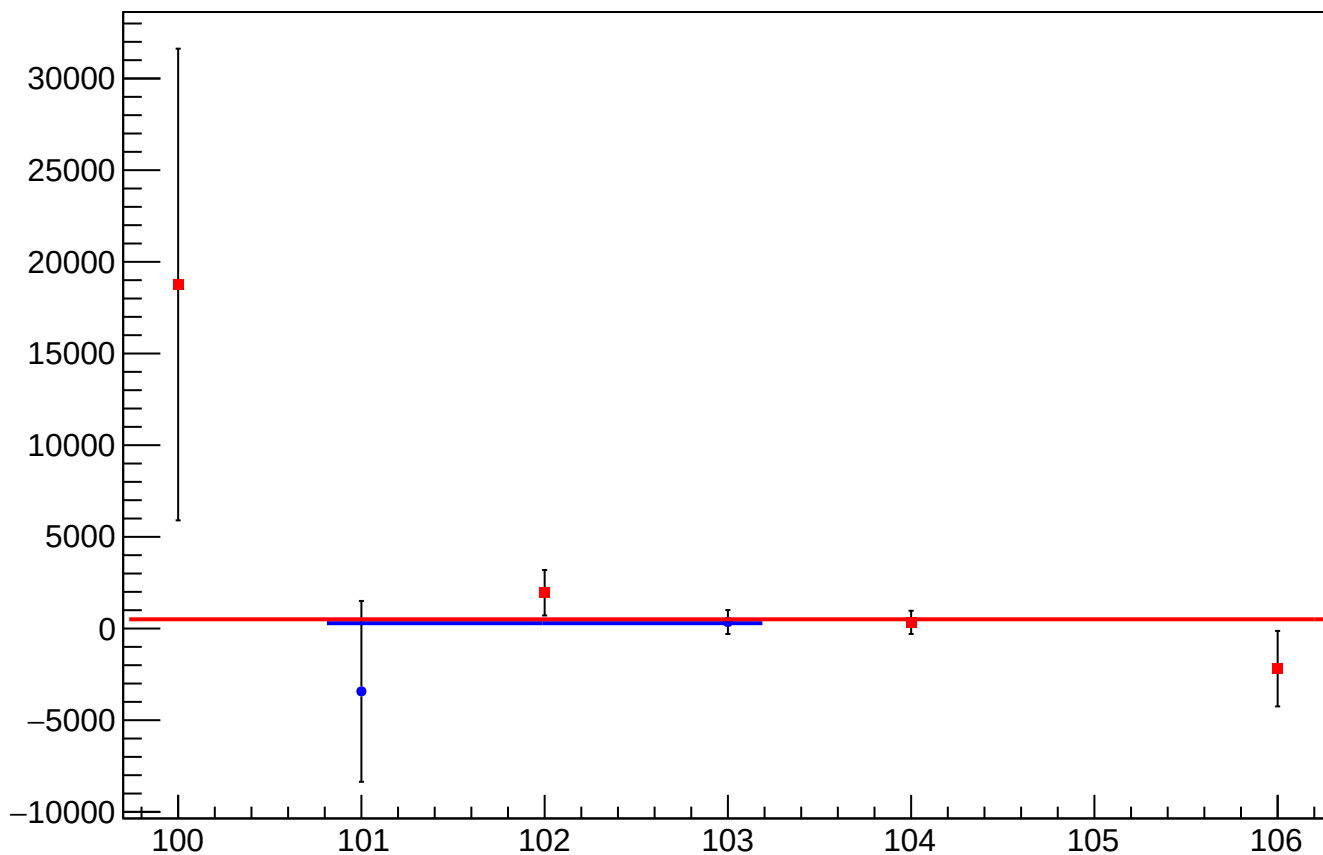
Right: 1748.238+/-0.757 χ^2/NDF : 61734.6/5

In: 1716.875+/-1.101 χ^2/NDF : 31665.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.238+/-0.757 χ^2/NDF : 61734.6/5

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 290.621+/-648.312 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.391+/-543.888 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

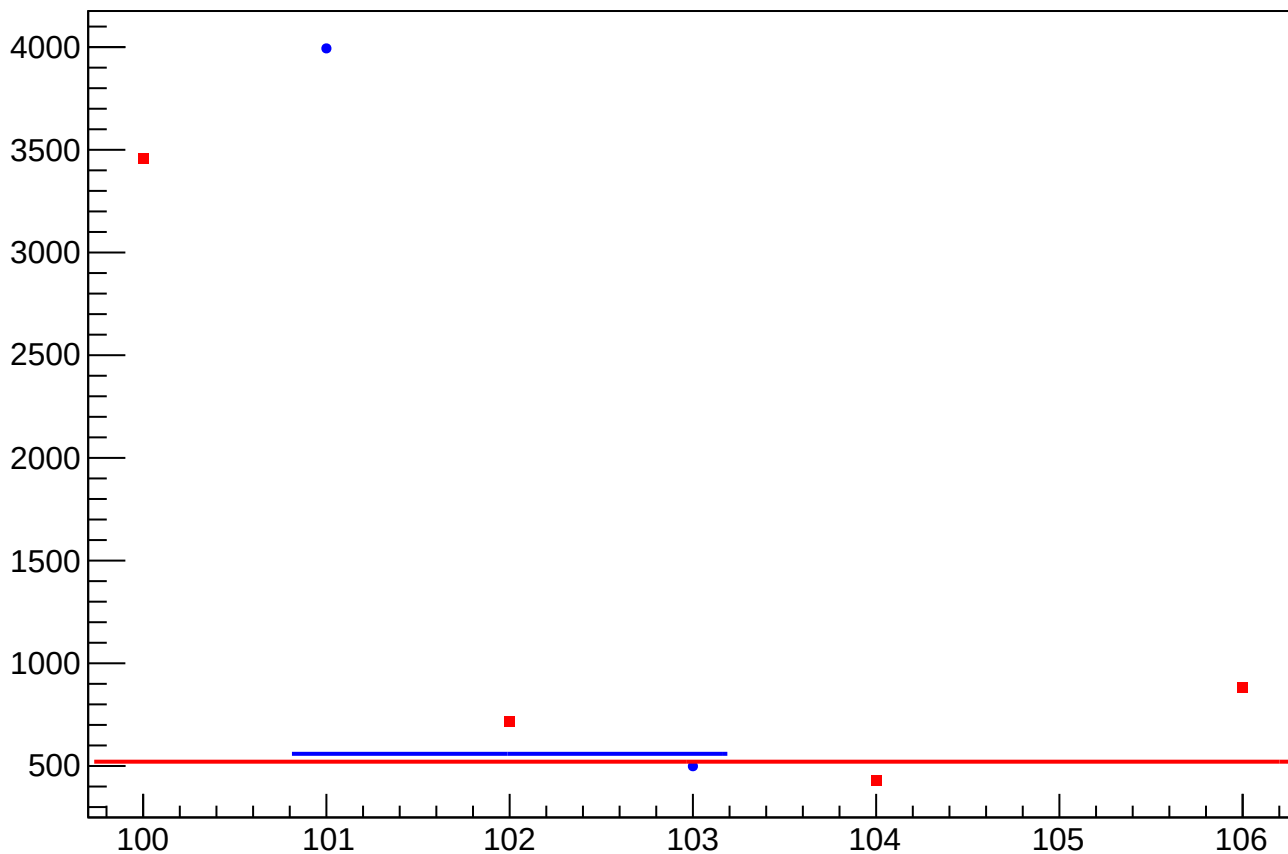
Right: 415.501+/-416.677 χ^2/NDF : 5.8/5

In: 290.621+/-648.312 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.501+/-416.677 χ^2/NDF : 5.8/5

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 559.313+/-0.458 χ^2/NDF : 986957.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 520.973+/-0.385 χ^2/NDF : 258531.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

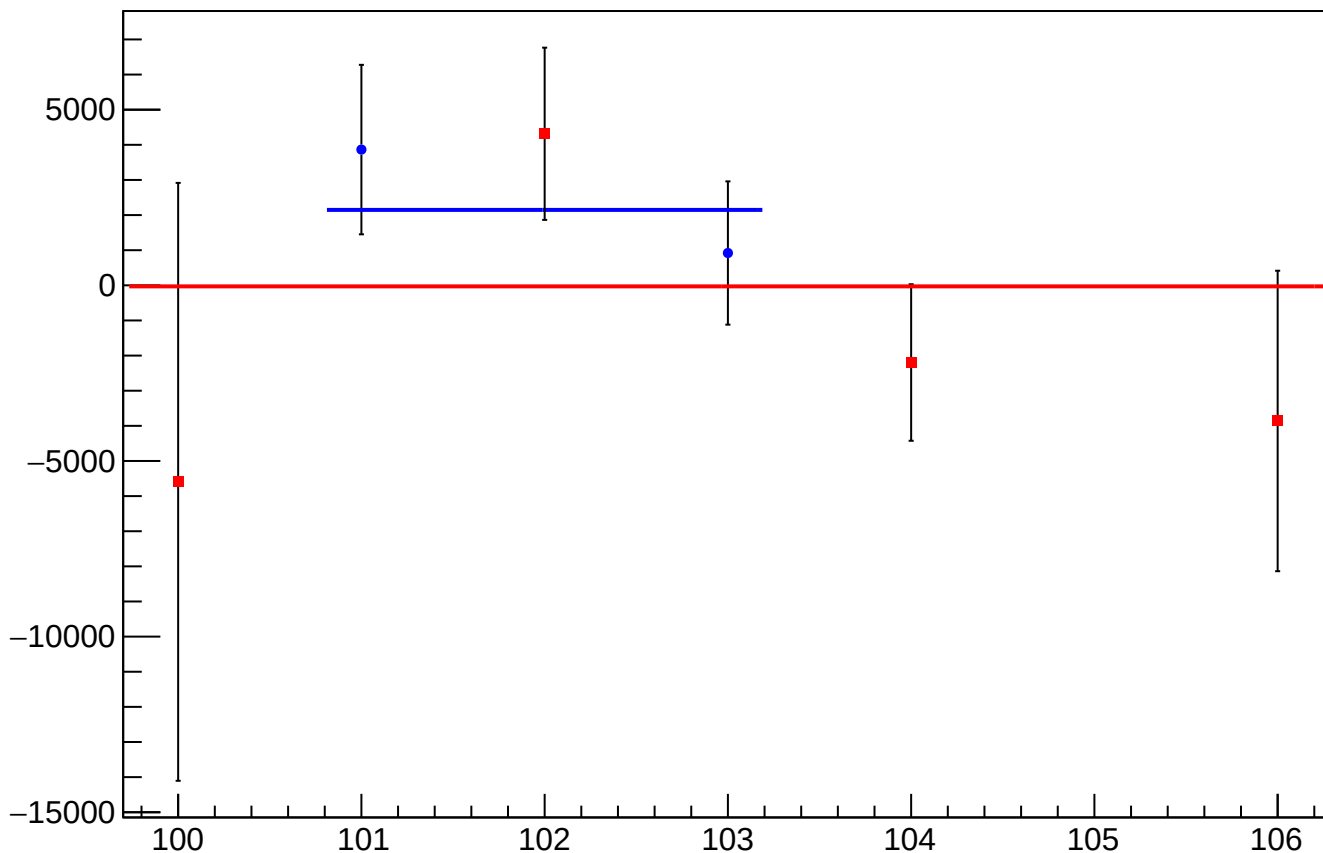
Right: 536.810+/-0.295 χ^2/NDF : 1249595.0/5

In: 559.313+/-0.458 χ^2/NDF : 986957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.810+/-0.295 χ^2/NDF : 1249595.0/5

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442+/-1557.478 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.605+/-1513.795 χ^2/NDF : 5.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

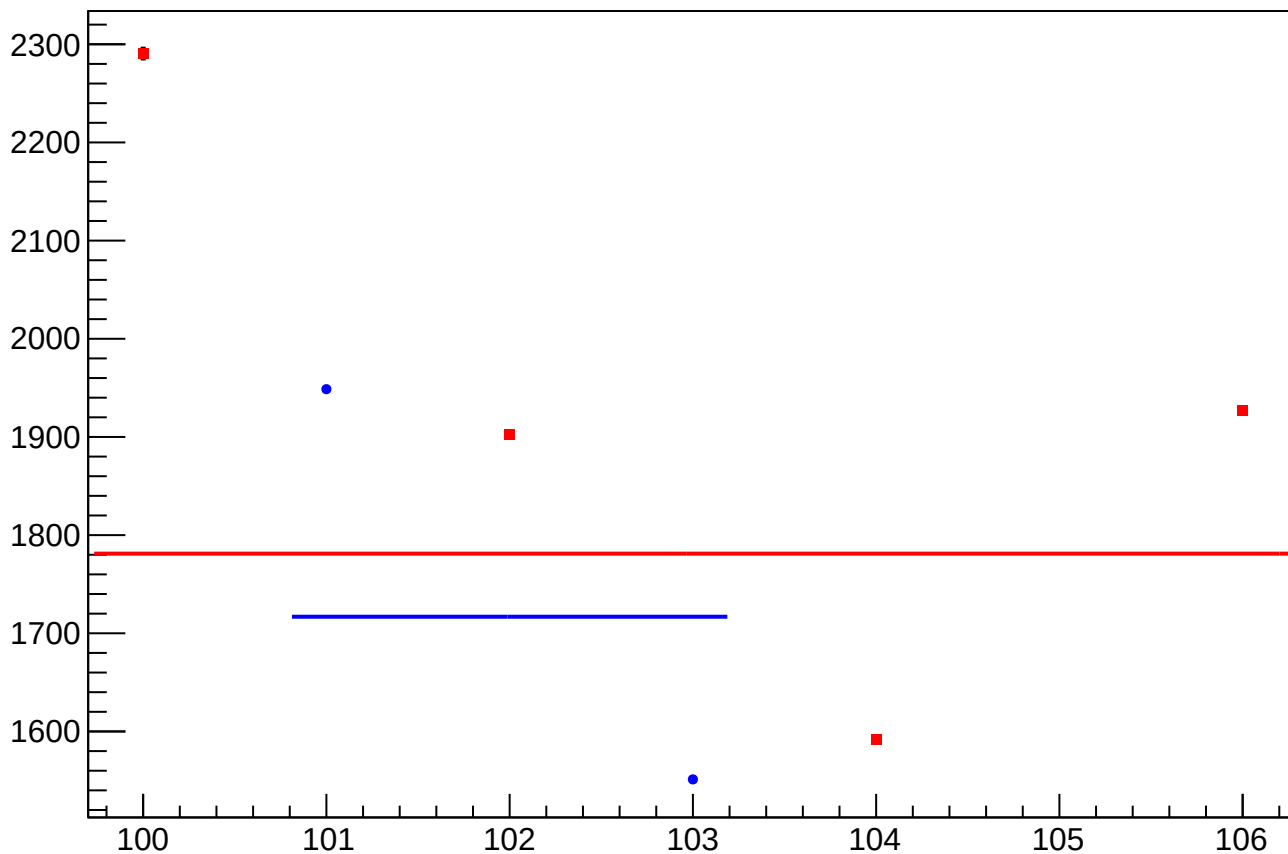
Right: 1027.960+/-1085.530 χ^2/NDF : 7.2/5

In: 2147.442+/-1557.478 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.960+/-1085.530 χ^2/NDF : 7.2/5

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.874 $\pm$ 1.101 χ^2 /NDF: 31665.4/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 1781.146 $\pm$ -1.046 χ^2 /NDF: 29766.1/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

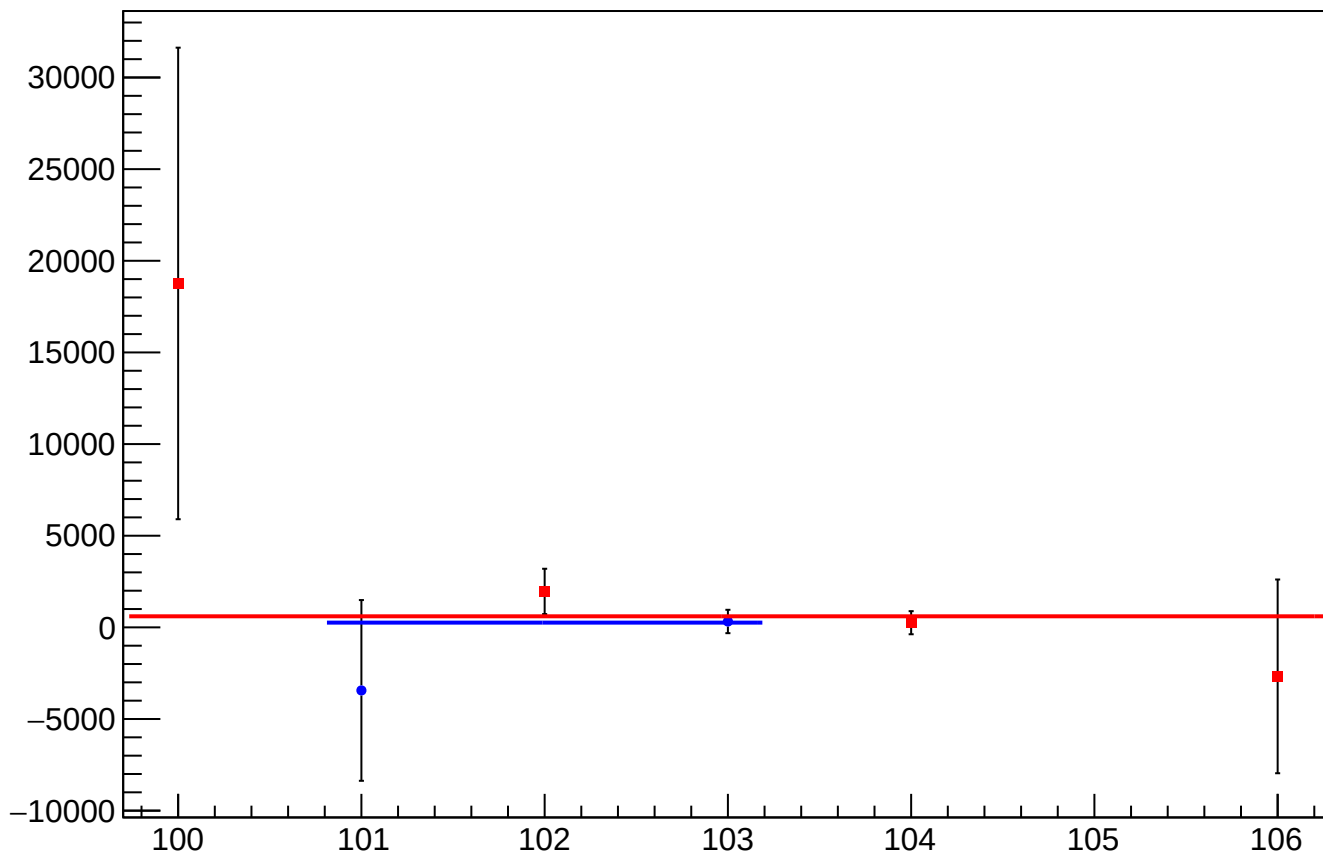
Right: 1750.667 $\pm$ -0.758 χ^2 /NDF: 63222.3/5

In: 1716.874 $\pm$ -1.101 χ^2 /NDF:31665.4/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 1750.667 $\pm$ -0.758 χ^2 /NDF: 63222.3/5

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.730+/-632.289 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.307+/-557.661 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

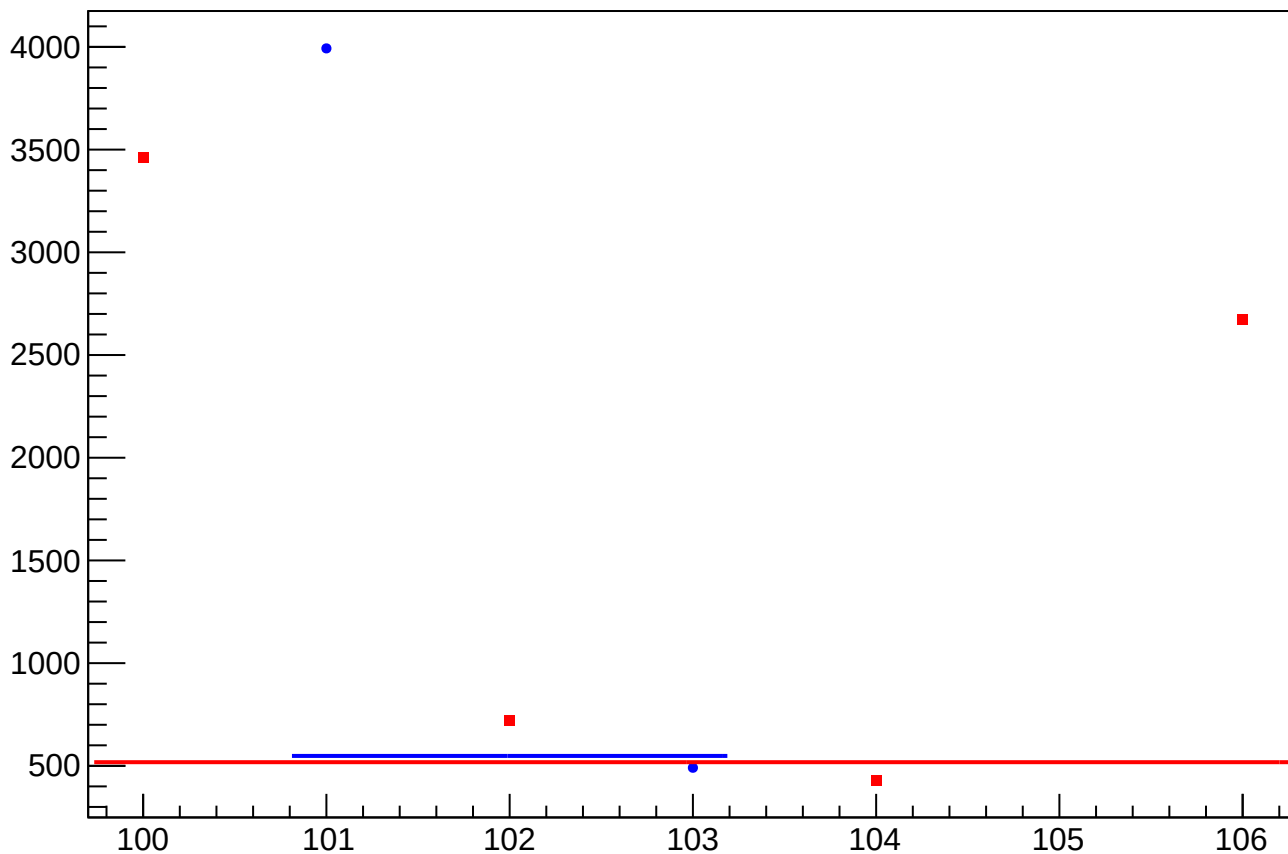
Right: 452.544+/-418.235 χ^2/NDF : 4.6/5

In: 258.730+/-632.289 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.544+/-418.235 χ^2/NDF : 4.6/5

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.863+/-0.394 χ^2/NDF : 531758.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

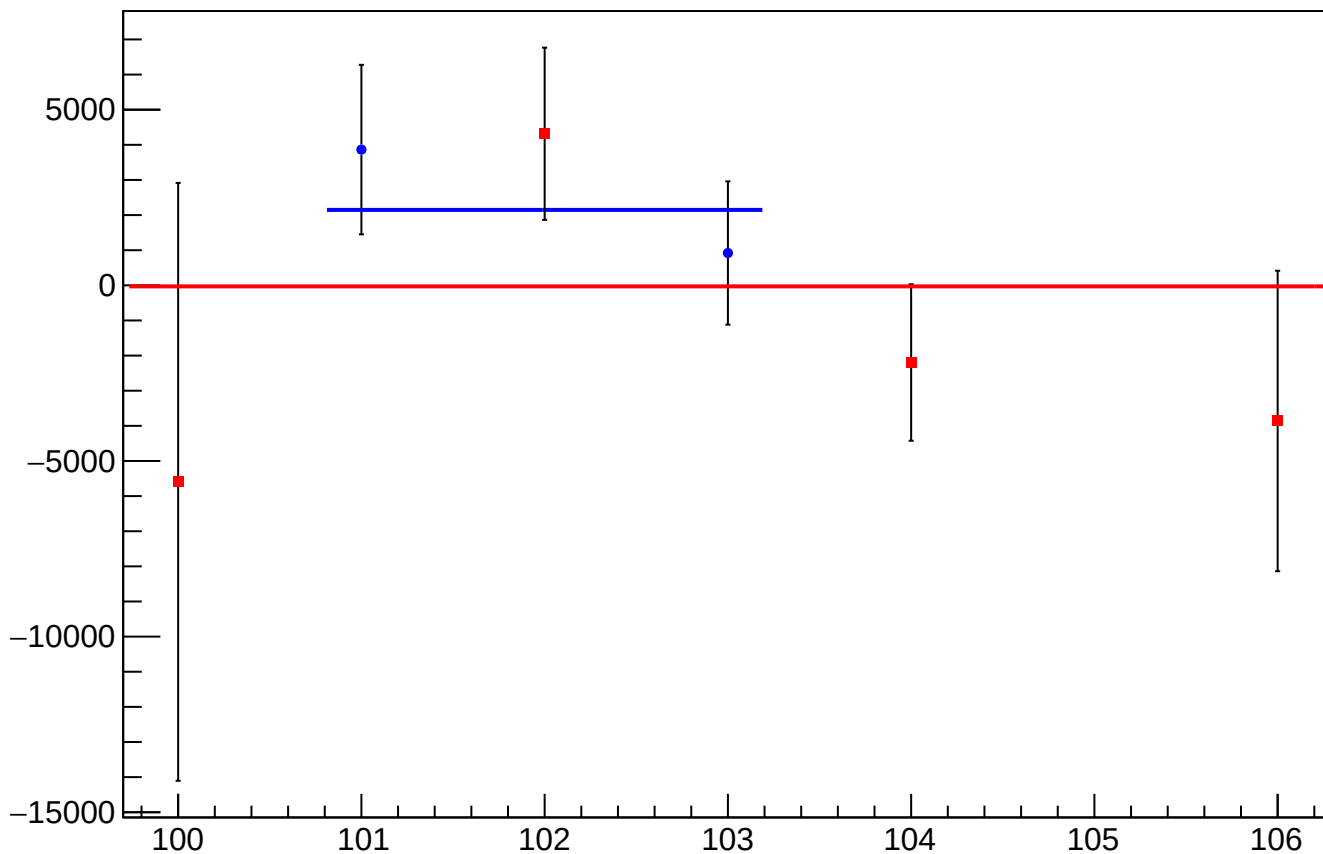
Right: 531.207+/-0.296 χ^2/NDF : 1526703.7/5

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.207+/-0.296 χ^2/NDF : 1526703.7/5

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442+/-1557.478 χ^2 /NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -29.605+/-1513.795 χ^2 /NDF: 5.3/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

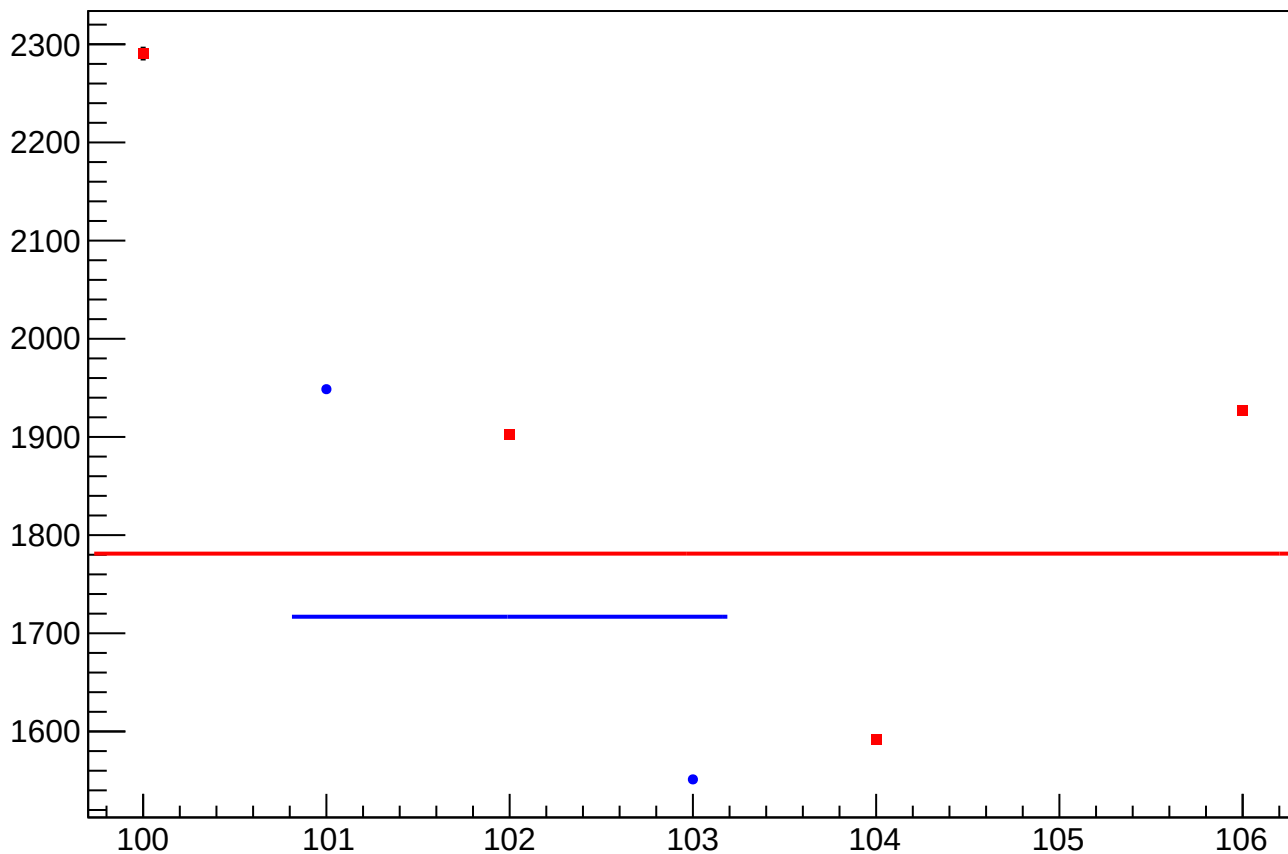
Right: 1027.960+/-1085.530 χ^2 /NDF: 7.2/5

In: 2147.442+/-1557.478 χ^2 /NDF: 0.9/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1027.960+/-1085.530 χ^2 /NDF: 7.2/5

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1781.146+/-1.046 χ^2/NDF : 29766.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

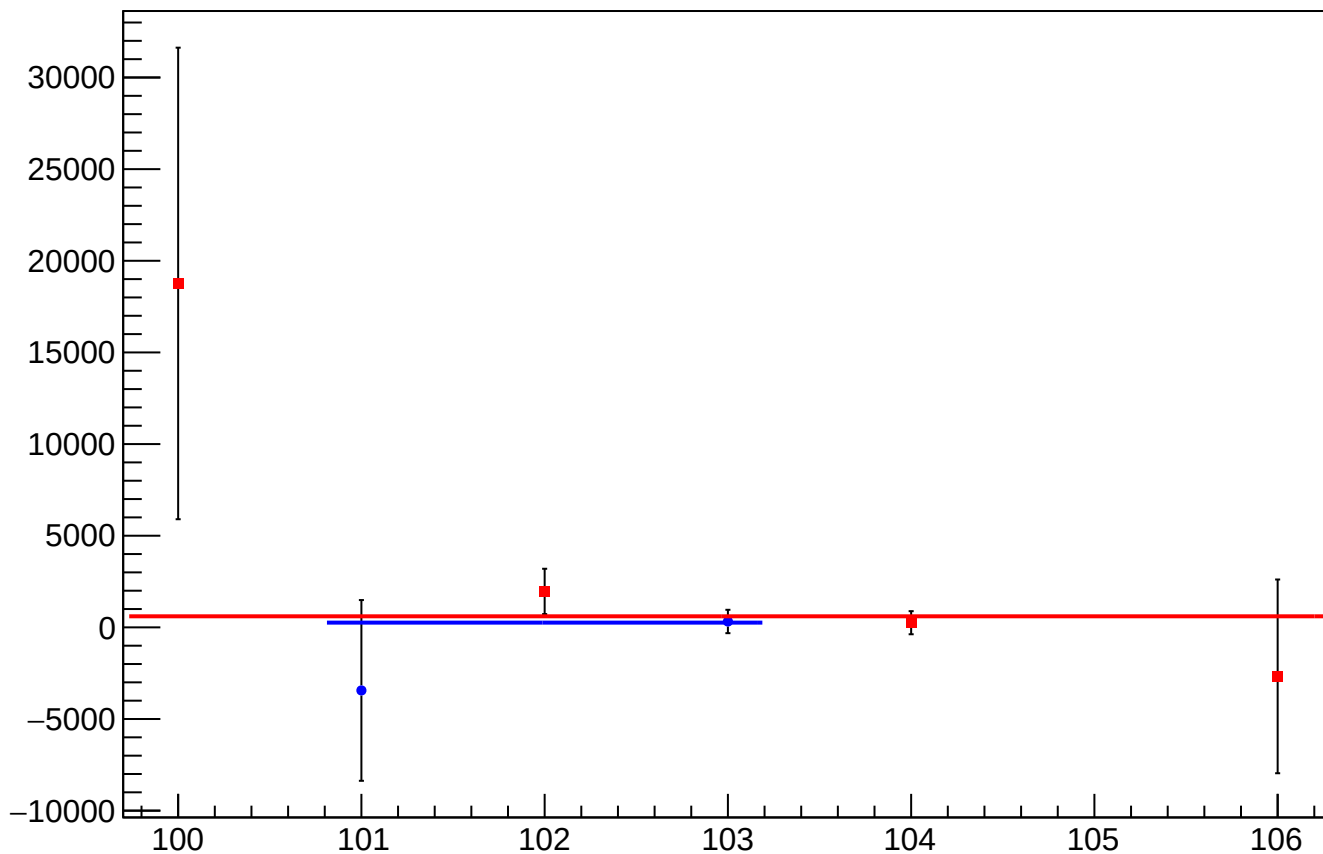
Right: 1750.667+/-0.758 χ^2/NDF : 63222.3/5

In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.667+/-0.758 χ^2/NDF : 63222.3/5

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 258.730+/-632.289 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 603.307+/-557.661 χ^2 /NDF: 3.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

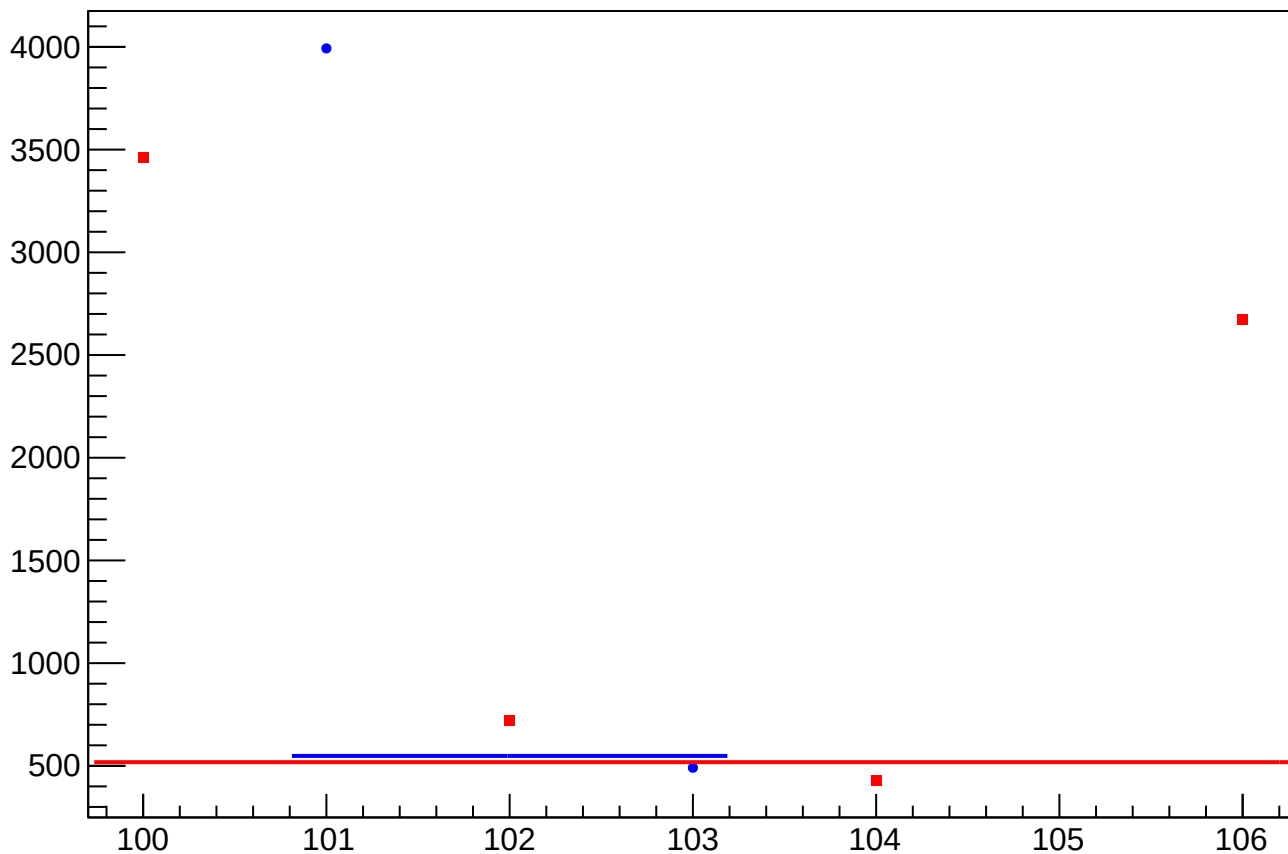
Right: 452.544+/-418.235 χ^2 /NDF: 4.6/5

In: 258.730+/-632.289 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 452.544+/-418.235 χ^2 /NDF: 4.6/5

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.863+/-0.394 χ^2/NDF : 531758.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

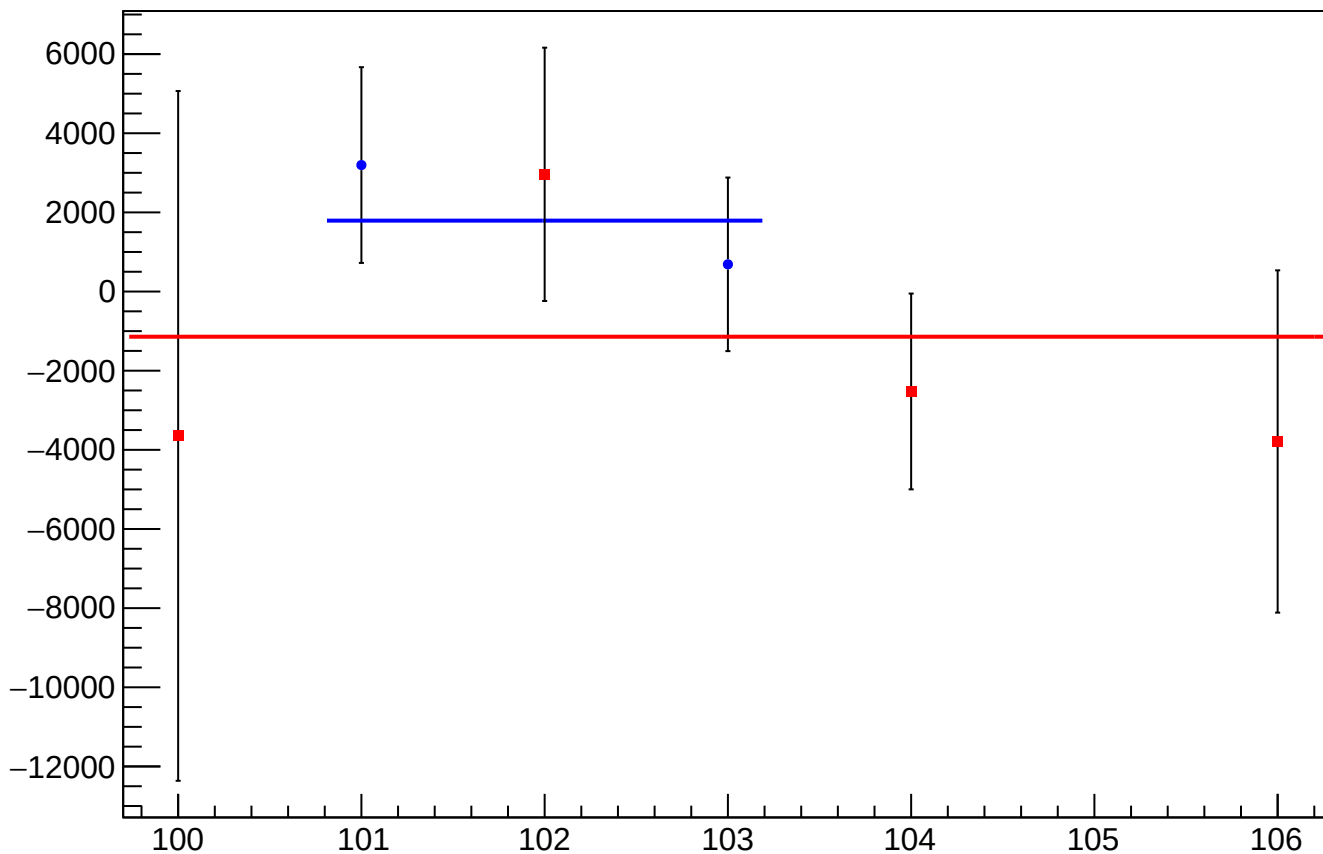
Right: 531.207+/-0.296 χ^2/NDF : 1526703.7/5

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.207+/-0.296 χ^2/NDF : 1526703.7/5

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1791.740 $\pm$ 1640.761 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1141.402 $\pm$ 1746.829 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

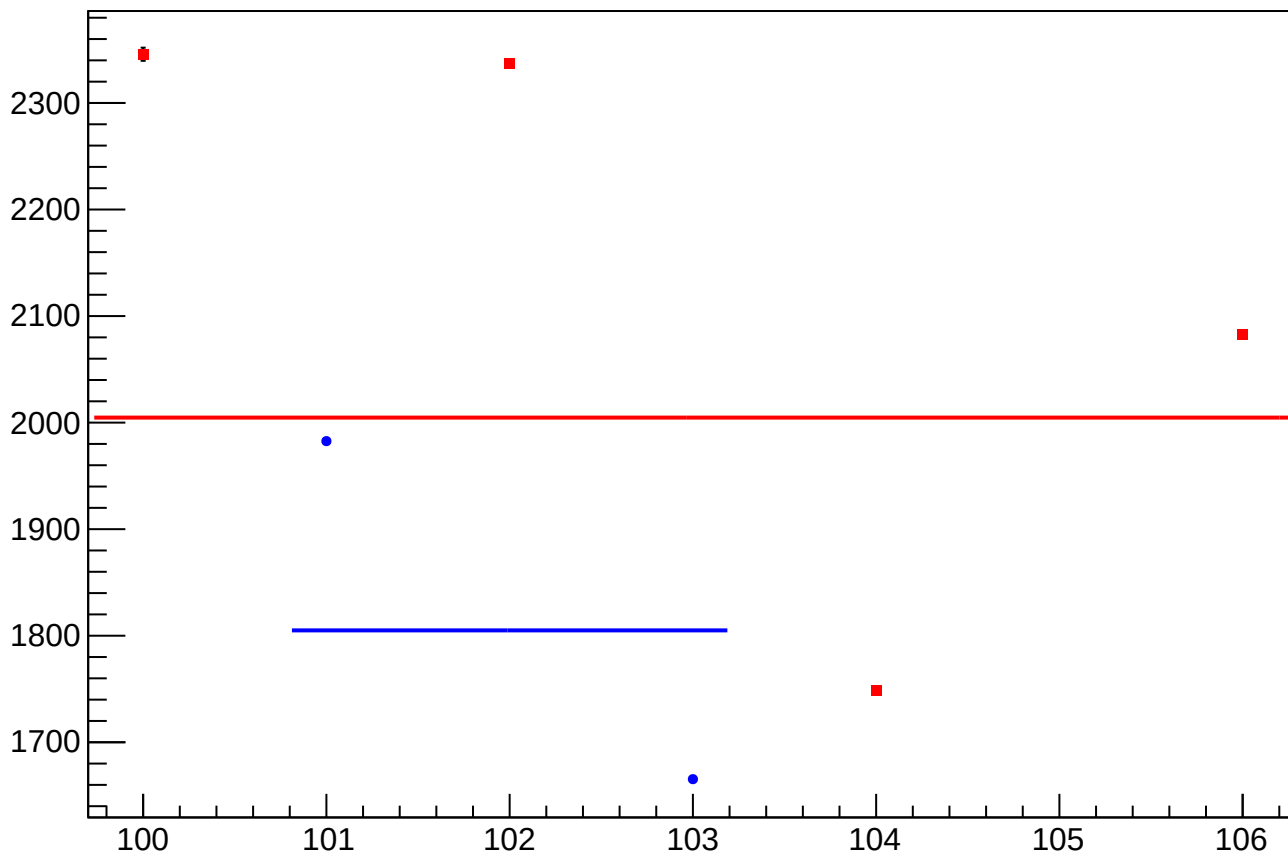
Right: 416.918 $\pm$ 1195.934 χ^2 /NDF: 4.5/5

In: 1791.740 $\pm$ 1640.761 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 416.918 $\pm$ 1195.934 χ^2 /NDF: 4.5/5

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1805.003+/-1.160 χ^2/NDF : 18424.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2004.718+/-1.216 χ^2/NDF : 46813.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

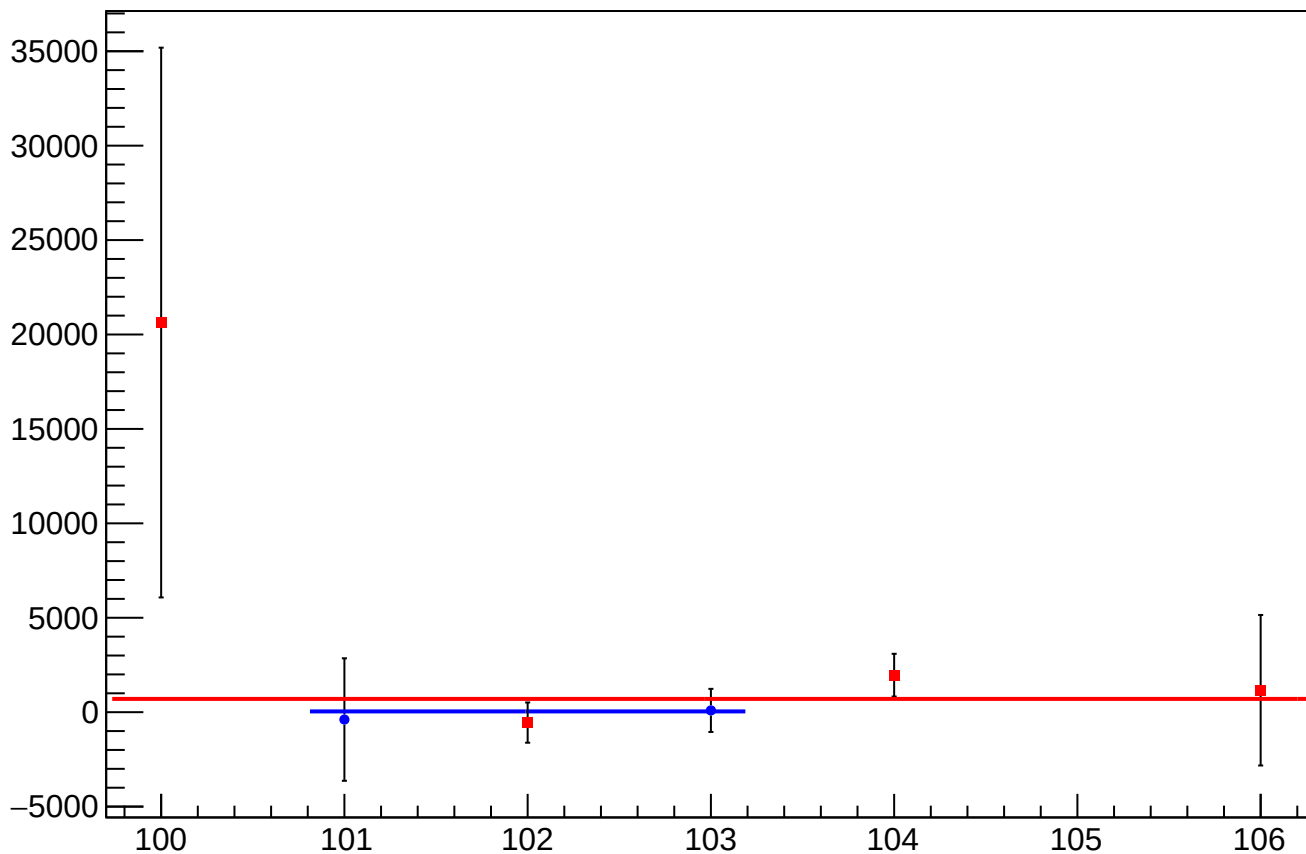
Right: 1900.175+/-0.839 χ^2/NDF : 79359.1/5

In: 1805.003+/-1.160 χ^2/NDF : 18424.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.175+/-0.839 χ^2/NDF : 79359.1/5

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 40.720+/-1076.558 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.929+/-760.284 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

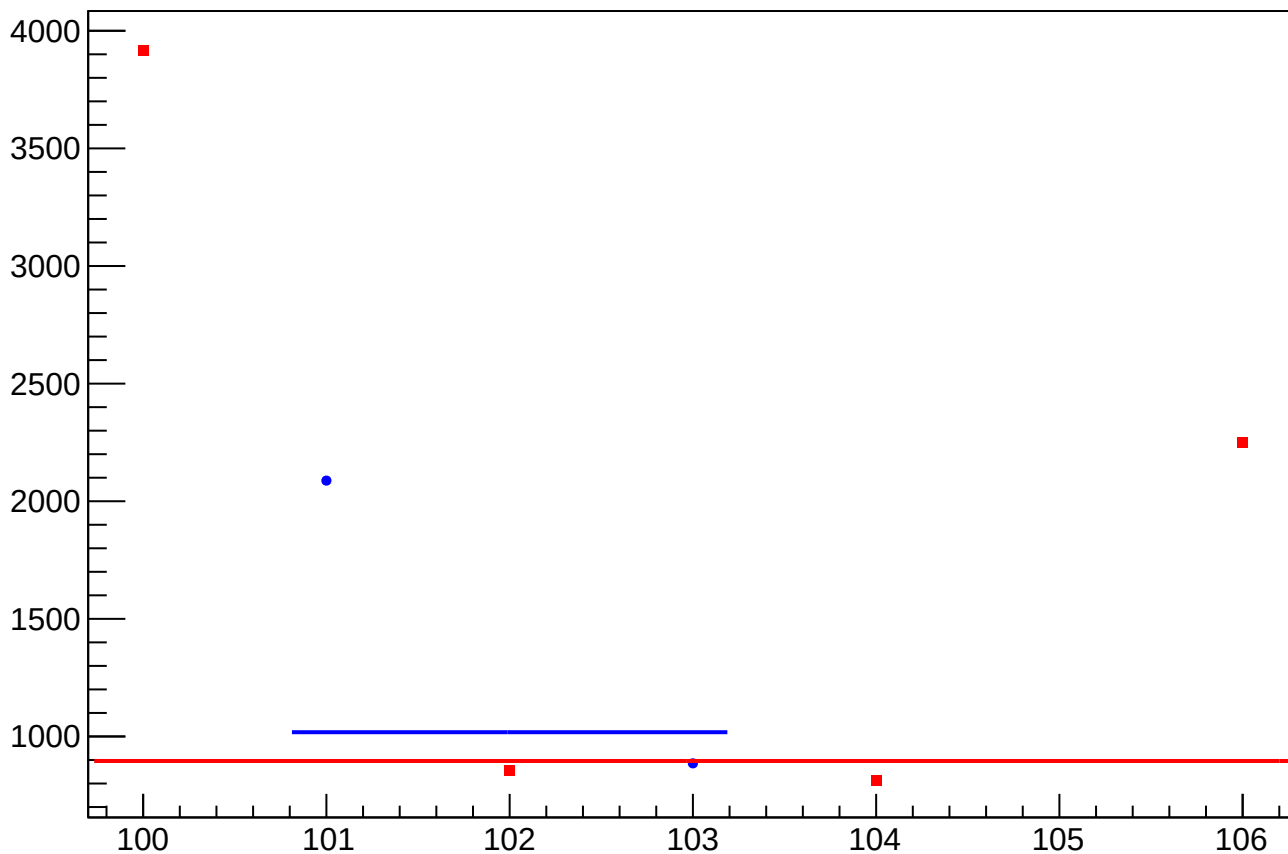
Right: 482.563+/-621.030 χ^2/NDF : 4.8/5

In: 40.720+/-1076.558 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.563+/-621.030 χ^2/NDF : 4.8/5

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.117+/-0.761 χ^2/NDF : 244445.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 895.828+/-0.538 χ^2/NDF : 330005.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

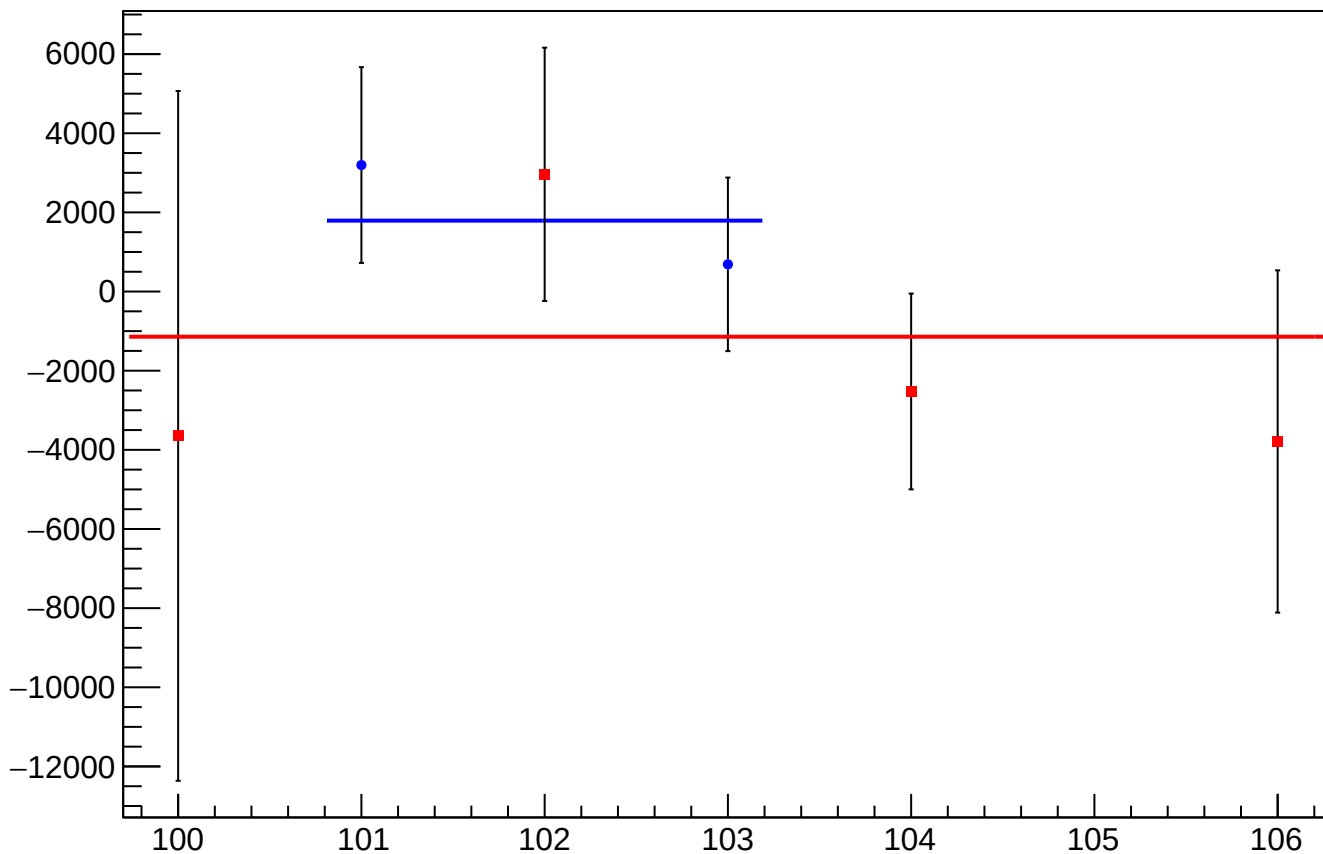
Right: 936.522+/-0.439 χ^2/NDF : 591669.1/5

In: 1018.117+/-0.761 χ^2/NDF : 244445.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.522+/-0.439 χ^2/NDF : 591669.1/5

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1791.734 $\pm$ 1640.759 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1141.415 $\pm$ 1746.828 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

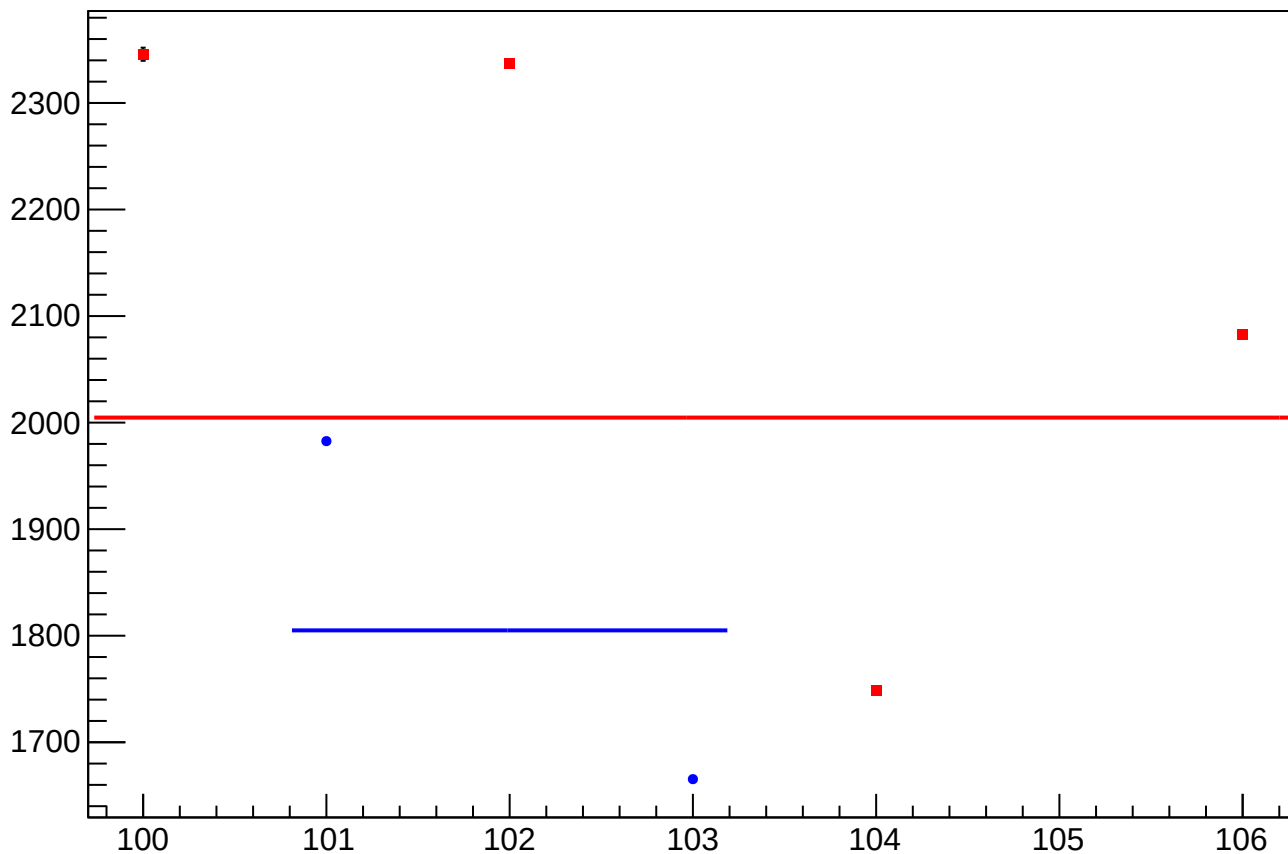
Right: 416.909 $\pm$ 1195.933 χ^2 /NDF: 4.5/5

In: 1791.734 $\pm$ 1640.759 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 416.909 $\pm$ 1195.933 χ^2 /NDF: 4.5/5

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1805.001+/-1.160 χ^2/NDF : 18424.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2004.716+/-1.216 χ^2/NDF : 46813.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

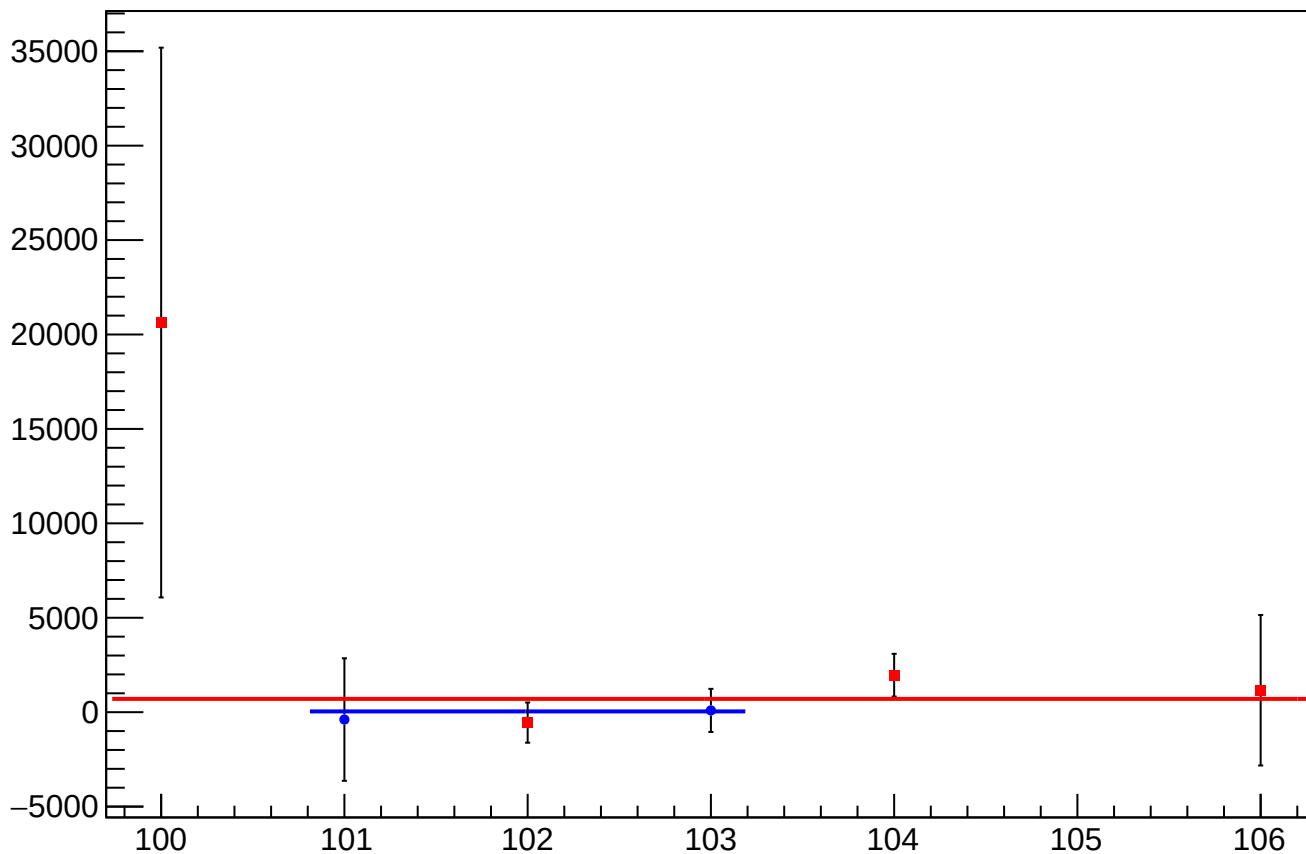
Right: 1900.173+/-0.839 χ^2/NDF : 79359.5/5

In: 1805.001+/-1.160 χ^2/NDF : 18424.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1900.173+/-0.839 χ^2/NDF : 79359.5/5

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 40.721+/-1076.549 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 702.924+/-760.278 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

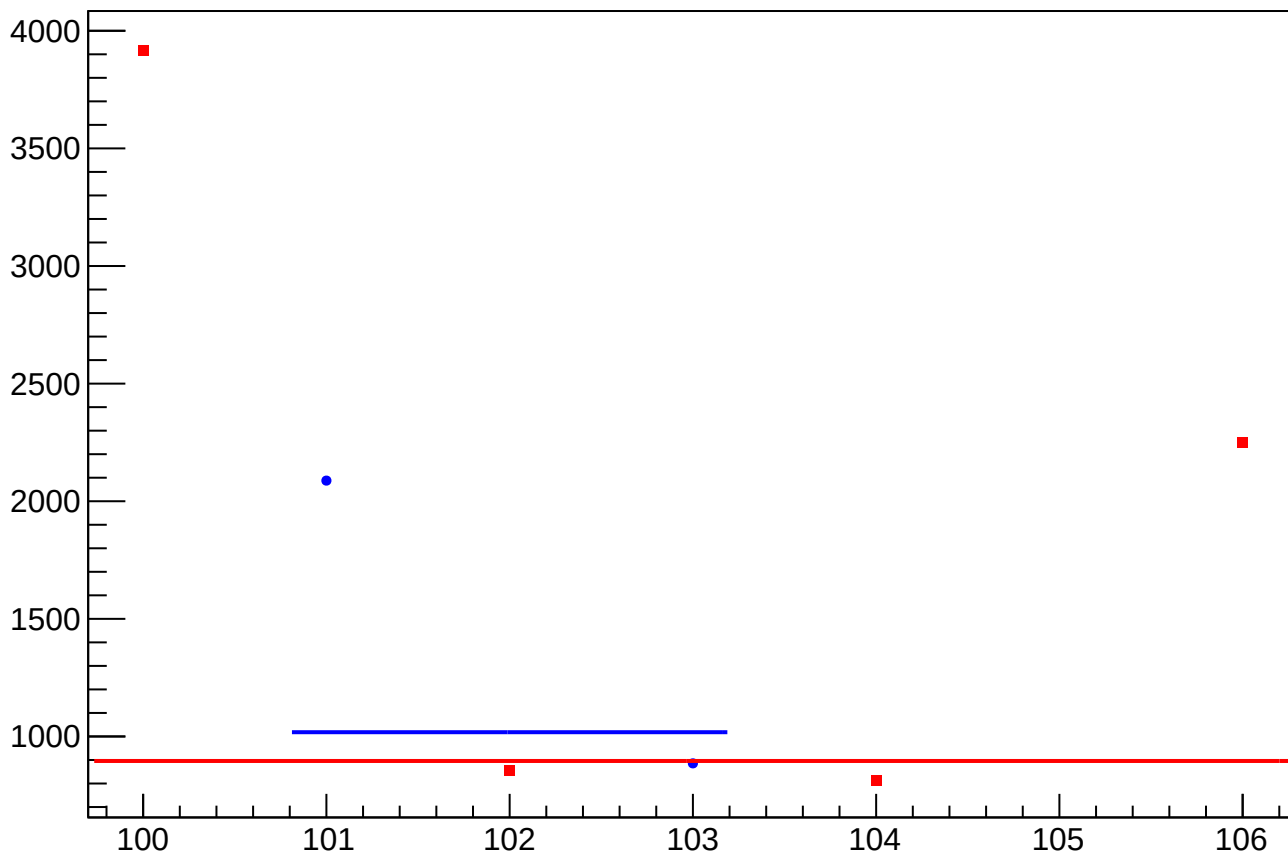
Right: 482.560+/-621.025 χ^2/NDF : 4.8/5

In: 40.721+/-1076.549 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.560+/-621.025 χ^2/NDF : 4.8/5

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1018.108+/-0.761 χ^2/NDF : 244443.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 895.819+/-0.538 χ^2/NDF : 330006.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

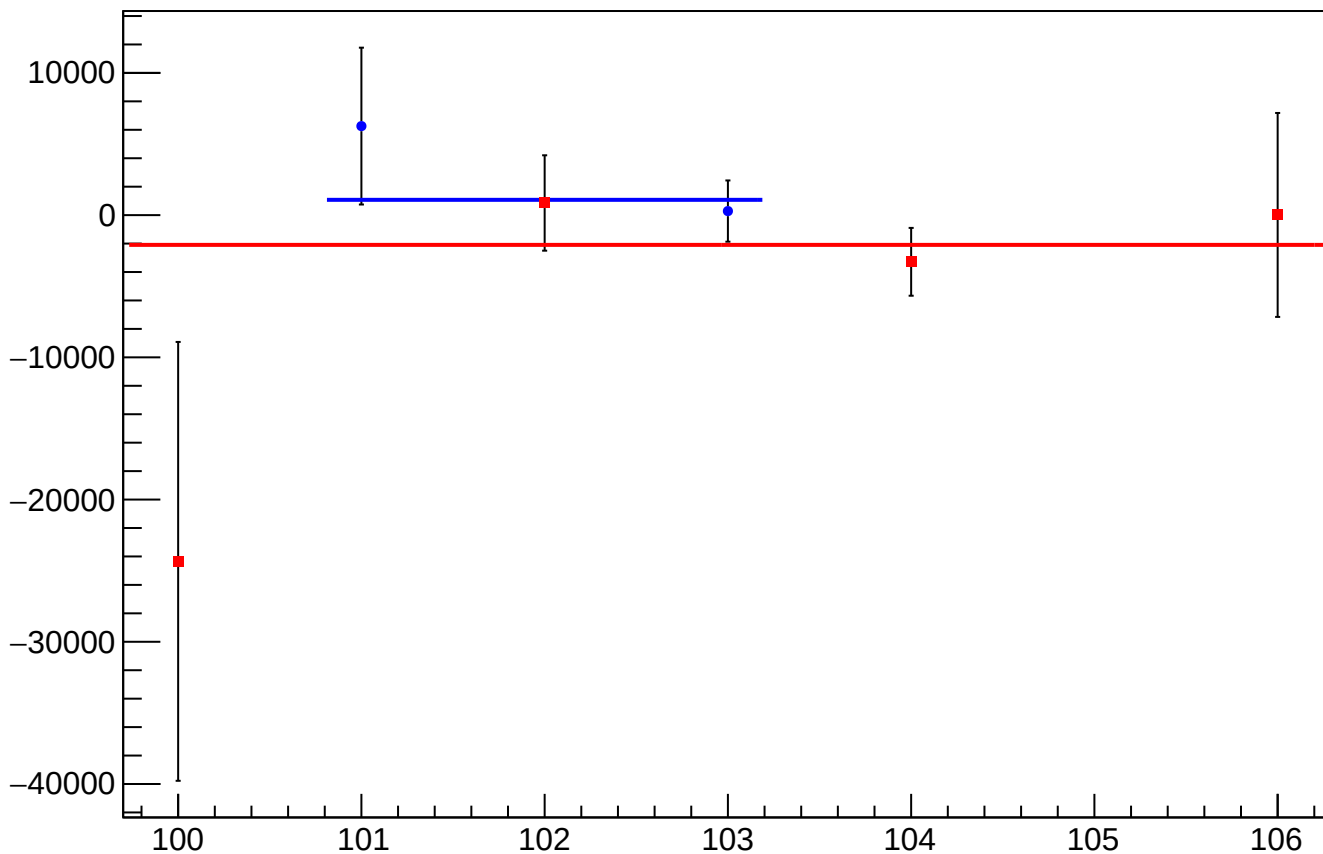
Right: 936.514+/-0.439 χ^2/NDF : 591669.4/5

In: 1018.108+/-0.761 χ^2/NDF : 244443.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.514+/-0.439 χ^2/NDF : 591669.4/5

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1075.648+/-2005.618 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2091.961+/-1861.837 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

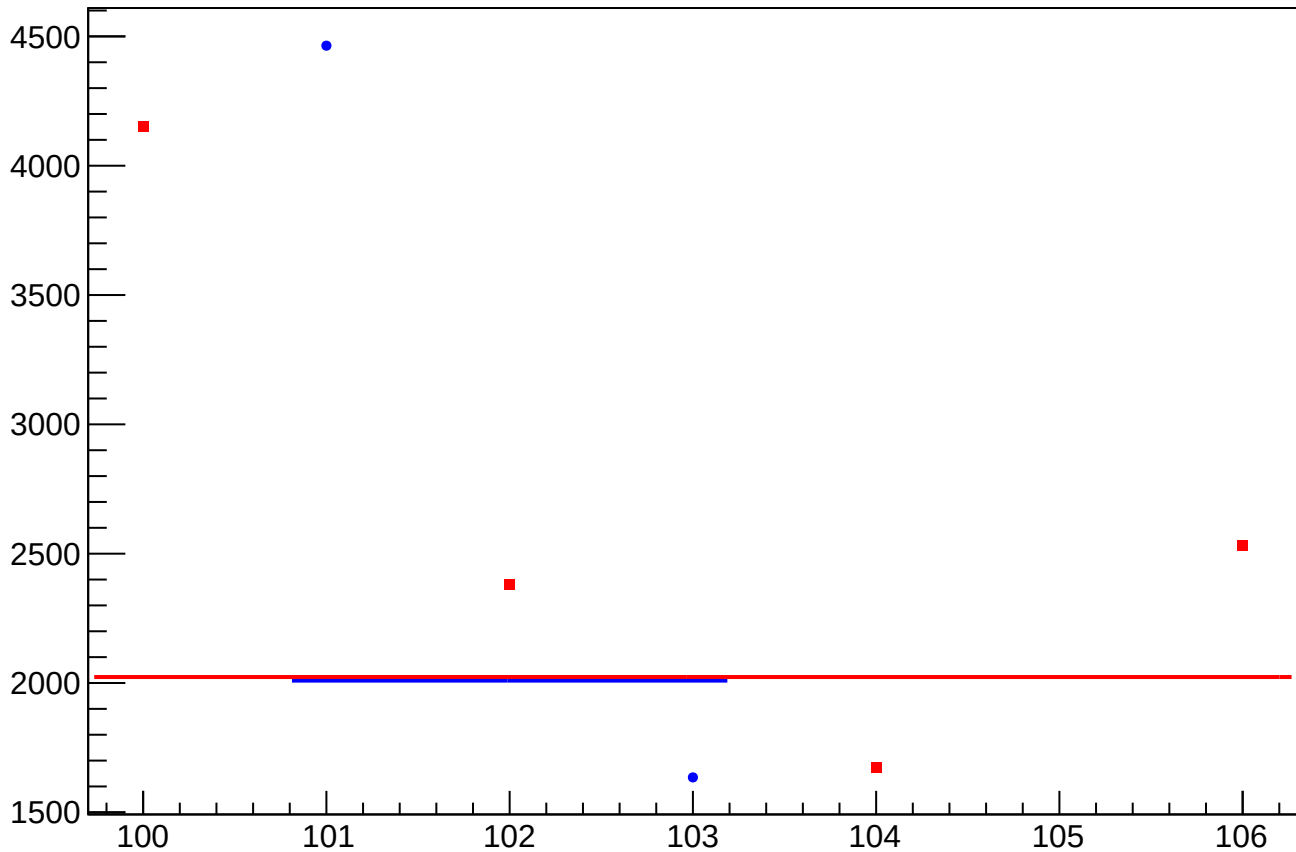
Right: -625.756+/-1364.519 χ^2/NDF : 5.5/5

In: 1075.648+/-2005.618 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.756+/-1364.519 χ^2/NDF : 5.5/5

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2009.257+/-1.418 χ^2/NDF : 456794.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2023.119+/-1.272 χ^2/NDF : 124550.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

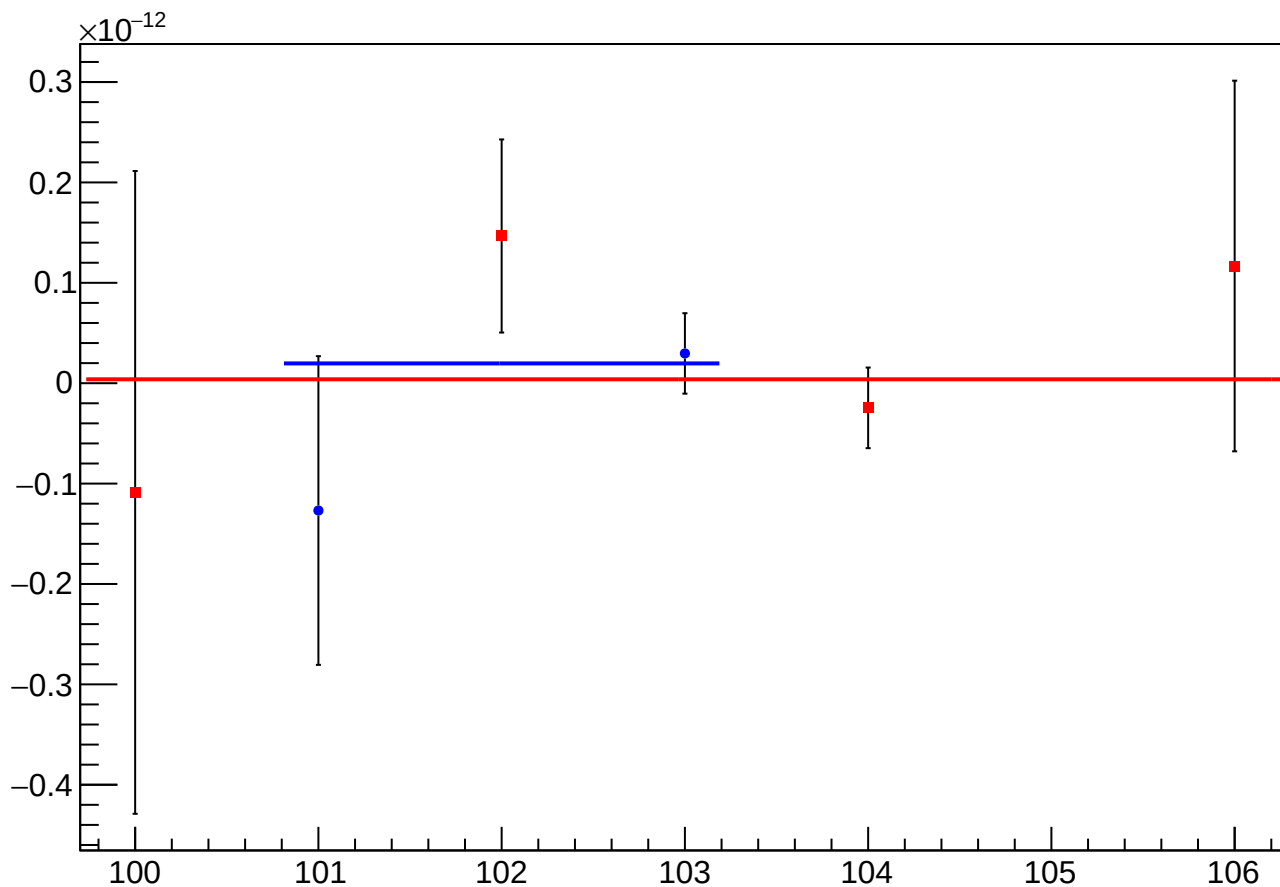
Right: 2016.941+/-0.947 χ^2/NDF : 581397.8/5

In: 2009.257+/-1.418 χ^2/NDF : 456794.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.941+/-0.947 χ^2/NDF : 581397.8/5

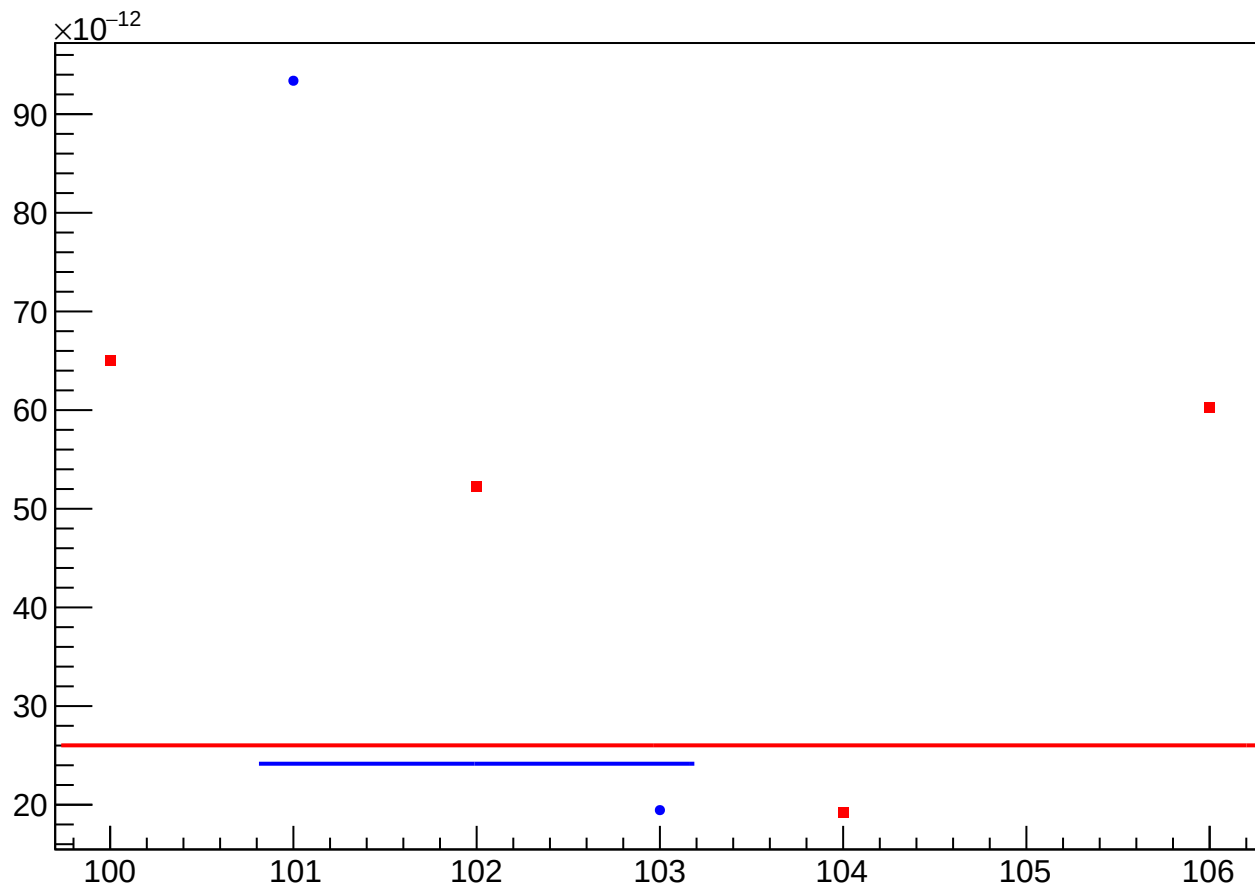
asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 3.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 4.3/5
 In: 0.000+/-0.000 χ^2/NDF : 1.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 4.3/5

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 433005.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 304883.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

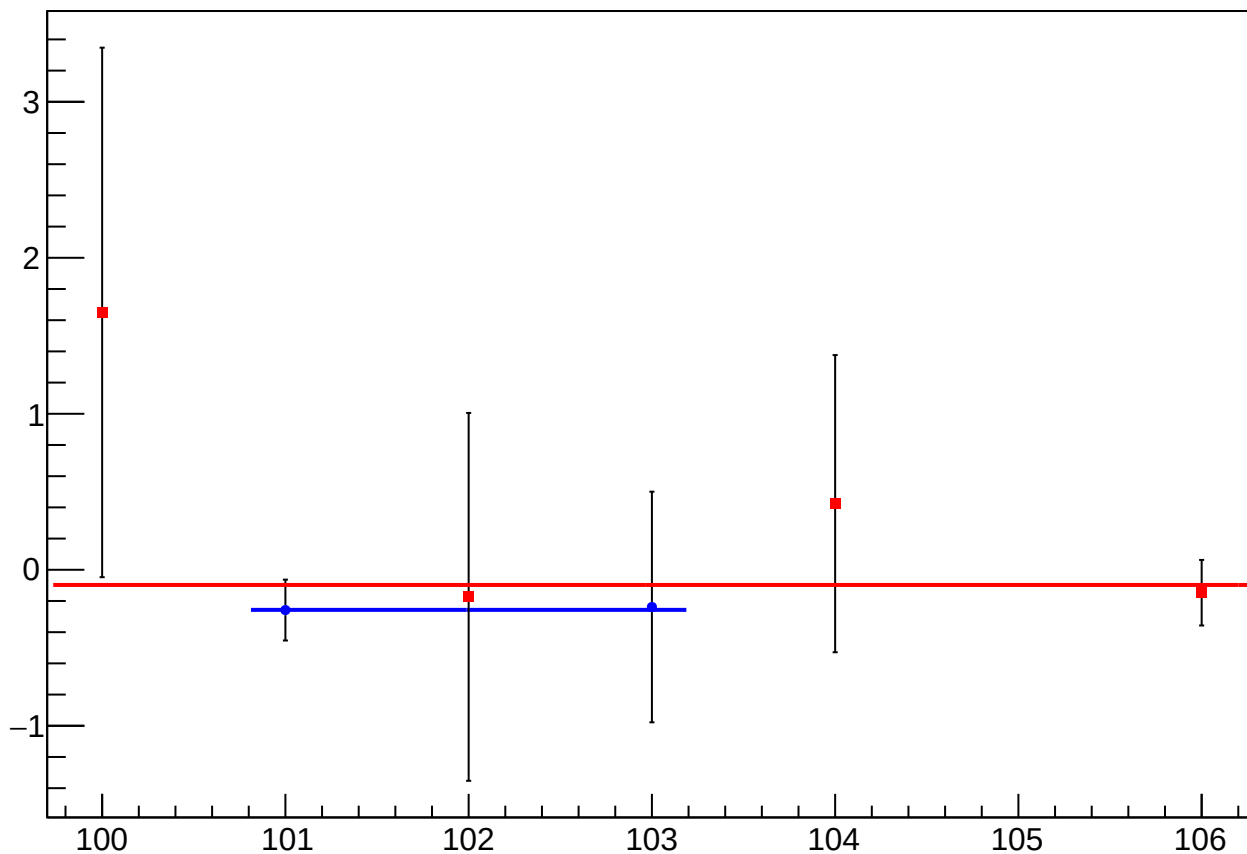
Right: 0.000+/-0.000 χ^2/NDF : 740358.5/5

In: 0.000+/-0.000 χ^2/NDF : 433005.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 740358.5/5

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.097 $\pm$ 0.201 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

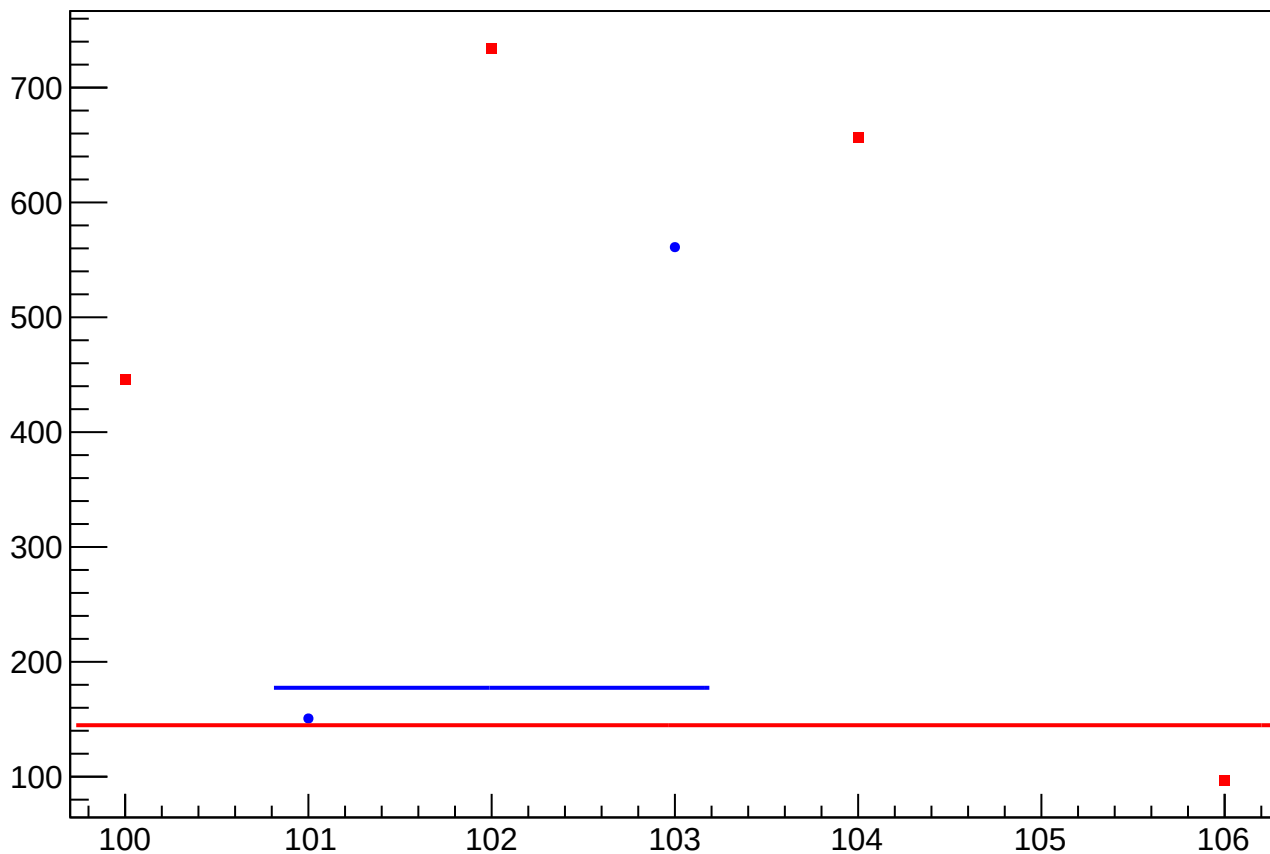
Right: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410 ± 0.133 $\chi^2/\text{NDF}: 576273.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 144.813 ± 0.142 $\chi^2/\text{NDF}: 1245398.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

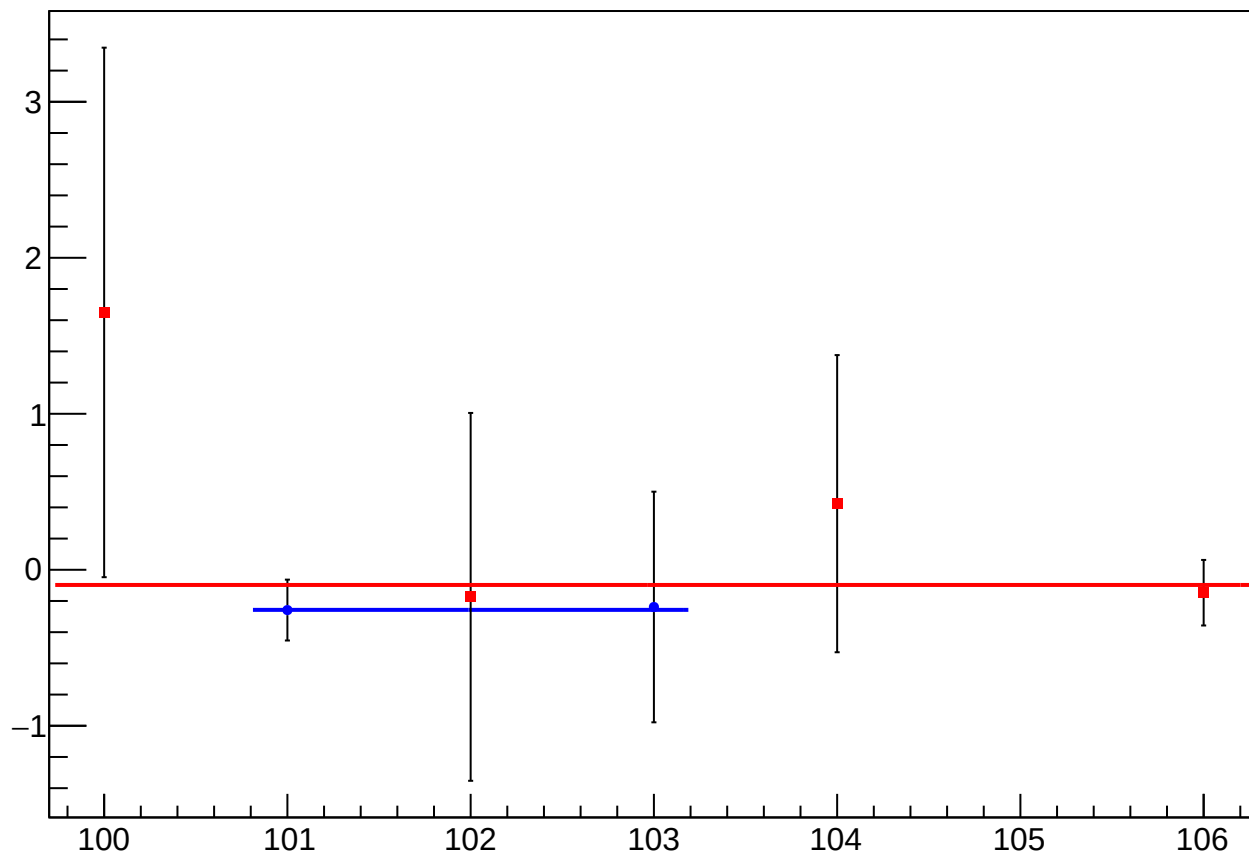
Right: 162.123 ± 0.097 $\chi^2/\text{NDF}: 1849679.0/5$

In: 177.410 ± 0.133 $\chi^2/\text{NDF}: 576273.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 162.123 ± 0.097 $\chi^2/\text{NDF}: 1849679.0/5$

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.097 $\pm$ 0.201 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

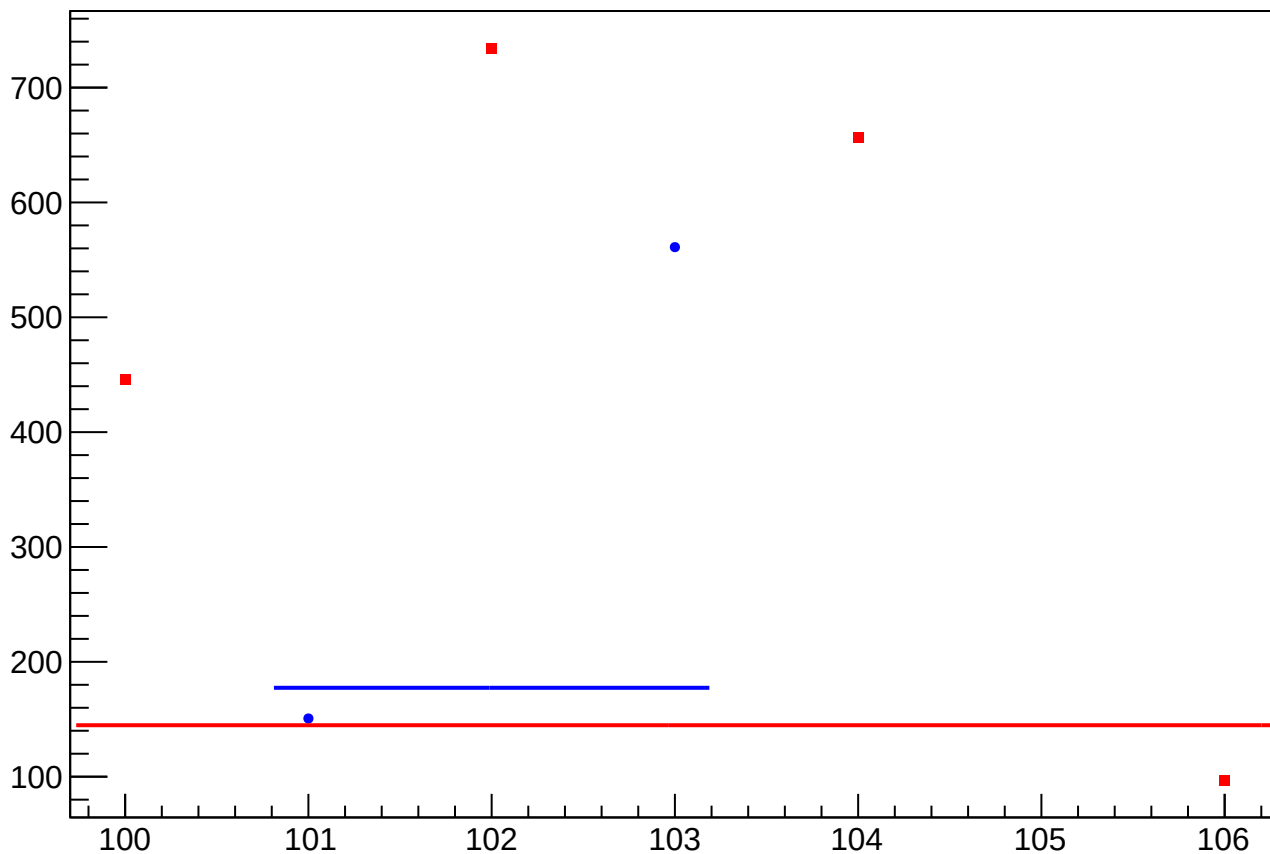
Right: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410 $\pm$ 0.133 χ^2 /NDF: 576273.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.813 $\pm$ 0.142 χ^2 /NDF: 1245398.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

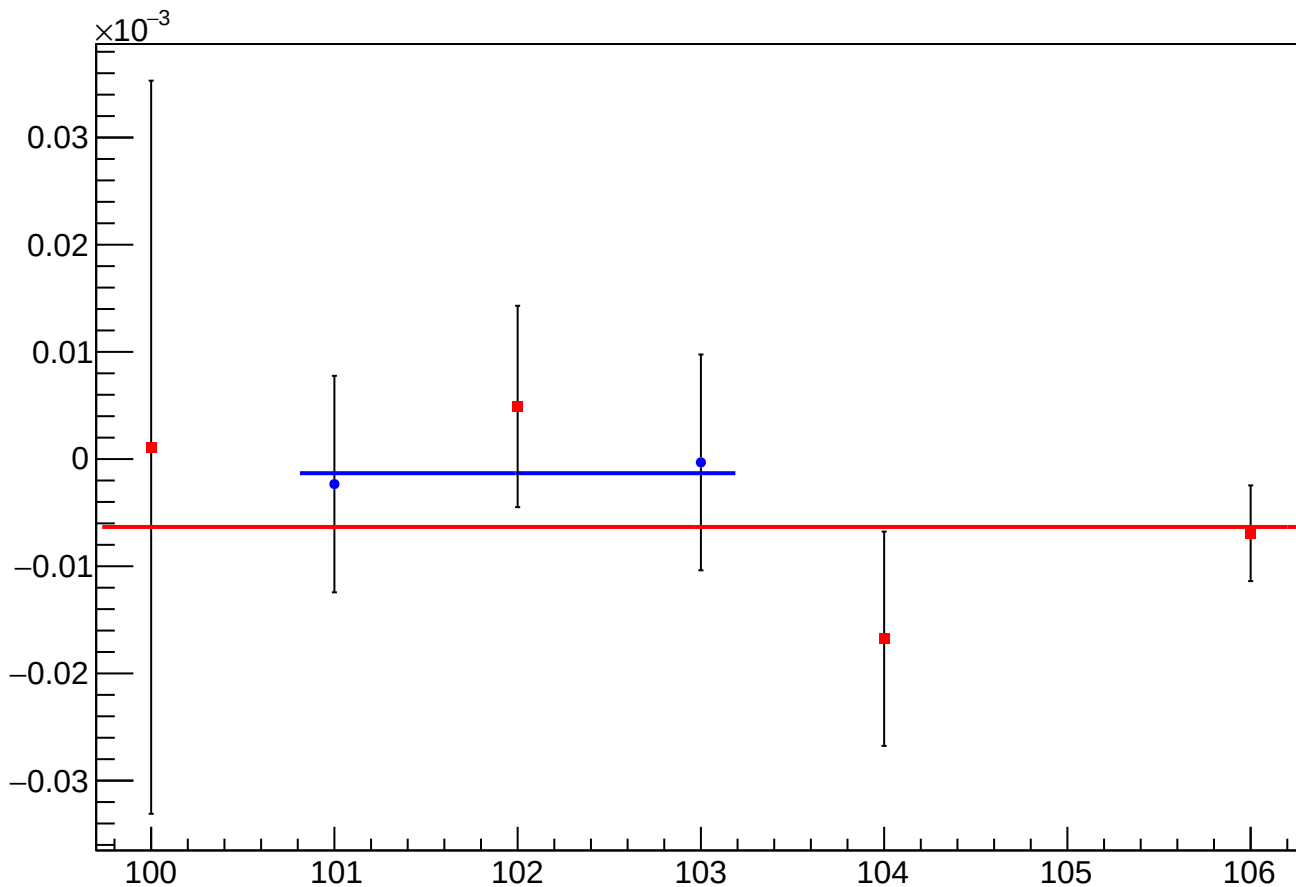
Right: 162.123 $\pm$ 0.097 χ^2 /NDF: 1849679.0/5

In: 177.410 $\pm$ 0.133 χ^2 /NDF:576273.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.123 $\pm$ 0.097 χ^2 /NDF: 1849679.0/5

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ -0.000 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

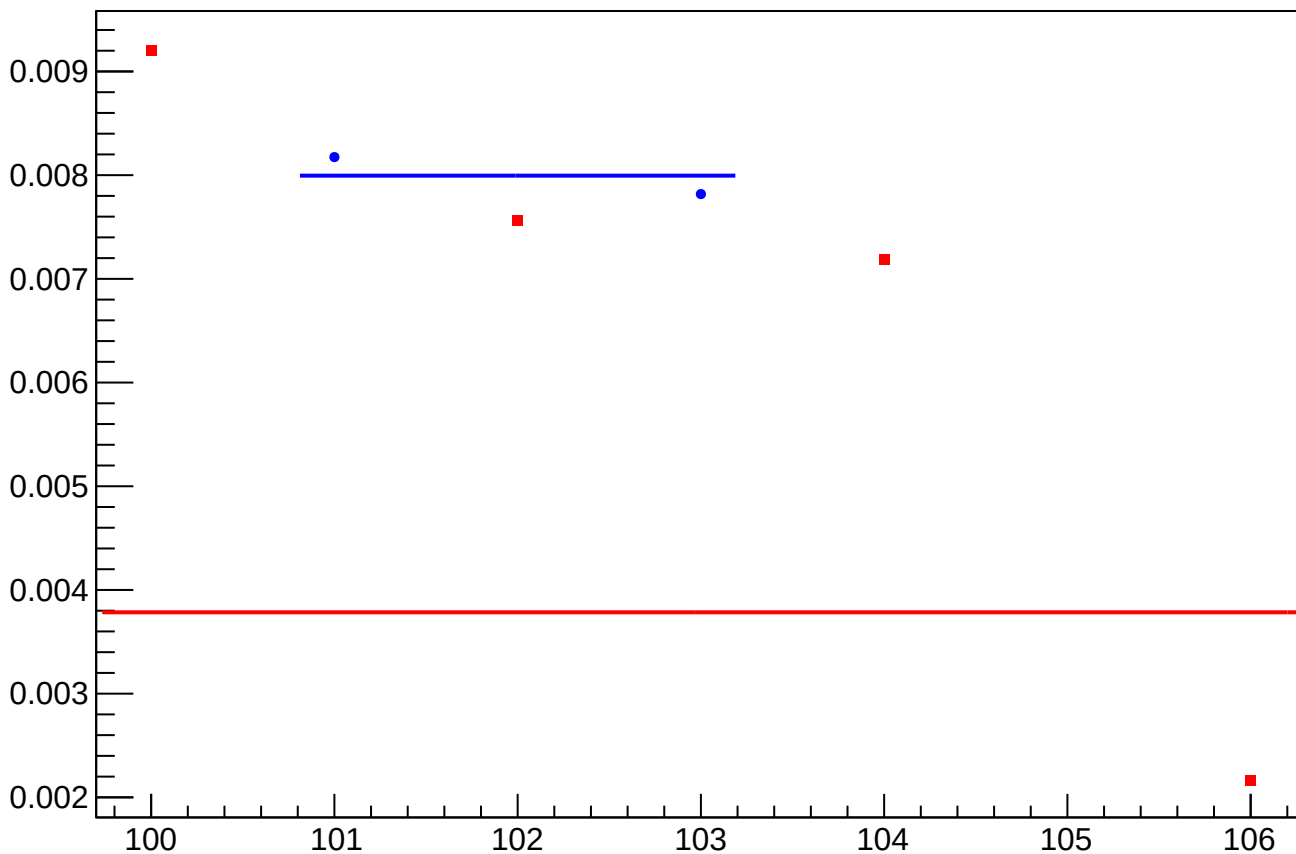
Right: -0.000 $\pm$ -0.000 χ^2 /NDF: 3.0/5

In: -0.000 $\pm$ -0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ -0.000 χ^2 /NDF: 3.0/5

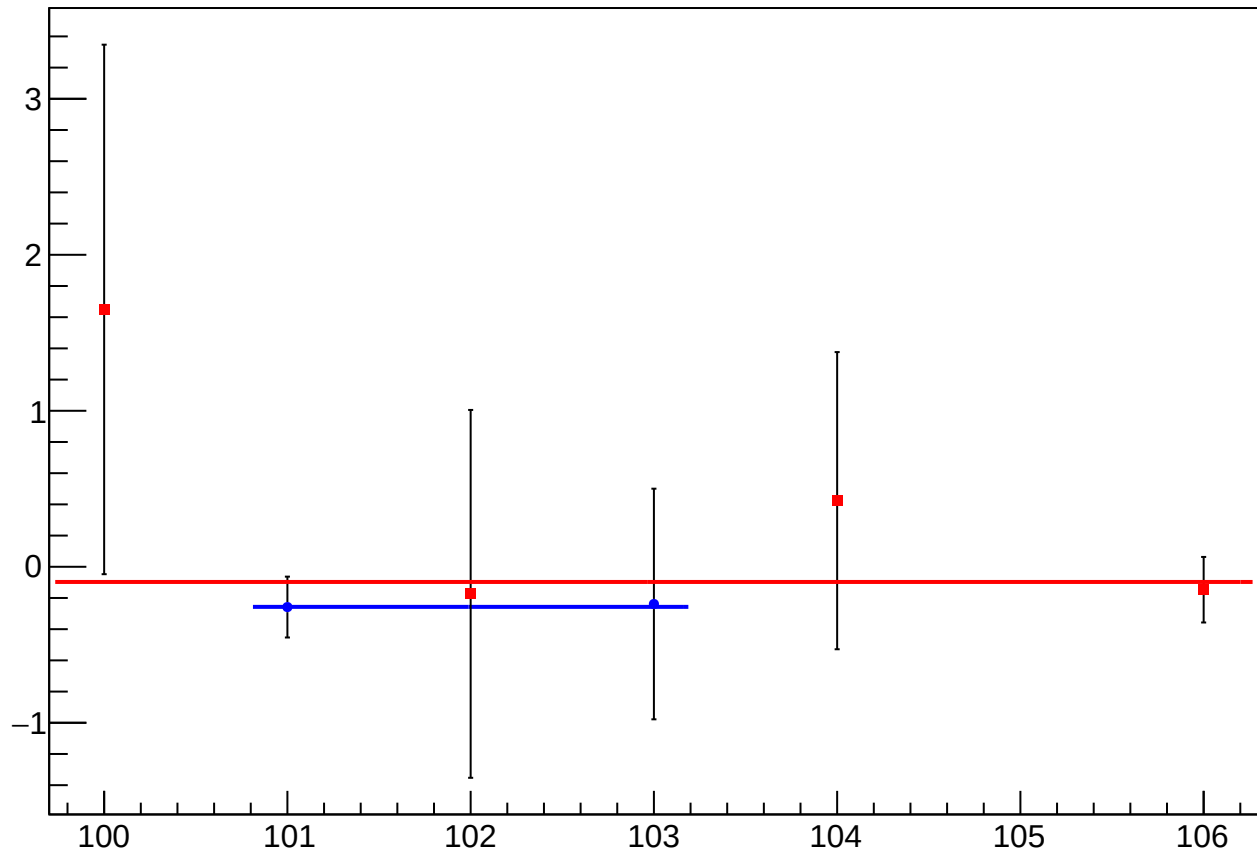
asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1251.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.004+/-0.000 χ^2/NDF : 867845.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 1417424.0/5
 In: 0.008+/-0.000 χ^2/NDF : 1251.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 1417424.0/5

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.097 $\pm$ 0.201 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

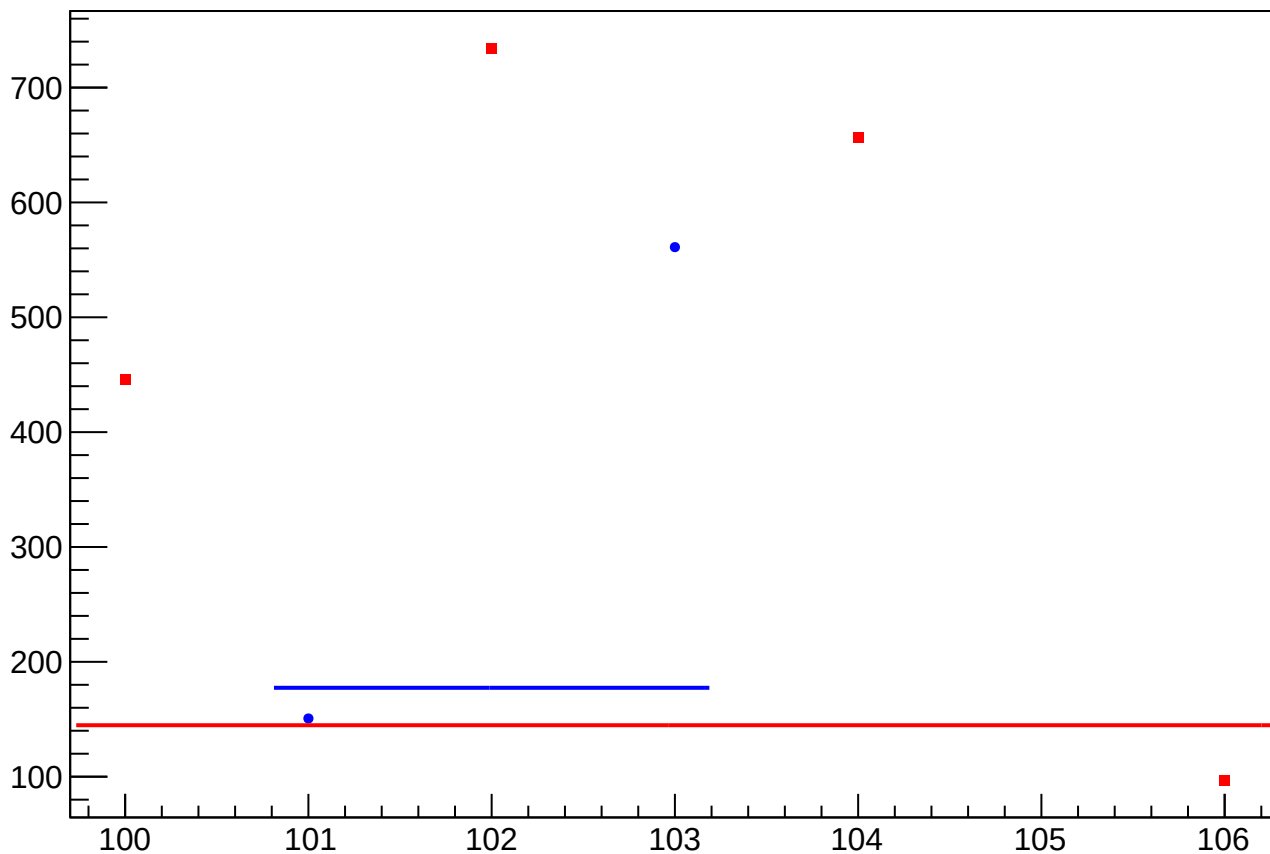
Right: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.405 $\pm$ 0.133 χ^2 /NDF: 576278.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.812 $\pm$ 0.142 χ^2 /NDF: 1245389.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

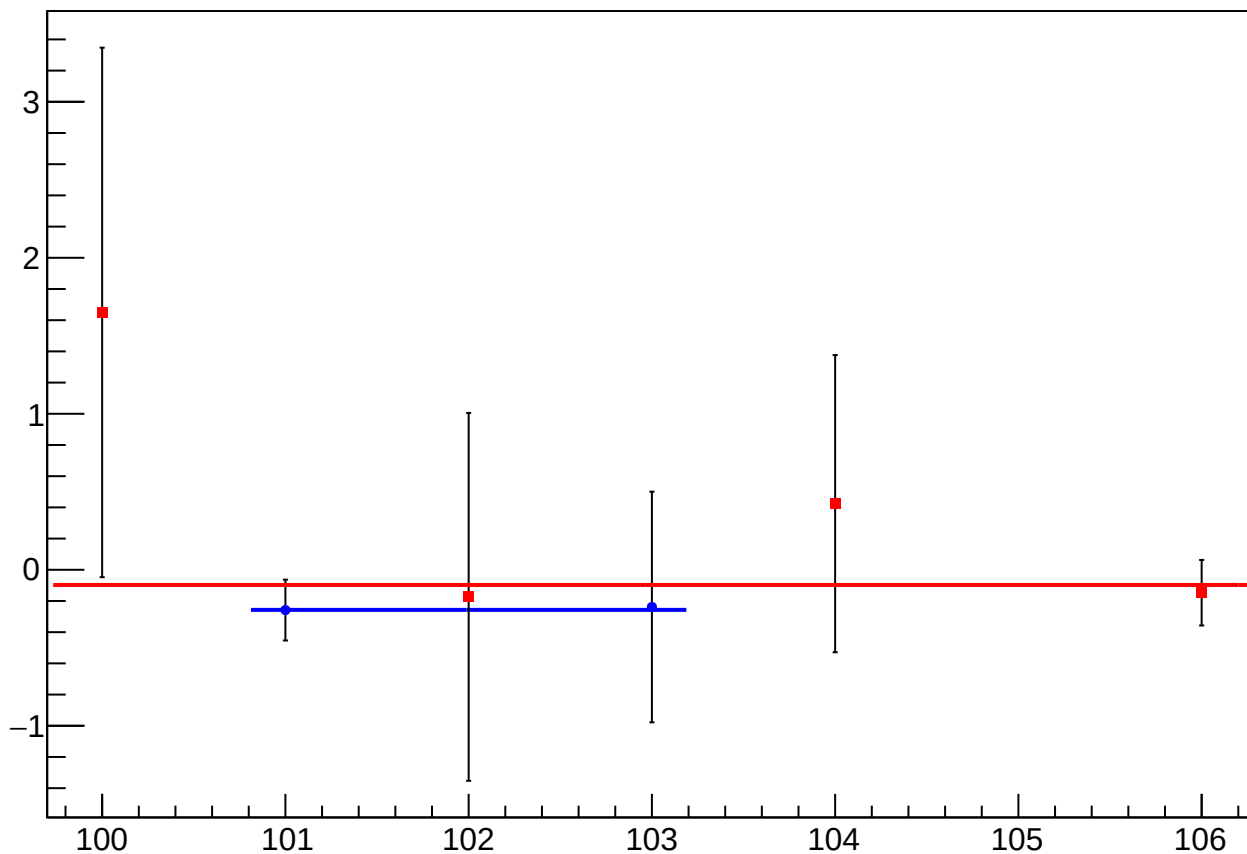
Right: 162.121 $\pm$ 0.097 χ^2 /NDF: 1849668.8/5

In: 177.405 $\pm$ 0.133 χ^2 /NDF:576278.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.121 $\pm$ 0.097 χ^2 /NDF: 1849668.8/5

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 $\pm$ 0.189 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.097 $\pm$ 0.201 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

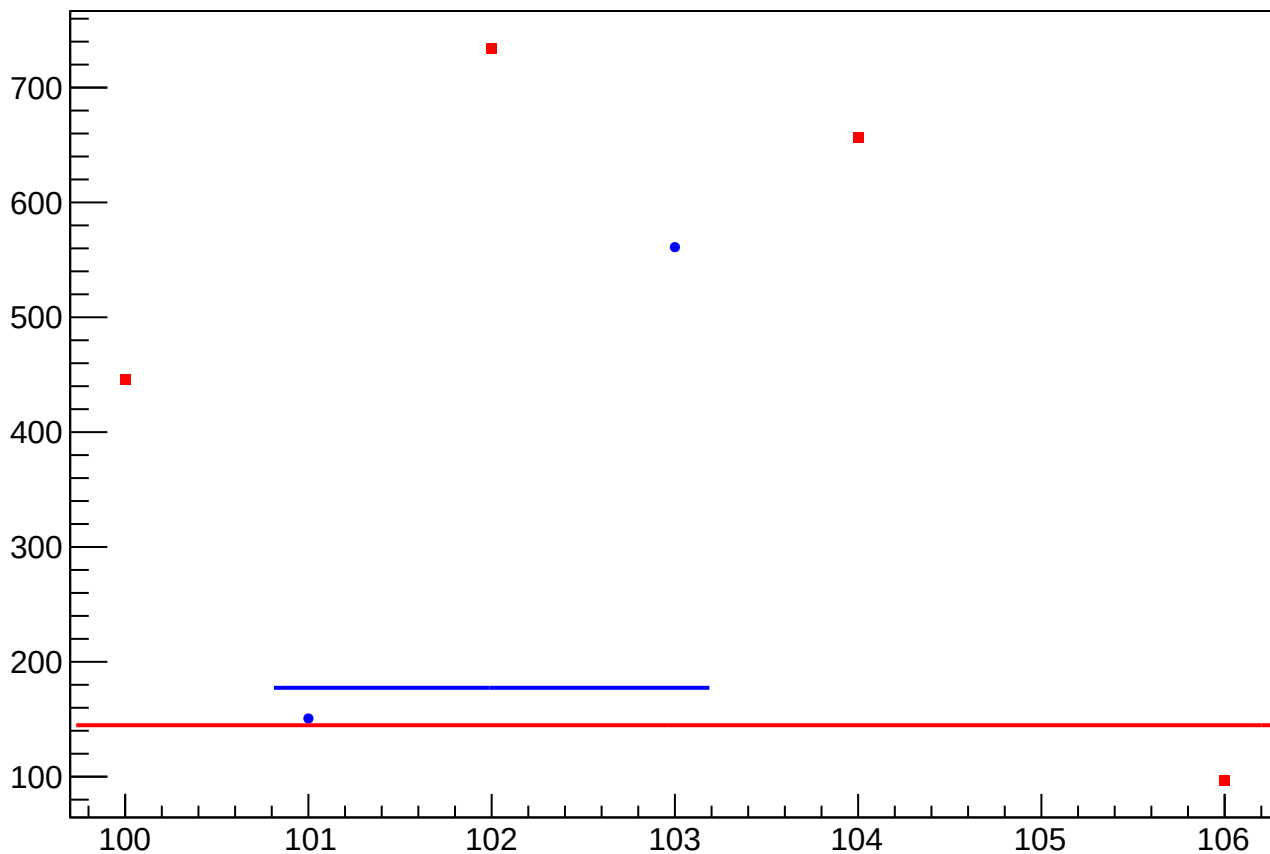
Right: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

In: -0.257 $\pm$ 0.189 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.182 $\pm$ 0.137 χ^2 /NDF: 1.8/5

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.405+/-0.133 χ^2/NDF : 576278.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.812+/-0.142 χ^2/NDF : 1245389.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

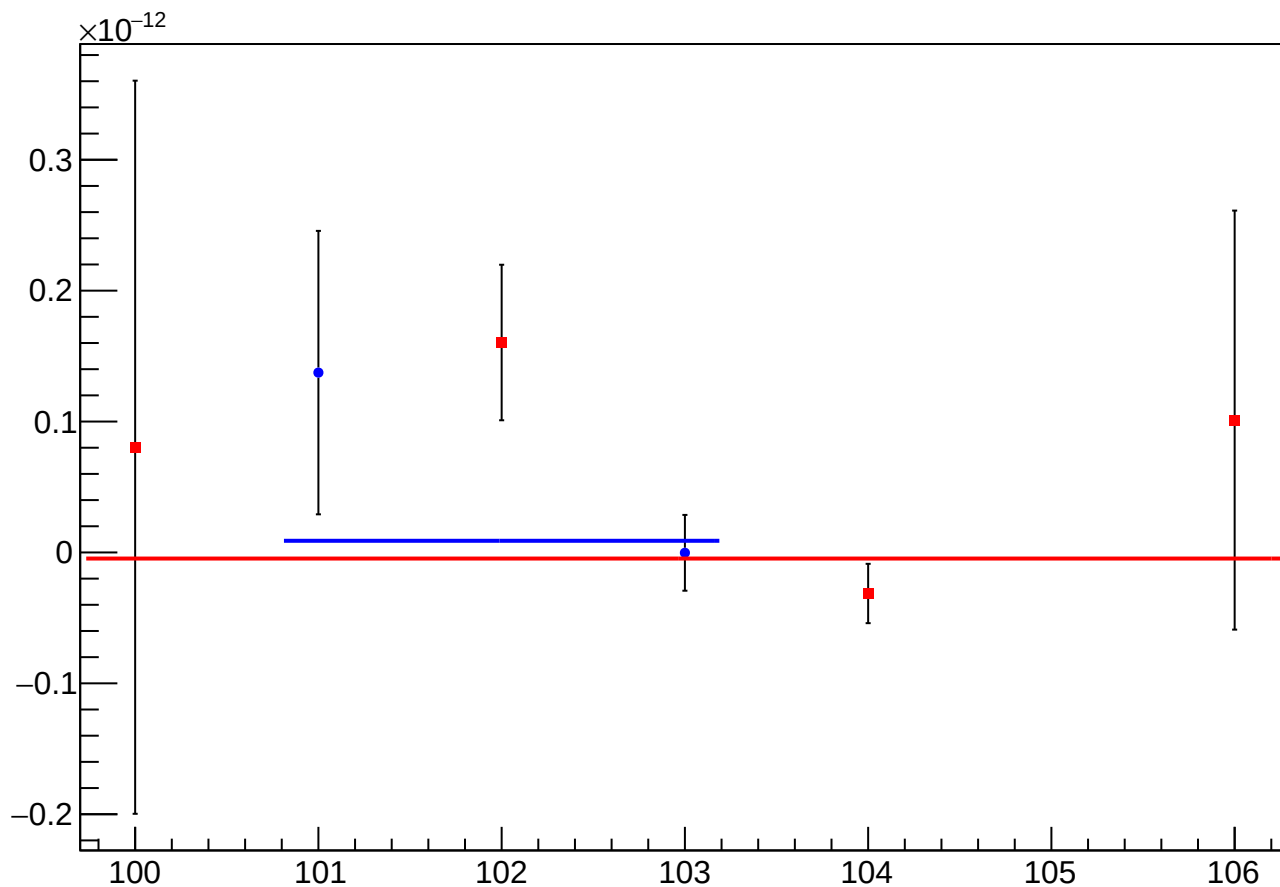
Right: 162.121+/-0.097 χ^2/NDF : 1849668.8/5

In: 177.405+/-0.133 χ^2/NDF : 576278.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.121+/-0.097 χ^2/NDF : 1849668.8/5

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

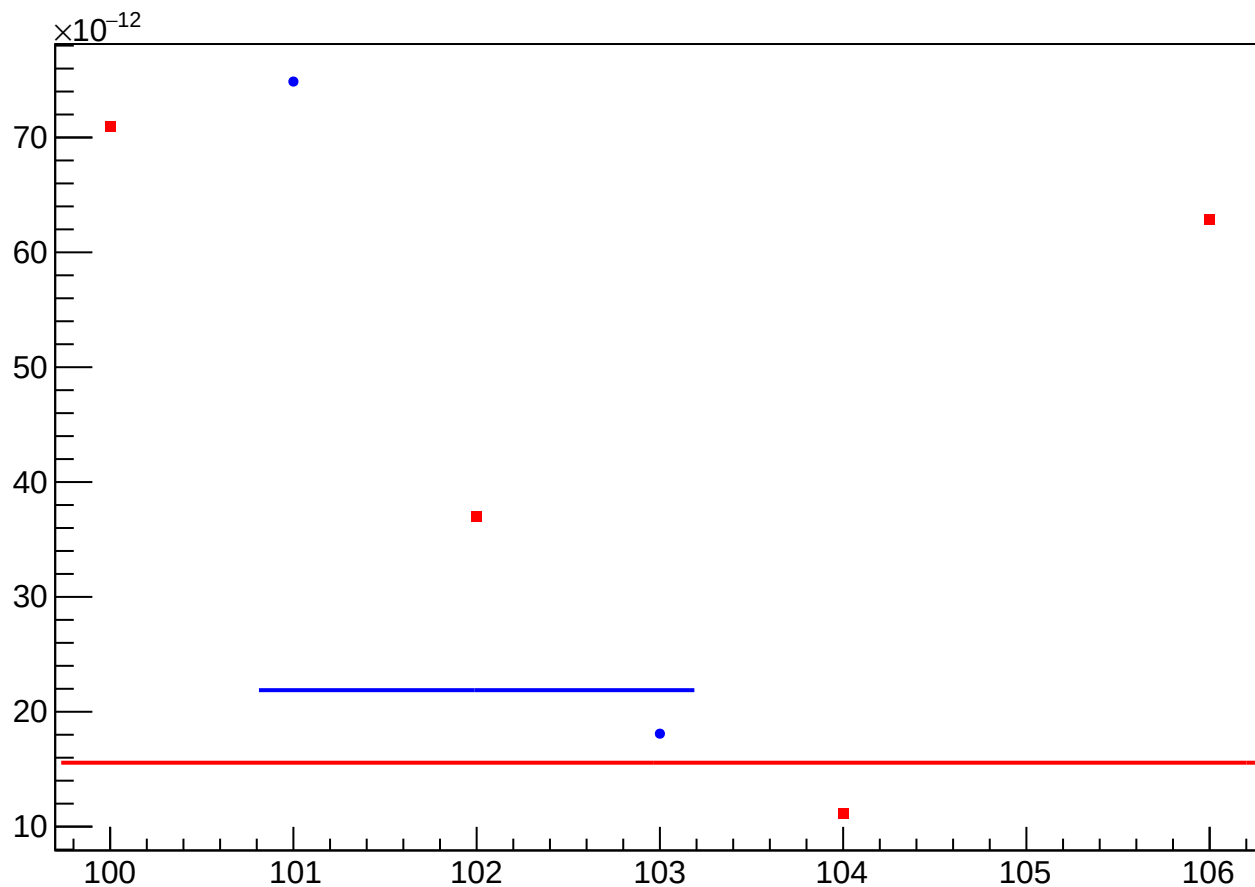
Right: 0.000+/-0.000 χ^2/NDF : 11.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.3/5

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 513269.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 589851.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

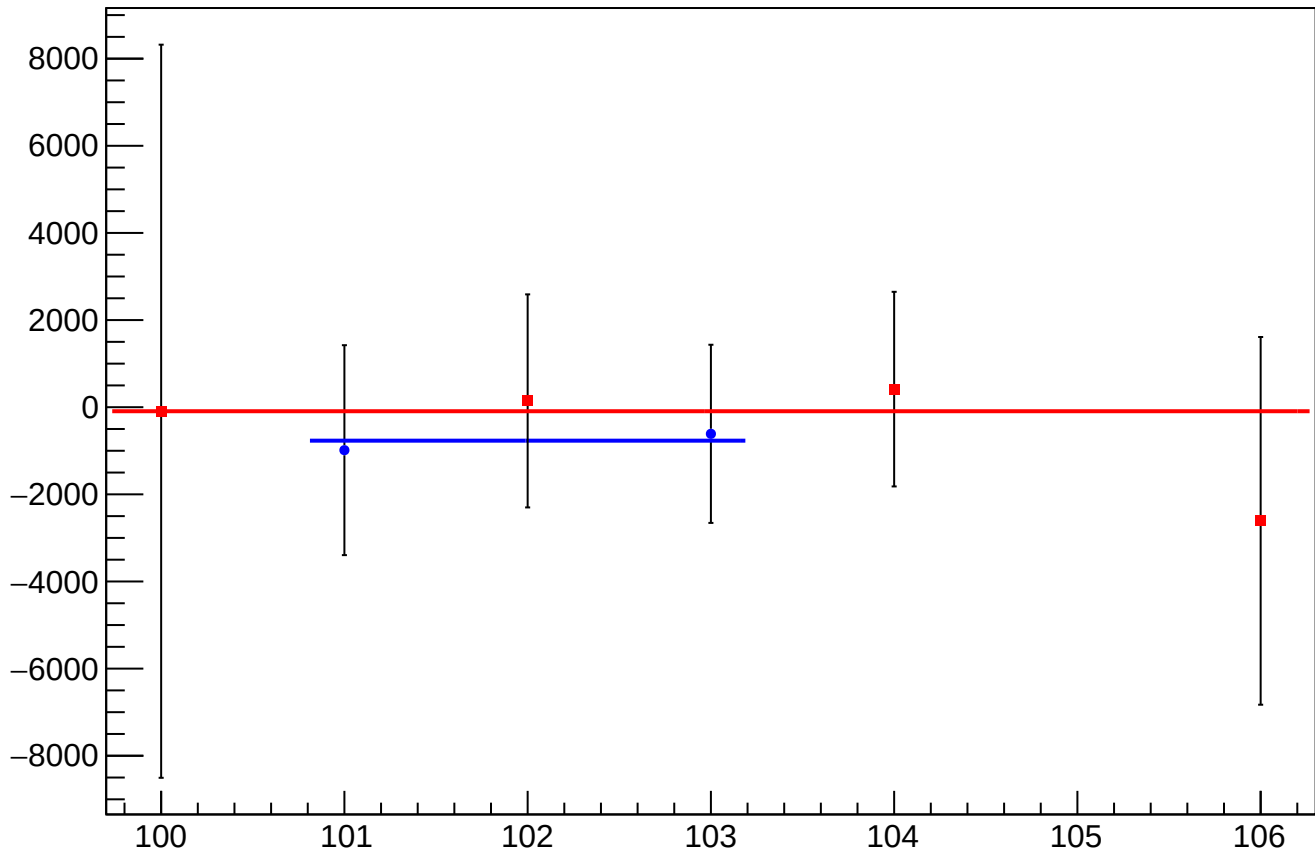
Right: 0.000+/-0.000 χ^2/NDF : 1168470.8/5

In: 0.000+/-0.000 χ^2/NDF : 513269.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1168470.8/5

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.051+/-1558.938 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.249+/-1510.988 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

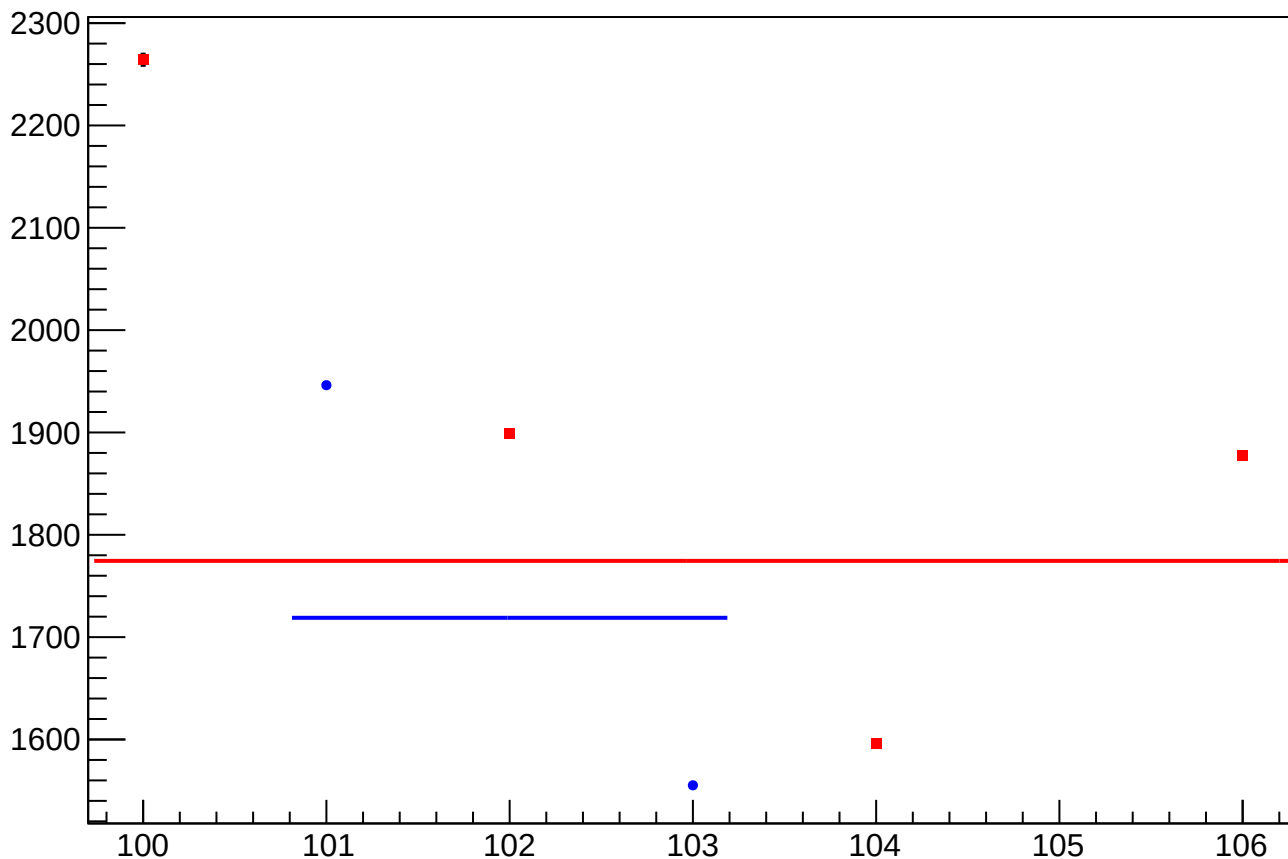
Right: -419.597+/-1084.986 χ^2/NDF : 0.5/5

In: -768.051+/-1558.938 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -419.597+/-1084.986 χ^2/NDF : 0.5/5

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.899+/-1.102 χ^2/NDF : 30622.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1774.523+/-1.041 χ^2/NDF : 26397.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

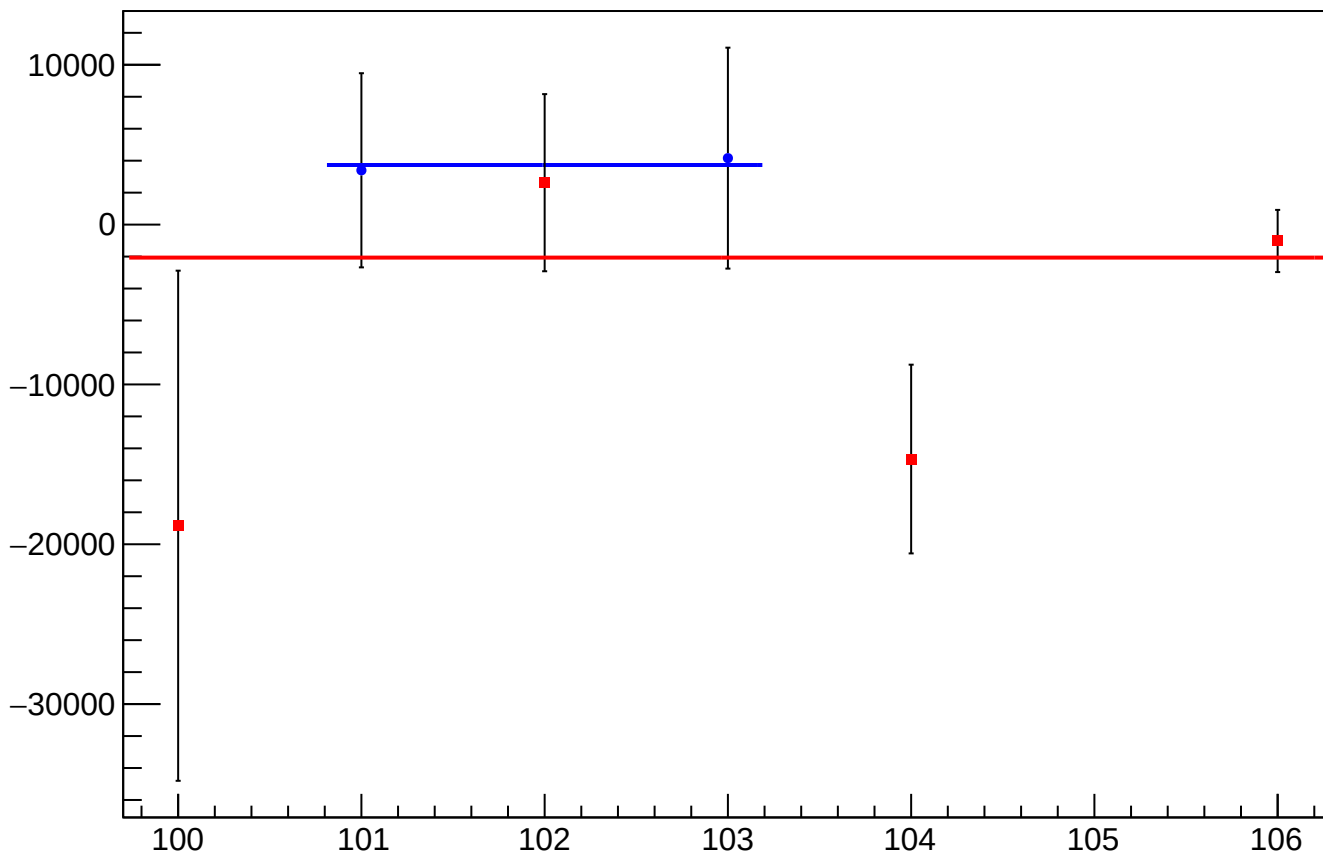
Right: 1748.292+/-0.757 χ^2/NDF : 58365.0/5

In: 1718.899+/-1.102 χ^2/NDF : 30622.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.292+/-0.757 χ^2/NDF : 58365.0/5

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3729.846+/-4562.779 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2064.260+/-1742.052 χ^2/NDF : 6.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

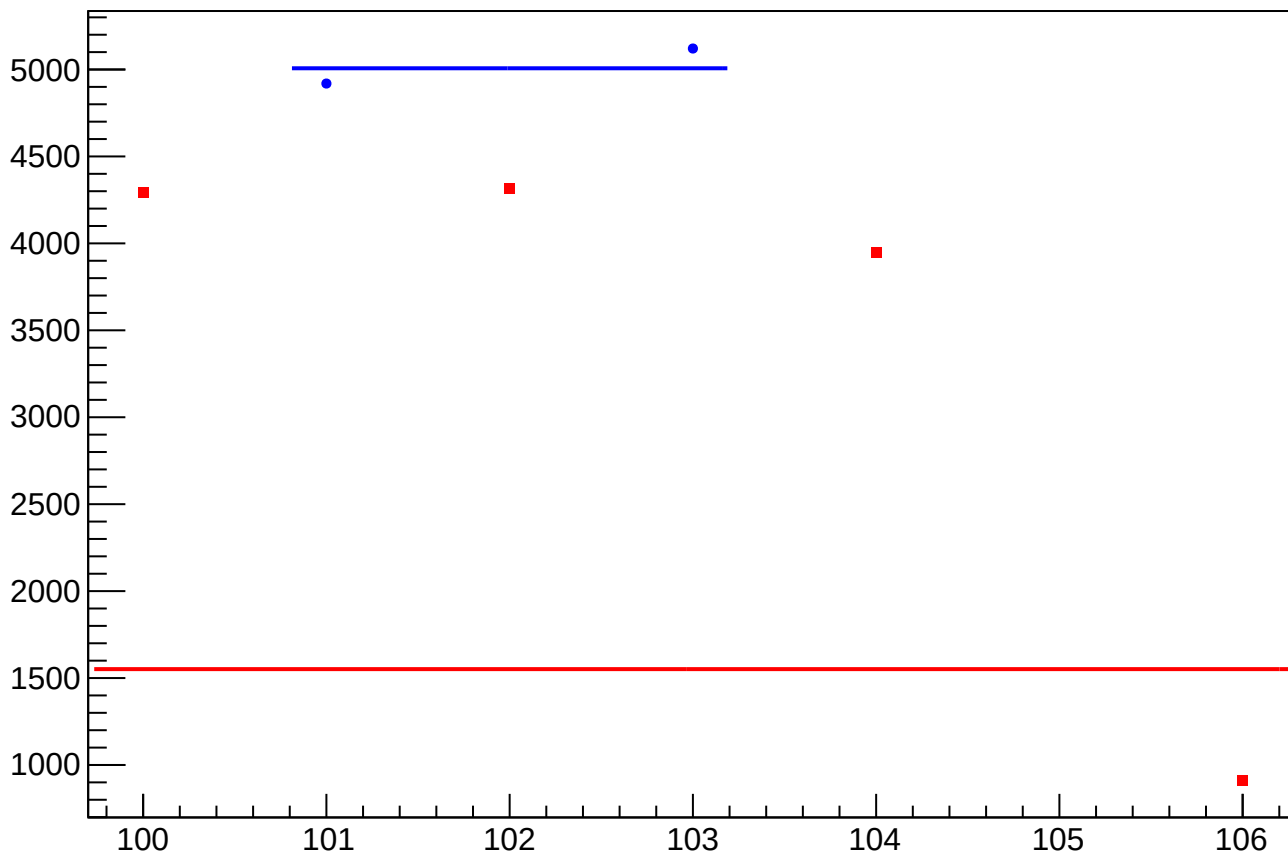
Right: -1327.115+/-1627.468 χ^2/NDF : 8.1/5

In: 3729.846+/-4562.779 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1327.115+/-1627.468 χ^2/NDF : 8.1/5

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5007.040+/-3.226 χ^2/NDF : 958.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1551.388+/-1.232 χ^2/NDF : 1102426.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

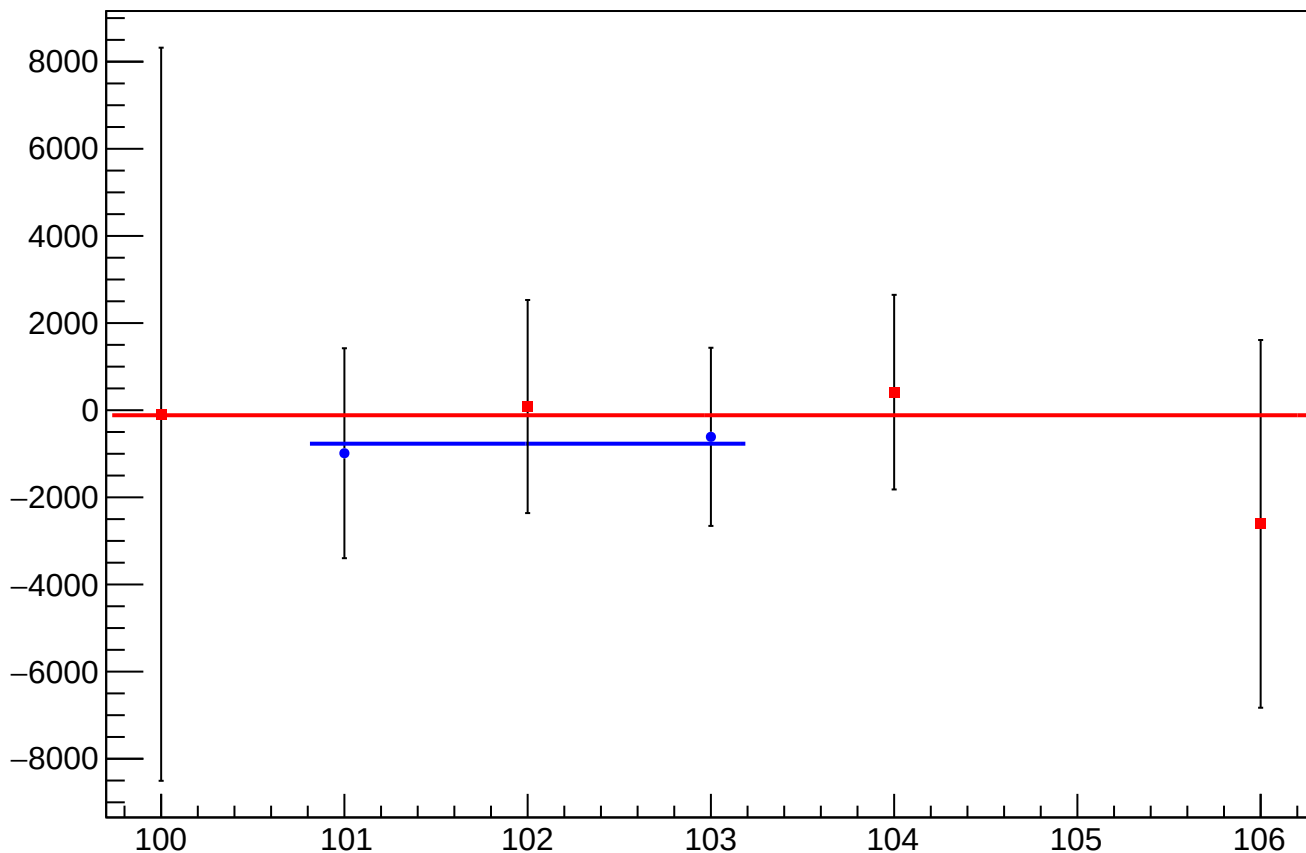
Right: 1991.028+/-1.151 χ^2/NDF : 2104615.3/5

In: 5007.040+/-3.226 χ^2/NDF : 958.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.028+/-1.151 χ^2/NDF : 2104615.3/5

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.688 $\pm$ 1558.939 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -115.627 $\pm$ 1511.071 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

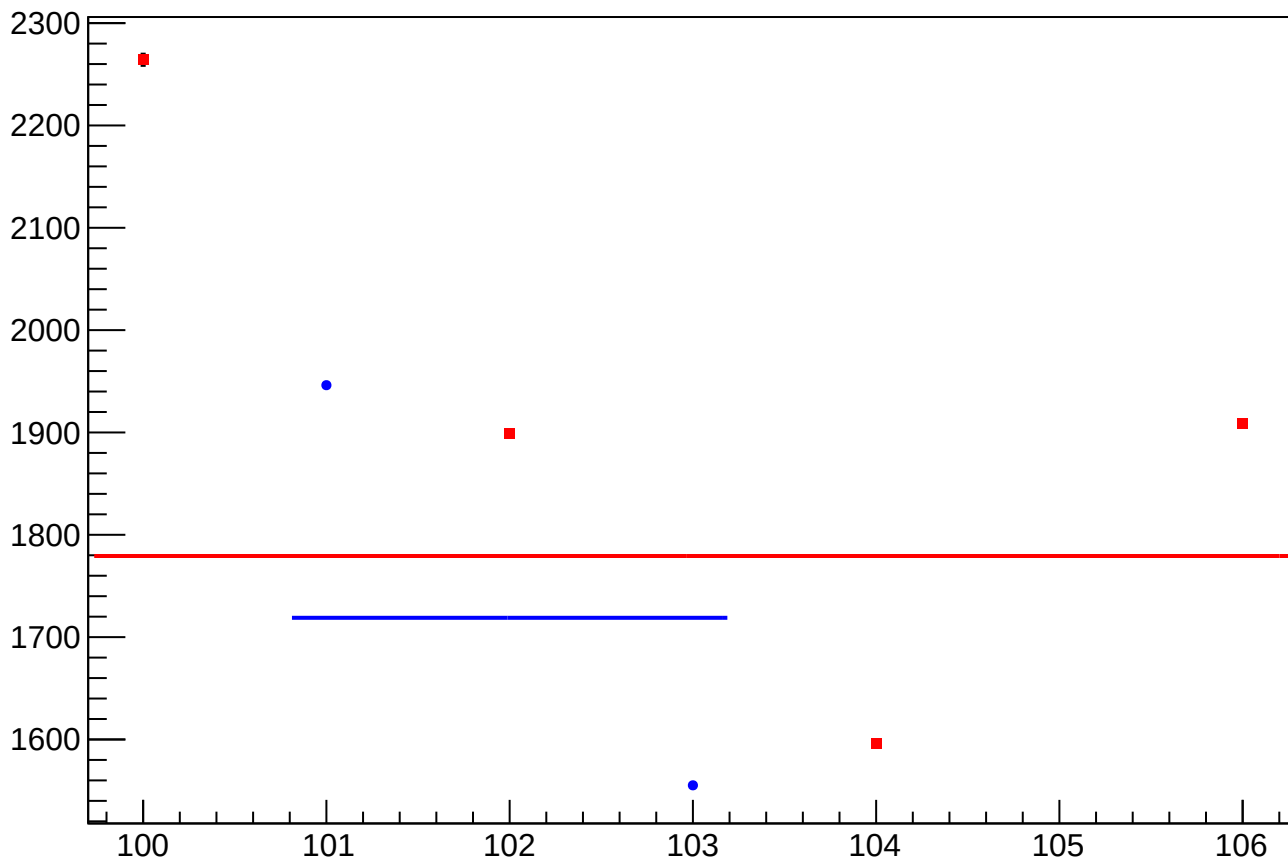
Right: -431.977 $\pm$ 1085.017 χ^2 /NDF: 0.5/5

In: -768.688 $\pm$ 1558.939 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -431.977 $\pm$ 1085.017 χ^2 /NDF: 0.5/5

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1779.283+/-1.044 χ^2/NDF : 27479.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

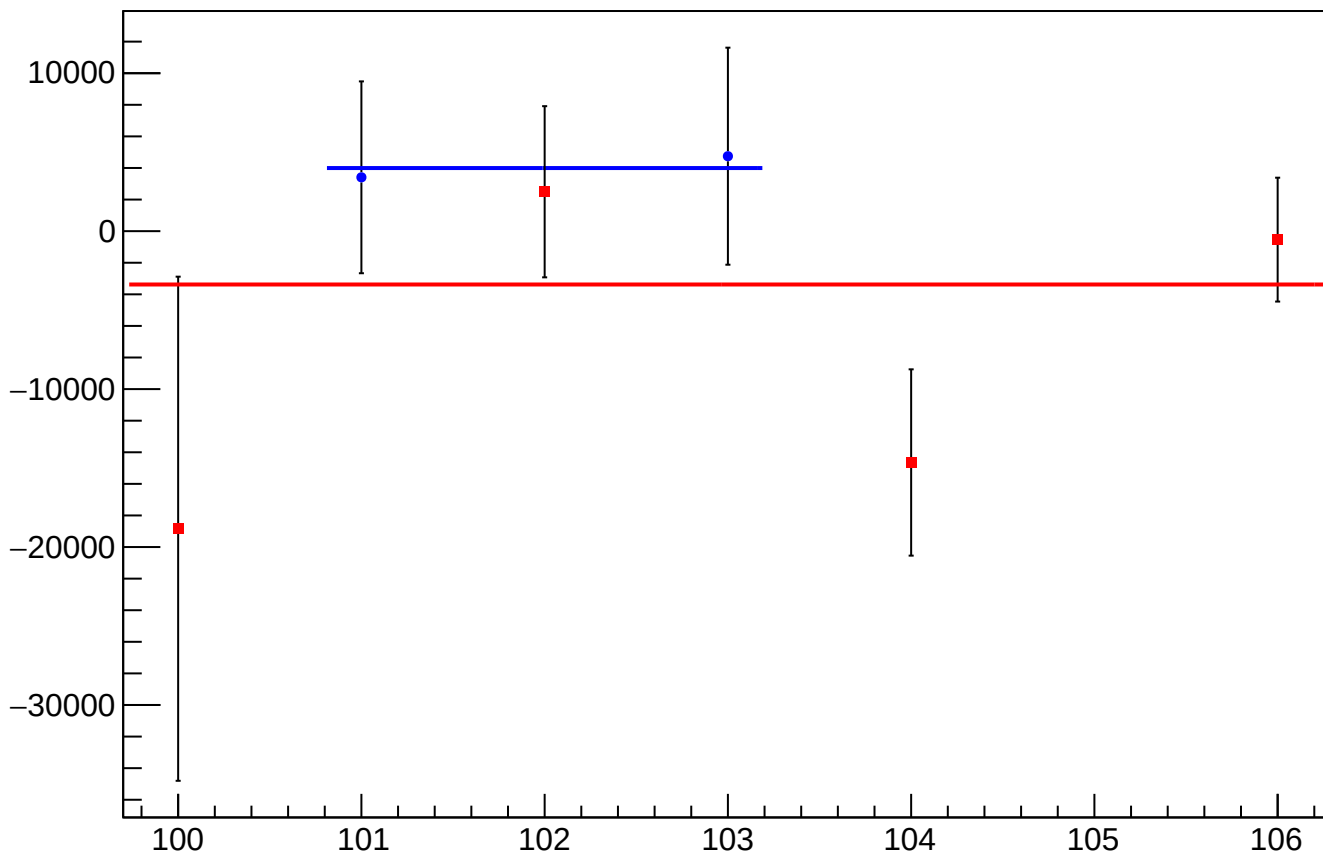
Right: 1750.728+/-0.758 χ^2/NDF : 59683.1/5

In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.728+/-0.758 χ^2/NDF : 59683.1/5

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3377.139+/-2754.921 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

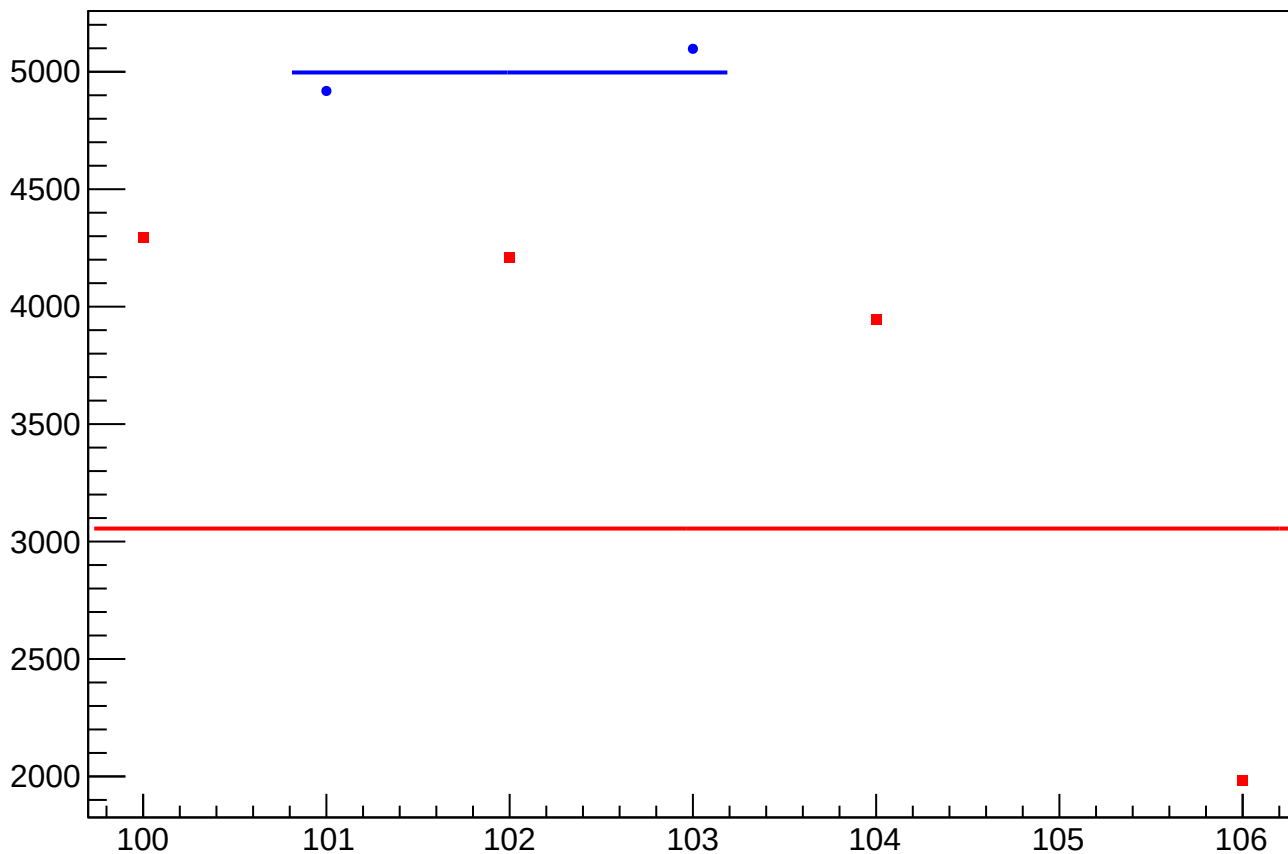
Right: -1399.674+/-2356.673 χ^2/NDF : 8.2/5

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1399.674+/-2356.673 χ^2/NDF : 8.2/5

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3055.343+/-1.948 χ^2/NDF : 297142.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

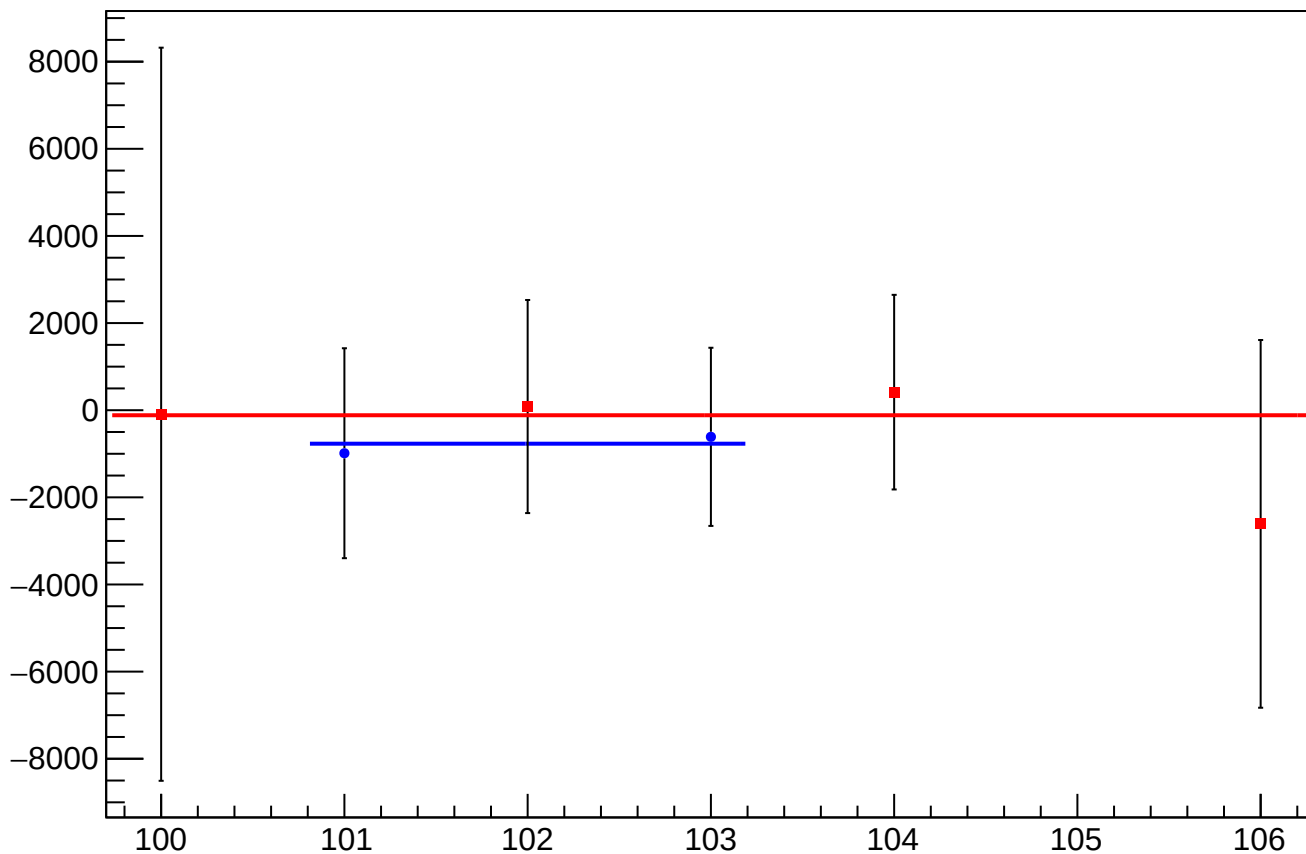
Right: 3576.142+/-1.666 χ^2/NDF : 564386.3/5

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3576.142+/-1.666 χ^2/NDF : 564386.3/5

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.627+/-1511.071 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

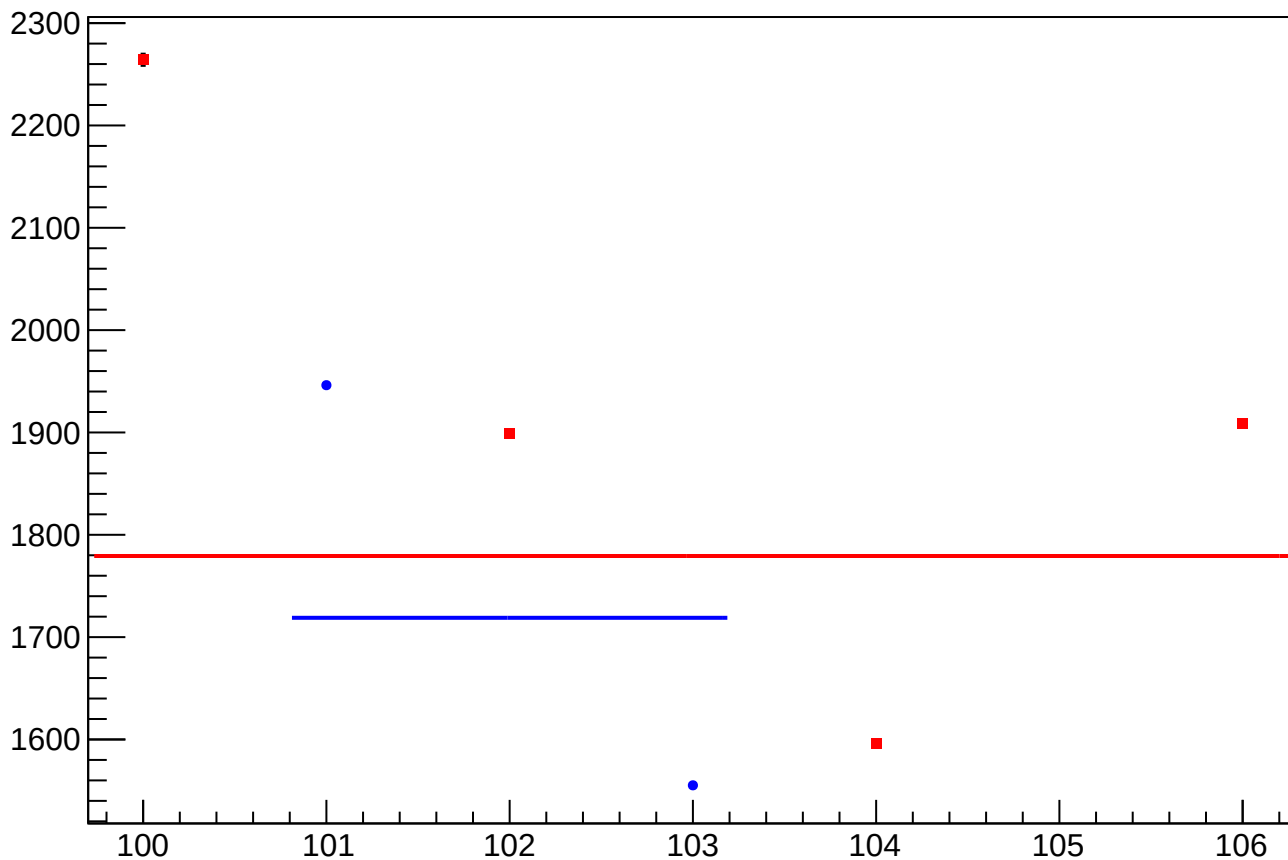
Right: -431.977+/-1085.017 χ^2/NDF : 0.5/5

In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -431.977+/-1085.017 χ^2/NDF : 0.5/5

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1779.283+/-1.044 χ^2/NDF : 27479.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

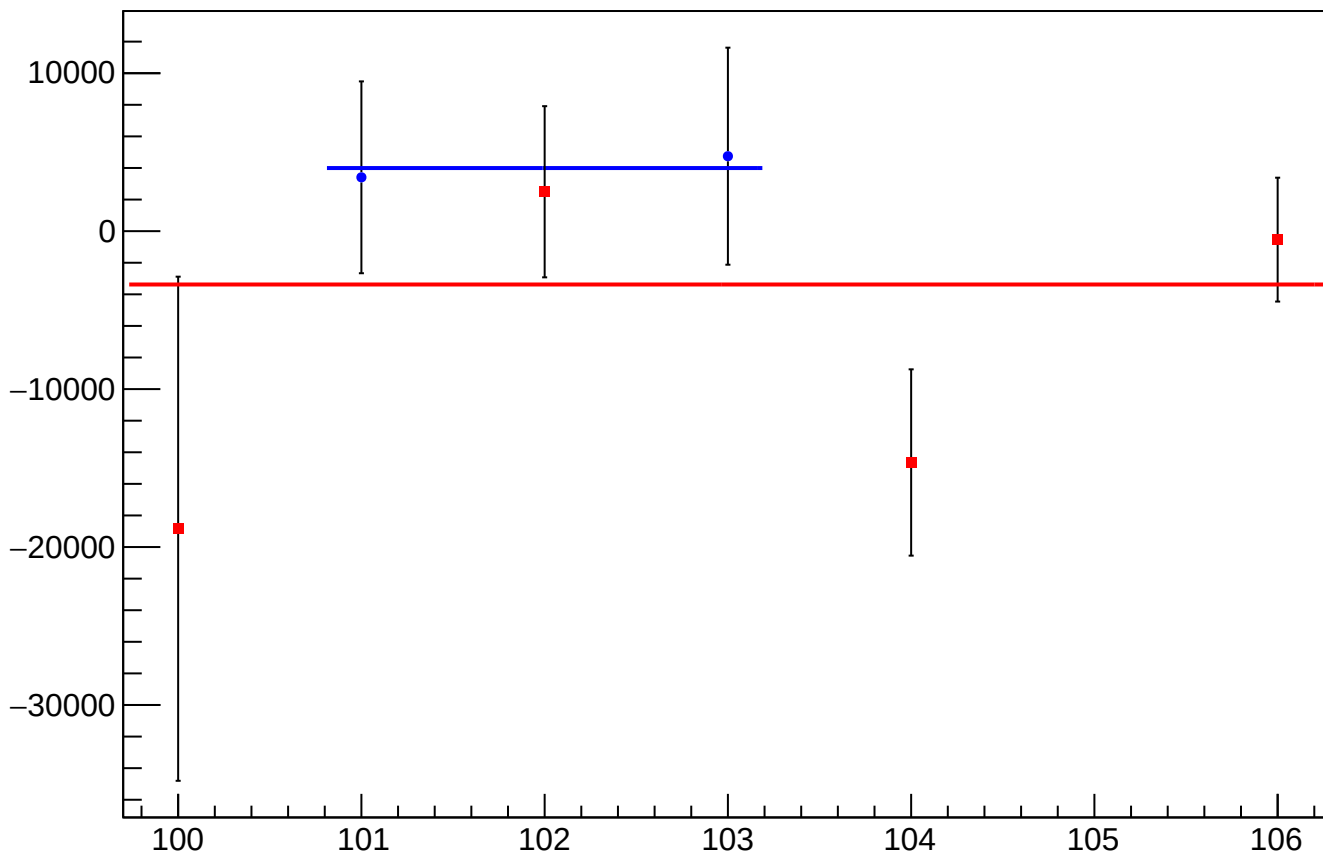
Right: 1750.728+/-0.758 χ^2/NDF : 59683.1/5

In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.728+/-0.758 χ^2/NDF : 59683.1/5

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3377.139+/-2754.921 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

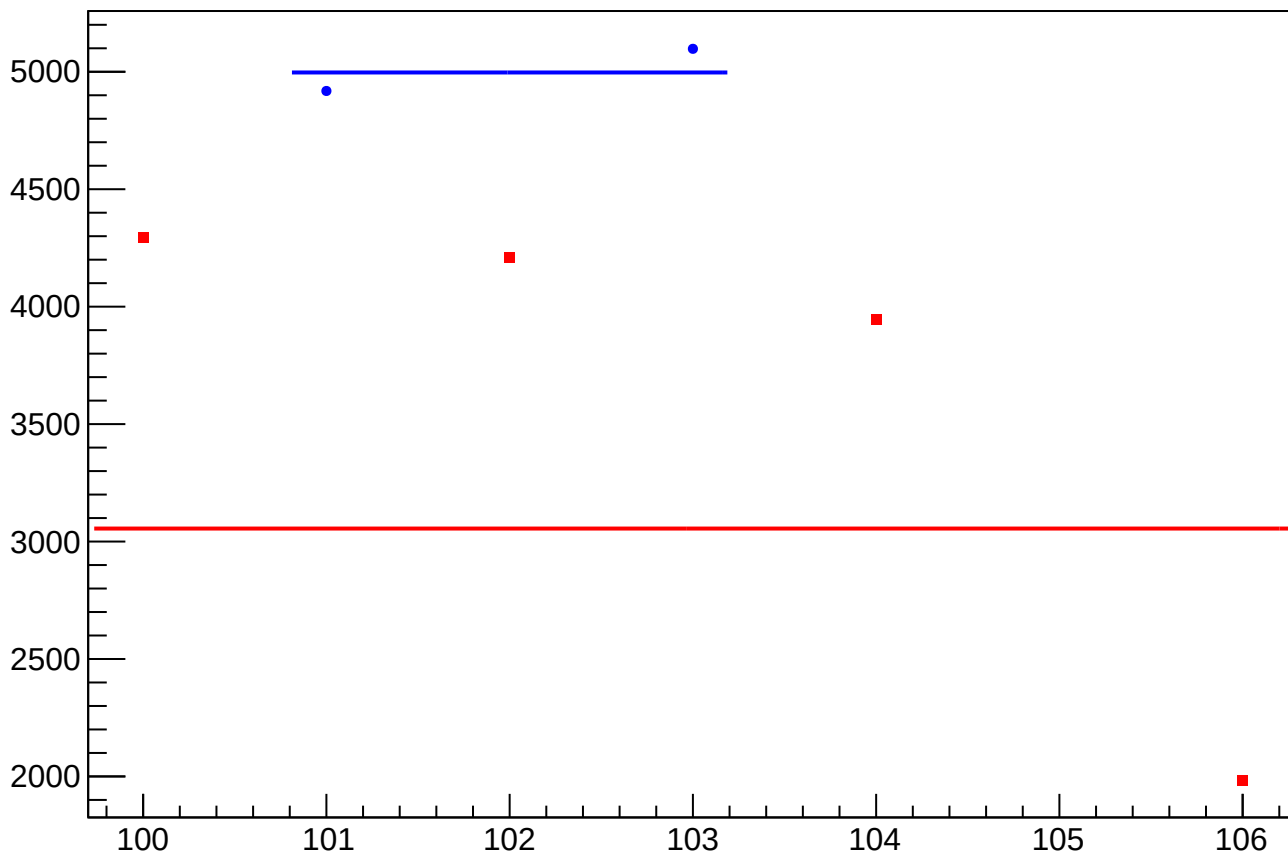
Right: -1399.674+/-2356.673 χ^2/NDF : 8.2/5

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1399.674+/-2356.673 χ^2/NDF : 8.2/5

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3055.343+/-1.948 χ^2/NDF : 297142.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

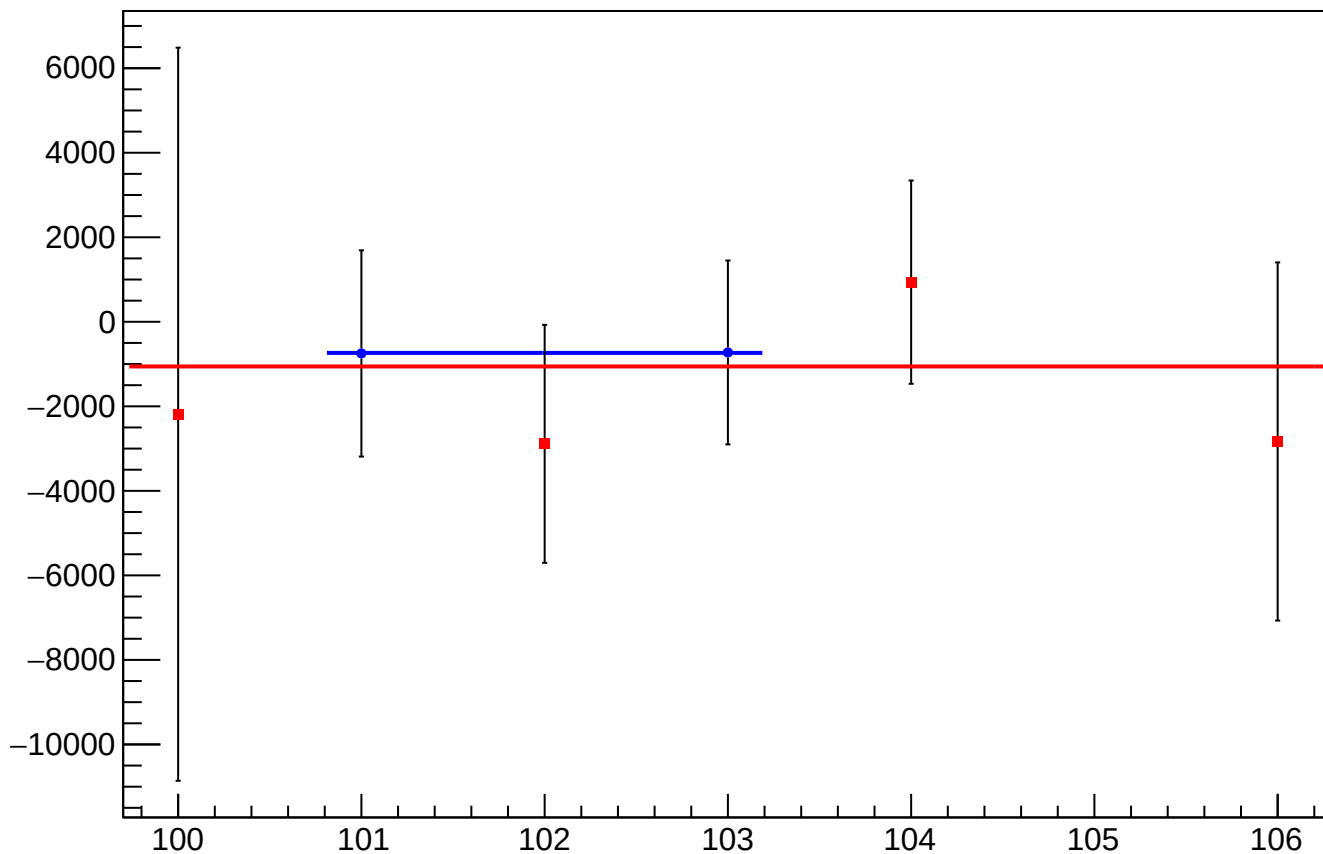
Right: 3576.142+/-1.666 χ^2/NDF : 564386.3/5

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3576.142+/-1.666 χ^2/NDF : 564386.3/5

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -735.628+/-1623.711 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1056.618+/-1648.158 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

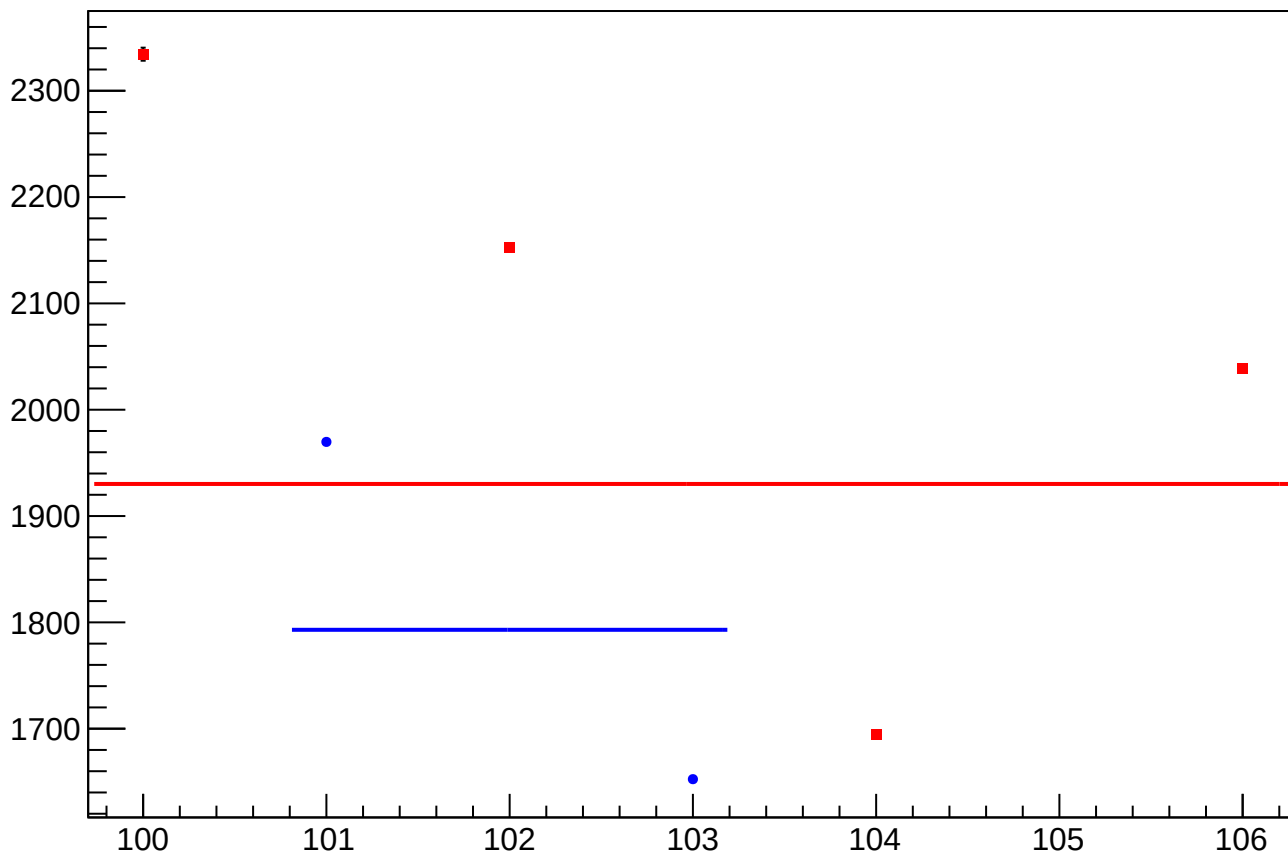
Right: -893.725+/-1156.683 χ^2/NDF : 1.3/5

In: -735.628+/-1623.711 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.725+/-1156.683 χ^2/NDF : 1.3/5

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1793.003+/-1.148 χ^2/NDF : 18834.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.177+/-1.148 χ^2/NDF : 37522.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

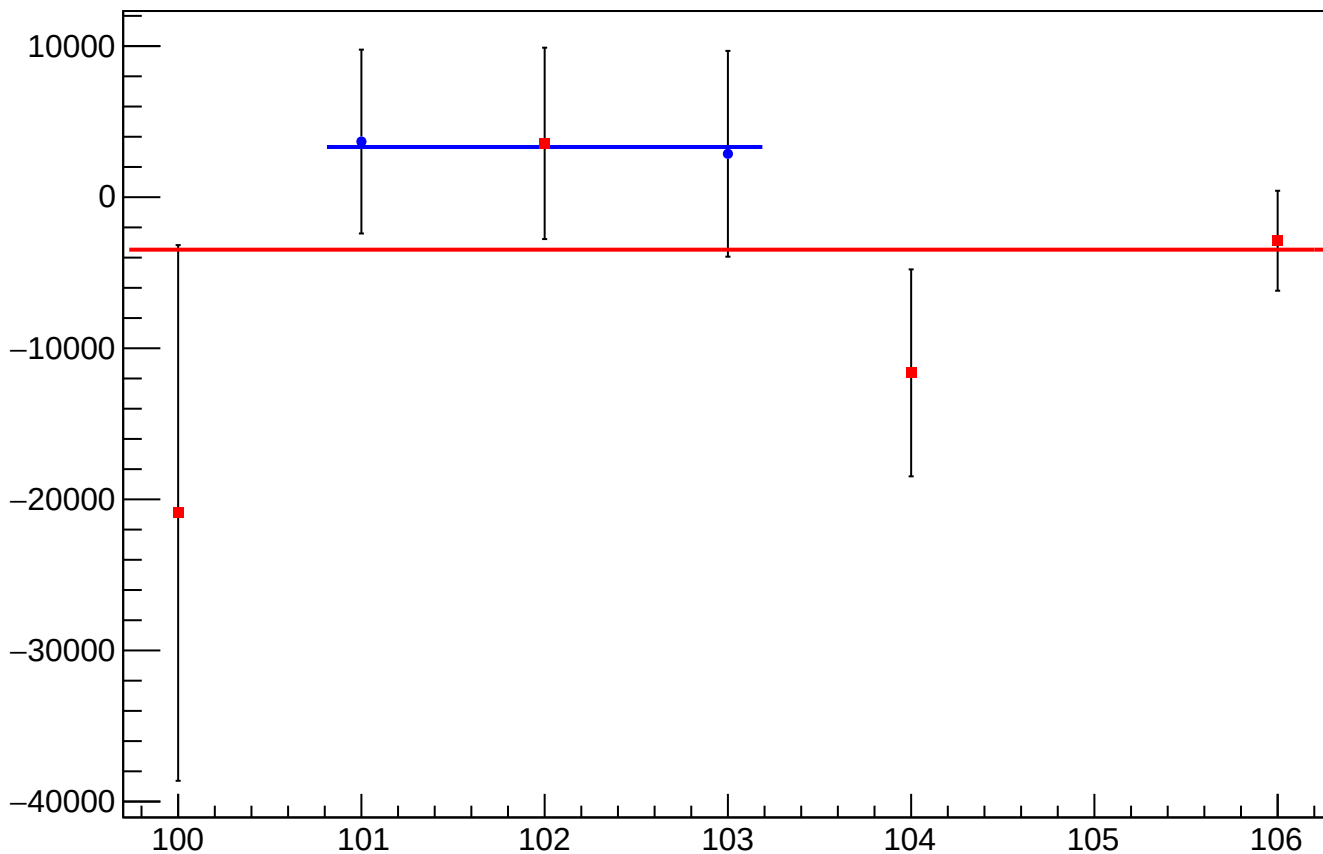
Right: 1861.589+/-0.812 χ^2/NDF : 63494.2/5

In: 1793.003+/-1.148 χ^2/NDF : 18834.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.589+/-0.812 χ^2/NDF : 63494.2/5

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3322.357 $\pm$ 4537.519 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3473.072 $\pm$ 2664.967 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

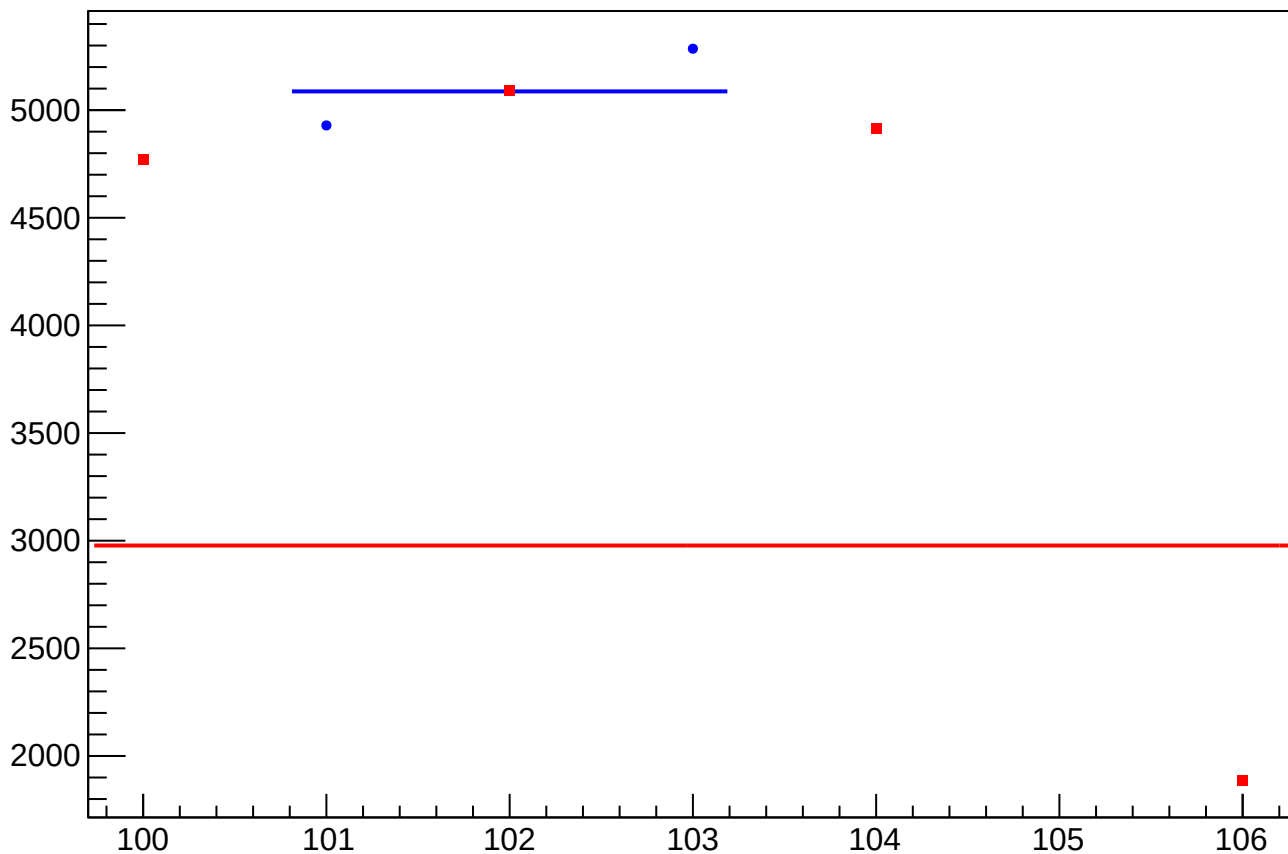
Right: -1730.222 $\pm$ 2297.947 χ^2 /NDF: 5.3/5

In: 3322.357 $\pm$ 4537.519 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1730.222 $\pm$ 2297.947 χ^2 /NDF: 5.3/5

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5087.107+/-3.209 χ^2/NDF : 3045.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2977.596+/-1.884 χ^2/NDF : 620201.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

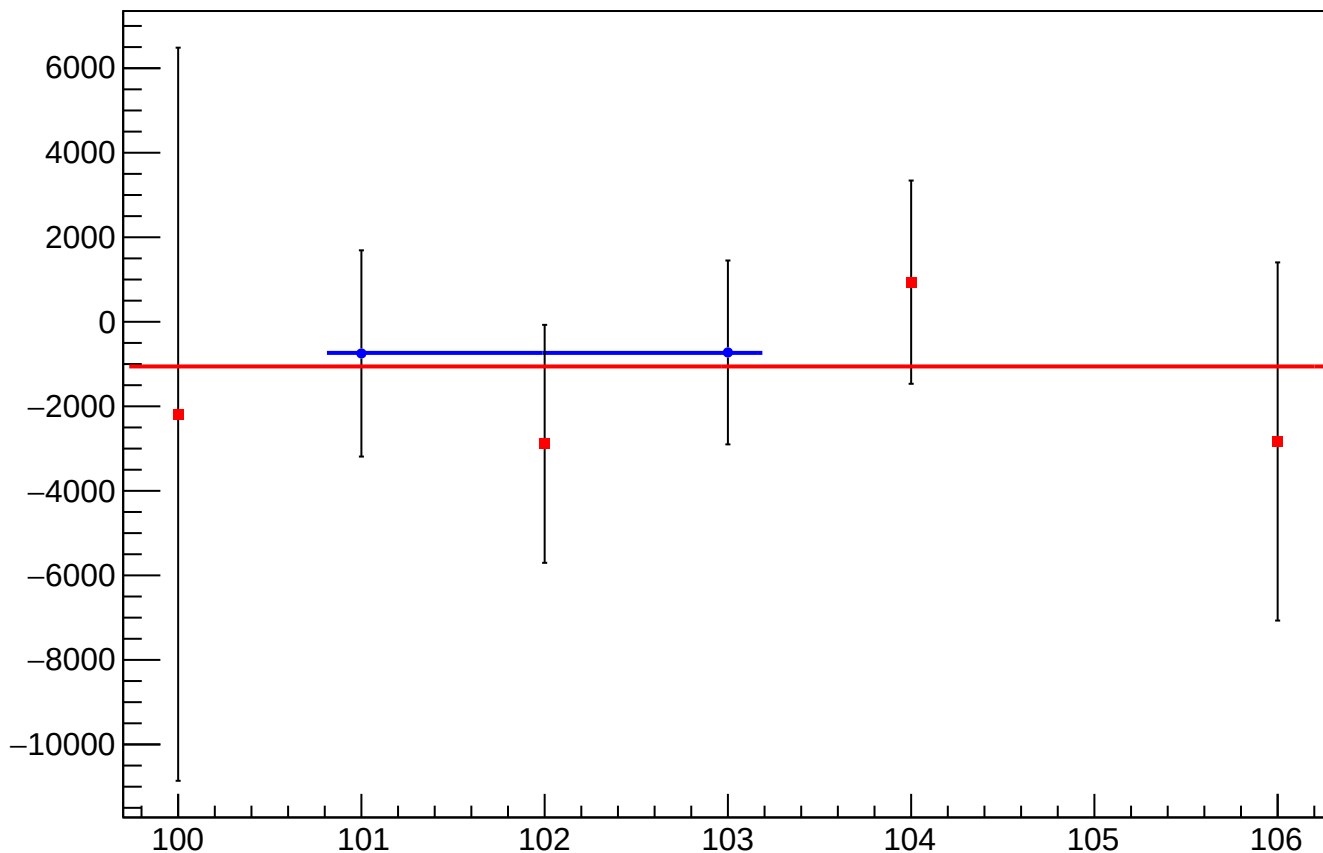
Right: 3518.630+/-1.625 χ^2/NDF : 944651.6/5

In: 5087.107+/-3.209 χ^2/NDF :3045.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3518.630+/-1.625 χ^2/NDF : 944651.6/5

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -735.634+/-1623.709 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1056.625+/-1648.156 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

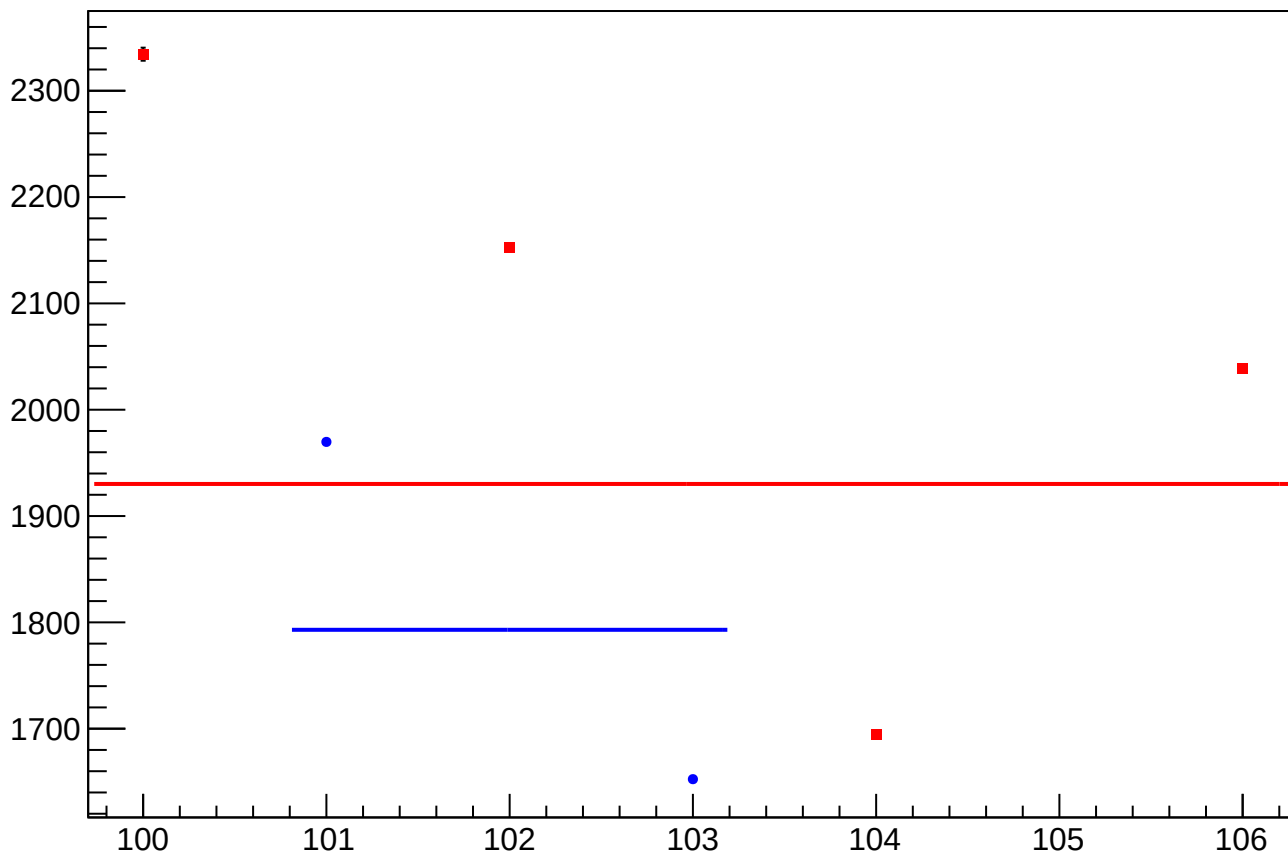
Right: -893.732+/-1156.682 χ^2/NDF : 1.3/5

In: -735.634+/-1623.709 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.732+/-1156.682 χ^2/NDF : 1.3/5

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1793.002+/-1.148 χ^2/NDF : 18834.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.175+/-1.148 χ^2/NDF : 37522.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

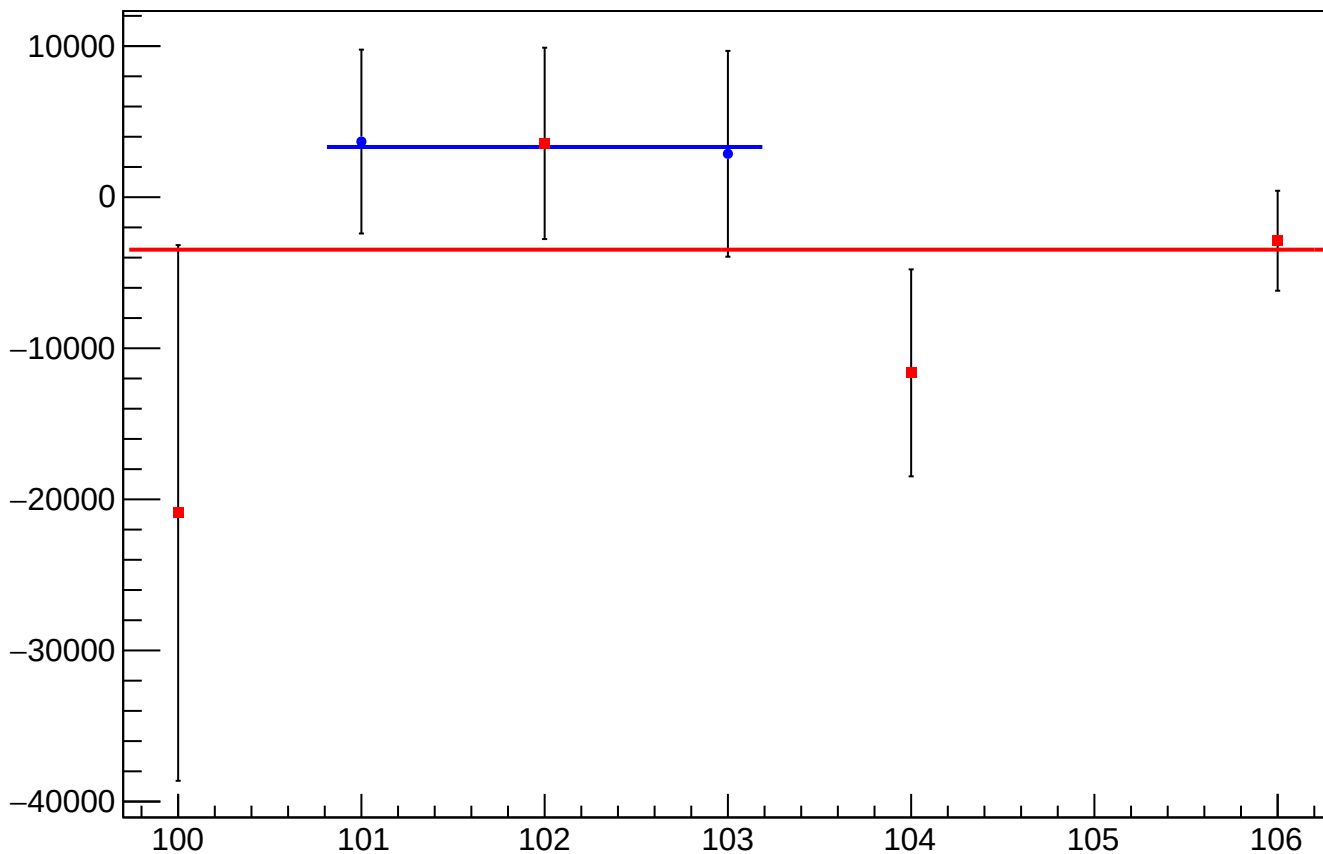
Right: 1861.587+/-0.812 χ^2/NDF : 63494.3/5

In: 1793.002+/-1.148 χ^2/NDF : 18834.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.587+/-0.812 χ^2/NDF : 63494.3/5

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3322.354+/-4537.518 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3473.065+/-2664.963 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

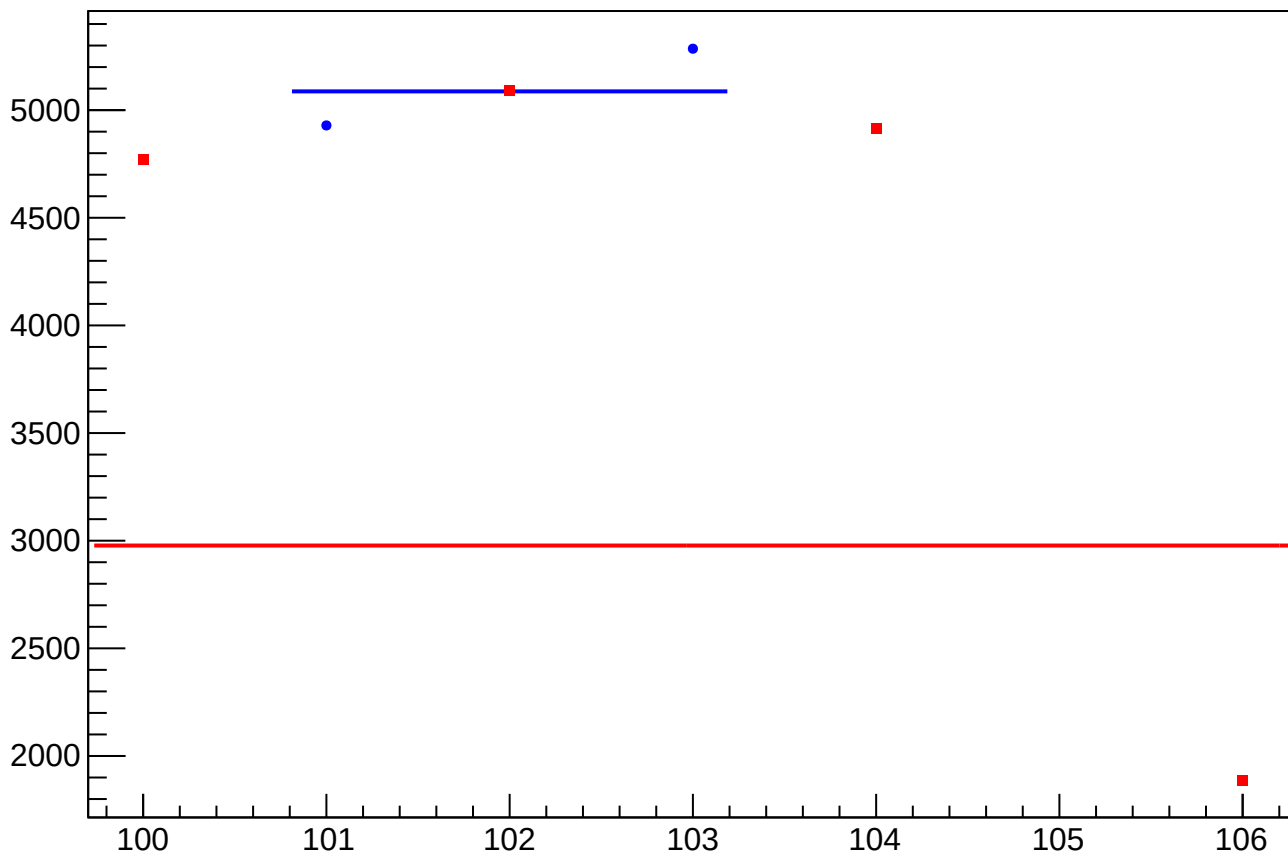
Right: -1730.222+/-2297.944 χ^2/NDF : 5.3/5

In: 3322.354+/-4537.518 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1730.222+/-2297.944 χ^2/NDF : 5.3/5

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5087.106+/-3.209 χ^2/NDF : 3045.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2977.588+/-1.884 χ^2/NDF : 620205.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

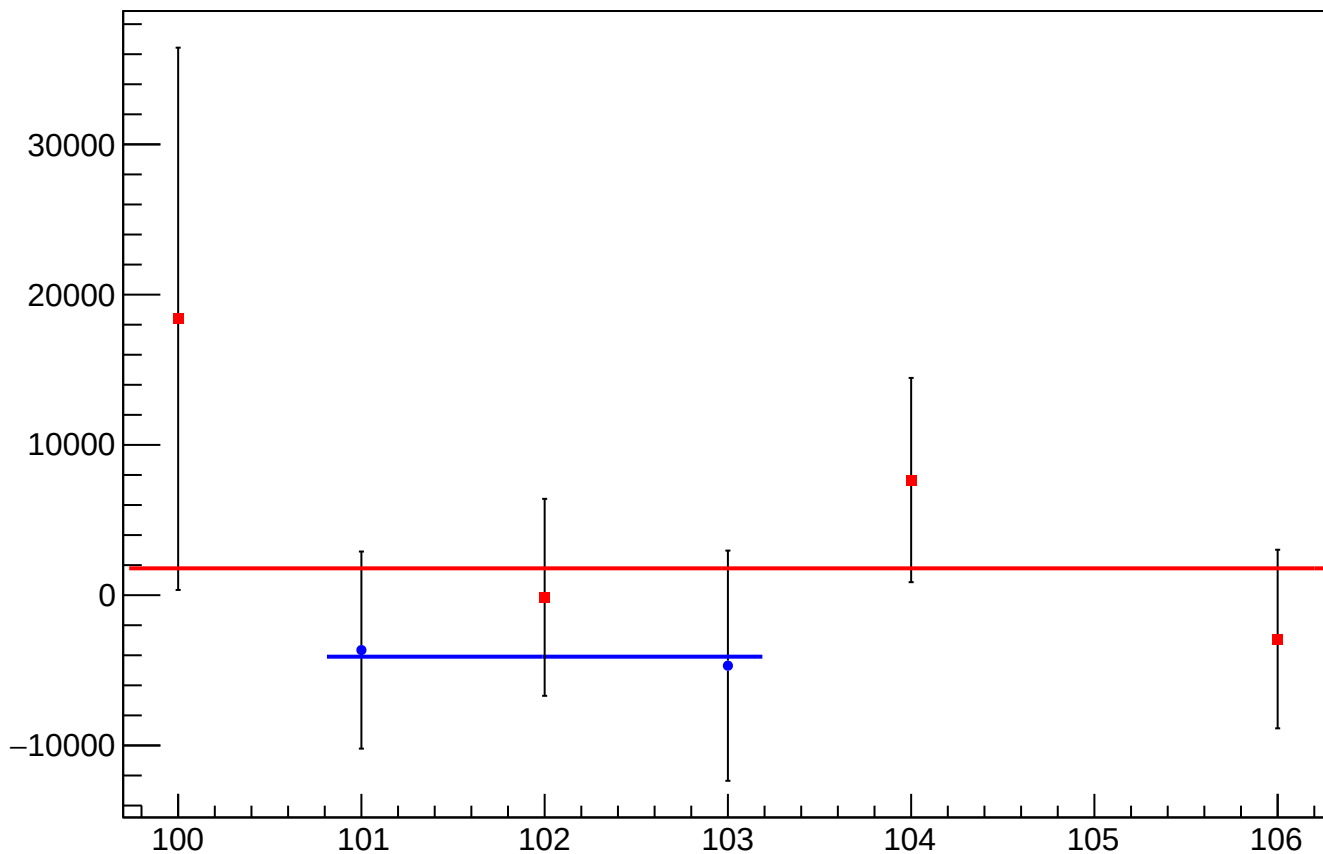
Right: 3518.623+/-1.625 χ^2/NDF : 944658.9/5

In: 5087.106+/-3.209 χ^2/NDF : 3045.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3518.623+/-1.625 χ^2/NDF : 944658.9/5

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -4092.553 $\pm$ 4981.843 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1786.725 $\pm$ 3619.805 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

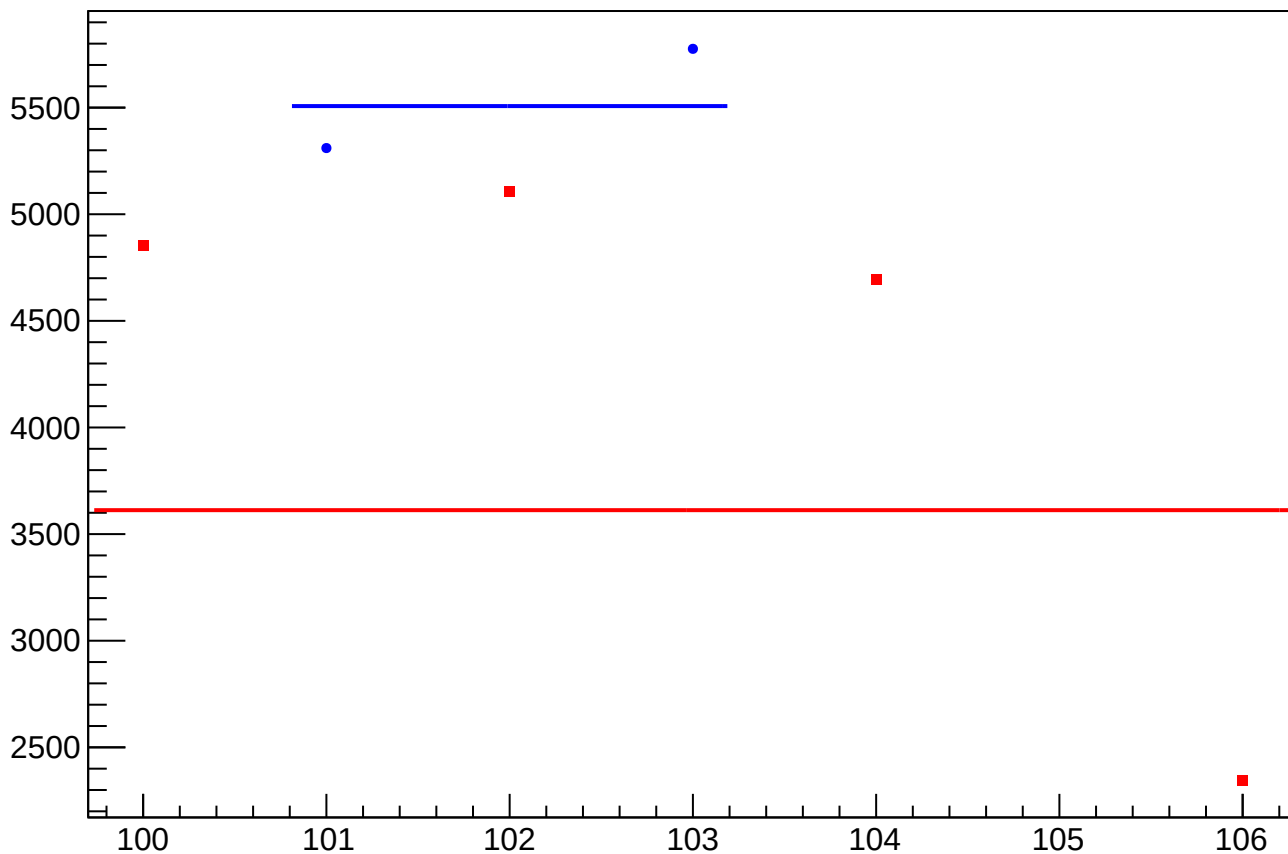
Right: -244.725 $\pm$ 2928.405 χ^2 /NDF: 3.2/5

In: -4092.553 $\pm$ 4981.843 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -244.725 $\pm$ 2928.405 χ^2 /NDF: 3.2/5

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 5507.195+/-3.523 χ^2/NDF : 4259.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3612.278+/-2.270 χ^2/NDF : 321377.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

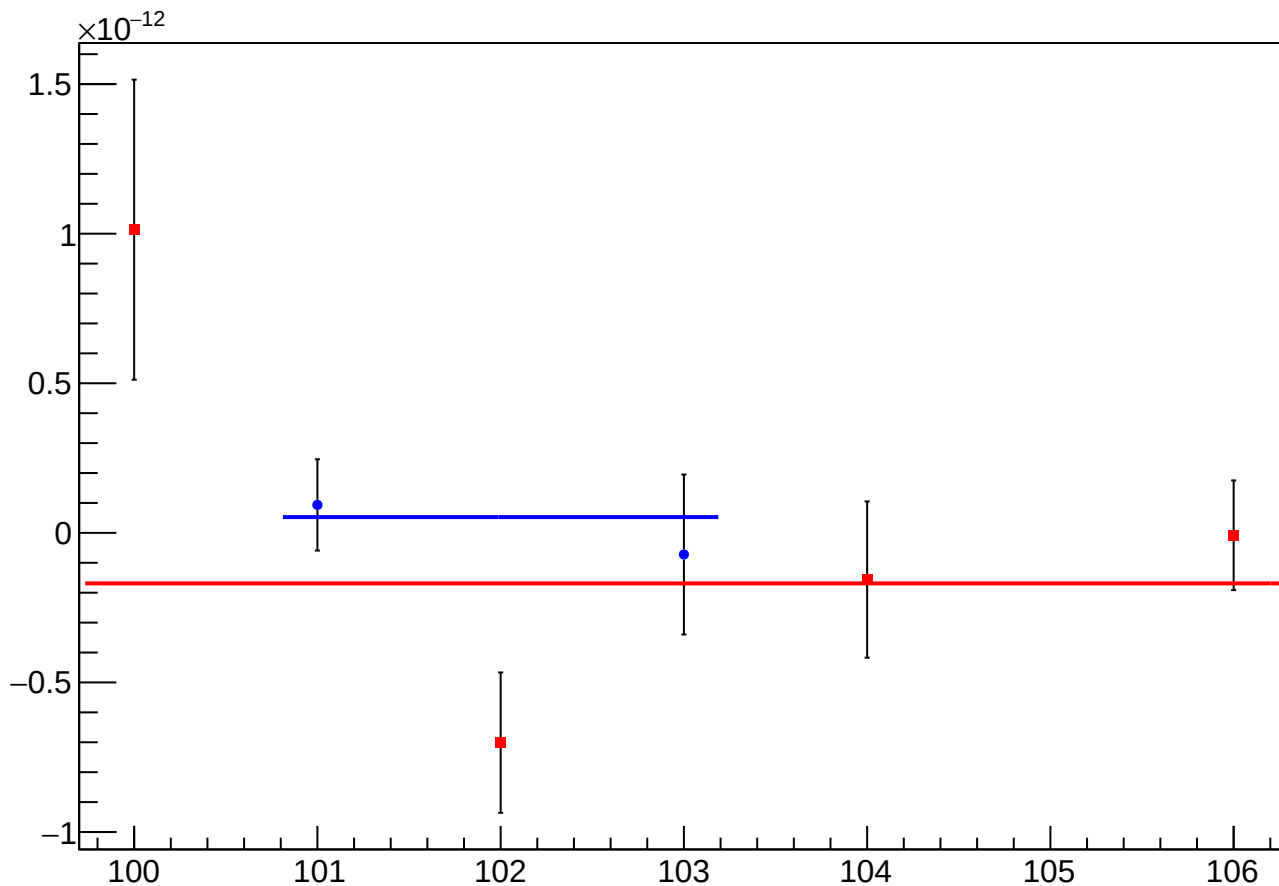
Right: 4168.339+/-1.908 χ^2/NDF : 530091.6/5

In: 5507.195+/-3.523 χ^2/NDF : 4259.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4168.339+/-1.908 χ^2/NDF : 530091.6/5

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

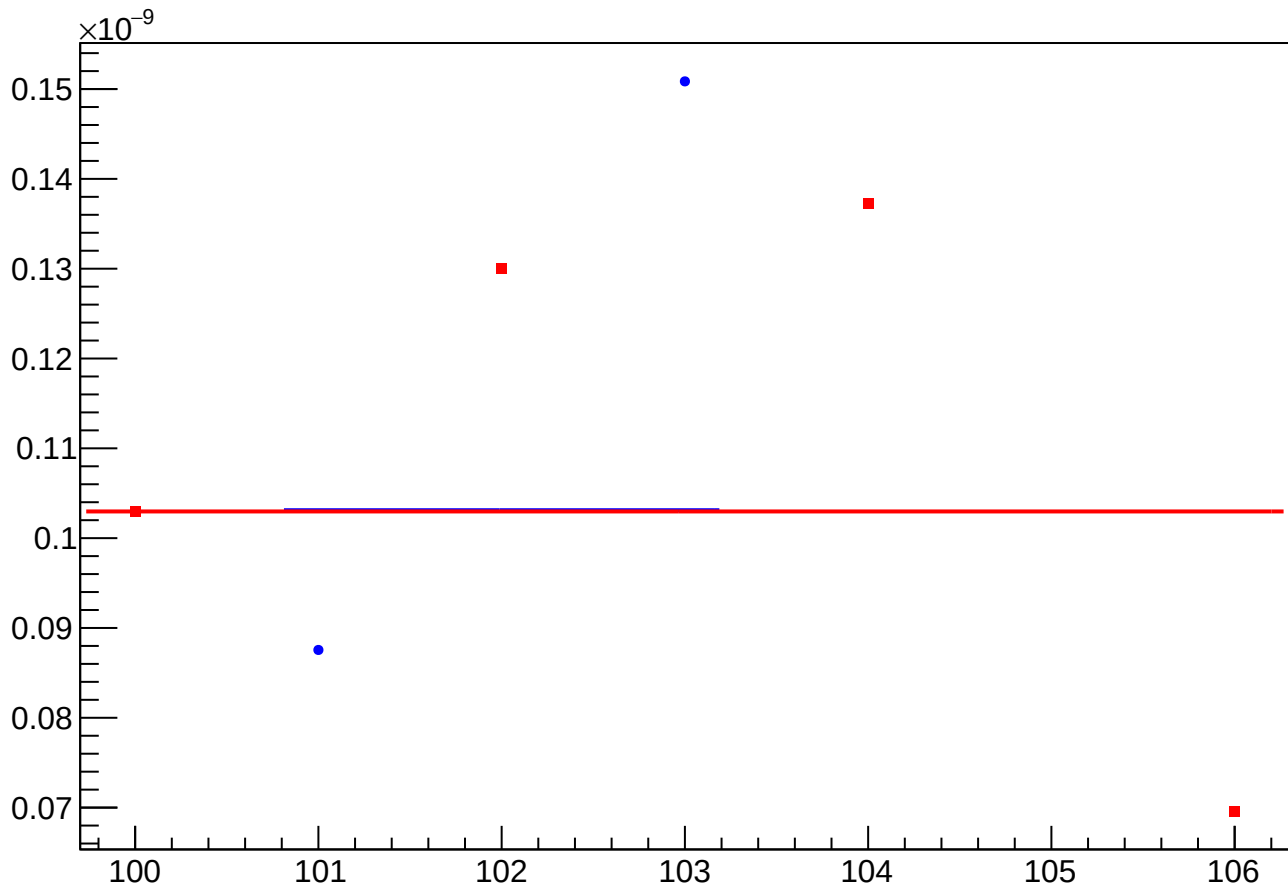
Right: -0.000+/-0.000 χ^2/NDF : 13.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/5

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 84550.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 127498.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

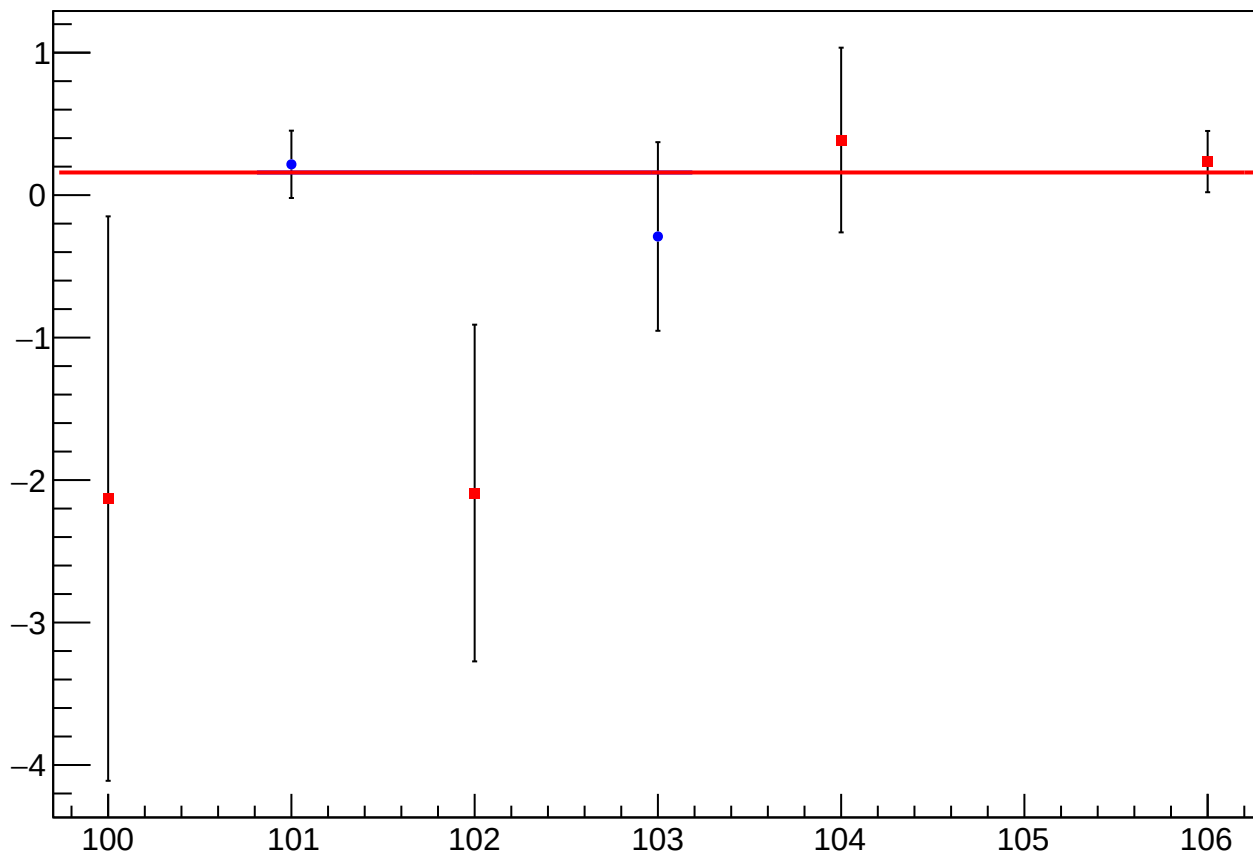
Right: 0.000+/-0.000 χ^2/NDF : 212050.1/5

In: 0.000+/-0.000 χ^2/NDF : 84550.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 212050.1/5

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.159 $\pm$ 0.200 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

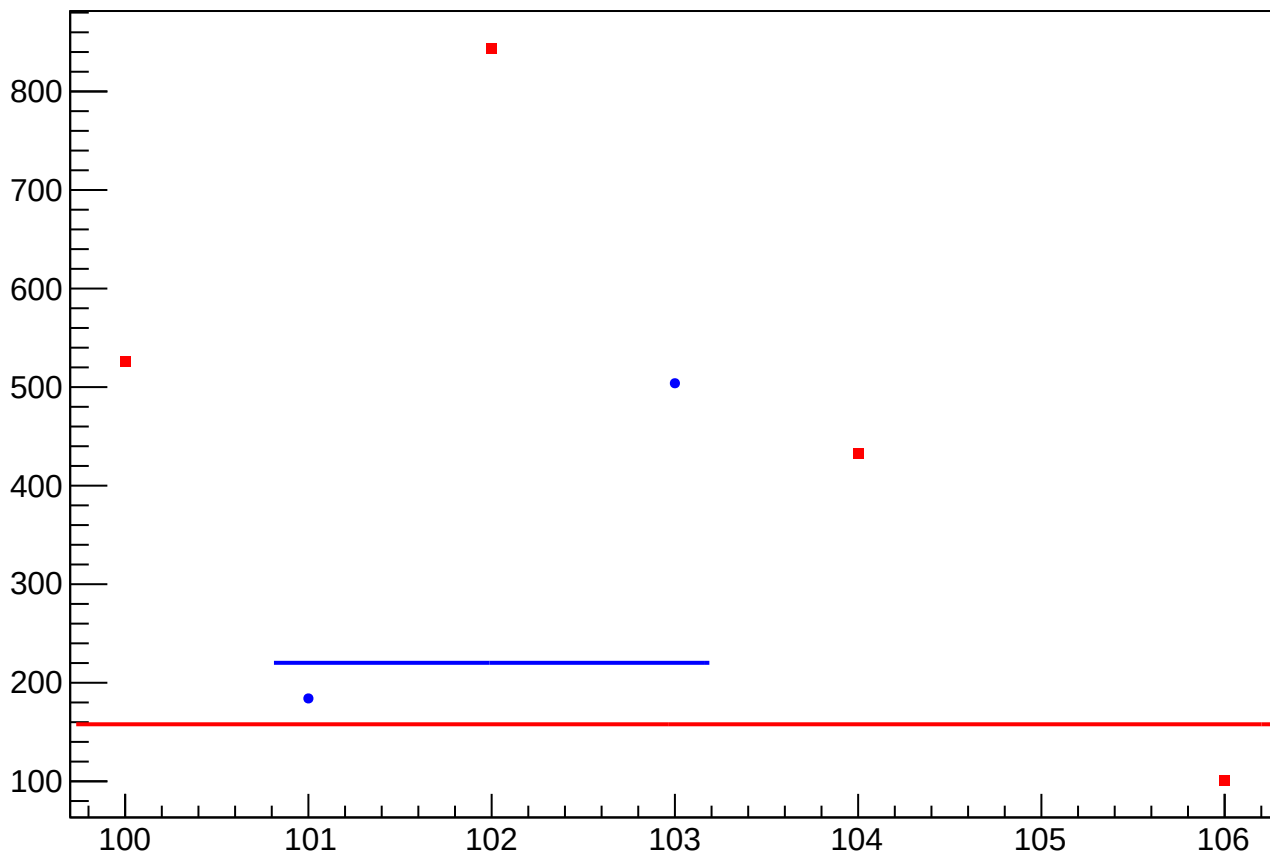
Right: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.871+/-0.141 χ^2/NDF : 1242334.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

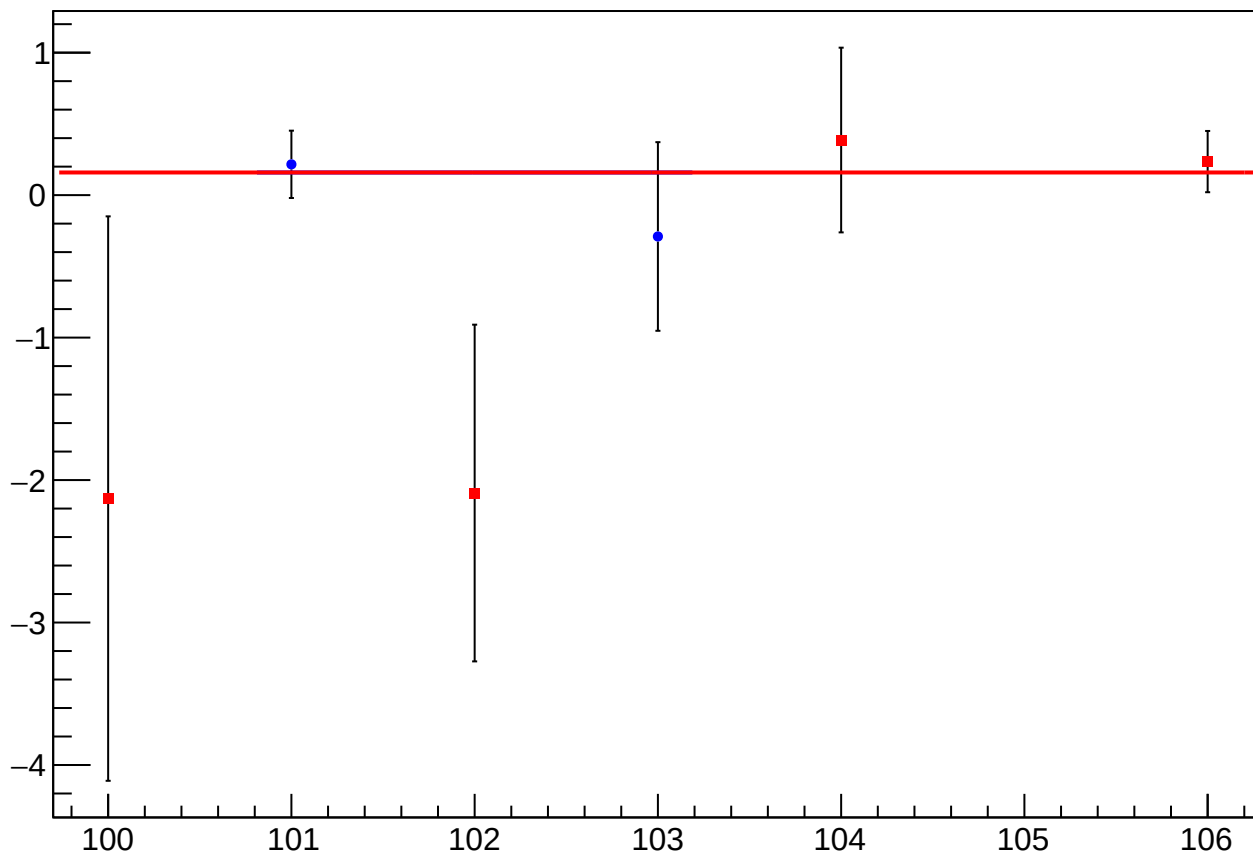
Right: 185.743+/-0.105 χ^2/NDF : 1743222.5/5

In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.743+/-0.105 χ^2/NDF : 1743222.5/5

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.159 $\pm$ 0.200 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

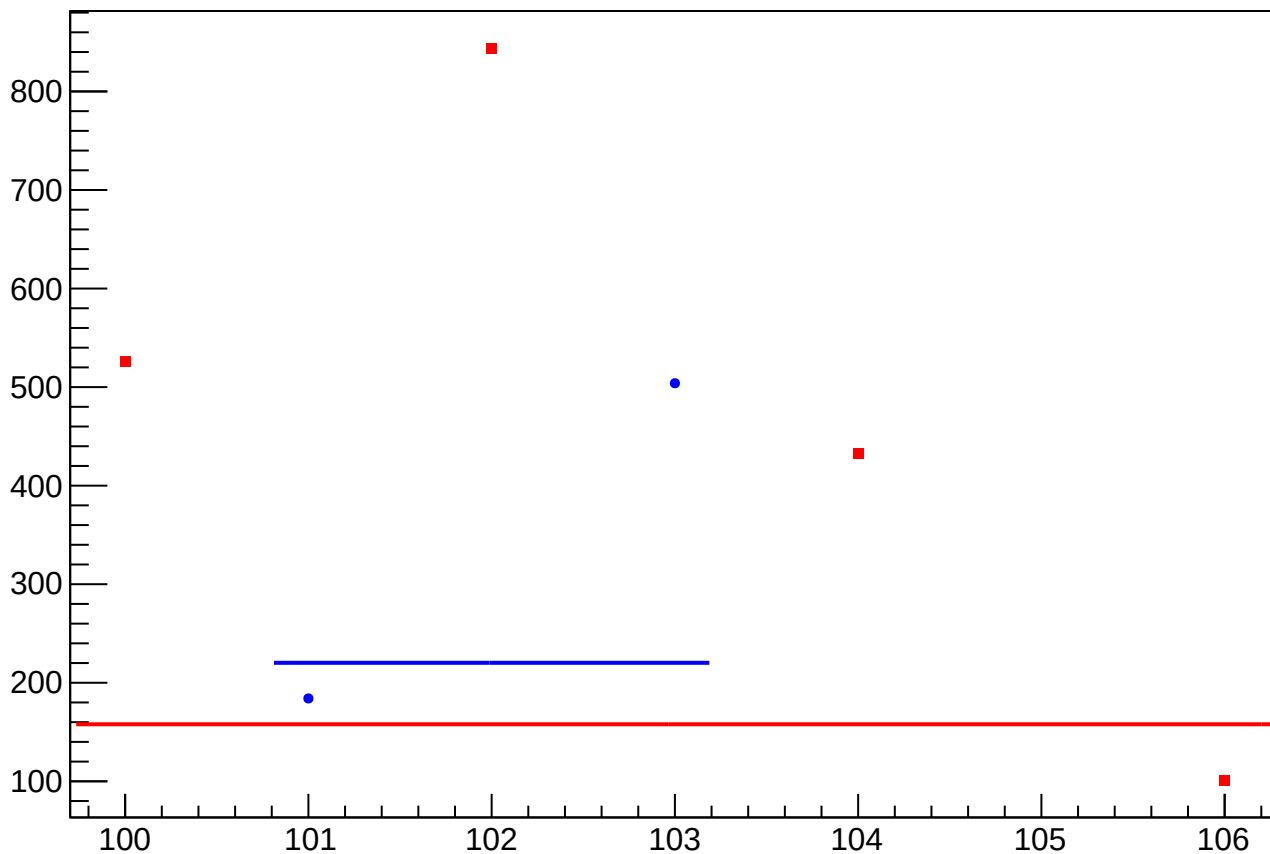
Right: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.871+/-0.141 χ^2/NDF : 1242334.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

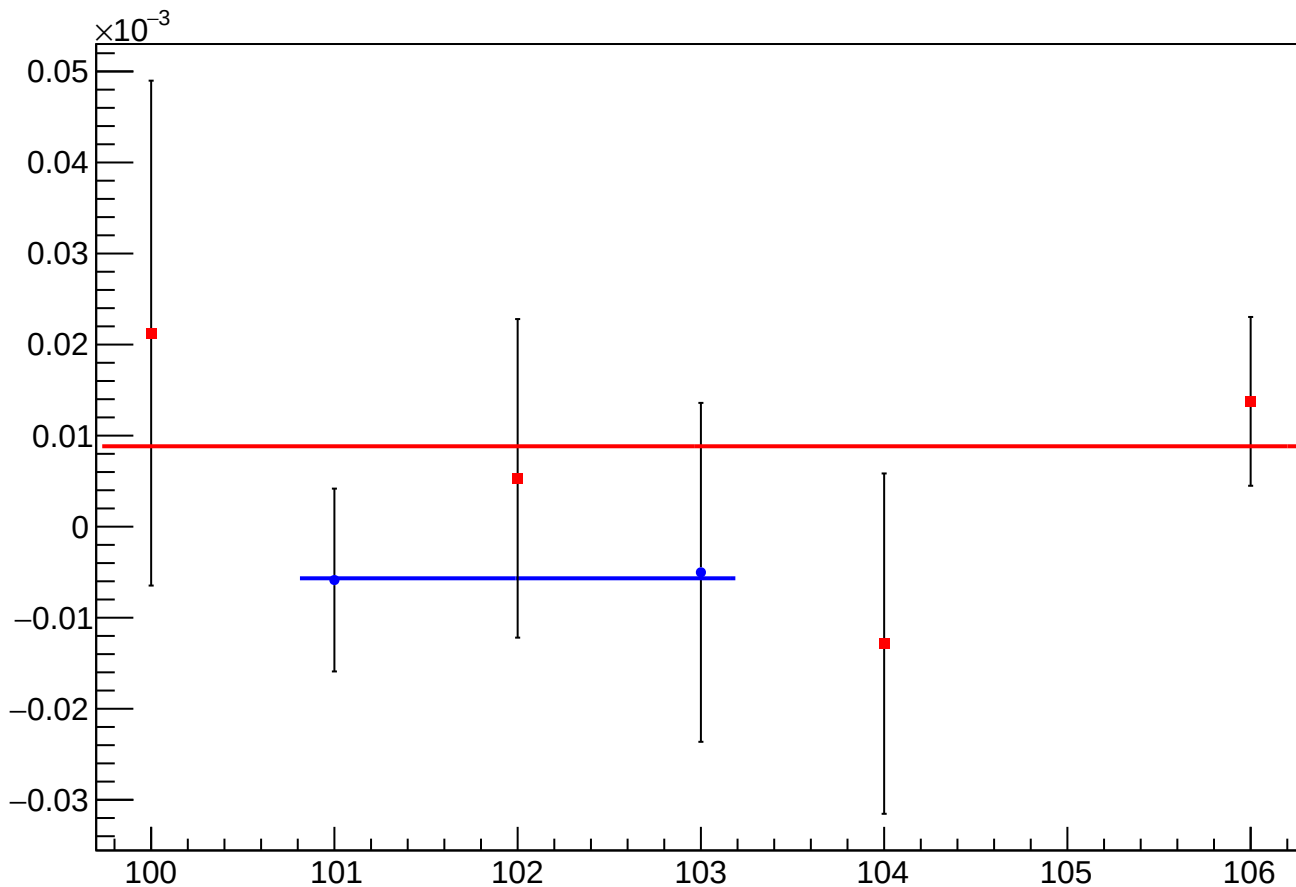
Right: 185.743+/-0.105 χ^2/NDF : 1743222.5/5

In: 220.238+/-0.157 χ^2/NDF :414007.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 185.743+/-0.105 χ^2/NDF : 1743222.5/5

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

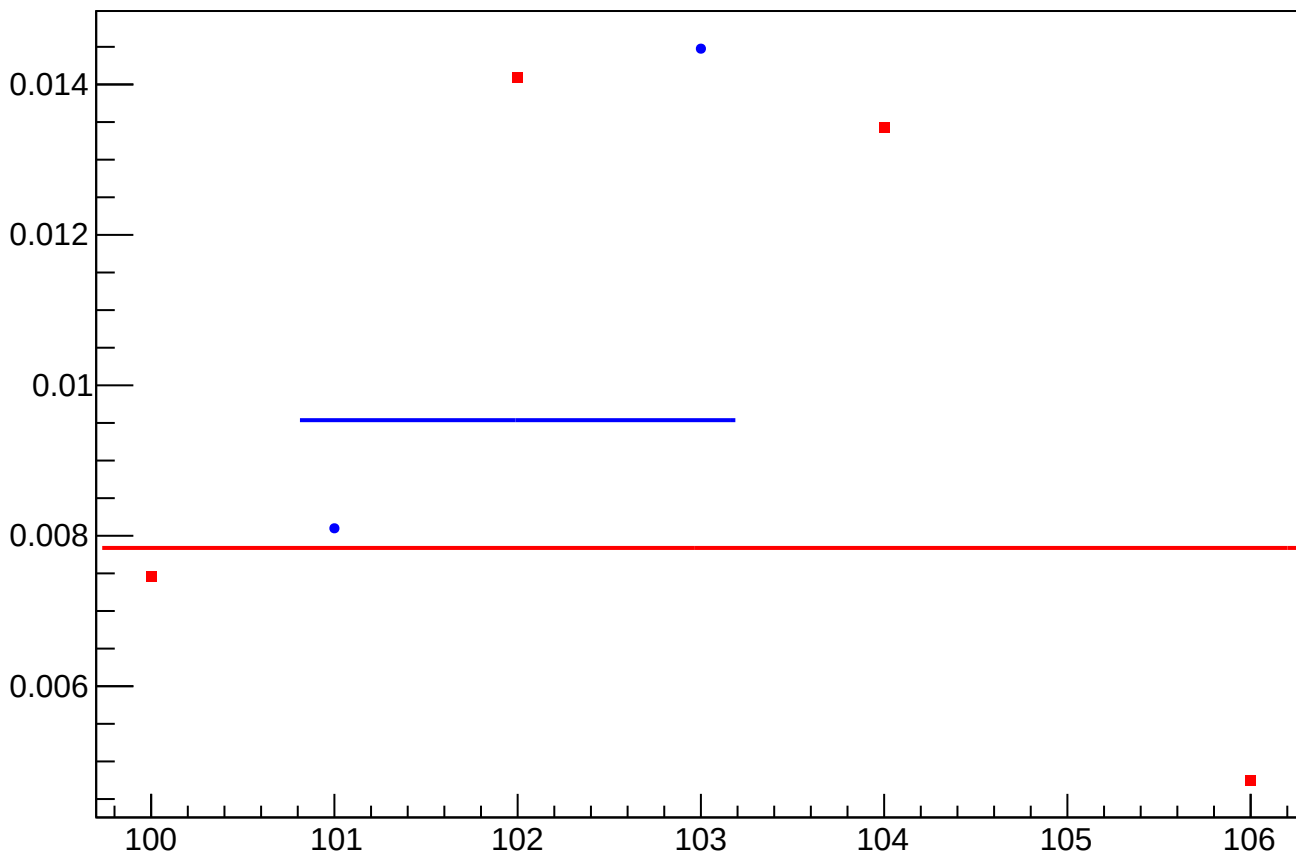
Right: 0.000+/-0.000 χ^2/NDF : 3.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.5/5

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 181813.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 656851.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

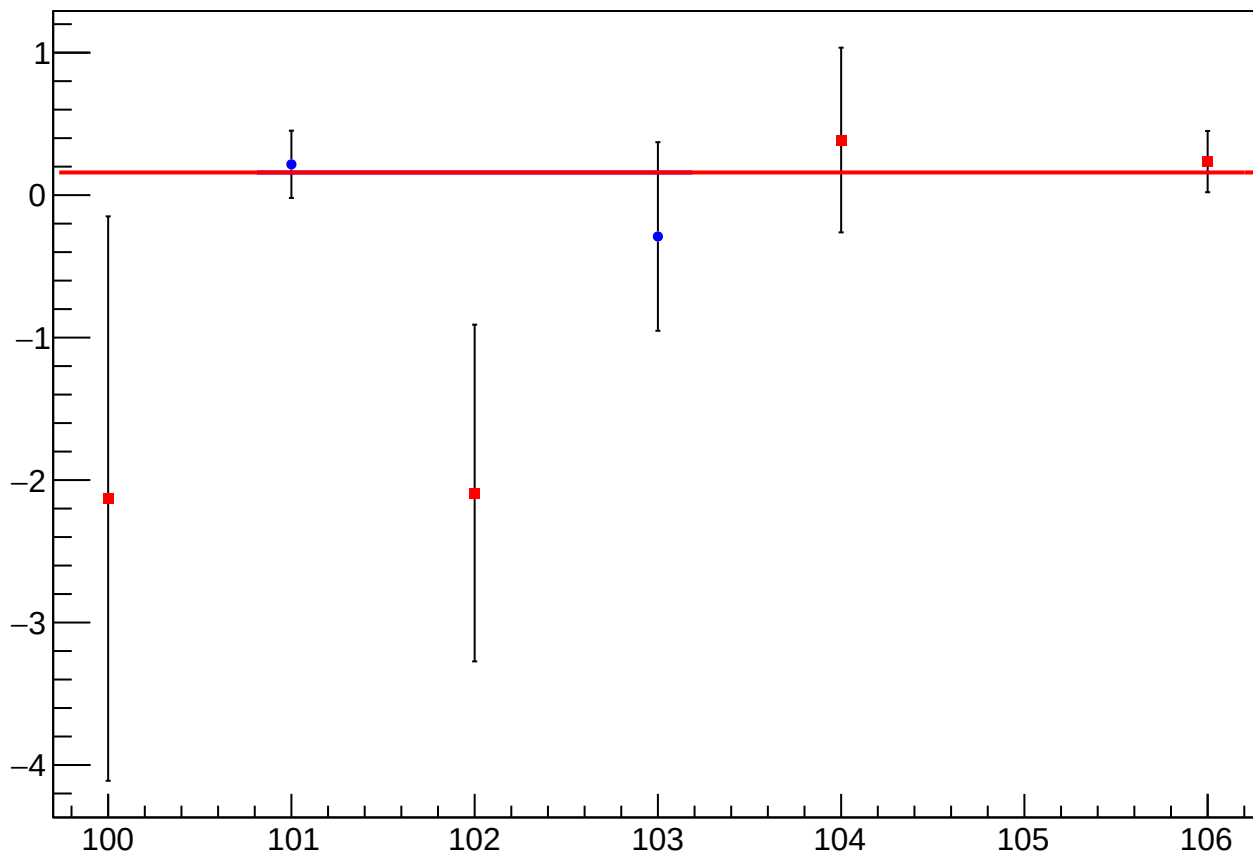
Right: 0.009+/-0.000 χ^2/NDF : 882868.3/5

In: 0.010+/-0.000 χ^2/NDF : 181813.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 882868.3/5

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.159 $\pm$ 0.200 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

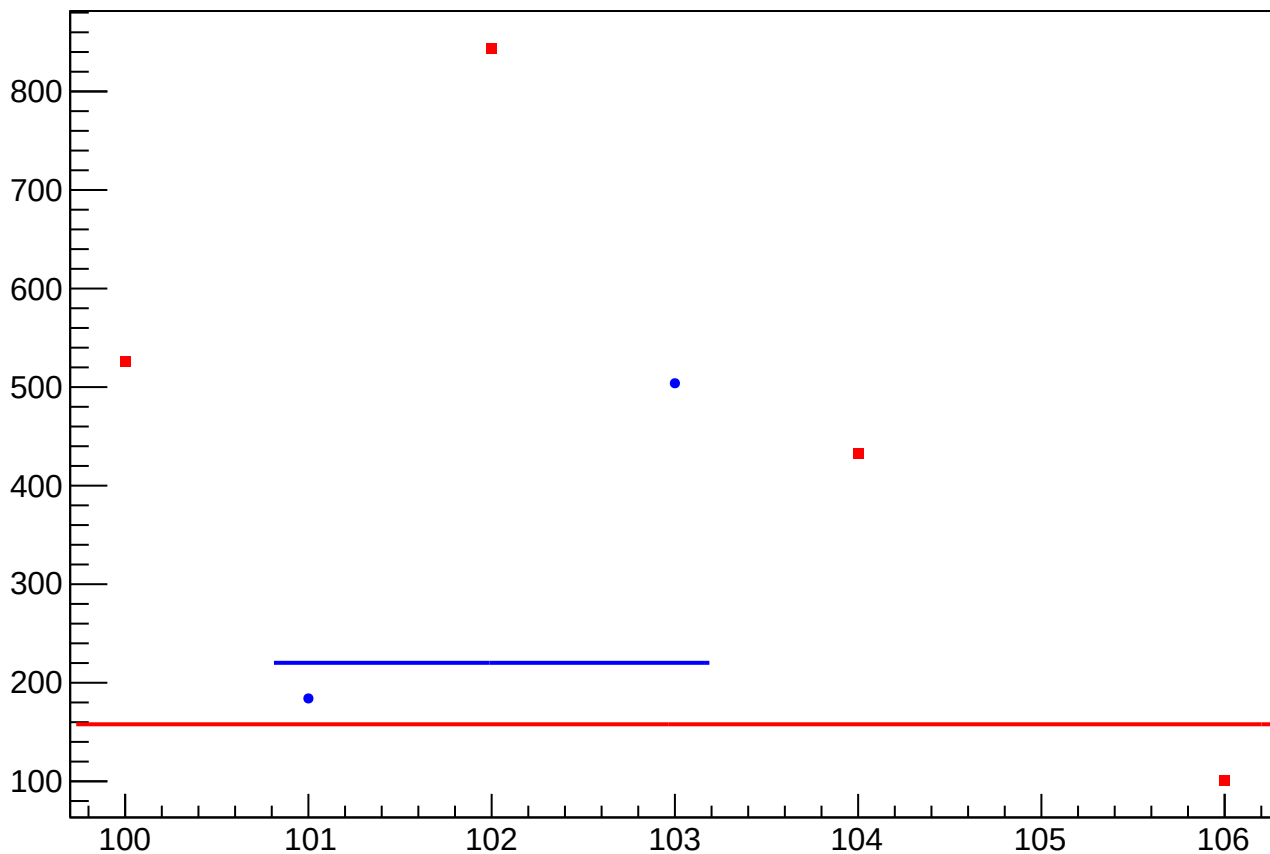
Right: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.868+/-0.141 χ^2/NDF : 1242334.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

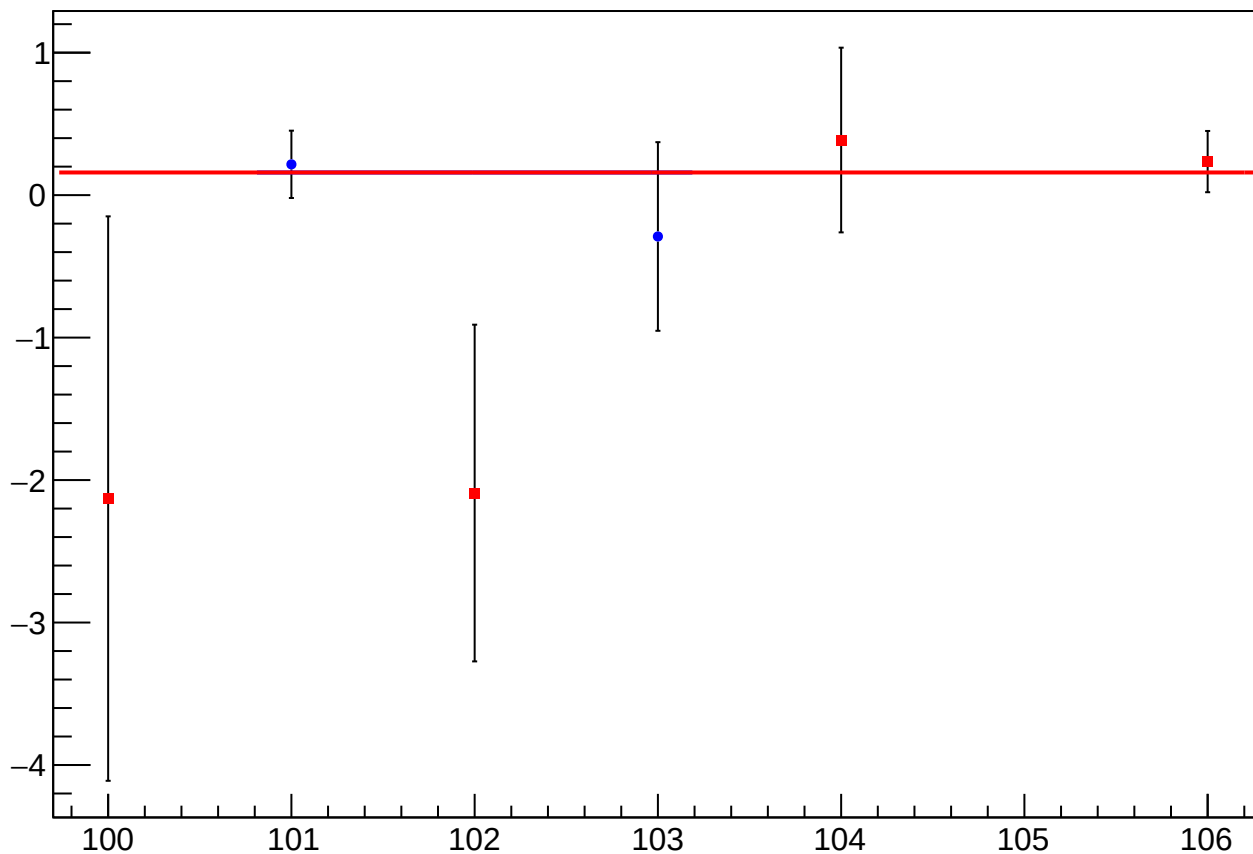
Right: 185.739+/-0.105 χ^2/NDF : 1743222.2/5

In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.739+/-0.105 χ^2/NDF : 1743222.2/5

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.159 $\pm$ 0.200 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

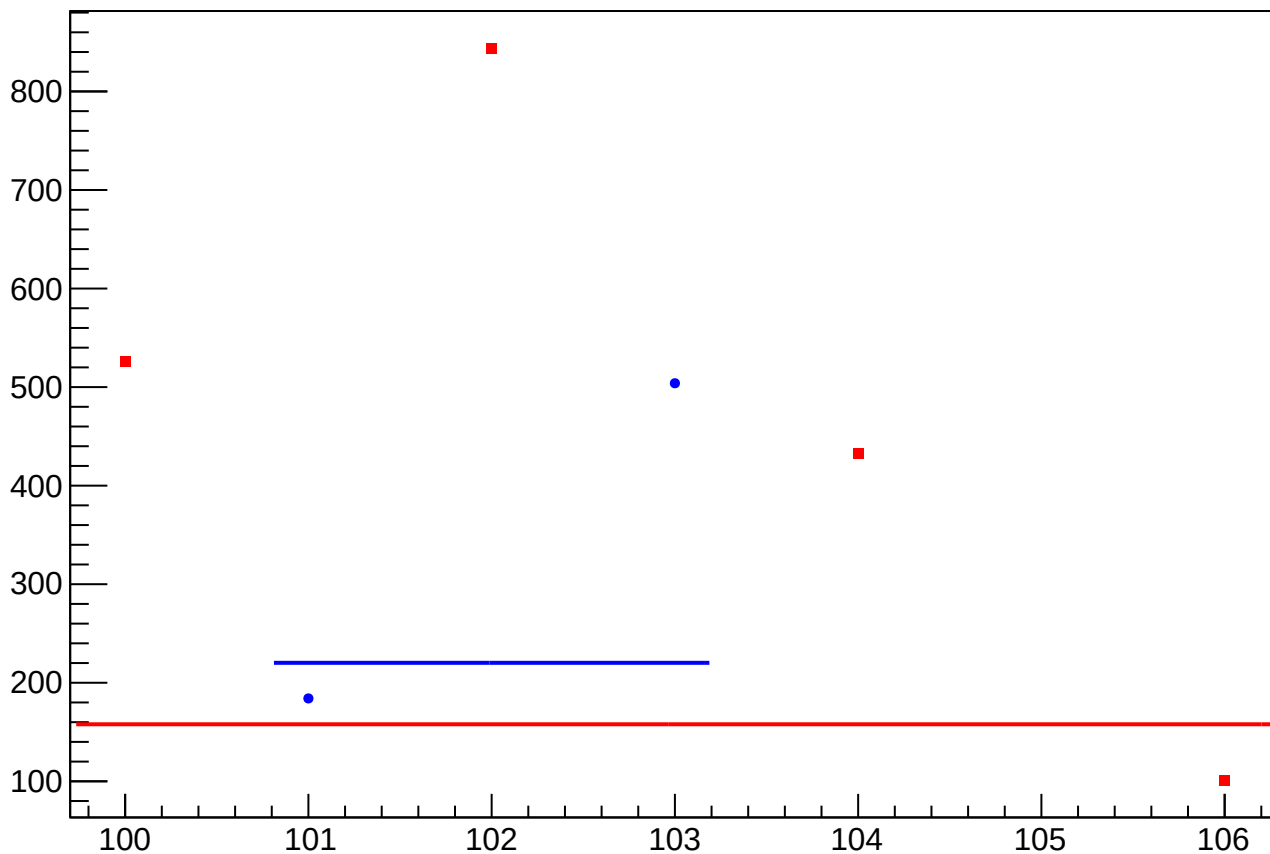
Right: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.159 $\pm$ 0.149 χ^2 /NDF: 5.7/5

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 157.868+/-0.141 χ^2/NDF : 1242334.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

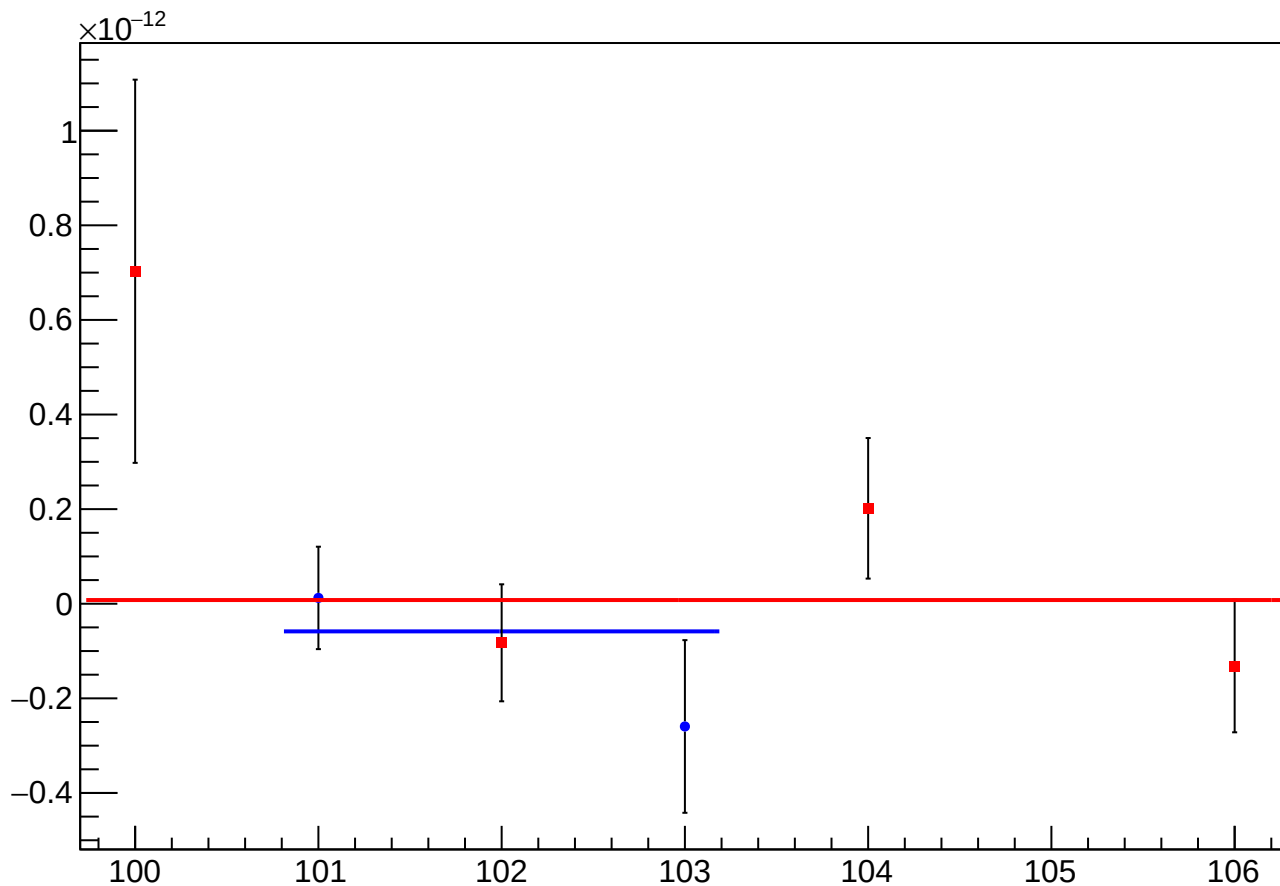
Right: 185.739+/-0.105 χ^2/NDF : 1743222.2/5

In: 220.235+/-0.157 χ^2/NDF :414006.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 185.739+/-0.105 χ^2/NDF : 1743222.2/5

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

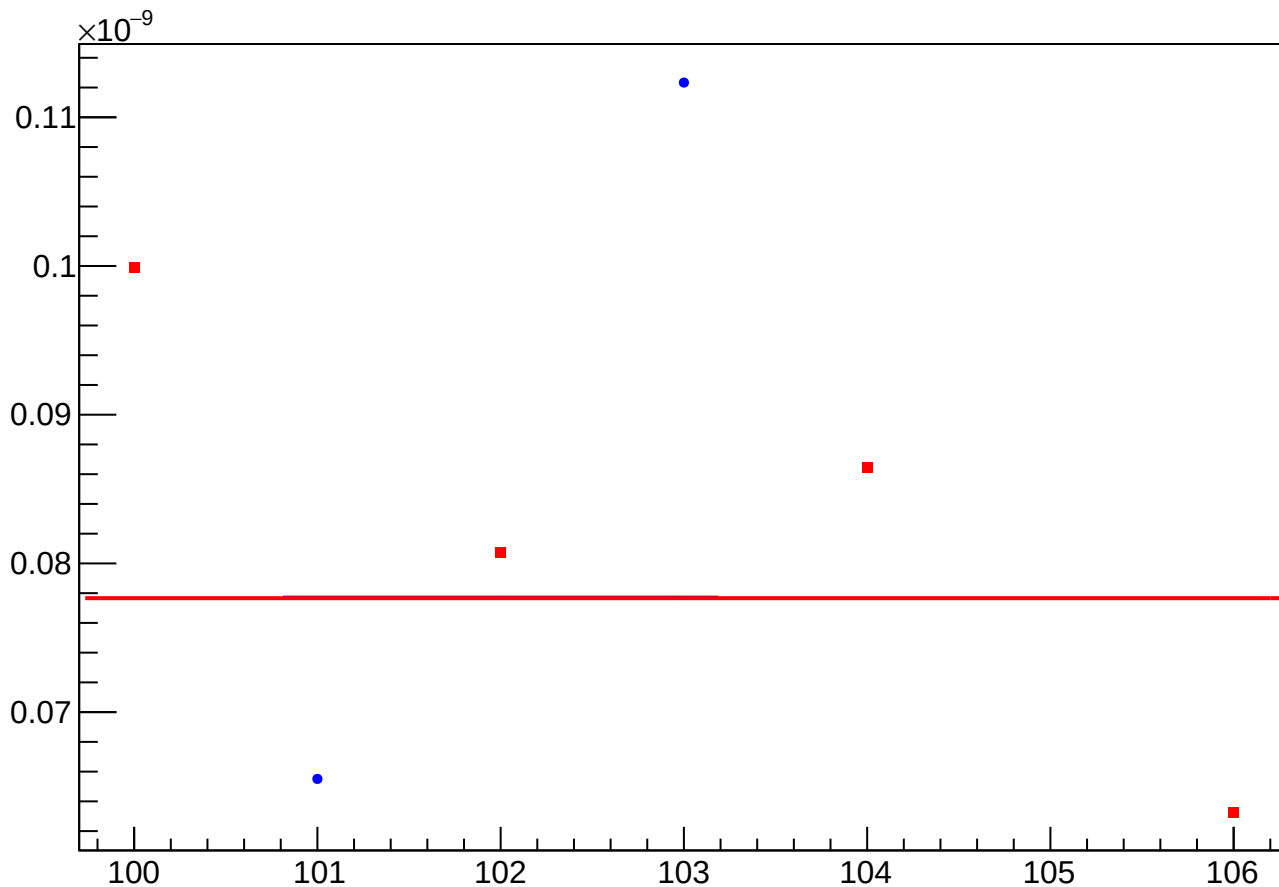
Right: -0.000+/-0.000 χ^2/NDF : 8.1/5

In: -0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.1/5

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 97373.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 35375.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

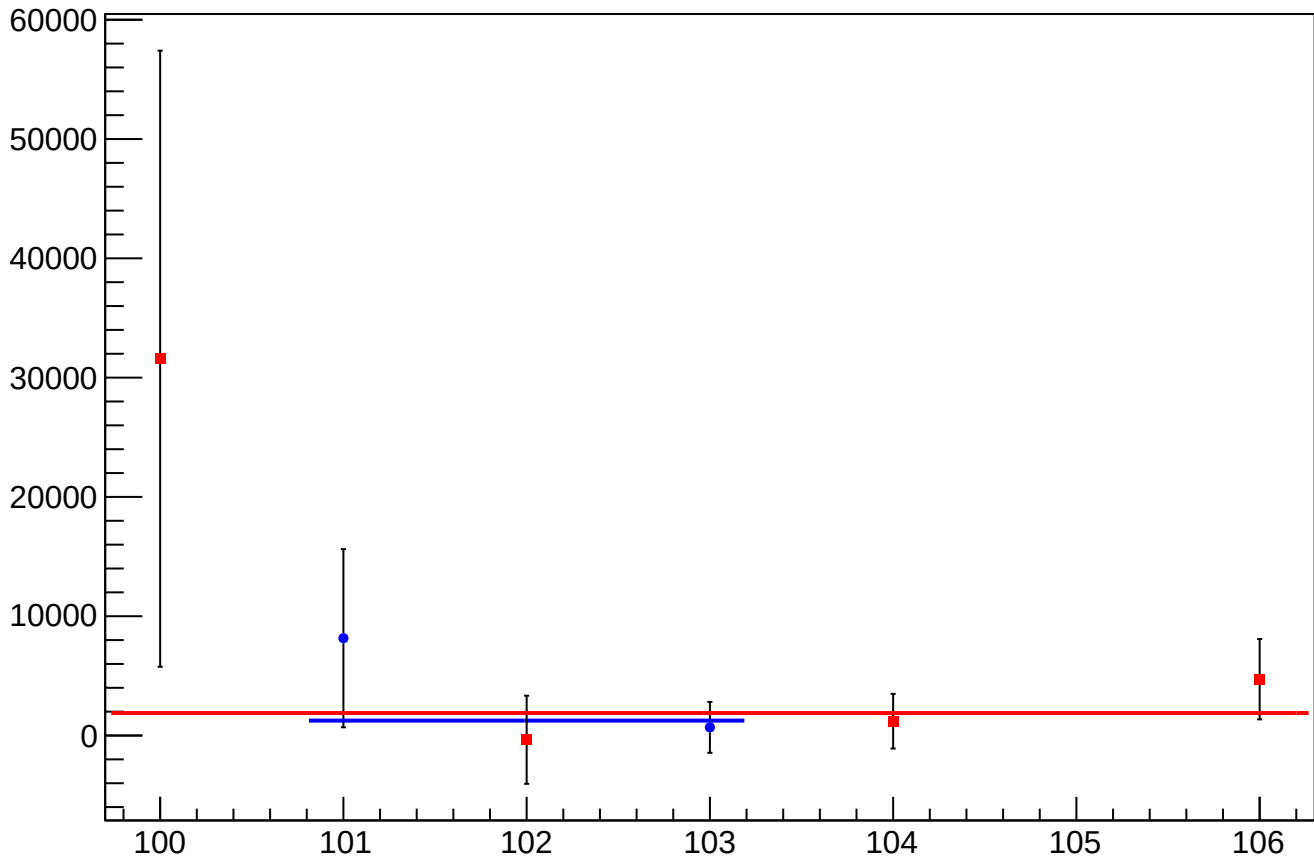
Right: 0.000+/-0.000 χ^2 /NDF: 132748.9/5

In: 0.000+/-0.000 χ^2 /NDF:97373.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 132748.9/5

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1248.685+/-2052.436 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.175+/-1681.935 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

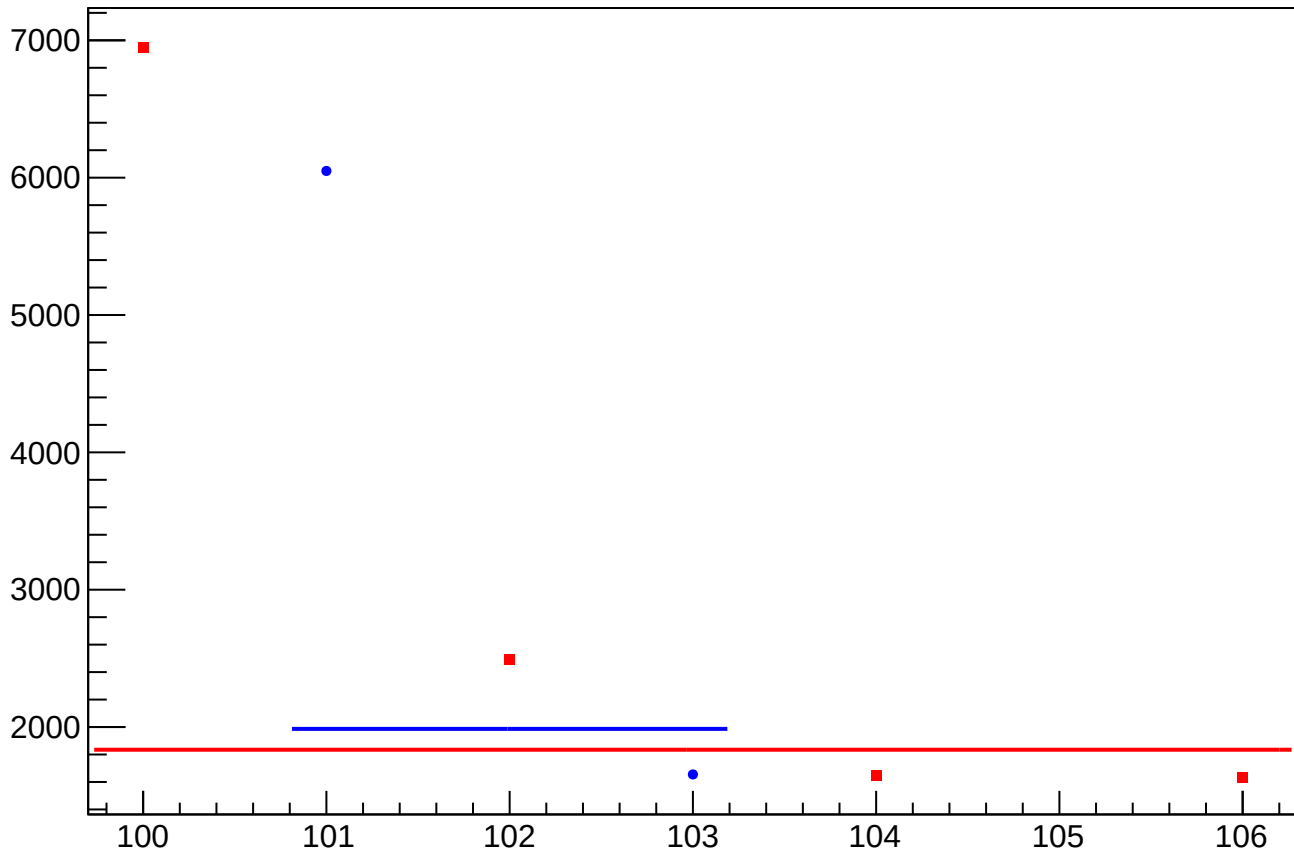
Right: 1628.865+/-1300.917 χ^2/NDF : 3.5/5

In: 1248.685+/-2052.436 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1628.865+/-1300.917 χ^2/NDF : 3.5/5

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.616+/-1.451 χ^2/NDF : 640012.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.758+/-1.167 χ^2/NDF : 162775.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

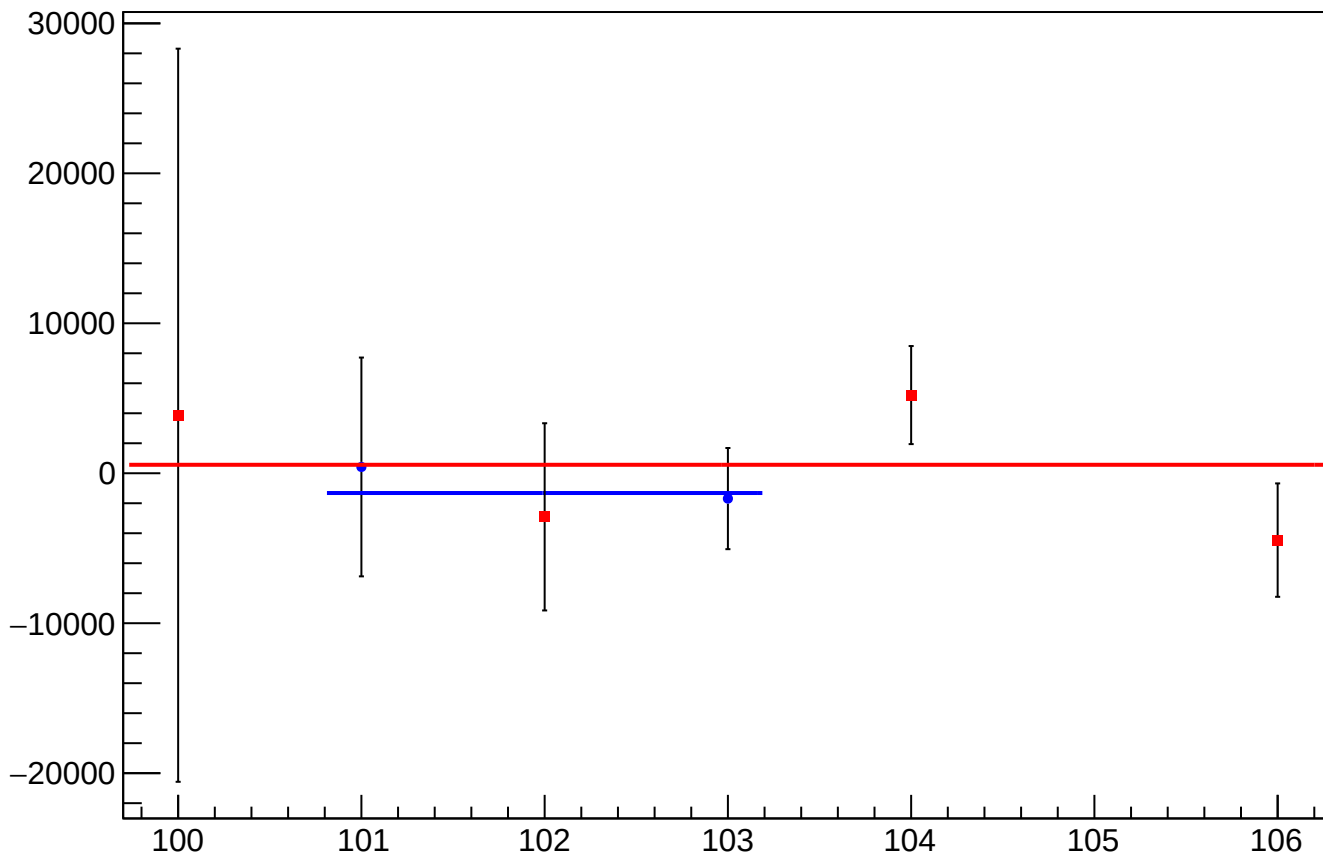
Right: 1894.377+/-0.909 χ^2/NDF : 809438.0/5

In: 1986.616+/-1.451 χ^2/NDF : 640012.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.377+/-0.909 χ^2/NDF : 809438.0/5

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1318.146+/-3061.500 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 564.367+/-2289.198 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

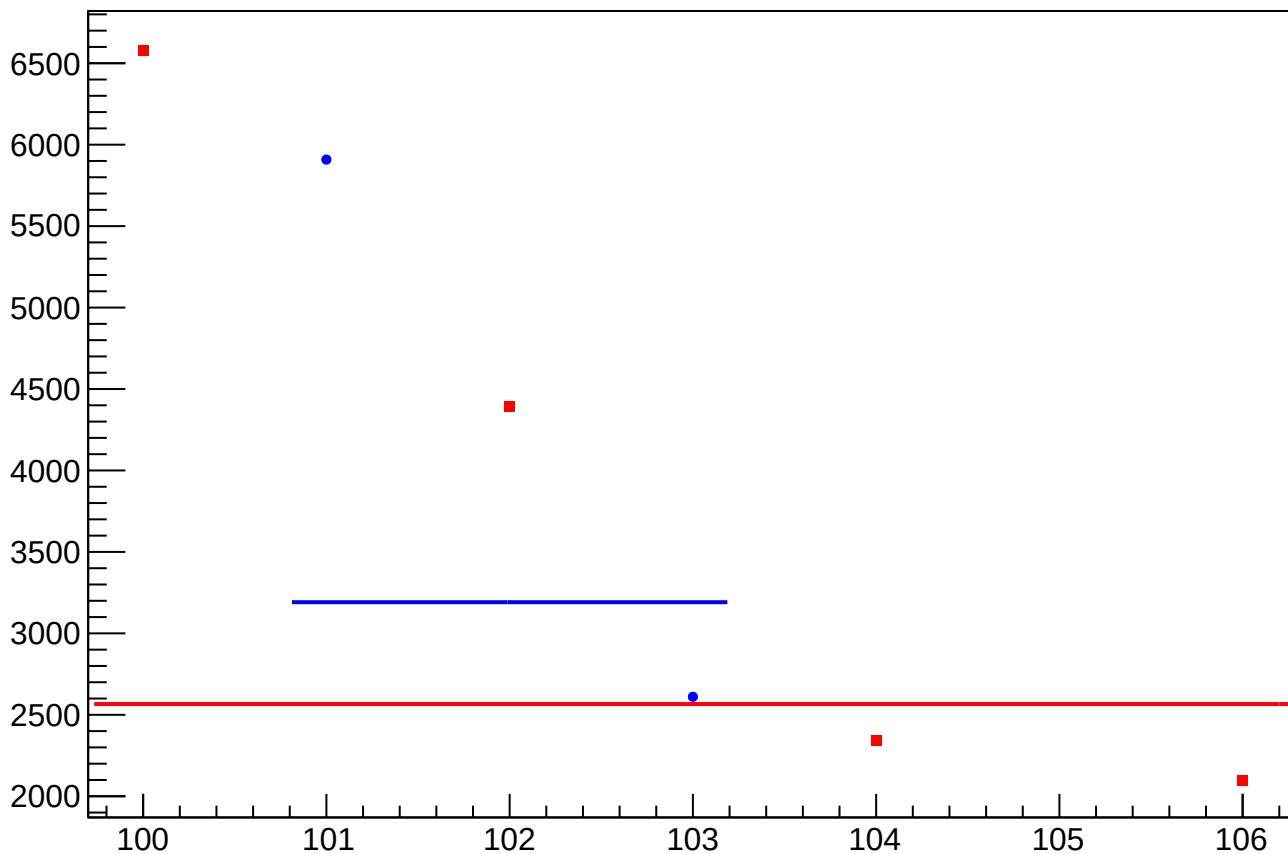
Right: -110.719+/-1833.348 χ^2/NDF : 4.4/5

In: -1318.146+/-3061.500 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.719+/-1833.348 χ^2/NDF : 4.4/5

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3191.328+/-2.165 χ^2/NDF : 336686.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2566.094+/-1.619 χ^2/NDF : 265775.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

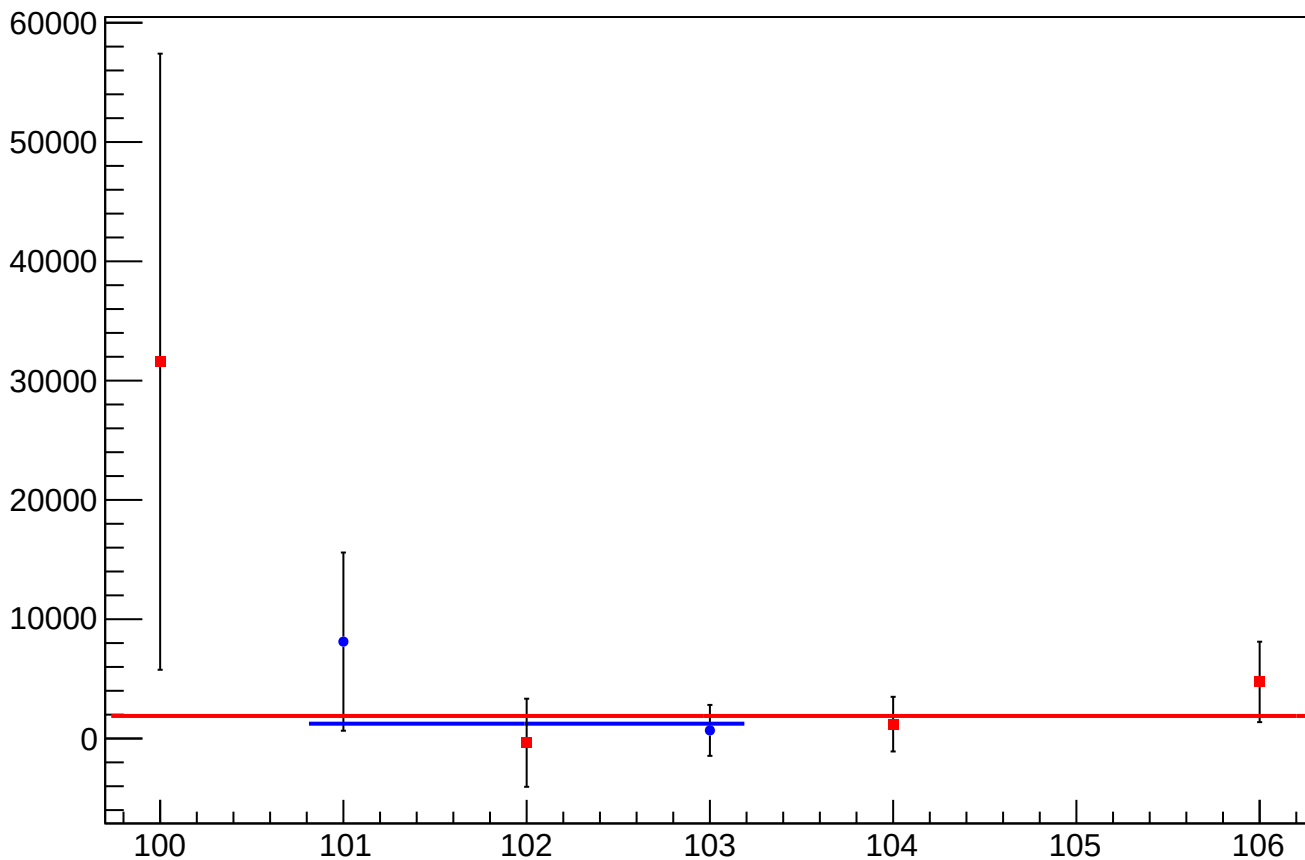
Right: 2790.309+/-1.296 χ^2/NDF : 655963.7/5

In: 3191.328+/-2.165 χ^2/NDF : 336686.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2790.309+/-1.296 χ^2/NDF : 655963.7/5

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.544+/-1681.992 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

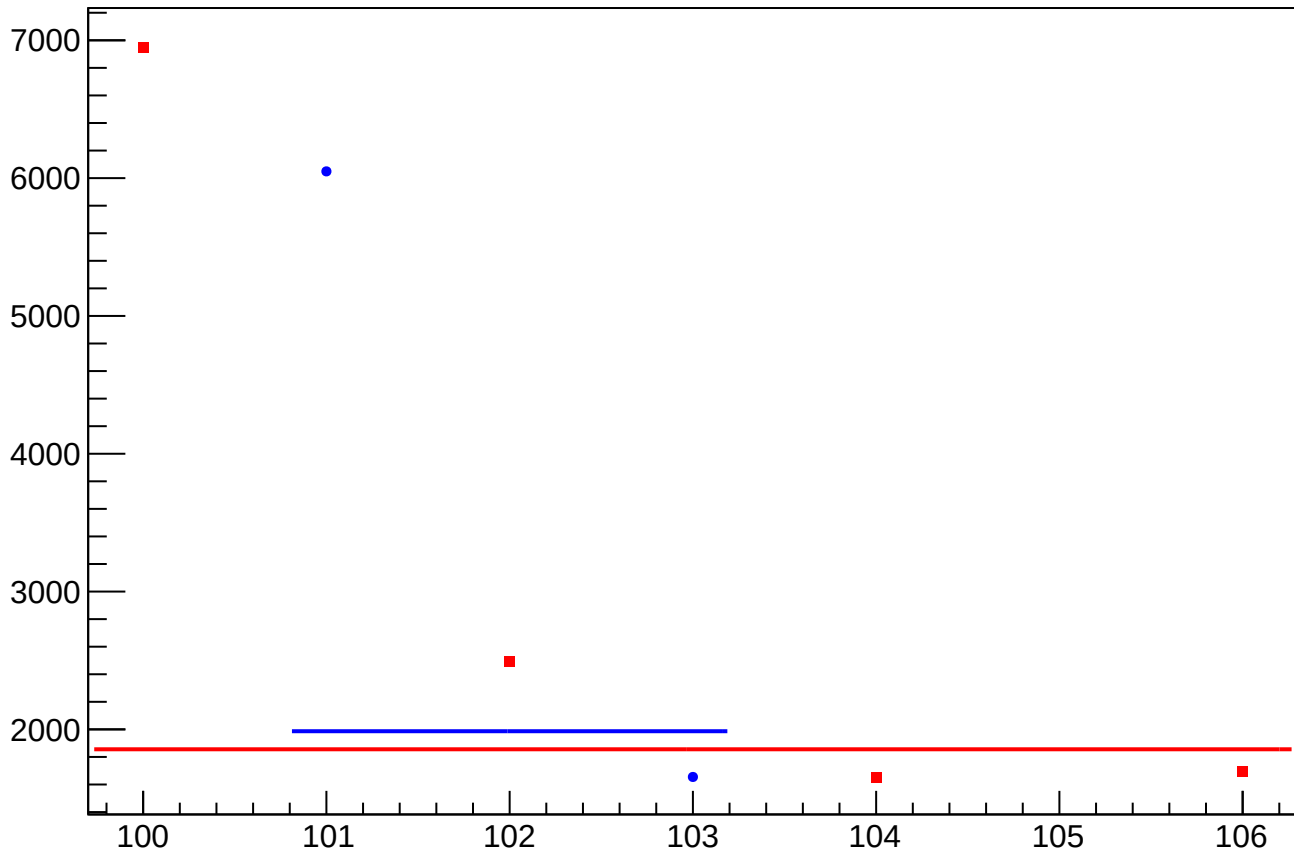
Right: 1631.173+/-1300.944 χ^2/NDF : 3.5/5

In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.173+/-1300.944 χ^2/NDF : 3.5/5

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1855.573+/-1.179 χ^2/NDF : 157778.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

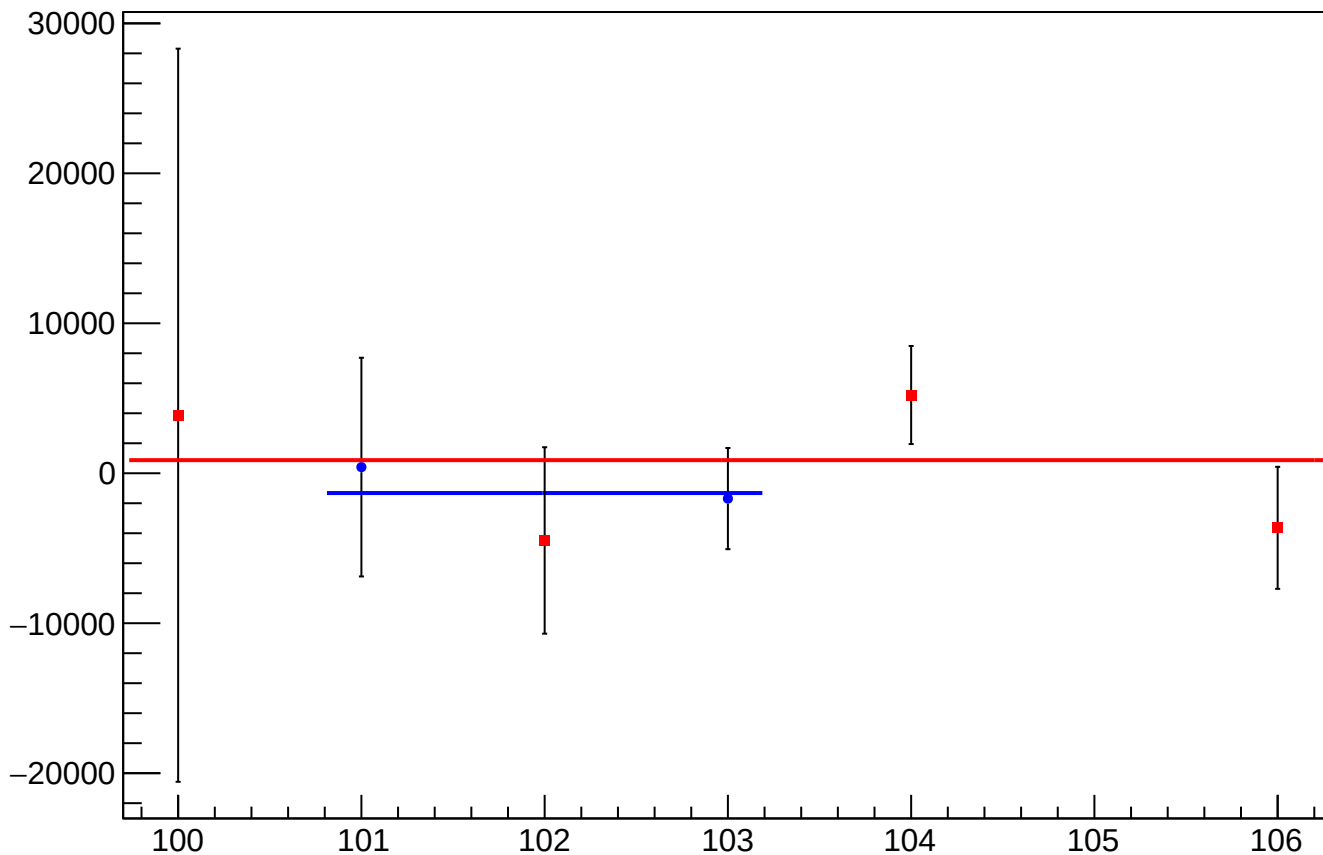
Right: 1907.671+/-0.915 χ^2/NDF : 802701.2/5

In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.671+/-0.915 χ^2/NDF : 802701.2/5

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.543+/-2347.315 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

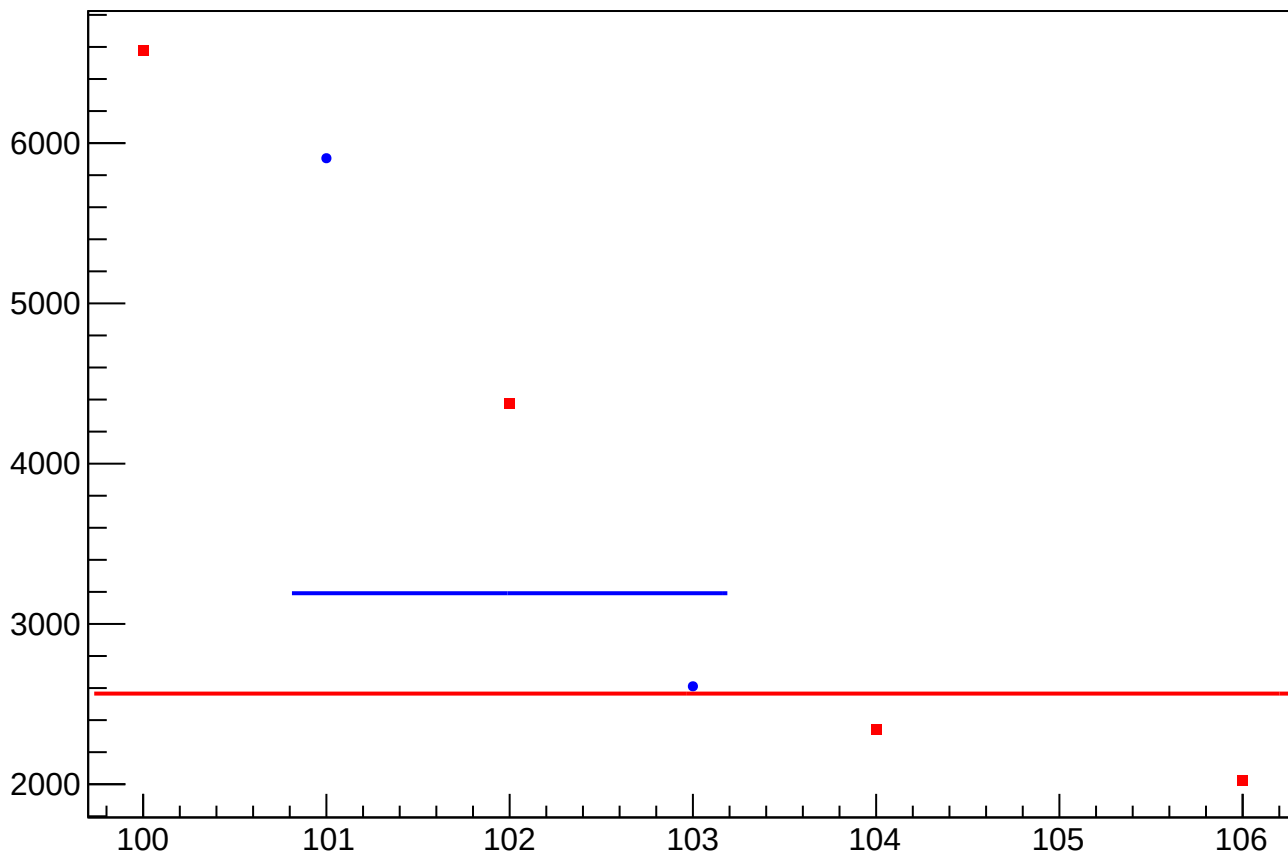
Right: 61.593+/-1862.800 χ^2/NDF : 4.1/5

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.593+/-1862.800 χ^2/NDF : 4.1/5

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2565.486+/-1.660 χ^2/NDF : 267904.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

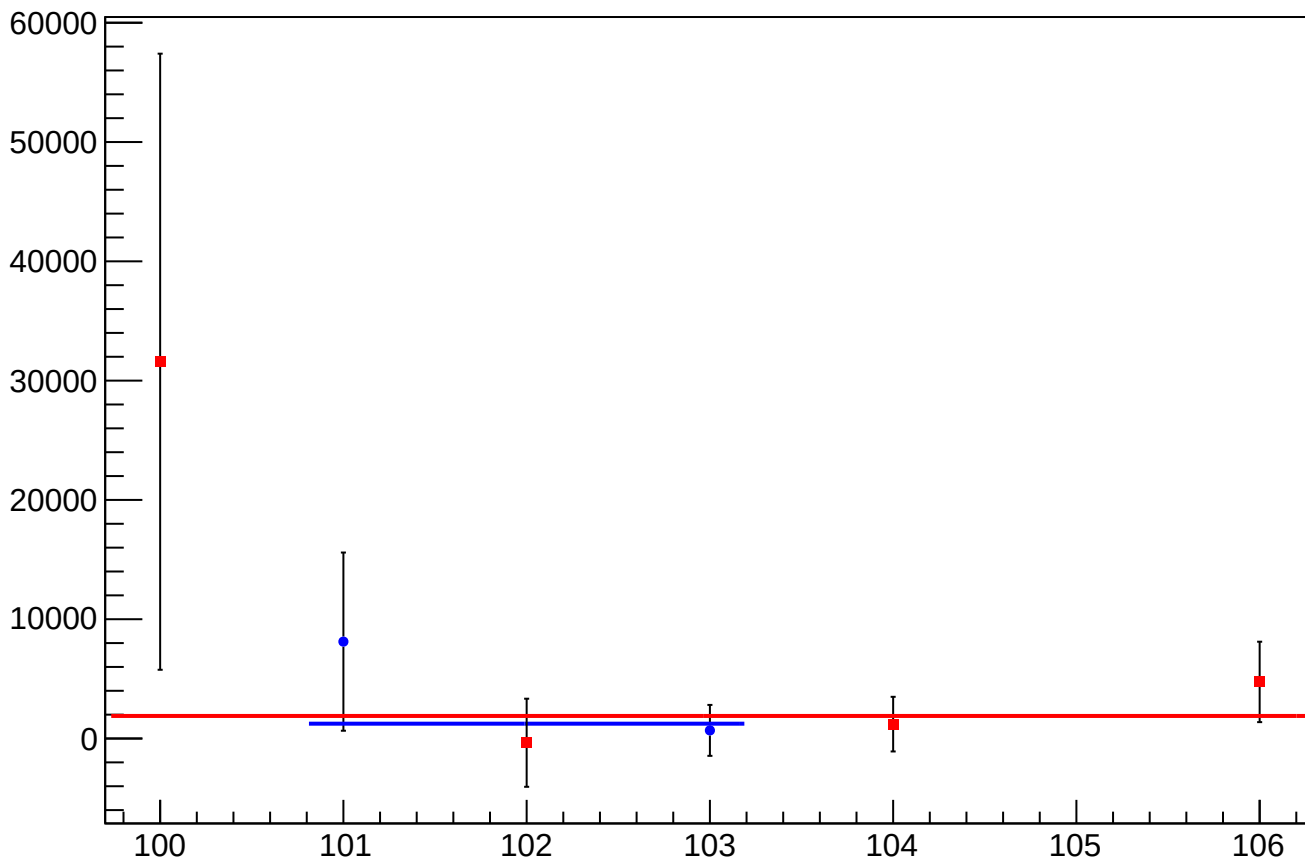
Right: 2797.309+/-1.317 χ^2/NDF : 656914.4/5

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2797.309+/-1.317 χ^2/NDF : 656914.4/5

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.544+/-1681.992 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

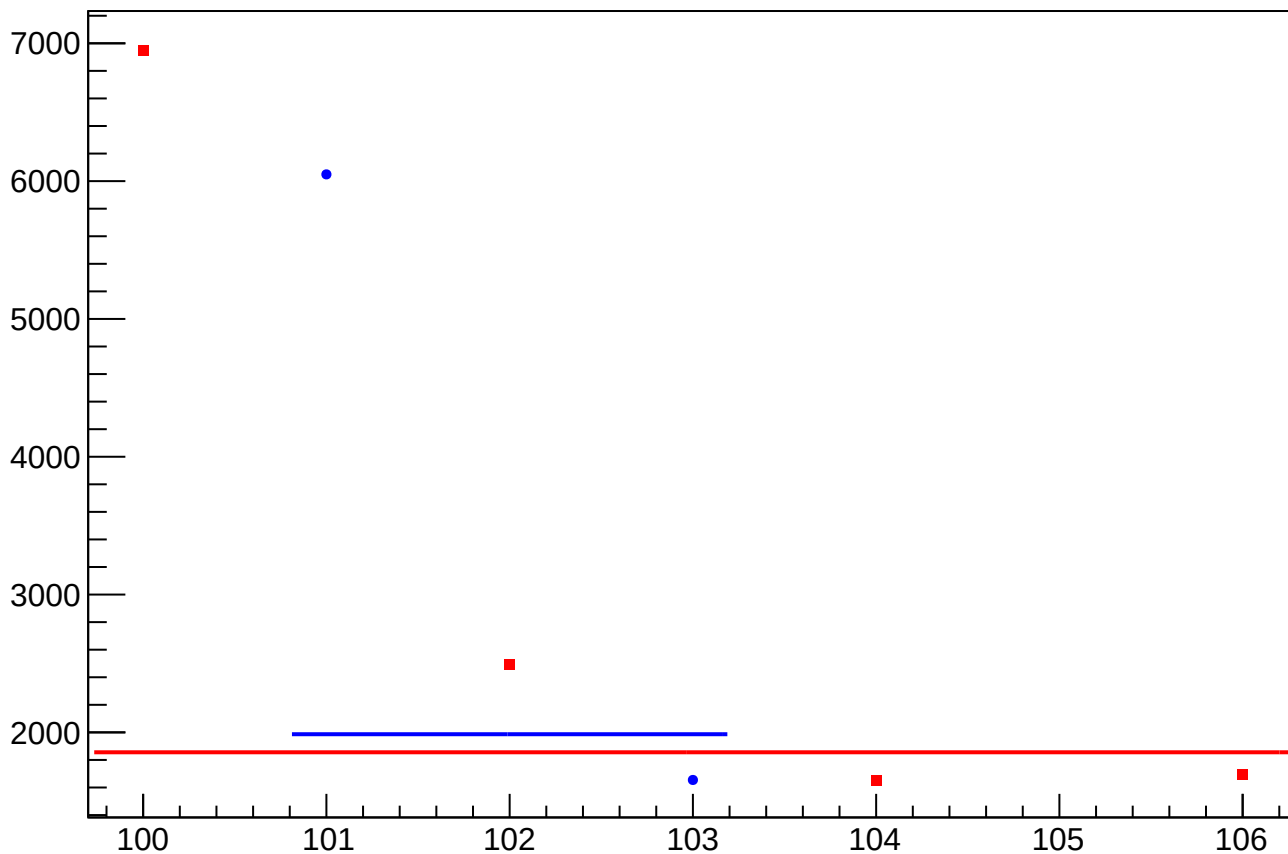
Right: 1631.173+/-1300.944 χ^2/NDF : 3.5/5

In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1631.173+/-1300.944 χ^2/NDF : 3.5/5

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1855.573+/-1.179 χ^2/NDF : 157778.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

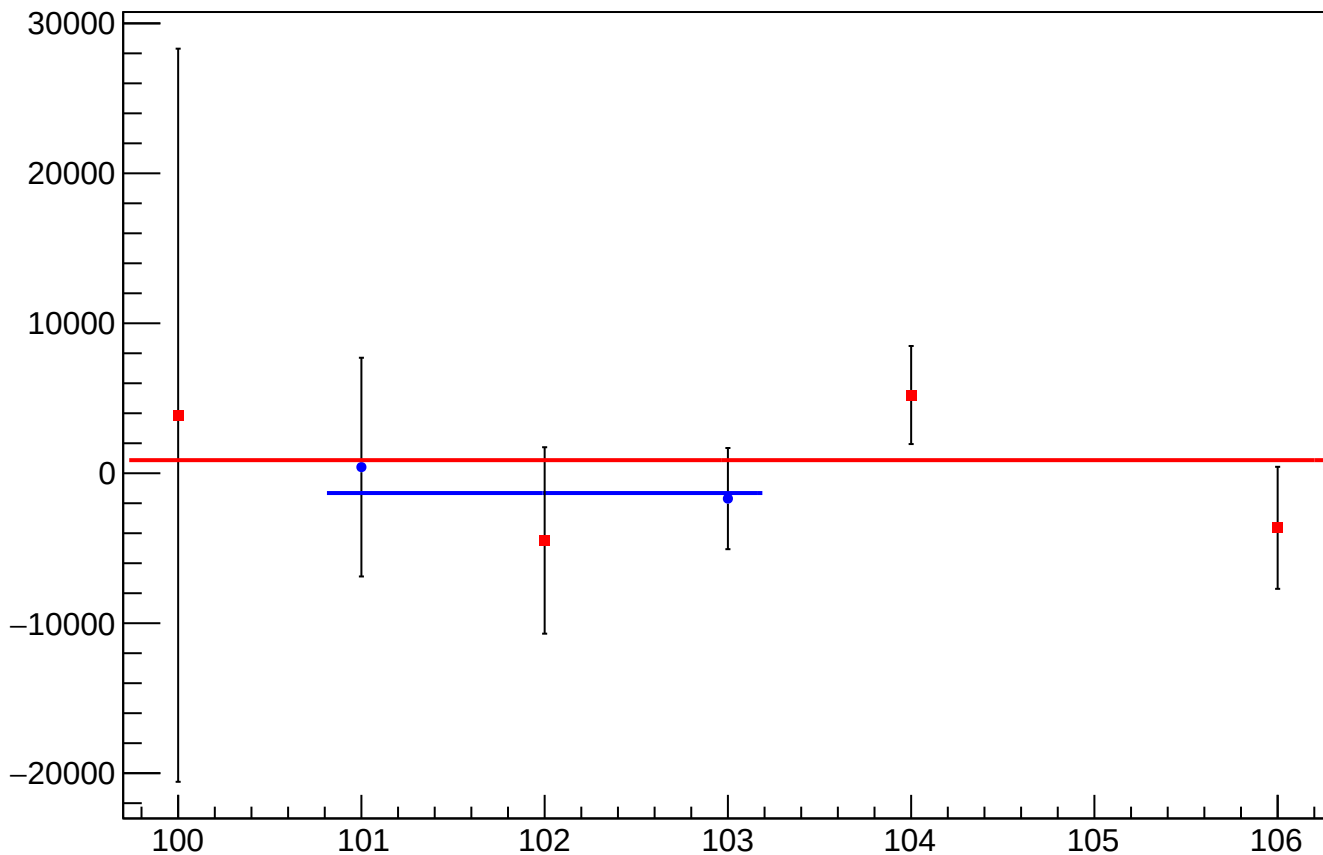
Right: 1907.671+/-0.915 χ^2/NDF : 802701.2/5

In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.671+/-0.915 χ^2/NDF : 802701.2/5

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 873.543+/-2347.315 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

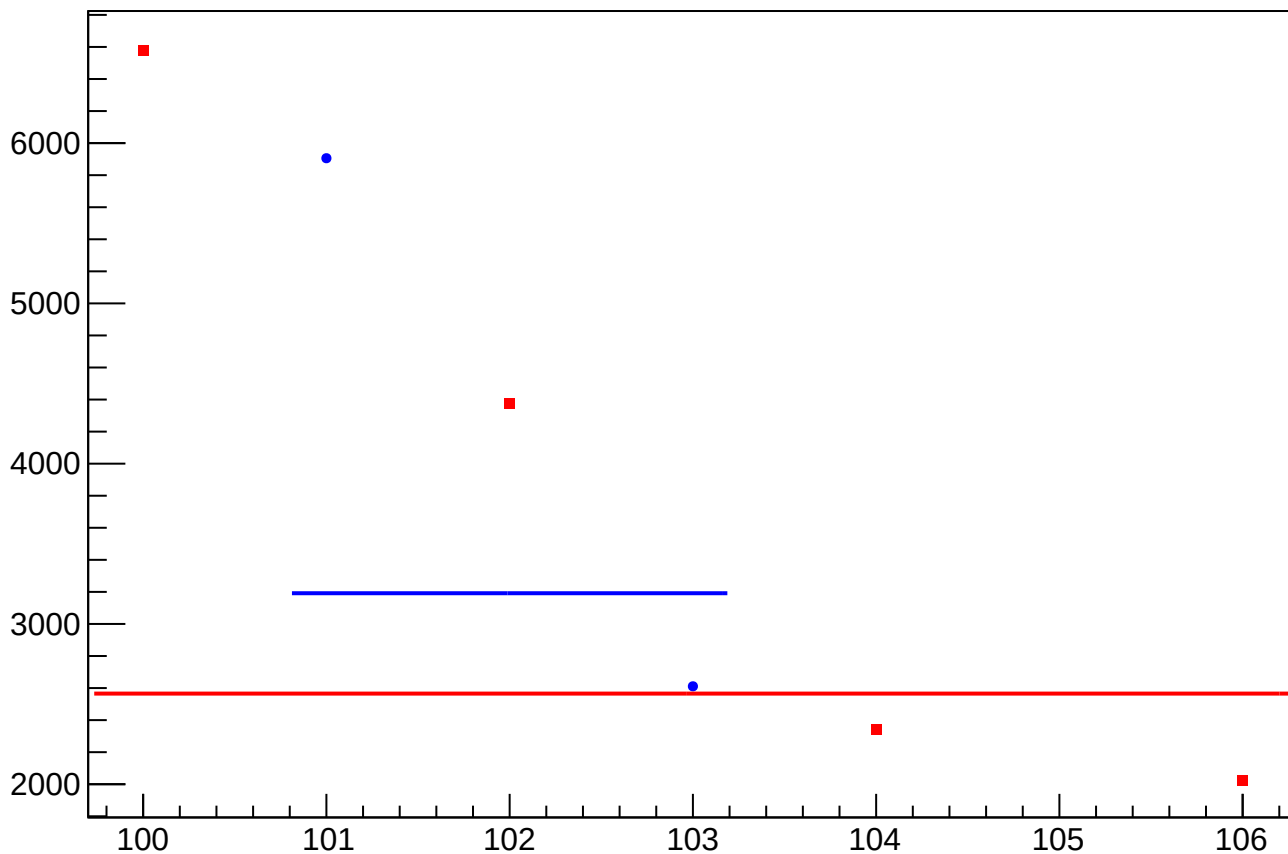
Right: 61.593+/-1862.800 χ^2/NDF : 4.1/5

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.593+/-1862.800 χ^2/NDF : 4.1/5

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2565.486+/-1.660 χ^2/NDF : 267904.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

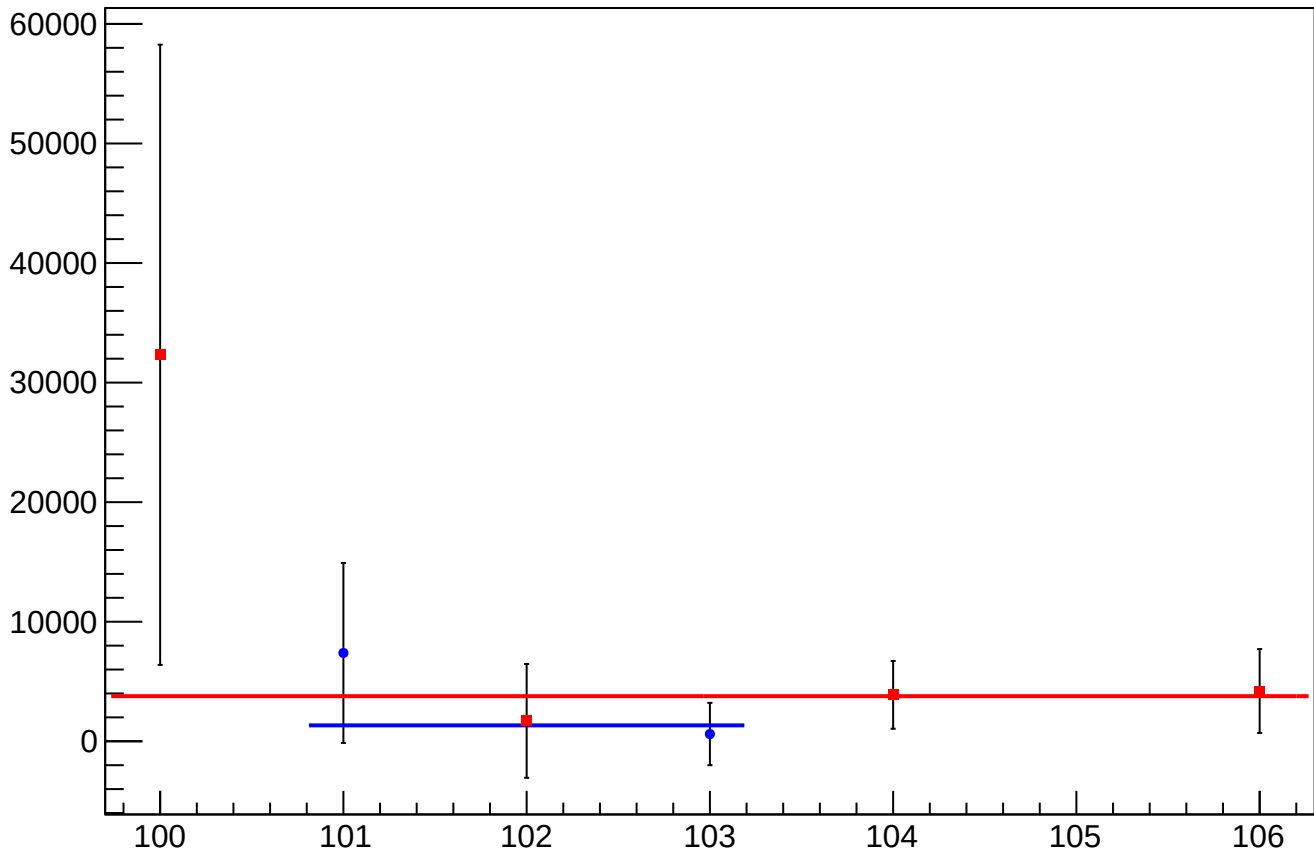
Right: 2797.309+/-1.317 χ^2/NDF : 656914.4/5

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2797.309+/-1.317 χ^2/NDF : 656914.4/5

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1331.222+/-2462.772 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3773.391+/-1995.137 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

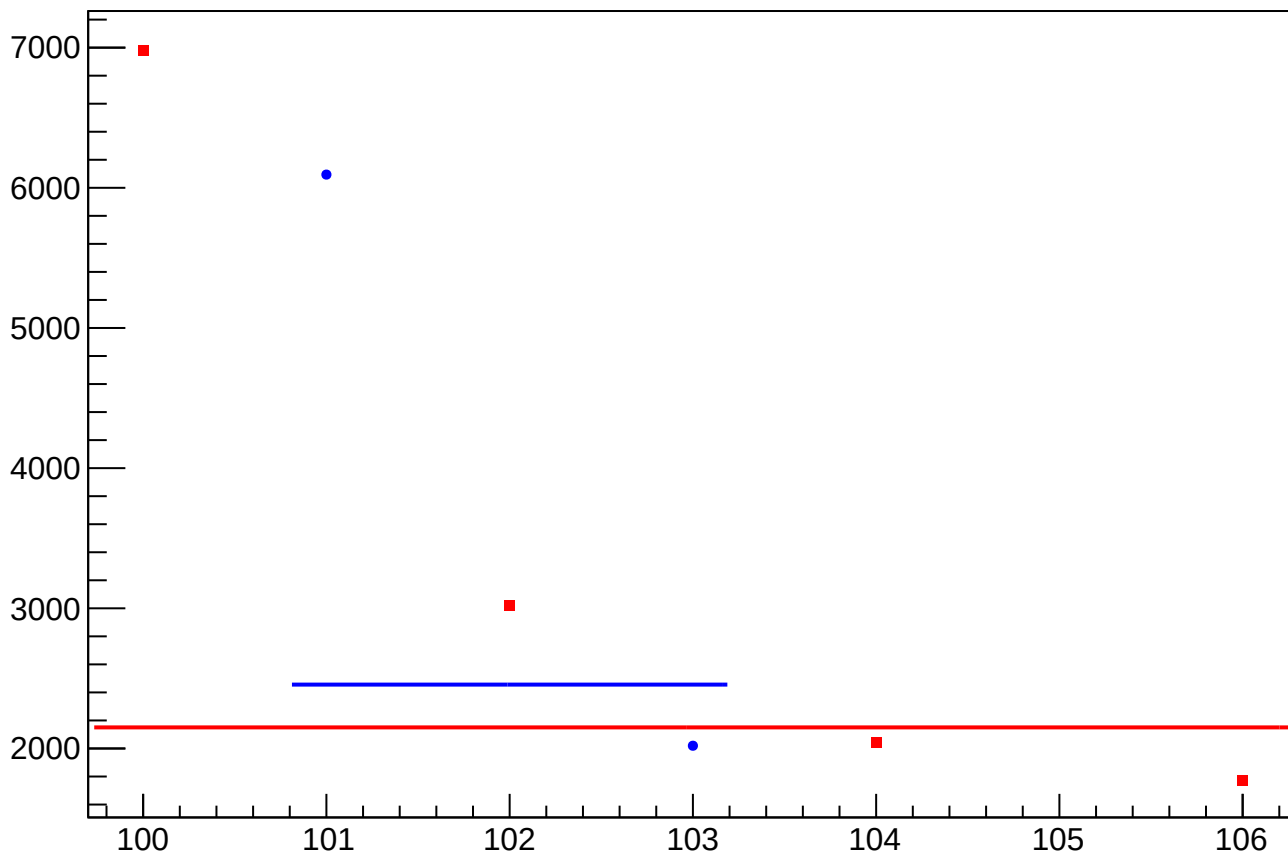
Right: 2805.702+/-1550.259 χ^2/NDF : 2.7/5

In: 1331.222+/-2462.772 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2805.702+/-1550.259 χ^2/NDF : 2.7/5

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2455.770+/-1.741 χ^2/NDF : 523319.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2150.453+/-1.402 χ^2/NDF : 162929.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

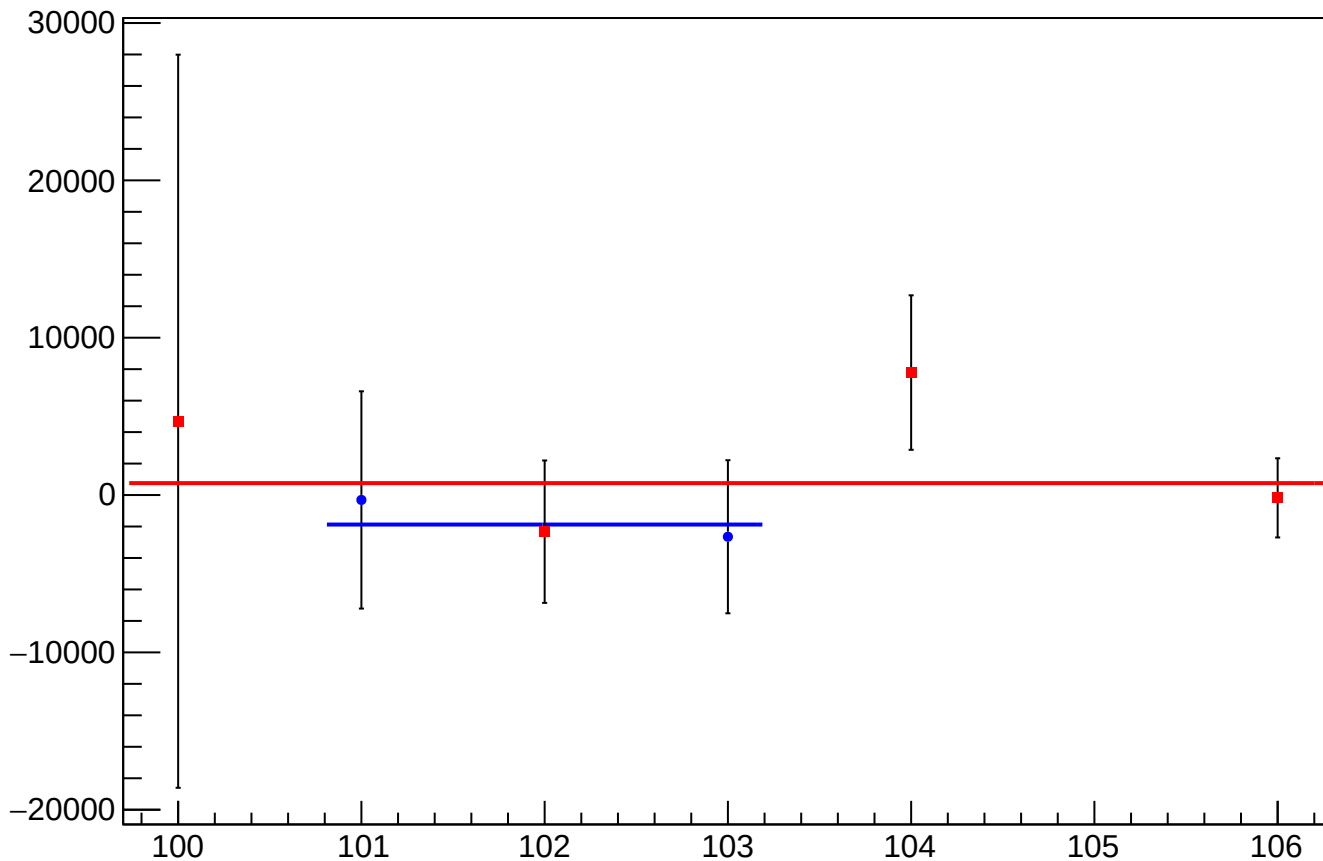
Right: 2270.495+/-1.092 χ^2/NDF : 704901.9/5

In: 2455.770+/-1.741 χ^2/NDF : 523319.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2270.495+/-1.092 χ^2/NDF : 704901.9/5

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1874.755+/-3977.235 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 758.132+/-1999.645 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

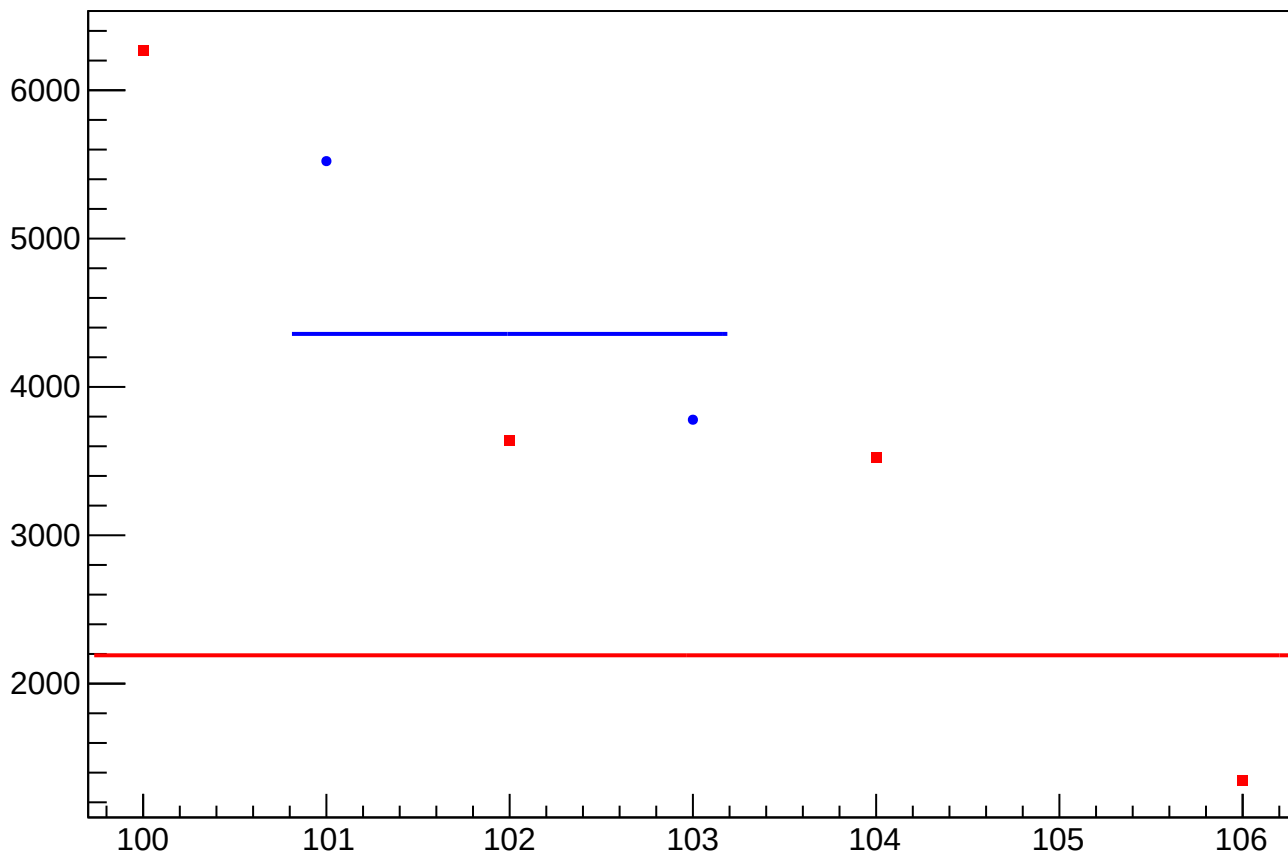
Right: 226.880+/-1786.551 χ^2/NDF : 3.1/5

In: -1874.755+/-3977.235 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.880+/-1786.551 χ^2/NDF : 3.1/5

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4357.438+/-2.812 χ^2/NDF : 85177.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.926+/-1.414 χ^2/NDF : 637496.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

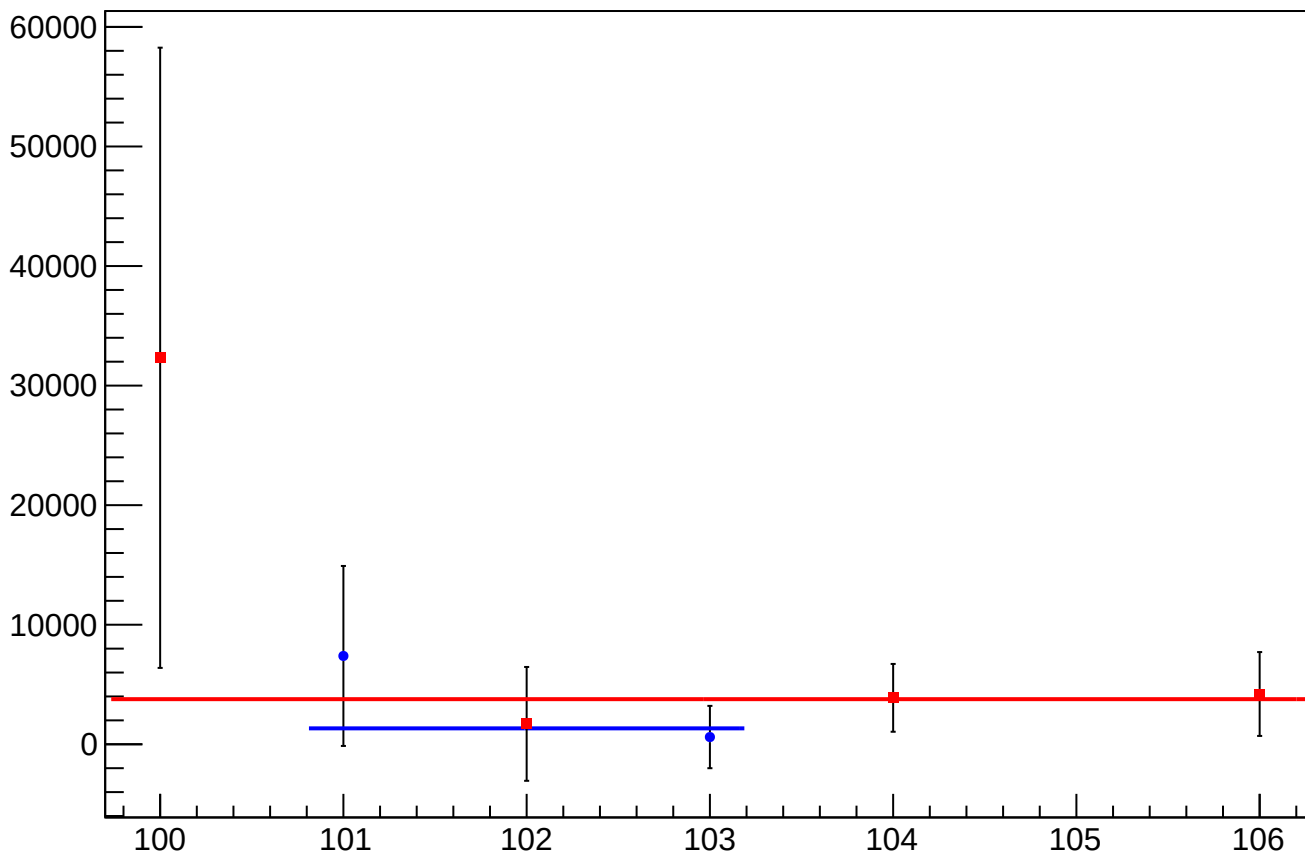
Right: 2628.075+/-1.263 χ^2/NDF : 1196386.3/5

In: 4357.438+/-2.812 χ^2/NDF : 85177.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2628.075+/-1.263 χ^2/NDF : 1196386.3/5

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1331.215+/-2462.771 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3773.392+/-1995.136 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

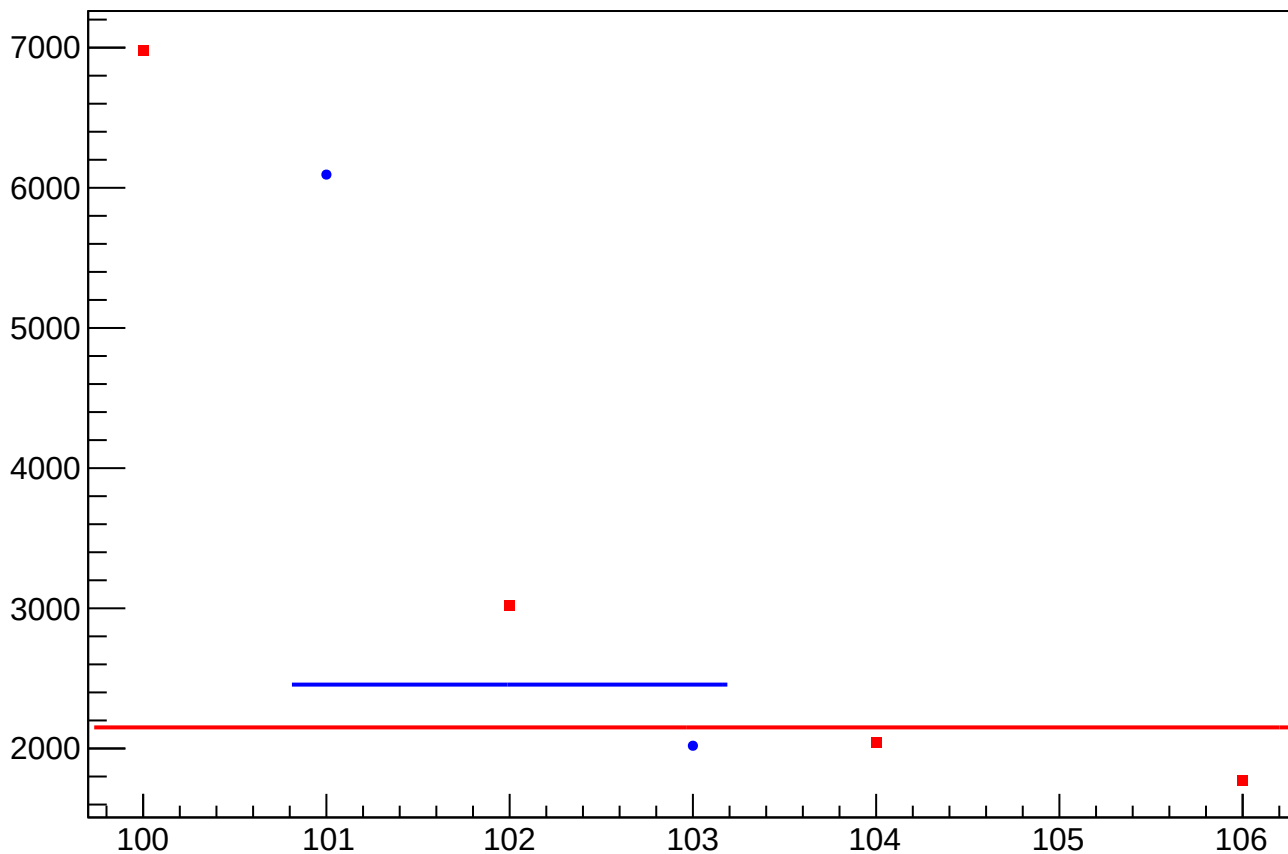
Right: 2805.700+/-1550.258 χ^2/NDF : 2.7/5

In: 1331.215+/-2462.771 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2805.700+/-1550.258 χ^2/NDF : 2.7/5

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 2455.768+/-1.741 χ^2/NDF : 523320.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2150.452+/-1.402 χ^2/NDF : 162929.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

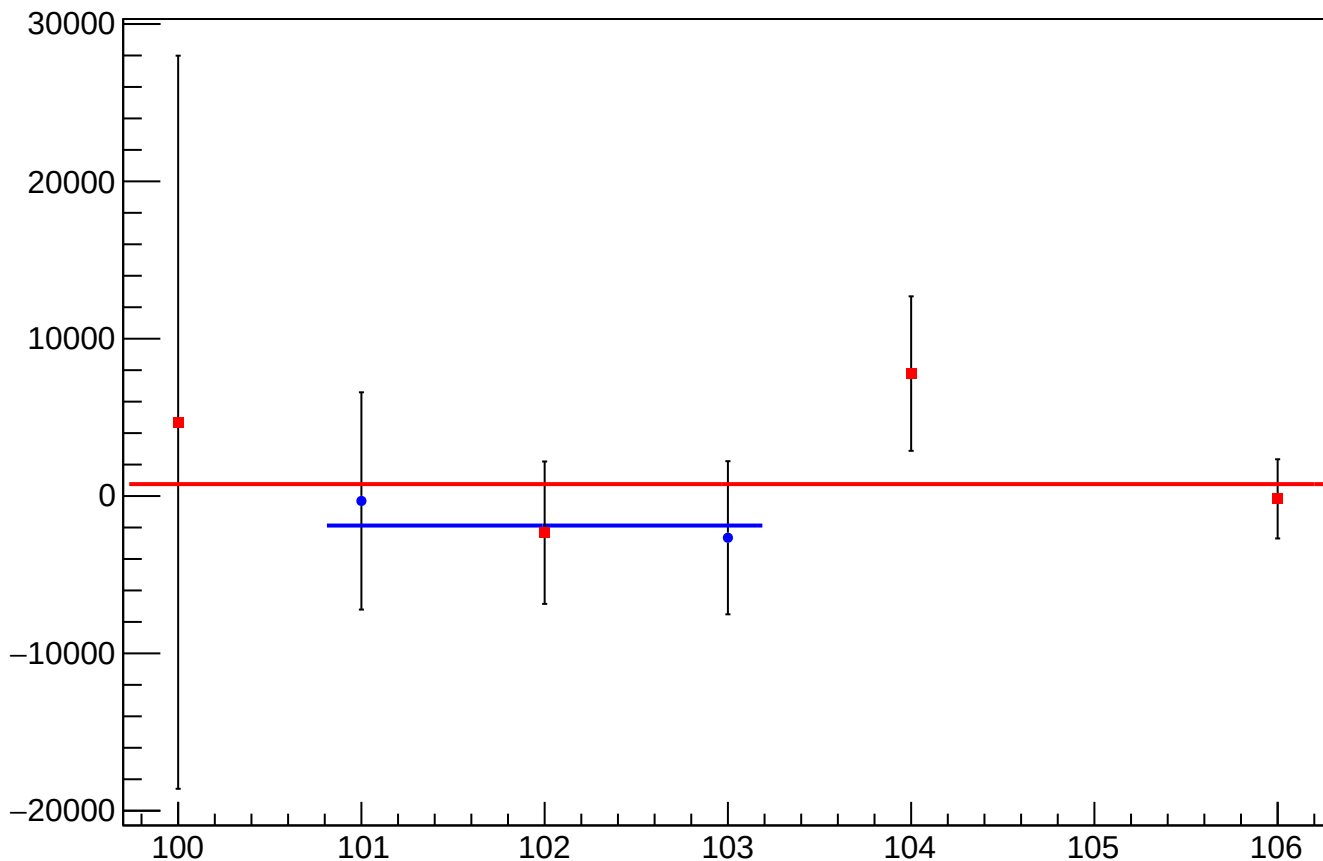
Right: 2270.493+/-1.092 χ^2/NDF : 704902.0/5

In: 2455.768+/-1.741 χ^2/NDF : 523320.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2270.493+/-1.092 χ^2/NDF : 704902.0/5

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1874.766+/-3977.231 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 758.126+/-1999.640 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

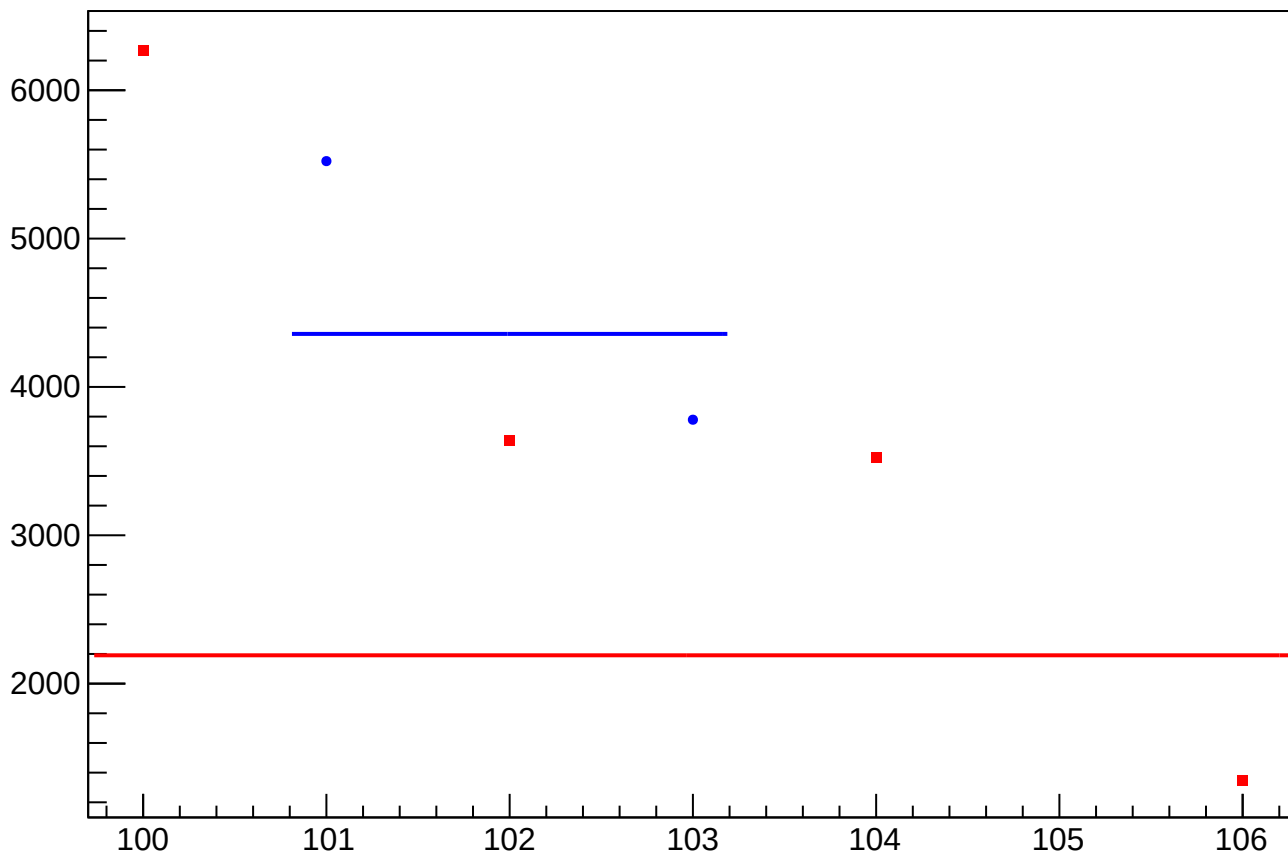
Right: 226.874+/-1786.547 χ^2/NDF : 3.1/5

In: -1874.766+/-3977.231 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.874+/-1786.547 χ^2/NDF : 3.1/5

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4357.435+/-2.812 χ^2/NDF : 85177.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.919+/-1.414 χ^2/NDF : 637499.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

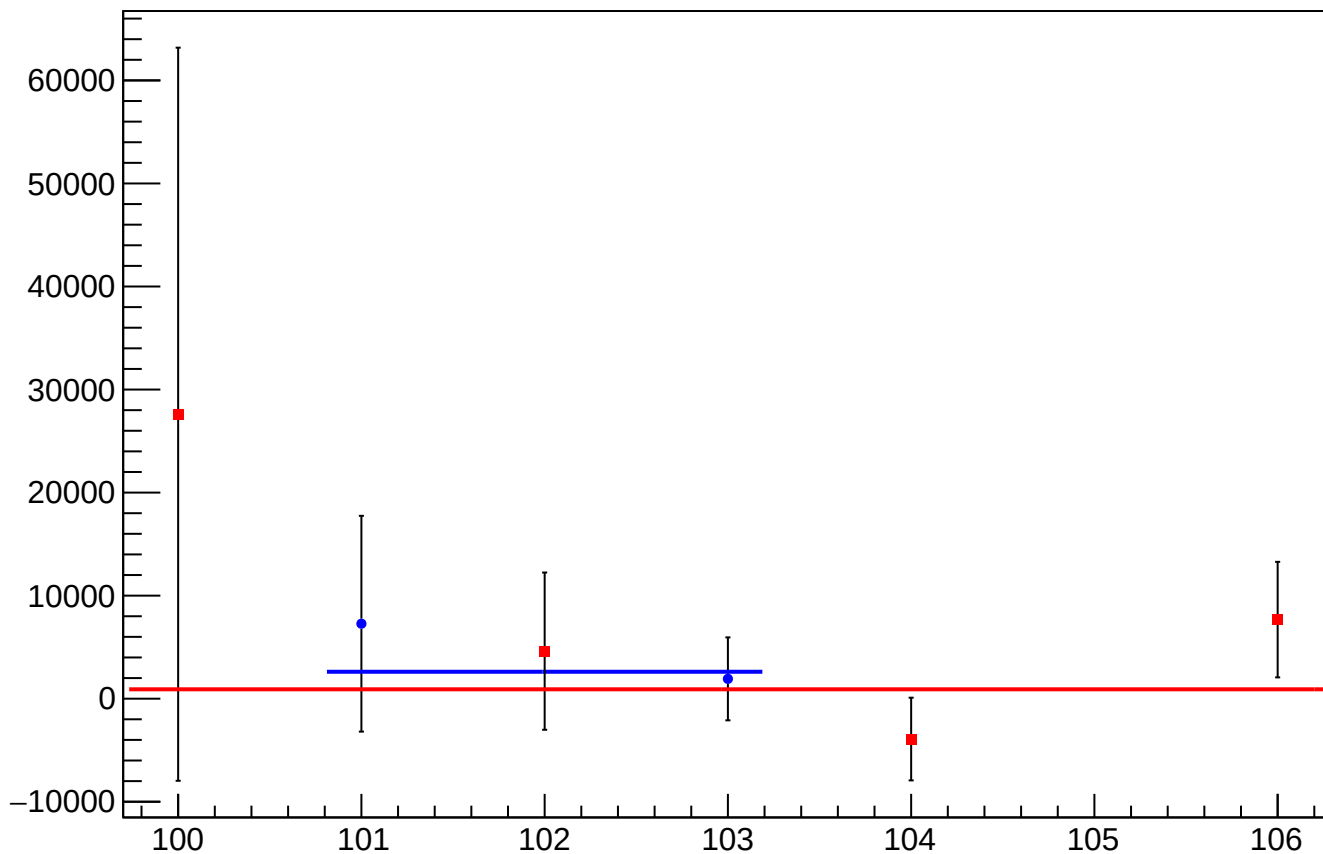
Right: 2628.068+/-1.263 χ^2/NDF : 1196391.3/5

In: 4357.435+/-2.812 χ^2/NDF : 85177.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2628.068+/-1.263 χ^2/NDF : 1196391.3/5

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2613.256+/-3757.075 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.053+/-2989.441 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

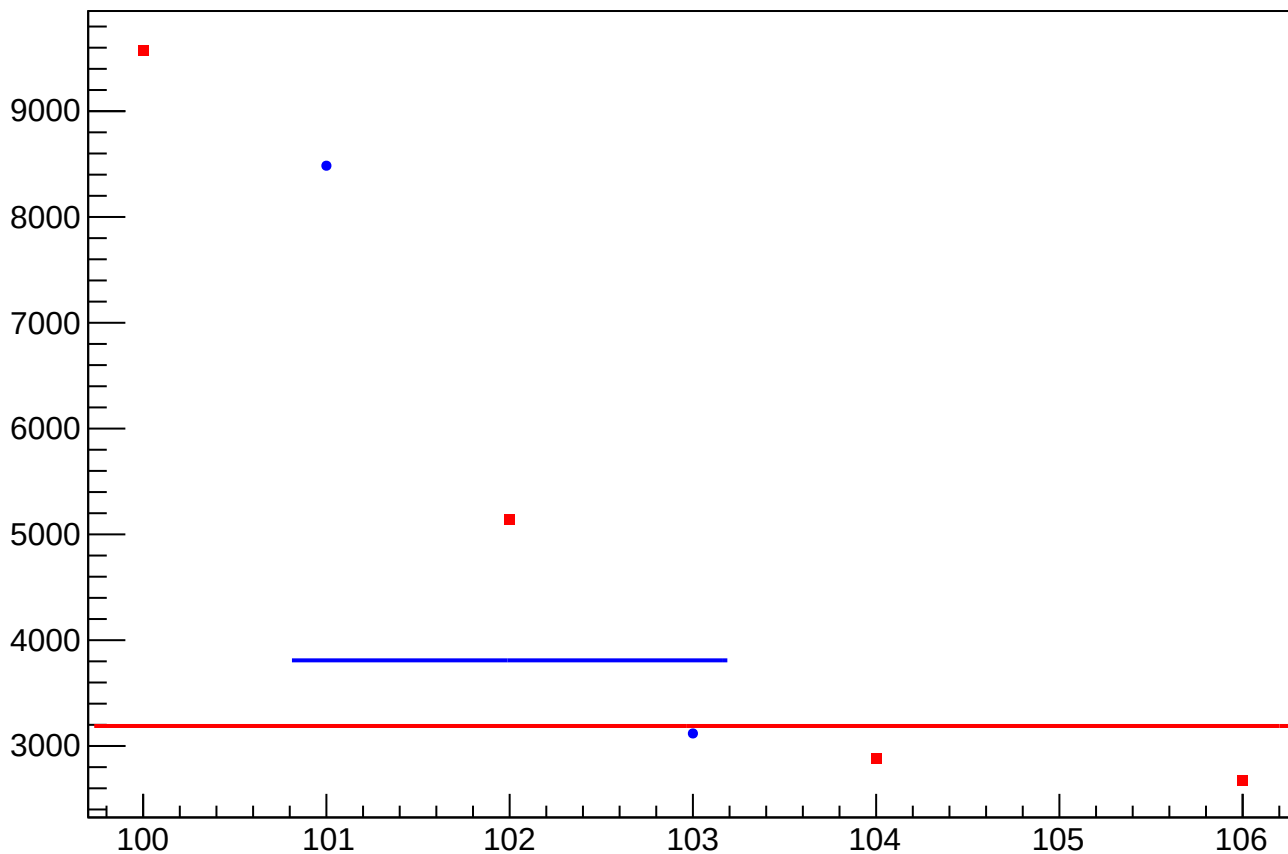
Right: 1570.337+/-2339.279 χ^2/NDF : 4.1/5

In: 2613.256+/-3757.075 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1570.337+/-2339.279 χ^2/NDF : 4.1/5

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 3809.386+/-2.657 χ^2/NDF : 457662.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3189.050+/-2.057 χ^2/NDF : 227014.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

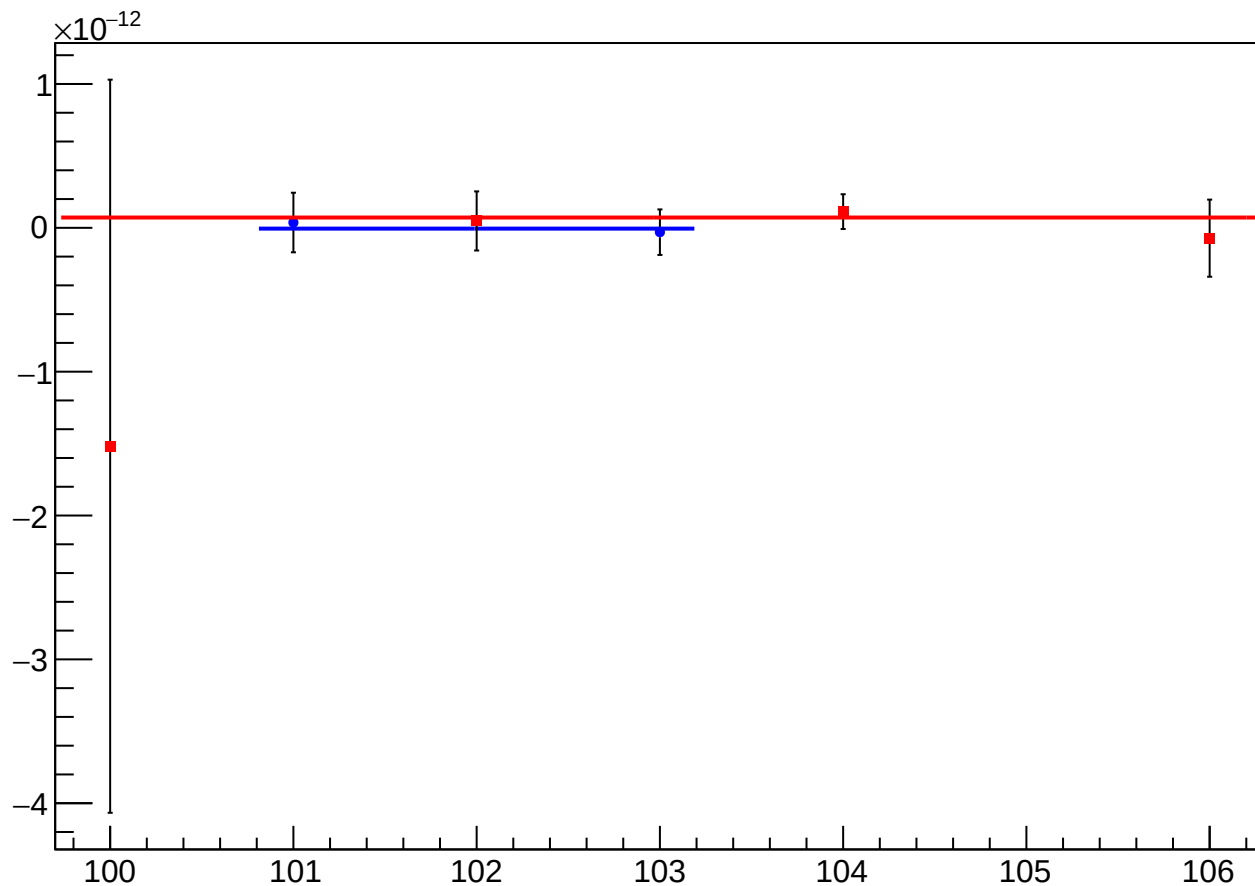
Right: 3421.556+/-1.626 χ^2/NDF : 718764.9/5

In: 3809.386+/-2.657 χ^2/NDF : 457662.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3421.556+/-1.626 χ^2/NDF : 718764.9/5

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

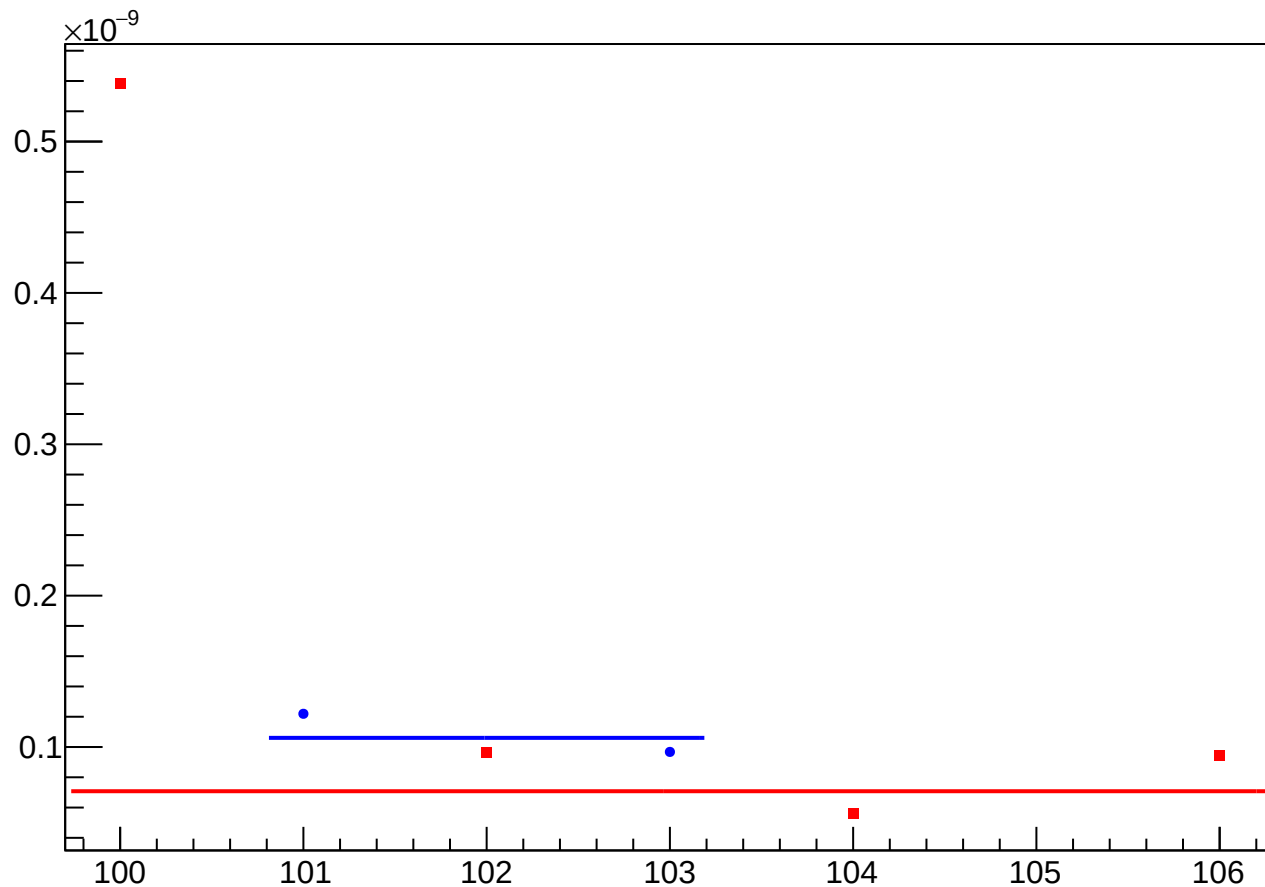
Right: 0.000+/-0.000 χ^2/NDF : 1.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.1/5

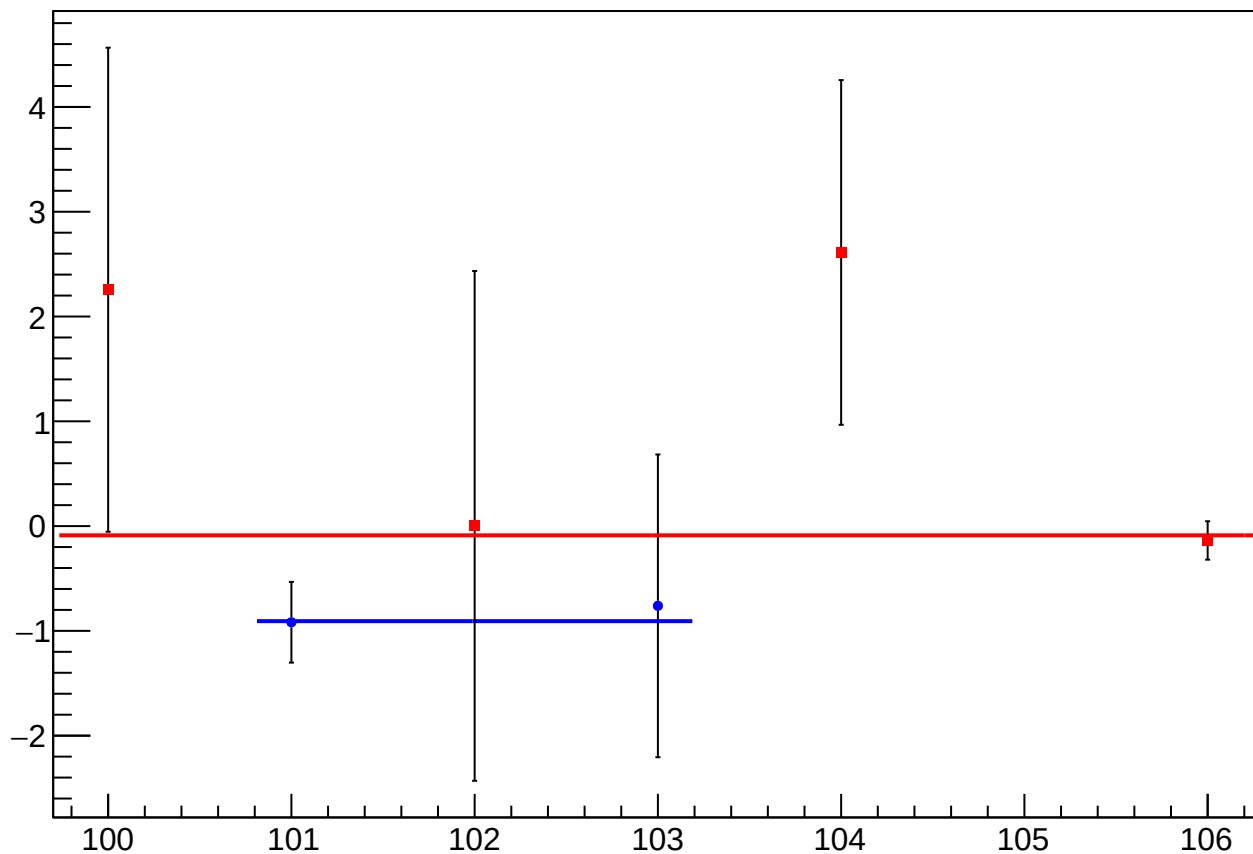
asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18669.4/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 144767.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 261993.0/5
 In: 0.000+/-0.000 χ^2/NDF : 18669.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 261993.0/5

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.088 ± 0.181 $\chi^2/\text{NDF}: 3.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

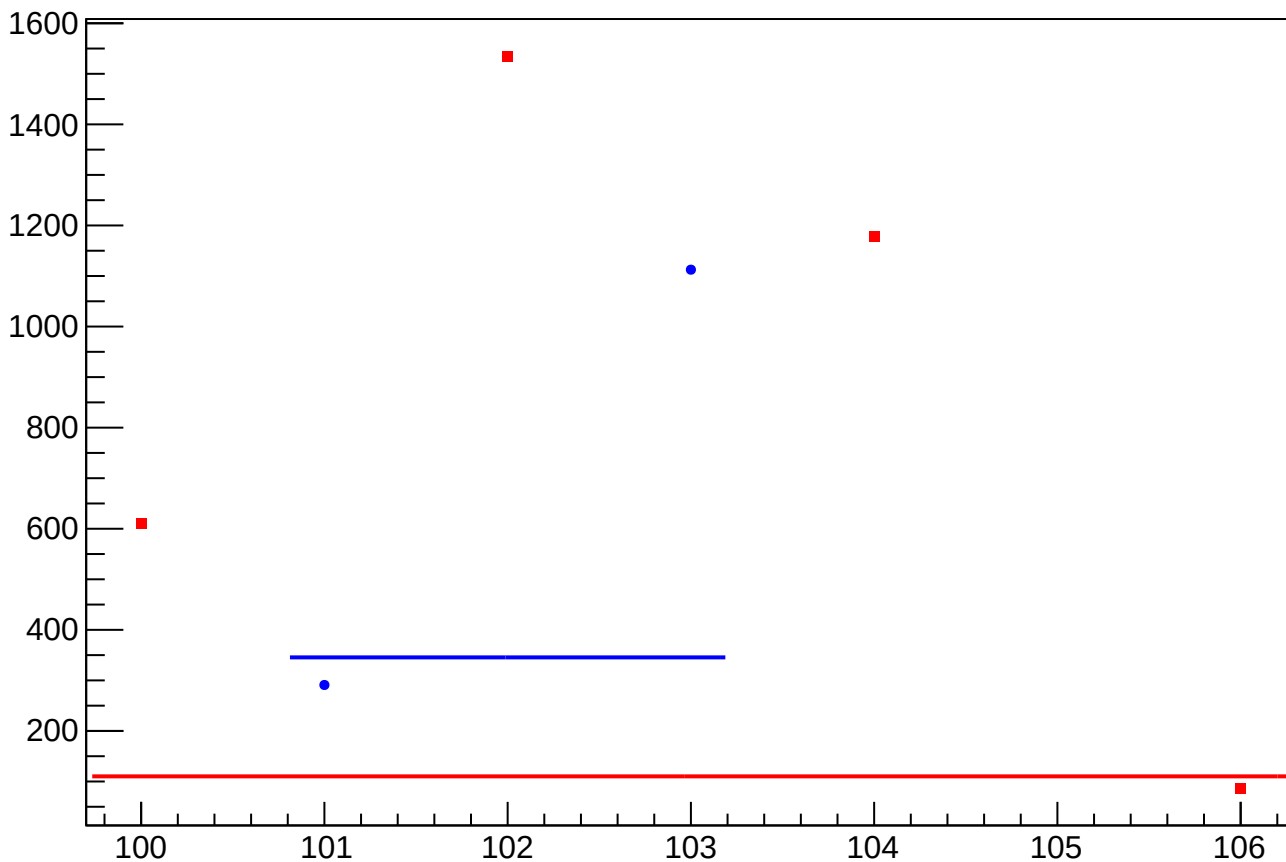
Right: -0.245 ± 0.163 $\chi^2/\text{NDF}: 7.7/5$

In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.245 ± 0.163 $\chi^2/\text{NDF}: 7.7/5$

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.517 $\pm$ 0.263 χ^2 /NDF: 603874.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.151 $\pm$ 0.128 χ^2 /NDF: 1658762.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

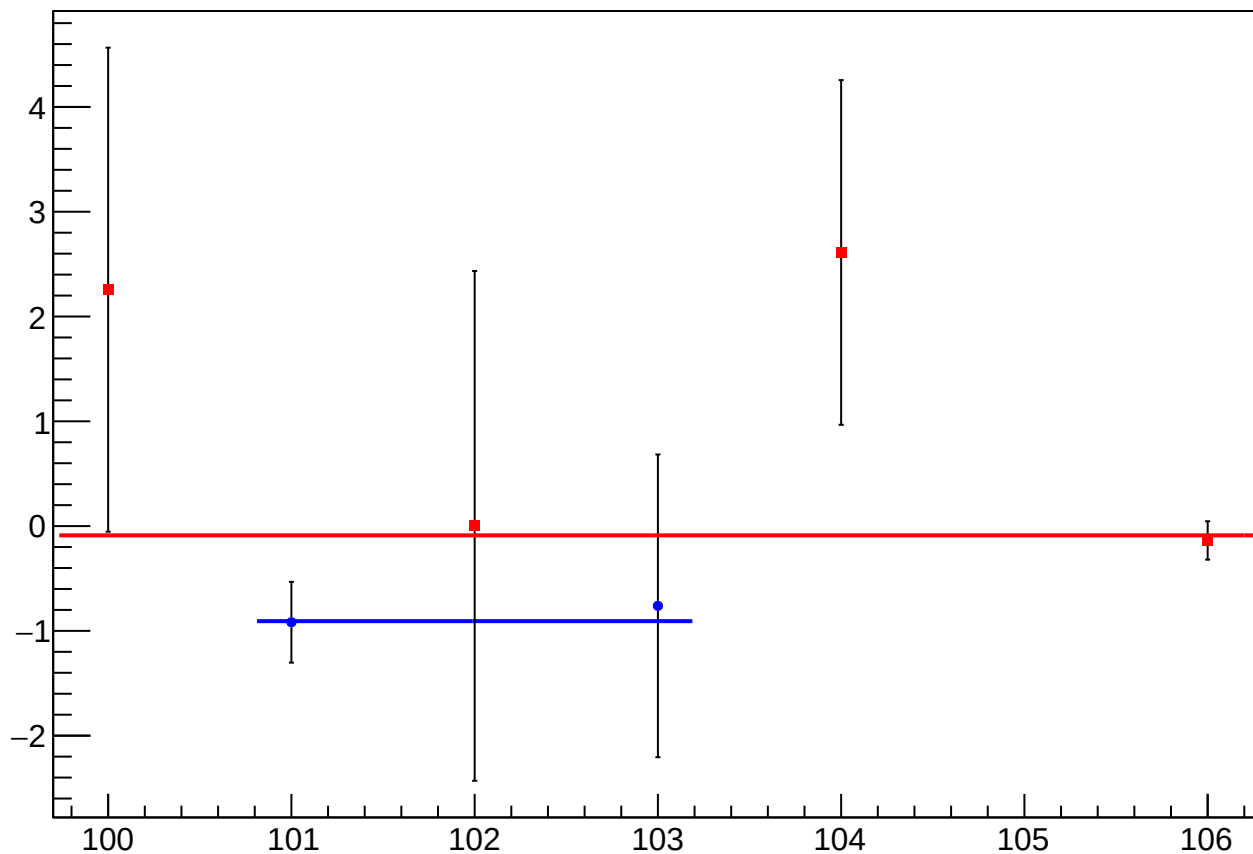
Right: 155.132 $\pm$ 0.115 χ^2 /NDF: 2908979.0/5

In: 345.517 $\pm$ 0.263 χ^2 /NDF:603874.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.132 $\pm$ 0.115 χ^2 /NDF: 2908979.0/5

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.088 ± 0.181 $\chi^2/\text{NDF}: 3.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

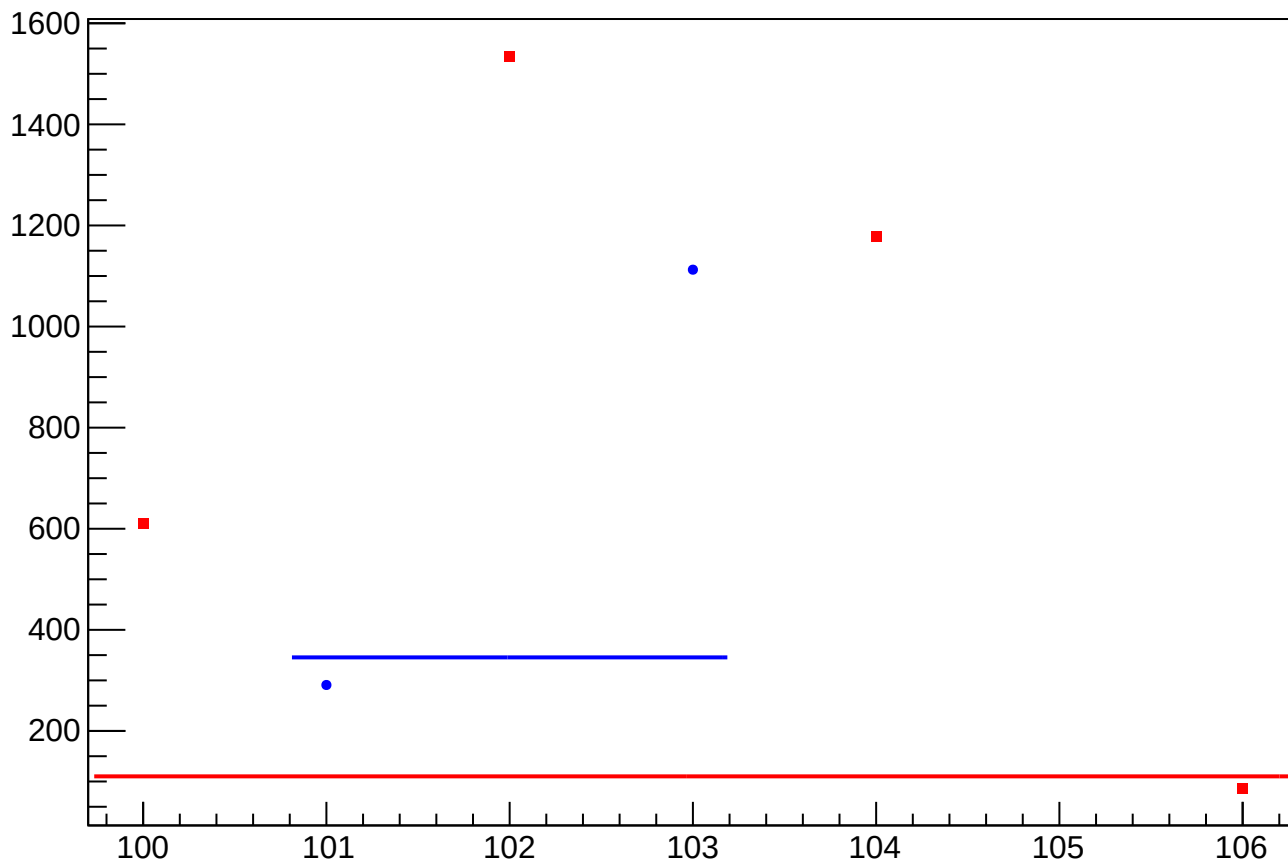
Right: -0.245 ± 0.163 $\chi^2/\text{NDF}: 7.7/5$

In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.245 ± 0.163 $\chi^2/\text{NDF}: 7.7/5$

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.517+/-0.263 χ^2/NDF : 603874.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.151+/-0.128 χ^2/NDF : 1658762.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

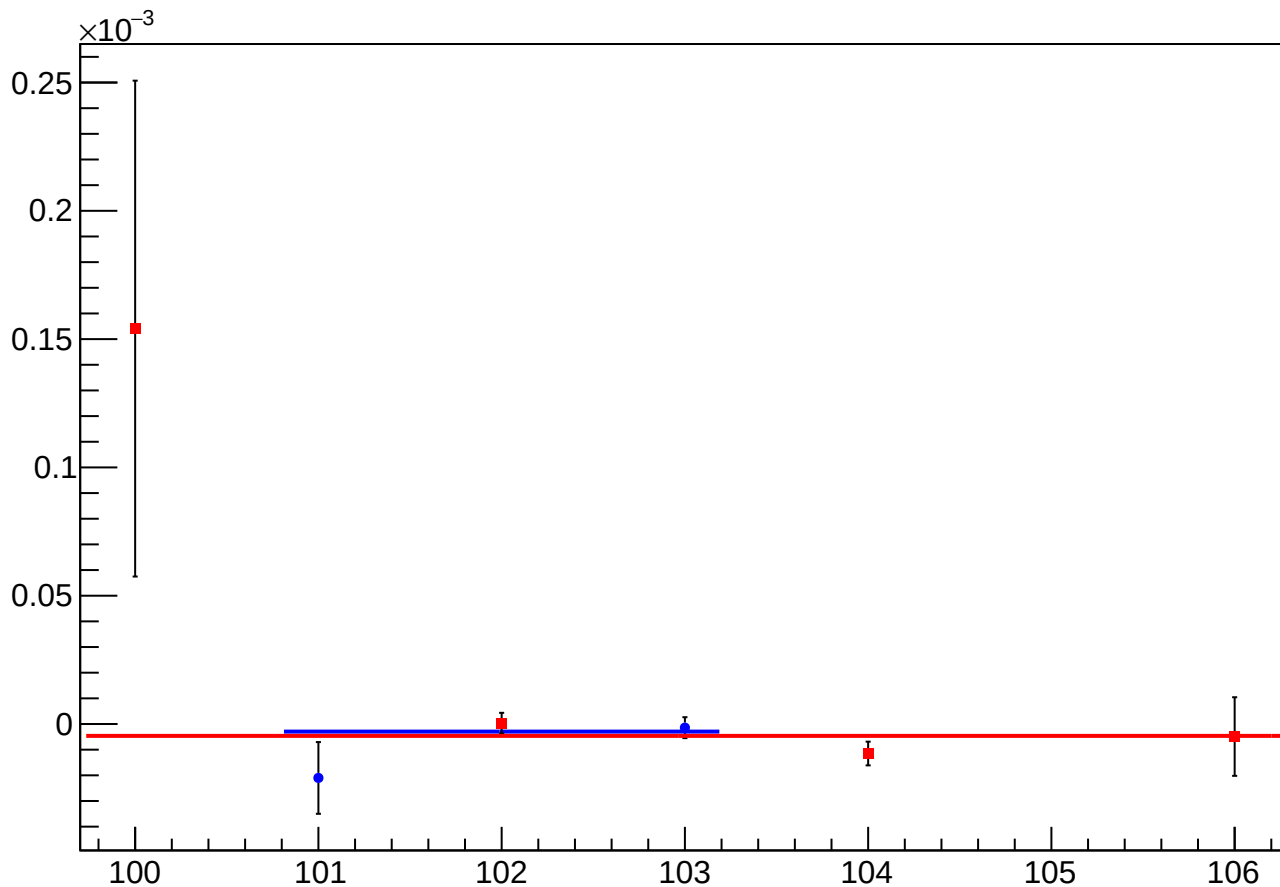
Right: 155.132+/-0.115 χ^2/NDF : 2908979.0/5

In: 345.517+/-0.263 χ^2/NDF : 603874.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.132+/-0.115 χ^2/NDF : 2908979.0/5

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

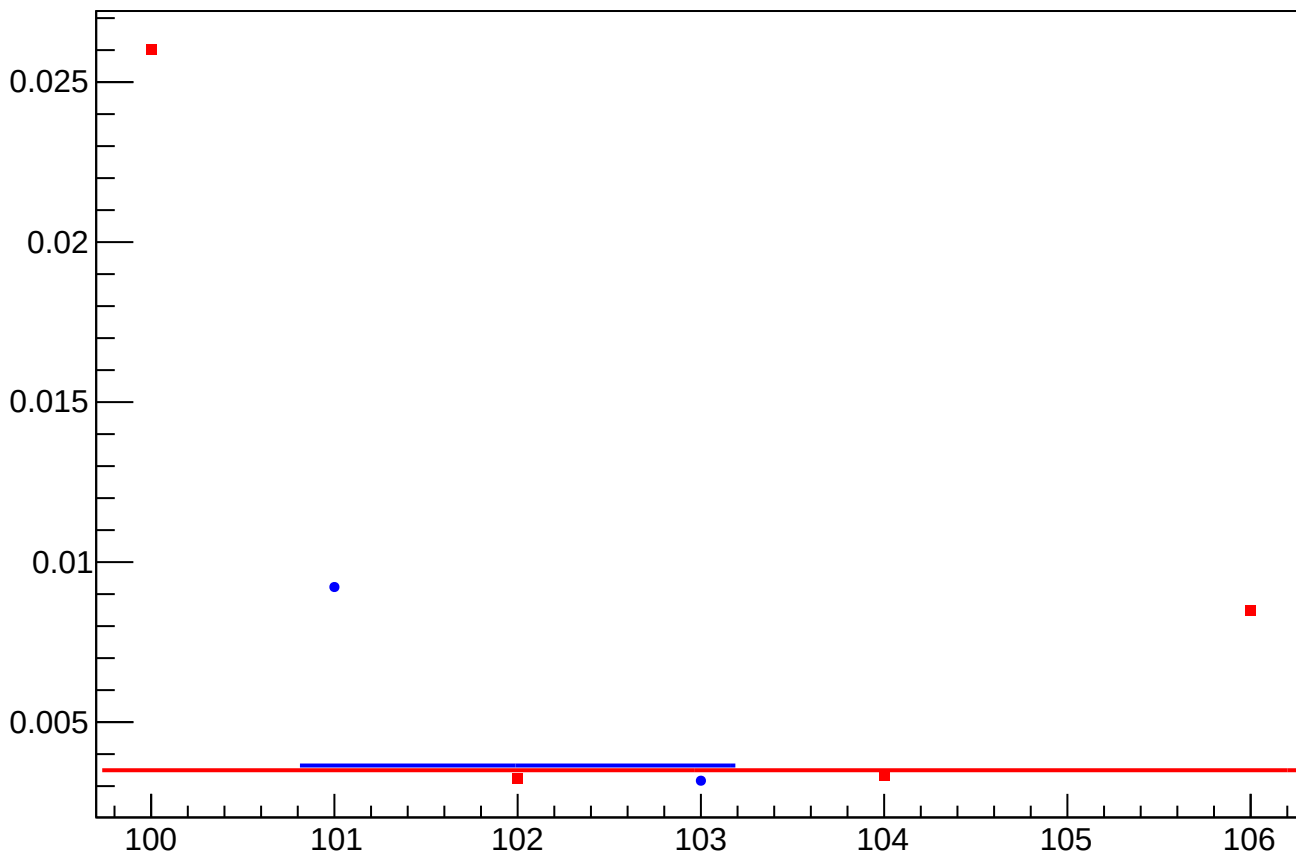
Right: -0.000+/-0.000 χ^2 /NDF: 8.3/5

In: -0.000+/-0.000 χ^2 /NDF:1.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.3/5

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 345648.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 331565.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

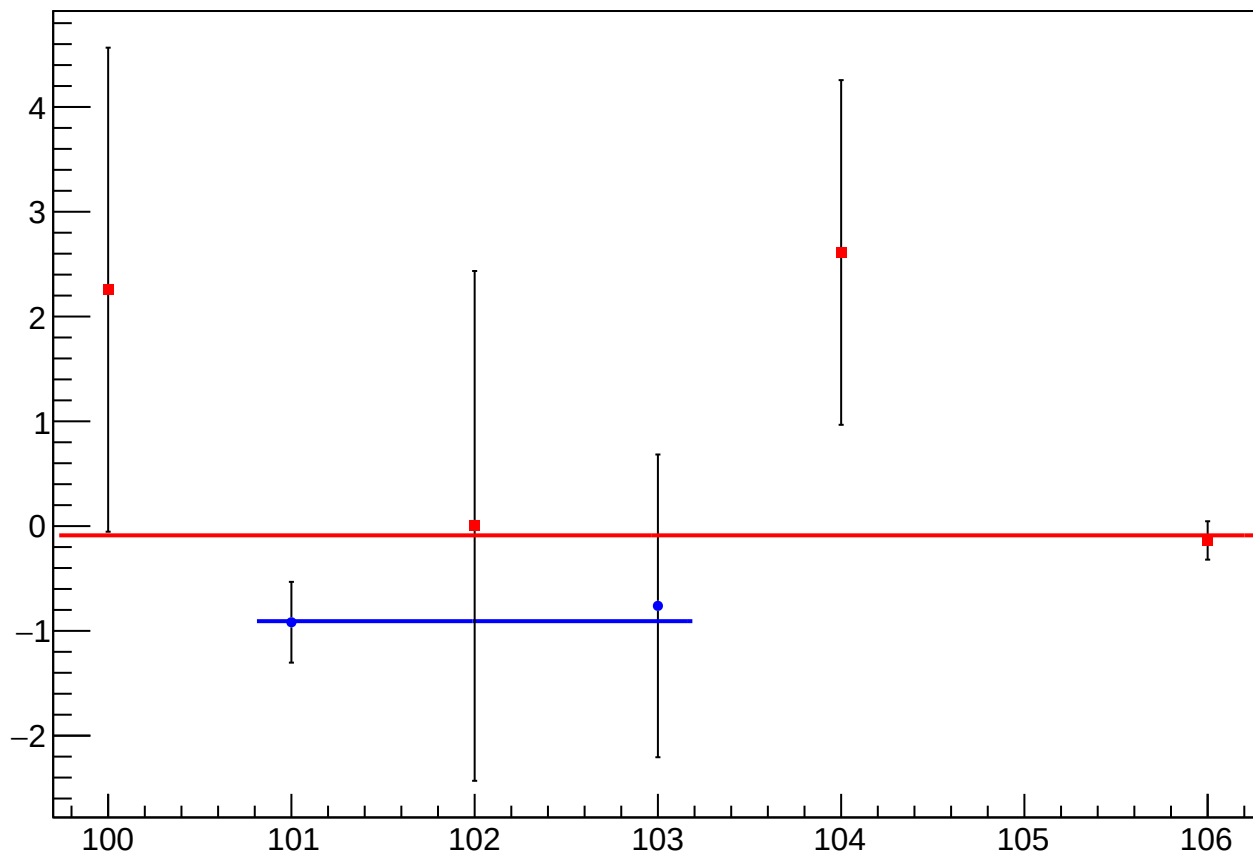
Right: 0.004+/-0.000 χ^2/NDF : 679013.4/5

In: 0.004+/-0.000 χ^2/NDF : 345648.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 679013.4/5

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.088 ± 0.181 χ^2/NDF : 3.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

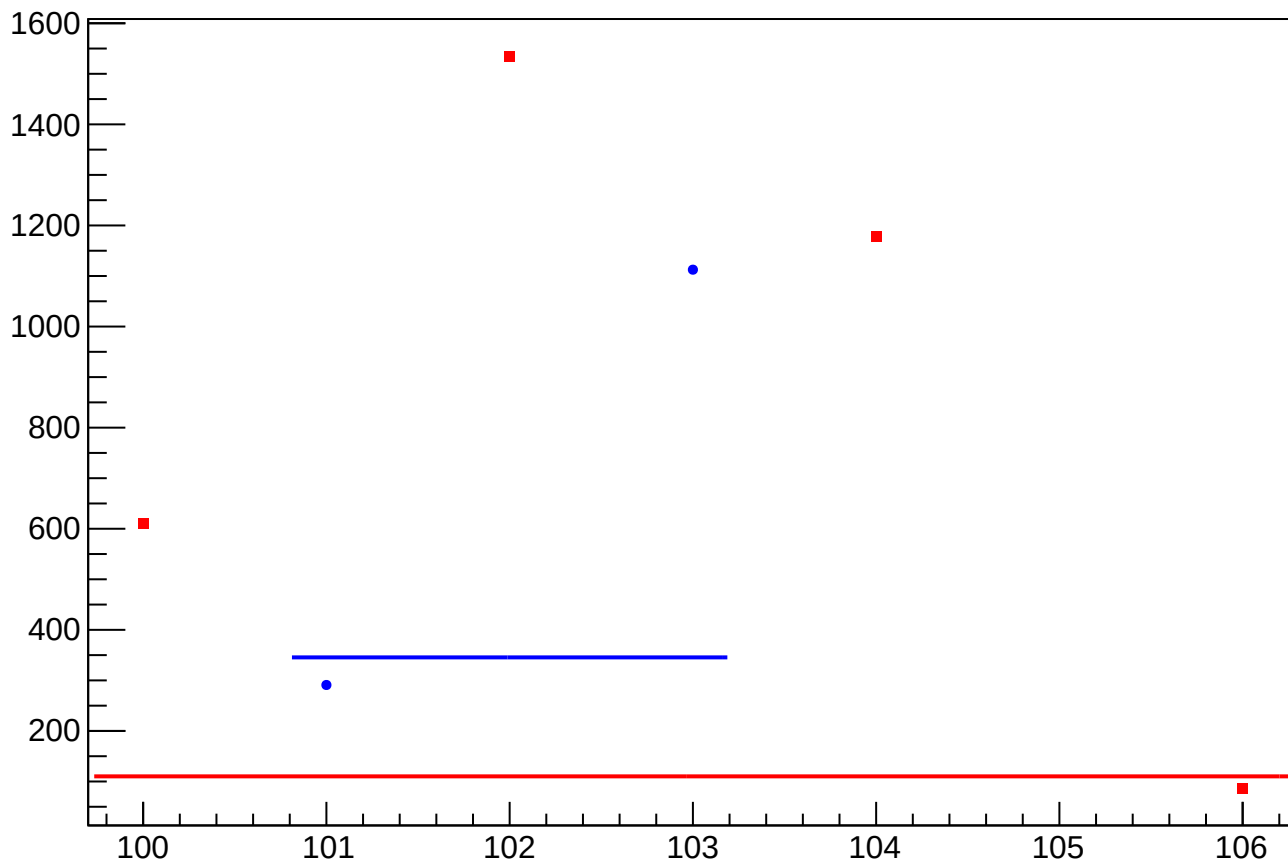
Right: -0.245 ± 0.163 χ^2/NDF : 7.7/5

In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.245 ± 0.163 χ^2/NDF : 7.7/5

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.151+/-0.128 χ^2/NDF : 1658761.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

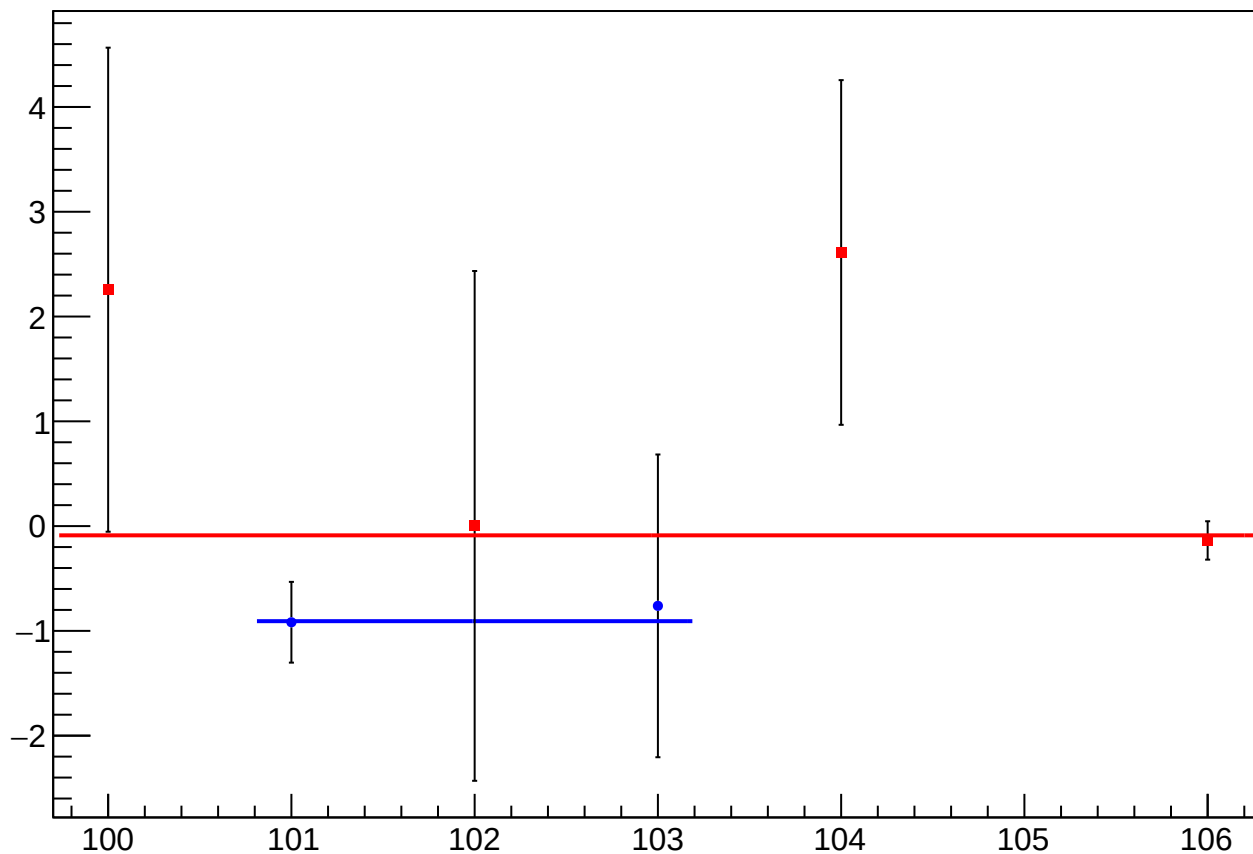
Right: 155.132+/-0.115 χ^2/NDF : 2908978.6/5

In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.132+/-0.115 χ^2/NDF : 2908978.6/5

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.088 ± 0.181 χ^2/NDF : 3.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

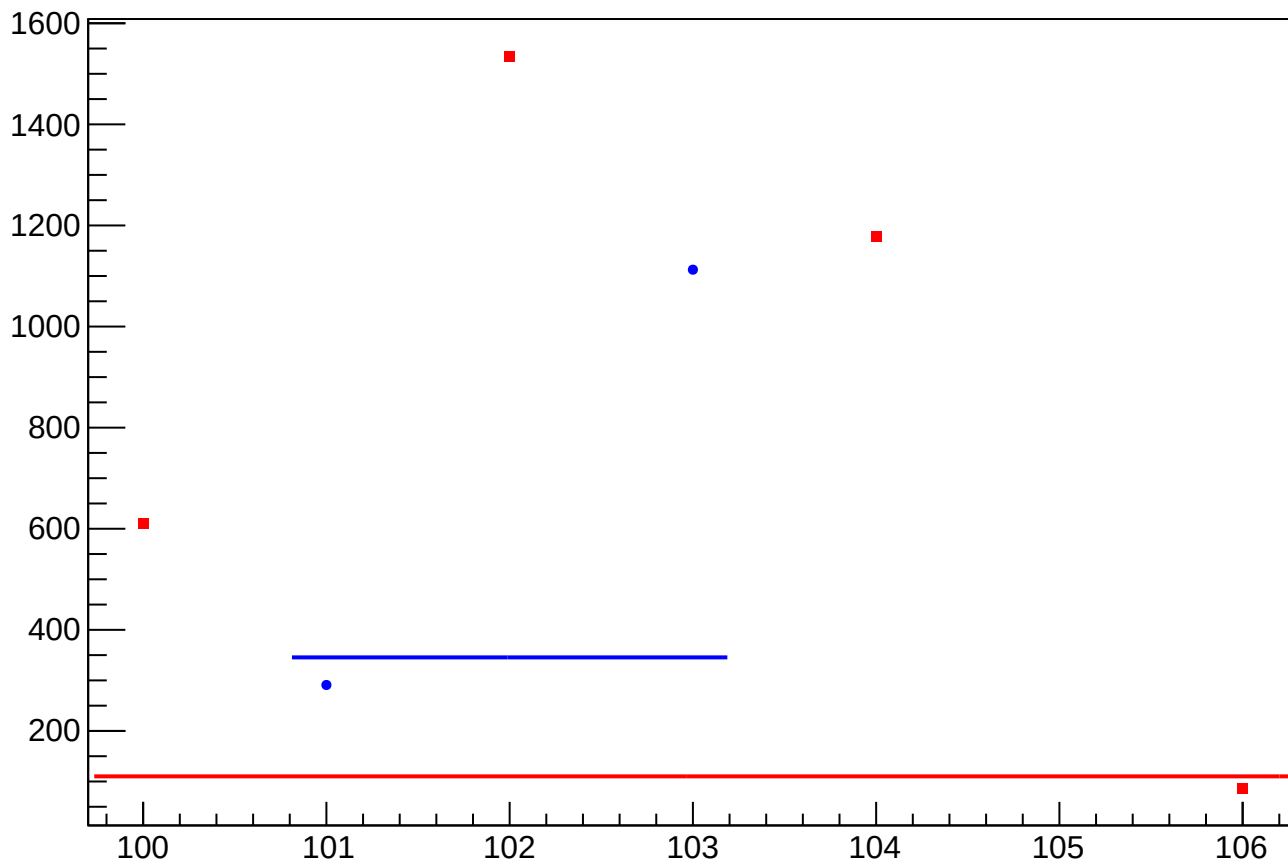
Right: -0.245 ± 0.163 χ^2/NDF : 7.7/5

In: -0.907 ± 0.372 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.245 ± 0.163 χ^2/NDF : 7.7/5

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.518 $\pm$ 0.263 χ^2 /NDF: 603870.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.151 $\pm$ 0.128 χ^2 /NDF: 1658761.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

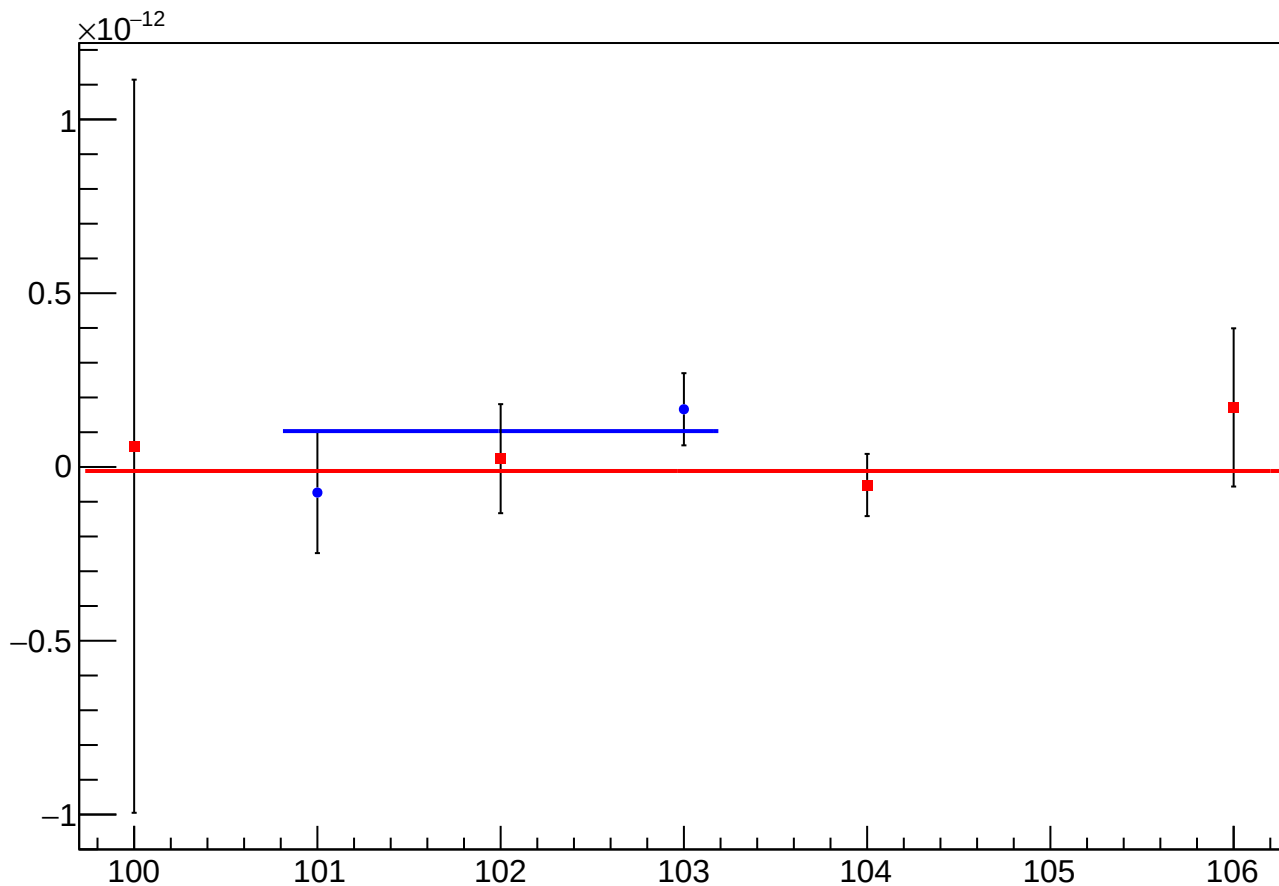
Right: 155.132 $\pm$ 0.115 χ^2 /NDF: 2908978.6/5

In: 345.518 $\pm$ 0.263 χ^2 /NDF:603870.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 155.132 $\pm$ 0.115 χ^2 /NDF: 2908978.6/5

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

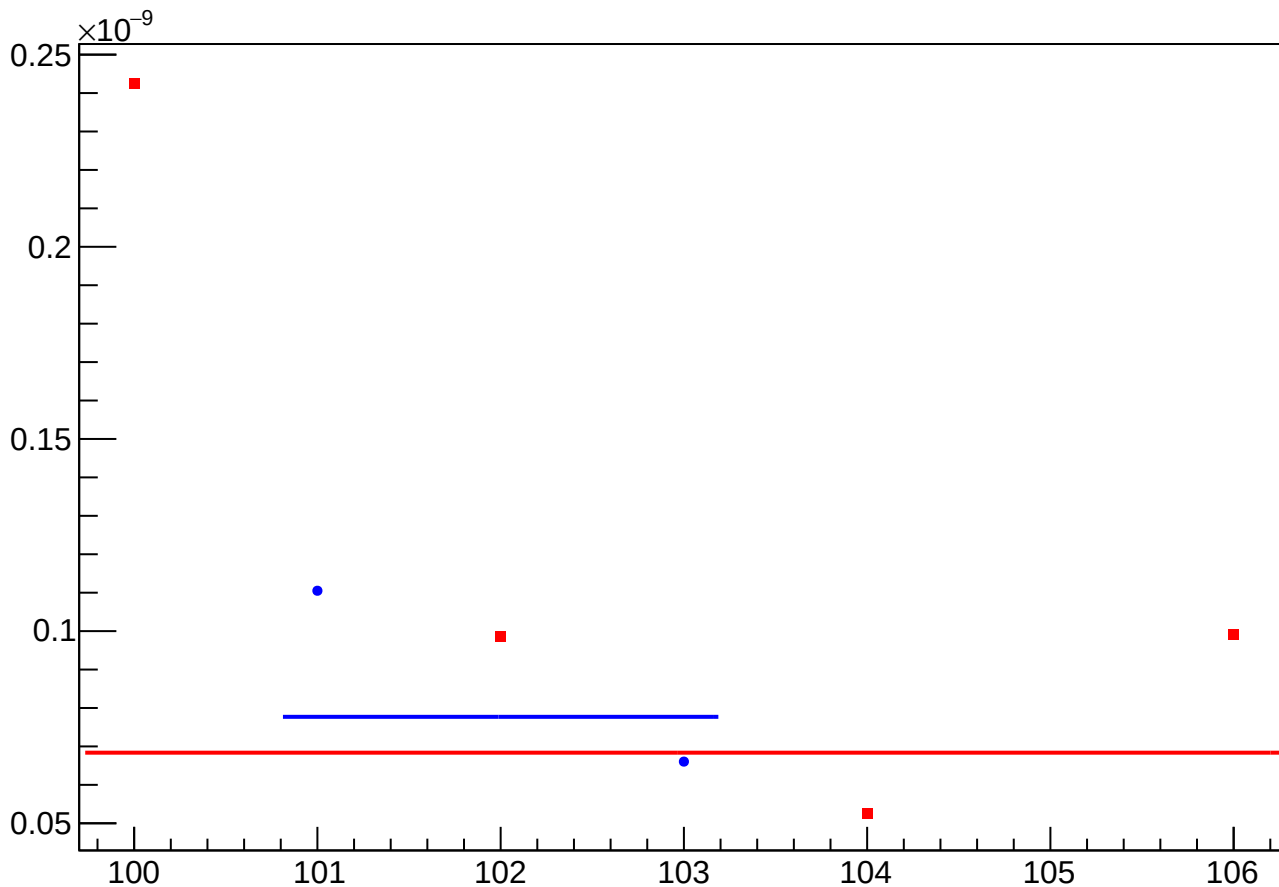
Right: 0.000+/-0.000 χ^2/NDF : 3.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/5

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 96135.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 227873.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

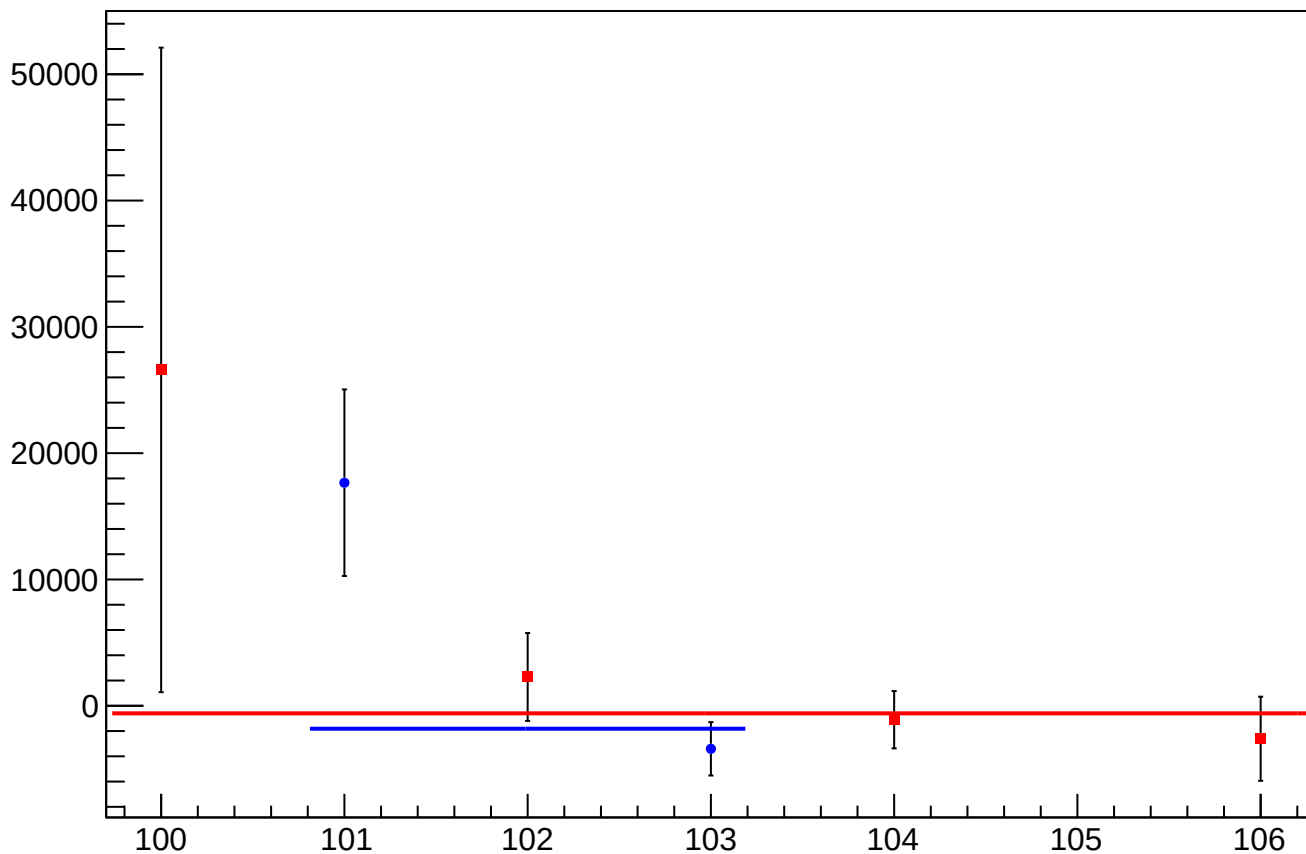
Right: 0.000+/-0.000 χ^2/NDF : 337055.3/5

In: 0.000+/-0.000 χ^2/NDF : 96135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 337055.3/5

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1815.039+/-2031.217 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -599.001+/-1647.439 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

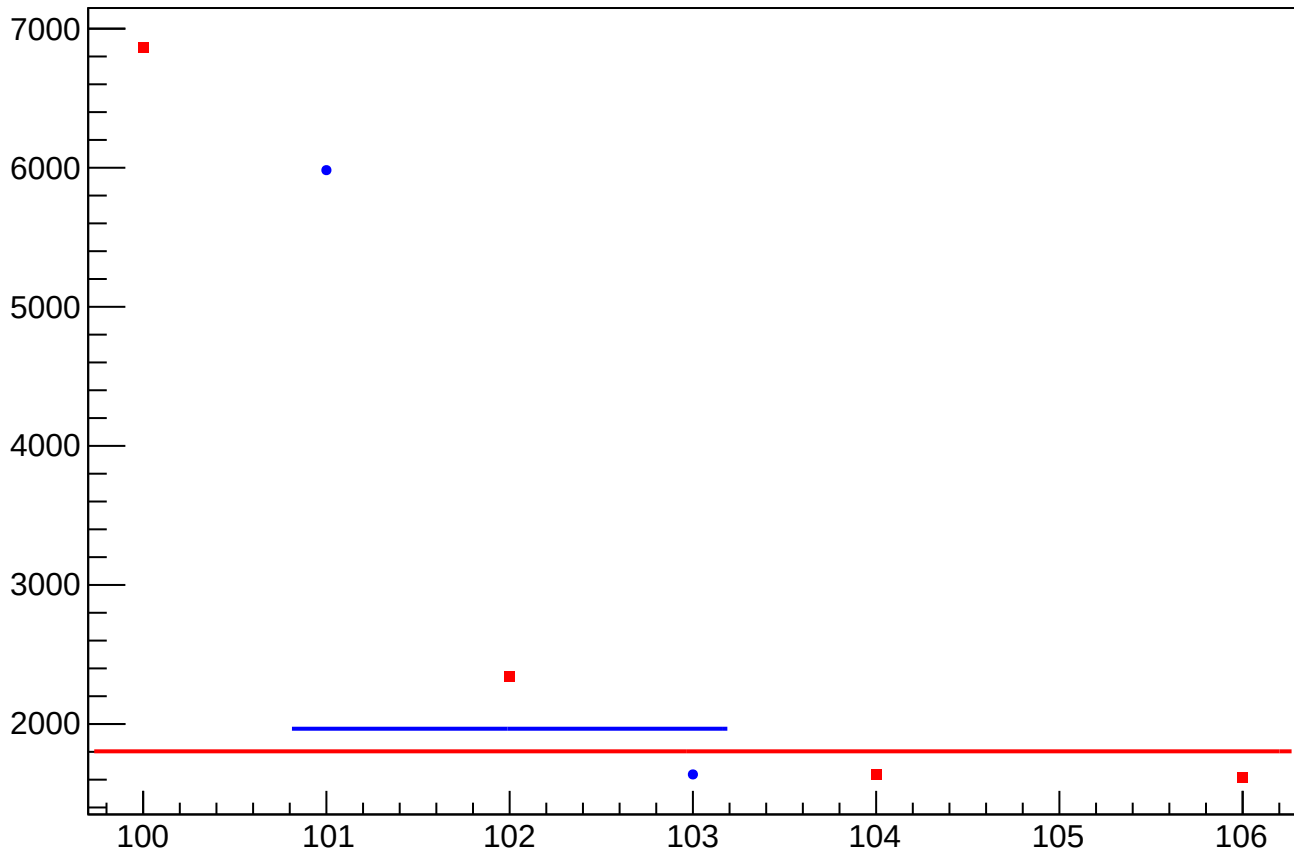
Right: -1081.522+/-1279.502 χ^2/NDF : 10.0/5

In: -1815.039+/-2031.217 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1081.522+/-1279.502 χ^2/NDF : 10.0/5

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.209+/-1.436 χ^2/NDF : 639655.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1803.692+/-1.144 χ^2/NDF : 145537.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

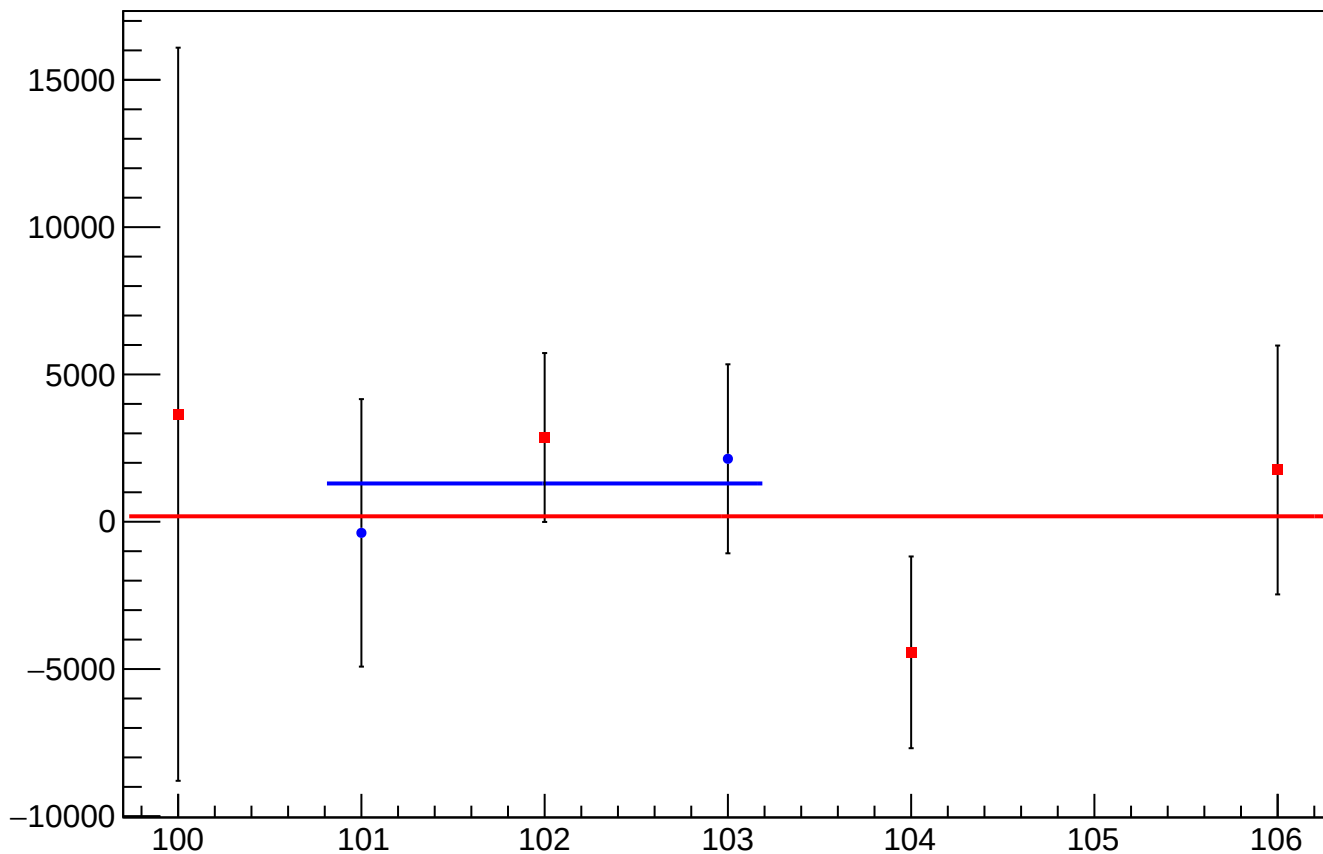
Right: 1866.756+/-0.895 χ^2/NDF : 793027.7/5

In: 1966.209+/-1.436 χ^2/NDF : 639655.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.756+/-0.895 χ^2/NDF : 793027.7/5

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1299.239 $\pm$ 2620.017 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 184.617 $\pm$ -1894.498 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

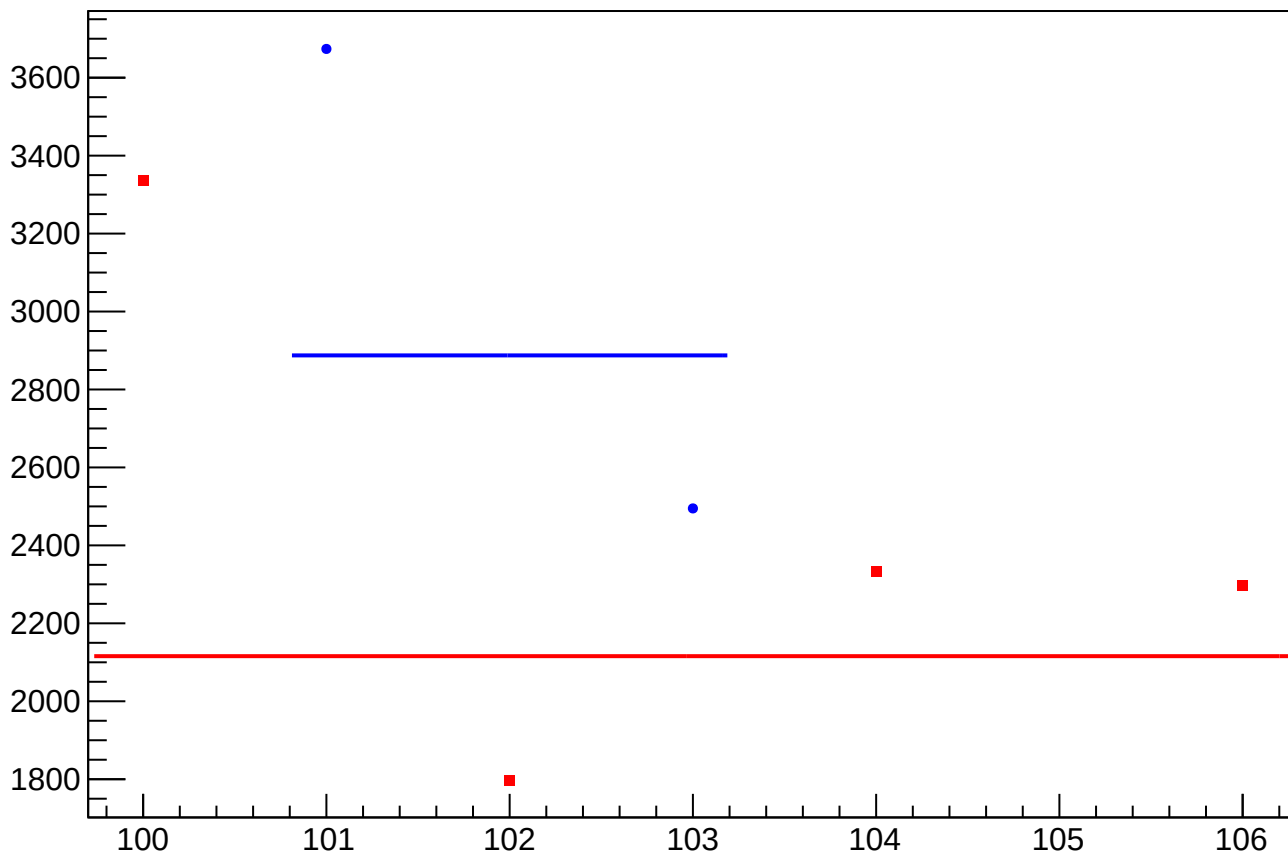
Right: 567.309 $\pm$ -1535.200 χ^2 /NDF: 3.4/5

In: 1299.239 $\pm$ -2620.017 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 567.309 $\pm$ -1535.200 χ^2 /NDF: 3.4/5

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2887.447 $\pm$ 1.853 χ^2 /NDF: 89950.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2115.734 $\pm$ 1.340 χ^2 /NDF: 56507.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

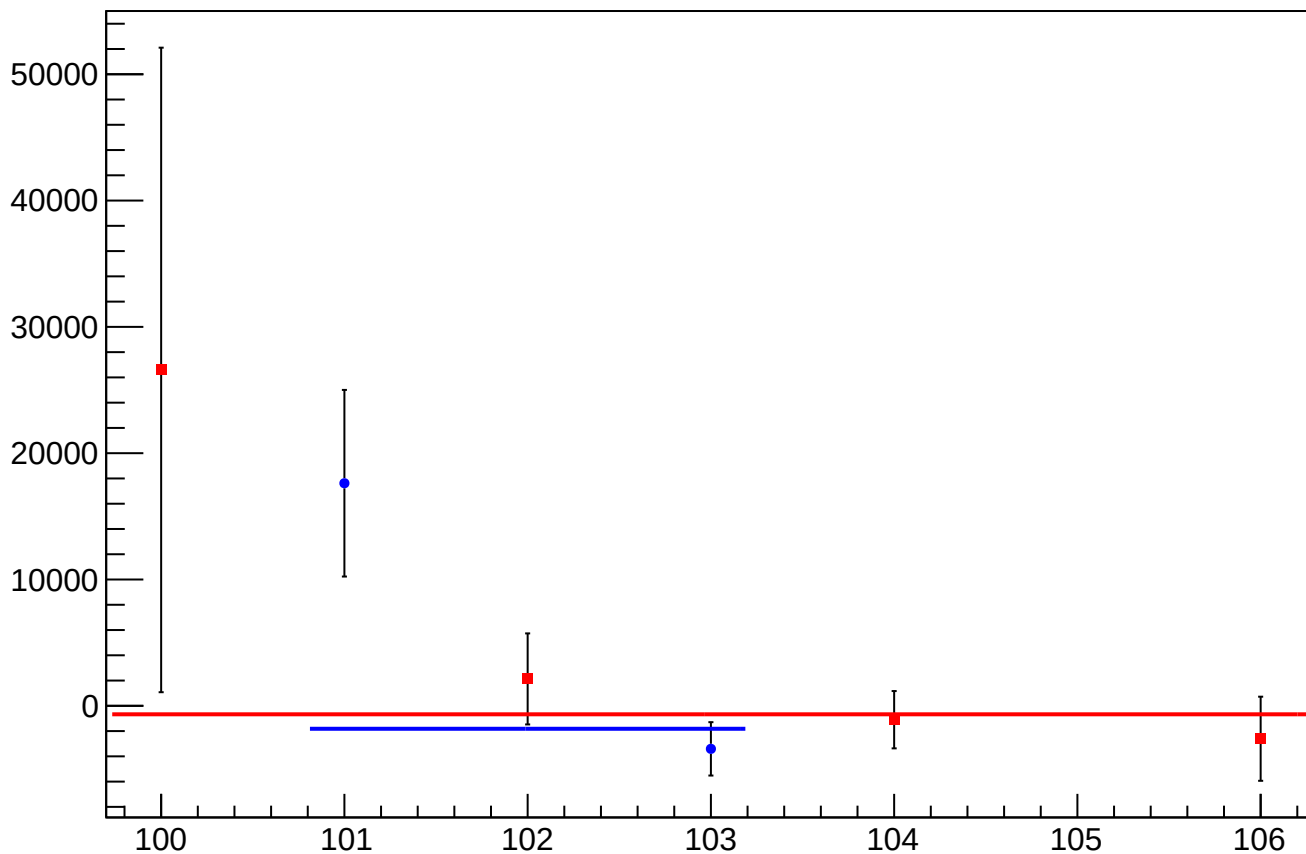
Right: 2380.692 $\pm$ 1.086 χ^2 /NDF: 260397.4/5

In: 2887.447 $\pm$ 1.853 χ^2 /NDF:89950.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2380.692 $\pm$ 1.086 χ^2 /NDF: 260397.4/5

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1817.345+/-2031.219 χ^2 /NDF: 7.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -671.917+/-1659.765 χ^2 /NDF: 2.1/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

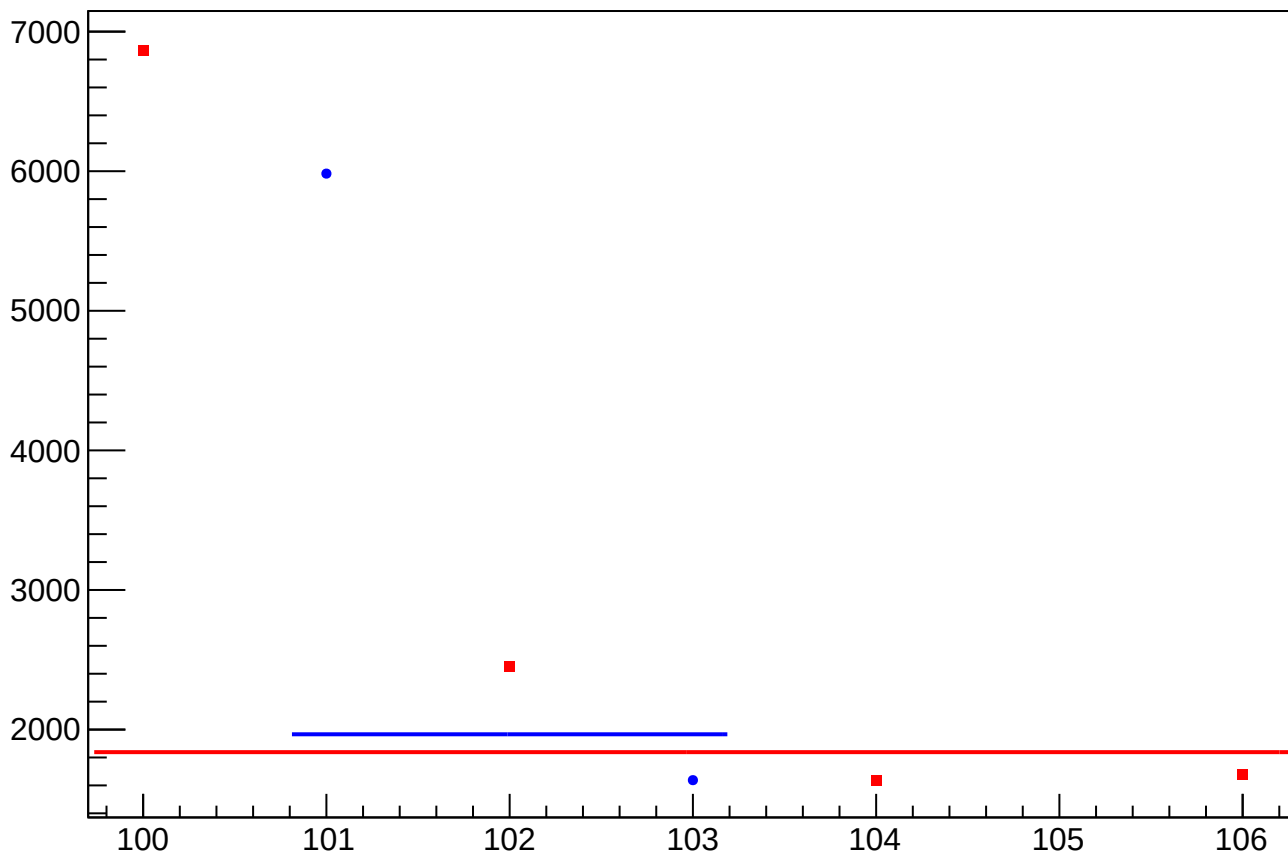
Right: -1130.513+/-1285.251 χ^2 /NDF: 9.8/5

In: -1817.345+/-2031.219 χ^2 /NDF: 7.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1130.513+/-1285.251 χ^2 /NDF: 9.8/5

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1838.286+/-1.164 χ^2/NDF : 157479.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

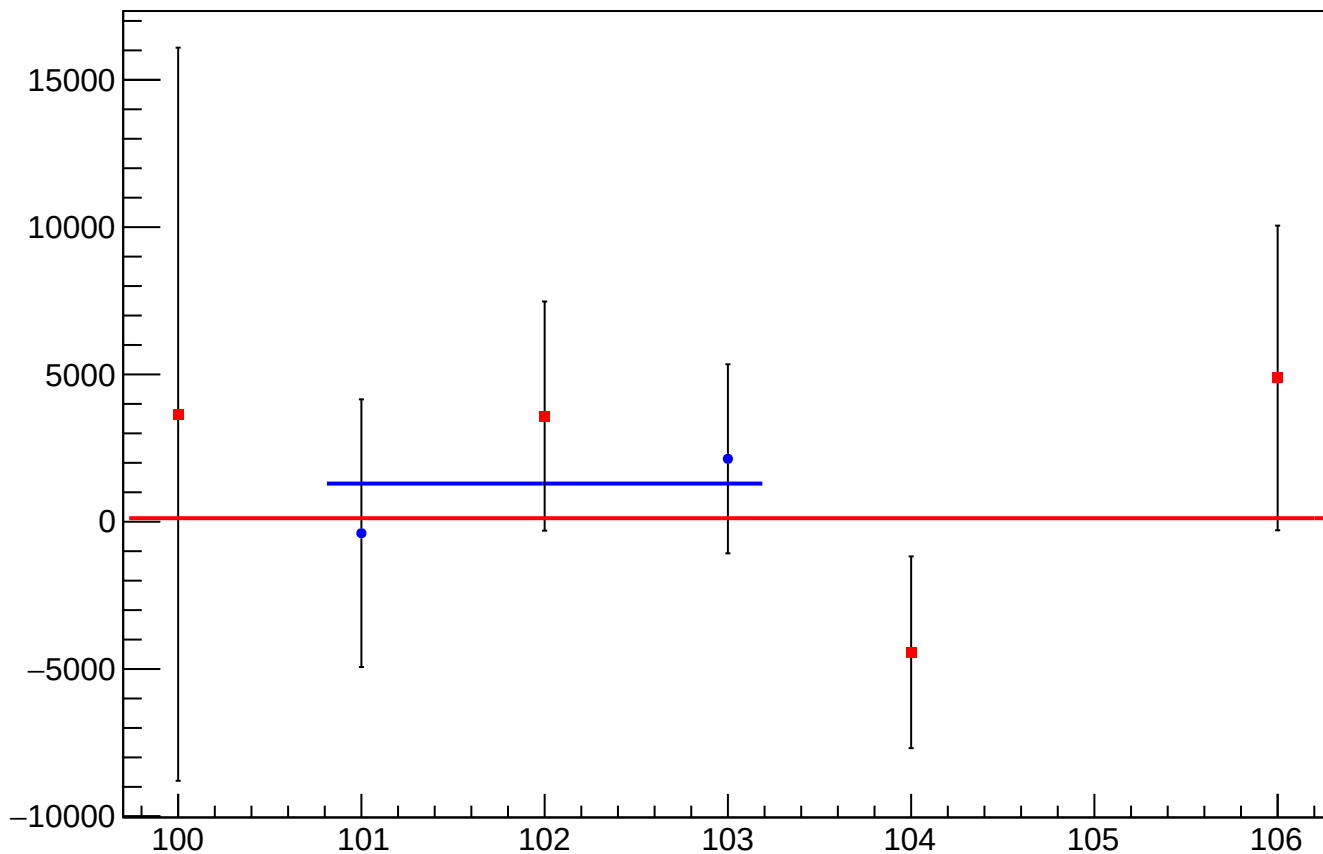
Right: 1888.977+/-0.904 χ^2/NDF : 801924.3/5

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.977+/-0.904 χ^2/NDF : 801924.3/5

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1295.616 $\pm$ 2620.983 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.441 $\pm$ 2212.064 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

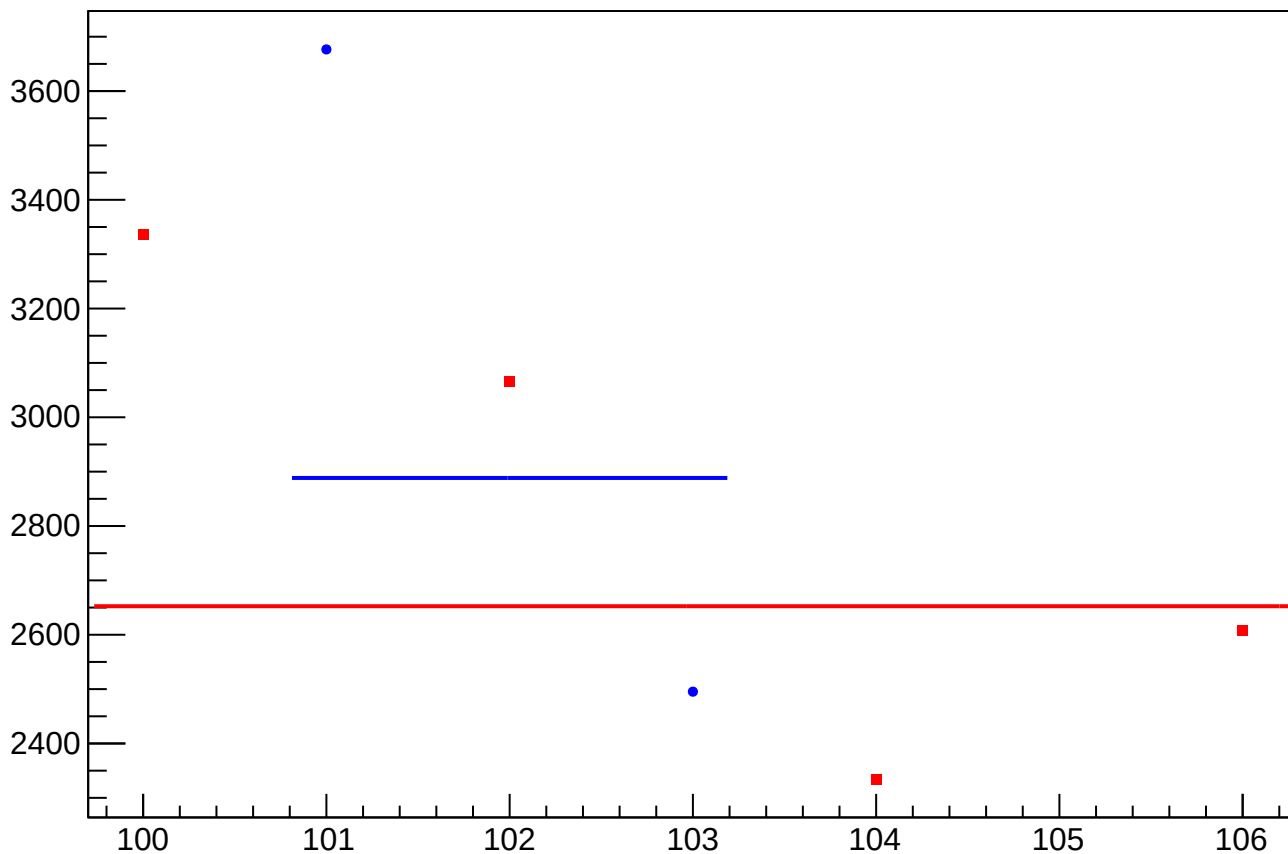
Right: 609.305 $\pm$ 1690.468 χ^2 /NDF: 4.0/5

In: 1295.616 $\pm$ 2620.983 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 609.305 $\pm$ 1690.468 χ^2 /NDF: 4.0/5

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.477+/-1.564 χ^2/NDF : 48003.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

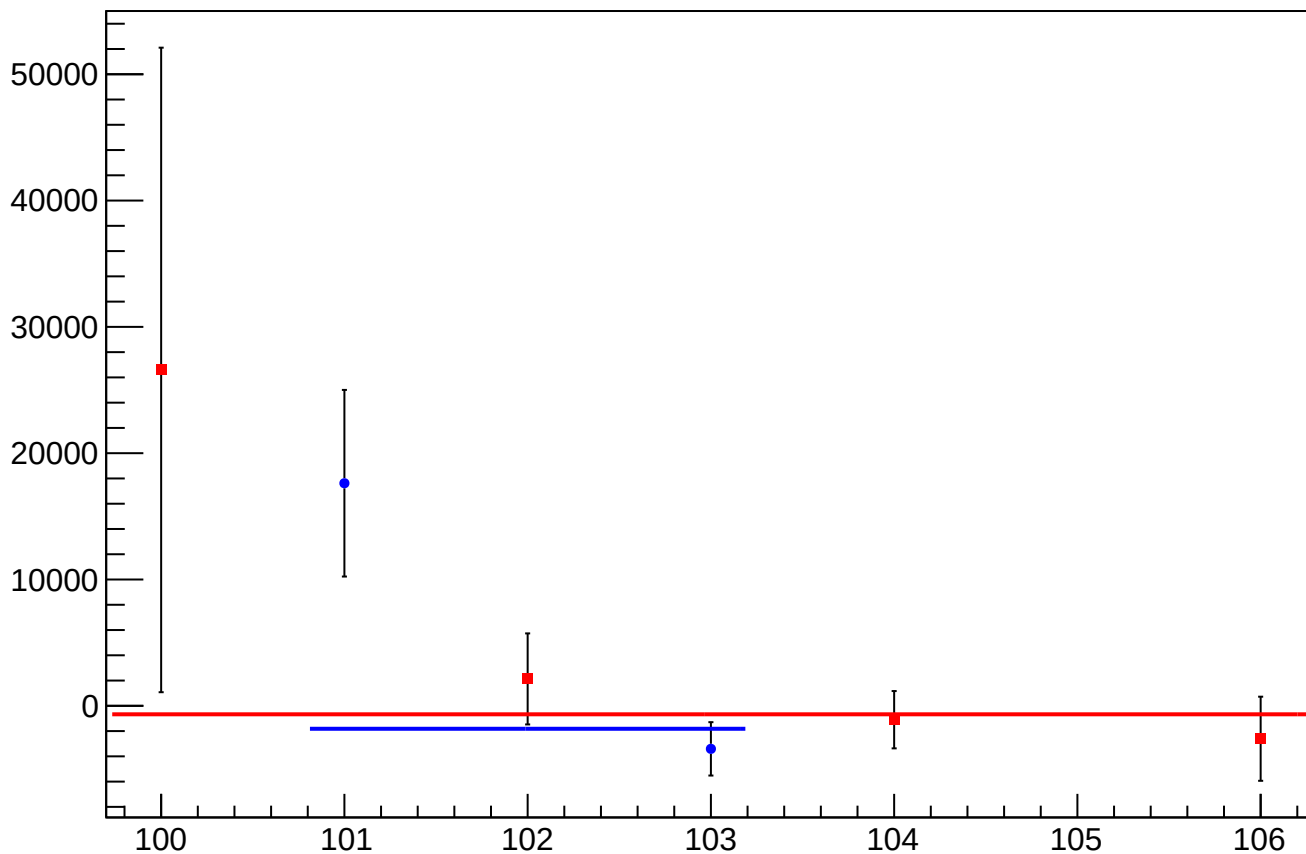
Right: 2750.620+/-1.195 χ^2/NDF : 147677.7/5

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.620+/-1.195 χ^2/NDF : 147677.7/5

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -671.917+/-1659.765 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

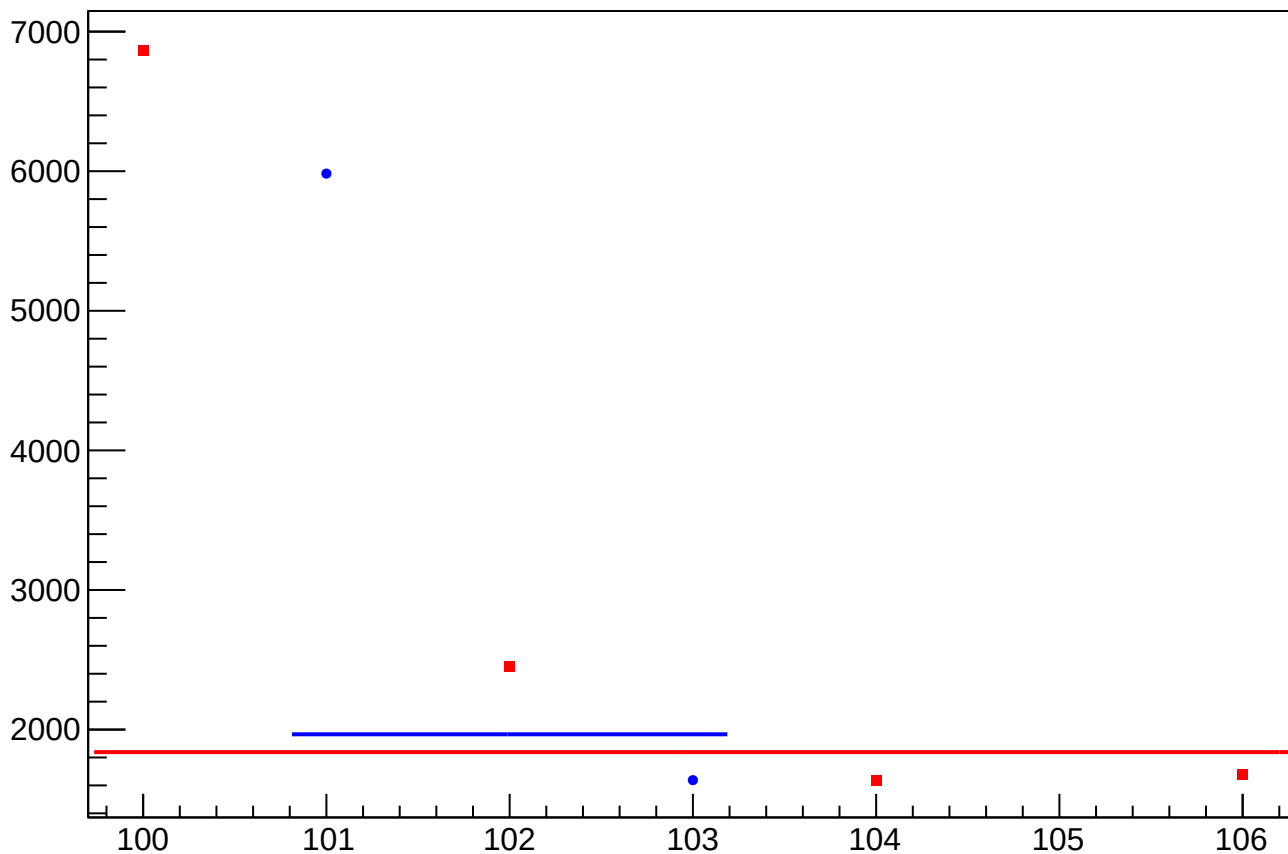
Right: -1130.513+/-1285.251 χ^2/NDF : 9.8/5

In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1130.513+/-1285.251 χ^2/NDF : 9.8/5

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1838.286+/-1.164 χ^2/NDF : 157479.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

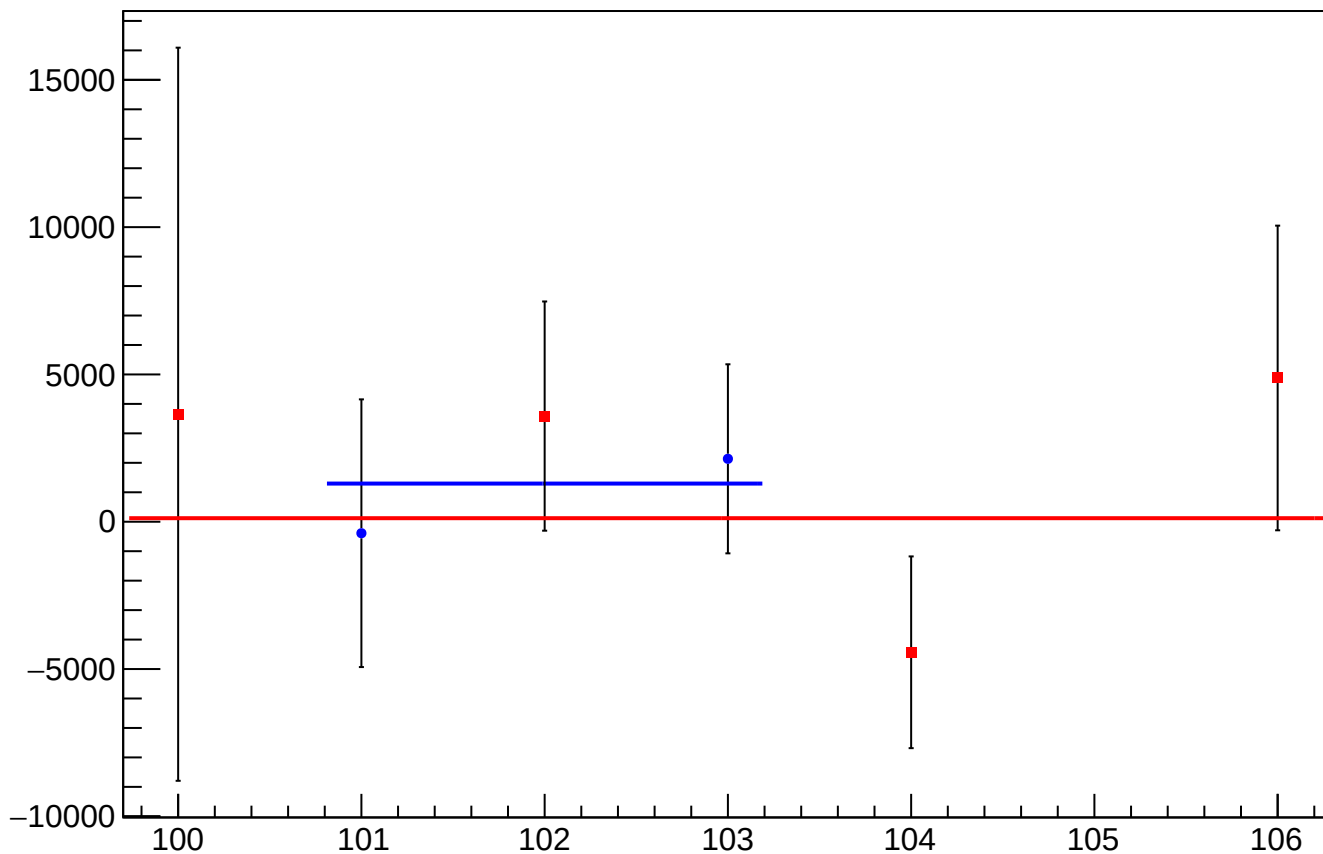
Right: 1888.977+/-0.904 χ^2/NDF : 801924.3/5

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.977+/-0.904 χ^2/NDF : 801924.3/5

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1295.616+/-2620.983 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.441+/-2212.064 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

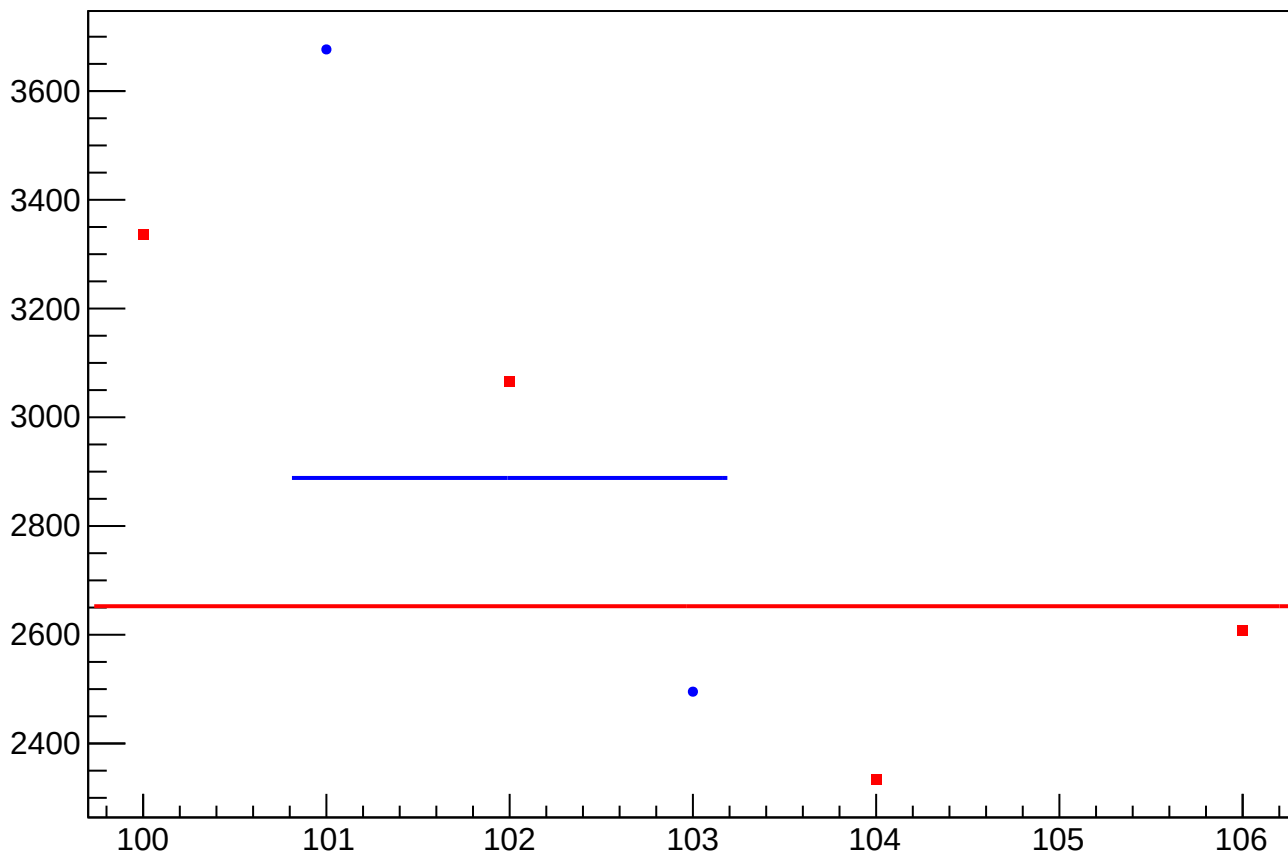
Right: 609.305+/-1690.468 χ^2/NDF : 4.0/5

In: 1295.616+/-2620.983 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.305+/-1690.468 χ^2/NDF : 4.0/5

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2652.477+/-1.564 χ^2/NDF : 48003.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

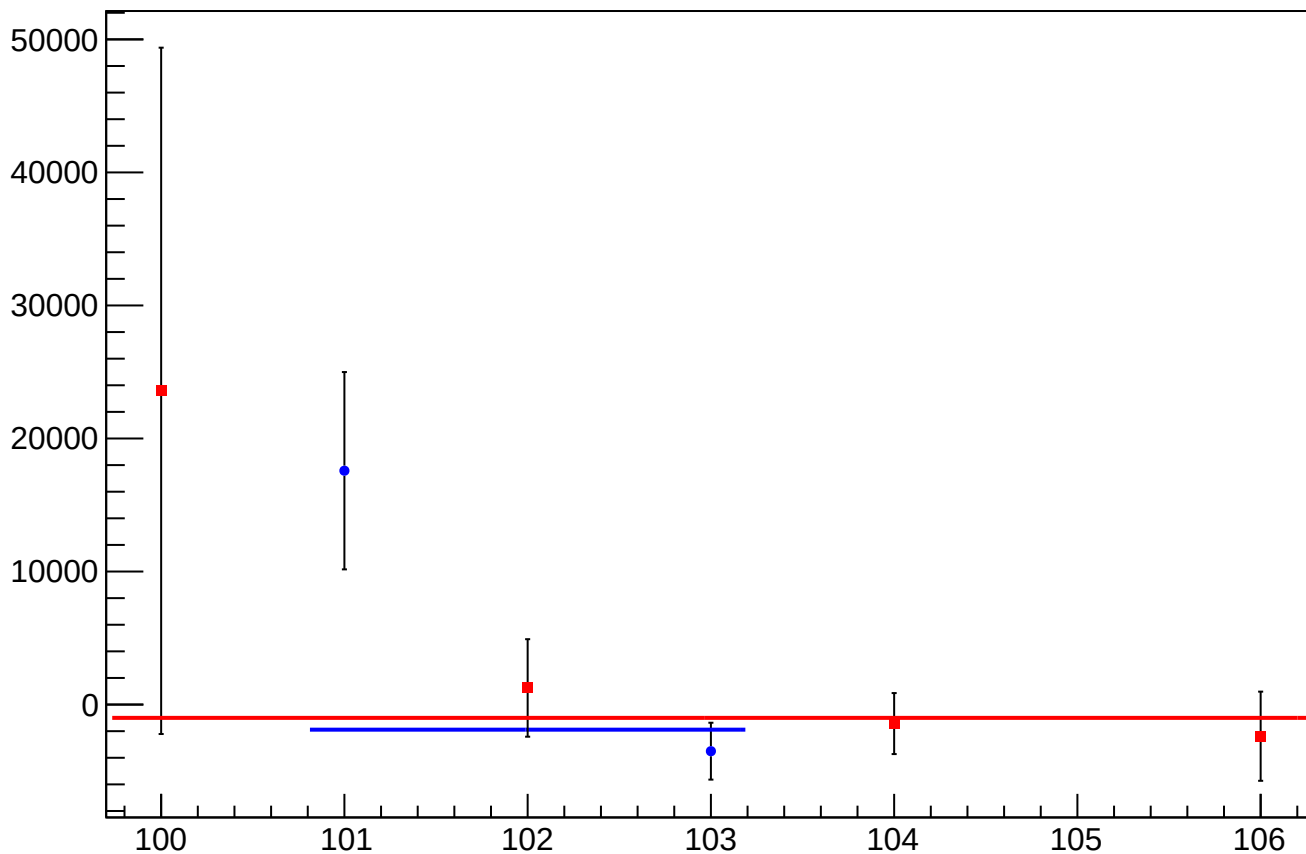
Right: 2750.620+/-1.195 χ^2/NDF : 147677.7/5

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2750.620+/-1.195 χ^2/NDF : 147677.7/5

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1886.988+/-2053.963 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1000.038+/-1677.909 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

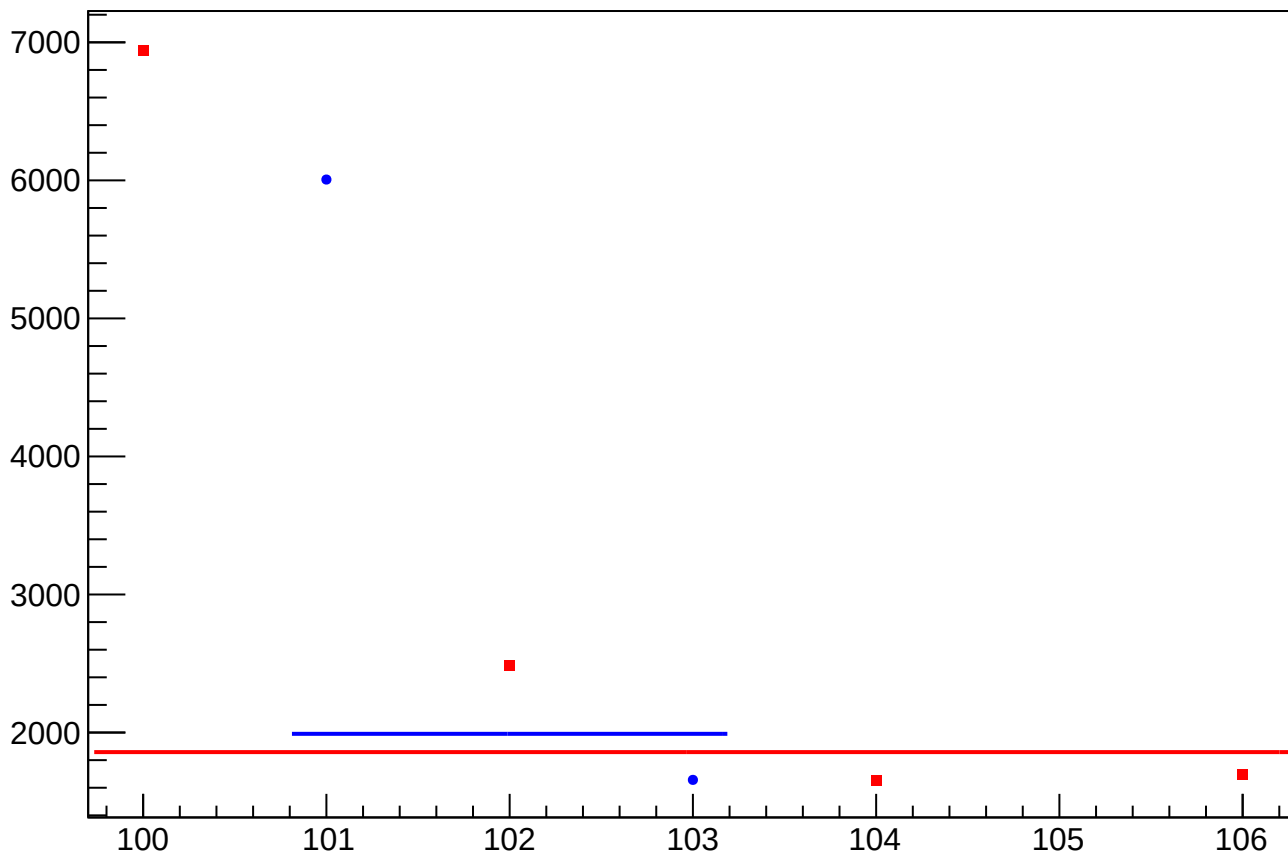
Right: -1355.035+/-1299.438 χ^2/NDF : 9.1/5

In: -1886.988+/-2053.963 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1355.035+/-1299.438 χ^2/NDF : 9.1/5

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1990.630+/-1.452 χ^2/NDF : 635003.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.212+/-1.179 χ^2/NDF : 156670.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

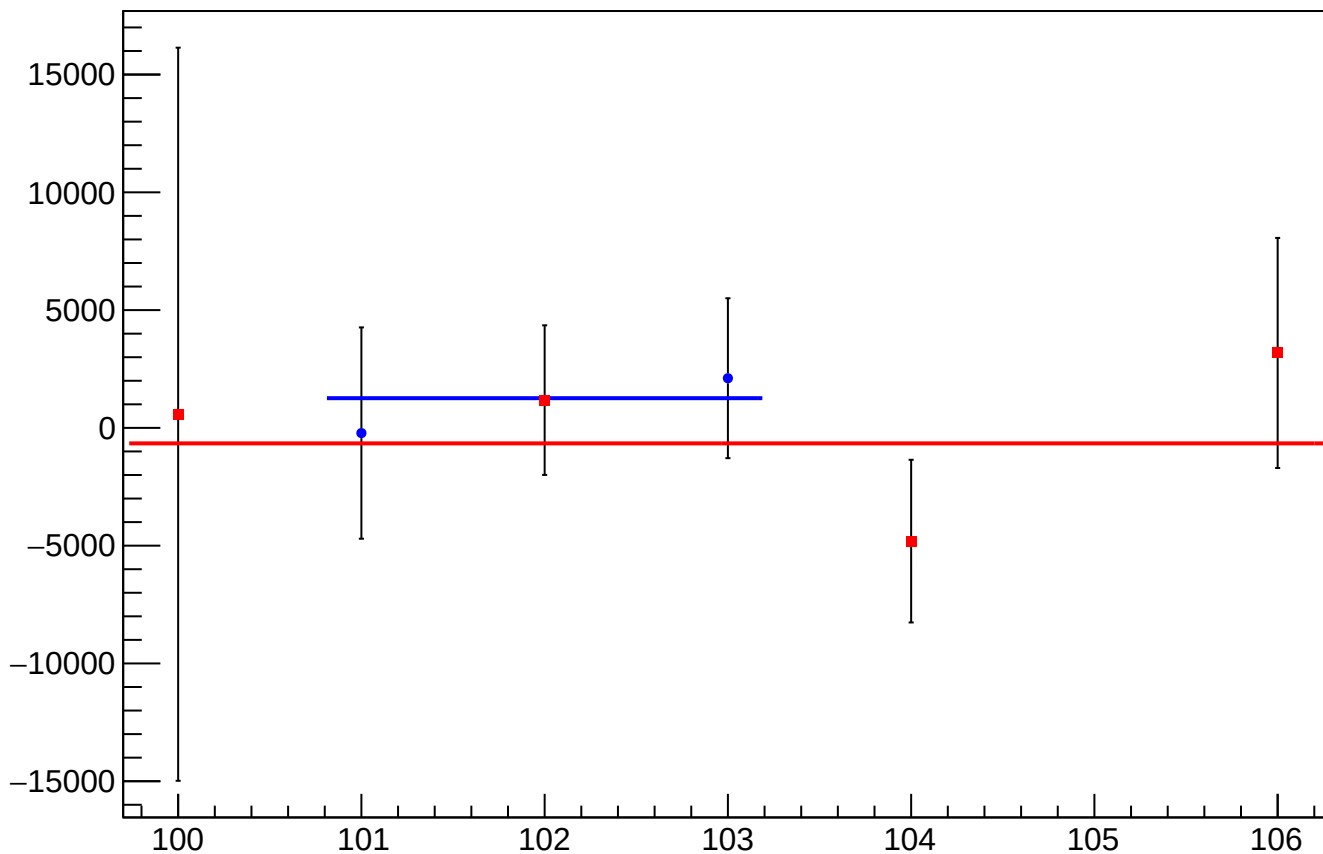
Right: 1910.836+/-0.916 χ^2/NDF : 796683.2/5

In: 1990.630+/-1.452 χ^2/NDF : 635003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.836+/-0.916 χ^2/NDF : 796683.2/5

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.744+/-2706.817 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -657.710+/-2089.301 χ^2/NDF : 2.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

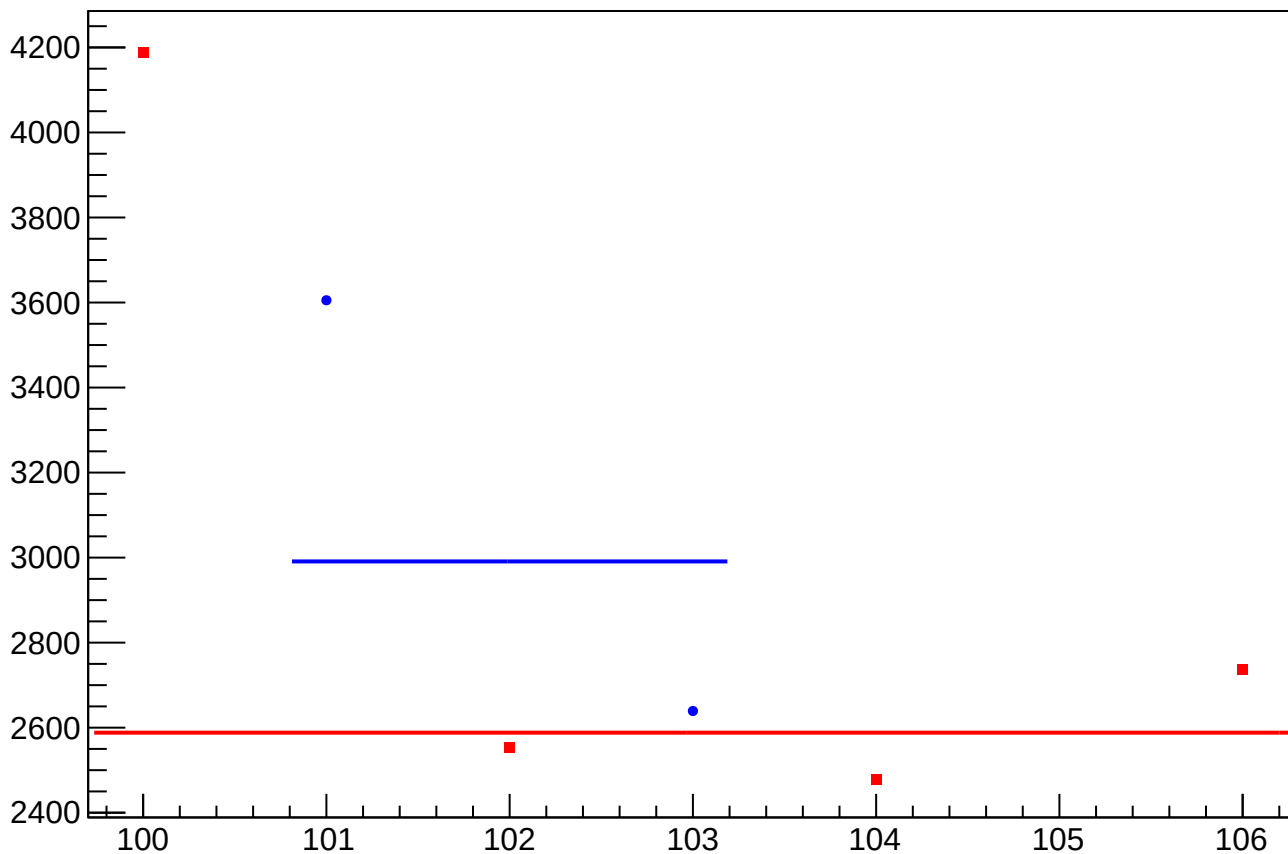
Right: 58.538+/-1653.921 χ^2/NDF : 2.9/5

In: 1260.744+/-2706.817 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.538+/-1653.921 χ^2/NDF : 2.9/5

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2991.003+/-1.914 χ^2/NDF : 58998.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2588.216+/-1.477 χ^2/NDF : 25329.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

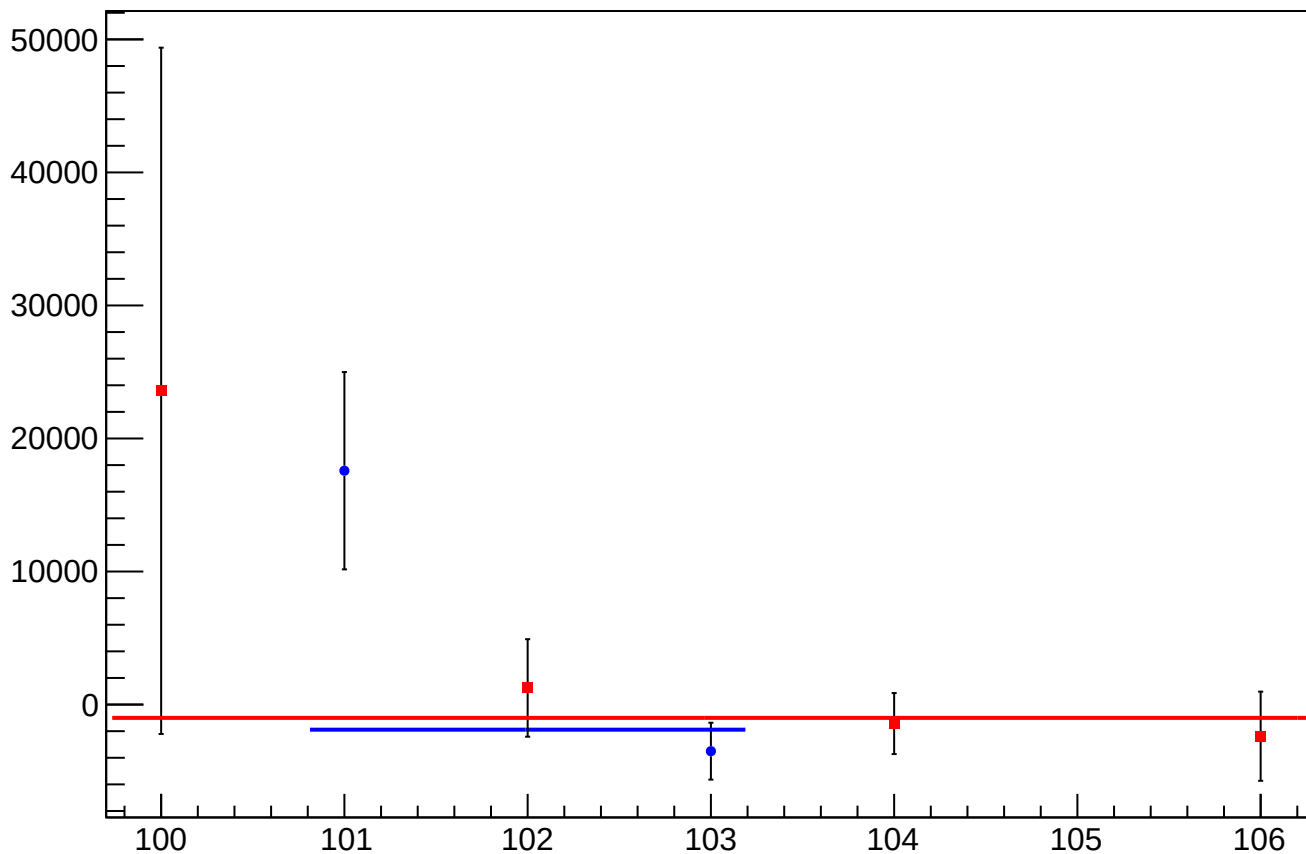
Right: 2738.595+/-1.169 χ^2/NDF : 112079.2/5

In: 2991.003+/-1.914 χ^2/NDF : 58998.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2738.595+/-1.169 χ^2/NDF : 112079.2/5

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1886.984 $\pm$ 2053.964 χ^2 /NDF: 7.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1000.041 $\pm$ 1677.909 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

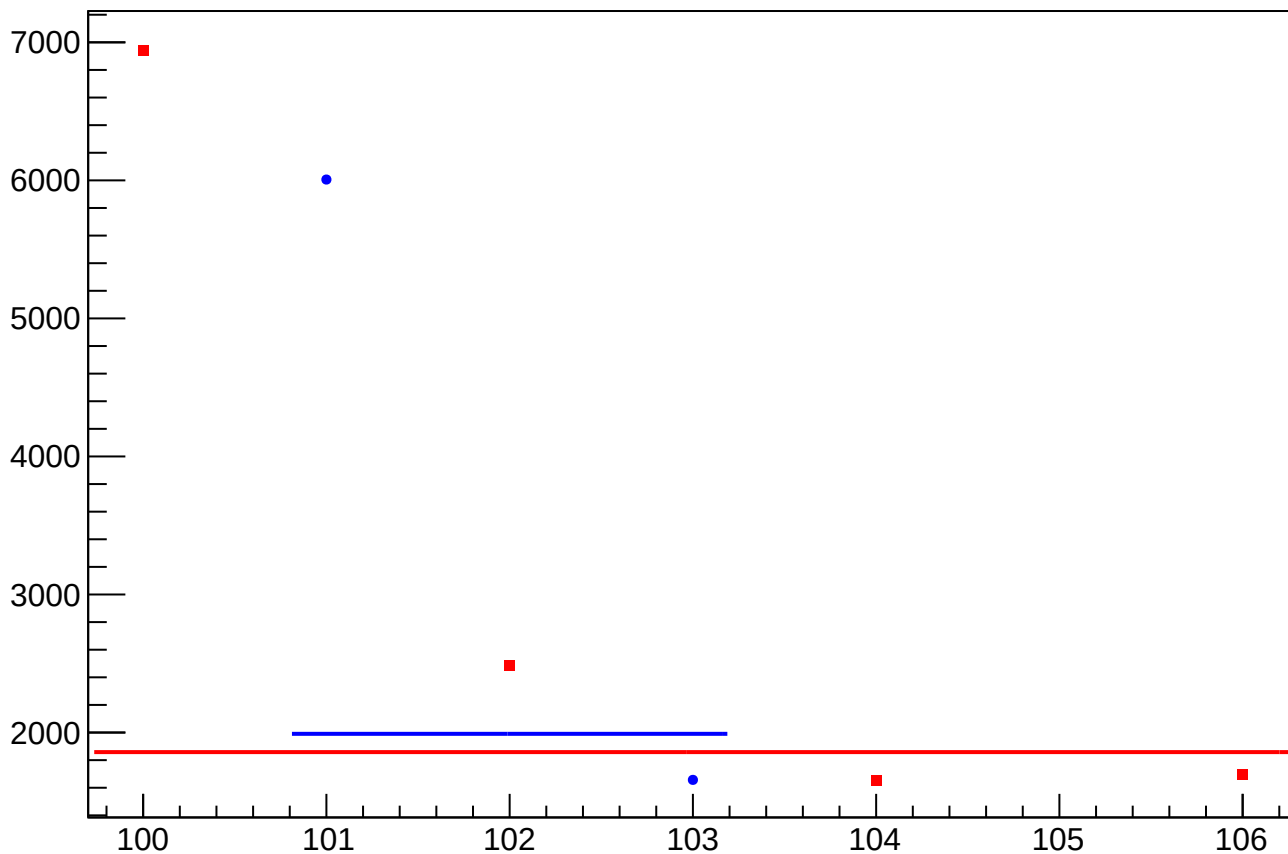
Right: -1355.035 $\pm$ 1299.438 χ^2 /NDF: 9.1/5

In: -1886.984 $\pm$ 2053.964 χ^2 /NDF: 7.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1355.035 $\pm$ 1299.438 χ^2 /NDF: 9.1/5

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1990.631+/-1.452 χ^2/NDF : 635003.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.212+/-1.179 χ^2/NDF : 156670.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

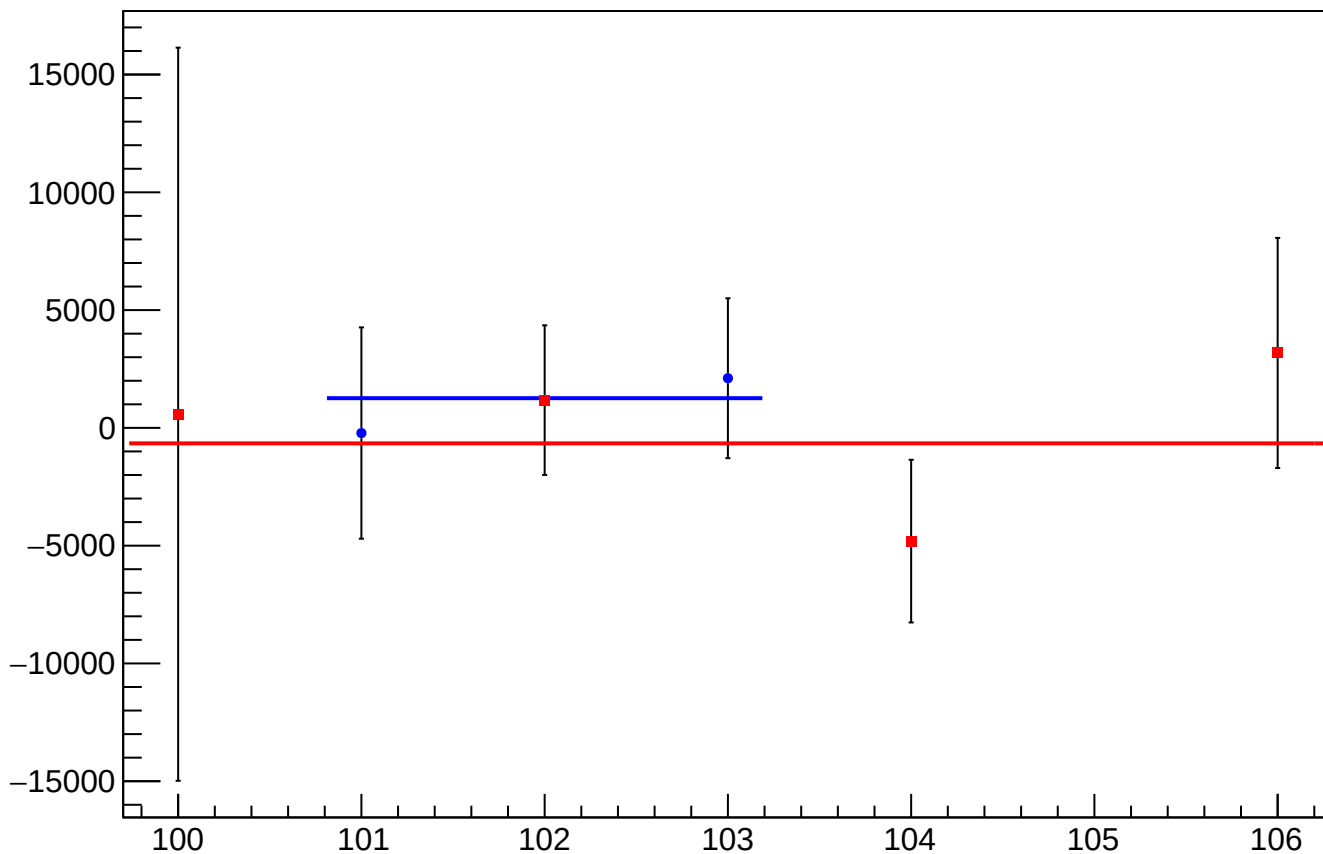
Right: 1910.836+/-0.916 χ^2/NDF : 796683.2/5

In: 1990.631+/-1.452 χ^2/NDF : 635003.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.836+/-0.916 χ^2/NDF : 796683.2/5

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1260.755+/-2706.816 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -657.714+/-2089.300 χ^2/NDF : 2.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

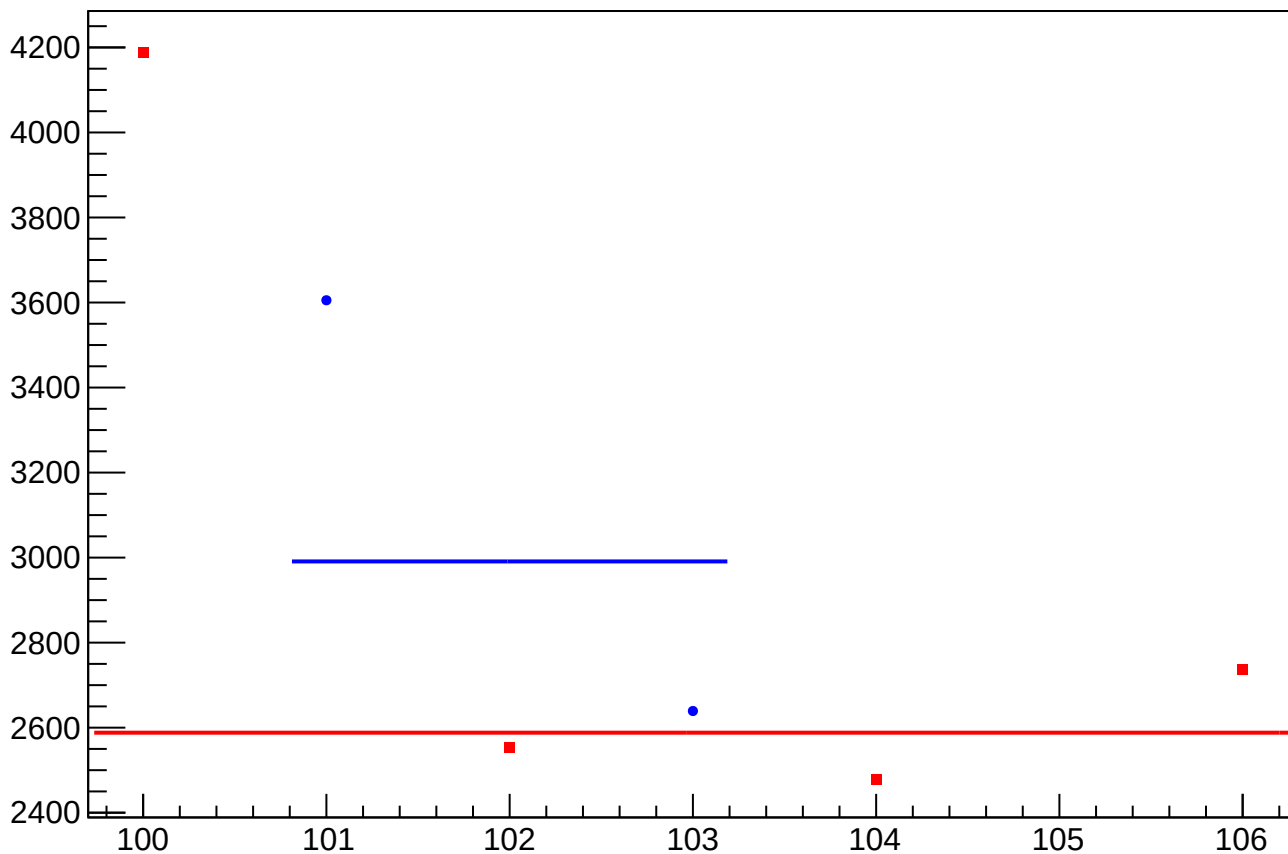
Right: 58.539+/-1653.920 χ^2/NDF : 2.9/5

In: 1260.755+/-2706.816 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.539+/-1653.920 χ^2/NDF : 2.9/5

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2991.002 $\pm$ 1.914 χ^2 /NDF: 58997.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2588.214 $\pm$ 1.477 χ^2 /NDF: 25328.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

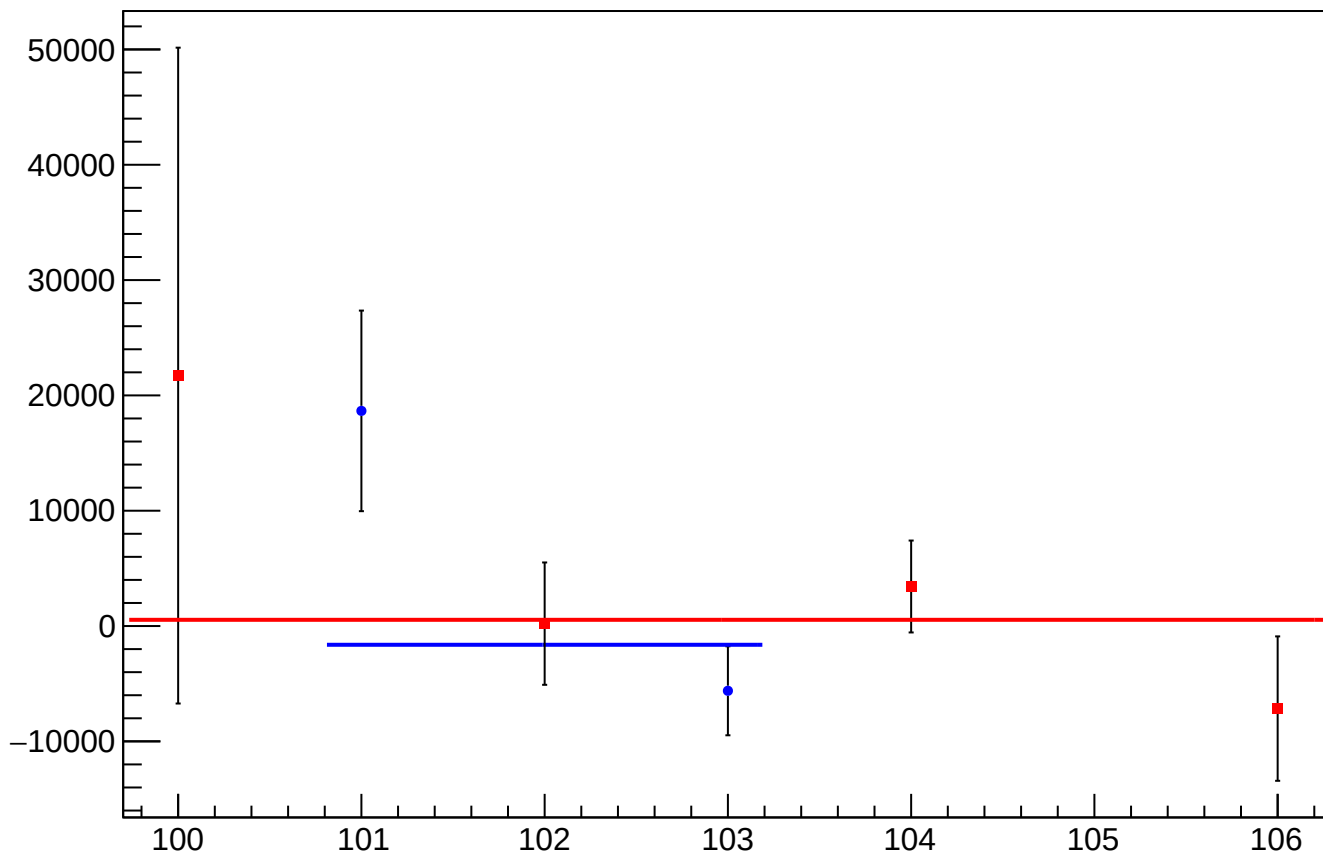
Right: 2738.594 $\pm$ 1.169 χ^2 /NDF: 112078.3/5

In: 2991.002 $\pm$ 1.914 χ^2 /NDF:58997.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2738.594 $\pm$ 1.169 χ^2 /NDF: 112078.3/5

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1625.520+/-3526.344 χ^2 /NDF: 6.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 539.473+/-2825.429 χ^2 /NDF: 2.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

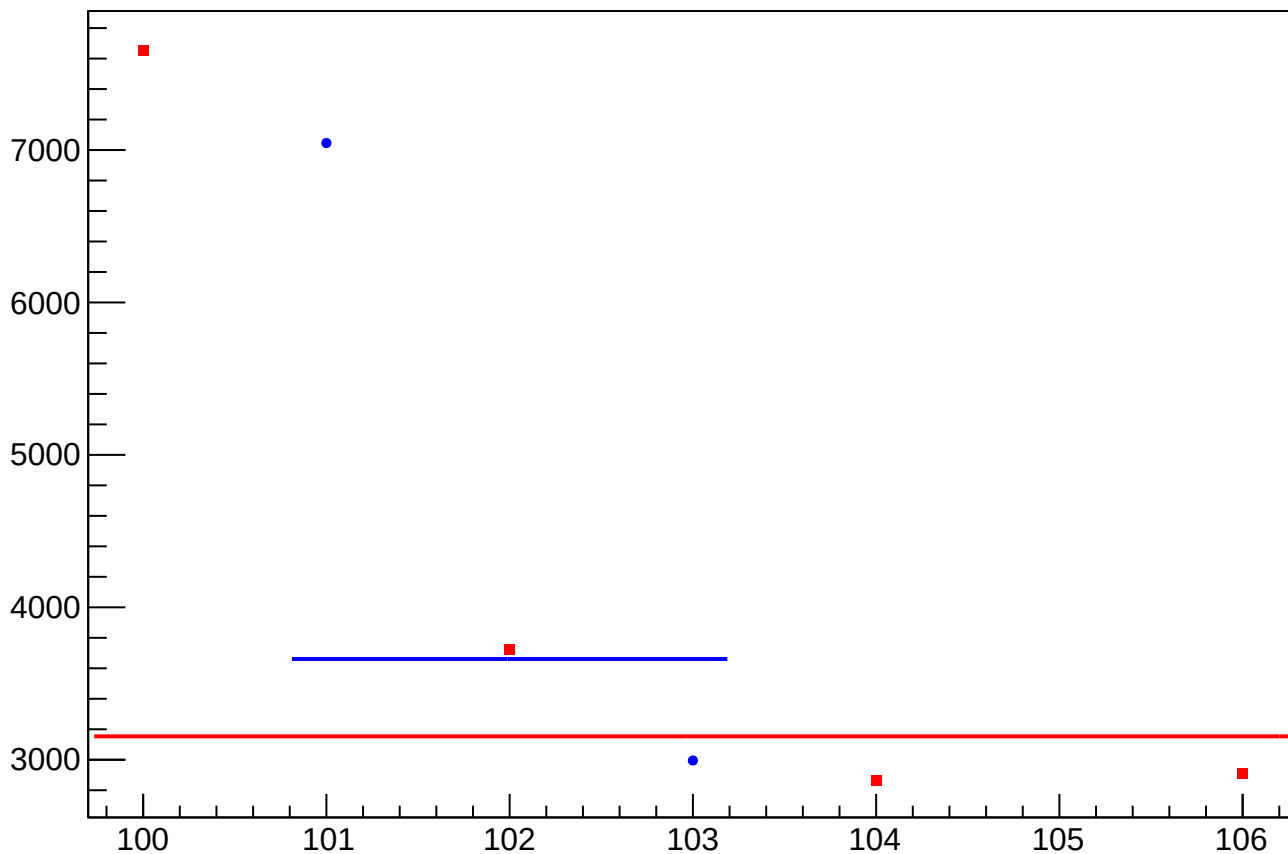
Right: -306.992+/-2204.961 χ^2 /NDF: 9.3/5

In: -1625.520+/-3526.344 χ^2 /NDF:6.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -306.992+/-2204.961 χ^2 /NDF: 9.3/5

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 3661.141+/-2.494 χ^2/NDF : 362557.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3153.408+/-1.950 χ^2/NDF : 87526.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

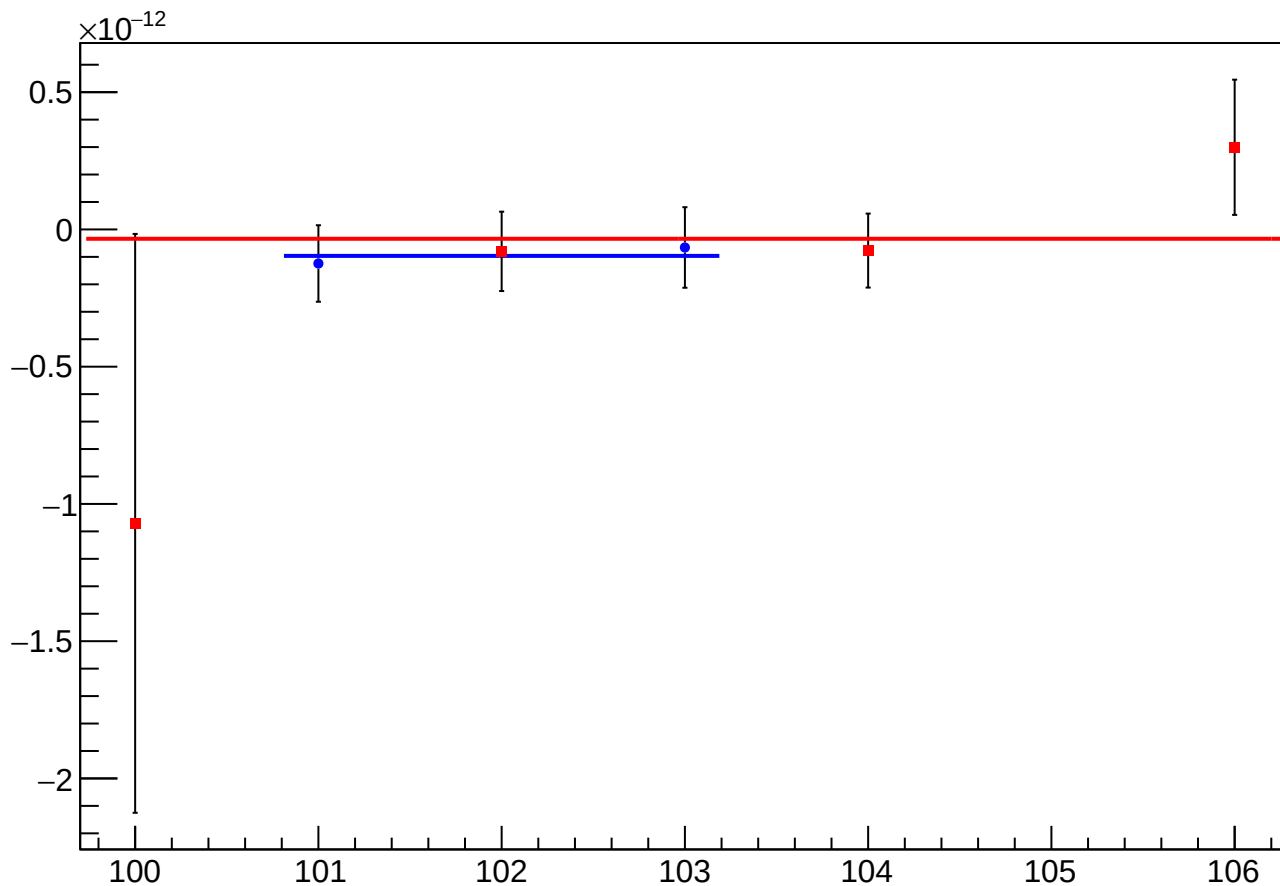
Right: 3346.045+/-1.536 χ^2/NDF : 475814.6/5

In: 3661.141+/-2.494 χ^2/NDF : 362557.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3346.045+/-1.536 χ^2/NDF : 475814.6/5

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

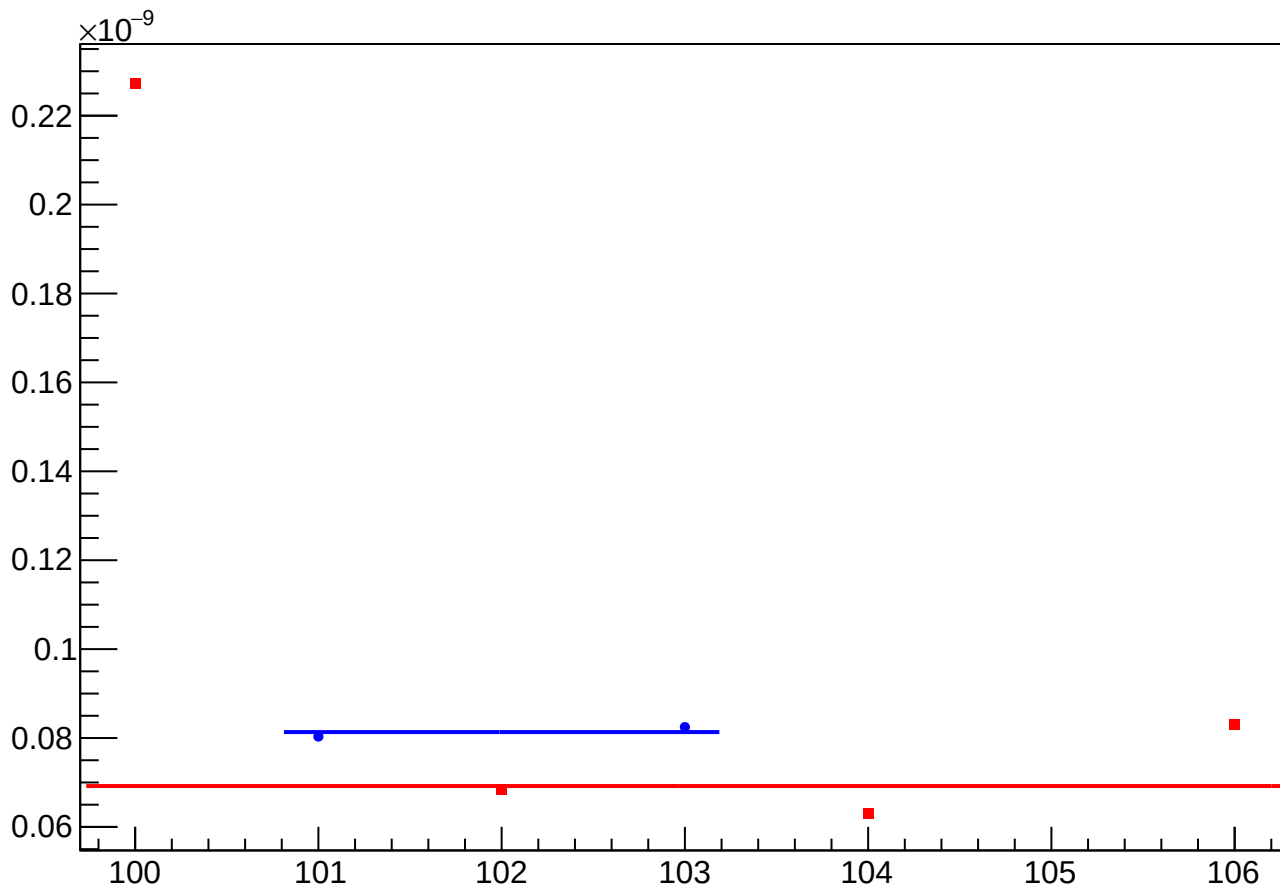
Right: -0.000+/-0.000 χ^2 /NDF: 3.3/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.3/5

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 218.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 55474.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

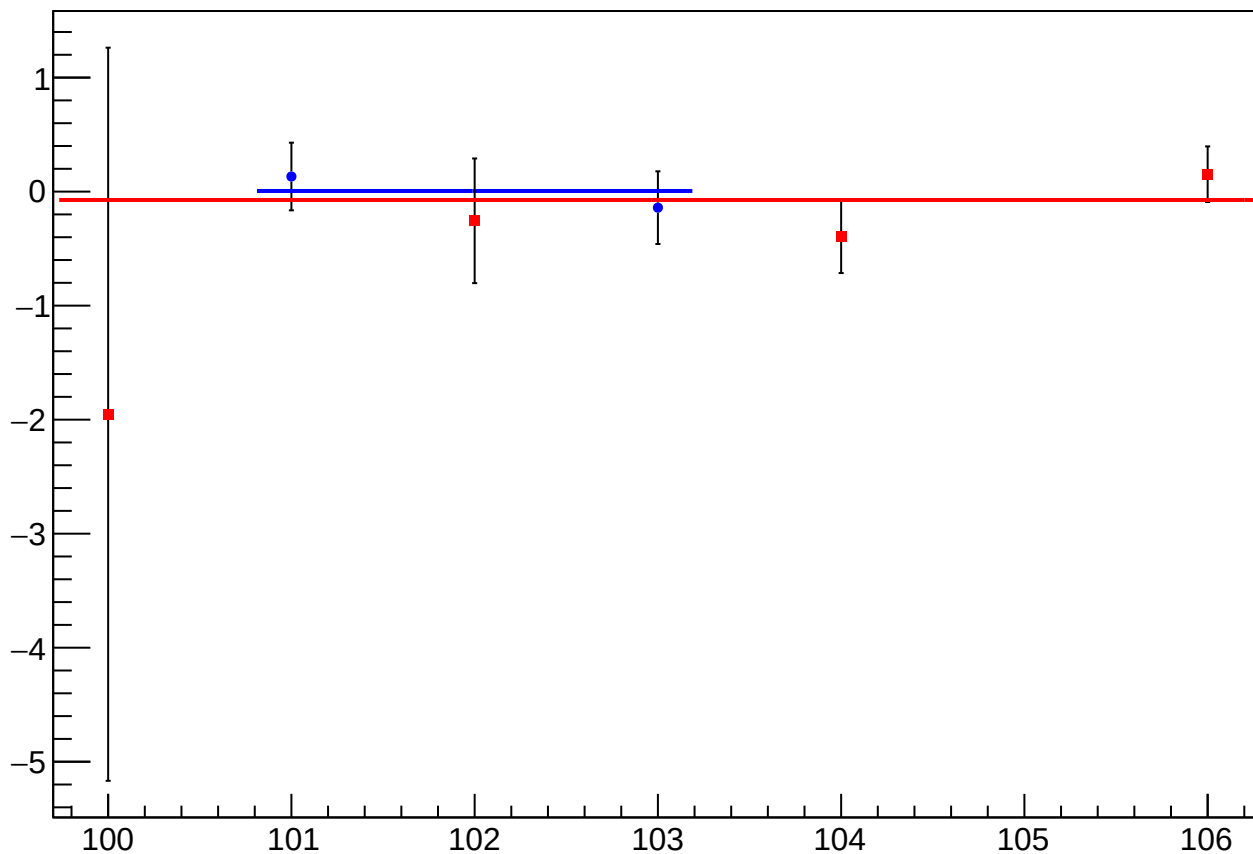
Right: 0.000+/-0.000 χ^2/NDF : 71615.4/5

In: 0.000+/-0.000 χ^2/NDF : 218.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 71615.4/5

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.073 $\pm$ 0.183 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

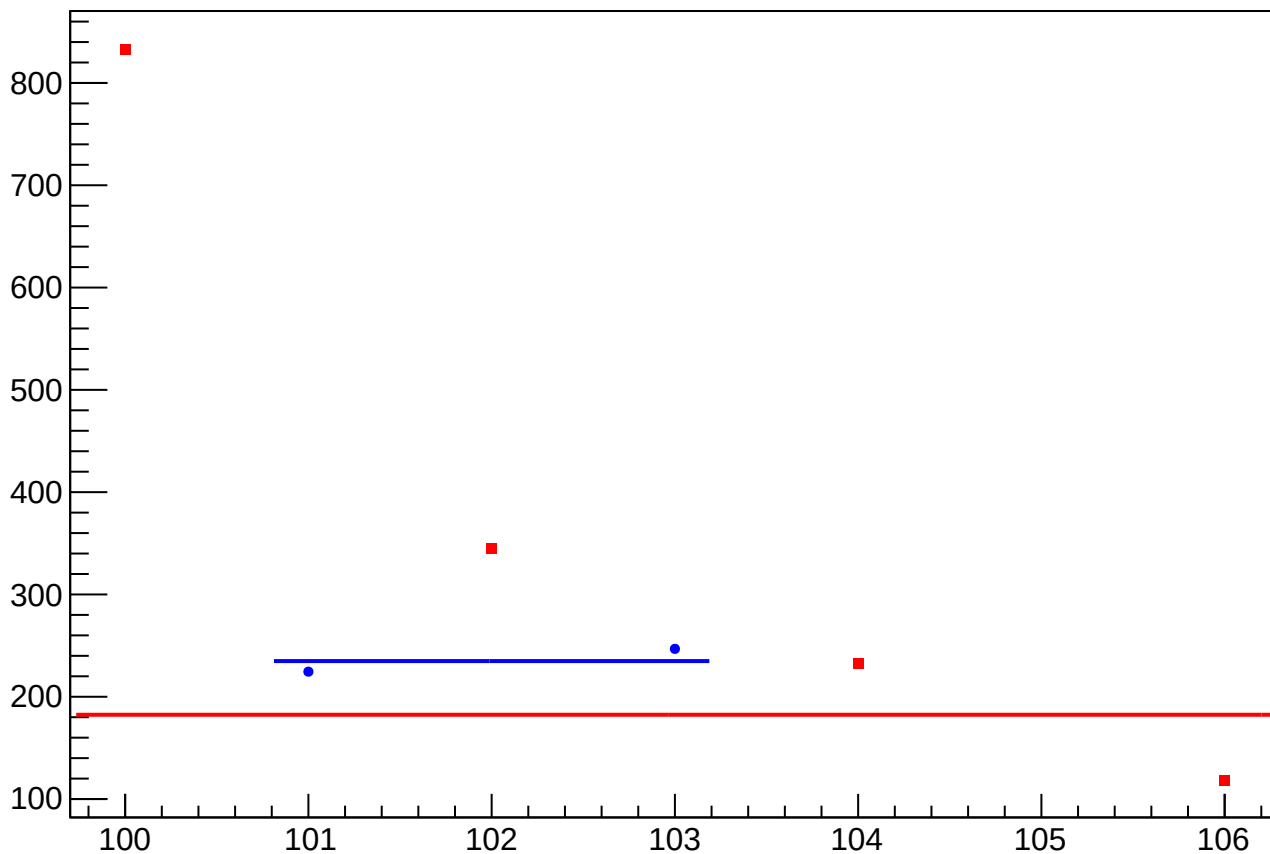
Right: -0.040 $\pm$ 0.140 χ^2 /NDF: 2.7/5

In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.040 $\pm$ 0.140 χ^2 /NDF: 2.7/5

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.407+/-0.130 χ^2/NDF : 445785.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

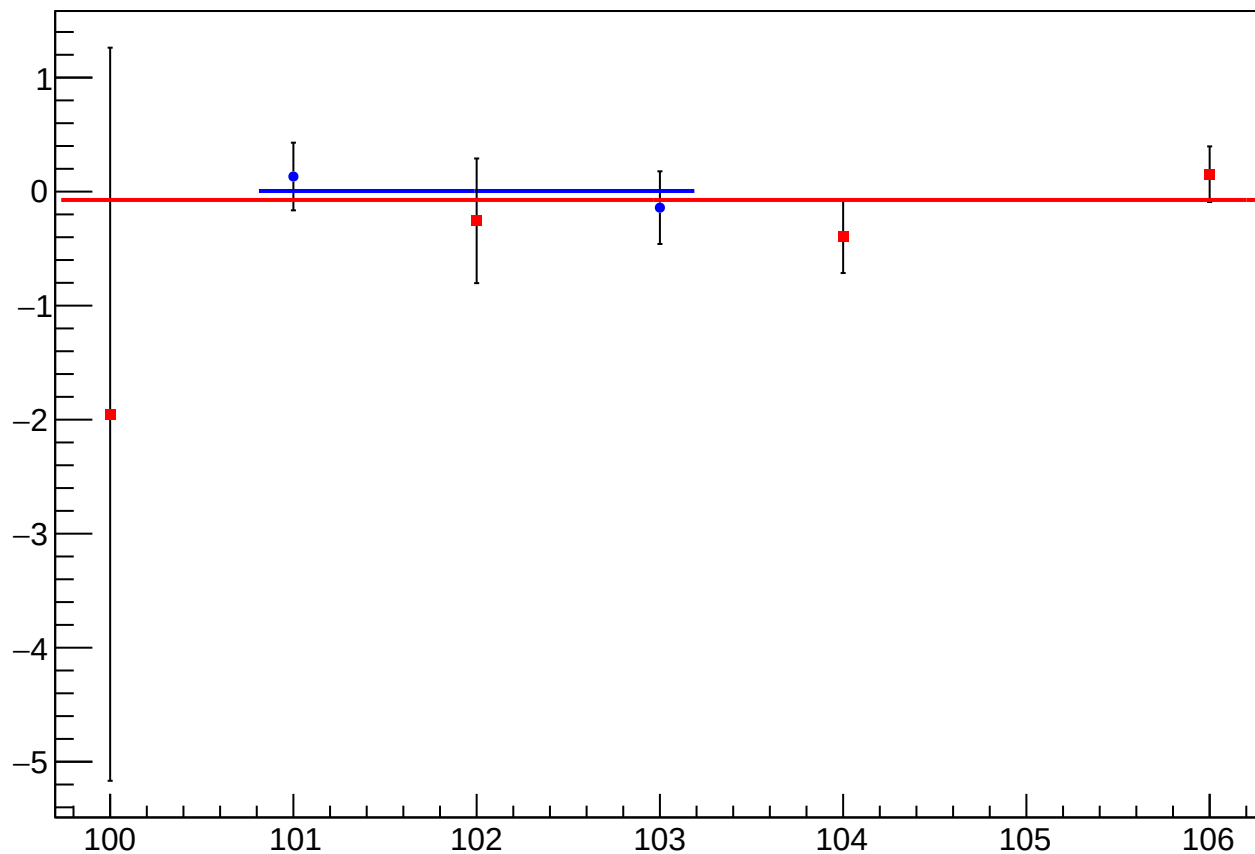
Right: 204.236+/-0.099 χ^2/NDF : 519215.1/5

In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.236+/-0.099 χ^2/NDF : 519215.1/5

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.073 $\pm$ 0.183 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

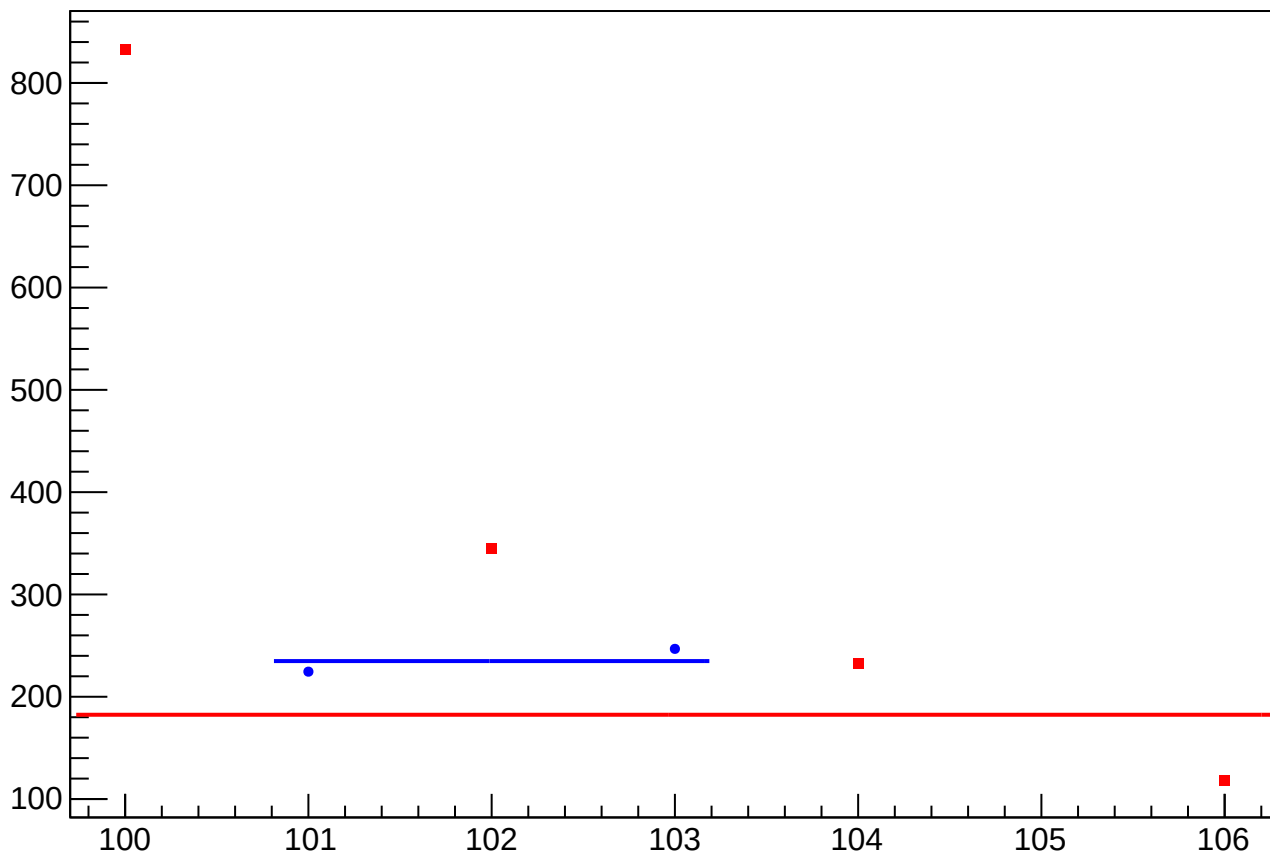
Right: -0.040 $\pm$ 0.140 χ^2 /NDF: 2.7/5

In: 0.006 $\pm$ 0.217 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.040 $\pm$ 0.140 χ^2 /NDF: 2.7/5

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.407+/-0.130 χ^2/NDF : 445785.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

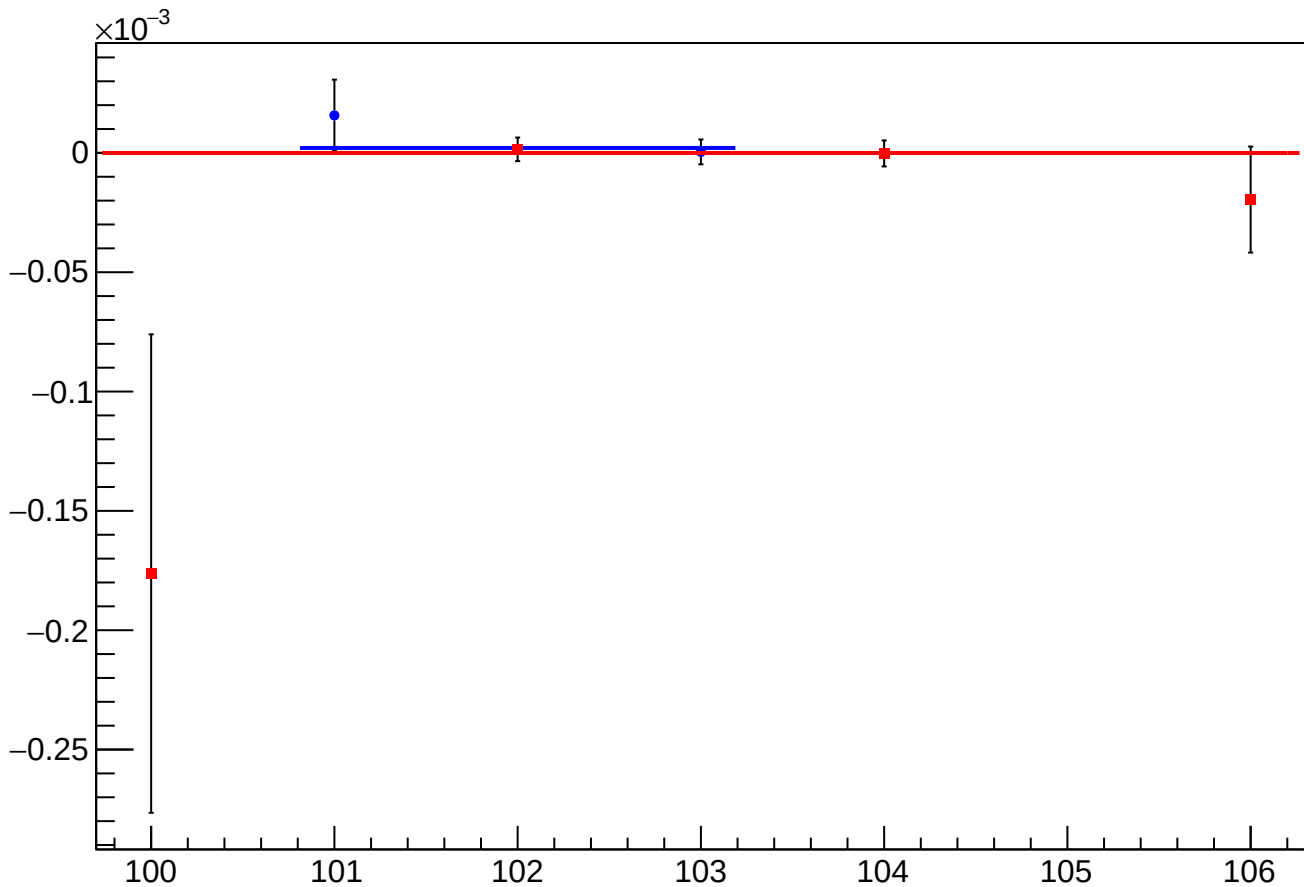
Right: 204.236+/-0.099 χ^2/NDF : 519215.1/5

In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.236+/-0.099 χ^2/NDF : 519215.1/5

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

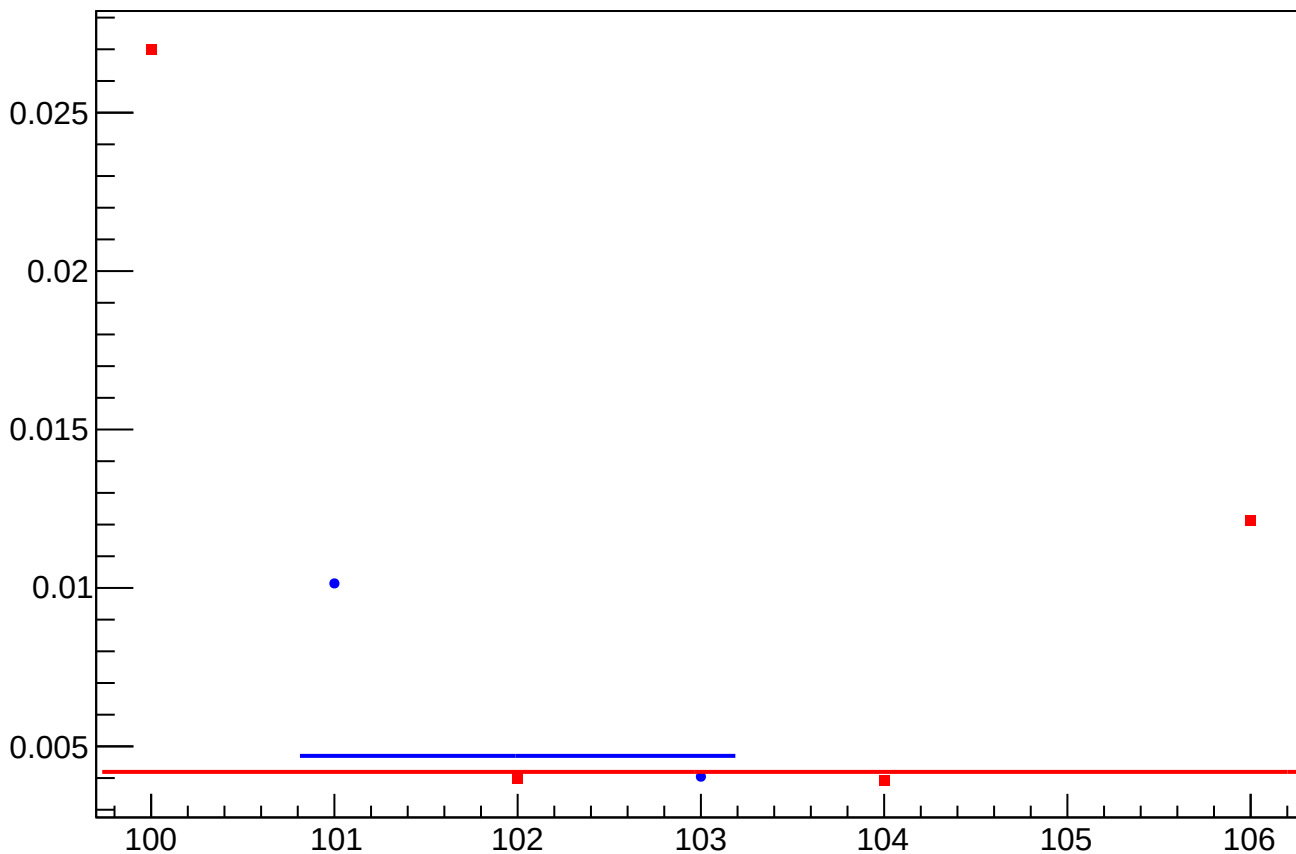
Right: 0.000+/-0.000 χ^2/NDF : 5.0/5

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.0/5

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 296147.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 366677.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

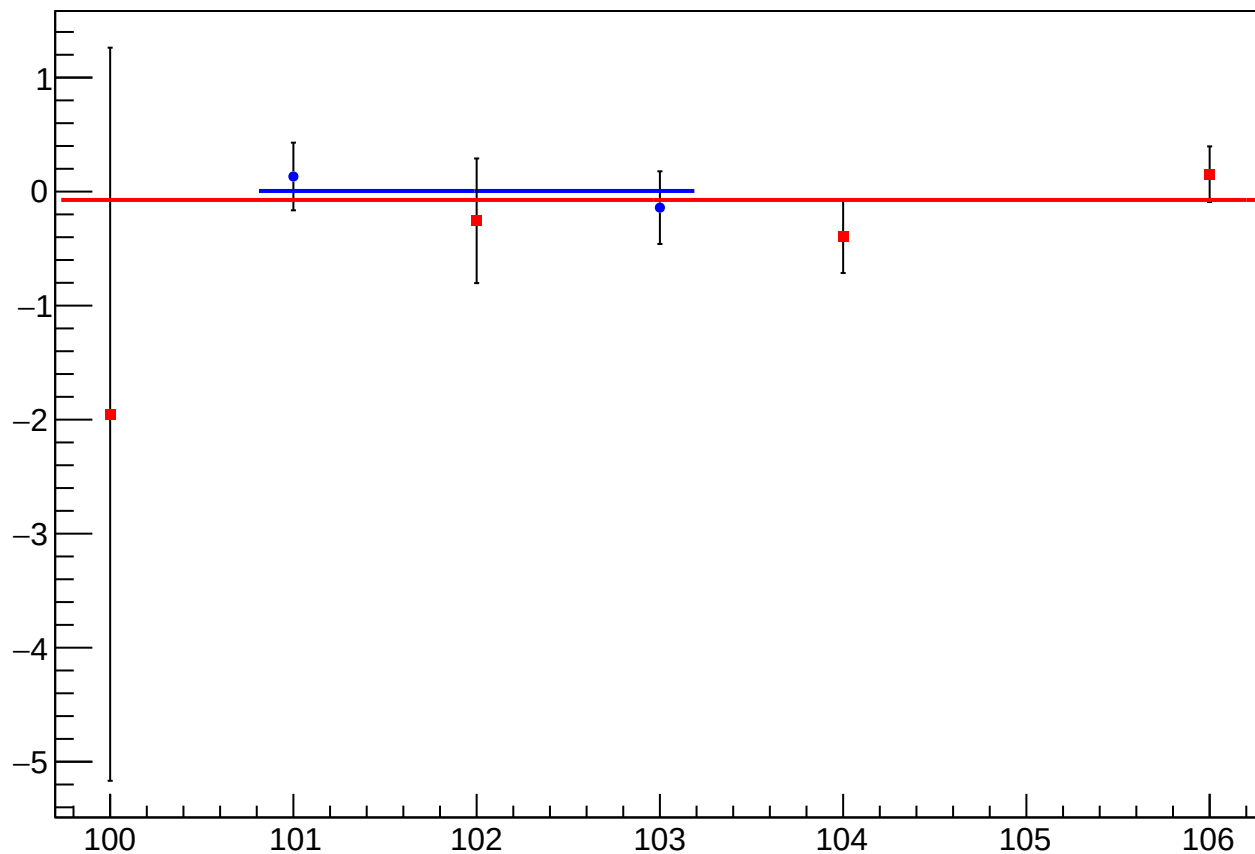
Right: 0.004+/-0.000 χ^2/NDF : 676604.4/5

In: 0.005+/-0.000 χ^2/NDF : 296147.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 676604.4/5

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.217 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.073+/-0.183 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

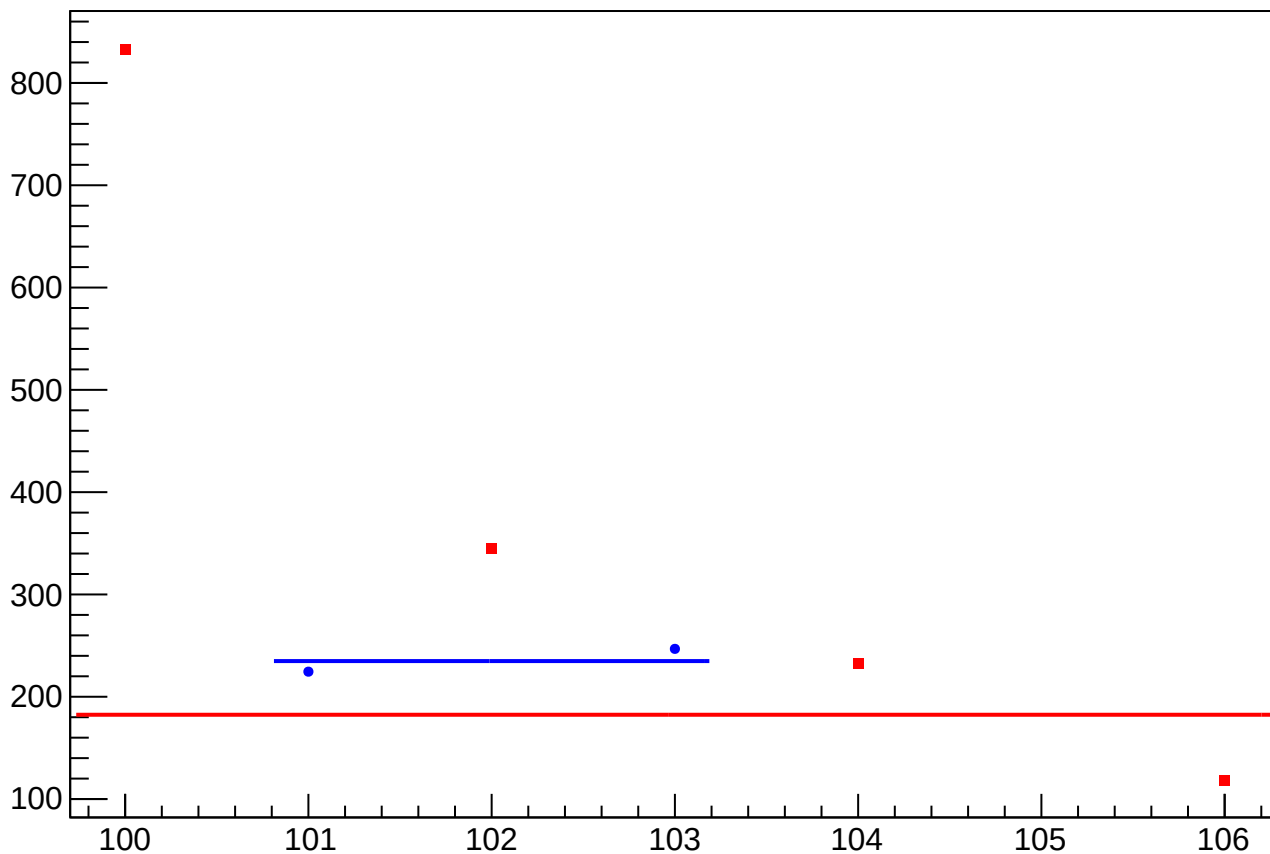
Right: -0.040+/-0.140 χ^2/NDF : 2.7/5

In: 0.006+/-0.217 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-0.140 χ^2/NDF : 2.7/5

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878+/-0.154 χ^2/NDF : 5241.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.407+/-0.130 χ^2/NDF : 445795.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

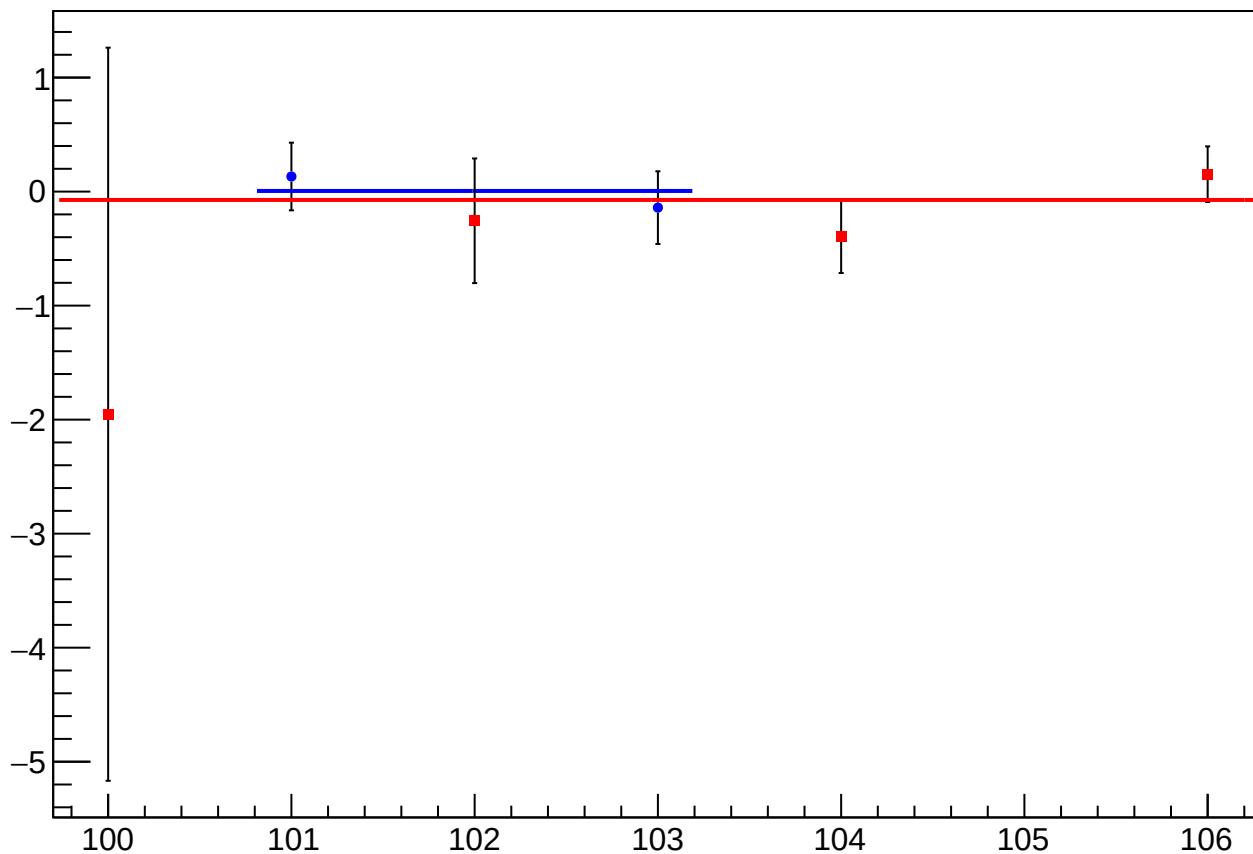
Right: 204.236+/-0.099 χ^2/NDF : 519224.3/5

In: 234.878+/-0.154 χ^2/NDF : 5241.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.236+/-0.099 χ^2/NDF : 519224.3/5

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 ± 0.217 $\chi^2/\text{NDF}: 0.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.073 ± 0.183 $\chi^2/\text{NDF}: 2.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

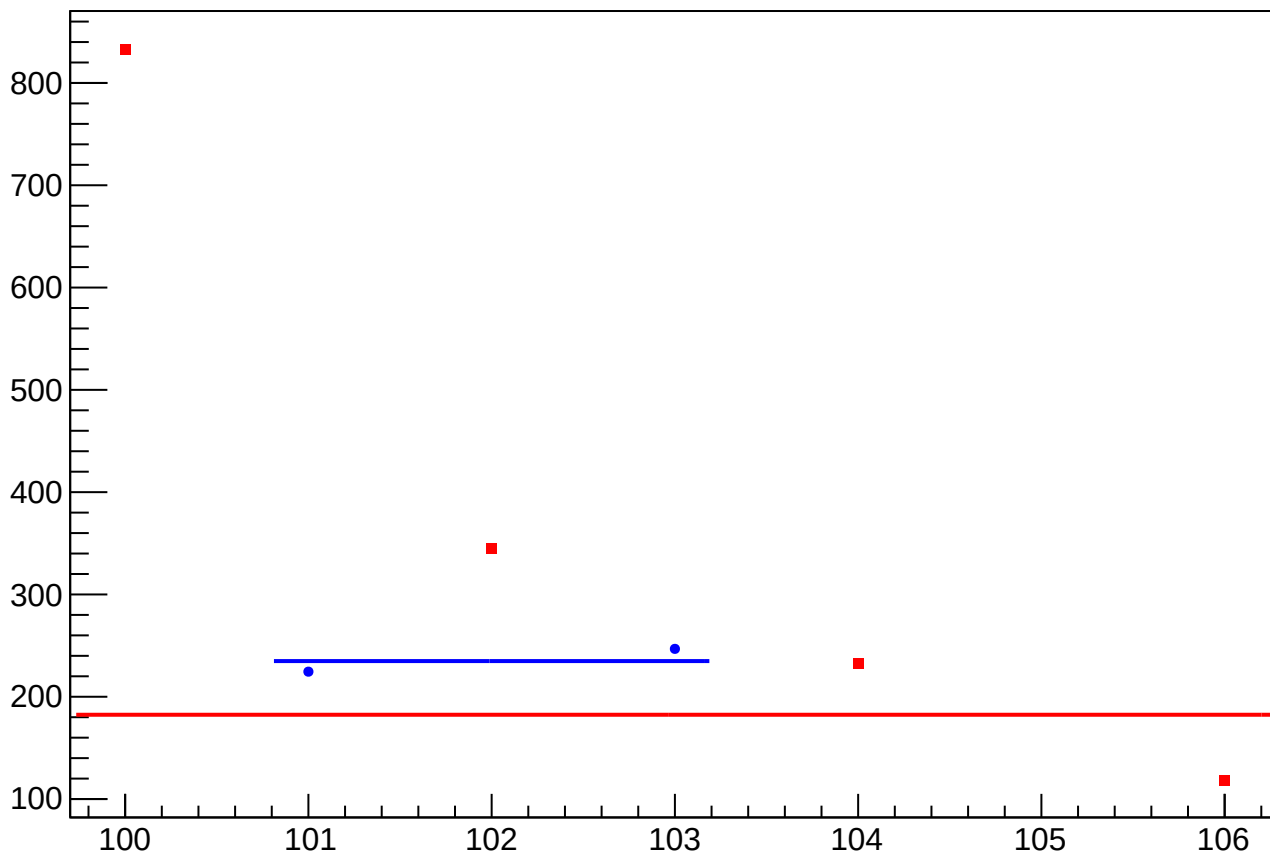
Right: -0.040 ± 0.140 $\chi^2/\text{NDF}: 2.7/5$

In: 0.006 ± 0.217 $\chi^2/\text{NDF}: 0.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.040 ± 0.140 $\chi^2/\text{NDF}: 2.7/5$

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878+/-0.154 χ^2/NDF : 5241.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.407+/-0.130 χ^2/NDF : 445795.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

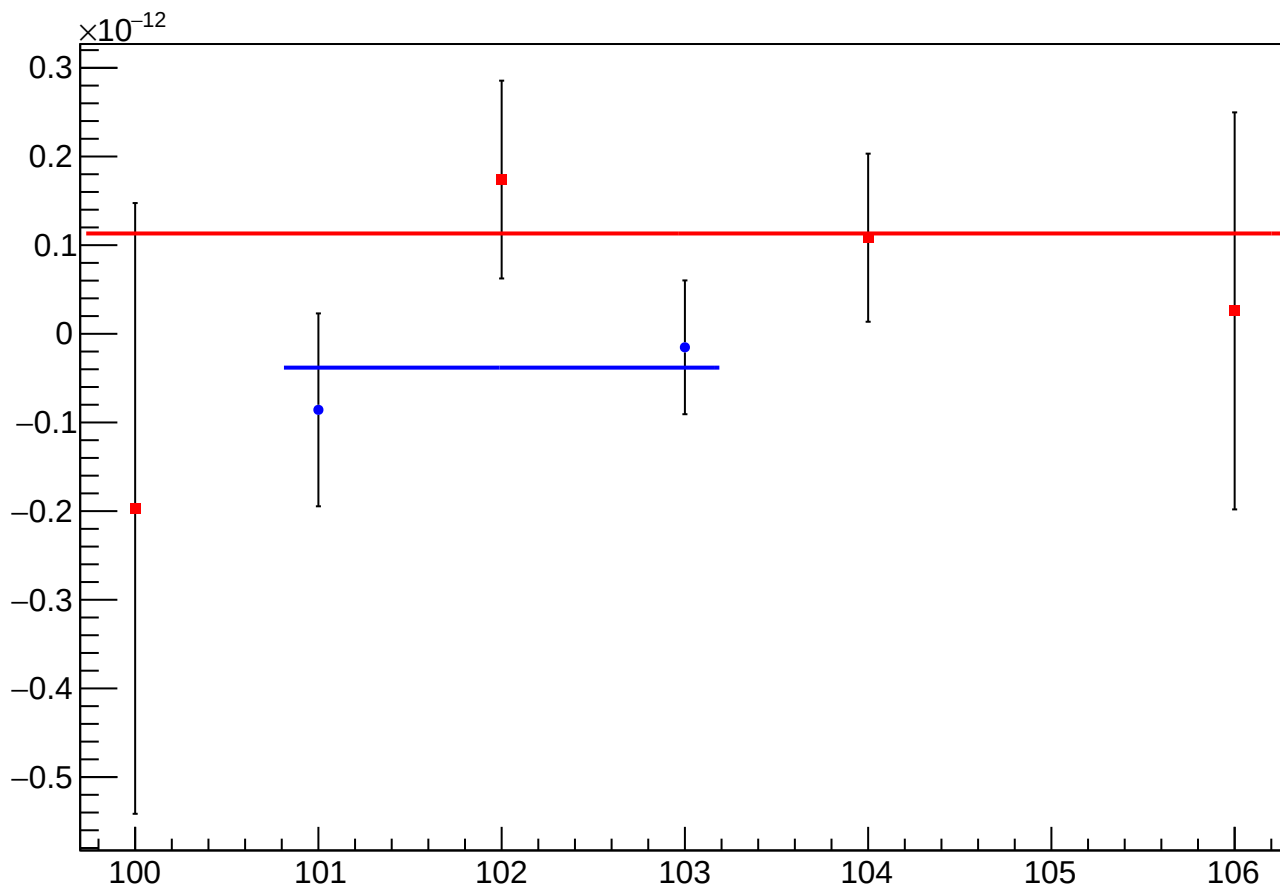
Right: 204.236+/-0.099 χ^2/NDF : 519224.3/5

In: 234.878+/-0.154 χ^2/NDF : 5241.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.236+/-0.099 χ^2/NDF : 519224.3/5

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 1.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

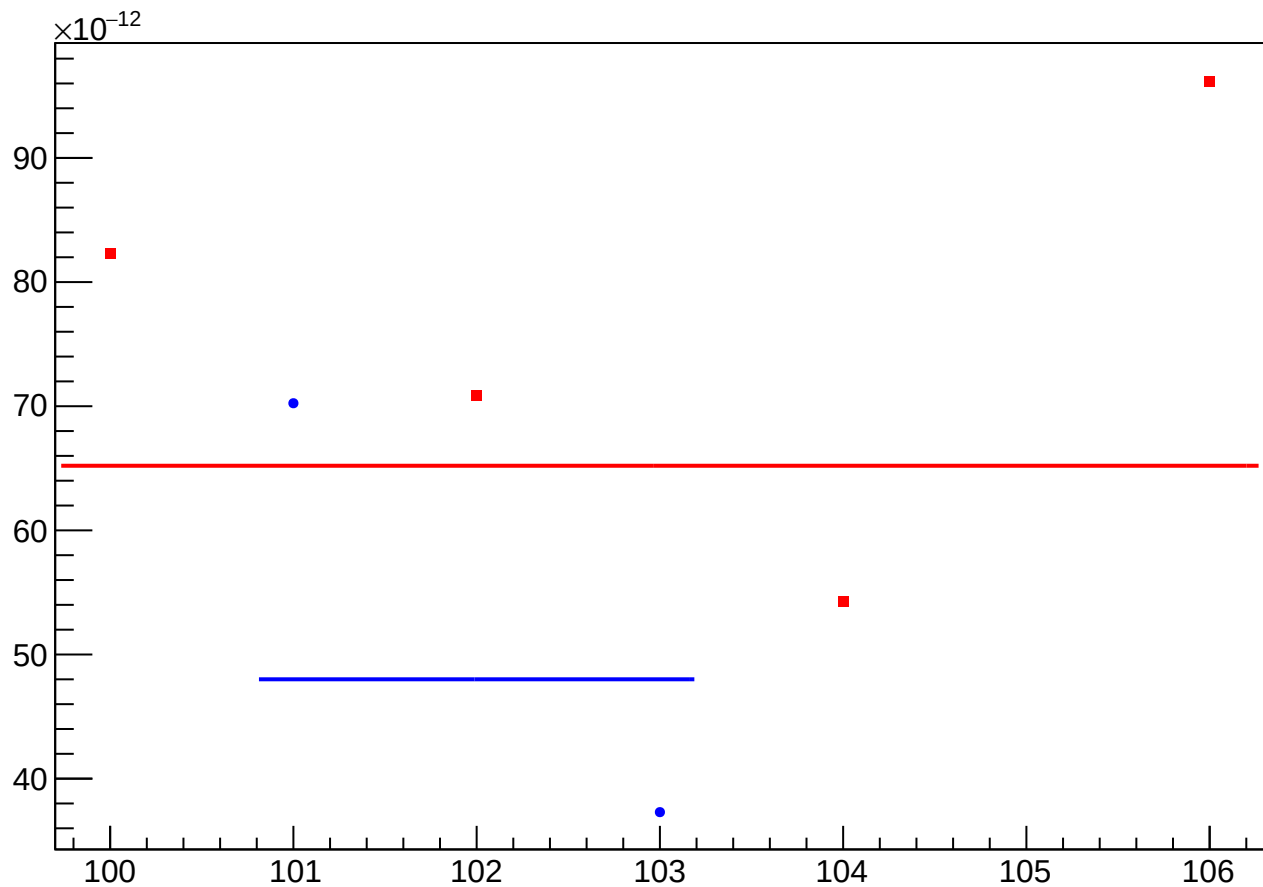
Right: 0.000 ± 0.000 χ^2/NDF : 4.3/5

In: -0.000 ± 0.000 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 4.3/5

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 123780.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 74828.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

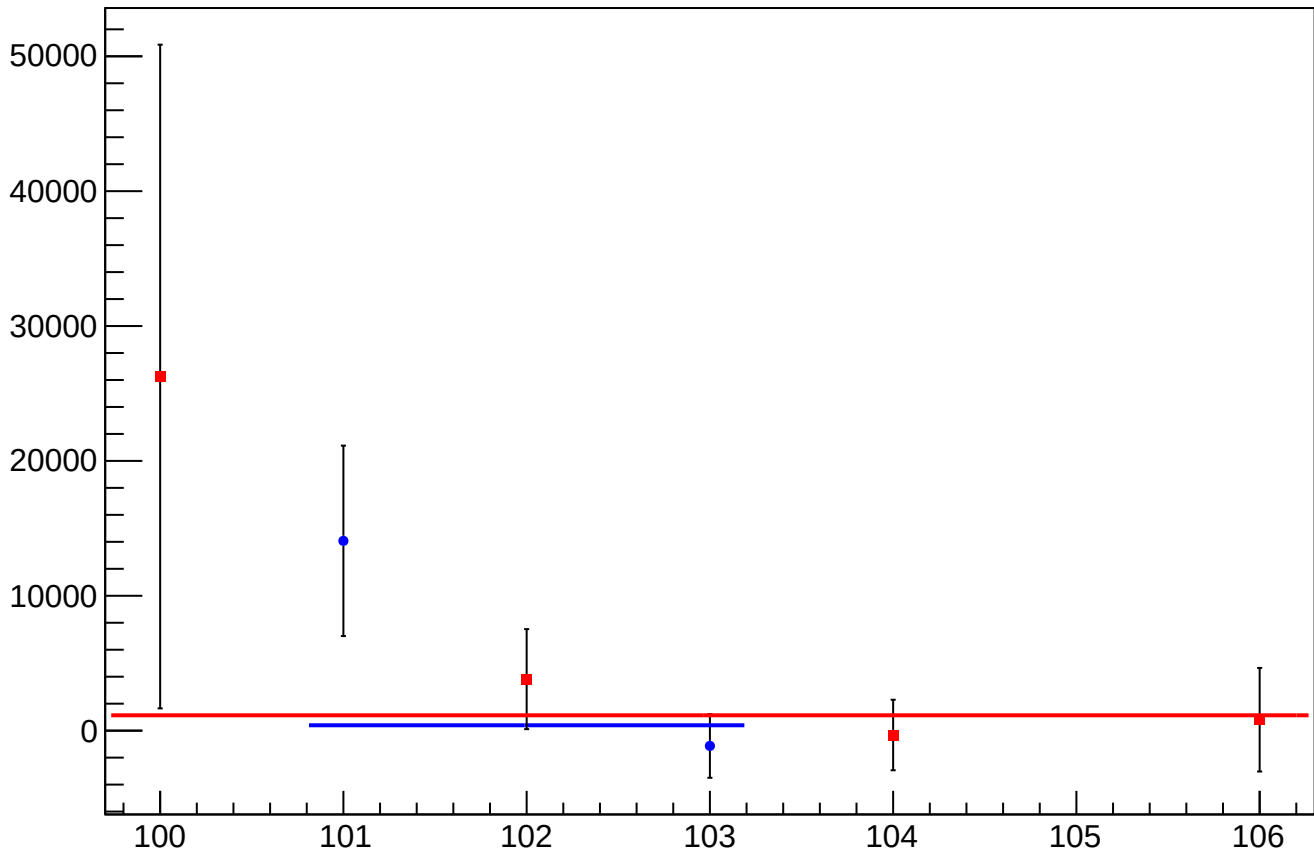
Right: 0.000+/-0.000 χ^2/NDF : 269145.4/5

In: 0.000+/-0.000 χ^2/NDF : 123780.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 269145.4/5

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 398.468+/-2240.600 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.955+/-1861.776 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

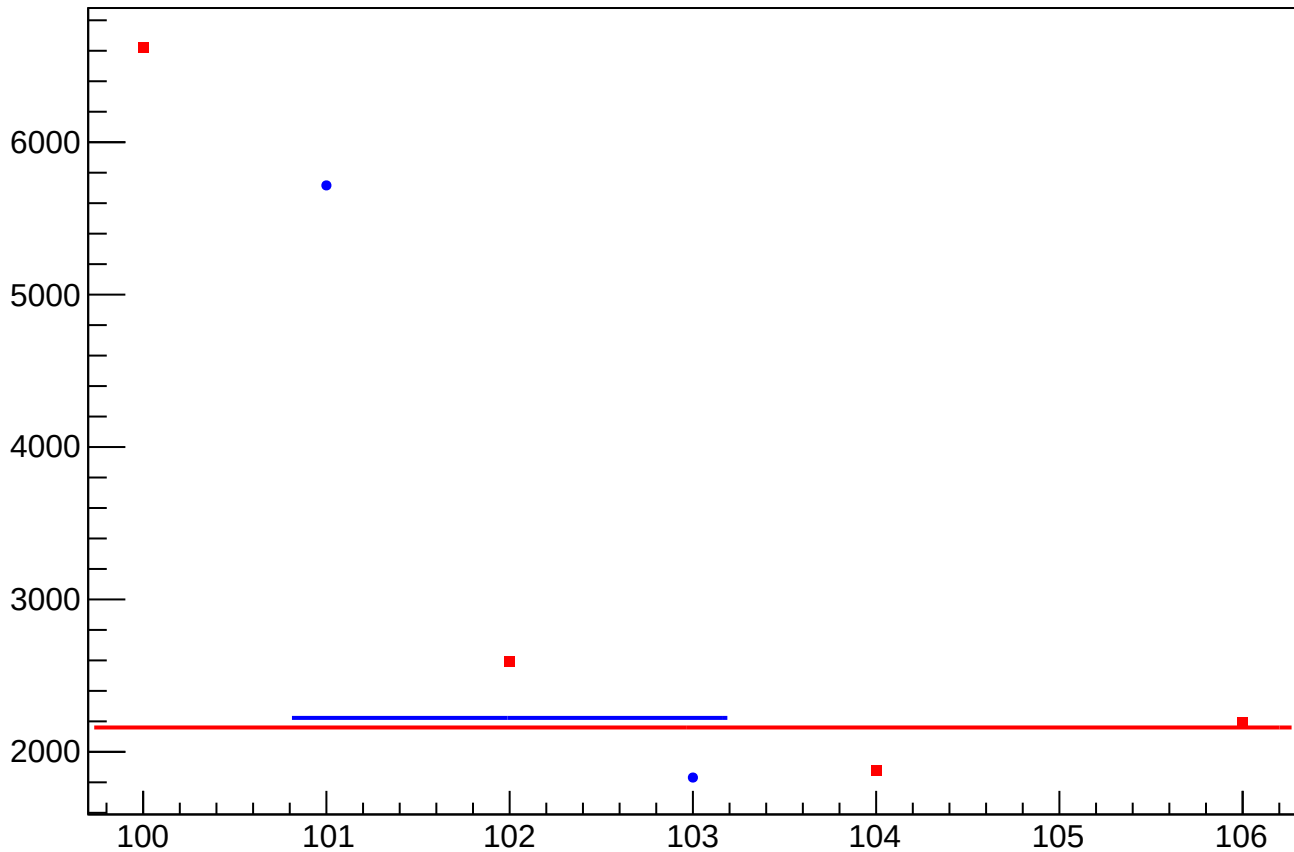
Right: 836.512+/-1431.949 χ^2/NDF : 6.1/5

In: 398.468+/-2240.600 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.512+/-1431.949 χ^2/NDF : 6.1/5

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.768+/-1.584 χ^2/NDF : 544725.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2159.873+/-1.316 χ^2/NDF : 116232.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

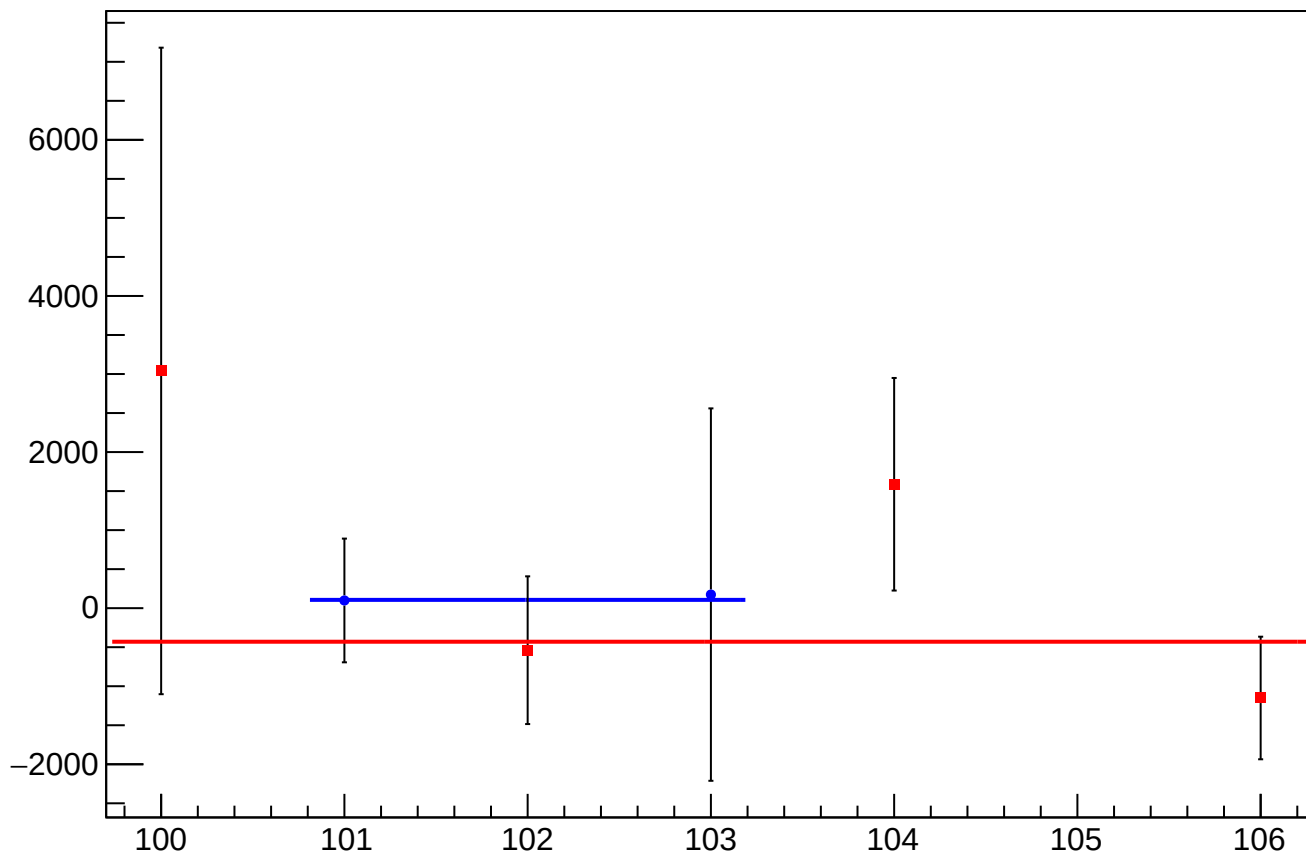
Right: 2185.561+/-1.013 χ^2/NDF : 661890.0/5

In: 2222.768+/-1.584 χ^2/NDF : 544725.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.561+/-1.013 χ^2/NDF : 661890.0/5

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 106.240 $\pm$ 752.157 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -429.931 $\pm$ 547.522 χ^2 /NDF: 3.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

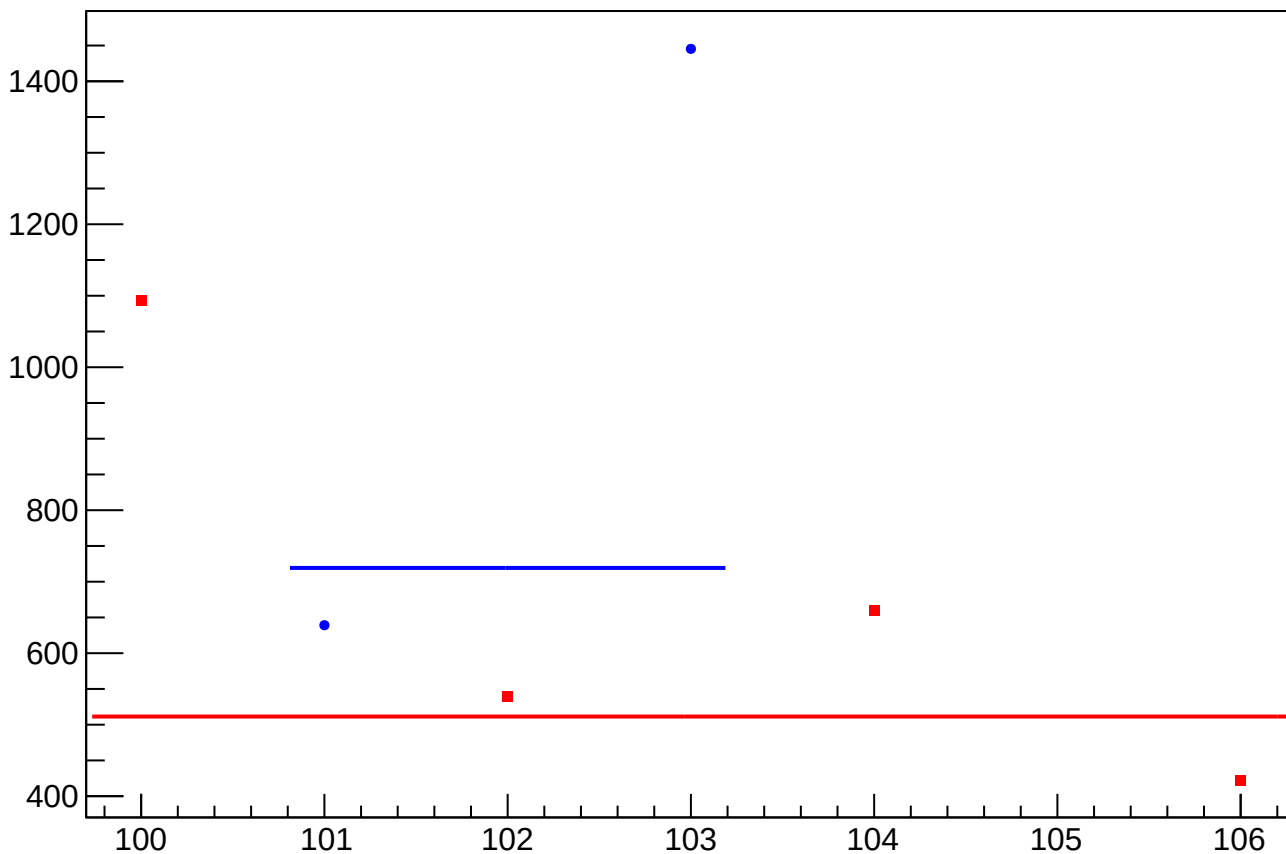
Right: -244.223 $\pm$ 442.661 χ^2 /NDF: 4.1/5

In: 106.240 $\pm$ 752.157 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -244.223 $\pm$ 442.661 χ^2 /NDF: 4.1/5

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 719.270+/-0.532 χ^2/NDF : 205678.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.387+/-0.387 χ^2/NDF : 90848.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

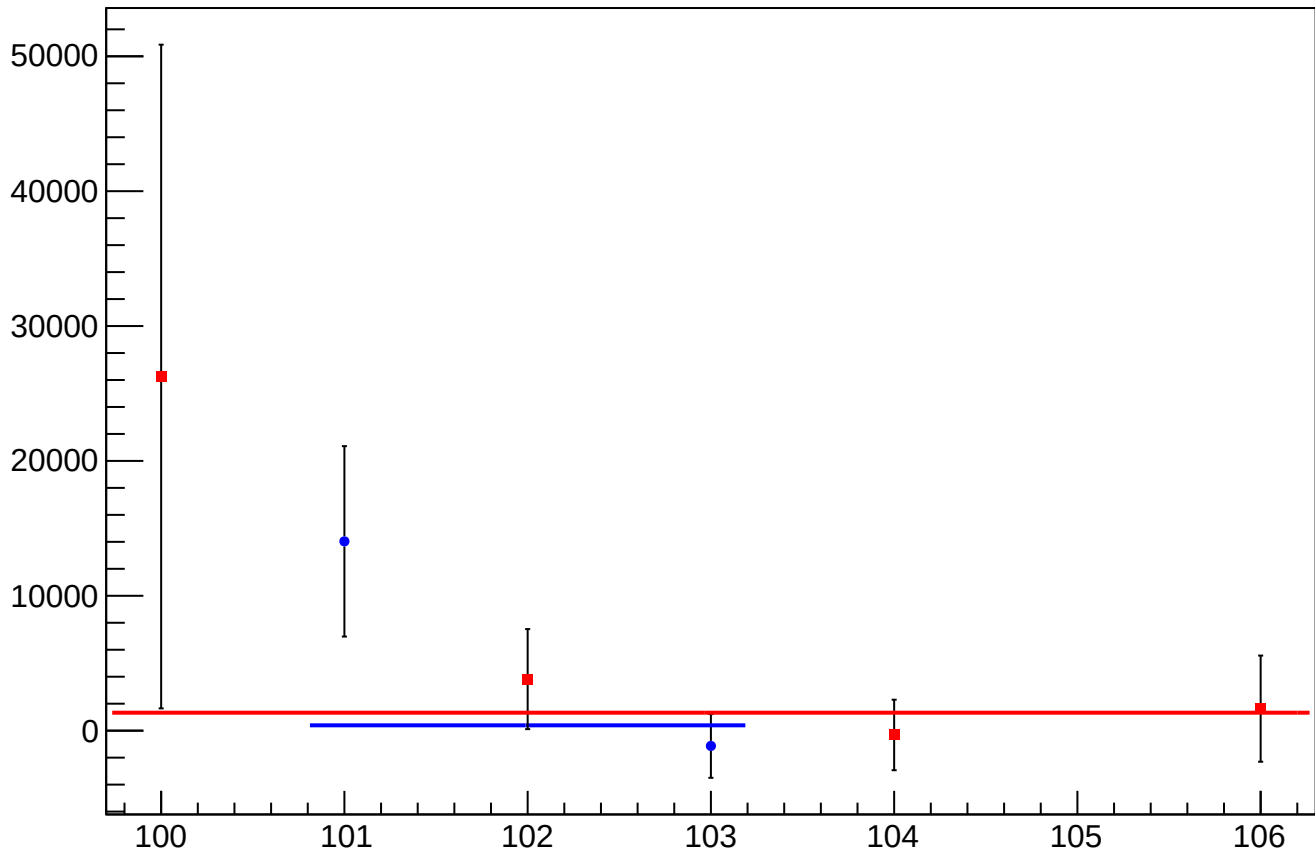
Right: 583.389+/-0.313 χ^2/NDF : 396386.2/5

In: 719.270+/-0.532 χ^2/NDF : 205678.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.389+/-0.313 χ^2/NDF : 396386.2/5

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 395.862+/-2240.603 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.986+/-1872.321 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

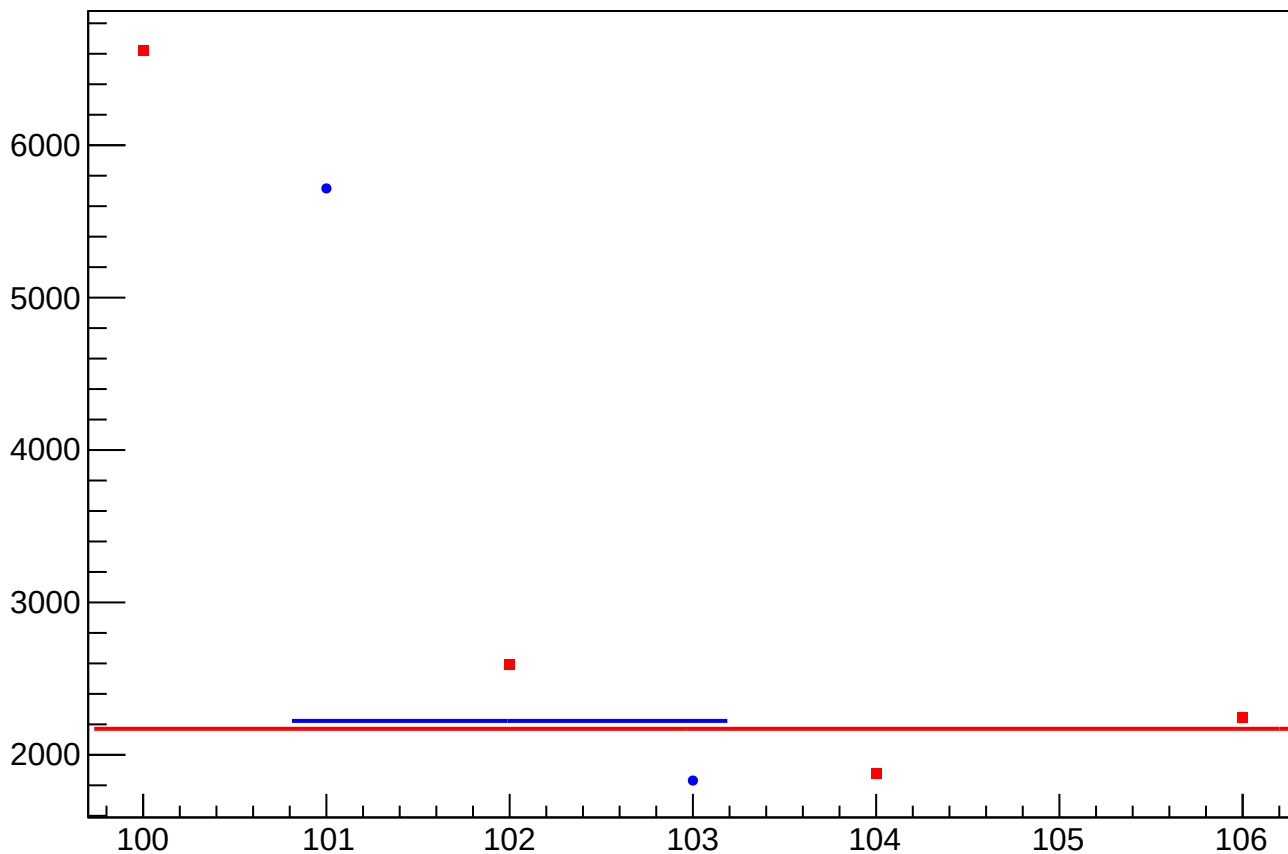
Right: 947.081+/-1436.731 χ^2/NDF : 6.1/5

In: 395.862+/-2240.603 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.081+/-1436.731 χ^2/NDF : 6.1/5

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.989+/-1.324 χ^2/NDF : 116915.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

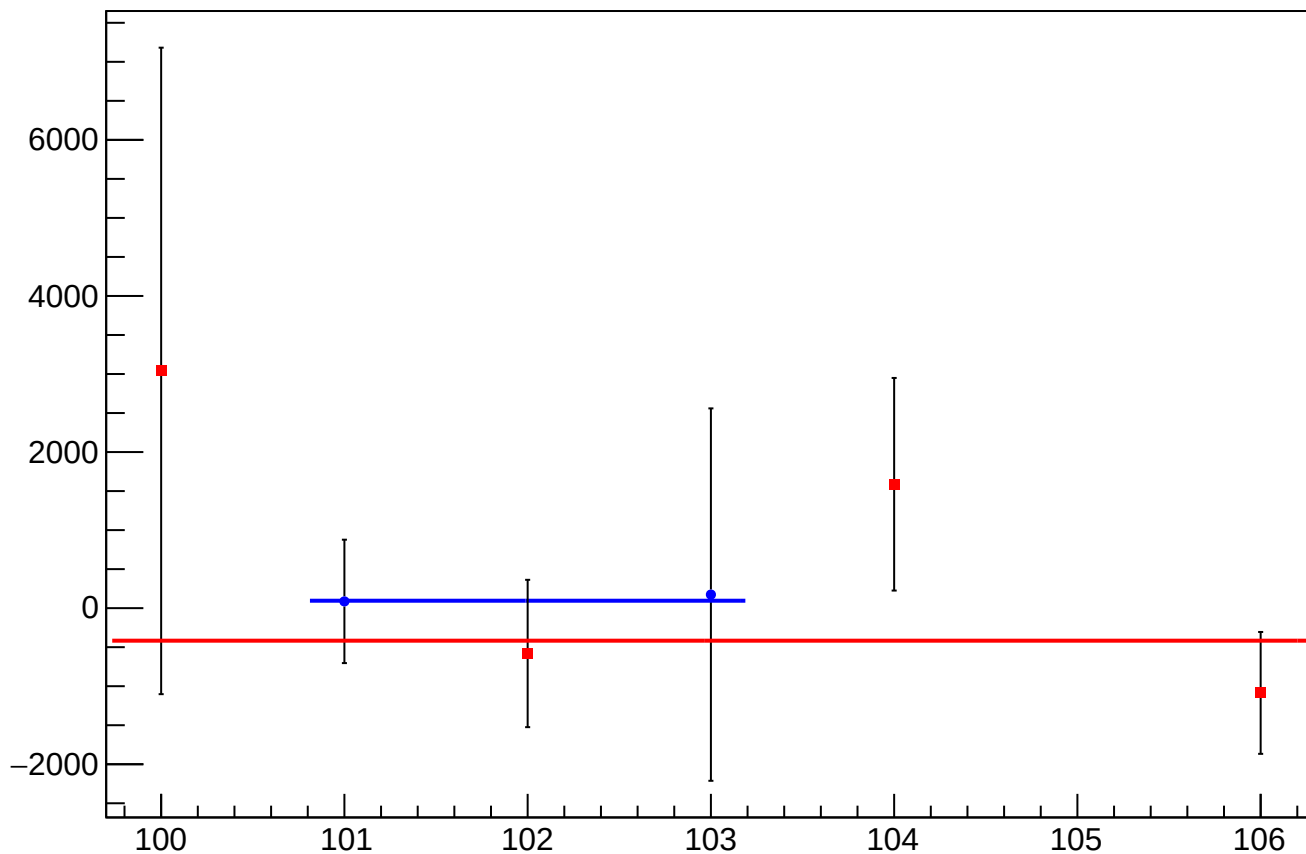
Right: 2192.278+/-1.016 χ^2/NDF : 662270.4/5

In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.278+/-1.016 χ^2/NDF : 662270.4/5

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.815+/-545.544 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

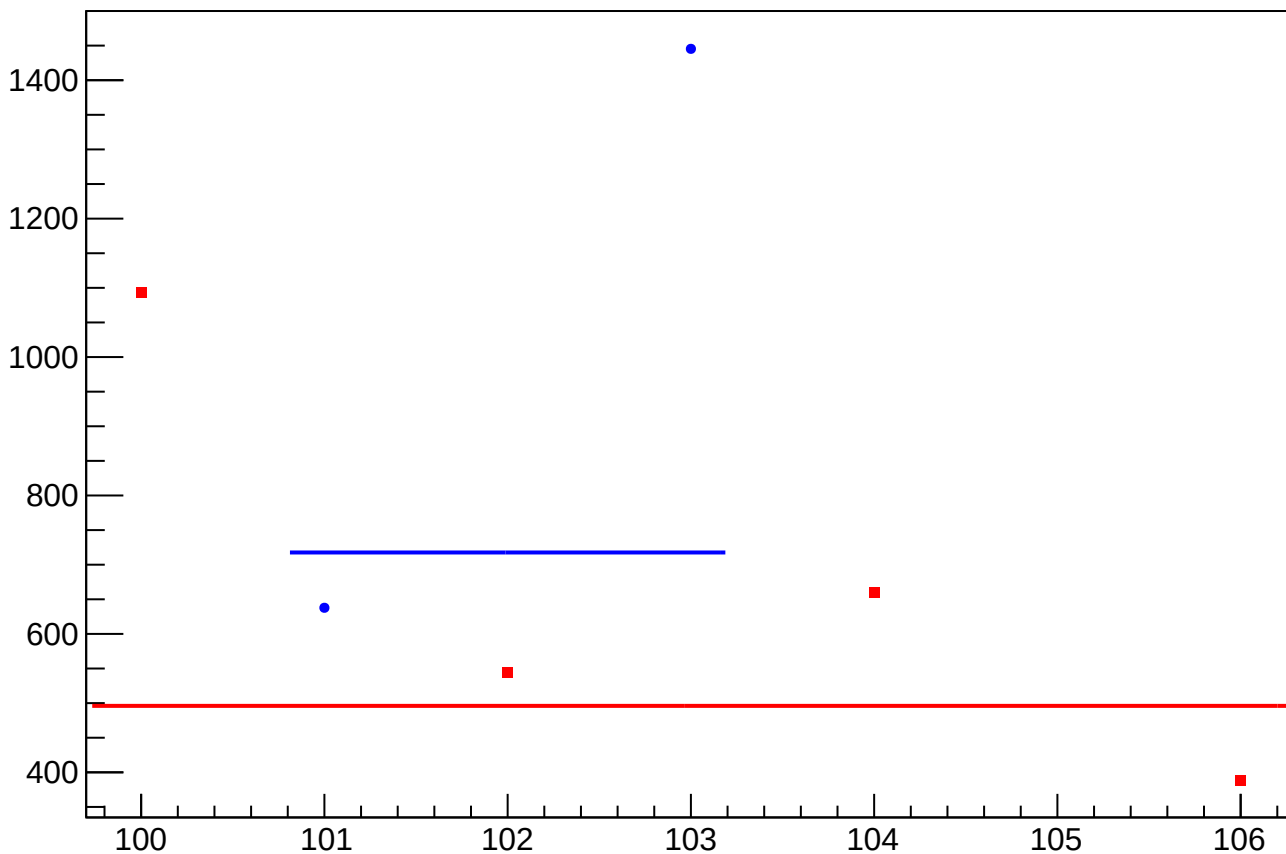
Right: -239.792+/-441.268 χ^2/NDF : 3.9/5

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.792+/-441.268 χ^2/NDF : 3.9/5

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.030+/-0.386 χ^2/NDF : 113751.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

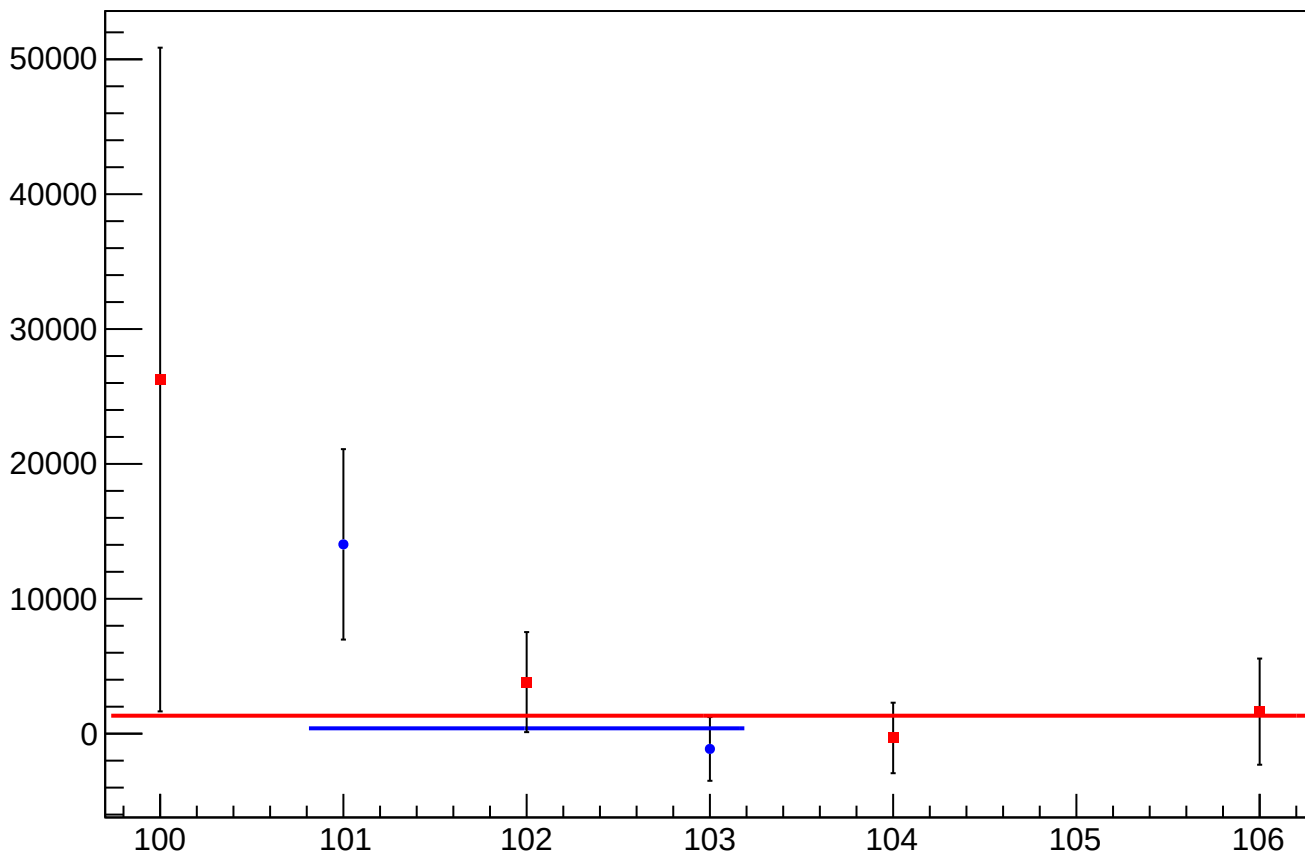
Right: 572.655+/-0.312 χ^2/NDF : 434343.2/5

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.655+/-0.312 χ^2/NDF : 434343.2/5

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 395.862 $\pm$ 2240.603 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1331.986 $\pm$ 1872.321 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

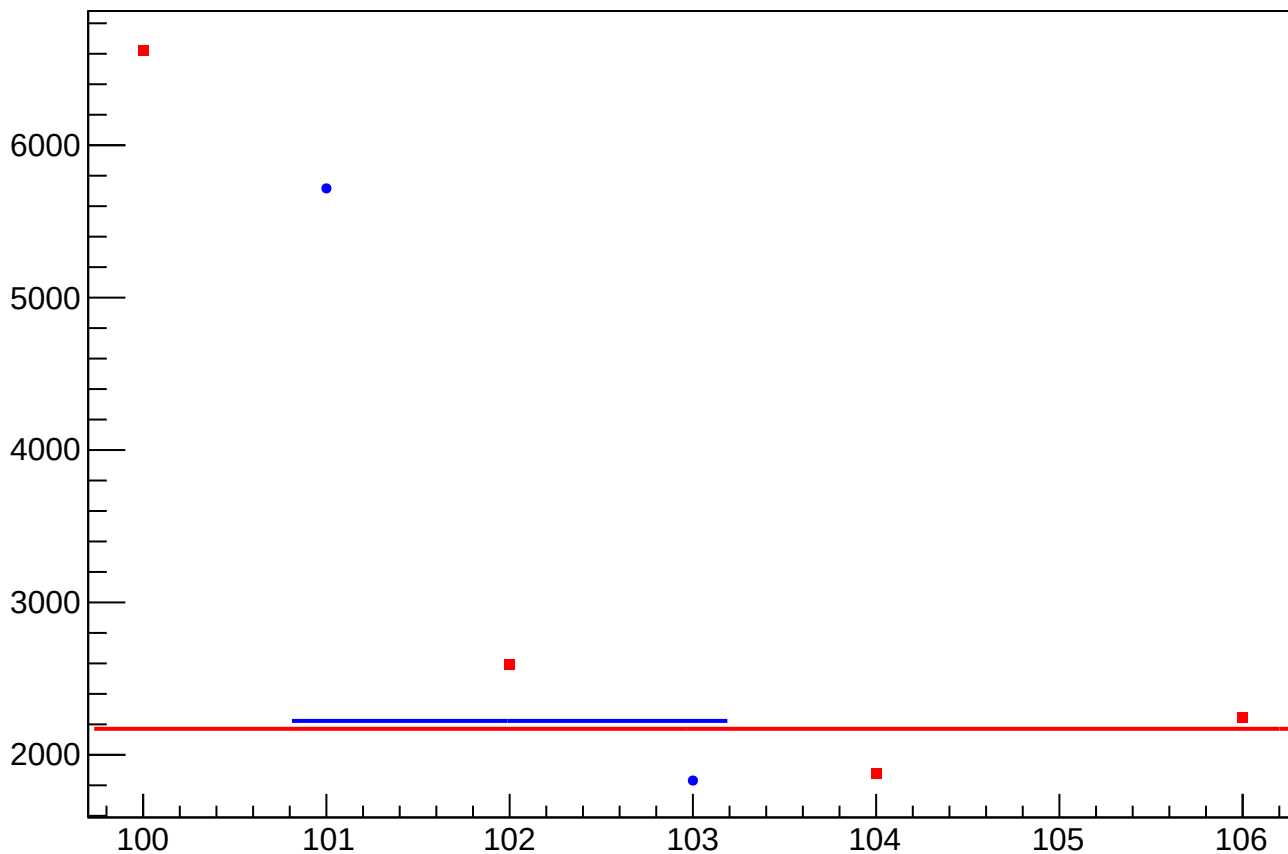
Right: 947.081 $\pm$ 1436.731 χ^2 /NDF: 6.1/5

In: 395.862 $\pm$ 2240.603 χ^2 /NDF: 4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 947.081 $\pm$ 1436.731 χ^2 /NDF: 6.1/5

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2170.989+/-1.324 χ^2/NDF : 116915.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

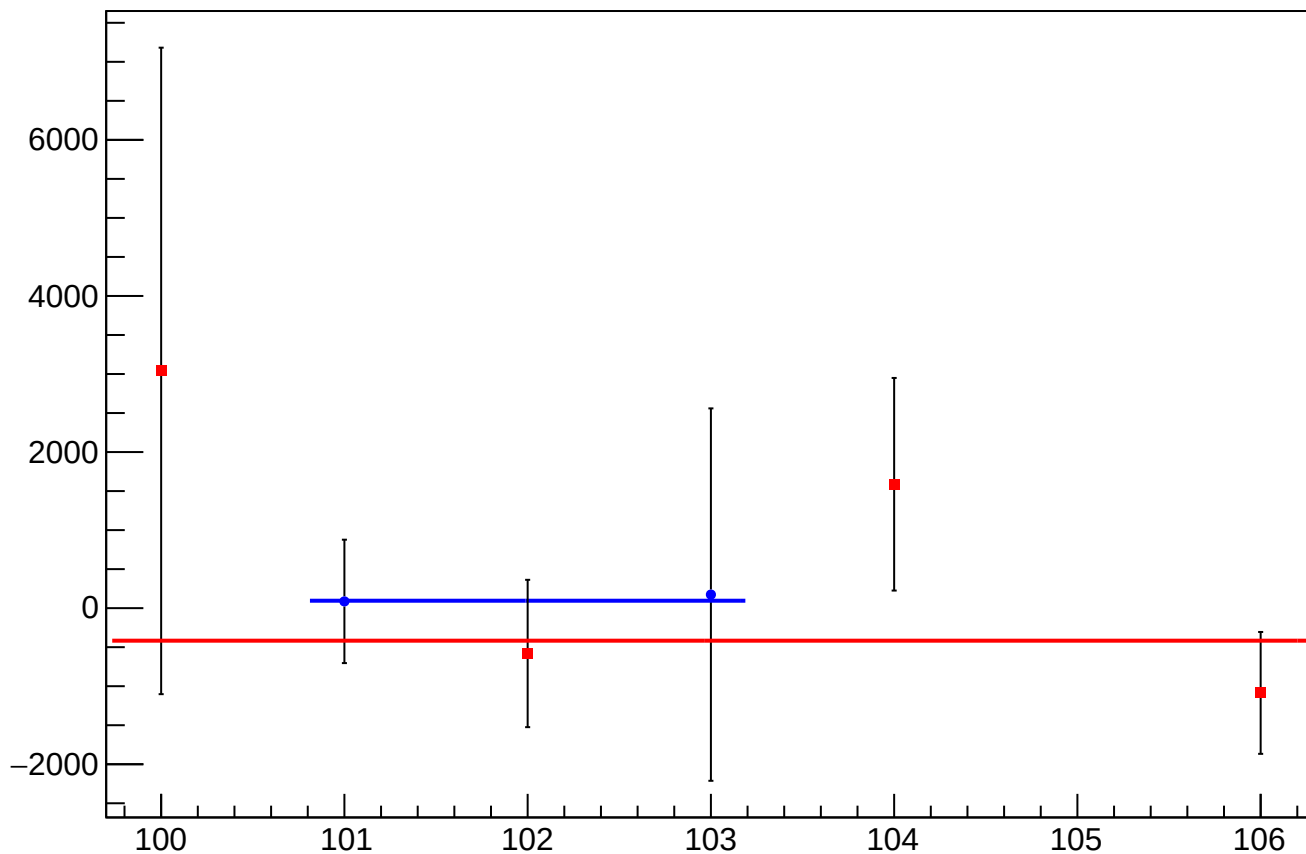
Right: 2192.278+/-1.016 χ^2/NDF : 662270.4/5

In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2192.278+/-1.016 χ^2/NDF : 662270.4/5

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -416.815+/-545.544 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

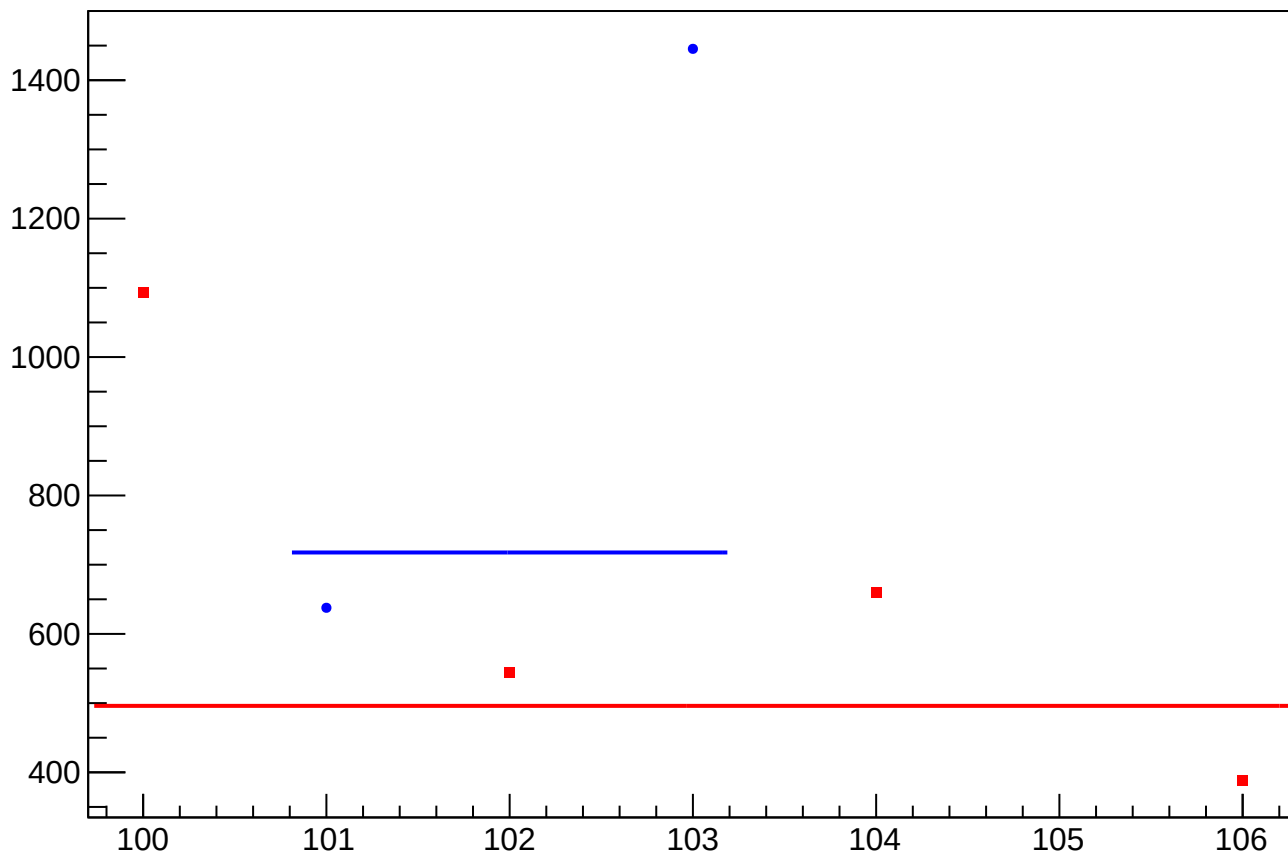
Right: -239.792+/-441.268 χ^2/NDF : 3.9/5

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.792+/-441.268 χ^2/NDF : 3.9/5

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.030+/-0.386 χ^2/NDF : 113751.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

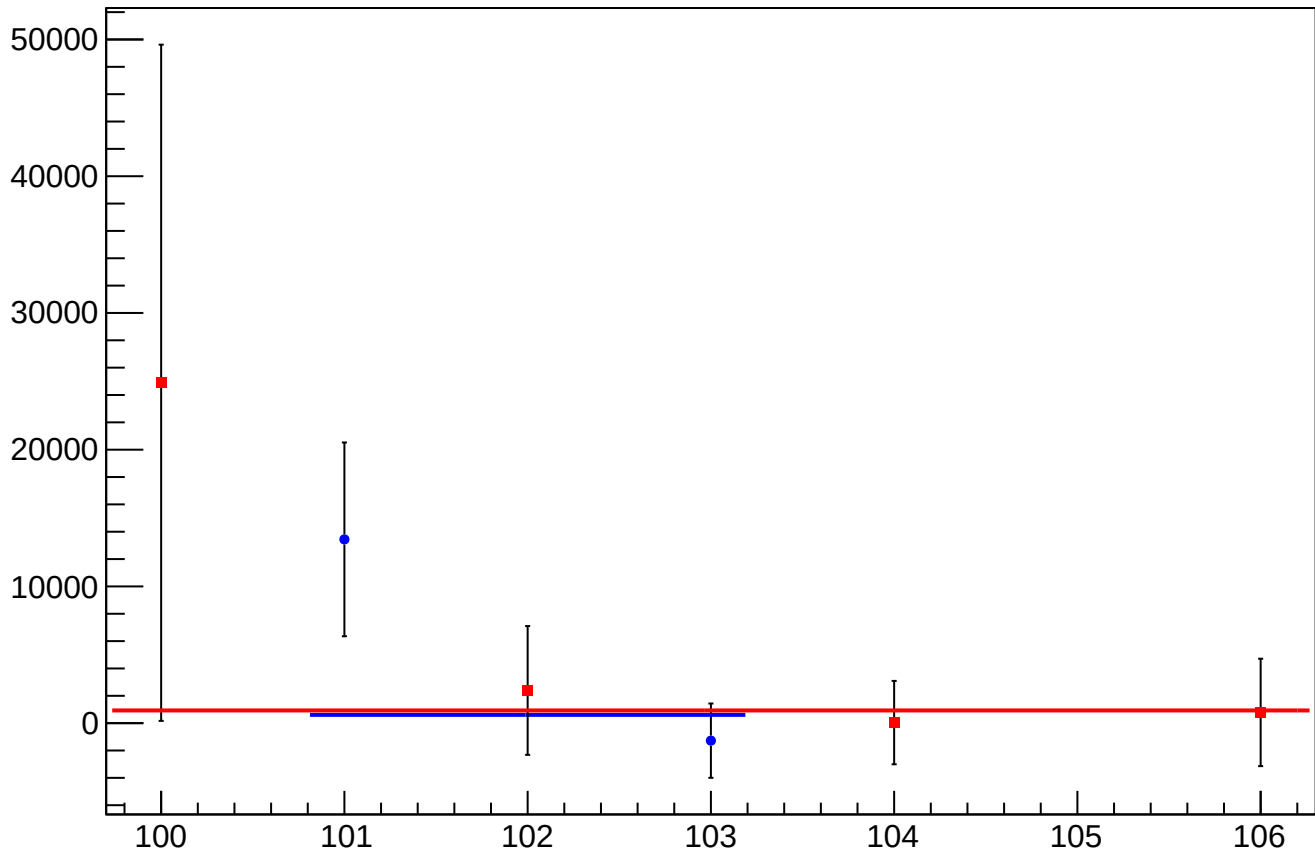
Right: 572.655+/-0.312 χ^2/NDF : 434343.2/5

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

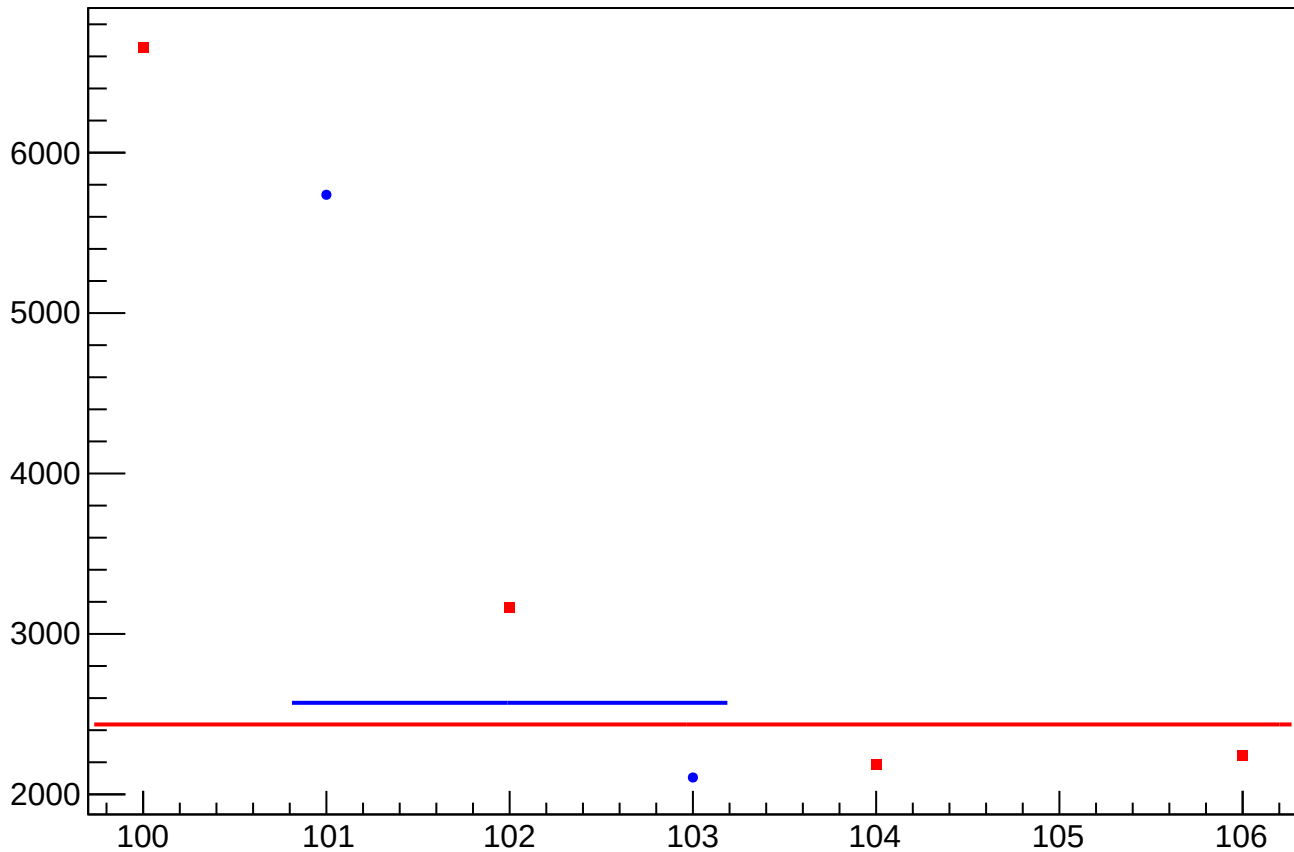
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.655+/-0.312 χ^2/NDF : 434343.2/5

dit_asym_at1_avg_mean vs Slug, Sign Corrected



dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2570.628+/-1.794 χ^2/NDF : 458173.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2435.756+/-1.510 χ^2/NDF : 124572.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

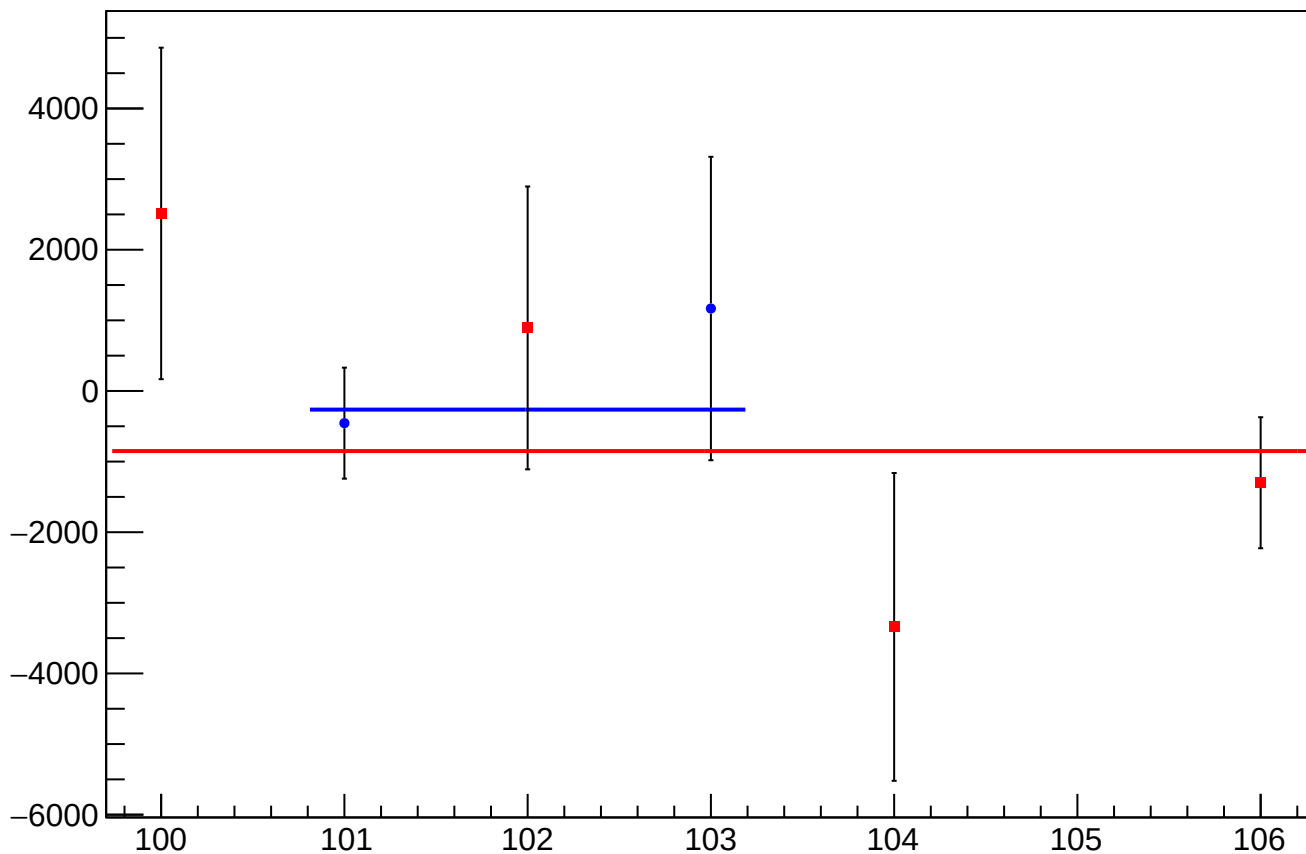
Right: 2491.716+/-1.155 χ^2/NDF : 586053.5/5

In: 2570.628+/-1.794 χ^2/NDF : 458173.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2491.716+/-1.155 χ^2/NDF : 586053.5/5

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -263.923+/-738.158 χ^2 /NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -850.925+/-744.679 χ^2 /NDF: 4.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

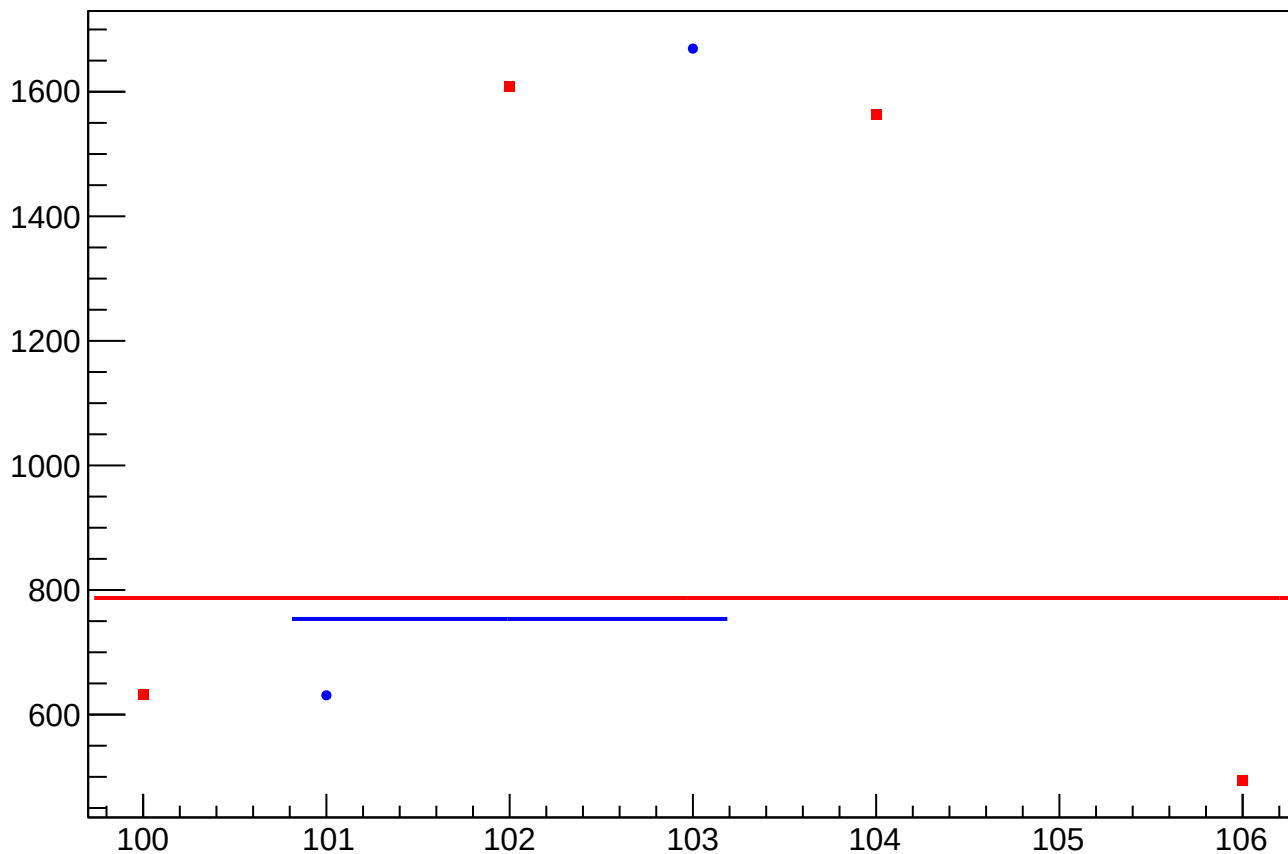
Right: -554.843+/-524.247 χ^2 /NDF: 5.2/5

In: -263.923+/-738.158 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -554.843+/-524.247 χ^2 /NDF: 5.2/5

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 753.527+/-0.522 χ^2/NDF : 412094.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 787.176+/-0.527 χ^2/NDF : 798985.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

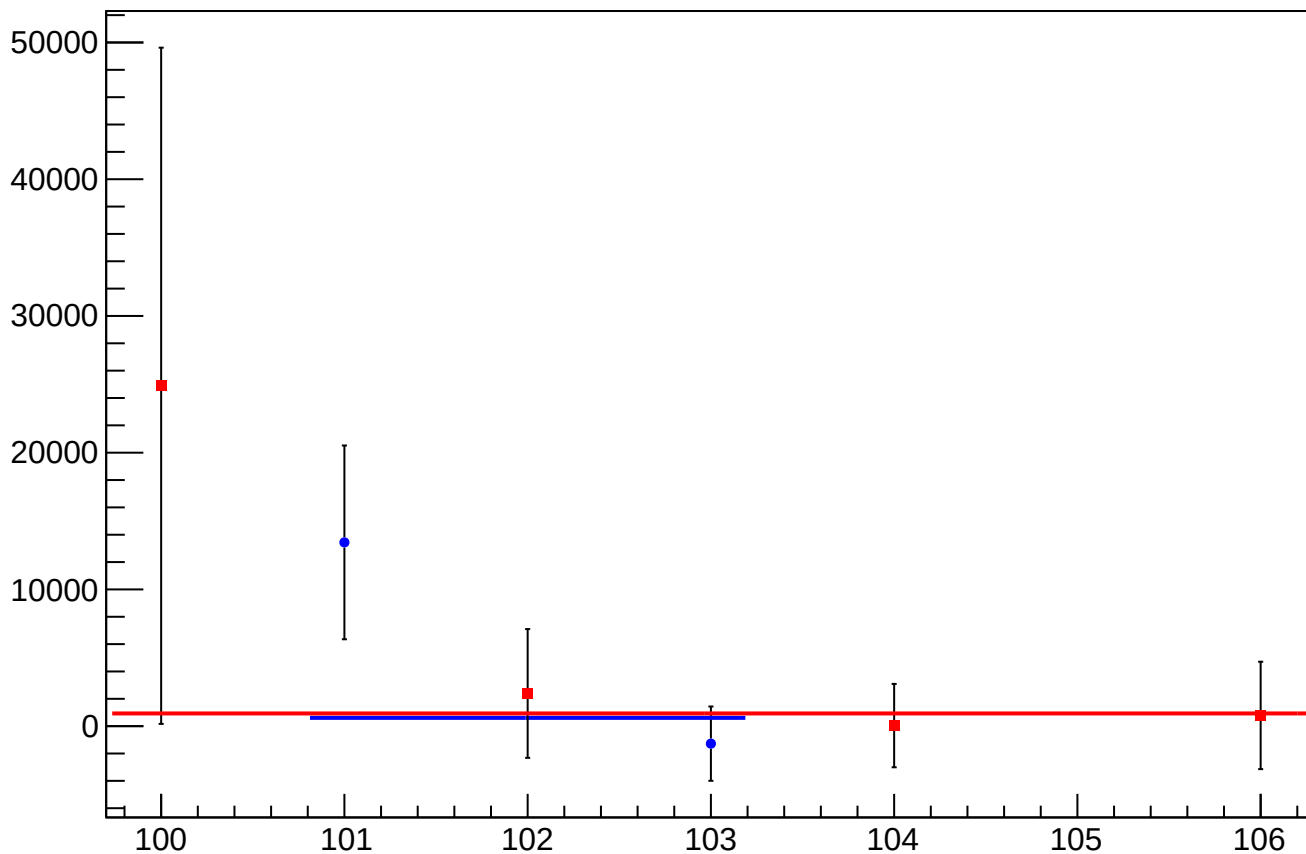
Right: 770.204+/-0.371 χ^2/NDF : 1213139.6/5

In: 753.527+/-0.522 χ^2/NDF :412094.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 770.204+/-0.371 χ^2/NDF : 1213139.6/5

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 606.951+/-2536.680 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.083+/-2136.190 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

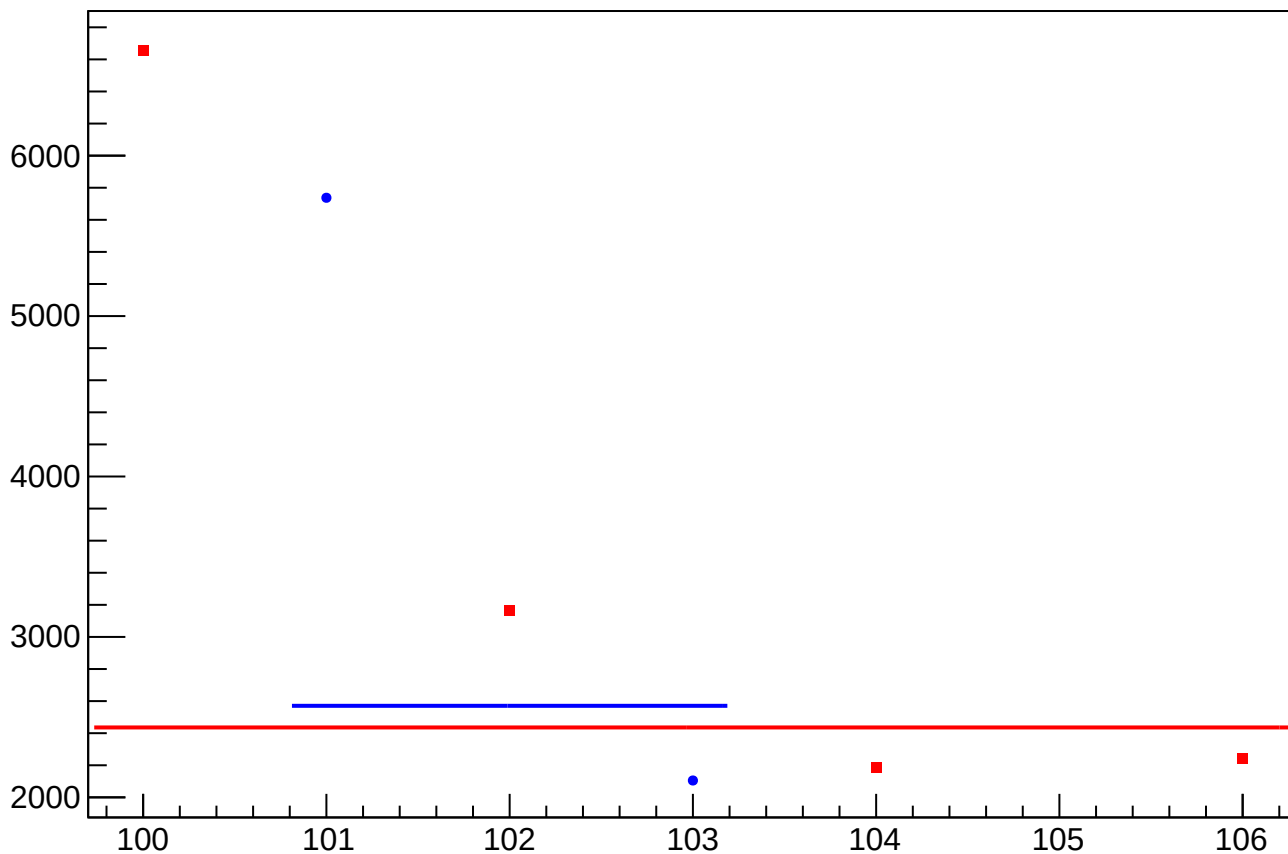
Right: 796.009+/-1633.984 χ^2/NDF : 4.9/5

In: 606.951+/-2536.680 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 796.009+/-1633.984 χ^2/NDF : 4.9/5

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2570.623+/-1.794 χ^2/NDF : 458174.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2435.753+/-1.510 χ^2/NDF : 124571.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

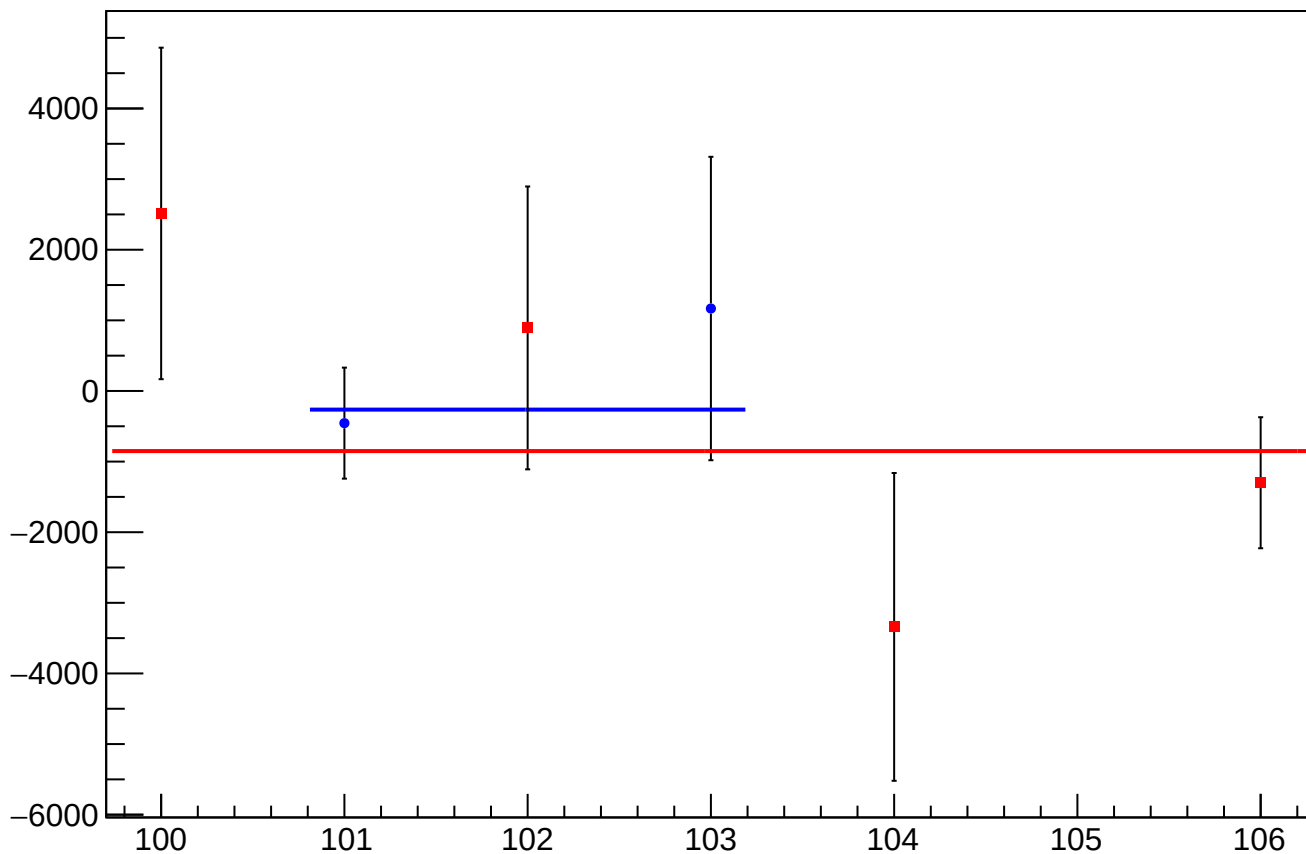
Right: 2491.712+/-1.155 χ^2/NDF : 586054.5/5

In: 2570.623+/-1.794 χ^2/NDF : 458174.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2491.712+/-1.155 χ^2/NDF : 586054.5/5

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -263.926+/-738.157 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -850.923+/-744.679 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

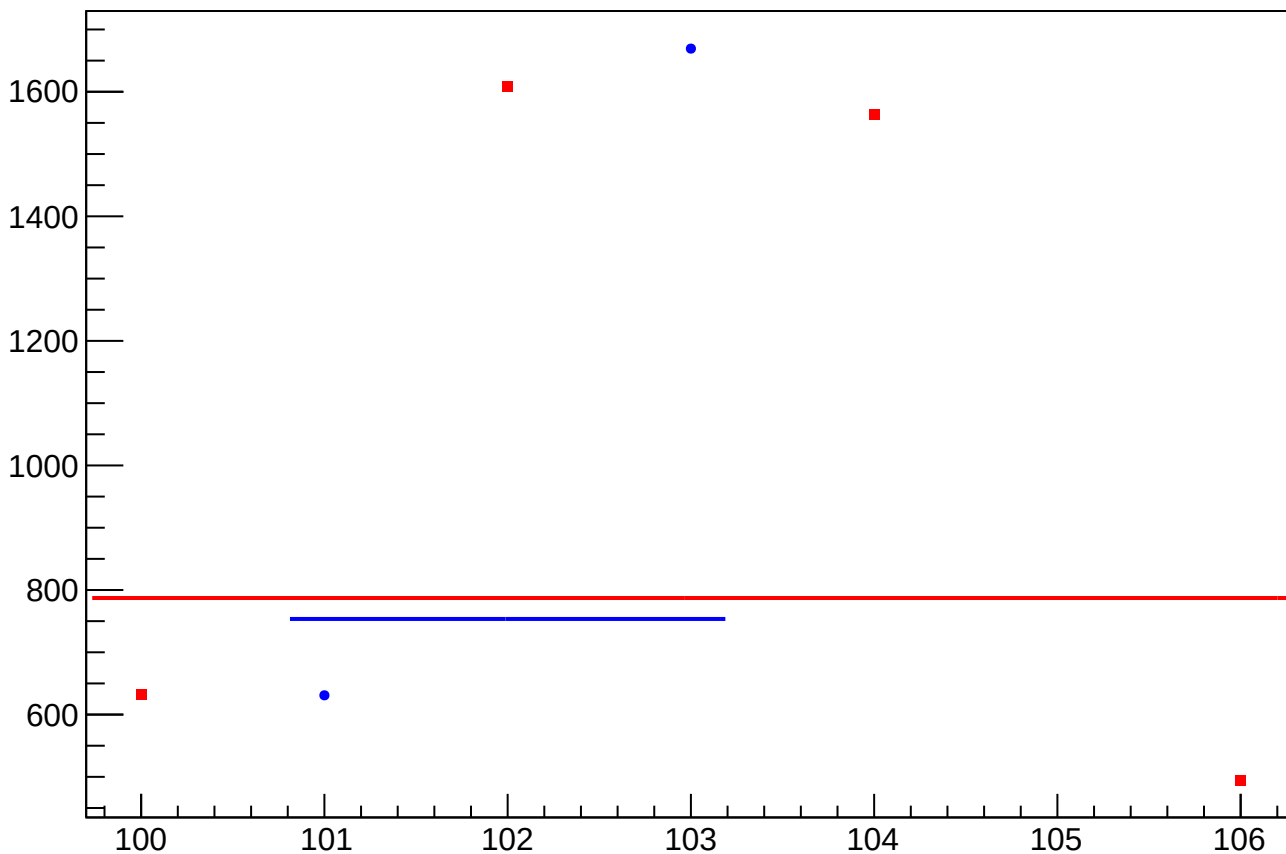
Right: -554.843+/-524.247 χ^2/NDF : 5.2/5

In: -263.926+/-738.157 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.843+/-524.247 χ^2/NDF : 5.2/5

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 753.525+/-0.522 χ^2/NDF : 412098.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 787.175+/-0.527 χ^2/NDF : 798989.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

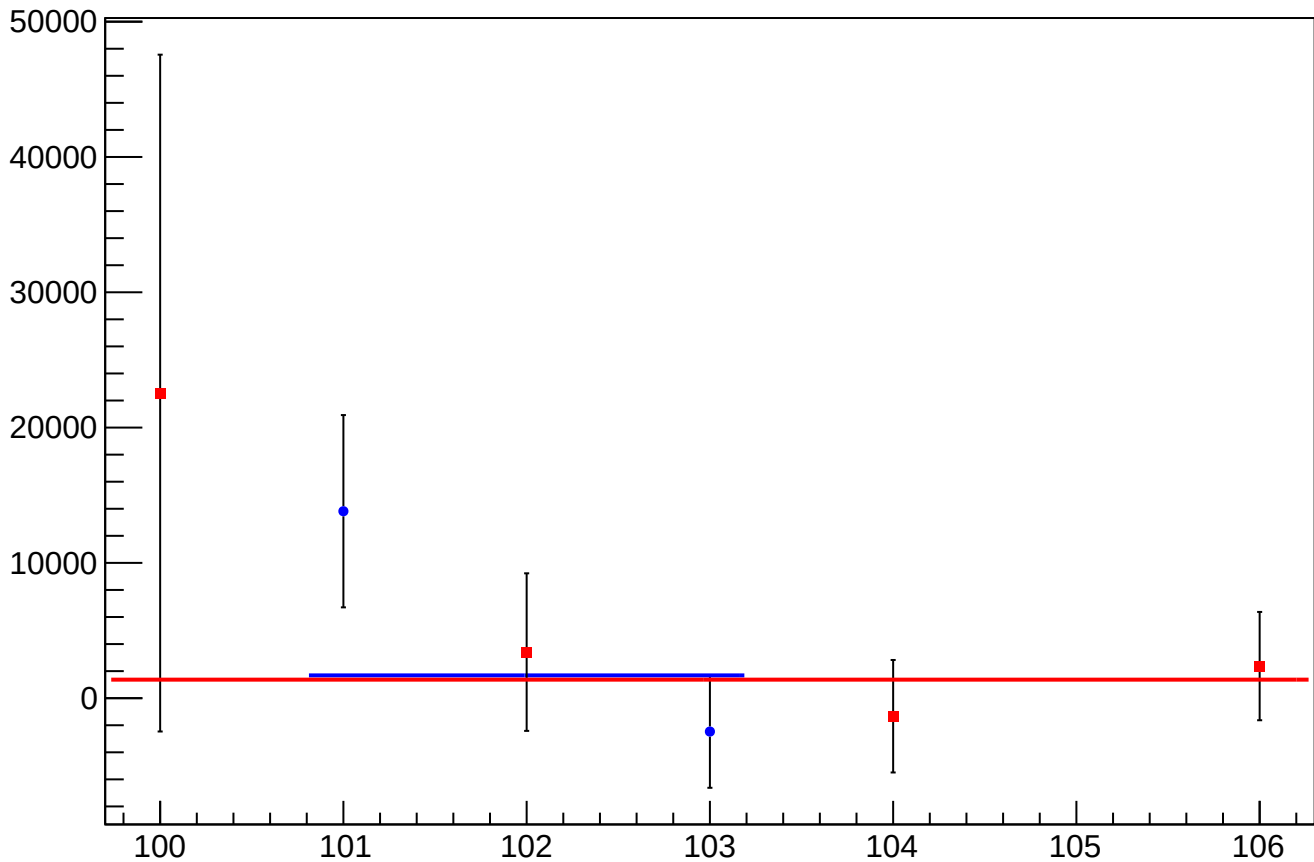
Right: 770.202+/-0.371 χ^2/NDF : 1213147.6/5

In: 753.525+/-0.522 χ^2/NDF : 412098.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 770.202+/-0.371 χ^2/NDF : 1213147.6/5

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1684.628+/-3587.783 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.225+/-2570.150 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

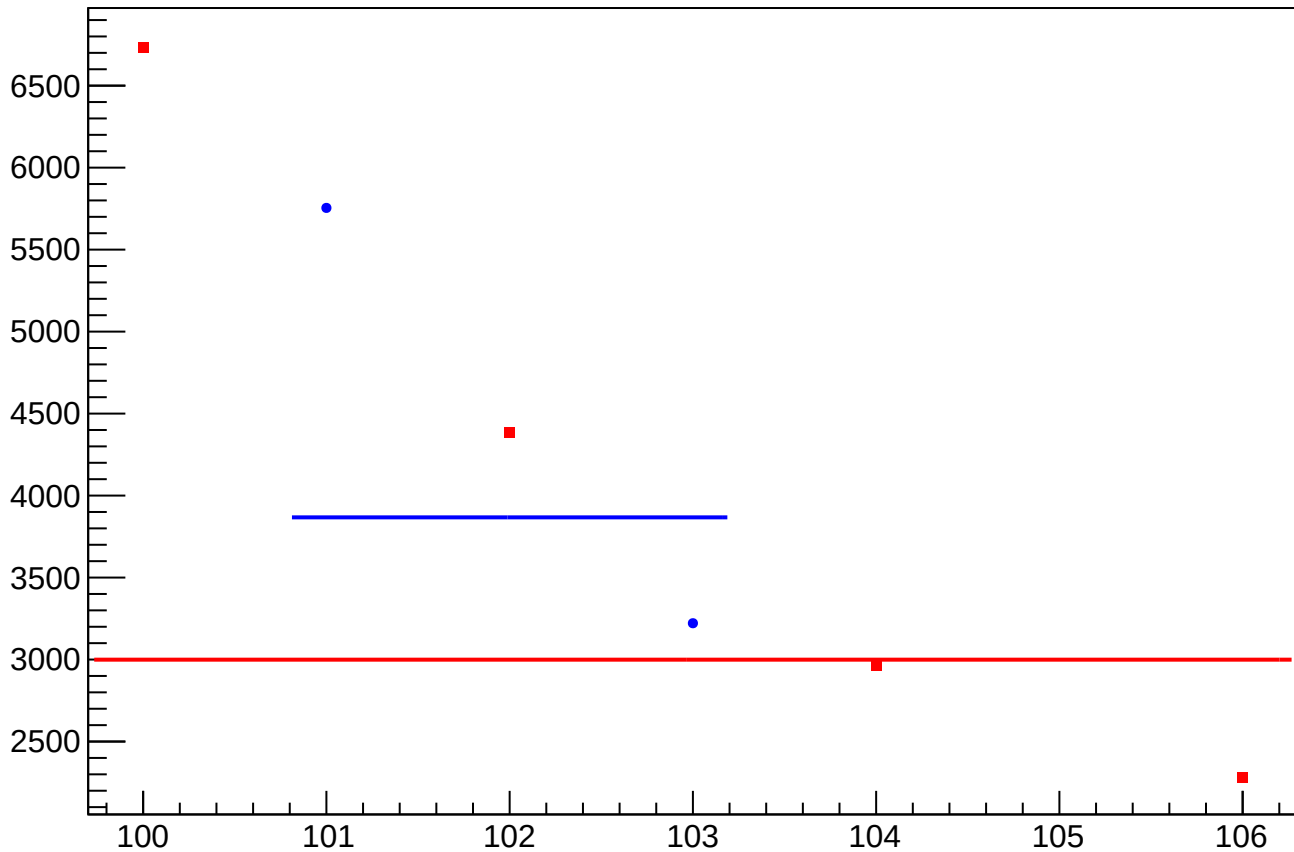
Right: 1476.851+/-2089.364 χ^2/NDF : 5.2/5

In: 1684.628+/-3587.783 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.851+/-2089.364 χ^2/NDF : 5.2/5

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 3867.189+/-2.537 χ^2/NDF : 189327.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2999.316+/-1.817 χ^2/NDF : 222522.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

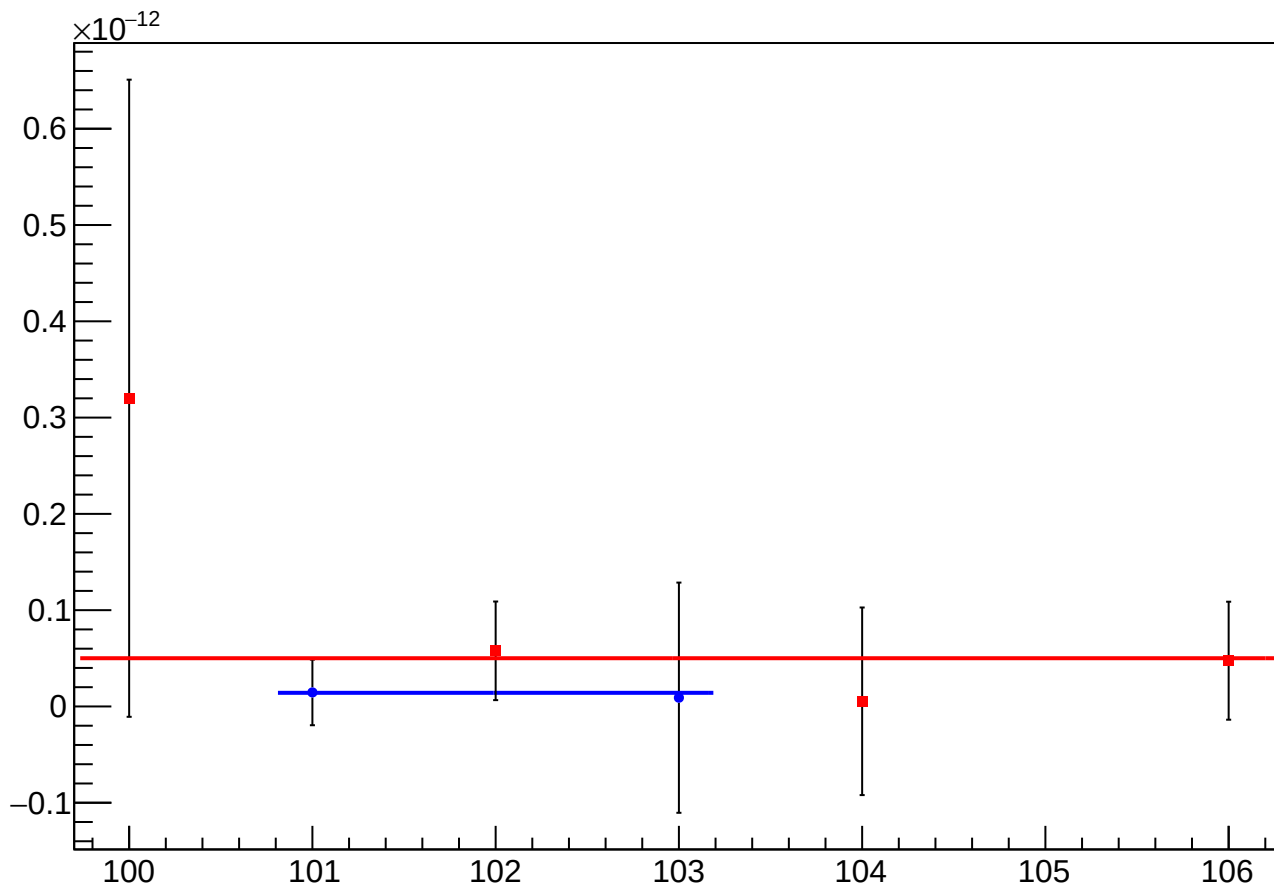
Right: 3293.631+/-1.477 χ^2/NDF : 489190.9/5

In: 3867.189+/-2.537 χ^2/NDF : 189327.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3293.631+/-1.477 χ^2/NDF : 489190.9/5

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

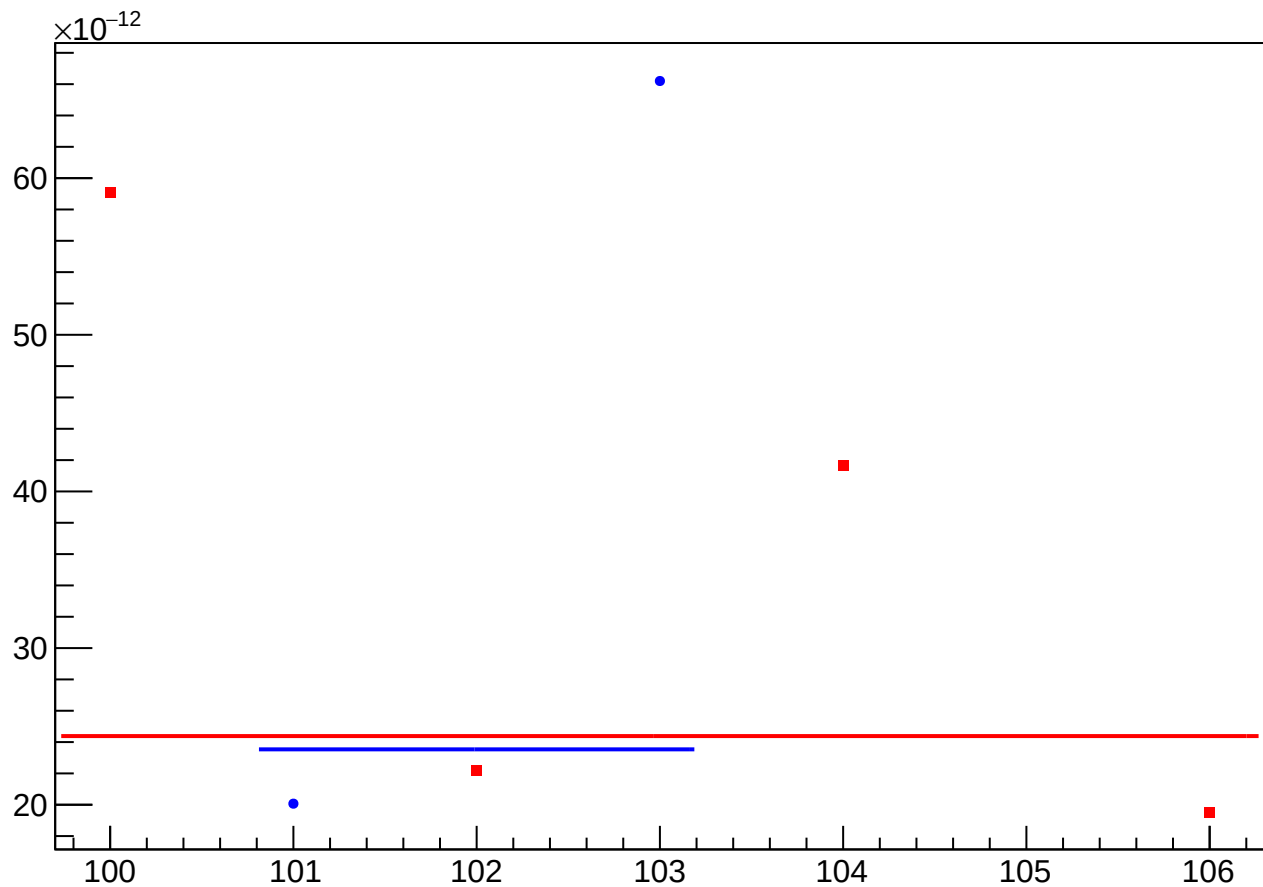
Right: 0.000+/-0.000 χ^2/NDF : 1.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.4/5

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 275484.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 100952.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

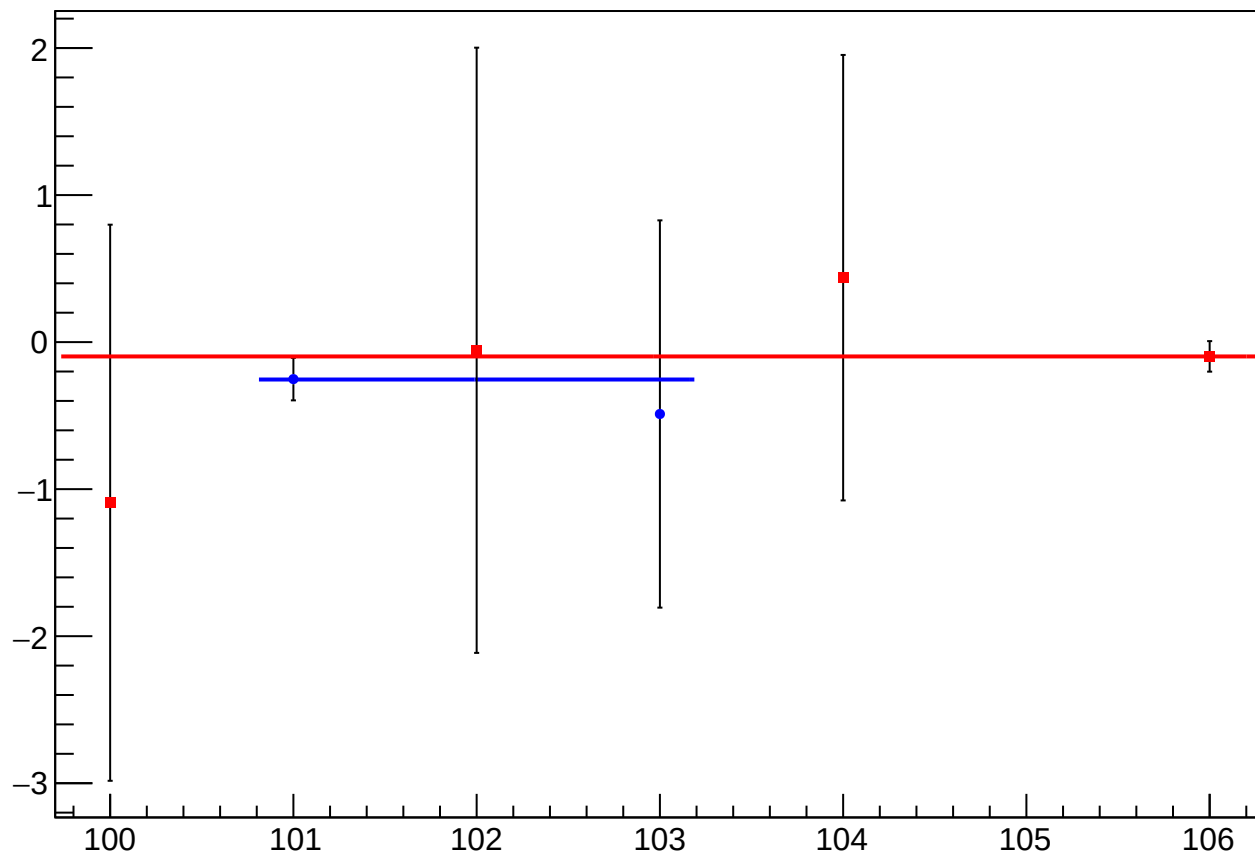
Right: 0.000+/-0.000 χ^2/NDF : 377038.7/5

In: 0.000+/-0.000 χ^2/NDF : 275484.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 377038.7/5

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.103 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

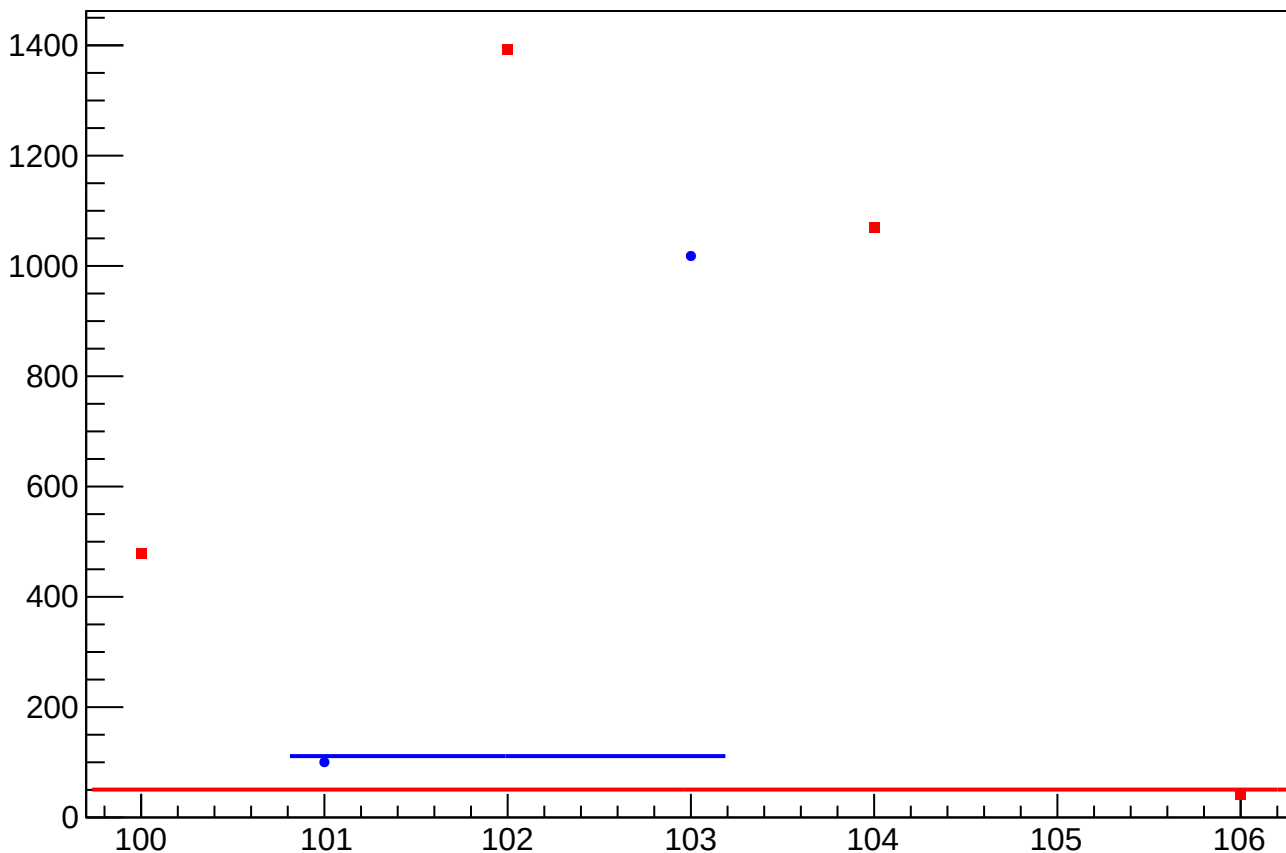
Right: -0.151+/-0.084 χ^2/NDF : 1.2/5

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.151+/-0.084 χ^2/NDF : 1.2/5

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.523+/-0.073 χ^2/NDF : 1876462.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

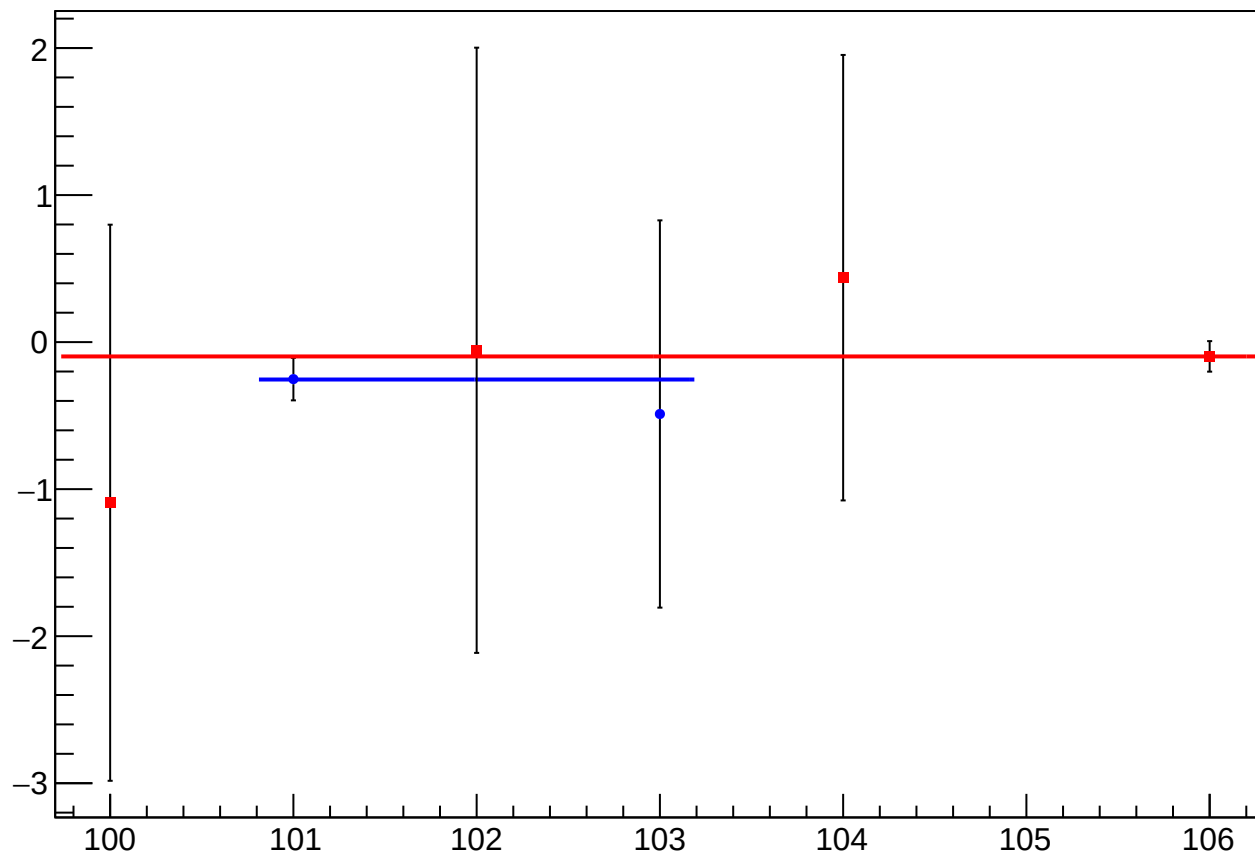
Right: 71.180+/-0.059 χ^2/NDF : 3071443.0/5

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.180+/-0.059 χ^2/NDF : 3071443.0/5

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.103 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

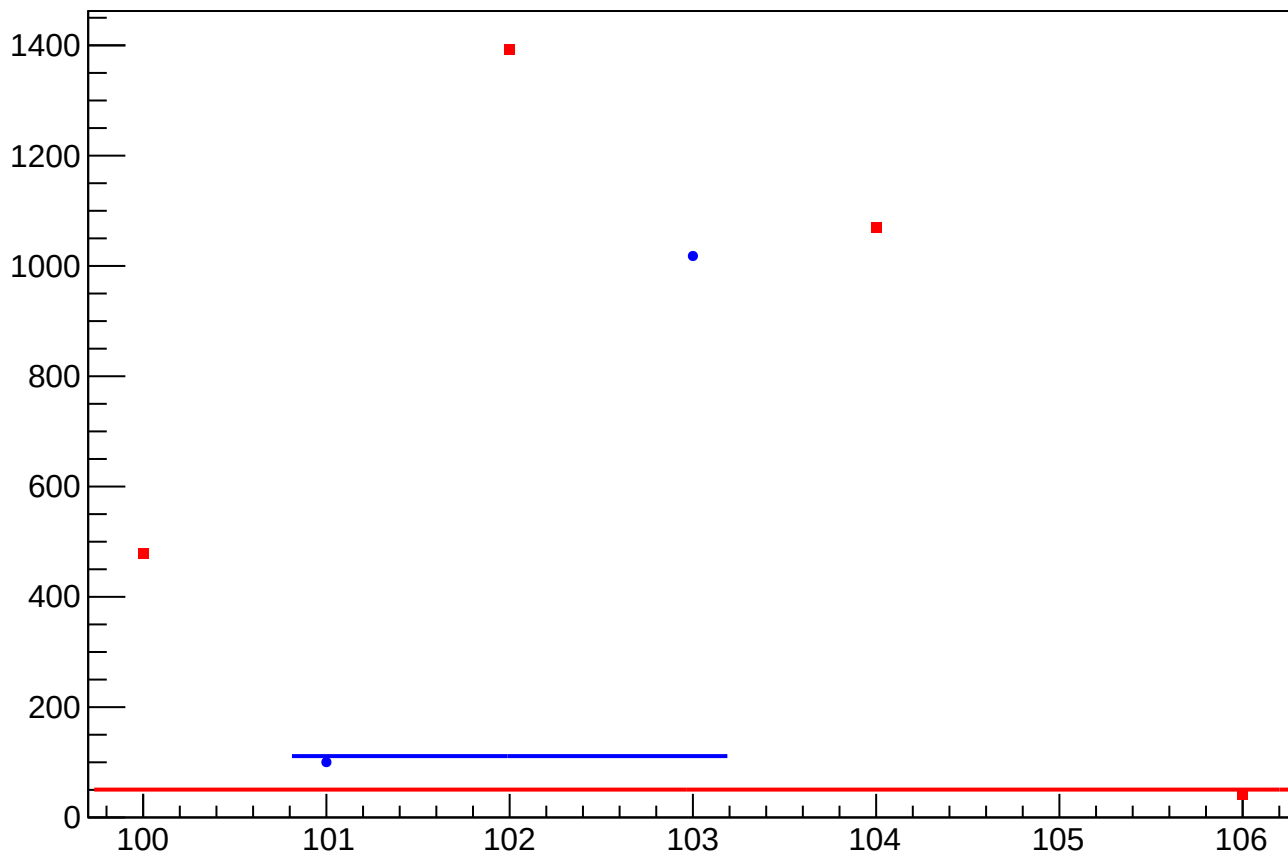
Right: -0.151+/-0.084 χ^2/NDF : 1.2/5

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.151+/-0.084 χ^2/NDF : 1.2/5

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.523+/-0.073 χ^2/NDF : 1876462.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

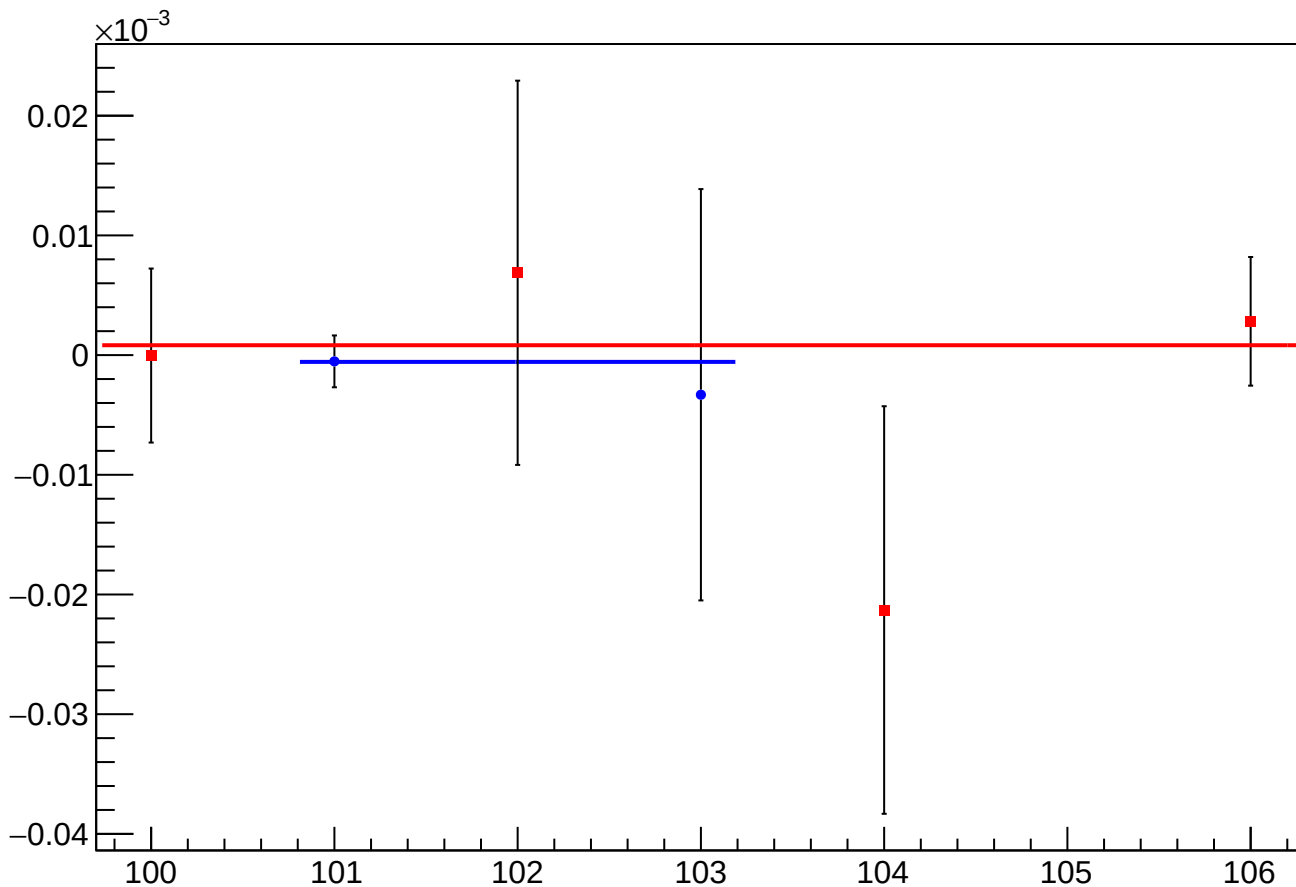
Right: 71.180+/-0.059 χ^2/NDF : 3071443.0/5

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.180+/-0.059 χ^2/NDF : 3071443.0/5

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

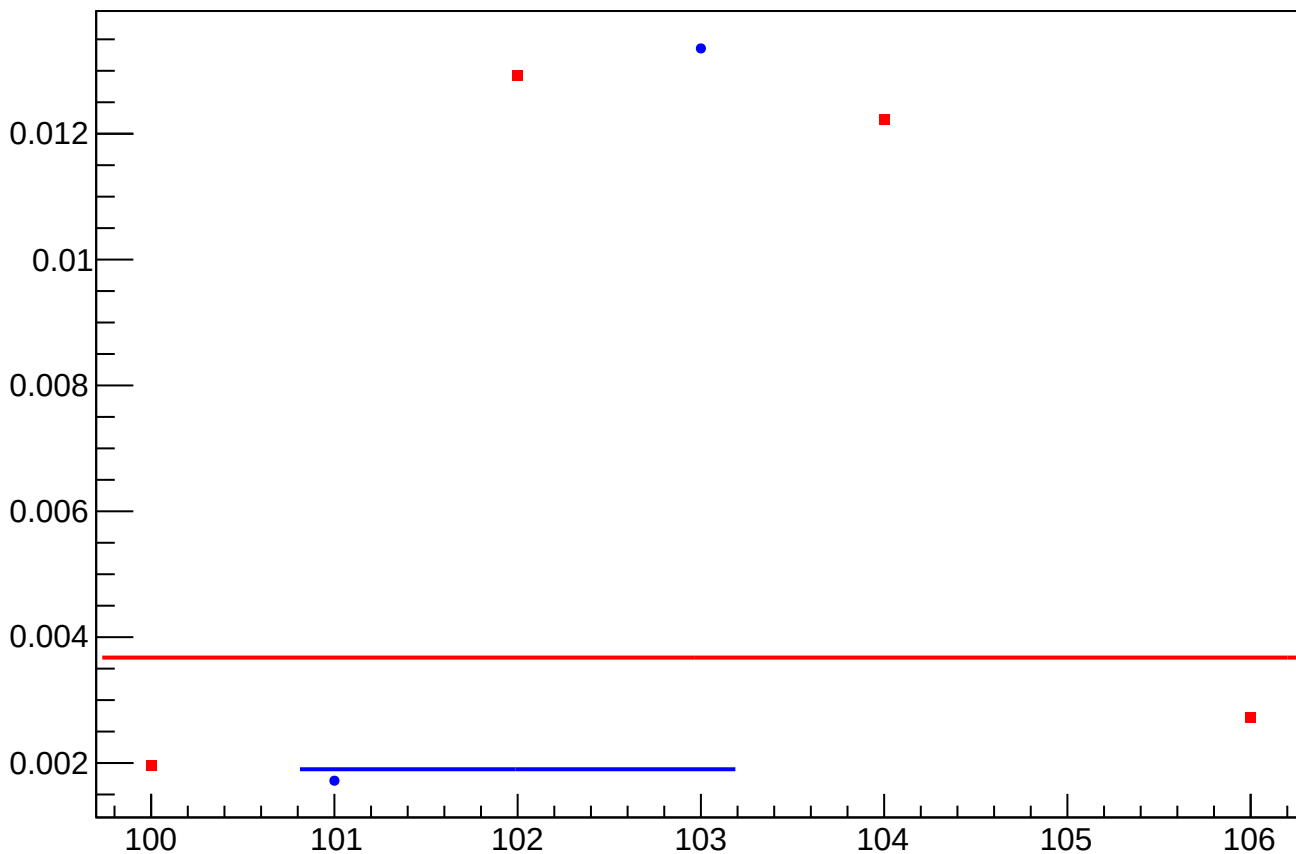
Right: -0.000+/-0.000 χ^2/NDF : 2.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/5

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 902860.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1342330.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

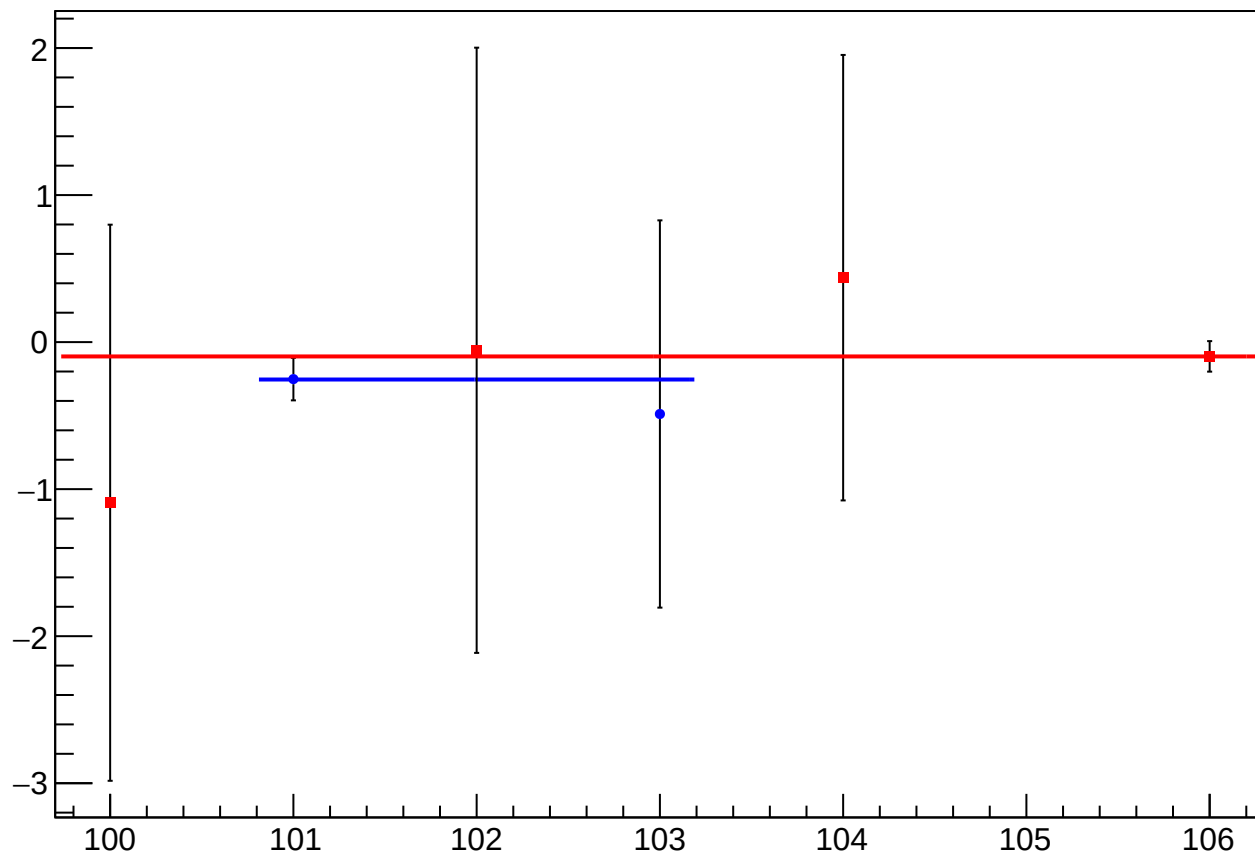
Right: 0.002+/-0.000 χ^2/NDF : 2544485.2/5

In: 0.002+/-0.000 χ^2/NDF : 902860.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2544485.2/5

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.103 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

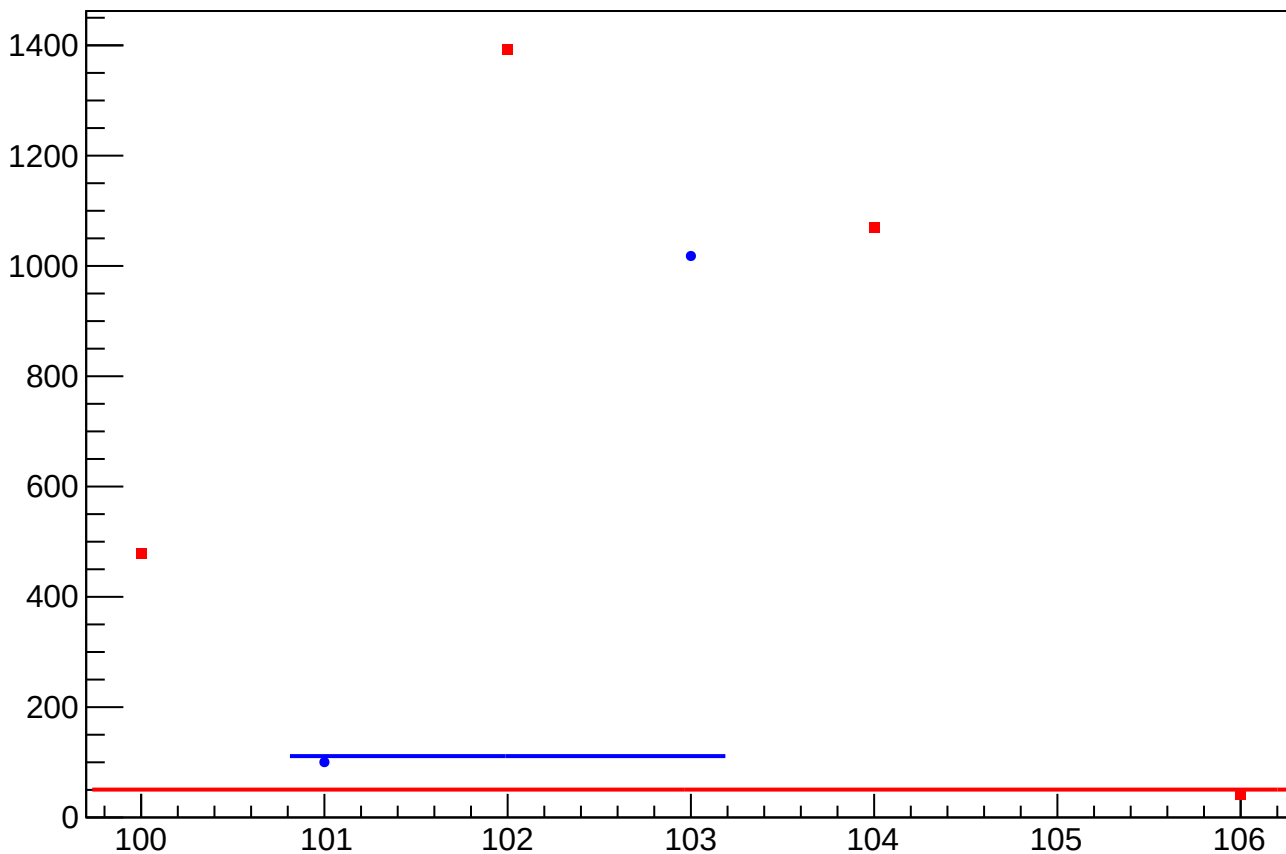
Right: -0.151+/-0.084 χ^2/NDF : 1.2/5

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.151+/-0.084 χ^2/NDF : 1.2/5

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.518+/-0.073 χ^2/NDF : 1876471.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

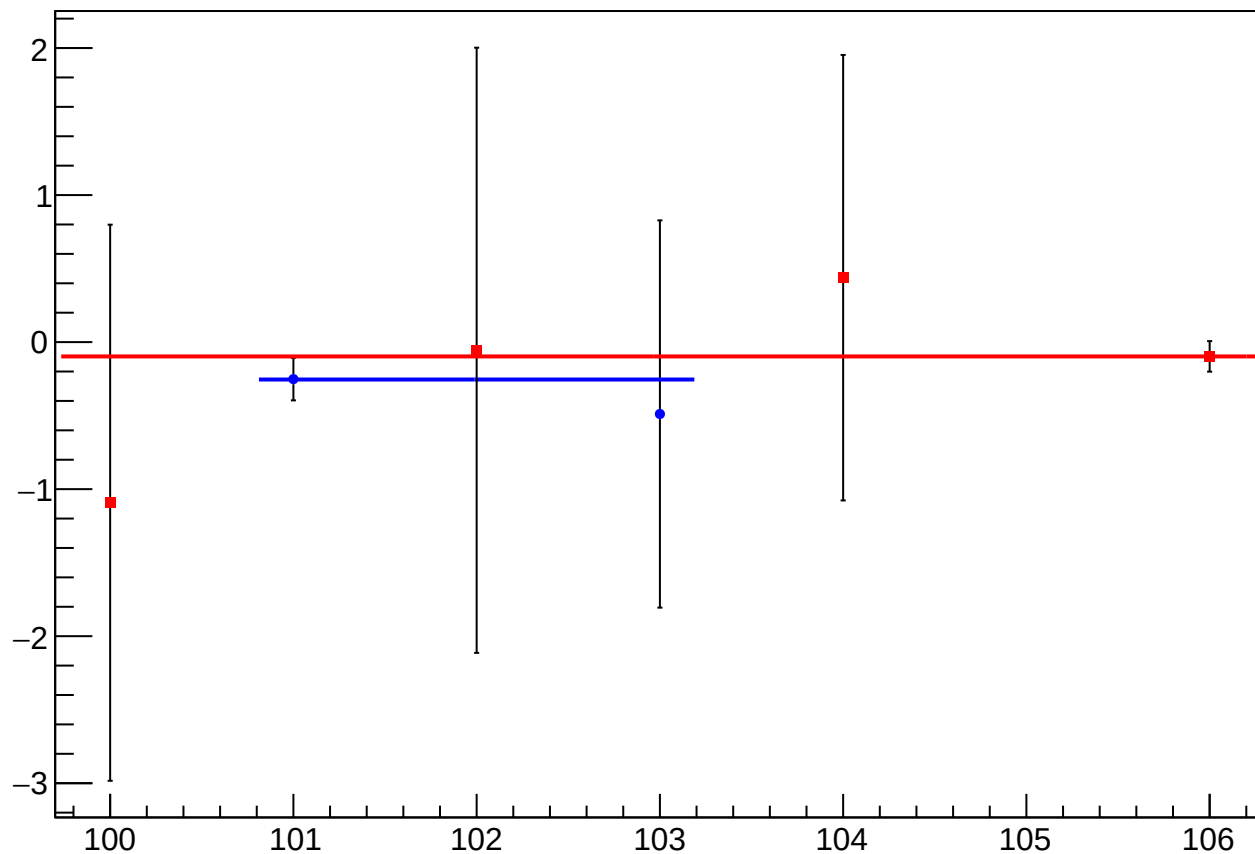
Right: 71.175+/-0.059 χ^2/NDF : 3071494.6/5

In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.175+/-0.059 χ^2/NDF : 3071494.6/5

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.097+/-0.103 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

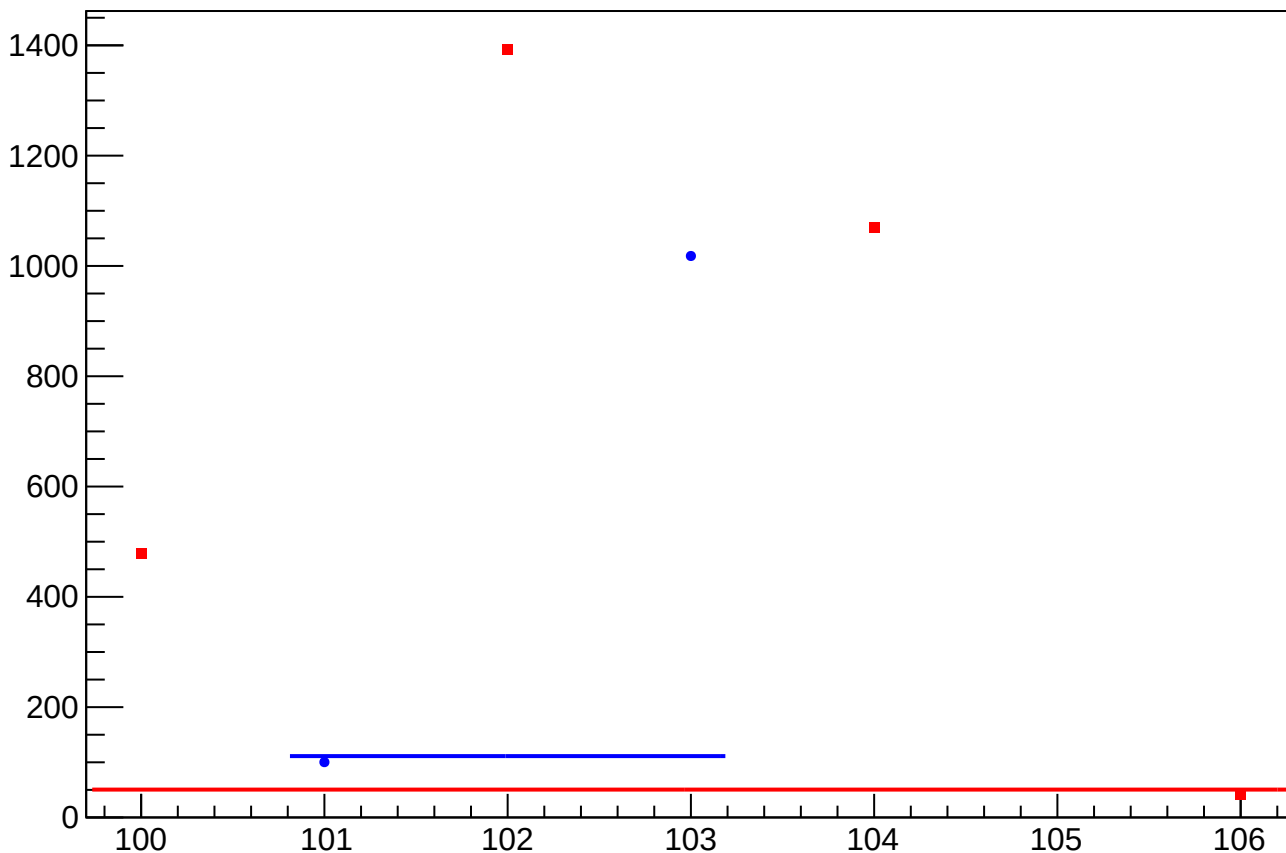
Right: -0.151+/-0.084 χ^2/NDF : 1.2/5

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.151+/-0.084 χ^2/NDF : 1.2/5

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.237 $\pm$ 0.102 χ^2 /NDF: 959741.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.518 $\pm$ 0.073 χ^2 /NDF: 1876471.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

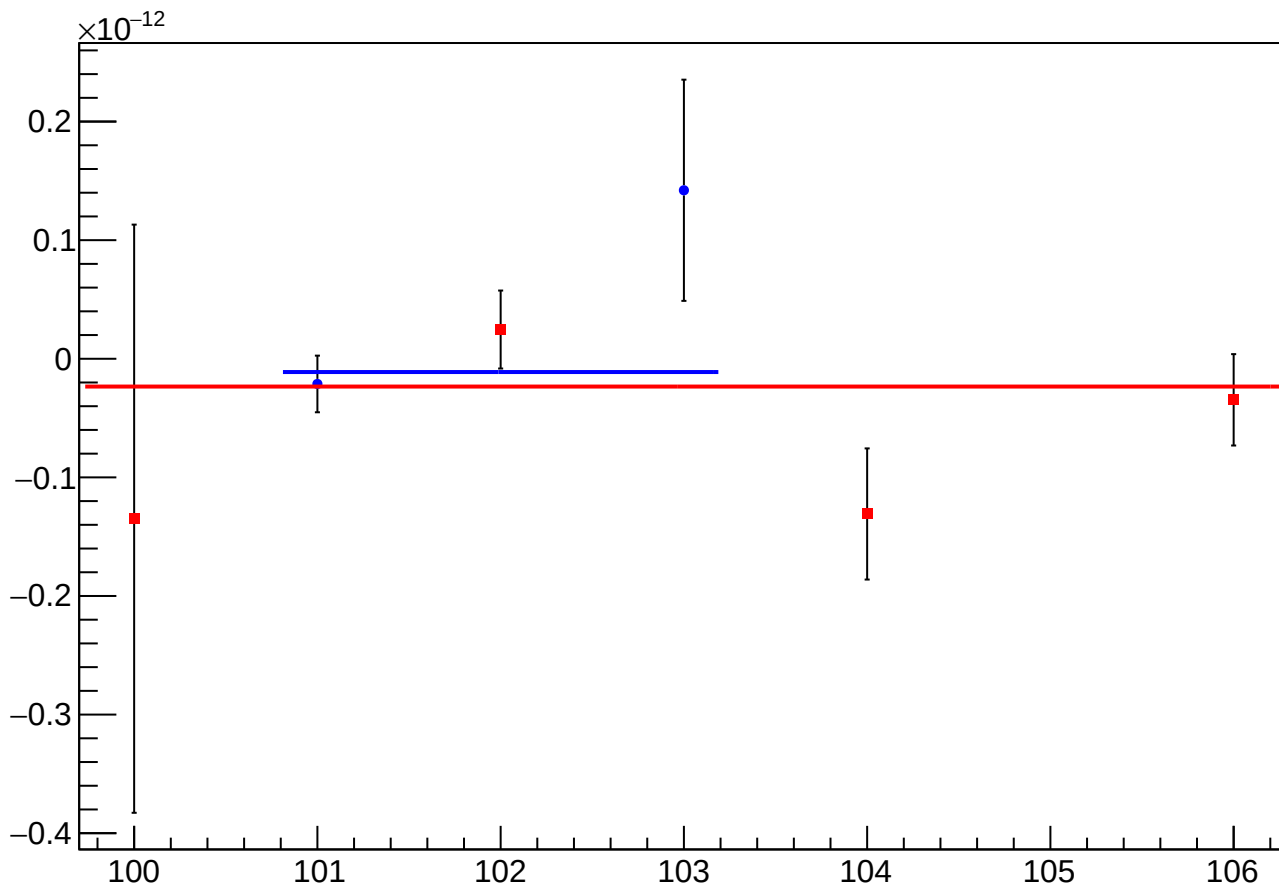
Right: 71.175 $\pm$ 0.059 χ^2 /NDF: 3071494.6/5

In: 111.237 $\pm$ 0.102 χ^2 /NDF:959741.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 71.175 $\pm$ 0.059 χ^2 /NDF: 3071494.6/5

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

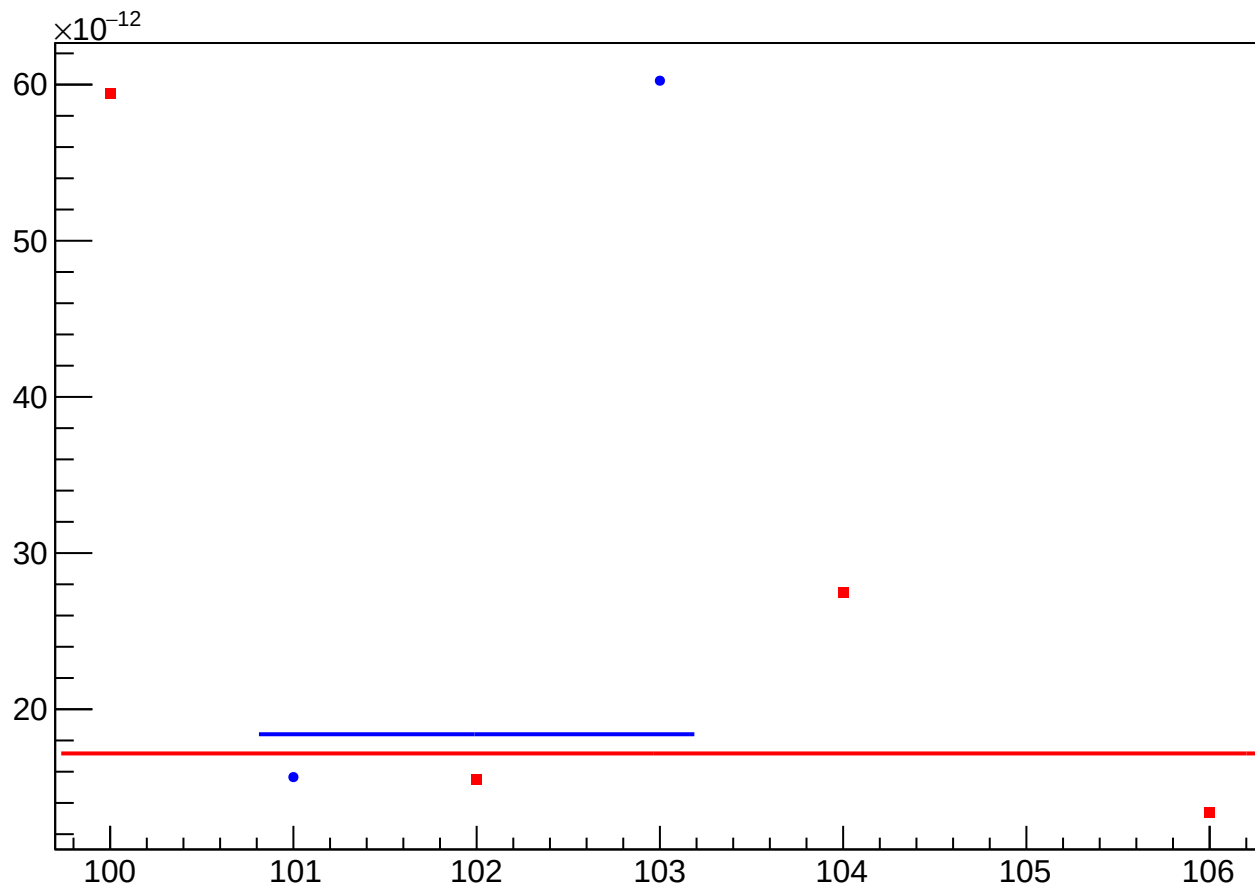
Right: -0.000+/-0.000 χ^2/NDF : 9.2/5

In: -0.000+/-0.000 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.2/5

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 429277.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152270.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

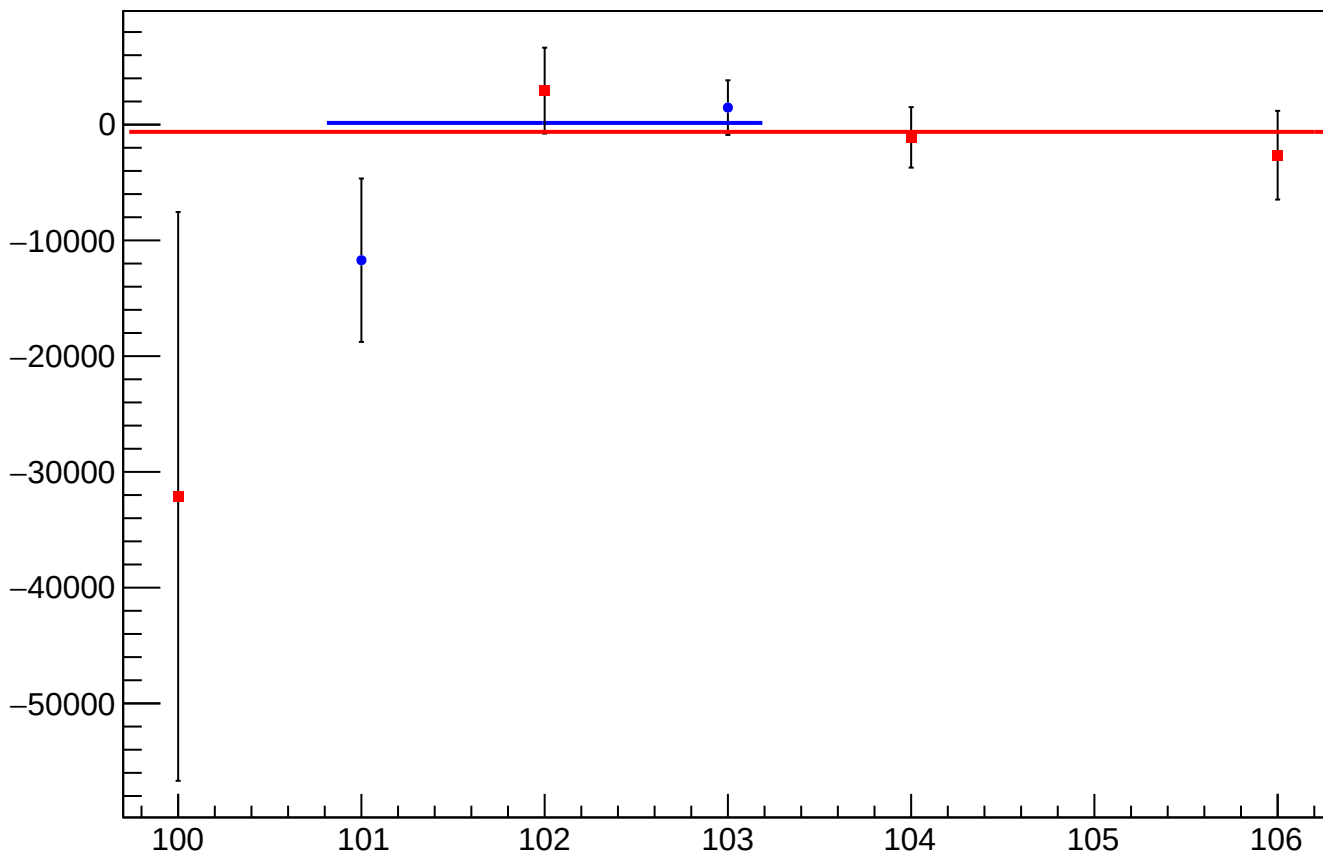
Right: 0.000+/-0.000 χ^2/NDF : 584425.4/5

In: 0.000+/-0.000 χ^2/NDF : 429277.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 584425.4/5

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 148.545 $\pm$ 2236.917 χ^2 /NDF: 3.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -624.743 $\pm$ 1860.586 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

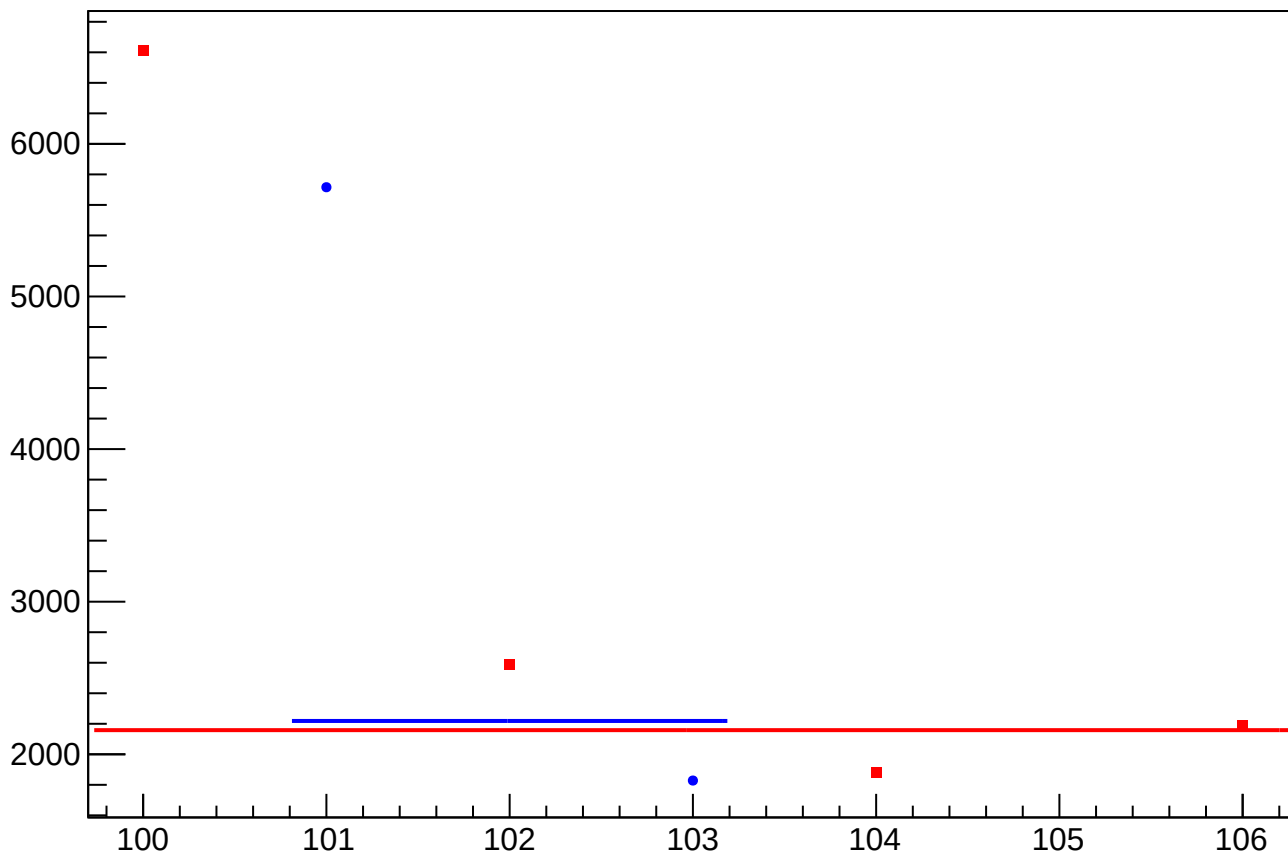
Right: -308.527 $\pm$ 1430.446 χ^2 /NDF: 6.1/5

In: 148.545 $\pm$ 2236.917 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -308.527 $\pm$ 1430.446 χ^2 /NDF: 6.1/5

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.500+/-1.582 χ^2/NDF : 545817.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2158.290+/-1.316 χ^2/NDF : 115922.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

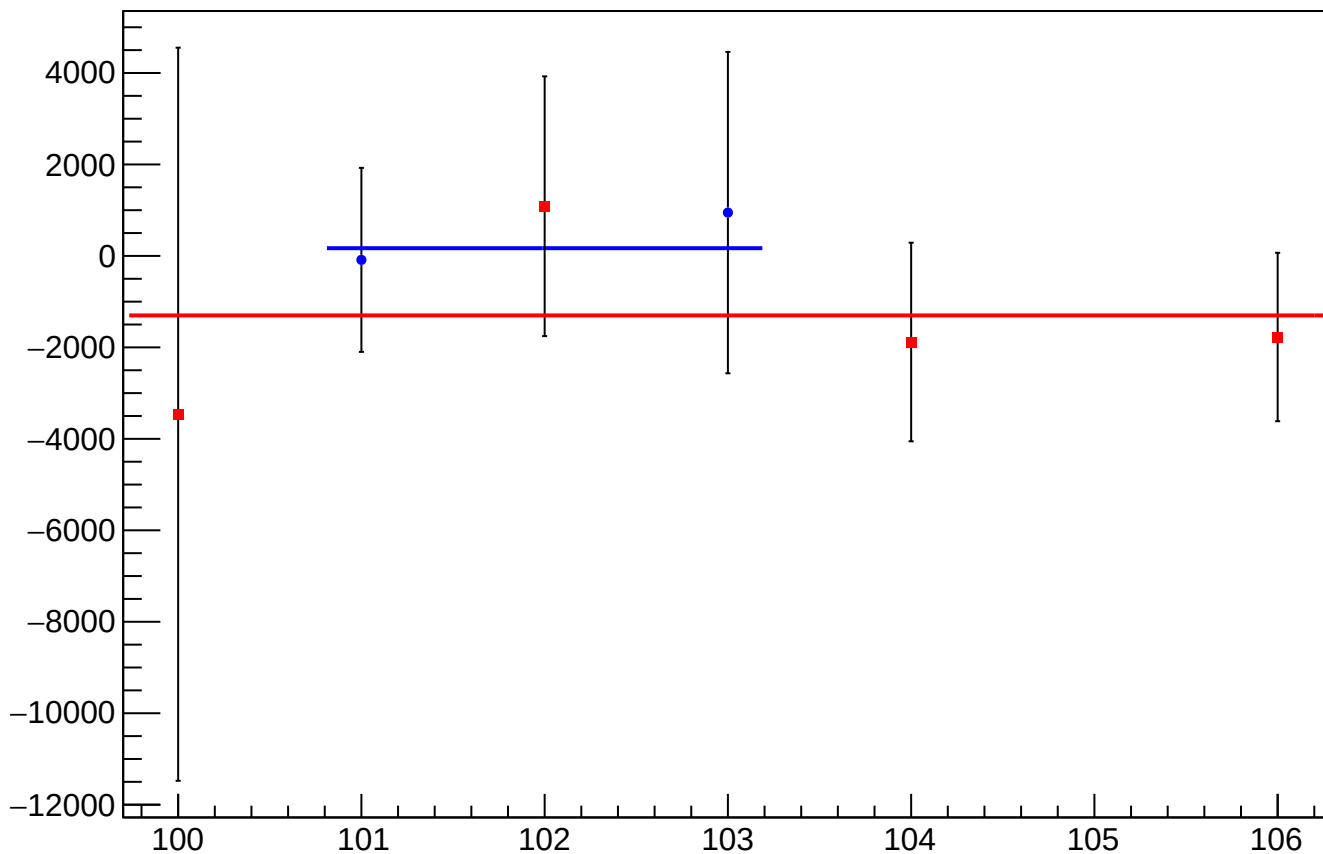
Right: 2182.911+/-1.011 χ^2/NDF : 662596.5/5

In: 2218.500+/-1.582 χ^2/NDF : 545817.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.911+/-1.011 χ^2/NDF : 662596.5/5

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 168.804+/-1746.105 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1301.475+/-1243.487 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

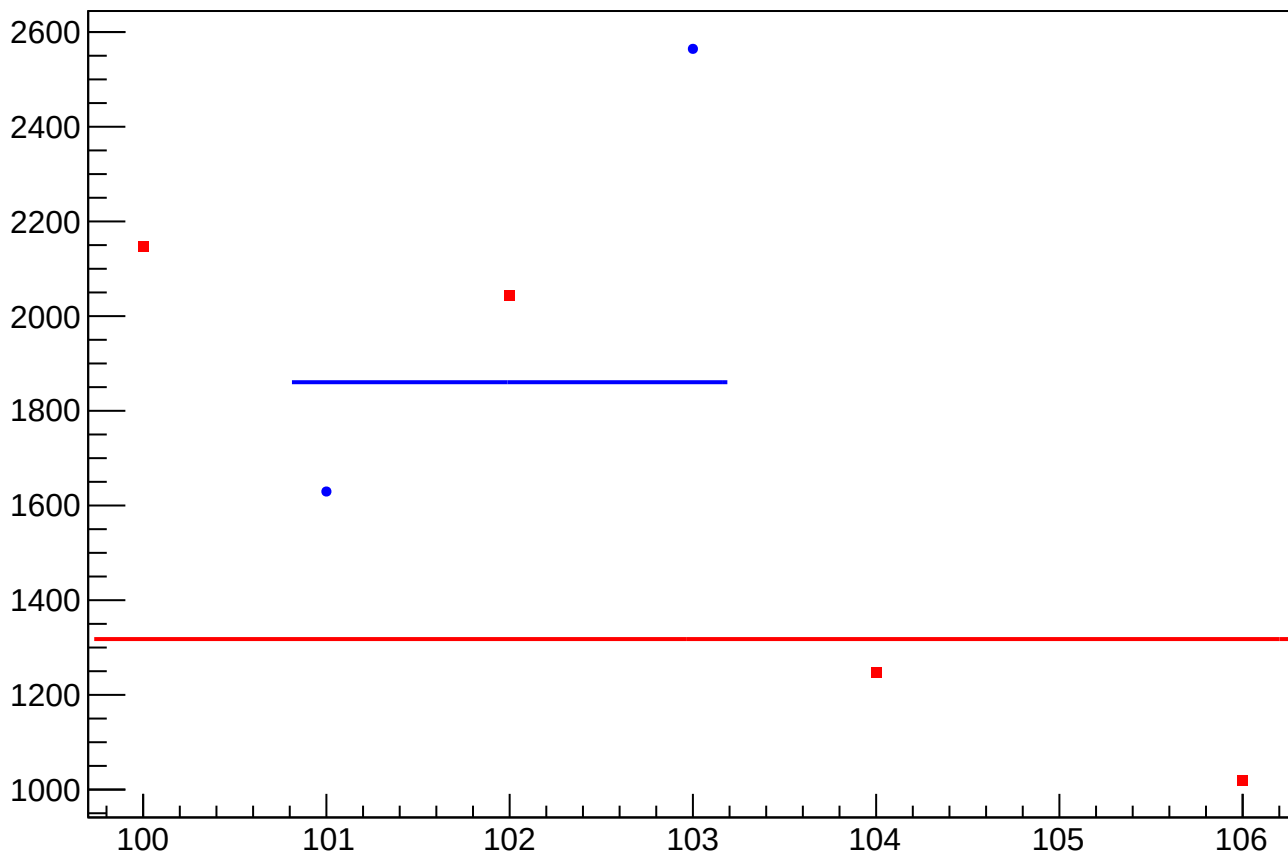
Right: -806.728+/-1012.890 χ^2/NDF : 1.5/5

In: 168.804+/-1746.105 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.728+/-1012.890 χ^2/NDF : 1.5/5

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1860.402+/-1.235 χ^2/NDF : 106631.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.895+/-0.879 χ^2/NDF : 206476.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

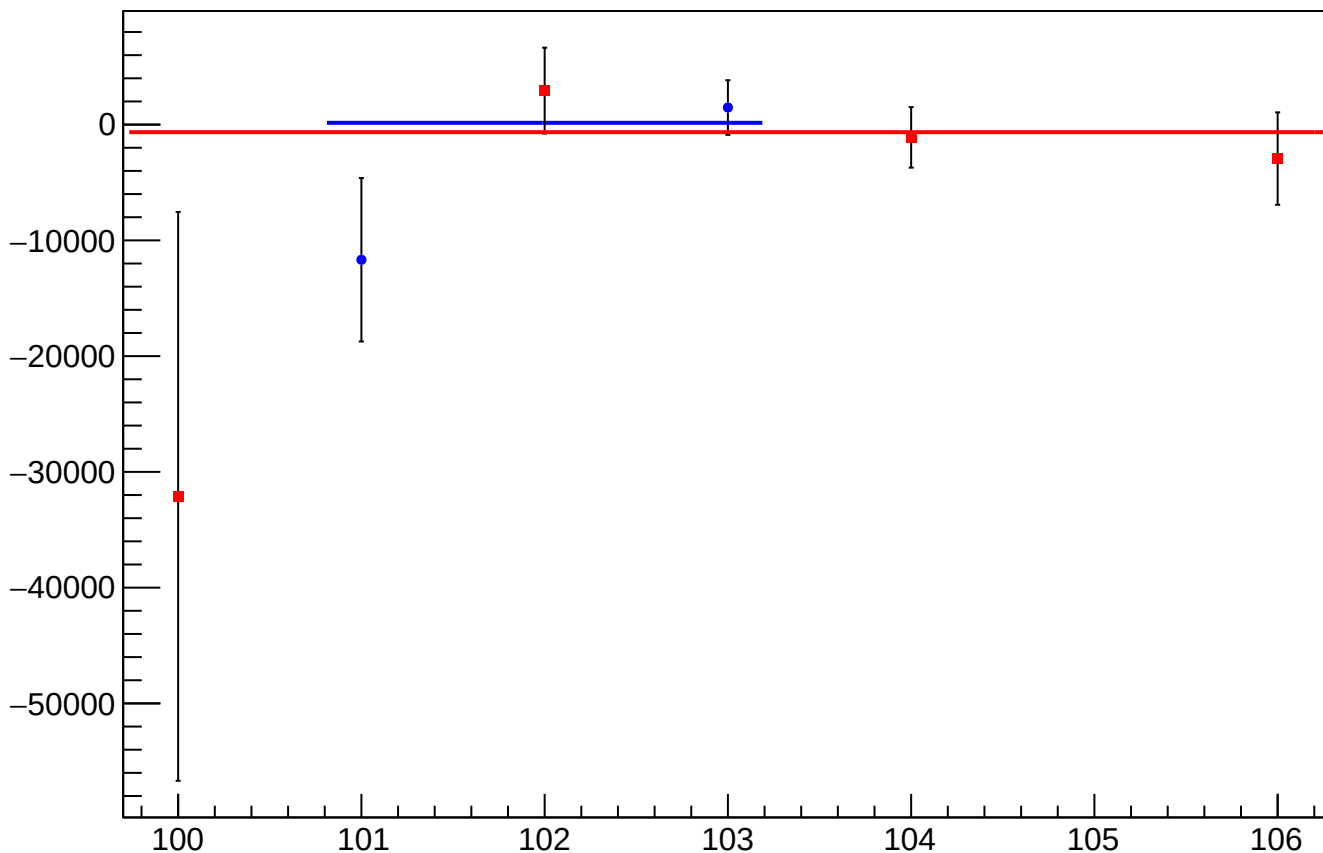
Right: 1500.448+/-0.716 χ^2/NDF : 441205.4/5

In: 1860.402+/-1.235 χ^2/NDF : 106631.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1500.448+/-0.716 χ^2/NDF : 441205.4/5

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 154.839+/-2236.921 χ^2 /NDF: 3.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -654.204+/-1878.144 χ^2 /NDF: 2.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

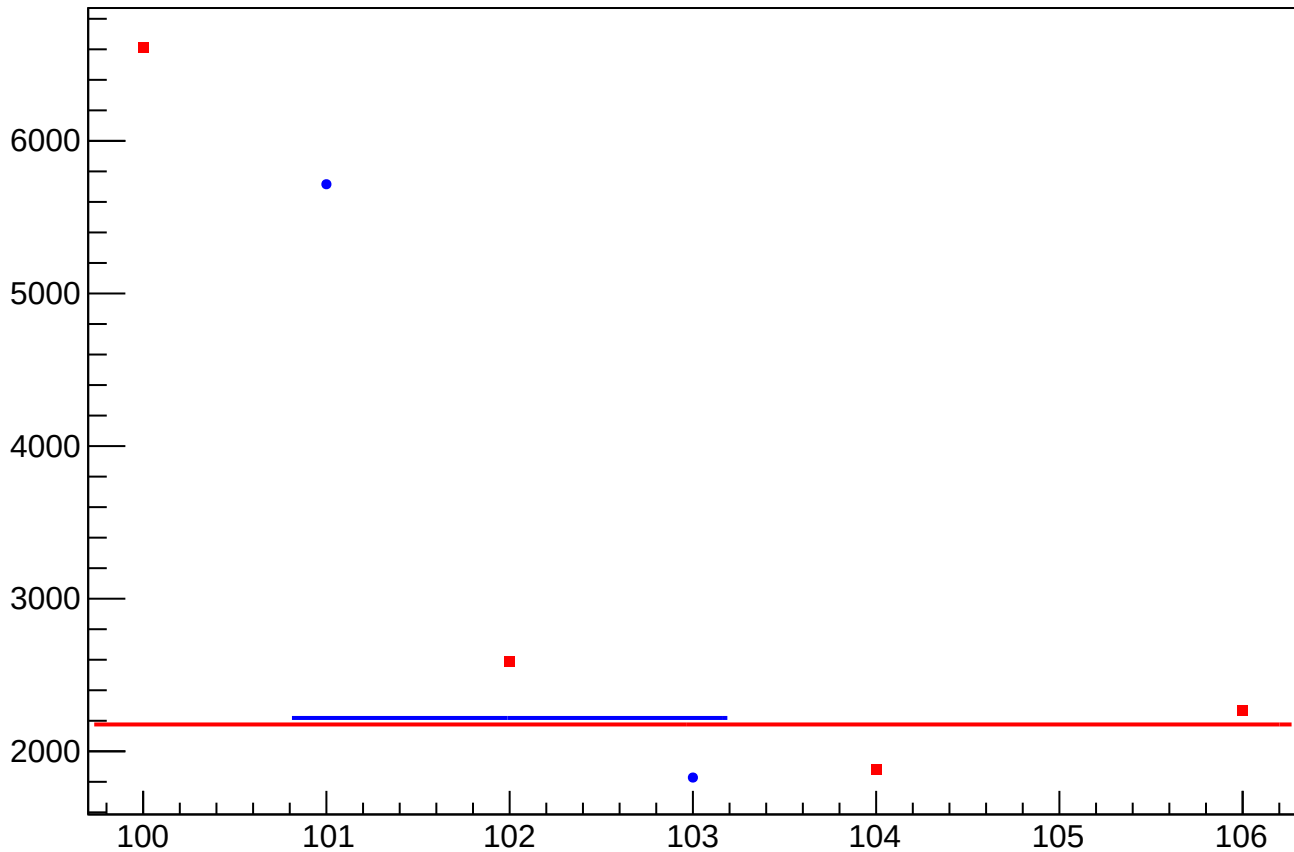
Right: -319.687+/-1438.379 χ^2 /NDF: 6.1/5

In: 154.839+/-2236.921 χ^2 /NDF:3.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -319.687+/-1438.379 χ^2 /NDF: 6.1/5

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.501 $\pm$ 1.582 χ^2 /NDF: 545817.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2175.873 $\pm$ 1.328 χ^2 /NDF: 117176.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

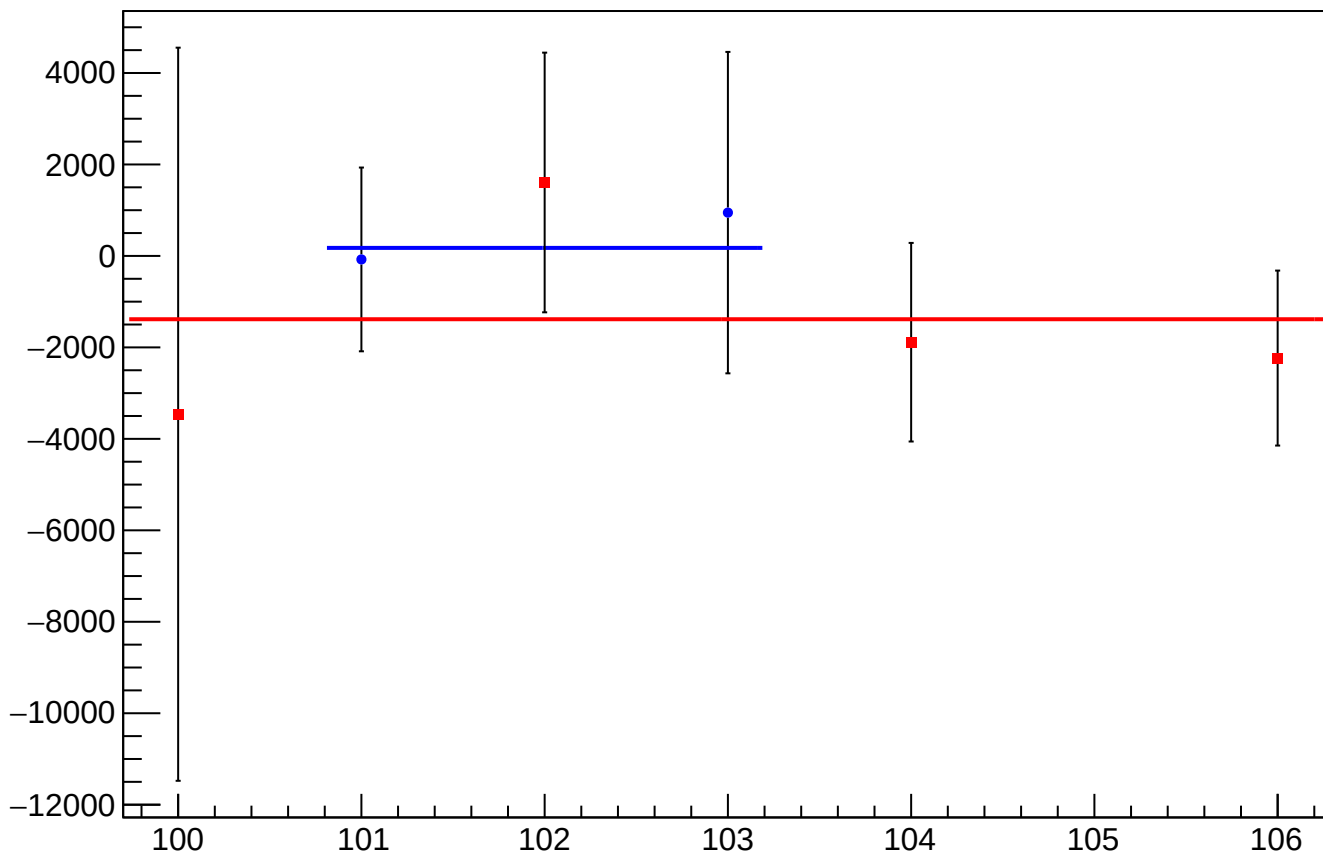
Right: 2193.498 $\pm$ 1.017 χ^2 /NDF: 663419.4/5

In: 2218.501 $\pm$ 1.582 χ^2 /NDF: 545817.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2193.498 $\pm$ 1.017 χ^2 /NDF: 663419.4/5

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1384.330+/-1264.913 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

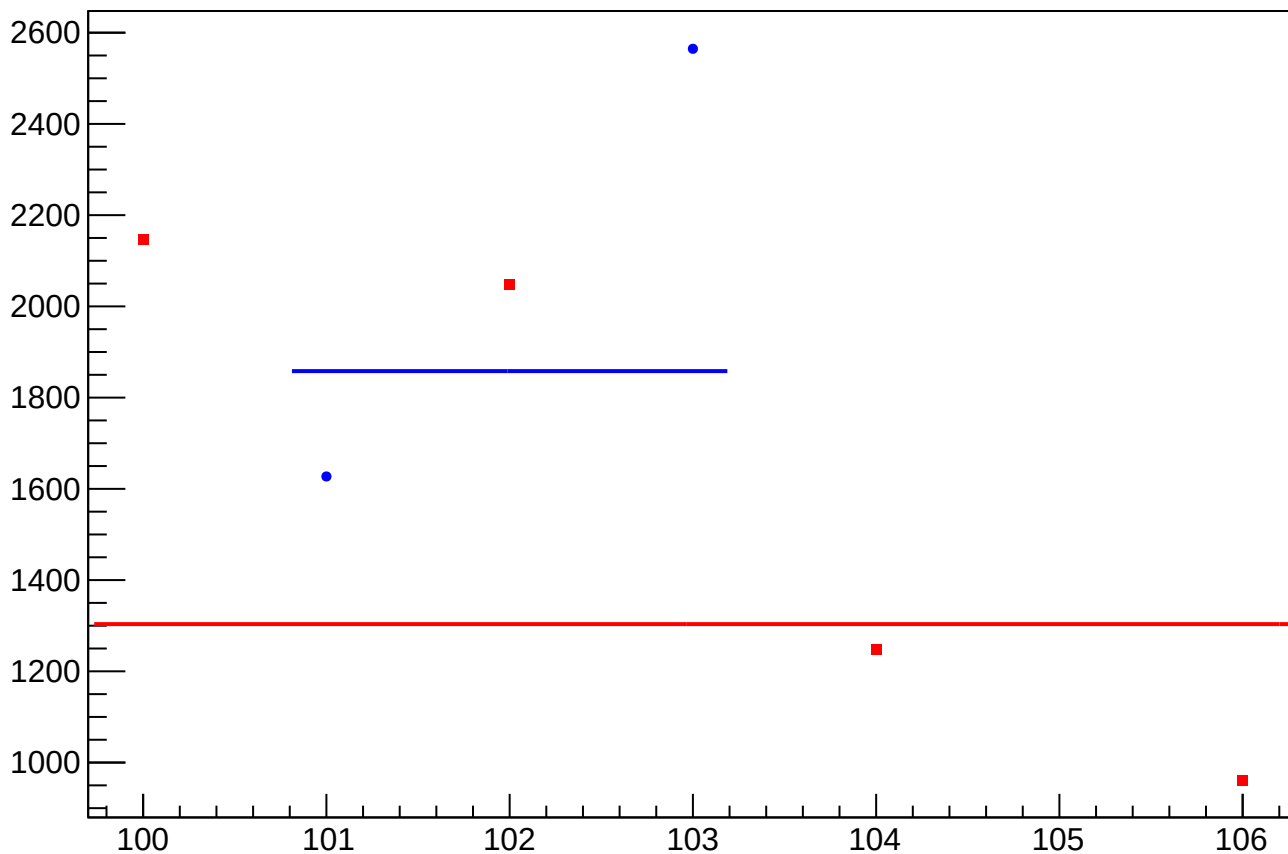
Right: -846.658+/-1023.982 χ^2/NDF : 2.0/5

In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.658+/-1023.982 χ^2/NDF : 2.0/5

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.471+/-0.894 χ^2/NDF : 224584.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

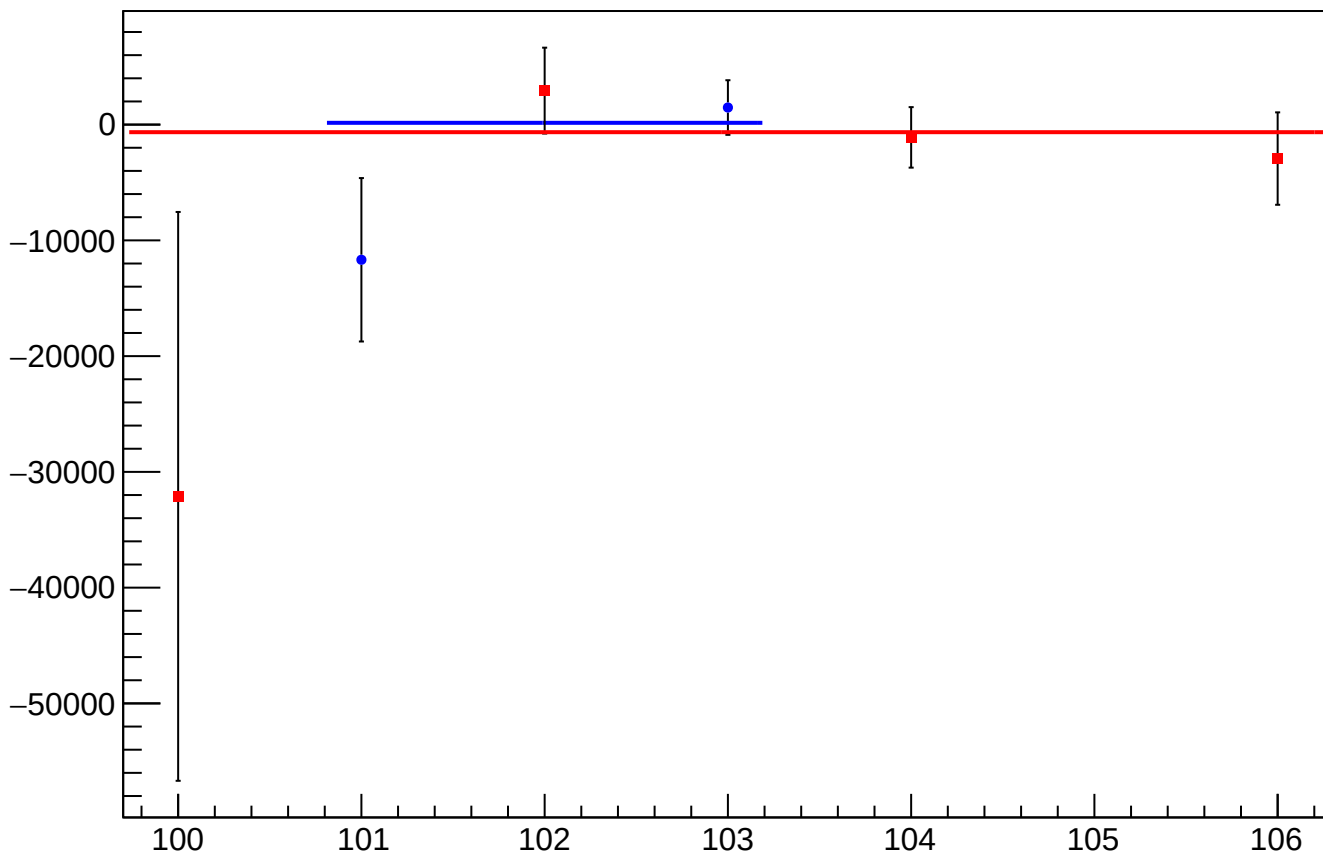
Right: 1494.636+/-0.724 χ^2/NDF : 464392.5/5

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.636+/-0.724 χ^2/NDF : 464392.5/5

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 154.839+/-2236.921 χ^2 /NDF: 3.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -654.204+/-1878.144 χ^2 /NDF: 2.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

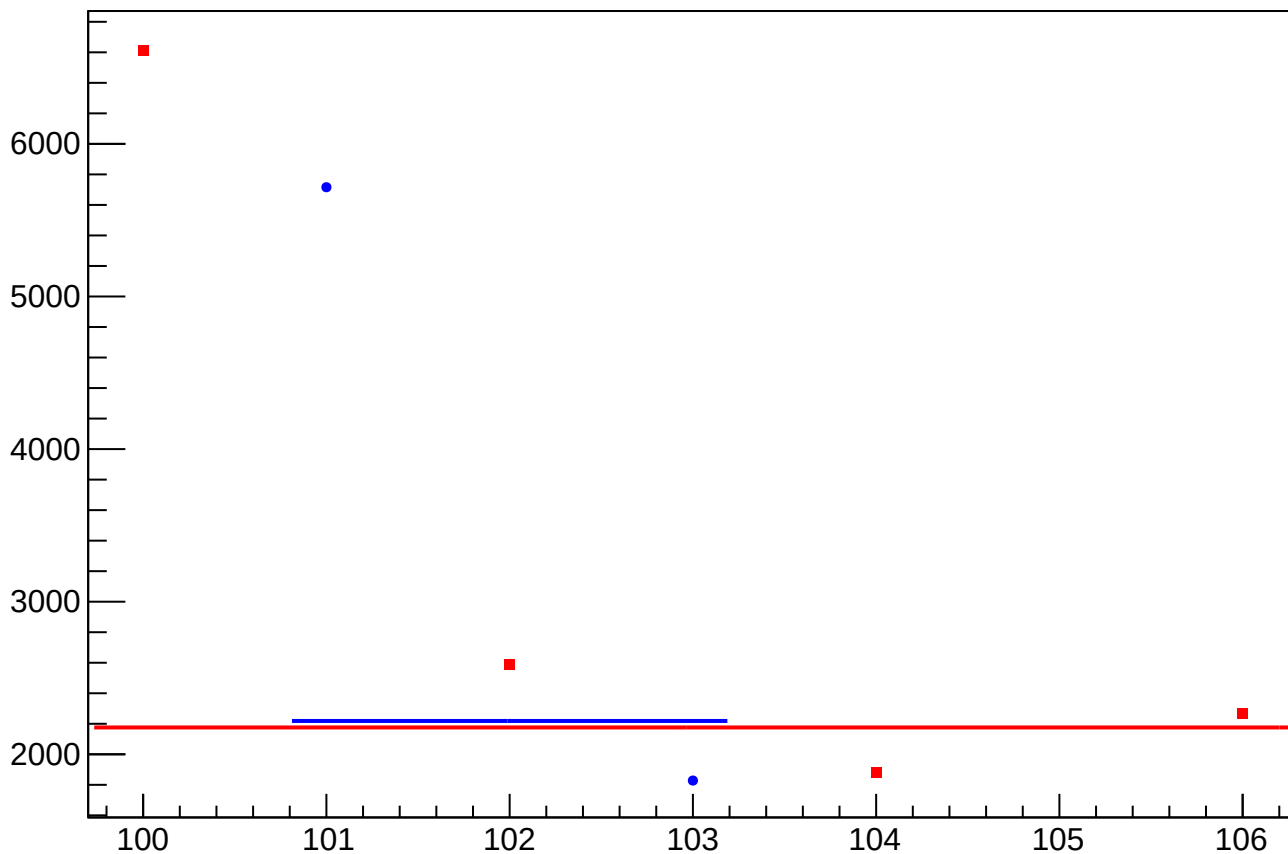
Right: -319.687+/-1438.379 χ^2 /NDF: 6.1/5

In: 154.839+/-2236.921 χ^2 /NDF:3.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -319.687+/-1438.379 χ^2 /NDF: 6.1/5

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.873+/-1.328 χ^2/NDF : 117176.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

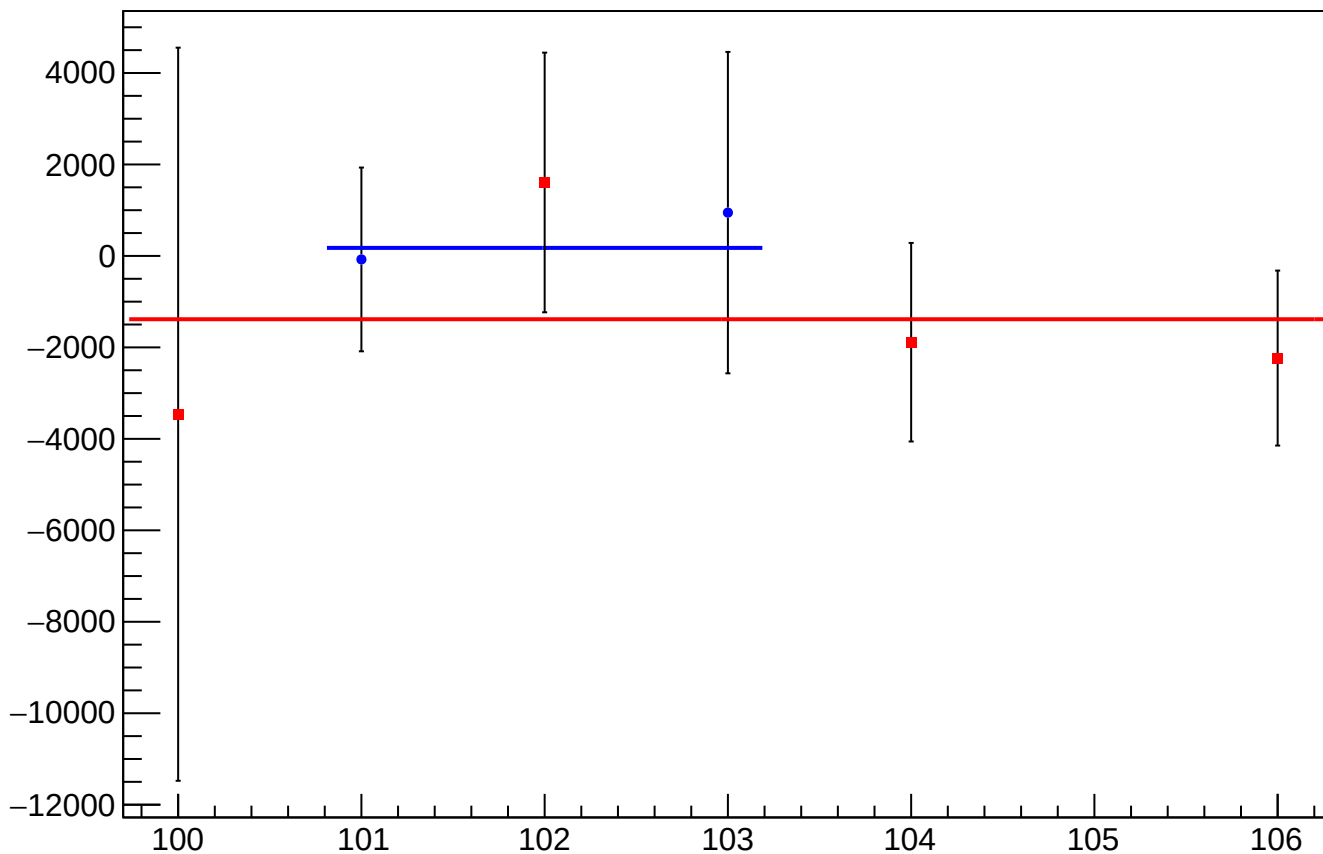
Right: 2193.498+/-1.017 χ^2/NDF : 663419.4/5

In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.498+/-1.017 χ^2/NDF : 663419.4/5

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1384.330+/-1264.913 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

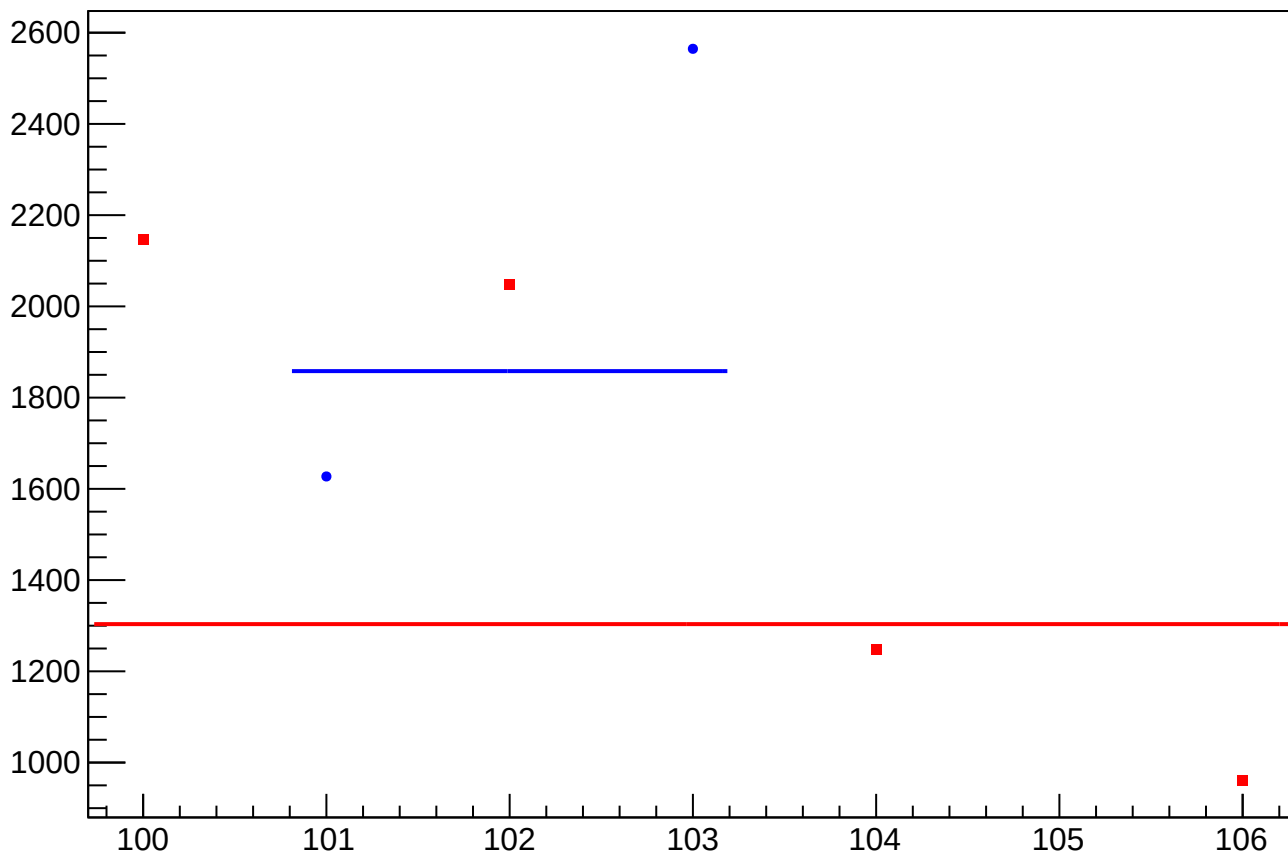
Right: -846.658+/-1023.982 χ^2/NDF : 2.0/5

In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.658+/-1023.982 χ^2/NDF : 2.0/5

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1303.471+/-0.894 χ^2/NDF : 224584.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

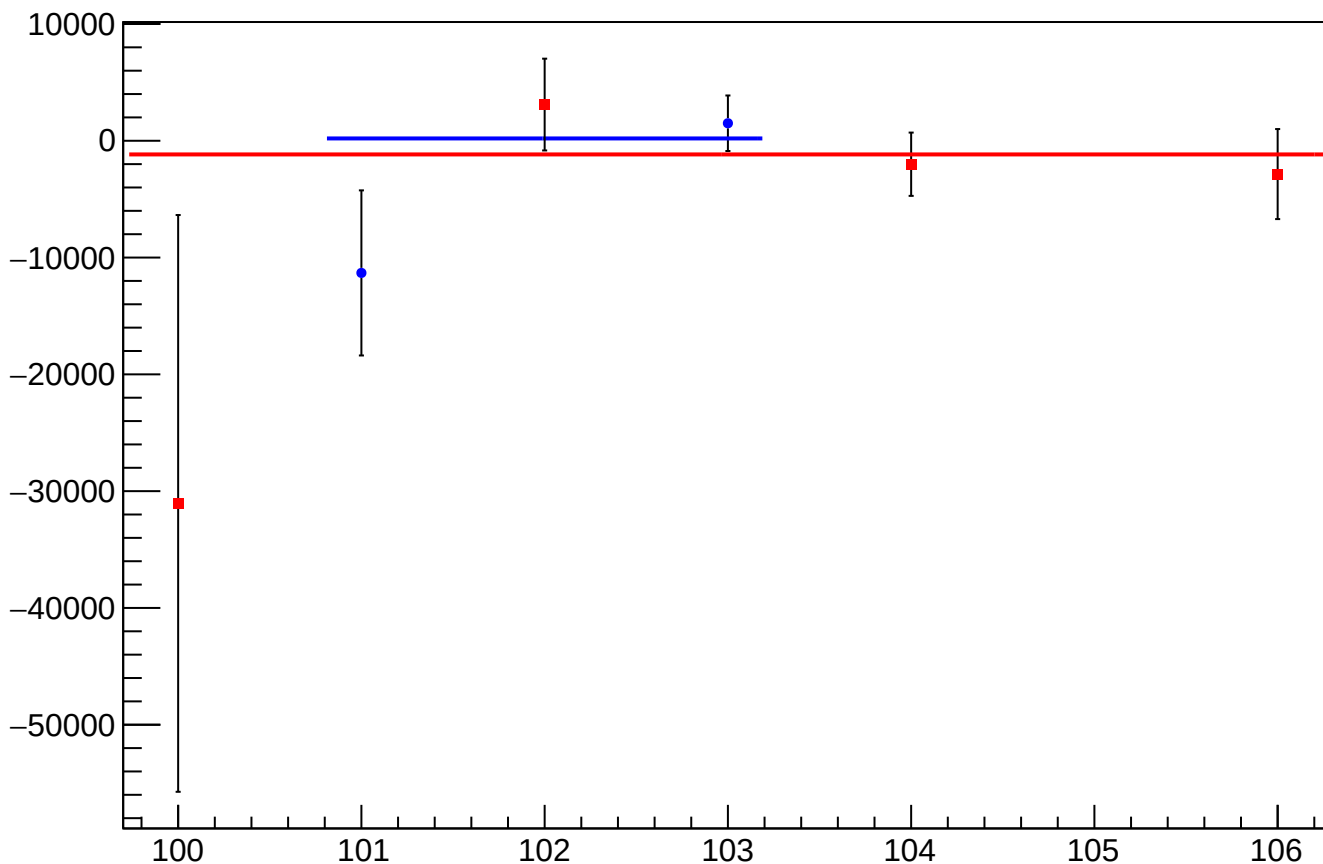
Right: 1494.636+/-0.724 χ^2/NDF : 464392.5/5

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.636+/-0.724 χ^2/NDF : 464392.5/5

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 198.911+/-2252.654 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1169.465+/-1924.659 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

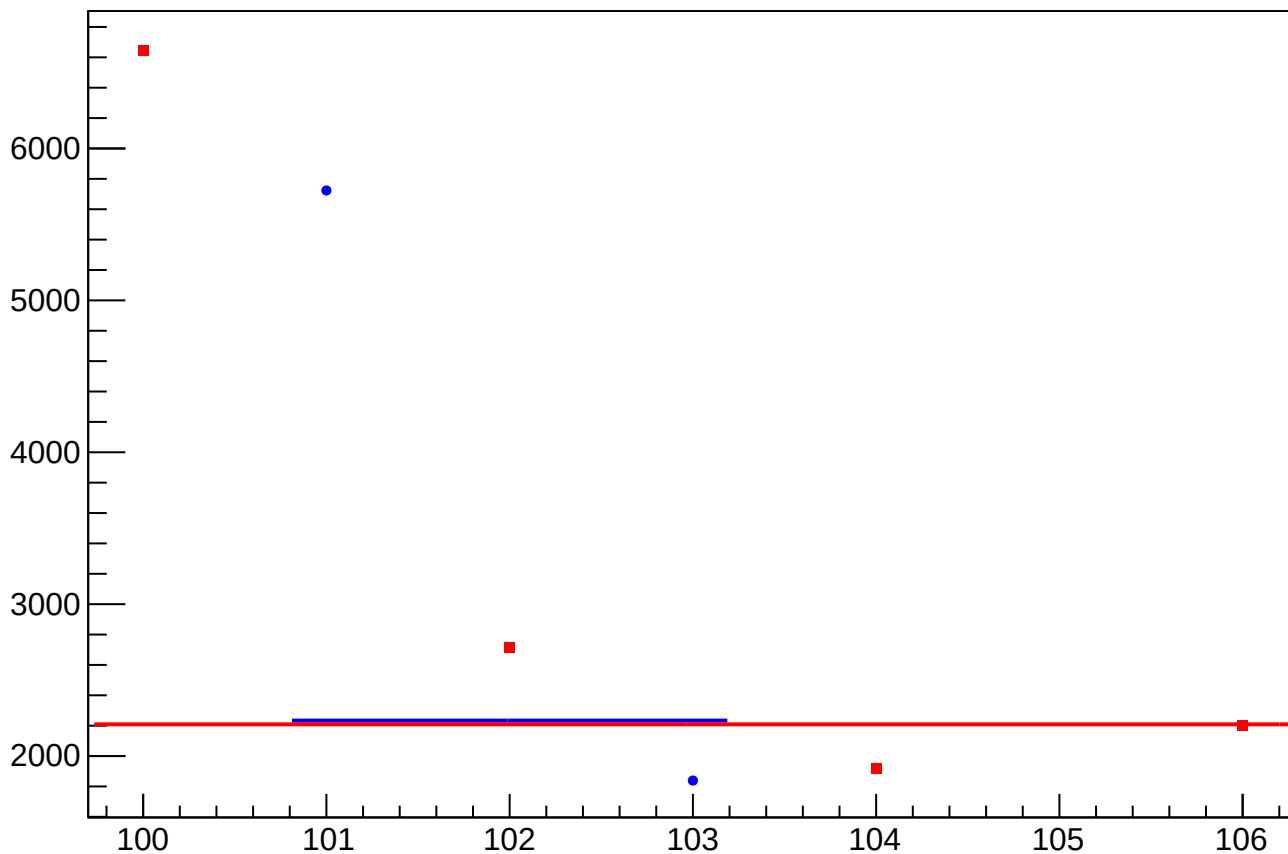
Right: -592.061+/-1463.294 χ^2/NDF : 6.1/5

In: 198.911+/-2252.654 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.061+/-1463.294 χ^2/NDF : 6.1/5

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2233.451+/-1.593 χ^2/NDF : 542769.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.776+/-1.361 χ^2/NDF : 120114.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

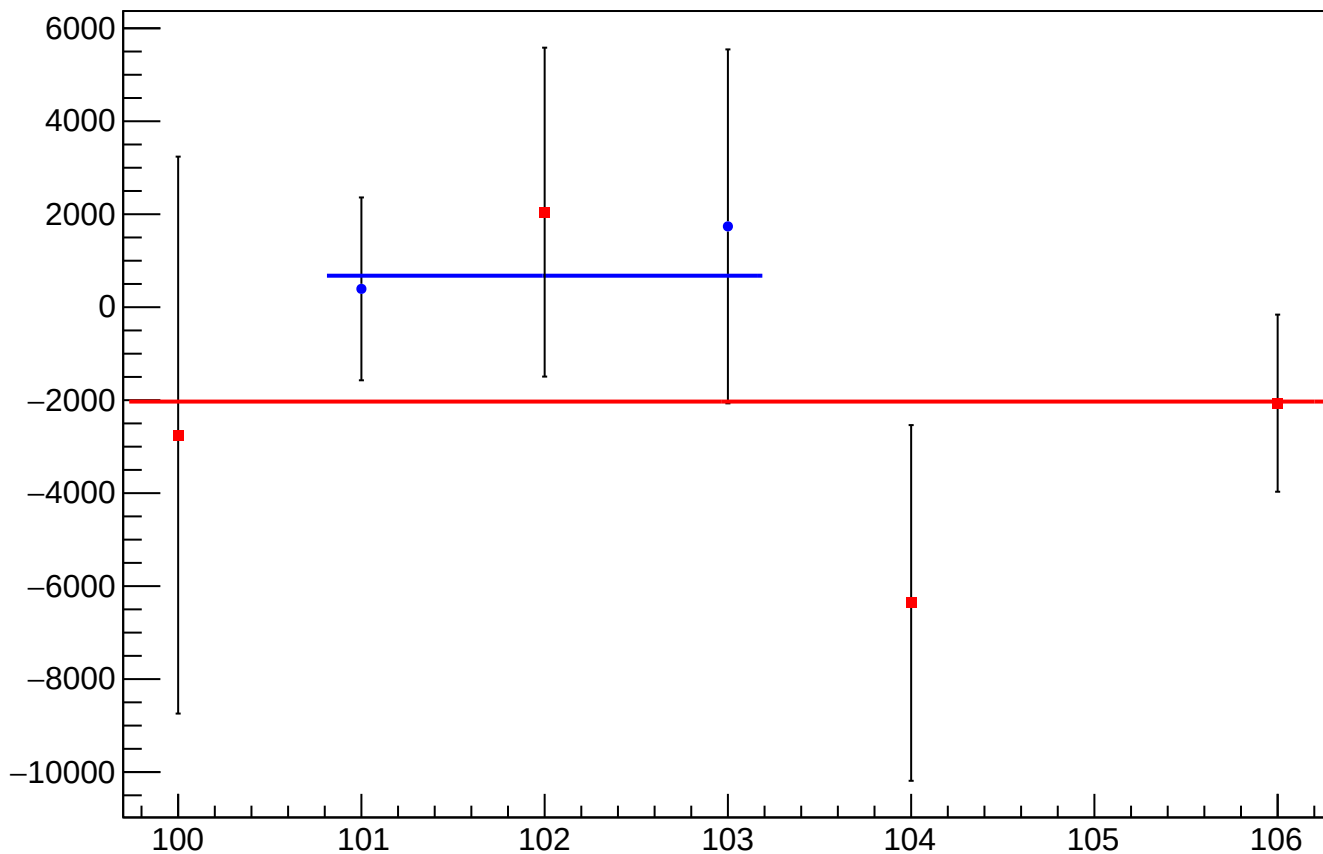
Right: 2219.188+/-1.035 χ^2/NDF : 663023.2/5

In: 2233.451+/-1.593 χ^2/NDF : 542769.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.188+/-1.035 χ^2/NDF : 663023.2/5

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 677.495+/-1747.290 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2029.955+/-1487.996 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

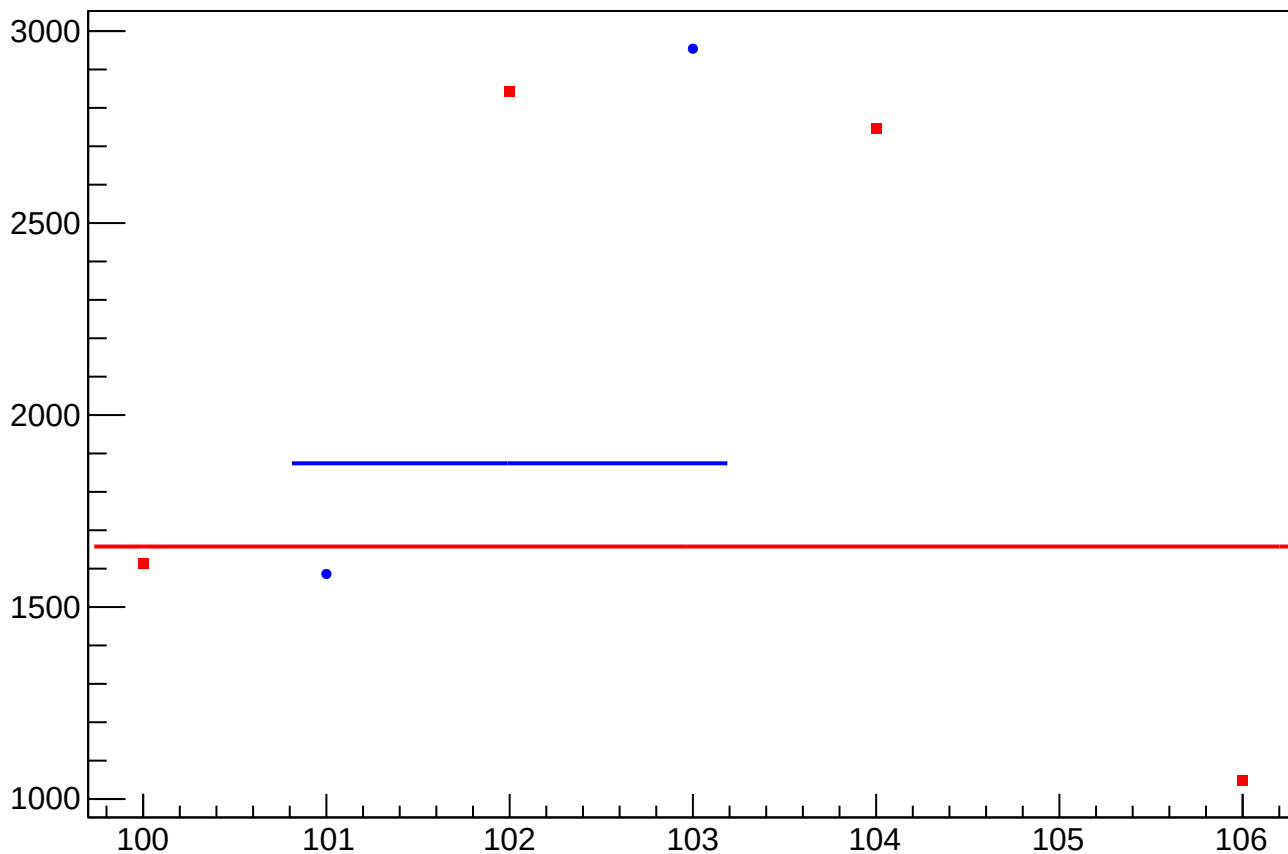
Right: -891.836+/-1132.867 χ^2/NDF : 4.1/5

In: 677.495+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -891.836+/-1132.867 χ^2/NDF : 4.1/5

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1874.354 ± 1.236 χ^2/NDF : 203830.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1657.610 ± 1.052 χ^2/NDF : 590498.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

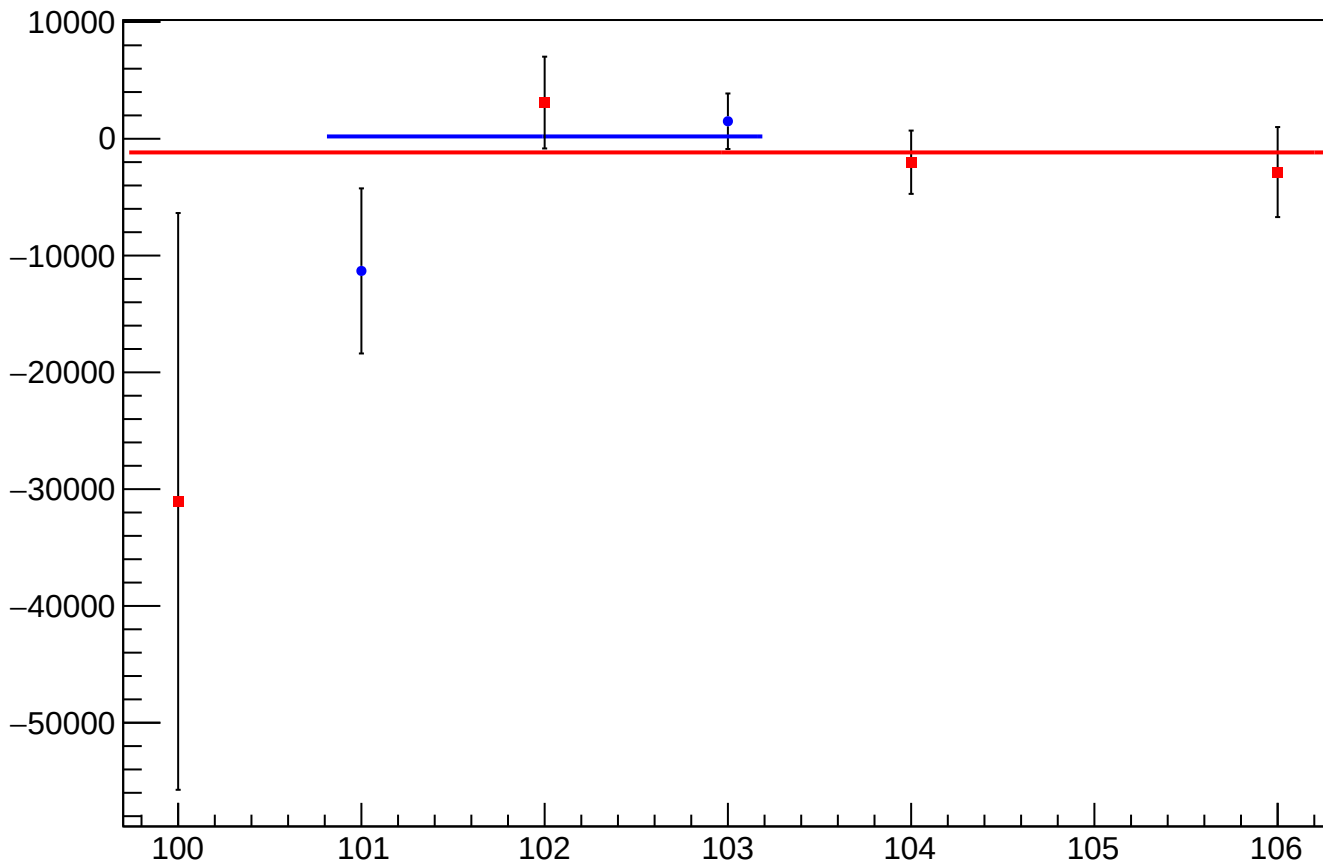
Right: 1748.722 ± 0.801 χ^2/NDF : 812166.1/5

In: 1874.354 ± 1.236 χ^2/NDF : 203830.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1748.722 ± 0.801 χ^2/NDF : 812166.1/5

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 198.907+/-2252.654 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1169.467+/-1924.658 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

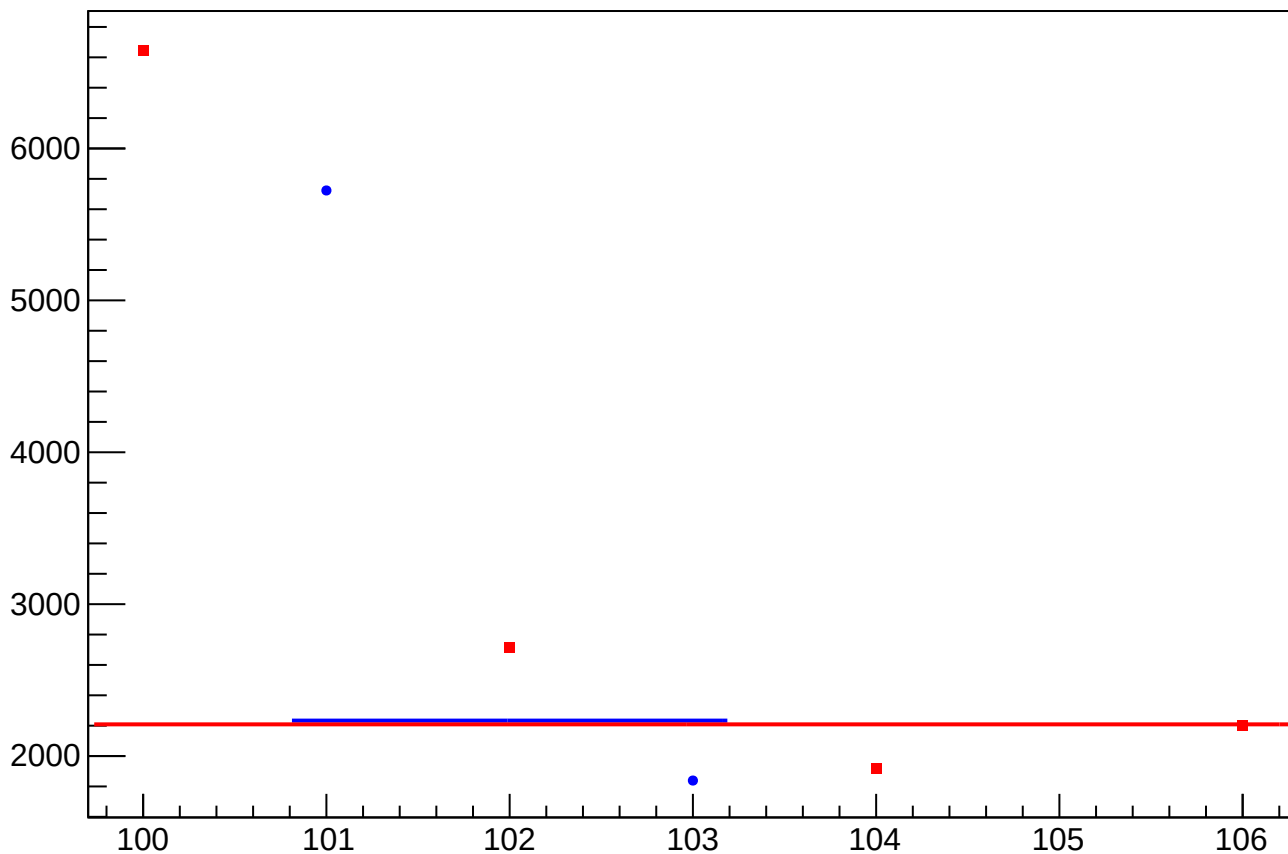
Right: -592.064+/-1463.294 χ^2/NDF : 6.1/5

In: 198.907+/-2252.654 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.064+/-1463.294 χ^2/NDF : 6.1/5

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2233.450+/-1.593 χ^2/NDF : 542770.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.775+/-1.361 χ^2/NDF : 120114.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

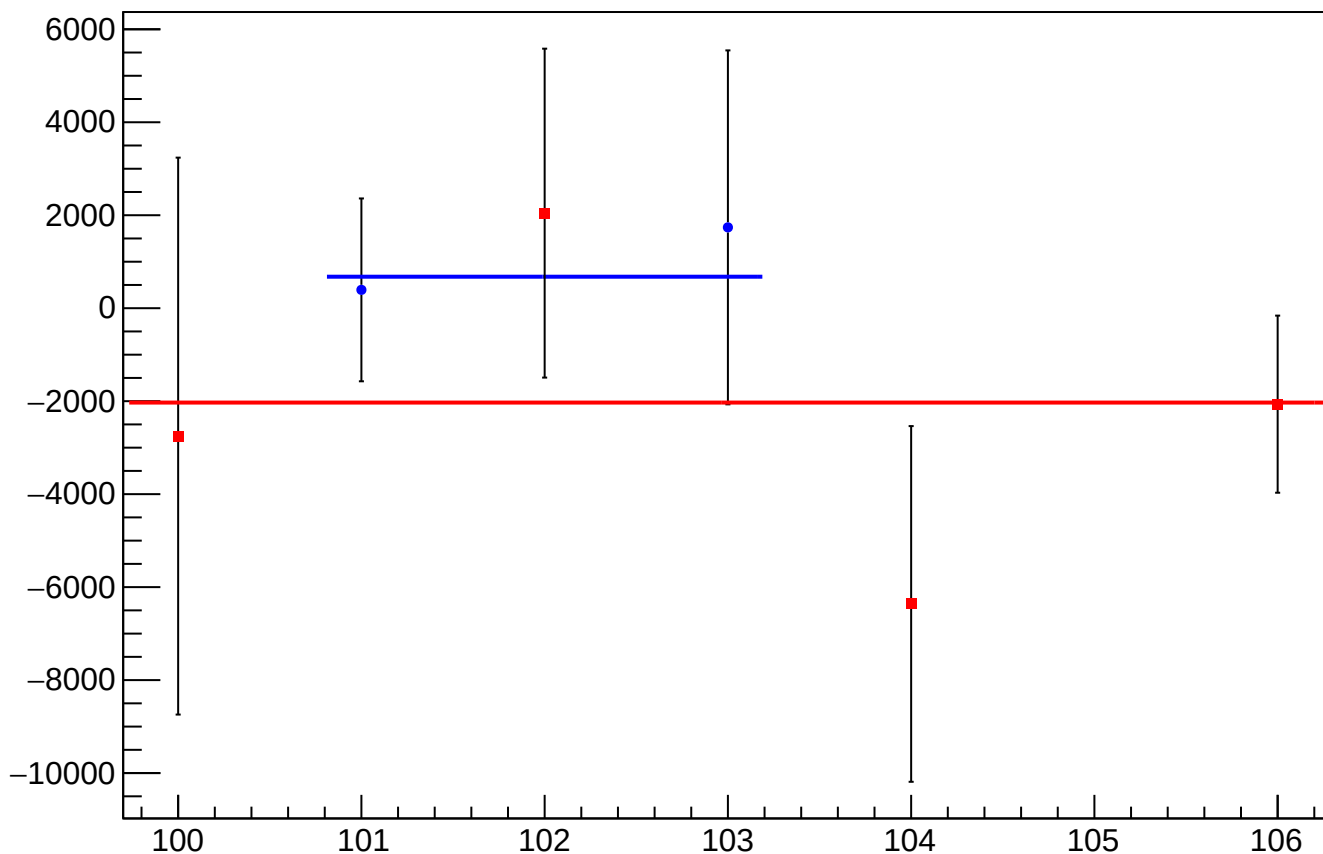
Right: 2219.187+/-1.035 χ^2/NDF : 663023.3/5

In: 2233.450+/-1.593 χ^2/NDF : 542770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.187+/-1.035 χ^2/NDF : 663023.3/5

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 677.489+/-1747.290 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2029.949+/-1487.995 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

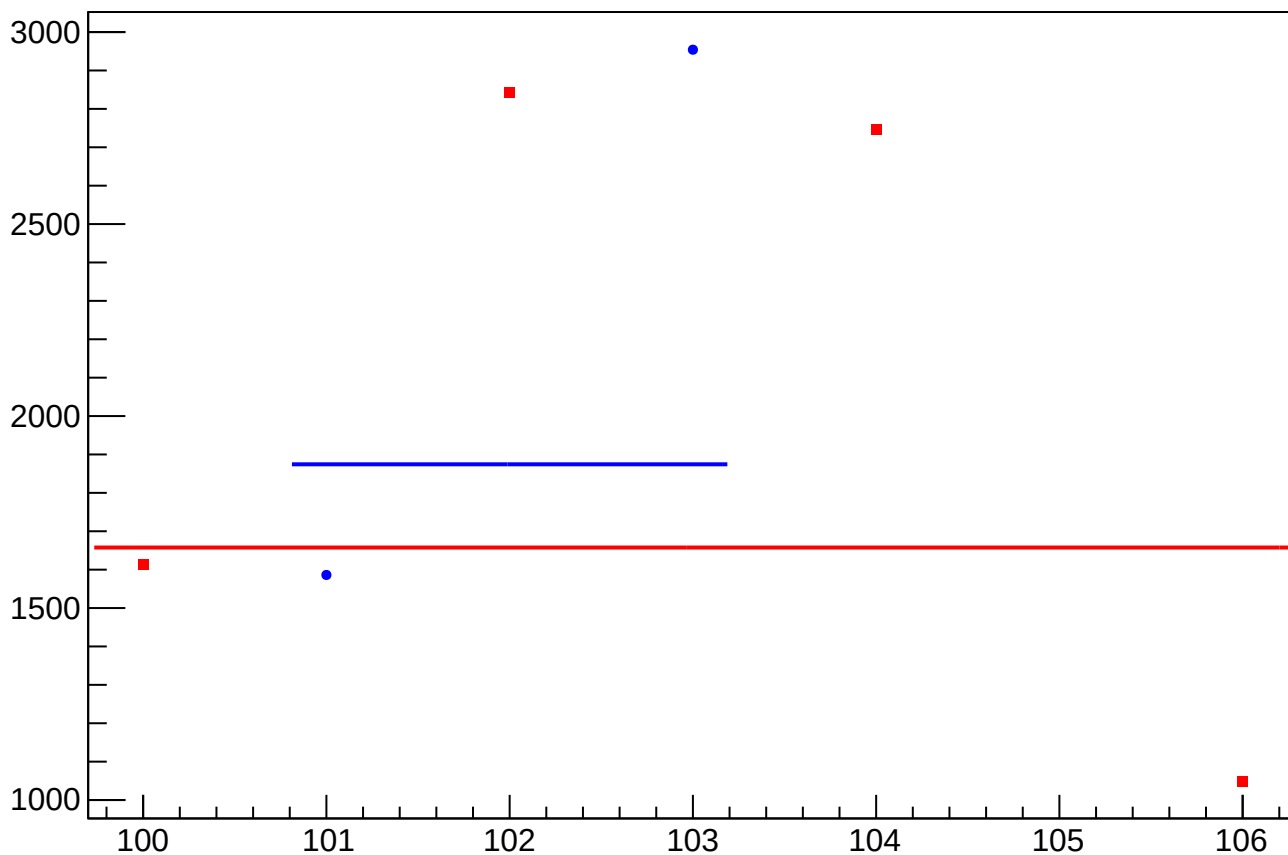
Right: -891.835+/-1132.866 χ^2/NDF : 4.1/5

In: 677.489+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -891.835+/-1132.866 χ^2/NDF : 4.1/5

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1874.353+/-1.236 χ^2/NDF : 203831.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.607+/-1.052 χ^2/NDF : 590501.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

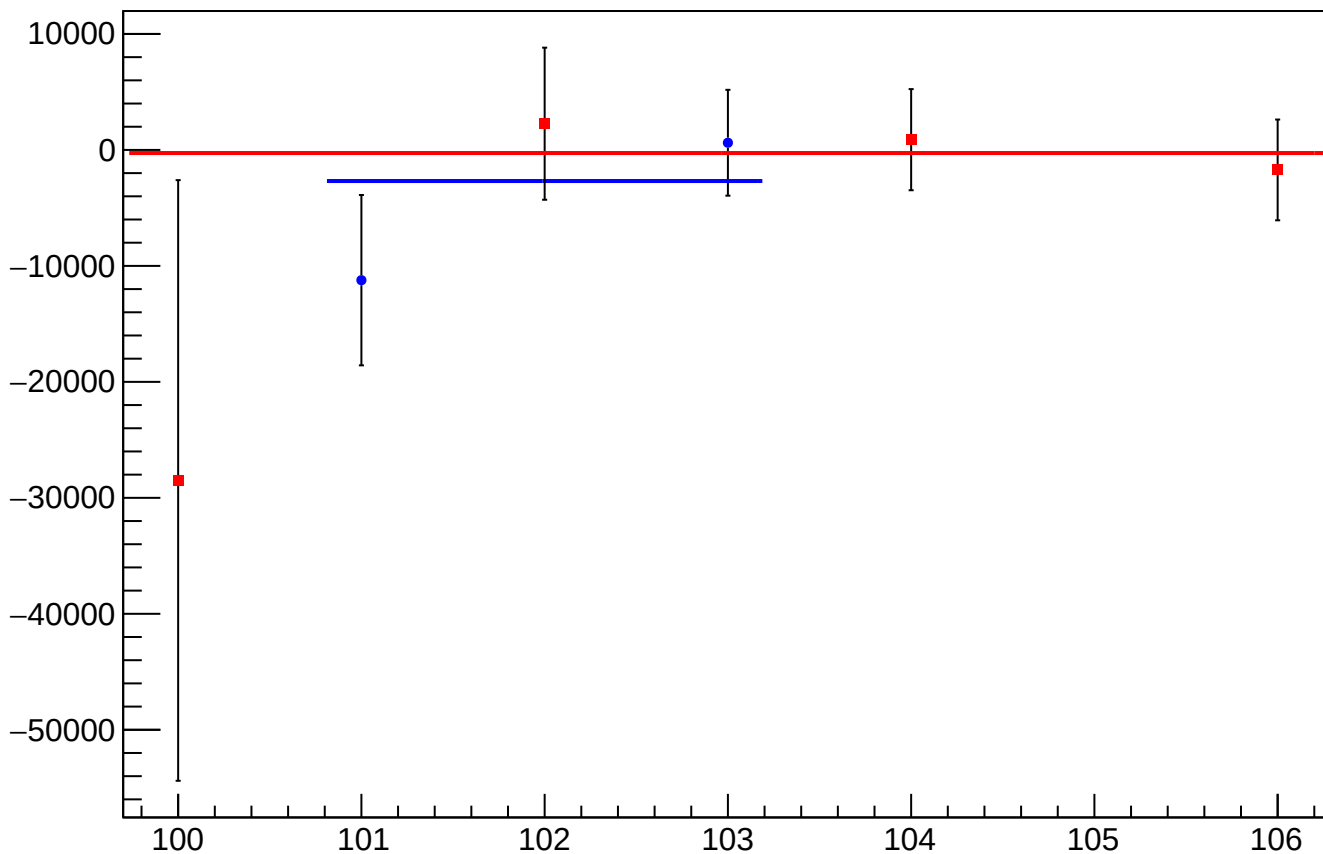
Right: 1748.720+/-0.801 χ^2/NDF : 812171.3/5

In: 1874.353+/-1.236 χ^2/NDF : 203831.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1748.720+/-0.801 χ^2/NDF : 812171.3/5

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -2681.302+/-3876.341 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -266.631+/-2770.071 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

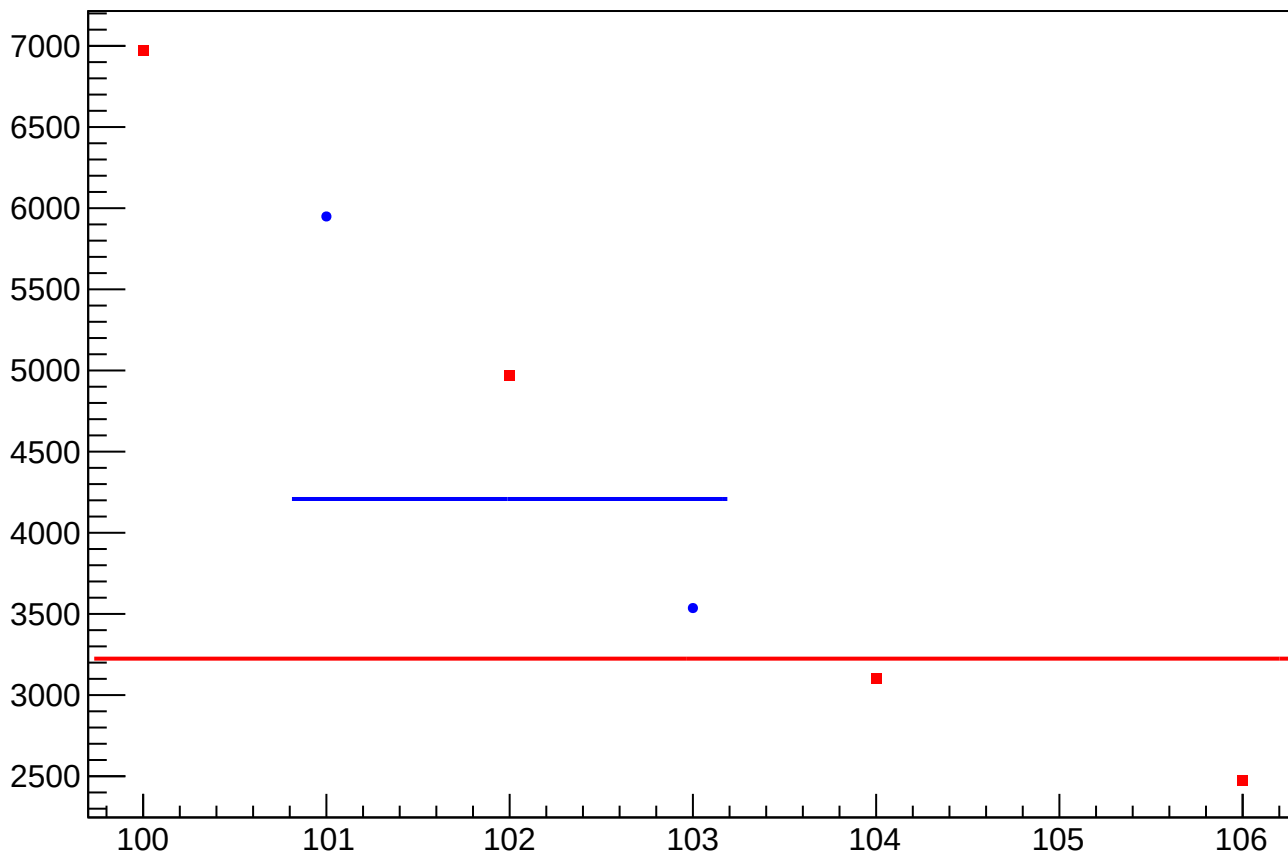
Right: -1082.888+/-2253.754 χ^2/NDF : 3.7/5

In: -2681.302+/-3876.341 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1082.888+/-2253.754 χ^2/NDF : 3.7/5

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 4208.197+/-2.741 χ^2/NDF : 155690.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3224.501+/-1.959 χ^2/NDF : 244477.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

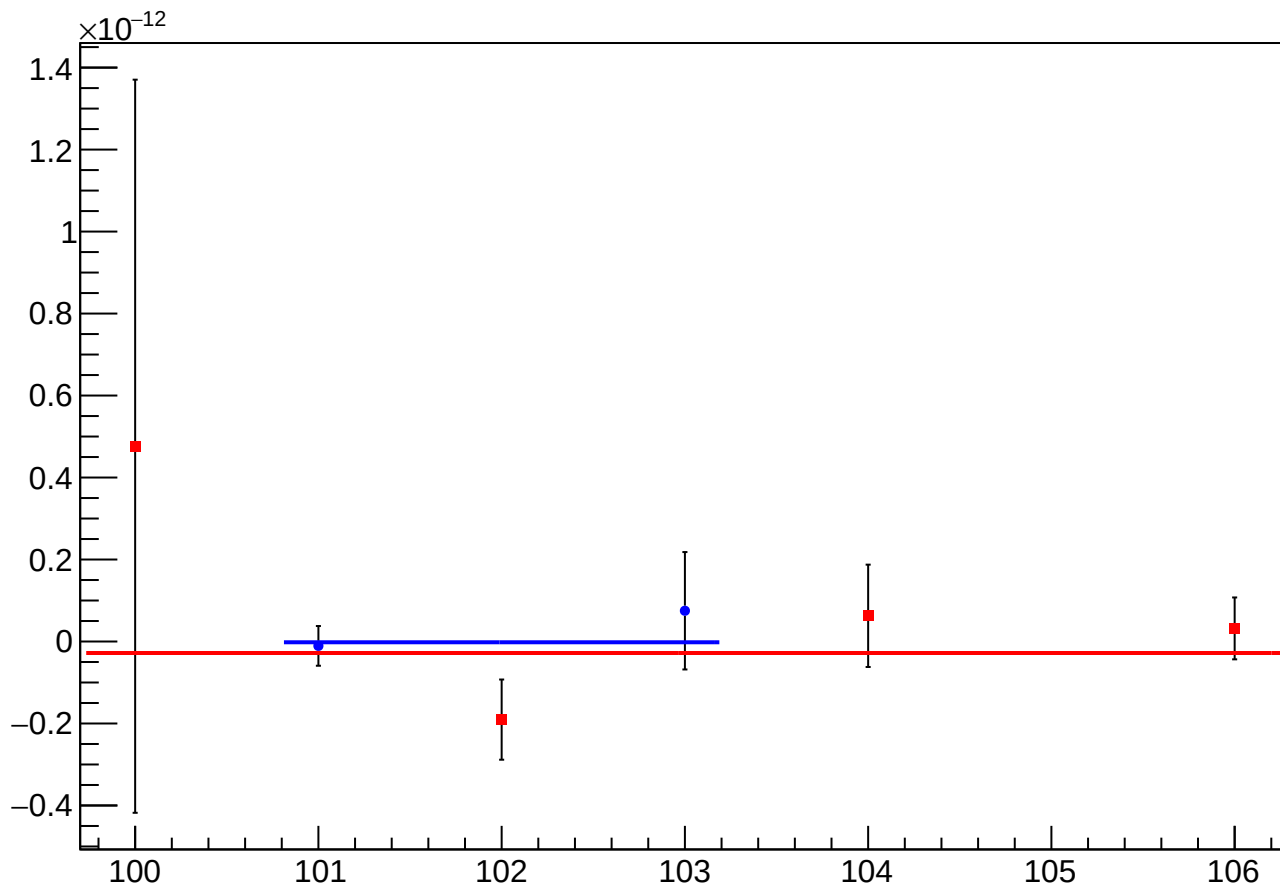
Right: 3557.014+/-1.594 χ^2/NDF : 485429.0/5

In: 4208.197+/-2.741 χ^2/NDF : 155690.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3557.014+/-1.594 χ^2/NDF : 485429.0/5

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

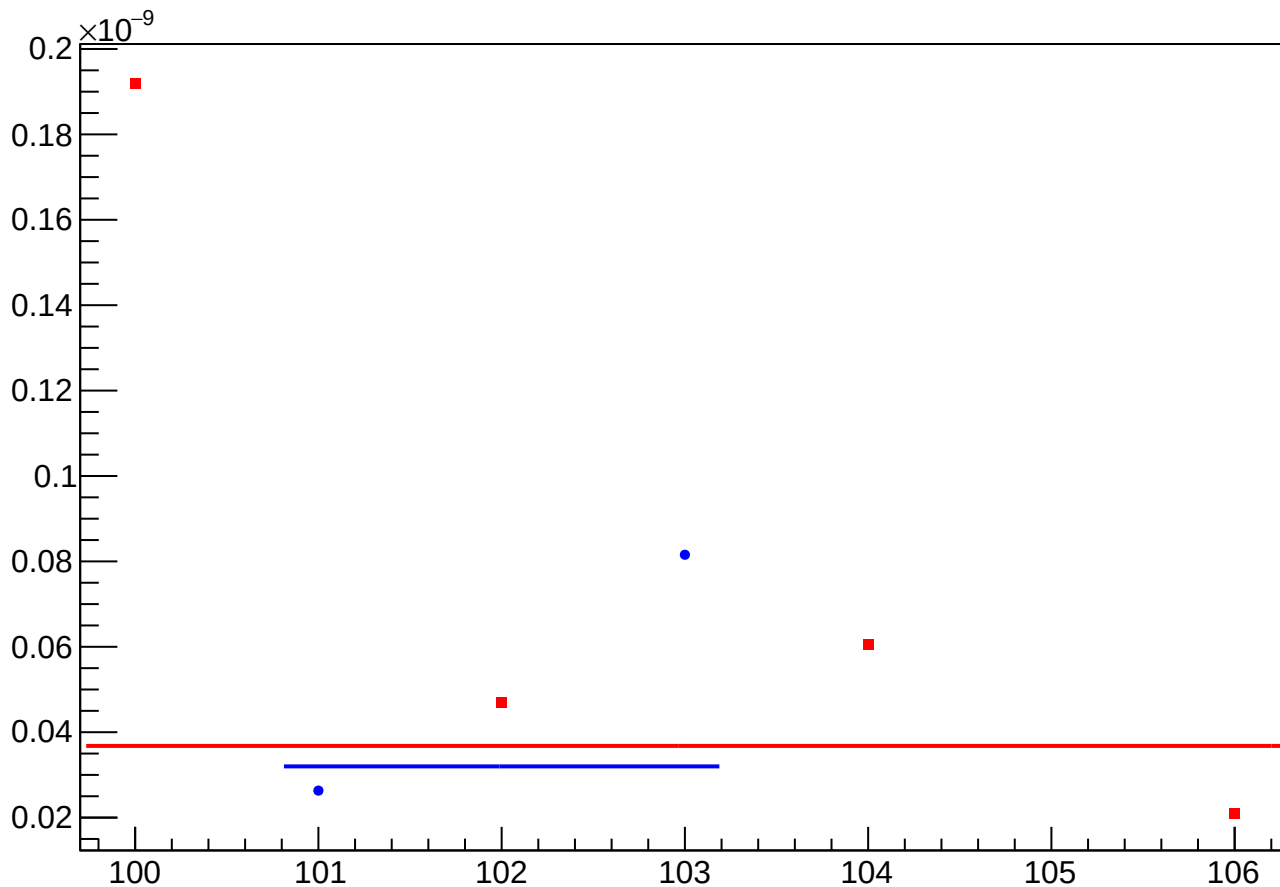
Right: -0.000+/-0.000 χ^2 /NDF: 4.7/5

In: -0.000+/-0.000 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 4.7/5

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 266962.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 242208.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

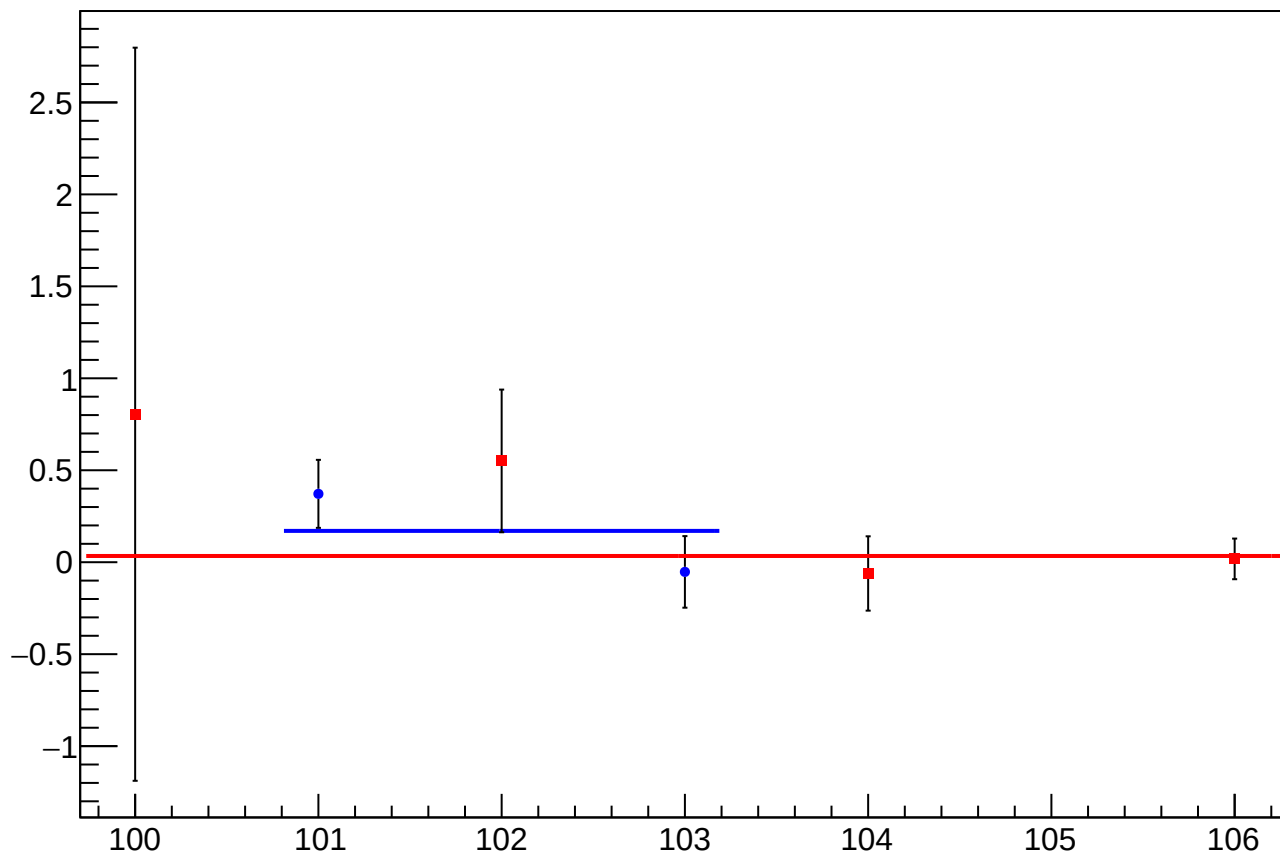
Right: 0.000+/-0.000 χ^2/NDF : 518368.8/5

In: 0.000+/-0.000 χ^2/NDF : 266962.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 518368.8/5

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.094 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

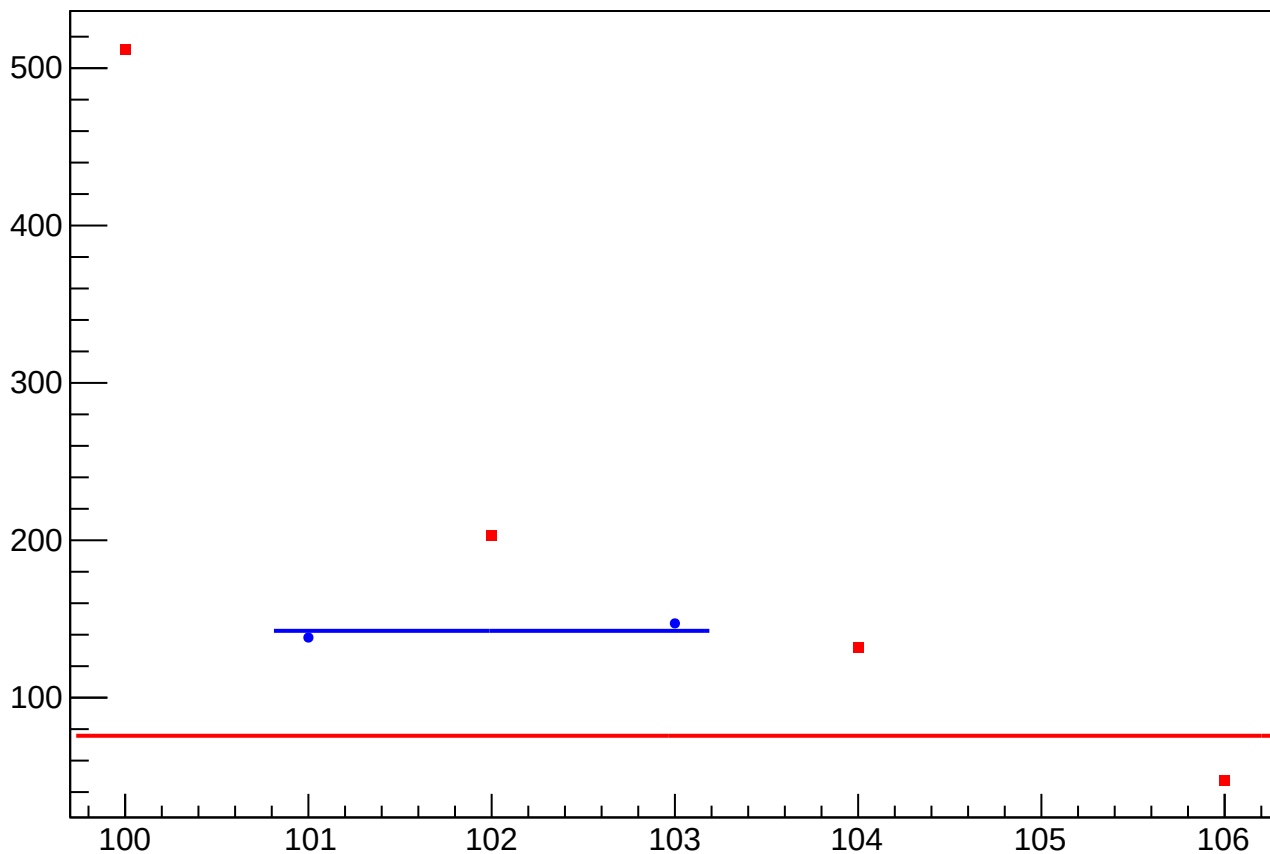
Right: 0.079+/-0.077 χ^2/NDF : 5.4/5

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.077 χ^2/NDF : 5.4/5

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.780+/-0.066 χ^2/NDF : 600741.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

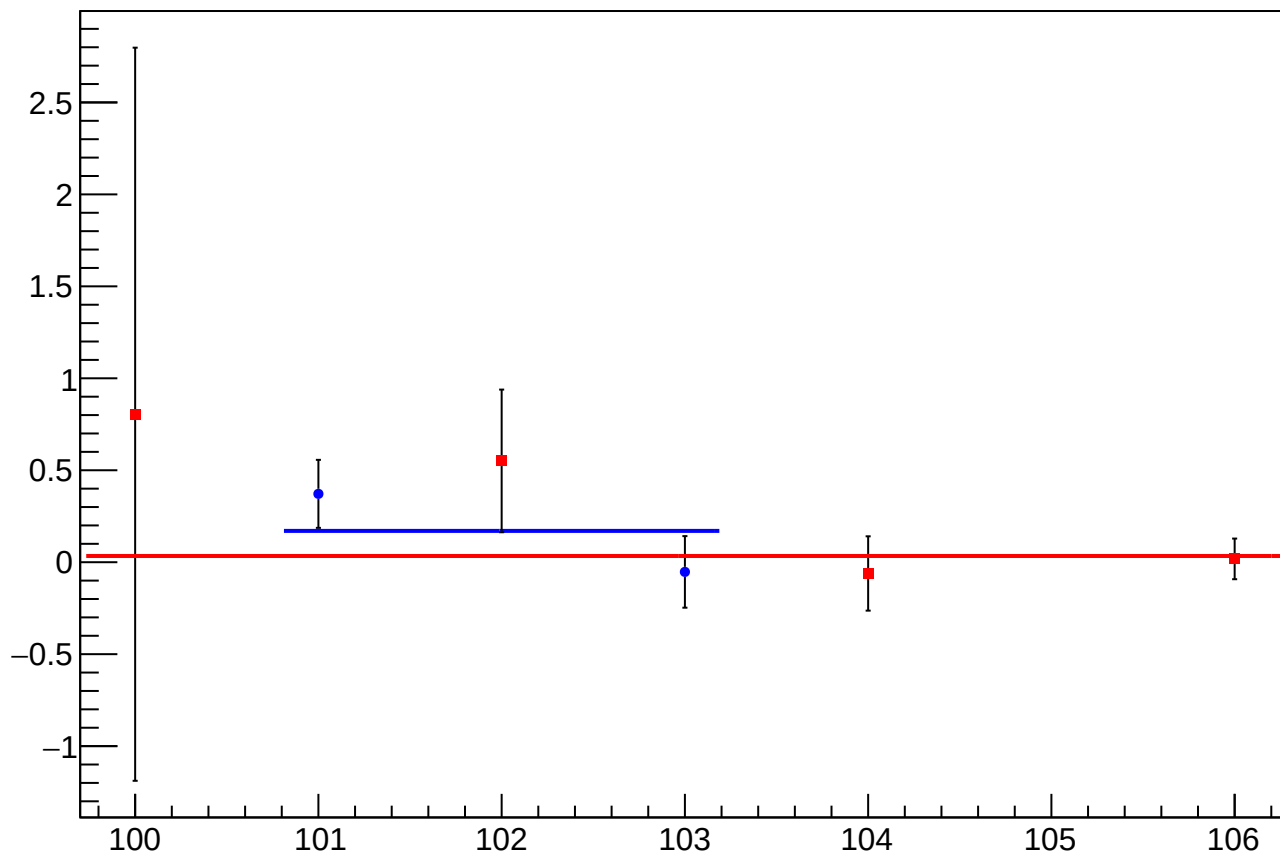
Right: 97.744+/-0.054 χ^2/NDF : 934869.3/5

In: 142.461+/-0.095 χ^2/NDF : 2255.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.744+/-0.054 χ^2/NDF : 934869.3/5

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.094 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

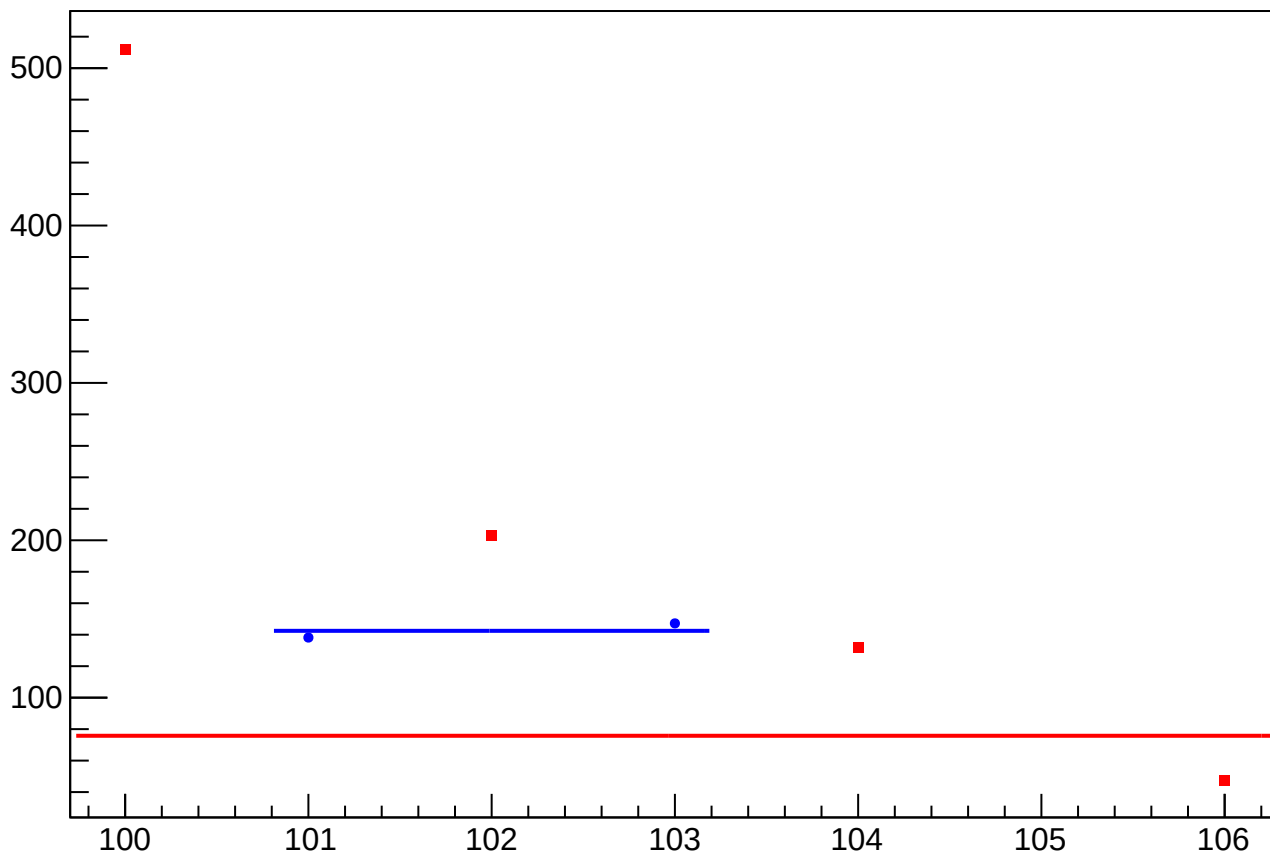
Right: 0.079+/-0.077 χ^2/NDF : 5.4/5

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.077 χ^2/NDF : 5.4/5

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.461 +/- 0.095 χ^2/NDF : 2255.3/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 75.780 +/- 0.066 χ^2/NDF : 600741.9/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

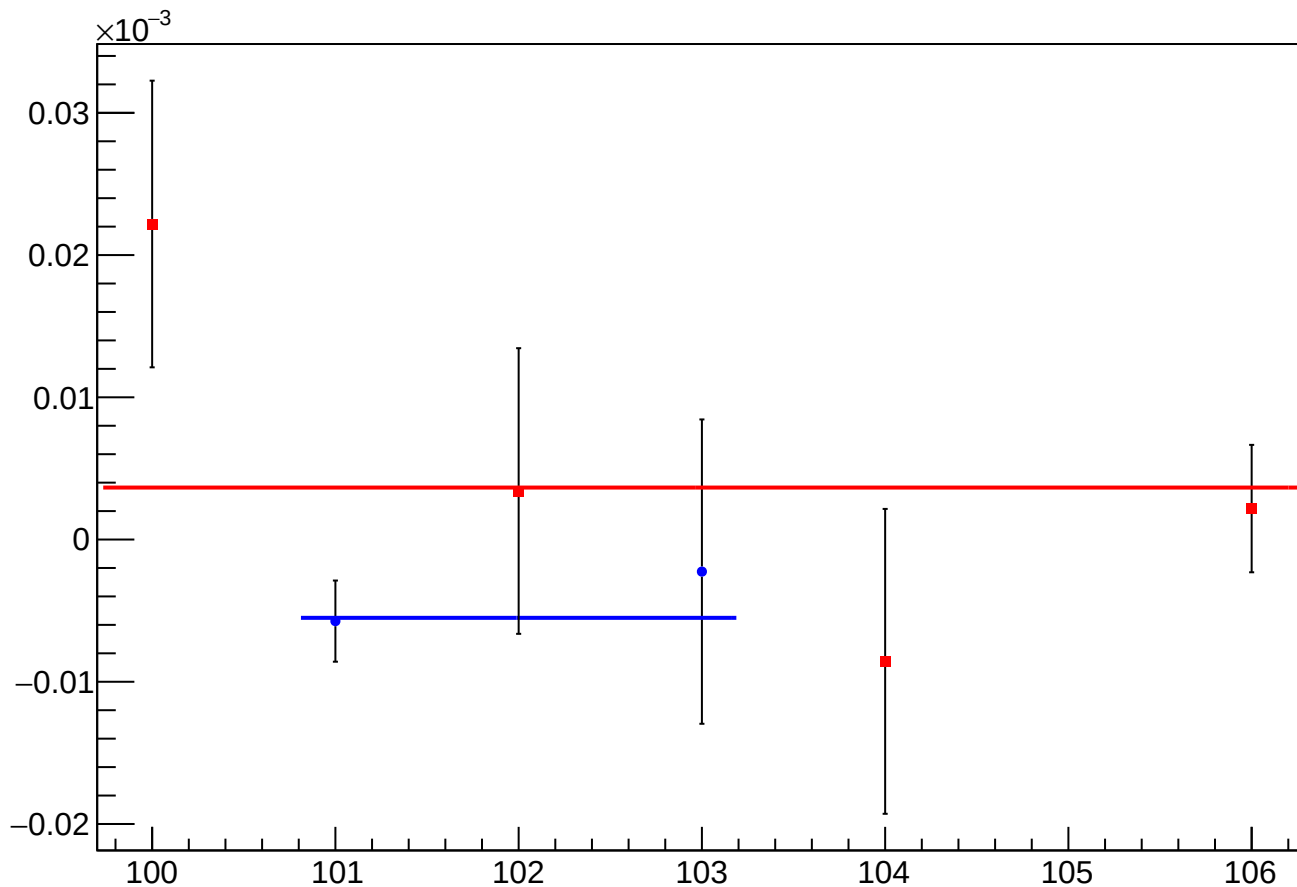
Right: 97.744 +/- 0.054 χ^2/NDF : 934869.3/5

In: 142.461 +/- 0.095 χ^2/NDF : 2255.3/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 97.744 +/- 0.054 χ^2/NDF : 934869.3/5

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

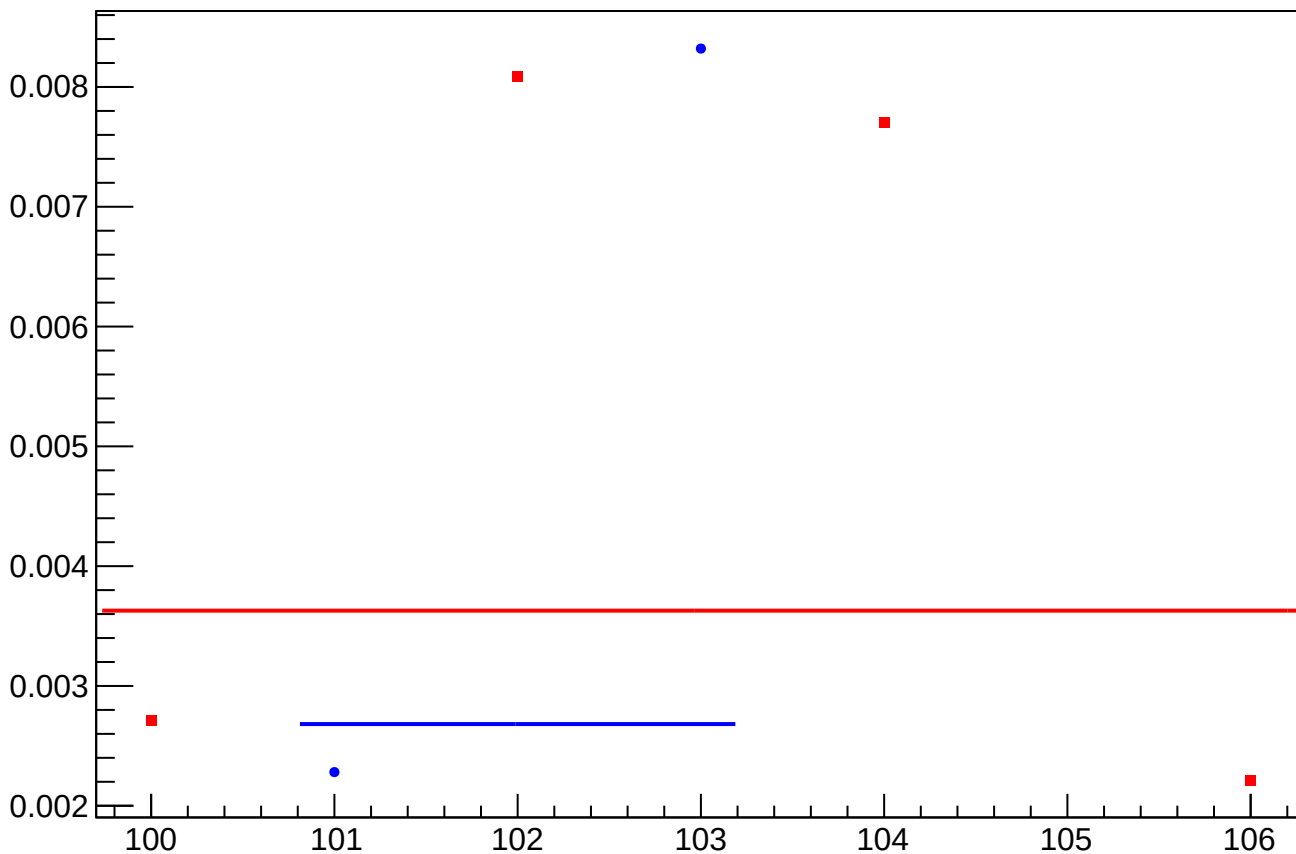
Right: -0.000+/-0.000 χ^2 /NDF: 9.0/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.0/5

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 594975.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 899803.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

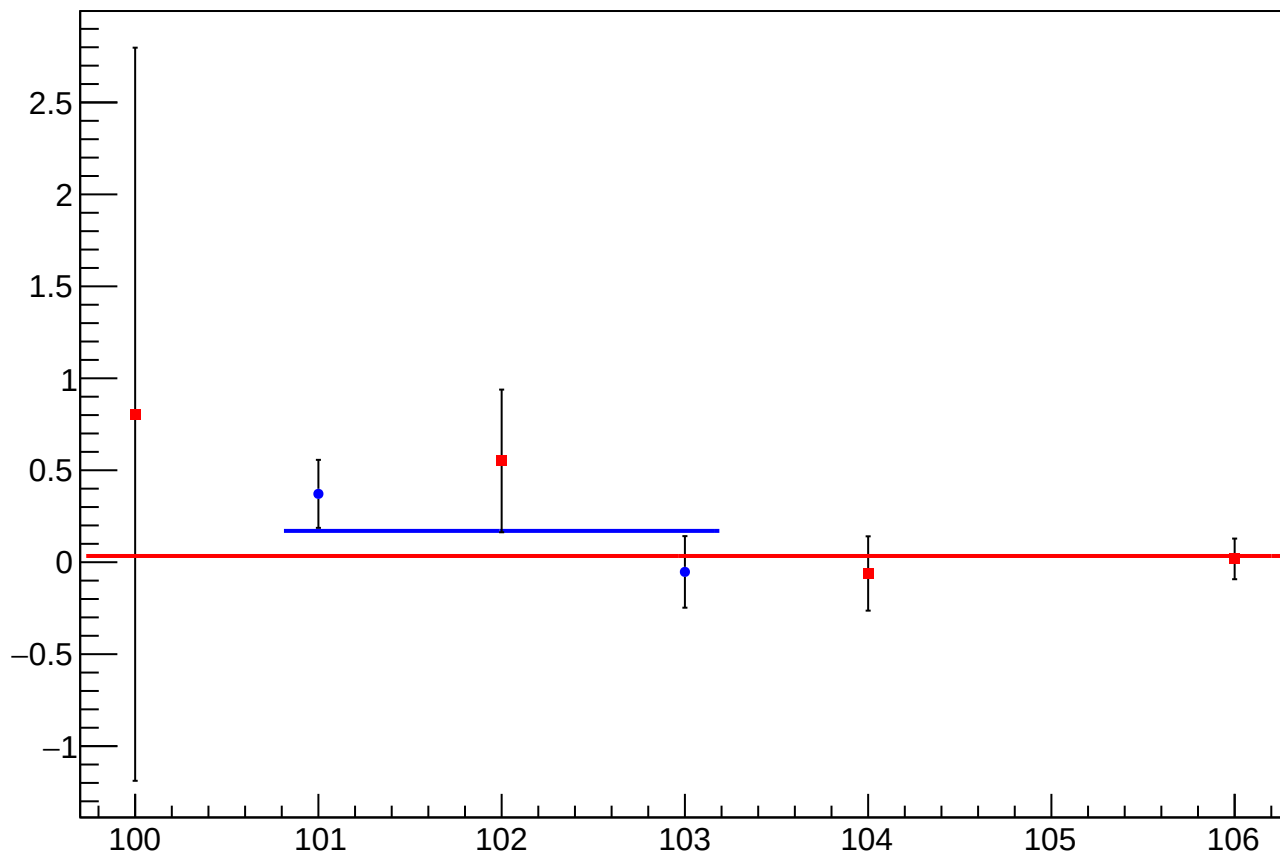
Right: 0.003+/-0.000 χ^2/NDF : 1582790.6/5

In: 0.003+/-0.000 χ^2/NDF : 594975.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1582790.6/5

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.094 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

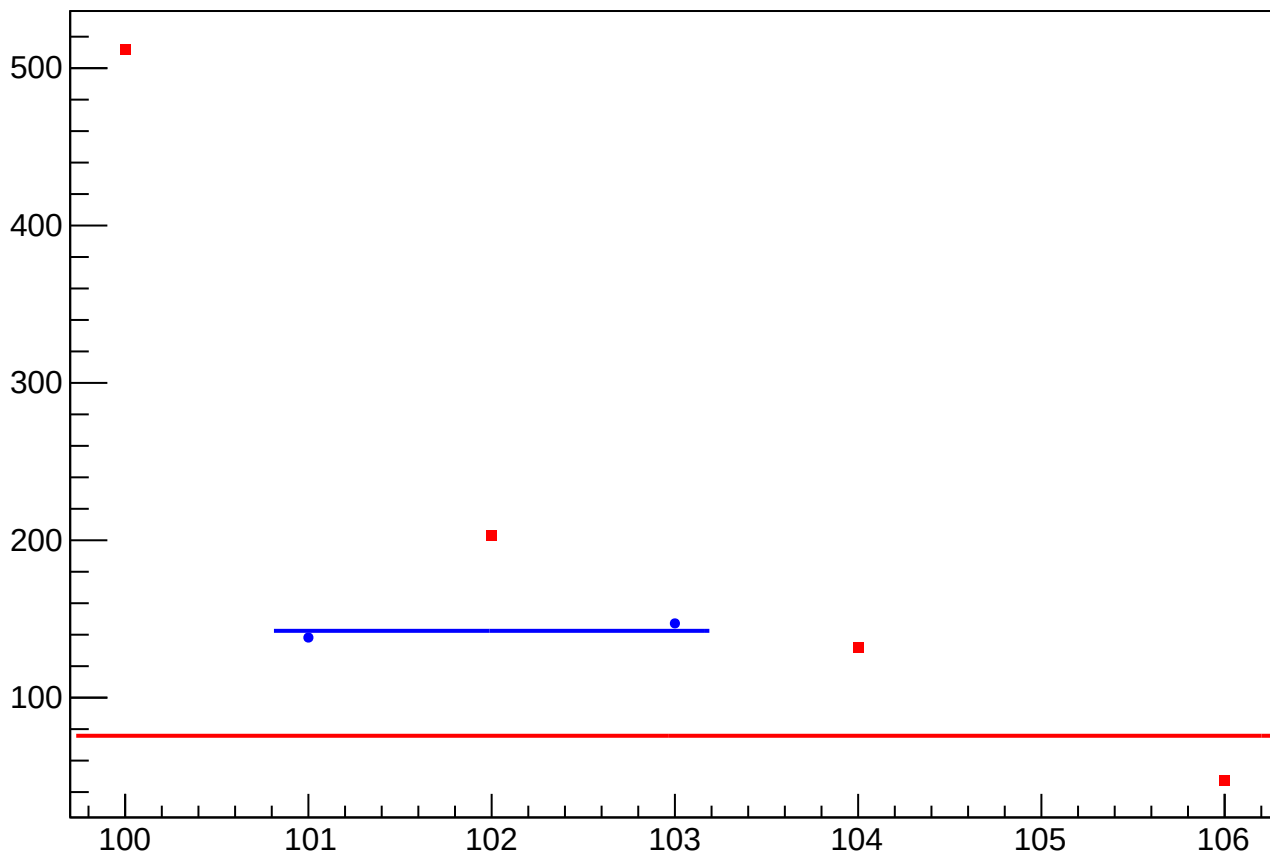
Right: 0.079+/-0.077 χ^2/NDF : 5.4/5

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.077 χ^2/NDF : 5.4/5

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.458 ± 0.095 χ^2/NDF : 2251.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 75.777 ± 0.066 χ^2/NDF : 600731.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

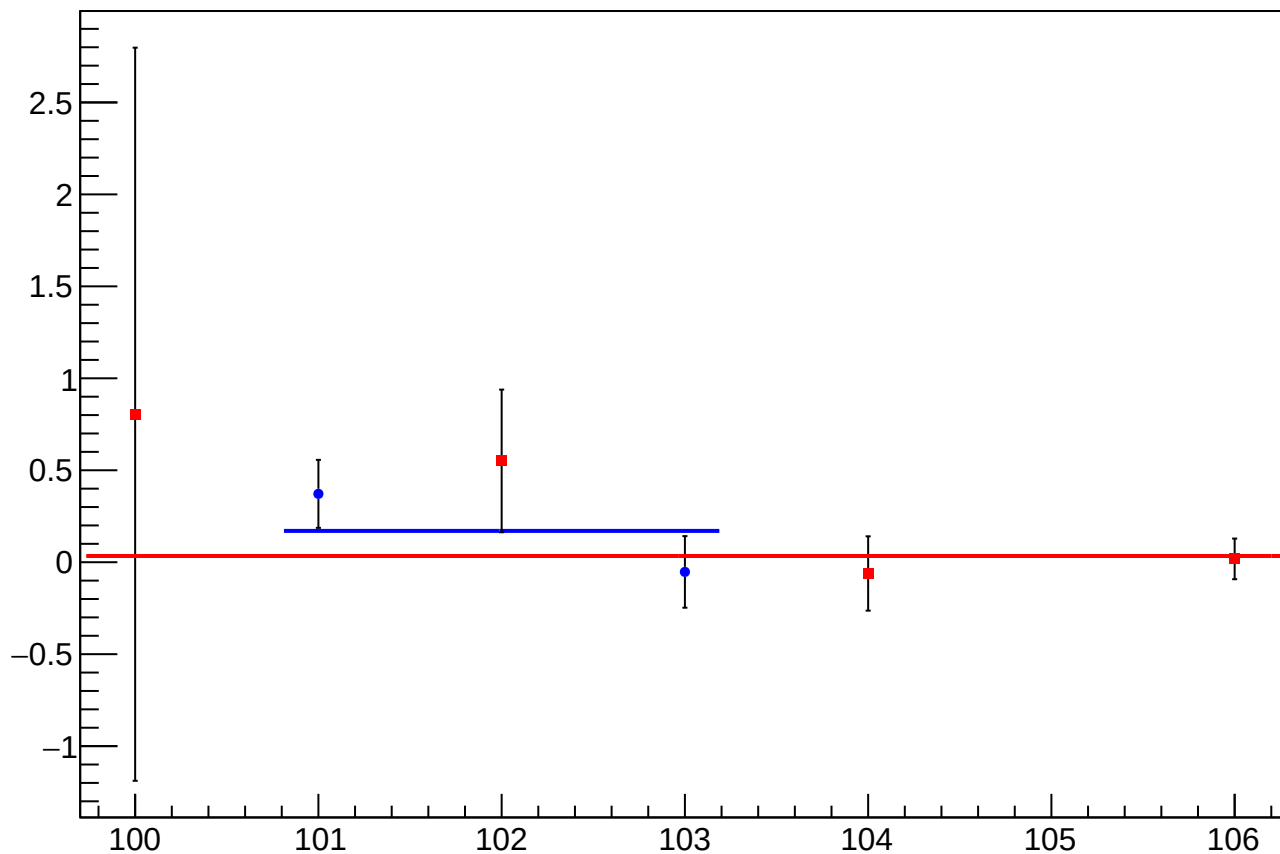
Right: 97.740 ± 0.054 χ^2/NDF : 934875.7/5

In: 142.458 ± 0.095 χ^2/NDF : 2251.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.740 ± 0.054 χ^2/NDF : 934875.7/5

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.094 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

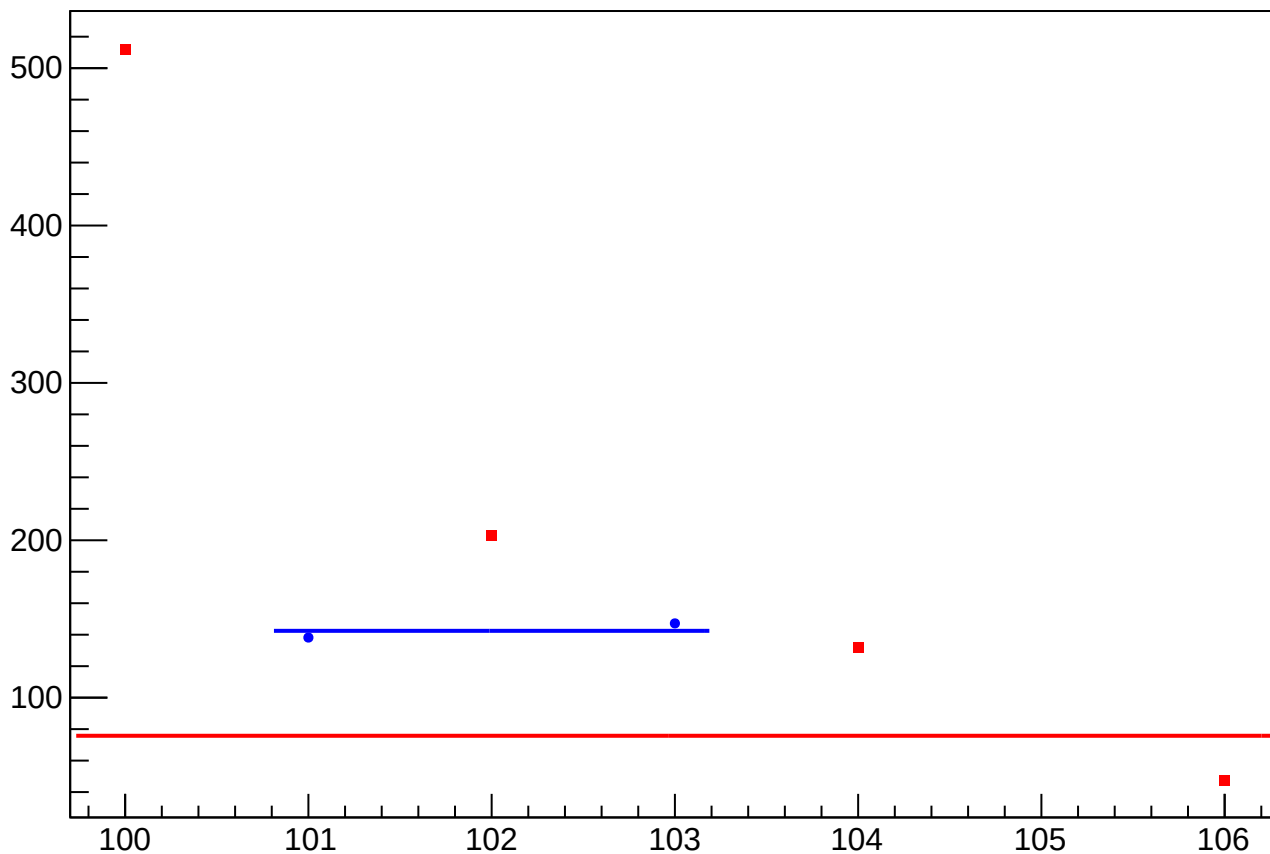
Right: 0.079 $\pm$ 0.077 χ^2 /NDF: 5.4/5

In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.077 χ^2 /NDF: 5.4/5

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.458 ± 0.095 χ^2/NDF : 2251.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 75.777 ± 0.066 χ^2/NDF : 600731.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

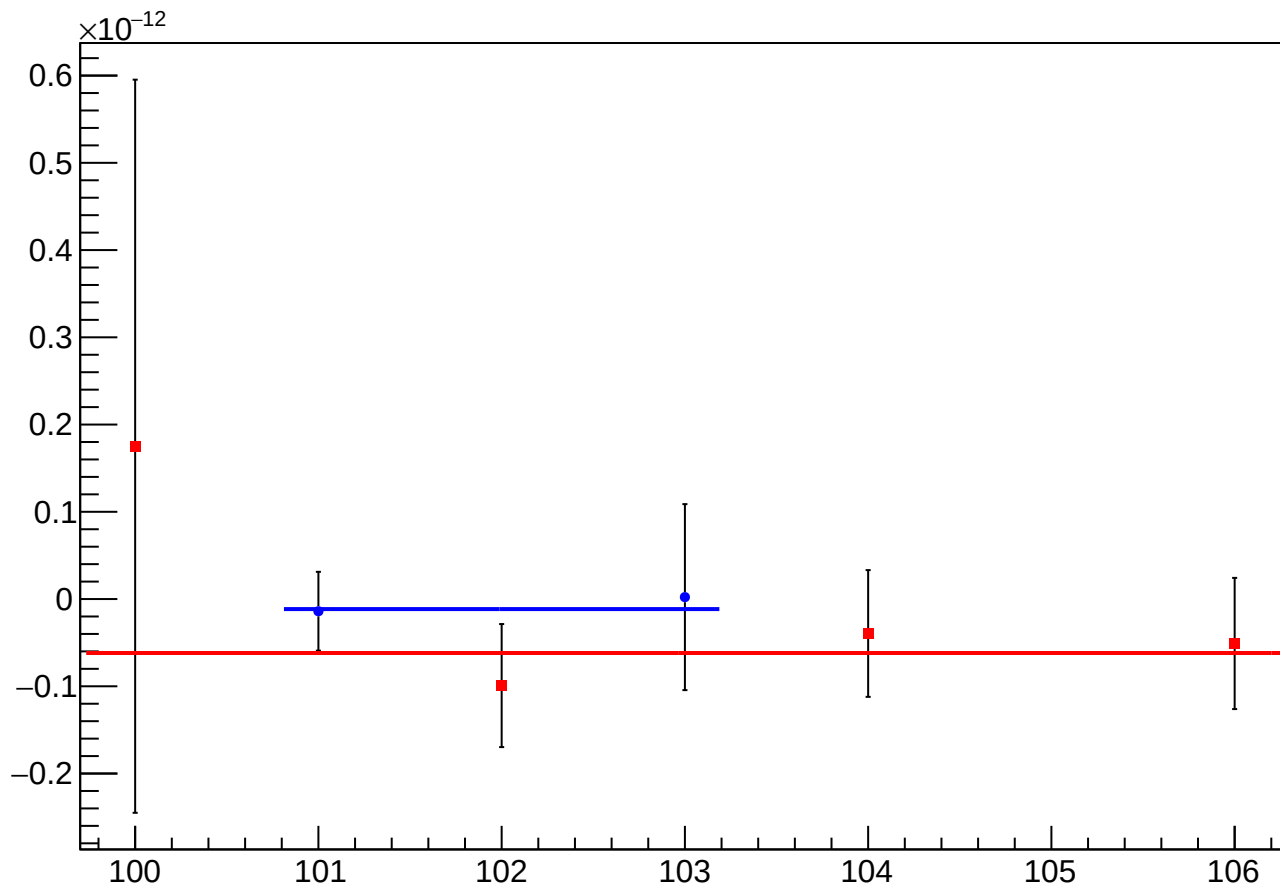
Right: 97.740 ± 0.054 χ^2/NDF : 934875.7/5

In: 142.458 ± 0.095 χ^2/NDF : 2251.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.740 ± 0.054 χ^2/NDF : 934875.7/5

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

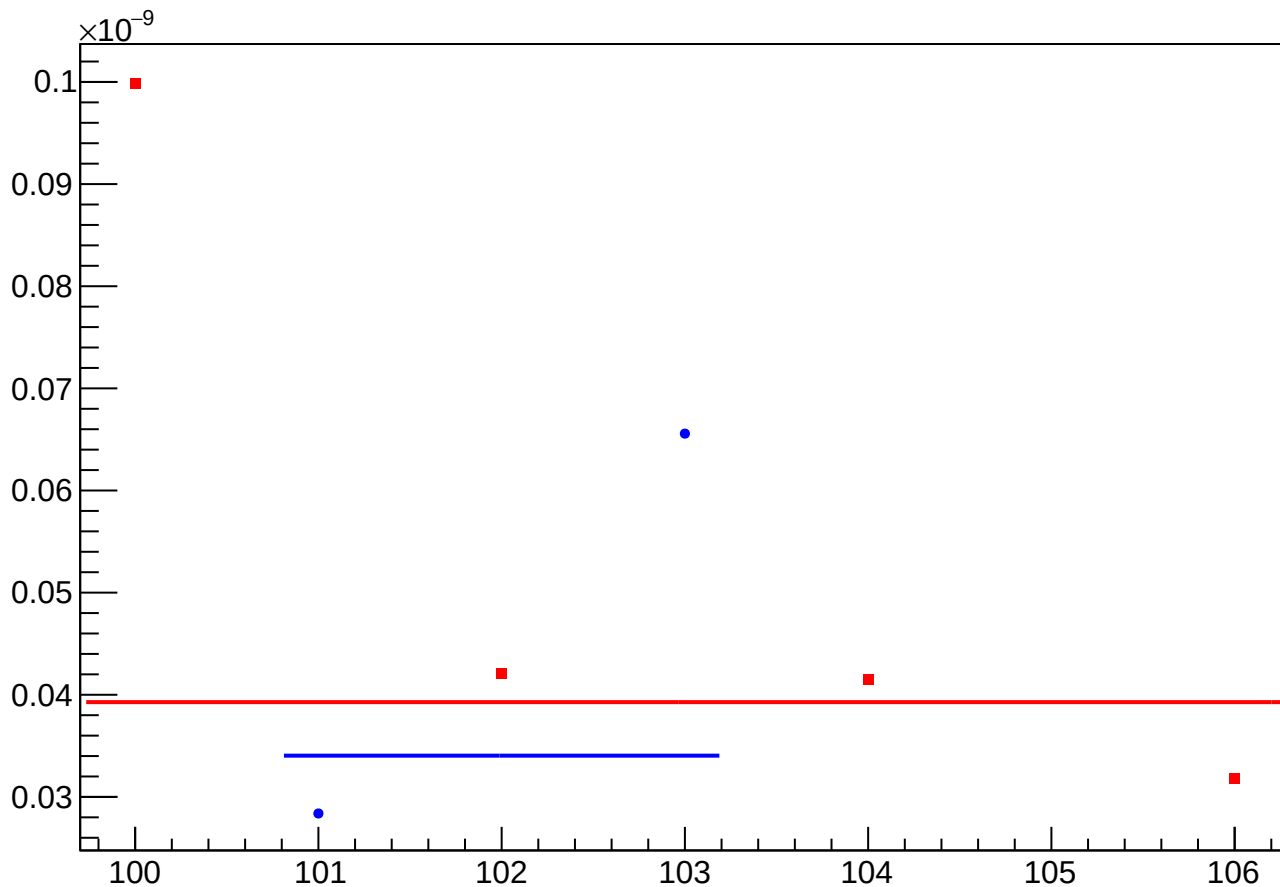
Right: -0.000+/-0.000 χ^2 /NDF: 1.5/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.5/5

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 206415.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 66569.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

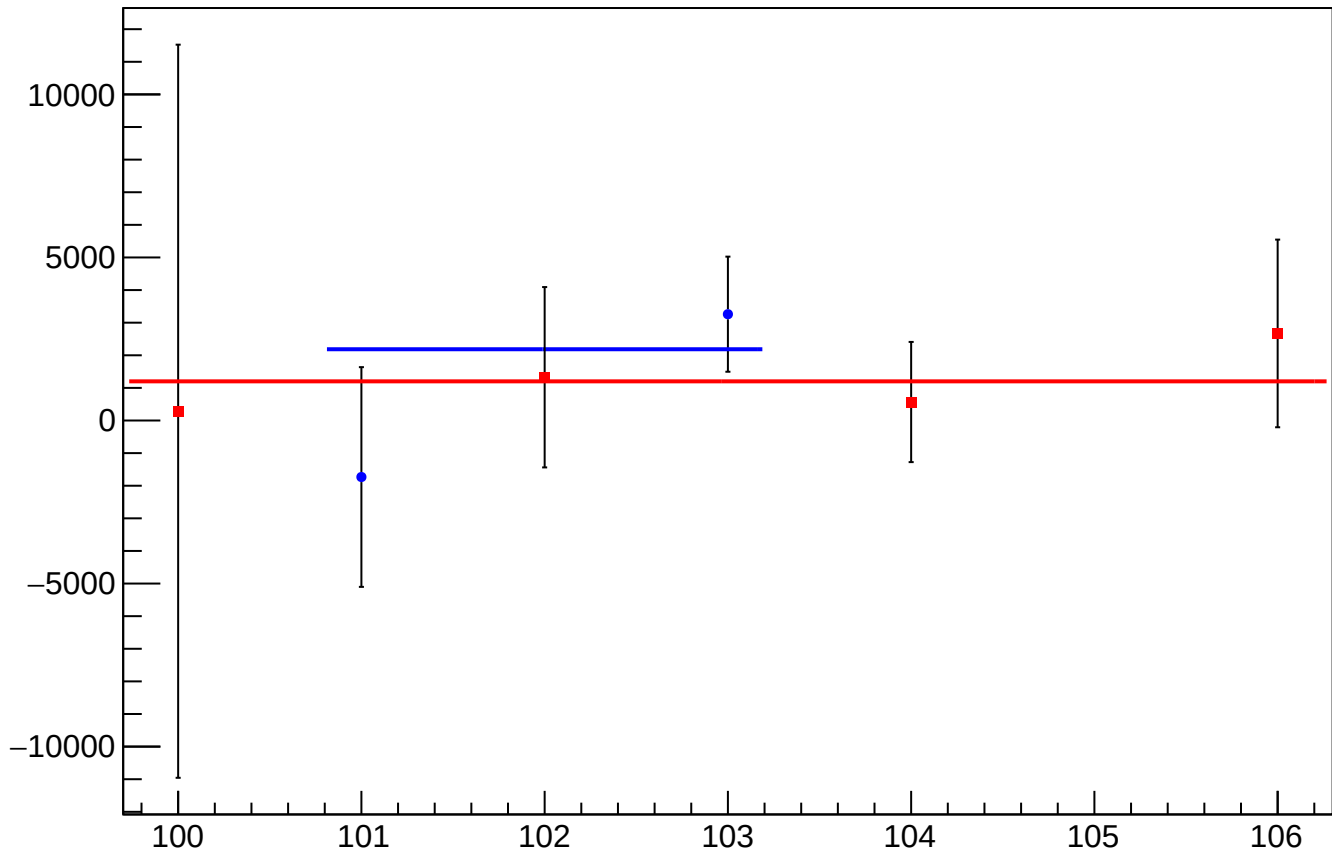
Right: 0.000+/-0.000 χ^2/NDF : 288792.1/5

In: 0.000+/-0.000 χ^2/NDF : 206415.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 288792.1/5

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.309+/-1563.263 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.810+/-1343.574 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

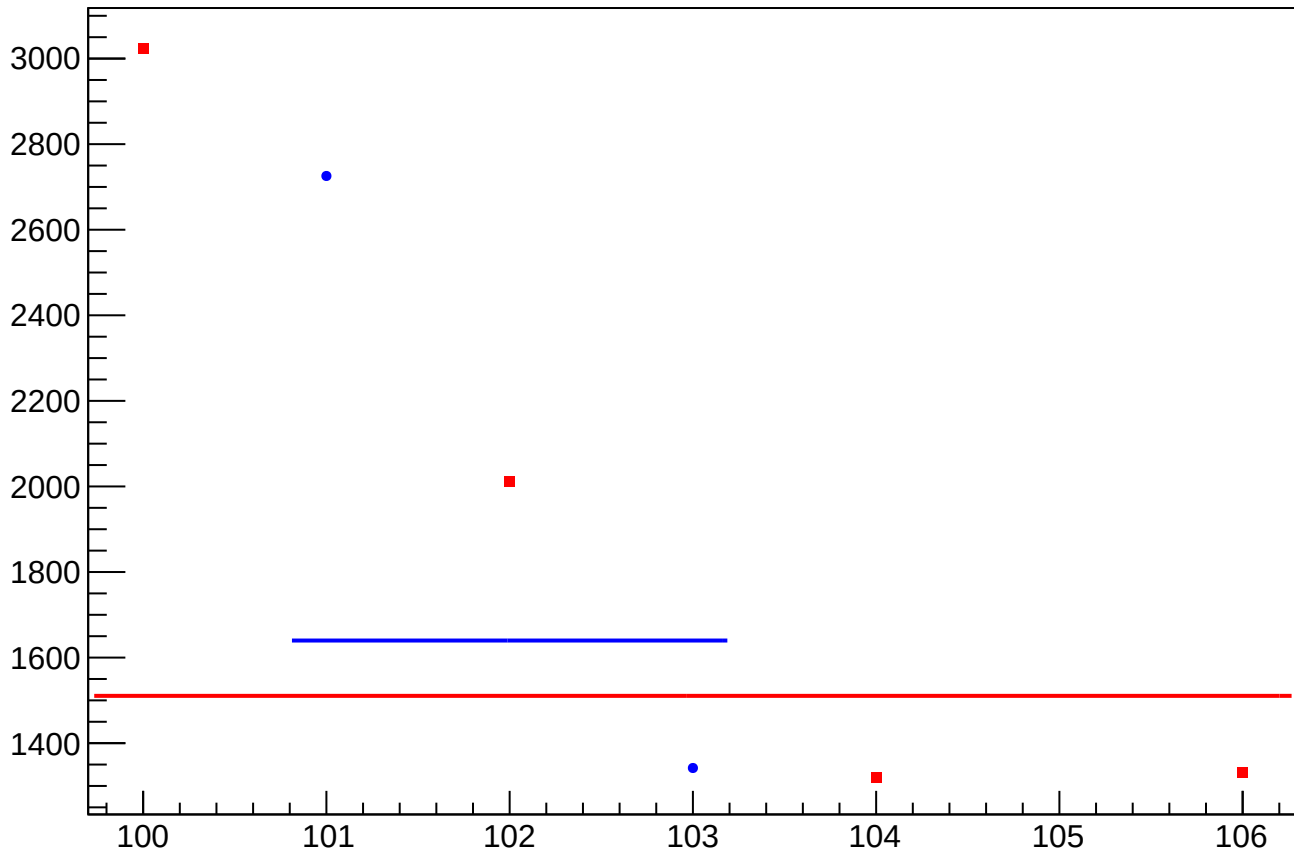
Right: 1619.077+/-1018.946 χ^2/NDF : 2.3/5

In: 2185.309+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.077+/-1018.946 χ^2/NDF : 2.3/5

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.871+/-1.105 χ^2/NDF : 264722.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.569+/-0.950 χ^2/NDF : 131060.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

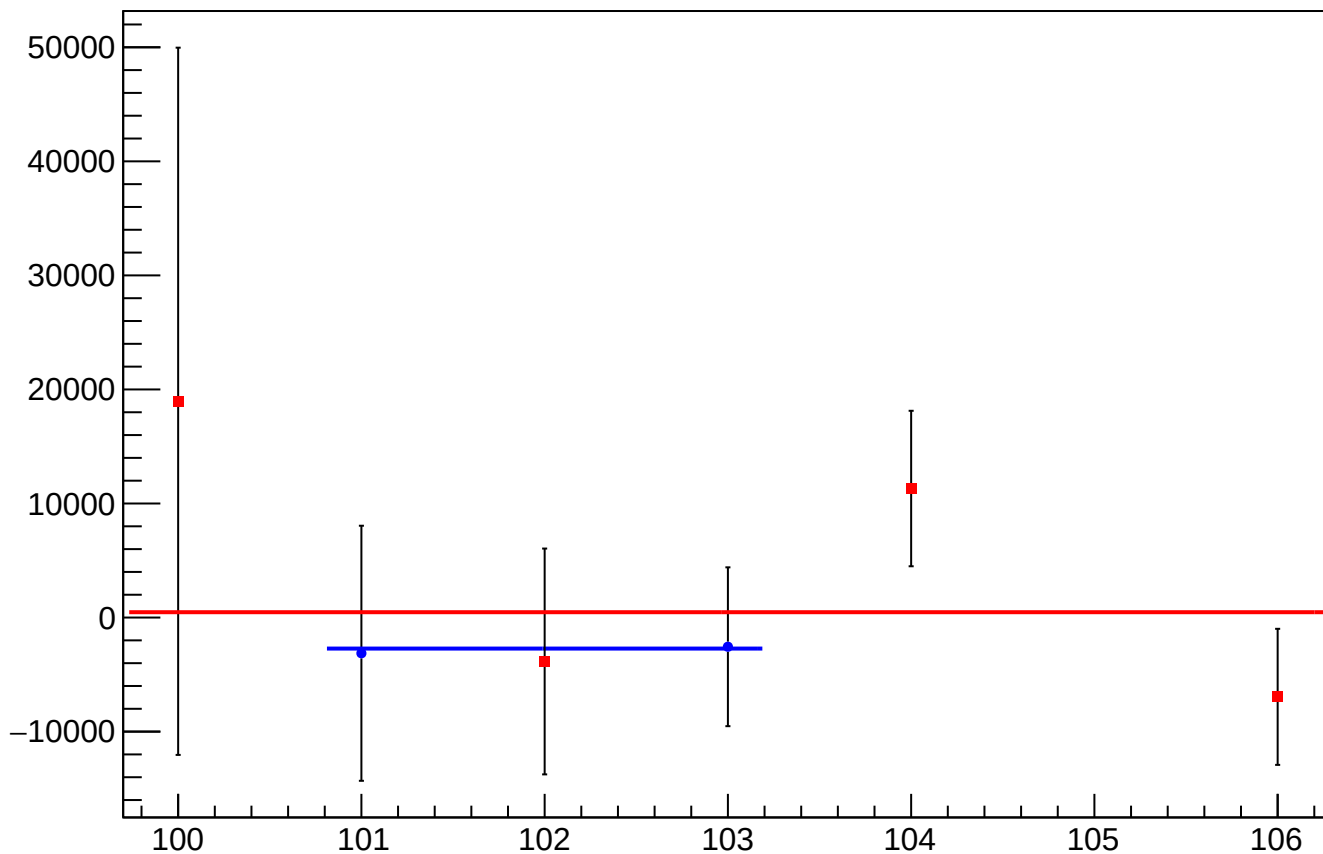
Right: 1565.502+/-0.720 χ^2/NDF : 403652.1/5

In: 1639.871+/-1.105 χ^2/NDF : 264722.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.502+/-0.720 χ^2/NDF : 403652.1/5

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2719.921+/-5911.004 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.870+/-4053.153 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

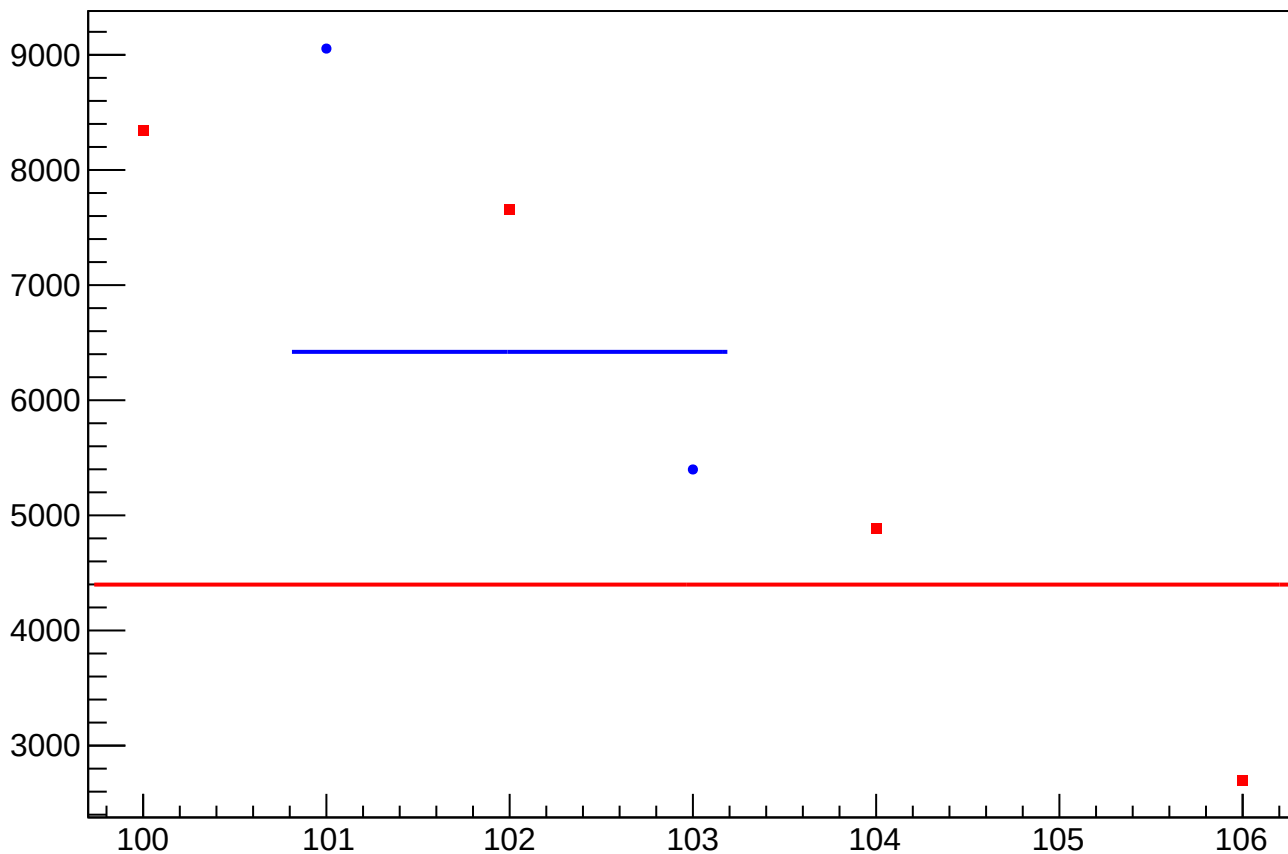
Right: -550.940+/-3342.781 χ^2/NDF : 4.8/5

In: -2719.921+/-5911.004 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.940+/-3342.781 χ^2/NDF : 4.8/5

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6420.244+/-4.180 χ^2/NDF : 154050.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4398.633+/-2.866 χ^2/NDF : 421078.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

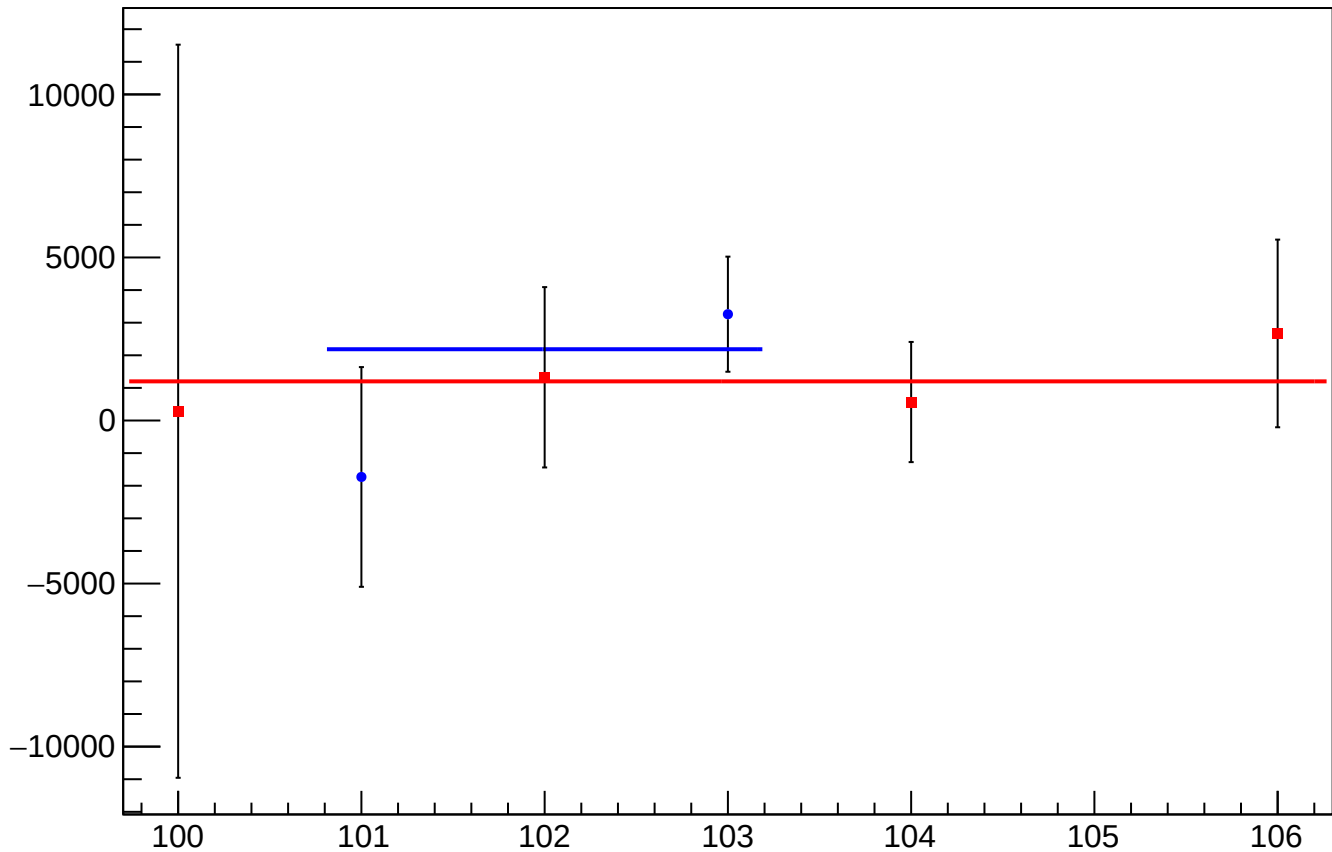
Right: 5045.167+/-2.364 χ^2/NDF : 734252.4/5

In: 6420.244+/-4.180 χ^2/NDF : 154050.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5045.167+/-2.364 χ^2/NDF : 734252.4/5

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1200.582+/-1343.575 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

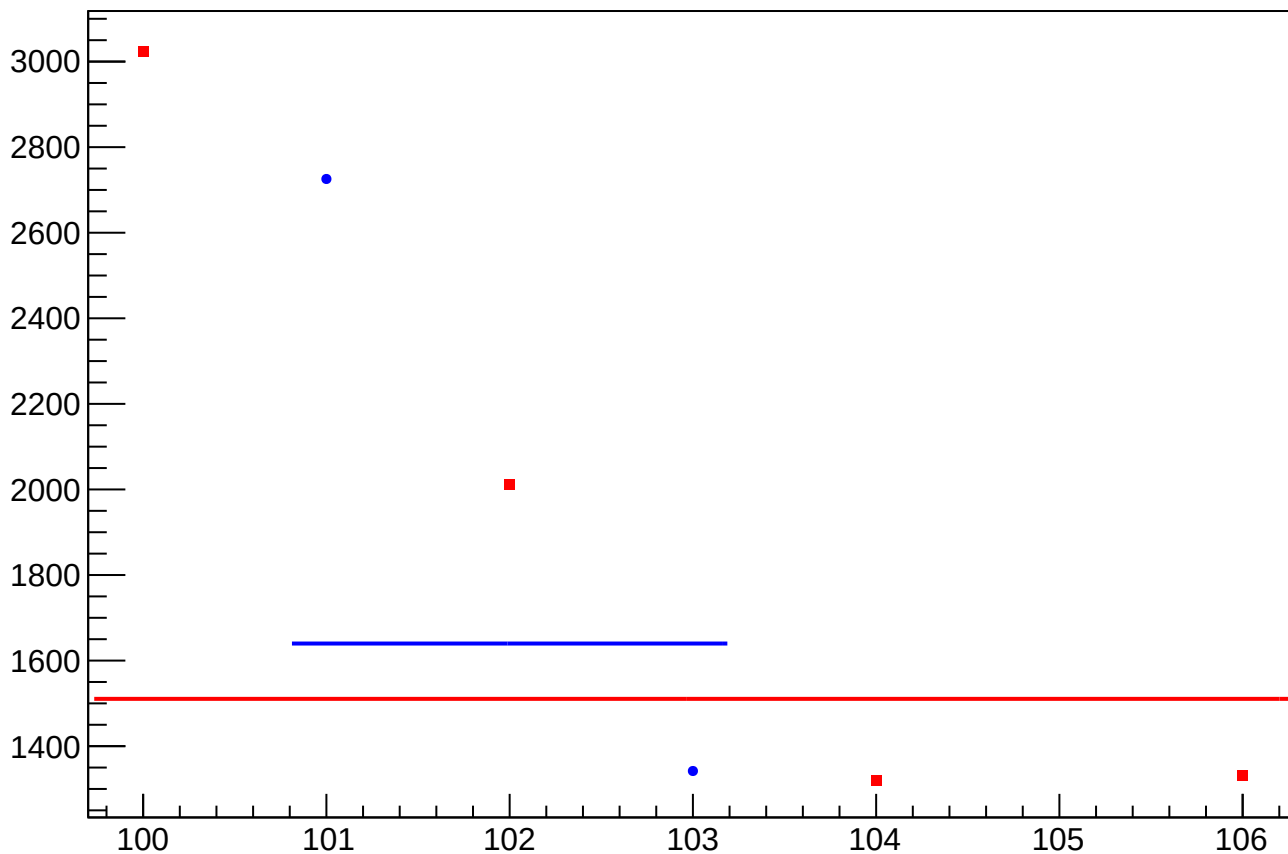
Right: 1619.156+/-1018.946 χ^2/NDF : 2.3/5

In: 2185.804+/-1563.263 χ^2/NDF :1.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1619.156+/-1018.946 χ^2/NDF : 2.3/5

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.568+/-0.950 χ^2/NDF : 131059.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

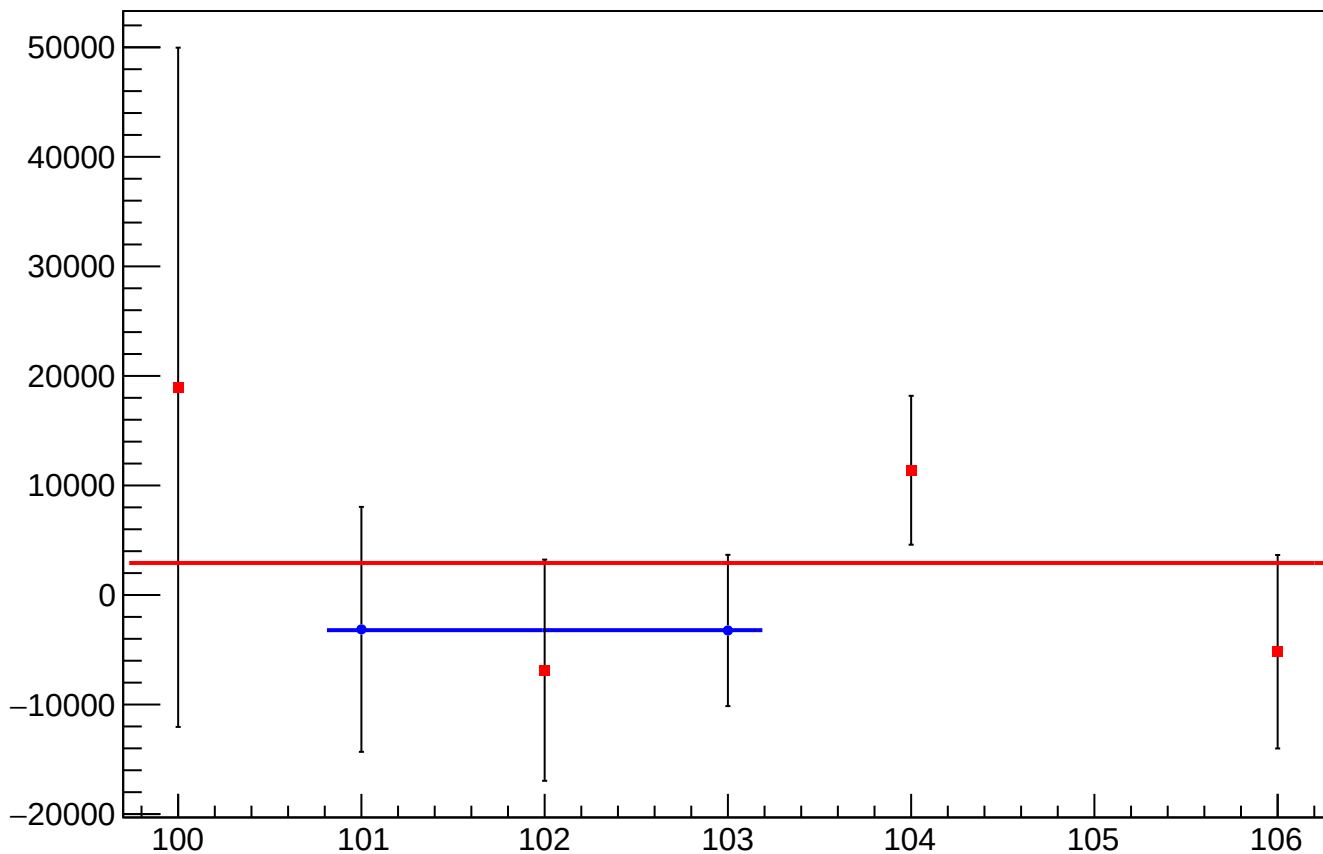
Right: 1565.501+/-0.720 χ^2/NDF : 403652.0/5

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.501+/-0.720 χ^2/NDF : 403652.0/5

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2923.379+/-4697.201 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

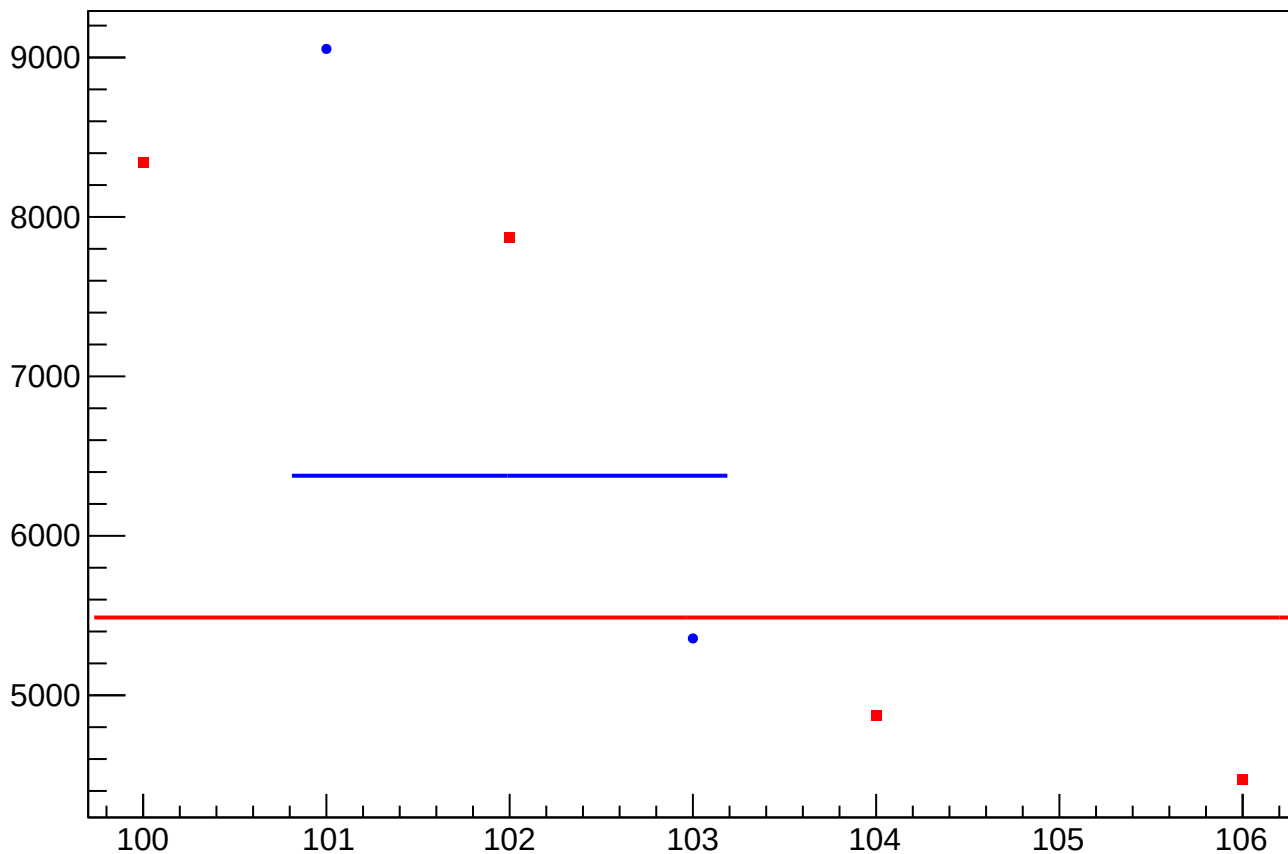
Right: 531.272+/-3668.664 χ^2/NDF : 4.3/5

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.272+/-3668.664 χ^2/NDF : 4.3/5

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5487.758+/-3.321 χ^2/NDF : 171578.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

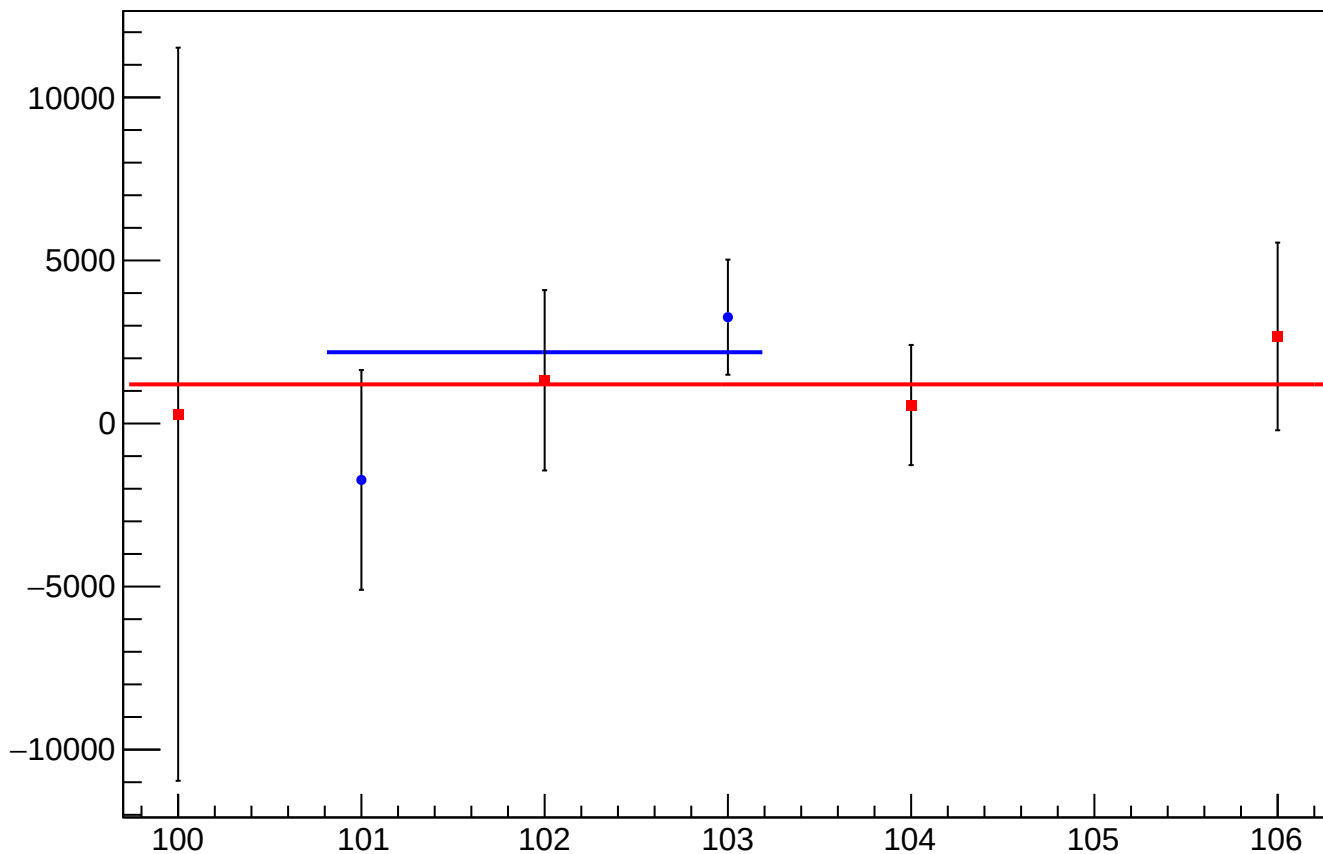
Right: 5834.558+/-2.594 χ^2/NDF : 357867.7/5

In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5834.558+/-2.594 χ^2/NDF : 357867.7/5

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1200.582+/-1343.575 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

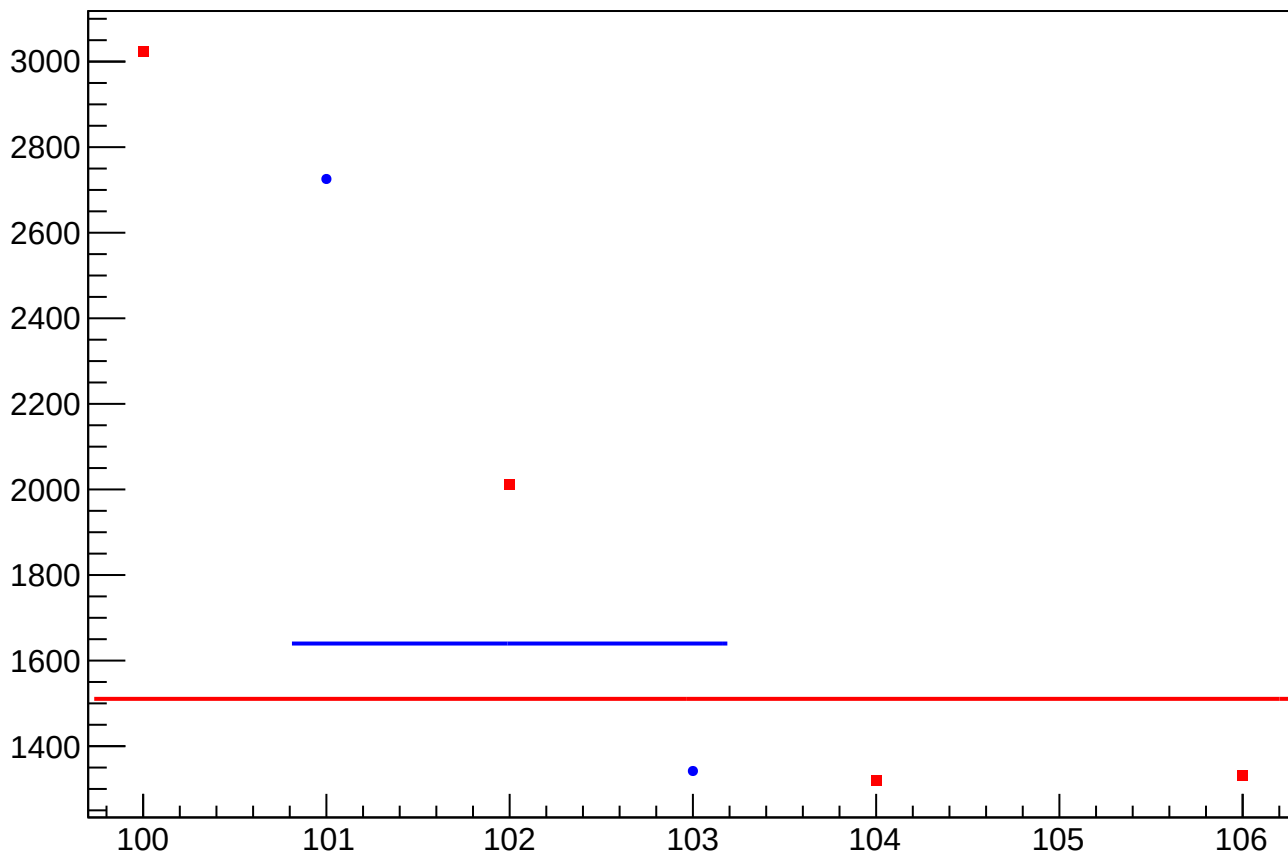
Right: 1619.156+/-1018.946 χ^2/NDF : 2.3/5

In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.156+/-1018.946 χ^2/NDF : 2.3/5

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1510.568+/-0.950 χ^2/NDF : 131059.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

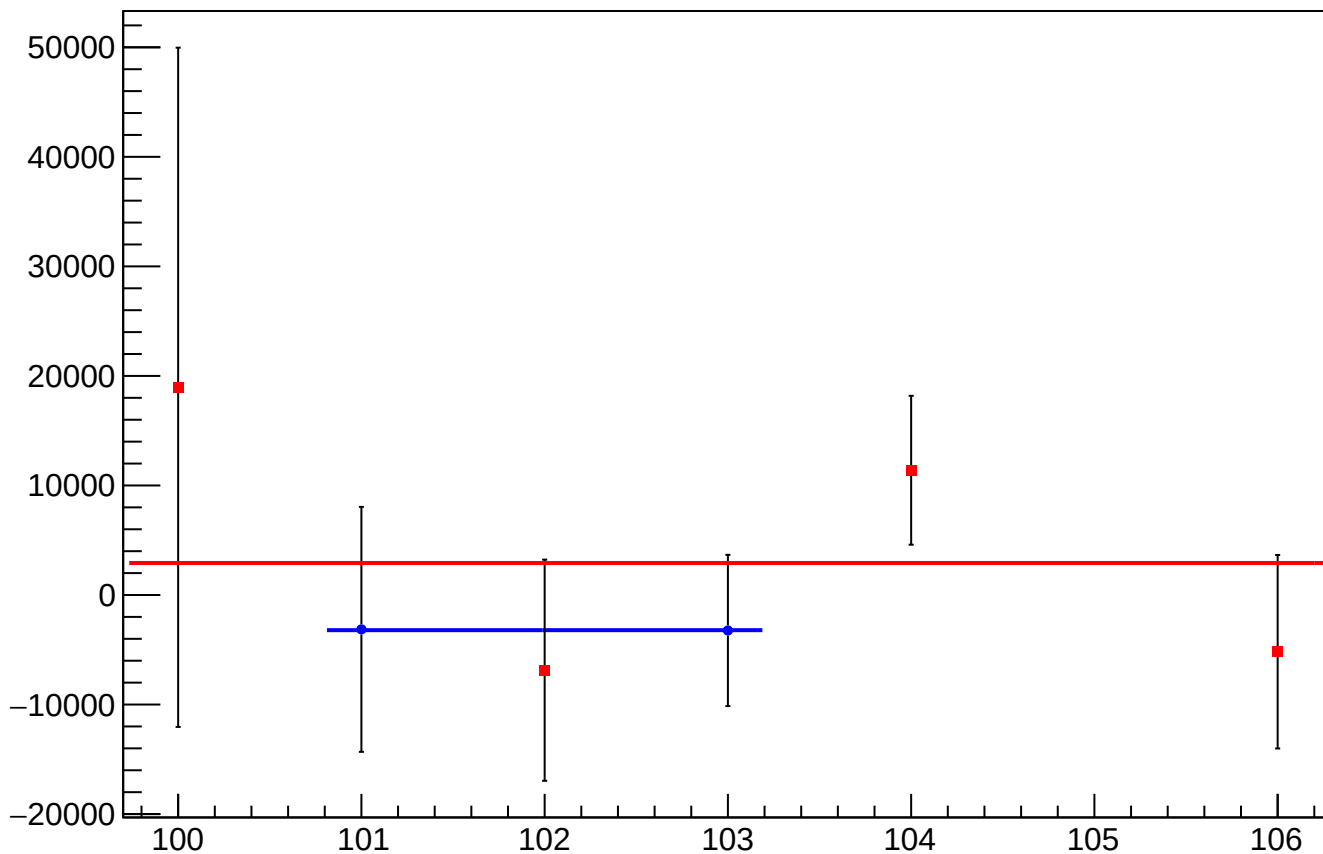
Right: 1565.501+/-0.720 χ^2/NDF : 403652.0/5

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.501+/-0.720 χ^2/NDF : 403652.0/5

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2923.379+/-4697.201 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

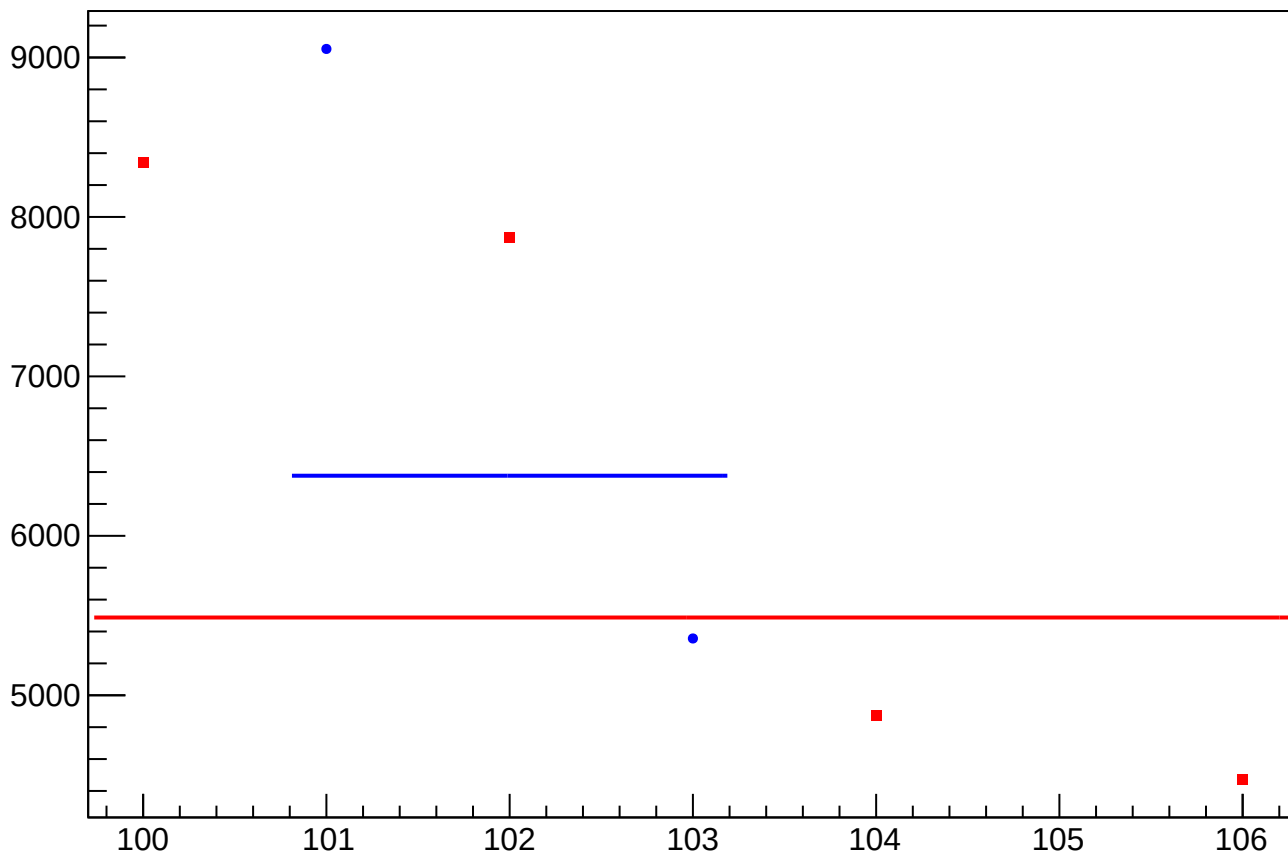
Right: 531.272+/-3668.664 χ^2/NDF : 4.3/5

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 531.272+/-3668.664 χ^2/NDF : 4.3/5

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5487.758+/-3.321 χ^2/NDF : 171578.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

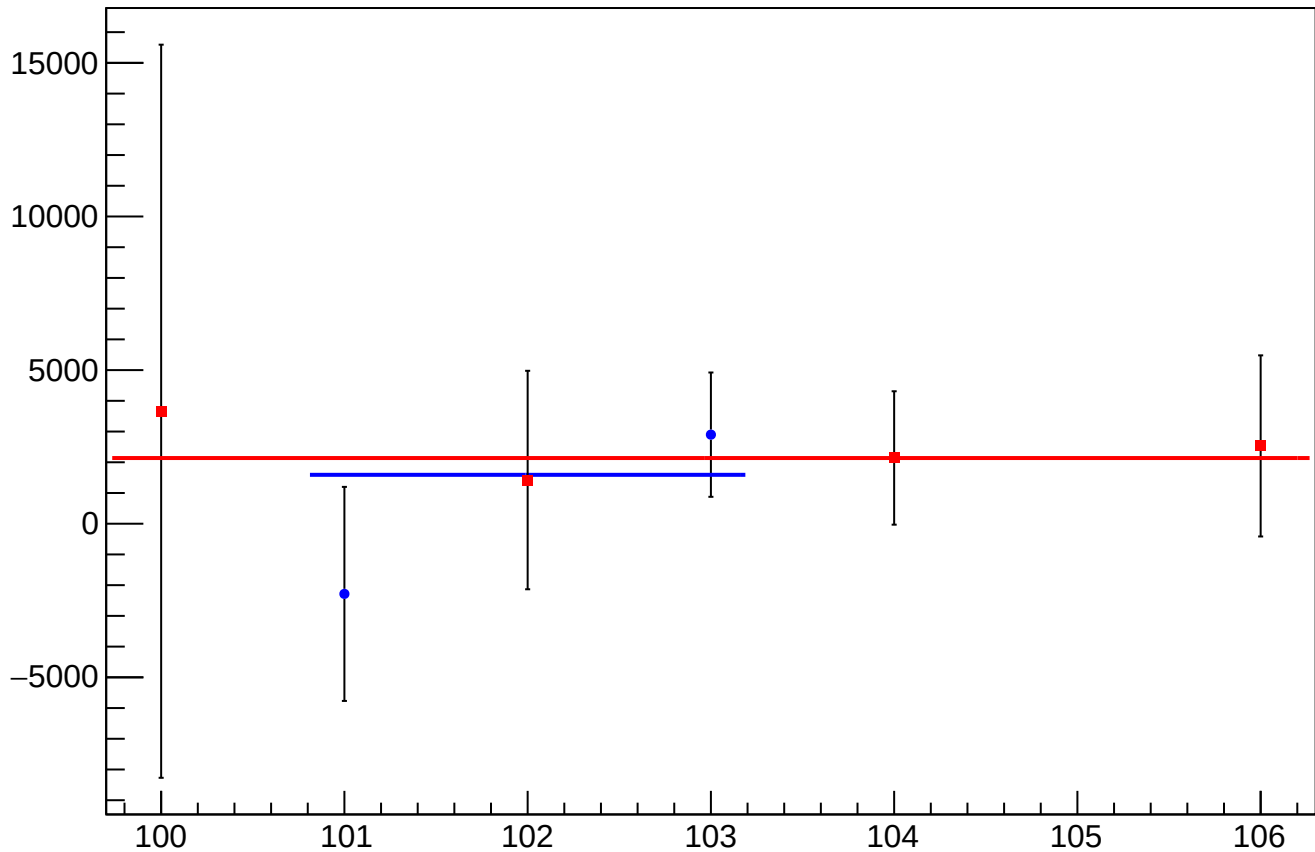
Right: 5834.558+/-2.594 χ^2/NDF : 357867.7/5

In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5834.558+/-2.594 χ^2/NDF : 357867.7/5

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1591.376+/-1749.458 χ^2 /NDF: 1.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2137.639+/-1555.391 χ^2 /NDF: 0.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

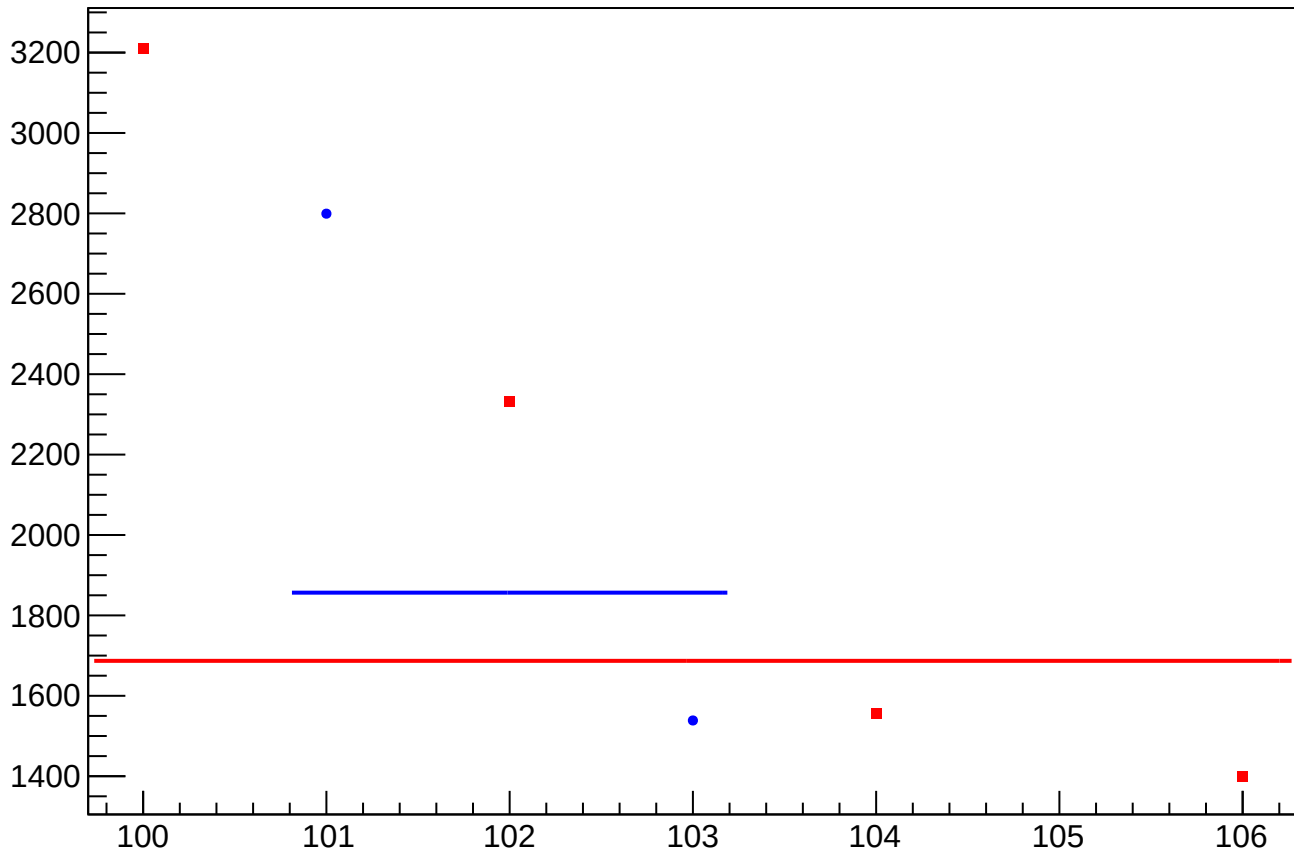
Right: 1896.475+/-1162.409 χ^2 /NDF: 1.8/5

In: 1591.376+/-1749.458 χ^2 /NDF:1.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1896.475+/-1162.409 χ^2 /NDF: 1.8/5

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1856.587+/-1.237 χ^2/NDF : 195861.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1686.963+/-1.097 χ^2/NDF : 125200.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

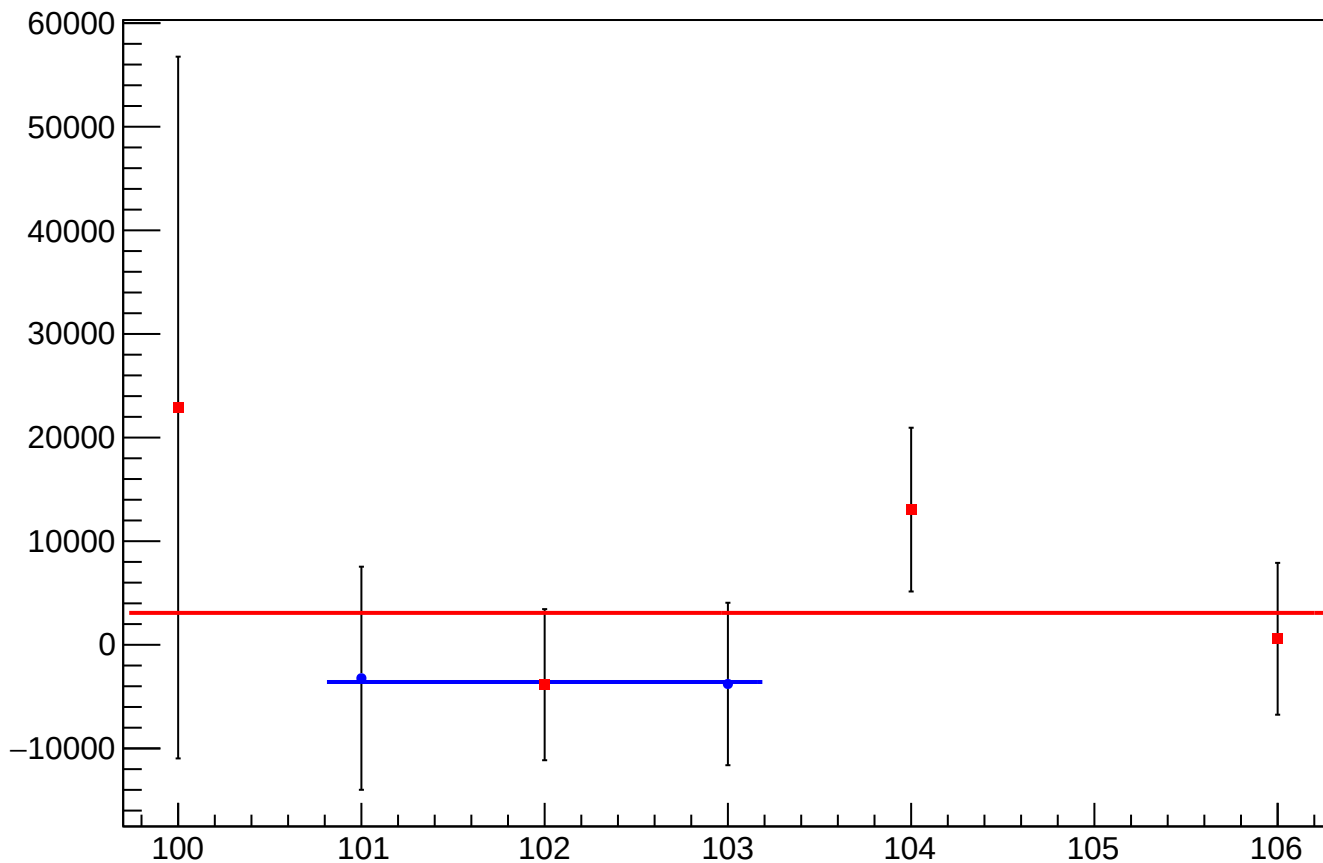
Right: 1761.665+/-0.821 χ^2/NDF : 331583.7/5

In: 1856.587+/-1.237 χ^2/NDF : 195861.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.665+/-0.821 χ^2/NDF : 331583.7/5

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3589.158+/-6337.121 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3080.463+/-4290.626 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

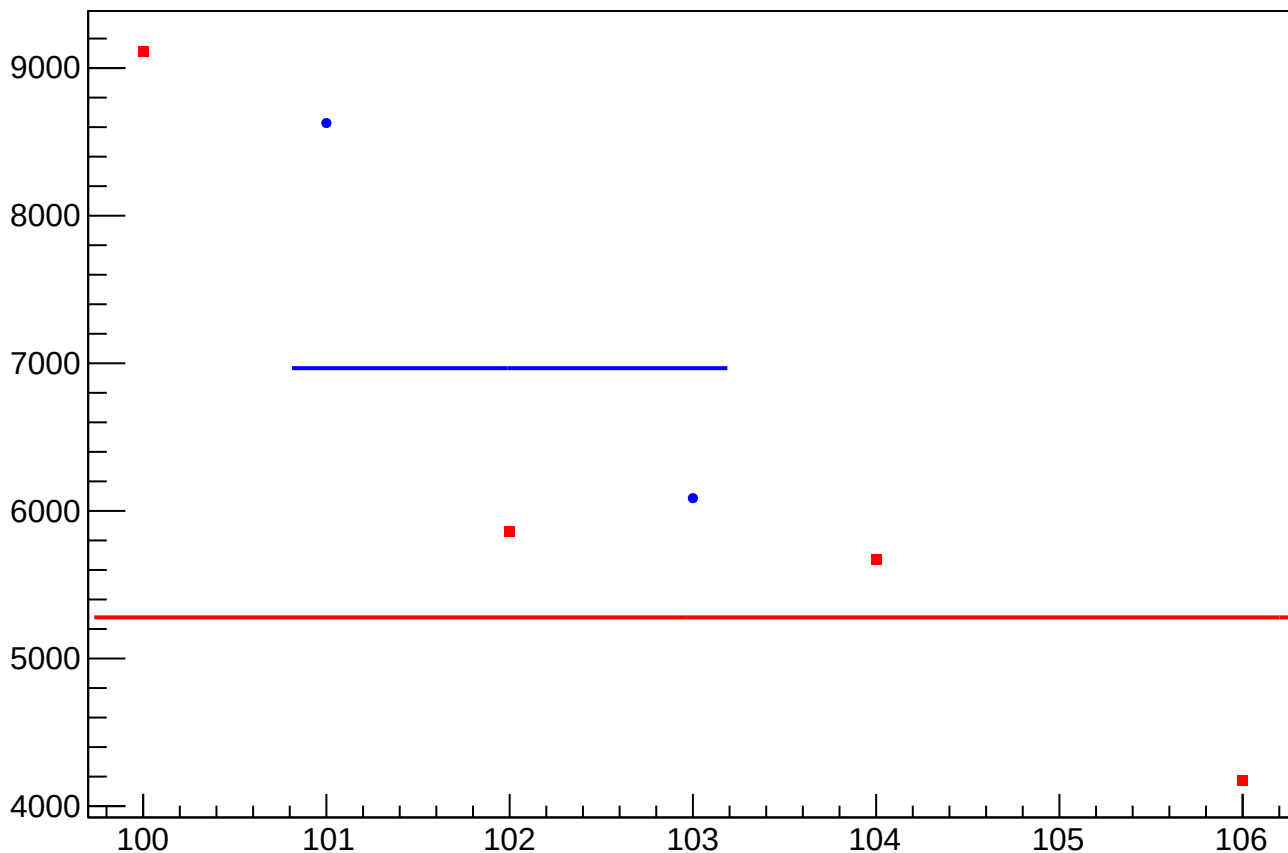
Right: 984.046+/-3552.878 χ^2/NDF : 3.7/5

In: -3589.158+/-6337.121 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.046+/-3552.878 χ^2/NDF : 3.7/5

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 6967.019+/-4.481 χ^2/NDF : 72834.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5278.683+/-3.034 χ^2/NDF : 88457.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

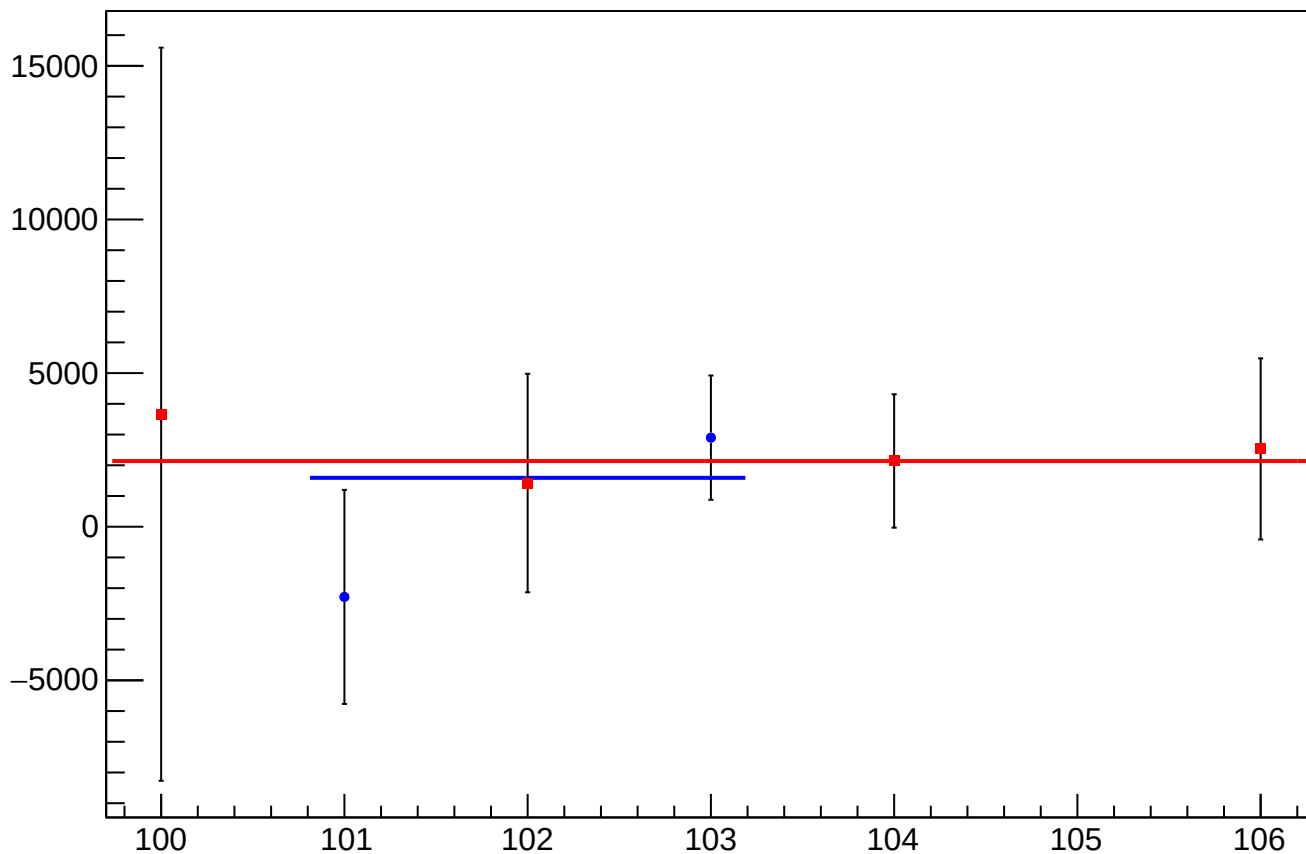
Right: 5809.367+/-2.512 χ^2/NDF : 258629.4/5

In: 6967.019+/-4.481 χ^2/NDF : 72834.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5809.367+/-2.512 χ^2/NDF : 258629.4/5

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1591.368 $\pm$ 1749.458 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2137.646 $\pm$ 1555.391 χ^2 /NDF: 0.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

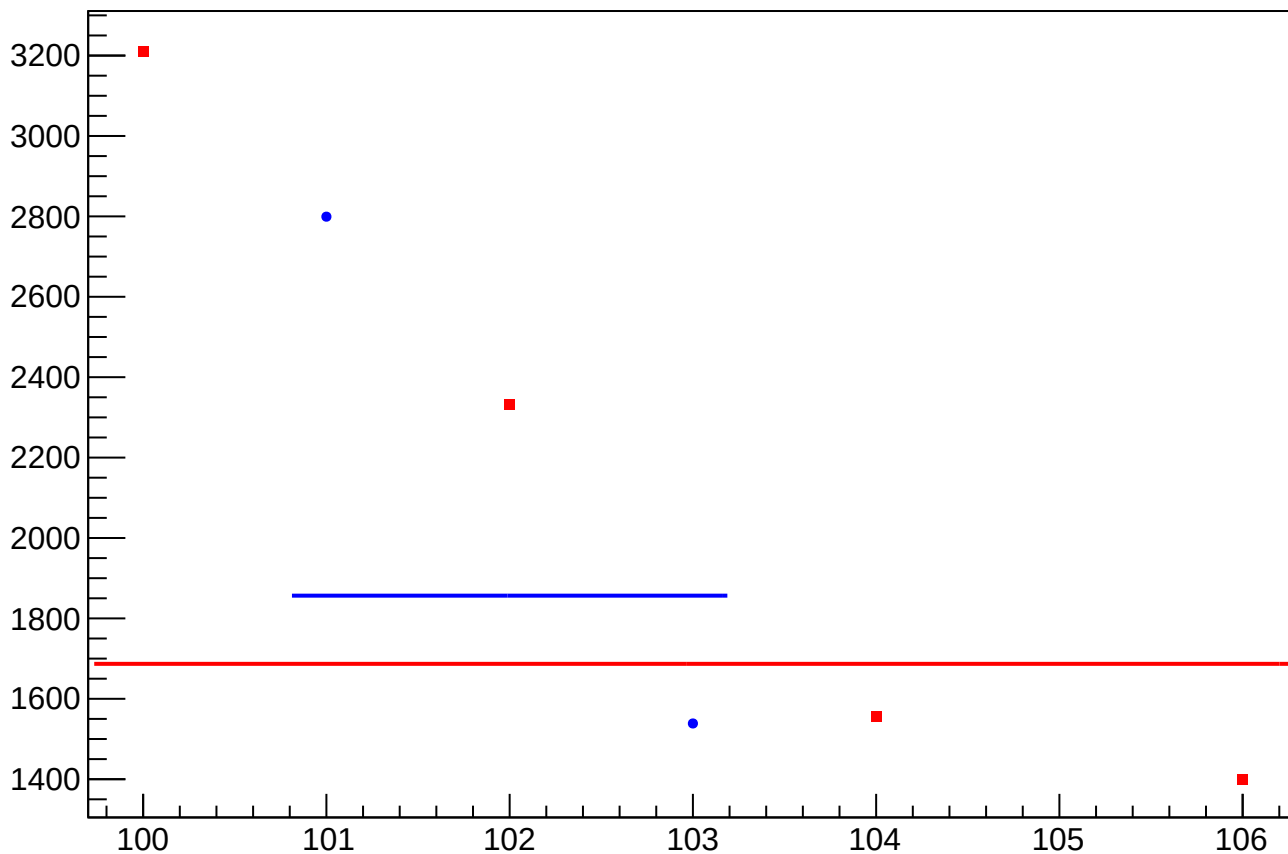
Right: 1896.475 $\pm$ 1162.409 χ^2 /NDF: 1.8/5

In: 1591.368 $\pm$ 1749.458 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1896.475 $\pm$ 1162.409 χ^2 /NDF: 1.8/5

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1856.587+/-1.237 χ^2/NDF : 195861.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1686.963+/-1.097 χ^2/NDF : 125200.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

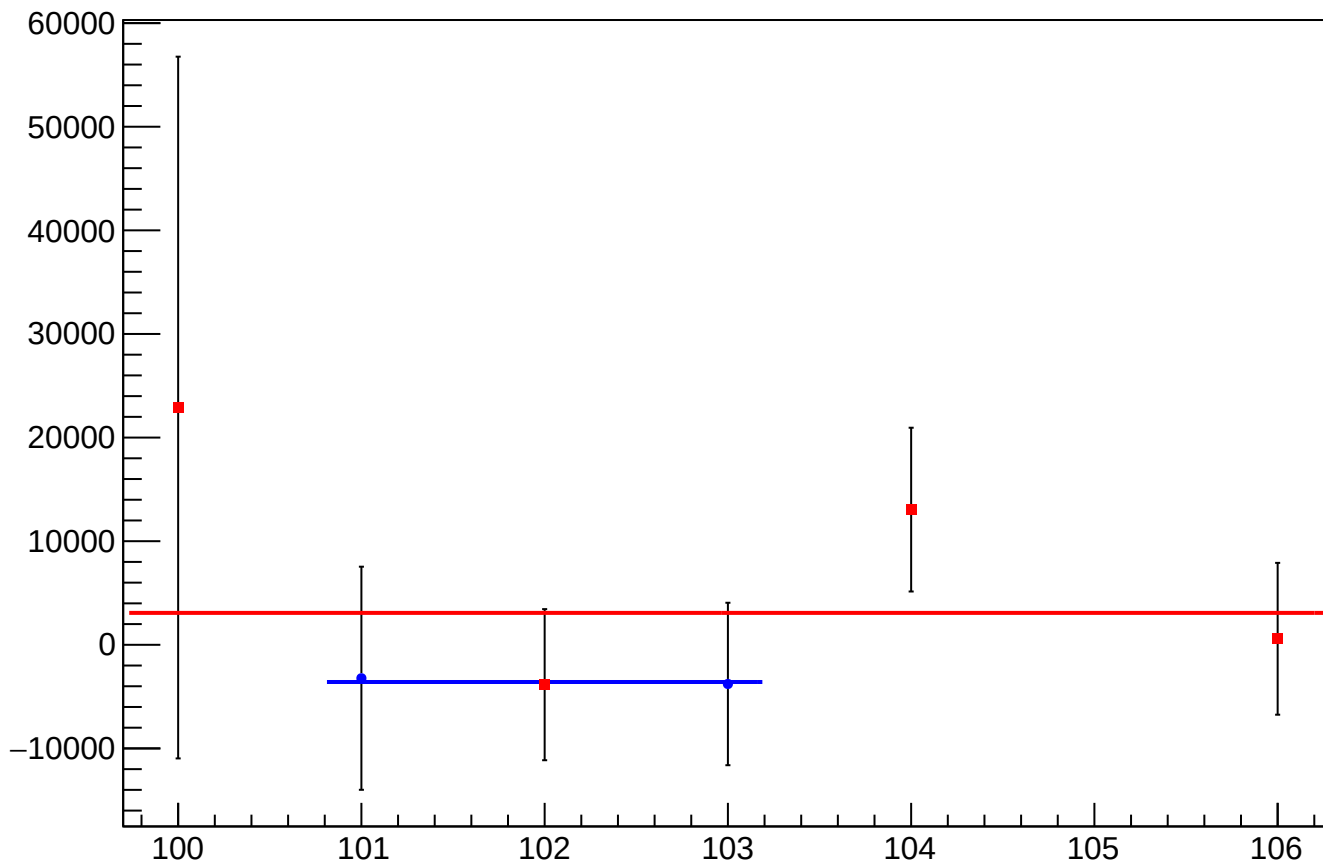
Right: 1761.665+/-0.821 χ^2/NDF : 331583.6/5

In: 1856.587+/-1.237 χ^2/NDF : 195861.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1761.665+/-0.821 χ^2/NDF : 331583.6/5

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3589.167+/-6337.118 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3080.473+/-4290.621 χ^2 /NDF: 3.0/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

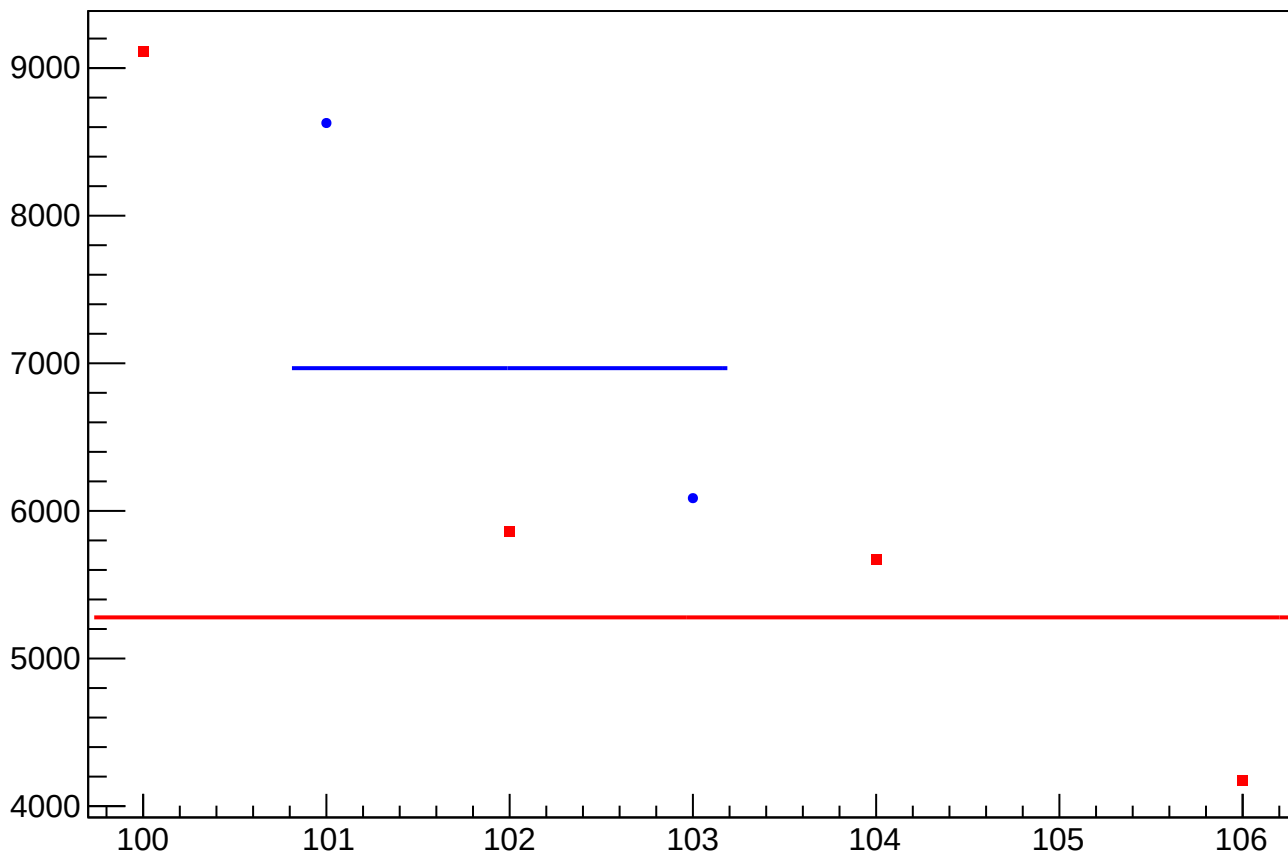
Right: 984.052+/-3552.875 χ^2 /NDF: 3.7/5

In: -3589.167+/-6337.118 χ^2 /NDF: 0.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 984.052+/-3552.875 χ^2 /NDF: 3.7/5

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6967.016+/-4.481 χ^2/NDF : 72833.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5278.677+/-3.034 χ^2/NDF : 88458.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

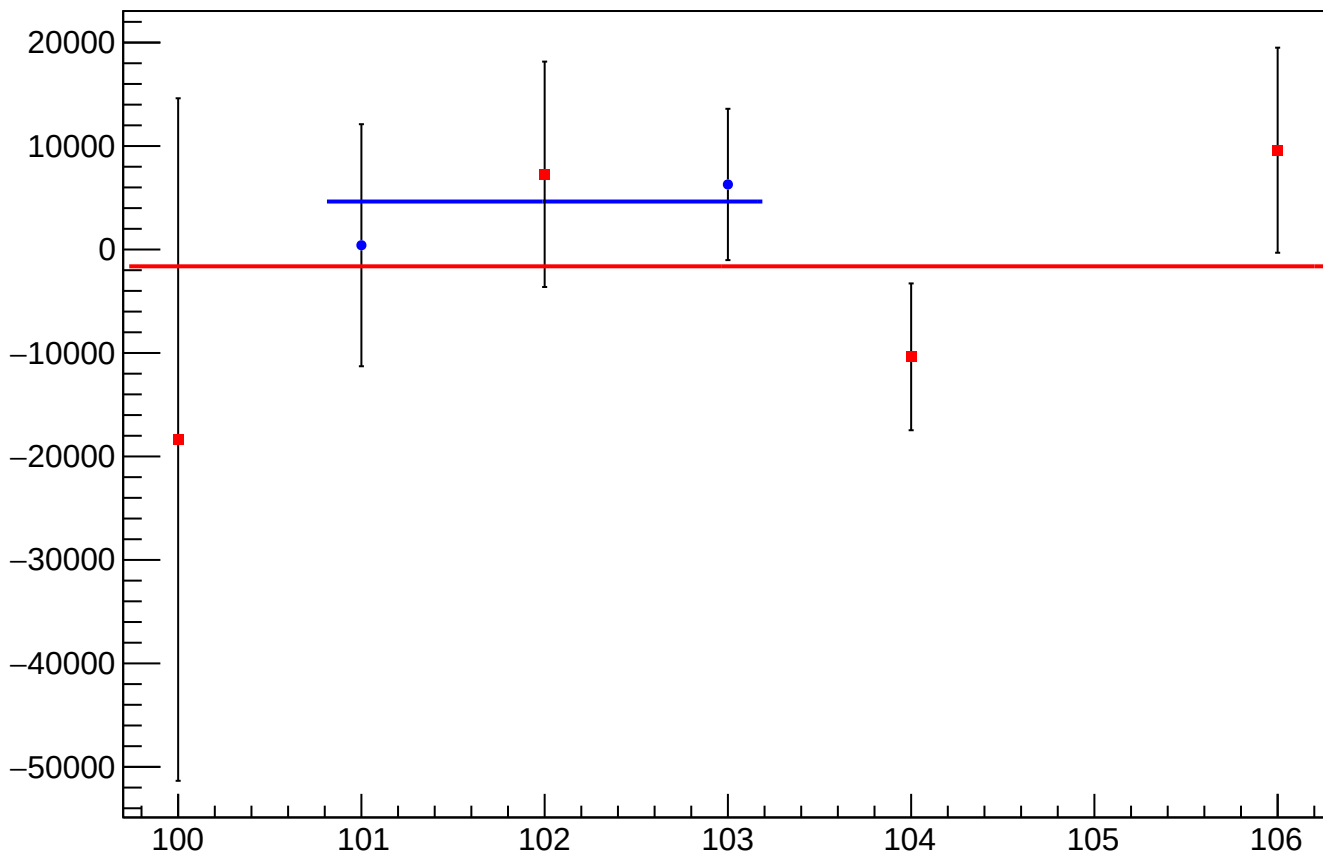
Right: 5809.361+/-2.512 χ^2/NDF : 258630.7/5

In: 6967.016+/-4.481 χ^2/NDF : 72833.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5809.361+/-2.512 χ^2/NDF : 258630.7/5

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4637.248+/-6199.416 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1623.513+/-5037.709 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

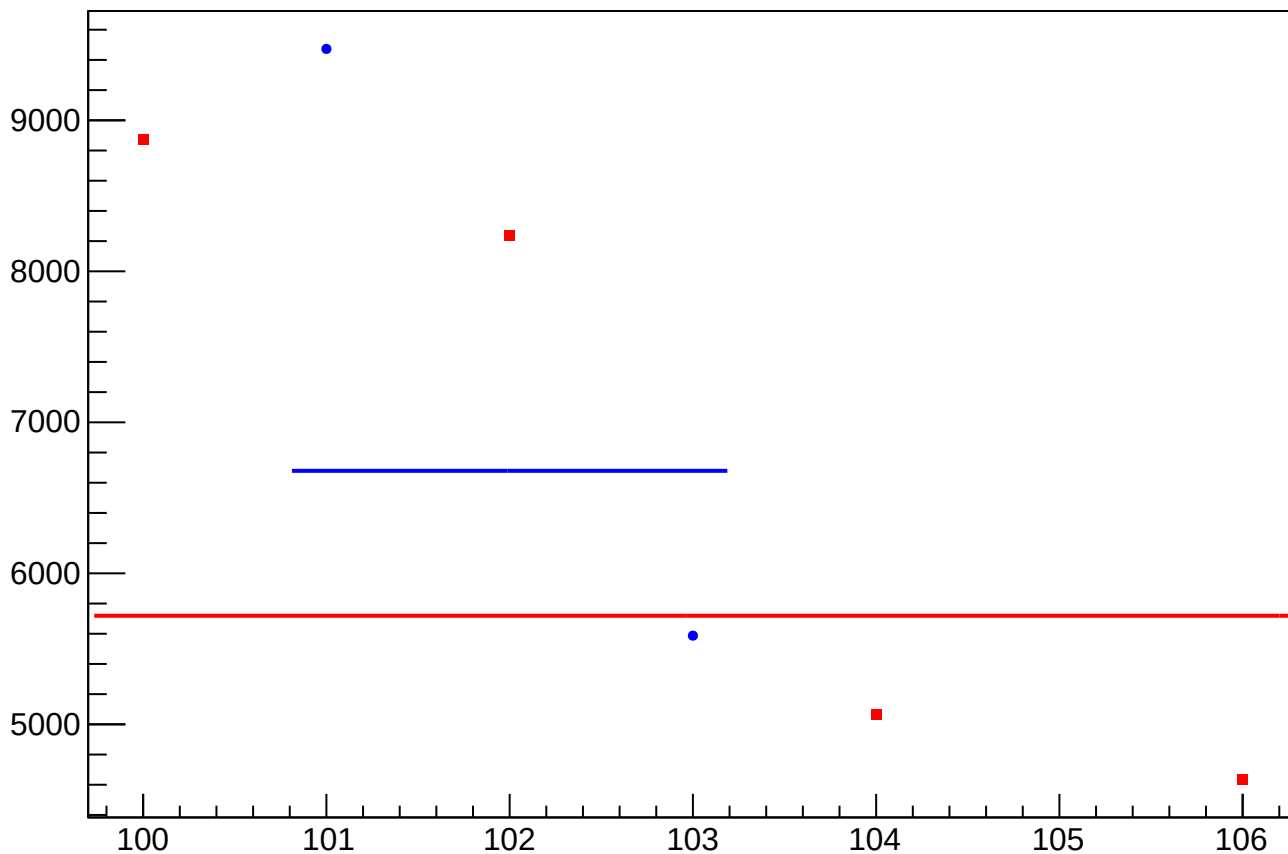
Right: 866.467+/-3909.626 χ^2/NDF : 4.5/5

In: 4637.248+/-6199.416 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.467+/-3909.626 χ^2/NDF : 4.5/5

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 6678.860+/-4.383 χ^2/NDF : 158687.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5719.169+/-3.561 χ^2/NDF : 166348.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

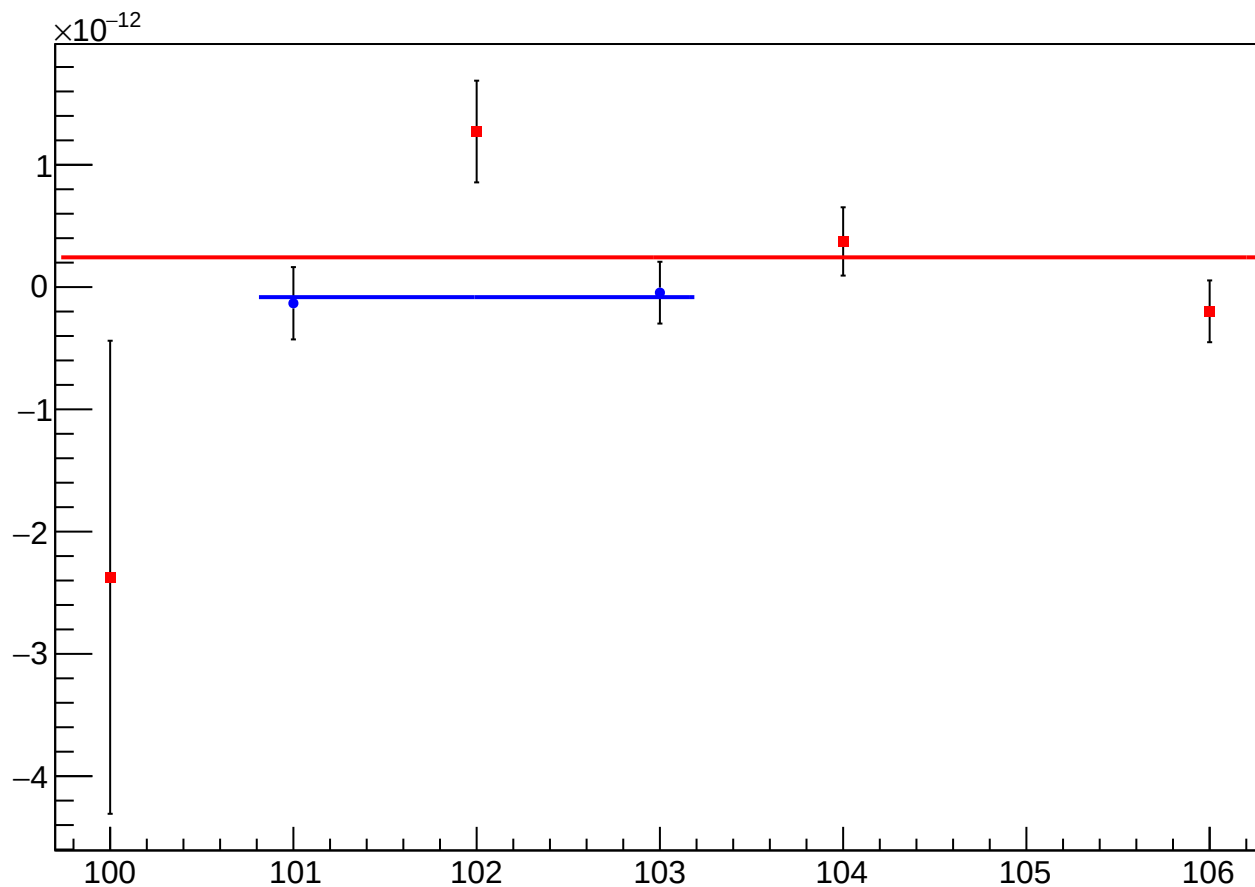
Right: 6100.756+/-2.764 χ^2/NDF : 353908.8/5

In: 6678.860+/-4.383 χ^2/NDF : 158687.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6100.756+/-2.764 χ^2/NDF : 353908.8/5

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

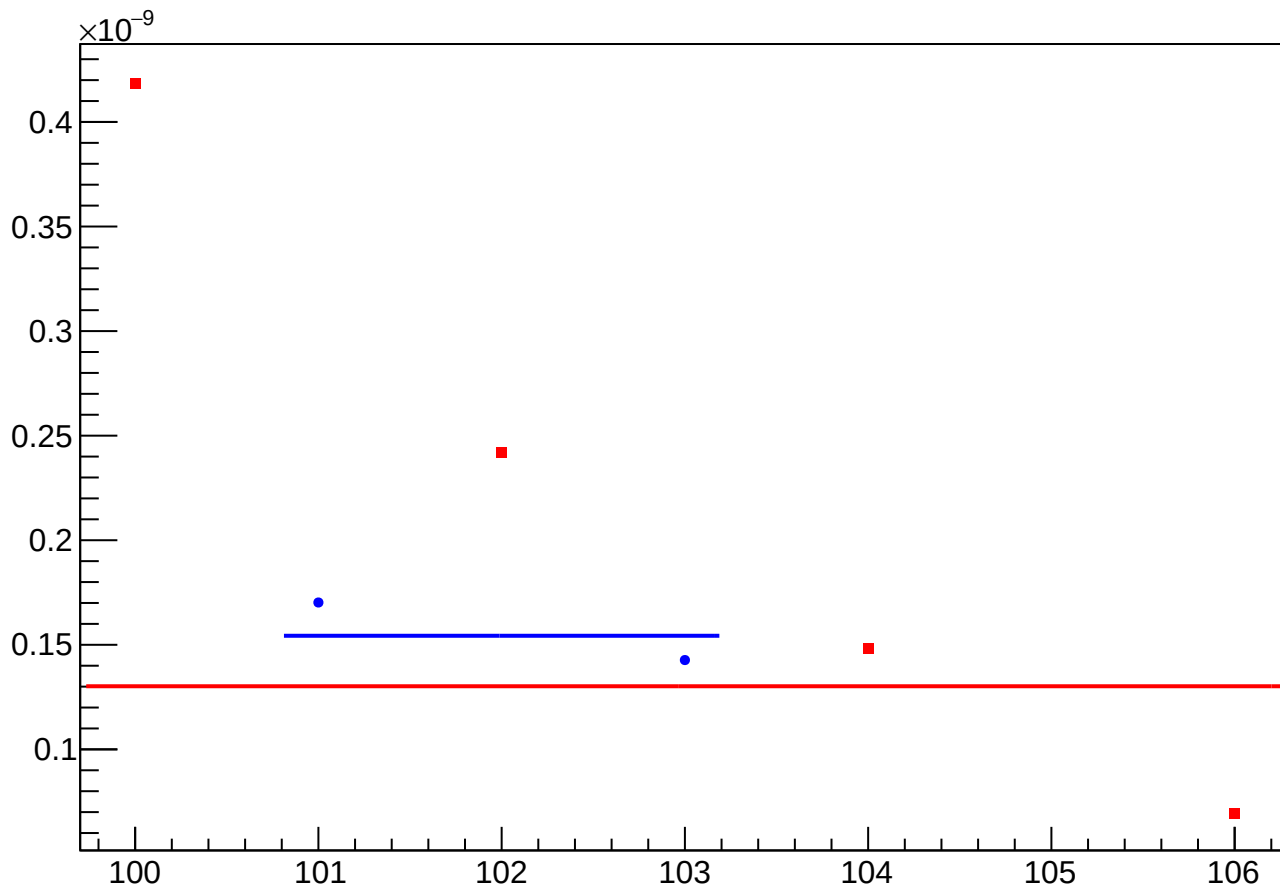
Right: 0.000+/-0.000 χ^2/NDF : 12.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.9/5

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10010.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 312869.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

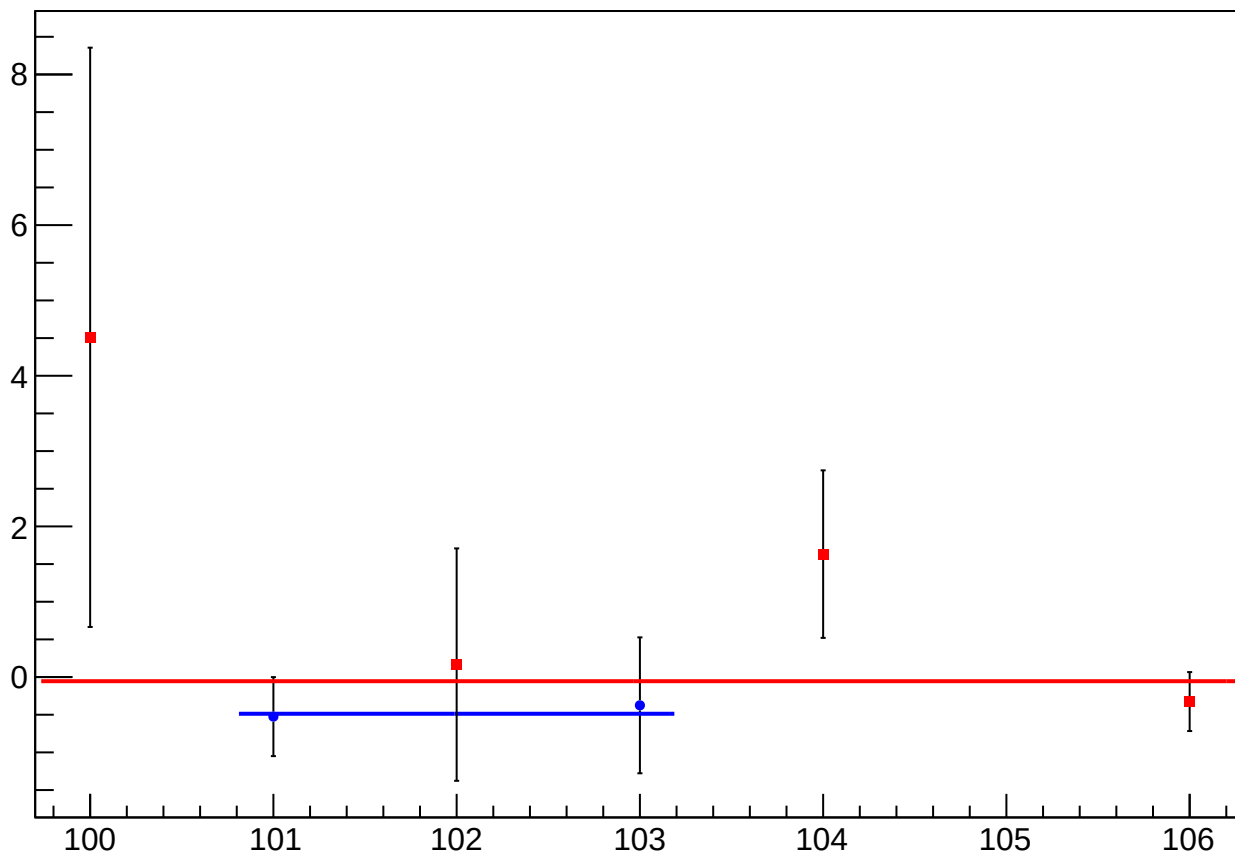
Right: 0.000+/-0.000 χ^2/NDF : 340577.3/5

In: 0.000+/-0.000 χ^2/NDF : 10010.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 340577.3/5

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.358 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

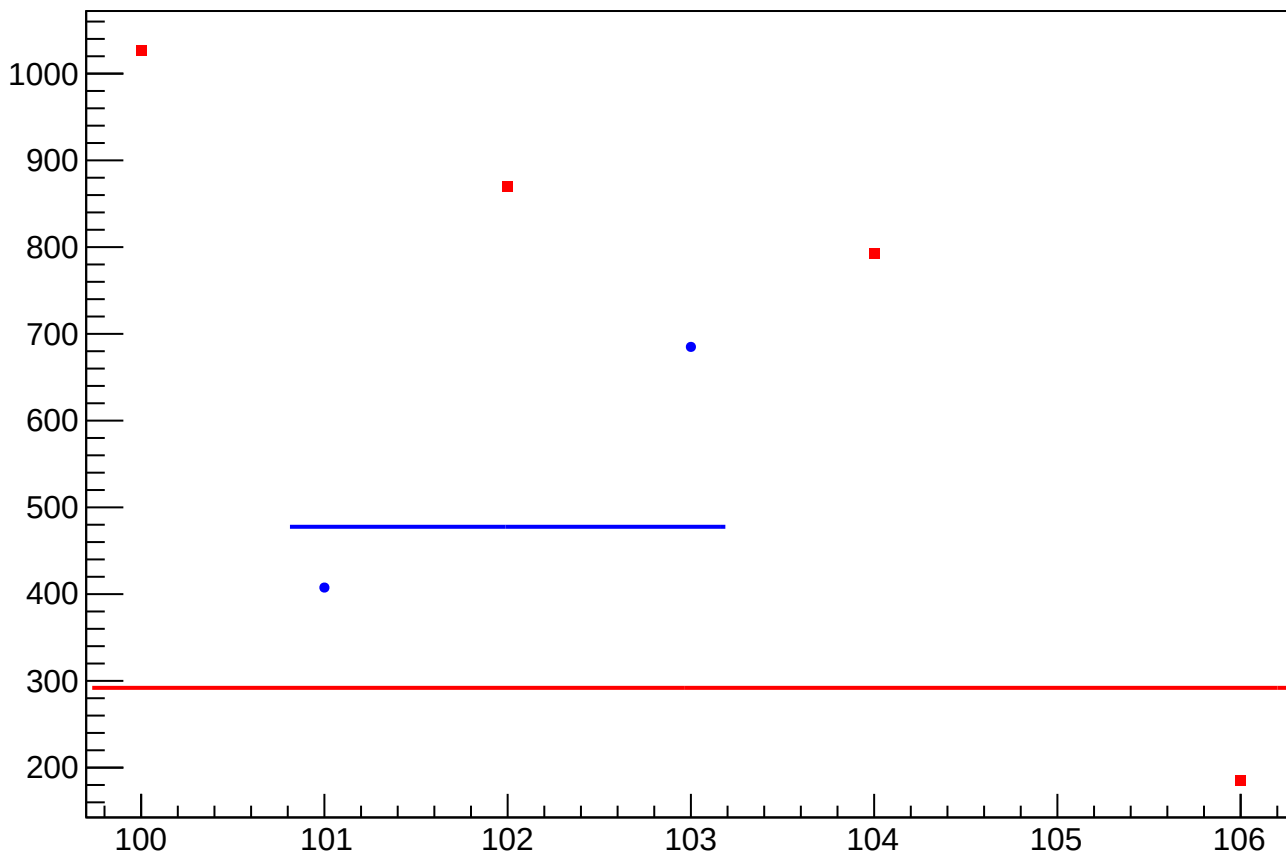
Right: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.967+/-0.253 χ^2/NDF : 908321.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

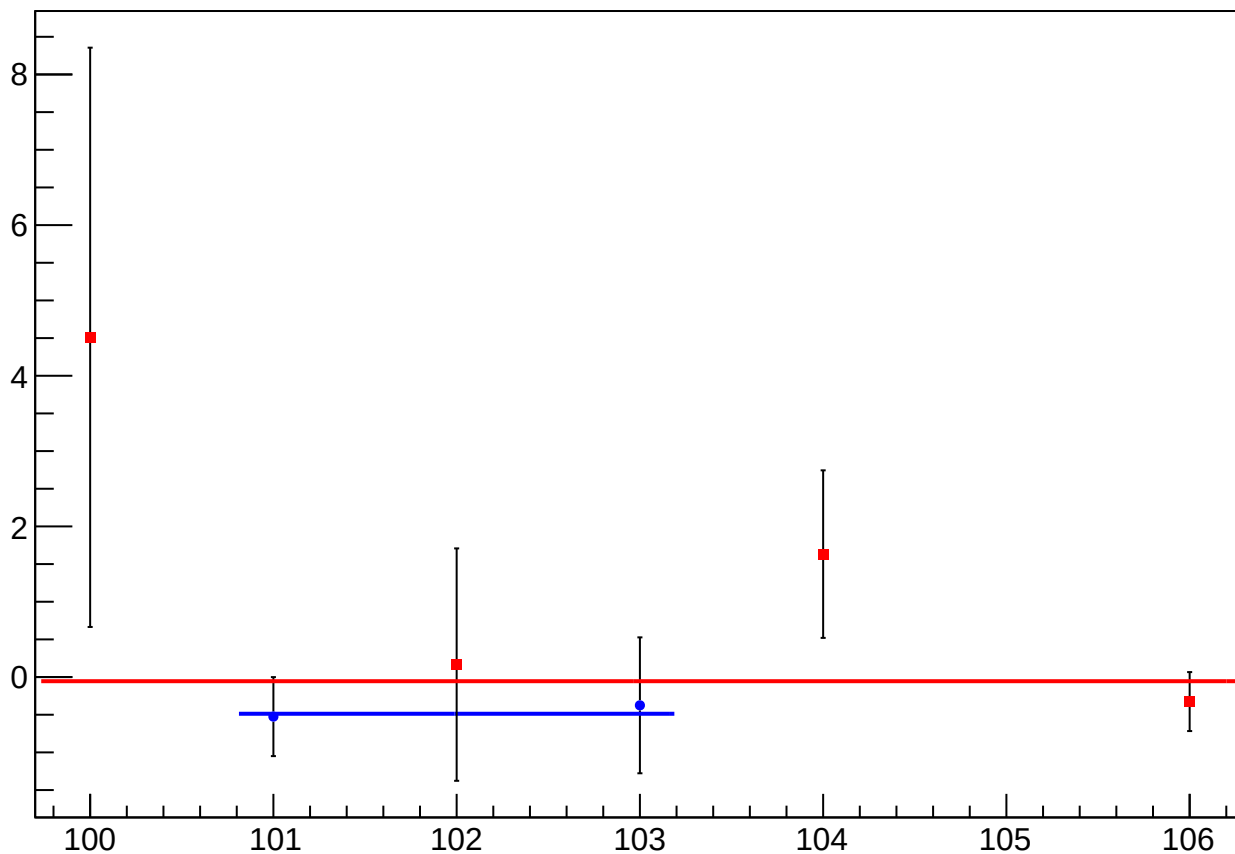
Right: 363.159+/-0.199 χ^2/NDF : 1256461.4/5

In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.159+/-0.199 χ^2/NDF : 1256461.4/5

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.358 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

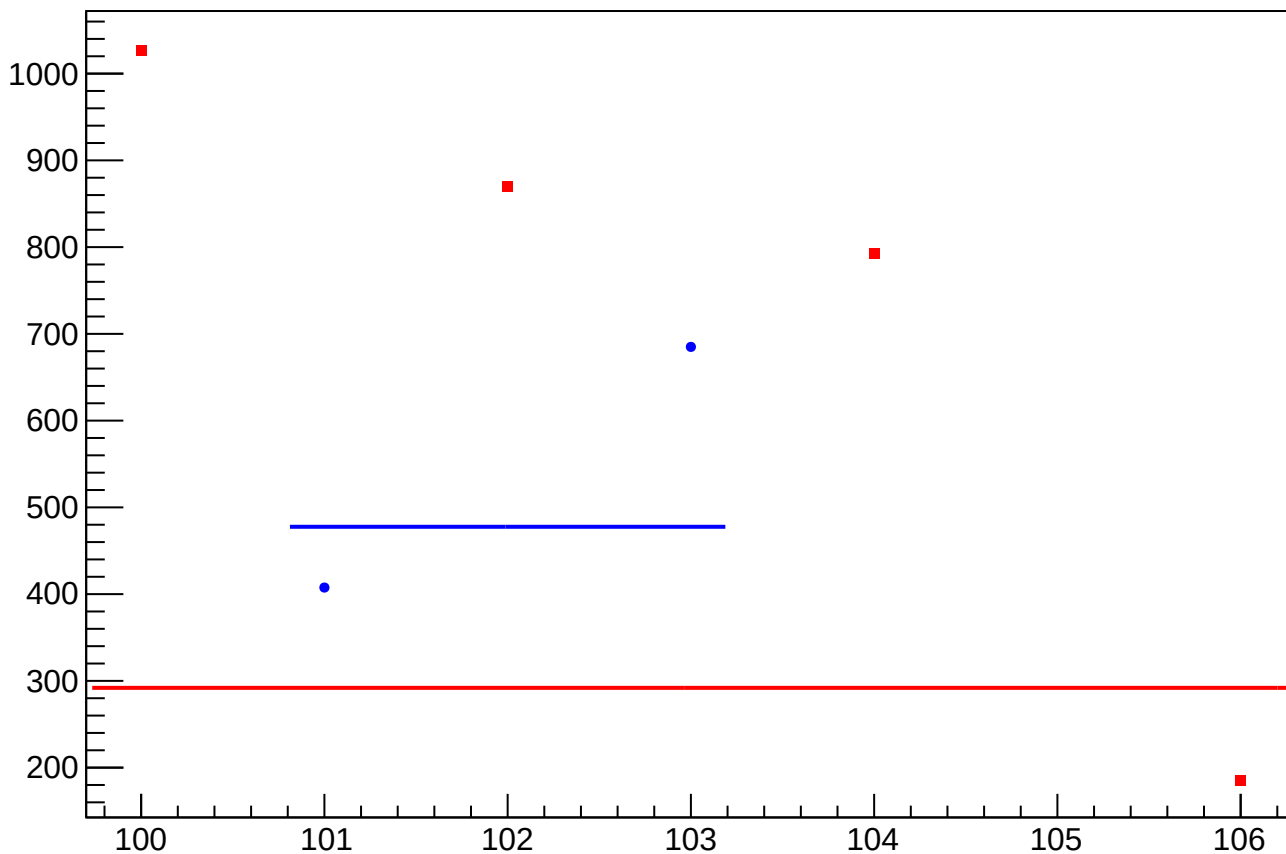
Right: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.967+/-0.253 χ^2/NDF : 908321.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

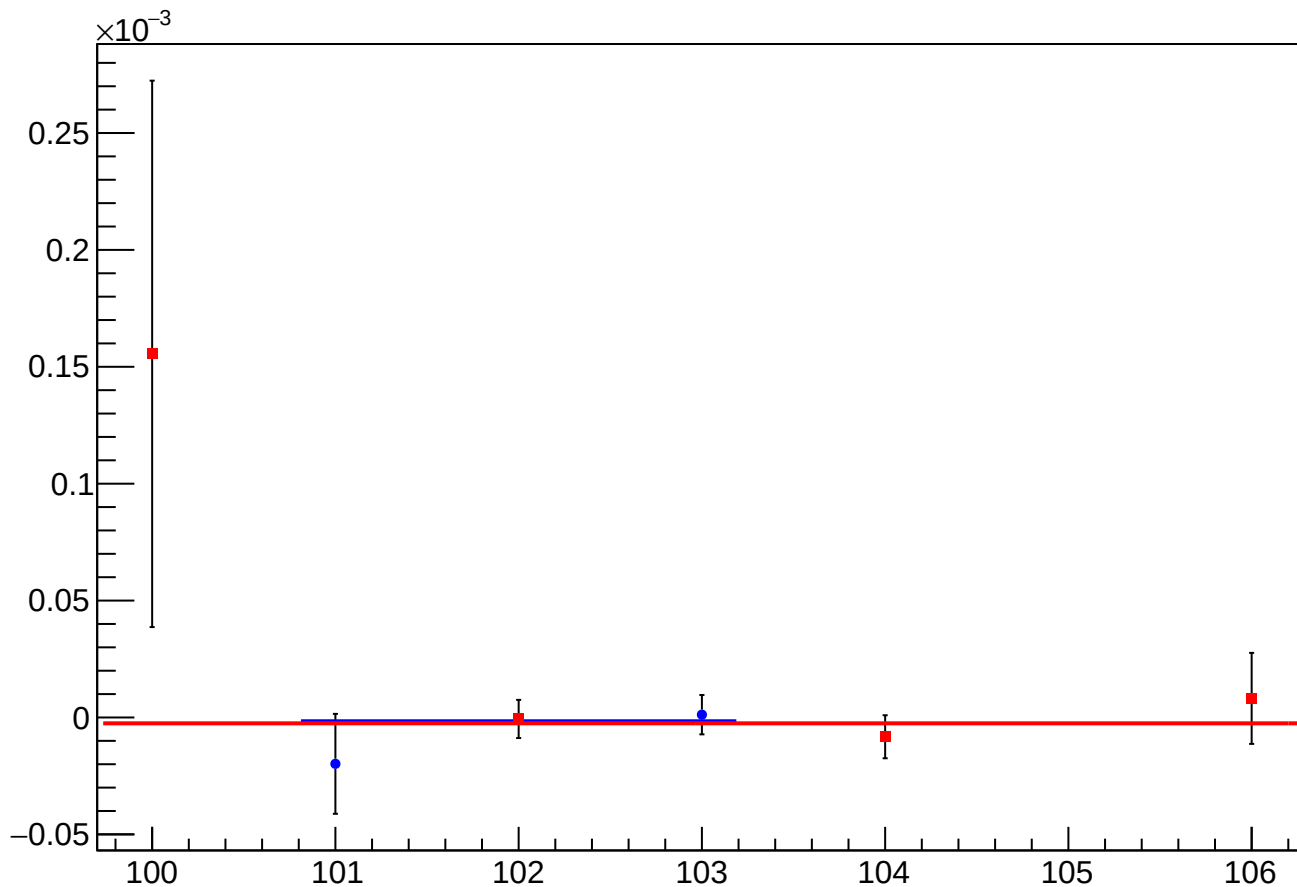
Right: 363.159+/-0.199 χ^2/NDF : 1256461.4/5

In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.159+/-0.199 χ^2/NDF : 1256461.4/5

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

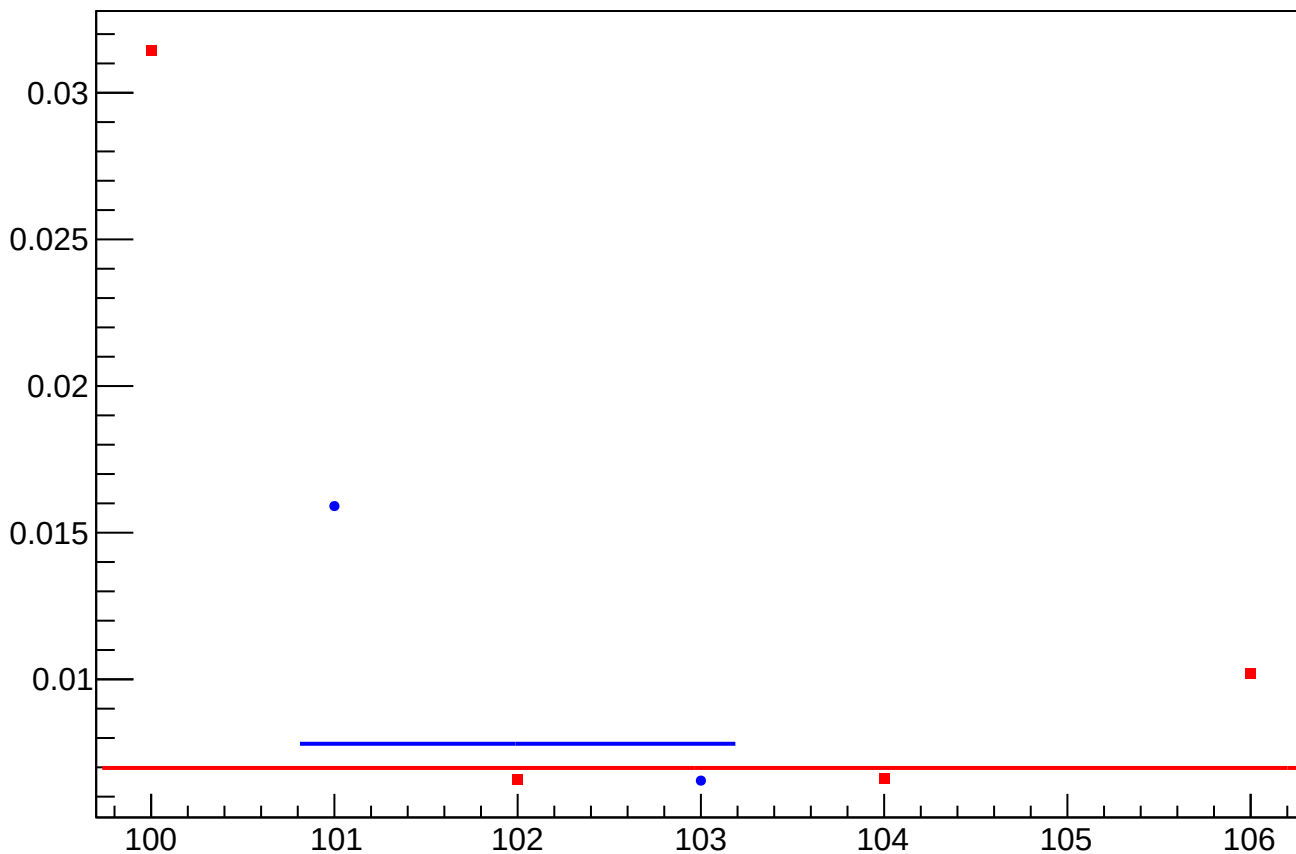
Right: -0.000+/-0.000 χ^2/NDF : 3.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.4/5

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 332217.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 150464.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

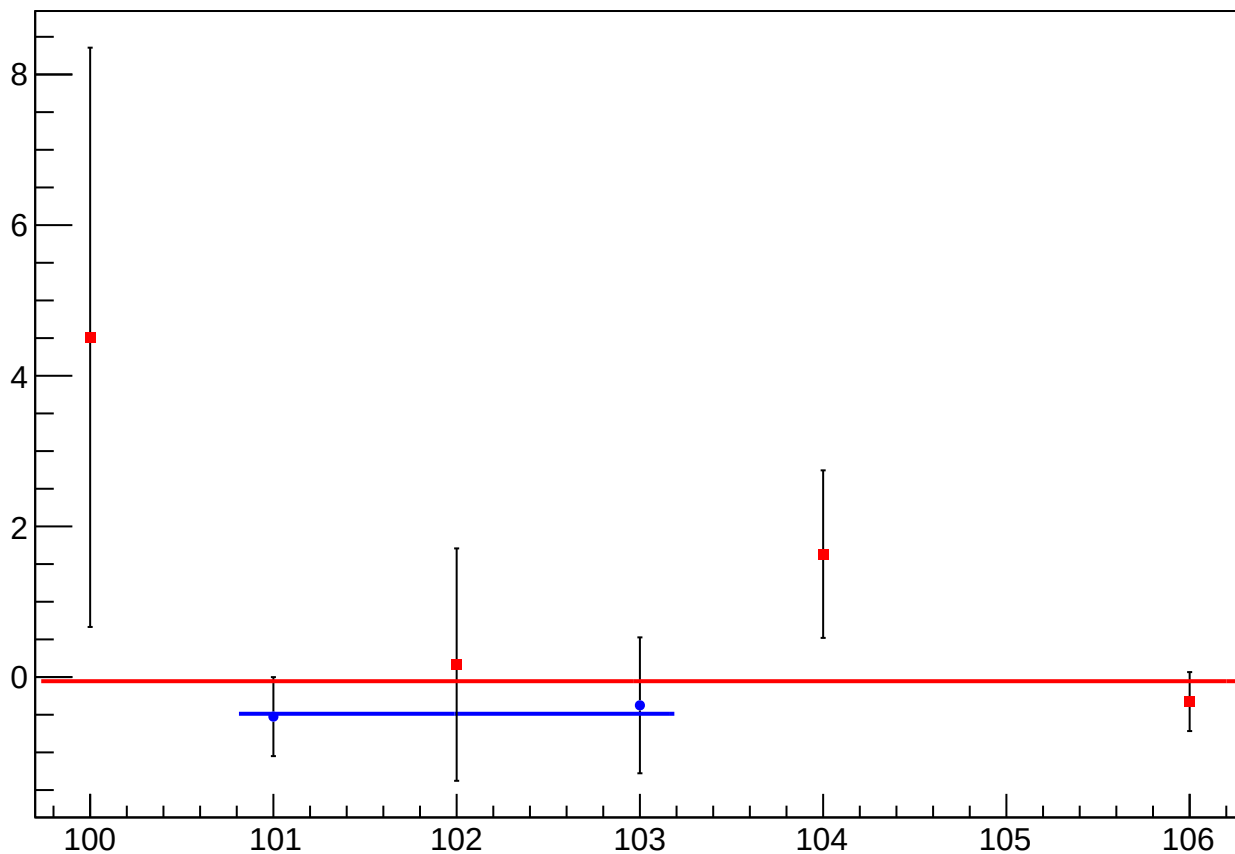
Right: 0.007+/-0.000 χ^2/NDF : 496979.3/5

In: 0.008+/-0.000 χ^2/NDF : 332217.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 496979.3/5

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.358 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

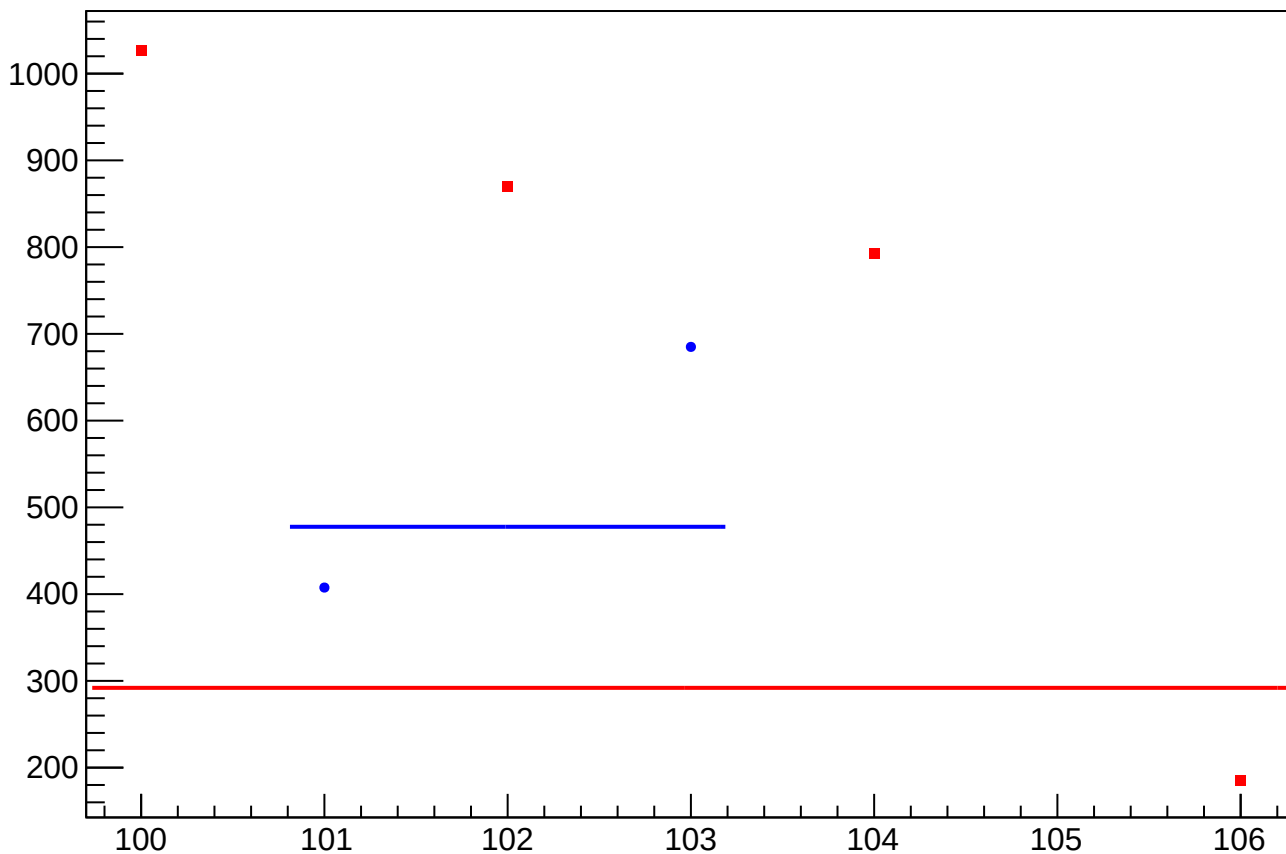
Right: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.966+/-0.253 χ^2/NDF : 908322.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

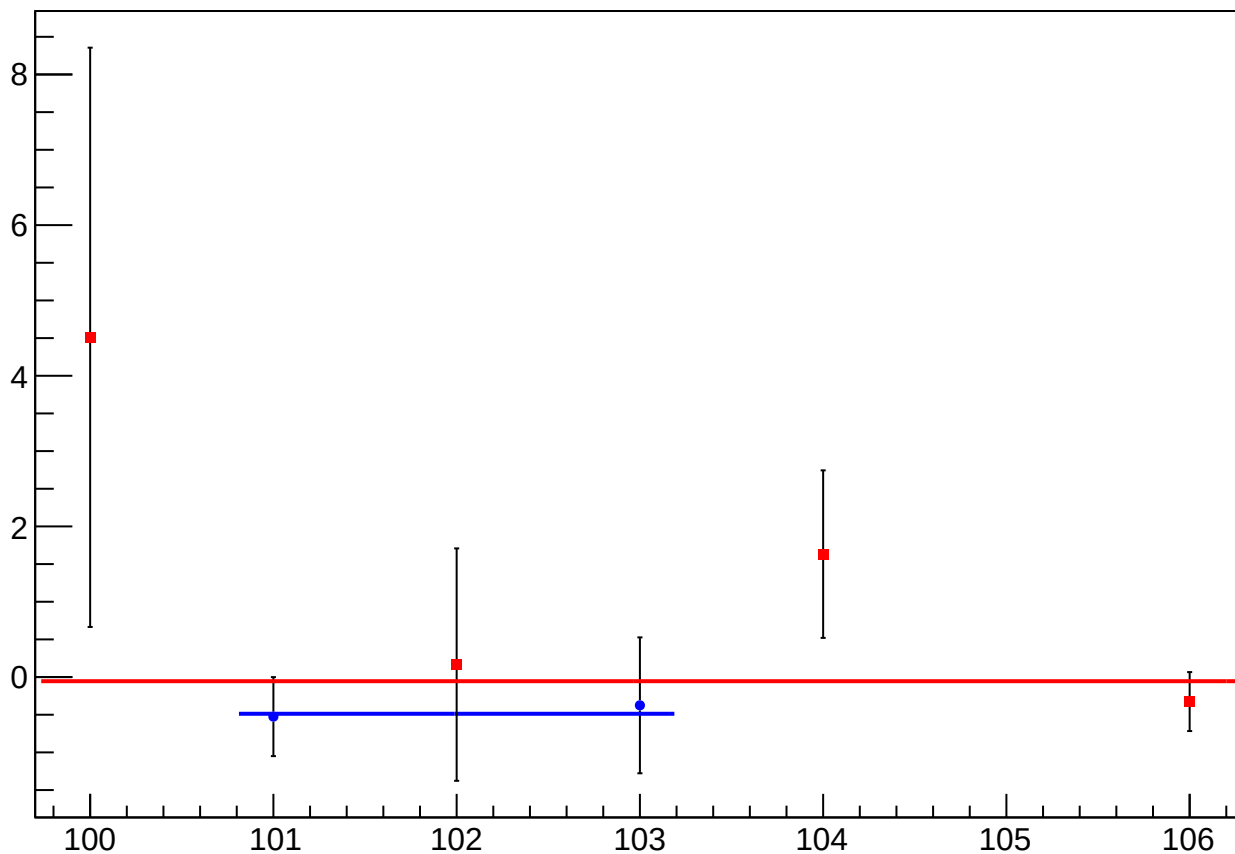
Right: 363.158+/-0.199 χ^2/NDF : 1256460.5/5

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.158+/-0.199 χ^2/NDF : 1256460.5/5

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 $\pm$ 0.453 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.055 $\pm$ 0.358 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

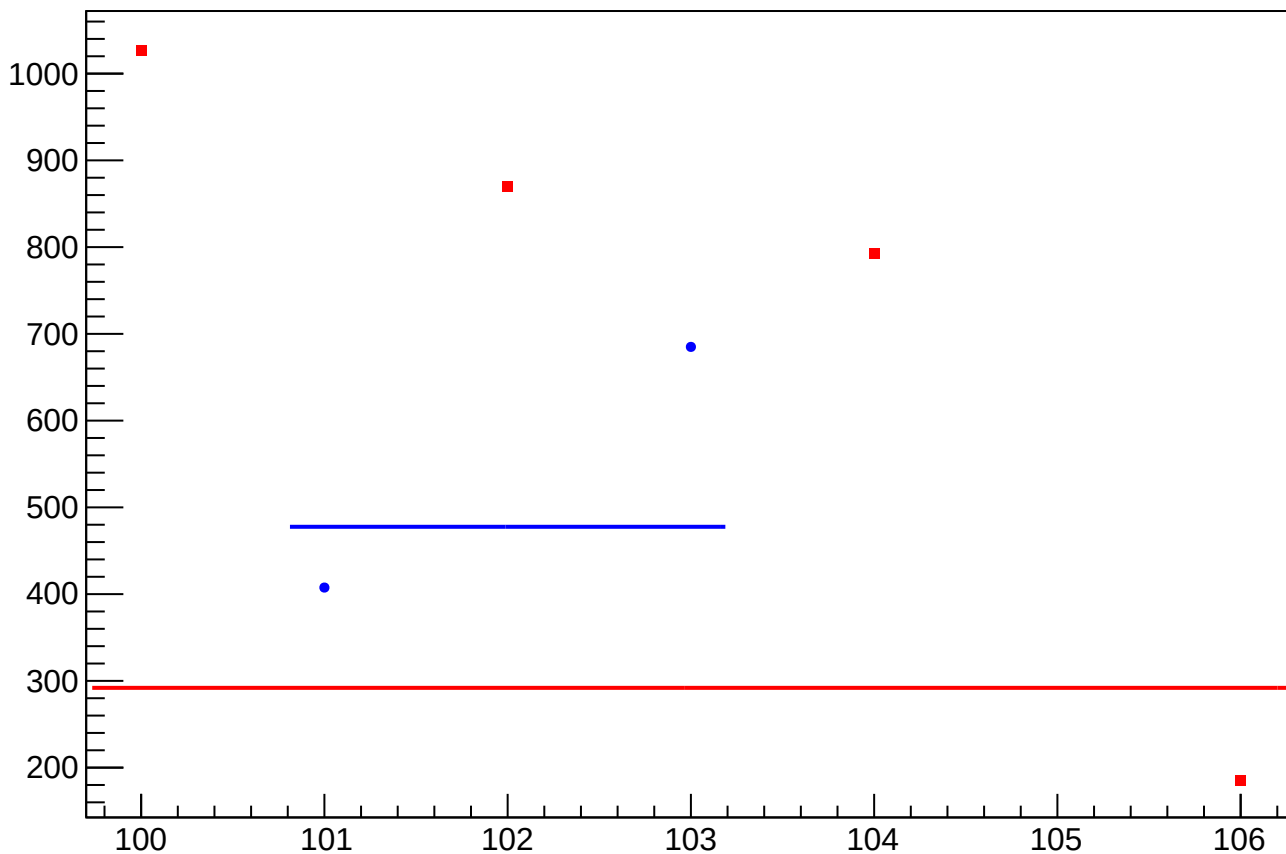
Right: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

In: -0.487 $\pm$ 0.453 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.221 $\pm$ 0.281 χ^2 /NDF: 4.8/5

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 291.966+/-0.253 χ^2/NDF : 908322.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

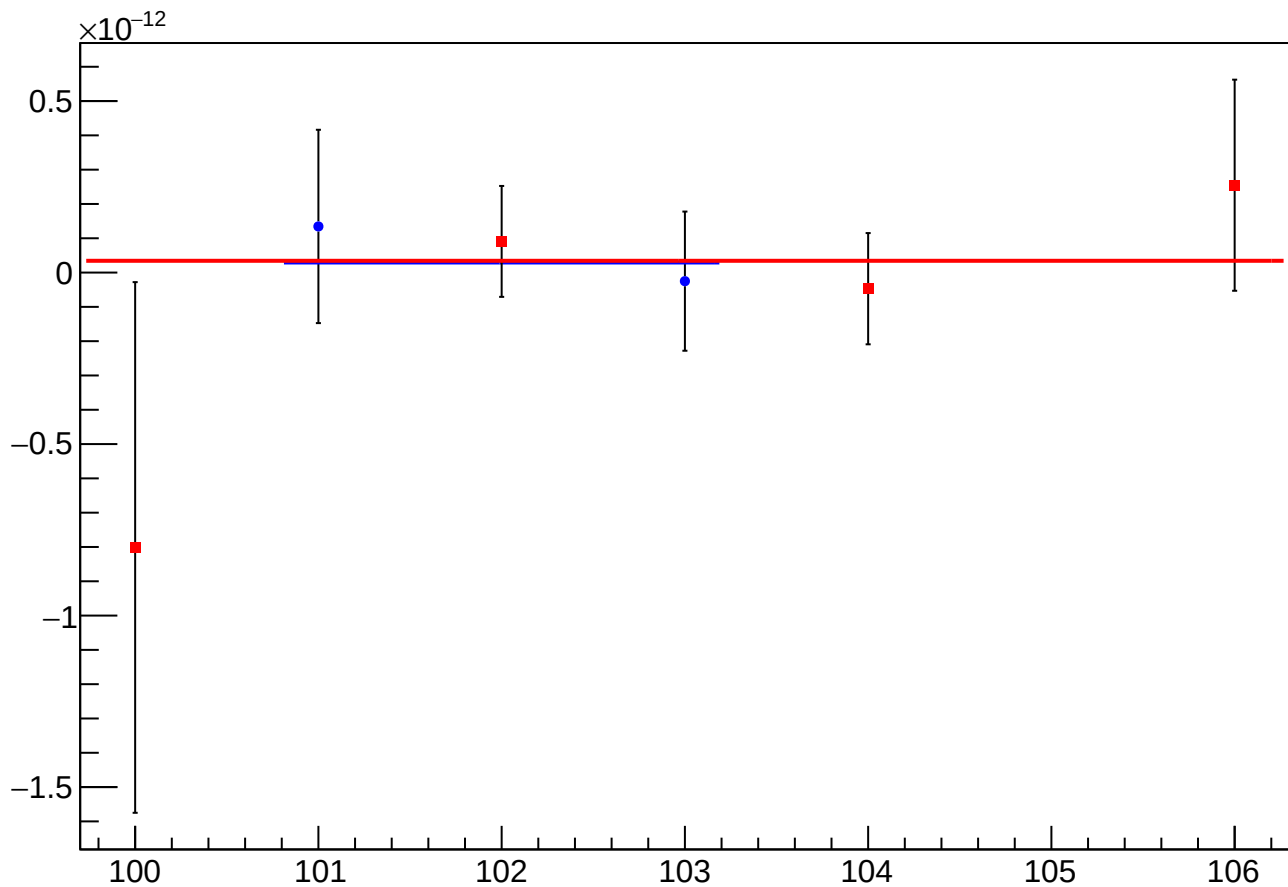
Right: 363.158+/-0.199 χ^2/NDF : 1256460.5/5

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.158+/-0.199 χ^2/NDF : 1256460.5/5

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

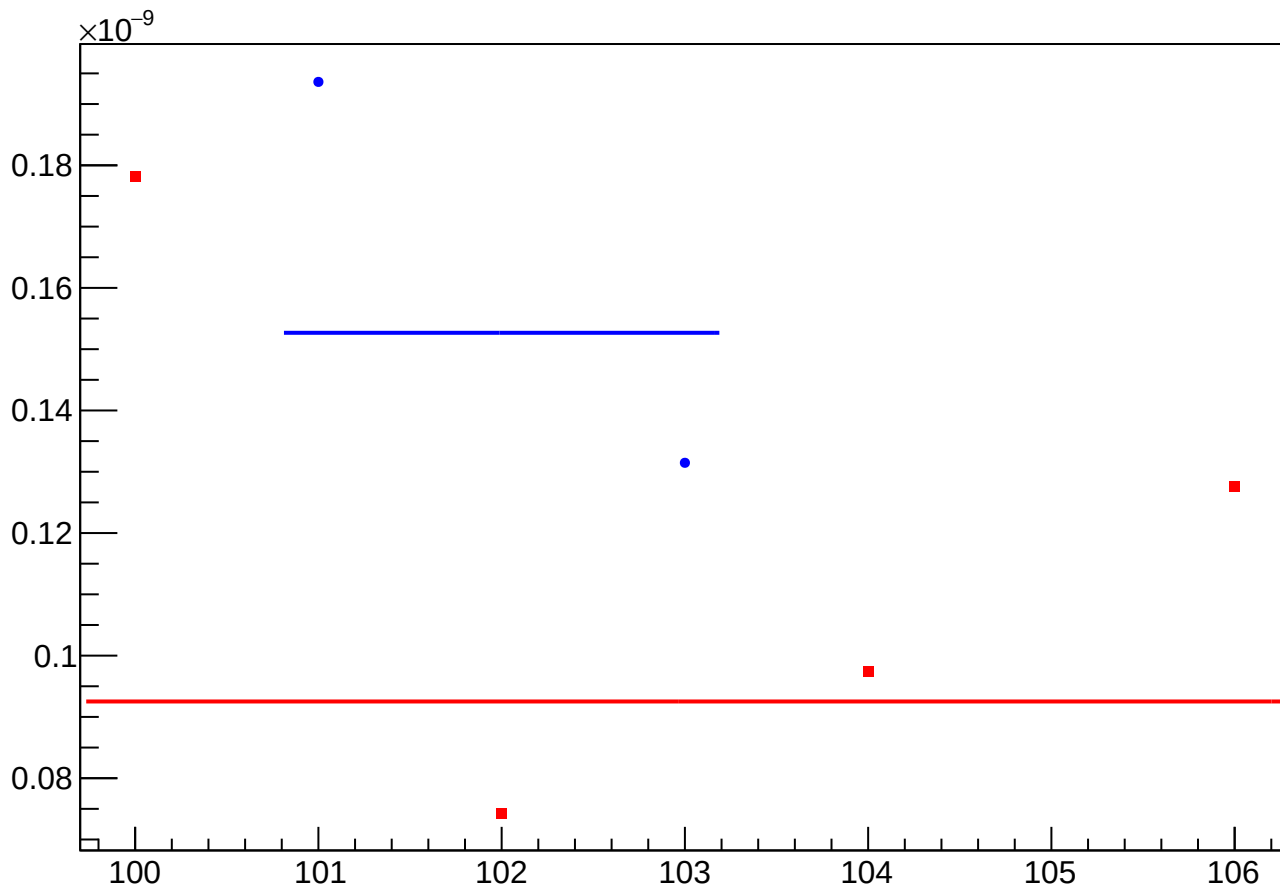
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/5

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 64067.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 77663.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

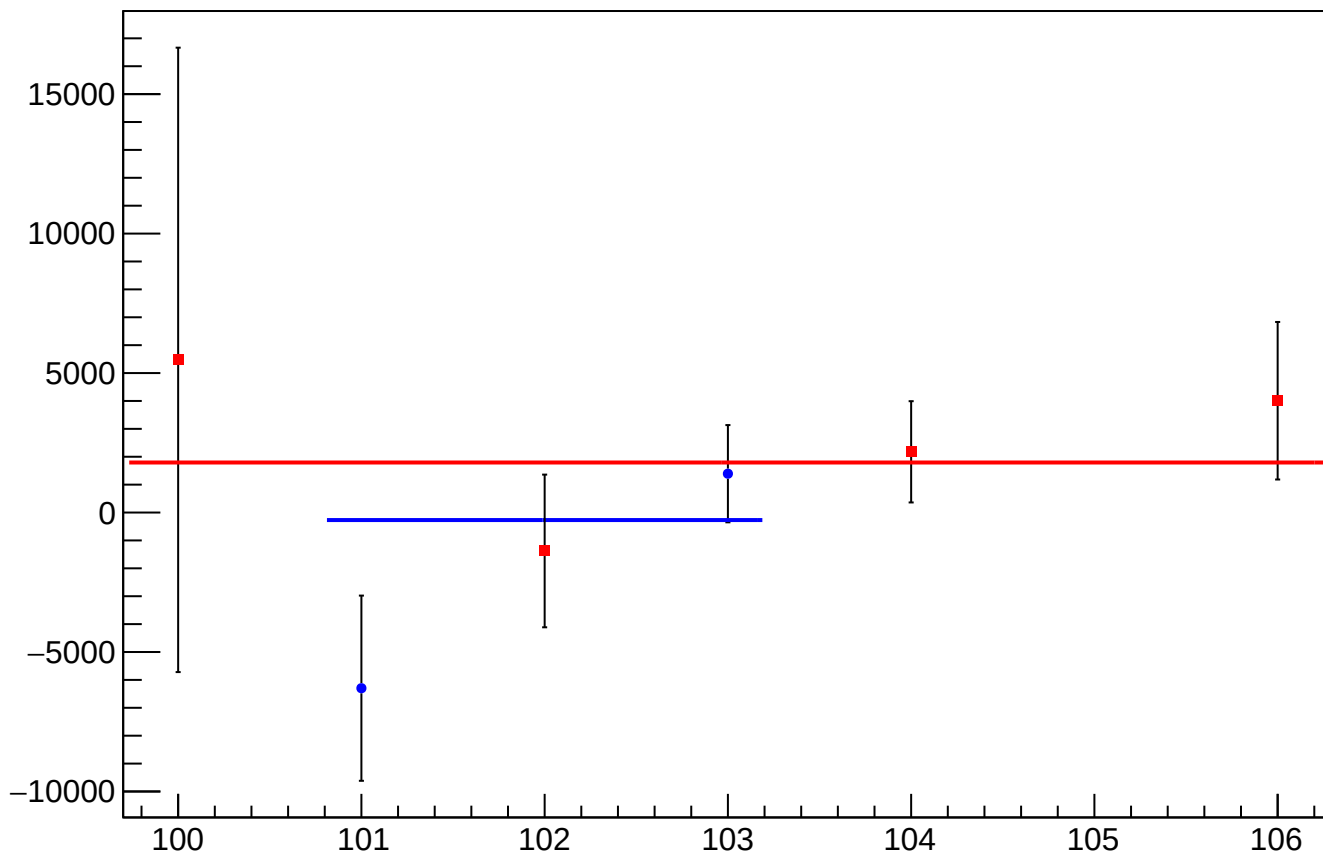
Right: 0.000+/-0.000 χ^2/NDF : 330184.0/5

In: 0.000+/-0.000 χ^2/NDF : 64067.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 330184.0/5

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -269.653+/-1543.336 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1793.677+/-1324.062 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

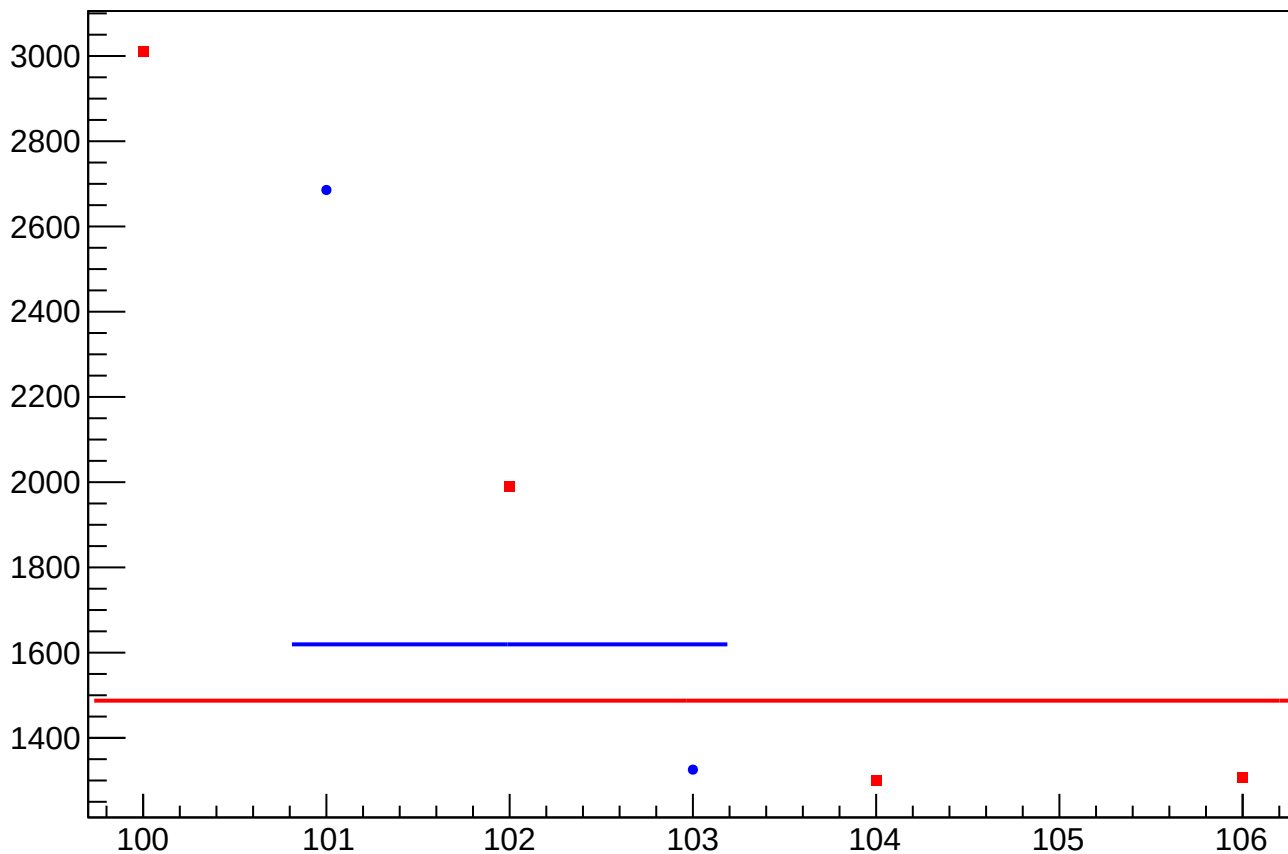
Right: 918.881+/-1004.916 χ^2/NDF : 7.3/5

In: -269.653+/-1543.336 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.881+/-1004.916 χ^2/NDF : 7.3/5

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.435+/-1.091 χ^2 /NDF: 263170.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1487.341+/-0.936 χ^2 /NDF: 133845.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

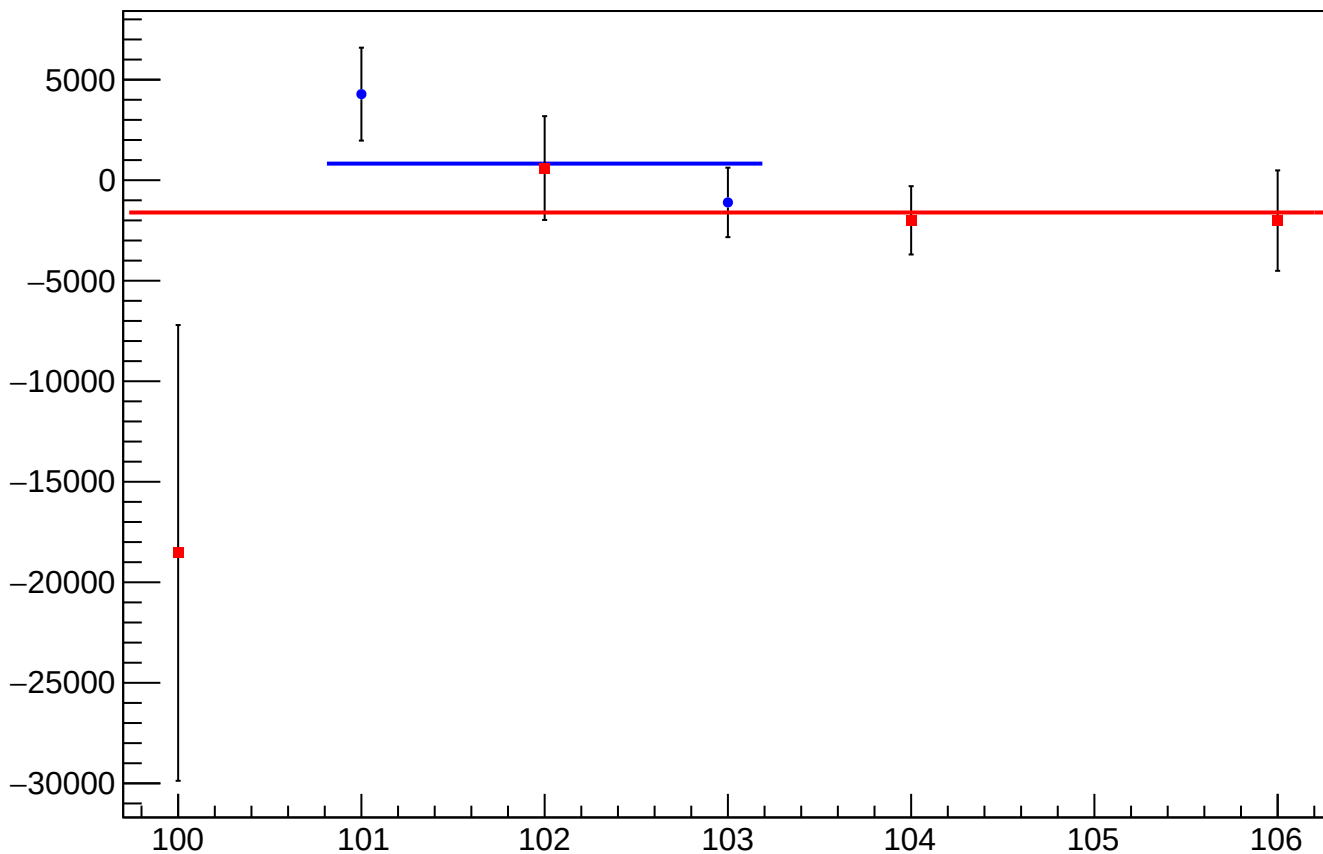
Right: 1543.345+/-0.711 χ^2 /NDF: 405455.4/5

In: 1619.435+/-1.091 χ^2 /NDF:263170.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1543.345+/-0.711 χ^2 /NDF: 405455.4/5

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 825.410 $\pm$ 1383.727 χ^2 /NDF: 3.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1606.437 $\pm$ 1226.469 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

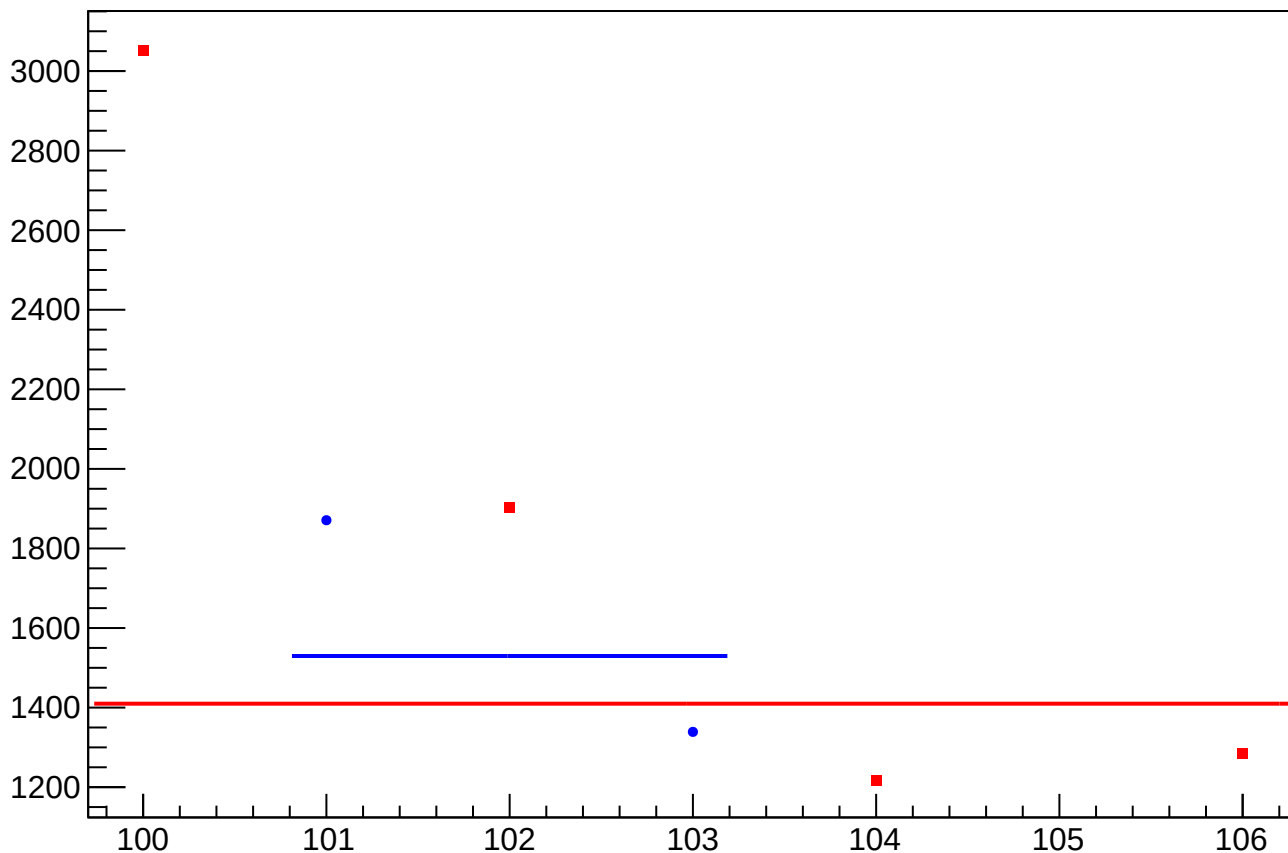
Right: -536.497 $\pm$ 917.830 χ^2 /NDF: 8.3/5

In: 825.410 $\pm$ 1383.727 χ^2 /NDF:3.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -536.497 $\pm$ 917.830 χ^2 /NDF: 8.3/5

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1529.683+/-0.978 χ^2/NDF : 67982.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.854+/-0.867 χ^2/NDF : 146066.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

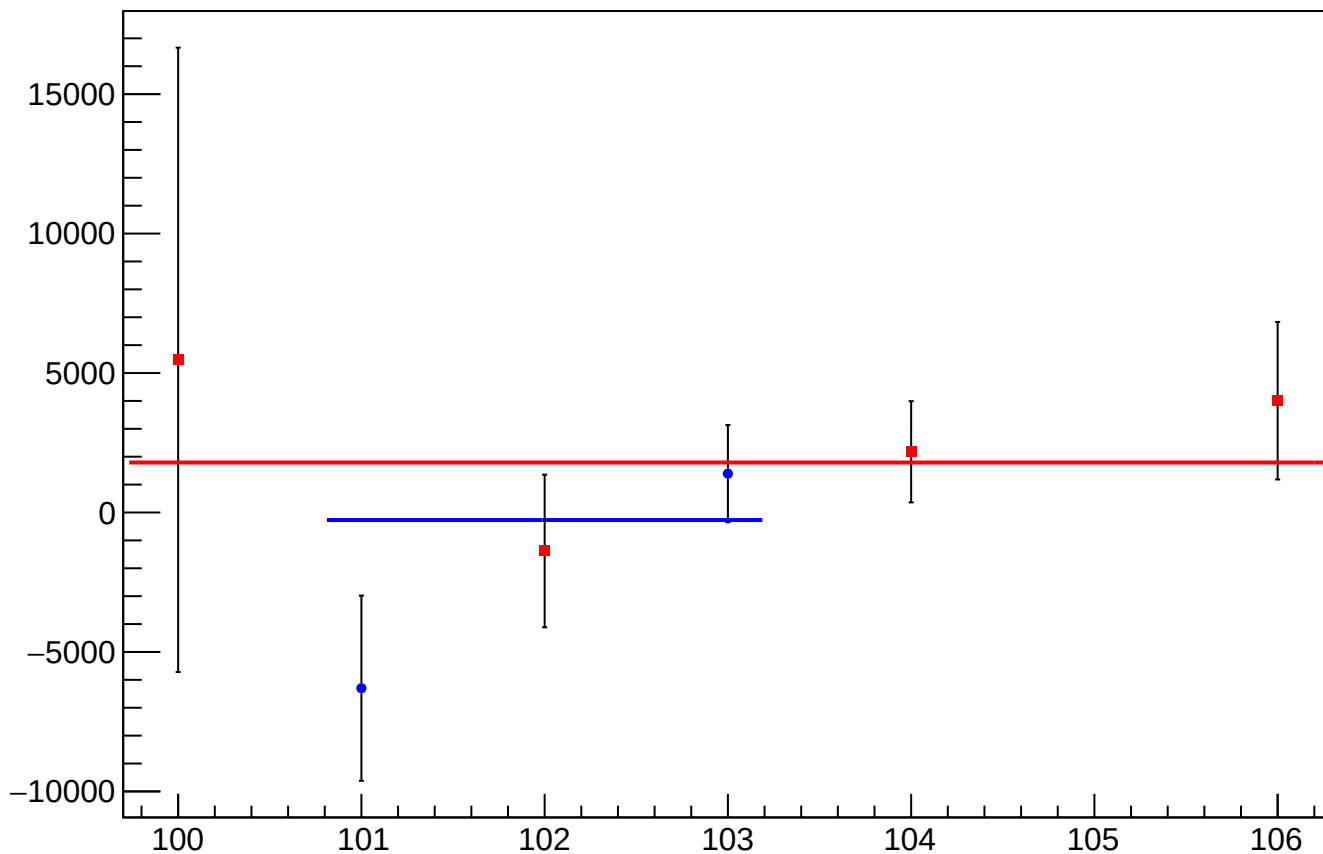
Right: 1462.575+/-0.649 χ^2/NDF : 222448.6/5

In: 1529.683+/-0.978 χ^2/NDF : 67982.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.575+/-0.649 χ^2/NDF : 222448.6/5

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.956+/-1324.062 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

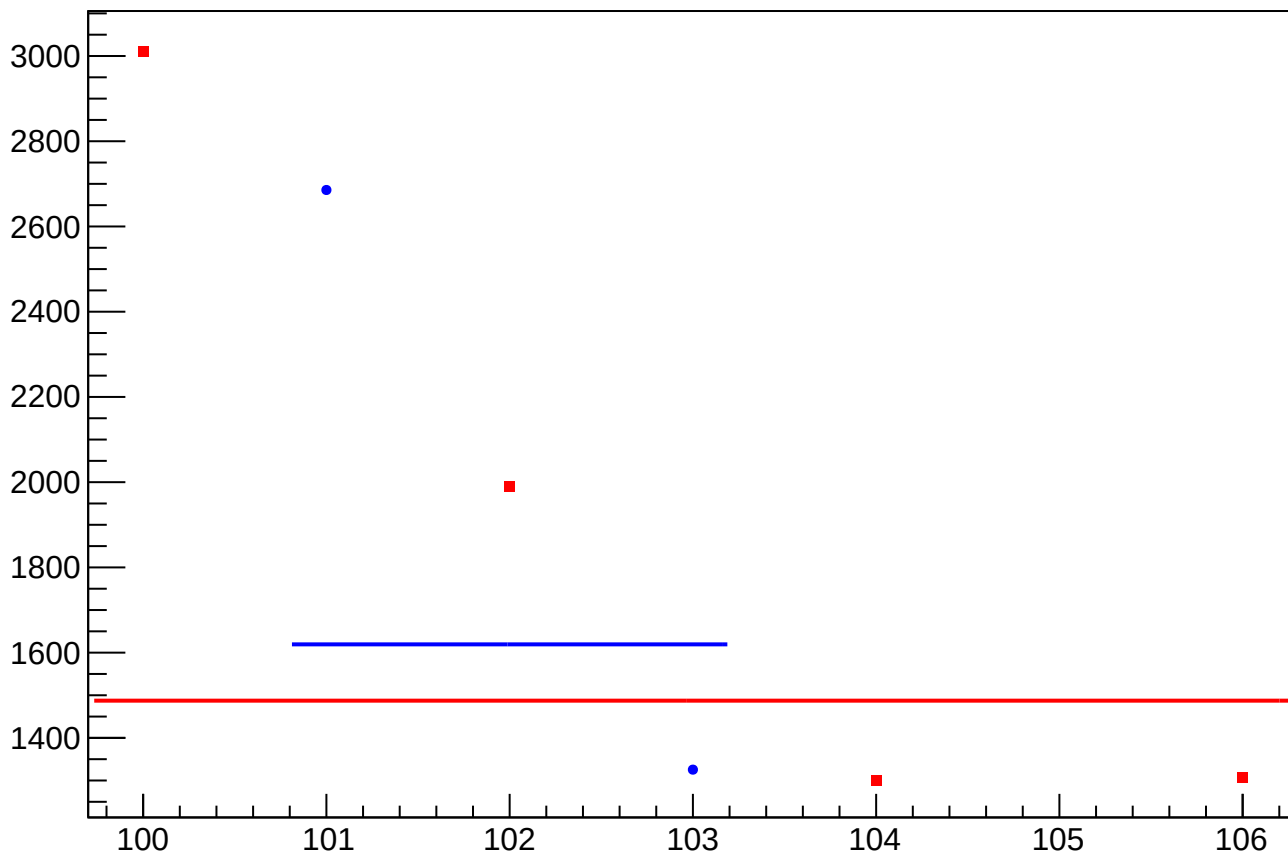
Right: 918.200+/-1004.916 χ^2/NDF : 7.3/5

In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.200+/-1004.916 χ^2/NDF : 7.3/5

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.340+/-0.936 χ^2/NDF : 133845.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

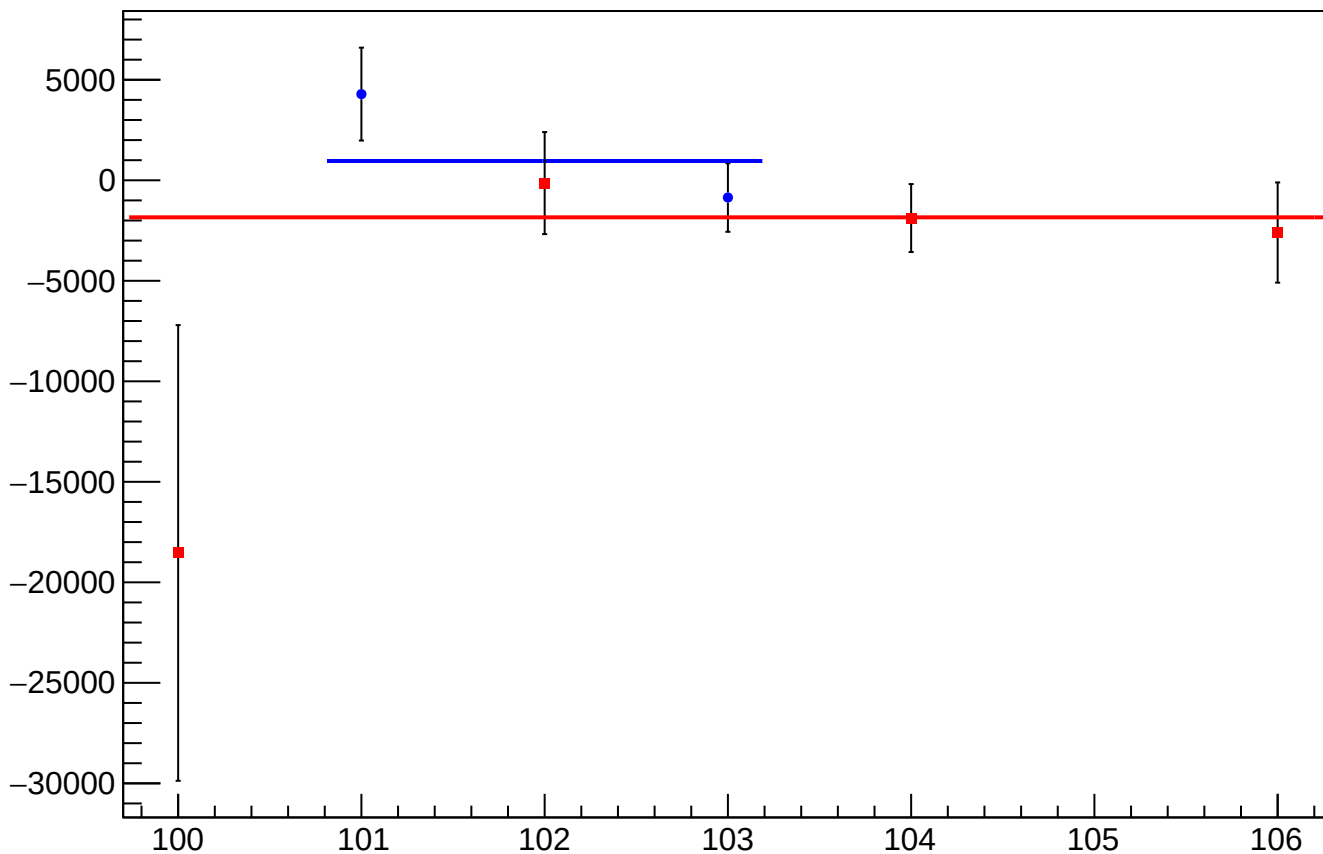
Right: 1543.343+/-0.711 χ^2/NDF : 405455.3/5

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.343+/-0.711 χ^2/NDF : 405455.3/5

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.849 $\pm$ 1372.582 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1842.566 $\pm$ 1218.311 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

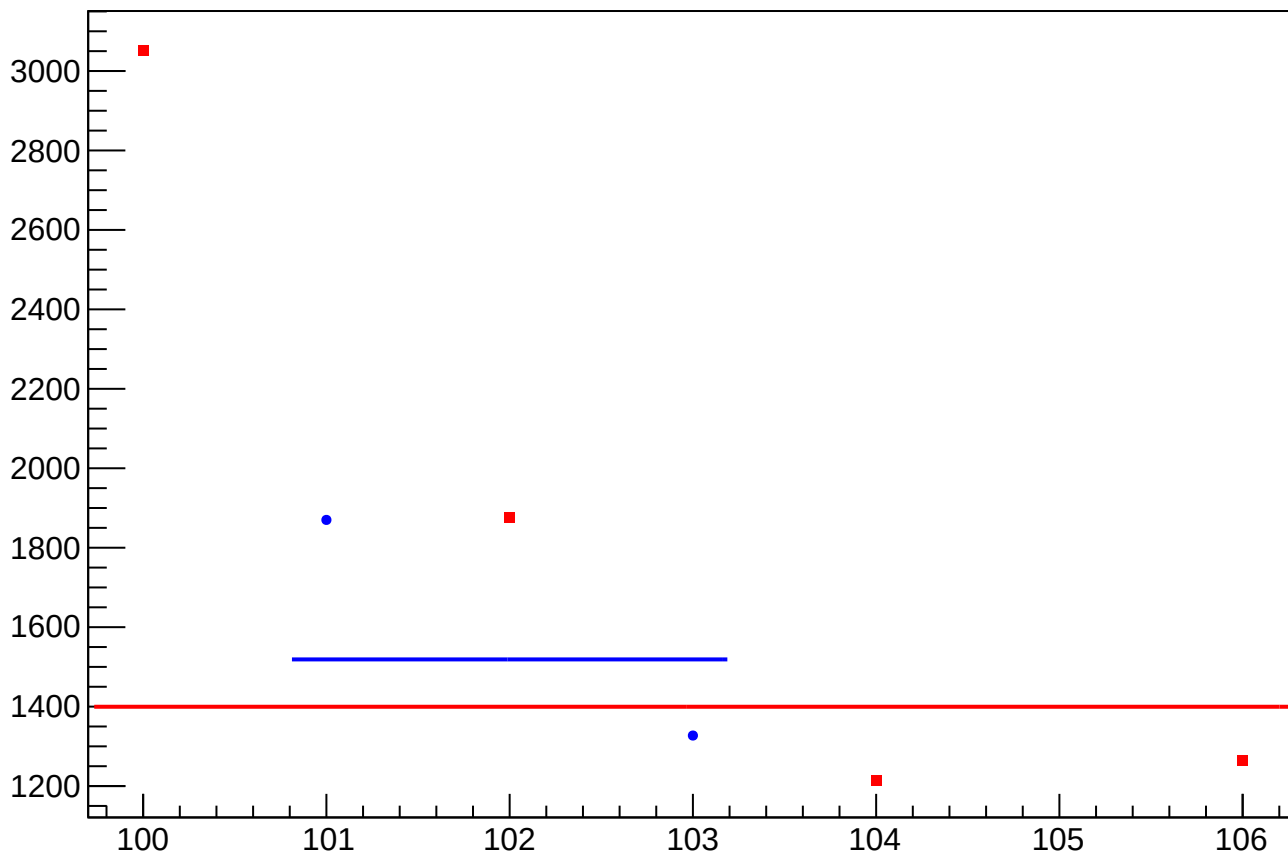
Right: -607.635 $\pm$ 911.157 χ^2 /NDF: 8.3/5

In: 959.849 $\pm$ 1372.582 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -607.635 $\pm$ 911.157 χ^2 /NDF: 8.3/5

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1518.837+/-0.971 χ^2 /NDF: 71443.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1399.678+/-0.861 χ^2 /NDF: 142488.8/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

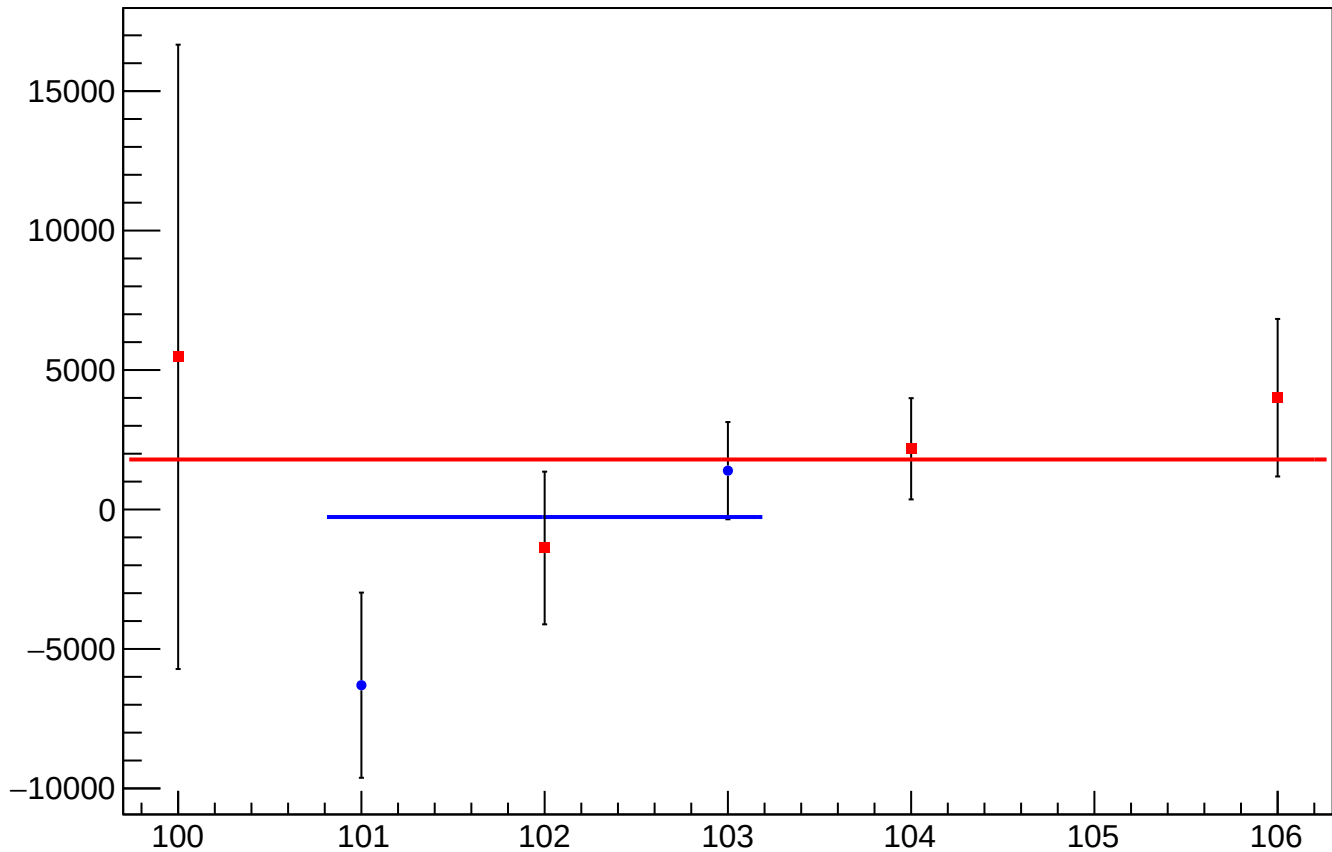
Right: 1452.188+/-0.644 χ^2 /NDF: 222362.8/5

In: 1518.837+/-0.971 χ^2 /NDF: 71443.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1452.188+/-0.644 χ^2 /NDF: 222362.8/5

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.956+/-1324.062 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

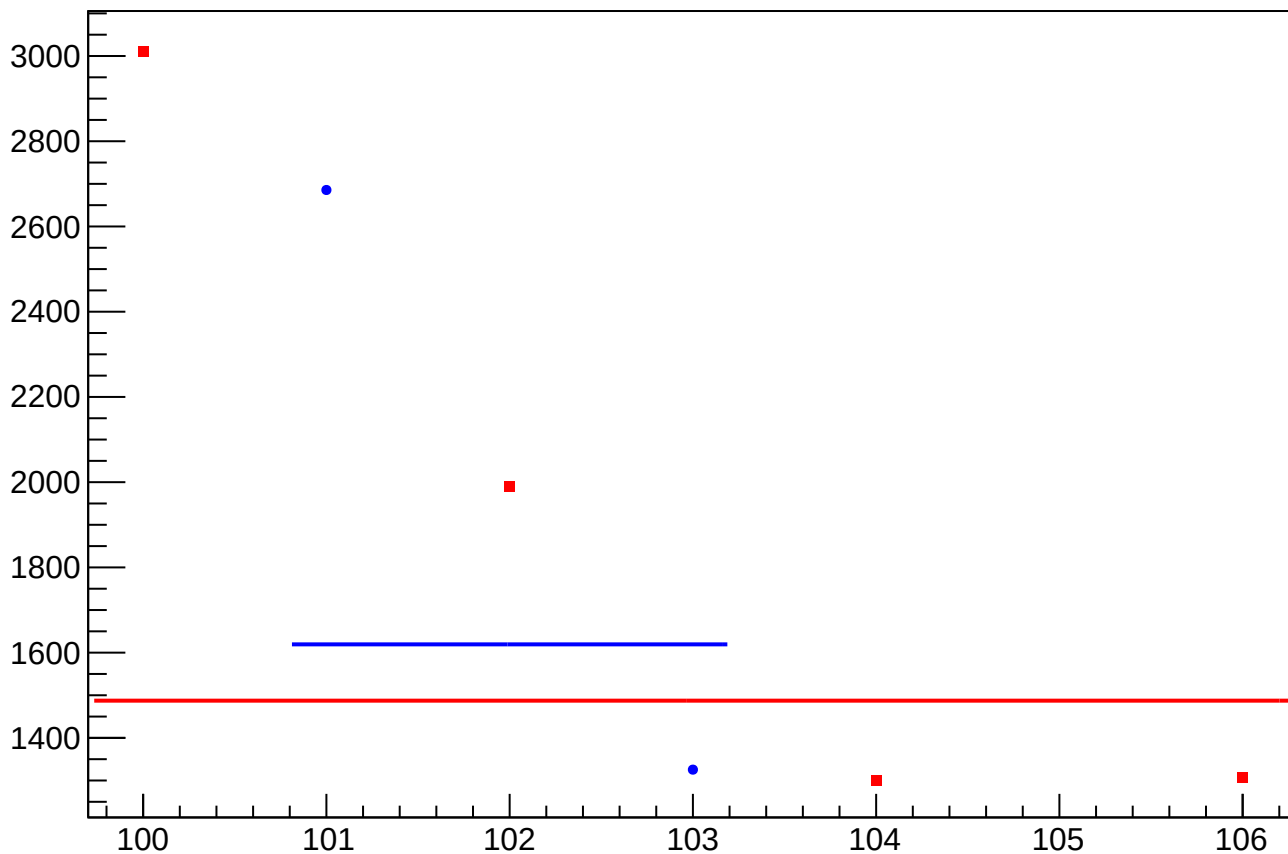
Right: 918.200+/-1004.916 χ^2/NDF : 7.3/5

In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.200+/-1004.916 χ^2/NDF : 7.3/5

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1487.340+/-0.936 χ^2/NDF : 133845.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

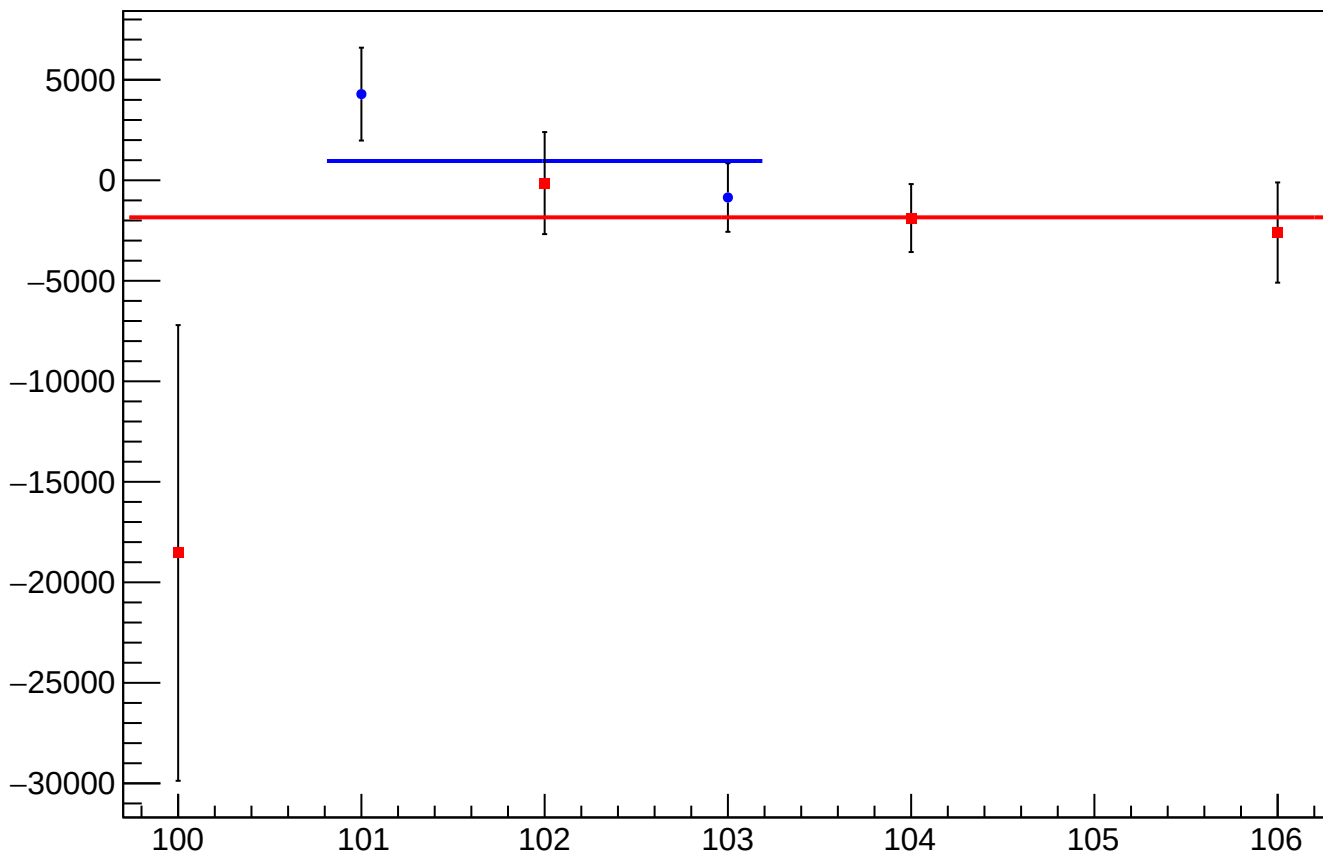
Right: 1543.343+/-0.711 χ^2/NDF : 405455.3/5

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.343+/-0.711 χ^2/NDF : 405455.3/5

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1842.566+/-1218.311 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

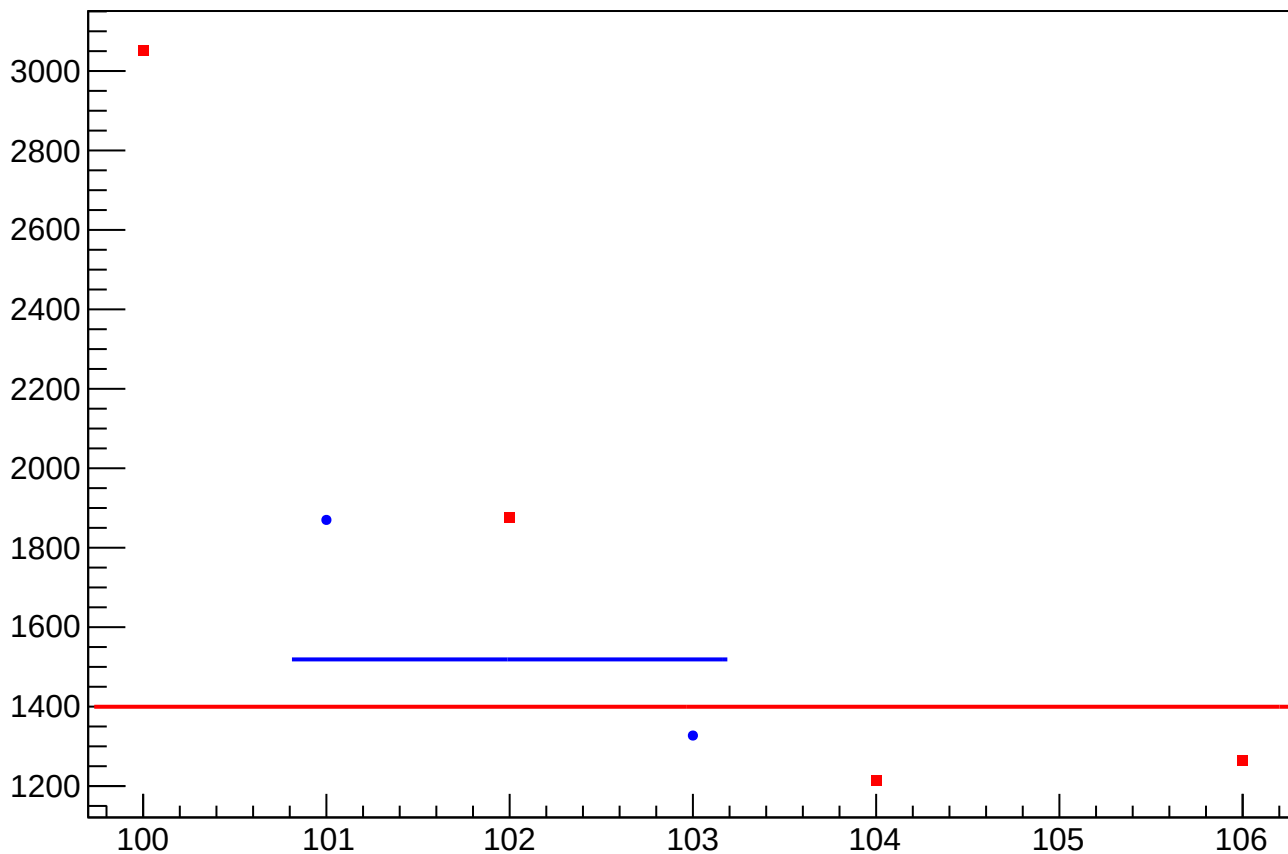
Right: -607.635+/-911.157 χ^2/NDF : 8.3/5

In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -607.635+/-911.157 χ^2/NDF : 8.3/5

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1518.837 $\pm$ 0.971 χ^2 /NDF: 71443.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1399.678 $\pm$ 0.861 χ^2 /NDF: 142488.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

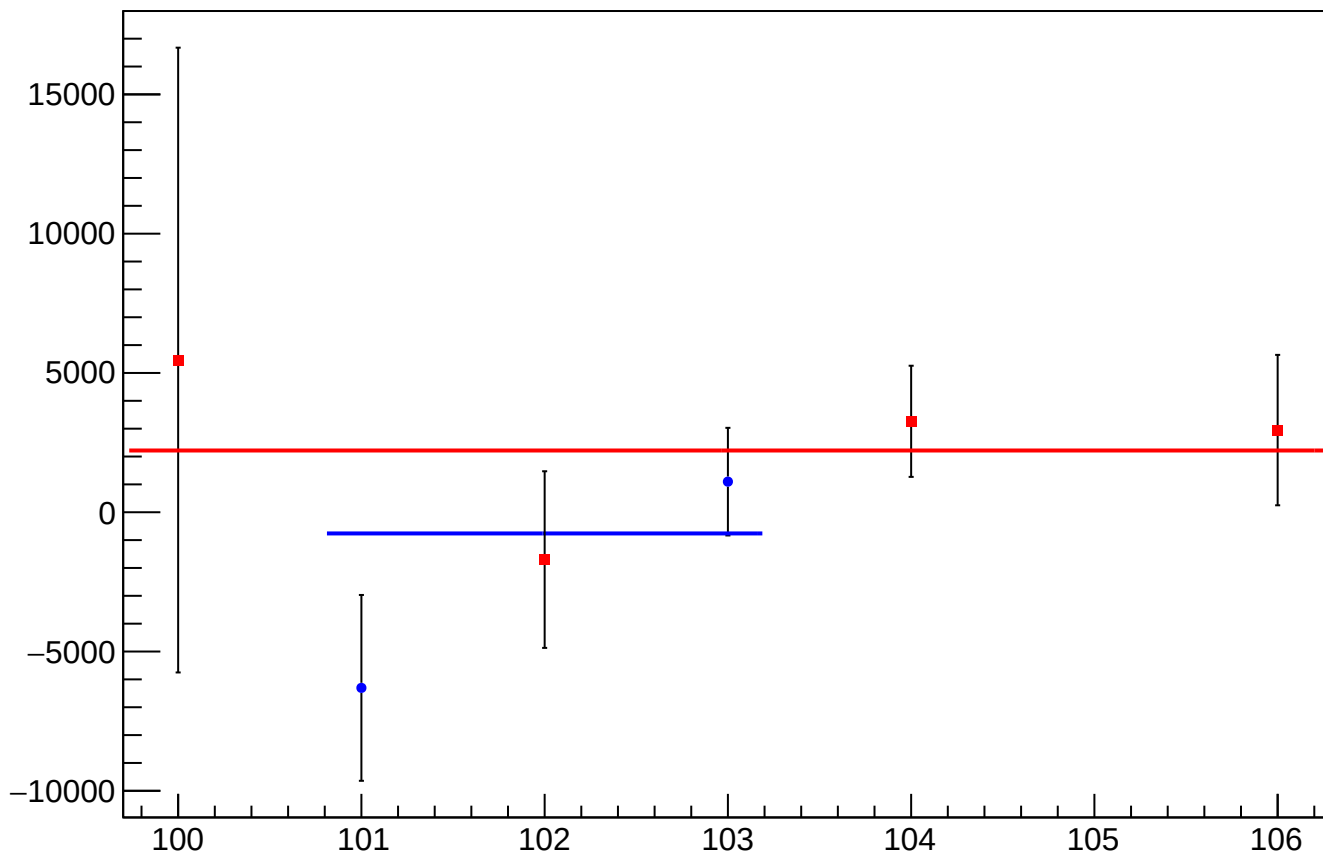
Right: 1452.188 $\pm$ 0.644 χ^2 /NDF: 222362.8/5

In: 1518.837 $\pm$ 0.971 χ^2 /NDF: 71443.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1452.188 $\pm$ 0.644 χ^2 /NDF: 222362.8/5

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -761.014 $\pm$ 1671.487 χ^2 /NDF: 3.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2216.571 $\pm$ 1420.124 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

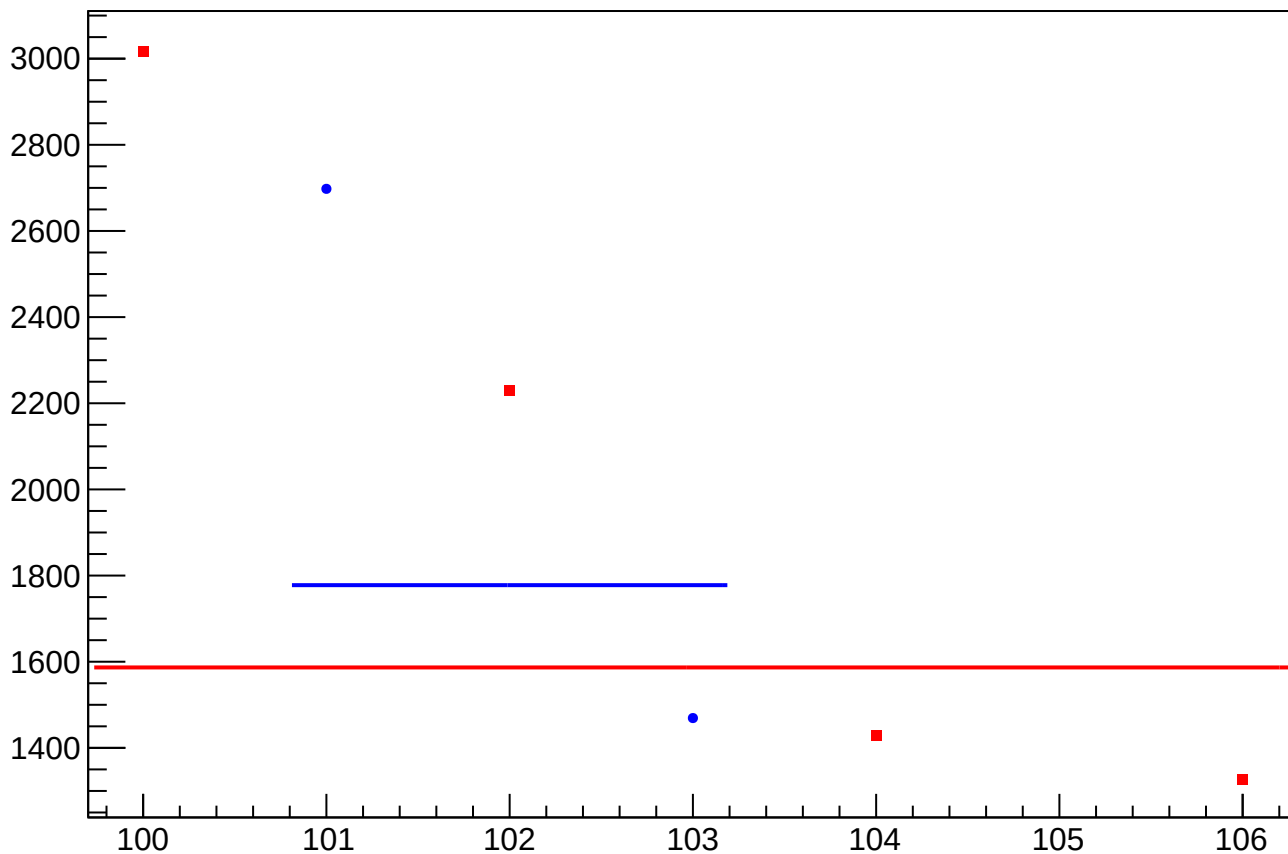
Right: 968.281 $\pm$ 1082.253 χ^2 /NDF: 7.5/5

In: -761.014 $\pm$ 1671.487 χ^2 /NDF:3.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.281 $\pm$ 1082.253 χ^2 /NDF: 7.5/5

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.704+/-1.004 χ^2/NDF : 146004.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

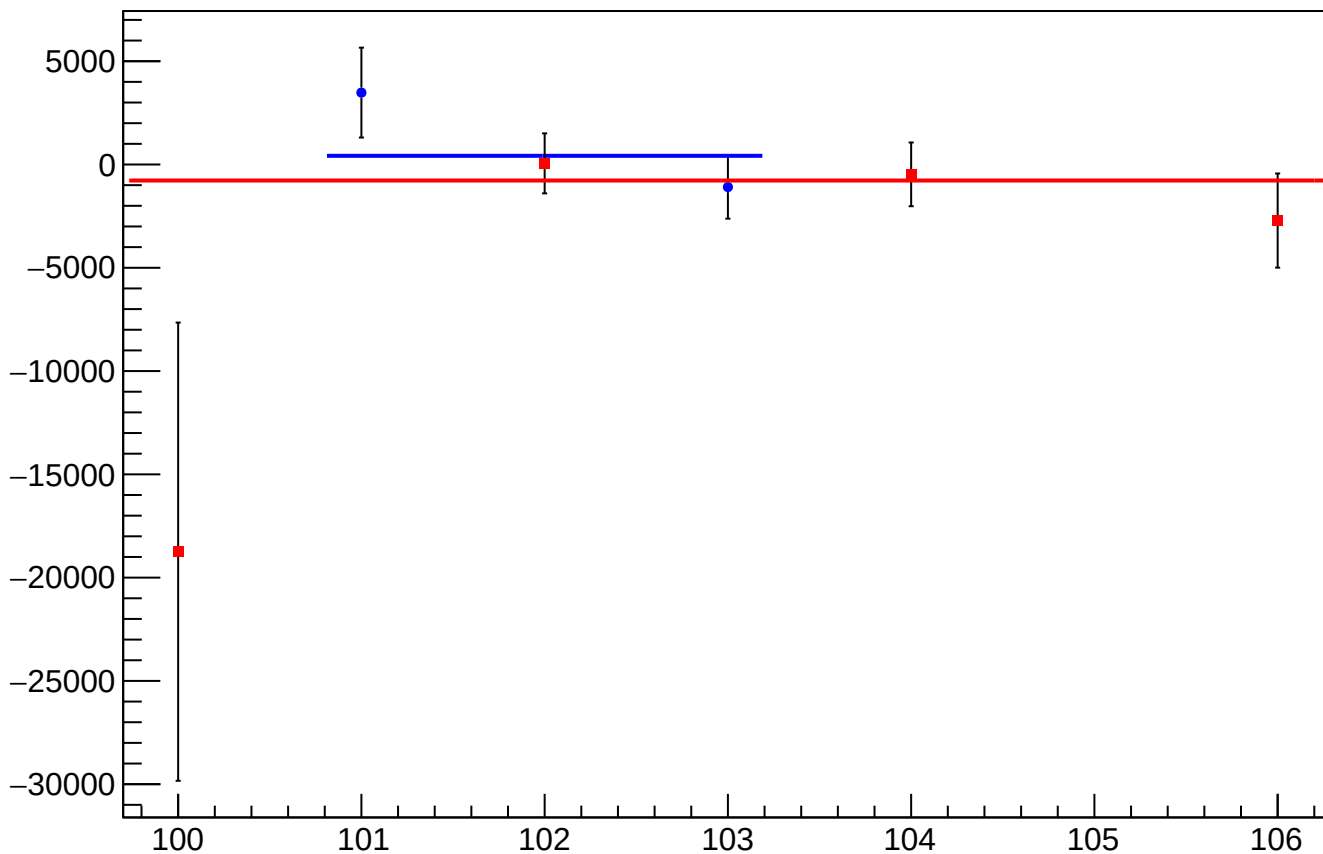
Right: 1666.791+/-0.765 χ^2/NDF : 364387.6/5

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.791+/-0.765 χ^2/NDF : 364387.6/5

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 420.528+/-1251.406 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -775.820+/-955.617 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

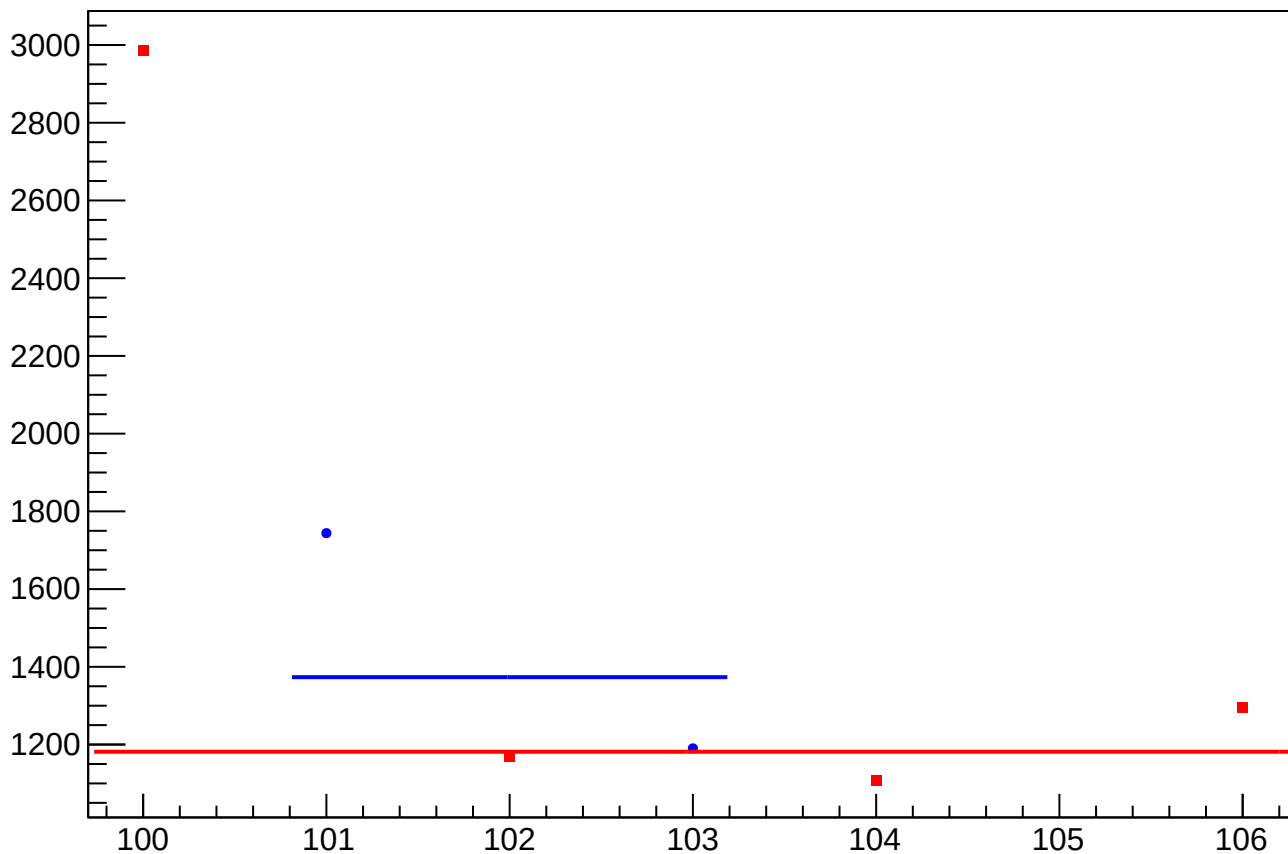
Right: -335.153+/-759.494 χ^2/NDF : 7.2/5

In: 420.528+/-1251.406 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.153+/-759.494 χ^2/NDF : 7.2/5

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1373.386+/-0.885 χ^2/NDF : 86721.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1181.481+/-0.676 χ^2/NDF : 62606.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

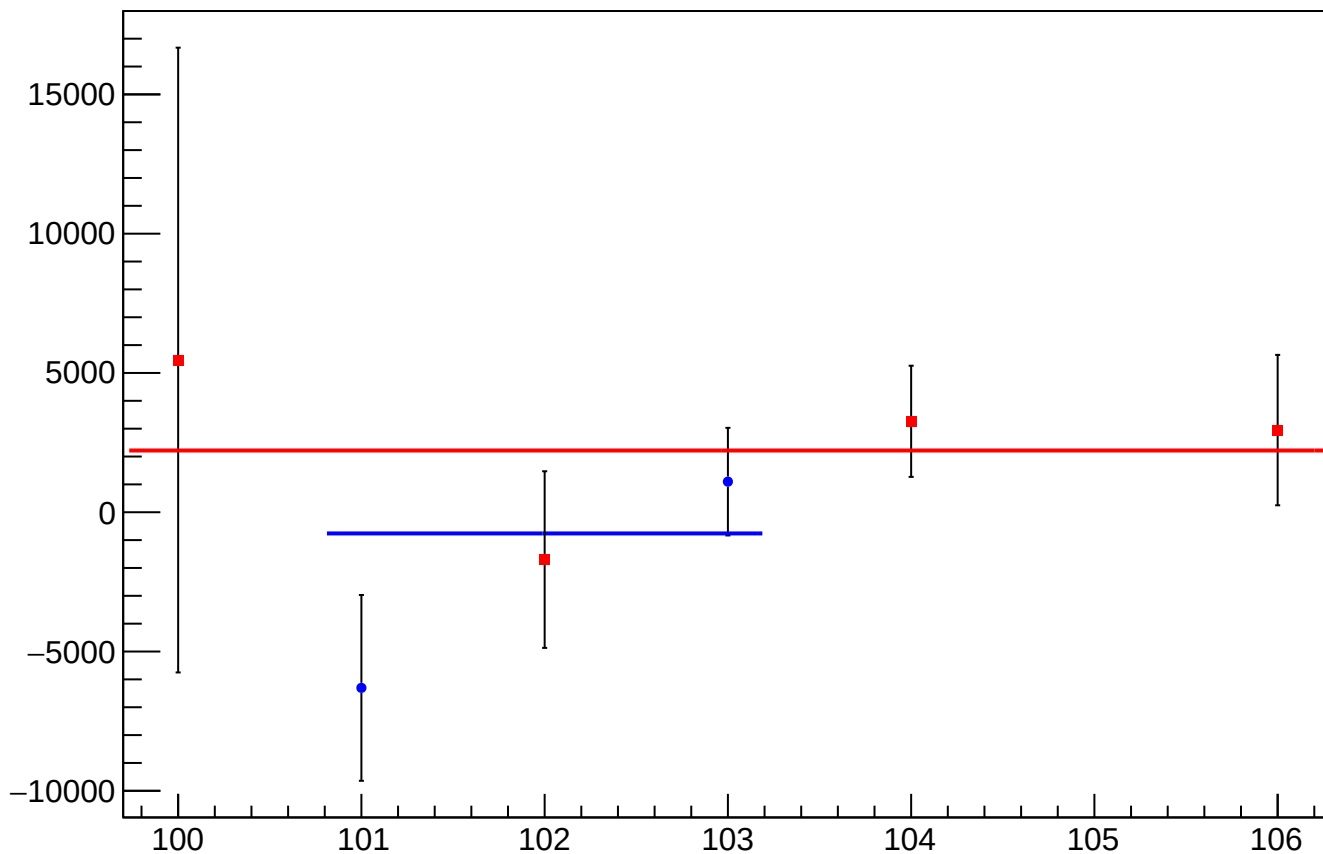
Right: 1252.168+/-0.537 χ^2/NDF : 179036.7/5

In: 1373.386+/-0.885 χ^2/NDF : 86721.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1252.168+/-0.537 χ^2/NDF : 179036.7/5

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -761.025+/-1671.487 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2216.578+/-1420.124 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

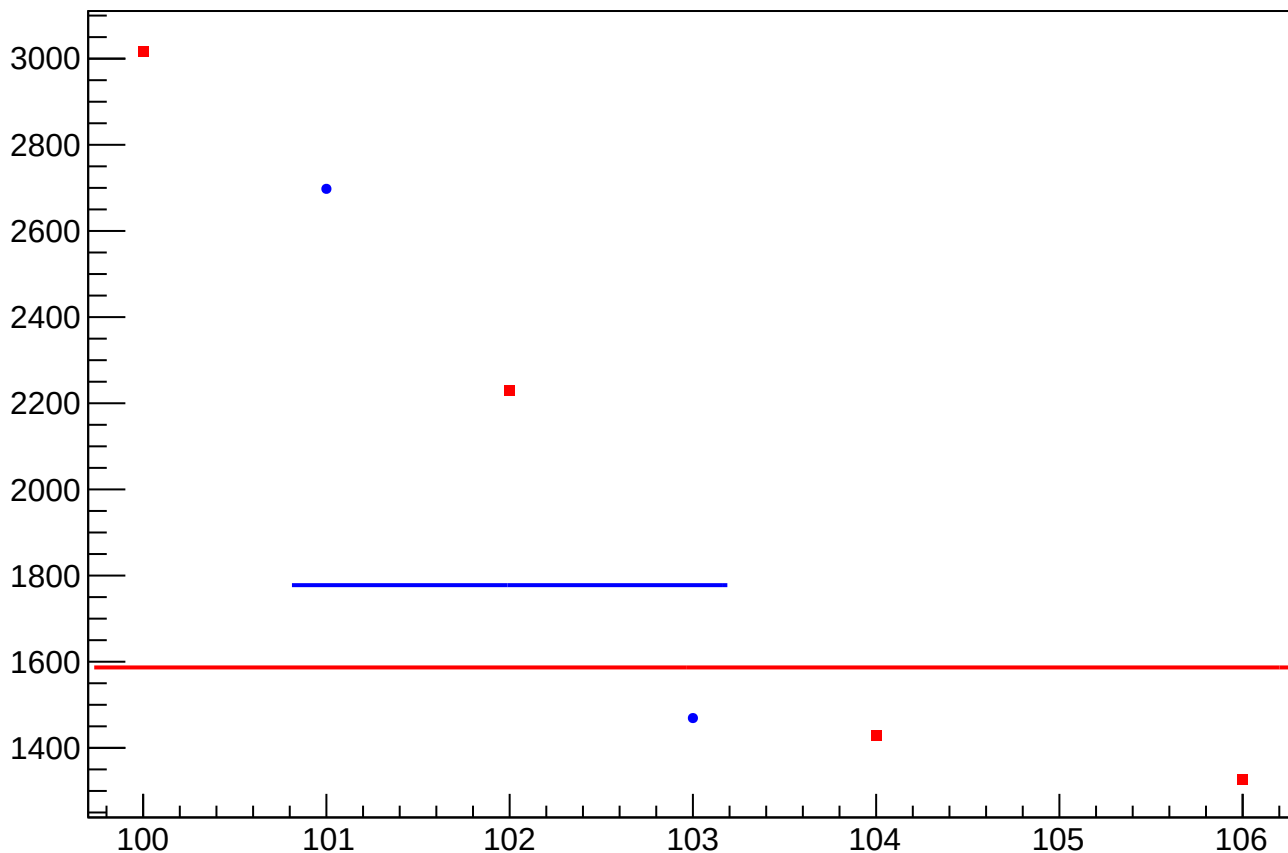
Right: 968.280+/-1082.253 χ^2/NDF : 7.5/5

In: -761.025+/-1671.487 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.280+/-1082.253 χ^2/NDF : 7.5/5

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.704+/-1.004 χ^2/NDF : 146004.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

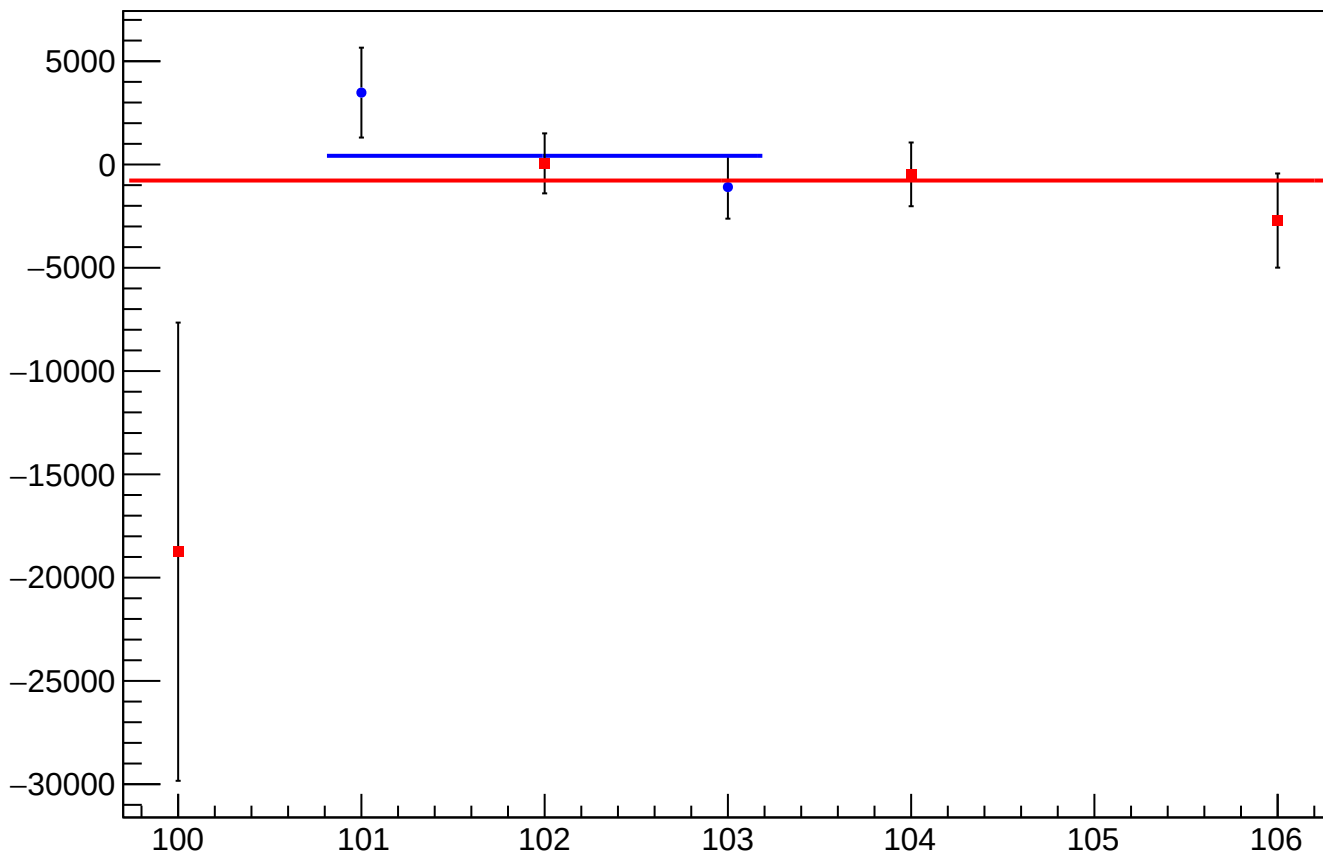
Right: 1666.791+/-0.765 χ^2/NDF : 364387.6/5

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.791+/-0.765 χ^2/NDF : 364387.6/5

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 420.537+/-1251.405 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -775.825+/-955.617 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

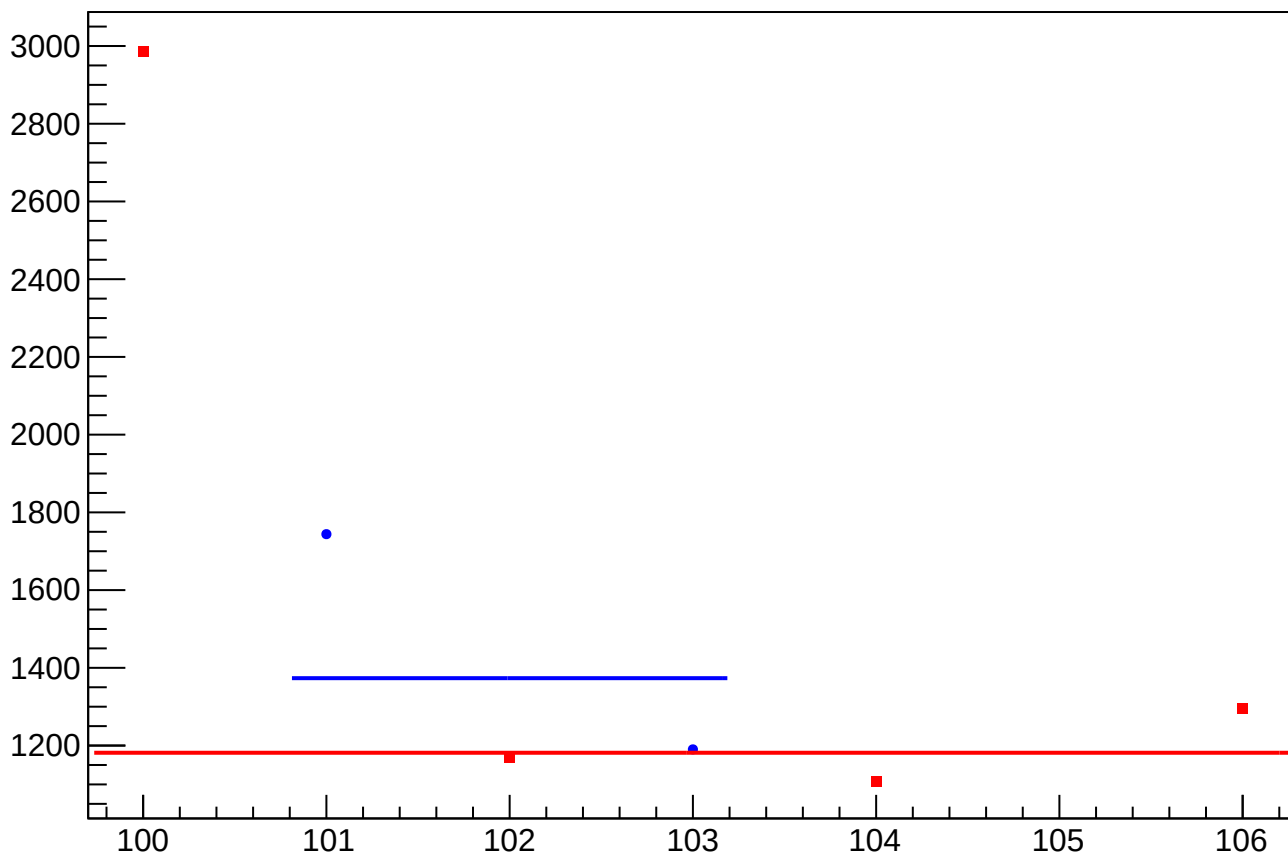
Right: -335.153+/-759.494 χ^2/NDF : 7.2/5

In: 420.537+/-1251.405 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.153+/-759.494 χ^2/NDF : 7.2/5

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1373.386 $\pm$ 0.885 χ^2 /NDF: 86718.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1181.482 $\pm$ 0.676 χ^2 /NDF: 62604.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

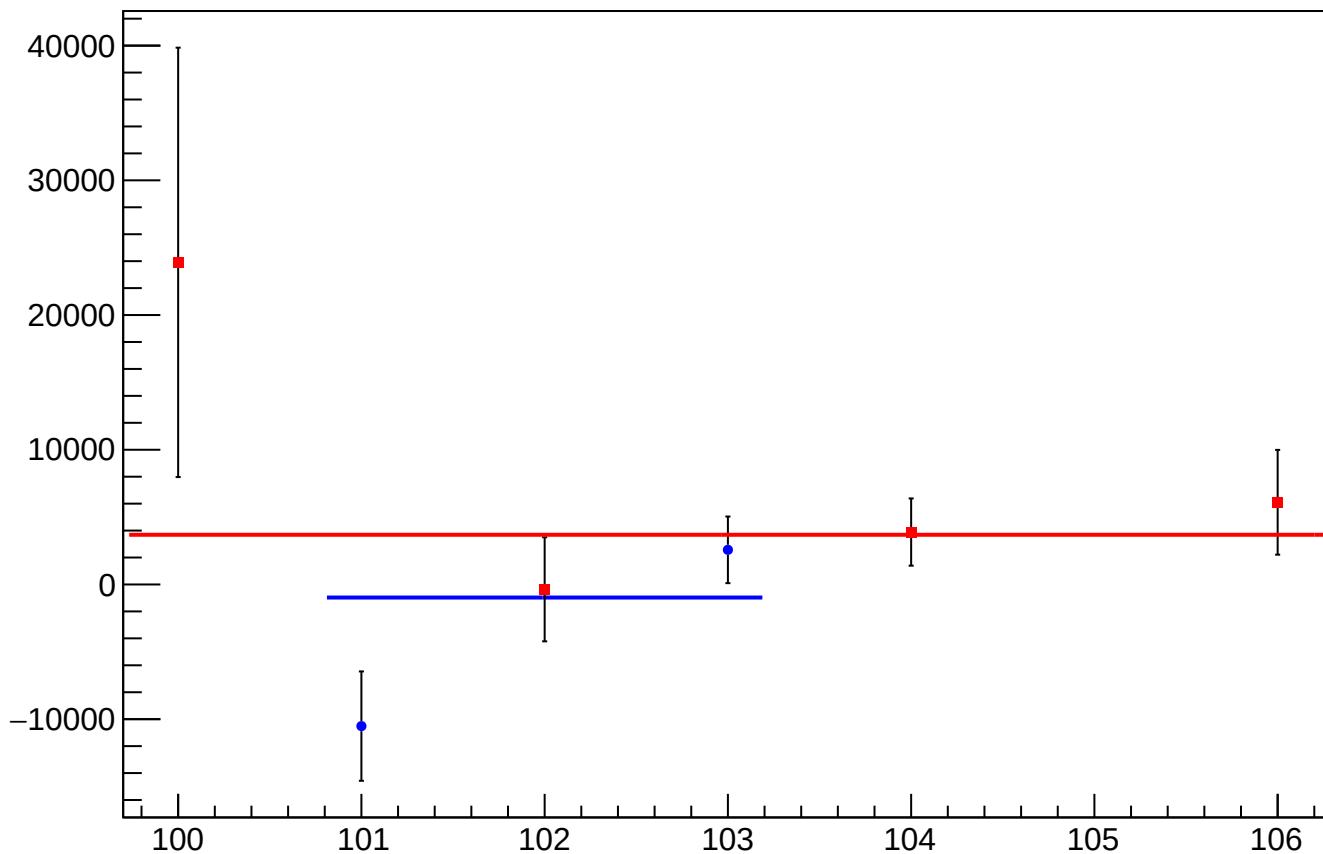
Right: 1252.168 $\pm$ 0.537 χ^2 /NDF: 179031.6/5

In: 1373.386 $\pm$ 0.885 χ^2 /NDF: 86718.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1252.168 $\pm$ 0.537 χ^2 /NDF: 179031.6/5

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -969.857+/-2111.960 χ^2/NDF : 7.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3688.651+/-1832.530 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

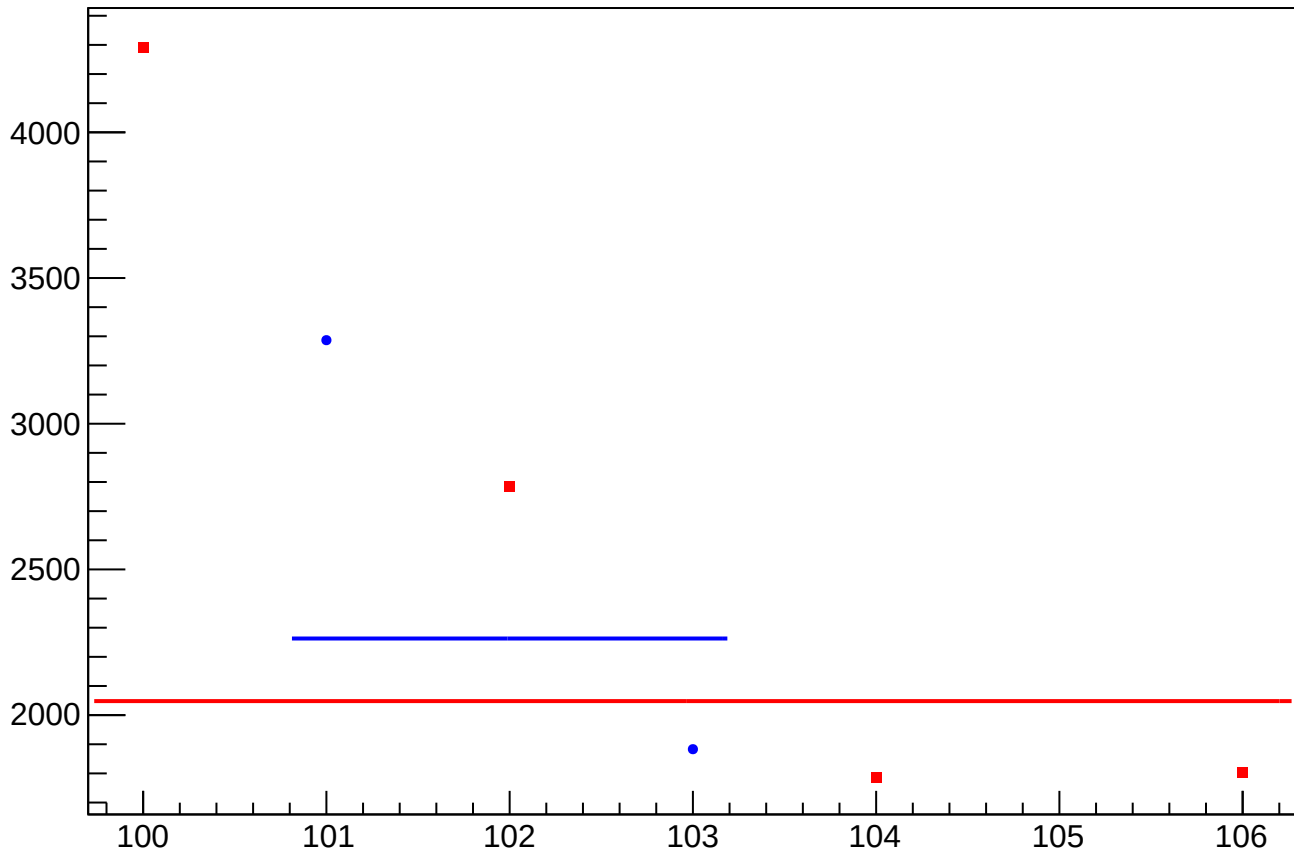
Right: 1687.761+/-1384.121 χ^2/NDF : 13.5/5

In: -969.857+/-2111.960 χ^2/NDF : 7.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.761+/-1384.121 χ^2/NDF : 13.5/5

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2262.919+/-1.493 χ^2/NDF : 174354.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.133+/-1.296 χ^2/NDF : 142020.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

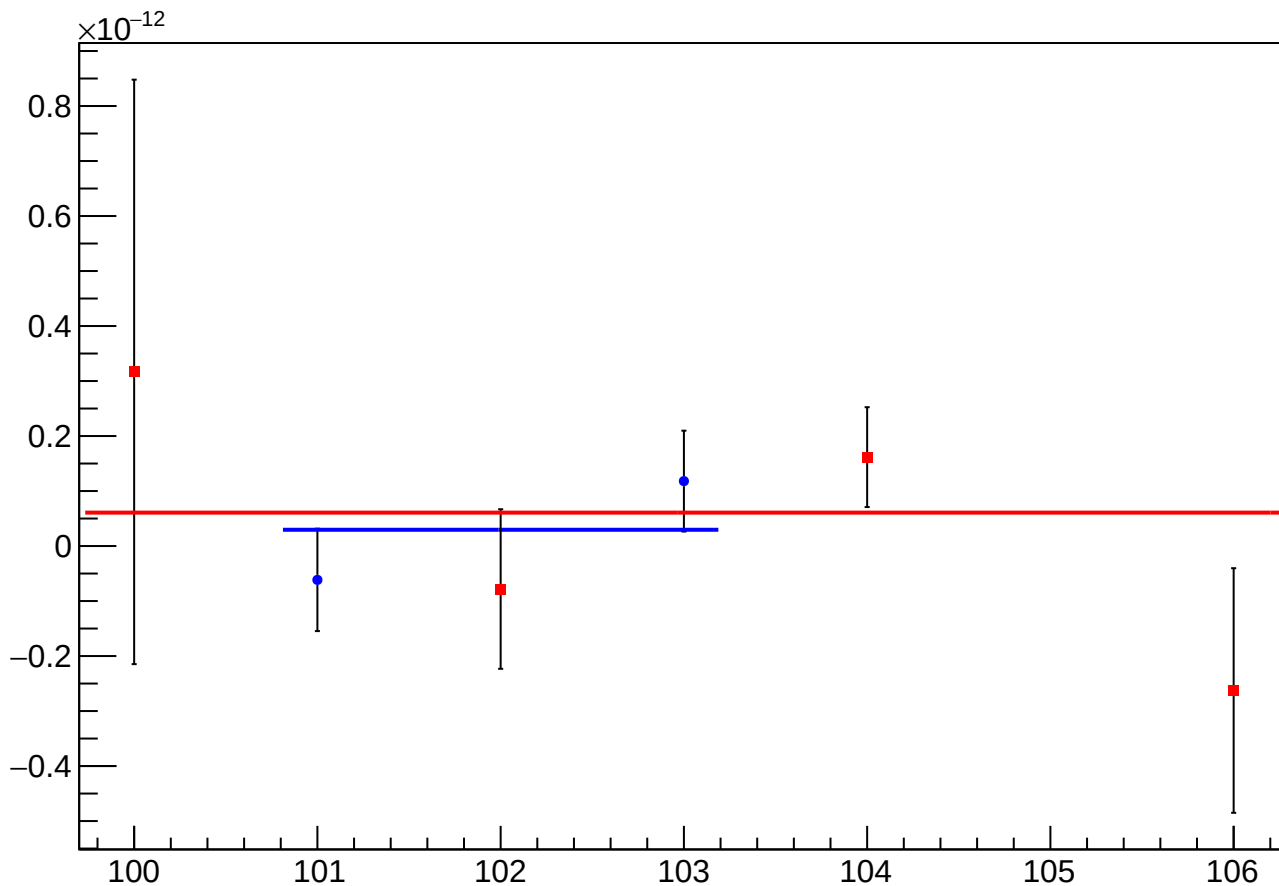
Right: 2140.384+/-0.979 χ^2/NDF : 328176.9/5

In: 2262.919+/-1.493 χ^2/NDF : 174354.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2140.384+/-0.979 χ^2/NDF : 328176.9/5

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

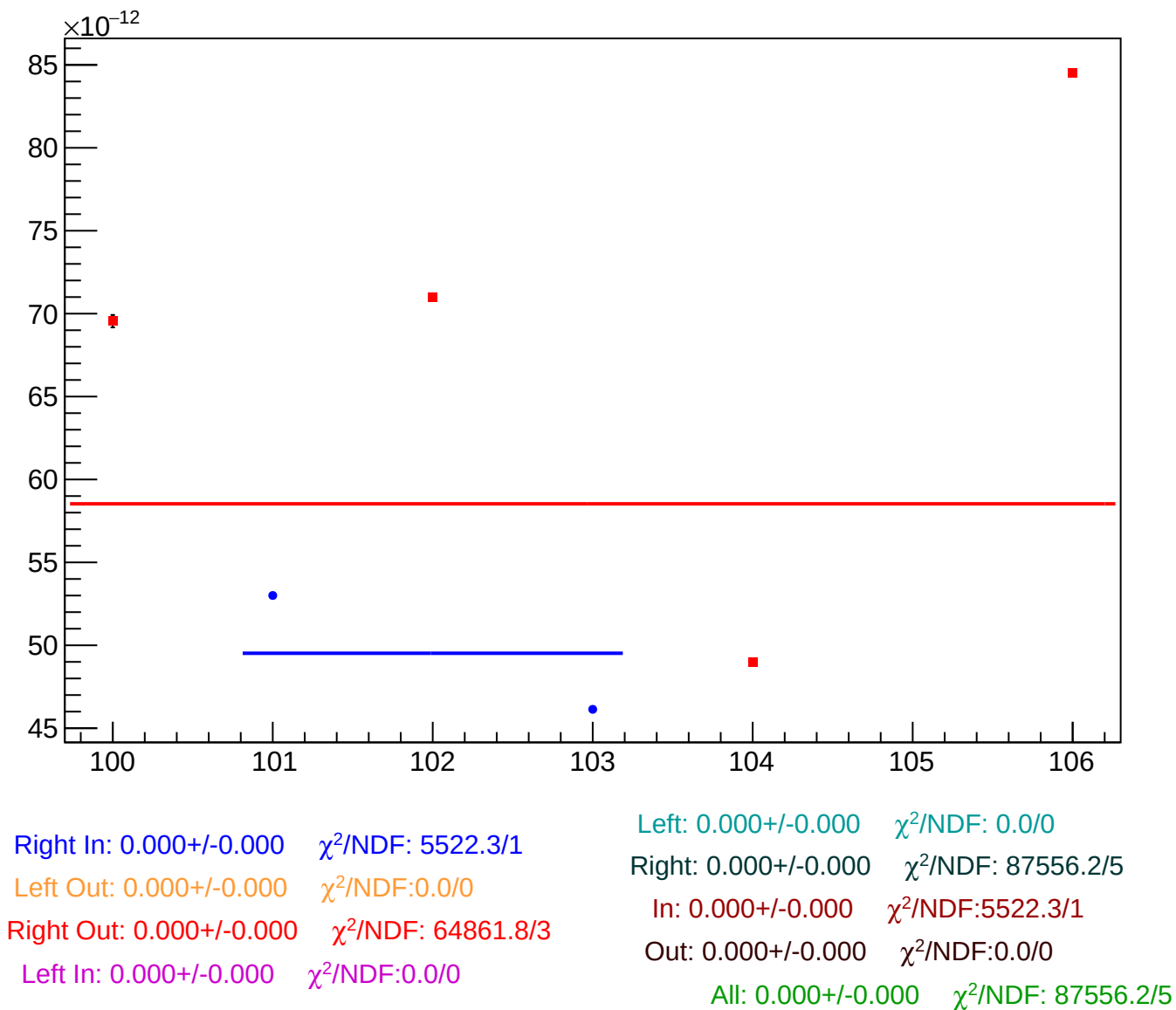
Right: 0.000+/-0.000 χ^2/NDF : 6.5/5

In: 0.000+/-0.000 χ^2/NDF : 1.9/1

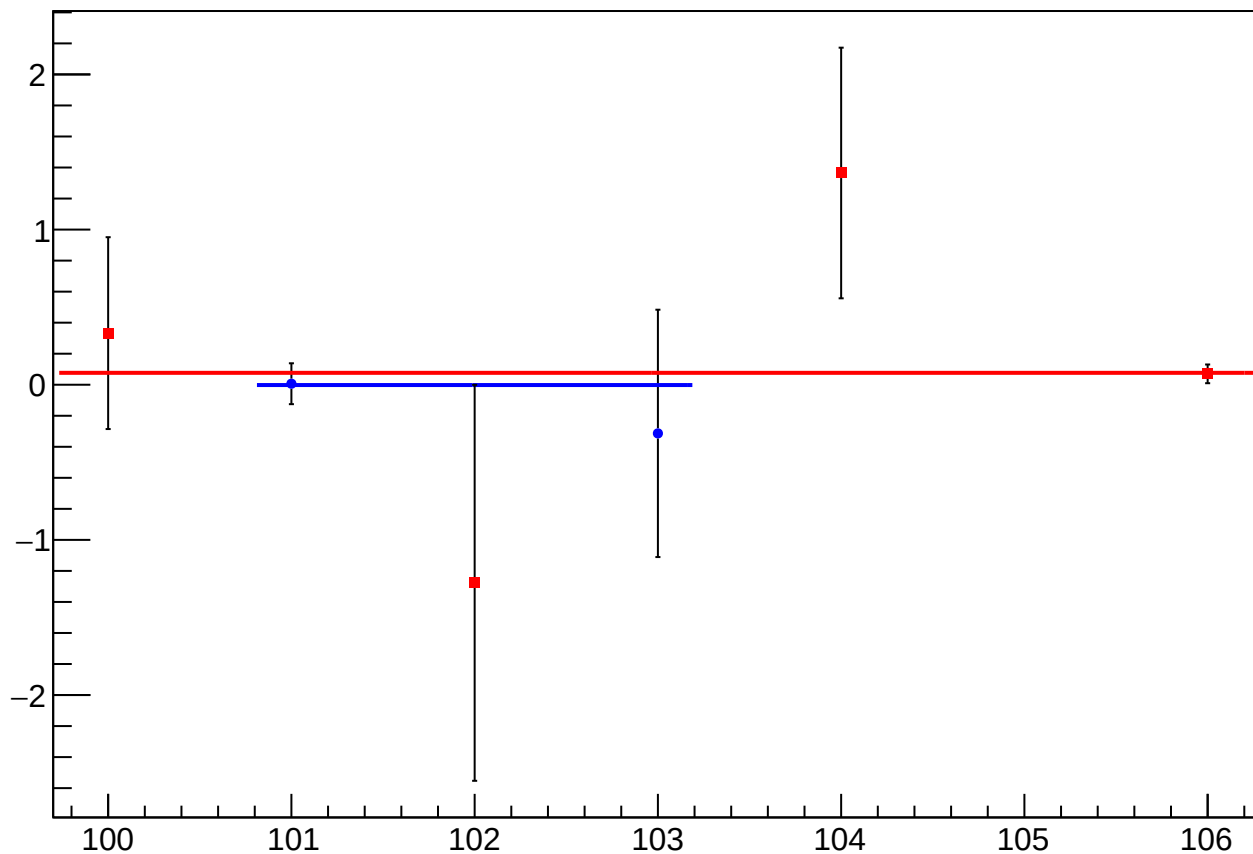
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.5/5

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.060 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

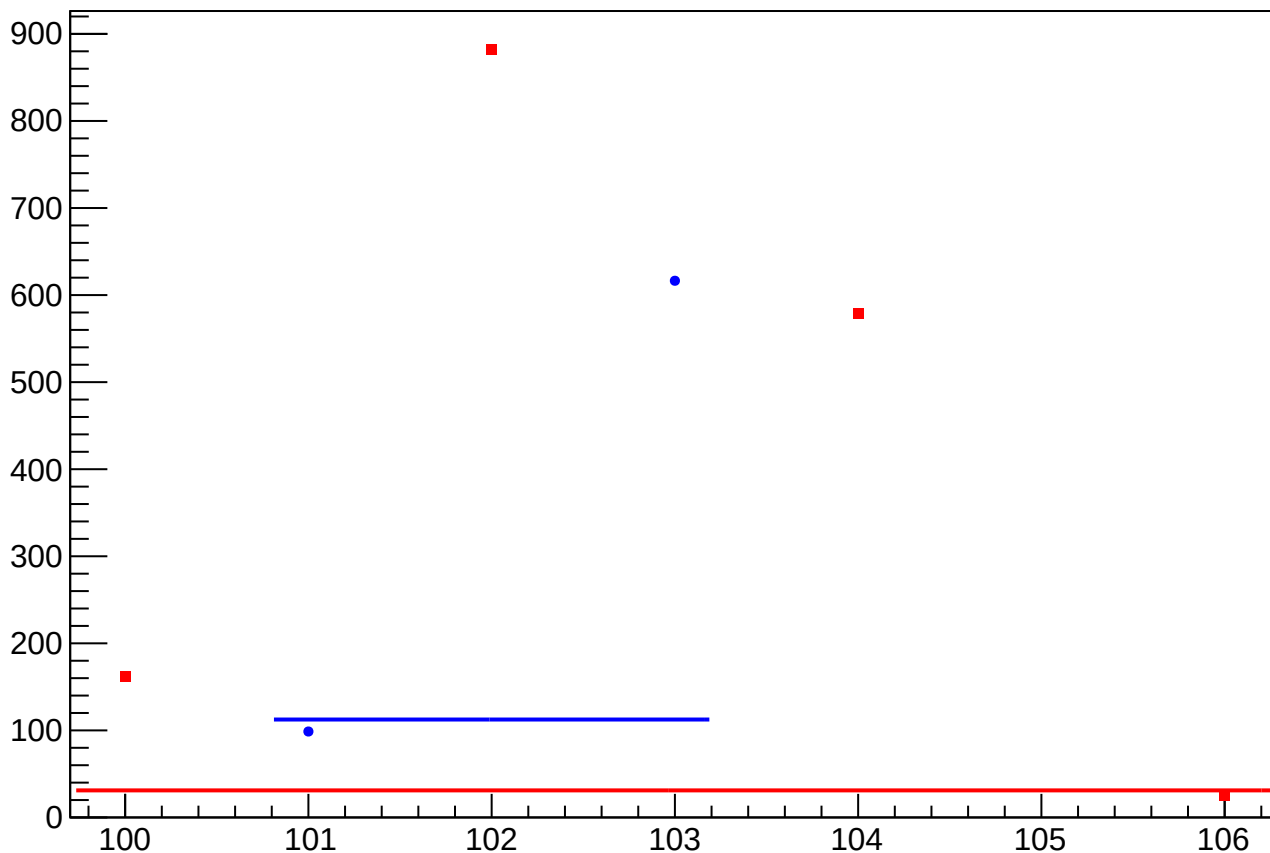
Right: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.092+/-0.042 χ^2/NDF : 1920659.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

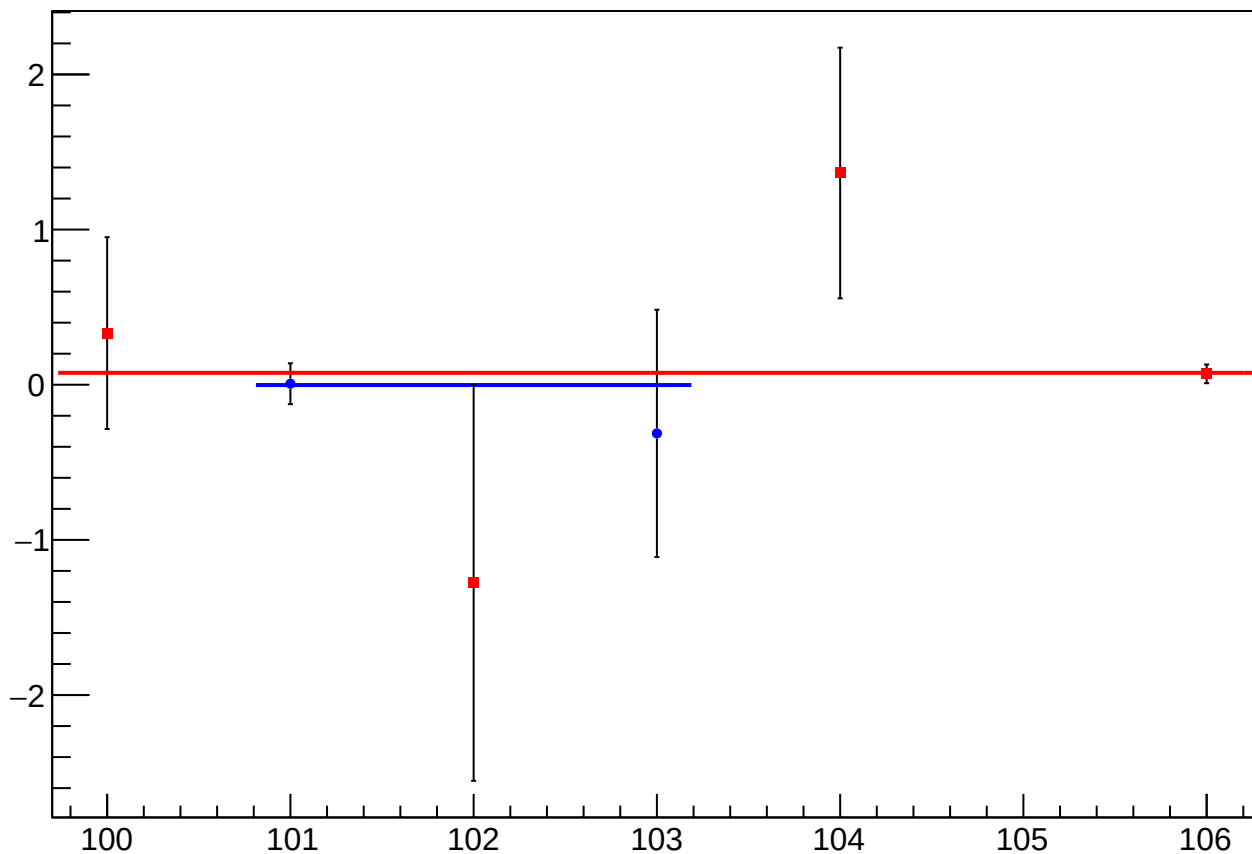
Right: 45.313+/-0.038 χ^2/NDF : 3389192.5/5

In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.313+/-0.038 χ^2/NDF : 3389192.5/5

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.060 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

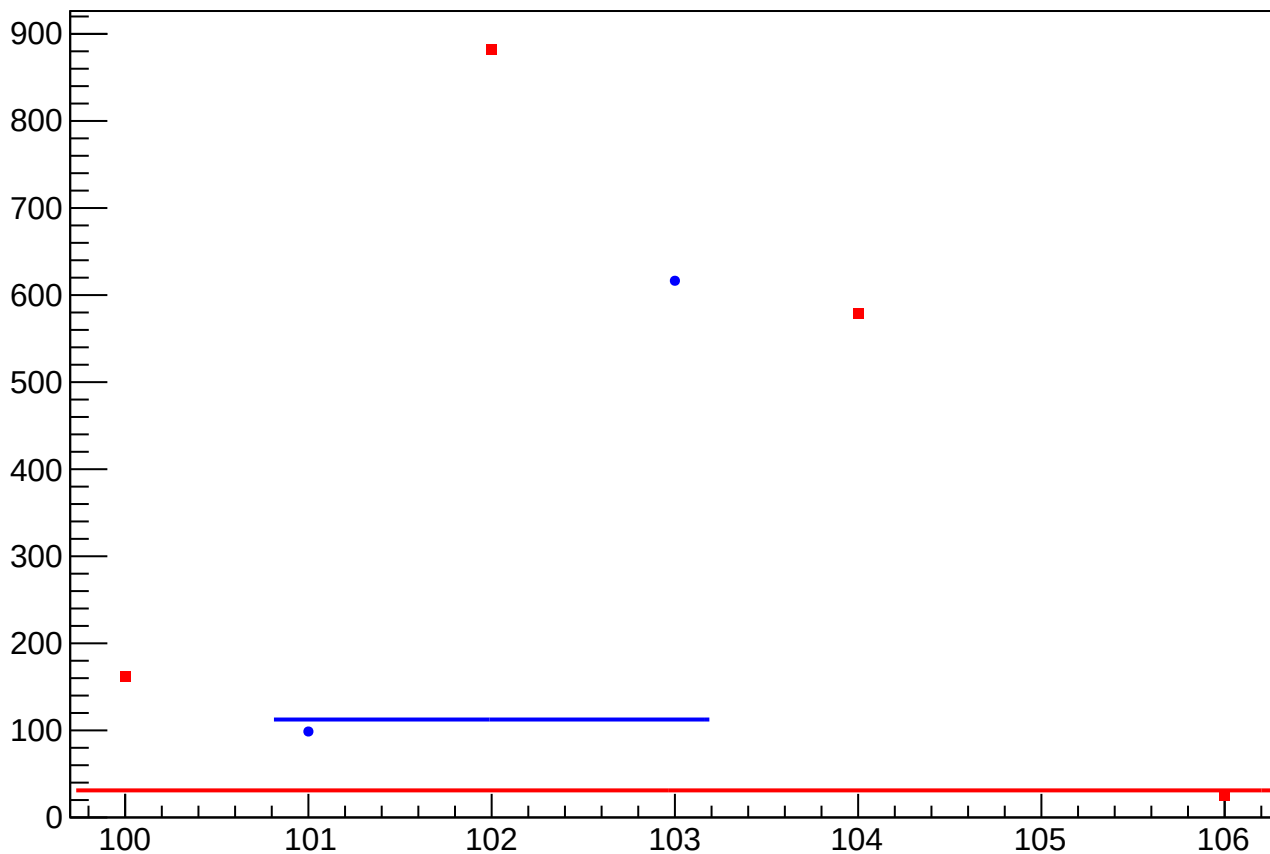
Right: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.092+/-0.042 χ^2/NDF : 1920659.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

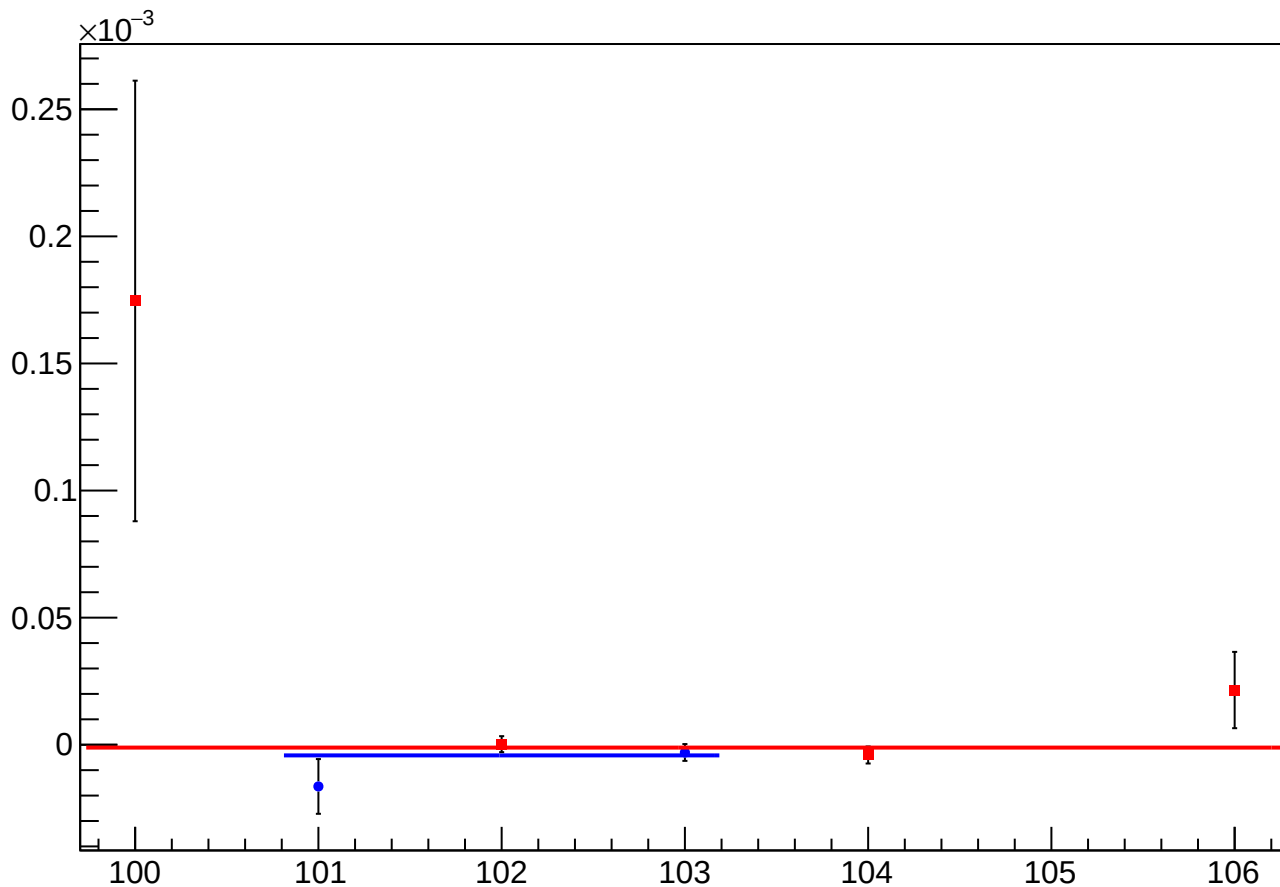
Right: 45.313+/-0.038 χ^2/NDF : 3389192.5/5

In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.313+/-0.038 χ^2/NDF : 3389192.5/5

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

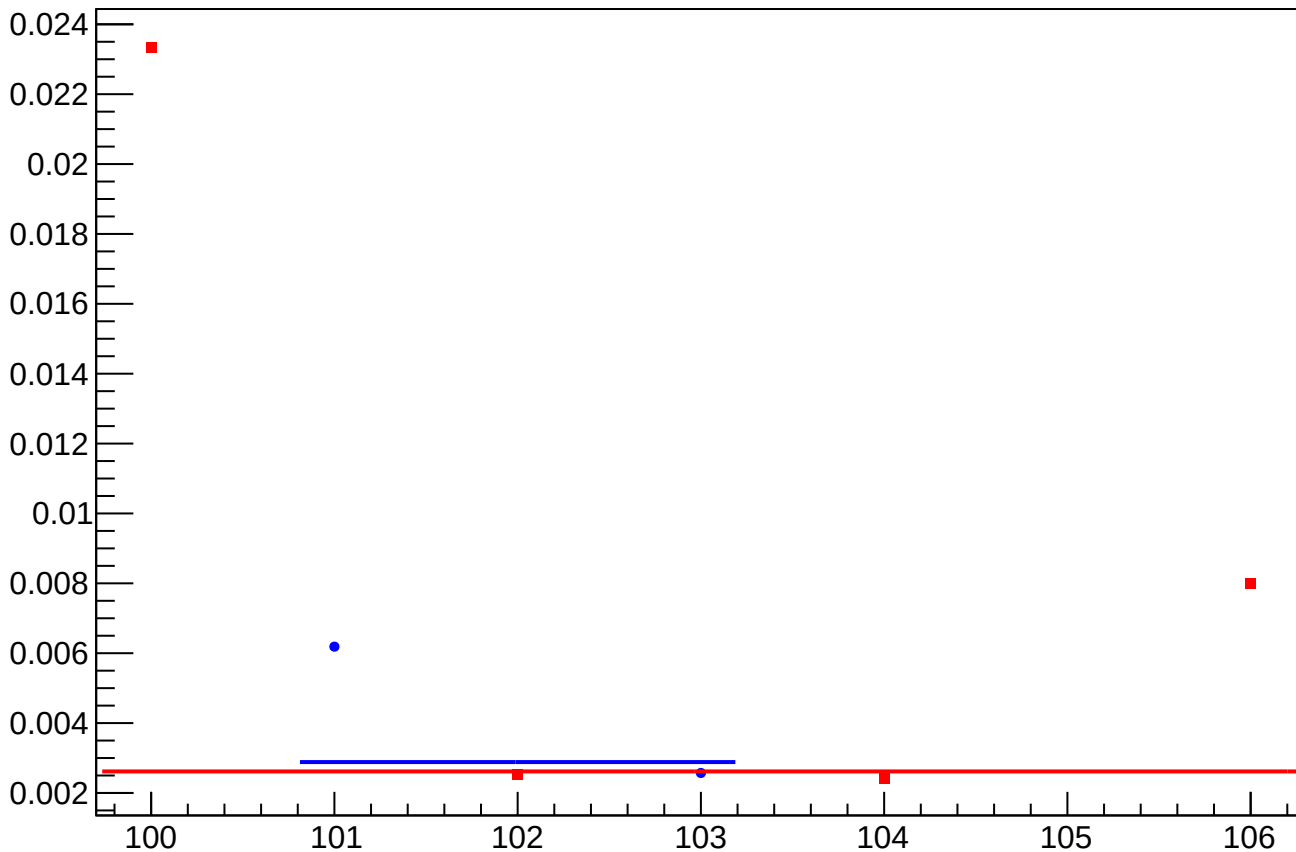
Right: -0.000+/-0.000 χ^2 /NDF: 9.4/5

In: -0.000+/-0.000 χ^2 /NDF:1.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.4/5

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 206102.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 381099.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

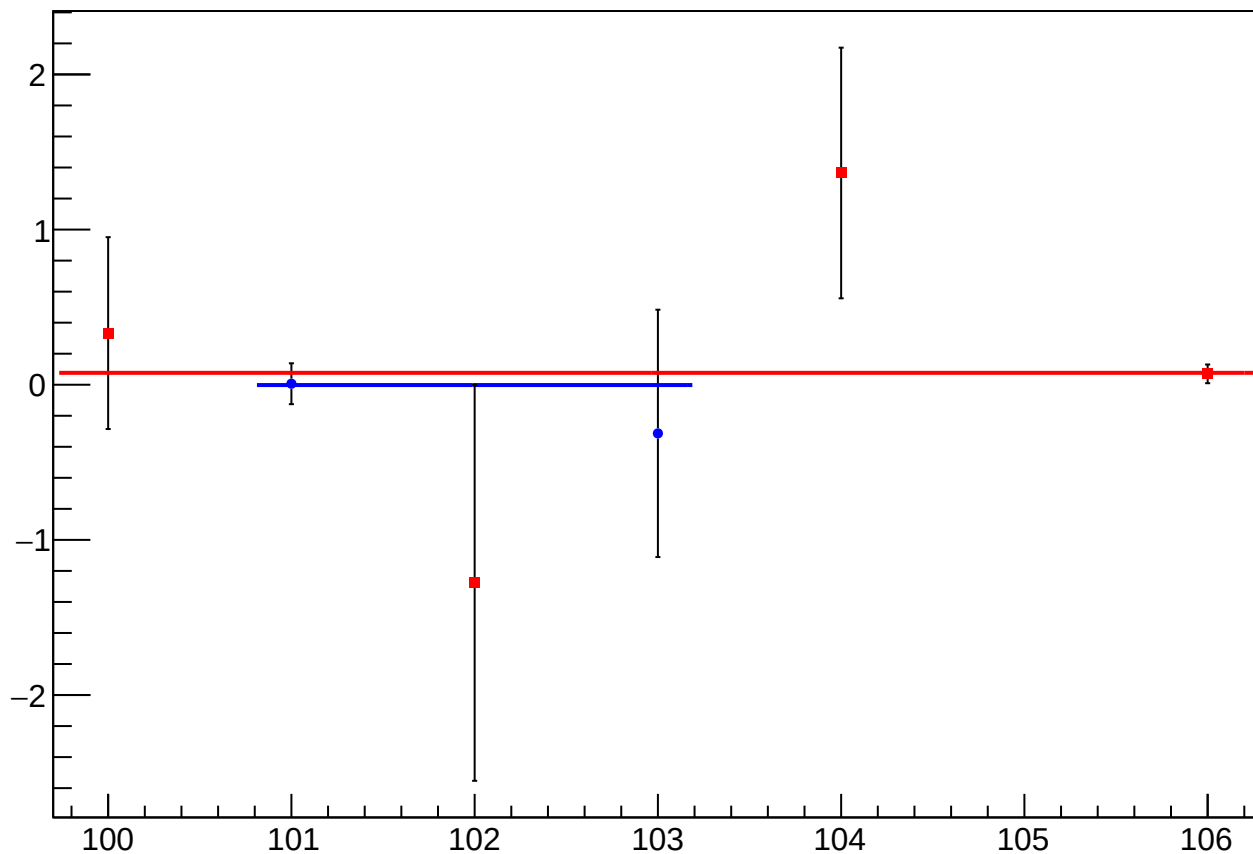
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 596698.1/5

In: 0.003 $\pm$ 0.000 χ^2 /NDF:206102.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 596698.1/5

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.060 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

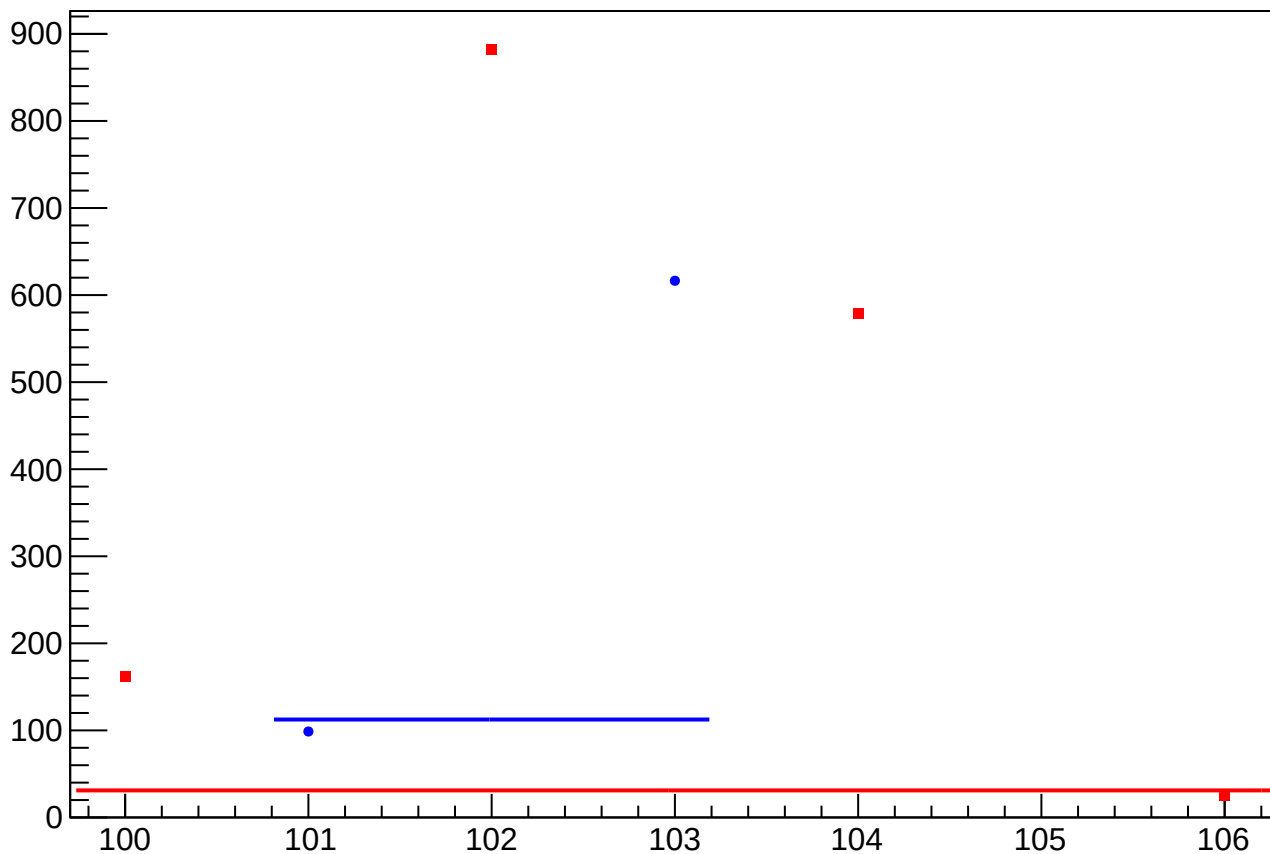
Right: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 31.081 ± 0.042 χ^2/NDF : 1920731.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

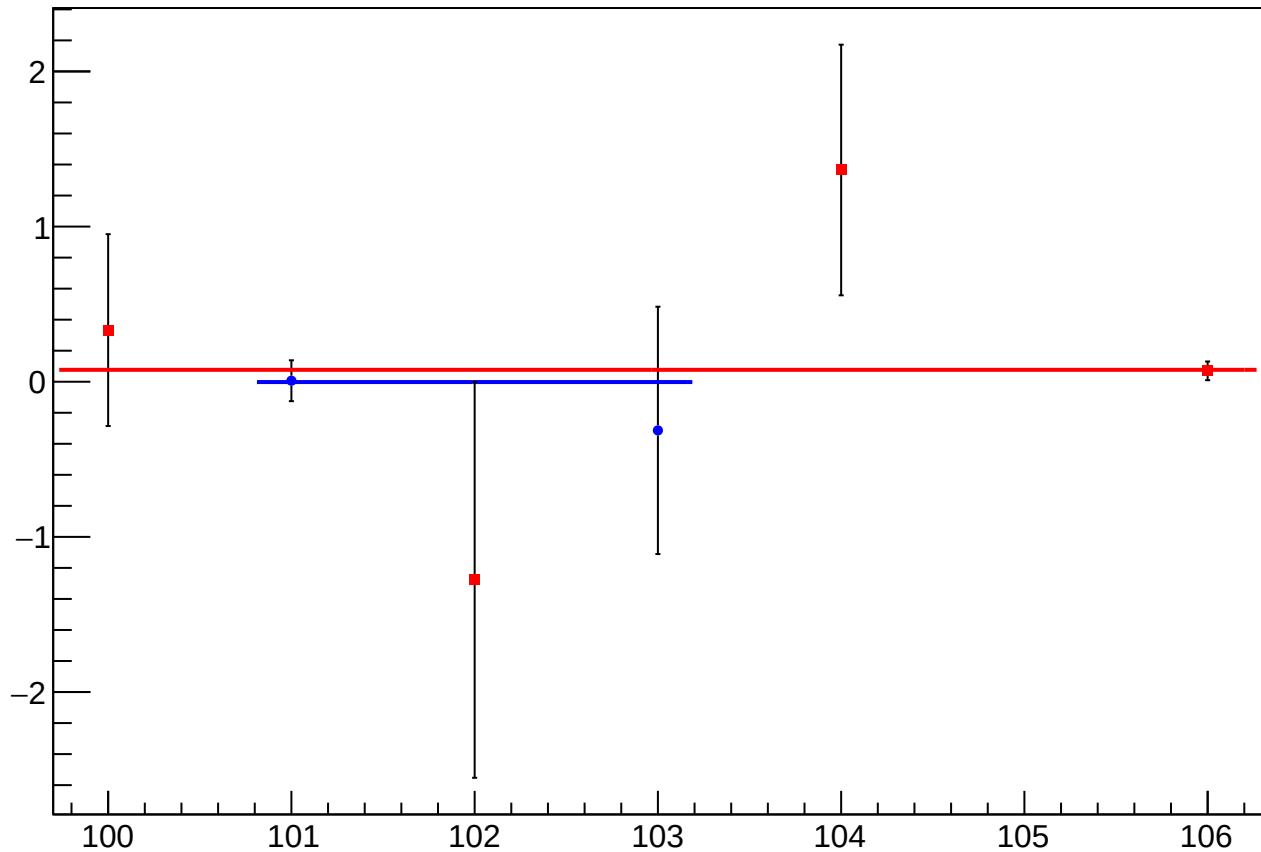
Right: 45.298 ± 0.038 χ^2/NDF : 3389536.6/5

In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 45.298 ± 0.038 χ^2/NDF : 3389536.6/5

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.130 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.077 $\pm$ 0.060 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

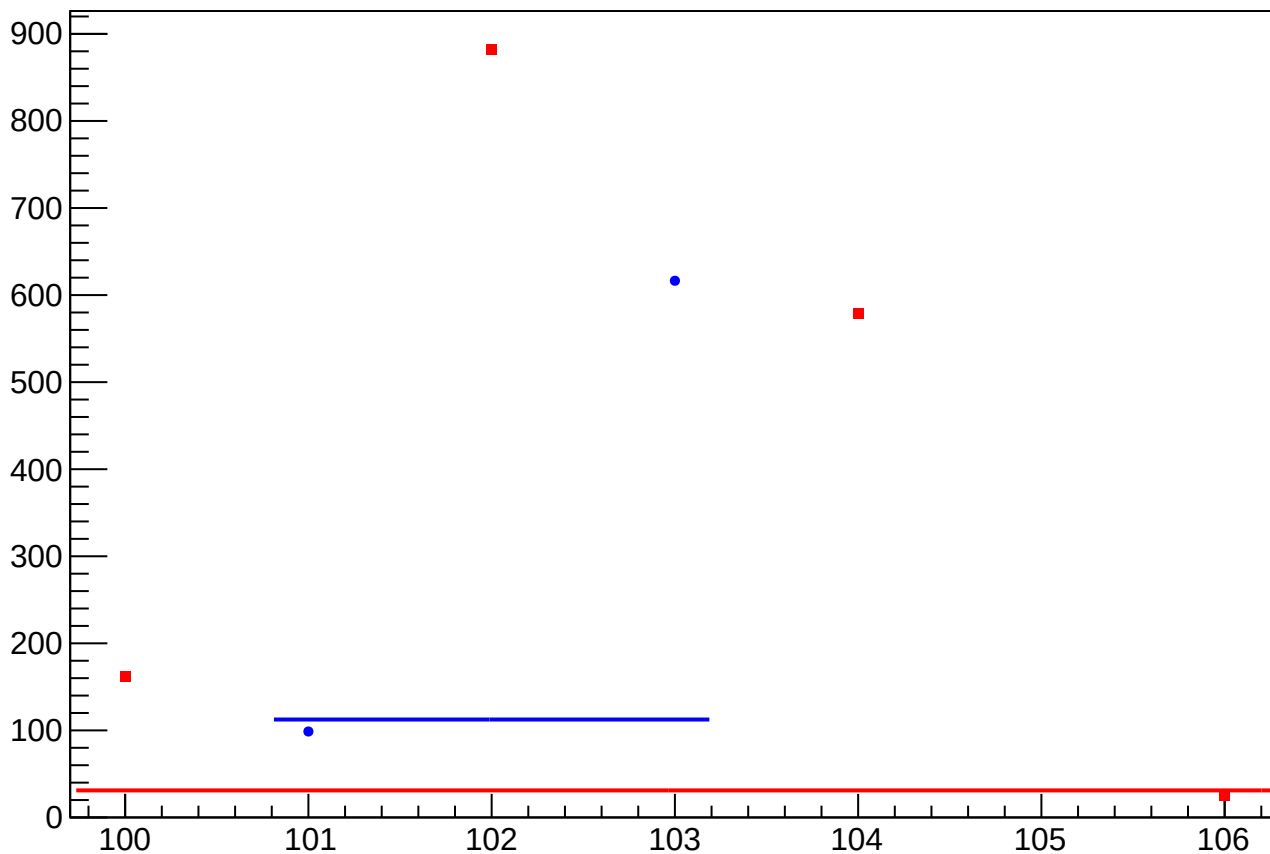
Right: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

In: -0.002 $\pm$ 0.130 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.054 χ^2 /NDF: 4.3/5

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 31.081 ± 0.042 χ^2/NDF : 1920731.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

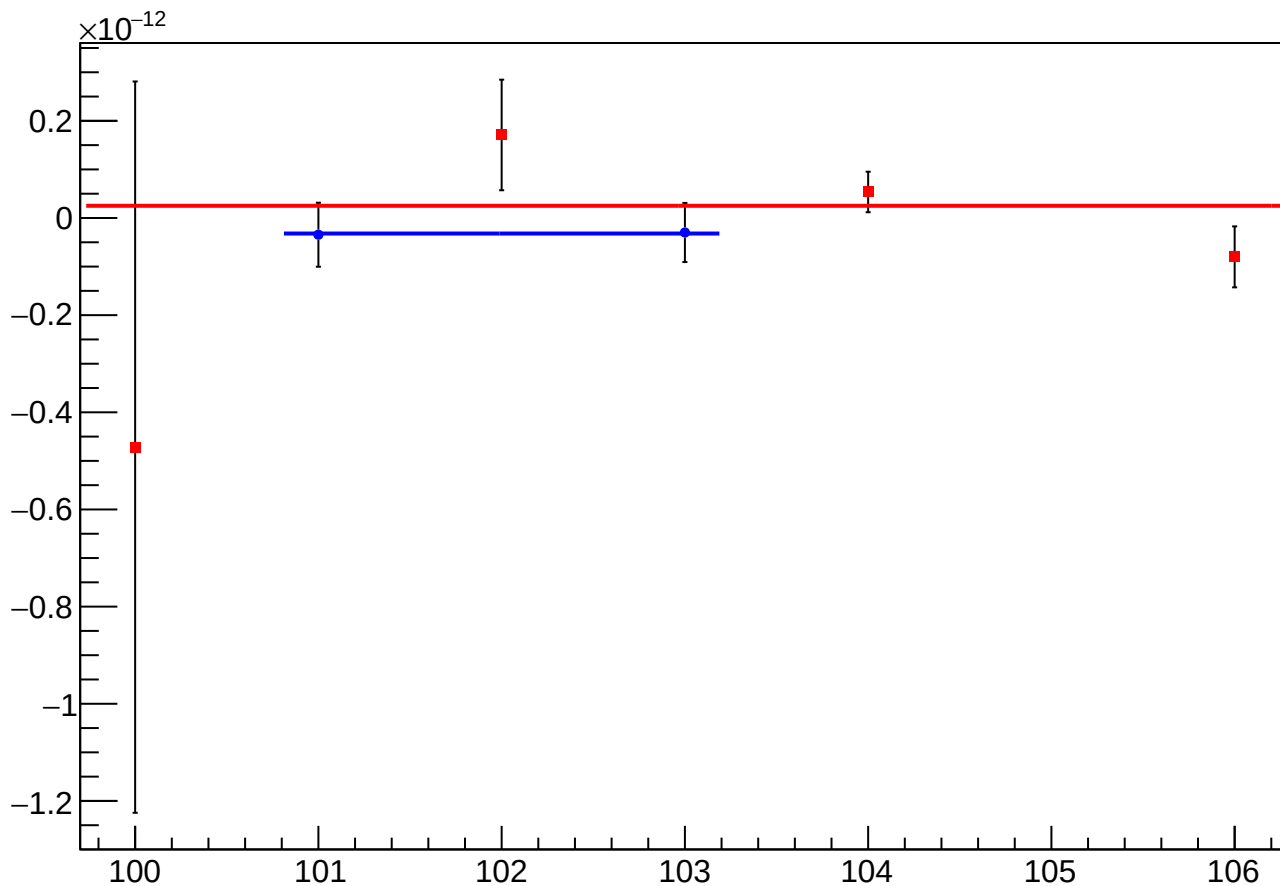
Right: 45.298 ± 0.038 χ^2/NDF : 3389536.6/5

In: 112.490 ± 0.092 χ^2/NDF : 821295.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 45.298 ± 0.038 χ^2/NDF : 3389536.6/5

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

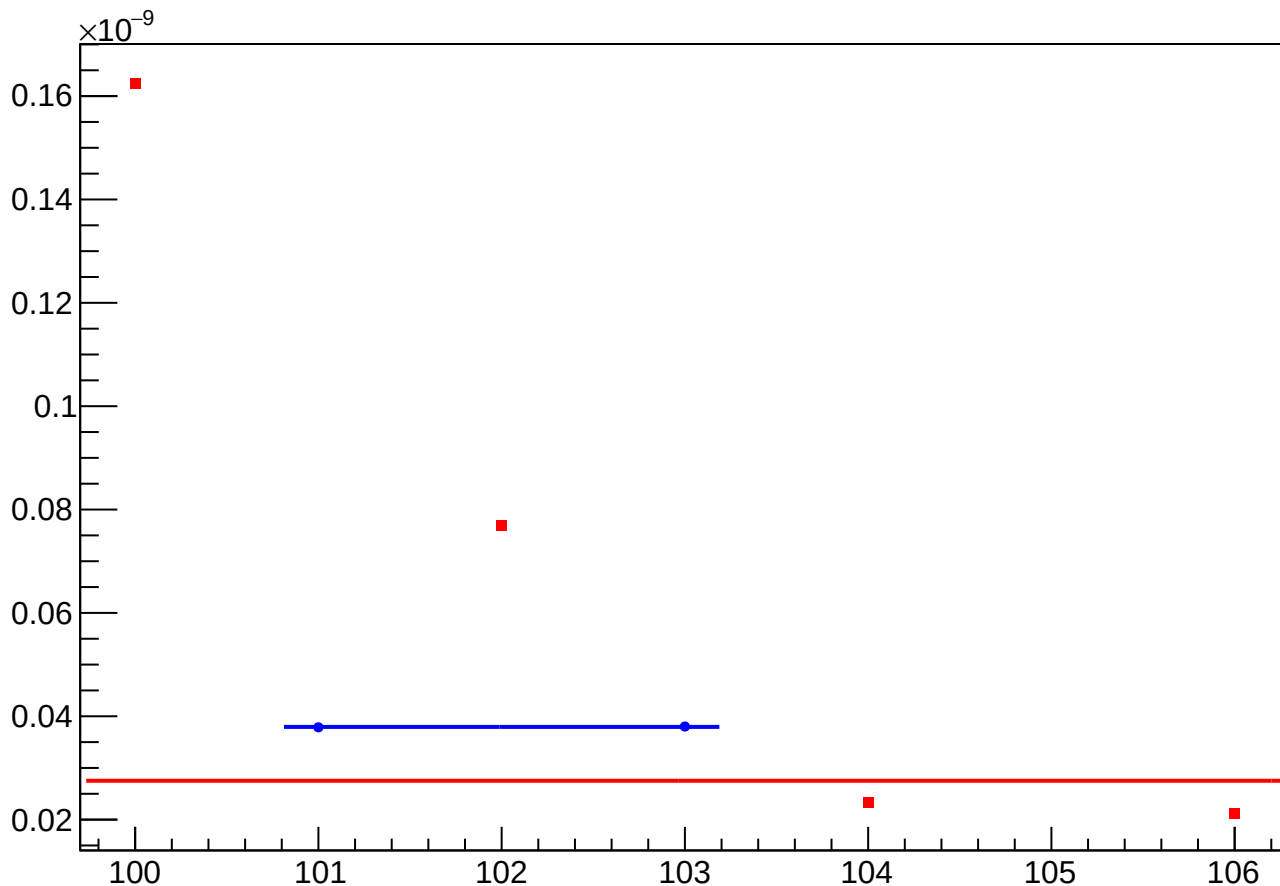
Right: 0.000+/-0.000 χ^2/NDF : 6.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.4/5

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 481306.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

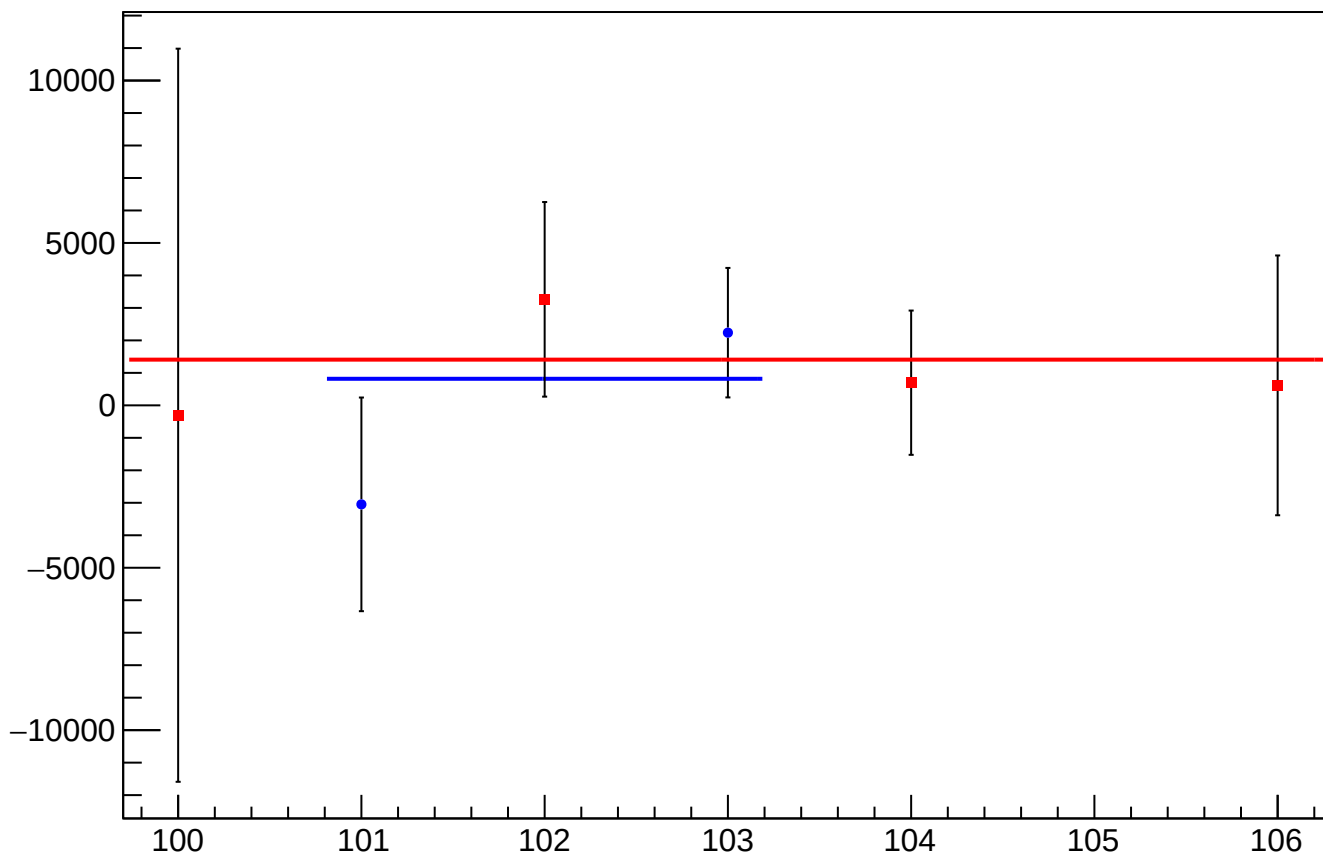
Right: 0.000+/-0.000 χ^2/NDF : 551383.6/5

In: 0.000+/-0.000 χ^2/NDF : 5.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 551383.6/5

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 817.680+/-1704.741 χ^2 /NDF: 1.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1407.281+/-1612.576 χ^2 /NDF: 0.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

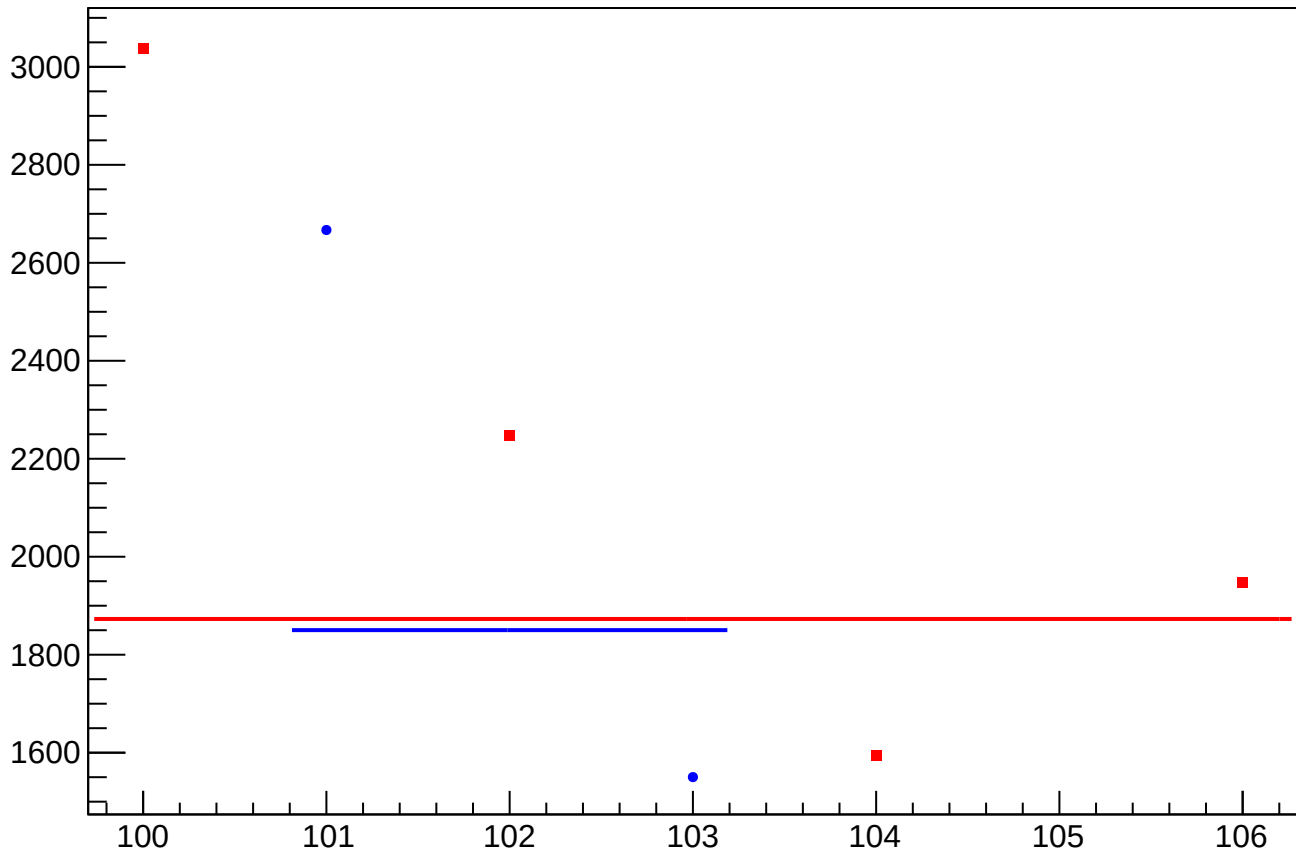
Right: 1128.849+/-1171.491 χ^2 /NDF: 2.5/5

In: 817.680+/-1704.741 χ^2 /NDF:1.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1128.849+/-1171.491 χ^2 /NDF: 2.5/5

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188 +/- 1.205 χ^2/NDF : 168652.1/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1872.951 +/- 1.127 χ^2/NDF : 84661.1/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

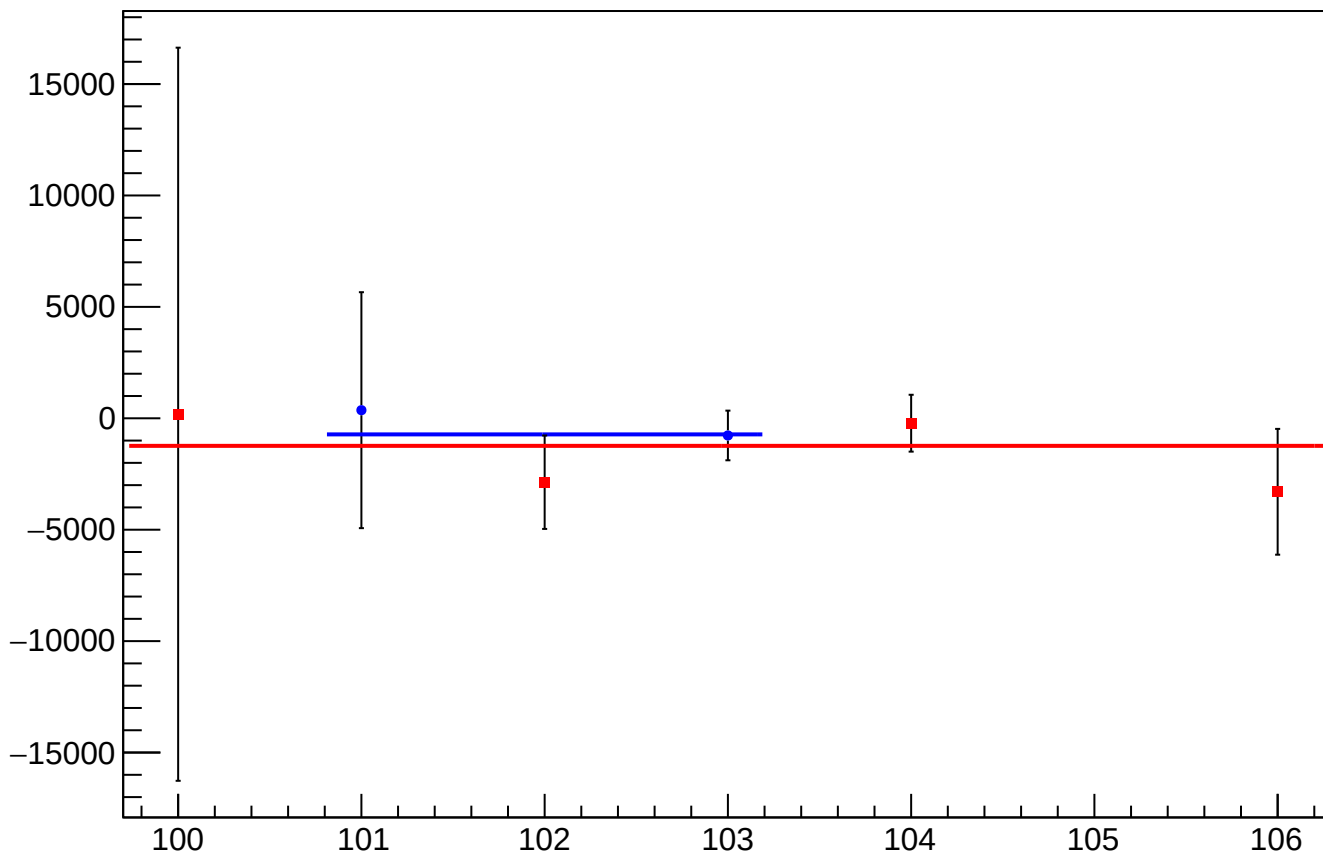
Right: 1862.337 +/- 0.823 χ^2/NDF : 253503.5/5

In: 1850.188 +/- 1.205 χ^2/NDF : 168652.1/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1862.337 +/- 0.823 χ^2/NDF : 253503.5/5

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -722.385+/-1090.497 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1236.706+/-1014.646 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

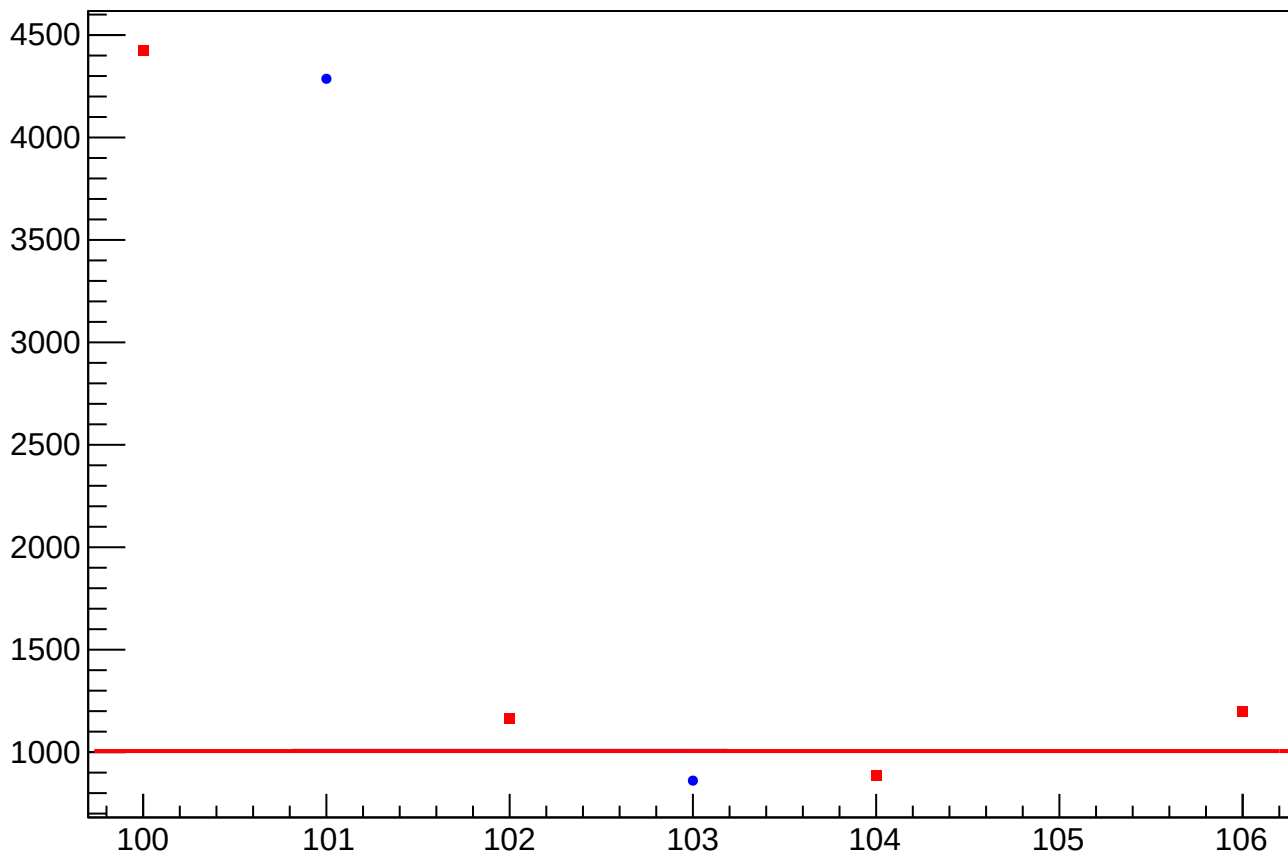
Right: -998.054+/-742.832 χ^2/NDF : 1.9/5

In: -722.385+/-1090.497 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -998.054+/-742.832 χ^2/NDF : 1.9/5

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1006.204+/-0.771 χ^2/NDF : 801786.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1005.241+/-0.717 χ^2/NDF : 124578.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

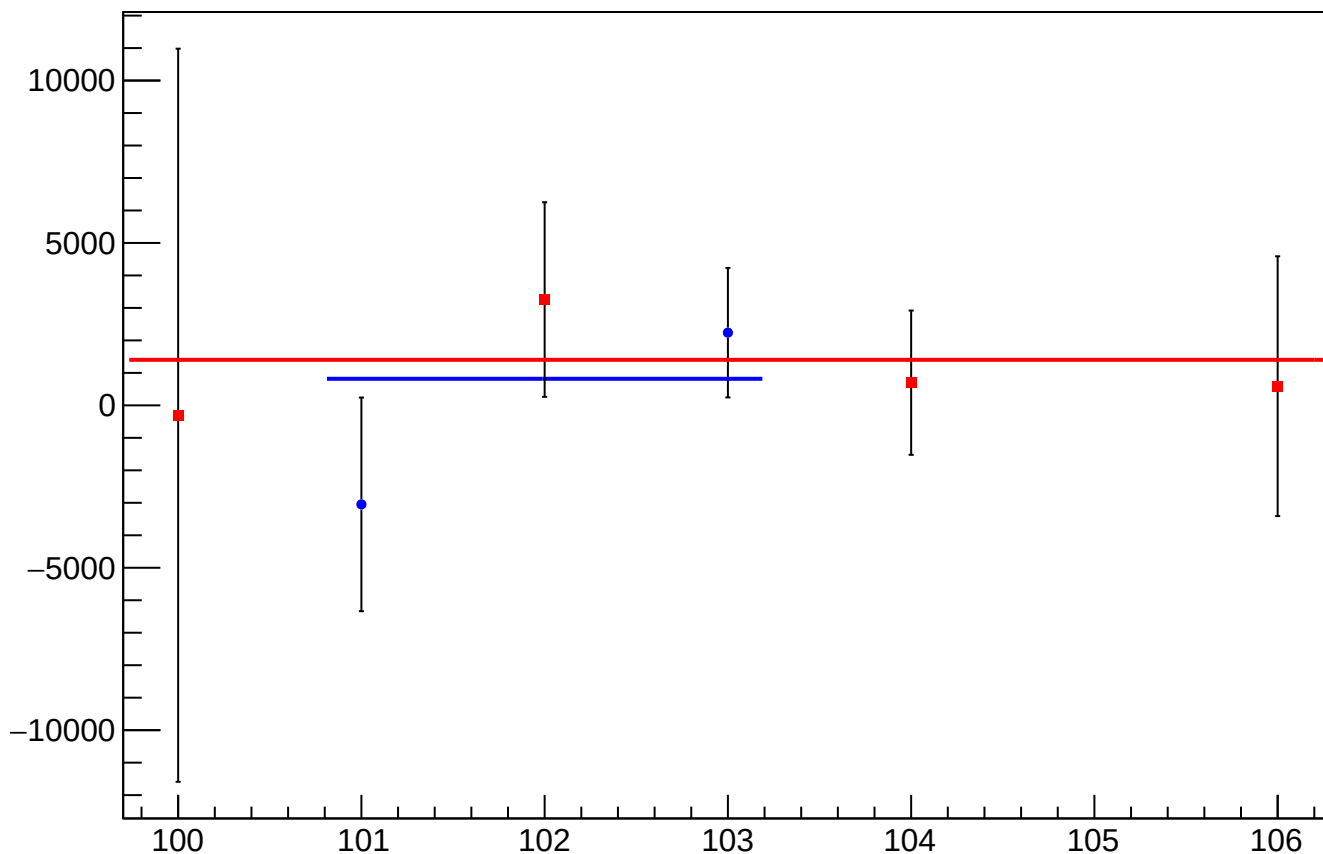
Right: 1005.688+/-0.525 χ^2/NDF : 926364.9/5

In: 1006.204+/-0.771 χ^2/NDF : 801786.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.688+/-0.525 χ^2/NDF : 926364.9/5

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 818.018 $\pm$ 1704.741 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1402.017 $\pm$ 1612.587 χ^2 /NDF: 0.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

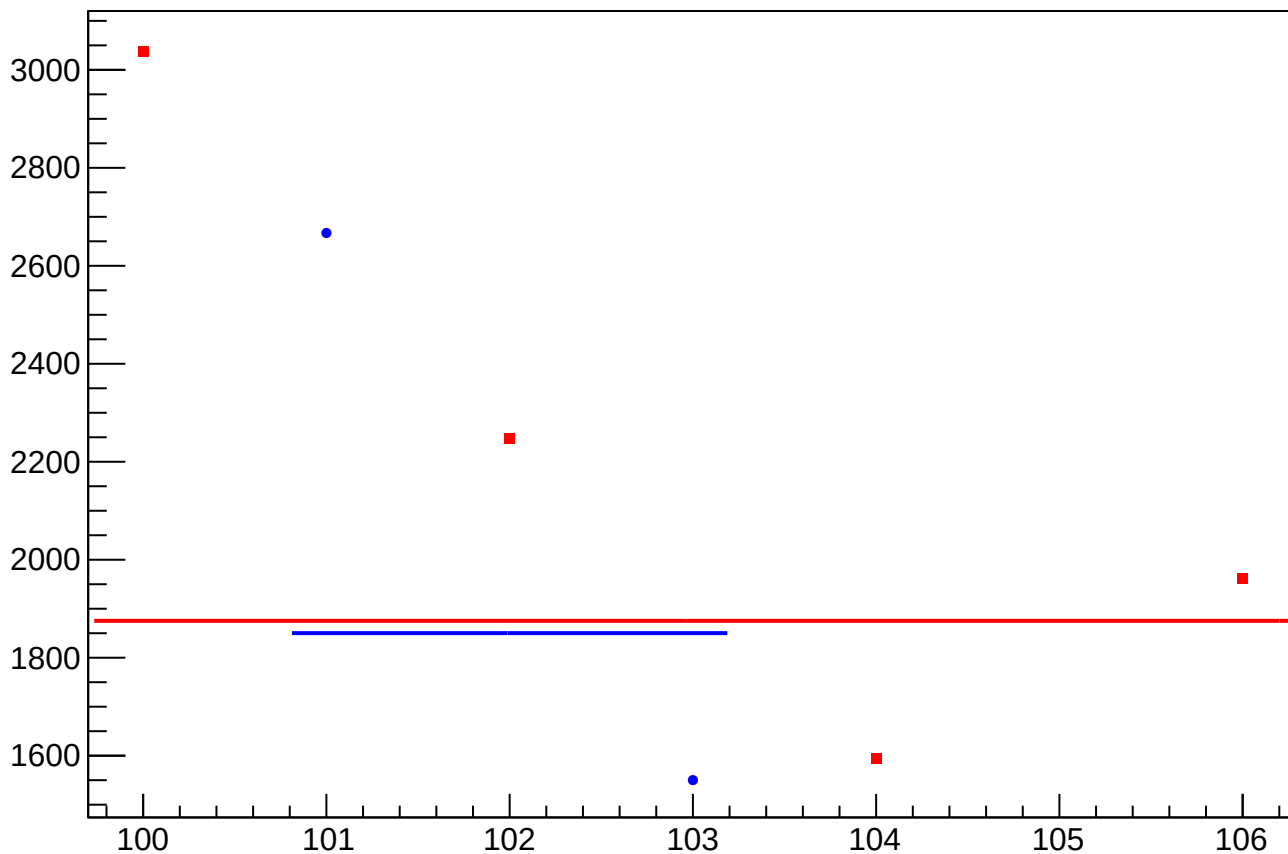
Right: 1126.228 $\pm$ 1171.496 χ^2 /NDF: 2.5/5

In: 818.018 $\pm$ 1704.741 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1126.228 $\pm$ 1171.496 χ^2 /NDF: 2.5/5

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1875.251+/-1.128 χ^2/NDF : 84966.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

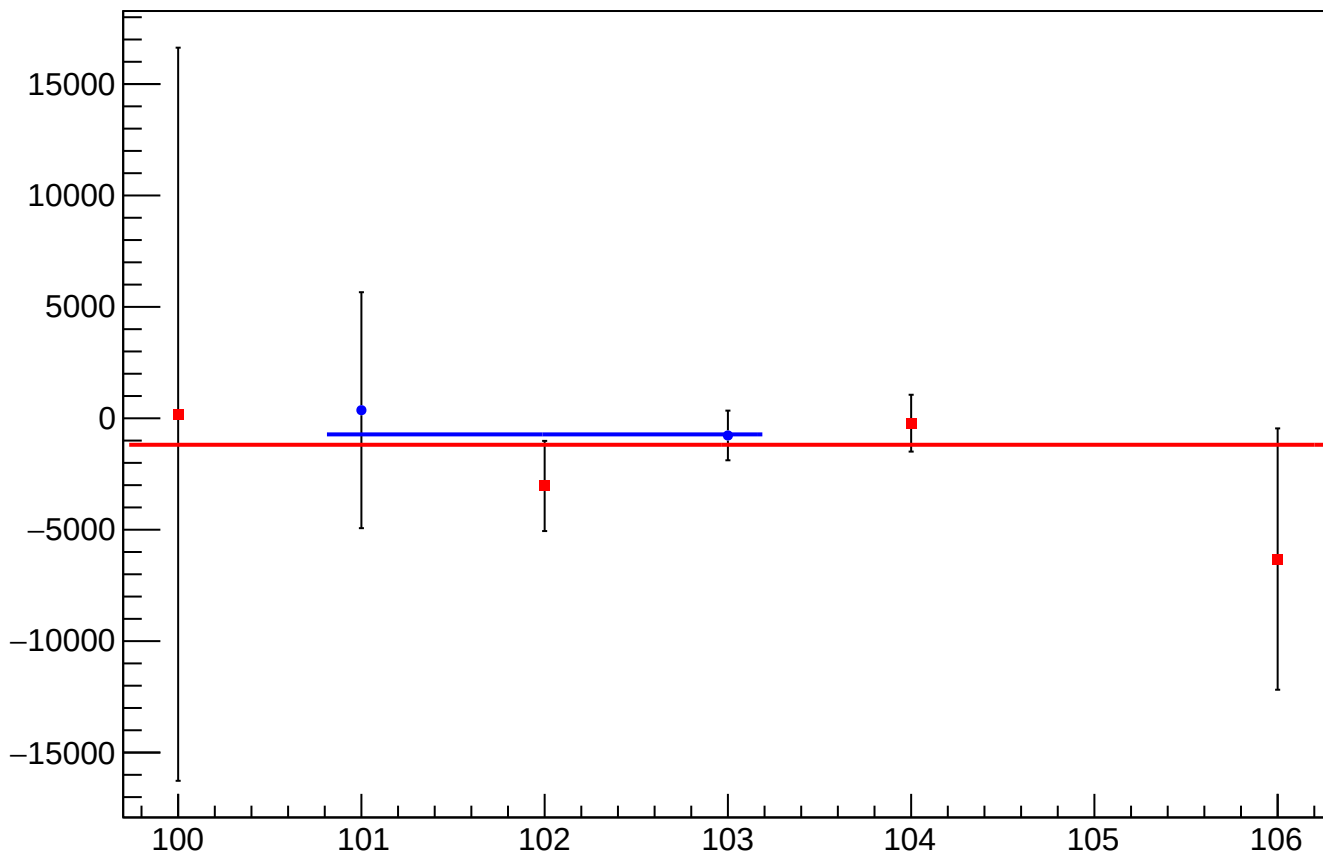
Right: 1863.550+/-0.824 χ^2/NDF : 253849.3/5

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.550+/-0.824 χ^2/NDF : 253849.3/5

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.964+/-1058.995 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

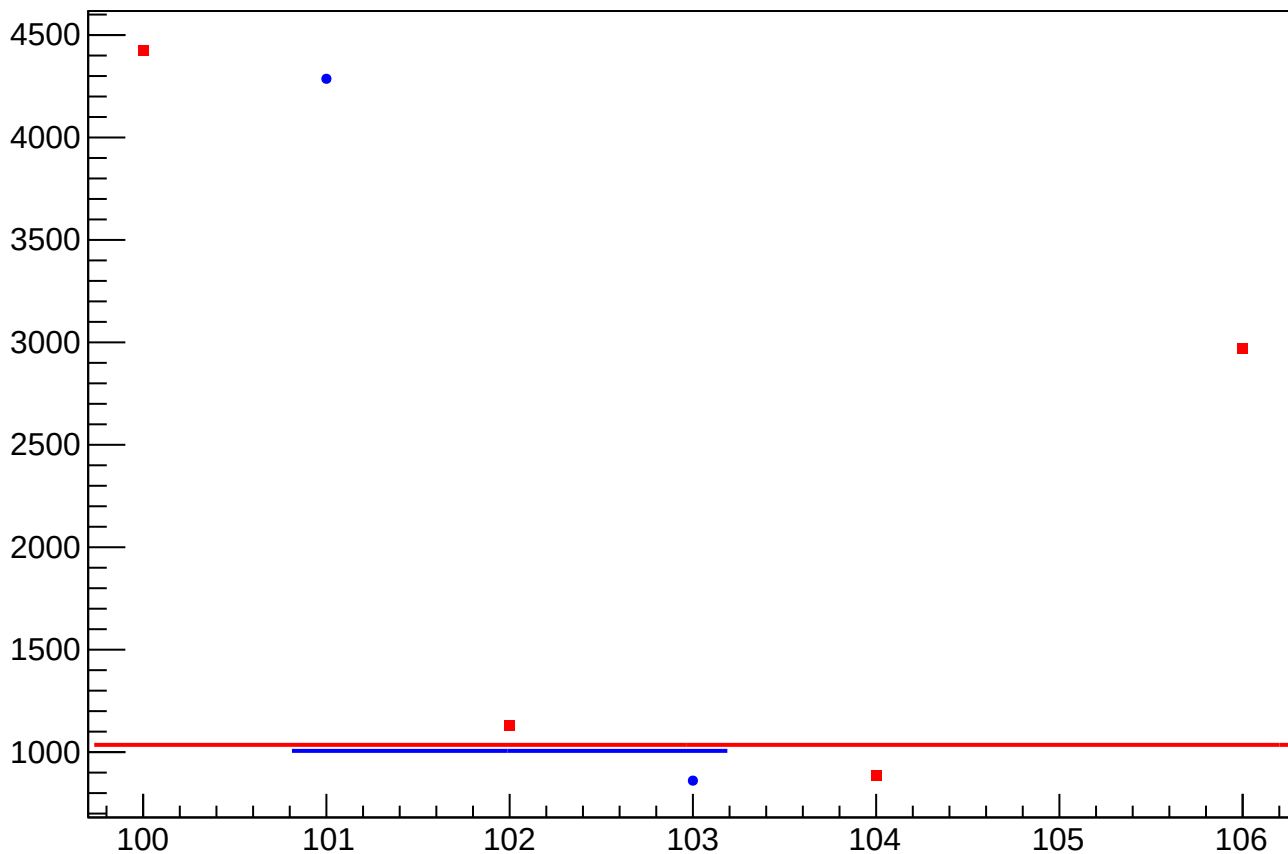
Right: -961.704+/-759.689 χ^2/NDF : 2.3/5

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.704+/-759.689 χ^2/NDF : 2.3/5

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.500+/-0.749 χ^2/NDF : 333821.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

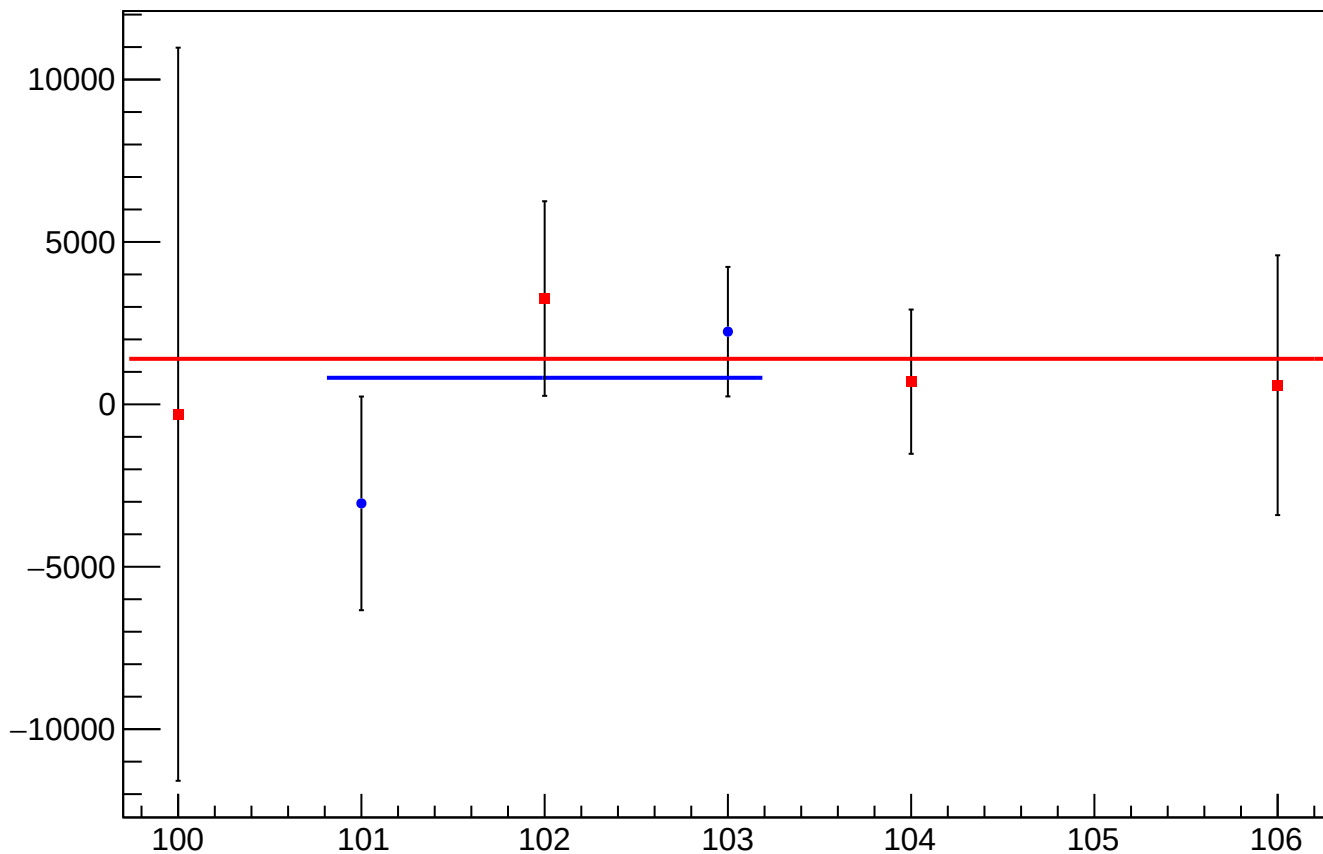
Right: 1021.244+/-0.537 χ^2/NDF : 1136386.1/5

In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.244+/-0.537 χ^2/NDF : 1136386.1/5

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 818.018+/-1704.741 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1402.017+/-1612.587 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

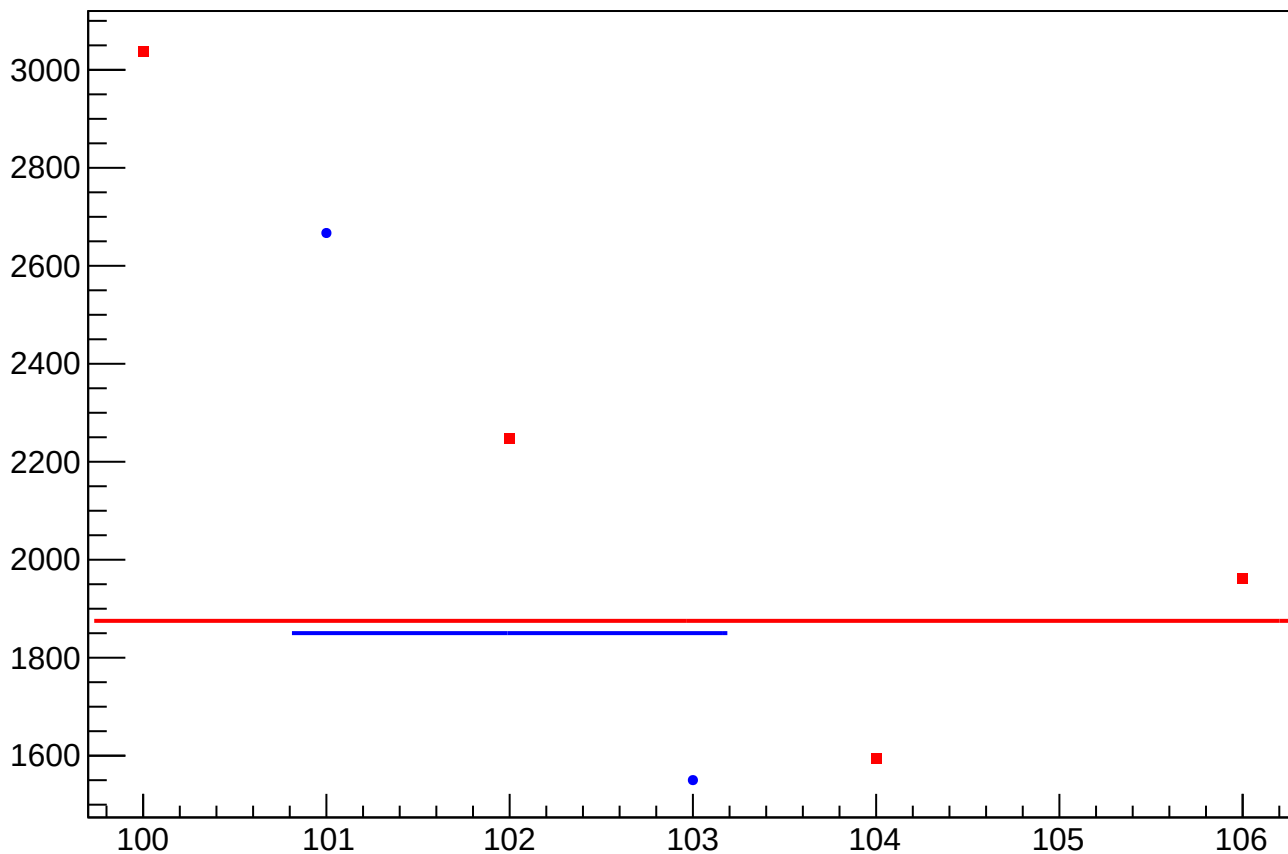
Right: 1126.228+/-1171.496 χ^2/NDF : 2.5/5

In: 818.018+/-1704.741 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.228+/-1171.496 χ^2/NDF : 2.5/5

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1875.251+/-1.128 χ^2/NDF : 84966.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

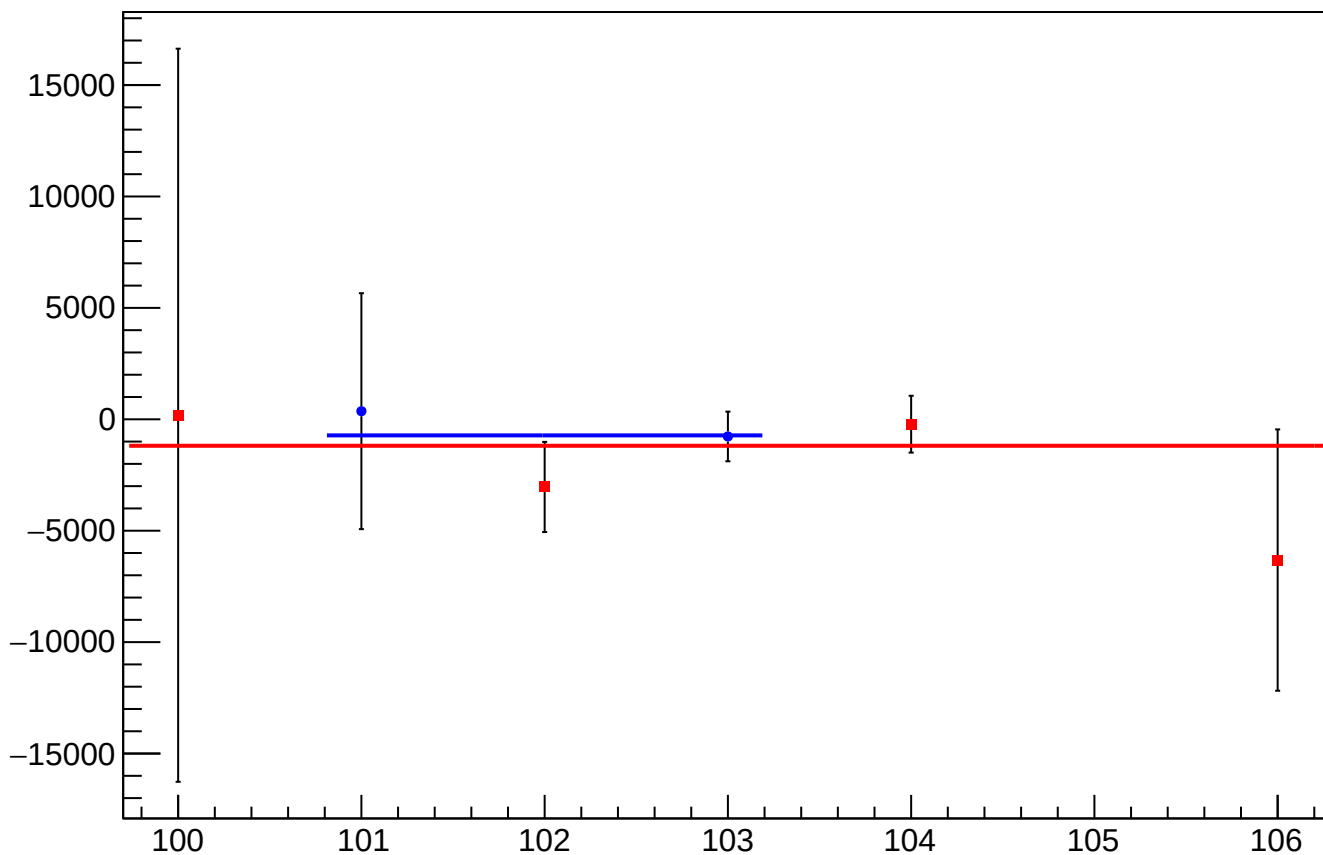
Right: 1863.550+/-0.824 χ^2/NDF : 253849.3/5

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1863.550+/-0.824 χ^2/NDF : 253849.3/5

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1187.964+/-1058.995 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

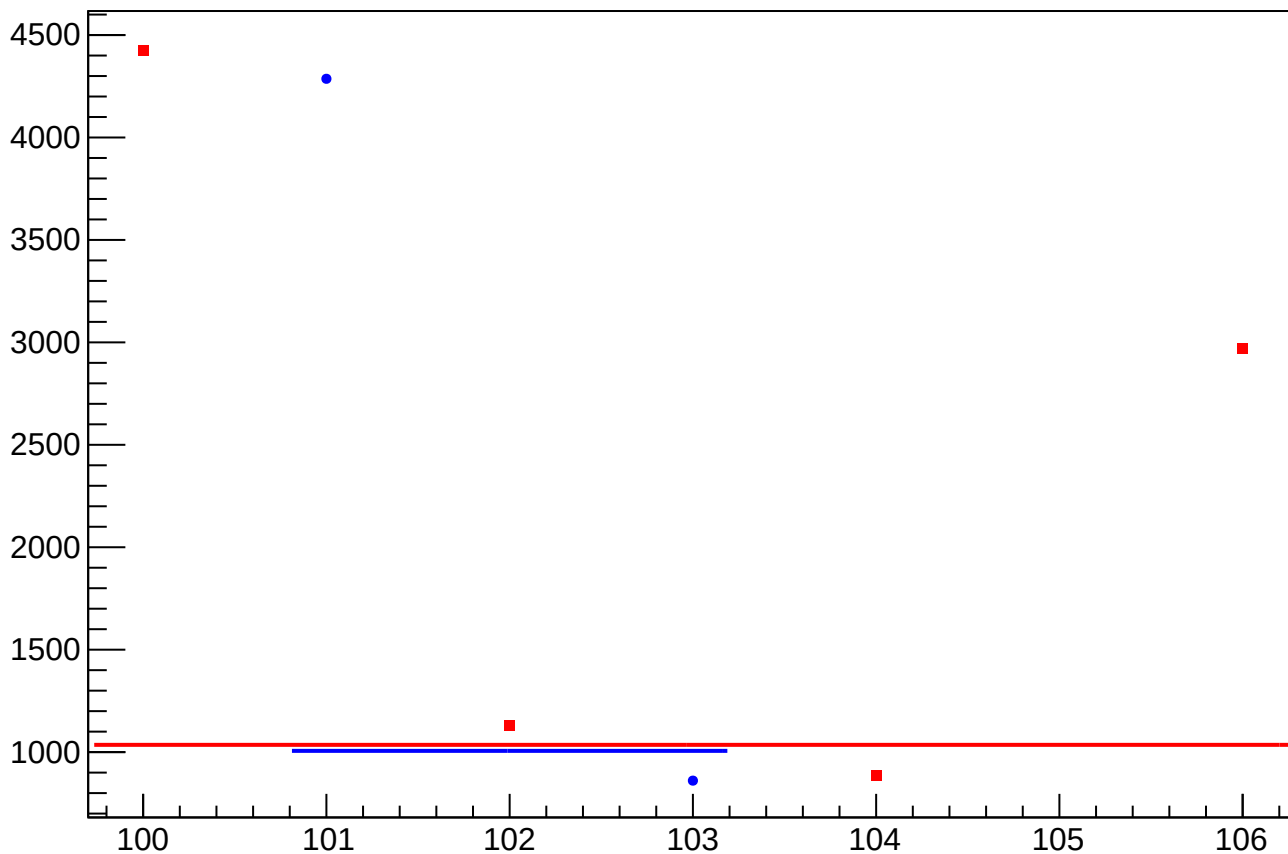
Right: -961.704+/-759.689 χ^2/NDF : 2.3/5

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -961.704+/-759.689 χ^2/NDF : 2.3/5

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.500+/-0.749 χ^2/NDF : 333821.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

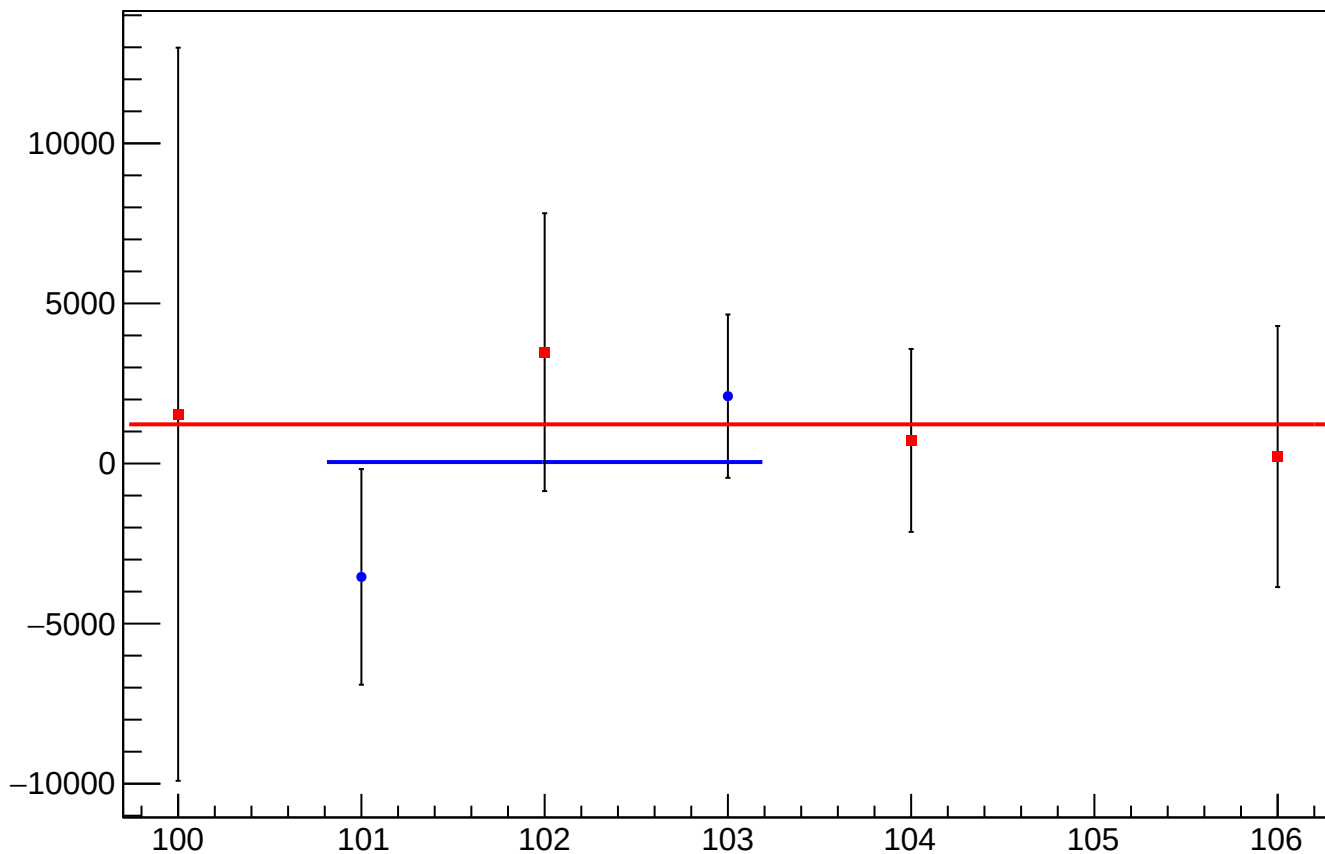
Right: 1021.244+/-0.537 χ^2/NDF : 1136386.1/5

In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.244+/-0.537 χ^2/NDF : 1136386.1/5

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 45.615+/-2033.202 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1223.731+/-2026.846 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

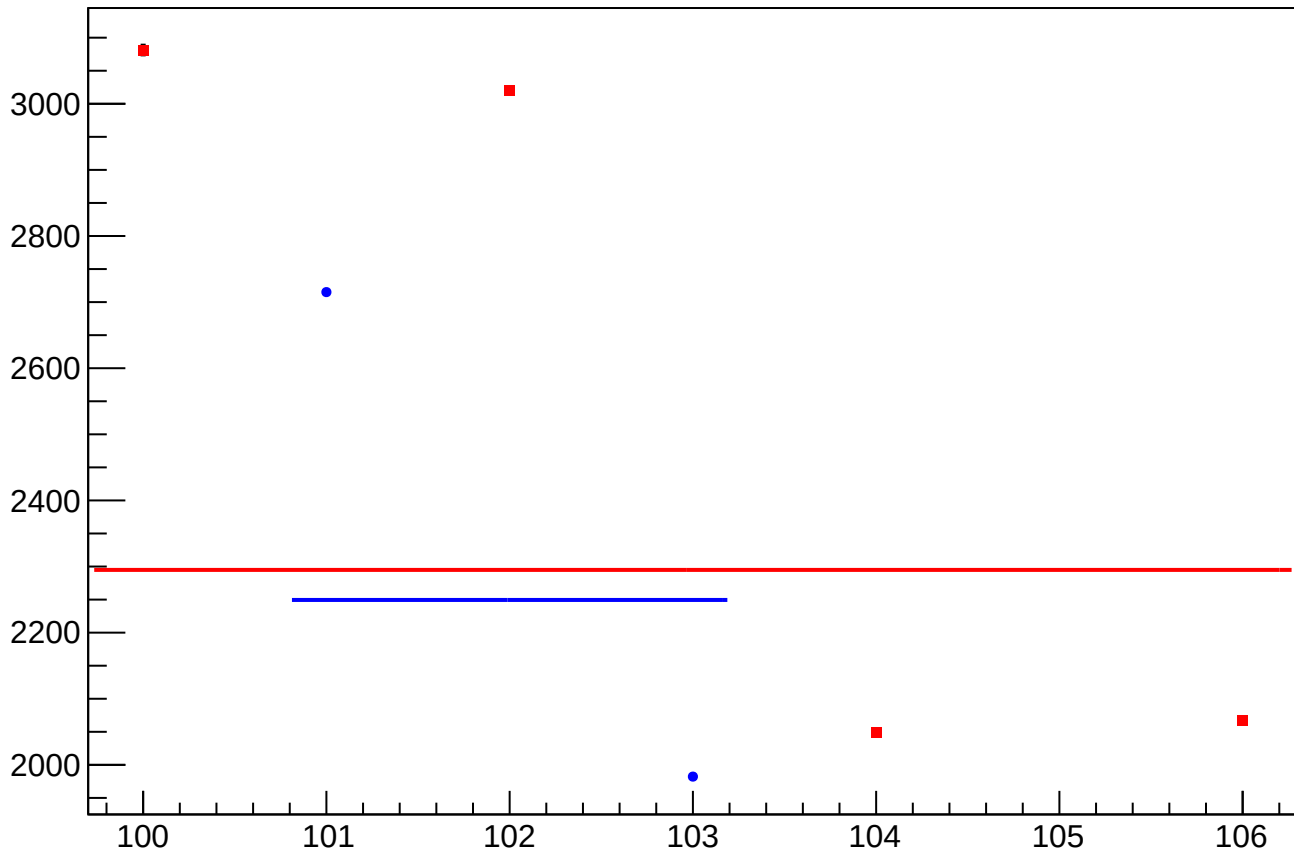
Right: 636.517+/-1435.438 χ^2/NDF : 2.3/5

In: 45.615+/-2033.202 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.517+/-1435.438 χ^2/NDF : 2.3/5

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2249.464+/-1.438 χ^2/NDF : 60204.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.912+/-1.424 χ^2/NDF : 86815.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

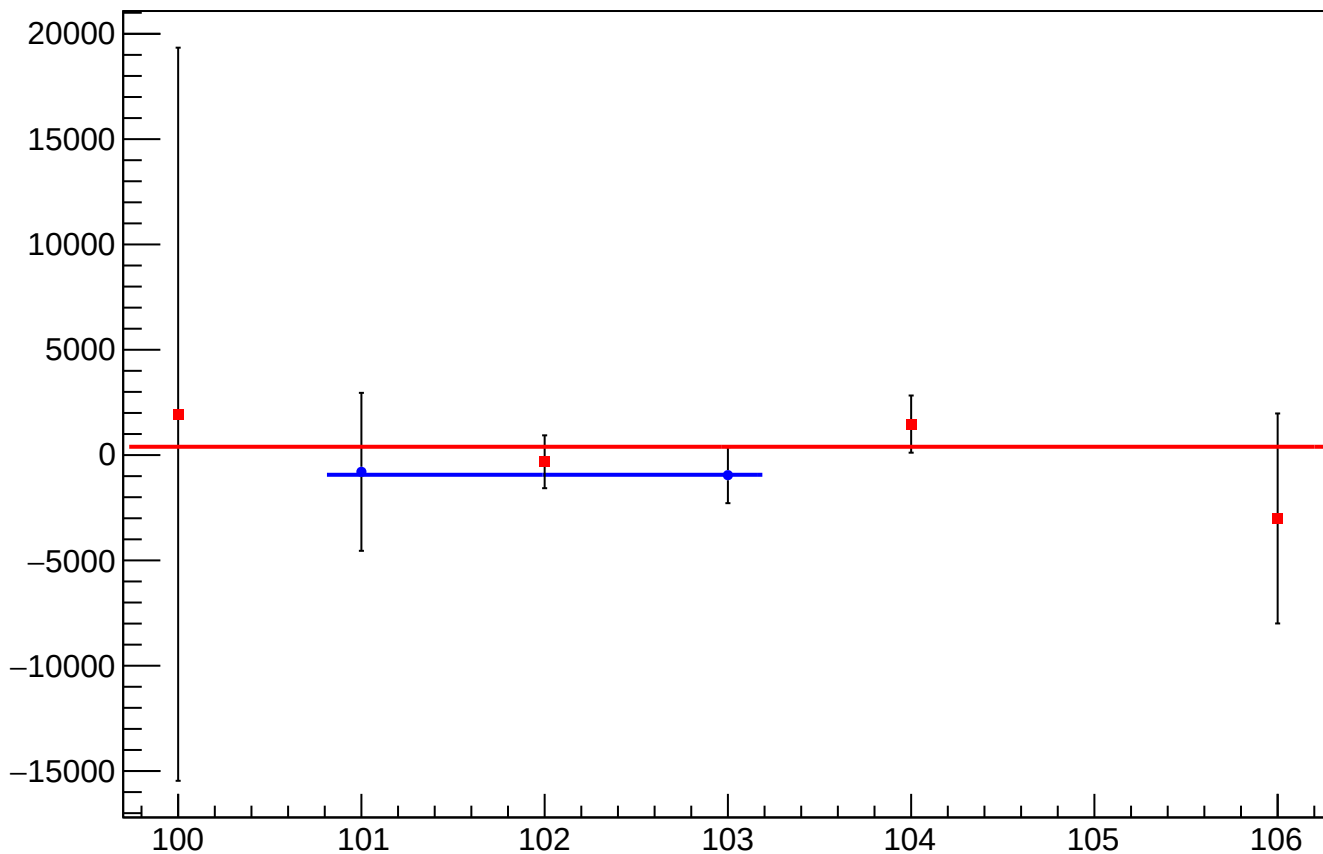
Right: 2272.405+/-1.012 χ^2/NDF : 147524.0/5

In: 2249.464+/-1.438 χ^2/NDF : 60204.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2272.405+/-1.012 χ^2/NDF : 147524.0/5

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -935.111+/-1253.802 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.809+/-904.751 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

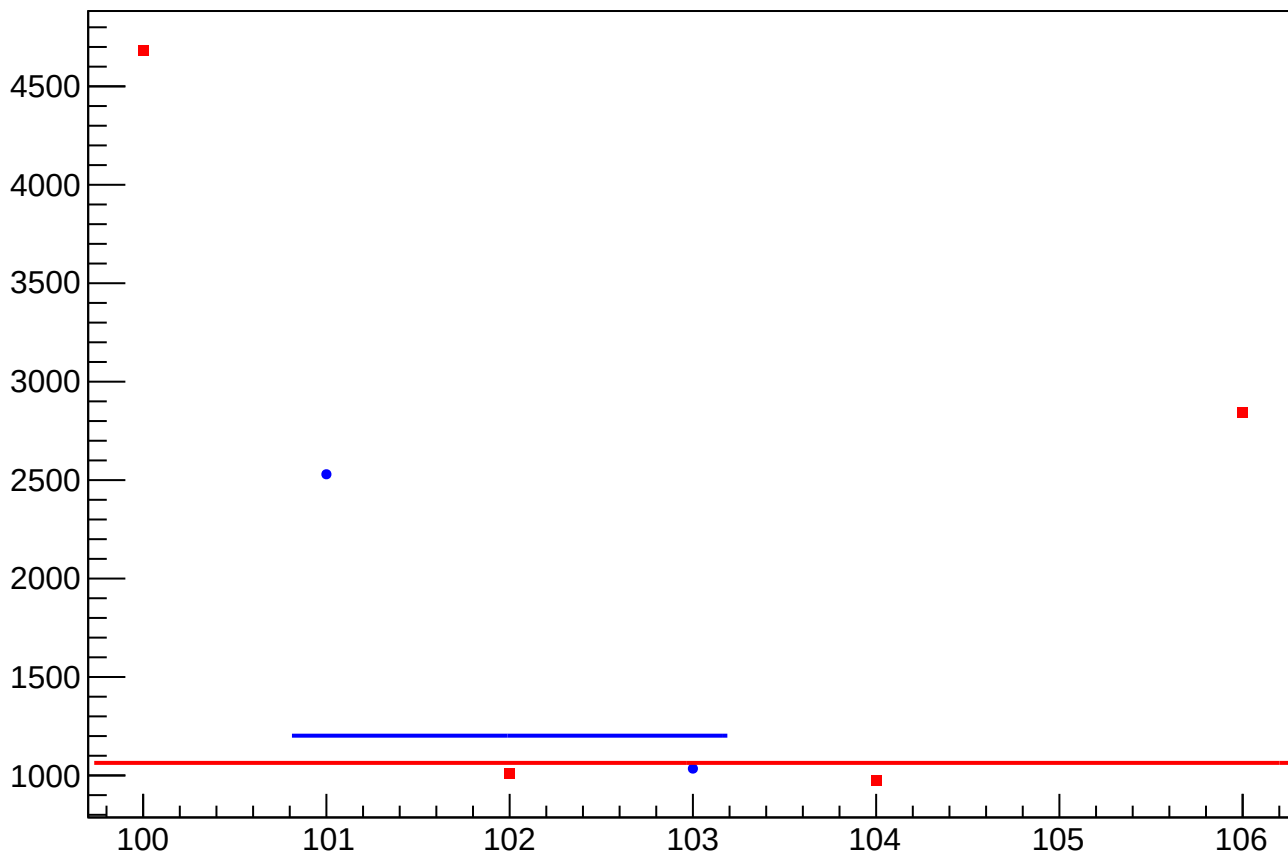
Right: -60.575+/-733.677 χ^2/NDF : 2.2/5

In: -935.111+/-1253.802 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.575+/-733.677 χ^2/NDF : 2.2/5

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959+/-0.887 χ^2/NDF : 282328.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.744+/-0.640 χ^2/NDF : 353908.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

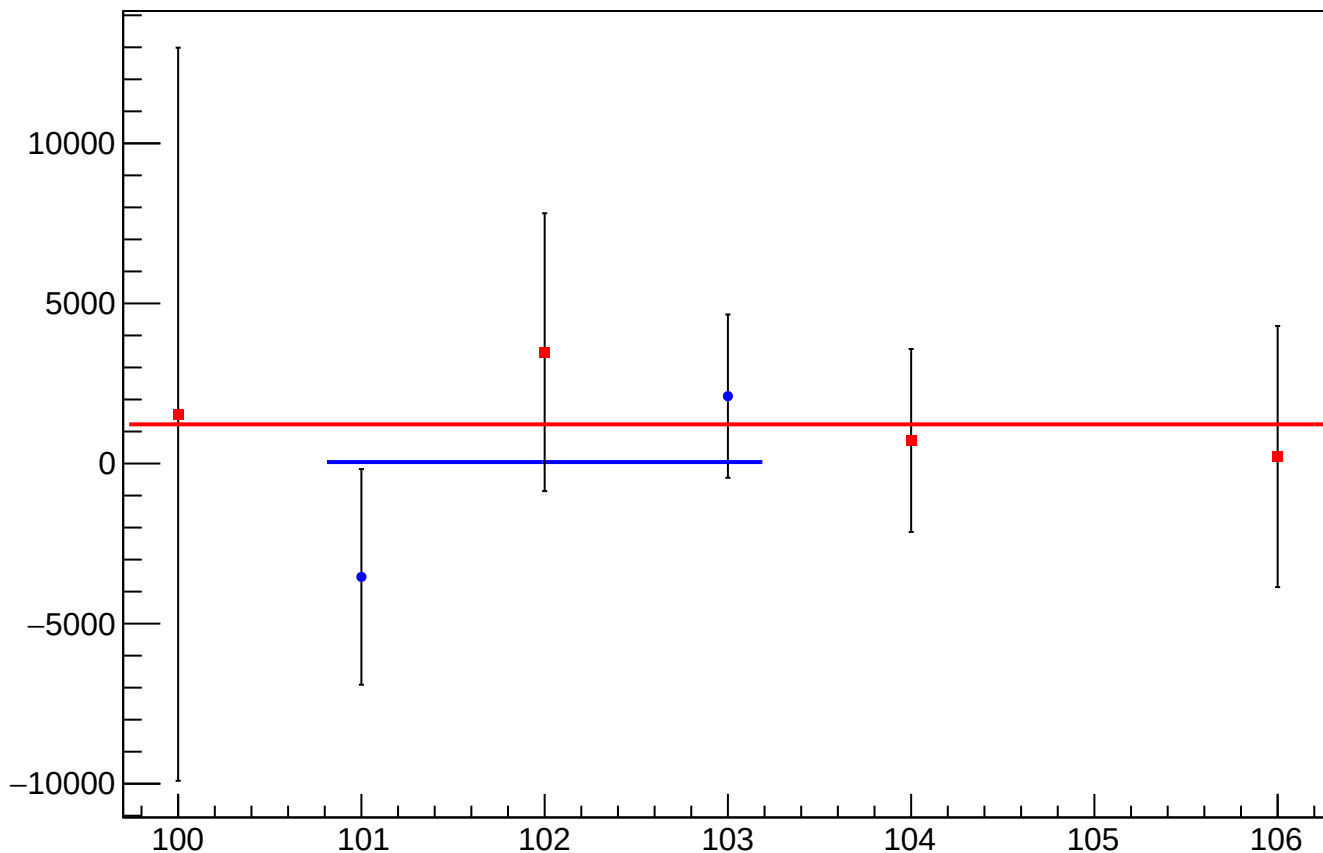
Right: 1111.071+/-0.519 χ^2/NDF : 652219.0/5

In: 1201.959+/-0.887 χ^2/NDF : 282328.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.071+/-0.519 χ^2/NDF : 652219.0/5

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 45.599+/-2033.199 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1223.734+/-2026.844 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

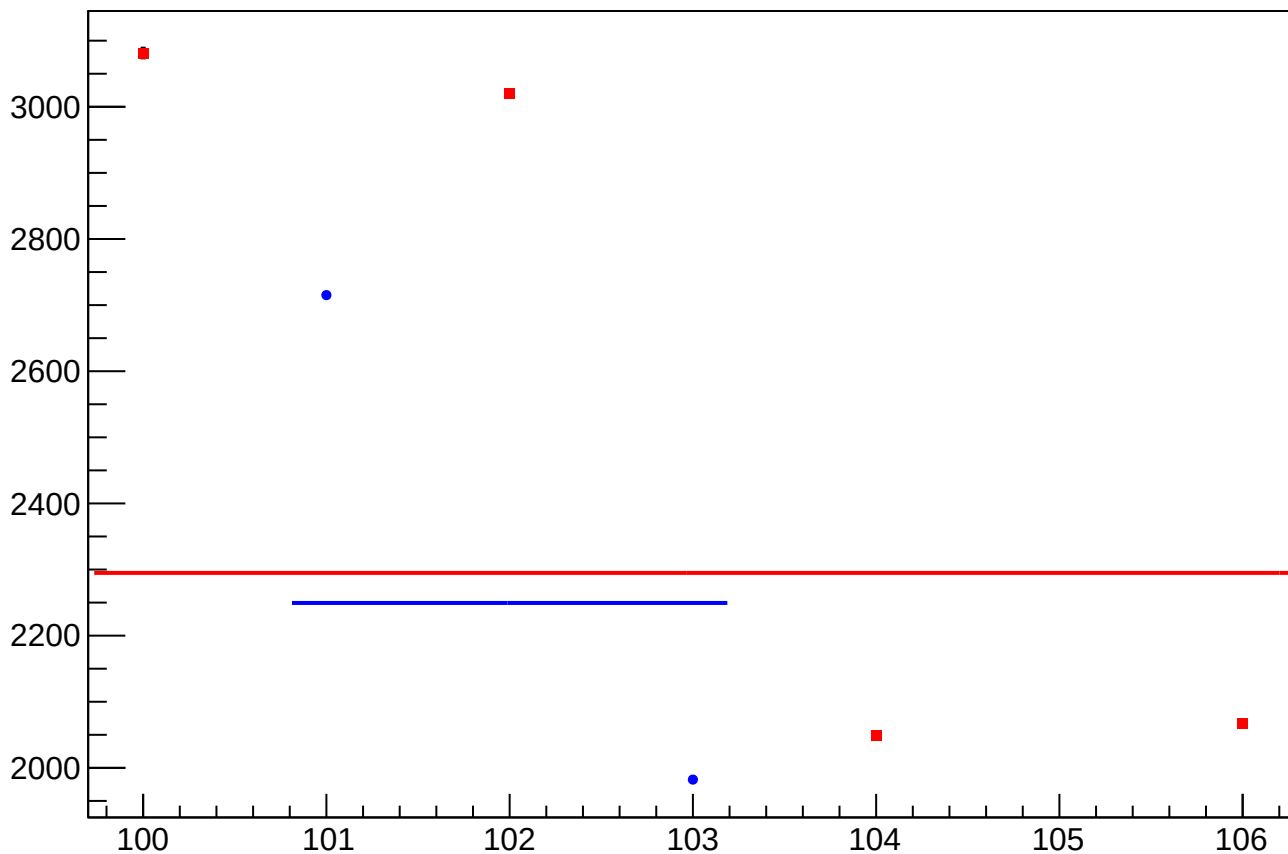
Right: 636.511+/-1435.437 χ^2/NDF : 2.3/5

In: 45.599+/-2033.199 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 636.511+/-1435.437 χ^2/NDF : 2.3/5

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2249.460+/-1.438 χ^2/NDF : 60204.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2294.909+/-1.424 χ^2/NDF : 86815.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

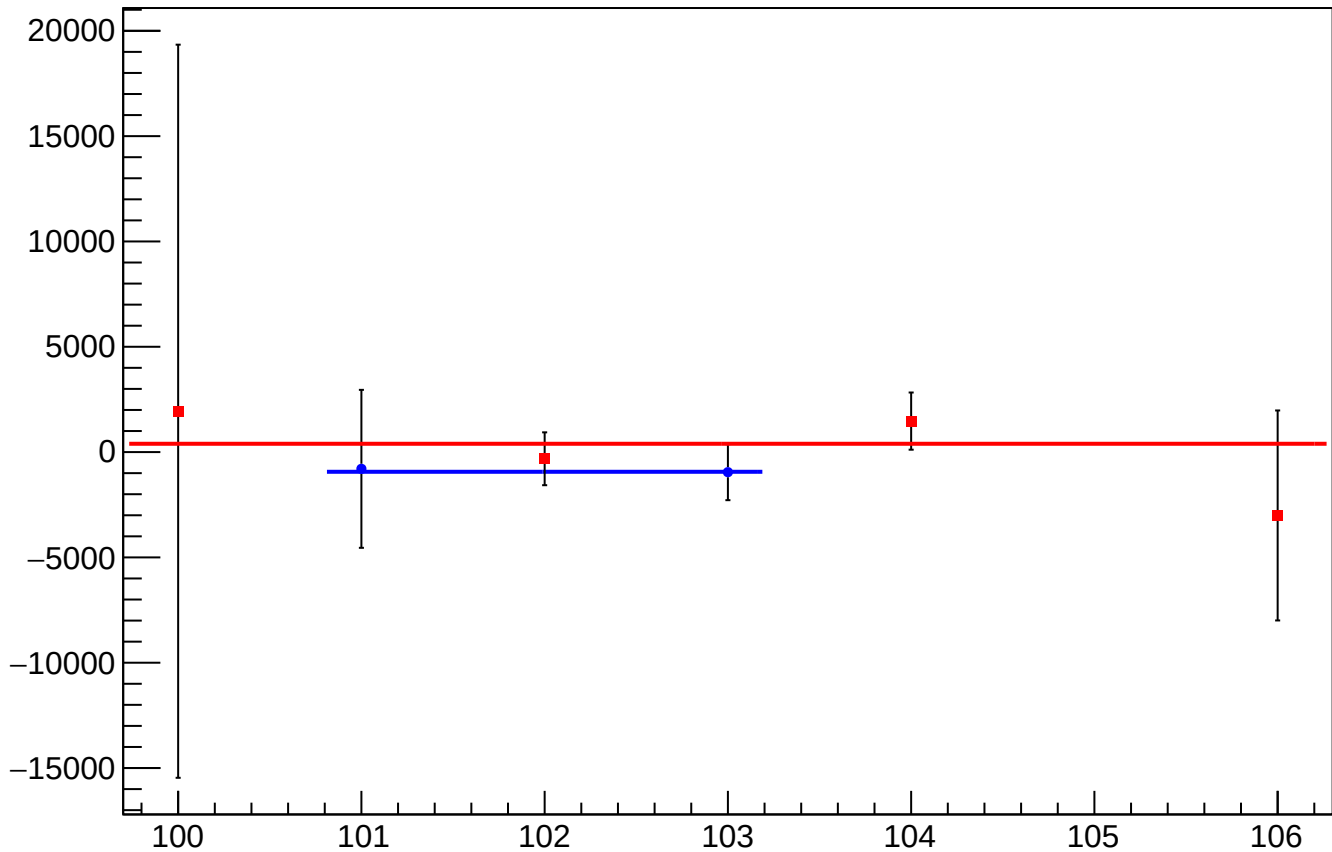
Right: 2272.402+/-1.012 χ^2/NDF : 147524.5/5

In: 2249.460+/-1.438 χ^2/NDF : 60204.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2272.402+/-1.012 χ^2/NDF : 147524.5/5

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -935.117+/-1253.801 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 394.803+/-904.750 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

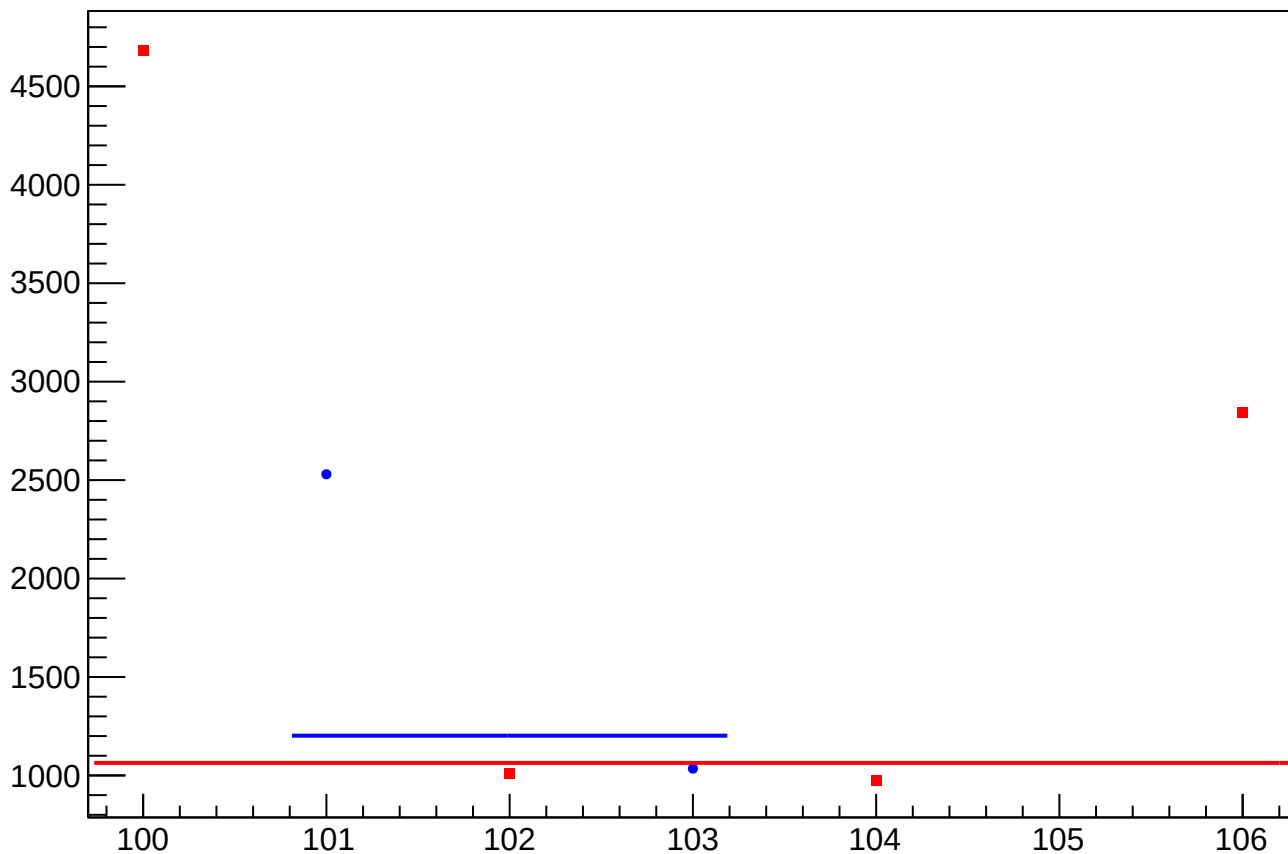
Right: -60.581+/-733.677 χ^2/NDF : 2.2/5

In: -935.117+/-1253.801 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.581+/-733.677 χ^2/NDF : 2.2/5

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959 $\pm$ 0.887 χ^2/NDF : 282328.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1063.744 $\pm$ 0.640 χ^2/NDF : 353907.6/3

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

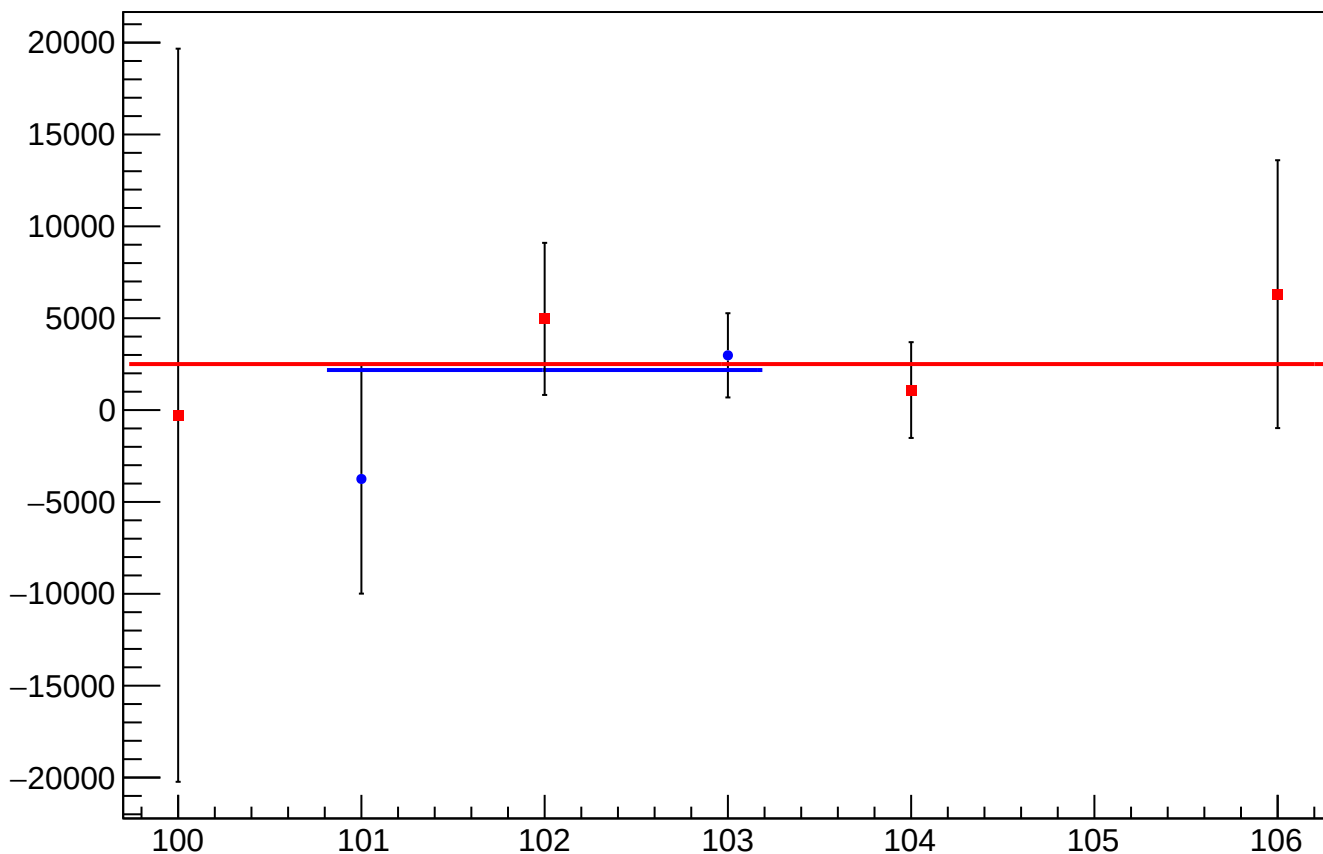
Right: 1111.071 $\pm$ 0.519 χ^2/NDF : 652218.4/5

In: 1201.959 $\pm$ 0.887 χ^2/NDF : 282328.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1111.071 $\pm$ 0.519 χ^2/NDF : 652218.4/5

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2179.928+/-2151.402 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2503.795+/-2099.406 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

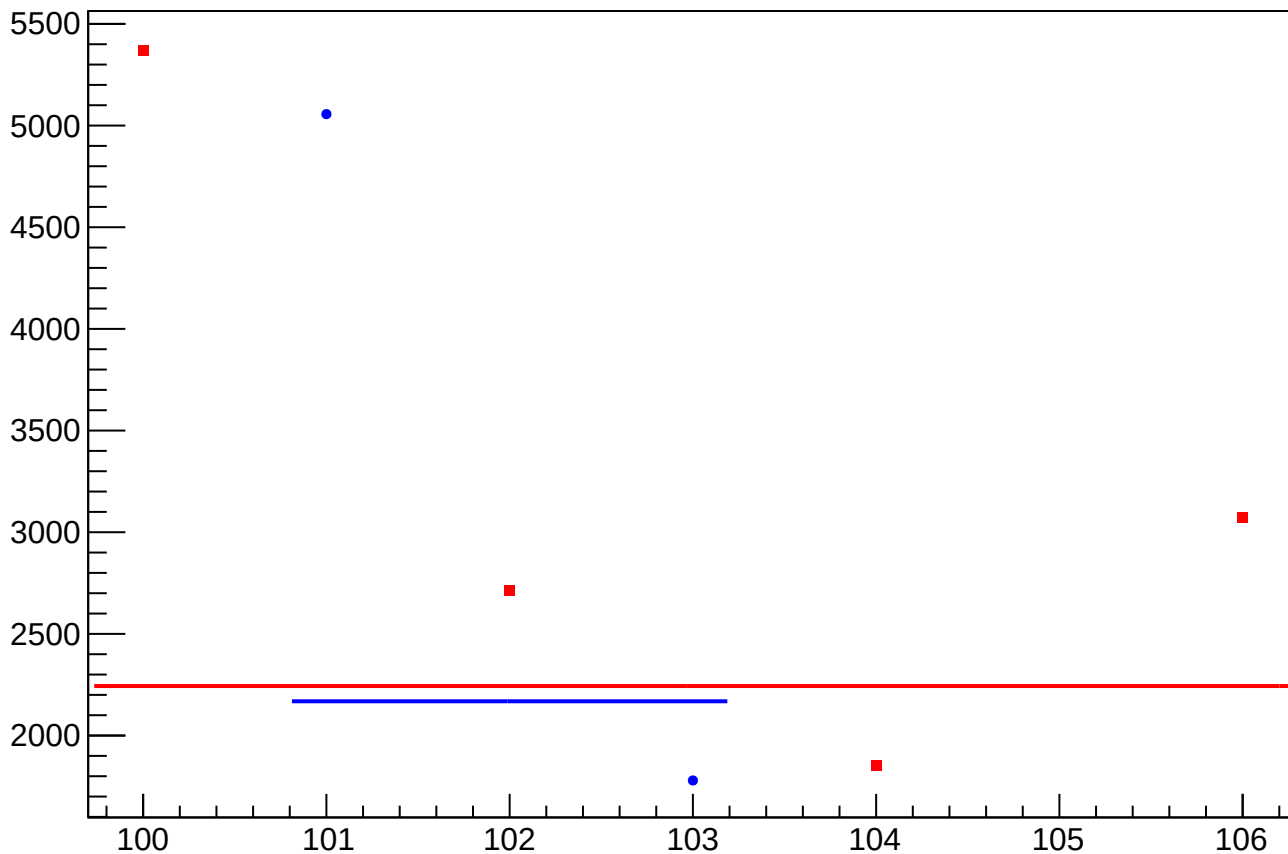
Right: 2345.823+/-1502.550 χ^2/NDF : 2.0/5

In: 2179.928+/-2151.402 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2345.823+/-1502.550 χ^2/NDF : 2.0/5

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2168.571+/-1.521 χ^2/NDF : 485980.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2243.541+/-1.458 χ^2/NDF : 157747.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

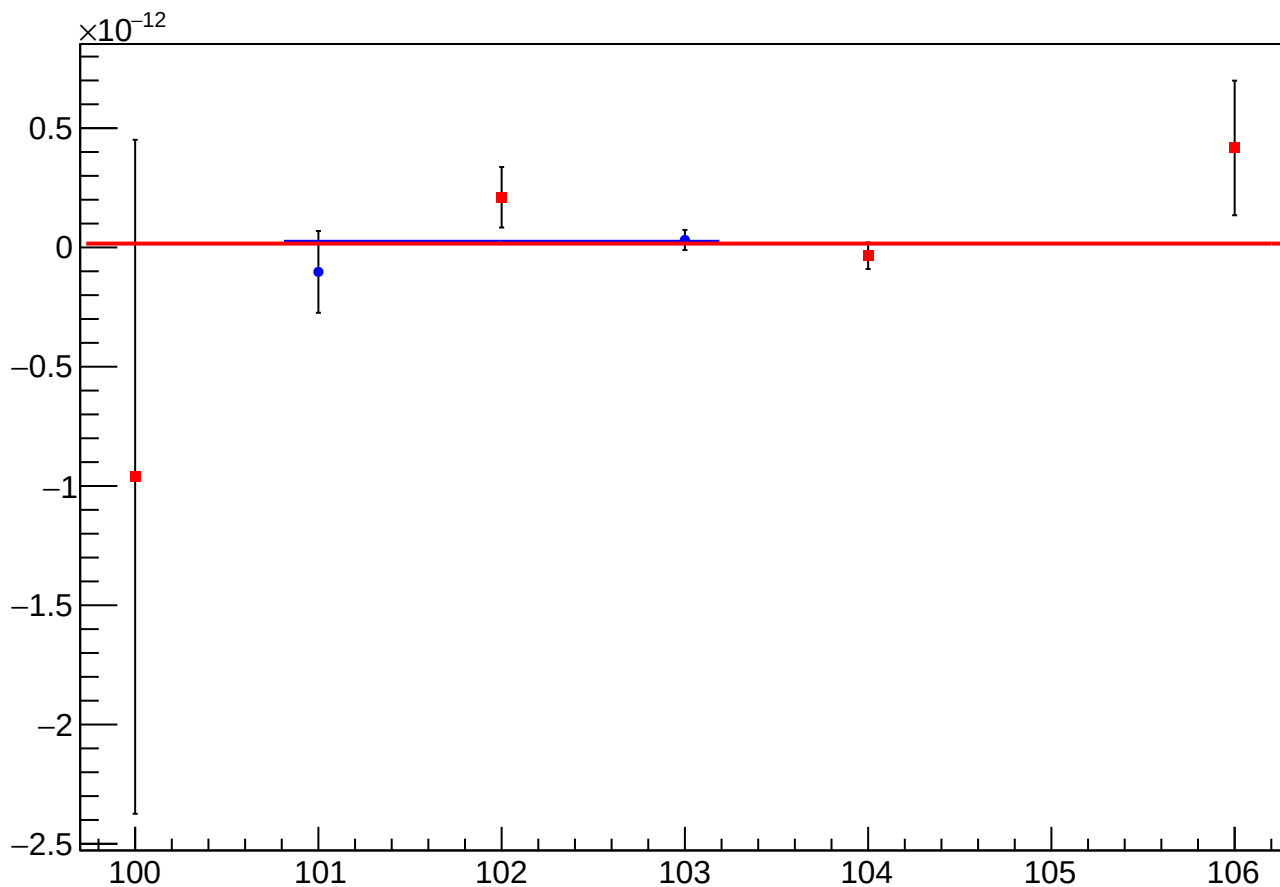
Right: 2207.654+/-1.053 χ^2/NDF : 644994.2/5

In: 2168.571+/-1.521 χ^2/NDF : 485980.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.654+/-1.053 χ^2/NDF : 644994.2/5

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

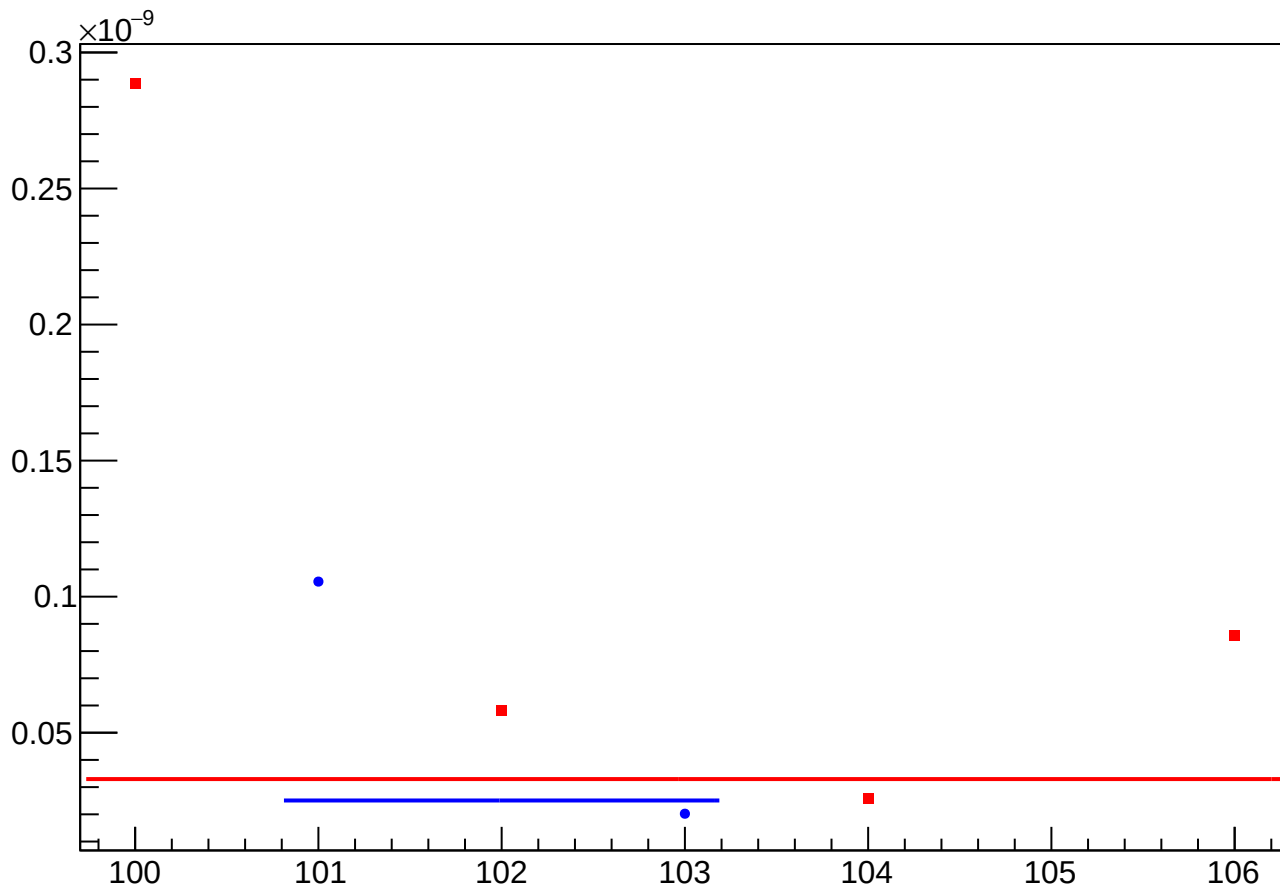
Right: 0.000+/-0.000 χ^2 /NDF: 6.3/5

In: 0.000+/-0.000 χ^2 /NDF: 0.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 6.3/5

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 466839.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 250406.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

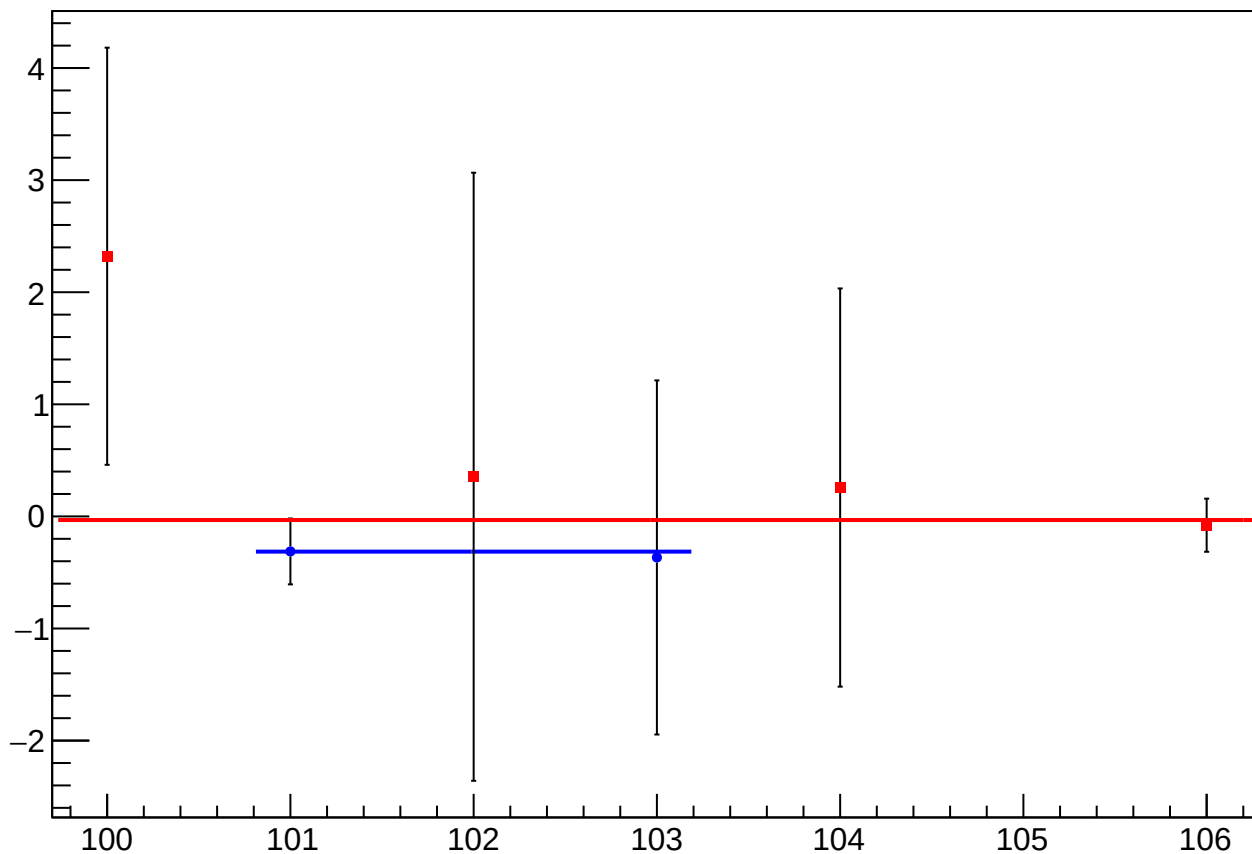
Right: 0.000+/-0.000 χ^2/NDF : 746964.9/5

In: 0.000+/-0.000 χ^2/NDF : 466839.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 746964.9/5

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.232 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

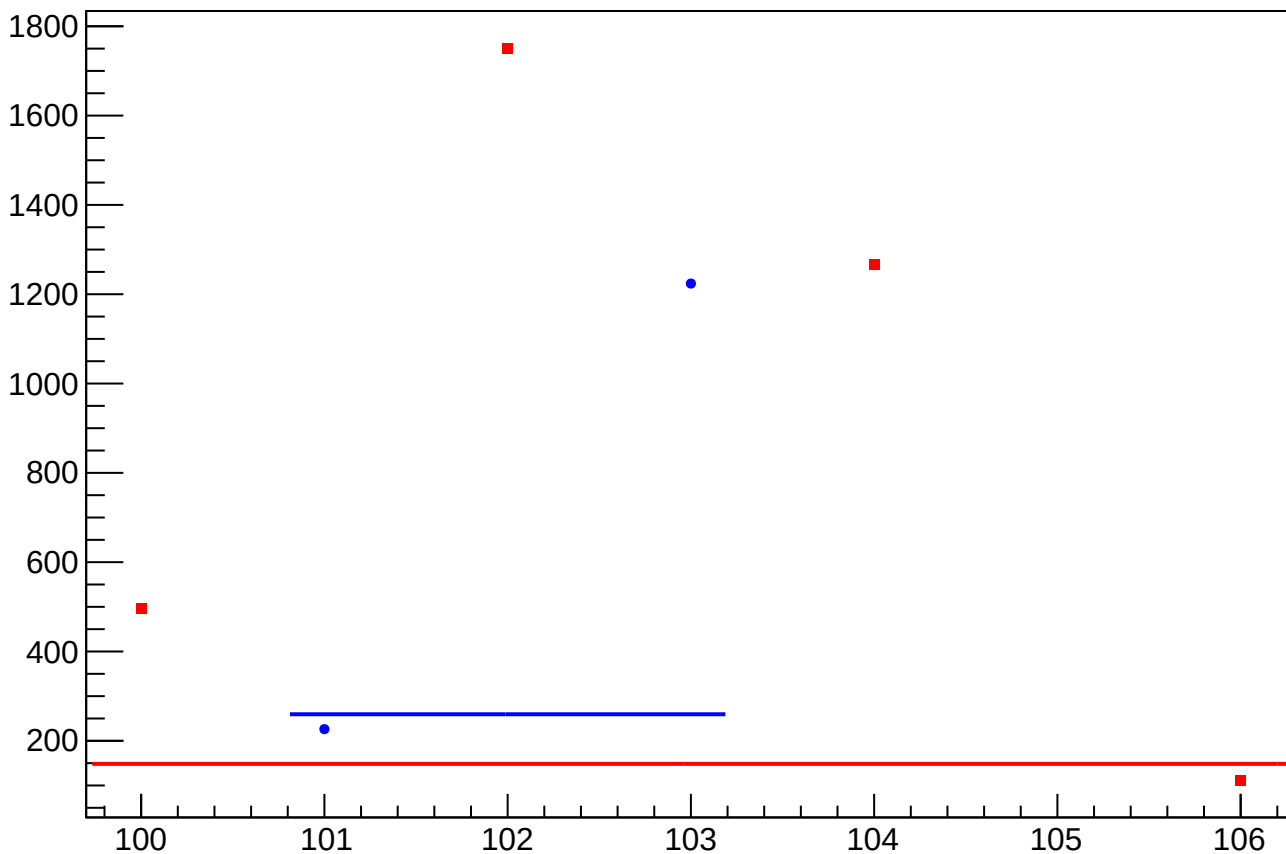
Right: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.405+/-0.164 χ^2/NDF : 1611900.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

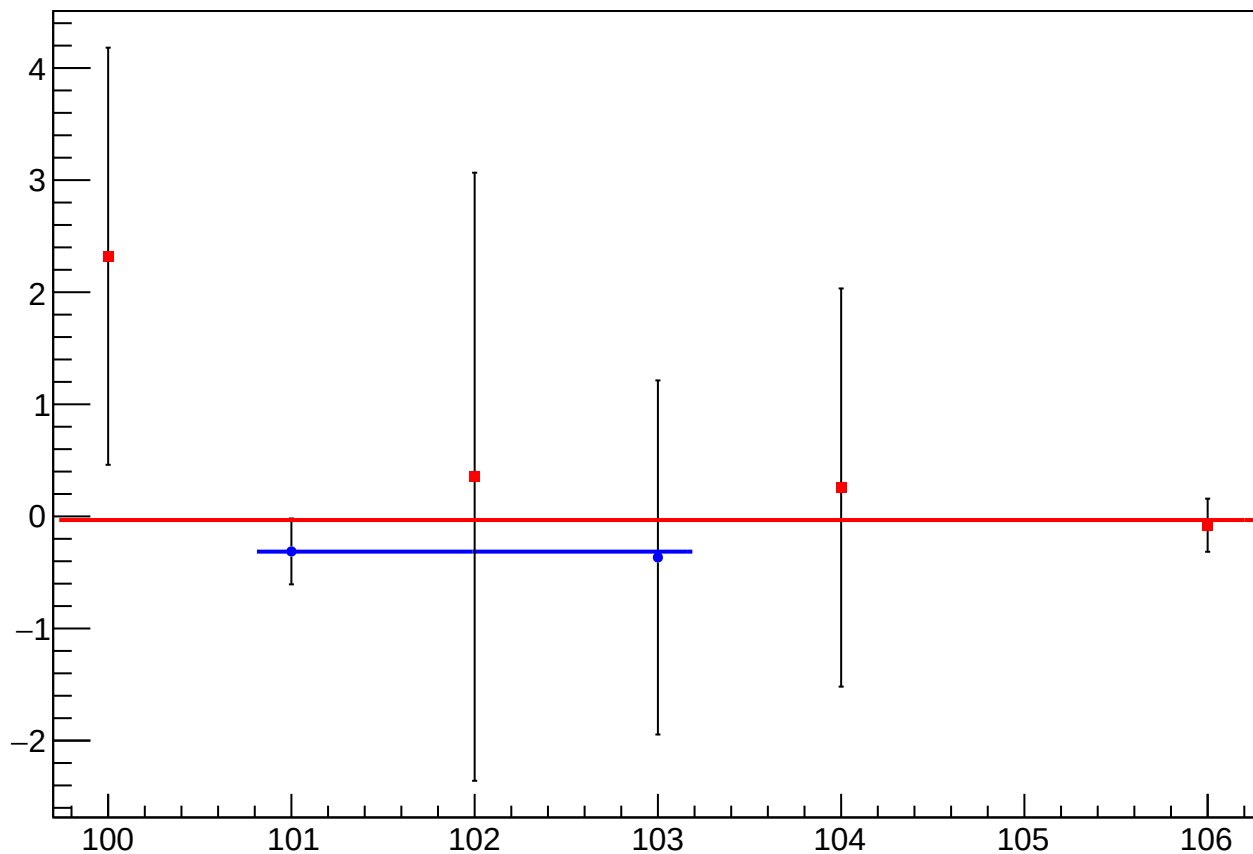
Right: 191.999+/-0.128 χ^2/NDF : 2562983.1/5

In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.999+/-0.128 χ^2/NDF : 2562983.1/5

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.232 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

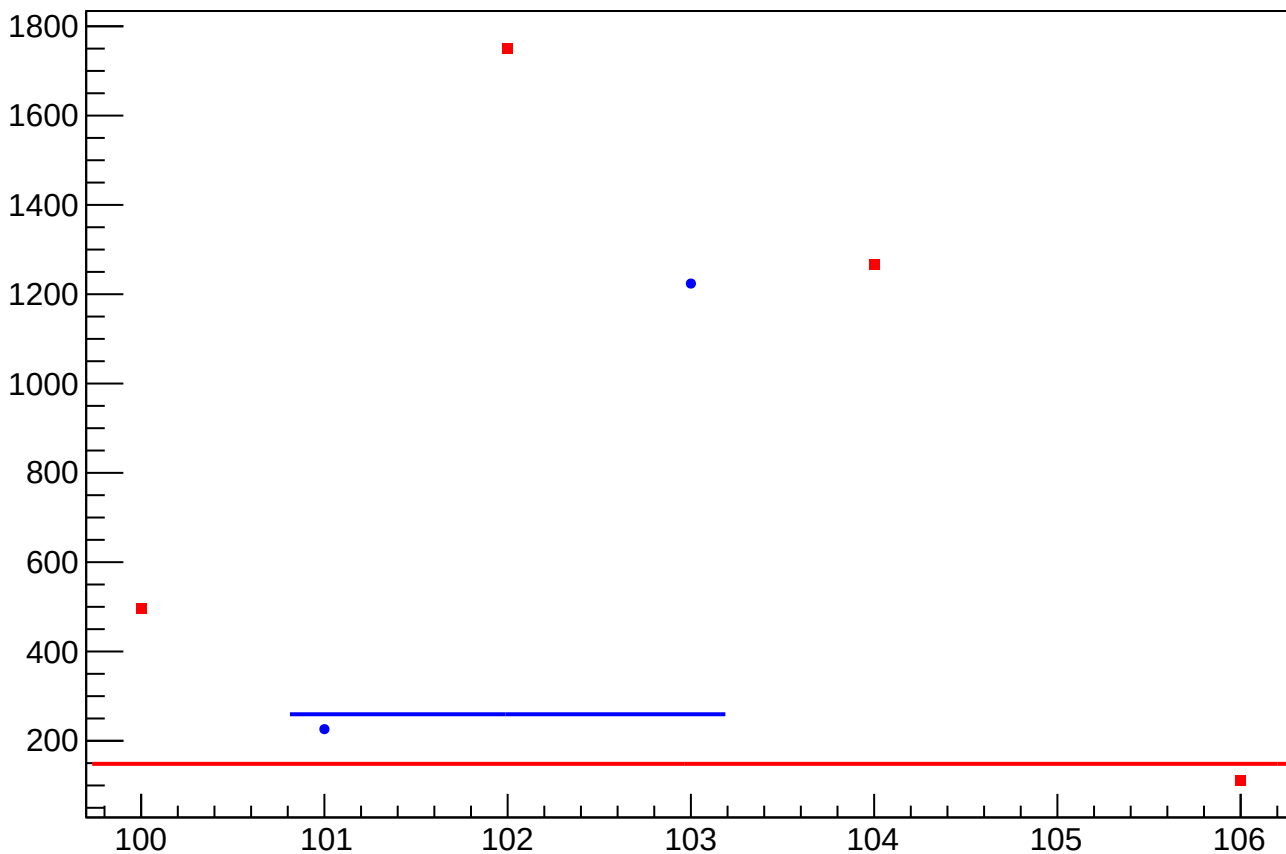
Right: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.405+/-0.164 χ^2/NDF : 1611900.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

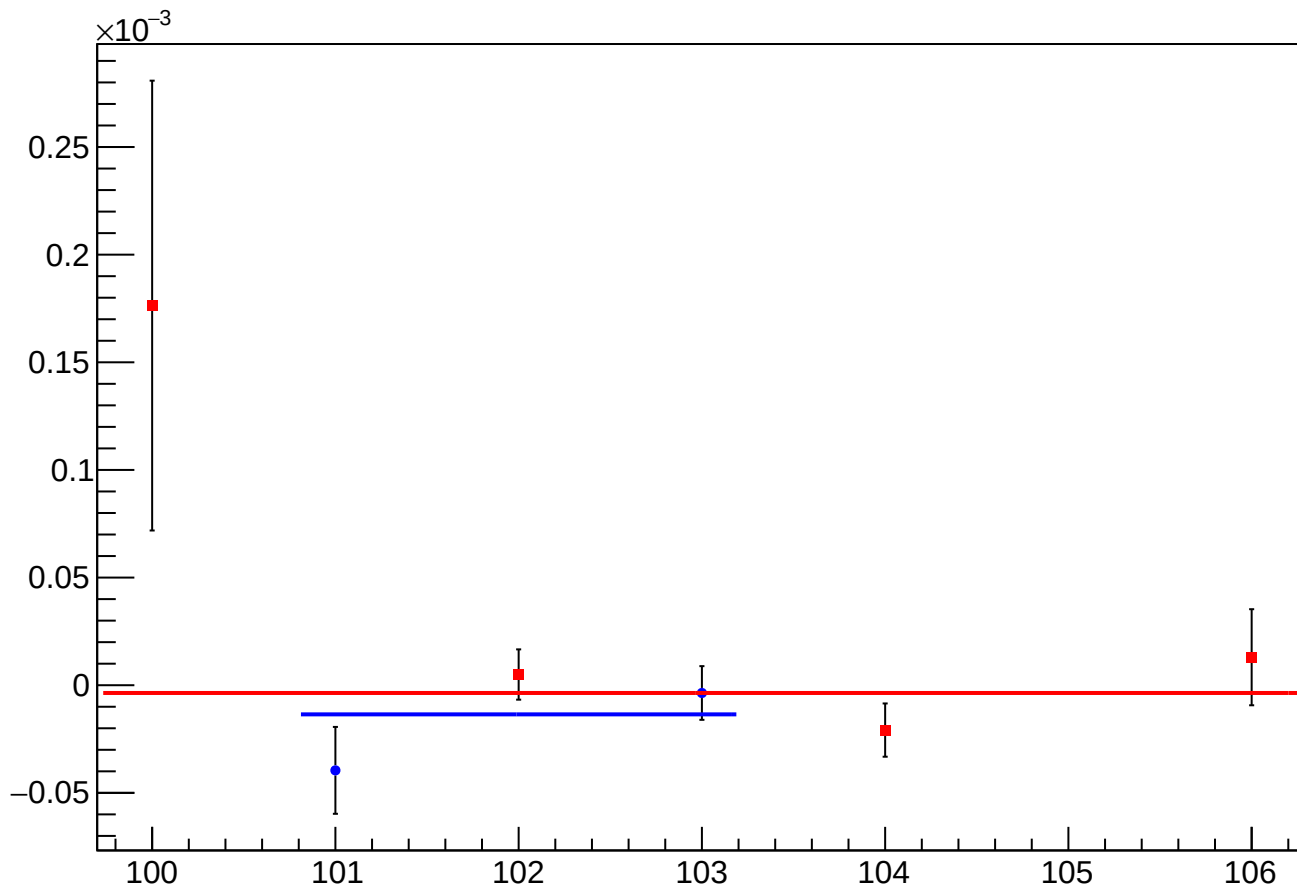
Right: 191.999+/-0.128 χ^2/NDF : 2562983.1/5

In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.999+/-0.128 χ^2/NDF : 2562983.1/5

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

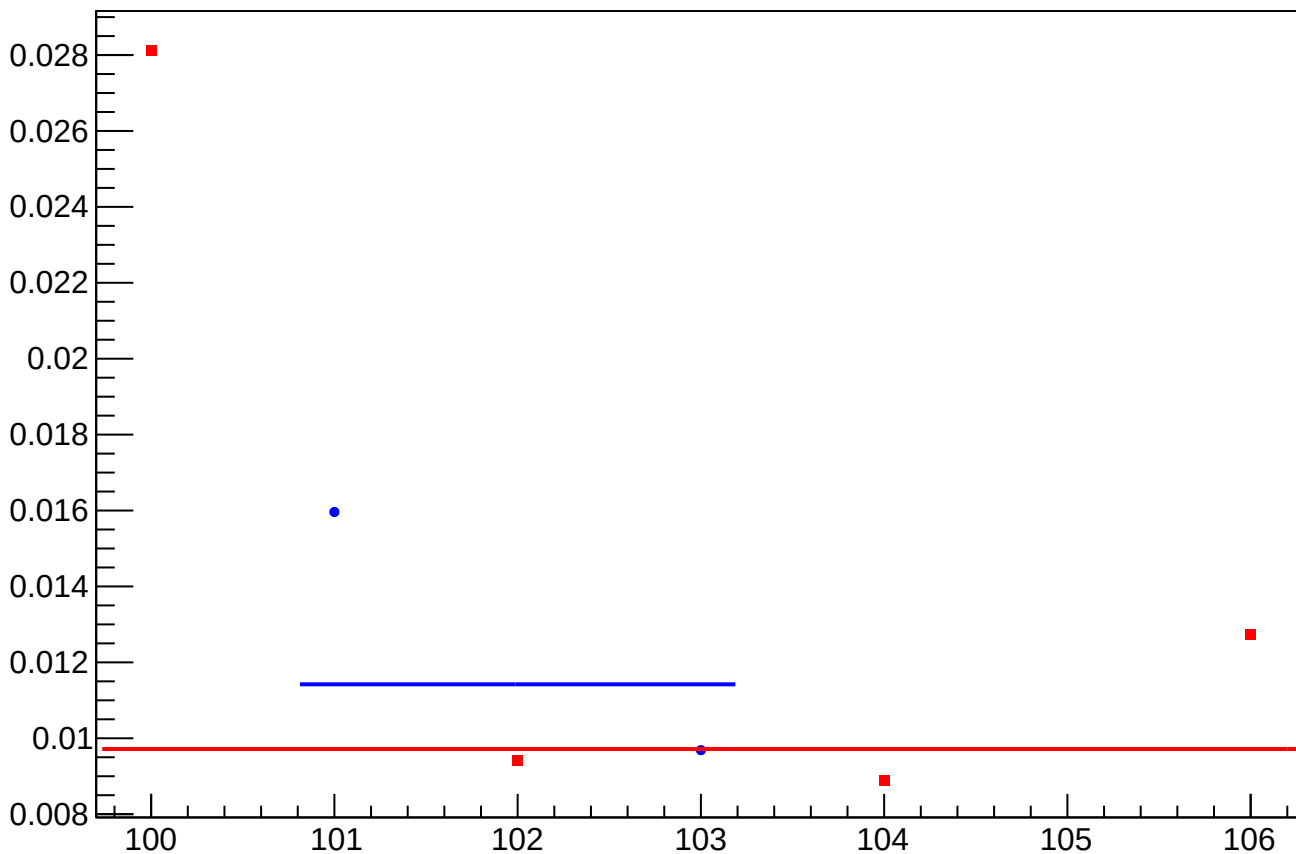
Right: -0.000+/-0.000 χ^2/NDF : 8.9/5

In: -0.000+/-0.000 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.9/5

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 139936.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 108795.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

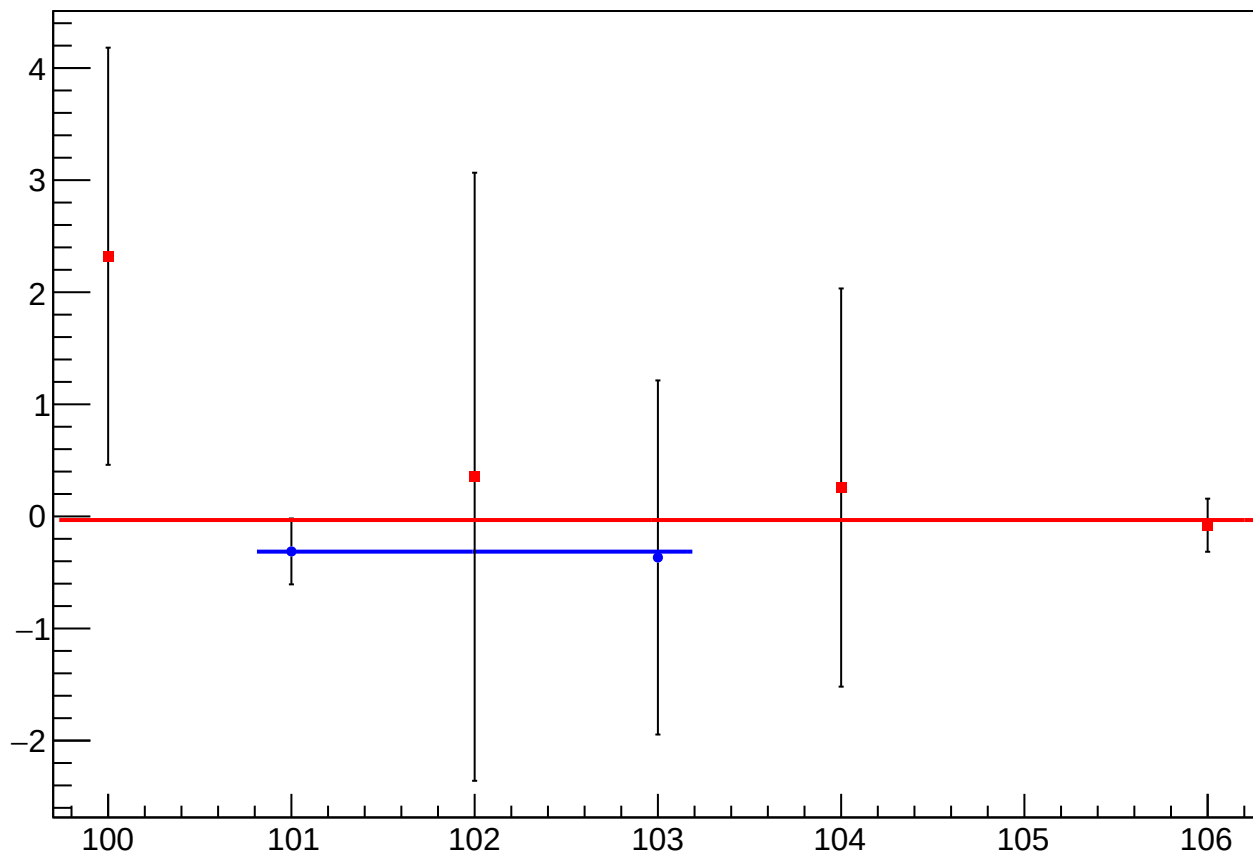
Right: 0.010+/-0.000 χ^2/NDF : 281892.8/5

In: 0.011+/-0.000 χ^2/NDF : 139936.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 281892.8/5

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.232 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

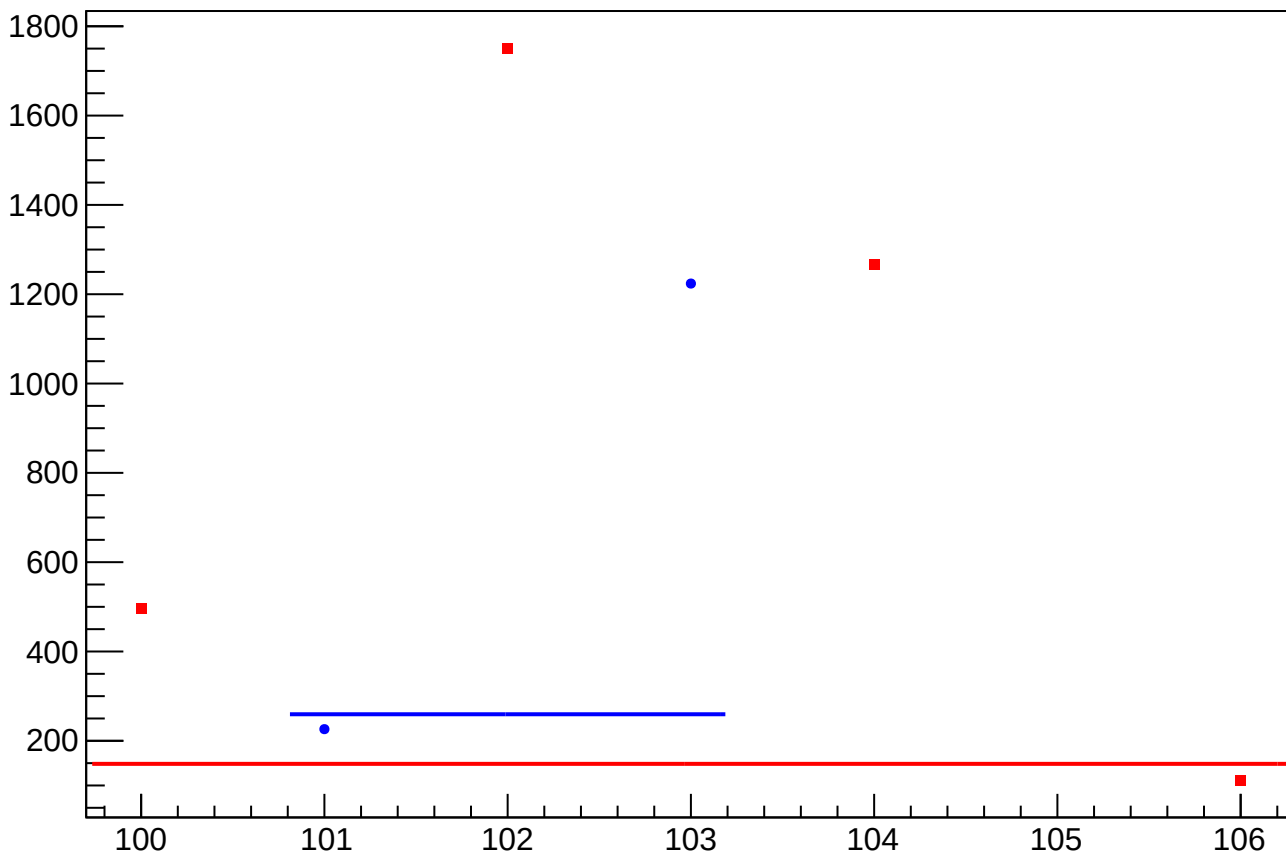
Right: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.456+/-0.204 χ^2/NDF : 771391.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.398+/-0.164 χ^2/NDF : 1611912.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

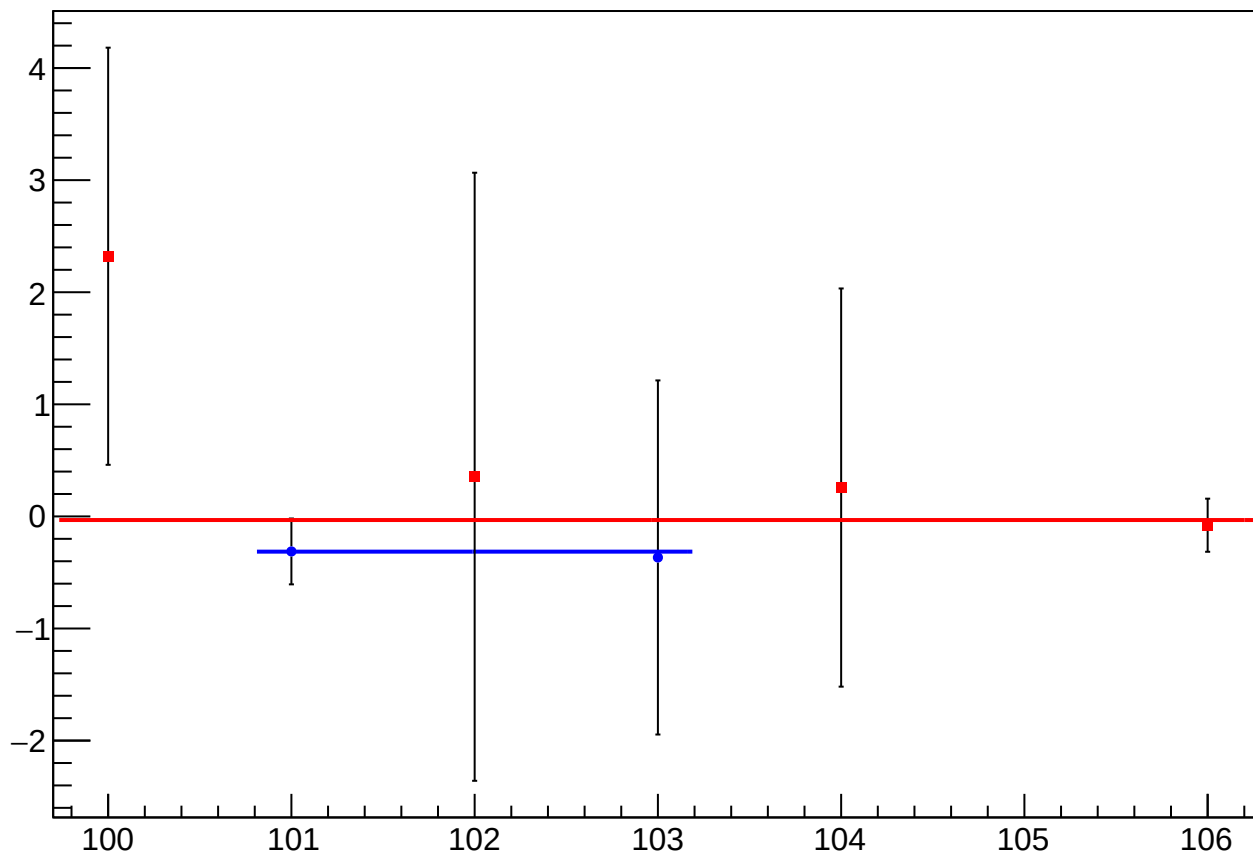
Right: 191.993+/-0.128 χ^2/NDF : 2563021.9/5

In: 259.456+/-0.204 χ^2/NDF : 771391.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.993+/-0.128 χ^2/NDF : 2563021.9/5

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 $\pm$ 0.289 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.232 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

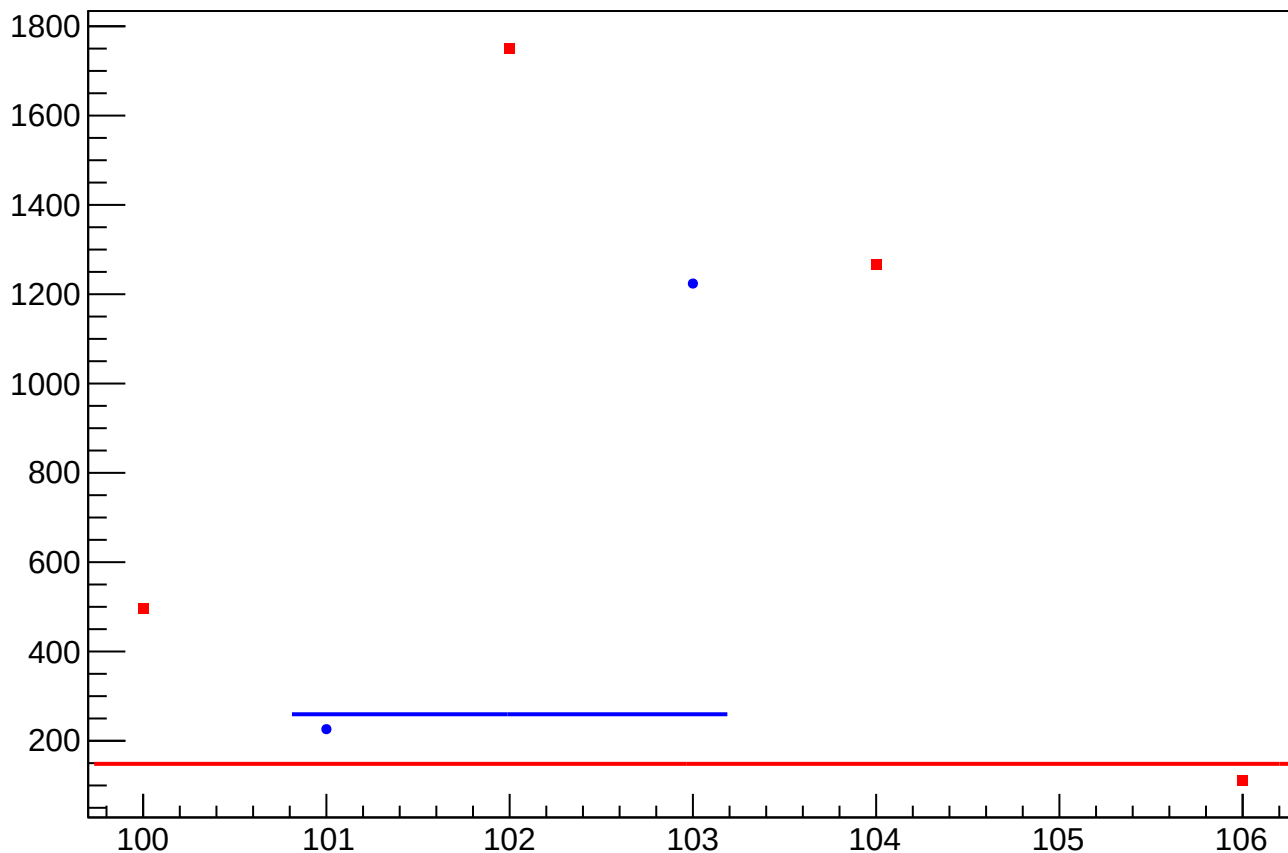
Right: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

In: -0.314 $\pm$ 0.289 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.143 $\pm$ 0.181 χ^2 /NDF: 2.3/5

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.456 $\pm$ 0.204 χ^2 /NDF: 771391.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.398 $\pm$ 0.164 χ^2 /NDF: 1611912.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

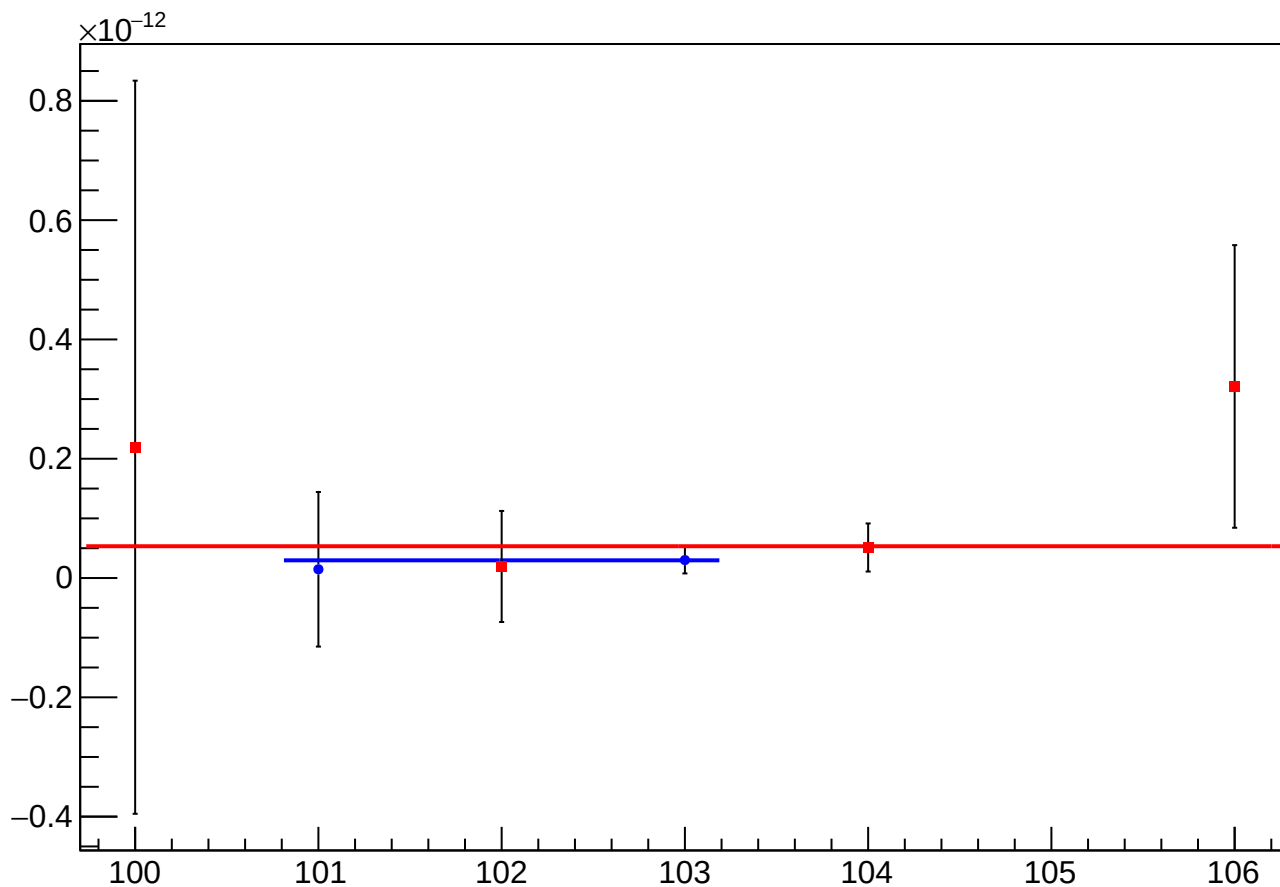
Right: 191.993 $\pm$ 0.128 χ^2 /NDF: 2563021.9/5

In: 259.456 $\pm$ 0.204 χ^2 /NDF:771391.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 191.993 $\pm$ 0.128 χ^2 /NDF: 2563021.9/5

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

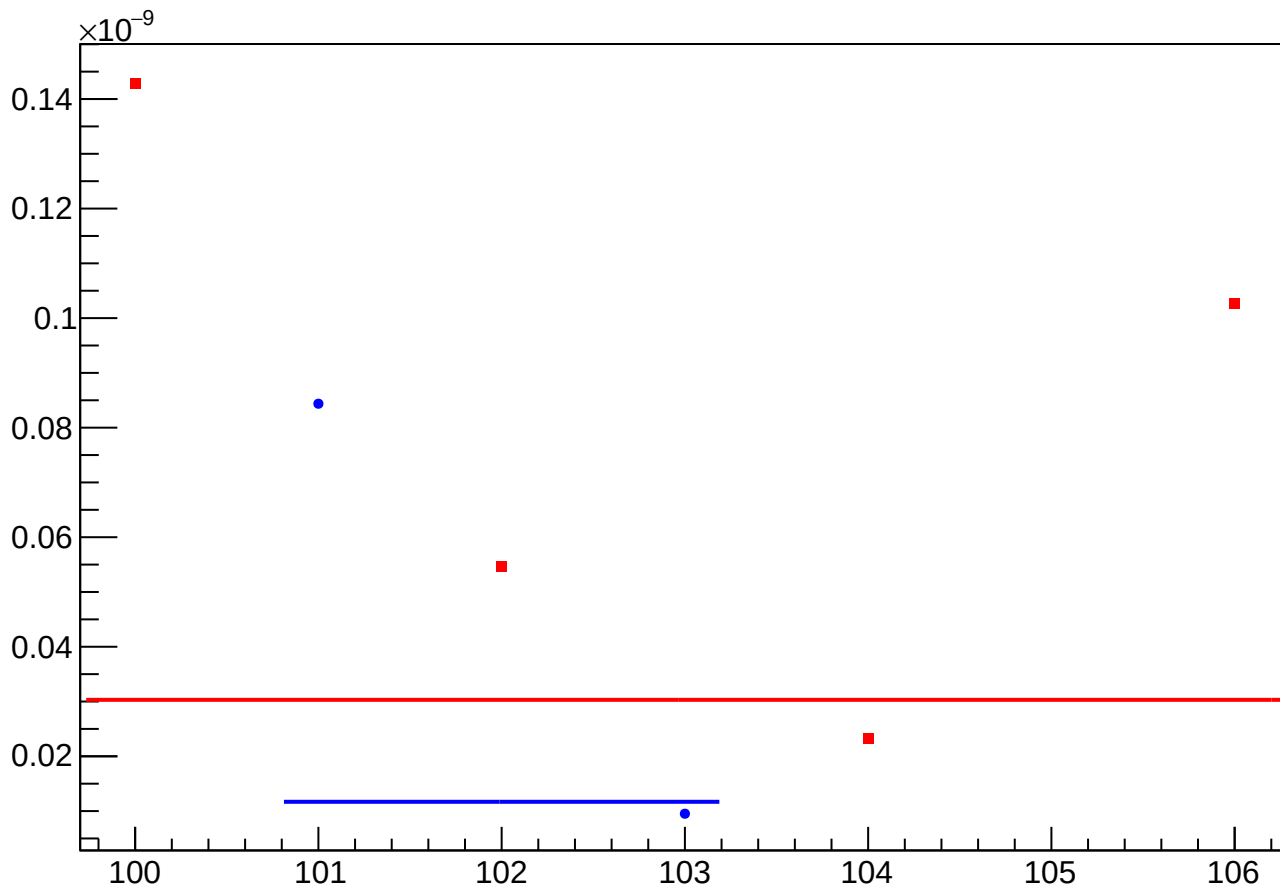
Right: 0.000+/-0.000 χ^2/NDF : 1.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.8/5

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 647857.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 452410.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

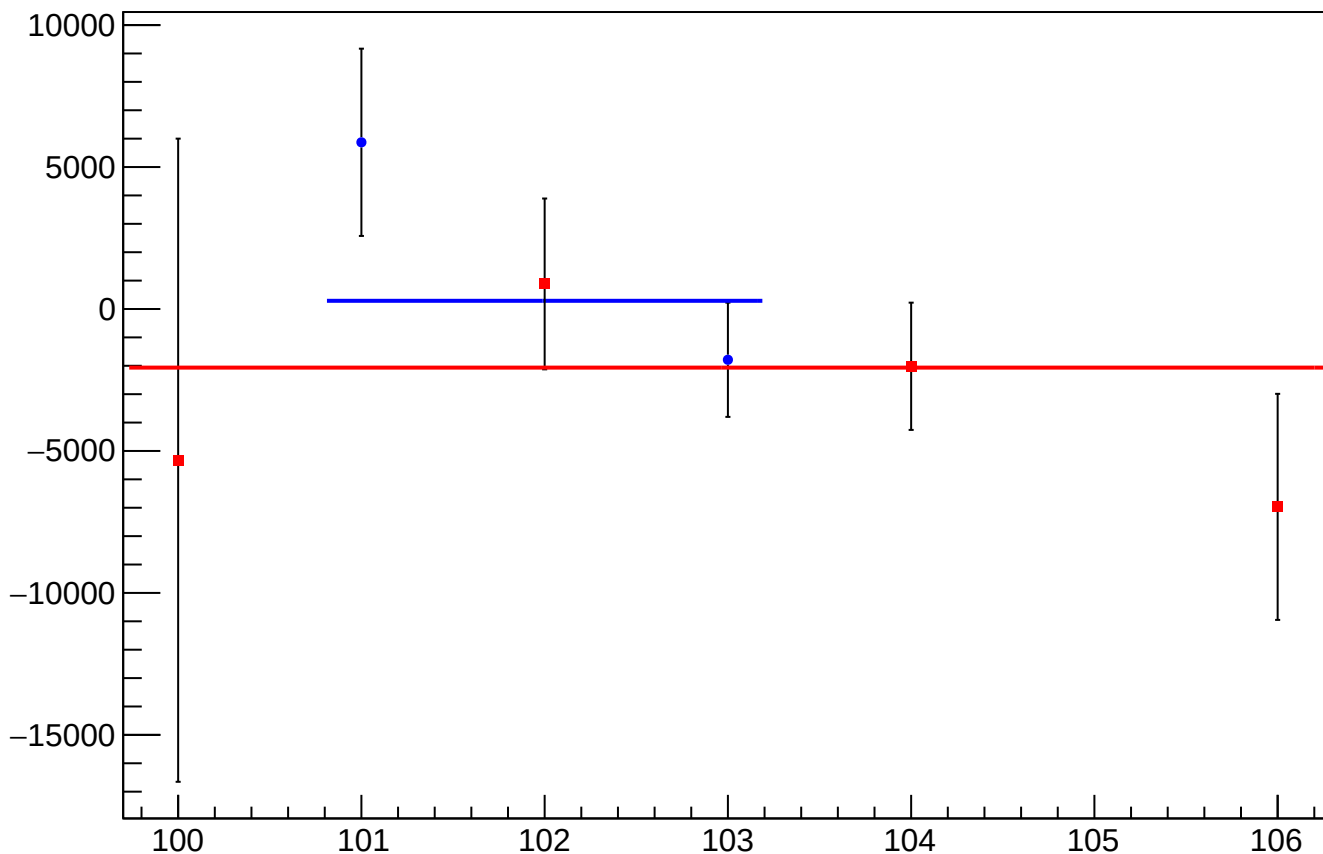
Right: 0.000+/-0.000 χ^2/NDF : 1481091.3/5

In: 0.000+/-0.000 χ^2/NDF : 647857.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1481091.3/5

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 288.605+/-1717.374 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2064.124+/-1621.118 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

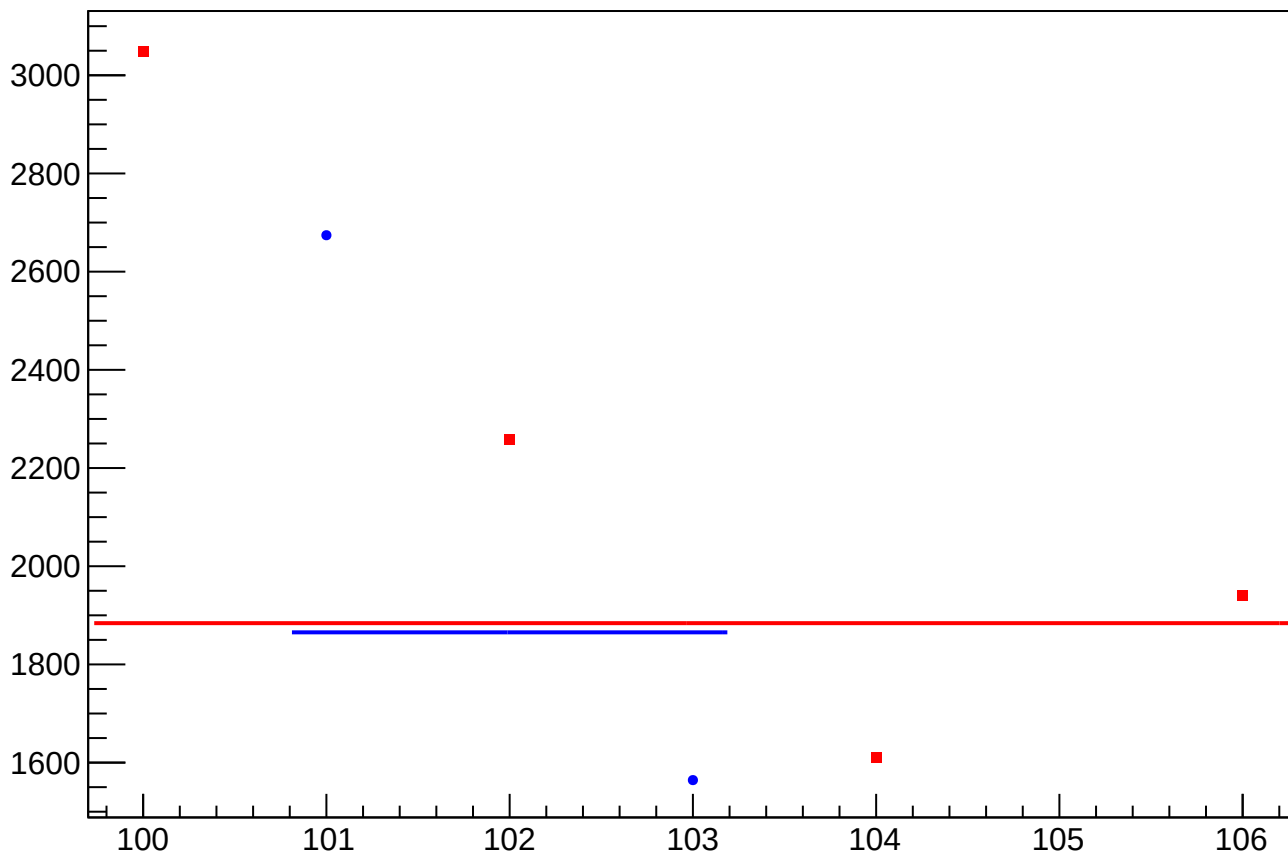
Right: -955.538+/-1178.864 χ^2/NDF : 7.5/5

In: 288.605+/-1717.374 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -955.538+/-1178.864 χ^2/NDF : 7.5/5

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.319+/-1.214 χ^2/NDF : 165076.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1884.042+/-1.133 χ^2/NDF : 82493.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

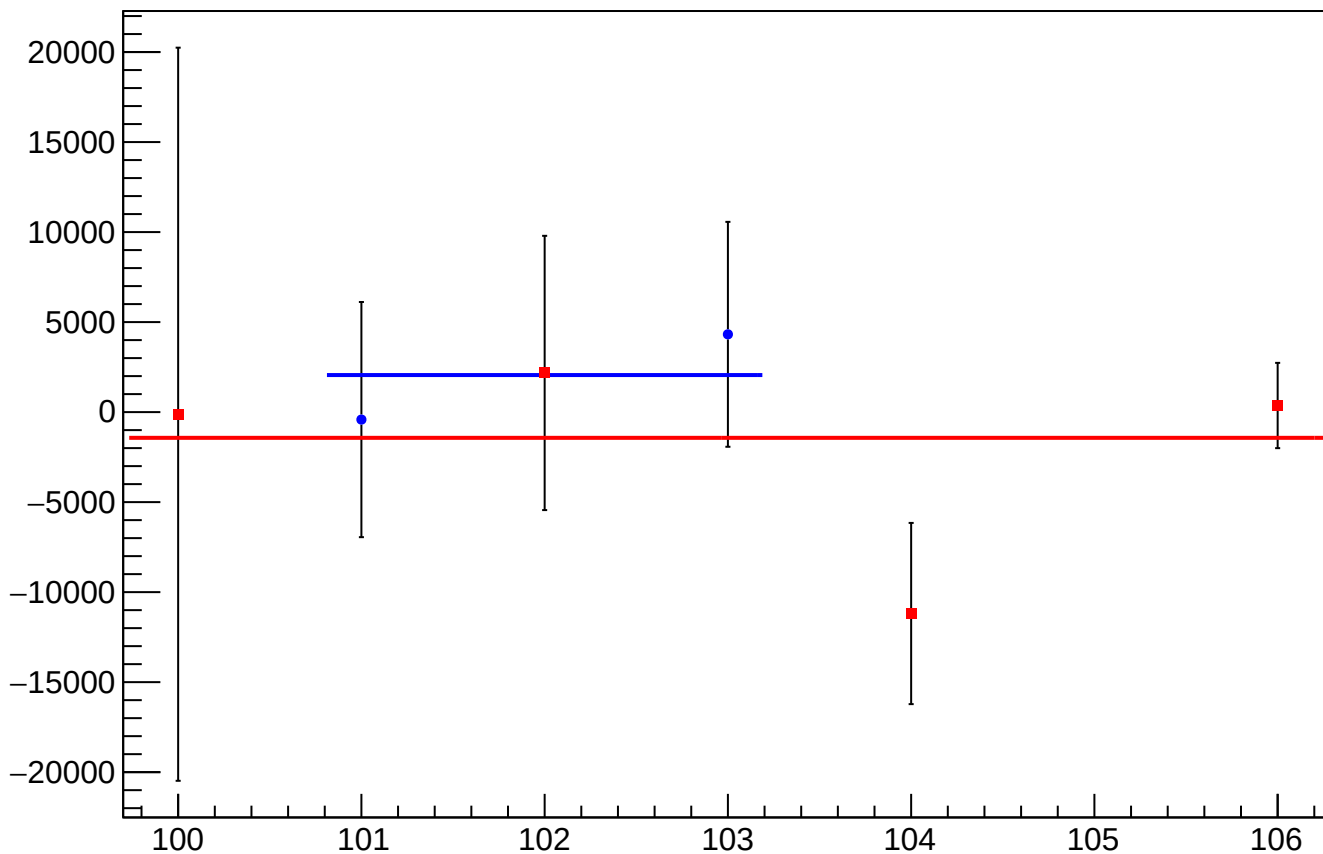
Right: 1875.332+/-0.828 χ^2/NDF : 247697.2/5

In: 1865.319+/-1.214 χ^2/NDF : 165076.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.332+/-0.828 χ^2/NDF : 247697.2/5

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2058.257+/-4514.369 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.728+/-2052.384 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

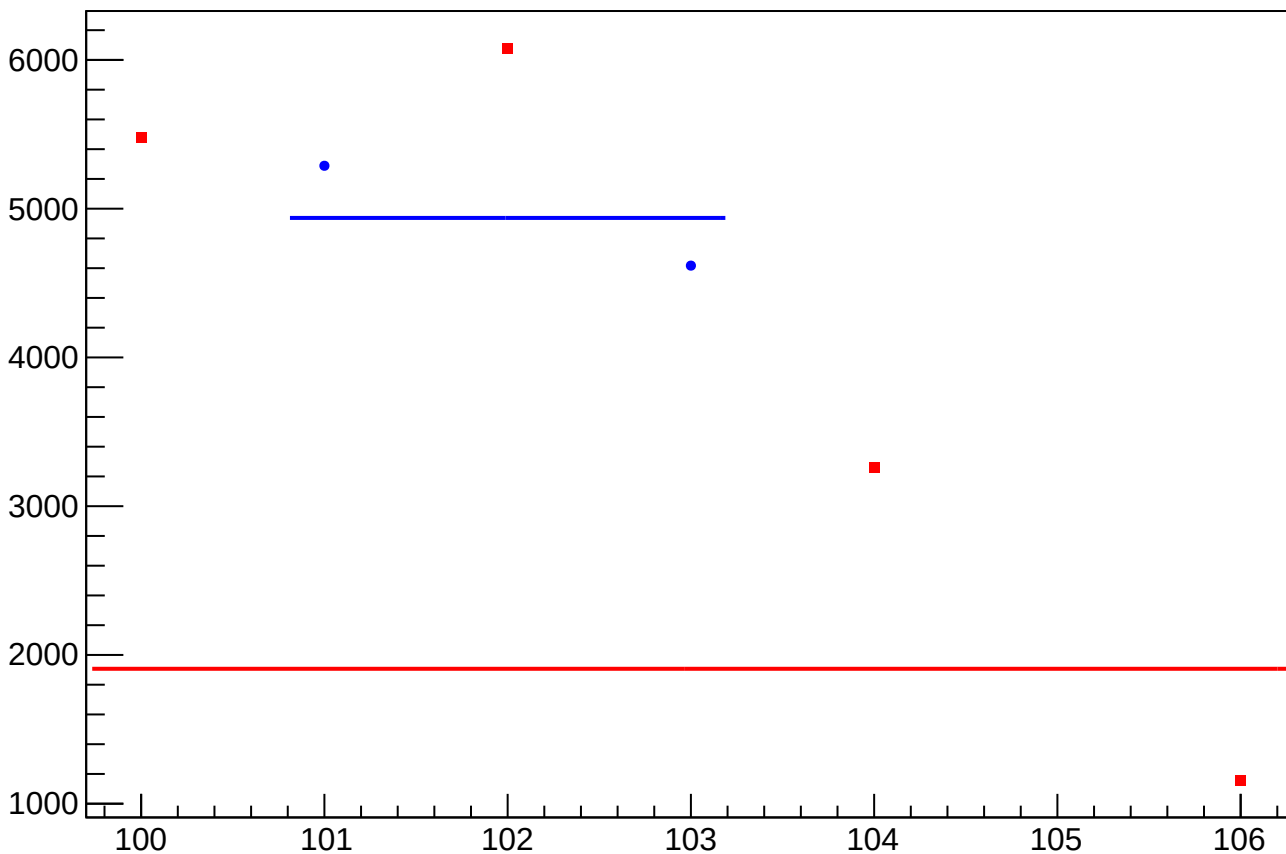
Right: -831.450+/-1868.360 χ^2/NDF : 5.3/5

In: 2058.257+/-4514.369 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -831.450+/-1868.360 χ^2/NDF : 5.3/5

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4937.856+/-3.192 χ^2/NDF : 11034.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1906.976+/-1.451 χ^2/NDF : 1006986.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

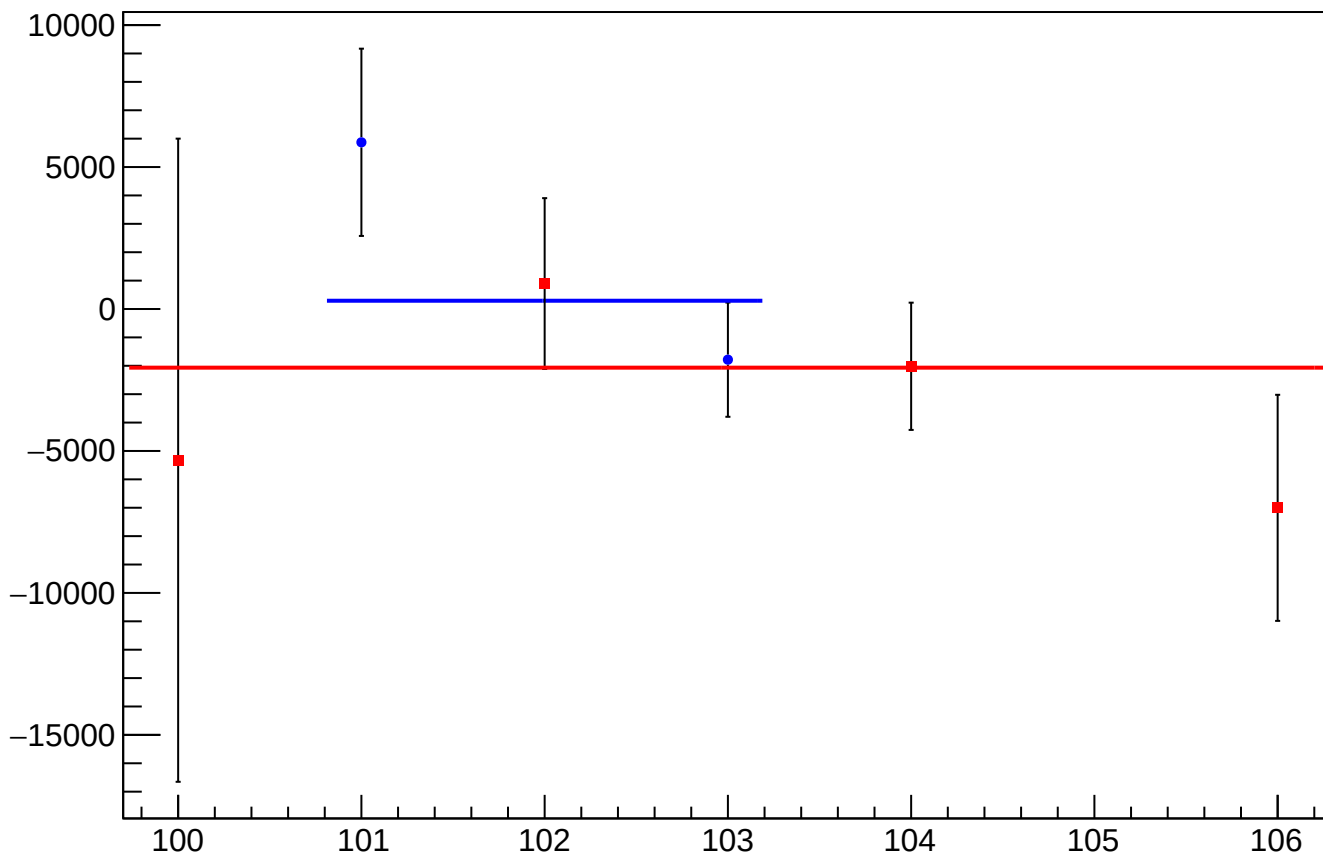
Right: 2426.129+/-1.321 χ^2/NDF : 1765118.0/5

In: 4937.856+/-3.192 χ^2/NDF : 11034.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.129+/-1.321 χ^2/NDF : 1765118.0/5

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2065.856+/-1621.139 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

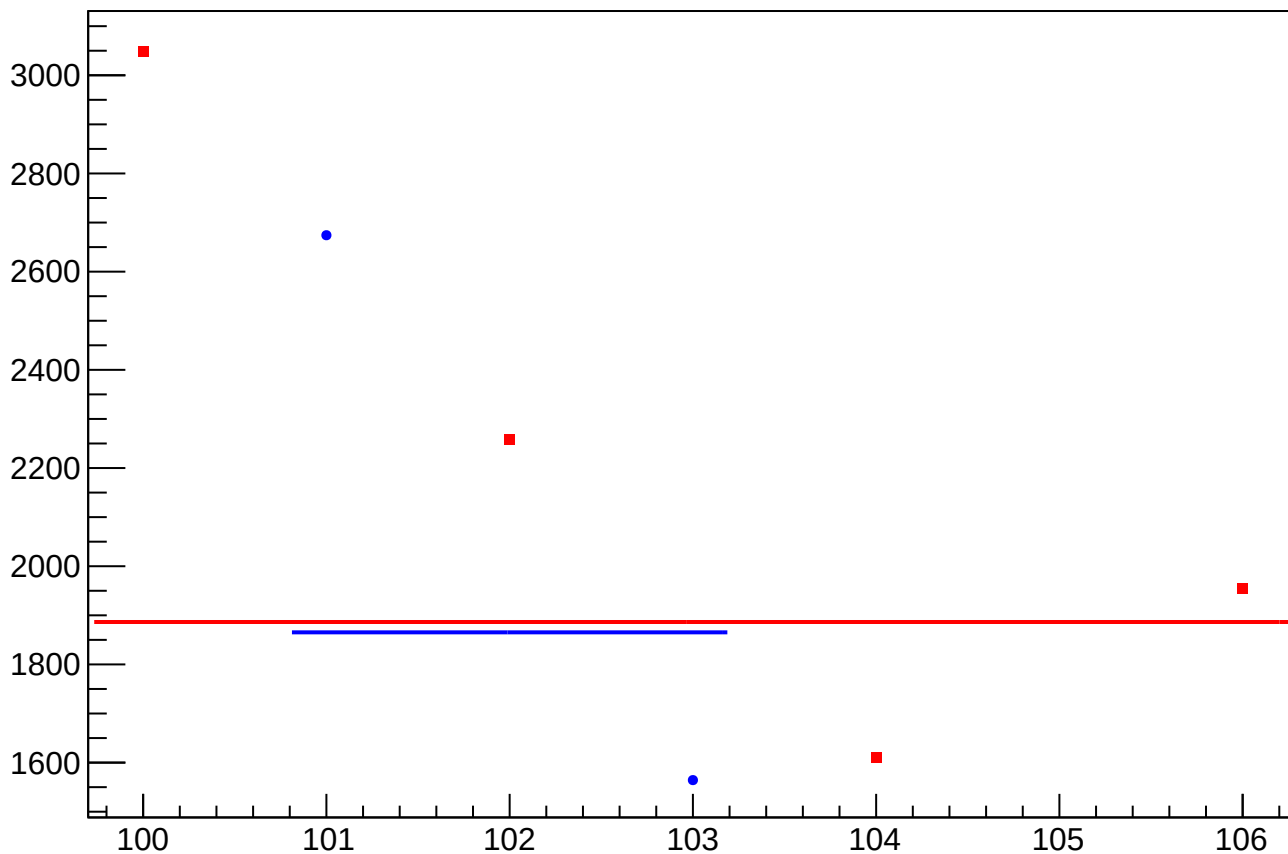
Right: -955.210+/-1178.873 χ^2/NDF : 7.5/5

In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -955.210+/-1178.873 χ^2/NDF : 7.5/5

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.403+/-1.134 χ^2/NDF : 82729.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

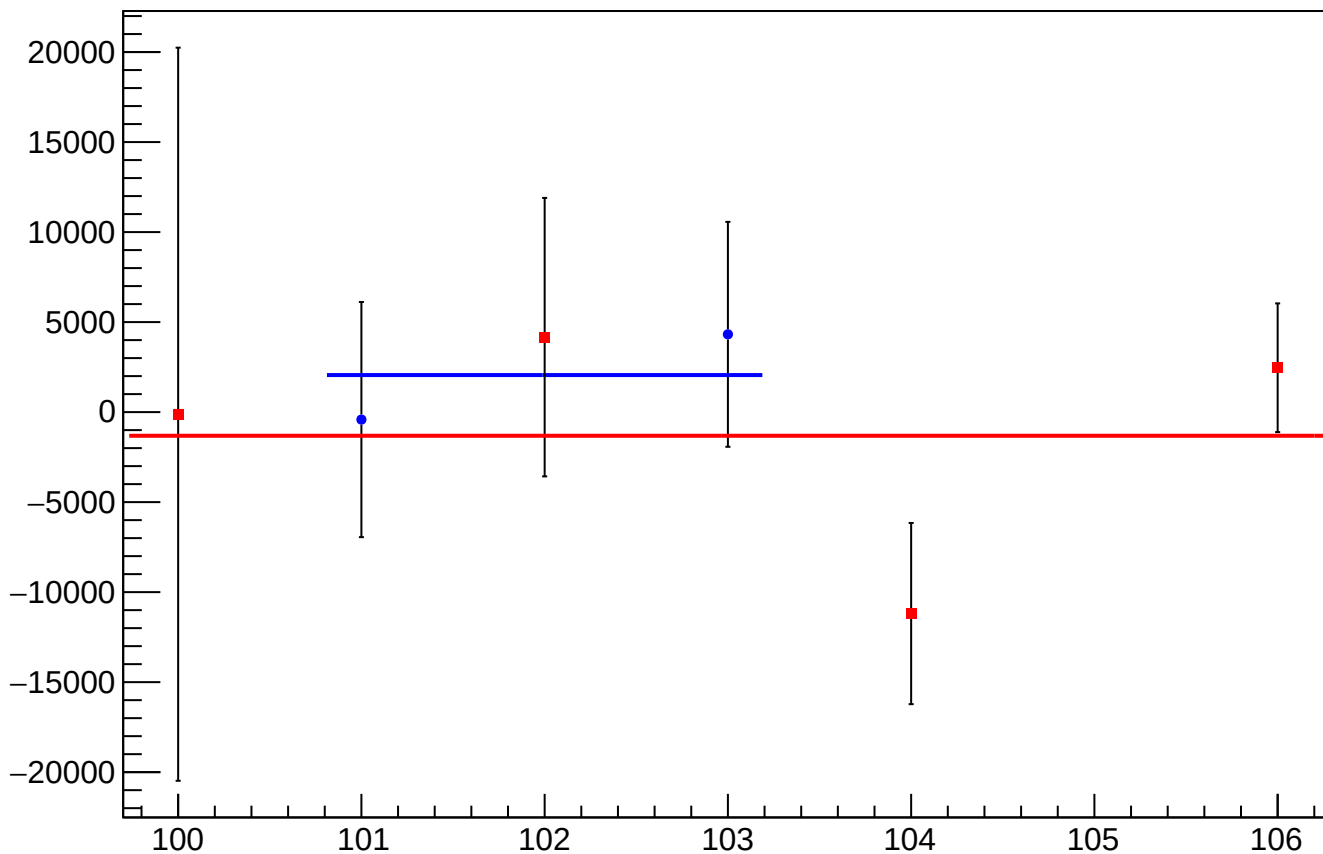
Right: 1876.584+/-0.829 χ^2/NDF : 247966.4/5

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.584+/-0.829 χ^2/NDF : 247966.4/5

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1313.751+/-2703.302 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

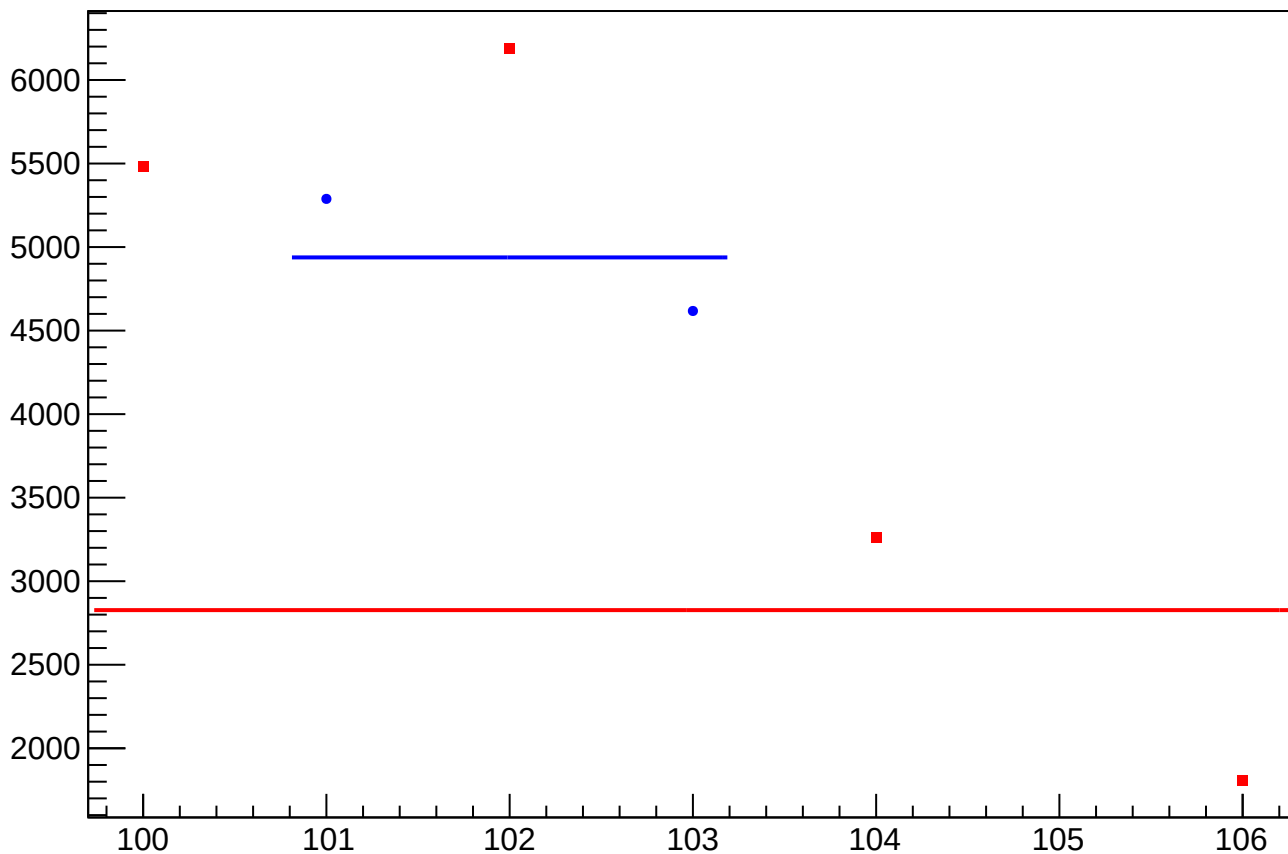
Right: -423.914+/-2319.294 χ^2/NDF : 6.2/5

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.914+/-2319.294 χ^2/NDF : 6.2/5

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.958+/-1.912 χ^2/NDF : 589011.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

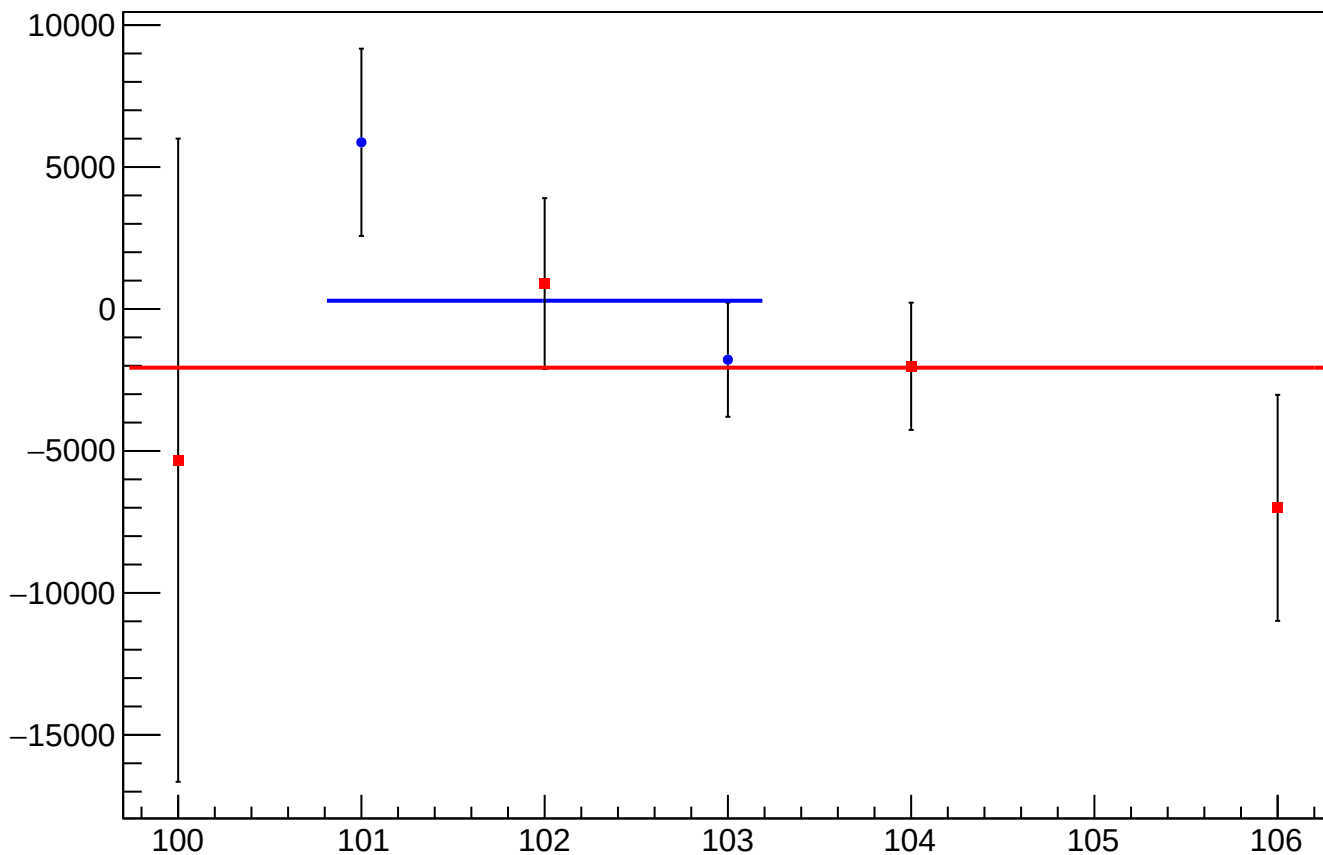
Right: 3384.131+/-1.640 χ^2/NDF : 921948.6/5

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3384.131+/-1.640 χ^2/NDF : 921948.6/5

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2065.856+/-1621.139 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

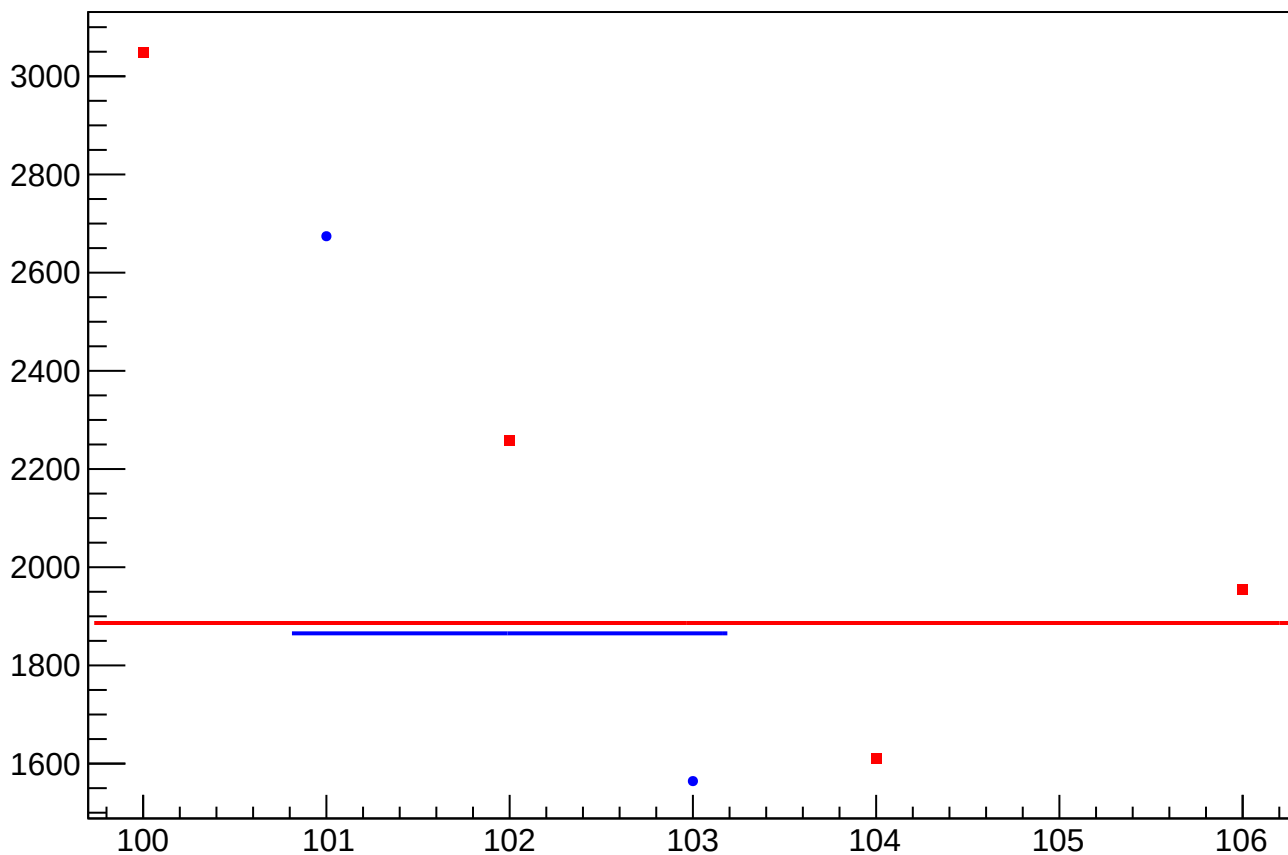
Right: -955.210+/-1178.873 χ^2/NDF : 7.5/5

In: 291.214+/-1717.376 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -955.210+/-1178.873 χ^2/NDF : 7.5/5

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.403+/-1.134 χ^2/NDF : 82729.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

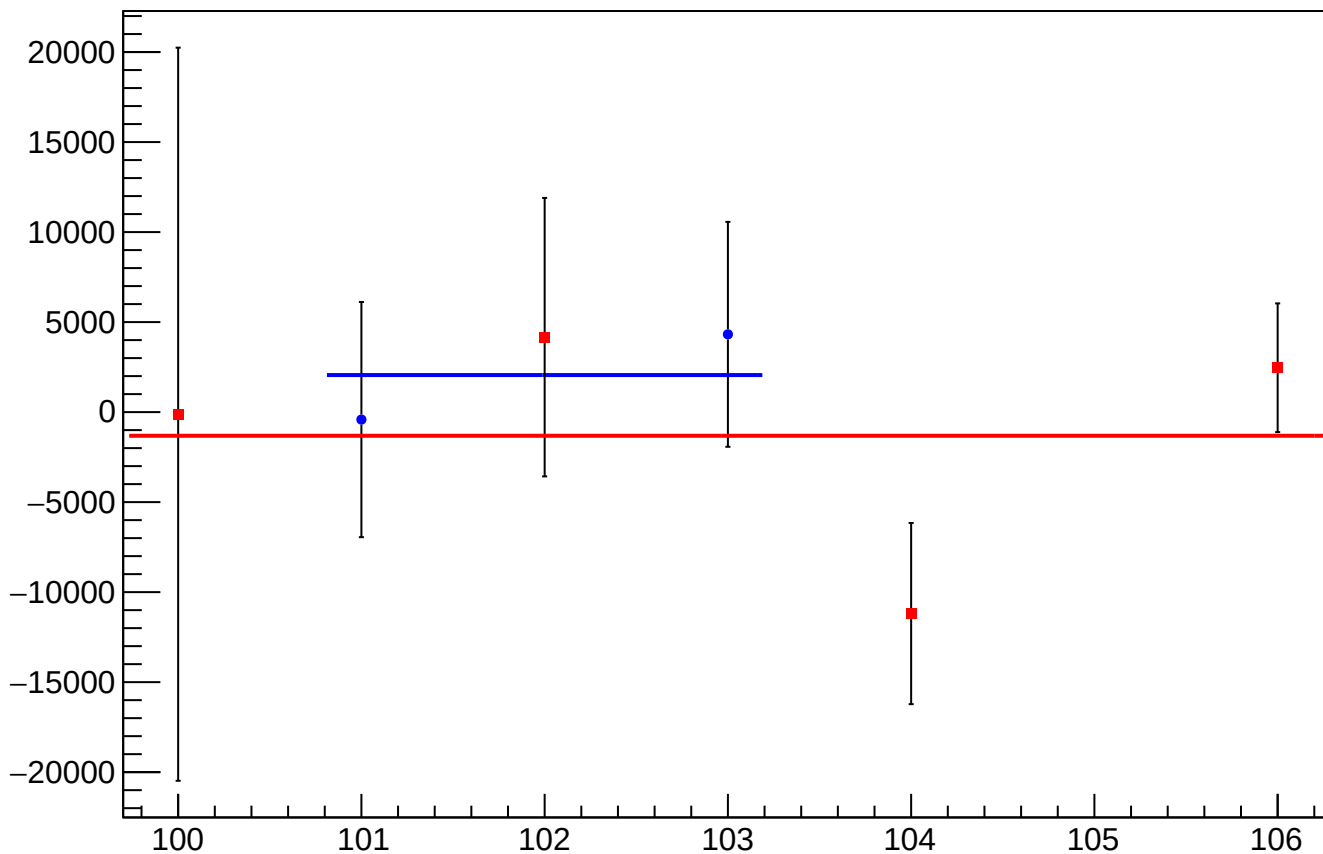
Right: 1876.584+/-0.829 χ^2/NDF : 247966.4/5

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.584+/-0.829 χ^2/NDF : 247966.4/5

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1313.751+/-2703.302 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

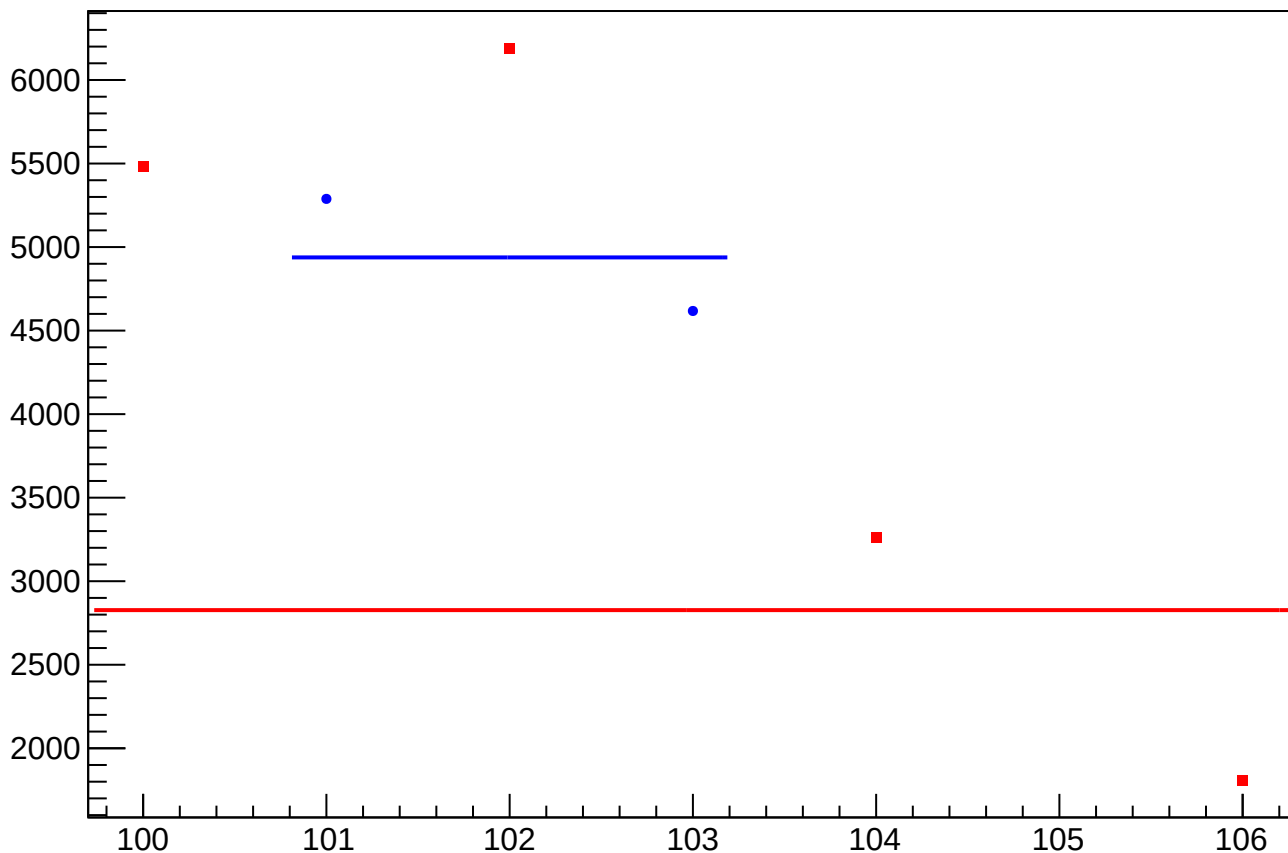
Right: -423.914+/-2319.294 χ^2/NDF : 6.2/5

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -423.914+/-2319.294 χ^2/NDF : 6.2/5

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.958+/-1.912 χ^2/NDF : 589011.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

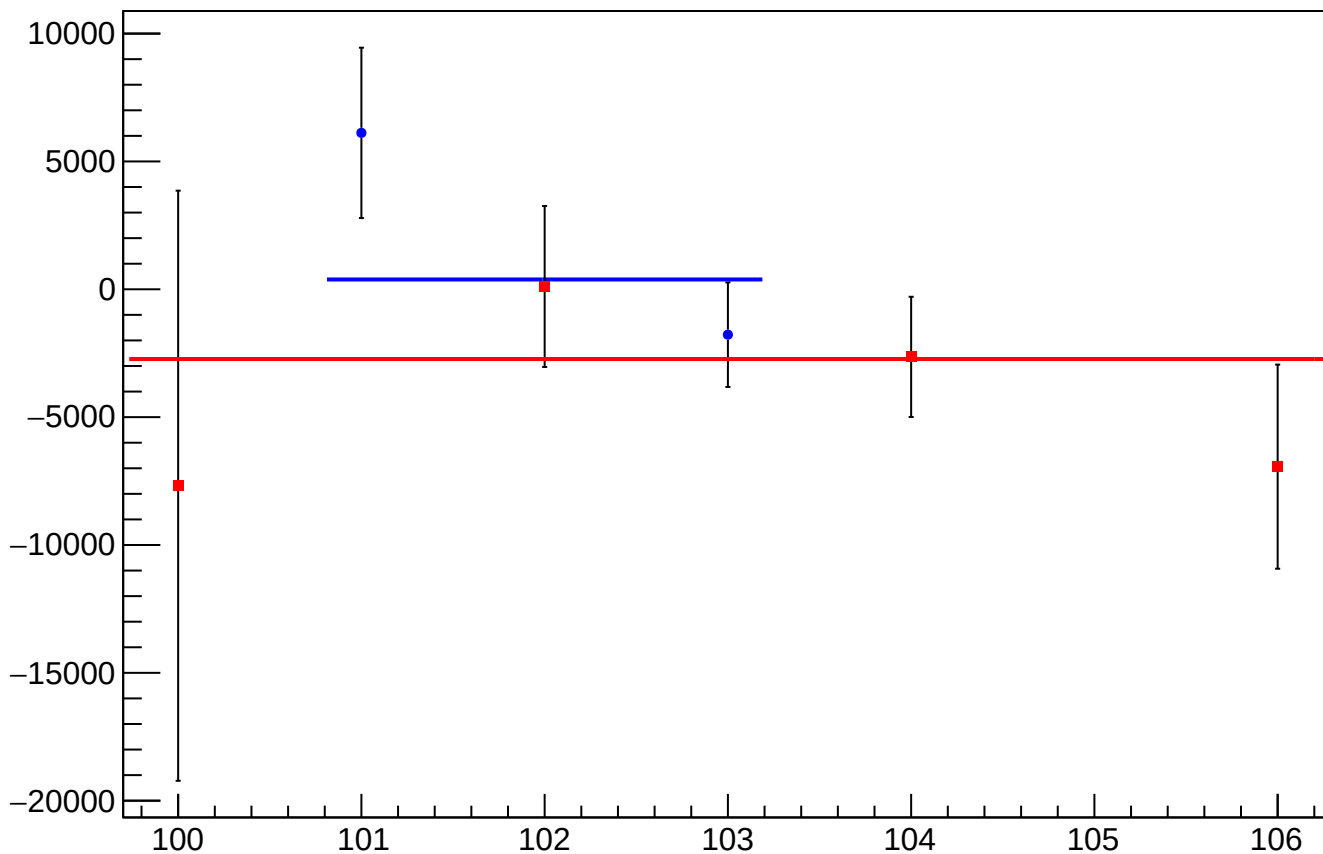
Right: 3384.131+/-1.640 χ^2/NDF : 921948.6/5

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3384.131+/-1.640 χ^2/NDF : 921948.6/5

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 384.122+/-1742.610 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2726.543+/-1685.012 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

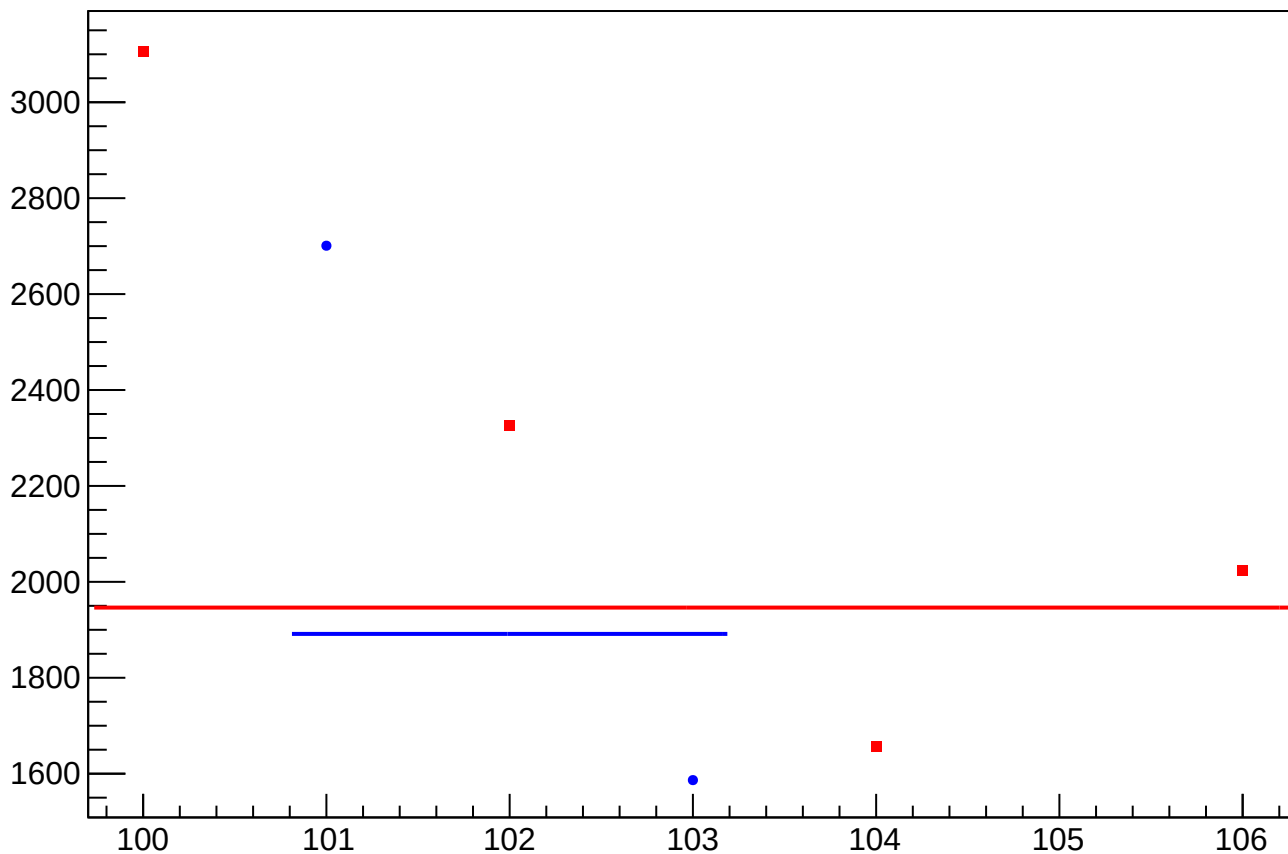
Right: -1223.468+/-1211.334 χ^2/NDF : 7.8/5

In: 384.122+/-1742.610 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.468+/-1211.334 χ^2/NDF : 7.8/5

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.452+/-1.232 χ^2/NDF : 162500.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1946.343+/-1.186 χ^2/NDF : 80429.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

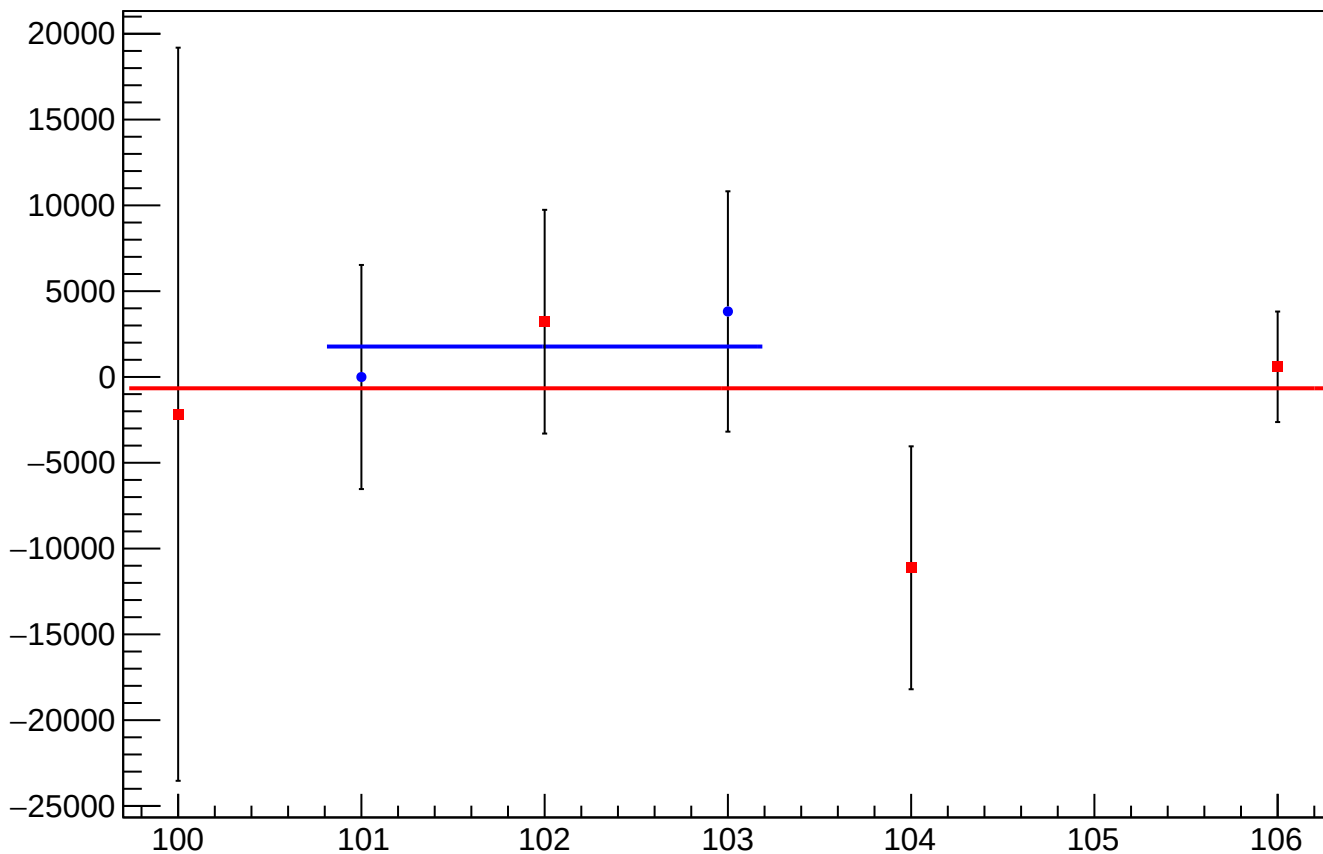
Right: 1919.951+/-0.854 χ^2/NDF : 243959.6/5

In: 1891.452+/-1.232 χ^2/NDF : 162500.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.951+/-0.854 χ^2/NDF : 243959.6/5

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1773.635+/-4776.282 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -659.827+/-2652.752 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

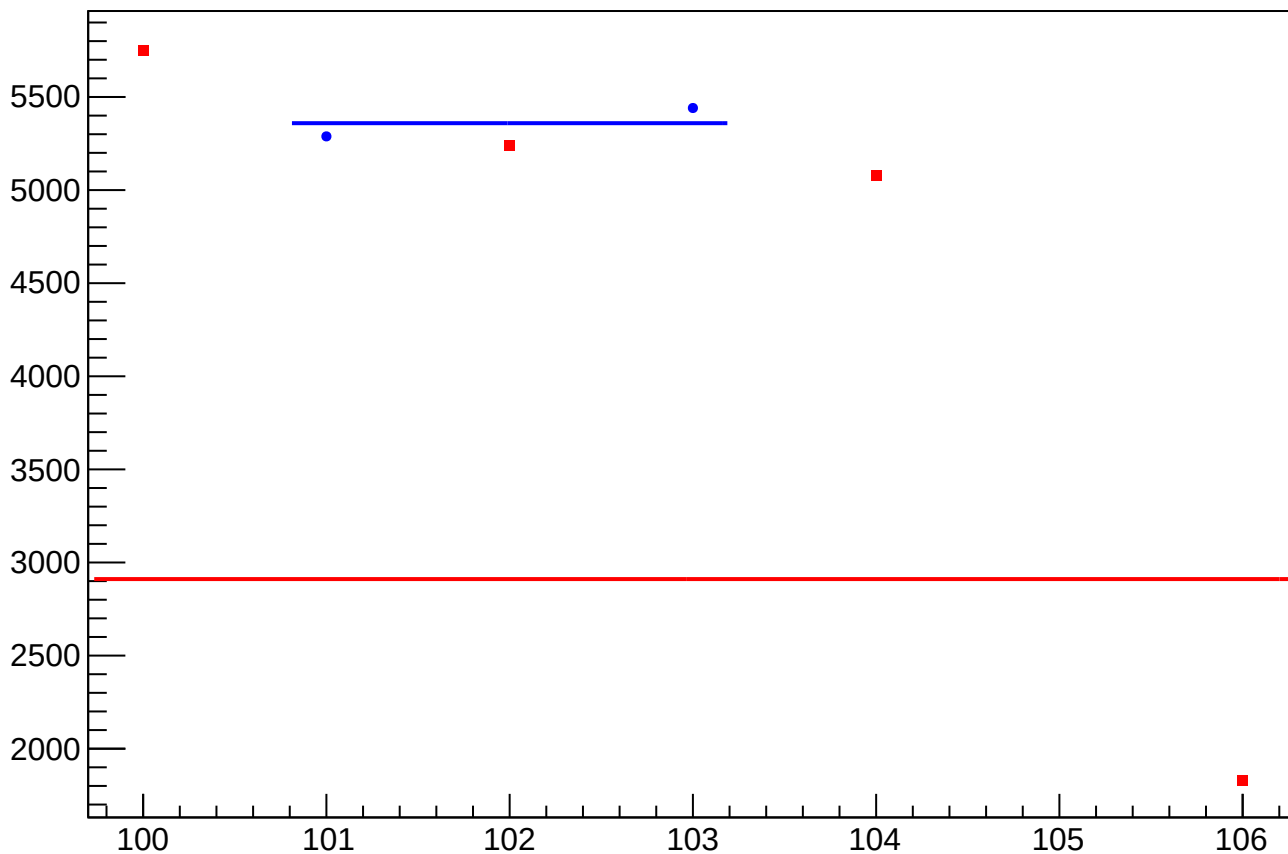
Right: -86.141+/-2319.074 χ^2/NDF : 3.1/5

In: 1773.635+/-4776.282 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.141+/-2319.074 χ^2/NDF : 3.1/5

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5359.303+/-3.377 χ^2/NDF : 506.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2910.946+/-1.876 χ^2/NDF : 703087.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

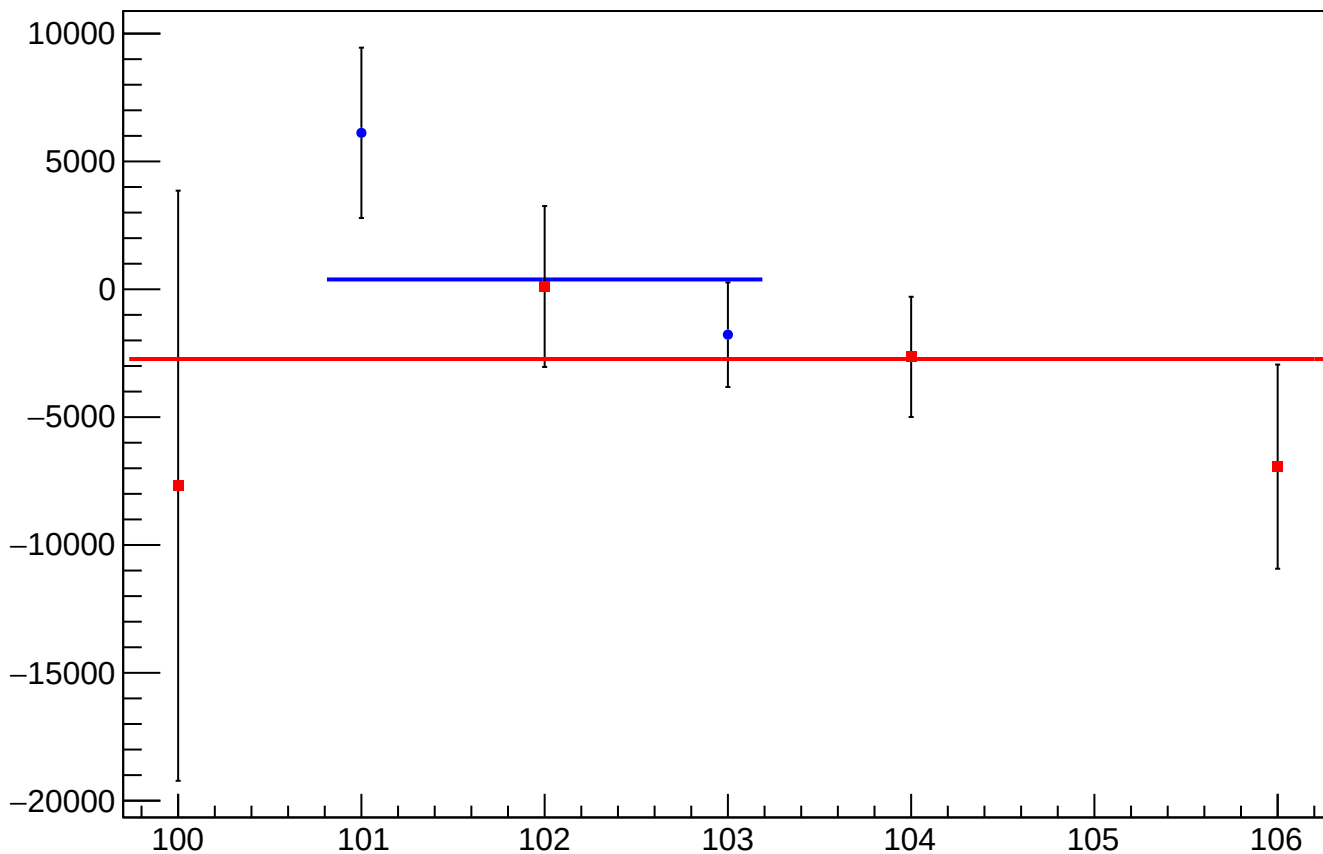
Right: 3488.143+/-1.640 χ^2/NDF : 1105233.4/5

In: 5359.303+/-3.377 χ^2/NDF : 506.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3488.143+/-1.640 χ^2/NDF : 1105233.4/5

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: 384.130+/-1742.610 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2726.552+/-1685.012 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

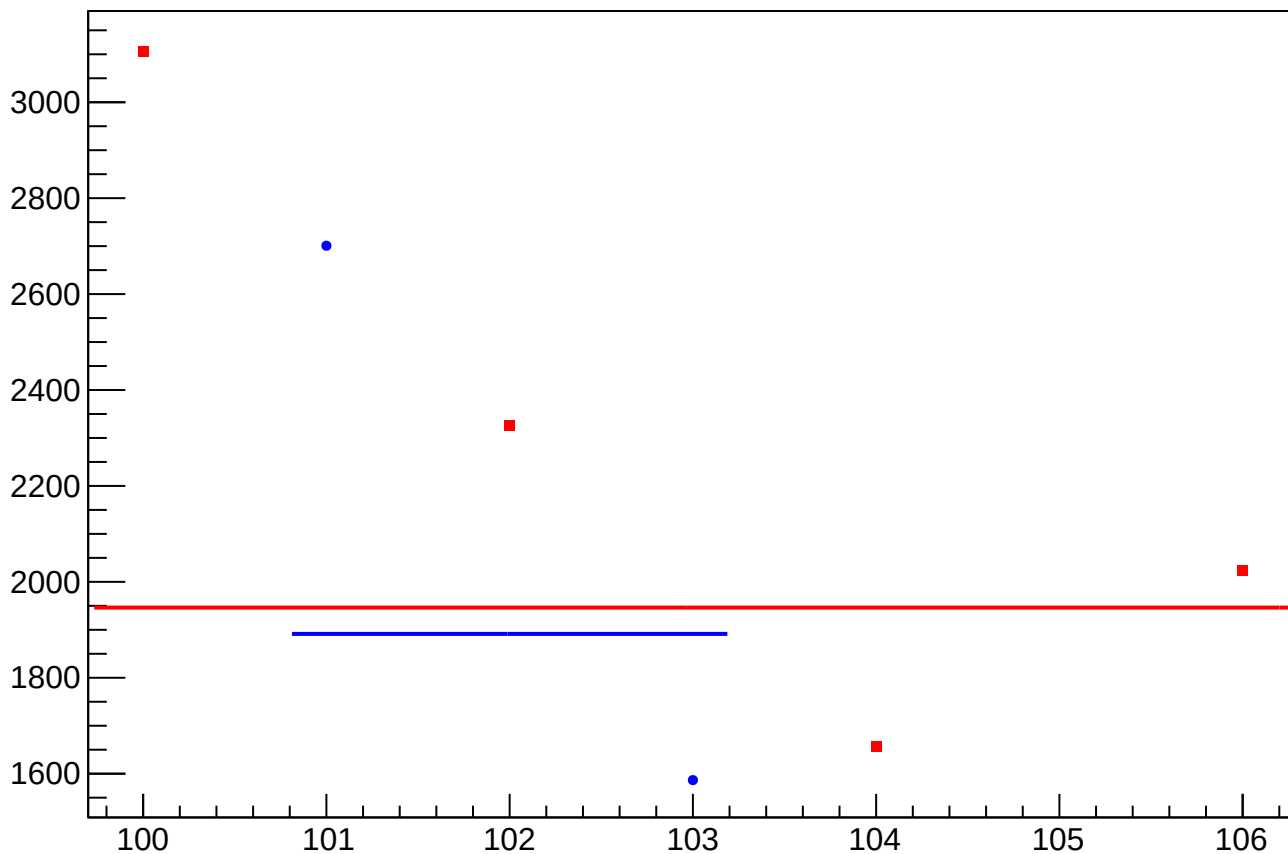
Right: -1223.469+/-1211.334 χ^2/NDF : 7.8/5

In: 384.130+/-1742.610 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.469+/-1211.334 χ^2/NDF : 7.8/5

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1891.452+/-1.232 χ^2/NDF : 162500.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1946.343+/-1.186 χ^2/NDF : 80429.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

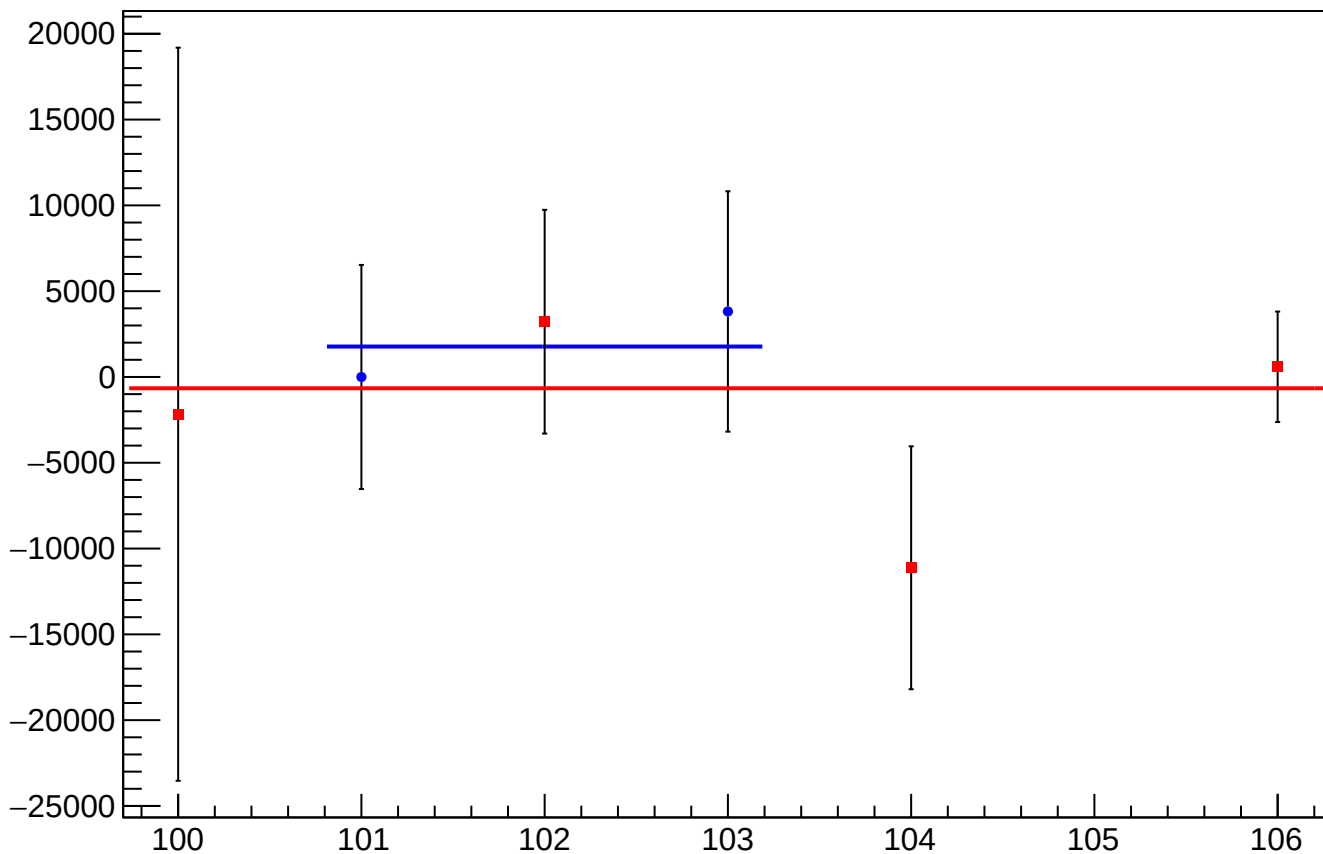
Right: 1919.951+/-0.854 χ^2/NDF : 243959.3/5

In: 1891.452+/-1.232 χ^2/NDF : 162500.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.951+/-0.854 χ^2/NDF : 243959.3/5

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1773.647+/-4776.281 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -659.841+/-2652.748 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

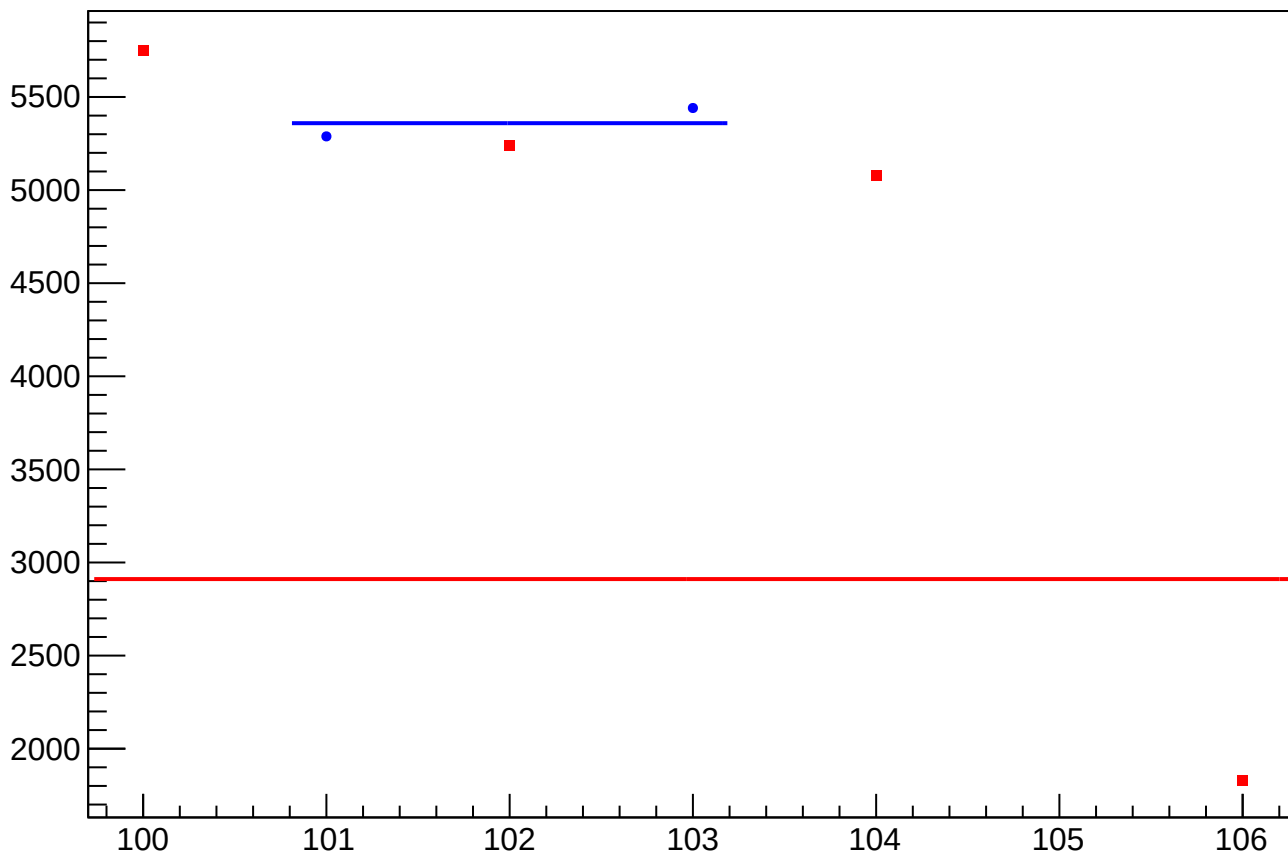
Right: -86.150+/-2319.072 χ^2/NDF : 3.1/5

In: 1773.647+/-4776.281 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.150+/-2319.072 χ^2/NDF : 3.1/5

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5359.302 ± 3.377 χ^2/NDF : 506.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2910.939 ± 1.876 χ^2/NDF : 703091.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

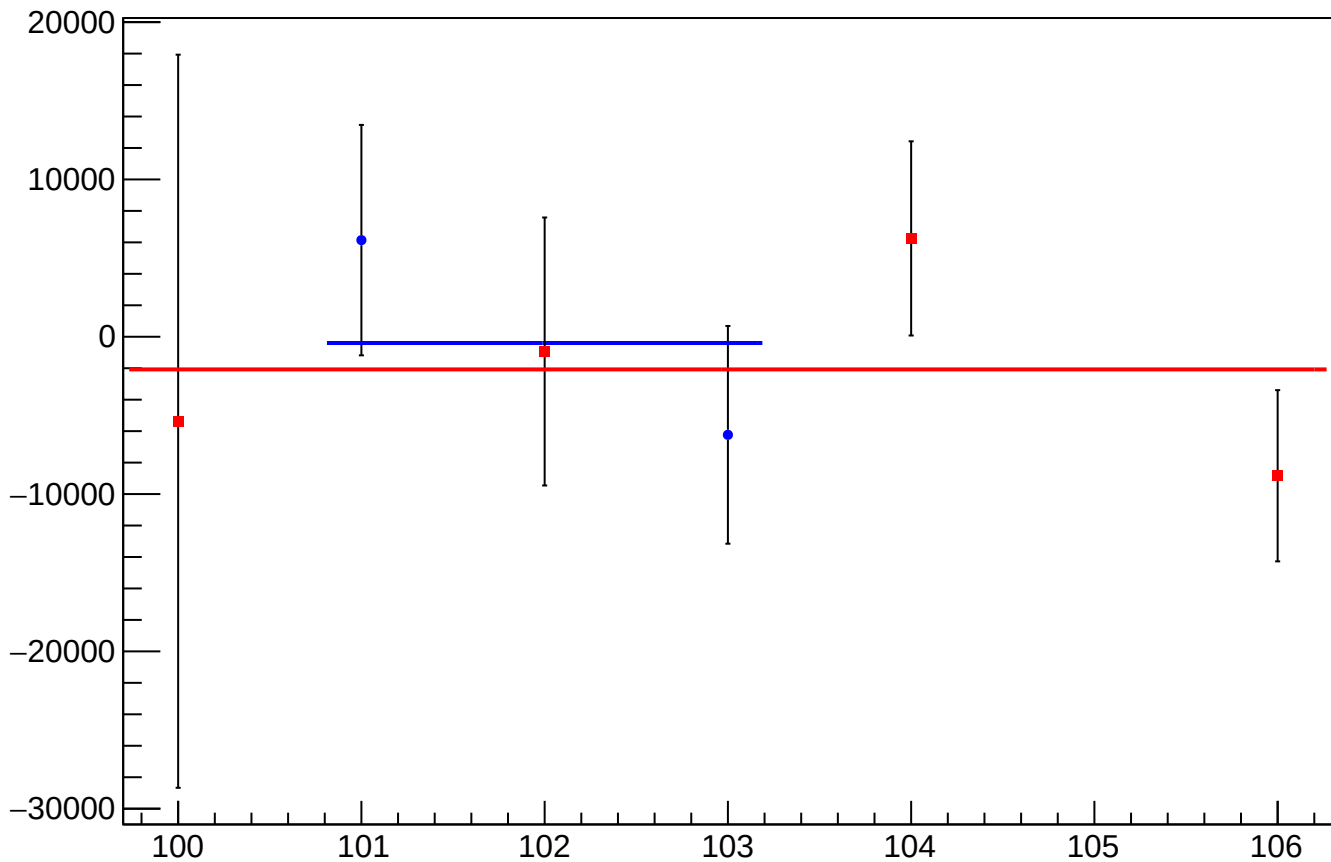
Right: 3488.136 ± 1.640 χ^2/NDF : 1105239.1/5

In: 5359.302 ± 3.377 χ^2/NDF : 506.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3488.136 ± 1.640 χ^2/NDF : 1105239.1/5

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -396.333 ± 5030.084 $\chi^2/\text{NDF}: 1.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2076.085 ± 3636.055 $\chi^2/\text{NDF}: 3.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

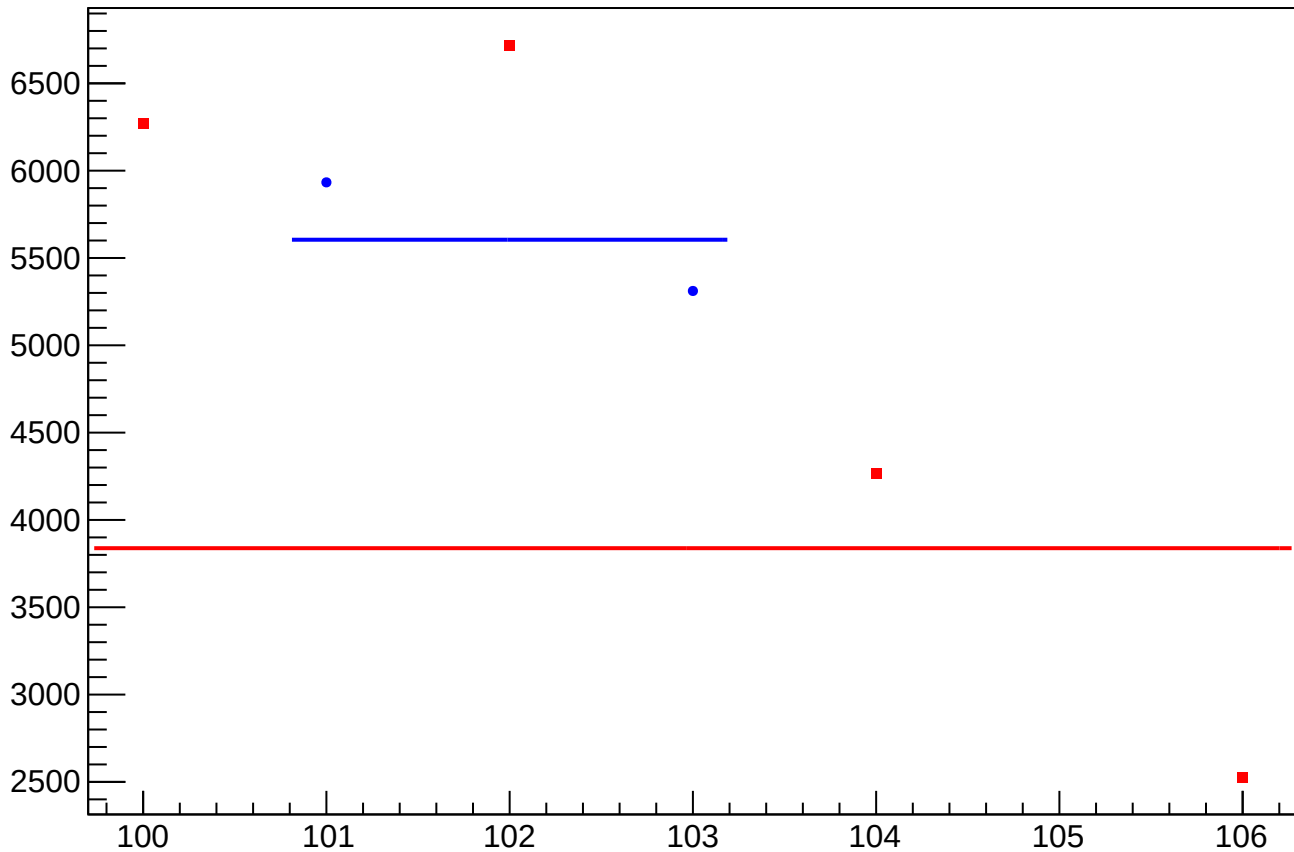
Right: -1499.597 ± 2946.779 $\chi^2/\text{NDF}: 5.0/5$

In: -396.333 ± 5030.084 $\chi^2/\text{NDF}: 1.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1499.597 ± 2946.779 $\chi^2/\text{NDF}: 5.0/5$

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 5604.551+/-3.557 χ^2/NDF : 7617.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3838.287+/-2.439 χ^2/NDF : 404551.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

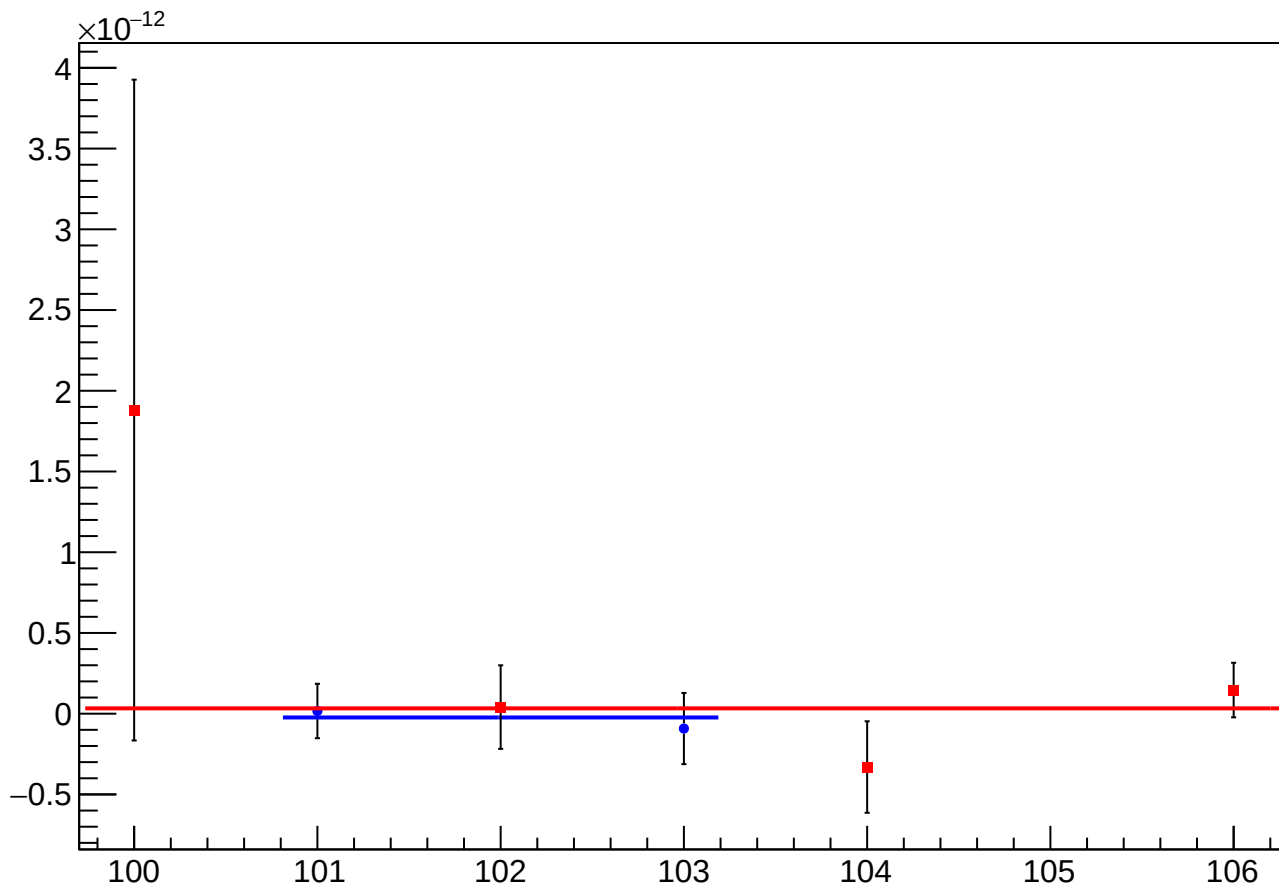
Right: 4403.198+/-2.012 χ^2/NDF : 579896.6/5

In: 5604.551+/-3.557 χ^2/NDF : 7617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4403.198+/-2.012 χ^2/NDF : 579896.6/5

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

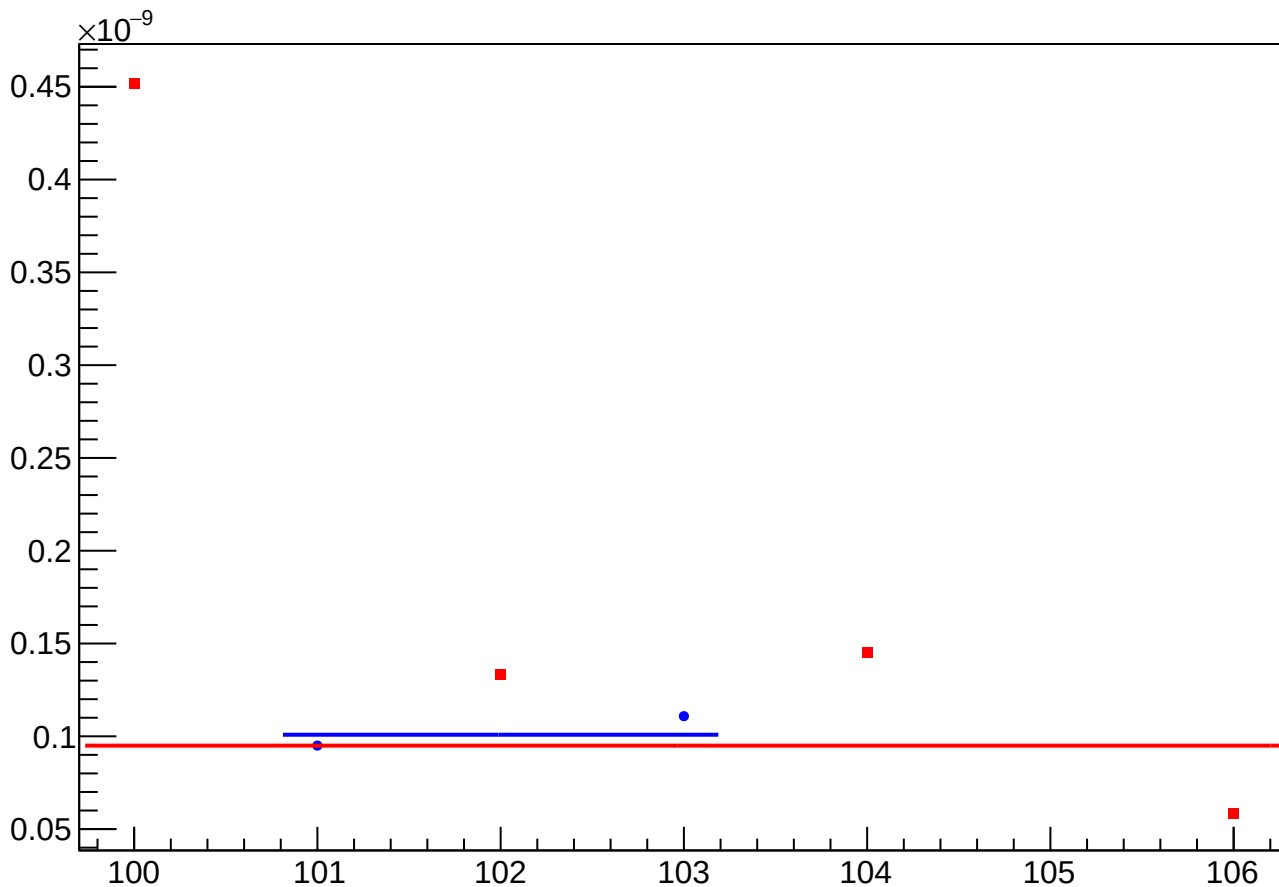
Right: 0.000+/-0.000 χ^2/NDF : 3.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.2/5

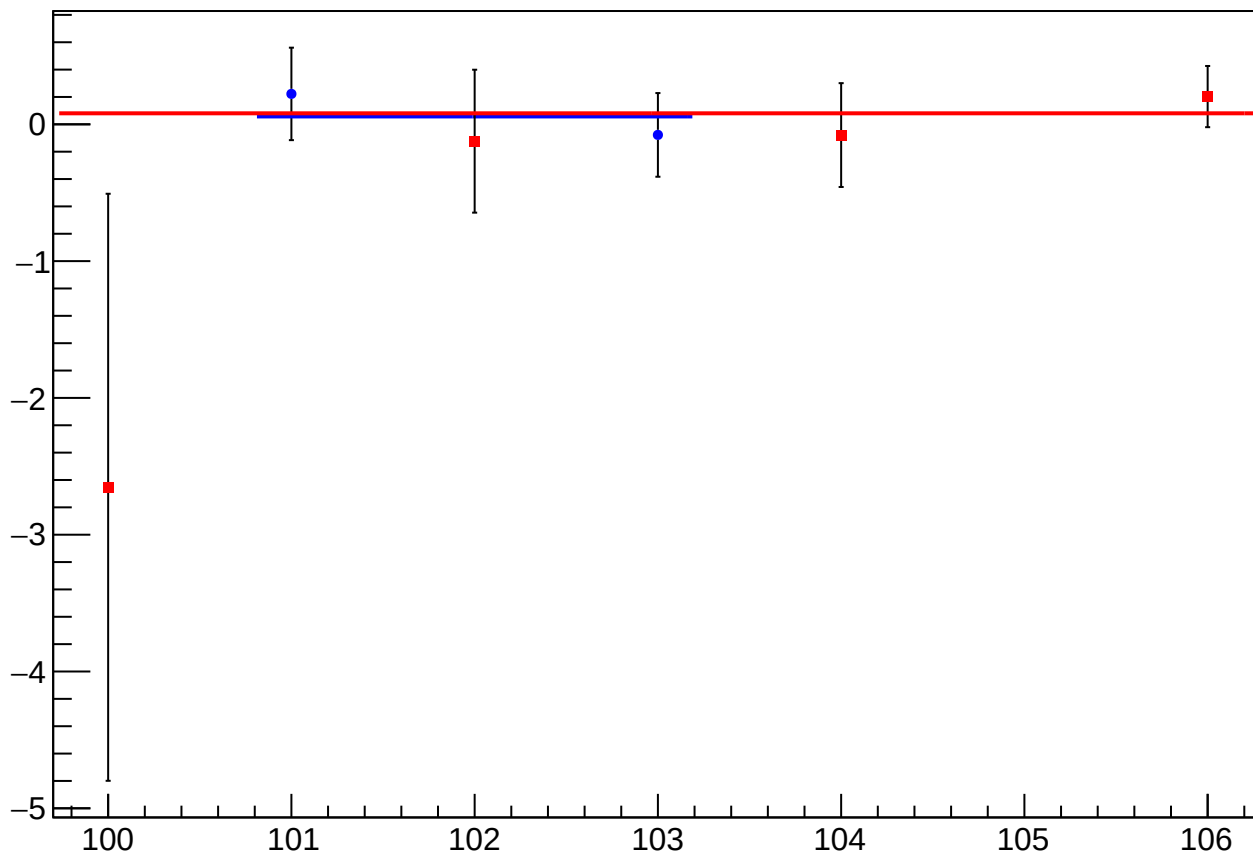
asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6522.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 261071.1/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 269634.9/5
 In: 0.000+/-0.000 χ^2/NDF : 6522.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 269634.9/5

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058+/-0.227 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.081+/-0.180 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

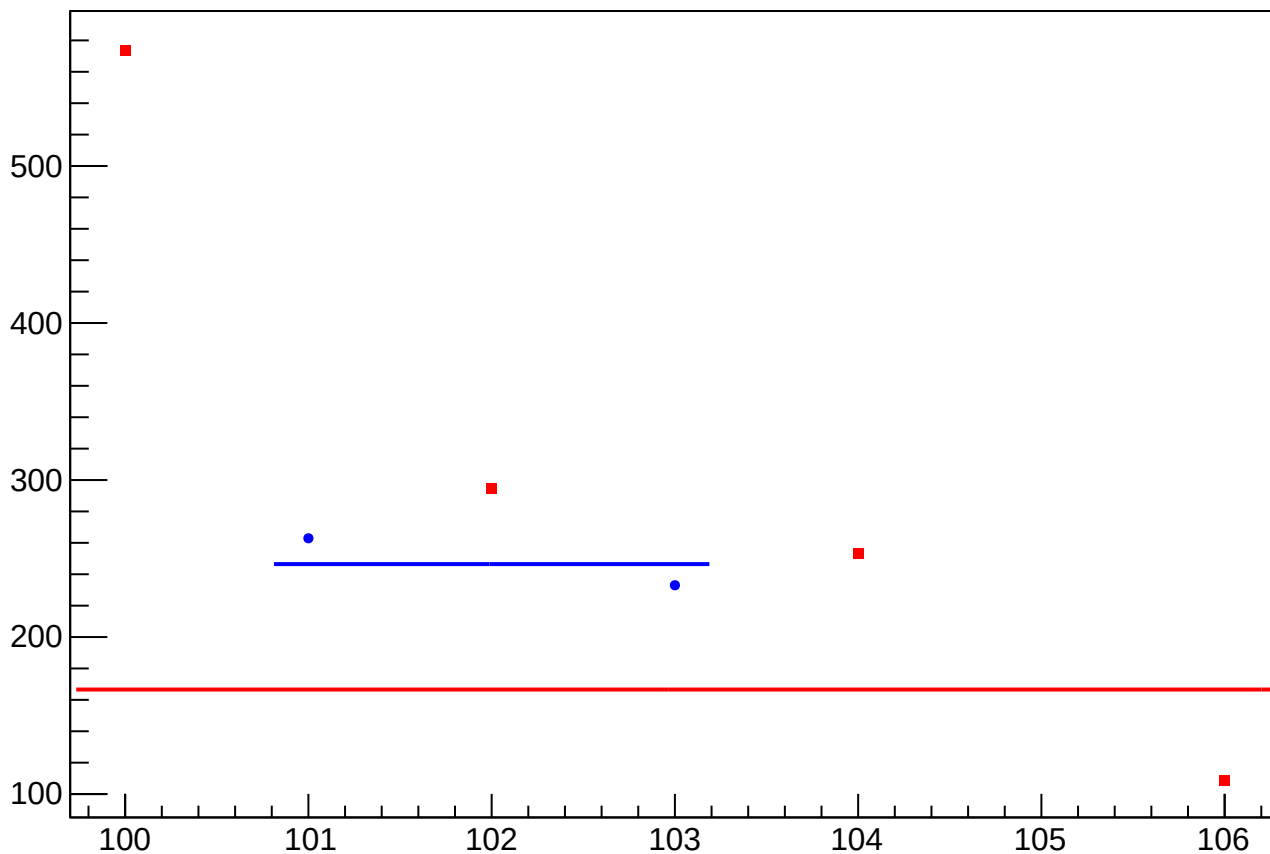
Right: 0.072+/-0.141 χ^2/NDF : 2.7/5

In: 0.058+/-0.227 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.141 χ^2/NDF : 2.7/5

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.575+/-0.127 χ^2/NDF : 430514.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

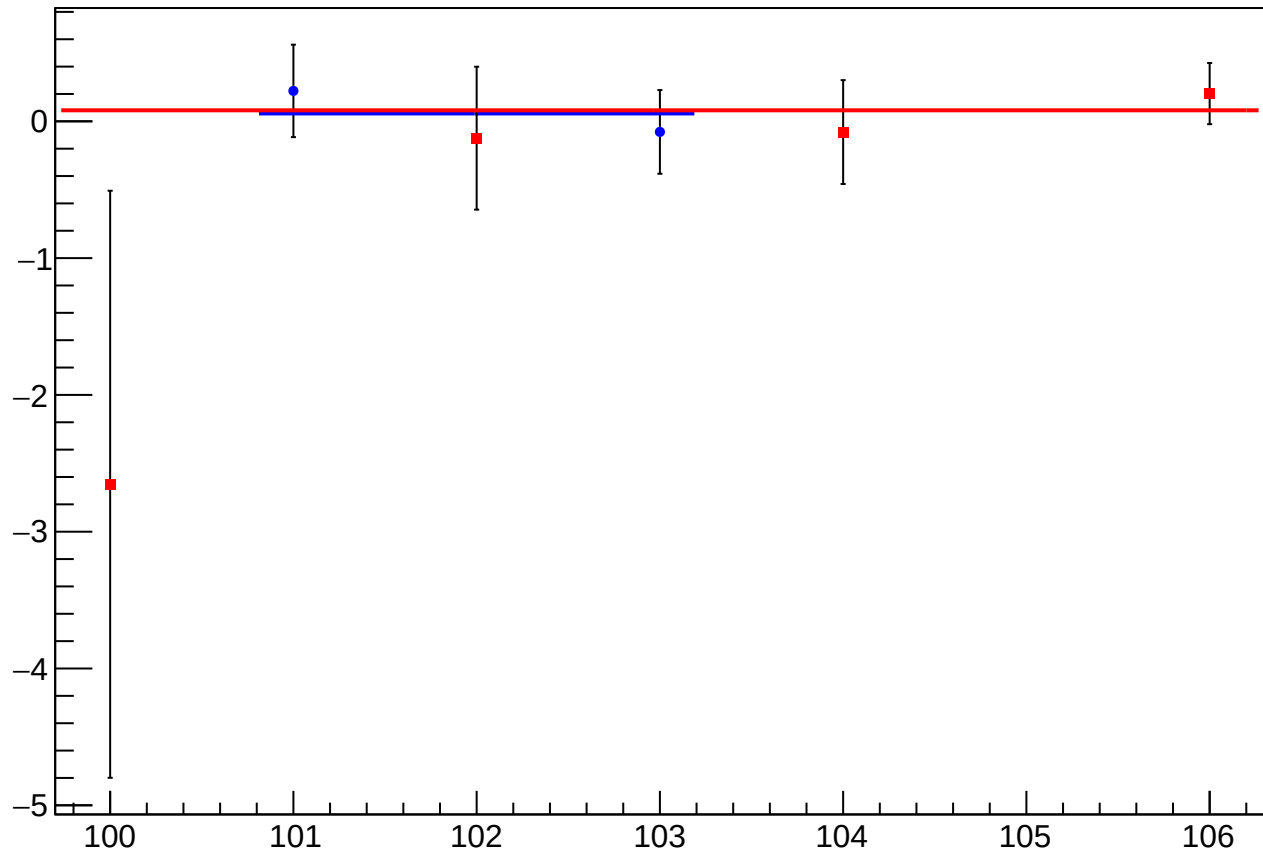
Right: 197.484+/-0.100 χ^2/NDF : 591293.0/5

In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.484+/-0.100 χ^2/NDF : 591293.0/5

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.081 $\pm$ 0.180 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

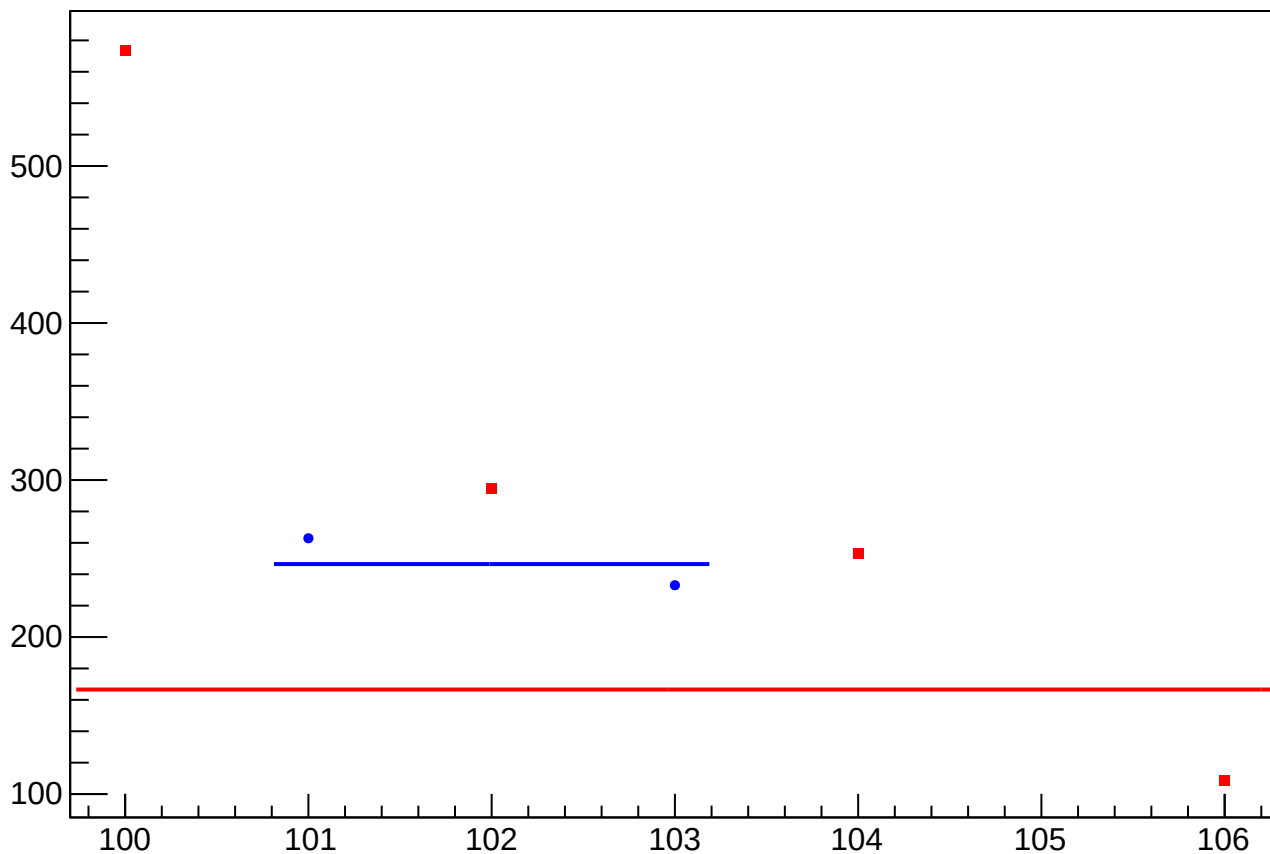
Right: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.575+/-0.127 χ^2/NDF : 430514.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

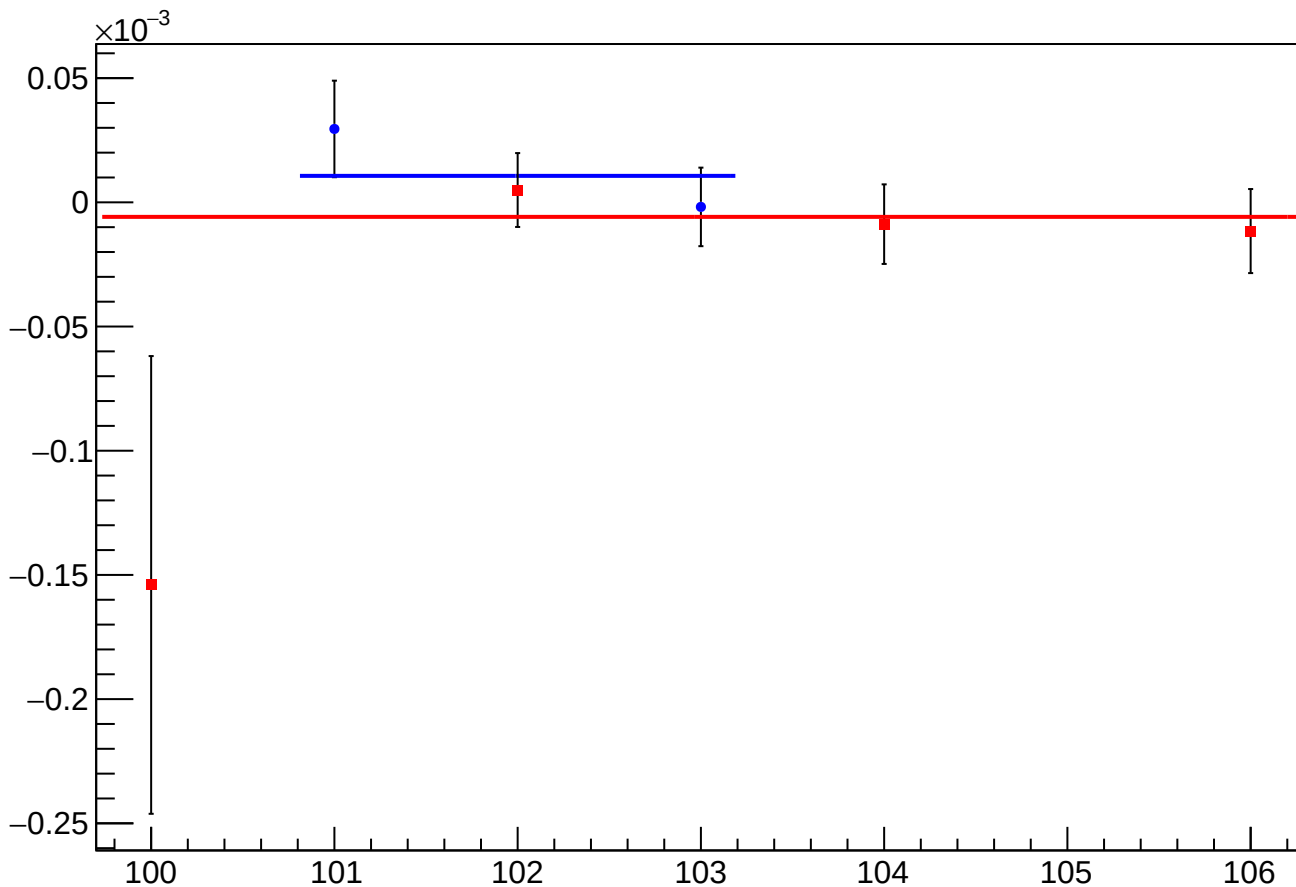
Right: 197.484+/-0.100 χ^2/NDF : 591293.0/5

In: 246.465+/-0.160 χ^2/NDF : 8615.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.484+/-0.100 χ^2/NDF : 591293.0/5

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

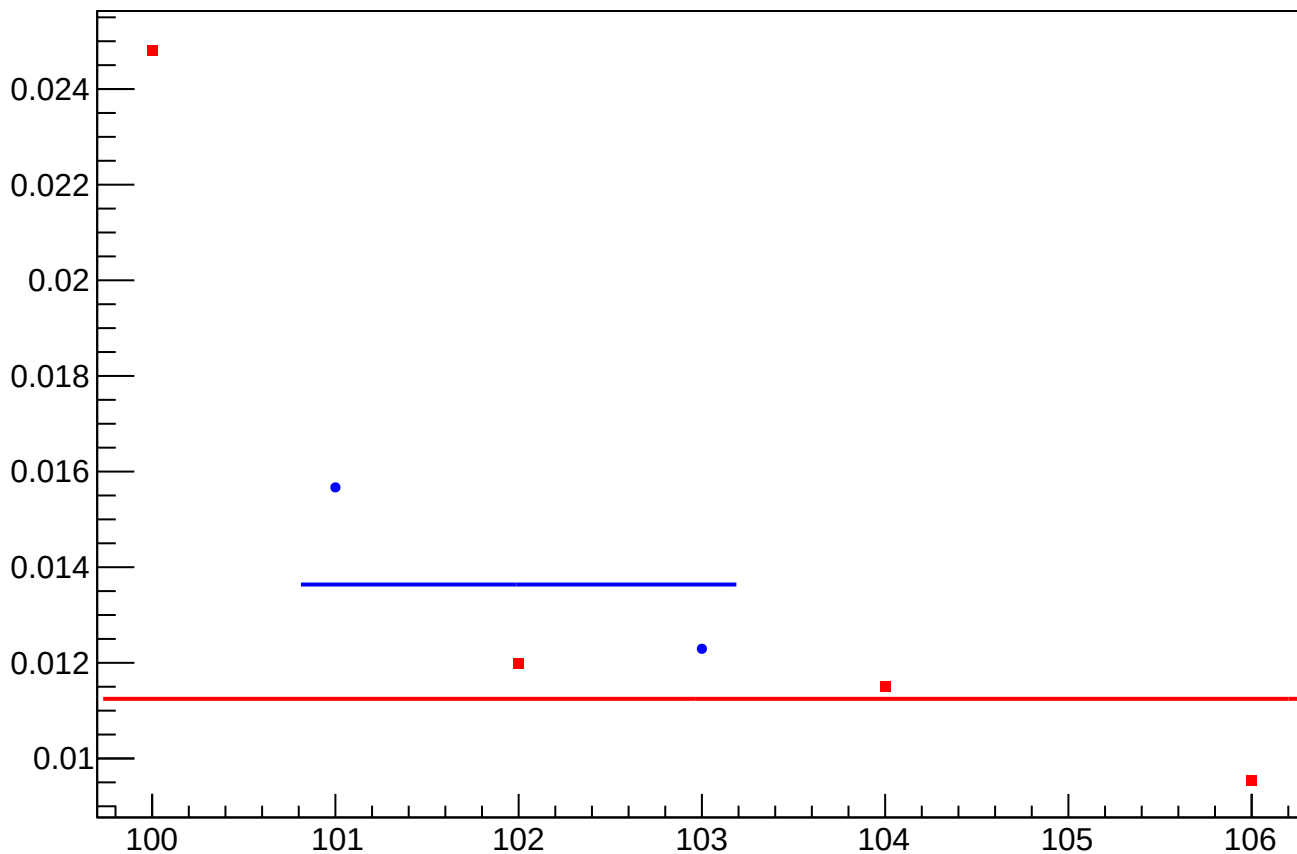
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 36318.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 68935.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

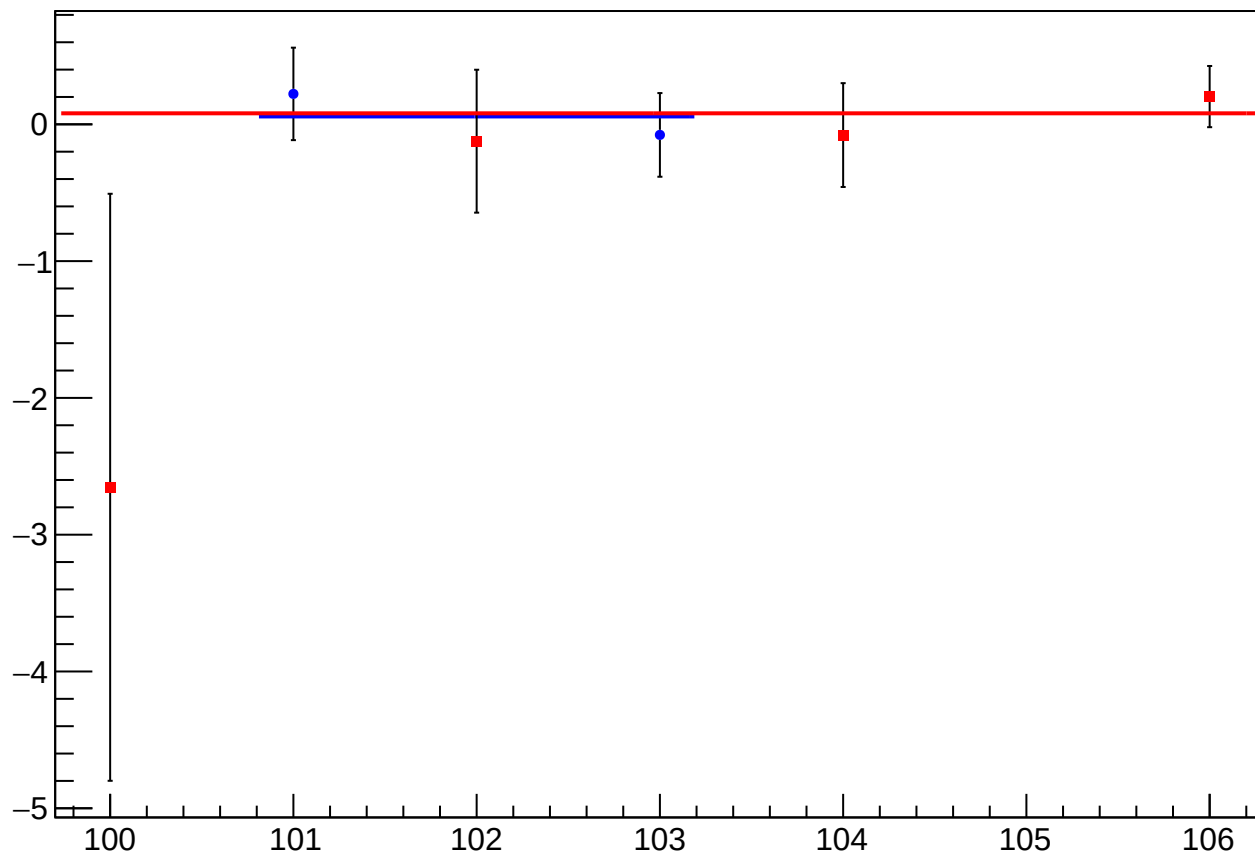
Right: 0.012+/-0.000 χ^2/NDF : 154203.3/5

In: 0.014+/-0.000 χ^2/NDF : 36318.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 154203.3/5

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.180 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

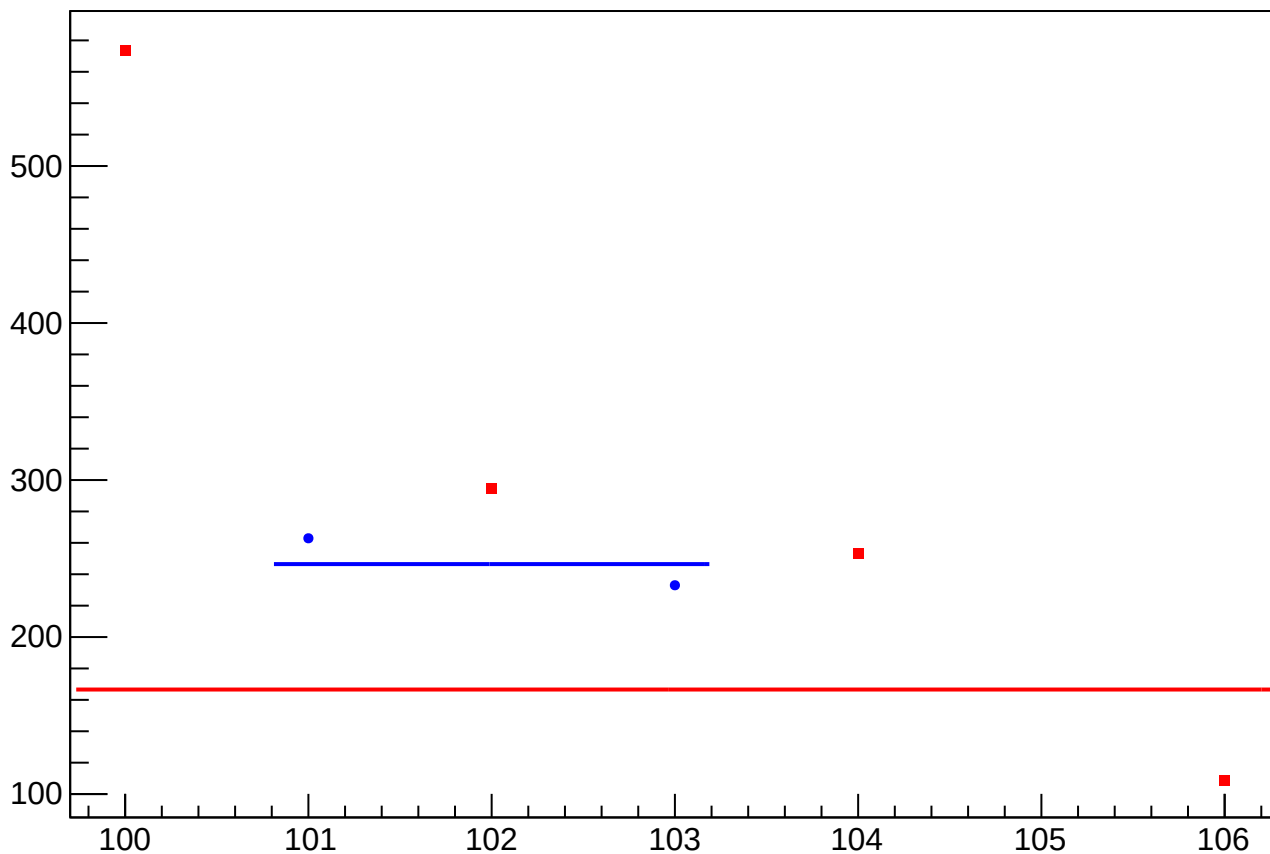
Right: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465 $\pm$ 0.160 χ^2 /NDF: 8612.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 166.580 $\pm$ 0.127 χ^2 /NDF: 430499.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

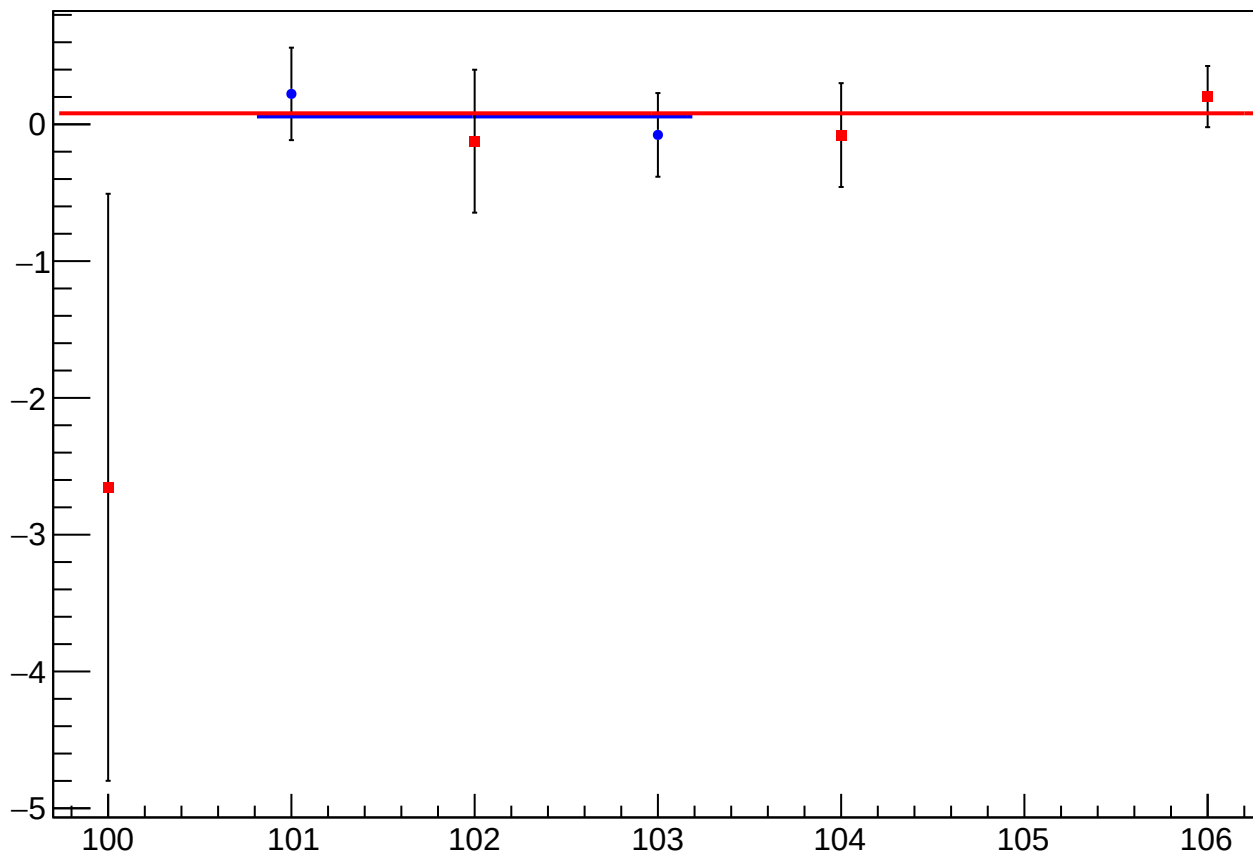
Right: 197.487 $\pm$ 0.100 χ^2 /NDF: 591257.3/5

In: 246.465 $\pm$ 0.160 χ^2 /NDF:8612.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 197.487 $\pm$ 0.100 χ^2 /NDF: 591257.3/5

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.180 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

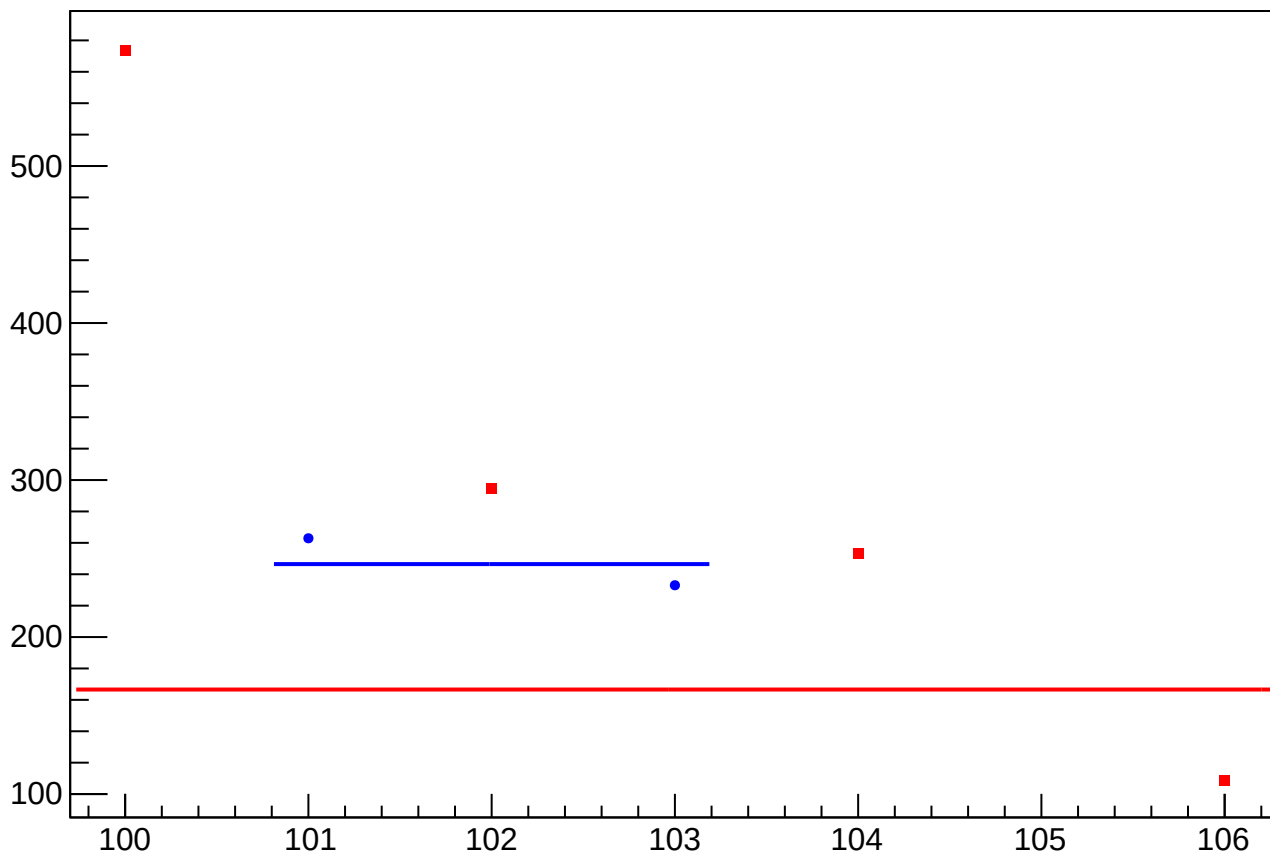
Right: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

In: 0.058 $\pm$ 0.227 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.072 $\pm$ 0.141 χ^2 /NDF: 2.7/5

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.580+/-0.127 χ^2/NDF : 430499.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

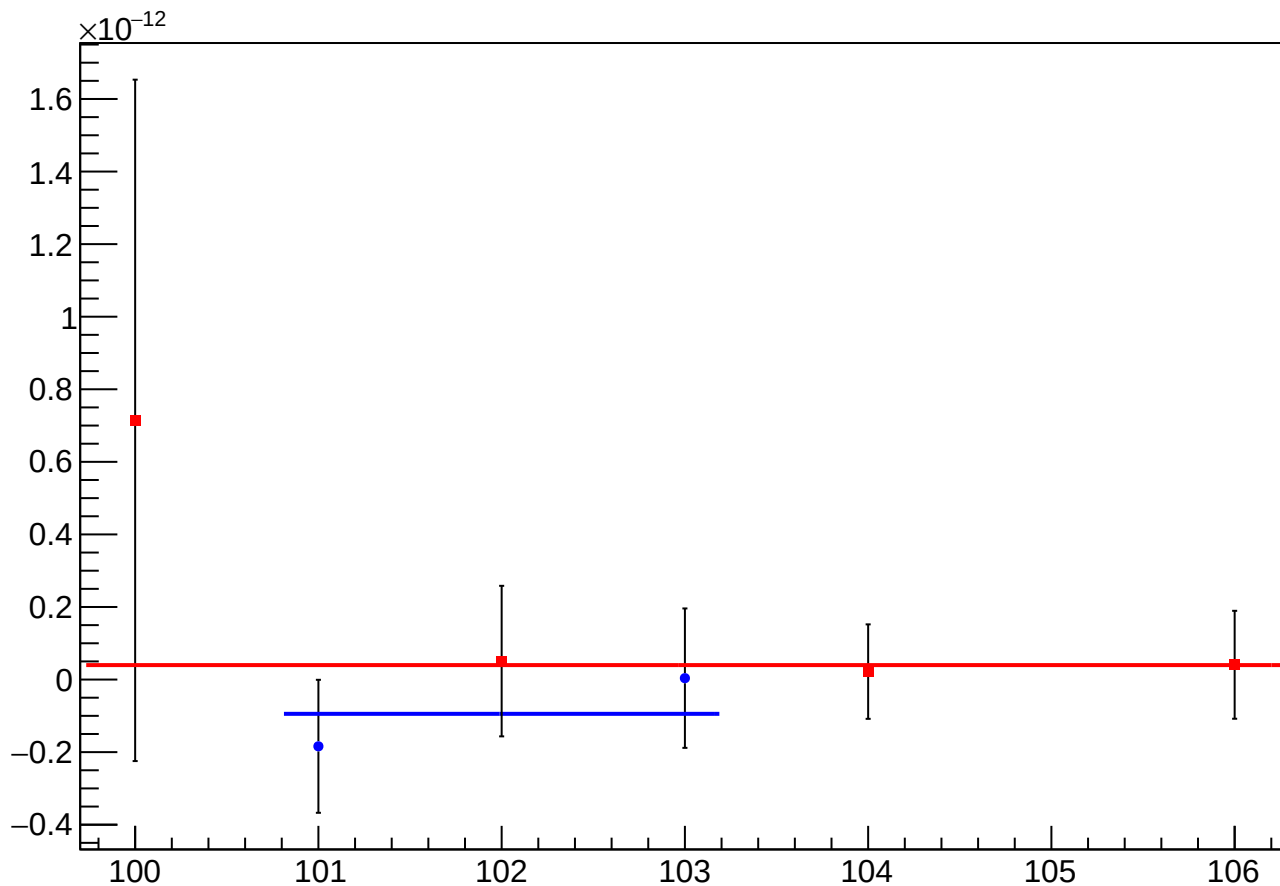
Right: 197.487+/-0.100 χ^2/NDF : 591257.3/5

In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.487+/-0.100 χ^2/NDF : 591257.3/5

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

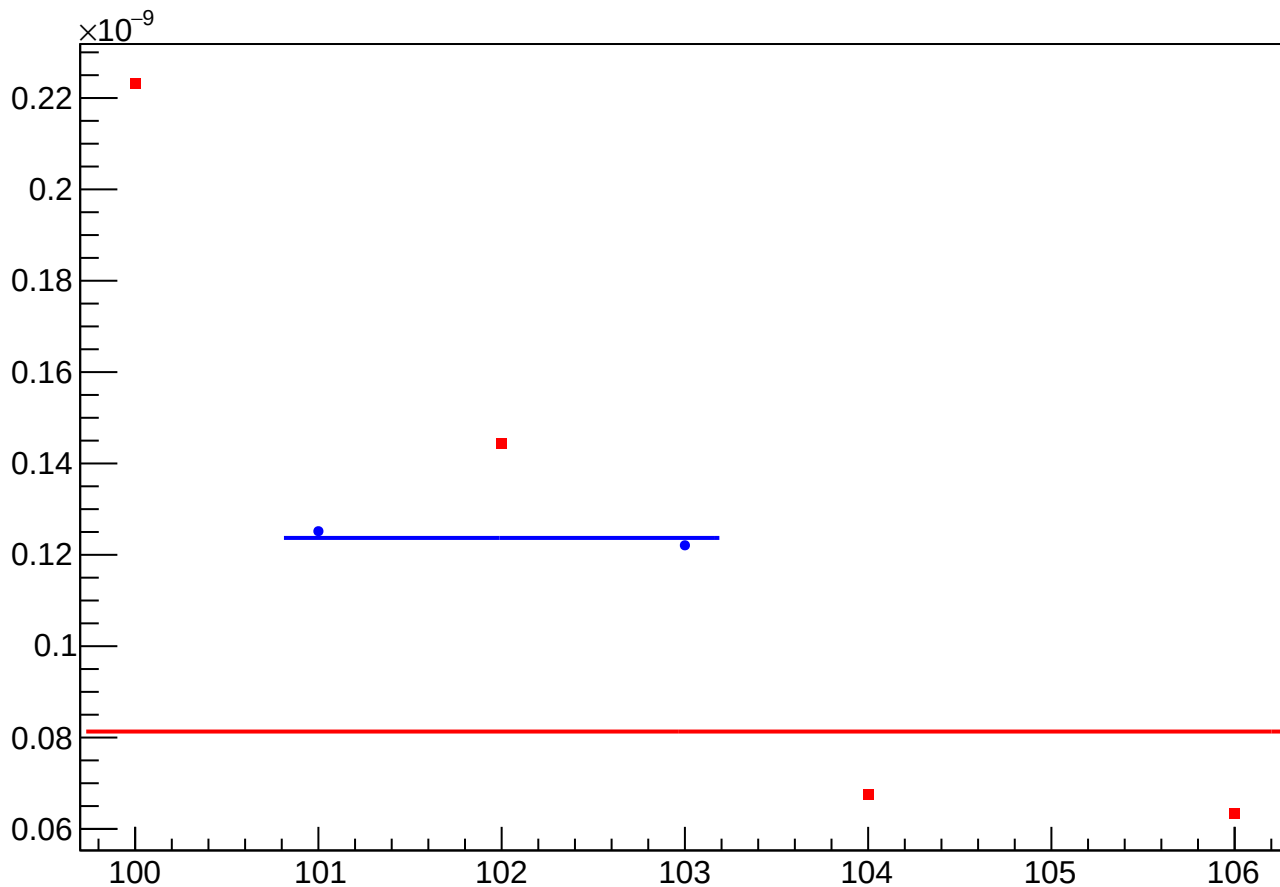
Right: -0.000+/-0.000 χ^2/NDF : 1.7/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.7/5

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 282258.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

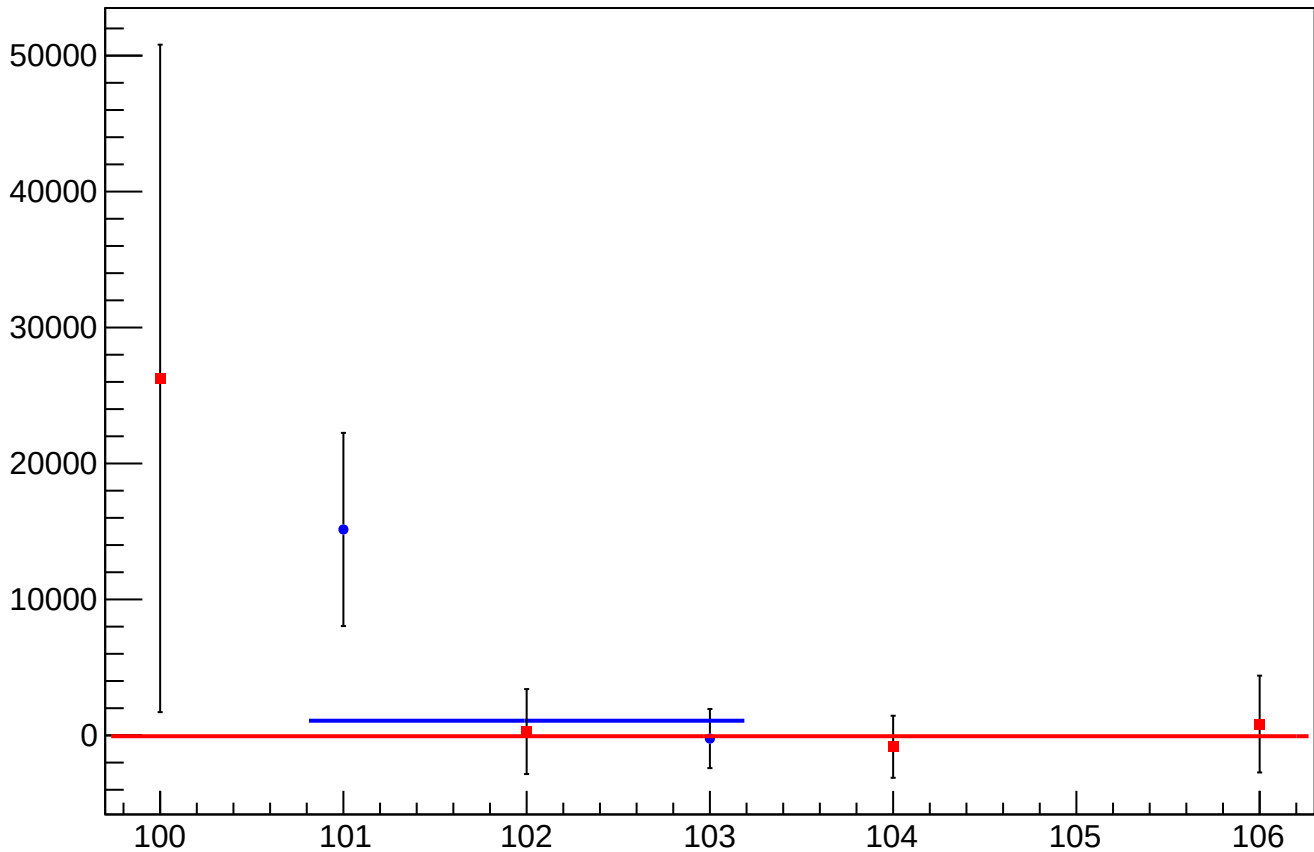
Right: 0.000+/-0.000 χ^2/NDF : 424210.5/5

In: 0.000+/-0.000 χ^2/NDF : 270.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 424210.5/5

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1079.127+/-2077.725 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.650+/-1633.121 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

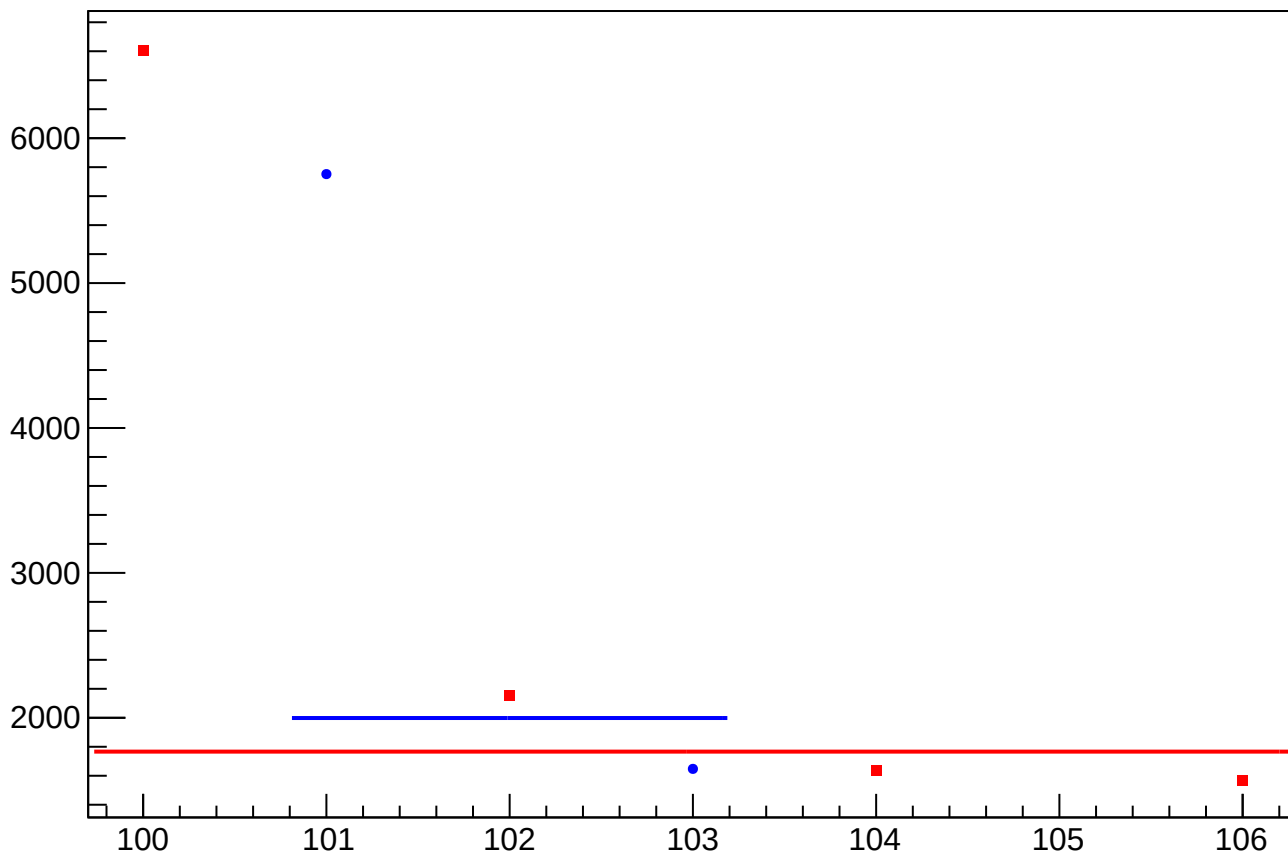
Right: 374.612+/-1283.966 χ^2/NDF : 5.8/5

In: 1079.127+/-2077.725 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.612+/-1283.966 χ^2/NDF : 5.8/5

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.428 +/- 1.469 χ^2/NDF : 610330.1/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1766.541 +/- 1.105 χ^2/NDF : 124279.8/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

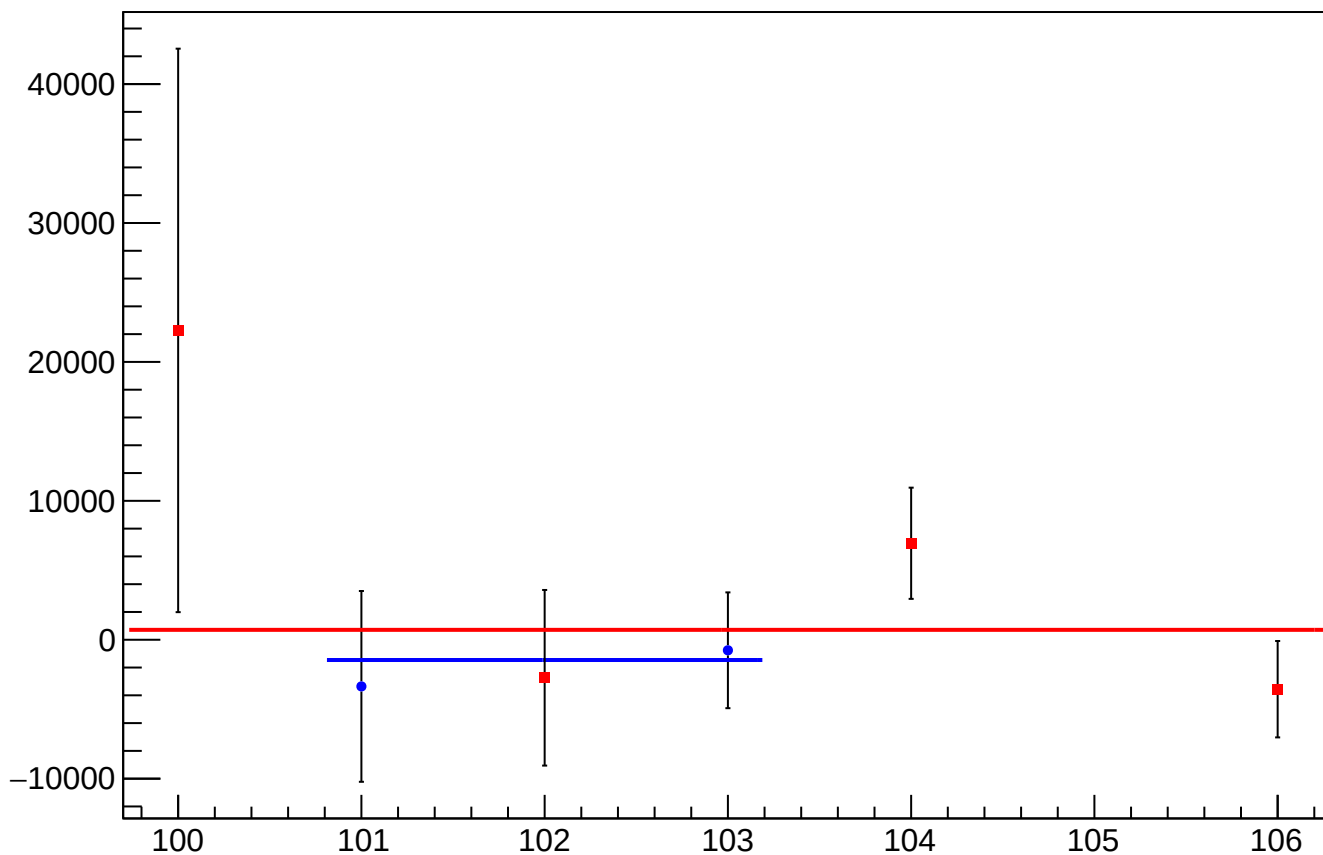
Right: 1850.326 +/- 0.883 χ^2/NDF : 750520.7/5

In: 1998.428 +/- 1.469 χ^2/NDF : 610330.1/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1850.326 +/- 0.883 χ^2/NDF : 750520.7/5

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1457.958 $\pm$ 3562.734 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 713.063 $\pm$ 2404.605 χ^2 /NDF: 5.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

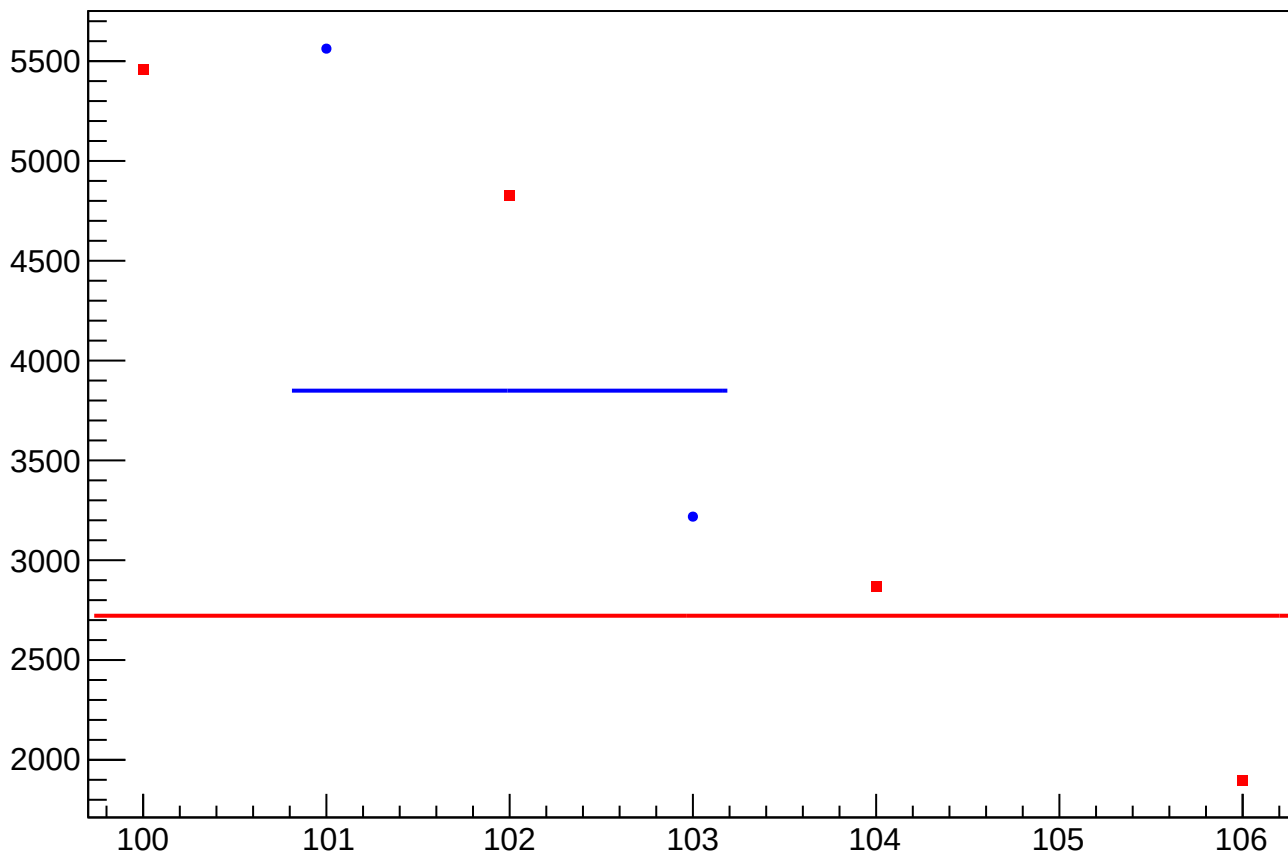
Right: 33.605 $\pm$ 1993.116 χ^2 /NDF: 5.7/5

In: -1457.958 $\pm$ 3562.734 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.605 $\pm$ 1993.116 χ^2 /NDF: 5.7/5

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3849.371+/-2.519 χ^2/NDF : 170345.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2721.924+/-1.700 χ^2/NDF : 374057.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

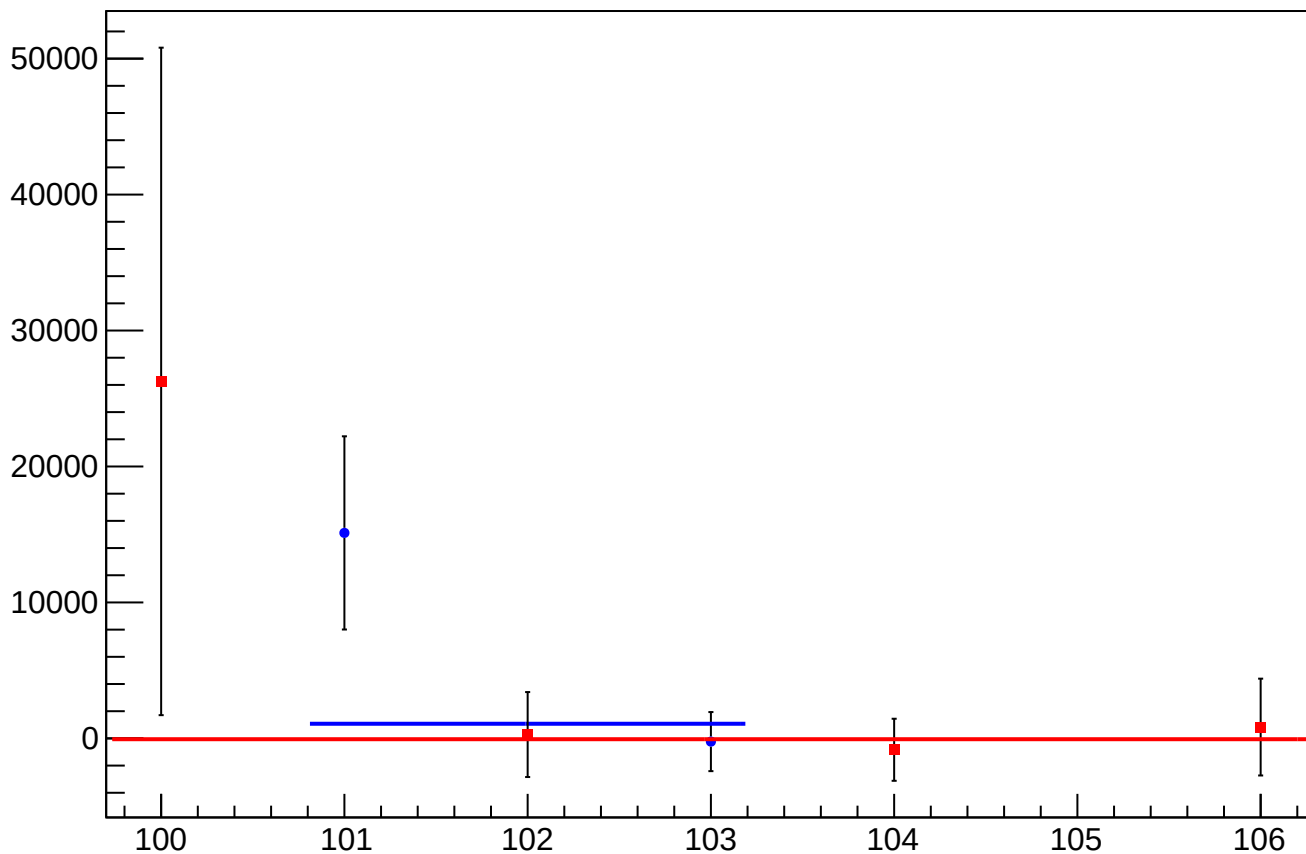
Right: 3074.778+/-1.409 χ^2/NDF : 682006.9/5

In: 3849.371+/-2.519 χ^2/NDF : 170345.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3074.778+/-1.409 χ^2/NDF : 682006.9/5

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1076.571+/-2077.727 χ^2 /NDF: 4.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -60.059+/-1633.122 χ^2 /NDF: 1.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

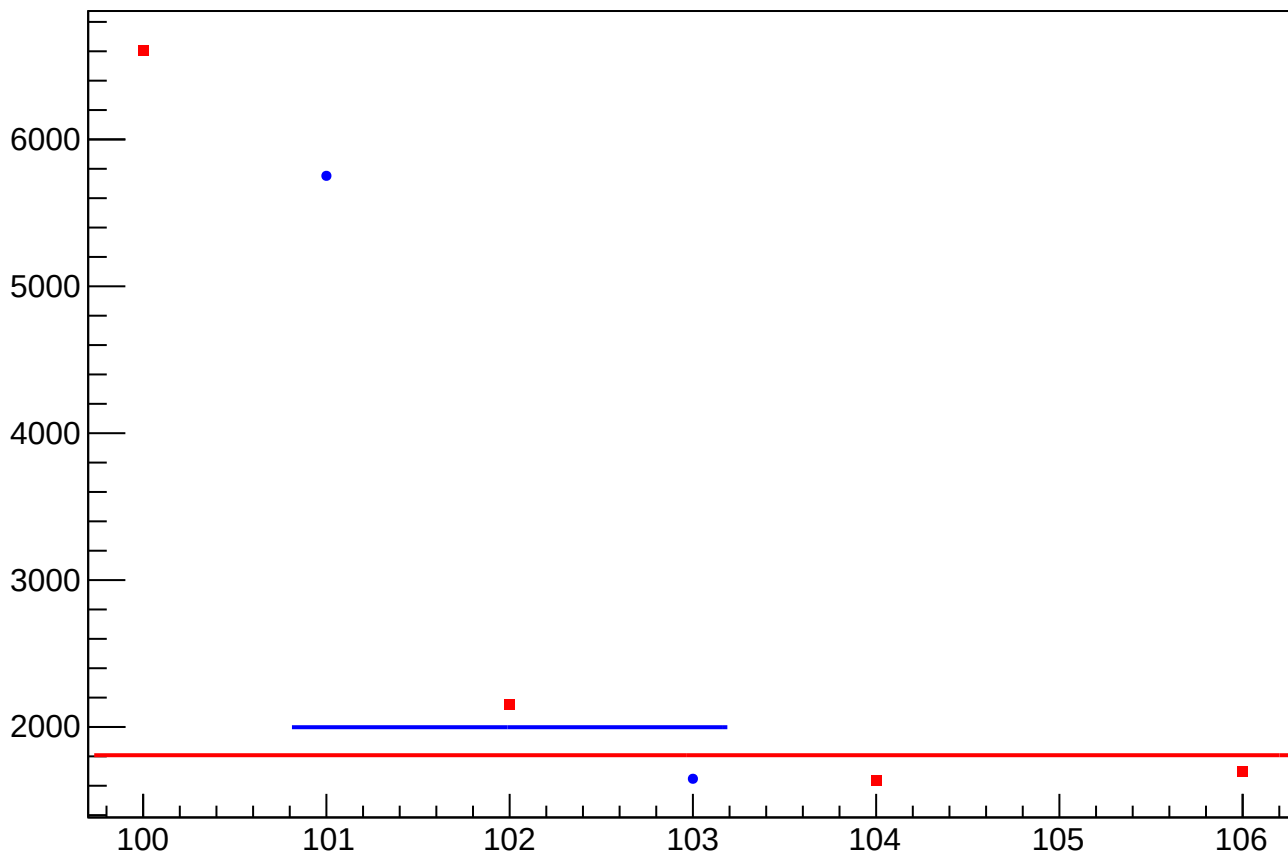
Right: 374.001+/-1283.967 χ^2 /NDF: 5.8/5

In: 1076.571+/-2077.727 χ^2 /NDF:4.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 374.001+/-1283.967 χ^2 /NDF: 5.8/5

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.789+/-1.129 χ^2/NDF : 114790.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

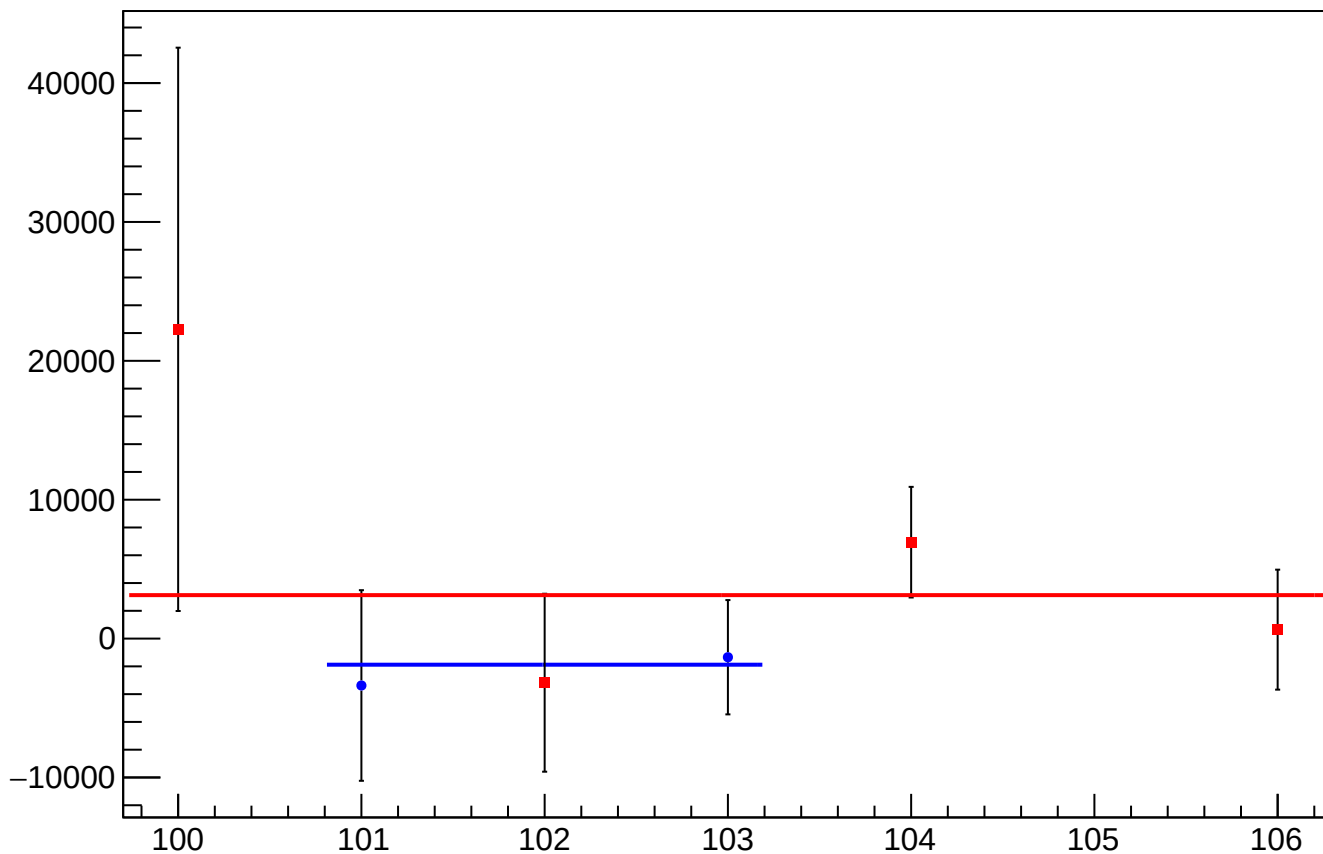
Right: 1878.550+/-0.895 χ^2/NDF : 735709.2/5

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.550+/-0.895 χ^2/NDF : 735709.2/5

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3129.582+/-2640.443 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

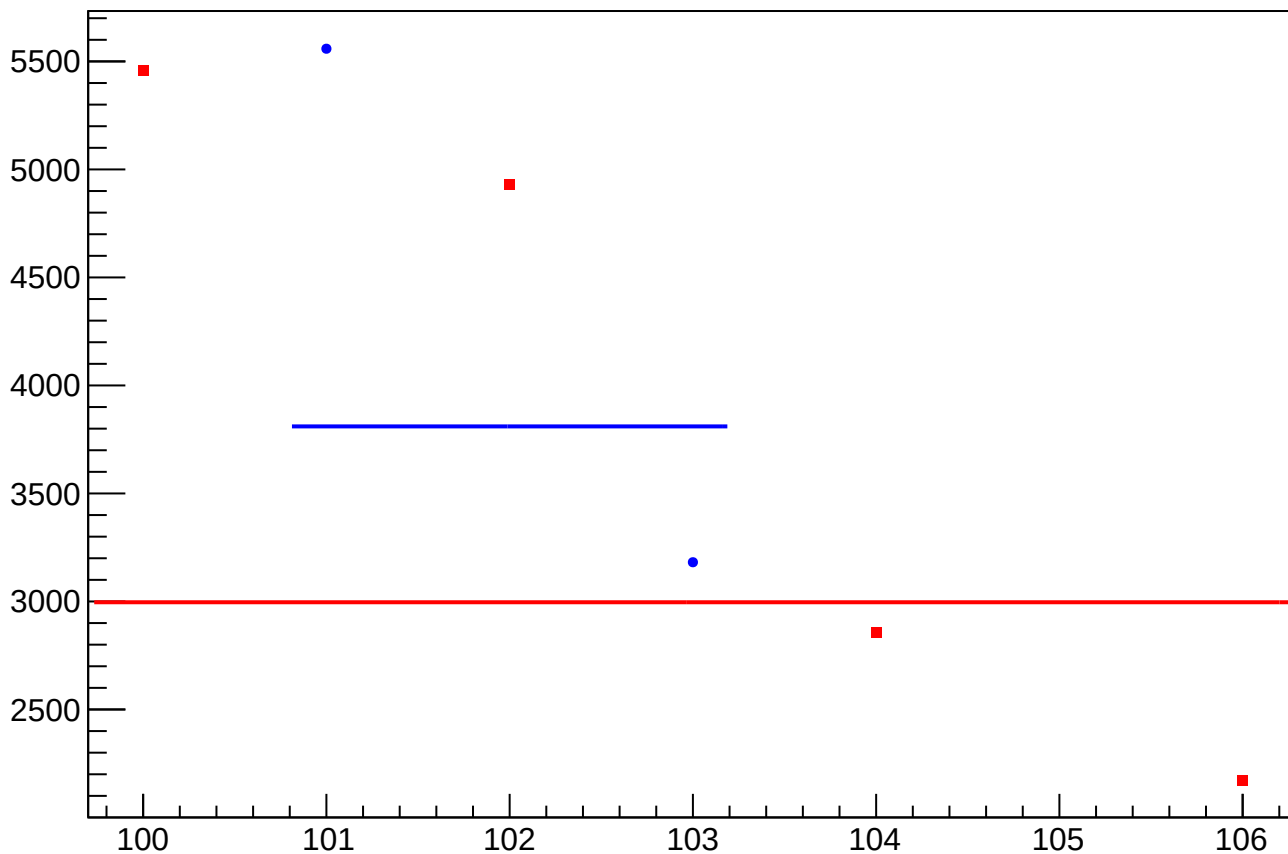
Right: 1331.880+/-2114.244 χ^2/NDF : 4.5/5

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.880+/-2114.244 χ^2/NDF : 4.5/5

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2996.326+/-1.867 χ^2/NDF : 286715.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

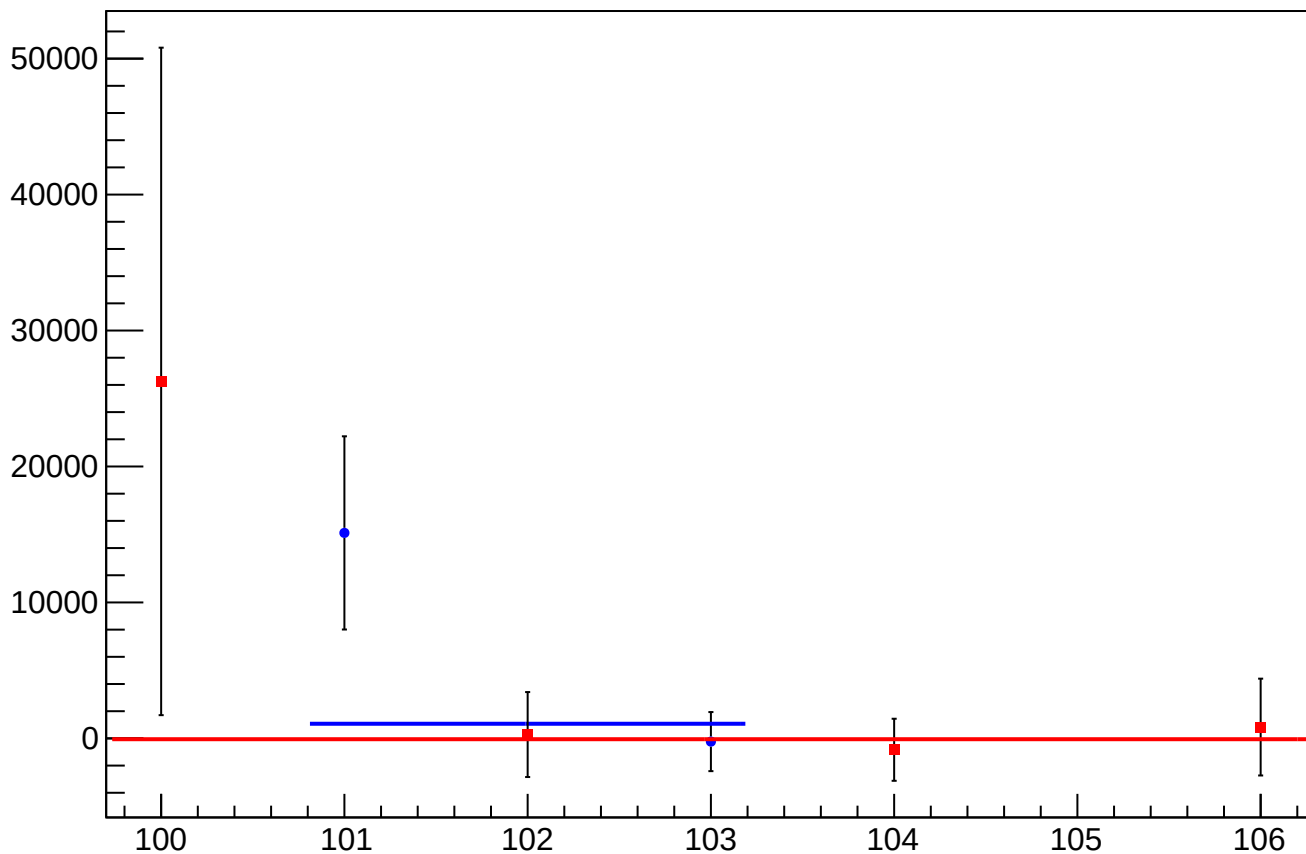
Right: 3288.455+/-1.495 χ^2/NDF : 531453.4/5

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3288.455+/-1.495 χ^2/NDF : 531453.4/5

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.059+/-1633.122 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

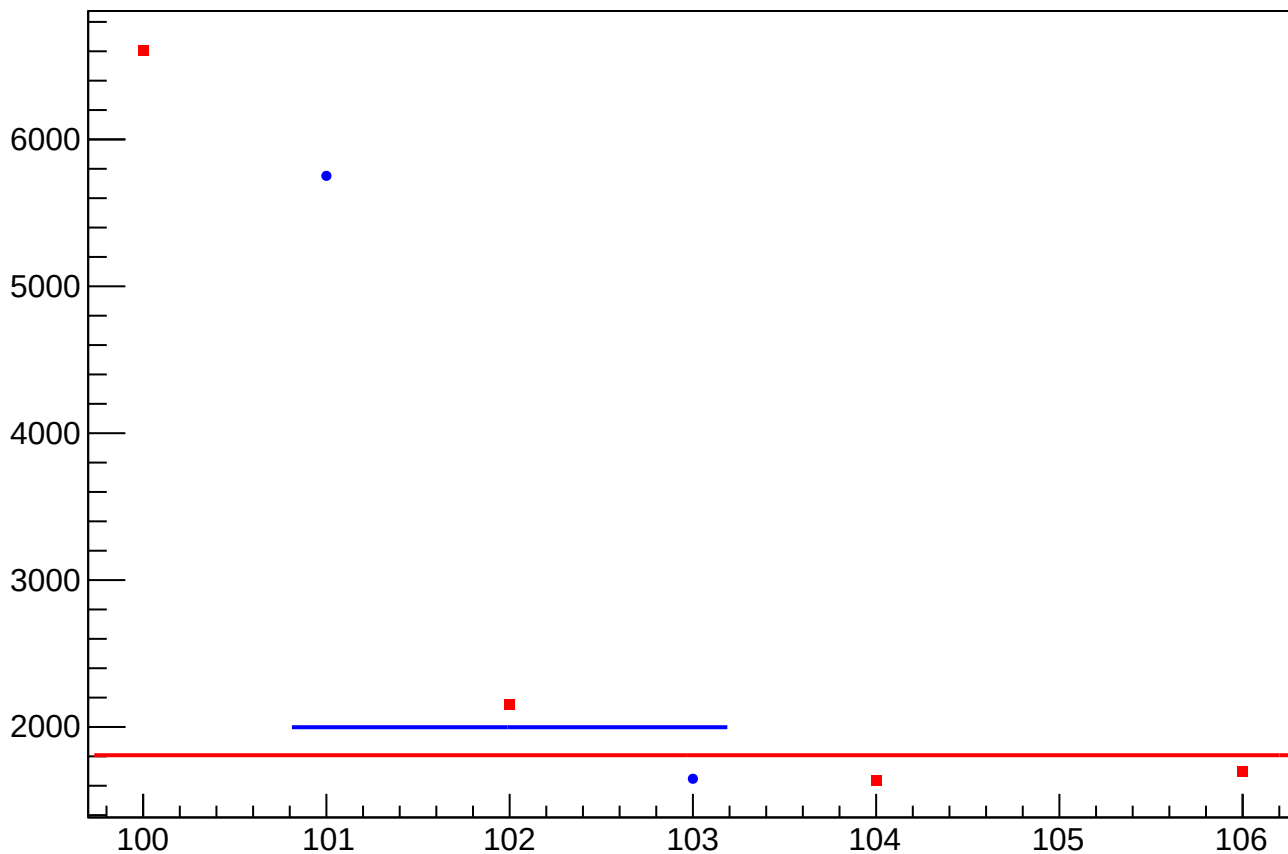
Right: 374.001+/-1283.967 χ^2/NDF : 5.8/5

In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.001+/-1283.967 χ^2/NDF : 5.8/5

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1807.789+/-1.129 χ^2/NDF : 114790.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

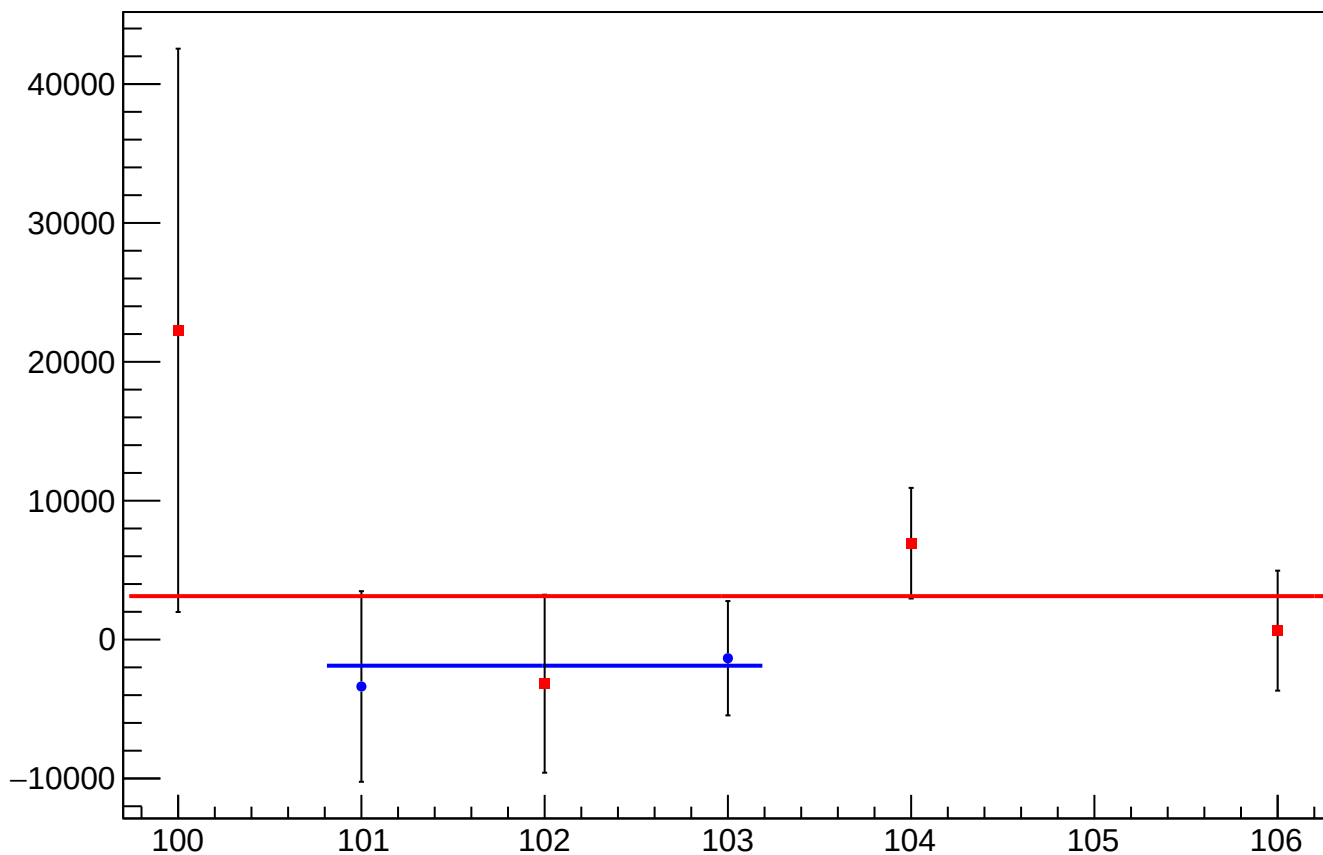
Right: 1878.550+/-0.895 χ^2/NDF : 735709.2/5

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.550+/-0.895 χ^2/NDF : 735709.2/5

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3129.582+/-2640.443 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

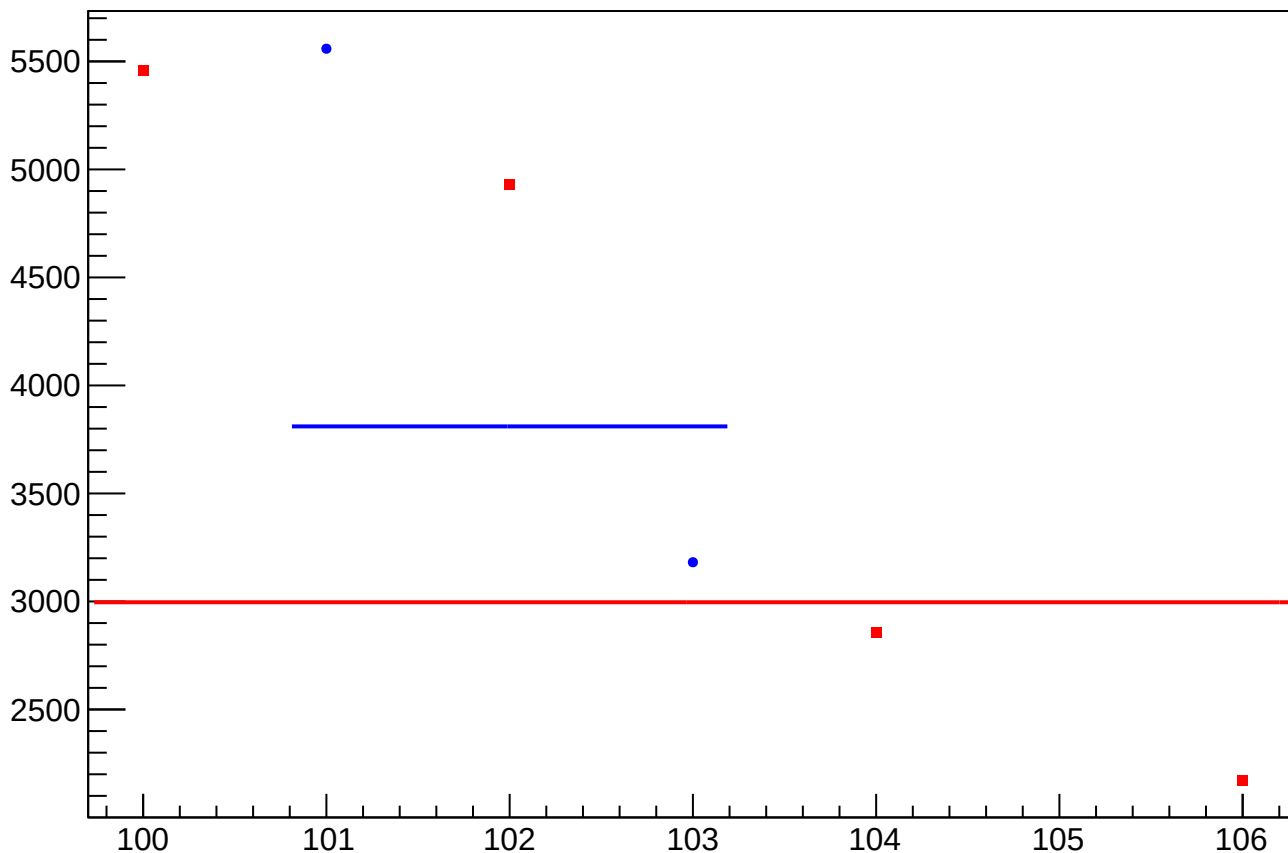
Right: 1331.880+/-2114.244 χ^2/NDF : 4.5/5

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.880+/-2114.244 χ^2/NDF : 4.5/5

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2996.326+/-1.867 χ^2/NDF : 286715.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

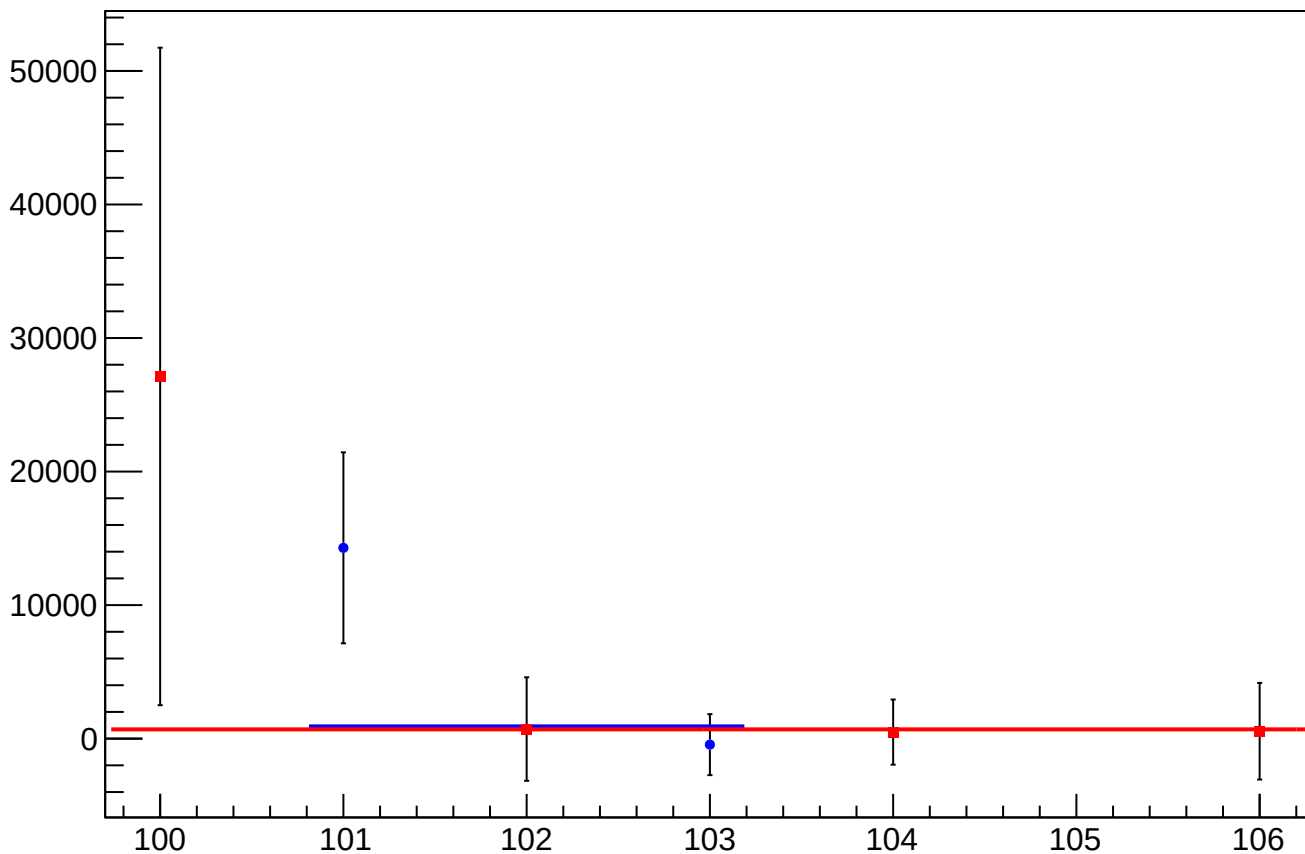
Right: 3288.455+/-1.495 χ^2/NDF : 531453.4/5

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3288.455+/-1.495 χ^2/NDF : 531453.4/5

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 916.708 $\pm$ 2176.070 χ^2 /NDF: 3.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 694.624 $\pm$ 1788.177 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

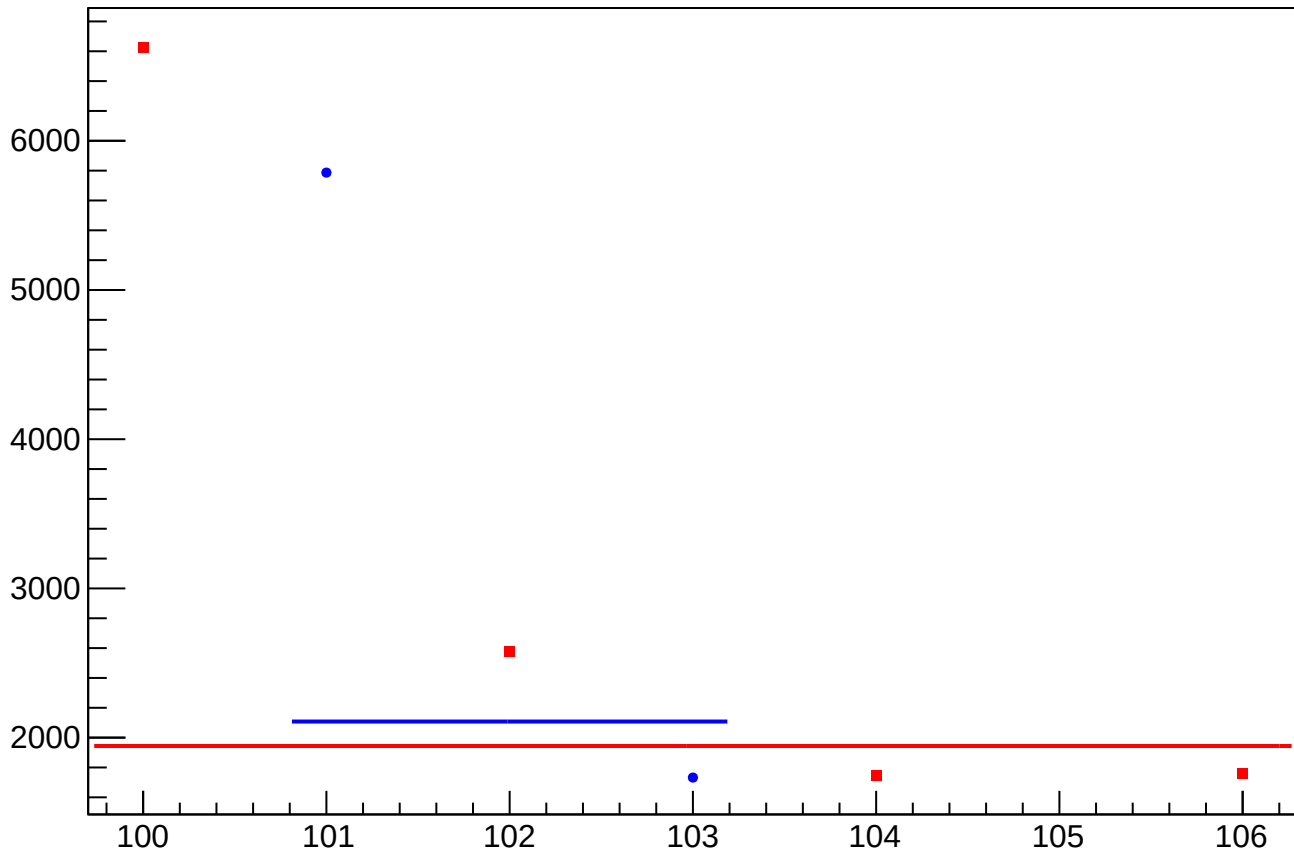
Right: 784.141 $\pm$ 1381.556 χ^2 /NDF: 5.0/5

In: 916.708 $\pm$ 2176.070 χ^2 /NDF:3.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 784.141 $\pm$ 1381.556 χ^2 /NDF: 5.0/5

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 2107.964 $\pm$ 1.539 χ^2 /NDF: 583498.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1943.933 $\pm$ 1.240 χ^2 /NDF: 144535.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

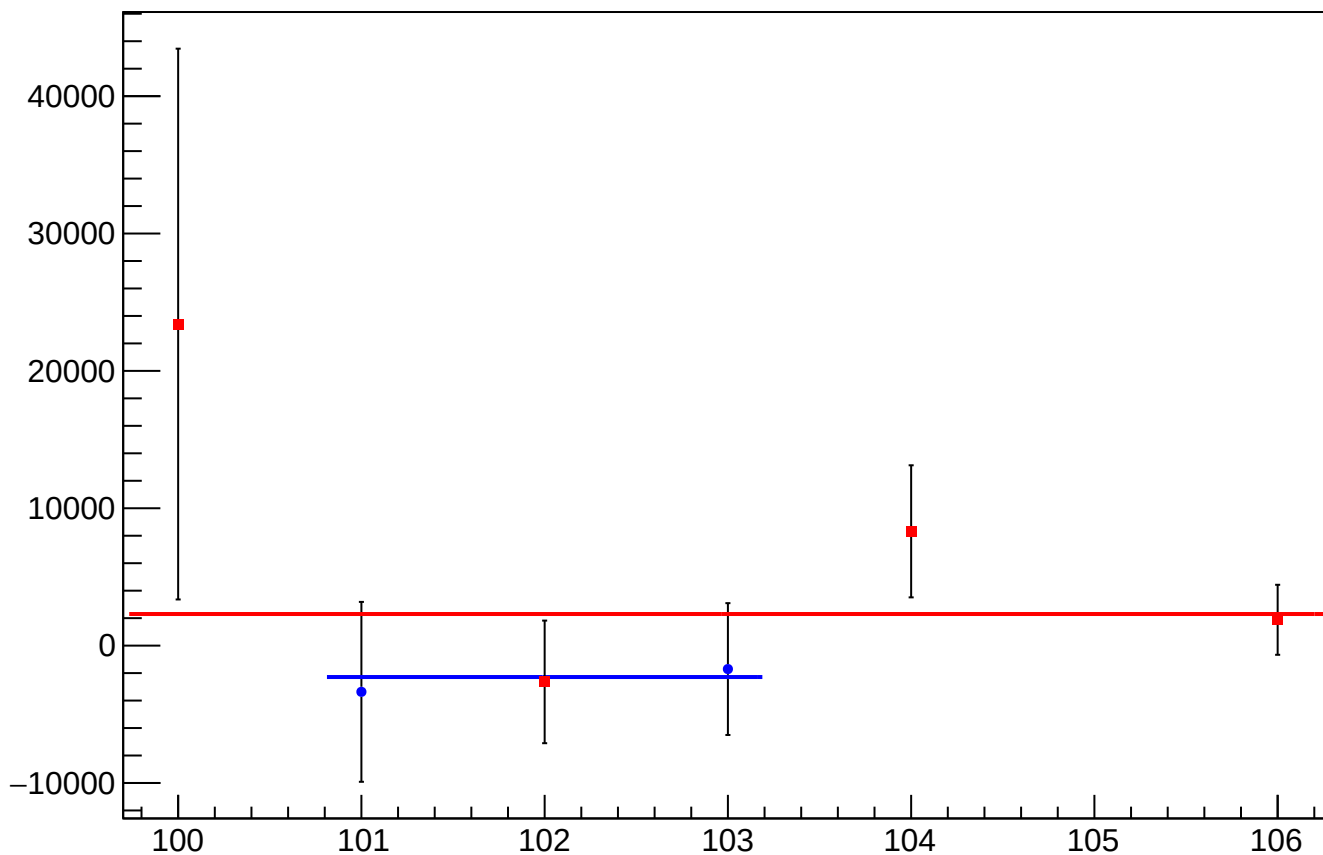
Right: 2008.532 $\pm$ 0.966 χ^2 /NDF: 734922.2/5

In: 2107.964 $\pm$ 1.539 χ^2 /NDF:583498.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2008.532 $\pm$ 0.966 χ^2 /NDF: 734922.2/5

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2286.359+/-3870.537 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2300.963+/-2000.203 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

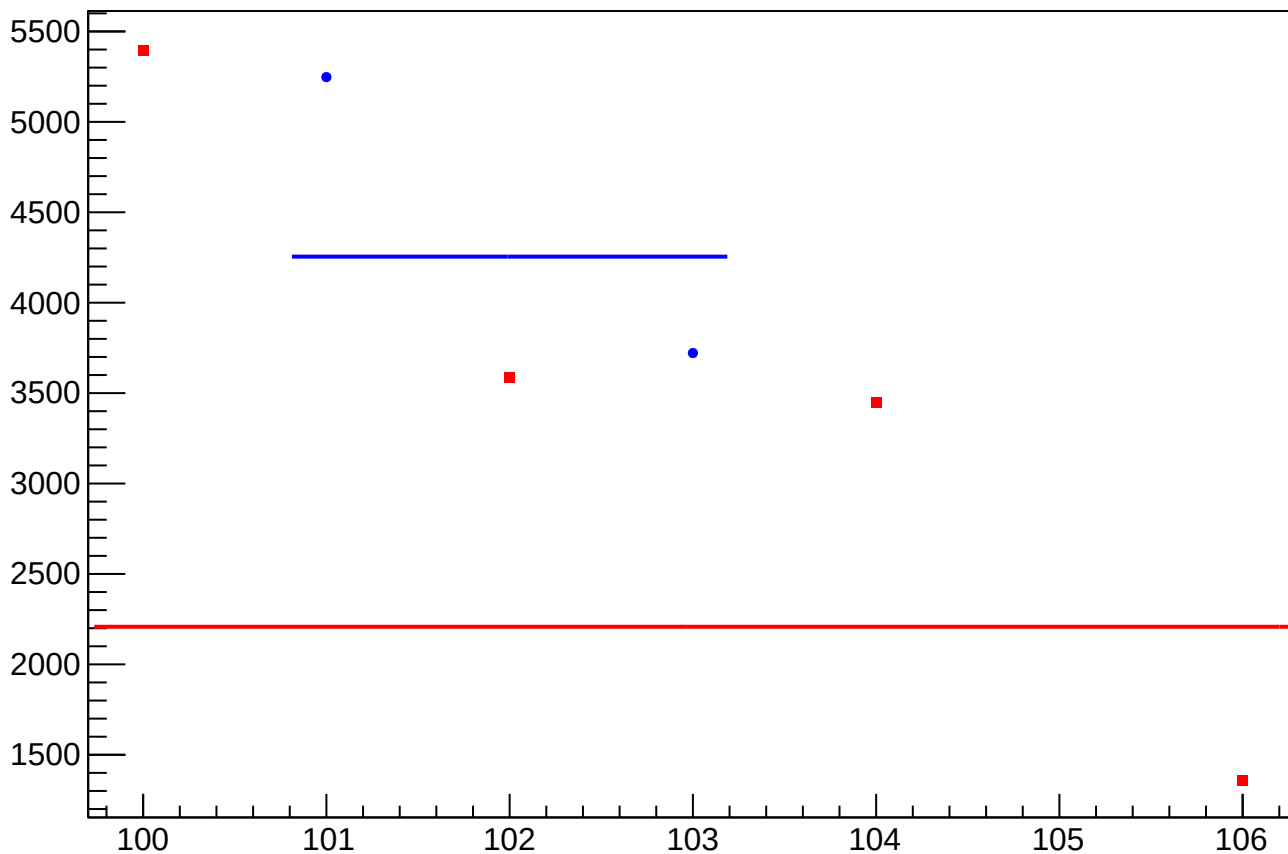
Right: 1334.092+/-1776.953 χ^2/NDF : 5.1/5

In: -2286.359+/-3870.537 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.092+/-1776.953 χ^2/NDF : 5.1/5

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4254.736+/-2.737 χ^2/NDF : 70656.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2207.991+/-1.414 χ^2/NDF : 597569.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

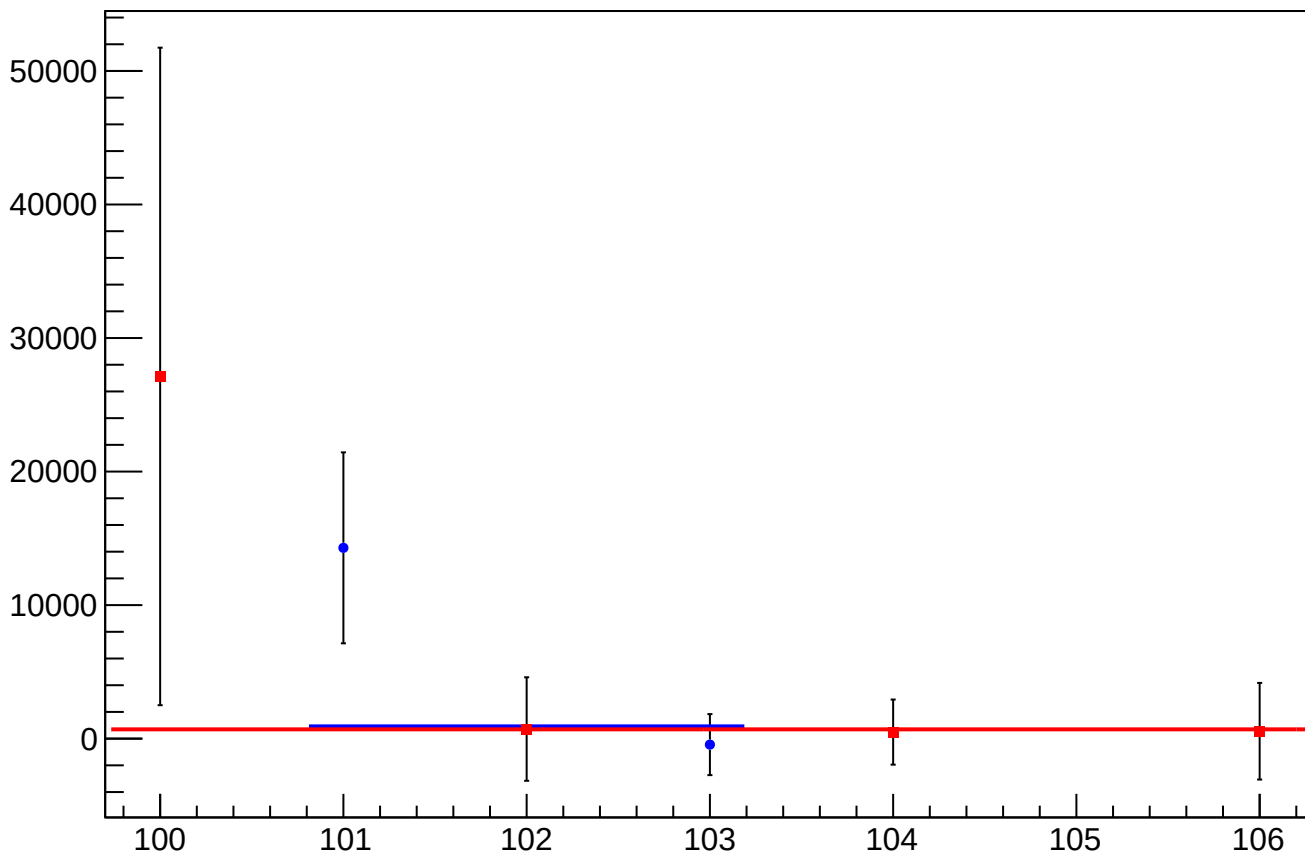
Right: 2639.384+/-1.256 χ^2/NDF : 1109612.2/5

In: 4254.736+/-2.737 χ^2/NDF : 70656.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.384+/-1.256 χ^2/NDF : 1109612.2/5

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 916.709+/-2176.069 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.619+/-1788.177 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

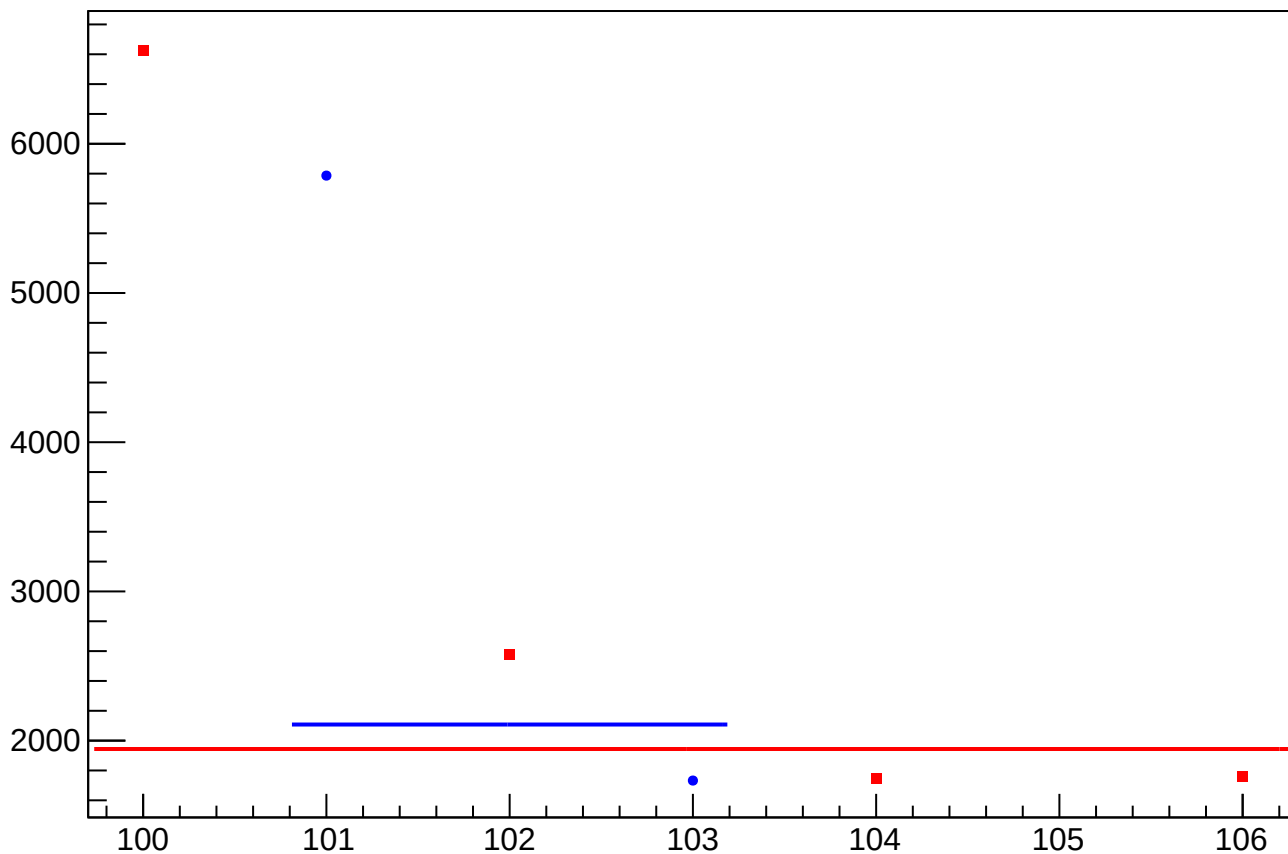
Right: 784.139+/-1381.556 χ^2/NDF : 5.0/5

In: 916.709+/-2176.069 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.139+/-1381.556 χ^2/NDF : 5.0/5

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 2107.963+/-1.539 χ^2/NDF : 583498.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1943.932+/-1.240 χ^2/NDF : 144535.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

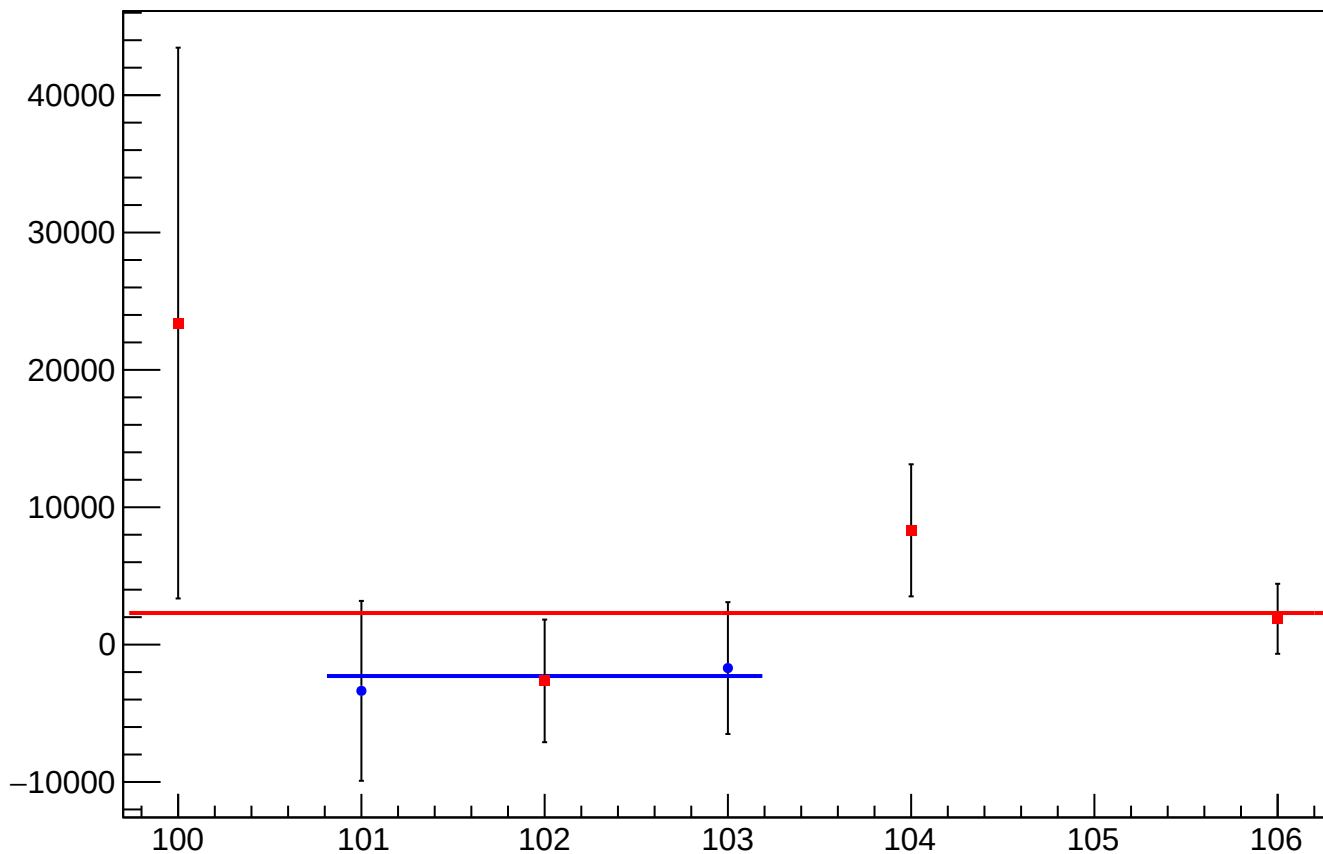
Right: 2008.531+/-0.966 χ^2/NDF : 734922.5/5

In: 2107.963+/-1.539 χ^2/NDF : 583498.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2008.531+/-0.966 χ^2/NDF : 734922.5/5

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2286.358+/-3870.533 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2300.949+/-2000.193 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

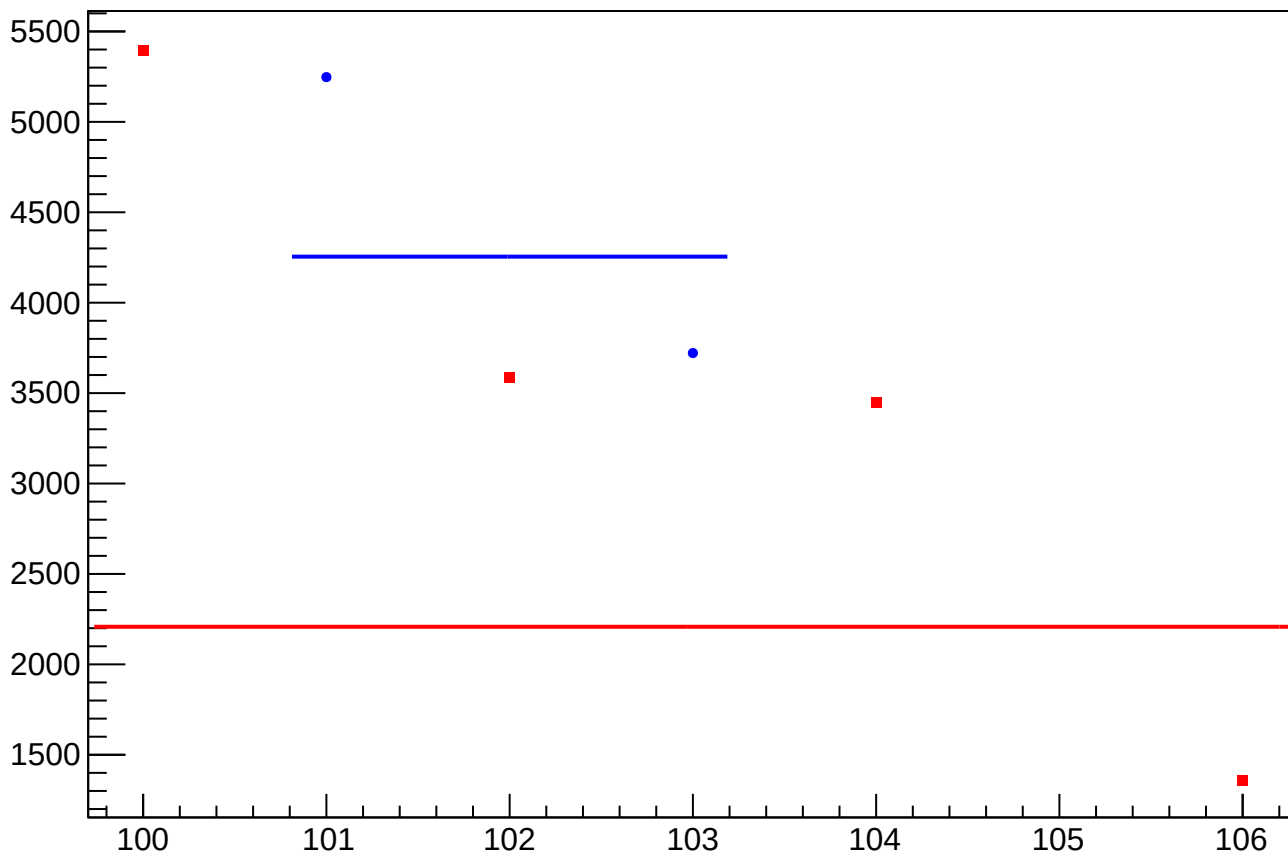
Right: 1334.087+/-1776.945 χ^2/NDF : 5.1/5

In: -2286.358+/-3870.533 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.087+/-1776.945 χ^2/NDF : 5.1/5

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4254.733+/-2.737 χ^2/NDF : 70656.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2207.975+/-1.414 χ^2/NDF : 597579.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

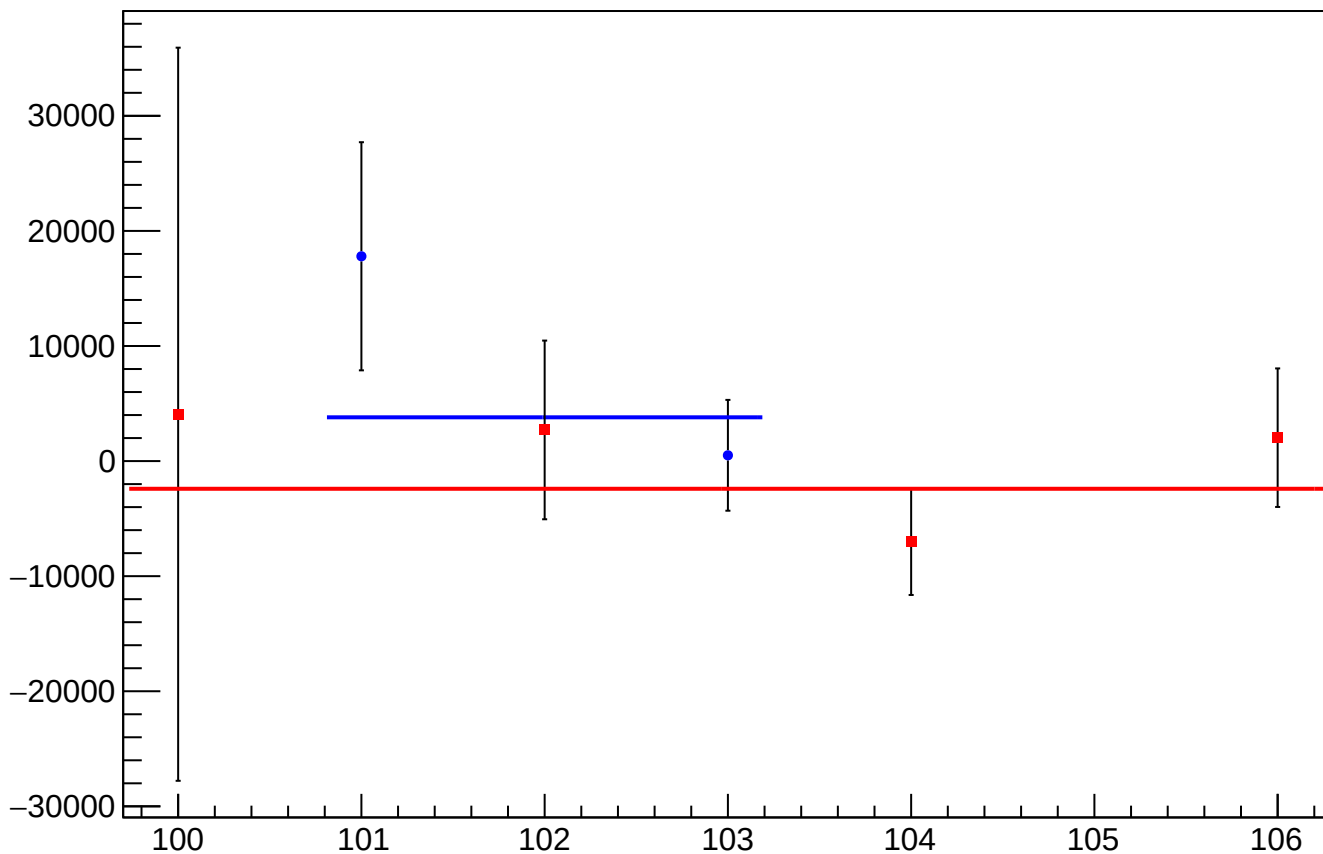
Right: 2639.368+/-1.256 χ^2/NDF : 1109628.5/5

In: 4254.733+/-2.737 χ^2/NDF : 70656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2639.368+/-1.256 χ^2/NDF : 1109628.5/5

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 3803.360+/-4330.593 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2406.300+/-3302.105 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

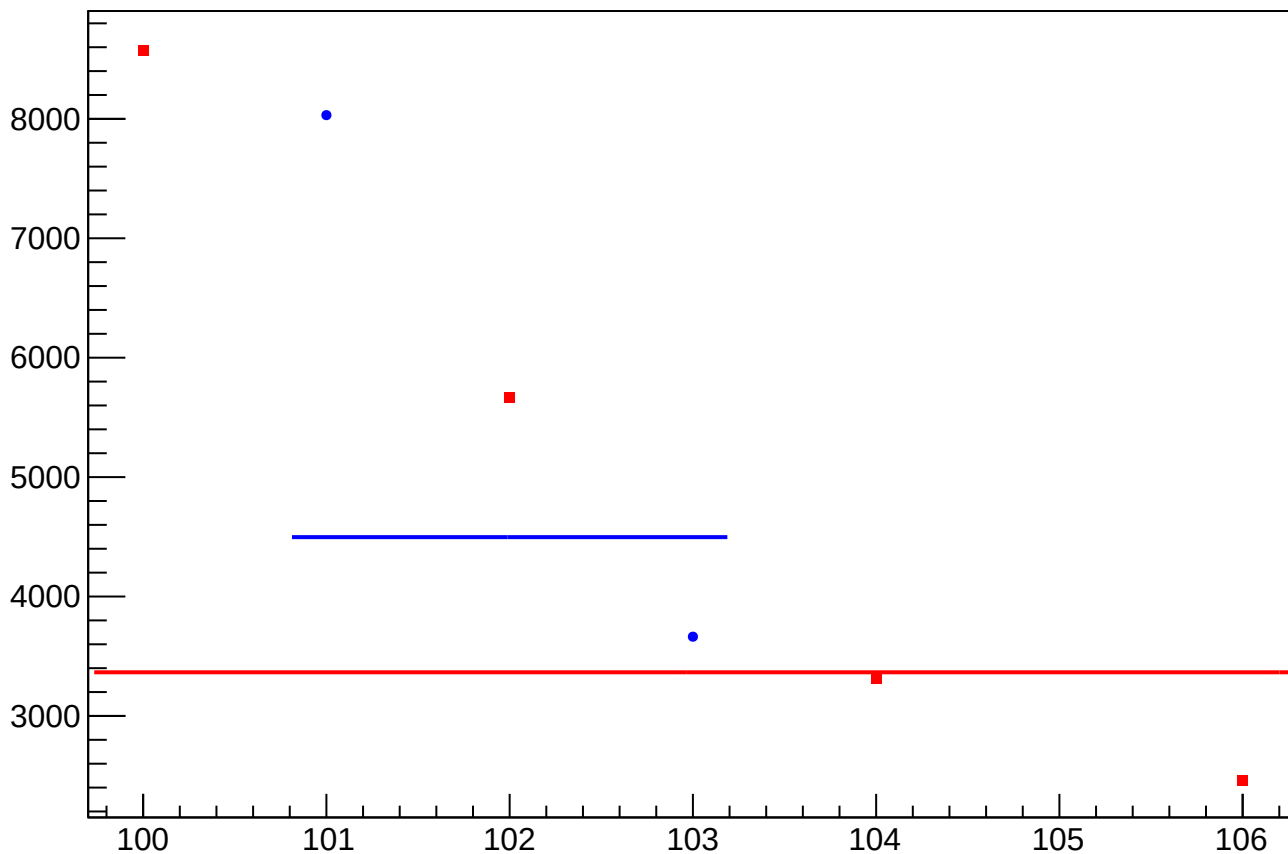
Right: -123.286+/-2625.837 χ^2/NDF : 5.8/5

In: 3803.360+/-4330.593 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.286+/-2625.837 χ^2/NDF : 5.8/5

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 4497.319+/-3.062 χ^2/NDF : 314195.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3365.537+/-2.140 χ^2/NDF : 302917.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

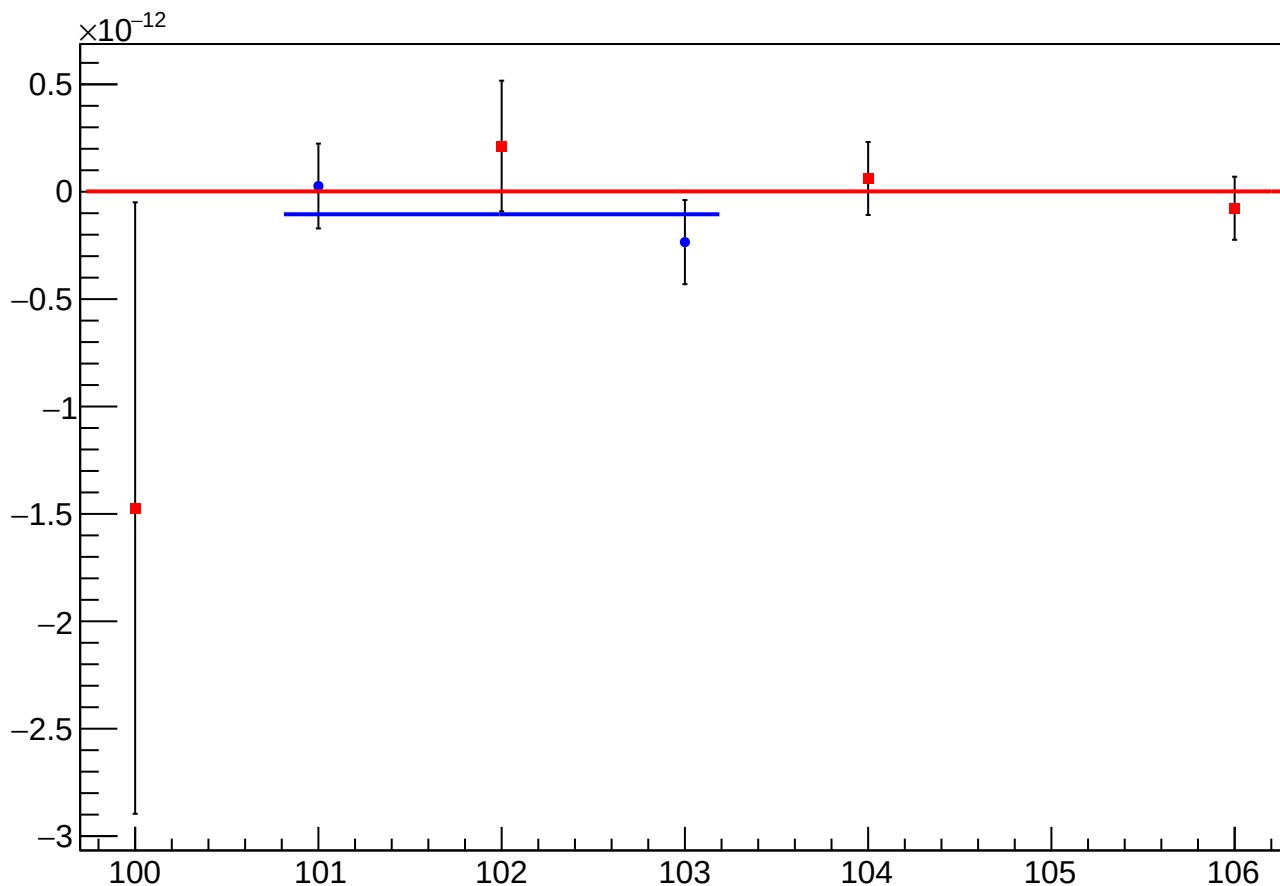
Right: 3736.871+/-1.754 χ^2/NDF : 708900.6/5

In: 4497.319+/-3.062 χ^2/NDF : 314195.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3736.871+/-1.754 χ^2/NDF : 708900.6/5

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

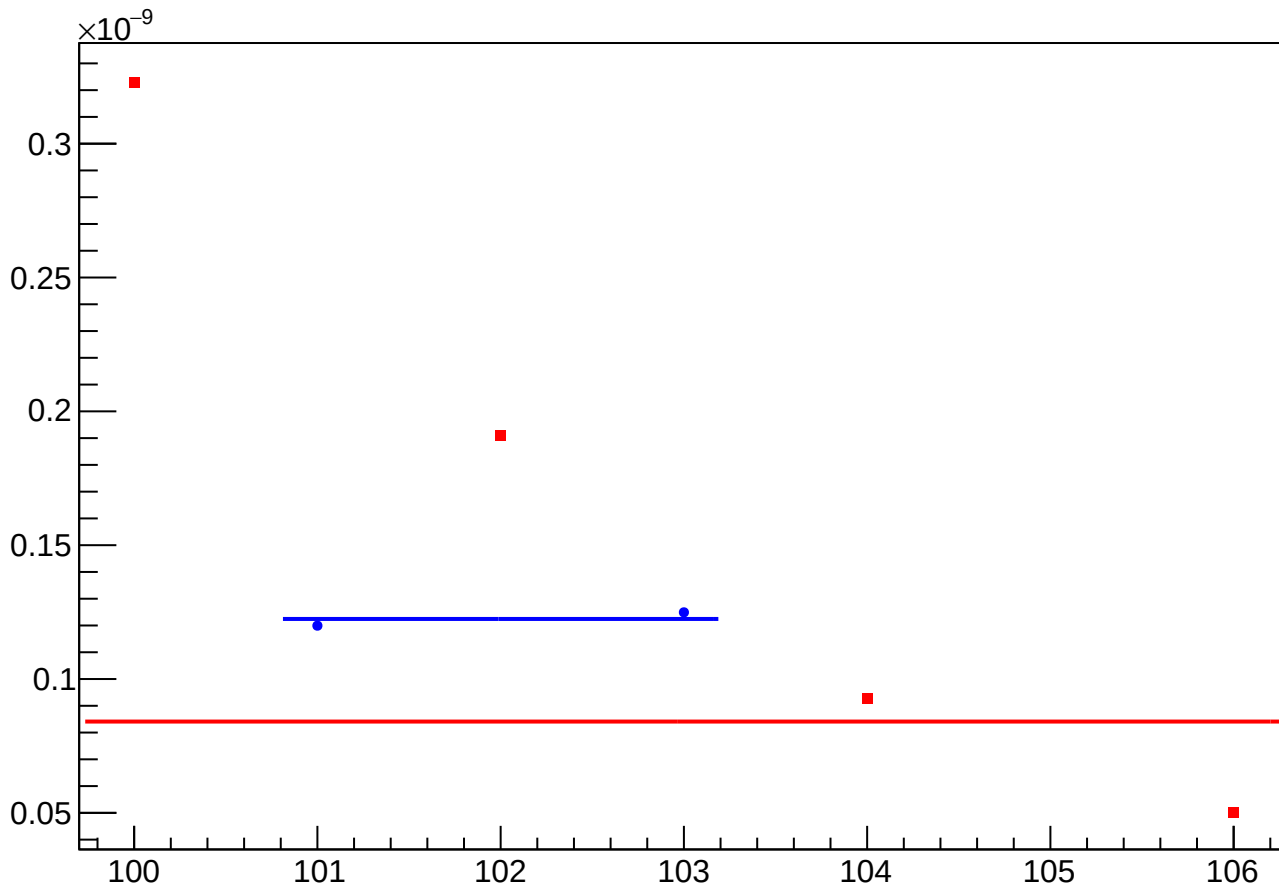
Right: -0.000+/-0.000 χ^2/NDF : 3.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/5

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 641.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 415619.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

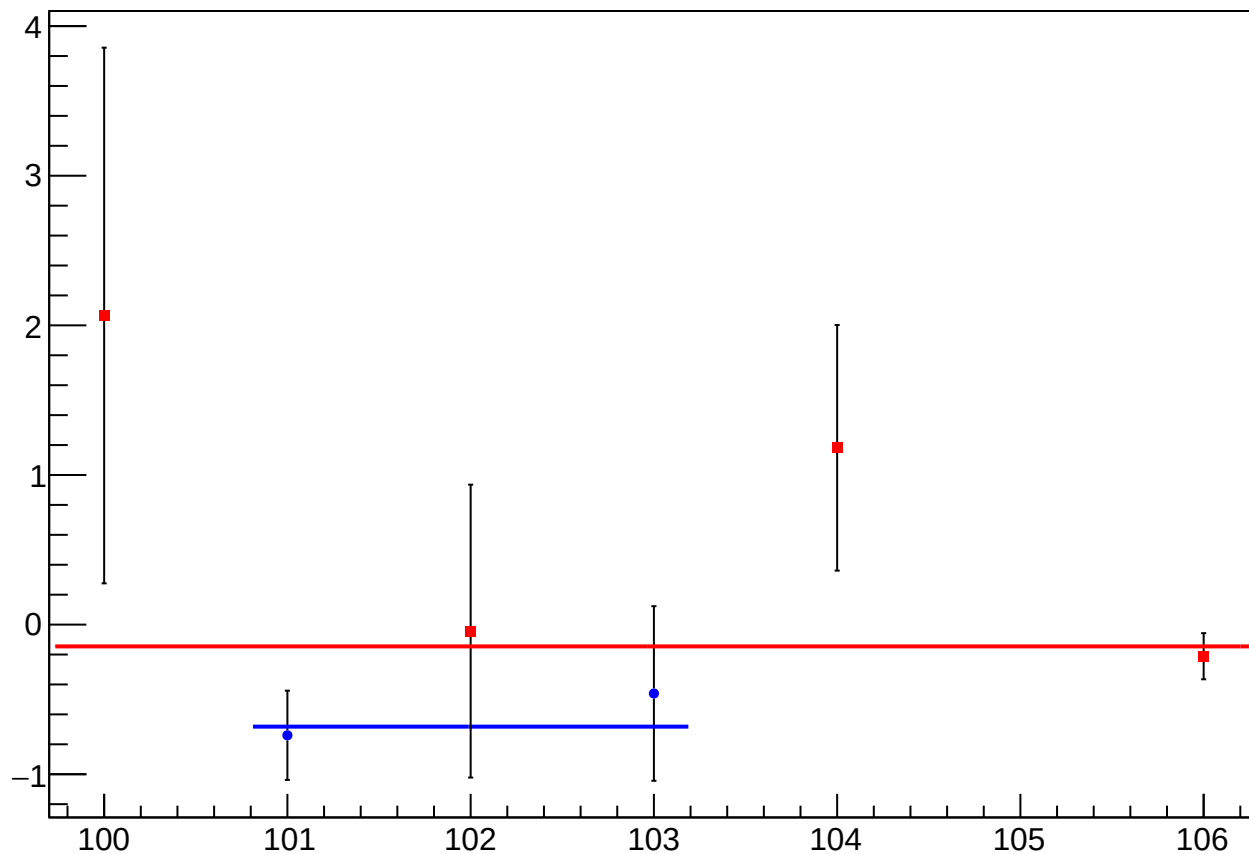
Right: 0.000+/-0.000 χ^2/NDF : 513703.0/5

In: 0.000+/-0.000 χ^2/NDF : 641.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 513703.0/5

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.146 $\pm$ 0.149 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

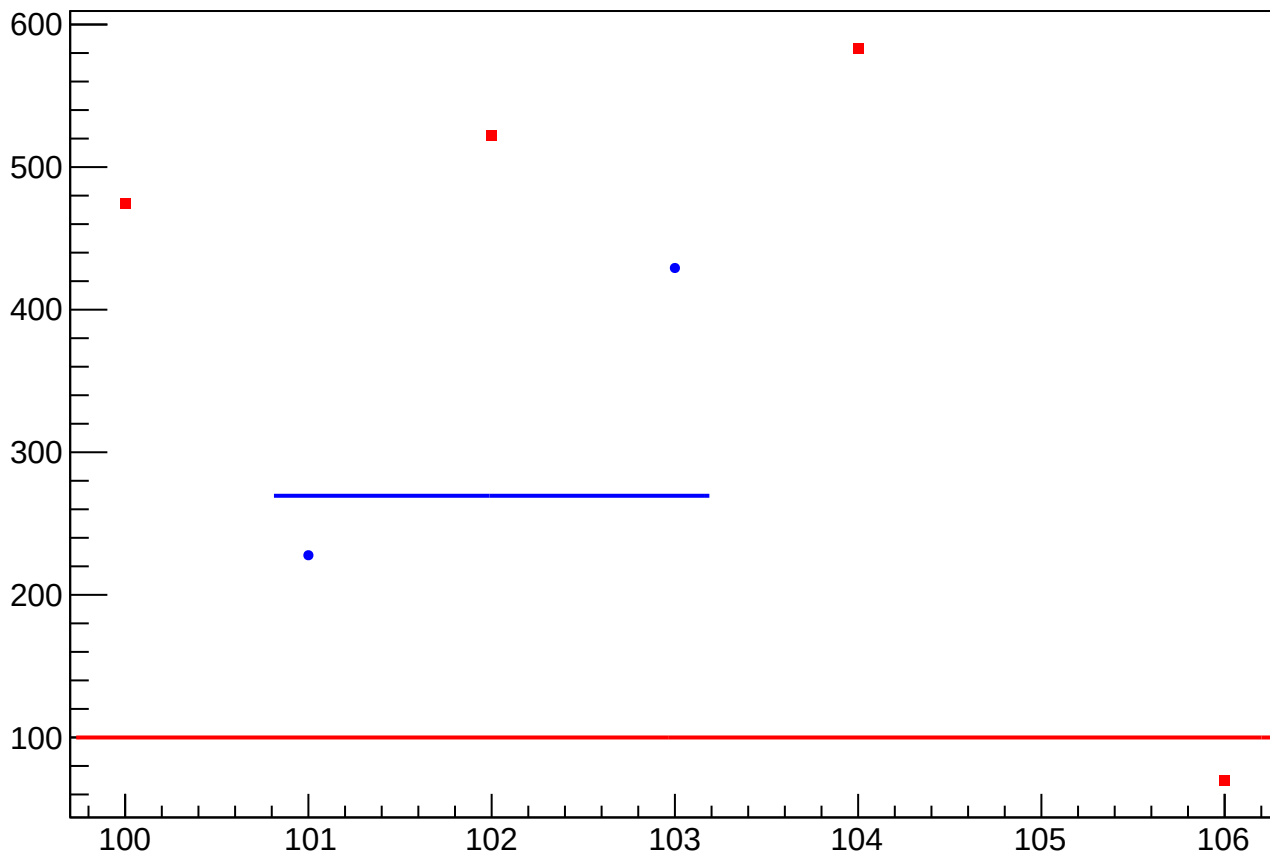
Right: -0.274 $\pm$ 0.130 χ^2 /NDF: 7.6/5

In: -0.682 $\pm$ 0.265 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.274 $\pm$ 0.130 χ^2 /NDF: 7.6/5

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490 $\pm$ 0.188 χ^2 /NDF: 189038.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.966 $\pm$ 0.105 χ^2 /NDF: 1229998.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

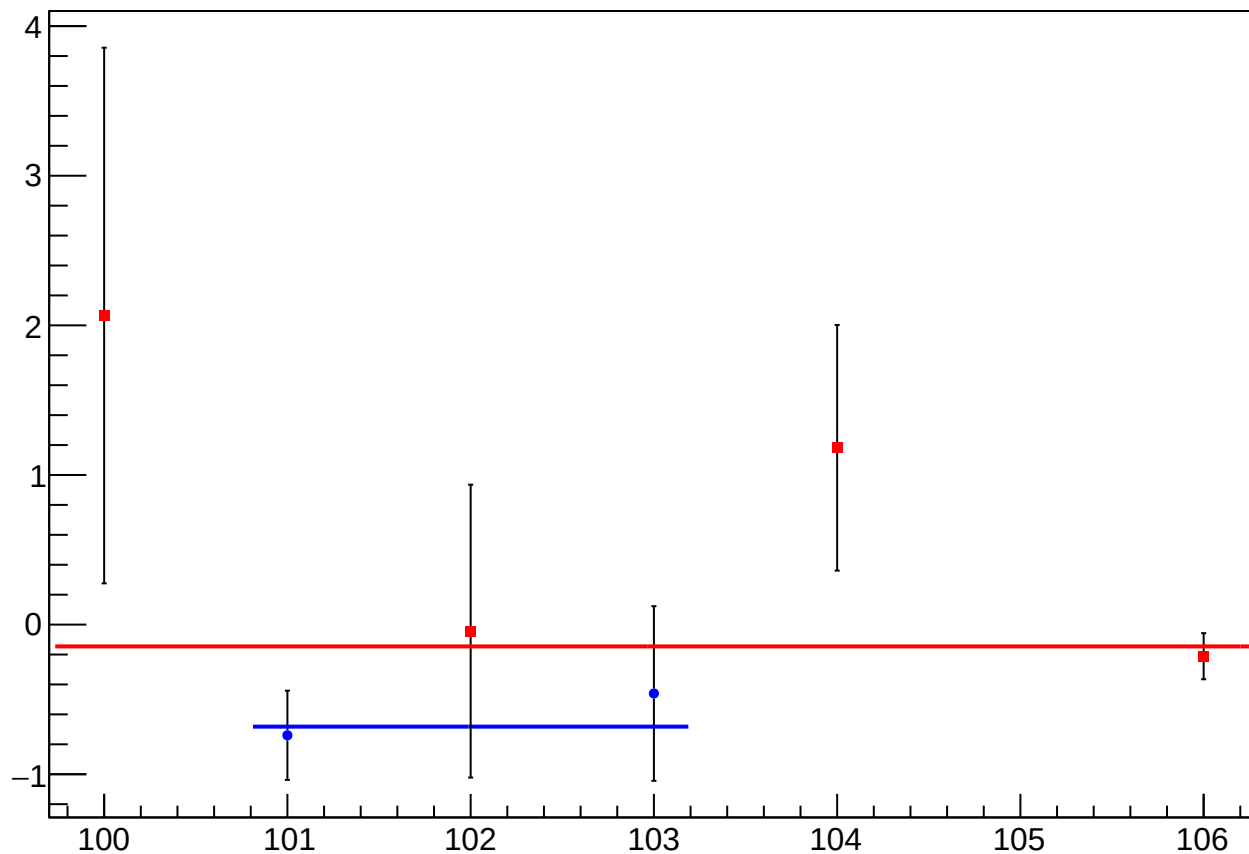
Right: 140.628 $\pm$ 0.092 χ^2 /NDF: 2038855.7/5

In: 269.490 $\pm$ 0.188 χ^2 /NDF:189038.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.628 $\pm$ 0.092 χ^2 /NDF: 2038855.7/5

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.146 ± 0.149 $\chi^2/\text{NDF}: 4.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

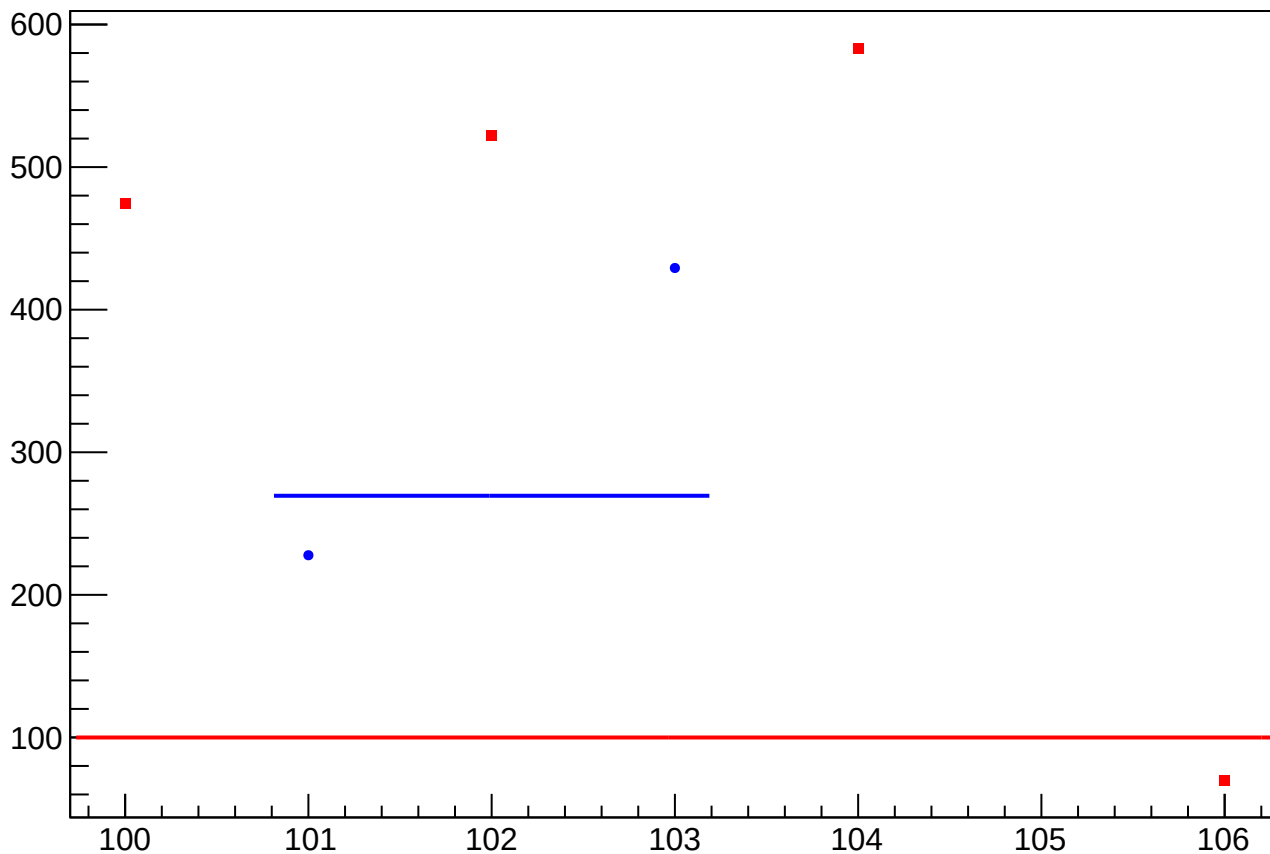
Right: -0.274 ± 0.130 $\chi^2/\text{NDF}: 7.6/5$

In: -0.682 ± 0.265 $\chi^2/\text{NDF}: 0.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.274 ± 0.130 $\chi^2/\text{NDF}: 7.6/5$

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490 $\pm$ 0.188 χ^2 /NDF: 189038.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.966 $\pm$ 0.105 χ^2 /NDF: 1229998.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

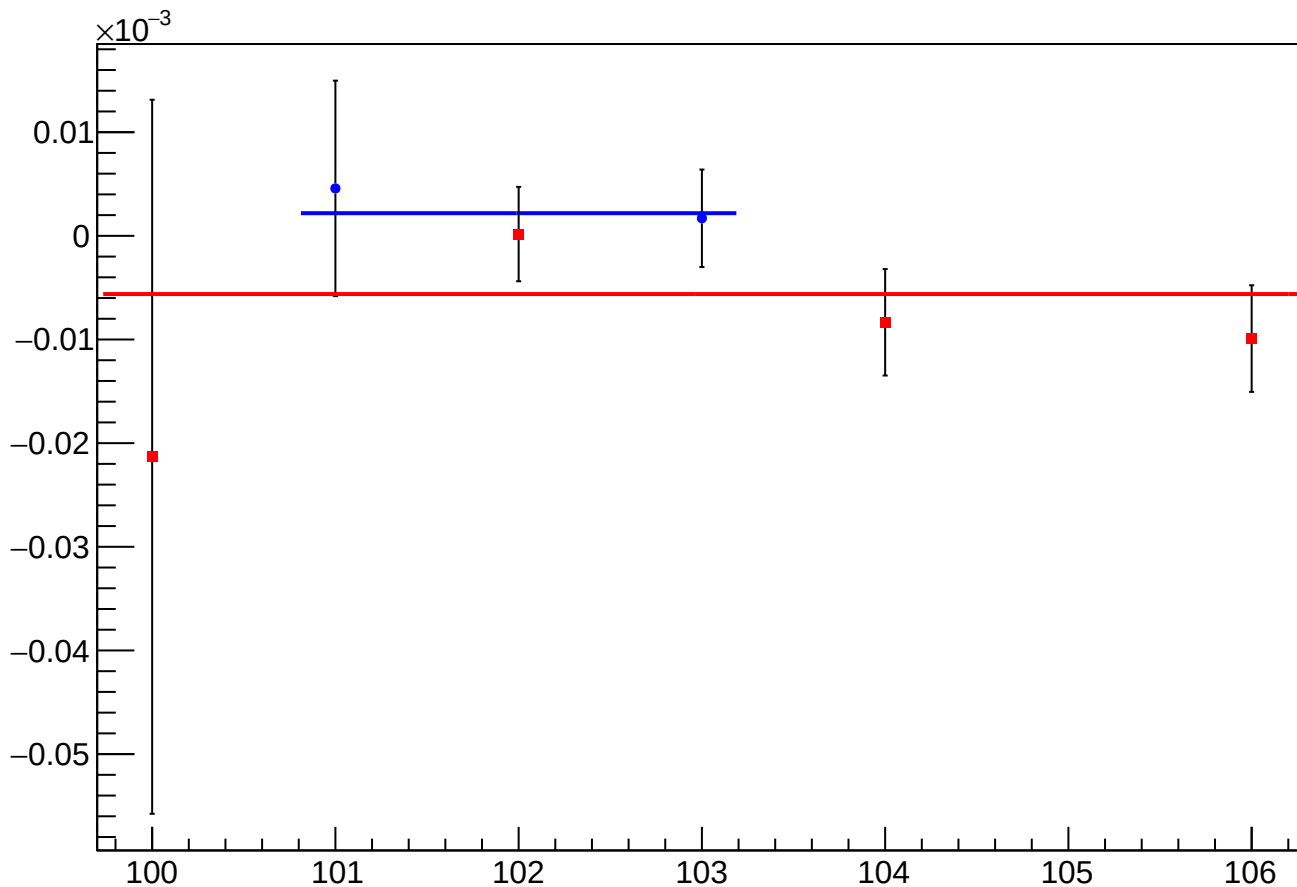
Right: 140.628 $\pm$ 0.092 χ^2 /NDF: 2038855.7/5

In: 269.490 $\pm$ 0.188 χ^2 /NDF:189038.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.628 $\pm$ 0.092 χ^2 /NDF: 2038855.7/5

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

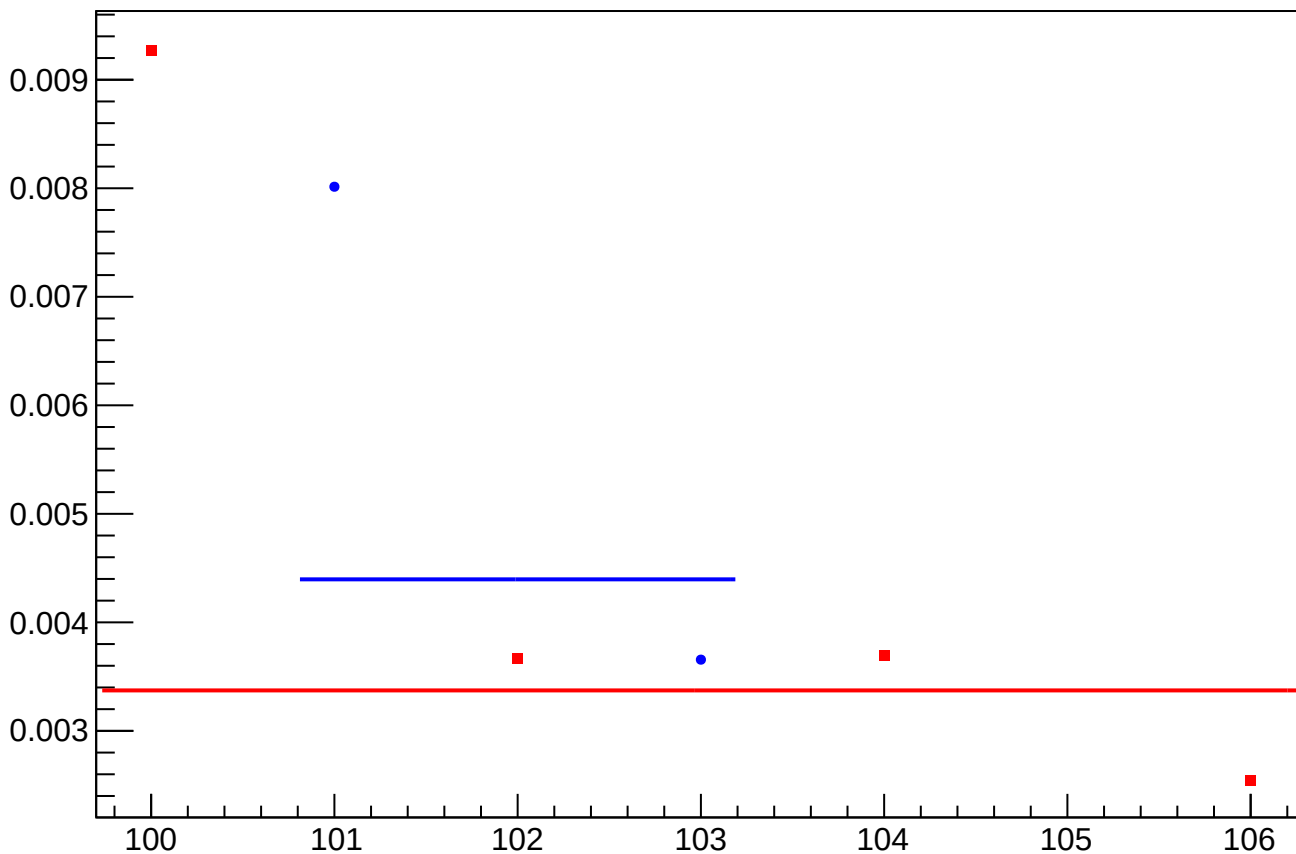
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/5

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 291903.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 126842.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

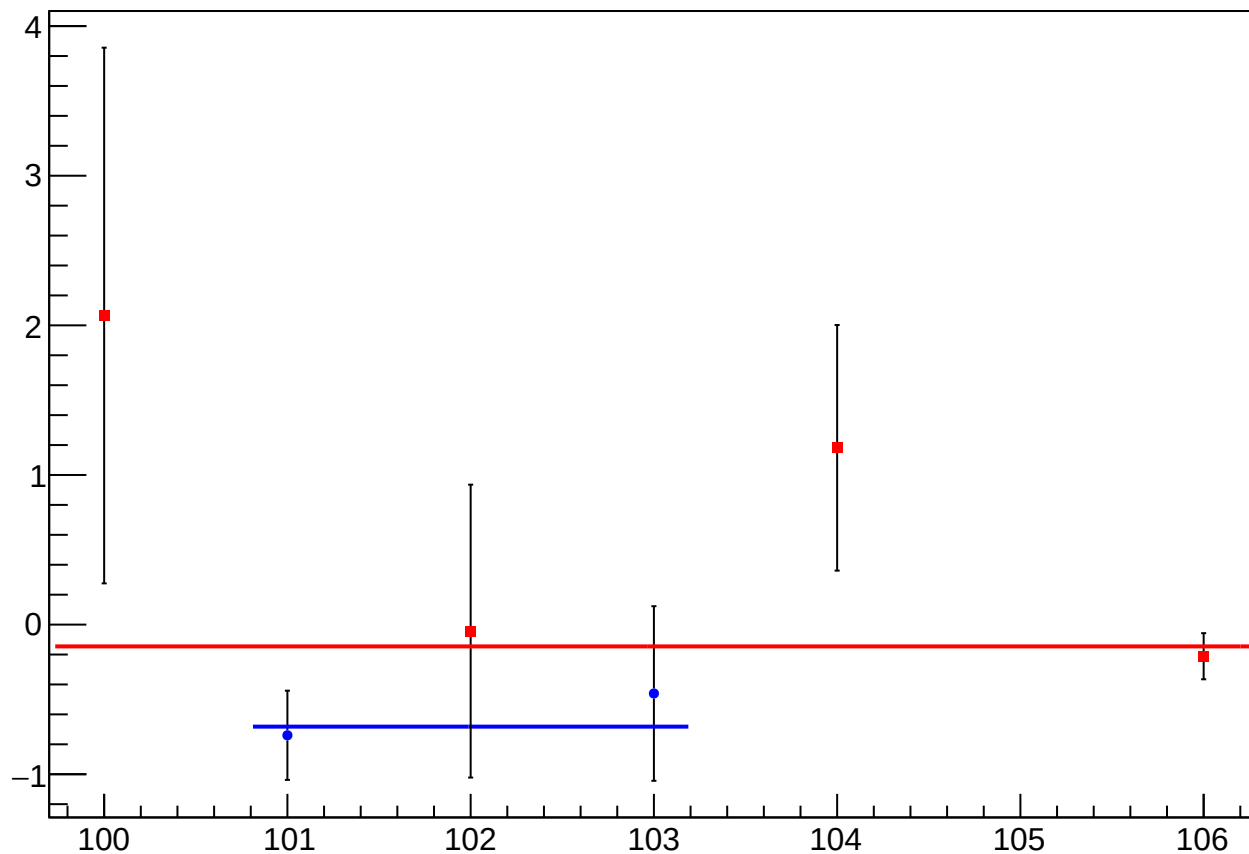
Right: 0.004+/-0.000 χ^2/NDF : 498228.8/5

In: 0.004+/-0.000 χ^2/NDF : 291903.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 498228.8/5

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.146 $\pm$ 0.149 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

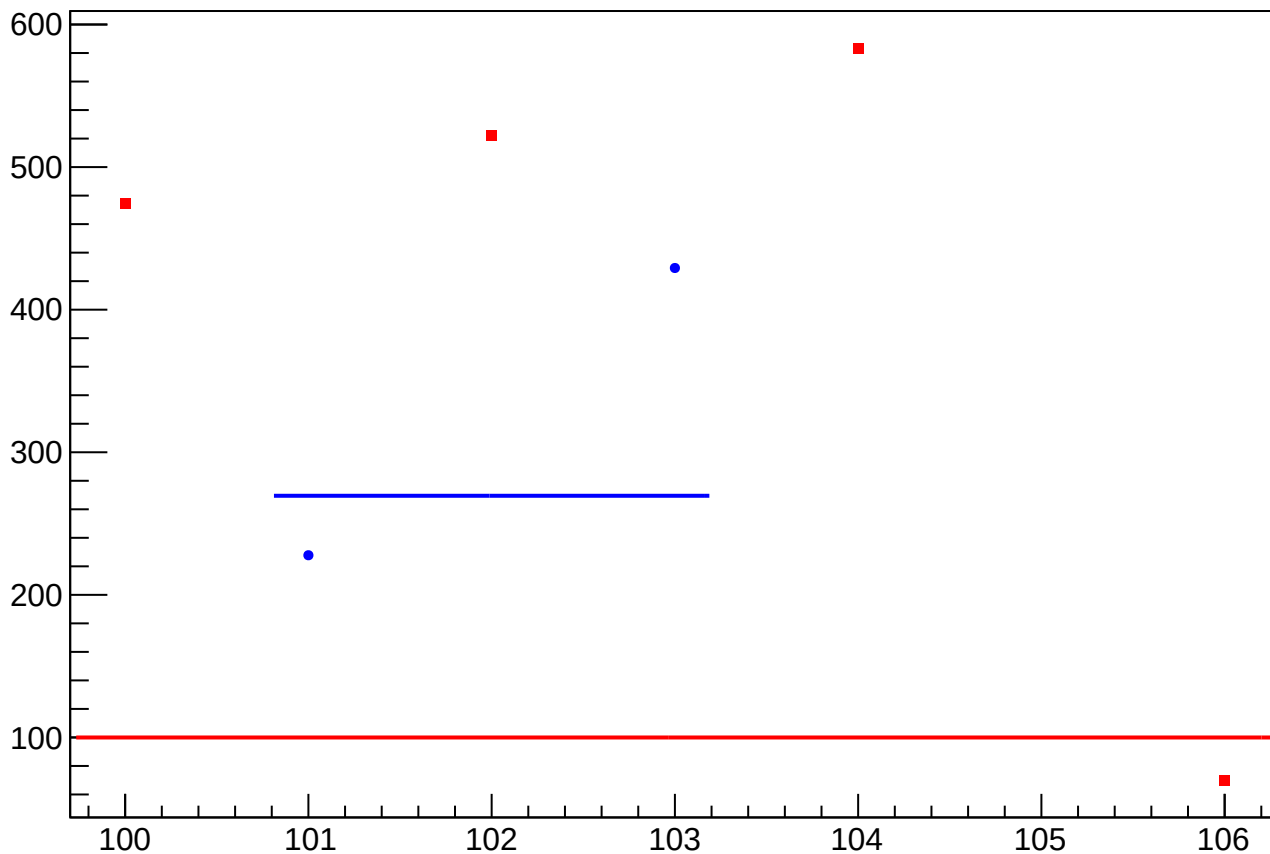
Right: -0.274 $\pm$ 0.130 χ^2 /NDF: 7.6/5

In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.274 $\pm$ 0.130 χ^2 /NDF: 7.6/5

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.967+/-0.105 χ^2/NDF : 1229988.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

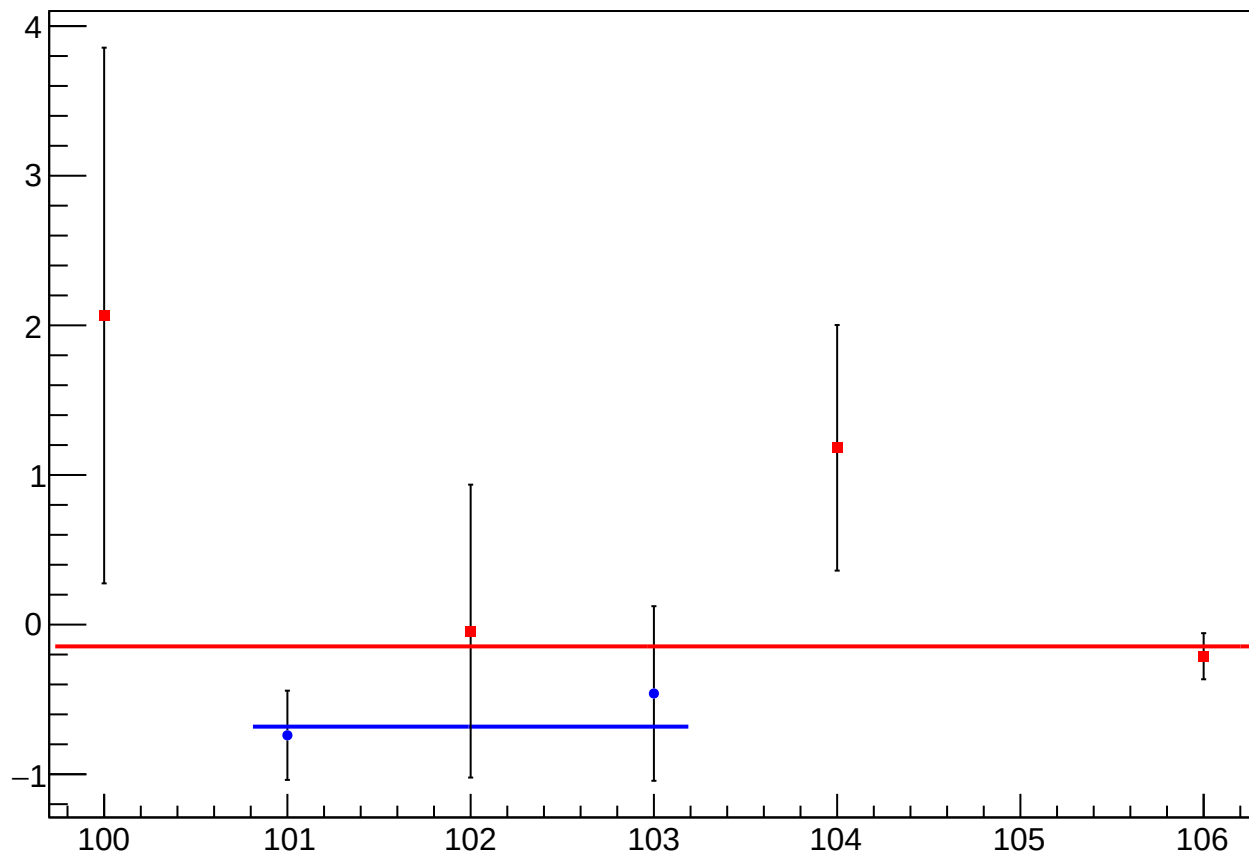
Right: 140.630+/-0.092 χ^2/NDF : 2038823.4/5

In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.630+/-0.092 χ^2/NDF : 2038823.4/5

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 ± 0.265 χ^2/NDF : 0.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.146 ± 0.149 χ^2/NDF : 4.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

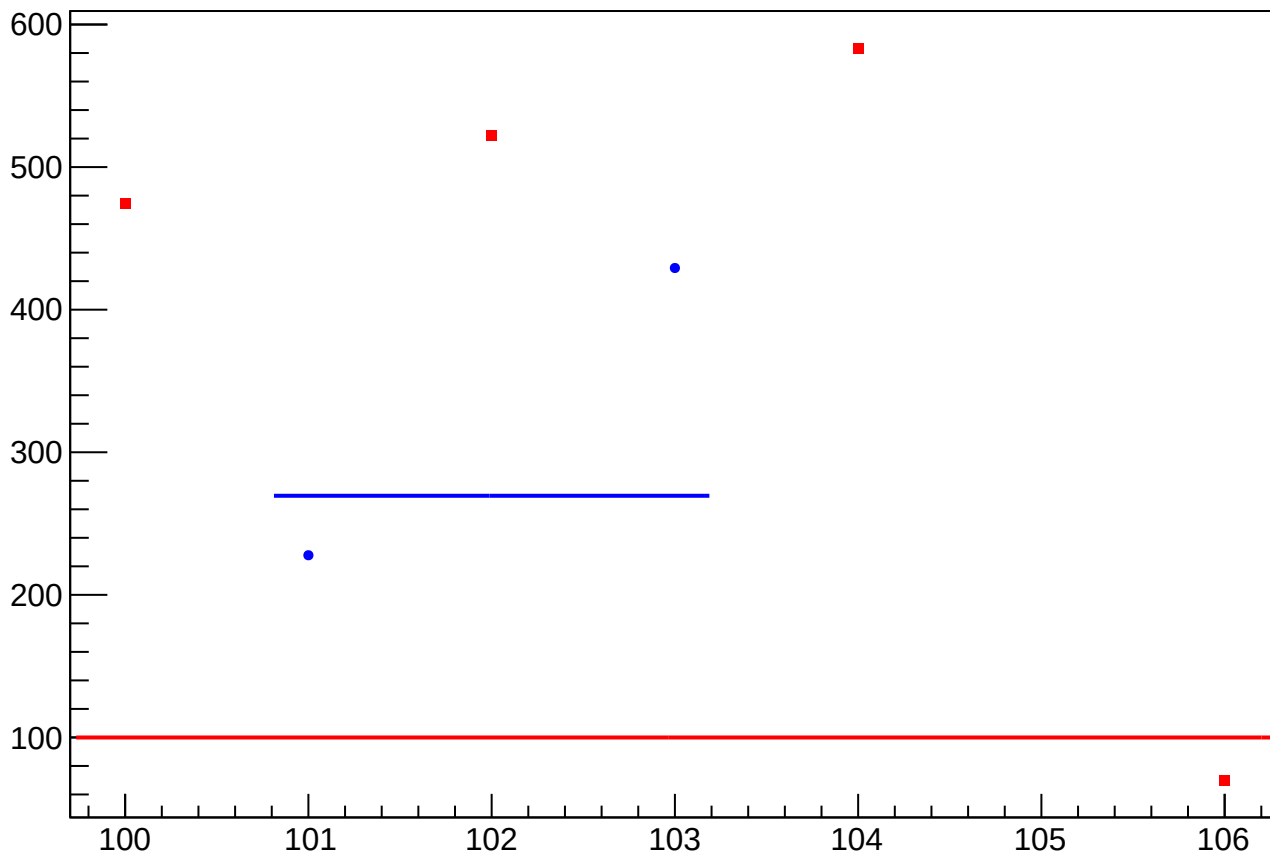
Right: -0.274 ± 0.130 χ^2/NDF : 7.6/5

In: -0.682 ± 0.265 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.274 ± 0.130 χ^2/NDF : 7.6/5

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.488 $\pm$ 0.188 χ^2 /NDF: 189039.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.967 $\pm$ 0.105 χ^2 /NDF: 1229988.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

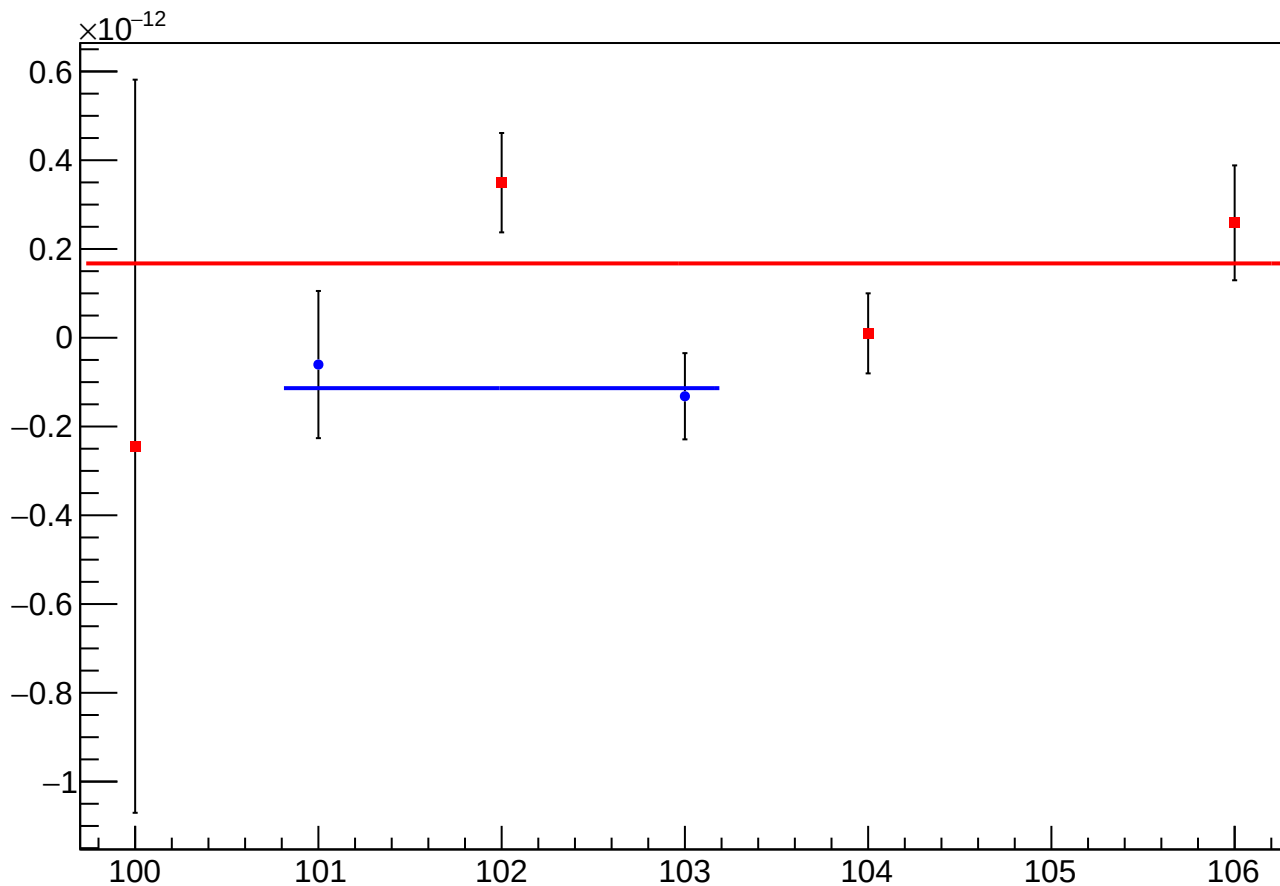
Right: 140.630 $\pm$ 0.092 χ^2 /NDF: 2038823.4/5

In: 269.488 $\pm$ 0.188 χ^2 /NDF:189039.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140.630 $\pm$ 0.092 χ^2 /NDF: 2038823.4/5

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

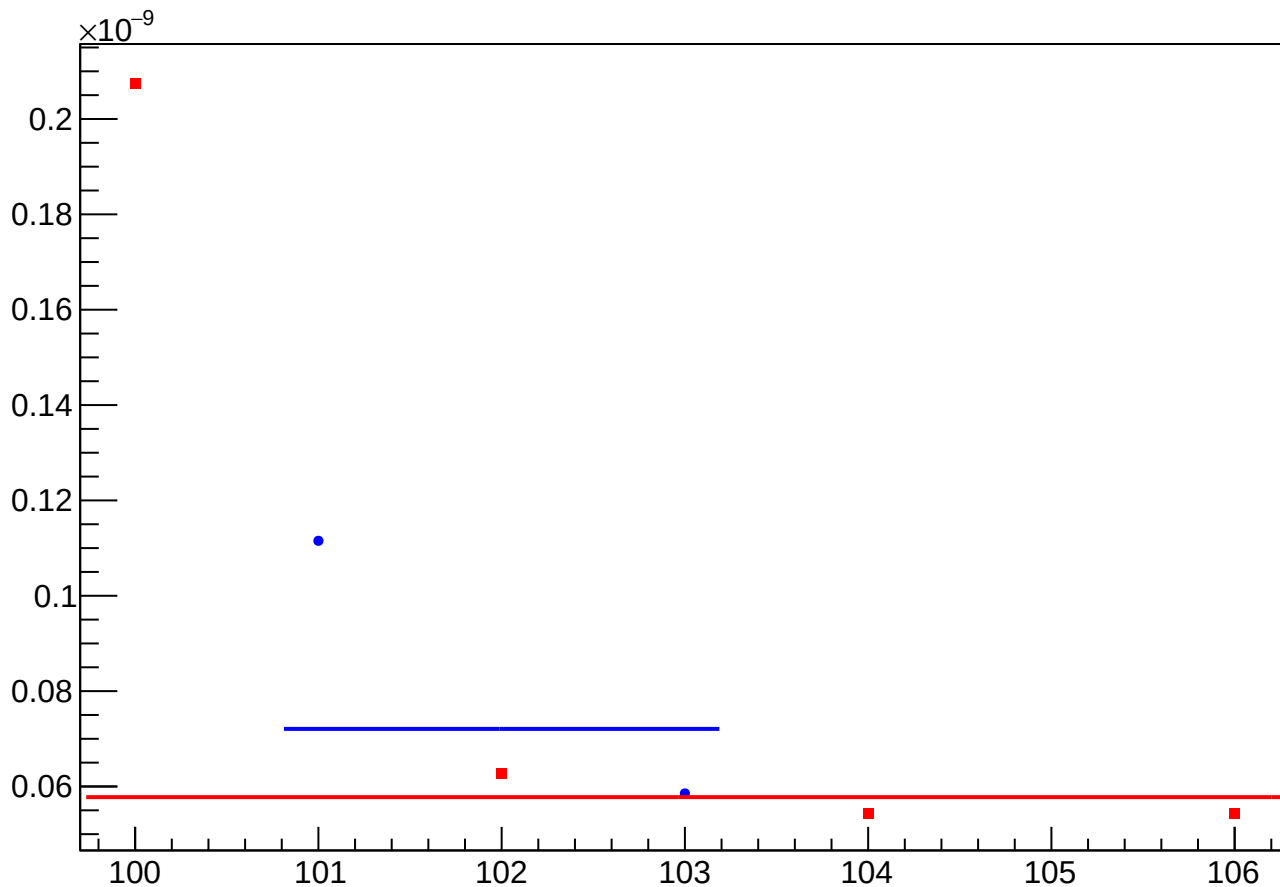
Right: 0.000+/-0.000 χ^2/NDF : 13.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/5

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 152059.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73868.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

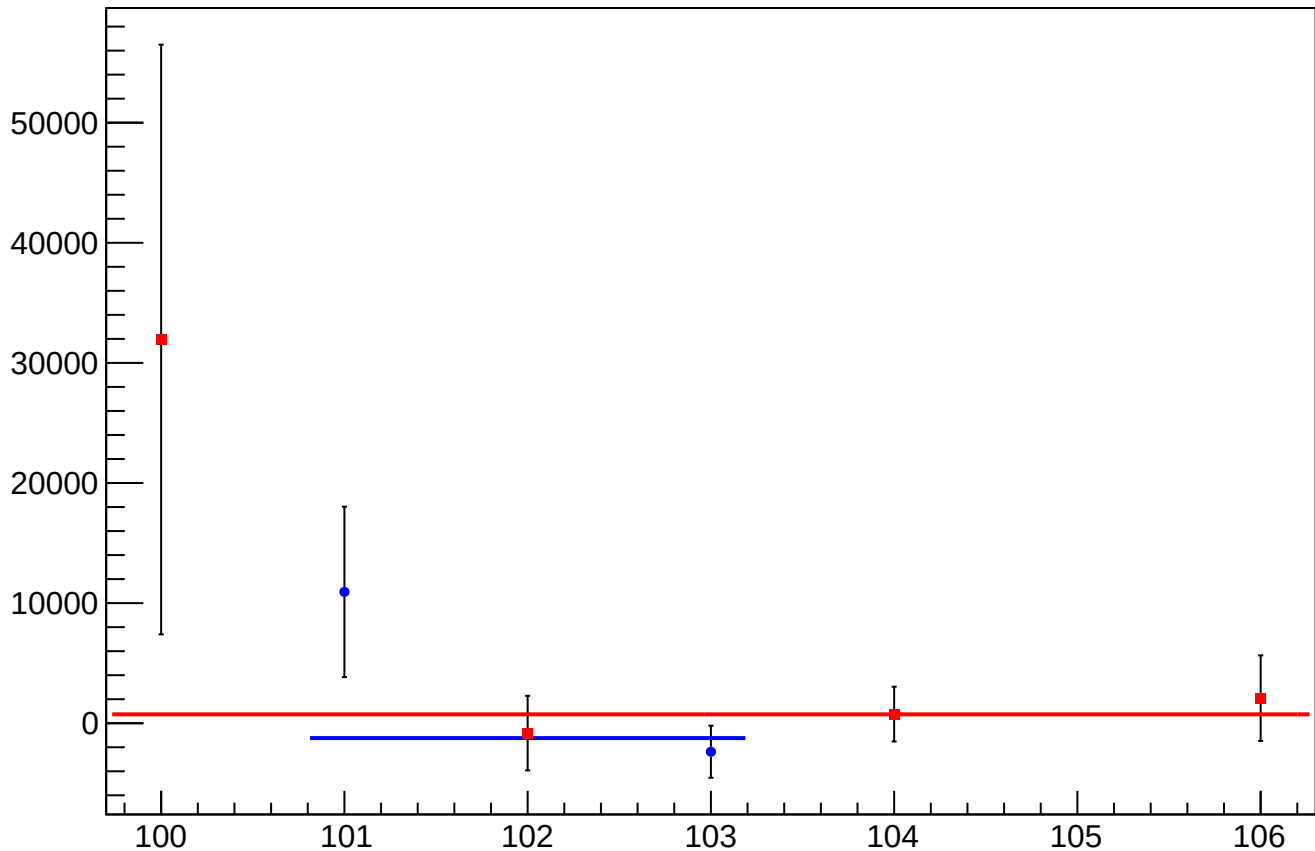
Right: 0.000+/-0.000 χ^2/NDF : 263825.3/5

In: 0.000+/-0.000 χ^2/NDF : 152059.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 263825.3/5

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1236.005+/-2073.739 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.537+/-1629.444 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

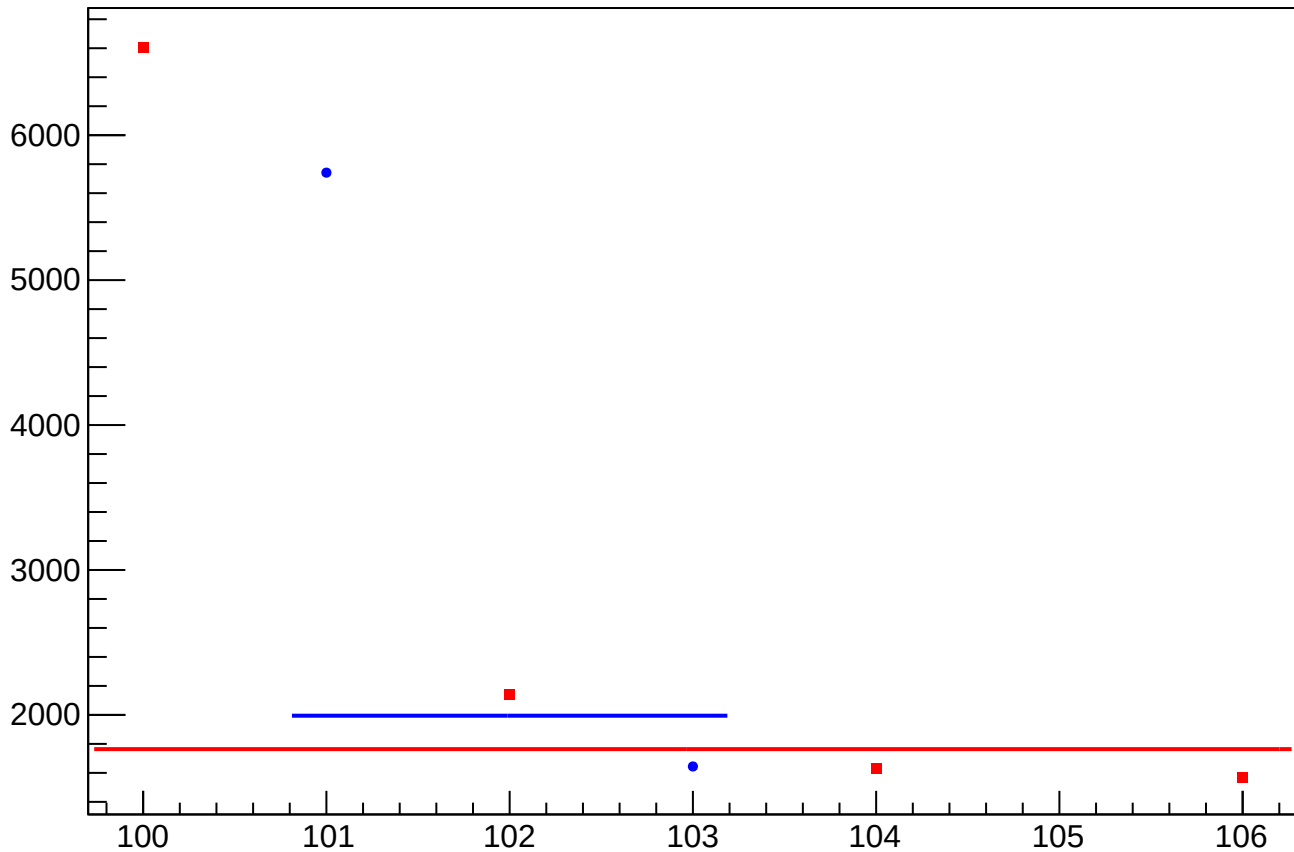
Right: -13.960+/-1281.238 χ^2/NDF : 5.8/5

In: -1236.005+/-2073.739 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.960+/-1281.238 χ^2/NDF : 5.8/5

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.568+/-1.466 χ^2/NDF : 610336.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1763.925+/-1.103 χ^2/NDF : 122992.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

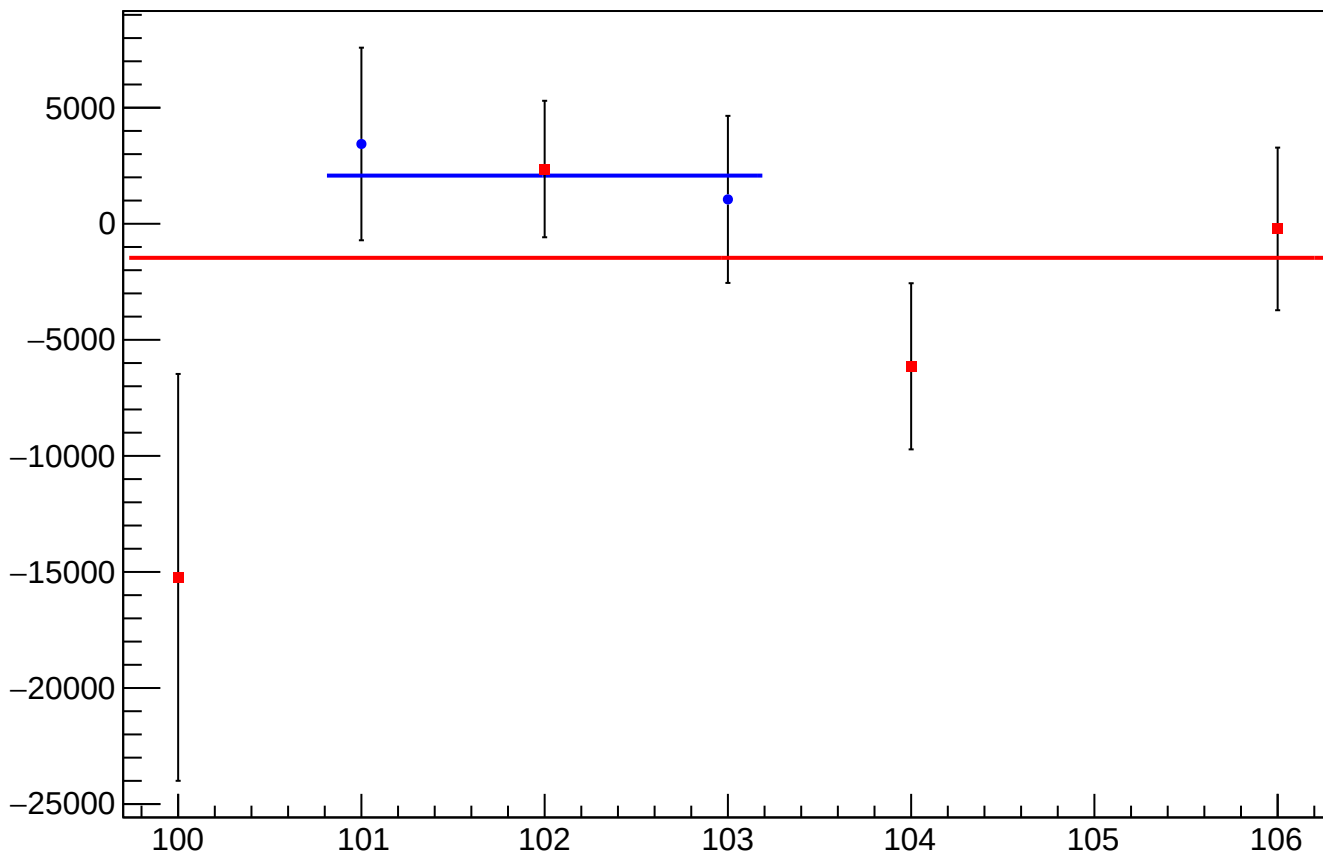
Right: 1847.244+/-0.881 χ^2/NDF : 749132.2/5

In: 1994.568+/-1.466 χ^2/NDF : 610336.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.244+/-0.881 χ^2/NDF : 749132.2/5

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2075.392+/-2718.586 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.308+/-1862.452 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

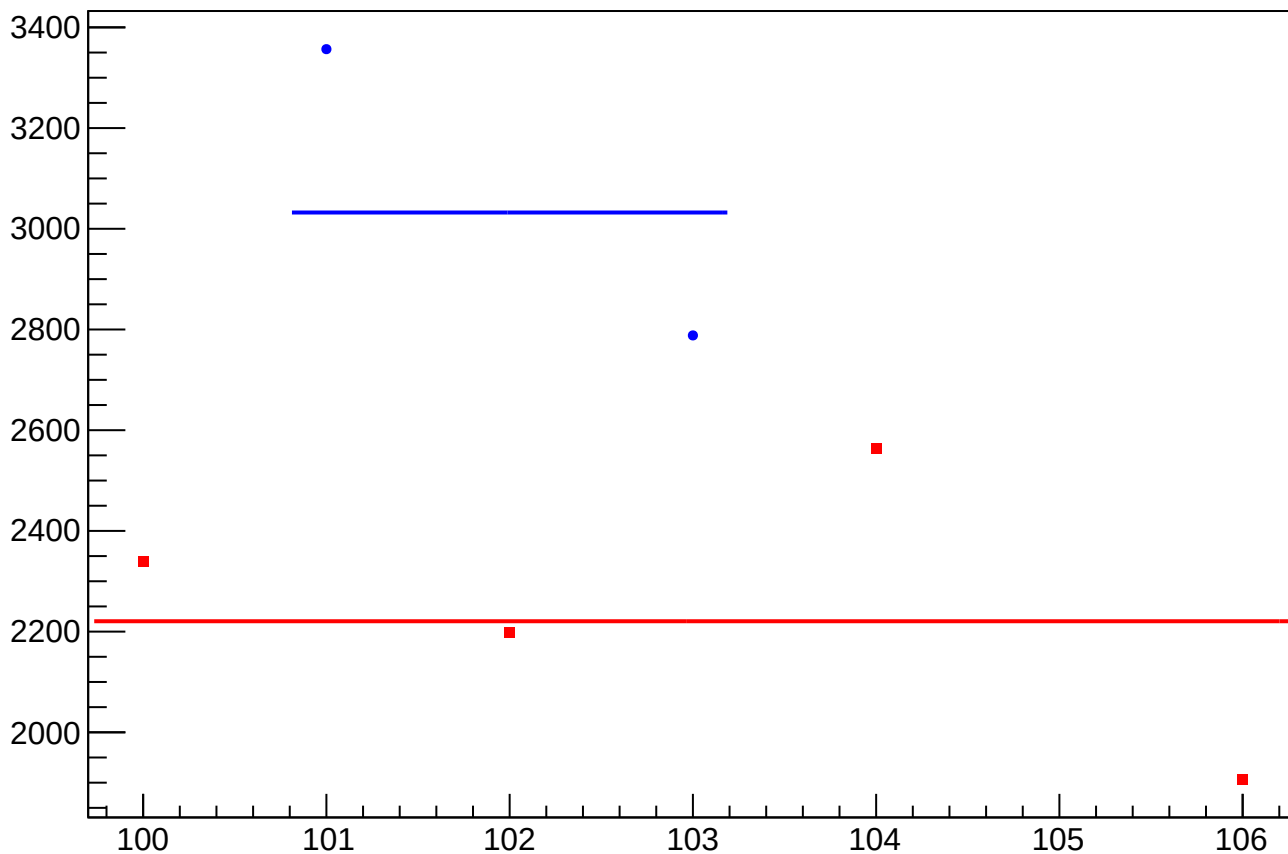
Right: -335.697+/-1536.471 χ^2/NDF : 7.3/5

In: 2075.392+/-2718.586 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.697+/-1536.471 χ^2/NDF : 7.3/5

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3032.330+/-1.922 χ^2/NDF : 21429.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2220.605+/-1.317 χ^2/NDF : 34943.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

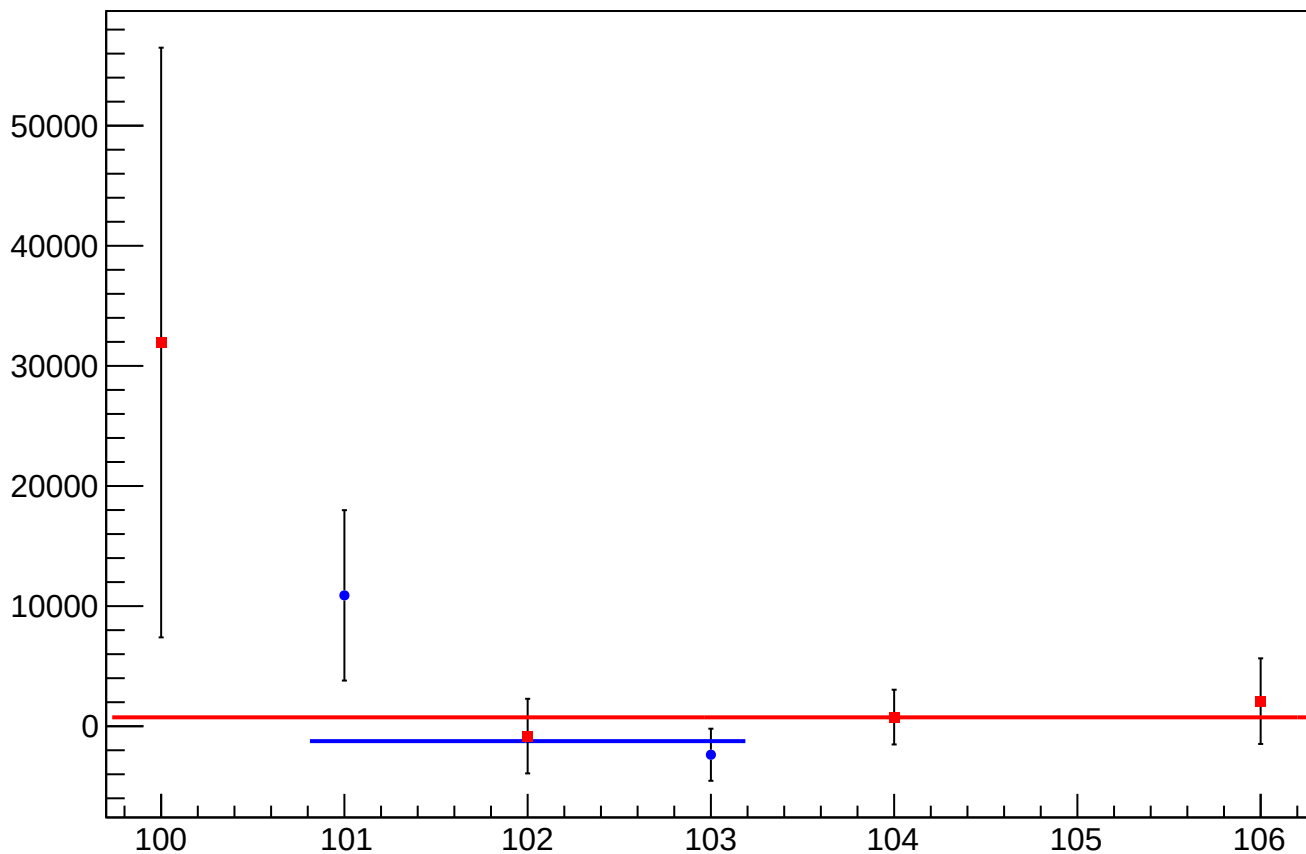
Right: 2479.887+/-1.086 χ^2/NDF : 177723.8/5

In: 3032.330+/-1.922 χ^2/NDF : 21429.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2479.887+/-1.086 χ^2/NDF : 177723.8/5

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1239.646 $\pm$ 2073.741 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 740.996 $\pm$ 1629.444 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

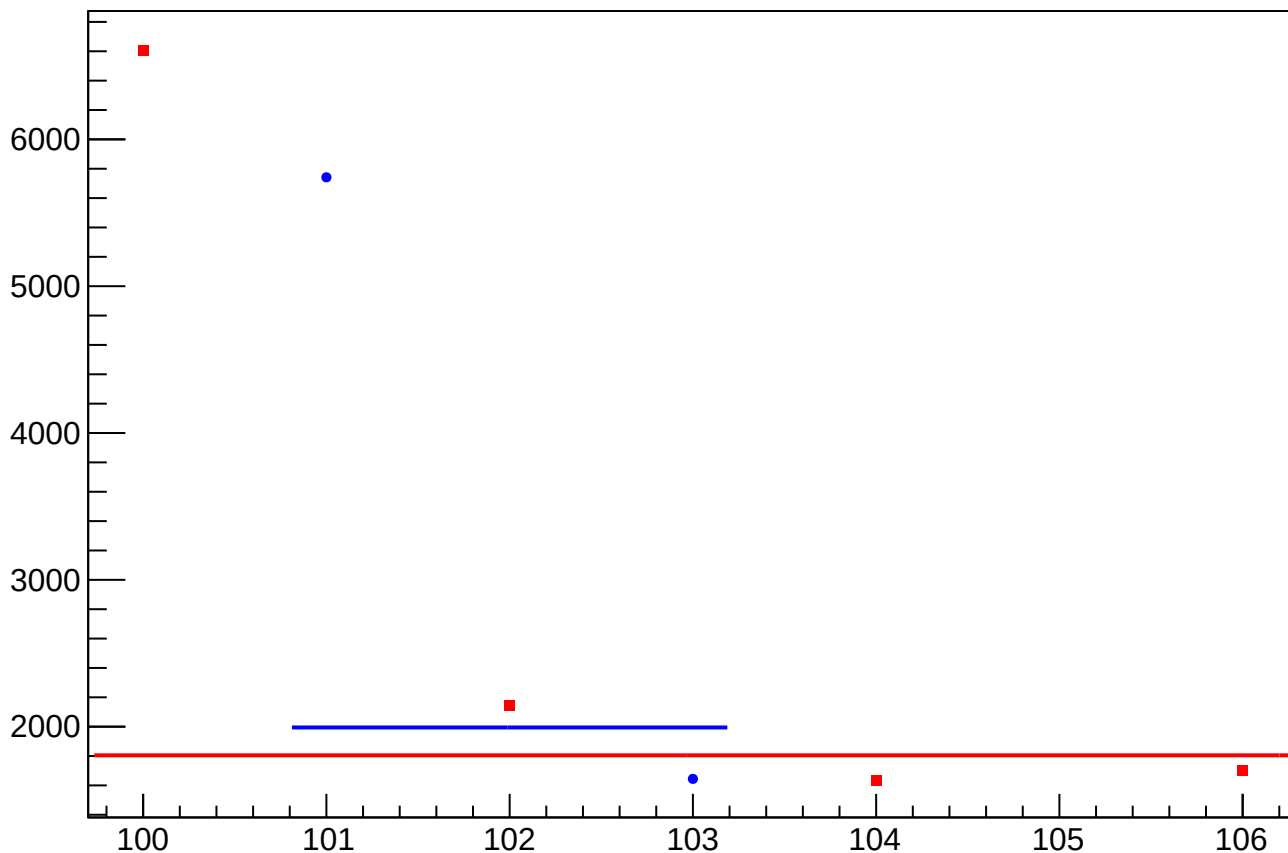
Right: -15.066 $\pm$ 1281.239 χ^2 /NDF: 5.8/5

In: -1239.646 $\pm$ 2073.741 χ^2 /NDF: 3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.066 $\pm$ 1281.239 χ^2 /NDF: 5.8/5

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.882+/-1.126 χ^2/NDF : 113746.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

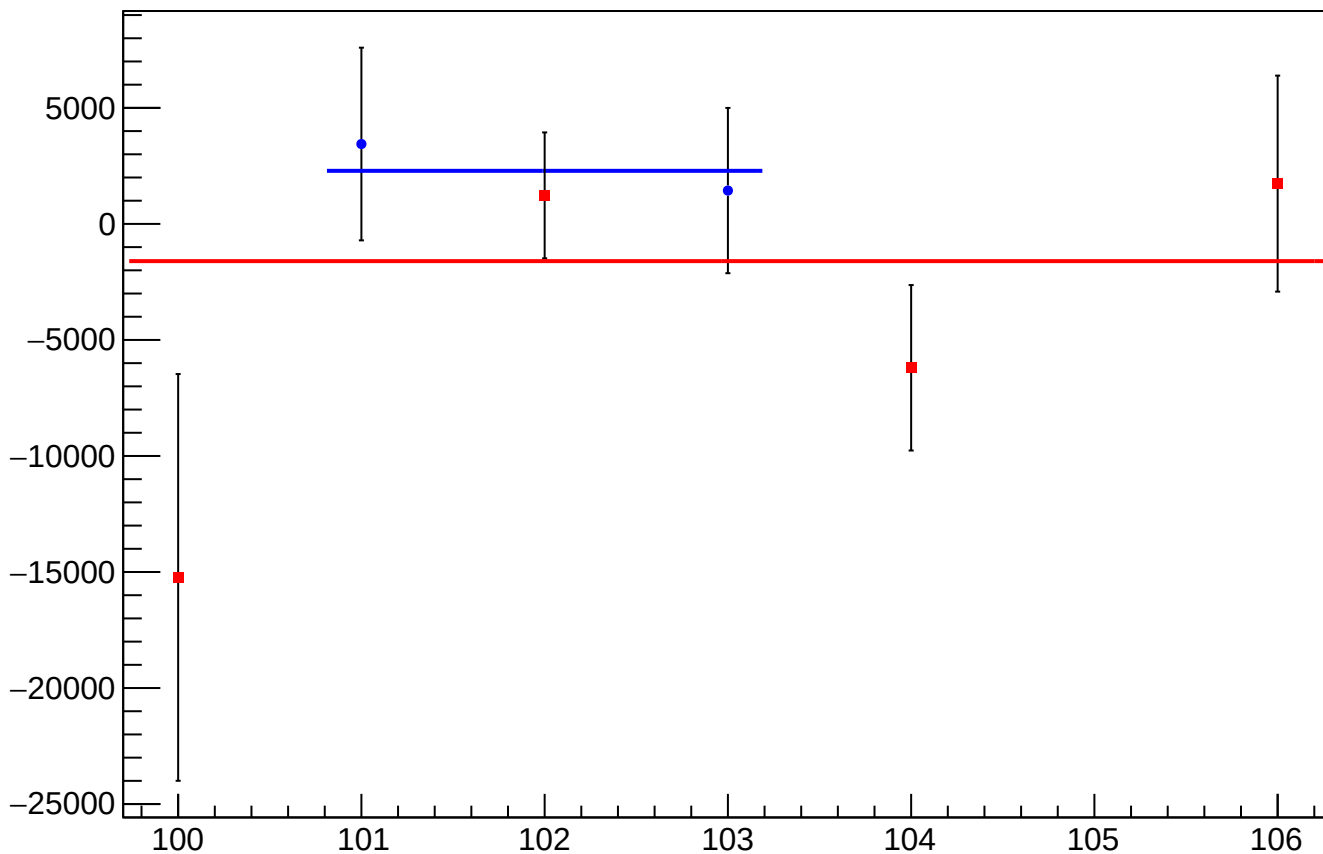
Right: 1875.267+/-0.893 χ^2/NDF : 734607.8/5

In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.267+/-0.893 χ^2/NDF : 734607.8/5

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452+/-2703.119 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1603.408+/-1911.286 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

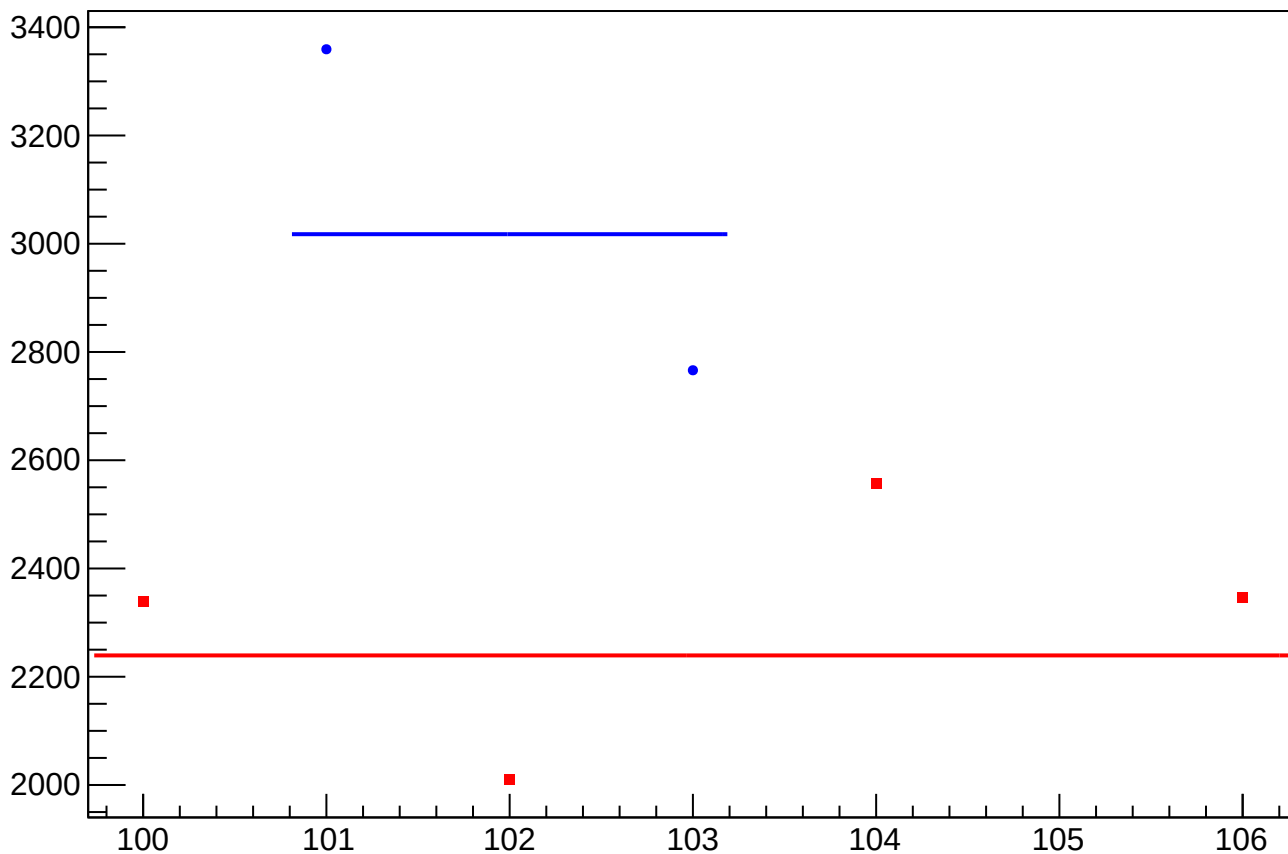
Right: -306.552+/-1560.588 χ^2/NDF : 7.2/5

In: 2287.452+/-2703.119 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.552+/-1560.588 χ^2/NDF : 7.2/5

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3017.642+/-1.911 χ^2 /NDF: 23511.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2239.386+/-1.351 χ^2 /NDF: 31494.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

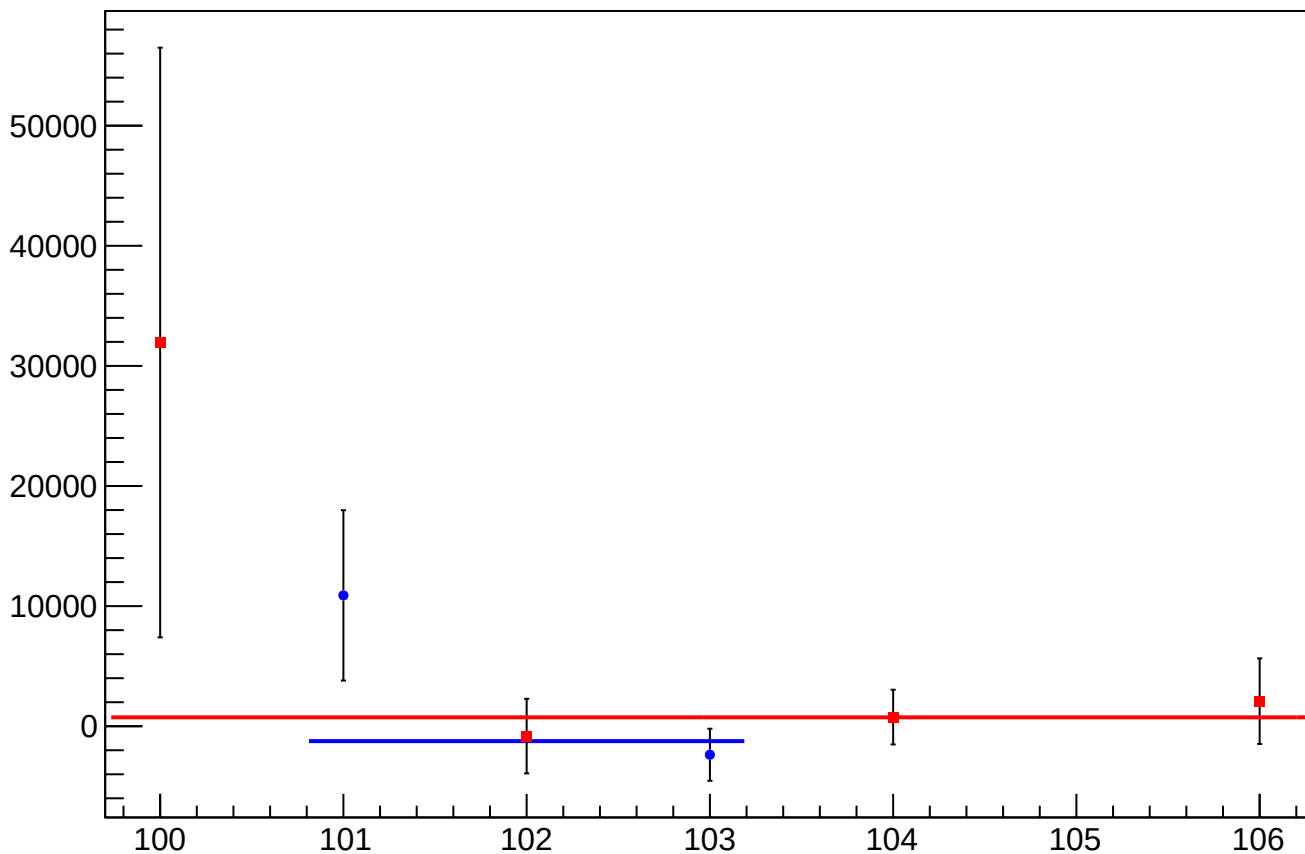
Right: 2498.785+/-1.104 χ^2 /NDF: 165534.1/5

In: 3017.642+/-1.911 χ^2 /NDF:23511.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2498.785+/-1.104 χ^2 /NDF: 165534.1/5

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1239.646+/-2073.741 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.996+/-1629.444 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

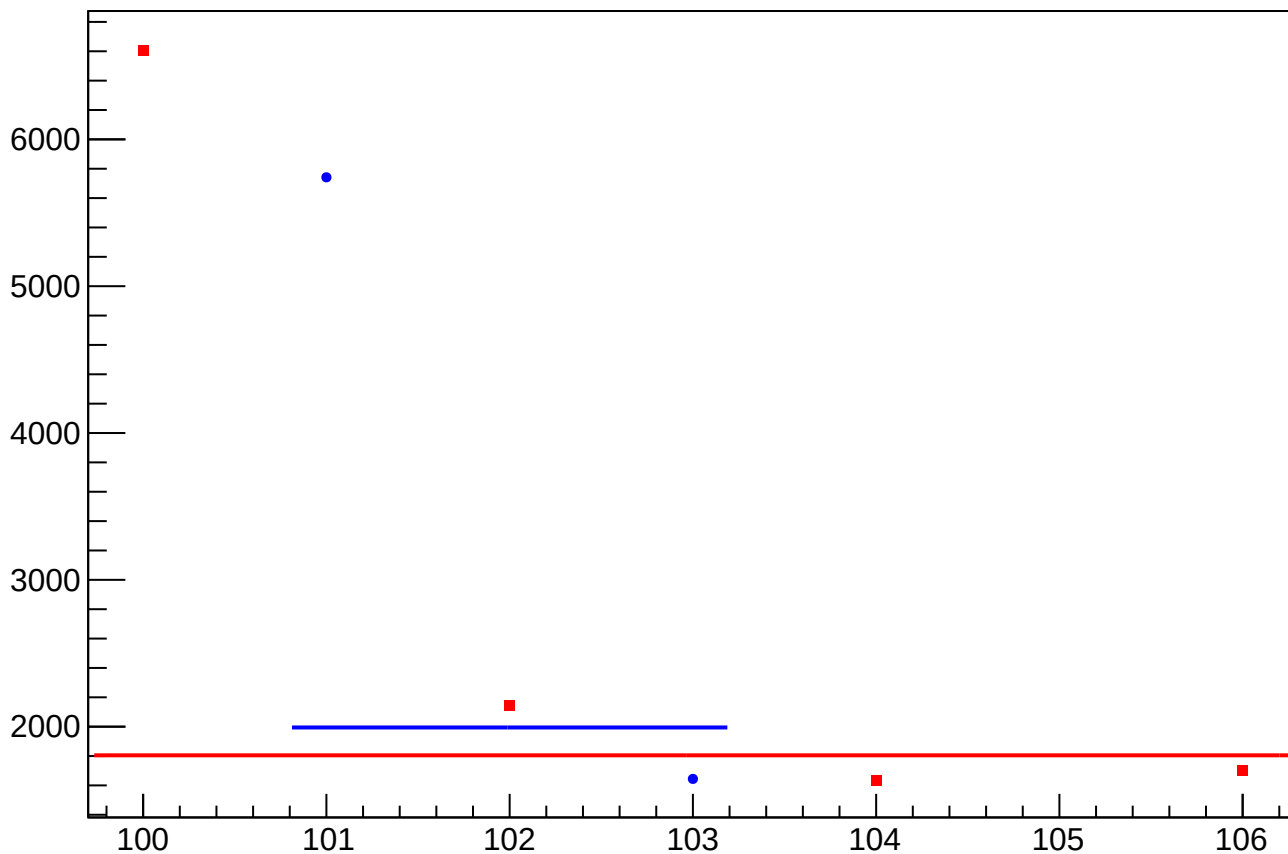
Right: -15.066+/-1281.239 χ^2/NDF : 5.8/5

In: -1239.646+/-2073.741 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.066+/-1281.239 χ^2/NDF : 5.8/5

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.882+/-1.126 χ^2/NDF : 113746.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

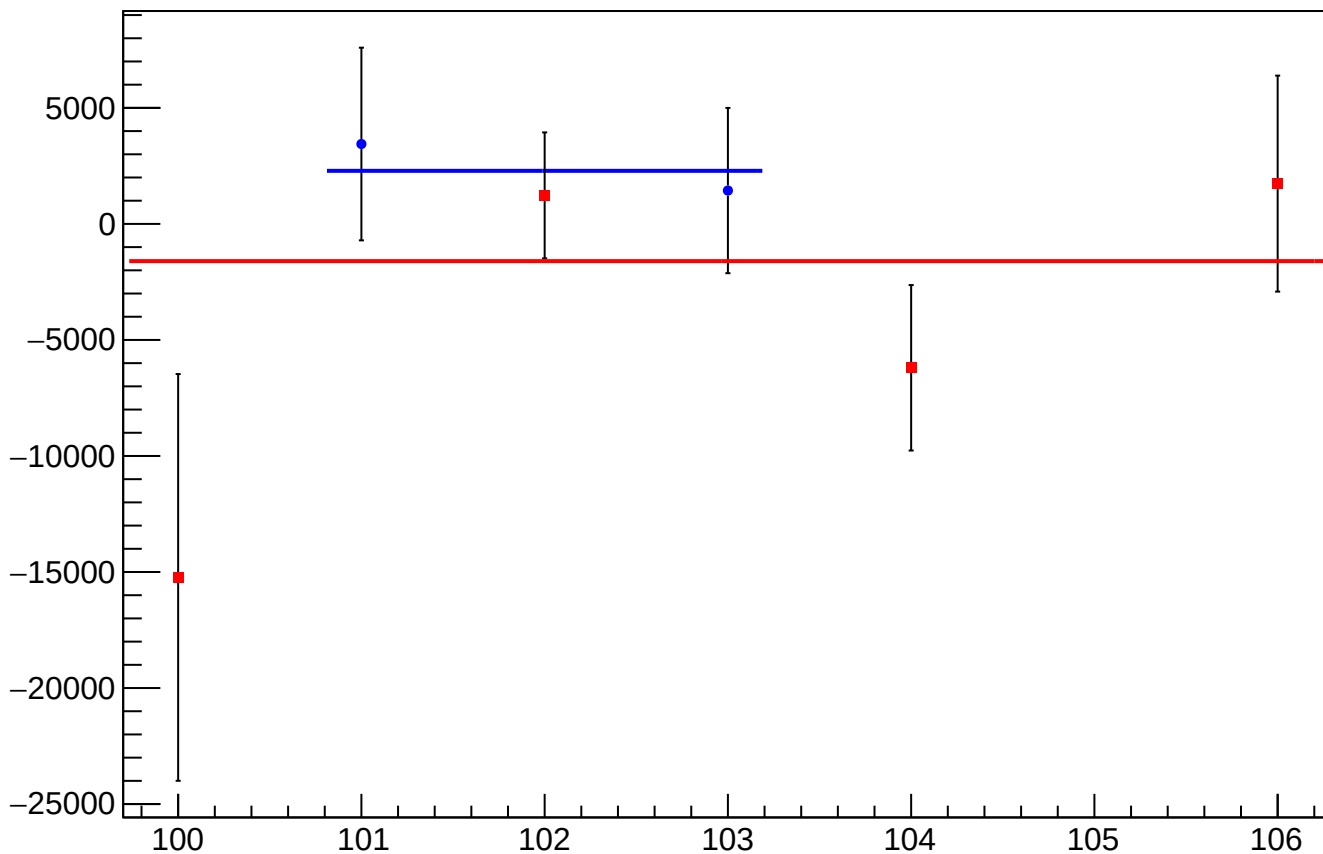
Right: 1875.267+/-0.893 χ^2/NDF : 734607.8/5

In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.267+/-0.893 χ^2/NDF : 734607.8/5

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452+/-2703.119 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1603.408+/-1911.286 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

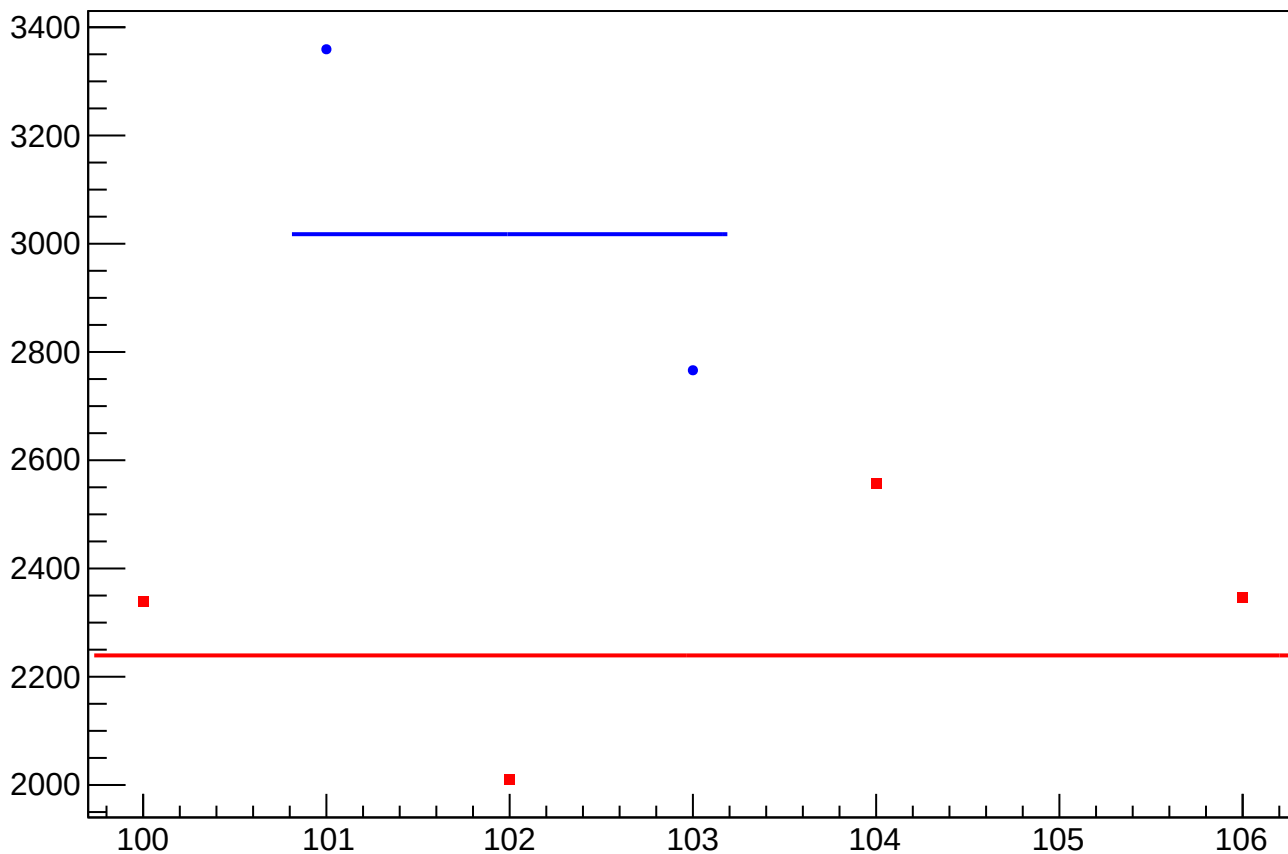
Right: -306.552+/-1560.588 χ^2/NDF : 7.2/5

In: 2287.452+/-2703.119 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.552+/-1560.588 χ^2/NDF : 7.2/5

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3017.642+/-1.911 χ^2 /NDF: 23511.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2239.386+/-1.351 χ^2 /NDF: 31494.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

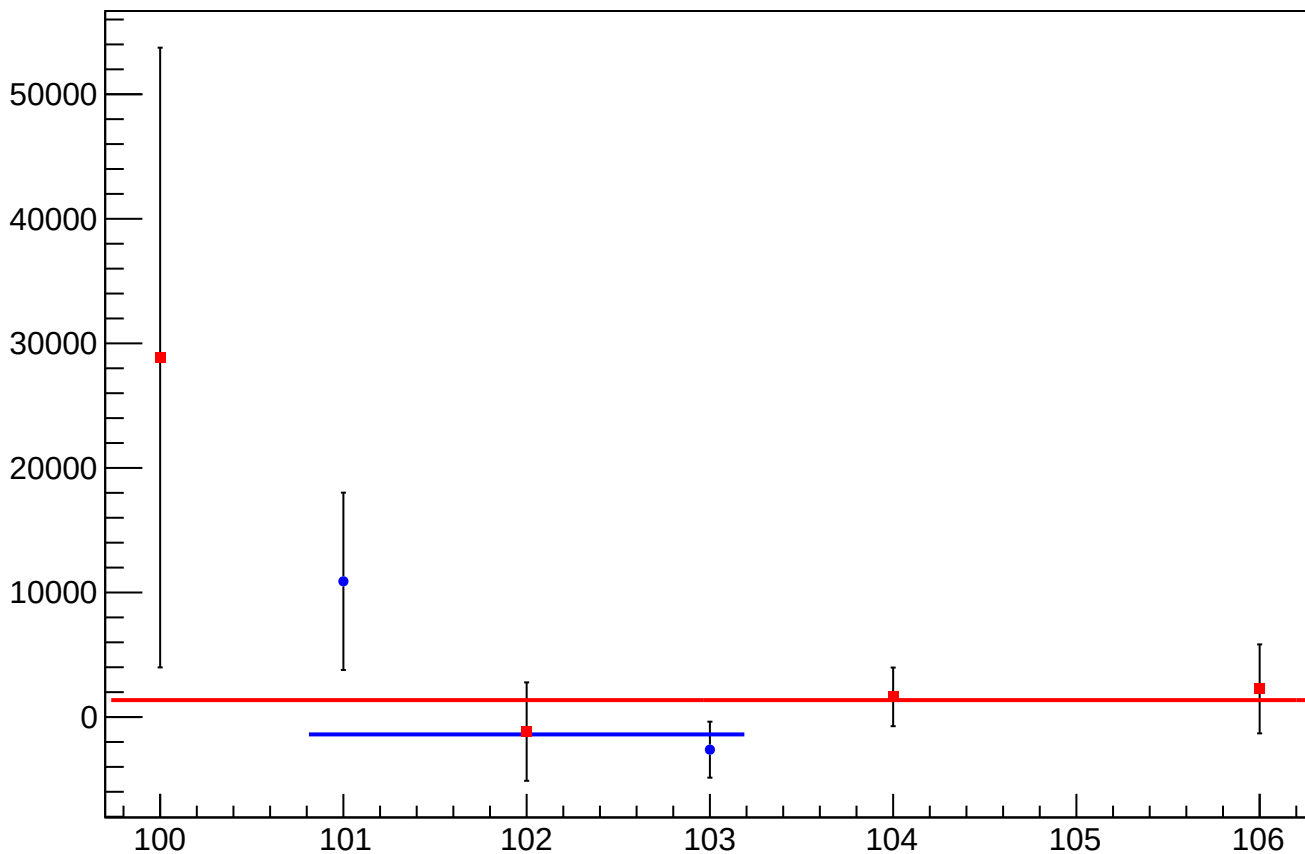
Right: 2498.785+/-1.104 χ^2 /NDF: 165534.1/5

In: 3017.642+/-1.911 χ^2 /NDF:23511.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2498.785+/-1.104 χ^2 /NDF: 165534.1/5

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1392.855+/-2143.346 χ^2 /NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1361.330+/-1754.982 χ^2 /NDF: 1.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

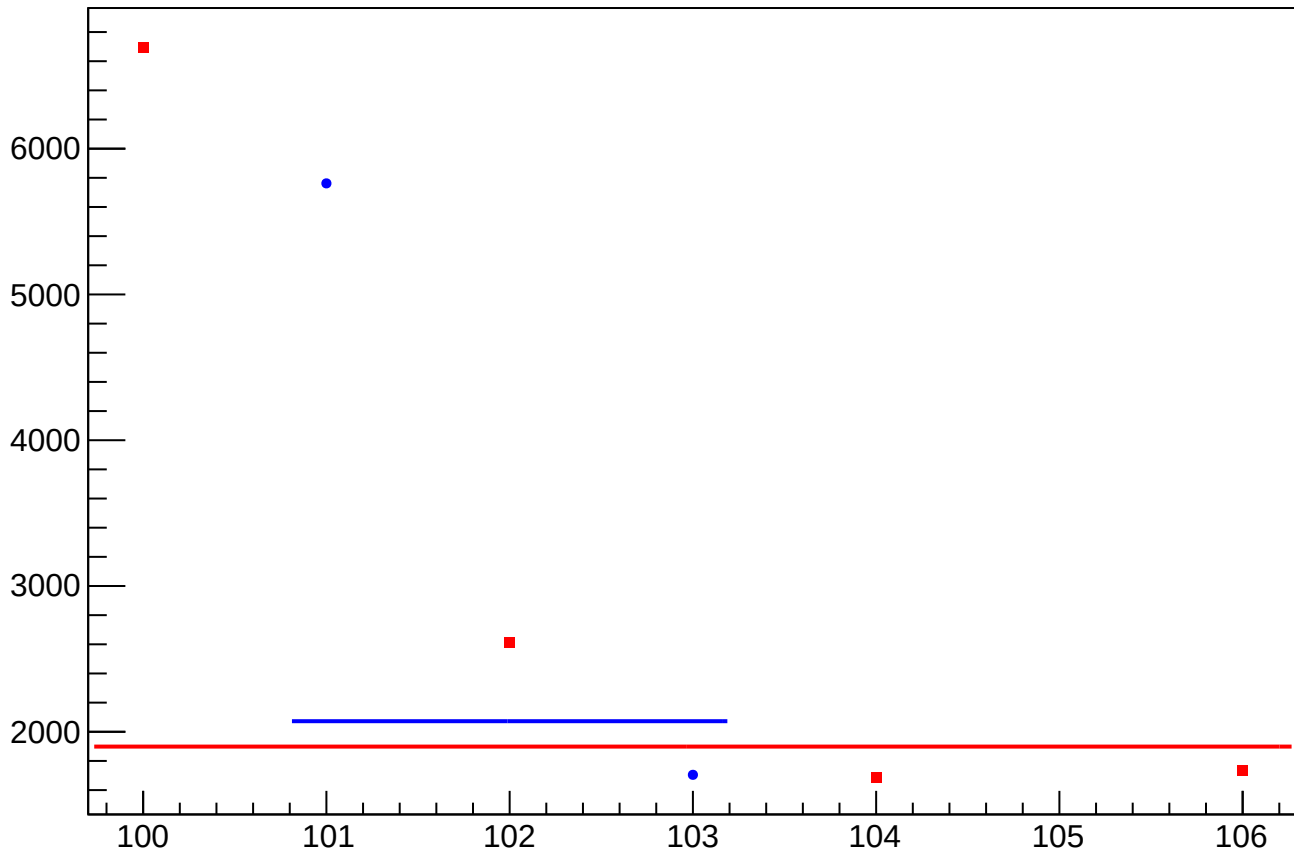
Right: 255.922+/-1357.866 χ^2 /NDF: 6.0/5

In: -1392.855+/-2143.346 χ^2 /NDF: 3.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 255.922+/-1357.866 χ^2 /NDF: 6.0/5

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 2072.607+/-1.516 χ^2/NDF : 590810.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1898.434+/-1.216 χ^2/NDF : 161244.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

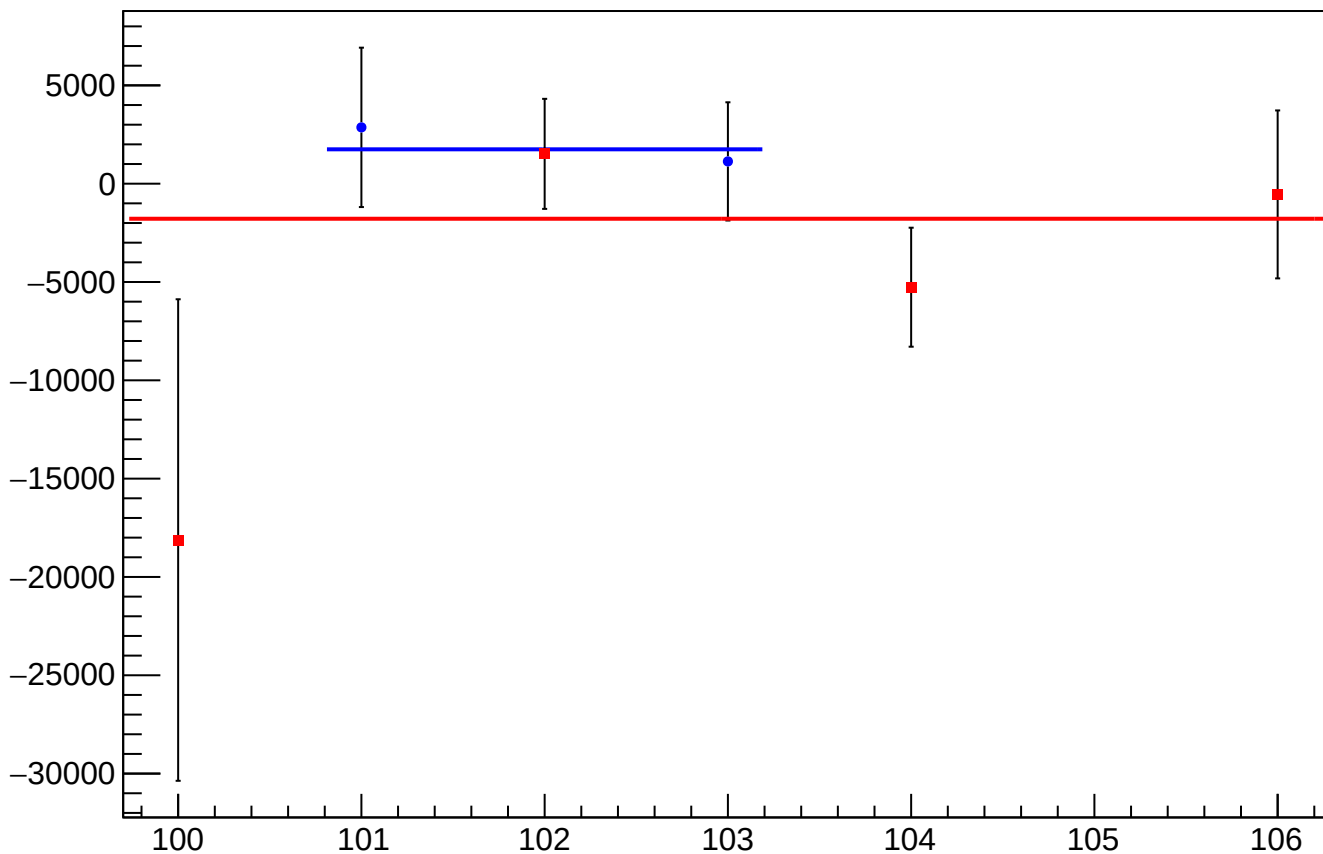
Right: 1966.640+/-0.948 χ^2/NDF : 760090.5/5

In: 2072.607+/-1.516 χ^2/NDF : 590810.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.640+/-0.948 χ^2/NDF : 760090.5/5

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1747.536 $\pm$ 2414.466 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1783.072 $\pm$ 1830.570 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

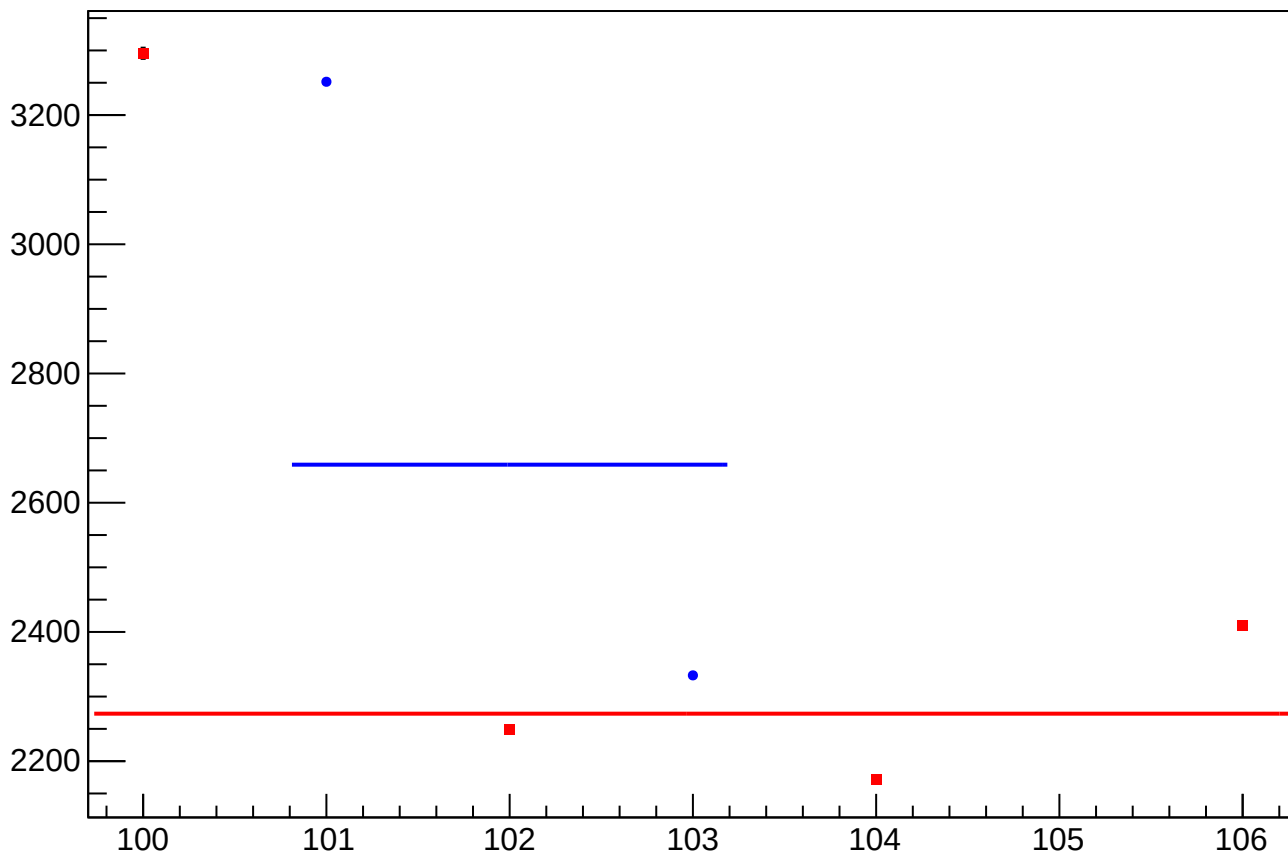
Right: -494.378 $\pm$ 1458.717 χ^2 /NDF: 6.1/5

In: 1747.536 $\pm$ 2414.466 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -494.378 $\pm$ 1458.717 χ^2 /NDF: 6.1/5

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2658.893+/-1.707 χ^2/NDF : 66297.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2273.517+/-1.294 χ^2/NDF : 18422.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

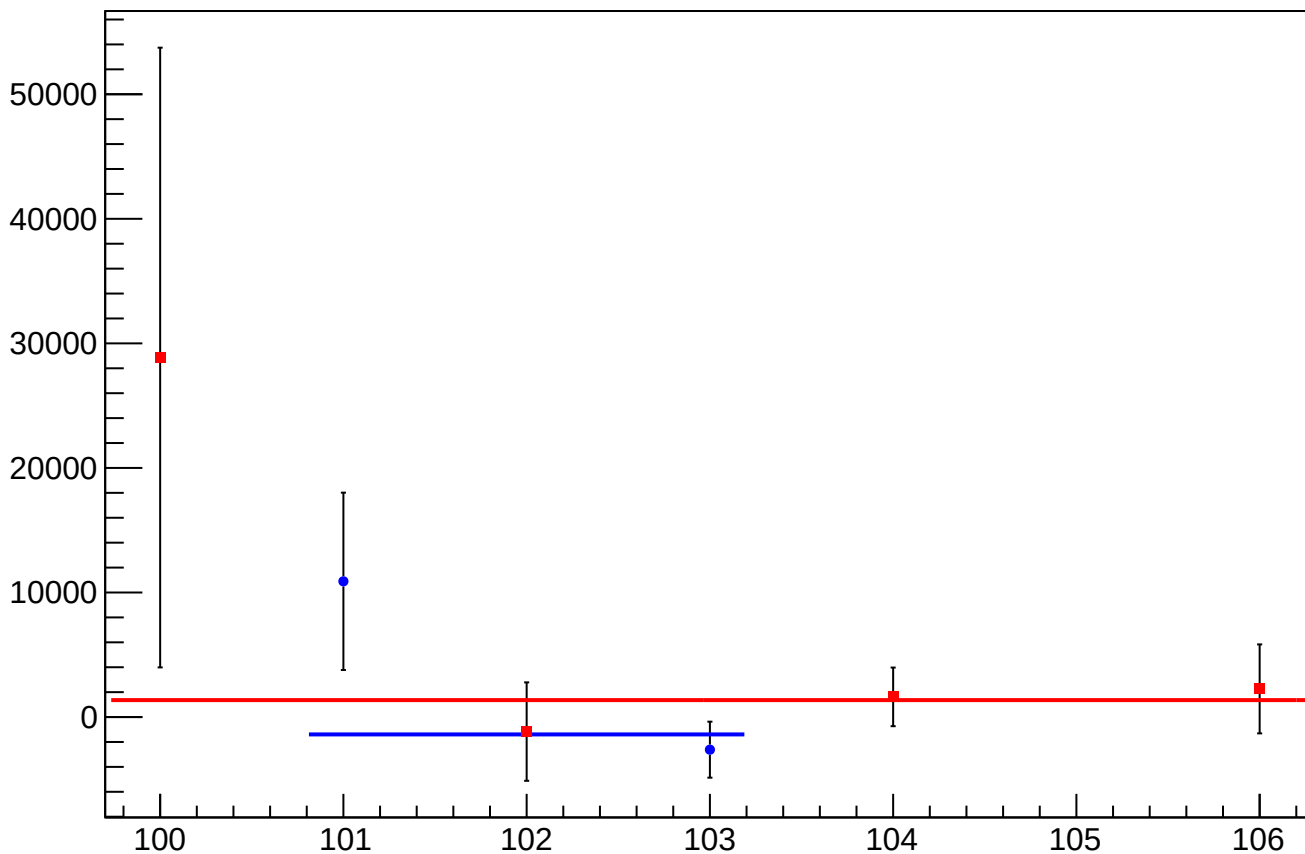
Right: 2414.182+/-1.031 χ^2/NDF : 117074.0/5

In: 2658.893+/-1.707 χ^2/NDF : 66297.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2414.182+/-1.031 χ^2/NDF : 117074.0/5

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1392.859+/-2143.345 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.325+/-1754.981 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

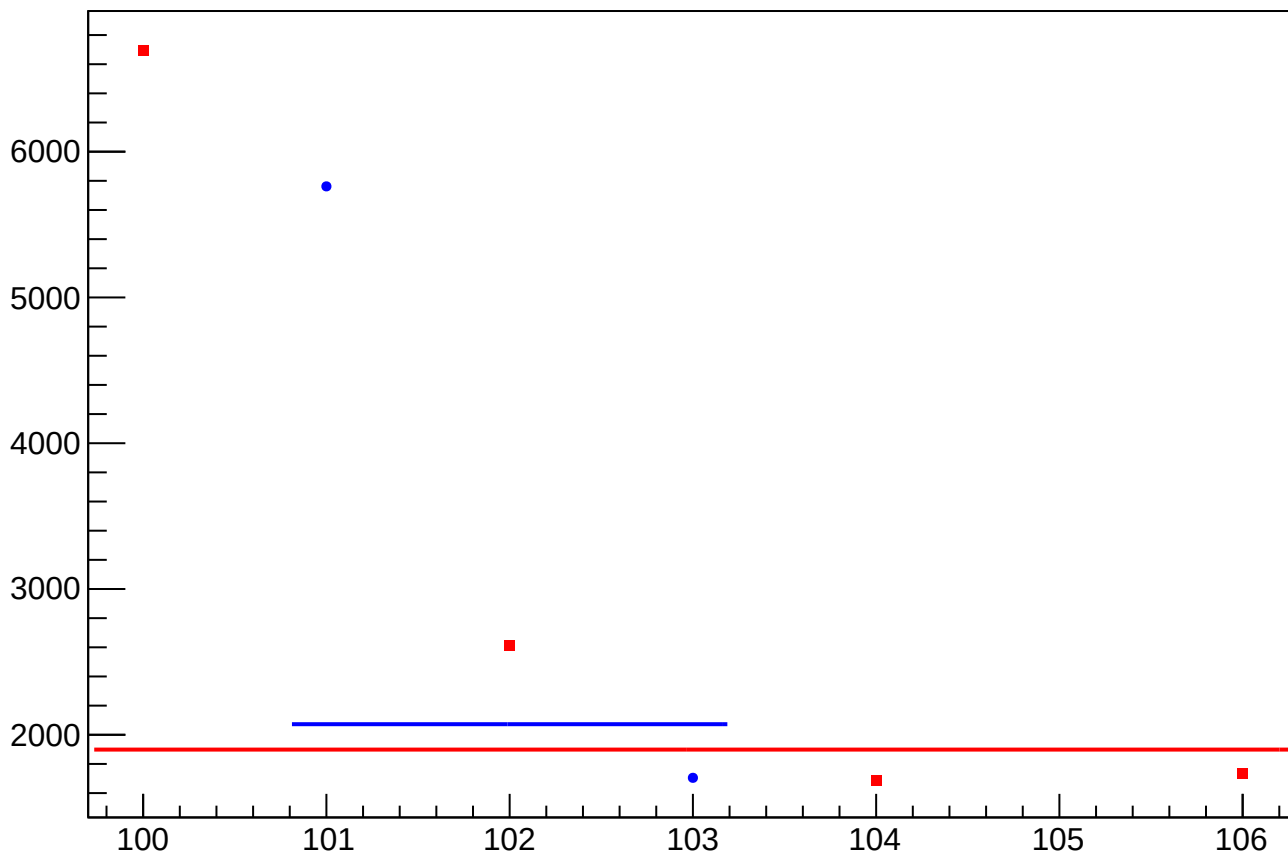
Right: 255.917+/-1357.866 χ^2/NDF : 6.0/5

In: -1392.859+/-2143.345 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.917+/-1357.866 χ^2/NDF : 6.0/5

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 2072.606+/-1.516 χ^2/NDF : 590810.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1898.433+/-1.216 χ^2/NDF : 161244.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

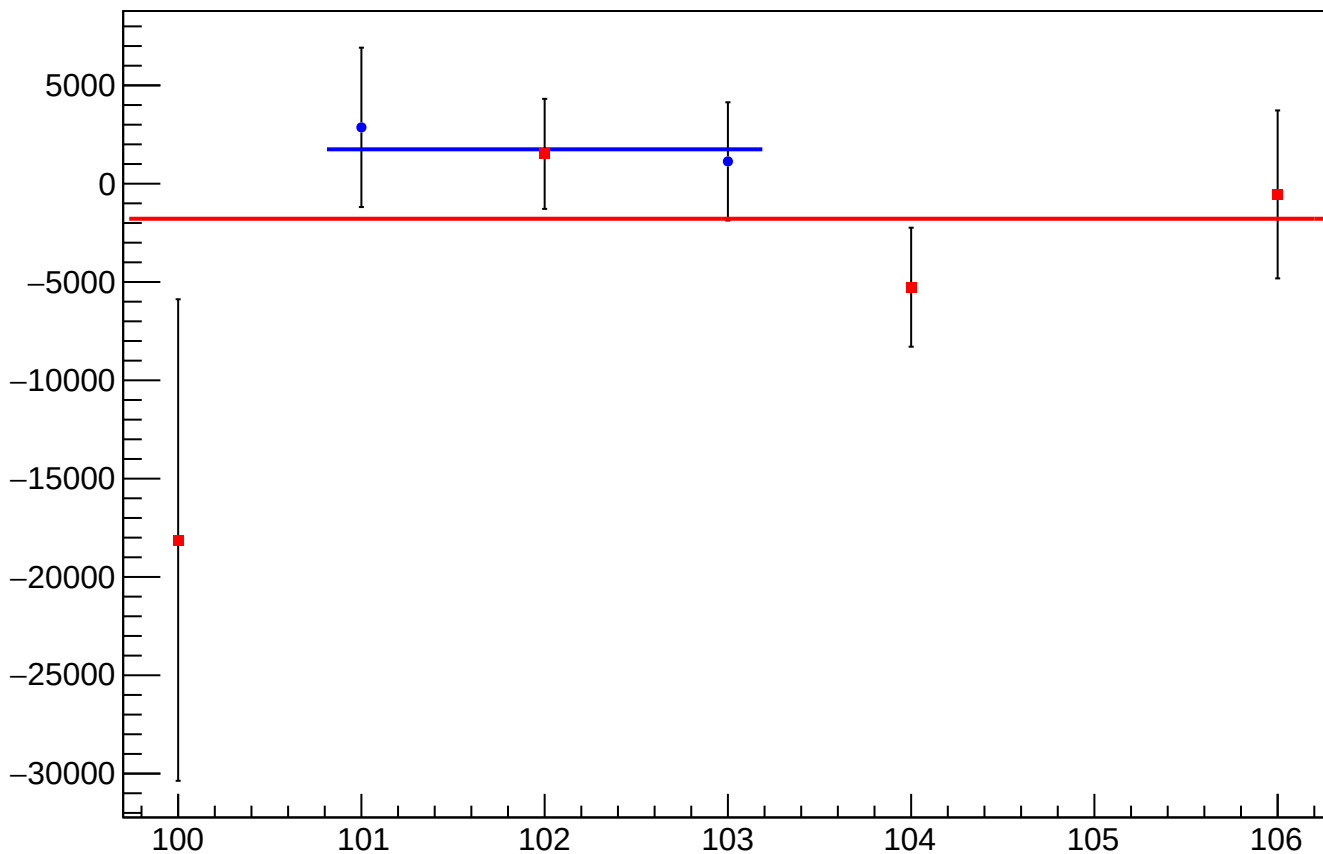
Right: 1966.639+/-0.948 χ^2/NDF : 760090.7/5

In: 2072.606+/-1.516 χ^2/NDF : 590810.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.639+/-0.948 χ^2/NDF : 760090.7/5

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1747.537 $\pm$ 2414.466 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1783.075 $\pm$ 1830.571 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

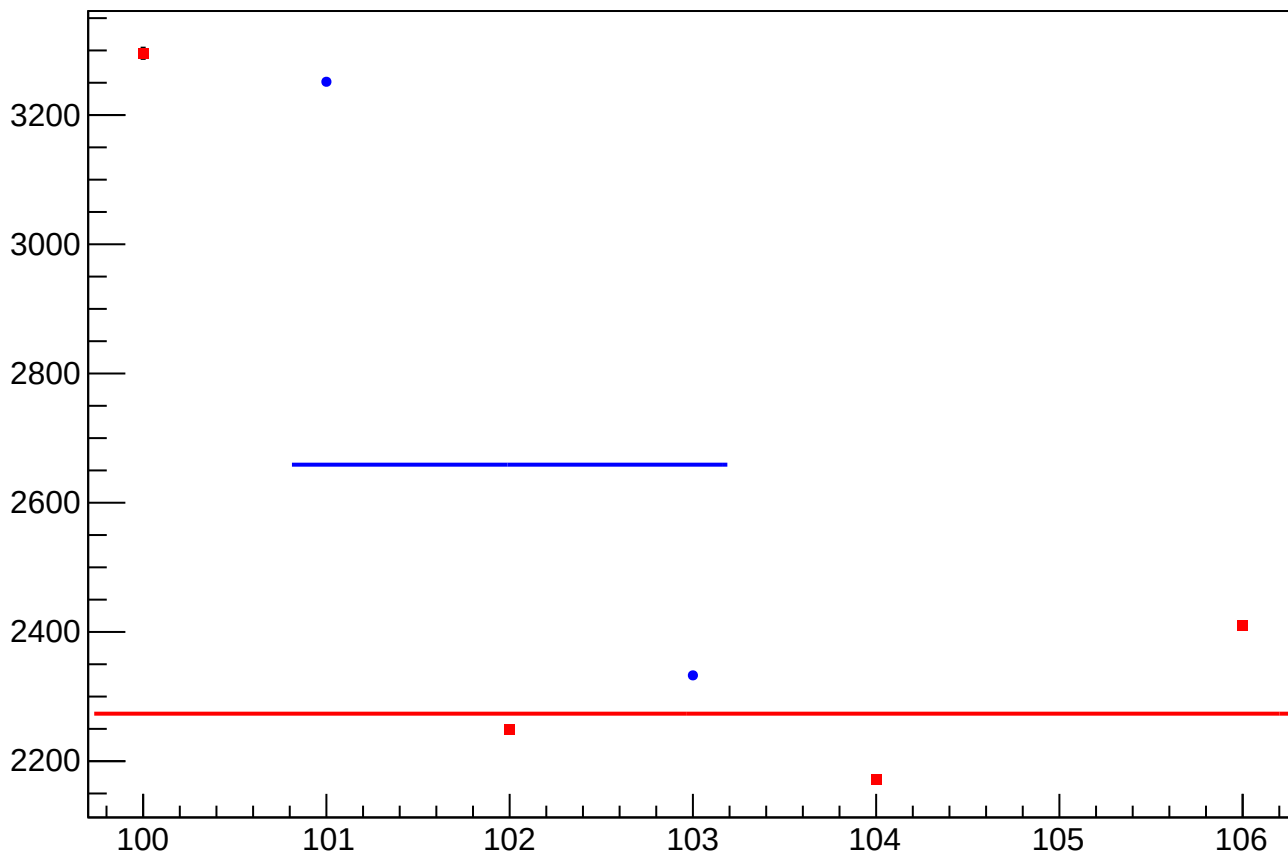
Right: -494.379 $\pm$ 1458.718 χ^2 /NDF: 6.1/5

In: 1747.537 $\pm$ 2414.466 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -494.379 $\pm$ 1458.718 χ^2 /NDF: 6.1/5

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2658.893+/-1.707 χ^2/NDF : 66297.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2273.519+/-1.294 χ^2/NDF : 18422.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

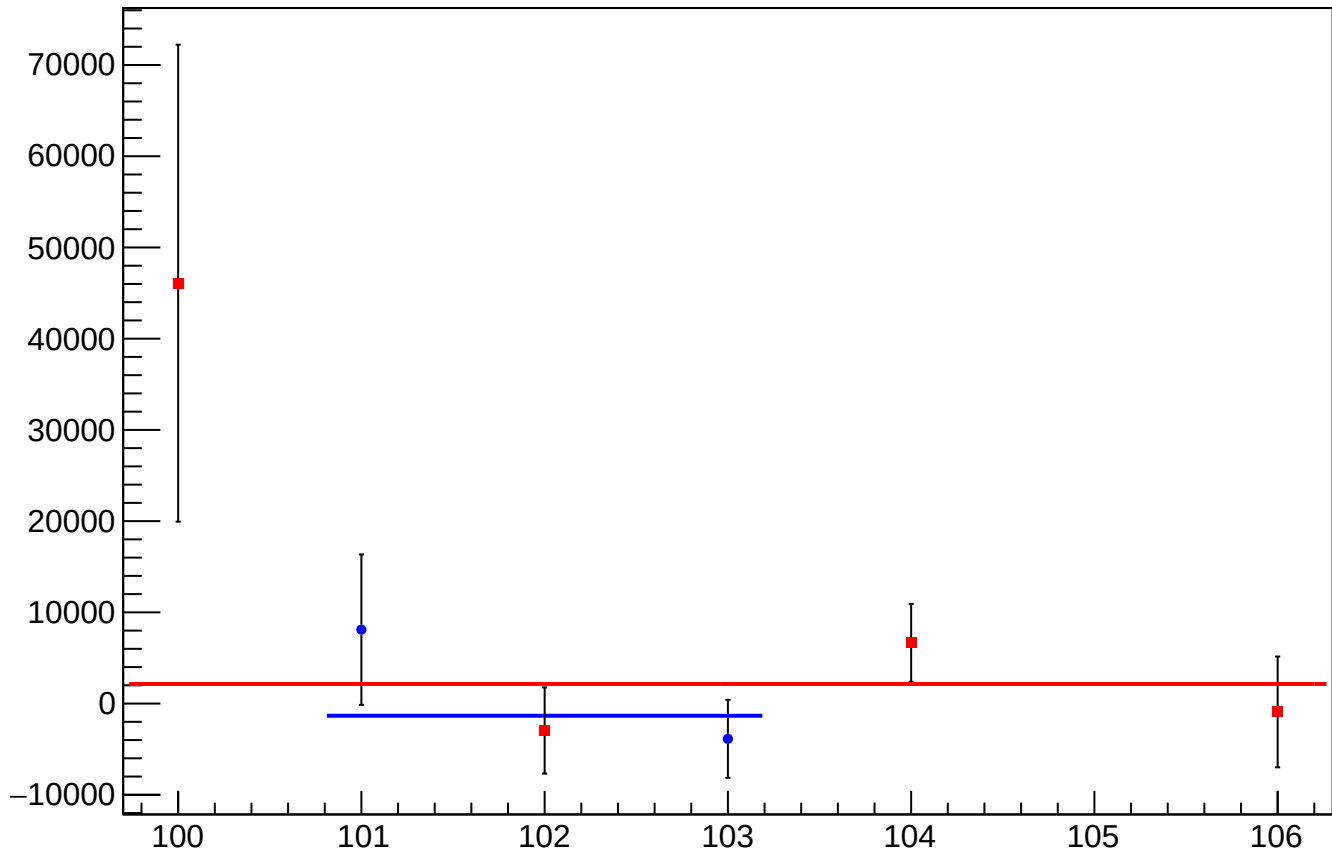
Right: 2414.183+/-1.031 χ^2/NDF : 117072.9/5

In: 2658.893+/-1.707 χ^2/NDF : 66297.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2414.183+/-1.031 χ^2/NDF : 117072.9/5

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1334.654 $\pm$ 3792.107 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2149.768 $\pm$ 2791.159 χ^2 /NDF: 5.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

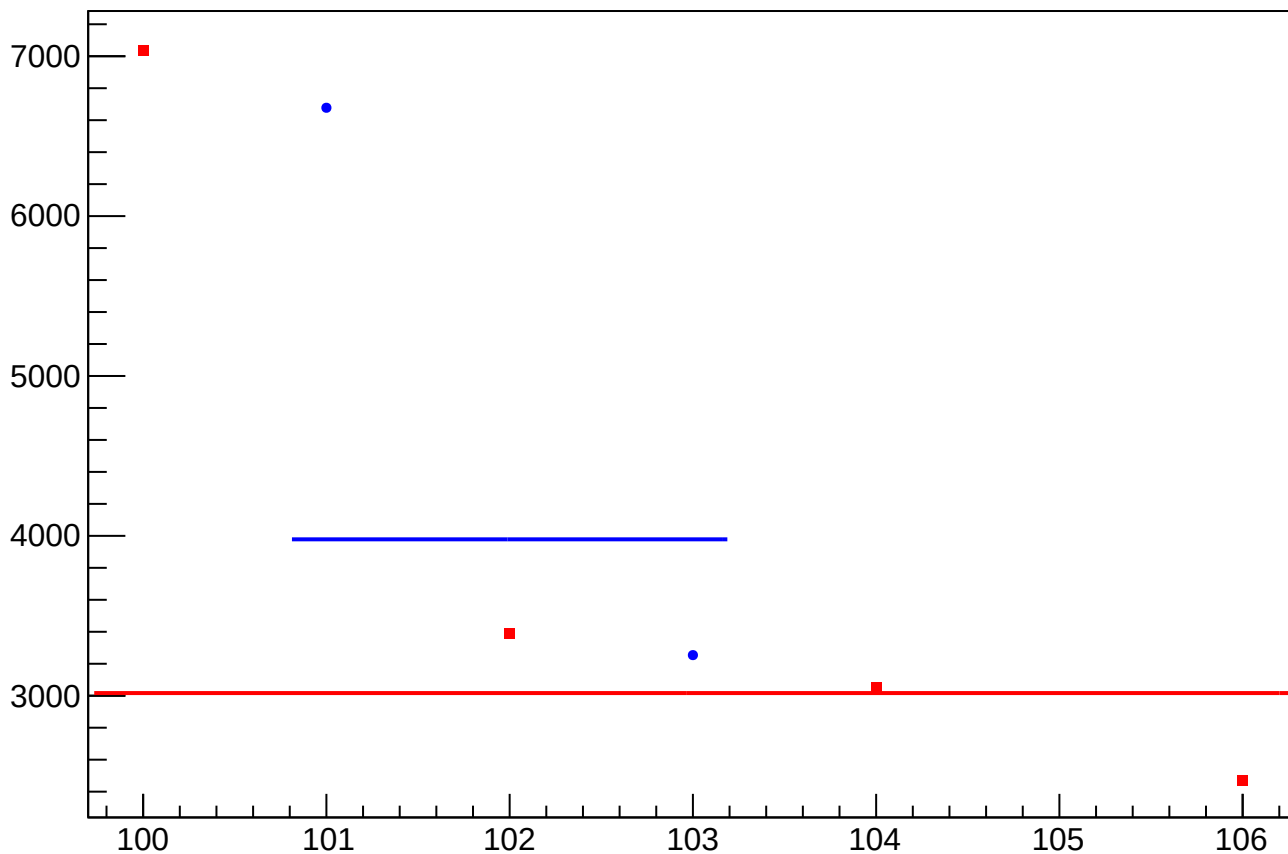
Right: 925.373 $\pm$ 2247.895 χ^2 /NDF: 7.6/5

In: -1334.654 $\pm$ 3792.107 χ^2 /NDF: 1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 925.373 $\pm$ 2247.895 χ^2 /NDF: 7.6/5

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3978.239+/-2.681 χ^2/NDF : 271898.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3016.668+/-1.851 χ^2/NDF : 86215.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

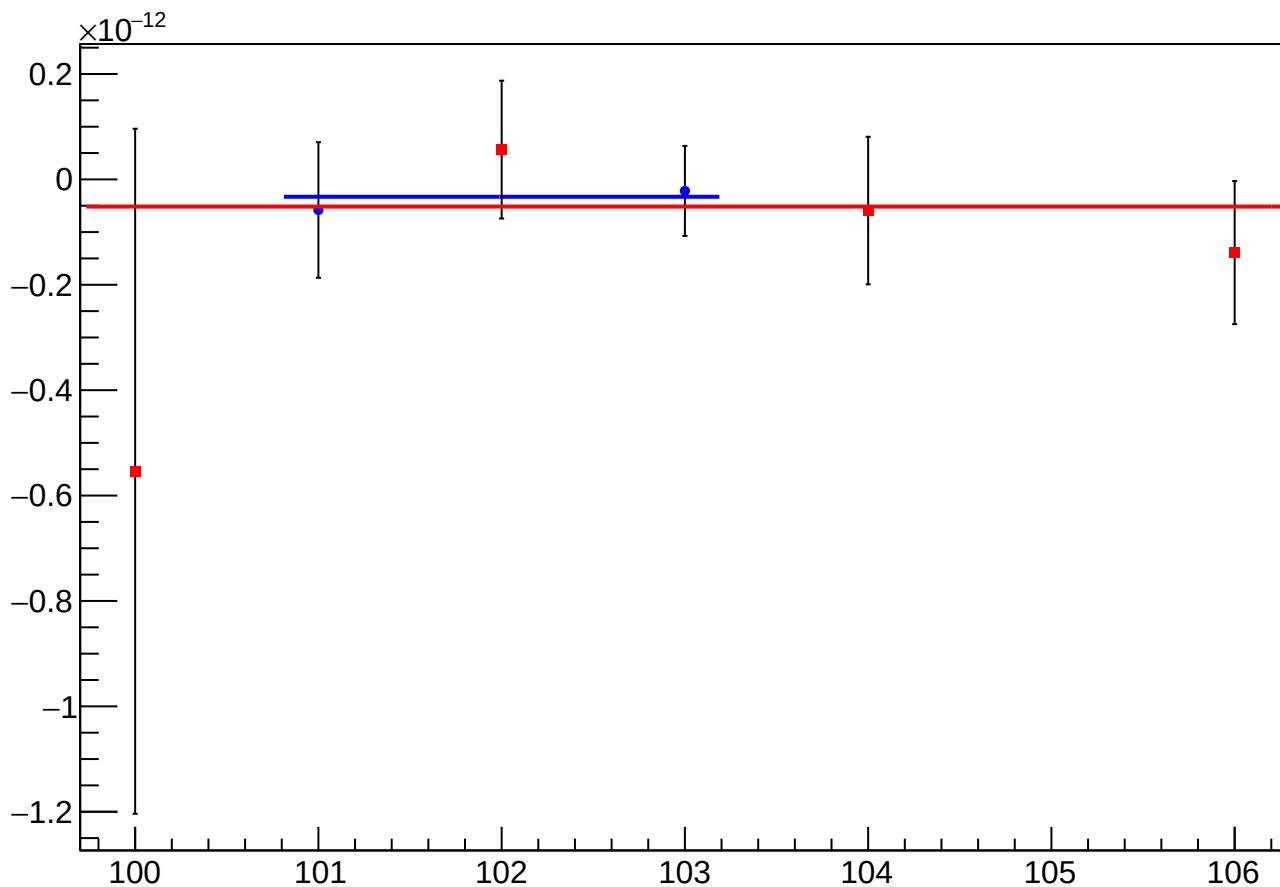
Right: 3327.116+/-1.524 χ^2/NDF : 445195.9/5

In: 3978.239+/-2.681 χ^2/NDF : 271898.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3327.116+/-1.524 χ^2/NDF : 445195.9/5

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

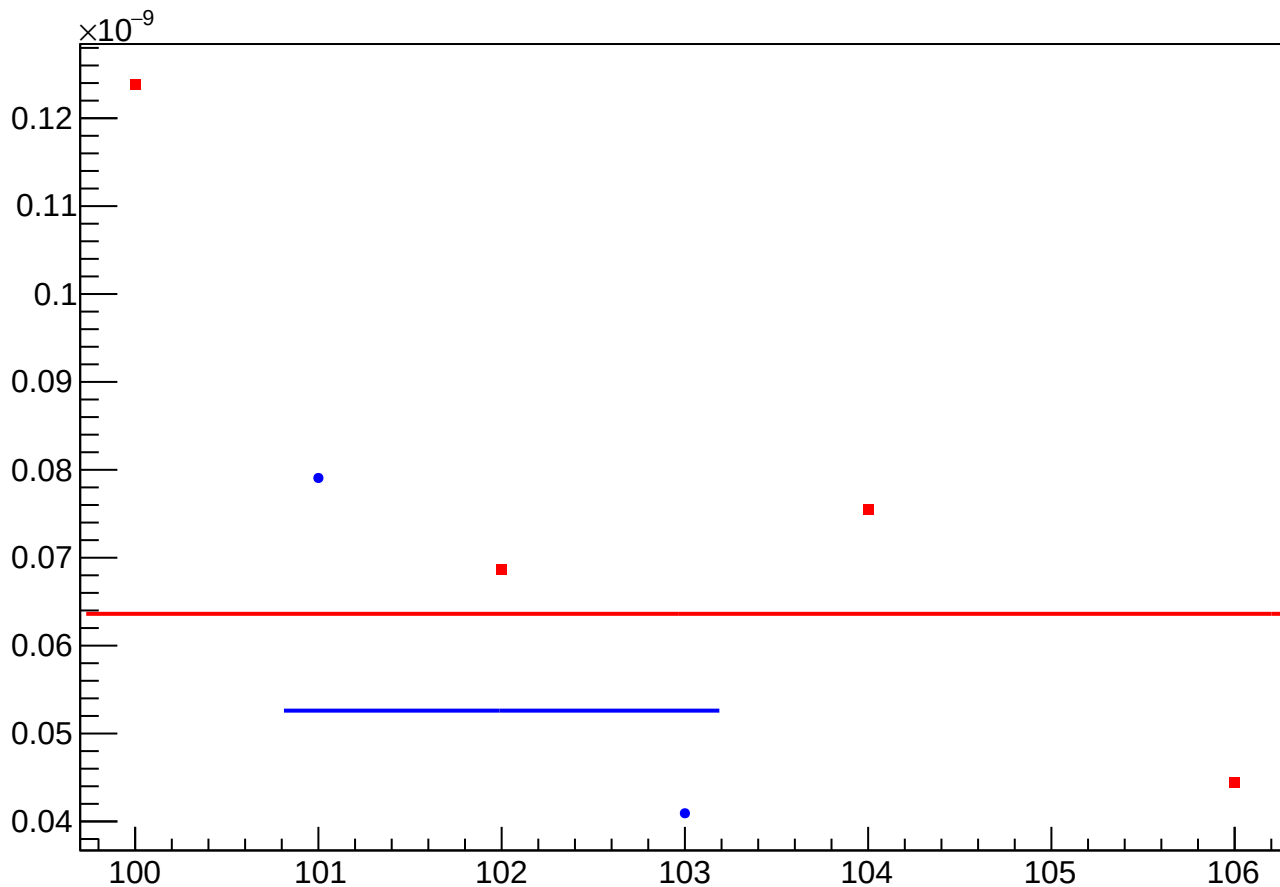
Right: -0.000+/-0.000 χ^2/NDF : 1.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.8/5

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 121980.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 74345.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

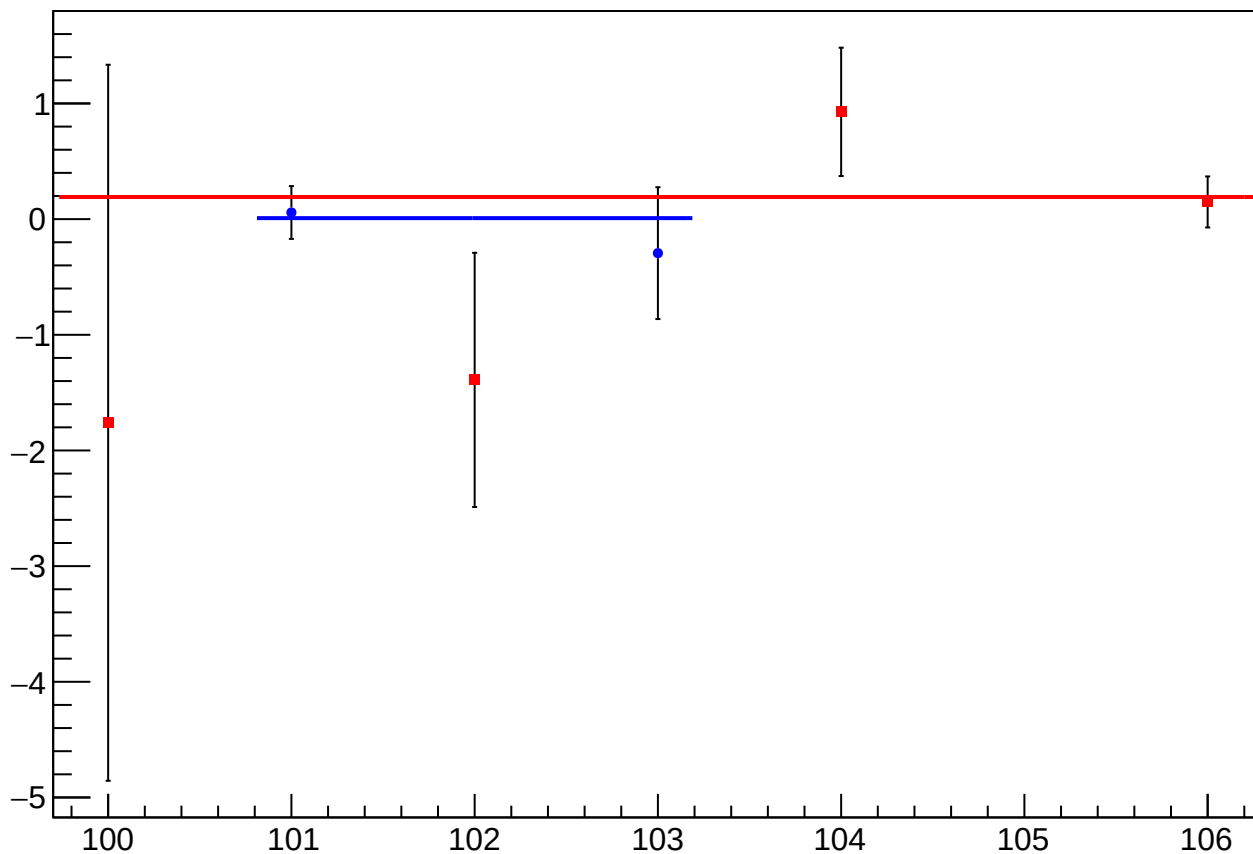
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 218202.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 121980.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 218202.1/5

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.191 $\pm$ 0.201 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

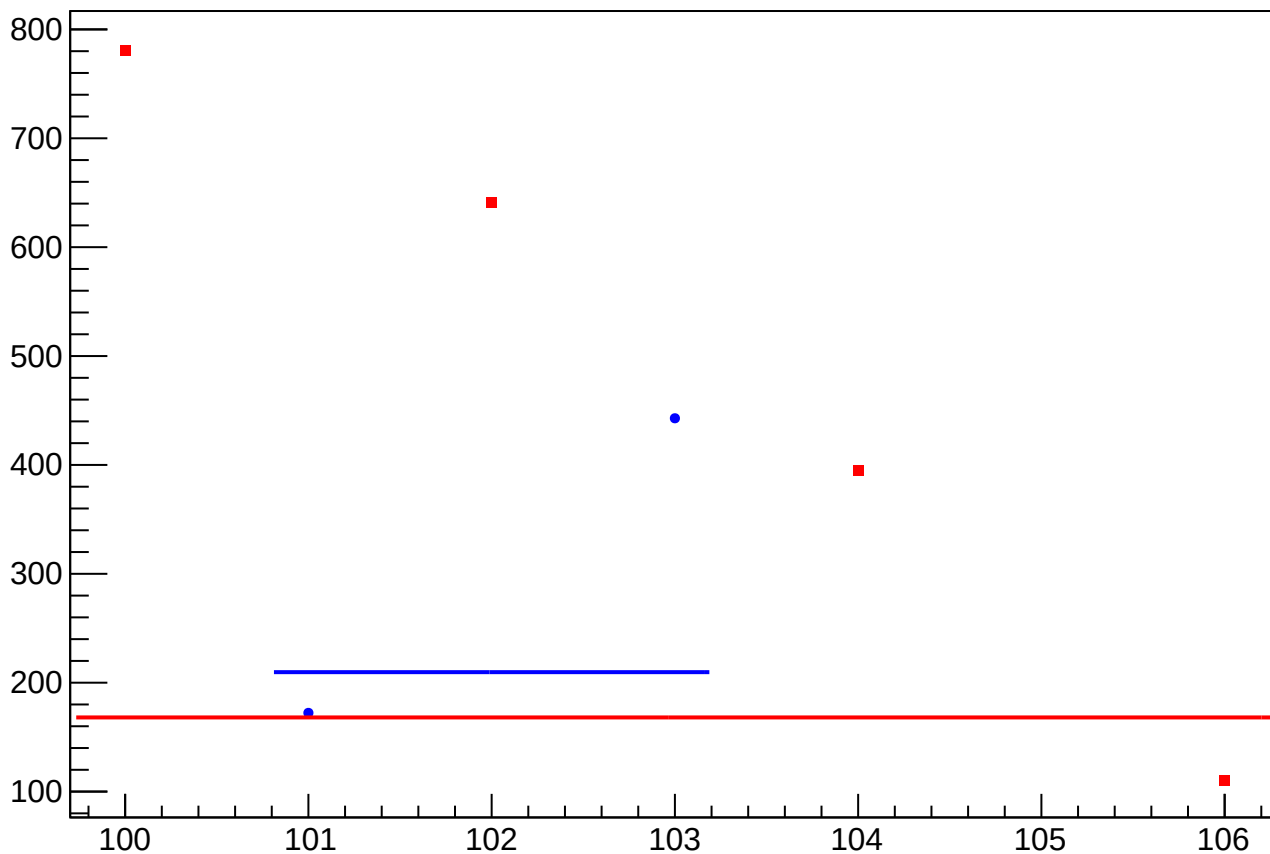
Right: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.096+/-0.142 χ^2/NDF : 922054.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

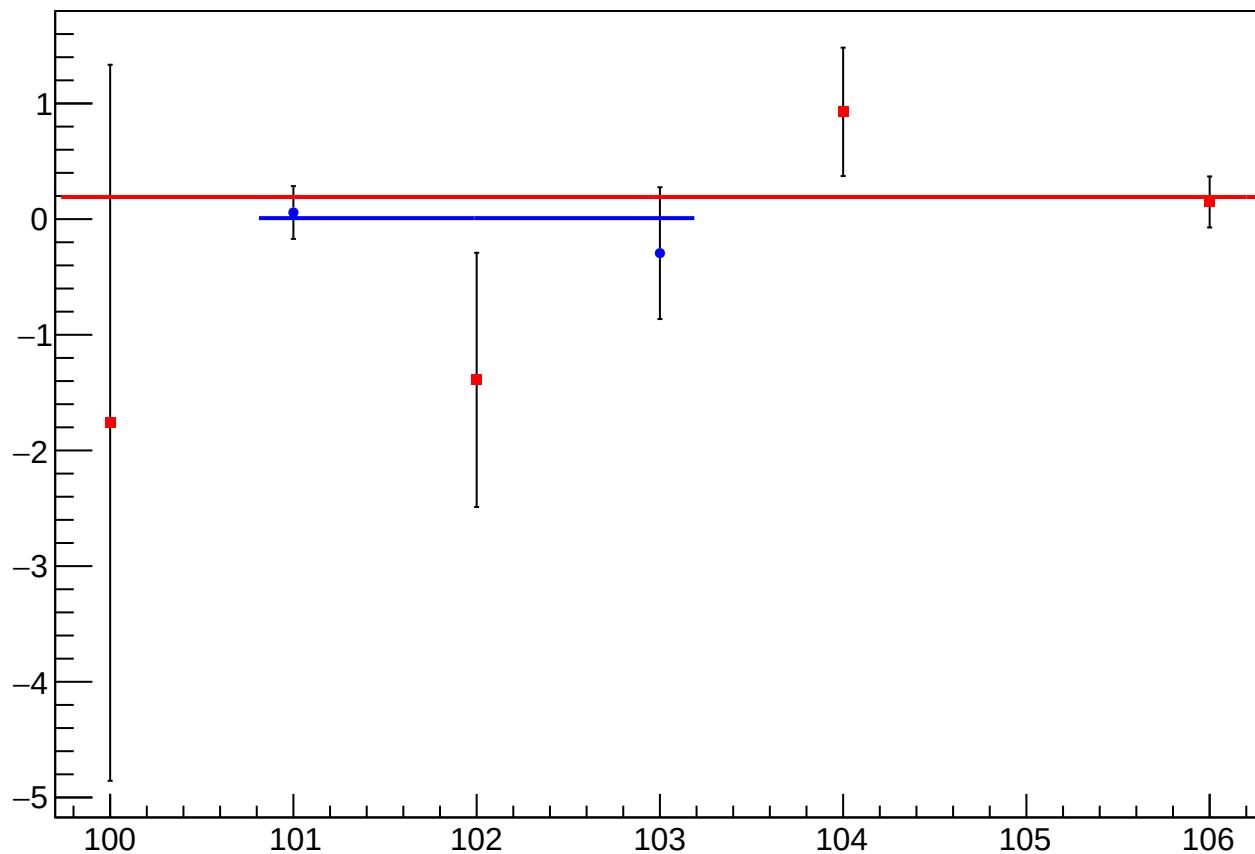
Right: 187.803+/-0.103 χ^2/NDF : 1351234.3/5

In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.803+/-0.103 χ^2/NDF : 1351234.3/5

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.191 $\pm$ 0.201 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

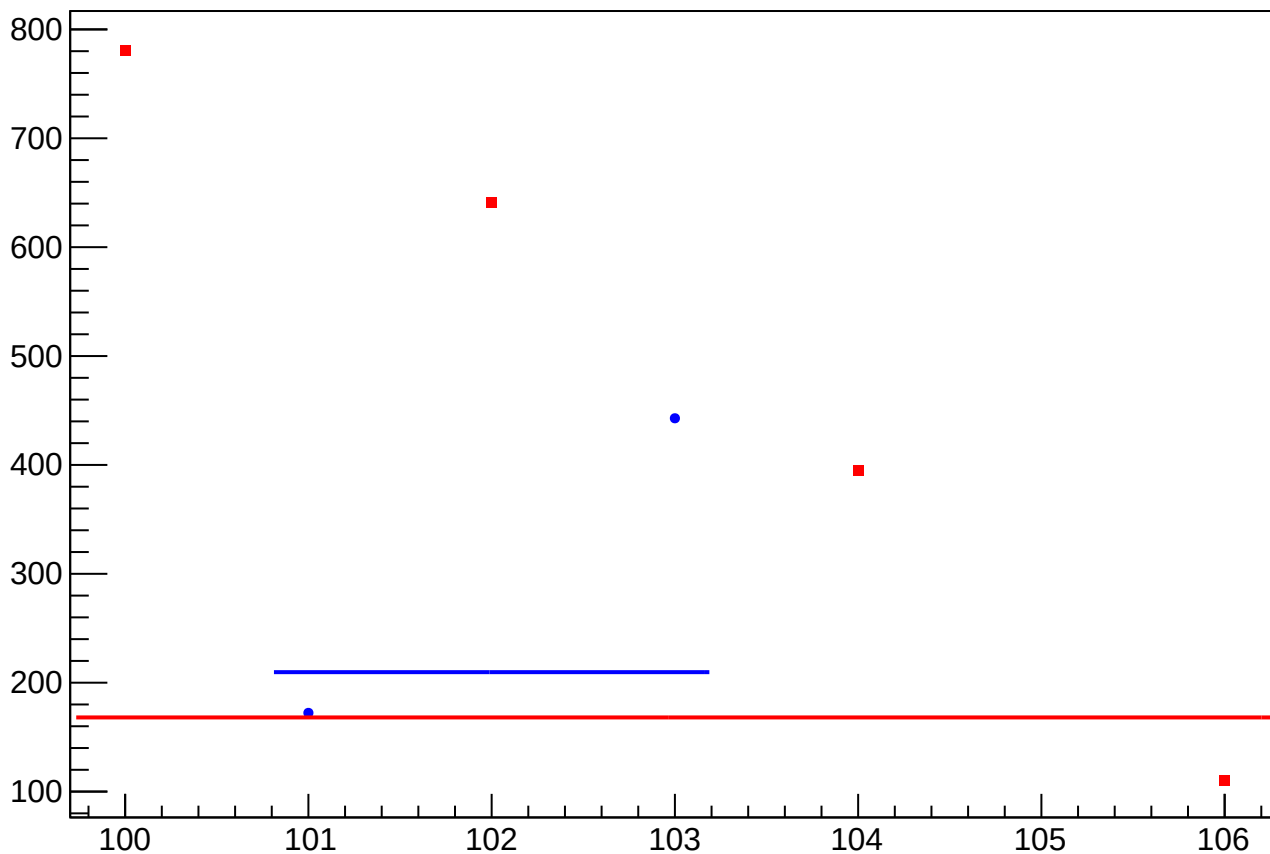
Right: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

In: 0.009 $\pm$ 0.212 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.096+/-0.142 χ^2/NDF : 922054.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

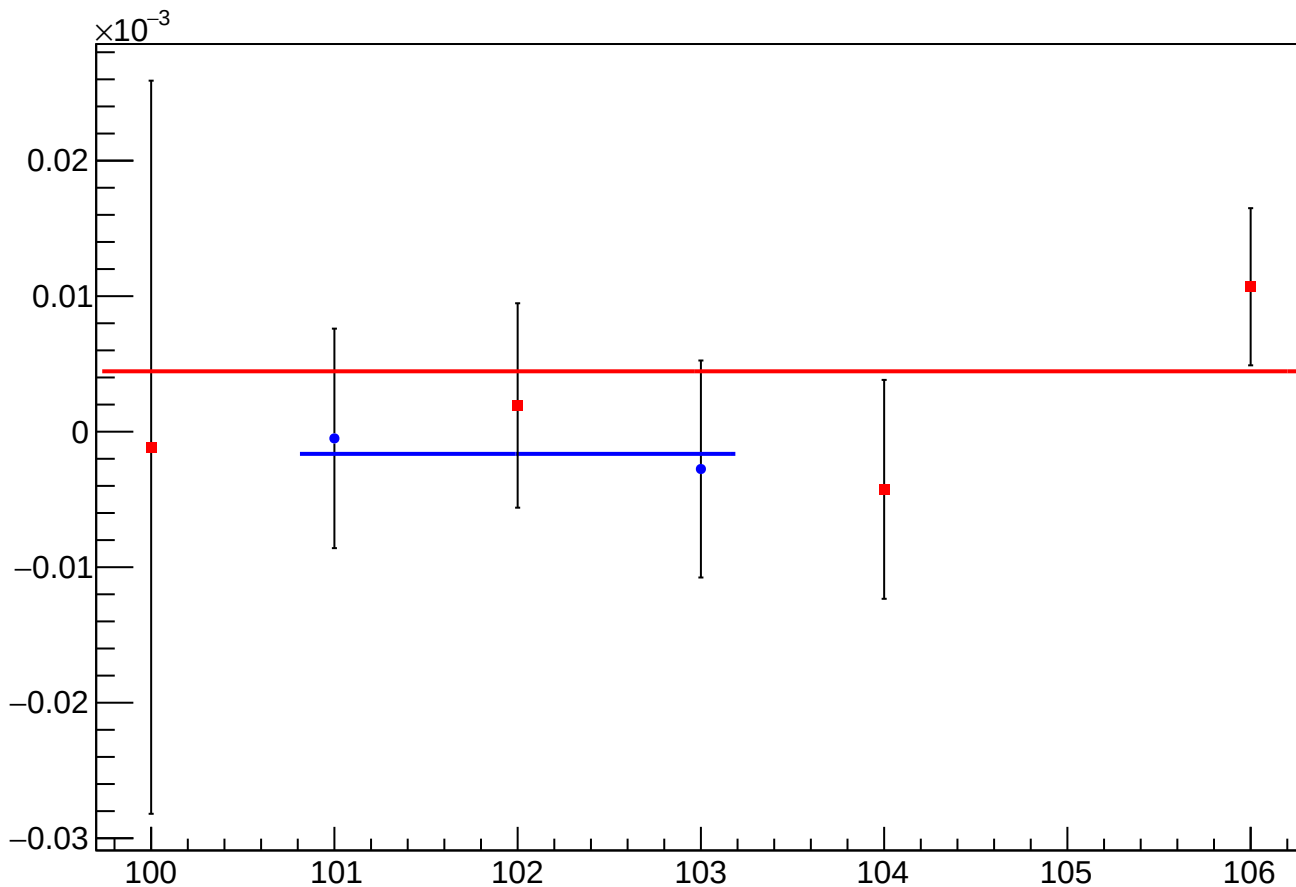
Right: 187.803+/-0.103 χ^2/NDF : 1351234.3/5

In: 209.680+/-0.150 χ^2/NDF : 388648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.803+/-0.103 χ^2/NDF : 1351234.3/5

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

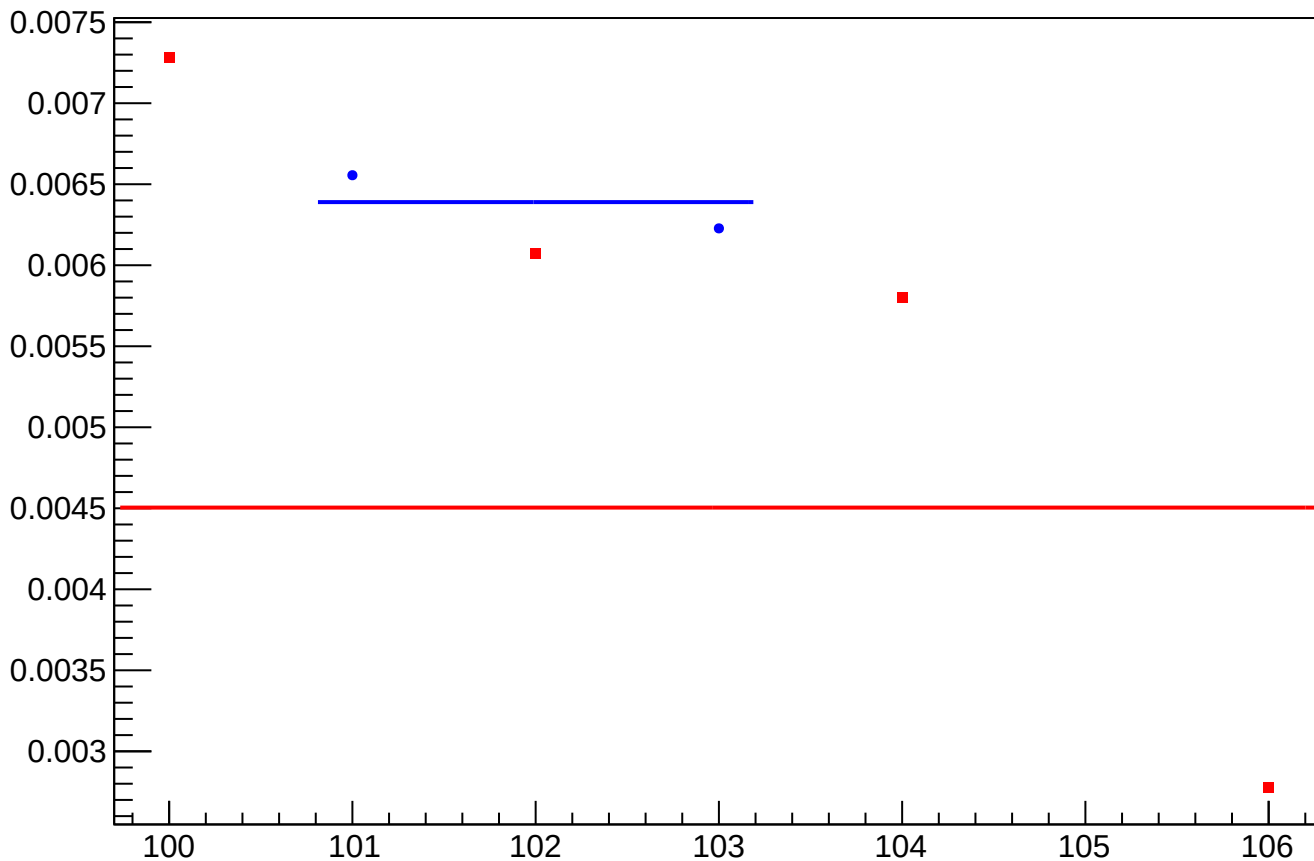
Right: 0.000+/-0.000 χ^2/NDF : 3.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.3/5

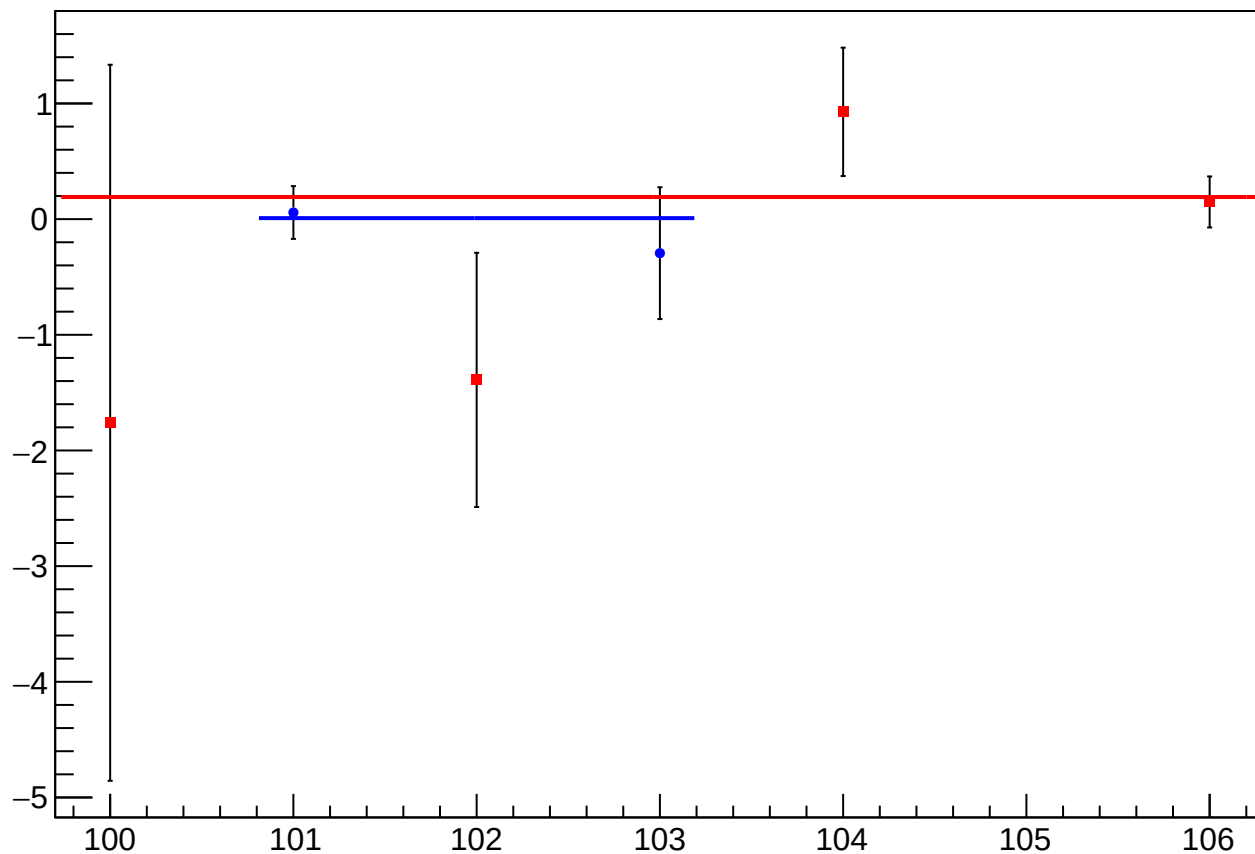
asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1659.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.005+/-0.000 χ^2/NDF : 336478.6/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.005+/-0.000 χ^2/NDF : 486129.7/5
 In: 0.006+/-0.000 χ^2/NDF : 1659.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.005+/-0.000 χ^2/NDF : 486129.7/5

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.191 $\pm$ 0.201 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

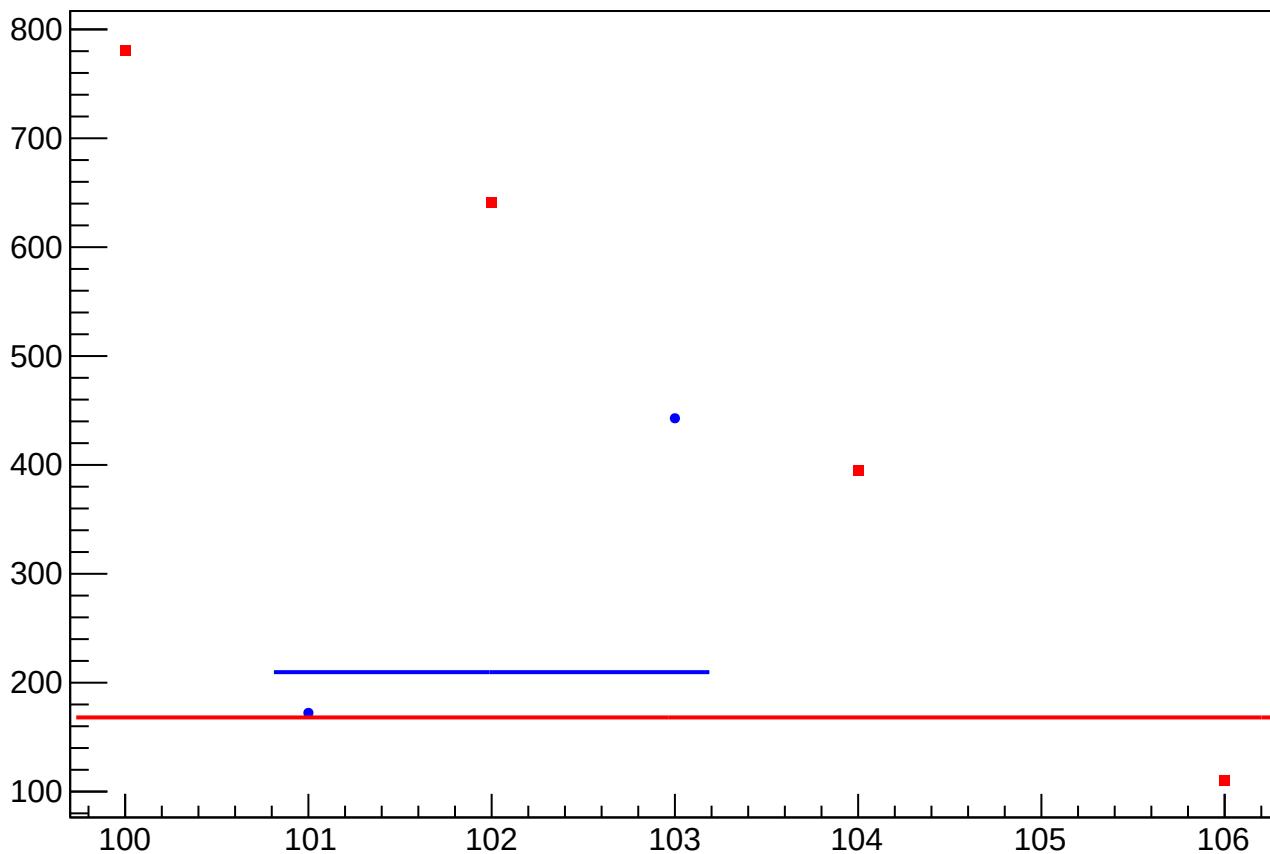
Right: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.096+/-0.142 χ^2/NDF : 922054.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

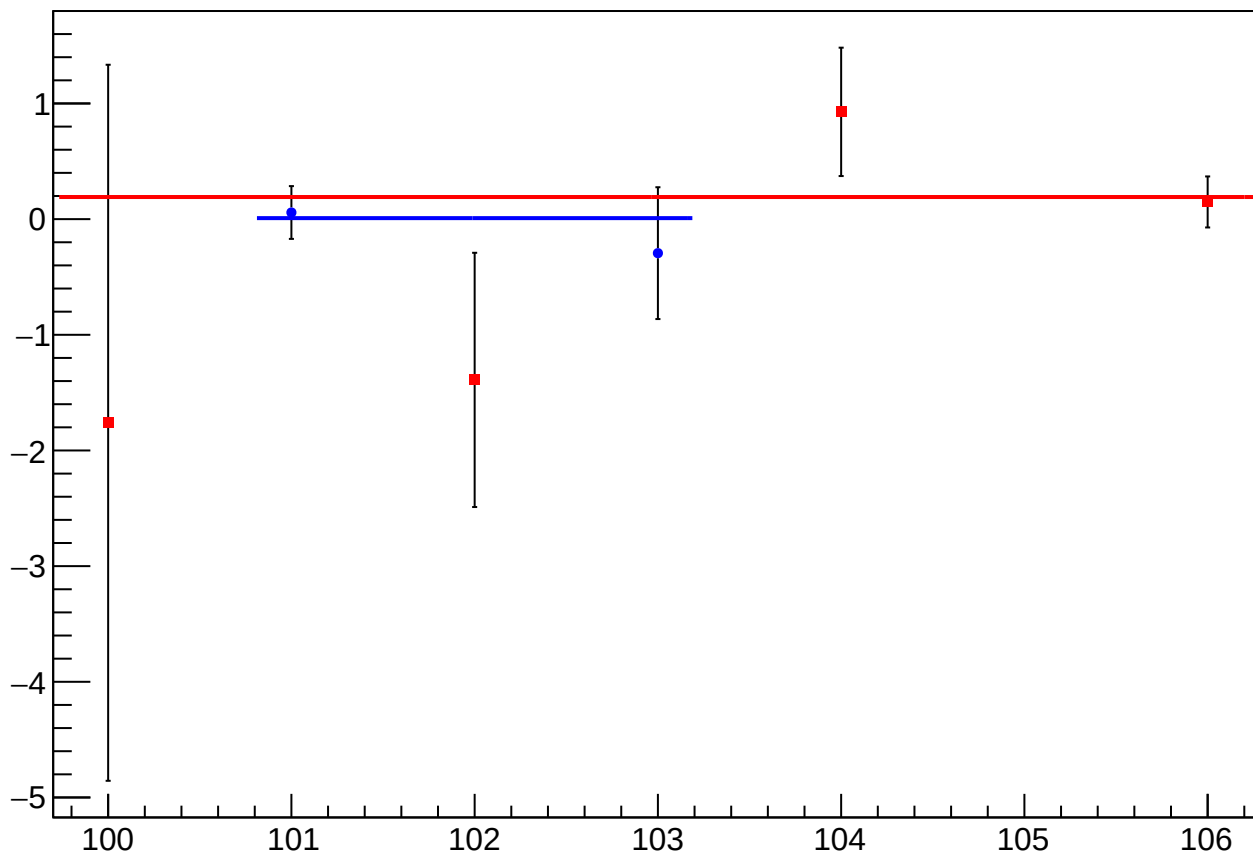
Right: 187.801+/-0.103 χ^2/NDF : 1351239.3/5

In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.801+/-0.103 χ^2/NDF : 1351239.3/5

asym_atr12_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.191 $\pm$ 0.201 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

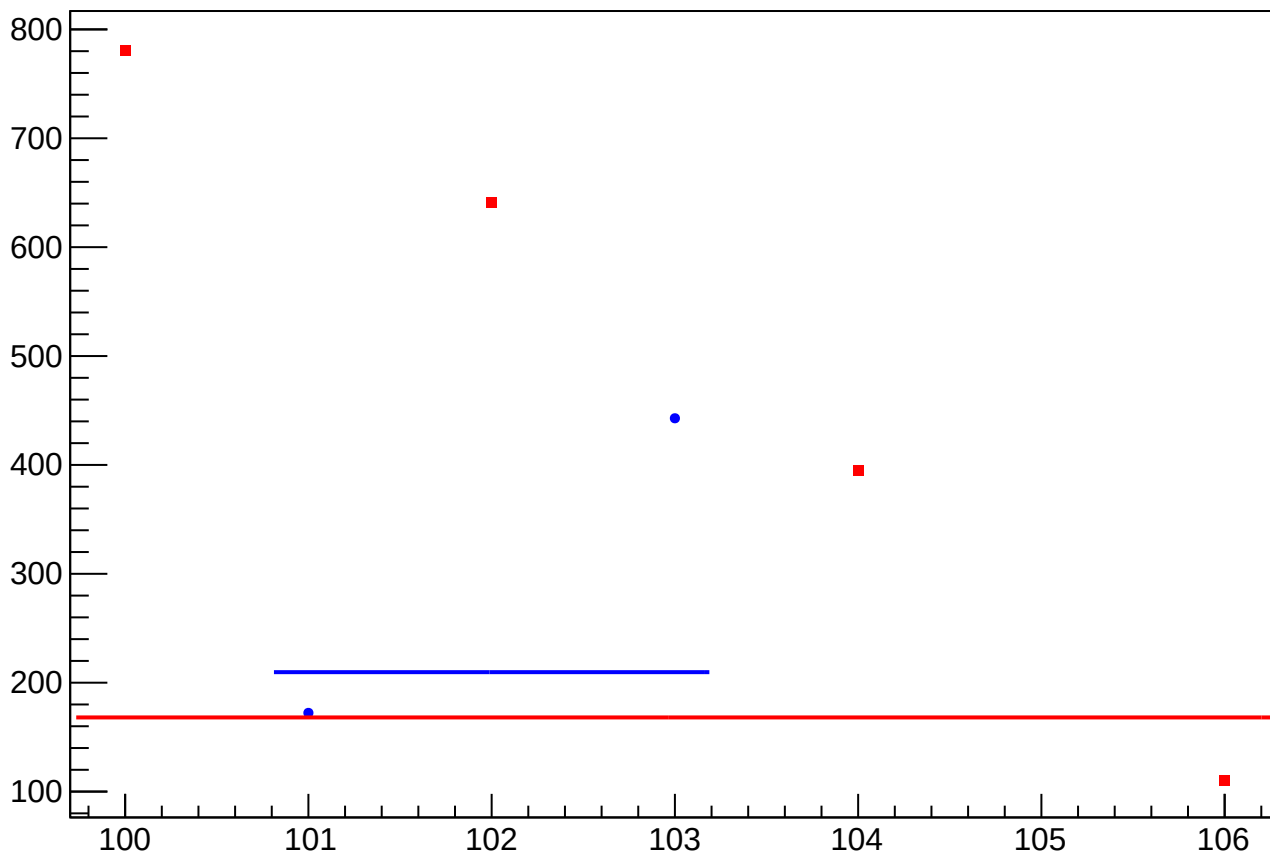
Right: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.146 χ^2 /NDF: 5.0/5

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.096+/-0.142 χ^2/NDF : 922054.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

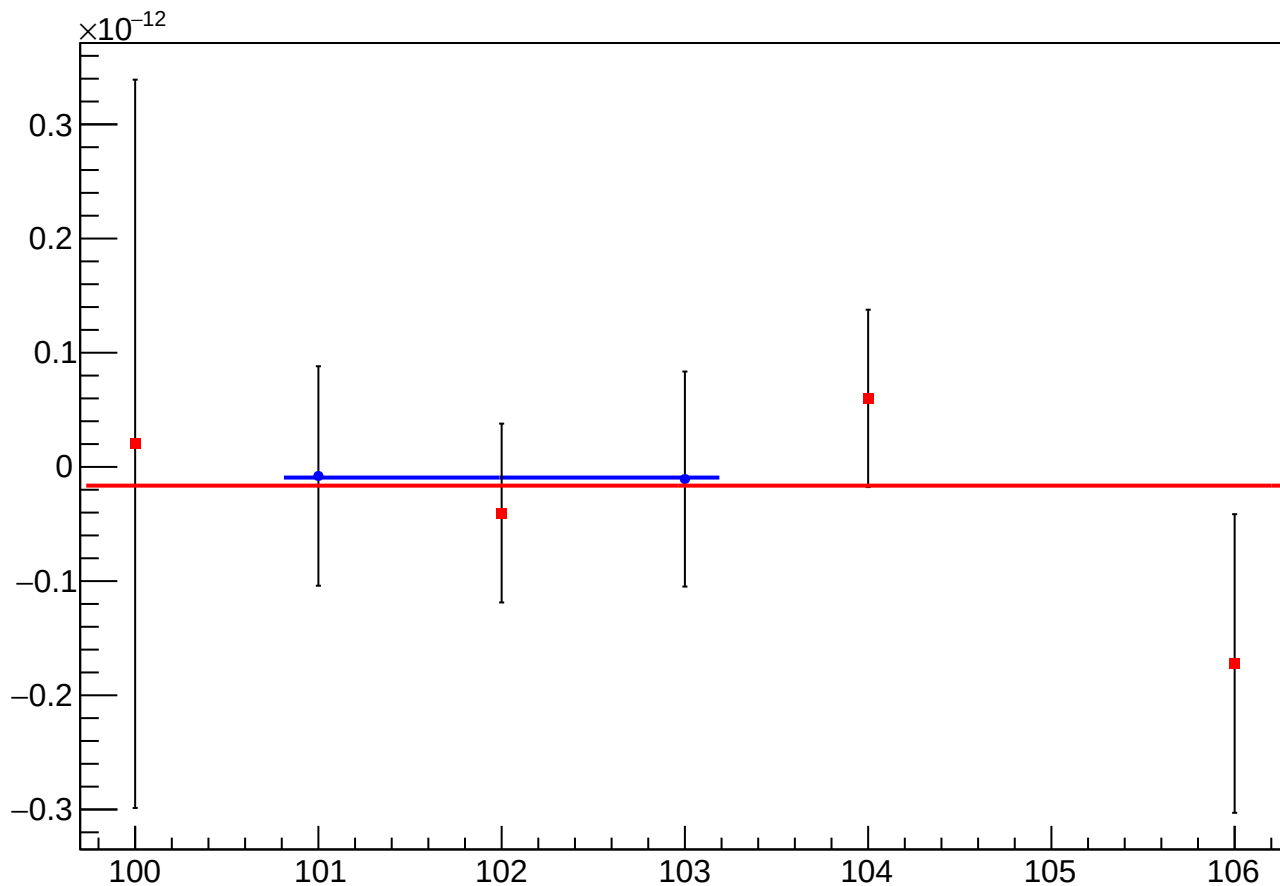
Right: 187.801+/-0.103 χ^2/NDF : 1351239.3/5

In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.801+/-0.103 χ^2/NDF : 1351239.3/5

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

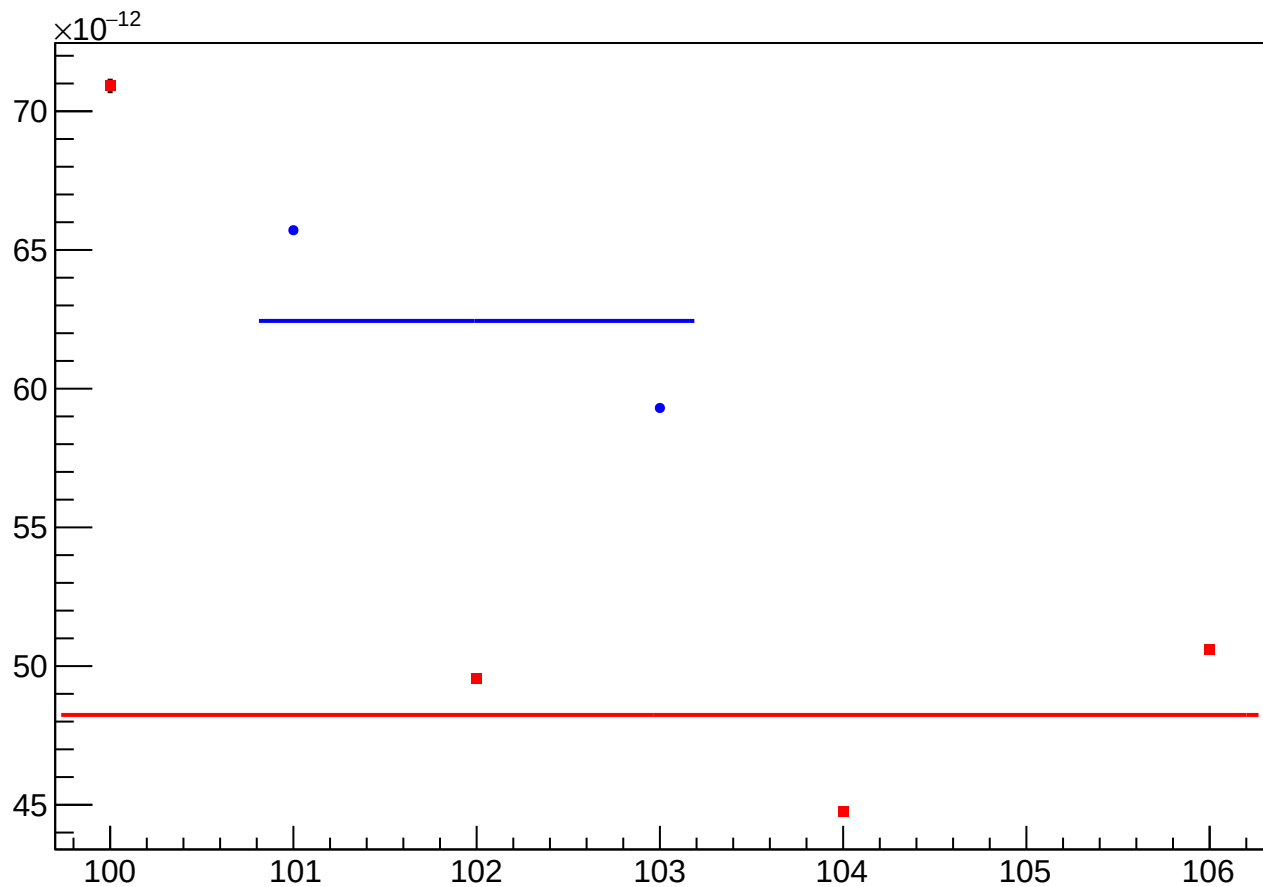
Right: -0.000+/-0.000 χ^2/NDF : 2.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.5/5

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4535.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15325.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

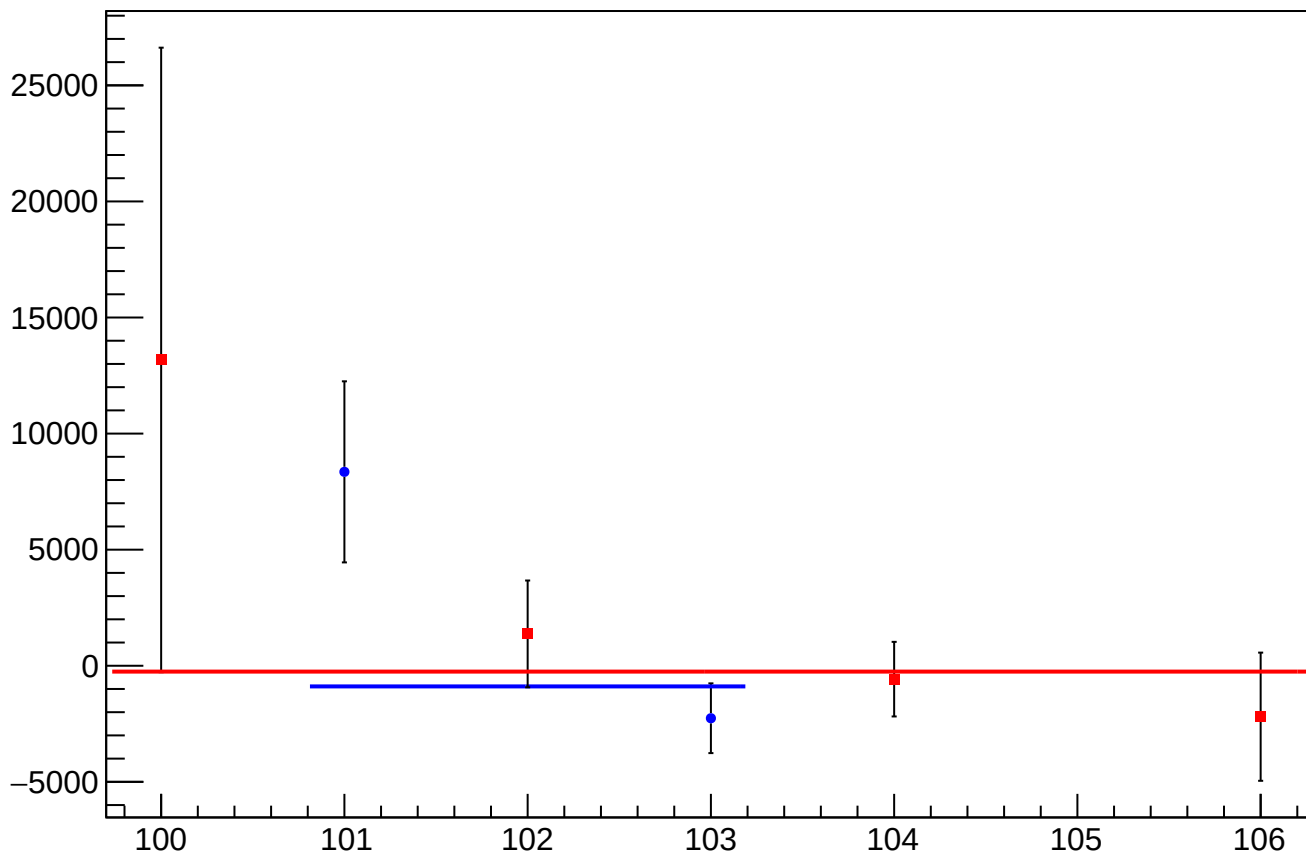
Right: 0.000+/-0.000 χ^2/NDF : 77151.4/5

In: 0.000+/-0.000 χ^2/NDF : 4535.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 77151.4/5

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.636+/-1184.131 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

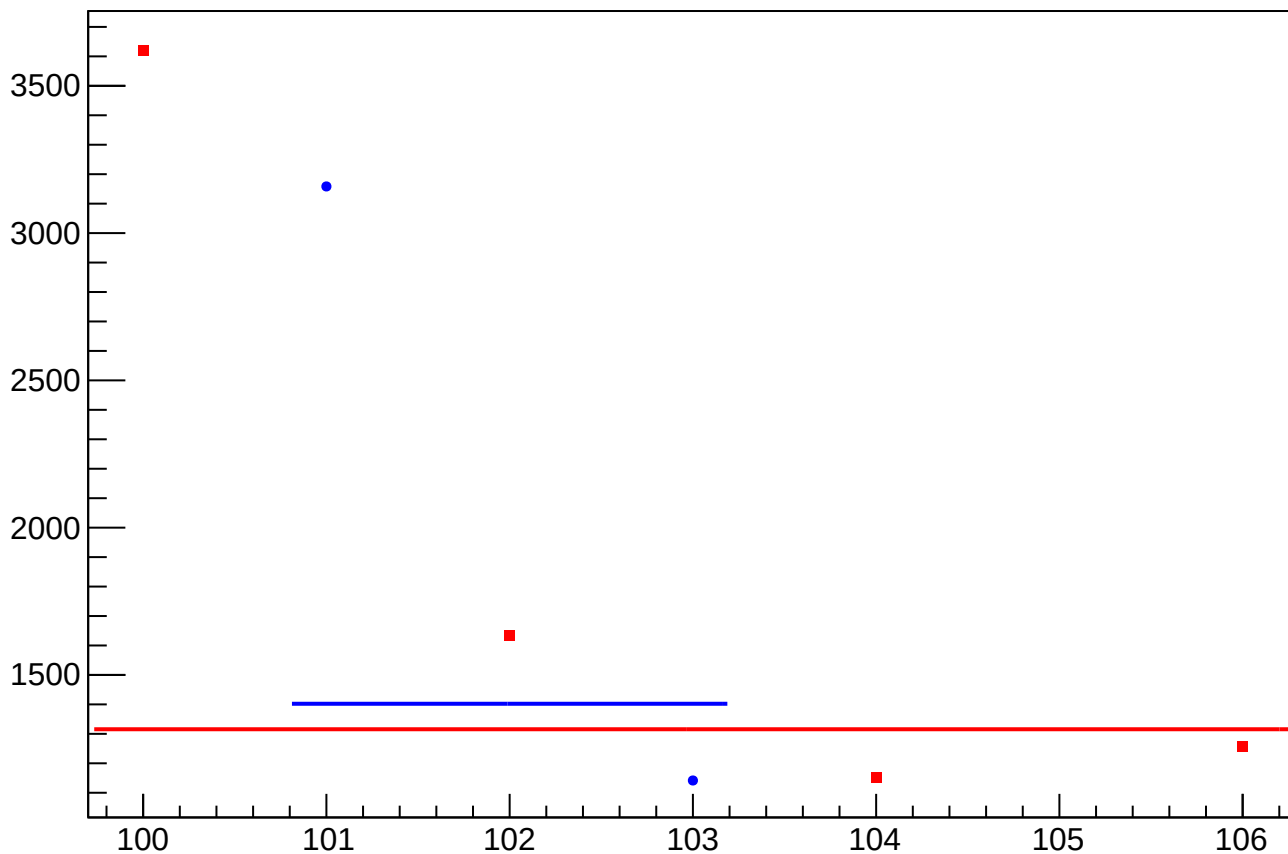
Right: -517.387+/-904.543 χ^2/NDF : 8.6/5

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.387+/-904.543 χ^2/NDF : 8.6/5

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.599+/-0.825 χ^2/NDF : 119131.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

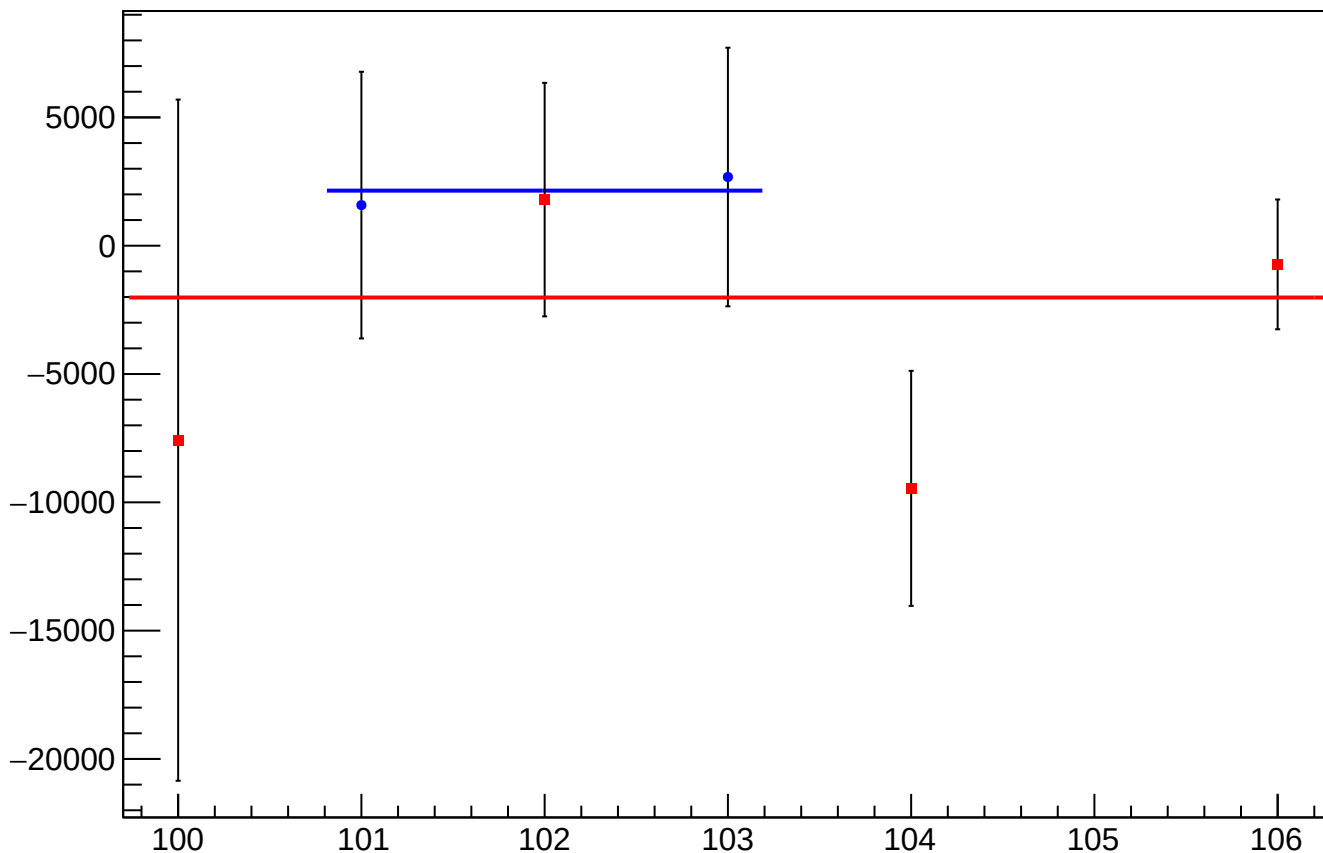
Right: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2018.803+/-1968.636 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

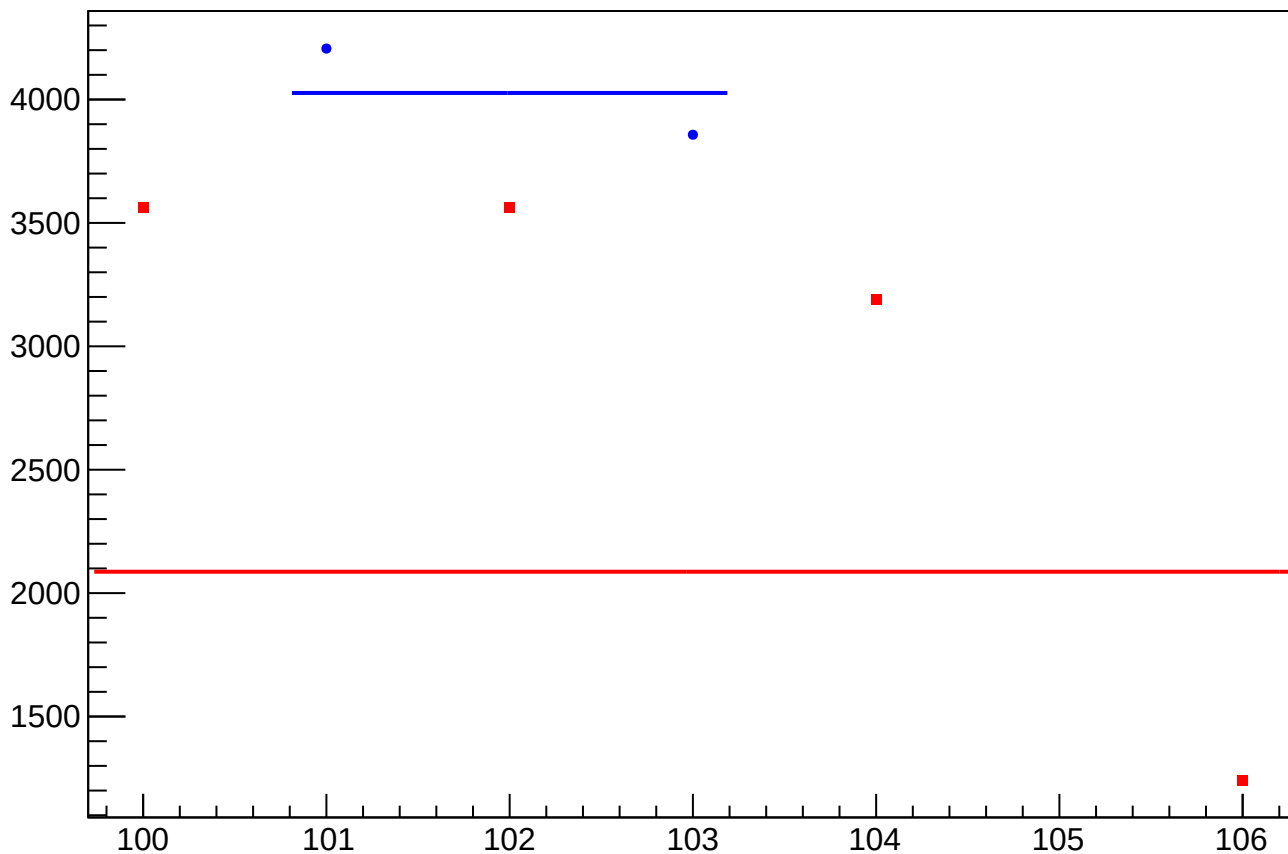
Right: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2086.688+/-1.392 χ^2/NDF : 574326.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

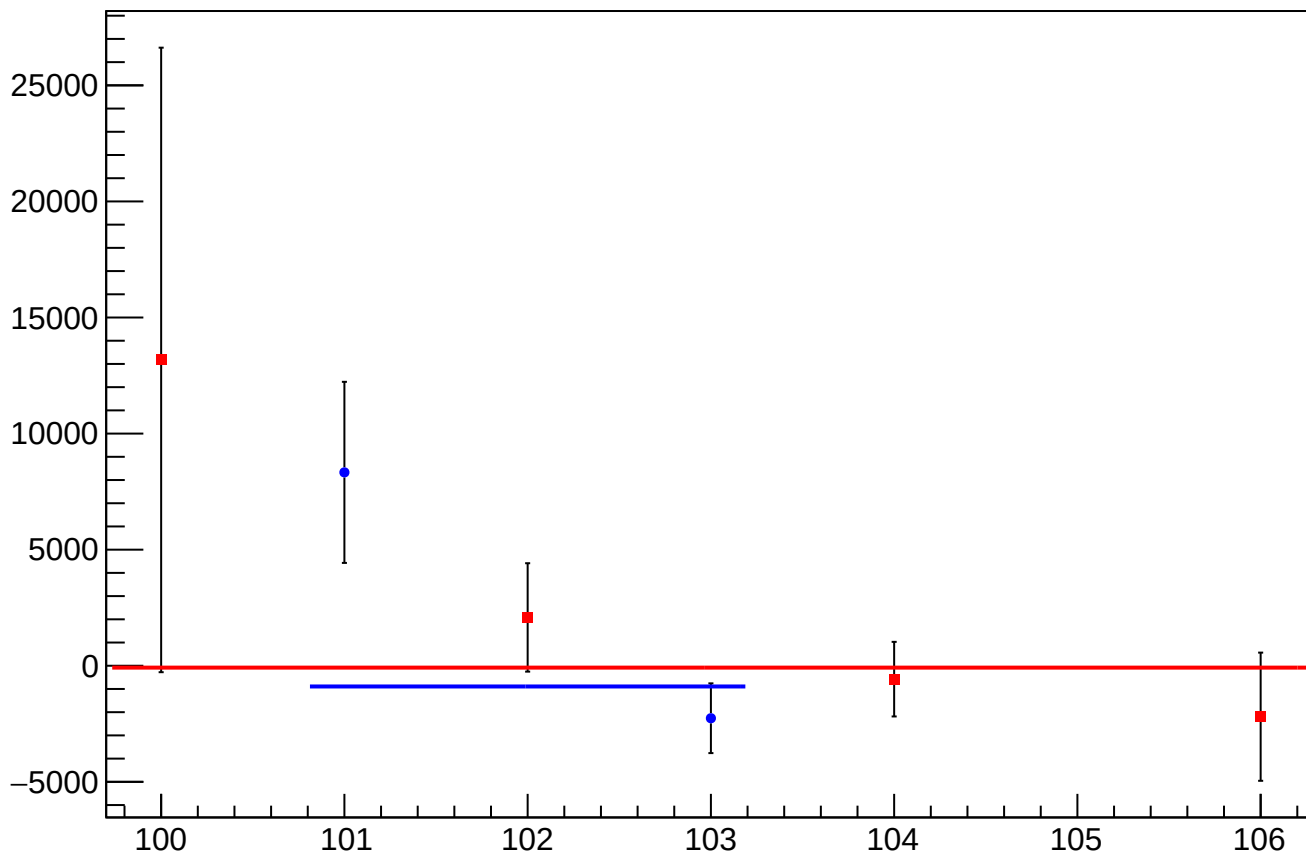
Right: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

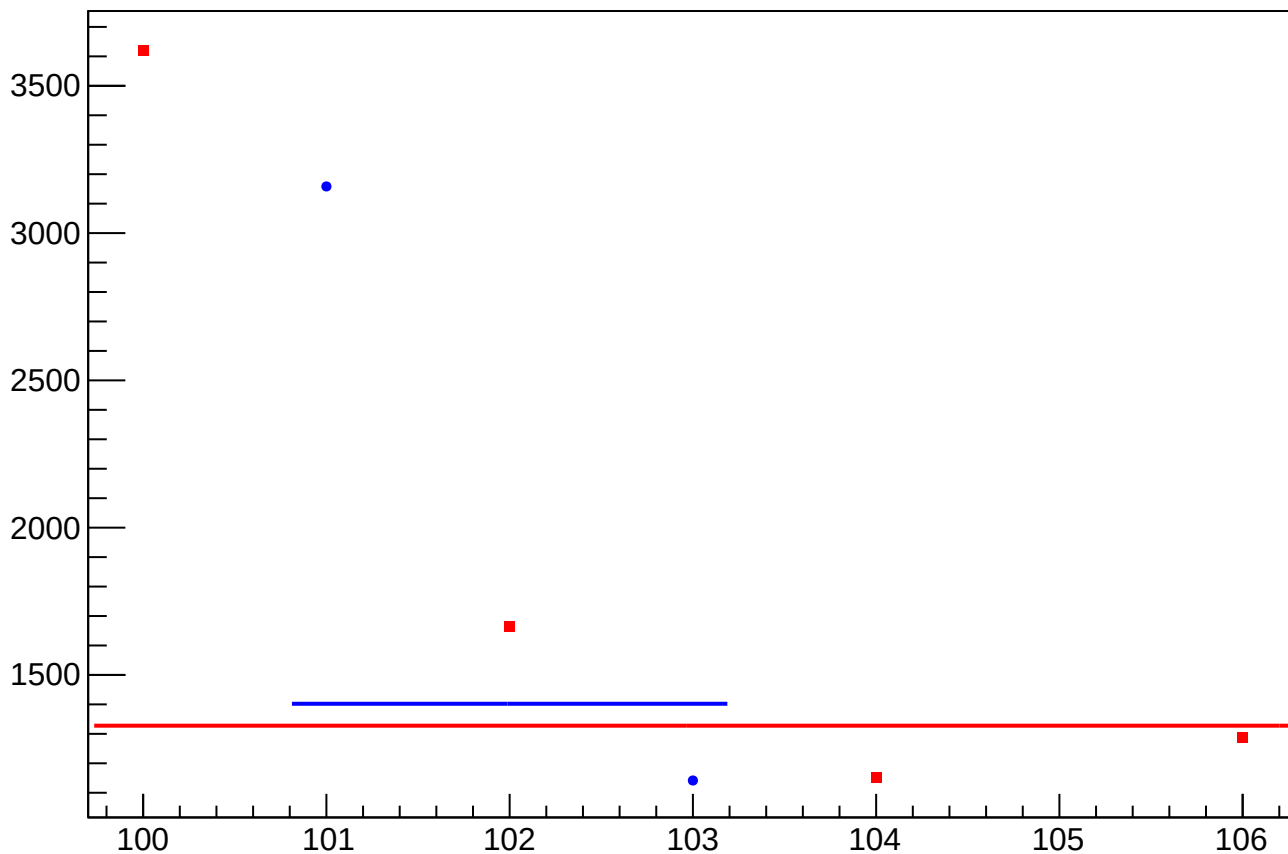
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.700+/-0.831 χ^2/NDF : 124900.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

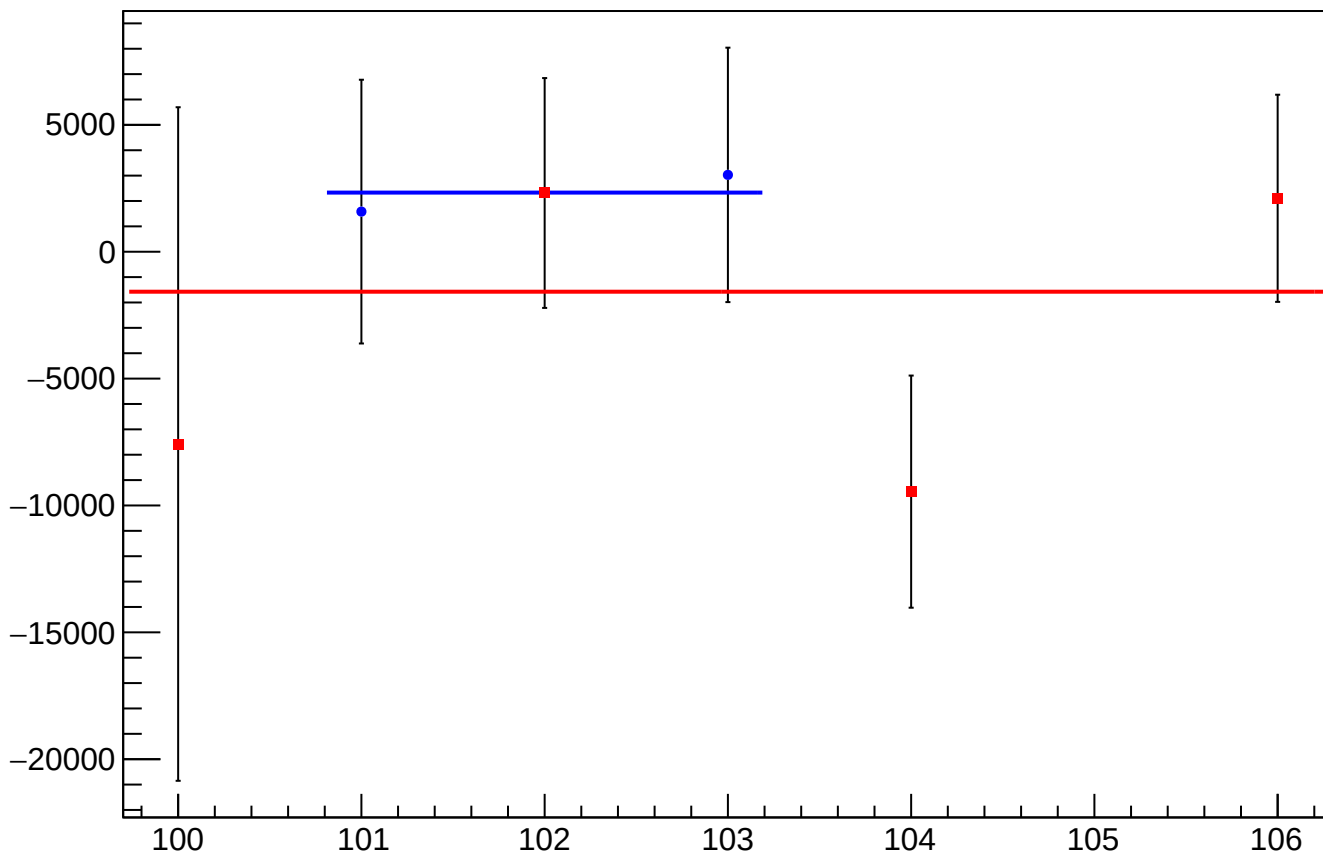
Right: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

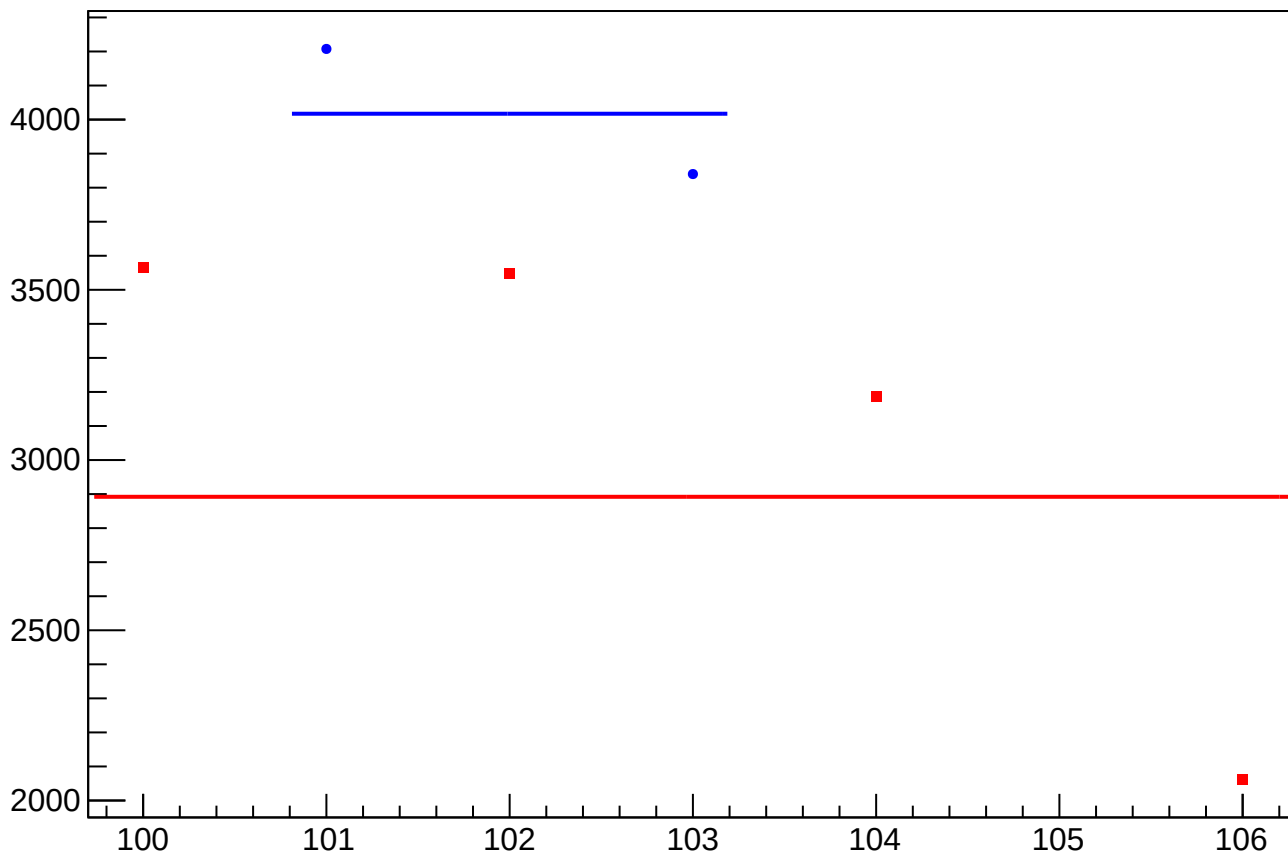
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.050+/-1.756 χ^2/NDF : 138425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

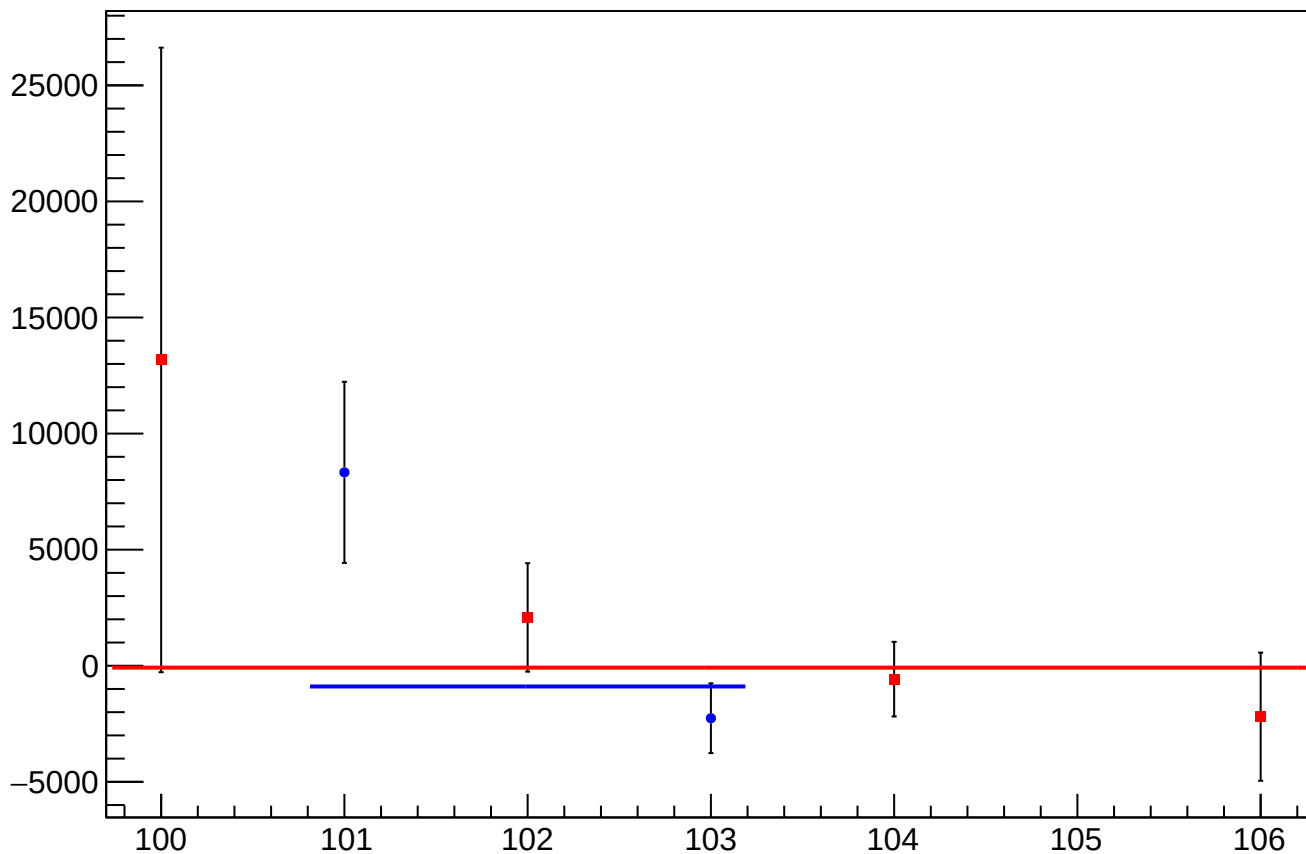
Right: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

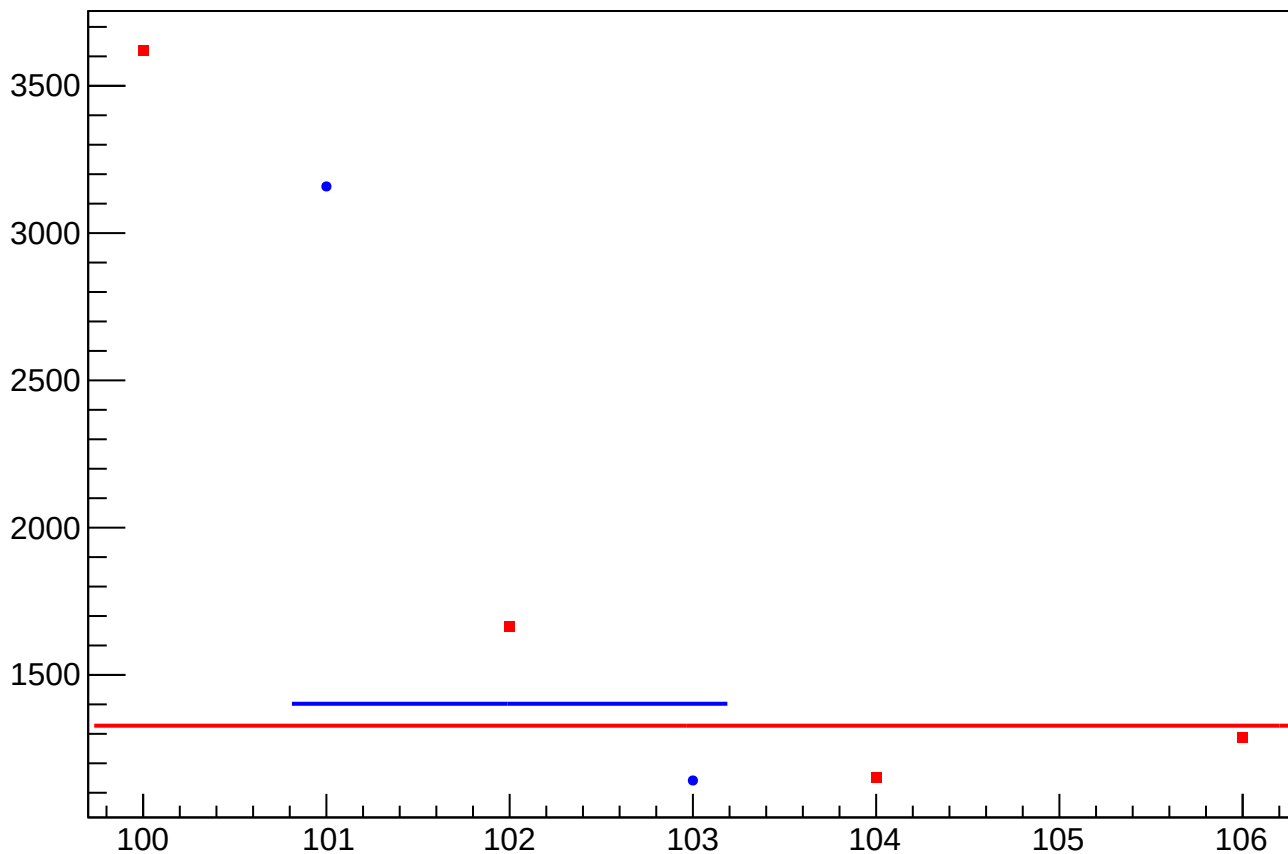
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.700+/-0.831 χ^2/NDF : 124900.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

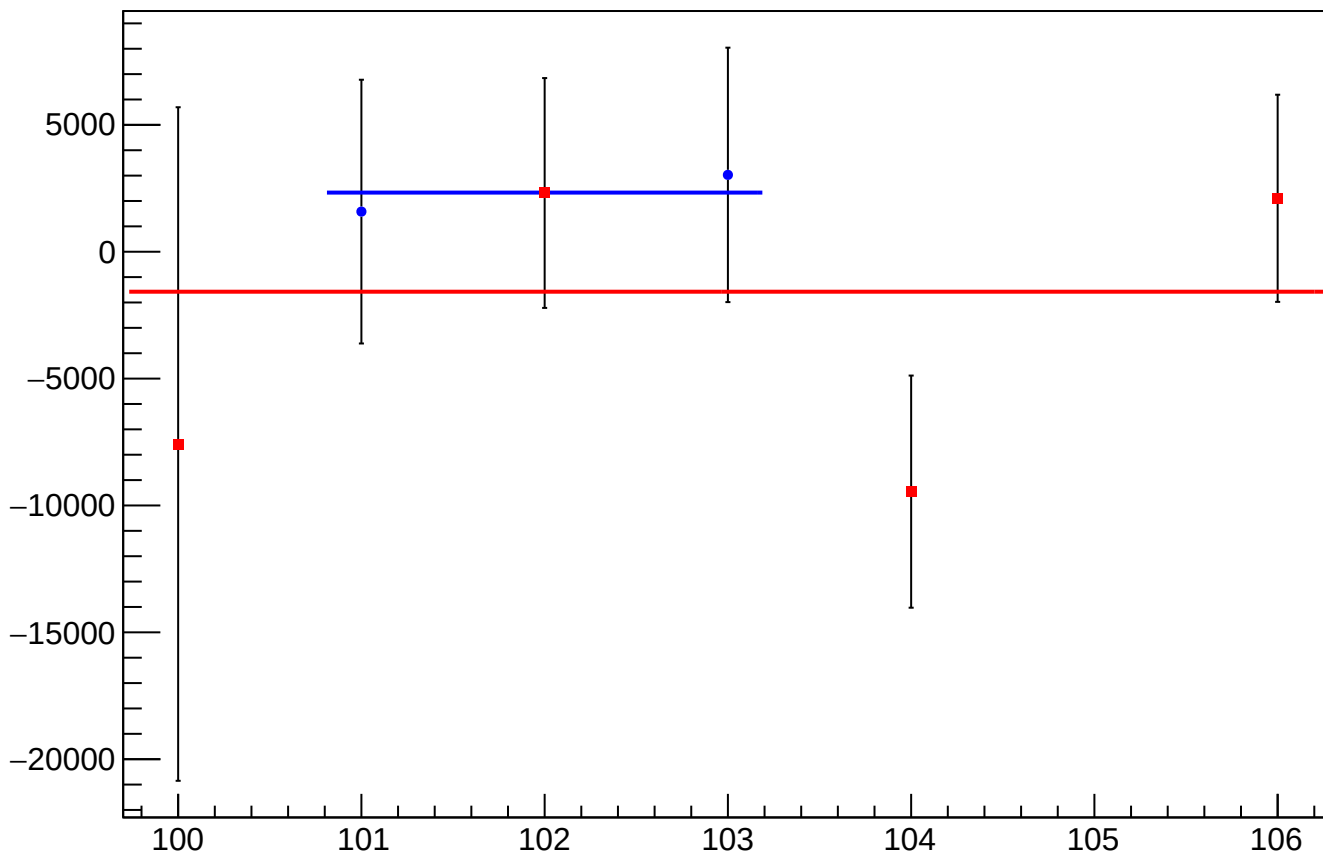
Right: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

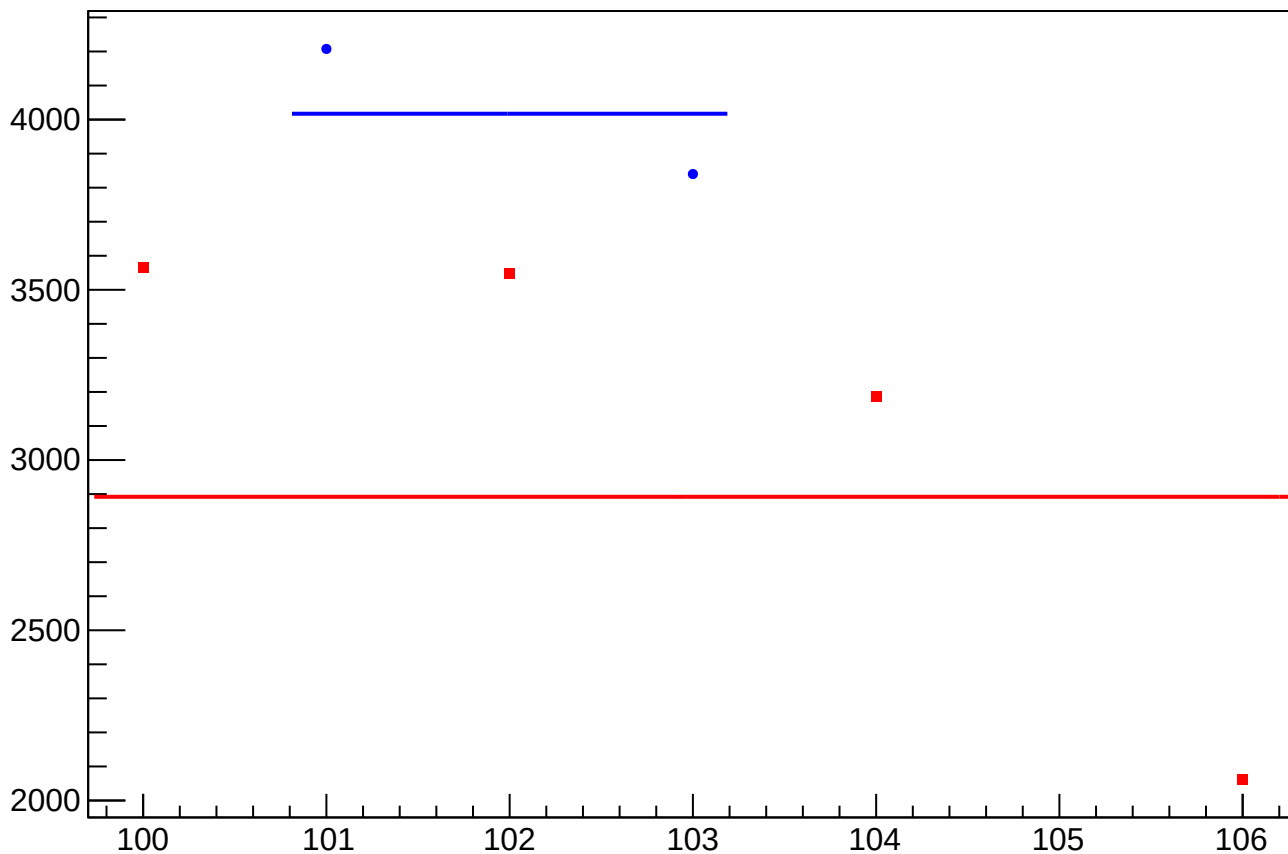
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.050+/-1.756 χ^2/NDF : 138425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

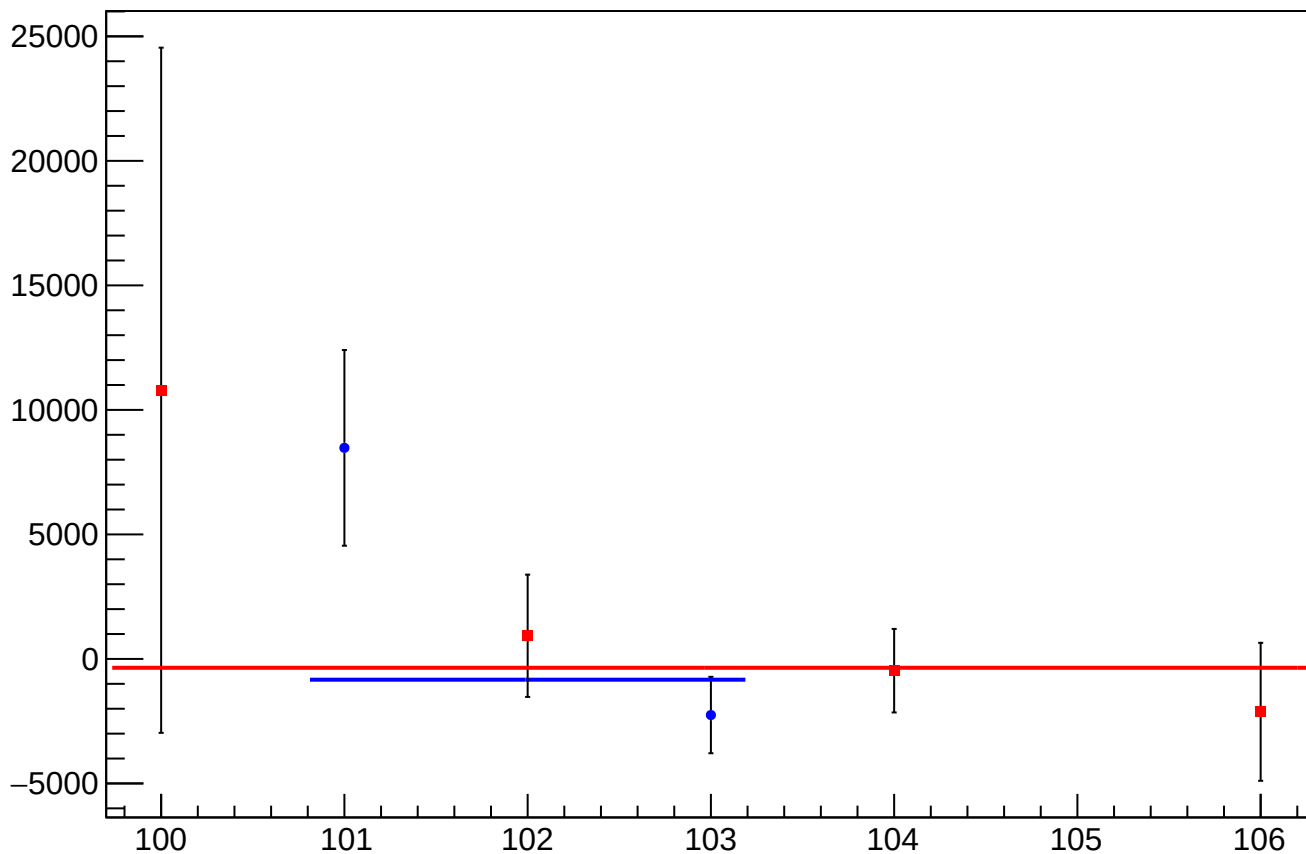
Right: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.106+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

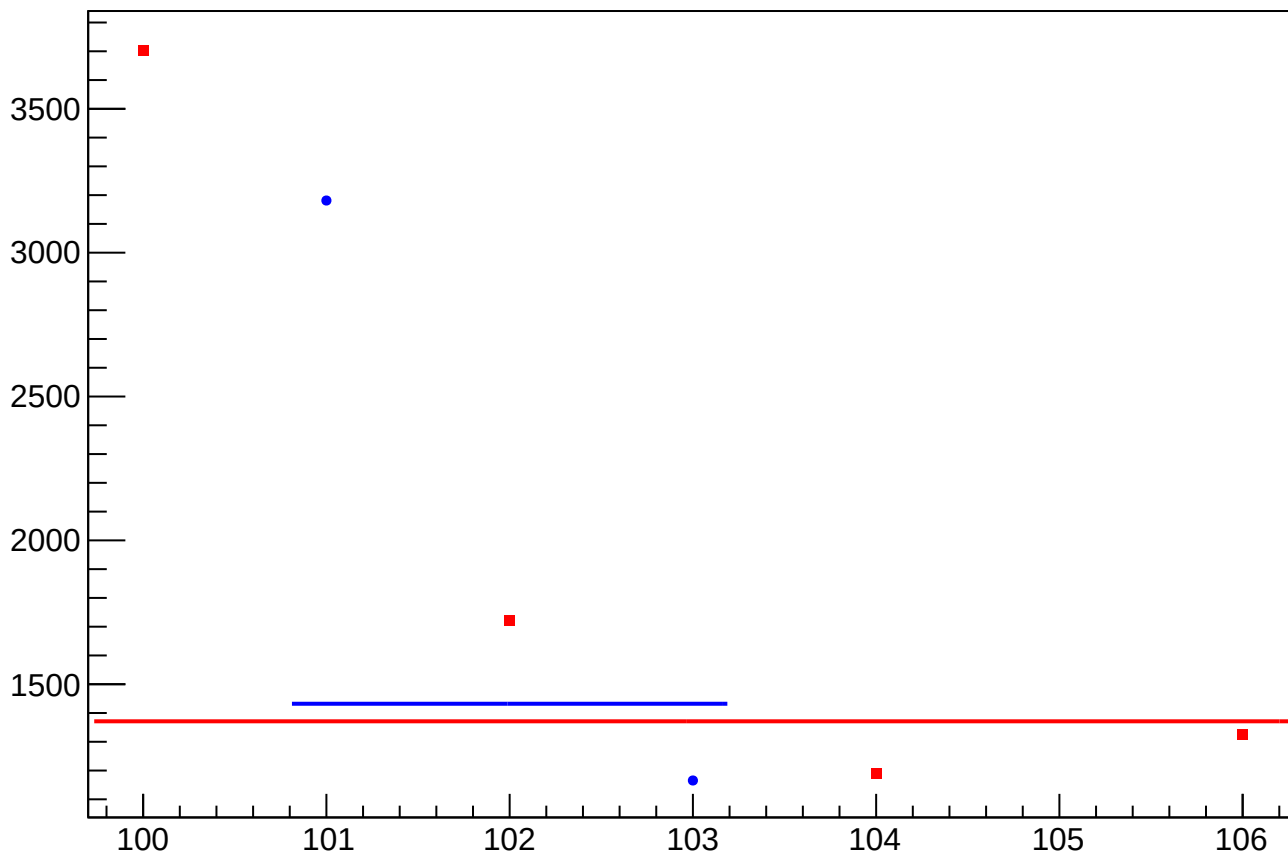
Right: -559.519+/-933.974 χ^2/NDF : 7.9/5

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.519+/-933.974 χ^2/NDF : 7.9/5

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.132+/-0.868 χ^2/NDF : 121981.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

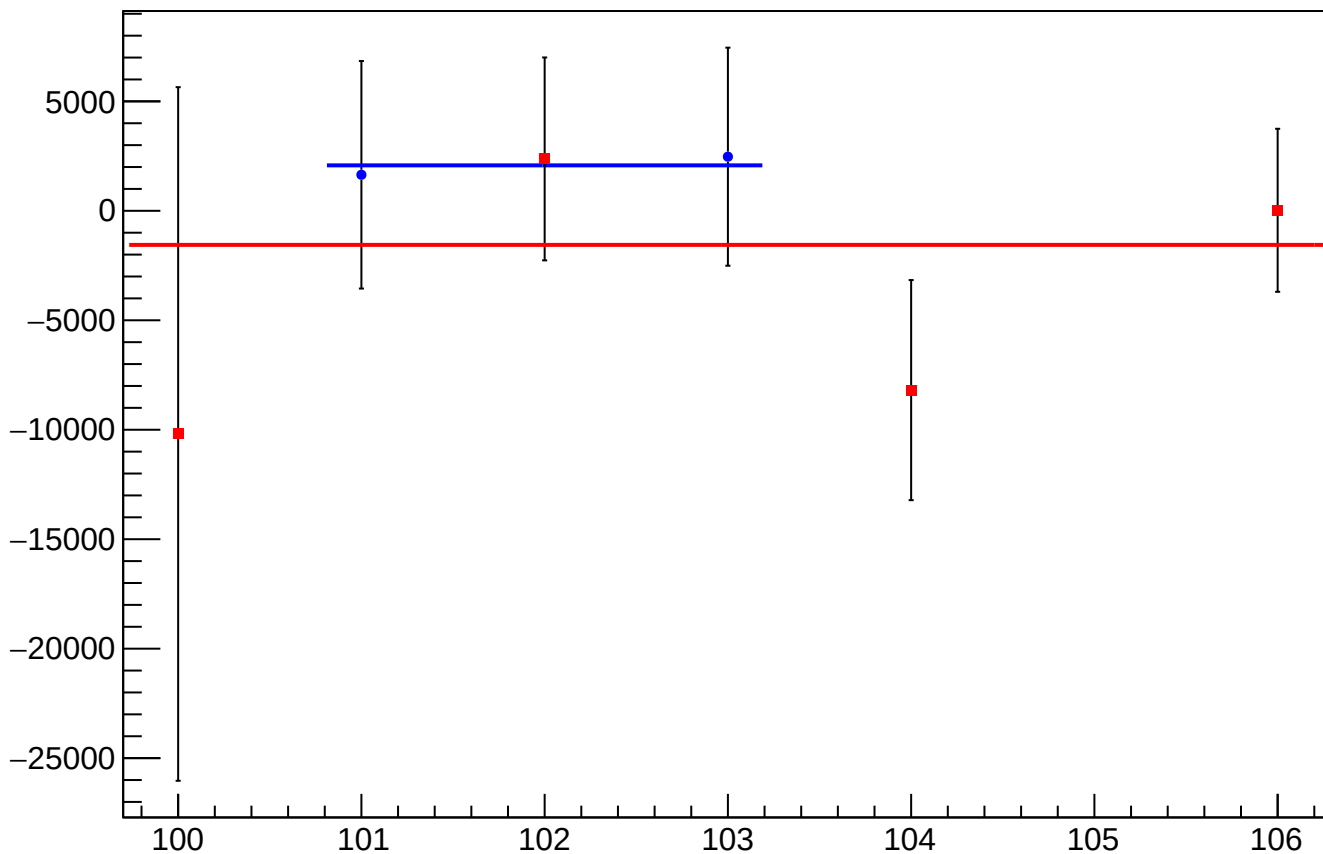
Right: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1556.399+/-2482.441 χ^2 /NDF: 2.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

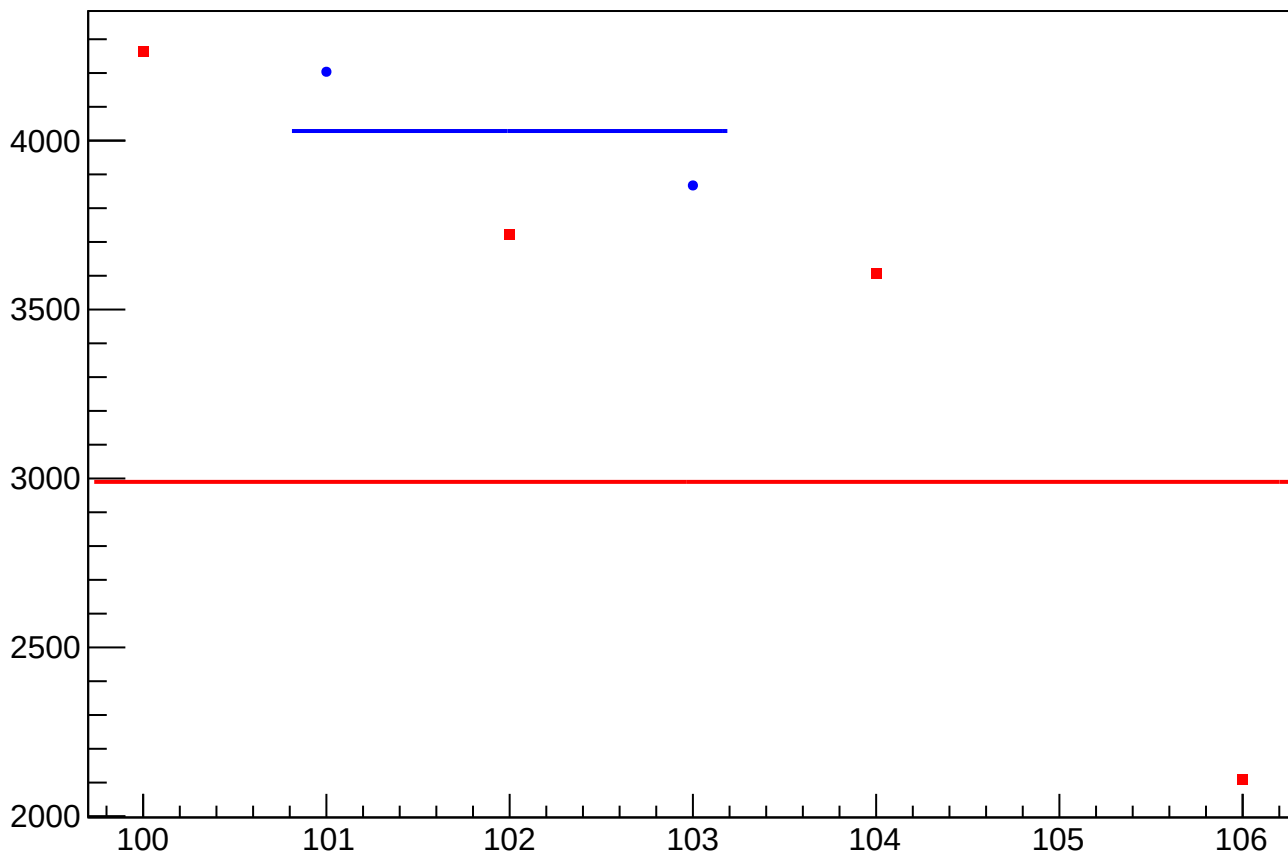
Right: -383.654+/-2042.812 χ^2 /NDF: 3.6/5

In: 2076.324+/-3595.363 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -383.654+/-2042.812 χ^2 /NDF: 3.6/5

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2989.981+/-1.755 χ^2/NDF : 205375.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

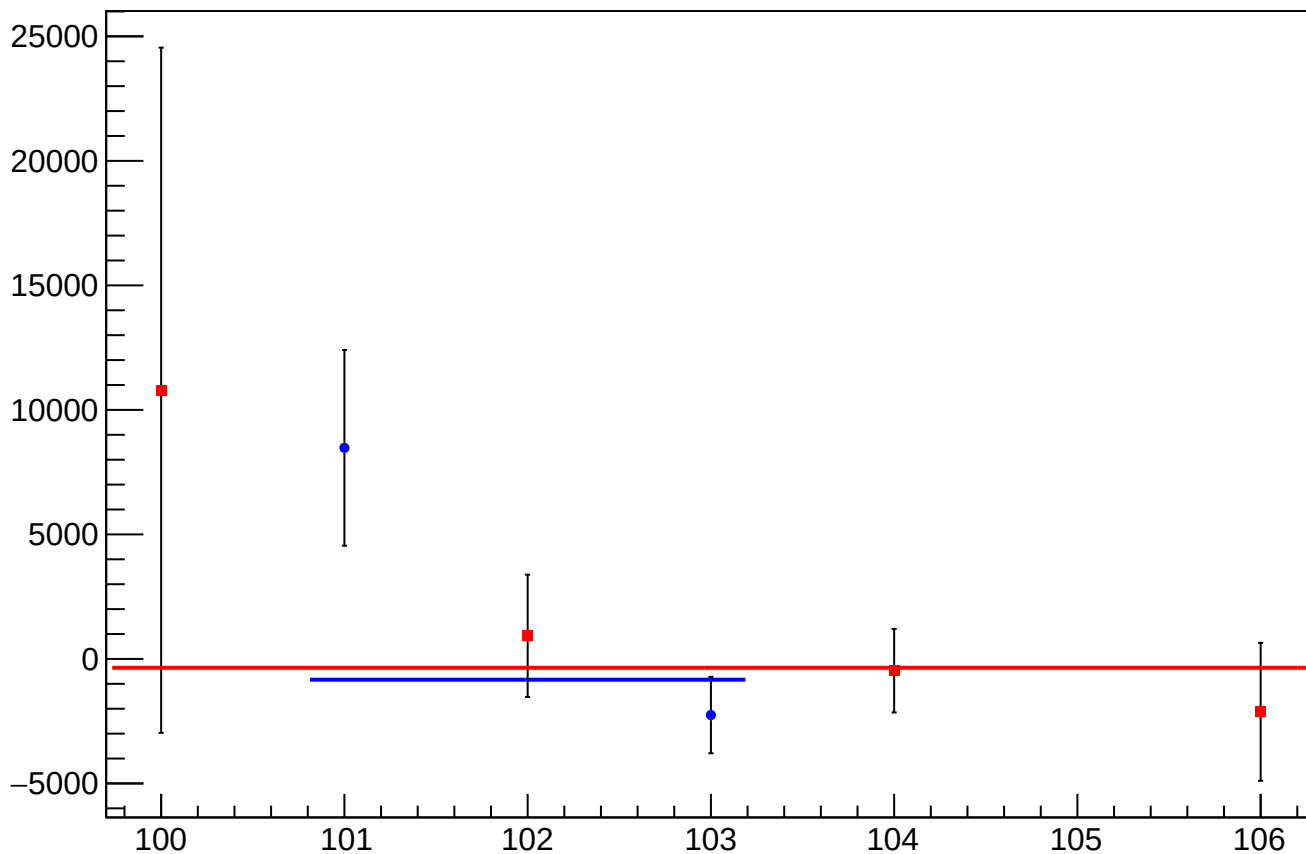
Right: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.116+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

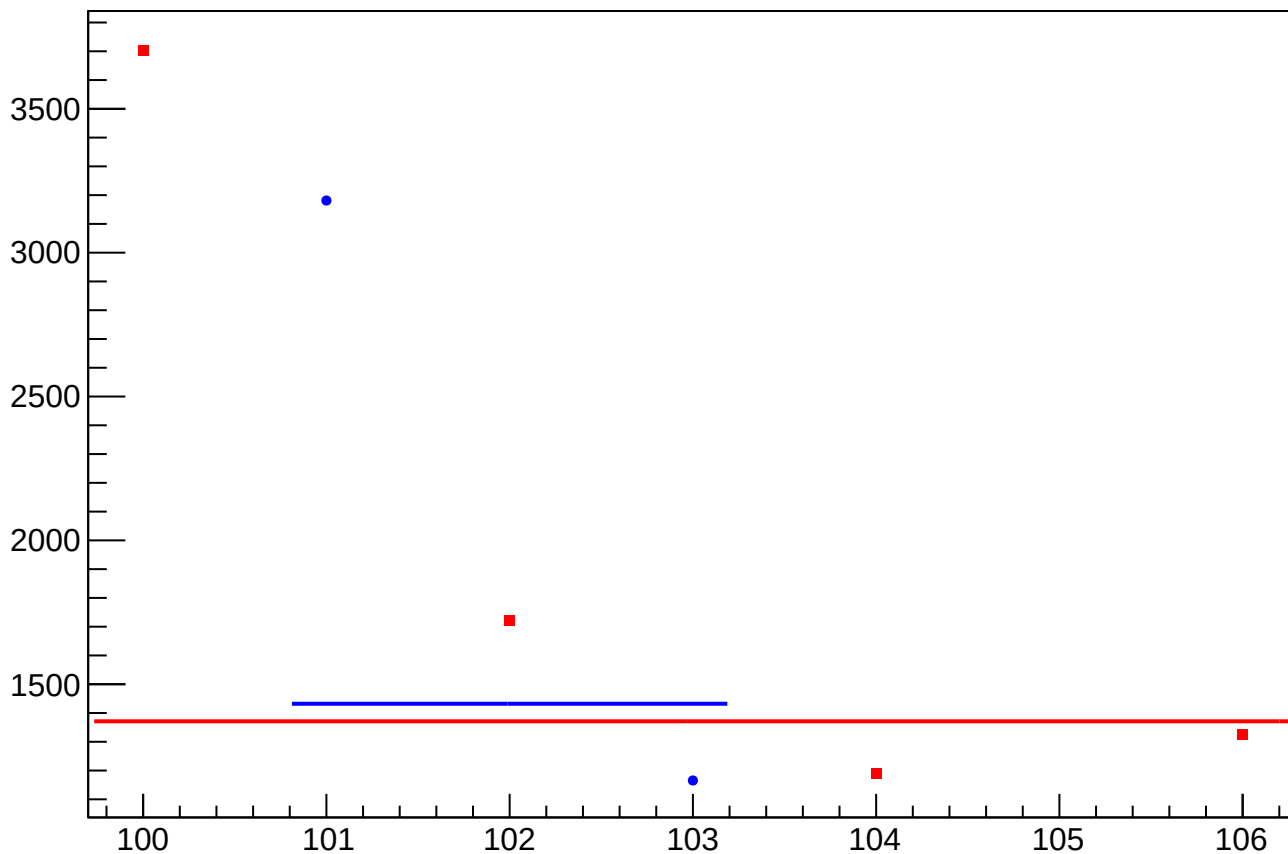
Right: -559.525+/-933.974 χ^2/NDF : 7.9/5

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.525+/-933.974 χ^2/NDF : 7.9/5

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.131+/-0.868 χ^2/NDF : 121981.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

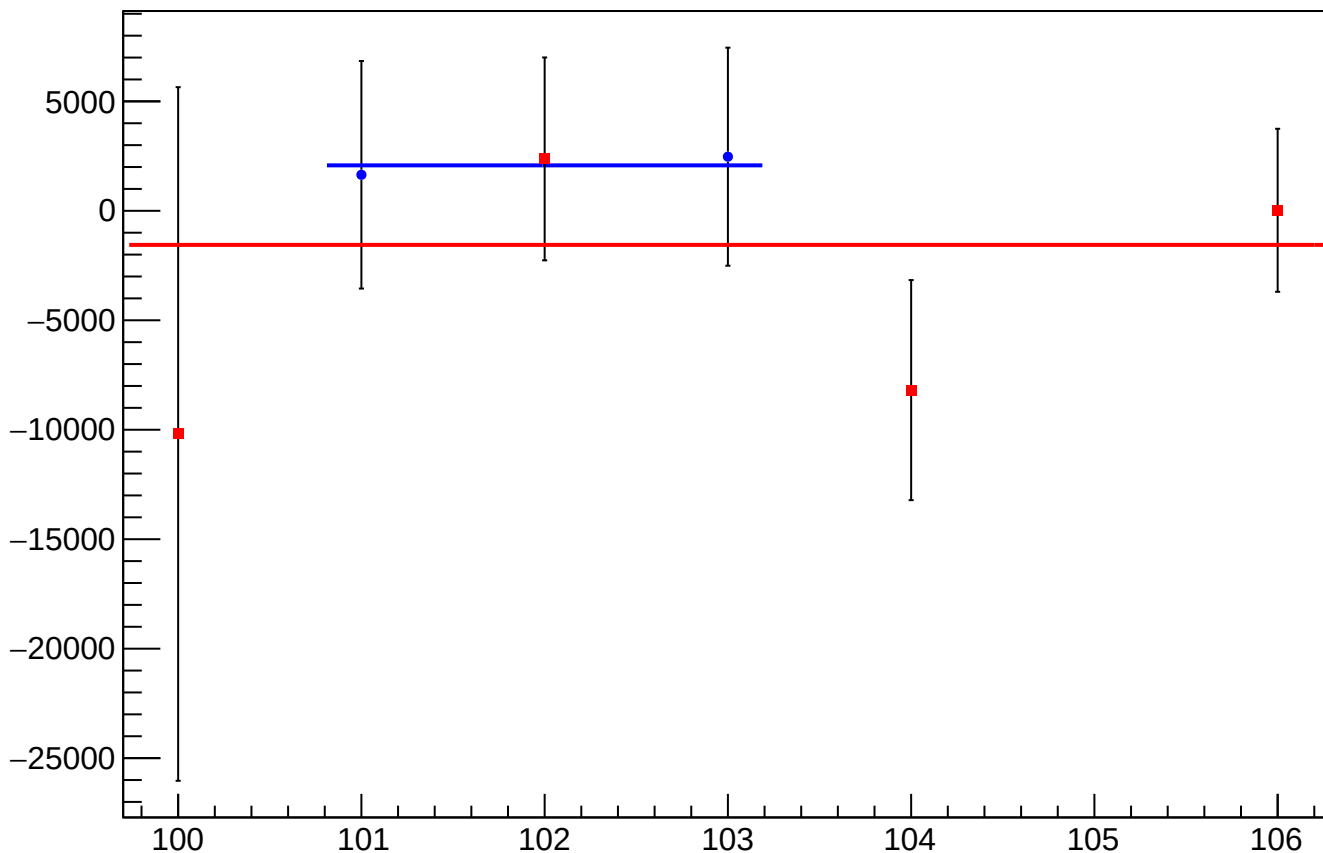
Right: 1397.045+/-0.659 χ^2/NDF : 580863.1/5

In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.045+/-0.659 χ^2/NDF : 580863.1/5

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.408+/-2482.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

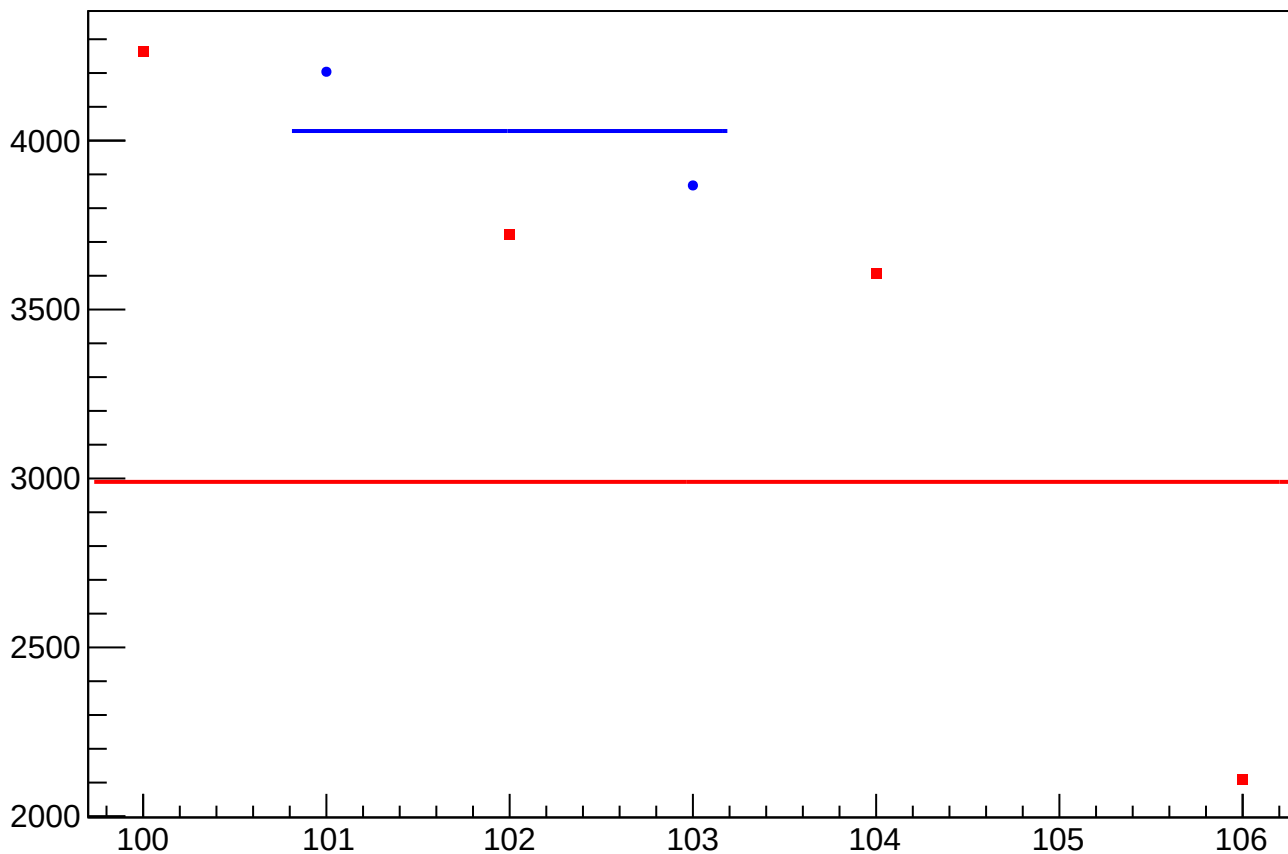
Right: -383.659+/-2042.812 χ^2/NDF : 3.6/5

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.659+/-2042.812 χ^2/NDF : 3.6/5

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2989.980+/-1.755 χ^2/NDF : 205377.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

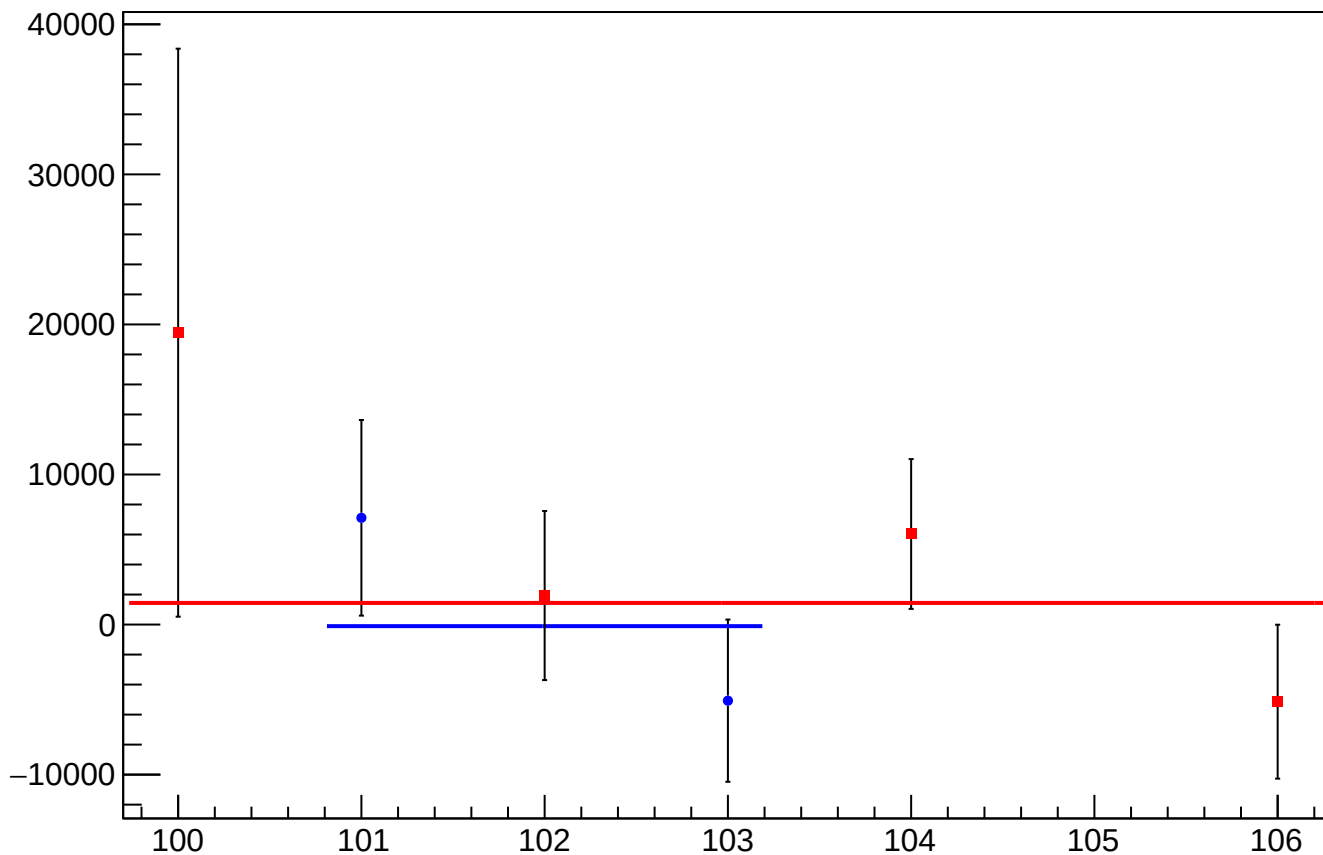
Right: 3325.205+/-1.444 χ^2/NDF : 322721.3/5

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.205+/-1.444 χ^2/NDF : 322721.3/5

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1441.510+/-2982.130 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

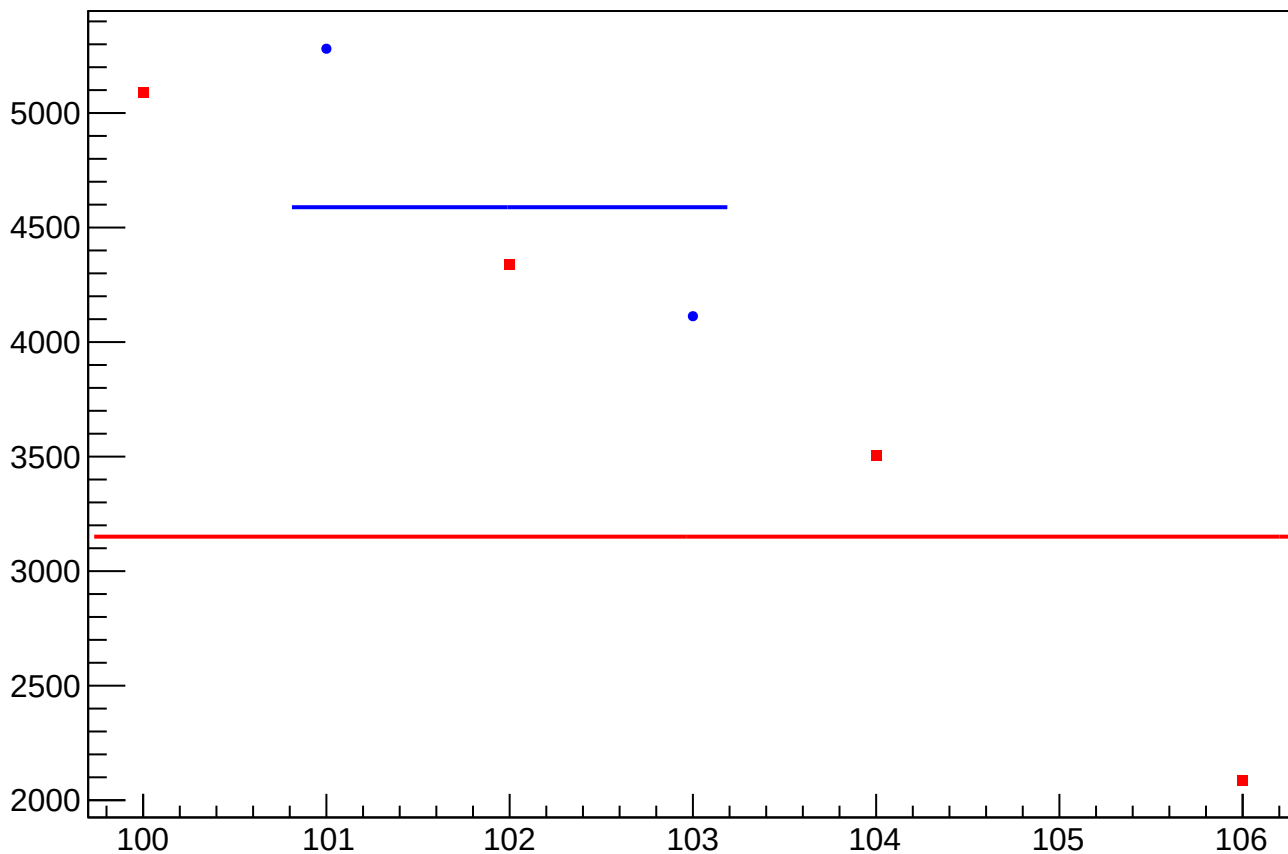
Right: 916.187+/-2423.880 χ^2/NDF : 5.6/5

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.187+/-2423.880 χ^2/NDF : 5.6/5

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3150.600+/-1.976 χ^2/NDF : 240758.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

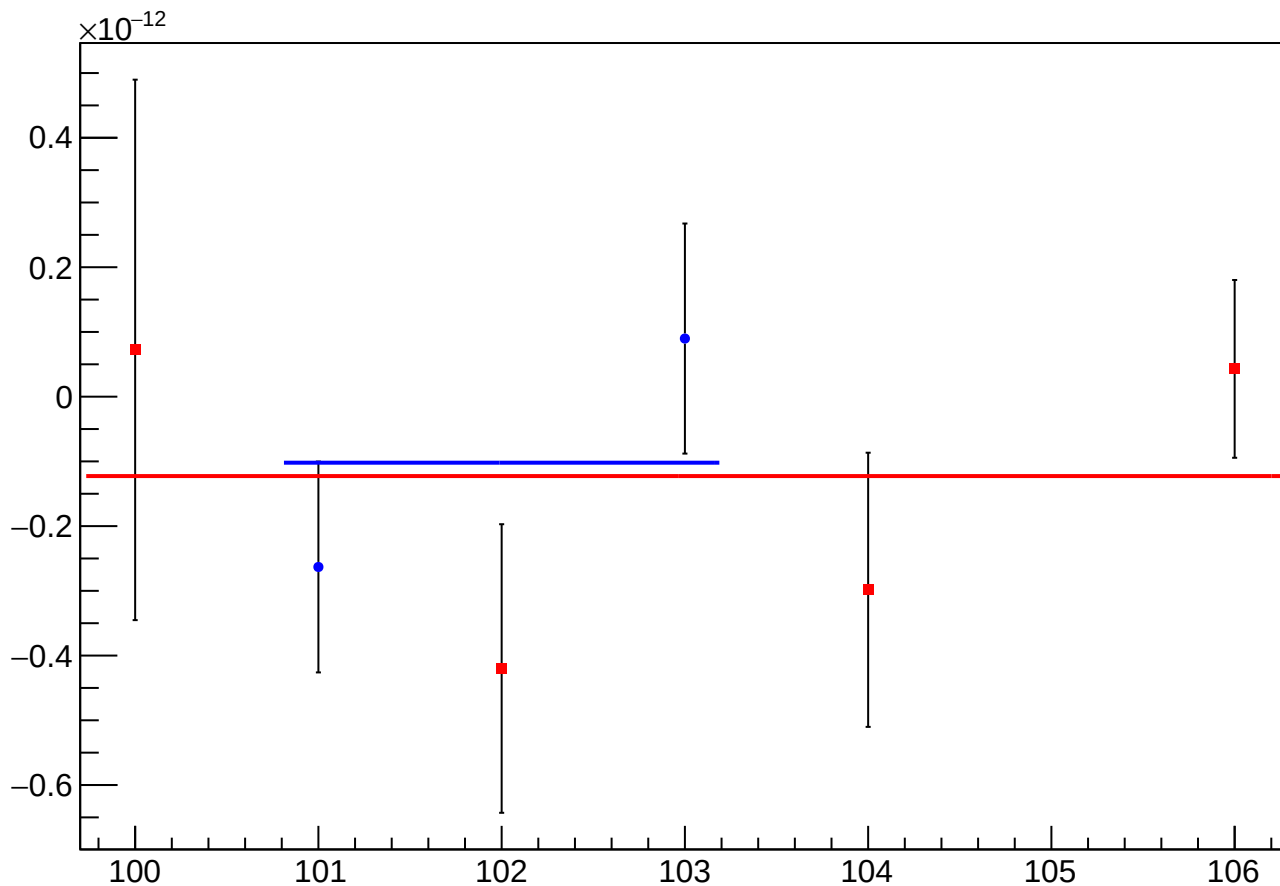
Right: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

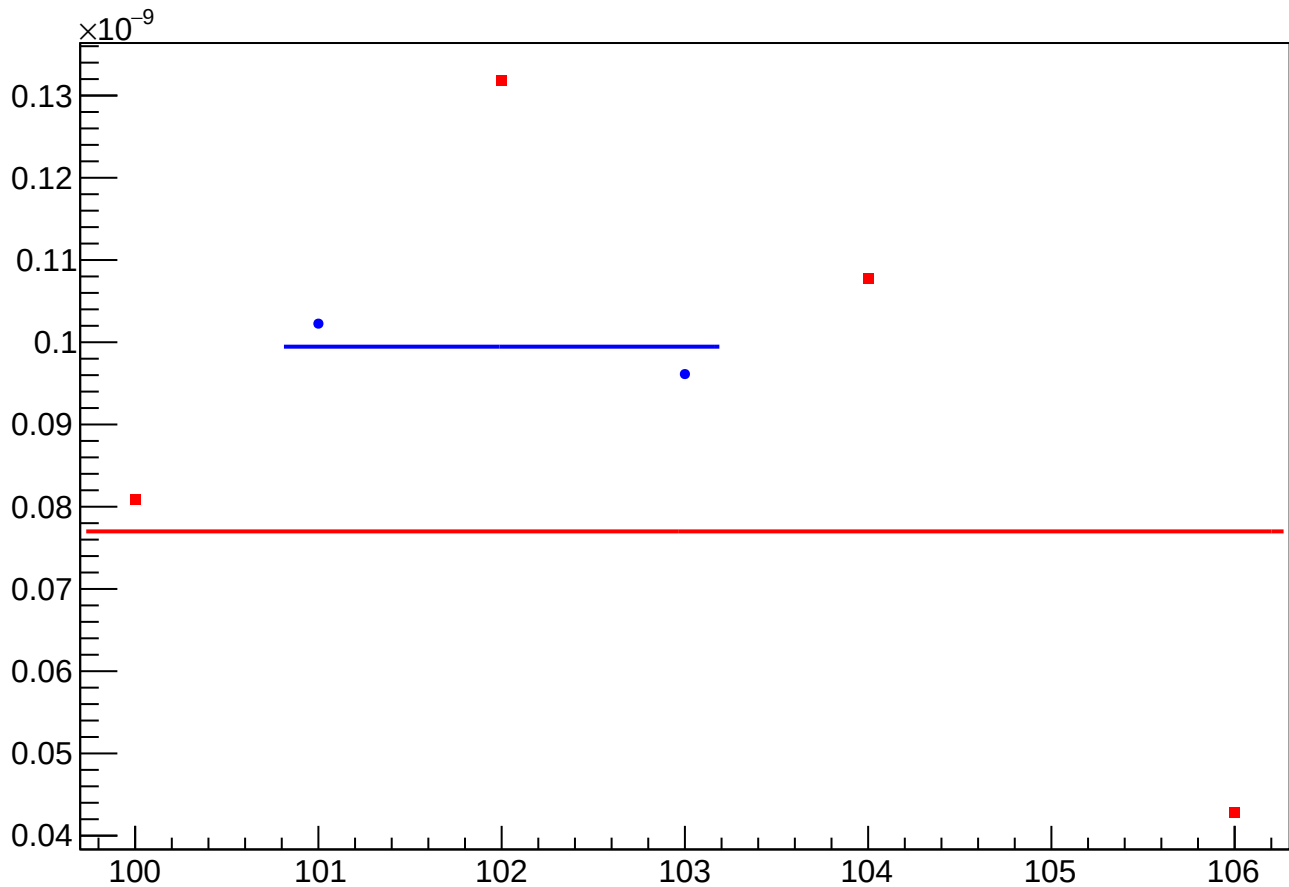
Right: -0.000+/-0.000 χ^2/NDF : 6.3/5

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/5

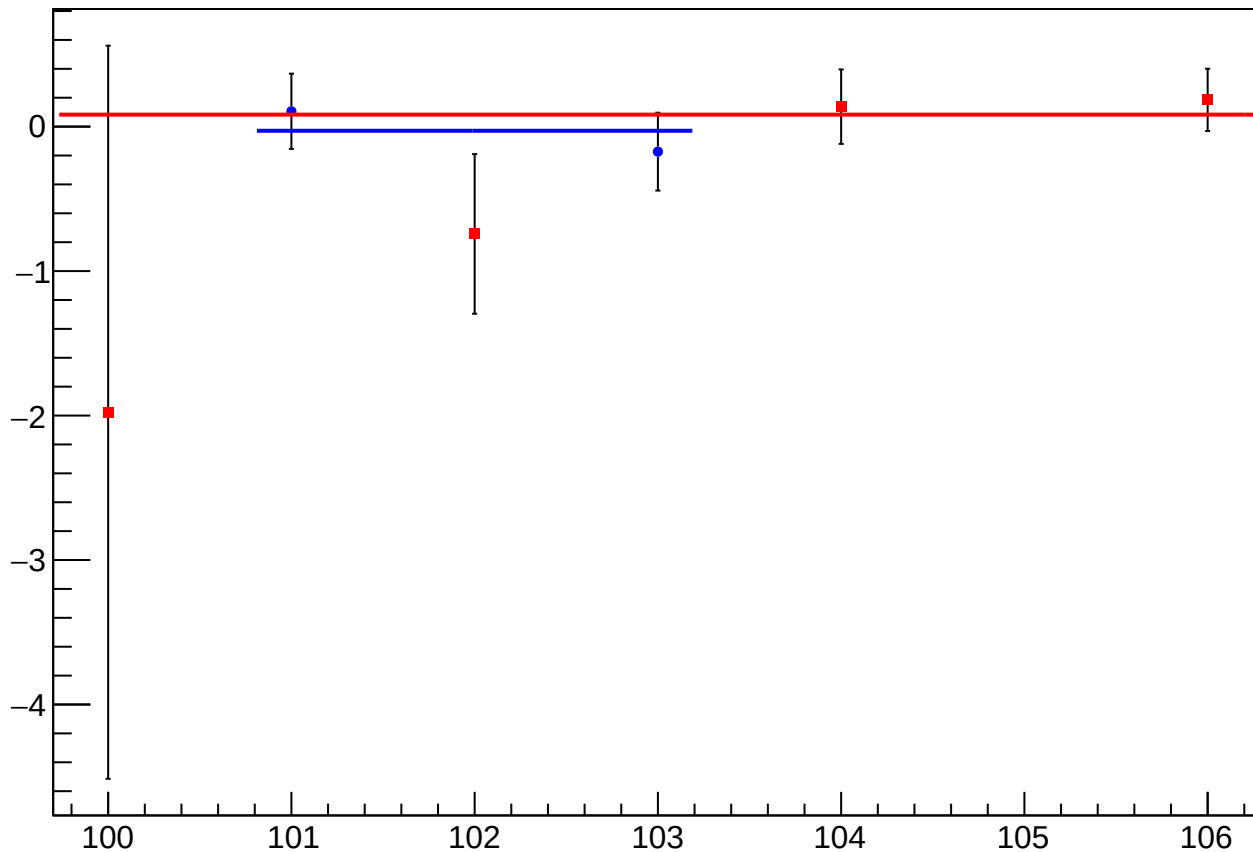
asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 286464.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 329279.9/5
 In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 329279.9/5

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

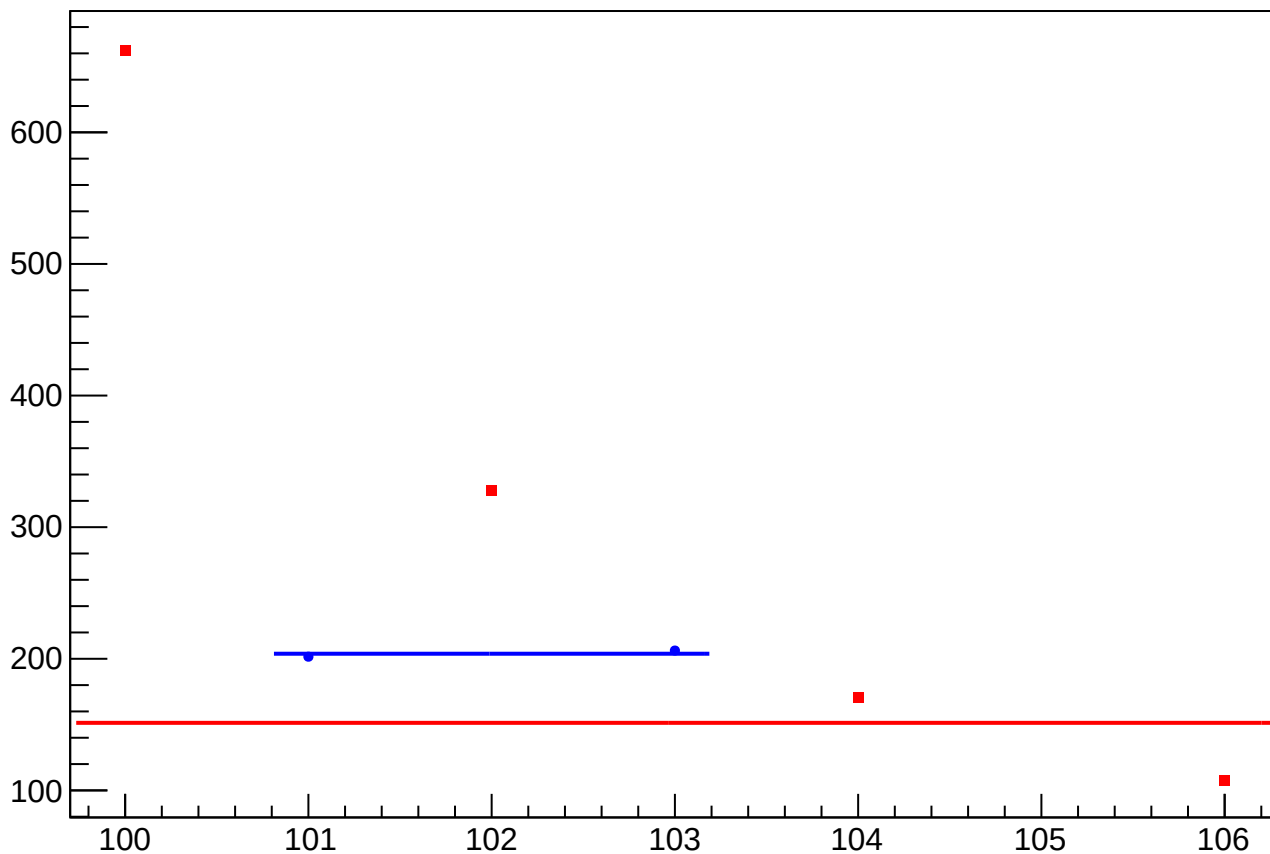
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 $\pm$ 0.132 χ^2 /NDF: 308.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.332 $\pm$ 0.112 χ^2 /NDF: 379480.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

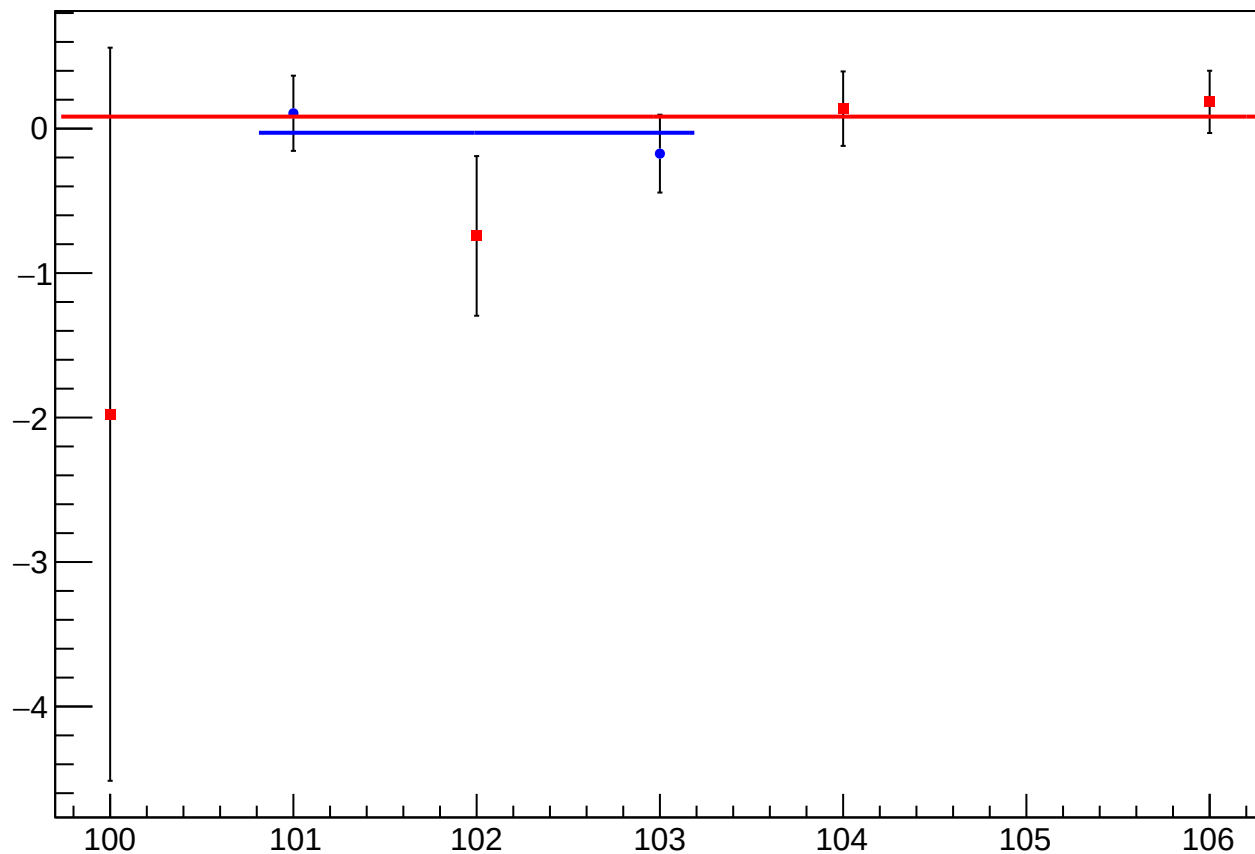
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471649.8/5

In: 203.843 $\pm$ 0.132 χ^2 /NDF:308.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471649.8/5

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

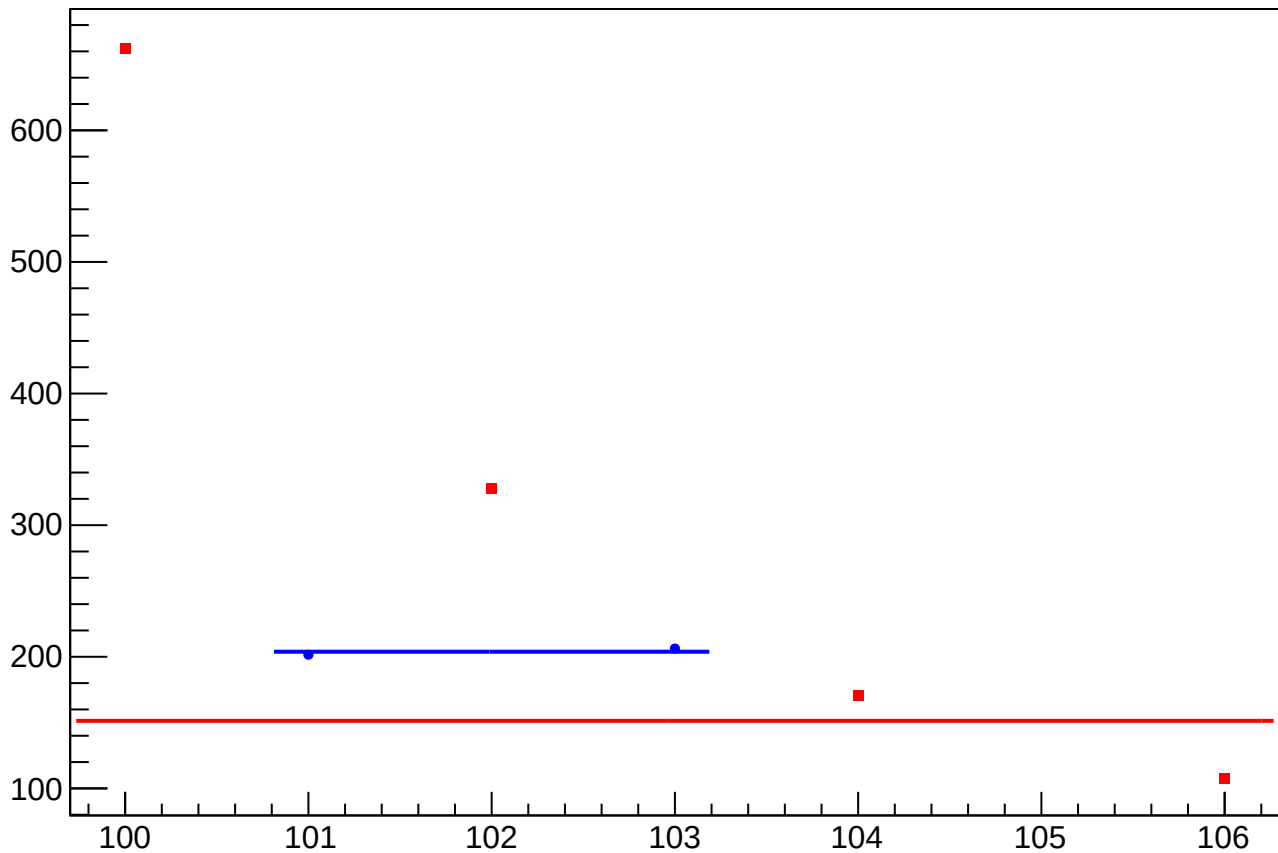
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 ± 0.132 $\chi^2/\text{NDF}: 308.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 151.332 ± 0.112 $\chi^2/\text{NDF}: 379480.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

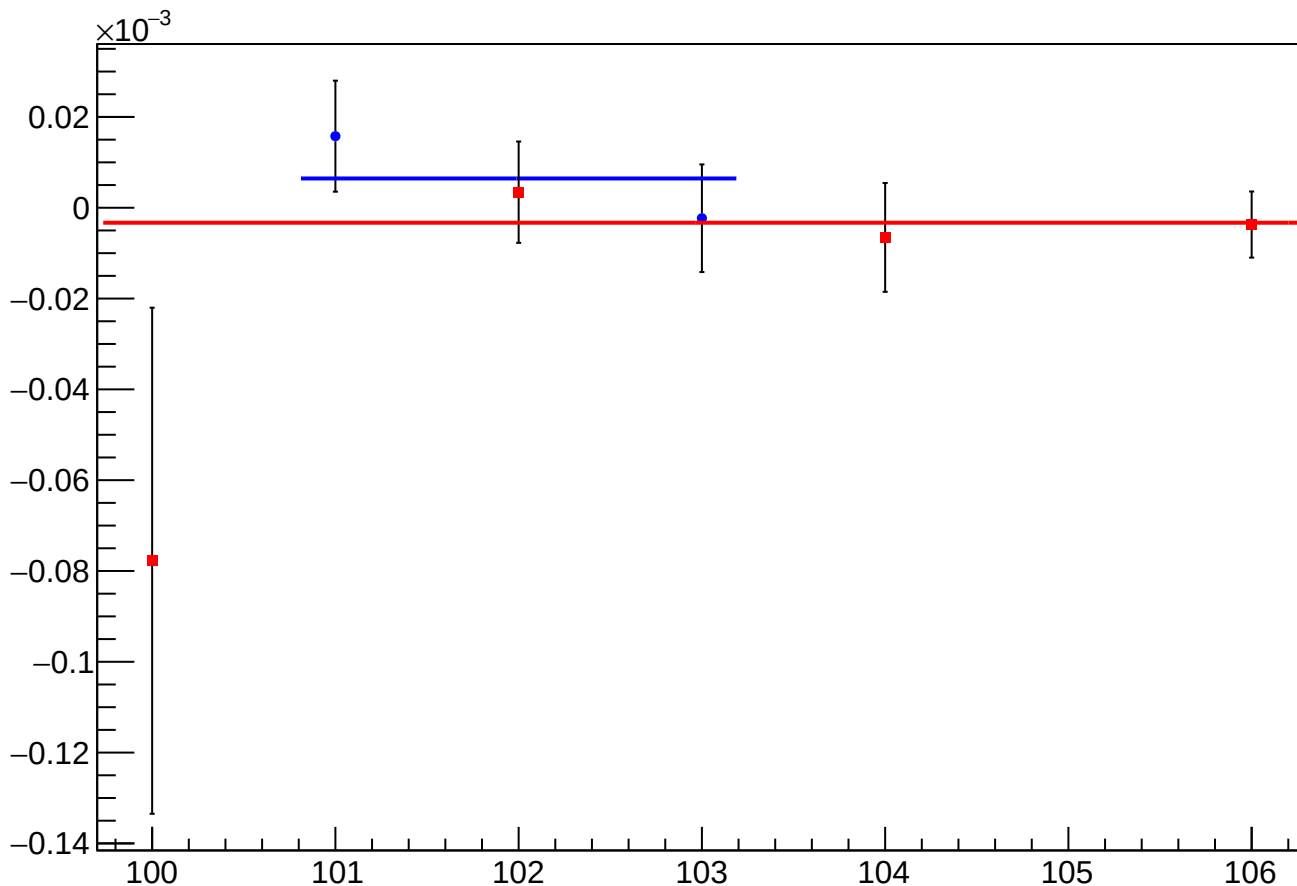
Right: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471649.8/5$

In: 203.843 ± 0.132 $\chi^2/\text{NDF}: 308.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471649.8/5$

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

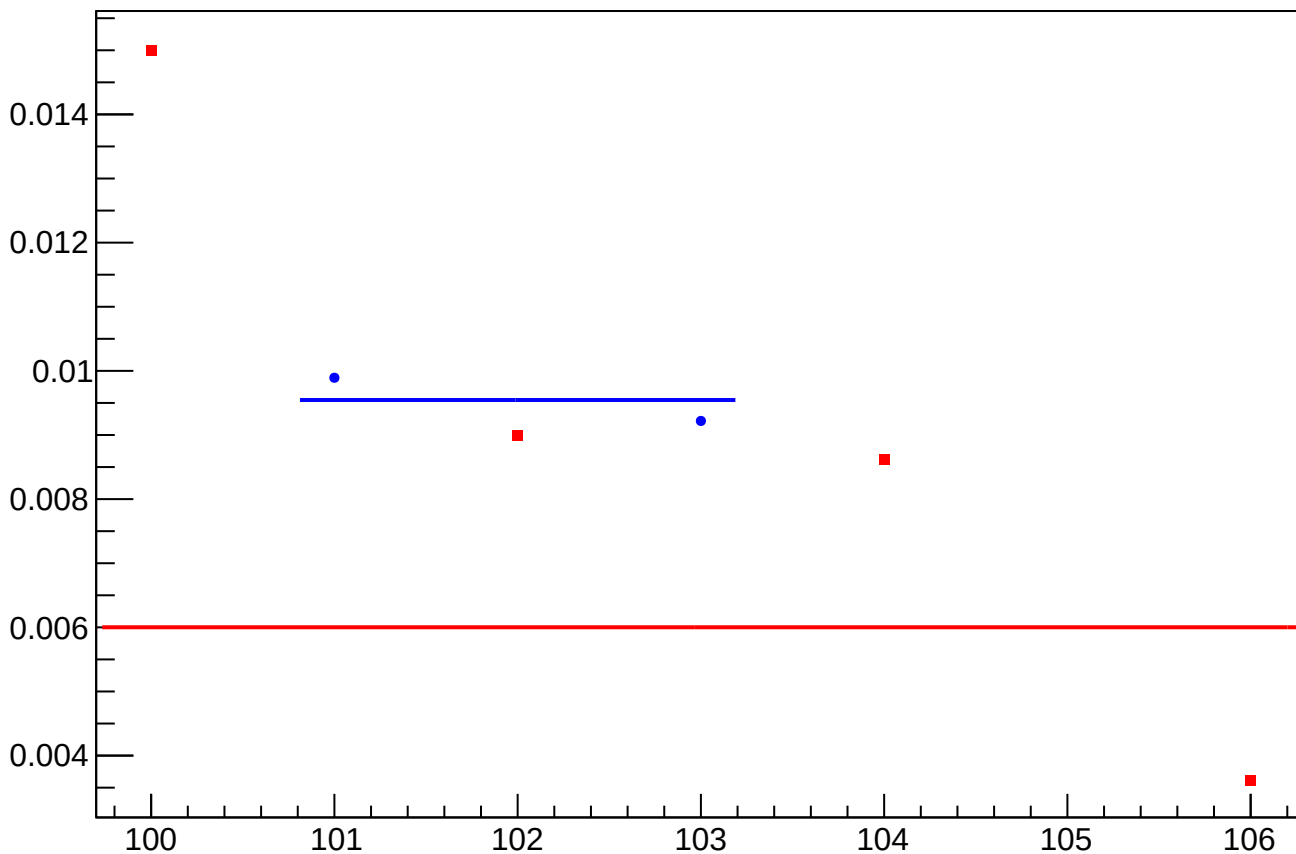
Right: -0.000+/-0.000 χ^2/NDF : 4.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/5

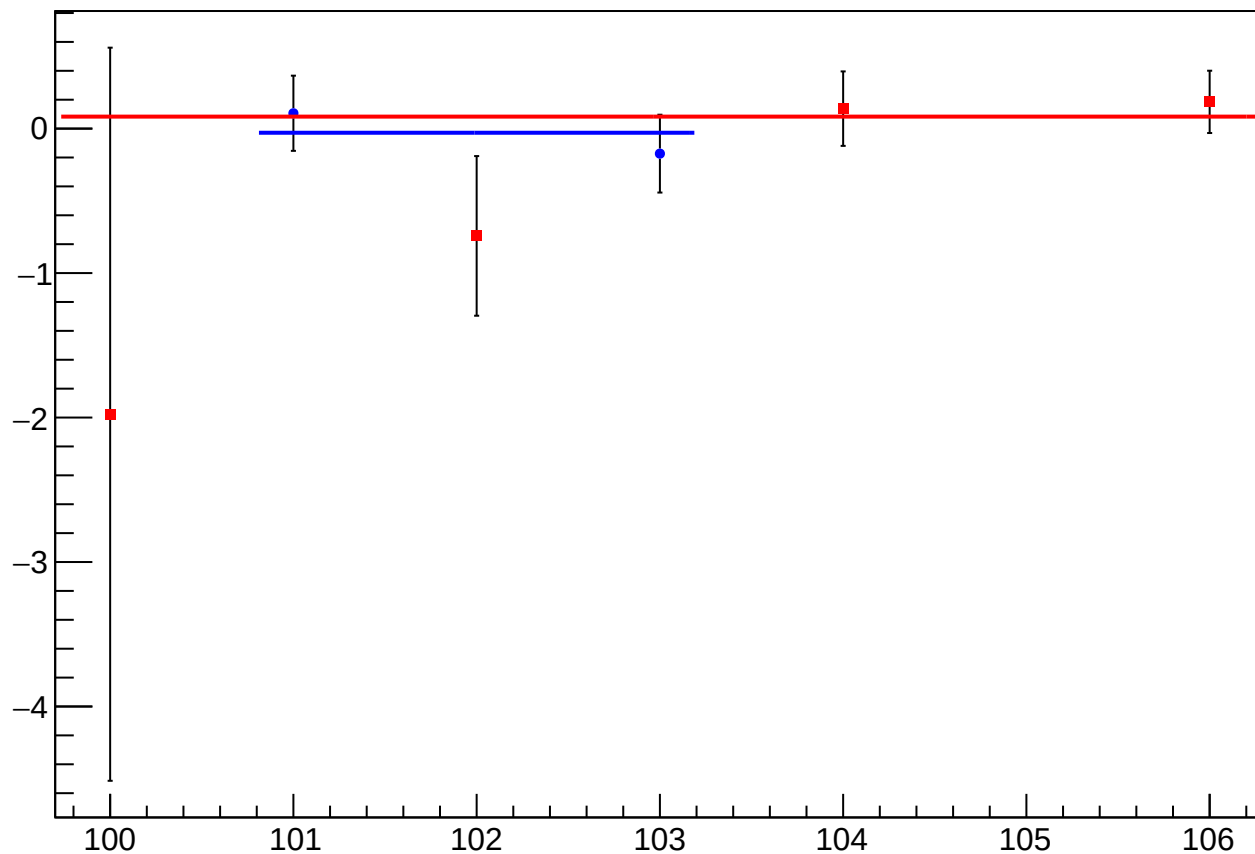
asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 505818.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.007+/-0.000 χ^2/NDF : 756020.8/5
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756020.8/5

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.083+/-0.158 χ^2 /NDF: 3.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

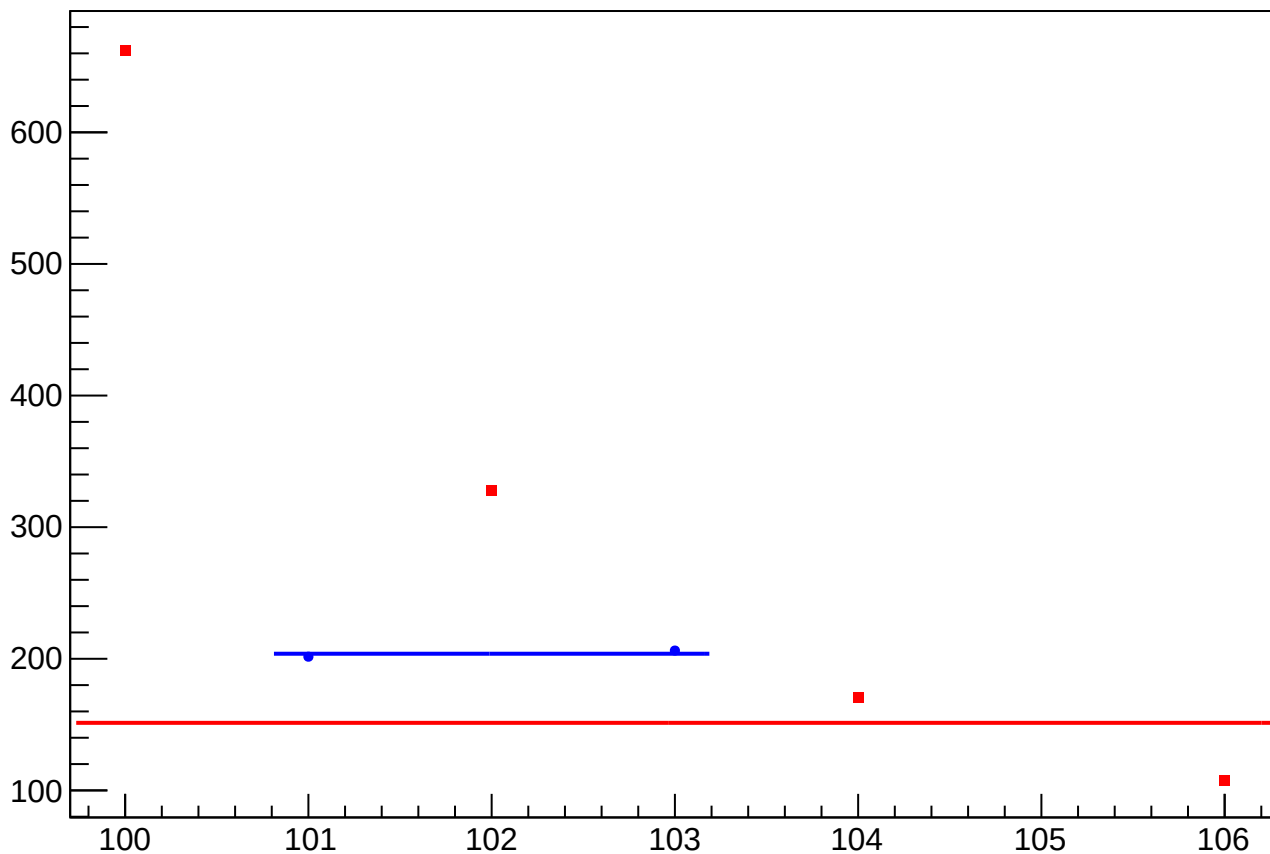
Right: 0.036+/-0.121 χ^2 /NDF: 3.9/5

In: -0.029+/-0.187 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.036+/-0.121 χ^2 /NDF: 3.9/5

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.333 $\pm$ 0.112 χ^2 /NDF: 379472.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

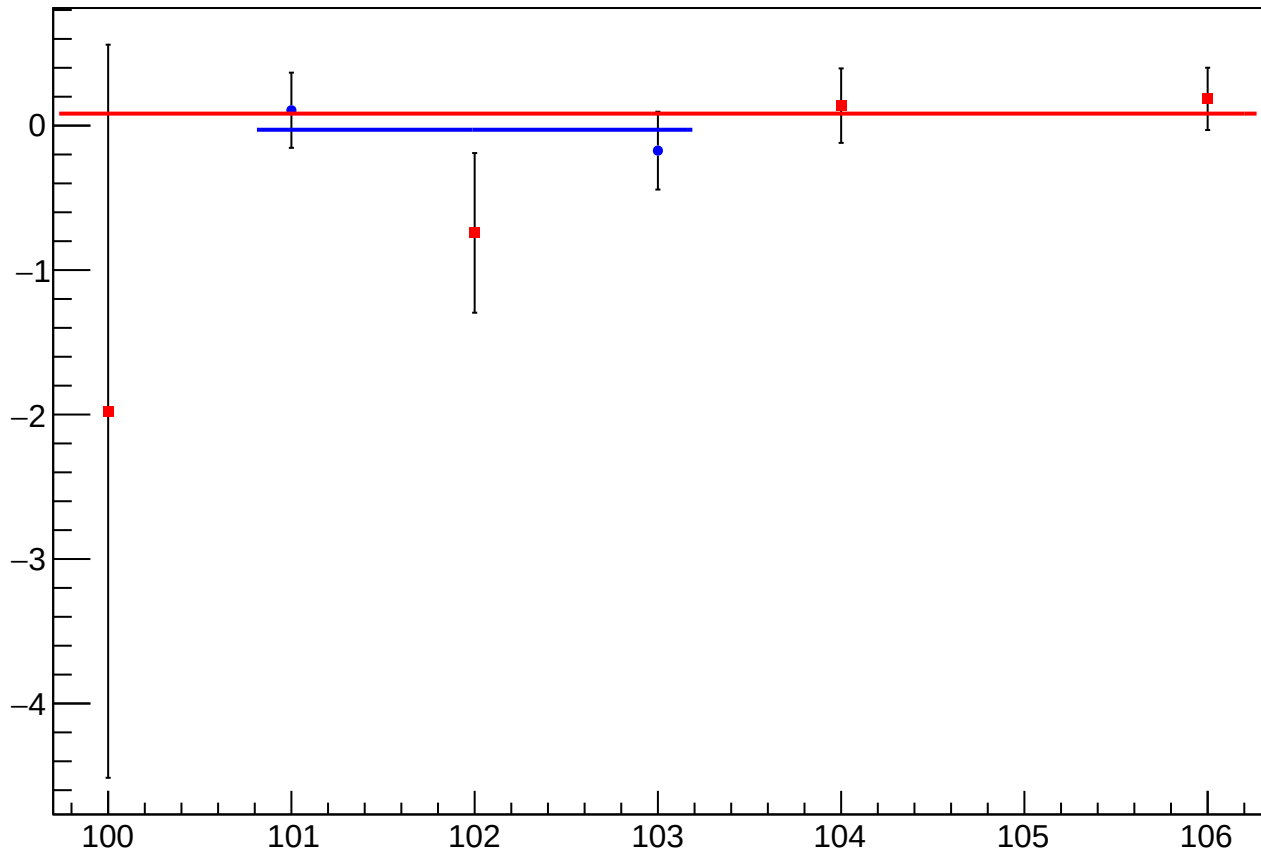
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

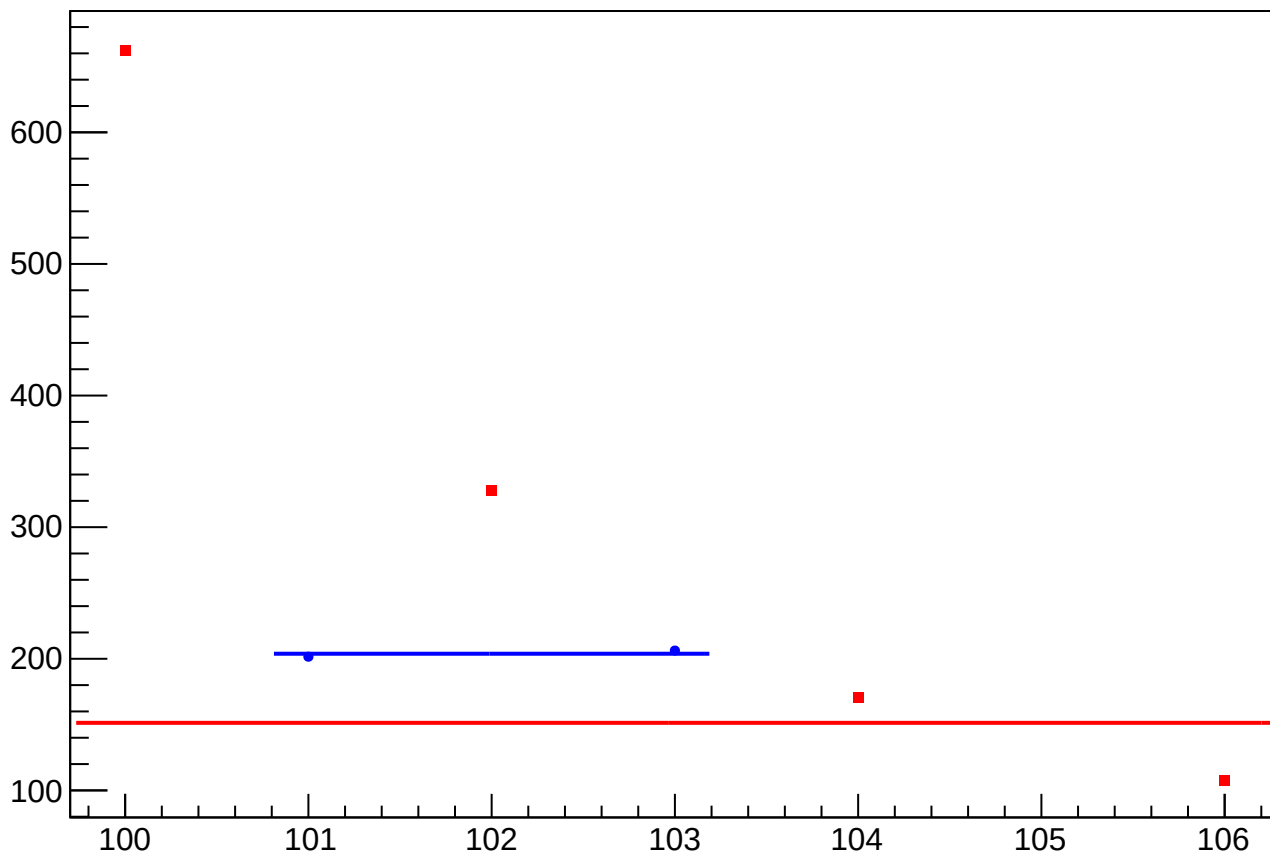
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 ± 0.132 $\chi^2/\text{NDF}: 309.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 151.333 ± 0.112 $\chi^2/\text{NDF}: 379472.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

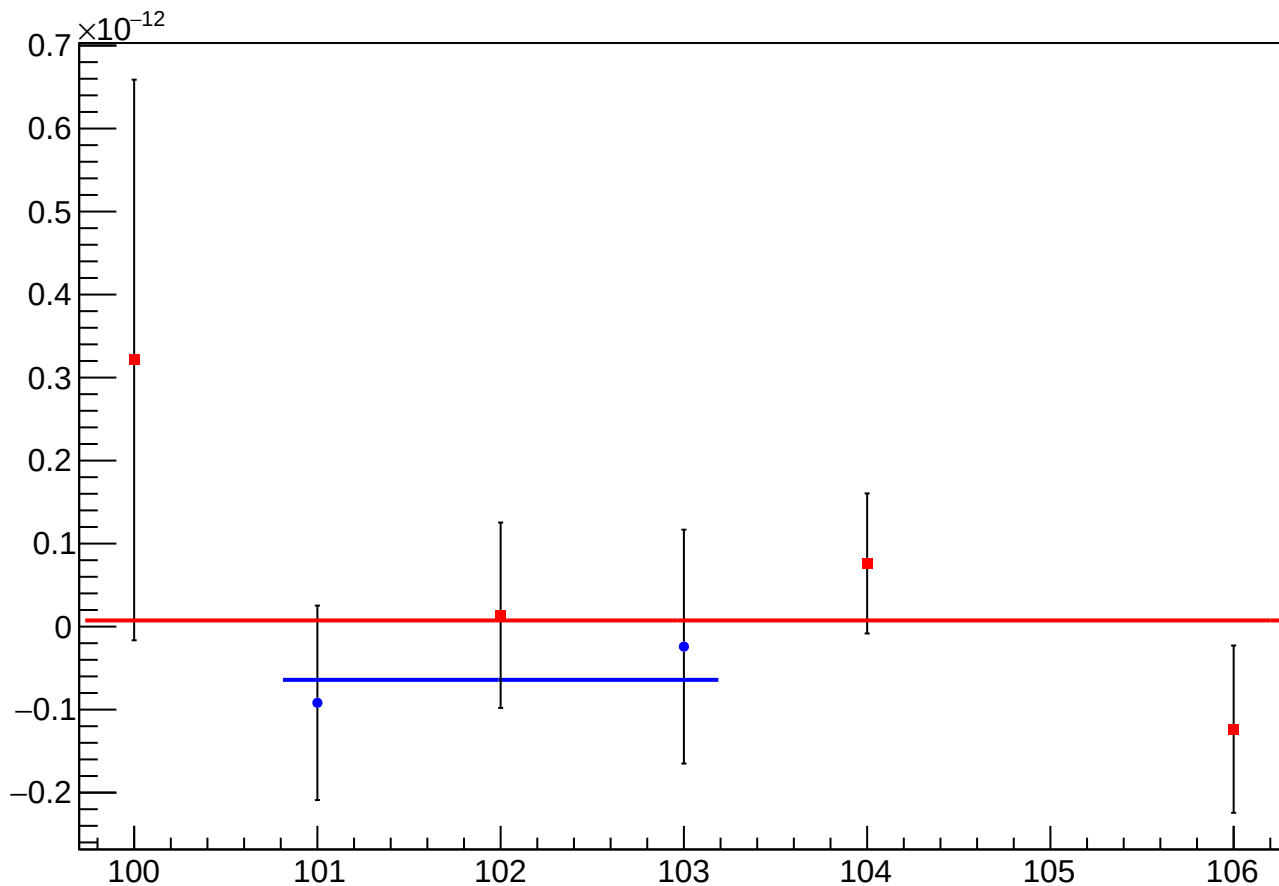
Right: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471631.4/5$

In: 203.840 ± 0.132 $\chi^2/\text{NDF}: 309.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471631.4/5$

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

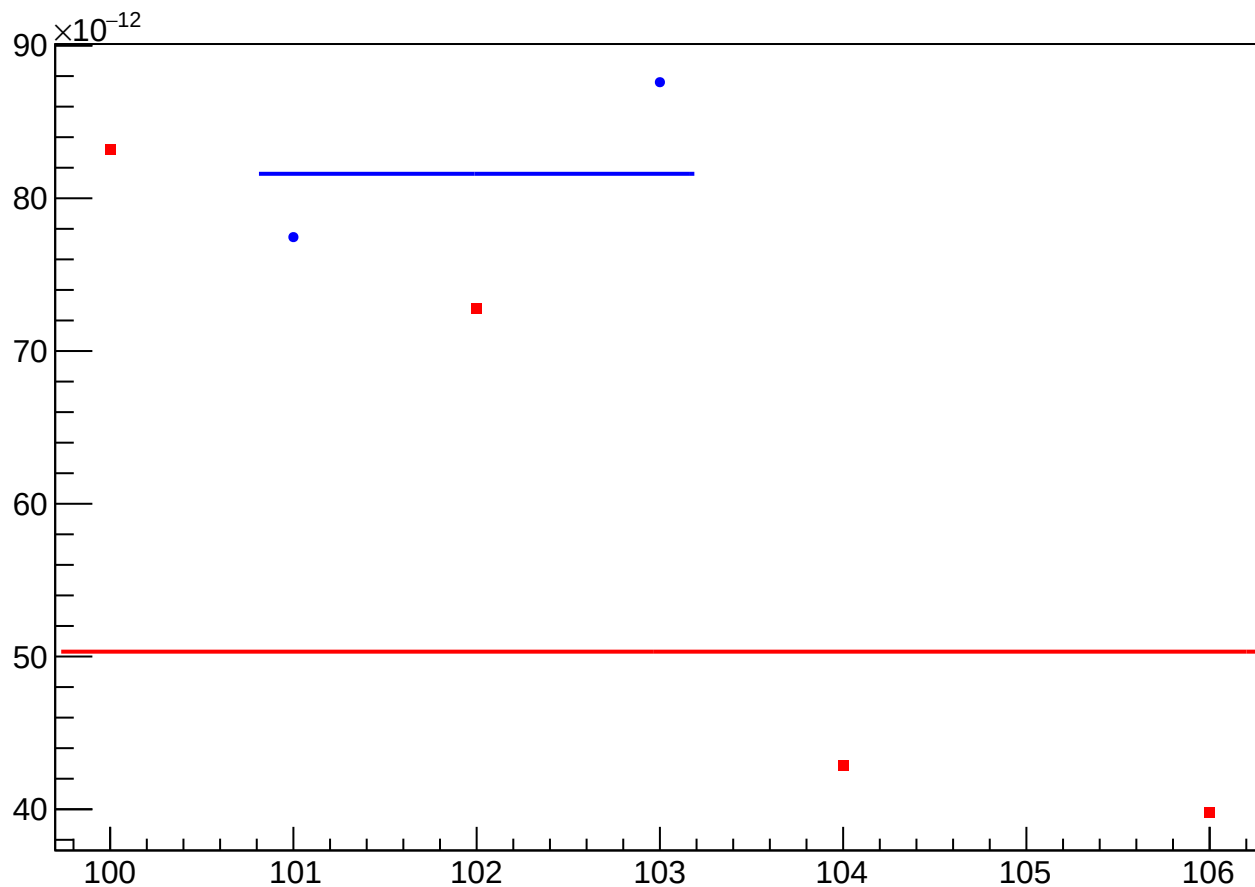
Right: -0.000+/-0.000 χ^2 /NDF: 3.8/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.8/5

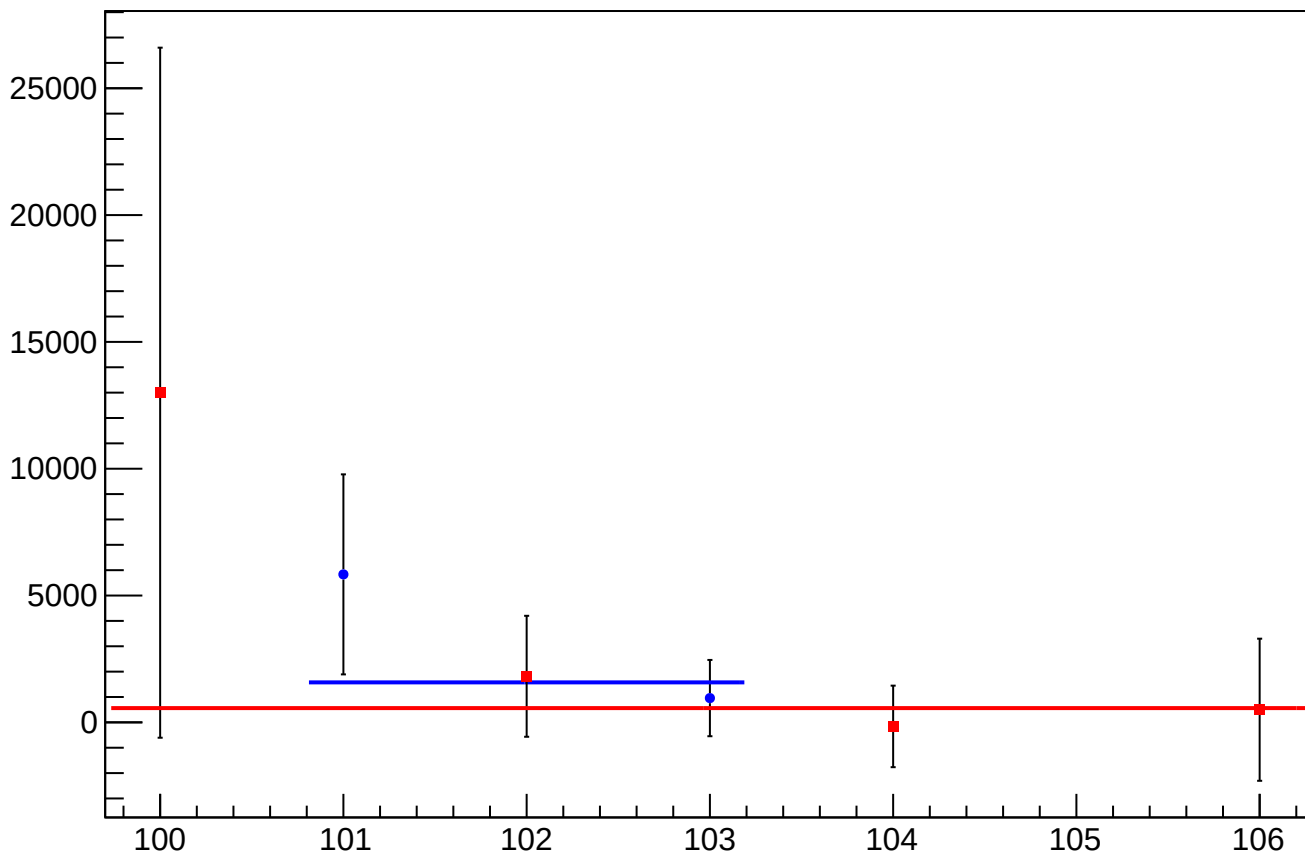
asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 137423.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 318939.7/5
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 318939.7/5

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1576.309+/-1404.983 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.402+/-1198.861 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

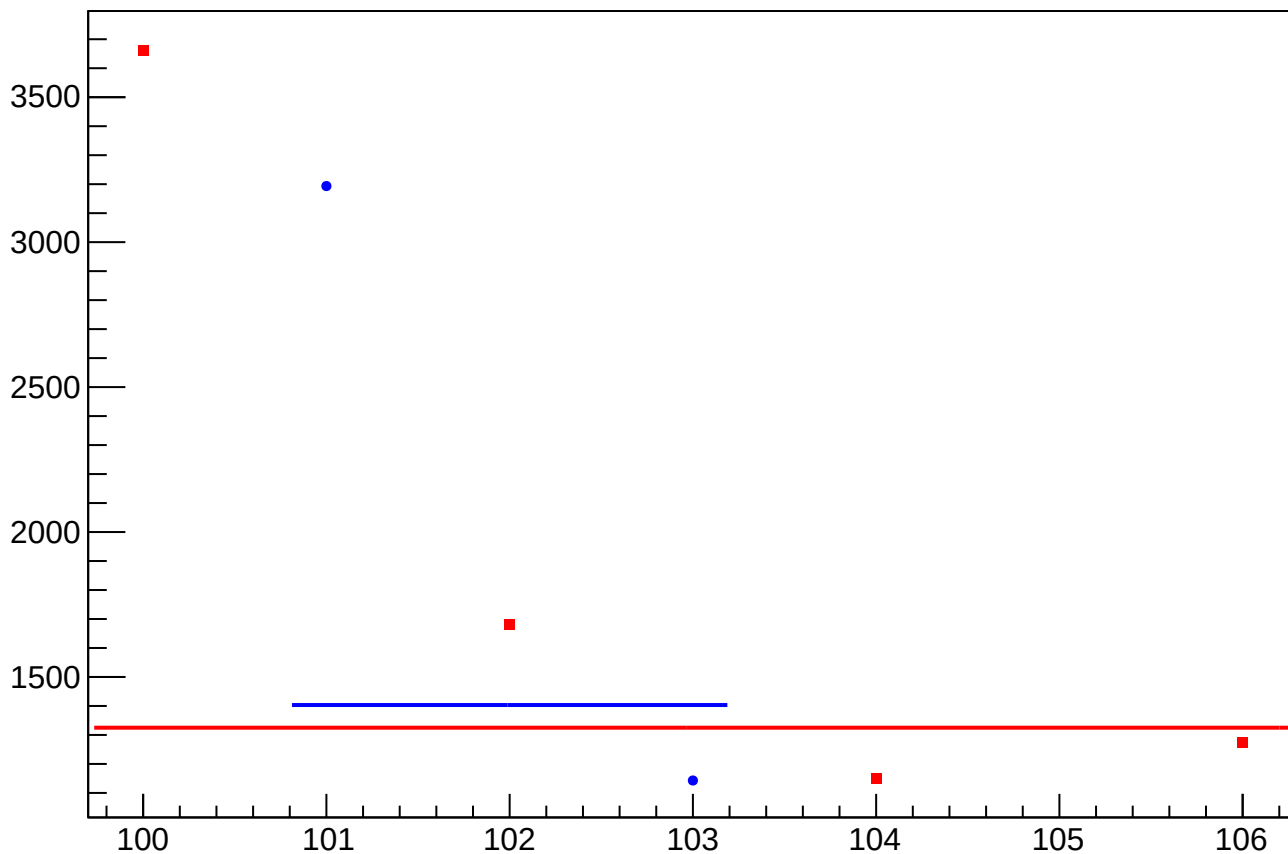
Right: 989.594+/-911.976 χ^2/NDF : 3.0/5

In: 1576.309+/-1404.983 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.594+/-911.976 χ^2/NDF : 3.0/5

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.218+/-0.993 χ^2/NDF : 472179.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.021+/-0.835 χ^2/NDF : 127821.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

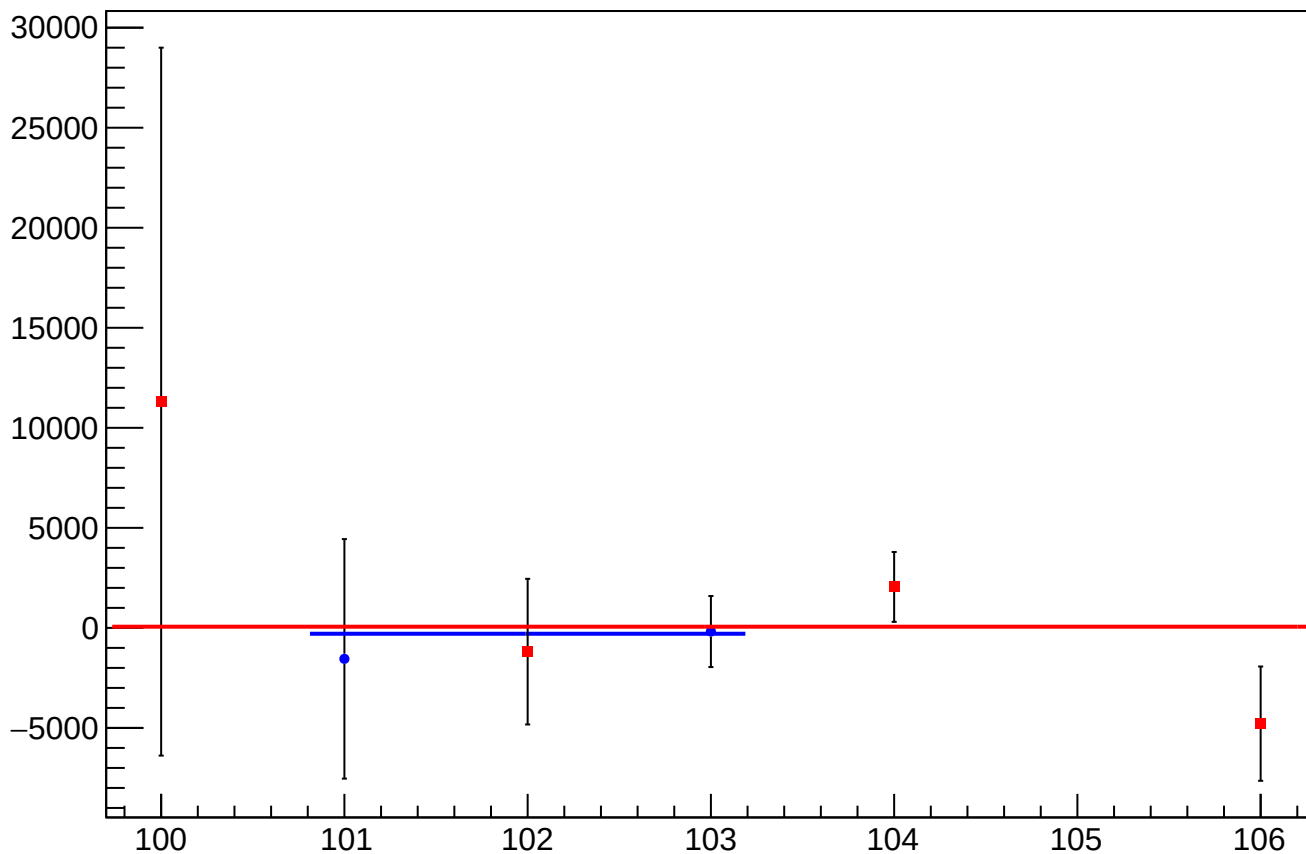
Right: 1357.373+/-0.639 χ^2/NDF : 603633.5/5

In: 1403.218+/-0.993 χ^2/NDF : 472179.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.373+/-0.639 χ^2/NDF : 603633.5/5

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -293.059+/-1702.048 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.164+/-1374.562 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

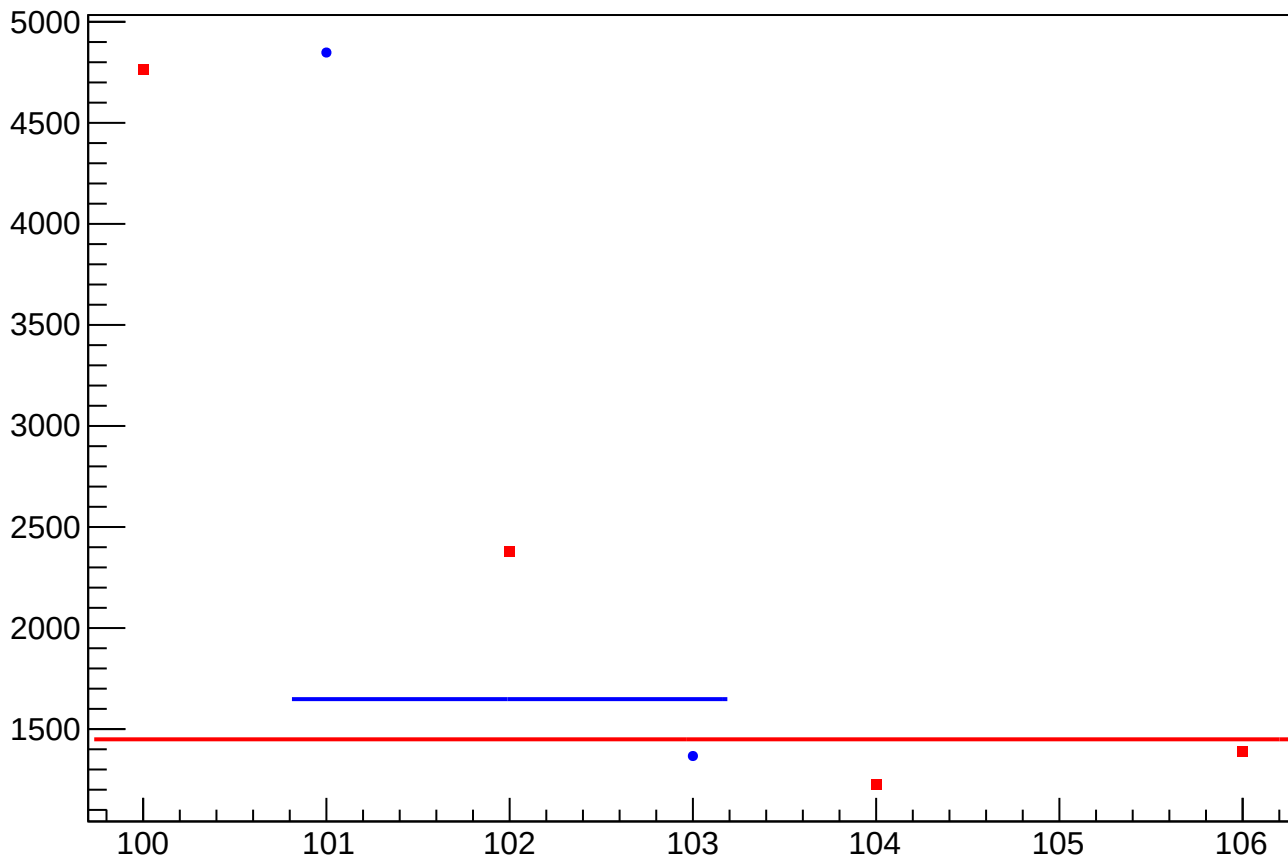
Right: -79.876+/-1069.380 χ^2/NDF : 4.8/5

In: -293.059+/-1702.048 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.876+/-1069.380 χ^2/NDF : 4.8/5

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1648.199+/-1.204 χ^2/NDF : 621731.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.305+/-0.972 χ^2/NDF : 234544.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

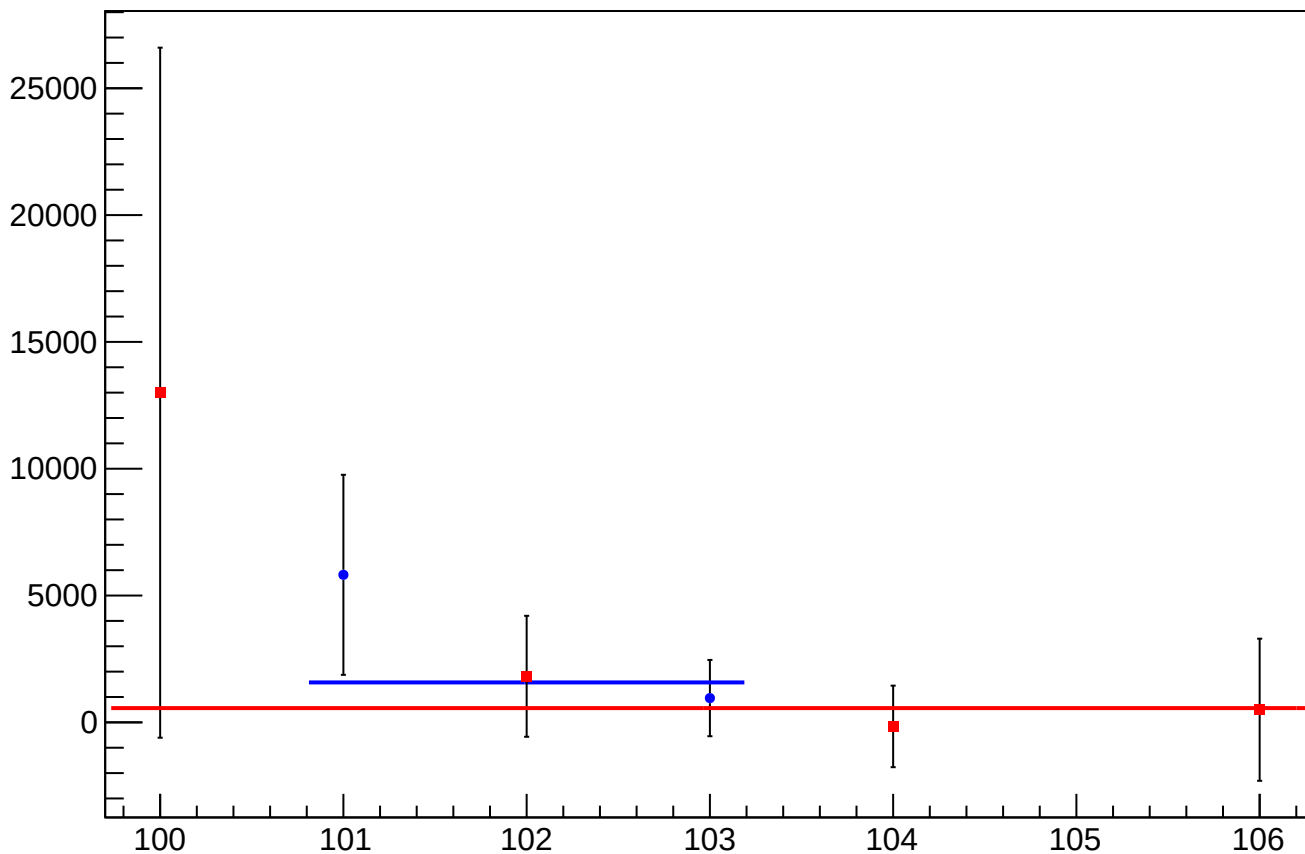
Right: 1527.818+/-0.756 χ^2/NDF : 872805.8/5

In: 1648.199+/-1.204 χ^2/NDF : 621731.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.818+/-0.756 χ^2/NDF : 872805.8/5

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.176+/-1198.861 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

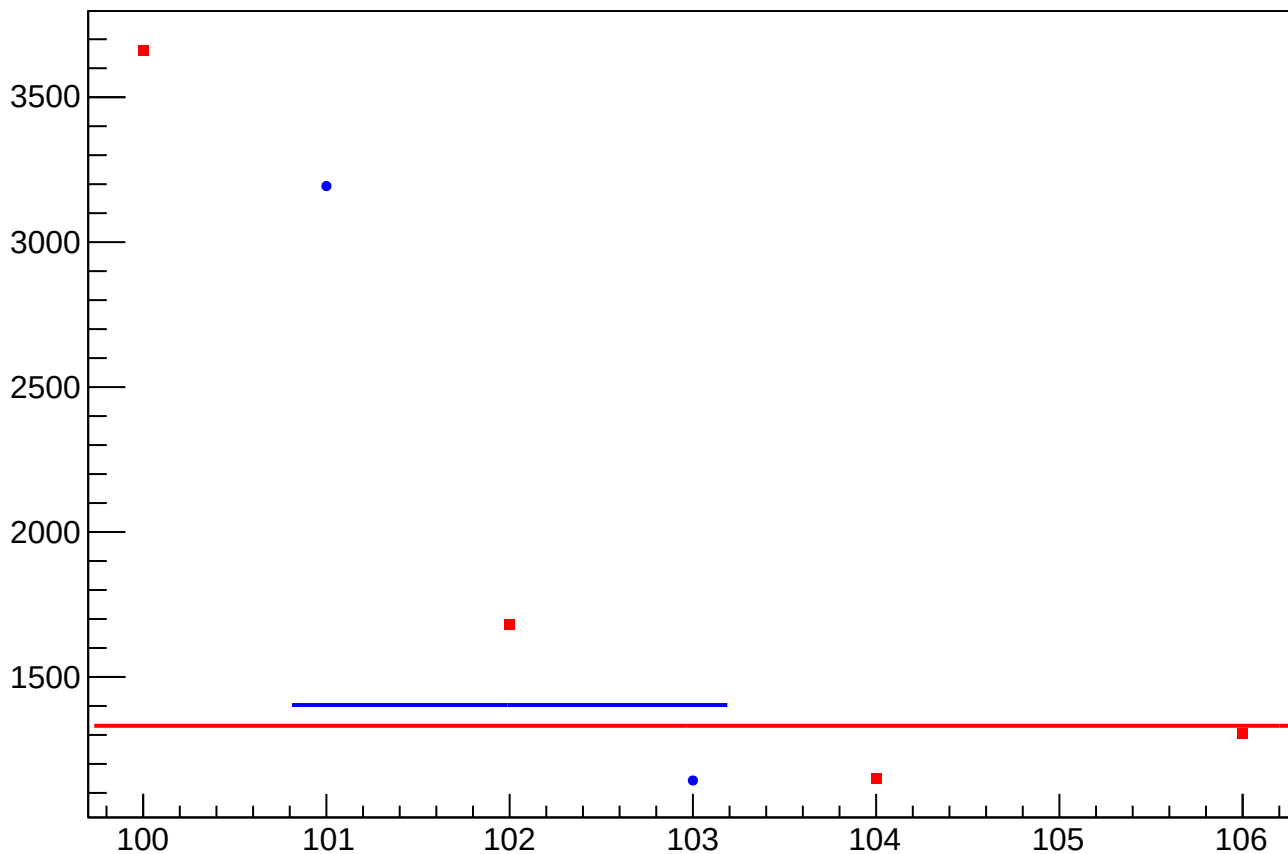
Right: 988.610+/-911.977 χ^2/NDF : 2.9/5

In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.610+/-911.977 χ^2/NDF : 2.9/5

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.614+/-0.838 χ^2/NDF : 127108.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

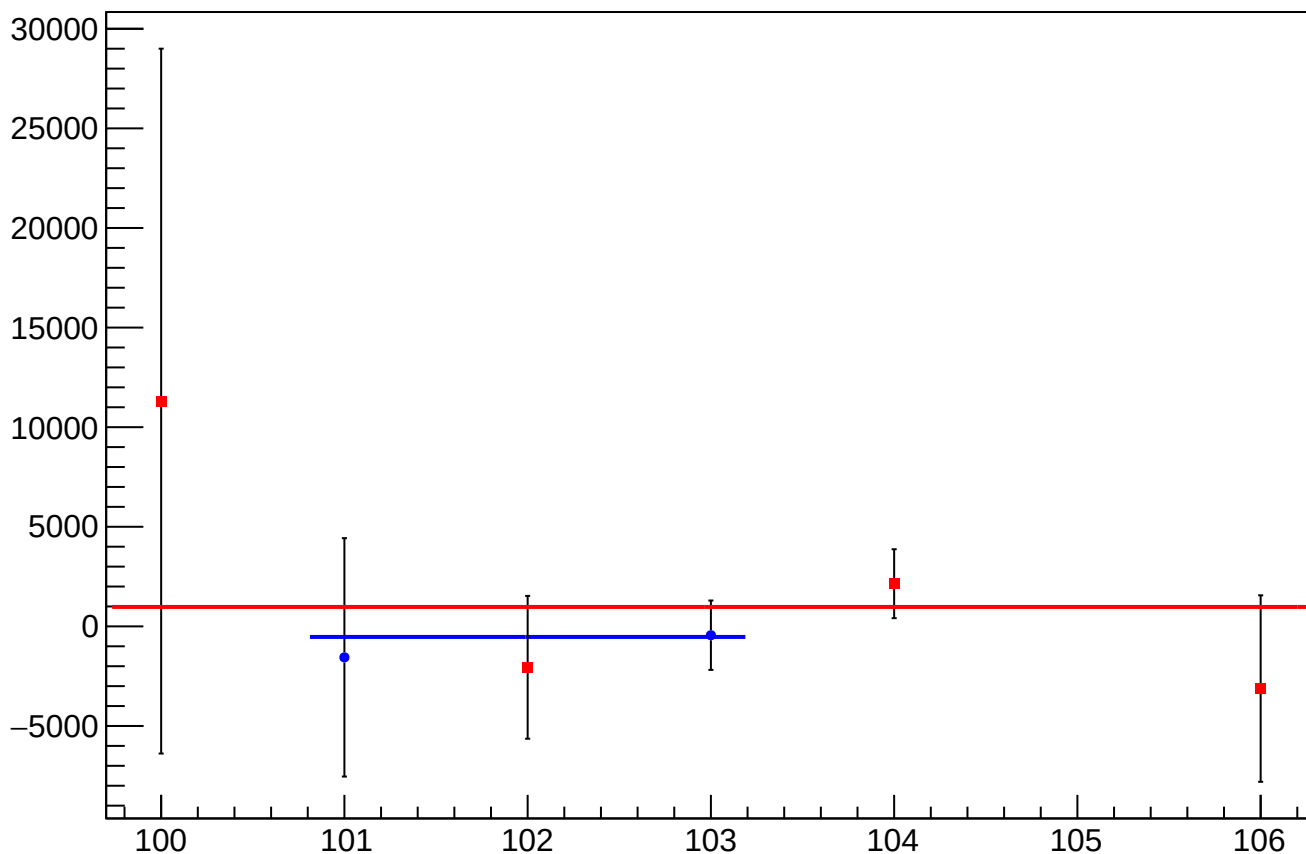
Right: 1361.396+/-0.641 χ^2/NDF : 602323.9/5

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.396+/-0.641 χ^2/NDF : 602323.9/5

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.010+/-1473.112 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

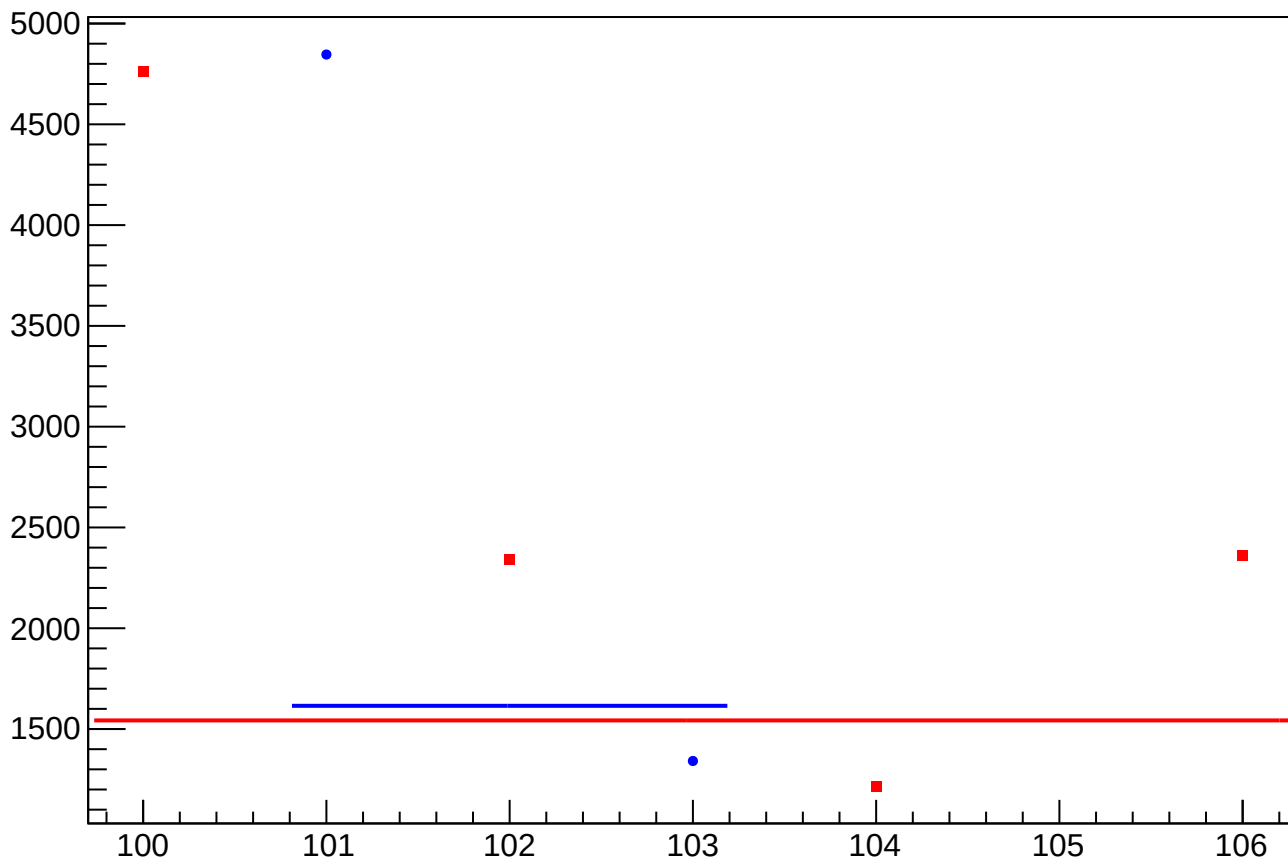
Right: 317.888+/-1105.356 χ^2/NDF : 2.8/5

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.888+/-1105.356 χ^2/NDF : 2.8/5

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1542.719+/-1.042 χ^2/NDF : 298103.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

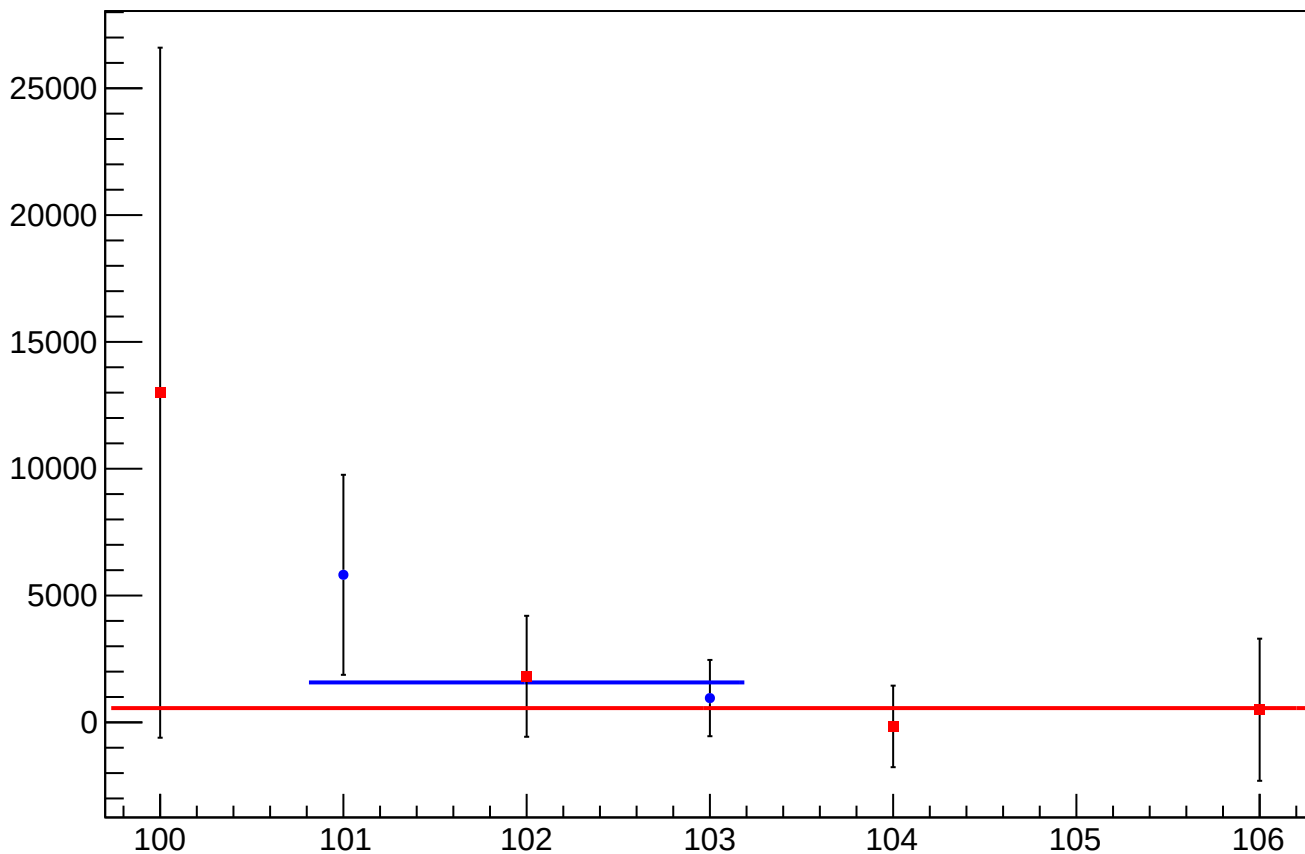
Right: 1574.375+/-0.782 χ^2/NDF : 932704.1/5

In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.375+/-0.782 χ^2/NDF : 932704.1/5

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.176+/-1198.861 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

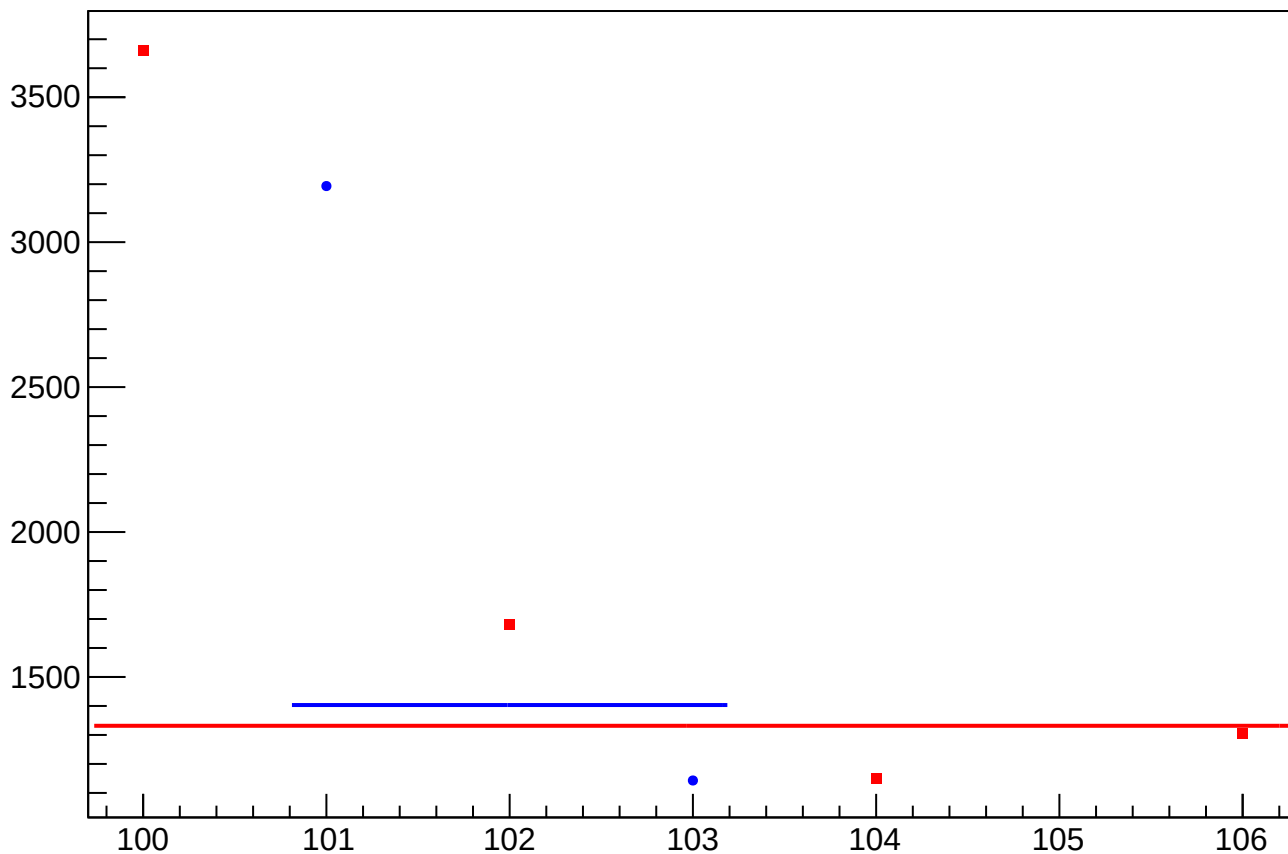
Right: 988.610+/-911.977 χ^2/NDF : 2.9/5

In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.610+/-911.977 χ^2/NDF : 2.9/5

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.614+/-0.838 χ^2/NDF : 127108.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

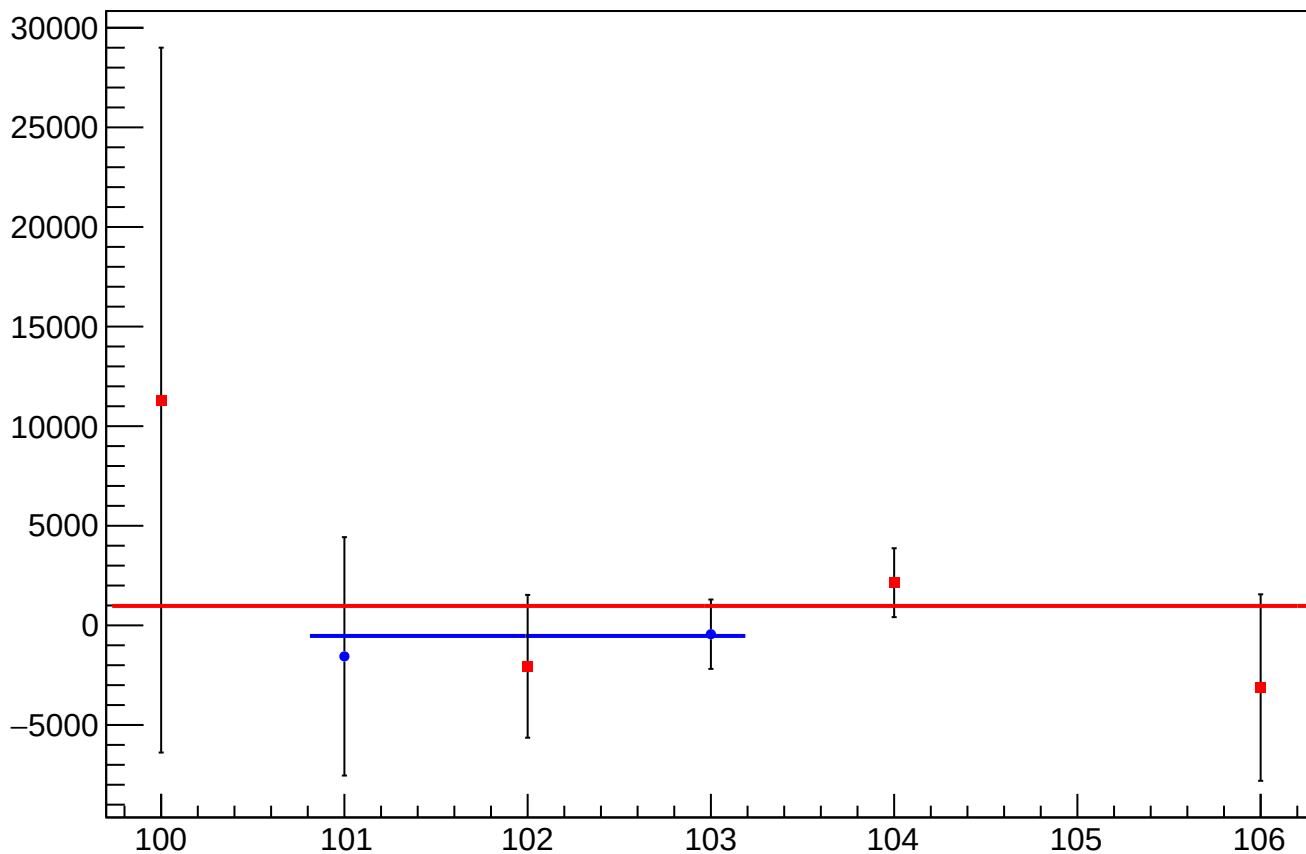
Right: 1361.396+/-0.641 χ^2/NDF : 602323.9/5

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.396+/-0.641 χ^2/NDF : 602323.9/5

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 976.010+/-1473.112 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

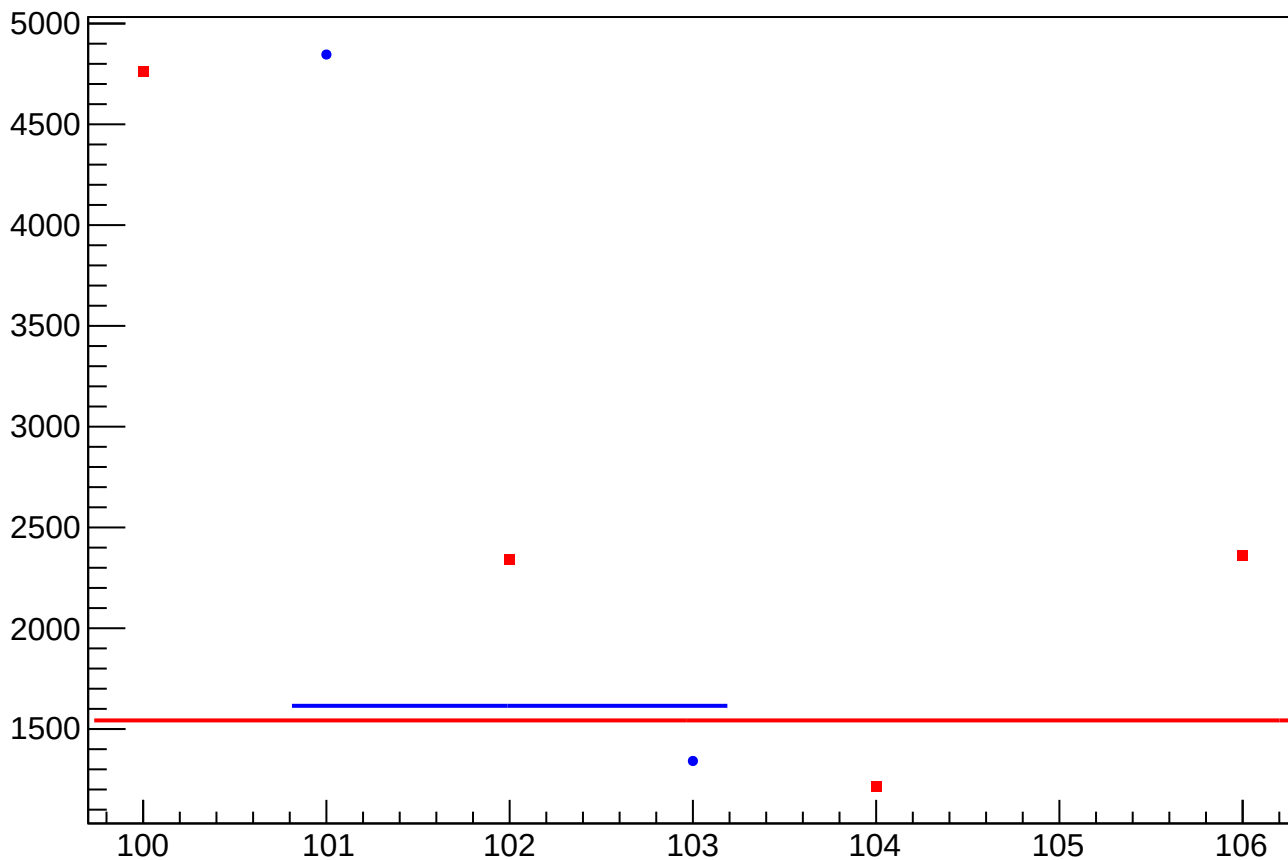
Right: 317.888+/-1105.356 χ^2/NDF : 2.8/5

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.888+/-1105.356 χ^2/NDF : 2.8/5

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1542.719+/-1.042 χ^2/NDF : 298103.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

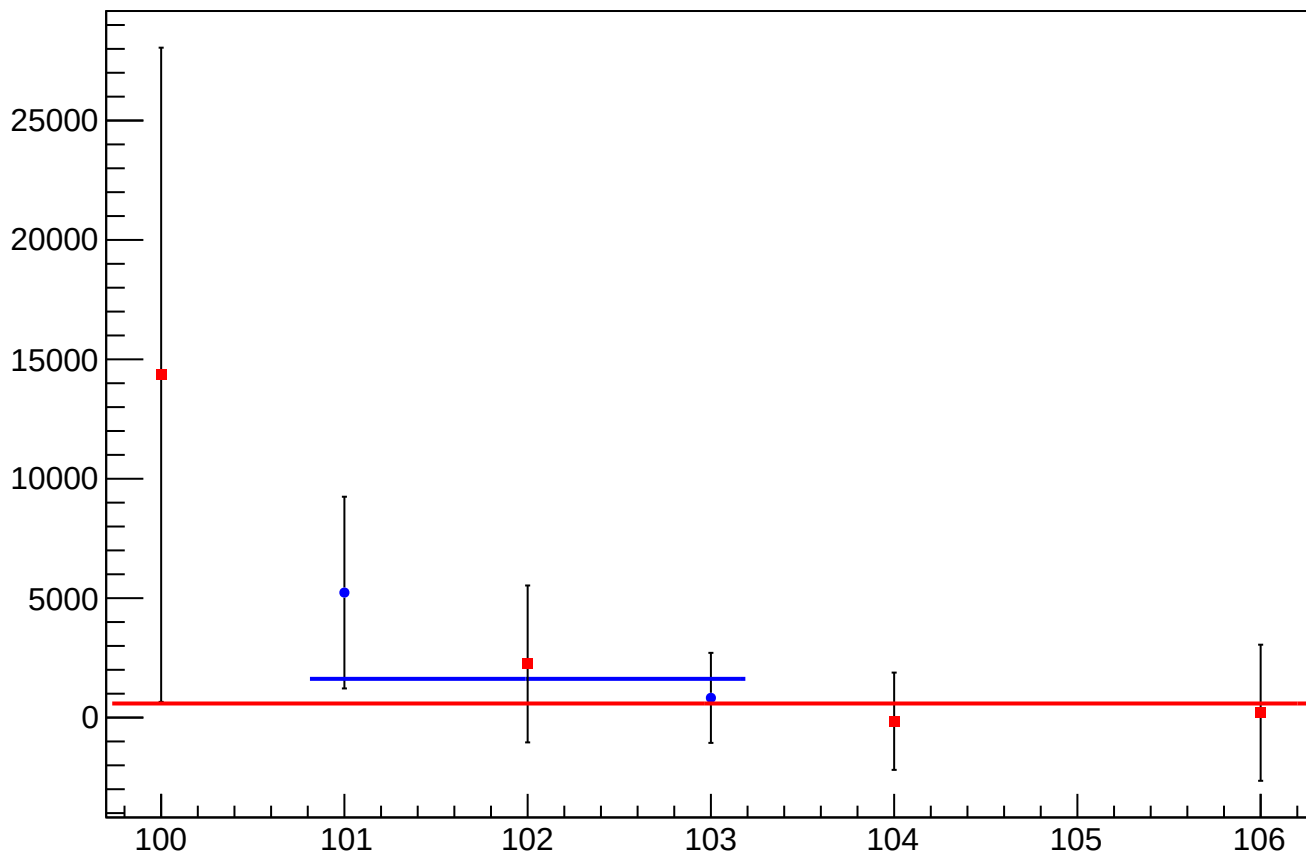
Right: 1574.375+/-0.782 χ^2/NDF : 932704.1/5

In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.375+/-0.782 χ^2/NDF : 932704.1/5

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1621.397+/-1706.114 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.378+/-1470.809 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

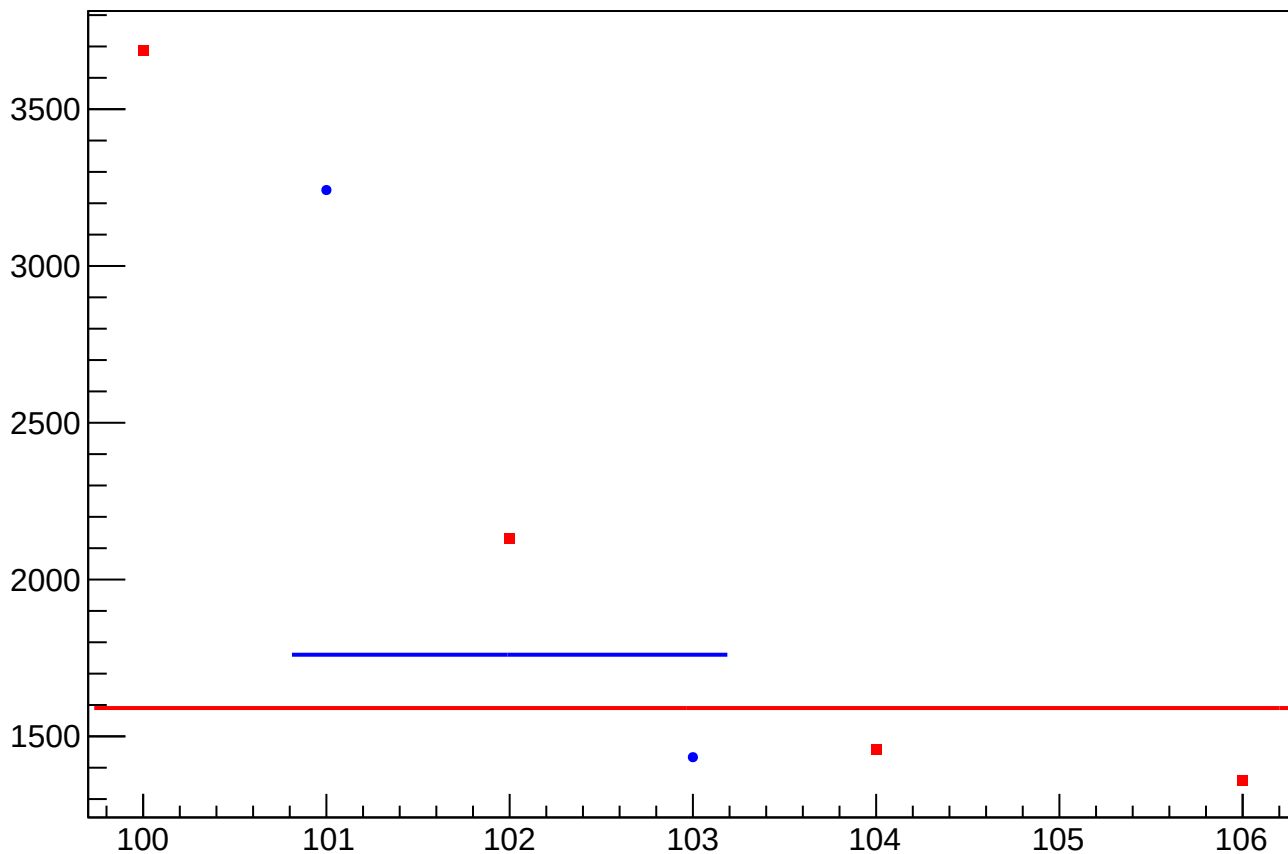
Right: 1029.366+/-1113.998 χ^2/NDF : 2.6/5

In: 1621.397+/-1706.114 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.366+/-1113.998 χ^2/NDF : 2.6/5

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1760.311+/-1.206 χ^2/NDF : 332701.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.303+/-1.035 χ^2/NDF : 123015.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

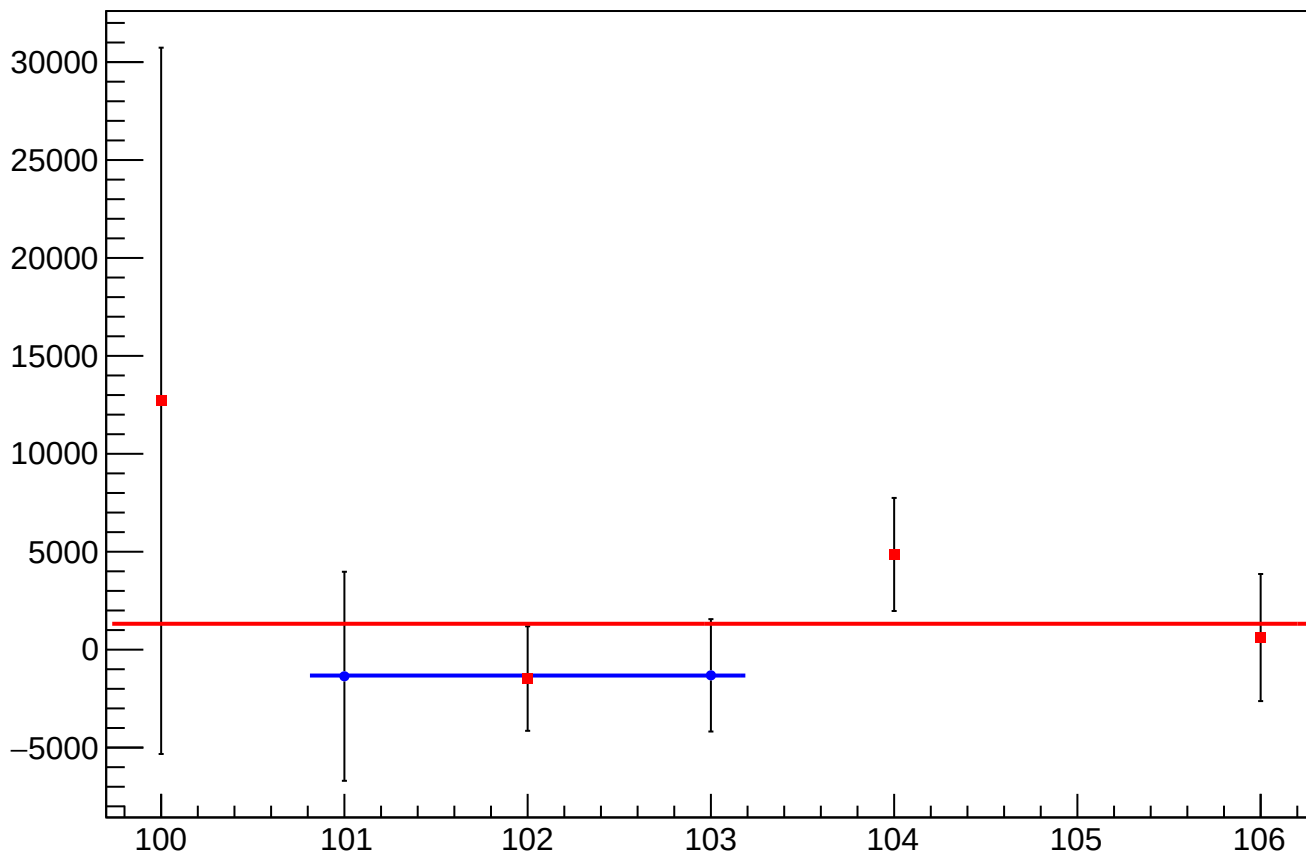
Right: 1662.347+/-0.785 χ^2/NDF : 467160.1/5

In: 1760.311+/-1.206 χ^2/NDF : 332701.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.347+/-0.785 χ^2/NDF : 467160.1/5

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1321.399+/-2527.229 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1321.824+/-1669.977 χ^2 /NDF: 3.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

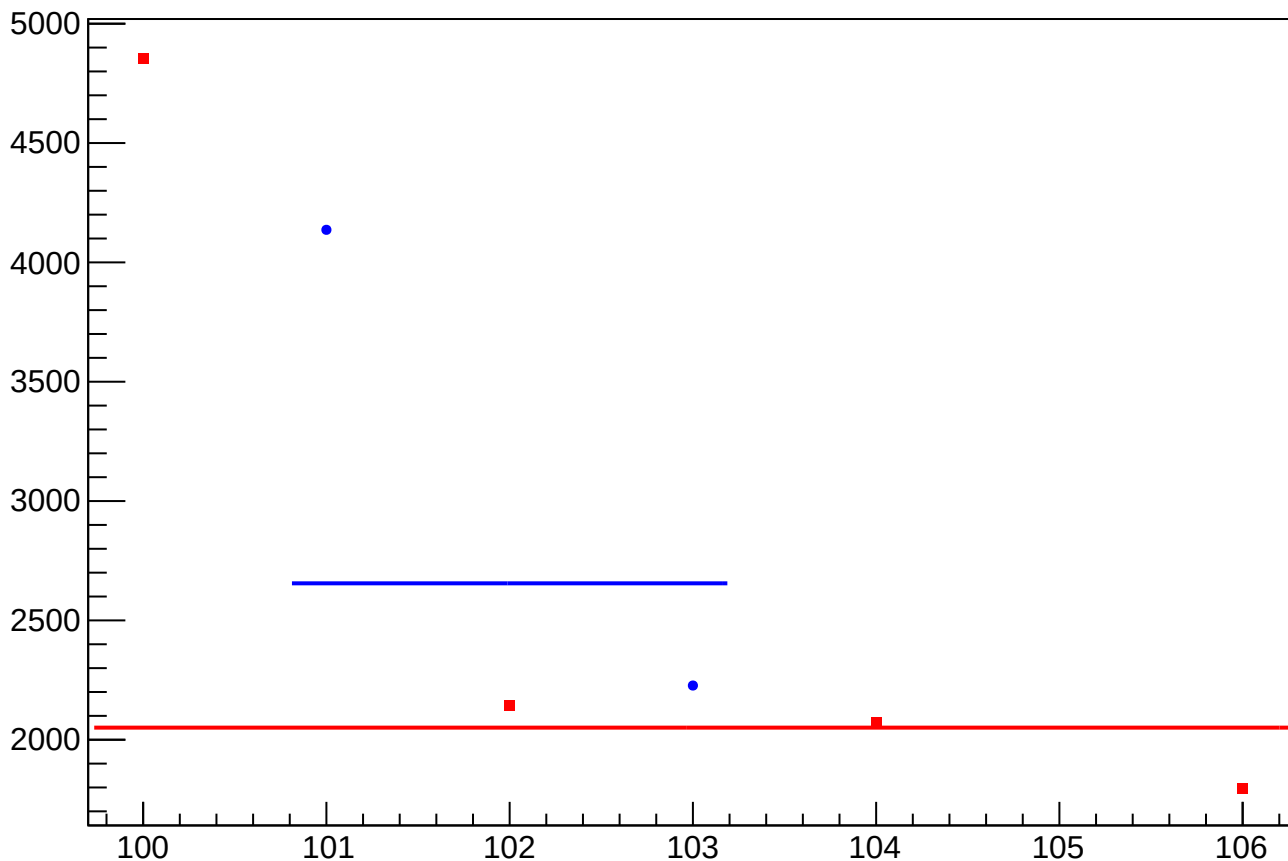
Right: 518.455+/-1393.270 χ^2 /NDF: 3.8/5

In: -1321.399+/-2527.229 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 518.455+/-1393.270 χ^2 /NDF: 3.8/5

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2655.304+/-1.787 χ^2/NDF : 198605.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2050.717+/-1.181 χ^2/NDF : 63093.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

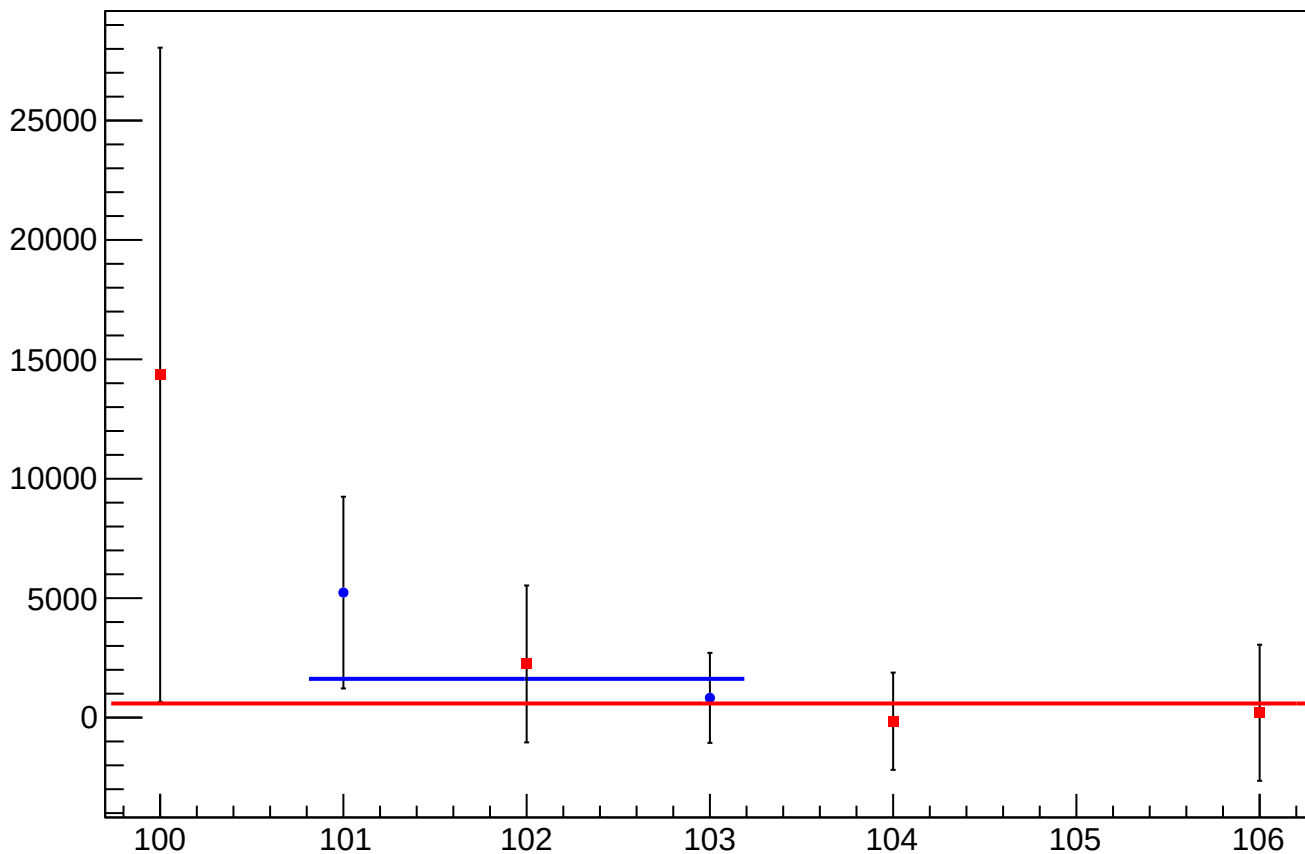
Right: 2234.472+/-0.985 χ^2/NDF : 341372.2/5

In: 2655.304+/-1.787 χ^2/NDF : 198605.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2234.472+/-0.985 χ^2/NDF : 341372.2/5

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1621.388+/-1706.112 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.374+/-1470.807 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

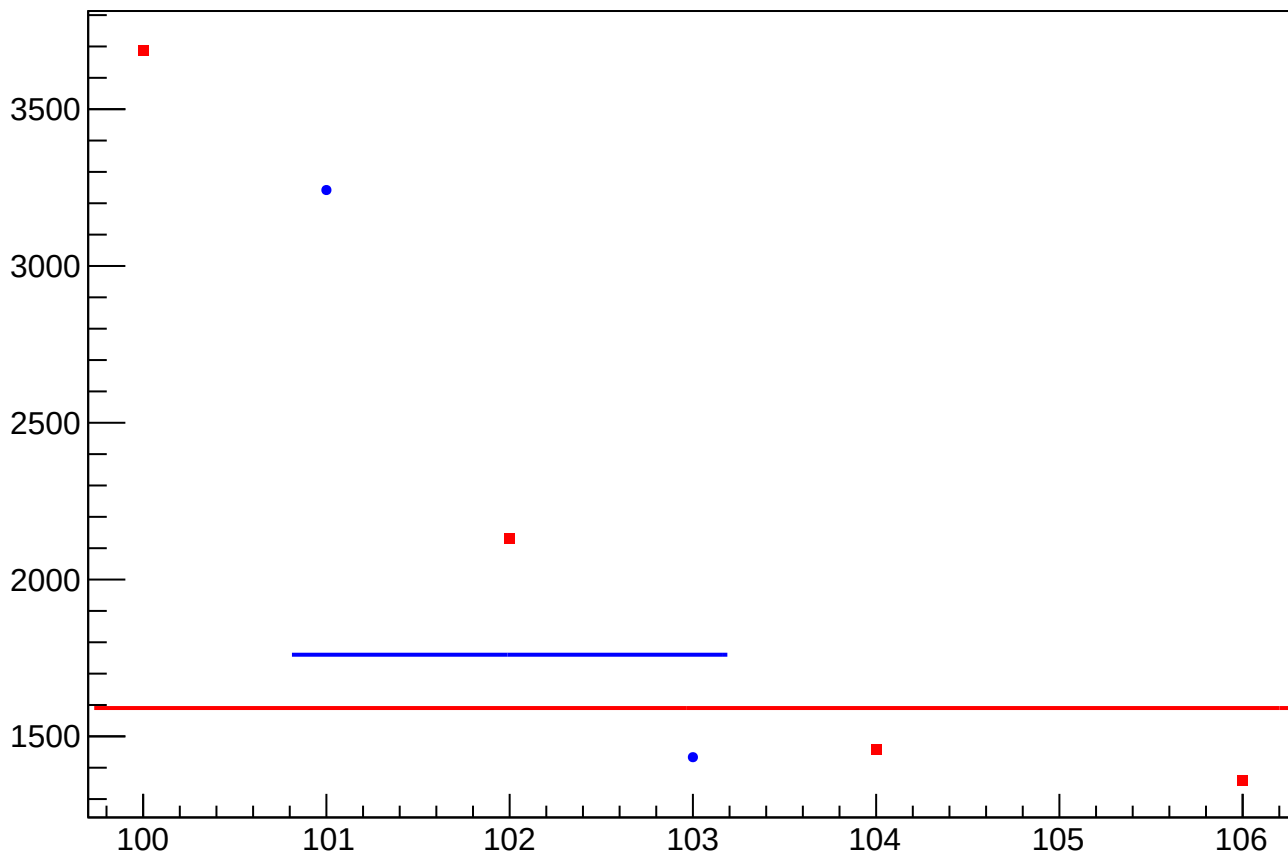
Right: 1029.360+/-1113.997 χ^2/NDF : 2.6/5

In: 1621.388+/-1706.112 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.360+/-1113.997 χ^2/NDF : 2.6/5

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1760.308+/-1.206 χ^2/NDF : 332702.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1590.301+/-1.035 χ^2/NDF : 123014.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

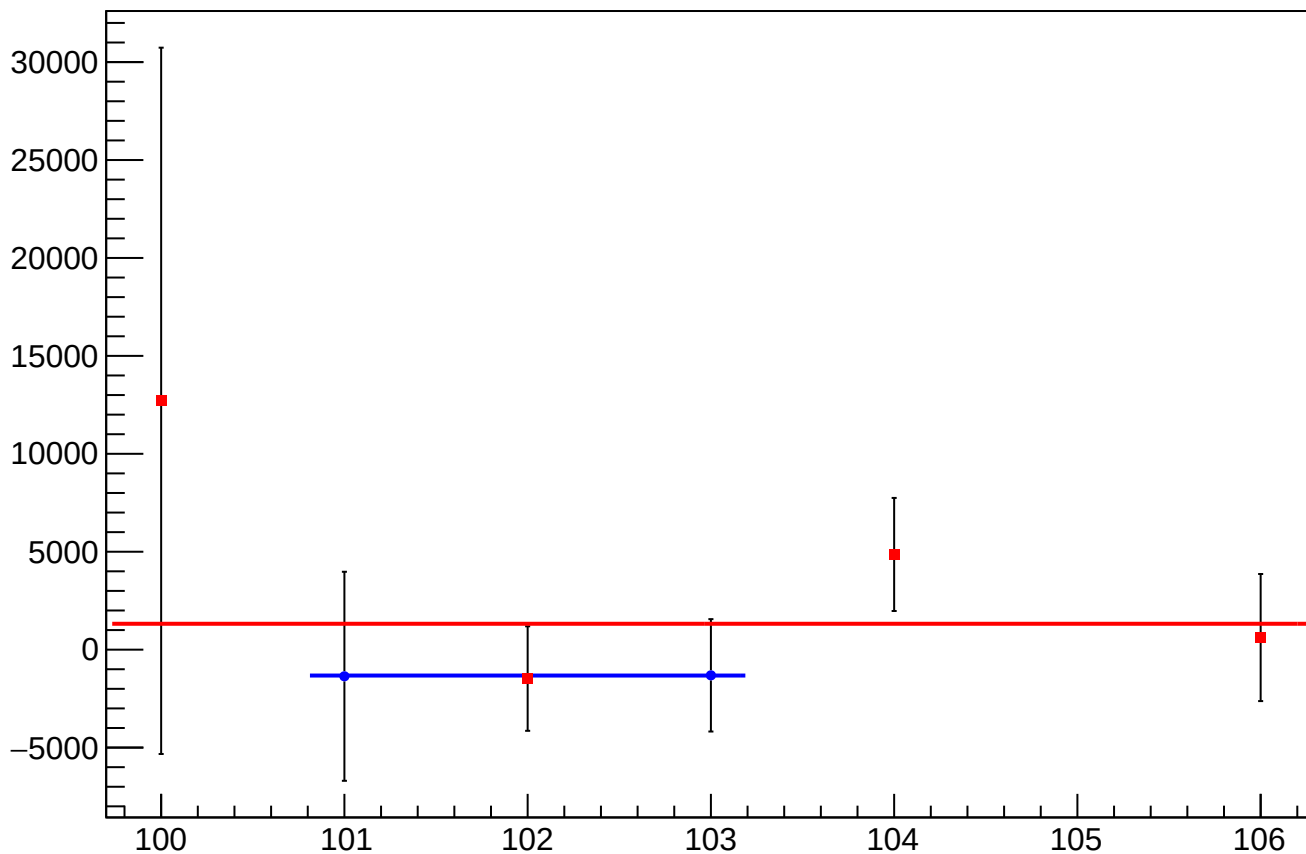
Right: 1662.345+/-0.785 χ^2/NDF : 467160.7/5

In: 1760.308+/-1.206 χ^2/NDF : 332702.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.345+/-0.785 χ^2/NDF : 467160.7/5

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1321.402 $\pm$ 2527.224 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1321.822 $\pm$ 1669.972 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

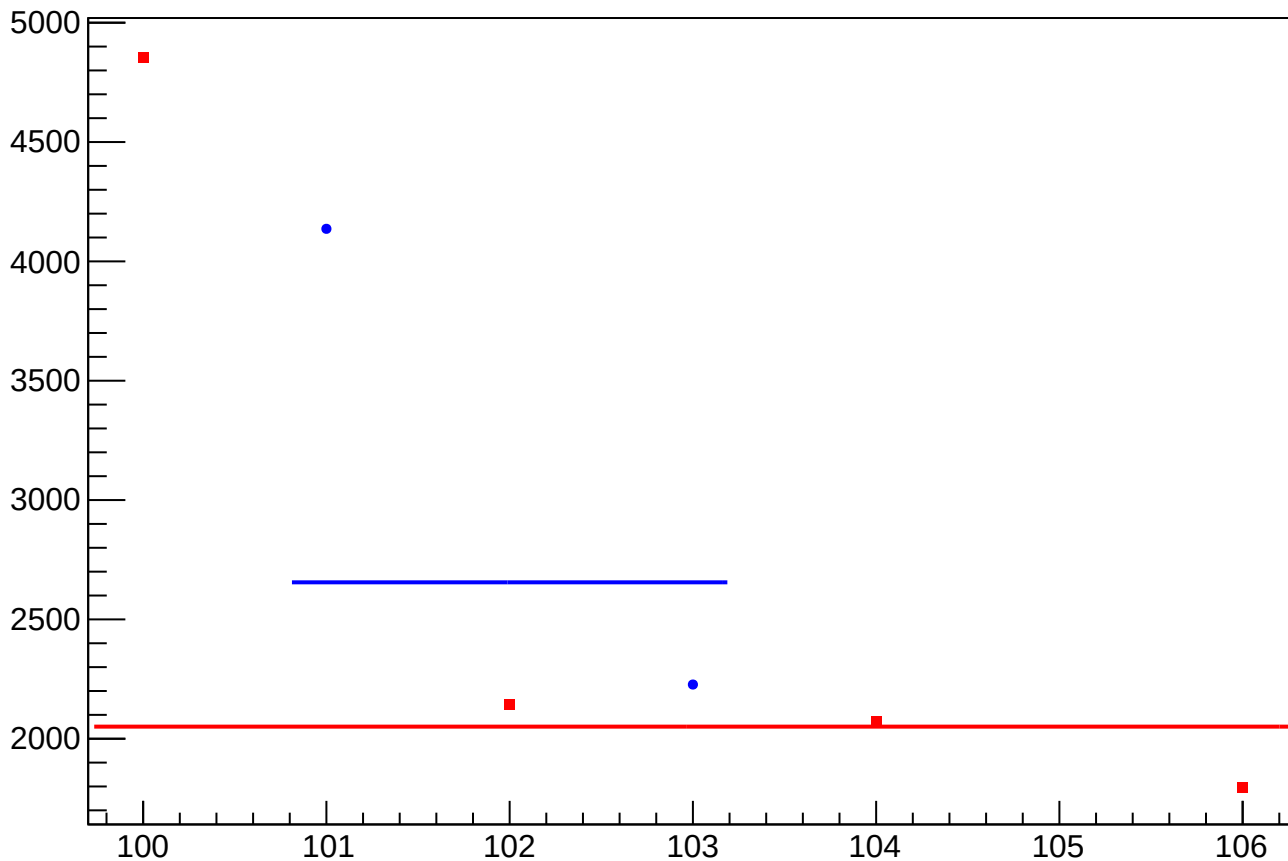
Right: 518.454 $\pm$ 1393.266 χ^2 /NDF: 3.8/5

In: -1321.402 $\pm$ 2527.224 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.454 $\pm$ 1393.266 χ^2 /NDF: 3.8/5

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2655.298 +/- 1.787 χ^2/NDF : 198606.1/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 2050.711 +/- 1.181 χ^2/NDF : 63094.4/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

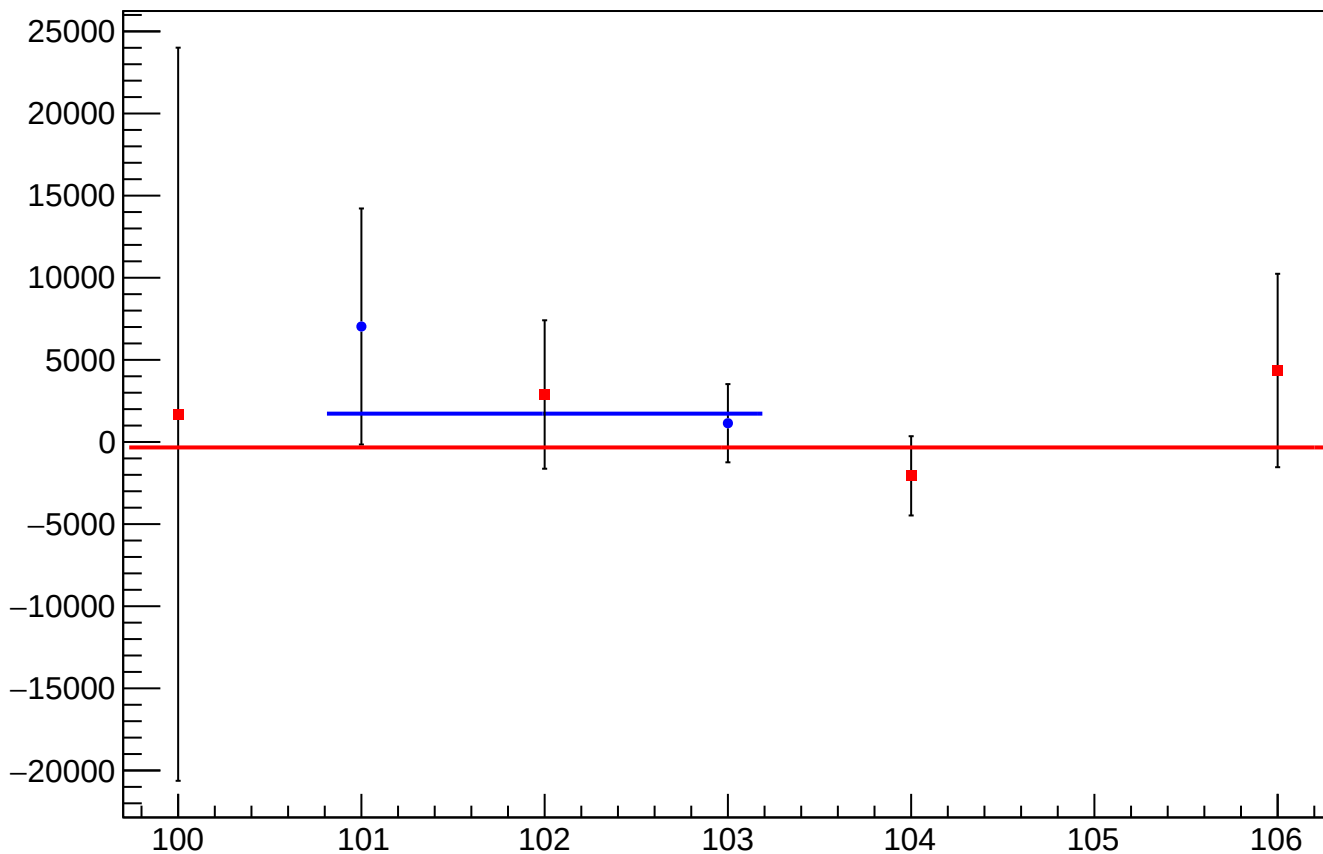
Right: 2234.466 +/- 0.985 χ^2/NDF : 341373.5/5

In: 2655.298 +/- 1.787 χ^2/NDF : 198606.1/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 2234.466 +/- 0.985 χ^2/NDF : 341373.5/5

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 1725.664+/-2260.380 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -332.102+/-1993.668 χ^2 /NDF: 1.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

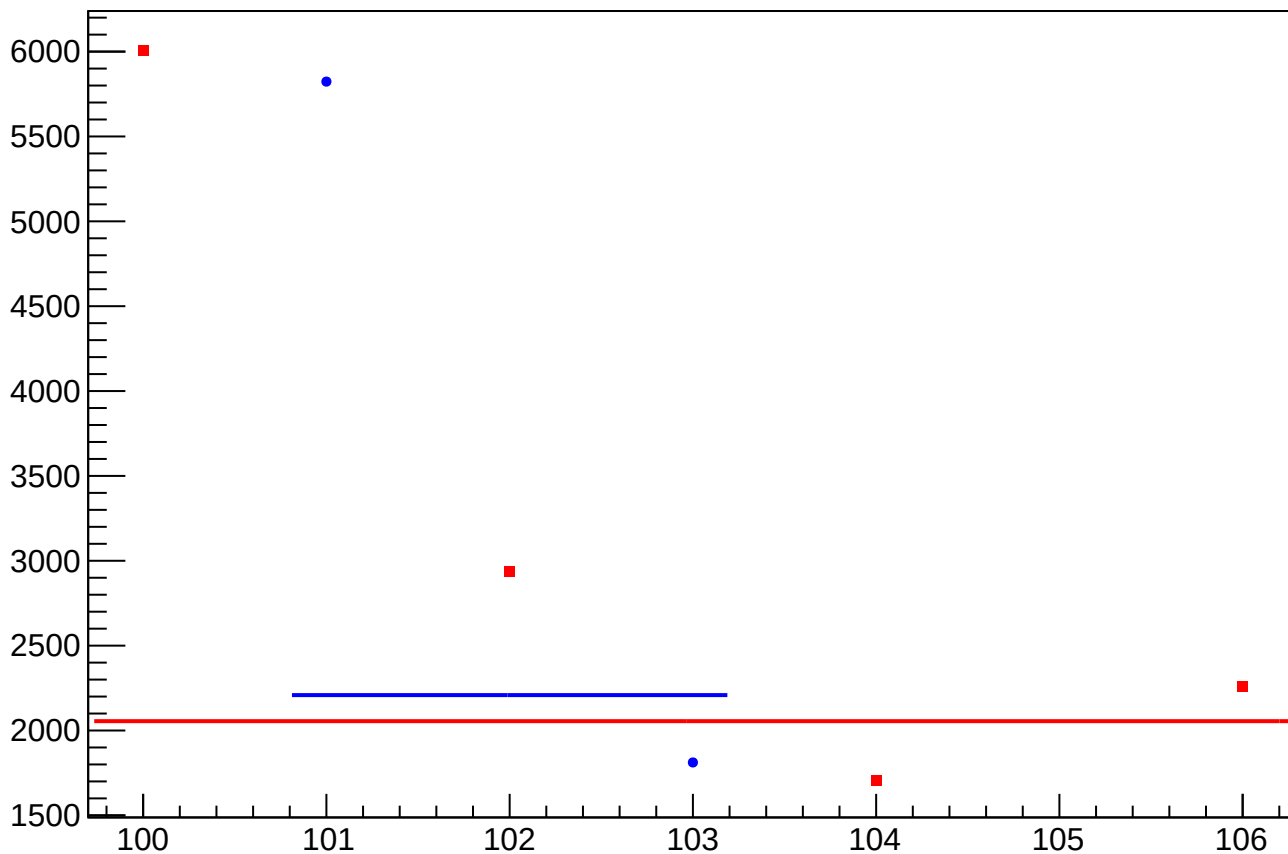
Right: 568.272+/-1495.185 χ^2 /NDF: 2.7/5

In: 1725.664+/-2260.380 χ^2 /NDF: 0.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 568.272+/-1495.185 χ^2 /NDF: 2.7/5

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2208.580+/-1.598 χ^2/NDF : 561500.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.070+/-1.368 χ^2/NDF : 184338.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

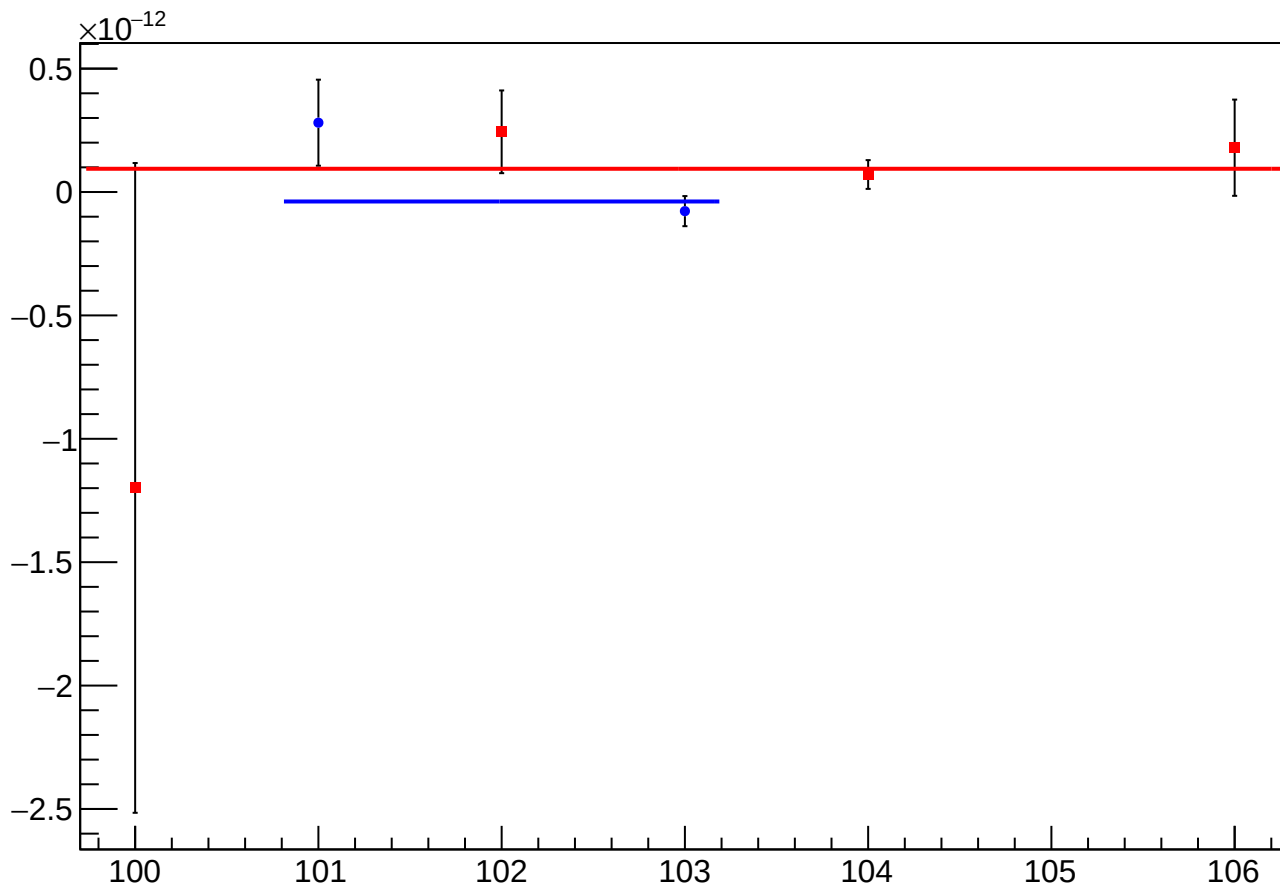
Right: 2119.975+/-1.039 χ^2/NDF : 751163.8/5

In: 2208.580+/-1.598 χ^2/NDF : 561500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2119.975+/-1.039 χ^2/NDF : 751163.8/5

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

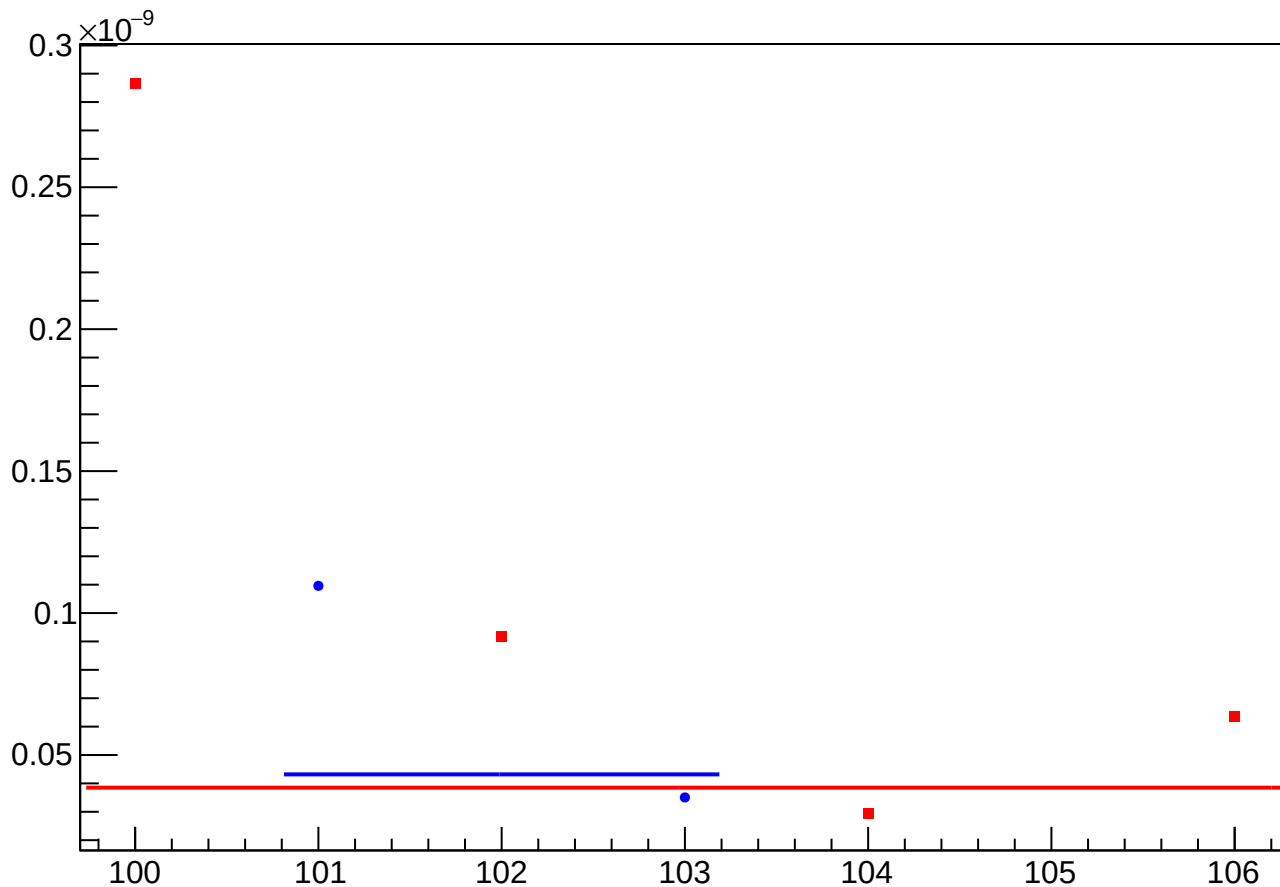
Right: 0.000+/-0.000 χ^2/NDF : 8.7/5

In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/5

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 325612.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 354926.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

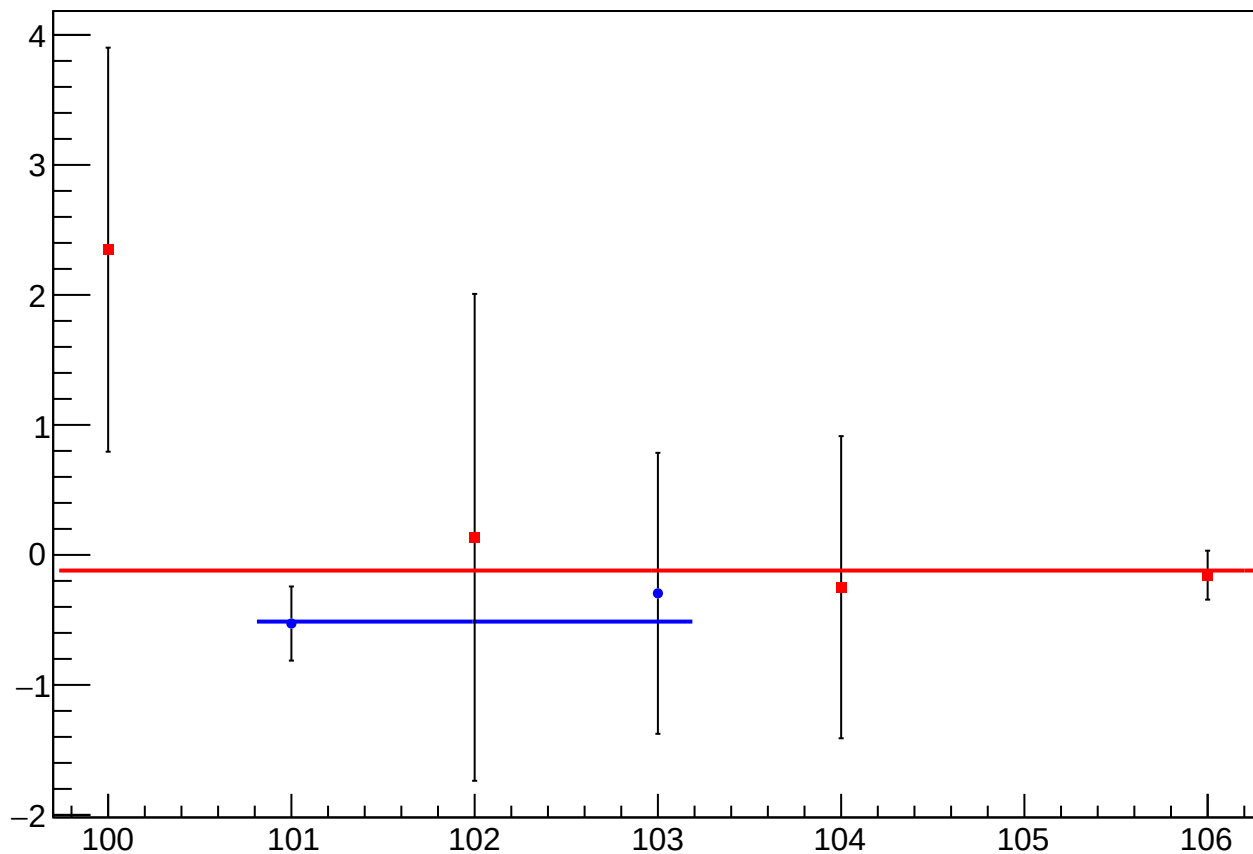
Right: 0.000+/-0.000 χ^2/NDF : 687683.4/5

In: 0.000+/-0.000 χ^2/NDF : 325612.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 687683.4/5

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.120 $\pm$ 0.184 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

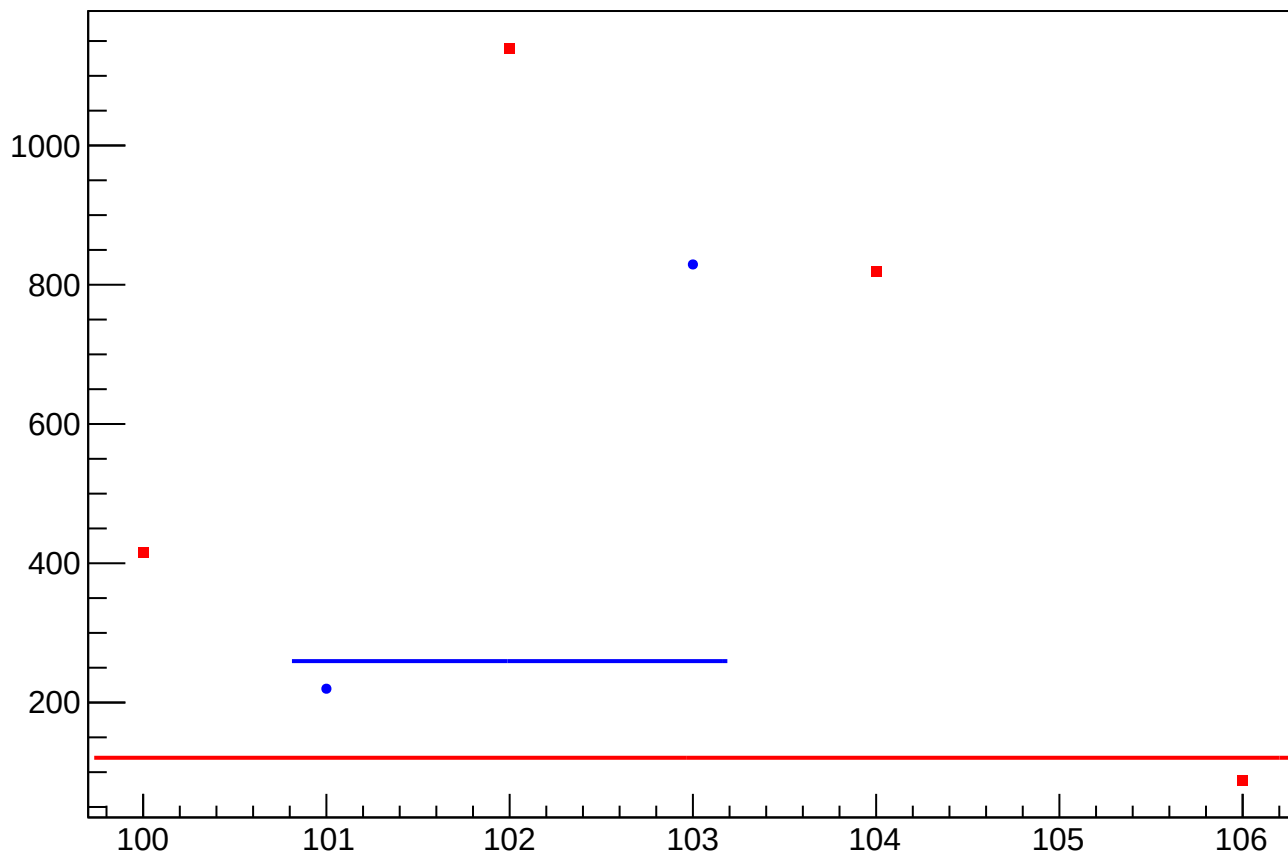
Right: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.677+/-0.130 χ^2/NDF : 1445996.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

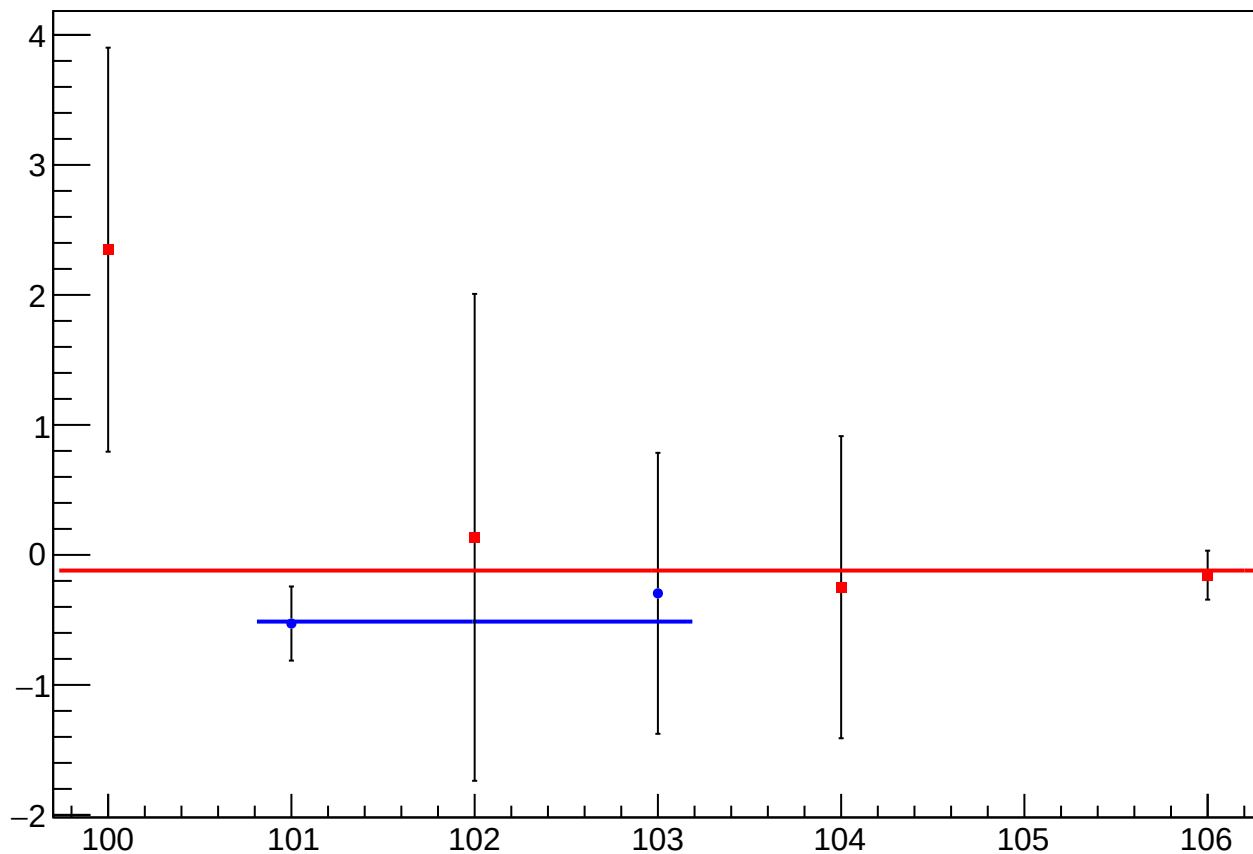
Right: 163.359+/-0.108 χ^2/NDF : 2391693.2/5

In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.359+/-0.108 χ^2/NDF : 2391693.2/5

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.120 $\pm$ 0.184 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

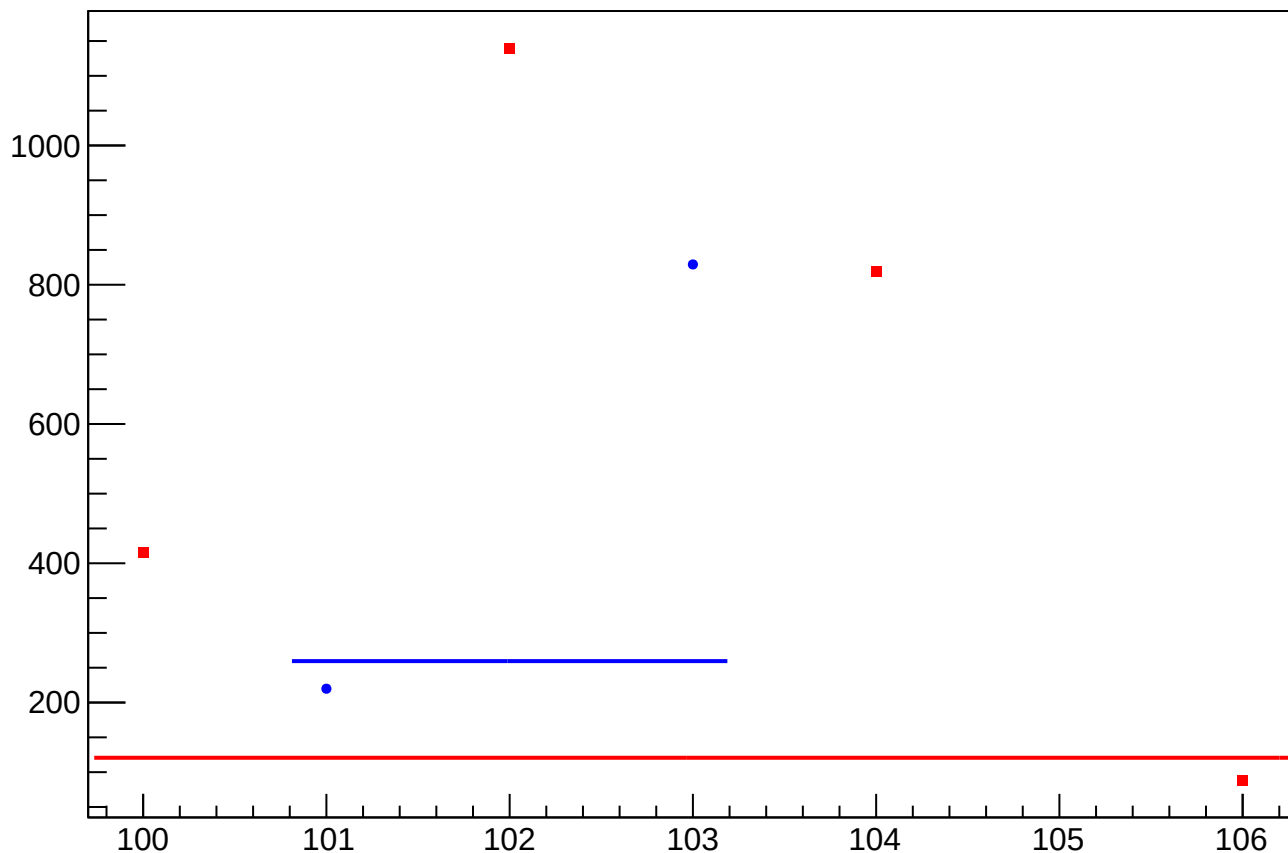
Right: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.677+/-0.130 χ^2/NDF : 1445996.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

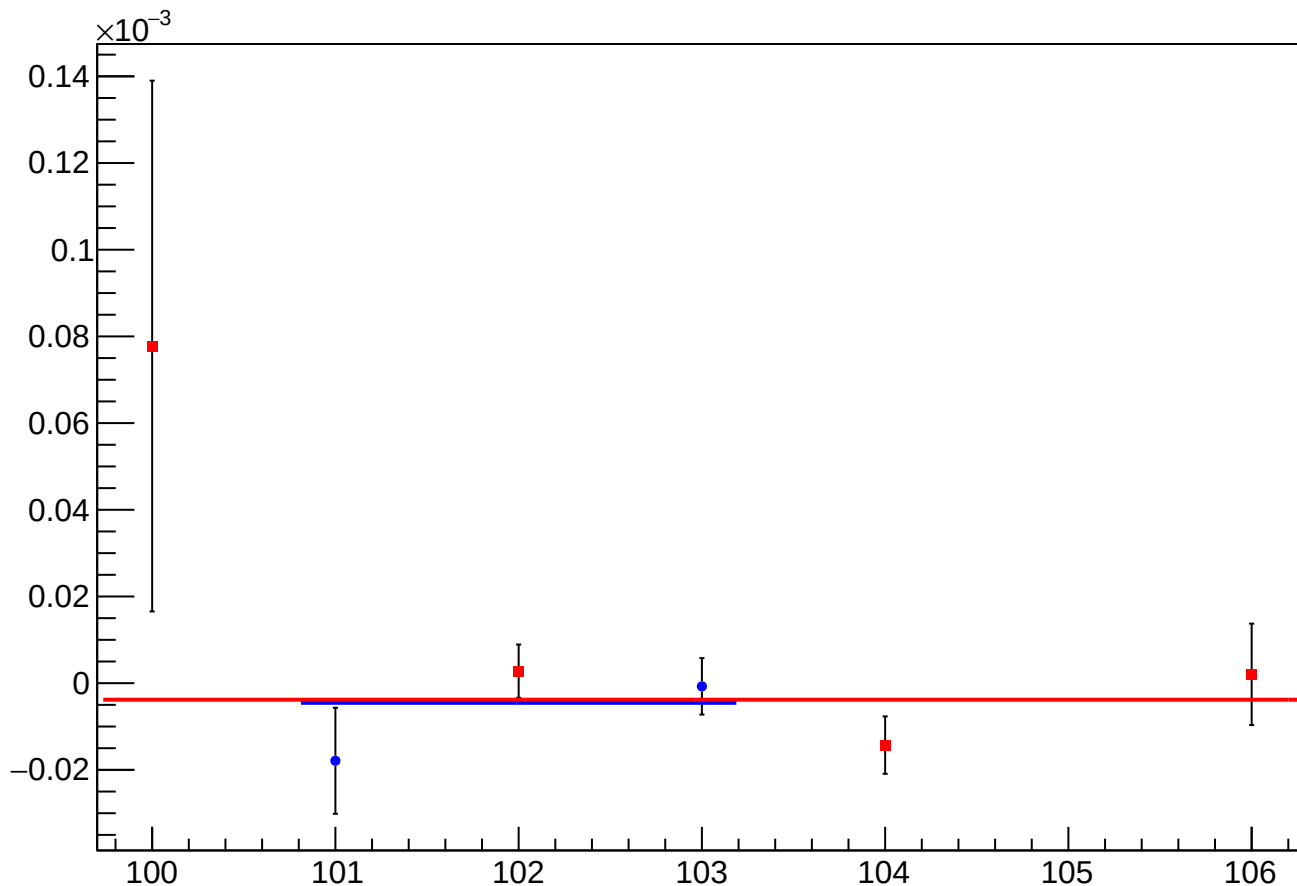
Right: 163.359+/-0.108 χ^2/NDF : 2391693.2/5

In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.359+/-0.108 χ^2/NDF : 2391693.2/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

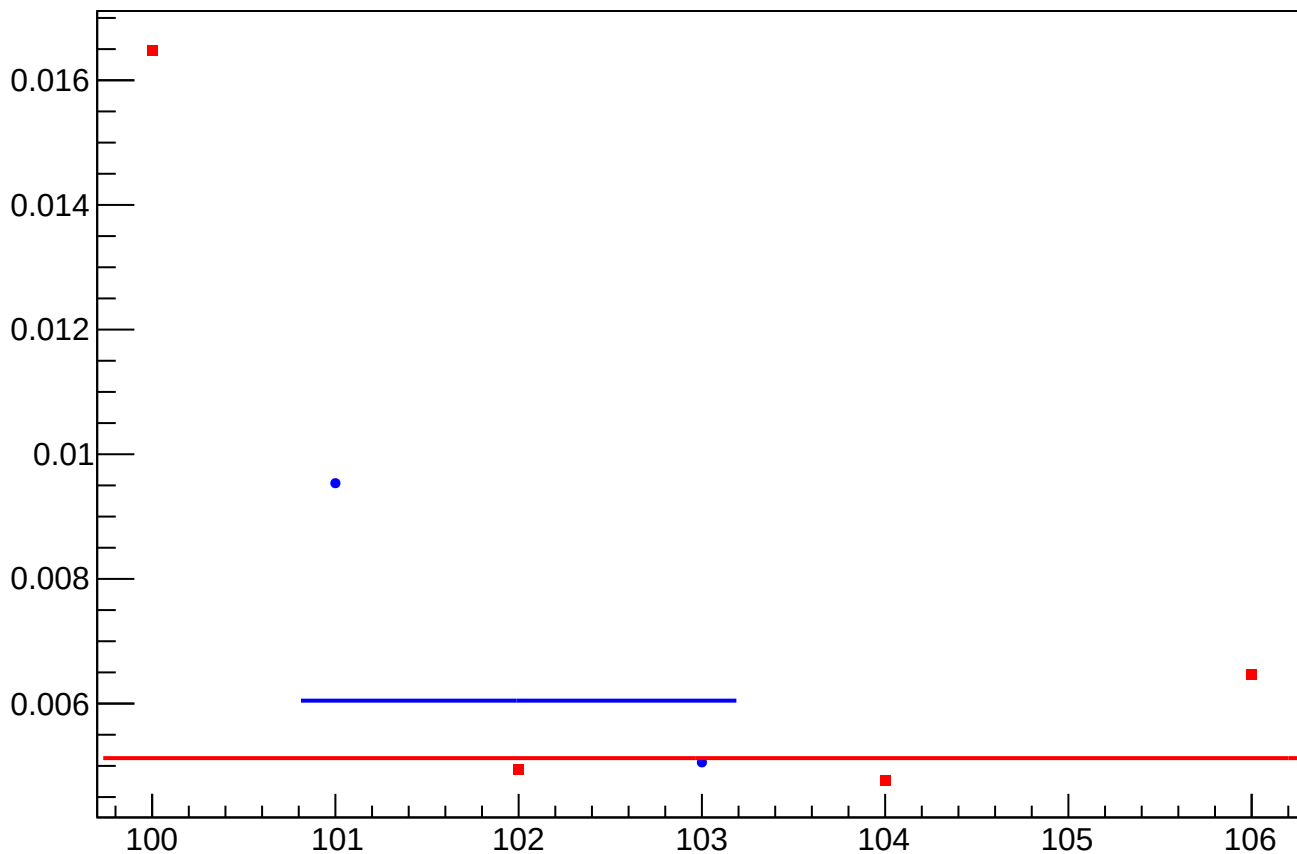
Right: -0.000+/-0.000 χ^2/NDF : 7.2/5

In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.2/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 208846.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 102737.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

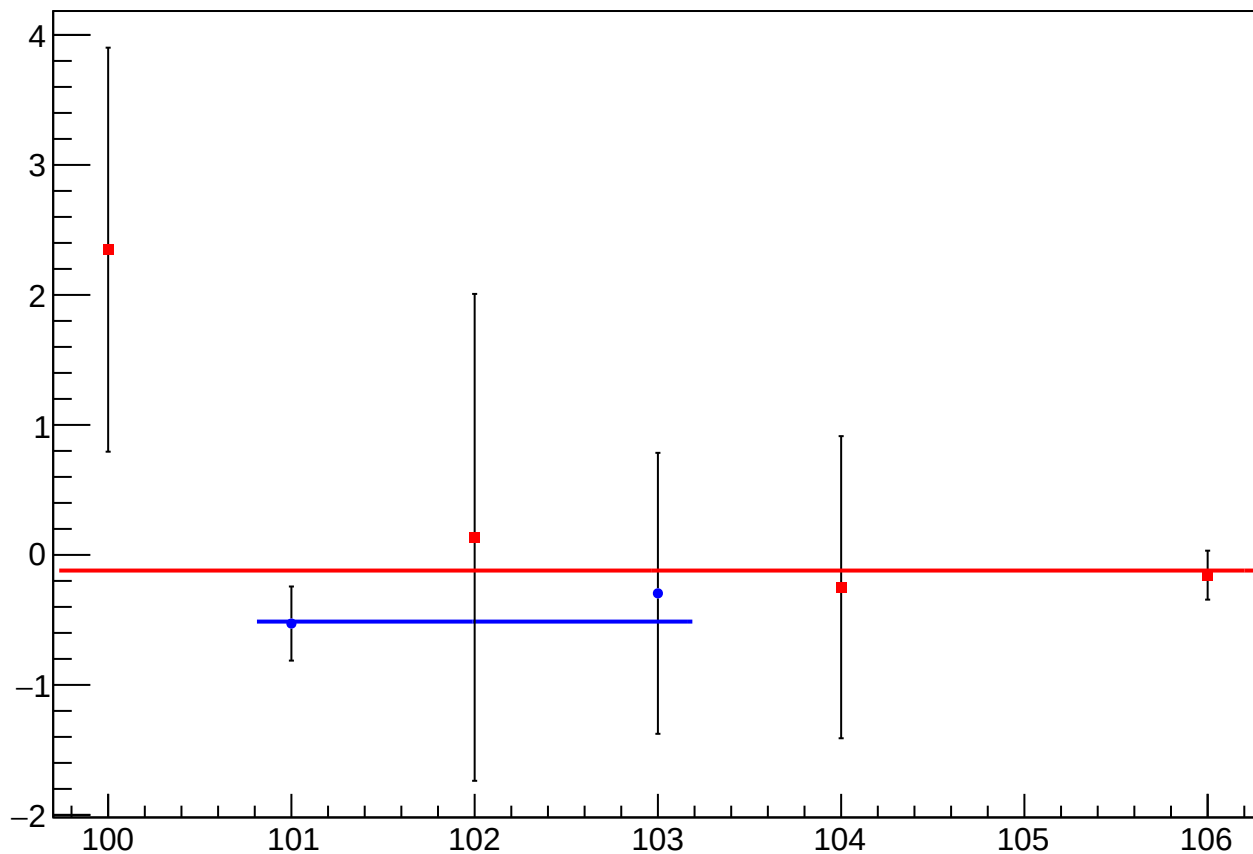
Right: 0.005+/-0.000 χ^2/NDF : 345132.8/5

In: 0.006+/-0.000 χ^2/NDF :208846.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 345132.8/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.120 $\pm$ 0.184 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

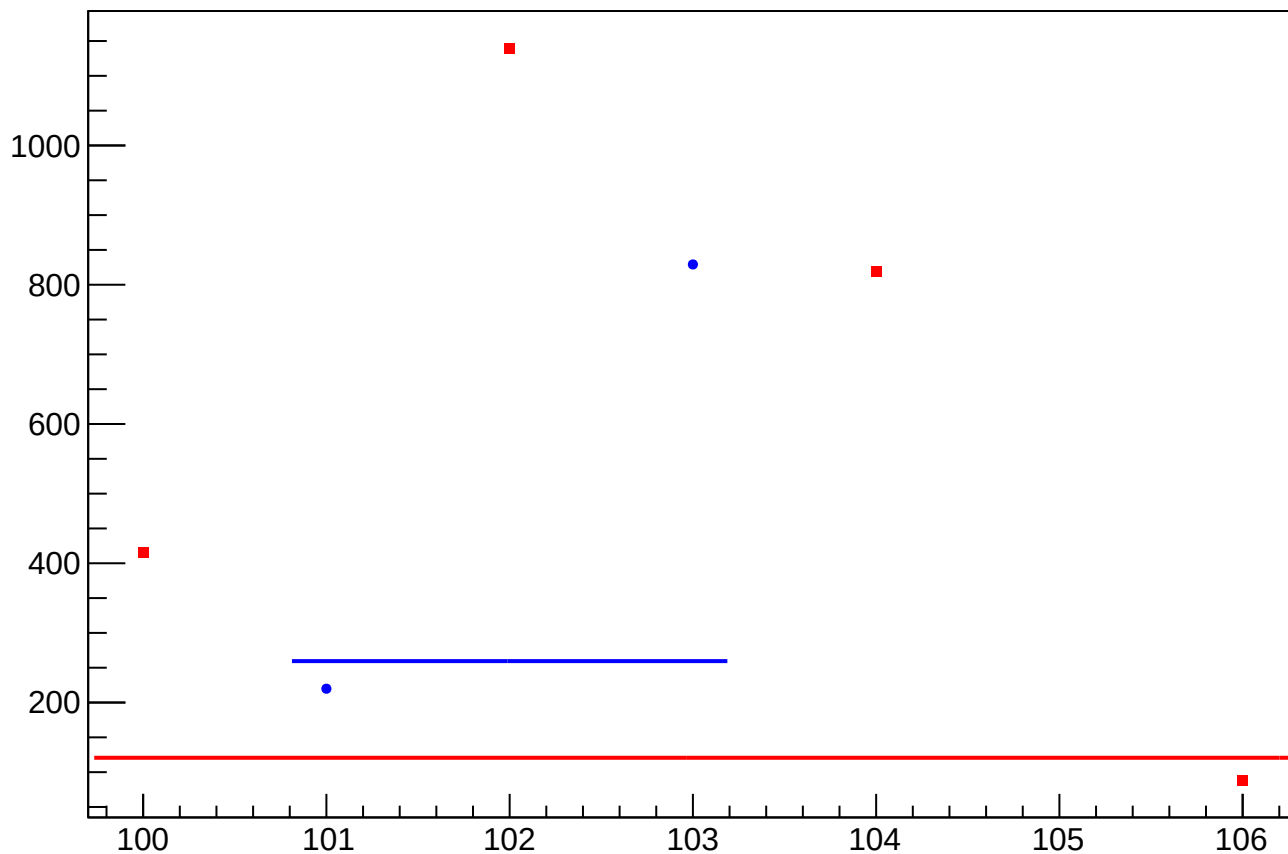
Right: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

In: -0.513 $\pm$ 0.276 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.241 $\pm$ 0.153 χ^2 /NDF: 4.0/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.675+/-0.130 χ^2/NDF : 1446003.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

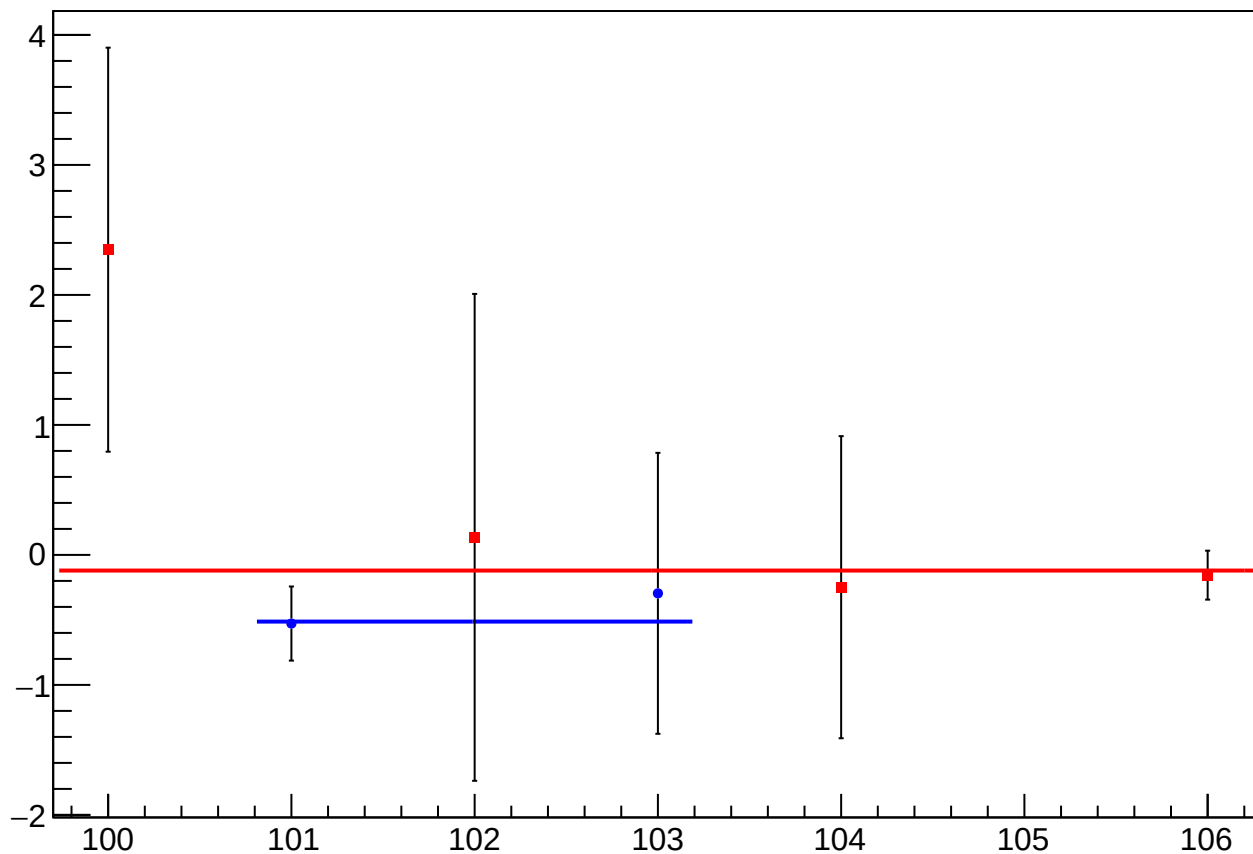
Right: 163.356+/-0.108 χ^2/NDF : 2391713.4/5

In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.356+/-0.108 χ^2/NDF : 2391713.4/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 ± 0.276 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.120 ± 0.184 χ^2/NDF : 2.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

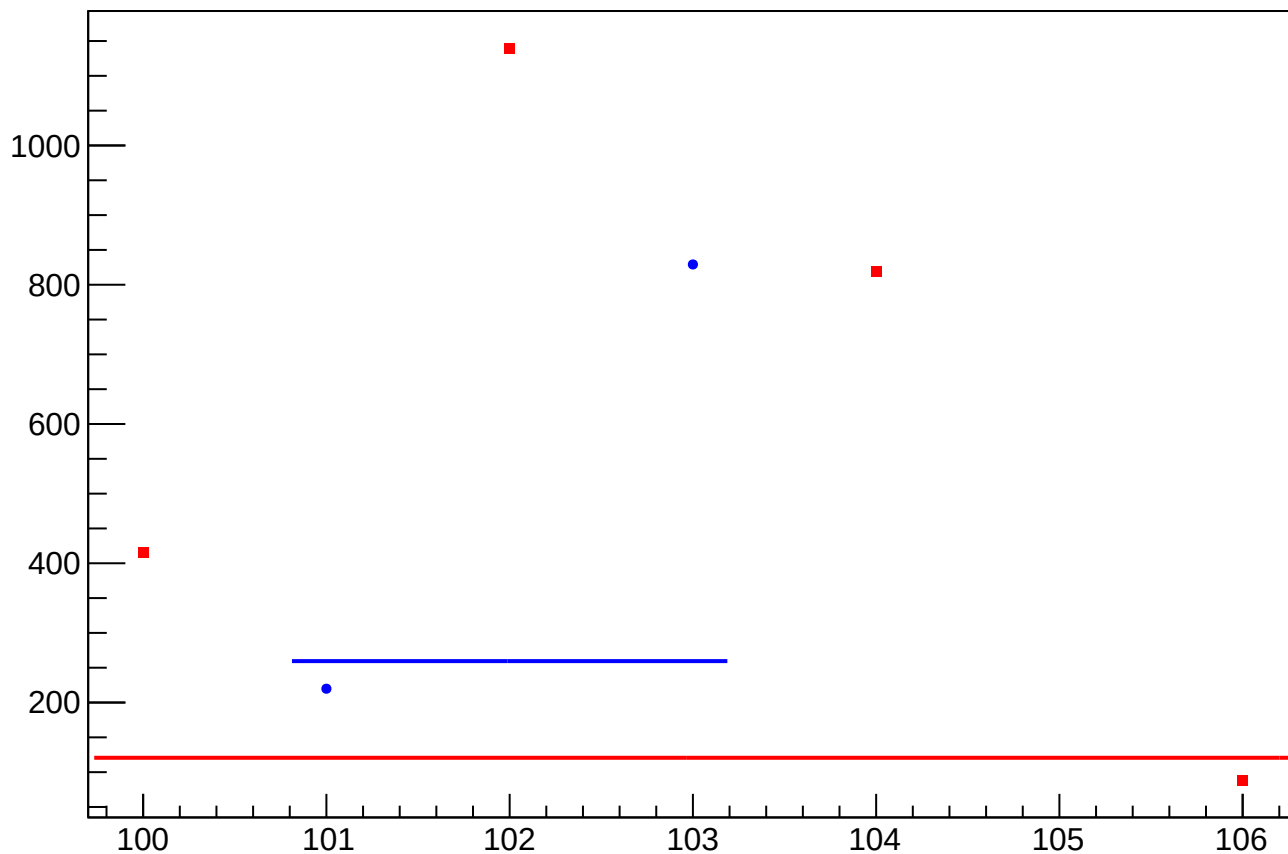
Right: -0.241 ± 0.153 χ^2/NDF : 4.0/5

In: -0.513 ± 0.276 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.241 ± 0.153 χ^2/NDF : 4.0/5

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.675+/-0.130 χ^2/NDF : 1446003.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

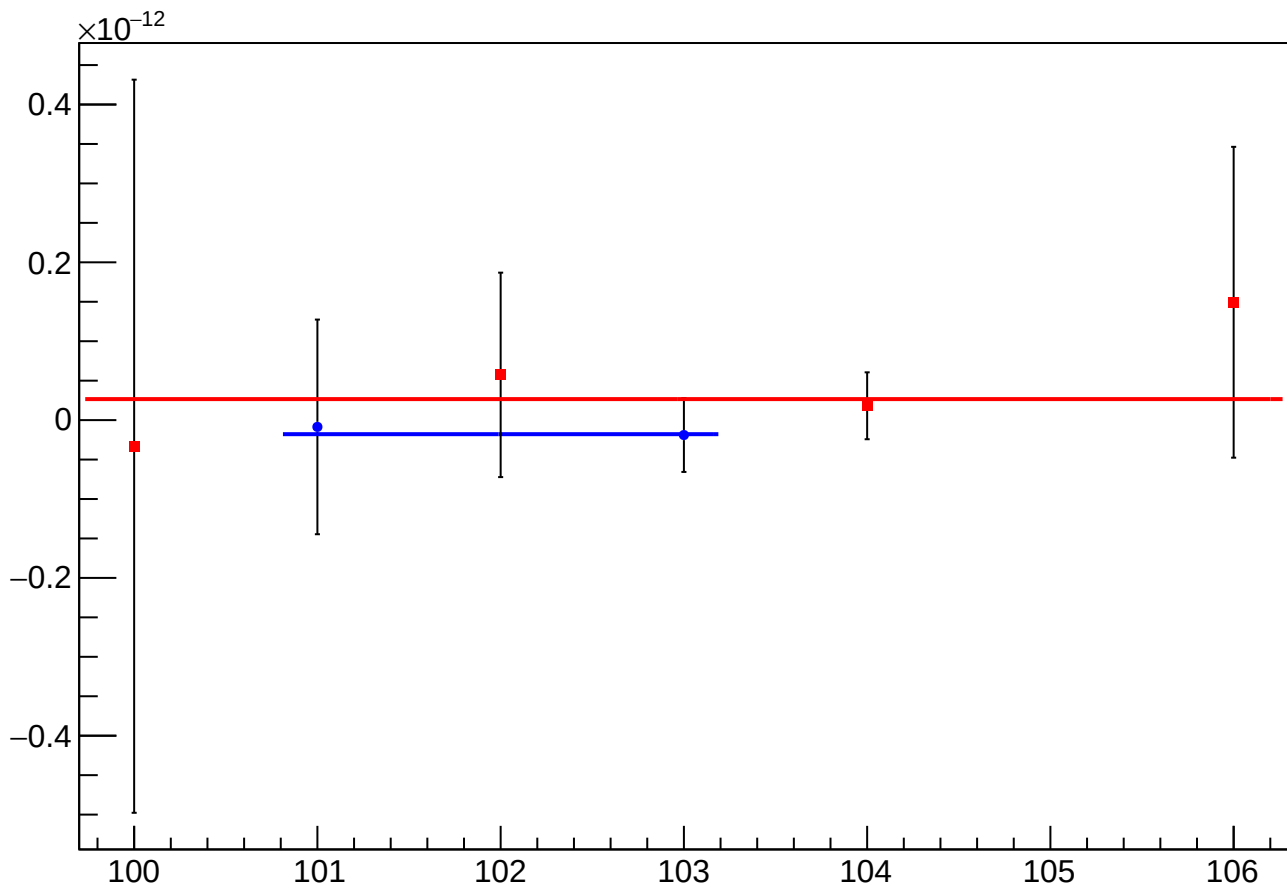
Right: 163.356+/-0.108 χ^2/NDF : 2391713.4/5

In: 259.485+/-0.195 χ^2/NDF : 594400.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.356+/-0.108 χ^2/NDF : 2391713.4/5

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

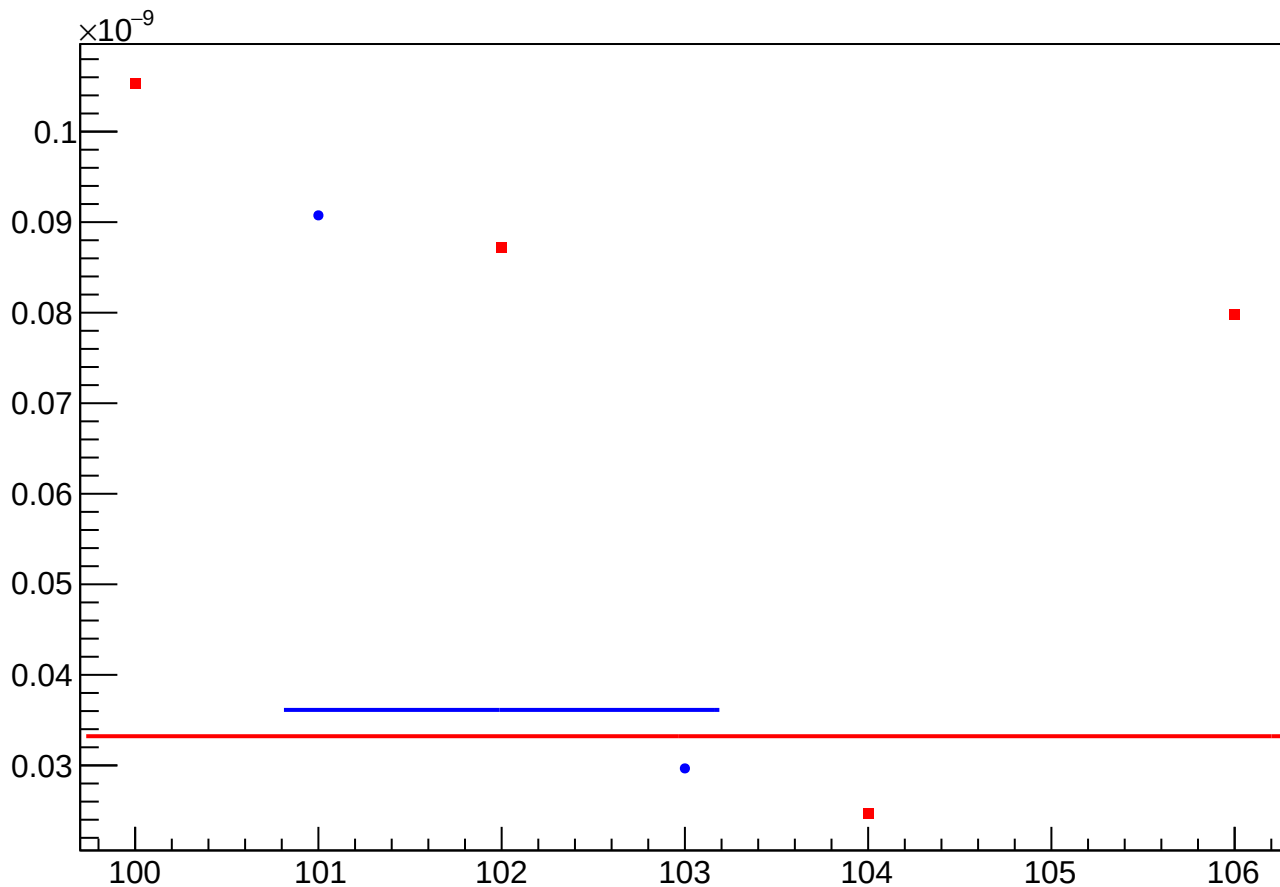
Right: 0.000+/-0.000 χ^2 /NDF: 1.1/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1.1/5

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 360575.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 588363.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

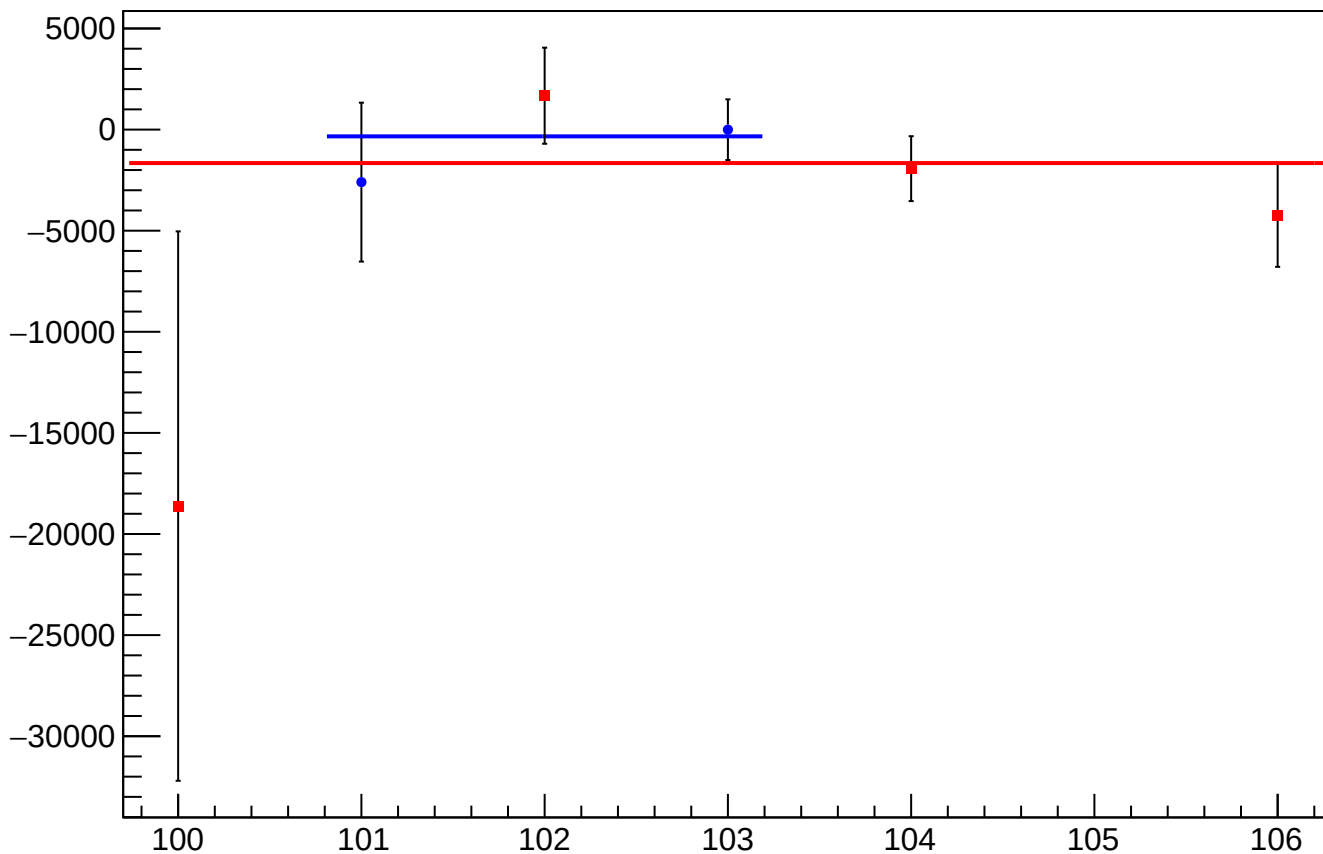
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 953758.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:360575.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 953758.1/5

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1655.318+/-1176.026 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

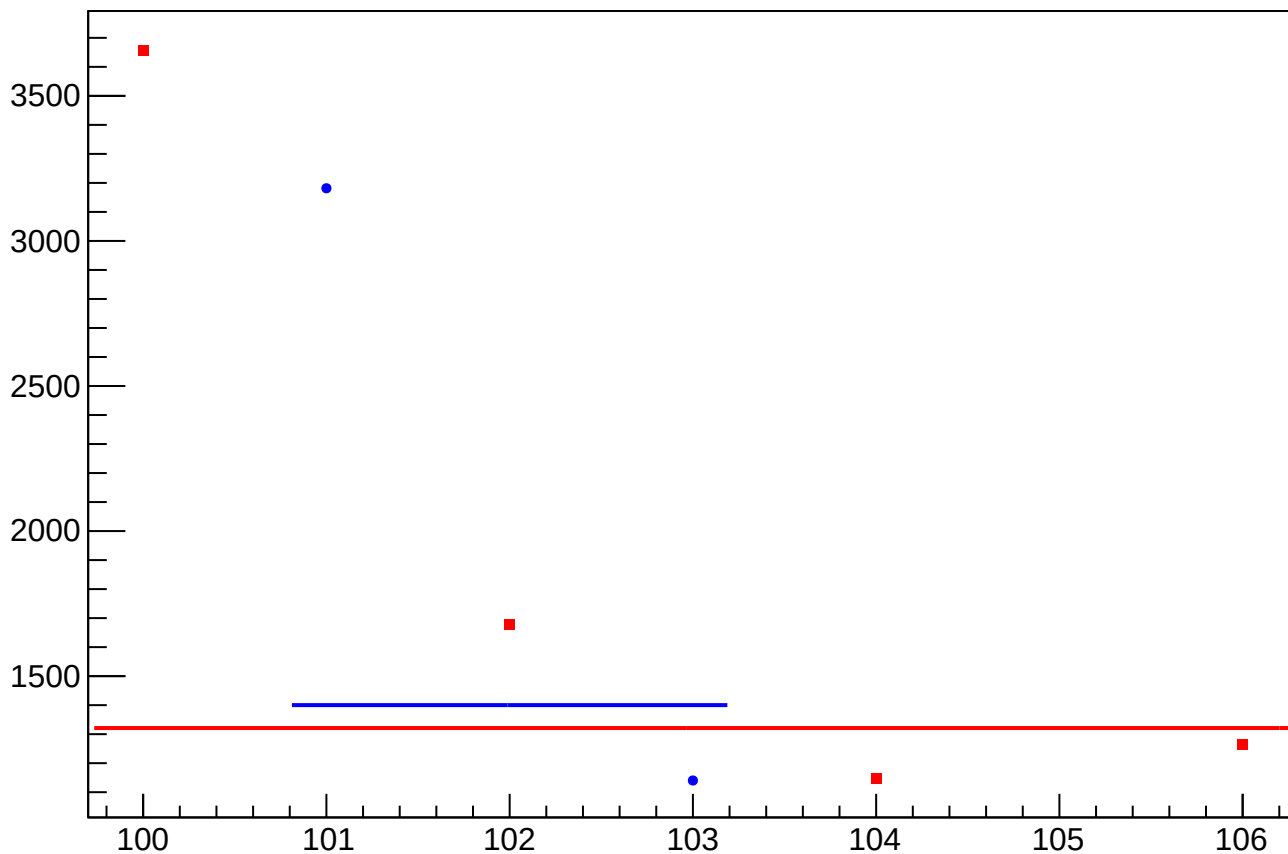
Right: -1109.430+/-900.891 χ^2/NDF : 5.5/5

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1109.430+/-900.891 χ^2/NDF : 5.5/5

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.088+/-0.832 χ^2/NDF : 127964.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

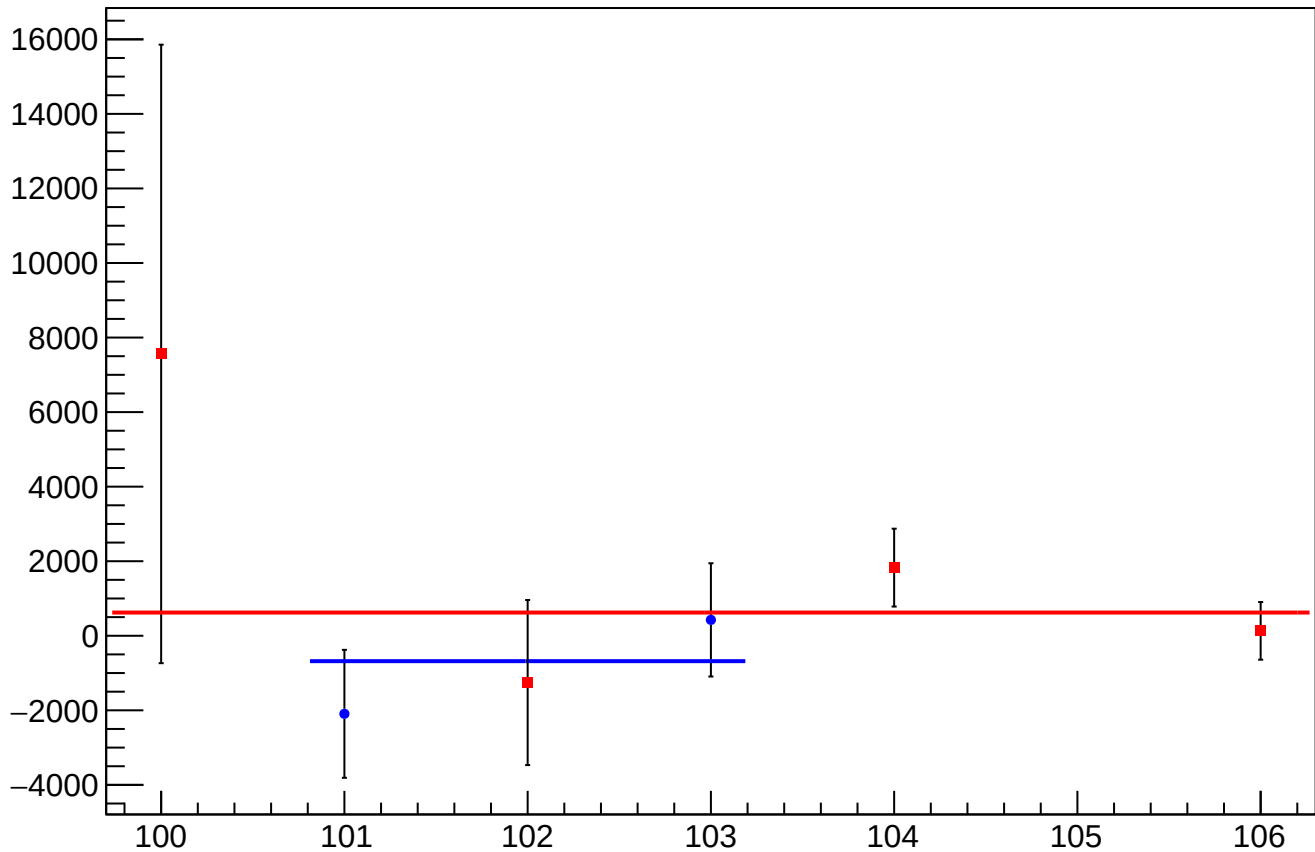
Right: 1353.739+/-0.637 χ^2/NDF : 602901.4/5

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.739+/-0.637 χ^2/NDF : 602901.4/5

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.013+/-596.753 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

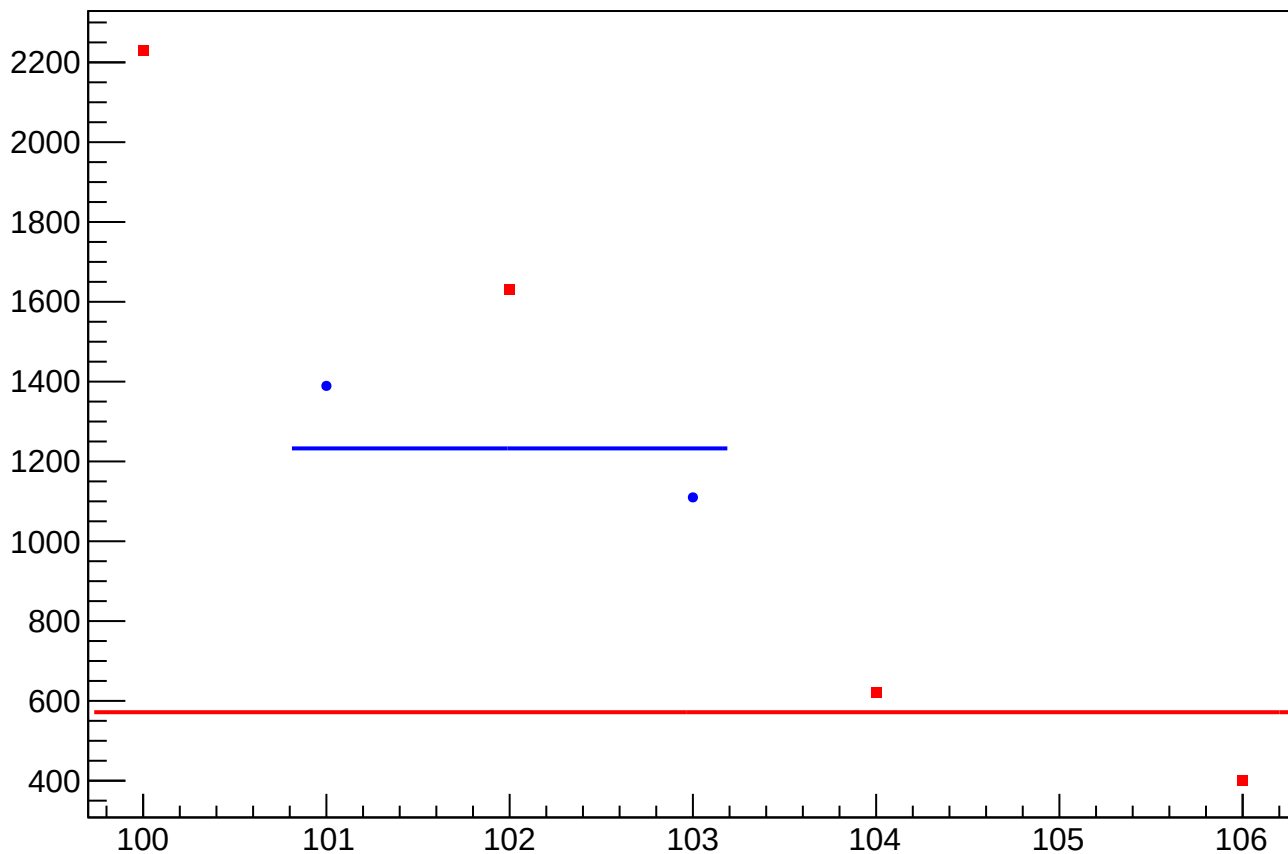
Right: 341.584+/-528.449 χ^2/NDF : 5.4/5

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.584+/-528.449 χ^2/NDF : 5.4/5

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.629+/-0.422 χ^2/NDF : 640811.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

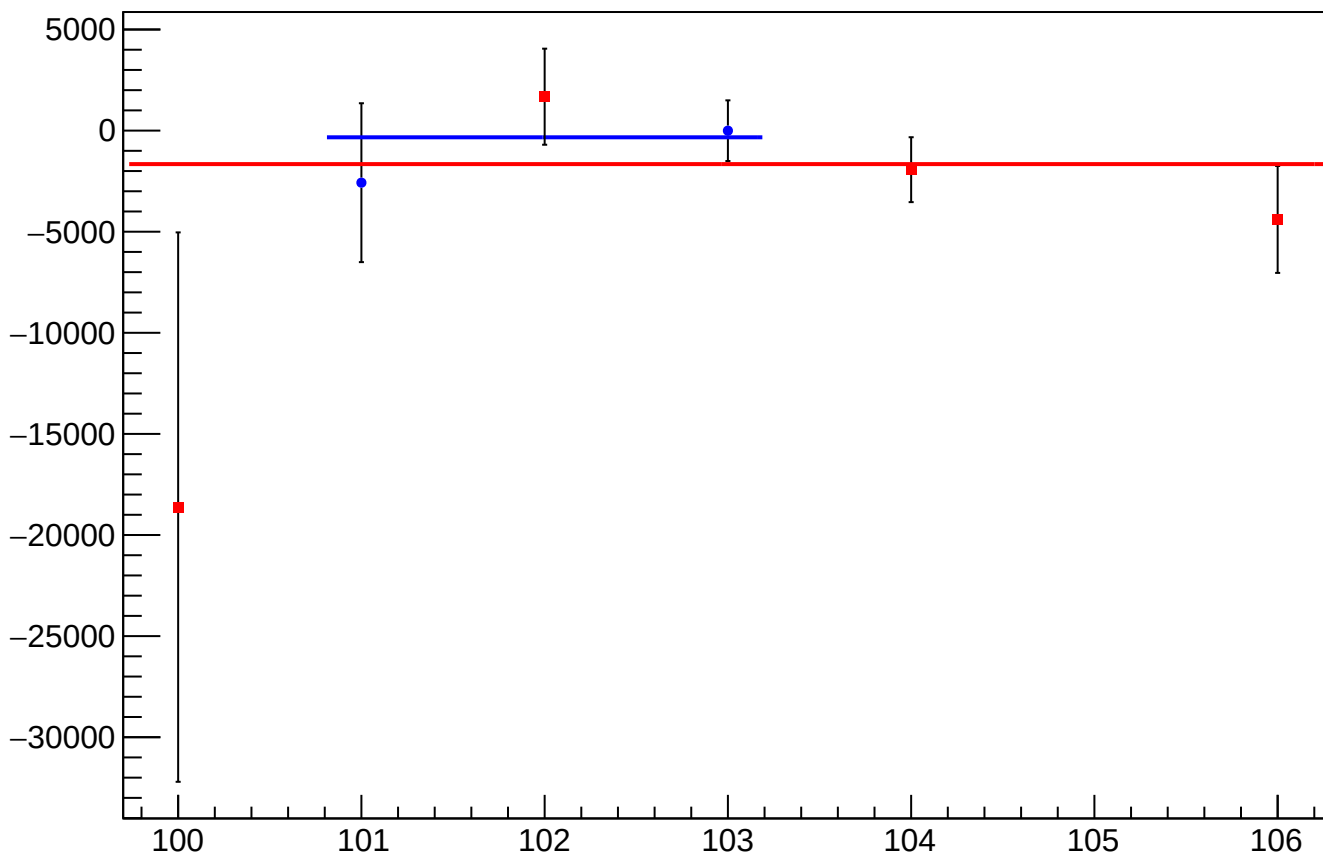
Right: 714.295+/-0.374 χ^2/NDF : 1200189.5/5

In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.295+/-0.374 χ^2/NDF : 1200189.5/5

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1656.483+/-1183.502 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

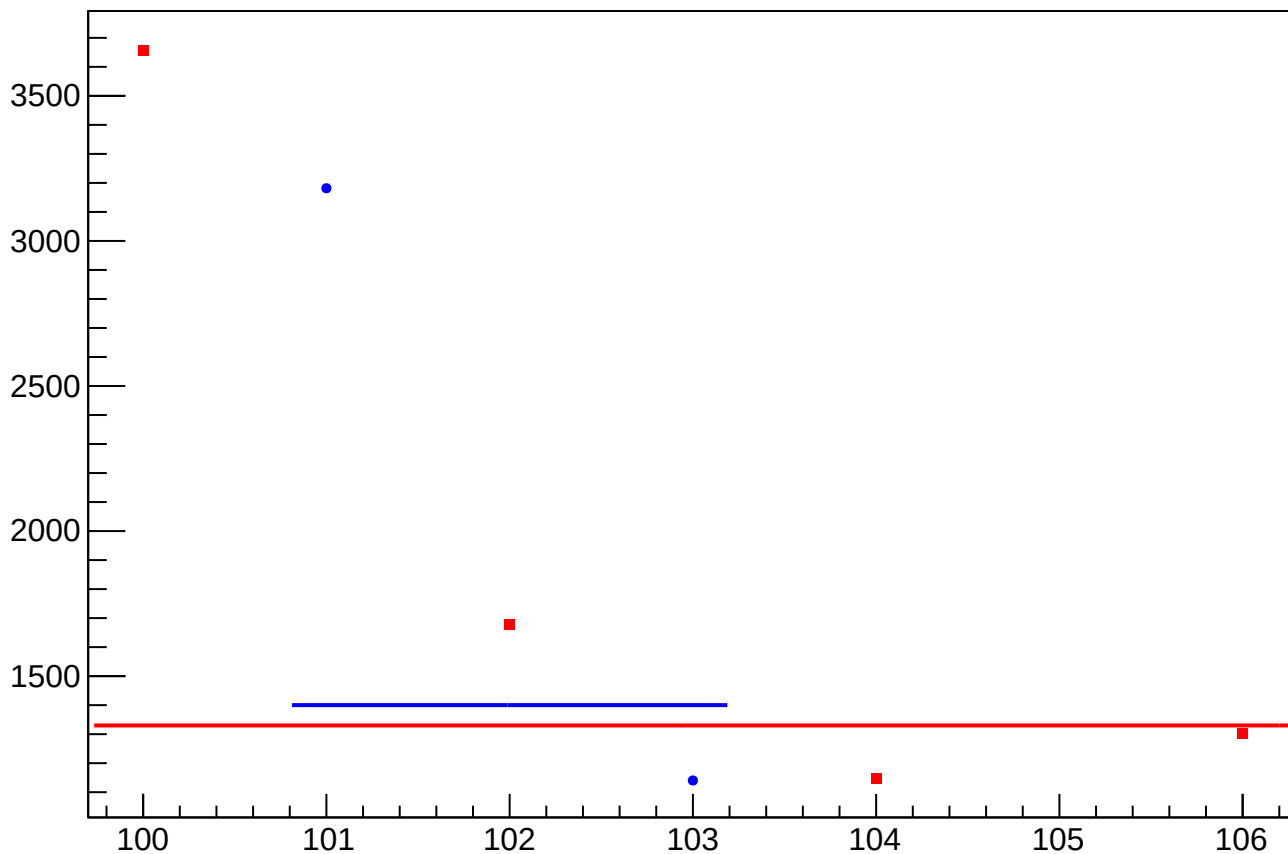
Right: -1104.840+/-904.239 χ^2/NDF : 5.5/5

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.840+/-904.239 χ^2/NDF : 5.5/5

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.001+/-0.837 χ^2/NDF : 126911.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

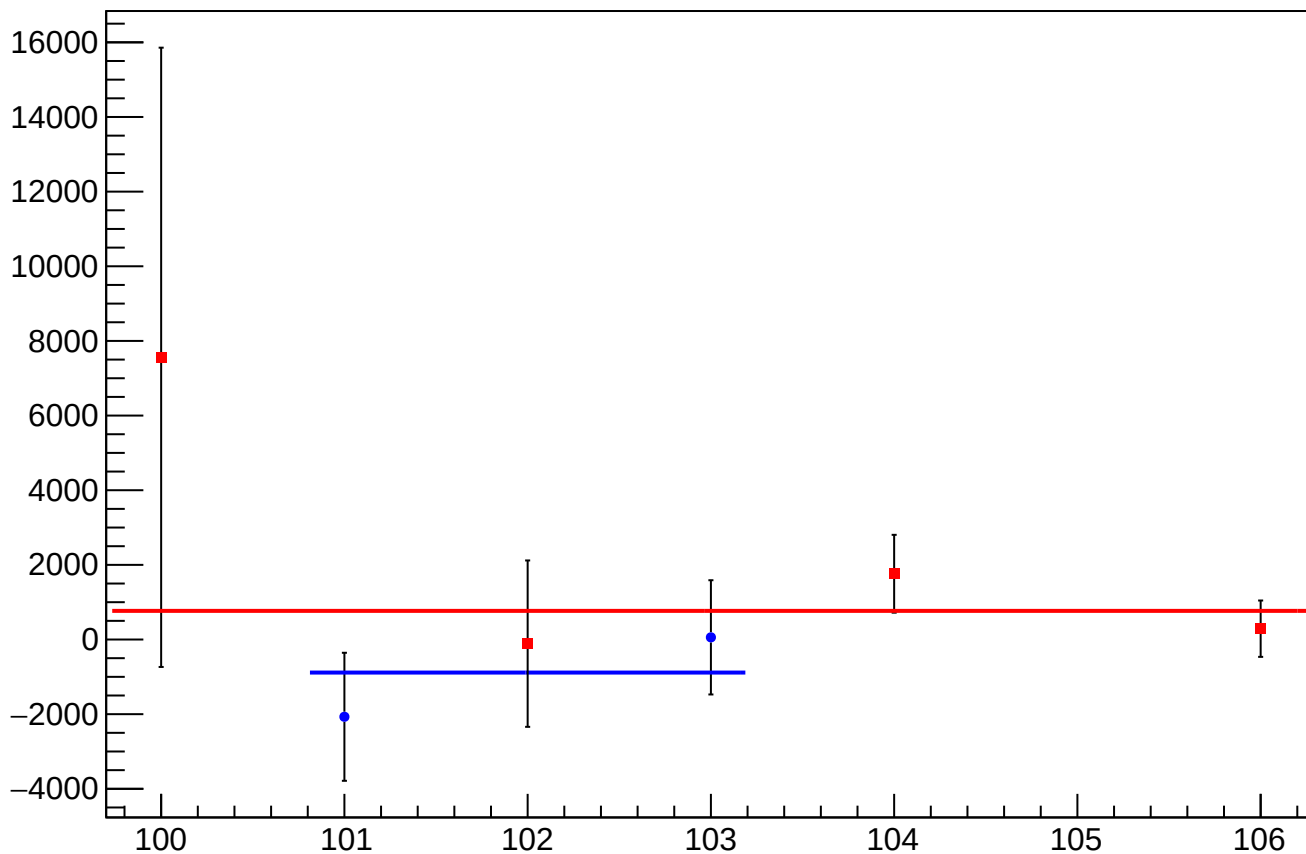
Right: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.392+/-588.151 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

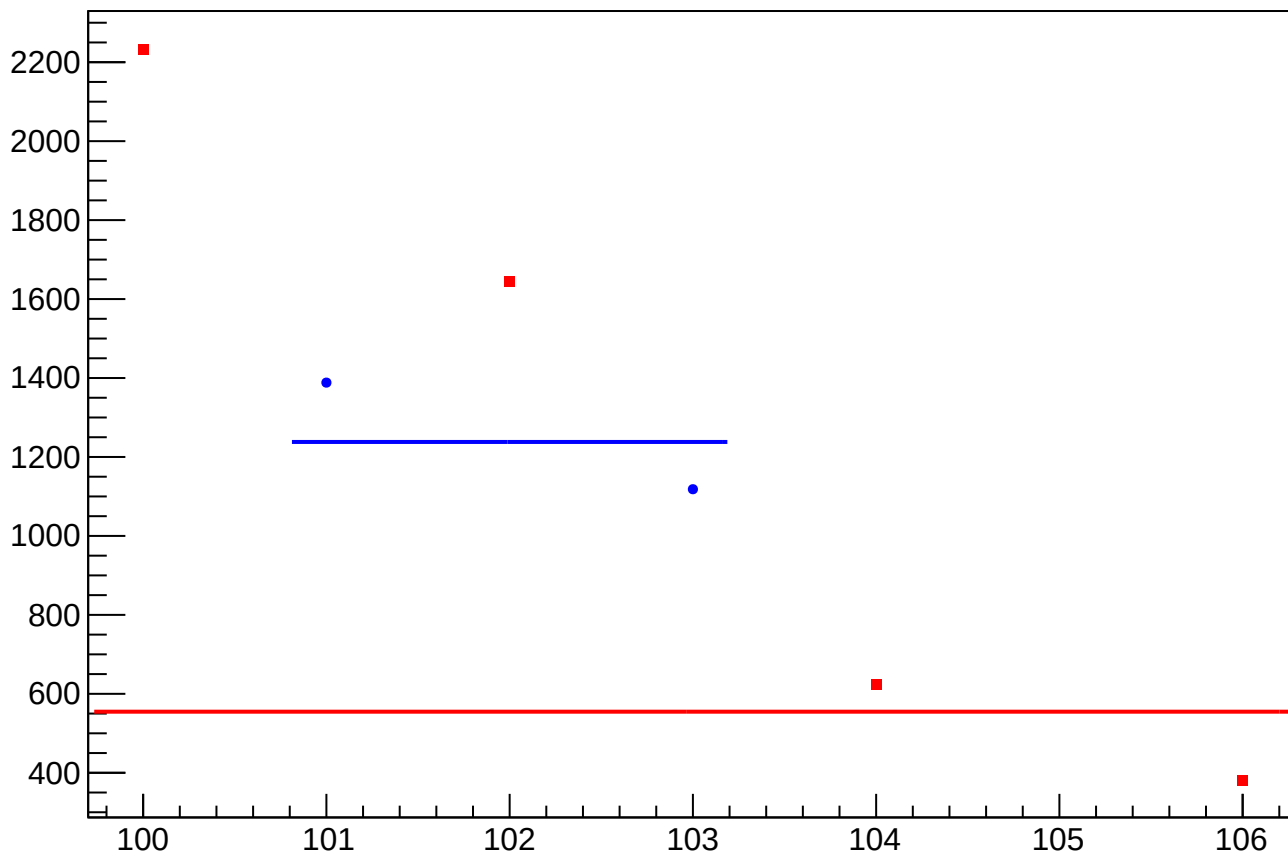
Right: 420.854+/-522.867 χ^2/NDF : 4.6/5

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.854+/-522.867 χ^2/NDF : 4.6/5

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.774+/-0.416 χ^2/NDF : 675763.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

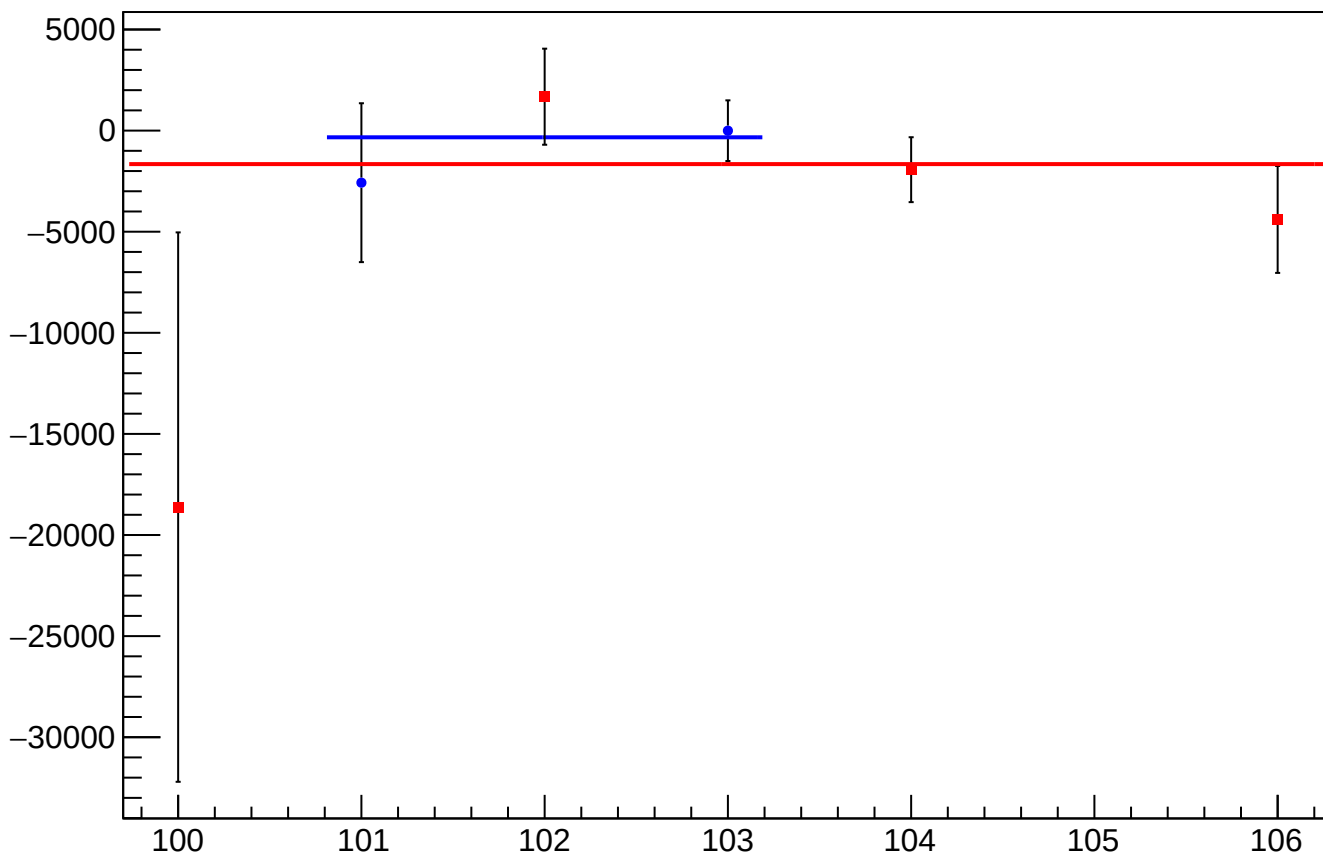
Right: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1656.483+/-1183.502 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

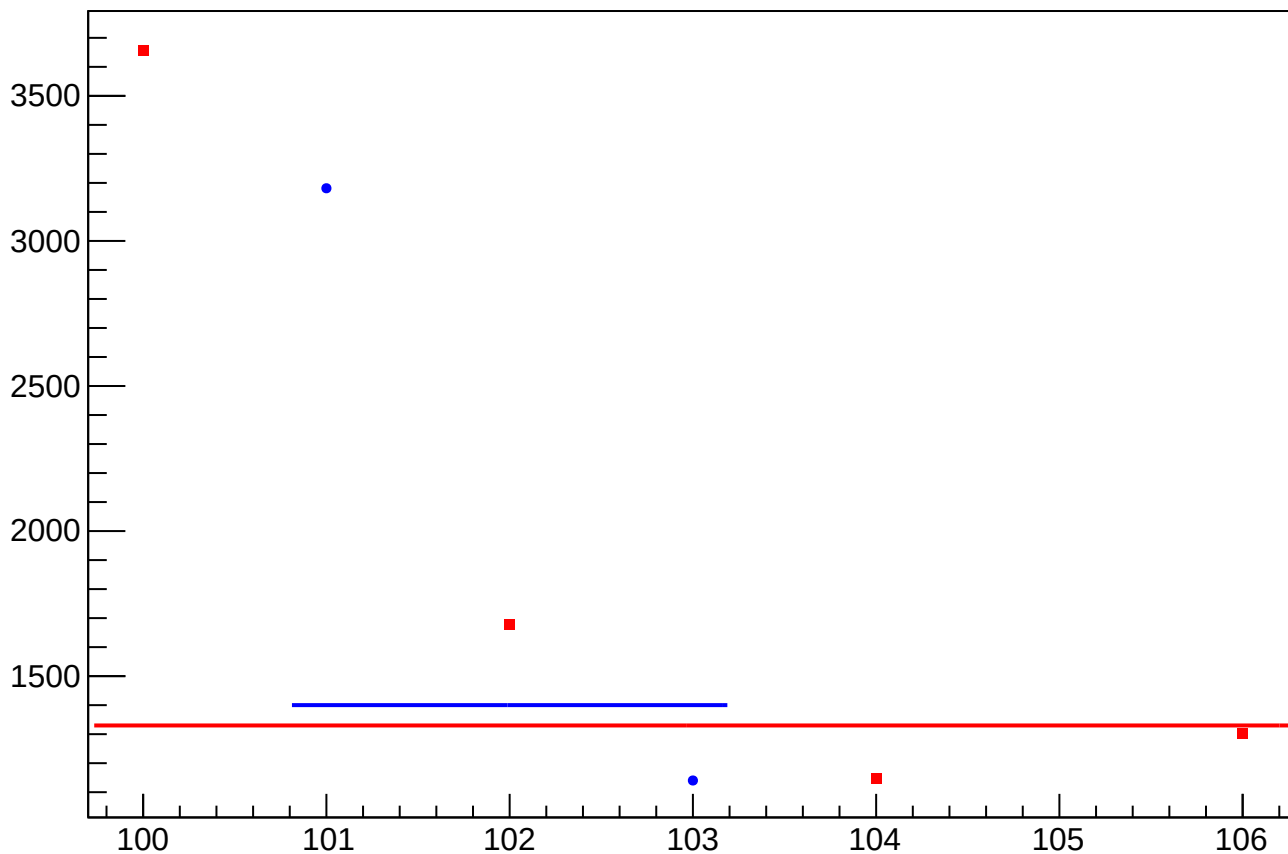
Right: -1104.840+/-904.239 χ^2/NDF : 5.5/5

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.840+/-904.239 χ^2/NDF : 5.5/5

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.001+/-0.837 χ^2/NDF : 126911.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

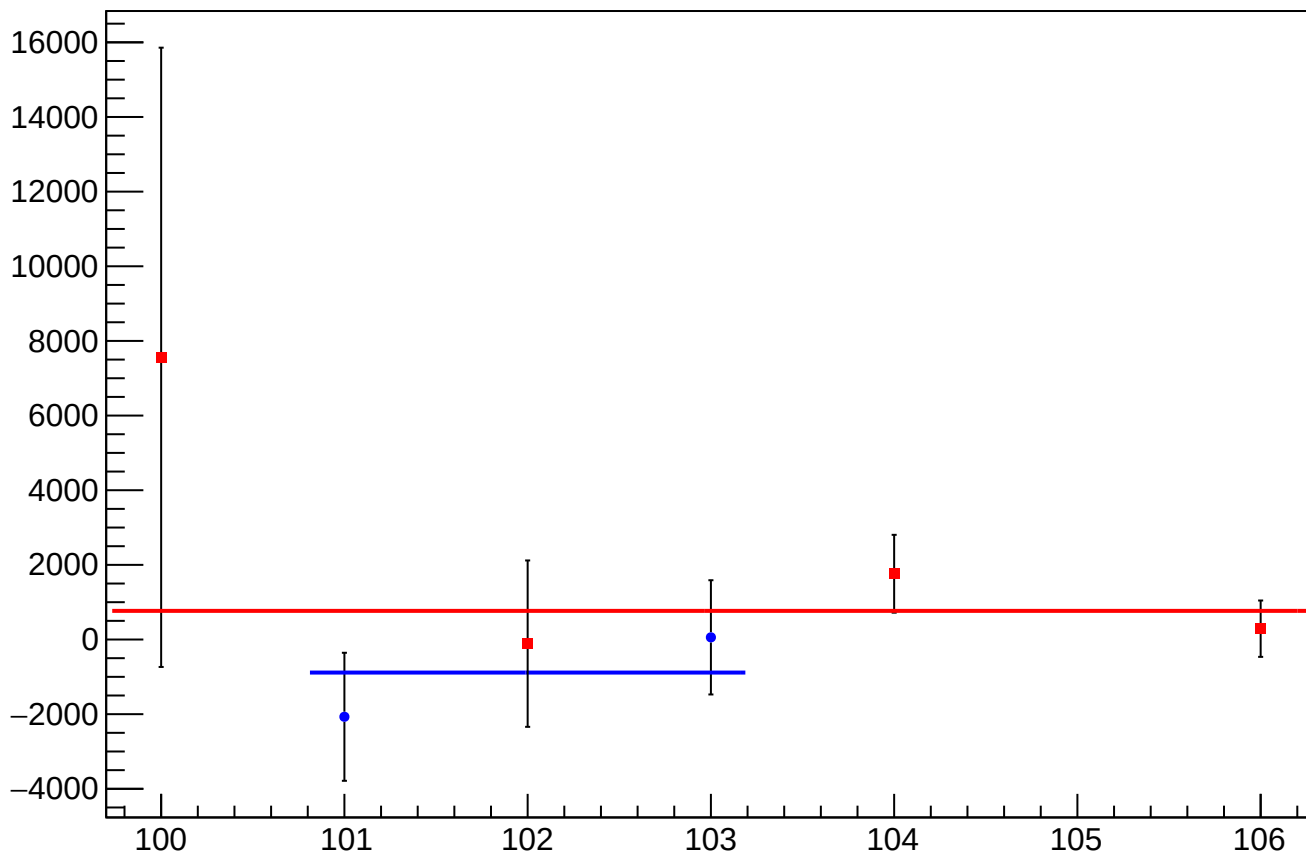
Right: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.392+/-588.151 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

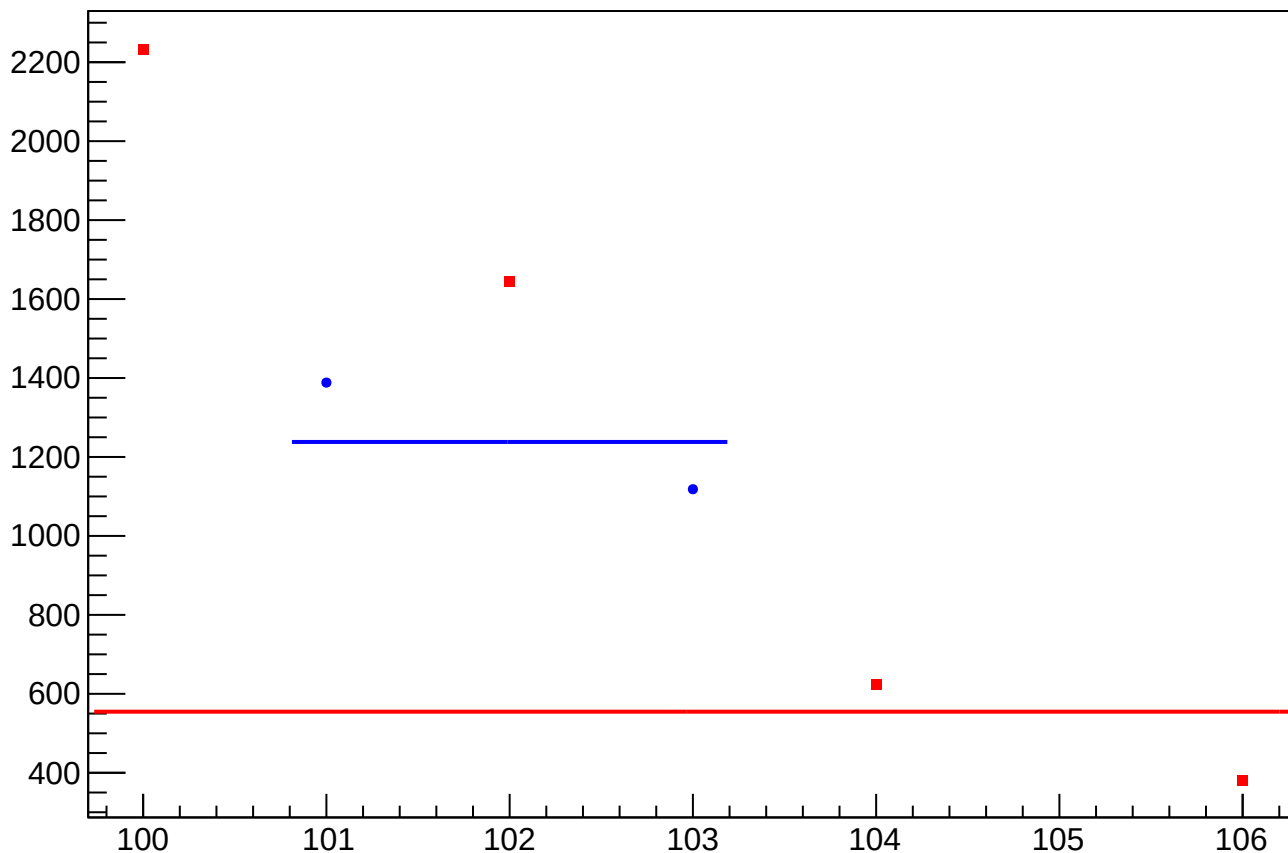
Right: 420.854+/-522.867 χ^2/NDF : 4.6/5

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.854+/-522.867 χ^2/NDF : 4.6/5

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.774+/-0.416 χ^2/NDF : 675763.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

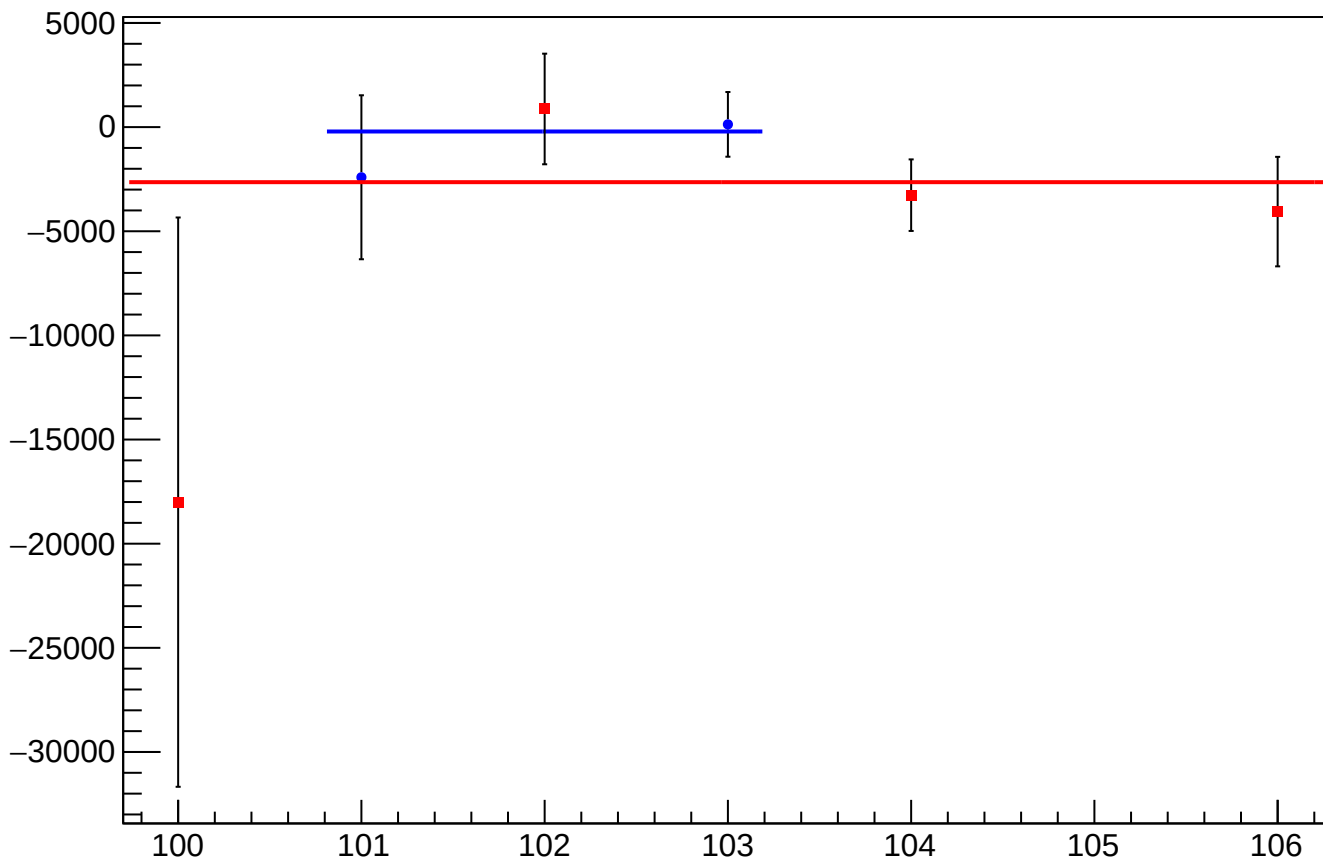
Right: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2643.399+/-1259.051 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

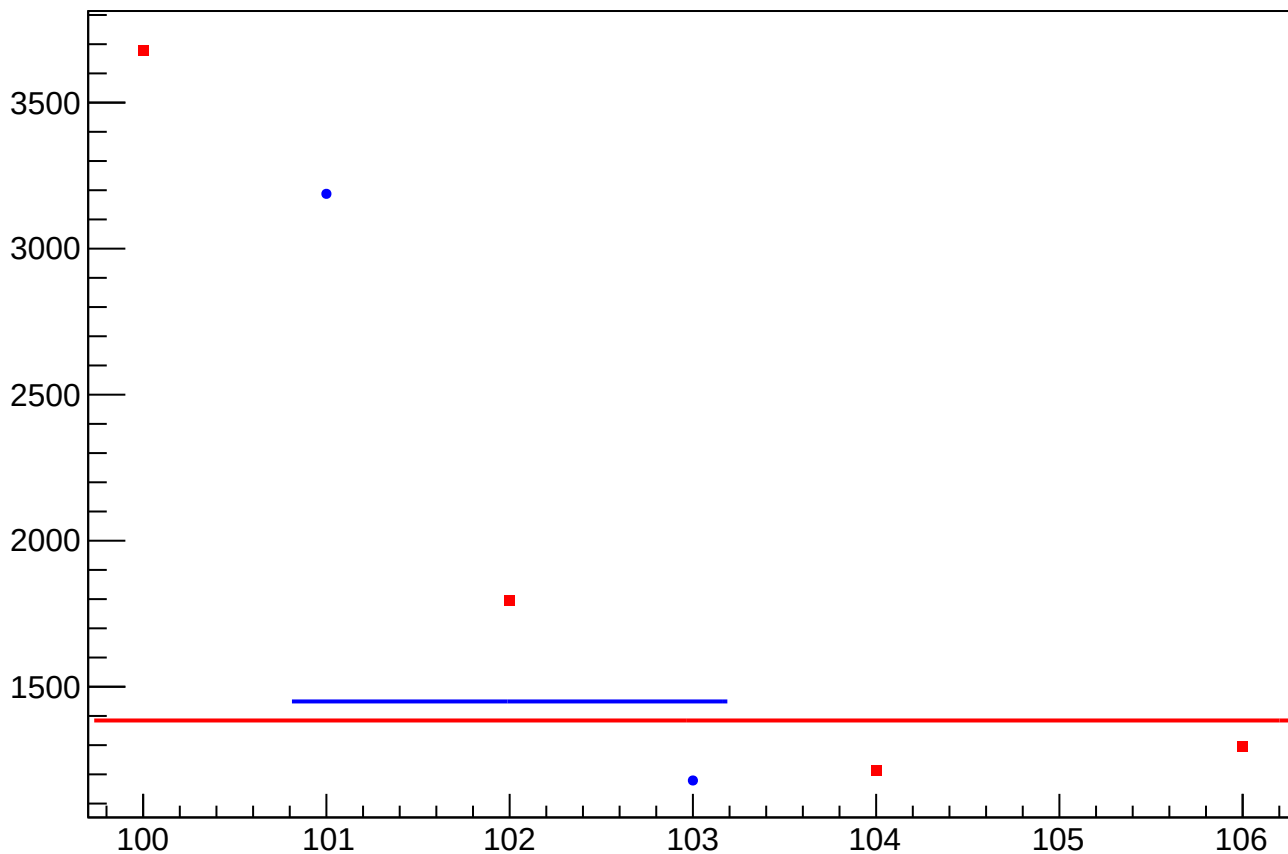
Right: -1593.240+/-949.193 χ^2/NDF : 5.4/5

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1593.240+/-949.193 χ^2/NDF : 5.4/5

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.476+/-0.890 χ^2/NDF : 126061.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

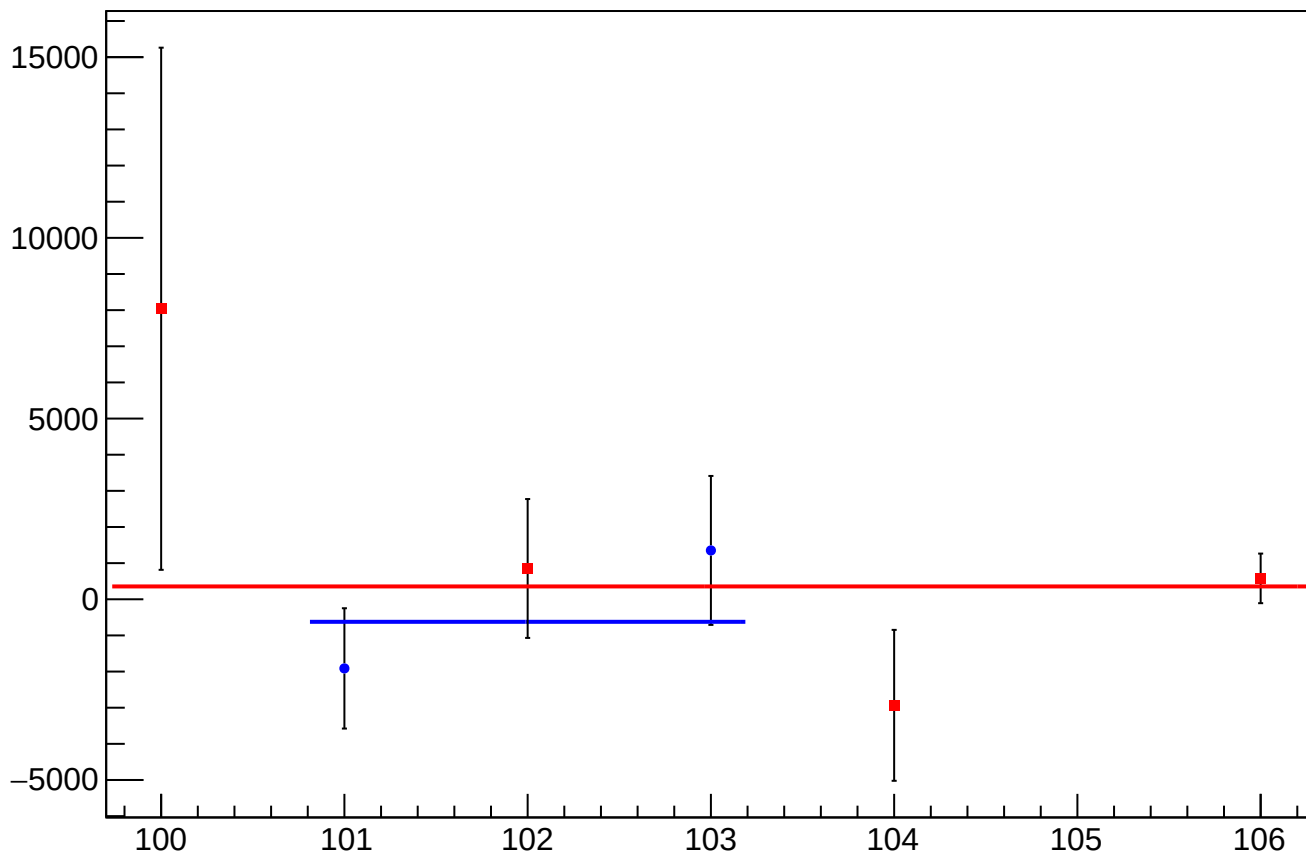
Right: 1412.607+/-0.671 χ^2/NDF : 579010.2/5

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1412.607+/-0.671 χ^2/NDF : 579010.2/5

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.353+/-615.095 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

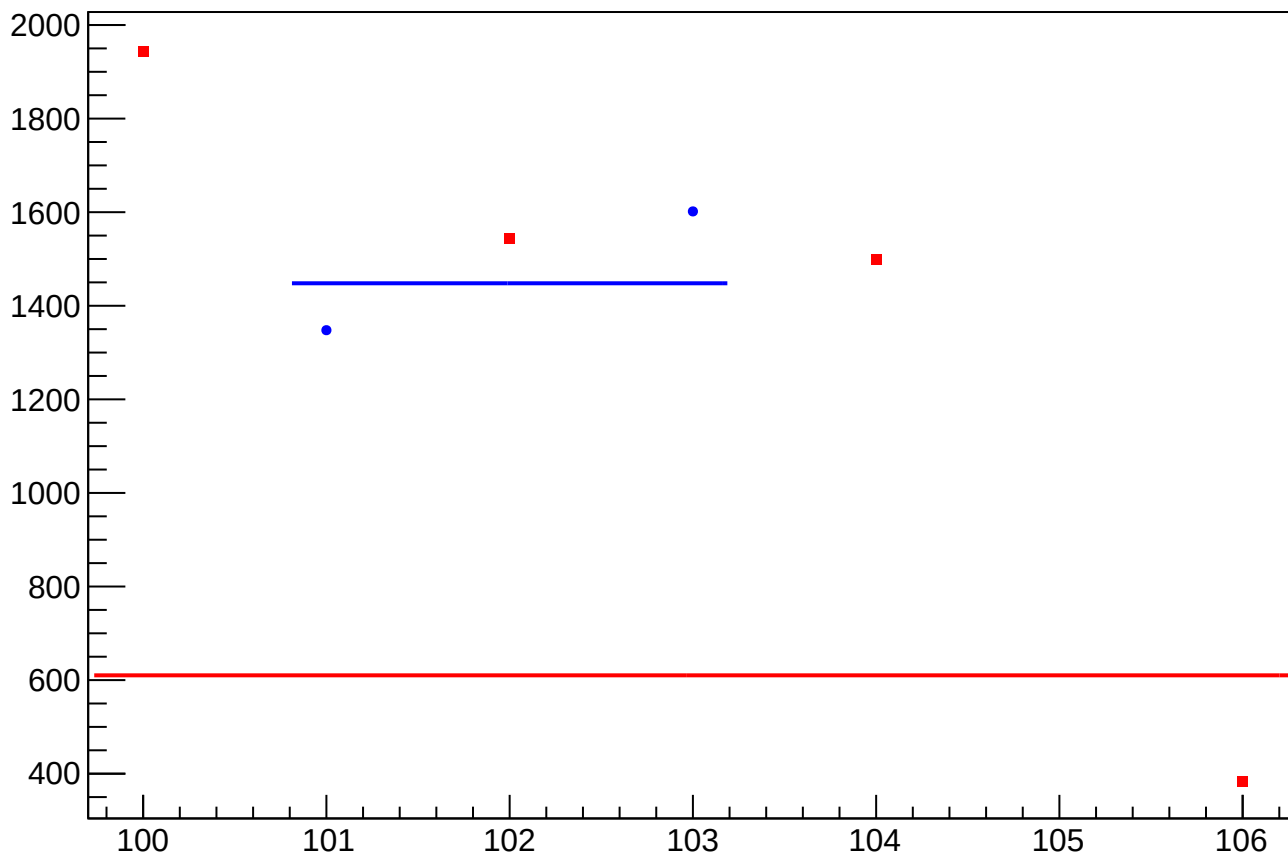
Right: 175.121+/-555.593 χ^2/NDF : 5.8/5

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.121+/-555.593 χ^2/NDF : 5.8/5

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.205+/-0.435 χ^2/NDF : 1121138.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

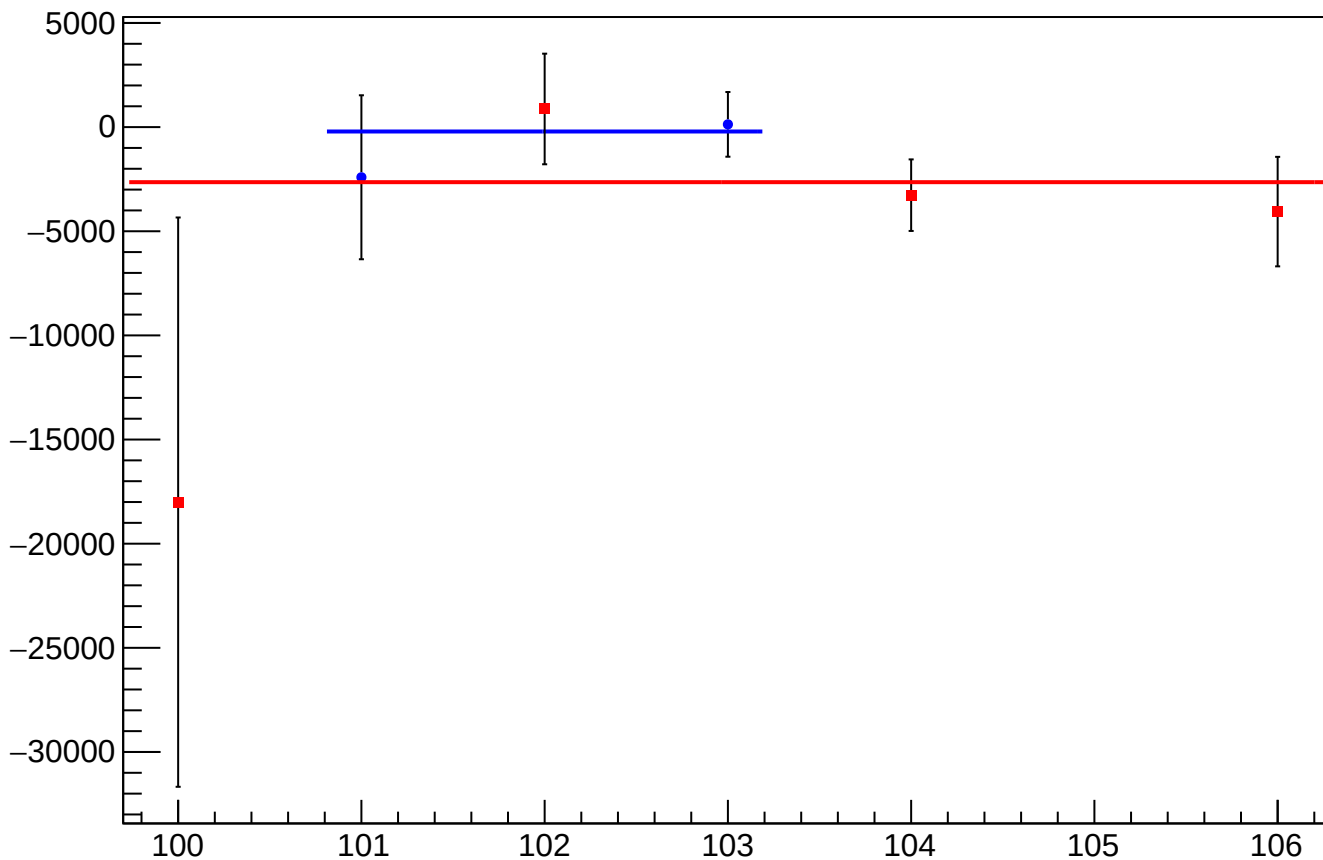
Right: 764.466+/-0.393 χ^2/NDF : 1822739.6/5

In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.466+/-0.393 χ^2/NDF : 1822739.6/5

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2643.405+/-1259.052 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

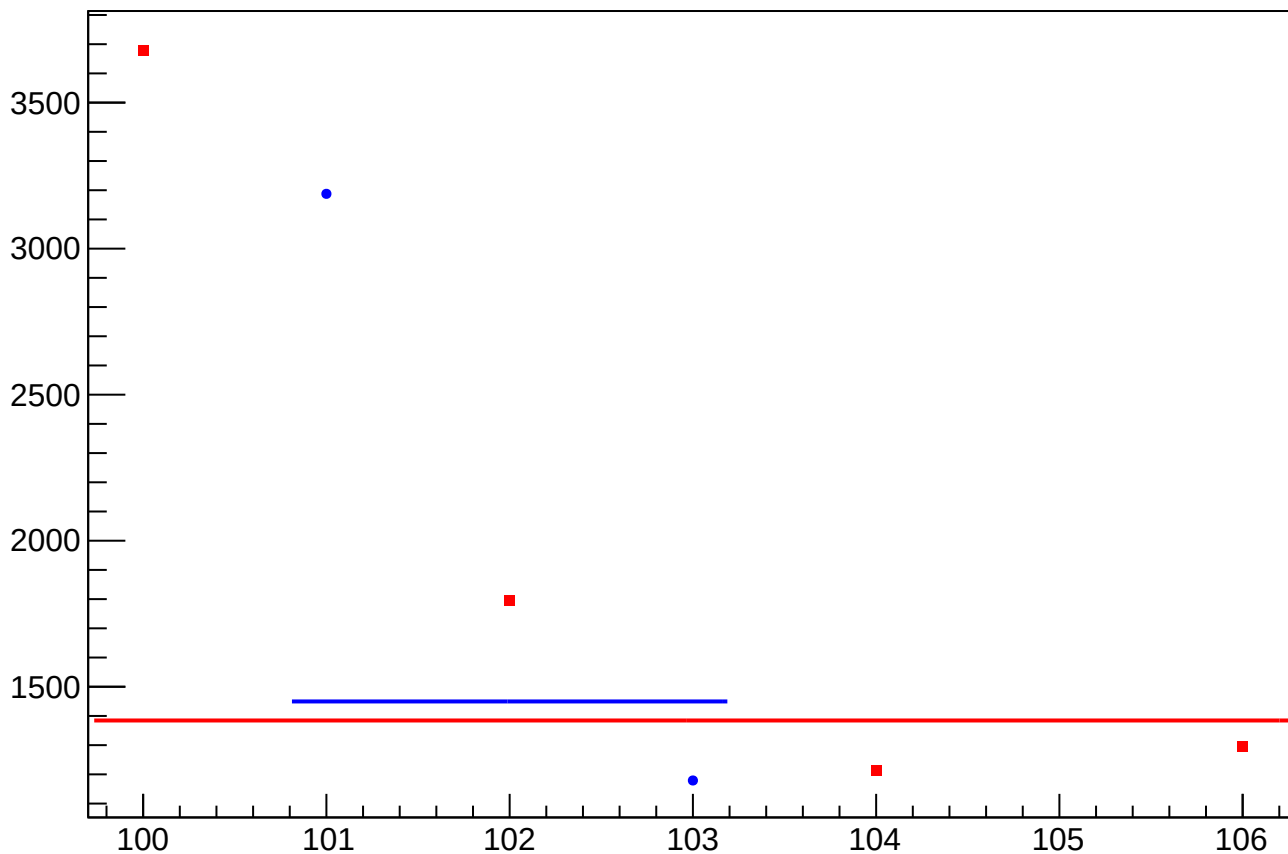
Right: -1593.243+/-949.193 χ^2/NDF : 5.4/5

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1593.243+/-949.193 χ^2/NDF : 5.4/5

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.476+/-0.890 χ^2/NDF : 126061.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

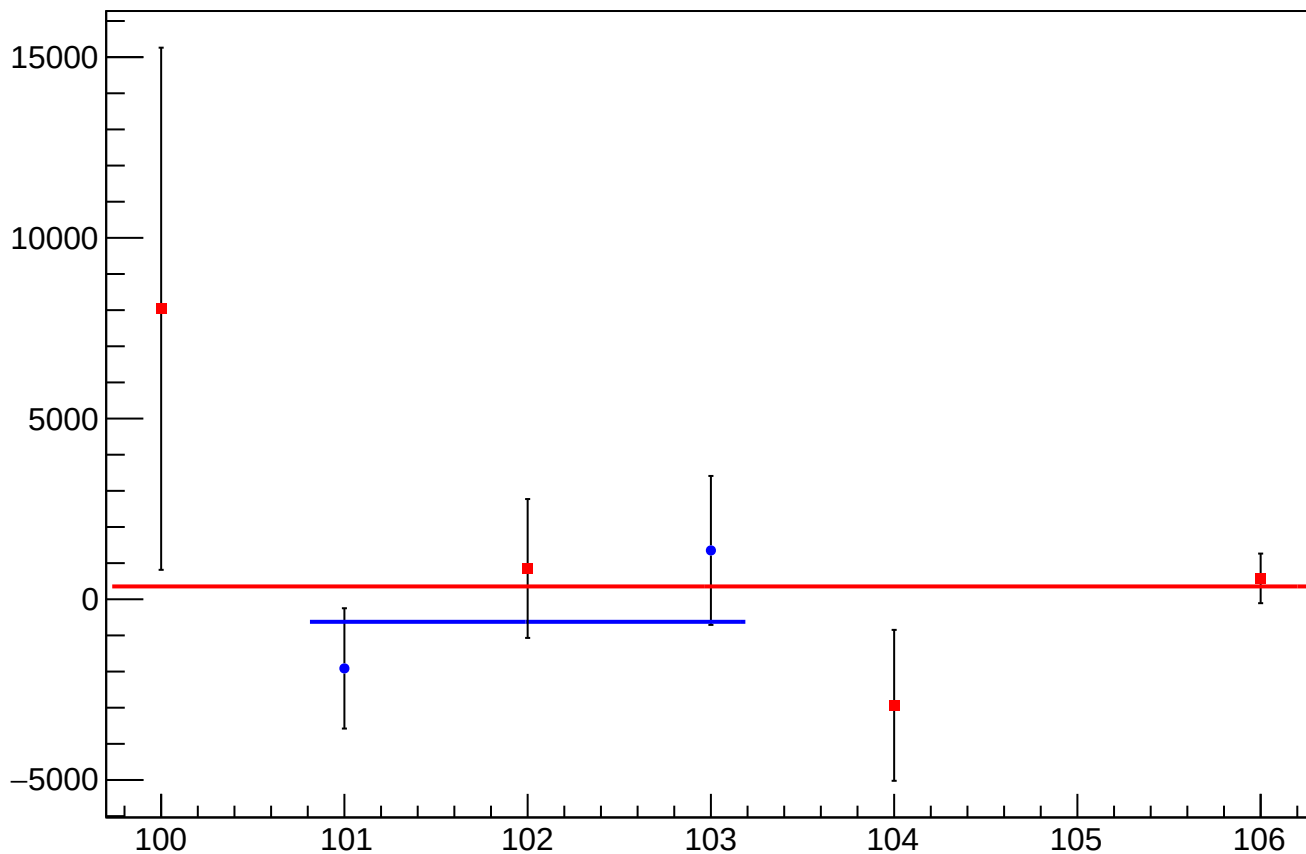
Right: 1412.608+/-0.671 χ^2/NDF : 579010.1/5

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1412.608+/-0.671 χ^2/NDF : 579010.1/5

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.345+/-615.091 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

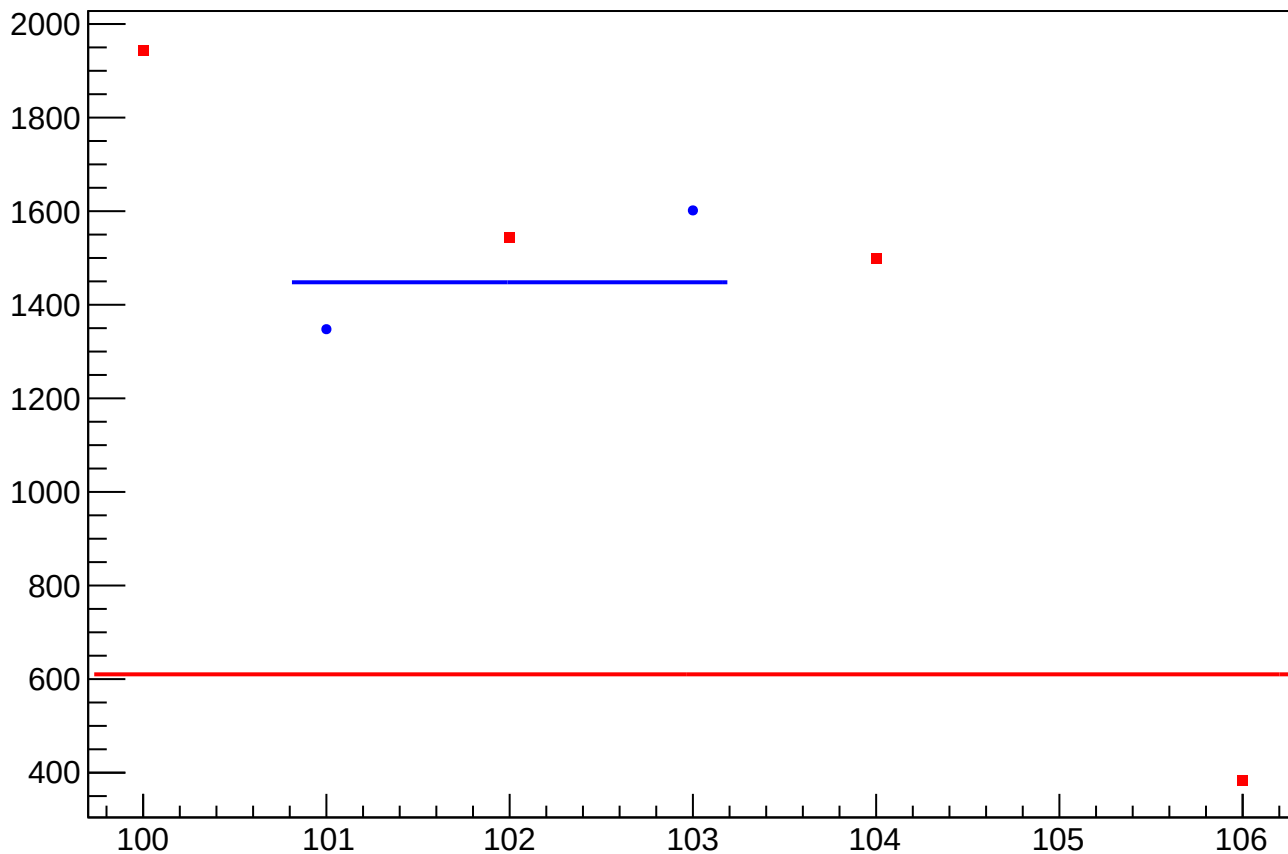
Right: 175.116+/-555.590 χ^2/NDF : 5.8/5

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.116+/-555.590 χ^2/NDF : 5.8/5

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.057 $\pm$ 0.916 χ^2 /NDF: 18367.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 610.200 $\pm$ 0.435 χ^2 /NDF: 1121147.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

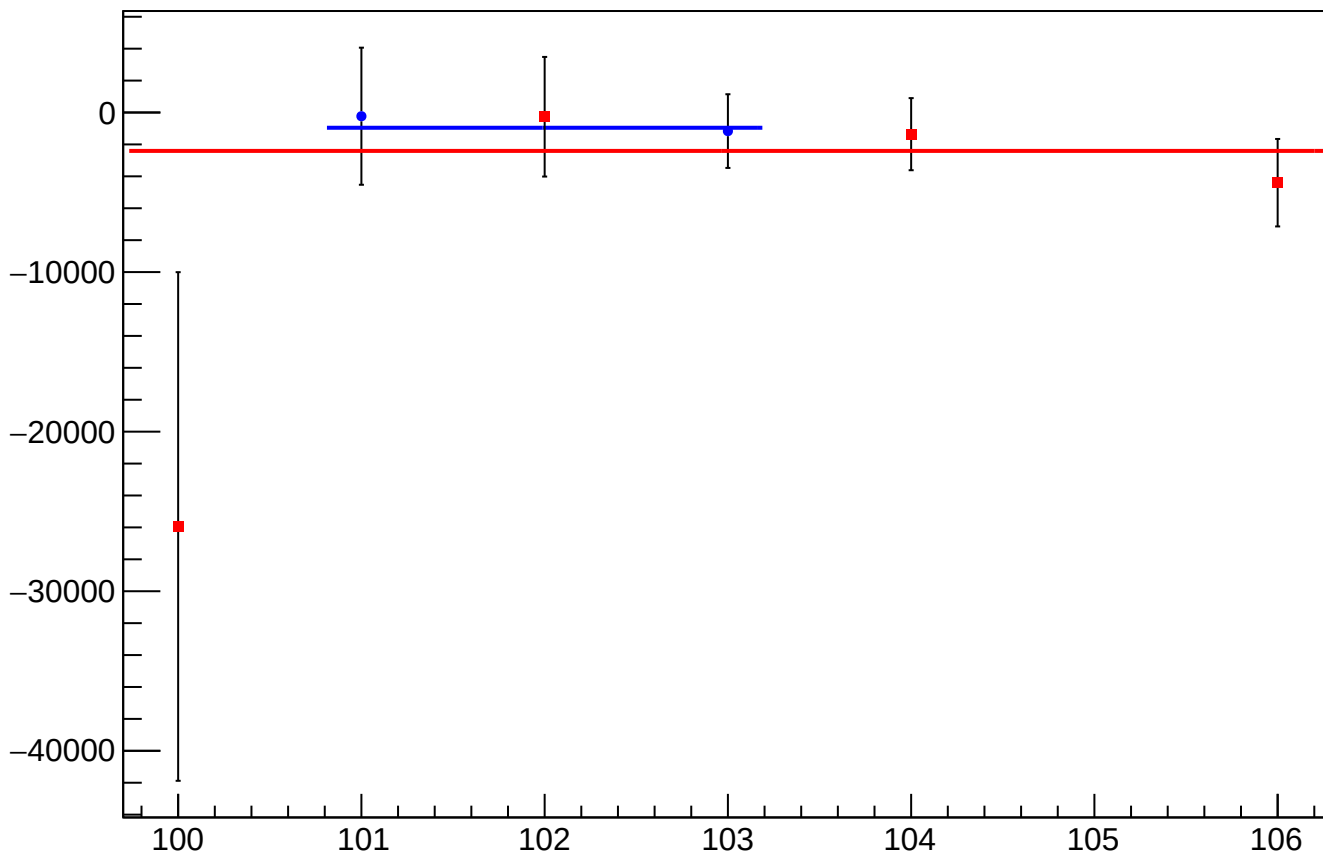
Right: 764.460 $\pm$ 0.393 χ^2 /NDF: 1822758.6/5

In: 1448.057 $\pm$ 0.916 χ^2 /NDF:18367.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 764.460 $\pm$ 0.393 χ^2 /NDF: 1822758.6/5

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2406.779+/-1573.080 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

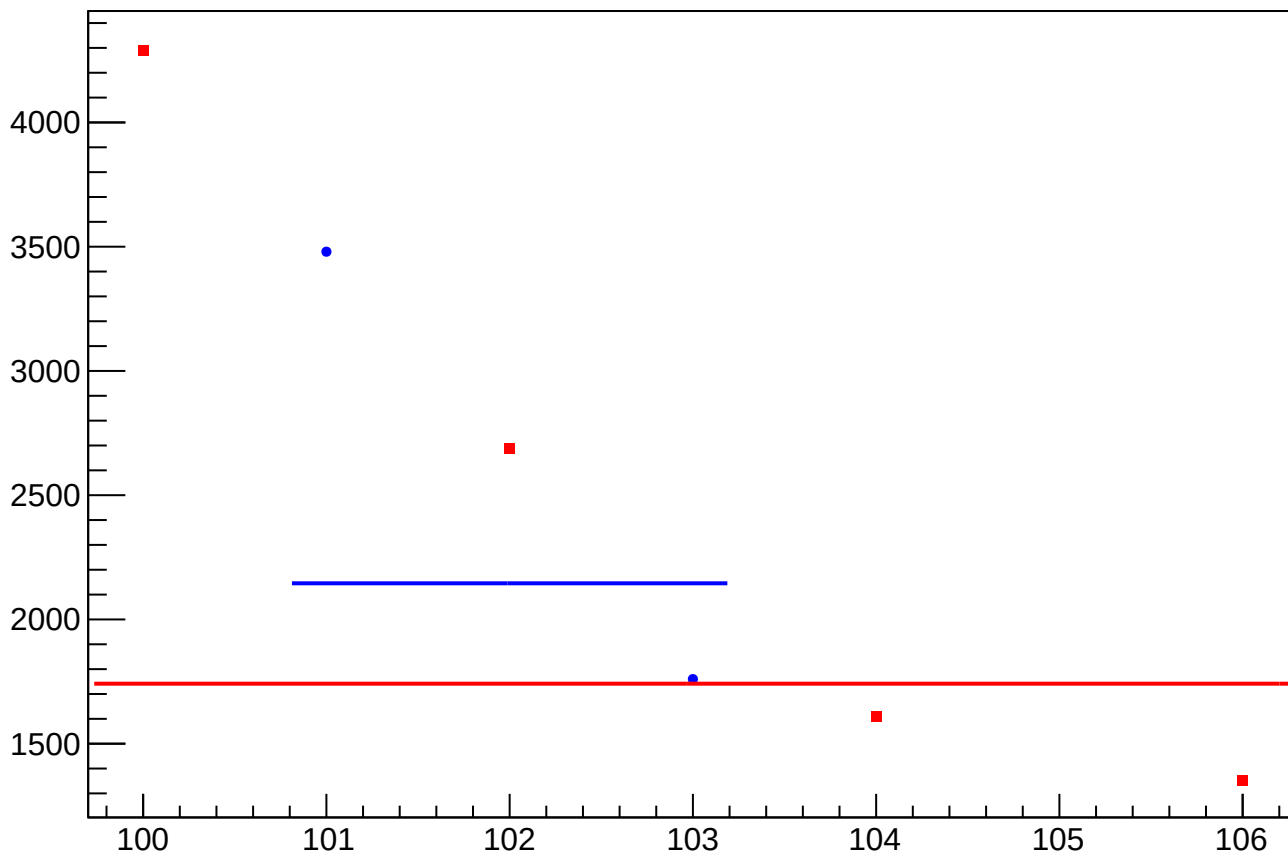
Right: -1863.586+/-1244.278 χ^2/NDF : 3.6/5

In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1863.586+/-1244.278 χ^2/NDF : 3.6/5

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.495+/-1.112 χ^2/NDF : 225279.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

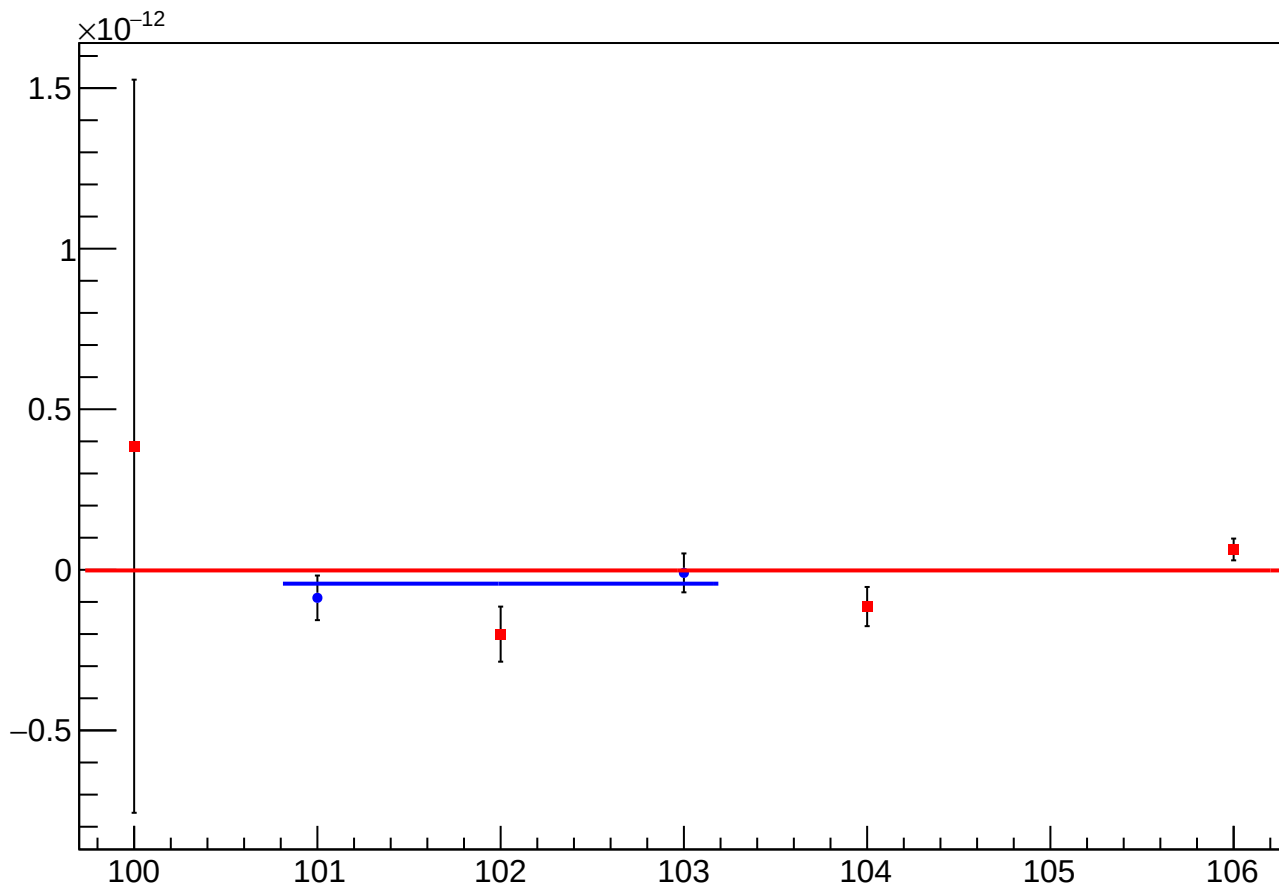
Right: 1892.715+/-0.880 χ^2/NDF : 523424.5/5

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.715+/-0.880 χ^2/NDF : 523424.5/5

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

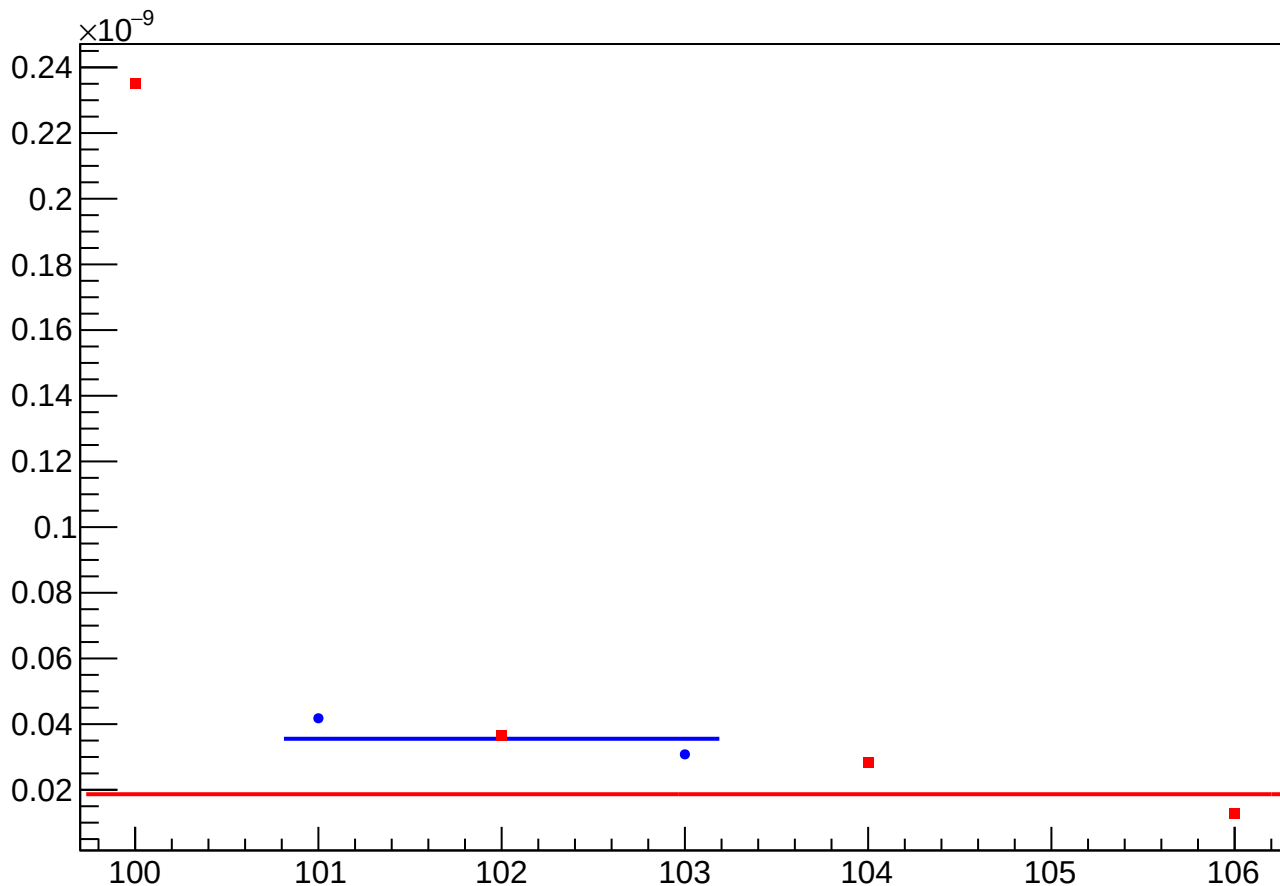
Right: -0.000+/-0.000 χ^2/NDF : 13.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/5

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 270206.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

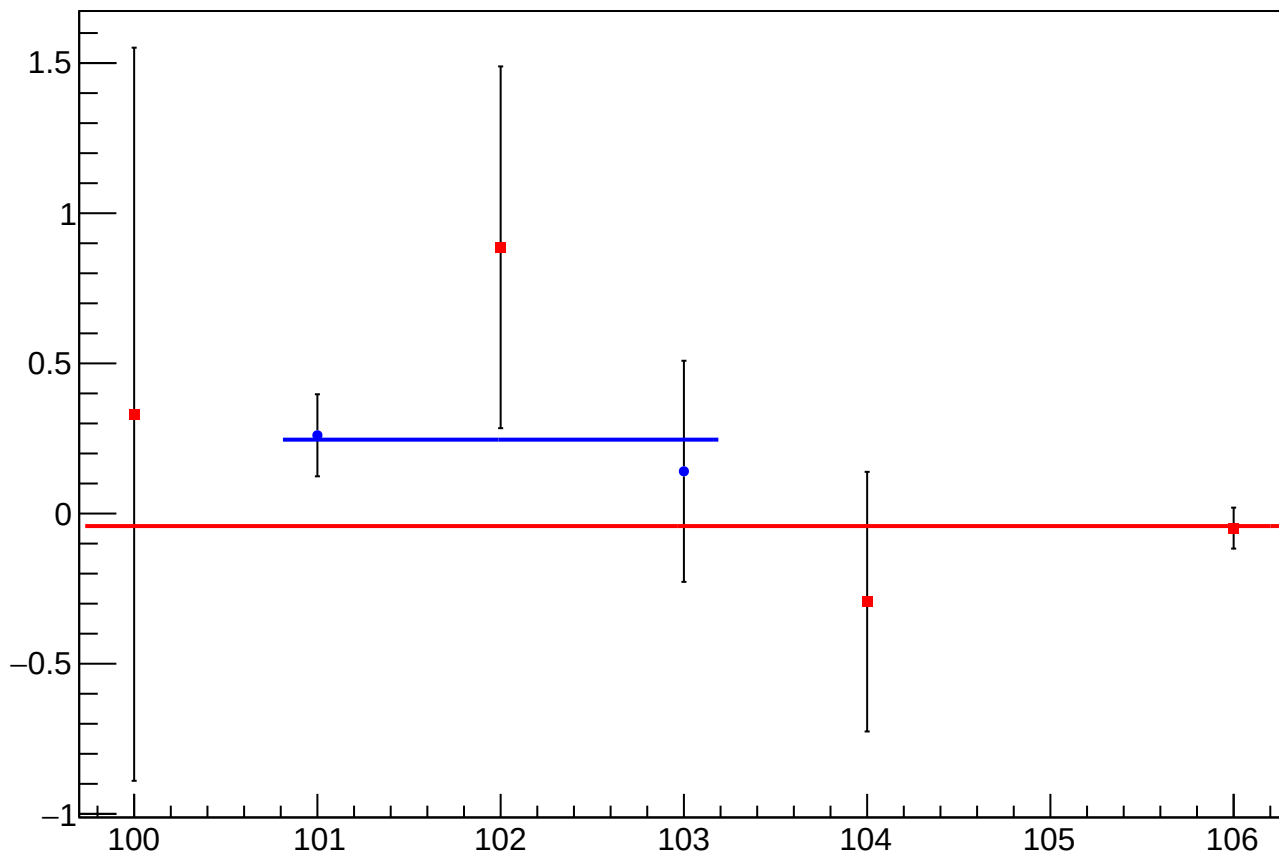
Right: 0.000+/-0.000 χ^2/NDF : 497638.1/5

In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 497638.1/5

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

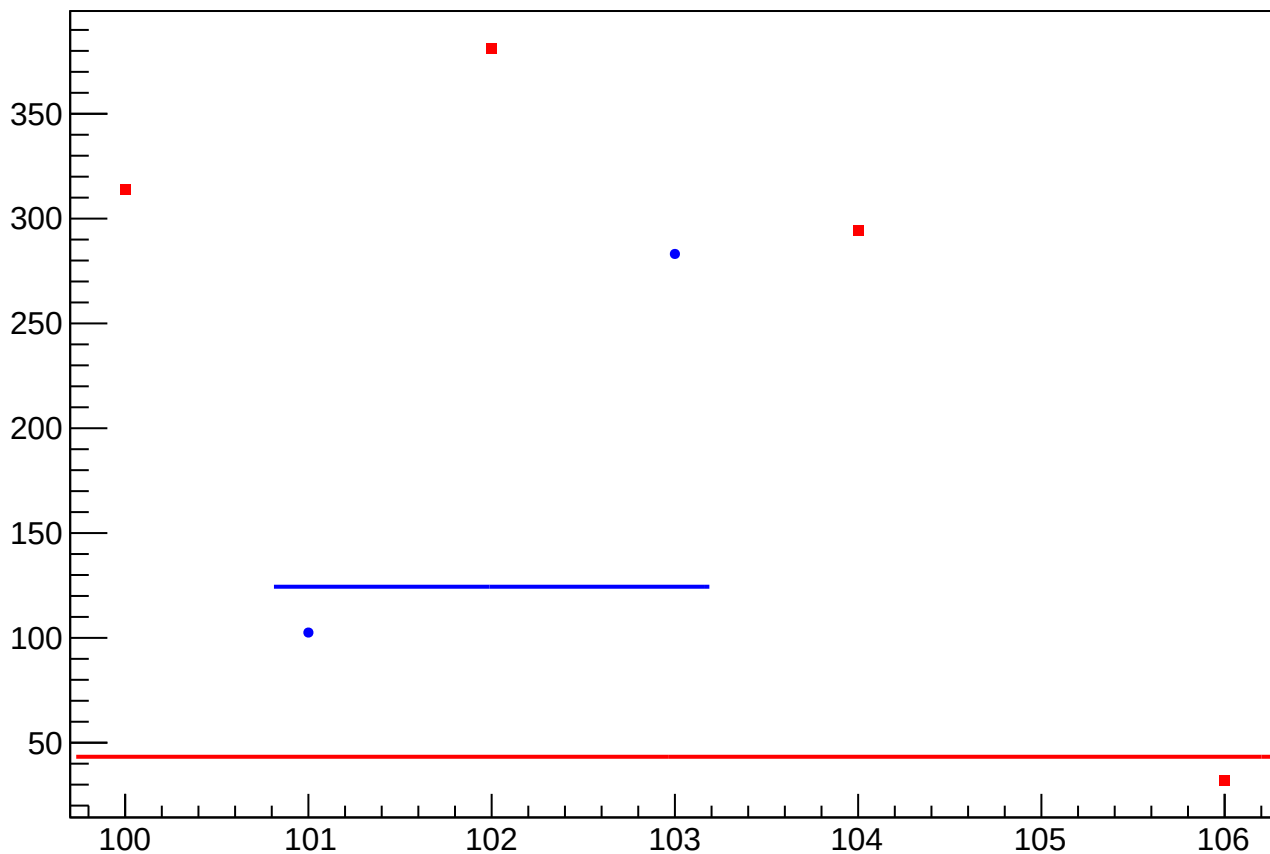
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404+/-0.091 χ^2/NDF : 423134.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.295+/-0.047 χ^2/NDF : 1457813.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

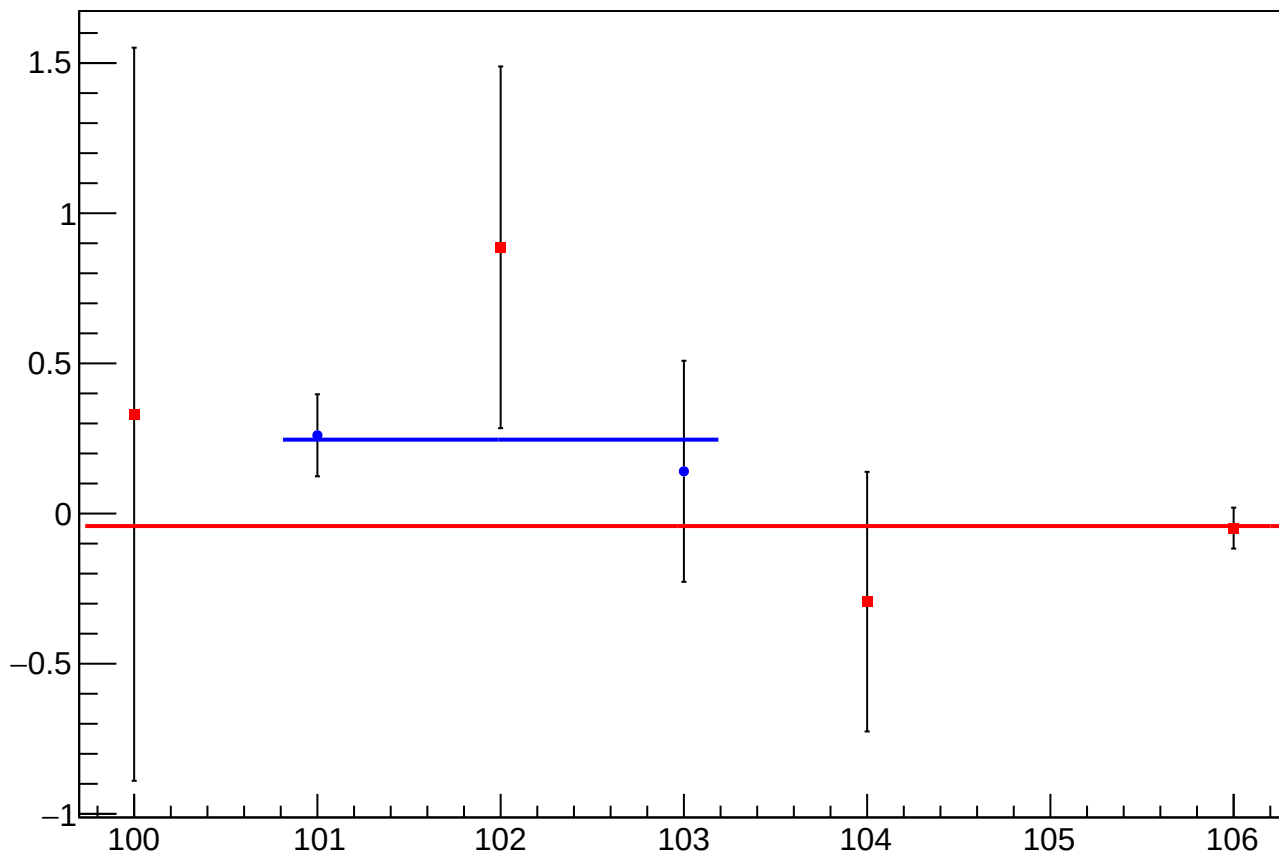
Right: 60.654+/-0.042 χ^2/NDF : 2511473.7/5

In: 124.404+/-0.091 χ^2/NDF :423134.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 60.654+/-0.042 χ^2/NDF : 2511473.7/5

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246+/-0.128 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.067 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

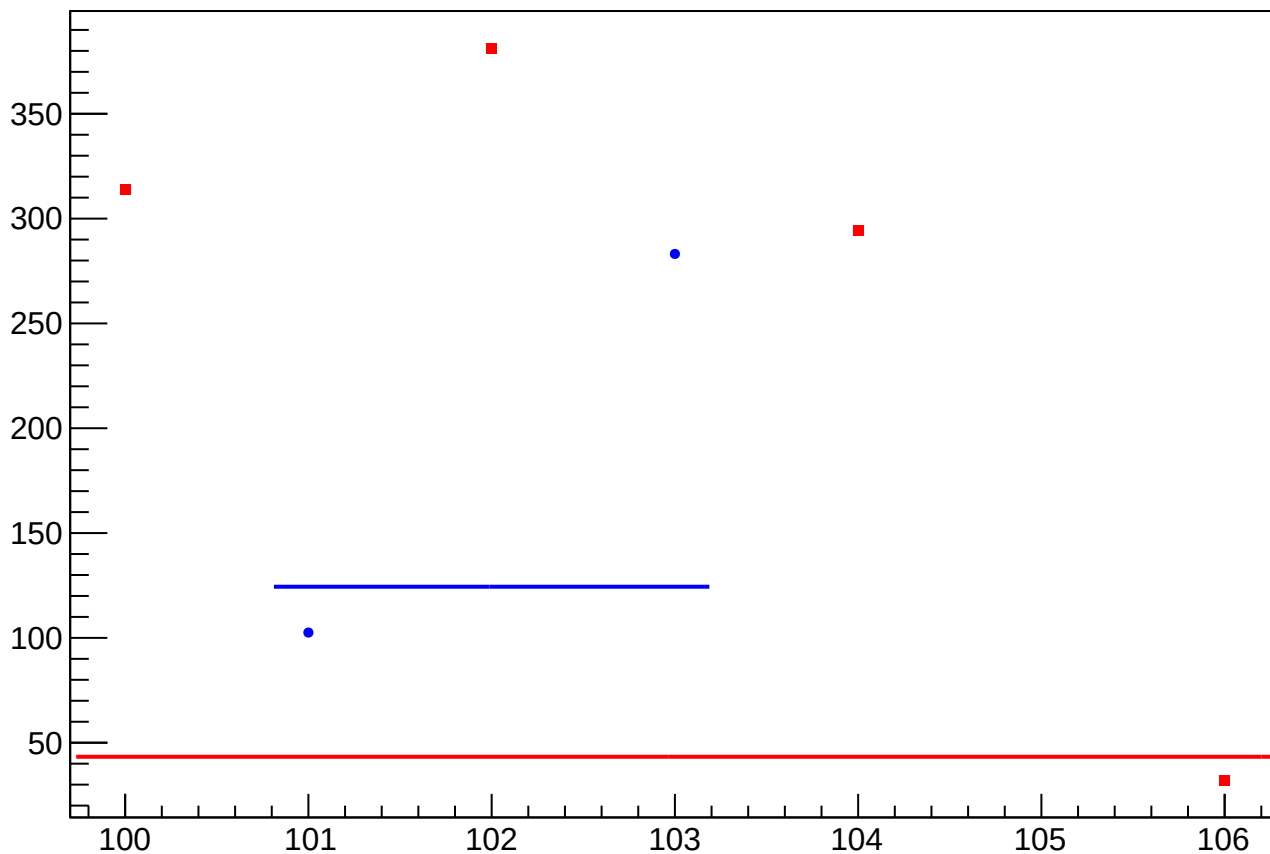
Right: 0.020+/-0.059 χ^2/NDF : 6.9/5

In: 0.246+/-0.128 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.059 χ^2/NDF : 6.9/5

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 ± 0.091 $\chi^2/\text{NDF}: 423134.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.295 ± 0.047 $\chi^2/\text{NDF}: 1457813.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

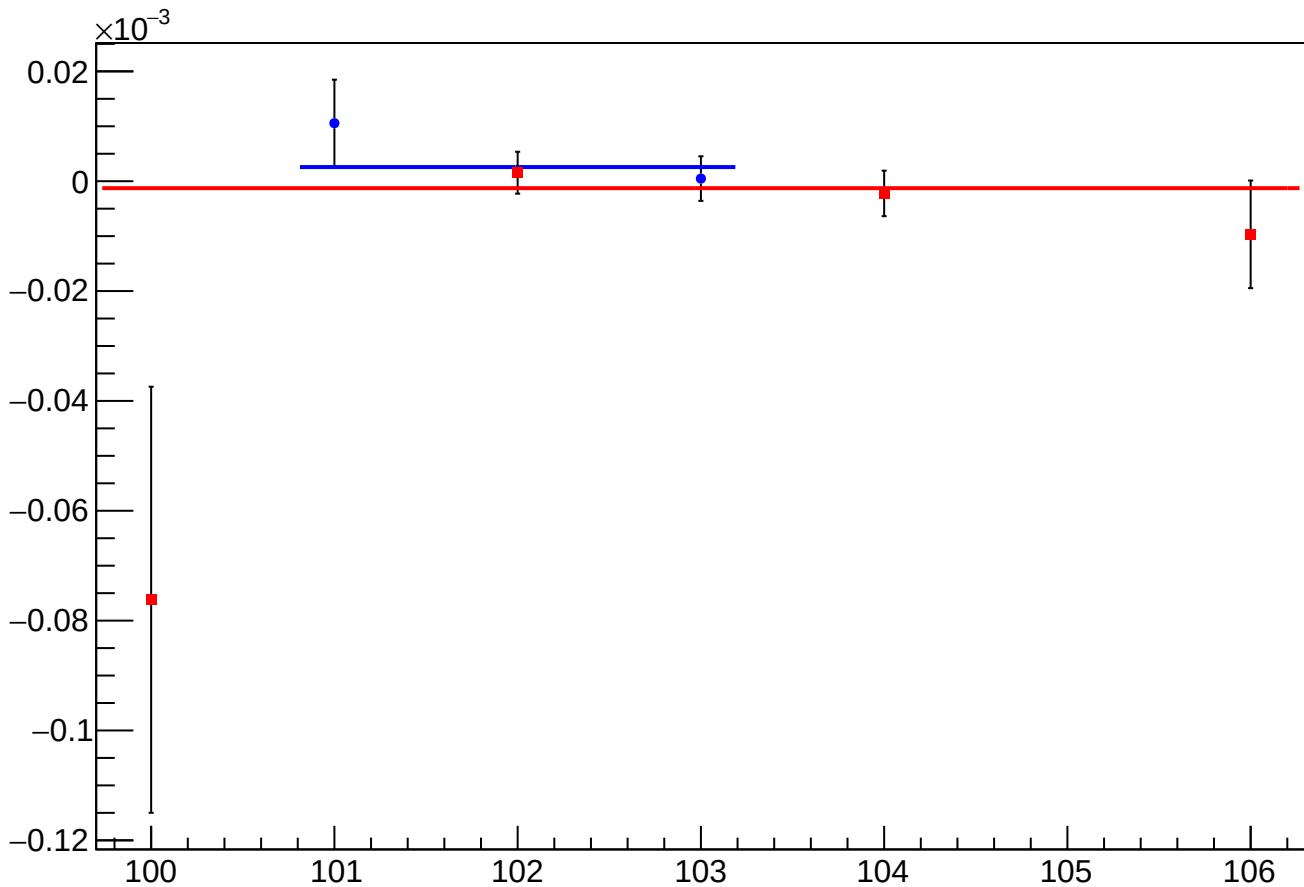
Right: 60.654 ± 0.042 $\chi^2/\text{NDF}: 2511473.7/5$

In: 124.404 ± 0.091 $\chi^2/\text{NDF}: 423134.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 60.654 ± 0.042 $\chi^2/\text{NDF}: 2511473.7/5$

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

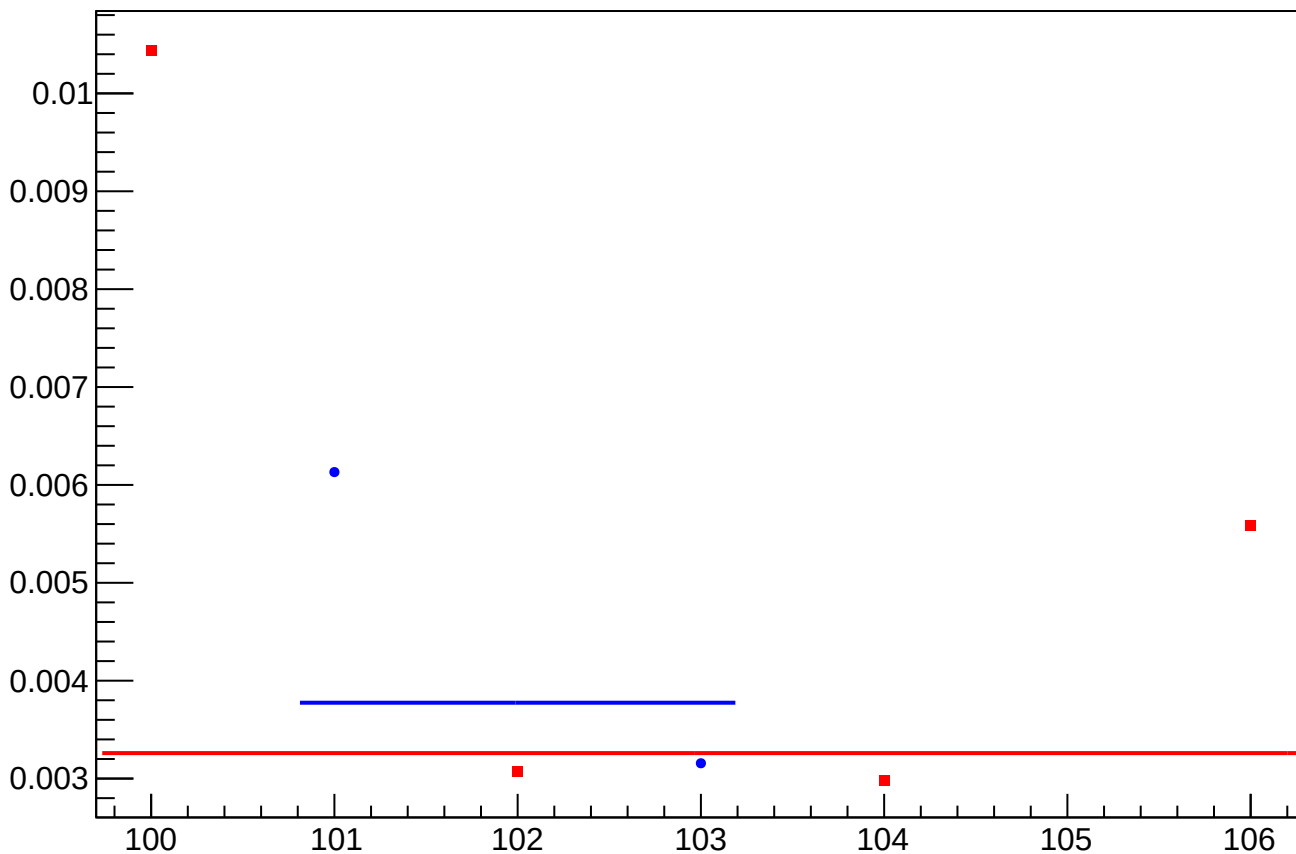
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/5

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 195368.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

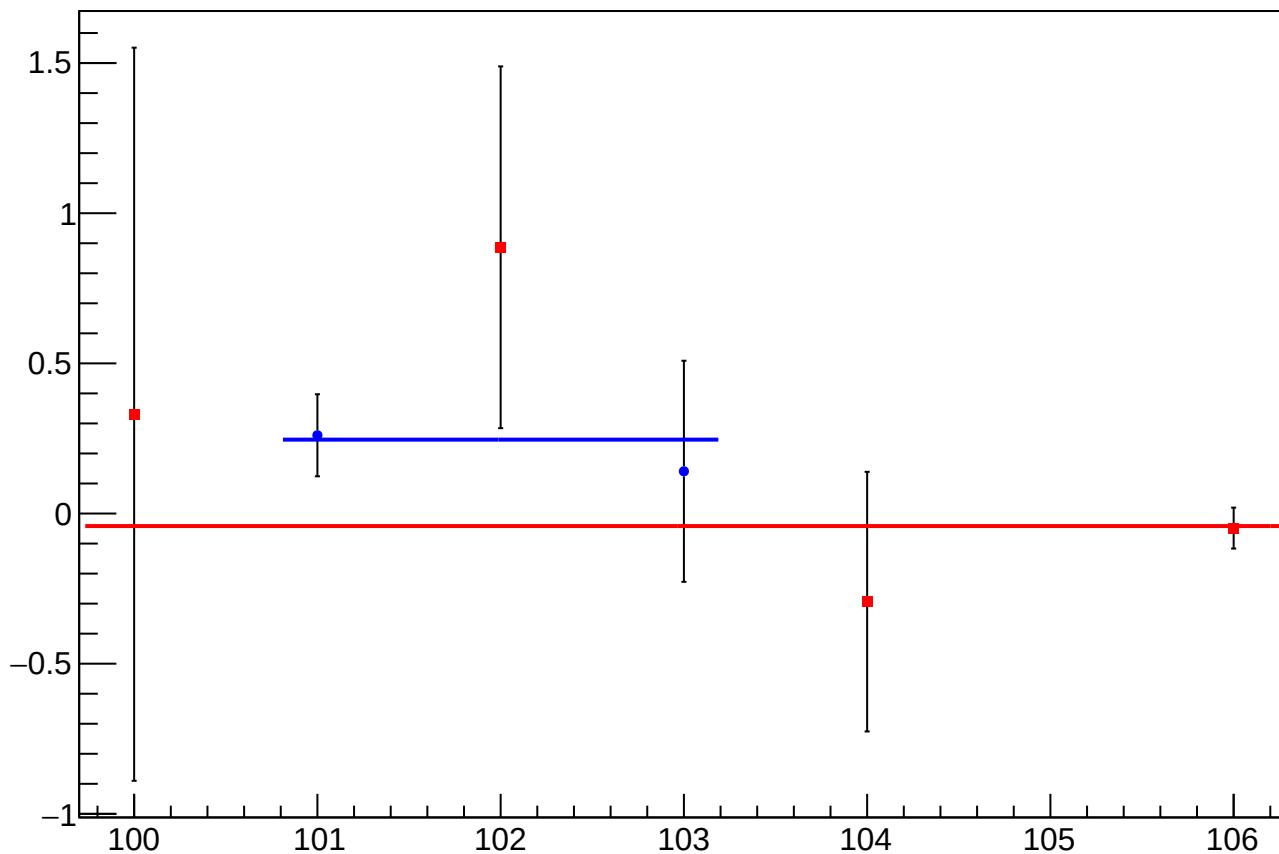
Right: 0.003+/-0.000 χ^2/NDF : 444770.9/5

In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 444770.9/5

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246+/-0.128 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.067 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

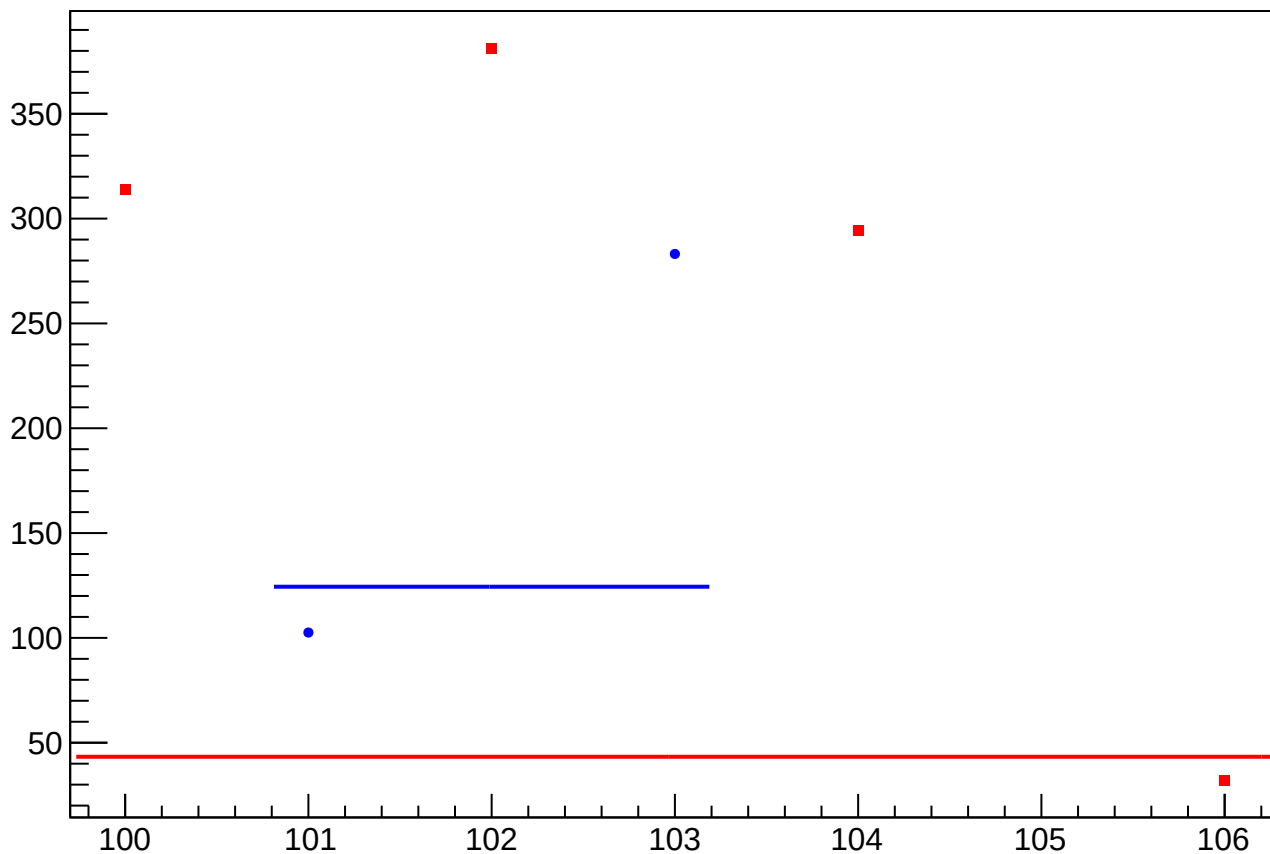
Right: 0.020+/-0.059 χ^2/NDF : 6.9/5

In: 0.246+/-0.128 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.059 χ^2/NDF : 6.9/5

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406 +/- 0.091 χ^2/NDF : 423129.2/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 43.297 +/- 0.047 χ^2/NDF : 1457796.6/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

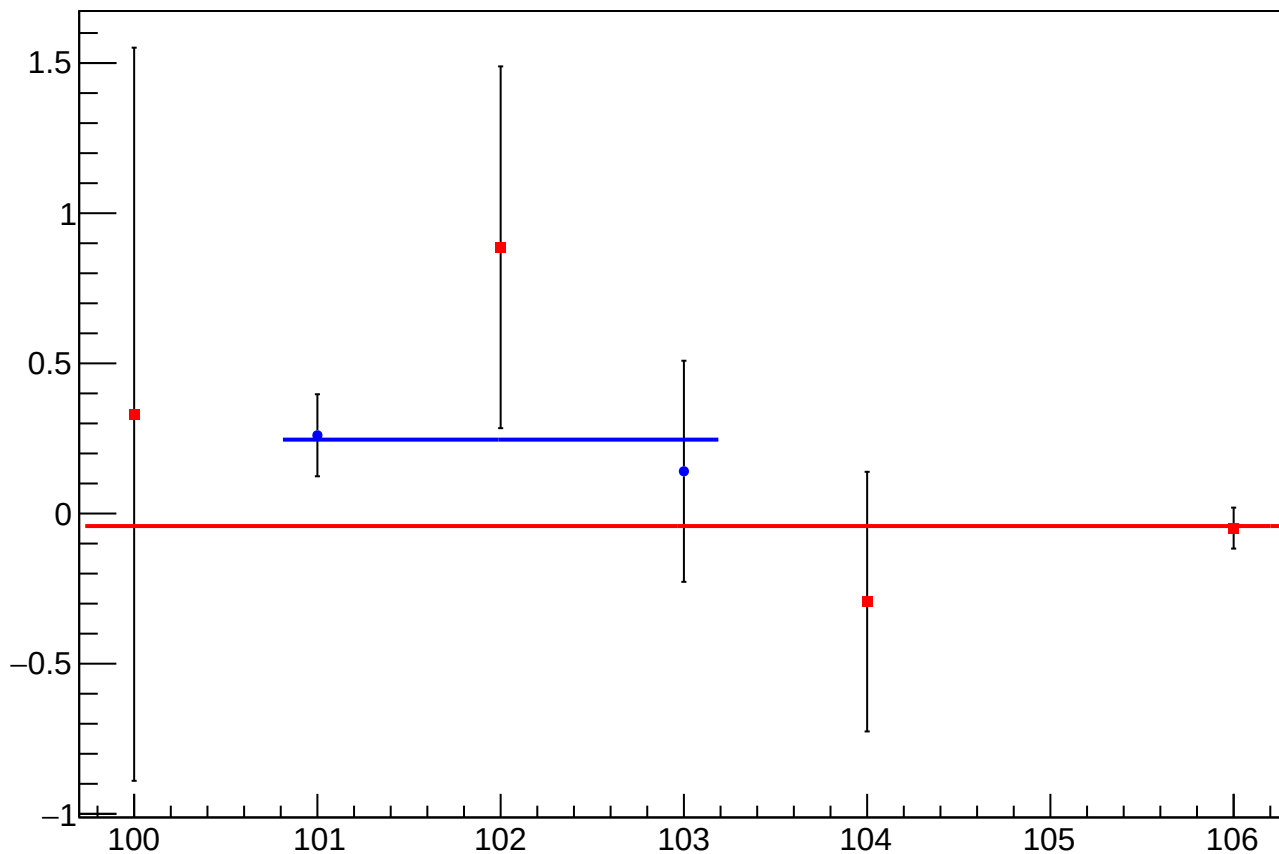
Right: 60.657 +/- 0.042 χ^2/NDF : 2511418.1/5

In: 124.406 +/- 0.091 χ^2/NDF : 423129.2/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 60.657 +/- 0.042 χ^2/NDF : 2511418.1/5

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

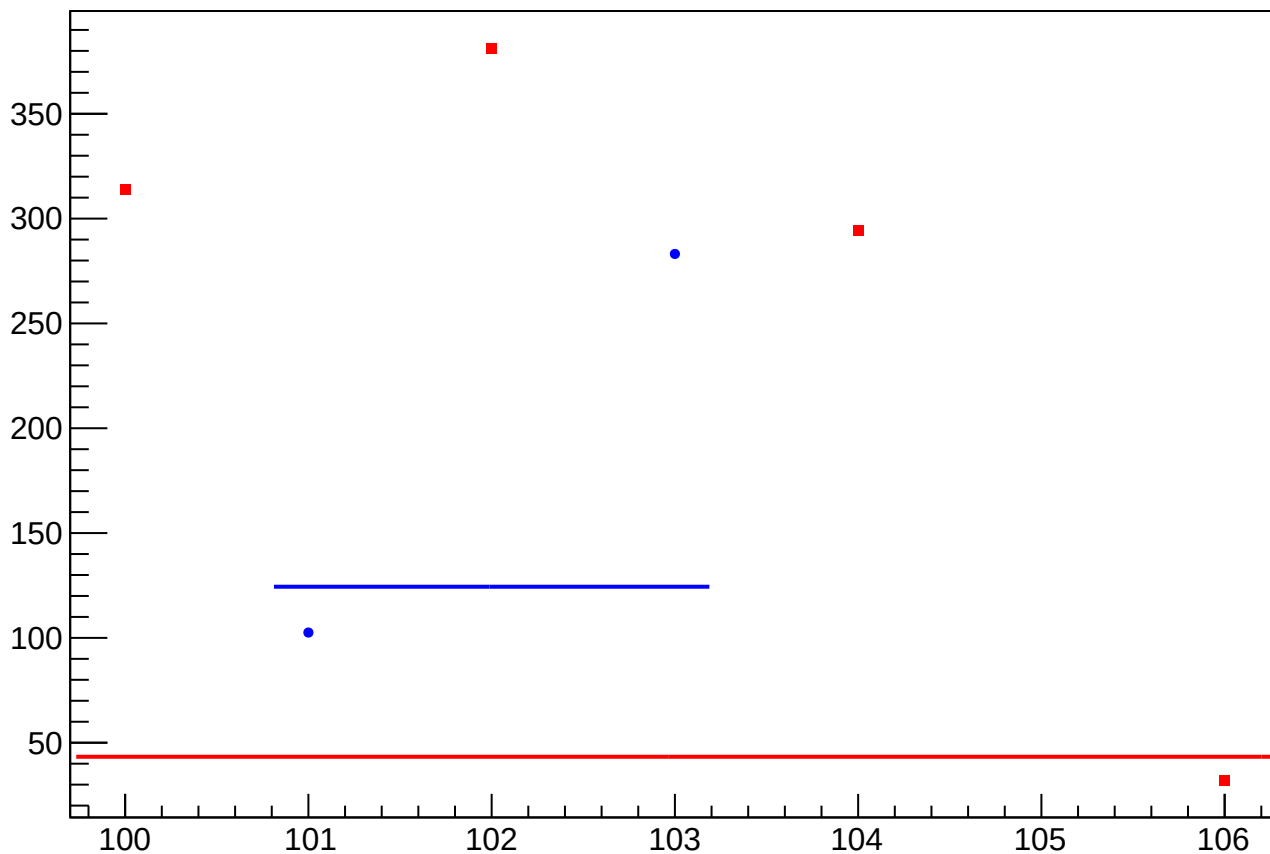
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406 $\pm$ 0.091 χ^2 /NDF: 423129.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.297 $\pm$ 0.047 χ^2 /NDF: 1457796.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

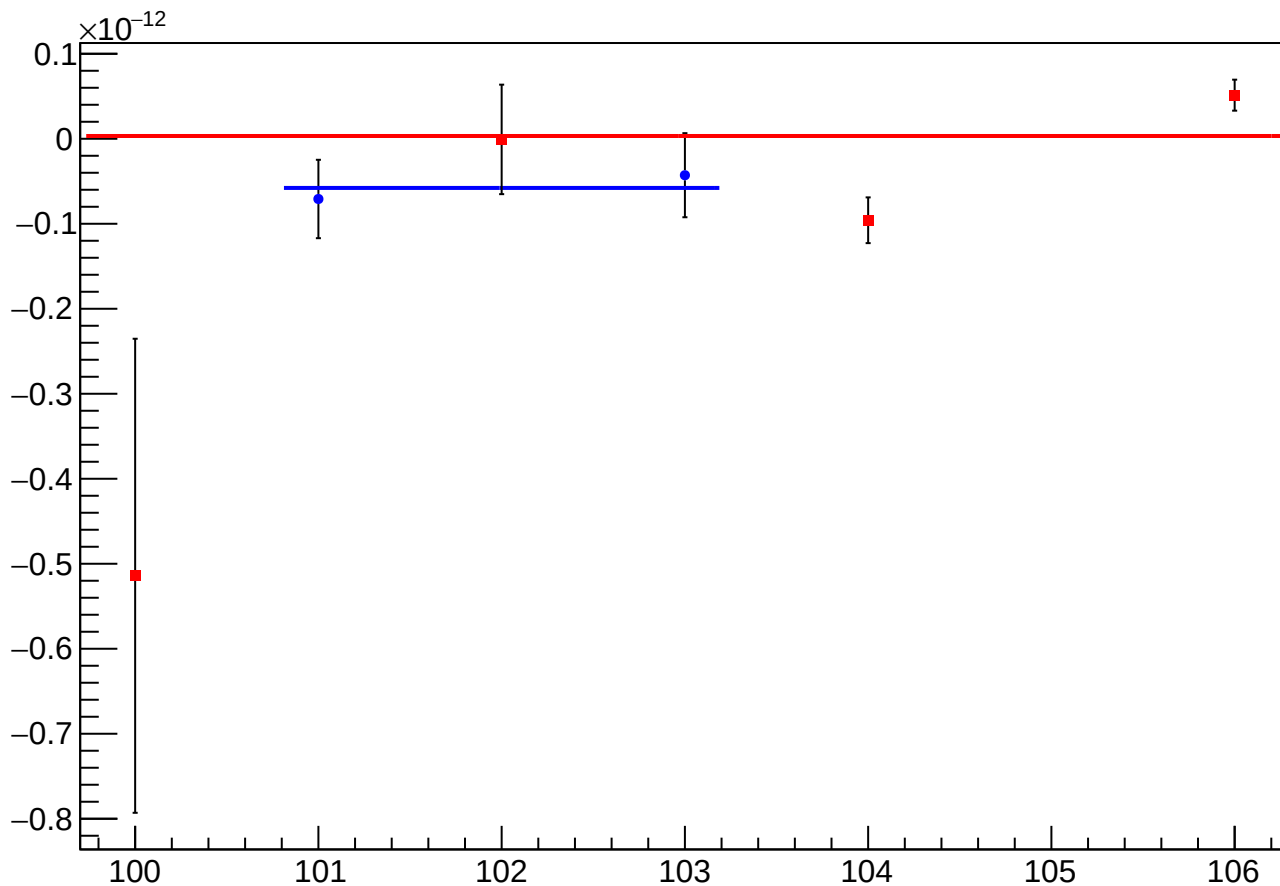
Right: 60.657 $\pm$ 0.042 χ^2 /NDF: 2511418.1/5

In: 124.406 $\pm$ 0.091 χ^2 /NDF:423129.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.657 $\pm$ 0.042 χ^2 /NDF: 2511418.1/5

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

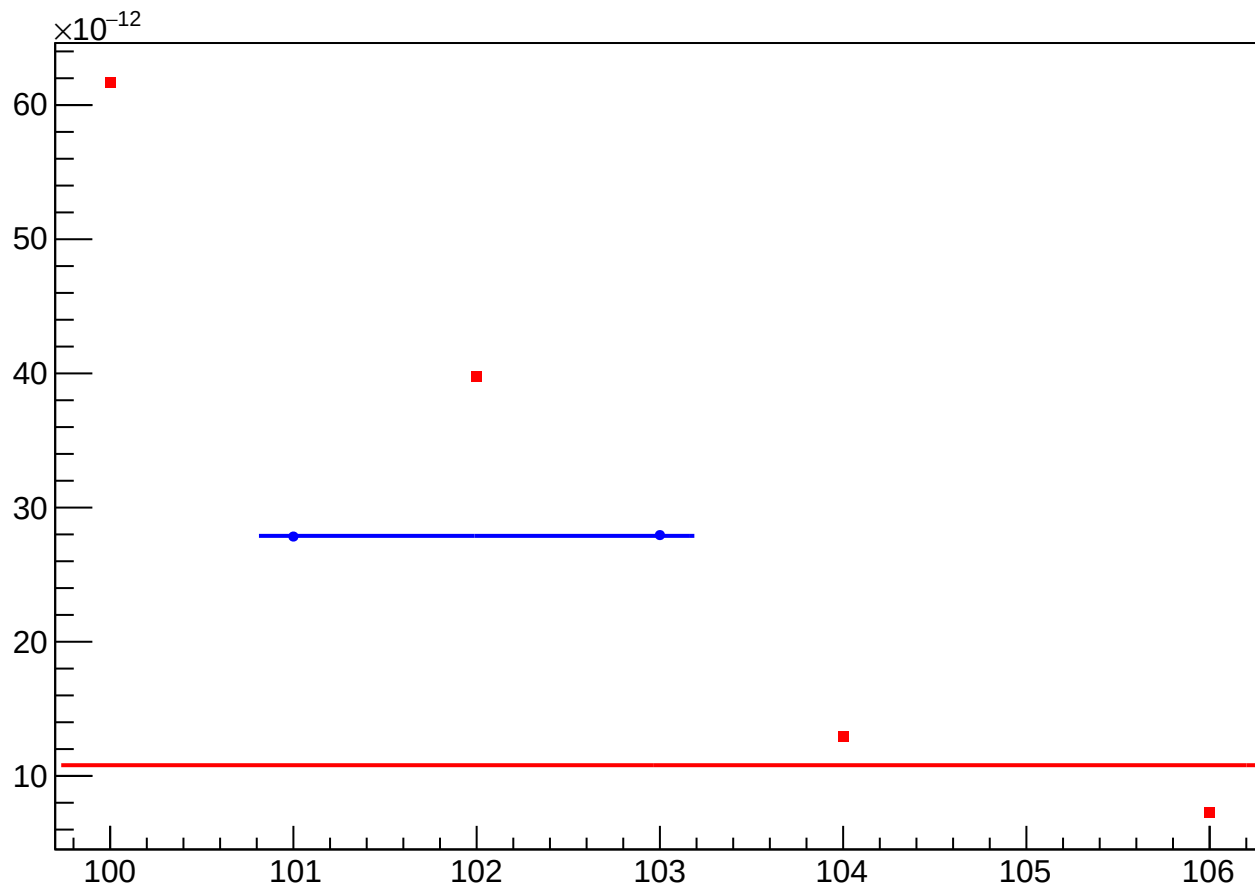
Right: -0.000+/-0.000 χ^2/NDF : 26.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/5

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 559011.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

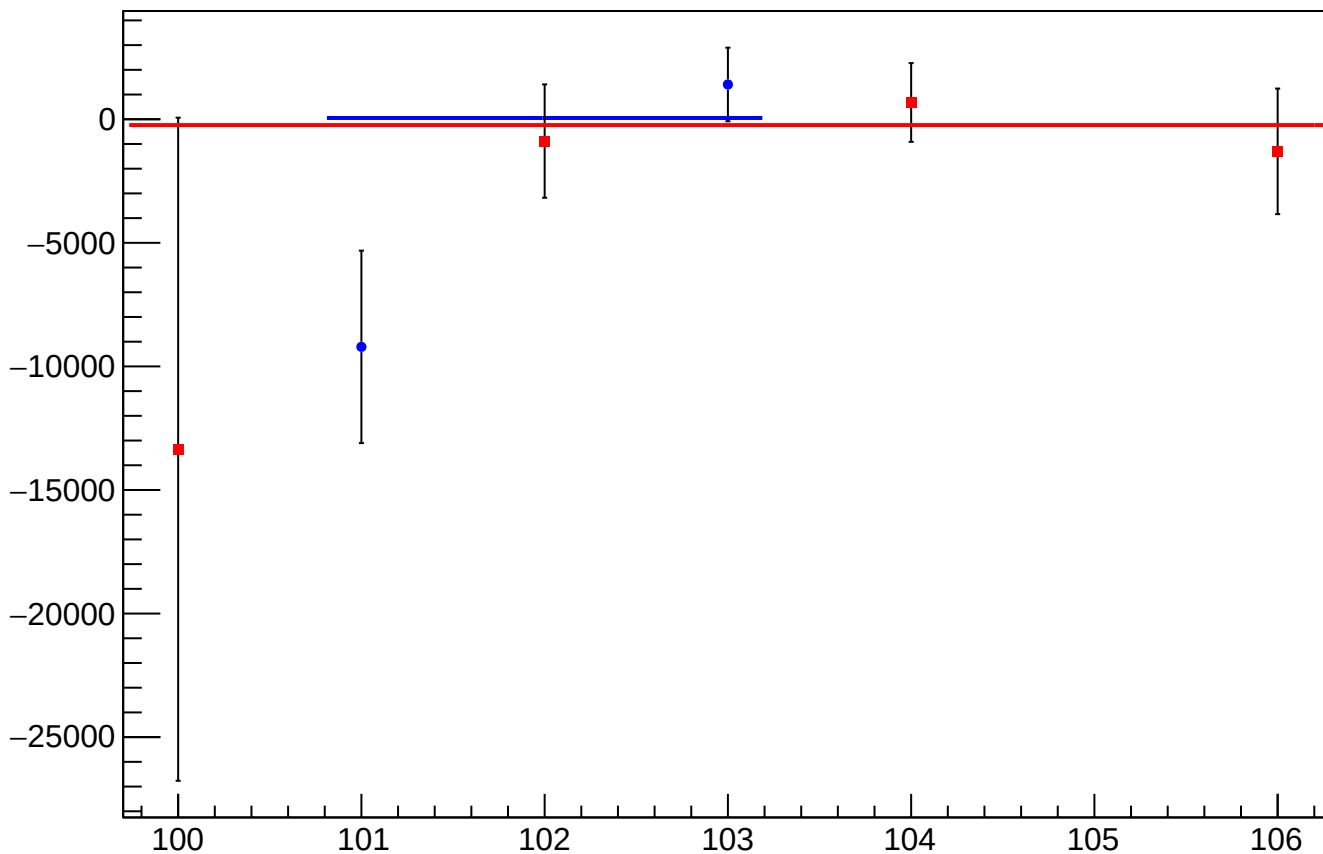
Right: 0.000+/-0.000 χ^2/NDF : 990926.6/5

In: 0.000+/-0.000 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 990926.6/5

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.623+/-1158.774 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

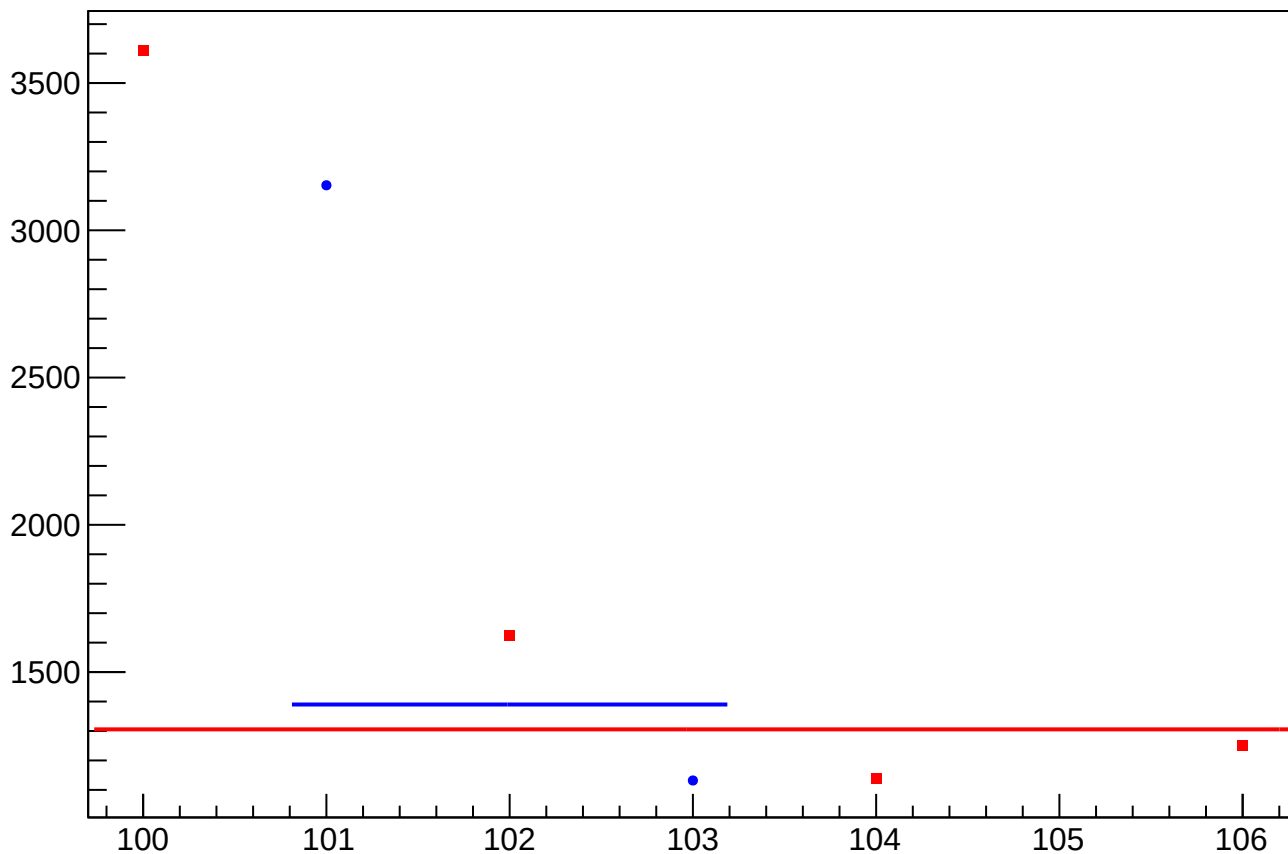
Right: -117.899+/-890.328 χ^2/NDF : 8.1/5

In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.899+/-890.328 χ^2/NDF : 8.1/5

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1305.550+/-0.819 χ^2/NDF : 120122.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

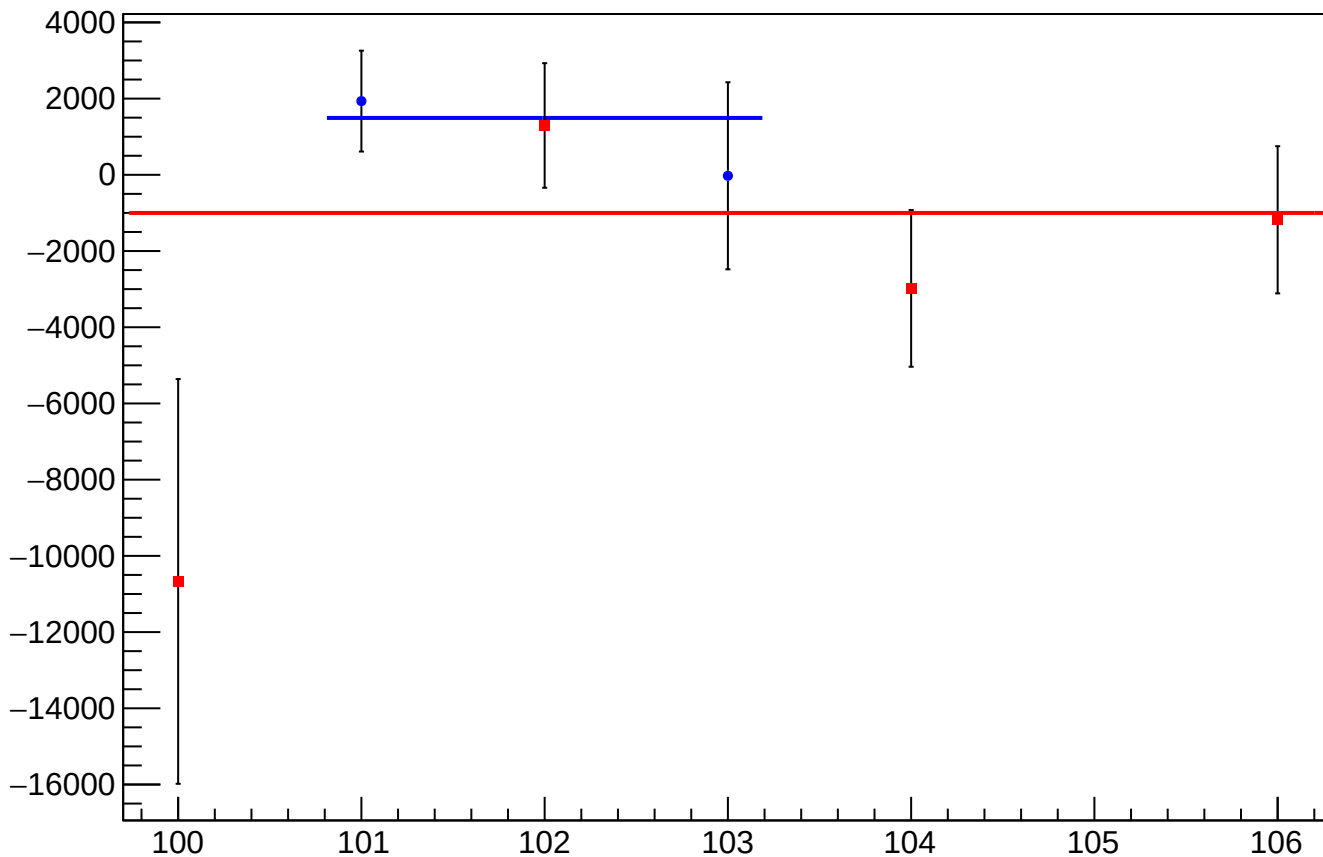
Right: 1340.117+/-0.630 χ^2/NDF : 594612.2/5

In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.117+/-0.630 χ^2/NDF : 594612.2/5

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1492.906 $\pm$ 1164.957 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1000.234 $\pm$ 1045.787 χ^2 /NDF: 6.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

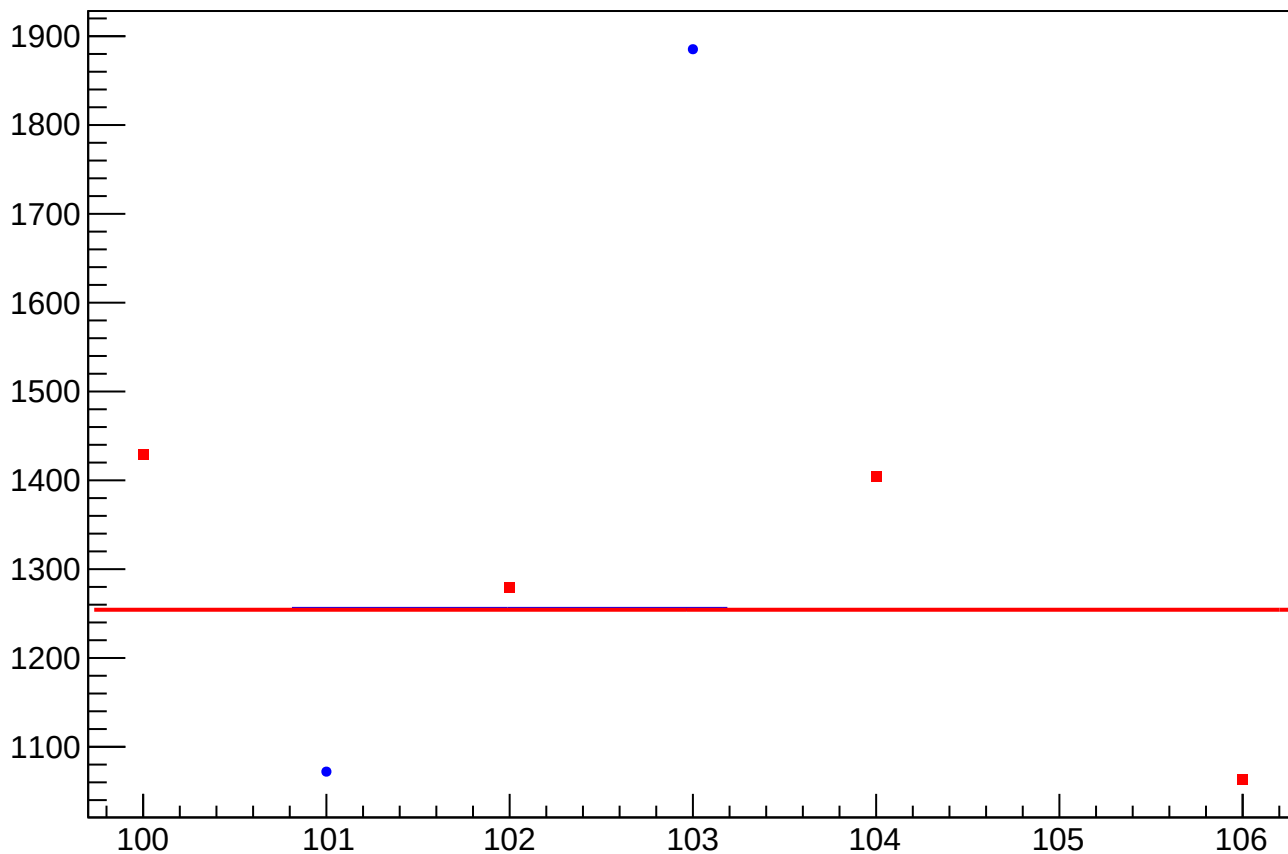
Right: 112.332 $\pm$ 778.215 χ^2 /NDF: 9.3/5

In: 1492.906 $\pm$ 1164.957 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.332 $\pm$ 778.215 χ^2 /NDF: 9.3/5

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1254.308+/-0.739 χ^2/NDF : 32938.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

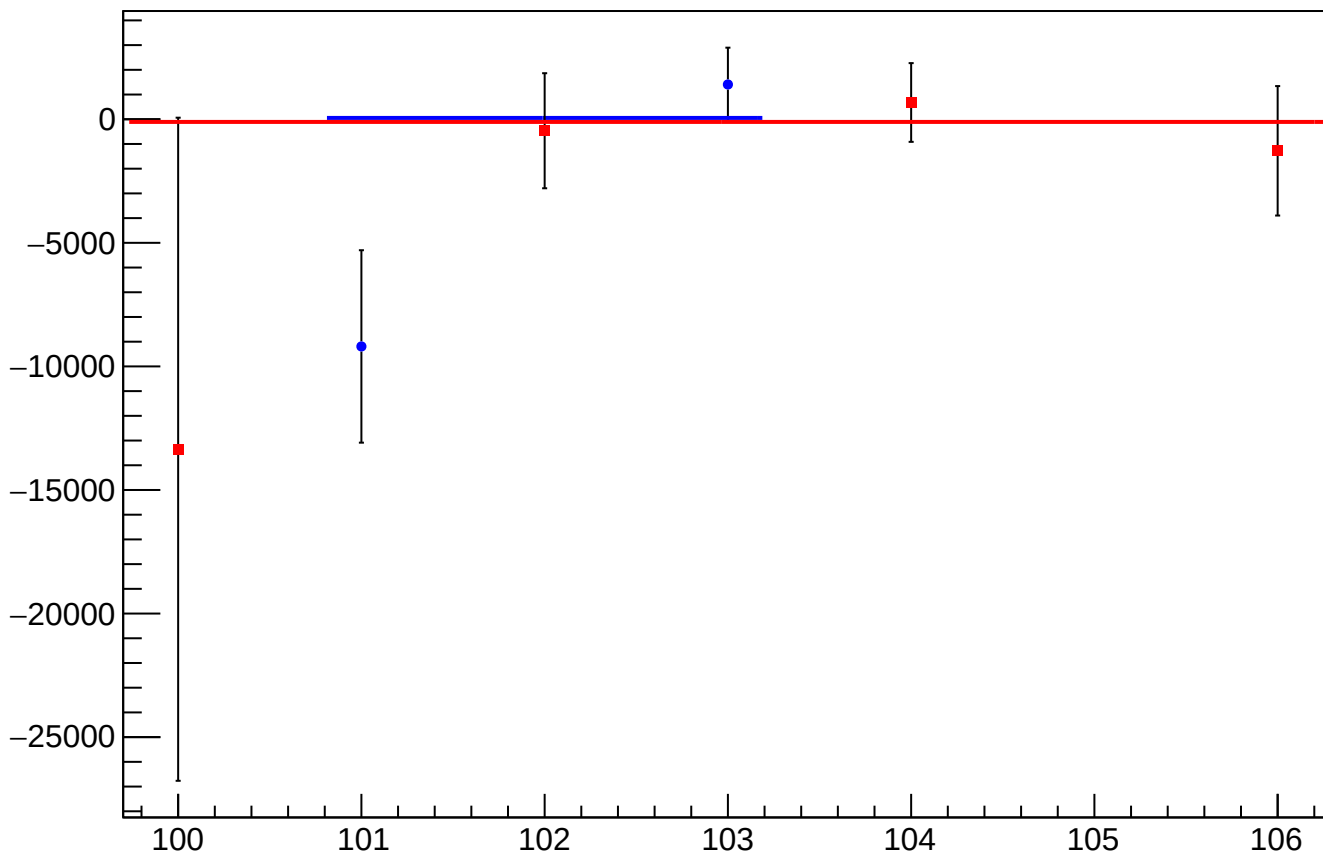
Right: 1254.741+/-0.550 χ^2/NDF : 203058.3/5

In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1254.741+/-0.550 χ^2/NDF : 203058.3/5

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.816+/-1170.378 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

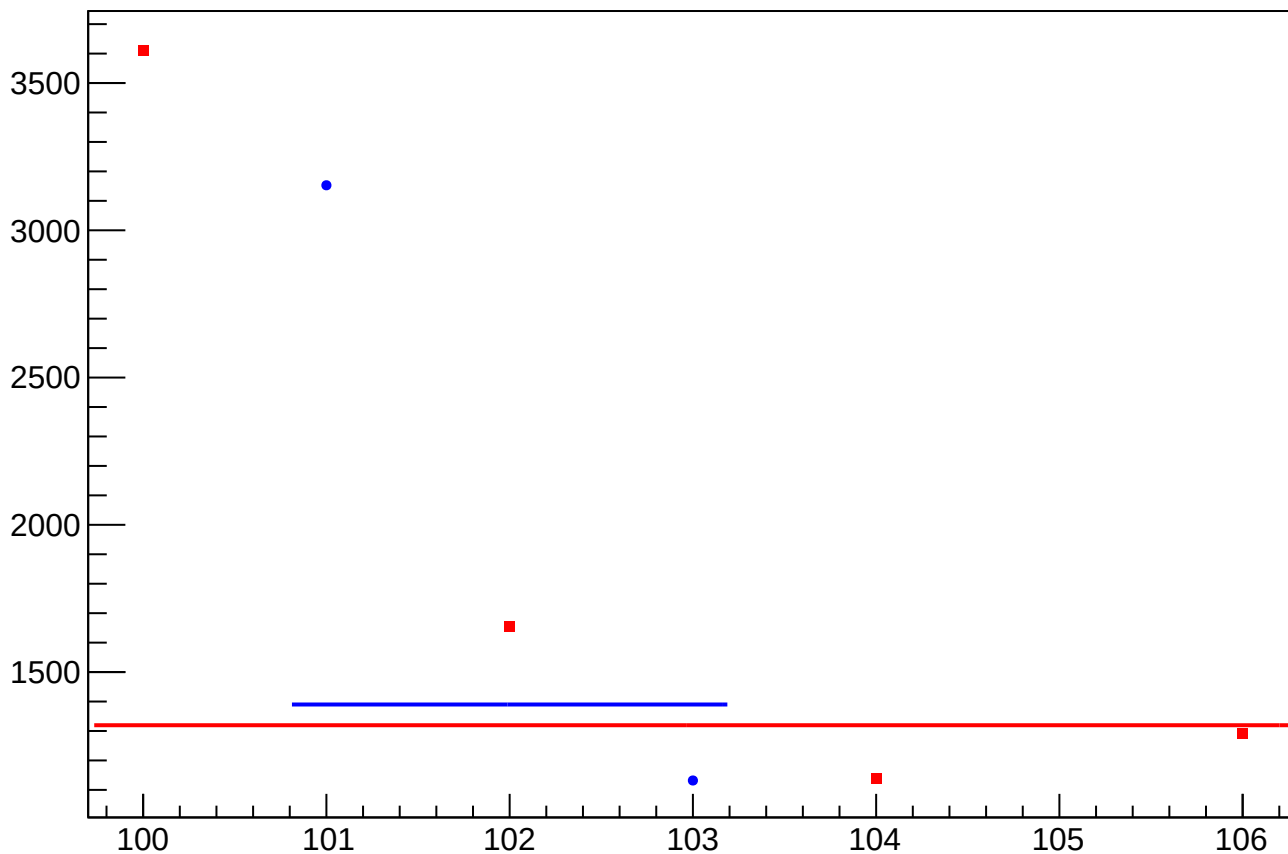
Right: -40.840+/-895.560 χ^2/NDF : 7.9/5

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.840+/-895.560 χ^2/NDF : 7.9/5

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.551+/-0.828 χ^2/NDF : 125605.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

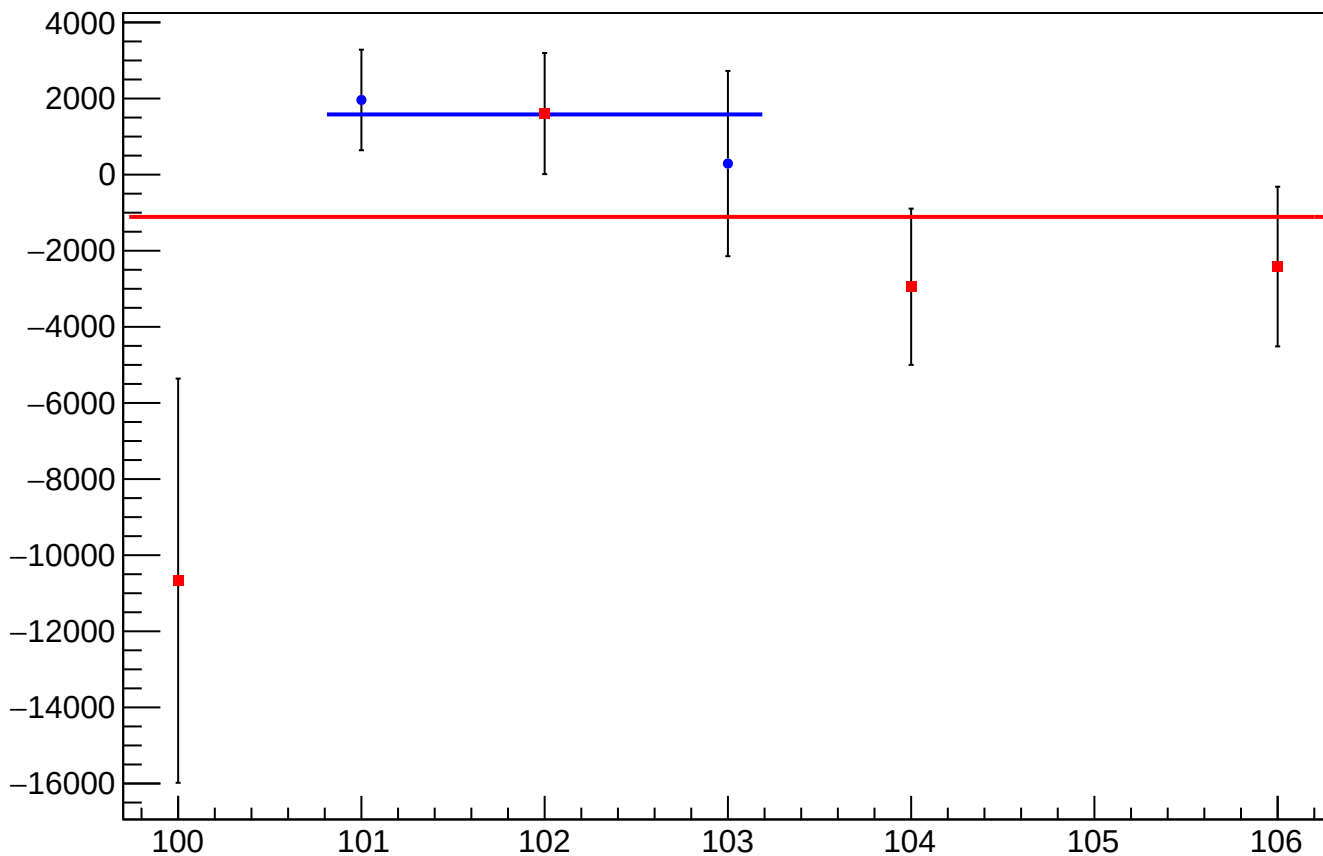
Right: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.987+/-1057.398 χ^2/NDF : 7.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

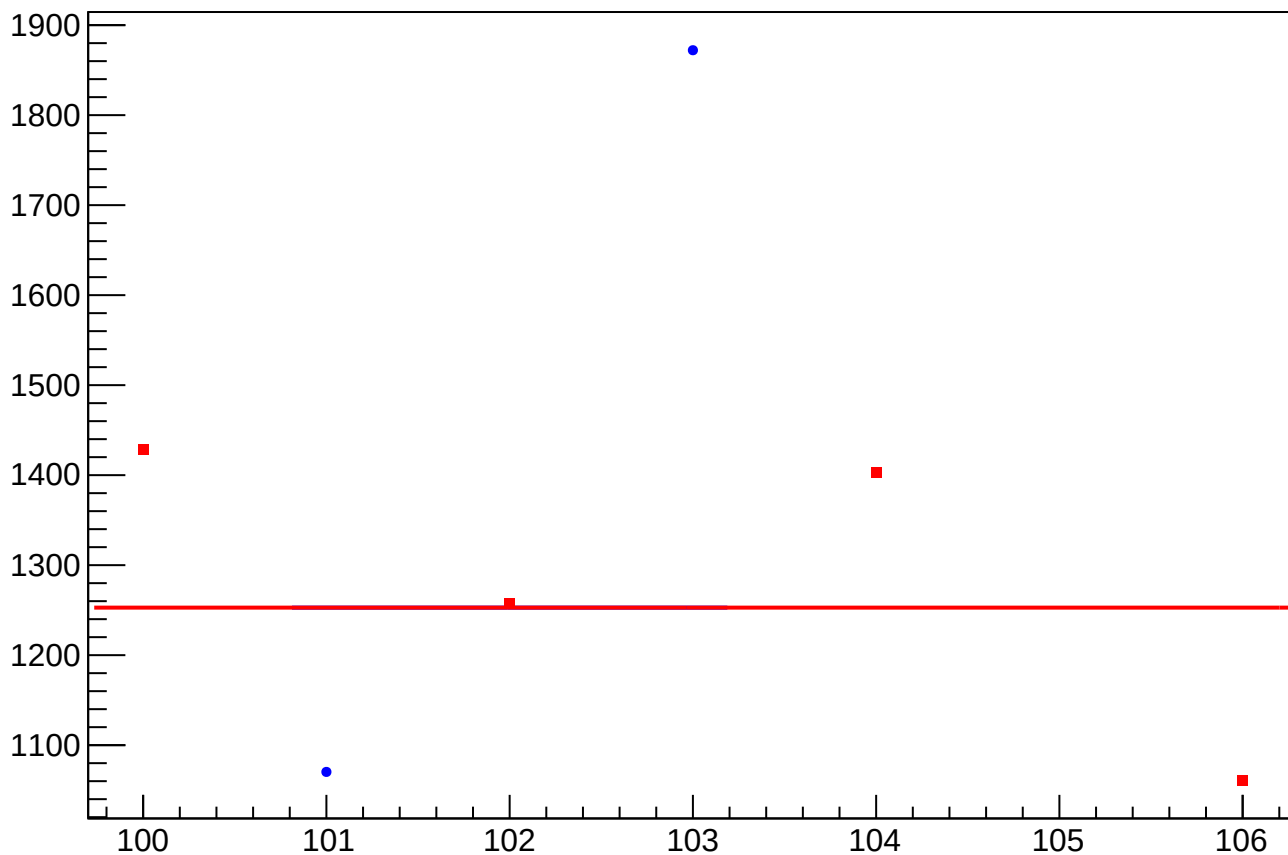
Right: 110.075+/-781.872 χ^2/NDF : 10.6/5

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.075+/-781.872 χ^2/NDF : 10.6/5

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1252.821+/-0.748 χ^2 /NDF: 29684.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

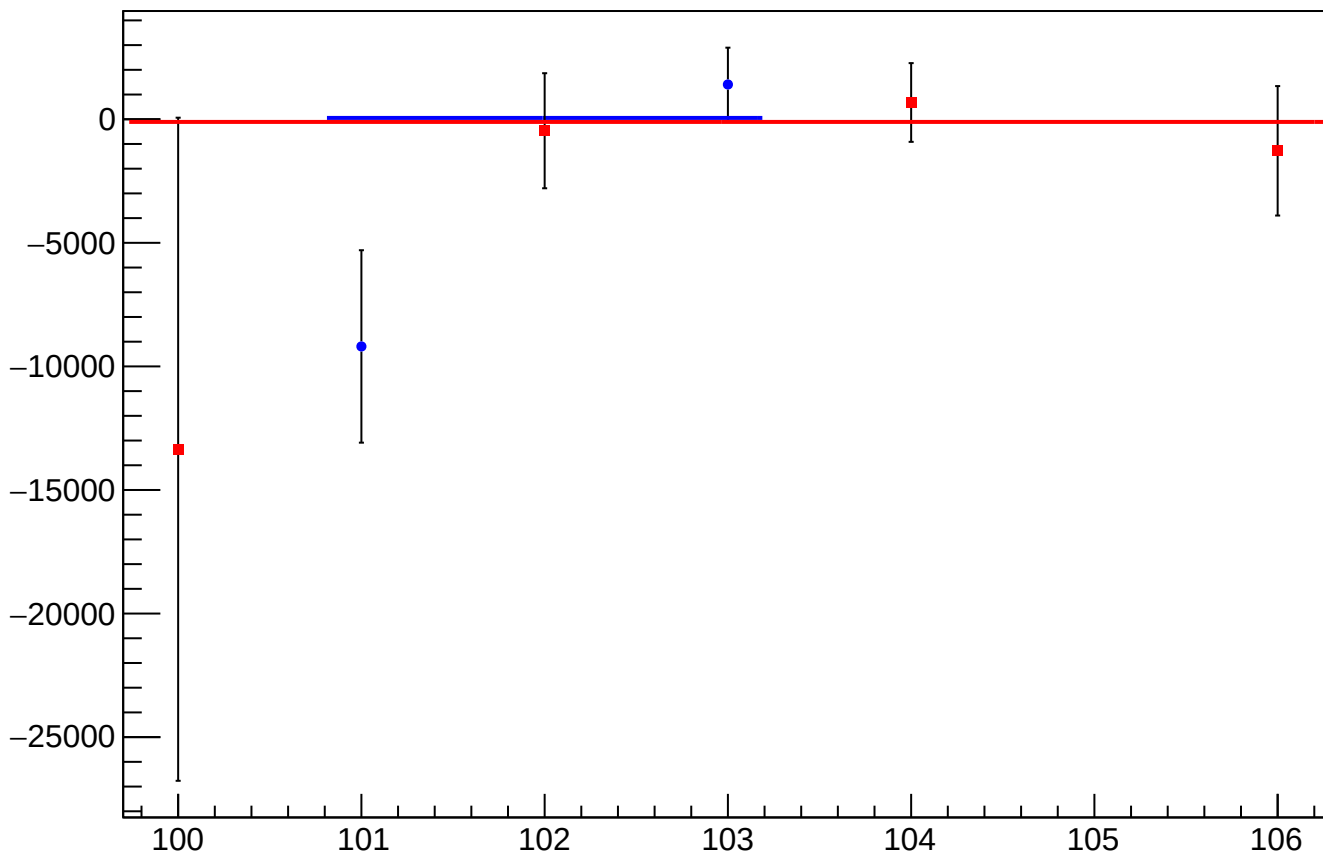
Right: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

In: 1252.801+/-0.821 χ^2 /NDF:167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

eigen_cor_asym_atl_dd_atr_dd_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.816+/-1170.378 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

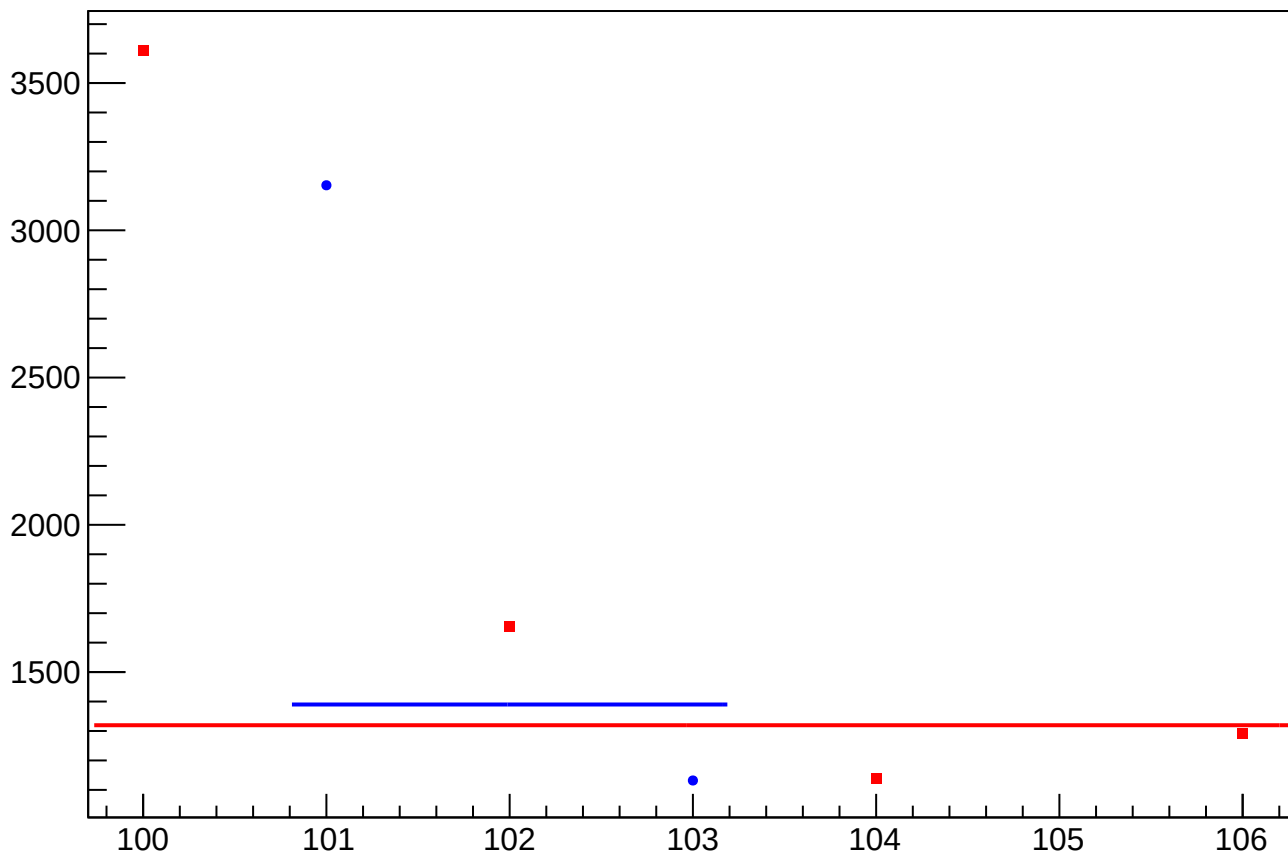
Right: -40.840+/-895.560 χ^2/NDF : 7.9/5

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.840+/-895.560 χ^2/NDF : 7.9/5

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.551+/-0.828 χ^2/NDF : 125605.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

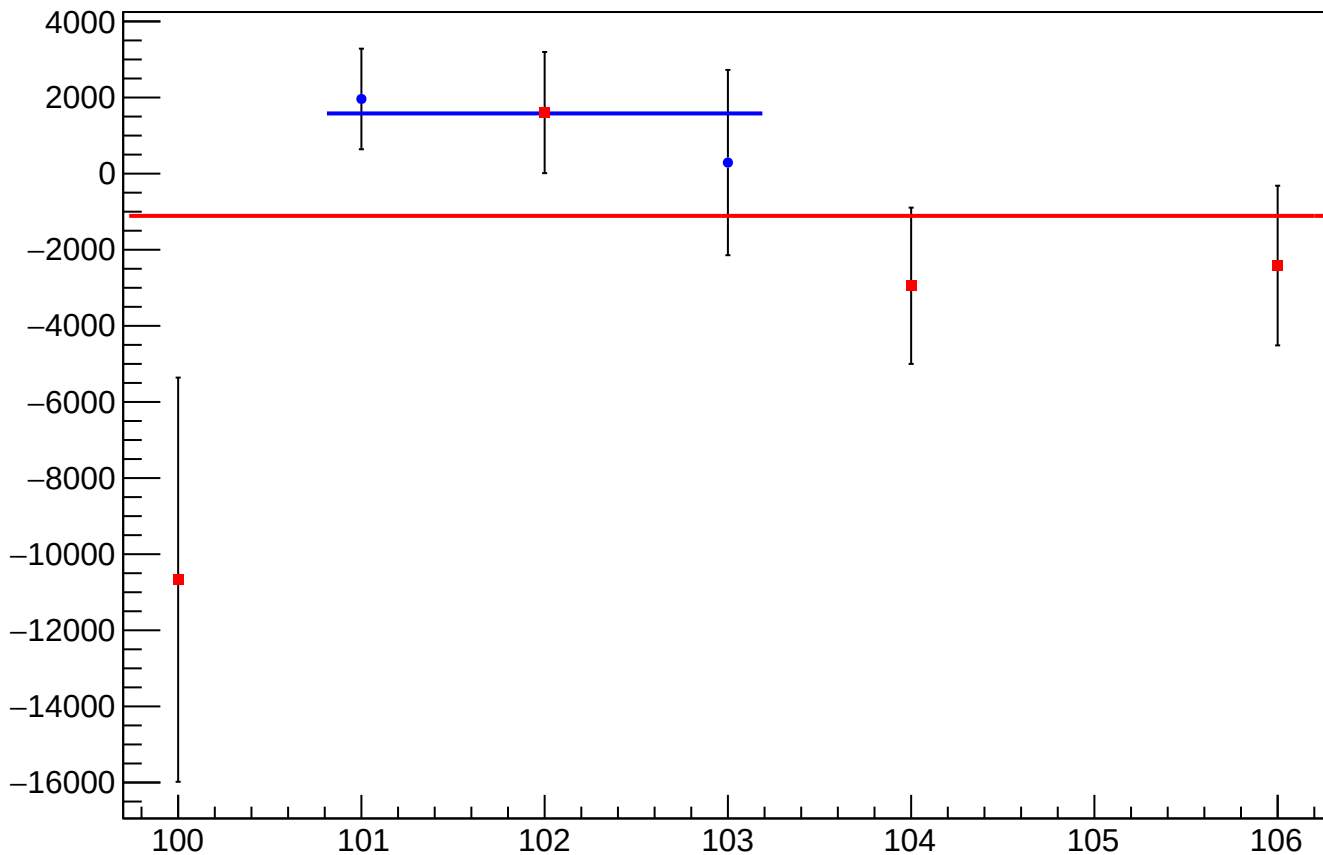
Right: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2 /NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1109.987+/-1057.398 χ^2 /NDF: 7.3/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

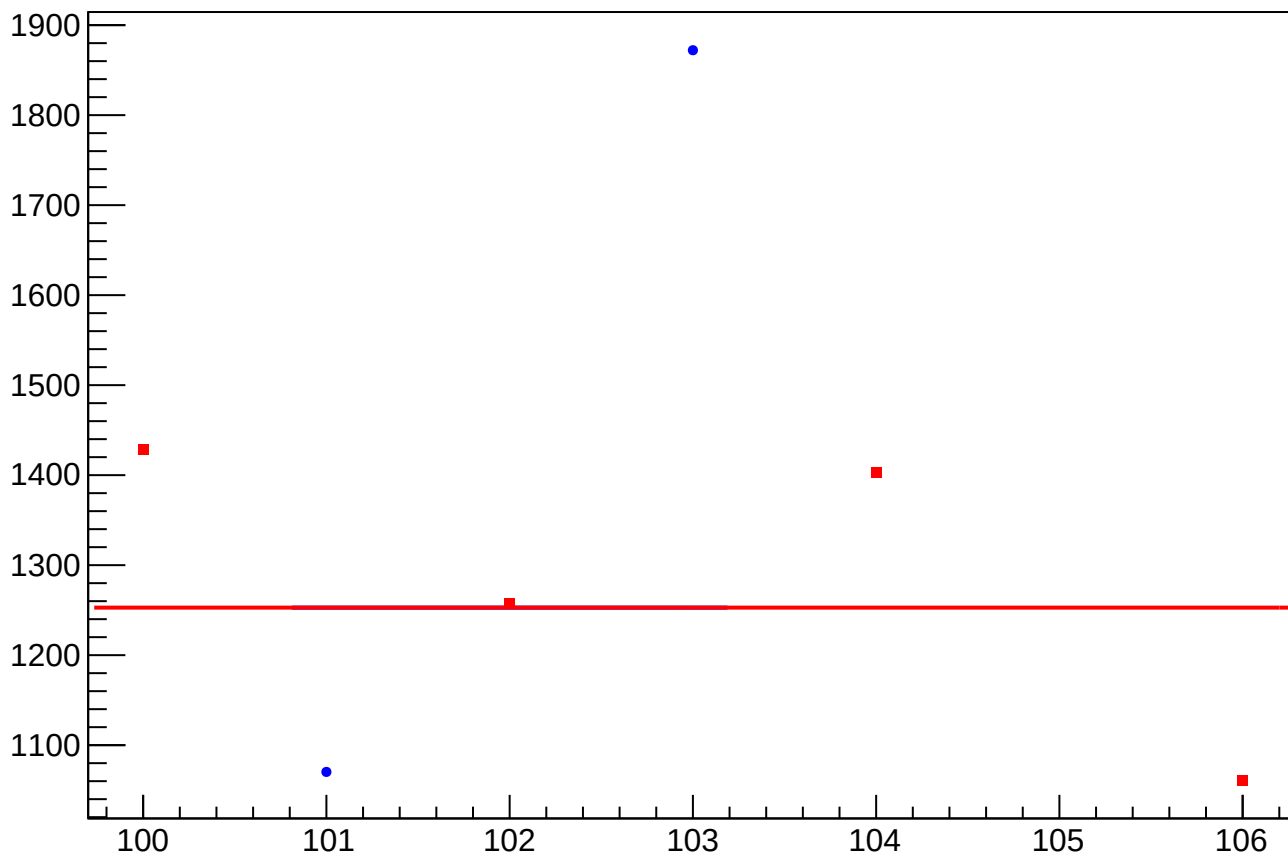
Right: 110.075+/-781.872 χ^2 /NDF: 10.6/5

In: 1581.860+/-1161.368 χ^2 /NDF: 0.4/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 110.075+/-781.872 χ^2 /NDF: 10.6/5

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801 $\pm$ 0.821 χ^2 /NDF: 167617.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1252.821 $\pm$ 0.748 χ^2 /NDF: 29684.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

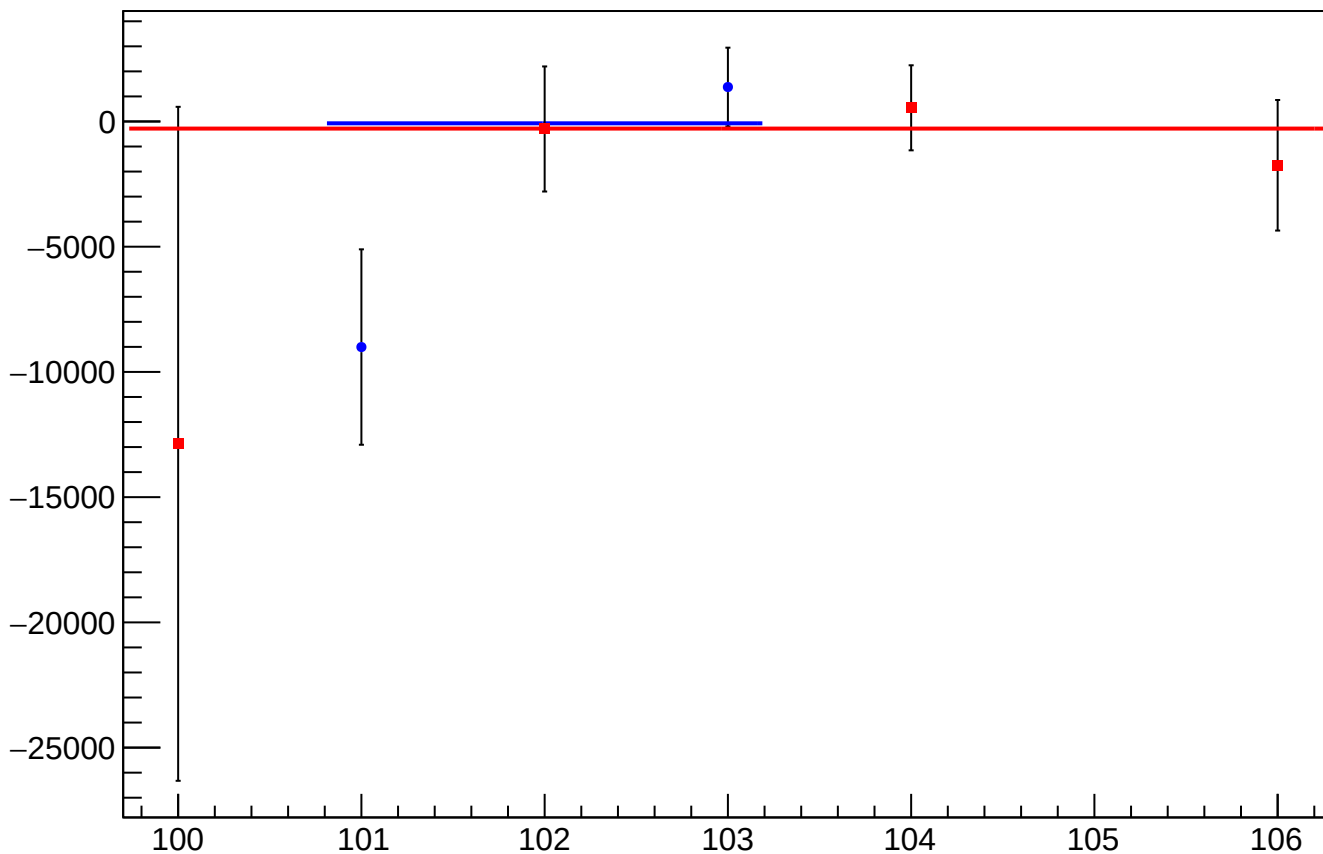
Right: 1252.812 $\pm$ 0.553 χ^2 /NDF: 197301.9/5

In: 1252.801 $\pm$ 0.821 χ^2 /NDF: 167617.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1252.812 $\pm$ 0.553 χ^2 /NDF: 197301.9/5

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -73.610+/-1457.490 χ^2 /NDF: 6.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -284.002+/-1230.994 χ^2 /NDF: 1.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

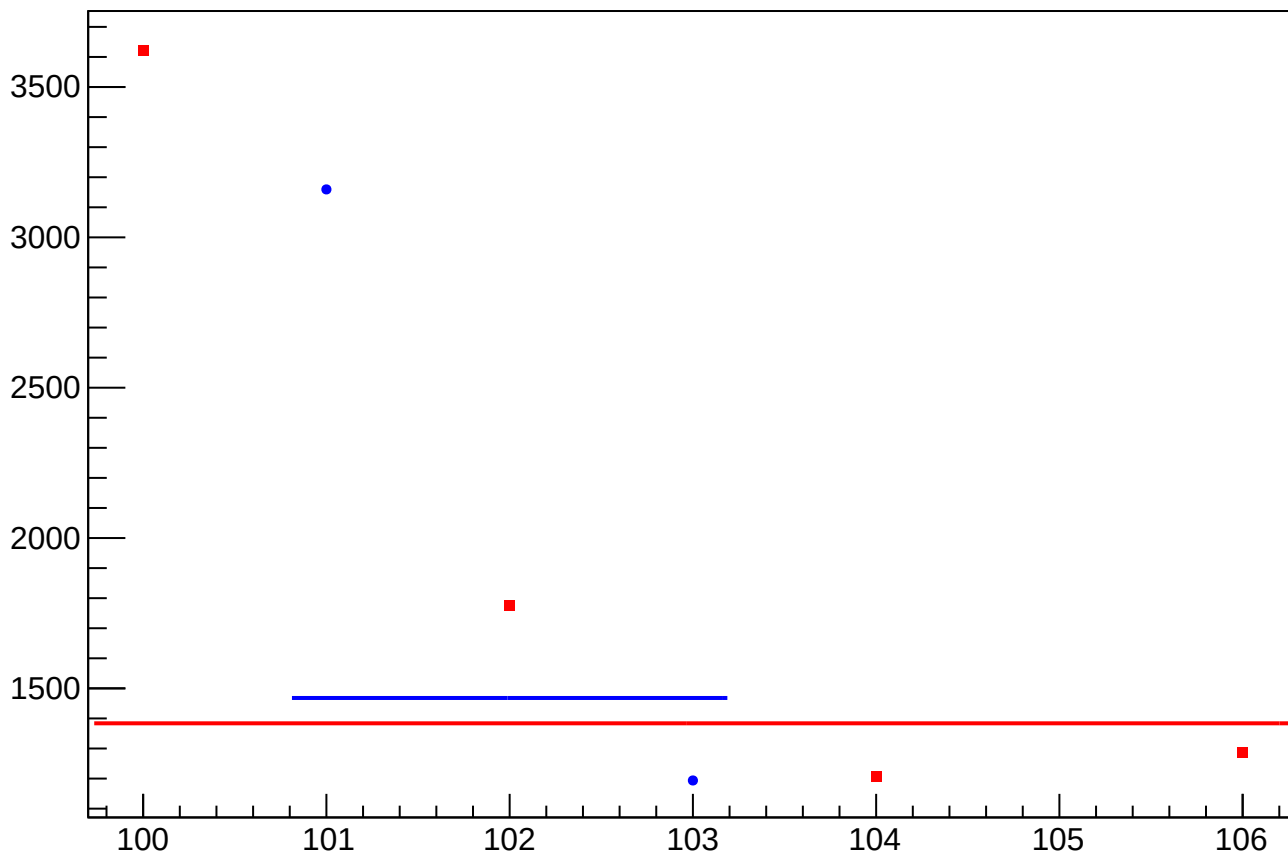
Right: -196.406+/-940.445 χ^2 /NDF: 7.5/5

In: -73.610+/-1457.490 χ^2 /NDF:6.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -196.406+/-940.445 χ^2 /NDF: 7.5/5

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.796+/-0.870 χ^2/NDF : 128972.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

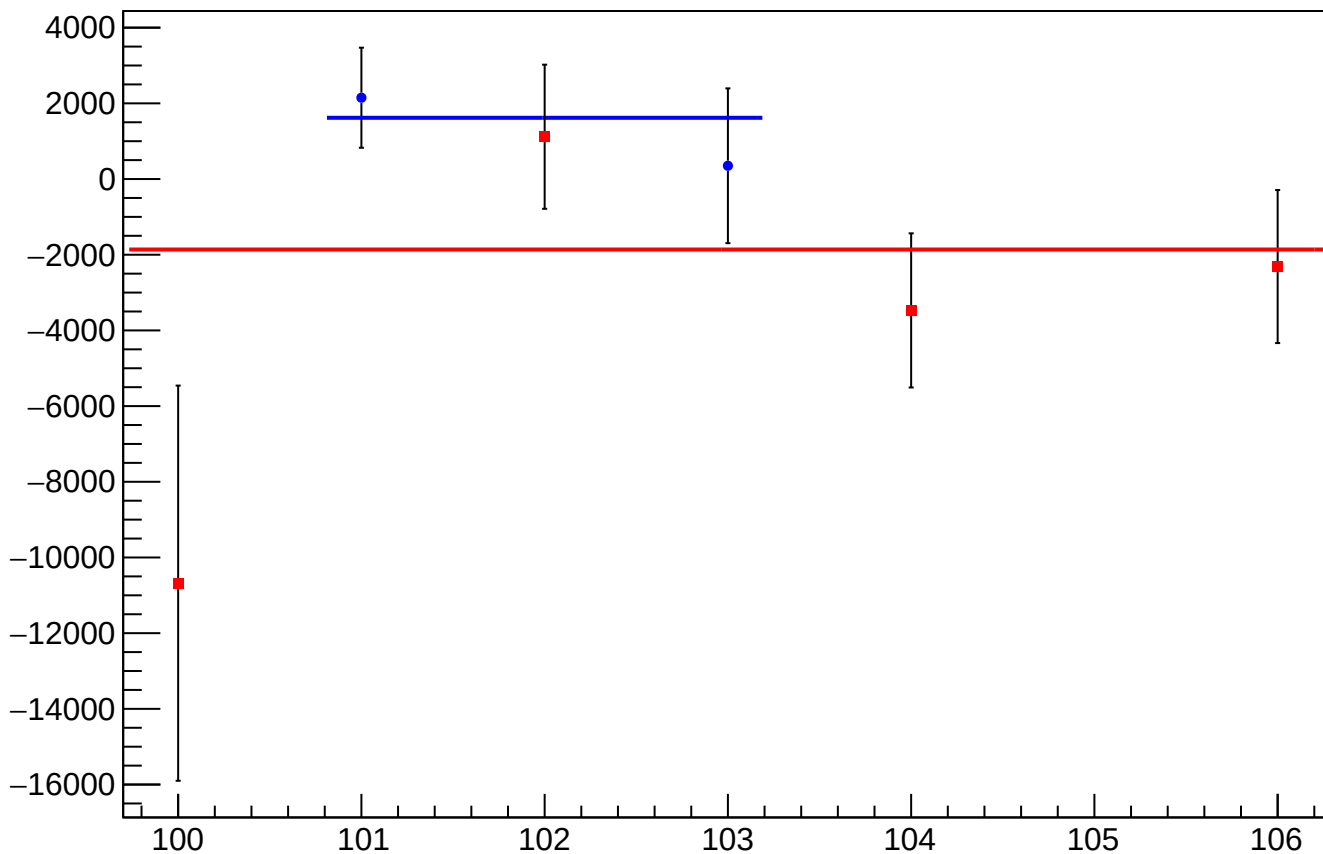
Right: 1418.881+/-0.665 χ^2/NDF : 569777.3/5

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.881+/-0.665 χ^2/NDF : 569777.3/5

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.392 $\pm$ 1110.622 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1861.840 $\pm$ 1119.321 χ^2 /NDF: 6.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

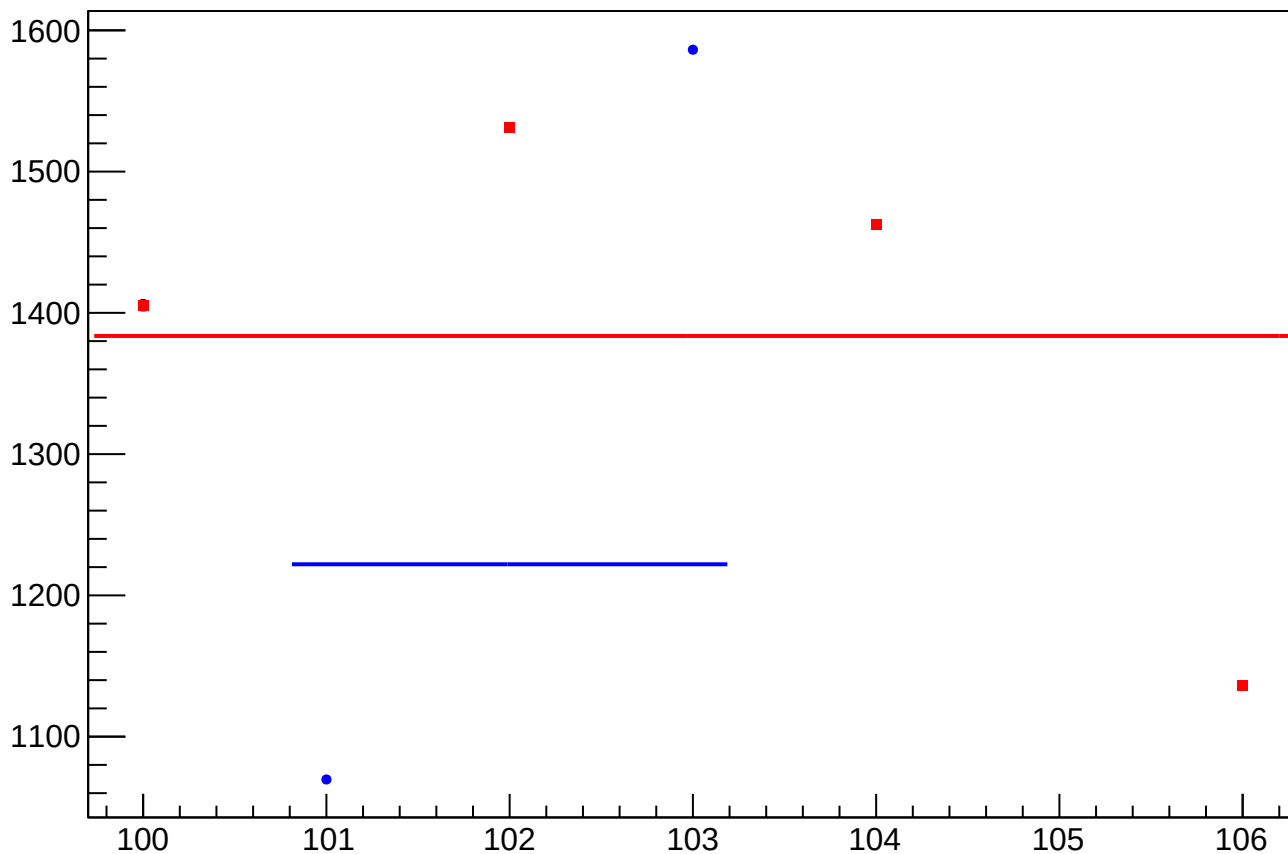
Right: -108.147 $\pm$ 788.386 χ^2 /NDF: 11.4/5

In: 1618.392 $\pm$ 1110.622 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -108.147 $\pm$ 788.386 χ^2 /NDF: 11.4/5

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.645+/-0.791 χ^2/NDF : 44898.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

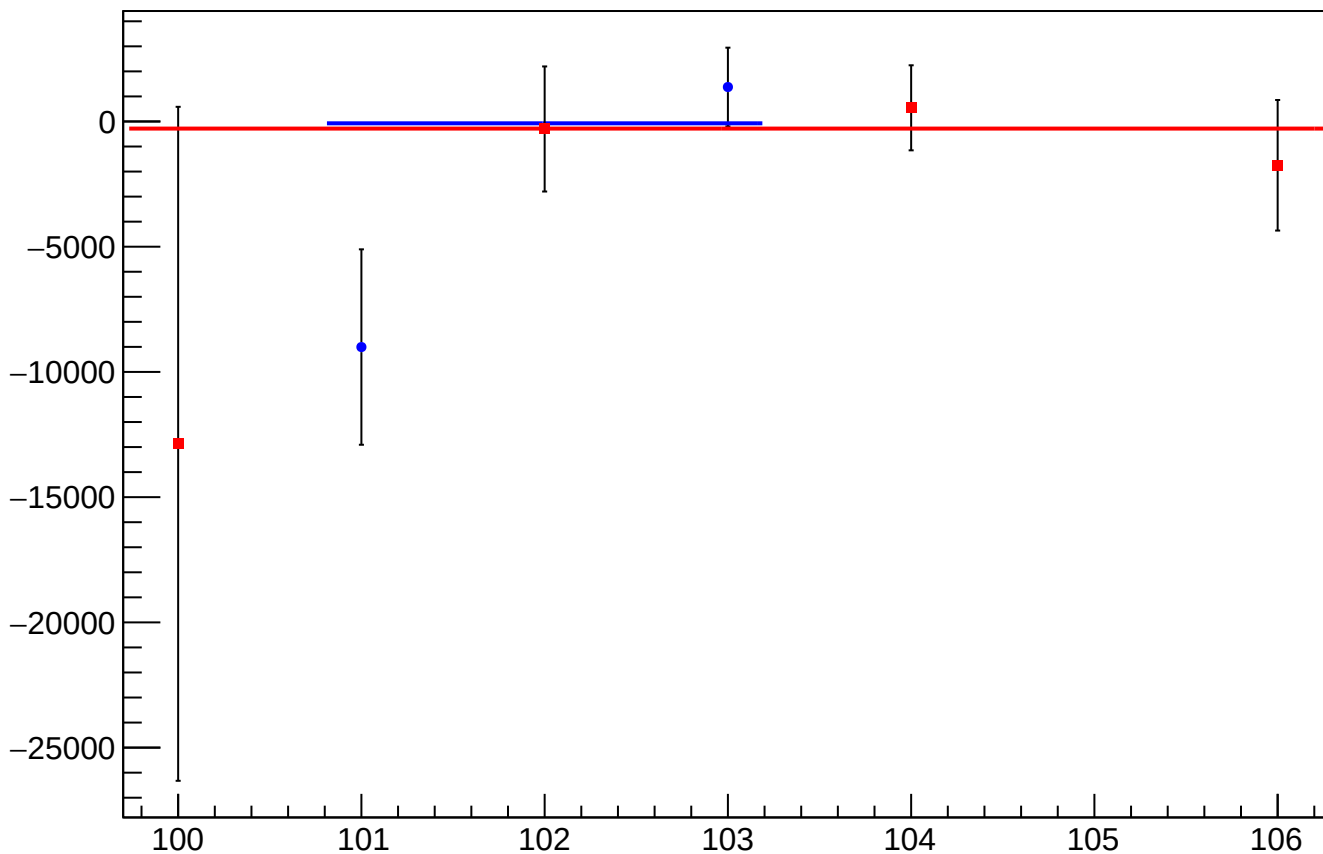
Right: 1302.201+/-0.557 χ^2/NDF : 155886.9/5

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.201+/-0.557 χ^2/NDF : 155886.9/5

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -73.616+/-1457.489 χ^2/NDF : 6.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -284.002+/-1230.994 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

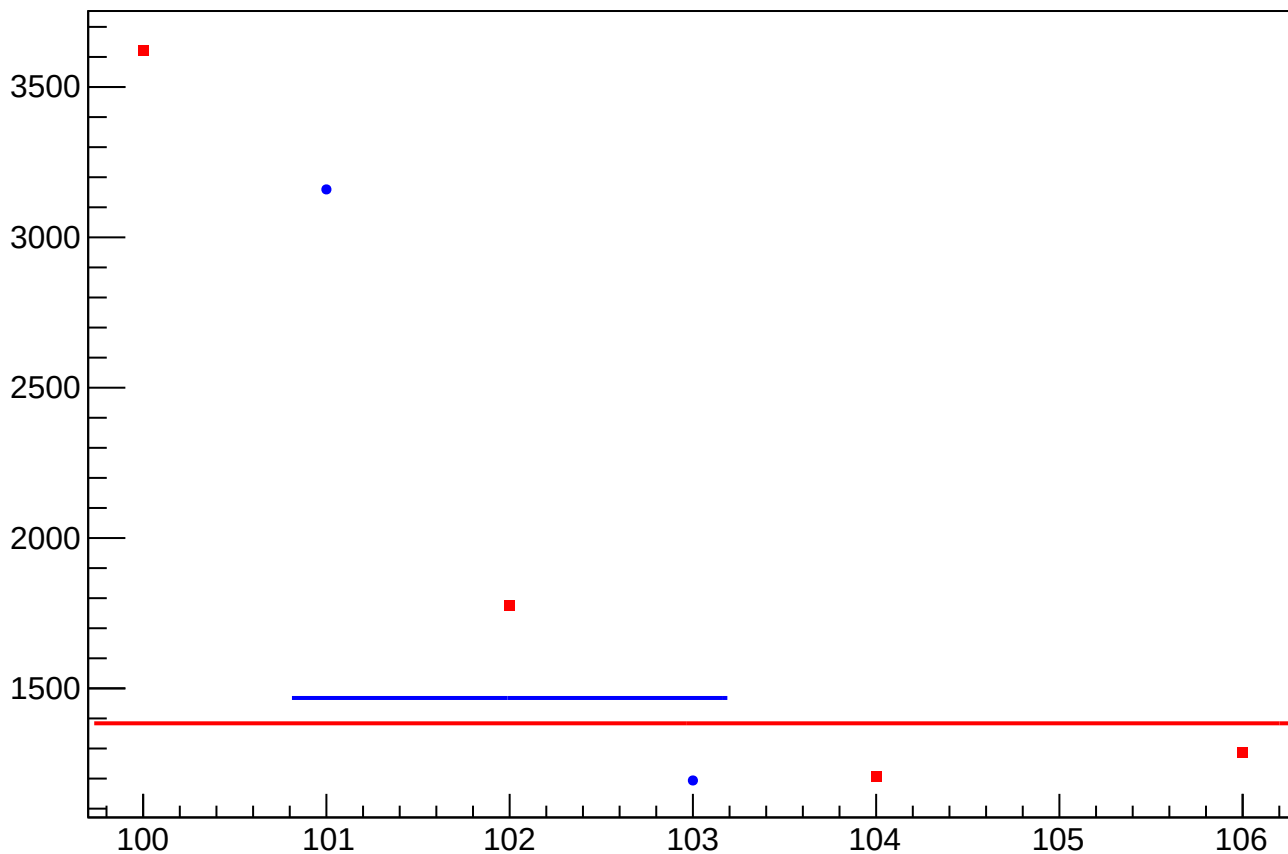
Right: -196.408+/-940.444 χ^2/NDF : 7.5/5

In: -73.616+/-1457.489 χ^2/NDF : 6.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.408+/-940.444 χ^2/NDF : 7.5/5

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.796+/-0.870 χ^2/NDF : 128972.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

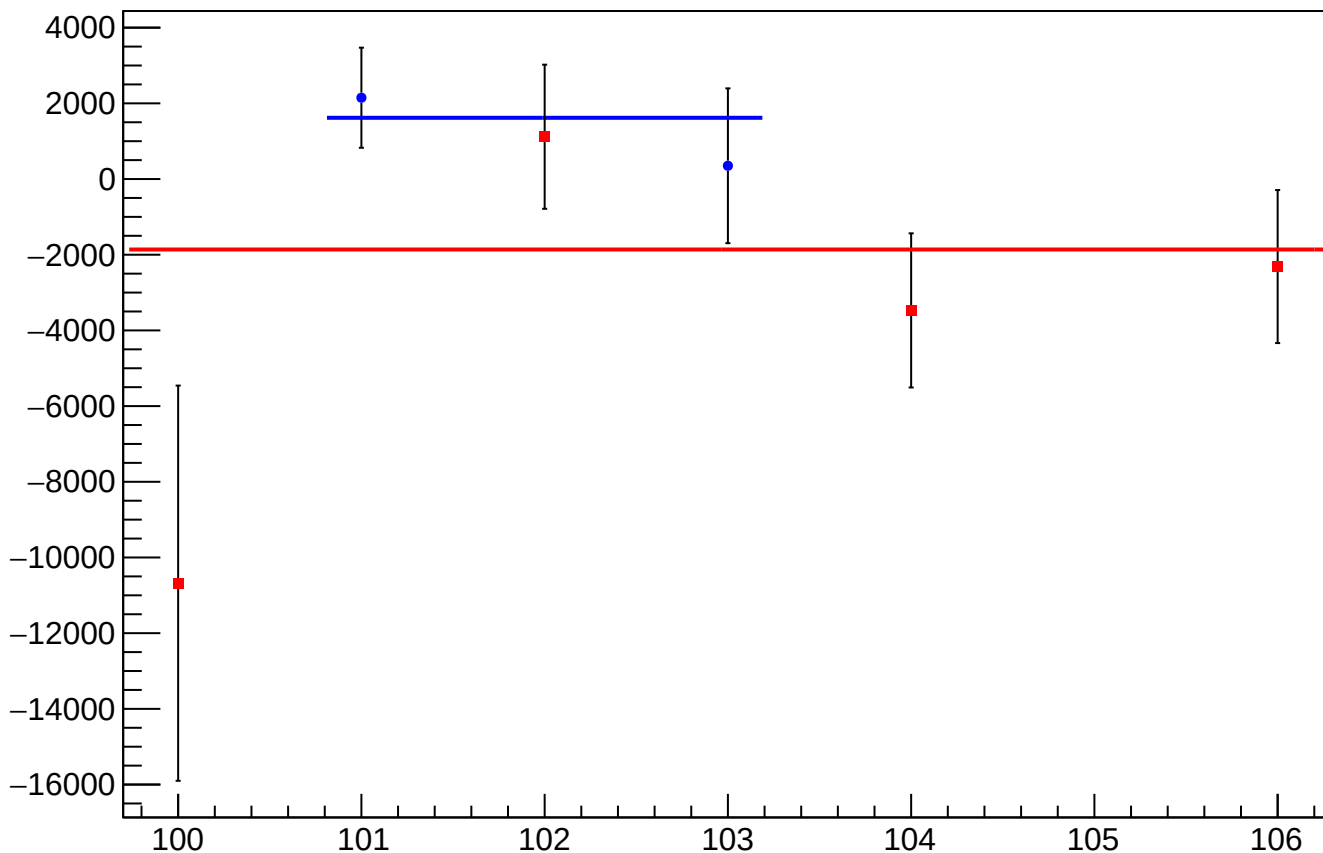
Right: 1418.881+/-0.665 χ^2/NDF : 569777.7/5

In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.881+/-0.665 χ^2/NDF : 569777.7/5

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.386 $\pm$ 1110.617 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1861.844 $\pm$ 1119.321 χ^2 /NDF: 6.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

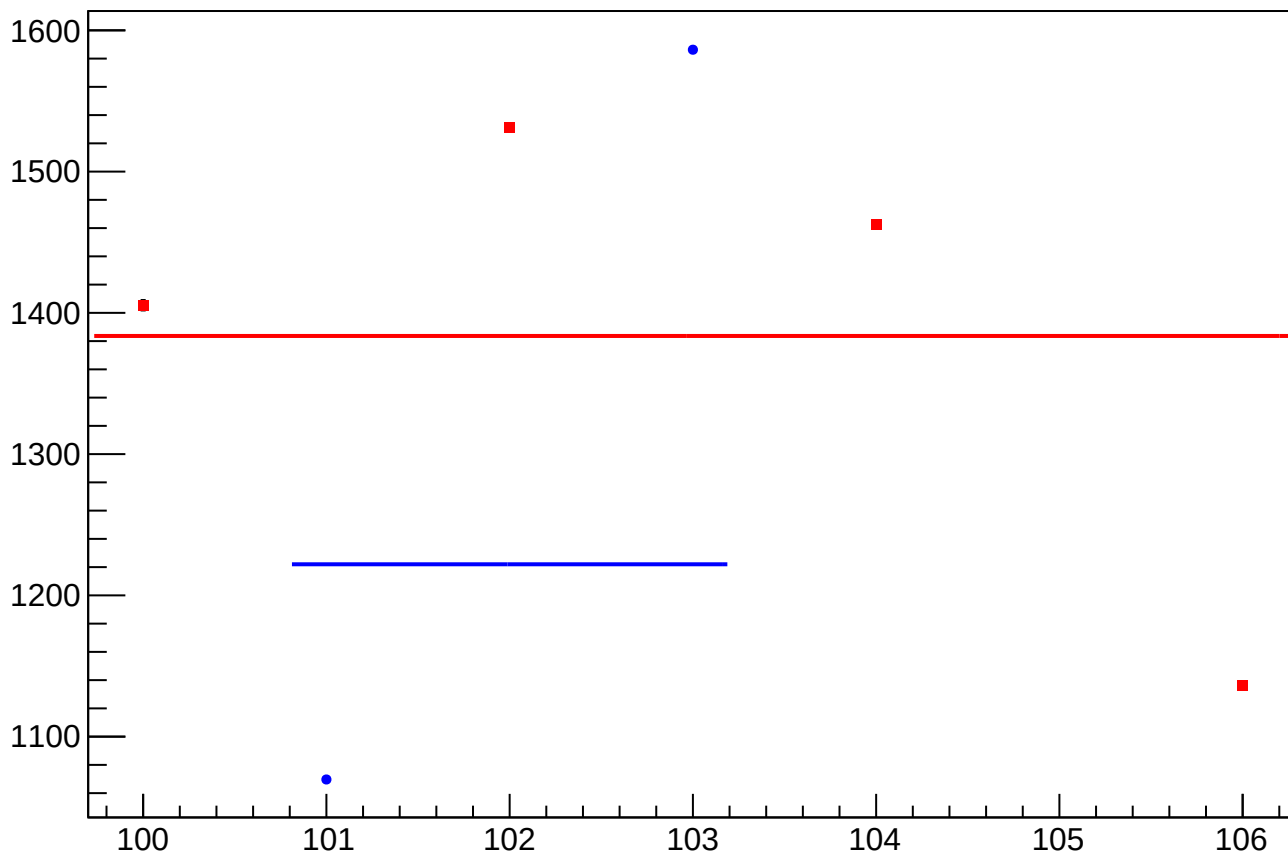
Right: -108.145 $\pm$ 788.384 χ^2 /NDF: 11.4/5

In: 1618.386 $\pm$ 1110.617 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -108.145 $\pm$ 788.384 χ^2 /NDF: 11.4/5

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.644+/-0.791 χ^2/NDF : 44901.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

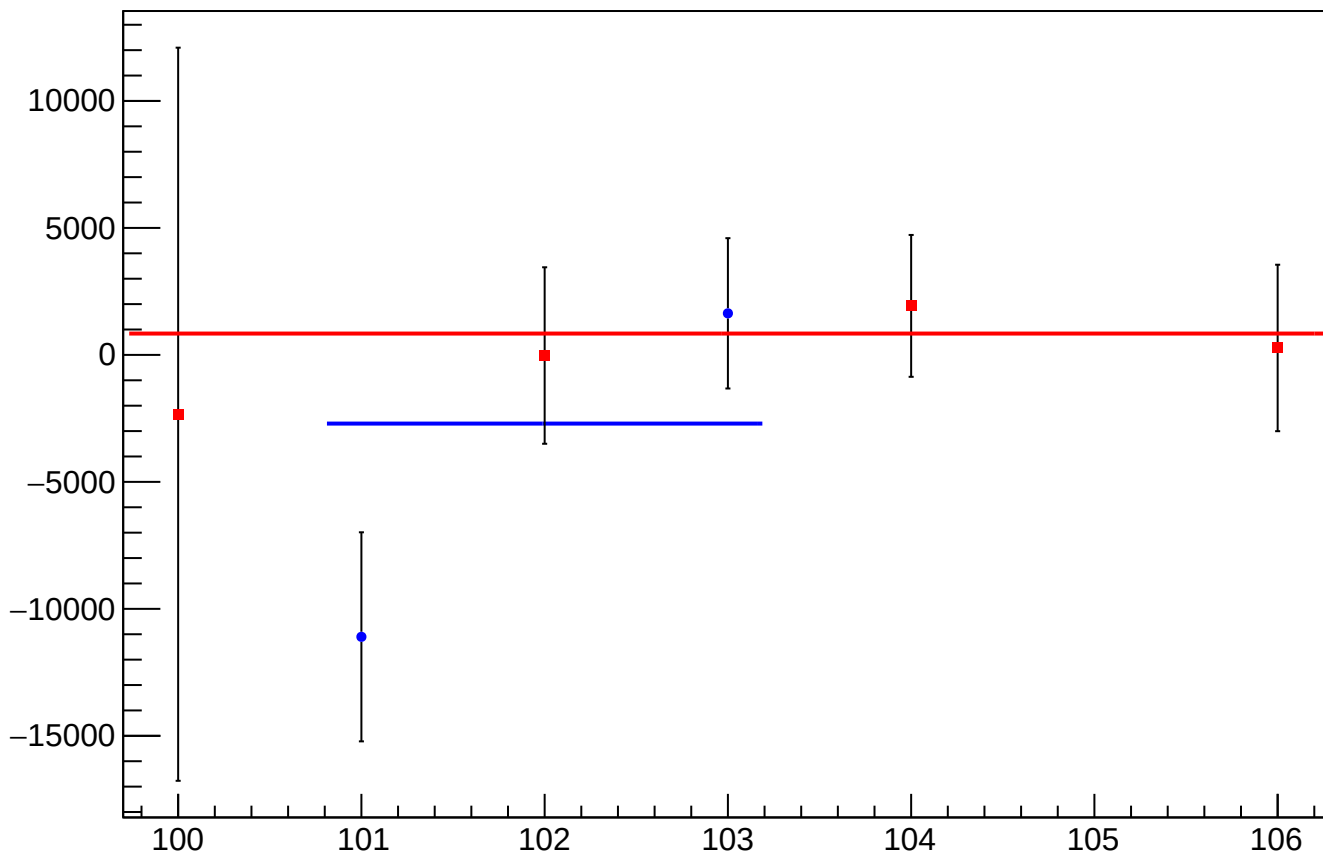
Right: 1302.196+/-0.557 χ^2/NDF : 155895.8/5

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.196+/-0.557 χ^2/NDF : 155895.8/5

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2704.555 $\pm$ 2403.097 χ^2 /NDF: 6.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 840.426 $\pm$ 1799.269 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

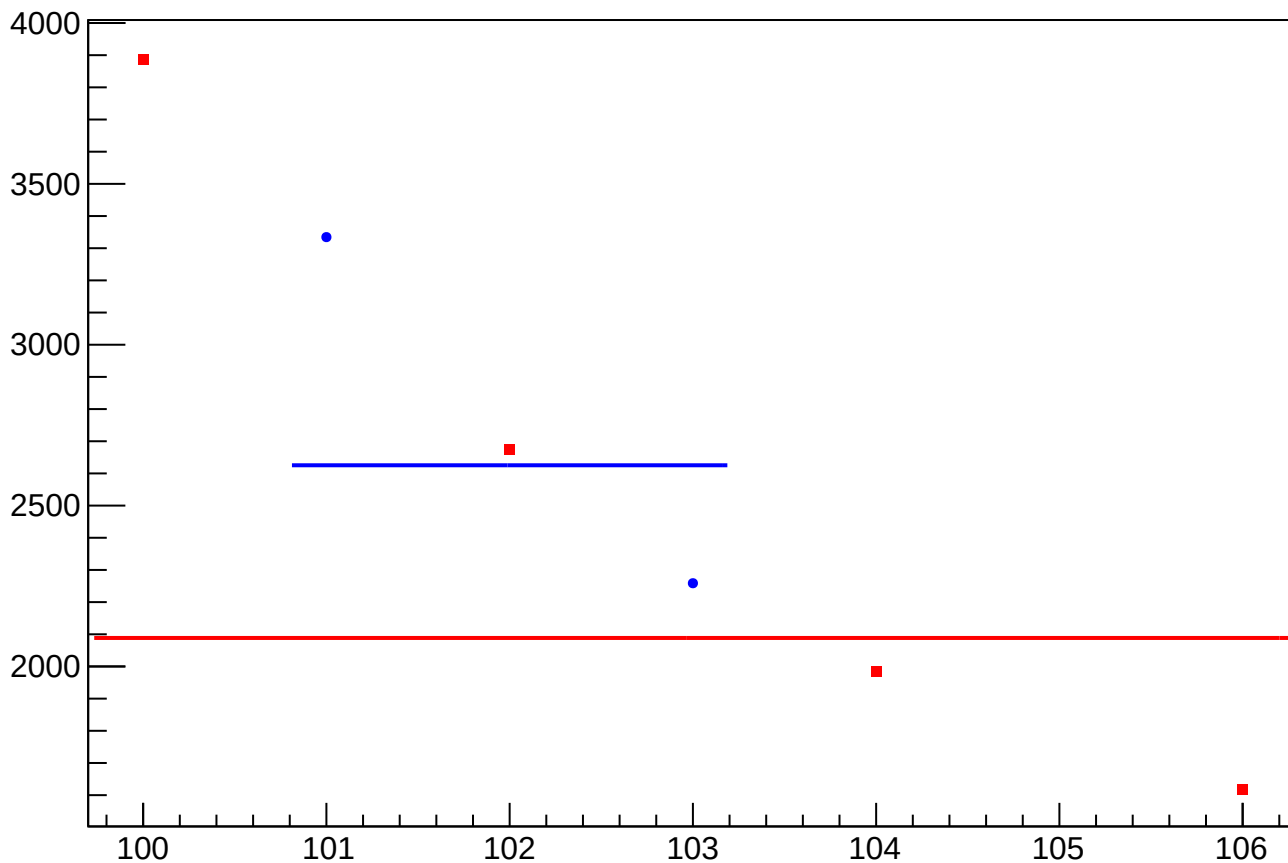
Right: -432.998 $\pm$ 1440.294 χ^2 /NDF: 8.0/5

In: -2704.555 $\pm$ 2403.097 χ^2 /NDF: 6.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -432.998 $\pm$ 1440.294 χ^2 /NDF: 8.0/5

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2088.584+/-1.272 χ^2/NDF : 131676.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

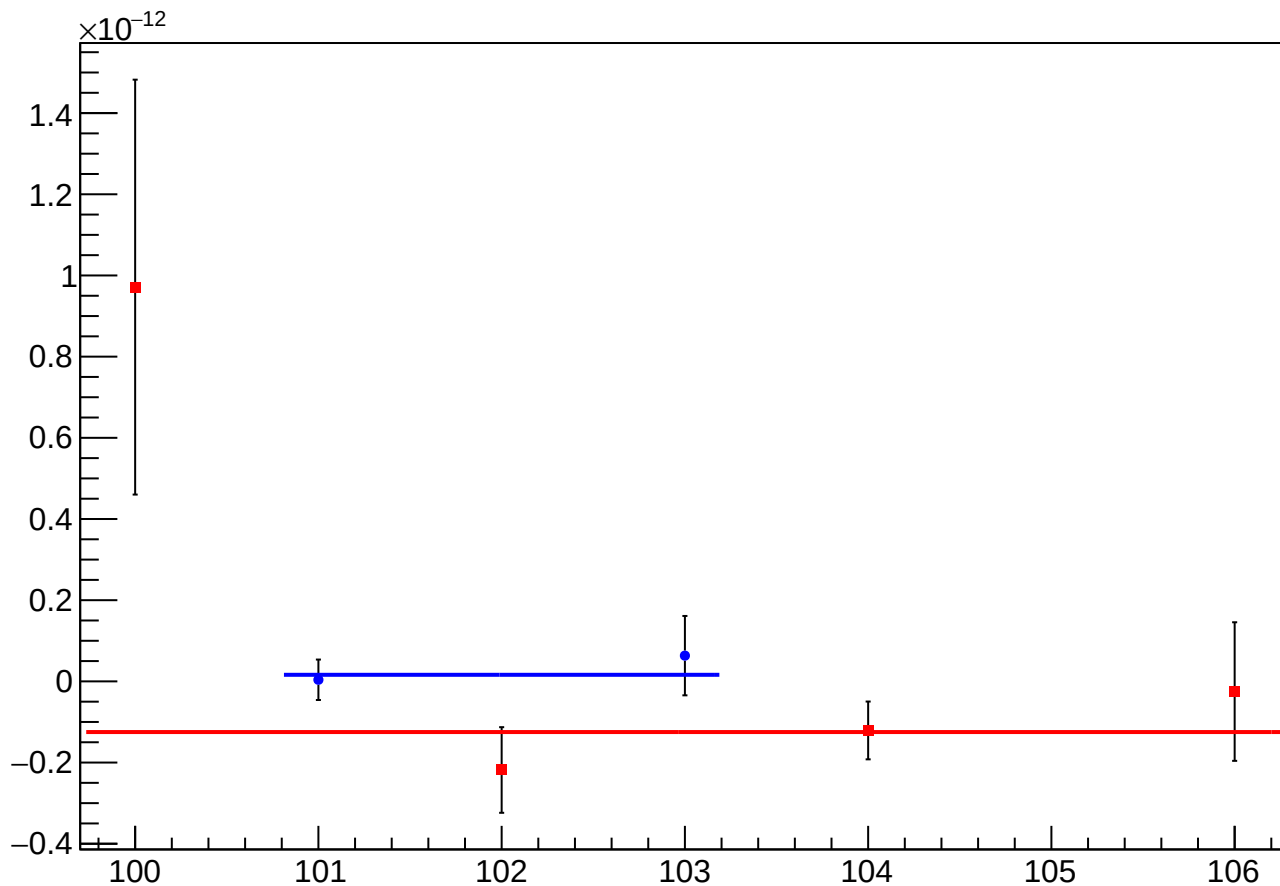
Right: 2281.379+/-1.018 χ^2/NDF : 285659.2/5

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2281.379+/-1.018 χ^2/NDF : 285659.2/5

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

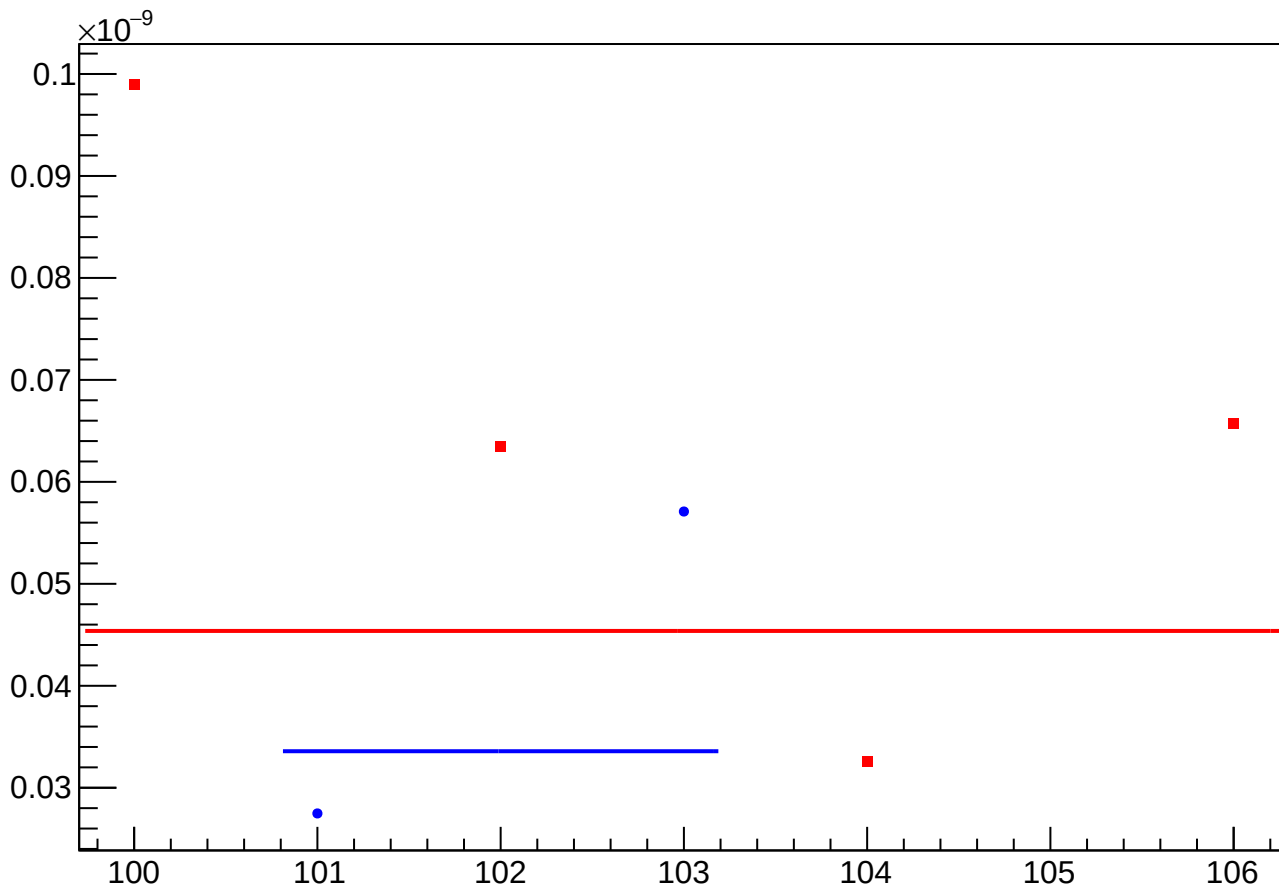
Right: -0.000+/-0.000 χ^2/NDF : 10.0/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/5

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 173683.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

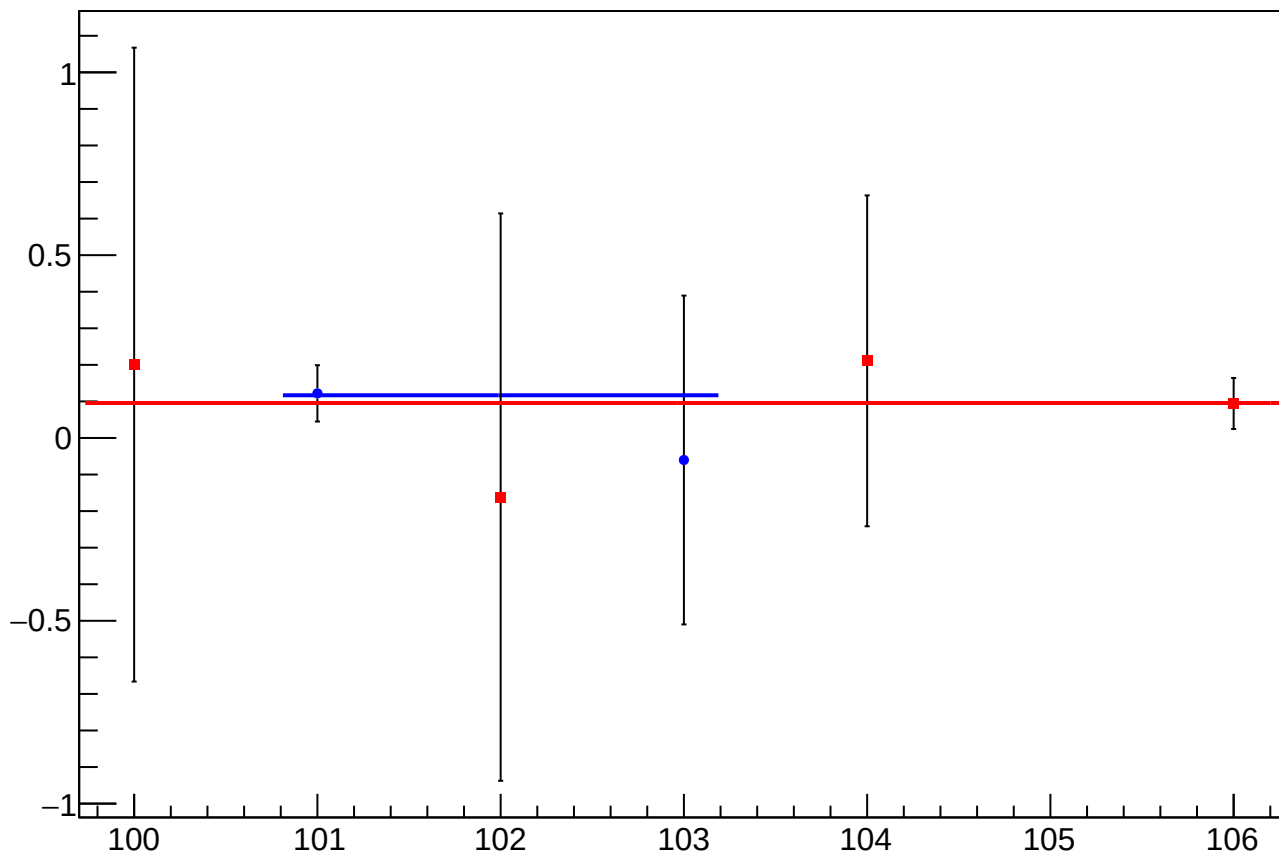
Right: 0.000+/-0.000 χ^2/NDF : 374524.4/5

In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 374524.4/5

asym_atl_dd_atr_dd_dd_dit_vs_Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

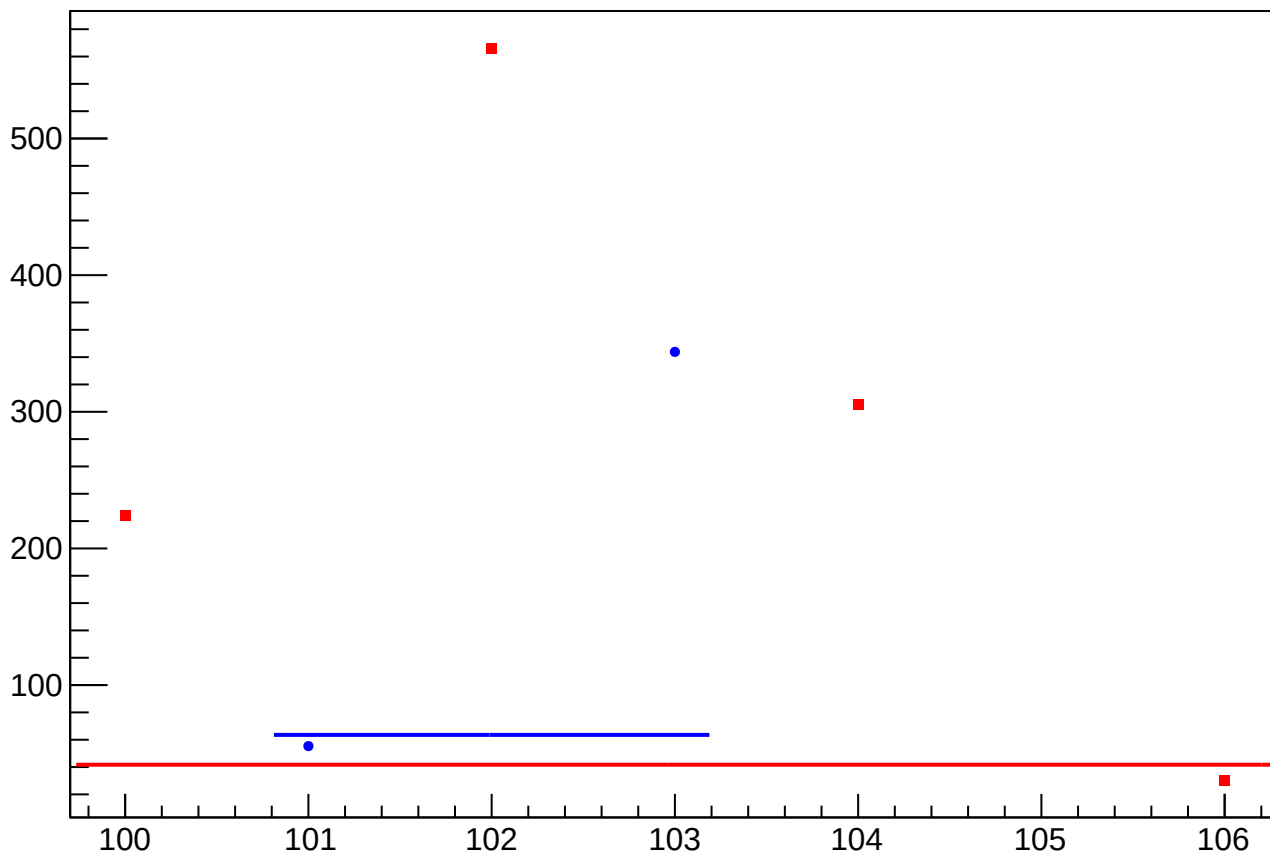
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547 $\pm$ 0.054 χ^2 /NDF: 799974.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.710 $\pm$ 0.048 χ^2 /NDF: 1738794.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

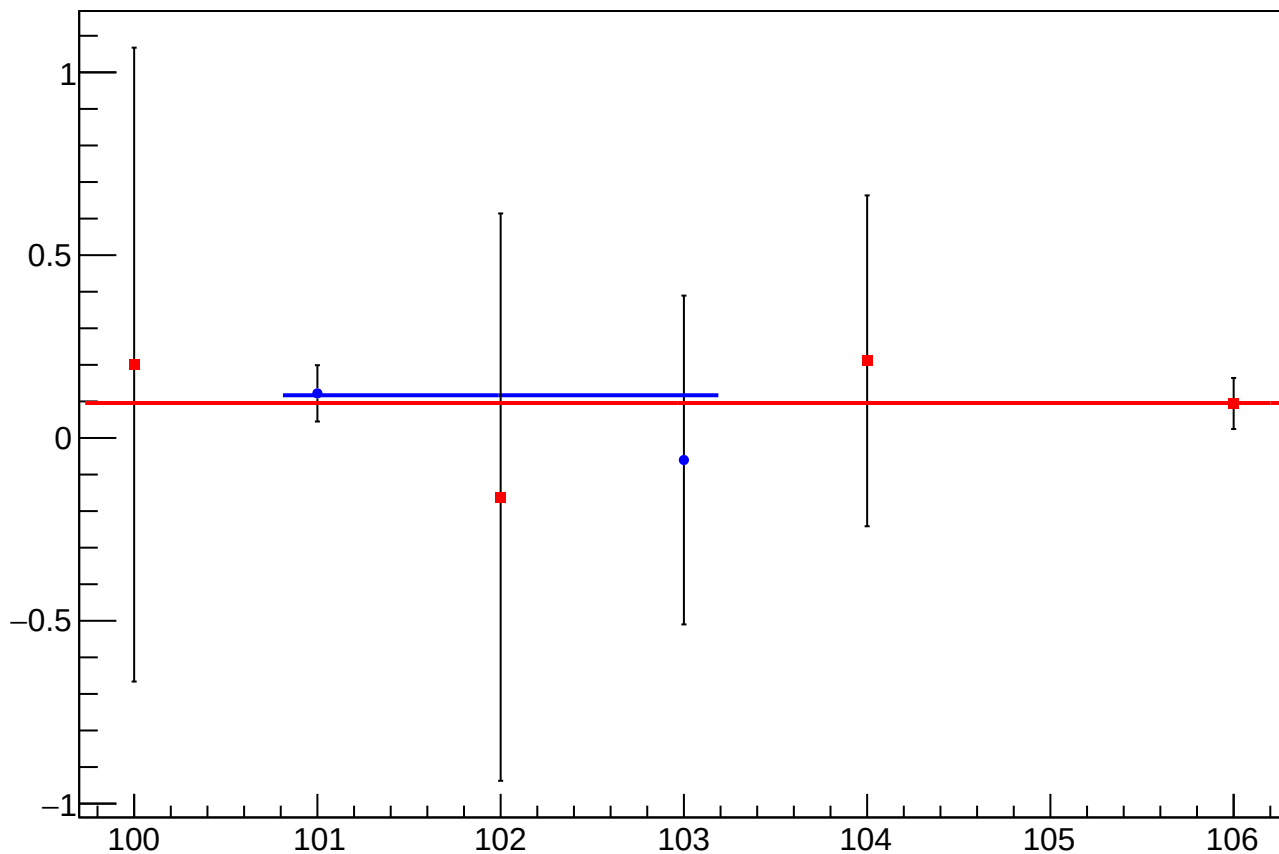
Right: 51.515 $\pm$ 0.036 χ^2 /NDF: 2629992.8/5

In: 63.547 $\pm$ 0.054 χ^2 /NDF:799974.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.515 $\pm$ 0.036 χ^2 /NDF: 2629992.8/5

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

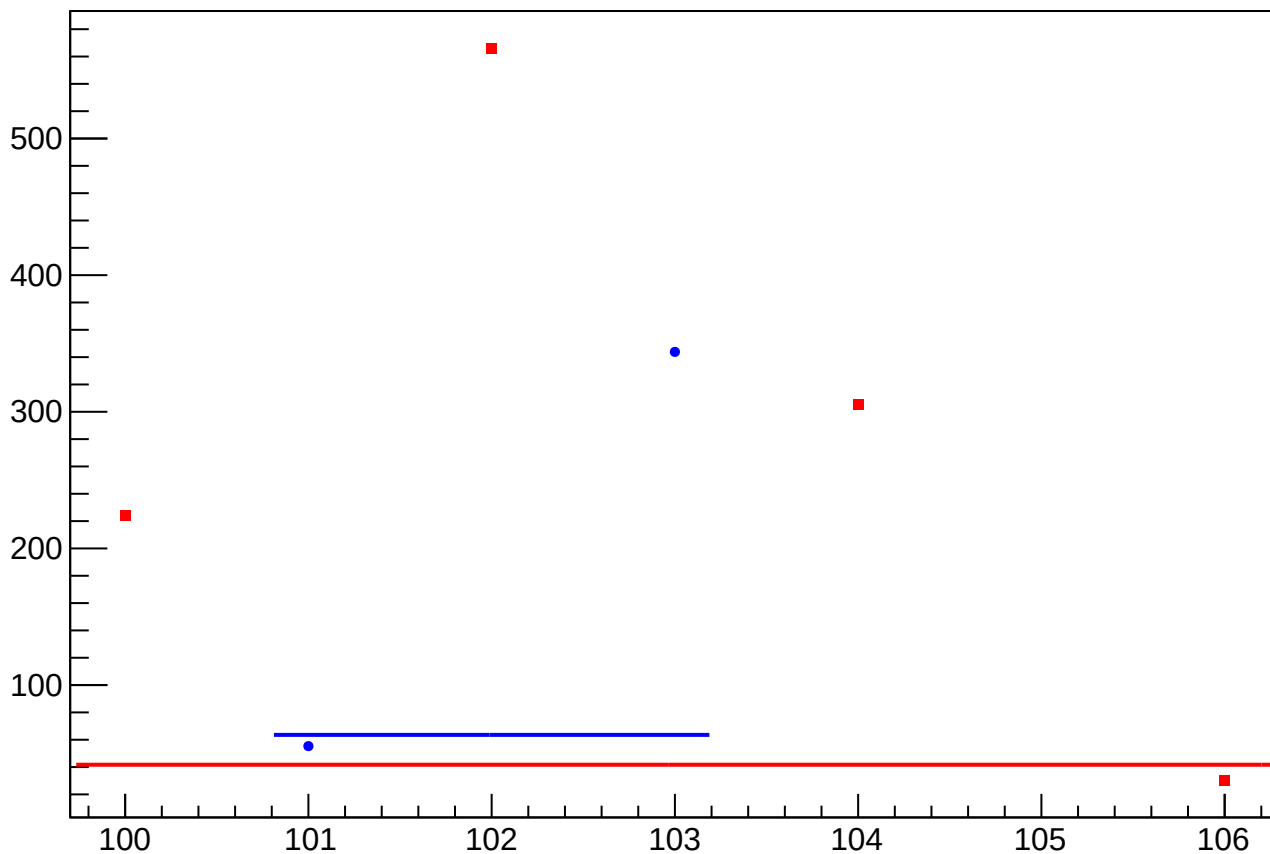
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.710+/-0.048 χ^2/NDF : 1738794.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

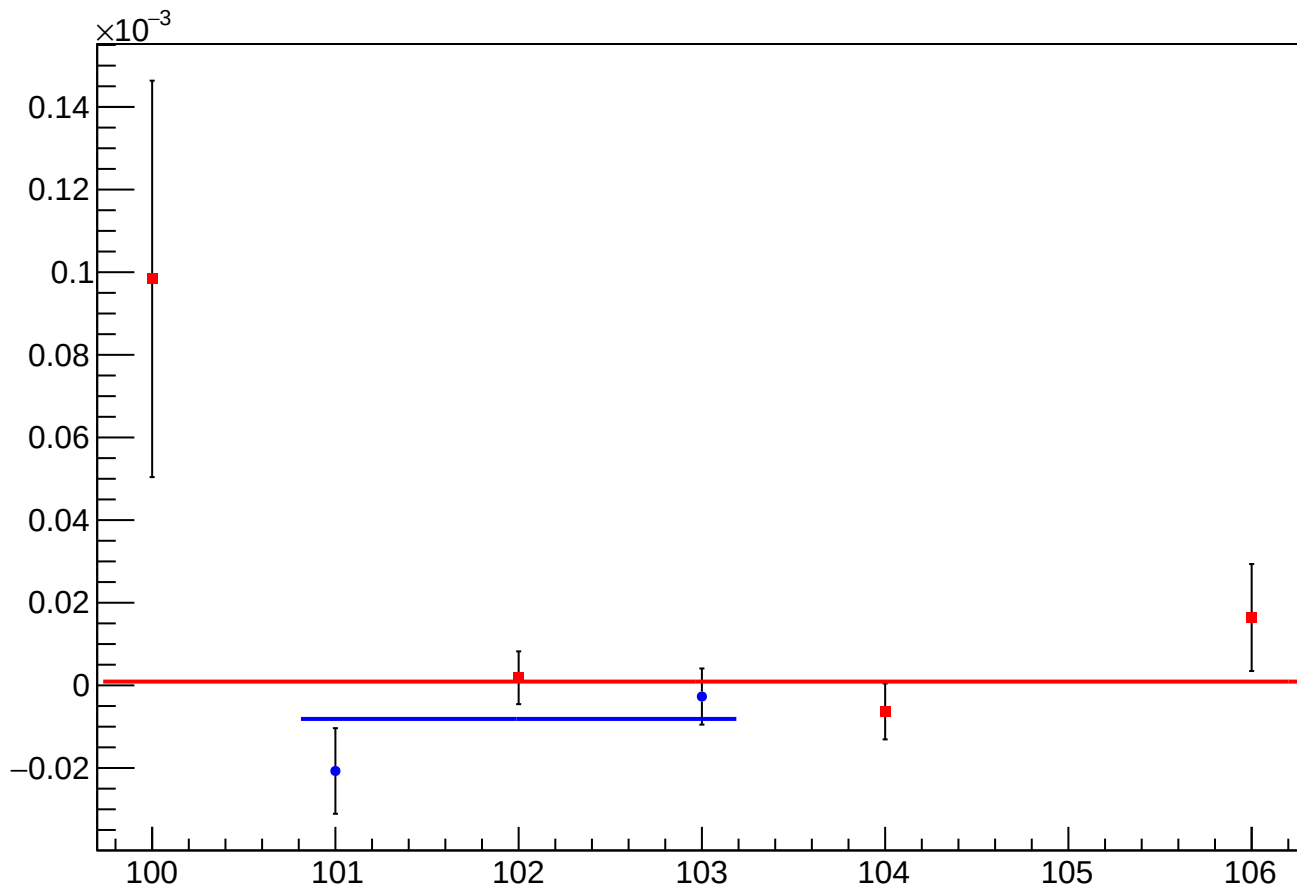
Right: 51.515+/-0.036 χ^2/NDF : 2629992.8/5

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.515+/-0.036 χ^2/NDF : 2629992.8/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

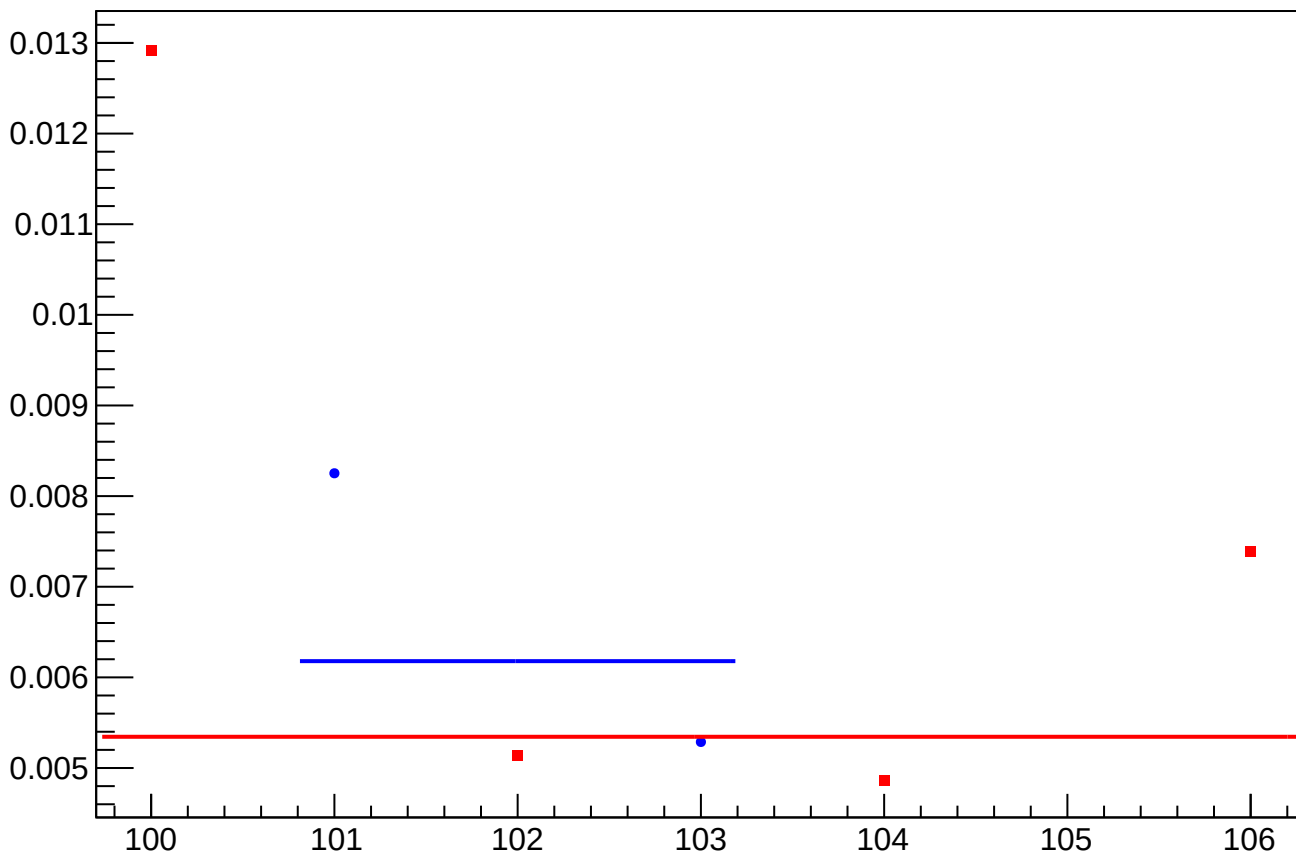
Right: -0.000+/-0.000 χ^2/NDF : 10.4/5

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 111481.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

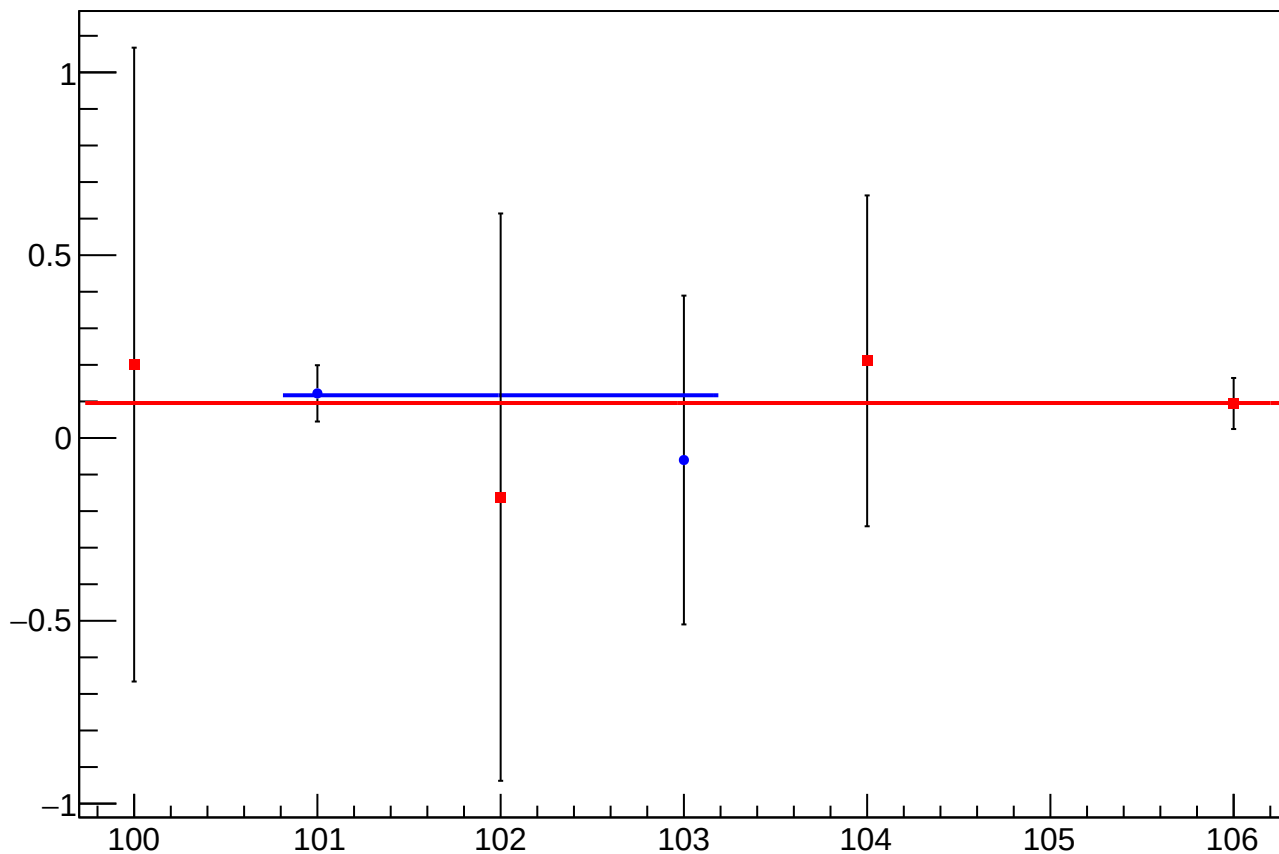
Right: 0.006+/-0.000 χ^2/NDF : 253026.7/5

In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 253026.7/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117+/-0.076 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.069 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

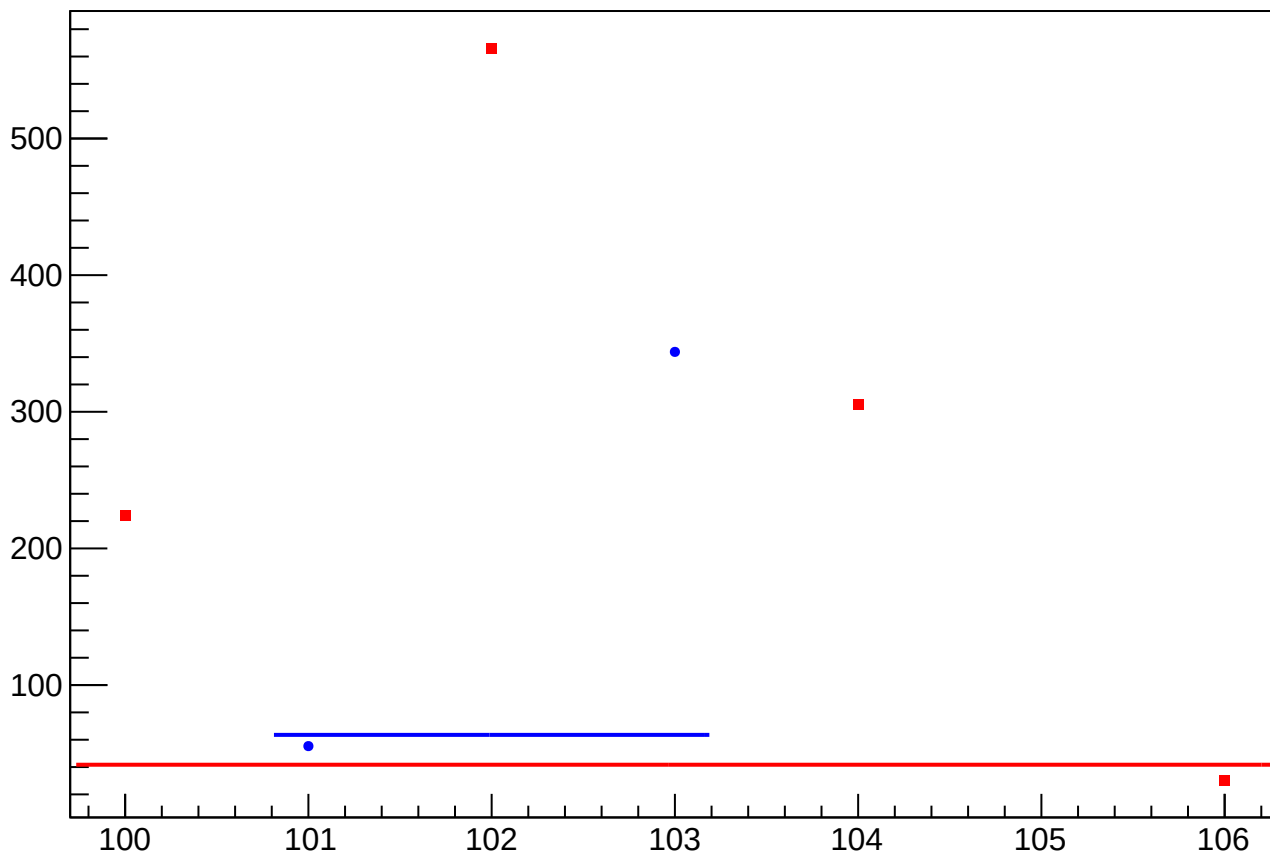
Right: 0.105+/-0.051 χ^2/NDF : 0.4/5

In: 0.117+/-0.076 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.105+/-0.051 χ^2/NDF : 0.4/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.703+/-0.048 χ^2/NDF : 1738842.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

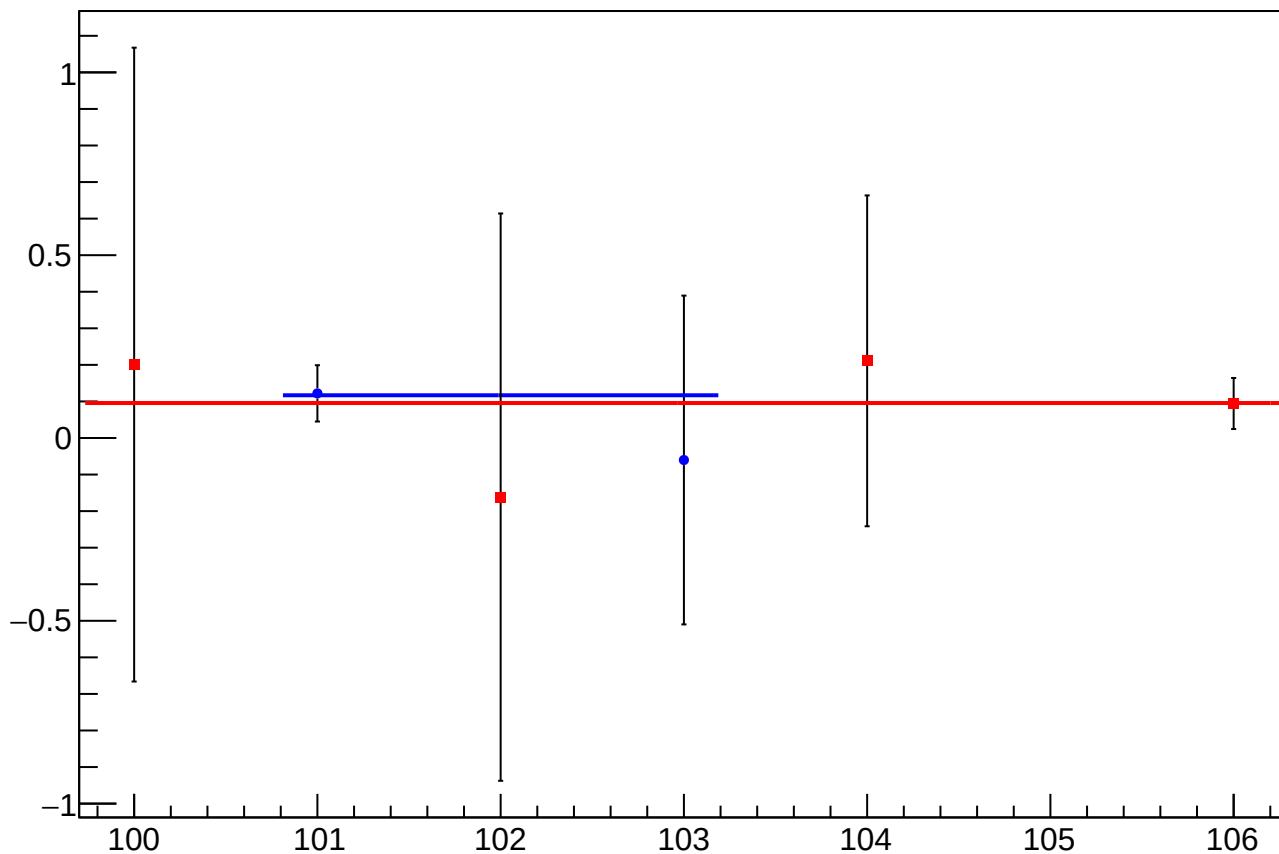
Right: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

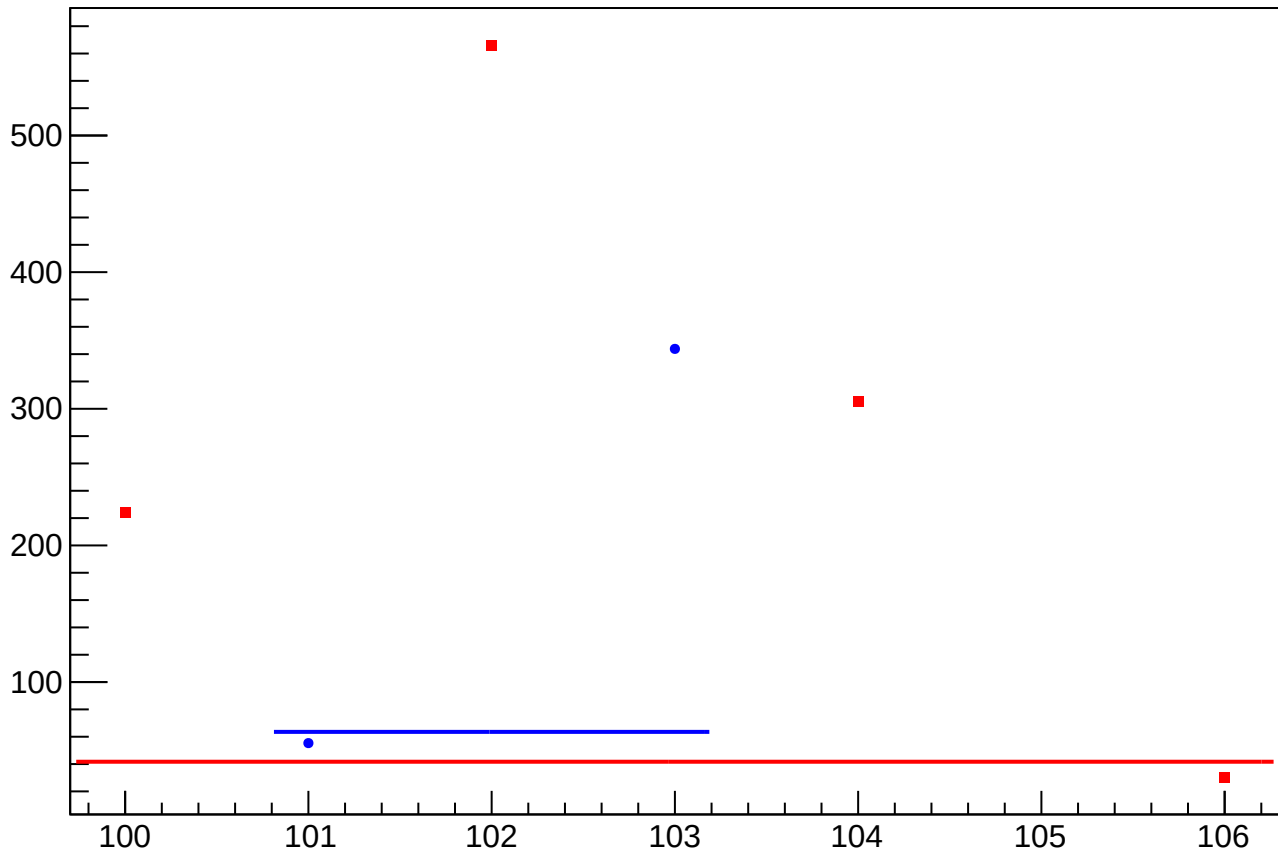
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.703+/-0.048 χ^2/NDF : 1738842.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

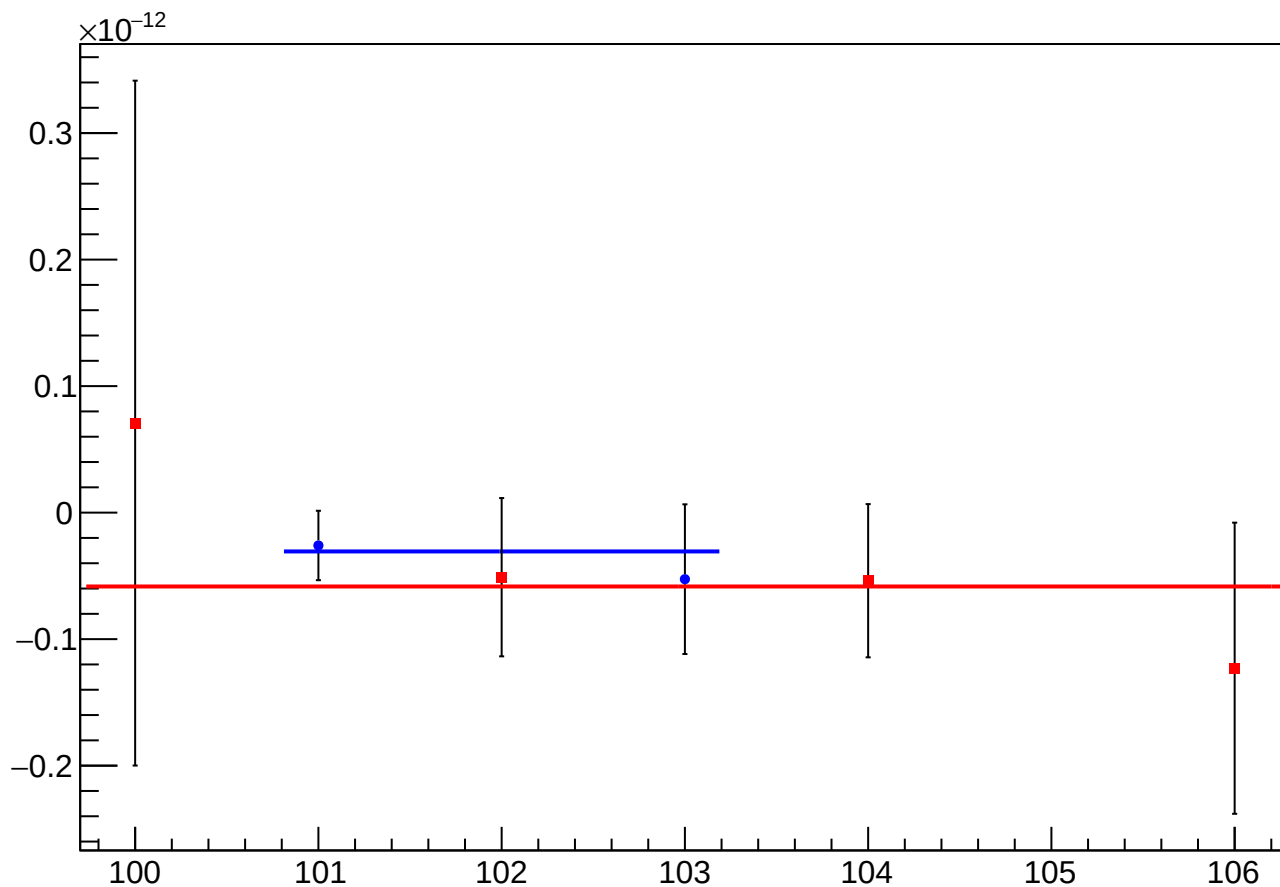
Right: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

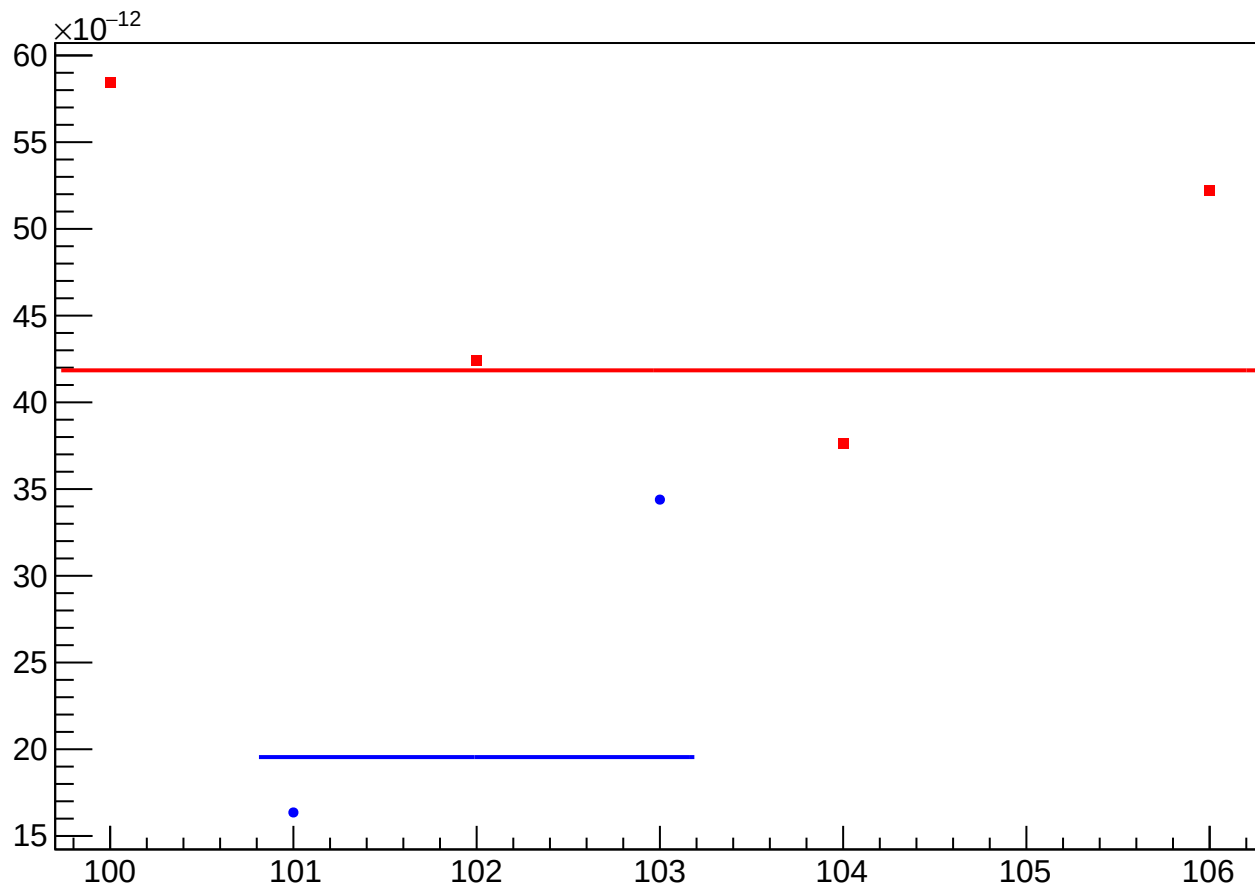
Right: -0.000+/-0.000 χ^2/NDF : 1.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.1/5

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 152969.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 33605.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

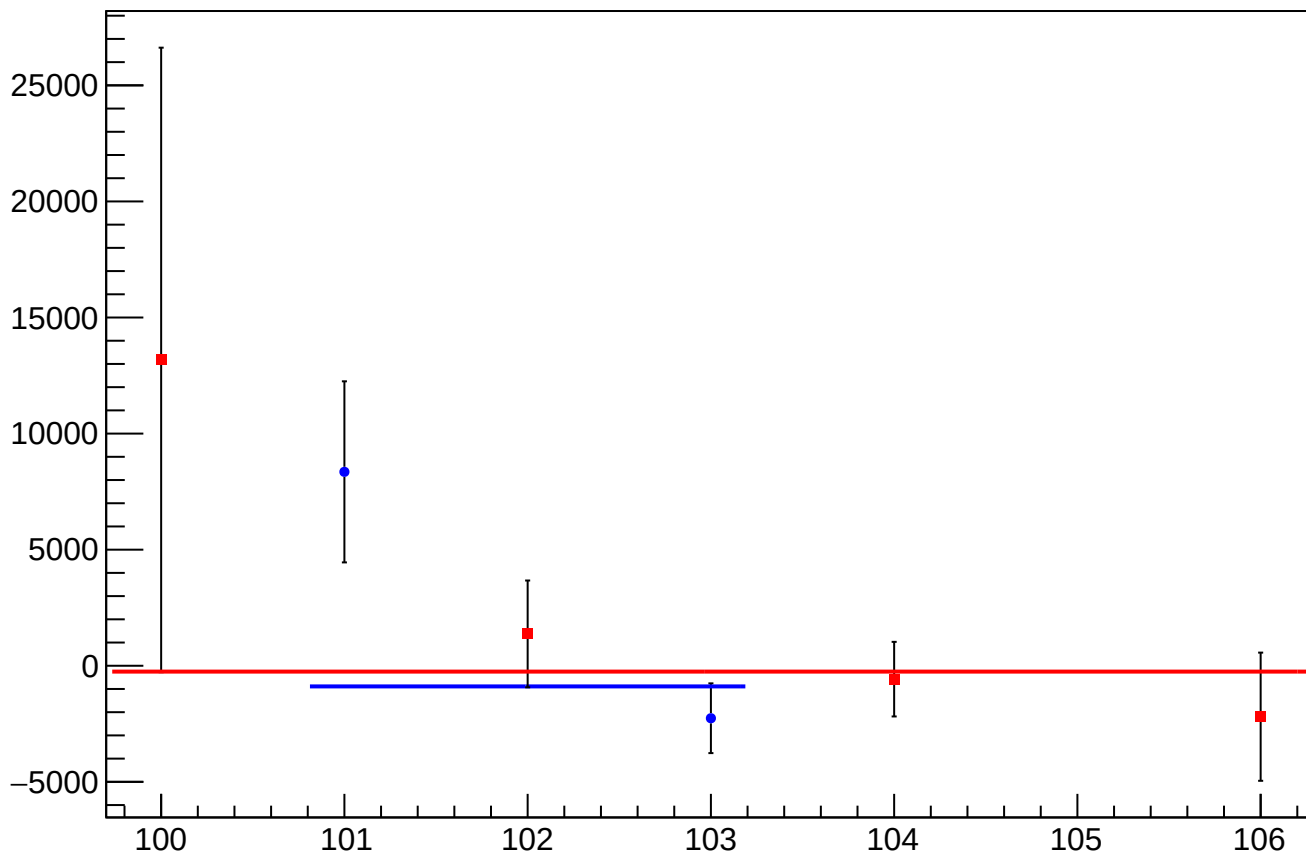
Right: 0.000+/-0.000 χ^2/NDF : 630520.0/5

In: 0.000+/-0.000 χ^2/NDF : 152969.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 630520.0/5

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.636+/-1184.131 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

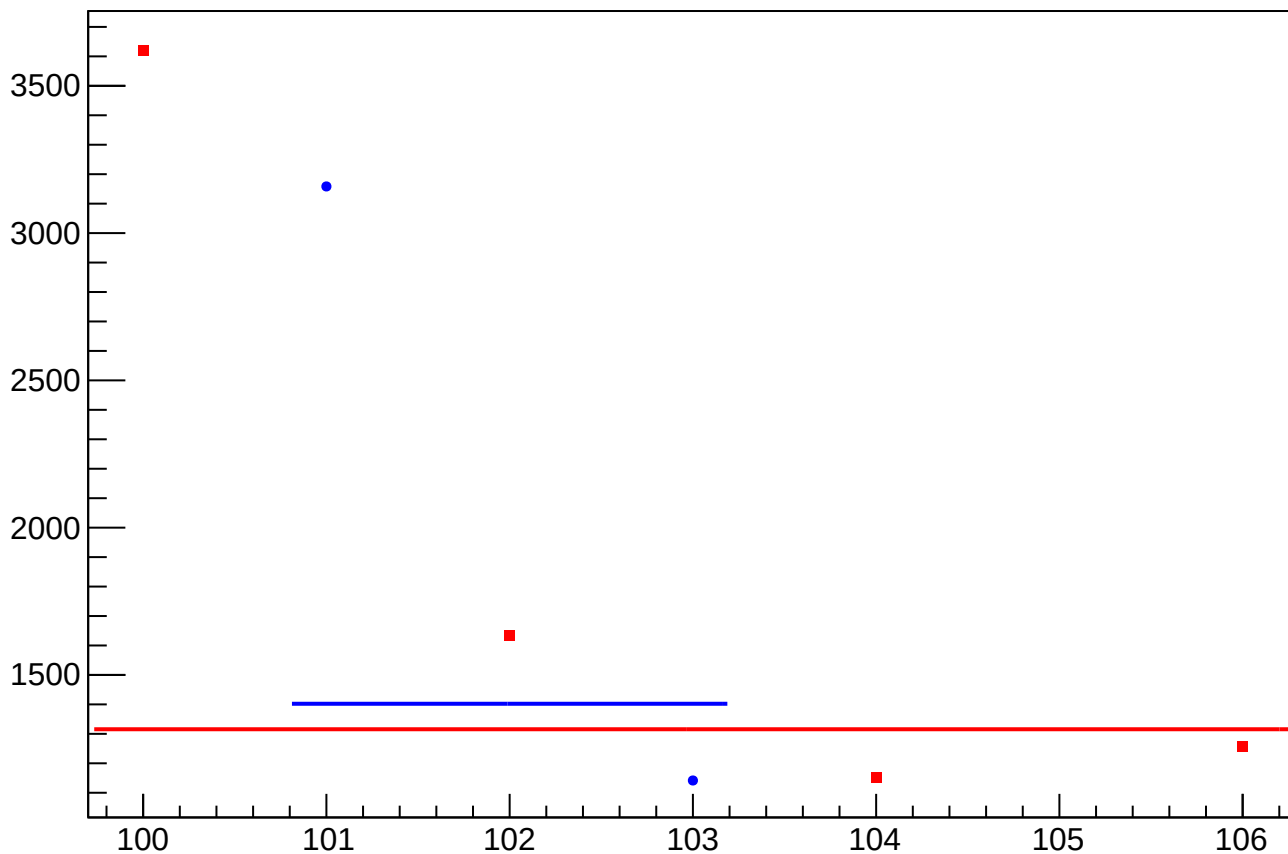
Right: -517.387+/-904.543 χ^2/NDF : 8.6/5

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.387+/-904.543 χ^2/NDF : 8.6/5

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.599+/-0.825 χ^2/NDF : 119131.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

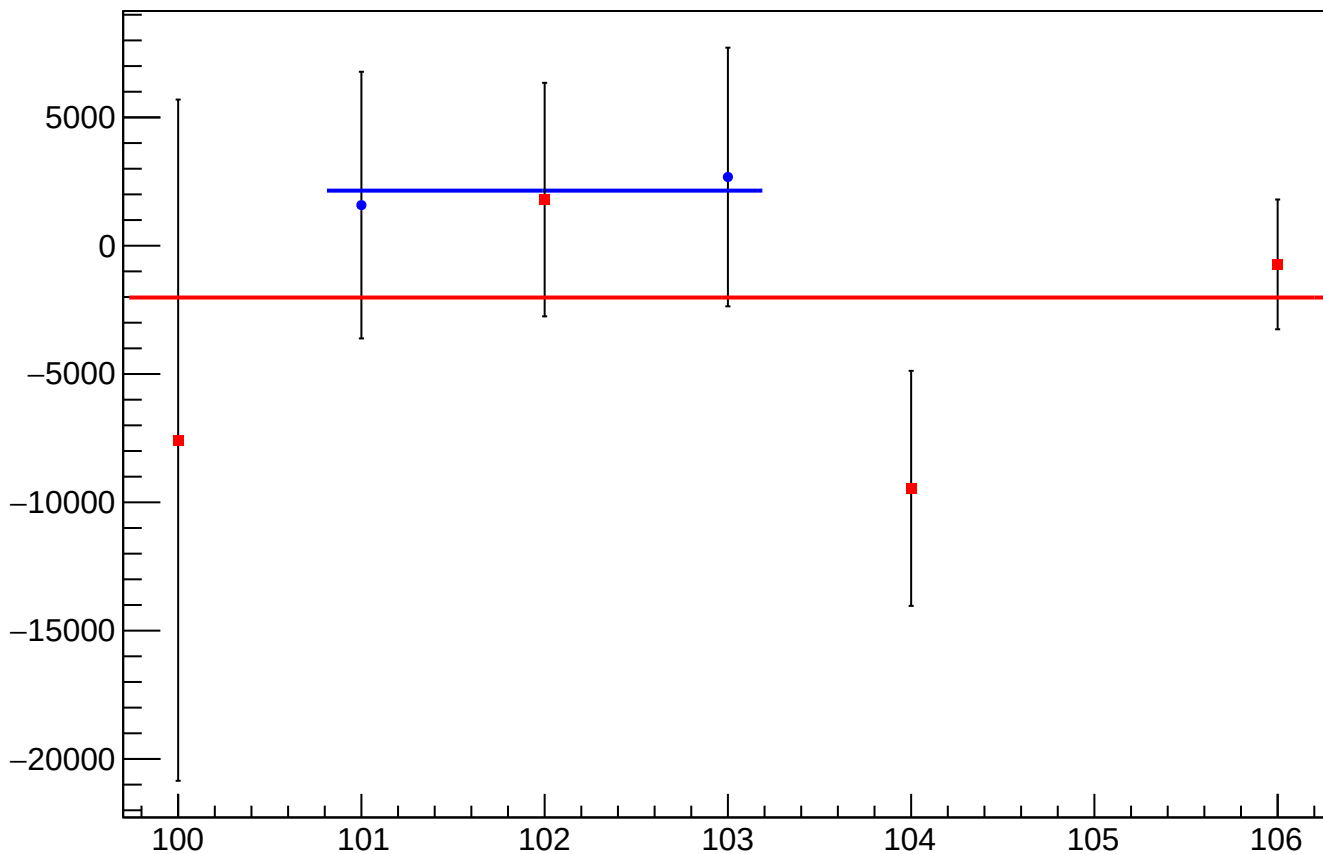
Right: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2018.803+/-1968.636 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

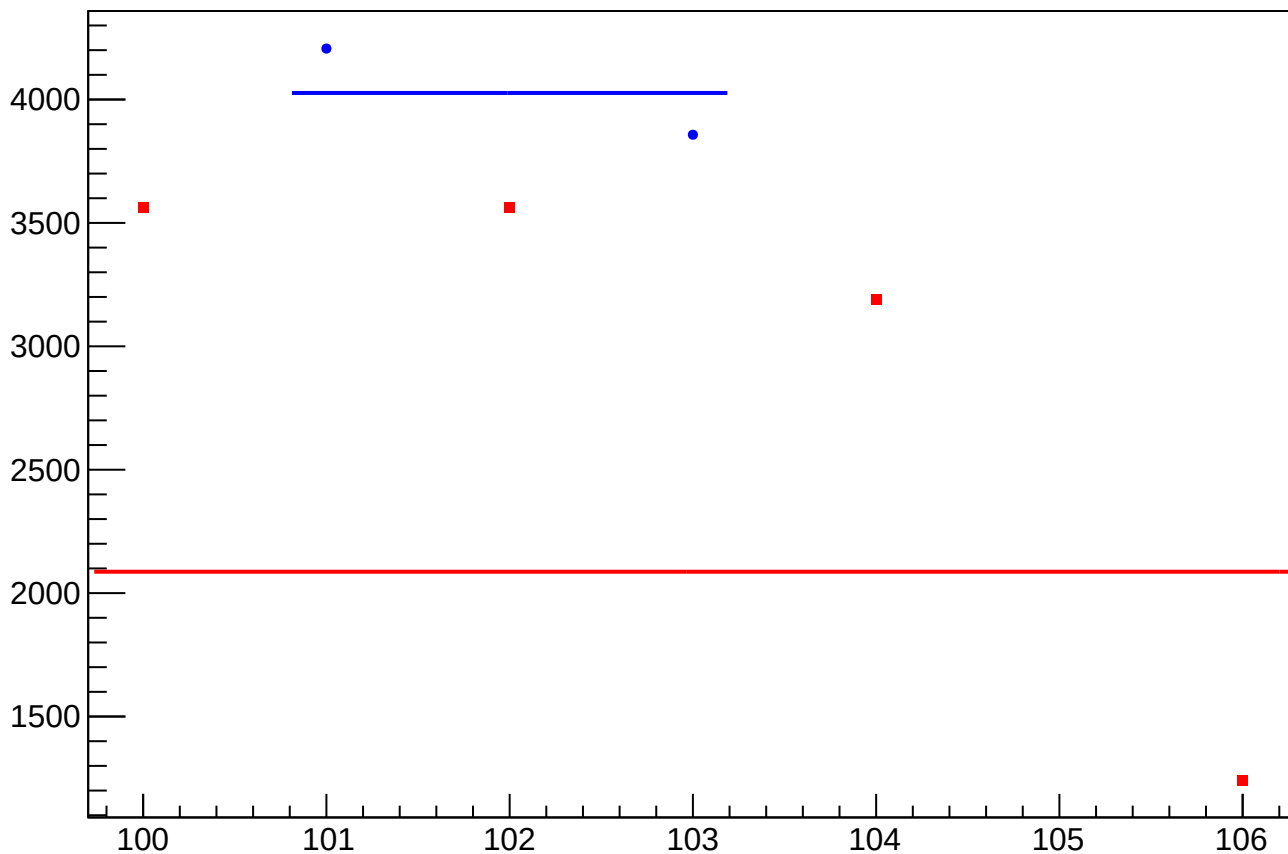
Right: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2086.688+/-1.392 χ^2/NDF : 574326.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

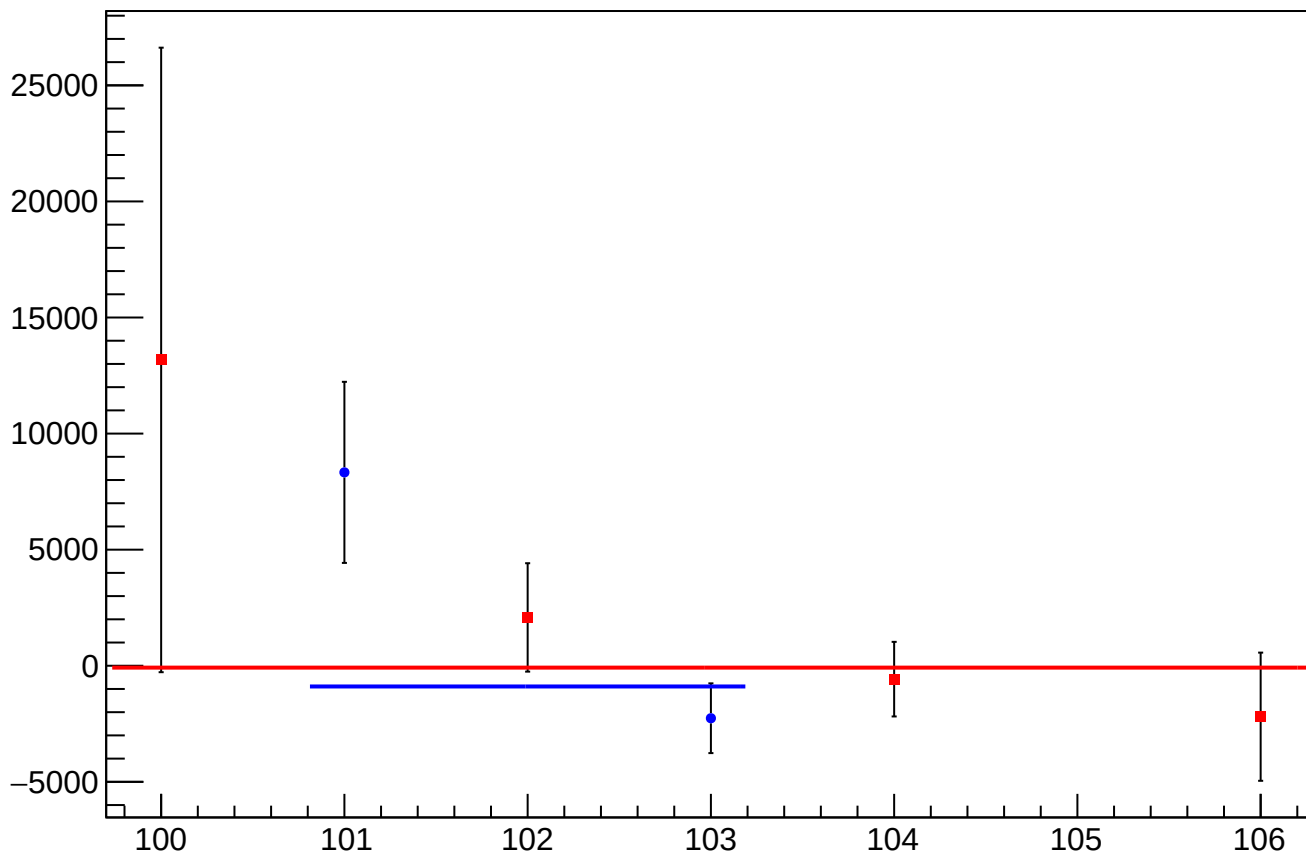
Right: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

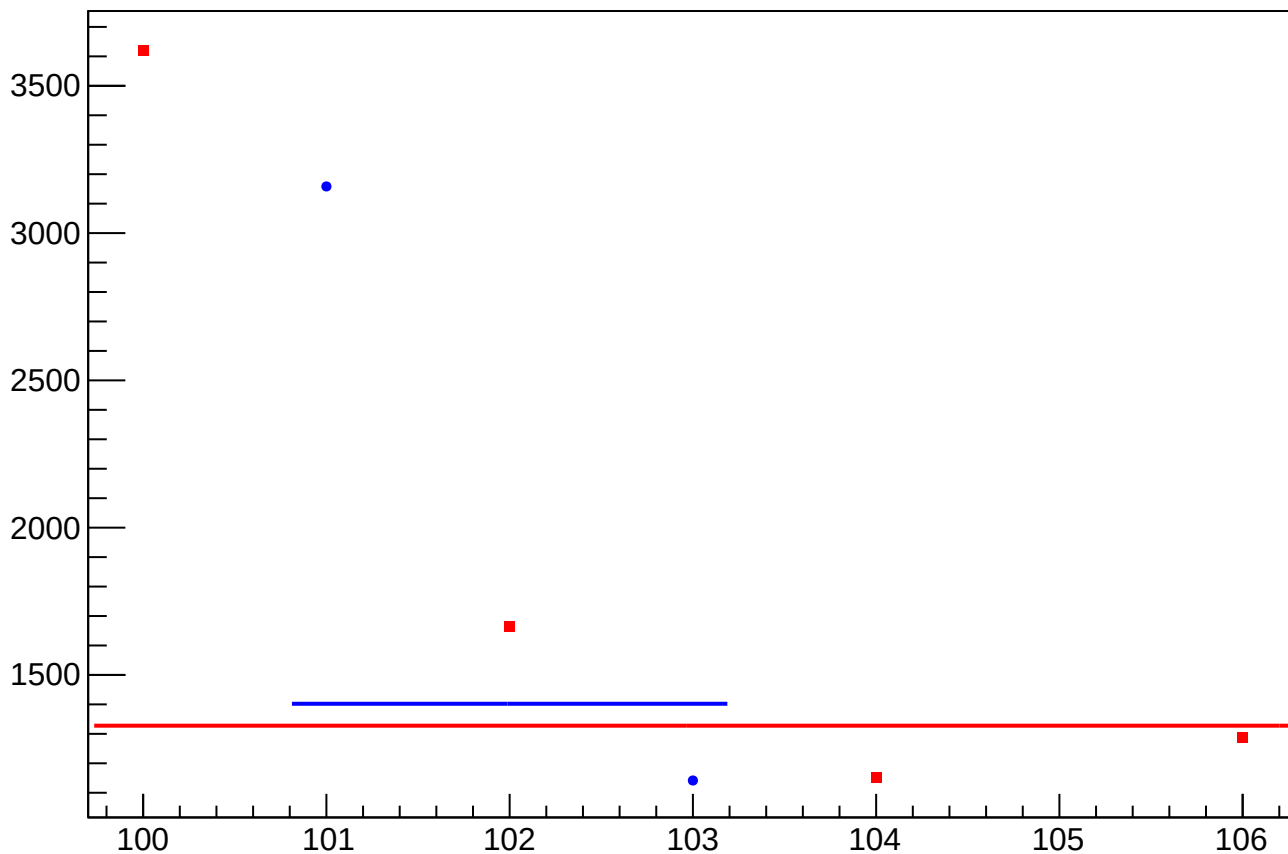
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.700+/-0.831 χ^2/NDF : 124900.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

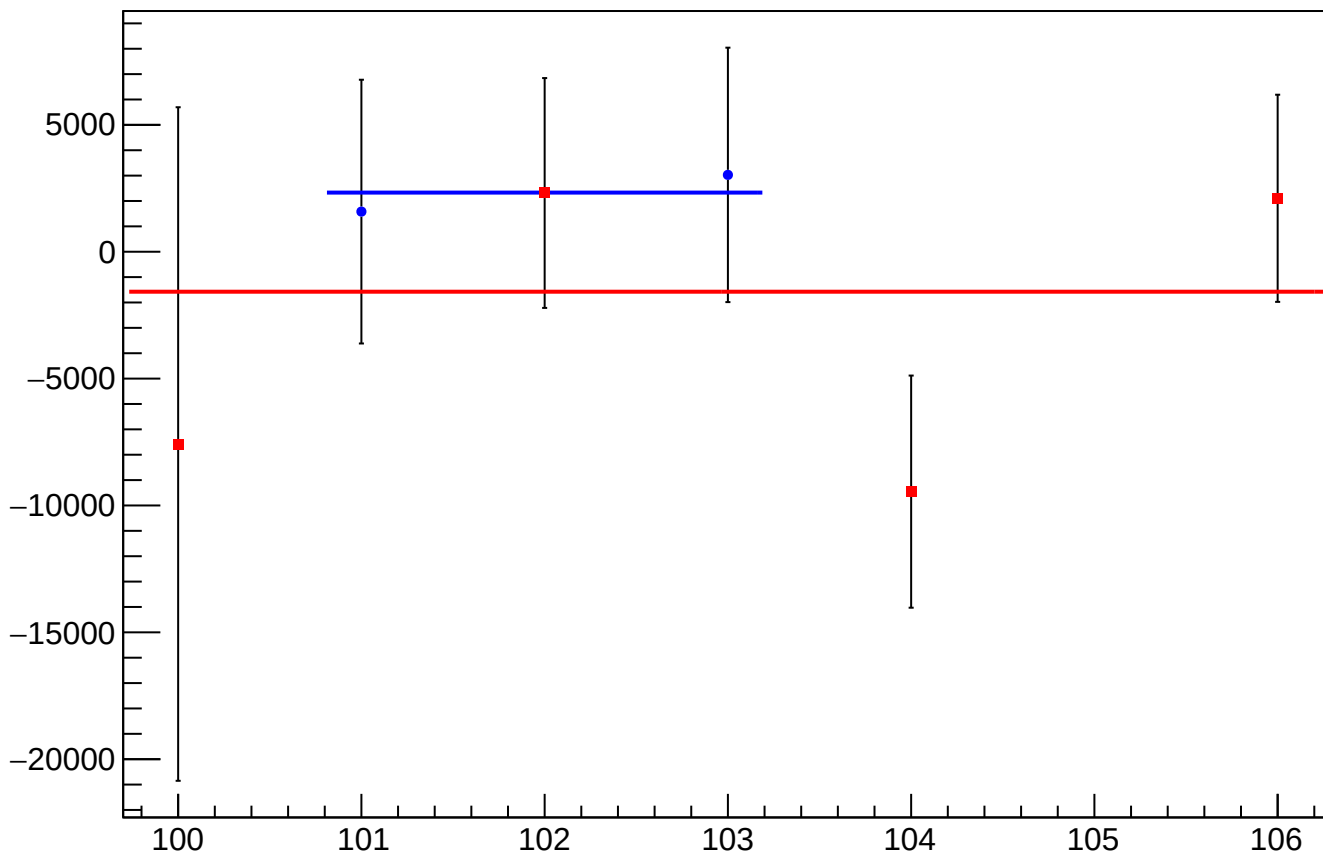
Right: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

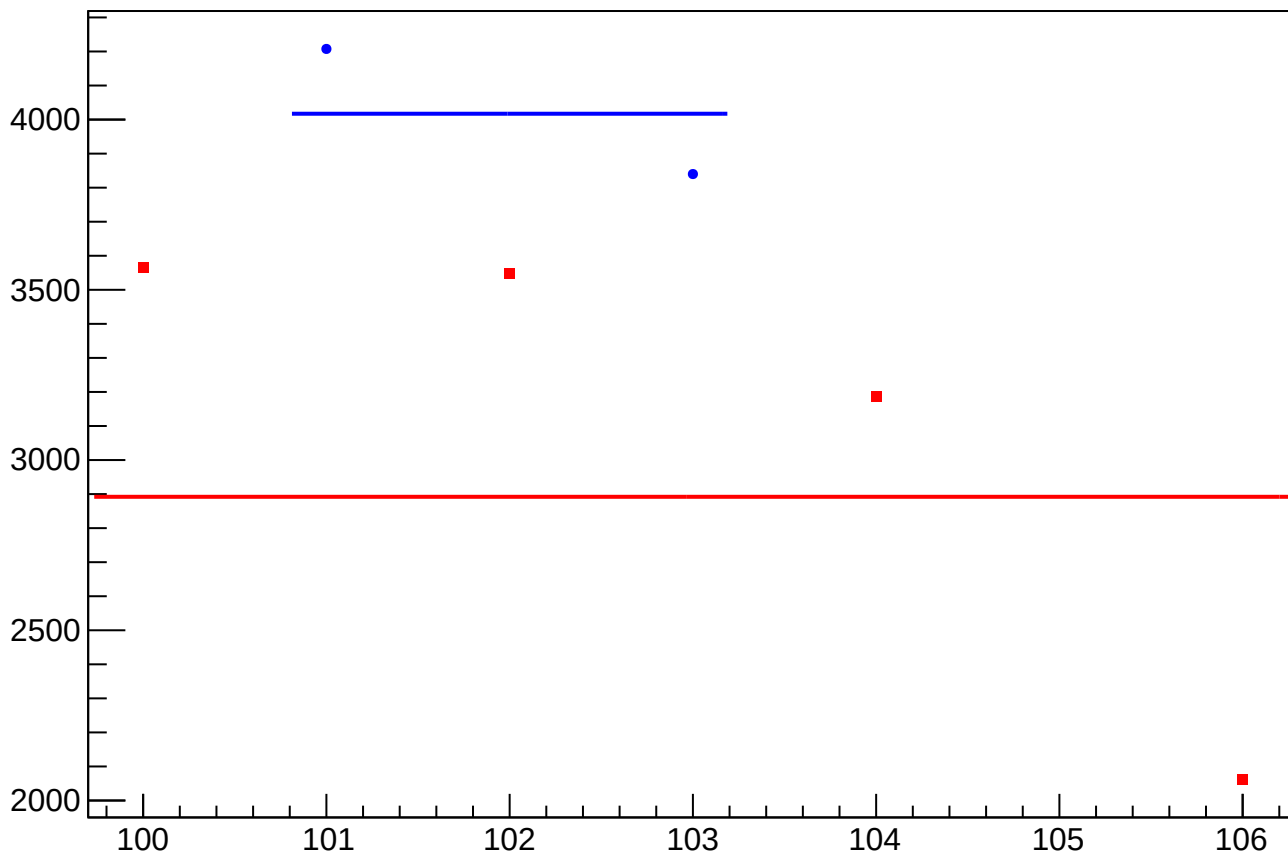
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.050+/-1.756 χ^2/NDF : 138425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

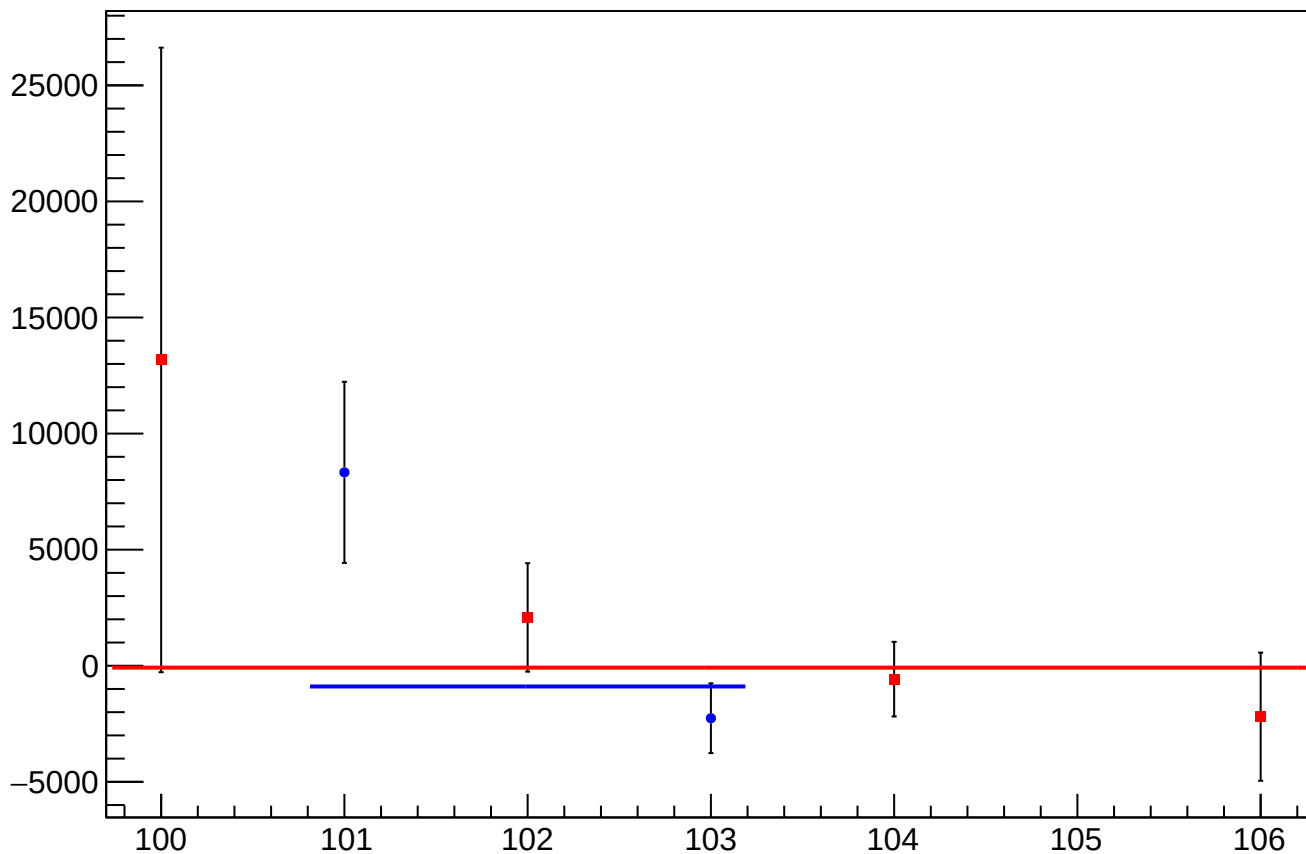
Right: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

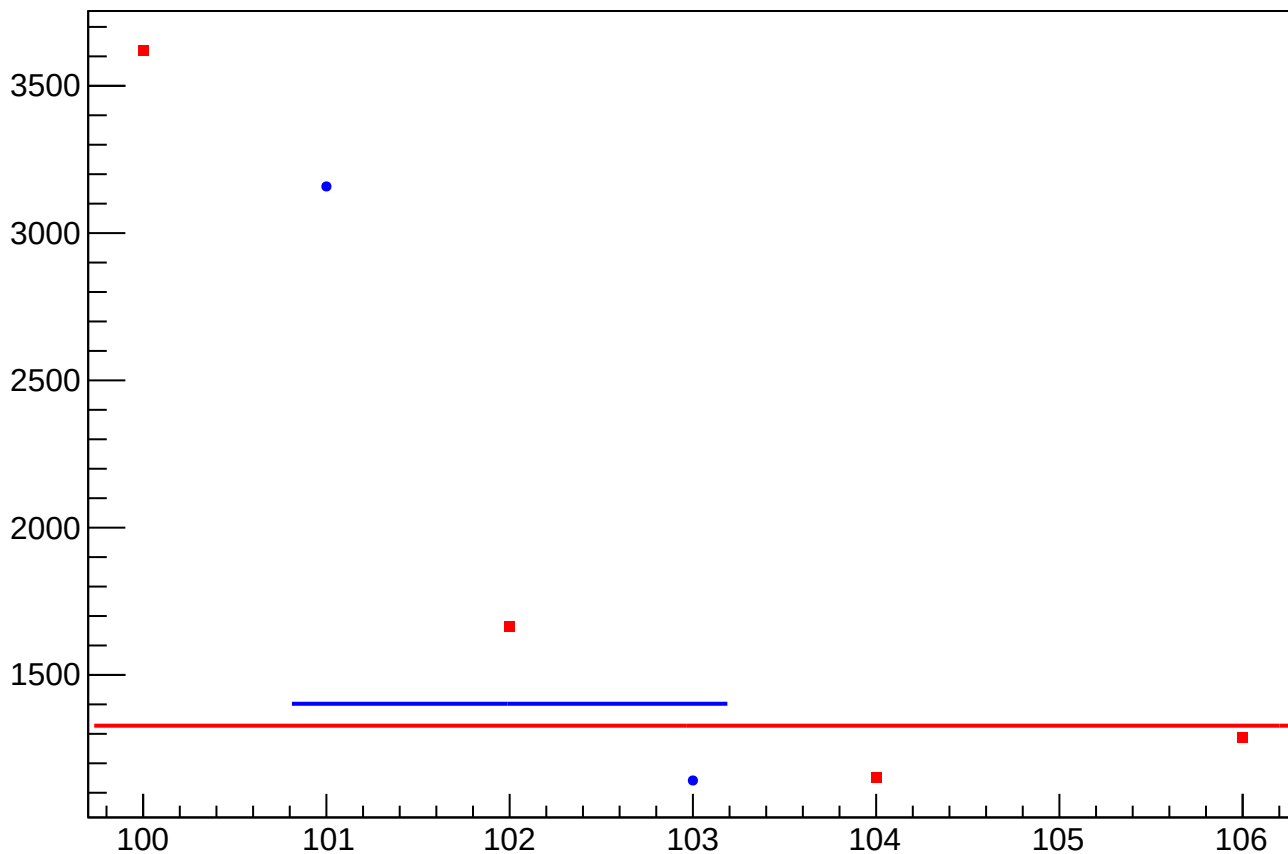
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.700+/-0.831 χ^2/NDF : 124900.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

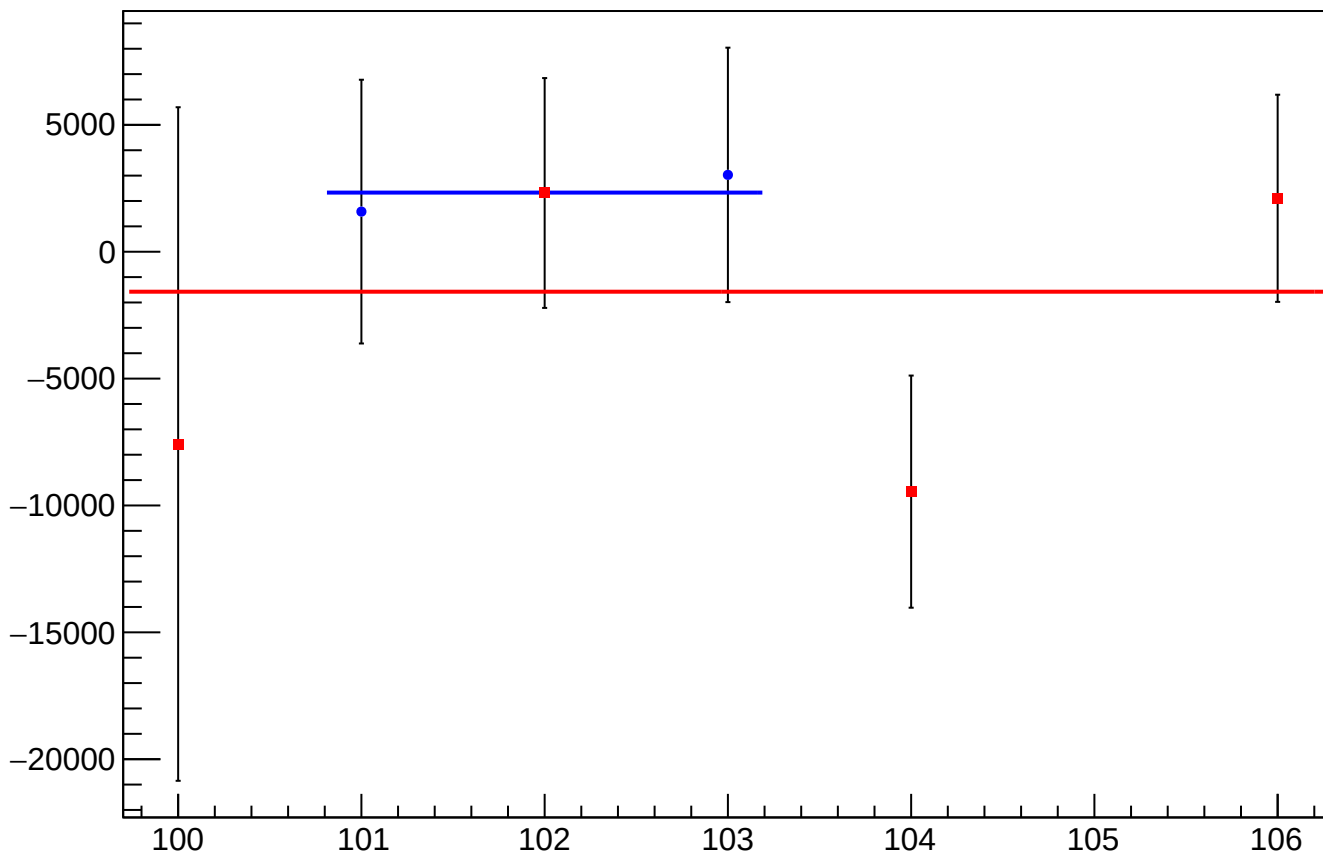
Right: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

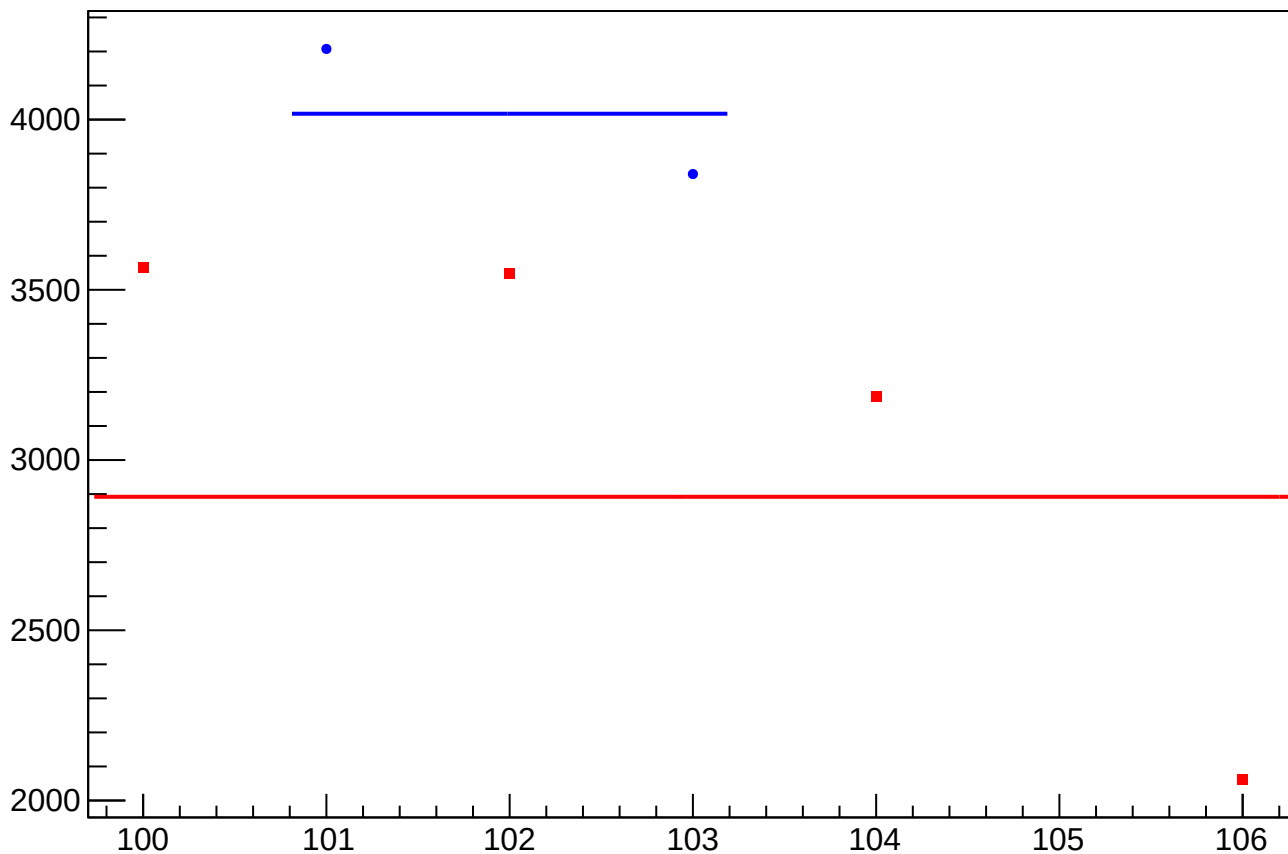
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164 $\pm$ 2.552 χ^2 /NDF: 5180.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2892.050 $\pm$ 1.756 χ^2 /NDF: 138425.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

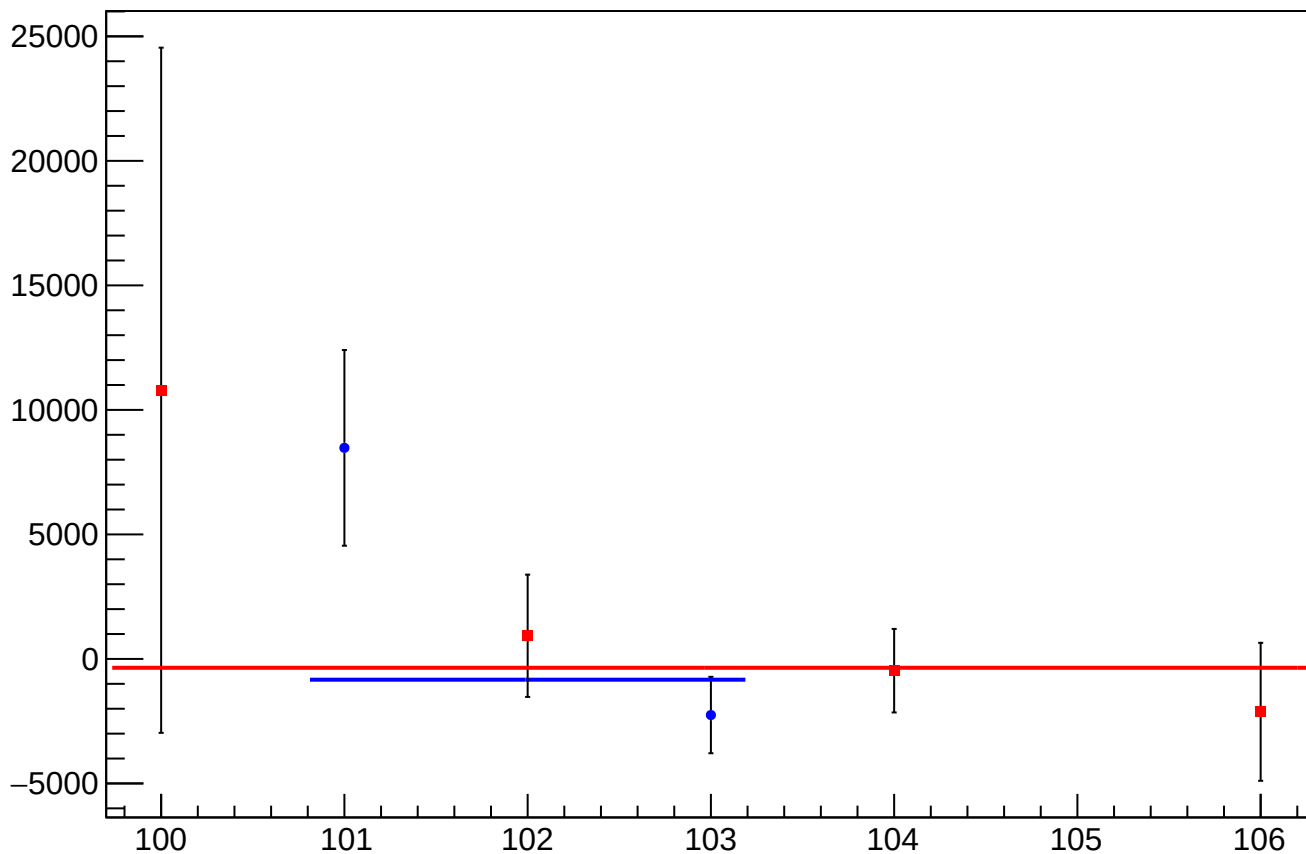
Right: 3253.563 $\pm$ 1.446 χ^2 /NDF: 275570.5/5

In: 4017.164 $\pm$ 2.552 χ^2 /NDF:5180.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3253.563 $\pm$ 1.446 χ^2 /NDF: 275570.5/5

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.106+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

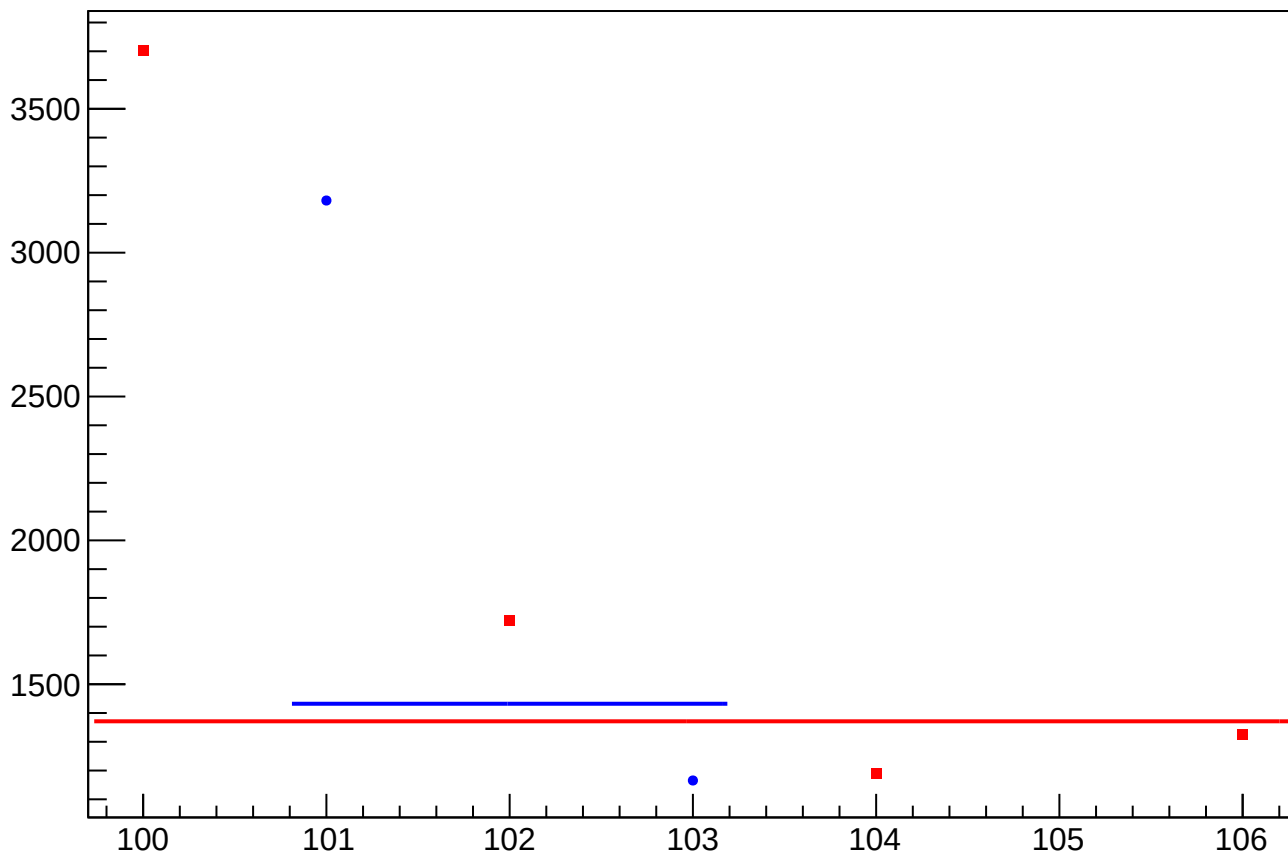
Right: -559.519+/-933.974 χ^2/NDF : 7.9/5

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.519+/-933.974 χ^2/NDF : 7.9/5

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.132+/-0.868 χ^2/NDF : 121981.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

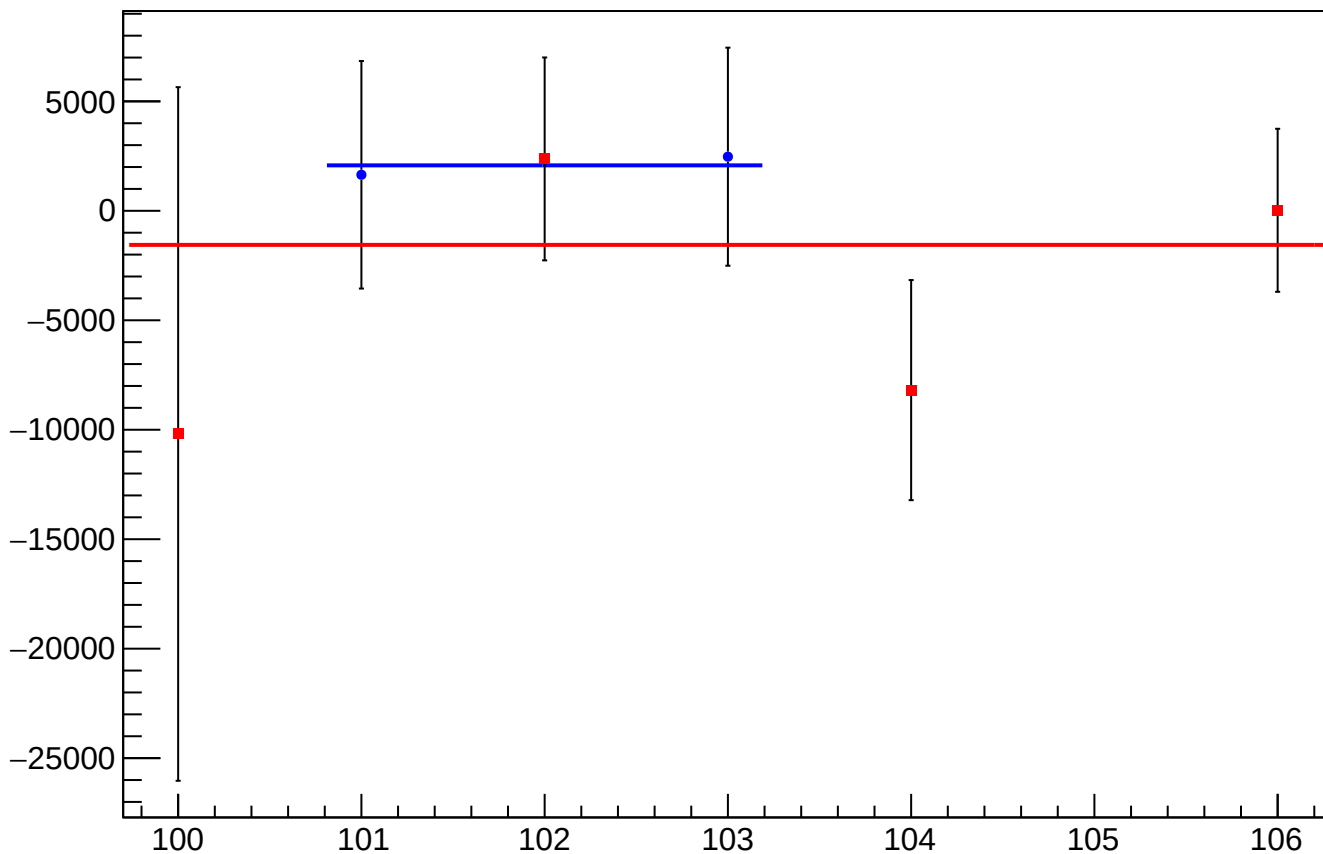
Right: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.399+/-2482.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

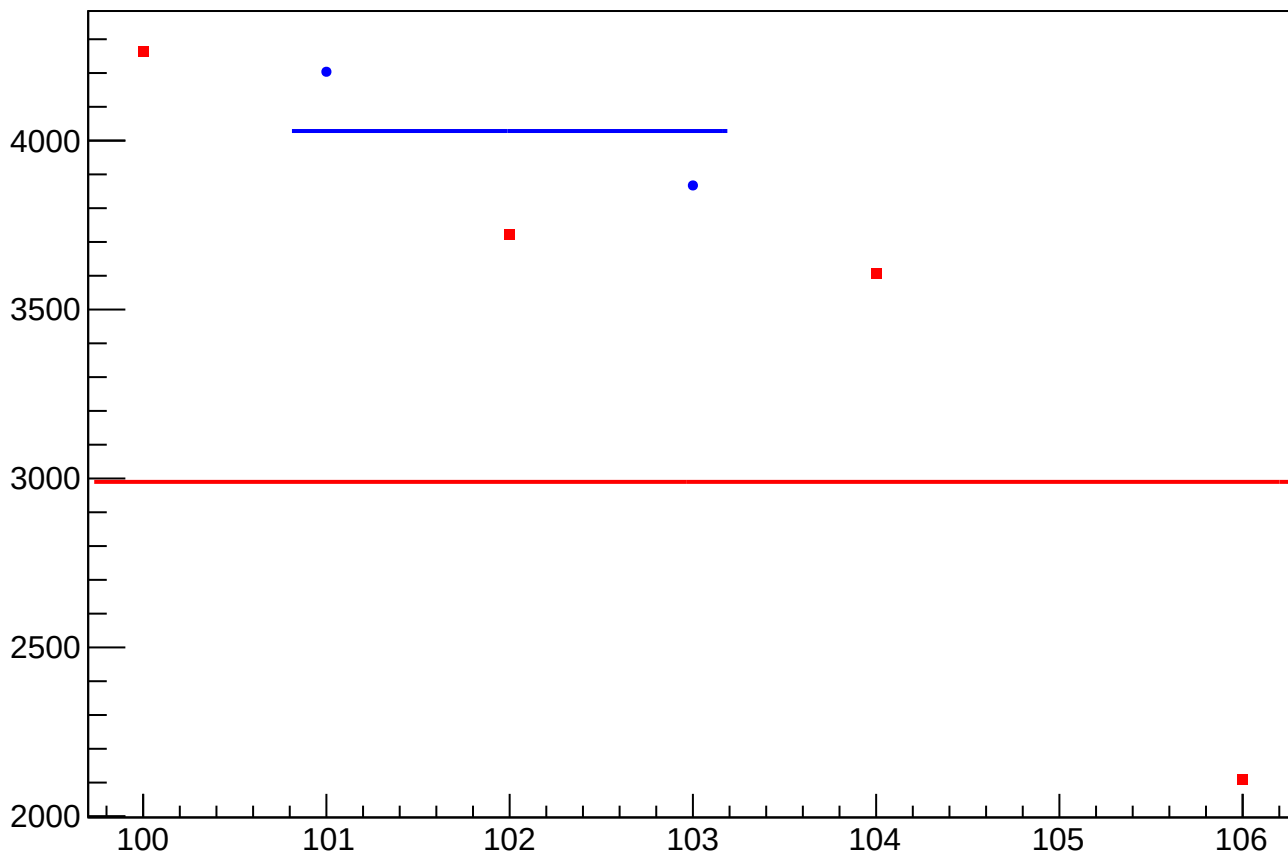
Right: -383.654+/-2042.812 χ^2/NDF : 3.6/5

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.654+/-2042.812 χ^2/NDF : 3.6/5

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2989.981+/-1.755 χ^2/NDF : 205375.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

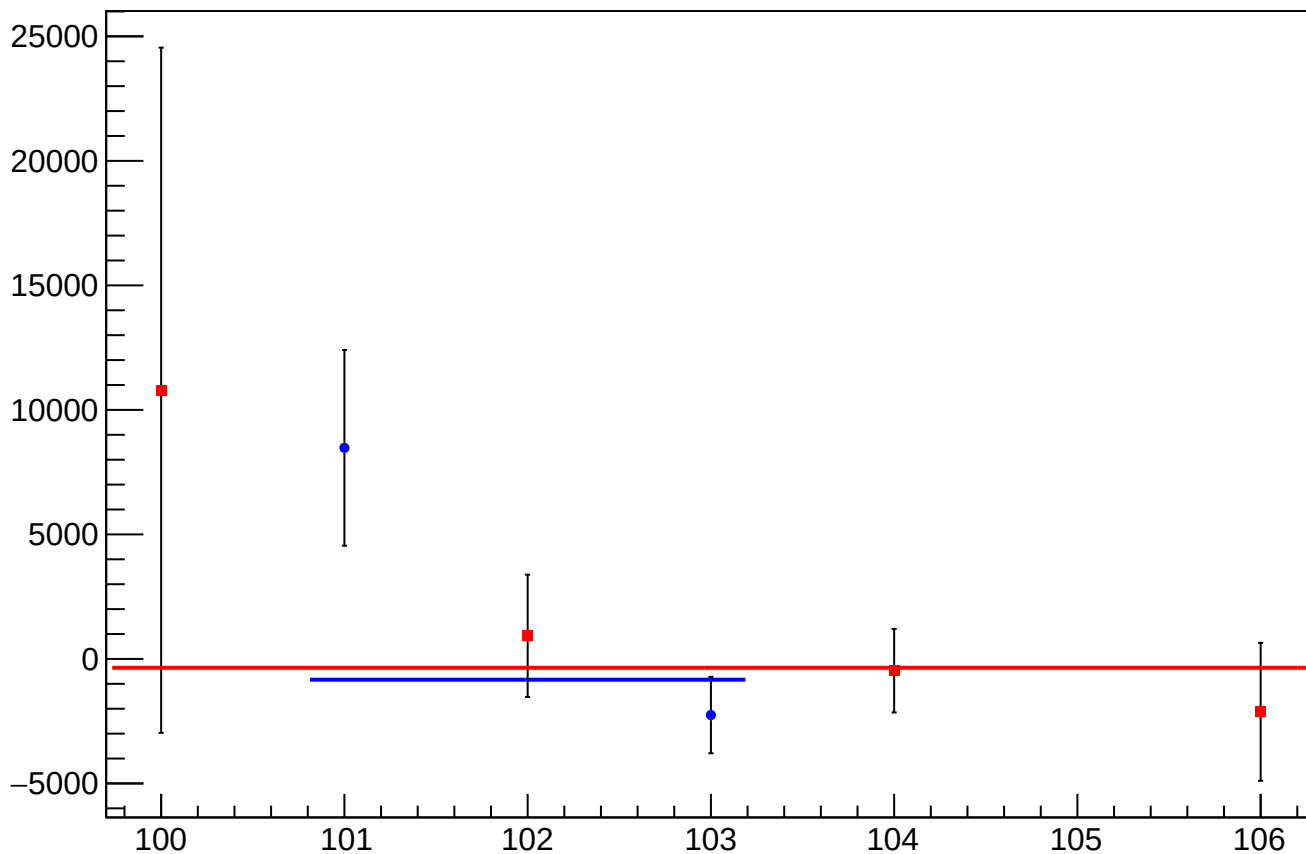
Right: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.116+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

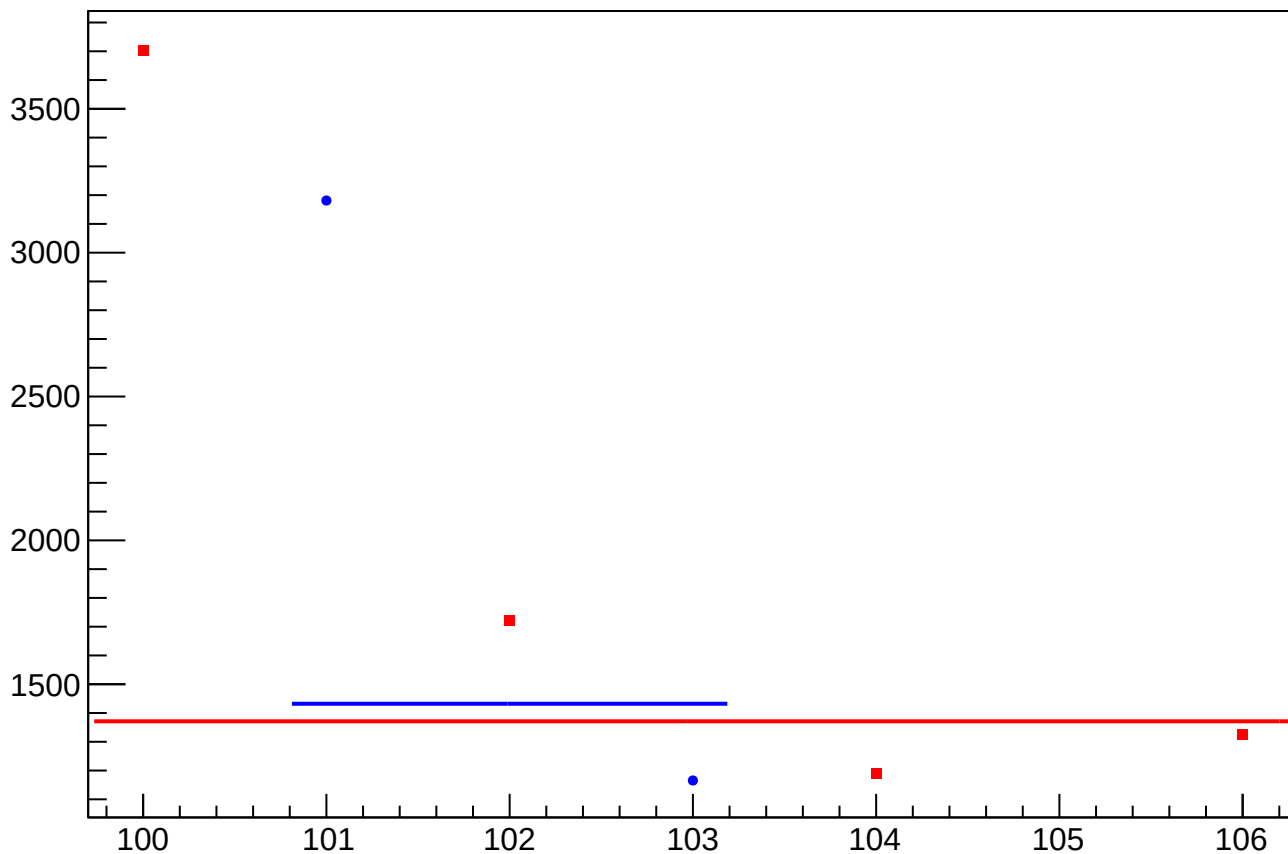
Right: -559.525+/-933.974 χ^2/NDF : 7.9/5

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.525+/-933.974 χ^2/NDF : 7.9/5

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.131+/-0.868 χ^2/NDF : 121981.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

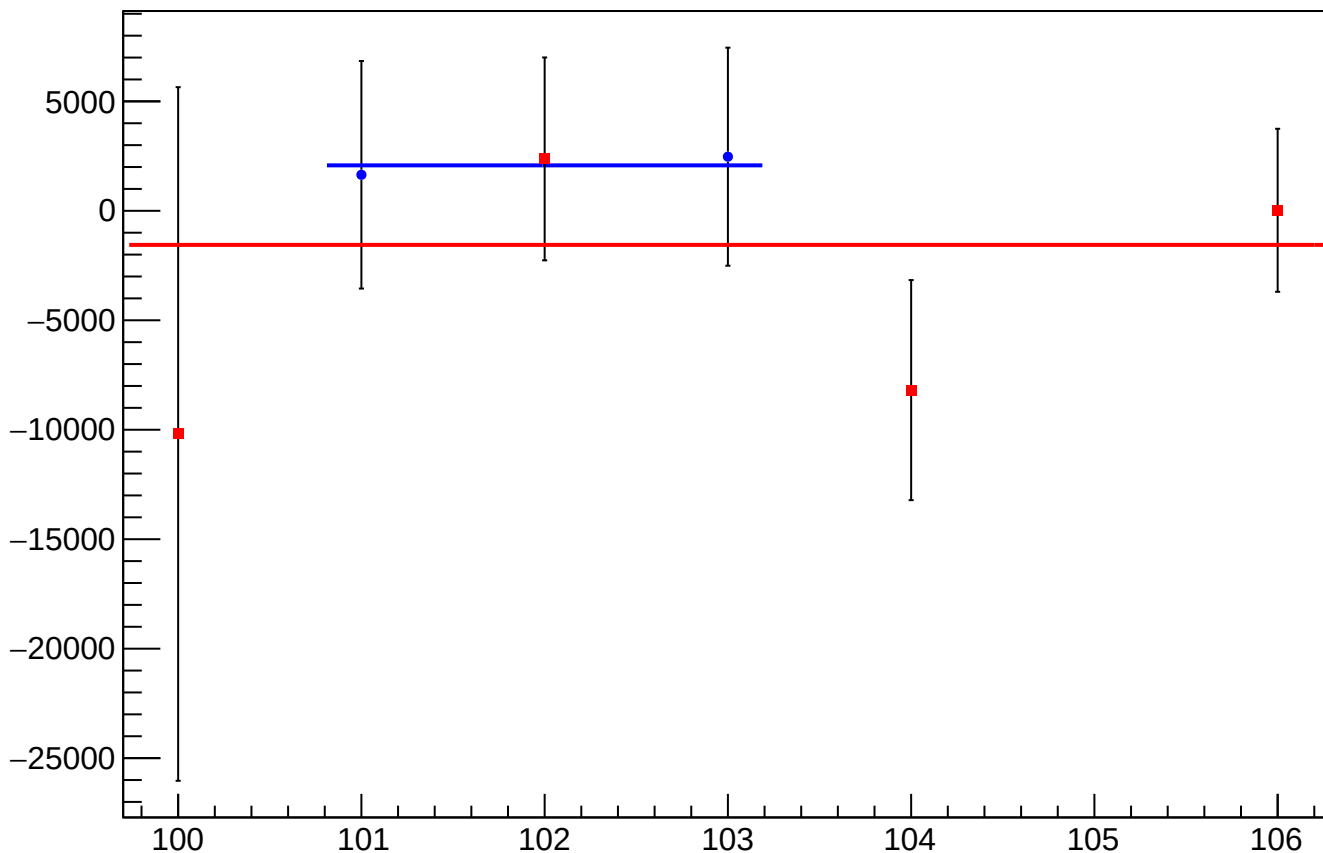
Right: 1397.045+/-0.659 χ^2/NDF : 580863.1/5

In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.045+/-0.659 χ^2/NDF : 580863.1/5

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.408+/-2482.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

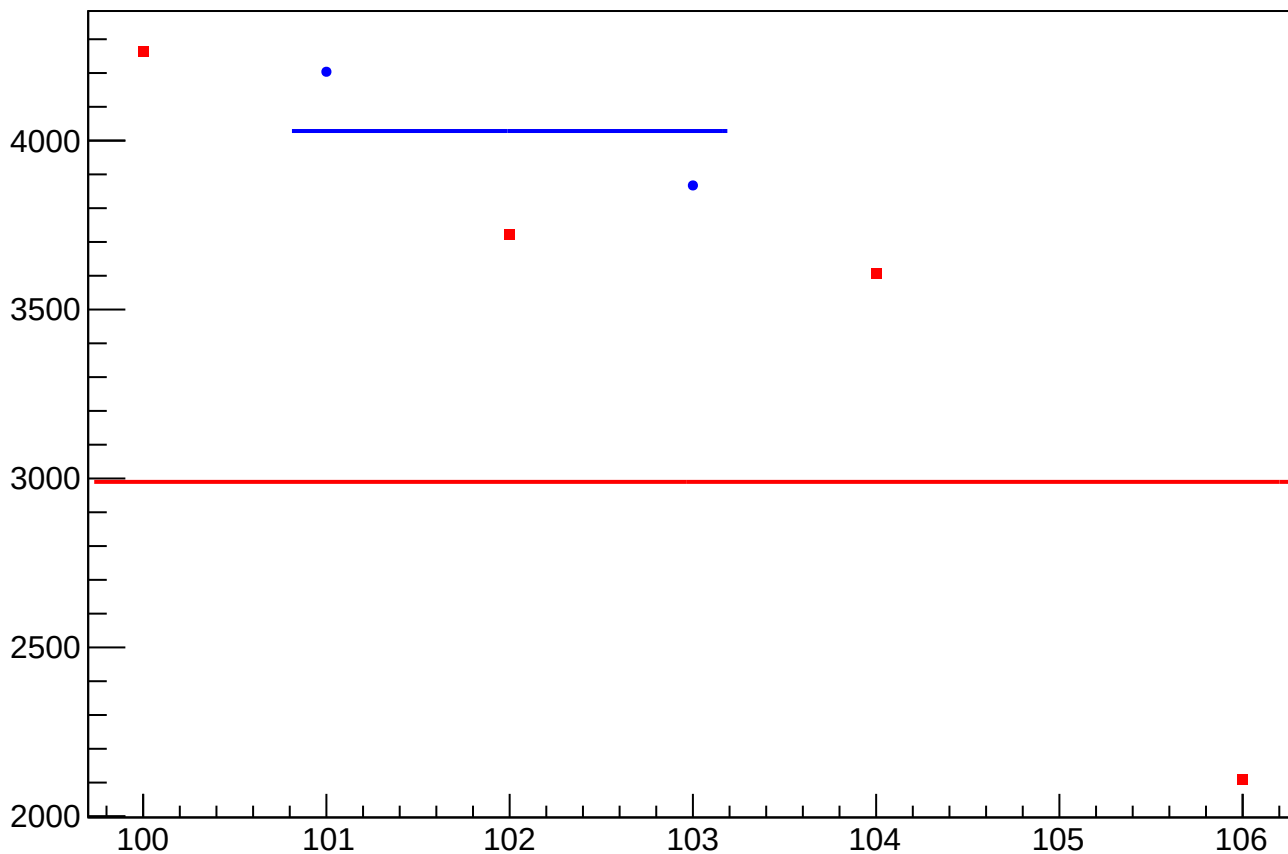
Right: -383.659+/-2042.812 χ^2/NDF : 3.6/5

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.659+/-2042.812 χ^2/NDF : 3.6/5

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383 $\pm$ 2.542 χ^2 /NDF: 4370.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2989.980 $\pm$ 1.755 χ^2 /NDF: 205377.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

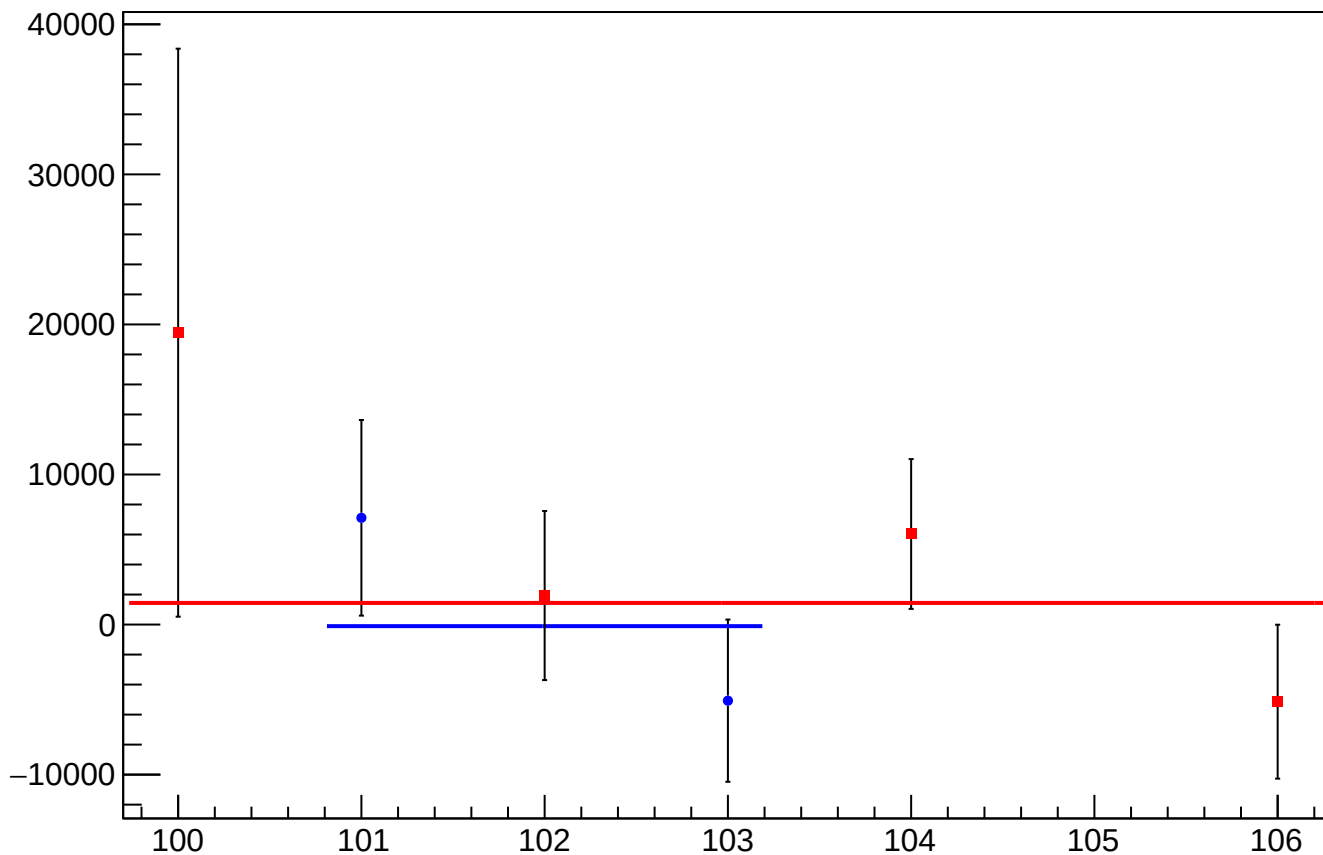
Right: 3325.205 $\pm$ 1.444 χ^2 /NDF: 322721.3/5

In: 4028.383 $\pm$ 2.542 χ^2 /NDF:4370.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3325.205 $\pm$ 1.444 χ^2 /NDF: 322721.3/5

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1441.510+/-2982.130 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

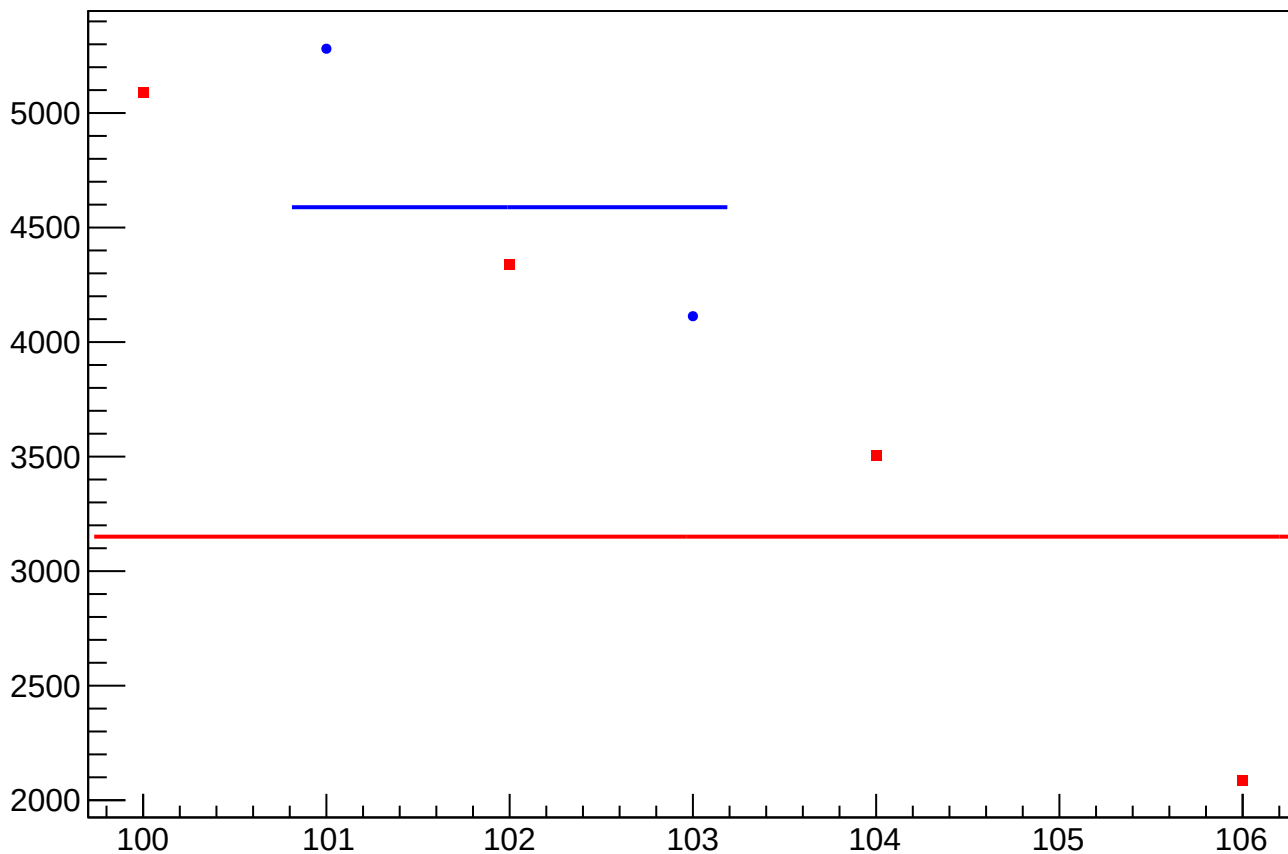
Right: 916.187+/-2423.880 χ^2/NDF : 5.6/5

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.187+/-2423.880 χ^2/NDF : 5.6/5

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3150.600+/-1.976 χ^2/NDF : 240758.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

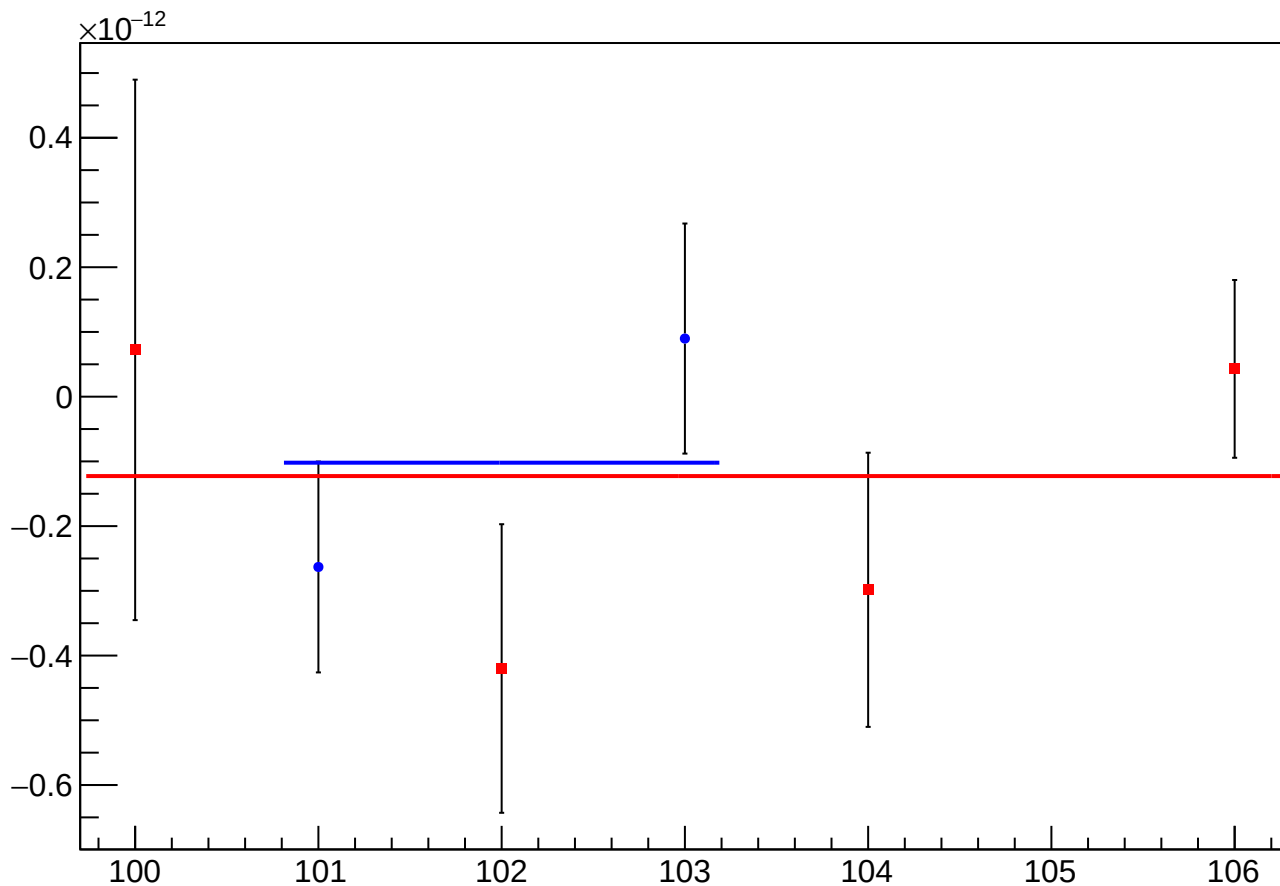
Right: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

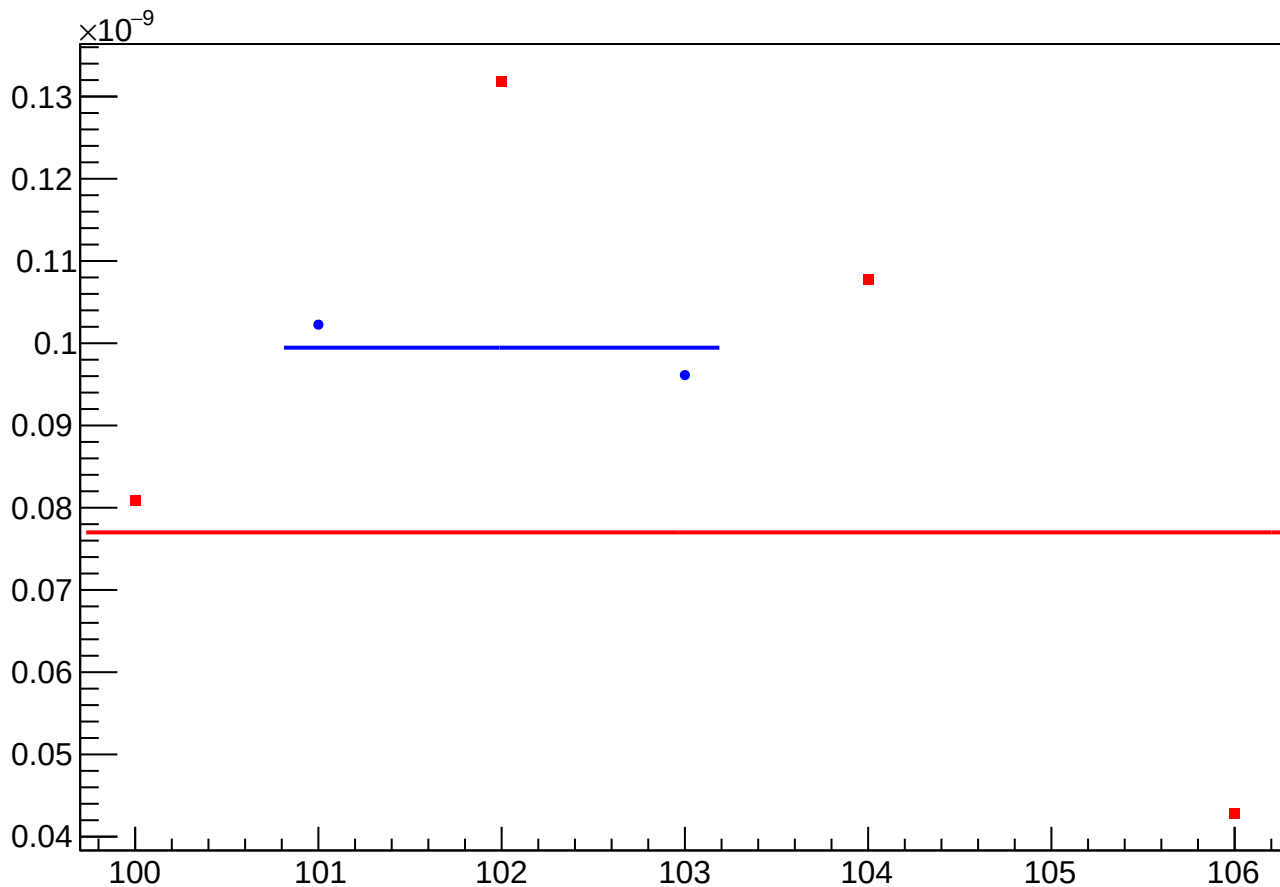
Right: -0.000+/-0.000 χ^2/NDF : 6.3/5

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/5

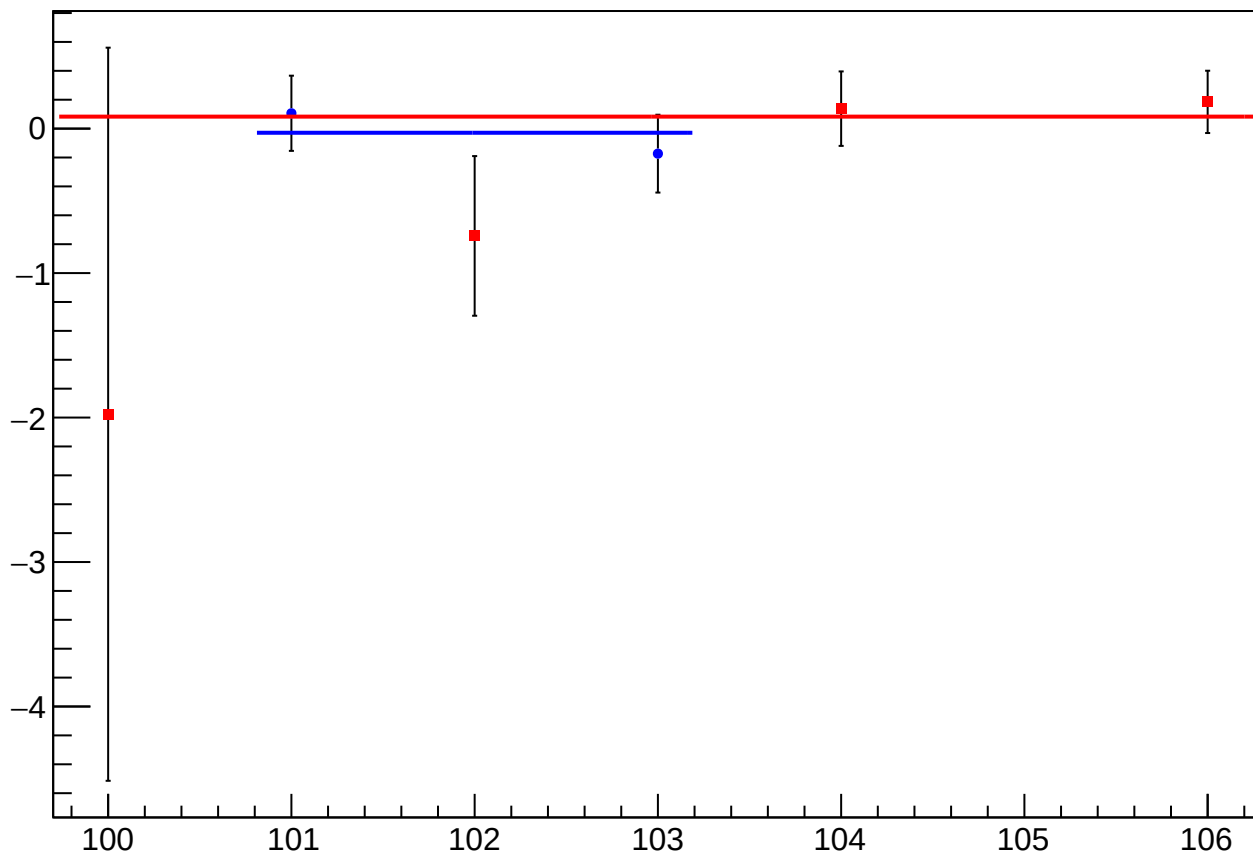
asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 286464.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 329279.9/5
 In: 0.000+/-0.000 χ^2/NDF : 1293.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 329279.9/5

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

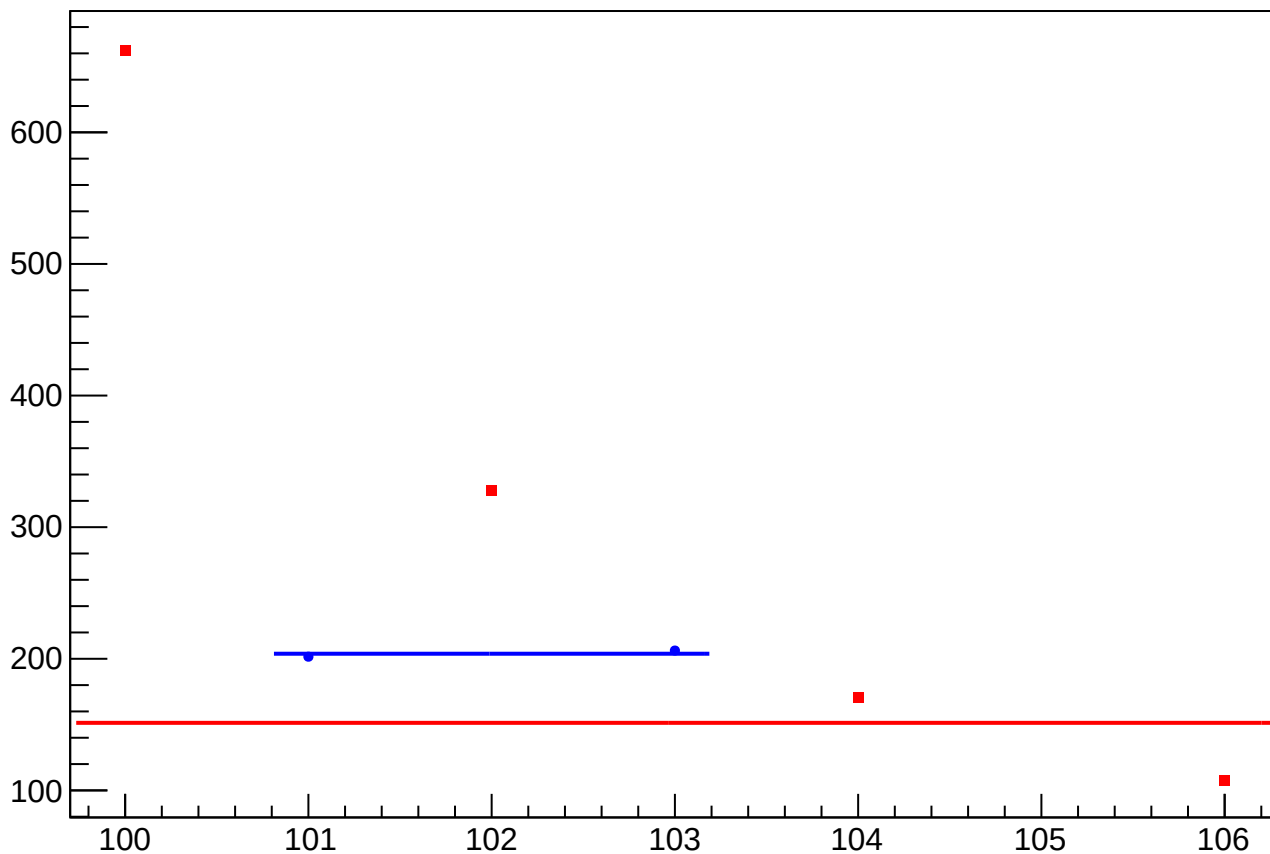
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 ± 0.132 χ^2/NDF : 308.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 151.332 ± 0.112 χ^2/NDF : 379480.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

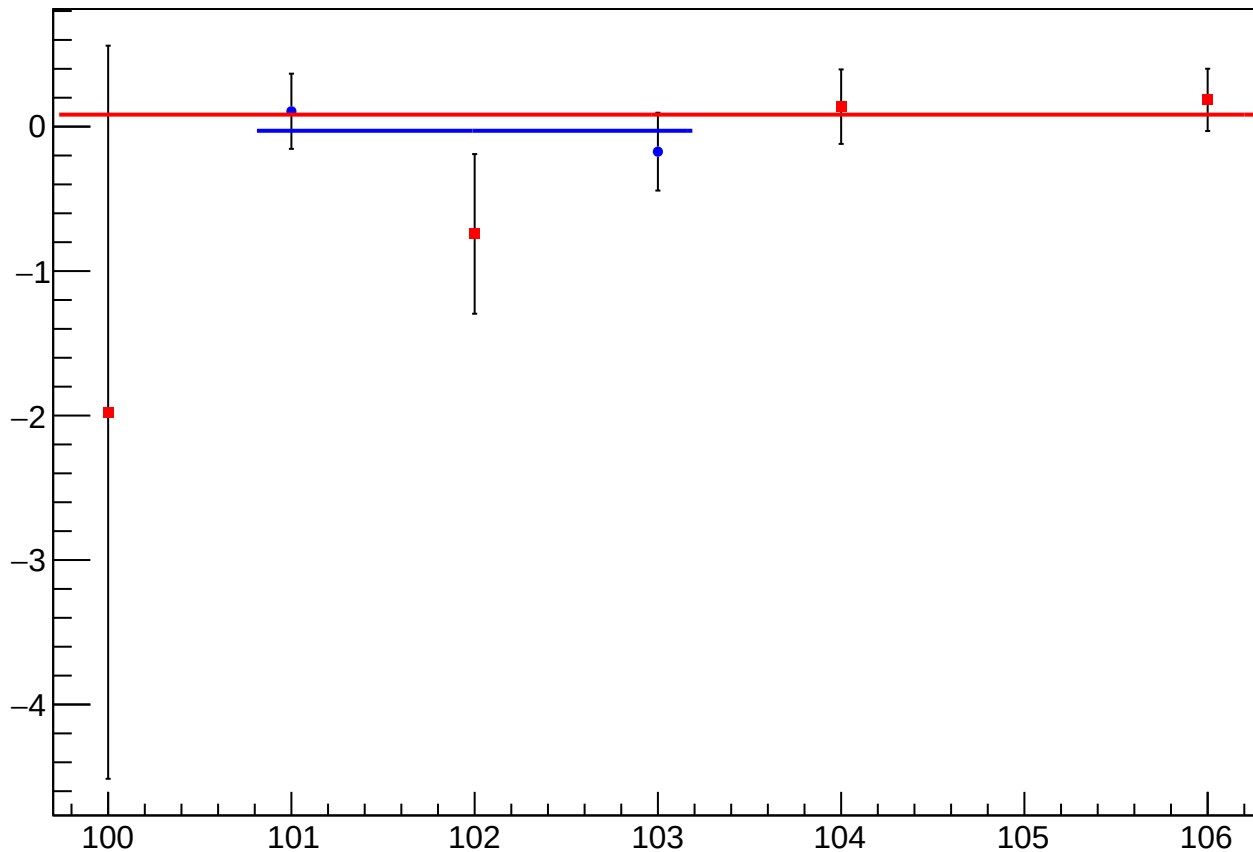
Right: 173.202 ± 0.085 χ^2/NDF : 471649.8/5

In: 203.843 ± 0.132 χ^2/NDF : 308.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 173.202 ± 0.085 χ^2/NDF : 471649.8/5

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

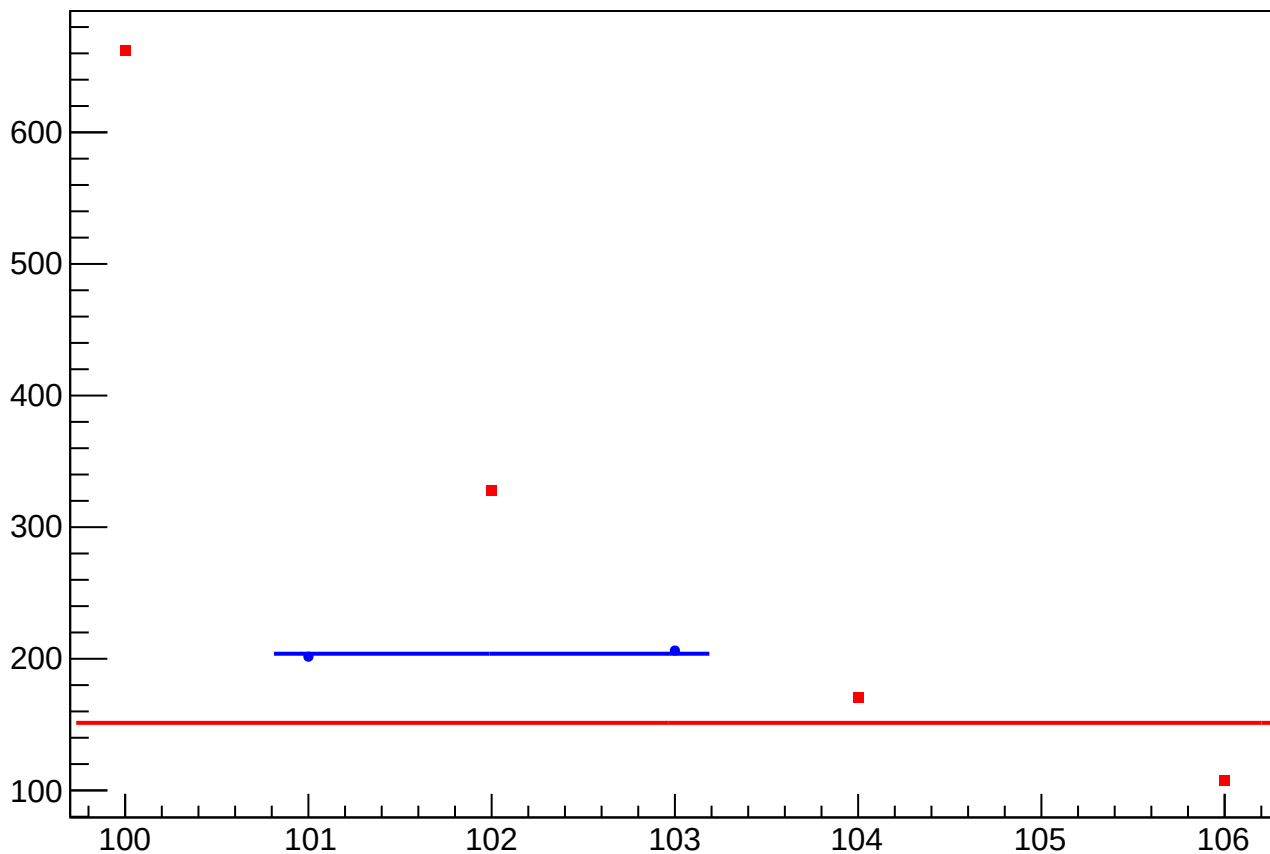
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 ± 0.132 $\chi^2/\text{NDF}: 308.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 151.332 ± 0.112 $\chi^2/\text{NDF}: 379480.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

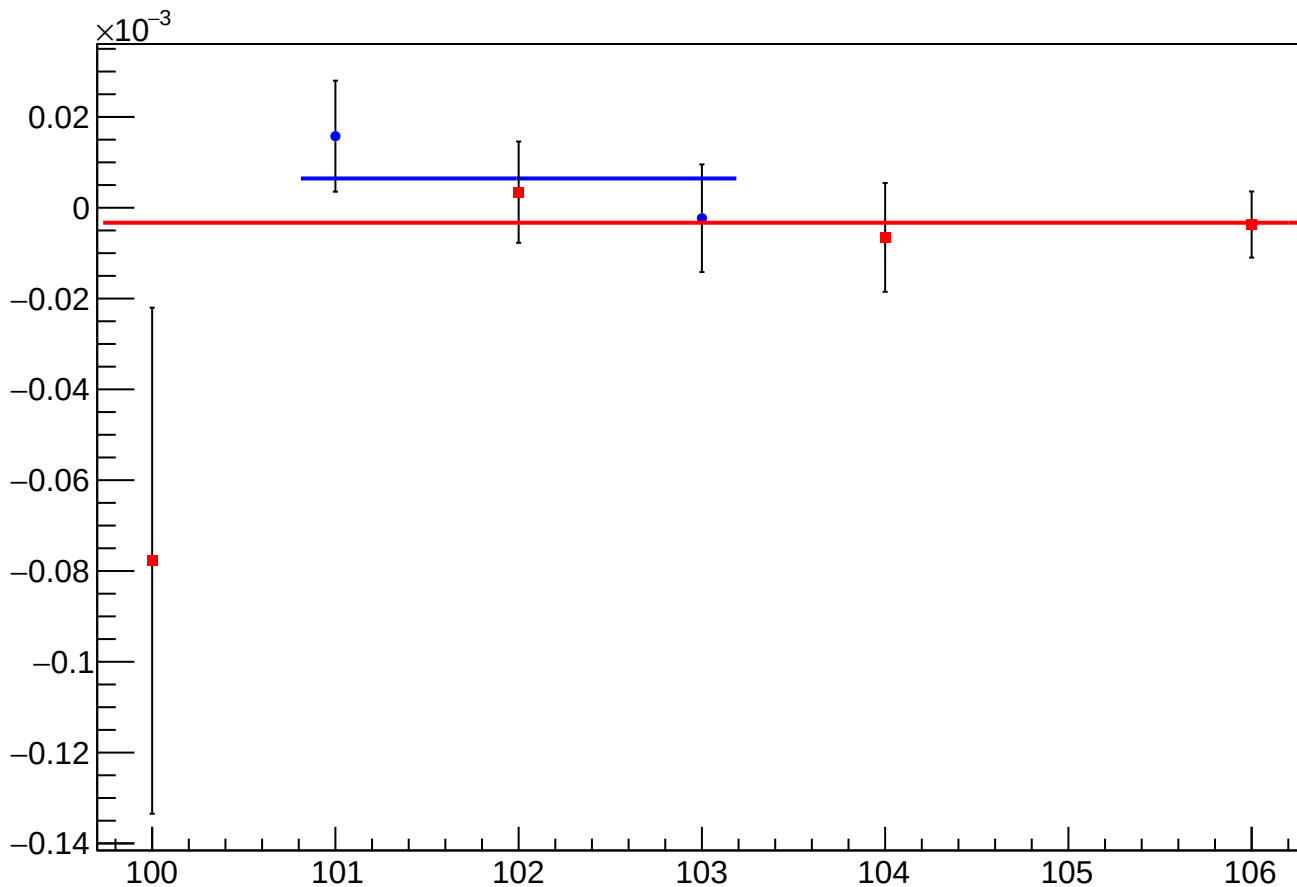
Right: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471649.8/5$

In: 203.843 ± 0.132 $\chi^2/\text{NDF}: 308.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 173.202 ± 0.085 $\chi^2/\text{NDF}: 471649.8/5$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 1.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 2.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

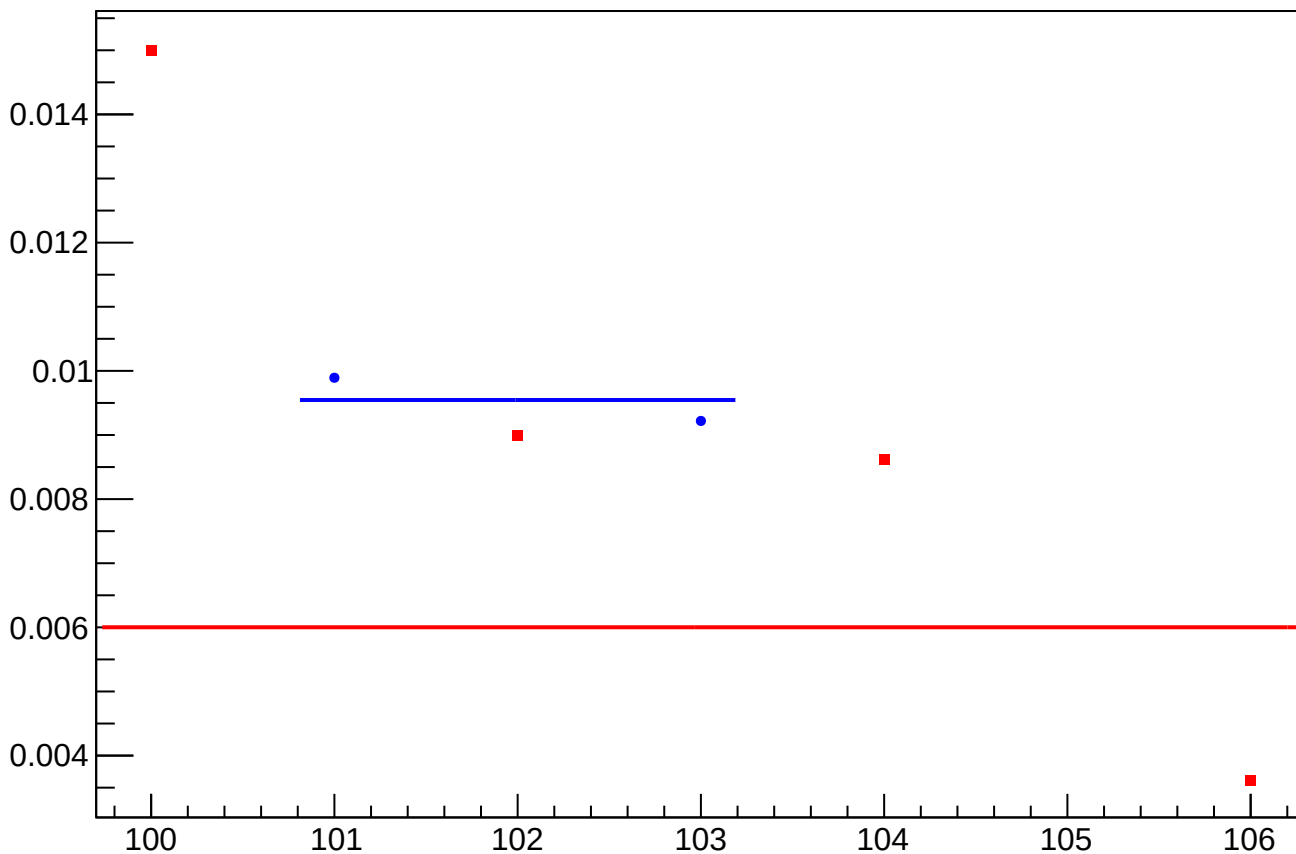
Right: -0.000+/-0.000 χ^2 /NDF: 4.3/5

In: 0.000+/-0.000 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 4.3/5

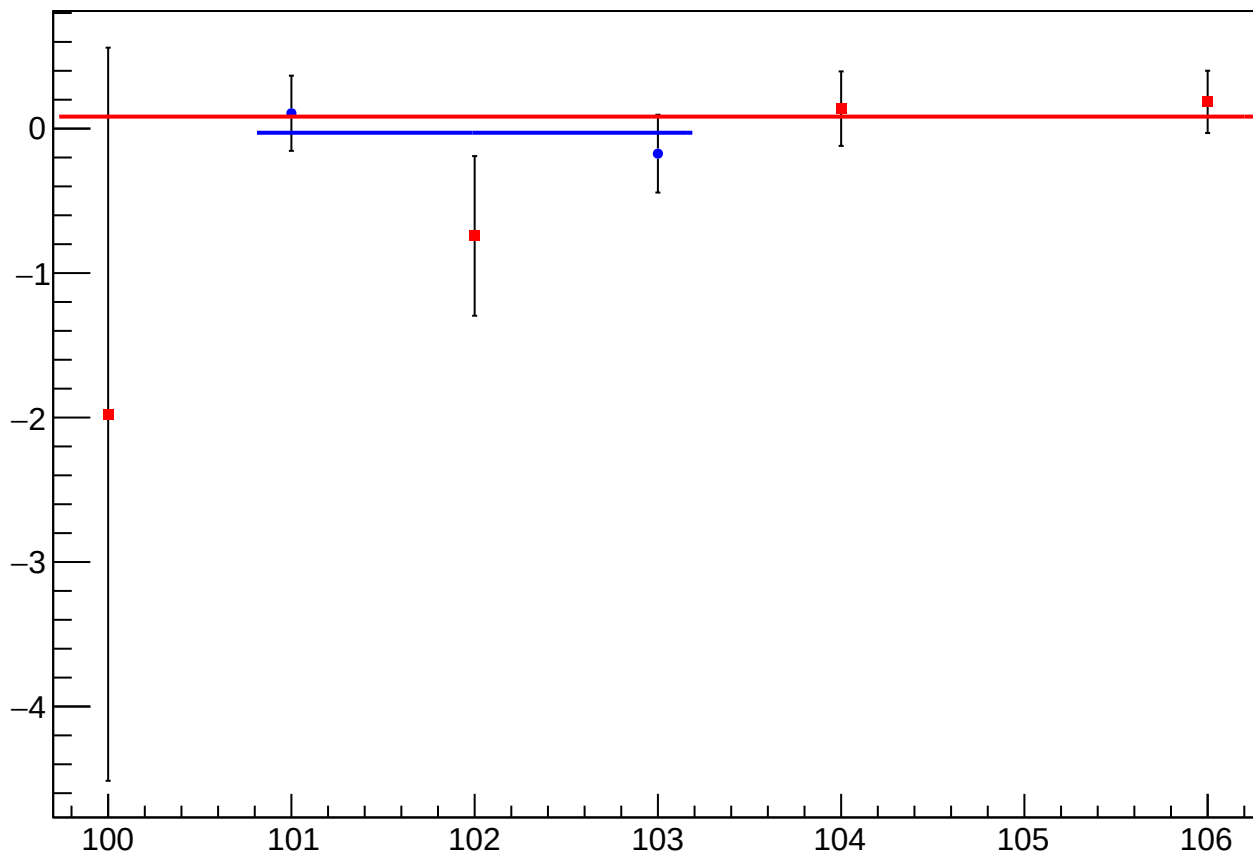
asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 505818.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.007+/-0.000 χ^2/NDF : 756020.8/5
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756020.8/5

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

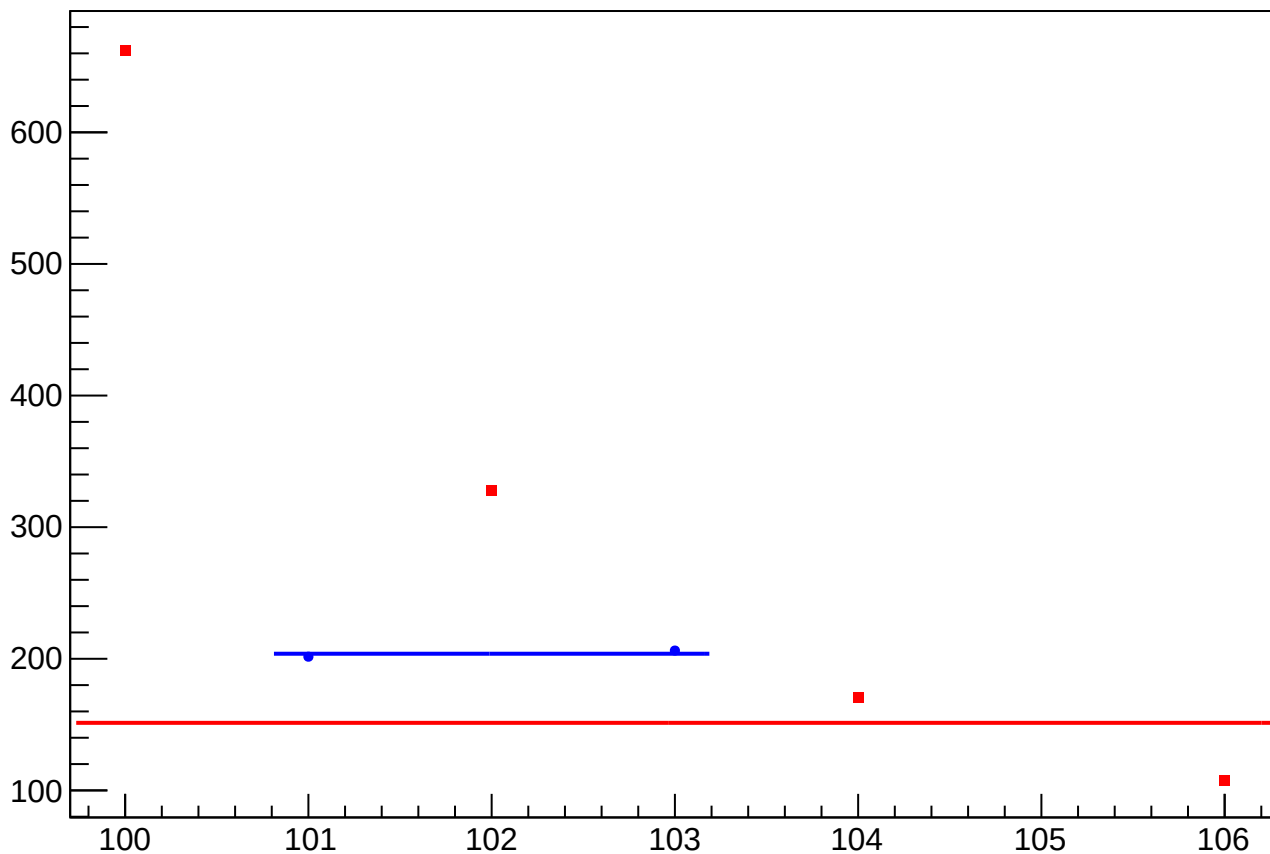
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.333 $\pm$ 0.112 χ^2 /NDF: 379472.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

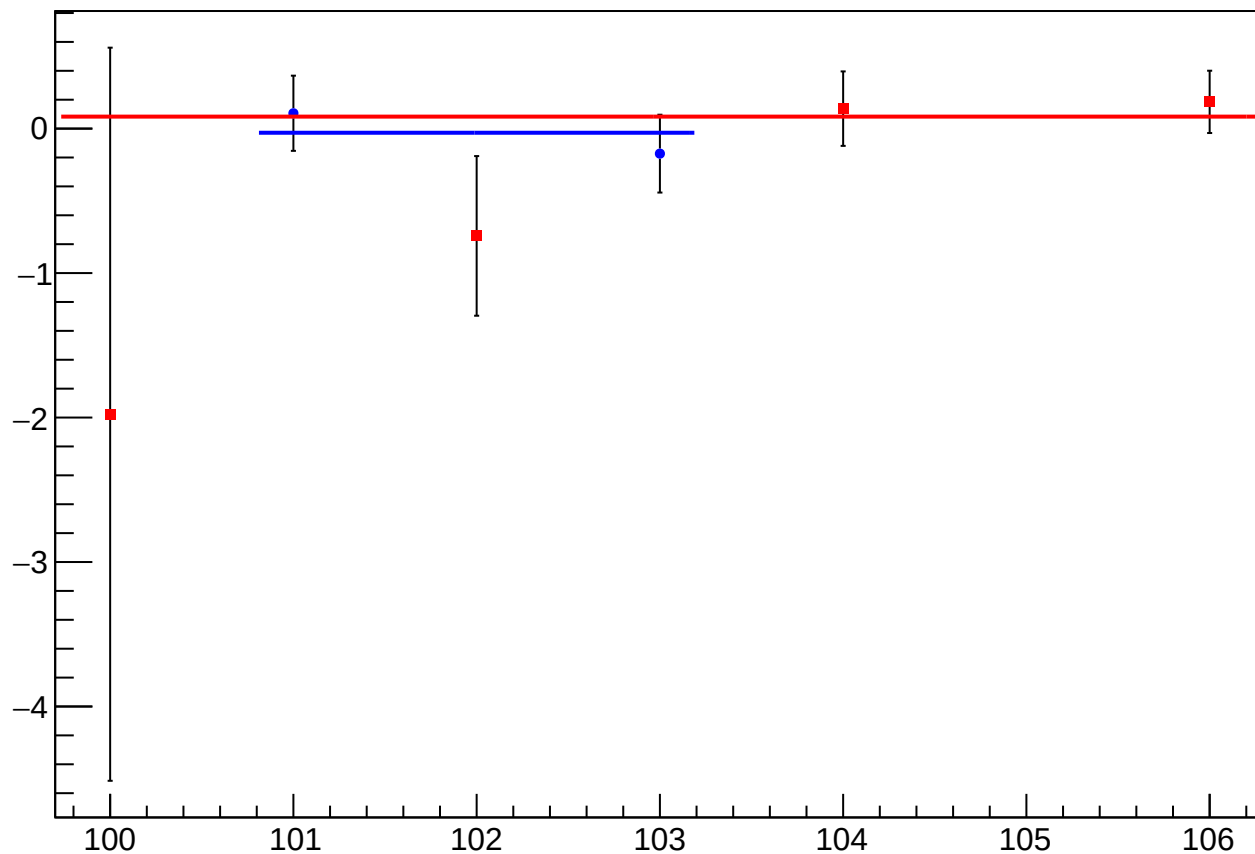
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

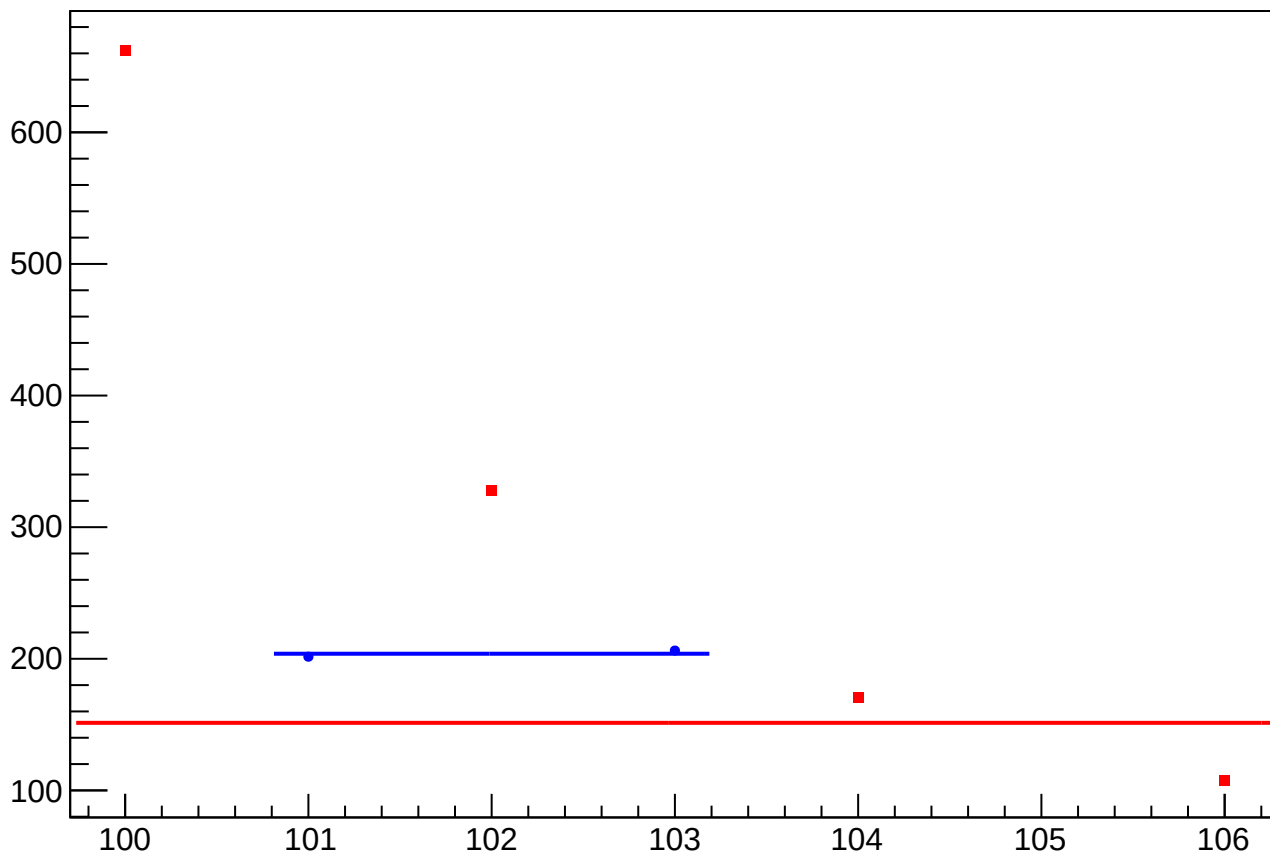
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.333 $\pm$ 0.112 χ^2 /NDF: 379472.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

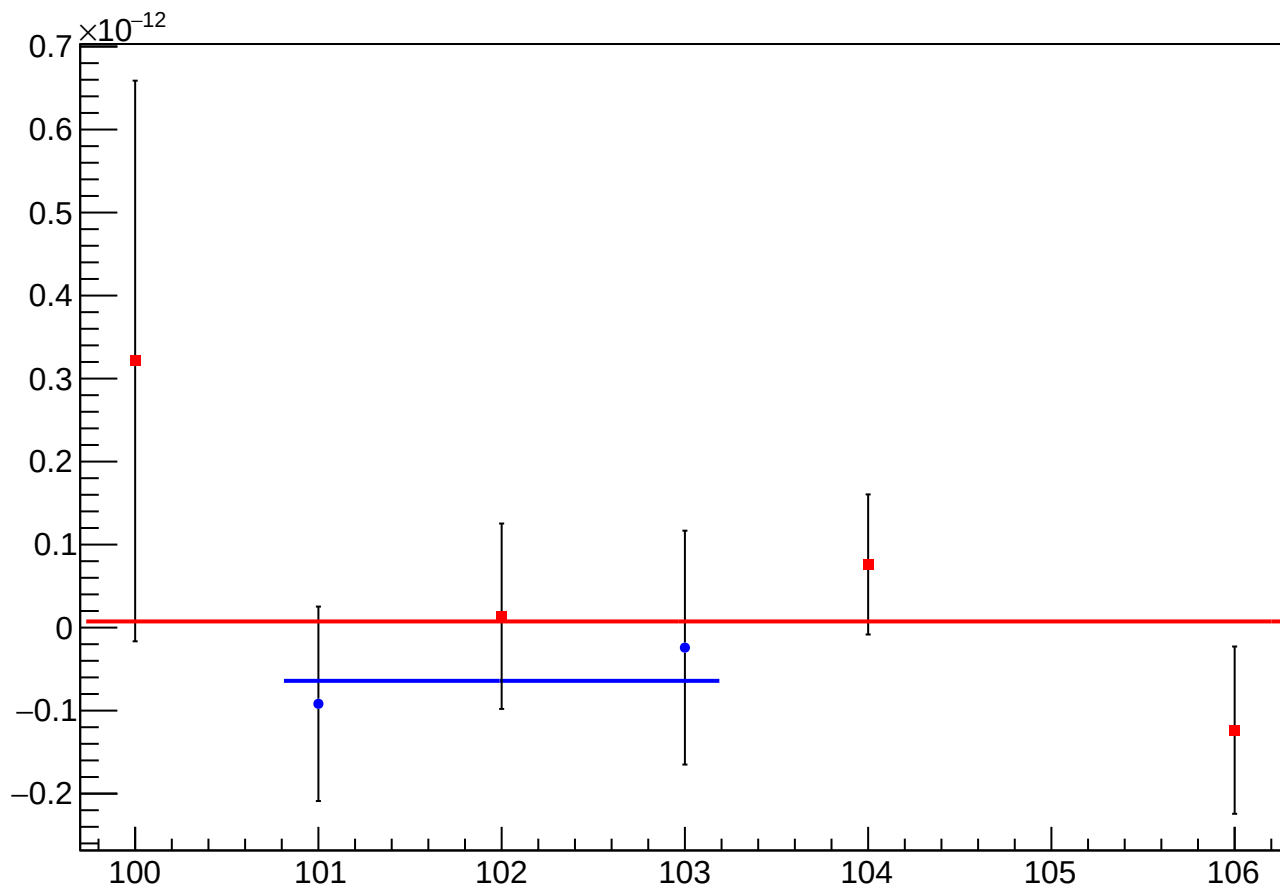
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

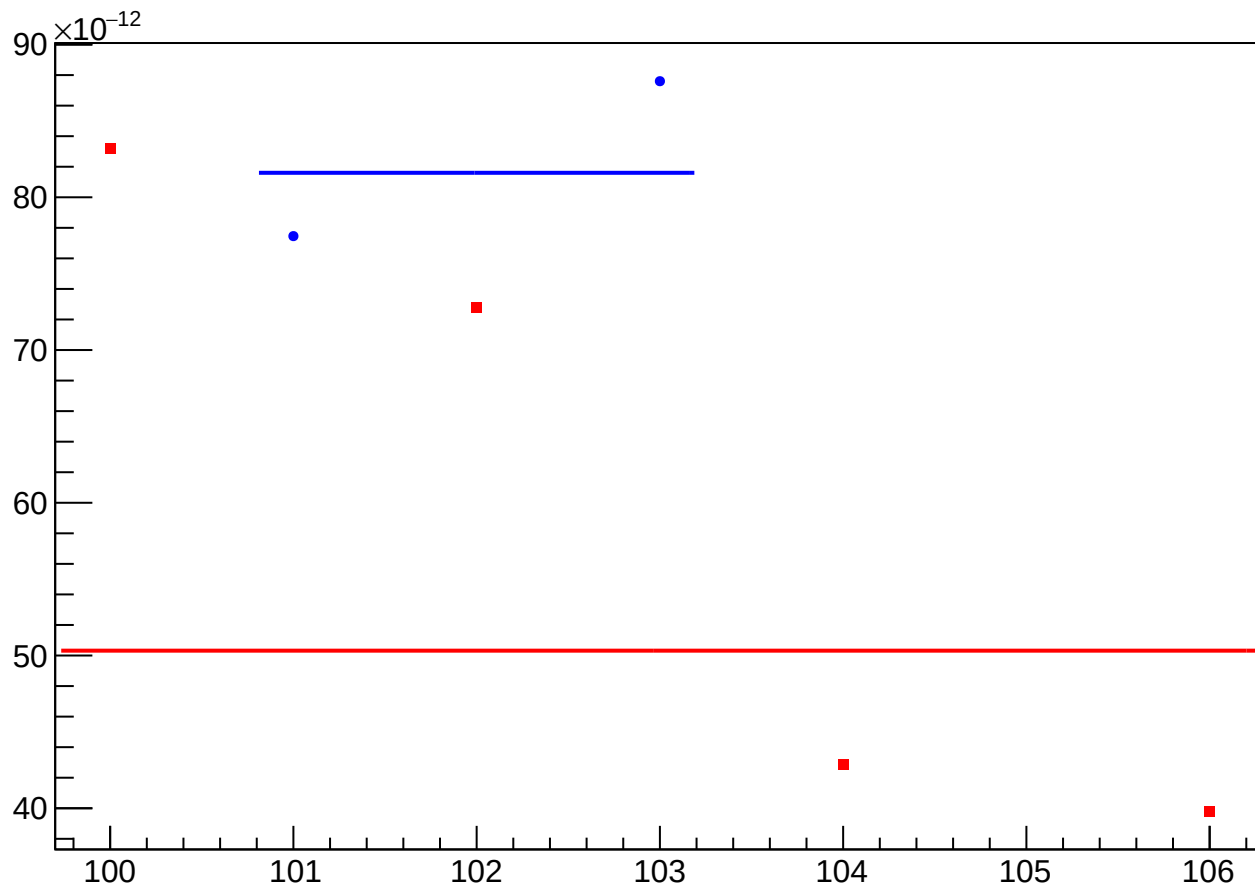
Right: -0.000+/-0.000 χ^2/NDF : 3.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/5

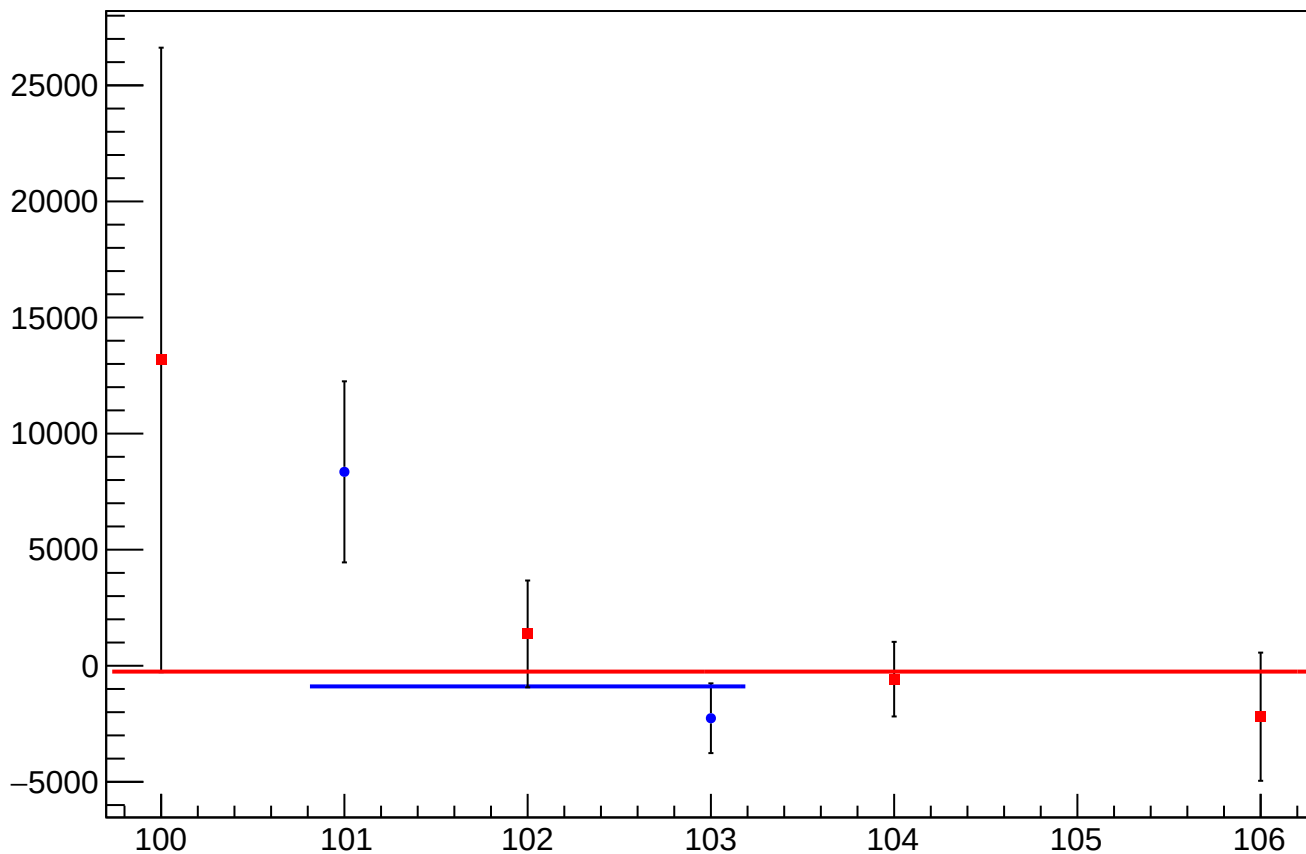
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 137423.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 318939.7/5
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 318939.7/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.636+/-1184.131 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

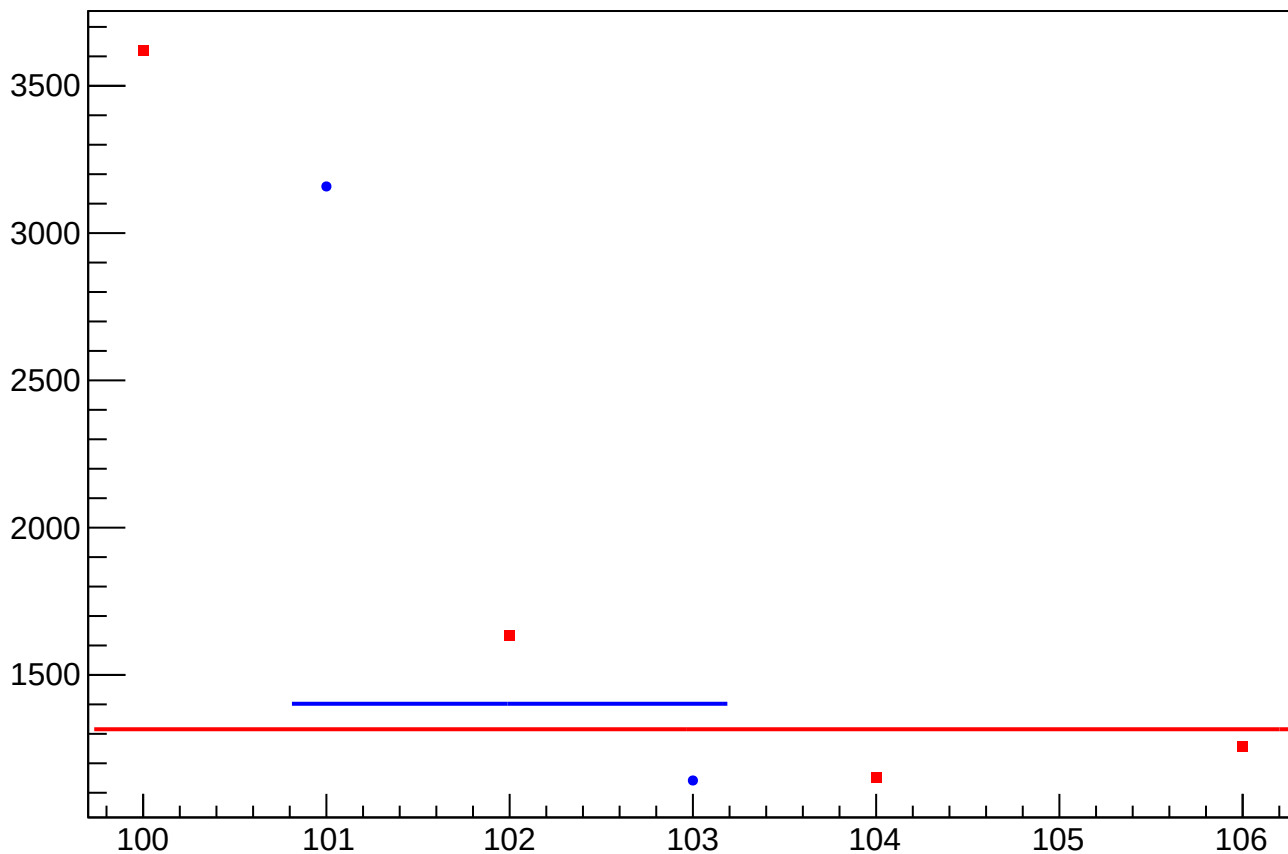
Right: -517.387+/-904.543 χ^2/NDF : 8.6/5

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.387+/-904.543 χ^2/NDF : 8.6/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.599+/-0.825 χ^2/NDF : 119131.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

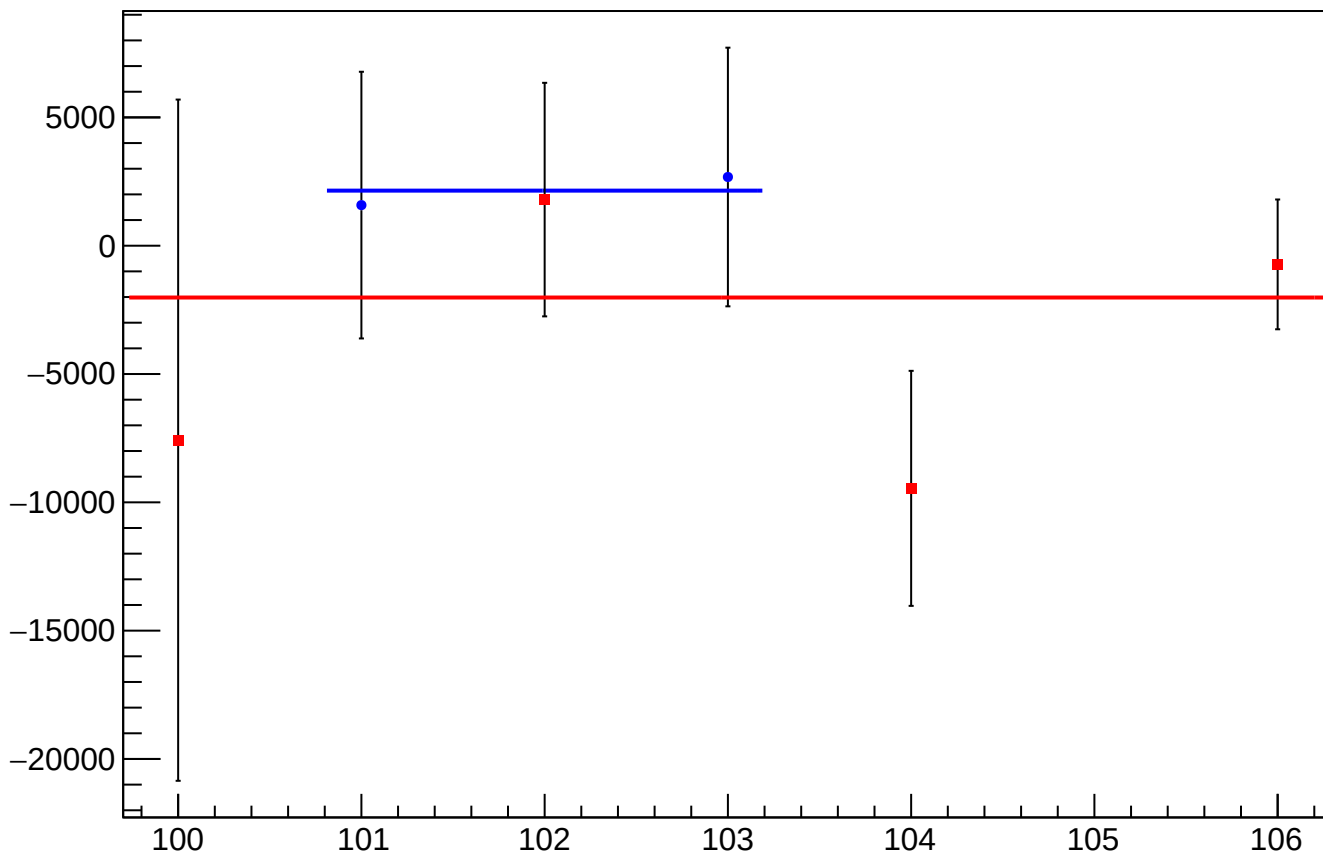
Right: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1350.996+/-0.634 χ^2/NDF : 589355.5/5

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2018.803+/-1968.636 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

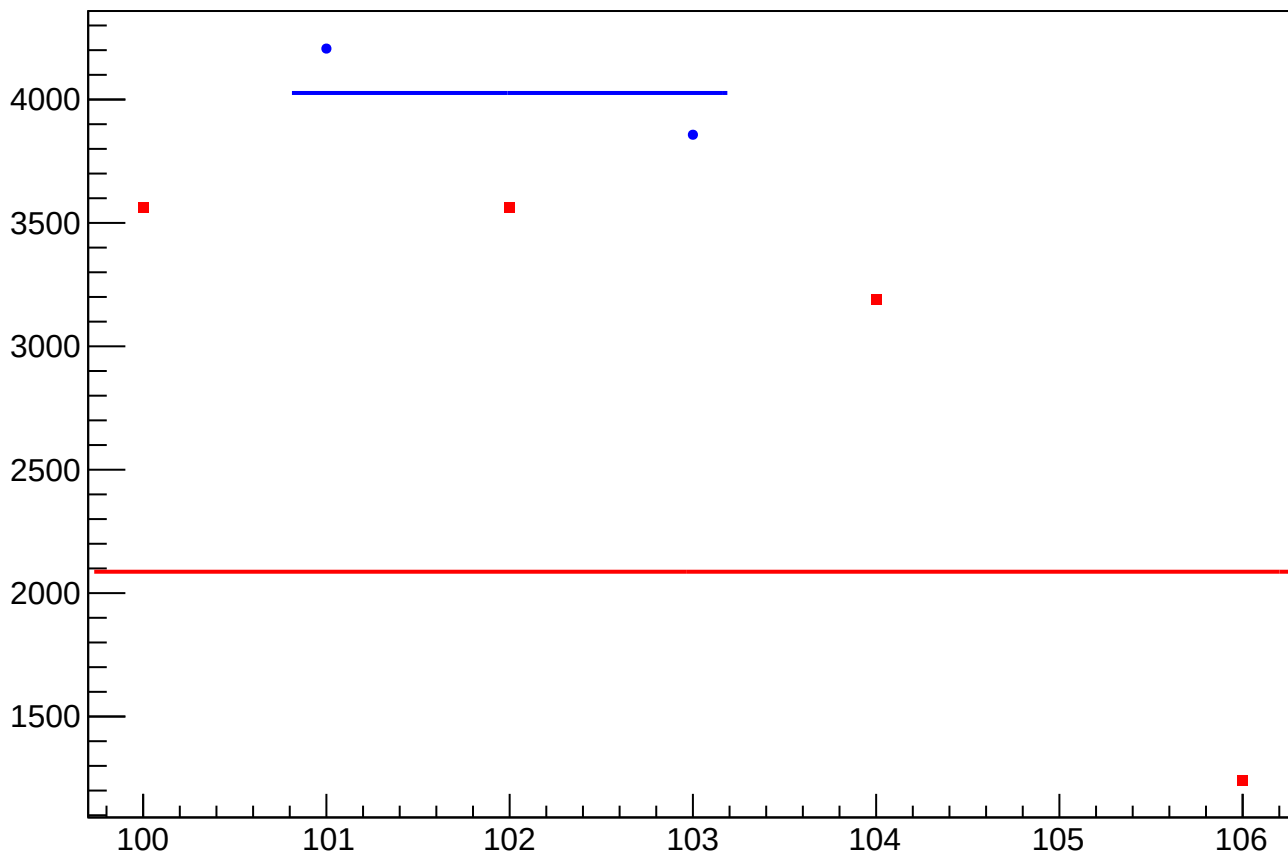
Right: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

In: 2146.539+/-3617.614 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1067.131+/-1729.182 χ^2/NDF : 4.8/5

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2086.688+/-1.392 χ^2/NDF : 574326.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

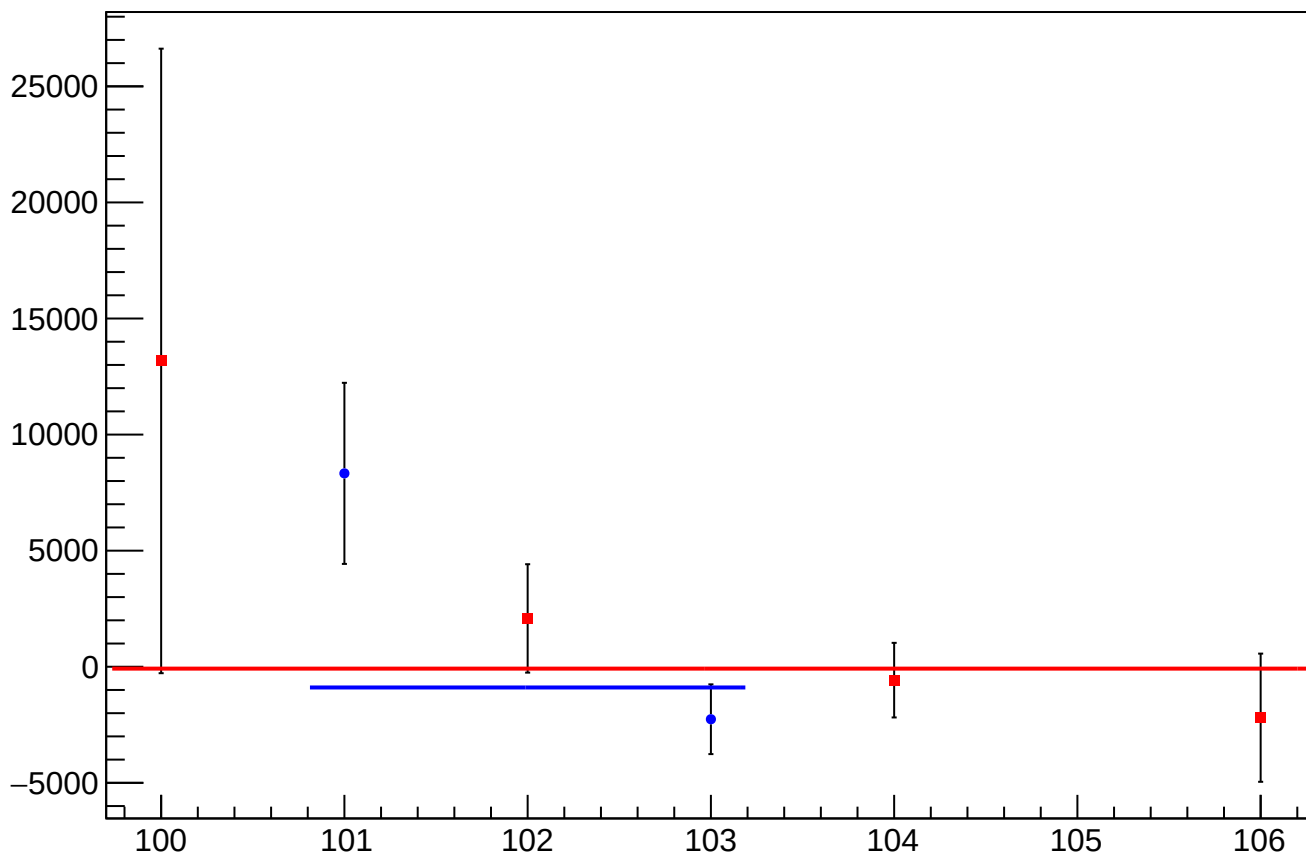
Right: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2529.894+/-1.223 χ^2/NDF : 1022661.3/5

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

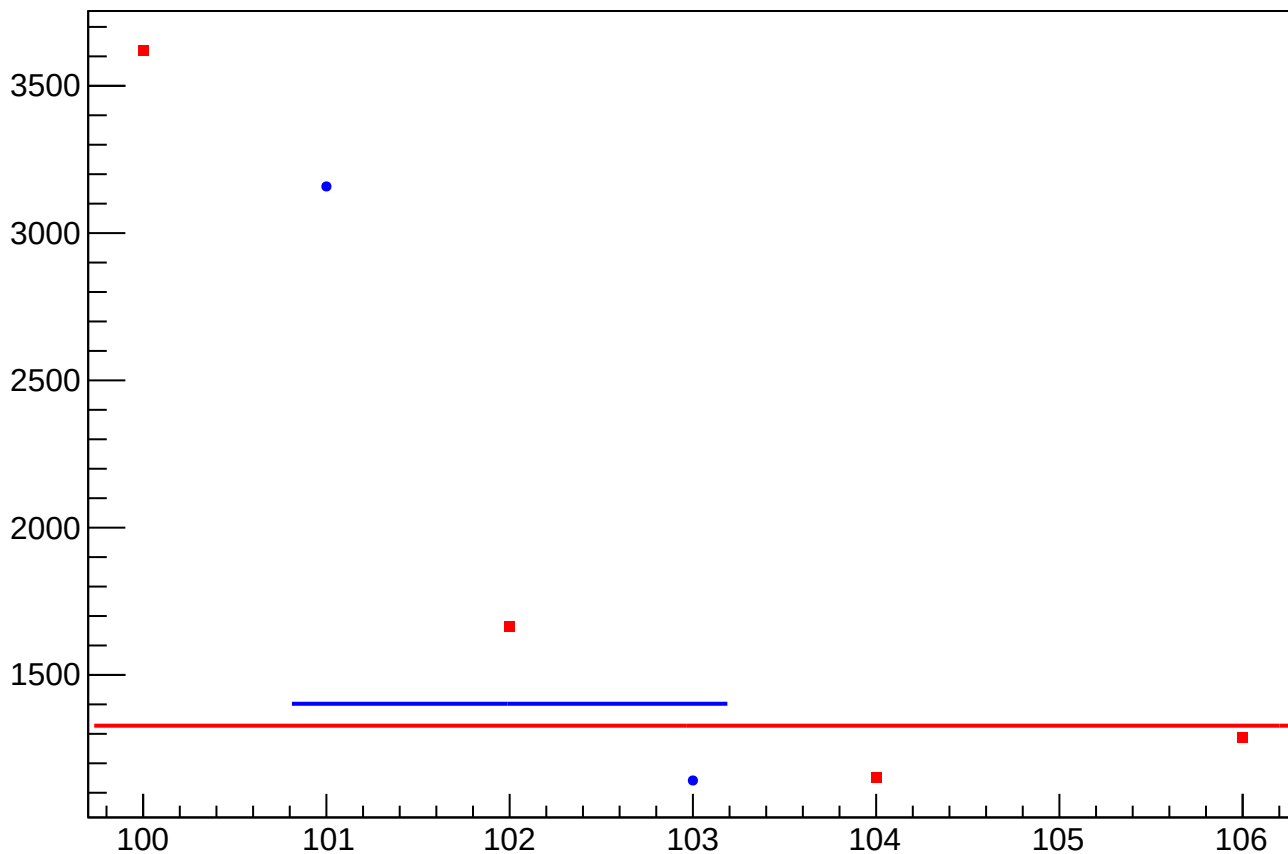
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.700+/-0.831 χ^2/NDF : 124900.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

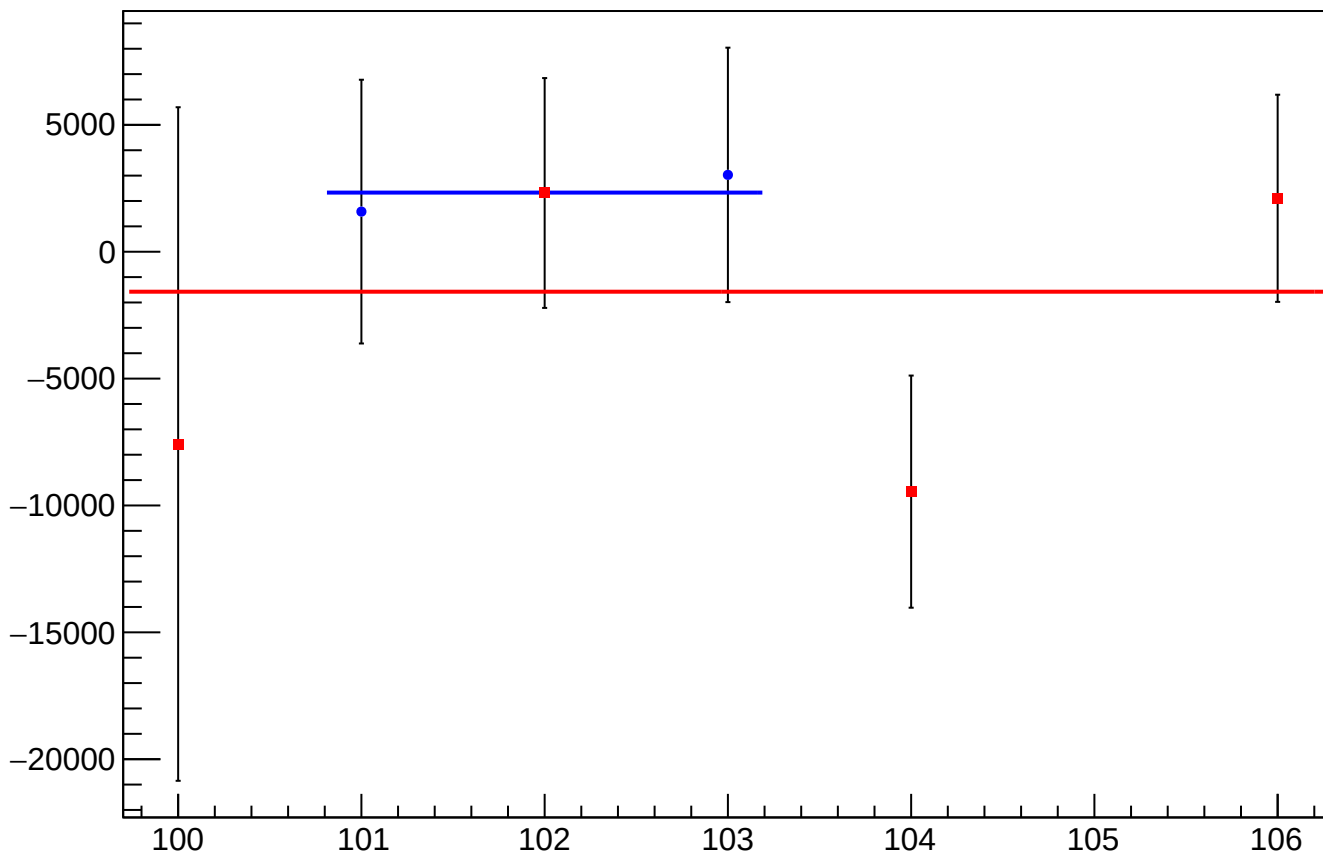
Right: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.445+/-0.637 χ^2/NDF : 593932.1/5

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

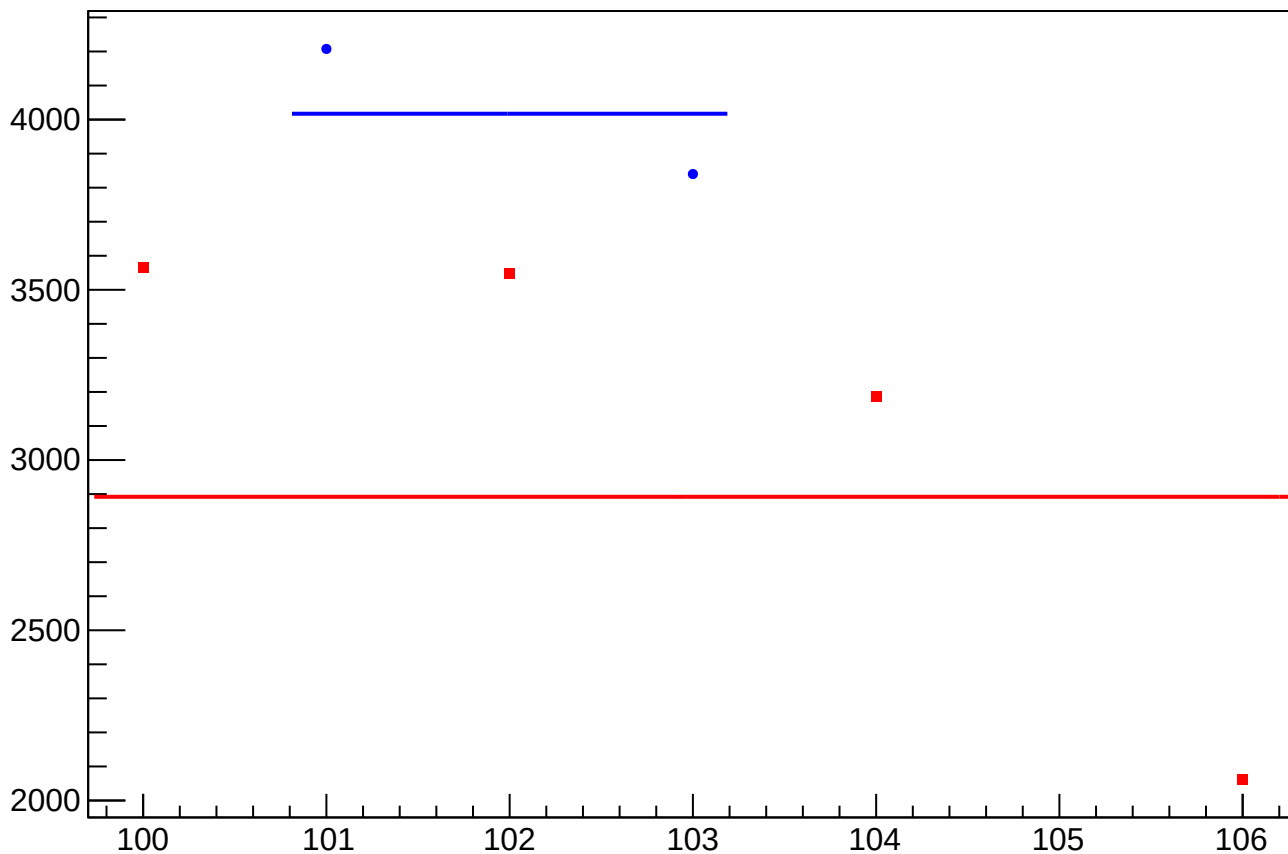
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.050+/-1.756 χ^2/NDF : 138425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

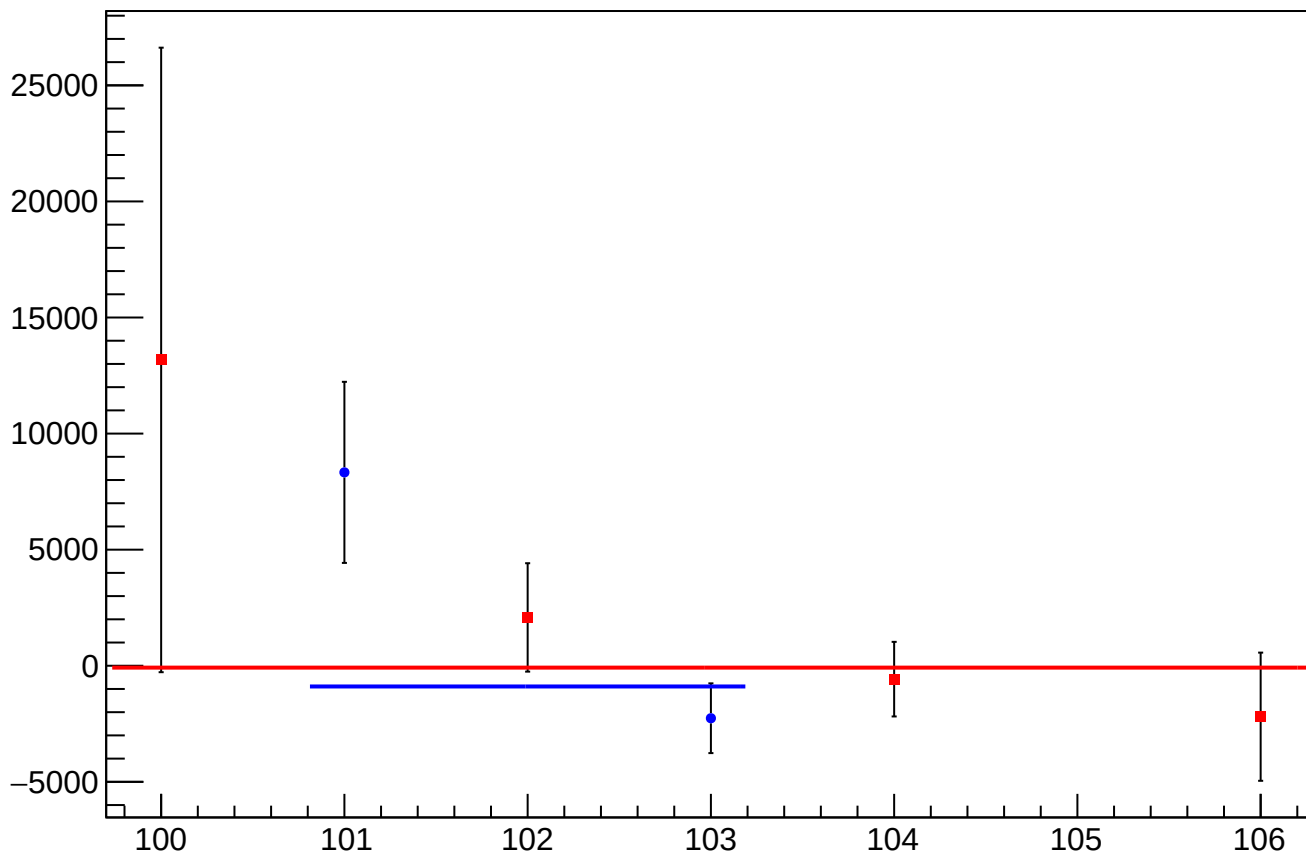
Right: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.506+/-1188.786 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

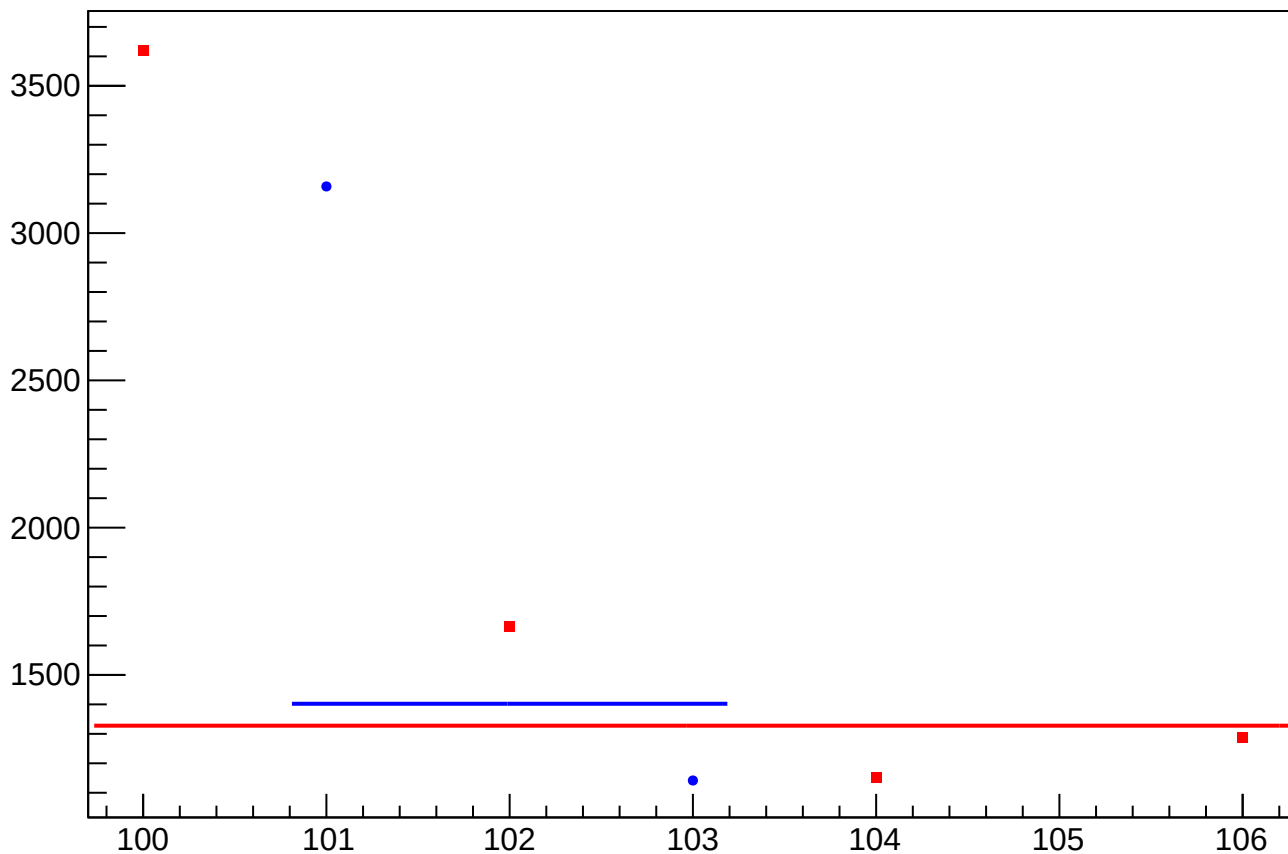
Right: -420.268+/-906.613 χ^2/NDF : 9.1/5

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.268+/-906.613 χ^2/NDF : 9.1/5

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.126 ± 0.991 $\chi^2/\text{NDF}: 465721.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1327.700 ± 0.831 $\chi^2/\text{NDF}: 124900.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

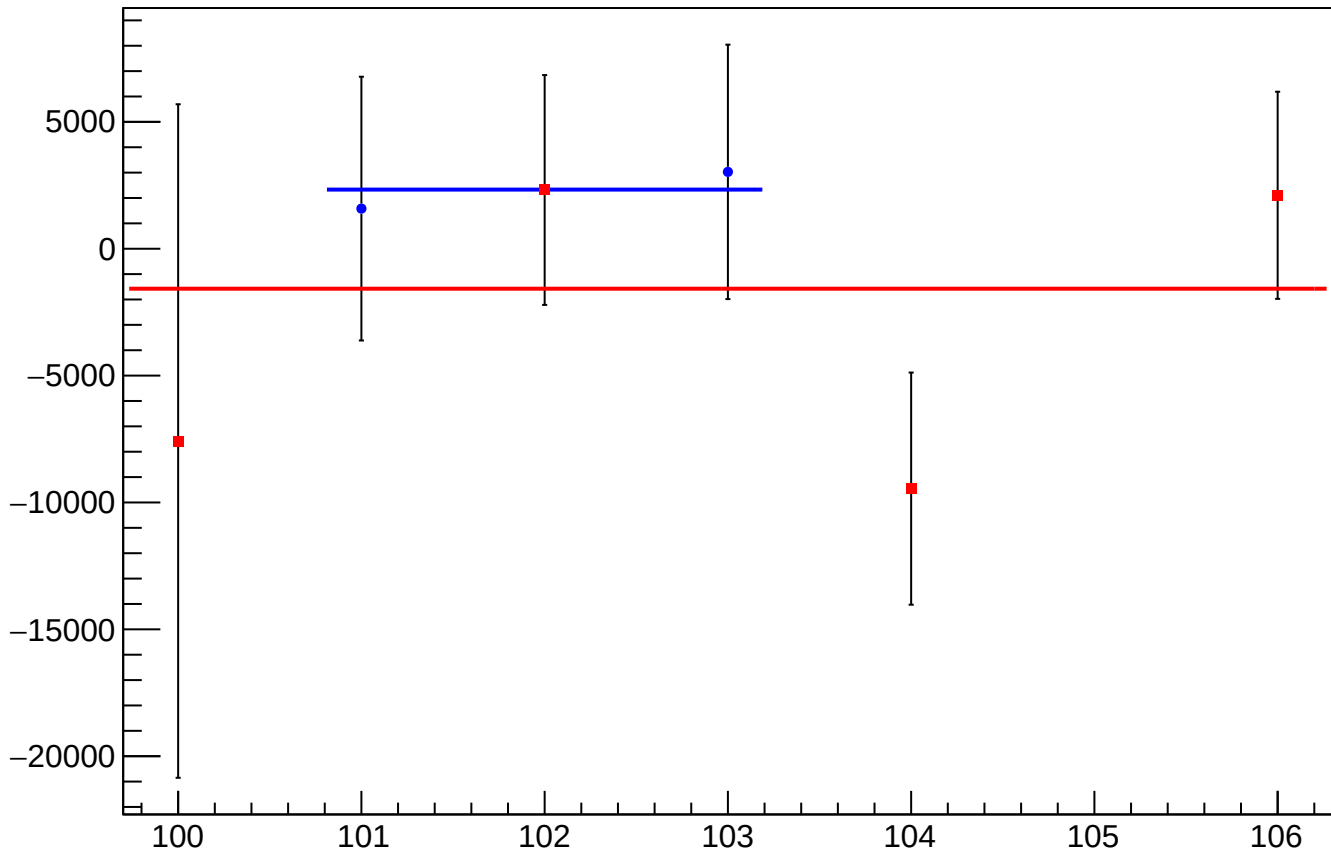
Right: 1358.445 ± 0.637 $\chi^2/\text{NDF}: 593932.1/5$

In: 1402.126 ± 0.991 $\chi^2/\text{NDF}: 465721.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1358.445 ± 0.637 $\chi^2/\text{NDF}: 593932.1/5$

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1575.316+/-2482.821 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

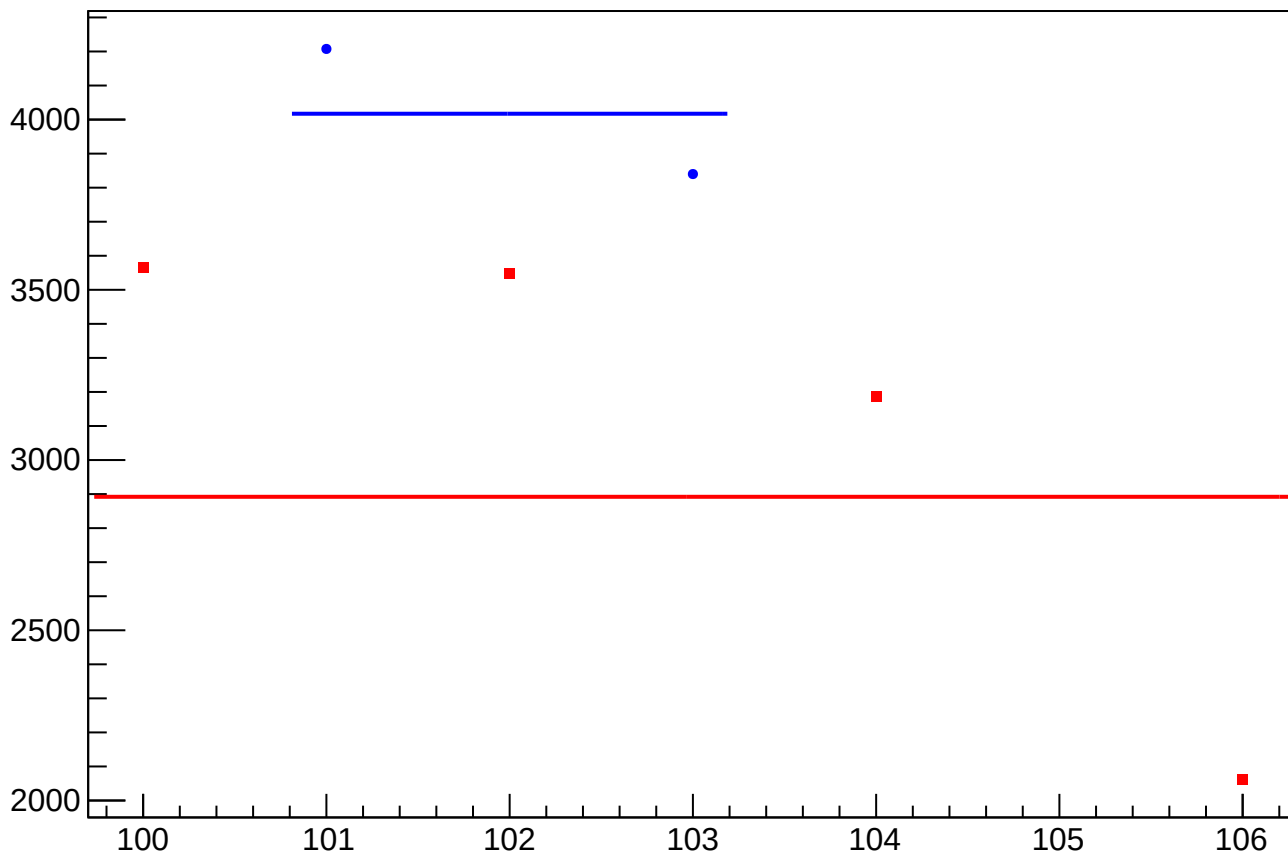
Right: -320.160+/-2045.410 χ^2/NDF : 5.6/5

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.160+/-2045.410 χ^2/NDF : 5.6/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.050+/-1.756 χ^2/NDF : 138425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

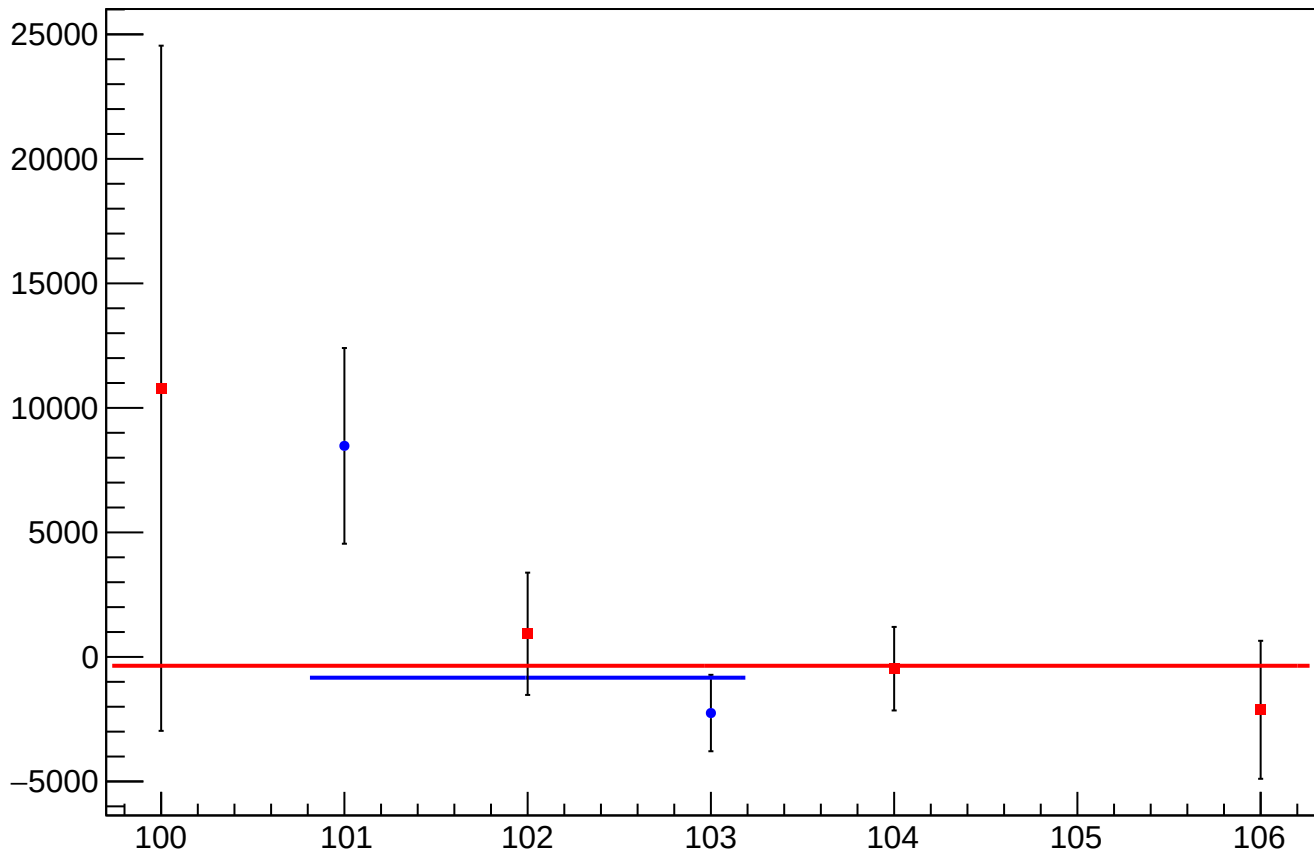
Right: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3253.563+/-1.446 χ^2/NDF : 275570.5/5

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.106+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

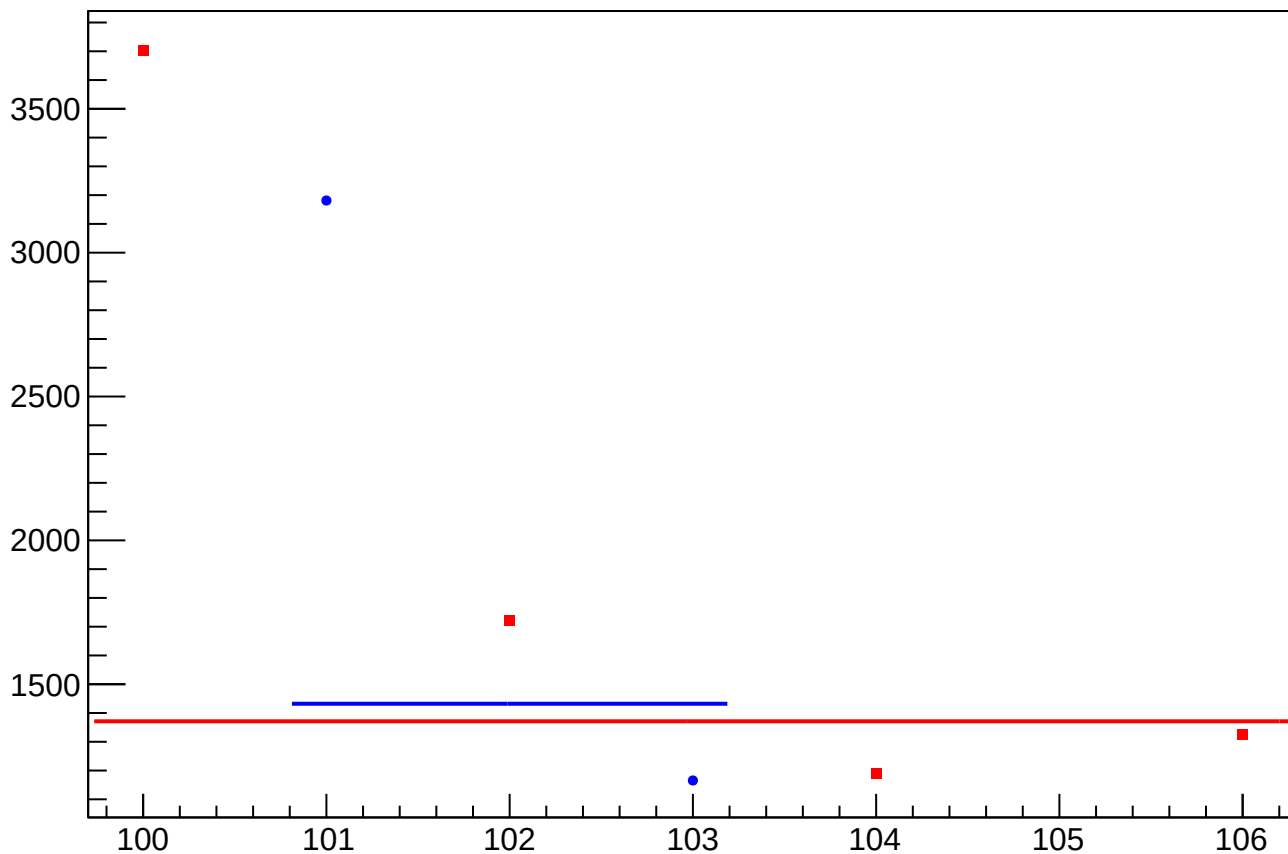
Right: -559.519+/-933.974 χ^2/NDF : 7.9/5

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.519+/-933.974 χ^2/NDF : 7.9/5

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1371.132+/-0.868 χ^2/NDF : 121981.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

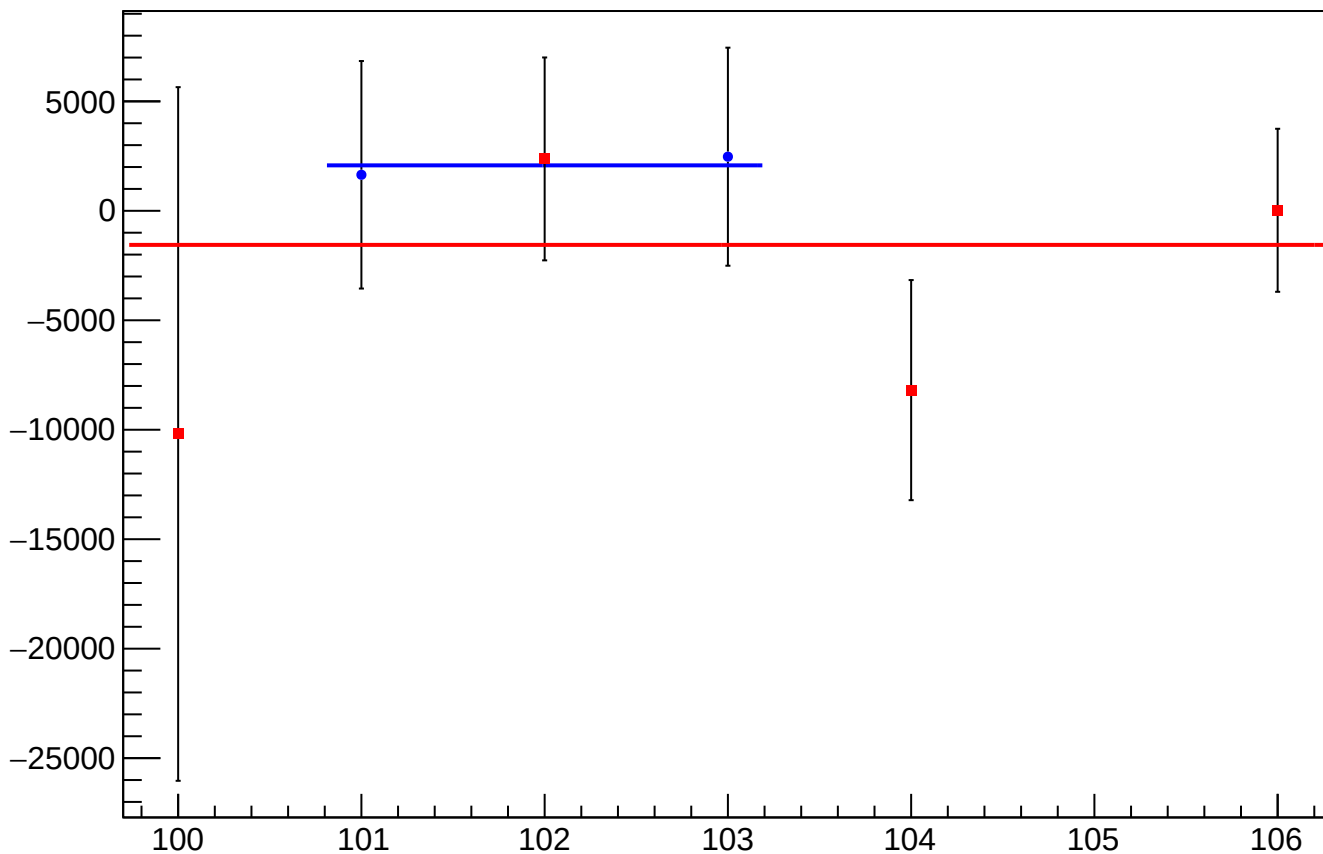
Right: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.045+/-0.659 χ^2/NDF : 580862.9/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.399+/-2482.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

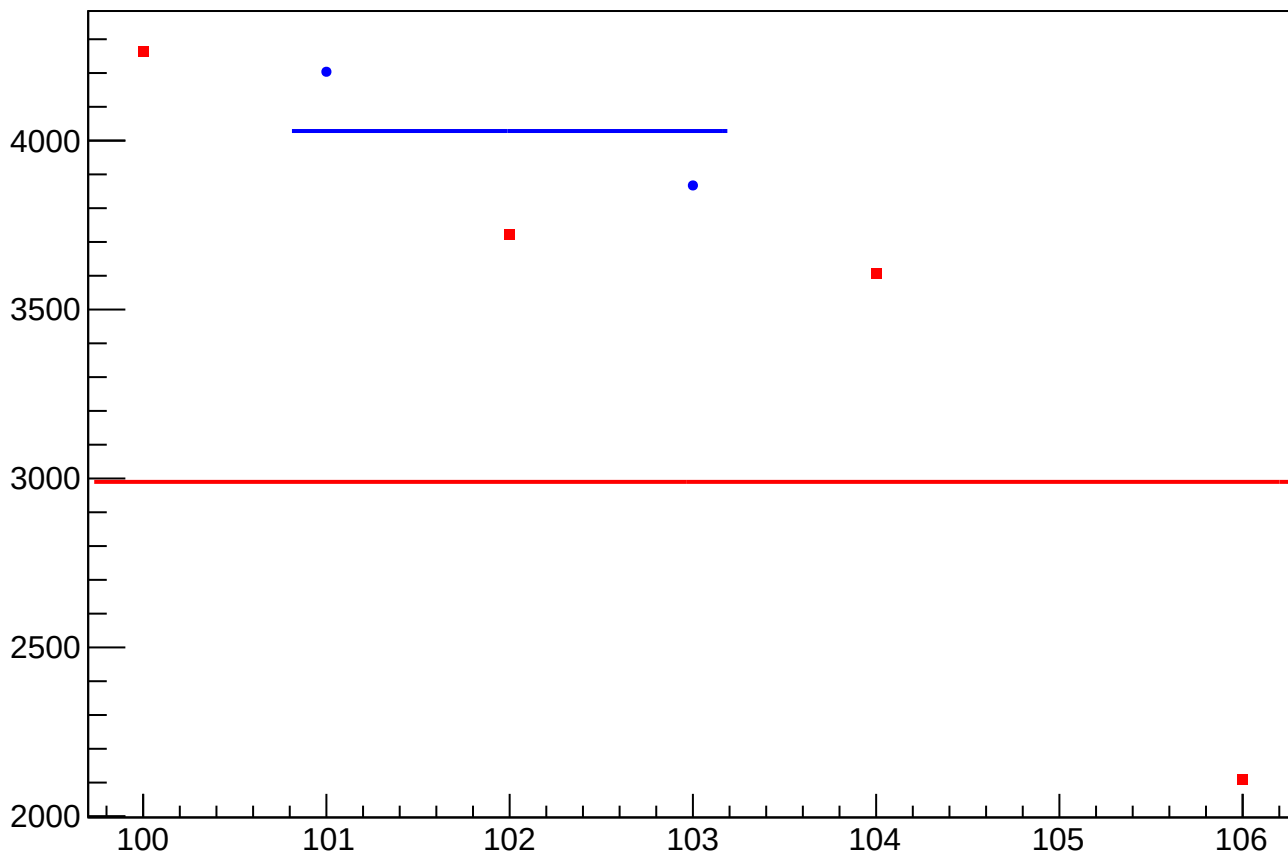
Right: -383.654+/-2042.812 χ^2/NDF : 3.6/5

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.654+/-2042.812 χ^2/NDF : 3.6/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2989.981+/-1.755 χ^2/NDF : 205375.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

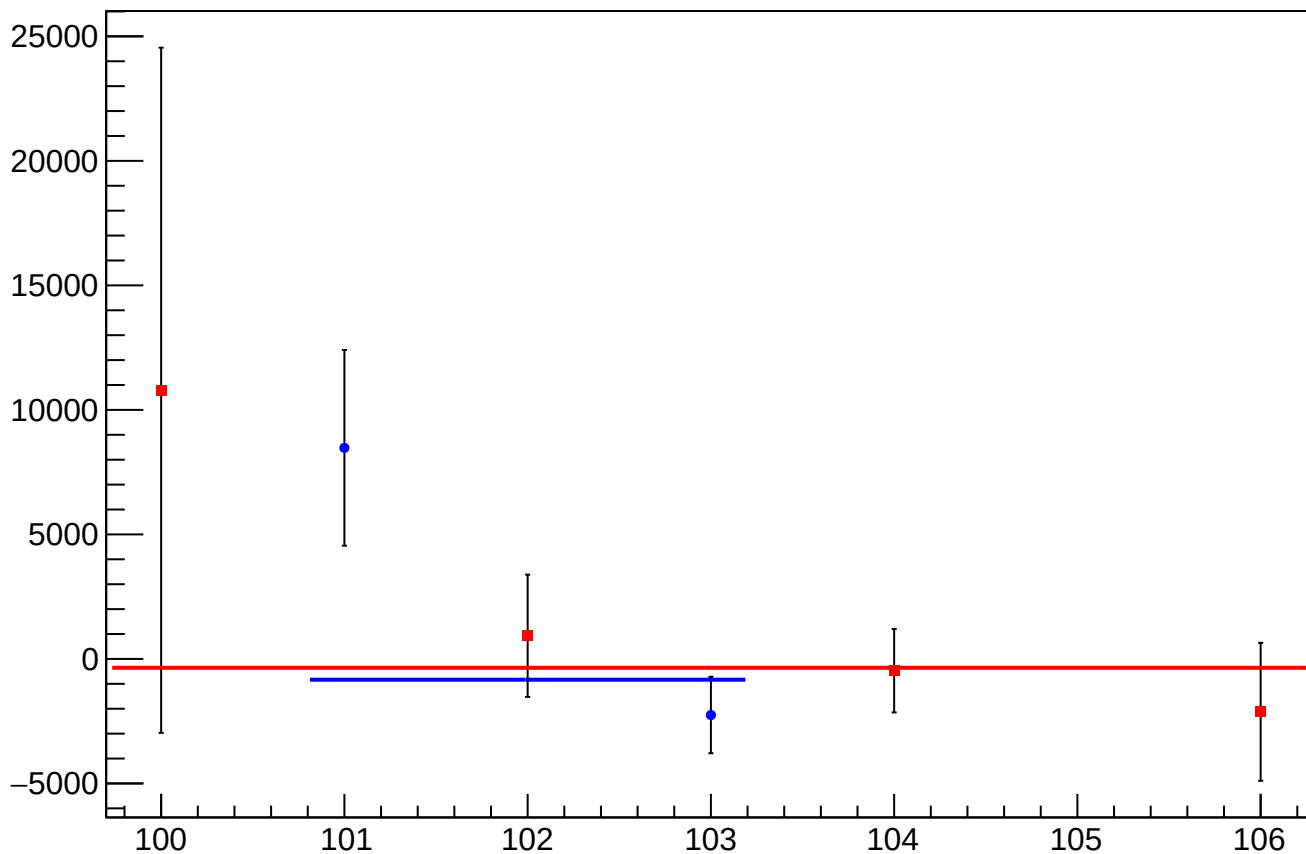
Right: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.207+/-1.444 χ^2/NDF : 322719.7/5

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -355.116+/-1233.884 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

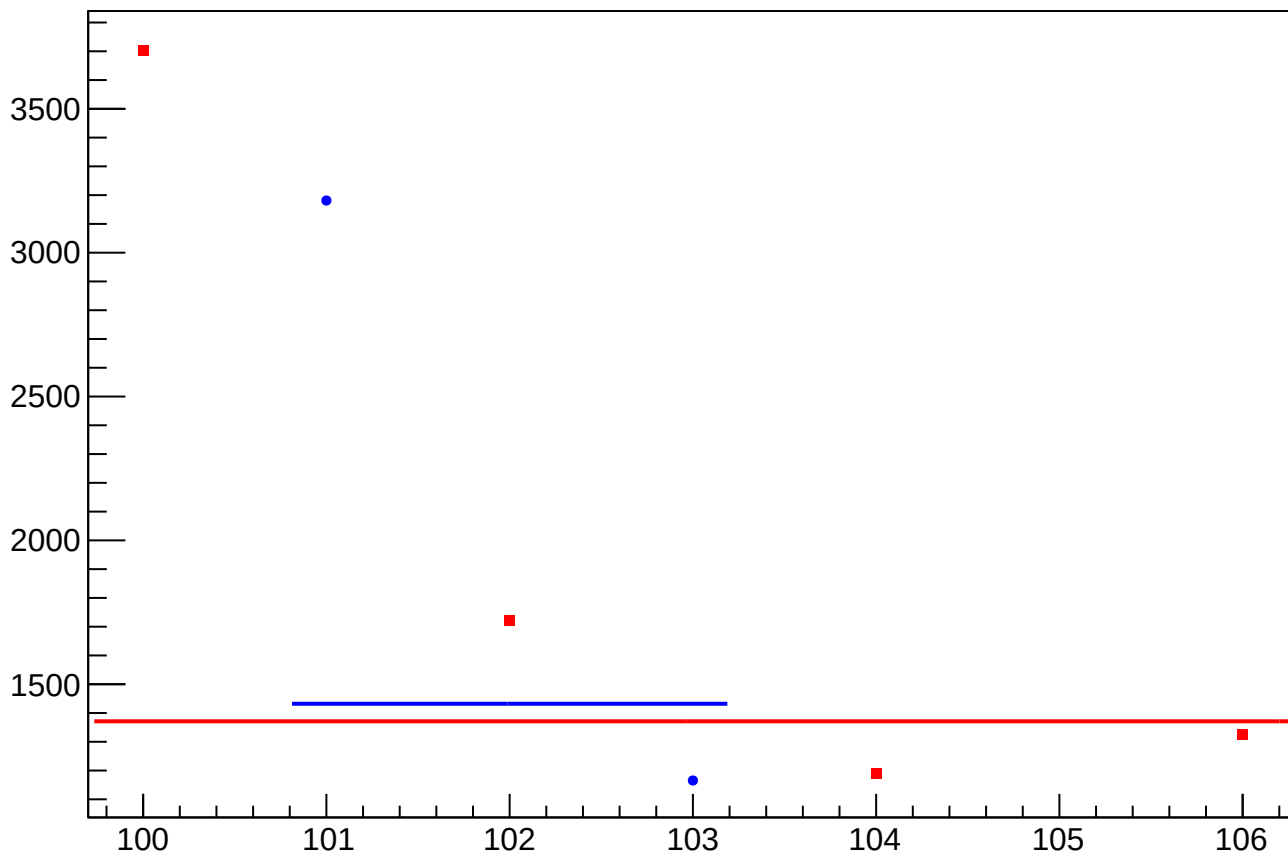
Right: -559.525+/-933.974 χ^2/NDF : 7.9/5

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.525+/-933.974 χ^2/NDF : 7.9/5

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1432.145+/-1.011 χ^2 /NDF: 456784.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1371.131+/-0.868 χ^2 /NDF: 121981.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

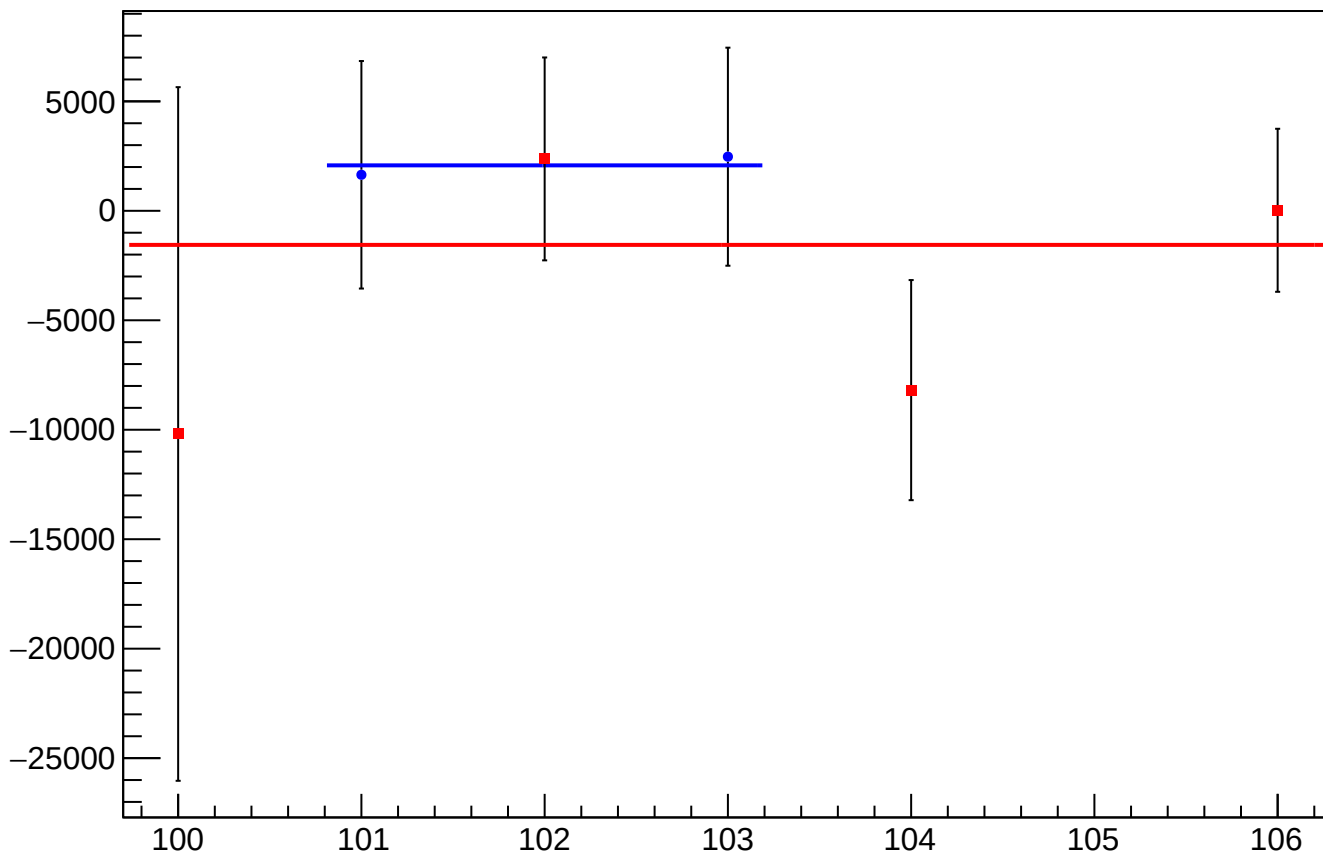
Right: 1397.045+/-0.659 χ^2 /NDF: 580863.1/5

In: 1432.145+/-1.011 χ^2 /NDF:456784.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1397.045+/-0.659 χ^2 /NDF: 580863.1/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1556.408+/-2482.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

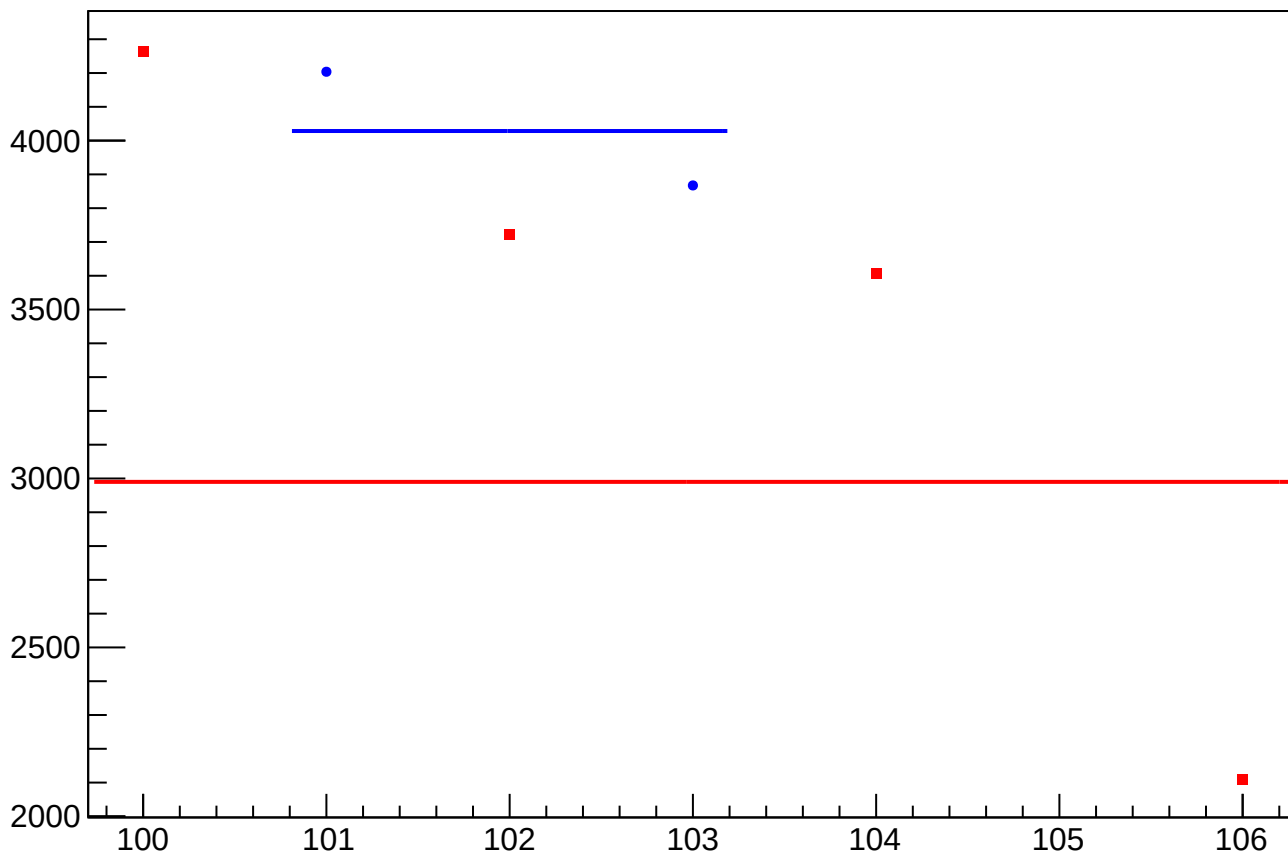
Right: -383.659+/-2042.812 χ^2/NDF : 3.6/5

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -383.659+/-2042.812 χ^2/NDF : 3.6/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2989.980+/-1.755 χ^2/NDF : 205377.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

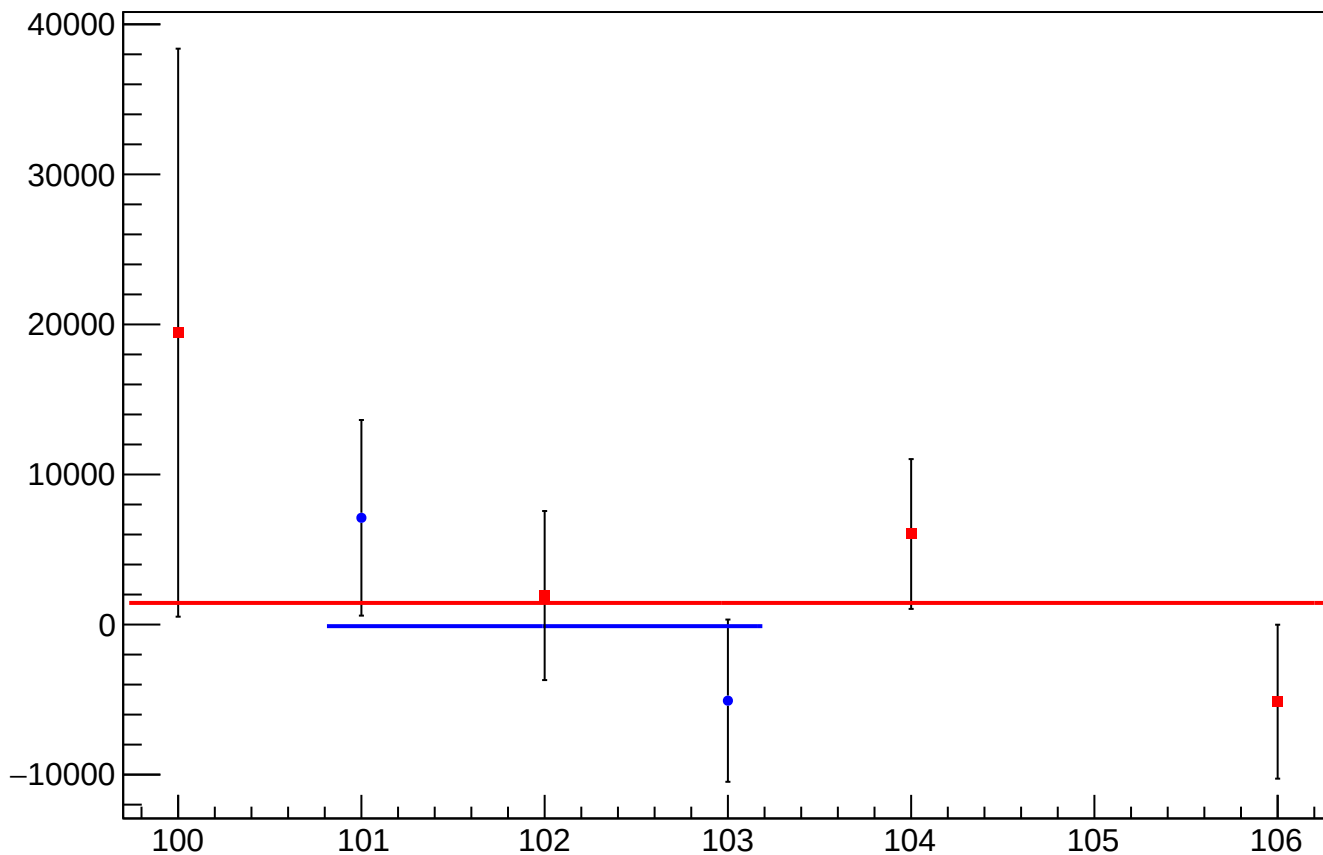
Right: 3325.205+/-1.444 χ^2/NDF : 322721.3/5

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3325.205+/-1.444 χ^2/NDF : 322721.3/5

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1441.510+/-2982.130 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

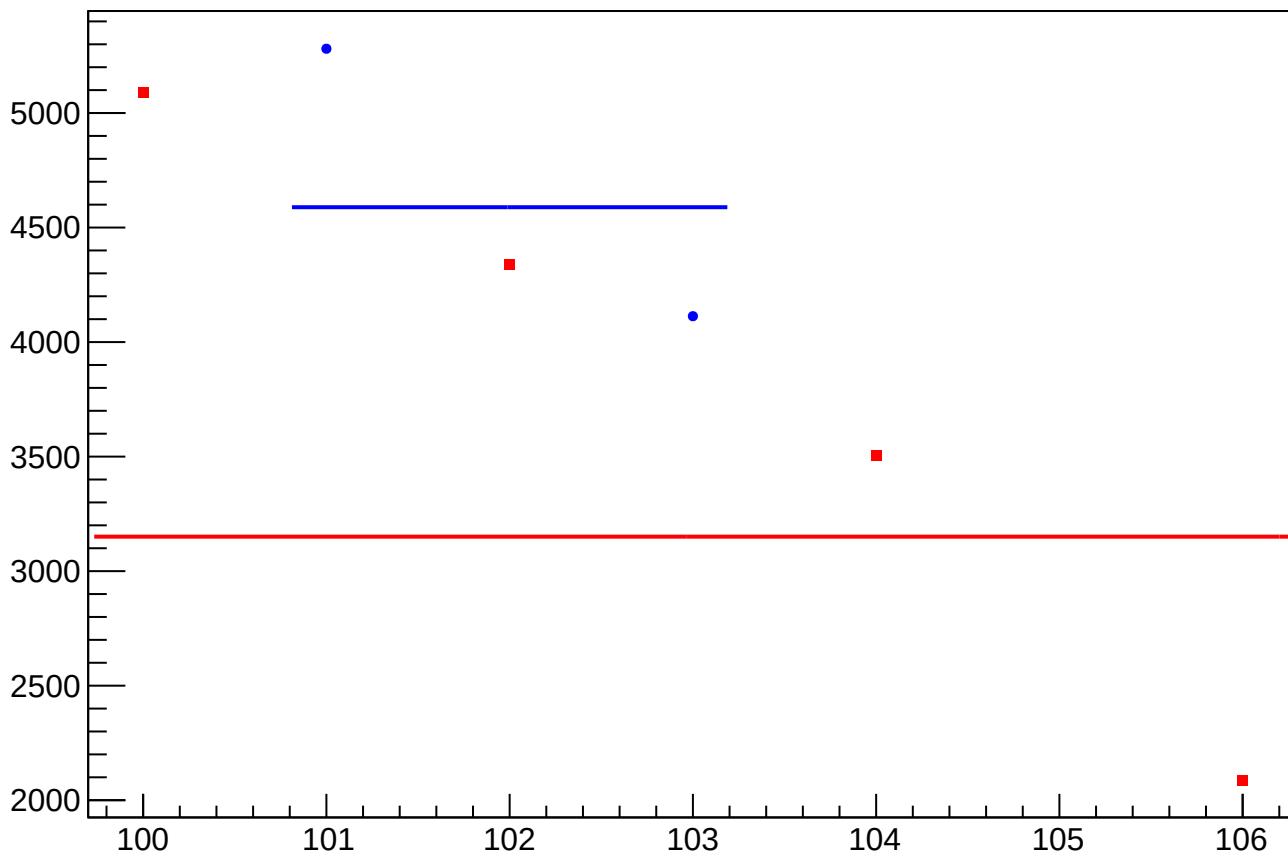
Right: 916.187+/-2423.880 χ^2/NDF : 5.6/5

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.187+/-2423.880 χ^2/NDF : 5.6/5

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3150.600+/-1.976 χ^2/NDF : 240758.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

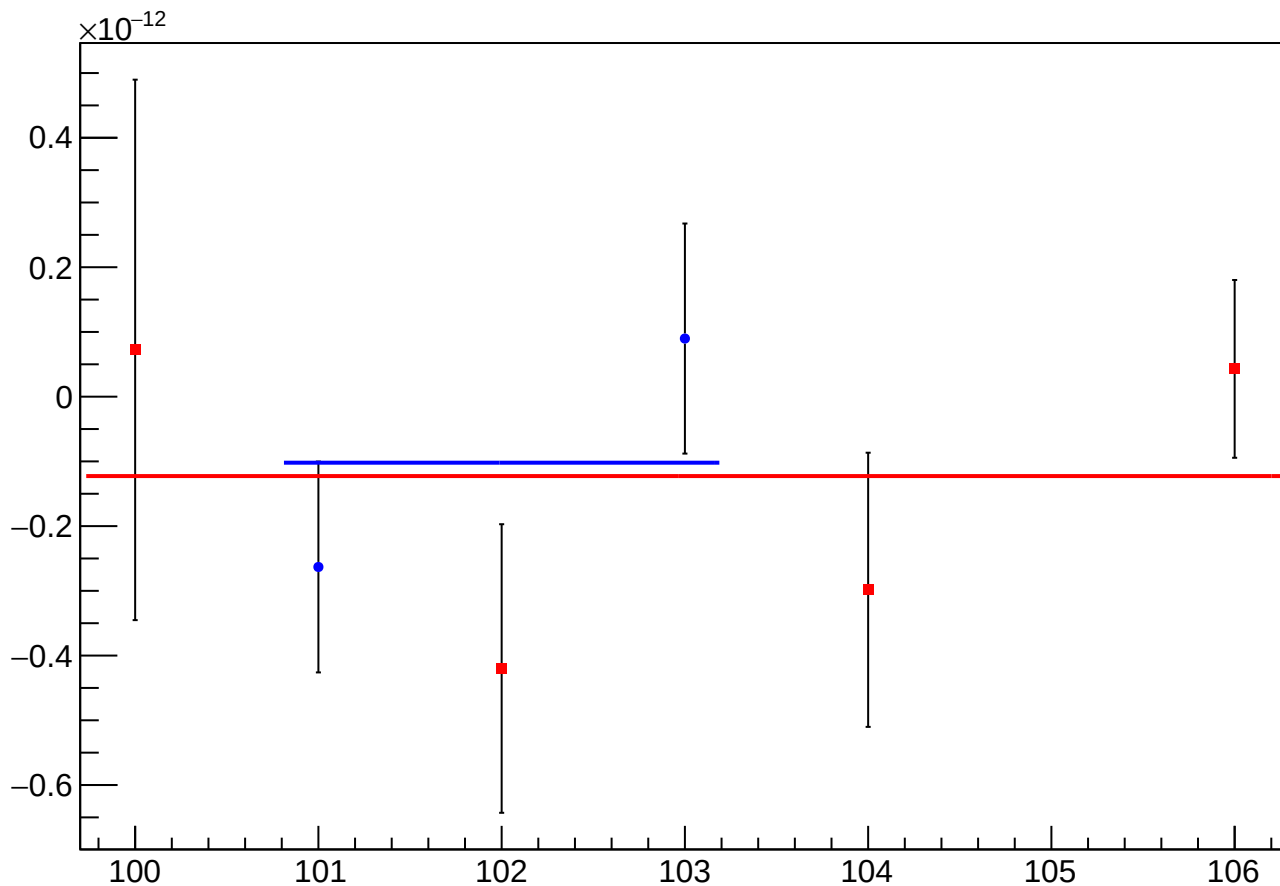
Right: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3597.739+/-1.640 χ^2/NDF : 443467.8/5

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

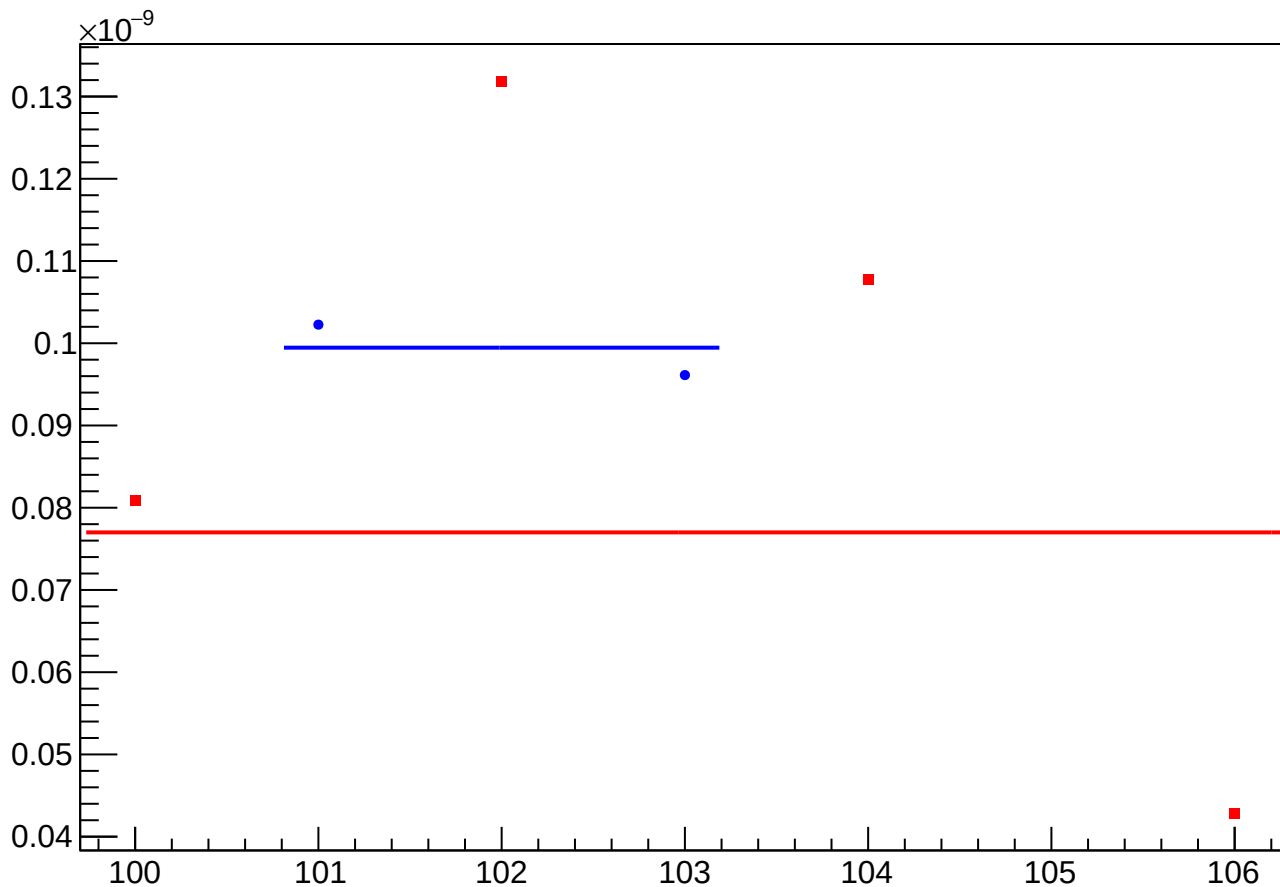
Right: -0.000+/-0.000 χ^2/NDF : 6.3/5

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/5

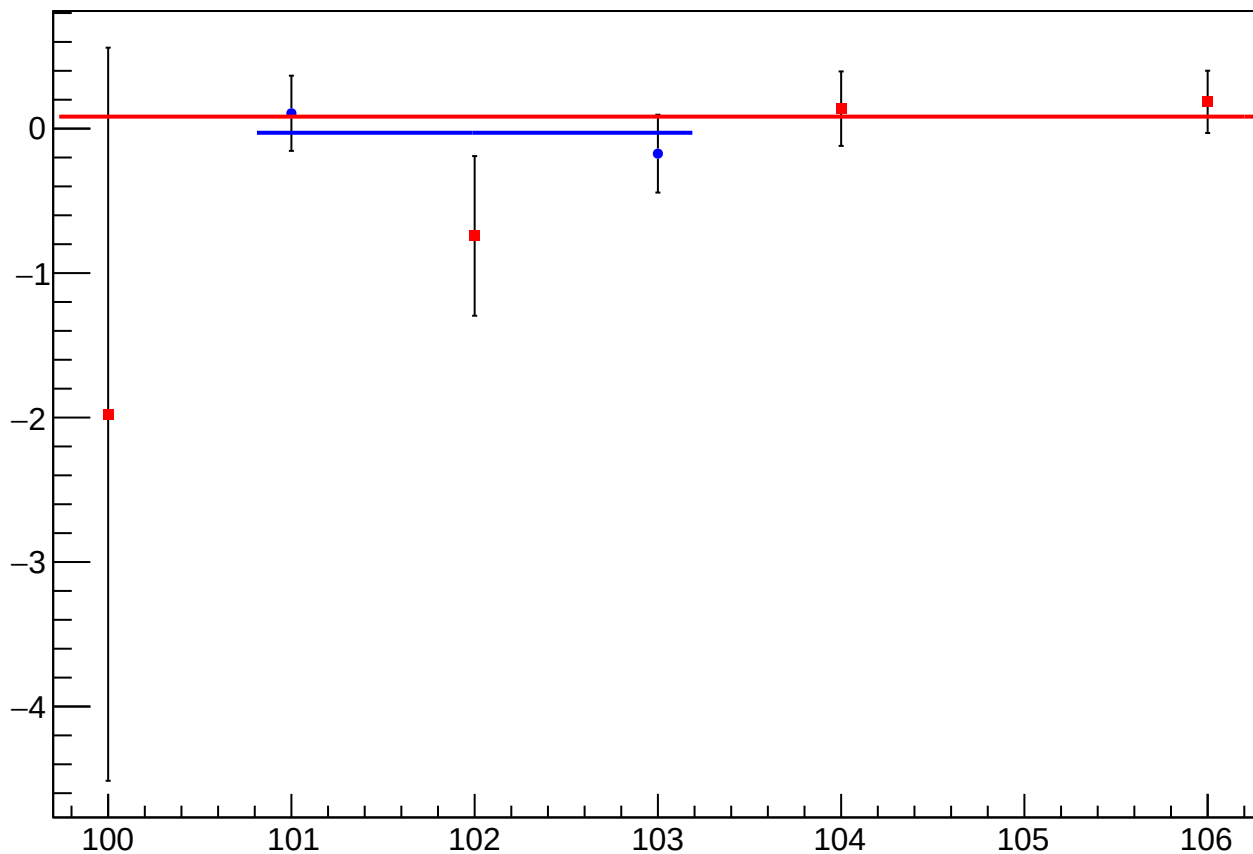
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 1293.7/1
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 286464.7/3
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 329279.9/5
 In: 0.000+/-0.000 χ^2 /NDF:1293.7/1
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 329279.9/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.083+/-0.158 χ^2 /NDF: 3.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

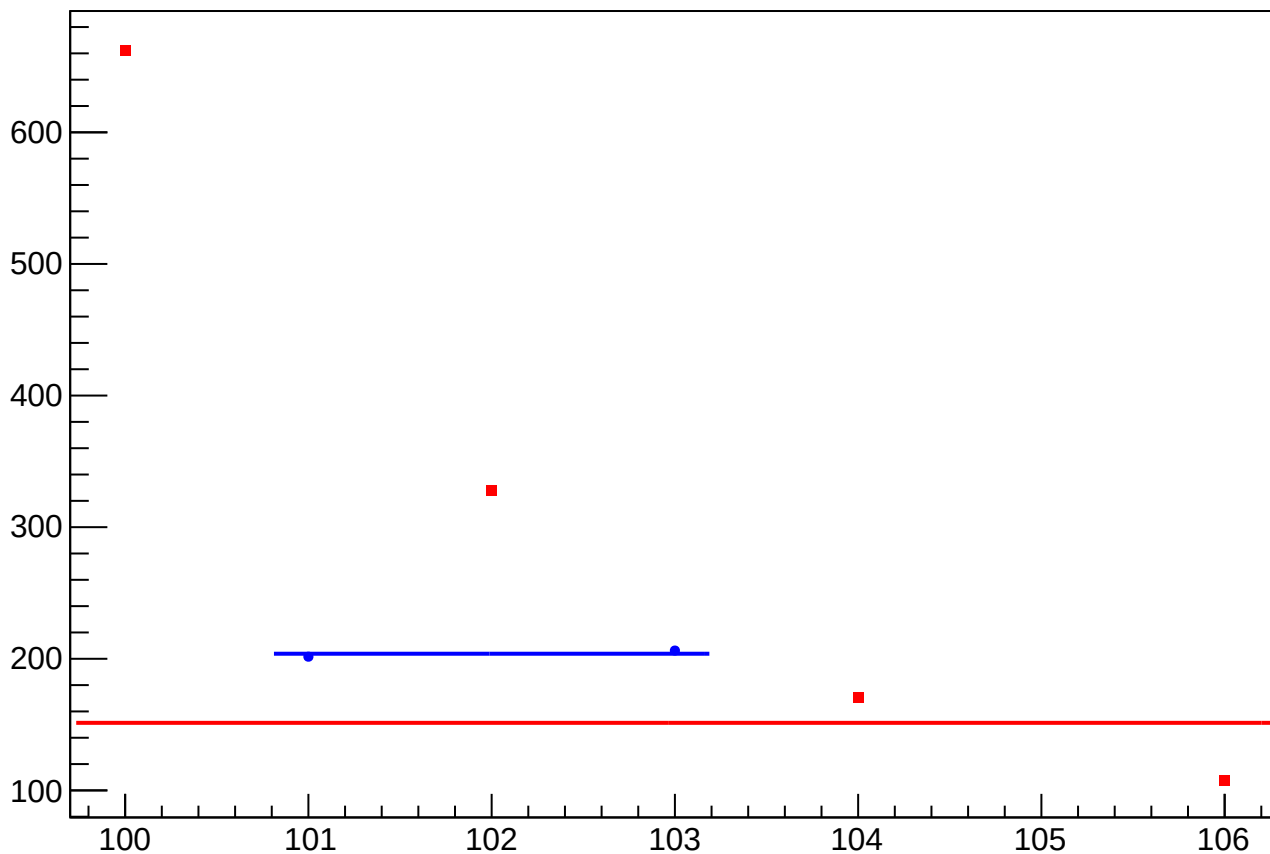
Right: 0.036+/-0.121 χ^2 /NDF: 3.9/5

In: -0.029+/-0.187 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.036+/-0.121 χ^2 /NDF: 3.9/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 $\pm$ 0.132 χ^2 /NDF: 308.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.332 $\pm$ 0.112 χ^2 /NDF: 379480.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

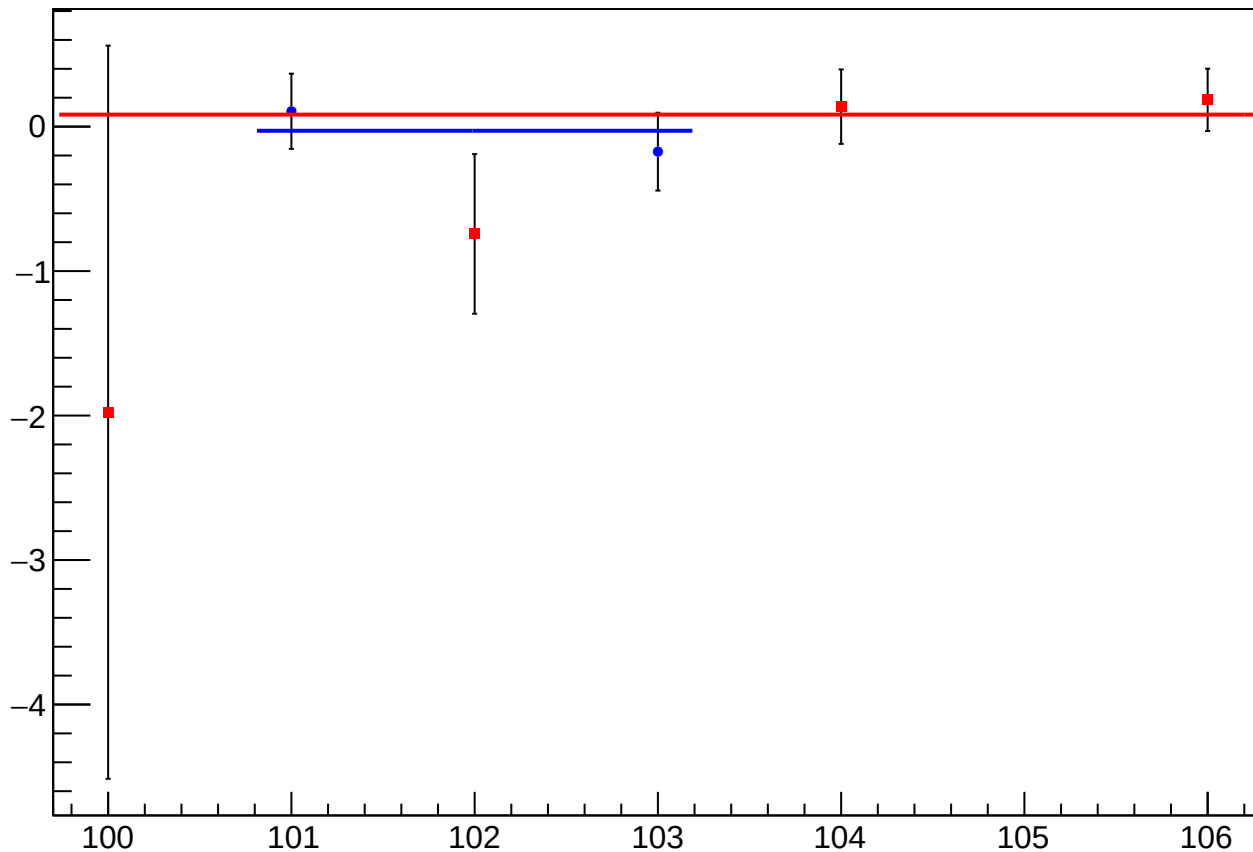
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471649.8/5

In: 203.843 $\pm$ 0.132 χ^2 /NDF:308.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471649.8/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

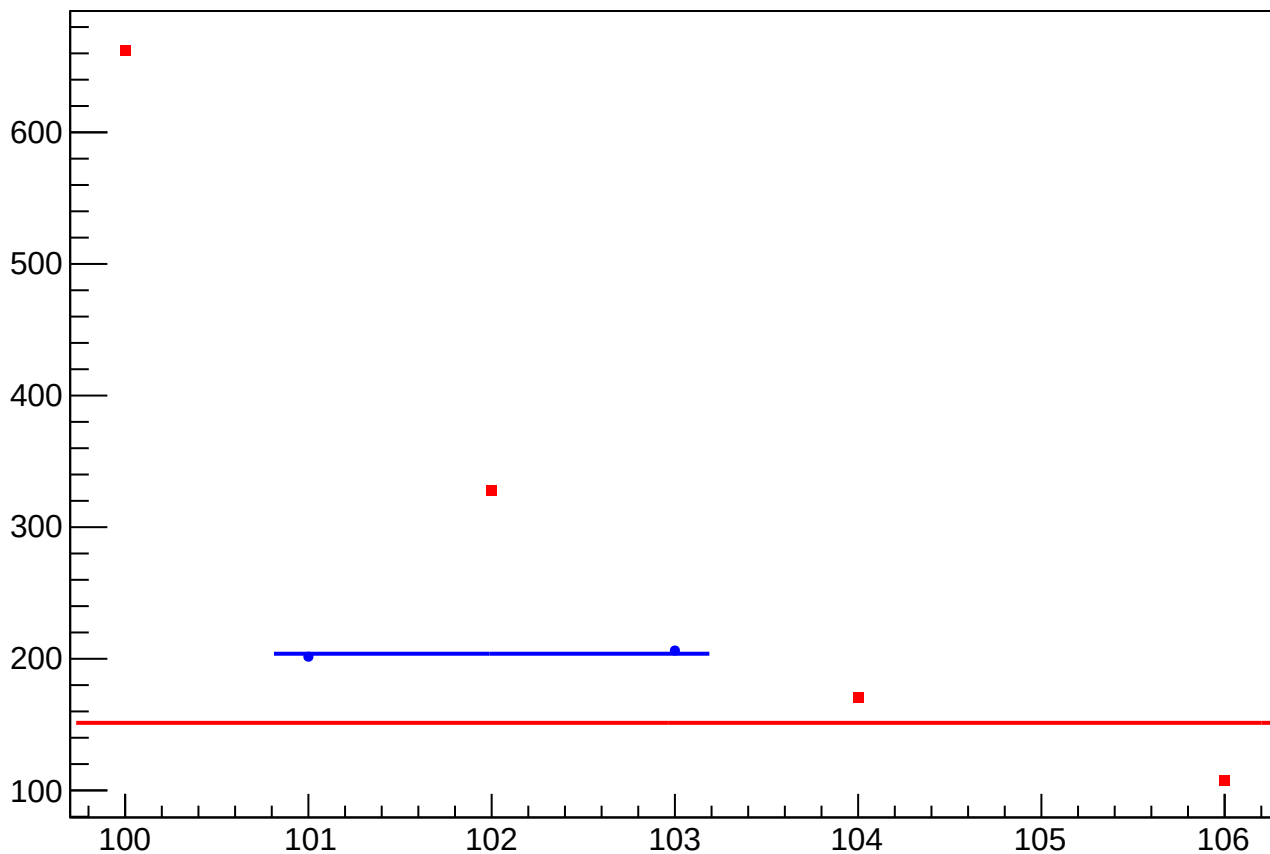
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843 ± 0.132 χ^2/NDF : 308.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 151.332 ± 0.112 χ^2/NDF : 379480.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

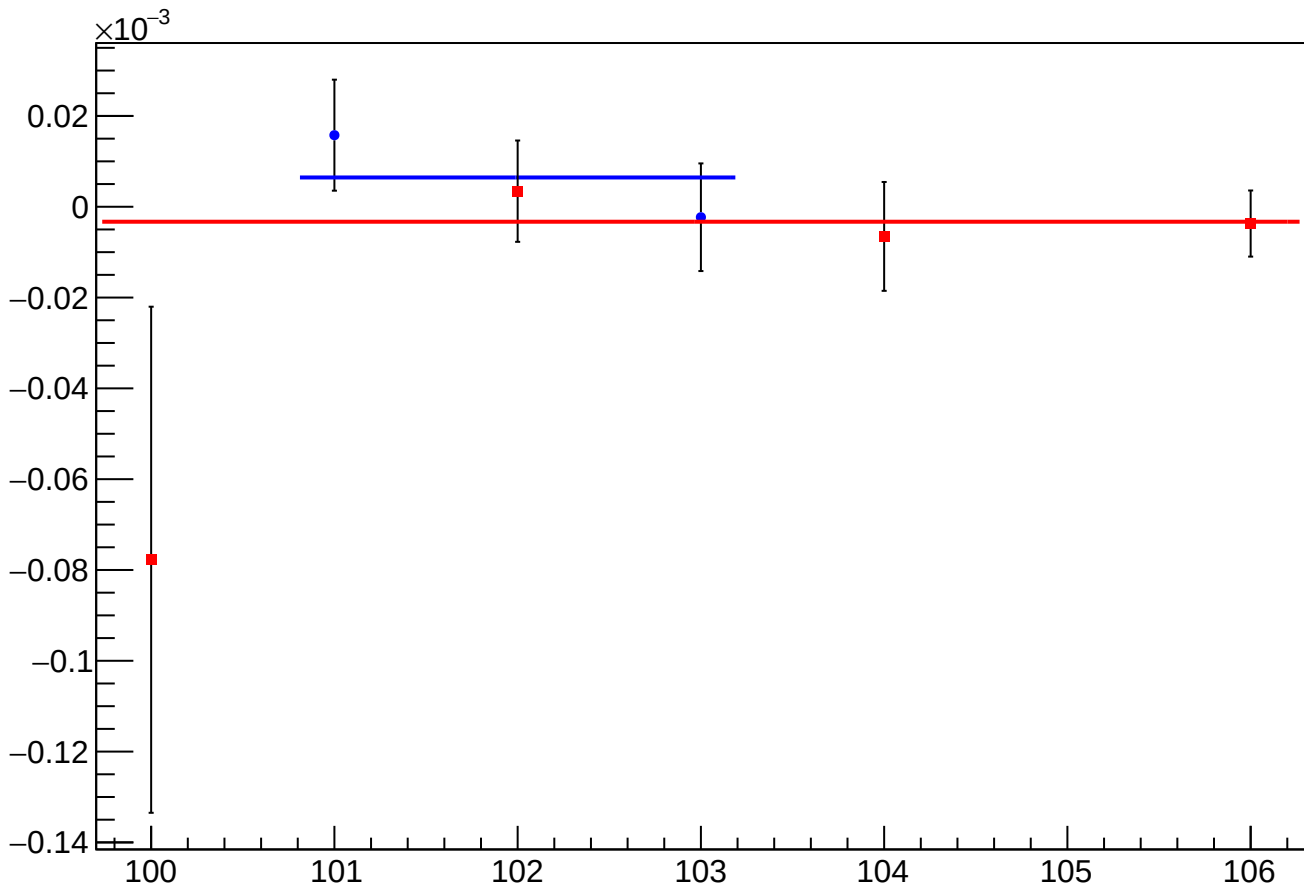
Right: 173.202 ± 0.085 χ^2/NDF : 471649.8/5

In: 203.843 ± 0.132 χ^2/NDF : 308.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 173.202 ± 0.085 χ^2/NDF : 471649.8/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

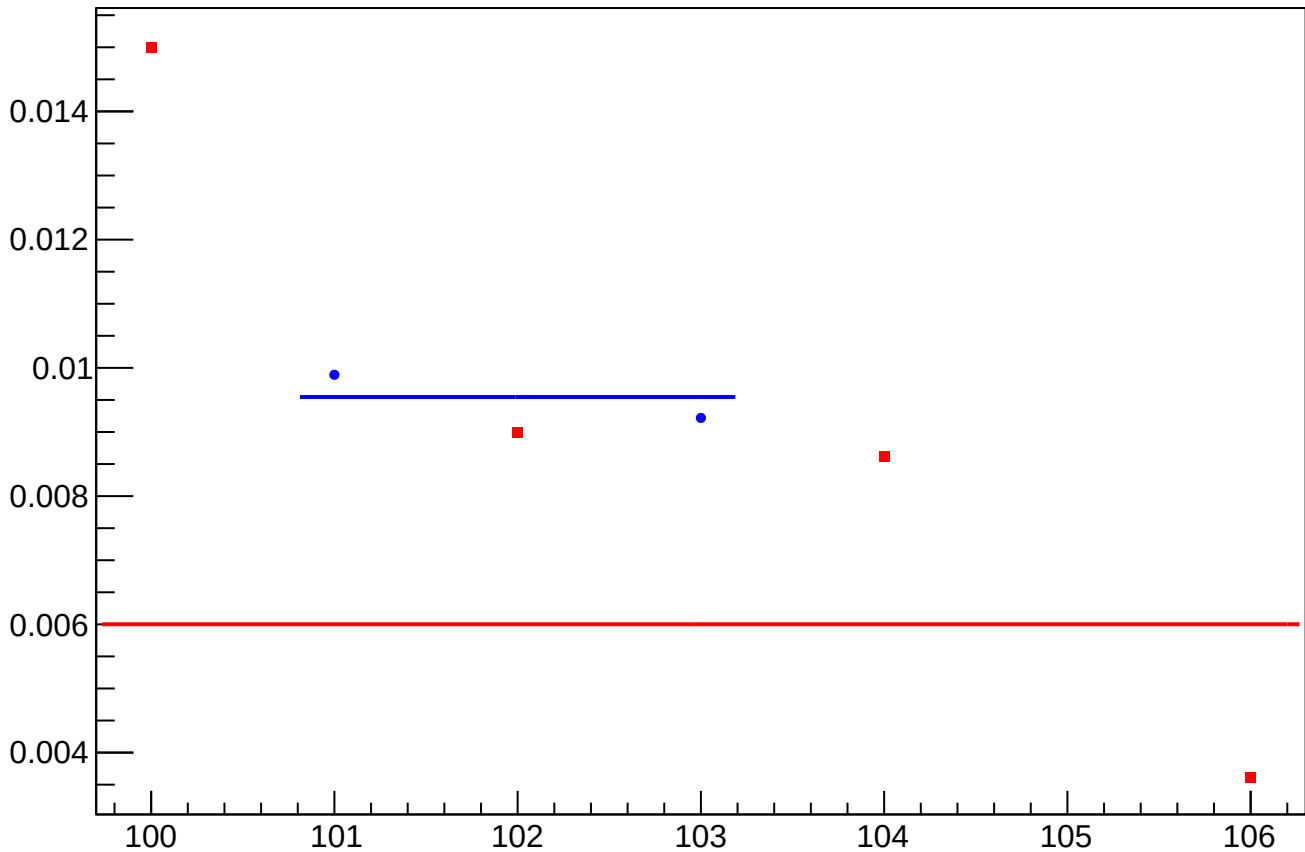
Right: -0.000+/-0.000 χ^2/NDF : 4.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/5

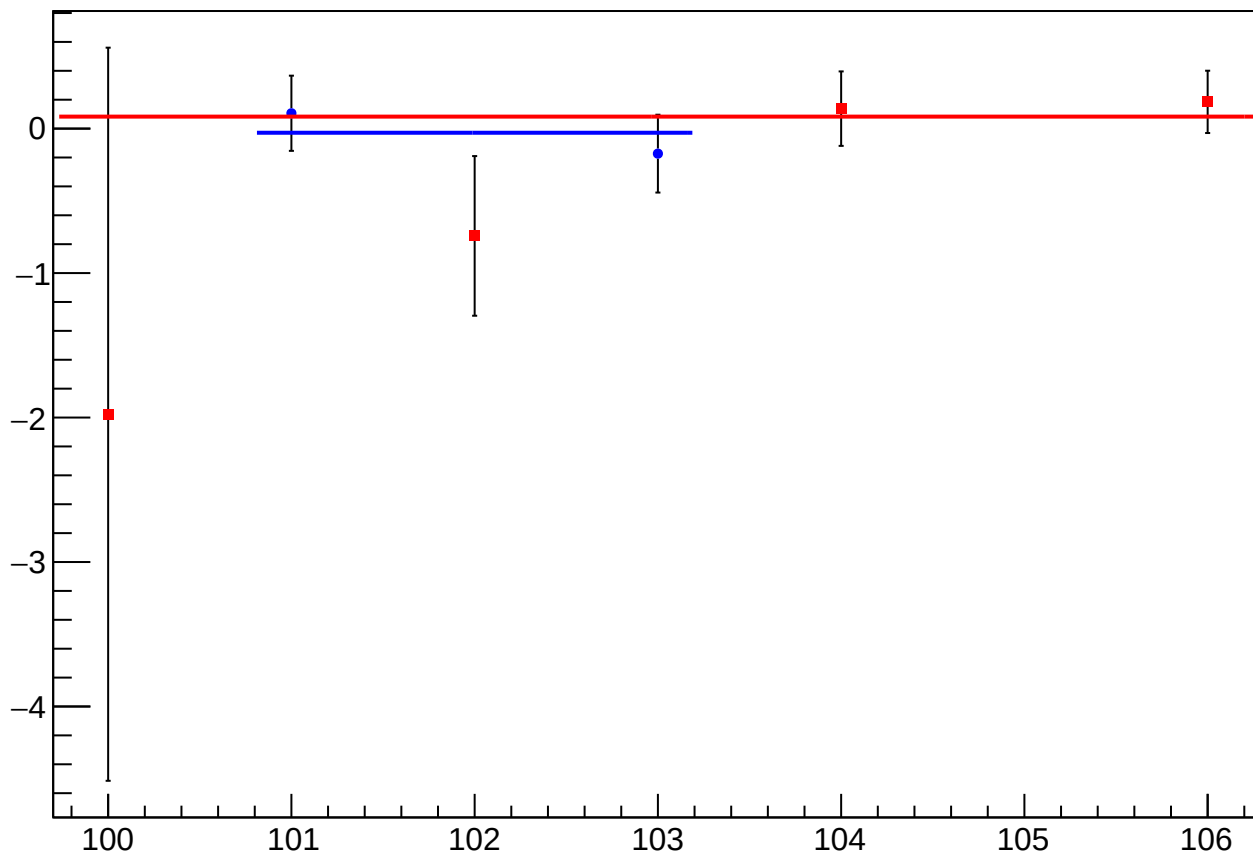
asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 505818.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.007+/-0.000 χ^2/NDF : 756020.8/5
 In: 0.010+/-0.000 χ^2/NDF : 3128.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.007+/-0.000 χ^2/NDF : 756020.8/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.083 $\pm$ 0.158 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

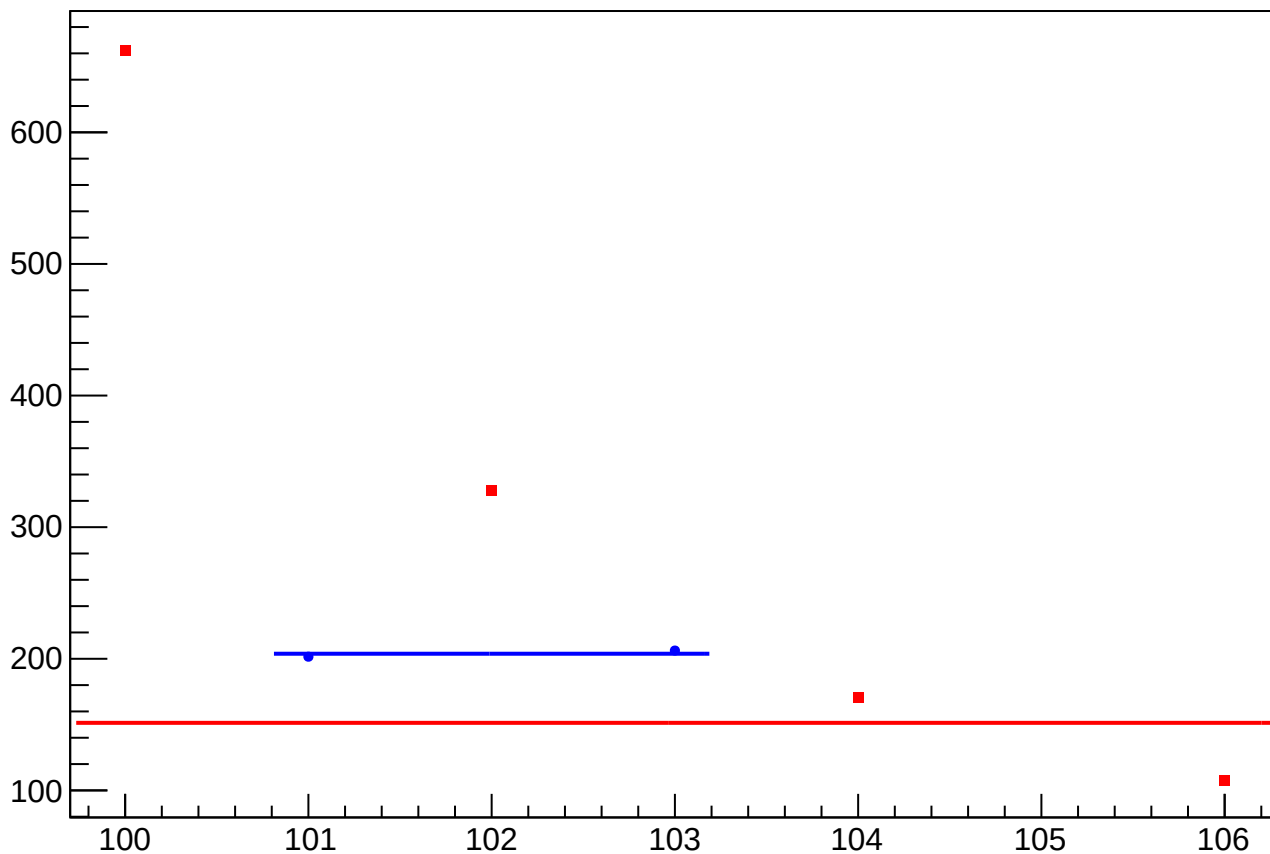
Right: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

In: -0.029 $\pm$ 0.187 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.121 χ^2 /NDF: 3.9/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840 $\pm$ 0.132 χ^2 /NDF: 309.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.333 $\pm$ 0.112 χ^2 /NDF: 379472.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

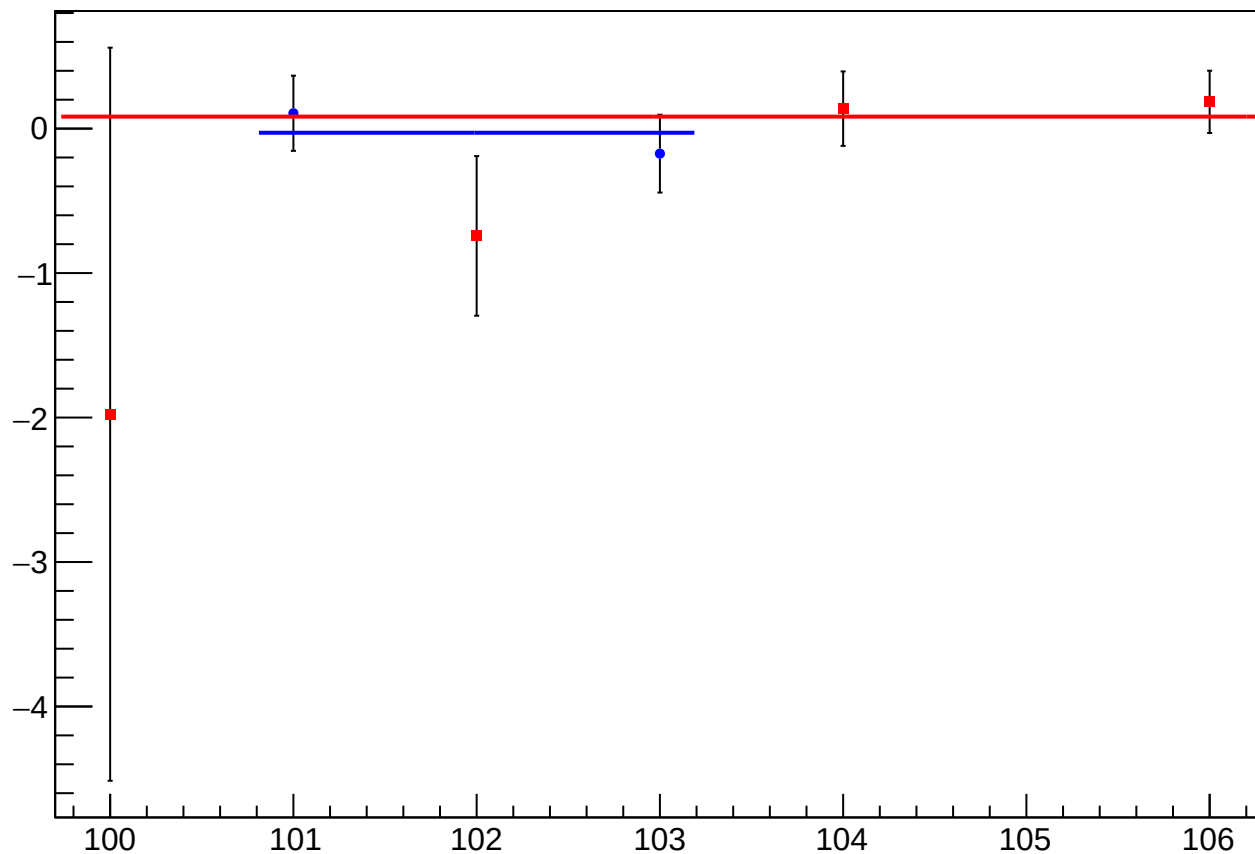
Right: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

In: 203.840 $\pm$ 0.132 χ^2 /NDF:309.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.202 $\pm$ 0.085 χ^2 /NDF: 471631.4/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.083 ± 0.158 $\chi^2/\text{NDF}: 3.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

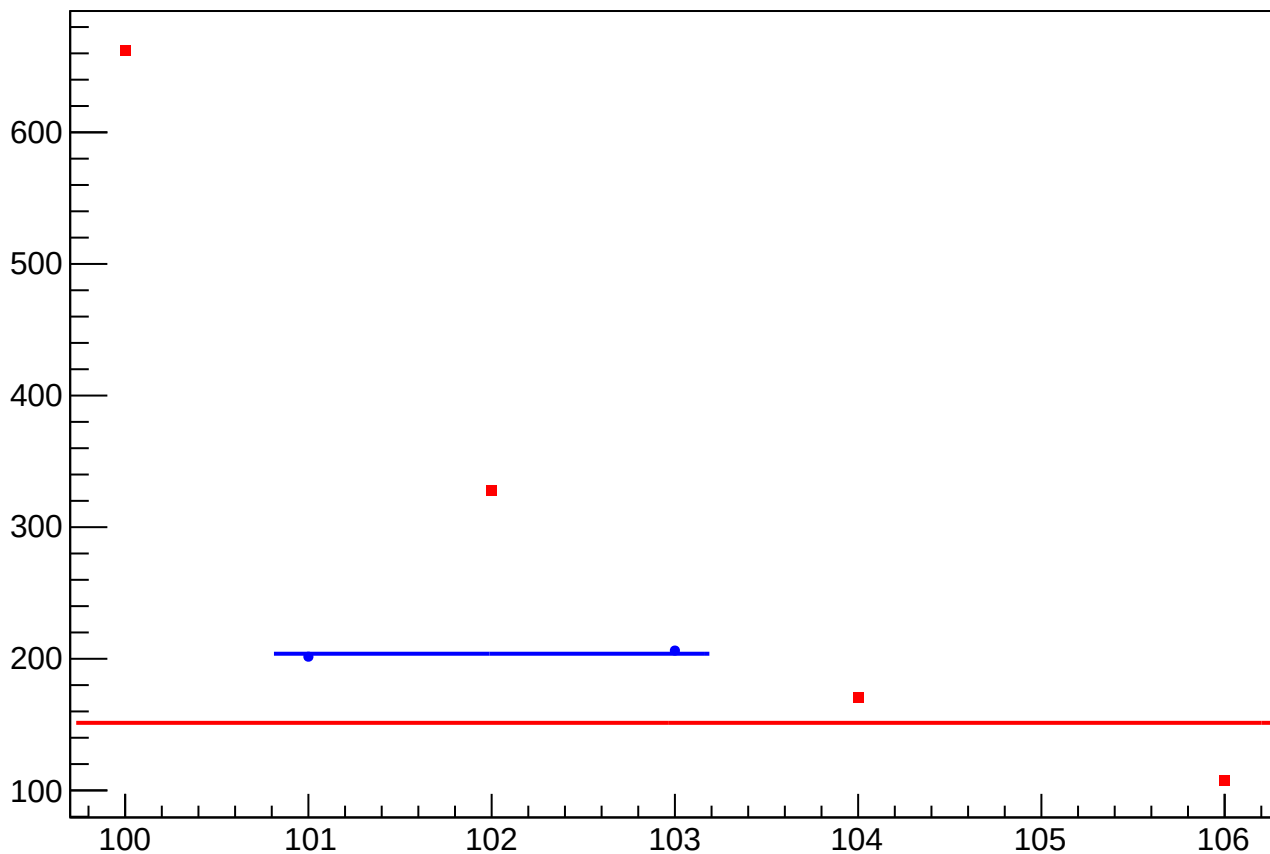
Right: 0.036 ± 0.121 $\chi^2/\text{NDF}: 3.9/5$

In: -0.029 ± 0.187 $\chi^2/\text{NDF}: 0.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.036 ± 0.121 $\chi^2/\text{NDF}: 3.9/5$

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.333+/-0.112 χ^2/NDF : 379472.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

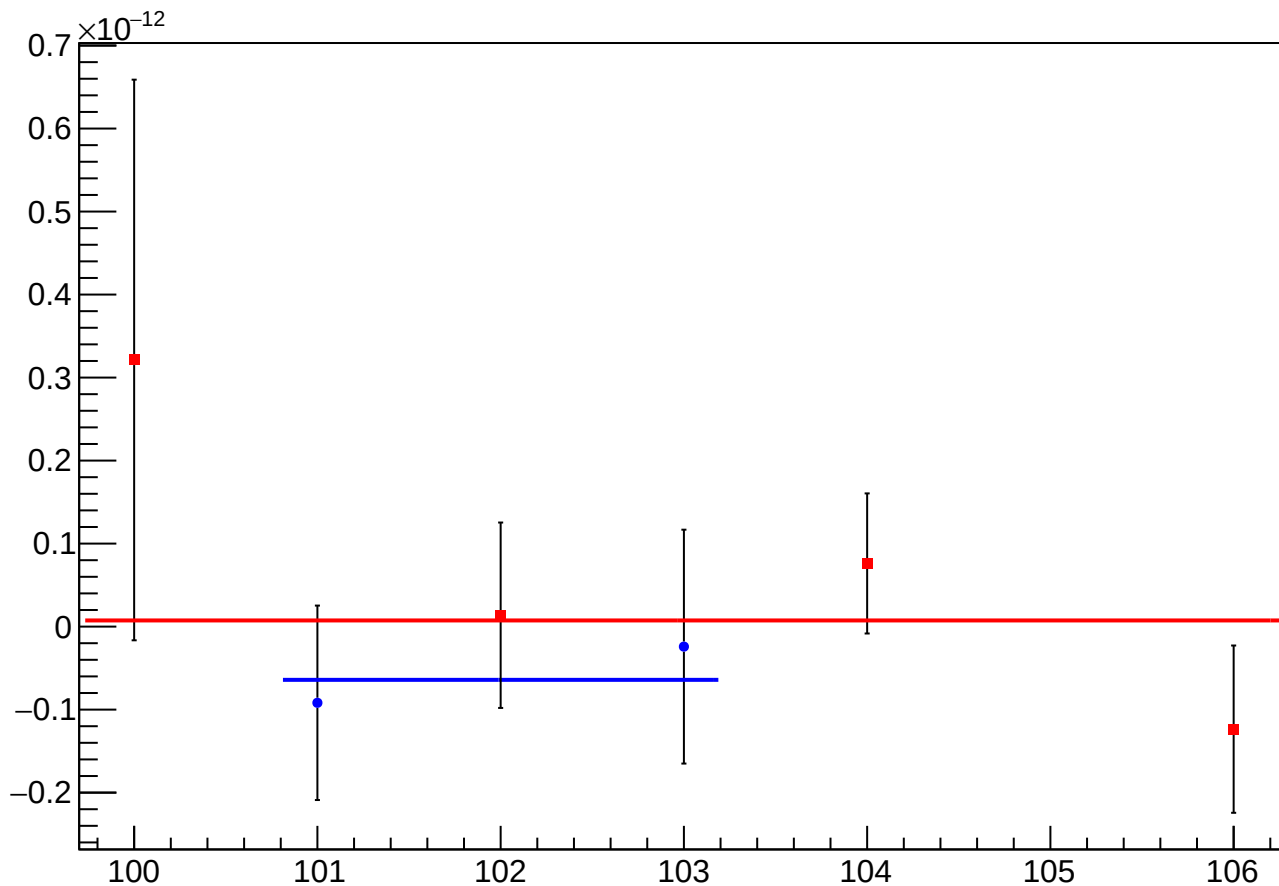
Right: 173.202+/-0.085 χ^2/NDF : 471631.4/5

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.202+/-0.085 χ^2/NDF : 471631.4/5

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

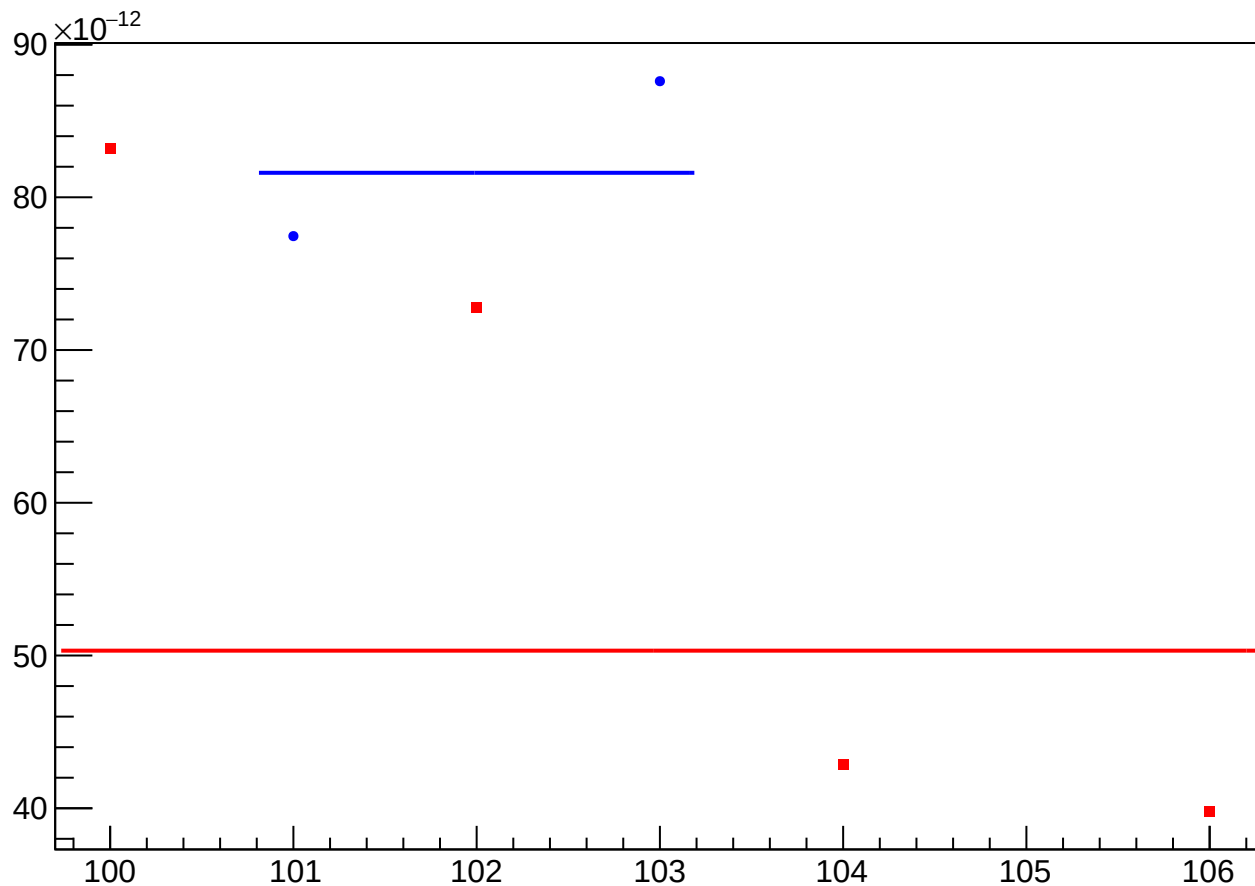
Right: -0.000+/-0.000 χ^2 /NDF: 3.8/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.8/5

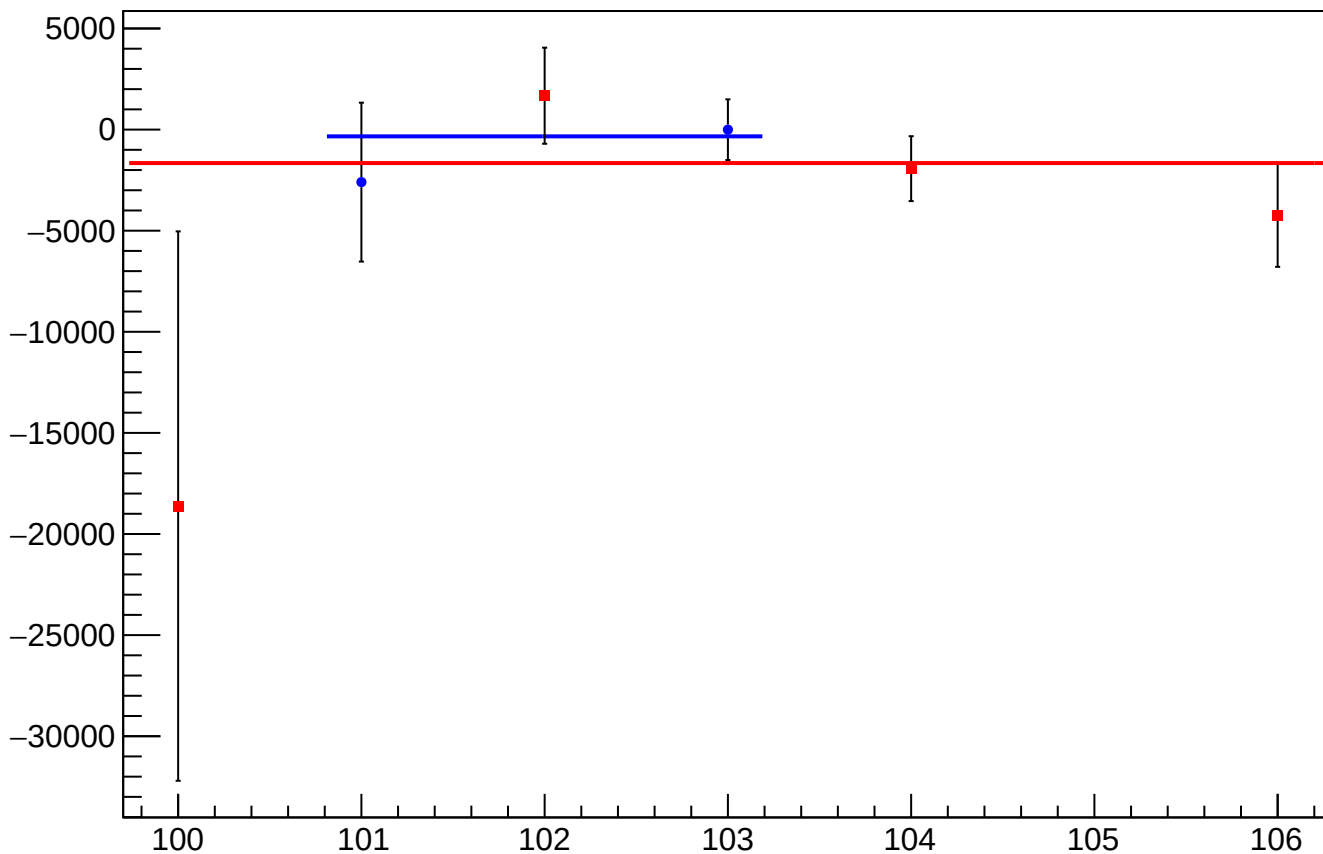
asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 137423.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 318939.7/5
 In: 0.000+/-0.000 χ^2/NDF : 6129.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 318939.7/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1655.318+/-1176.026 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

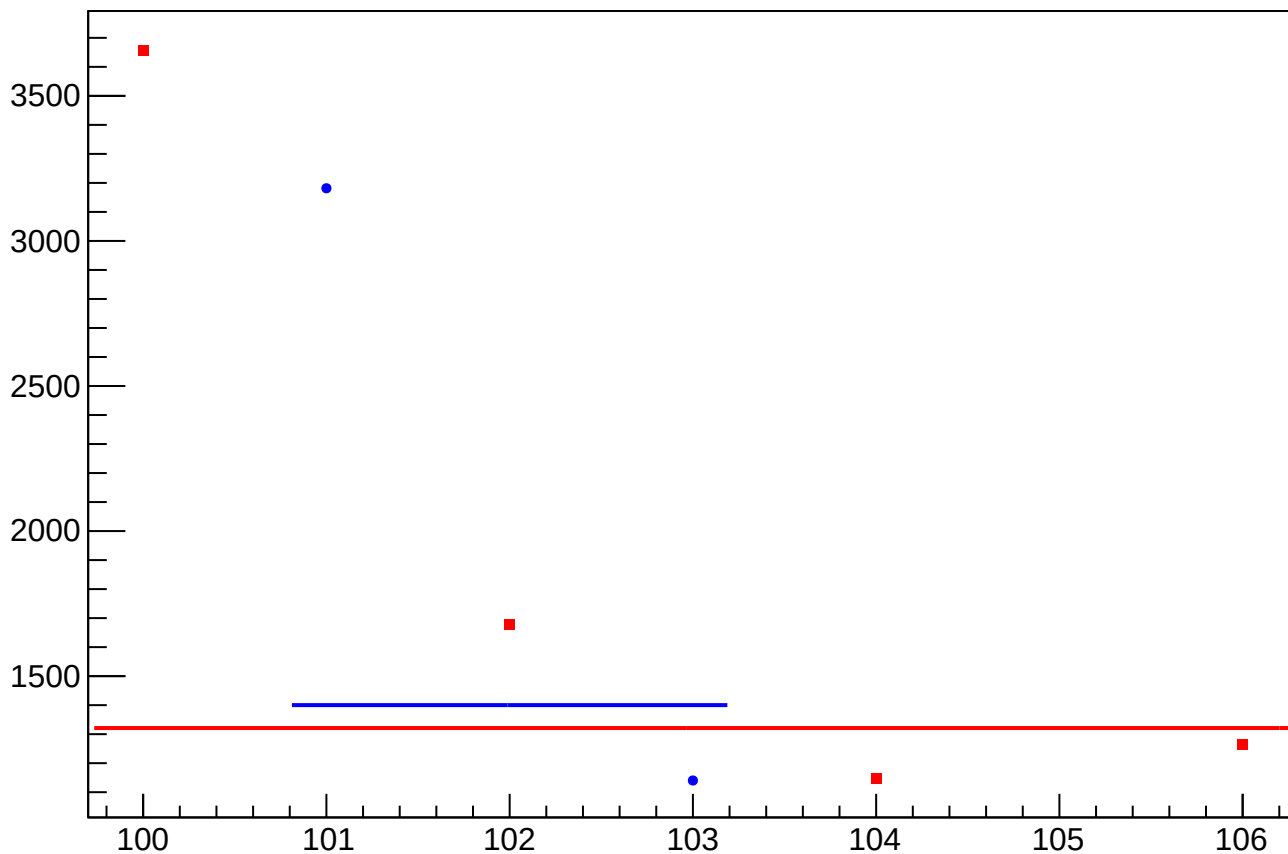
Right: -1109.430+/-900.891 χ^2/NDF : 5.5/5

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1109.430+/-900.891 χ^2/NDF : 5.5/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1321.088+/-0.832 χ^2/NDF : 127964.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

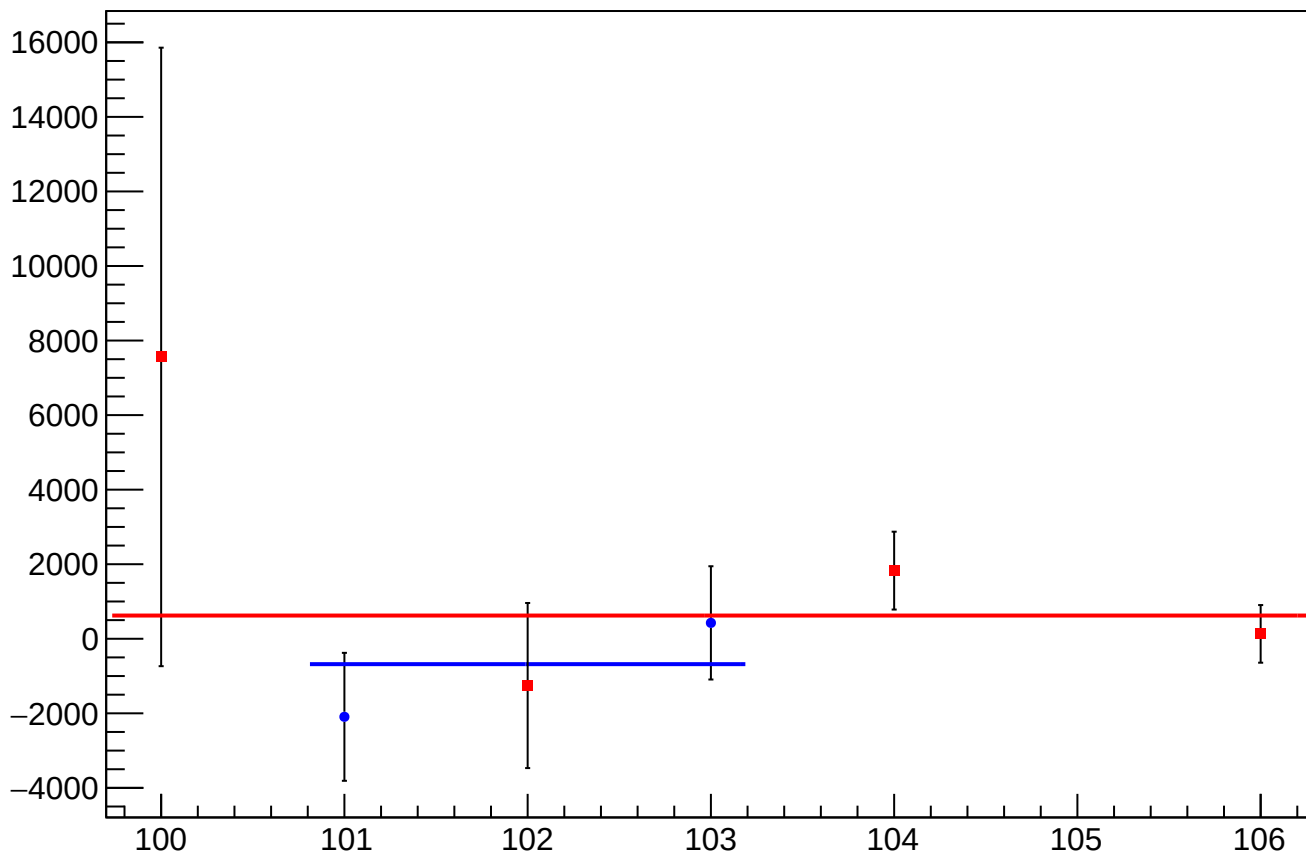
Right: 1353.739+/-0.637 χ^2/NDF : 602901.4/5

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.739+/-0.637 χ^2/NDF : 602901.4/5

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.013+/-596.753 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

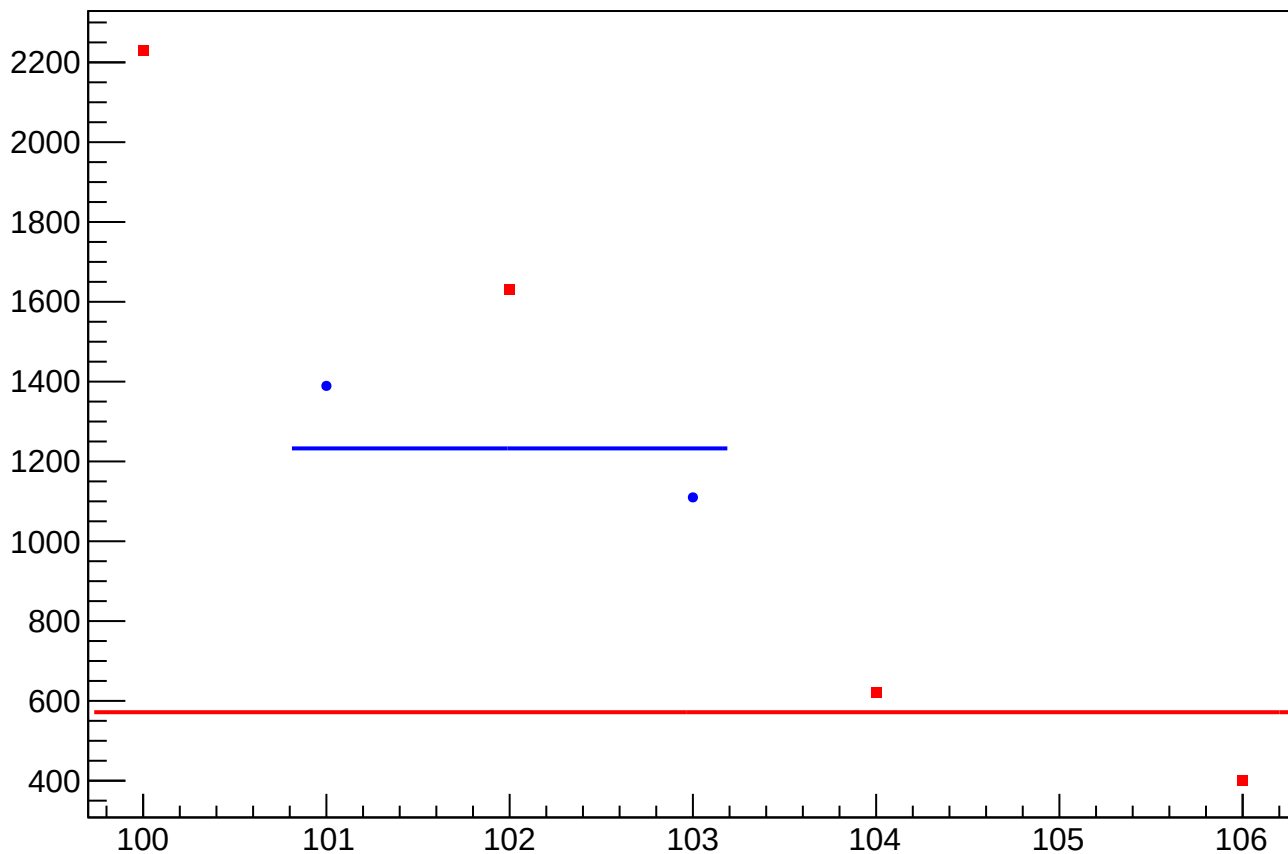
Right: 341.584+/-528.449 χ^2/NDF : 5.4/5

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.584+/-528.449 χ^2/NDF : 5.4/5

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.629+/-0.422 χ^2/NDF : 640811.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

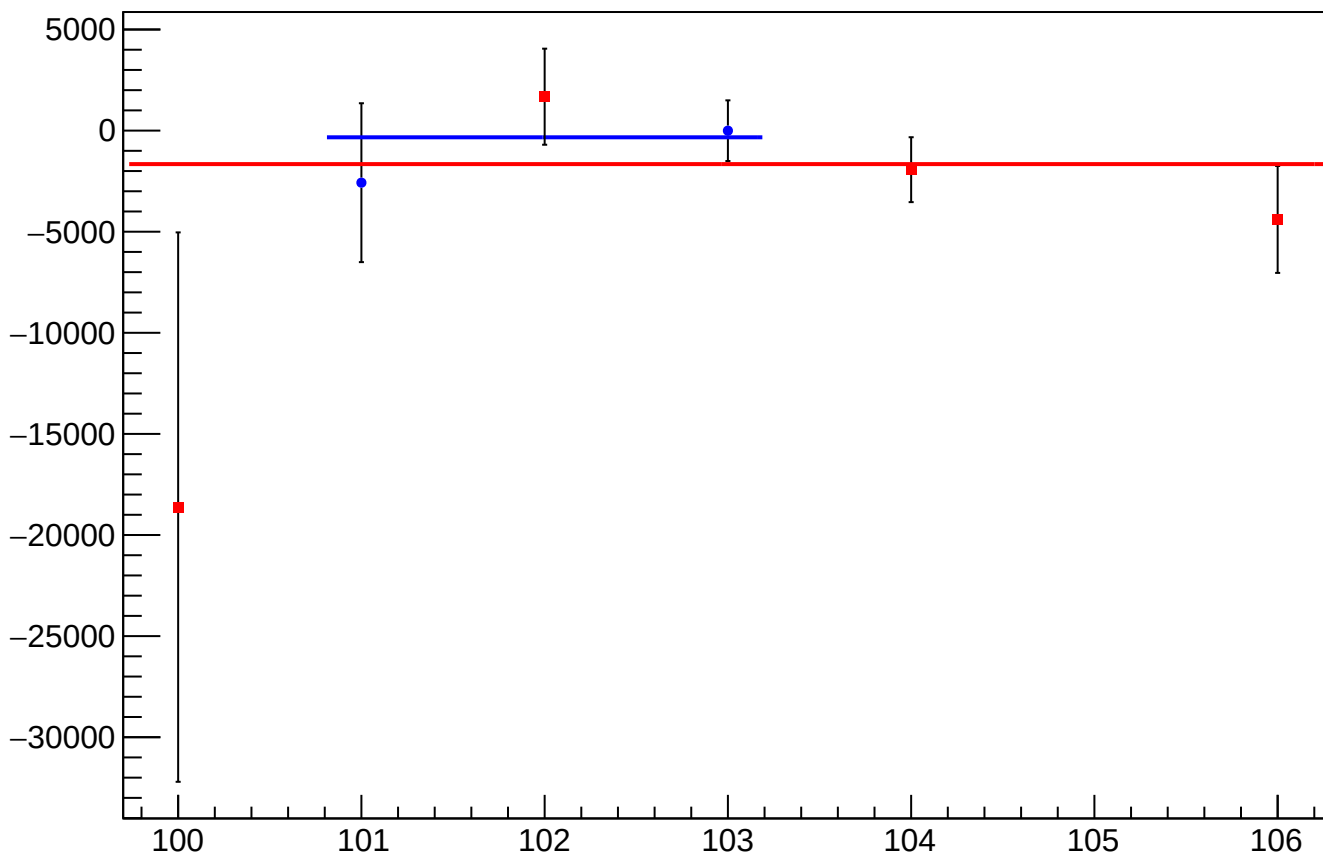
Right: 714.295+/-0.374 χ^2/NDF : 1200189.5/5

In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.295+/-0.374 χ^2/NDF : 1200189.5/5

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1656.483+/-1183.502 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

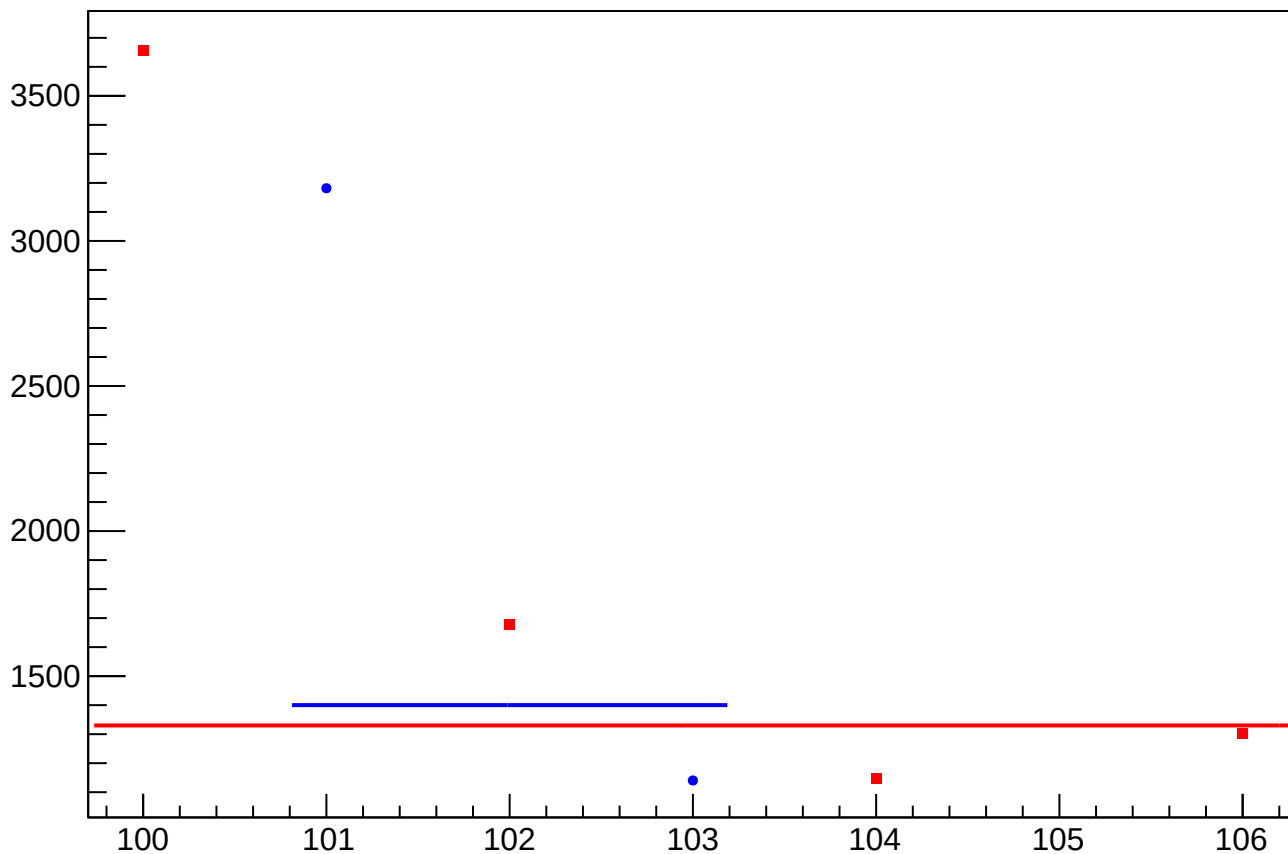
Right: -1104.840+/-904.239 χ^2/NDF : 5.5/5

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.840+/-904.239 χ^2/NDF : 5.5/5

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.001+/-0.837 χ^2/NDF : 126911.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

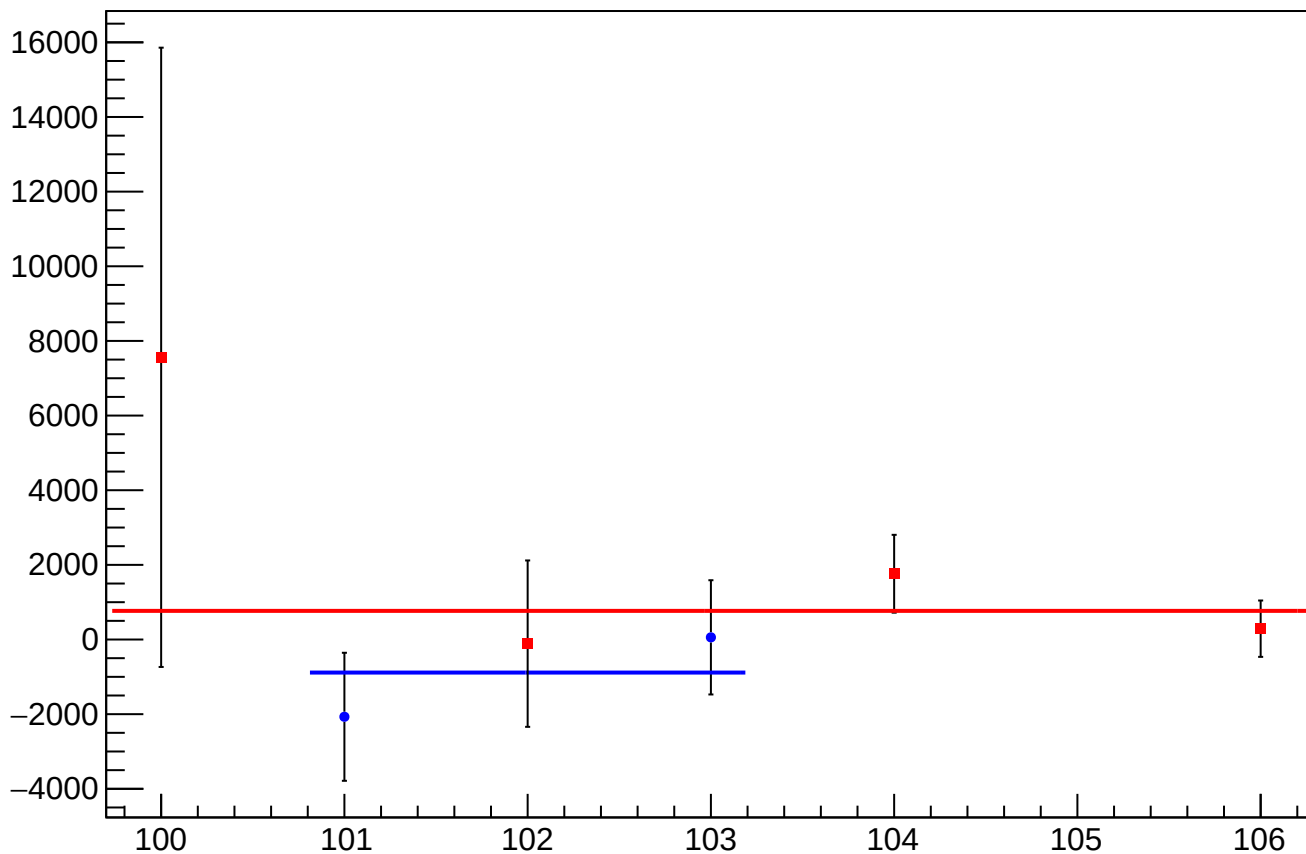
Right: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.392+/-588.151 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

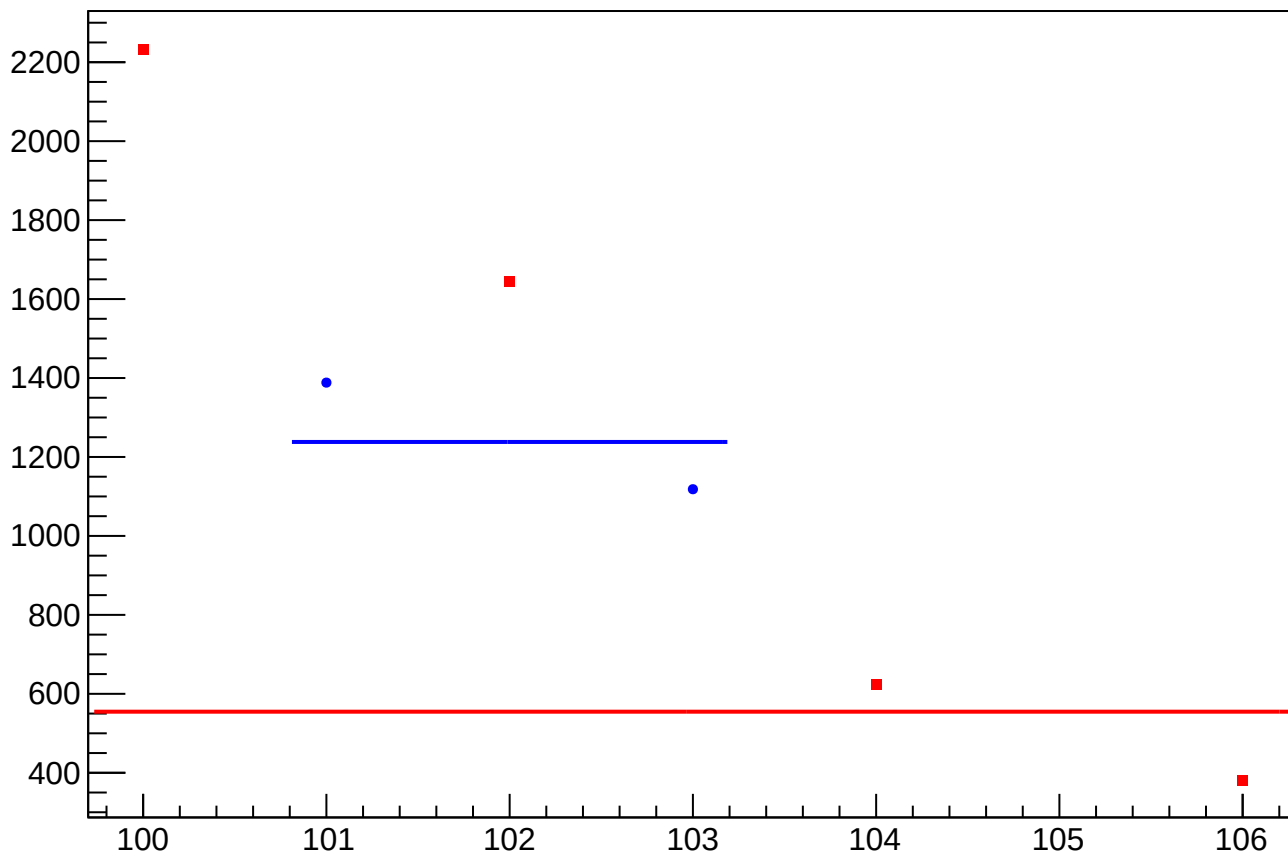
Right: 420.854+/-522.867 χ^2/NDF : 4.6/5

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.854+/-522.867 χ^2/NDF : 4.6/5

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.774+/-0.416 χ^2/NDF : 675763.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

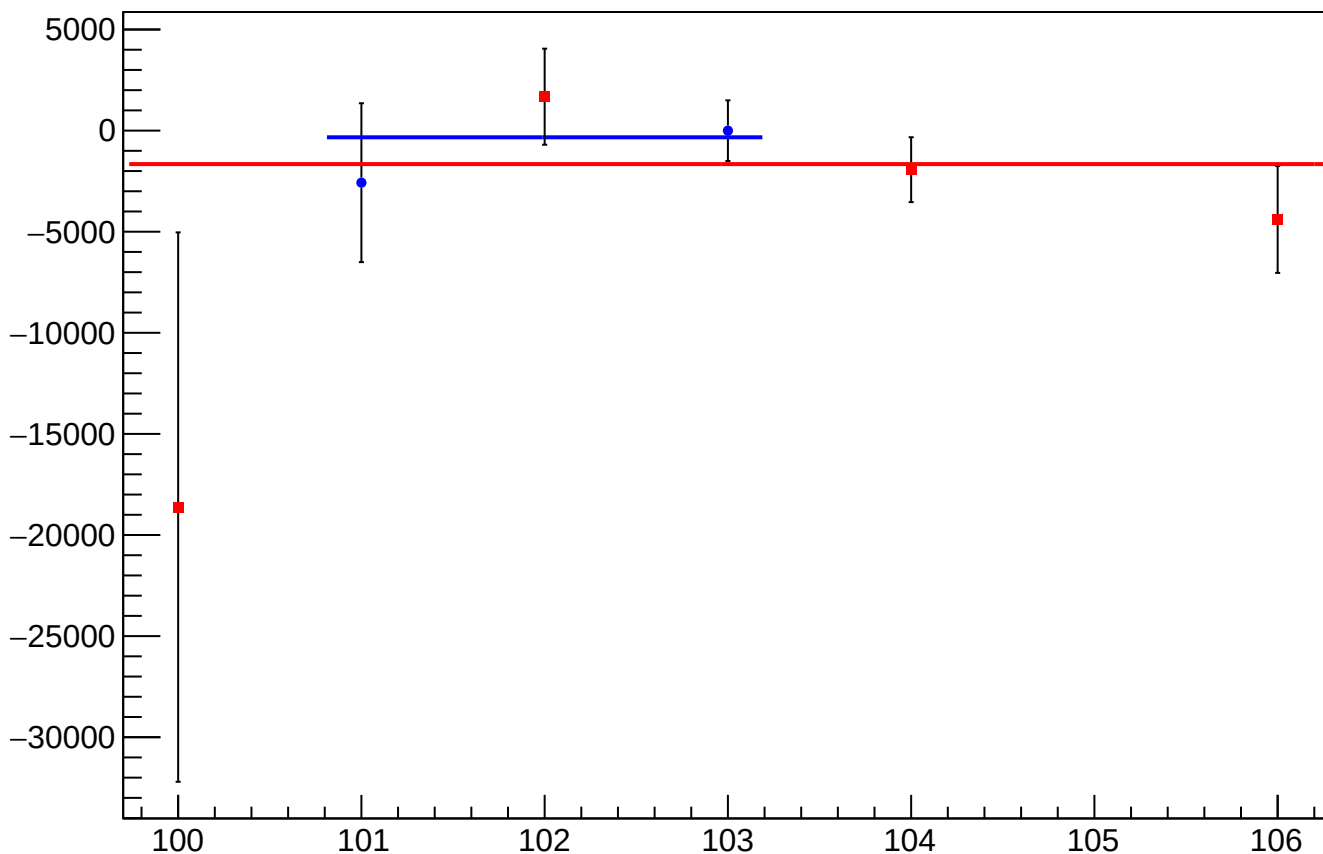
Right: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1656.483+/-1183.502 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

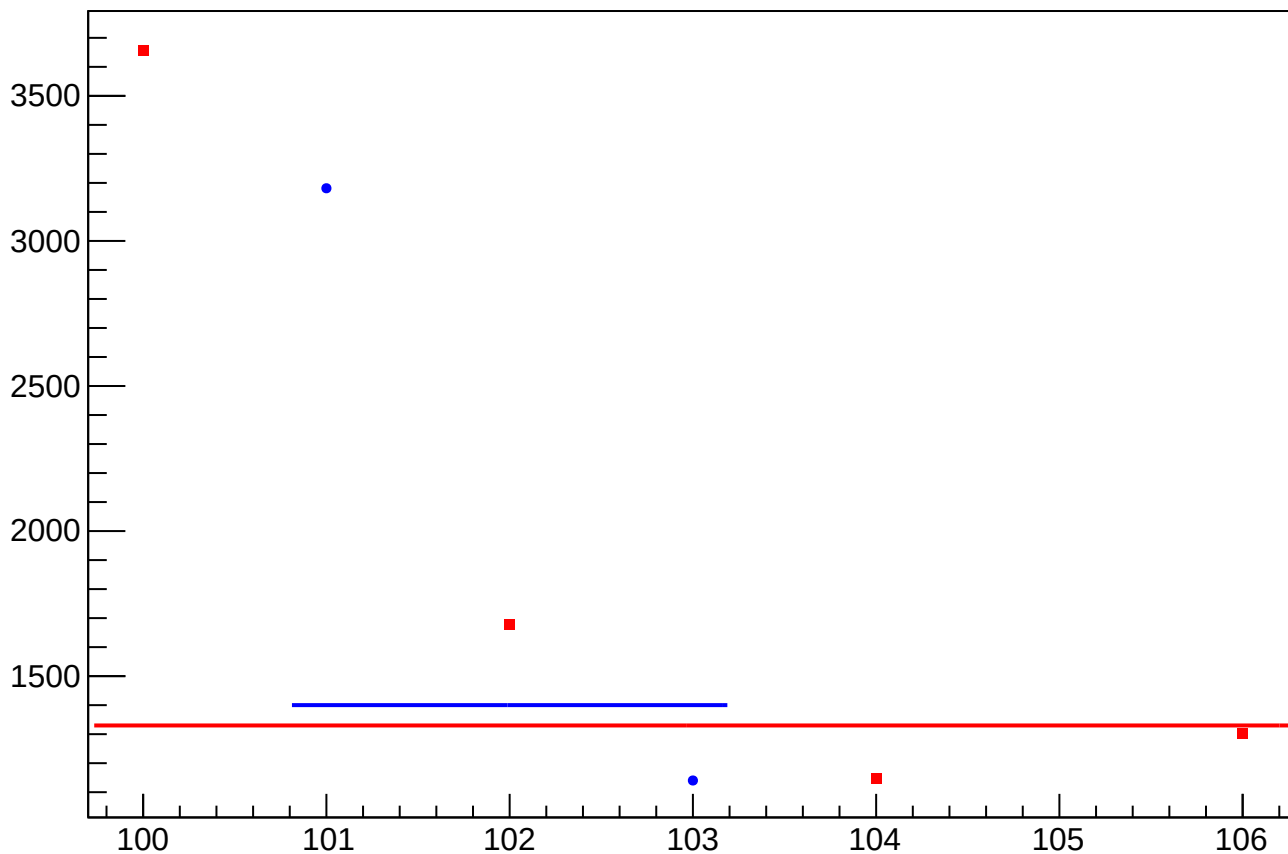
Right: -1104.840+/-904.239 χ^2/NDF : 5.5/5

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1104.840+/-904.239 χ^2/NDF : 5.5/5

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.001+/-0.837 χ^2/NDF : 126911.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

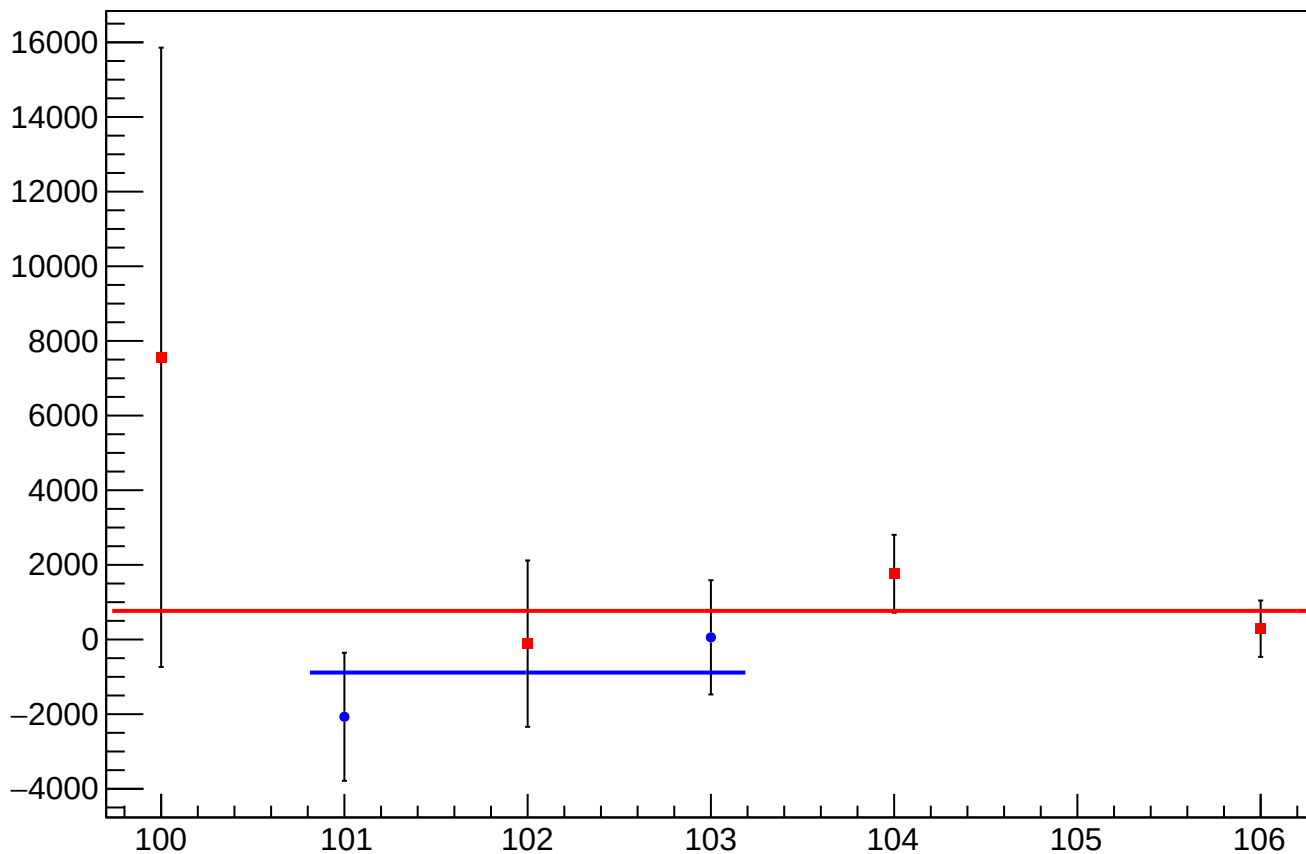
Right: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.185+/-0.639 χ^2/NDF : 601040.7/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.392+/-588.151 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

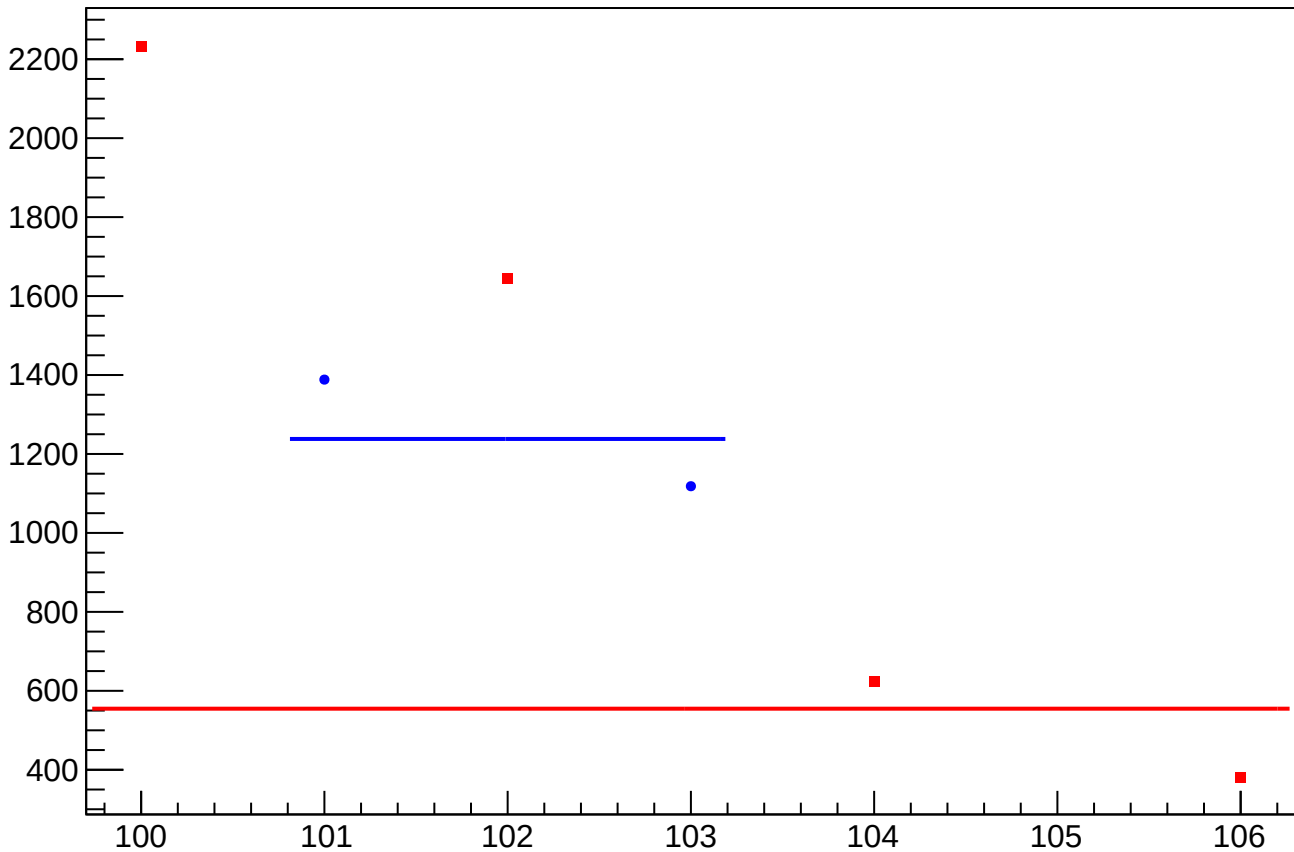
Right: 420.854+/-522.867 χ^2/NDF : 4.6/5

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.854+/-522.867 χ^2/NDF : 4.6/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.774+/-0.416 χ^2/NDF : 675763.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

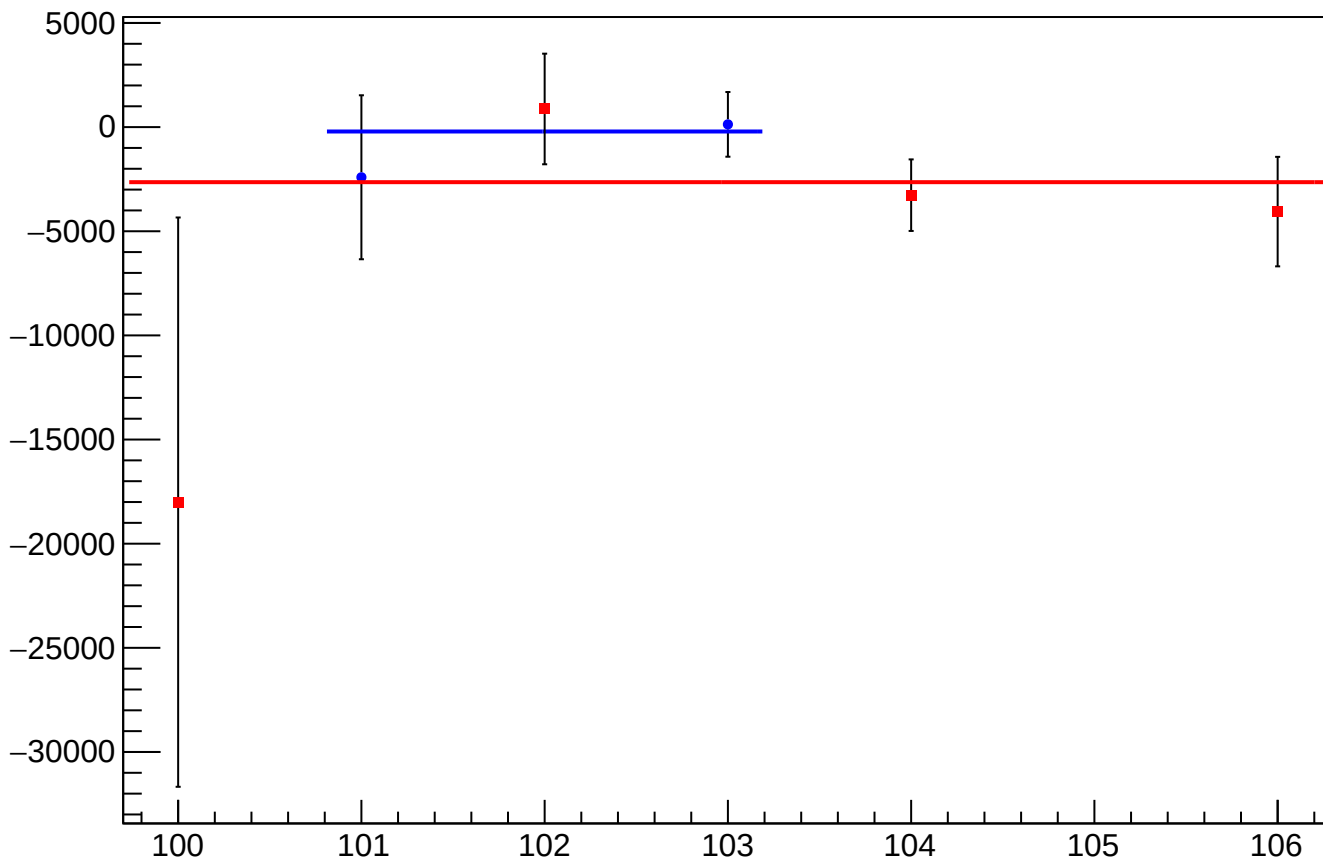
Right: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.036+/-0.370 χ^2/NDF : 1269309.6/5

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2643.399+/-1259.051 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

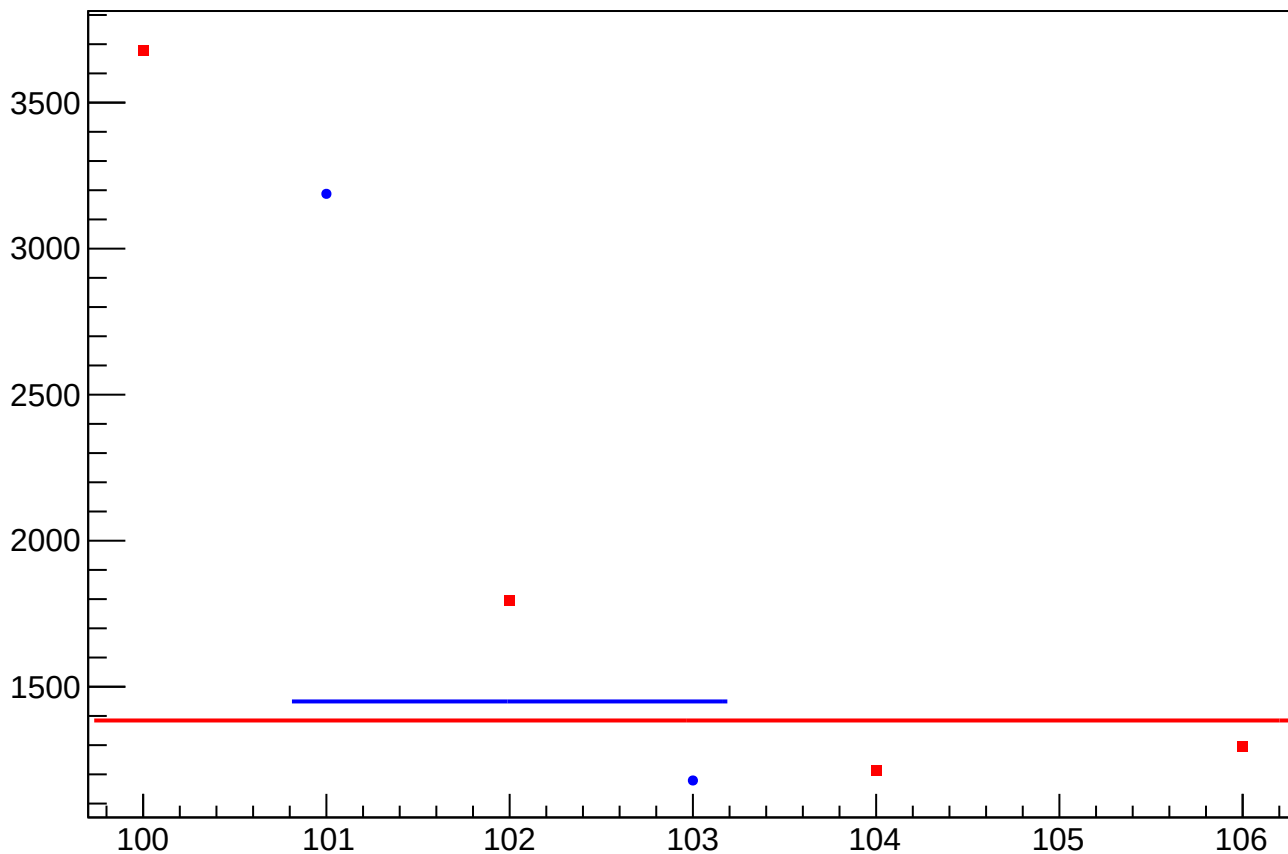
Right: -1593.240+/-949.193 χ^2/NDF : 5.4/5

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1593.240+/-949.193 χ^2/NDF : 5.4/5

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.476+/-0.890 χ^2/NDF : 126061.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

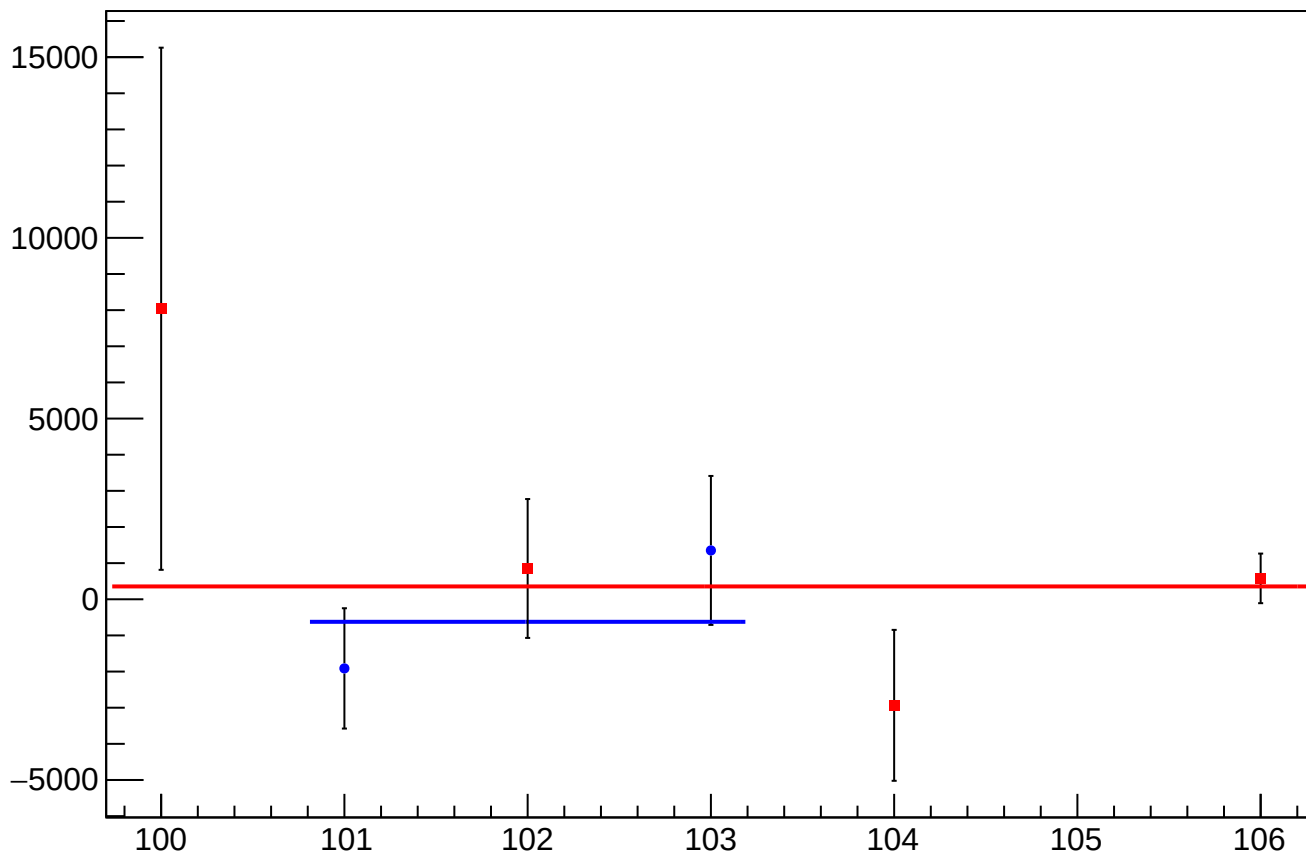
Right: 1412.607+/-0.671 χ^2/NDF : 579010.2/5

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1412.607+/-0.671 χ^2/NDF : 579010.2/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.353+/-615.095 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

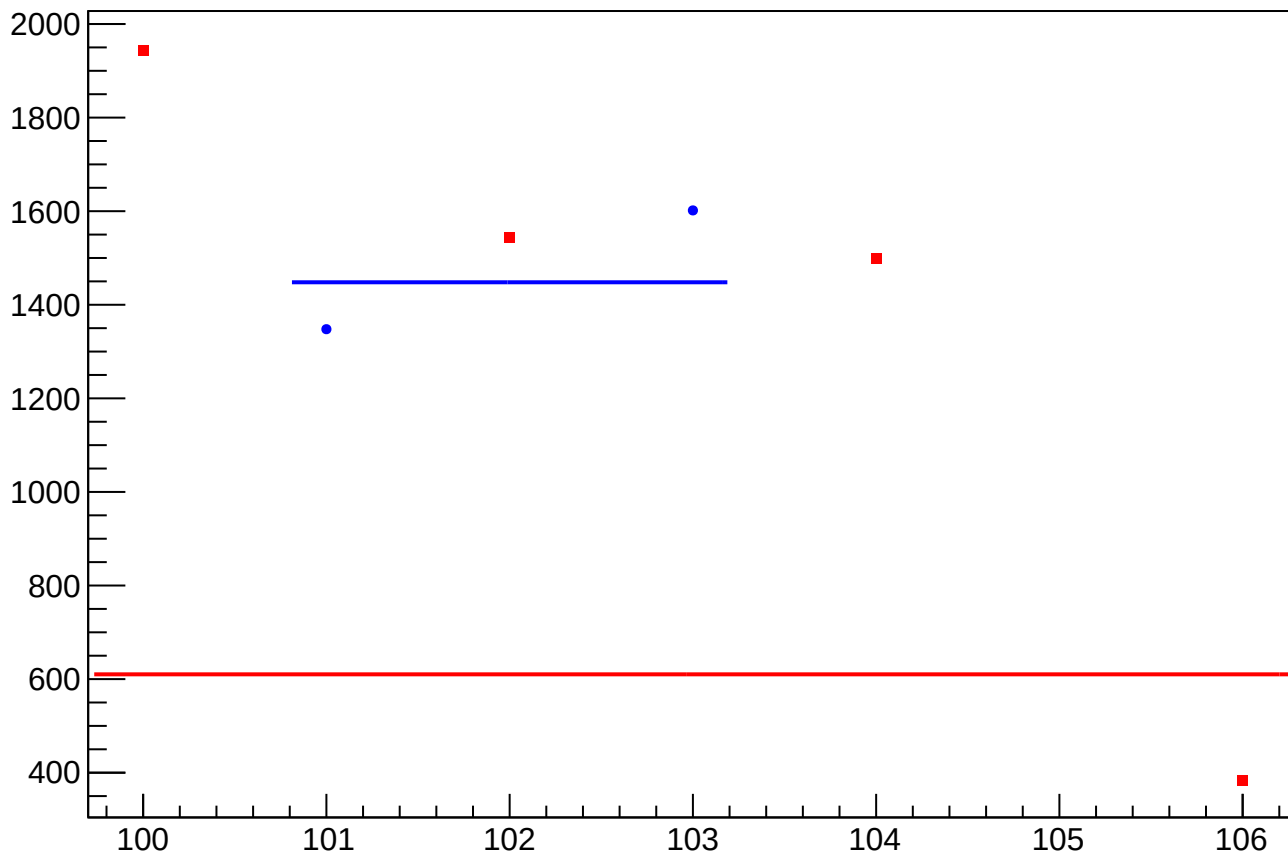
Right: 175.121+/-555.593 χ^2/NDF : 5.8/5

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.121+/-555.593 χ^2/NDF : 5.8/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.059 $\pm$ 0.916 χ^2 /NDF: 18367.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 610.205 $\pm$ 0.435 χ^2 /NDF: 1121138.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

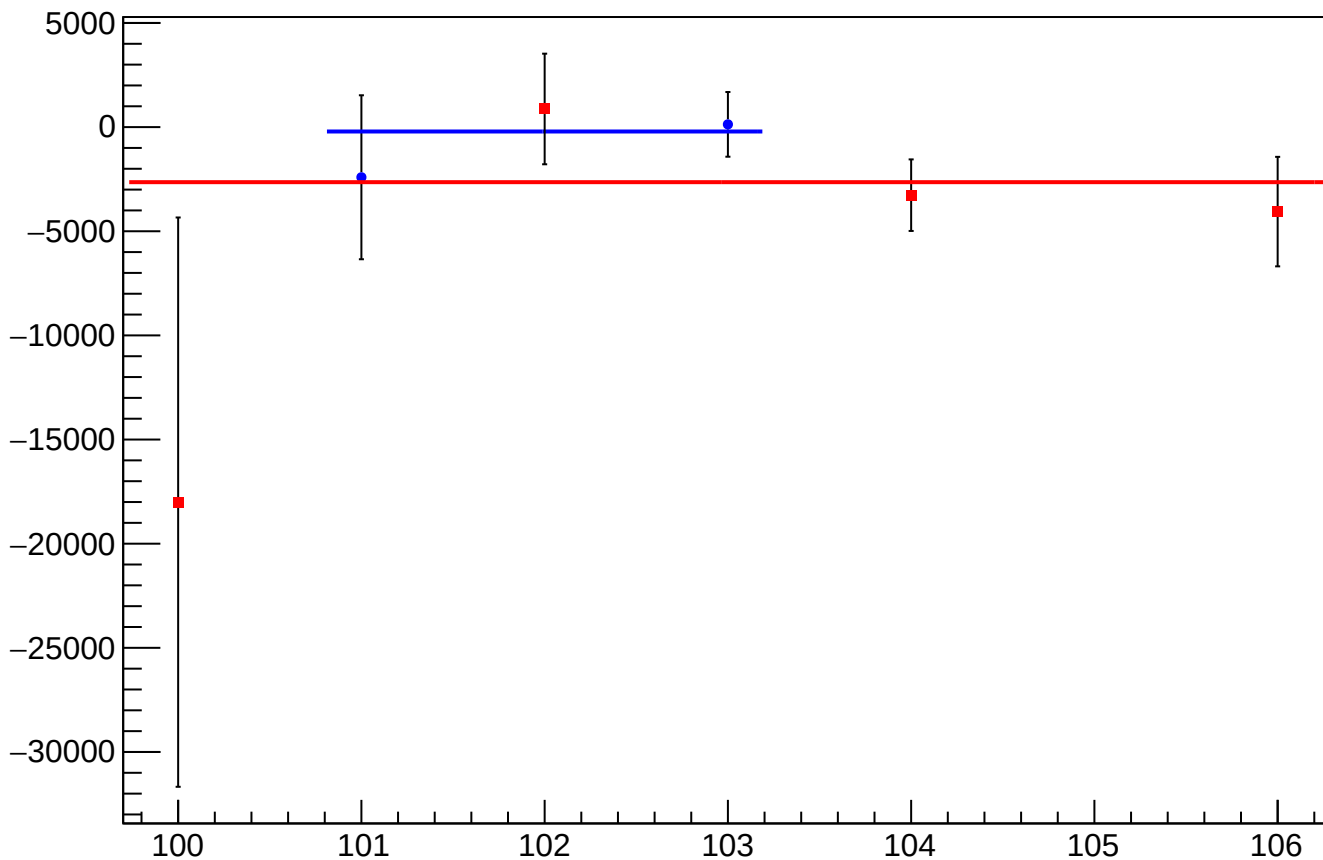
Right: 764.466 $\pm$ 0.393 χ^2 /NDF: 1822739.6/5

In: 1448.059 $\pm$ 0.916 χ^2 /NDF:18367.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 764.466 $\pm$ 0.393 χ^2 /NDF: 1822739.6/5

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2643.405+/-1259.052 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

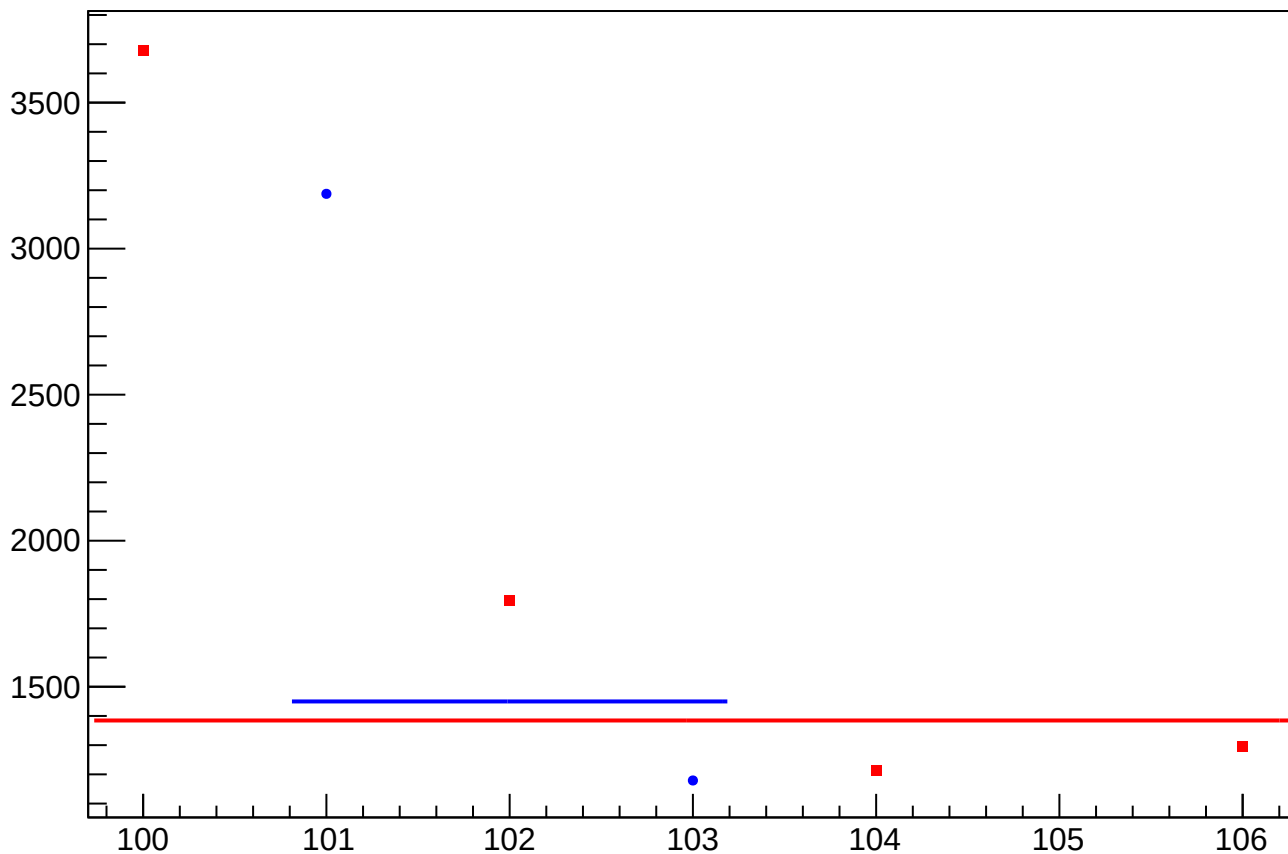
Right: -1593.243+/-949.193 χ^2/NDF : 5.4/5

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1593.243+/-949.193 χ^2/NDF : 5.4/5

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1384.476+/-0.890 χ^2/NDF : 126061.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

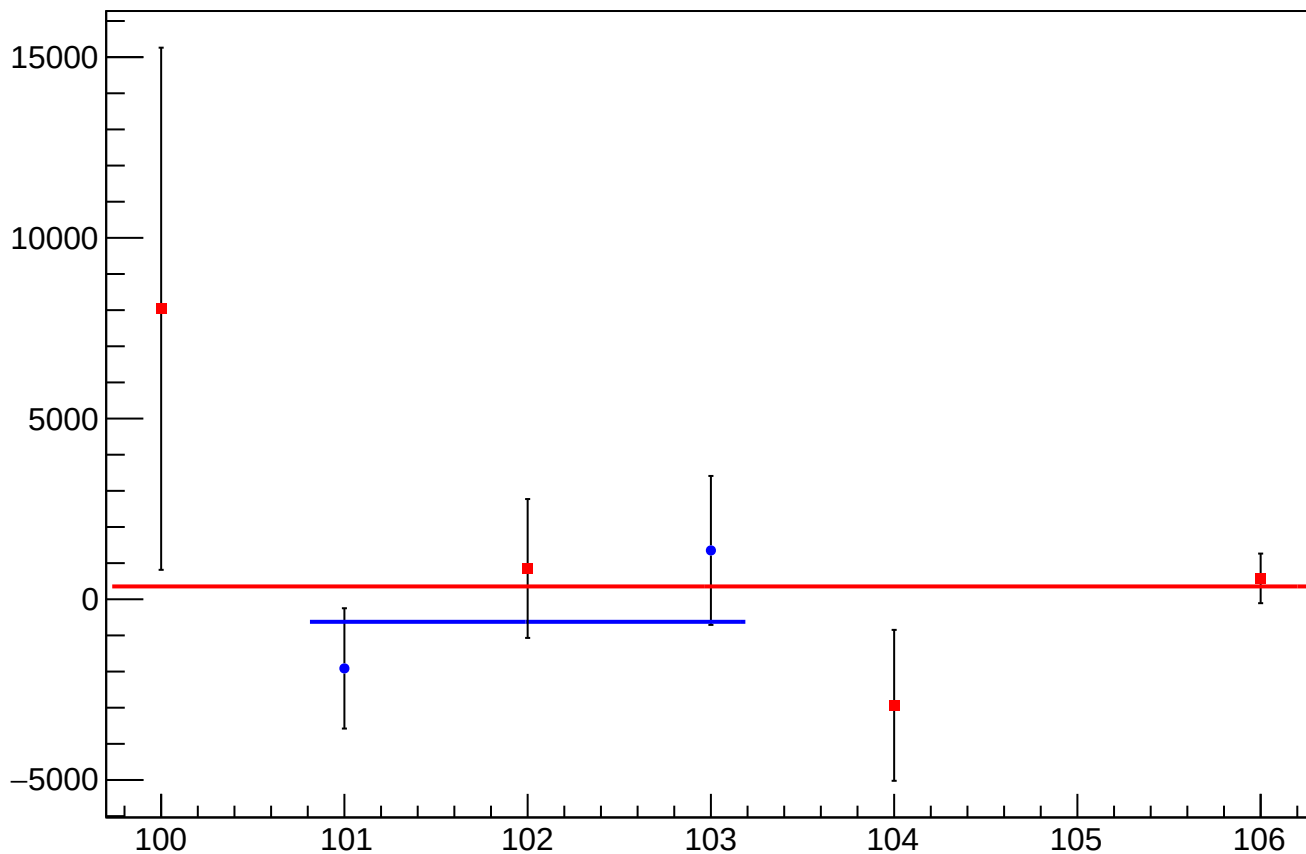
Right: 1412.608+/-0.671 χ^2/NDF : 579010.1/5

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1412.608+/-0.671 χ^2/NDF : 579010.1/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 355.345+/-615.091 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

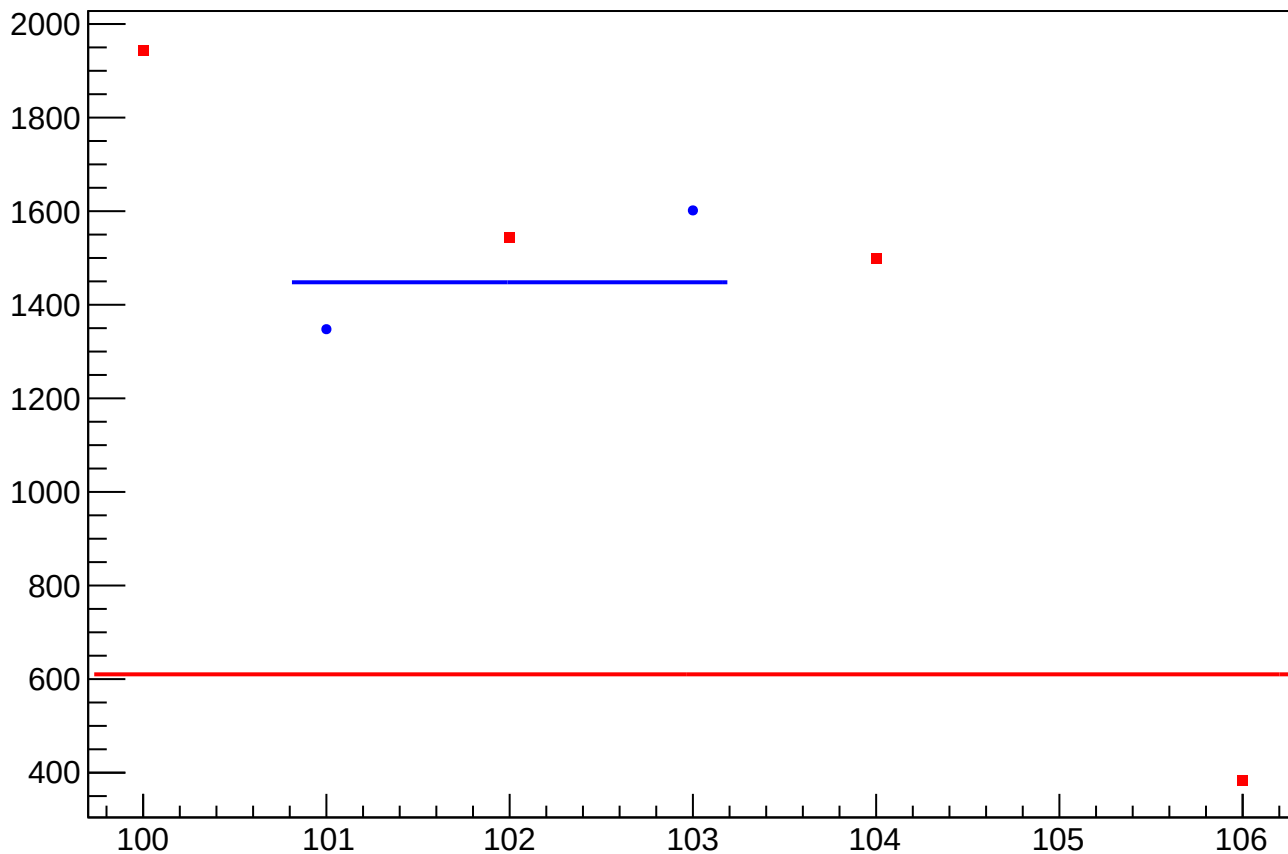
Right: 175.116+/-555.590 χ^2/NDF : 5.8/5

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.116+/-555.590 χ^2/NDF : 5.8/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.200+/-0.435 χ^2/NDF : 1121147.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

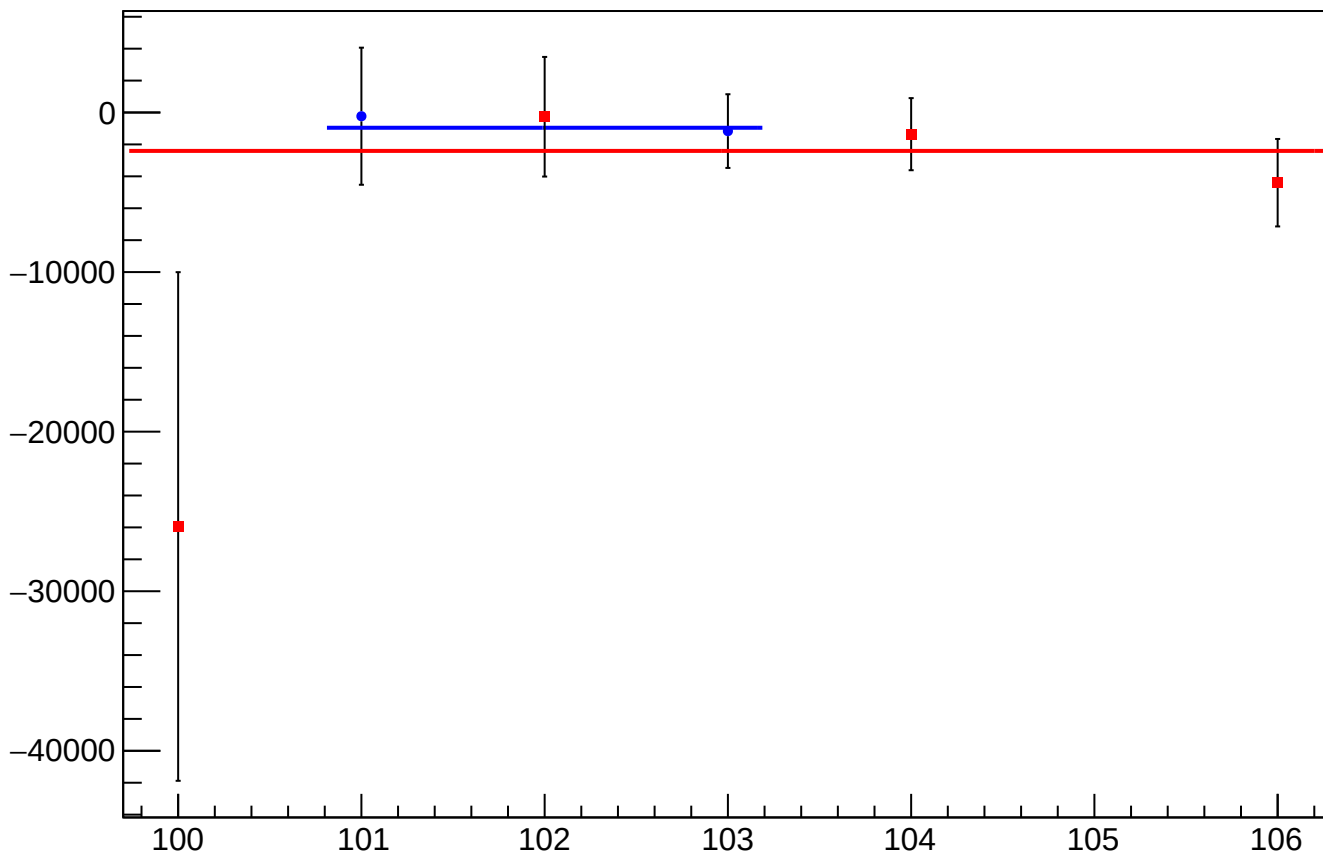
Right: 764.460+/-0.393 χ^2/NDF : 1822758.6/5

In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 764.460+/-0.393 χ^2/NDF : 1822758.6/5

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2406.779+/-1573.080 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

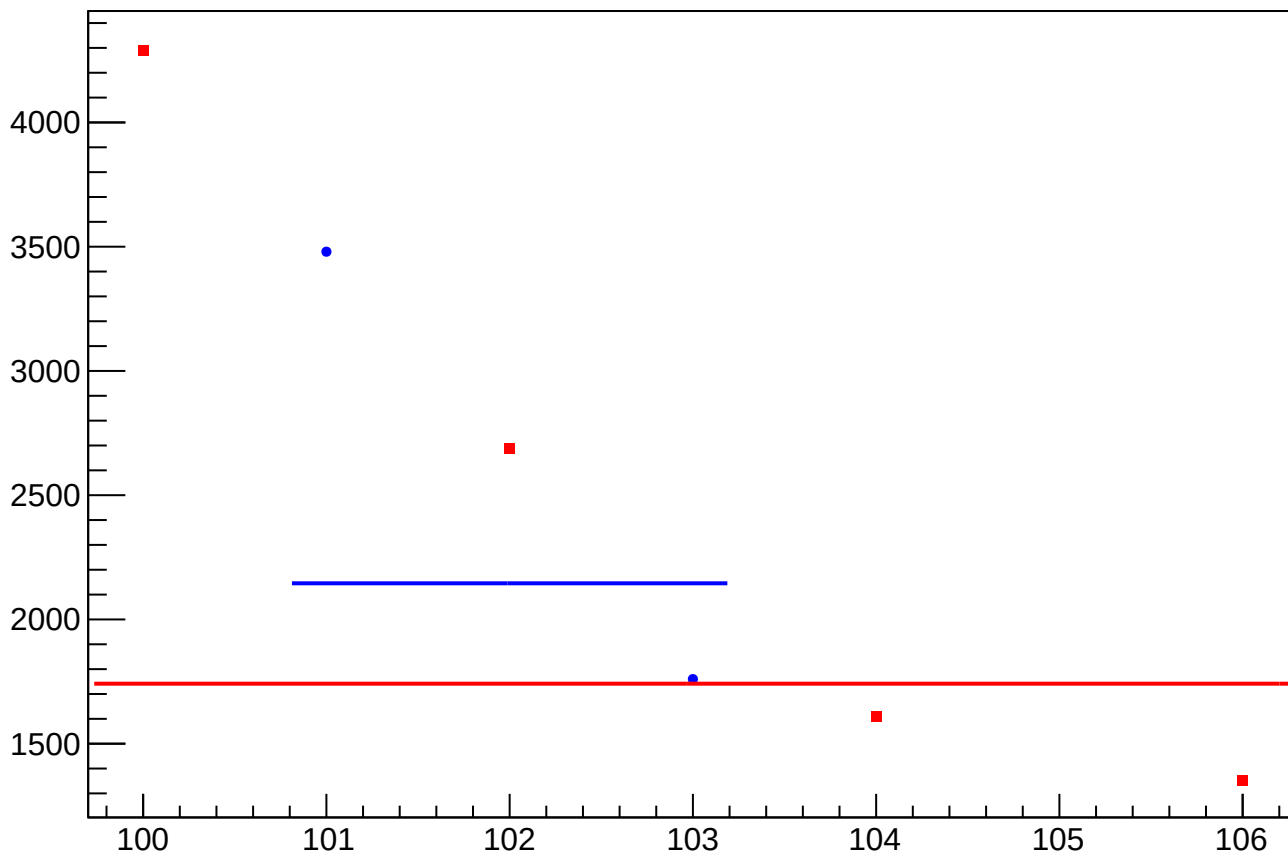
Right: -1863.586+/-1244.278 χ^2/NDF : 3.6/5

In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1863.586+/-1244.278 χ^2/NDF : 3.6/5

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.495+/-1.112 χ^2/NDF : 225279.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

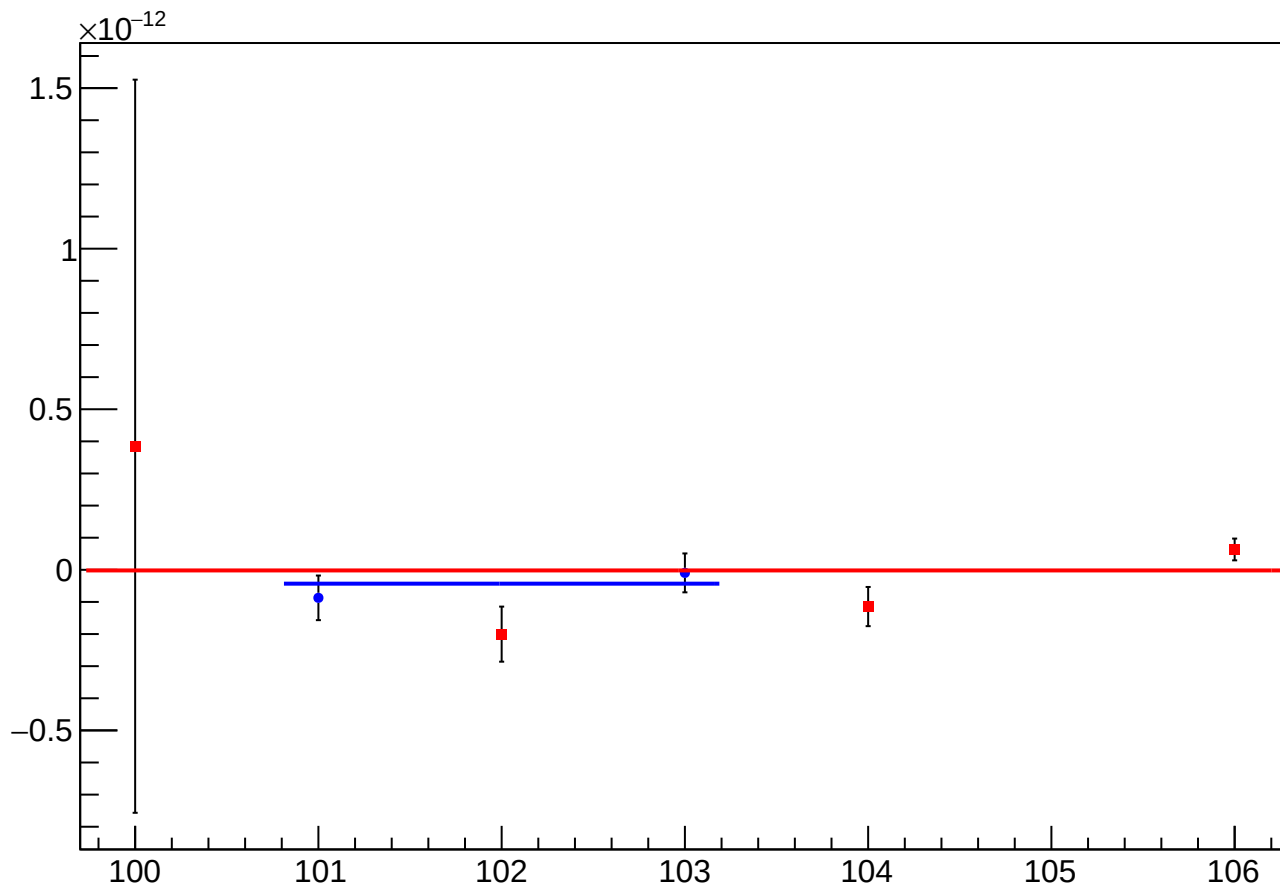
Right: 1892.715+/-0.880 χ^2/NDF : 523424.5/5

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.715+/-0.880 χ^2/NDF : 523424.5/5

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_Sign_Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

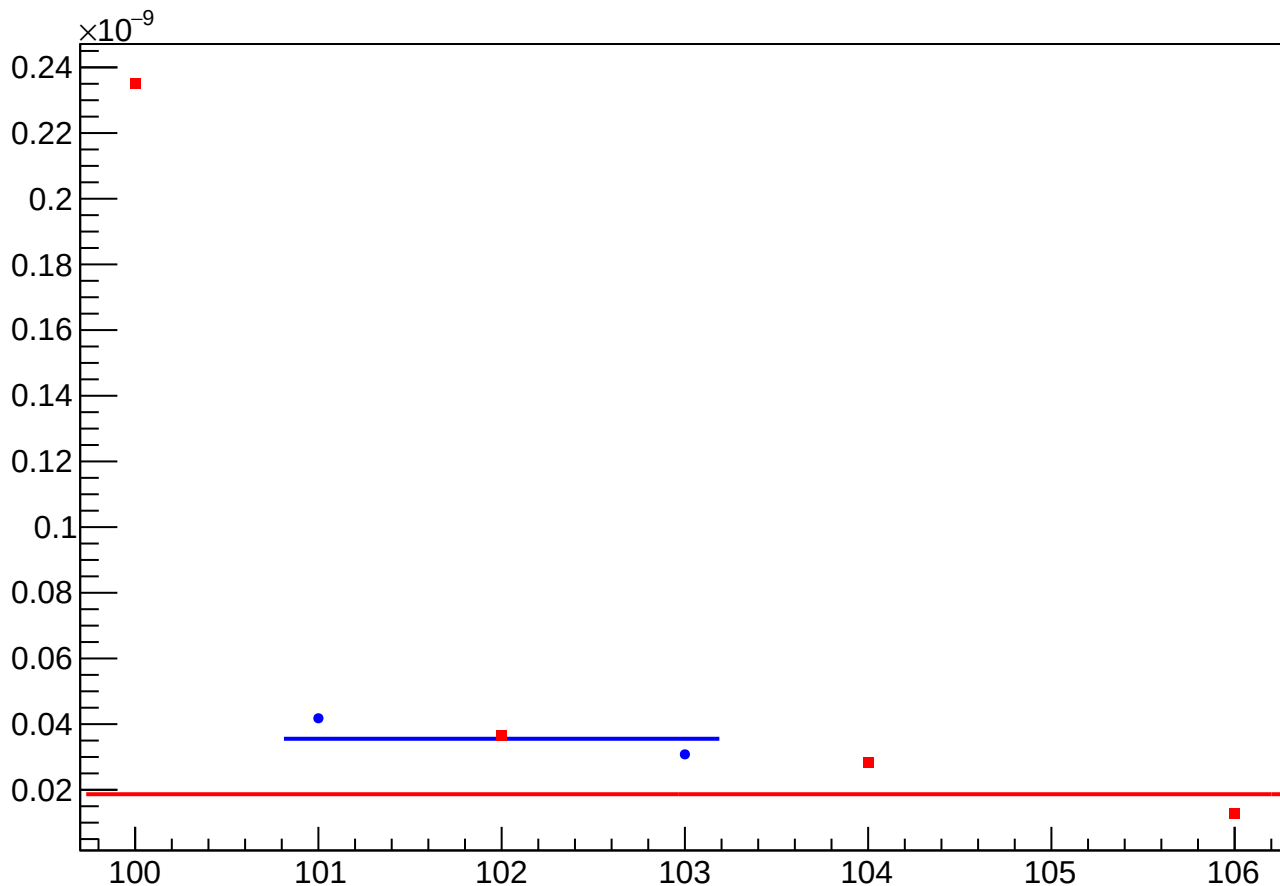
Right: -0.000+/-0.000 χ^2/NDF : 13.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/5

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 270206.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

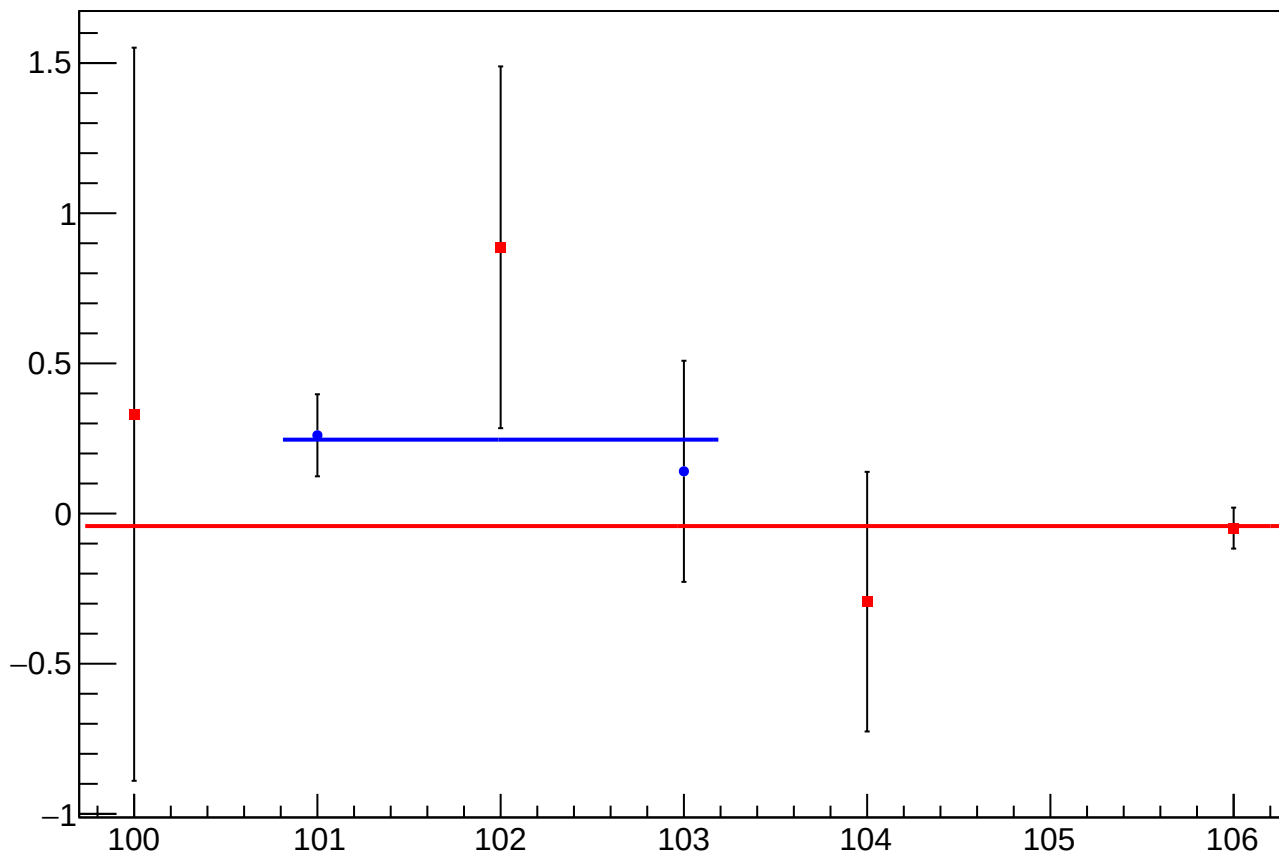
Right: 0.000+/-0.000 χ^2/NDF : 497638.1/5

In: 0.000+/-0.000 χ^2/NDF : 28427.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 497638.1/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

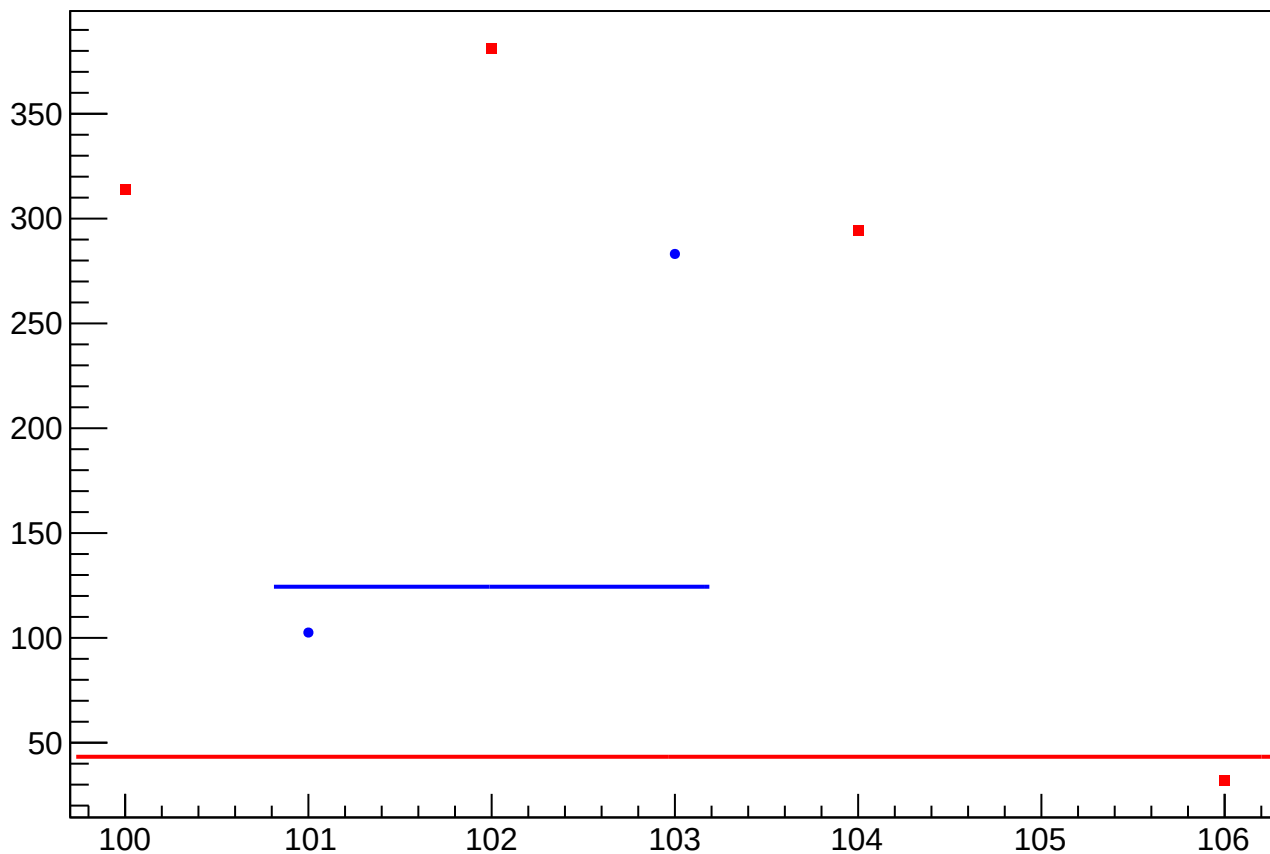
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 +/- 0.091 χ^2/NDF : 423134.0/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 43.295 +/- 0.047 χ^2/NDF : 1457813.2/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

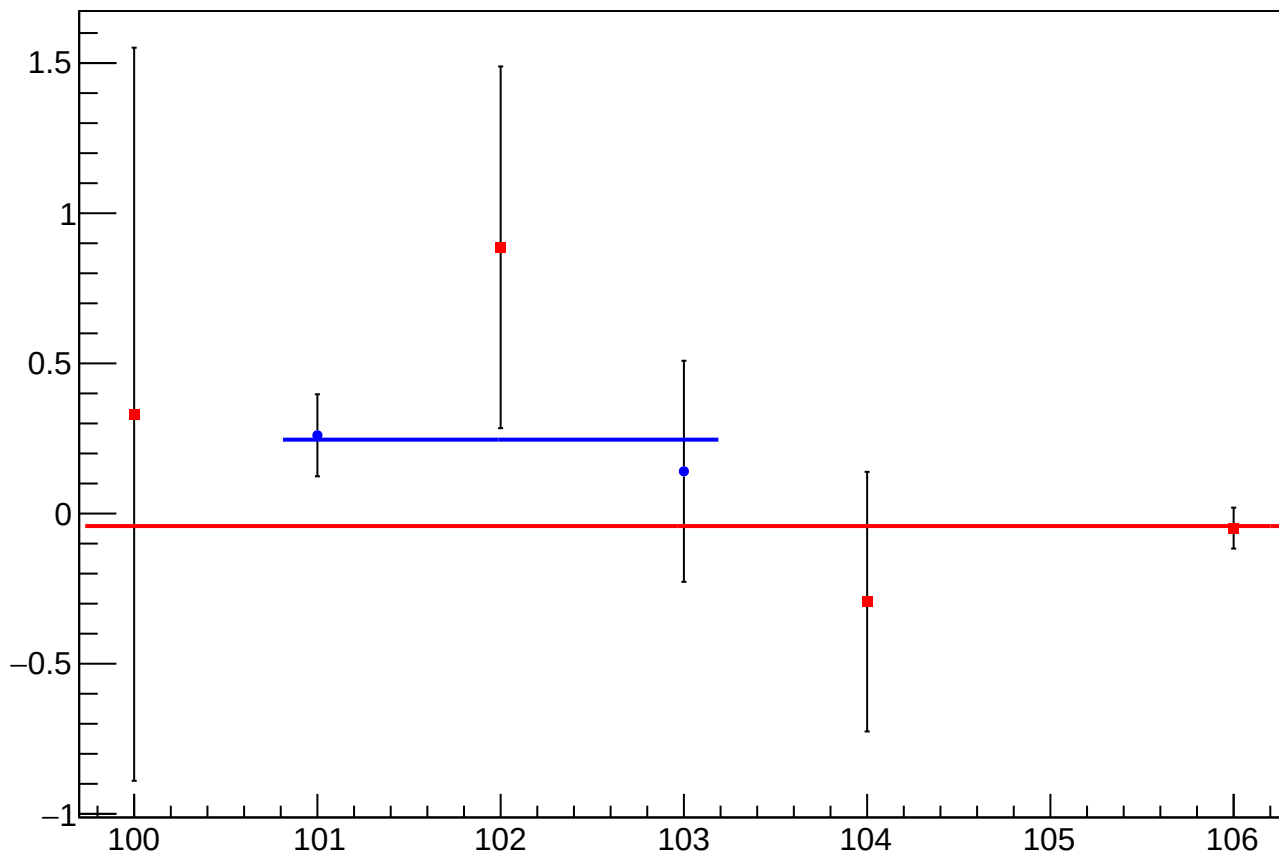
Right: 60.654 +/- 0.042 χ^2/NDF : 2511473.7/5

In: 124.404 +/- 0.091 χ^2/NDF : 423134.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 60.654 +/- 0.042 χ^2/NDF : 2511473.7/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

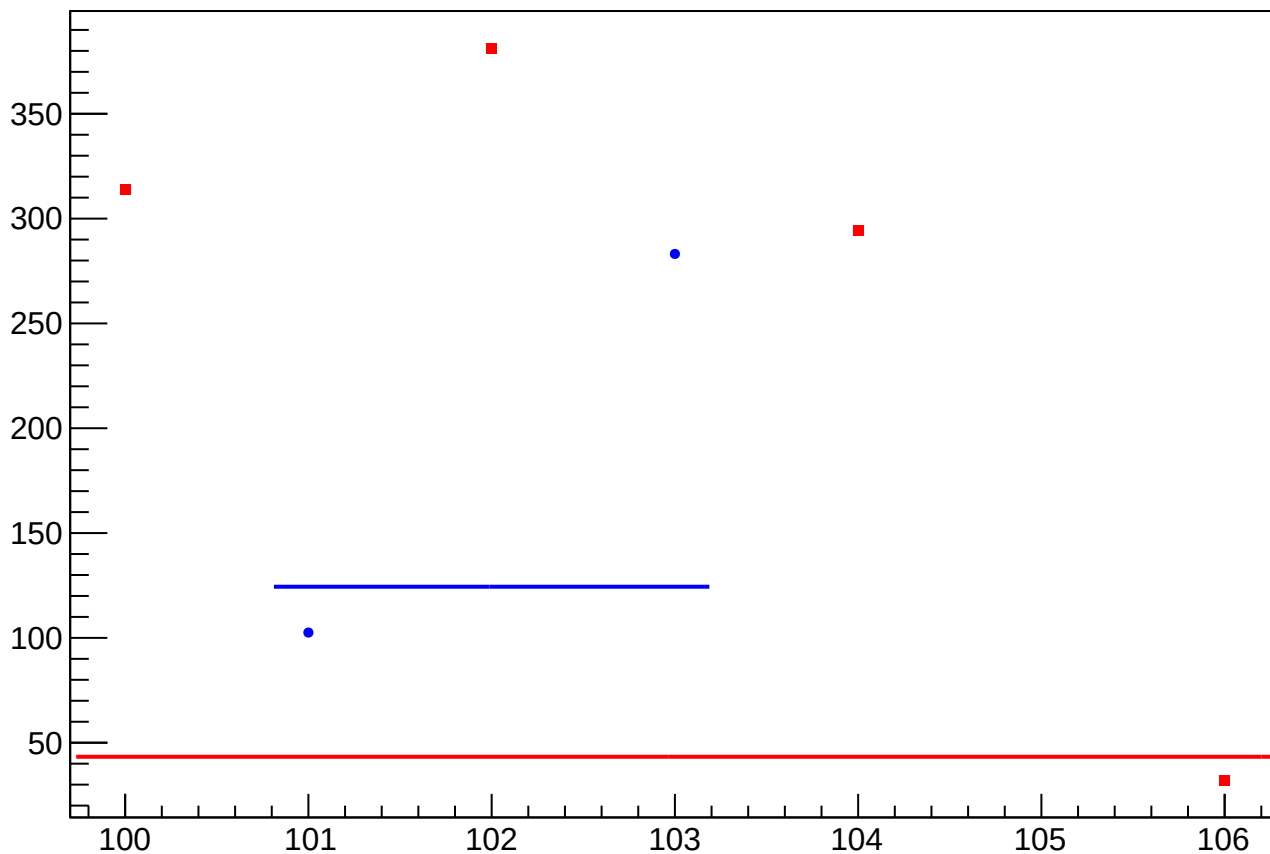
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.295 $\pm$ 0.047 χ^2 /NDF: 1457813.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

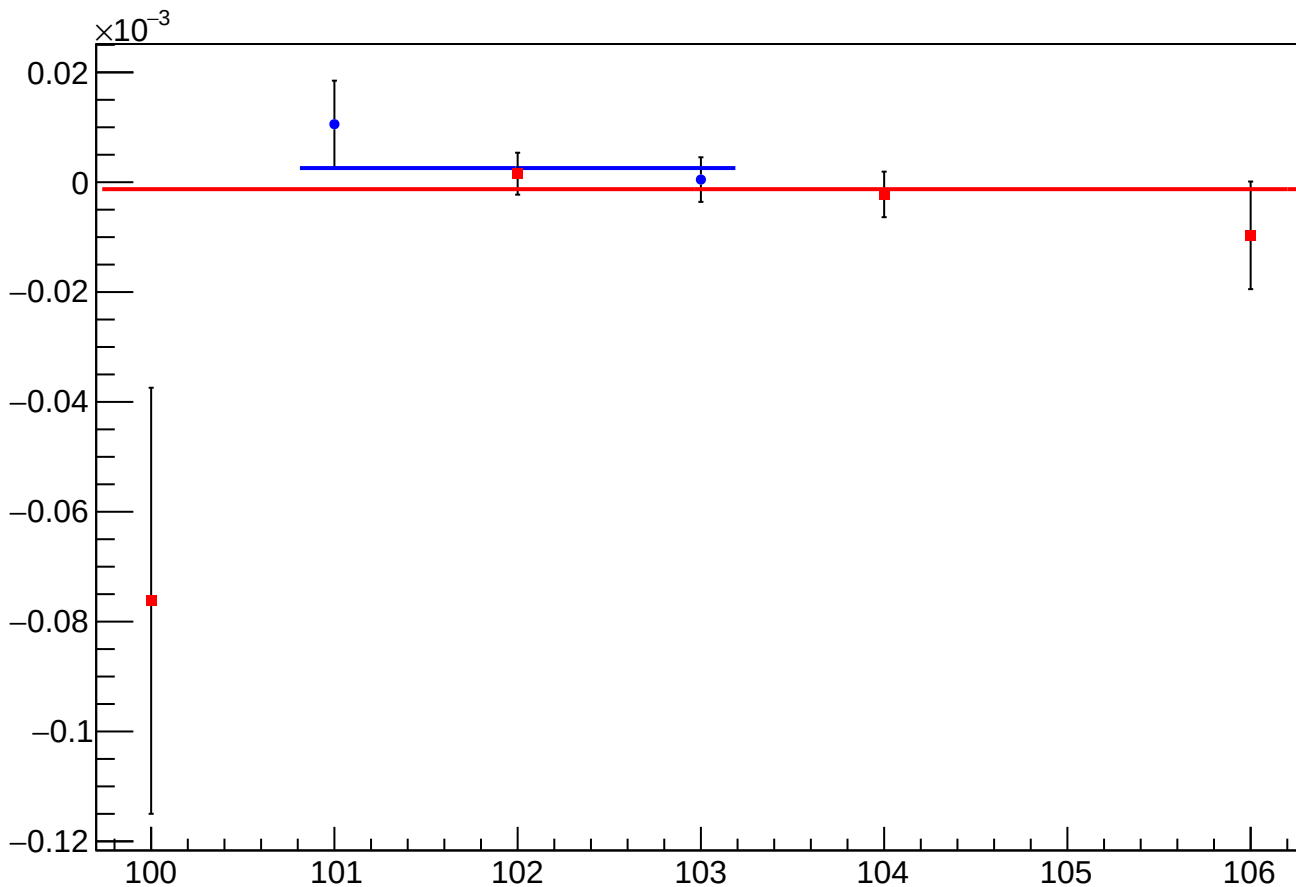
Right: 60.654 $\pm$ 0.042 χ^2 /NDF: 2511473.7/5

In: 124.404 $\pm$ 0.091 χ^2 /NDF:423134.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.654 $\pm$ 0.042 χ^2 /NDF: 2511473.7/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

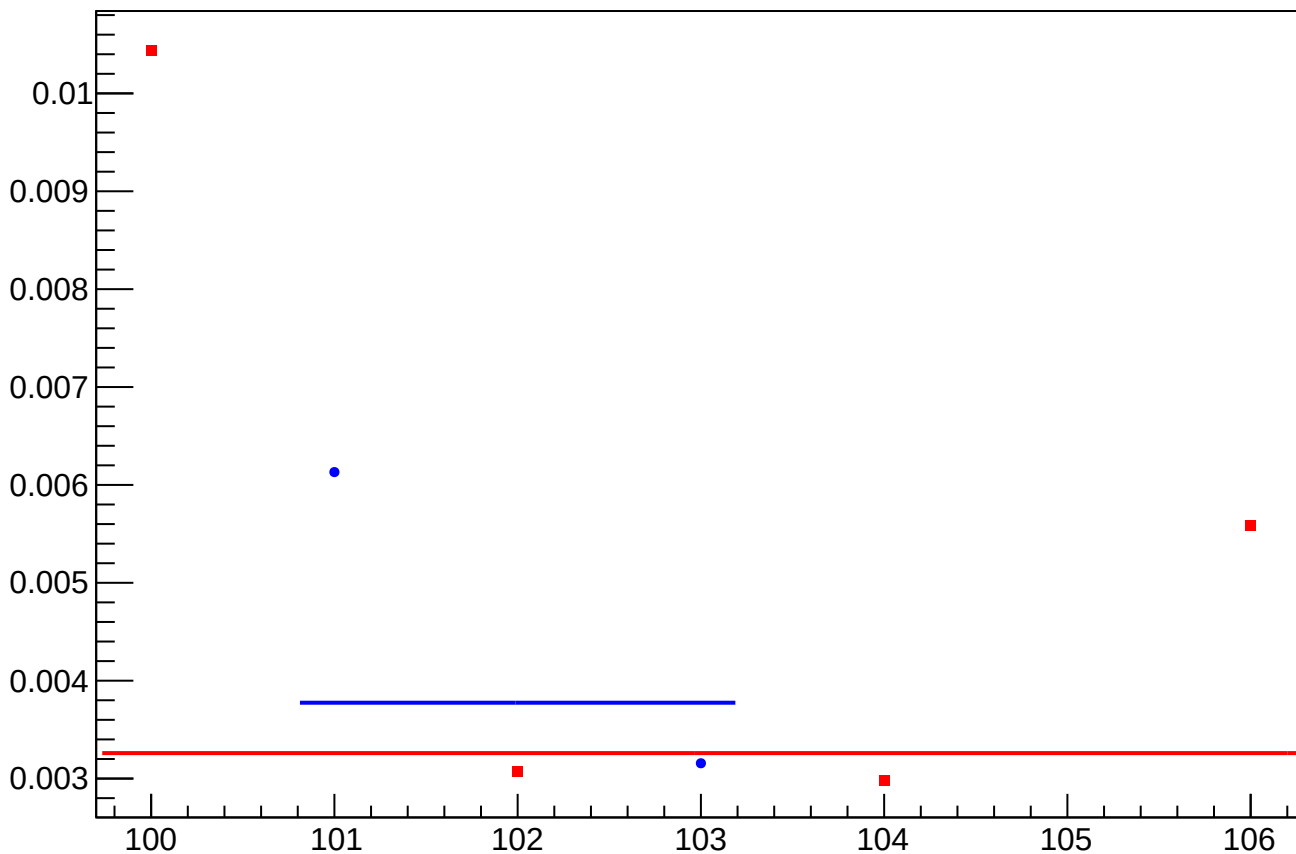
Right: 0.000+/-0.000 χ^2/NDF : 7.1/5

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.1/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 195368.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

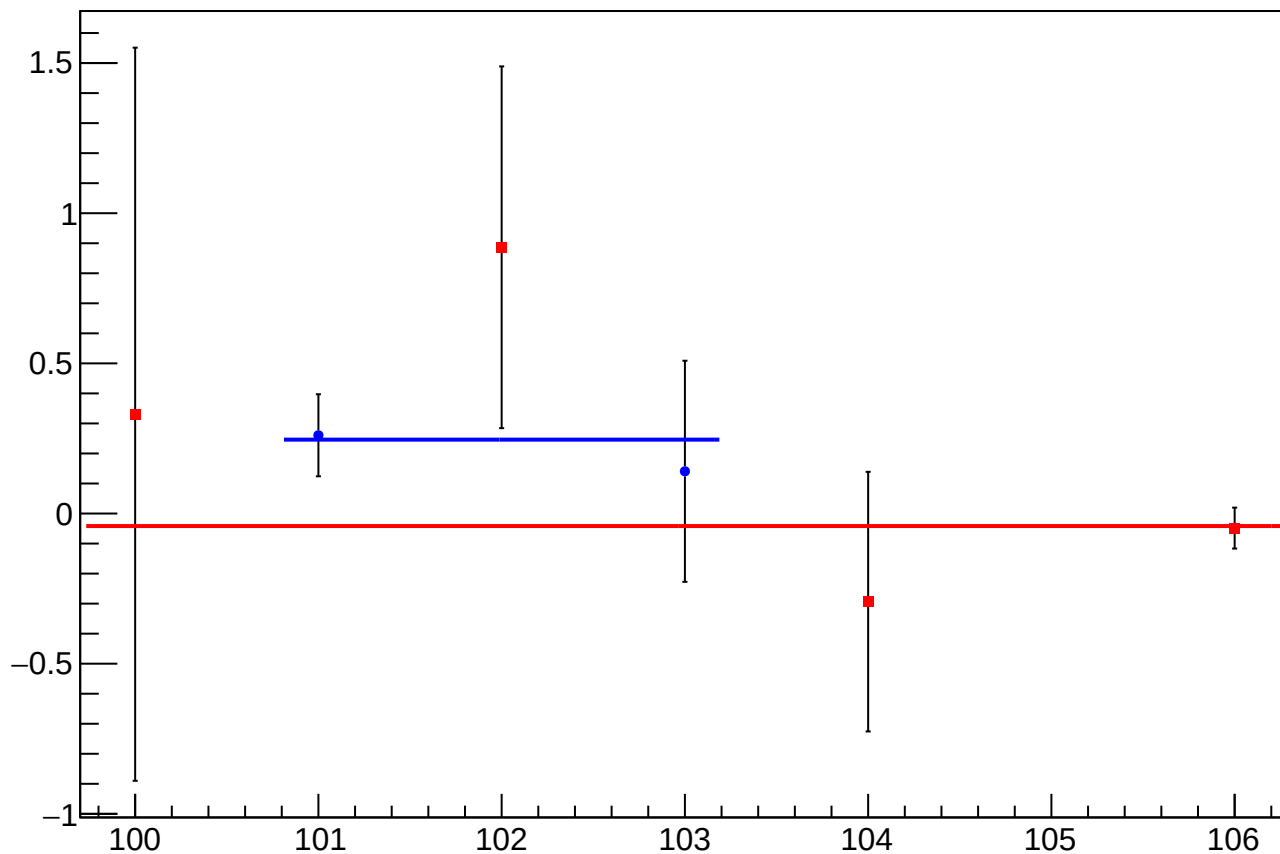
Right: 0.003+/-0.000 χ^2/NDF : 444770.9/5

In: 0.004+/-0.000 χ^2/NDF : 223303.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 444770.9/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

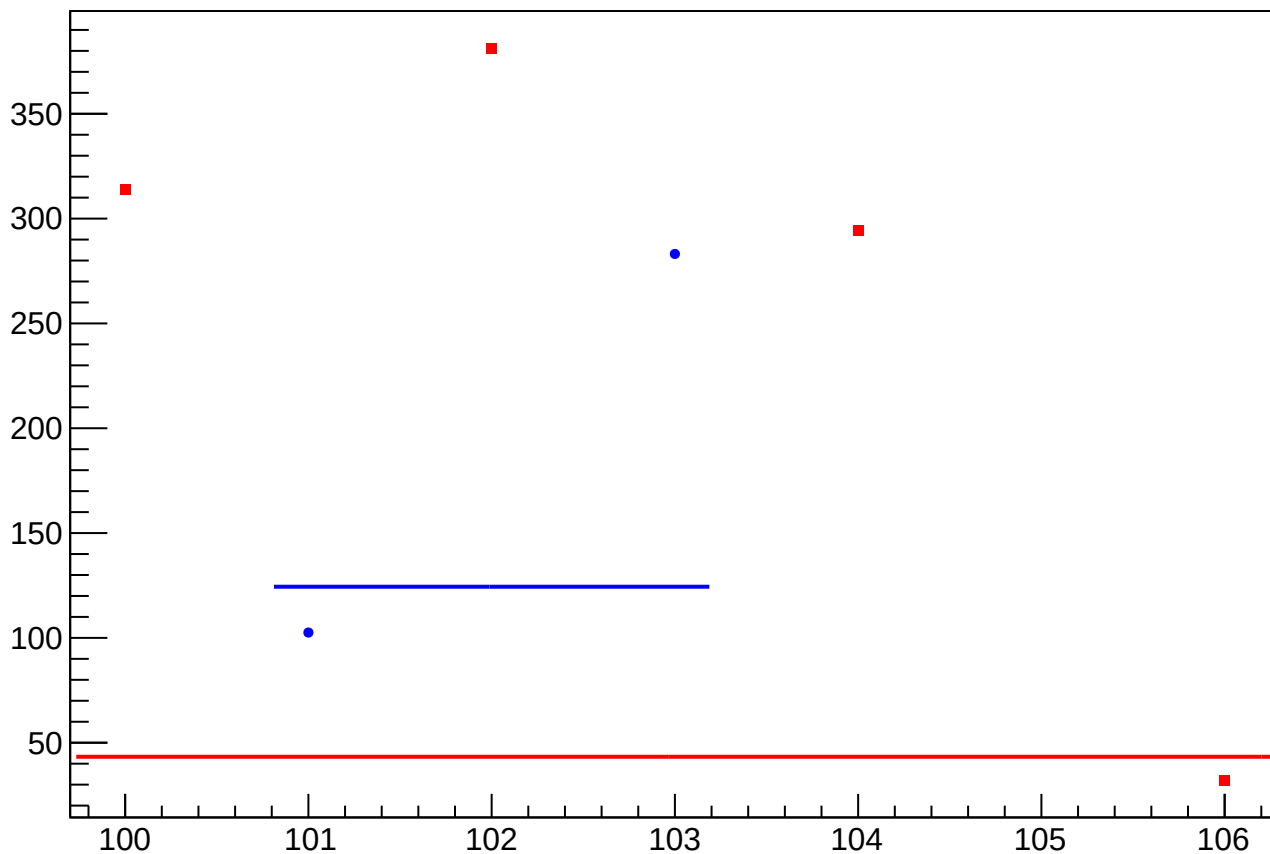
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406 $\pm$ 0.091 χ^2 /NDF: 423129.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.297 $\pm$ 0.047 χ^2 /NDF: 1457796.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

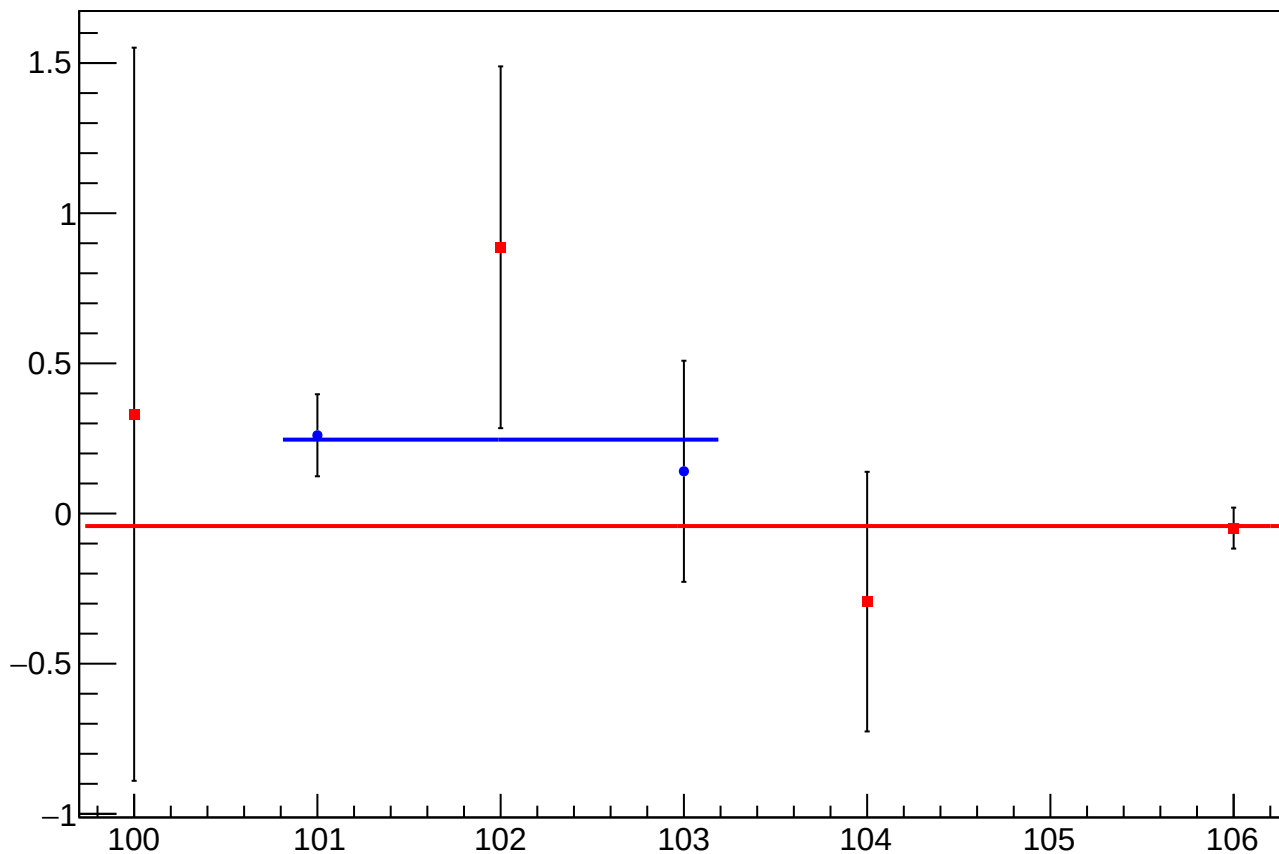
Right: 60.657 $\pm$ 0.042 χ^2 /NDF: 2511418.1/5

In: 124.406 $\pm$ 0.091 χ^2 /NDF:423129.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.657 $\pm$ 0.042 χ^2 /NDF: 2511418.1/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.042 $\pm$ 0.067 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

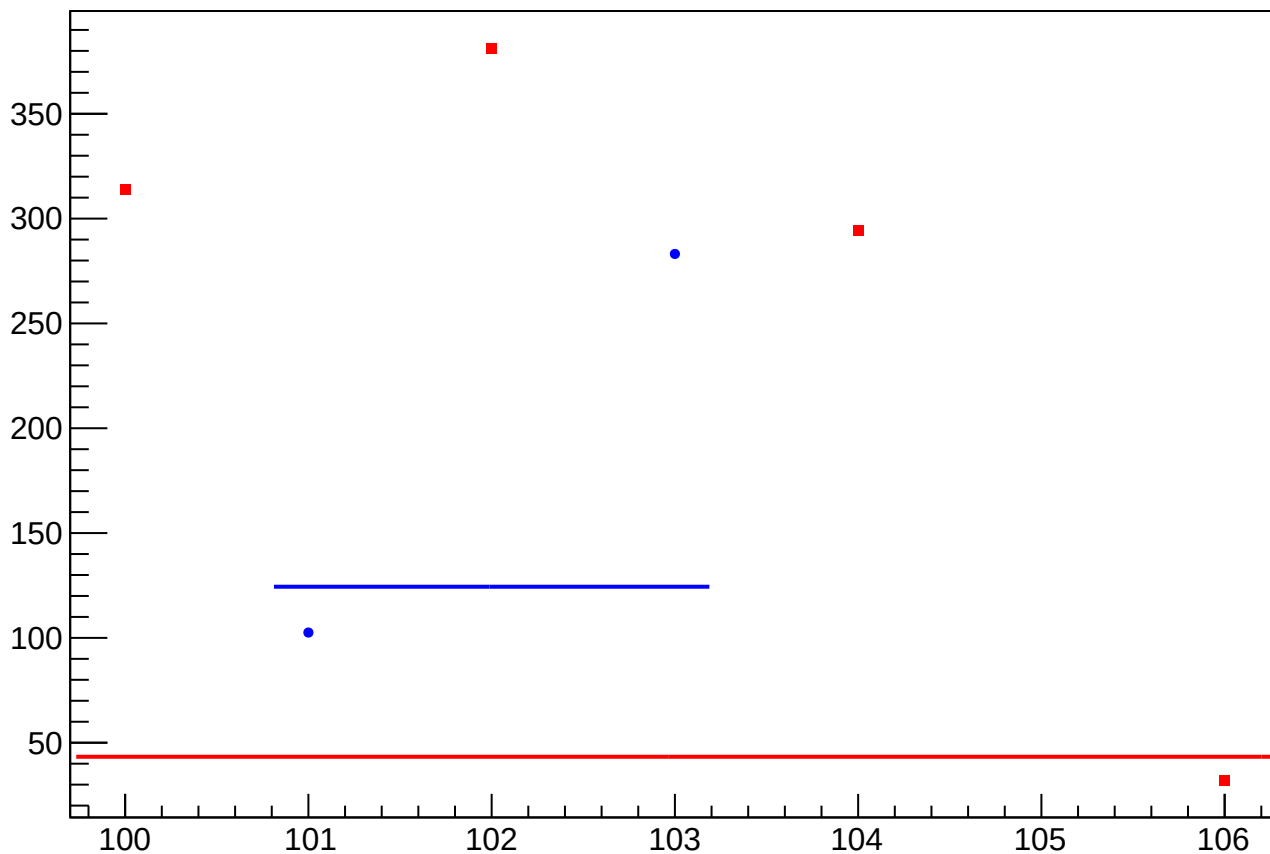
Right: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.059 χ^2 /NDF: 6.9/5

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.406 ± 0.091 $\chi^2/\text{NDF}: 423129.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.297 ± 0.047 $\chi^2/\text{NDF}: 1457796.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

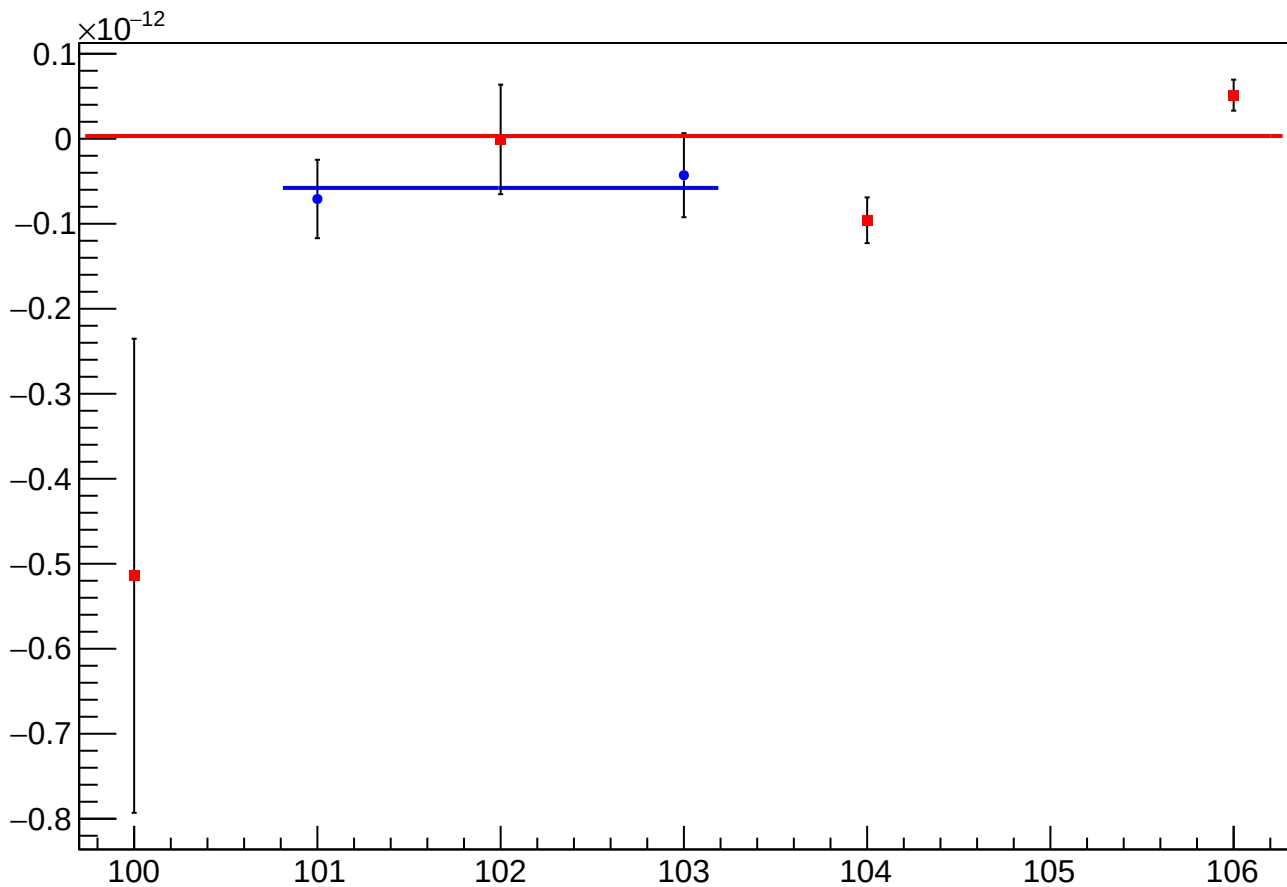
Right: 60.657 ± 0.042 $\chi^2/\text{NDF}: 2511418.1/5$

In: 124.406 ± 0.091 $\chi^2/\text{NDF}: 423129.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 60.657 ± 0.042 $\chi^2/\text{NDF}: 2511418.1/5$

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

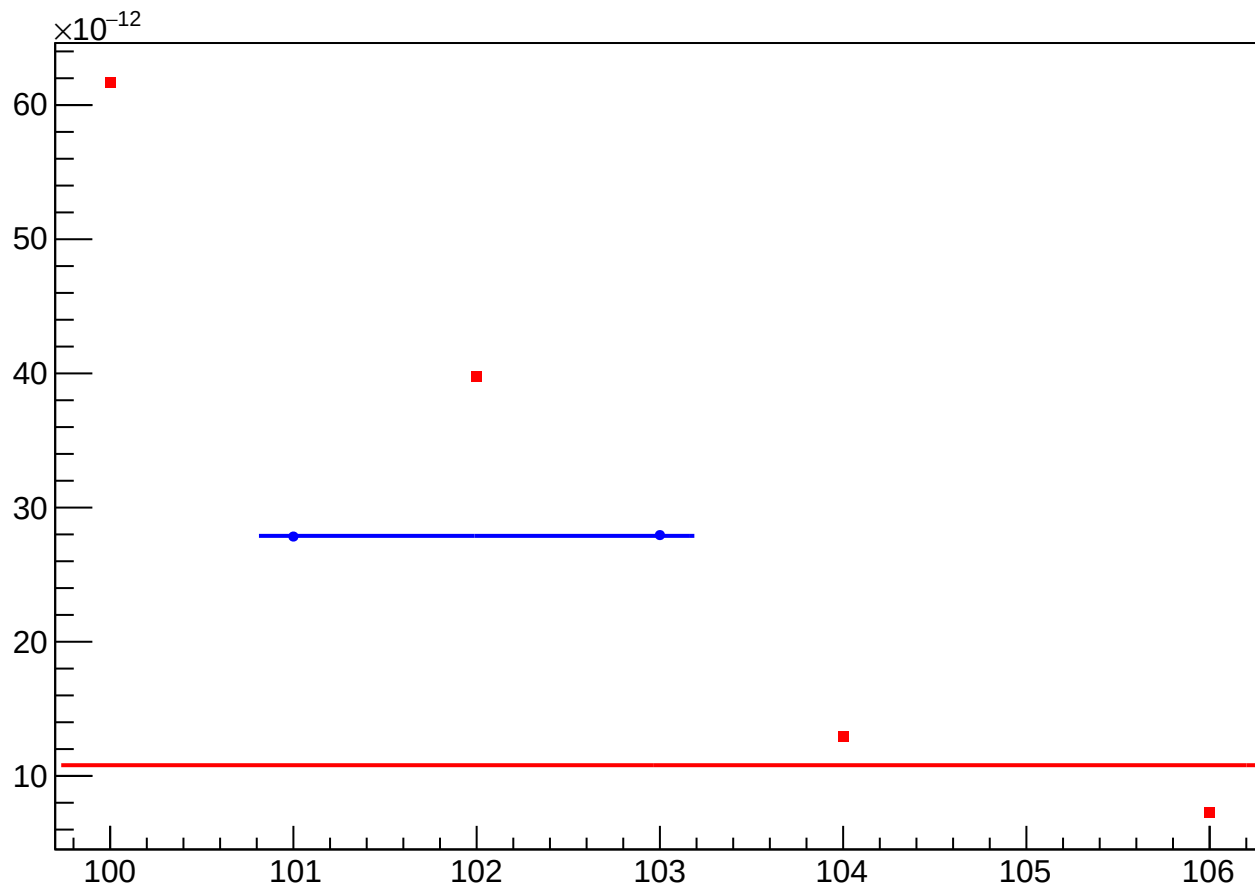
Right: -0.000+/-0.000 χ^2/NDF : 26.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.9/5

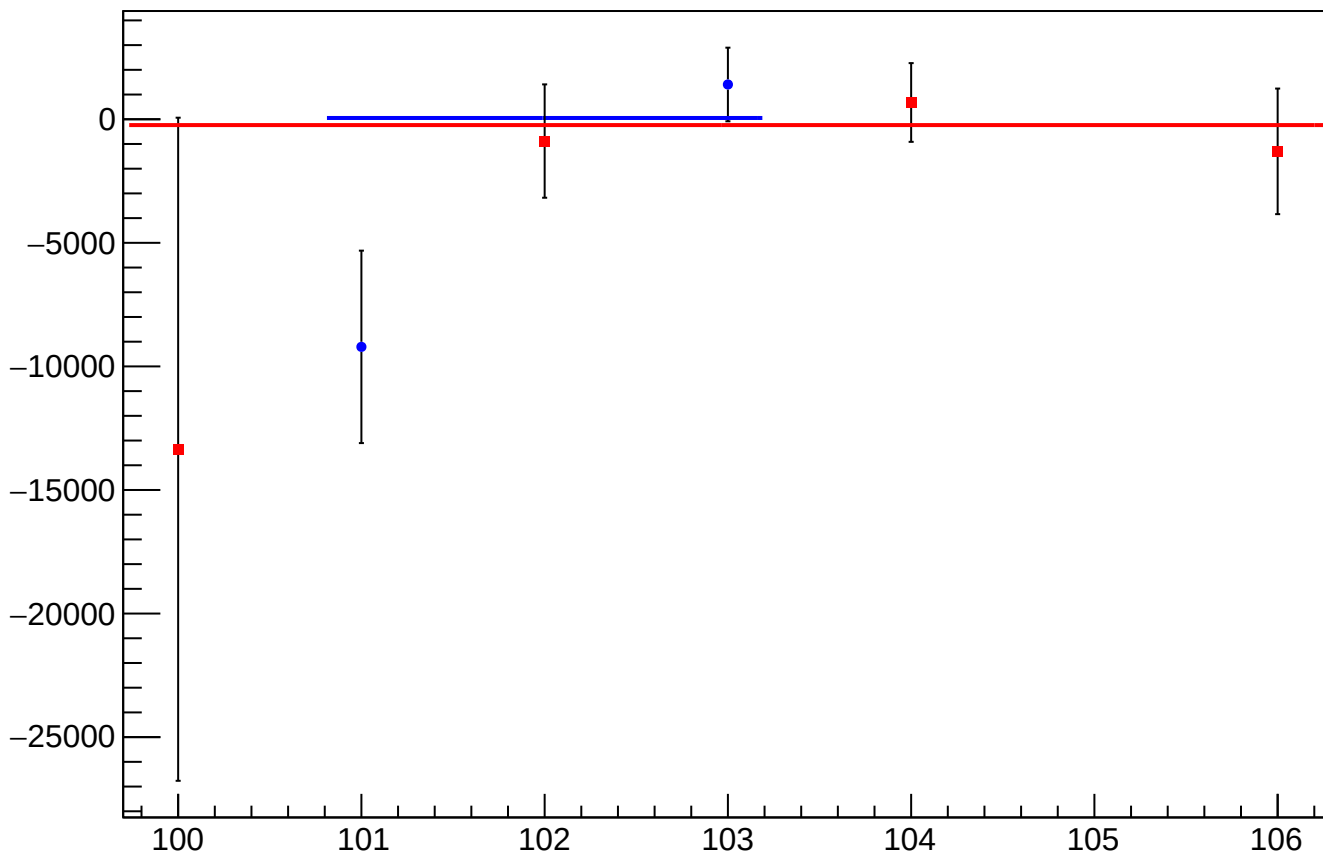
asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 559011.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 990926.6/5
 In: 0.000+/-0.000 χ^2/NDF : 5.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 990926.6/5

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -235.623+/-1158.774 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

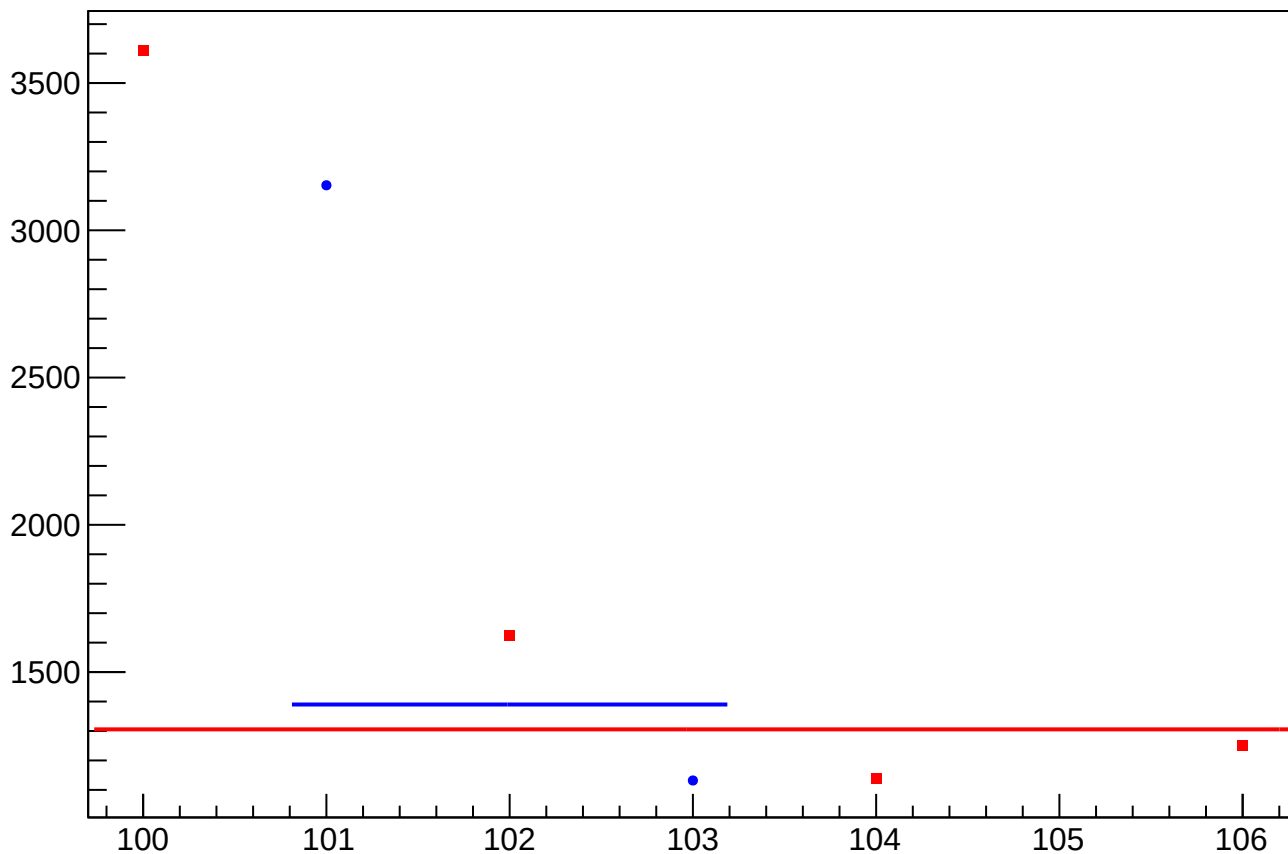
Right: -117.899+/-890.328 χ^2/NDF : 8.1/5

In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.899+/-890.328 χ^2/NDF : 8.1/5

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: 1340.117 ± 0.630 $\chi^2/\text{NDF}: 594612.2/5$

In: 1389.931 ± 0.984 $\chi^2/\text{NDF}: 470145.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1340.117 ± 0.630 $\chi^2/\text{NDF}: 594612.2/5$

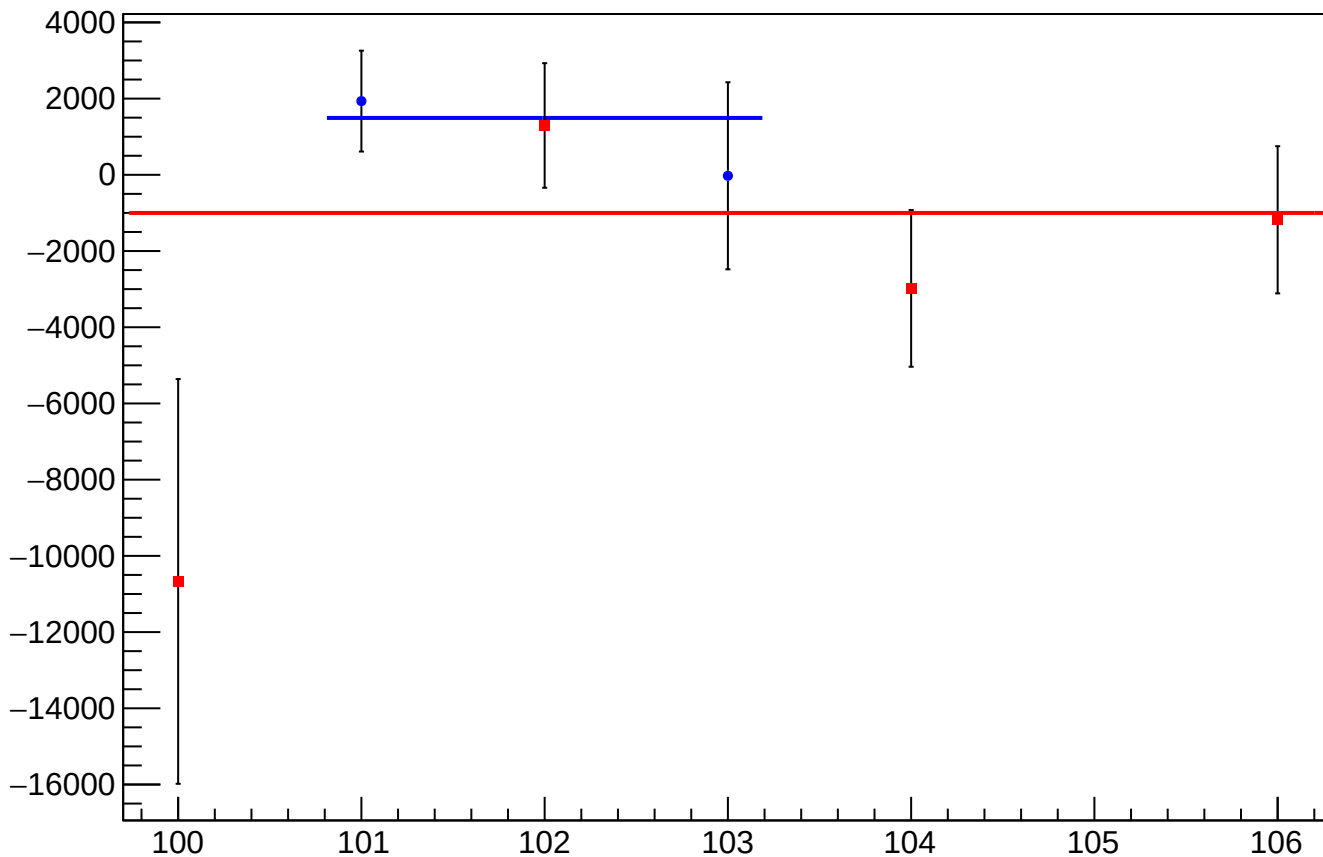
Right In: 1389.931 ± 0.984 $\chi^2/\text{NDF}: 470145.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1305.550 ± 0.819 $\chi^2/\text{NDF}: 120122.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1492.906 $\pm$ 1164.957 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1000.234 $\pm$ 1045.787 χ^2 /NDF: 6.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

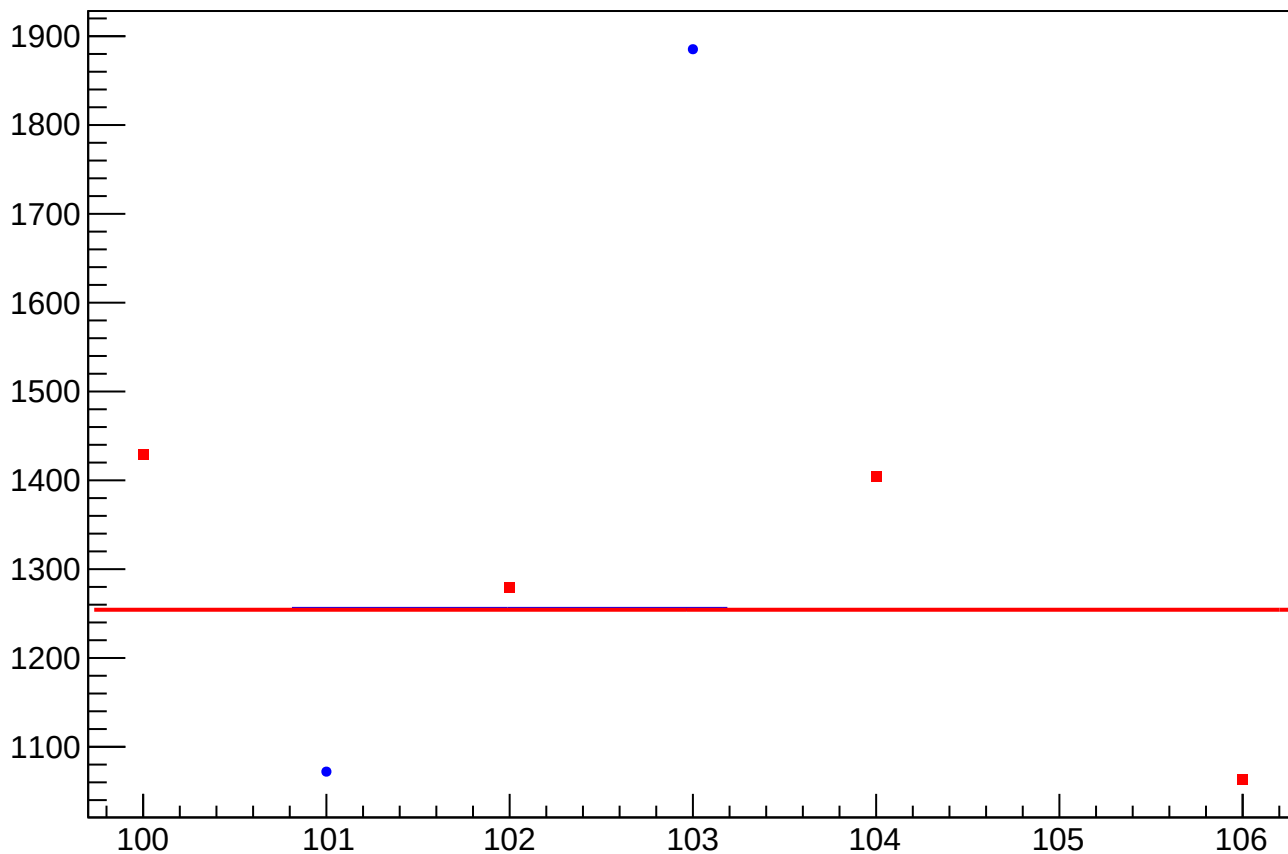
Right: 112.332 $\pm$ 778.215 χ^2 /NDF: 9.3/5

In: 1492.906 $\pm$ 1164.957 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 112.332 $\pm$ 778.215 χ^2 /NDF: 9.3/5

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1254.308+/-0.739 χ^2/NDF : 32938.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

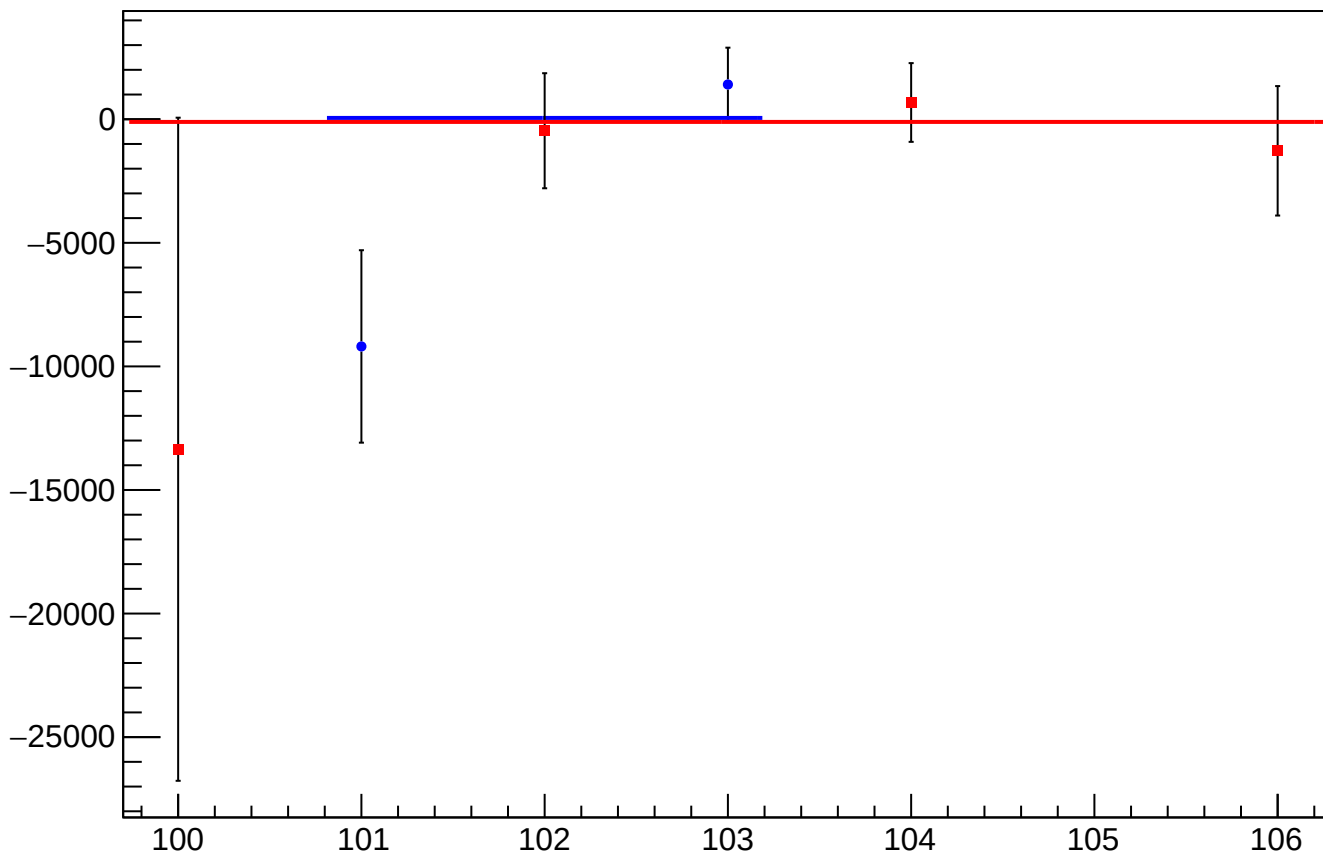
Right: 1254.741+/-0.550 χ^2/NDF : 203058.3/5

In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1254.741+/-0.550 χ^2/NDF : 203058.3/5

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.816+/-1170.378 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

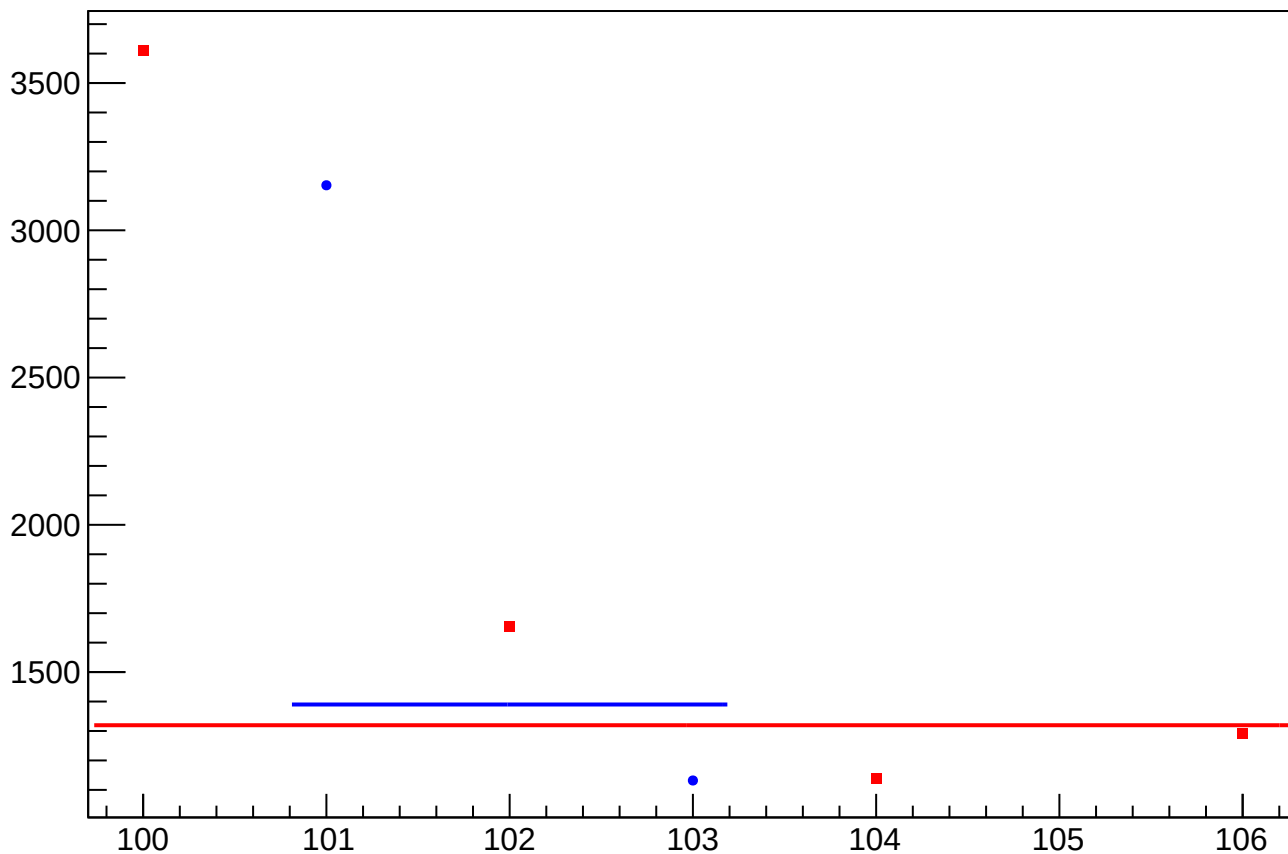
Right: -40.840+/-895.560 χ^2/NDF : 7.9/5

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.840+/-895.560 χ^2/NDF : 7.9/5

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.551+/-0.828 χ^2/NDF : 125605.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

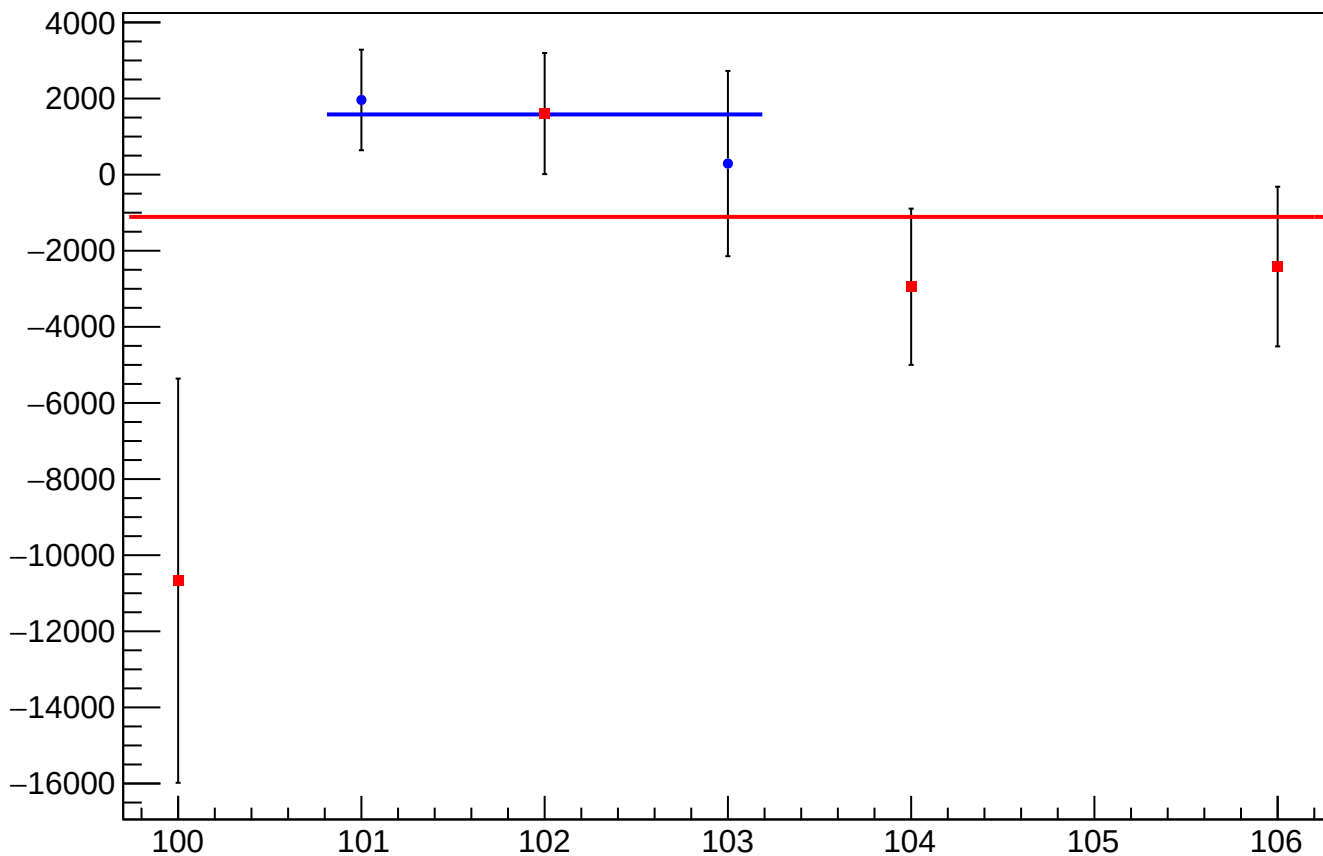
Right: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.987+/-1057.398 χ^2/NDF : 7.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

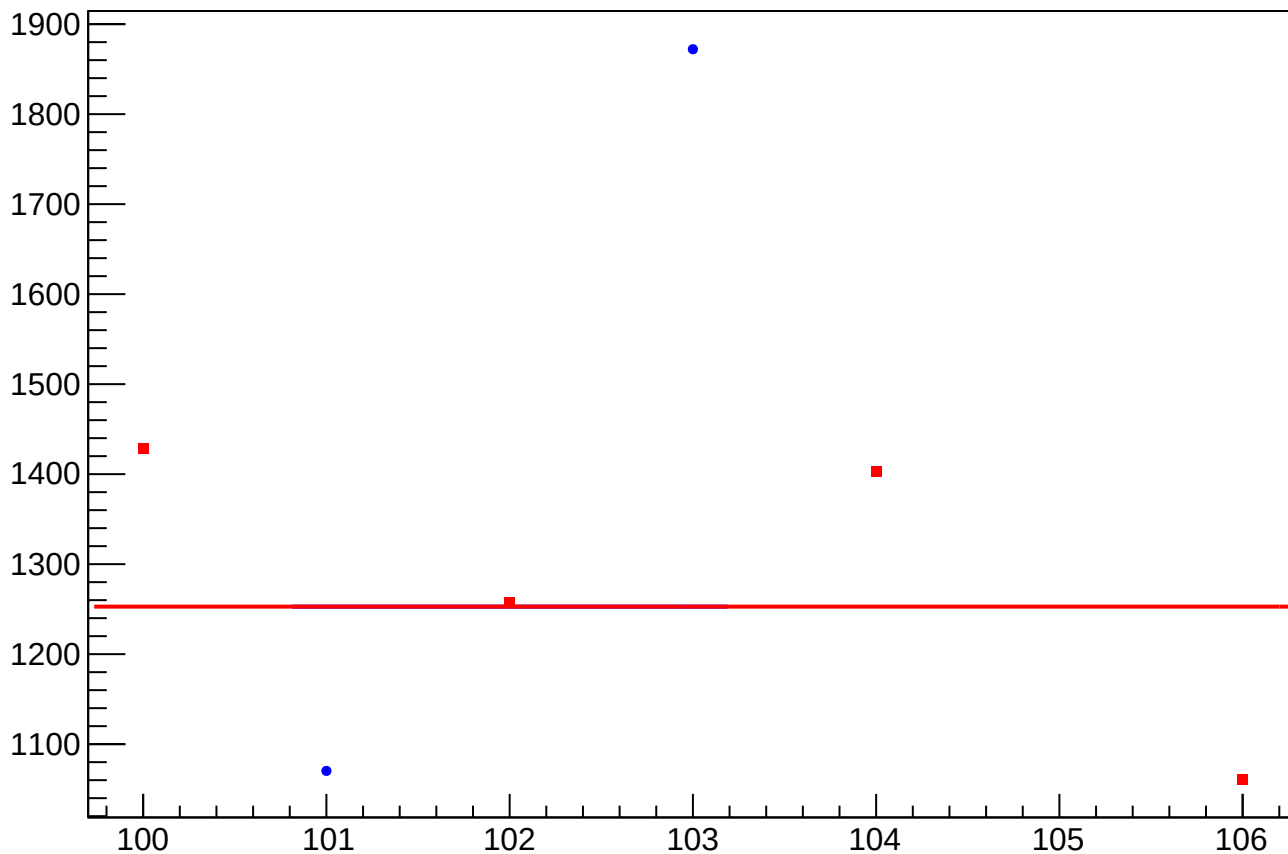
Right: 110.075+/-781.872 χ^2/NDF : 10.6/5

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.075+/-781.872 χ^2/NDF : 10.6/5

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1252.821+/-0.748 χ^2 /NDF: 29684.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

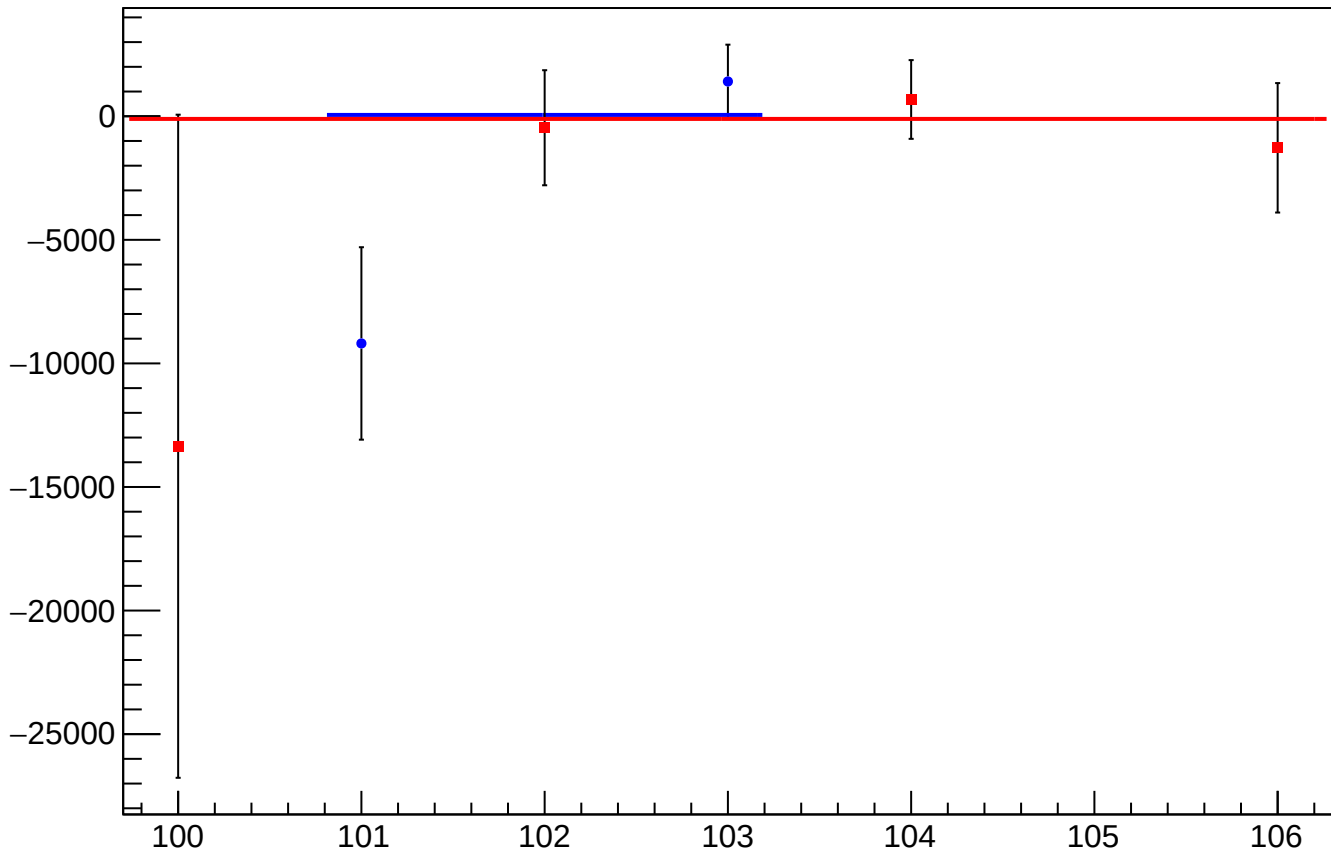
Right: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

In: 1252.801+/-0.821 χ^2 /NDF:167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -107.816+/-1170.378 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

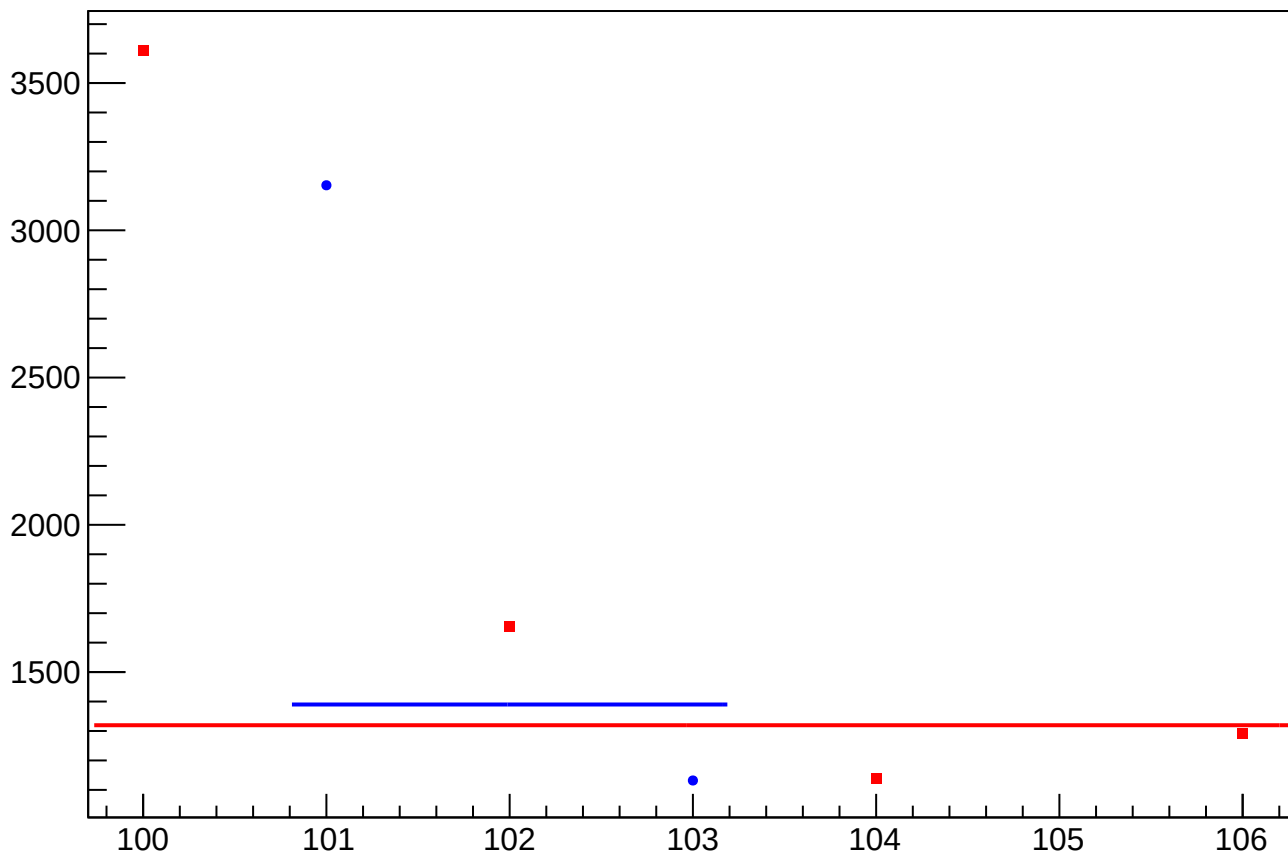
Right: -40.840+/-895.560 χ^2/NDF : 7.9/5

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.840+/-895.560 χ^2/NDF : 7.9/5

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.551+/-0.828 χ^2/NDF : 125605.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

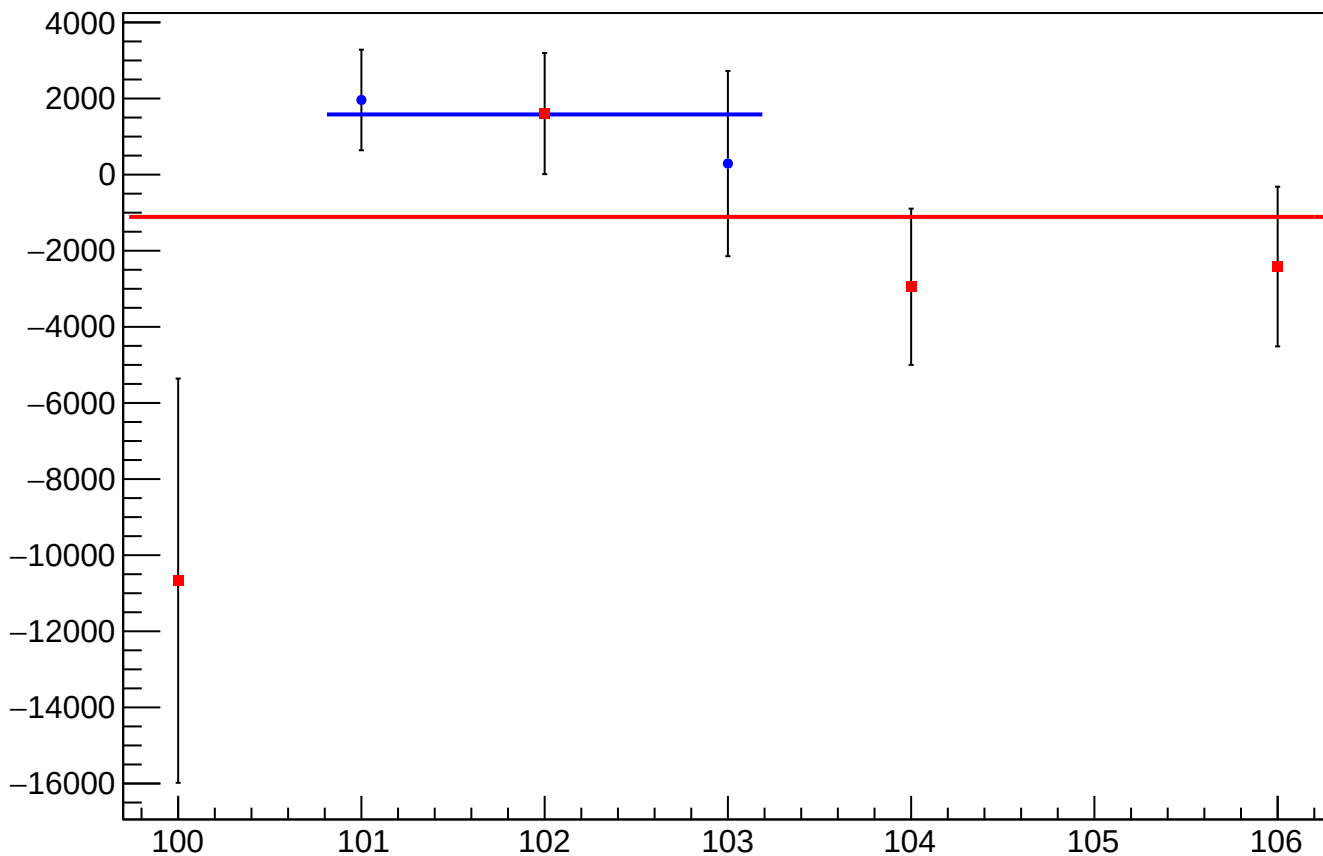
Right: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.722+/-0.633 χ^2/NDF : 598749.8/5

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.987+/-1057.398 χ^2/NDF : 7.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

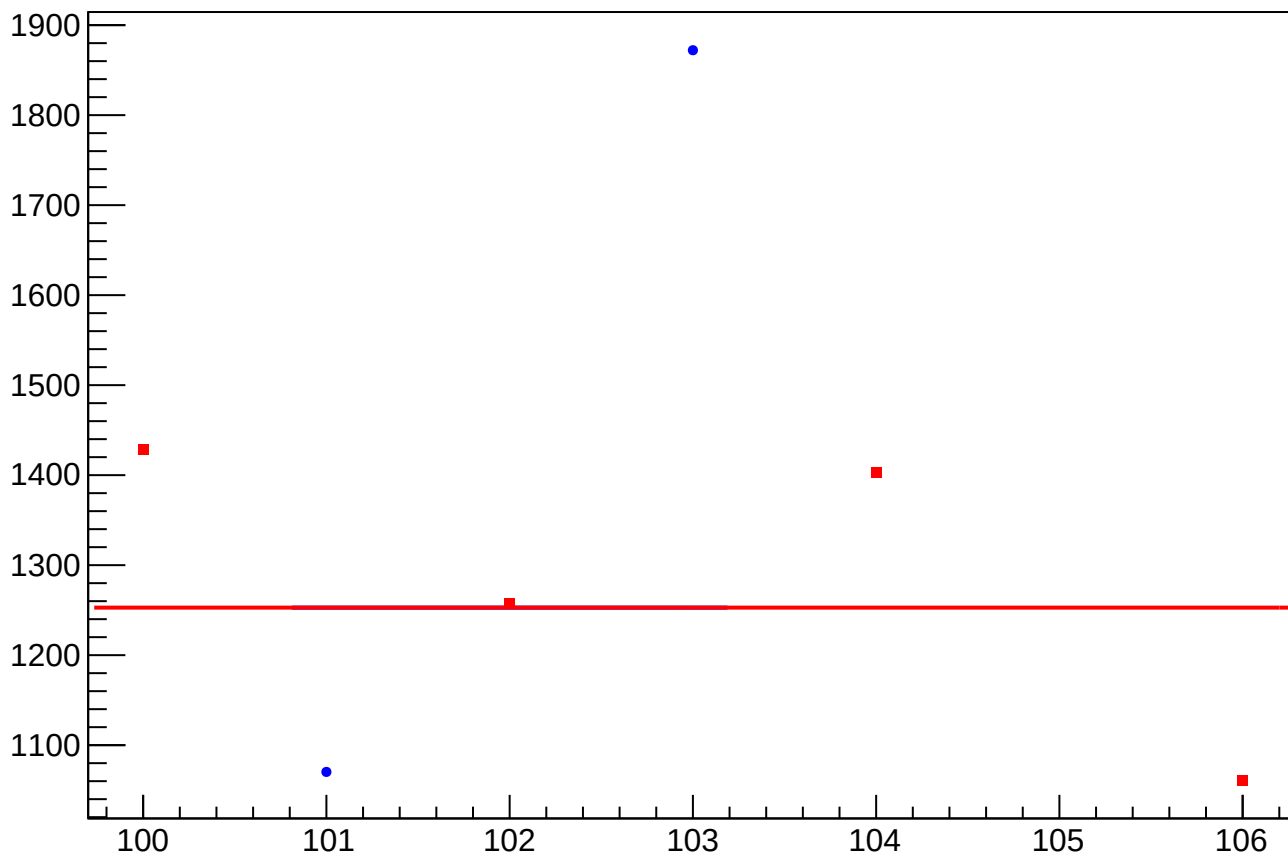
Right: 110.075+/-781.872 χ^2/NDF : 10.6/5

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.075+/-781.872 χ^2/NDF : 10.6/5

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1252.821+/-0.748 χ^2 /NDF: 29684.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

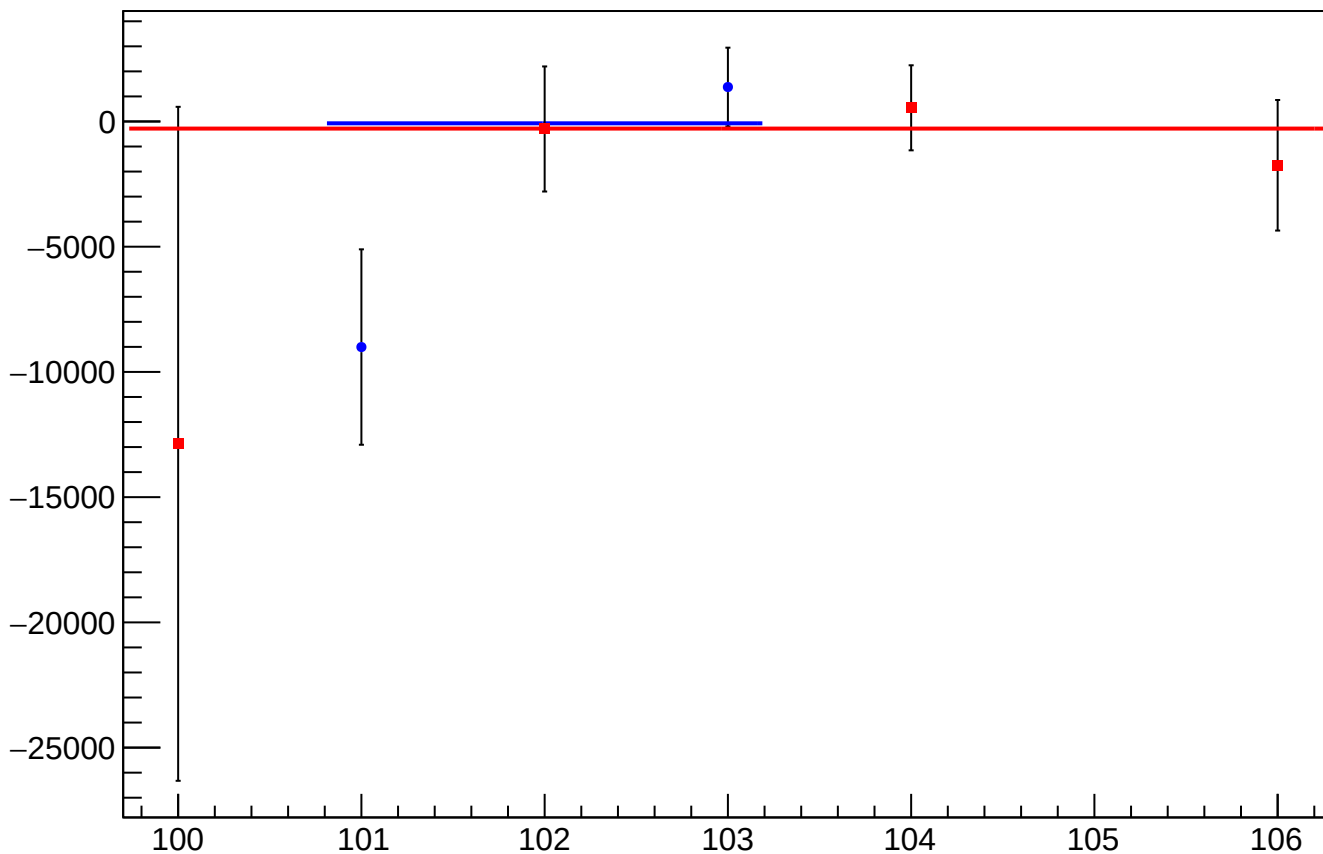
Right: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

In: 1252.801+/-0.821 χ^2 /NDF: 167617.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1252.812+/-0.553 χ^2 /NDF: 197301.9/5

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -73.610 $\pm$ 1457.490 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -284.002 $\pm$ 1230.994 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

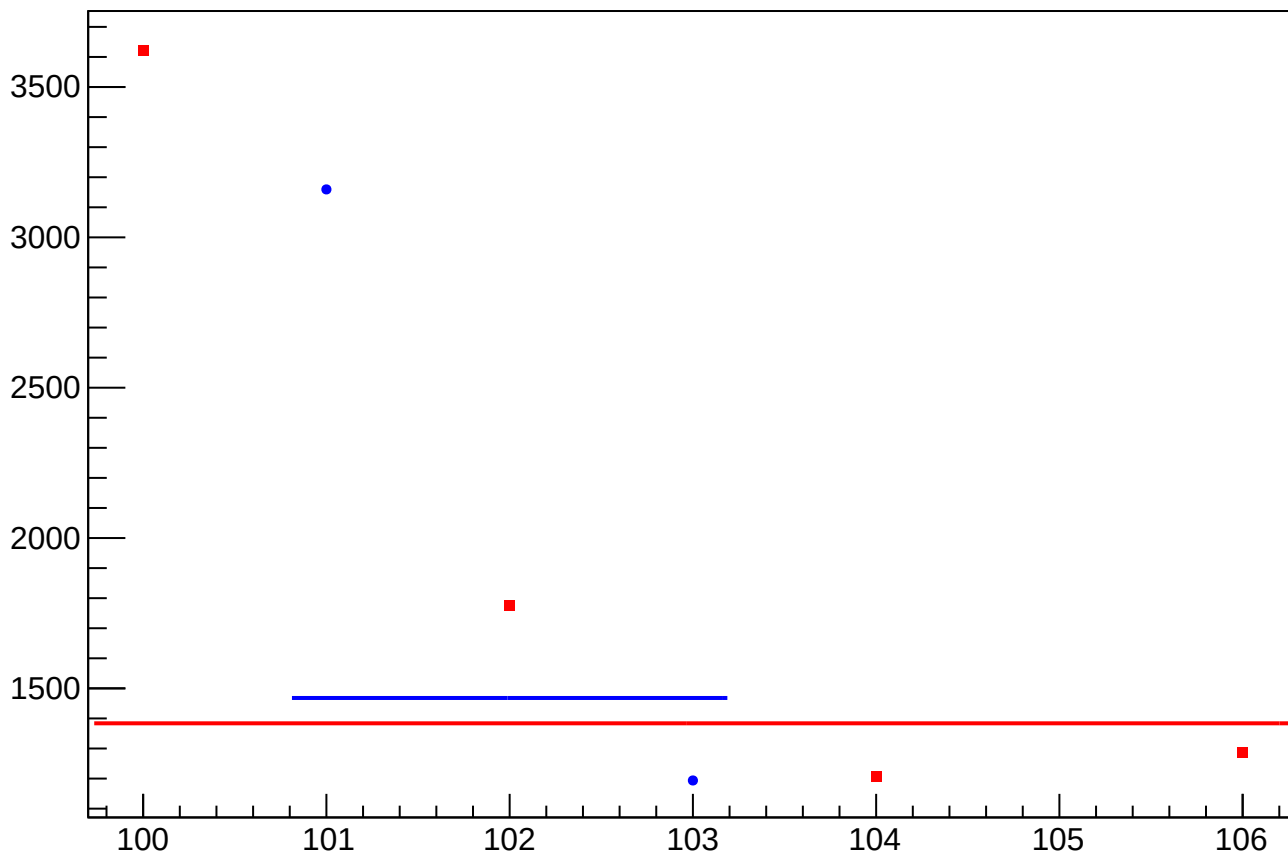
Right: -196.406 $\pm$ 940.445 χ^2 /NDF: 7.5/5

In: -73.610 $\pm$ 1457.490 χ^2 /NDF: 6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.406 $\pm$ 940.445 χ^2 /NDF: 7.5/5

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.796+/-0.870 χ^2/NDF : 128972.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

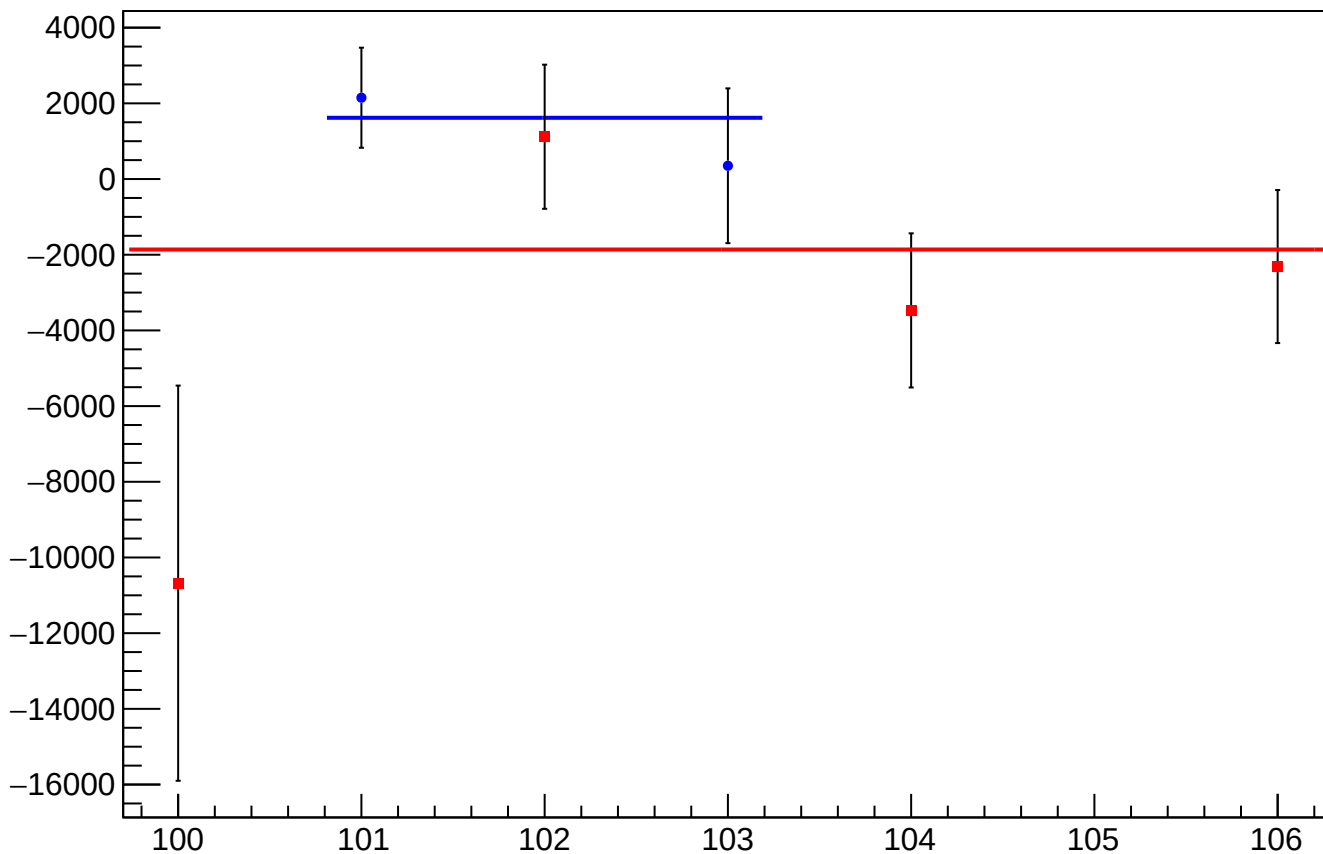
Right: 1418.881+/-0.665 χ^2/NDF : 569777.3/5

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.881+/-0.665 χ^2/NDF : 569777.3/5

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.392 $\pm$ 1110.622 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1861.840 $\pm$ 1119.321 χ^2 /NDF: 6.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

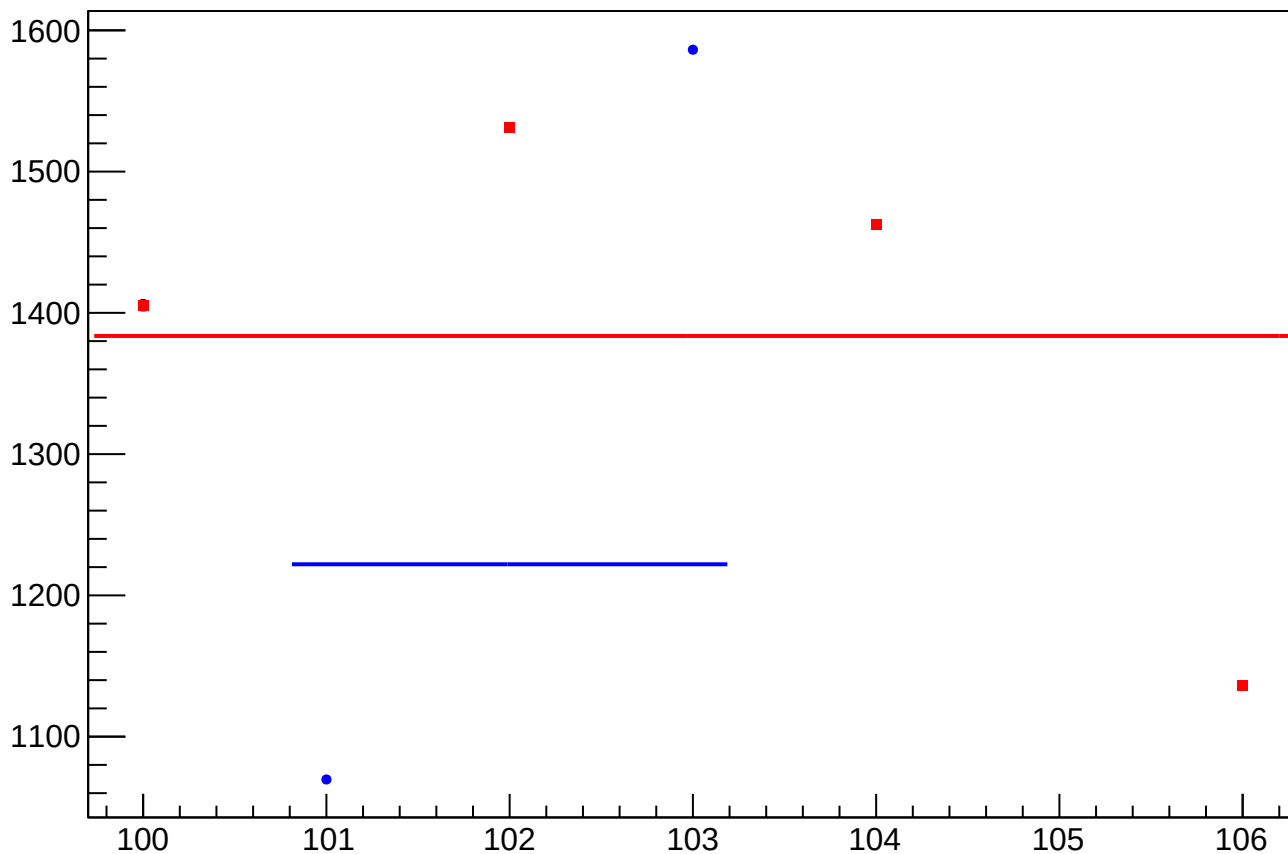
Right: -108.147 $\pm$ 788.386 χ^2 /NDF: 11.4/5

In: 1618.392 $\pm$ 1110.622 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -108.147 $\pm$ 788.386 χ^2 /NDF: 11.4/5

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.645+/-0.791 χ^2/NDF : 44898.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

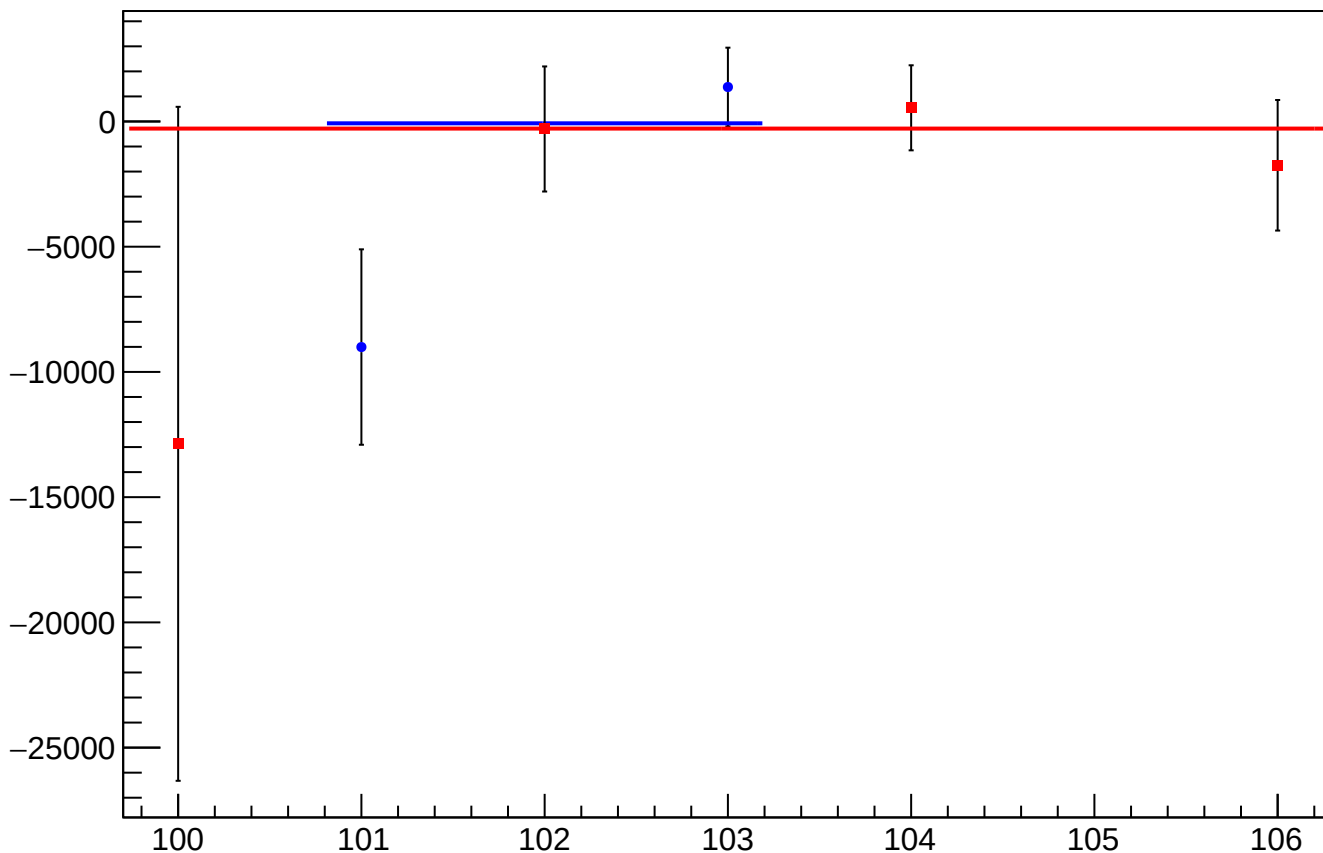
Right: 1302.201+/-0.557 χ^2/NDF : 155886.9/5

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.201+/-0.557 χ^2/NDF : 155886.9/5

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -73.616 $\pm$ 1457.489 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -284.002 $\pm$ 1230.994 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

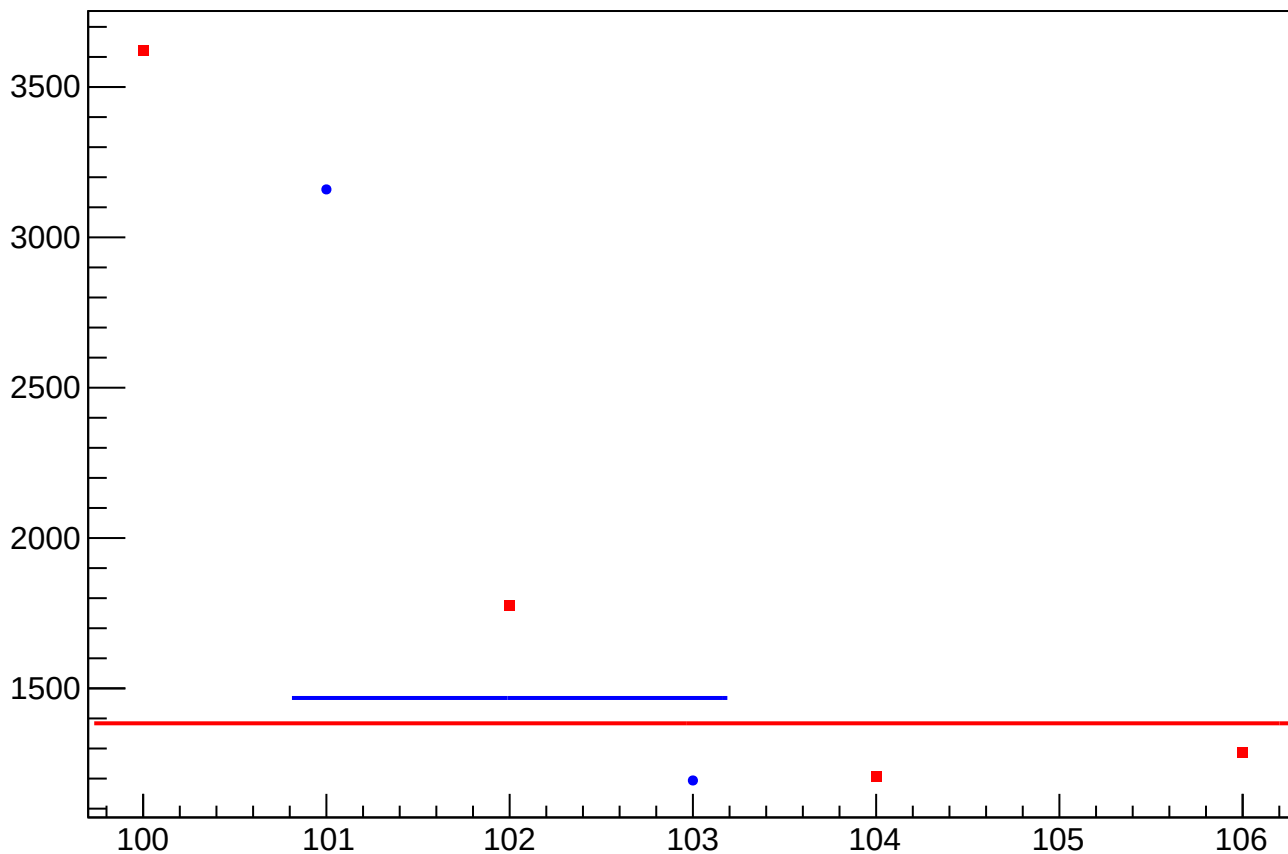
Right: -196.408 $\pm$ 940.444 χ^2 /NDF: 7.5/5

In: -73.616 $\pm$ 1457.489 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -196.408 $\pm$ 940.444 χ^2 /NDF: 7.5/5

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.796+/-0.870 χ^2/NDF : 128972.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

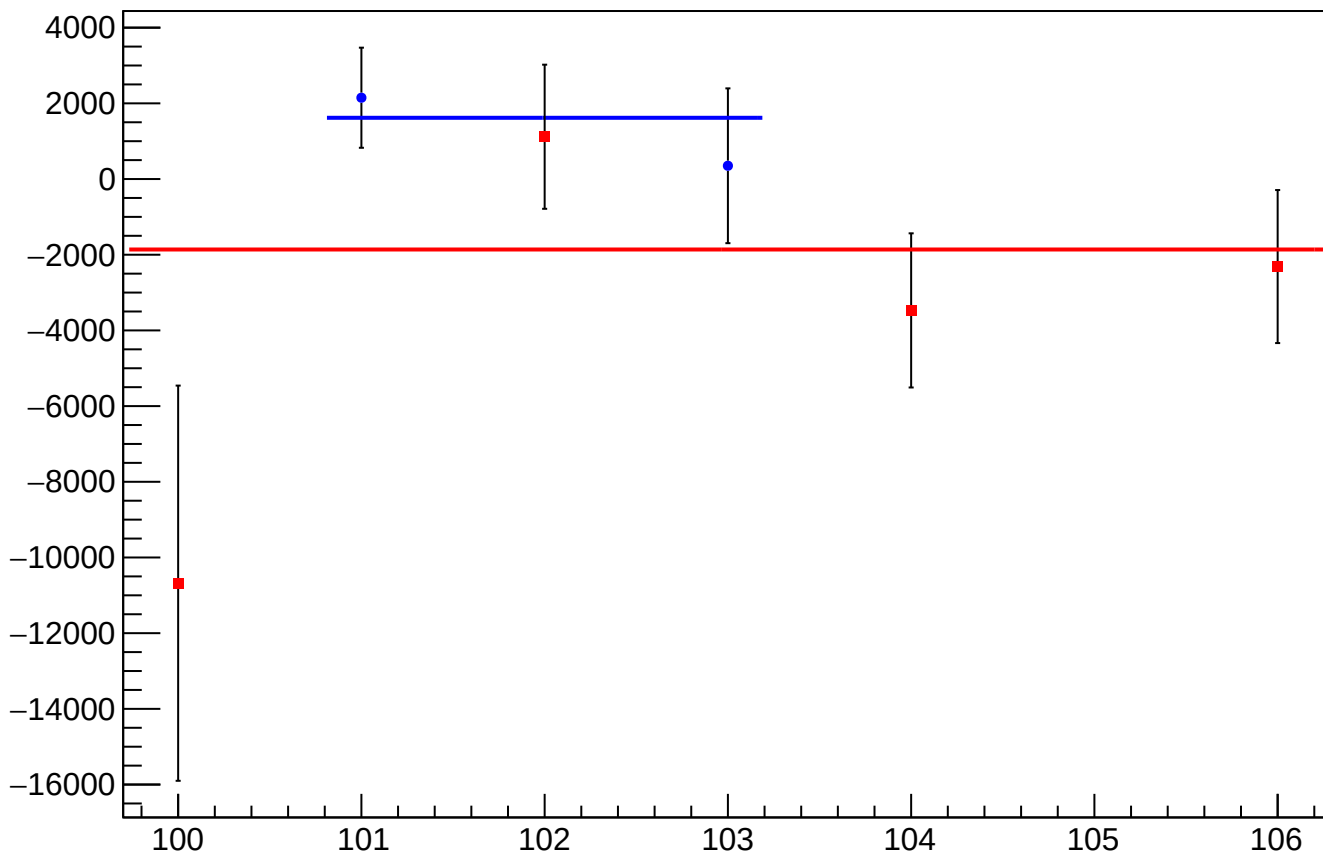
Right: 1418.881+/-0.665 χ^2/NDF : 569777.7/5

In: 1468.067+/-1.031 χ^2/NDF : 436902.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.881+/-0.665 χ^2/NDF : 569777.7/5

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.386 $\pm$ 1110.617 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1861.844 $\pm$ 1119.321 χ^2 /NDF: 6.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

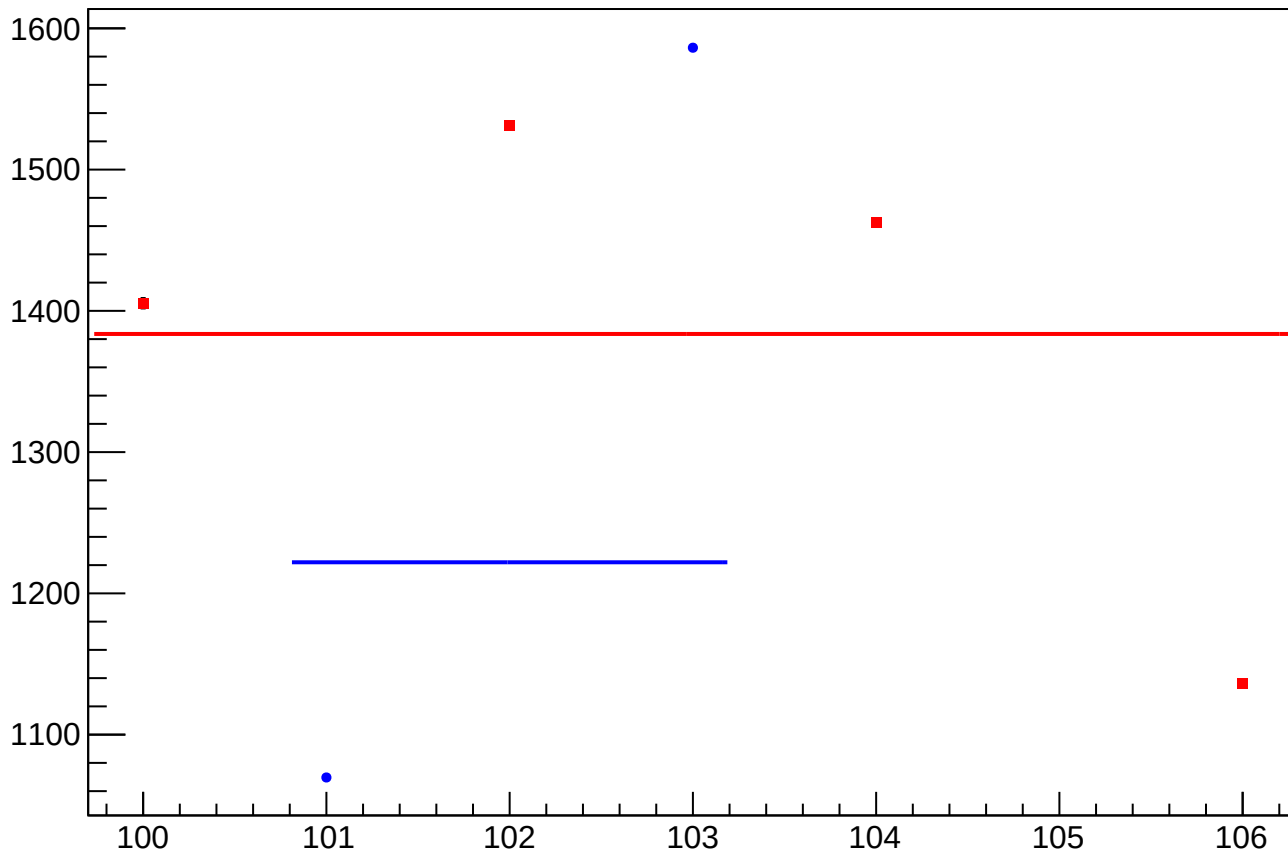
Right: -108.145 $\pm$ 788.384 χ^2 /NDF: 11.4/5

In: 1618.386 $\pm$ 1110.617 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -108.145 $\pm$ 788.384 χ^2 /NDF: 11.4/5

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1383.644+/-0.791 χ^2/NDF : 44901.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

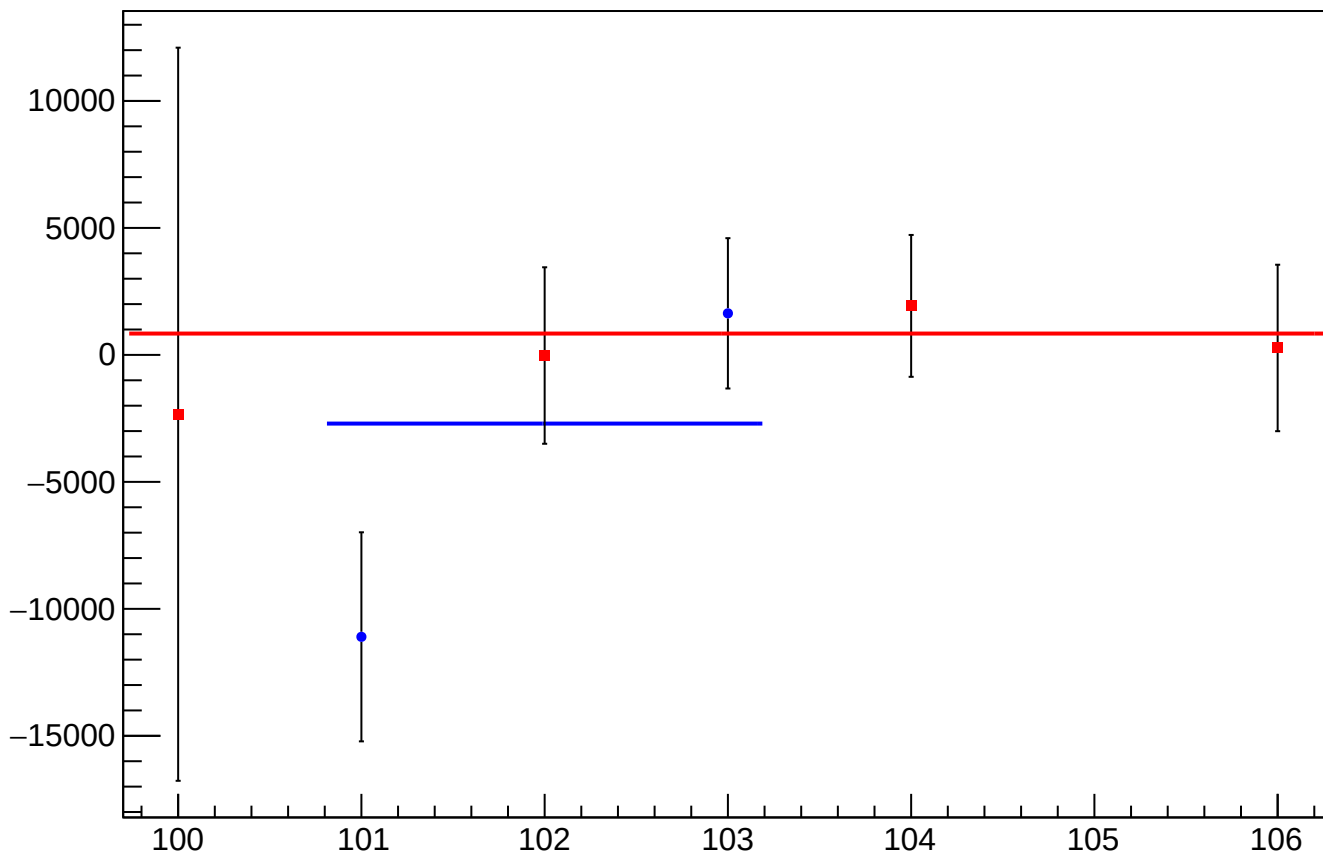
Right: 1302.196+/-0.557 χ^2/NDF : 155895.8/5

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1302.196+/-0.557 χ^2/NDF : 155895.8/5

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -2704.555 $\pm$ 2403.097 χ^2 /NDF: 6.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 840.426 $\pm$ 1799.269 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

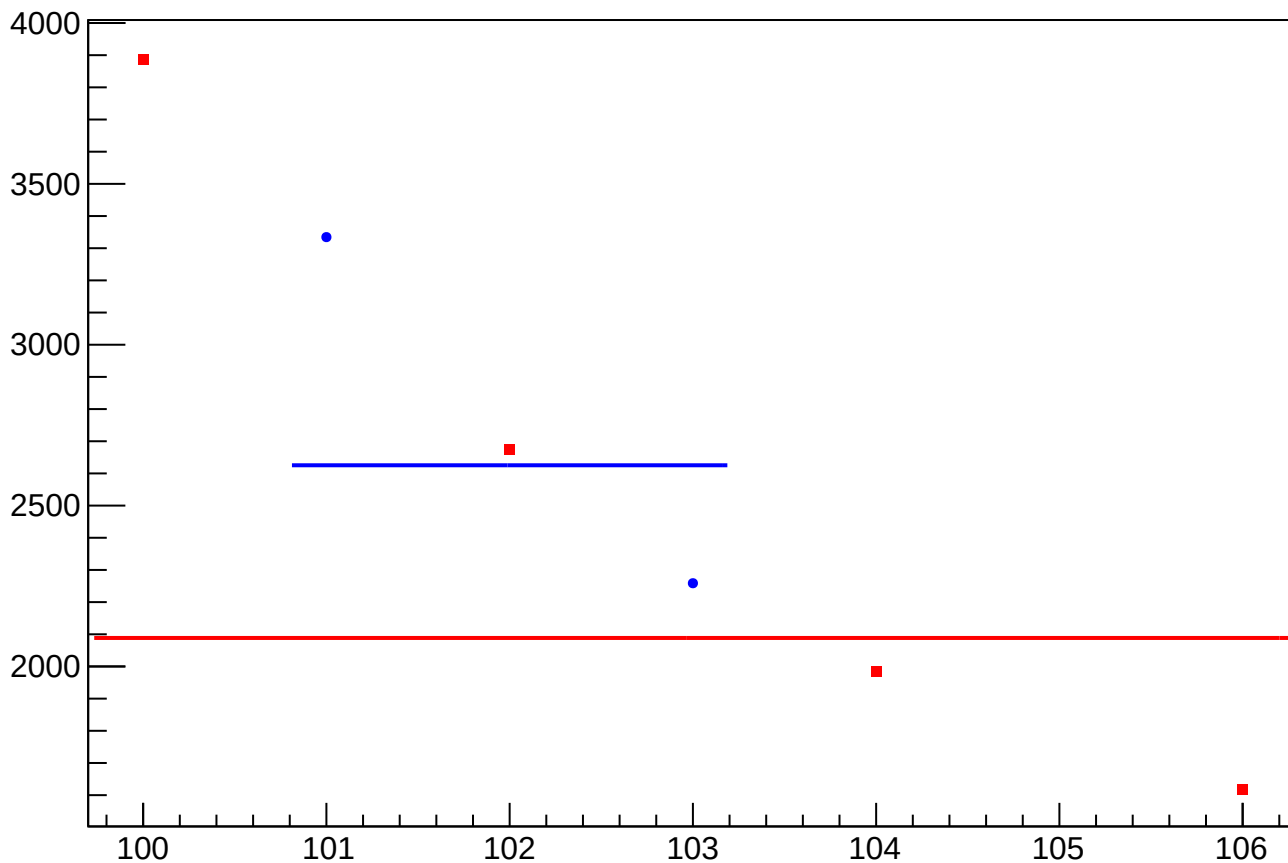
Right: -432.998 $\pm$ 1440.294 χ^2 /NDF: 8.0/5

In: -2704.555 $\pm$ 2403.097 χ^2 /NDF: 6.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -432.998 $\pm$ 1440.294 χ^2 /NDF: 8.0/5

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2088.584+/-1.272 χ^2/NDF : 131676.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

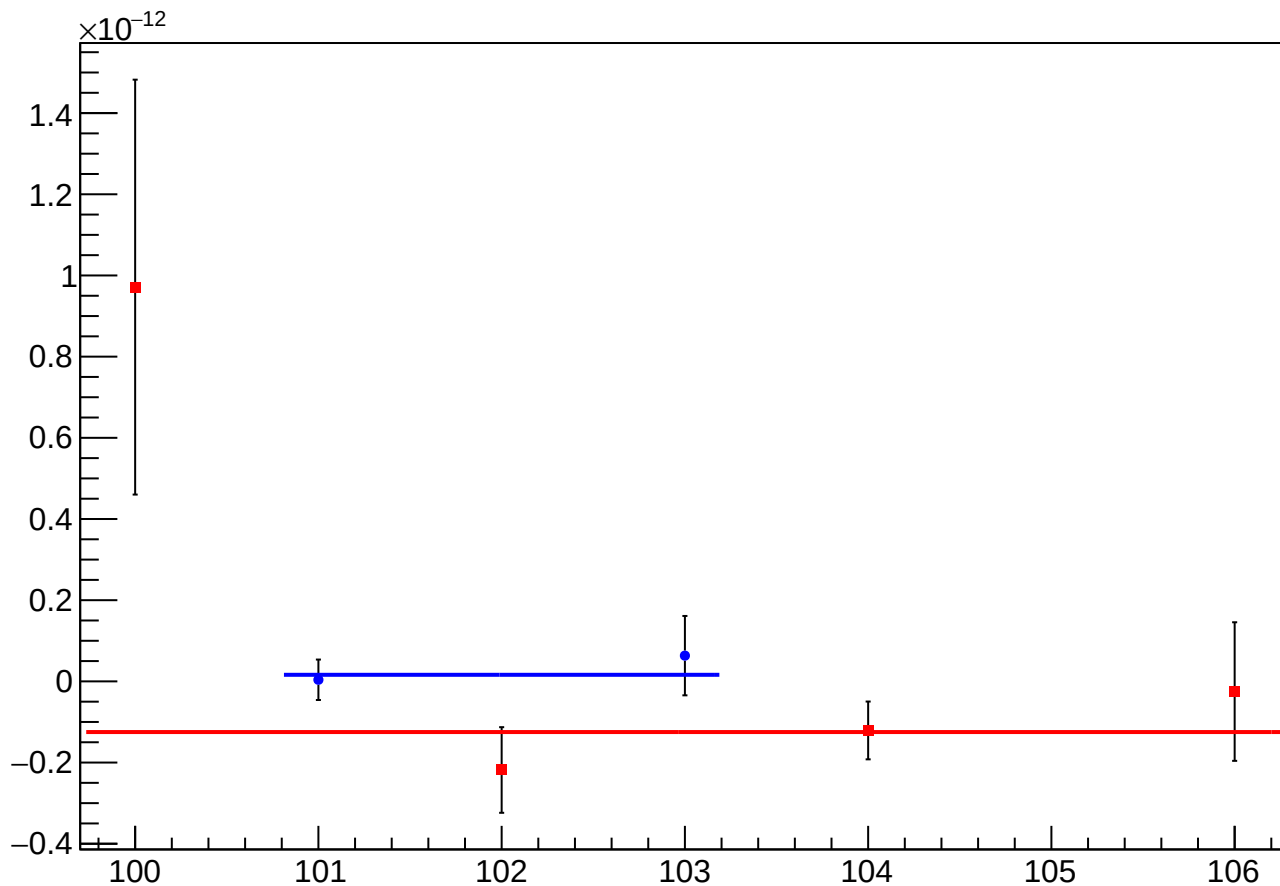
Right: 2281.379+/-1.018 χ^2/NDF : 285659.2/5

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2281.379+/-1.018 χ^2/NDF : 285659.2/5

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

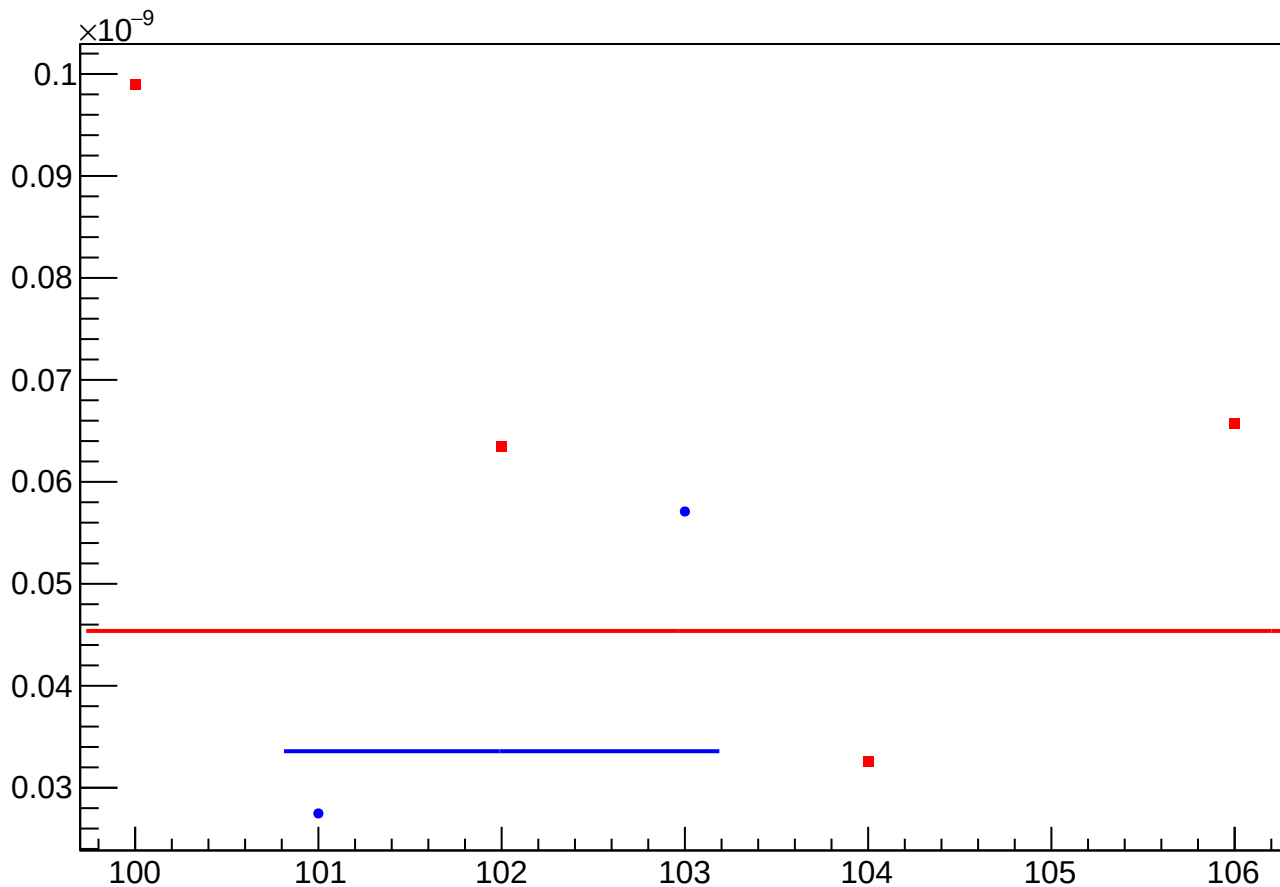
Right: -0.000+/-0.000 χ^2/NDF : 10.0/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/5

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 173683.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

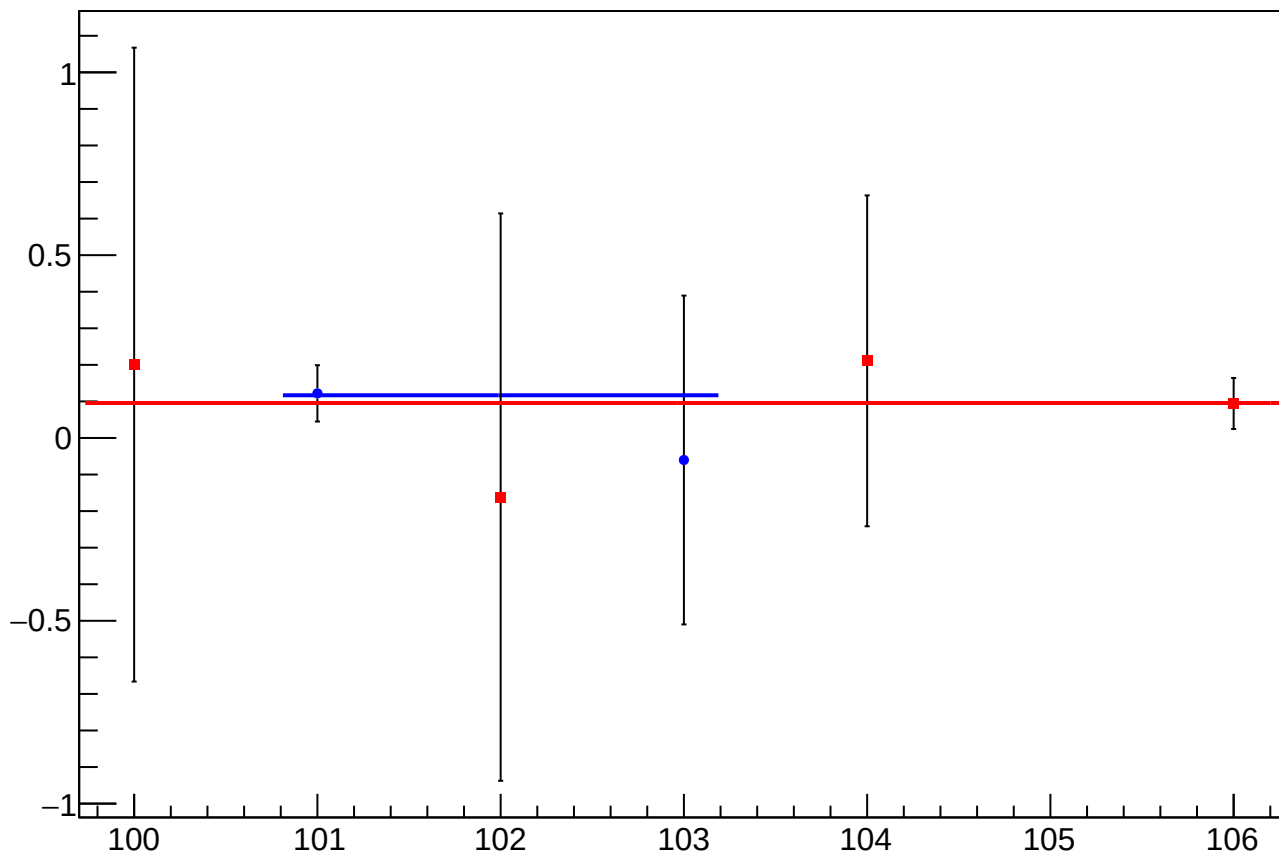
Right: 0.000+/-0.000 χ^2/NDF : 374524.4/5

In: 0.000+/-0.000 χ^2/NDF : 145653.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 374524.4/5

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

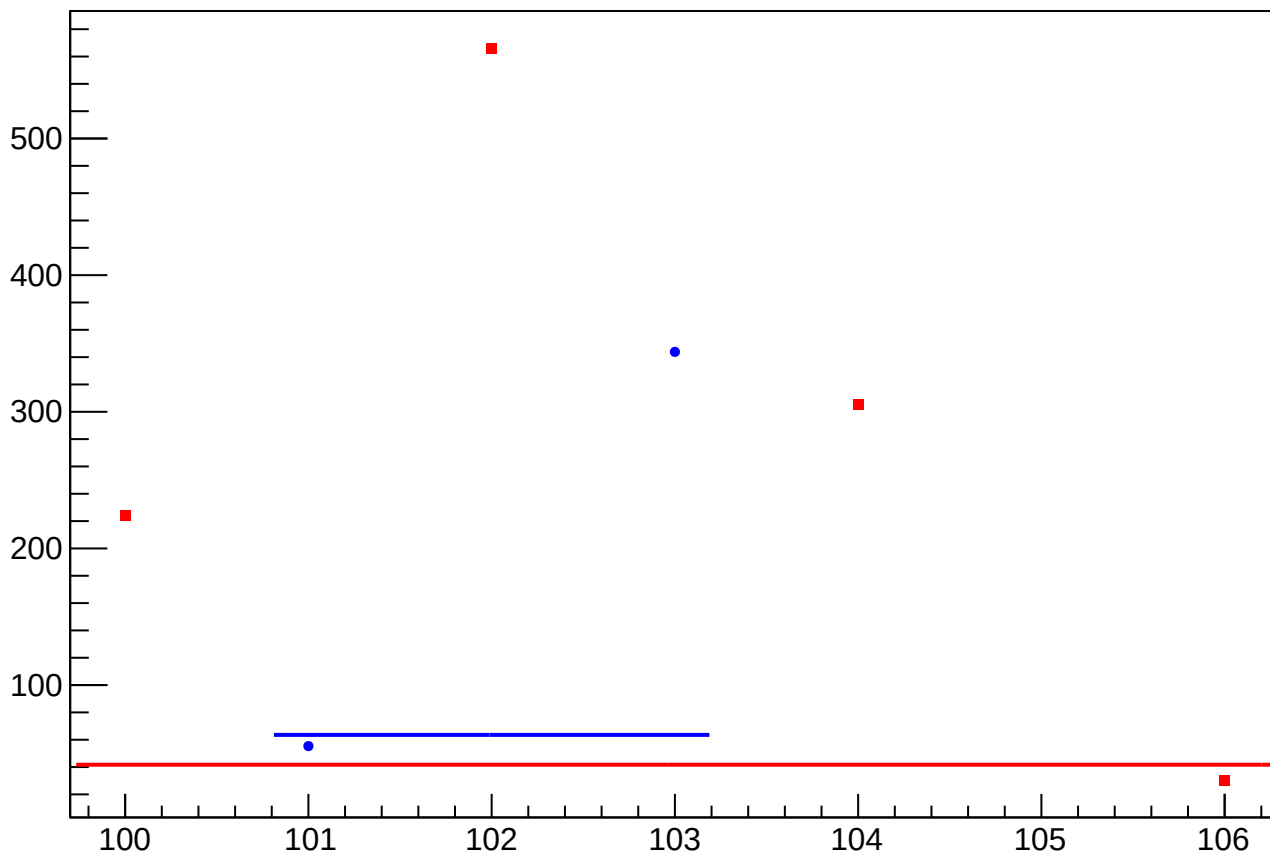
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_at1_dd_at2_dd_avg_dit_vs_slug, Sign Corrected



Right In: 63.547 ± 0.054 $\chi^2/\text{NDF}: 799974.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 41.710 ± 0.048 $\chi^2/\text{NDF}: 1738794.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

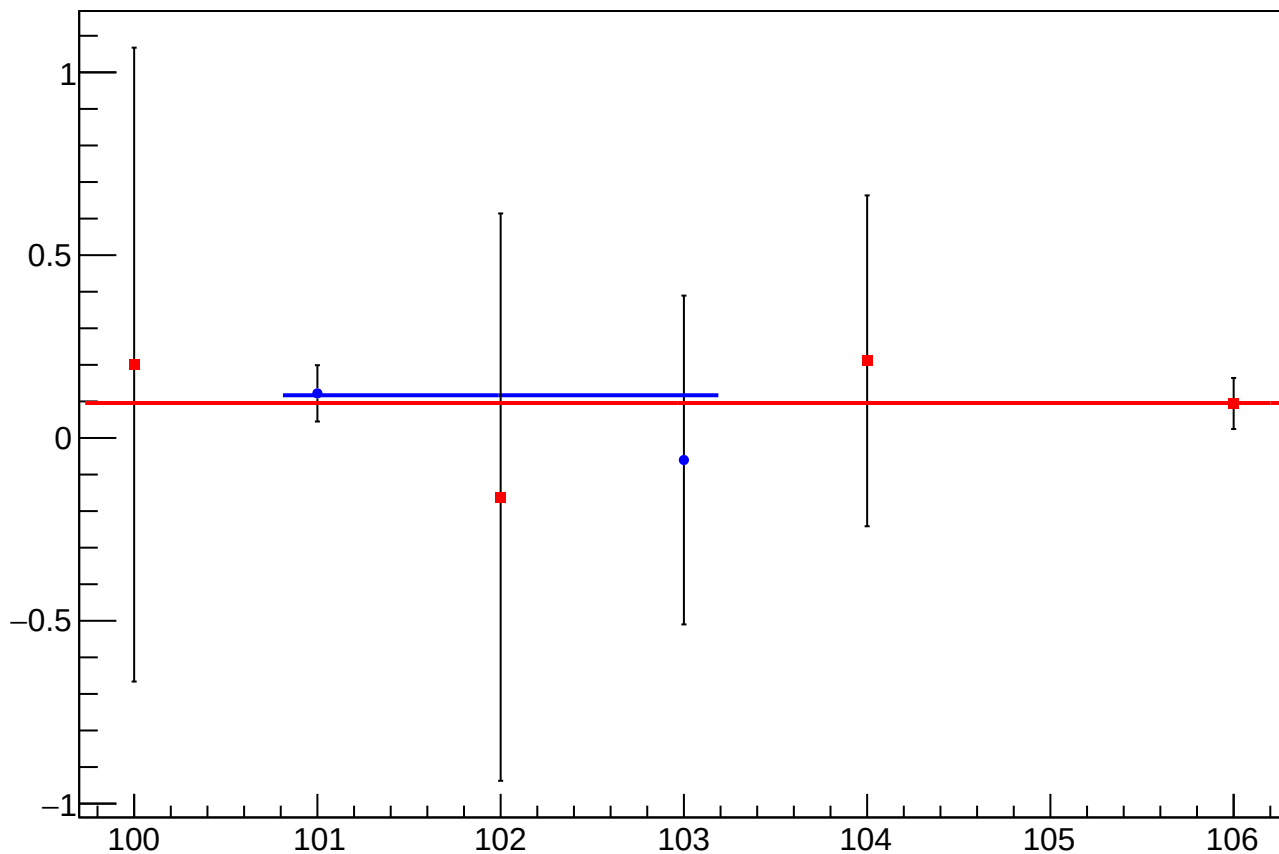
Right: 51.515 ± 0.036 $\chi^2/\text{NDF}: 2629992.8/5$

In: 63.547 ± 0.054 $\chi^2/\text{NDF}: 799974.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 51.515 ± 0.036 $\chi^2/\text{NDF}: 2629992.8/5$

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

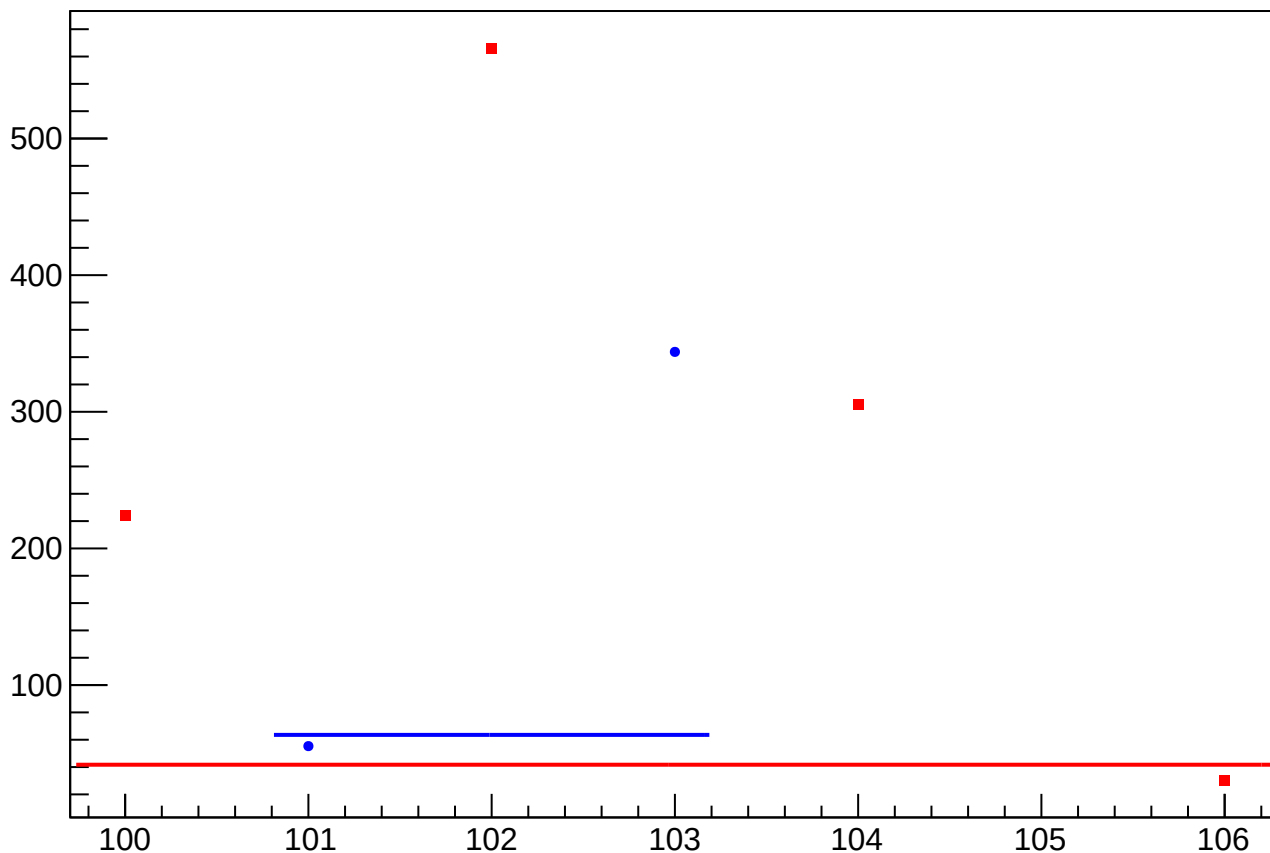
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.710+/-0.048 χ^2/NDF : 1738794.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

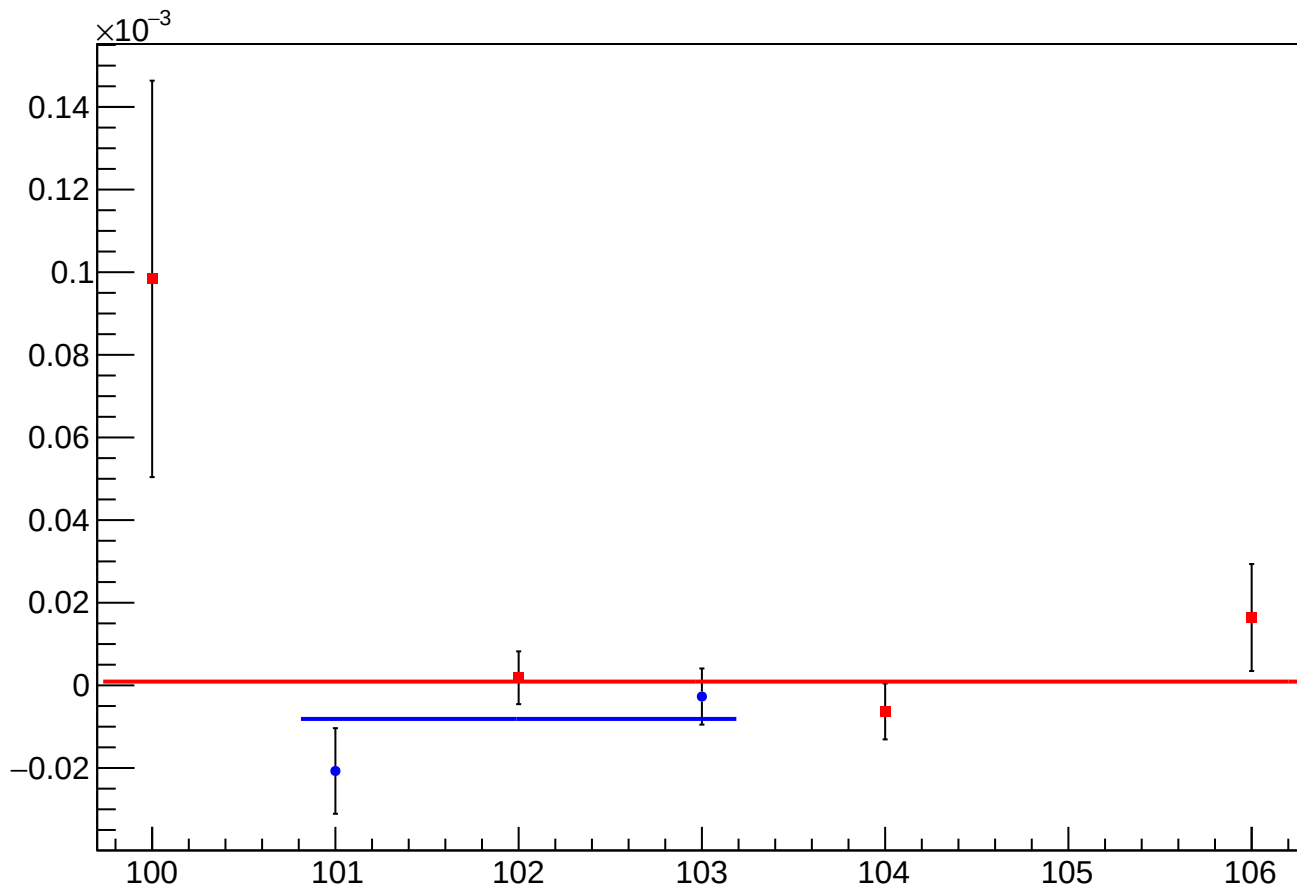
Right: 51.515+/-0.036 χ^2/NDF : 2629992.8/5

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.515+/-0.036 χ^2/NDF : 2629992.8/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

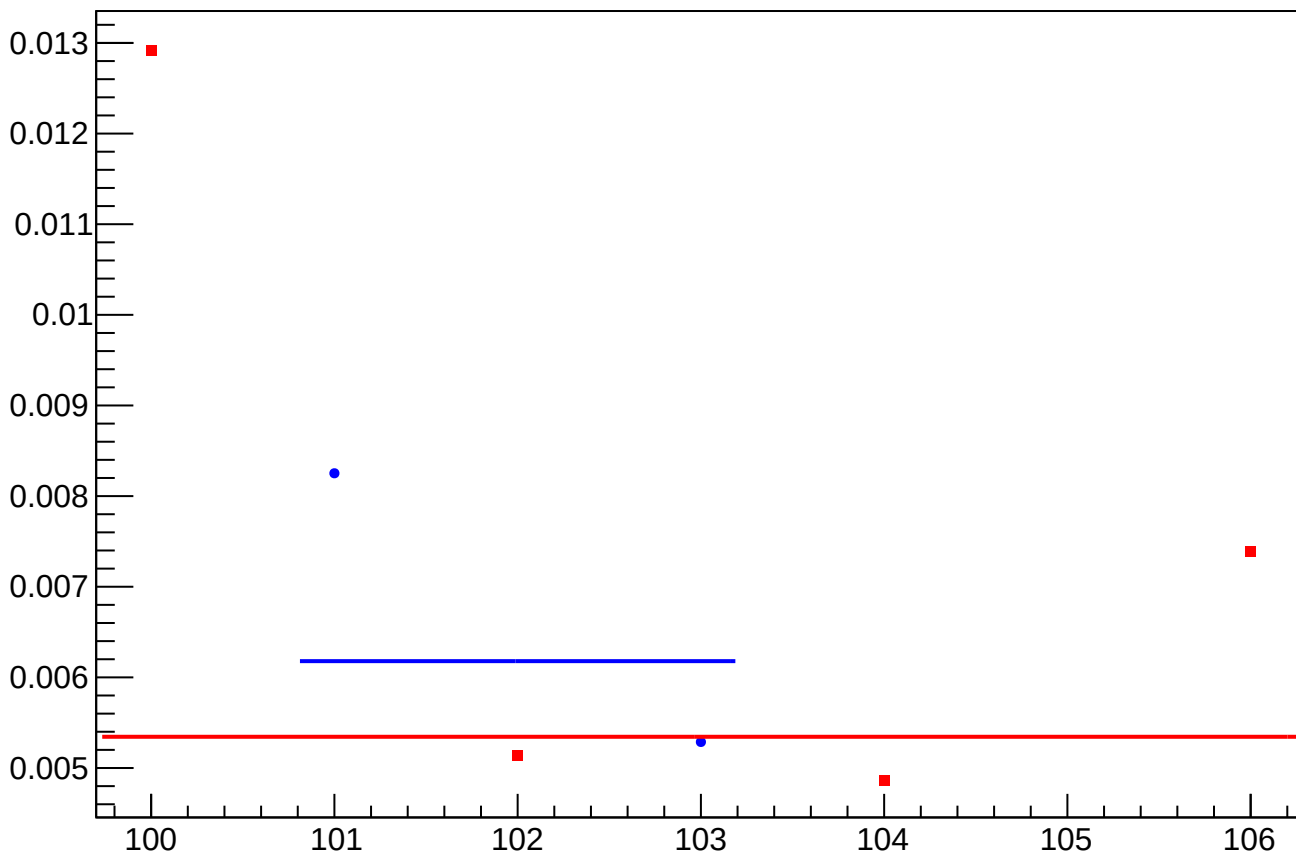
Right: -0.000+/-0.000 χ^2/NDF : 10.4/5

In: -0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 111481.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

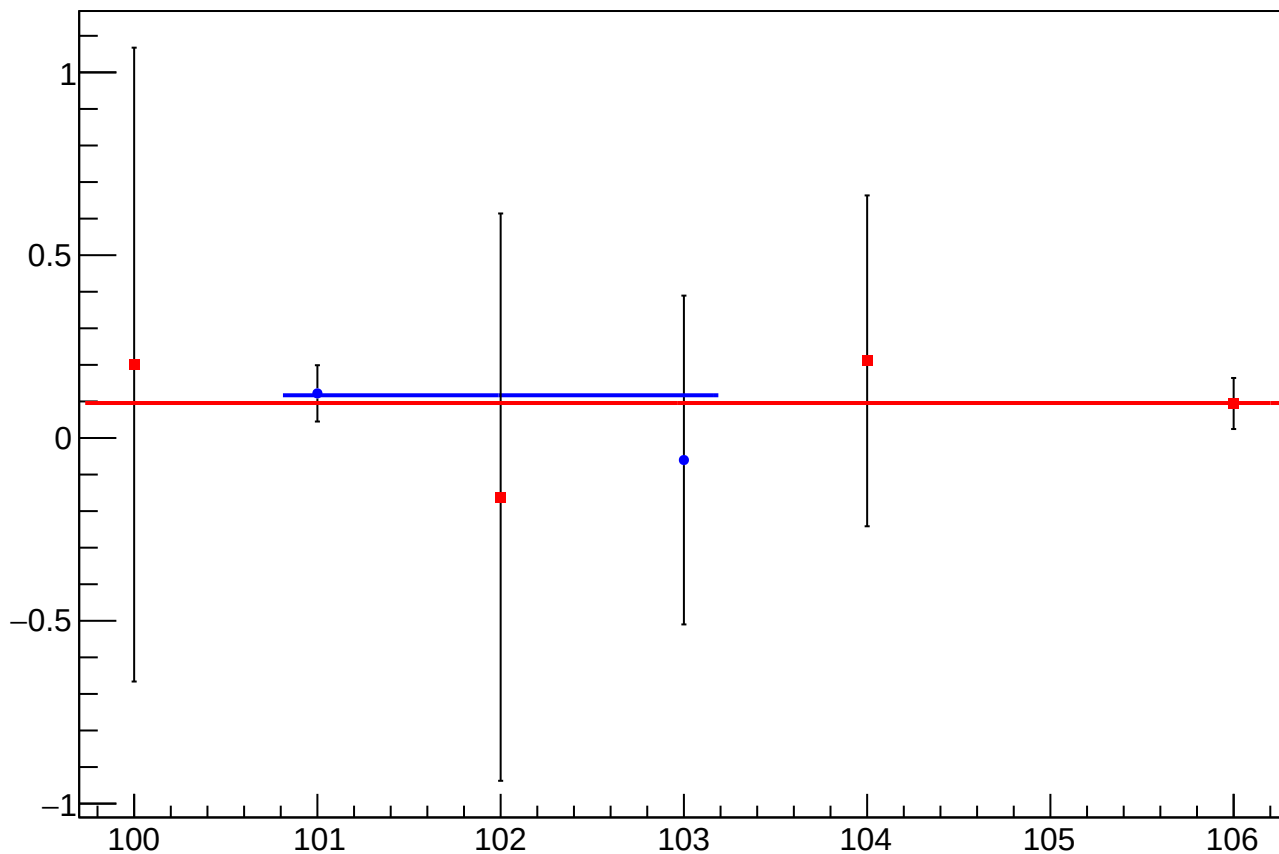
Right: 0.006+/-0.000 χ^2/NDF : 253026.7/5

In: 0.006+/-0.000 χ^2/NDF : 114384.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 253026.7/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

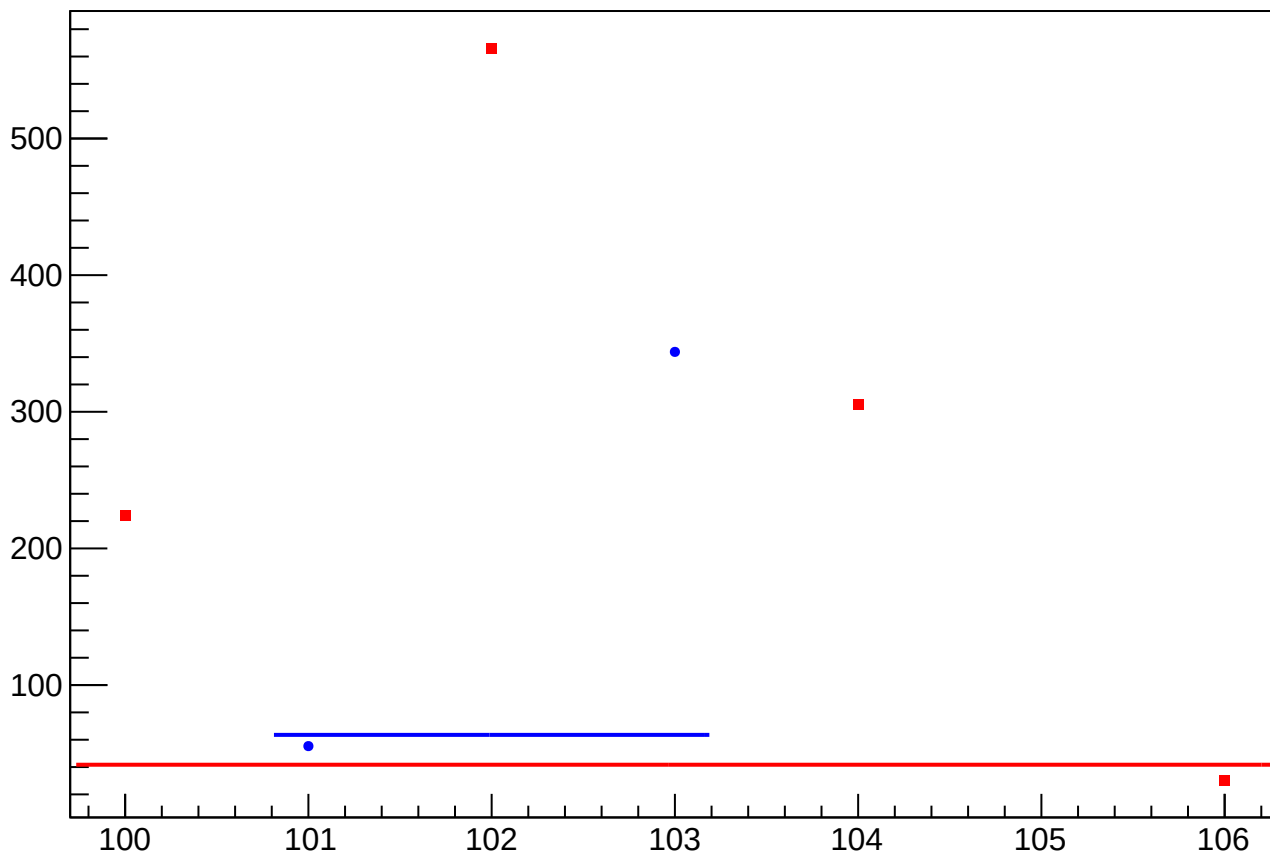
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.703+/-0.048 χ^2/NDF : 1738842.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

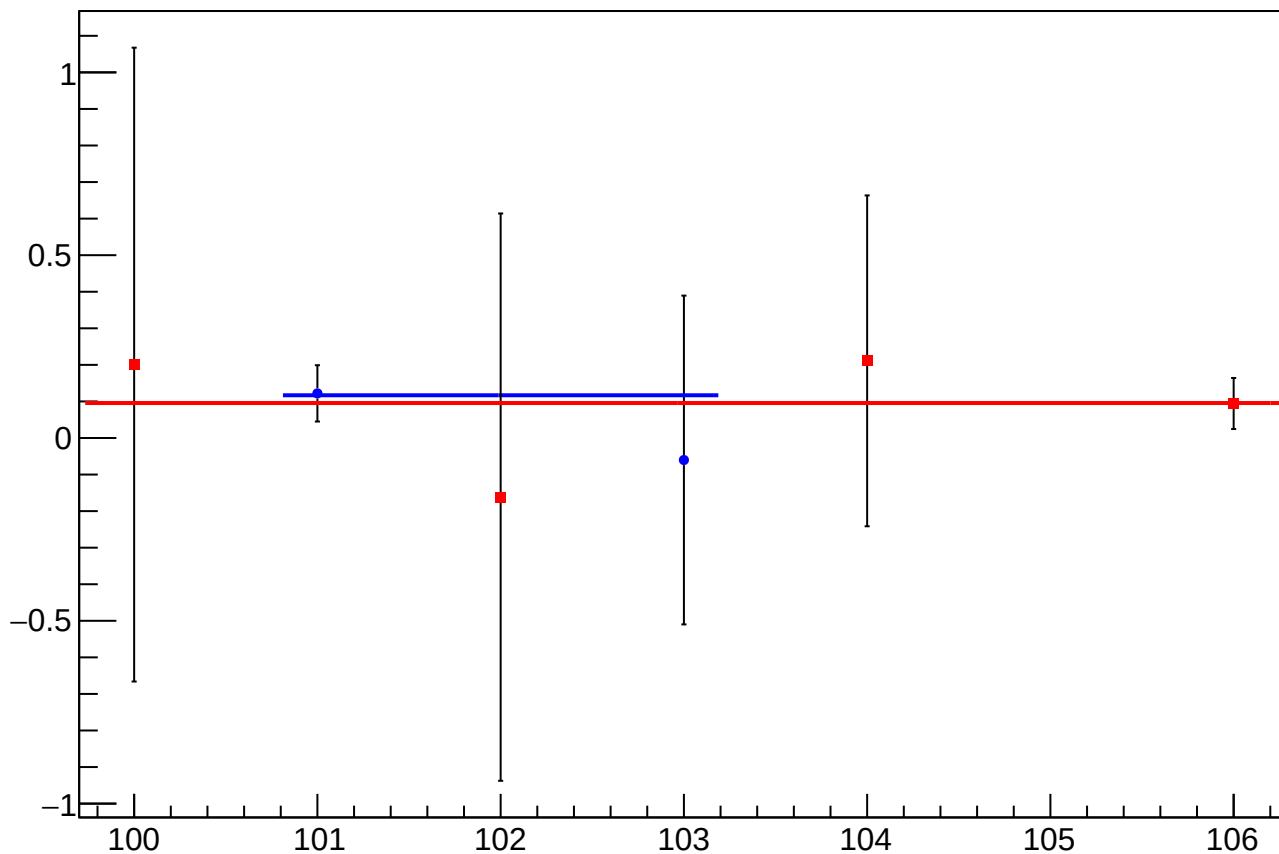
Right: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.511+/-0.036 χ^2/NDF : 2630115.7/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.096 $\pm$ 0.069 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

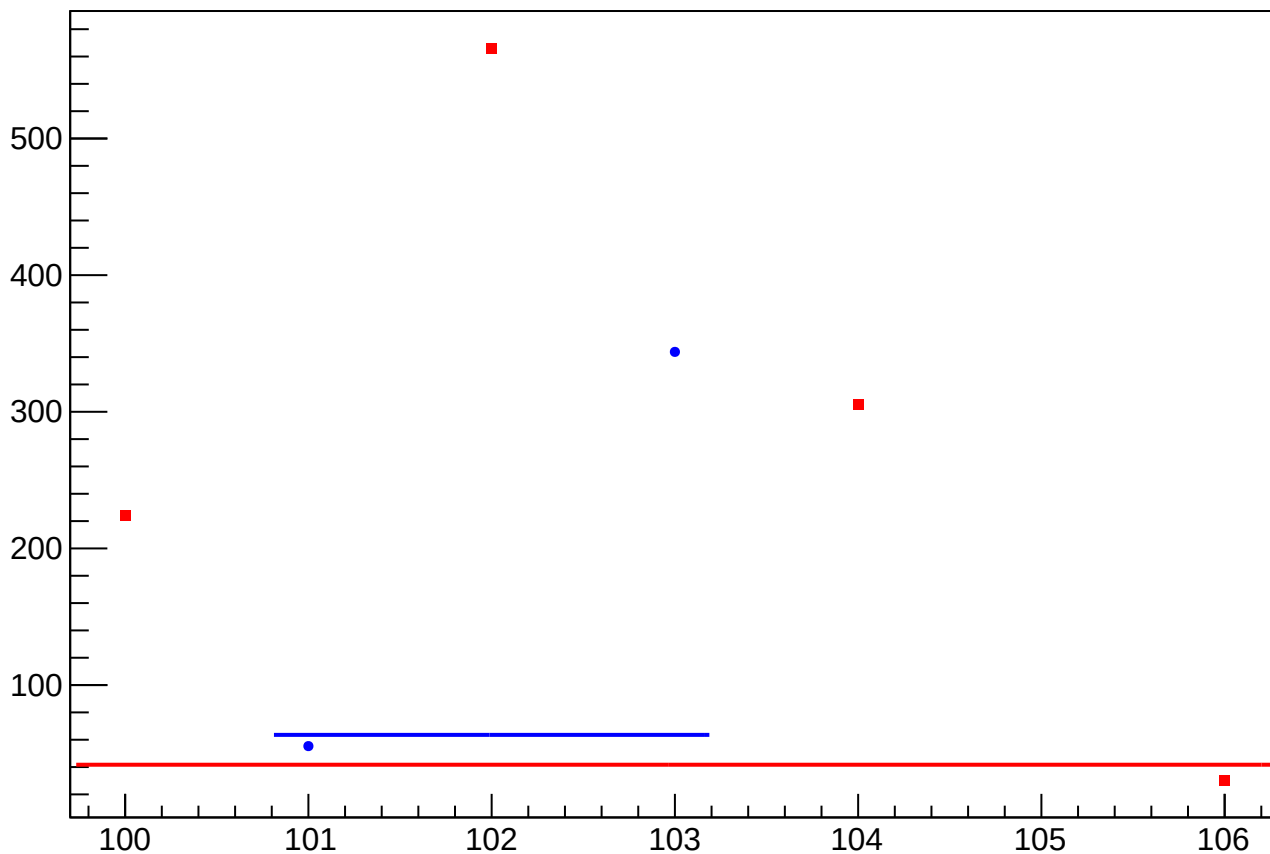
Right: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

In: 0.117 $\pm$ 0.076 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.105 $\pm$ 0.051 χ^2 /NDF: 0.4/5

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.552 $\pm$ 0.054 χ^2 /NDF: 799946.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.703 $\pm$ 0.048 χ^2 /NDF: 1738842.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

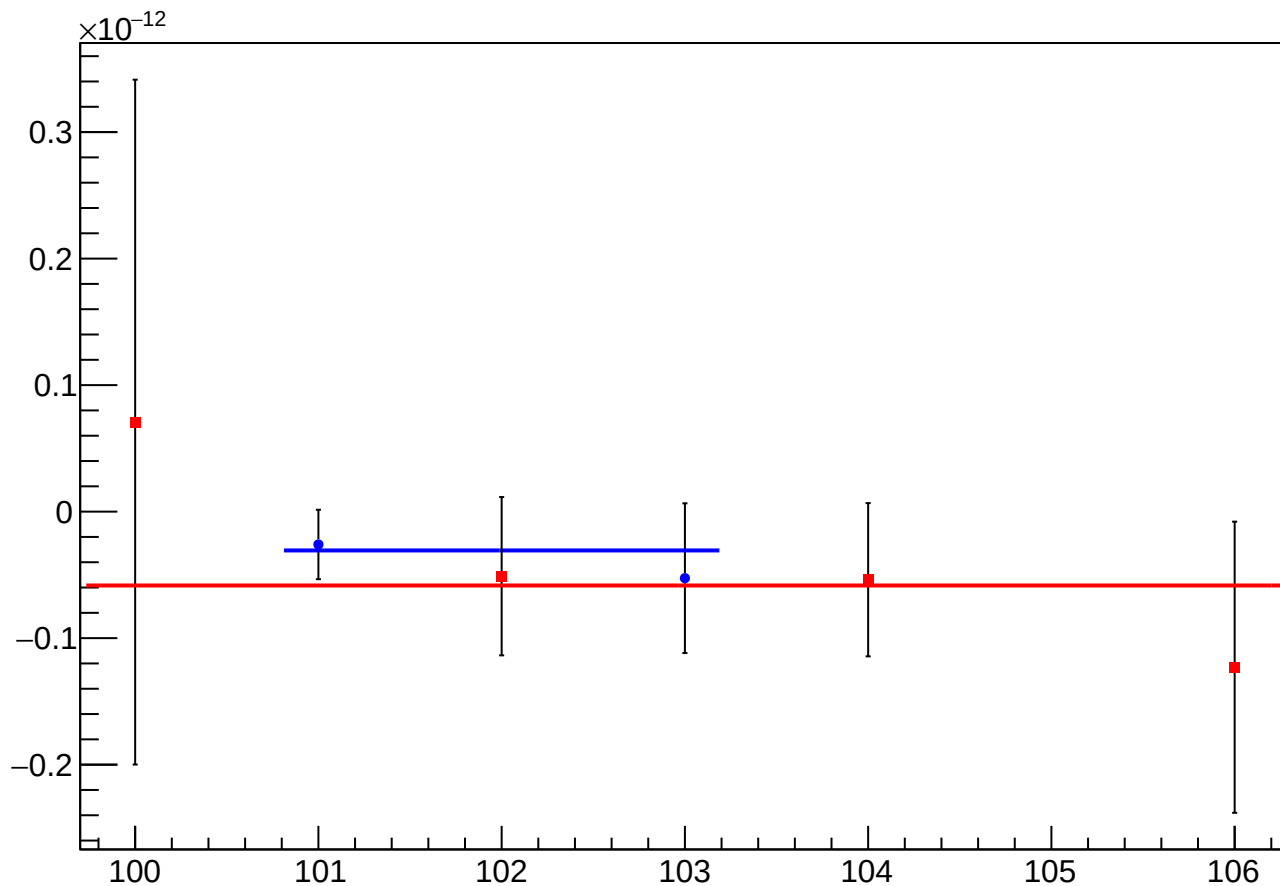
Right: 51.511 $\pm$ 0.036 χ^2 /NDF: 2630115.7/5

In: 63.552 $\pm$ 0.054 χ^2 /NDF:799946.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.511 $\pm$ 0.036 χ^2 /NDF: 2630115.7/5

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

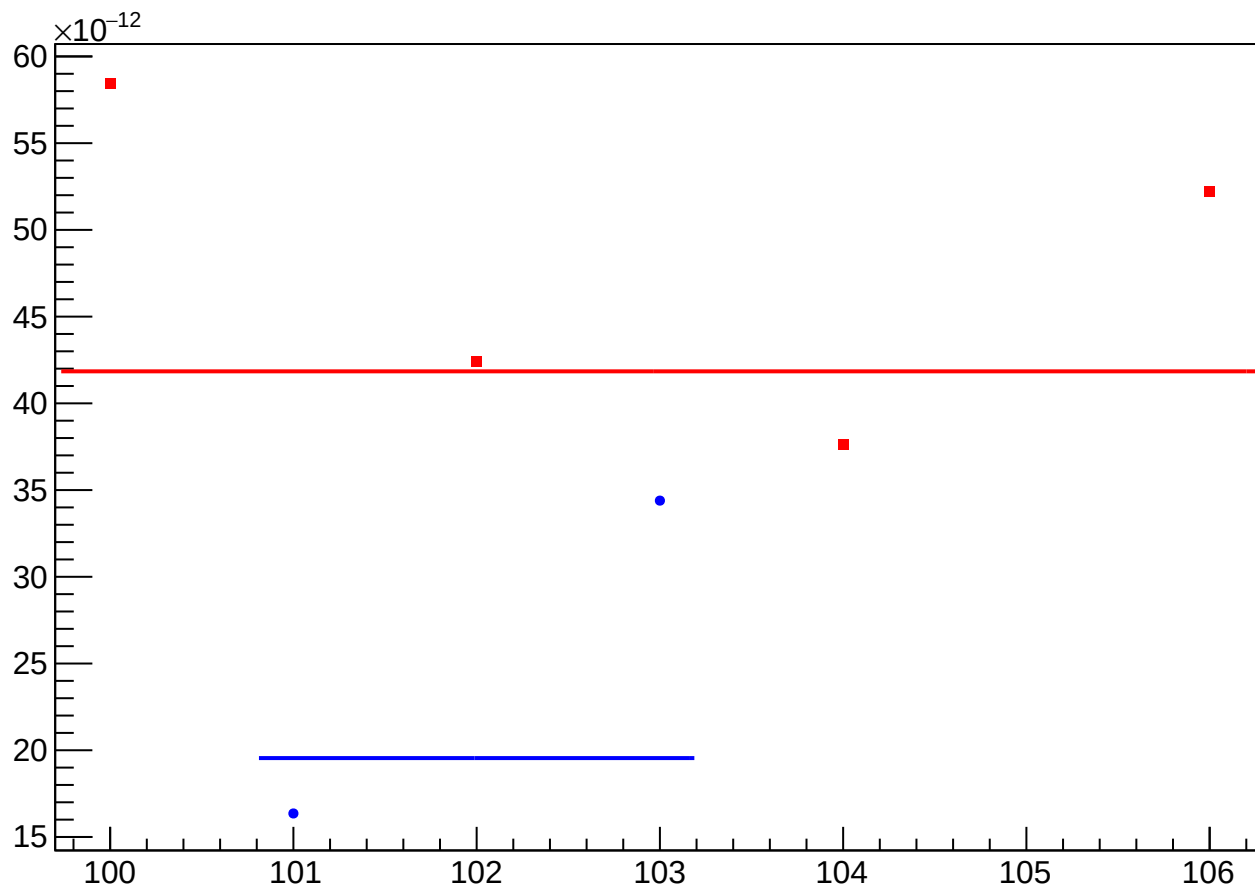
Right: -0.000+/-0.000 χ^2/NDF : 1.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.1/5

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 : 152969.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 33605.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

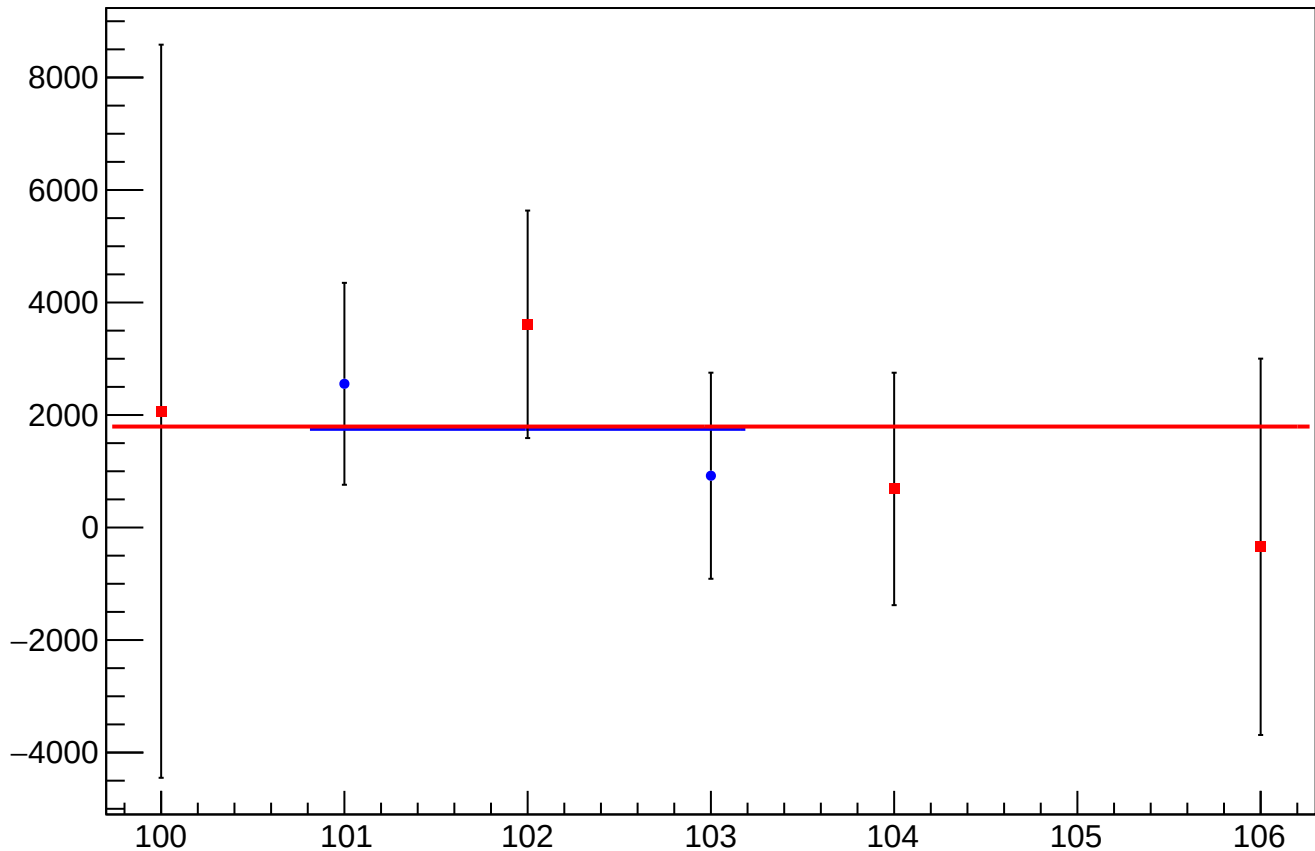
Right: 0.000+/-0.000 χ^2/NDF : 630520.0/5

In: 0.000+/-0.000 χ^2/NDF : 152969.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 630520.0/5

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1754.413+/-1281.968 χ^2 /NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1794.852+/-1299.889 χ^2 /NDF: 1.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

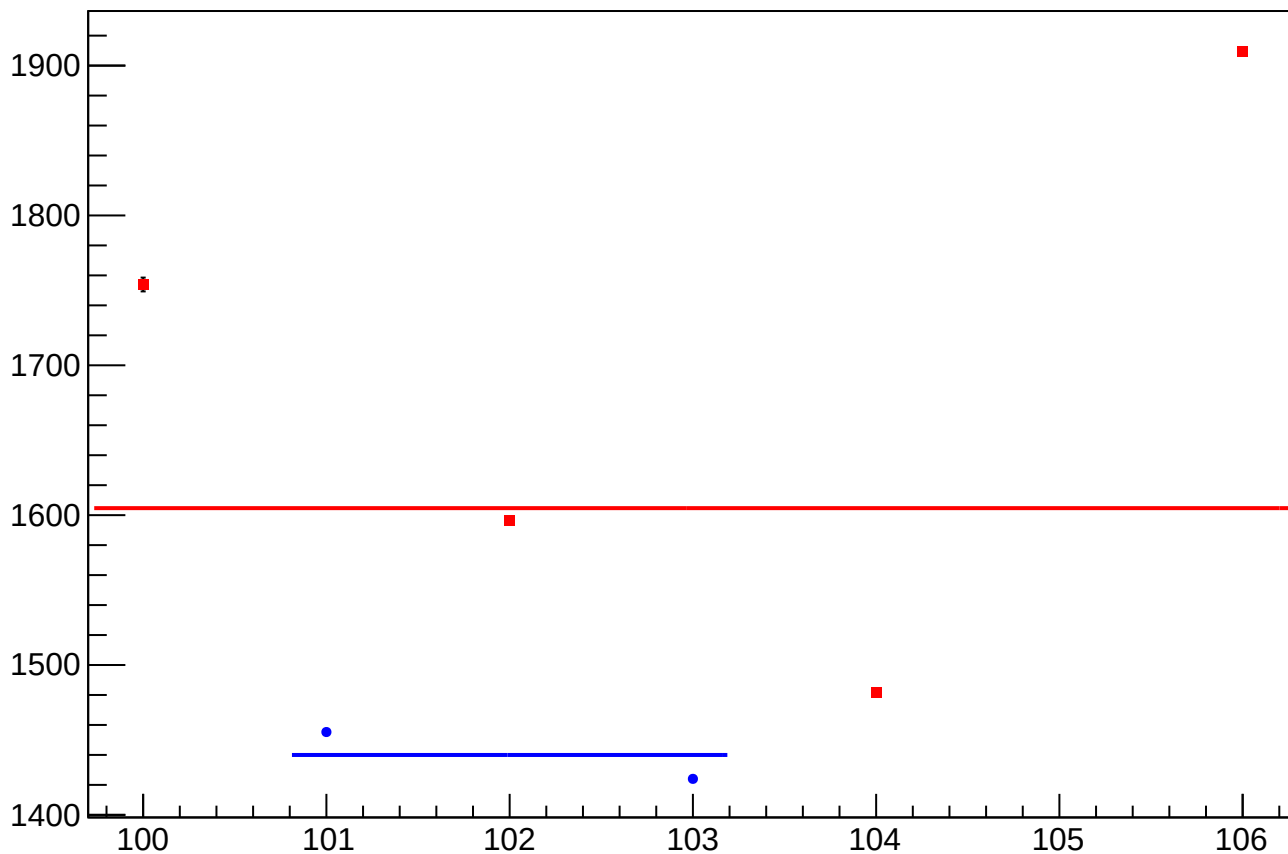
Right: 1774.352+/-912.758 χ^2 /NDF: 1.9/5

In: 1754.413+/-1281.968 χ^2 /NDF: 0.4/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1774.352+/-912.758 χ^2 /NDF: 1.9/5

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.968+/-0.906 χ^2/NDF : 296.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1604.681+/-0.919 χ^2/NDF : 24771.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

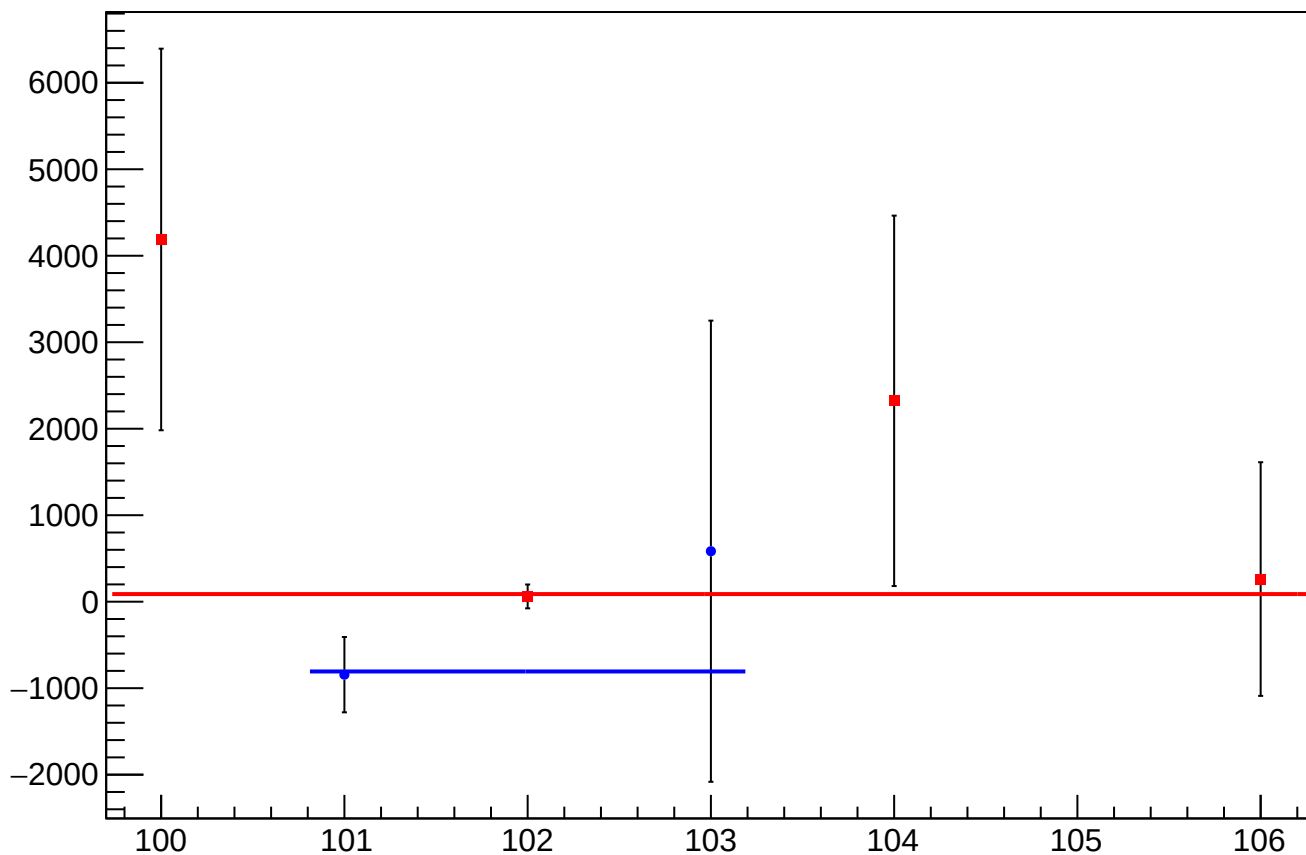
Right: 1521.181+/-0.645 χ^2/NDF : 41347.8/5

In: 1439.968+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.181+/-0.645 χ^2/NDF : 41347.8/5

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -806.612 $\pm$ 429.711 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 88.142 $\pm$ -136.485 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

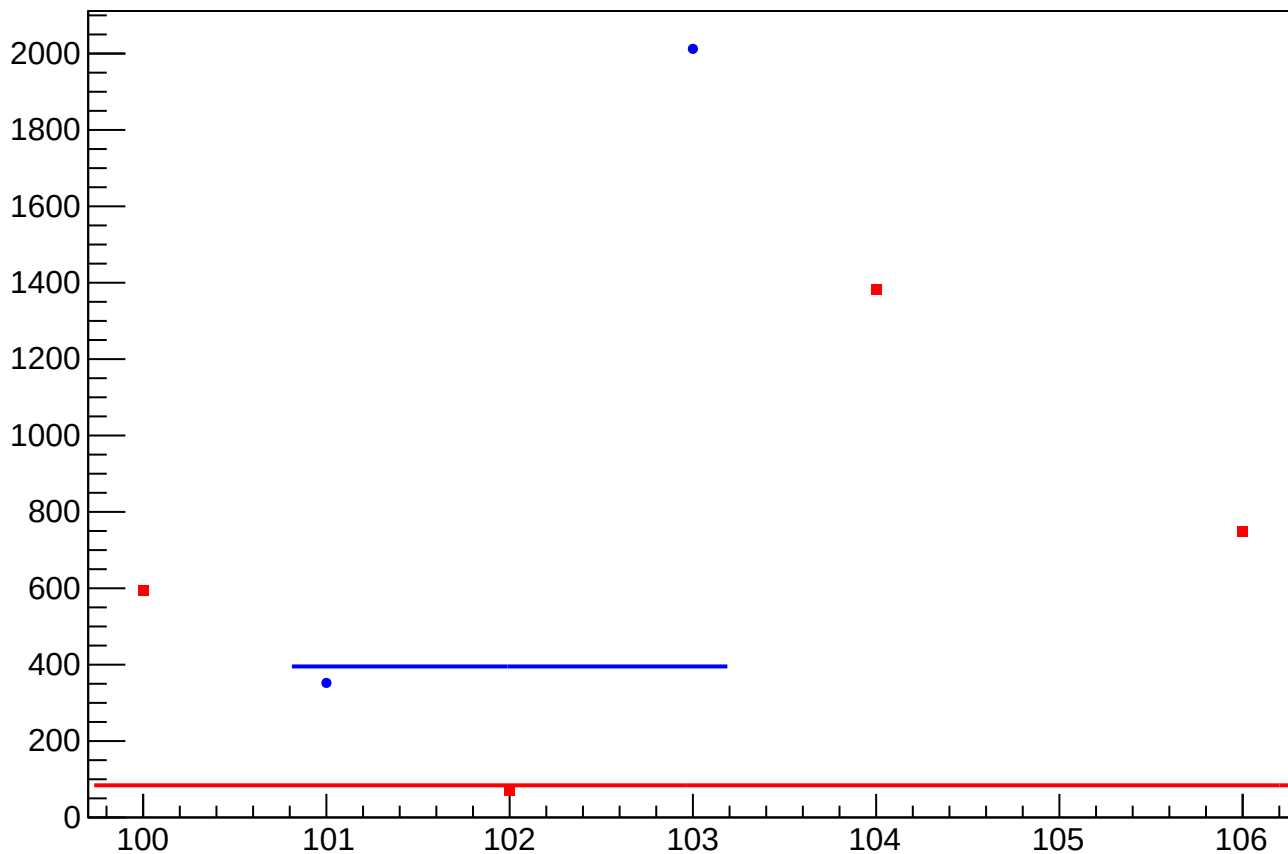
Right: 6.149 $\pm$ -130.081 χ^2 /NDF: 8.8/5

In: -806.612 $\pm$ -429.711 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 6.149 $\pm$ -130.081 χ^2 /NDF: 8.8/5

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 395.343 ± 0.304 $\chi^2/\text{NDF}: 755333.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 84.165 ± 0.097 $\chi^2/\text{NDF}: 1347687.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

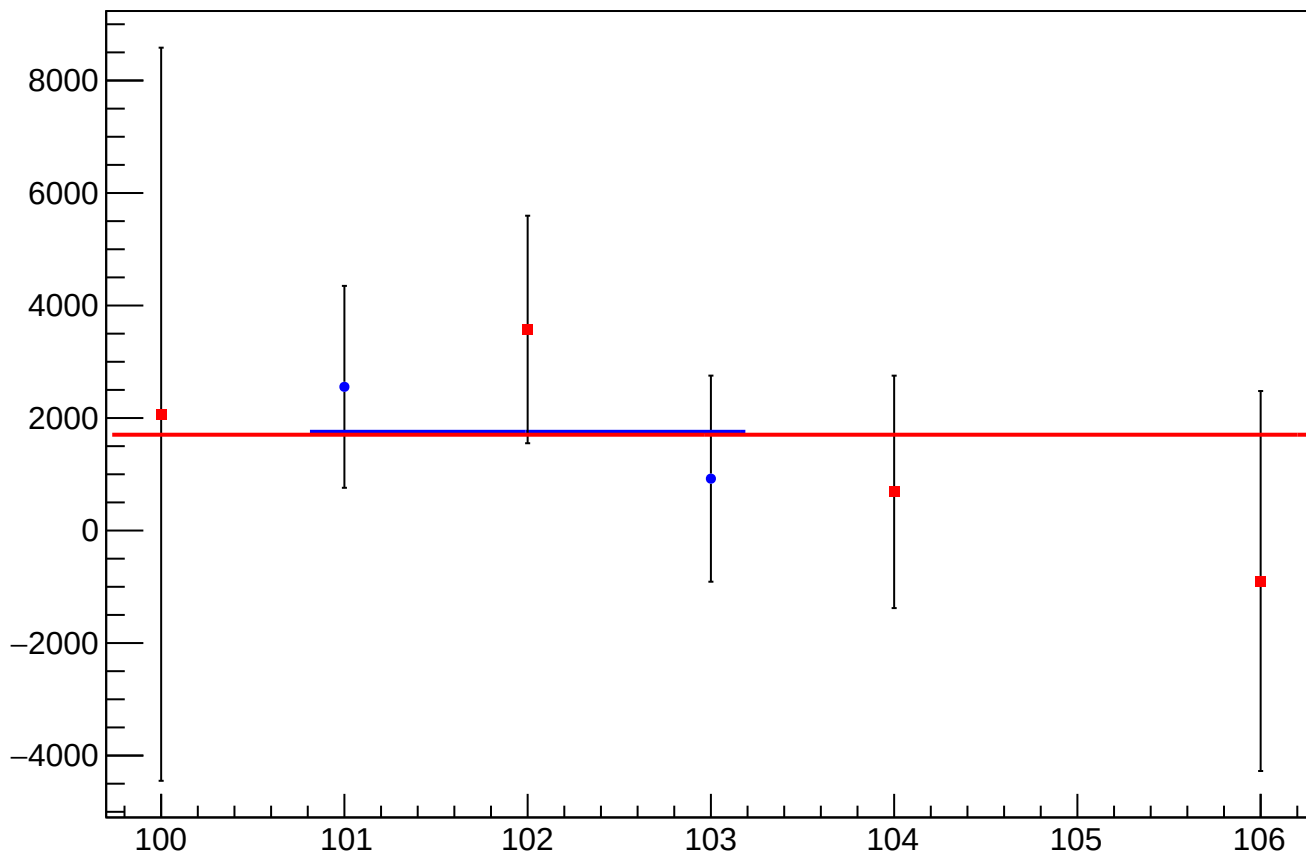
Right: 112.681 ± 0.092 $\chi^2/\text{NDF}: 3055715.5/5$

In: 395.343 ± 0.304 $\chi^2/\text{NDF}: 755333.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 112.681 ± 0.092 $\chi^2/\text{NDF}: 3055715.5/5$

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.367+/-1301.835 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

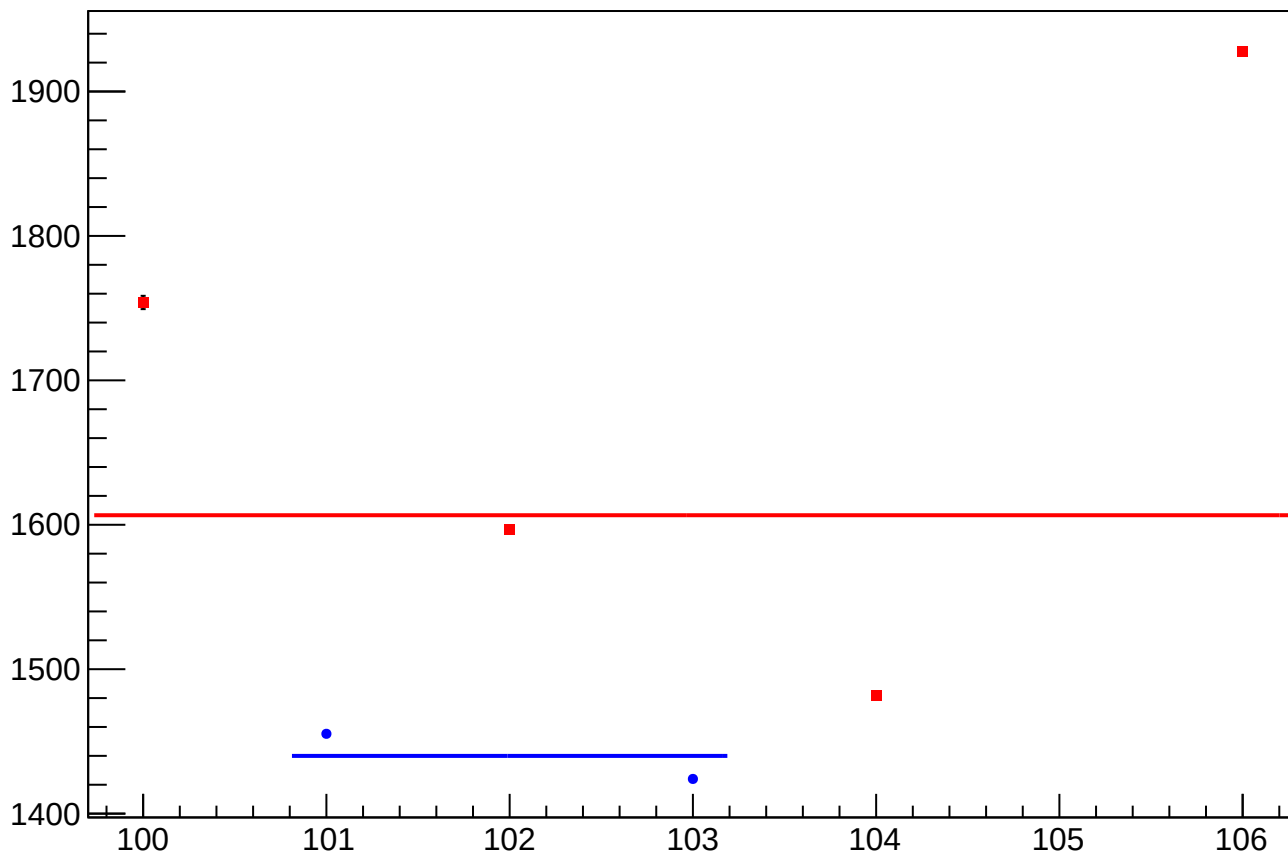
Right: 1729.608+/-913.431 χ^2/NDF : 2.1/5

In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.608+/-913.431 χ^2/NDF : 2.1/5

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.969 $\pm$ 0.906 χ^2 /NDF: 296.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1606.608 $\pm$ 0.921 χ^2 /NDF: 26469.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

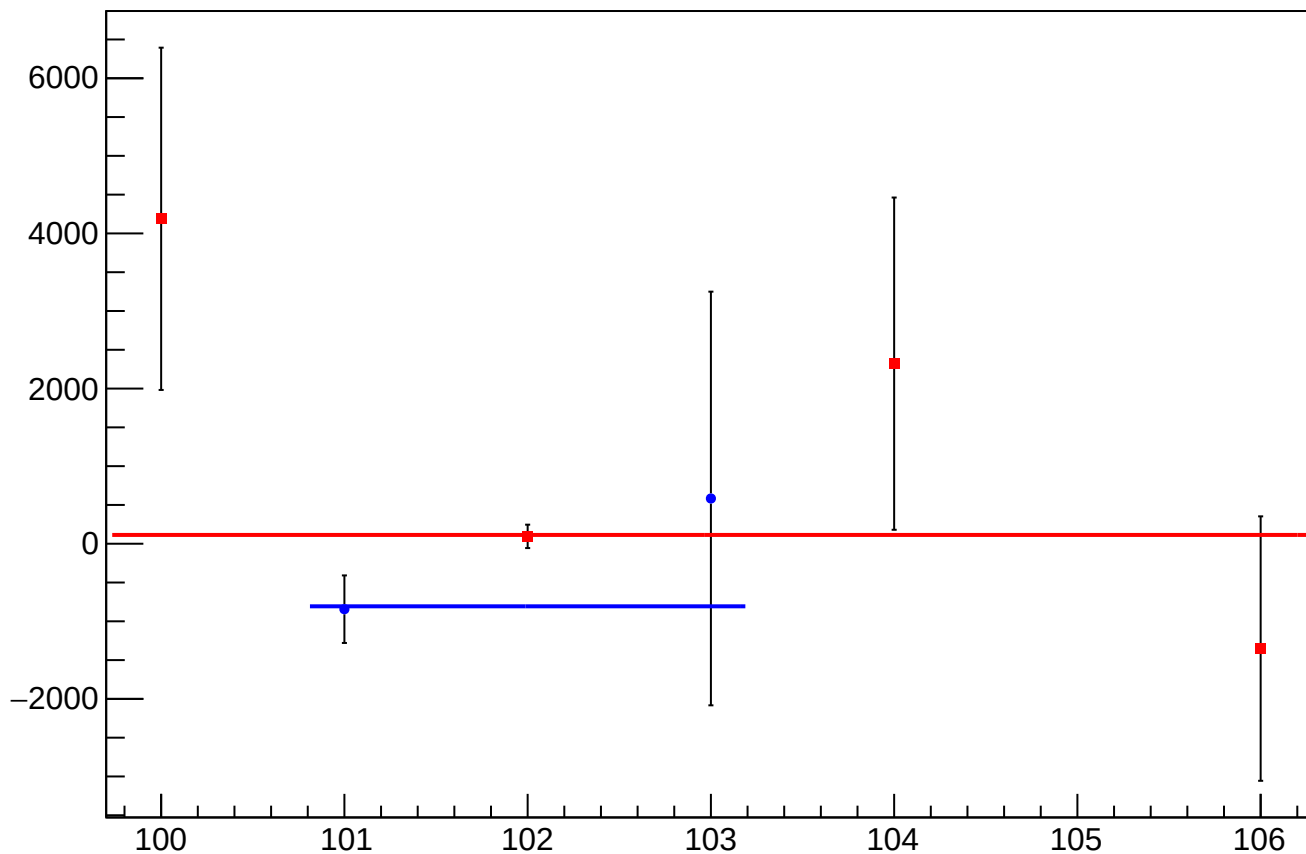
Right: 1522.007 $\pm$ 0.646 χ^2 /NDF: 43403.5/5

In: 1439.969 $\pm$ 0.906 χ^2 /NDF: 296.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1522.007 $\pm$ 0.646 χ^2 /NDF: 43403.5/5

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -806.749+/-429.711 χ^2 /NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 113.397+/-149.460 χ^2 /NDF: 5.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

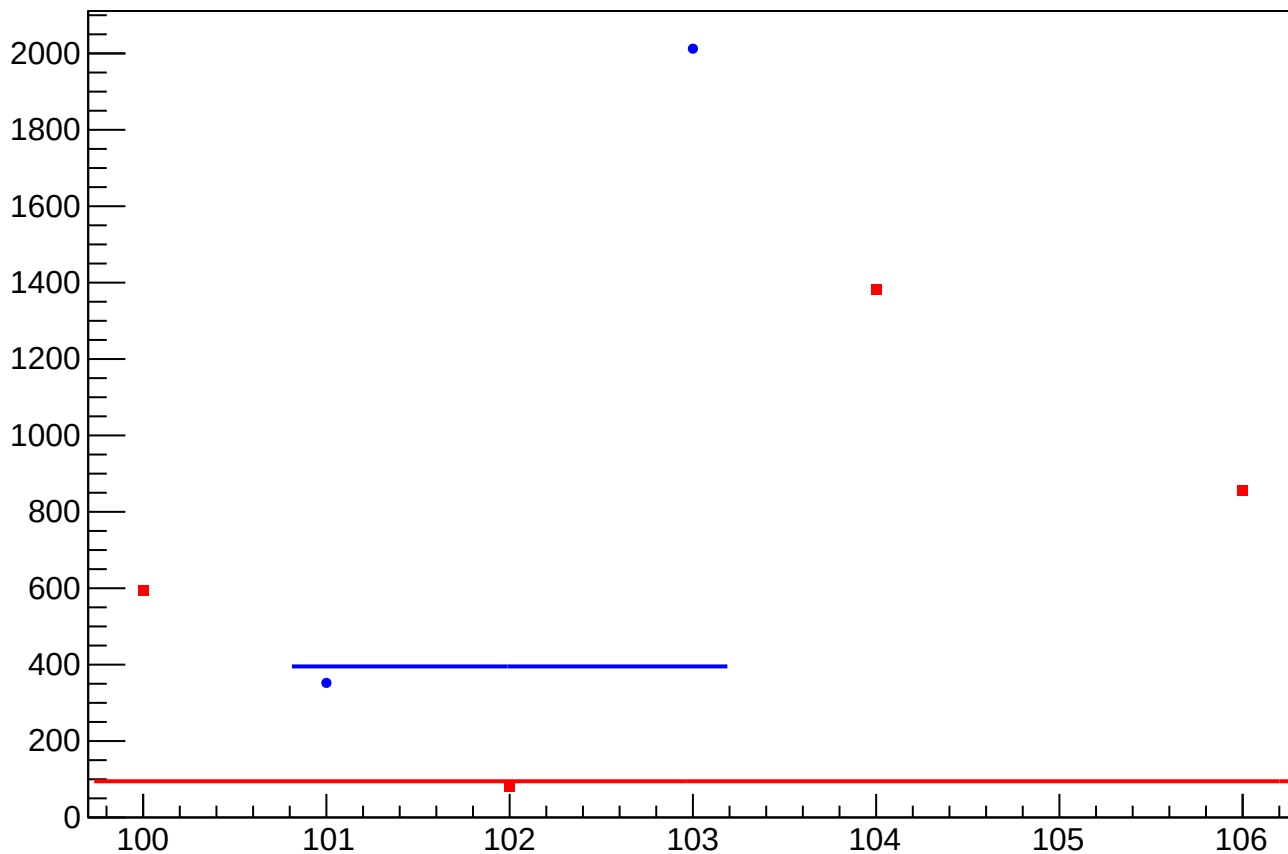
Right: 14.095+/-141.165 χ^2 /NDF: 9.6/5

In: -806.749+/-429.711 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.095+/-141.165 χ^2 /NDF: 9.6/5

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.711+/-0.106 χ^2/NDF : 1242072.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

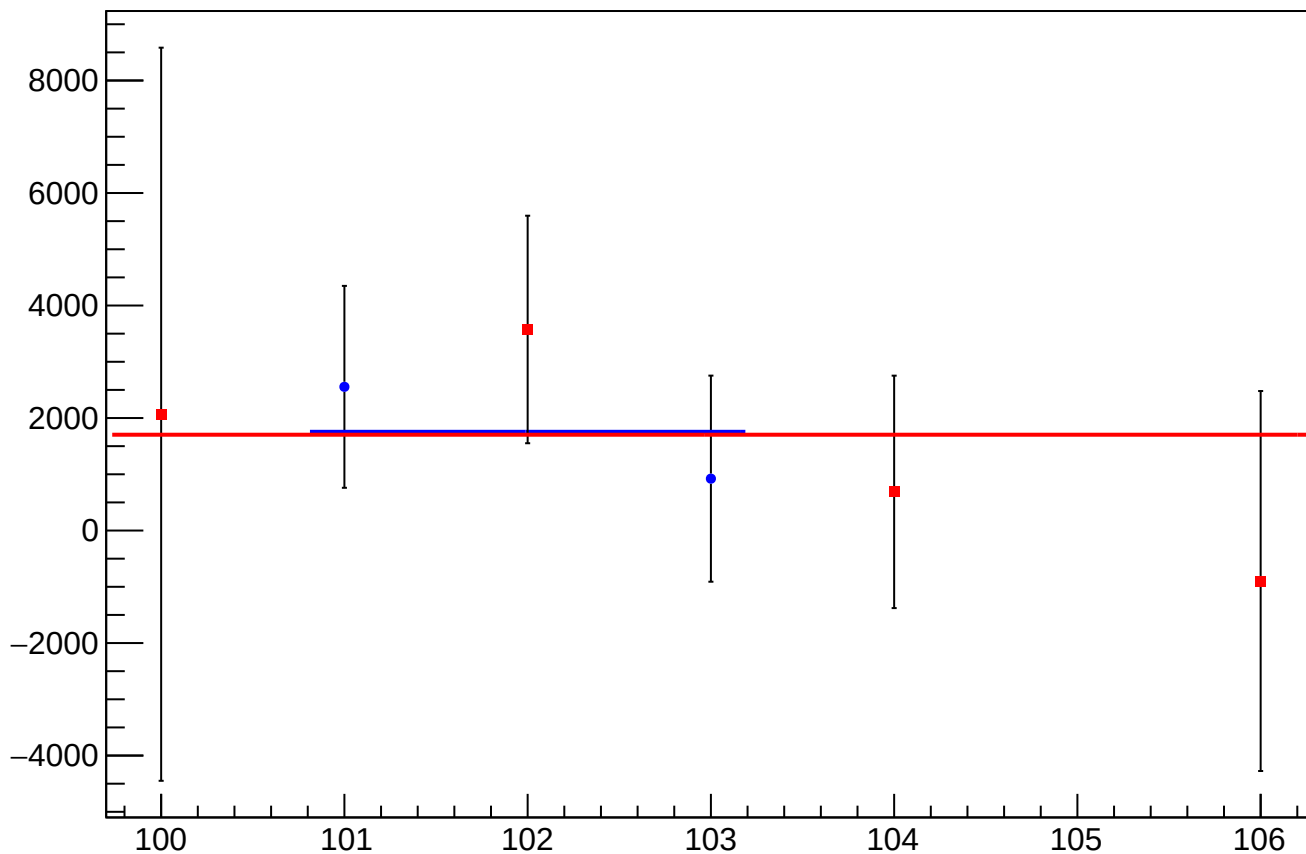
Right: 127.155+/-0.100 χ^2/NDF : 2870672.6/5

In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.155+/-0.100 χ^2/NDF : 2870672.6/5

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.367+/-1301.835 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

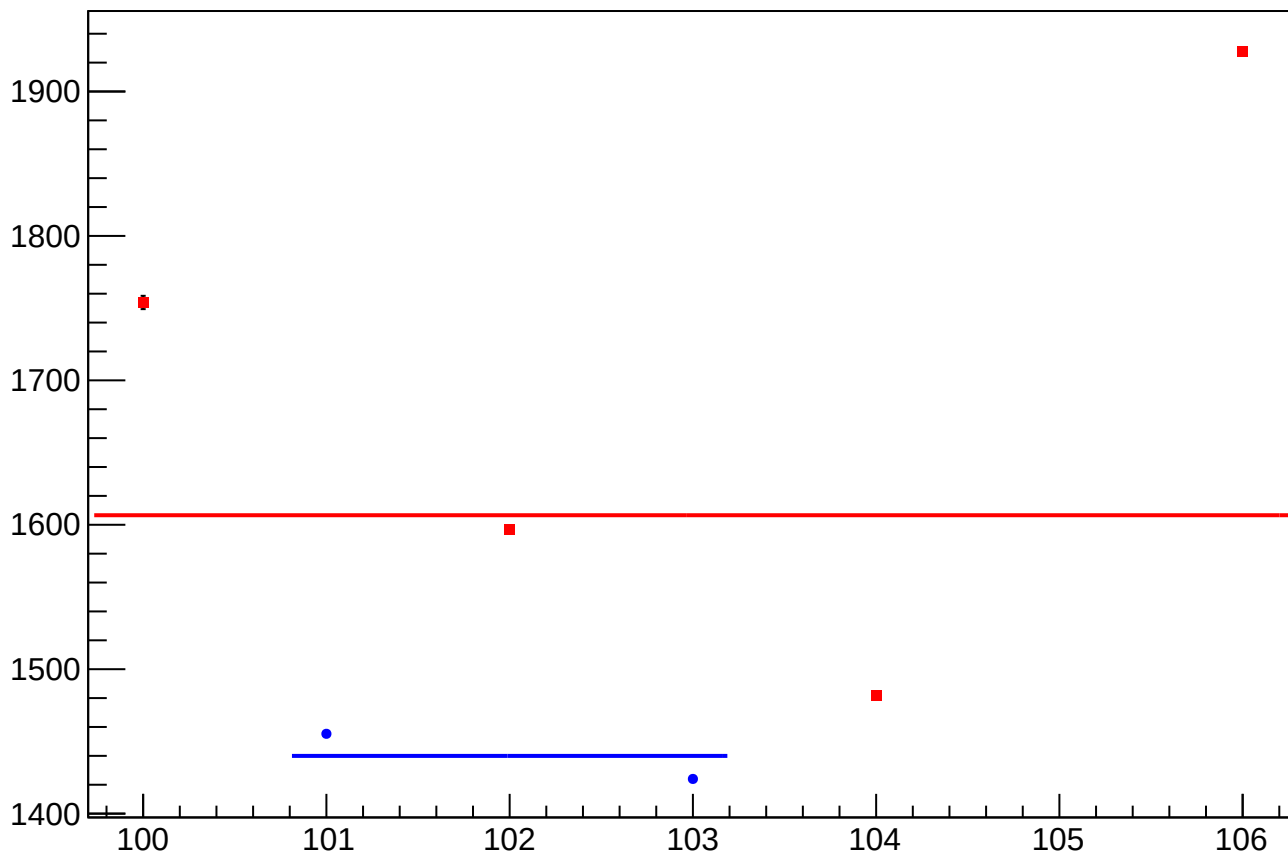
Right: 1729.608+/-913.431 χ^2/NDF : 2.1/5

In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.608+/-913.431 χ^2/NDF : 2.1/5

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1606.608+/-0.921 χ^2/NDF : 26469.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

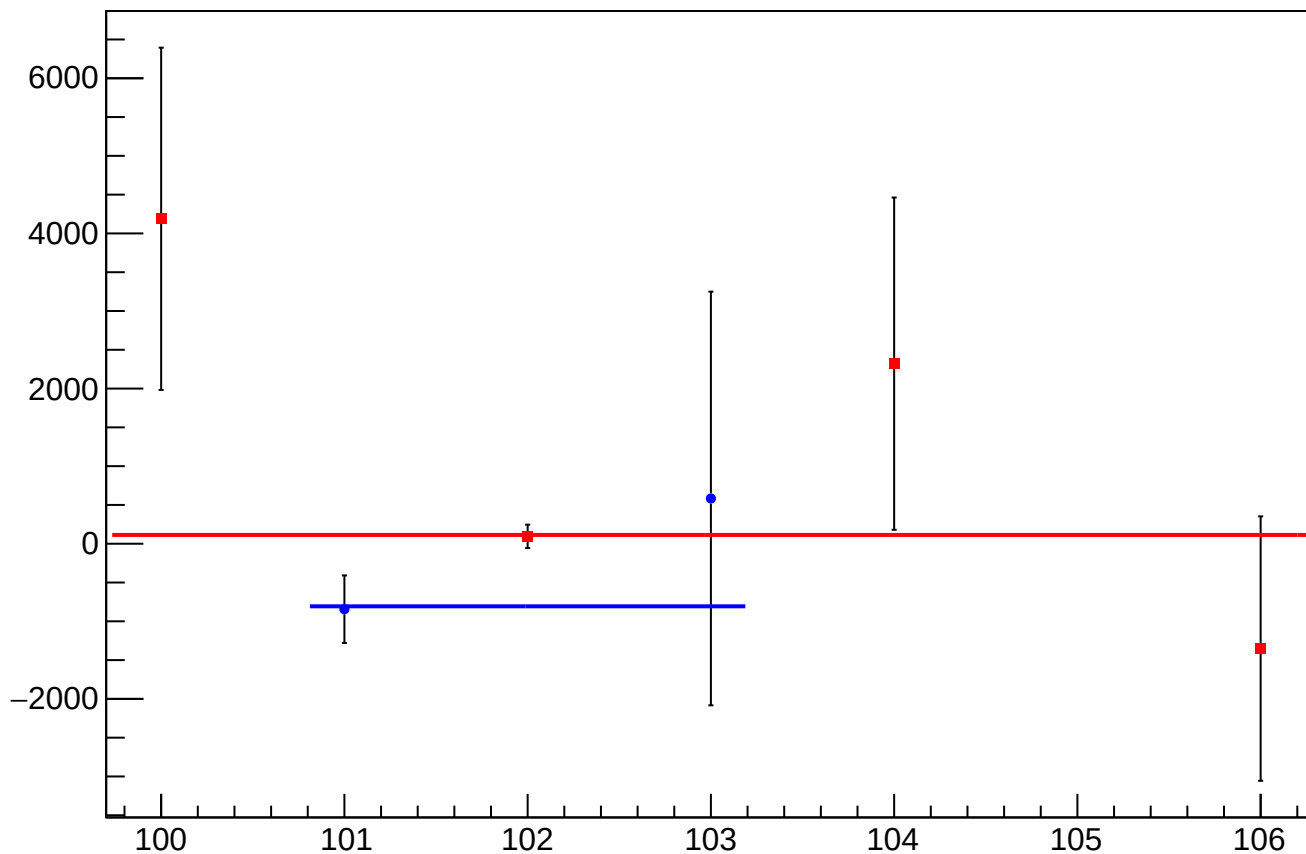
Right: 1522.007+/-0.646 χ^2/NDF : 43403.5/5

In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.007+/-0.646 χ^2/NDF : 43403.5/5

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -806.749+/-429.711 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.397+/-149.460 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

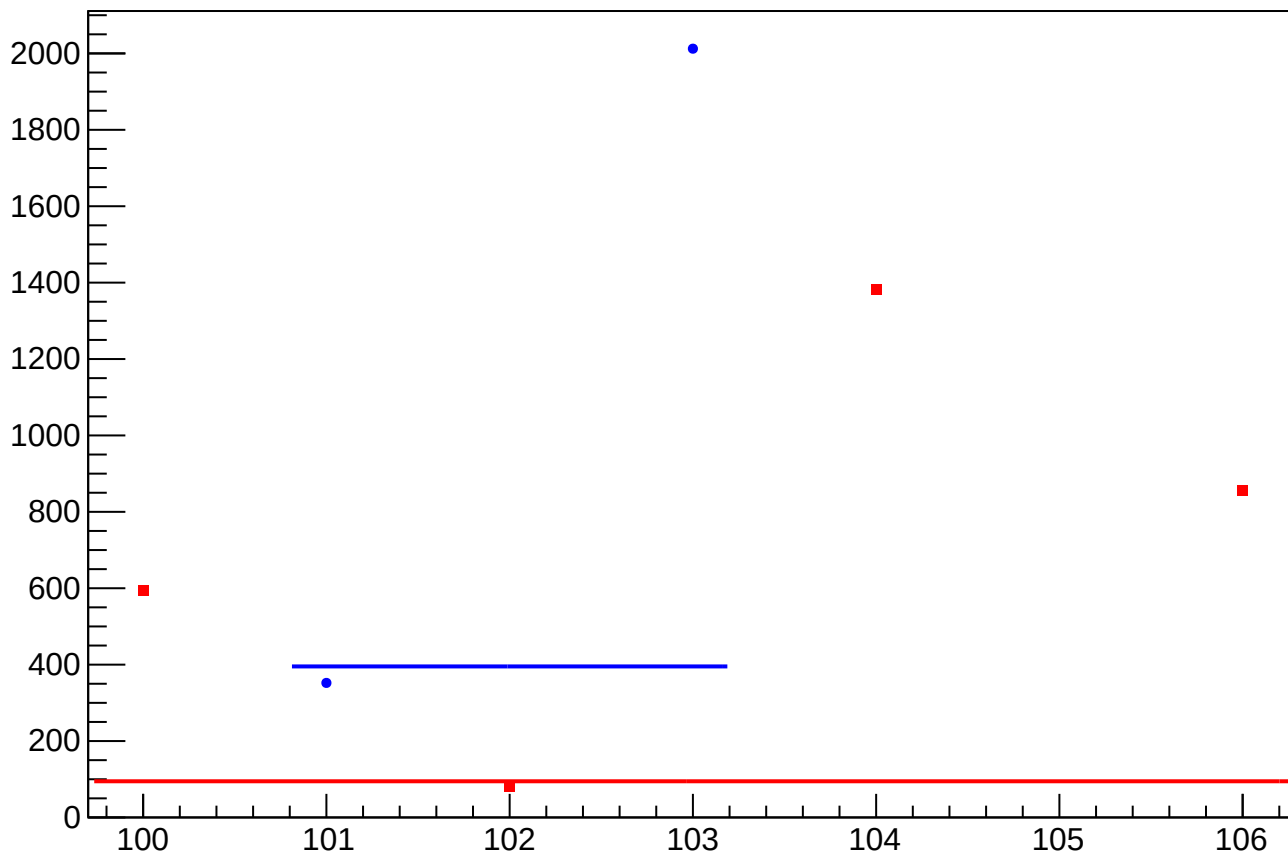
Right: 14.095+/-141.165 χ^2/NDF : 9.6/5

In: -806.749+/-429.711 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.095+/-141.165 χ^2/NDF : 9.6/5

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.711+/-0.106 χ^2/NDF : 1242072.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

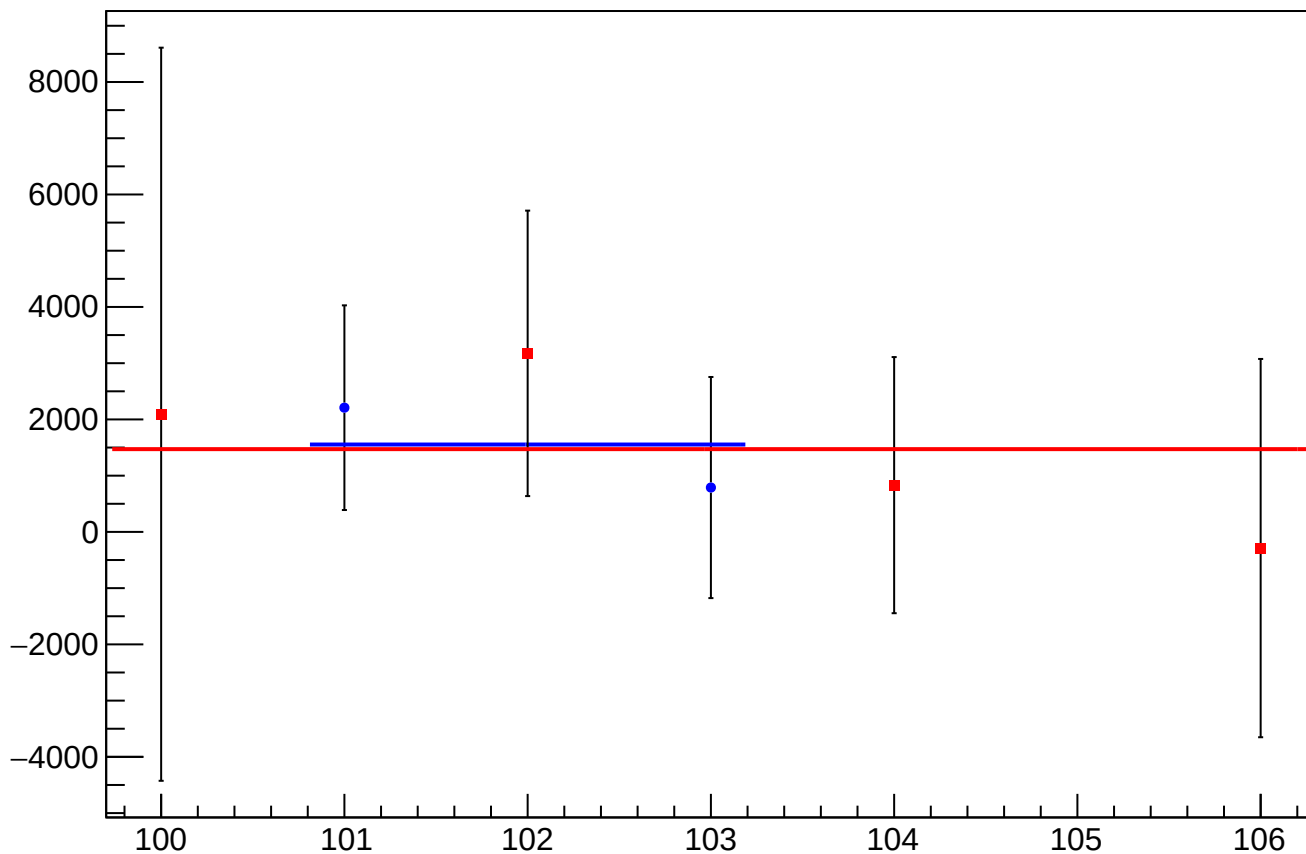
Right: 127.155+/-0.100 χ^2/NDF : 2870672.6/5

In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.155+/-0.100 χ^2/NDF : 2870672.6/5

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1553.650+/-1335.385 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.786+/-1474.393 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

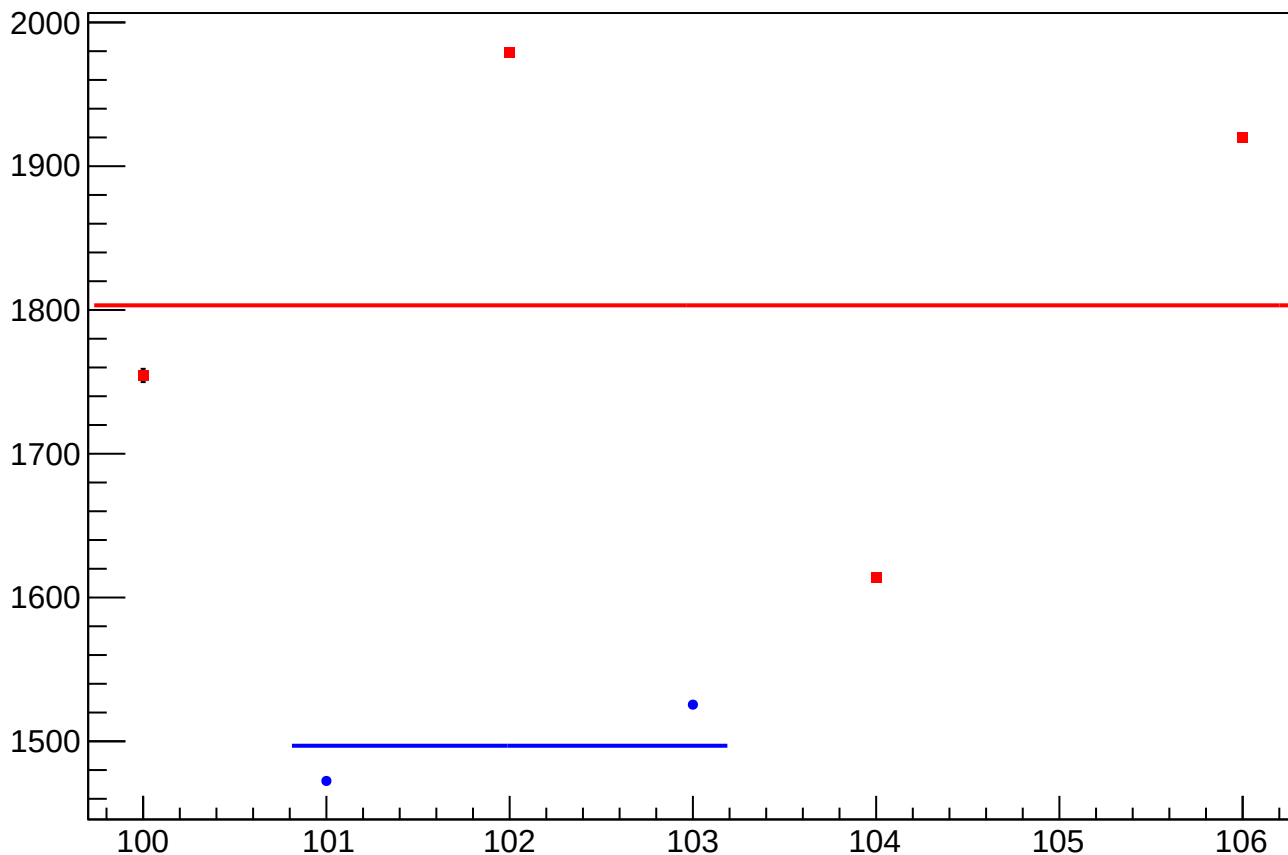
Right: 1516.758+/-989.764 χ^2/NDF : 1.1/5

In: 1553.650+/-1335.385 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.758+/-989.764 χ^2/NDF : 1.1/5

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.906+/-0.944 χ^2/NDF : 784.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1803.230+/-1.043 χ^2/NDF : 25974.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

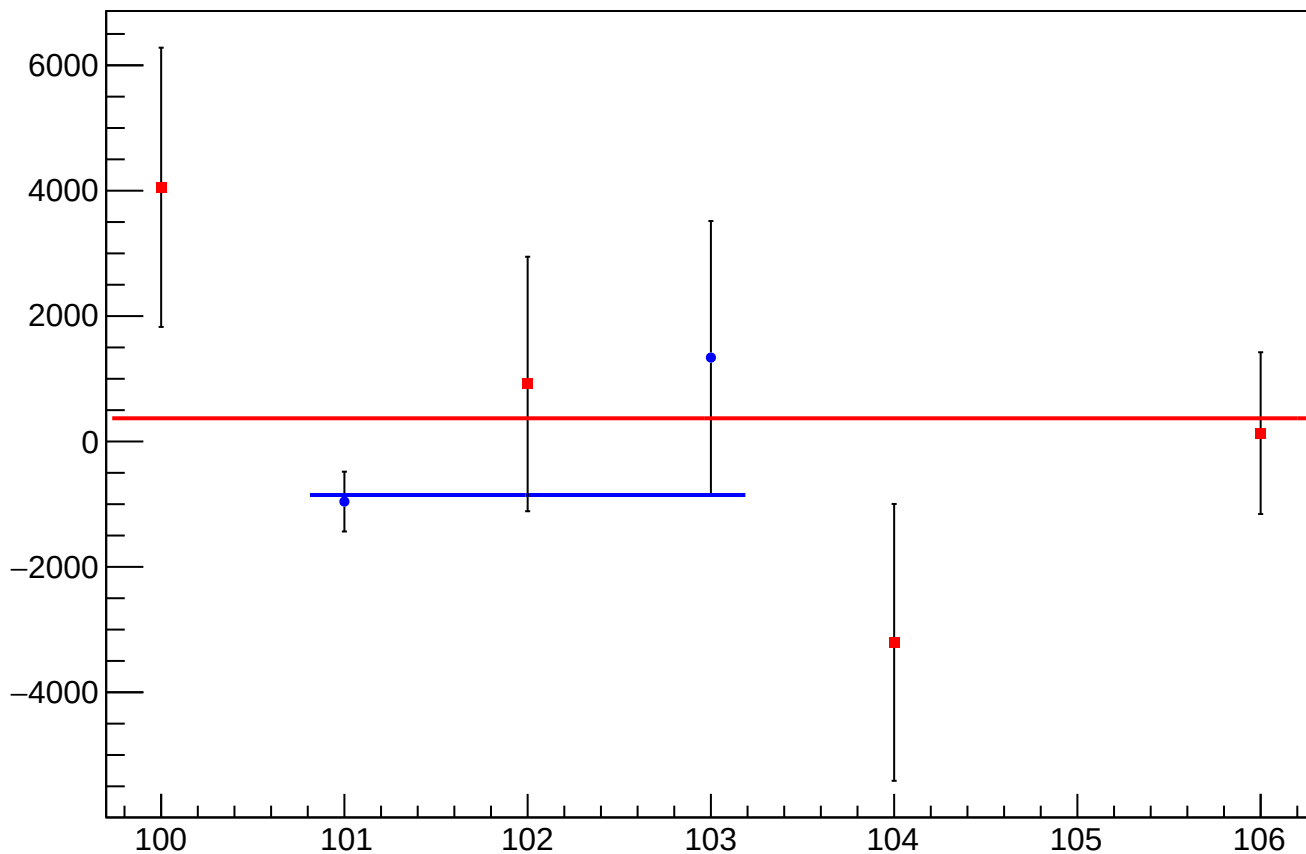
Right: 1634.950+/-0.700 χ^2/NDF : 74185.1/5

In: 1496.906+/-0.944 χ^2/NDF : 784.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1634.950+/-0.700 χ^2/NDF : 74185.1/5

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -853.399+/-465.842 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.051+/-894.216 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

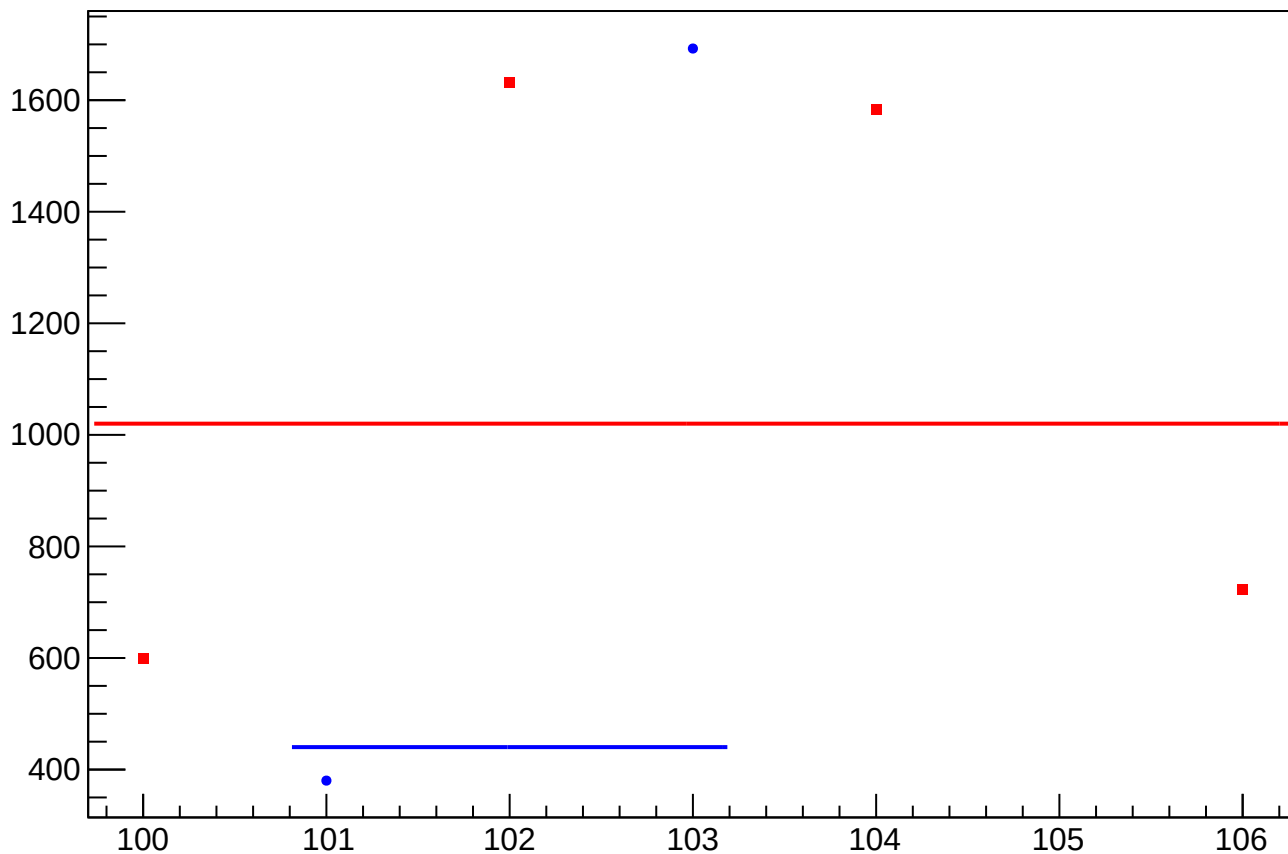
Right: -592.243+/-413.142 χ^2/NDF : 8.0/5

In: -853.399+/-465.842 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.243+/-413.142 χ^2/NDF : 8.0/5

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 440.254+/-0.329 χ^2/NDF : 693031.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.097+/-0.632 χ^2/NDF : 489886.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

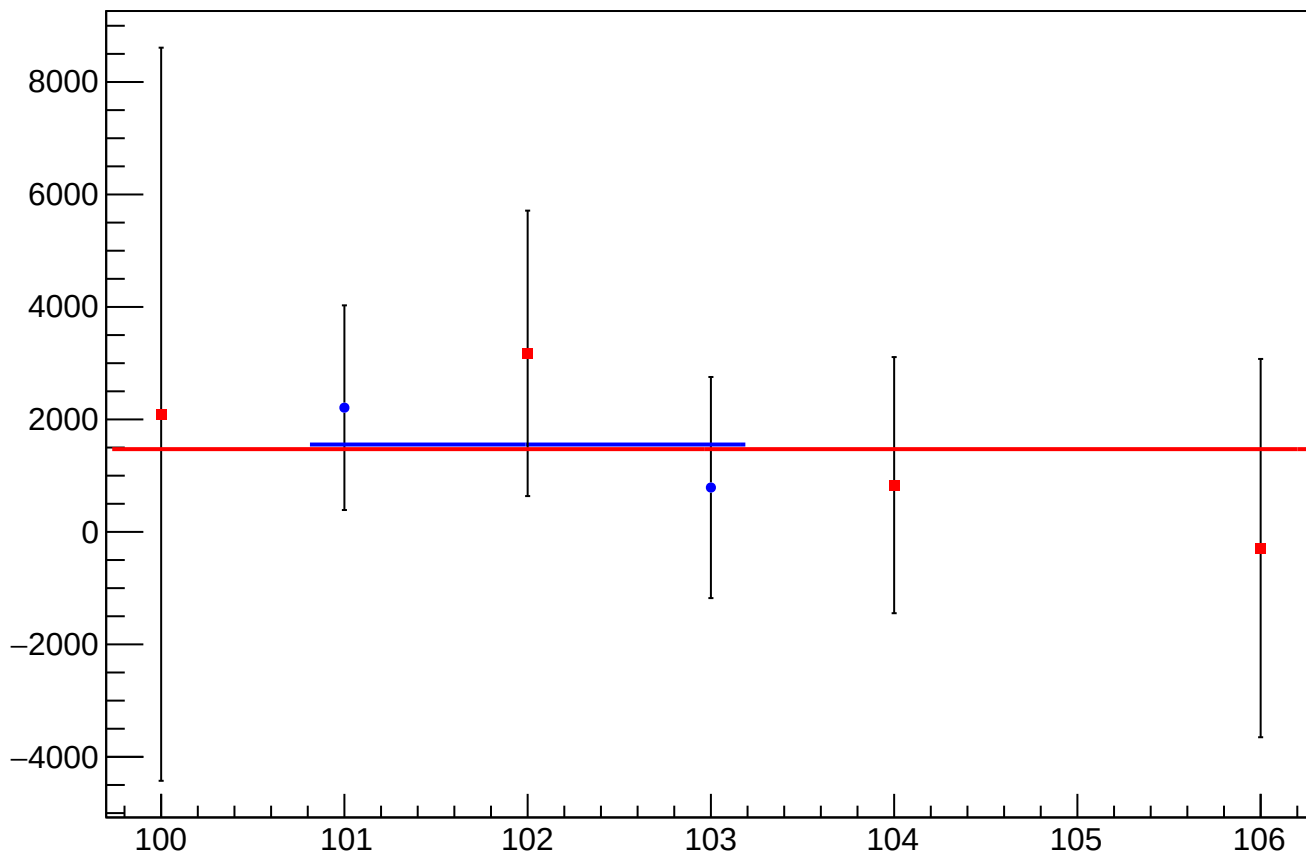
Right: 564.026+/-0.292 χ^2/NDF : 1844352.7/5

In: 440.254+/-0.329 χ^2/NDF : 693031.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.026+/-0.292 χ^2/NDF : 1844352.7/5

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1553.643+/-1335.383 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.779+/-1474.392 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

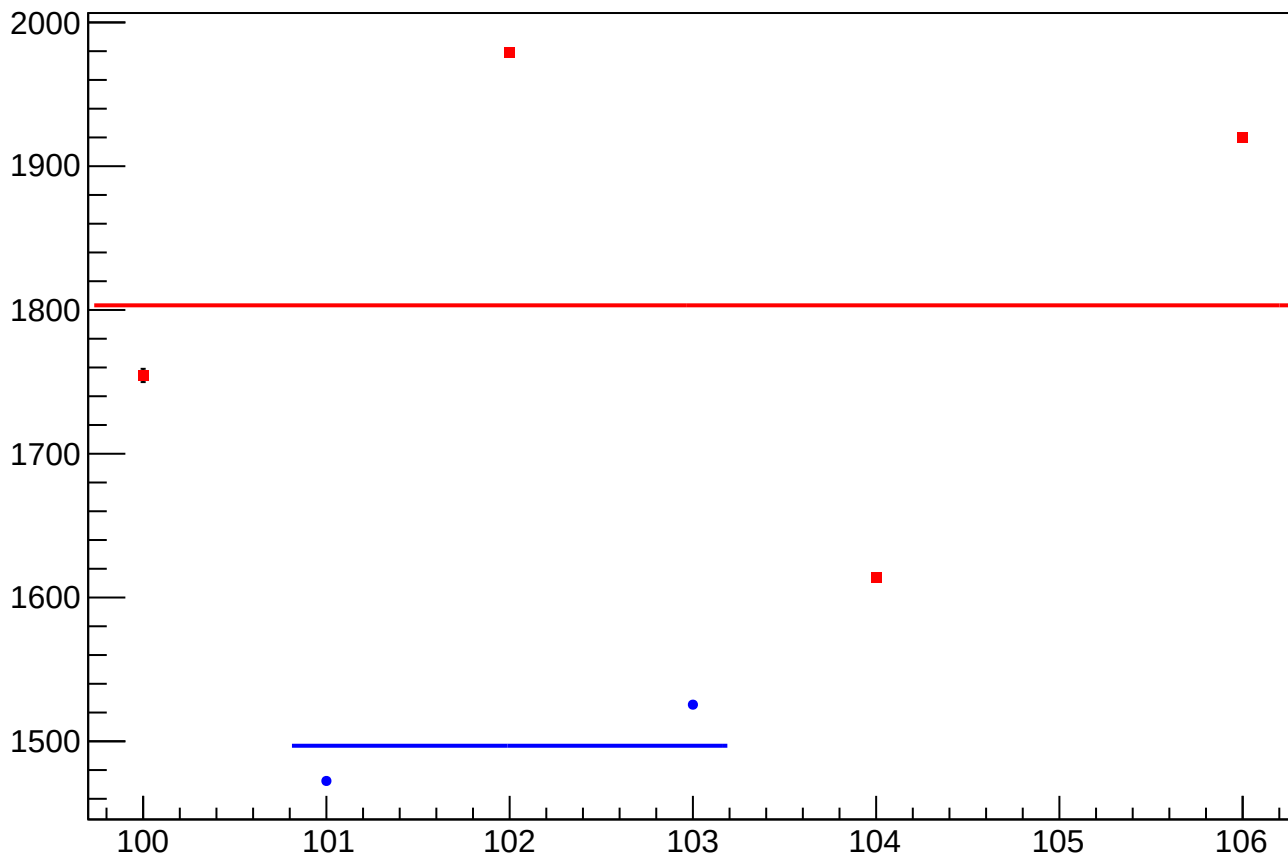
Right: 1516.751+/-989.764 χ^2/NDF : 1.1/5

In: 1553.643+/-1335.383 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1516.751+/-989.764 χ^2/NDF : 1.1/5

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.904 $\pm$ 0.944 χ^2 /NDF: 784.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1803.228 $\pm$ 1.043 χ^2 /NDF: 25974.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

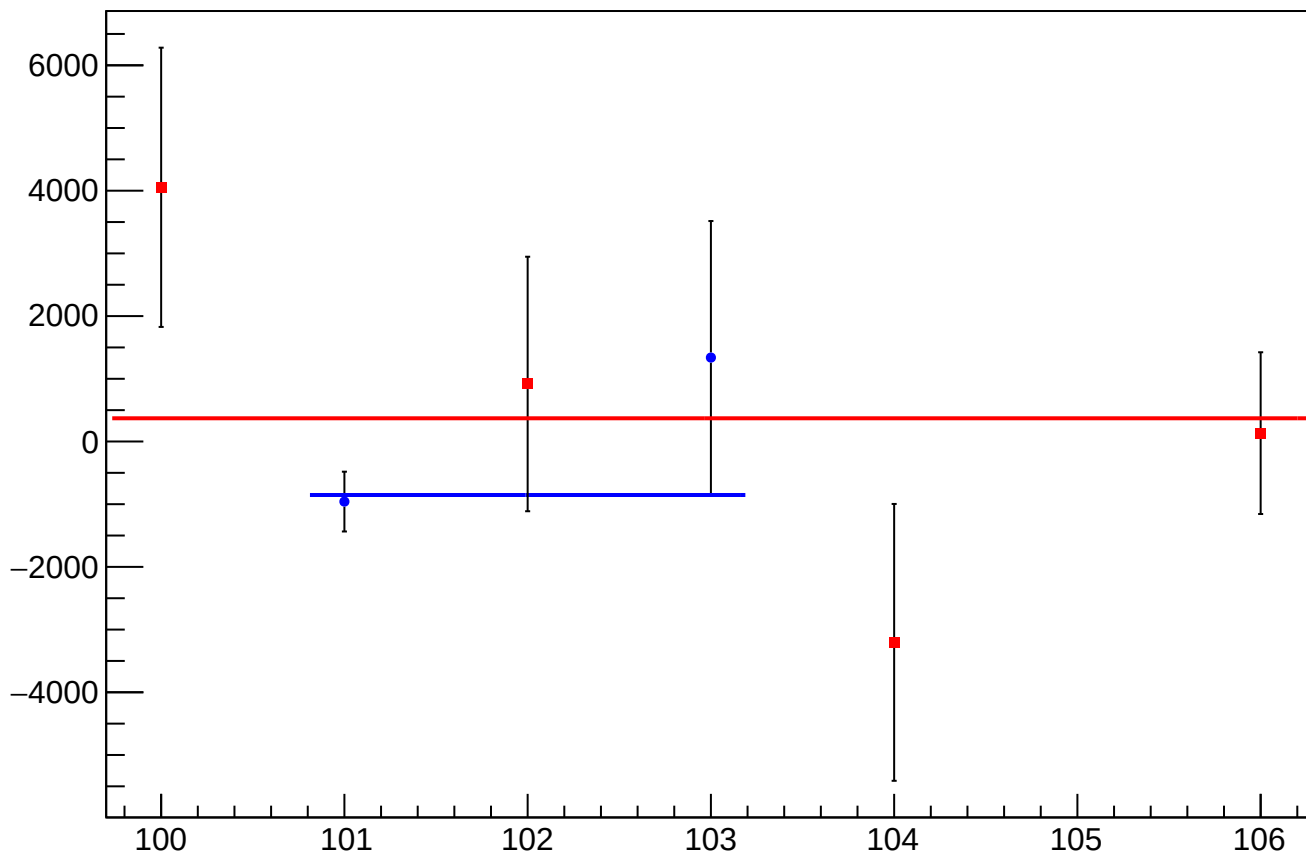
Right: 1634.948 $\pm$ 0.700 χ^2 /NDF: 74185.5/5

In: 1496.904 $\pm$ 0.944 χ^2 /NDF:784.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1634.948 $\pm$ 0.700 χ^2 /NDF: 74185.5/5

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -853.402+/-465.843 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.052+/-894.217 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

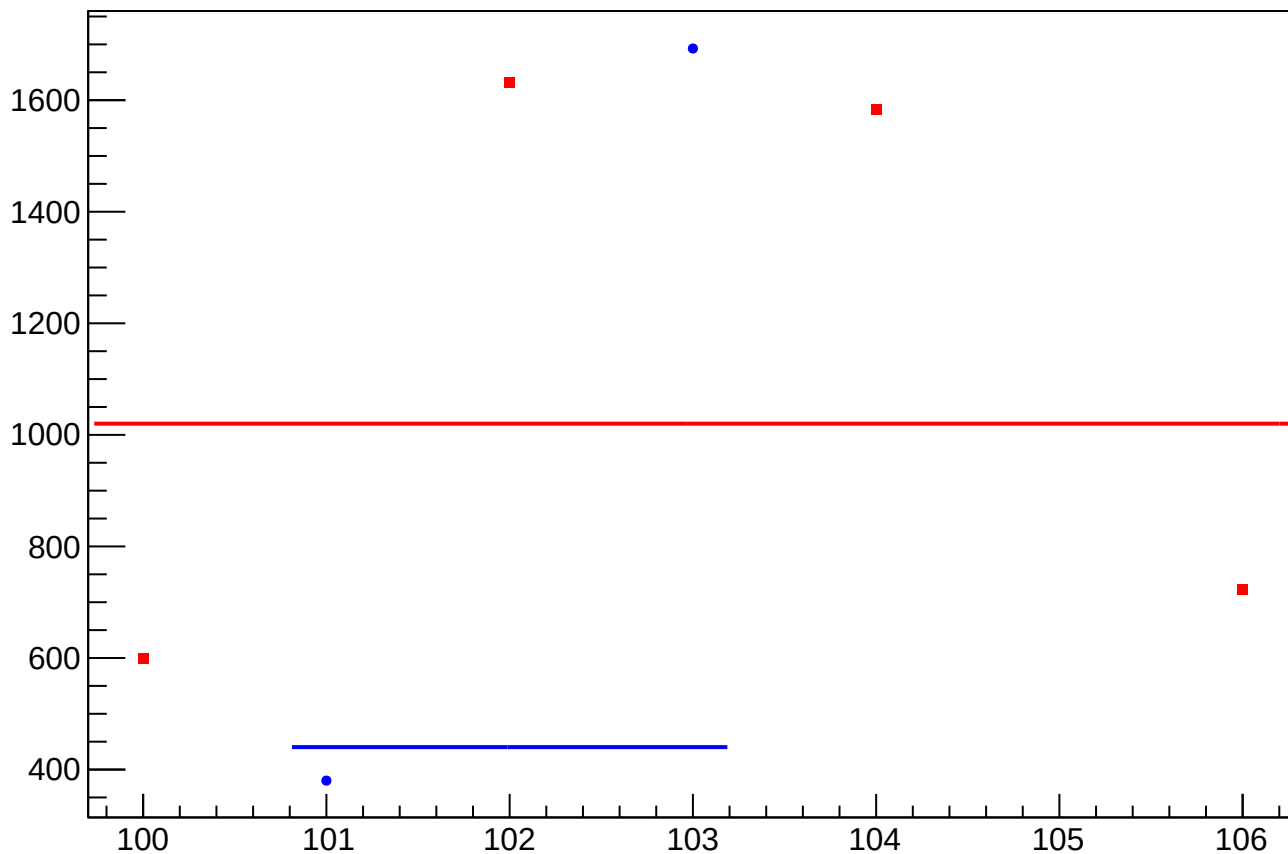
Right: -592.245+/-413.143 χ^2/NDF : 8.0/5

In: -853.402+/-465.843 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.245+/-413.143 χ^2/NDF : 8.0/5

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 440.255+/-0.329 χ^2/NDF : 693031.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.098+/-0.632 χ^2/NDF : 489889.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

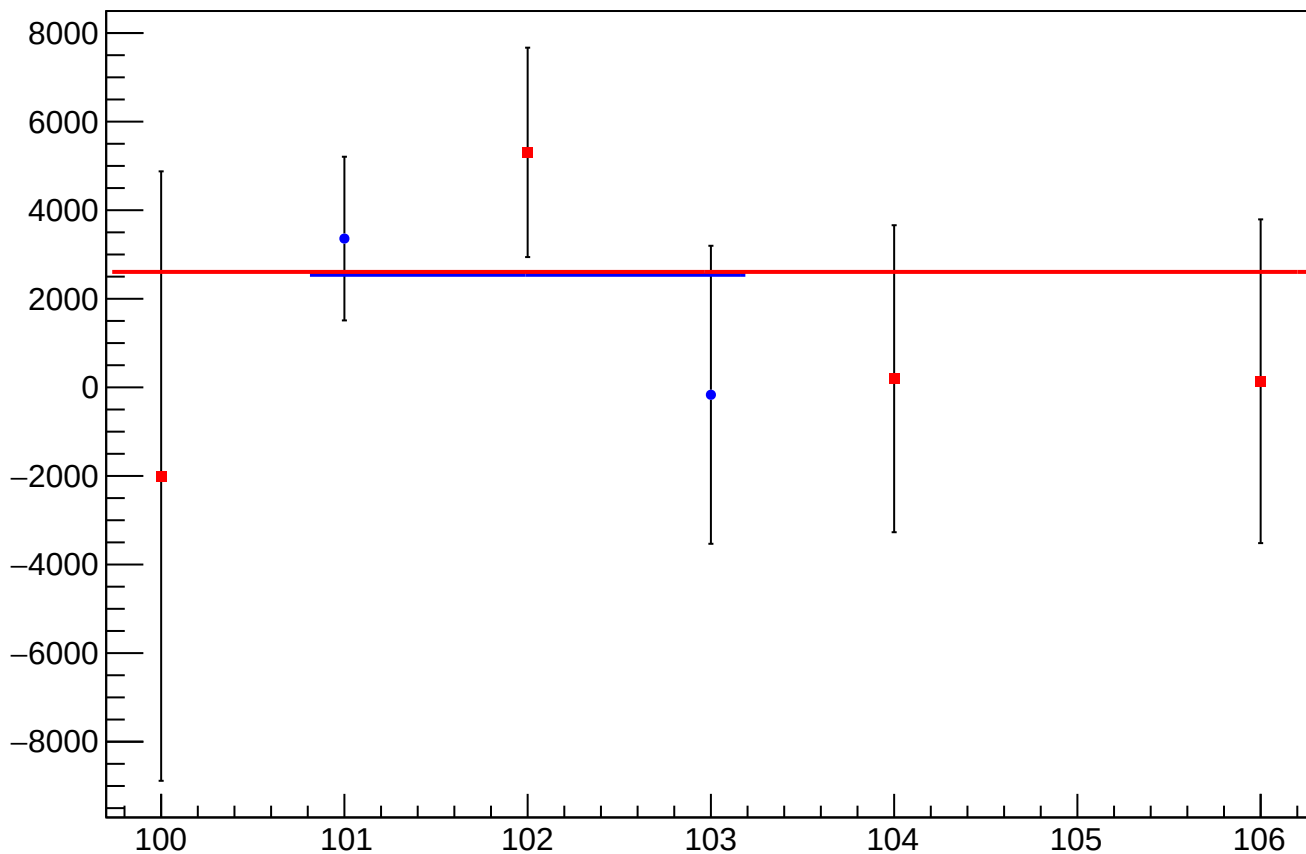
Right: 564.027+/-0.292 χ^2/NDF : 1844353.6/5

In: 440.255+/-0.329 χ^2/NDF : 693031.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.027+/-0.292 χ^2/NDF : 1844353.6/5

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2542.043+/-1619.654 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2606.884+/-1670.888 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

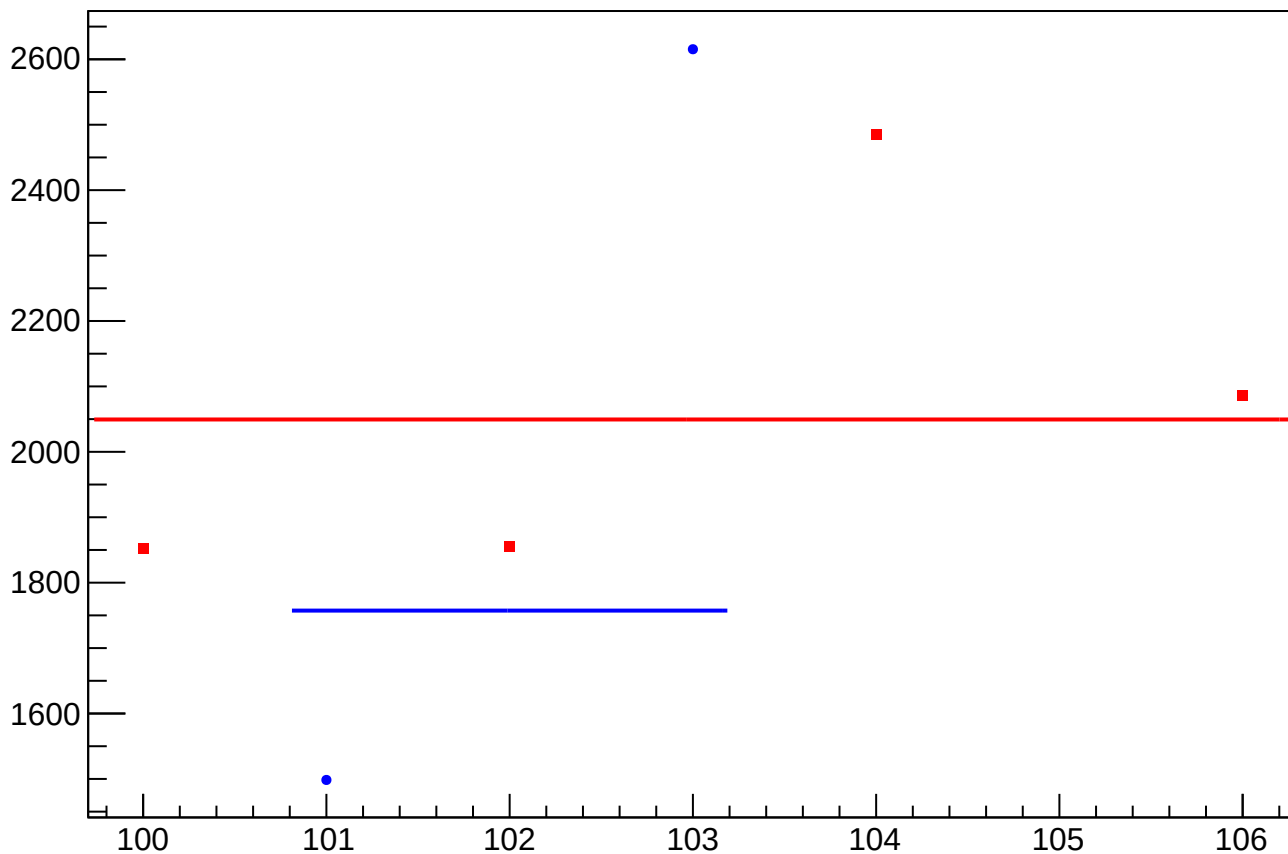
Right: 2573.454+/-1162.959 χ^2/NDF : 3.5/5

In: 2542.043+/-1619.654 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2573.454+/-1162.959 χ^2/NDF : 3.5/5

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1757.315+/-1.145 χ^2/NDF : 169347.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.449+/-1.181 χ^2/NDF : 46888.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

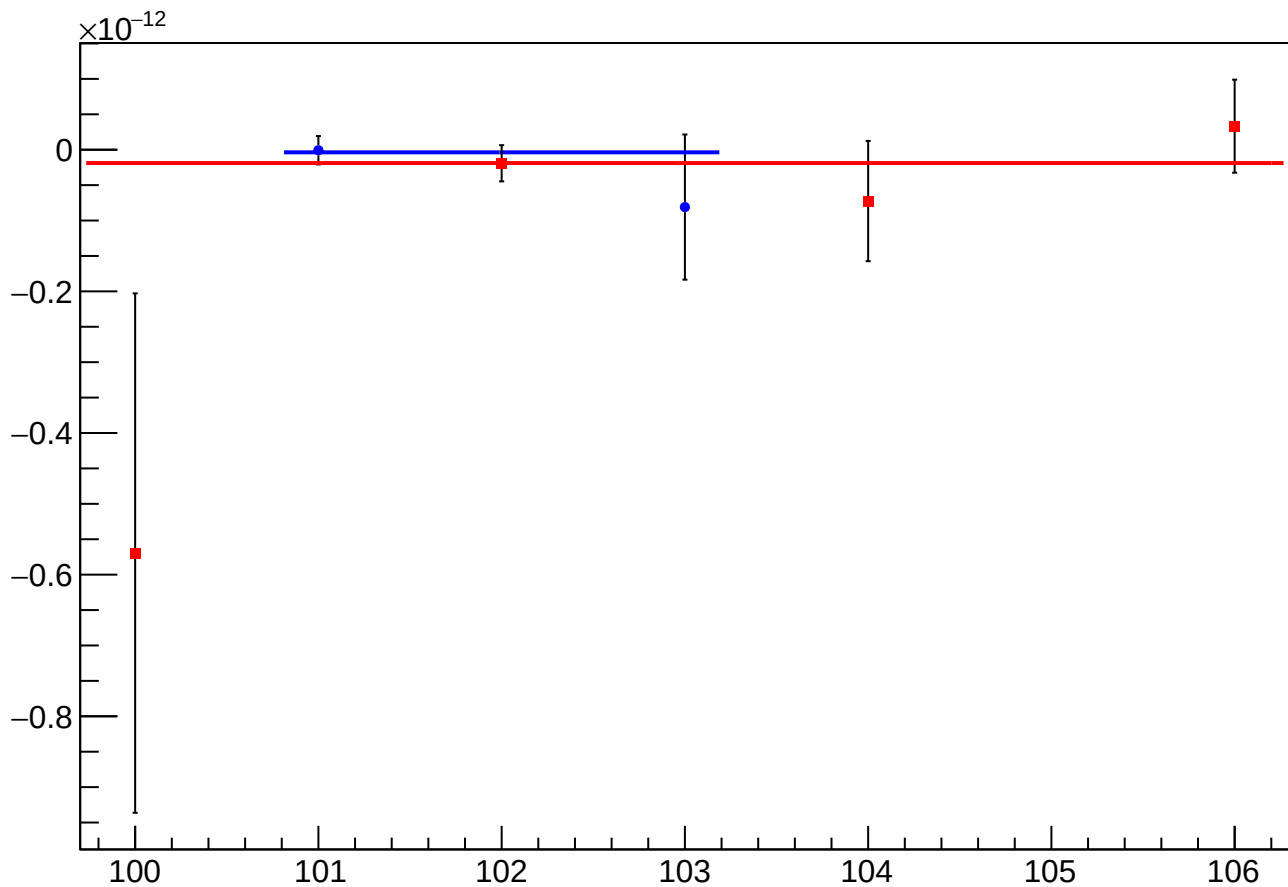
Right: 1898.835+/-0.822 χ^2/NDF : 247756.3/5

In: 1757.315+/-1.145 χ^2/NDF : 169347.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1898.835+/-0.822 χ^2/NDF : 247756.3/5

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

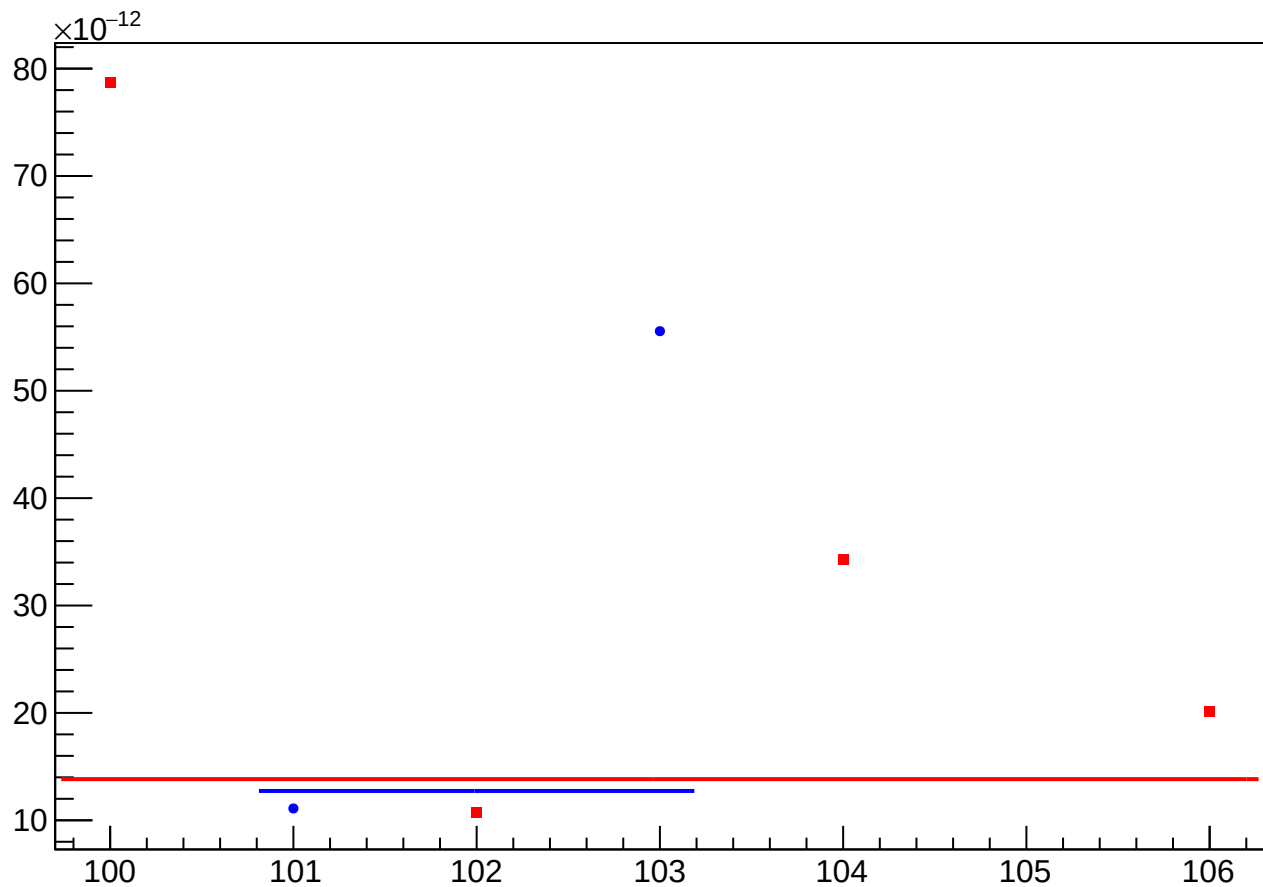
Right: -0.000+/-0.000 χ^2/NDF : 4.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.1/5

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 362529.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226213.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

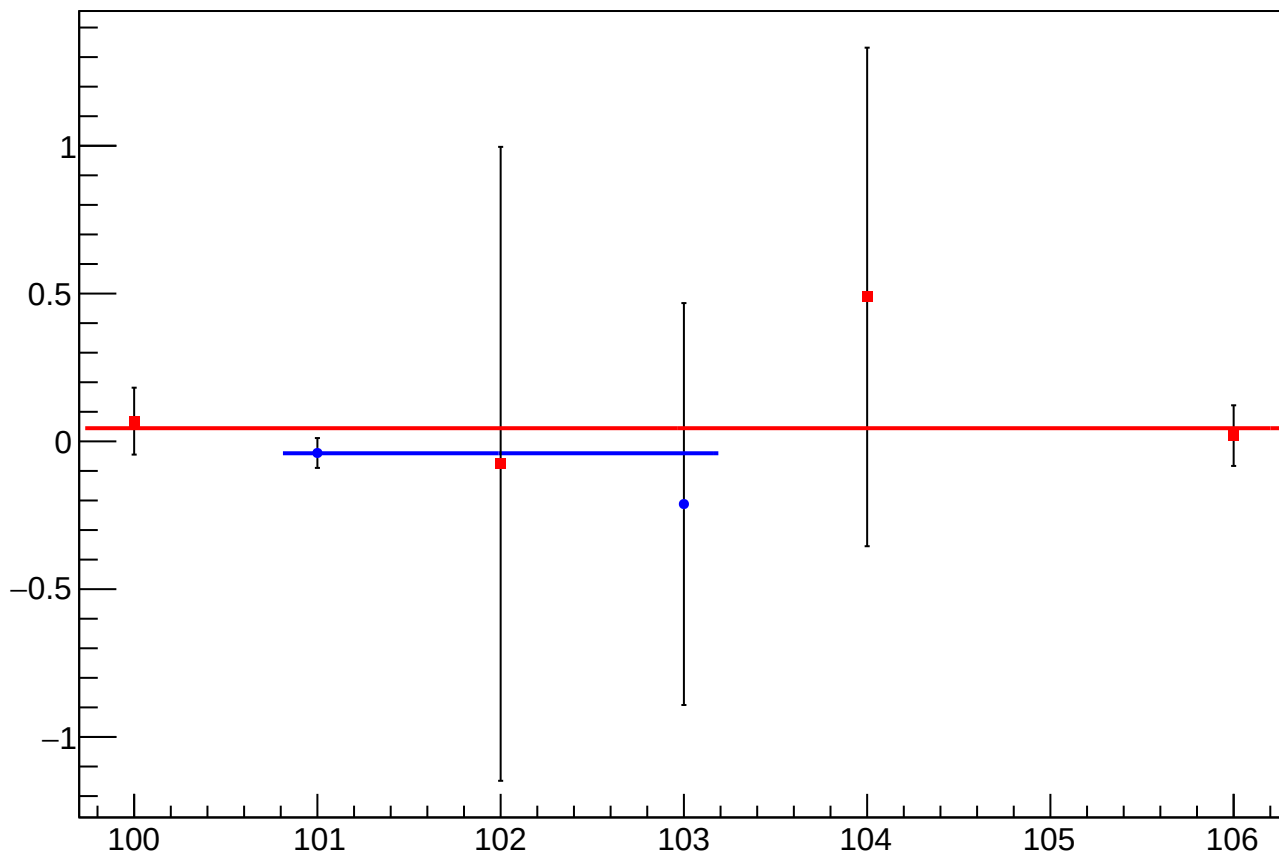
Right: 0.000+/-0.000 χ^2/NDF : 591409.4/5

In: 0.000+/-0.000 χ^2/NDF : 362529.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 591409.4/5

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.076 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

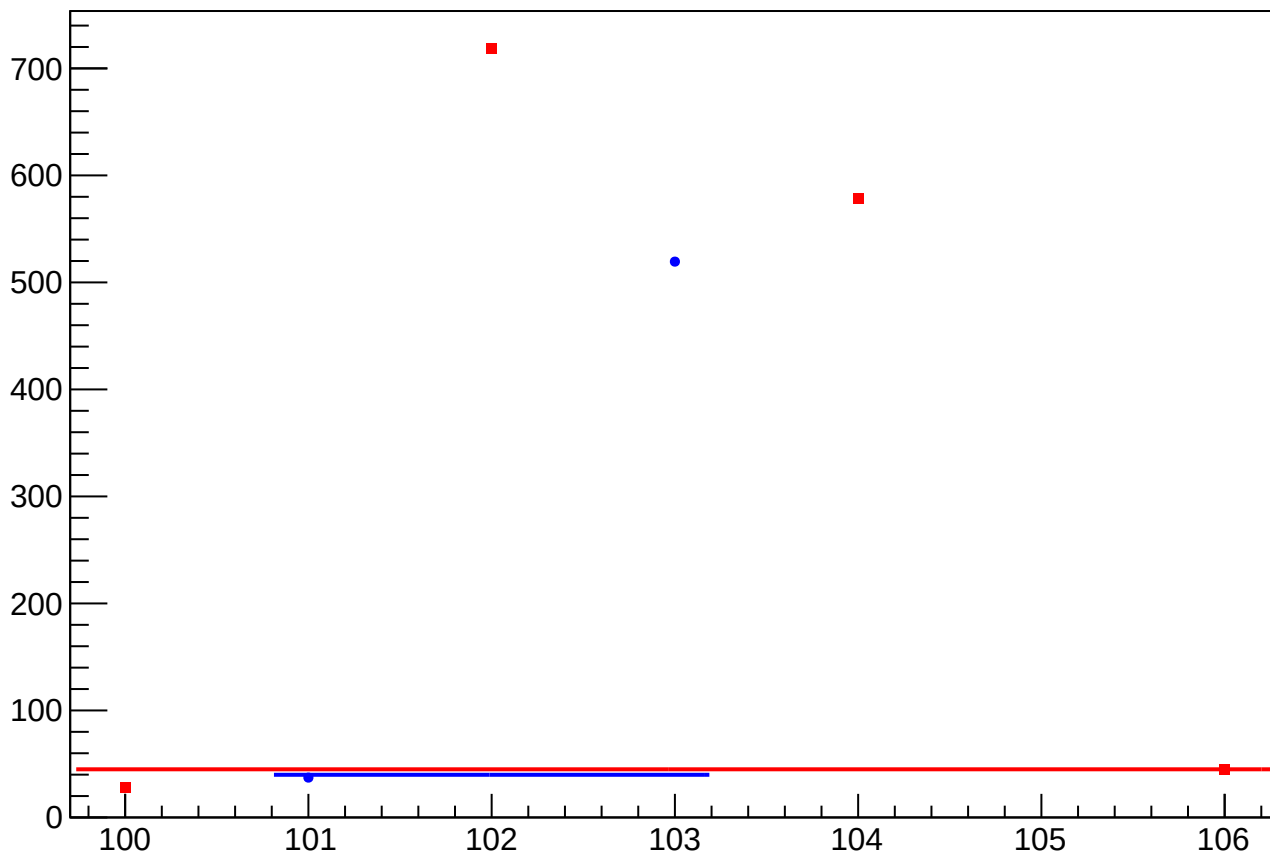
Right: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.999+/-0.053 χ^2/NDF : 1633469.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

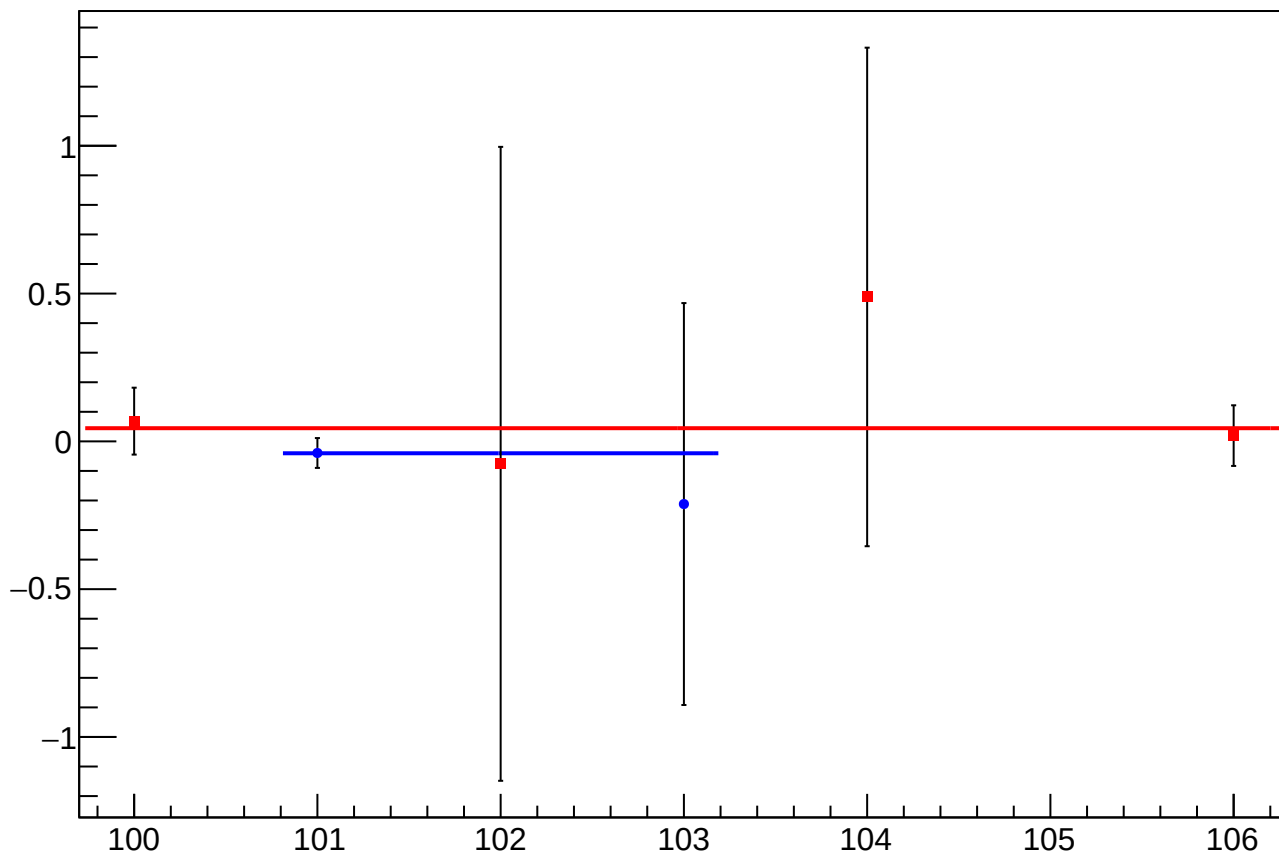
Right: 41.456+/-0.030 χ^2/NDF : 2640364.9/5

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.456+/-0.030 χ^2/NDF : 2640364.9/5

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.076 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

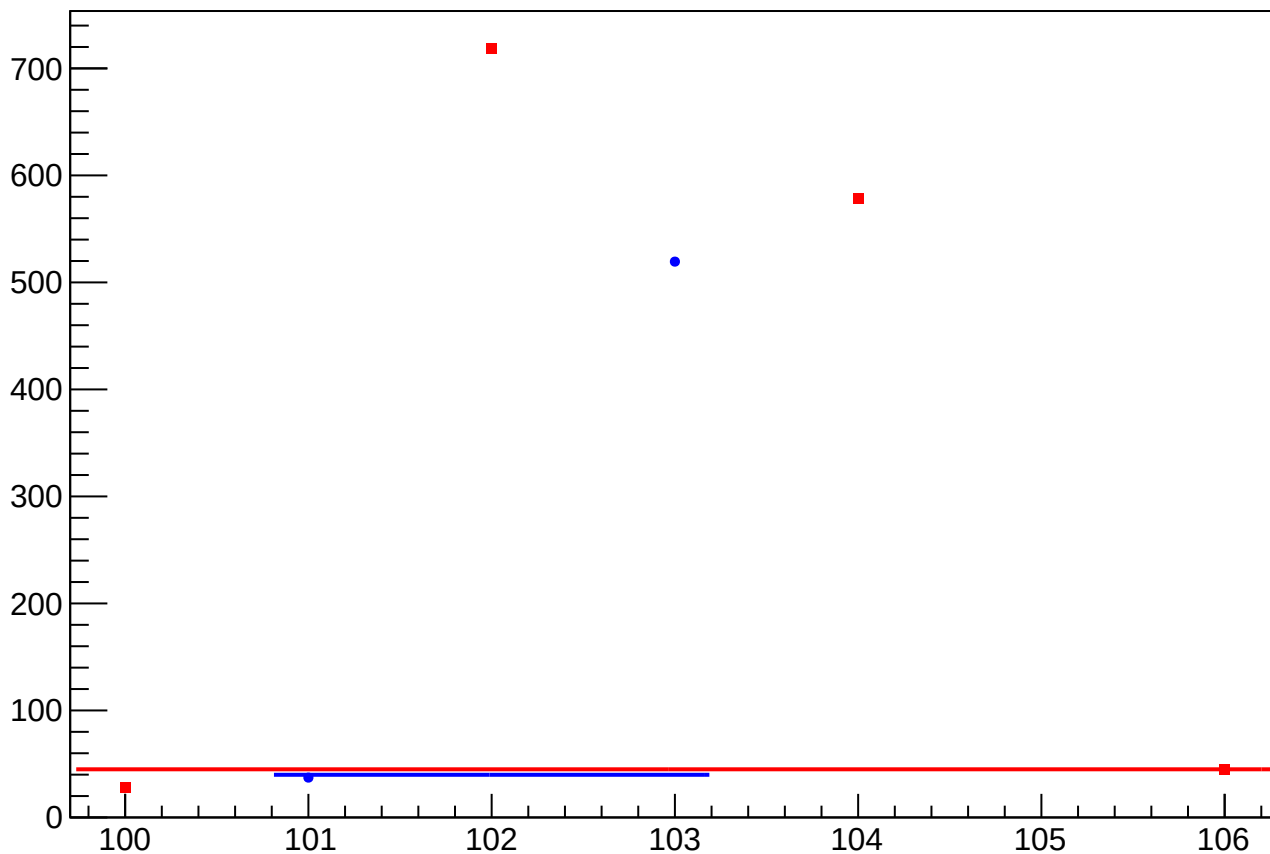
Right: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.999+/-0.053 χ^2/NDF : 1633469.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

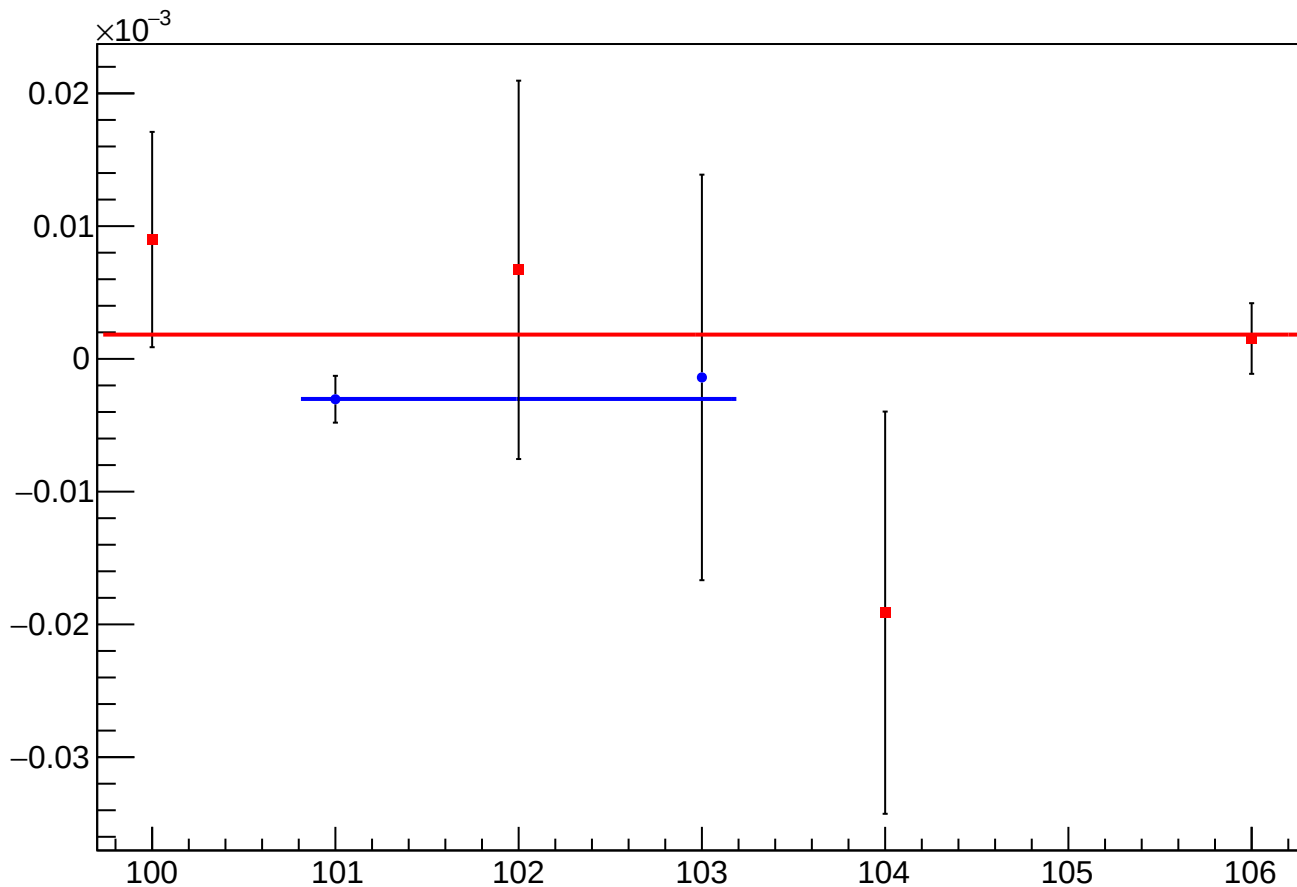
Right: 41.456+/-0.030 χ^2/NDF : 2640364.9/5

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.456+/-0.030 χ^2/NDF : 2640364.9/5

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

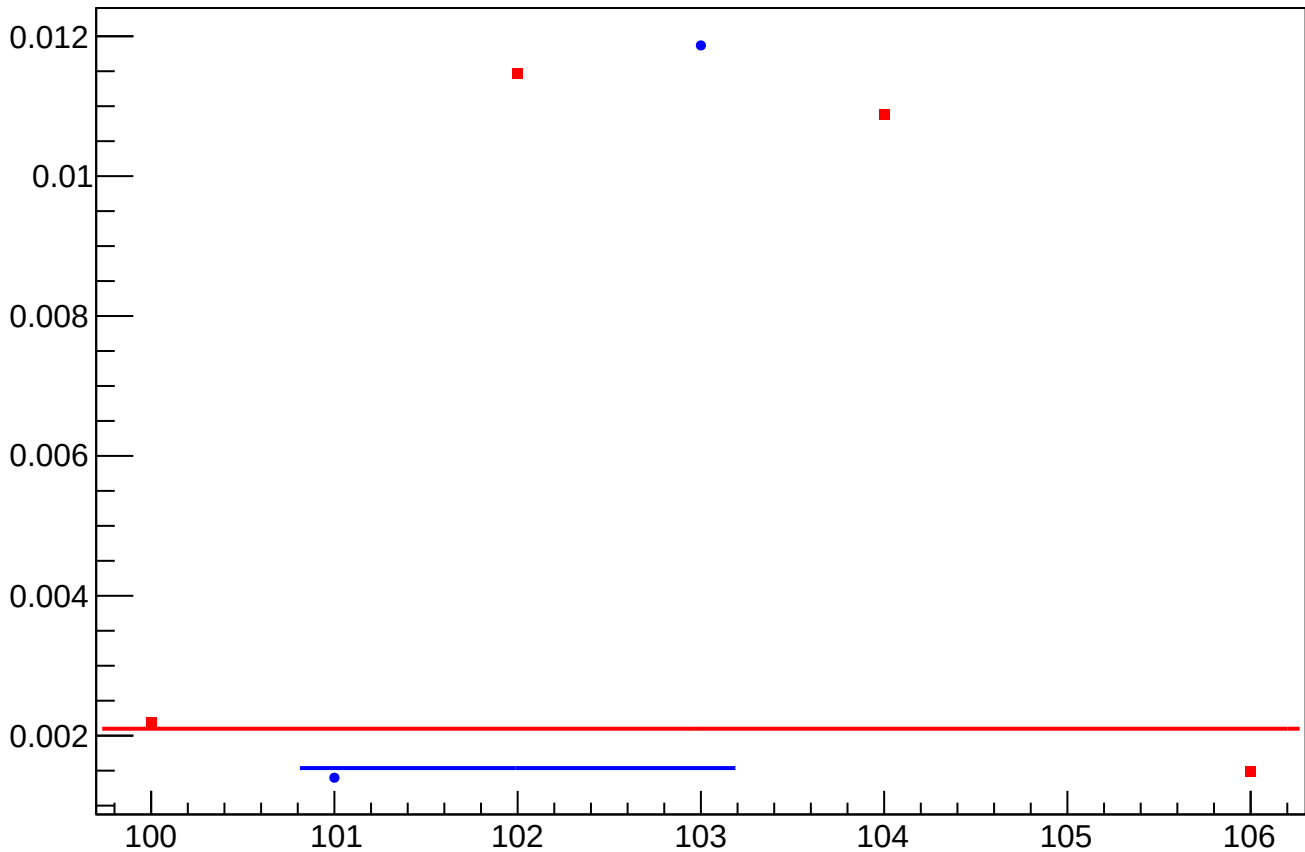
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/5

In: -0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/5

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 927397.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1641001.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

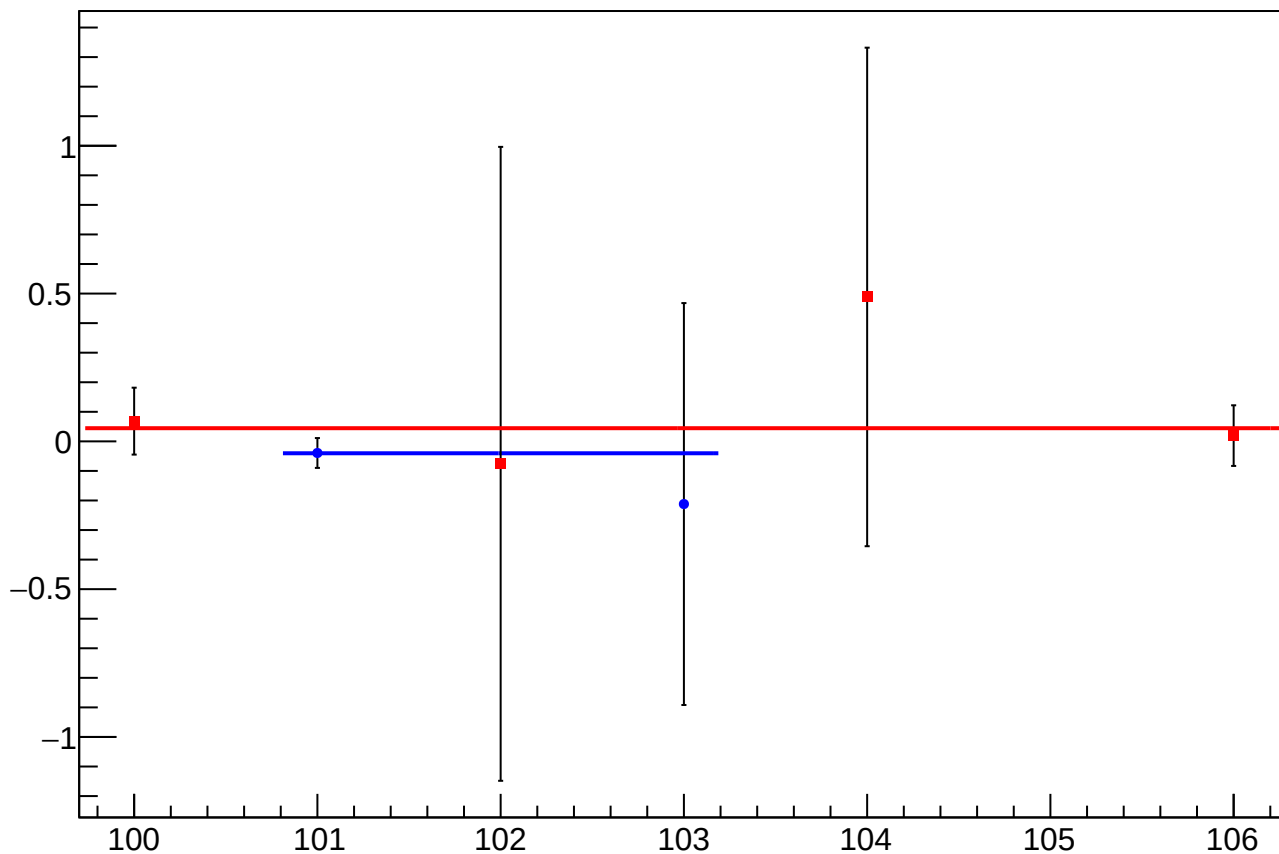
Right: 0.002+/-0.000 χ^2/NDF : 2638045.9/5

In: 0.002+/-0.000 χ^2/NDF : 927397.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2638045.9/5

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.050 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.045+/-0.076 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

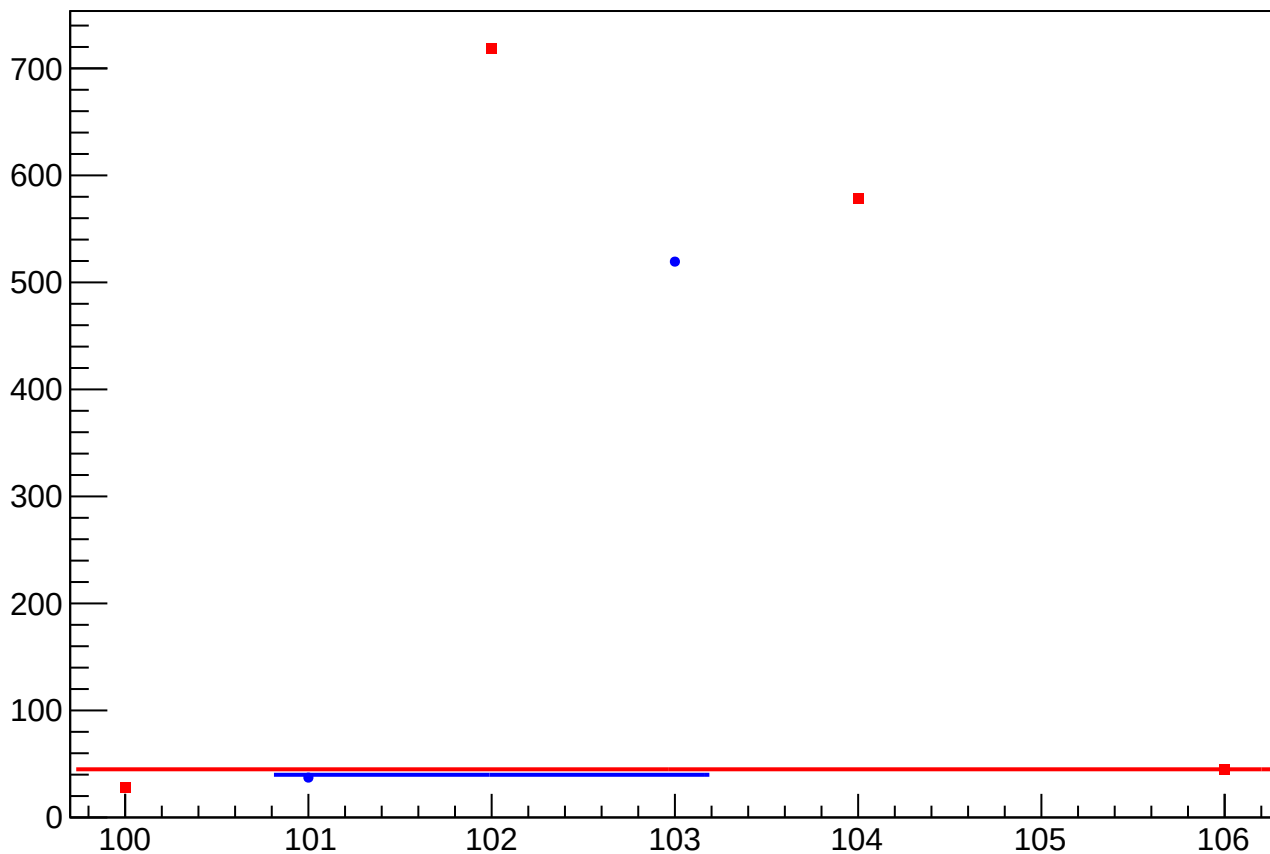
Right: -0.014+/-0.042 χ^2/NDF : 1.3/5

In: -0.040+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.042 χ^2/NDF : 1.3/5

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.999+/-0.053 χ^2/NDF : 1633457.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

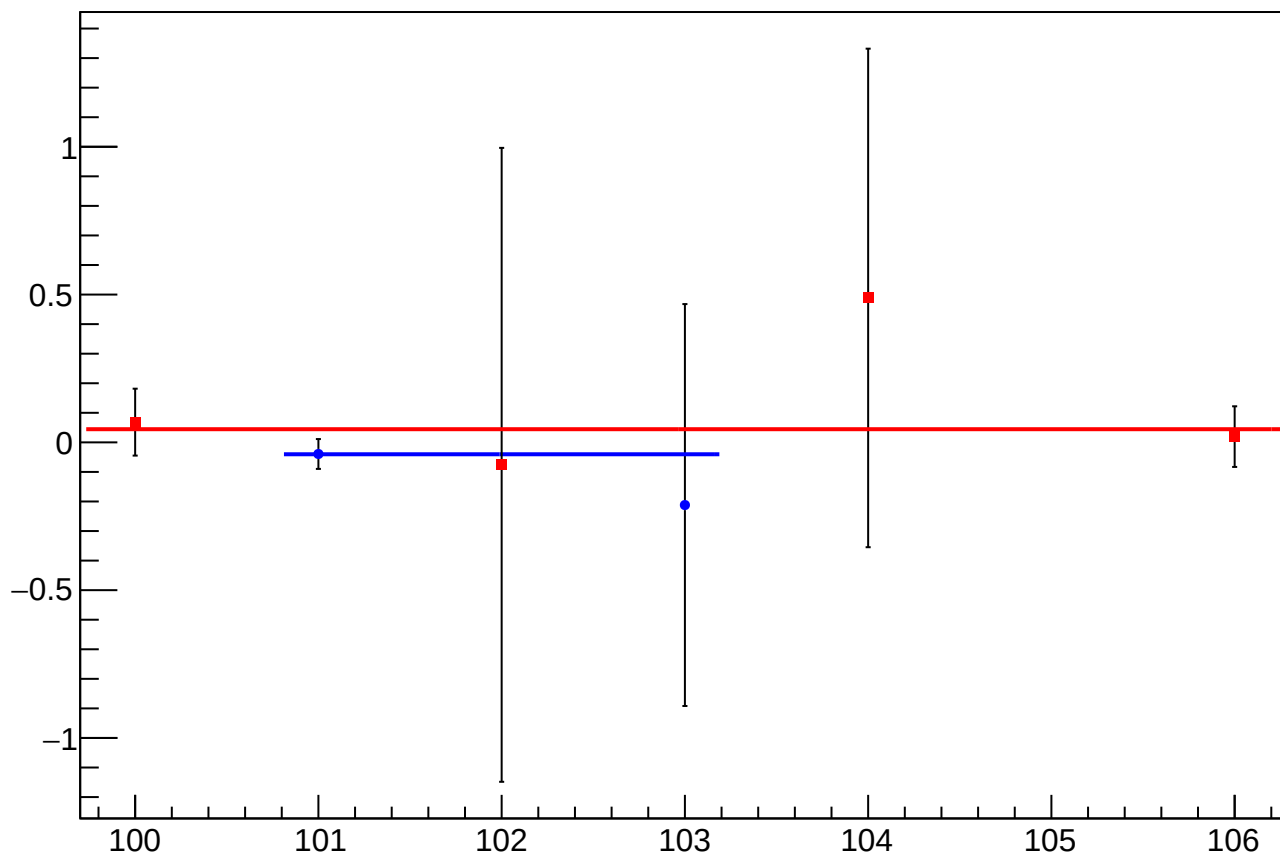
Right: 41.456+/-0.030 χ^2/NDF : 2640344.0/5

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.456+/-0.030 χ^2/NDF : 2640344.0/5

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.076 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

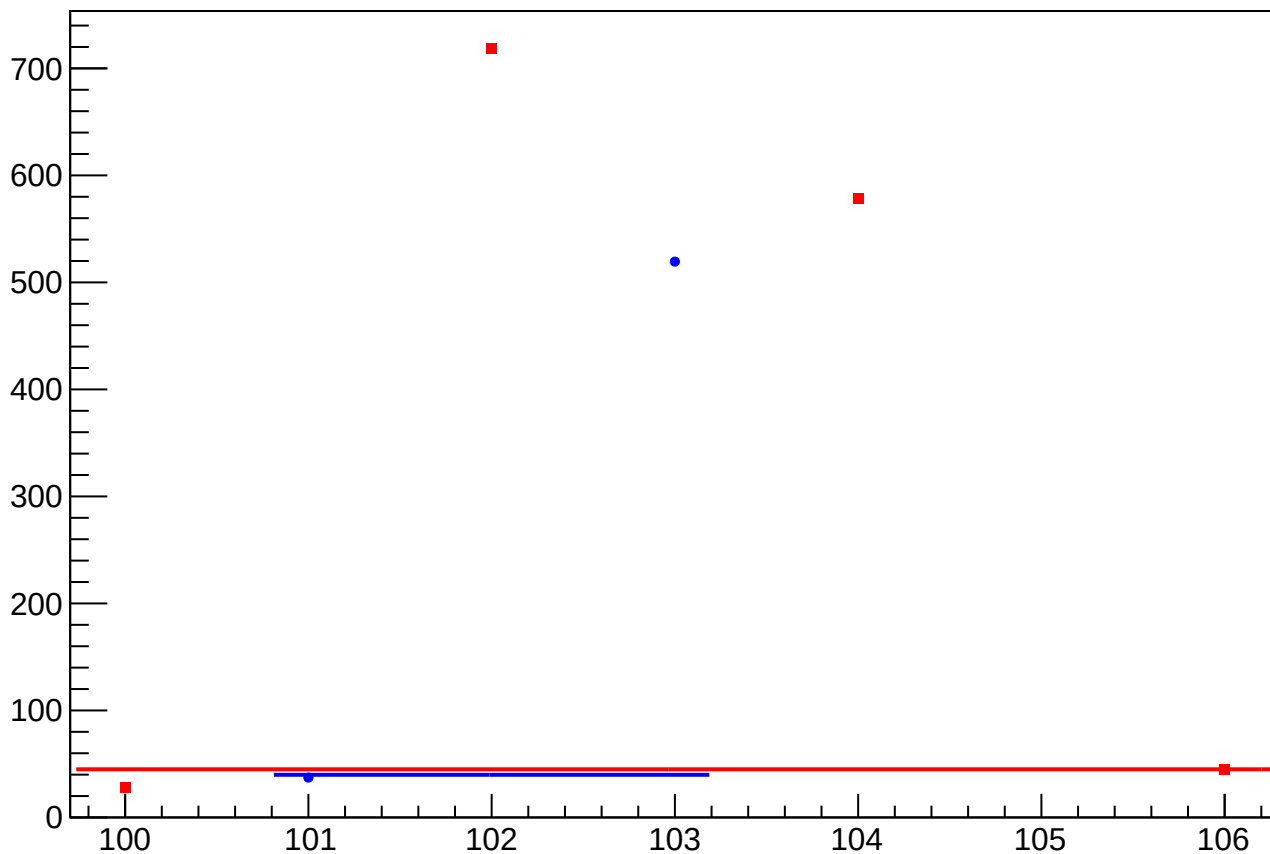
Right: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

In: -0.040 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.014 $\pm$ 0.042 χ^2 /NDF: 1.3/5

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.999+/-0.053 χ^2/NDF : 1633457.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

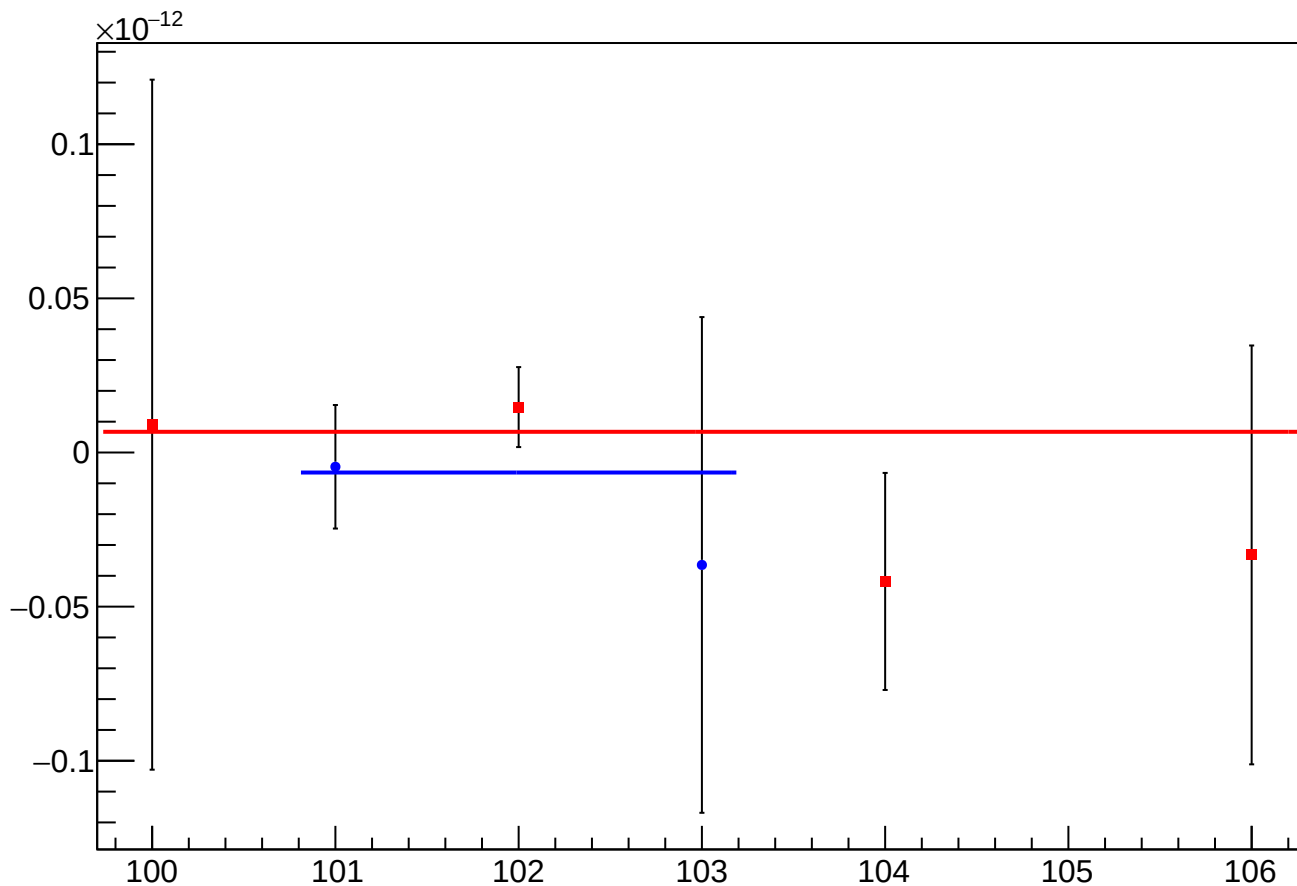
Right: 41.456+/-0.030 χ^2/NDF : 2640344.0/5

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.456+/-0.030 χ^2/NDF : 2640344.0/5

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

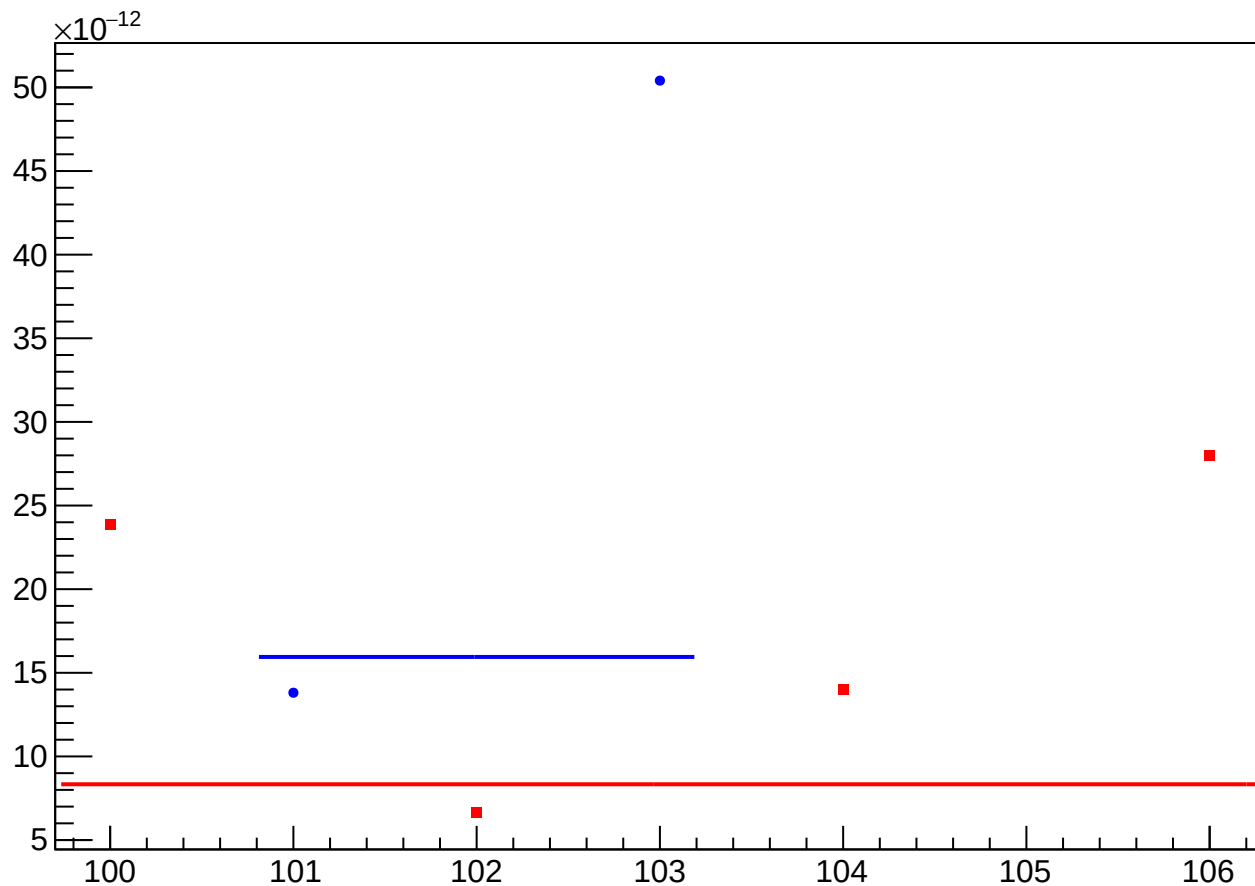
Right: 0.000+/-0.000 χ^2/NDF : 3.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.1/5

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 390103.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 292434.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

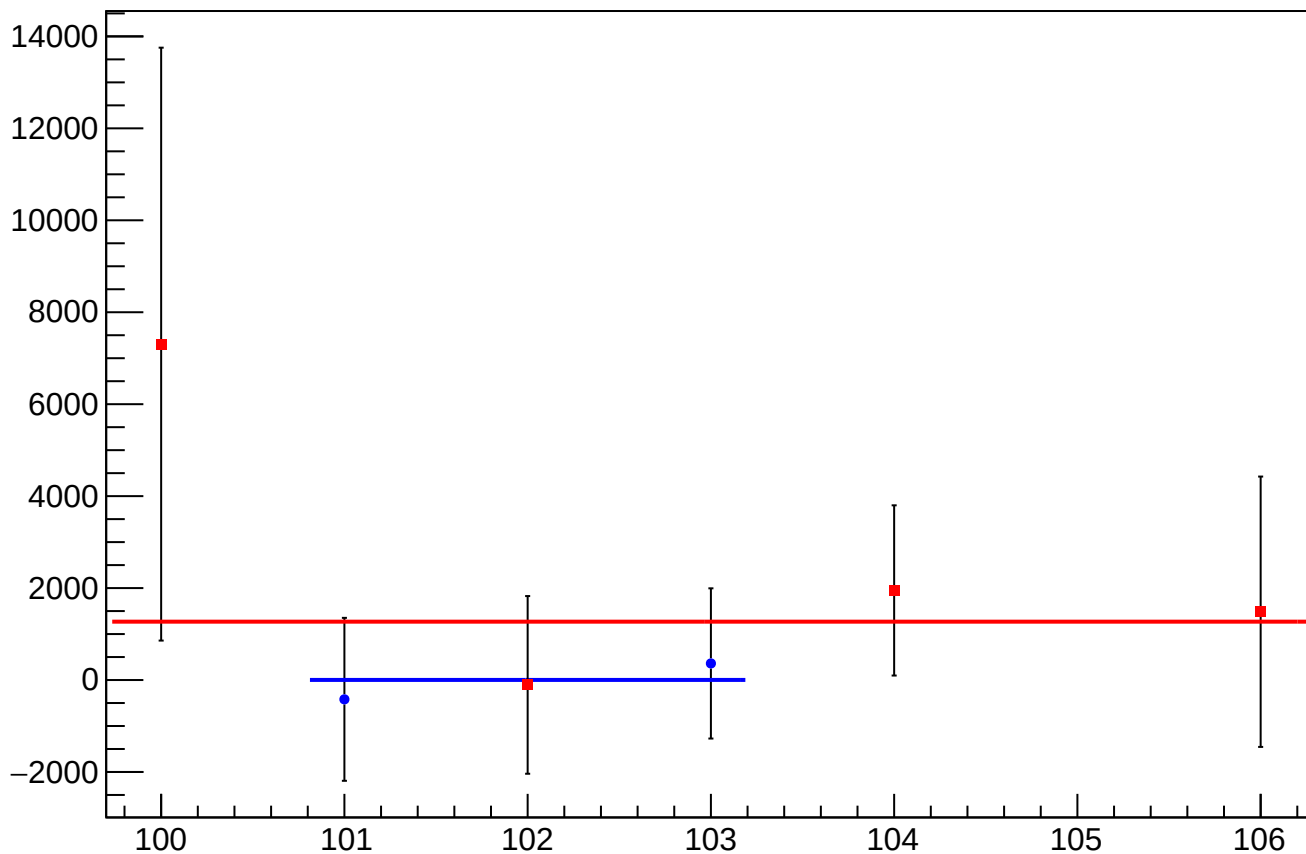
Right: 0.000+/-0.000 χ^2/NDF : 905481.3/5

In: 0.000+/-0.000 χ^2/NDF : 390103.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 905481.3/5

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 2.211+/-1201.194 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1269.549+/-1195.835 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

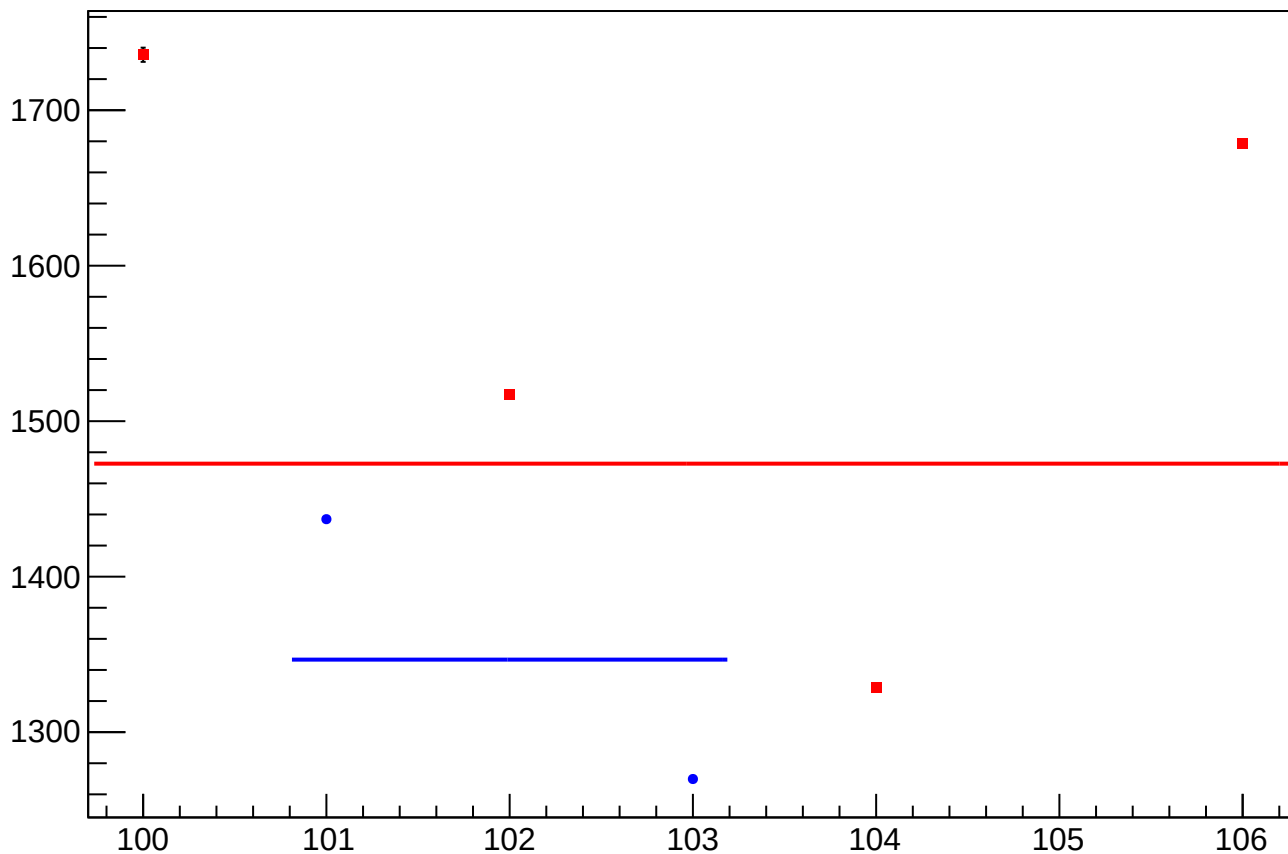
Right: 638.714+/-847.471 χ^2/NDF : 2.2/5

In: 2.211+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 638.714+/-847.471 χ^2/NDF : 2.2/5

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.646+/-0.849 χ^2/NDF : 9613.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1472.680+/-0.846 χ^2/NDF : 26325.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

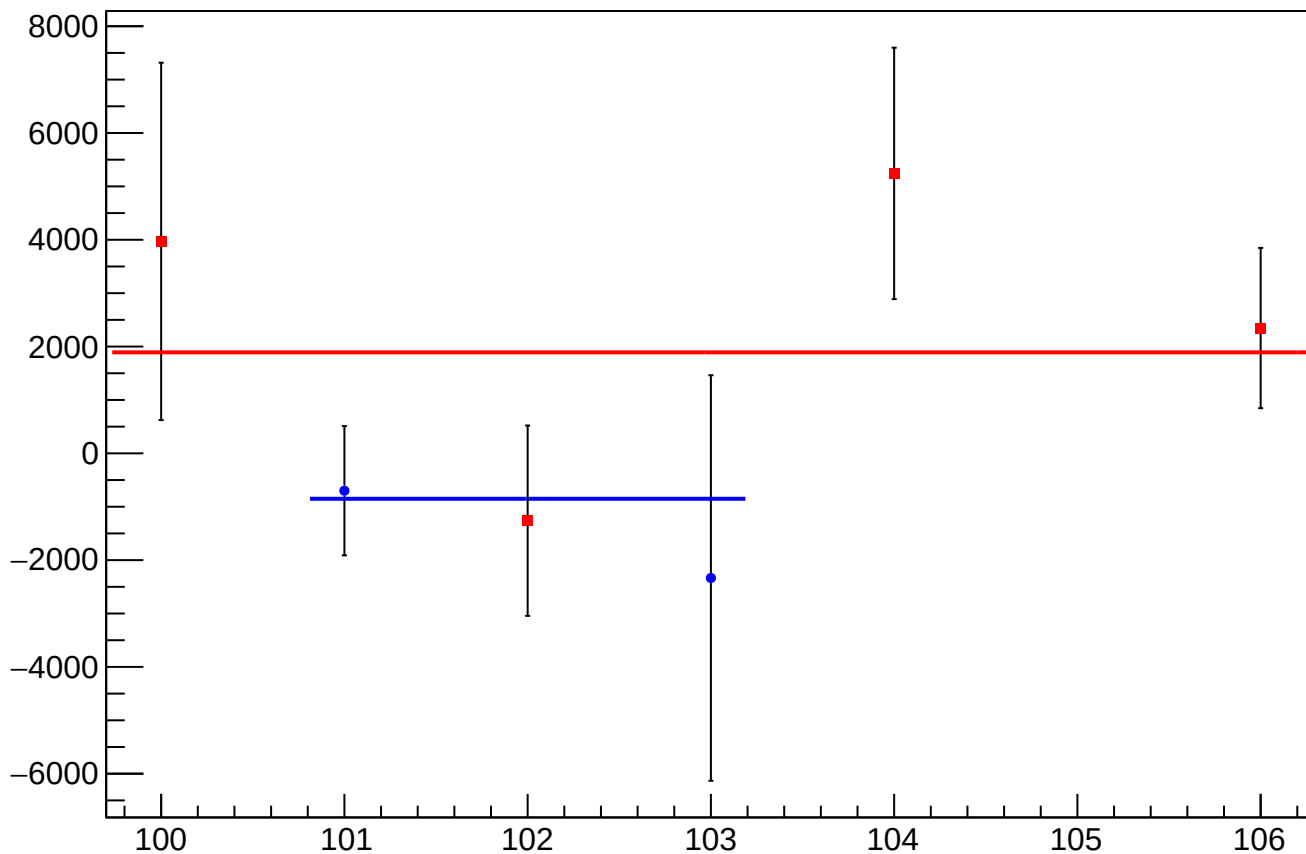
Right: 1409.945+/-0.599 χ^2/NDF : 46997.5/5

In: 1346.646+/-0.849 χ^2/NDF : 9613.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.945+/-0.599 χ^2/NDF : 46997.5/5

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -850.929+/-1153.736 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.453+/-986.334 χ^2/NDF : 5.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

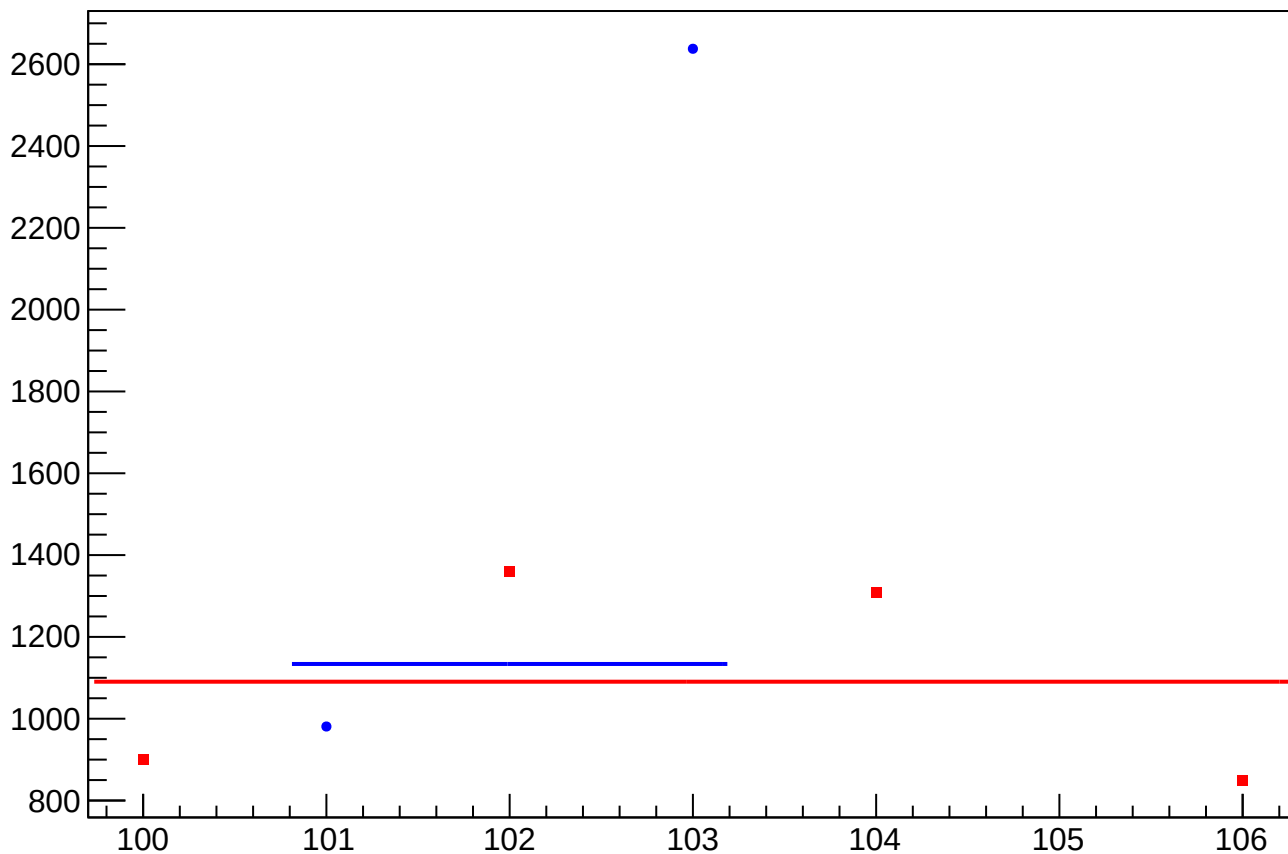
Right: 733.474+/-749.709 χ^2/NDF : 9.1/5

In: -850.929+/-1153.736 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.474+/-749.709 χ^2/NDF : 9.1/5

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1133.812+/-0.816 χ^2/NDF : 345467.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1090.459+/-0.697 χ^2/NDF : 120634.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

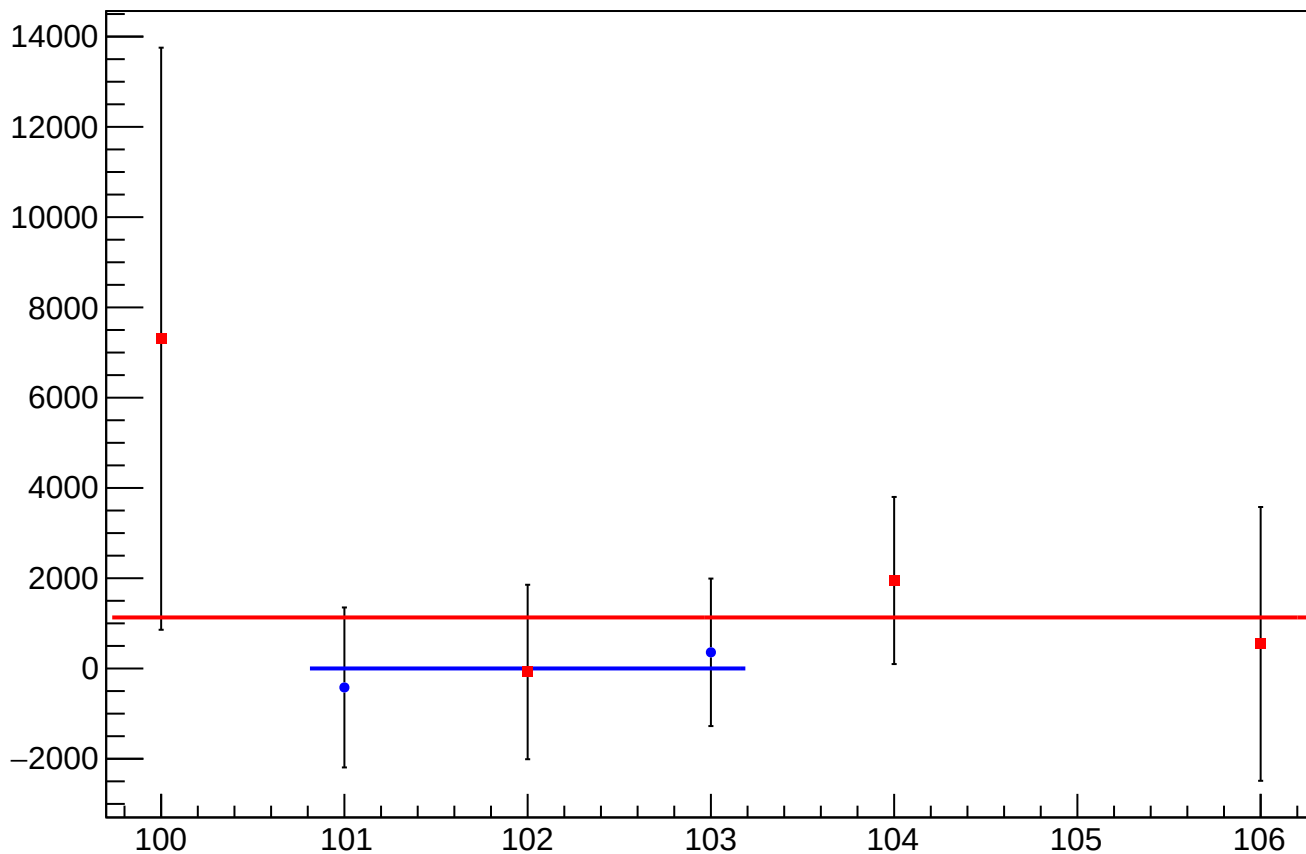
Right: 1108.765+/-0.530 χ^2/NDF : 467733.2/5

In: 1133.812+/-0.816 χ^2/NDF : 345467.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.765+/-0.530 χ^2/NDF : 467733.2/5

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1131.233+/-1201.865 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

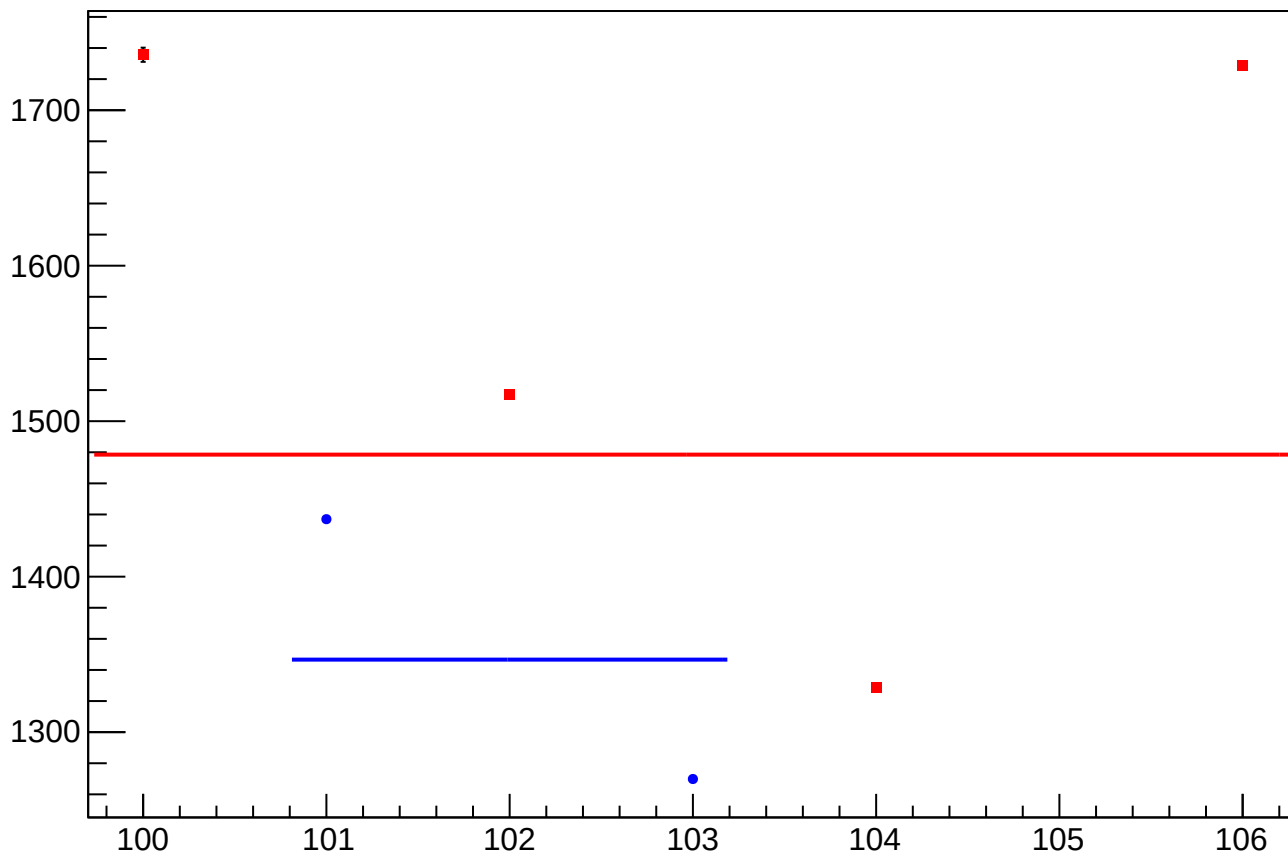
Right: 565.749+/-849.610 χ^2/NDF : 2.1/5

In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.749+/-849.610 χ^2/NDF : 2.1/5

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.647 ± 0.849 χ^2/NDF : 9613.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1478.492 ± 0.850 χ^2/NDF : 30698.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

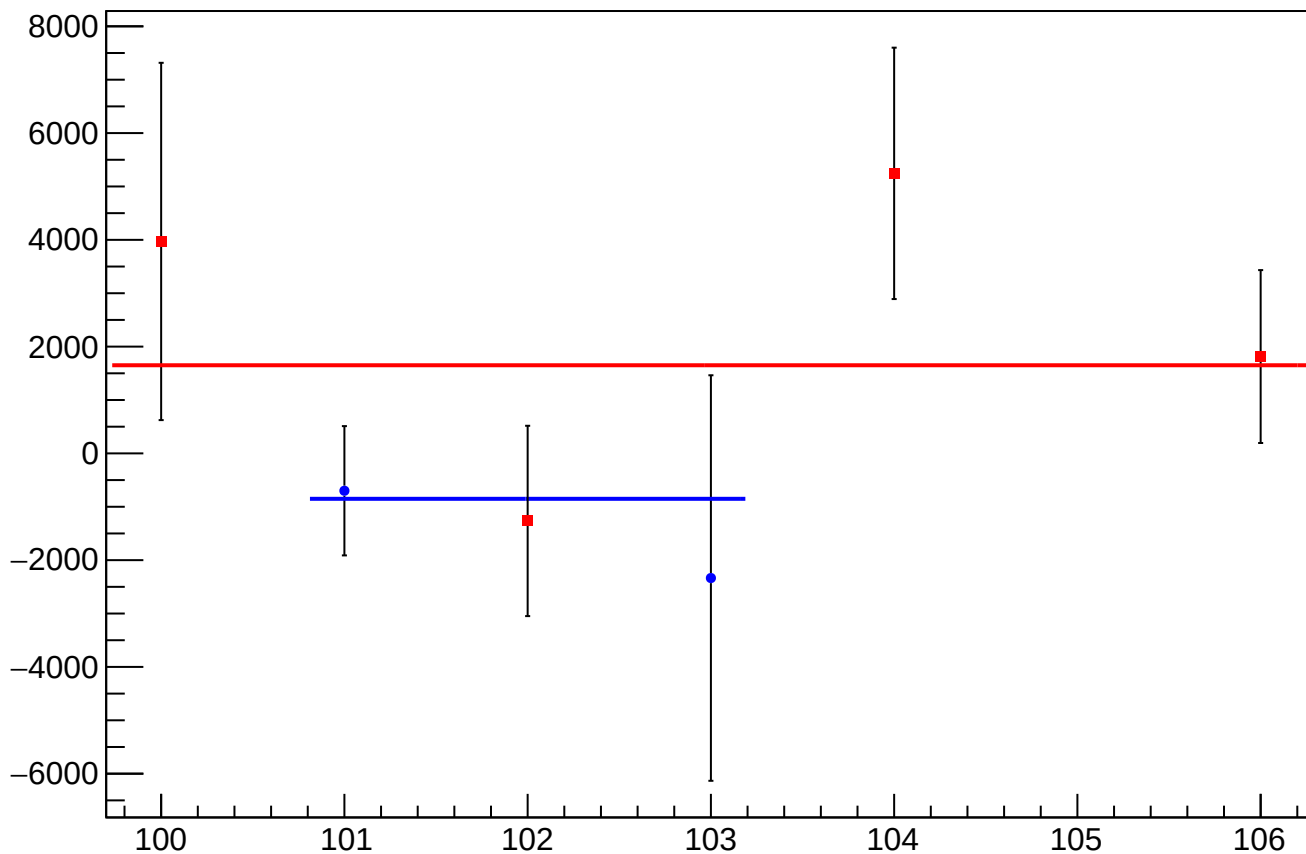
Right: 1412.533 ± 0.601 χ^2/NDF : 52353.1/5

In: 1346.647 ± 0.849 χ^2/NDF : 9613.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1412.533 ± 0.601 χ^2/NDF : 52353.1/5

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1650.868+/-1017.613 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

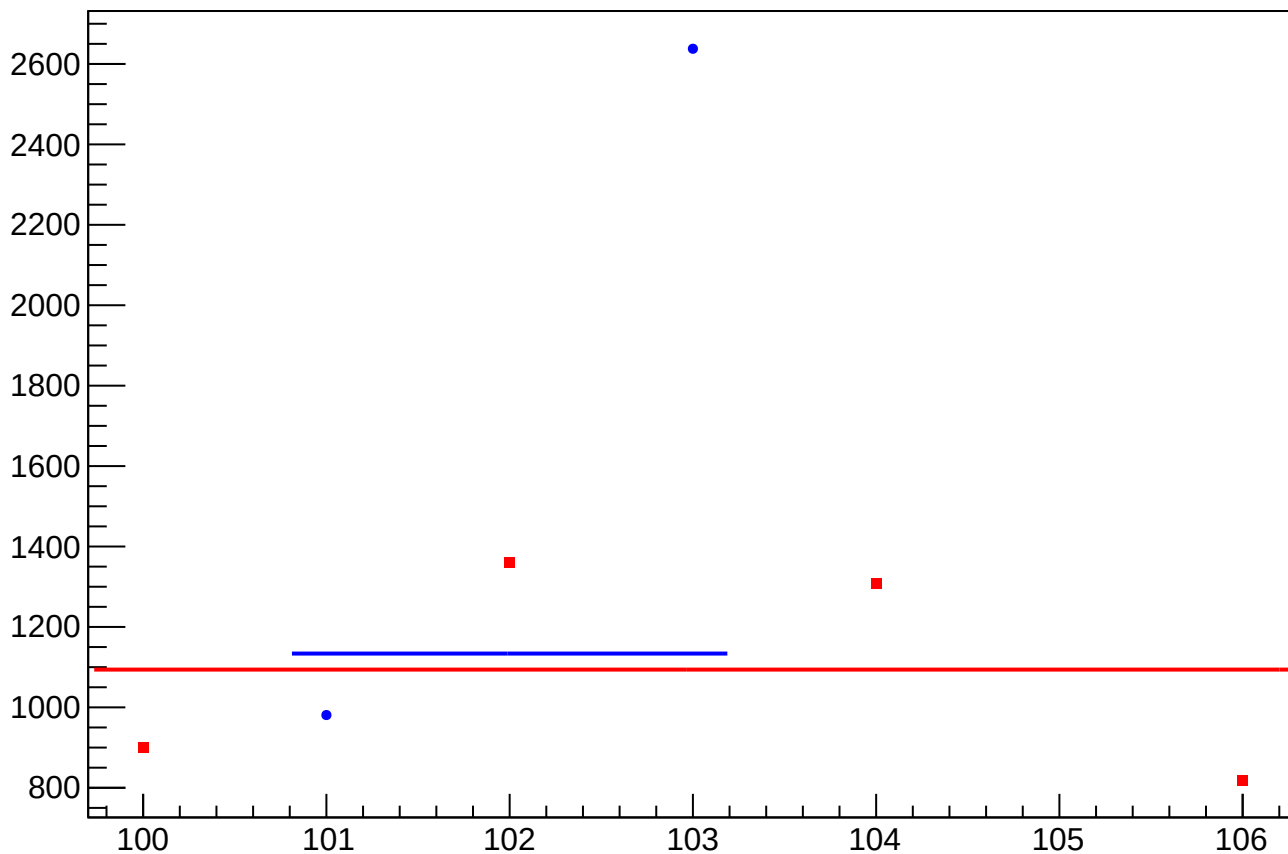
Right: 556.138+/-763.170 χ^2/NDF : 8.3/5

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.138+/-763.170 χ^2/NDF : 8.3/5

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1133.791 +/- 0.816 χ^2/NDF : 345480.8/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 1093.926 +/- 0.720 χ^2/NDF : 125484.0/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

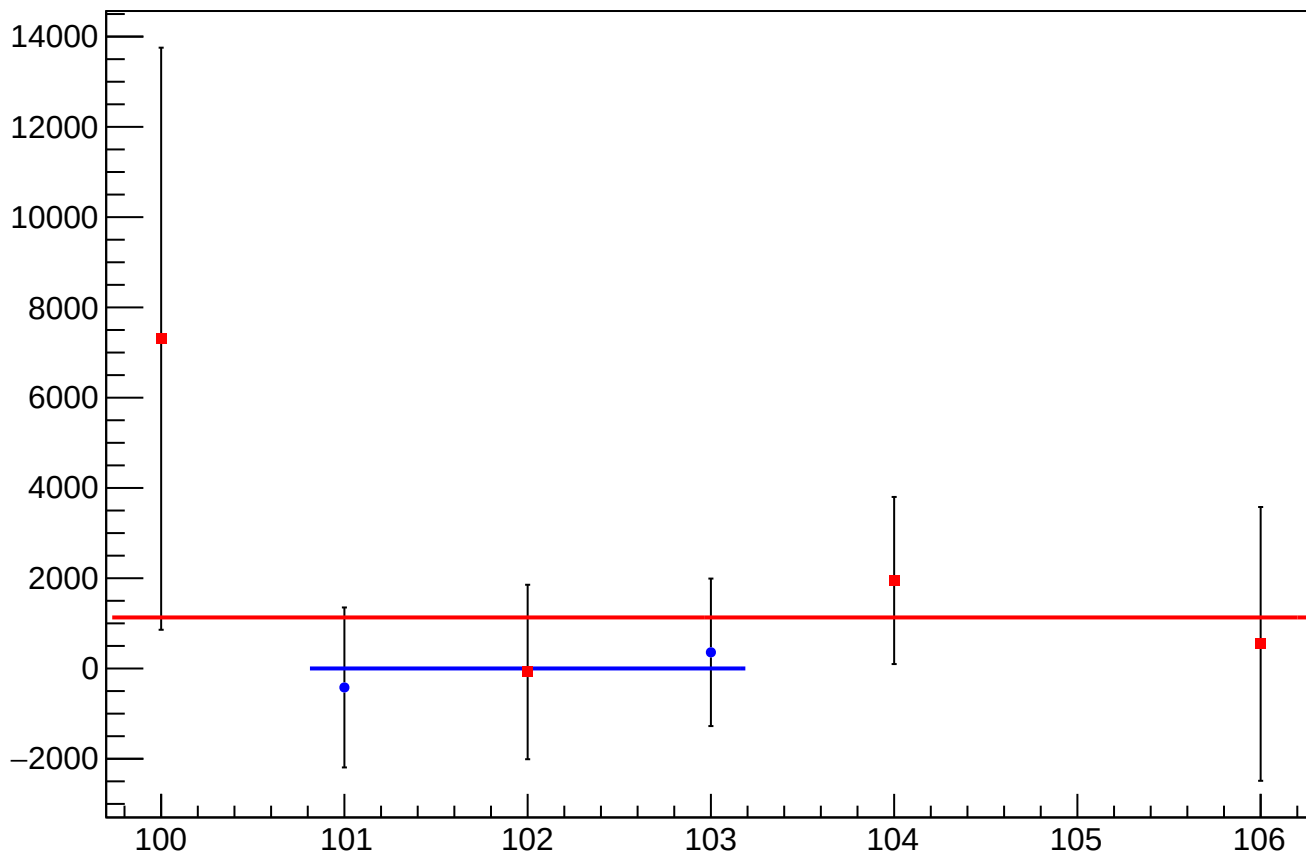
Right: 1111.369 +/- 0.540 χ^2/NDF : 472307.9/5

In: 1133.791 +/- 0.816 χ^2/NDF : 345480.8/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1111.369 +/- 0.540 χ^2/NDF : 472307.9/5

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1131.233+/-1201.865 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

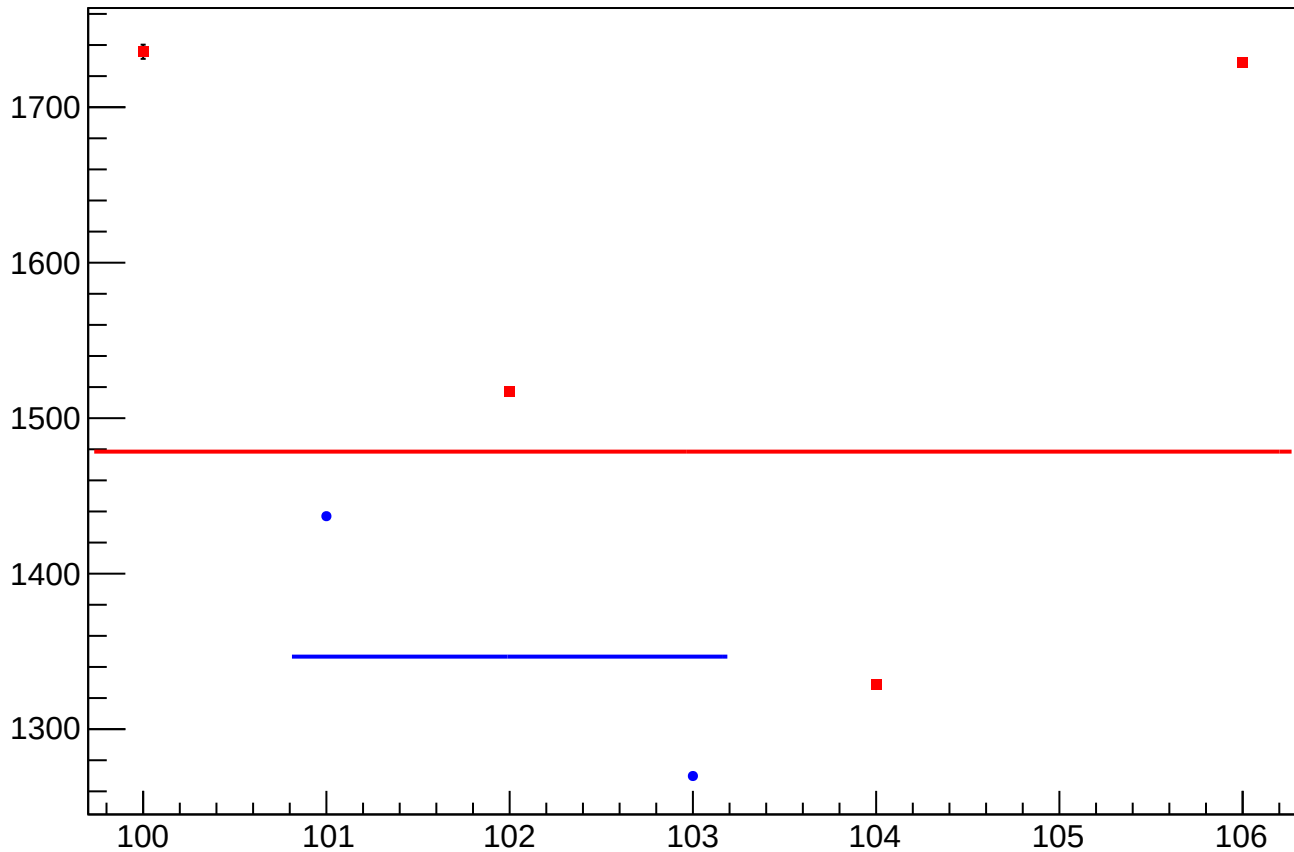
Right: 565.749+/-849.610 χ^2/NDF : 2.1/5

In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.749+/-849.610 χ^2/NDF : 2.1/5

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1346.647 $\pm$ 0.849 χ^2 /NDF: 9613.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1478.492 $\pm$ 0.850 χ^2 /NDF: 30698.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

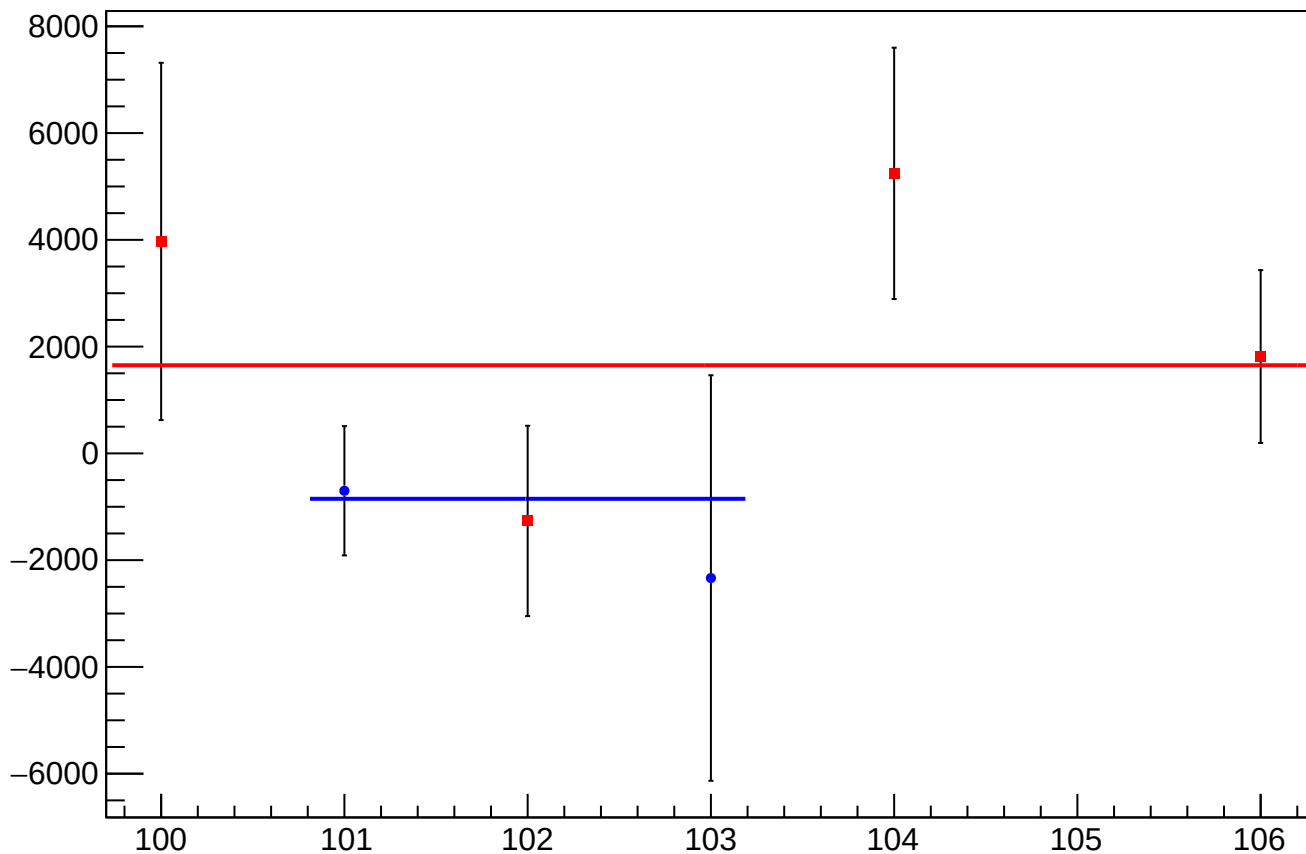
Right: 1412.533 $\pm$ 0.601 χ^2 /NDF: 52353.1/5

In: 1346.647 $\pm$ 0.849 χ^2 /NDF: 9613.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1412.533 $\pm$ 0.601 χ^2 /NDF: 52353.1/5

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1650.868+/-1017.613 χ^2/NDF : 5.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

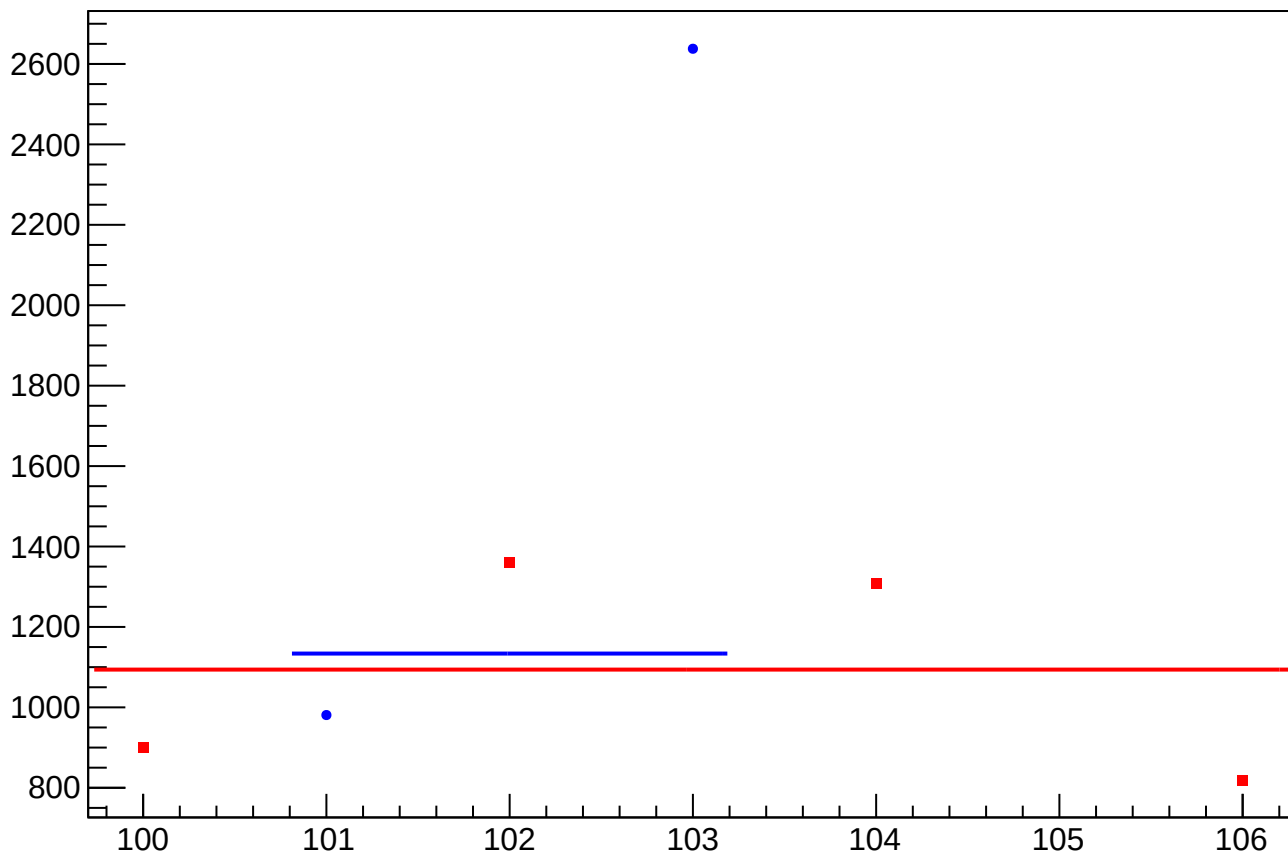
Right: 556.138+/-763.170 χ^2/NDF : 8.3/5

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.138+/-763.170 χ^2/NDF : 8.3/5

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.926+/-0.720 χ^2/NDF : 125484.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

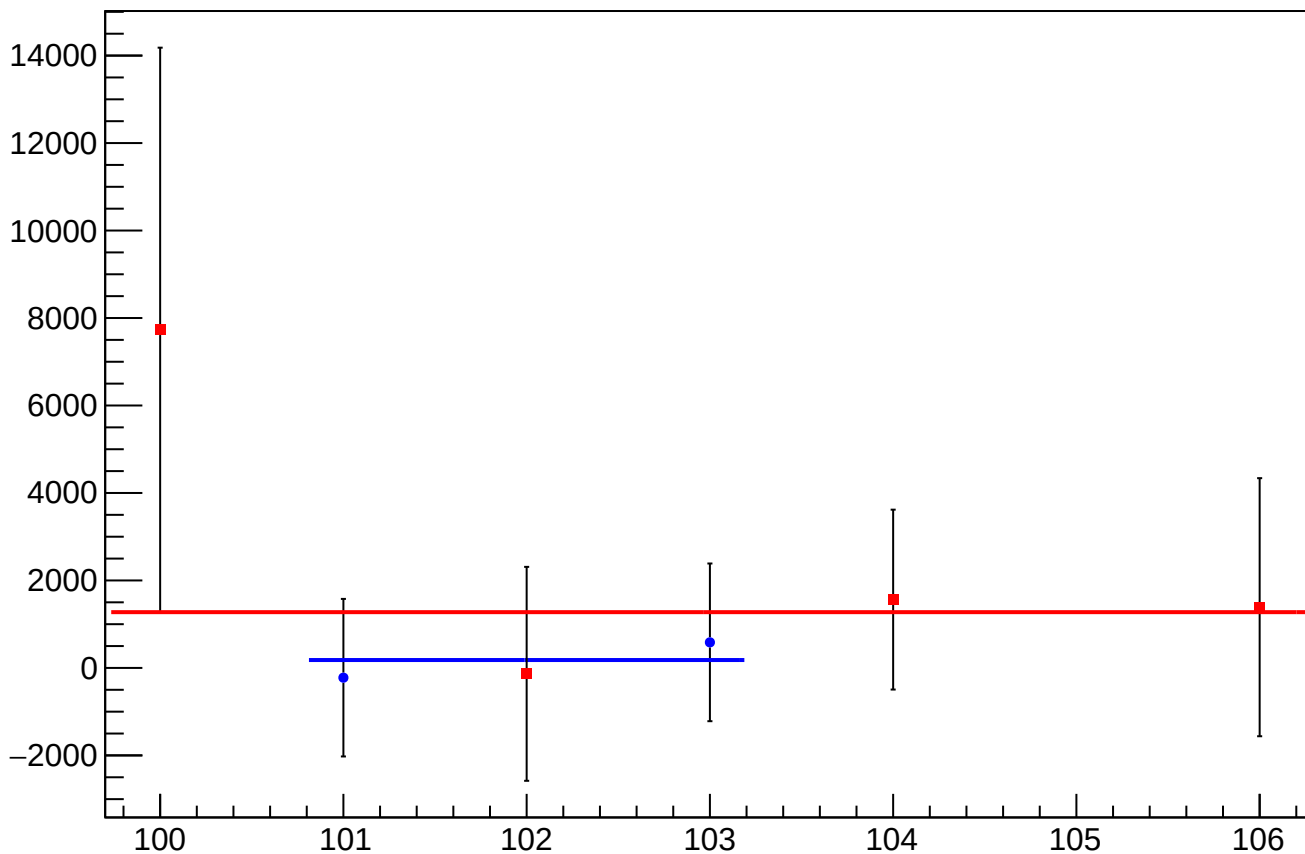
Right: 1111.369+/-0.540 χ^2/NDF : 472307.9/5

In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.369+/-0.540 χ^2/NDF : 472307.9/5

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 180.495 $\pm$ 1274.149 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1274.999 $\pm$ 1357.578 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

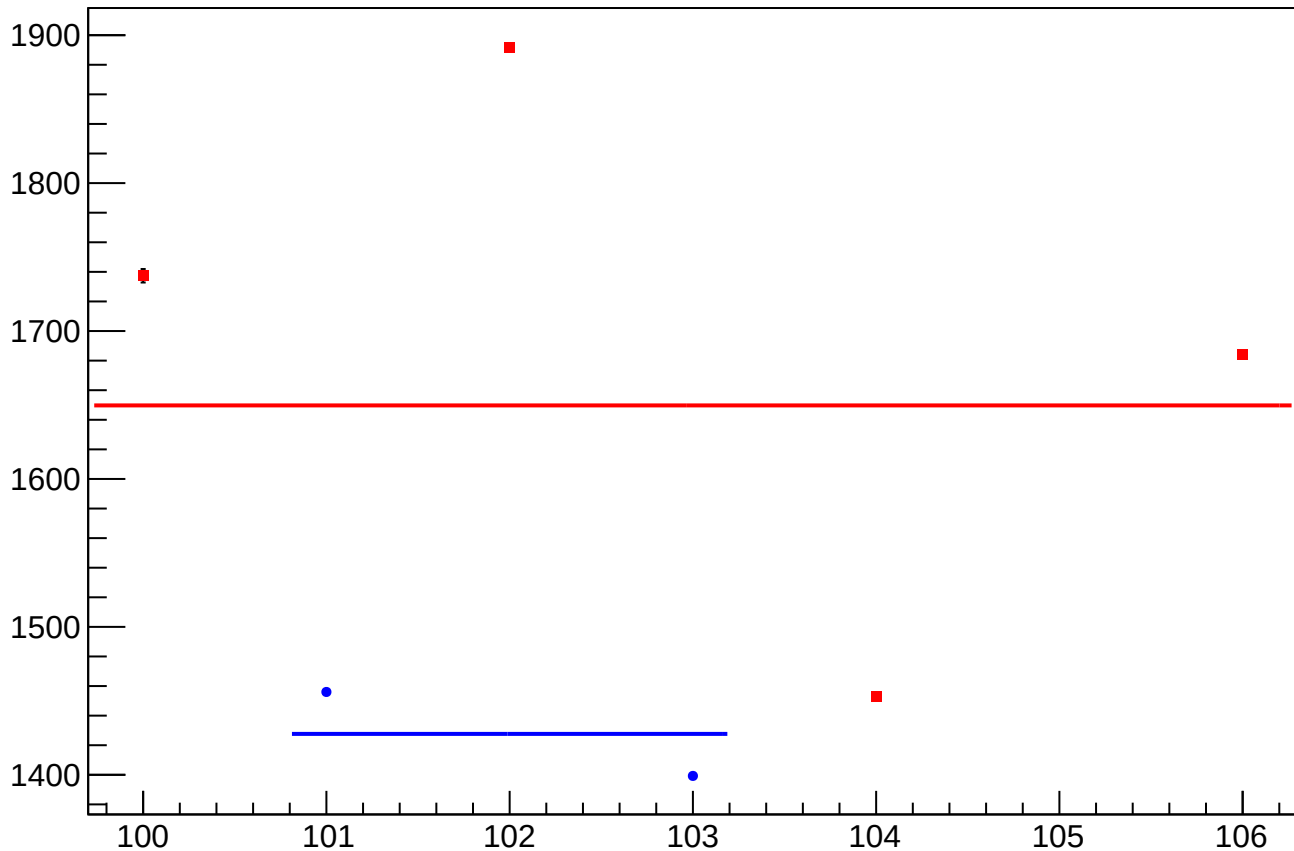
Right: 693.085 $\pm$ 929.054 χ^2 /NDF: 1.8/5

In: 180.495 $\pm$ 1274.149 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 693.085 $\pm$ 929.054 χ^2 /NDF: 1.8/5

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.656+/-0.901 χ^2 /NDF: 992.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1649.720+/-0.960 χ^2 /NDF: 38594.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

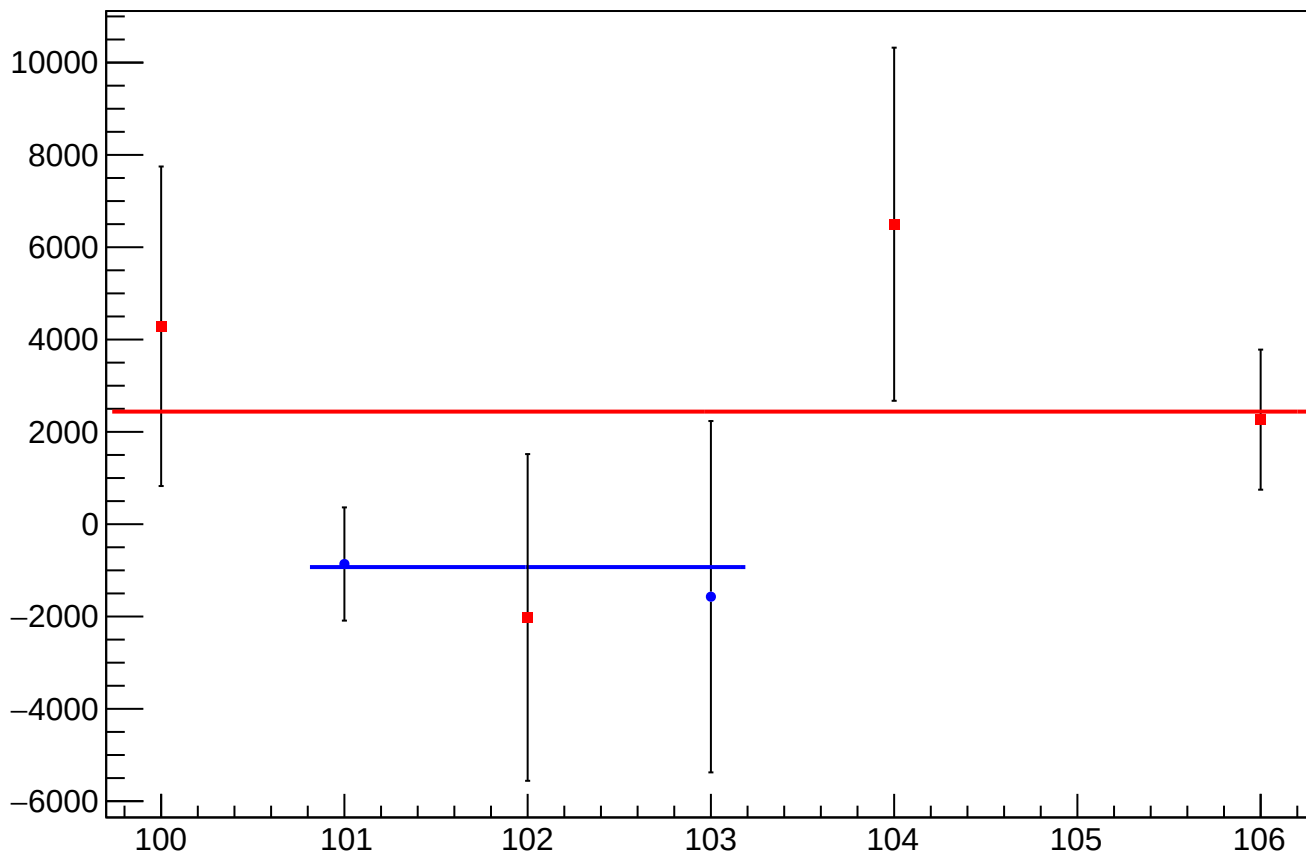
Right: 1531.655+/-0.657 χ^2 /NDF: 68037.9/5

In: 1427.656+/-0.901 χ^2 /NDF: 992.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1531.655+/-0.657 χ^2 /NDF: 68037.9/5

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.983+/-1167.217 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2439.096+/-1225.297 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

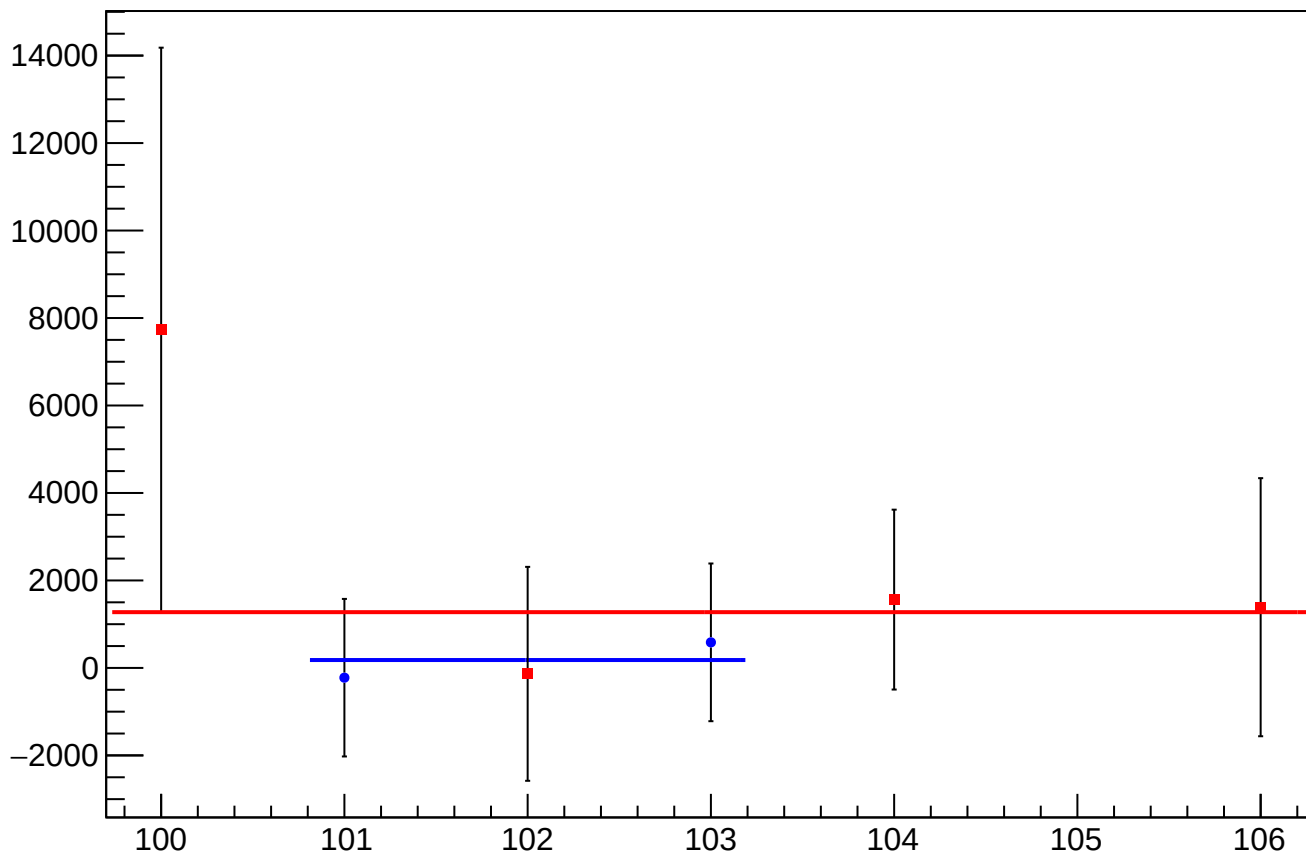
Right: 673.342+/-845.134 χ^2/NDF : 7.0/5

In: -928.983+/-1167.217 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 673.342+/-845.134 χ^2/NDF : 7.0/5

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 180.501+/-1274.148 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.002+/-1357.577 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

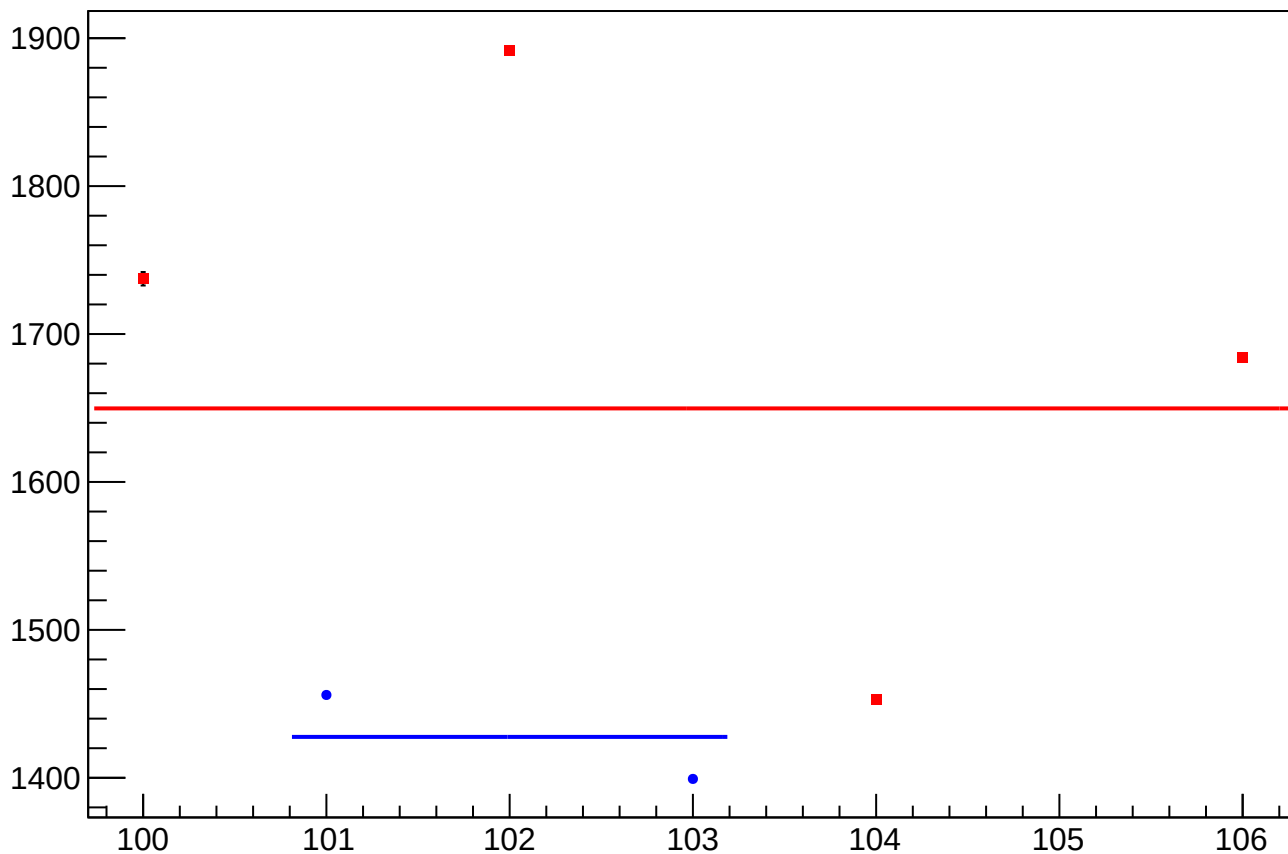
Right: 693.089+/-929.054 χ^2/NDF : 1.8/5

In: 180.501+/-1274.148 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 693.089+/-929.054 χ^2/NDF : 1.8/5

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.654+/-0.901 χ^2/NDF : 992.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1649.719+/-0.960 χ^2/NDF : 38595.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

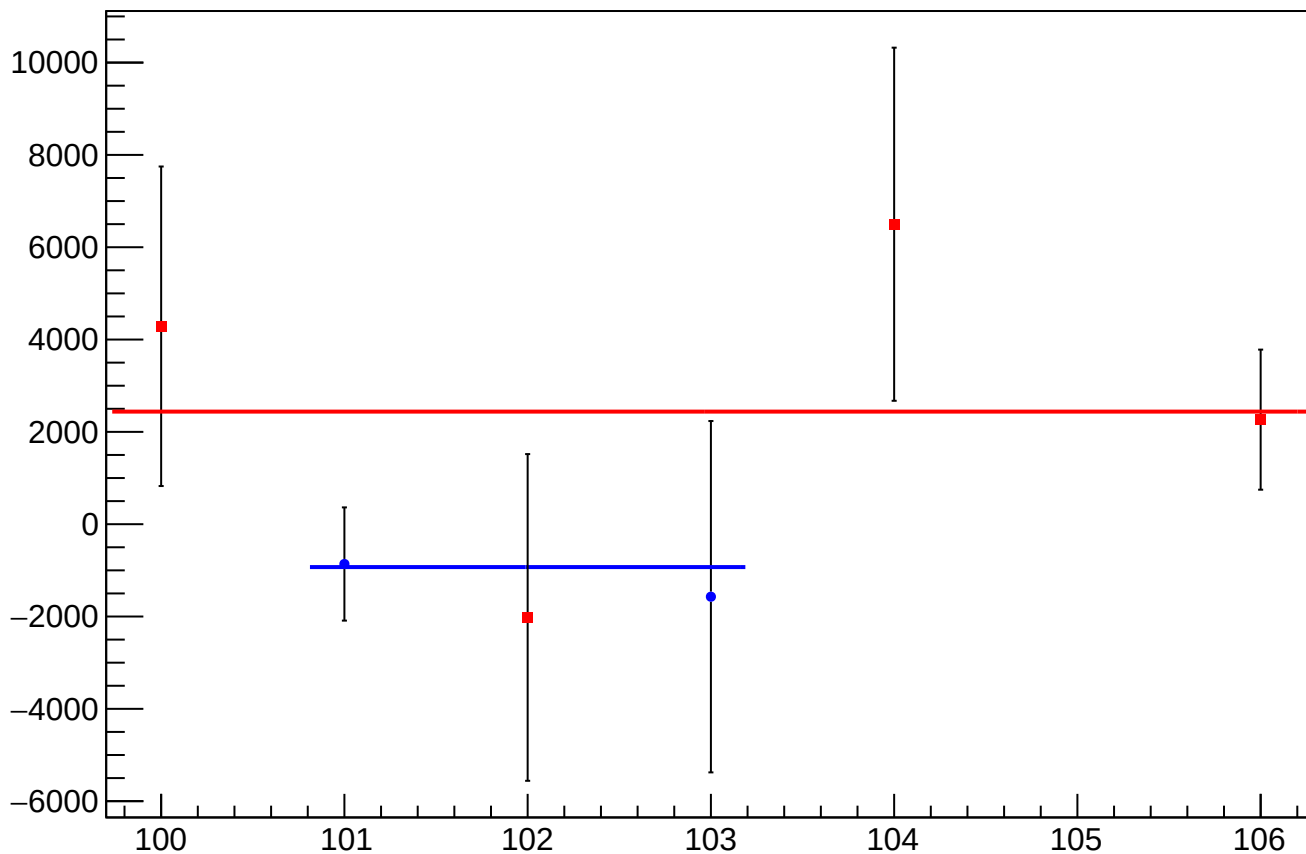
Right: 1531.654+/-0.657 χ^2/NDF : 68038.2/5

In: 1427.654+/-0.901 χ^2/NDF : 992.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1531.654+/-0.657 χ^2/NDF : 68038.2/5

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.980 $\pm$ 1167.216 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2439.092 $\pm$ 1225.295 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

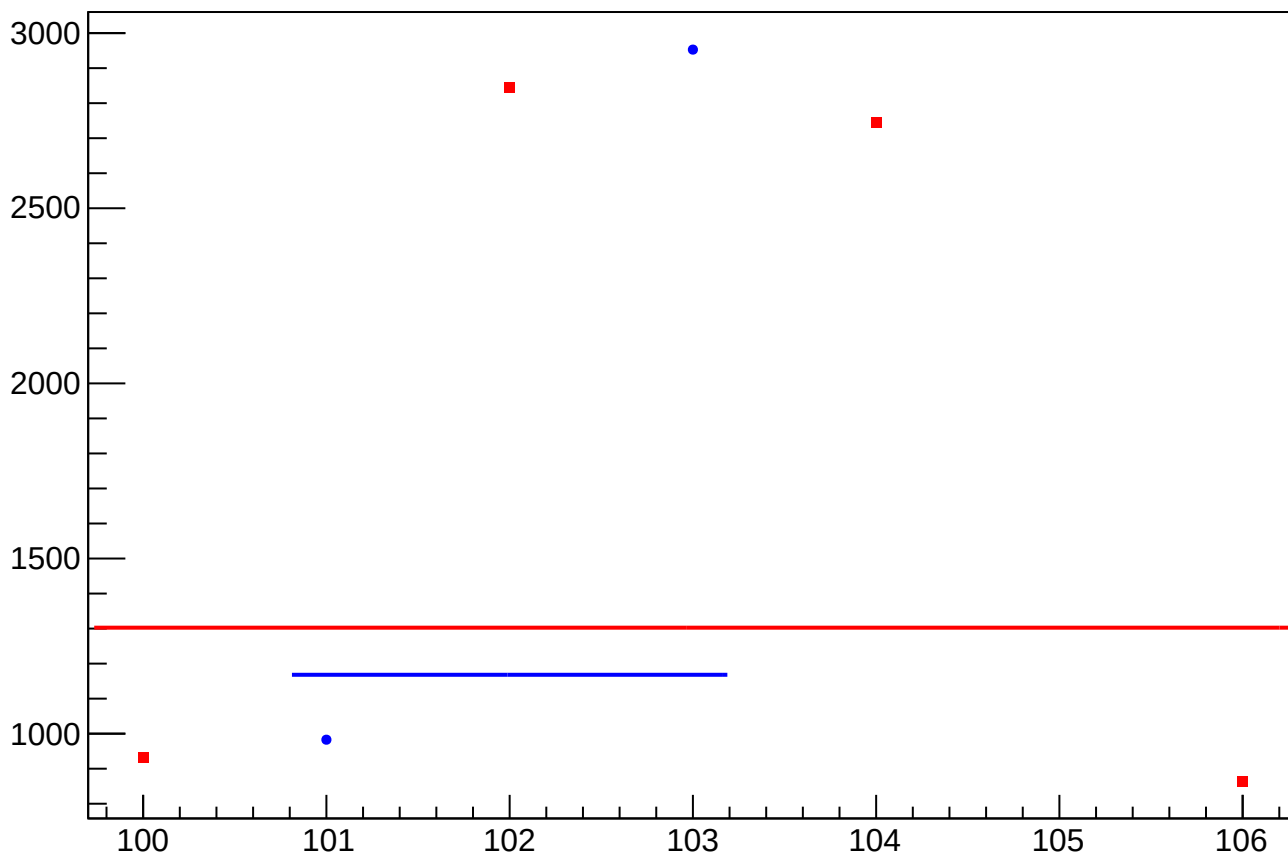
Right: 673.343 $\pm$ 845.133 χ^2 /NDF: 7.0/5

In: -928.980 $\pm$ 1167.216 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 673.343 $\pm$ 845.133 χ^2 /NDF: 7.0/5

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.107+/-0.825 χ^2/NDF : 485542.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.602+/-0.866 χ^2/NDF : 854005.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

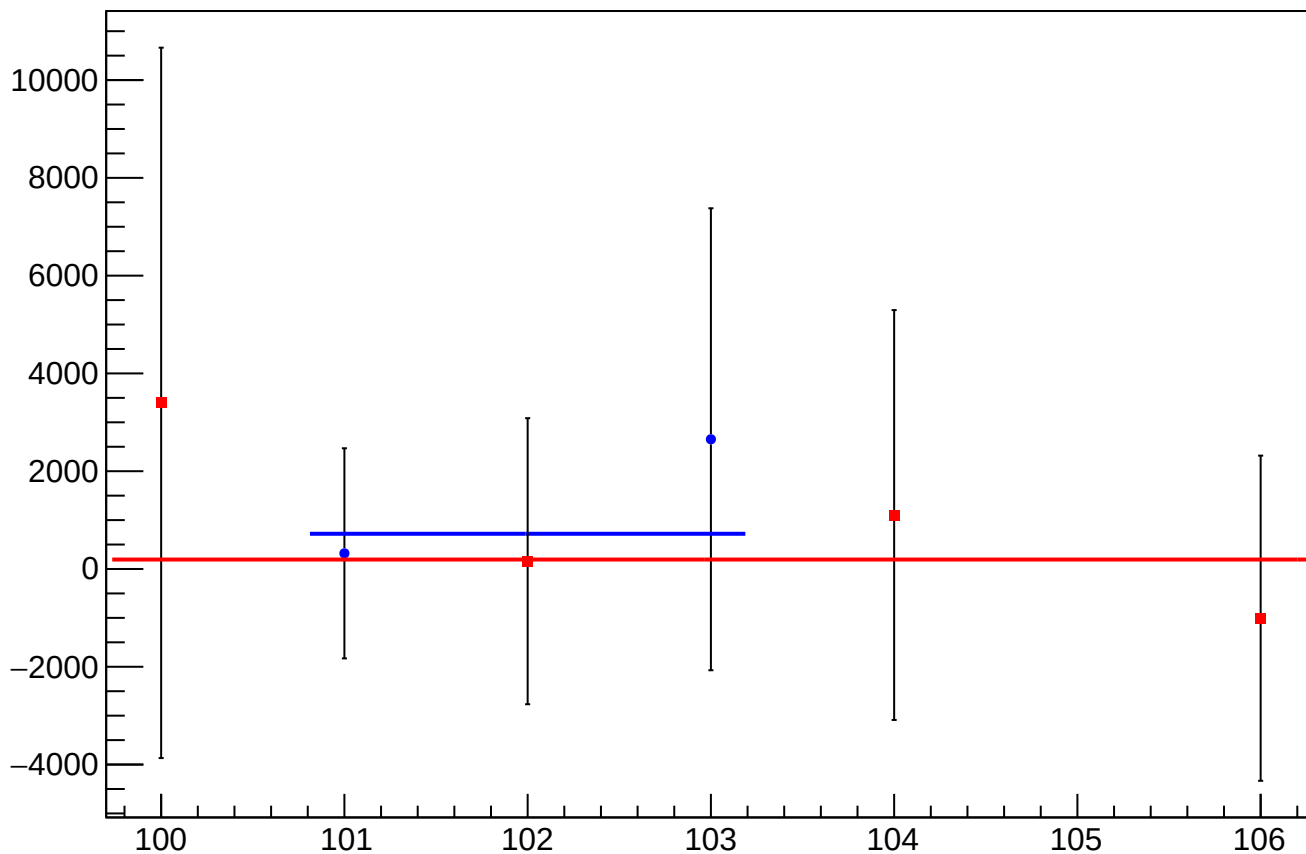
Right: 1232.092+/-0.598 χ^2/NDF : 1352181.0/5

In: 1168.107+/-0.825 χ^2/NDF : 485542.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1232.092+/-0.598 χ^2/NDF : 1352181.0/5

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 720.237+/-1956.048 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.244+/-1879.416 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

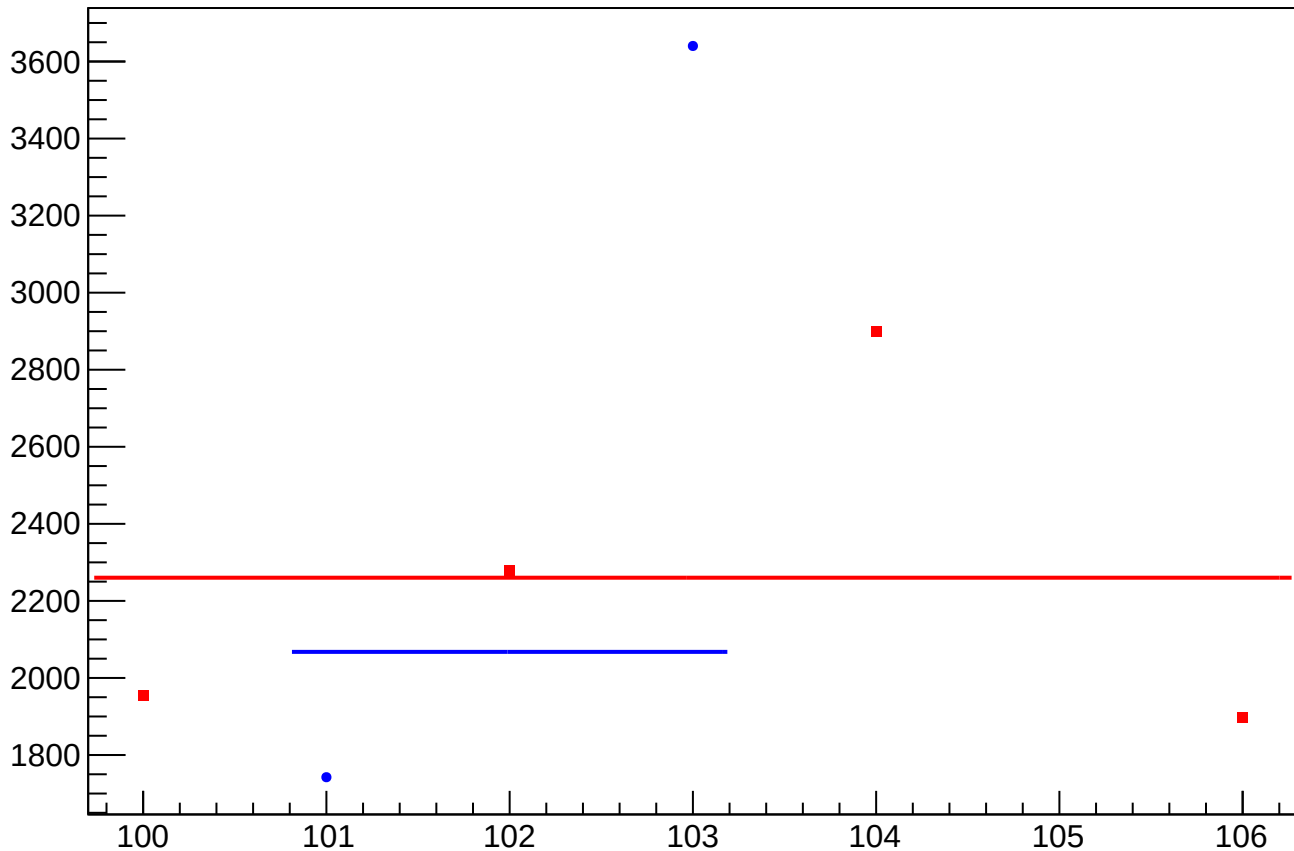
Right: 446.215+/-1355.230 χ^2/NDF : 0.6/5

In: 720.237+/-1956.048 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 446.215+/-1355.230 χ^2/NDF : 0.6/5

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 2067.686+/-1.383 χ^2/NDF : 267429.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2260.200+/-1.329 χ^2/NDF : 73856.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

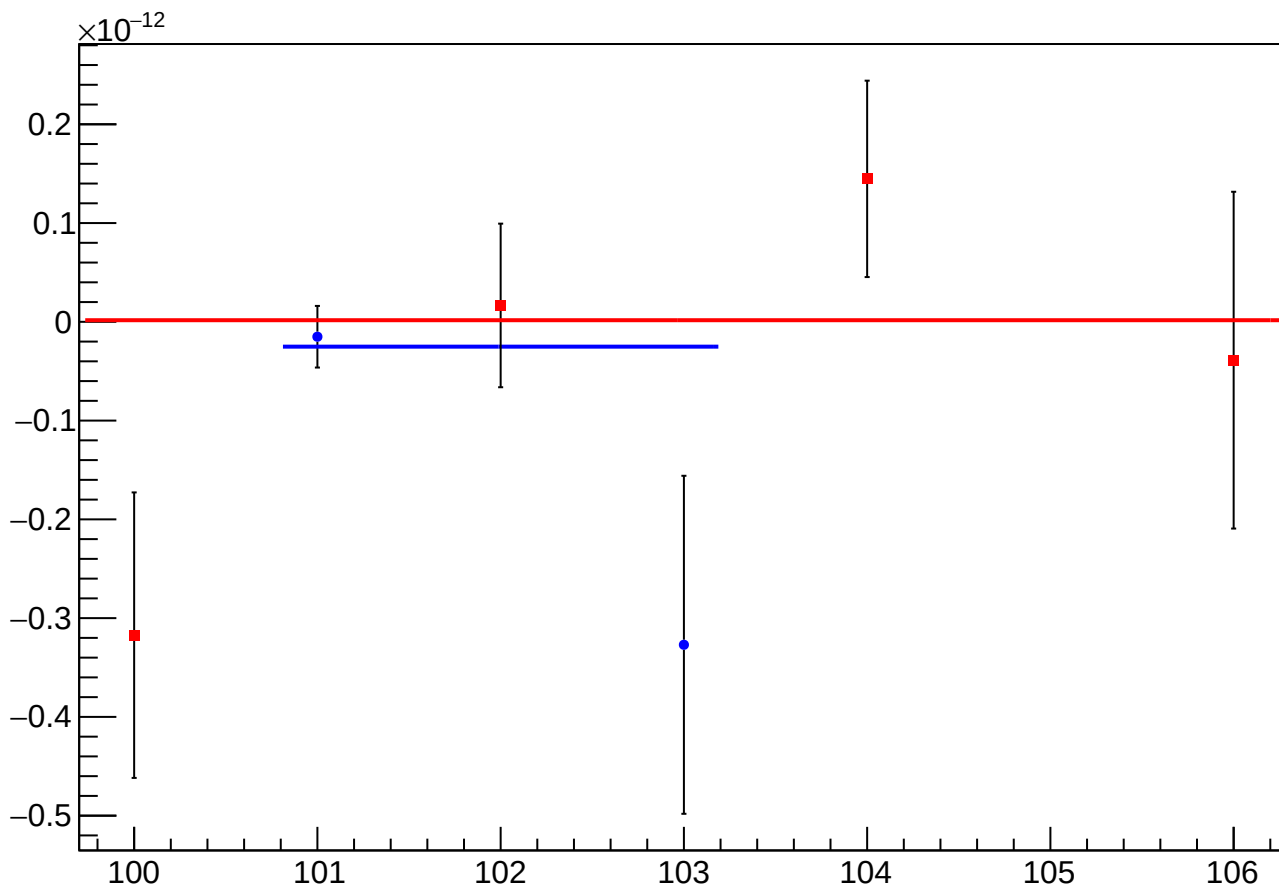
Right: 2167.788+/-0.958 χ^2/NDF : 351359.2/5

In: 2067.686+/-1.383 χ^2/NDF : 267429.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2167.788+/-0.958 χ^2/NDF : 351359.2/5

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

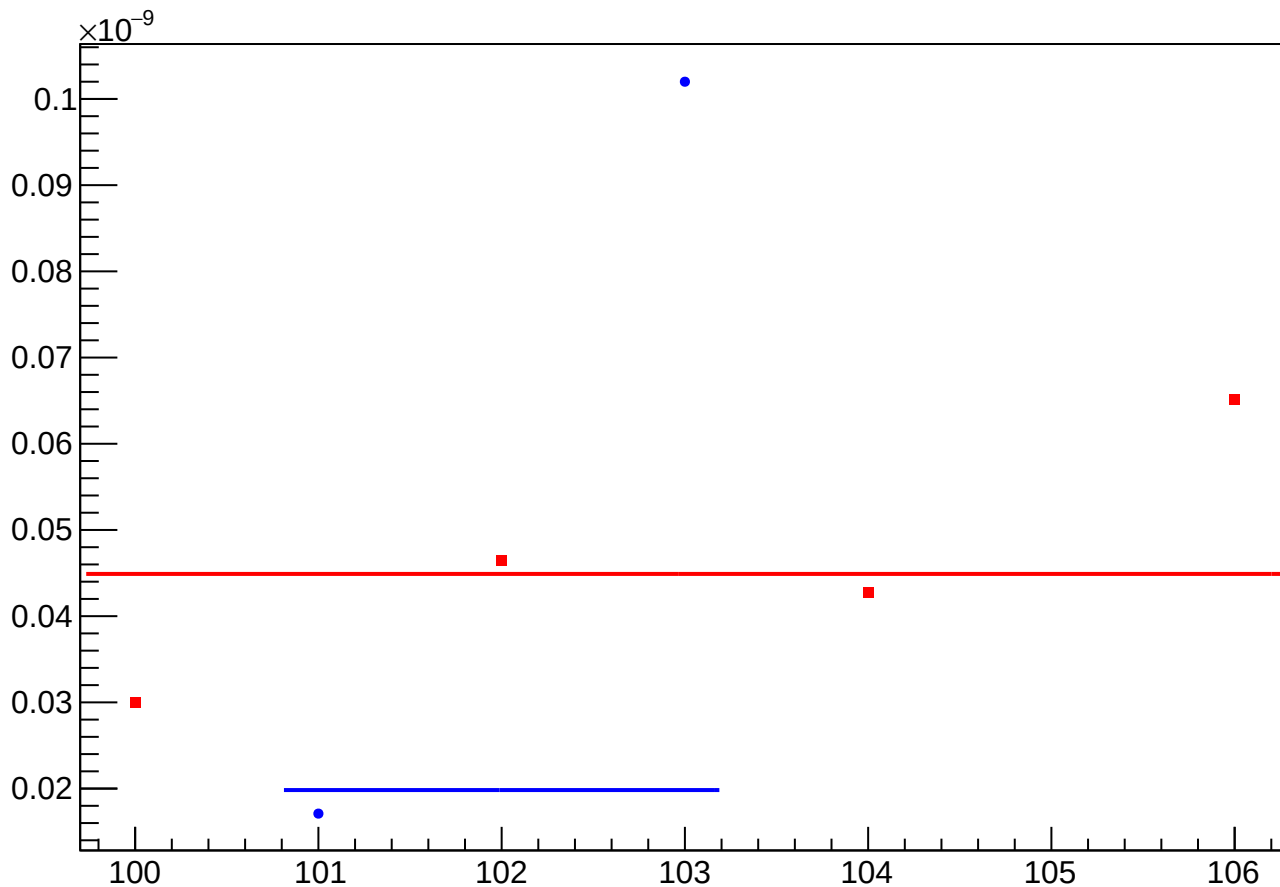
Right: -0.000+/-0.000 χ^2/NDF : 10.4/5

In: -0.000+/-0.000 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/5

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 476552.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 50980.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

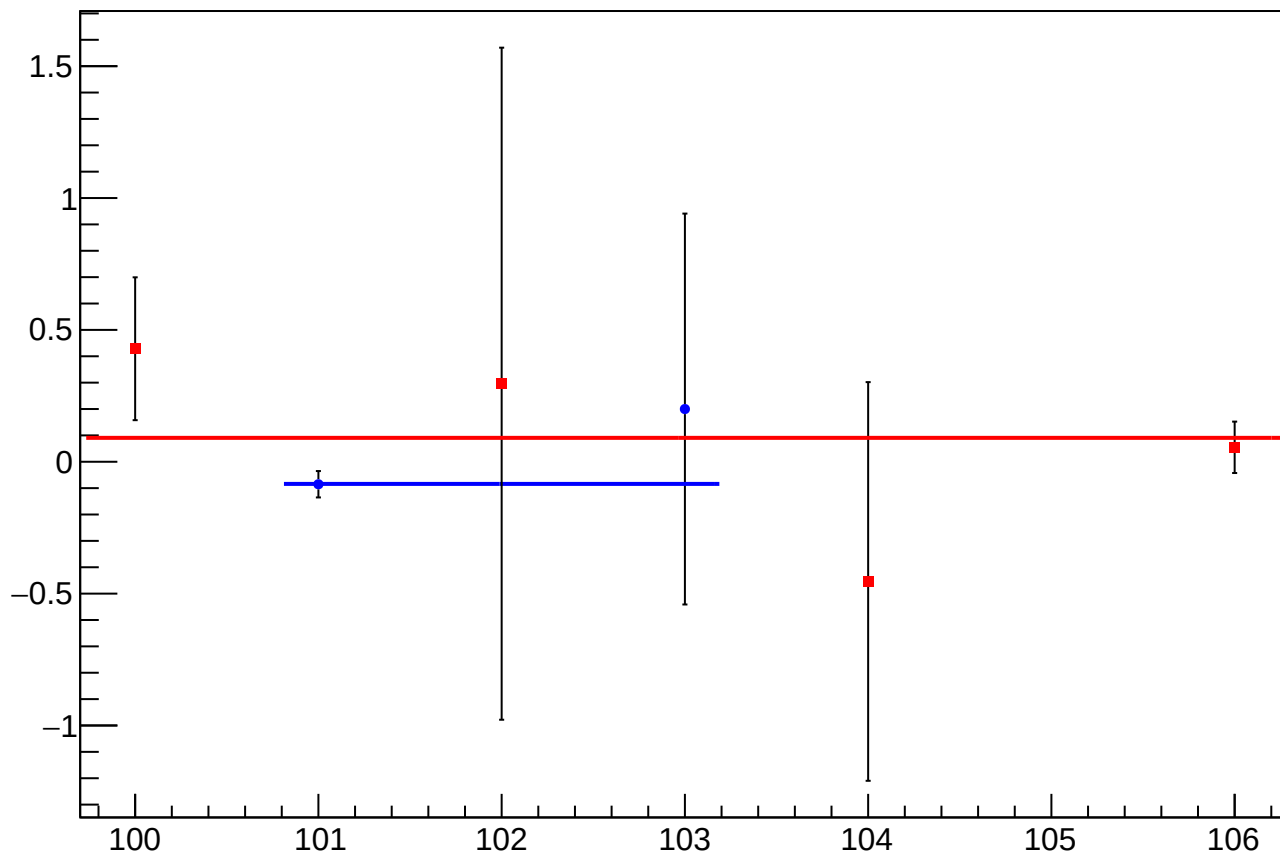
Right: 0.000+/-0.000 χ^2/NDF : 843467.4/5

In: 0.000+/-0.000 χ^2/NDF : 476552.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 843467.4/5

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.091 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

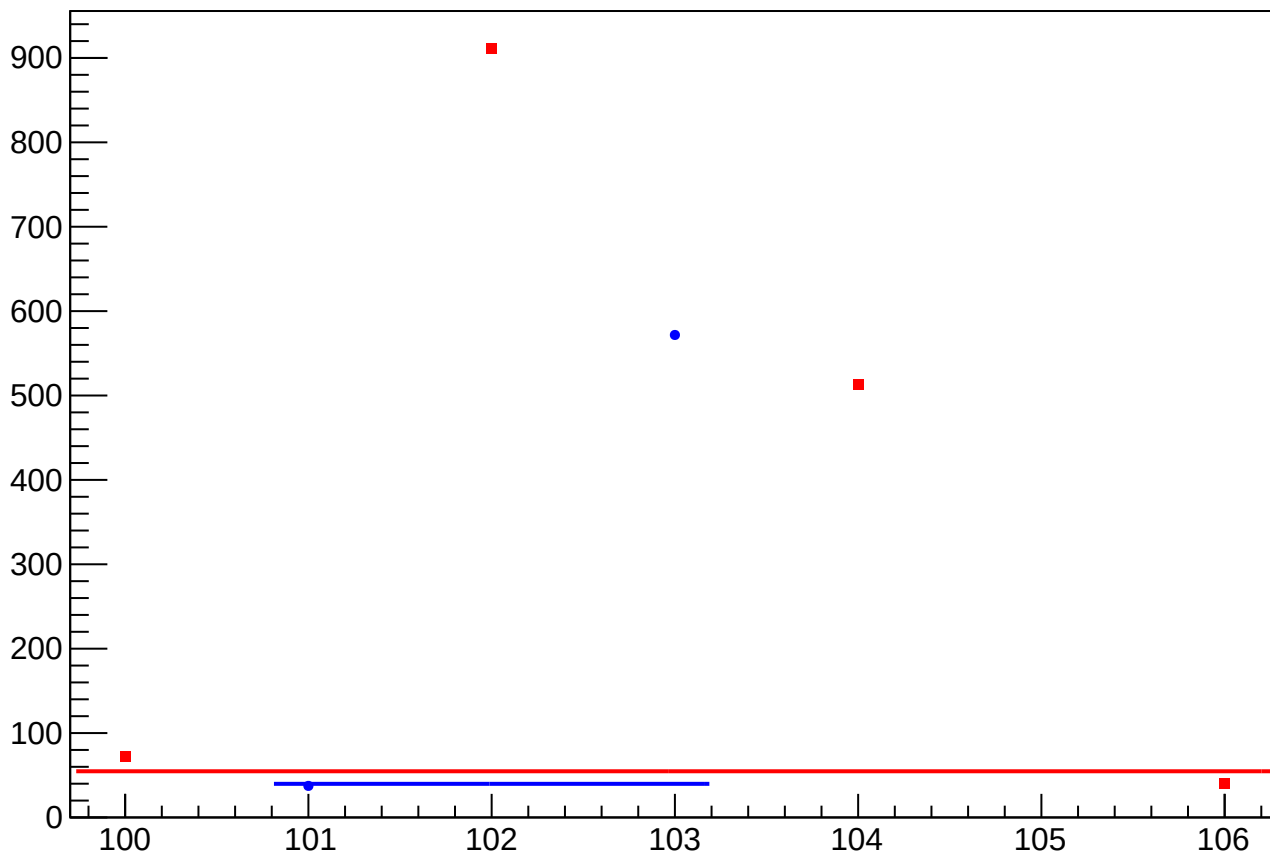
Right: -0.043+/-0.044 χ^2/NDF : 5.2/5

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.044 χ^2/NDF : 5.2/5

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.840 $\pm$ 0.035 χ^2 /NDF: 1035016.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.730 $\pm$ 0.064 χ^2 /NDF: 1694798.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

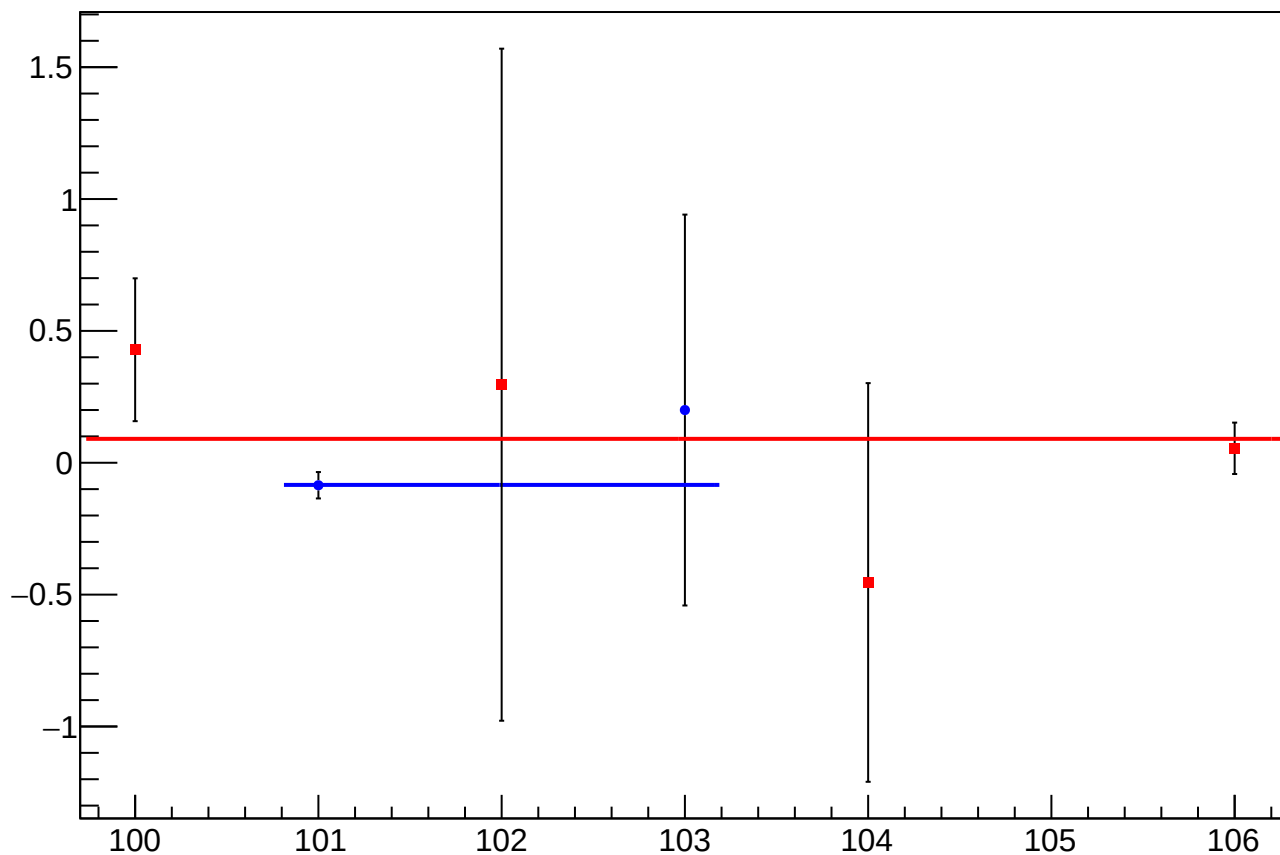
Right: 43.297 $\pm$ 0.031 χ^2 /NDF: 2771116.2/5

In: 39.840 $\pm$ 0.035 χ^2 /NDF:1035016.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.297 $\pm$ 0.031 χ^2 /NDF: 2771116.2/5

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.091 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

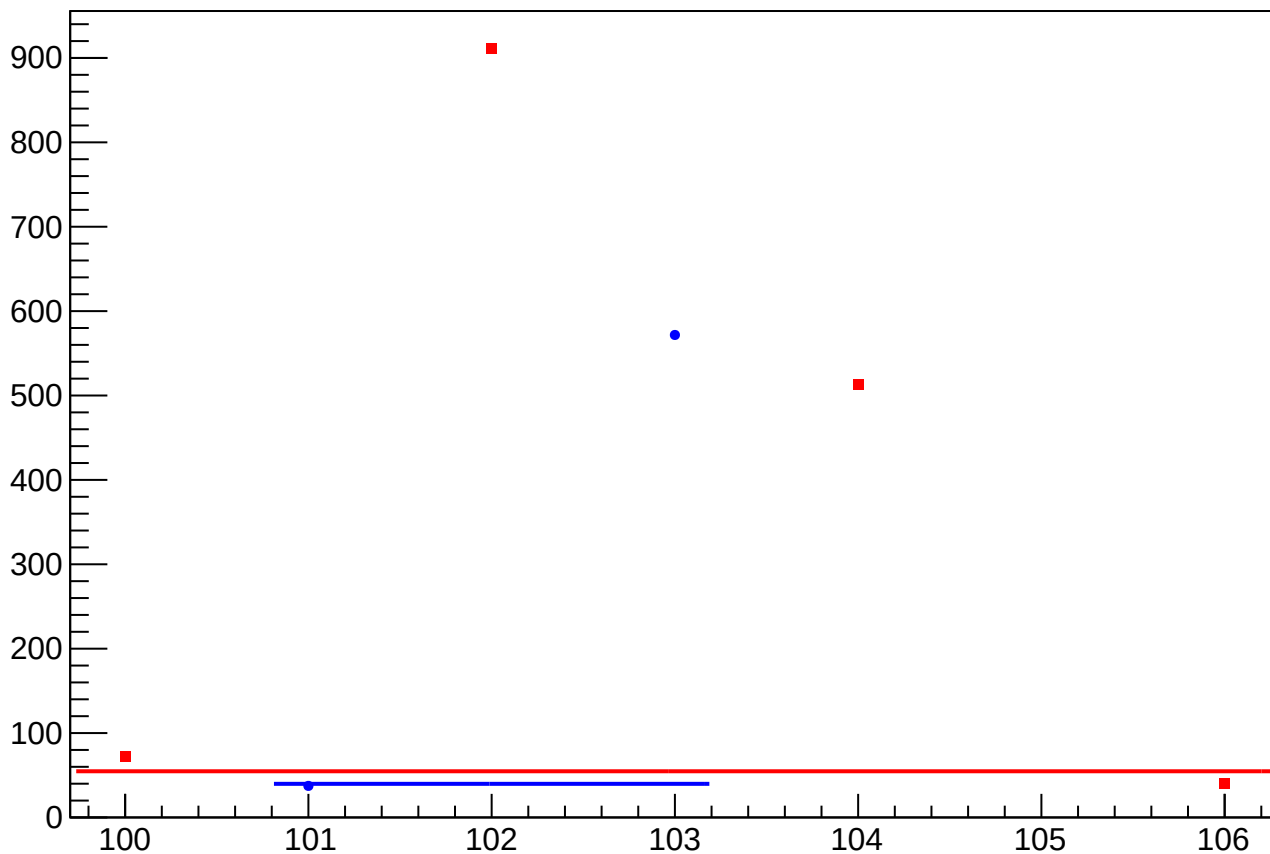
Right: -0.043+/-0.044 χ^2/NDF : 5.2/5

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.044 χ^2/NDF : 5.2/5

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.840+/-0.035 χ^2/NDF : 1035016.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.730+/-0.064 χ^2/NDF : 1694798.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

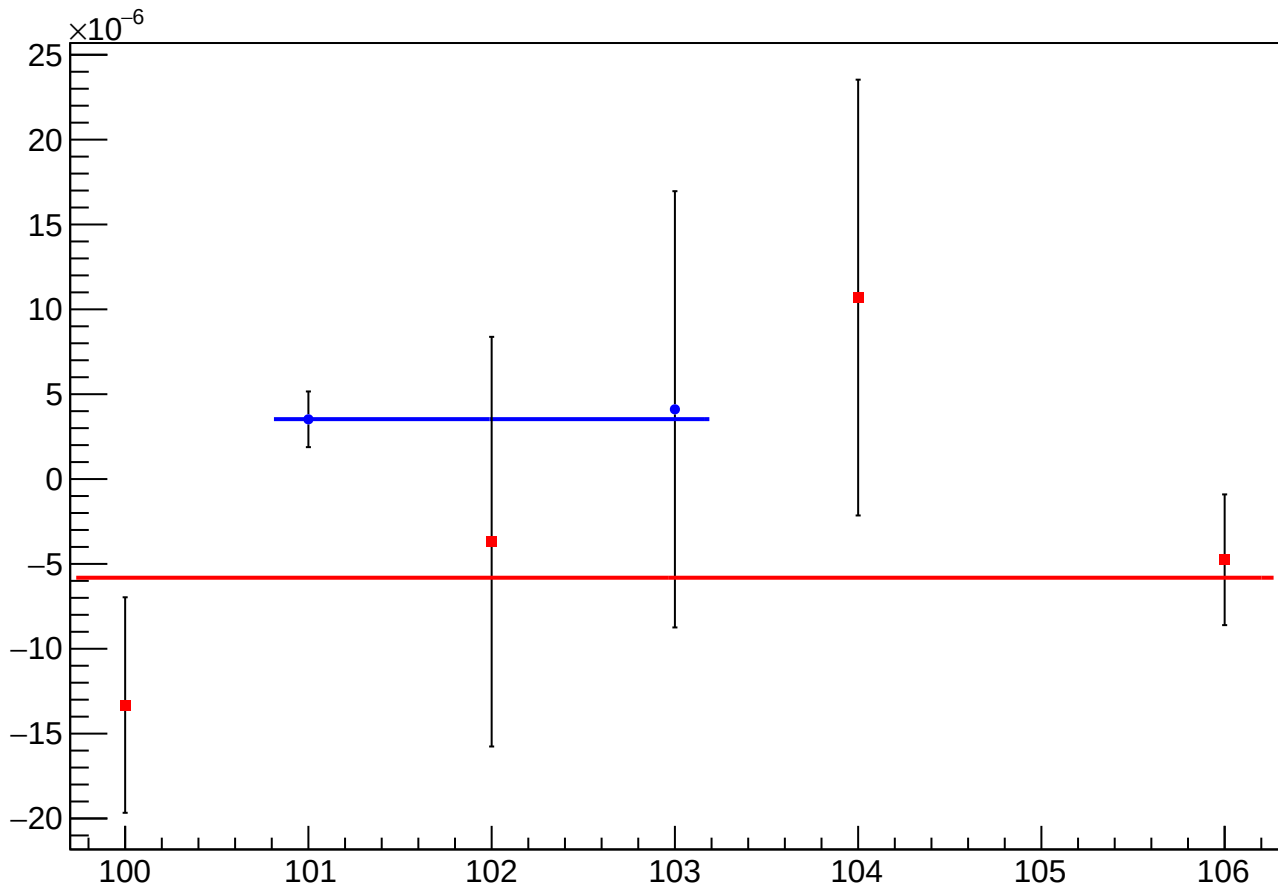
Right: 43.297+/-0.031 χ^2/NDF : 2771116.2/5

In: 39.840+/-0.035 χ^2/NDF : 1035016.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.297+/-0.031 χ^2/NDF : 2771116.2/5

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

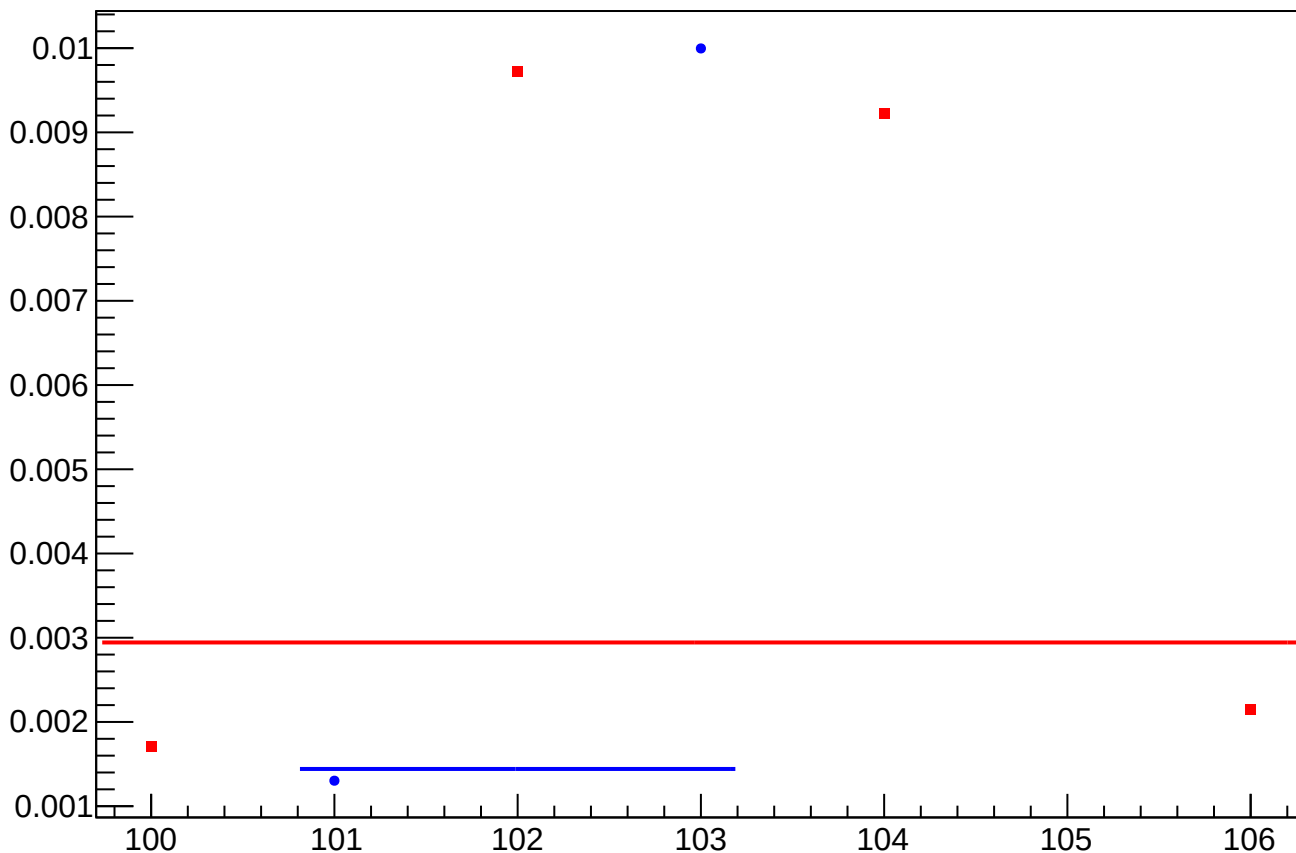
Right: 0.000+/-0.000 χ^2/NDF : 10.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/5

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 900345.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1270788.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

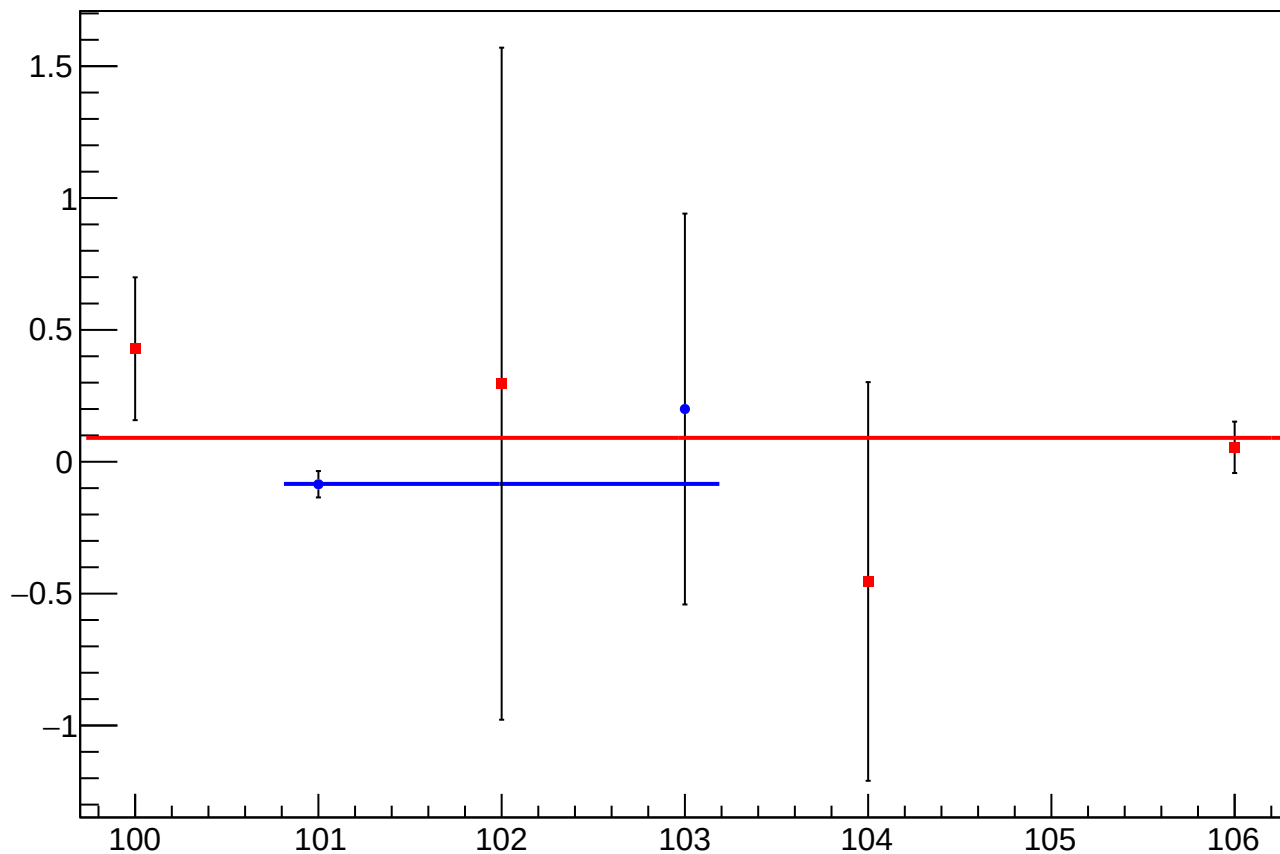
Right: 0.002+/-0.000 χ^2/NDF : 2542128.9/5

In: 0.001+/-0.000 χ^2/NDF :900345.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2542128.9/5

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.091 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

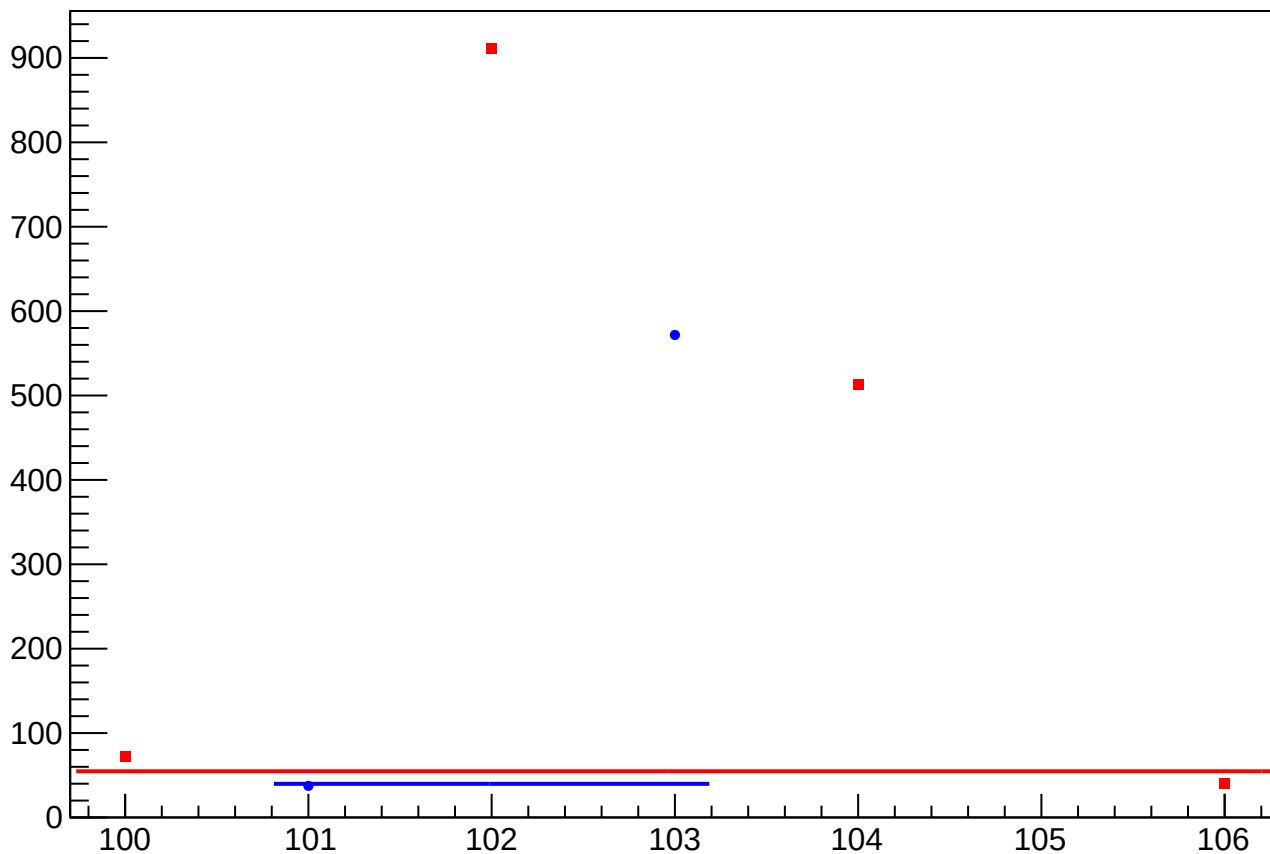
Right: -0.043+/-0.044 χ^2/NDF : 5.2/5

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.044 χ^2/NDF : 5.2/5

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.724+/-0.064 χ^2/NDF : 1694827.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

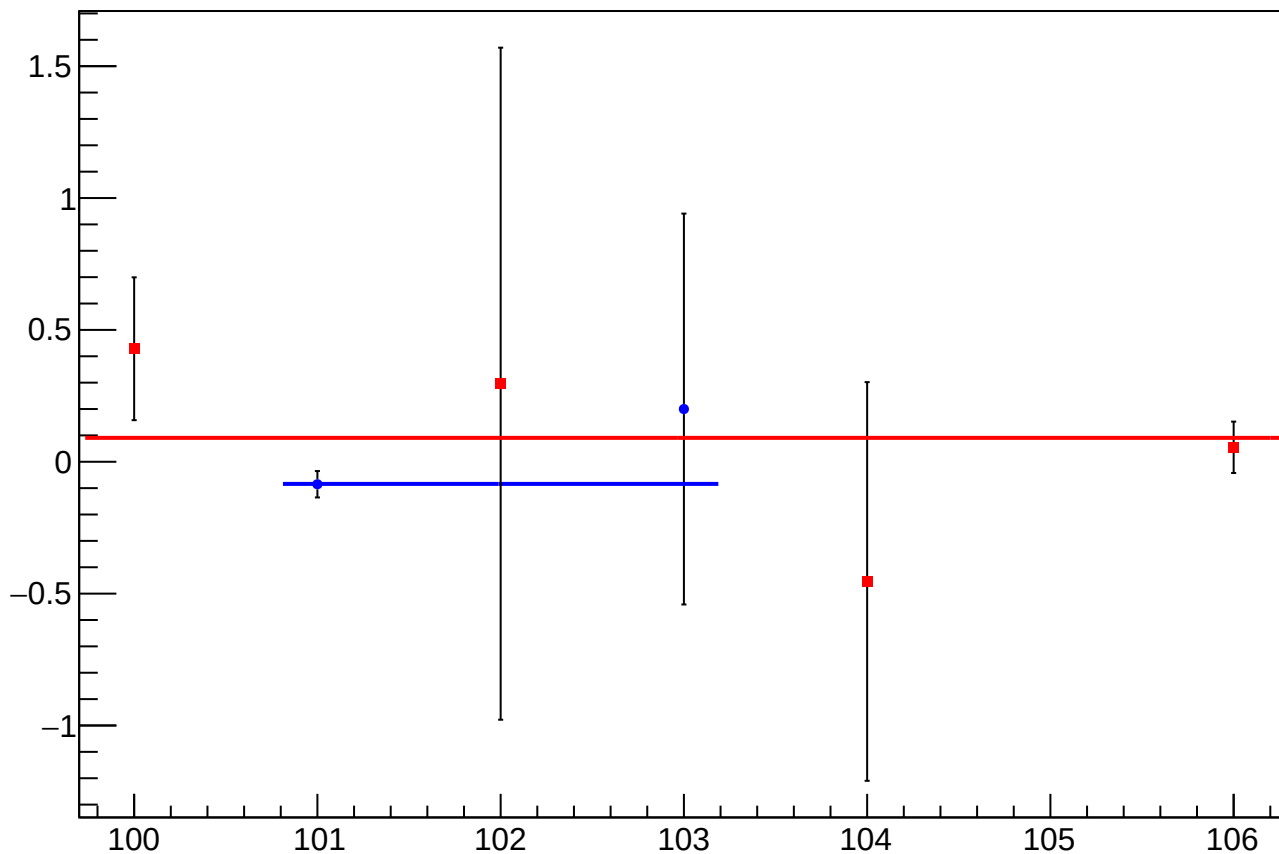
Right: 43.296+/-0.031 χ^2/NDF : 2771115.0/5

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.296+/-0.031 χ^2/NDF : 2771115.0/5

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.091 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

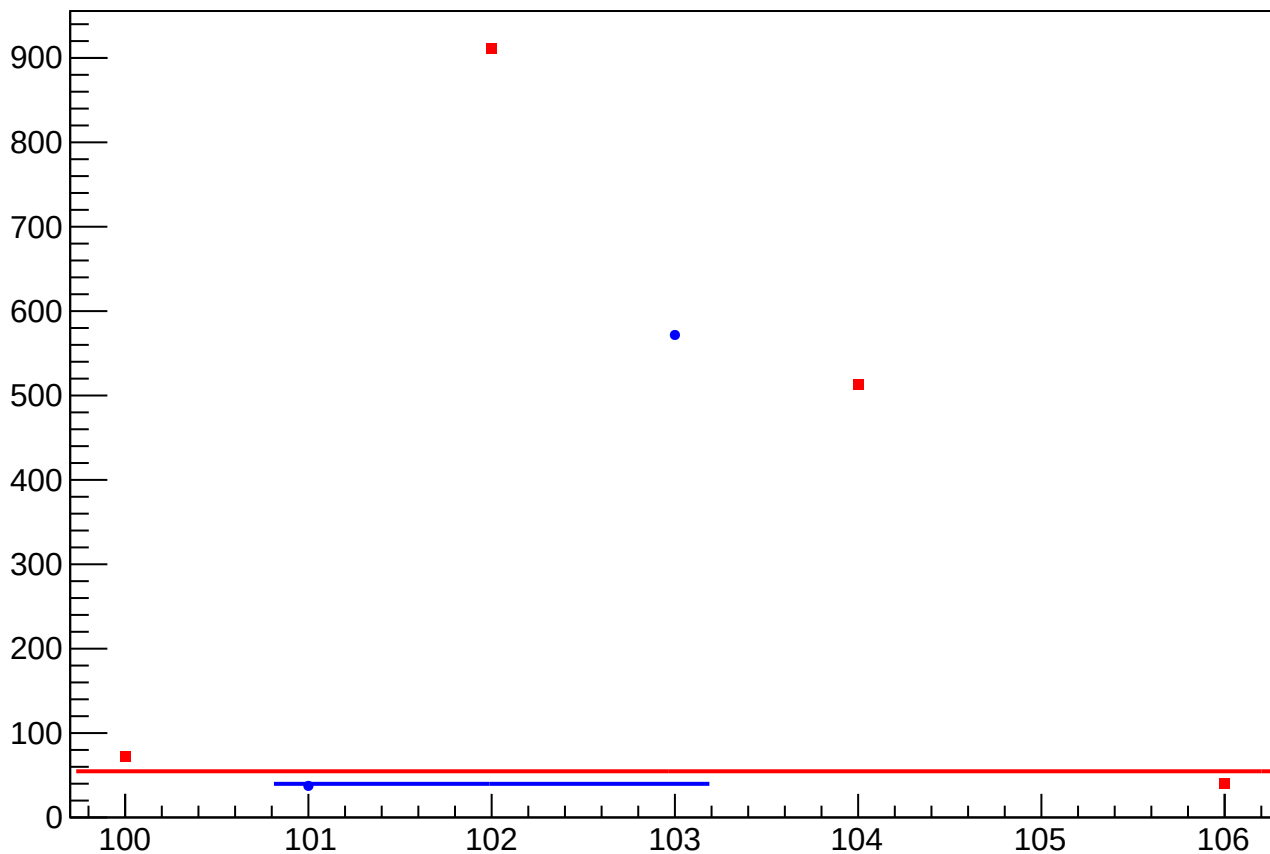
Right: -0.043+/-0.044 χ^2/NDF : 5.2/5

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.044 χ^2/NDF : 5.2/5

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.724+/-0.064 χ^2/NDF : 1694827.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

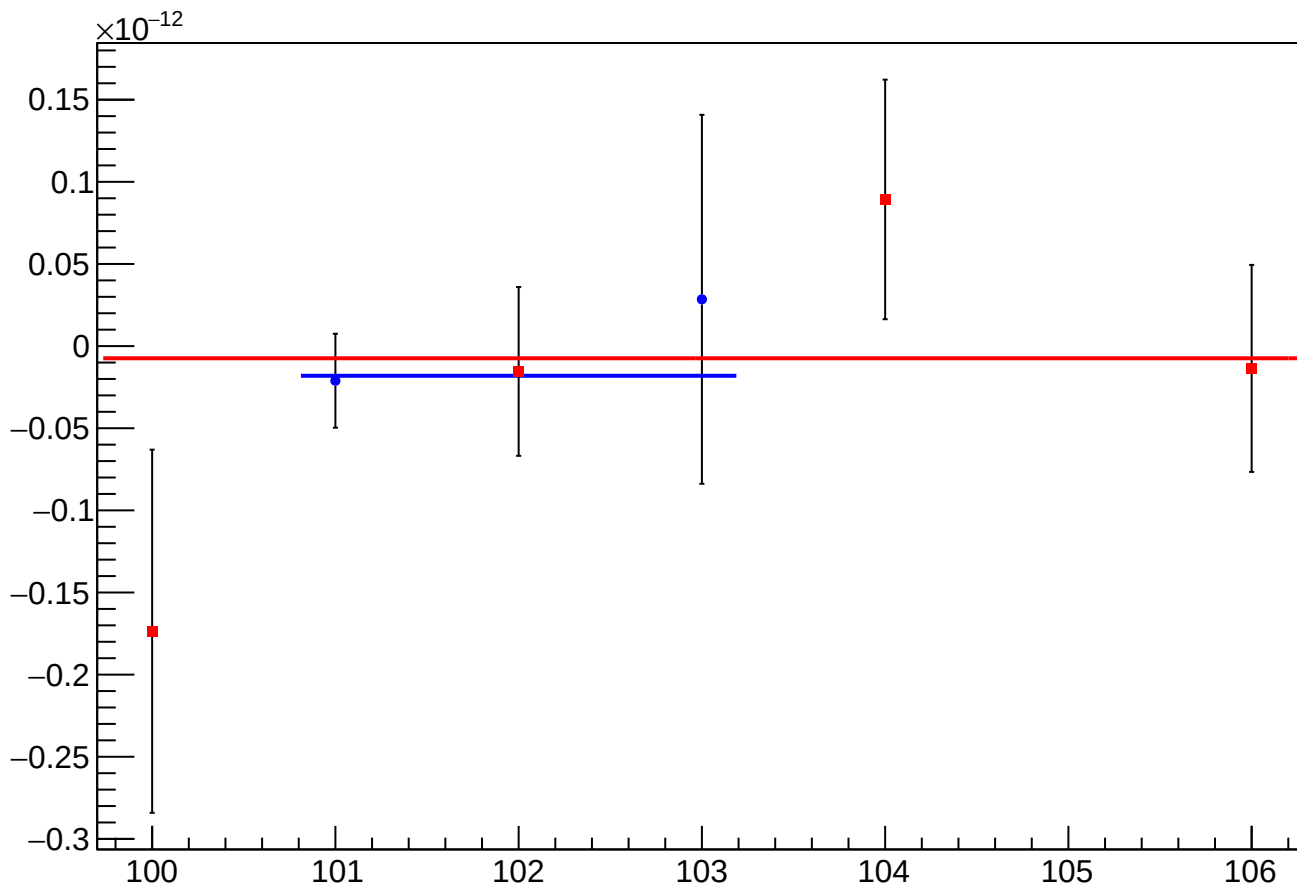
Right: 43.296+/-0.031 χ^2/NDF : 2771115.0/5

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.296+/-0.031 χ^2/NDF : 2771115.0/5

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

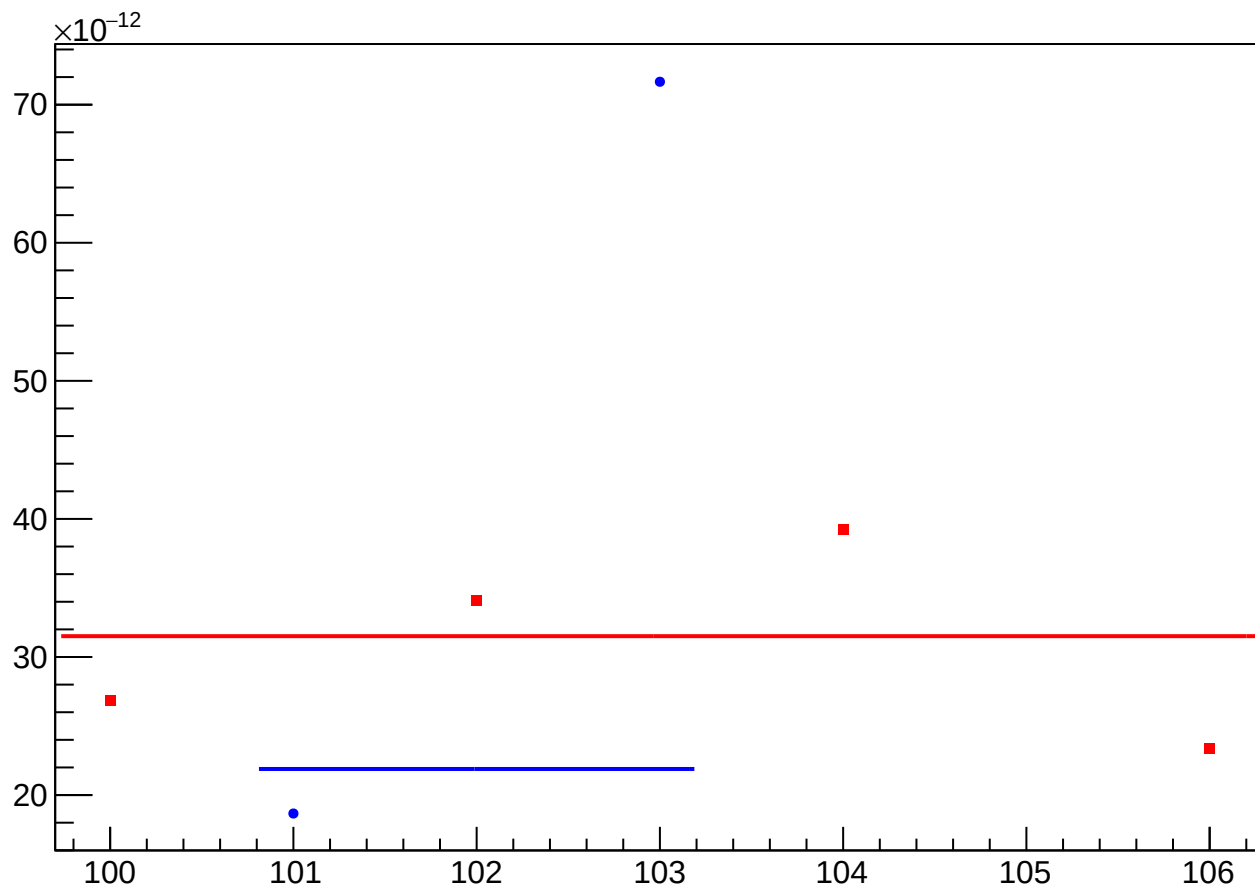
Right: -0.000+/-0.000 χ^2/NDF : 4.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/5

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 418256.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 64424.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

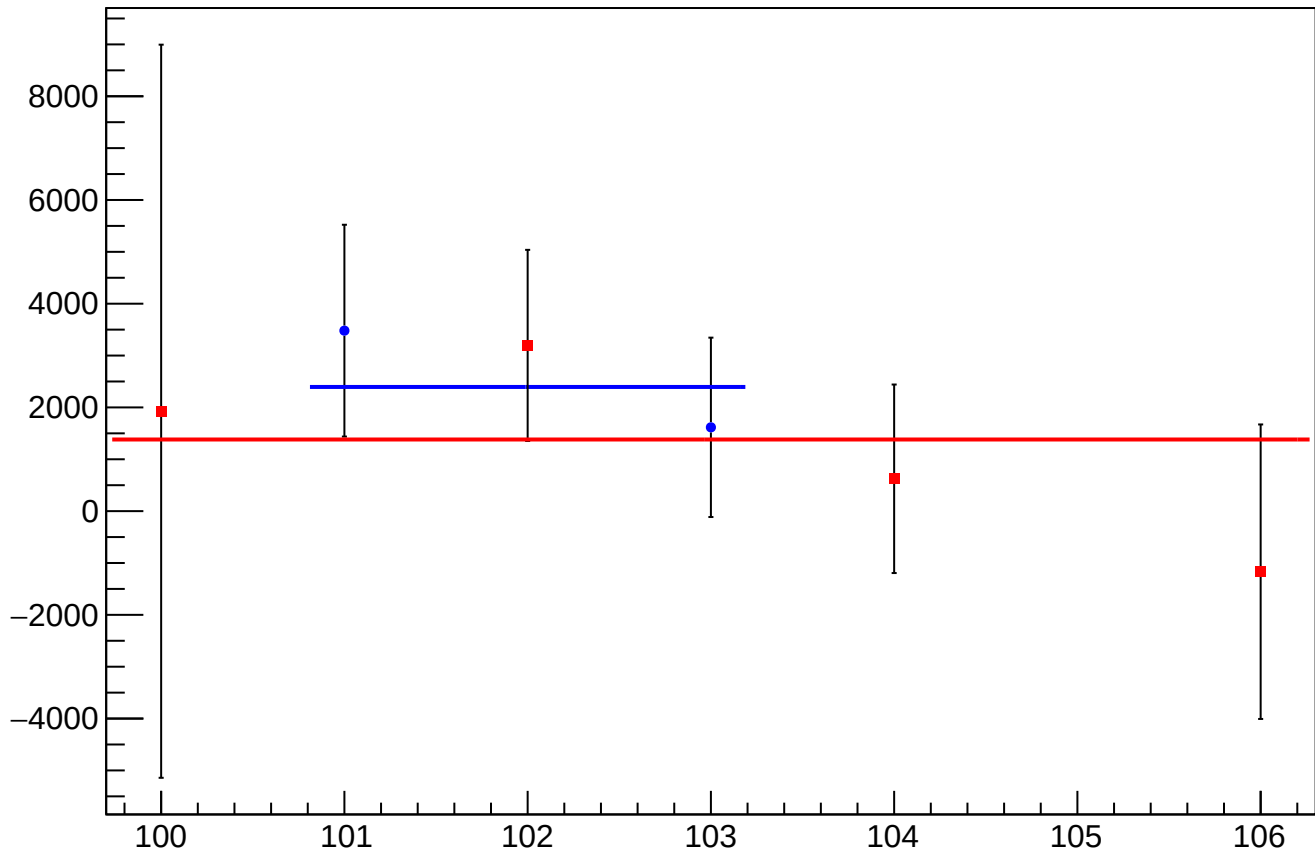
Right: 0.000+/-0.000 χ^2/NDF : 581192.6/5

In: 0.000+/-0.000 χ^2/NDF : 418256.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 581192.6/5

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2394.555+/-1319.744 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.305+/-1161.428 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

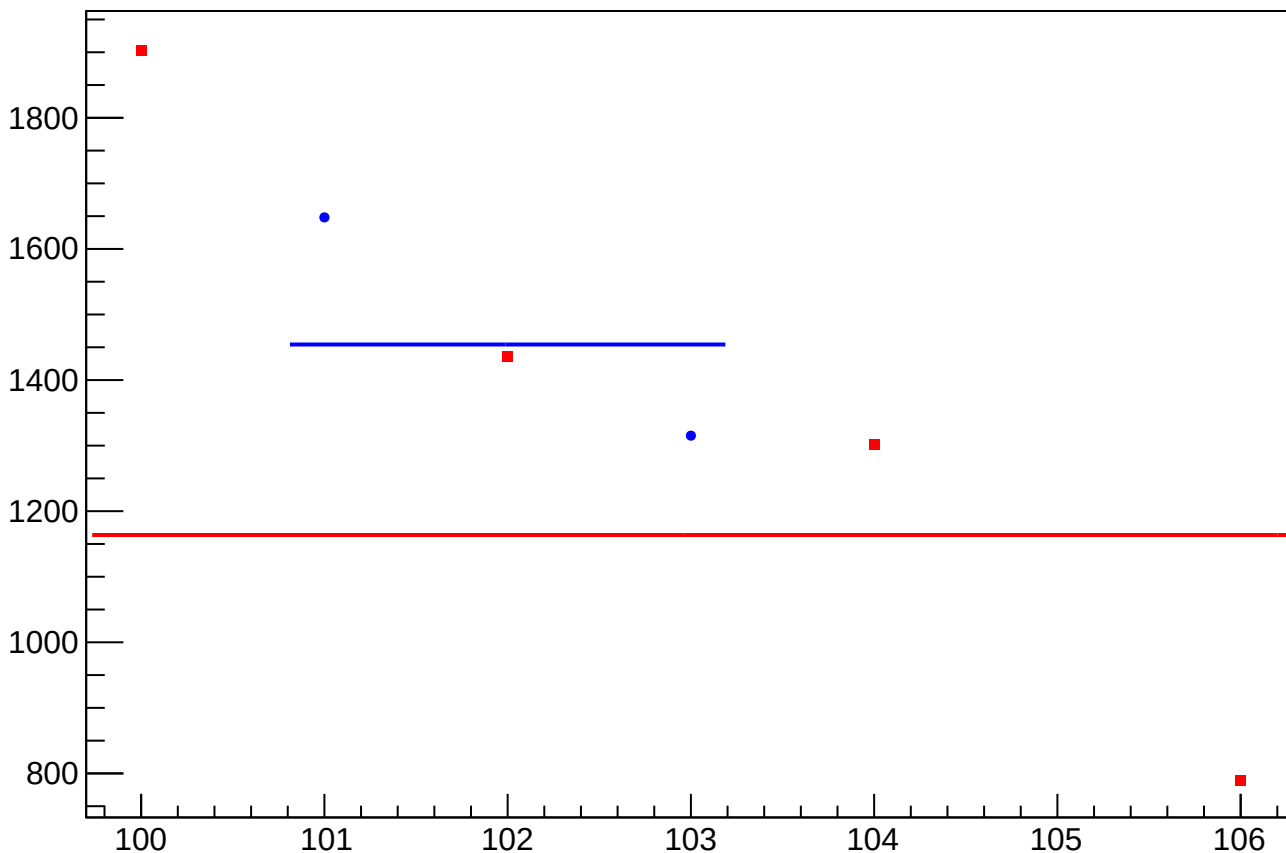
Right: 1823.540+/-871.882 χ^2/NDF : 2.8/5

In: 2394.555+/-1319.744 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.540+/-871.882 χ^2/NDF : 2.8/5

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.244+/-0.933 χ^2/NDF : 30959.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1163.659+/-0.713 χ^2/NDF : 179962.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

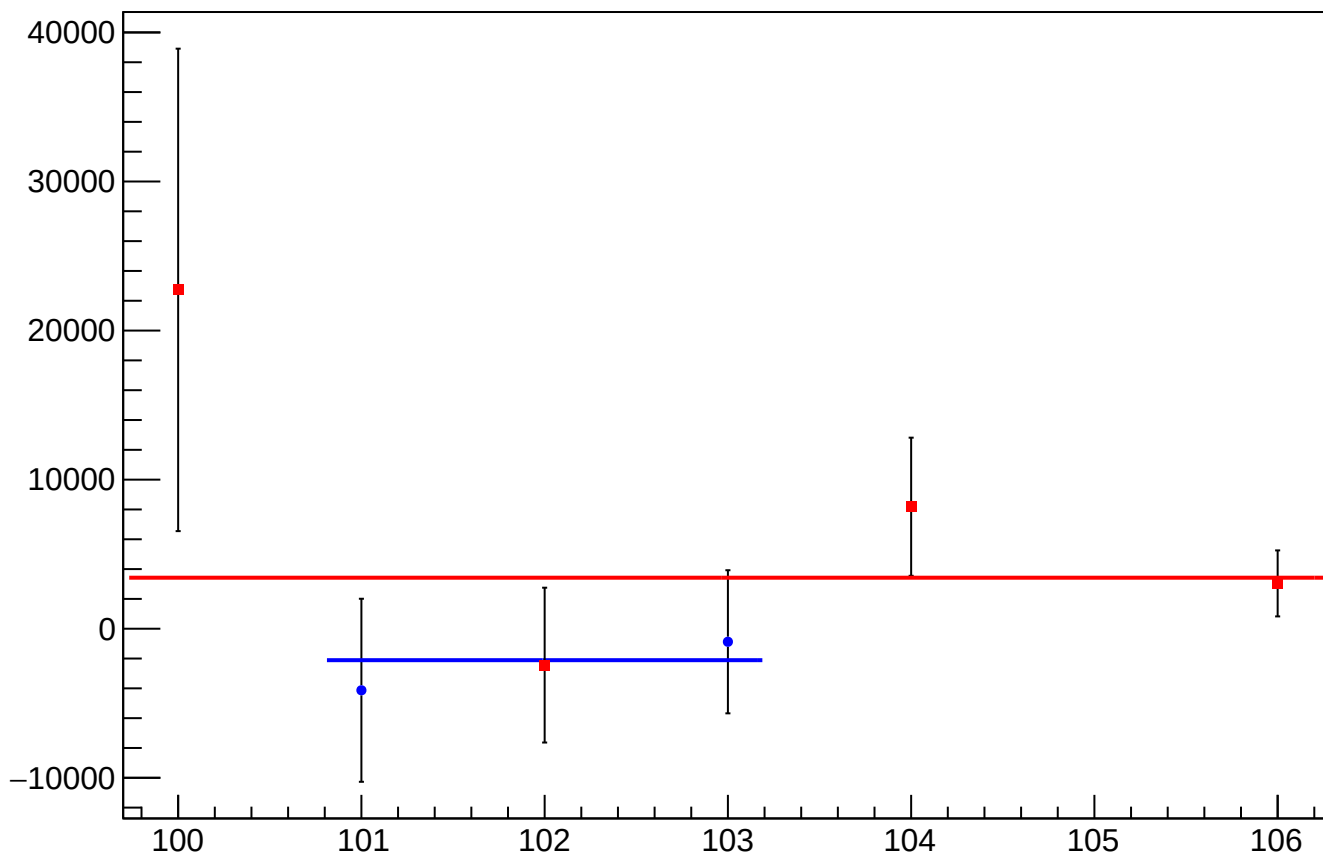
Right: 1270.703+/-0.566 χ^2/NDF : 272165.0/5

In: 1454.244+/-0.933 χ^2/NDF : 30959.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.703+/-0.566 χ^2/NDF : 272165.0/5

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2110.460+/-3781.712 χ^2 /NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3422.267+/-1852.280 χ^2 /NDF: 3.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

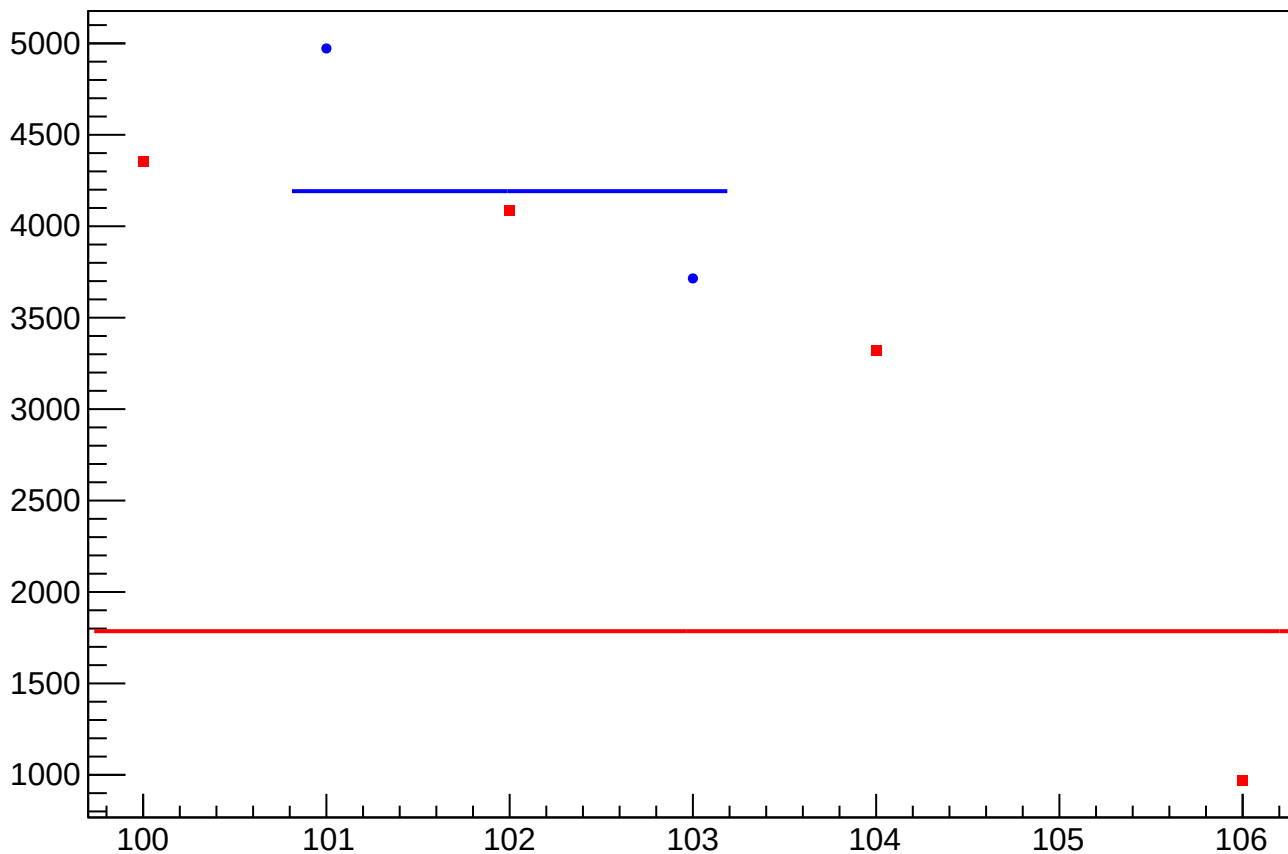
Right: 2351.765+/-1663.461 χ^2 /NDF: 5.7/5

In: -2110.460+/-3781.712 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2351.765+/-1663.461 χ^2 /NDF: 5.7/5

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4191.873+/-2.674 χ^2/NDF : 52062.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1785.744+/-1.310 χ^2/NDF : 934119.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

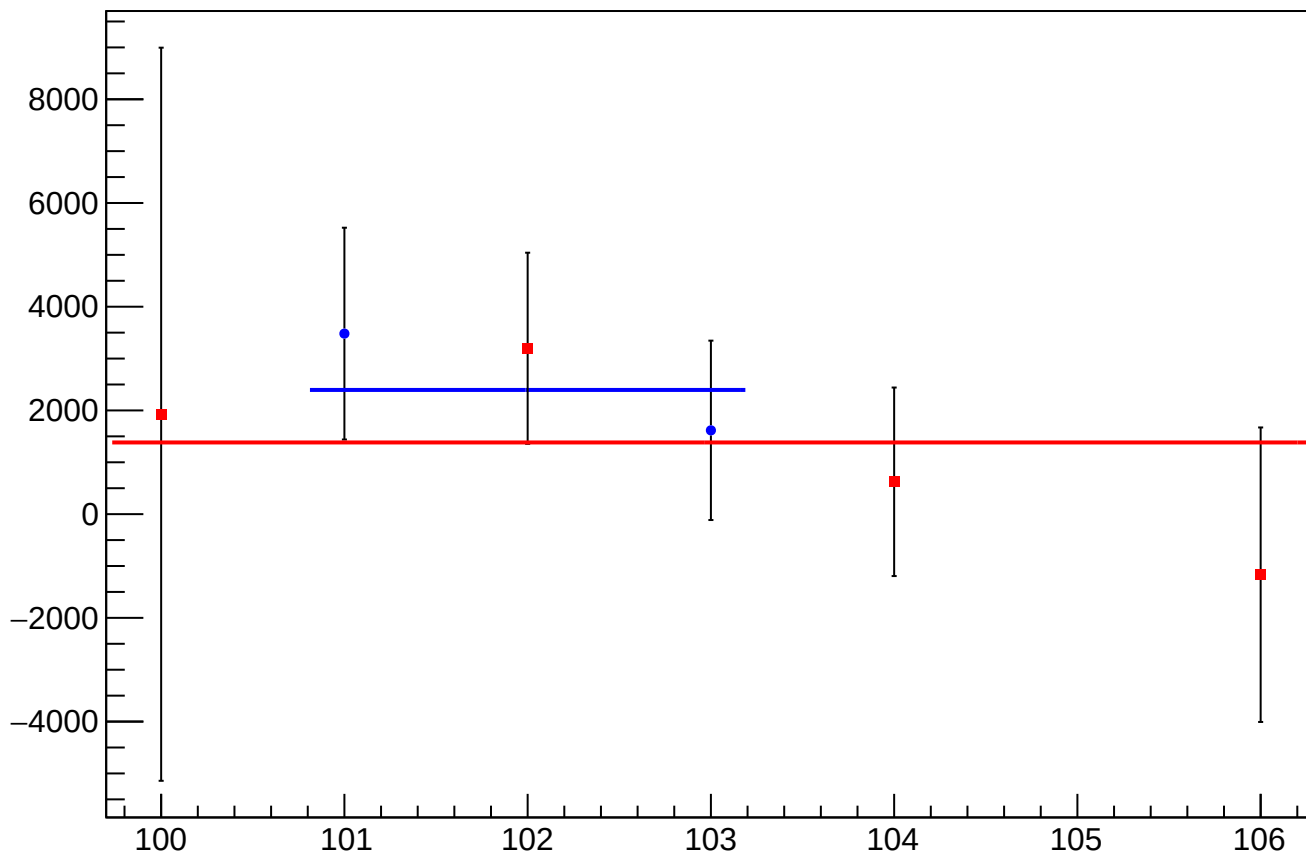
Right: 2251.295+/-1.176 χ^2/NDF : 1639167.2/5

In: 4191.873+/-2.674 χ^2/NDF : 52062.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.295+/-1.176 χ^2/NDF : 1639167.2/5

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.403+/-1161.464 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

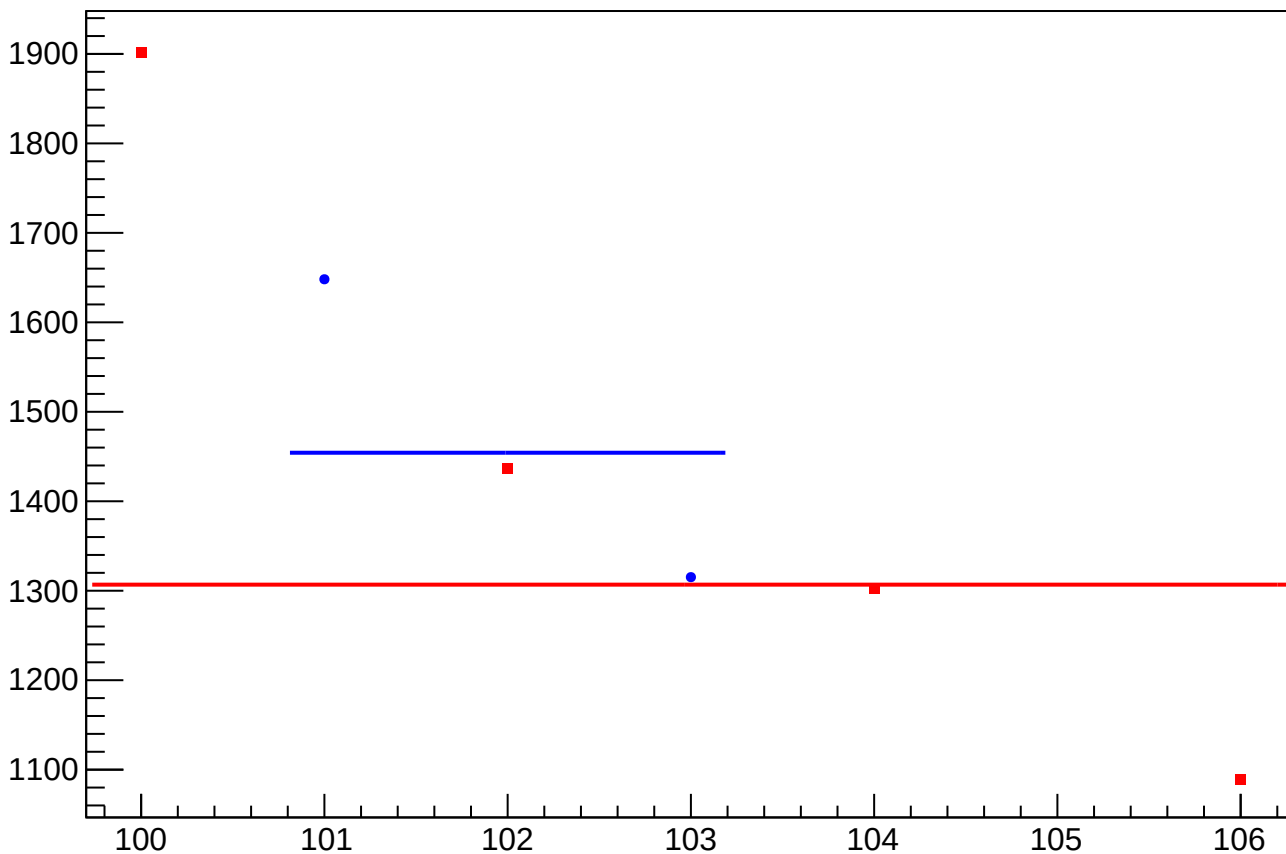
Right: 1824.378+/-871.898 χ^2/NDF : 2.8/5

In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1824.378+/-871.898 χ^2/NDF : 2.8/5

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.243+/-0.933 χ^2/NDF : 30959.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.800+/-0.771 χ^2/NDF : 45437.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

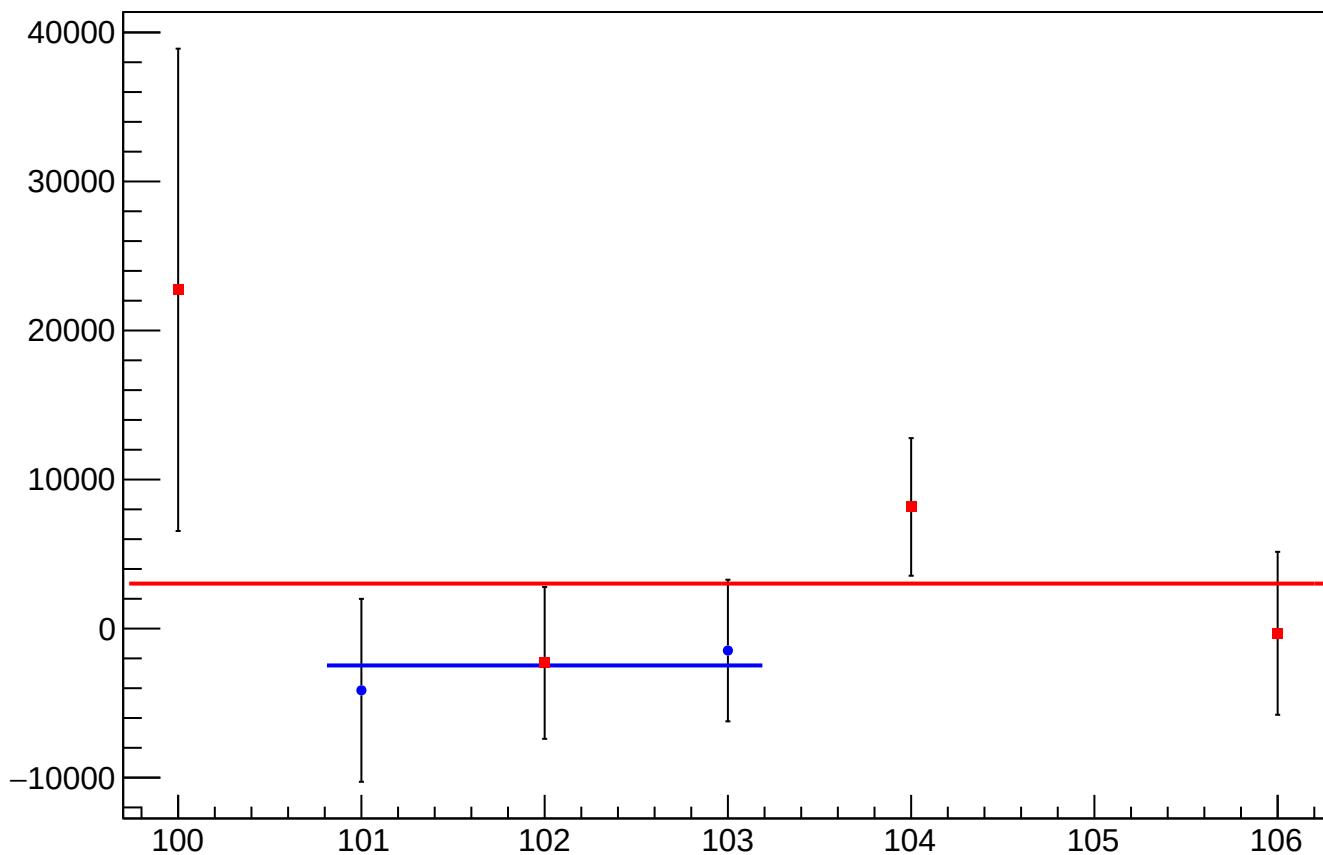
Right: 1366.588+/-0.594 χ^2/NDF : 91237.5/5

In: 1454.243+/-0.933 χ^2/NDF : 30959.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.588+/-0.594 χ^2/NDF : 91237.5/5

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3019.615+/-2855.021 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

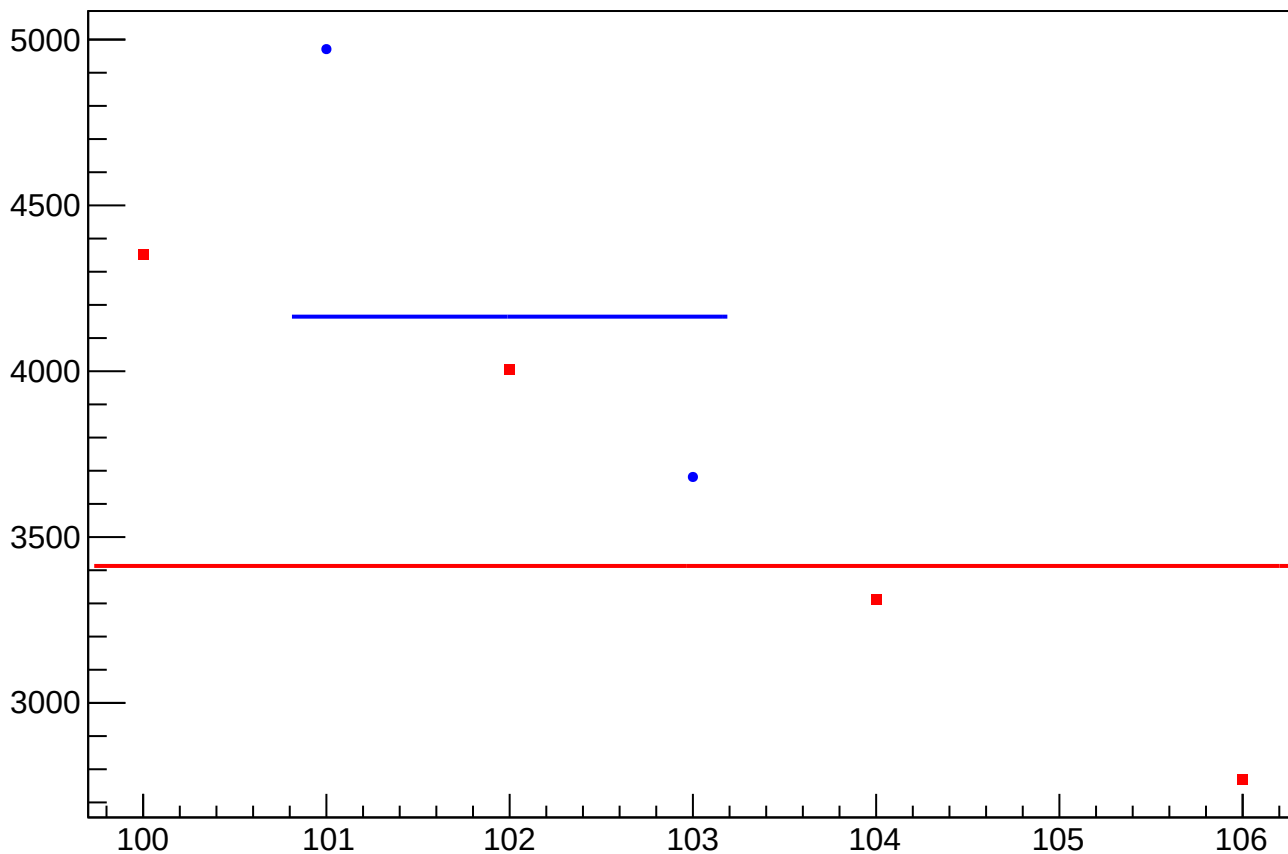
Right: 1009.287+/-2273.240 χ^2/NDF : 5.7/5

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.287+/-2273.240 χ^2/NDF : 5.7/5

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3412.959+/-2.019 χ^2/NDF : 62369.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

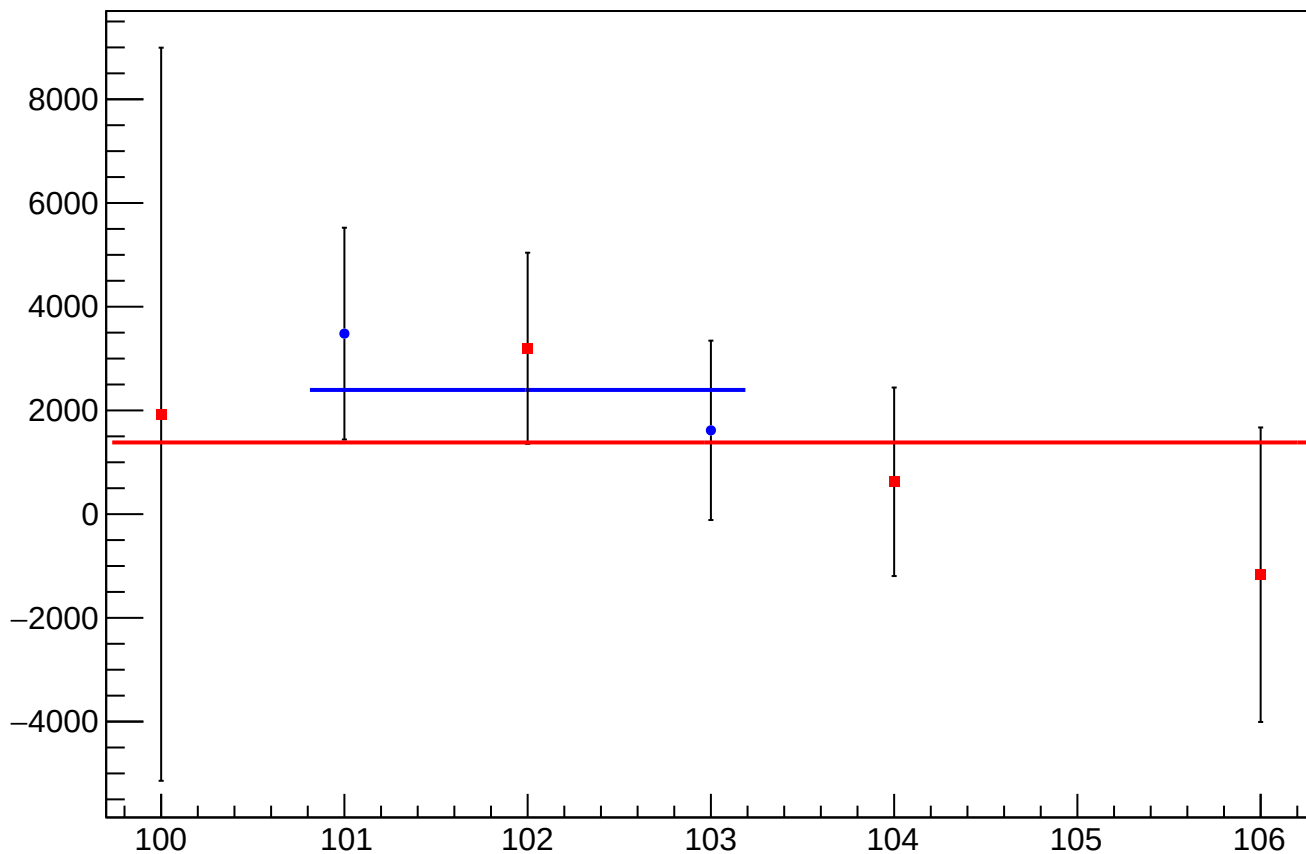
Right: 3688.077+/-1.607 χ^2/NDF : 168337.5/5

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3688.077+/-1.607 χ^2/NDF : 168337.5/5

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.403+/-1161.464 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

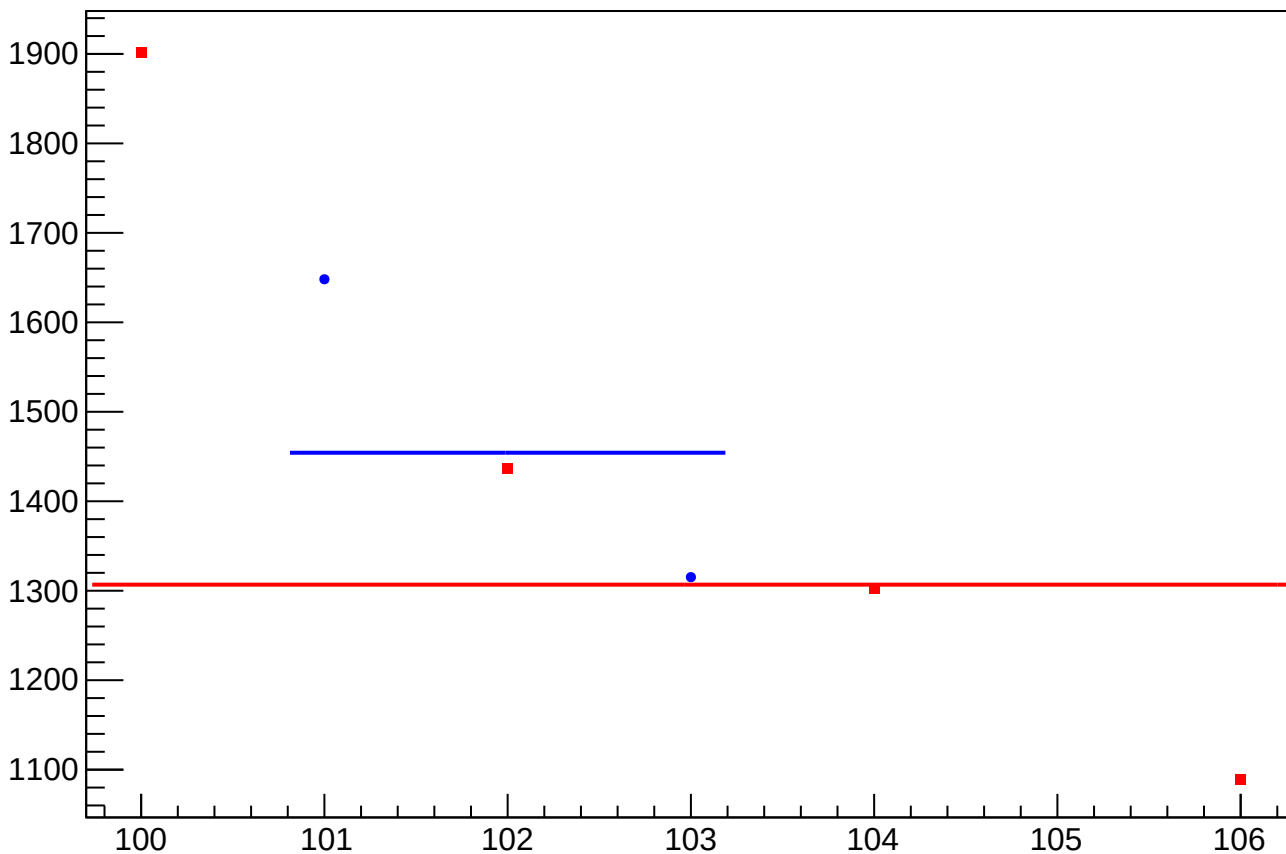
Right: 1824.378+/-871.898 χ^2/NDF : 2.8/5

In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1824.378+/-871.898 χ^2/NDF : 2.8/5

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.243+/-0.933 χ^2/NDF : 30959.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.800+/-0.771 χ^2/NDF : 45437.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

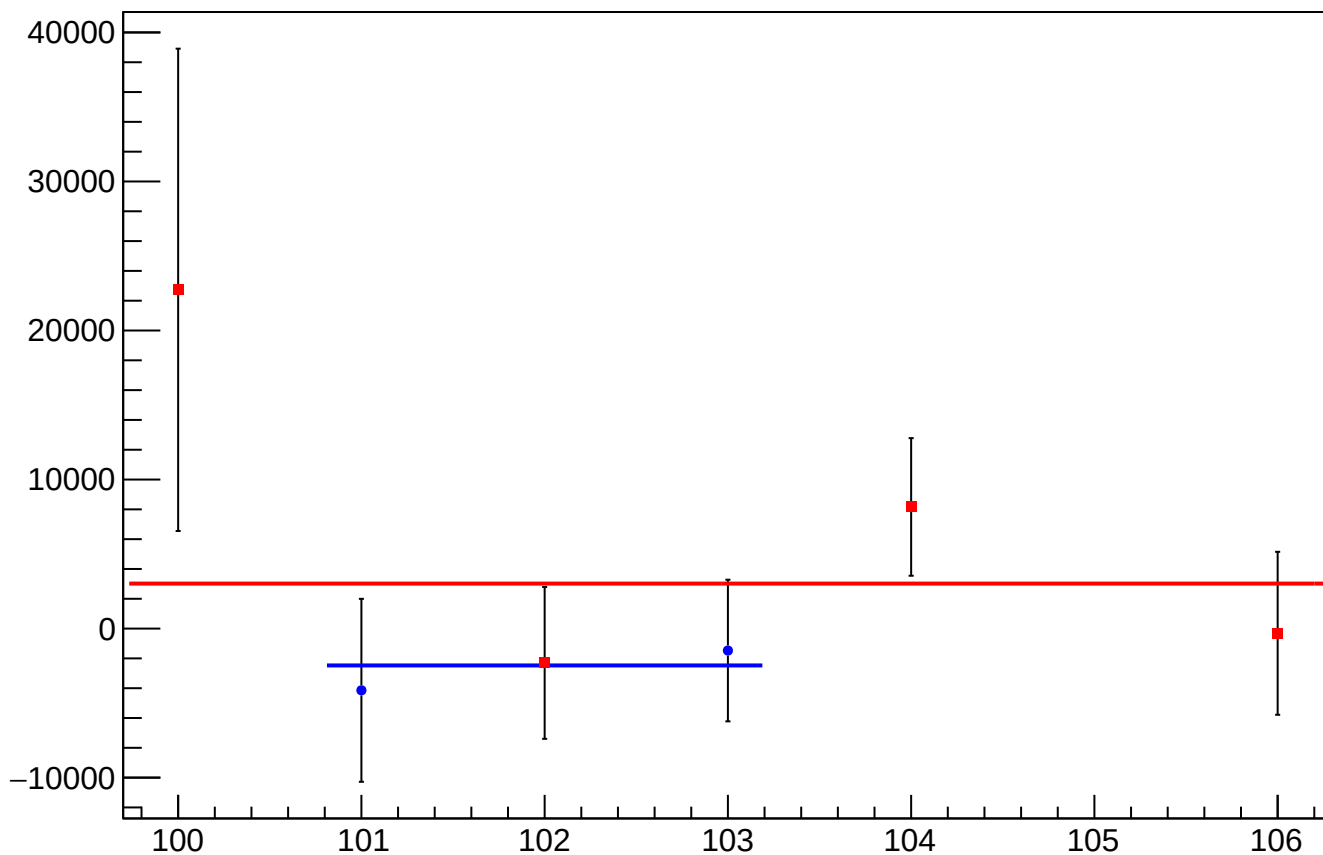
Right: 1366.588+/-0.594 χ^2/NDF : 91237.5/5

In: 1454.243+/-0.933 χ^2/NDF : 30959.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.588+/-0.594 χ^2/NDF : 91237.5/5

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3019.615+/-2855.021 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

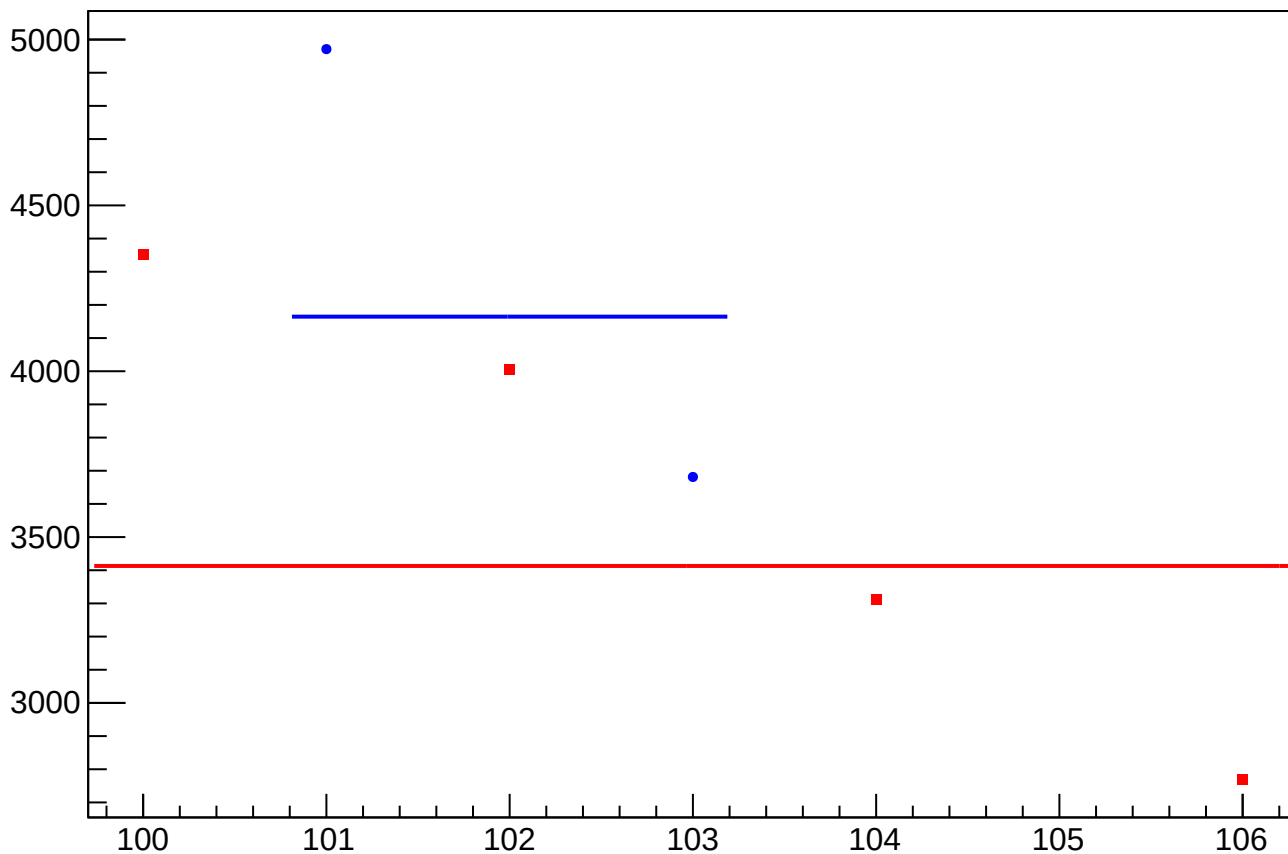
Right: 1009.287+/-2273.240 χ^2/NDF : 5.7/5

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.287+/-2273.240 χ^2/NDF : 5.7/5

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3412.959+/-2.019 χ^2/NDF : 62369.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

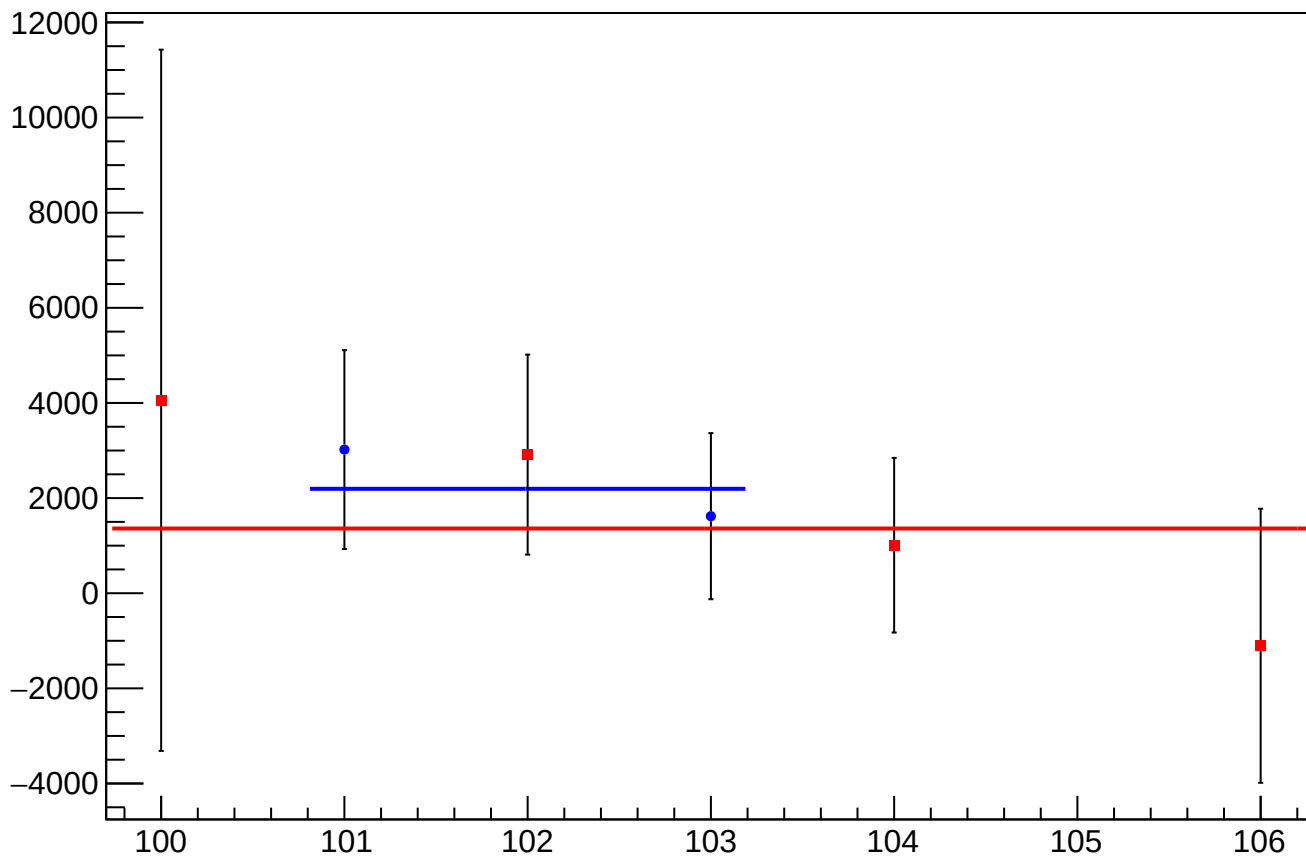
Right: 3688.077+/-1.607 χ^2/NDF : 168337.5/5

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3688.077+/-1.607 χ^2/NDF : 168337.5/5

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2195.092+/-1340.004 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.337+/-1229.166 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

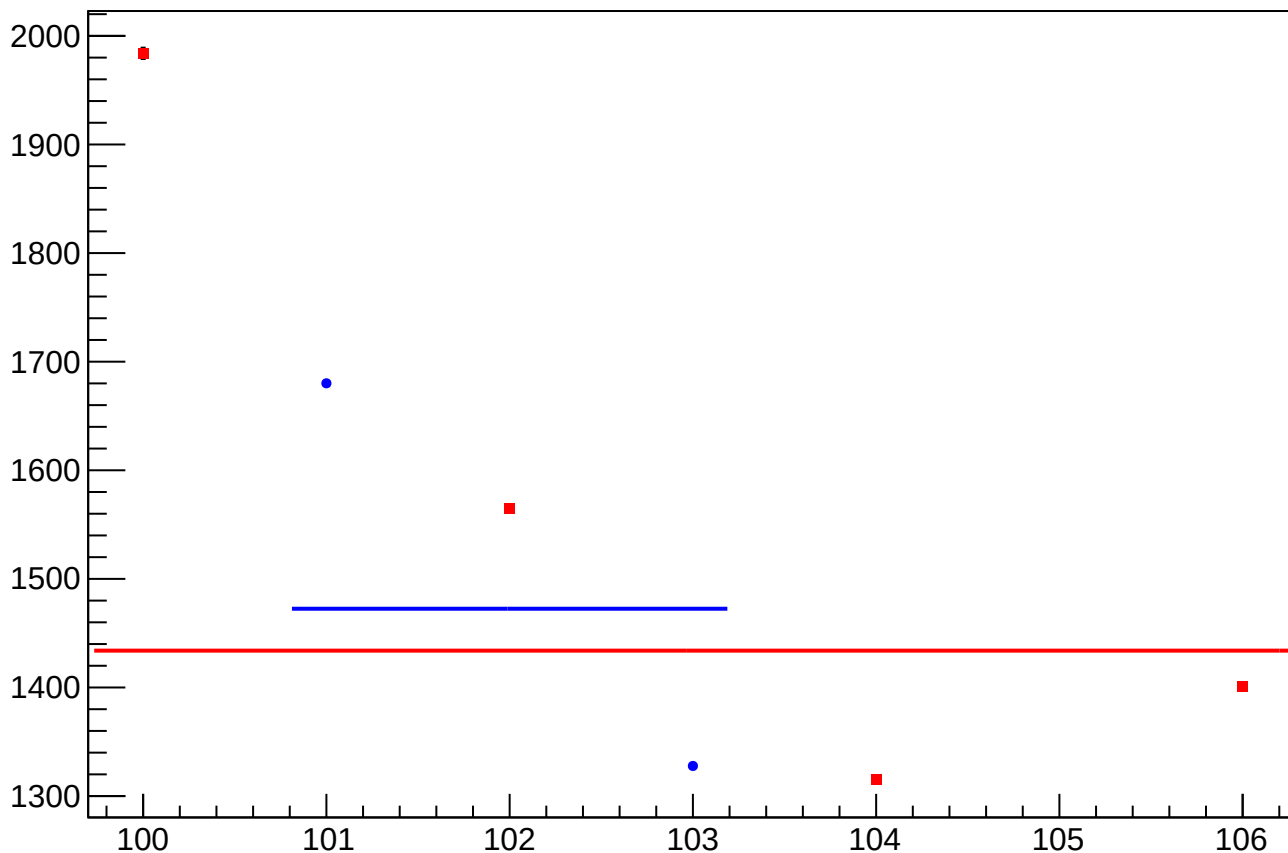
Right: 1741.769+/-905.806 χ^2/NDF : 1.9/5

In: 2195.092+/-1340.004 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.769+/-905.806 χ^2/NDF : 1.9/5

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1472.516+/-0.948 χ^2/NDF : 33470.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.931+/-0.857 χ^2/NDF : 27556.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

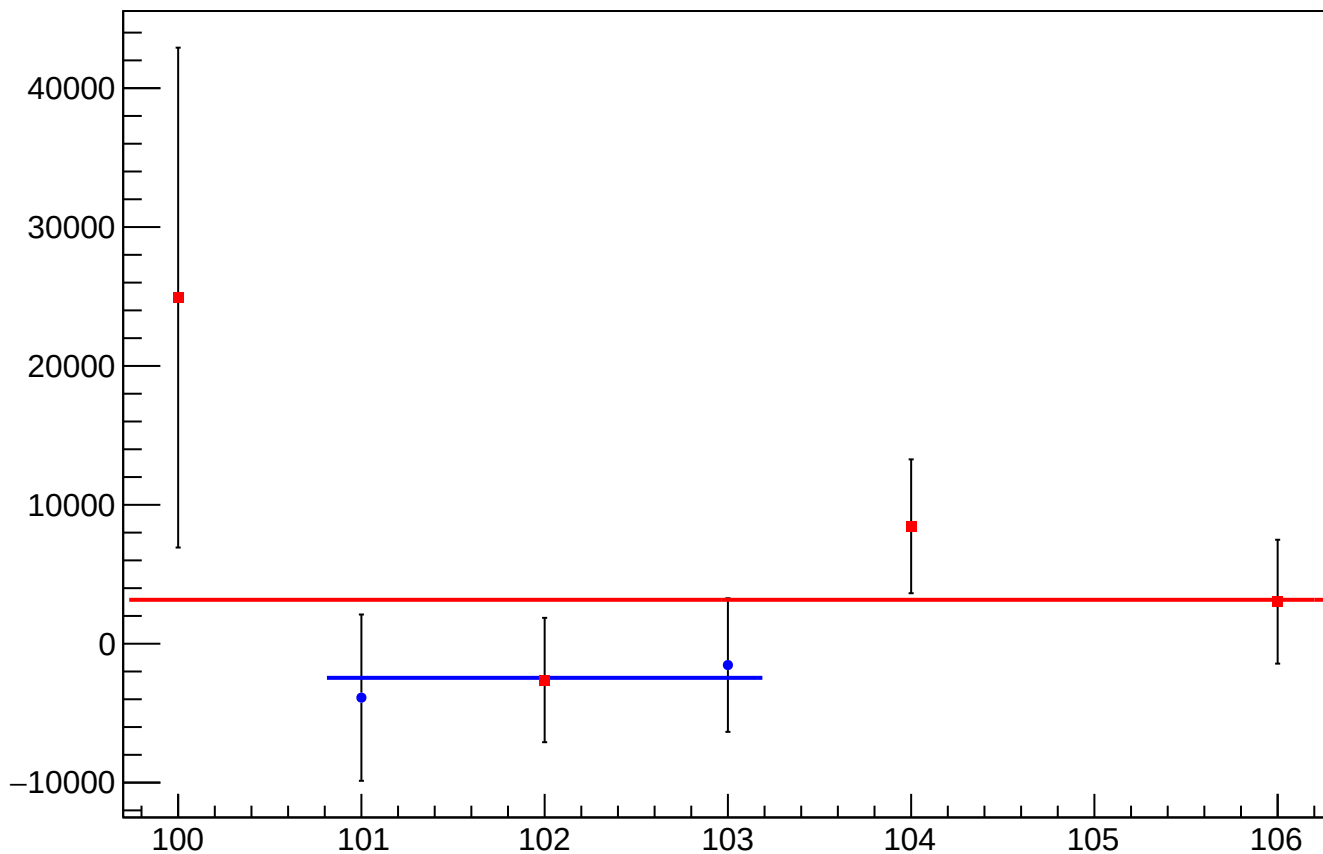
Right: 1451.289+/-0.636 χ^2/NDF : 61939.7/5

In: 1472.516+/-0.948 χ^2/NDF : 33470.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.289+/-0.636 χ^2/NDF : 61939.7/5

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2456.643+/-3749.723 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.846+/-2614.044 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

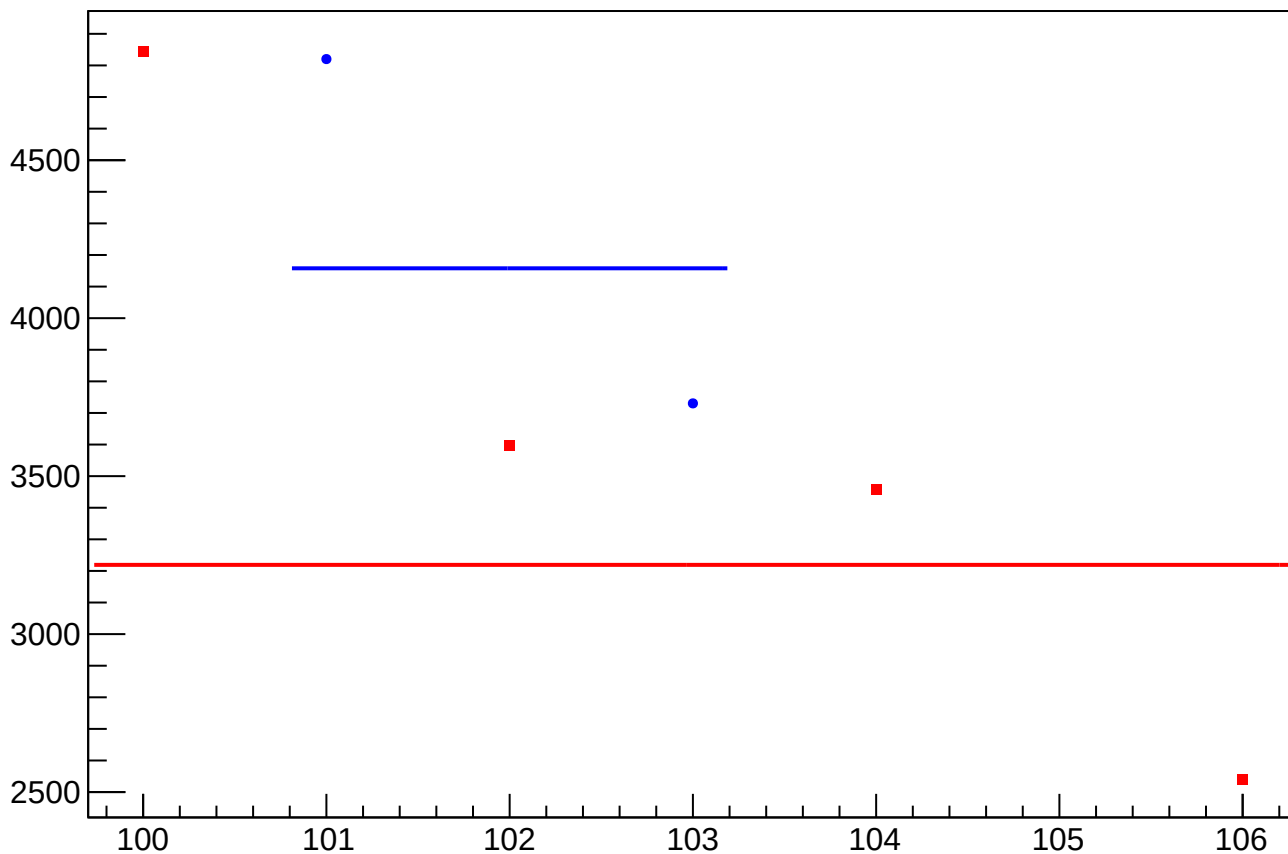
Right: 1324.330+/-2144.396 χ^2/NDF : 5.9/5

In: -2456.643+/-3749.723 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1324.330+/-2144.396 χ^2/NDF : 5.9/5

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4157.841+/-2.651 χ^2/NDF : 40273.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3219.172+/-1.848 χ^2/NDF : 82060.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

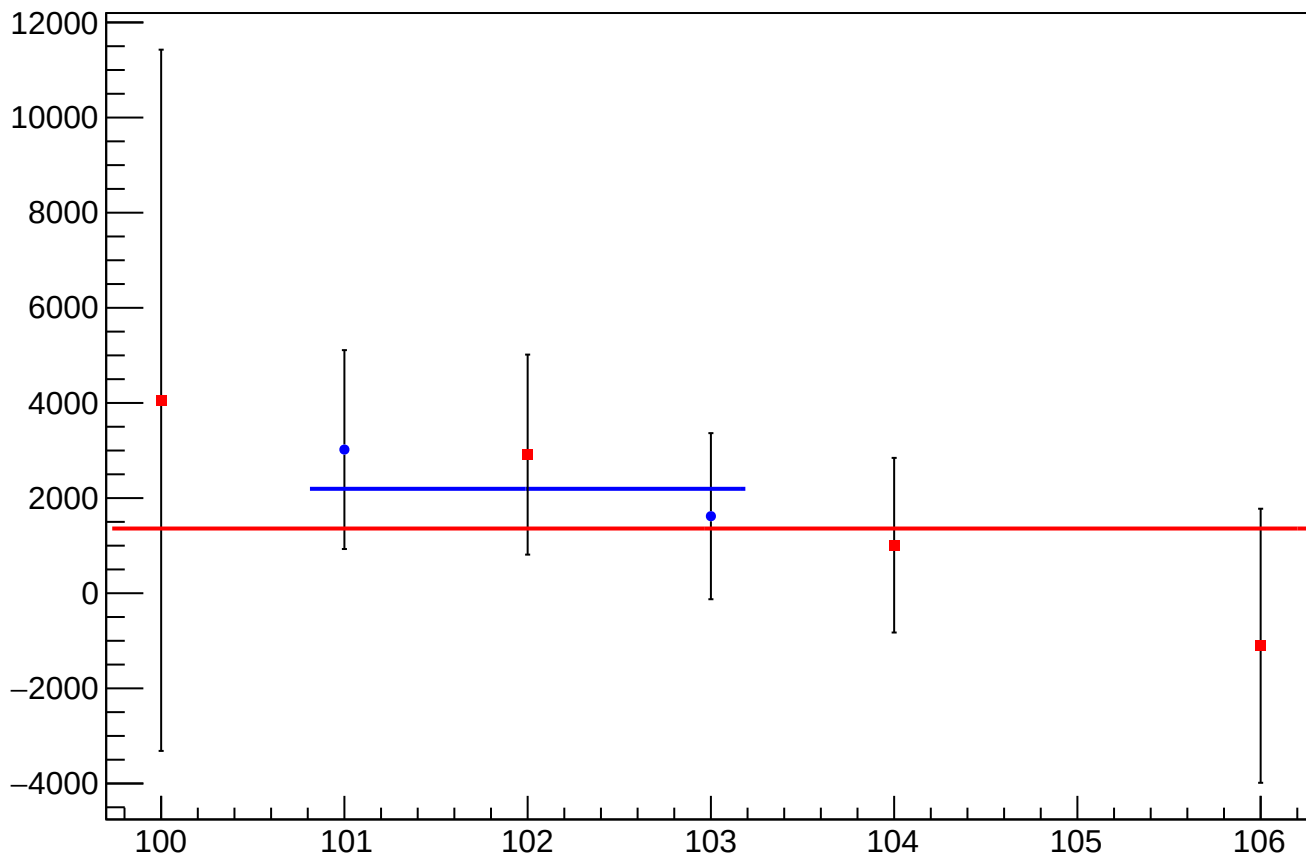
Right: 3526.162+/-1.516 χ^2/NDF : 206674.8/5

In: 4157.841+/-2.651 χ^2/NDF : 40273.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3526.162+/-1.516 χ^2/NDF : 206674.8/5

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2195.094+/-1340.004 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.338+/-1229.166 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

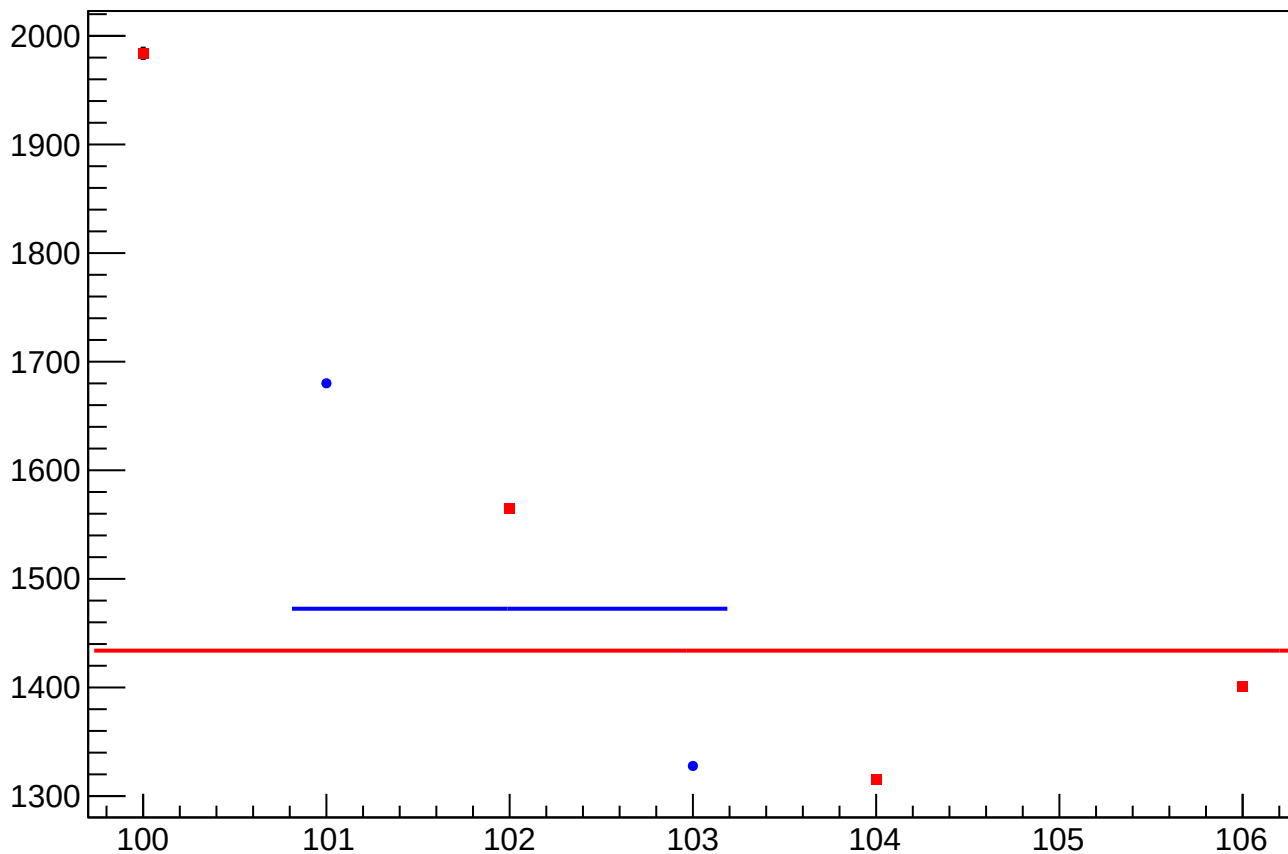
Right: 1741.770+/-905.806 χ^2/NDF : 1.9/5

In: 2195.094+/-1340.004 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.770+/-905.806 χ^2/NDF : 1.9/5

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1472.516+/-0.948 χ^2/NDF : 33470.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.931+/-0.857 χ^2/NDF : 27556.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

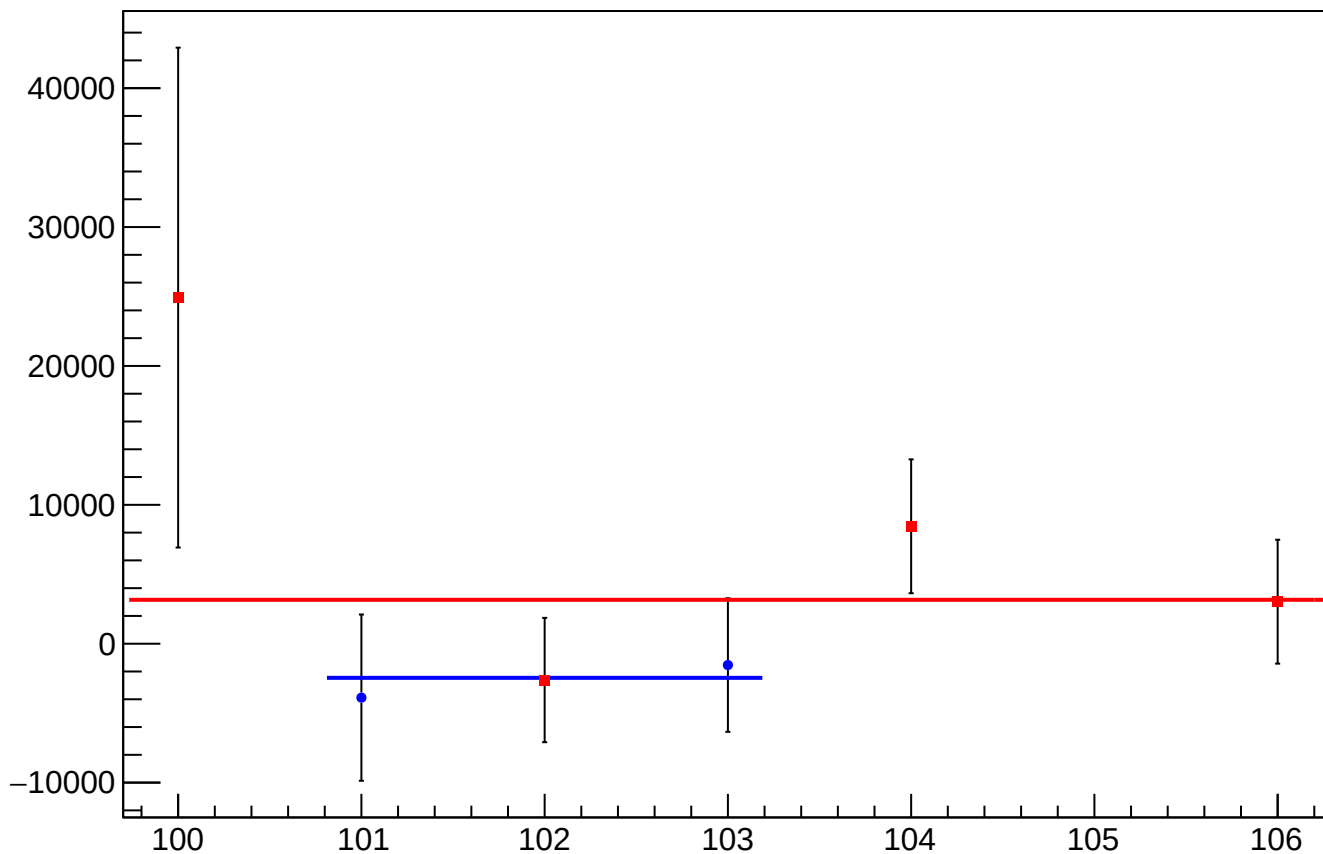
Right: 1451.289+/-0.636 χ^2/NDF : 61939.6/5

In: 1472.516+/-0.948 χ^2/NDF : 33470.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.289+/-0.636 χ^2/NDF : 61939.6/5

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2456.642 $\pm$ 3749.720 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3161.845 $\pm$ 2614.041 χ^2 /NDF: 4.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

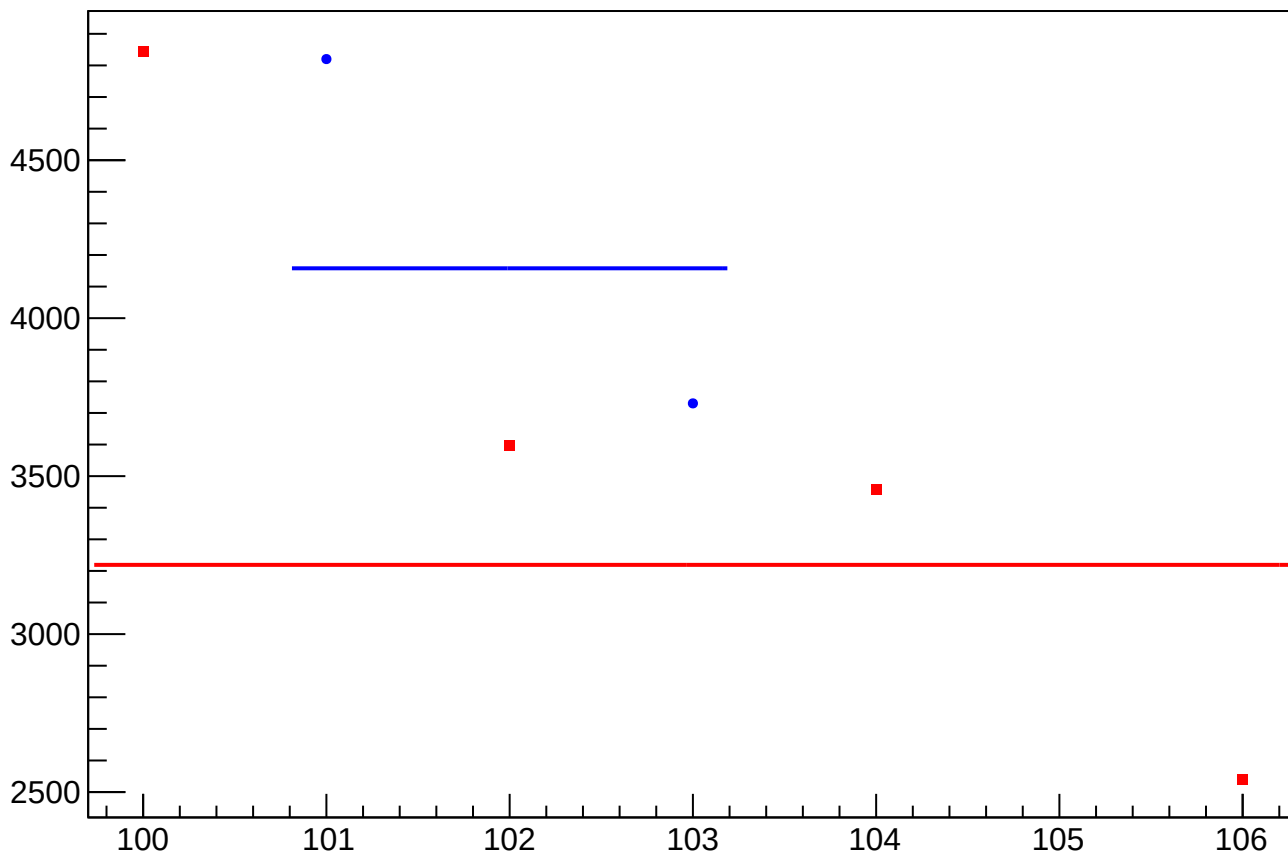
Right: 1324.331 $\pm$ 2144.394 χ^2 /NDF: 5.9/5

In: -2456.642 $\pm$ 3749.720 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1324.331 $\pm$ 2144.394 χ^2 /NDF: 5.9/5

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4157.838+/-2.651 χ^2 /NDF: 40273.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3219.168+/-1.848 χ^2 /NDF: 82061.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

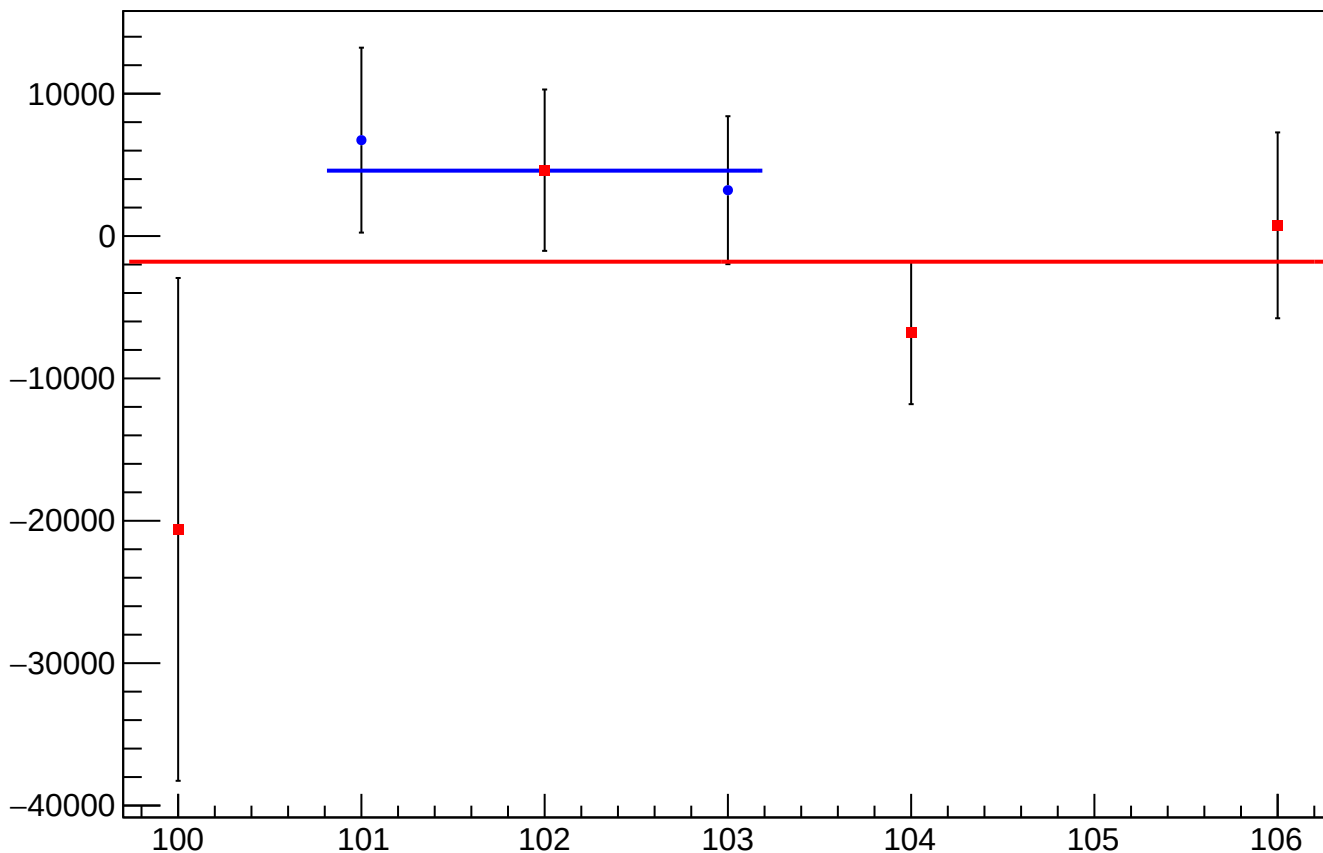
Right: 3526.158+/-1.516 χ^2 /NDF: 206675.8/5

In: 4157.838+/-2.651 χ^2 /NDF:40273.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3526.158+/-1.516 χ^2 /NDF: 206675.8/5

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 4593.280+/-4057.073 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1801.772+/-3198.100 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

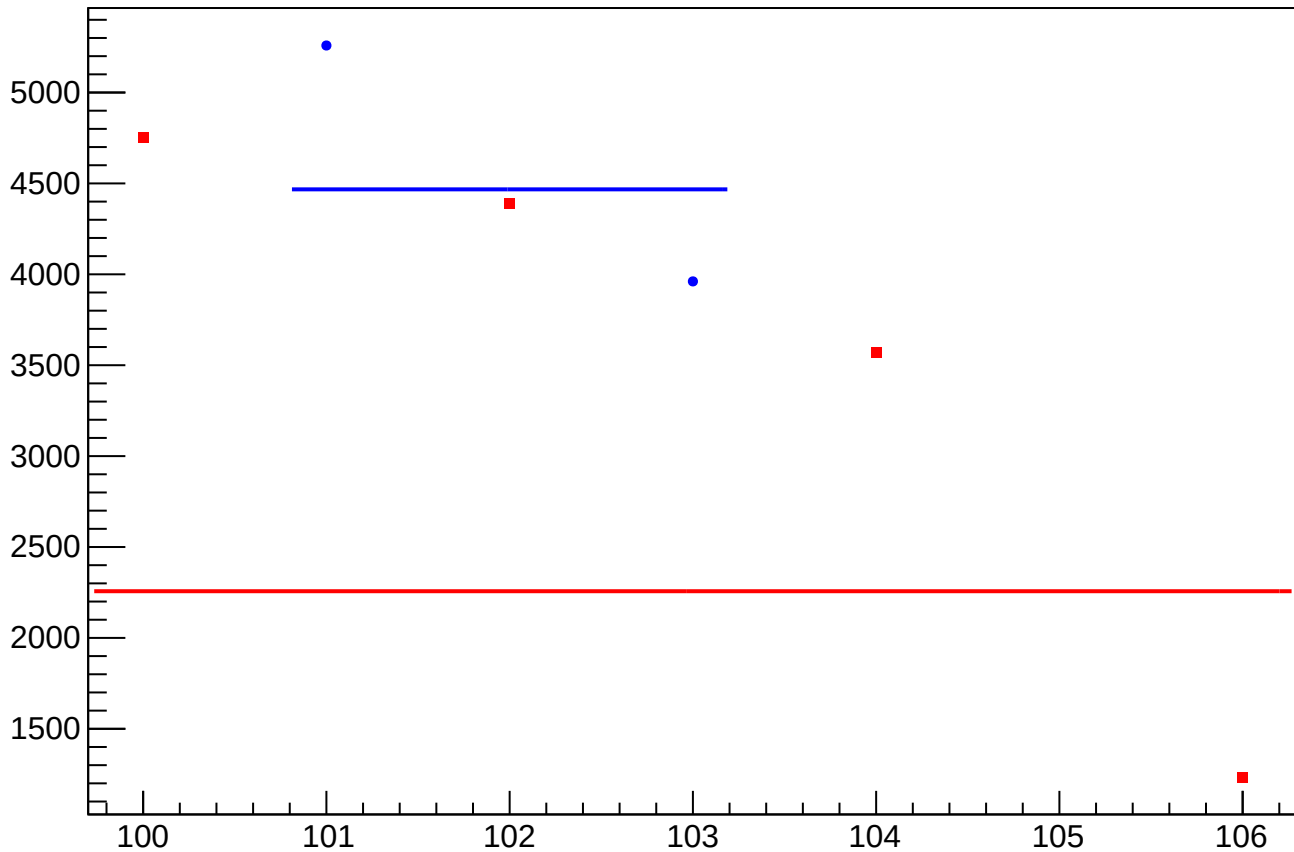
Right: 649.081+/-2511.594 χ^2/NDF : 5.3/5

In: 4593.280+/-4057.073 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.081+/-2511.594 χ^2/NDF : 5.3/5

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 4467.349+/-2.869 χ^2/NDF : 48677.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2256.843+/-1.588 χ^2/NDF : 721224.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

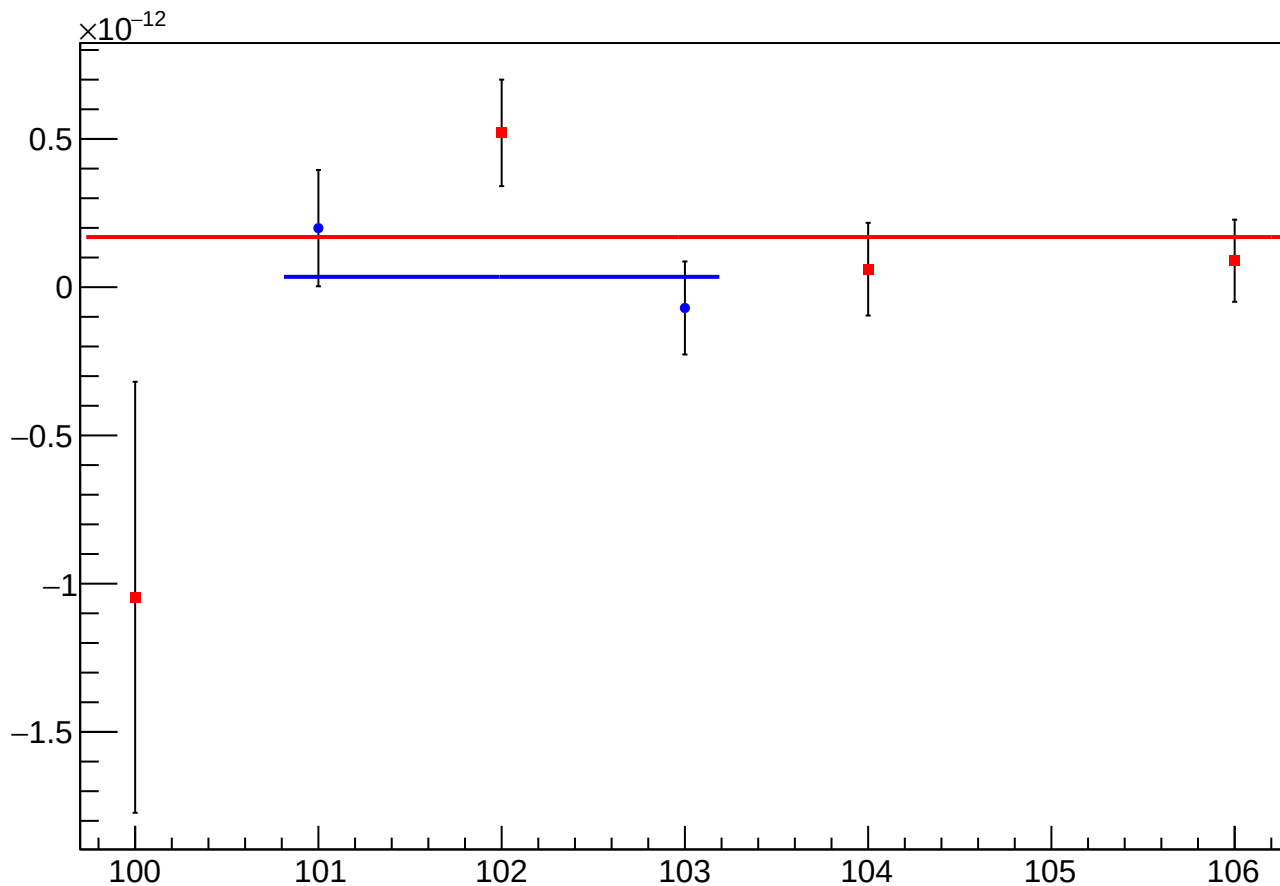
Right: 2775.427+/-1.389 χ^2/NDF : 1224358.4/5

In: 4467.349+/-2.869 χ^2/NDF : 48677.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2775.427+/-1.389 χ^2/NDF : 1224358.4/5

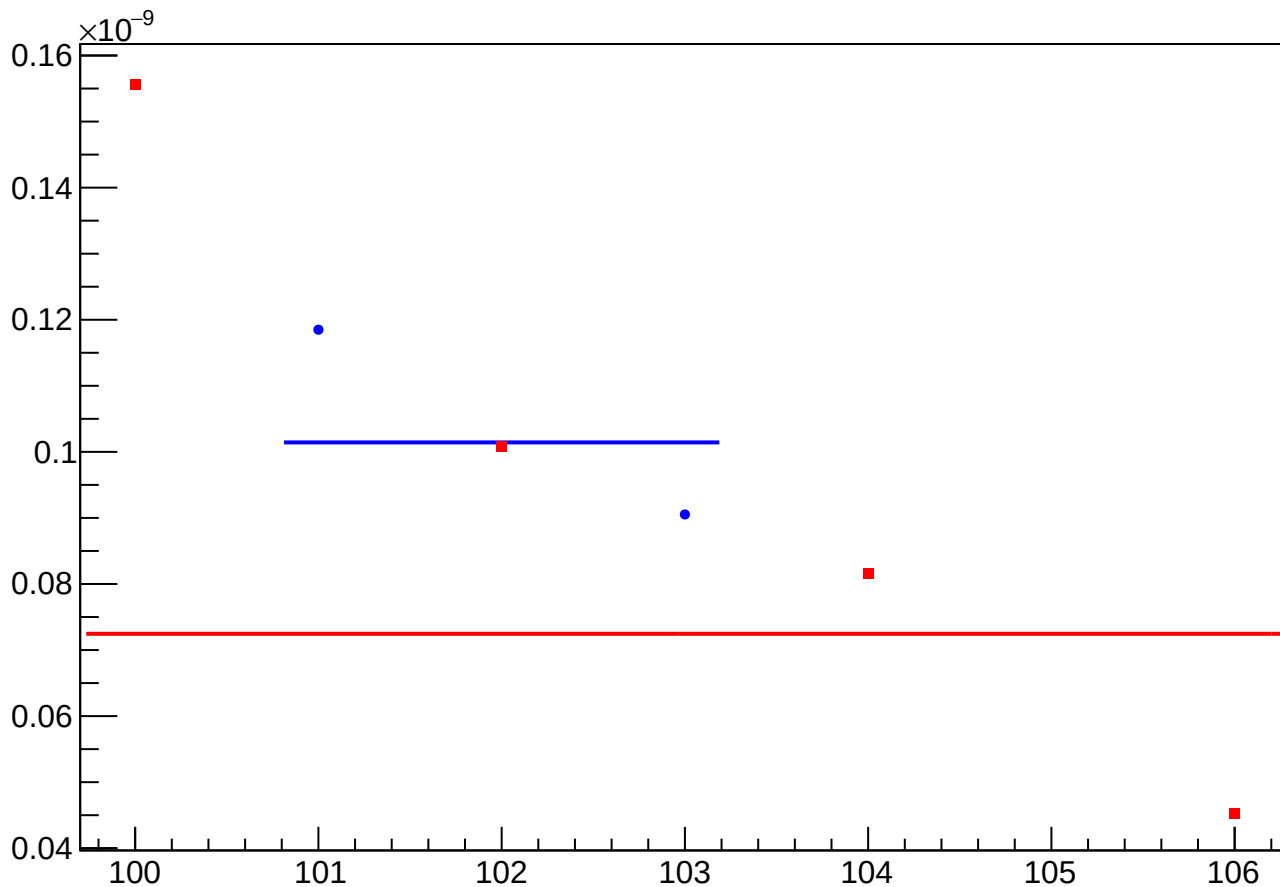
asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 9.4/5
 In: 0.000+/-0.000 χ^2/NDF : 1.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 9.4/5

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24792.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 160051.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

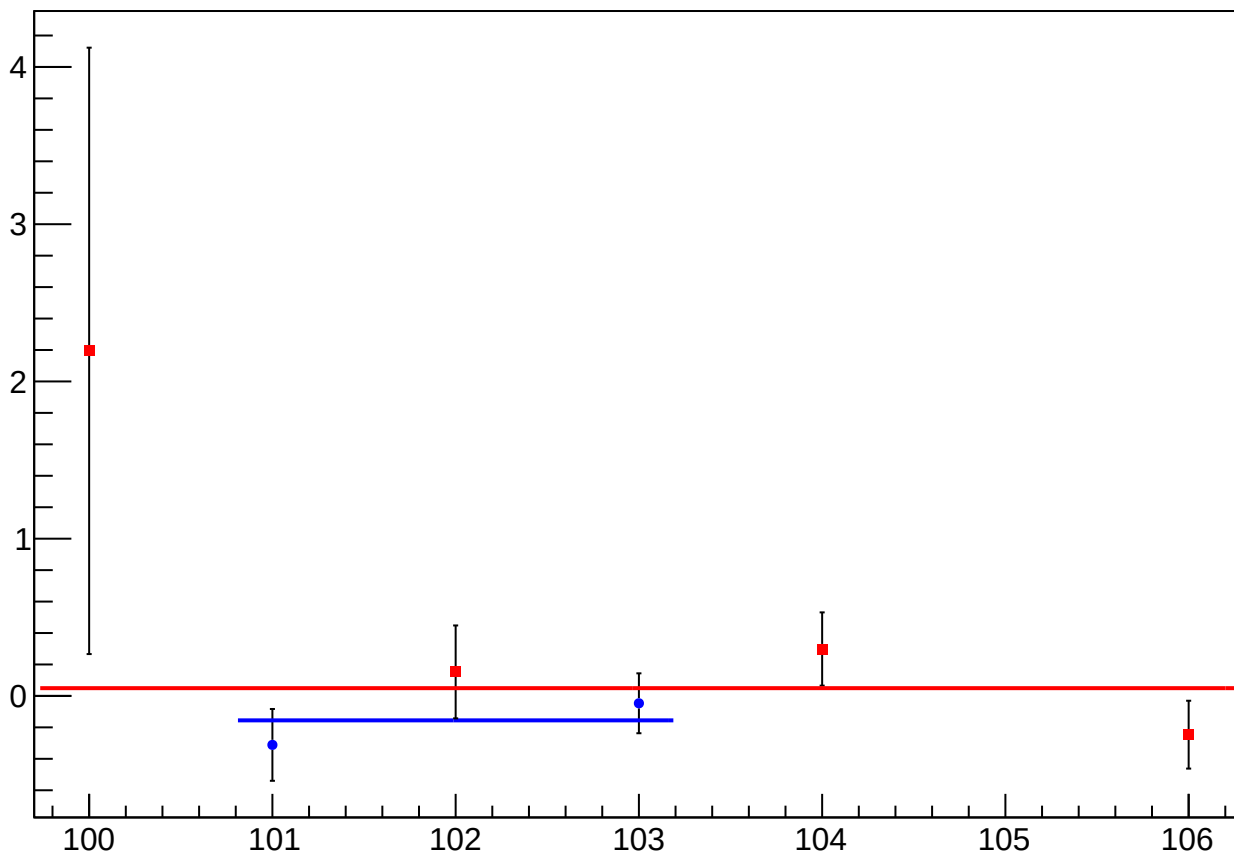
Right: 0.000+/-0.000 χ^2/NDF : 257999.3/5

In: 0.000+/-0.000 χ^2/NDF : 24792.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 257999.3/5

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.139 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

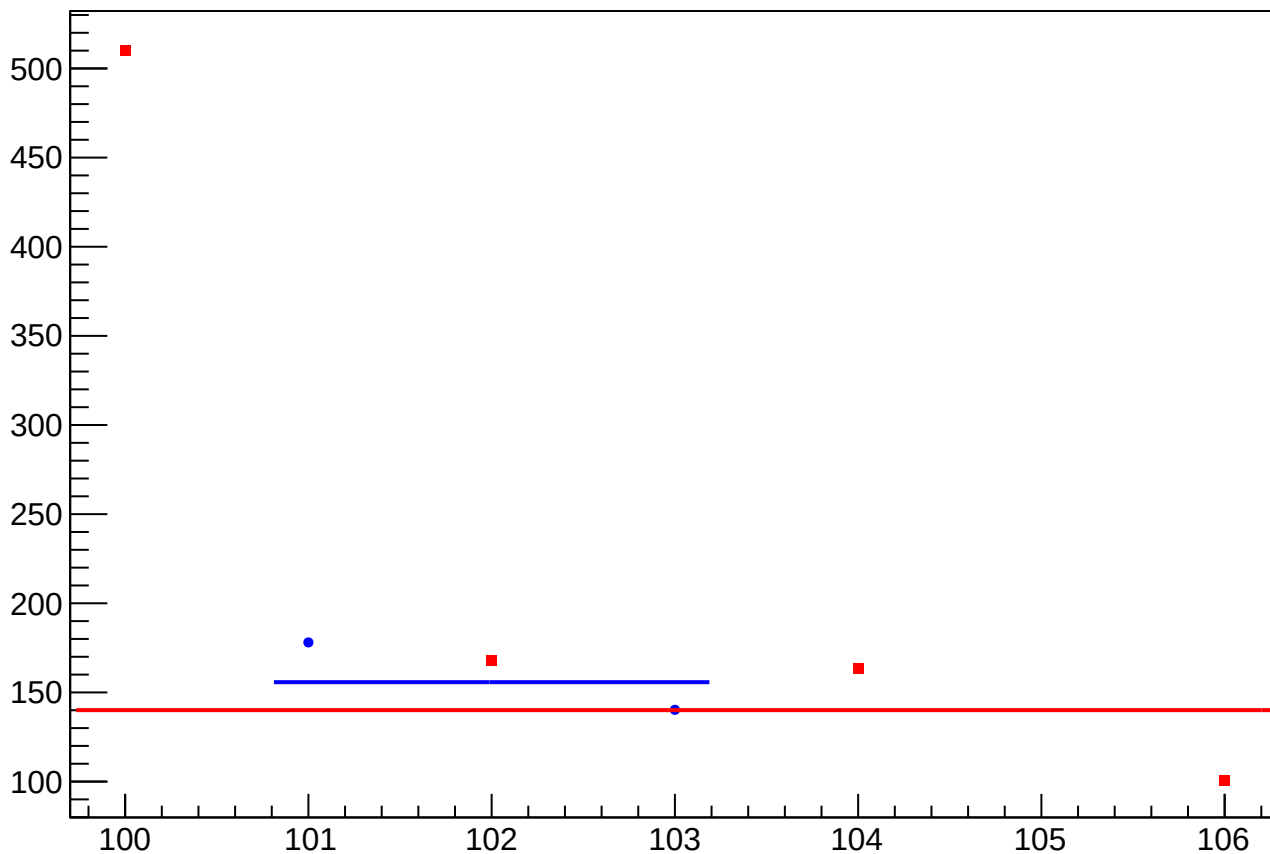
Right: -0.048+/-0.101 χ^2/NDF : 6.2/5

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.048+/-0.101 χ^2/NDF : 6.2/5

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32324.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.057 $\pm$ 0.098 χ^2 /NDF: 178402.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

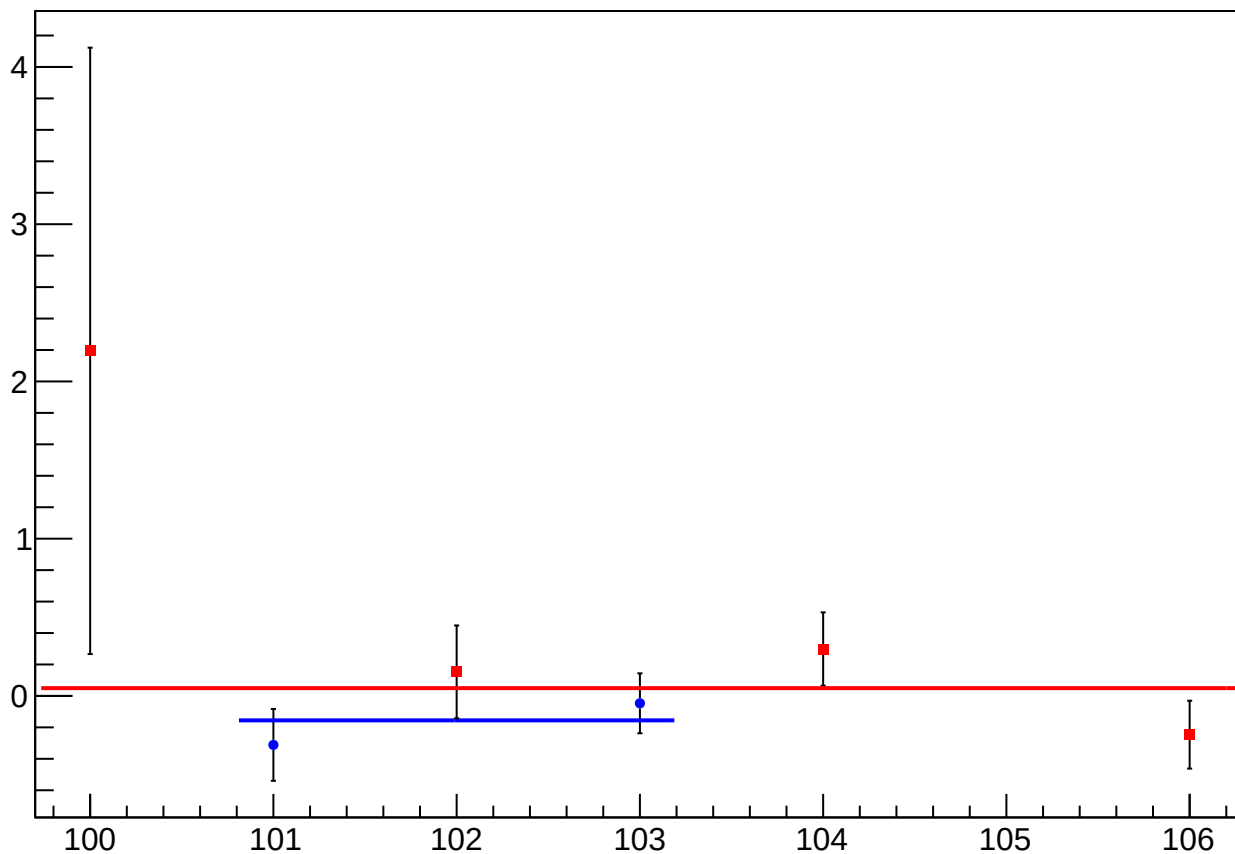
Right: 147.514 $\pm$ 0.071 χ^2 /NDF: 222813.0/5

In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32324.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.514 $\pm$ 0.071 χ^2 /NDF: 222813.0/5

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.139 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

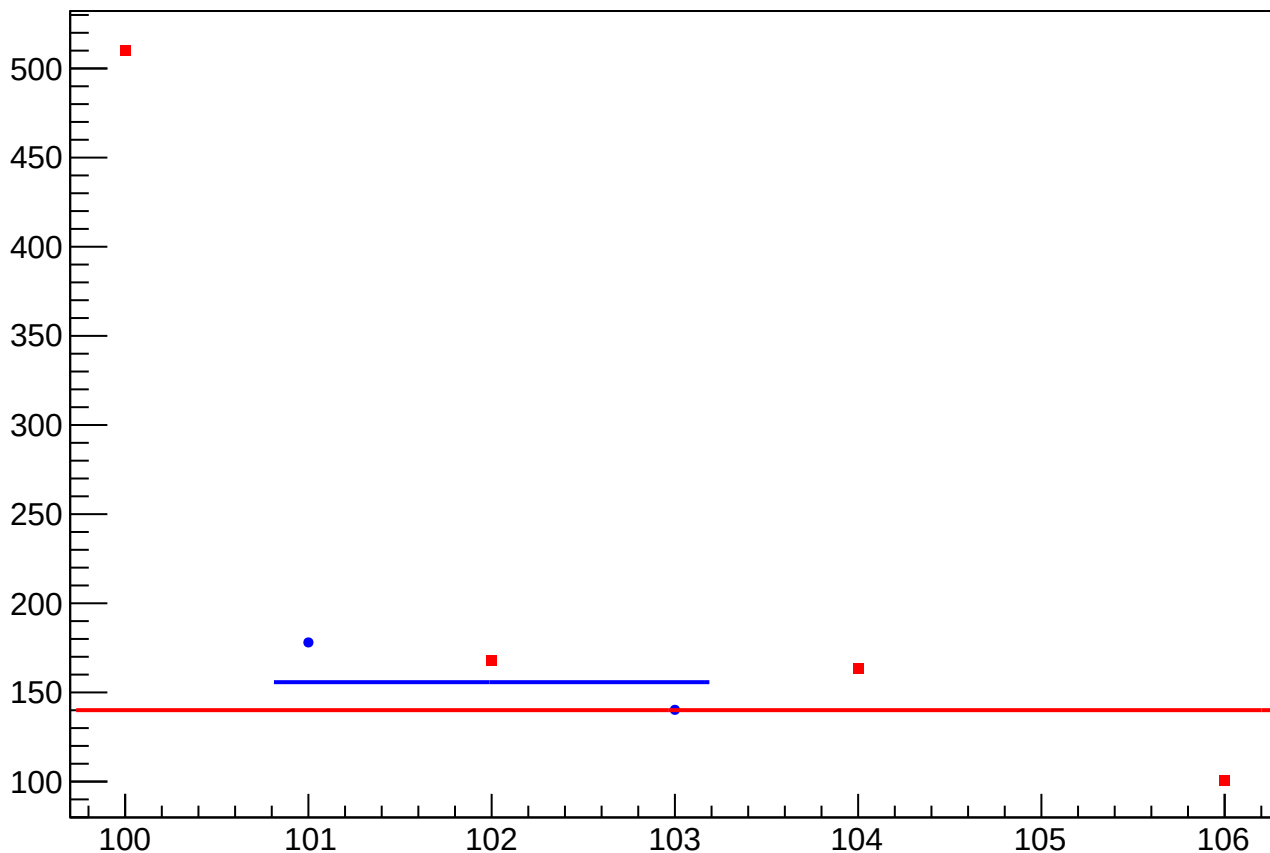
Right: -0.048+/-0.101 χ^2/NDF : 6.2/5

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.048+/-0.101 χ^2/NDF : 6.2/5

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32324.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.057 $\pm$ 0.098 χ^2 /NDF: 178402.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

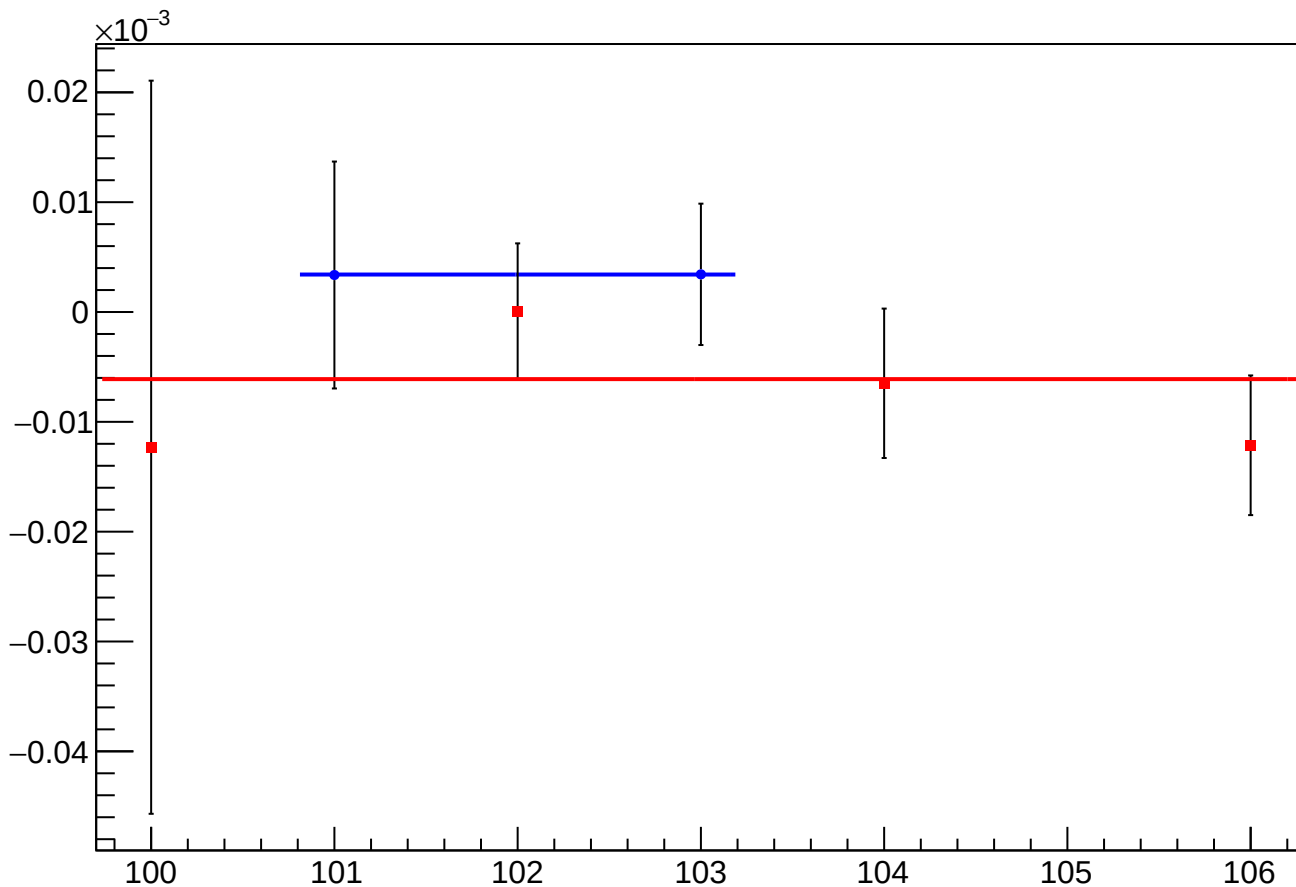
Right: 147.514 $\pm$ 0.071 χ^2 /NDF: 222813.0/5

In: 155.752 $\pm$ 0.103 χ^2 /NDF:32324.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.514 $\pm$ 0.071 χ^2 /NDF: 222813.0/5

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

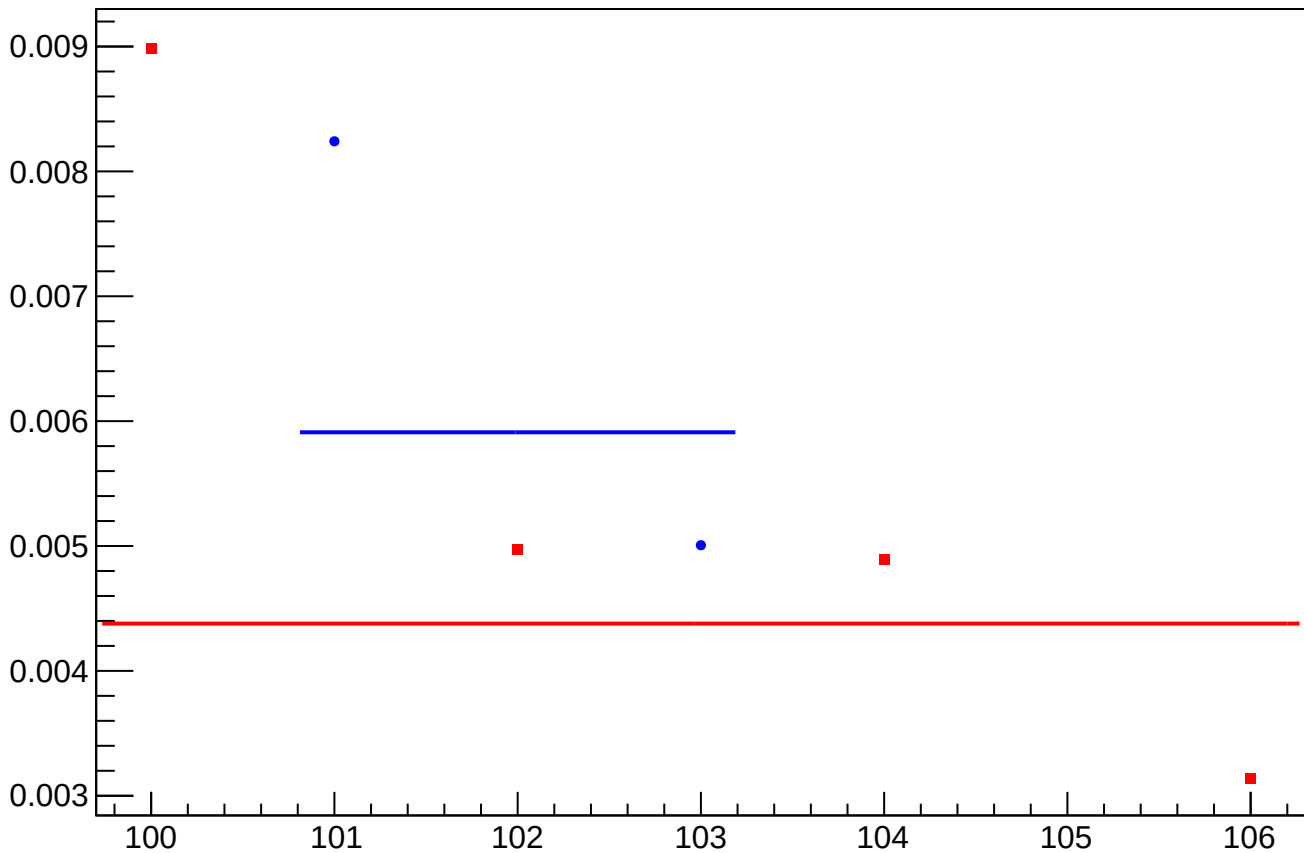
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 141233.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 143425.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

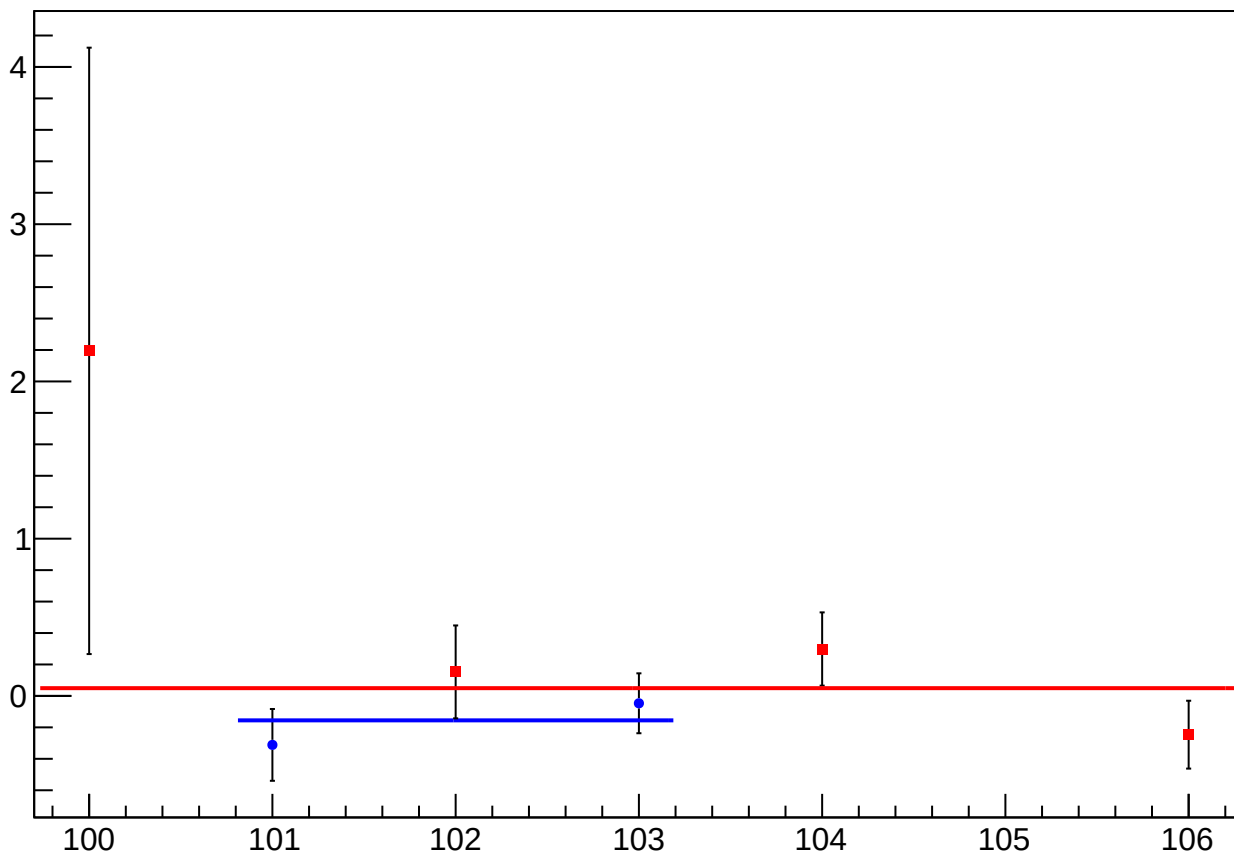
Right: 0.005+/-0.000 χ^2/NDF : 392731.8/5

In: 0.006+/-0.000 χ^2/NDF : 141233.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 392731.8/5

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155 $\pm$ 0.146 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.049 $\pm$ 0.139 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

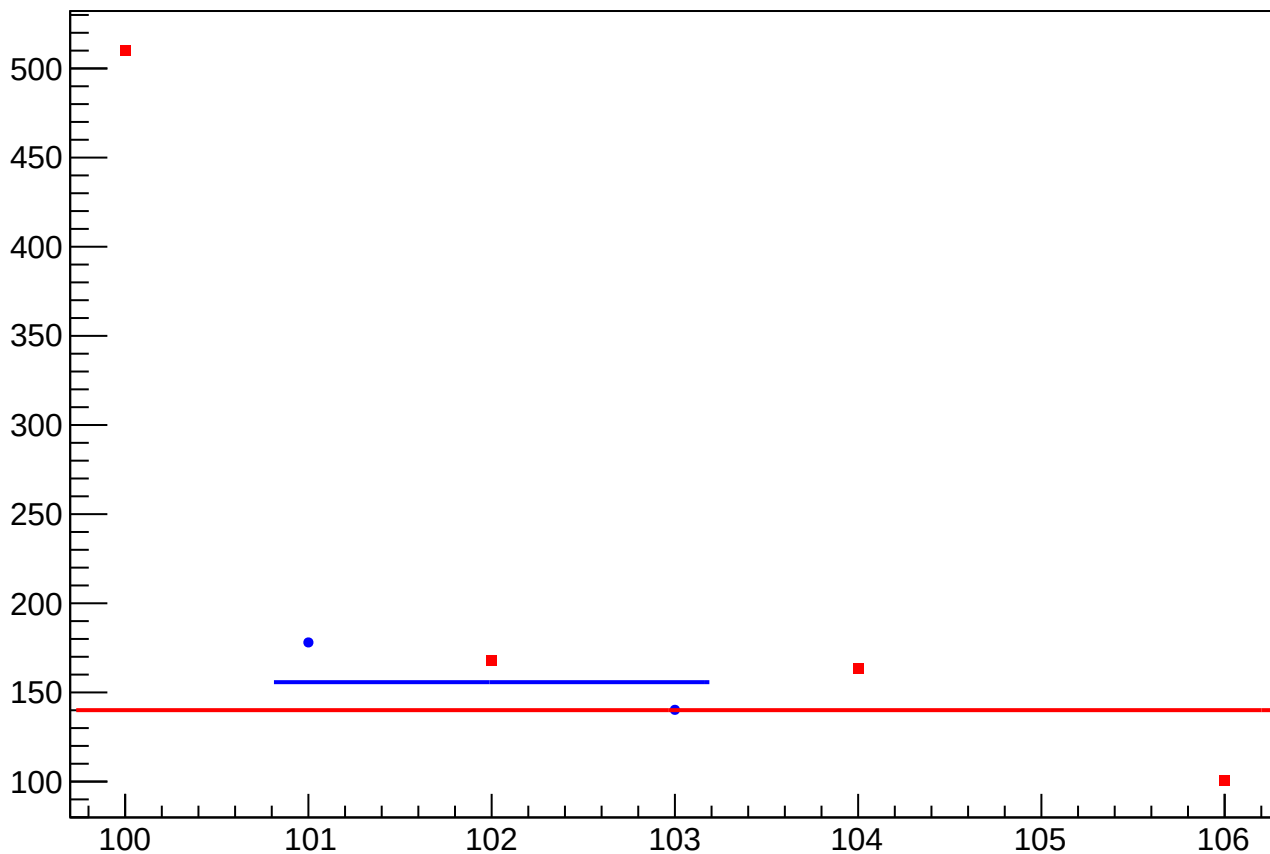
Right: -0.048 $\pm$ 0.101 χ^2 /NDF: 6.2/5

In: -0.155 $\pm$ 0.146 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.048 $\pm$ 0.101 χ^2 /NDF: 6.2/5

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32315.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.057 $\pm$ 0.098 χ^2 /NDF: 178405.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

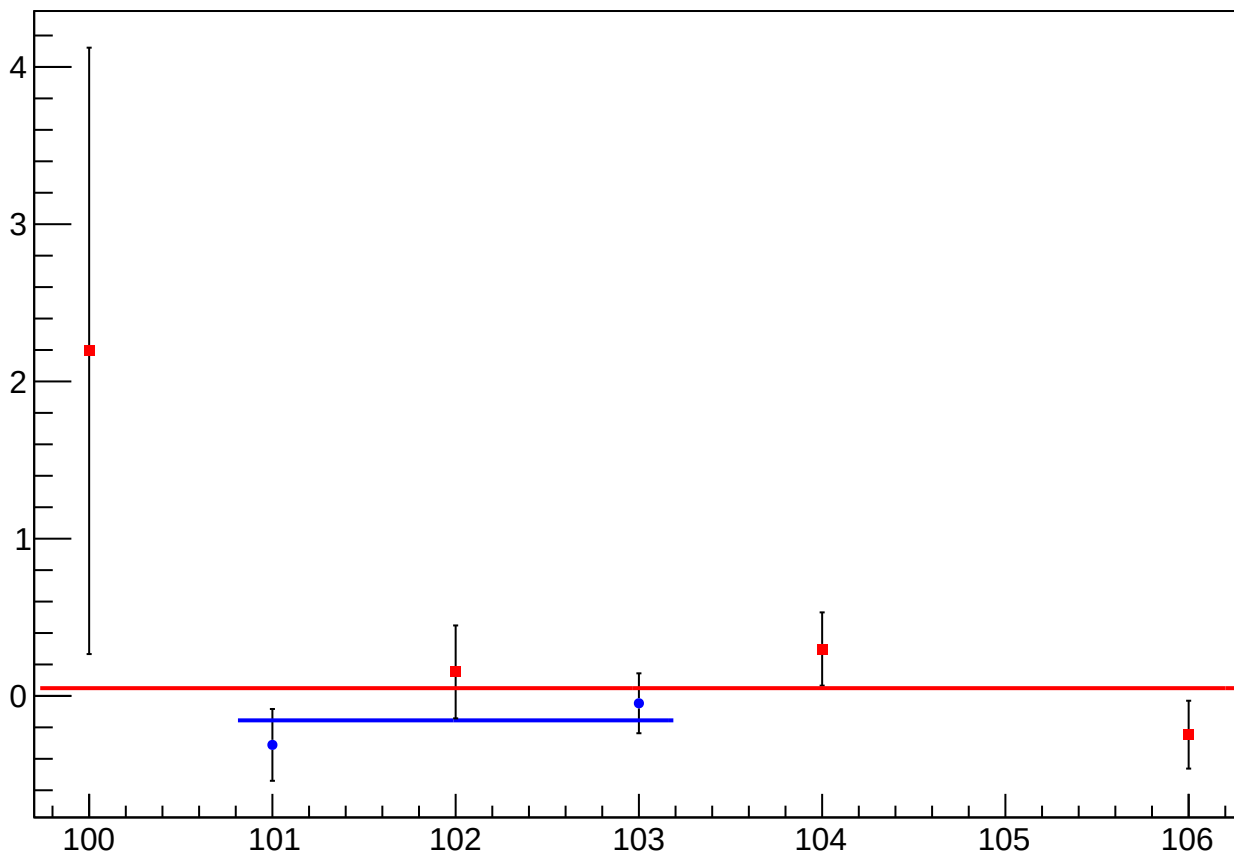
Right: 147.514 $\pm$ 0.071 χ^2 /NDF: 222807.2/5

In: 155.752 $\pm$ 0.103 χ^2 /NDF:32315.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.514 $\pm$ 0.071 χ^2 /NDF: 222807.2/5

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.139 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

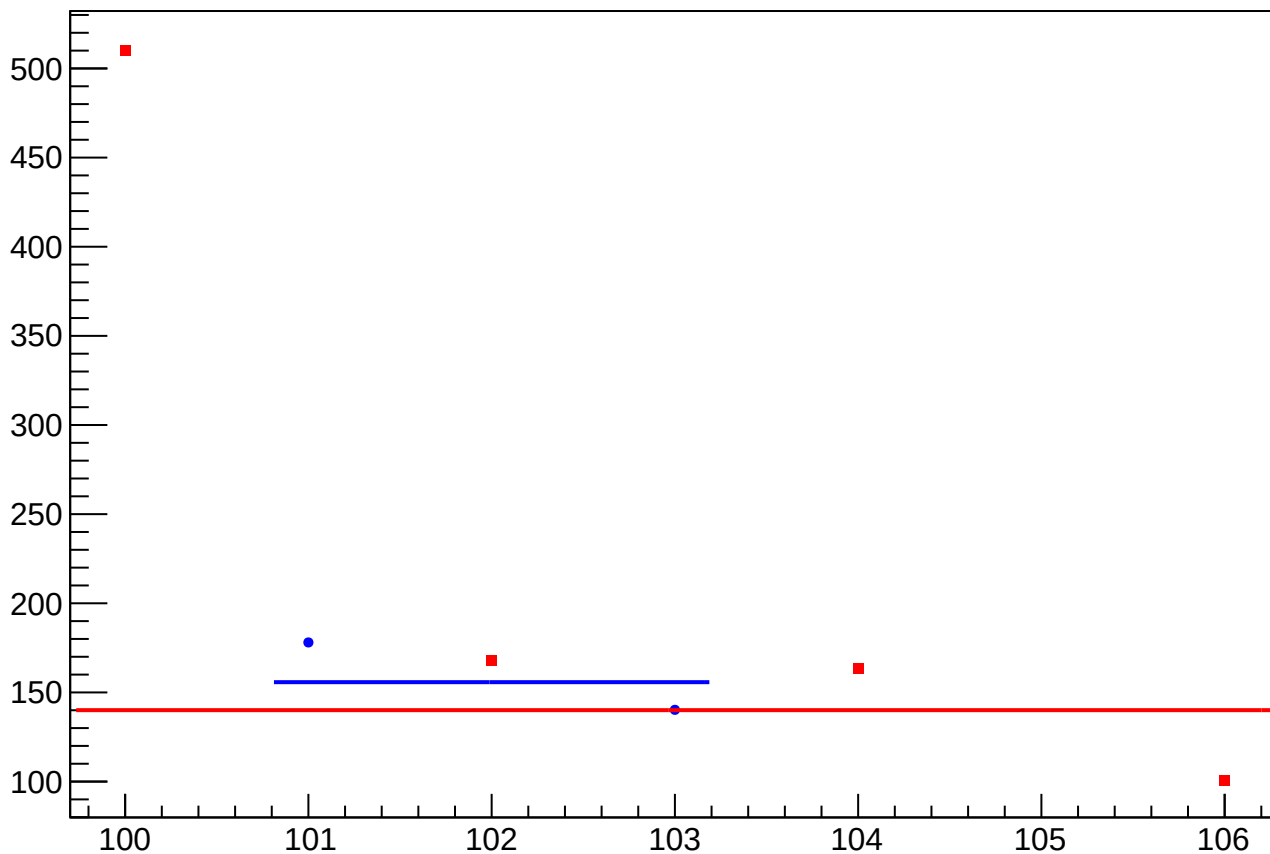
Right: -0.048+/-0.101 χ^2/NDF : 6.2/5

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.048+/-0.101 χ^2/NDF : 6.2/5

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 $\pm$ 0.103 χ^2 /NDF: 32315.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.057 $\pm$ 0.098 χ^2 /NDF: 178405.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

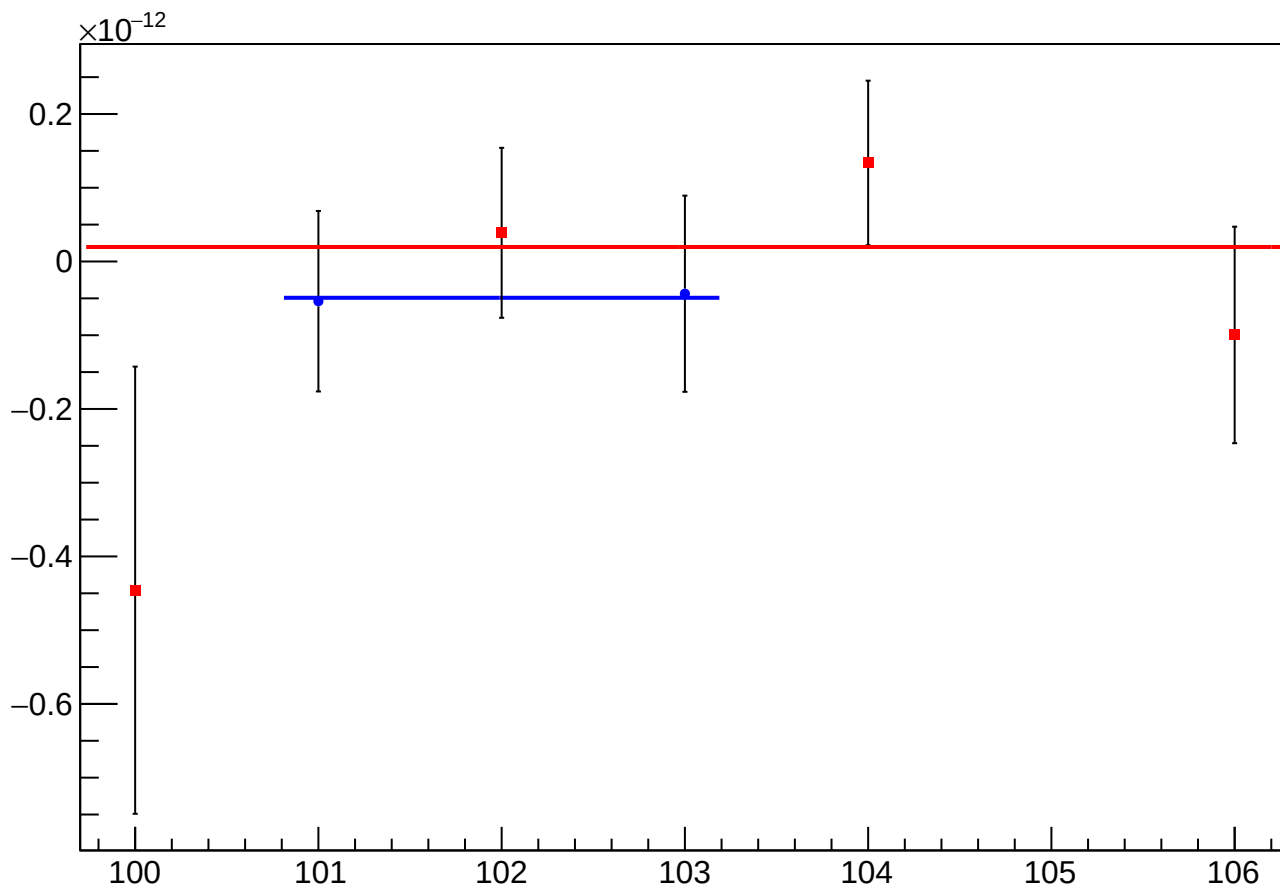
Right: 147.514 $\pm$ 0.071 χ^2 /NDF: 222807.2/5

In: 155.752 $\pm$ 0.103 χ^2 /NDF:32315.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.514 $\pm$ 0.071 χ^2 /NDF: 222807.2/5

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

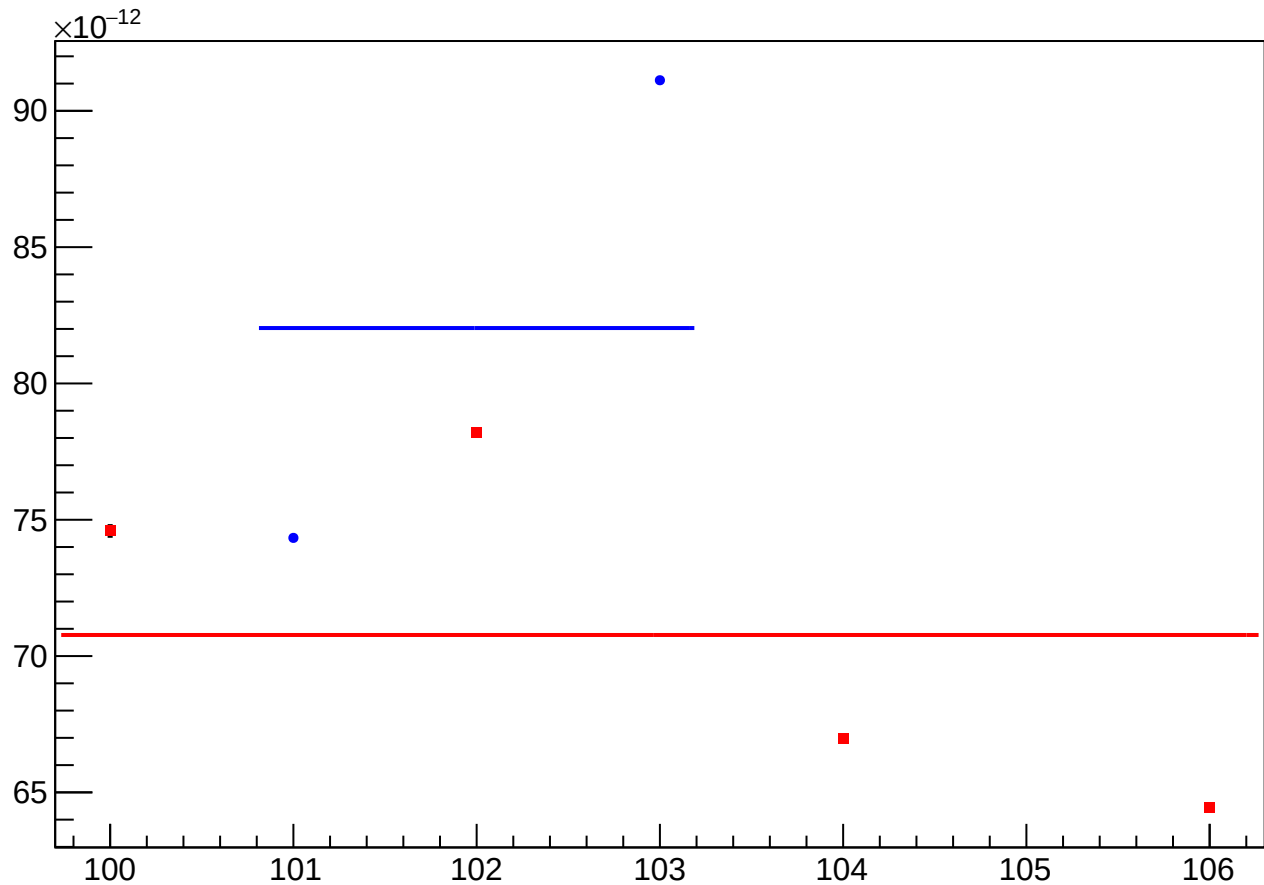
Right: -0.000+/-0.000 χ^2/NDF : 4.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.5/5

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17249.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14684.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

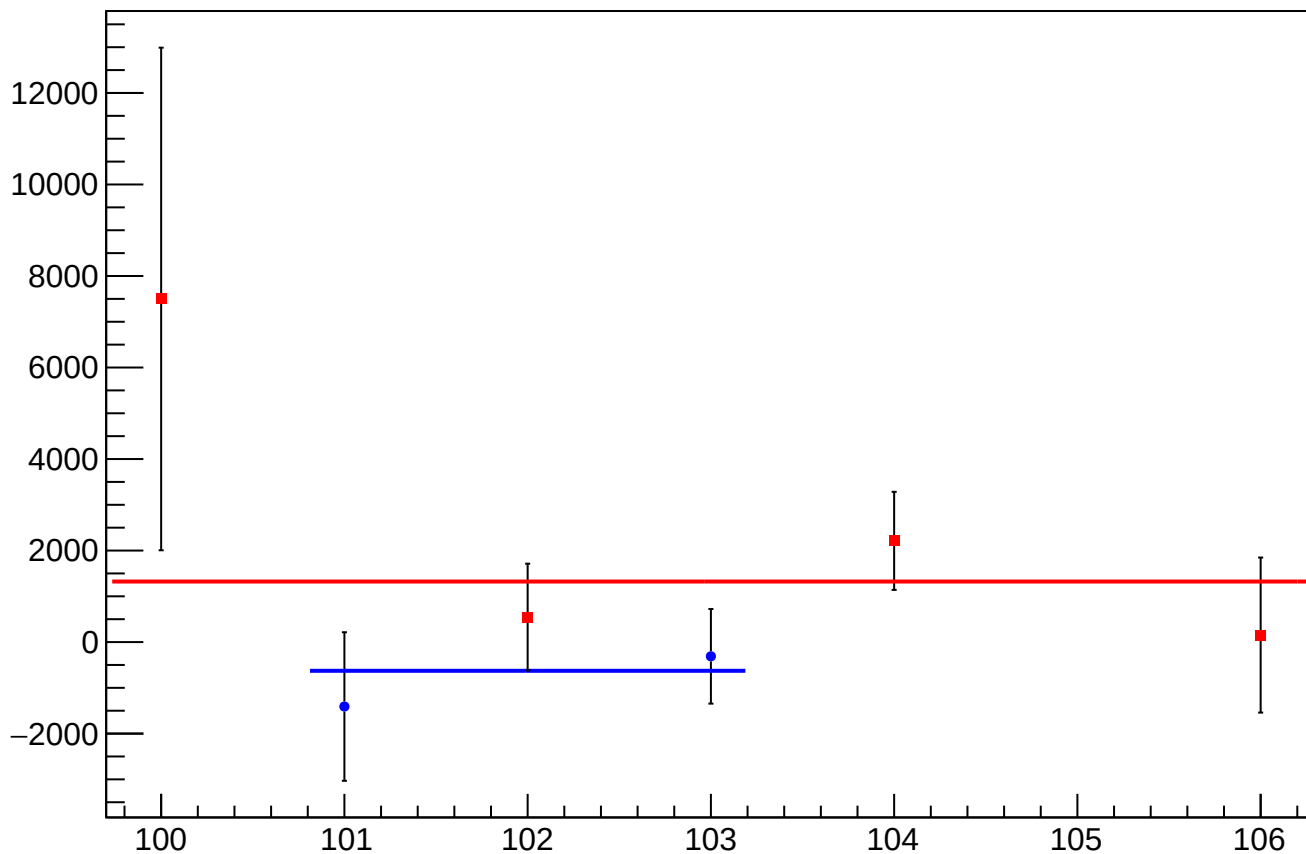
Right: 0.000+/-0.000 χ^2/NDF : 51724.4/5

In: 0.000+/-0.000 χ^2/NDF : 17249.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 51724.4/5

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.656+/-872.155 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.272+/-709.324 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

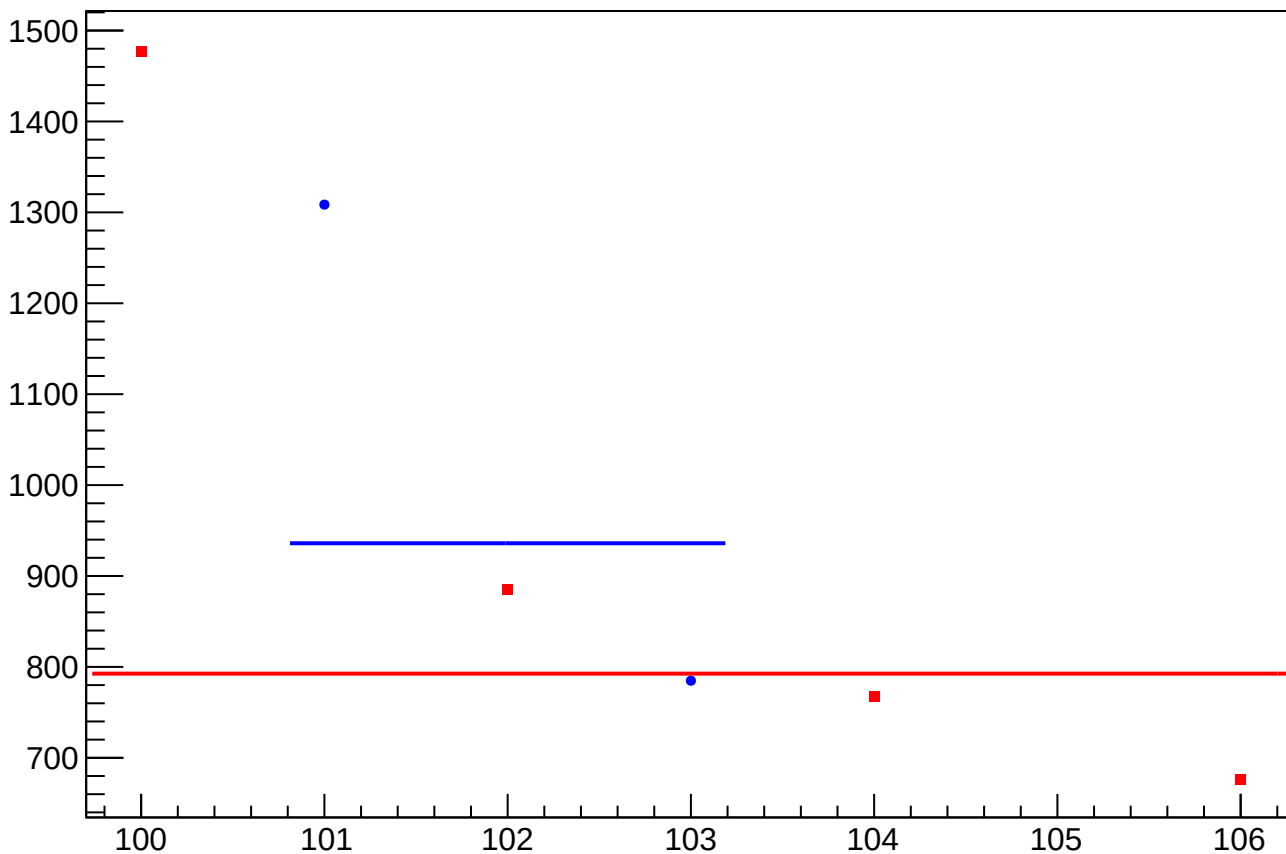
Right: 546.572+/-550.300 χ^2/NDF : 6.2/5

In: -627.656+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.572+/-550.300 χ^2/NDF : 6.2/5

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.016+/-0.617 χ^2/NDF : 148044.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.600+/-0.473 χ^2/NDF : 60945.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

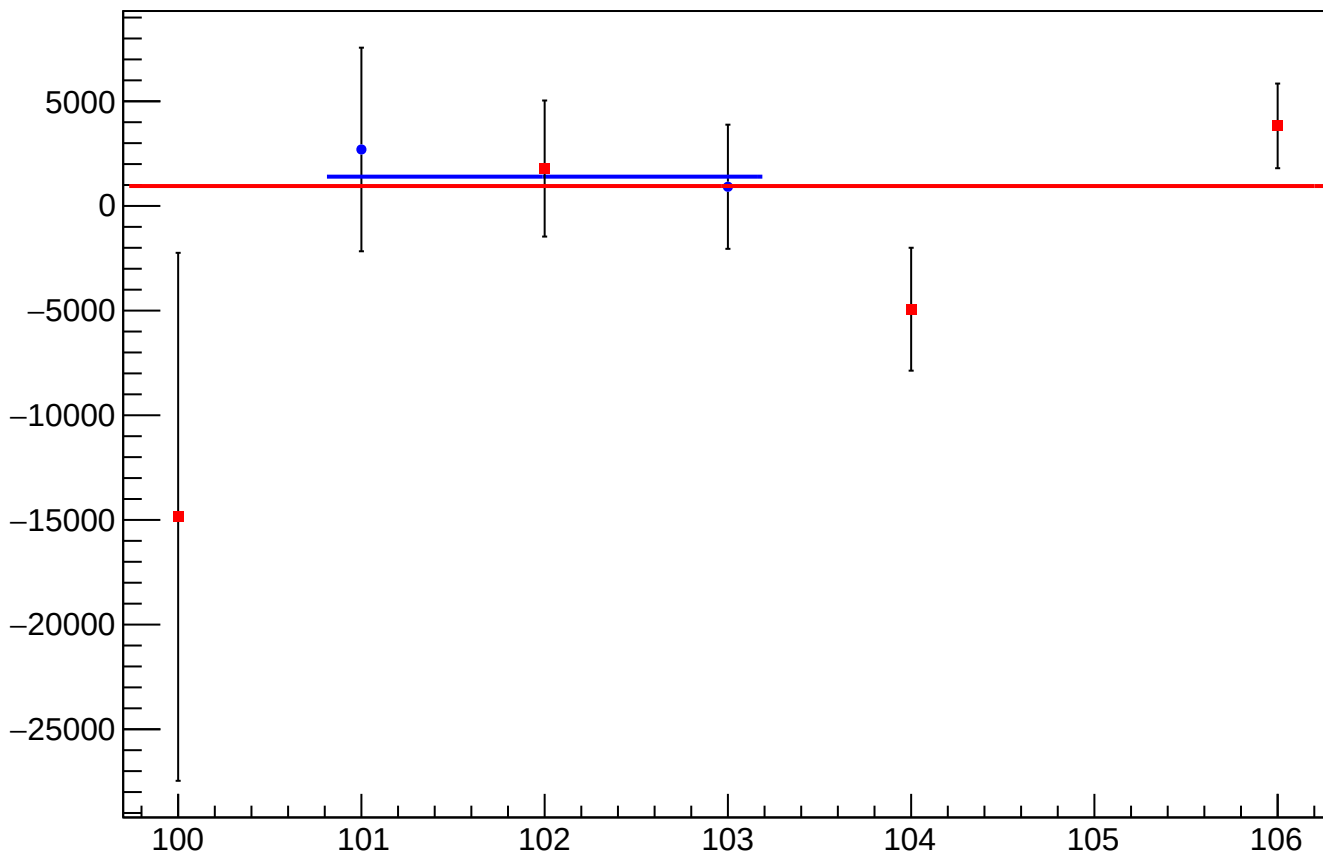
Right: 845.781+/-0.376 χ^2/NDF : 243015.7/5

In: 936.016+/-0.617 χ^2/NDF : 148044.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.781+/-0.376 χ^2/NDF : 243015.7/5

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1399.248+/-2531.957 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 950.917+/-1471.855 χ^2/NDF : 7.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

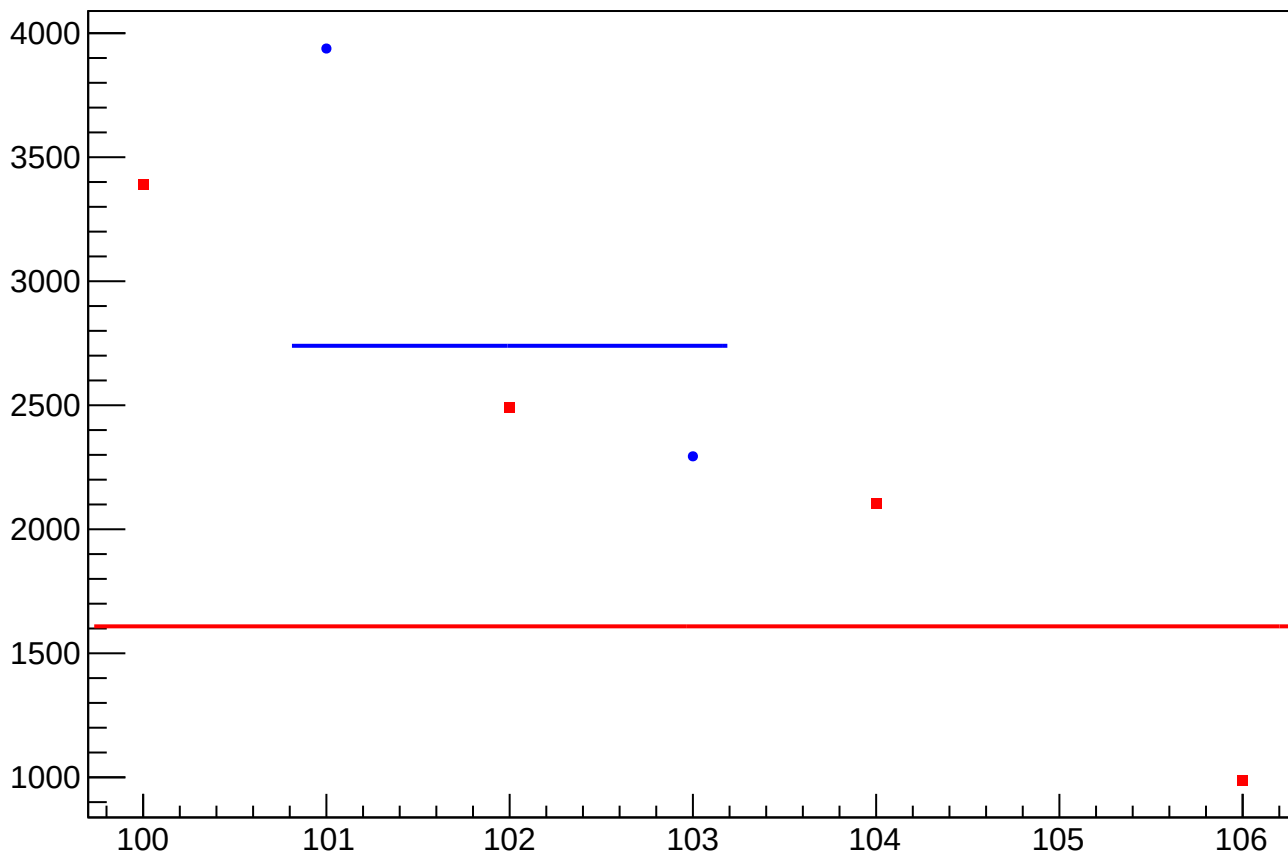
Right: 1064.153+/-1272.476 χ^2/NDF : 7.8/5

In: 1399.248+/-2531.957 χ^2/NDF :0.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1064.153+/-1272.476 χ^2/NDF : 7.8/5

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2739.750+/-1.790 χ^2/NDF : 166597.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1608.680+/-1.041 χ^2/NDF : 432783.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

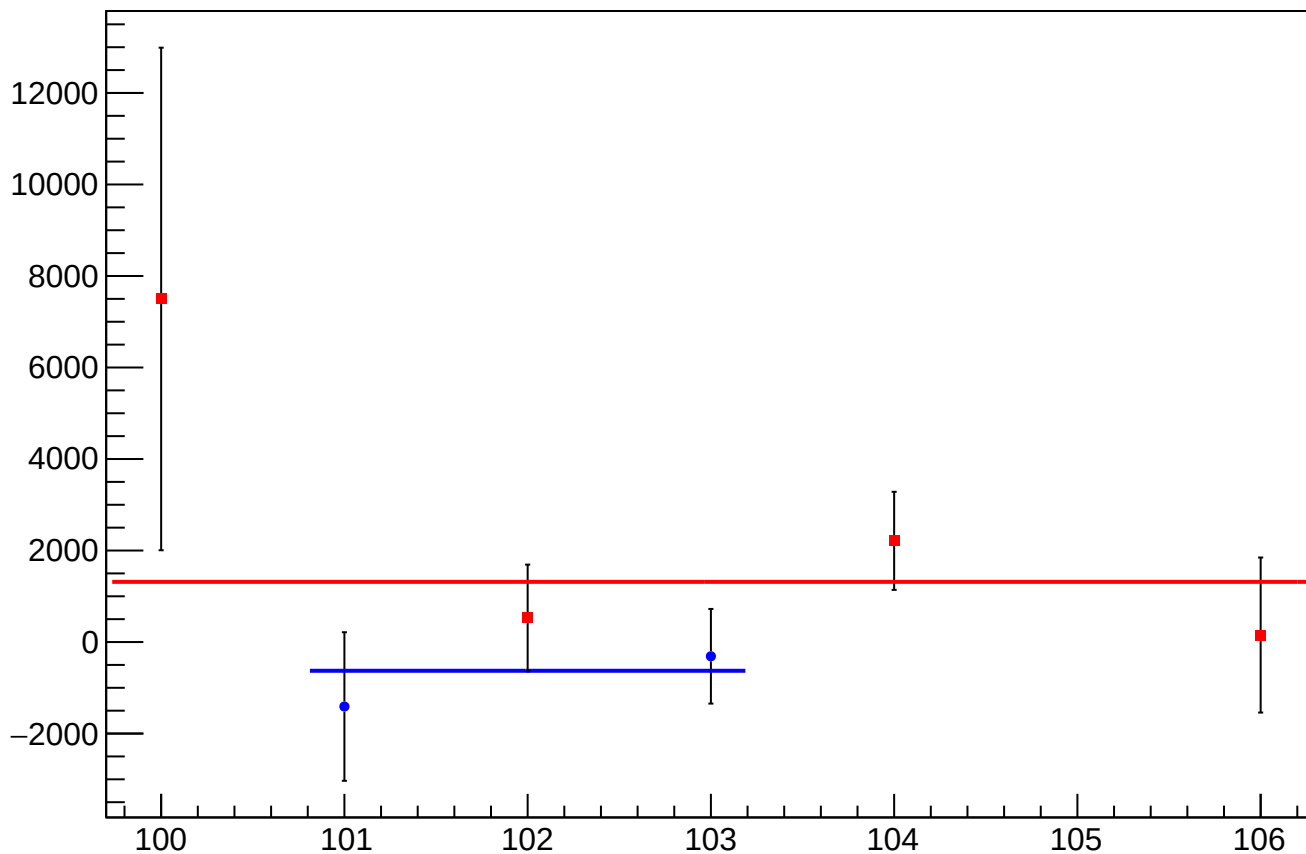
Right: 1894.358+/-0.900 χ^2/NDF : 897689.2/5

In: 2739.750+/-1.790 χ^2/NDF : 166597.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.358+/-0.900 χ^2/NDF : 897689.2/5

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.610+/-709.377 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

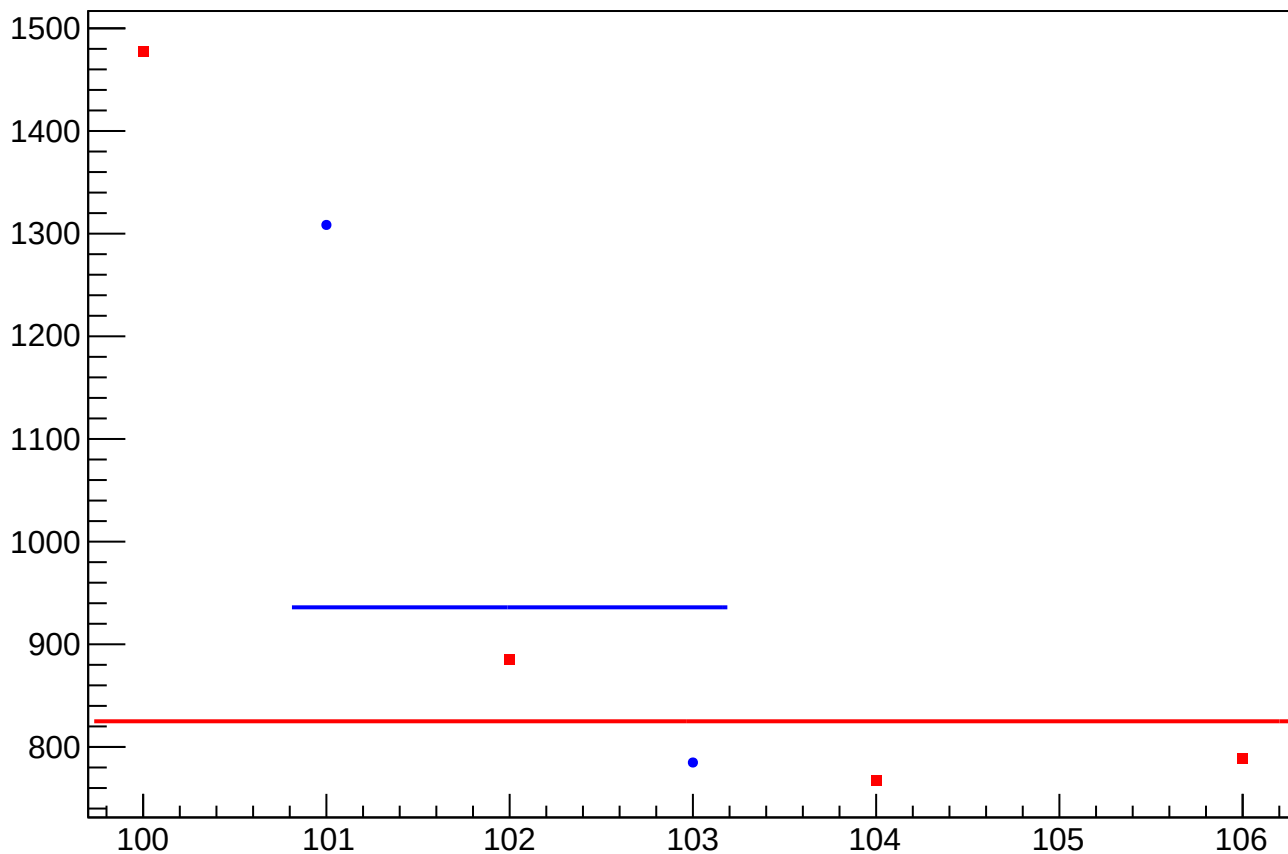
Right: 541.780+/-550.325 χ^2/NDF : 6.2/5

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.780+/-550.325 χ^2/NDF : 6.2/5

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.002+/-0.489 χ^2/NDF : 40441.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

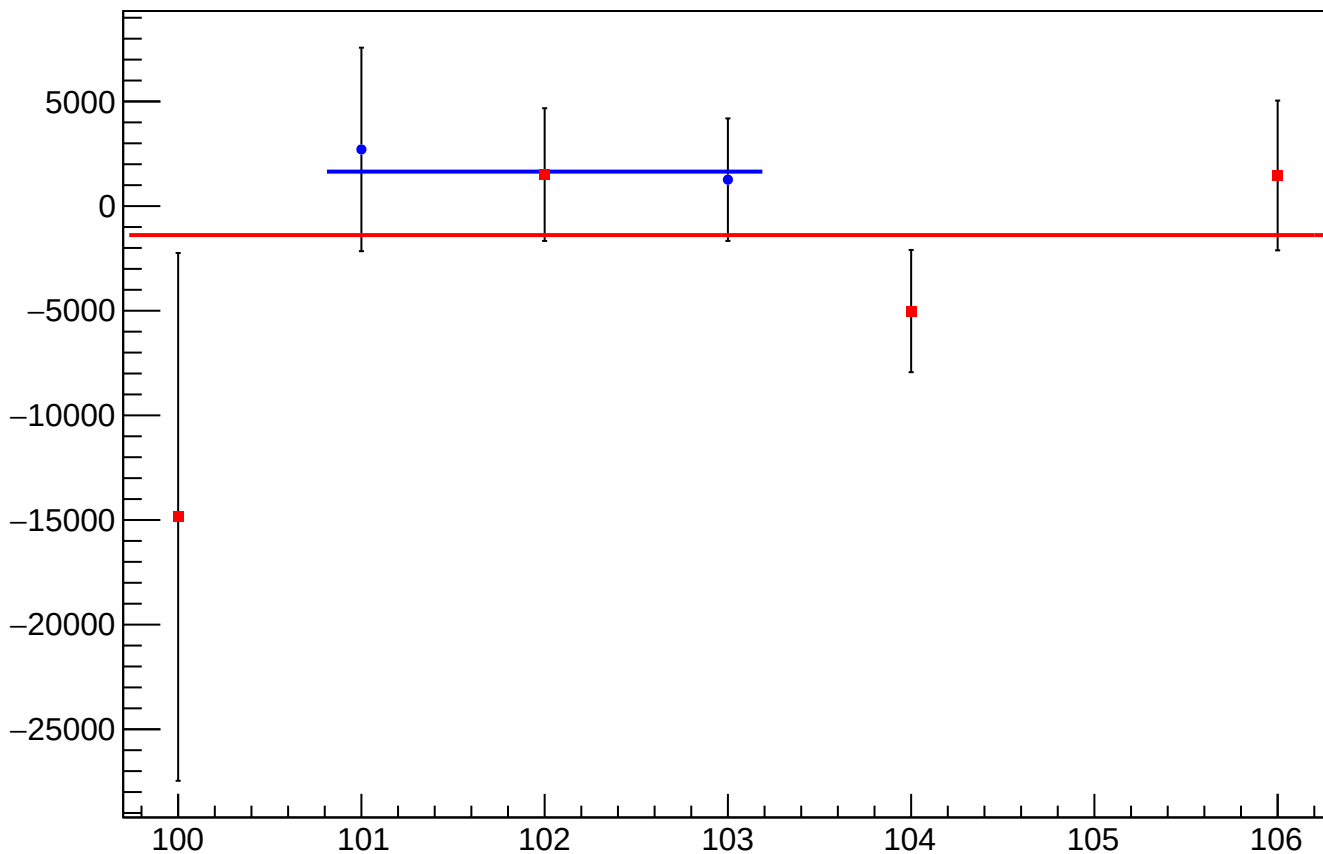
Right: 867.898+/-0.383 χ^2/NDF : 208368.5/5

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.898+/-0.383 χ^2/NDF : 208368.5/5

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1386.199 $\pm$ 1822.477 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

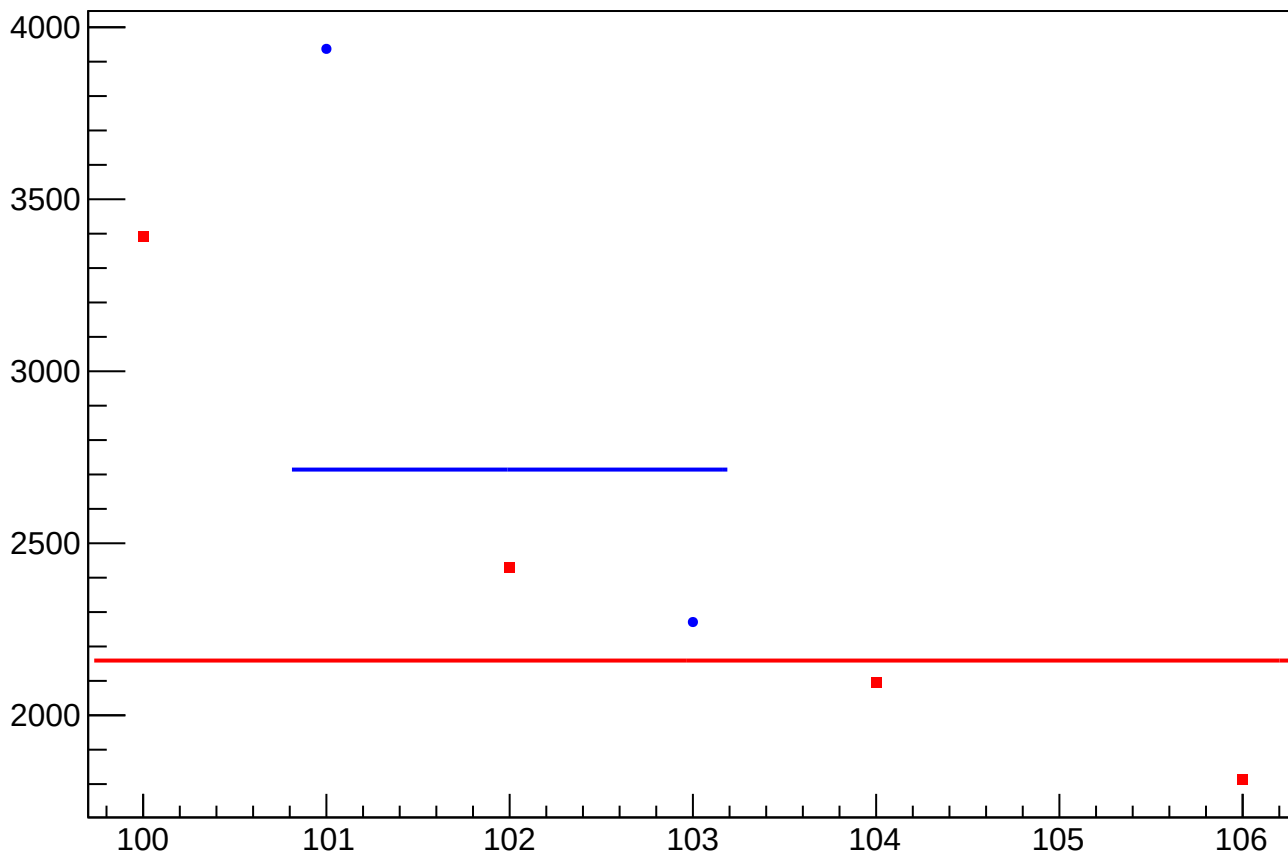
Right: -337.459 $\pm$ 1474.254 χ^2 /NDF: 5.2/5

In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -337.459 $\pm$ 1474.254 χ^2 /NDF: 5.2/5

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2159.105+/-1.289 χ^2/NDF : 53502.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

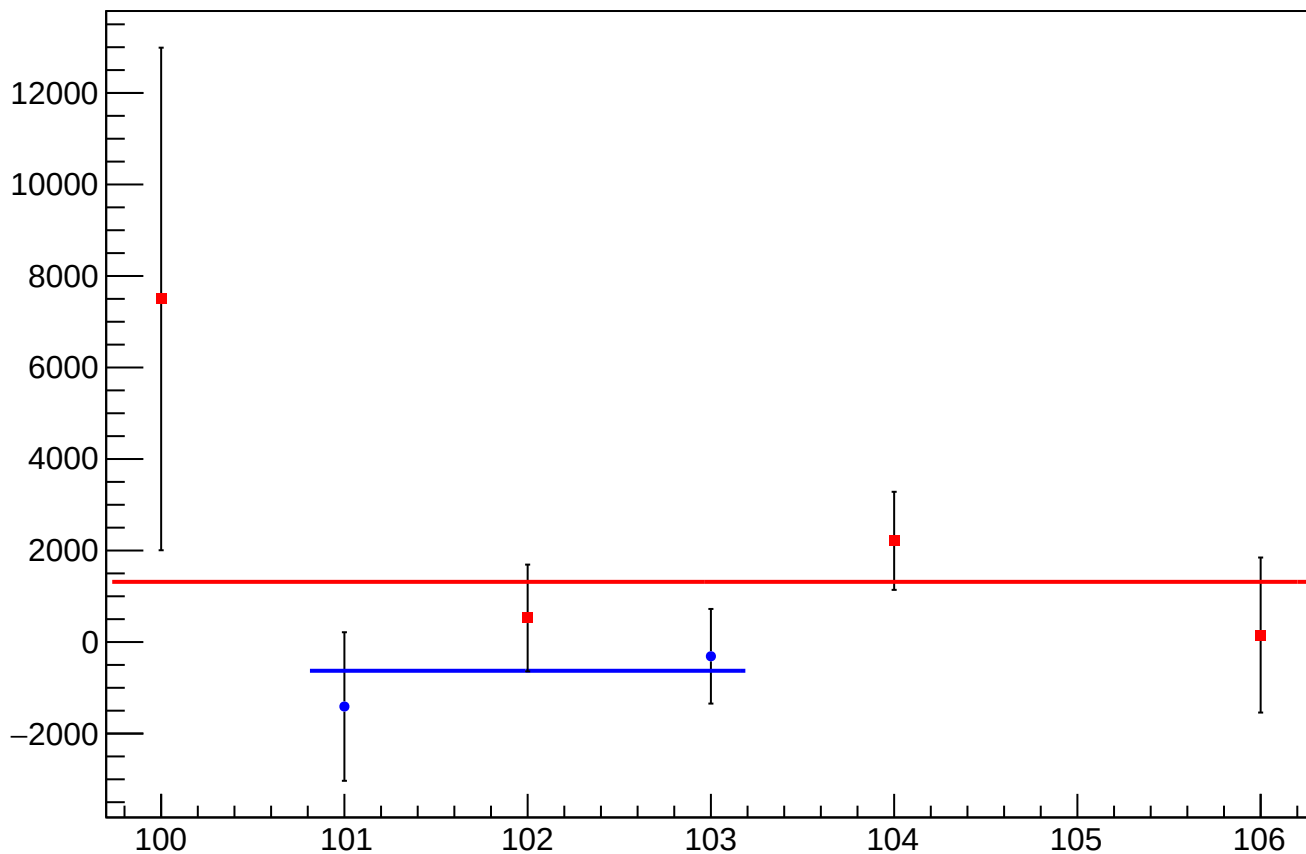
Right: 2350.978+/-1.042 χ^2/NDF : 290021.8/5

In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2350.978+/-1.042 χ^2/NDF : 290021.8/5

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.610+/-709.377 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

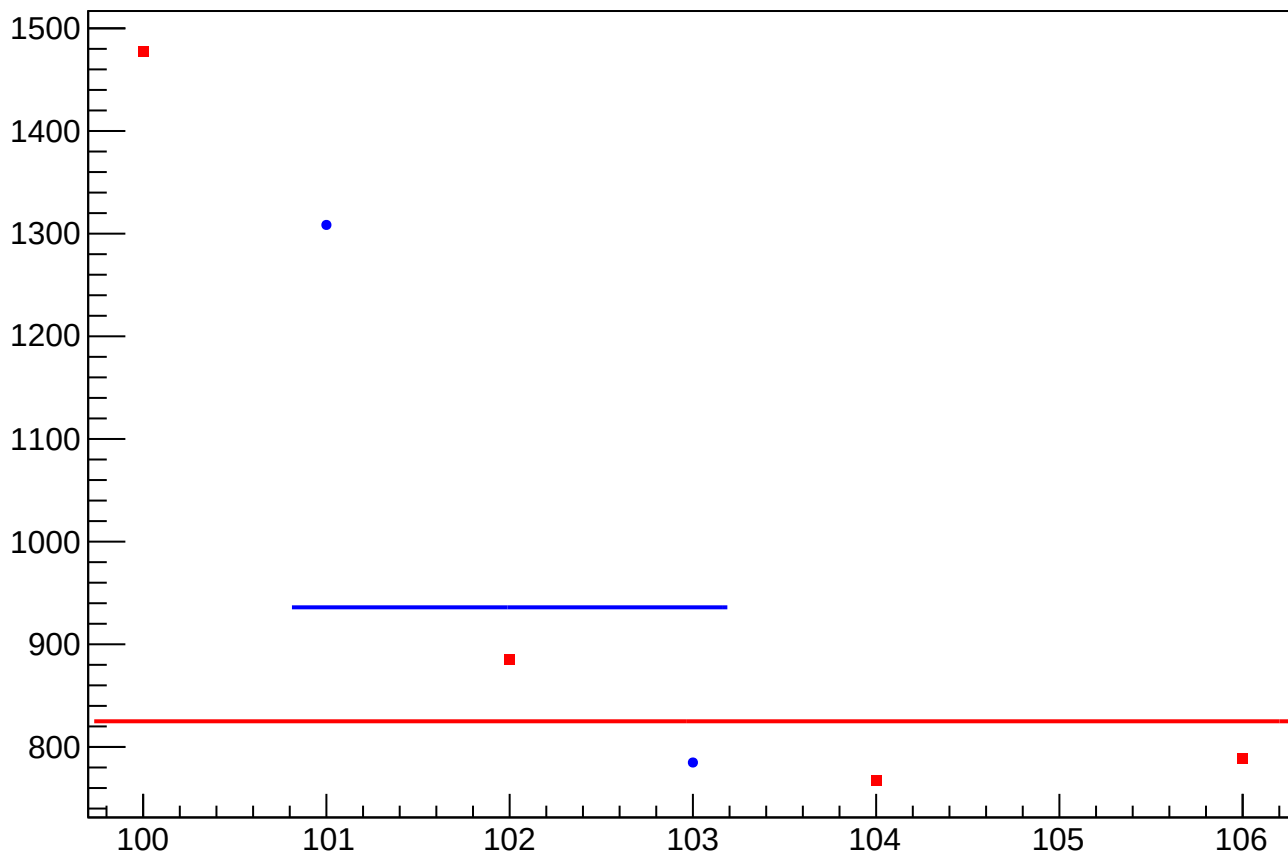
Right: 541.780+/-550.325 χ^2/NDF : 6.2/5

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.780+/-550.325 χ^2/NDF : 6.2/5

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.002+/-0.489 χ^2/NDF : 40441.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

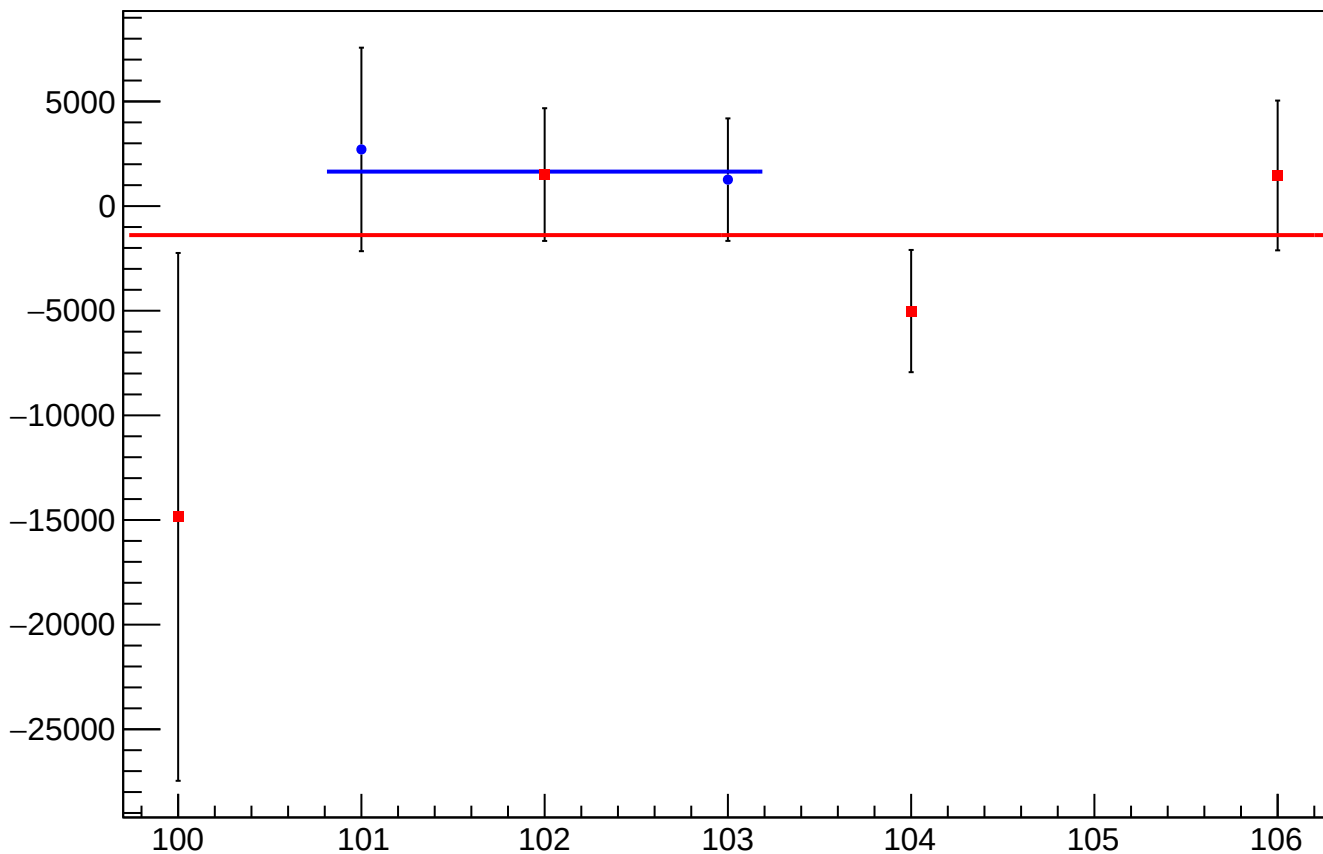
Right: 867.898+/-0.383 χ^2/NDF : 208368.5/5

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.898+/-0.383 χ^2/NDF : 208368.5/5

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1386.199 $\pm$ 1822.477 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

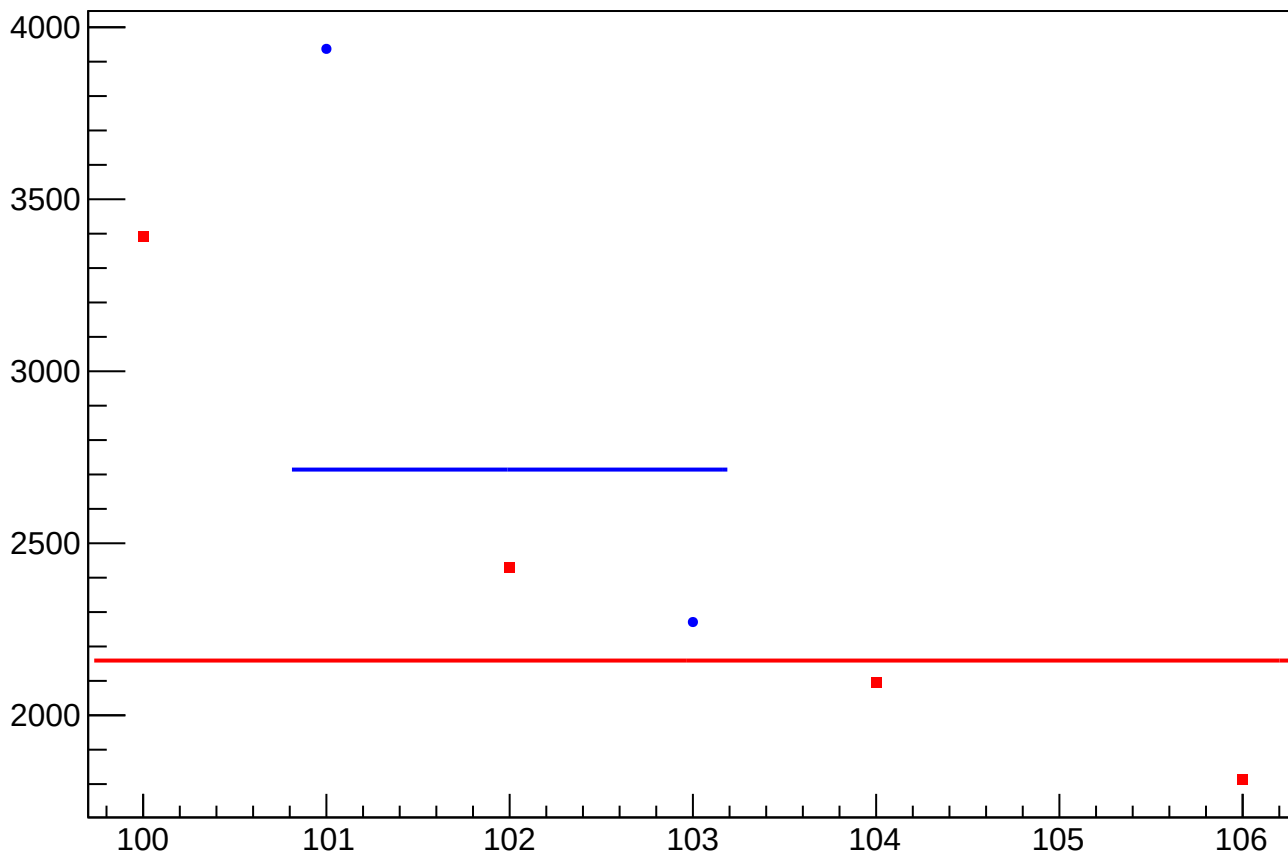
Right: -337.459 $\pm$ 1474.254 χ^2 /NDF: 5.2/5

In: 1648.046 $\pm$ 2507.631 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -337.459 $\pm$ 1474.254 χ^2 /NDF: 5.2/5

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2714.236 +/- 1.773 χ^2/NDF : 172381.8/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 2159.105 +/- 1.289 χ^2/NDF : 53502.3/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

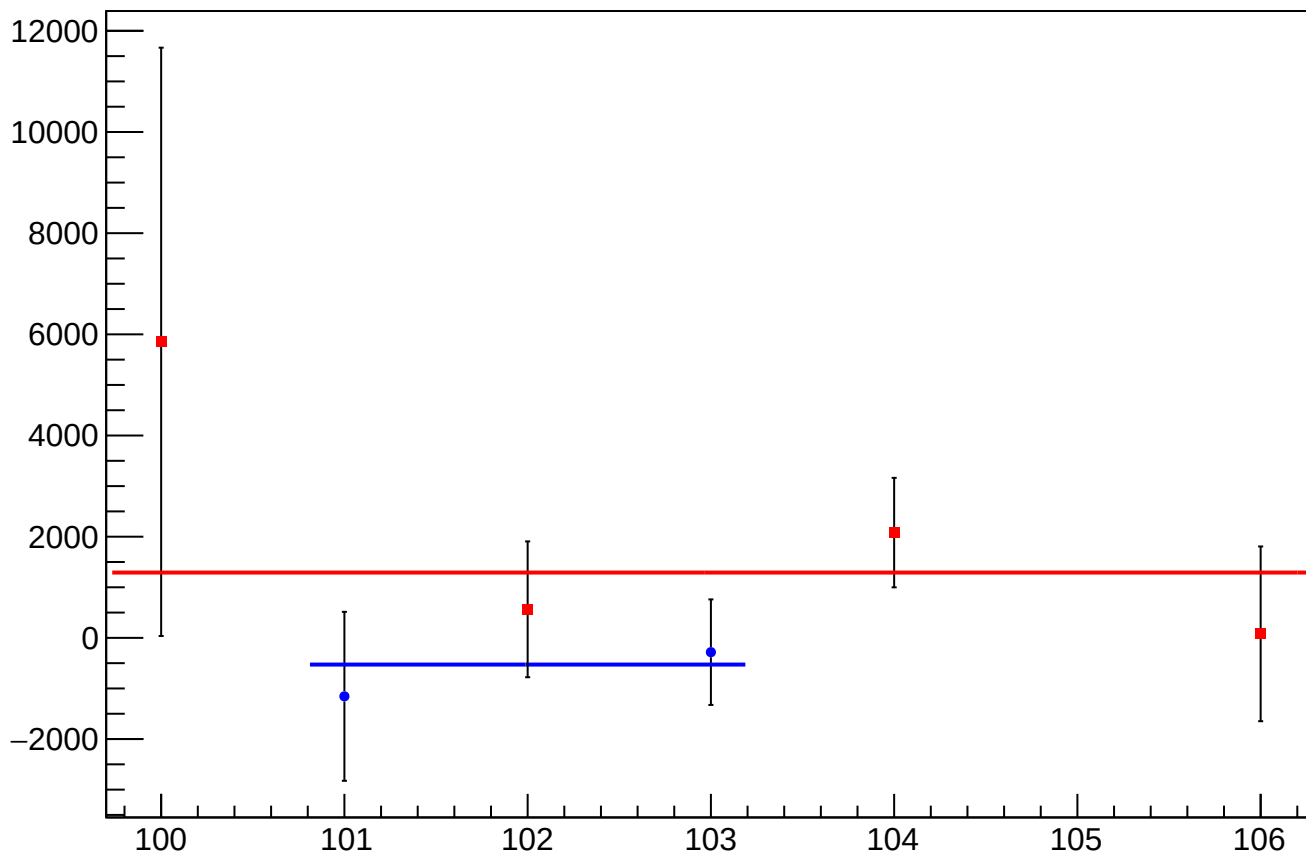
Right: 2350.978 +/- 1.042 χ^2/NDF : 290021.8/5

In: 2714.236 +/- 1.773 χ^2/NDF : 172381.8/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 2350.978 +/- 1.042 χ^2/NDF : 290021.8/5

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.167+/-750.957 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

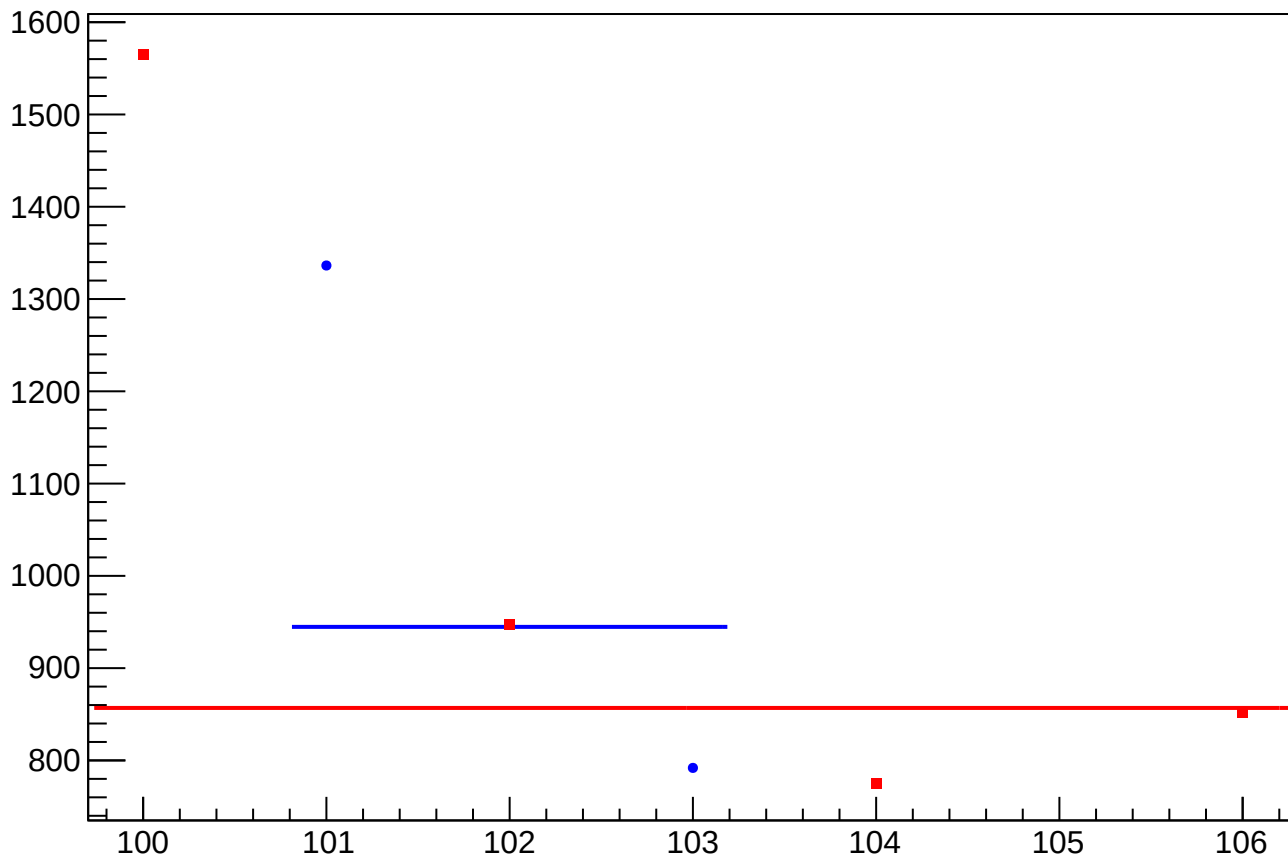
Right: 529.551+/-572.532 χ^2/NDF : 4.6/5

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.551+/-572.532 χ^2/NDF : 4.6/5

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 944.718+/-0.626 χ^2/NDF : 152904.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.872+/-0.528 χ^2/NDF : 50162.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

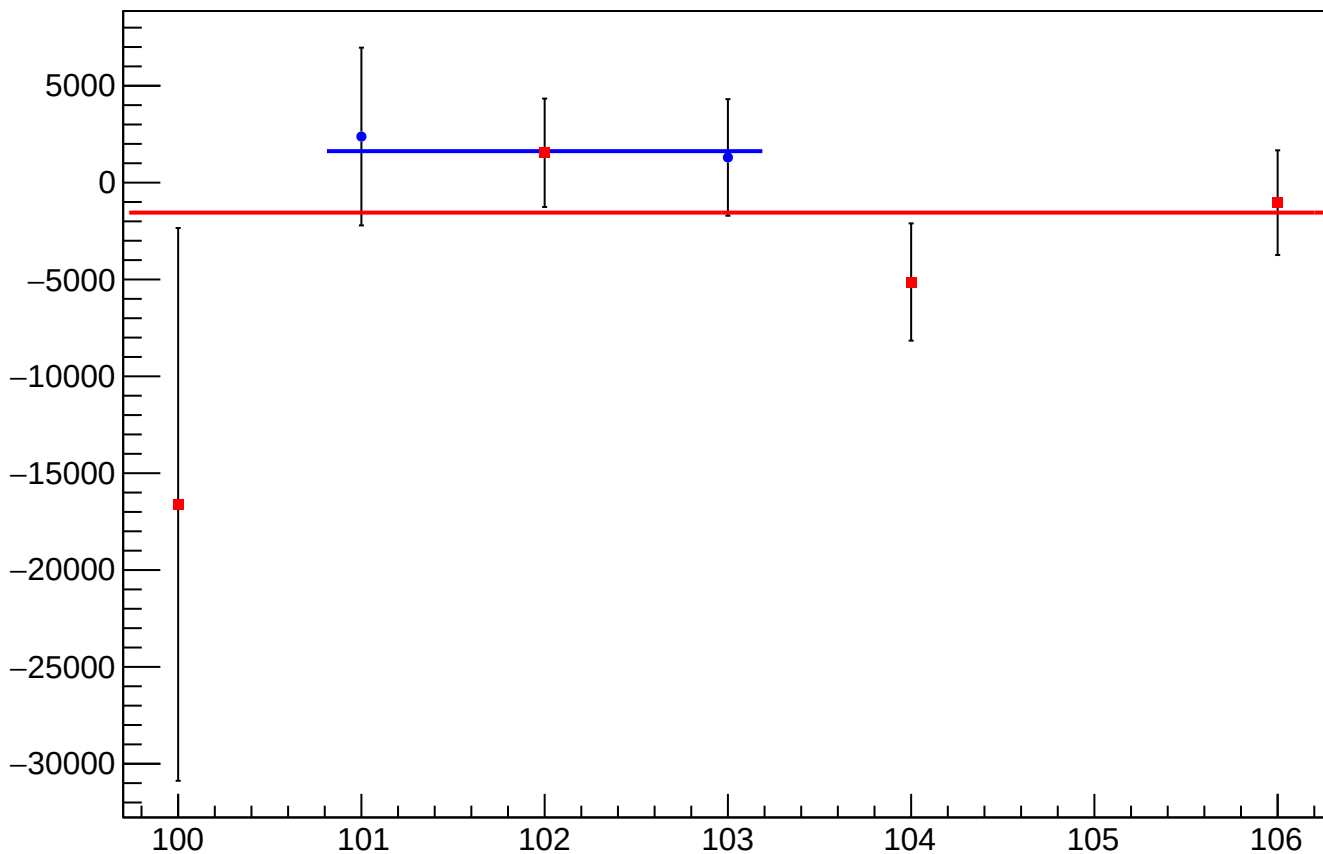
Right: 893.436+/-0.404 χ^2/NDF : 214576.6/5

In: 944.718+/-0.626 χ^2/NDF : 152904.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.436+/-0.404 χ^2/NDF : 214576.6/5

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1624.714+/-2515.756 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1547.962+/-1625.063 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

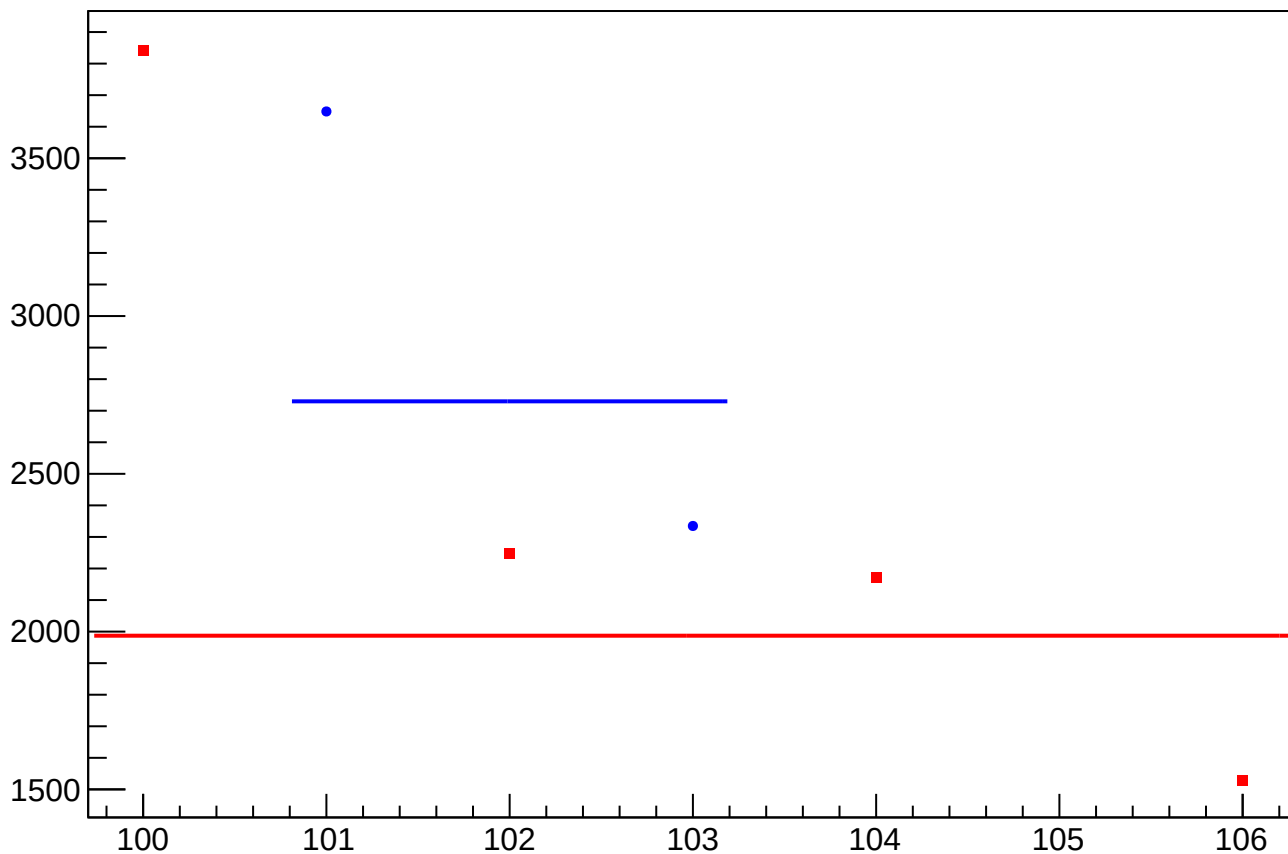
Right: -613.890+/-1365.041 χ^2/NDF : 4.9/5

In: 1624.714+/-2515.756 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -613.890+/-1365.041 χ^2/NDF : 4.9/5

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2729.716+/-1.779 χ^2/NDF : 114644.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.027+/-1.149 χ^2/NDF : 116081.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

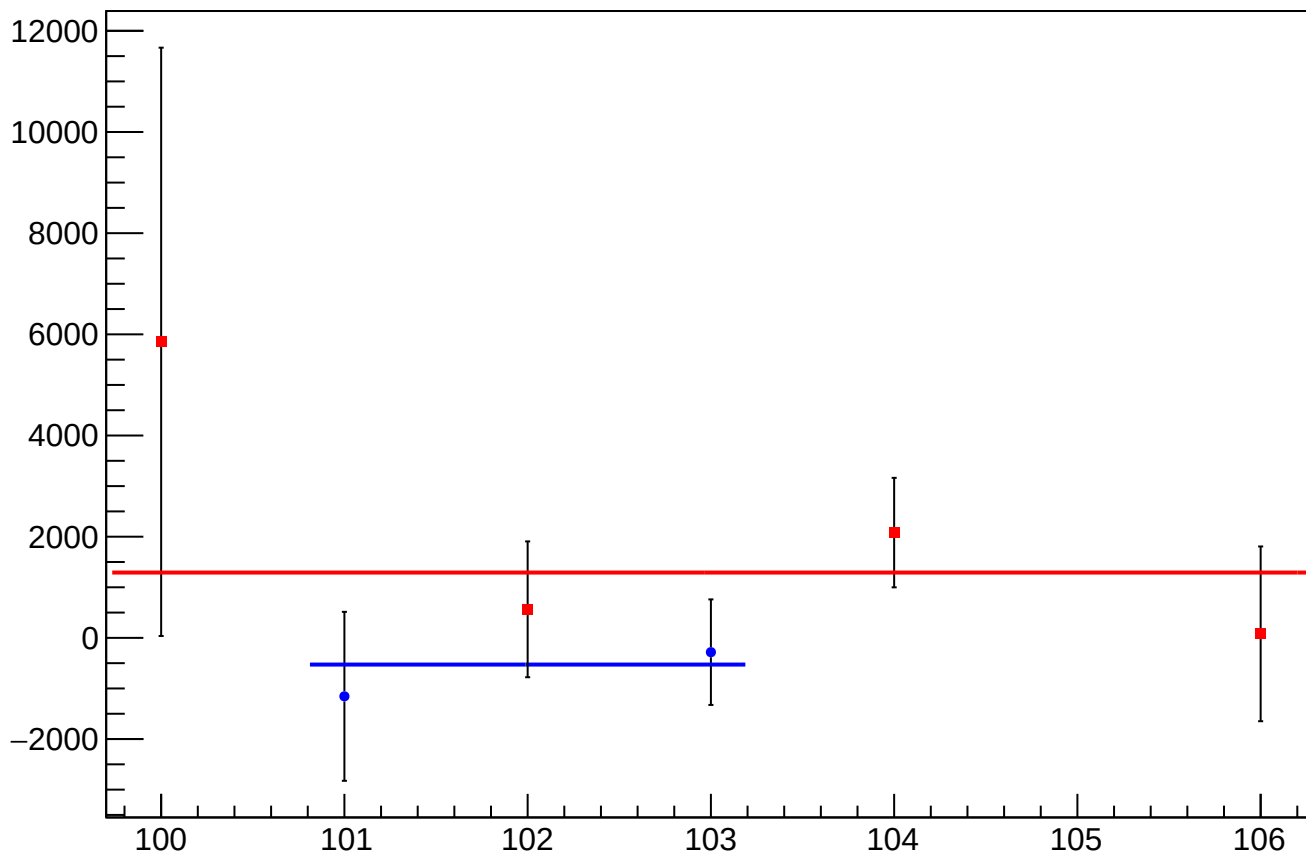
Right: 2205.683+/-0.965 χ^2/NDF : 353712.6/5

In: 2729.716+/-1.779 χ^2/NDF : 114644.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.683+/-0.965 χ^2/NDF : 353712.6/5

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1291.163+/-750.957 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

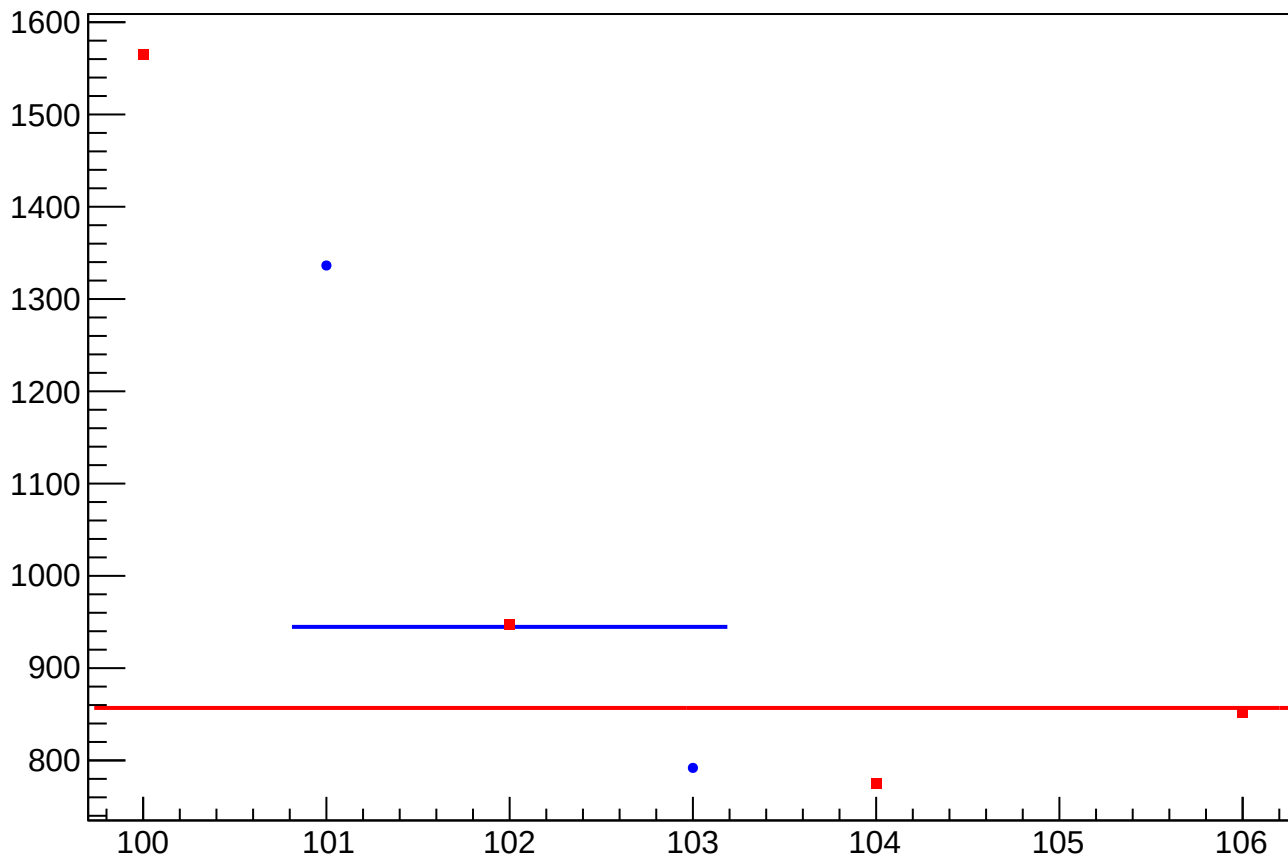
Right: 529.548+/-572.532 χ^2/NDF : 4.6/5

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.548+/-572.532 χ^2/NDF : 4.6/5

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 944.718+/-0.626 χ^2/NDF : 152904.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.872+/-0.528 χ^2/NDF : 50162.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

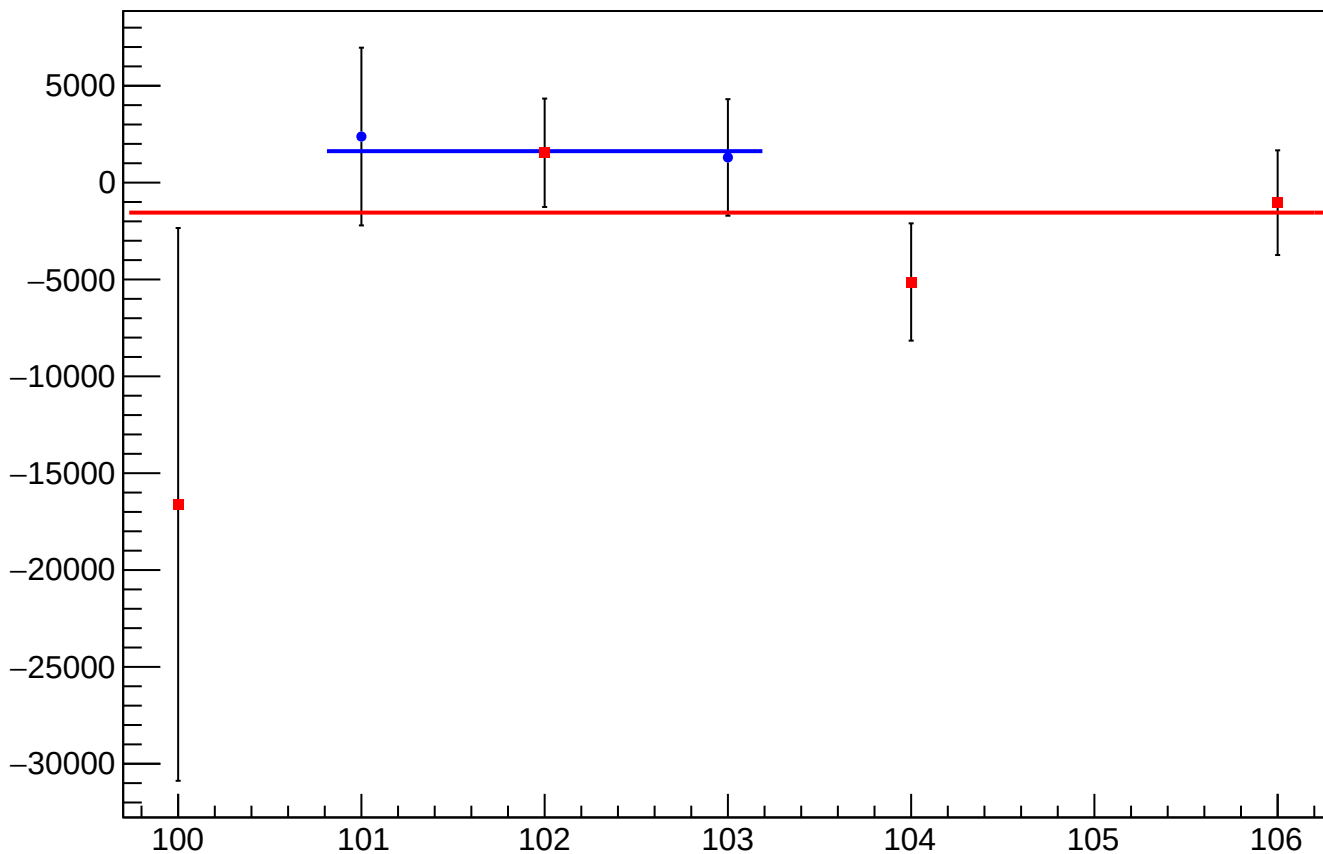
Right: 893.437+/-0.404 χ^2/NDF : 214576.3/5

In: 944.718+/-0.626 χ^2/NDF : 152904.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.437+/-0.404 χ^2/NDF : 214576.3/5

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1624.715+/-2515.756 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1547.964+/-1625.060 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

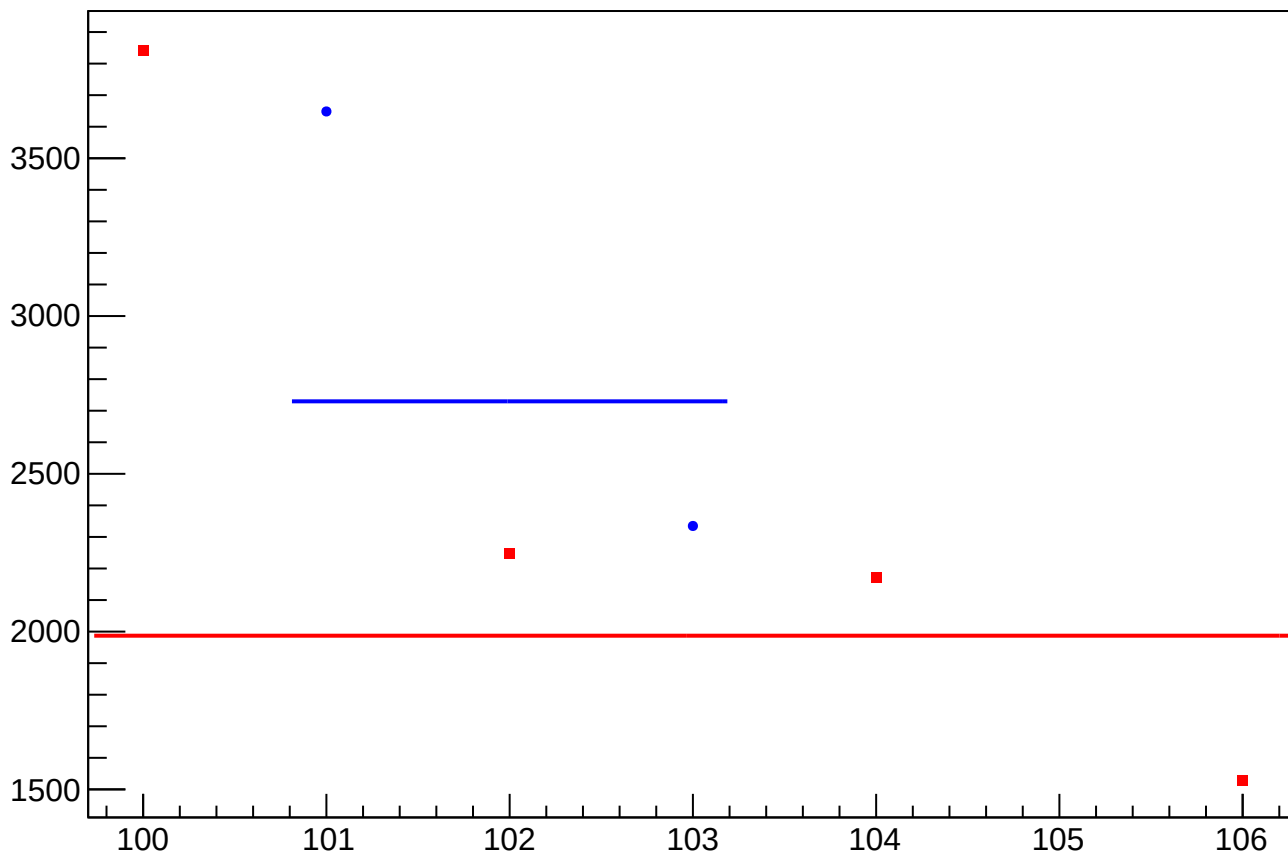
Right: -613.893+/-1365.040 χ^2/NDF : 4.9/5

In: 1624.715+/-2515.756 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -613.893+/-1365.040 χ^2/NDF : 4.9/5

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2729.717+/-1.779 χ^2/NDF : 114643.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.023+/-1.149 χ^2/NDF : 116084.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

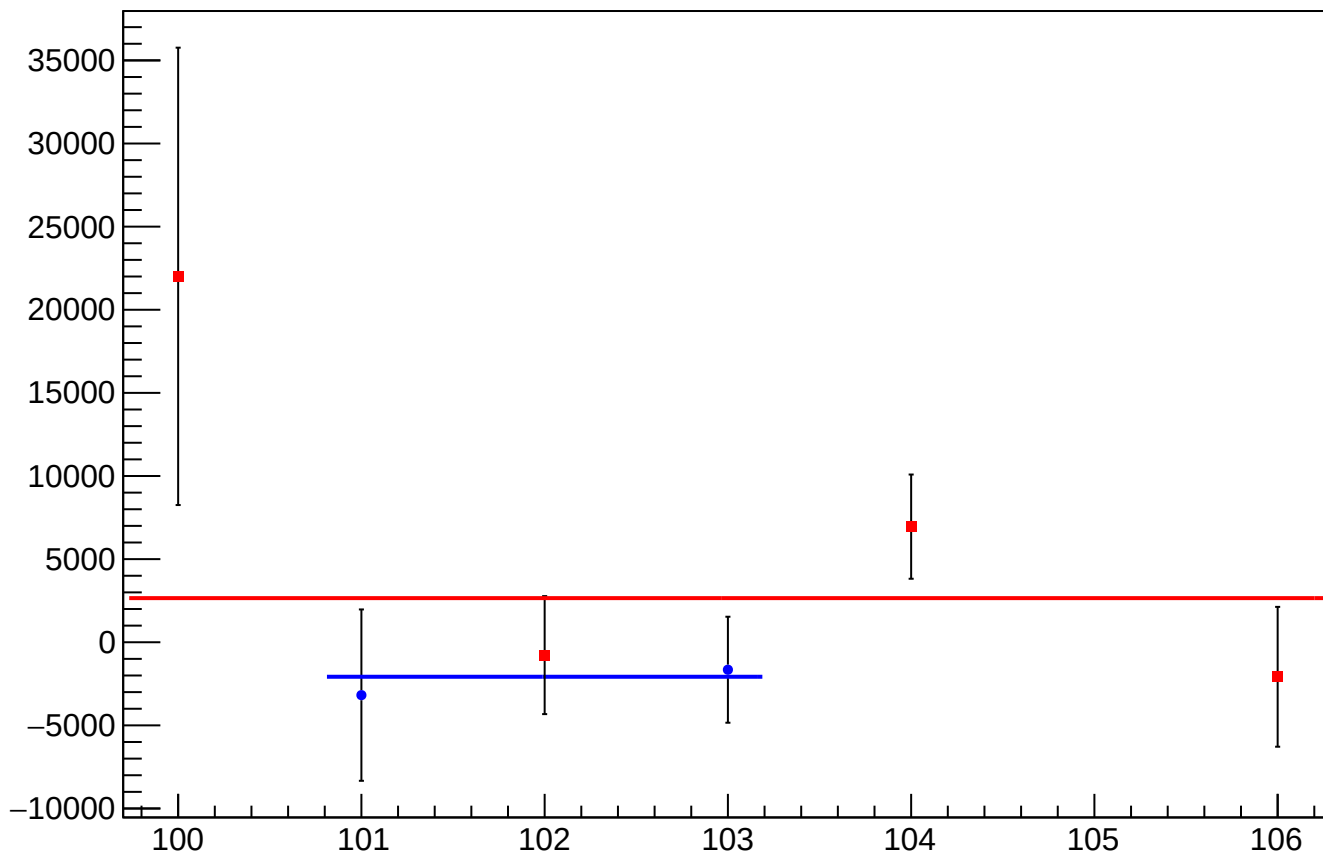
Right: 2205.680+/-0.965 χ^2/NDF : 353716.5/5

In: 2729.717+/-1.779 χ^2/NDF : 114643.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2205.680+/-0.965 χ^2/NDF : 353716.5/5

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -2075.707+/-2711.076 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2654.230+/-2028.736 χ^2/NDF : 6.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

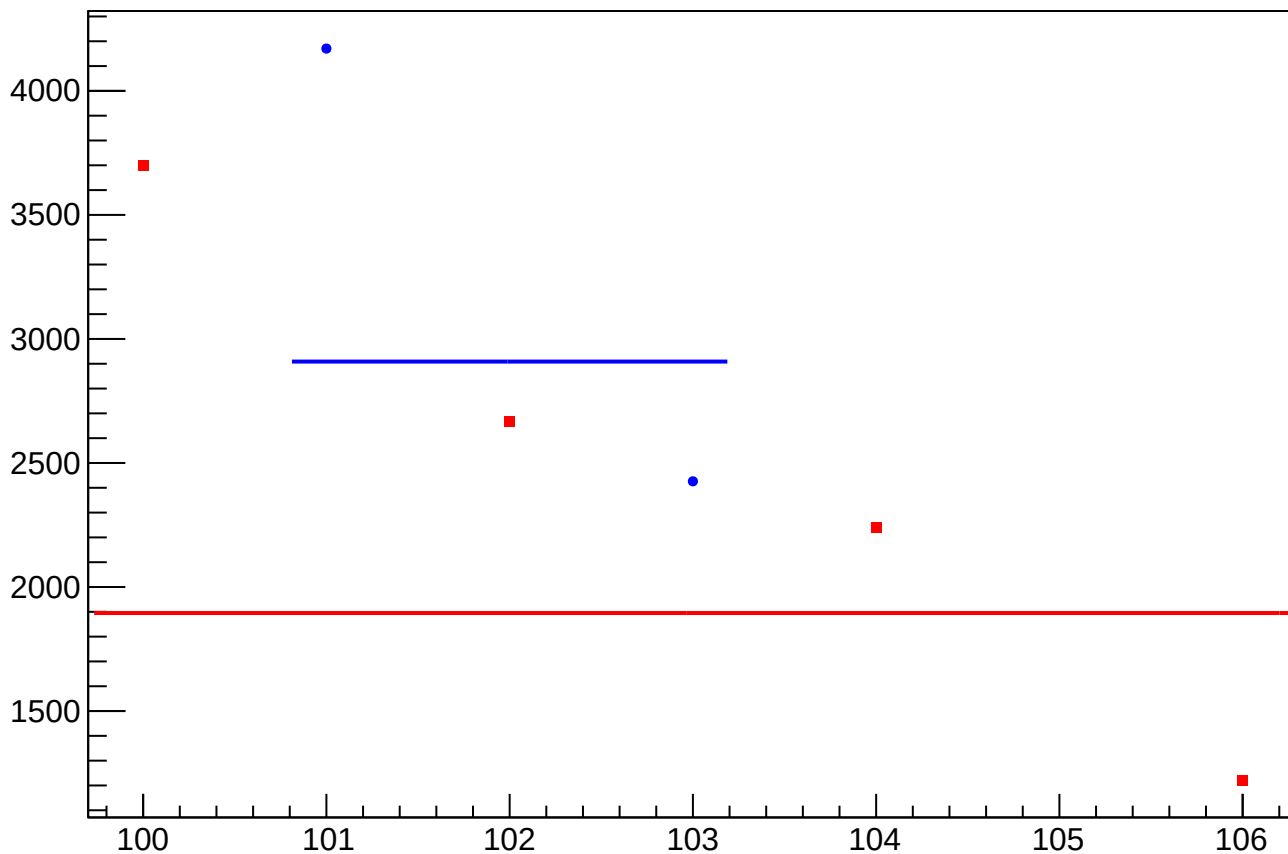
Right: 956.355+/-1624.302 χ^2/NDF : 8.1/5

In: -2075.707+/-2711.076 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.355+/-1624.302 χ^2/NDF : 8.1/5

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2908.787+/-1.917 χ^2/NDF : 165731.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.209+/-1.207 χ^2/NDF : 296342.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

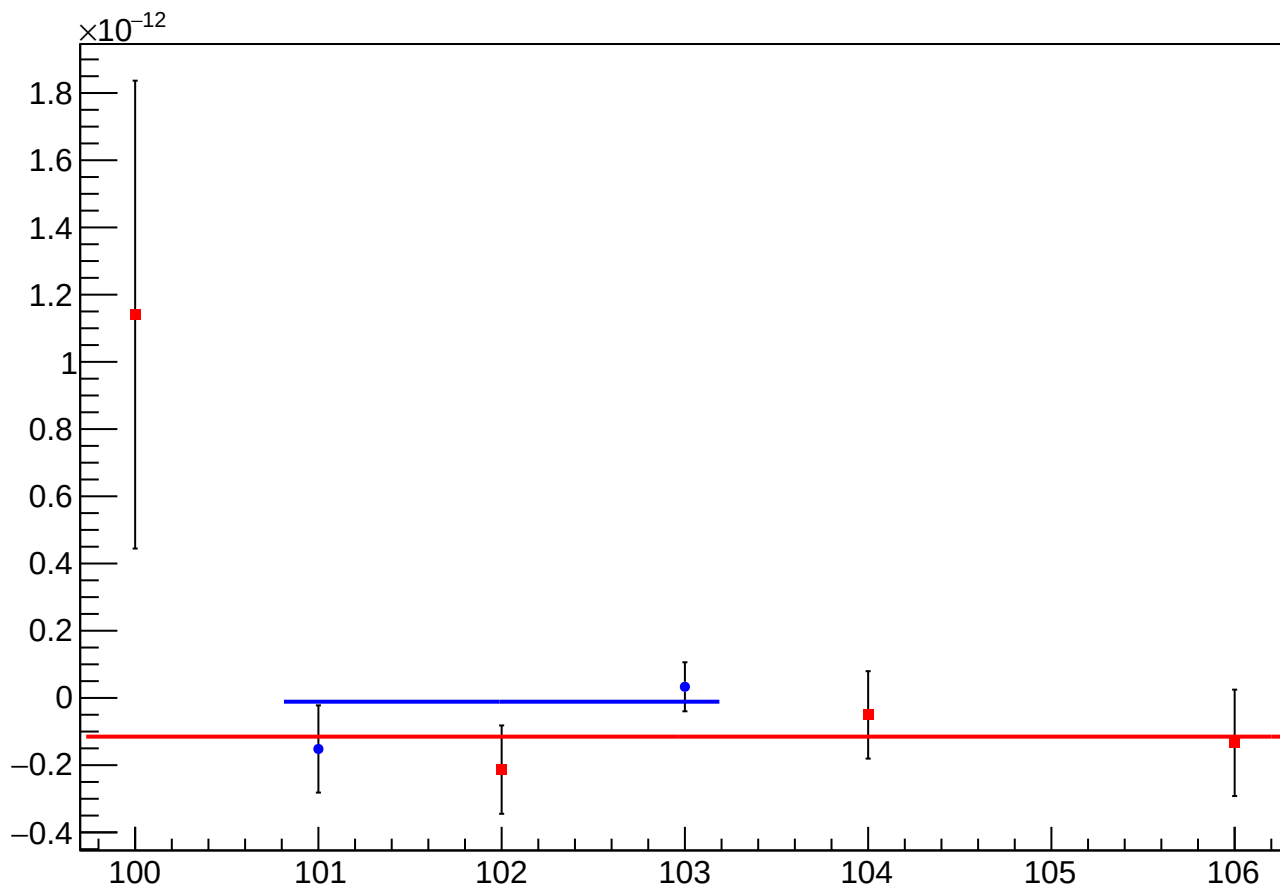
Right: 2182.826+/-1.021 χ^2/NDF : 662301.3/5

In: 2908.787+/-1.917 χ^2/NDF : 165731.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.826+/-1.021 χ^2/NDF : 662301.3/5

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

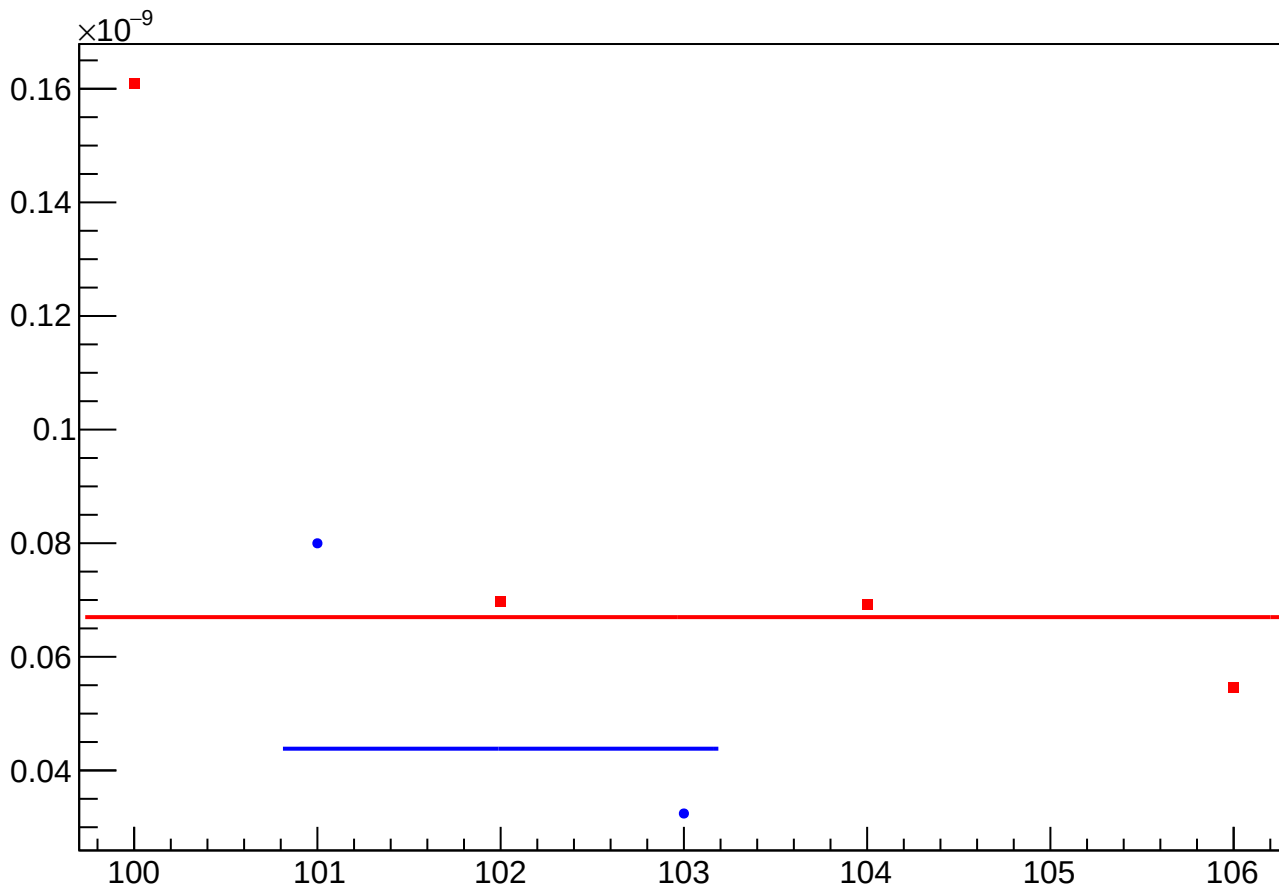
Right: -0.000+/-0.000 χ^2/NDF : 6.7/5

In: -0.000+/-0.000 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/5

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 204248.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 50082.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

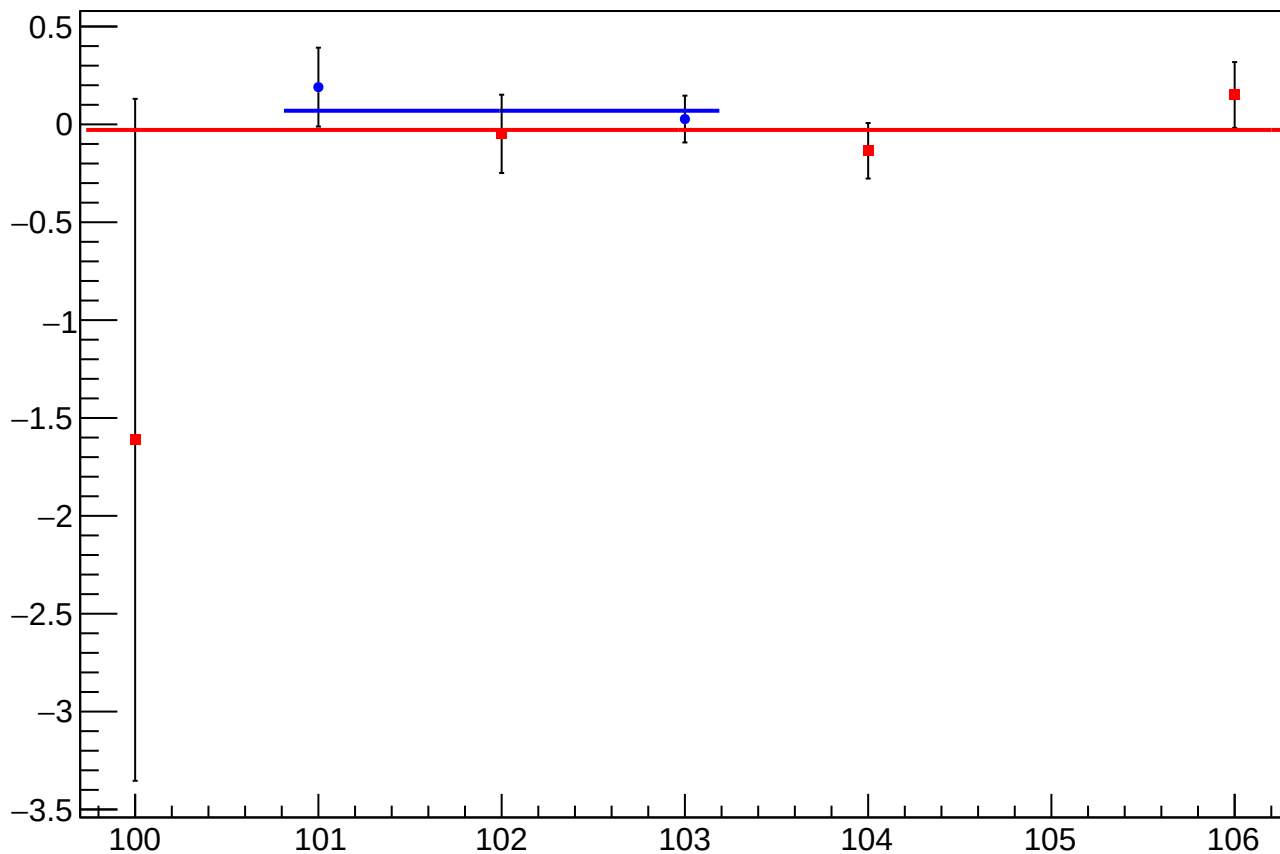
Right: 0.000+/-0.000 χ^2/NDF : 358189.2/5

In: 0.000+/-0.000 χ^2/NDF : 204248.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 358189.2/5

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.028+/-0.095 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

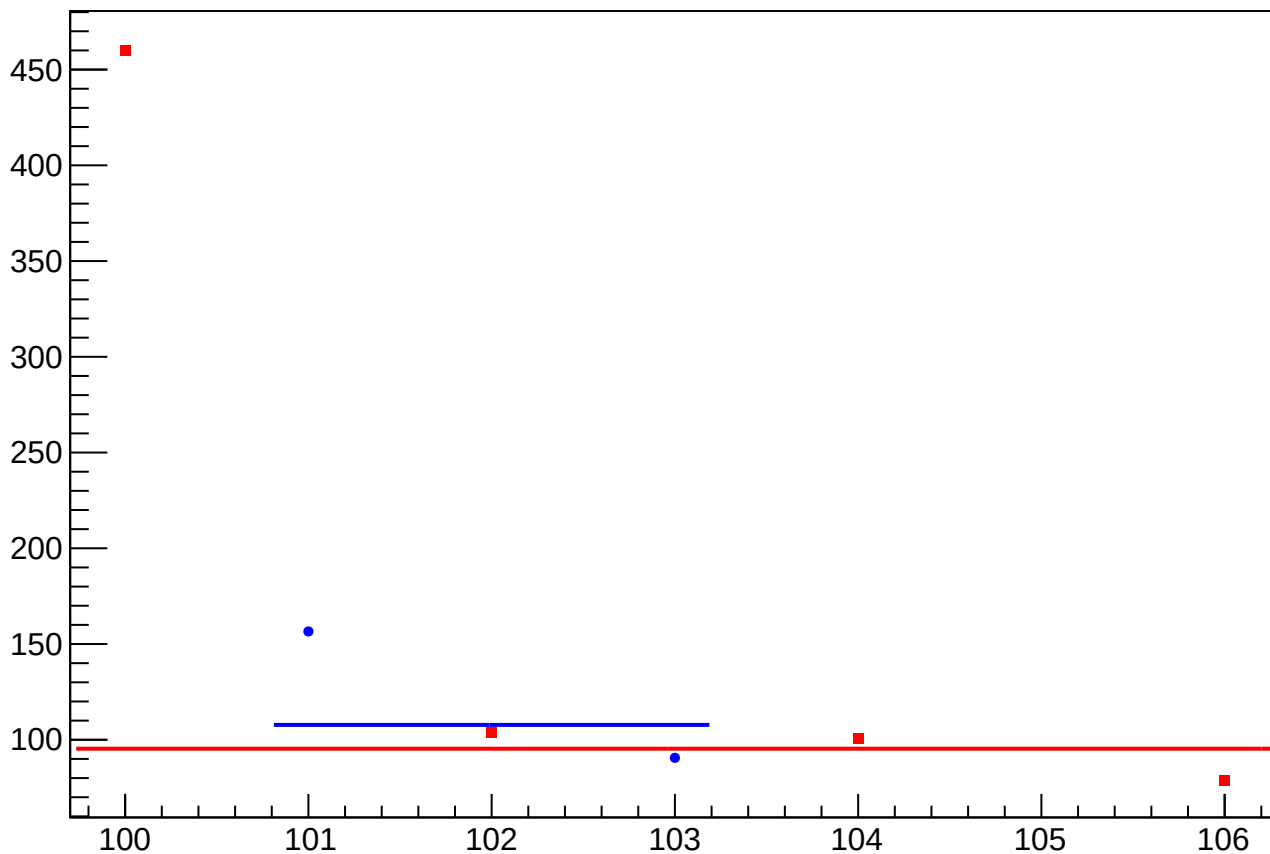
Right: 0.017+/-0.070 χ^2/NDF : 3.5/5

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.070 χ^2/NDF : 3.5/5

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.341+/-0.067 χ^2/NDF : 113562.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

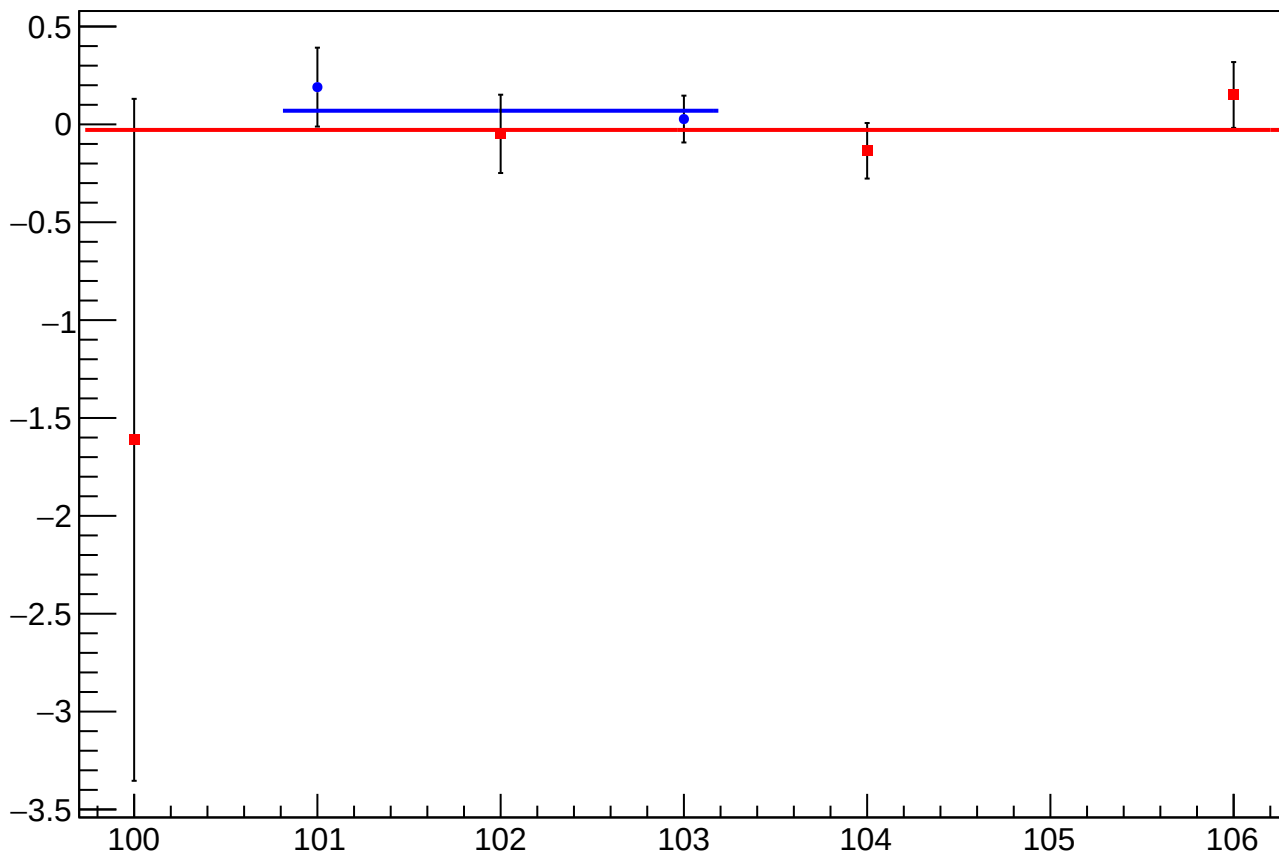
Right: 101.074+/-0.049 χ^2/NDF : 287837.0/5

In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.074+/-0.049 χ^2/NDF : 287837.0/5

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.028+/-0.095 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

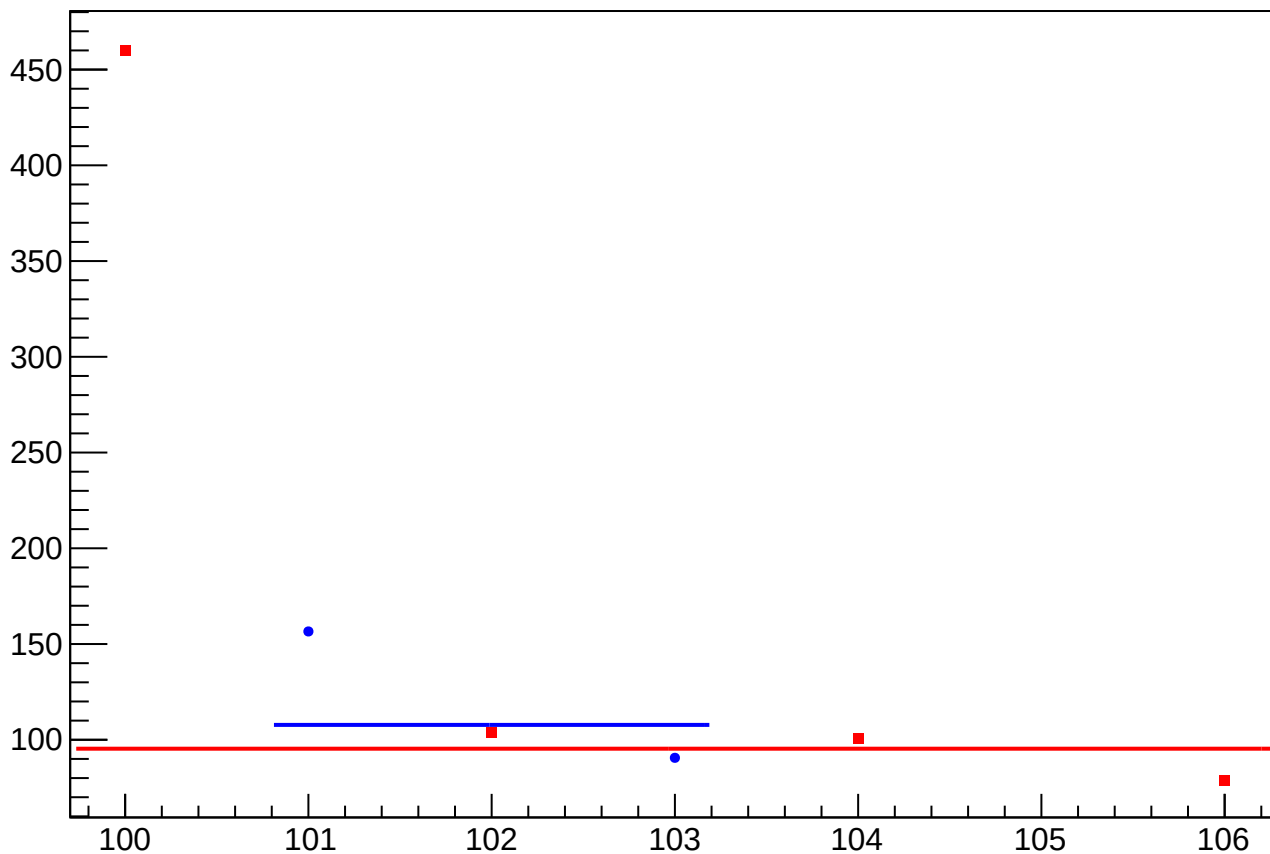
Right: 0.017+/-0.070 χ^2/NDF : 3.5/5

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.070 χ^2/NDF : 3.5/5

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.768 +/- 0.073 χ^2/NDF : 158551.1/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 95.341 +/- 0.067 χ^2/NDF : 113562.2/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

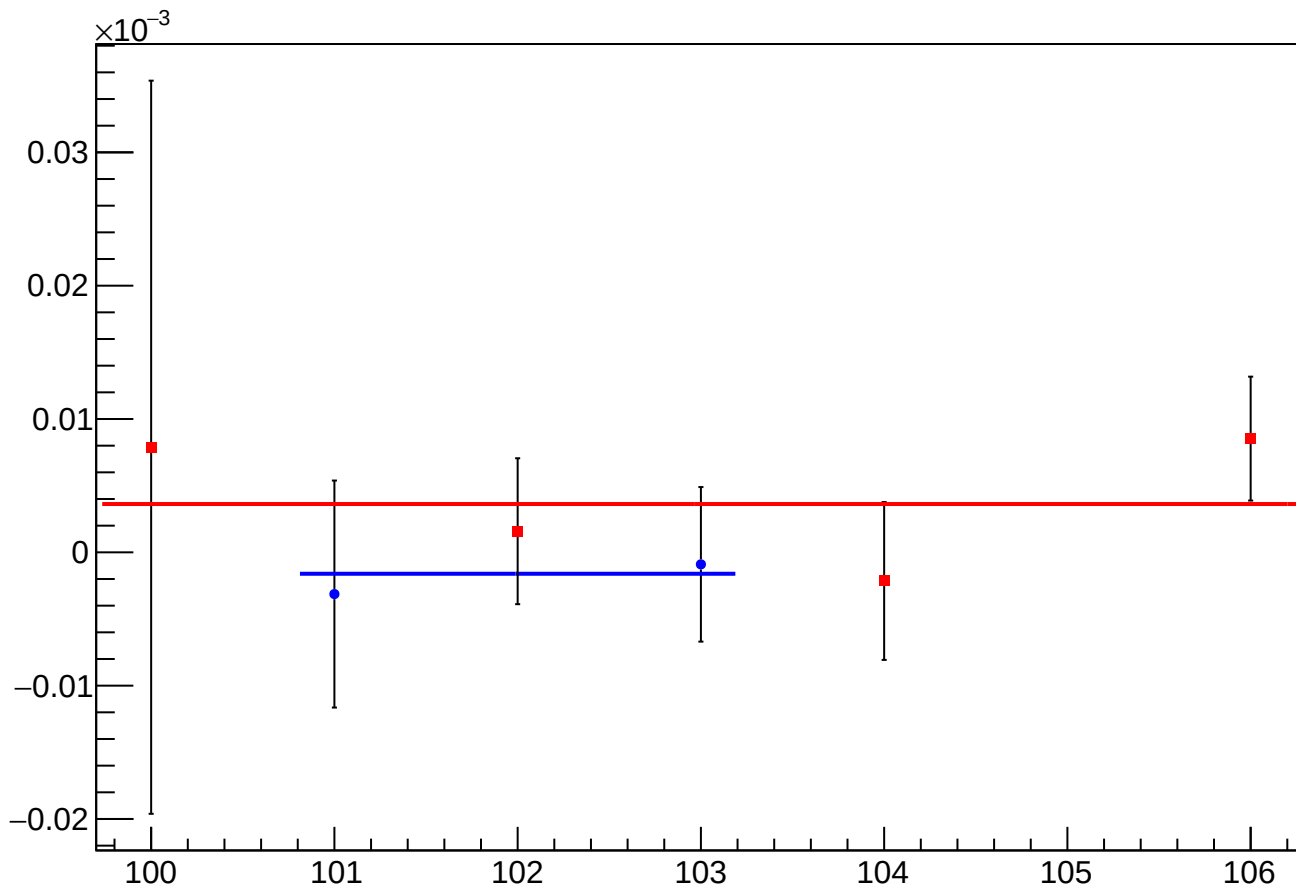
Right: 101.074 +/- 0.049 χ^2/NDF : 287837.0/5

In: 107.768 +/- 0.073 χ^2/NDF : 158551.1/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 101.074 +/- 0.049 χ^2/NDF : 287837.0/5

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

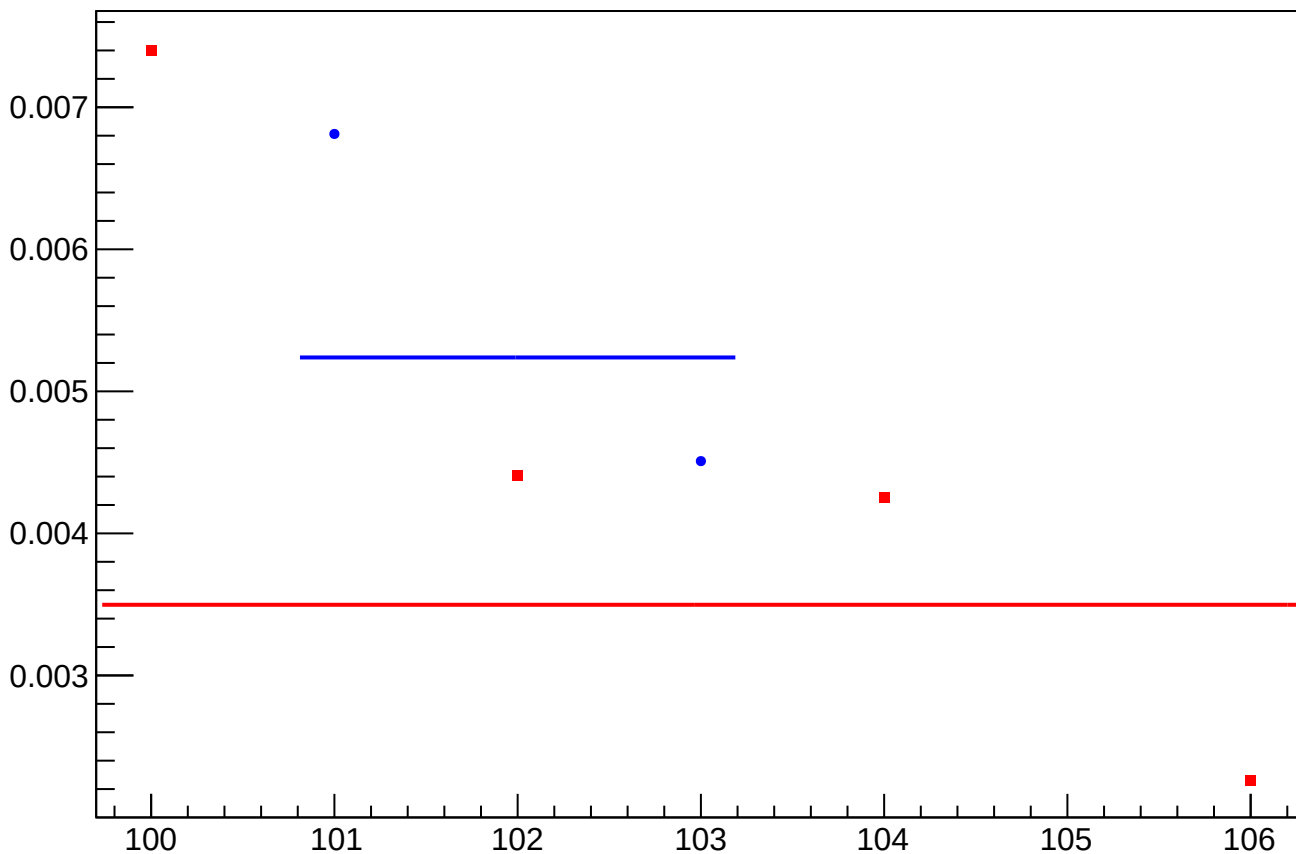
Right: 0.000+/-0.000 χ^2/NDF : 3.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.1/5

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 270077.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

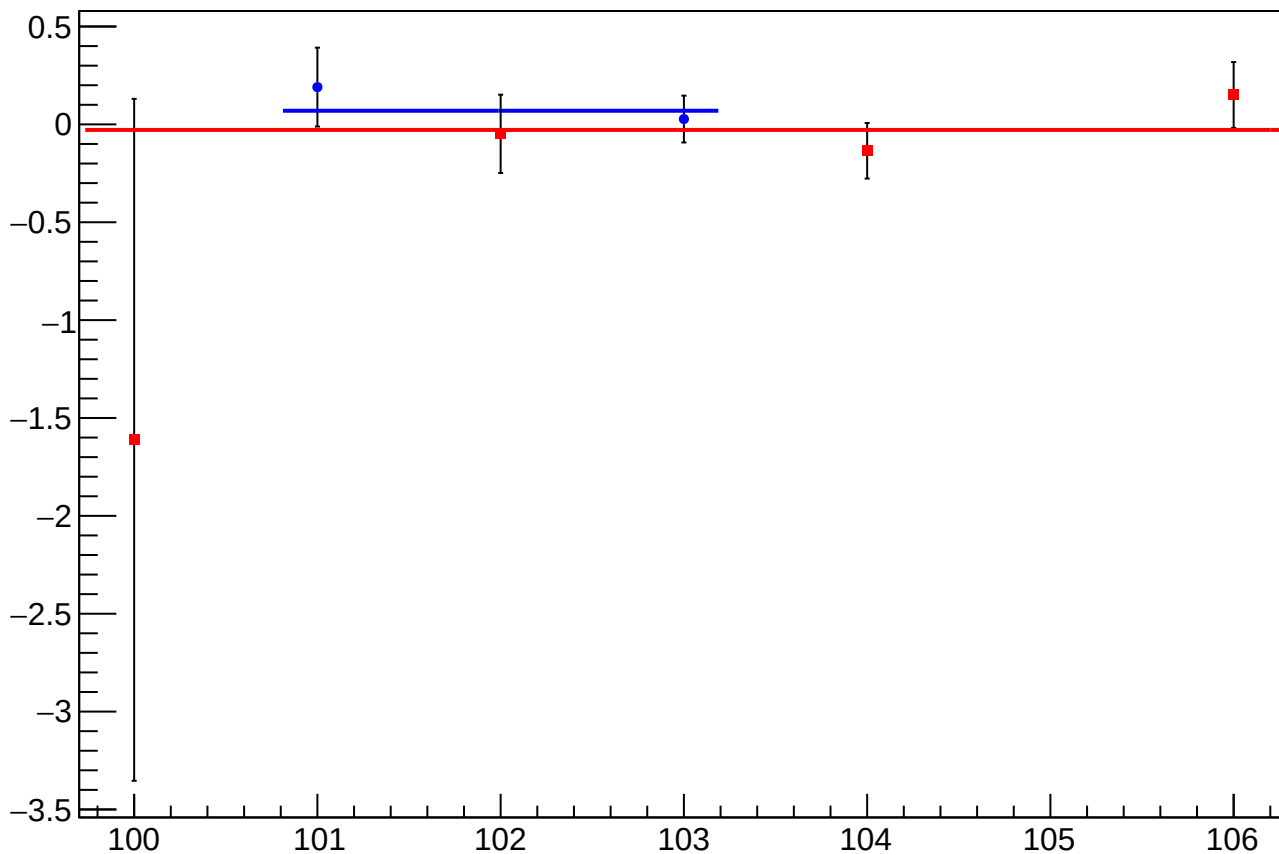
Right: 0.004+/-0.000 χ^2/NDF : 559074.1/5

In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 559074.1/5

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.028+/-0.095 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

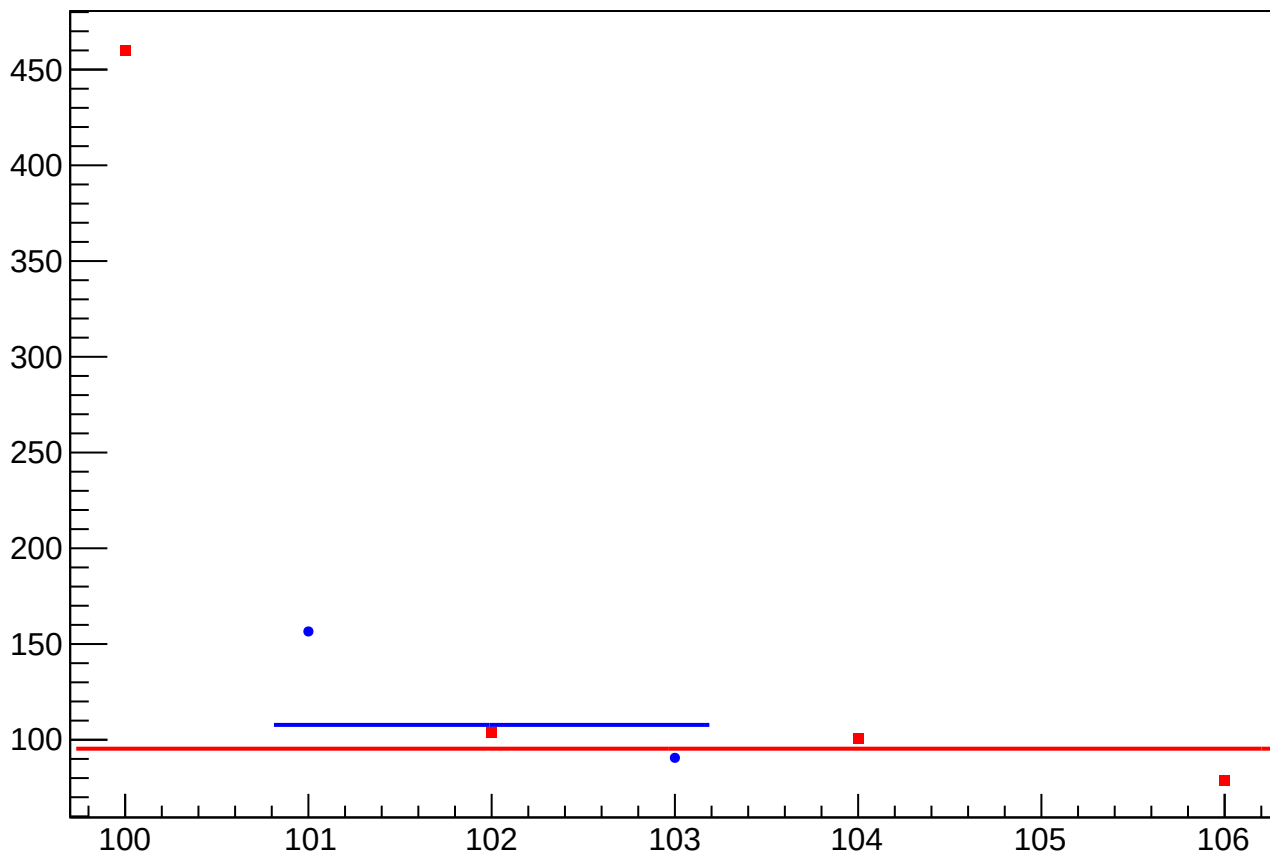
Right: 0.017+/-0.070 χ^2/NDF : 3.5/5

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.070 χ^2/NDF : 3.5/5

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.770 +/- 0.073 χ^2/NDF : 158530.7/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 95.342 +/- 0.067 χ^2/NDF : 113565.7/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

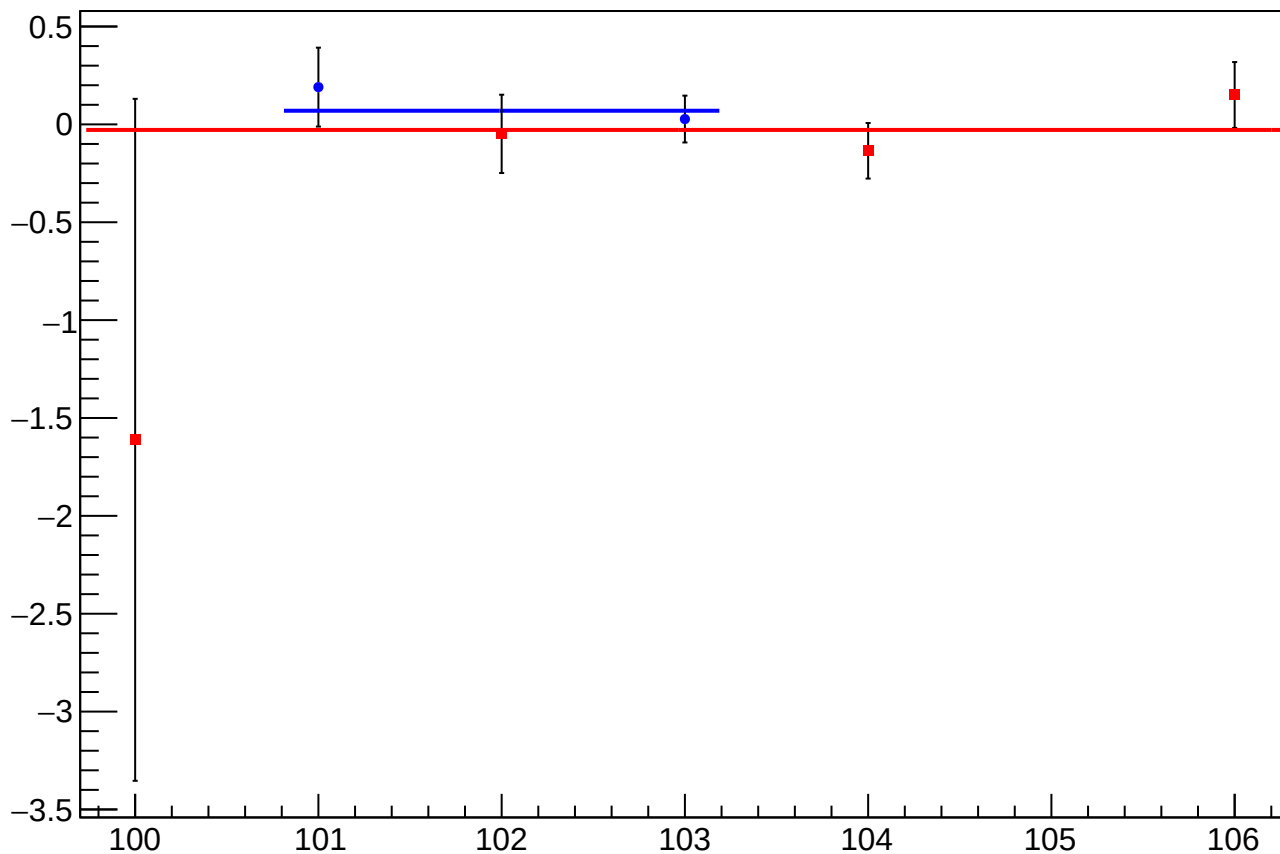
Right: 101.076 +/- 0.049 χ^2/NDF : 287821.2/5

In: 107.770 +/- 0.073 χ^2/NDF : 158530.7/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 101.076 +/- 0.049 χ^2/NDF : 287821.2/5

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.028+/-0.095 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

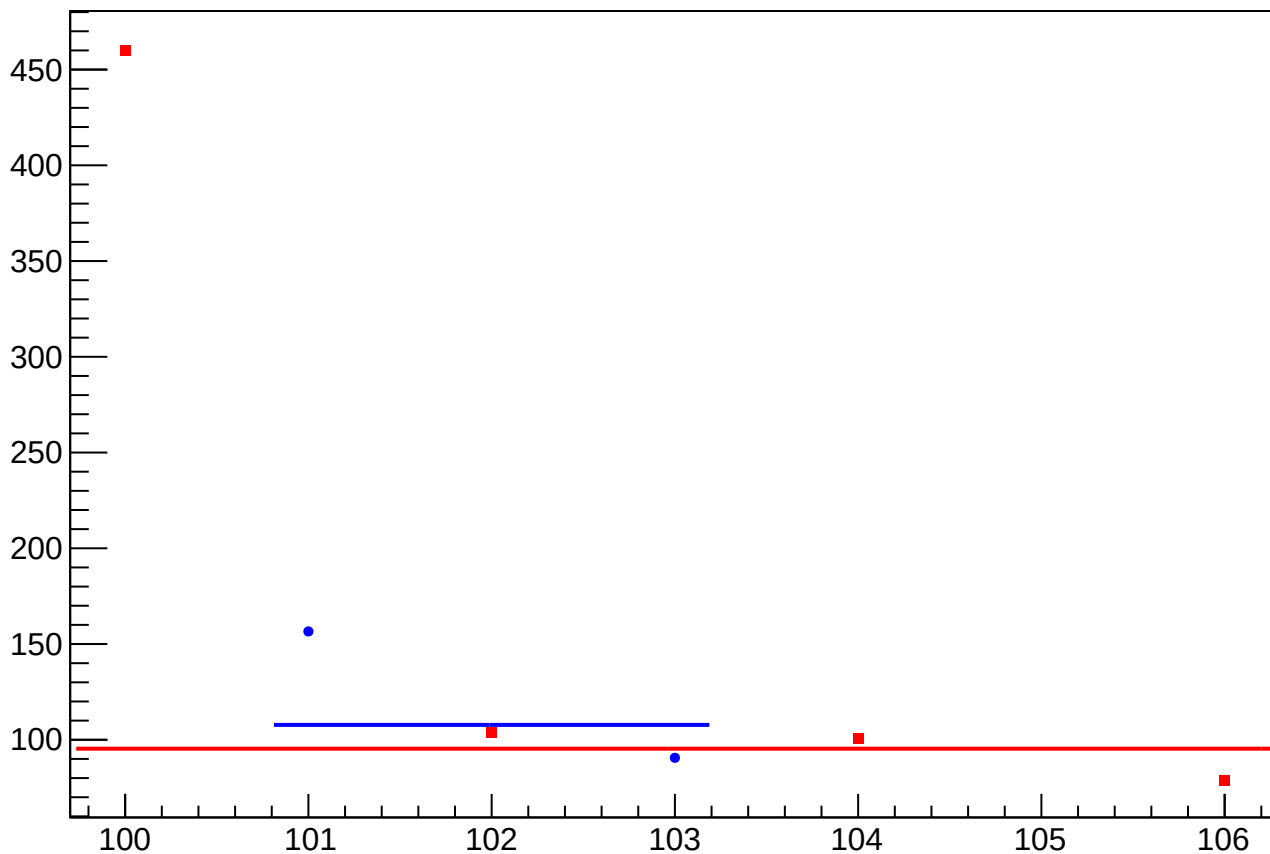
Right: 0.017+/-0.070 χ^2/NDF : 3.5/5

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.070 χ^2/NDF : 3.5/5

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.342+/-0.067 χ^2/NDF : 113565.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

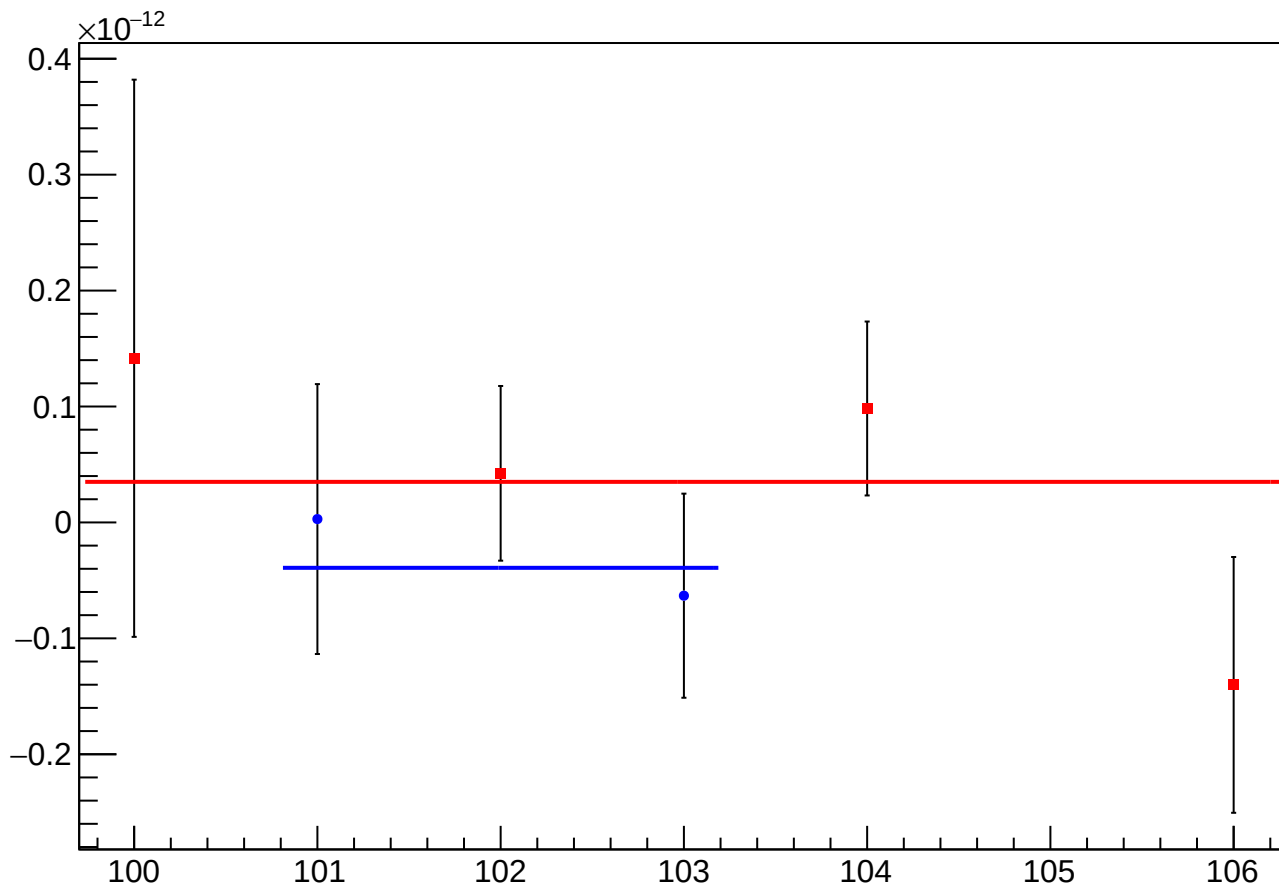
Right: 101.076+/-0.049 χ^2/NDF : 287821.2/5

In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.076+/-0.049 χ^2/NDF : 287821.2/5

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

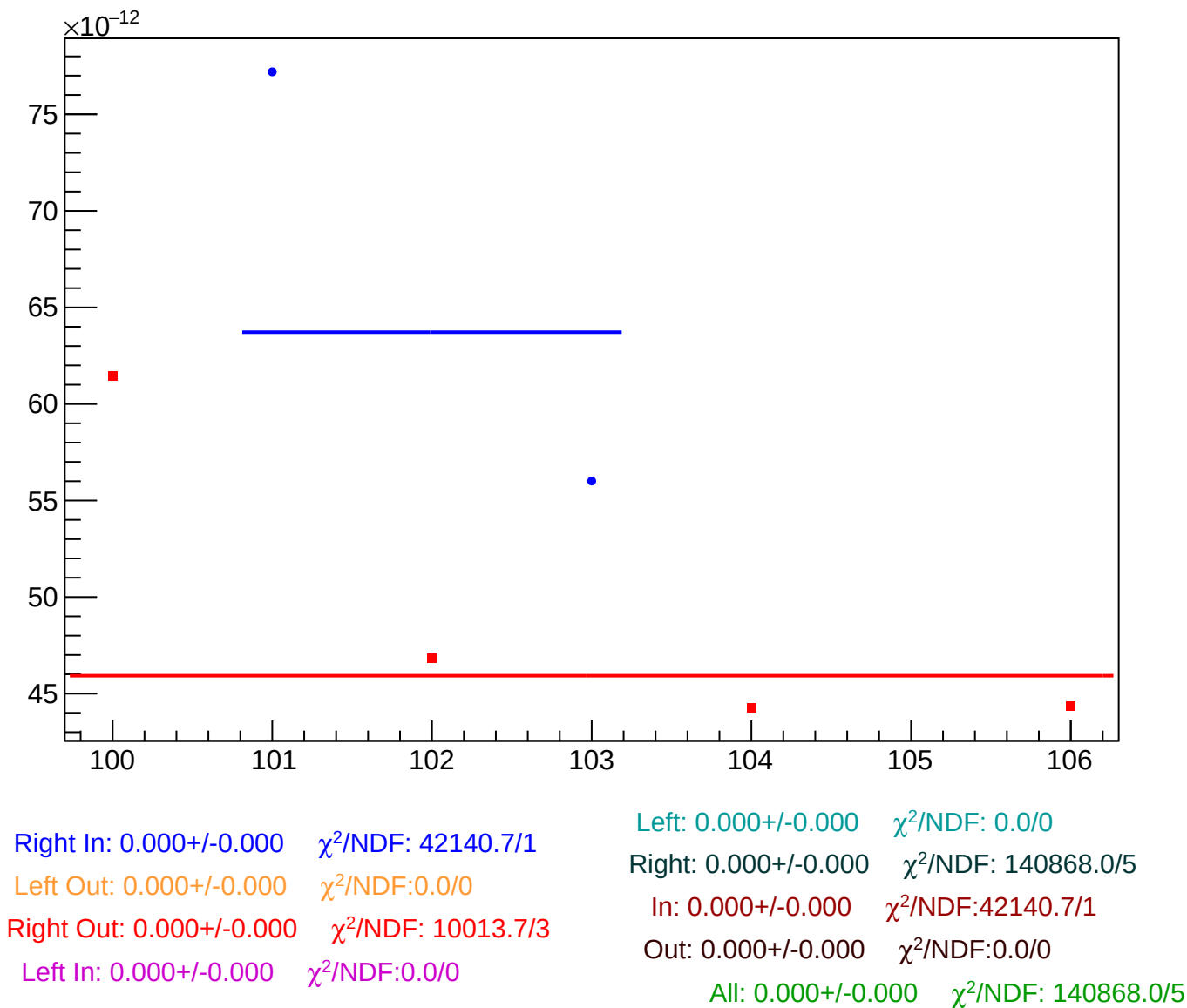
Right: 0.000+/-0.000 χ^2 /NDF: 4.4/5

In: -0.000+/-0.000 χ^2 /NDF:0.2/1

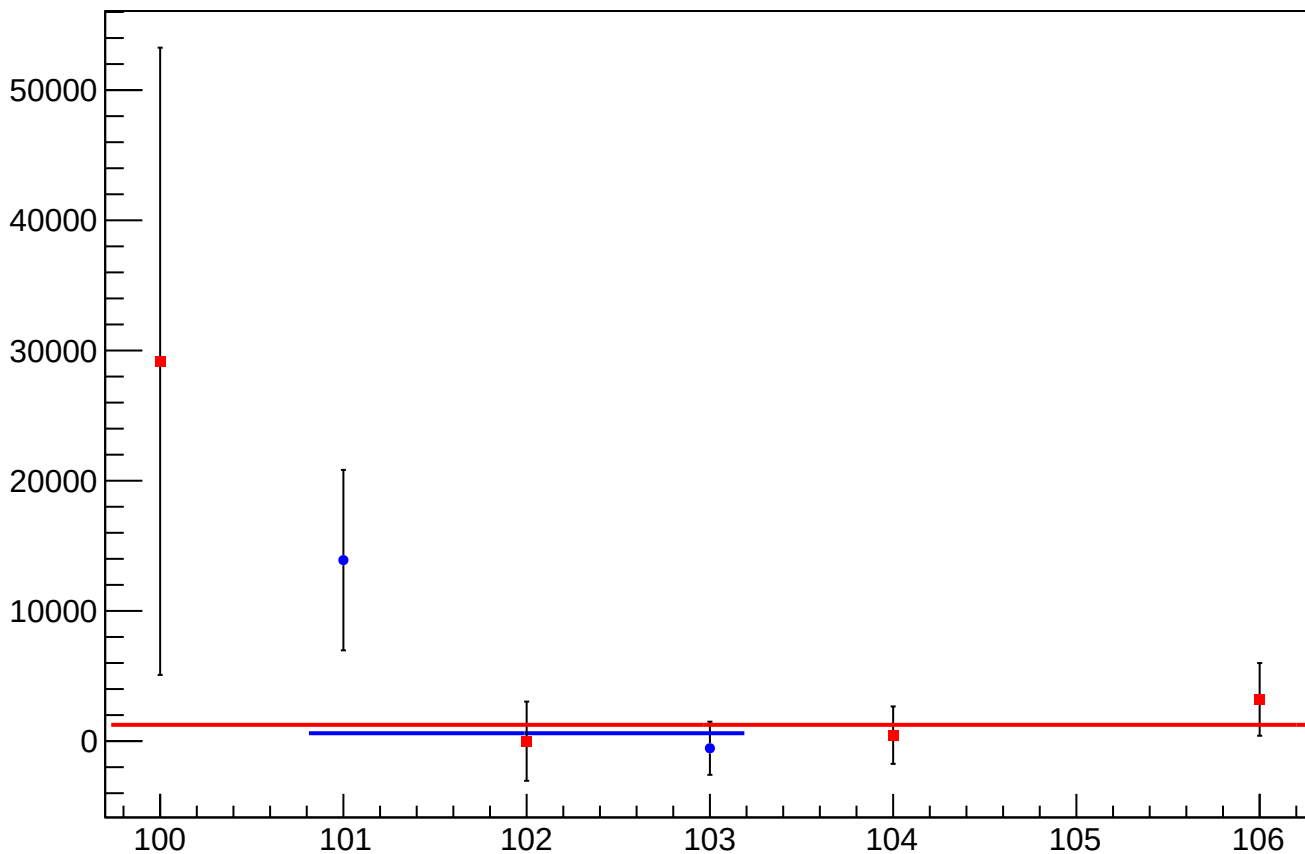
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 4.4/5

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 605.566+/-1957.392 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.264+/-1500.932 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

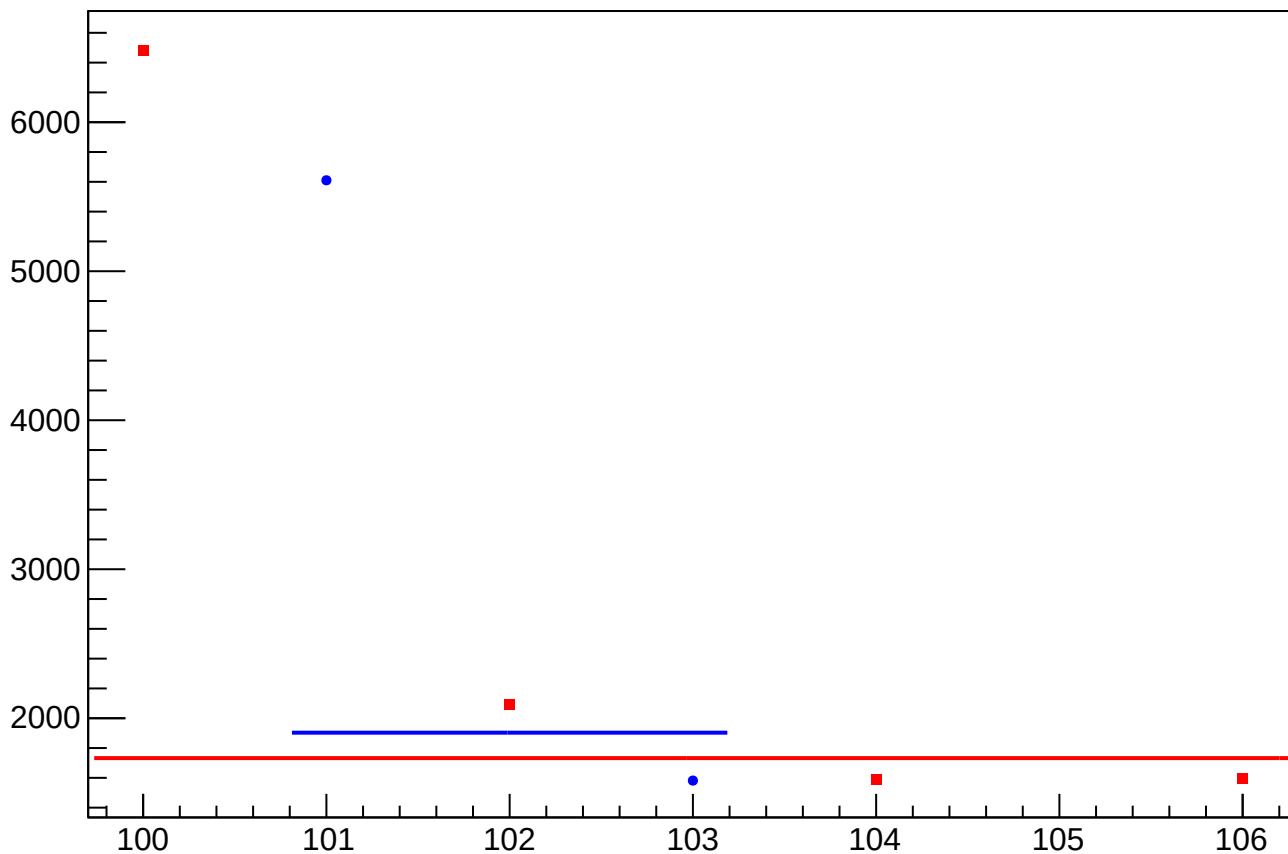
Right: 1012.181+/-1191.071 χ^2/NDF : 6.2/5

In: 605.566+/-1957.392 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1012.181+/-1191.071 χ^2/NDF : 6.2/5

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.144+/-1.384 χ^2/NDF : 622180.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.456+/-1.061 χ^2/NDF : 119710.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

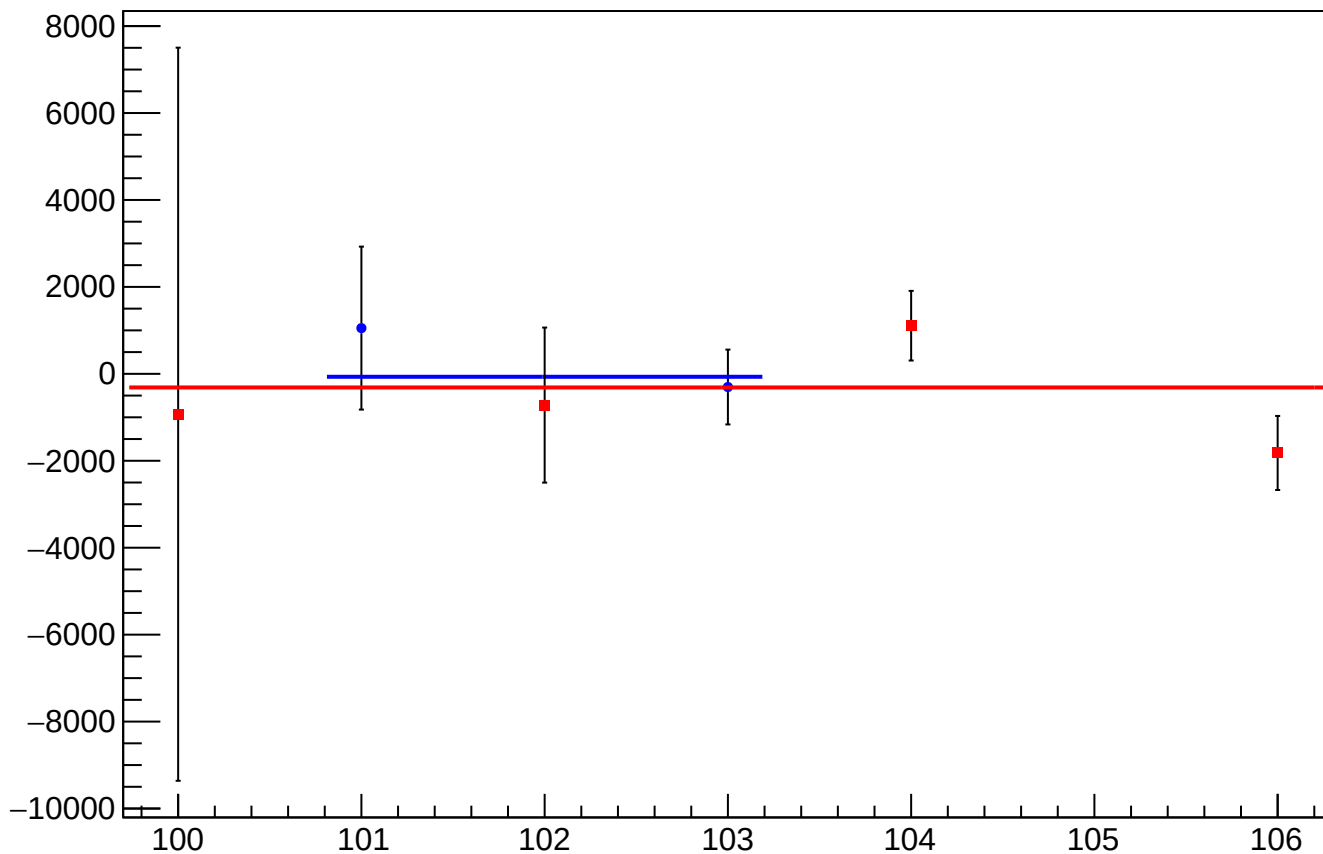
Right: 1795.656+/-0.842 χ^2/NDF : 751468.8/5

In: 1903.144+/-1.384 χ^2/NDF : 622180.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1795.656+/-0.842 χ^2/NDF : 751468.8/5

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.489+/-782.072 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -313.142+/-553.441 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

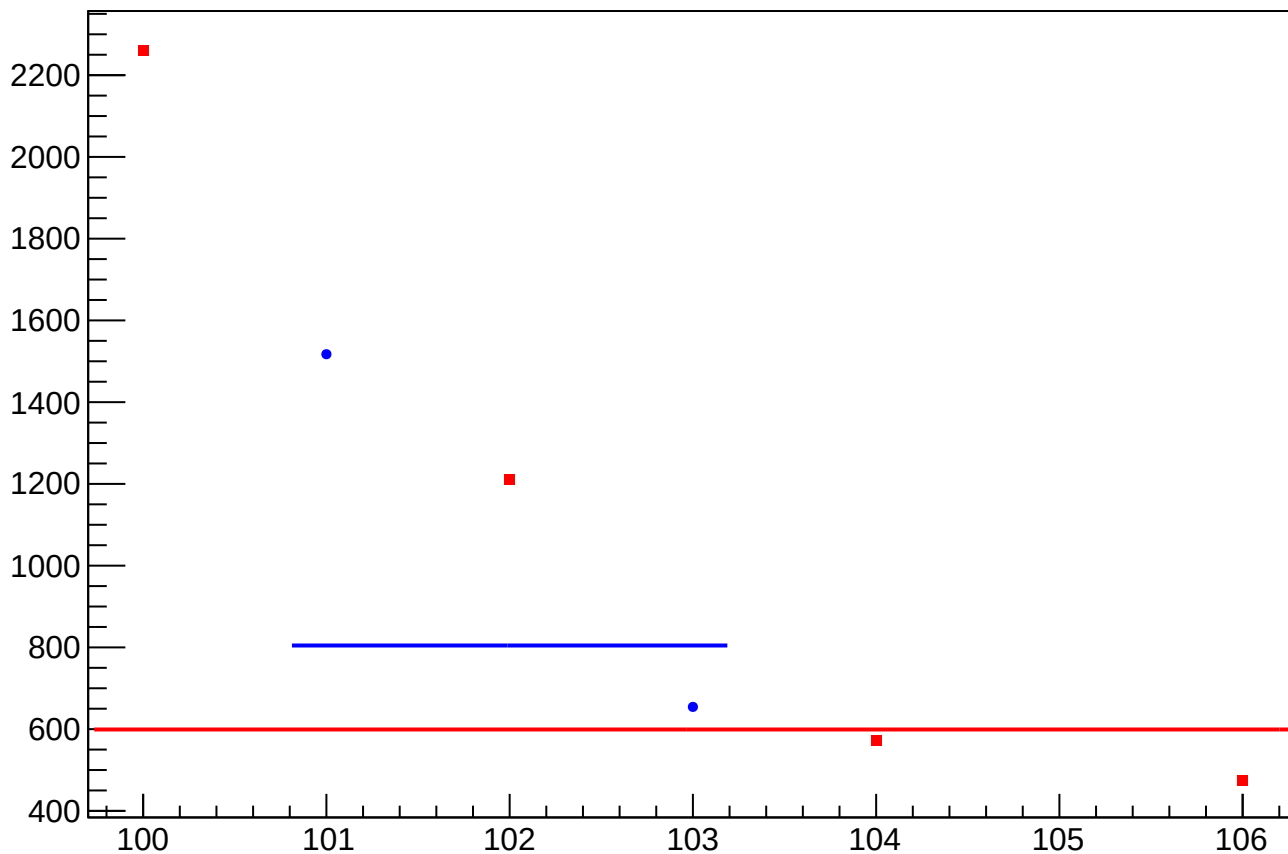
Right: -231.172+/-451.765 χ^2/NDF : 6.8/5

In: -67.489+/-782.072 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.172+/-451.765 χ^2/NDF : 6.8/5

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 804.657+/-0.553 χ^2/NDF : 350061.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.173+/-0.391 χ^2/NDF : 357421.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

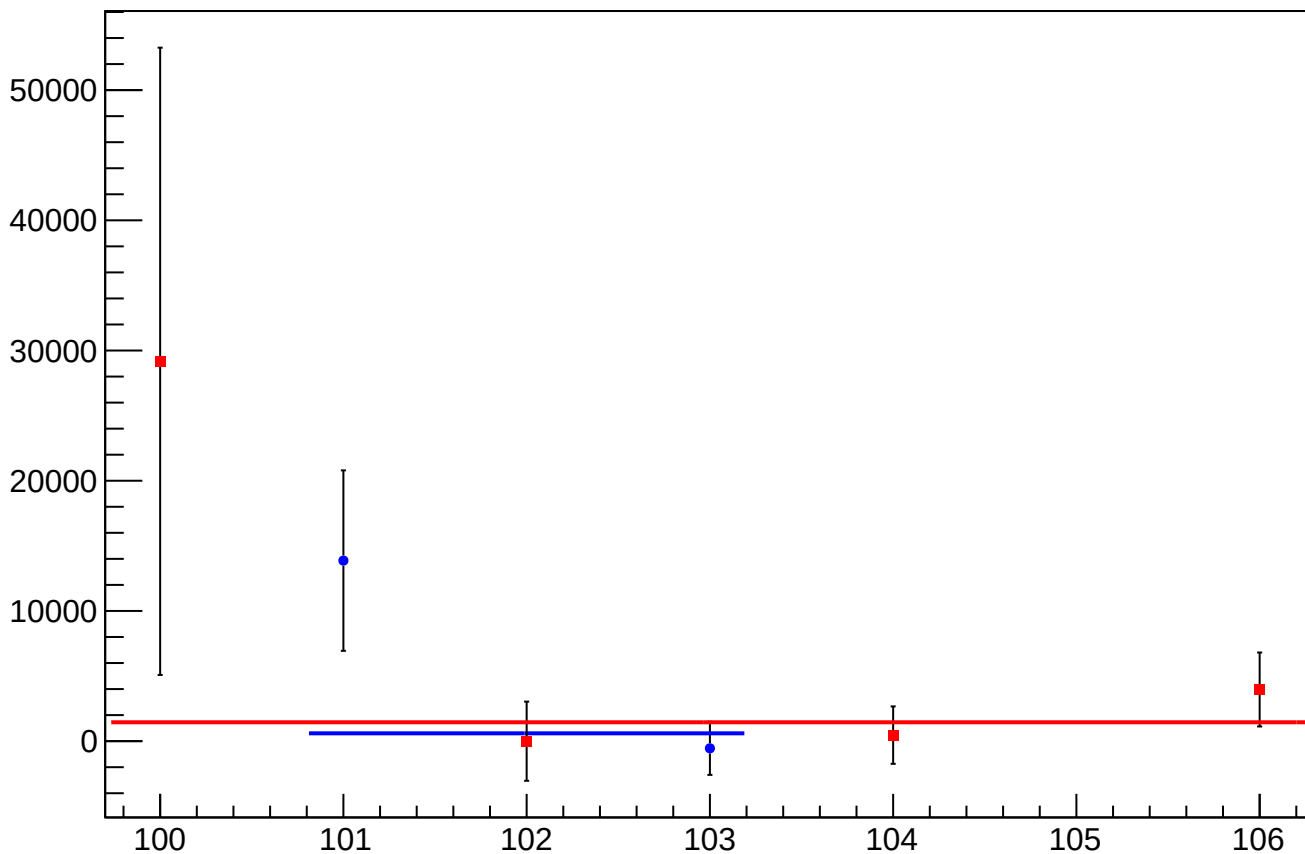
Right: 667.739+/-0.319 χ^2/NDF : 799480.4/5

In: 804.657+/-0.553 χ^2/NDF : 350061.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.739+/-0.319 χ^2/NDF : 799480.4/5

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.215+/-1508.458 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

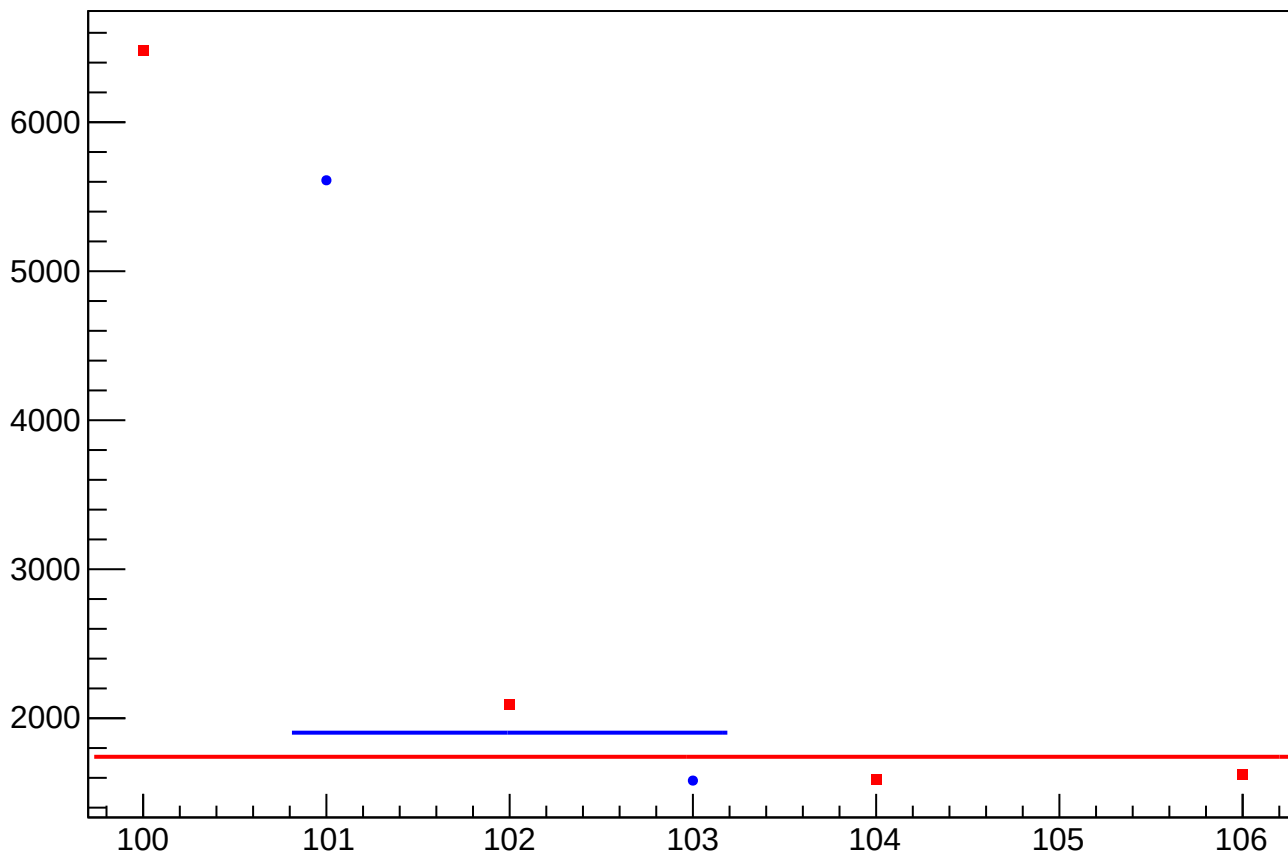
Right: 1133.019+/-1194.823 χ^2/NDF : 6.6/5

In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.019+/-1194.823 χ^2/NDF : 6.6/5

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.325+/-1.067 χ^2/NDF : 117818.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

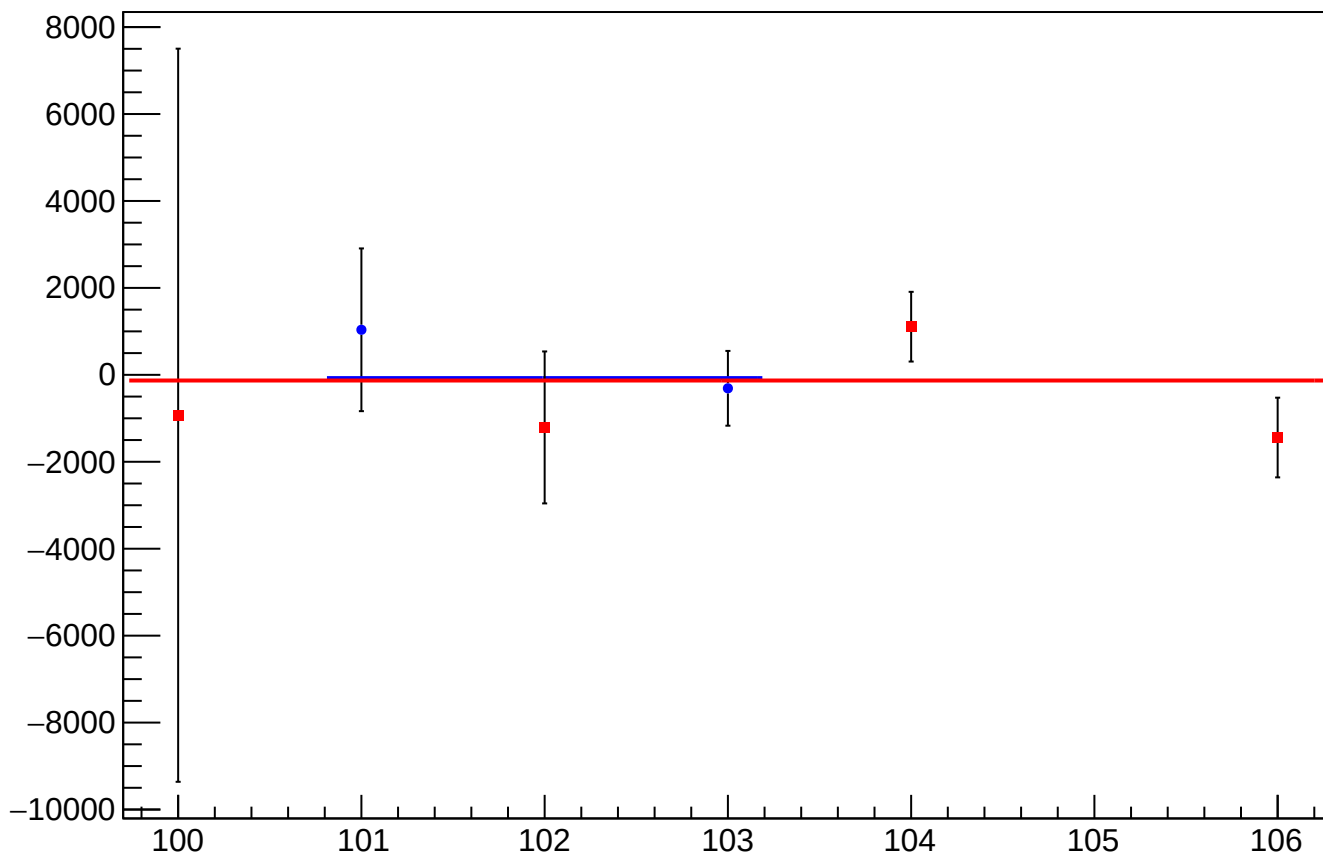
Right: 1801.619+/-0.845 χ^2/NDF : 748574.3/5

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.619+/-0.845 χ^2/NDF : 748574.3/5

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140 $\pm$ 781.531 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -130.462 $\pm$ 569.218 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

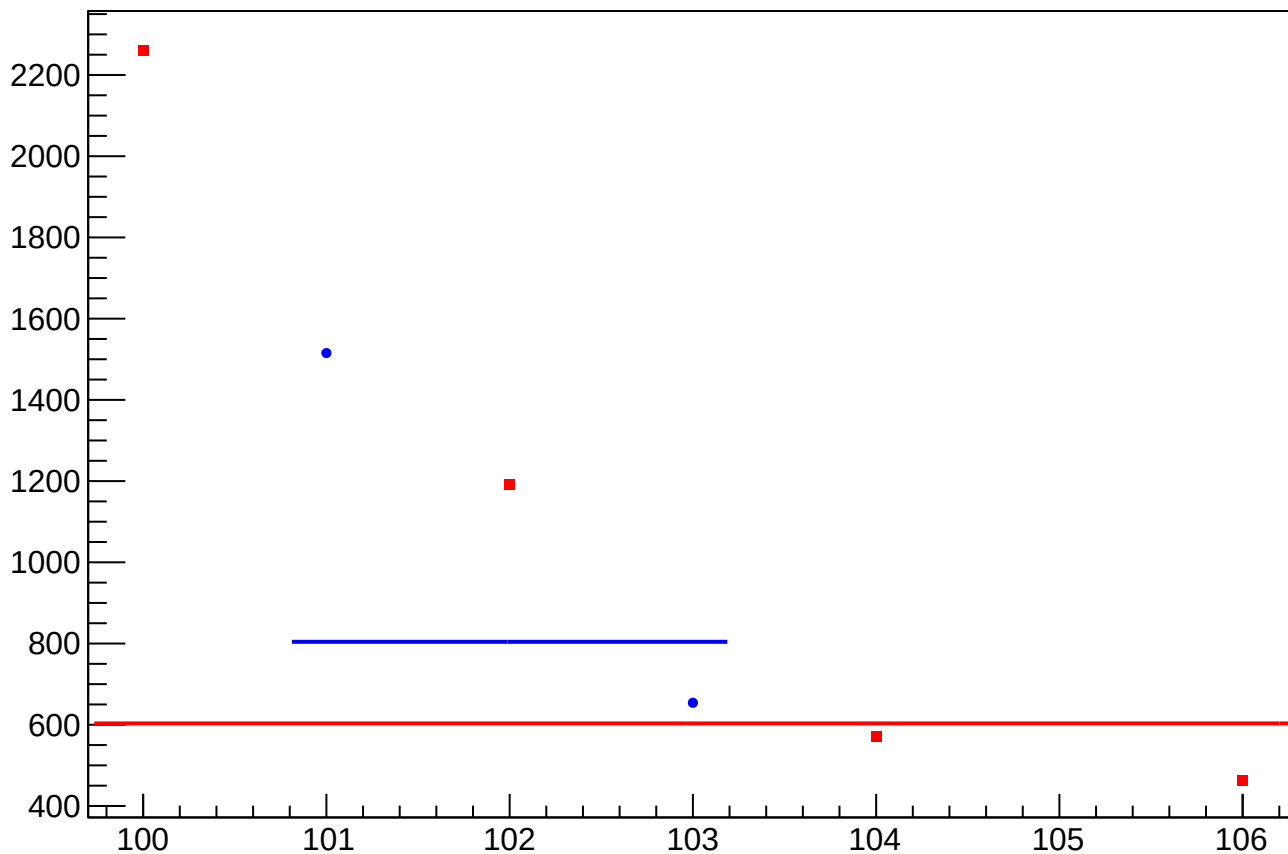
Right: -111.287 $\pm$ 460.114 χ^2 /NDF: 5.3/5

In: -75.140 $\pm$ 781.531 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.287 $\pm$ 460.114 χ^2 /NDF: 5.3/5

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.289+/-0.402 χ^2/NDF : 353305.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

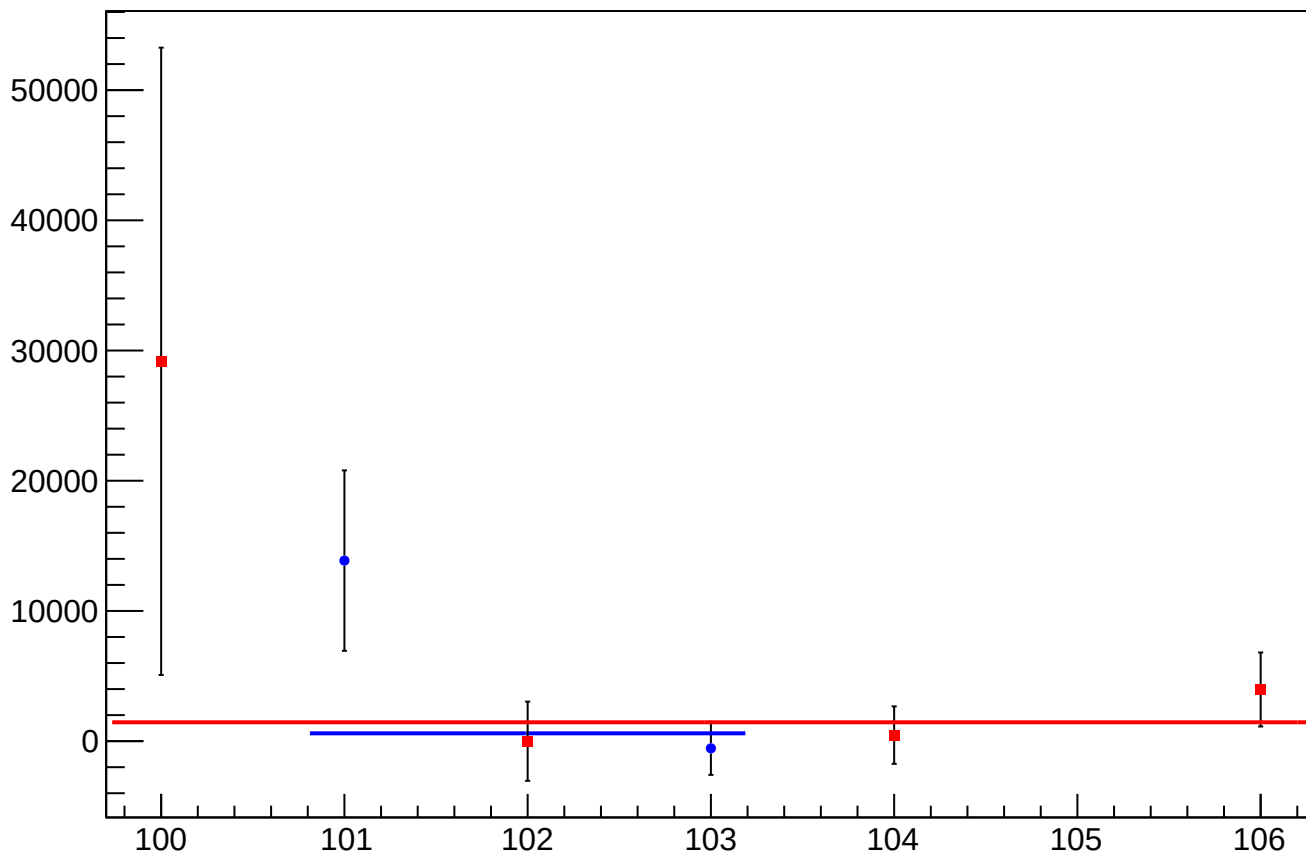
Right: 672.946+/-0.325 χ^2/NDF : 789250.6/5

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.946+/-0.325 χ^2/NDF : 789250.6/5

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.215+/-1508.458 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

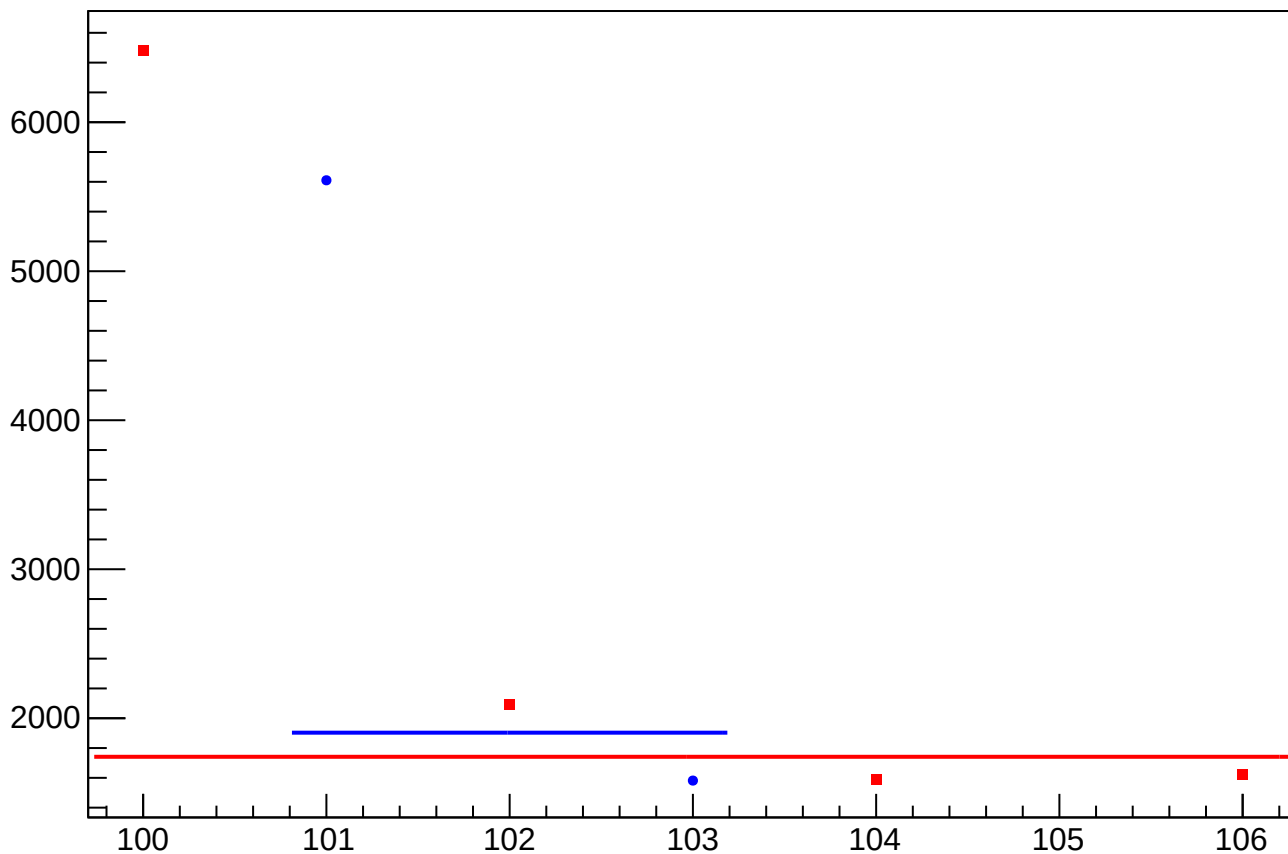
Right: 1133.019+/-1194.823 χ^2/NDF : 6.6/5

In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1133.019+/-1194.823 χ^2/NDF : 6.6/5

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.325+/-1.067 χ^2/NDF : 117818.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

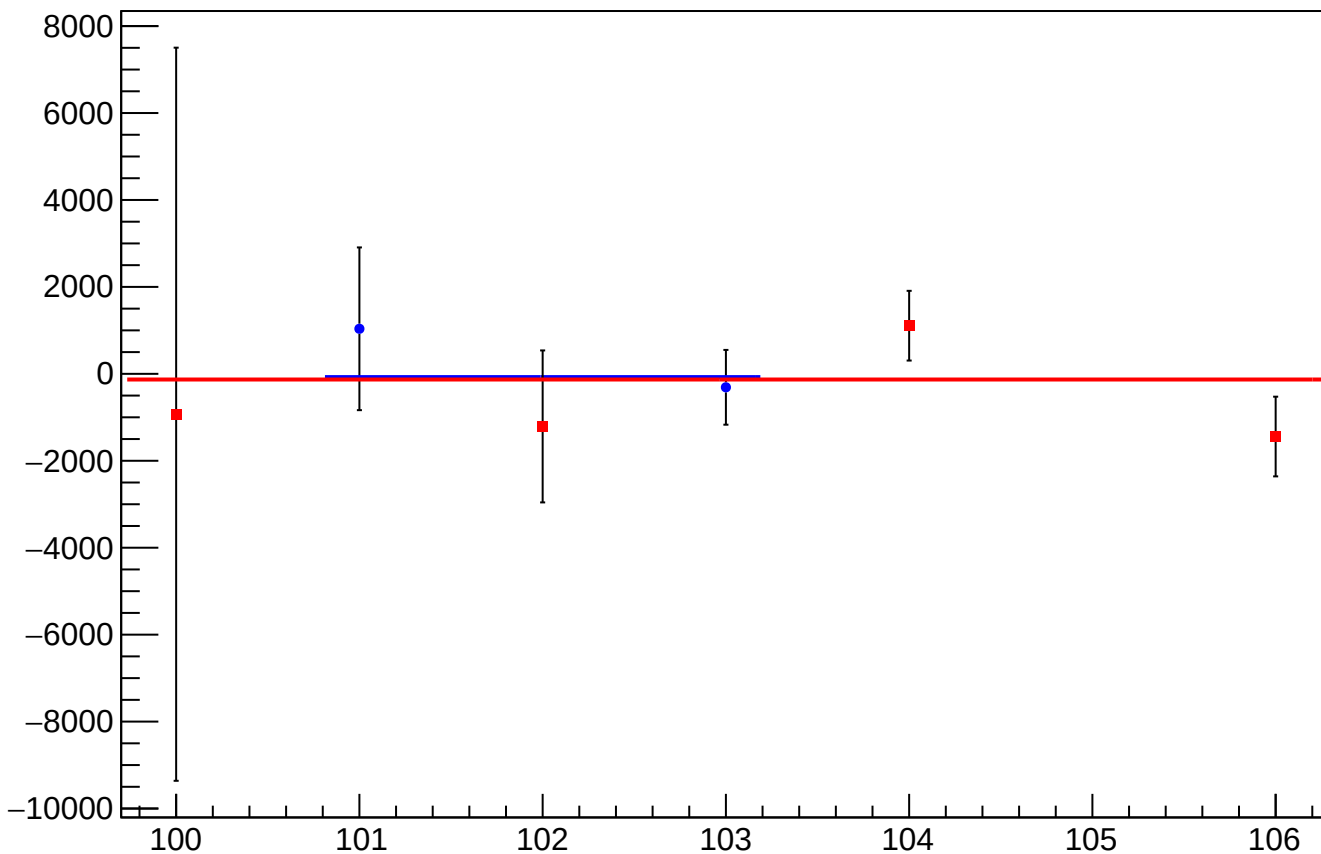
Right: 1801.619+/-0.845 χ^2/NDF : 748574.3/5

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1801.619+/-0.845 χ^2/NDF : 748574.3/5

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140 $\pm$ 781.531 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -130.462 $\pm$ 569.218 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

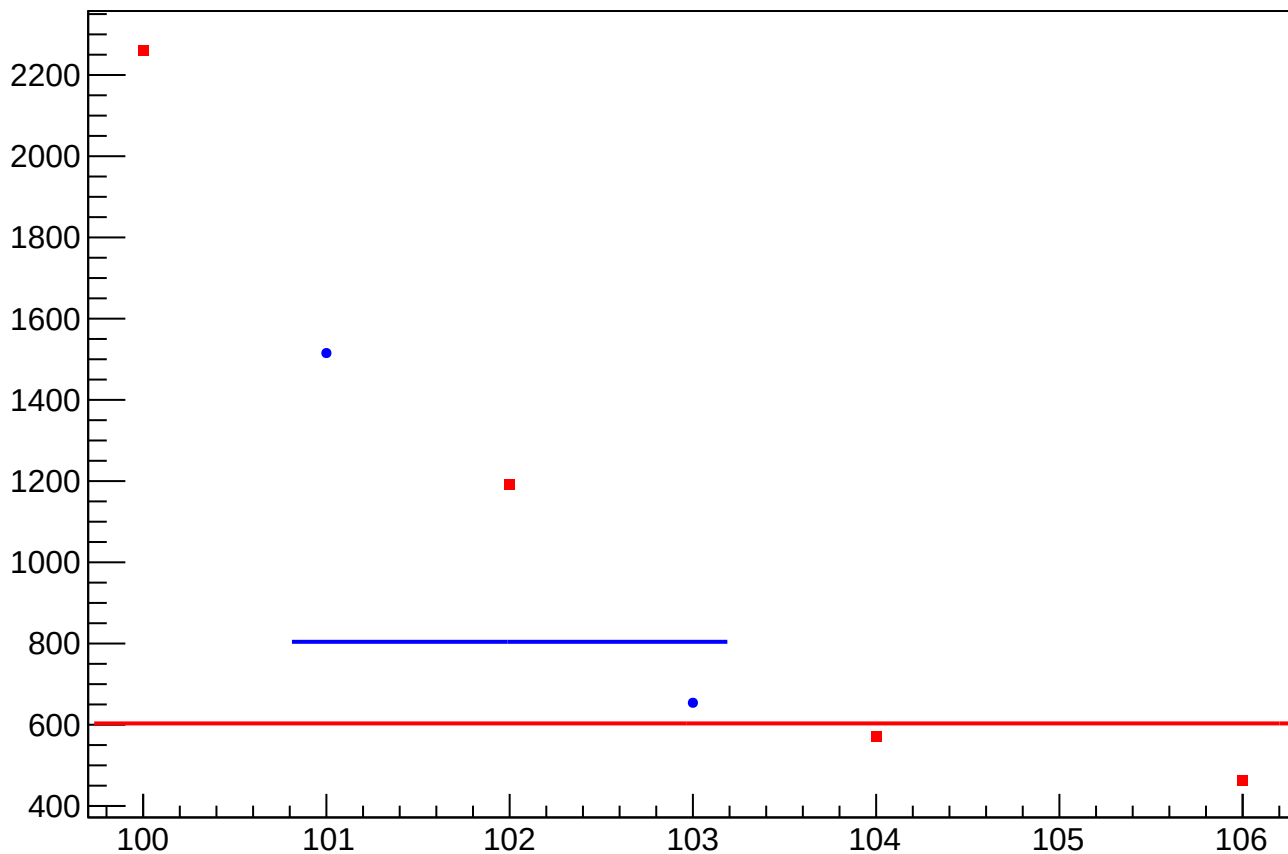
Right: -111.287 $\pm$ 460.114 χ^2 /NDF: 5.3/5

In: -75.140 $\pm$ 781.531 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -111.287 $\pm$ 460.114 χ^2 /NDF: 5.3/5

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 603.289+/-0.402 χ^2/NDF : 353305.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

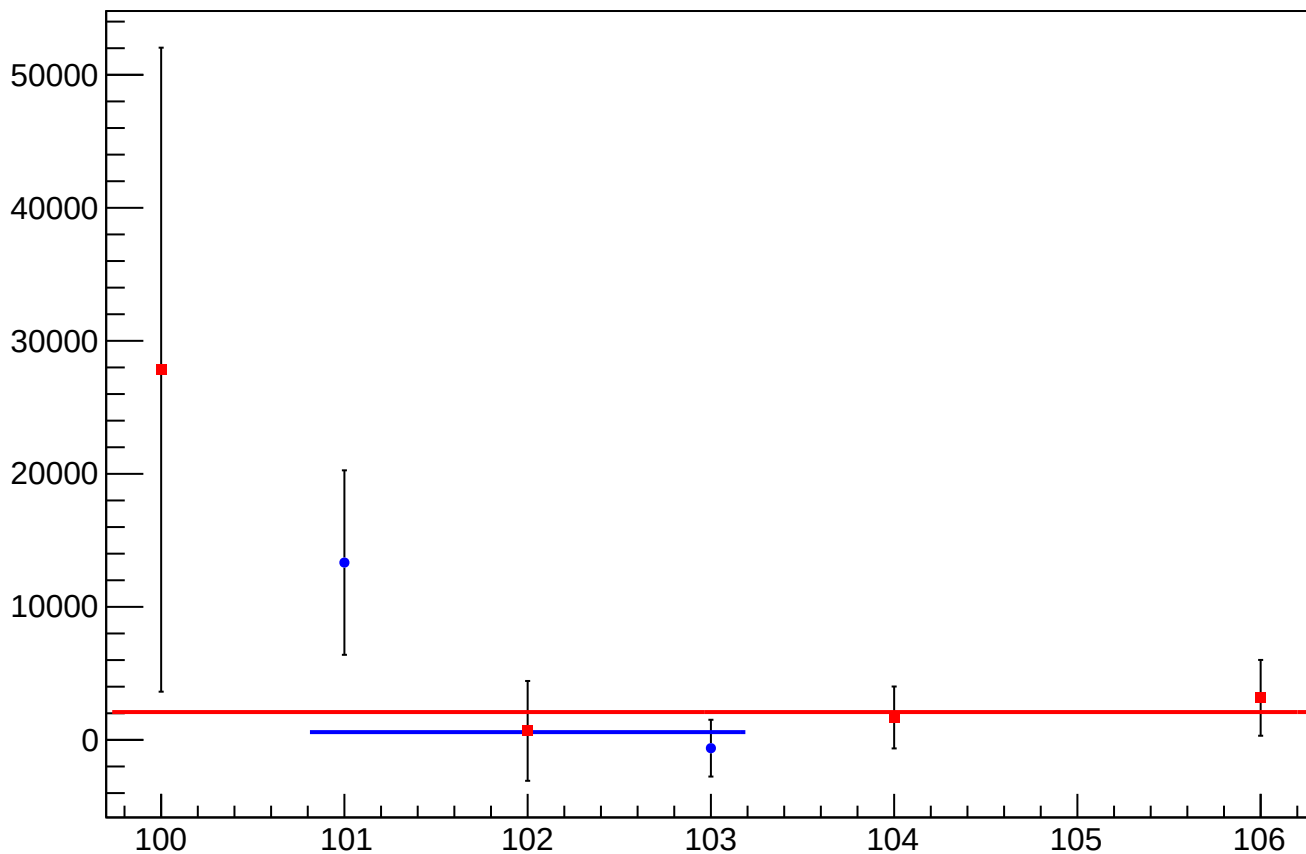
Right: 672.946+/-0.325 χ^2/NDF : 789250.6/5

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.946+/-0.325 χ^2/NDF : 789250.6/5

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 583.891+/-2039.968 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.762+/-1621.054 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

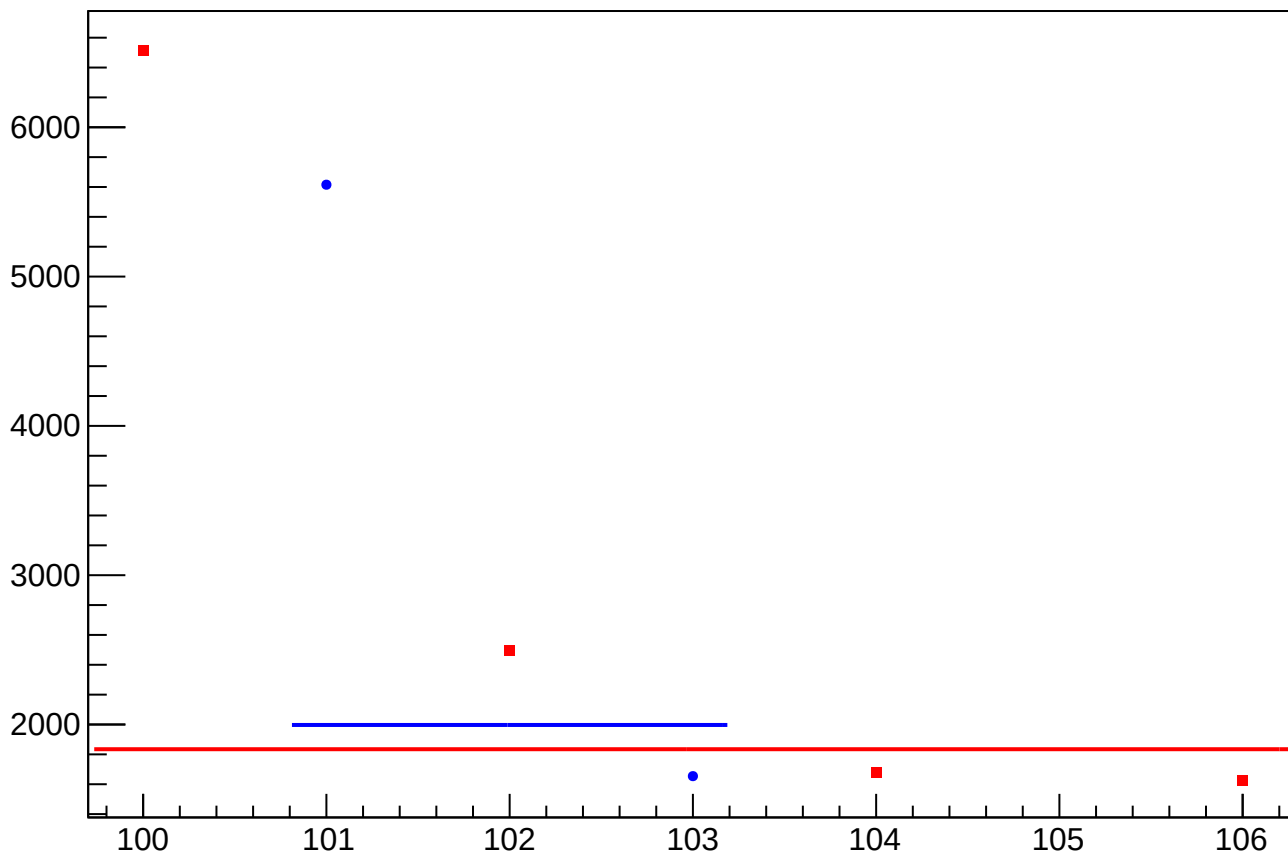
Right: 1508.135+/-1269.138 χ^2/NDF : 5.5/5

In: 583.891+/-2039.968 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1508.135+/-1269.138 χ^2/NDF : 5.5/5

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1996.937+/-1.442 χ^2/NDF : 596037.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.510+/-1.146 χ^2/NDF : 157041.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

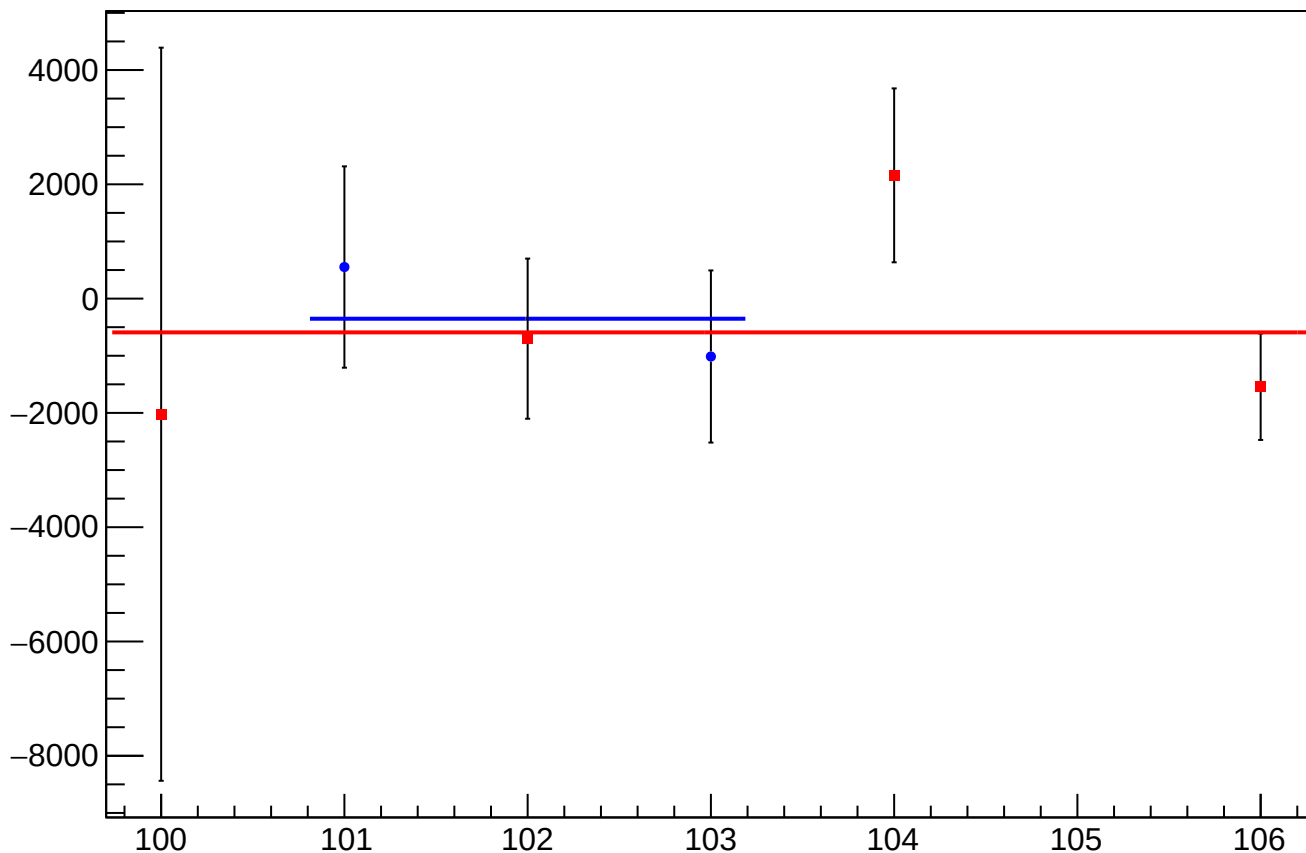
Right: 1897.377+/-0.897 χ^2/NDF : 760850.3/5

In: 1996.937+/-1.442 χ^2/NDF : 596037.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.377+/-0.897 χ^2/NDF : 760850.3/5

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -351.954 ± 1144.664 χ^2/NDF : 0.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -591.004 ± 687.017 χ^2/NDF : 4.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

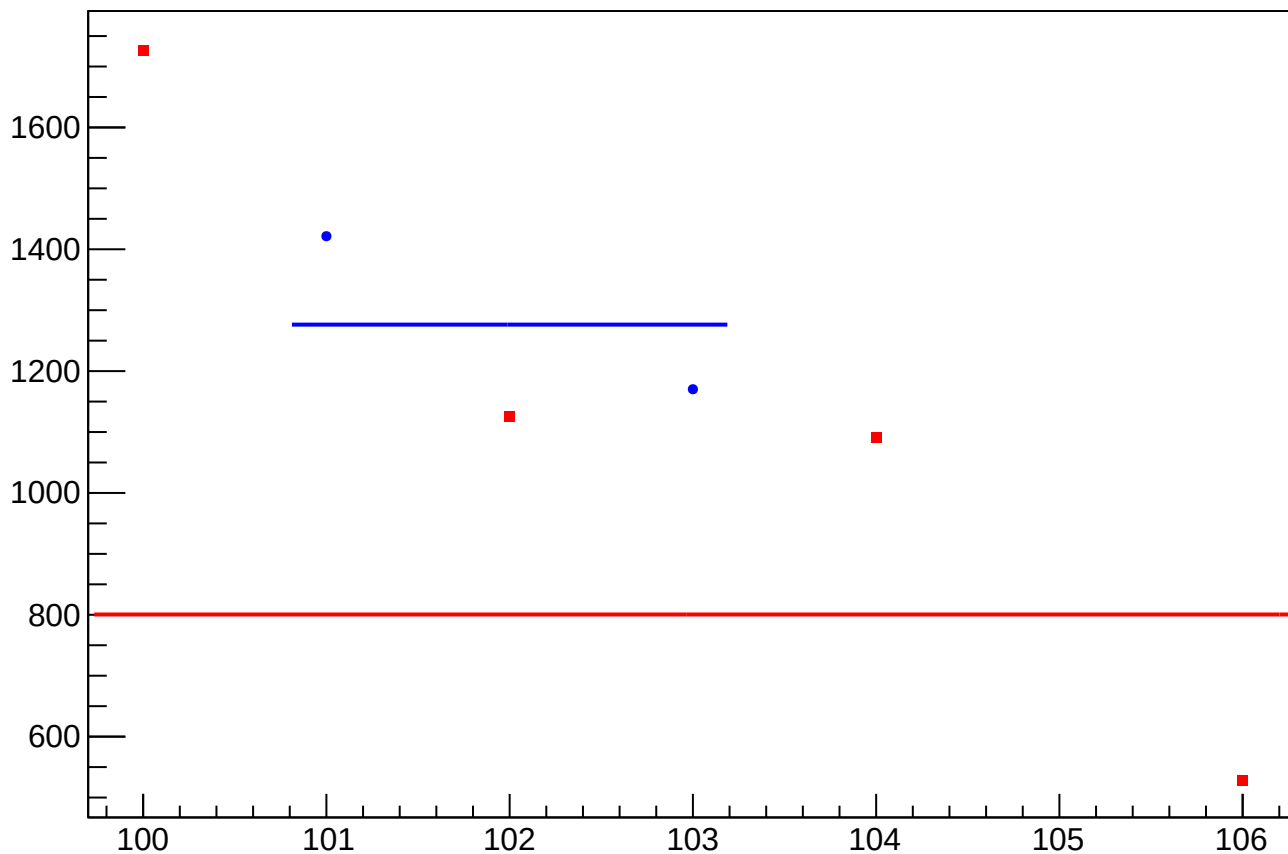
Right: -527.696 ± 589.062 χ^2/NDF : 4.8/5

In: -351.954 ± 1144.664 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -527.696 ± 589.062 χ^2/NDF : 4.8/5

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1276.329+/-0.809 χ^2/NDF : 23502.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.488+/-0.486 χ^2/NDF : 393792.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

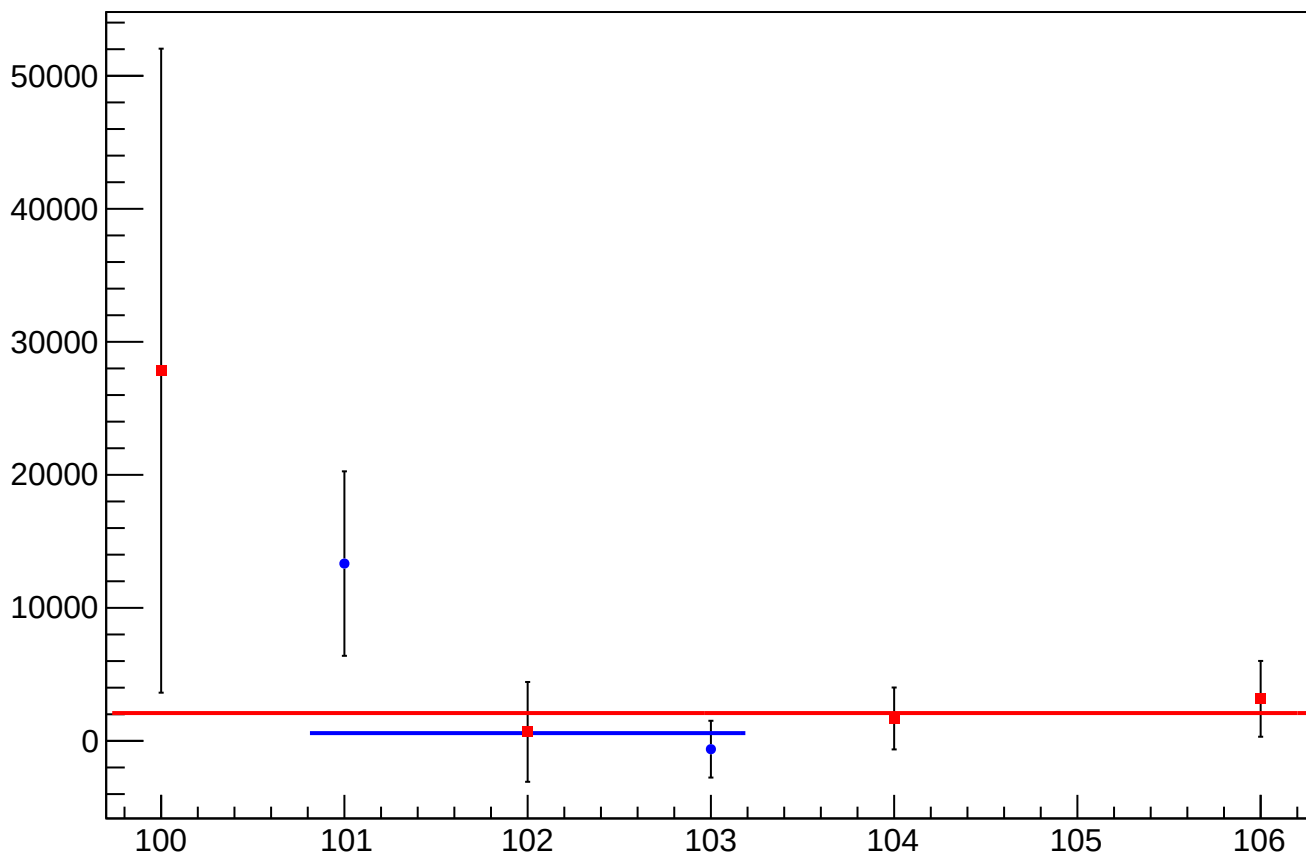
Right: 926.505+/-0.417 χ^2/NDF : 671384.8/5

In: 1276.329+/-0.809 χ^2/NDF : 23502.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.505+/-0.417 χ^2/NDF : 671384.8/5

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 583.885+/-2039.967 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.748+/-1621.054 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

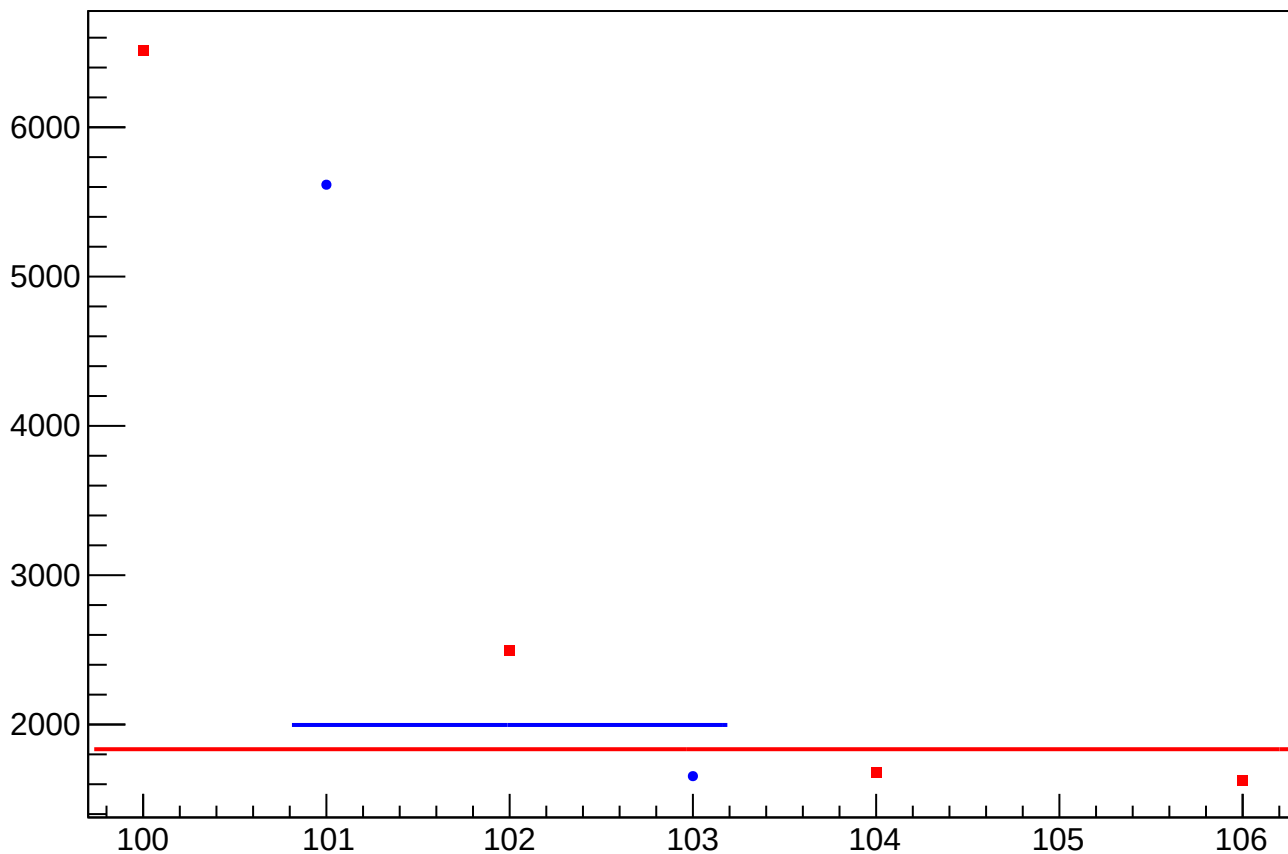
Right: 1508.124+/-1269.137 χ^2/NDF : 5.5/5

In: 583.885+/-2039.967 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1508.124+/-1269.137 χ^2/NDF : 5.5/5

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1996.936+/-1.442 χ^2/NDF : 596037.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1834.509+/-1.146 χ^2/NDF : 157041.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

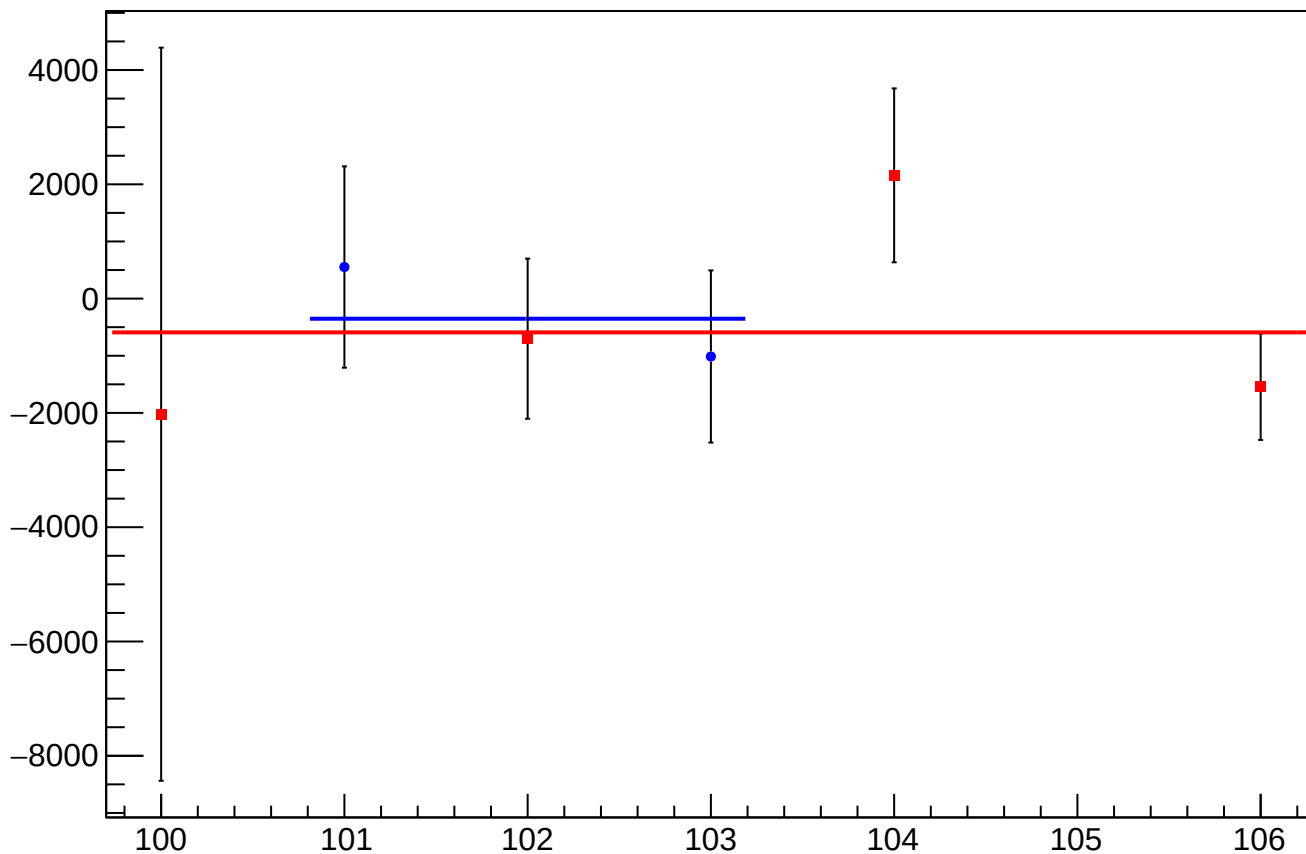
Right: 1897.376+/-0.897 χ^2/NDF : 760850.6/5

In: 1996.936+/-1.442 χ^2/NDF : 596037.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.376+/-0.897 χ^2/NDF : 760850.6/5

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -351.957 $\pm$ 1144.663 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -591.006 $\pm$ 687.016 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

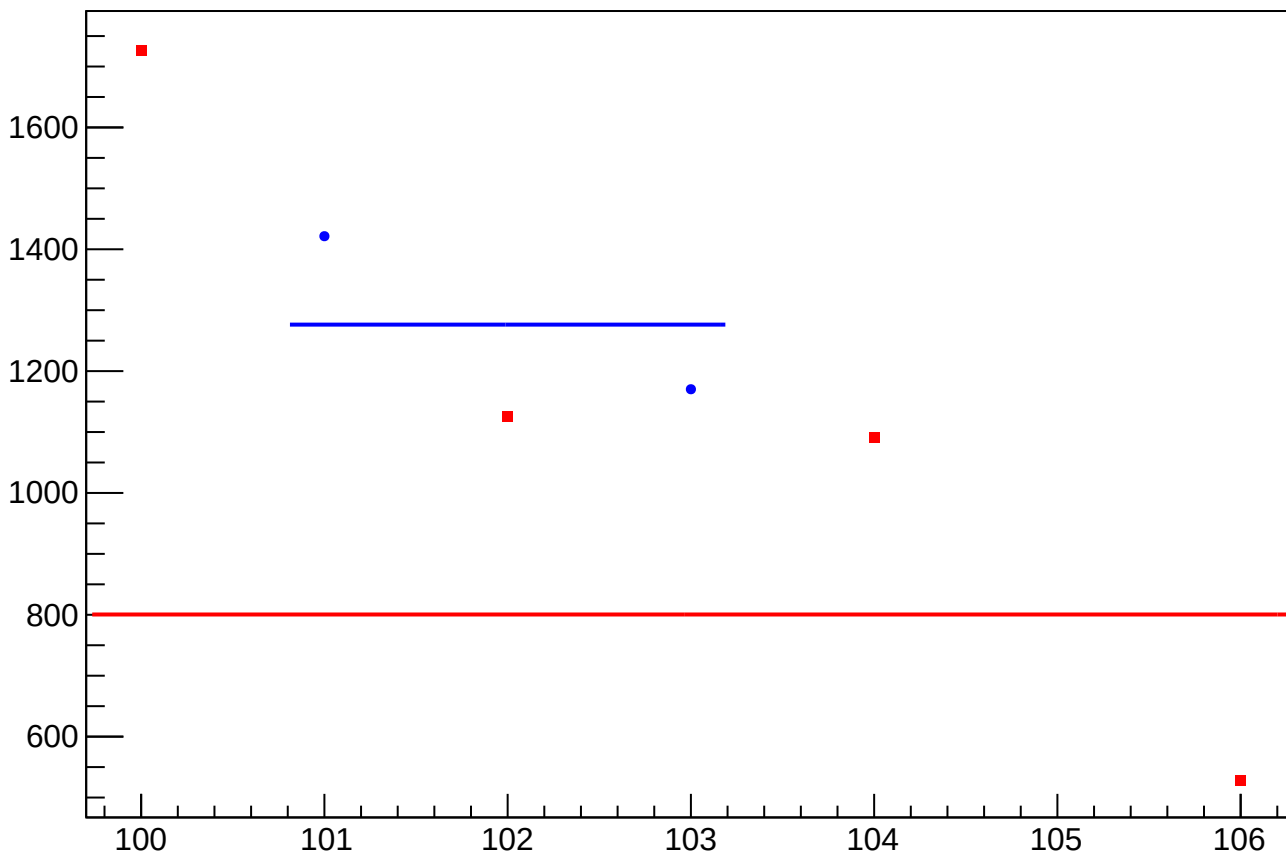
Right: -527.699 $\pm$ 589.062 χ^2 /NDF: 4.8/5

In: -351.957 $\pm$ 1144.663 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -527.699 $\pm$ 589.062 χ^2 /NDF: 4.8/5

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1276.327+/-0.809 χ^2/NDF : 23502.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 800.488+/-0.486 χ^2/NDF : 393789.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

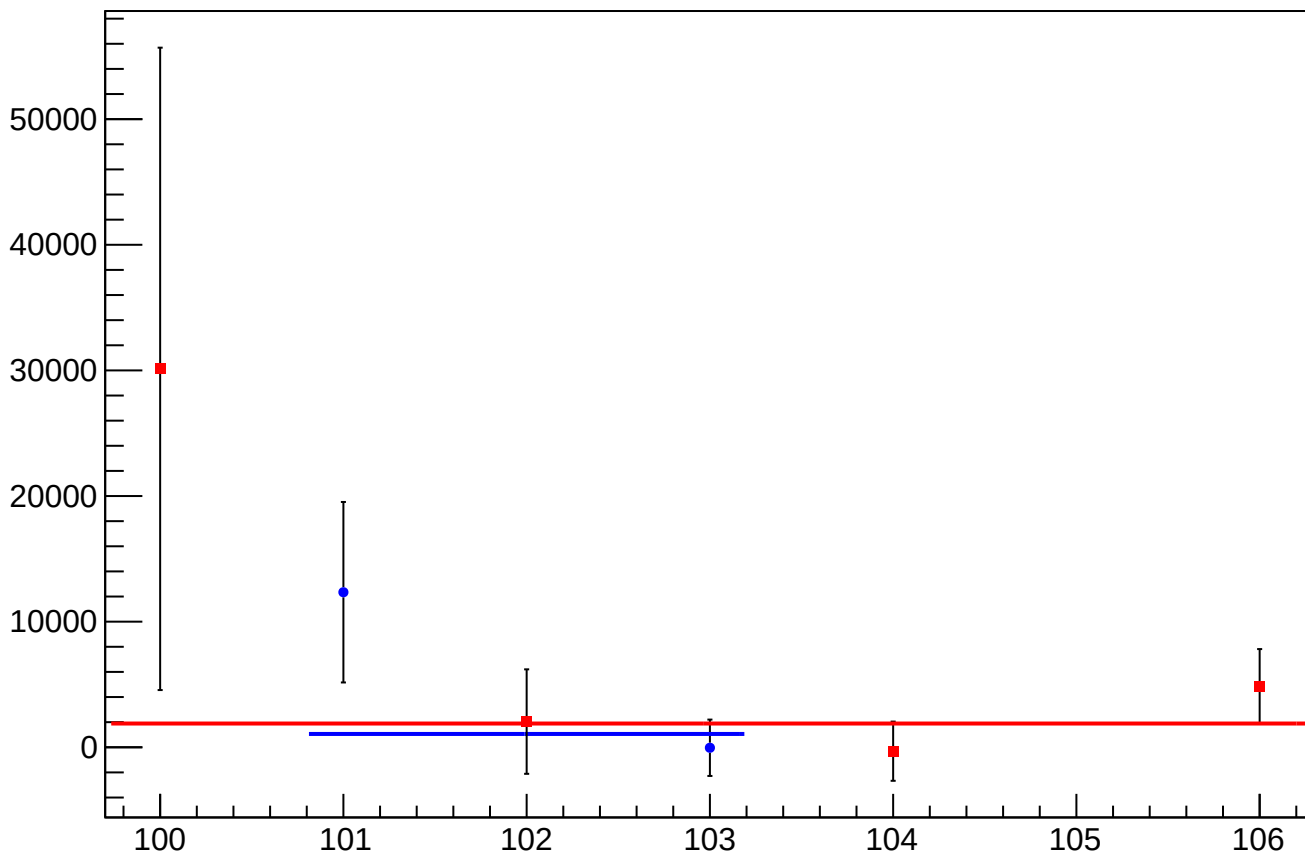
Right: 926.505+/-0.417 χ^2/NDF : 671380.3/5

In: 1276.327+/-0.809 χ^2/NDF : 23502.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 926.505+/-0.417 χ^2/NDF : 671380.3/5

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 1061.215+/-2141.287 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.359+/-1678.667 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

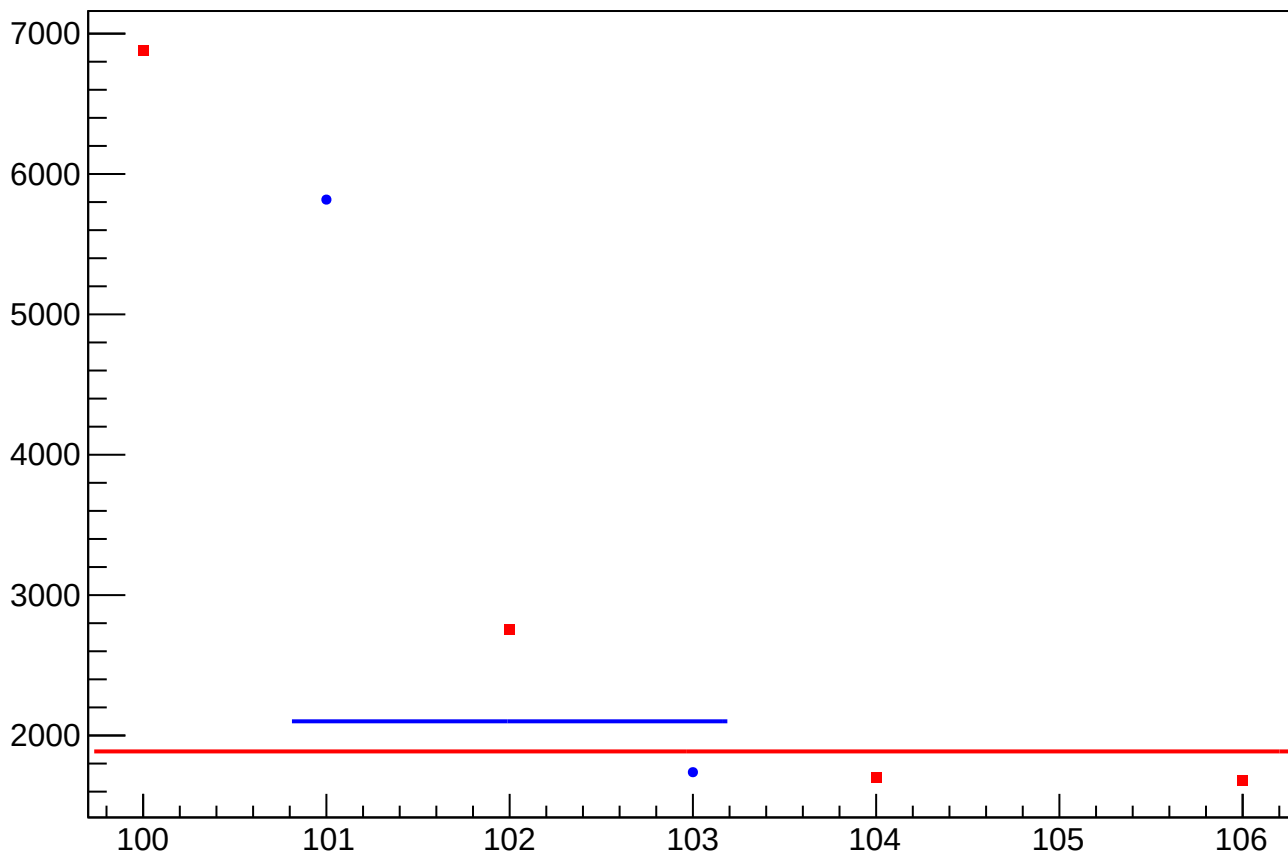
Right: 1575.370+/-1321.096 χ^2/NDF : 5.9/5

In: 1061.215+/-2141.287 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1575.370+/-1321.096 χ^2/NDF : 5.9/5

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 2100.954+/-1.514 χ^2/NDF : 587550.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1886.469+/-1.187 χ^2/NDF : 186555.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

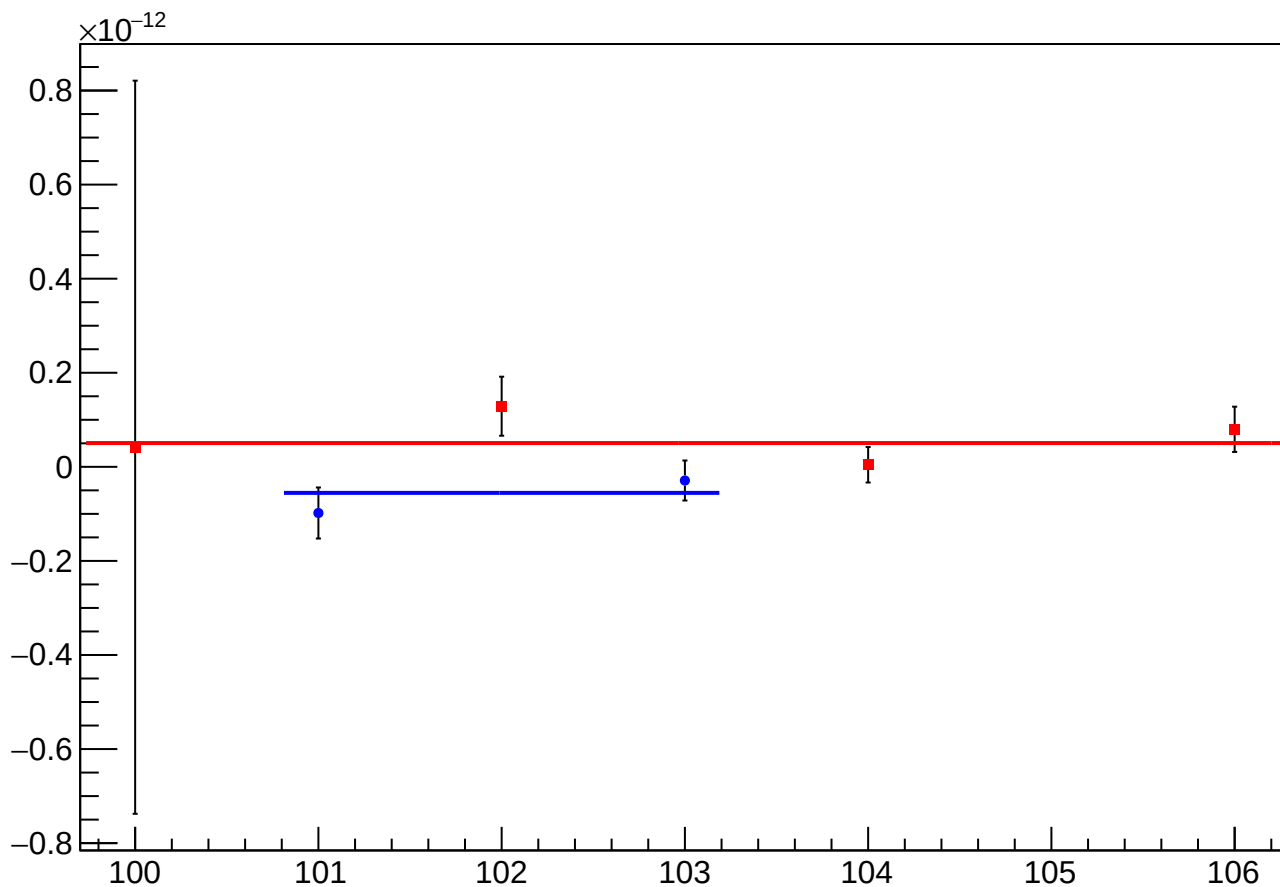
Right: 1968.110+/-0.934 χ^2/NDF : 786534.8/5

In: 2100.954+/-1.514 χ^2/NDF : 587550.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1968.110+/-0.934 χ^2/NDF : 786534.8/5

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

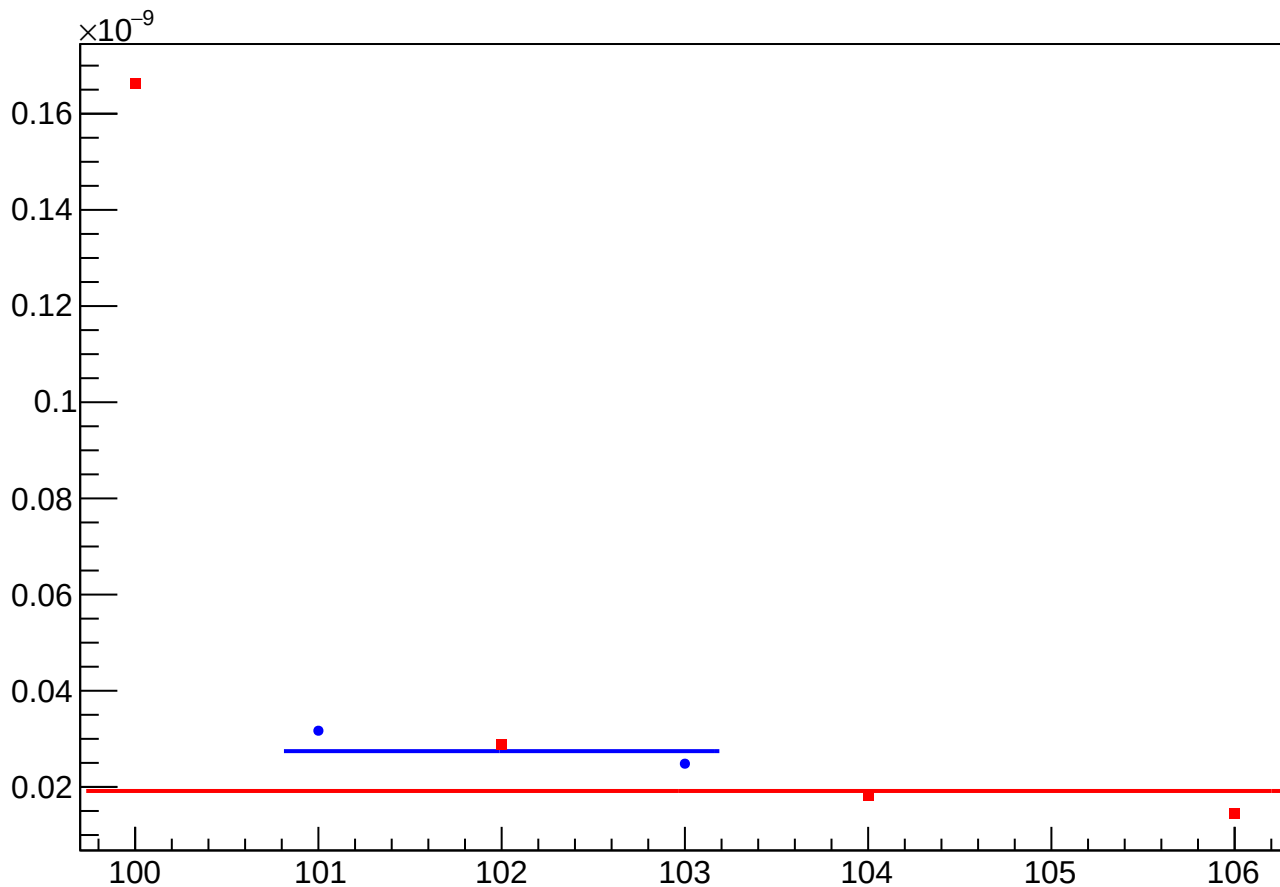
Right: 0.000+/-0.000 χ^2/NDF : 10.5/5

In: -0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.5/5

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19776.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 139900.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

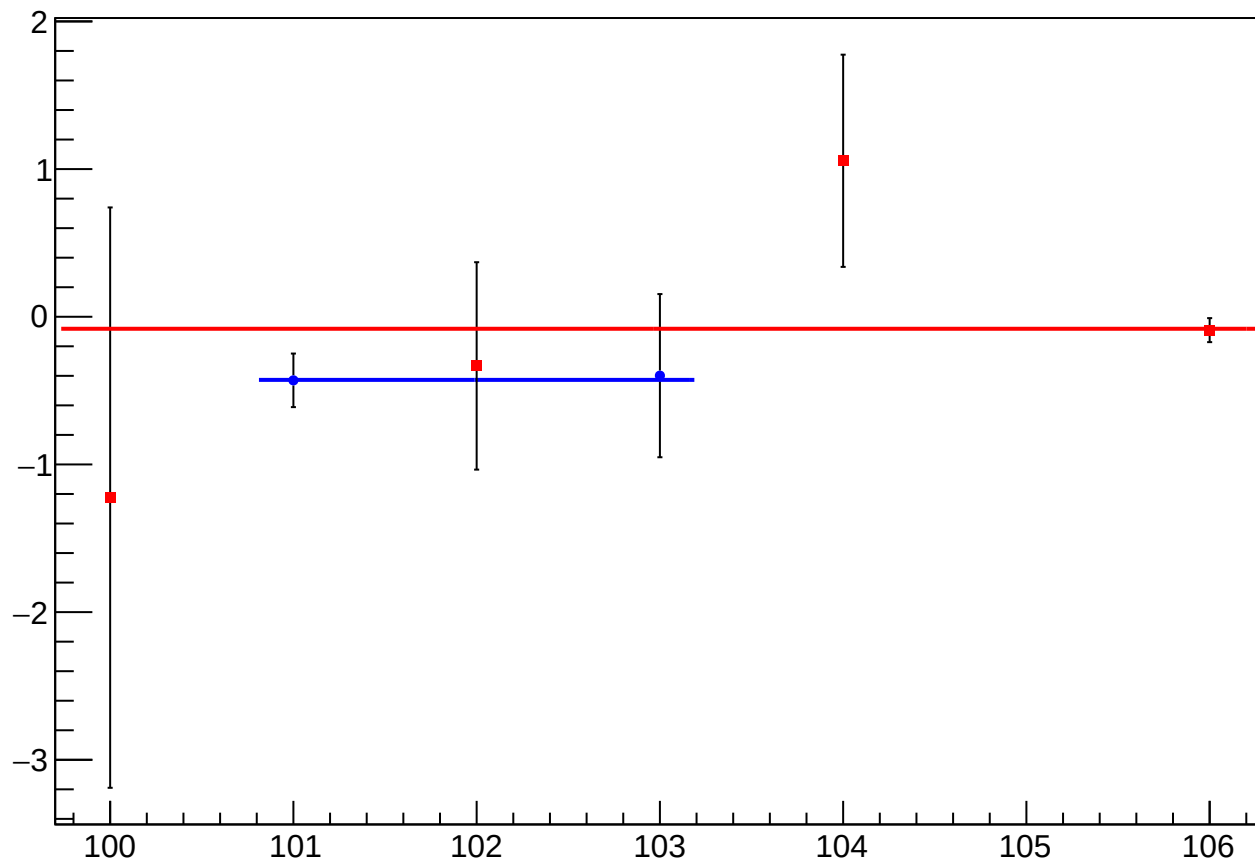
Right: 0.000+/-0.000 χ^2/NDF : 234291.4/5

In: 0.000+/-0.000 χ^2/NDF : 19776.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 234291.4/5

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.081 $\pm$ 0.080 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

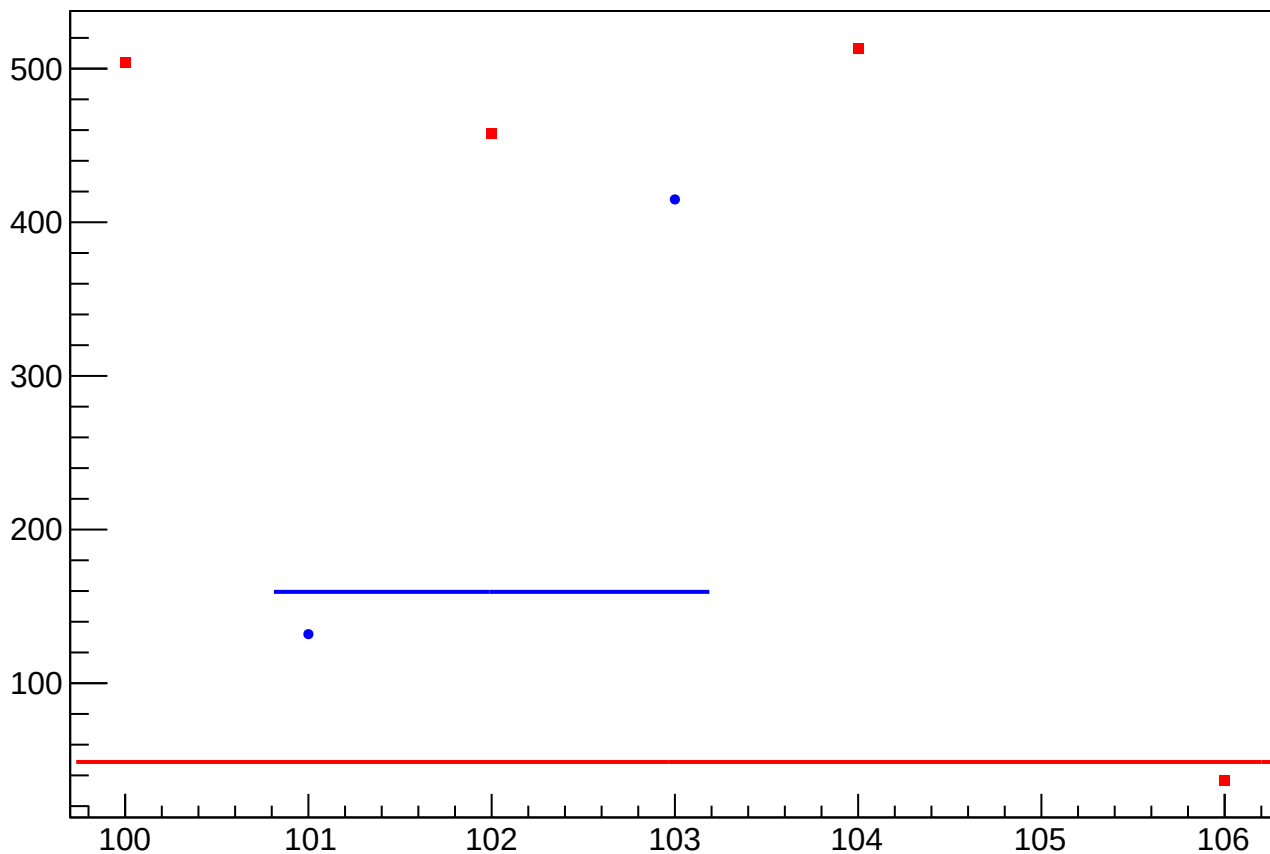
Right: -0.143 $\pm$ 0.073 χ^2 /NDF: 6.3/5

In: -0.427 $\pm$ 0.172 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.143 $\pm$ 0.073 χ^2 /NDF: 6.3/5

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.748+/-0.057 χ^2/NDF : 1666797.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

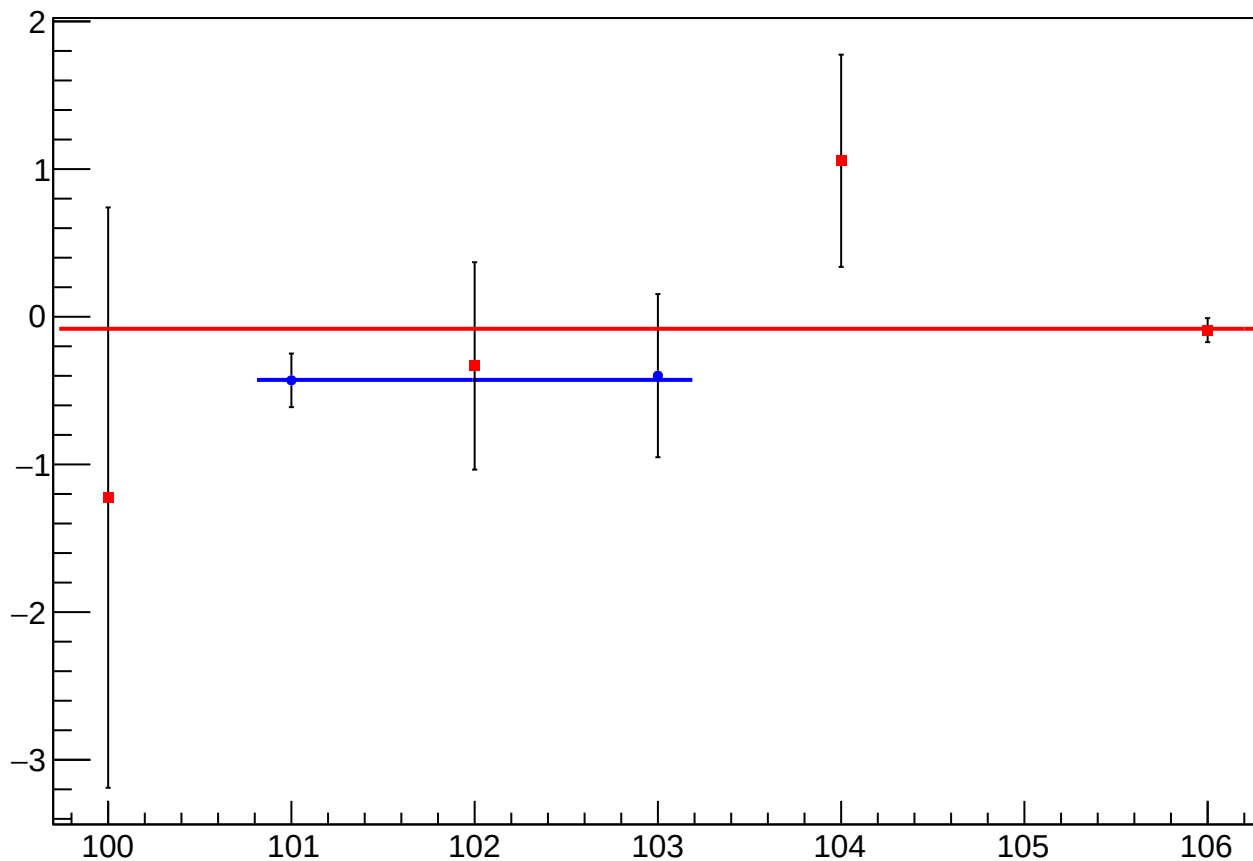
Right: 68.453+/-0.051 χ^2/NDF : 2818904.1/5

In: 159.454+/-0.122 χ^2/NDF :473554.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 68.453+/-0.051 χ^2/NDF : 2818904.1/5

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.081 ± 0.080 $\chi^2/\text{NDF}: 3.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

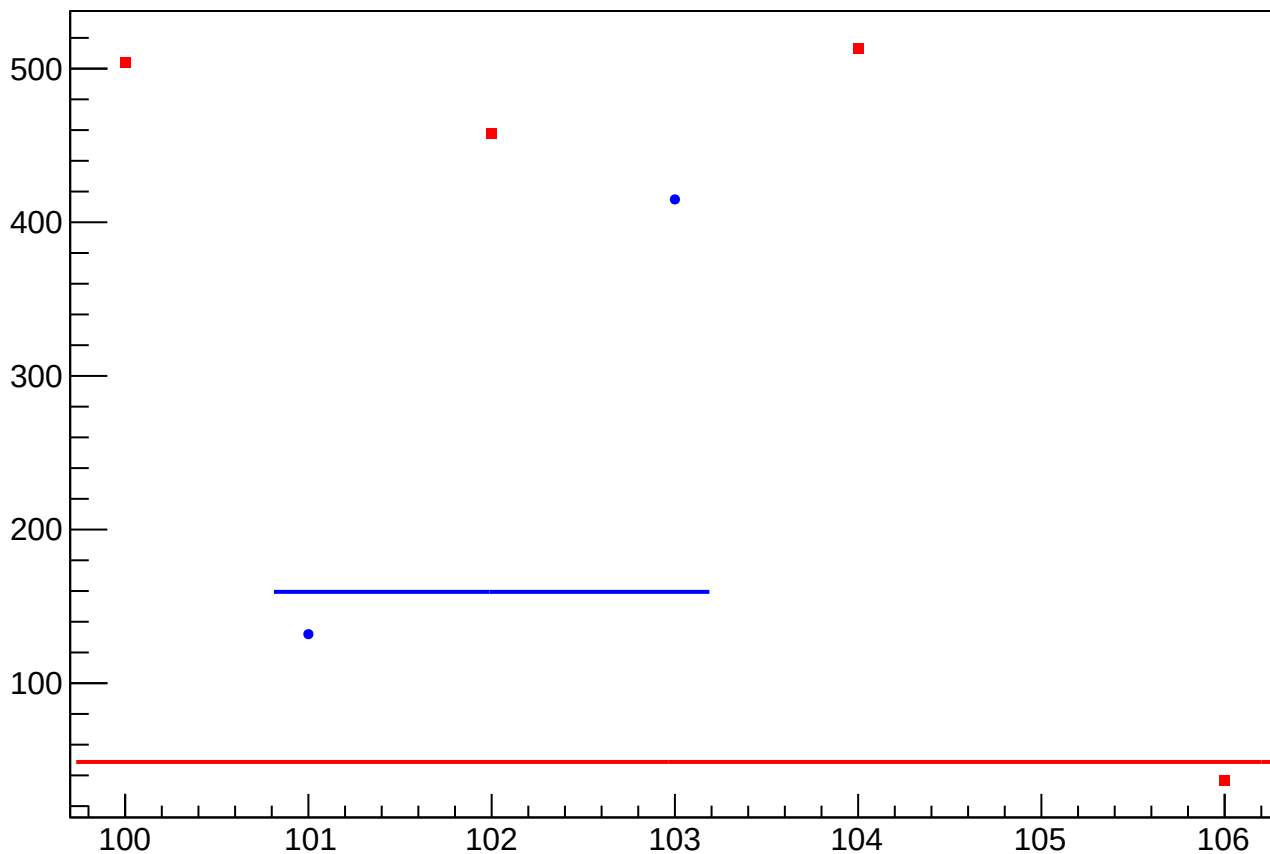
Right: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.748+/-0.057 χ^2/NDF : 1666797.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

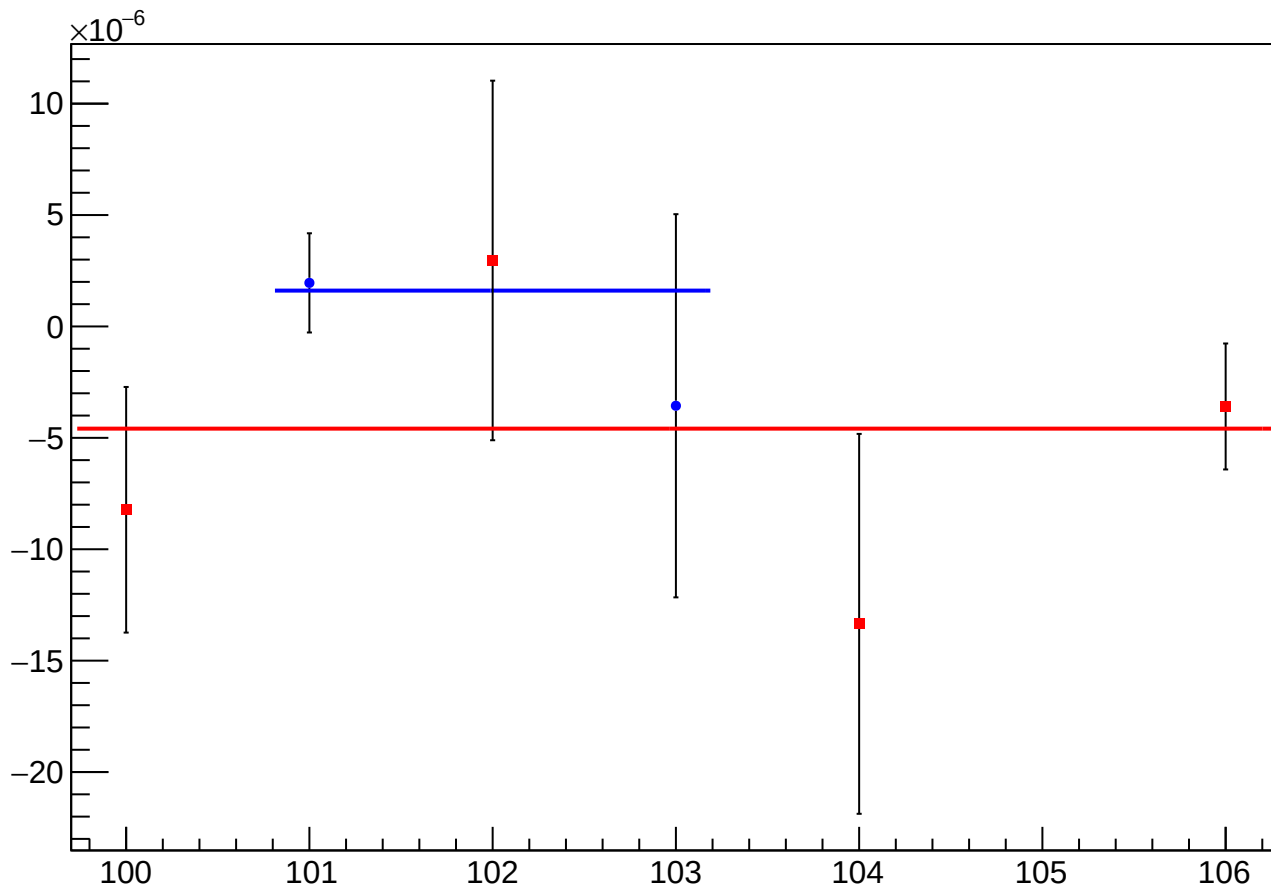
Right: 68.453+/-0.051 χ^2/NDF : 2818904.1/5

In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.453+/-0.051 χ^2/NDF : 2818904.1/5

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

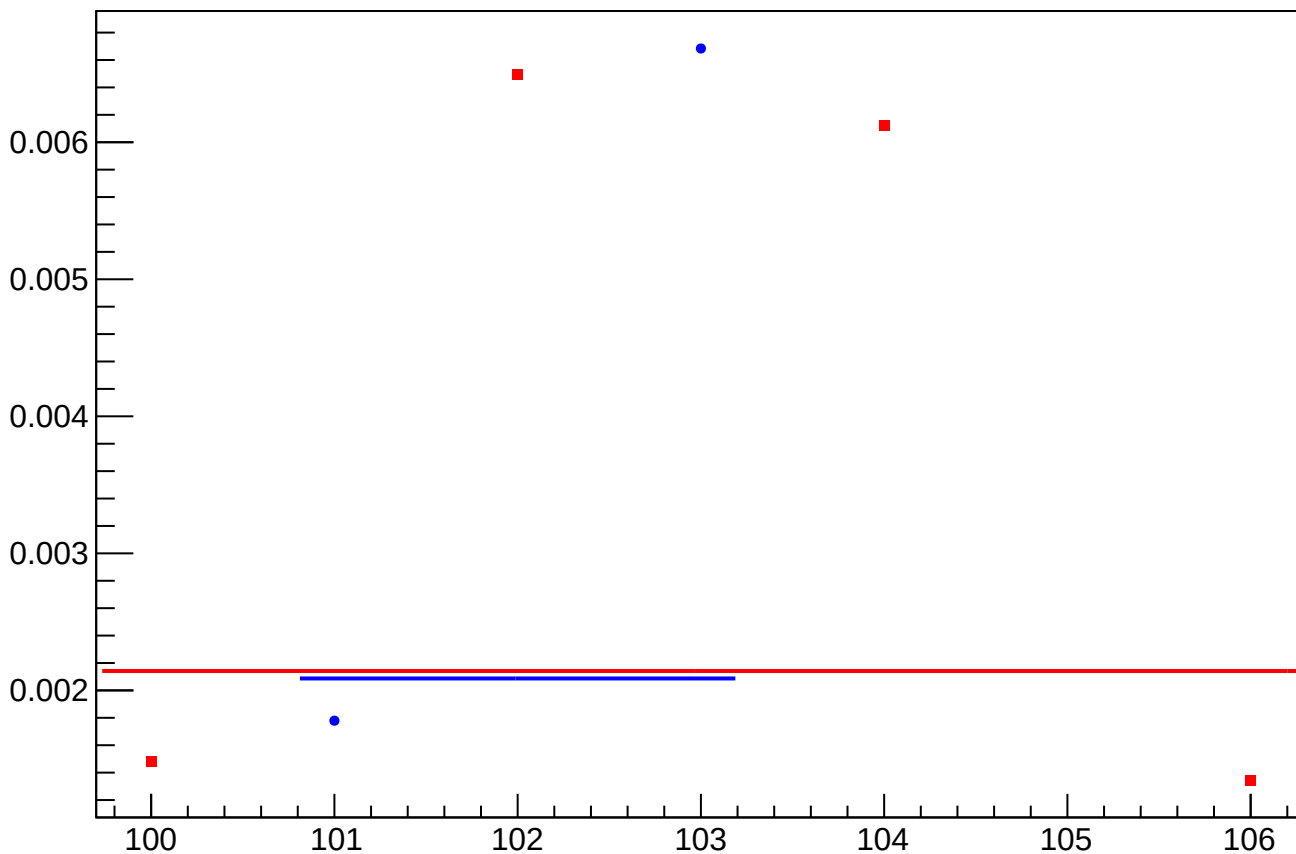
Right: -0.000+/-0.000 χ^2/NDF : 6.7/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.7/5

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 609834.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1207365.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

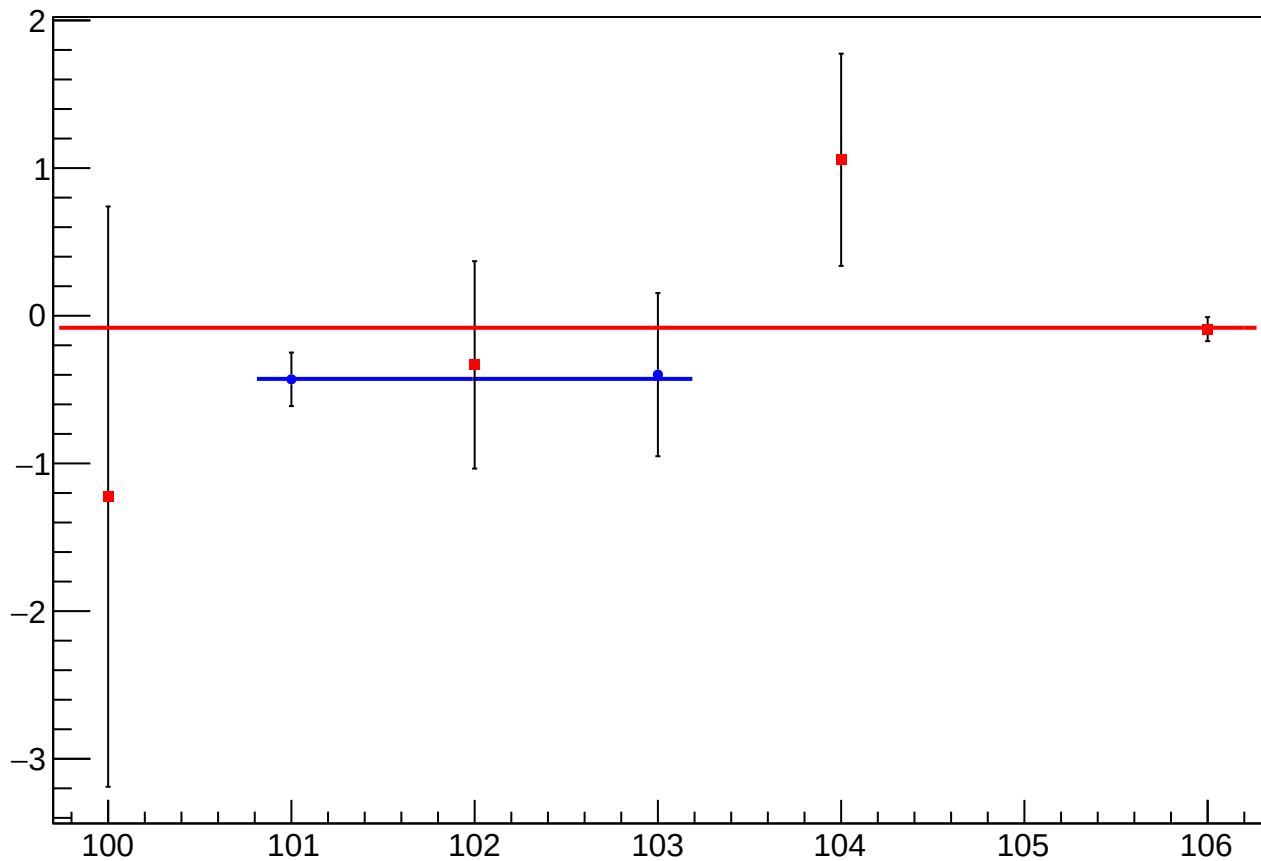
Right: 0.002+/-0.000 χ^2/NDF : 1817794.3/5

In: 0.002+/-0.000 χ^2/NDF :609834.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1817794.3/5

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.081 ± 0.080 $\chi^2/\text{NDF}: 3.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

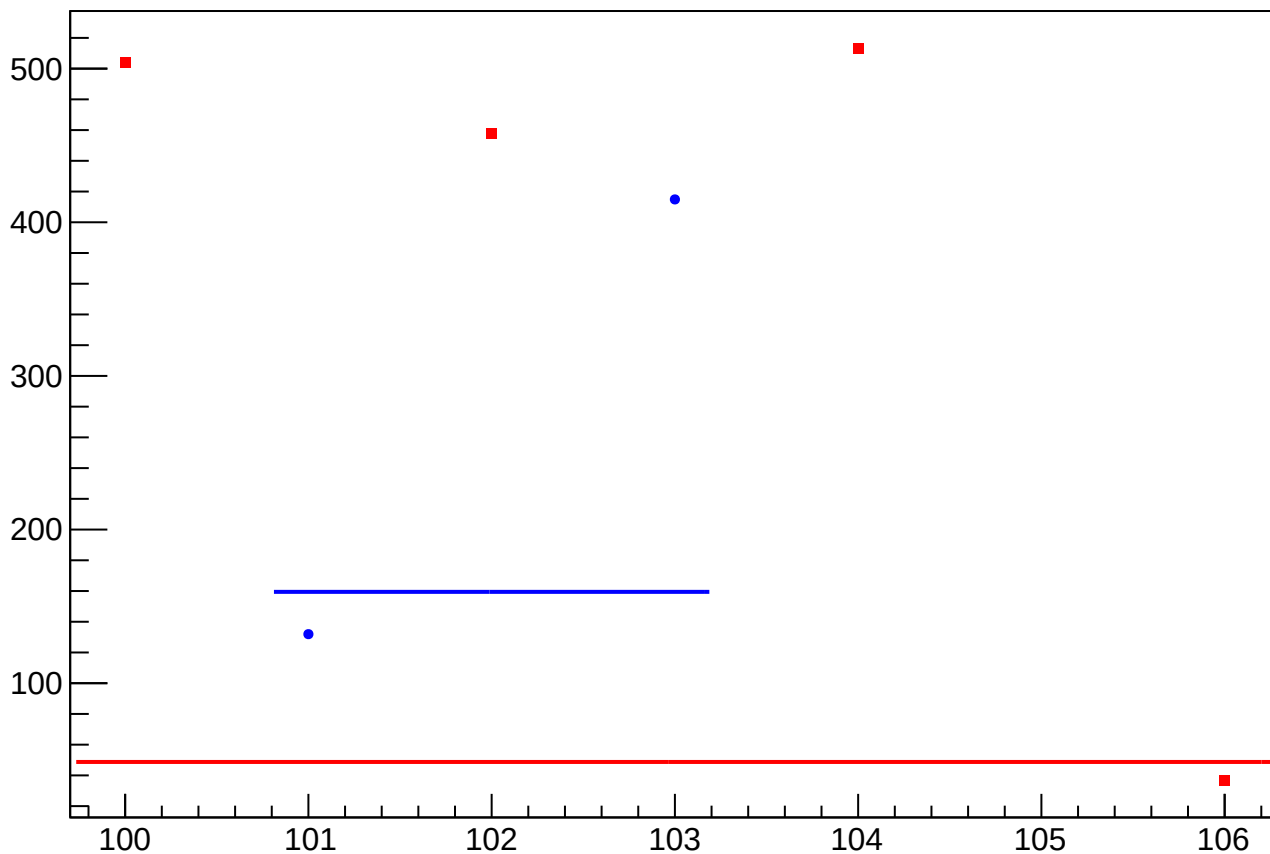
Right: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.748+/-0.057 χ^2/NDF : 1666793.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

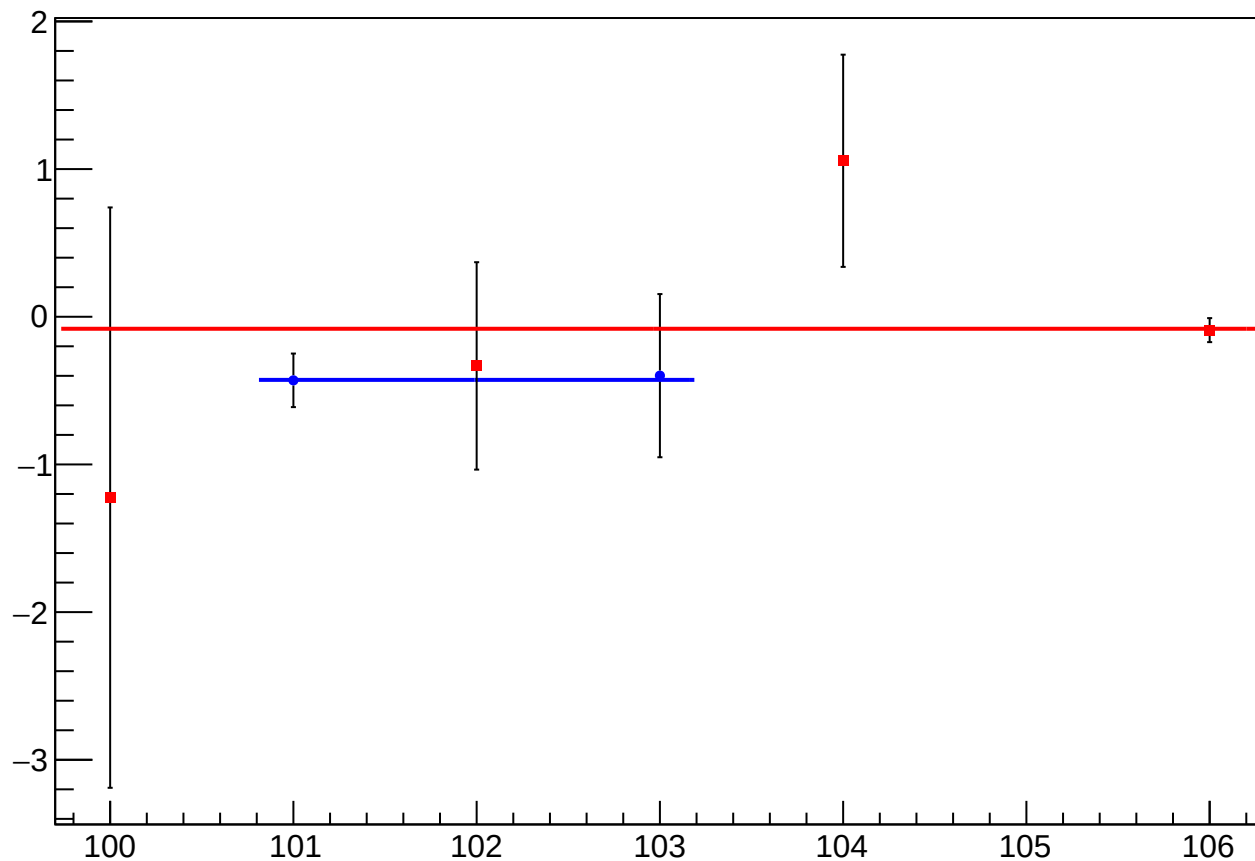
Right: 68.453+/-0.051 χ^2/NDF : 2818899.2/5

In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.453+/-0.051 χ^2/NDF : 2818899.2/5

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.081 ± 0.080 $\chi^2/\text{NDF}: 3.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

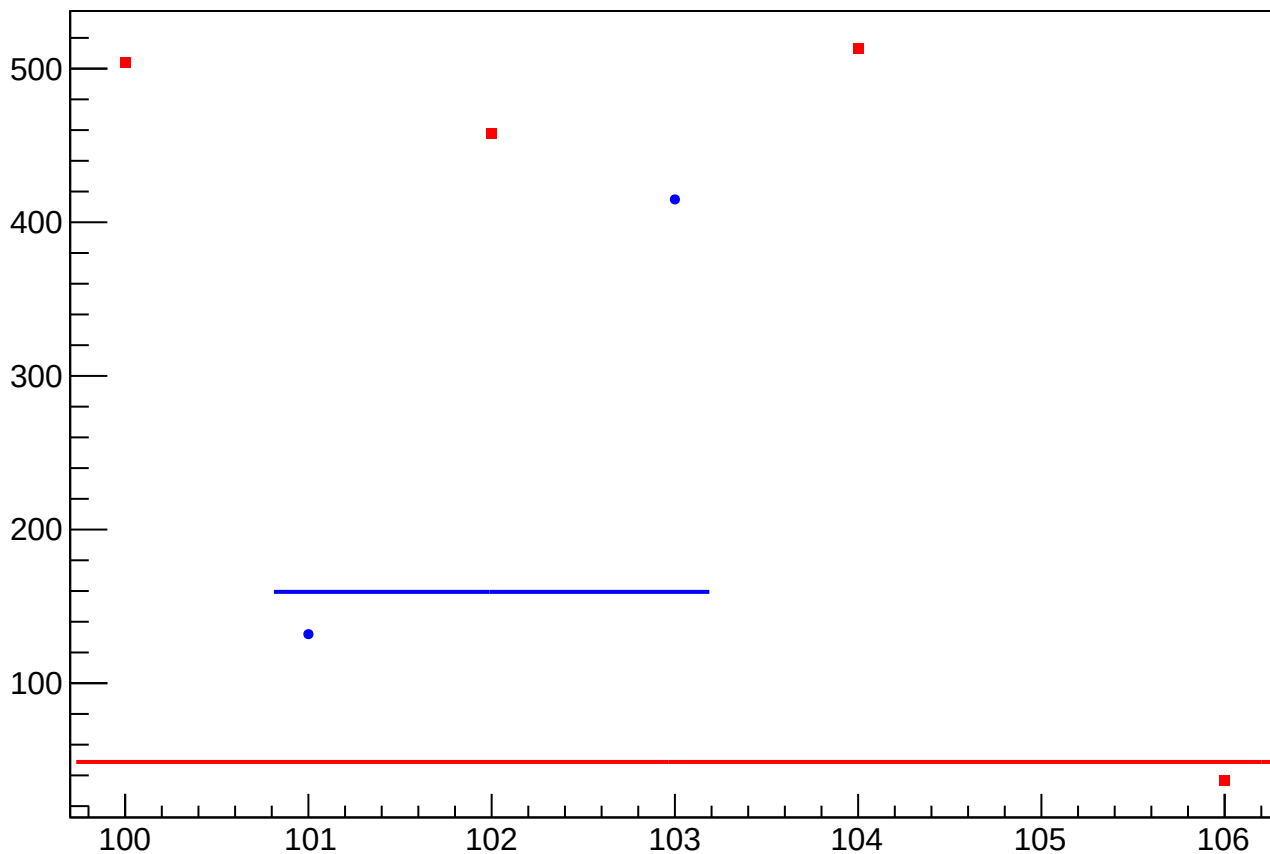
Right: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

In: -0.427 ± 0.172 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.143 ± 0.073 $\chi^2/\text{NDF}: 6.3/5$

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.748+/-0.057 χ^2/NDF : 1666793.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

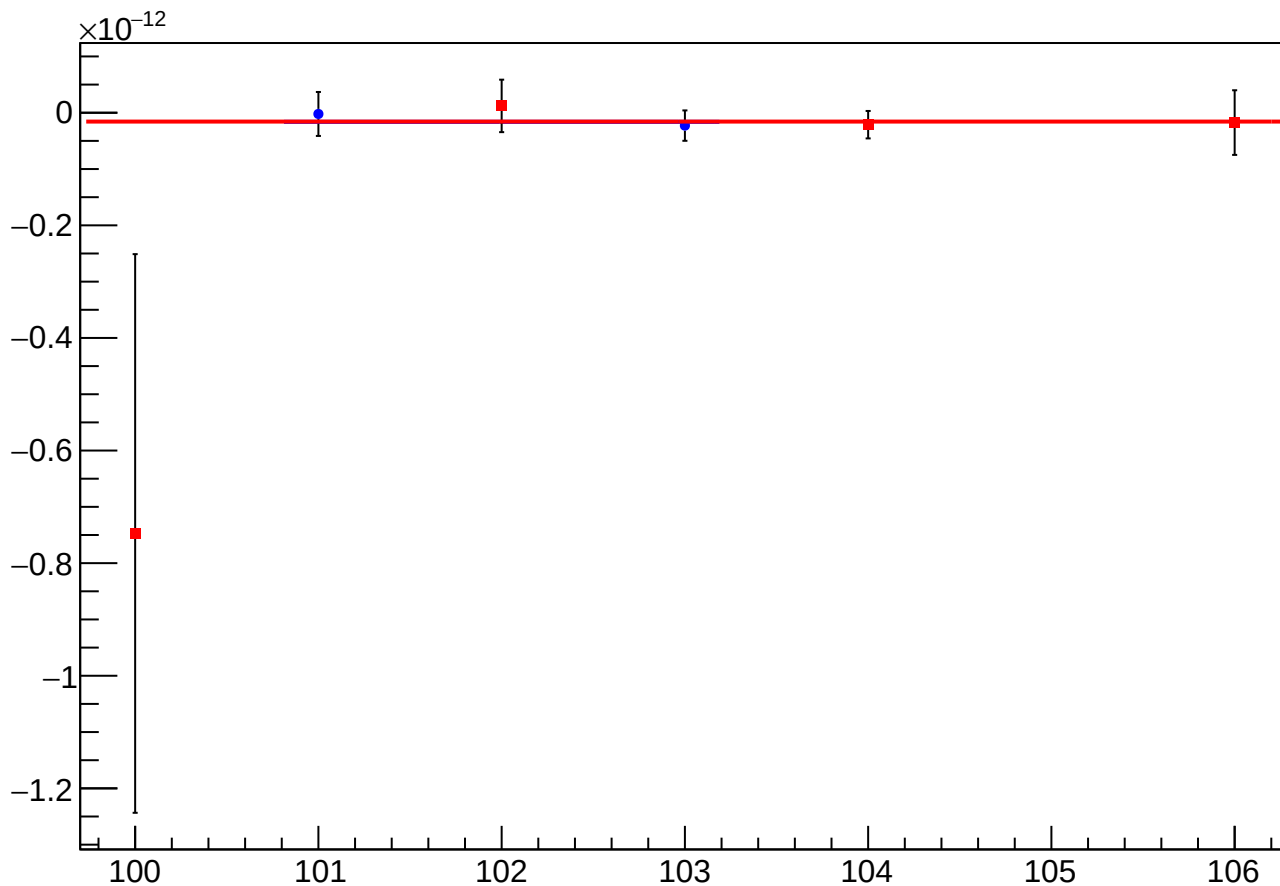
Right: 68.453+/-0.051 χ^2/NDF : 2818899.2/5

In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.453+/-0.051 χ^2/NDF : 2818899.2/5

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

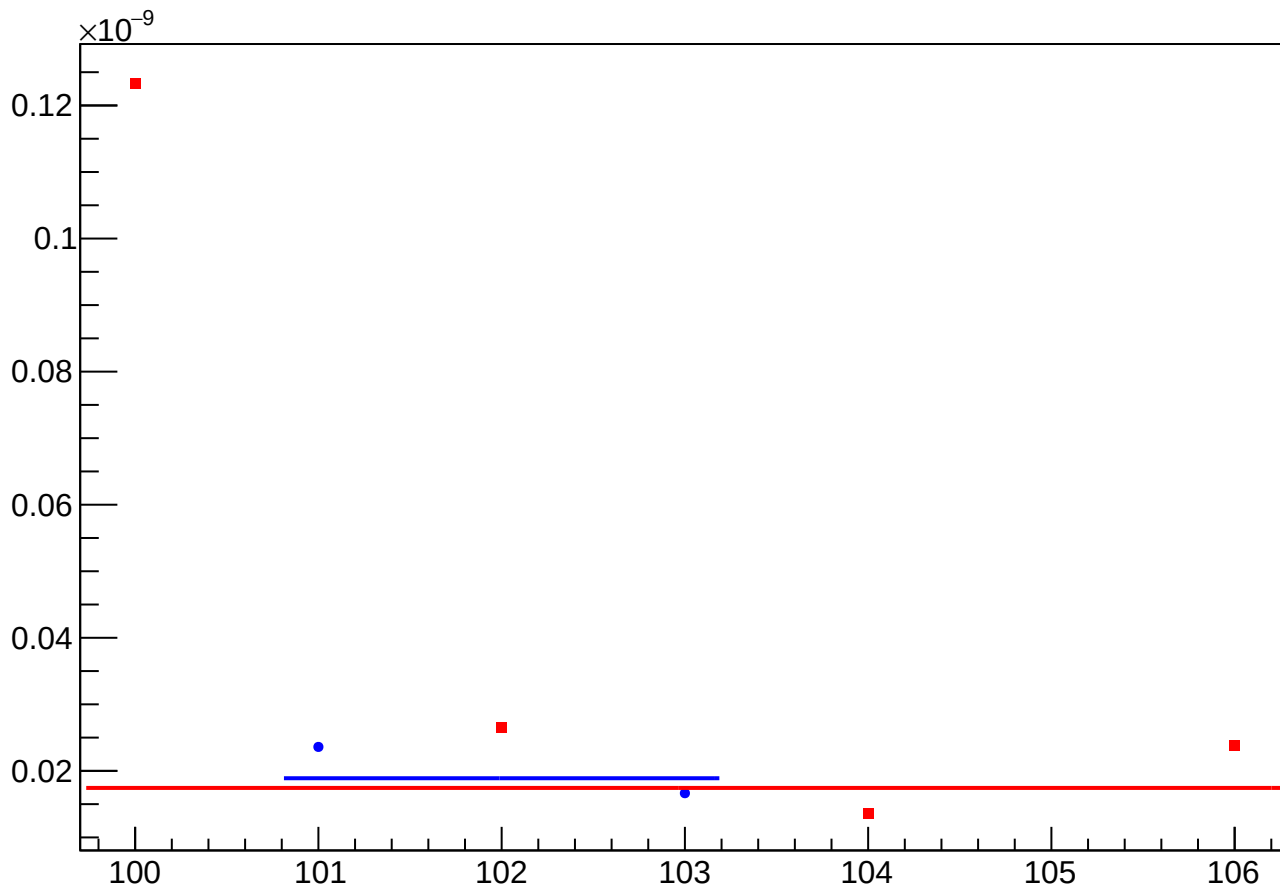
Right: -0.000+/-0.000 χ^2/NDF : 2.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/5

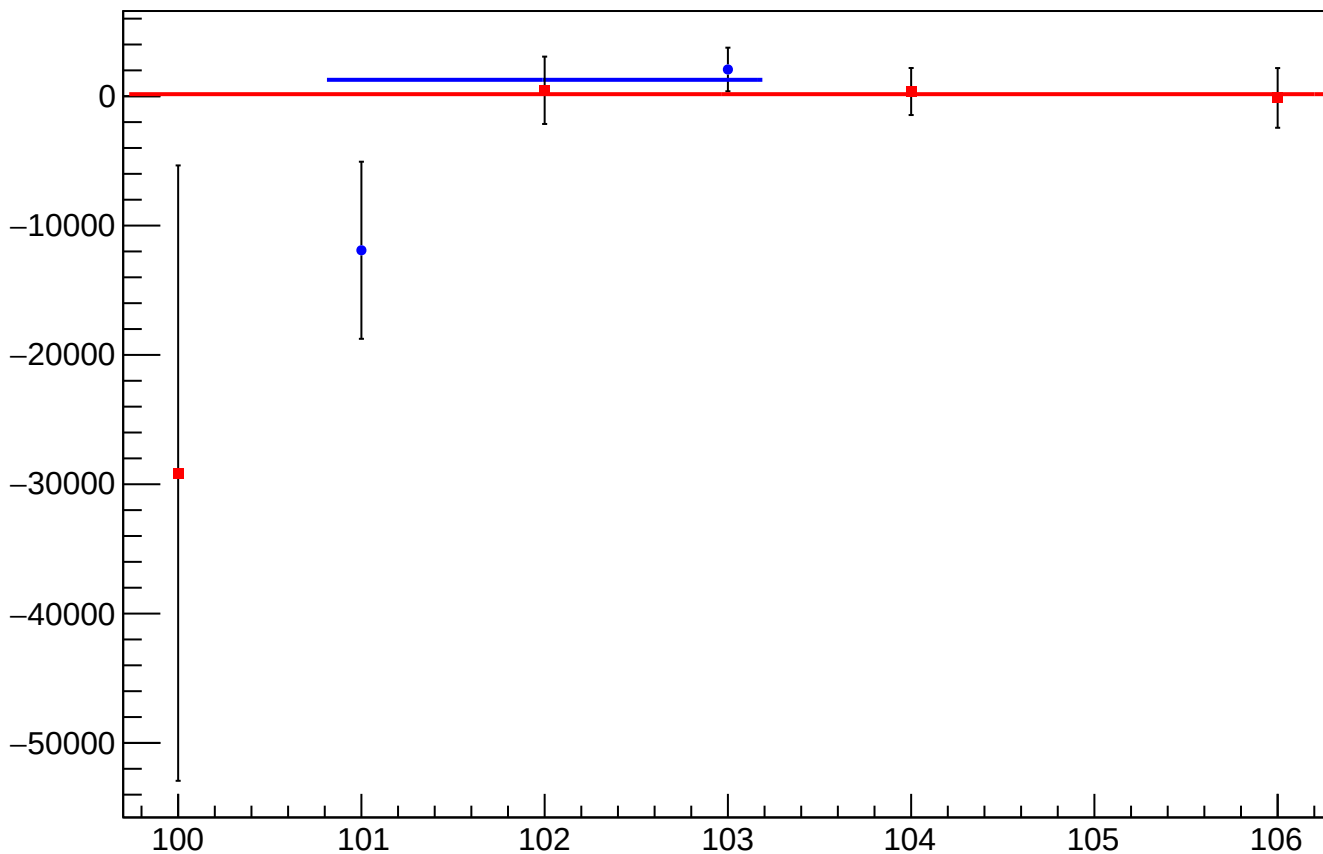
asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 42967.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 241237.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 288911.4/5
 In: 0.000+/-0.000 χ^2/NDF : 42967.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 288911.4/5

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1270.312+/-1637.078 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.271+/-1250.626 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

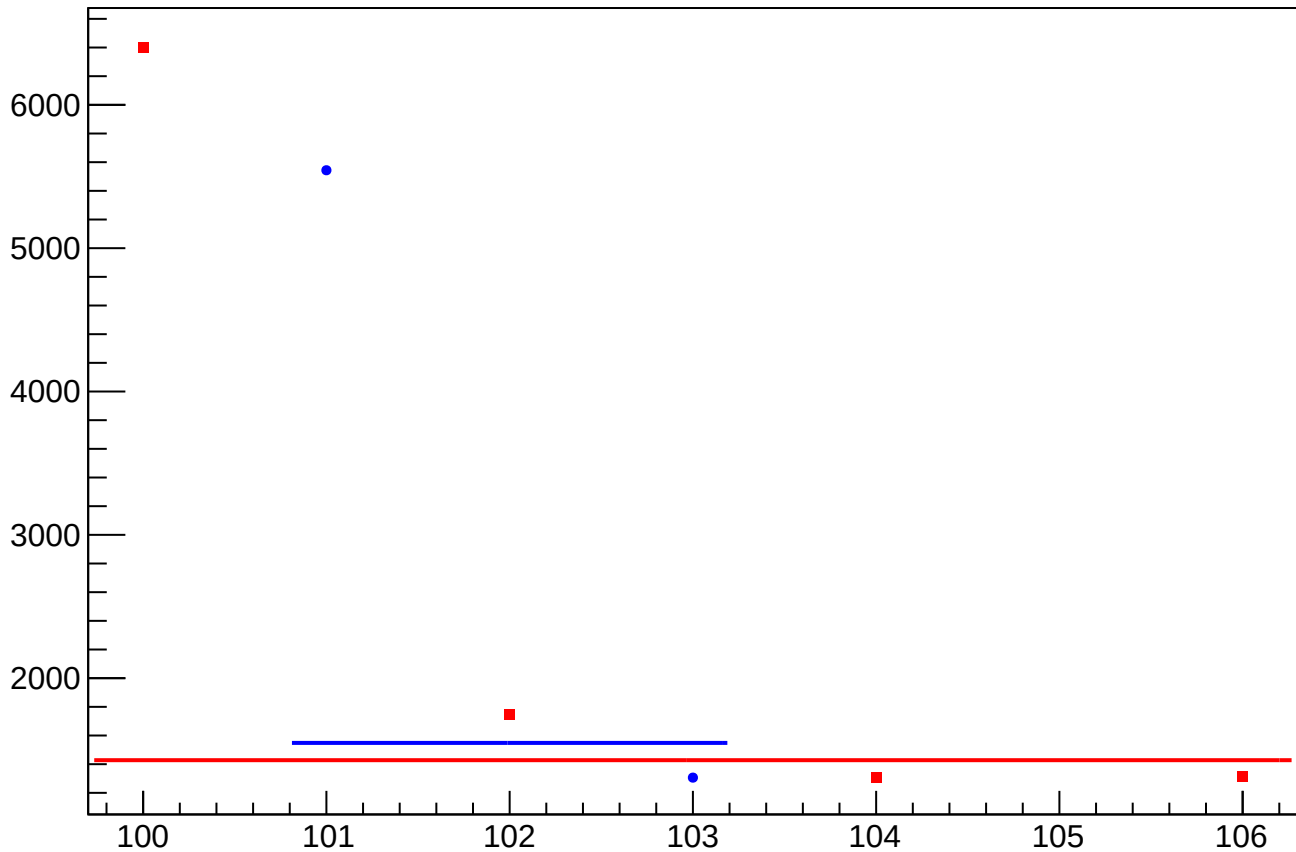
Right: 569.352+/-993.813 χ^2/NDF : 5.8/5

In: 1270.312+/-1637.078 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.352+/-993.813 χ^2/NDF : 5.8/5

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722288.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1427.835+/-0.884 χ^2/NDF : 130993.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

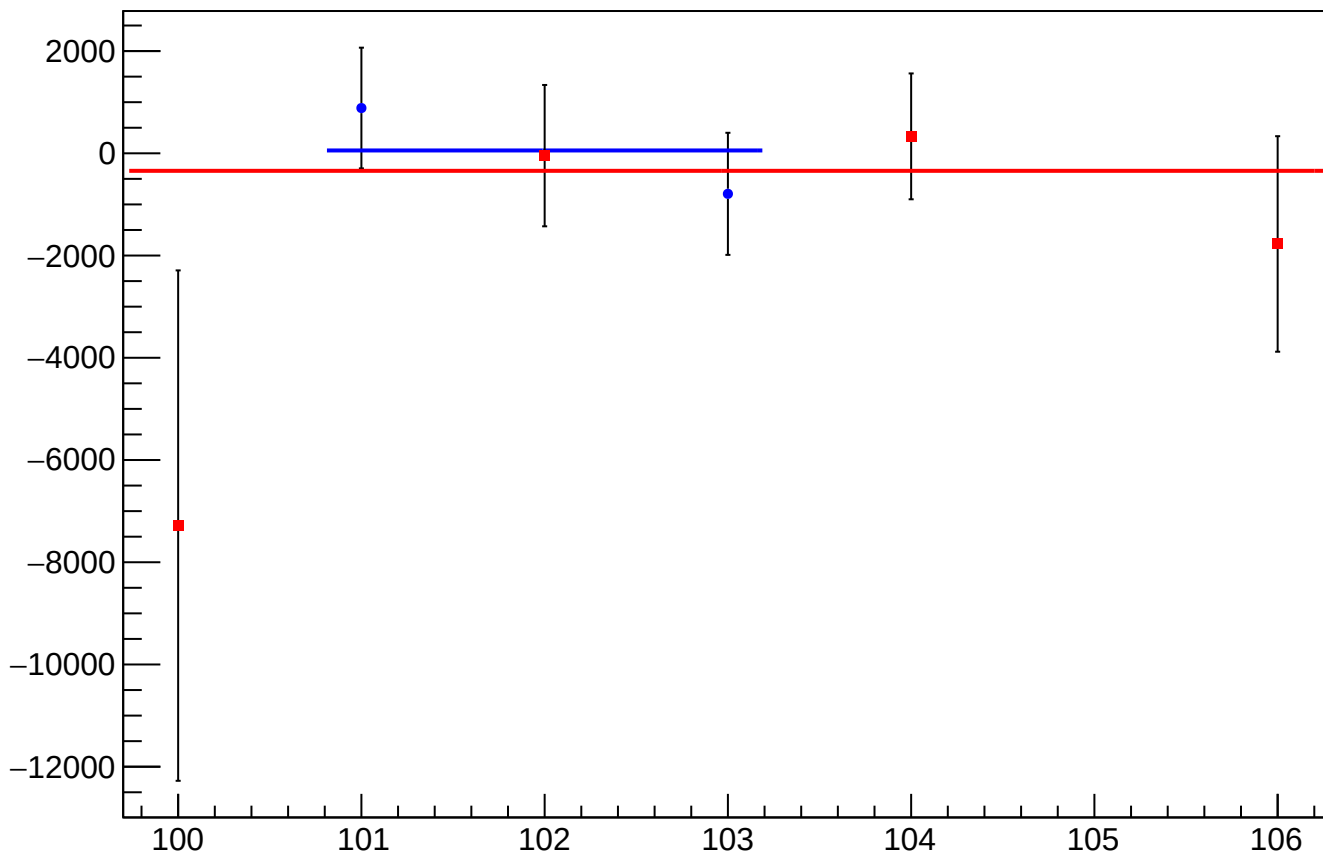
Right: 1472.271+/-0.703 χ^2/NDF : 860132.9/5

In: 1548.413+/-1.158 χ^2/NDF : 722288.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1472.271+/-0.703 χ^2/NDF : 860132.9/5

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 55.797+/-839.645 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -342.730+/-830.977 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

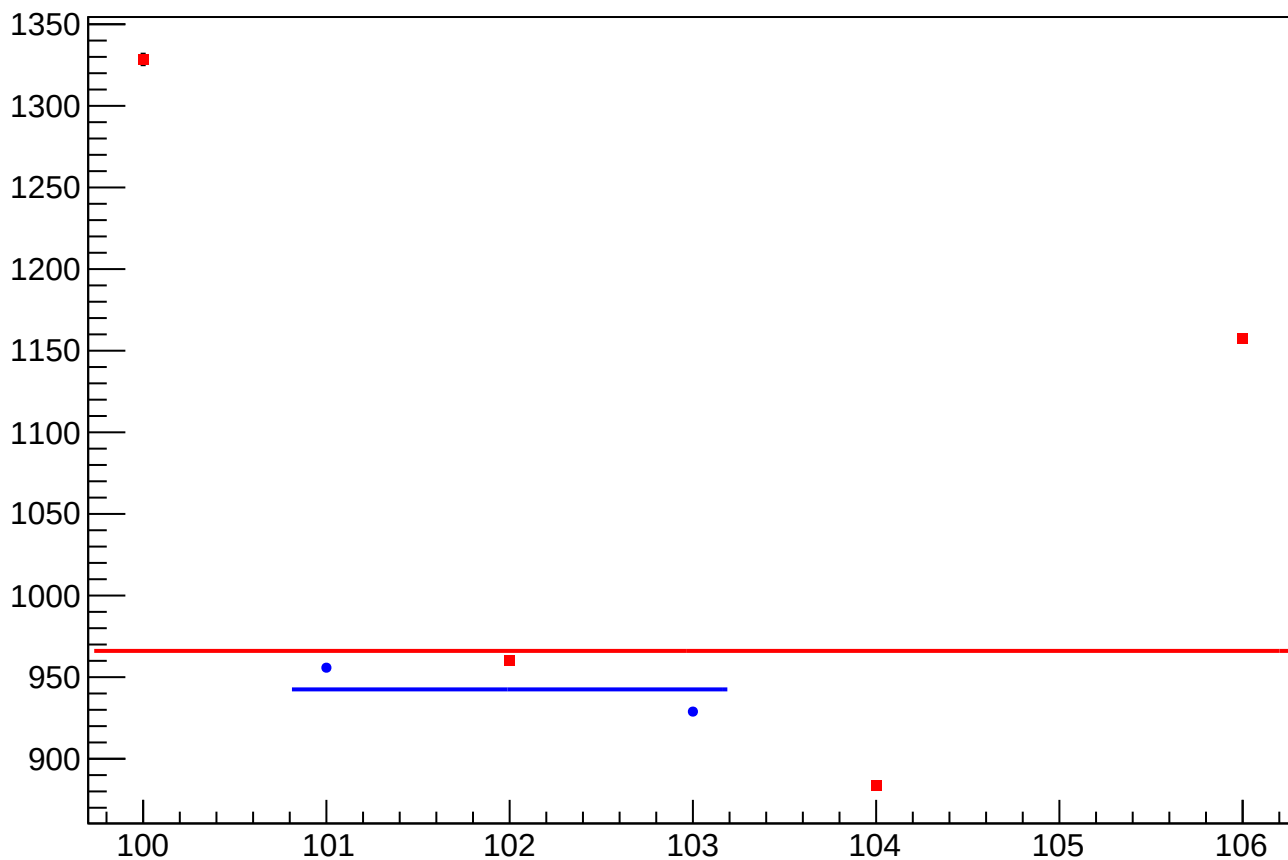
Right: -145.534+/-590.630 χ^2/NDF : 3.9/5

In: 55.797+/-839.645 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.534+/-590.630 χ^2/NDF : 3.9/5

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 942.506+/-0.594 χ^2/NDF : 513.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 966.090+/-0.588 χ^2/NDF : 36006.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

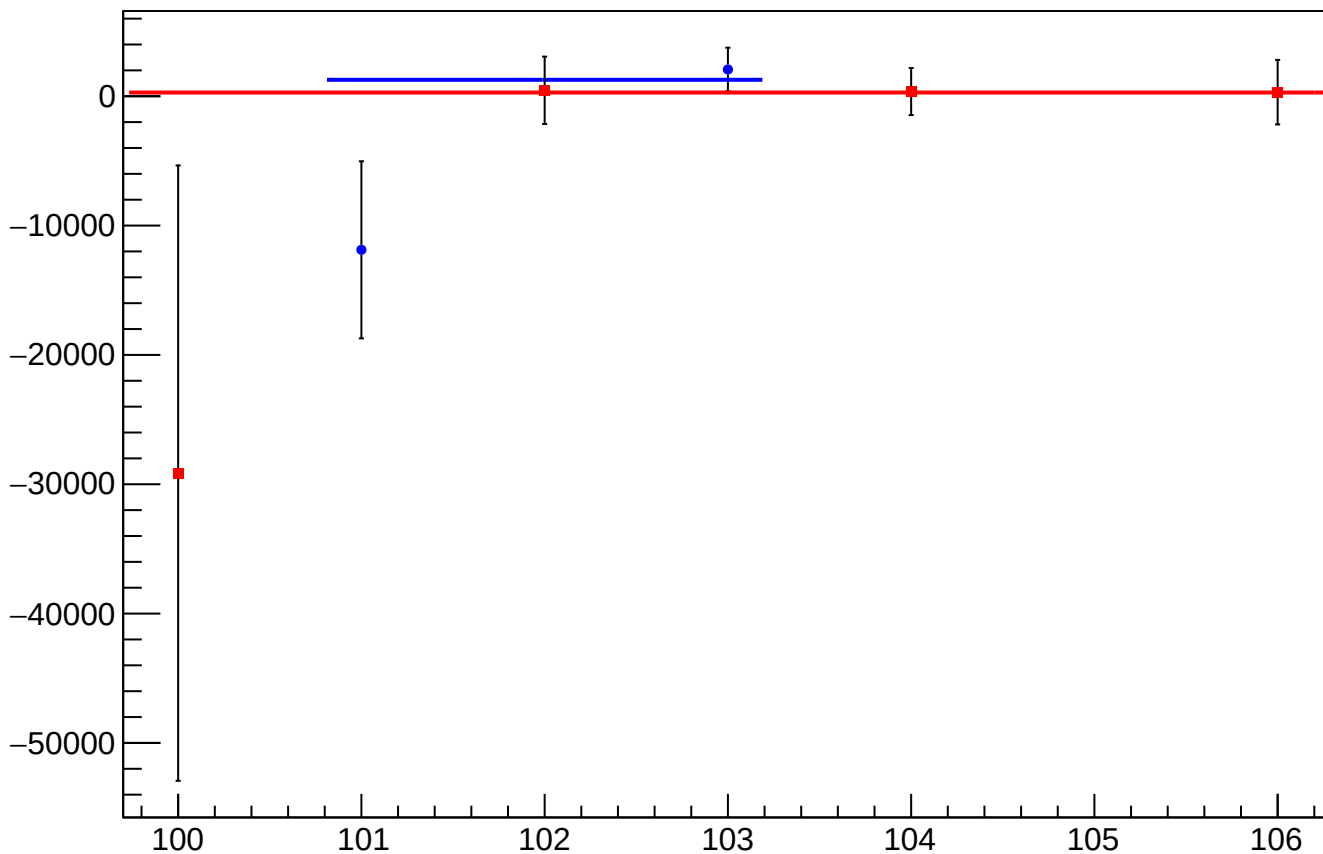
Right: 954.420+/-0.418 χ^2/NDF : 37317.0/5

In: 942.506+/-0.594 χ^2/NDF : 513.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.420+/-0.418 χ^2/NDF : 37317.0/5

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1272.062 $\pm$ 1637.081 χ^2 /NDF: 3.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 287.084 $\pm$ 1277.959 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

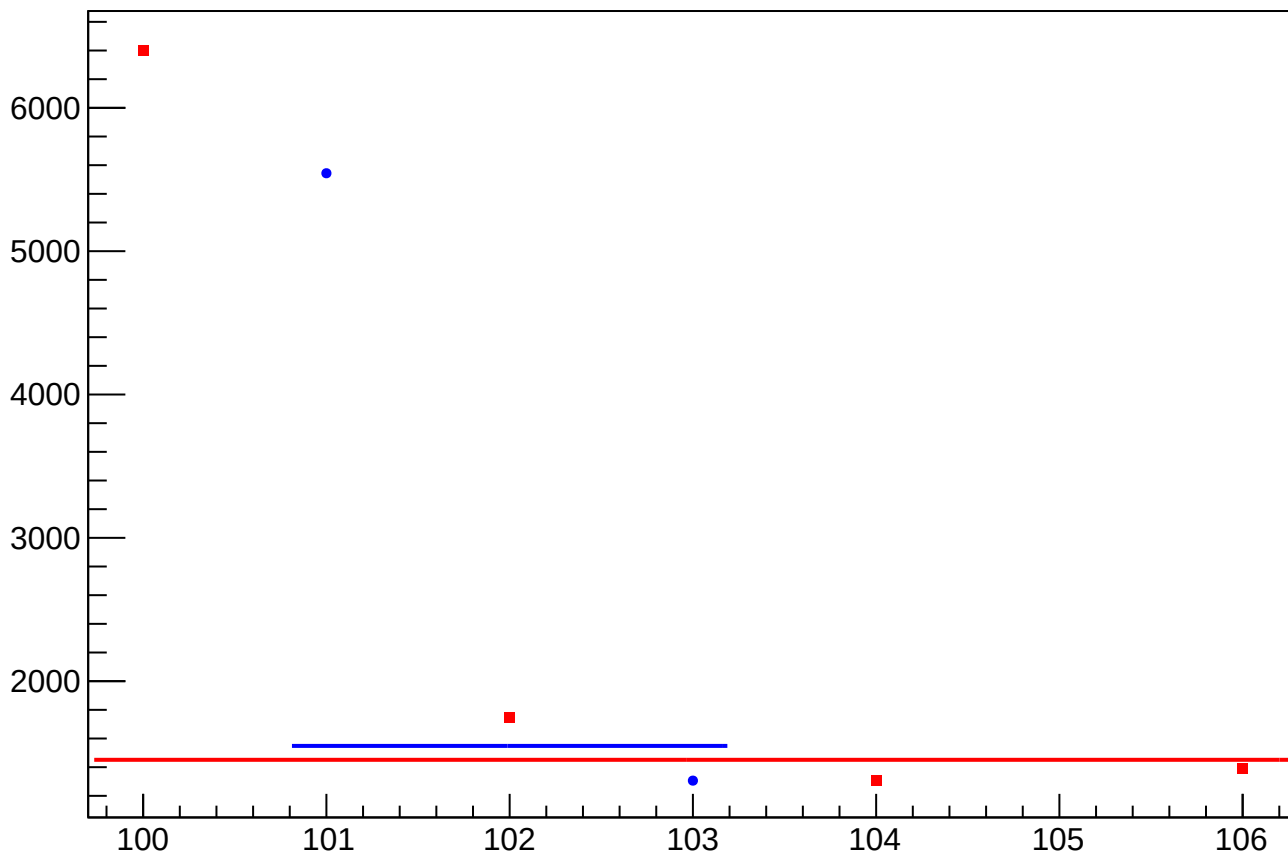
Right: 660.042 $\pm$ 1007.364 χ^2 /NDF: 5.7/5

In: 1272.062 $\pm$ 1637.081 χ^2 /NDF: 3.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 660.042 $\pm$ 1007.364 χ^2 /NDF: 5.7/5

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.410+/-0.904 χ^2/NDF : 126233.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

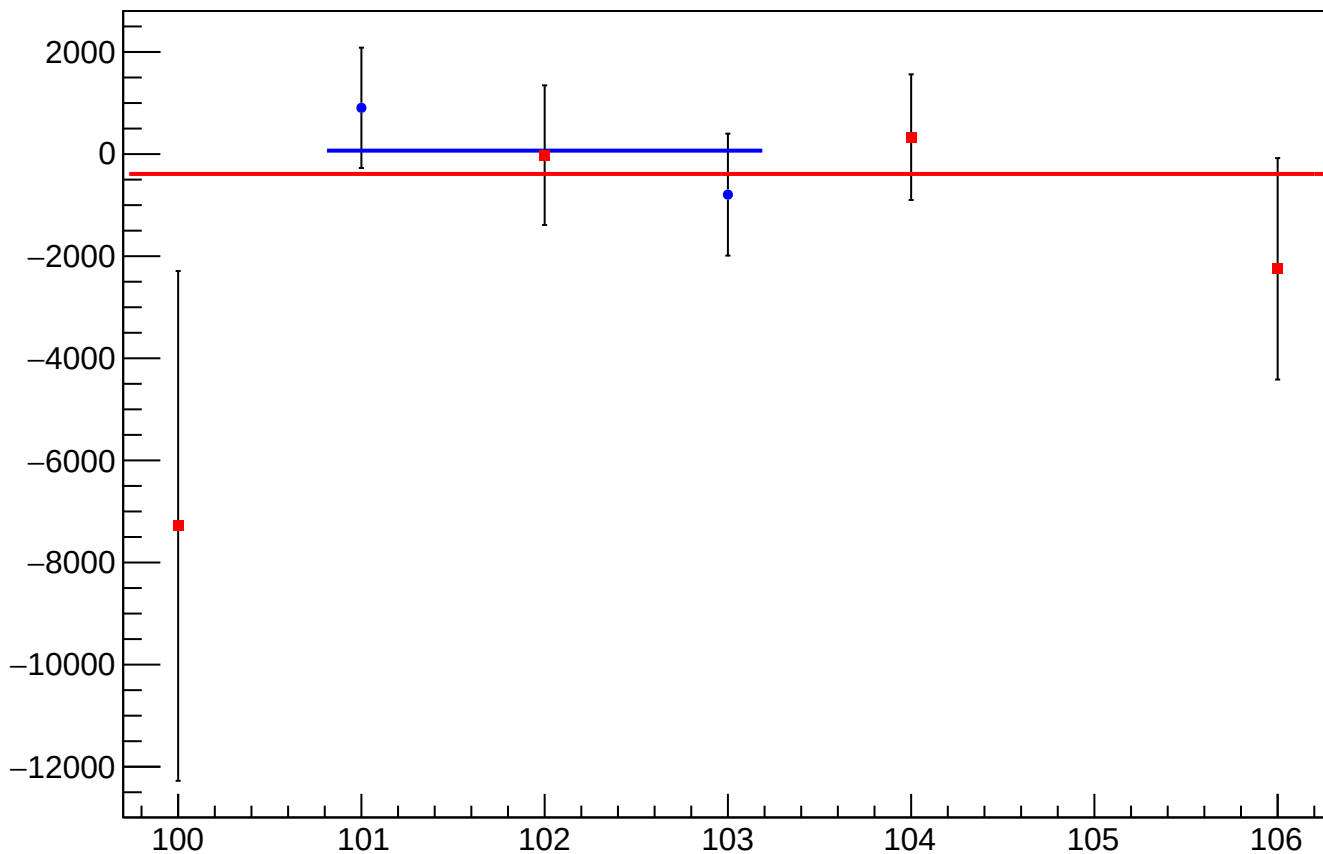
Right: 1488.139+/-0.712 χ^2/NDF : 852883.6/5

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.139+/-0.712 χ^2/NDF : 852883.6/5

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.646+/-831.099 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

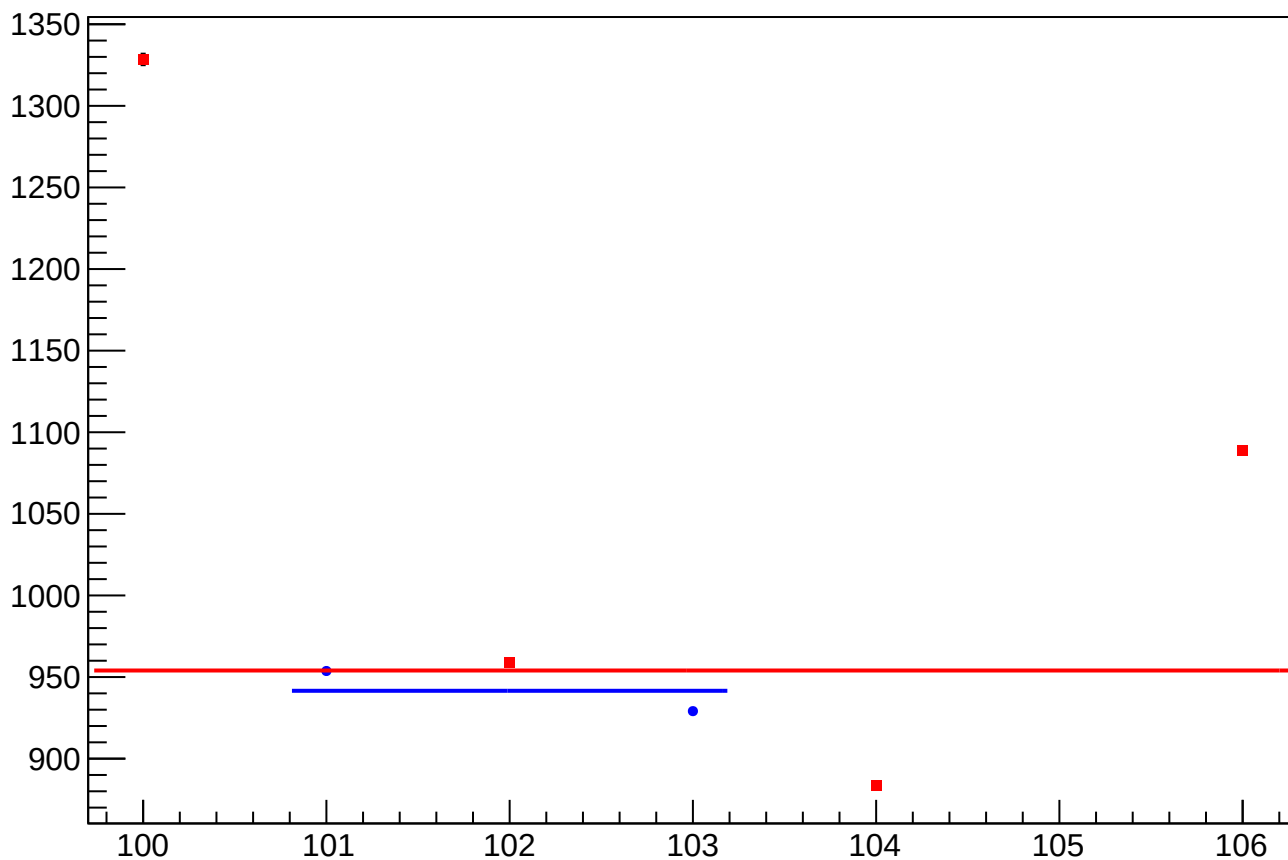
Right: -162.689+/-590.373 χ^2/NDF : 4.2/5

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.689+/-590.373 χ^2/NDF : 4.2/5

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 954.014+/-0.588 χ^2/NDF : 25554.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

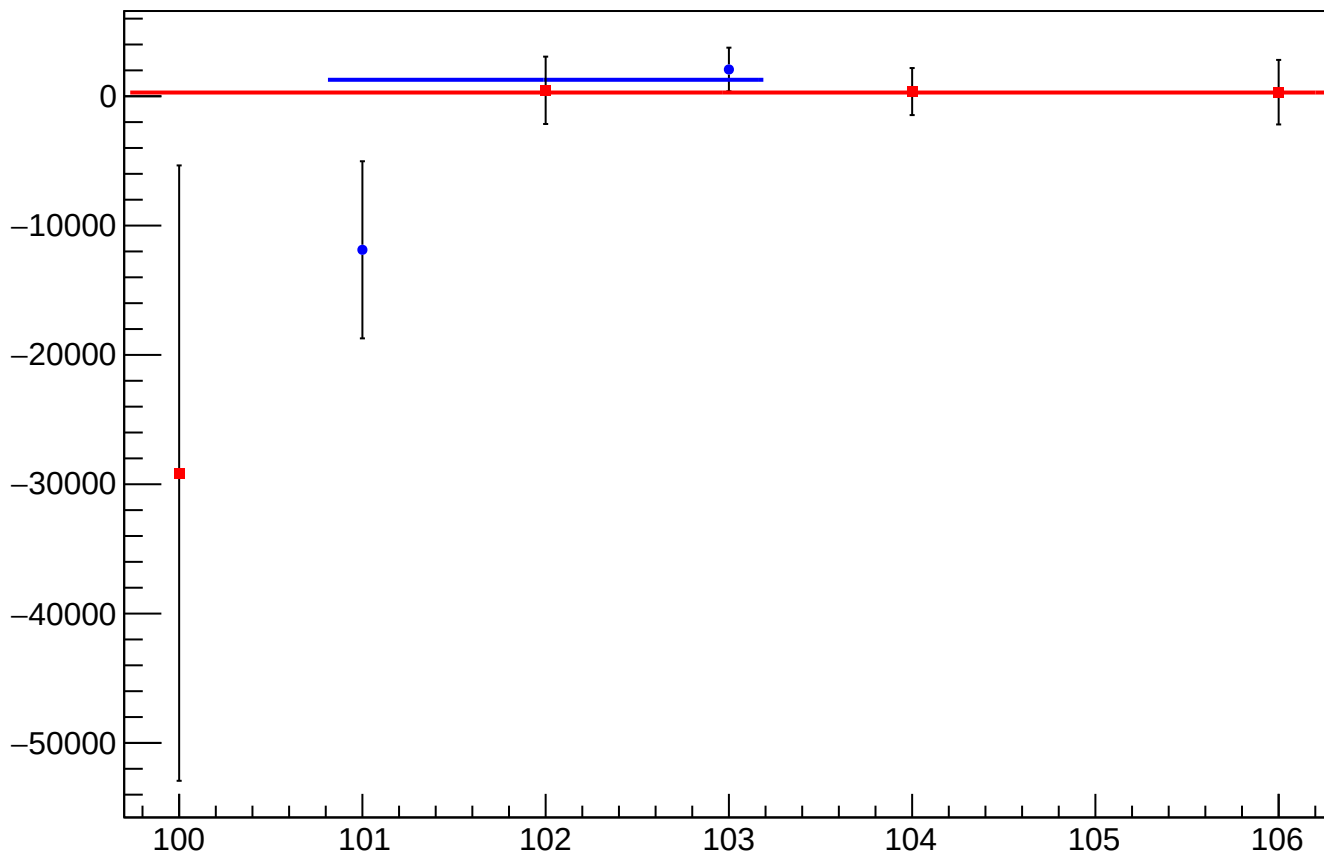
Right: 947.854+/-0.417 χ^2/NDF : 26205.8/5

In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 947.854+/-0.417 χ^2/NDF : 26205.8/5

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1272.062+/-1637.081 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.084+/-1277.959 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

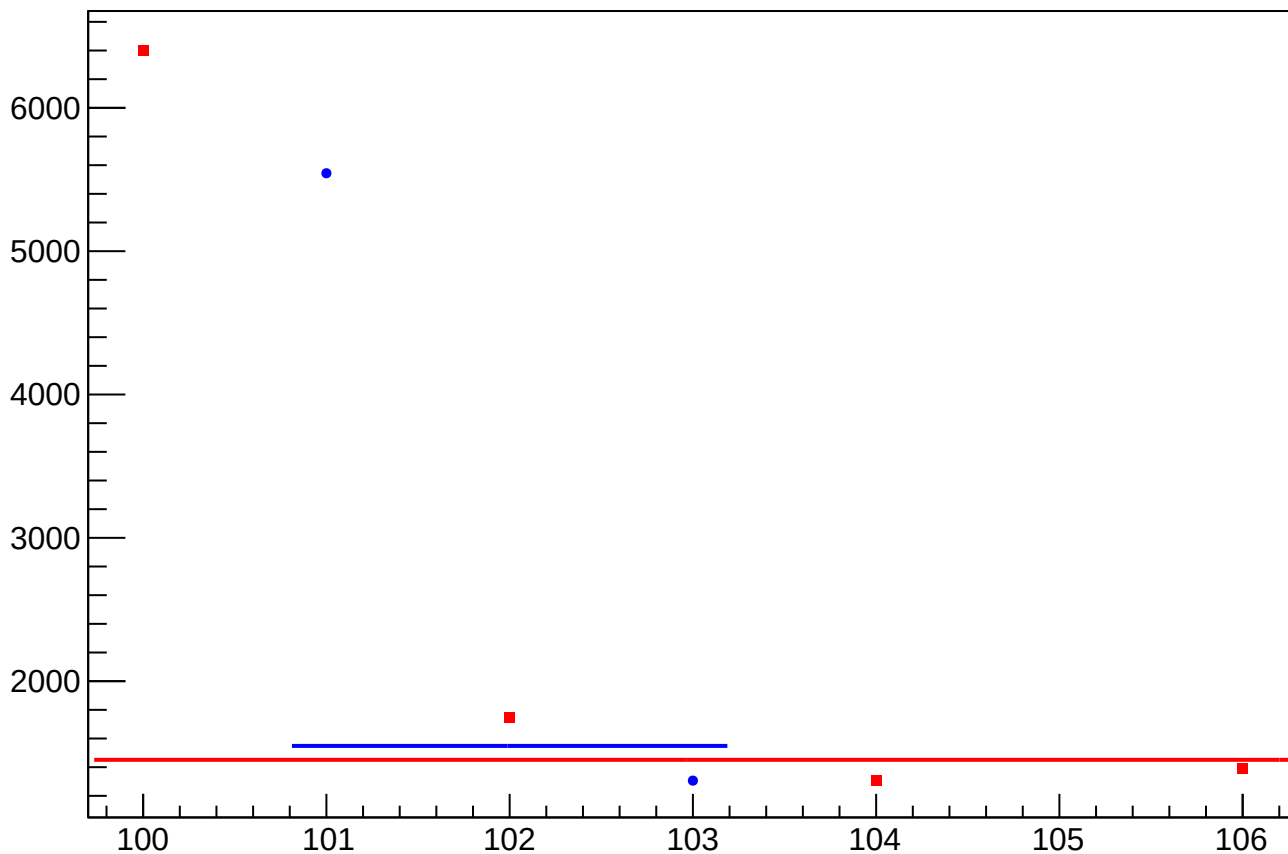
Right: 660.042+/-1007.364 χ^2/NDF : 5.7/5

In: 1272.062+/-1637.081 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 660.042+/-1007.364 χ^2/NDF : 5.7/5

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.410+/-0.904 χ^2/NDF : 126233.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

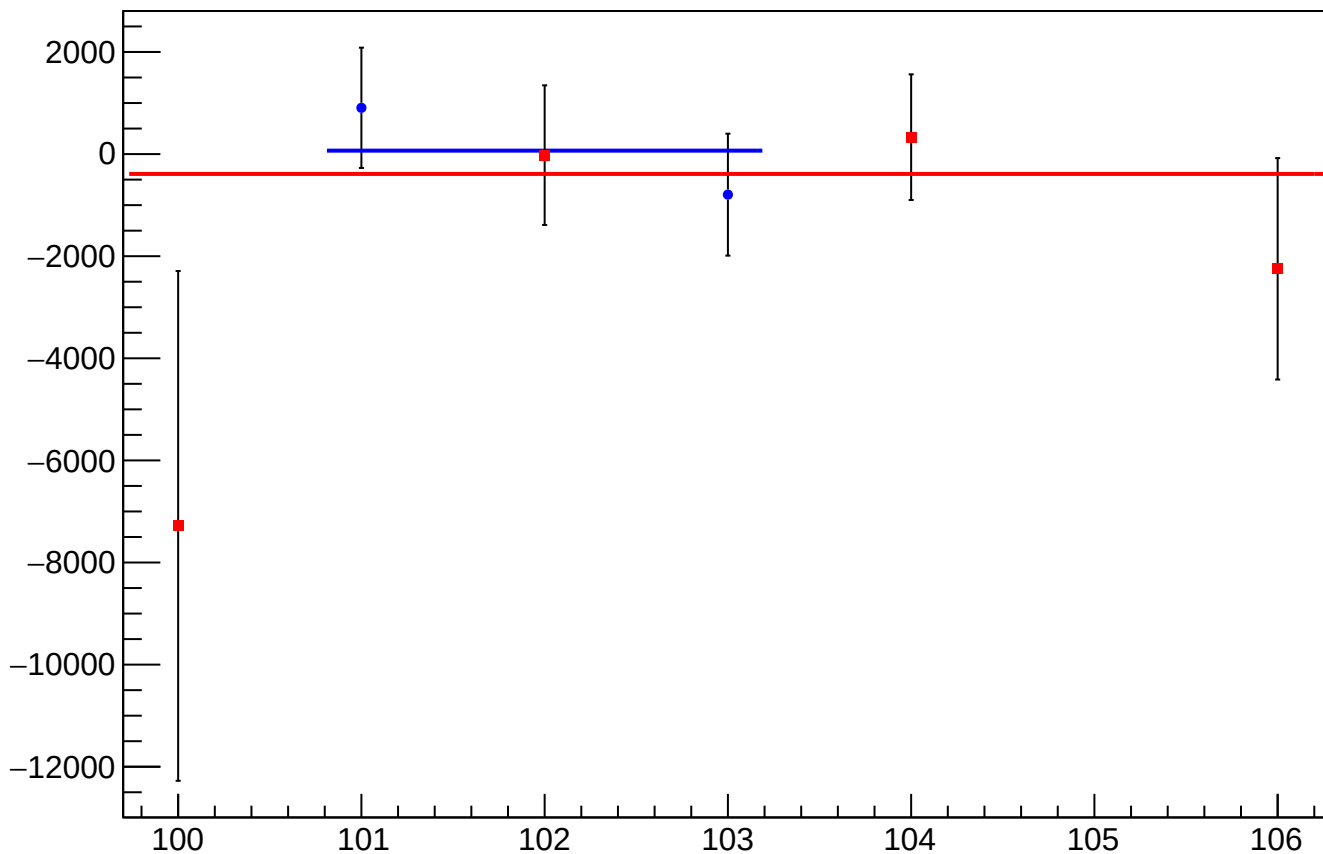
Right: 1488.139+/-0.712 χ^2/NDF : 852883.6/5

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.139+/-0.712 χ^2/NDF : 852883.6/5

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.646+/-831.099 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

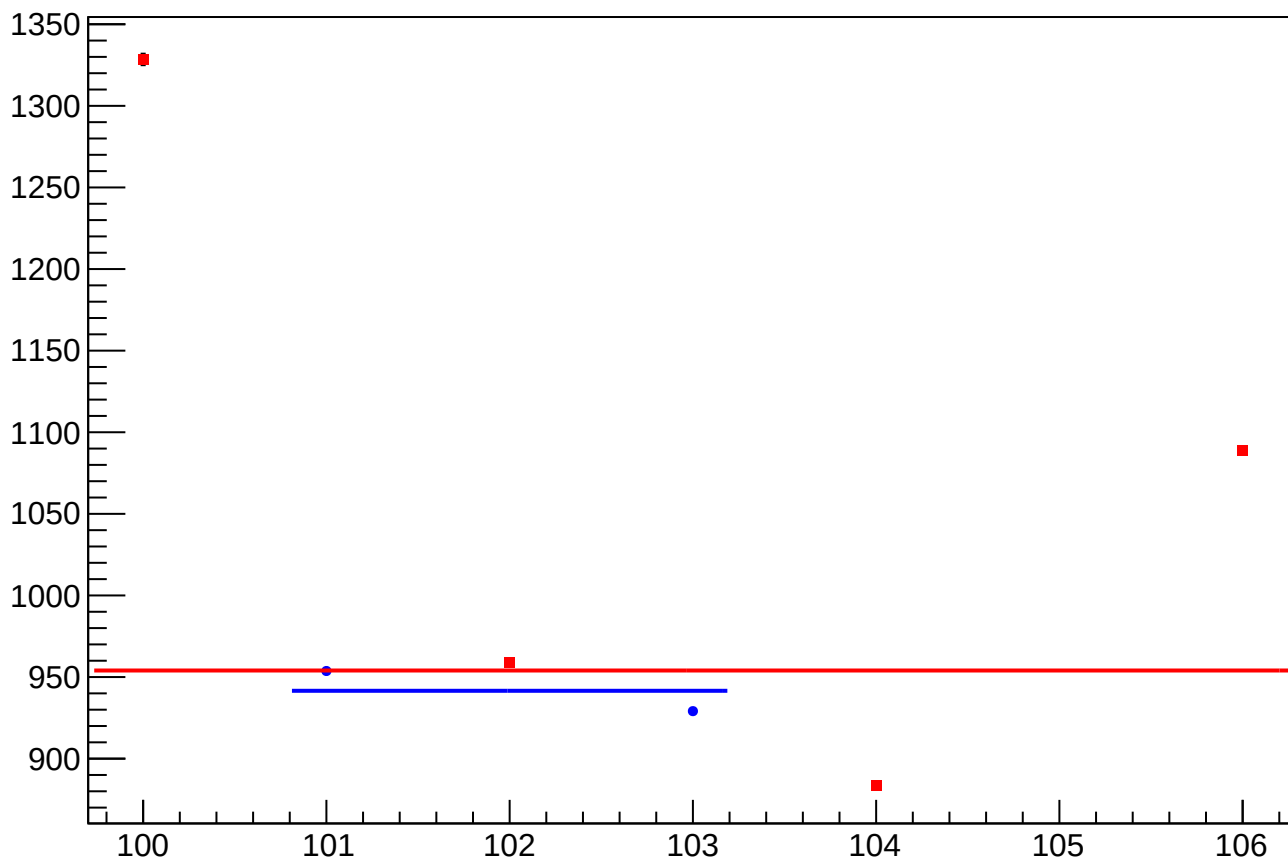
Right: -162.689+/-590.373 χ^2/NDF : 4.2/5

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.689+/-590.373 χ^2/NDF : 4.2/5

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 941.579 ± 0.593 $\chi^2/\text{NDF}: 429.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 954.014 ± 0.588 $\chi^2/\text{NDF}: 25554.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

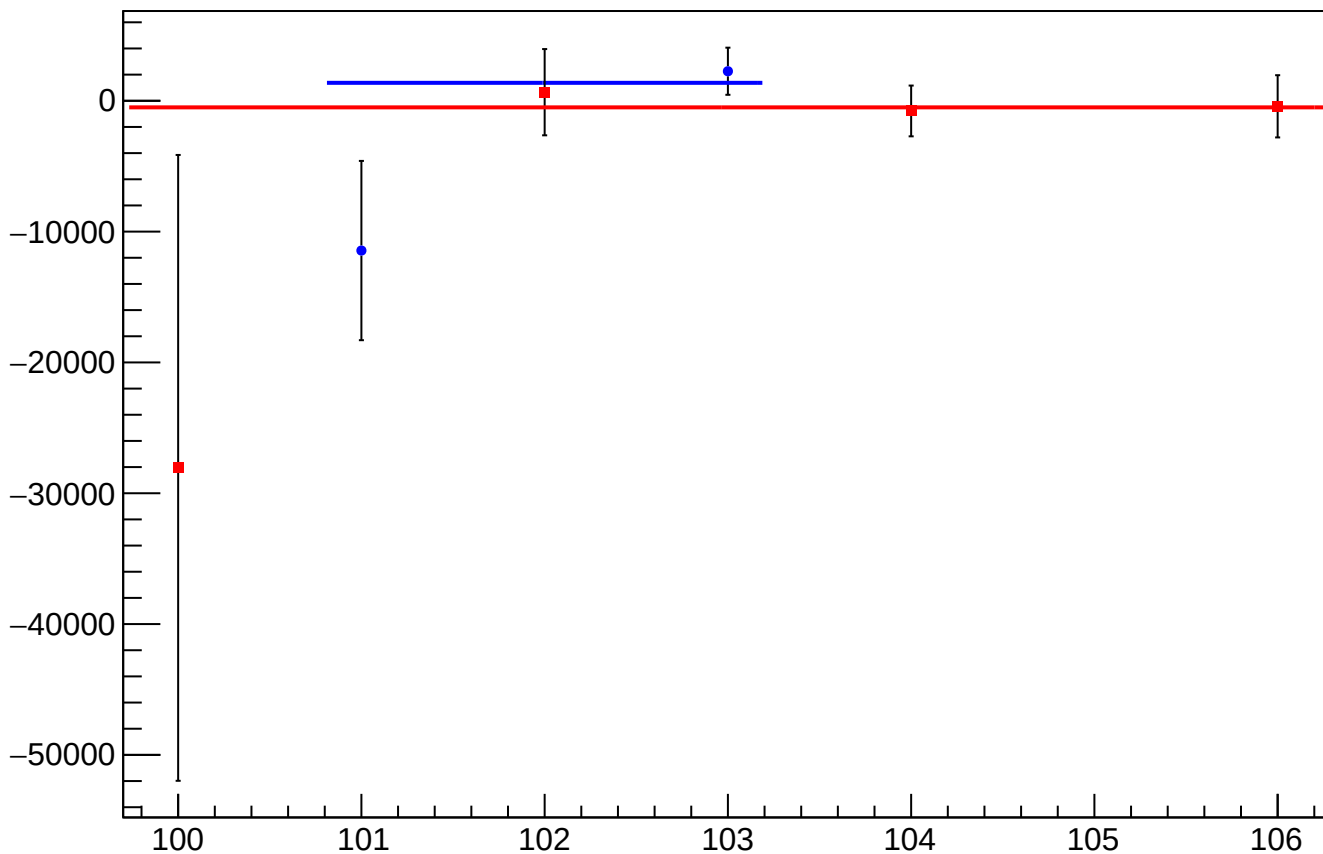
Right: 947.854 ± 0.417 $\chi^2/\text{NDF}: 26205.8/5$

In: 941.579 ± 0.593 $\chi^2/\text{NDF}: 429.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 947.854 ± 0.417 $\chi^2/\text{NDF}: 26205.8/5$

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1373.385+/-1742.009 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -502.556+/-1365.813 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

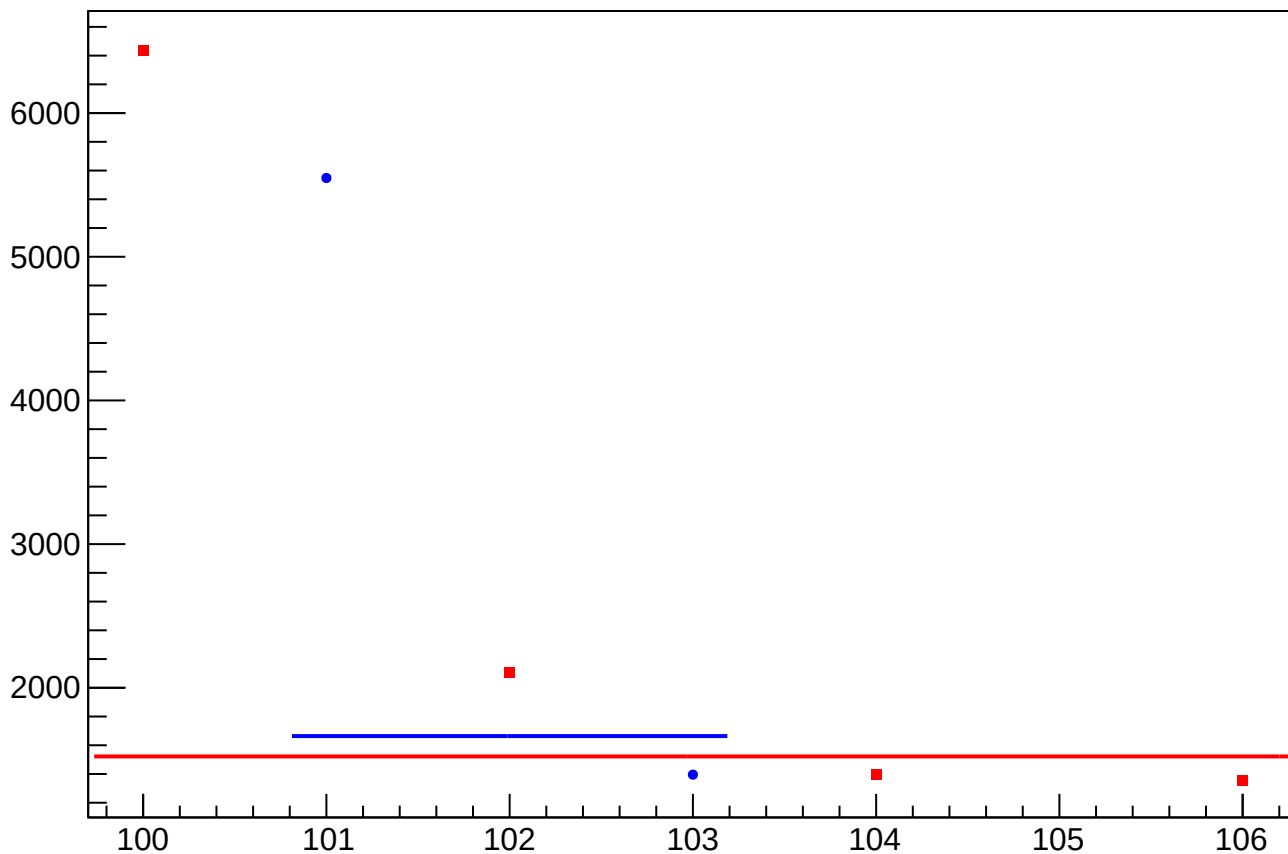
Right: 211.615+/-1074.835 χ^2/NDF : 5.9/5

In: 1373.385+/-1742.009 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.615+/-1074.835 χ^2/NDF : 5.9/5

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1663.917+/-1.232 χ^2/NDF : 687024.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.184+/-0.966 χ^2/NDF : 166121.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

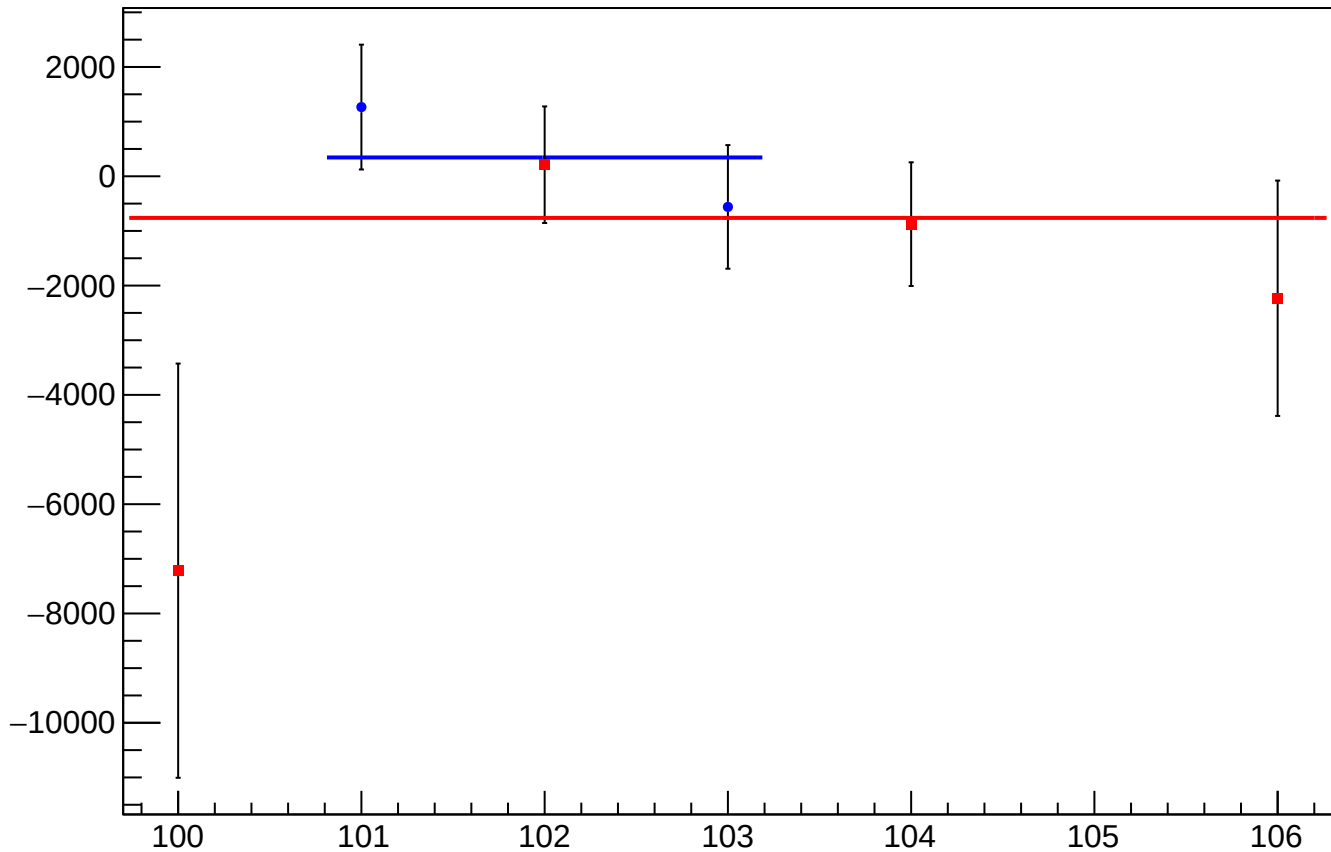
Right: 1576.141+/-0.760 χ^2/NDF : 861346.0/5

In: 1663.917+/-1.232 χ^2/NDF : 687024.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.141+/-0.760 χ^2/NDF : 861346.0/5

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.220+/-803.566 χ^2 /NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -761.500+/-716.936 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

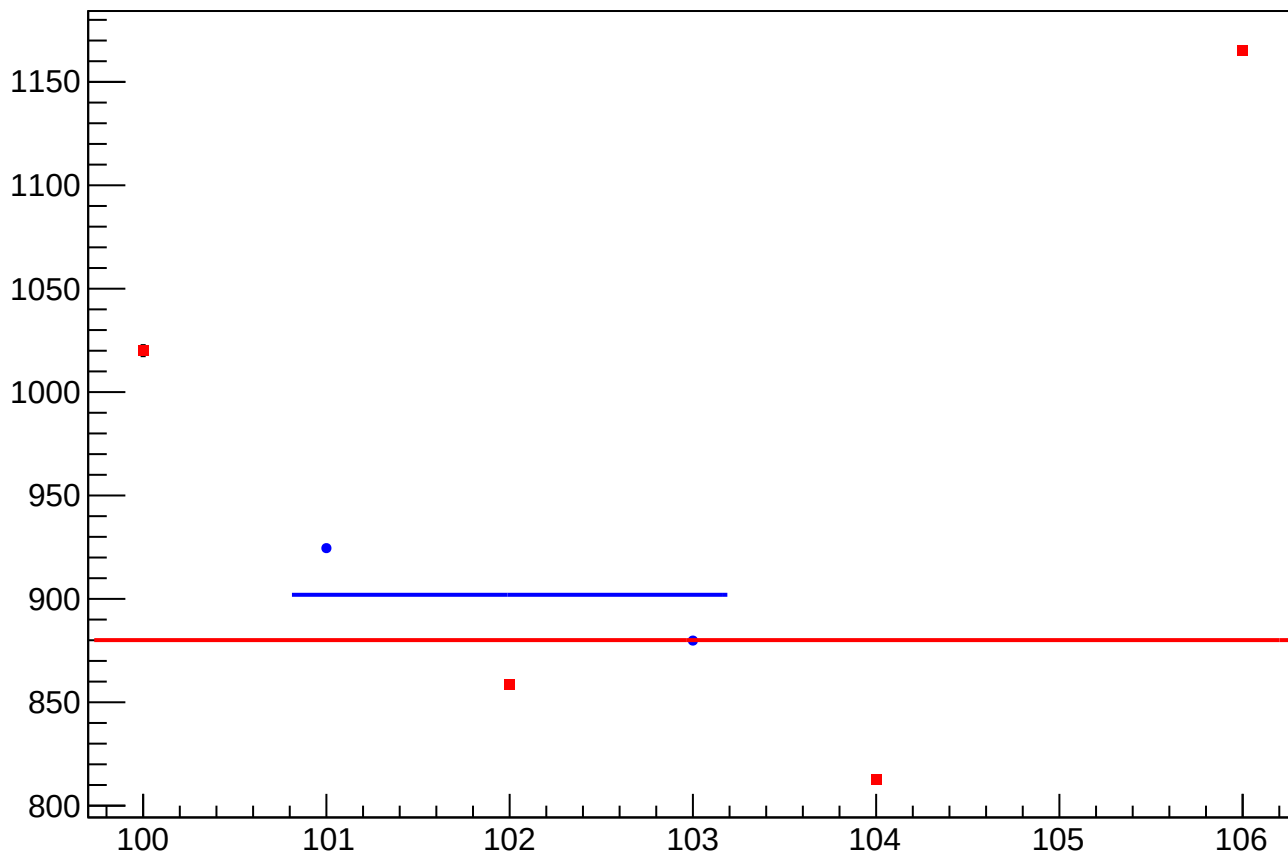
Right: -271.434+/-534.966 χ^2 /NDF: 6.6/5

In: 344.220+/-803.566 χ^2 /NDF: 1.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -271.434+/-534.966 χ^2 /NDF: 6.6/5

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.980+/-0.568 χ^2/NDF : 1547.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 880.066+/-0.507 χ^2/NDF : 45620.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

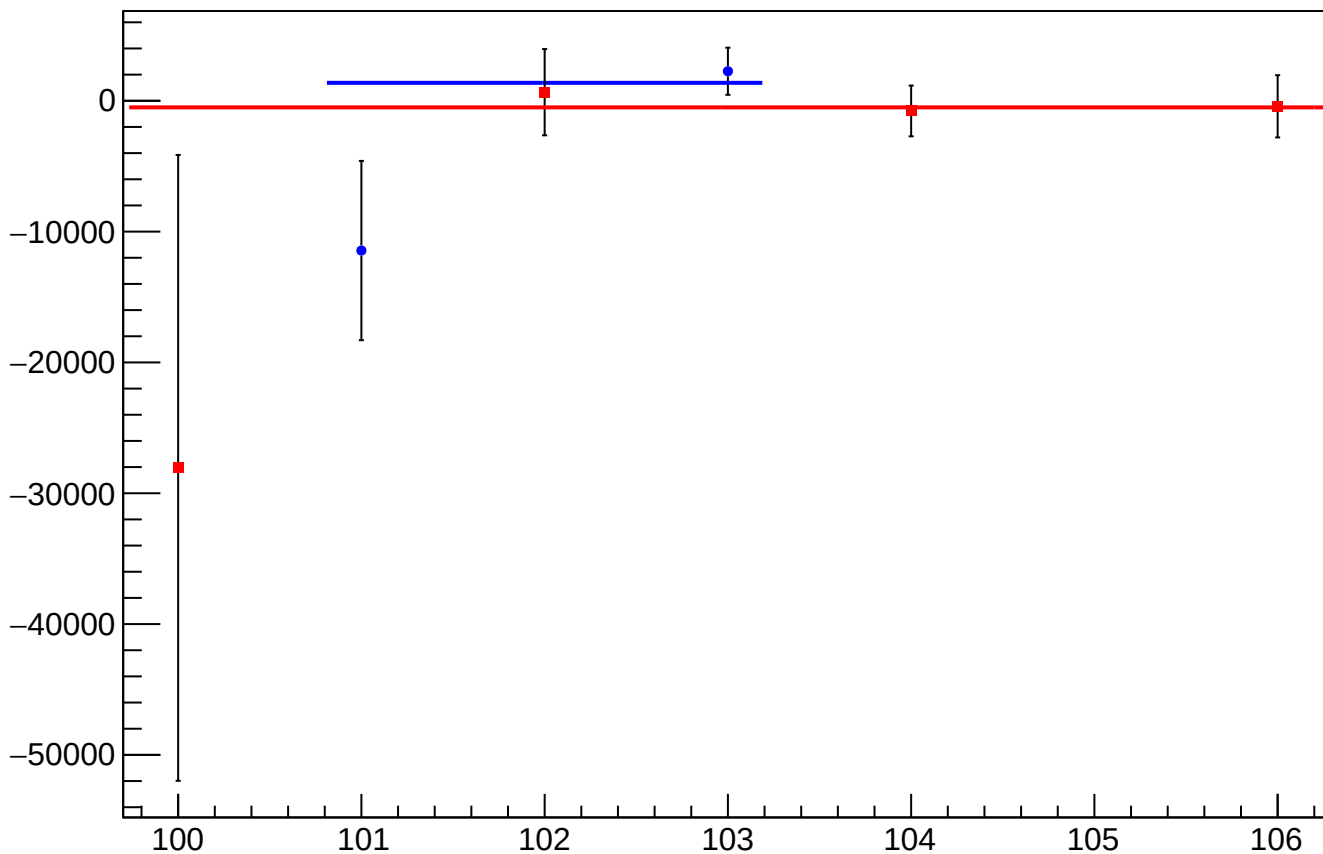
Right: 889.778+/-0.378 χ^2/NDF : 47995.7/5

In: 901.980+/-0.568 χ^2/NDF : 1547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.778+/-0.378 χ^2/NDF : 47995.7/5

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1373.383+/-1742.008 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -502.556+/-1365.813 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

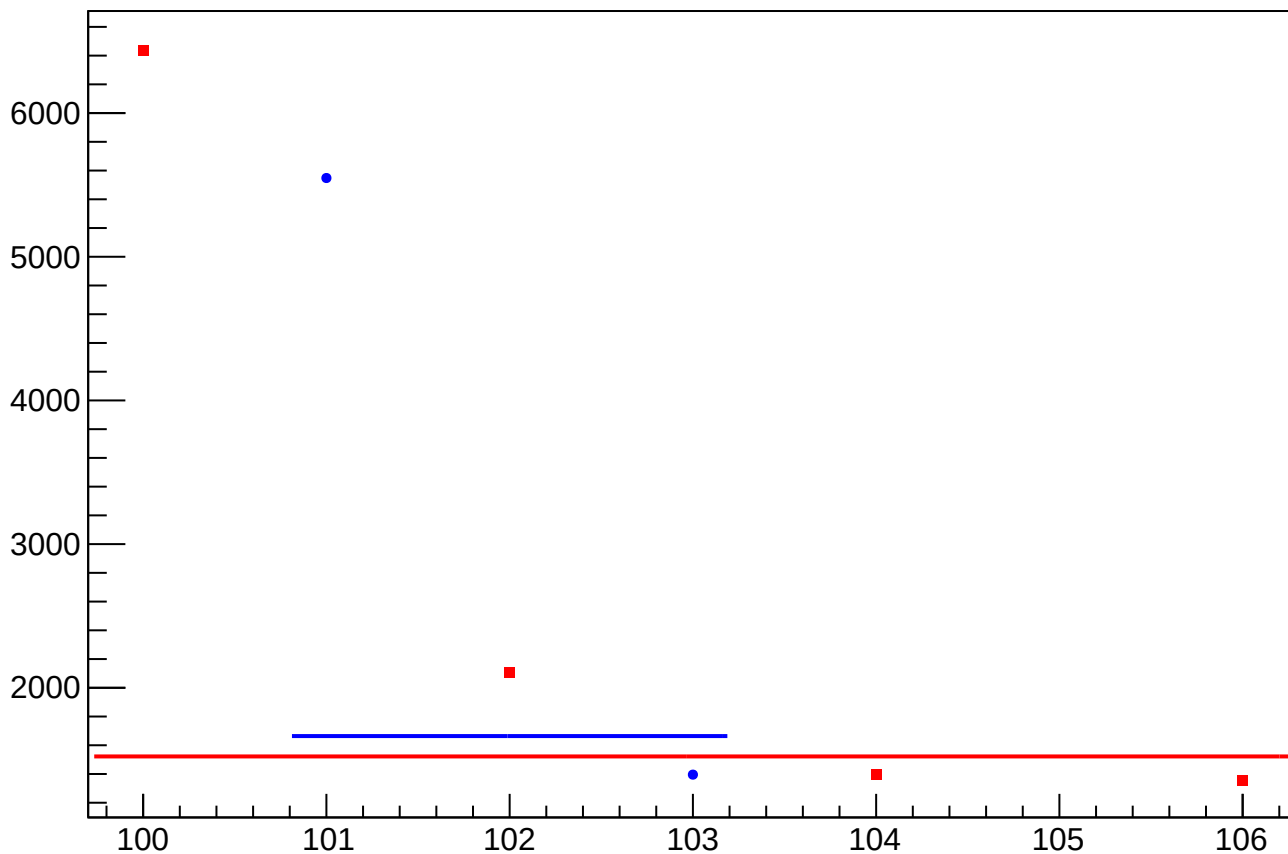
Right: 211.614+/-1074.835 χ^2/NDF : 5.9/5

In: 1373.383+/-1742.008 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.614+/-1074.835 χ^2/NDF : 5.9/5

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1663.917+/-1.232 χ^2/NDF : 687025.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1522.184+/-0.966 χ^2/NDF : 166121.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

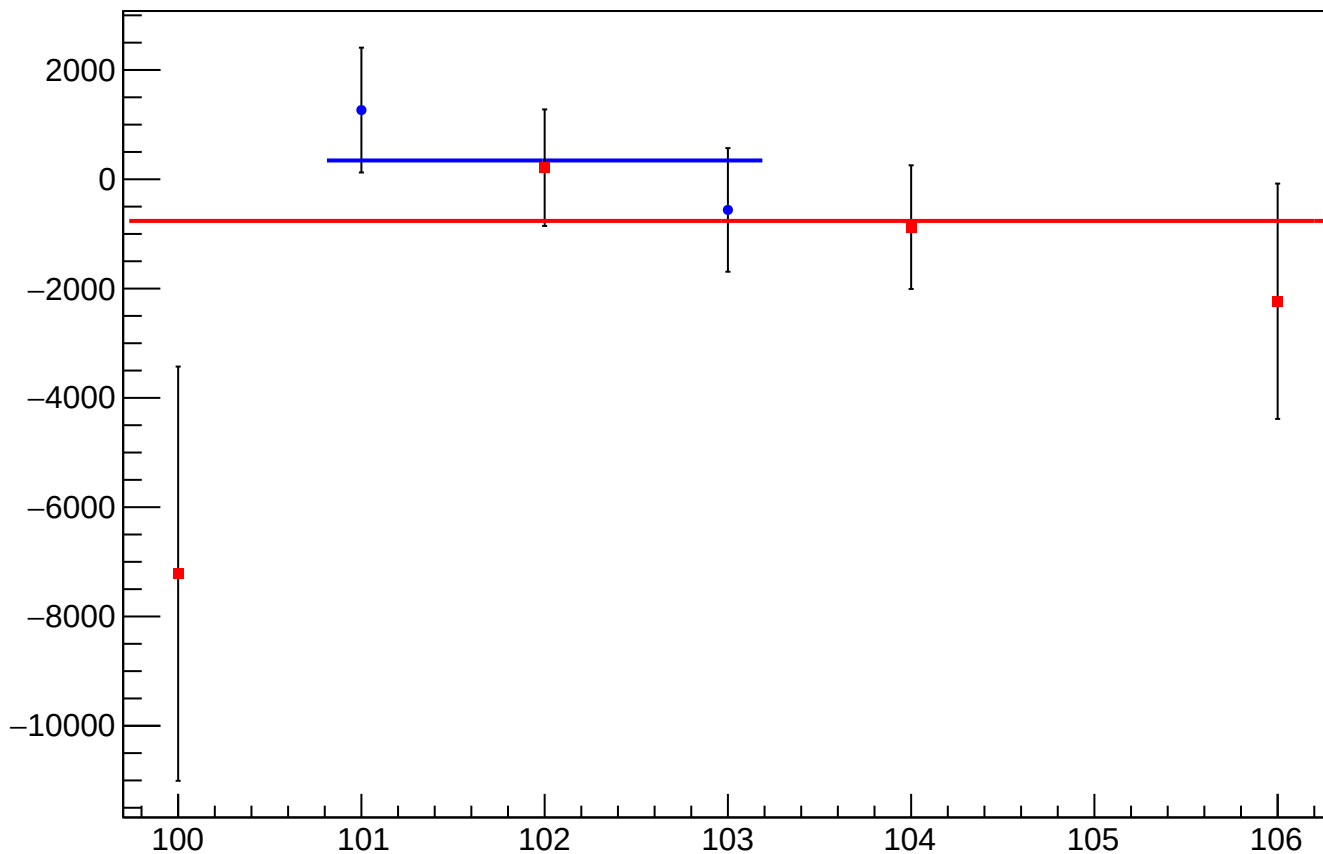
Right: 1576.141+/-0.760 χ^2/NDF : 861346.0/5

In: 1663.917+/-1.232 χ^2/NDF : 687025.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1576.141+/-0.760 χ^2/NDF : 861346.0/5

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.221+/-803.566 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -761.502+/-716.938 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

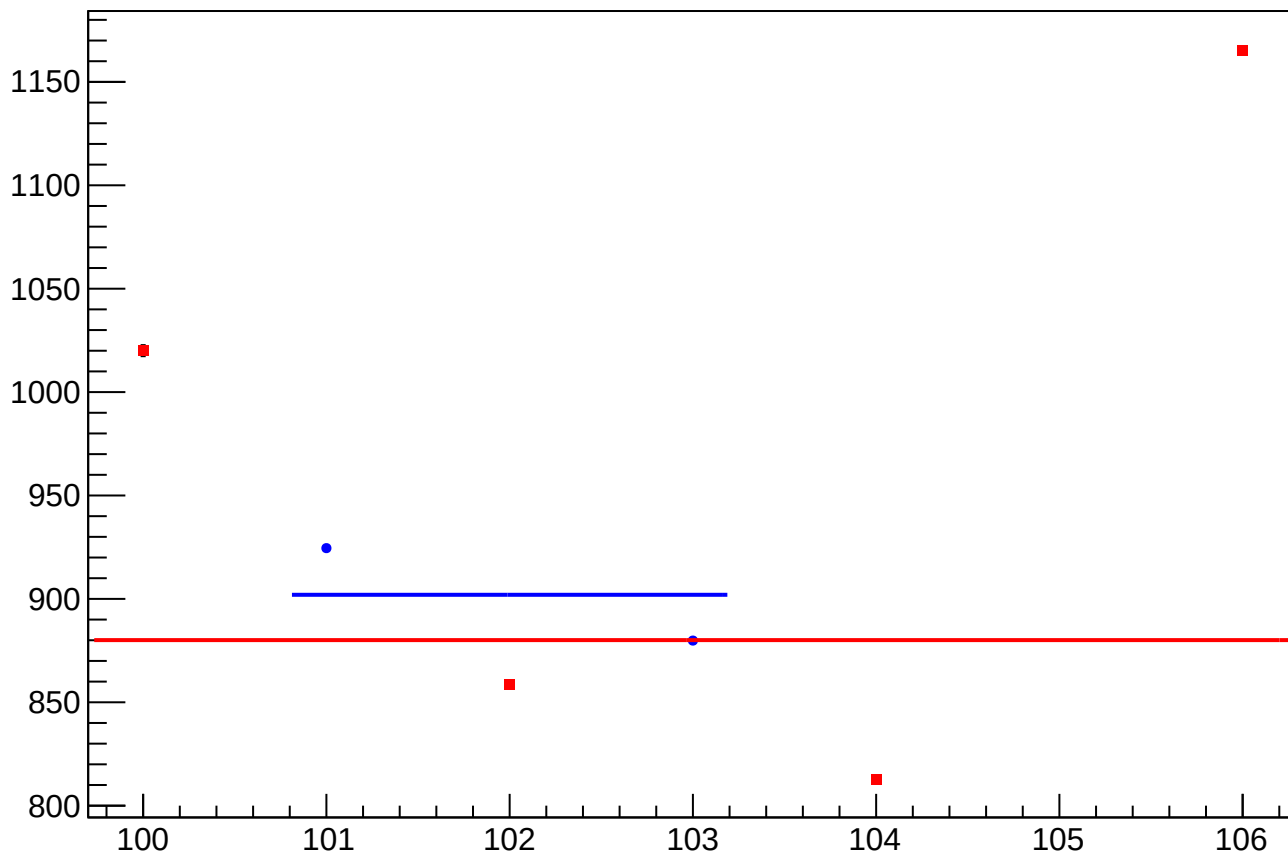
Right: -271.433+/-534.967 χ^2/NDF : 6.6/5

In: 344.221+/-803.566 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.433+/-534.967 χ^2/NDF : 6.6/5

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.980+/-0.568 χ^2/NDF : 1547.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 880.068+/-0.507 χ^2/NDF : 45619.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

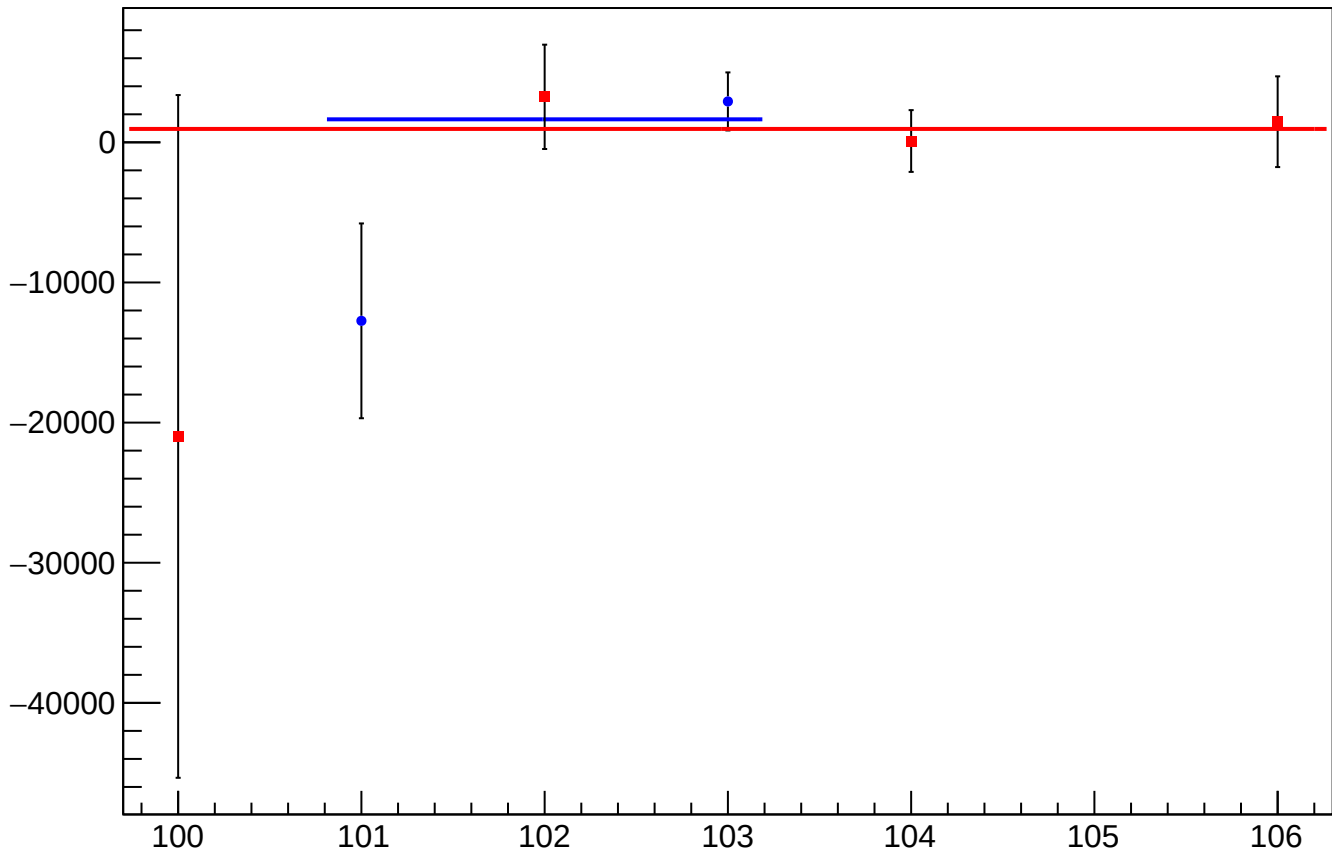
Right: 889.780+/-0.378 χ^2/NDF : 47995.0/5

In: 901.980+/-0.568 χ^2/NDF : 1547.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.780+/-0.378 χ^2/NDF : 47995.0/5

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1641.577+/-1984.795 χ^2 /NDF: 4.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 956.282+/-1632.606 χ^2 /NDF: 1.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

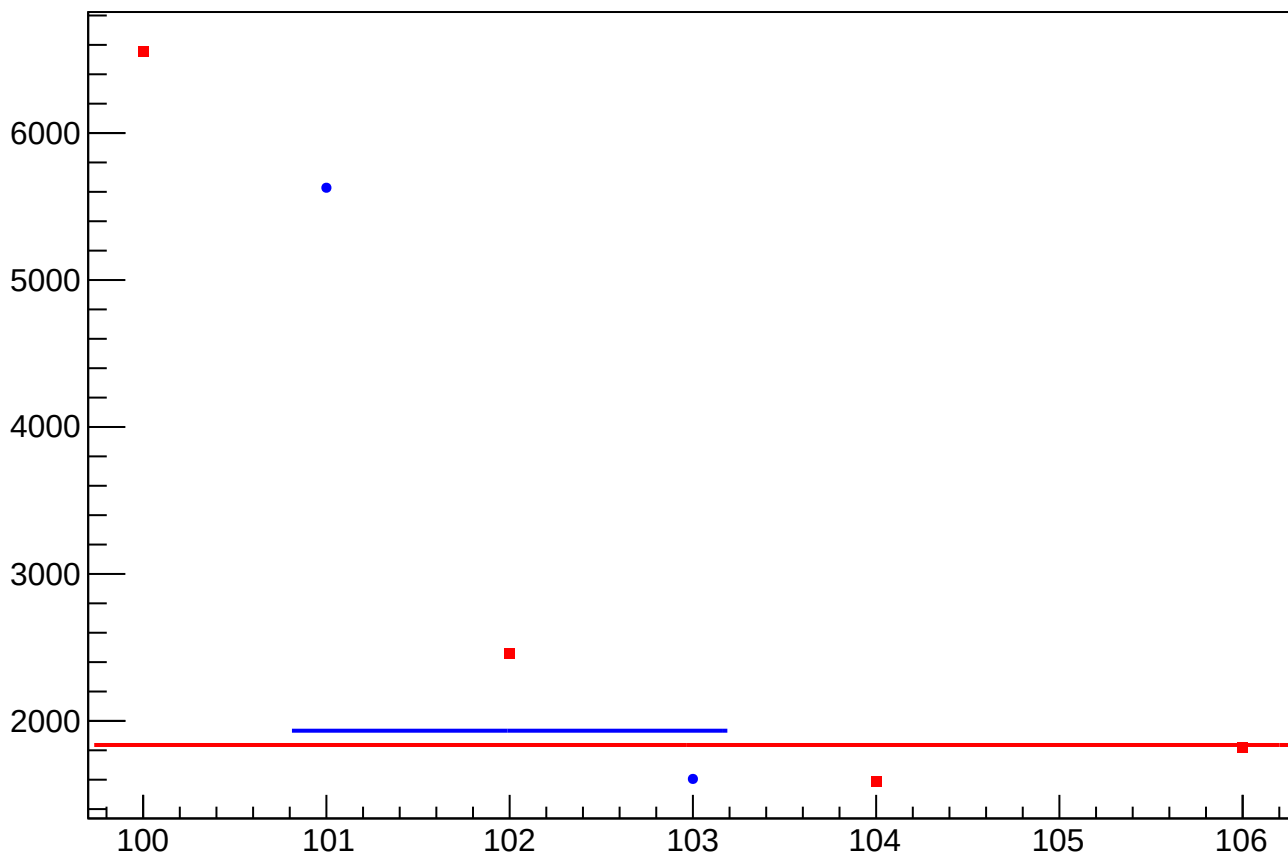
Right: 1232.836+/-1260.860 χ^2 /NDF: 6.1/5

In: 1641.577+/-1984.795 χ^2 /NDF:4.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1232.836+/-1260.860 χ^2 /NDF: 6.1/5

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1933.363+/-1.403 χ^2/NDF : 615287.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1836.190+/-1.154 χ^2/NDF : 156274.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

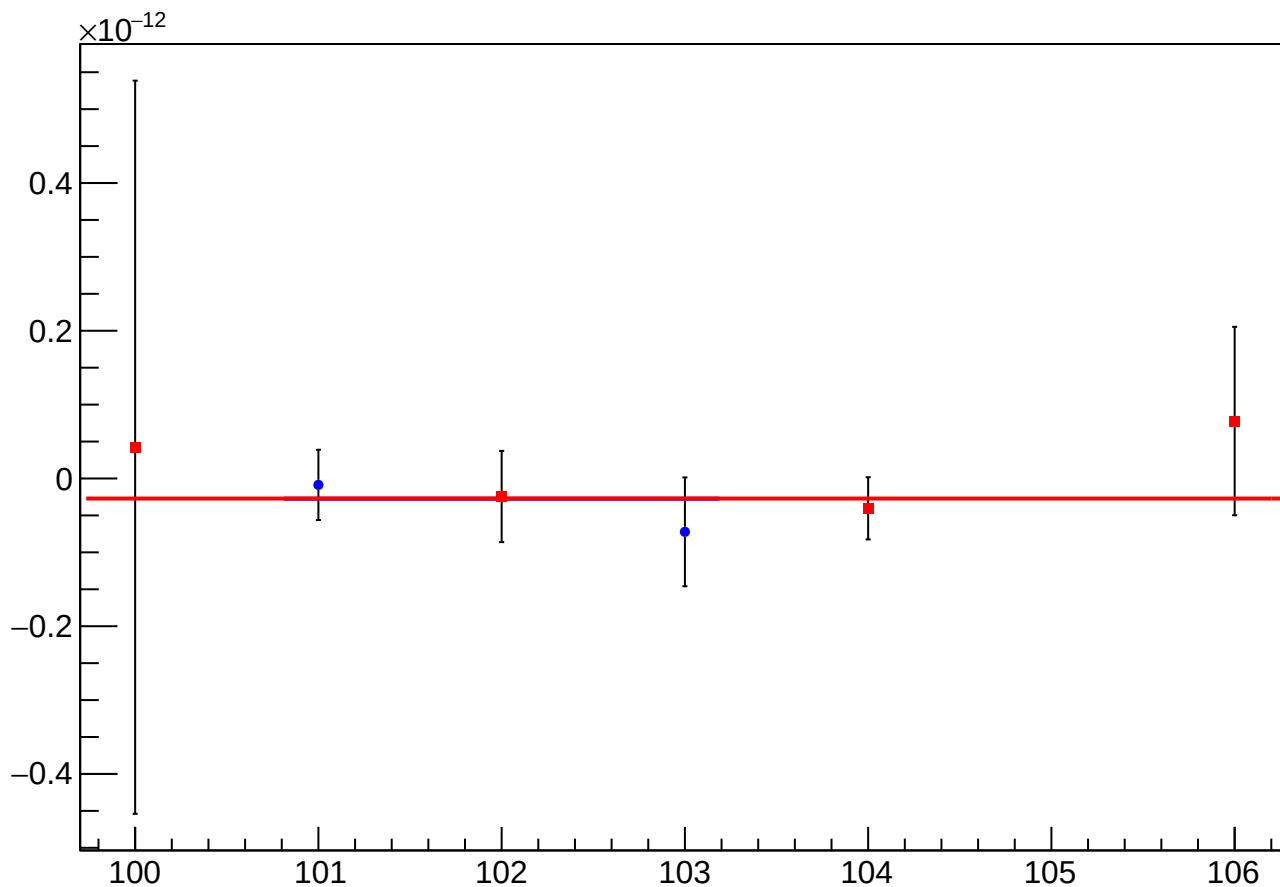
Right: 1875.404+/-0.892 χ^2/NDF : 774420.9/5

In: 1933.363+/-1.403 χ^2/NDF : 615287.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1875.404+/-0.892 χ^2/NDF : 774420.9/5

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

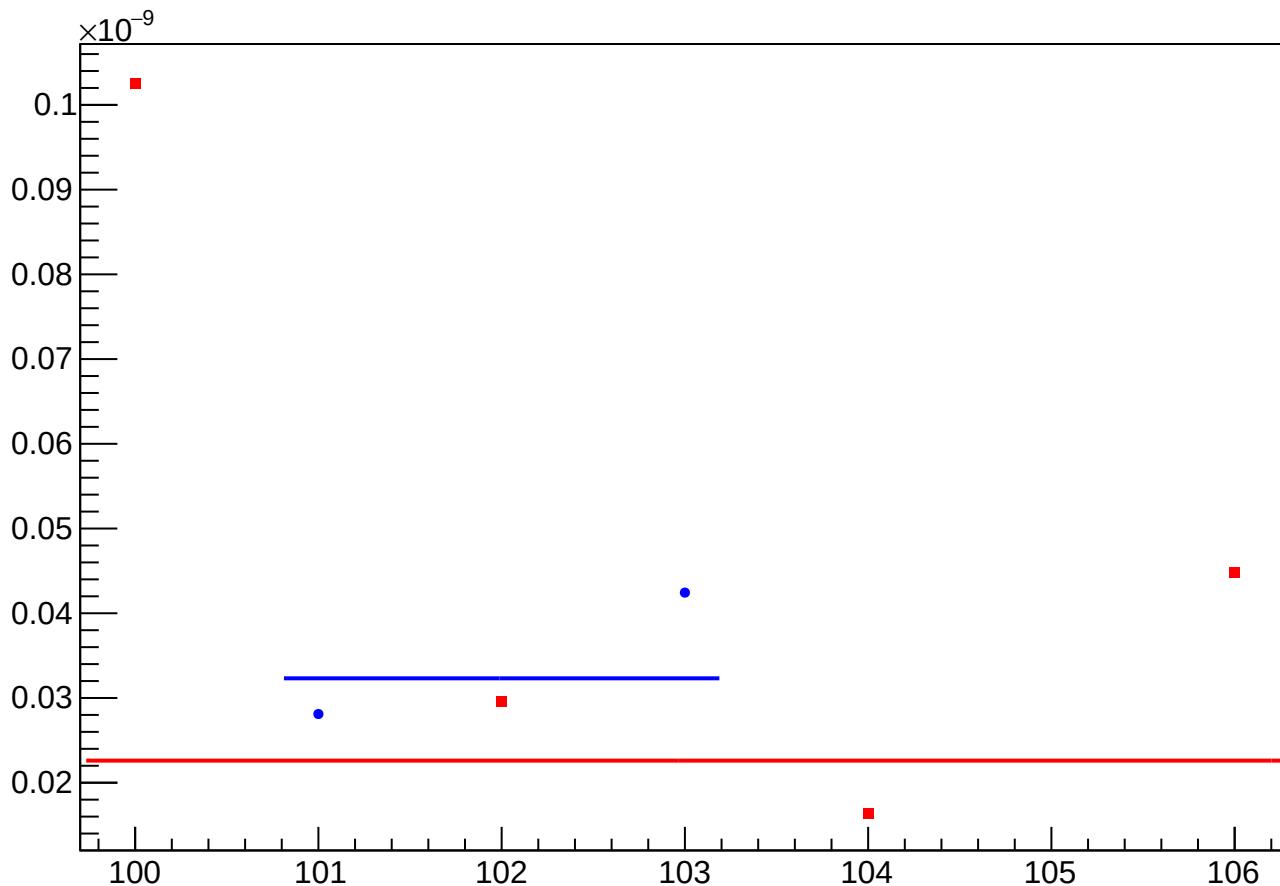
Right: -0.000+/-0.000 χ^2/NDF : 1.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.3/5

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 53362.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 182209.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

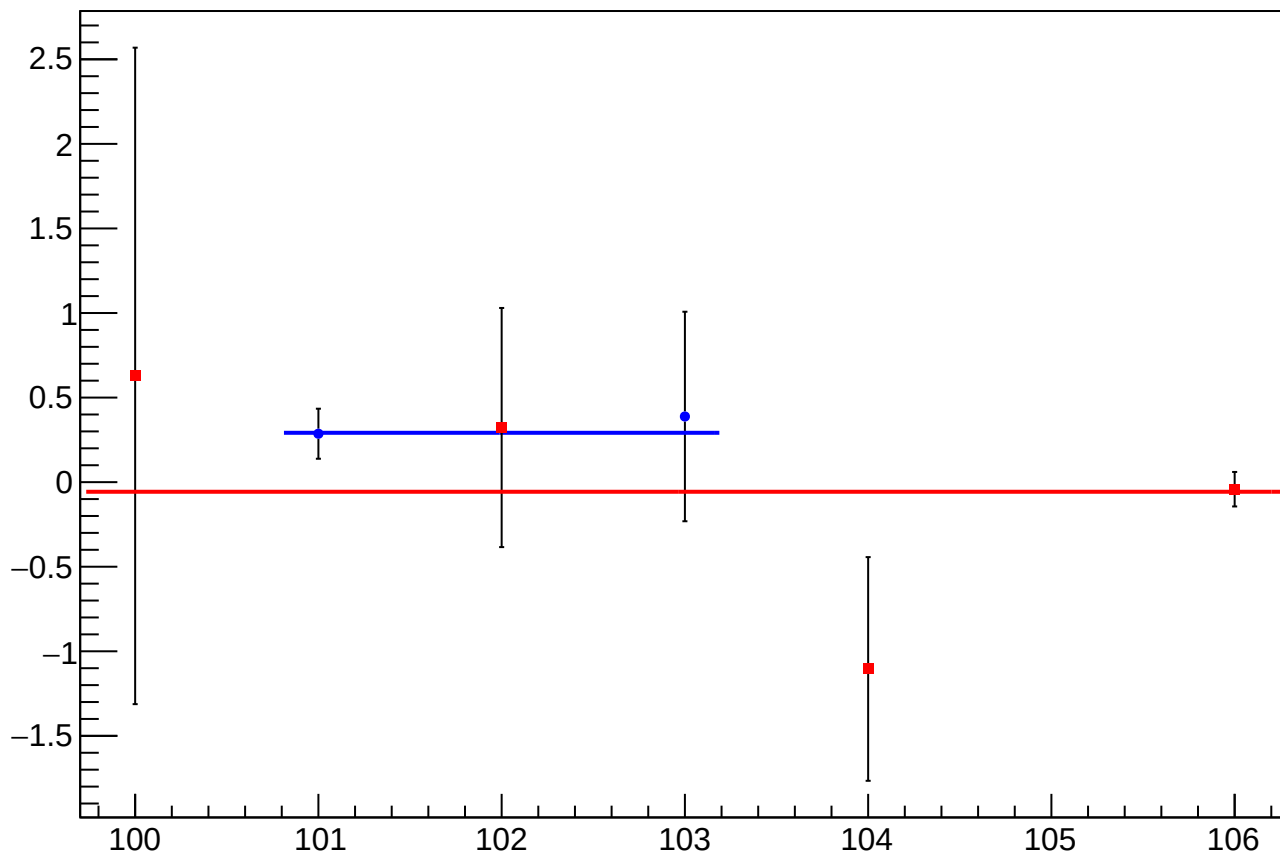
Right: 0.000+/-0.000 χ^2/NDF : 304962.4/5

In: 0.000+/-0.000 χ^2/NDF : 53362.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 304962.4/5

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.057 $\pm$ 0.100 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

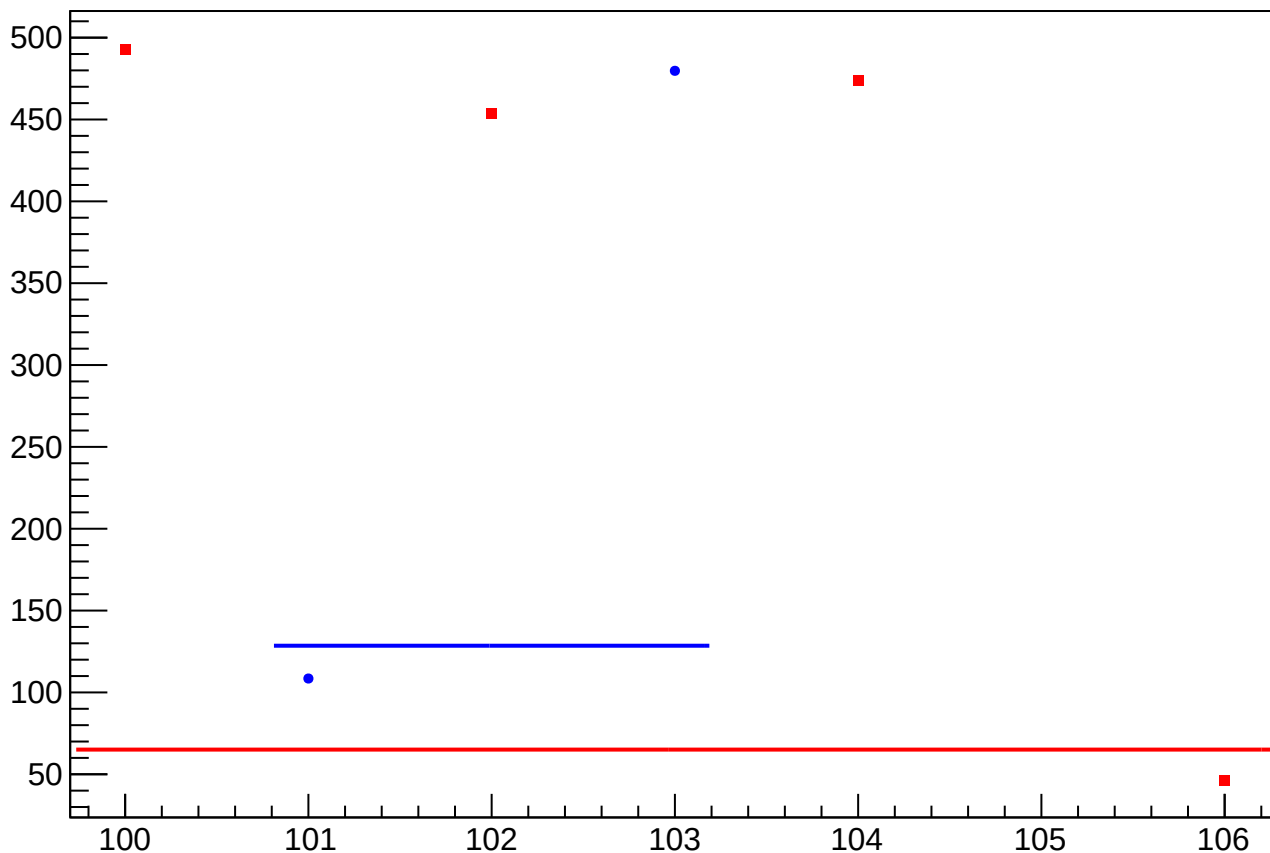
Right: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 128.532+/-0.102 χ^2/NDF : 679802.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.074+/-0.070 χ^2/NDF : 1534499.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

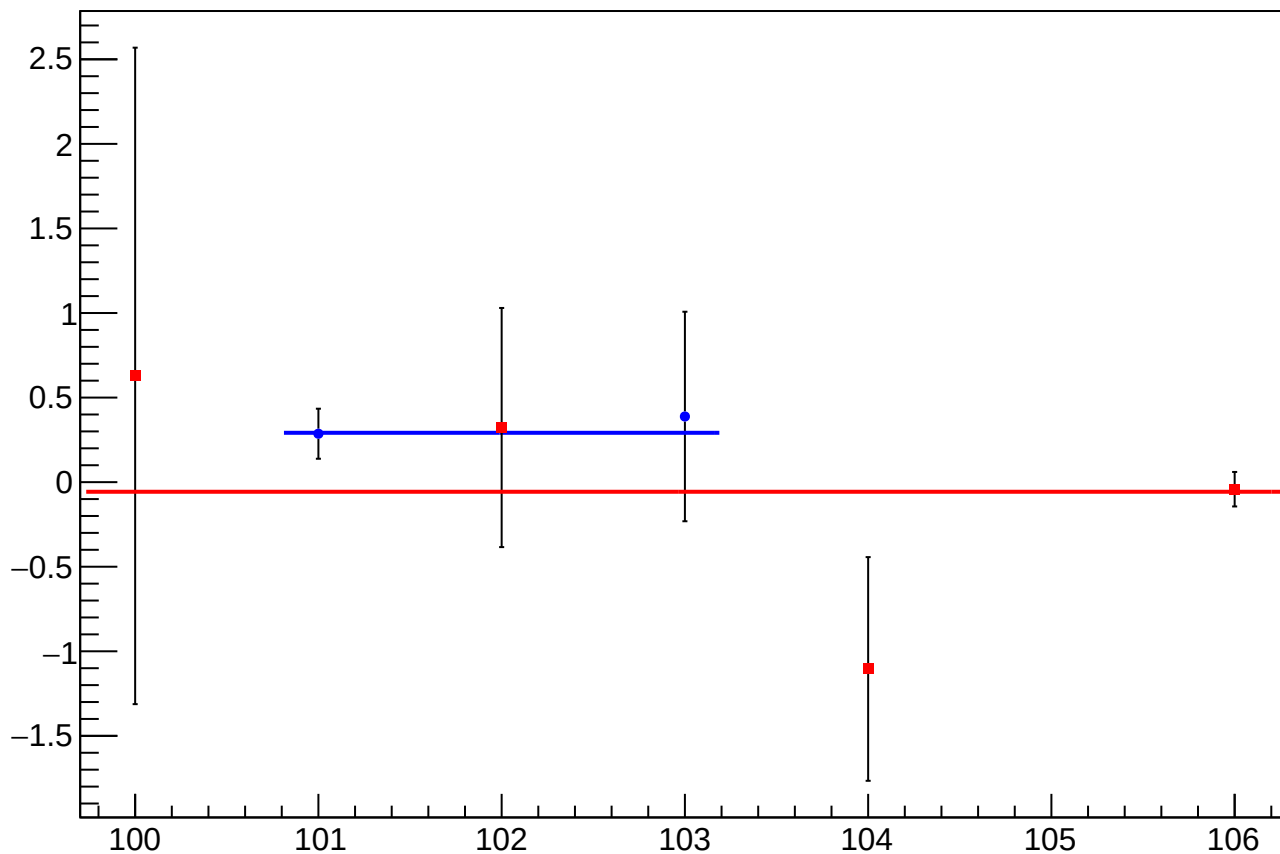
Right: 85.645+/-0.058 χ^2/NDF : 2477203.6/5

In: 128.532+/-0.102 χ^2/NDF : 679802.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.645+/-0.058 χ^2/NDF : 2477203.6/5

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292+/-0.144 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.057+/-0.100 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

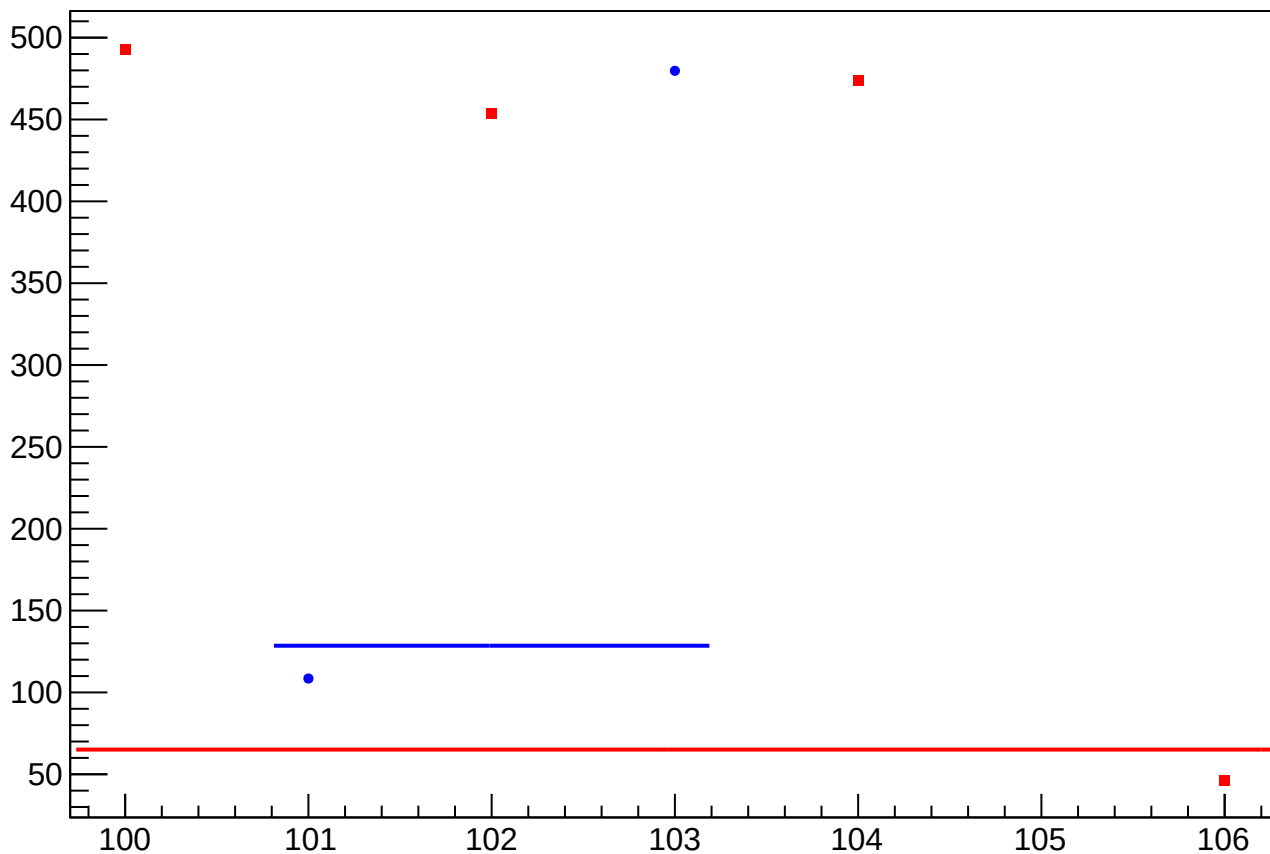
Right: 0.056+/-0.082 χ^2/NDF : 6.9/5

In: 0.292+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.056+/-0.082 χ^2/NDF : 6.9/5

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679802.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.074 $\pm$ 0.070 χ^2 /NDF: 1534499.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

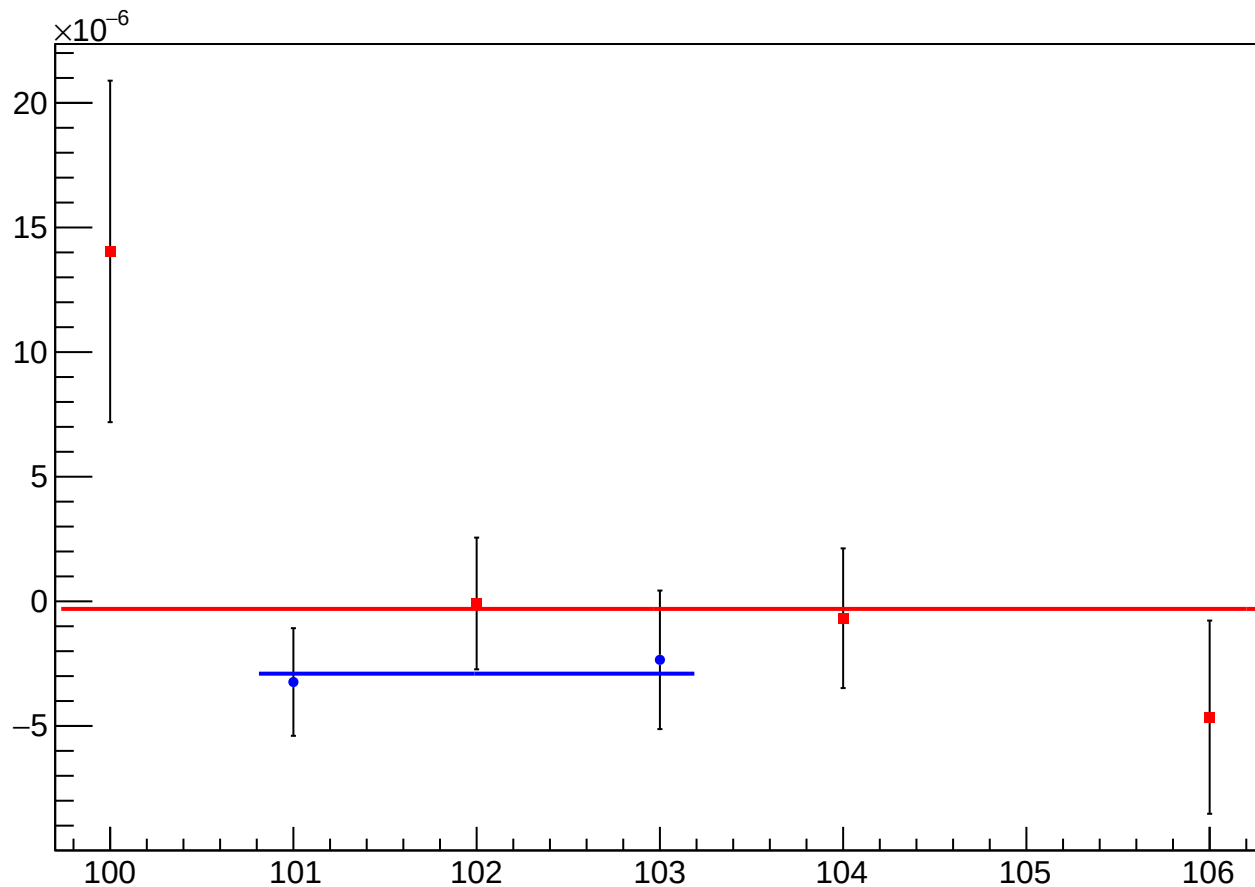
Right: 85.645 $\pm$ 0.058 χ^2 /NDF: 2477203.6/5

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679802.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.645 $\pm$ 0.058 χ^2 /NDF: 2477203.6/5

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

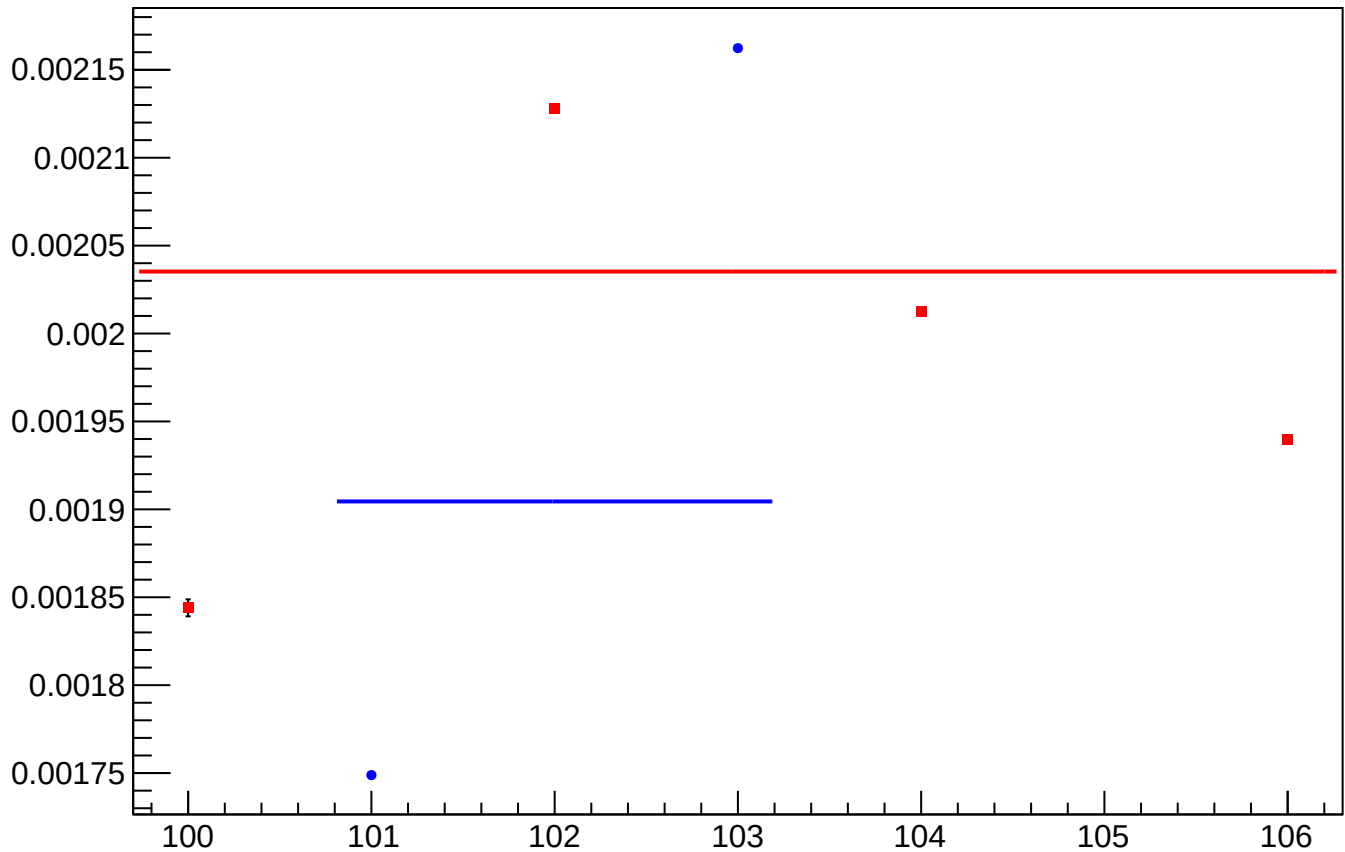
Right: -0.000+/-0.000 χ^2/NDF : 6.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/5

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 27601.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 5366.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

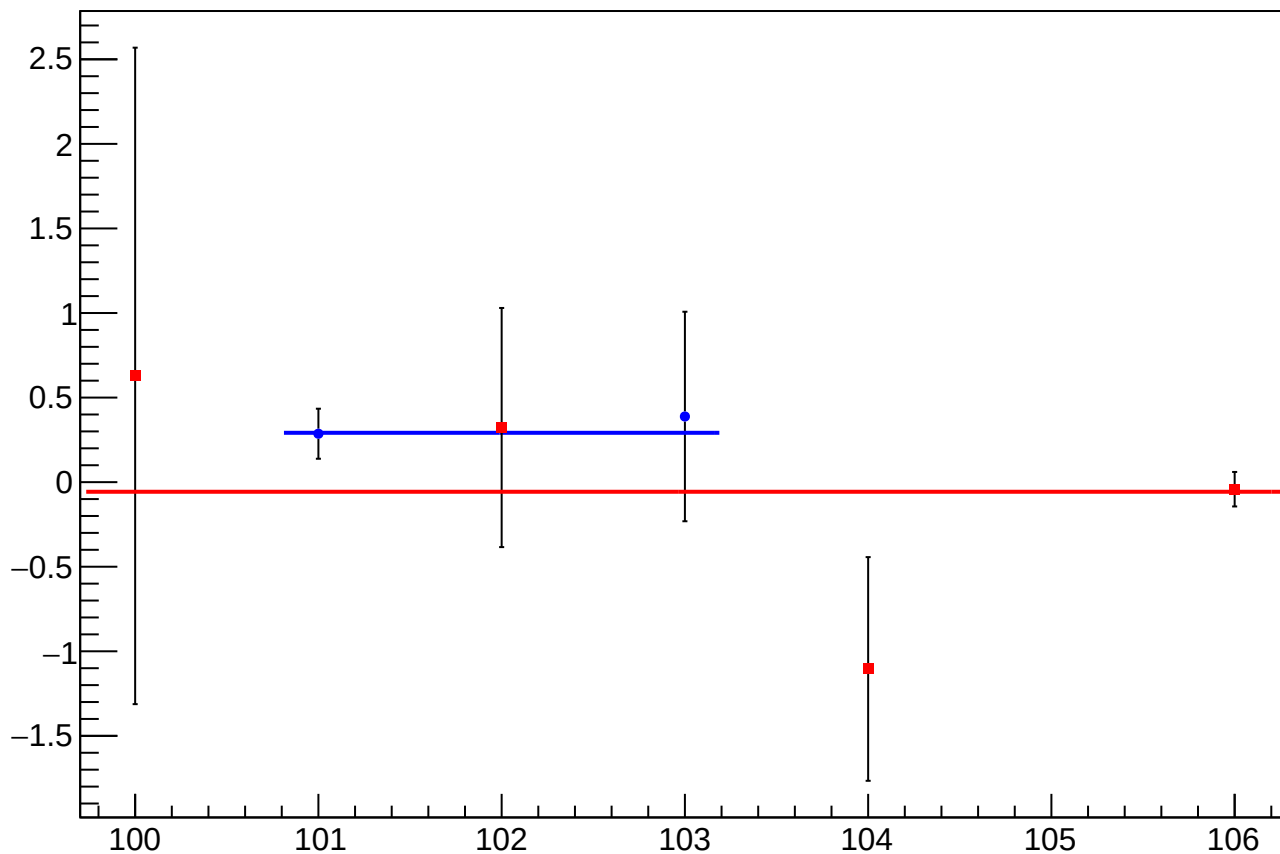
Right: 0.002+/-0.000 χ^2/NDF : 38969.5/5

In: 0.002+/-0.000 χ^2/NDF : 27601.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 38969.5/5

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.057 $\pm$ 0.100 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

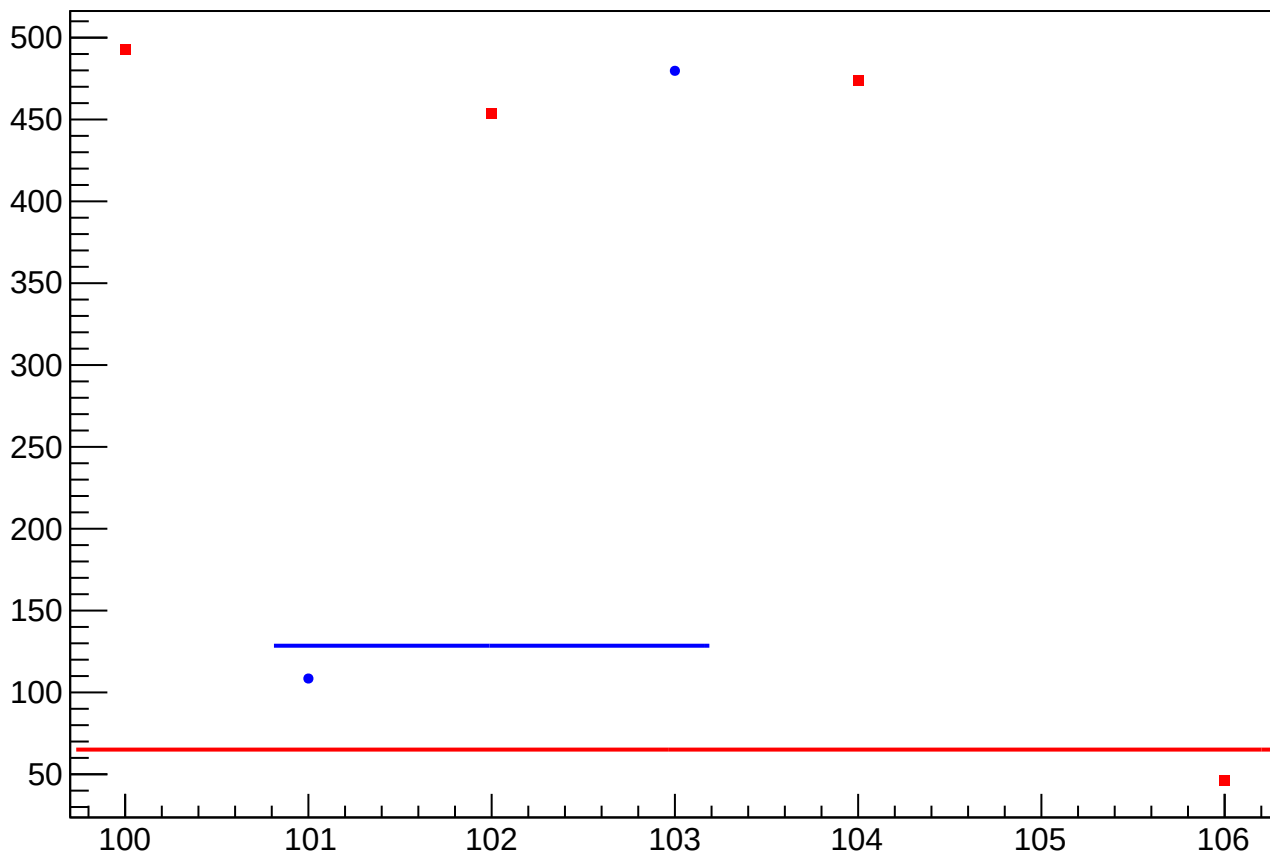
Right: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

In: 0.292 $\pm$ 0.144 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679800.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.074 $\pm$ 0.070 χ^2 /NDF: 1534498.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

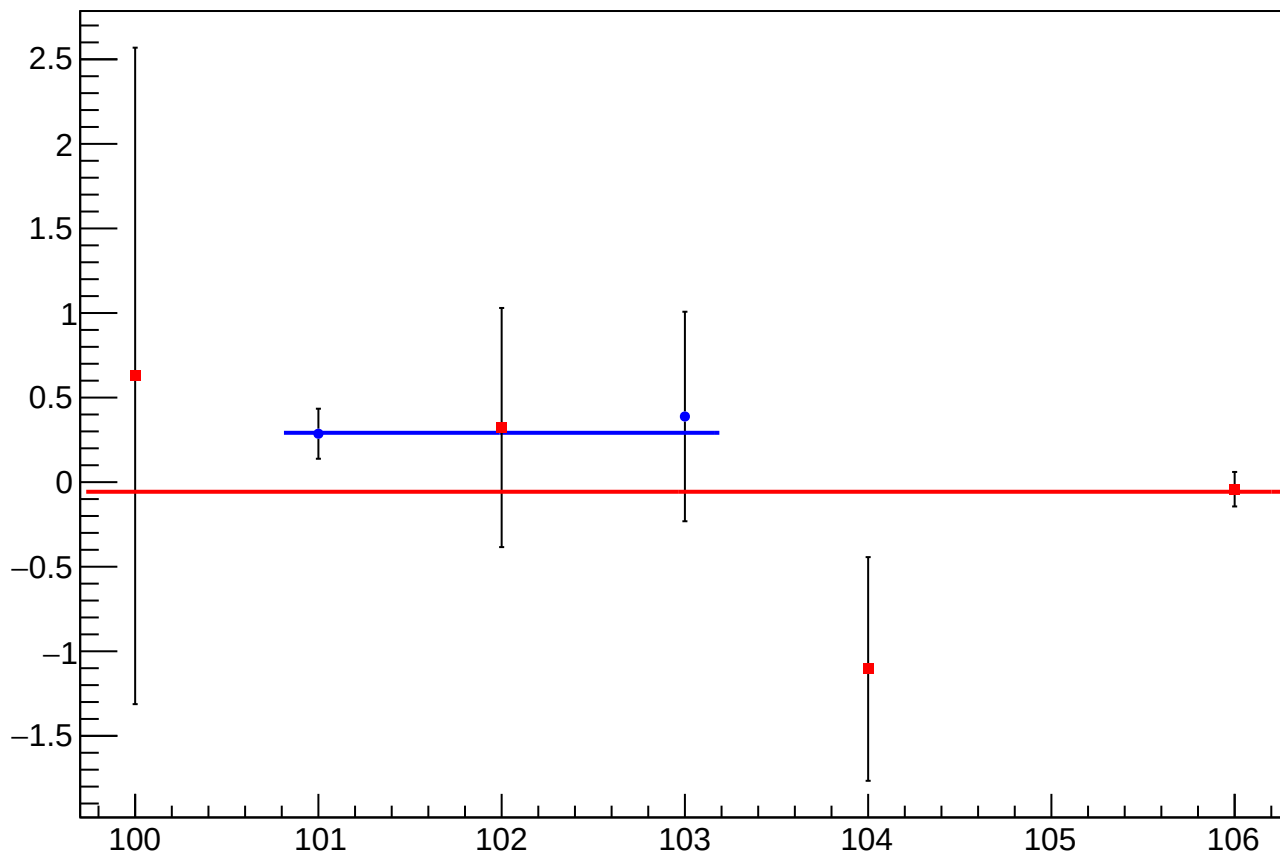
Right: 85.646 $\pm$ 0.058 χ^2 /NDF: 2477199.2/5

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679800.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.646 $\pm$ 0.058 χ^2 /NDF: 2477199.2/5

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.057 $\pm$ 0.100 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

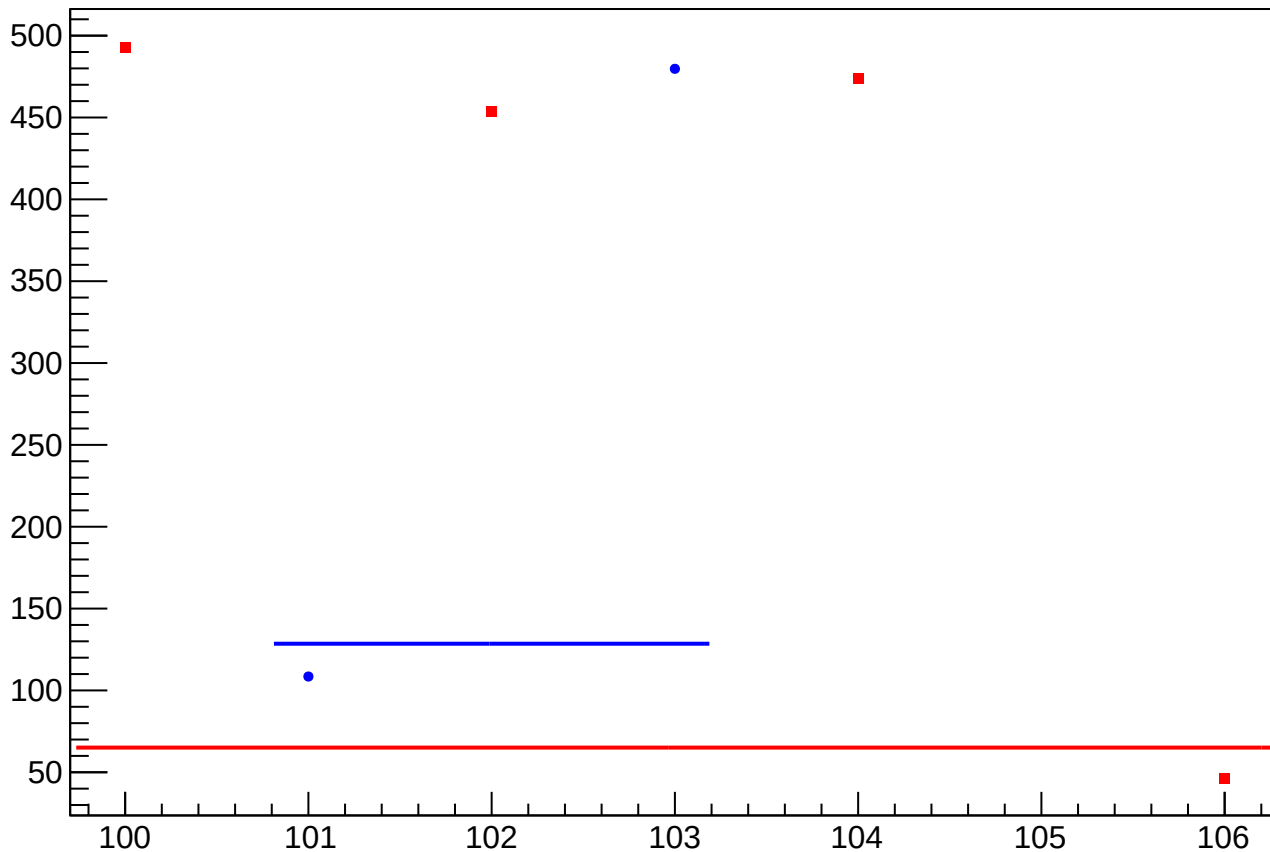
Right: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

In: 0.292 $\pm$ 0.144 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.056 $\pm$ 0.082 χ^2 /NDF: 6.9/5

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.532 $\pm$ 0.102 χ^2 /NDF: 679800.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.074 $\pm$ 0.070 χ^2 /NDF: 1534498.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

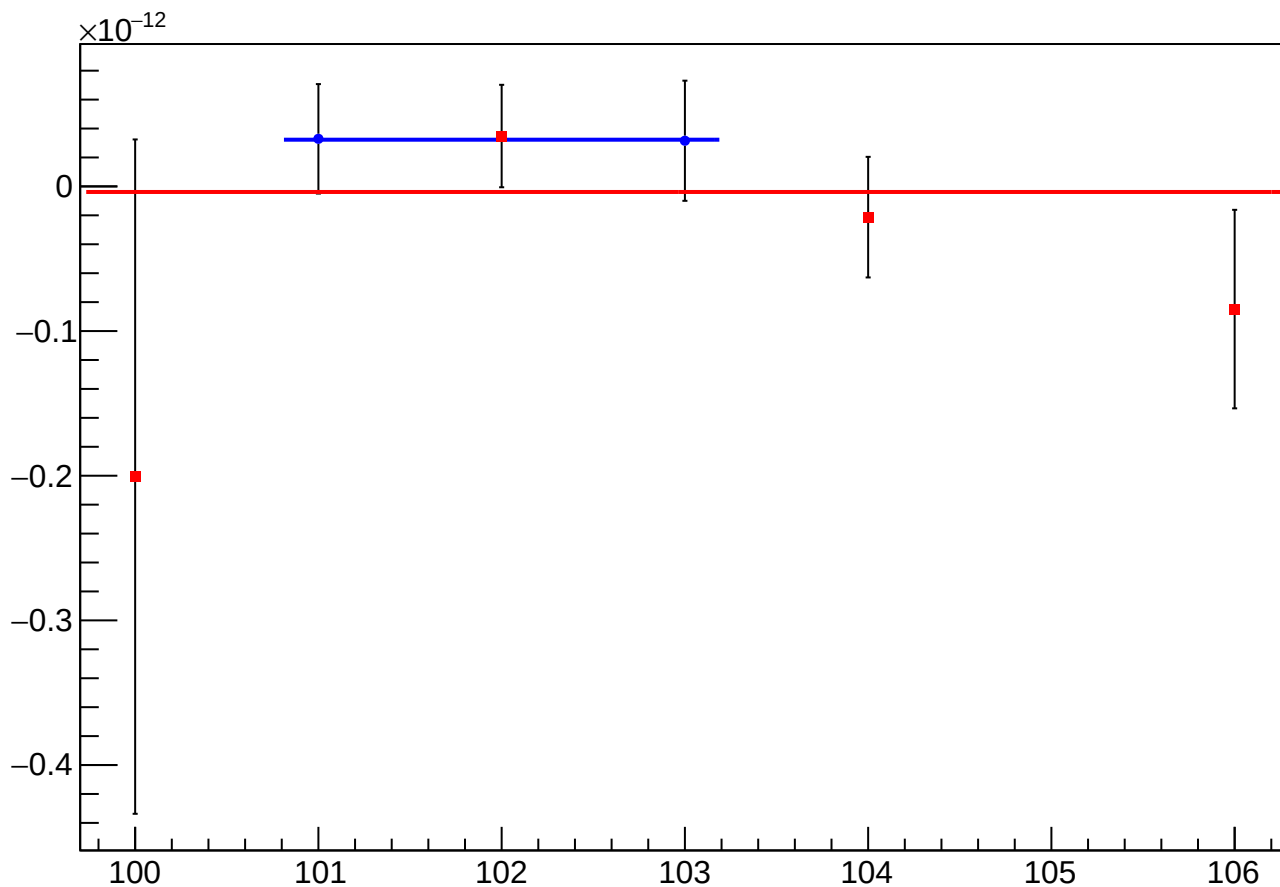
Right: 85.646 $\pm$ 0.058 χ^2 /NDF: 2477199.2/5

In: 128.532 $\pm$ 0.102 χ^2 /NDF:679800.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.646 $\pm$ 0.058 χ^2 /NDF: 2477199.2/5

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

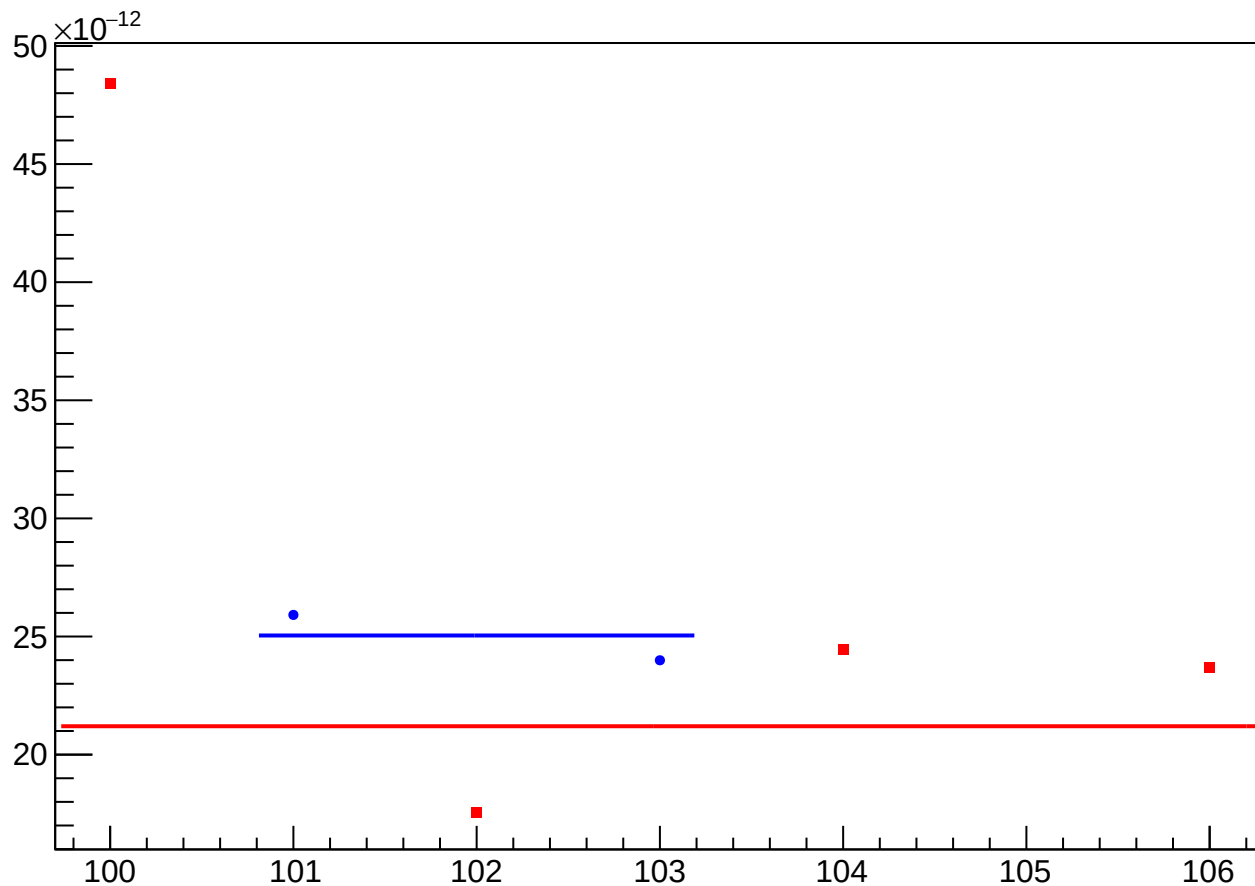
Right: 0.000+/-0.000 χ^2/NDF : 4.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/5

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2336.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 63194.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

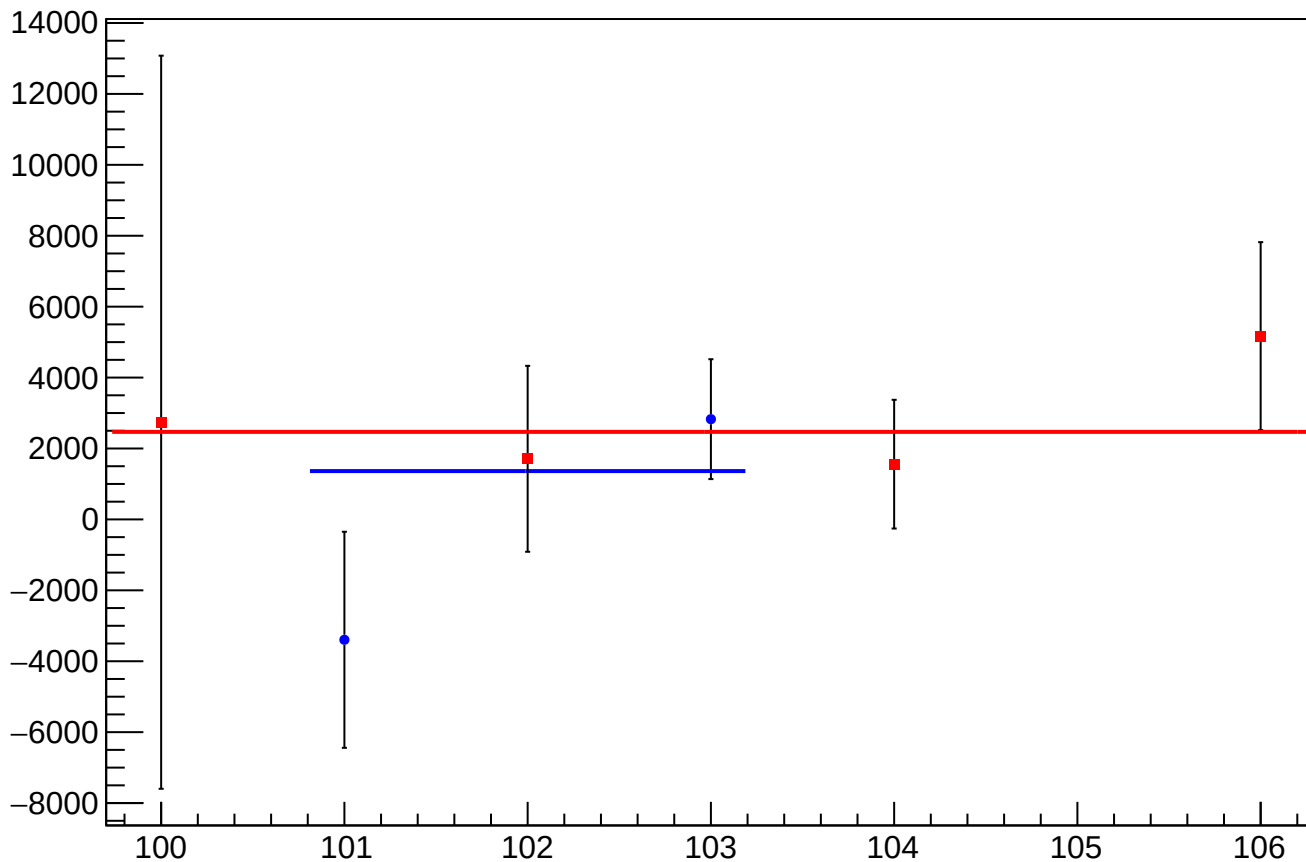
Right: 0.000+/-0.000 χ^2/NDF : 86525.5/5

In: 0.000+/-0.000 χ^2/NDF : 2336.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 86525.5/5

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1362.867+/-1478.103 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2468.699+/-1290.223 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

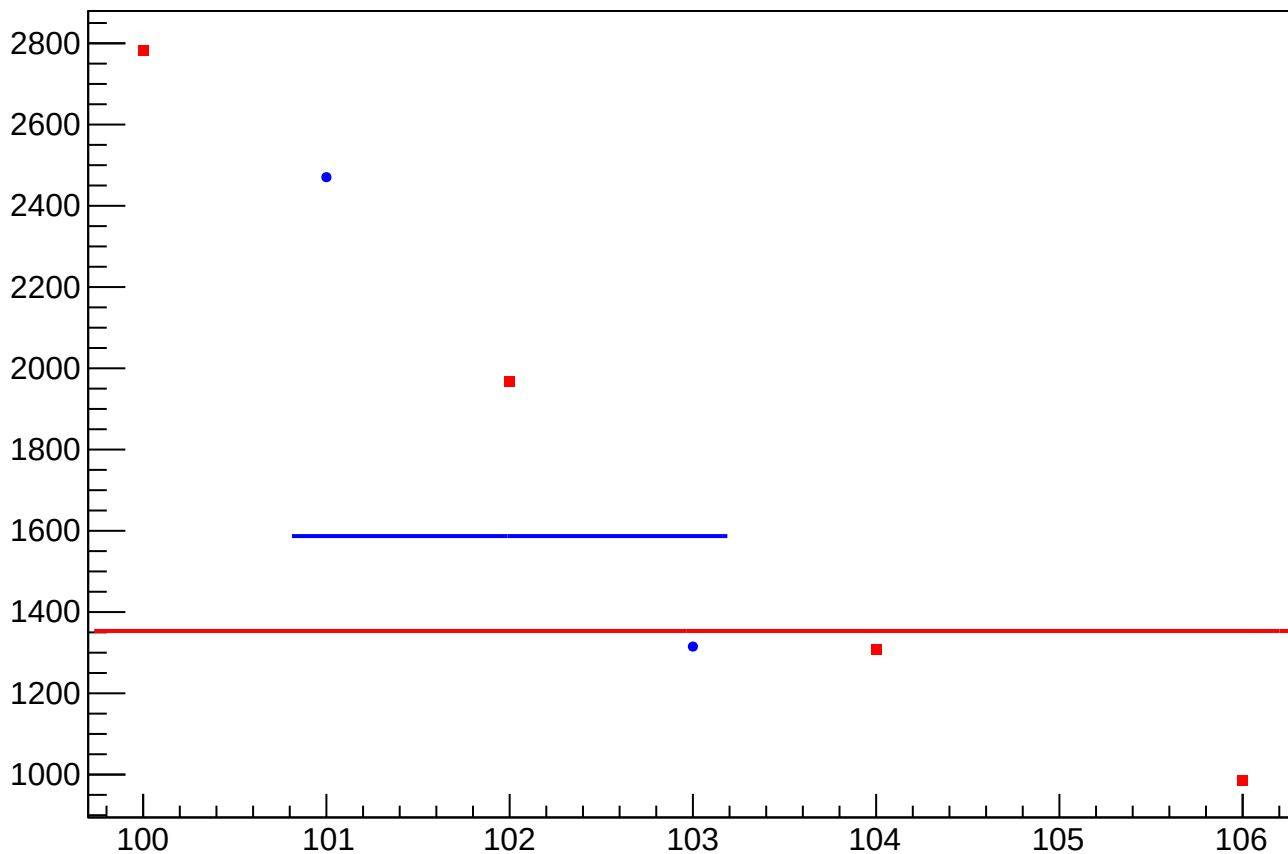
Right: 1990.489+/-972.007 χ^2/NDF : 4.9/5

In: 1362.867+/-1478.103 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1990.489+/-972.007 χ^2/NDF : 4.9/5

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.027+/-1.045 χ^2/NDF : 219934.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.440+/-0.845 χ^2/NDF : 213945.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

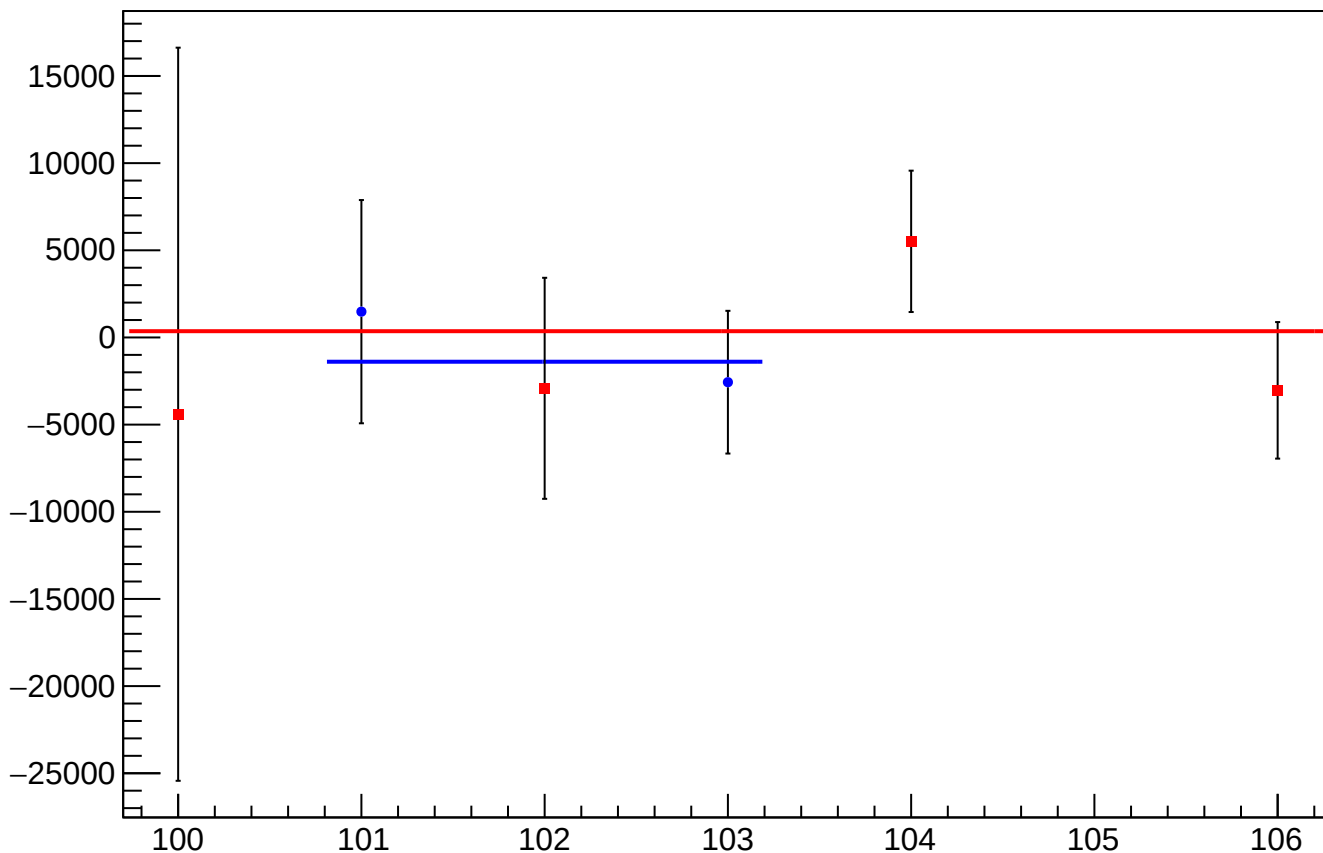
Right: 1445.811+/-0.657 χ^2/NDF : 464076.3/5

In: 1587.027+/-1.045 χ^2/NDF : 219934.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1445.811+/-0.657 χ^2/NDF : 464076.3/5

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1392.355+/-3448.886 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 359.497+/-2555.252 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

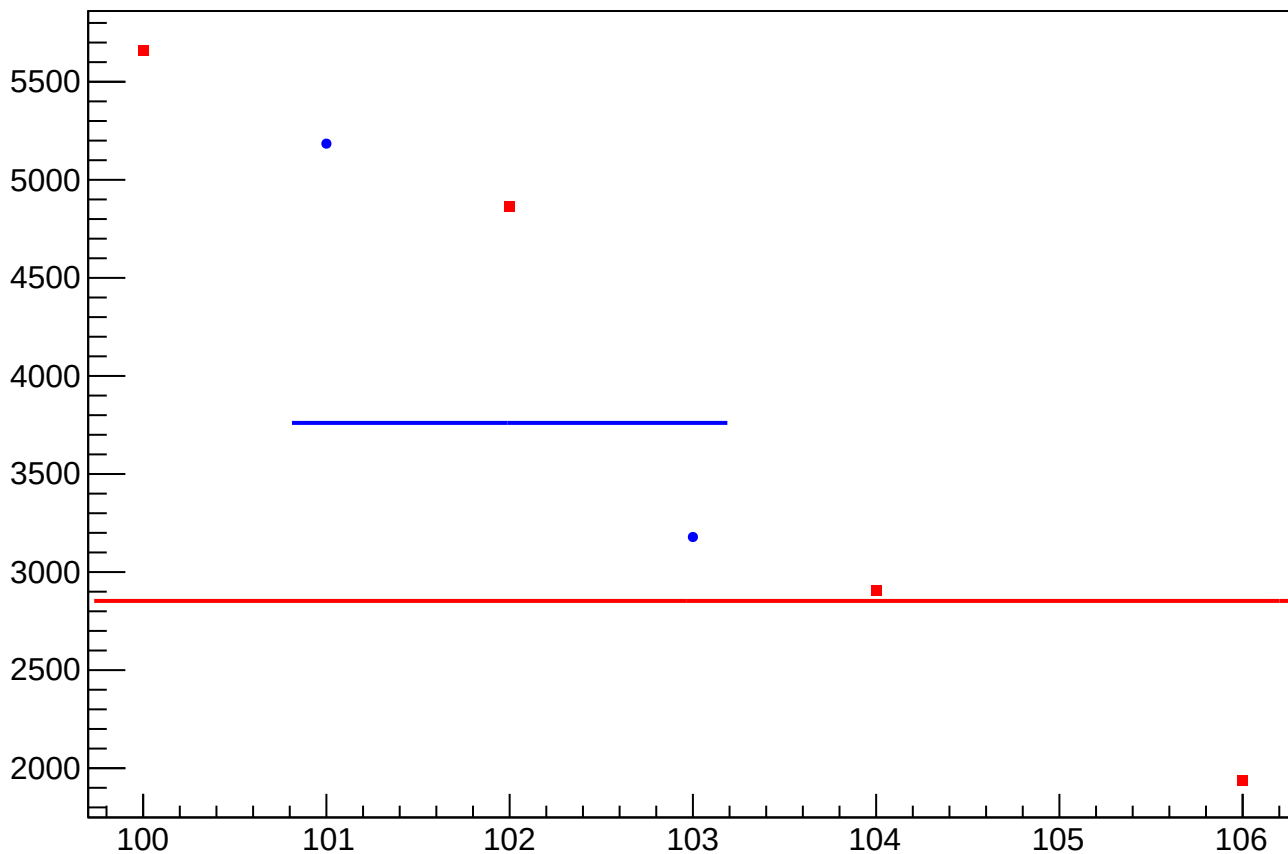
Right: -261.340+/-2053.143 χ^2/NDF : 3.1/5

In: -1392.355+/-3448.886 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.340+/-2053.143 χ^2/NDF : 3.1/5

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3760.628+/-2.439 χ^2/NDF : 139297.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2852.912+/-1.807 χ^2/NDF : 345829.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

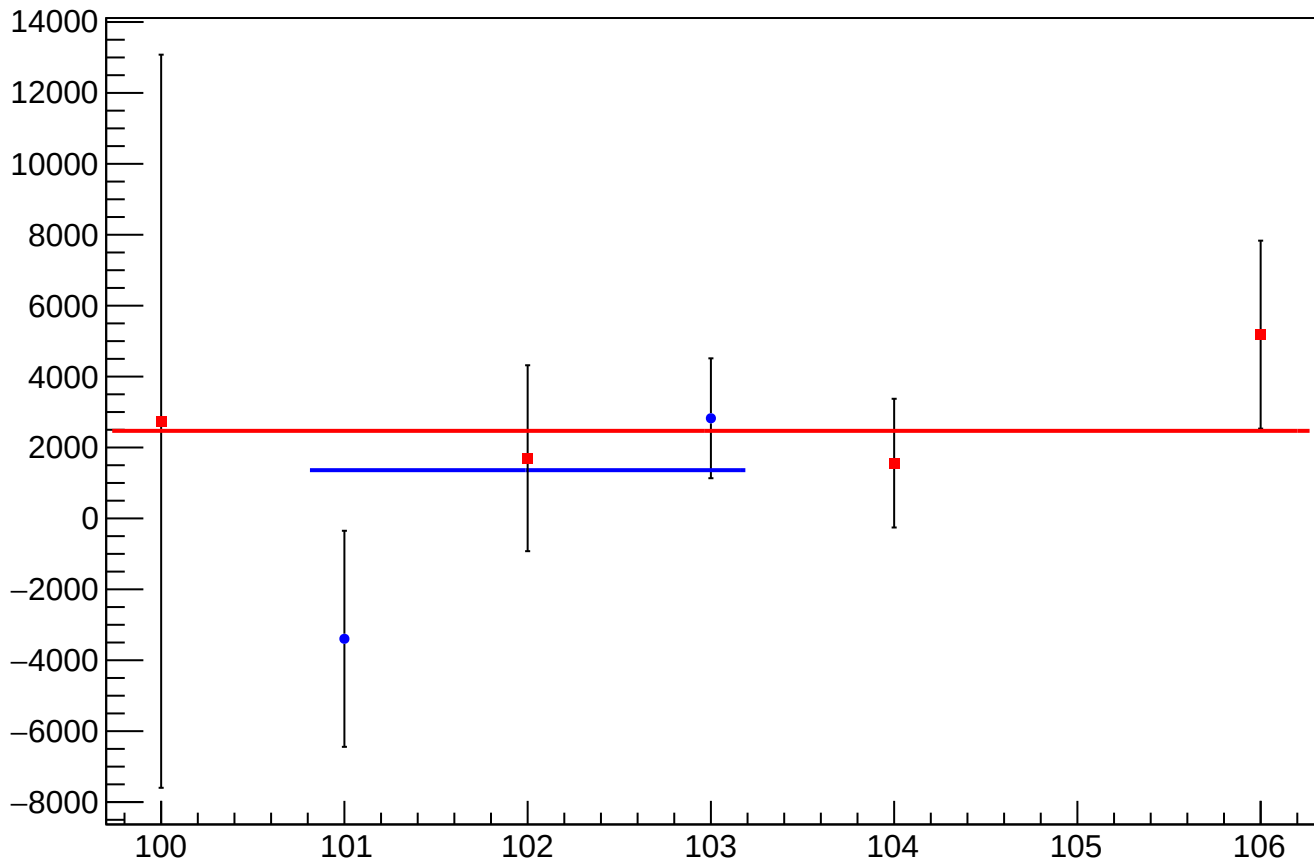
Right: 3174.597+/-1.452 χ^2/NDF : 574569.7/5

In: 3760.628+/-2.439 χ^2/NDF : 139297.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3174.597+/-1.452 χ^2/NDF : 574569.7/5

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2469.544+/-1290.254 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

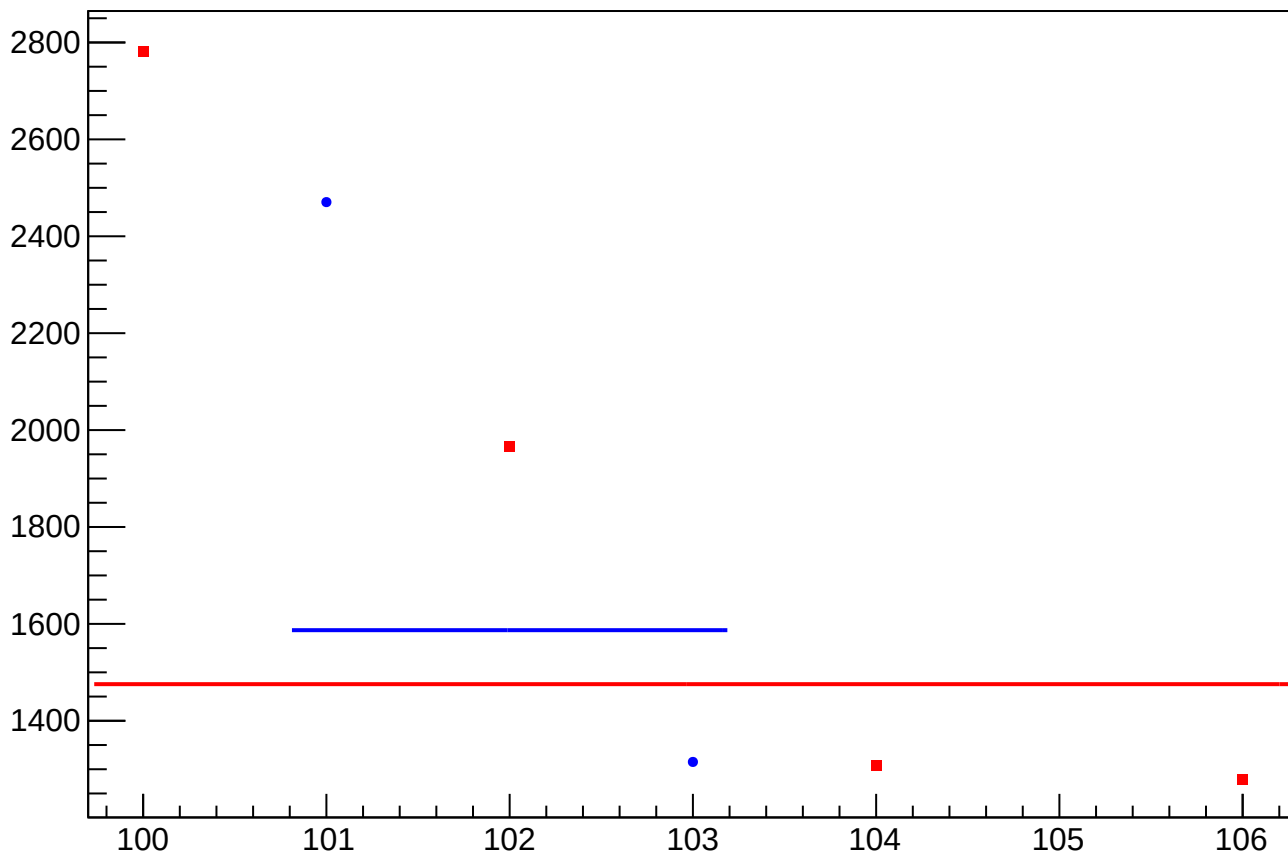
Right: 1989.954+/-972.021 χ^2/NDF : 4.9/5

In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.954+/-972.021 χ^2/NDF : 4.9/5

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.029 ± 1.045 χ^2/NDF : 219933.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1475.608 ± 0.895 χ^2/NDF : 132073.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

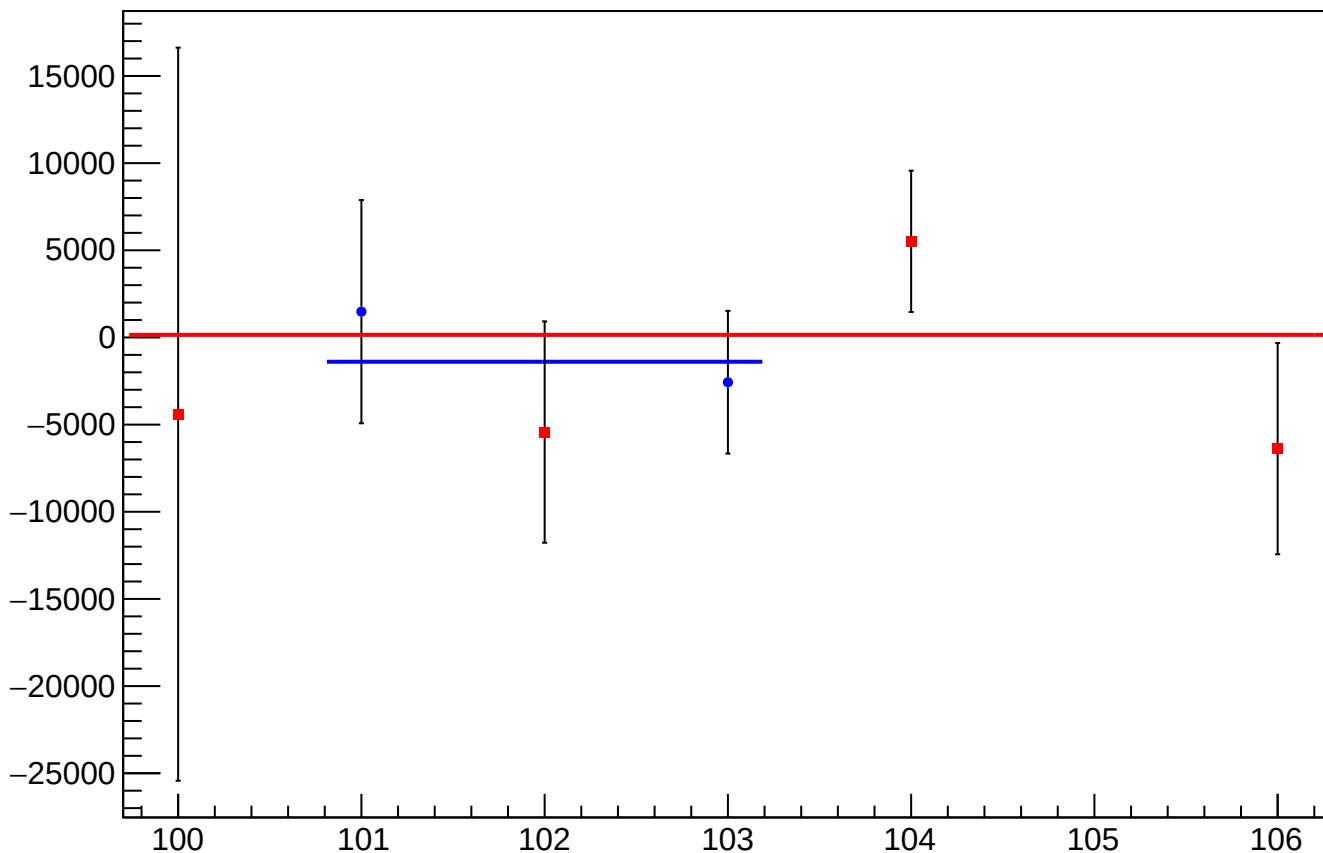
Right: 1522.771 ± 0.680 χ^2/NDF : 358560.8/5

In: 1587.029 ± 1.045 χ^2/NDF : 219933.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1522.771 ± 0.680 χ^2/NDF : 358560.8/5

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.199+/-2946.970 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

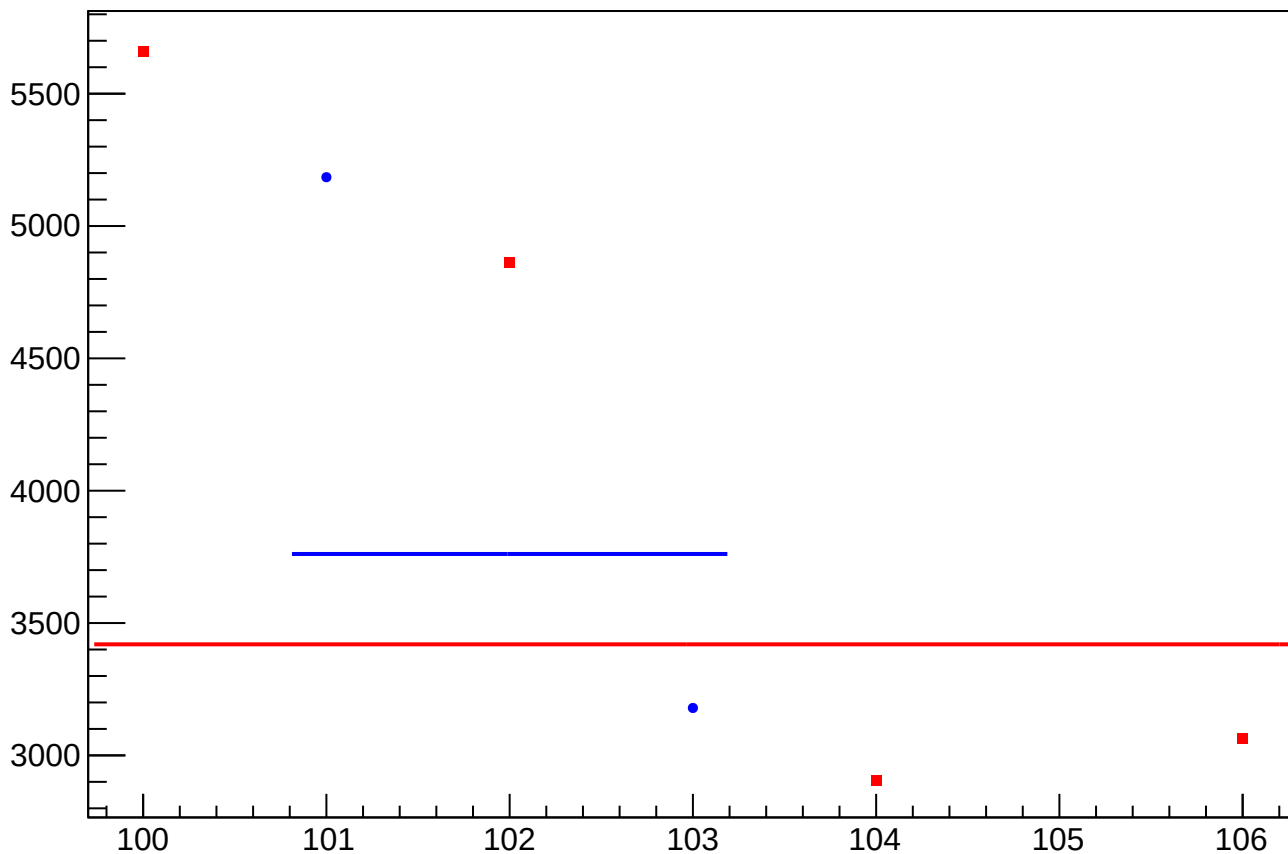
Right: -502.879+/-2240.531 χ^2/NDF : 4.1/5

In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.879+/-2240.531 χ^2/NDF : 4.1/5

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3419.549+/-2.084 χ^2/NDF : 164624.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

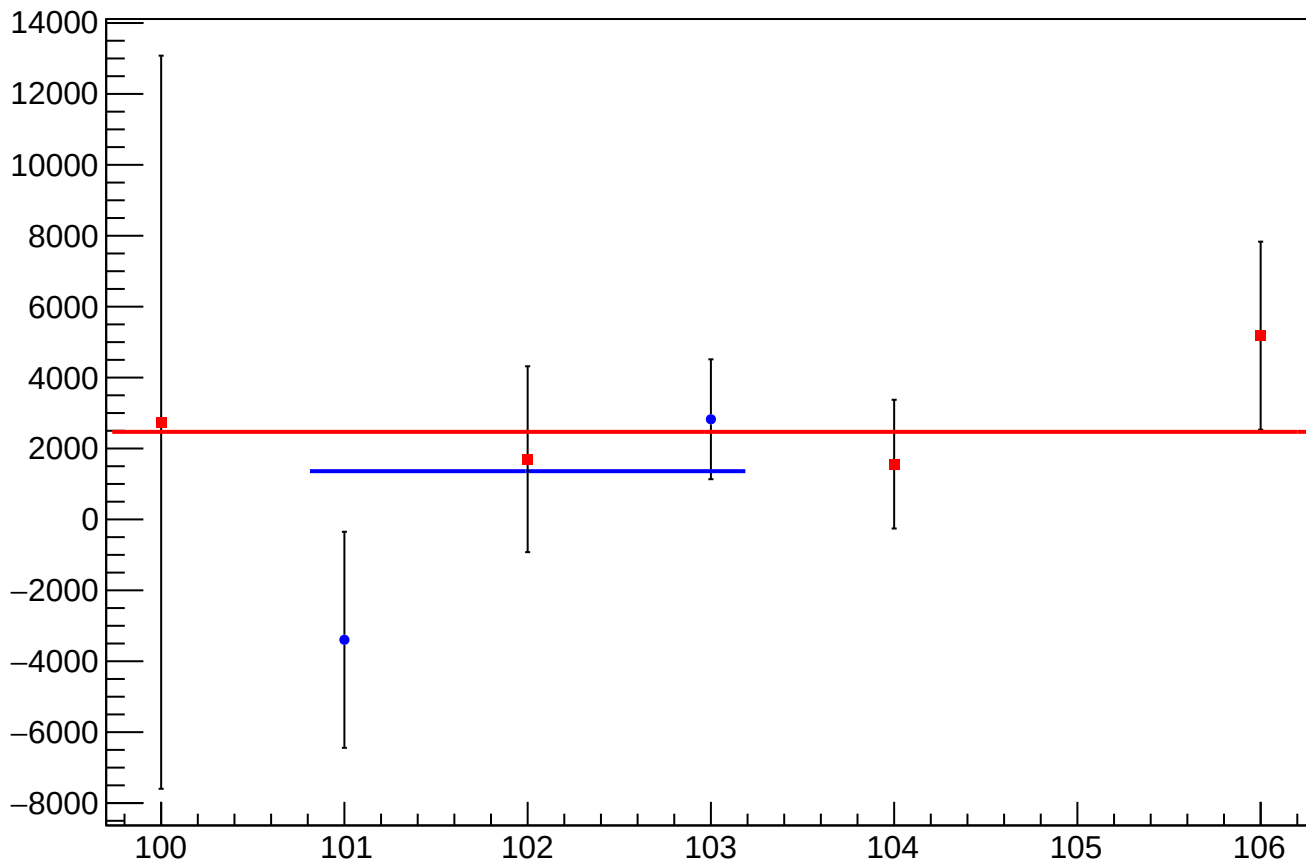
Right: 3563.614+/-1.584 χ^2/NDF : 315192.3/5

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3563.614+/-1.584 χ^2/NDF : 315192.3/5

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2469.544+/-1290.254 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

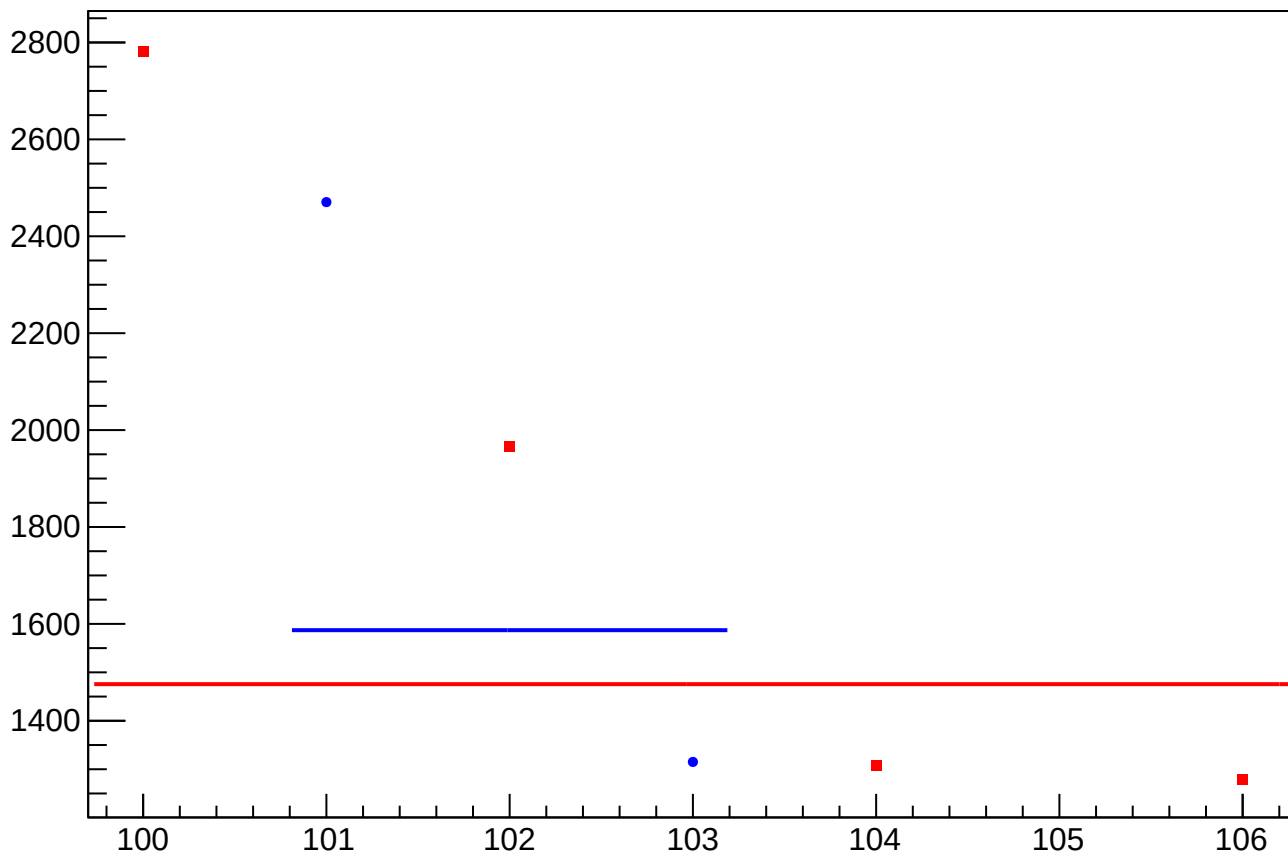
Right: 1989.954+/-972.021 χ^2/NDF : 4.9/5

In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.954+/-972.021 χ^2/NDF : 4.9/5

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1475.608+/-0.895 χ^2/NDF : 132073.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

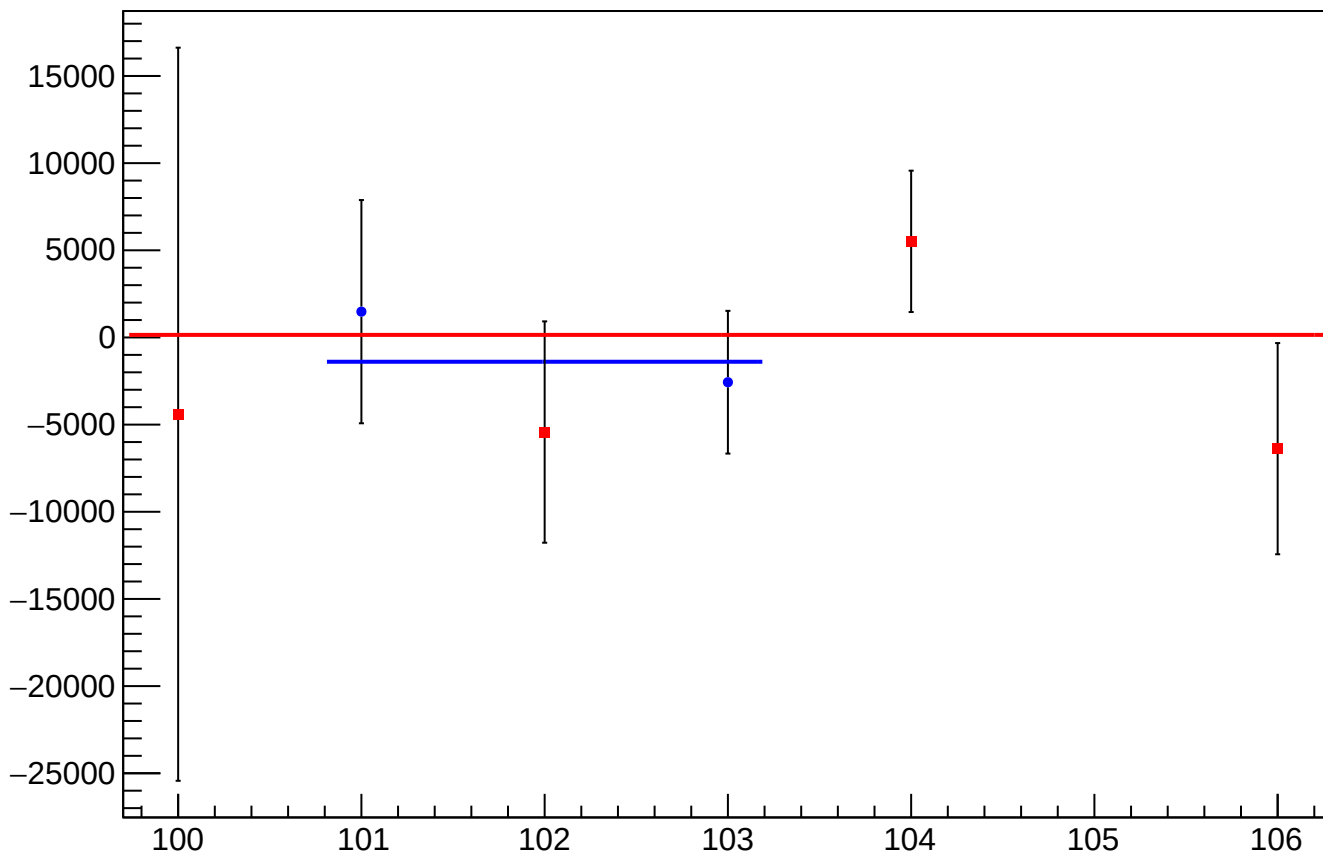
Right: 1522.771+/-0.680 χ^2/NDF : 358560.8/5

In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1522.771+/-0.680 χ^2/NDF : 358560.8/5

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1393.379+/-3449.135 χ^2 /NDF: 0.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147.199+/-2946.970 χ^2 /NDF: 3.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

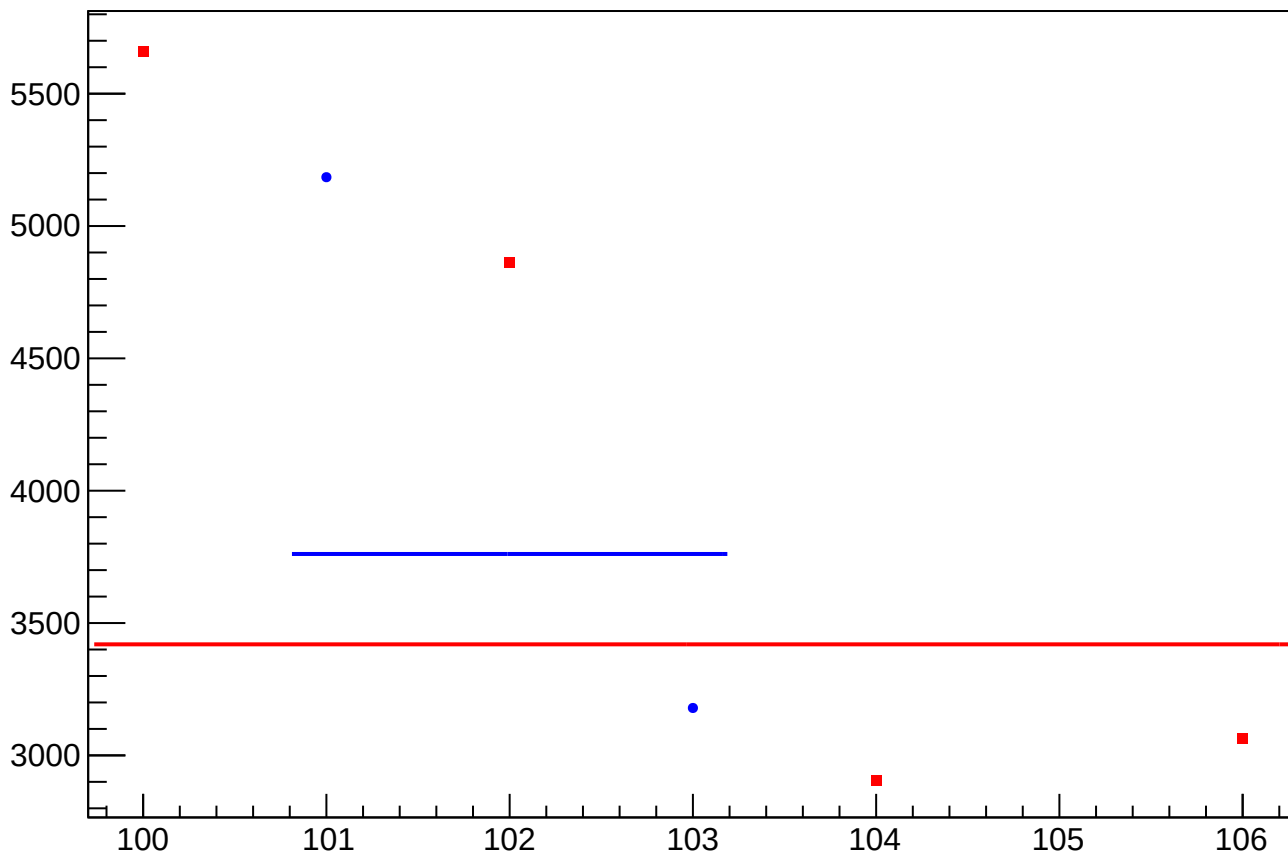
Right: -502.879+/-2240.531 χ^2 /NDF: 4.1/5

In: -1393.379+/-3449.135 χ^2 /NDF: 0.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -502.879+/-2240.531 χ^2 /NDF: 4.1/5

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3419.549+/-2.084 χ^2/NDF : 164624.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

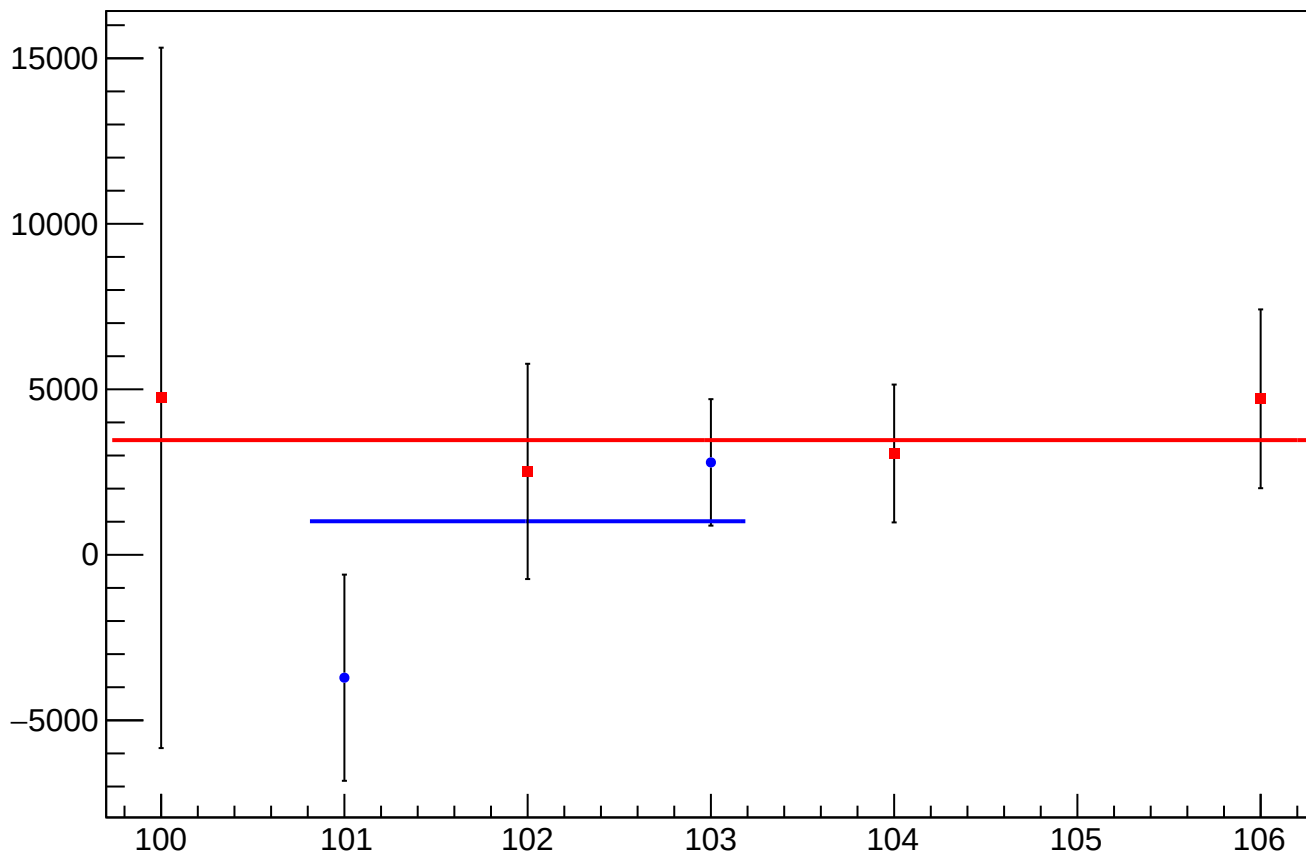
Right: 3563.614+/-1.584 χ^2/NDF : 315192.3/5

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3563.614+/-1.584 χ^2/NDF : 315192.3/5

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1013.987+/-1628.473 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3465.122+/-1456.741 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

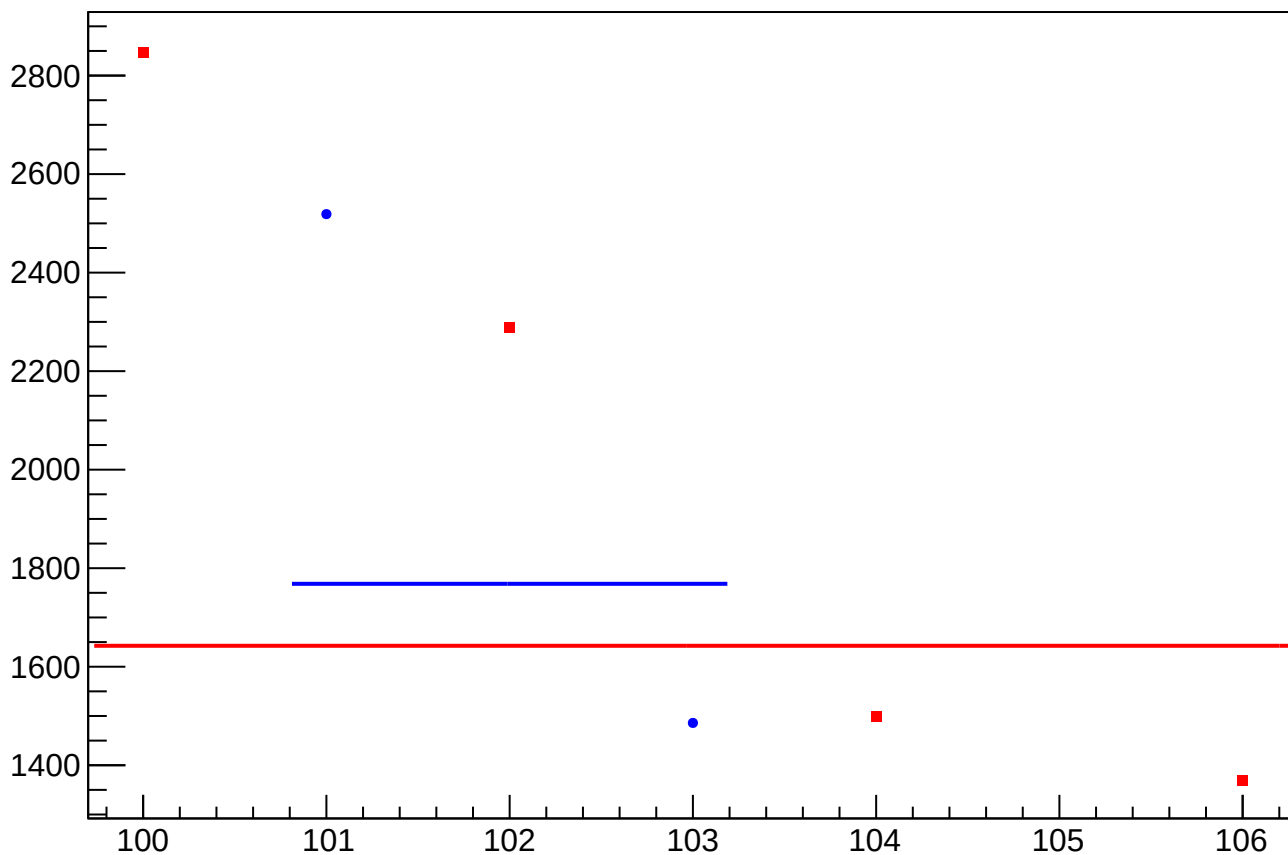
Right: 2375.571+/-1085.727 χ^2/NDF : 4.8/5

In: 1013.987+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2375.571+/-1085.727 χ^2/NDF : 4.8/5

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1768.304+/-1.152 χ^2/NDF : 159821.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.508+/-1.025 χ^2/NDF : 135358.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

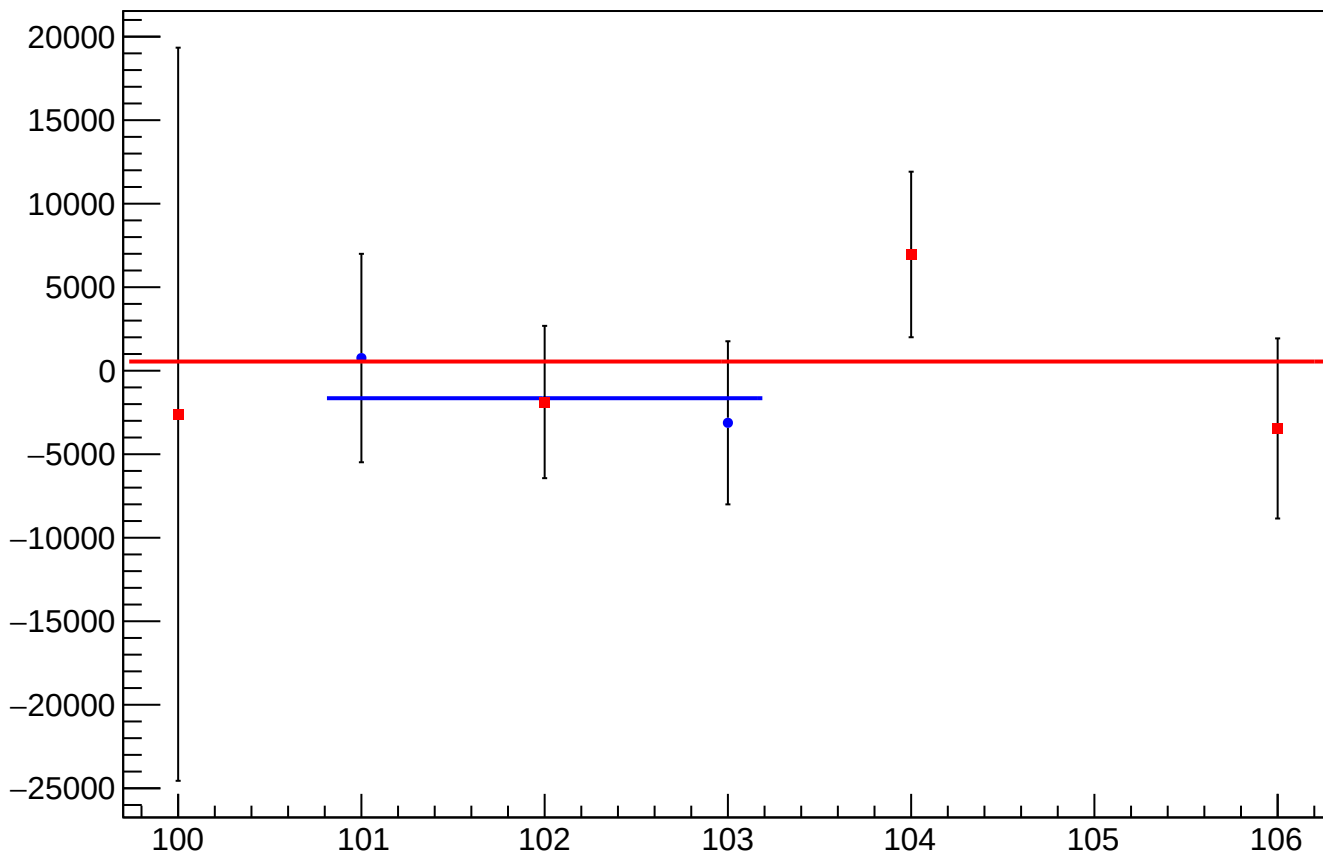
Right: 1698.114+/-0.766 χ^2/NDF : 301839.2/5

In: 1768.304+/-1.152 χ^2/NDF : 159821.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.114+/-0.766 χ^2/NDF : 301839.2/5

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1646.596 $\pm$ 3845.346 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 550.034 $\pm$ 2825.126 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

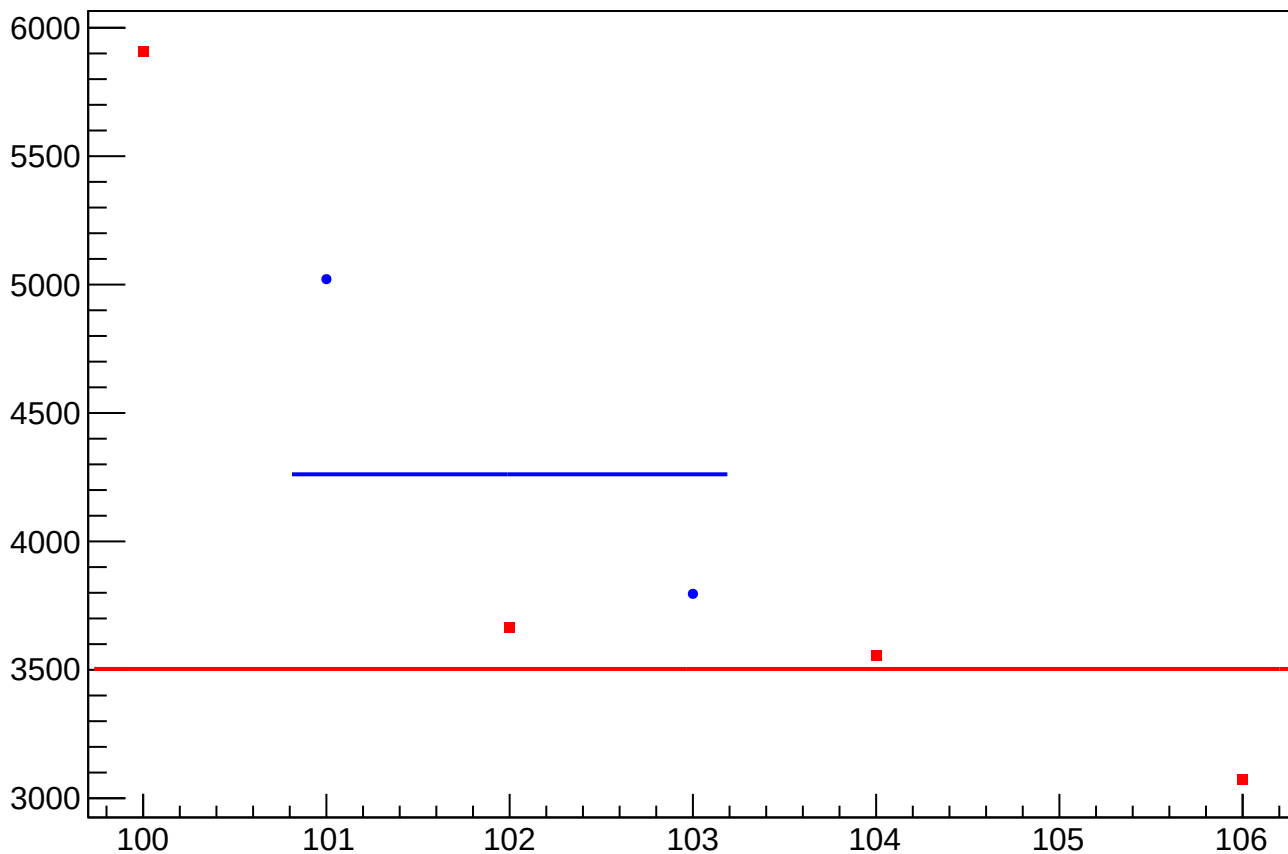
Right: -219.995 $\pm$ 2276.725 χ^2 /NDF: 3.0/5

In: -1646.596 $\pm$ 3845.346 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -219.995 $\pm$ 2276.725 χ^2 /NDF: 3.0/5

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4261.298+/-2.719 χ^2/NDF : 47839.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3503.383+/-1.998 χ^2/NDF : 39511.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

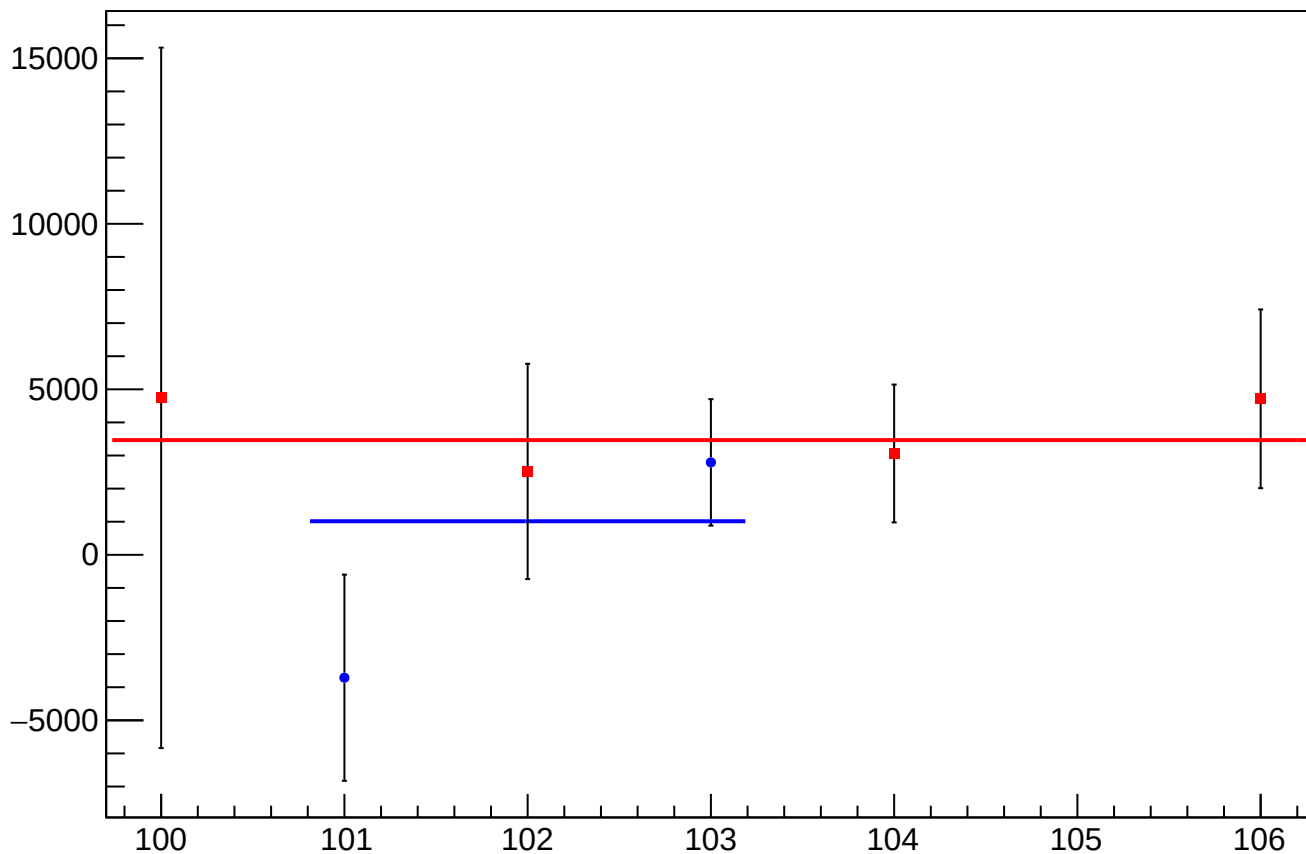
Right: 3769.070+/-1.610 χ^2/NDF : 137810.5/5

In: 4261.298+/-2.719 χ^2/NDF : 47839.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3769.070+/-1.610 χ^2/NDF : 137810.5/5

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 1013.973+/-1628.473 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3465.120+/-1456.740 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

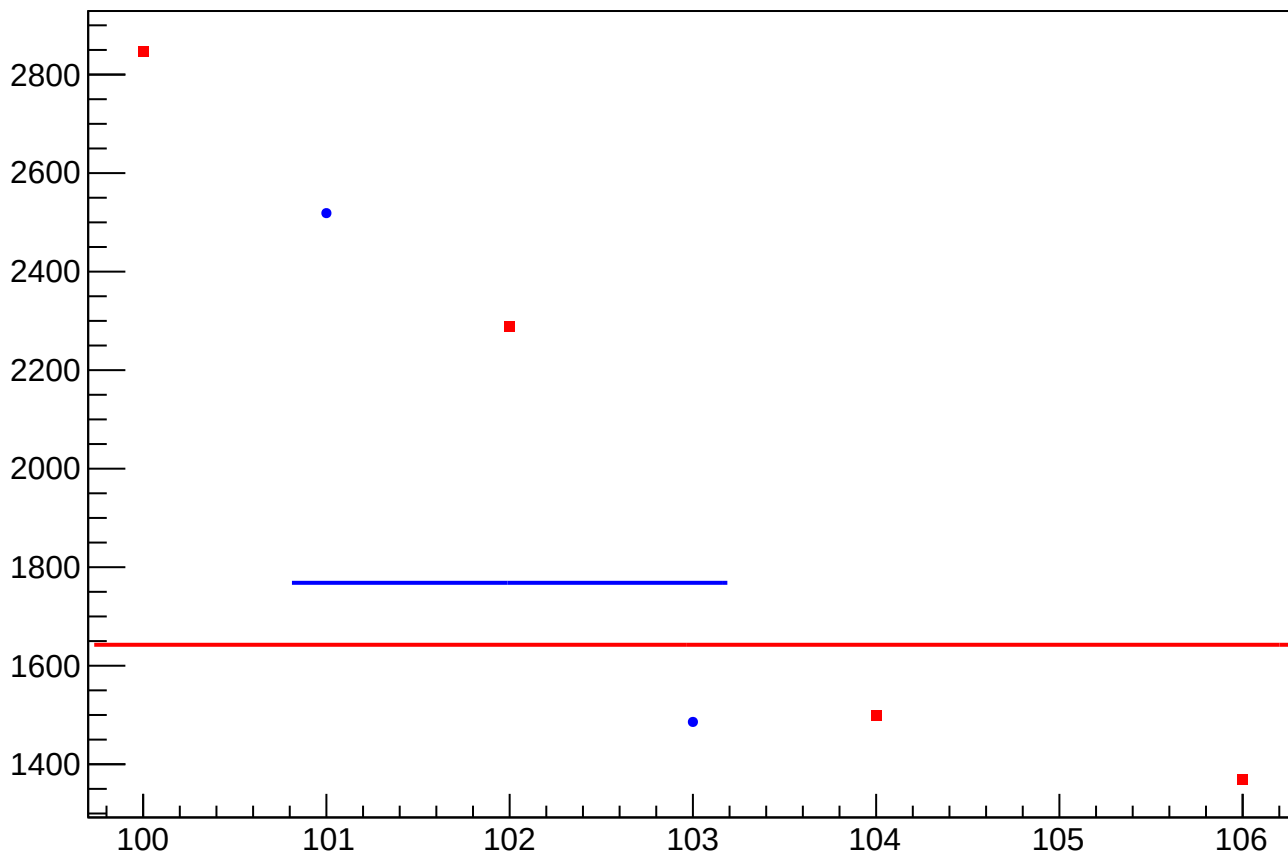
Right: 2375.563+/-1085.727 χ^2/NDF : 4.8/5

In: 1013.973+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2375.563+/-1085.727 χ^2/NDF : 4.8/5

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1768.303+/-1.152 χ^2/NDF : 159821.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.508+/-1.025 χ^2/NDF : 135358.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

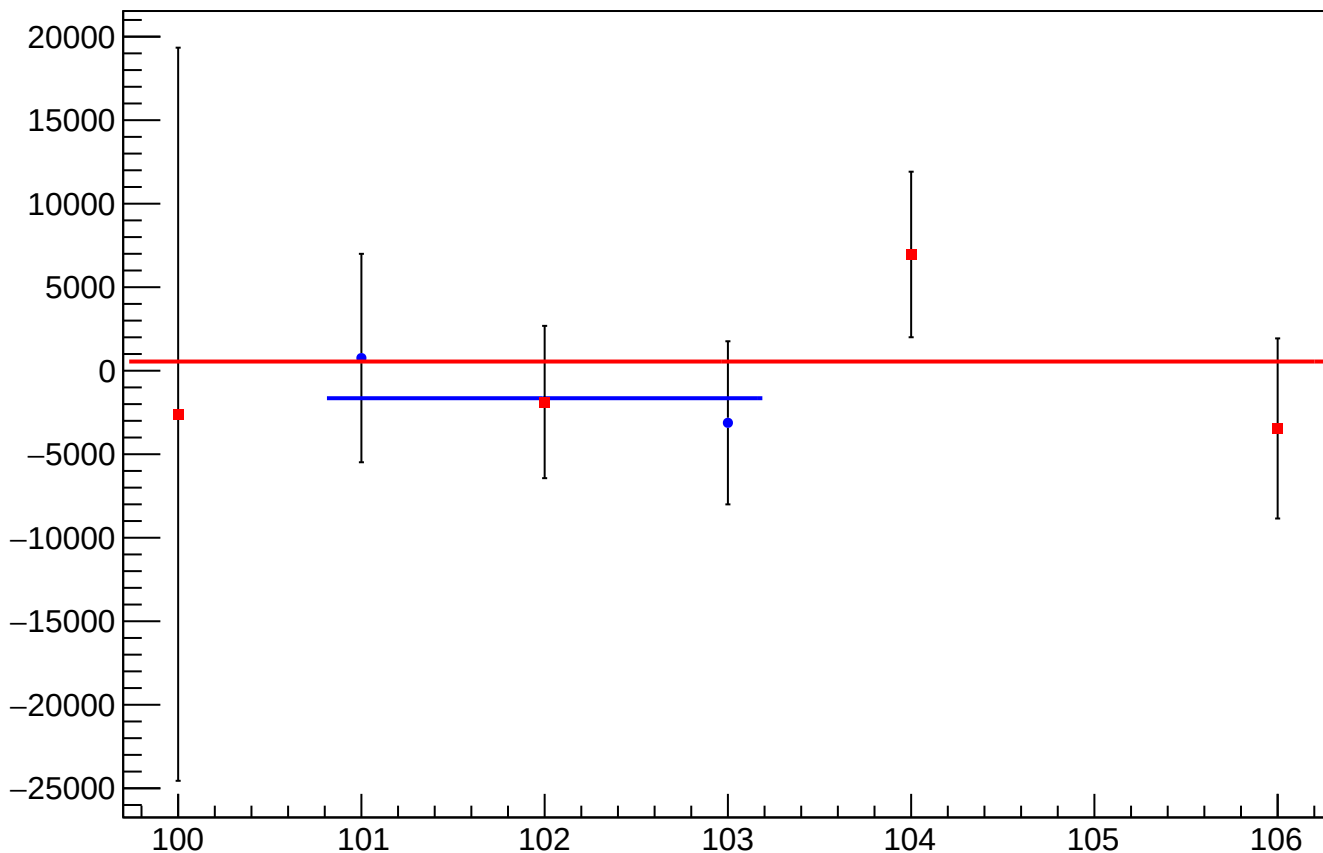
Right: 1698.113+/-0.766 χ^2/NDF : 301839.3/5

In: 1768.303+/-1.152 χ^2/NDF : 159821.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.113+/-0.766 χ^2/NDF : 301839.3/5

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1646.609+/-3845.343 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 550.033+/-2825.123 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

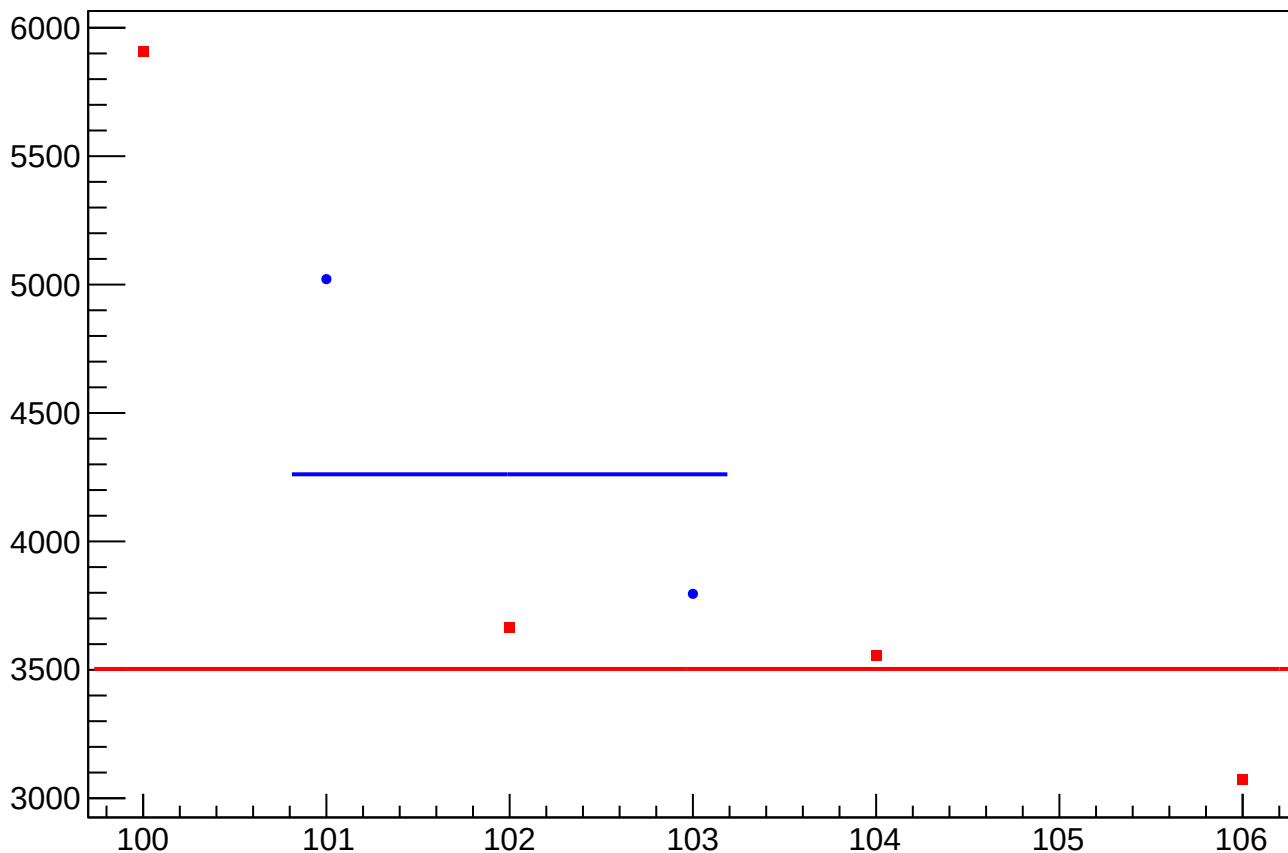
Right: -220.000+/-2276.723 χ^2/NDF : 3.0/5

In: -1646.609+/-3845.343 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.000+/-2276.723 χ^2/NDF : 3.0/5

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4261.295+/-2.719 χ^2/NDF : 47839.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3503.380+/-1.998 χ^2/NDF : 39511.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

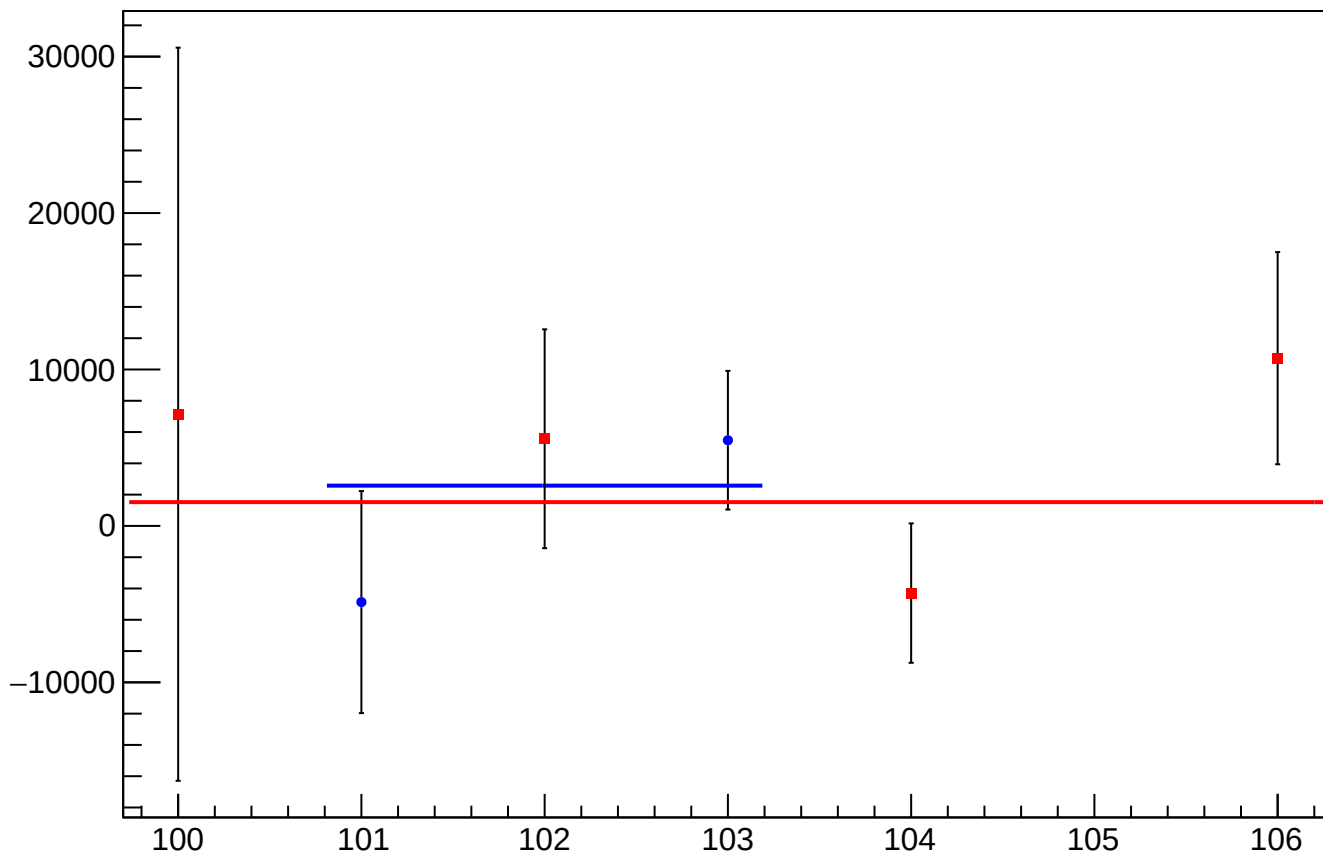
Right: 3769.067+/-1.610 χ^2/NDF : 137810.5/5

In: 4261.295+/-2.719 χ^2/NDF : 47839.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3769.067+/-1.610 χ^2/NDF : 137810.5/5

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 2574.720+/-3759.215 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1521.089+/-3255.030 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

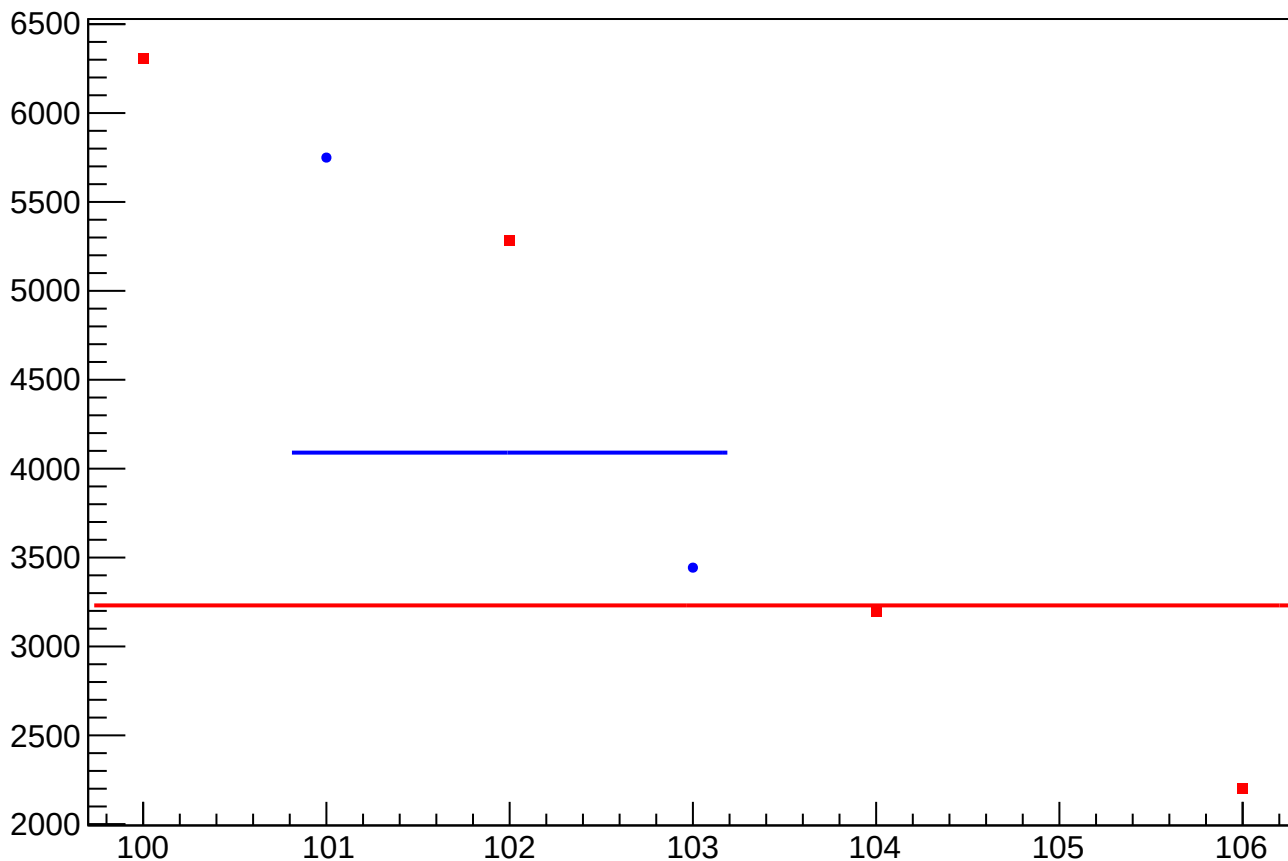
Right: 1972.559+/-2460.748 χ^2/NDF : 5.5/5

In: 2574.720+/-3759.215 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1972.559+/-2460.748 χ^2/NDF : 5.5/5

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4090.184+/-2.658 χ^2/NDF : 151919.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3230.883+/-2.065 χ^2/NDF : 301131.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

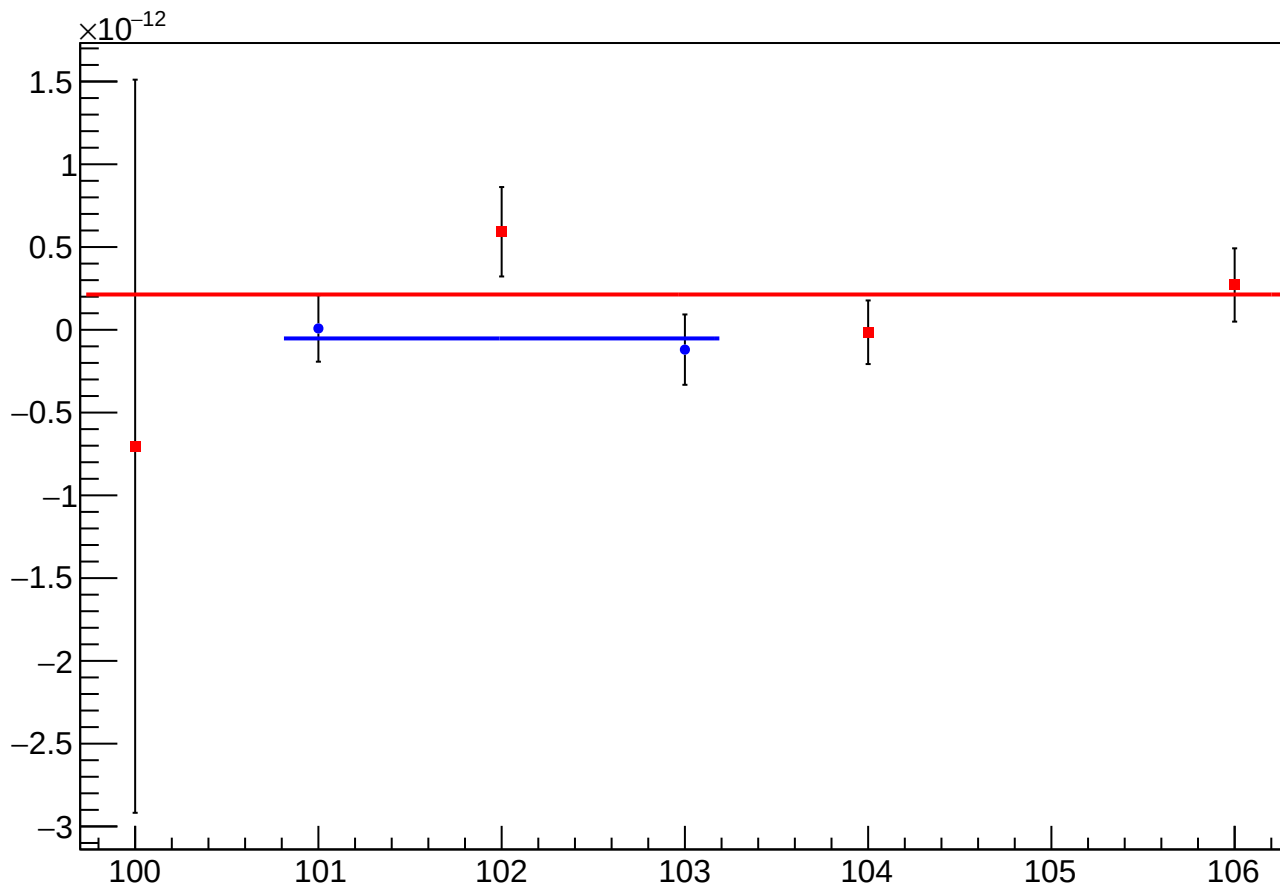
Right: 3554.207+/-1.631 χ^2/NDF : 518232.7/5

In: 4090.184+/-2.658 χ^2/NDF : 151919.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3554.207+/-1.631 χ^2/NDF : 518232.7/5

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

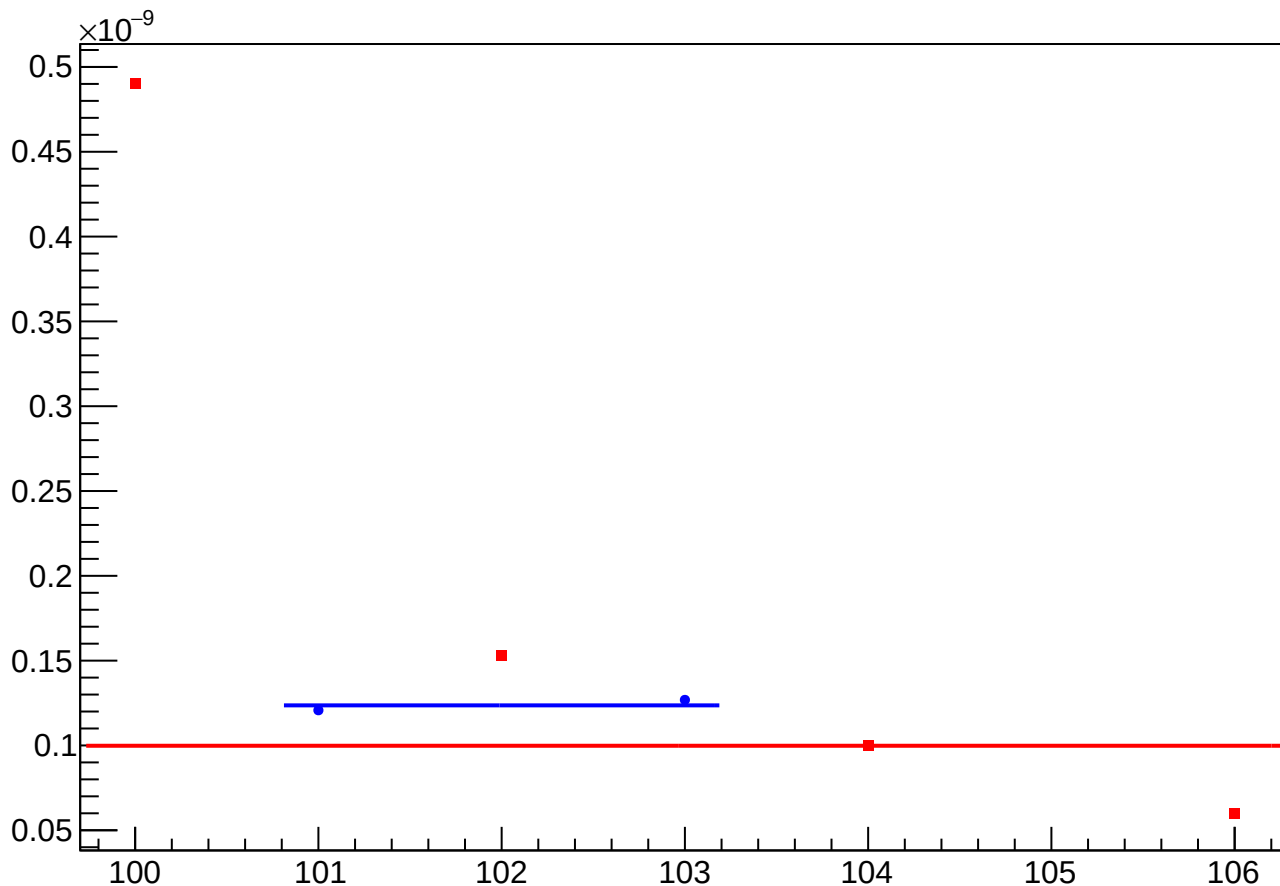
Right: 0.000+/-0.000 χ^2/NDF : 5.7/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.7/5

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 869.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205534.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

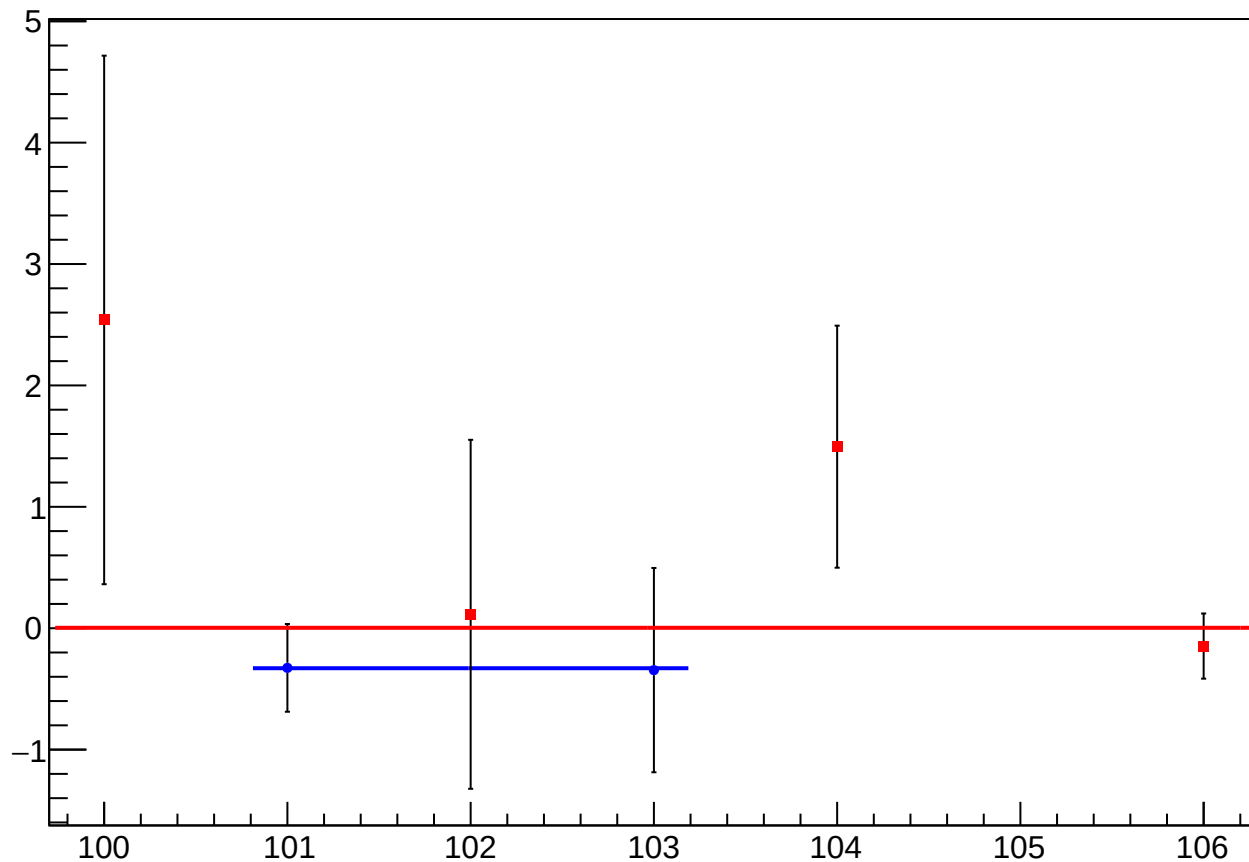
Right: 0.000+/-0.000 χ^2/NDF : 236561.6/5

In: 0.000+/-0.000 χ^2/NDF : 869.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 236561.6/5

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.253 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

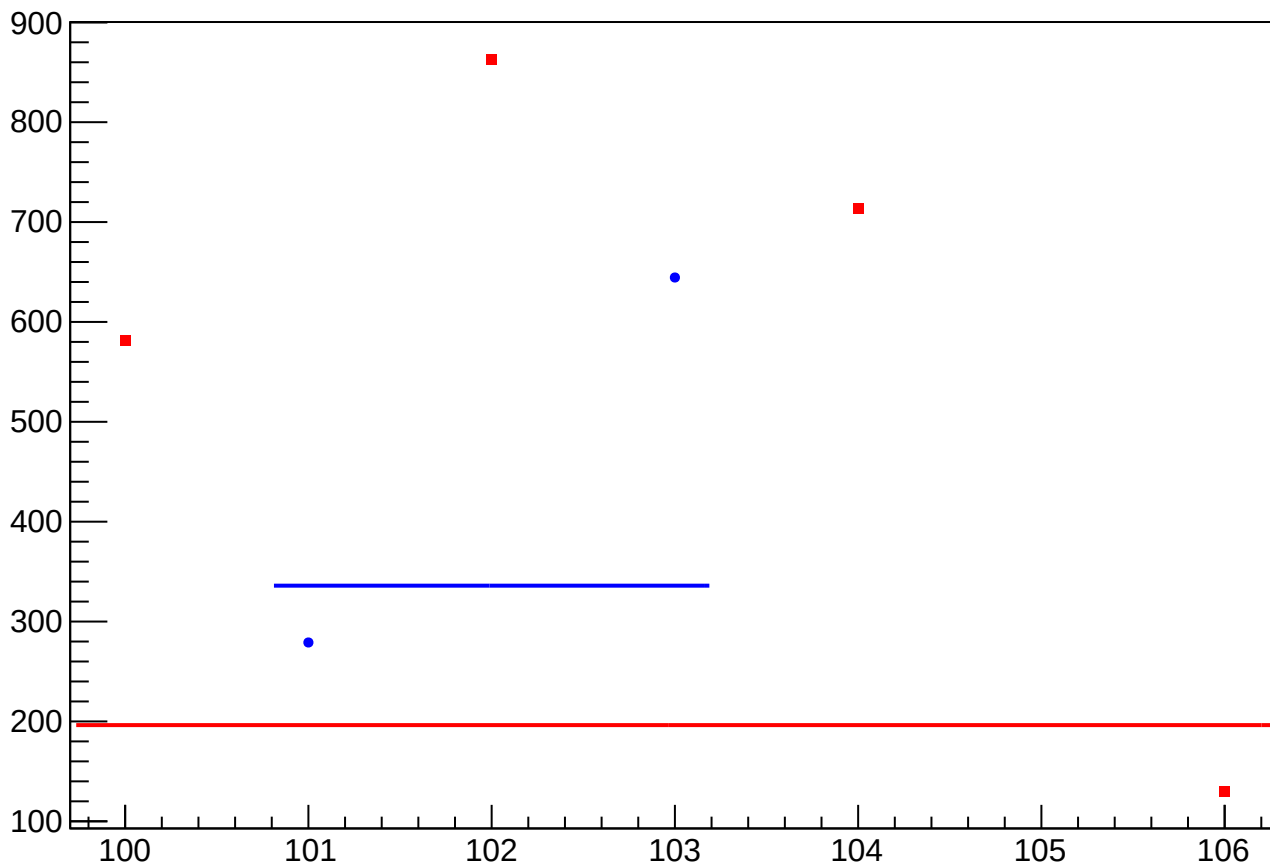
Right: -0.119+/-0.201 χ^2/NDF : 4.6/5

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.119+/-0.201 χ^2/NDF : 4.6/5

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.318+/-0.179 χ^2/NDF : 1153567.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

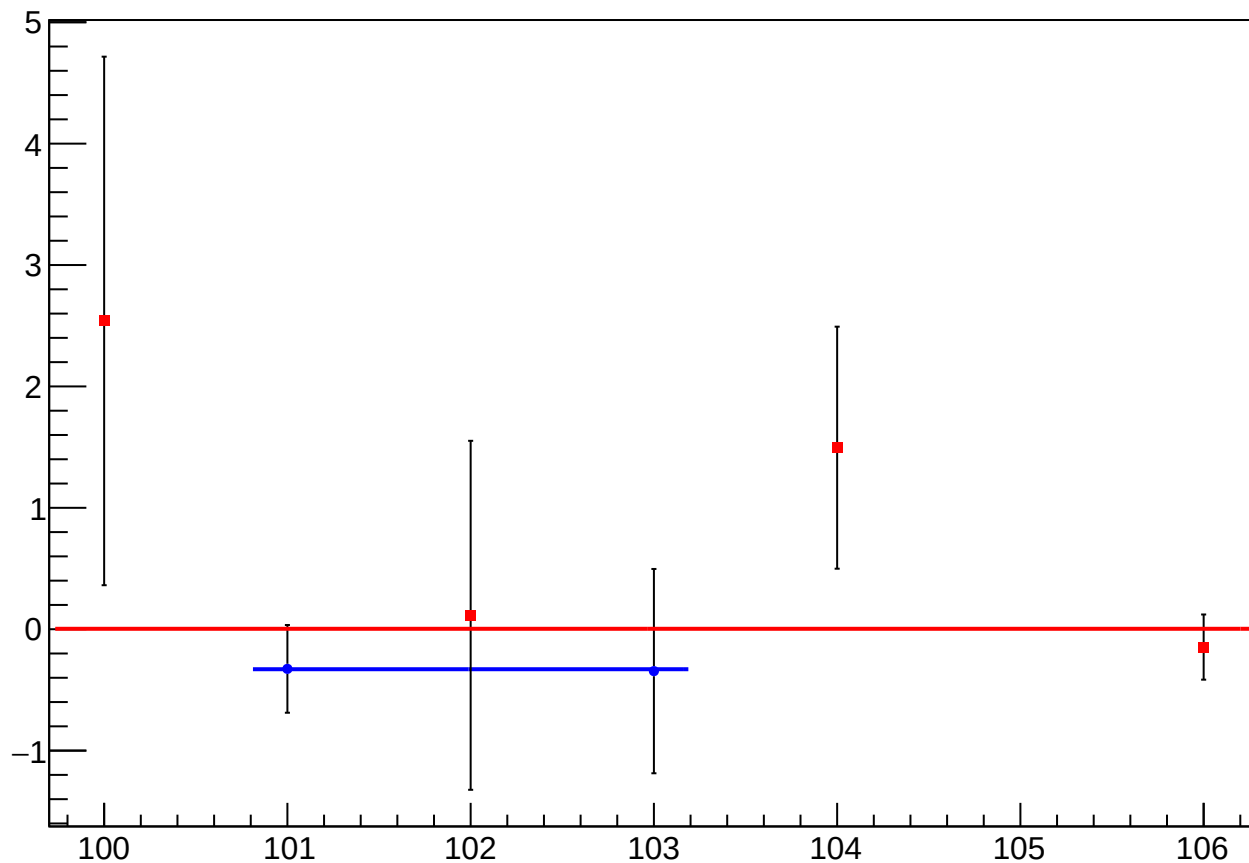
Right: 247.695+/-0.142 χ^2/NDF : 1695562.8/5

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.695+/-0.142 χ^2/NDF : 1695562.8/5

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330 ± 0.332 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.004 ± 0.253 $\chi^2/\text{NDF}: 3.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

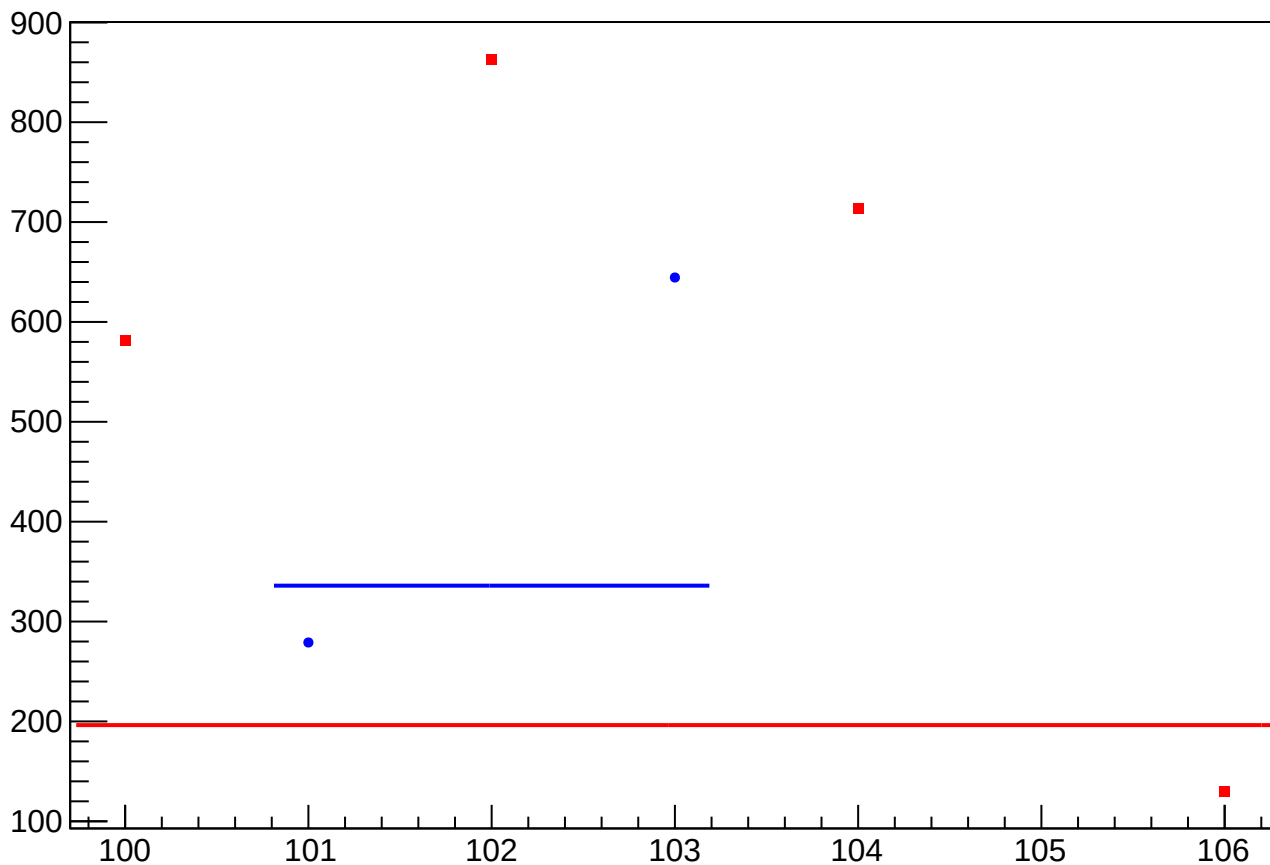
Right: -0.119 ± 0.201 $\chi^2/\text{NDF}: 4.6/5$

In: -0.330 ± 0.332 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.119 ± 0.201 $\chi^2/\text{NDF}: 4.6/5$

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.318+/-0.179 χ^2/NDF : 1153567.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

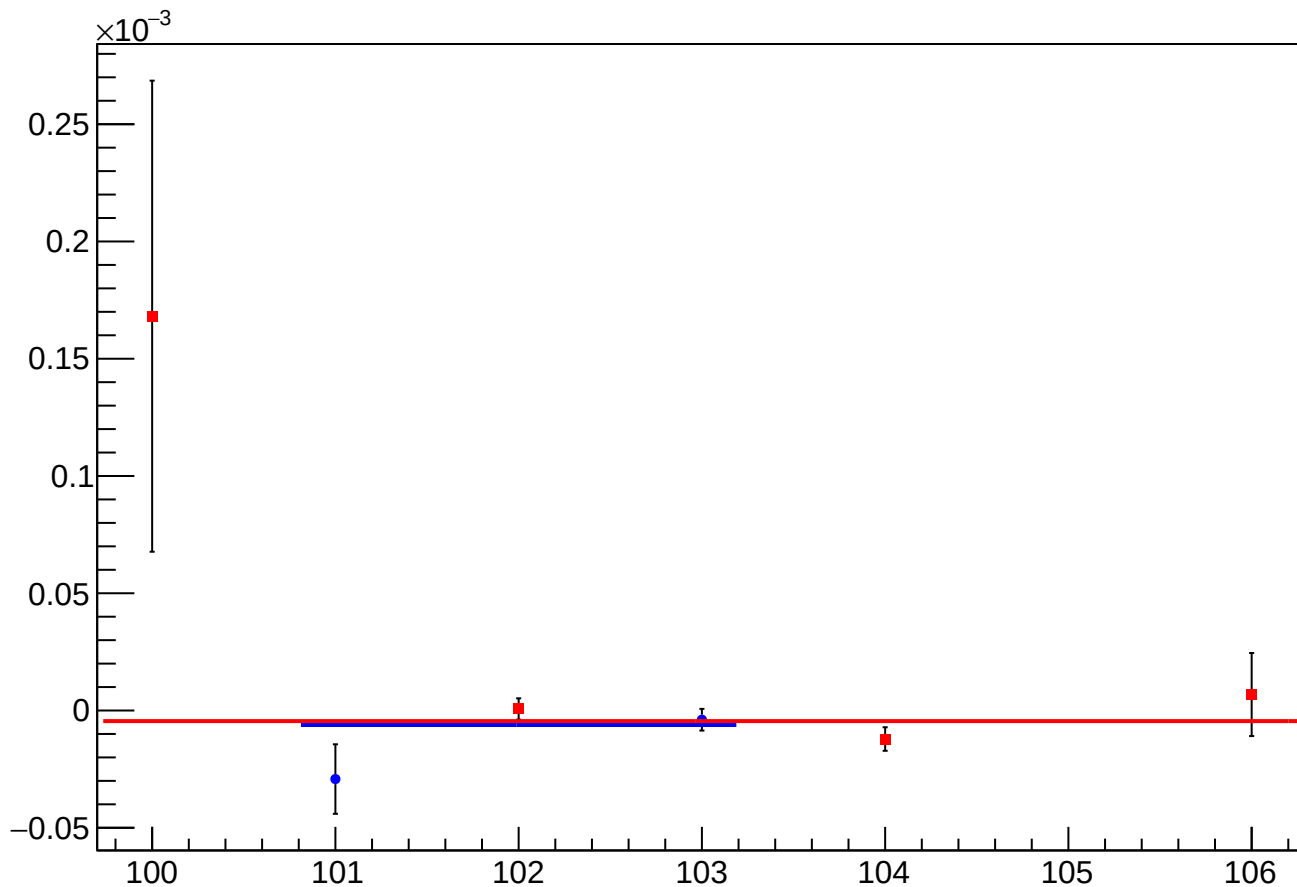
Right: 247.695+/-0.142 χ^2/NDF : 1695562.8/5

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.695+/-0.142 χ^2/NDF : 1695562.8/5

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

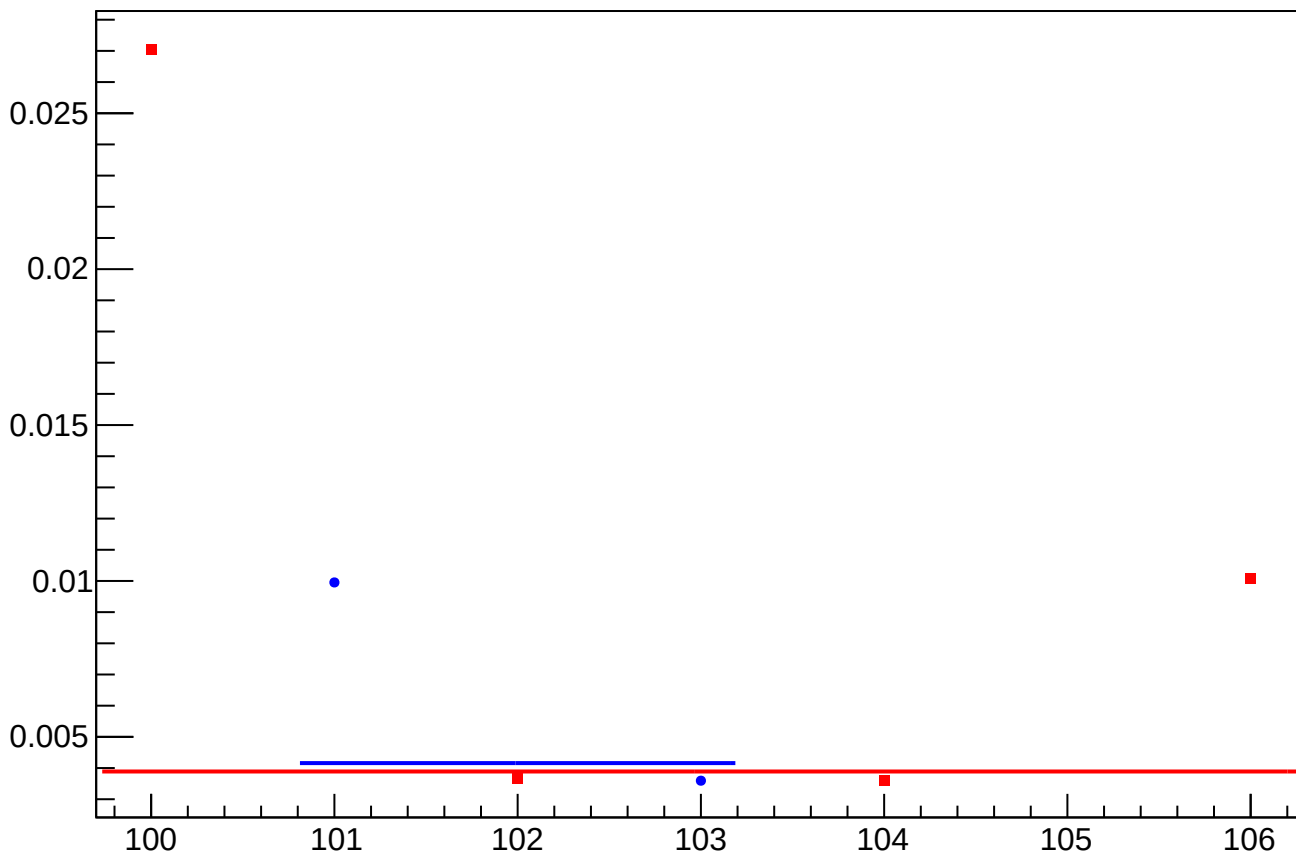
Right: -0.000+/-0.000 χ^2/NDF : 9.7/5

In: -0.000+/-0.000 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/5

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 335558.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 360648.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

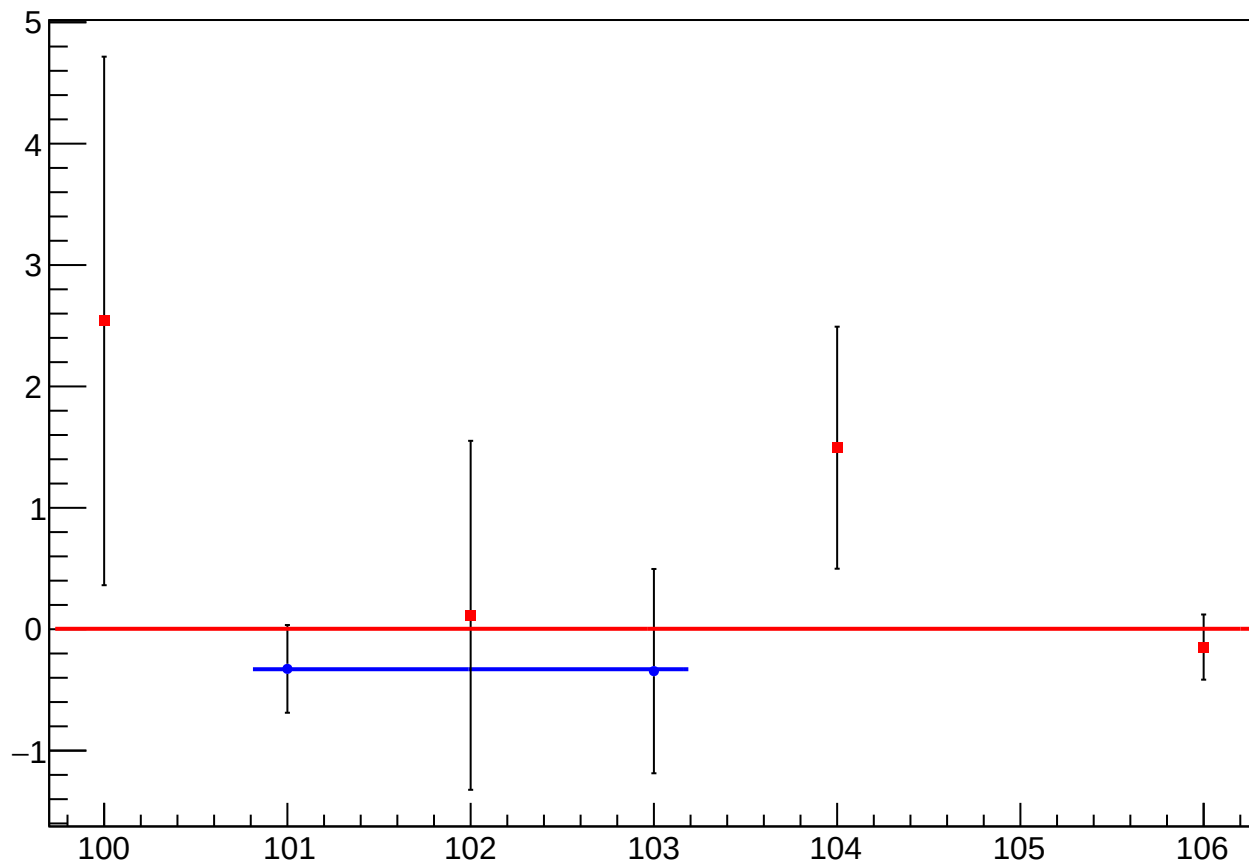
Right: 0.004+/-0.000 χ^2/NDF : 700976.0/5

In: 0.004+/-0.000 χ^2/NDF : 335558.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 700976.0/5

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330 ± 0.332 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.253 χ^2/NDF : 3.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

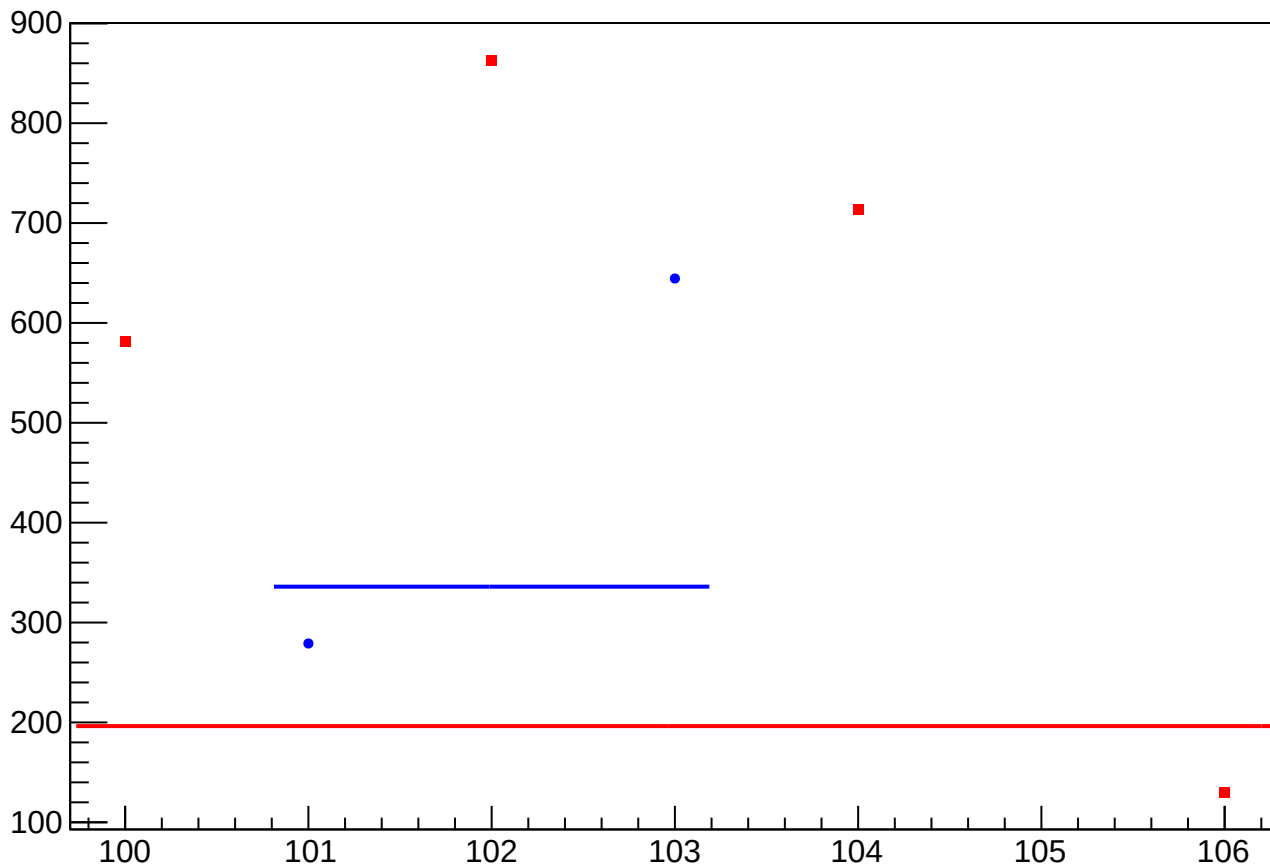
Right: -0.119 ± 0.201 χ^2/NDF : 4.6/5

In: -0.330 ± 0.332 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.119 ± 0.201 χ^2/NDF : 4.6/5

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.317+/-0.179 χ^2/NDF : 1153568.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

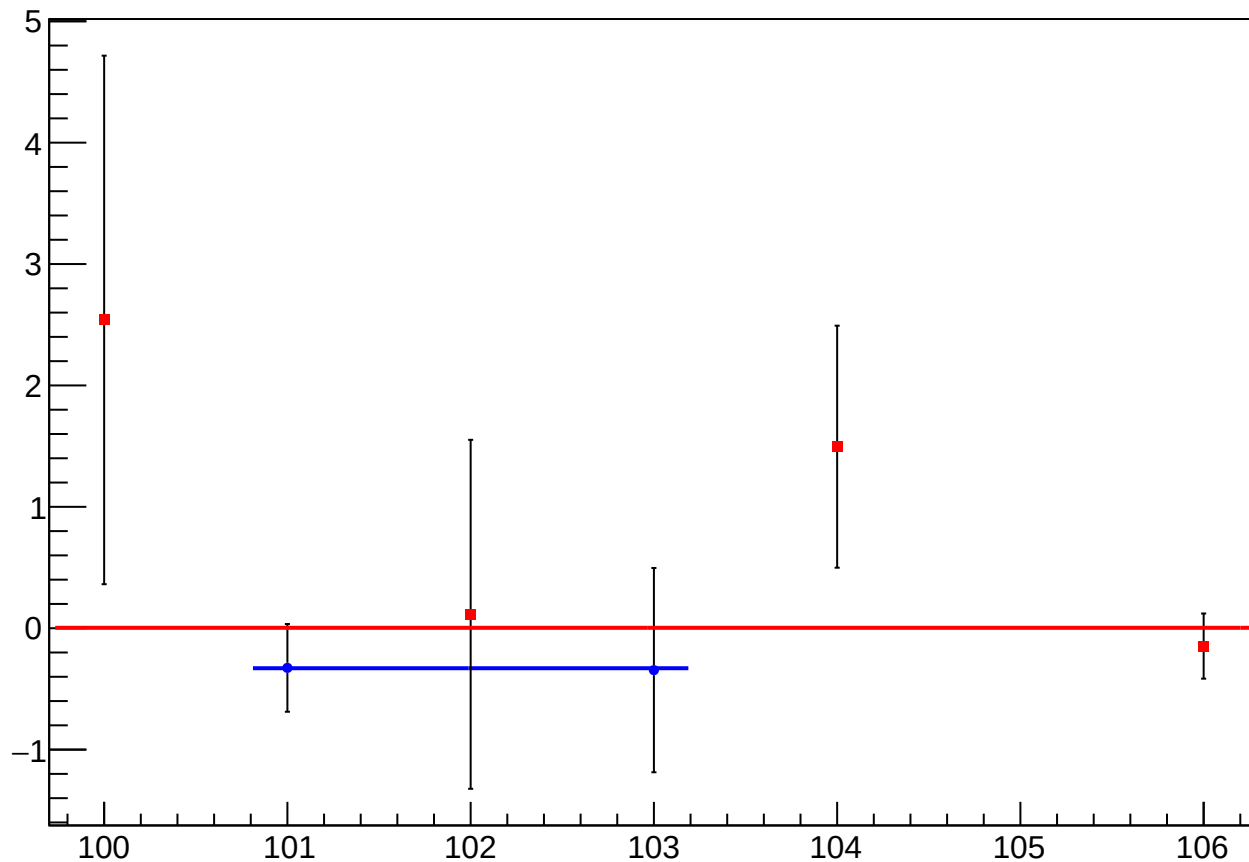
Right: 247.694+/-0.142 χ^2/NDF : 1695564.8/5

In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.694+/-0.142 χ^2/NDF : 1695564.8/5

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330 ± 0.332 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.004 ± 0.253 $\chi^2/\text{NDF}: 3.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

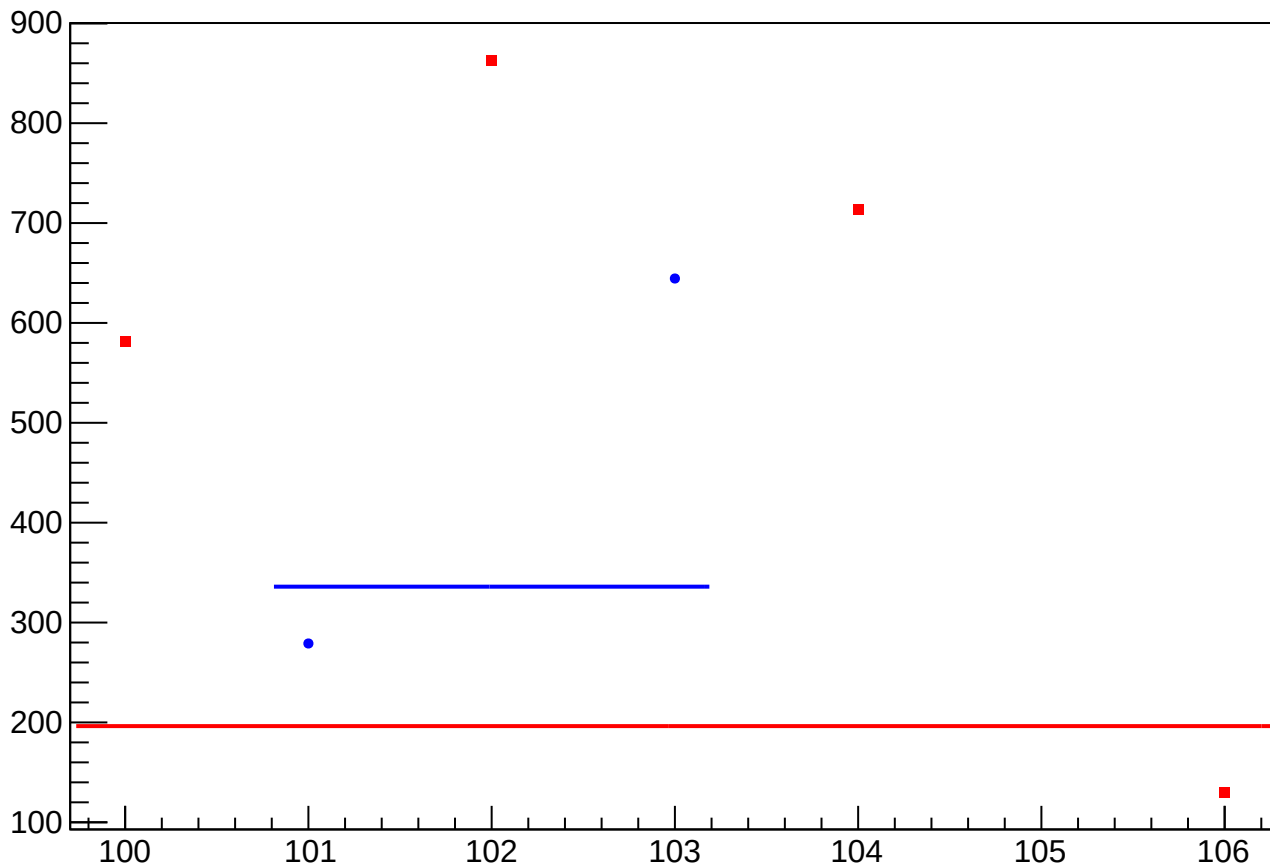
Right: -0.119 ± 0.201 $\chi^2/\text{NDF}: 4.6/5$

In: -0.330 ± 0.332 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.119 ± 0.201 $\chi^2/\text{NDF}: 4.6/5$

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.317+/-0.179 χ^2/NDF : 1153568.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

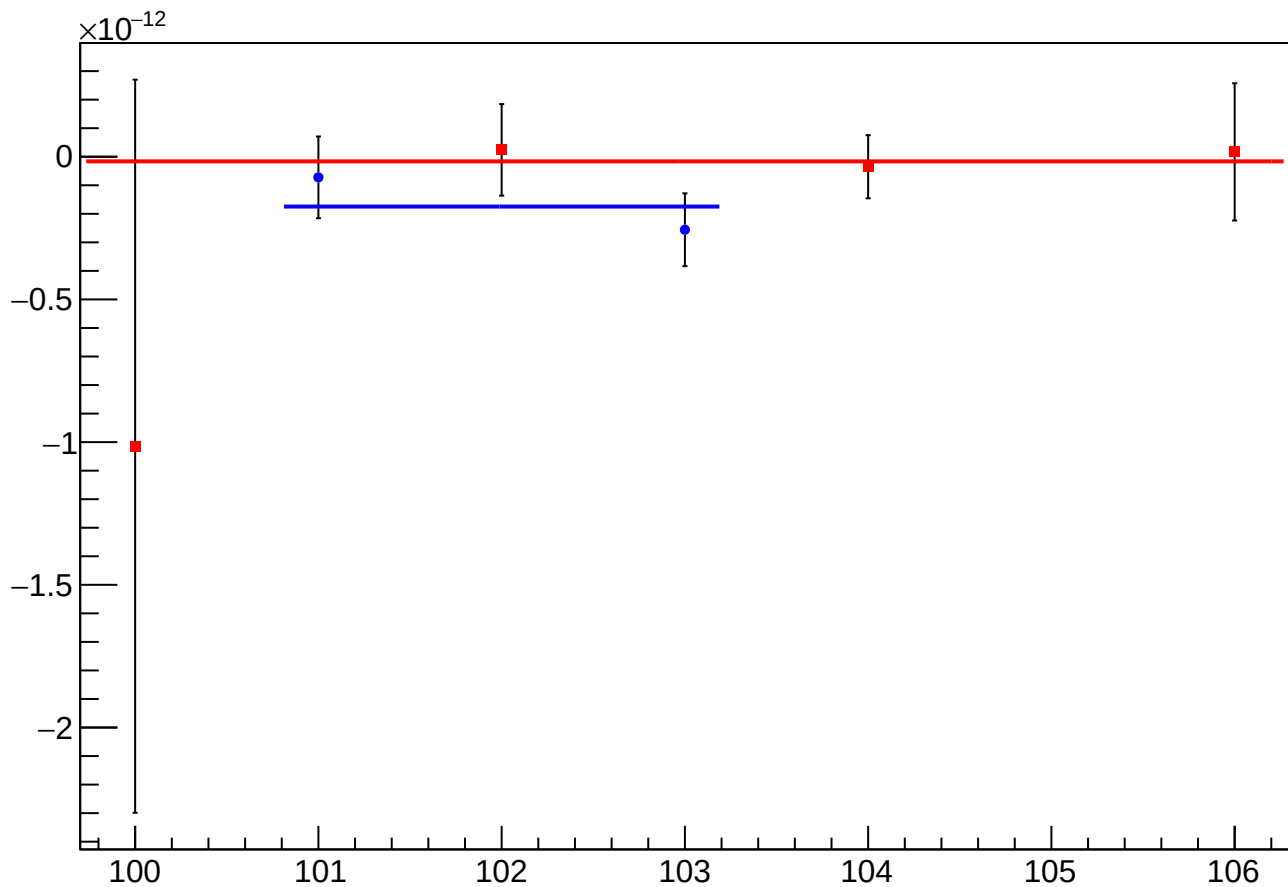
Right: 247.694+/-0.142 χ^2/NDF : 1695564.8/5

In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.694+/-0.142 χ^2/NDF : 1695564.8/5

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

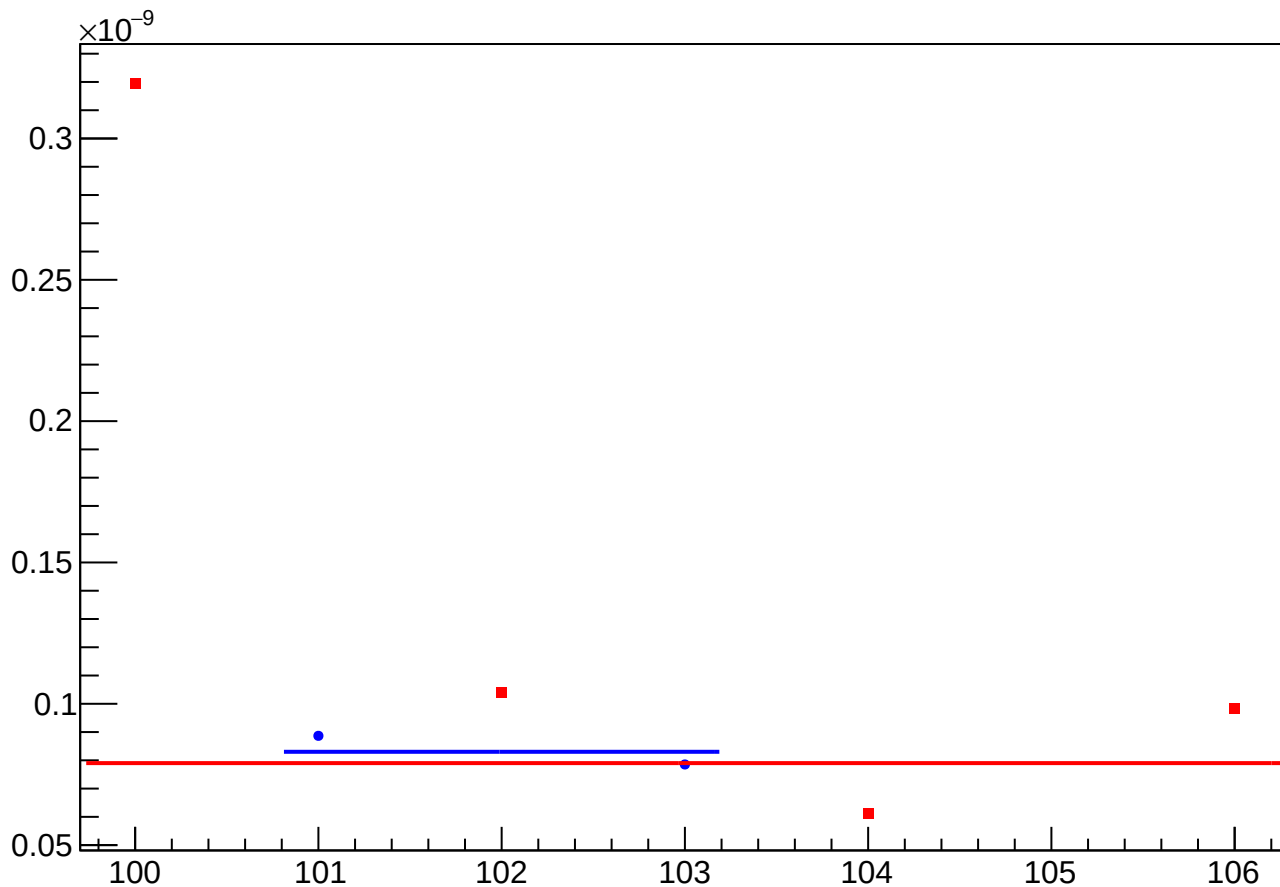
Right: -0.000+/-0.000 χ^2 /NDF: 3.2/5

In: -0.000+/-0.000 χ^2 /NDF:0.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.2/5

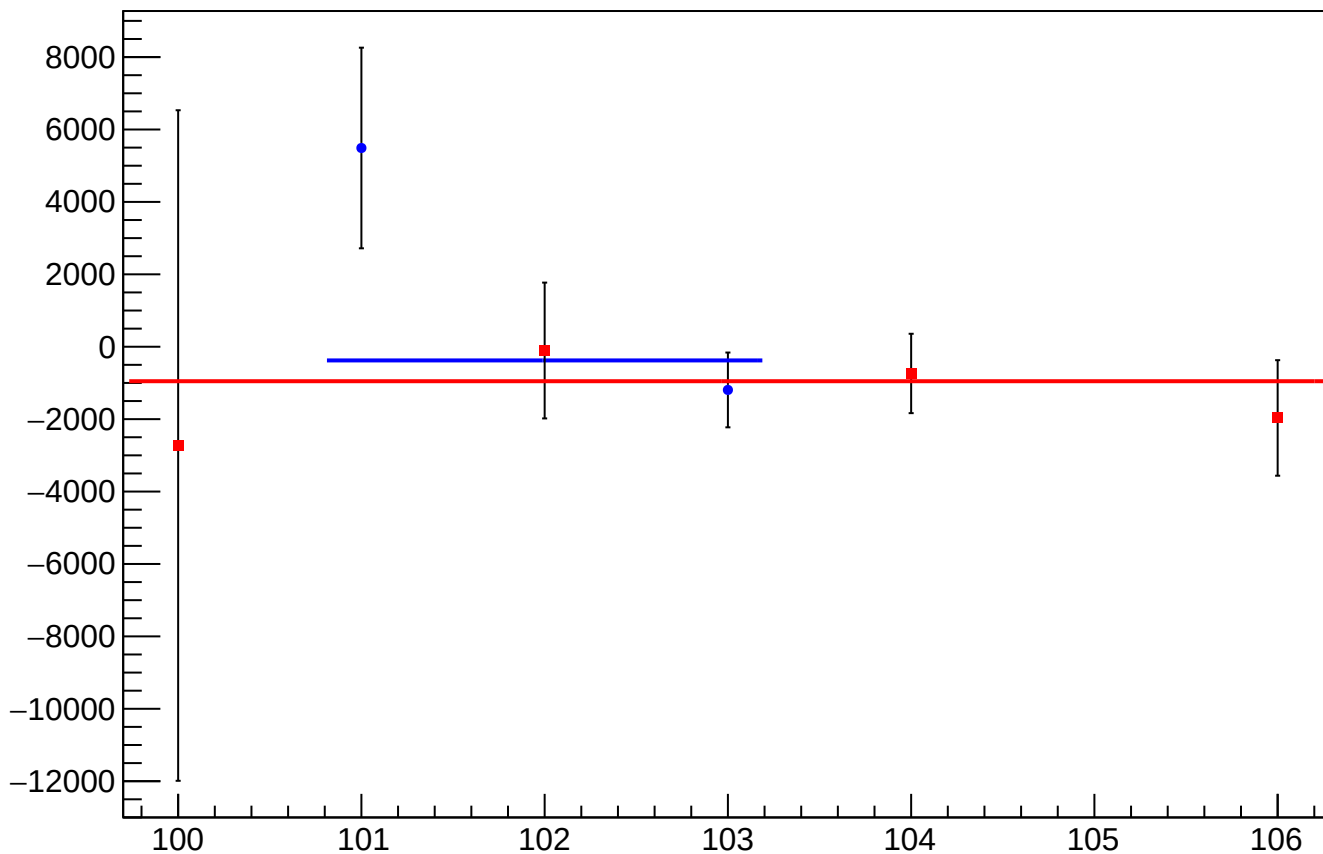
asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5580.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 184514.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 192063.6/5
 In: 0.000+/-0.000 χ^2/NDF : 5580.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 192063.6/5

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -378.088+/-967.790 χ^2 /NDF: 5.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -952.242+/-810.844 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

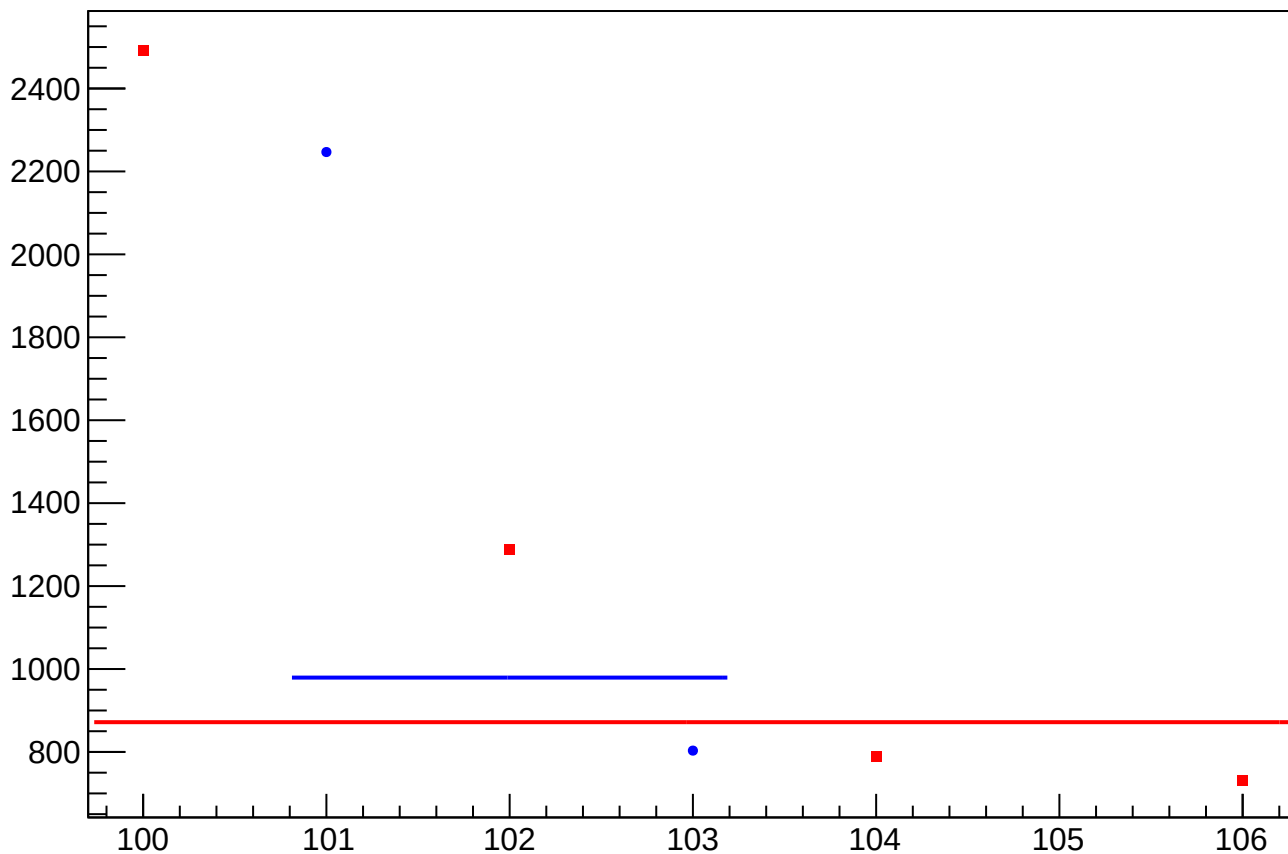
Right: -715.436+/-621.531 χ^2 /NDF: 6.0/5

In: -378.088+/-967.790 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -715.436+/-621.531 χ^2 /NDF: 6.0/5

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.324+/-0.684 χ^2/NDF : 476597.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 871.804+/-0.556 χ^2/NDF : 190670.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

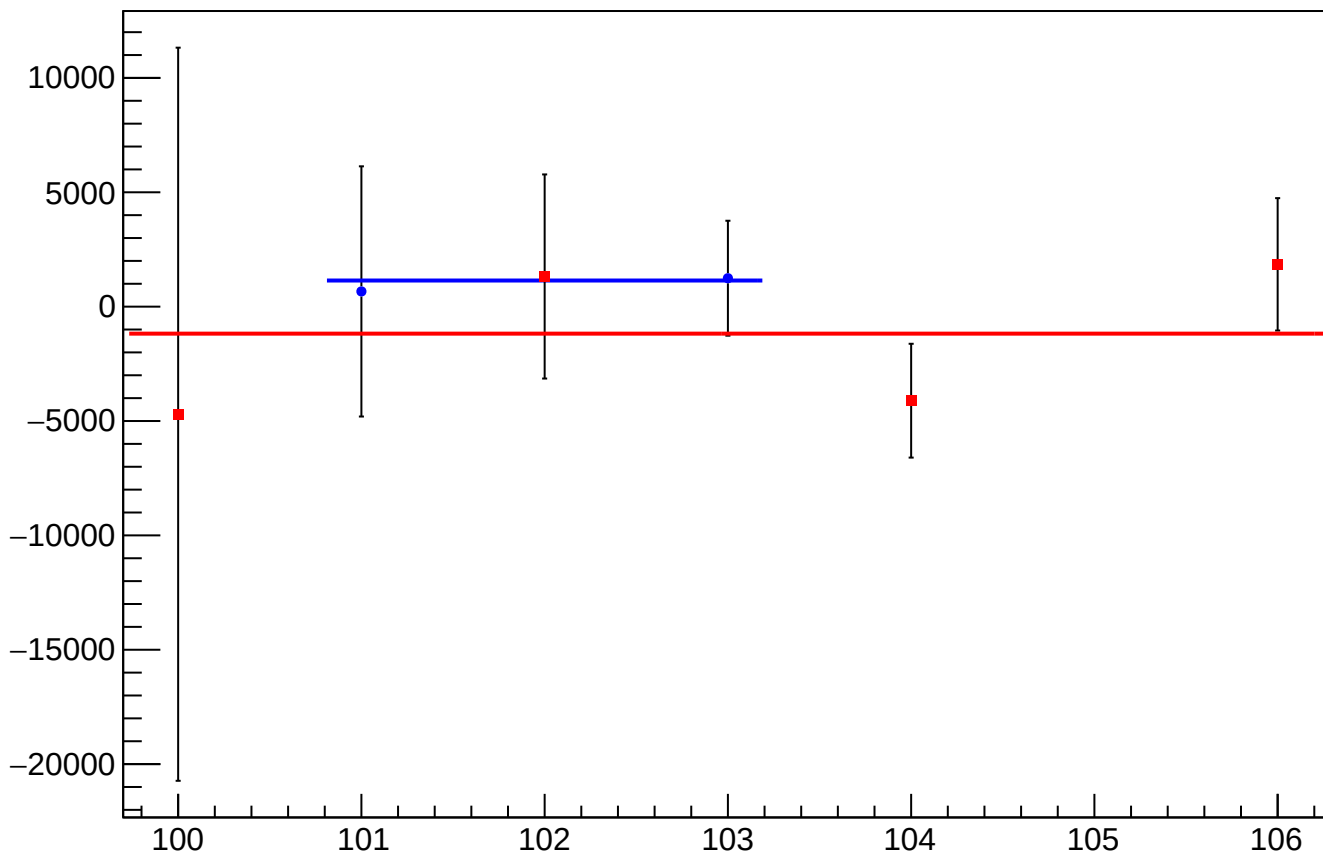
Right: 914.516+/-0.431 χ^2/NDF : 682148.3/5

In: 979.324+/-0.684 χ^2/NDF : 476597.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.516+/-0.431 χ^2/NDF : 682148.3/5

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1142.471+/-2282.996 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1180.170+/-1727.660 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

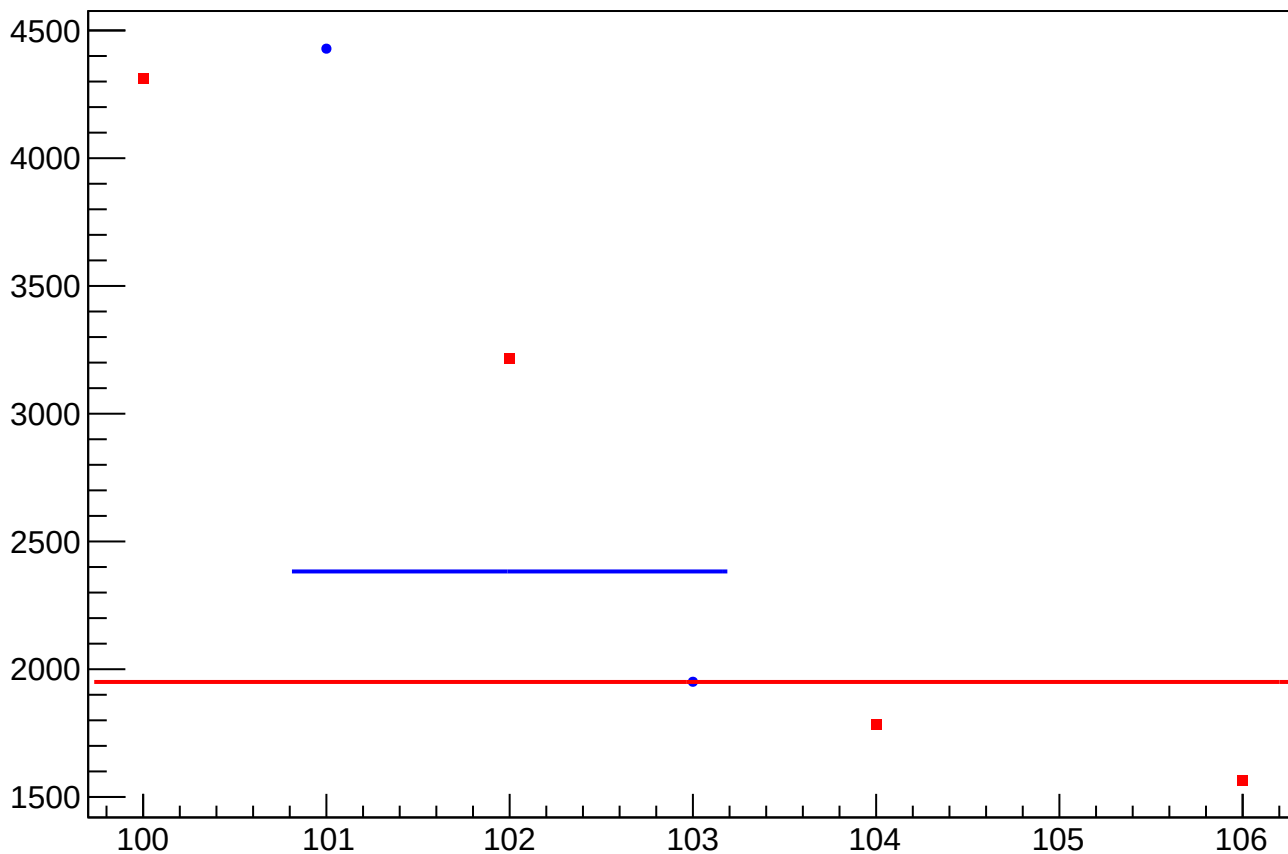
Right: -334.404+/-1377.651 χ^2/NDF : 3.5/5

In: 1142.471+/-2282.996 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.404+/-1377.651 χ^2/NDF : 3.5/5

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2382.617+/-1.614 χ^2/NDF : 338946.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.155+/-1.222 χ^2/NDF : 248706.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

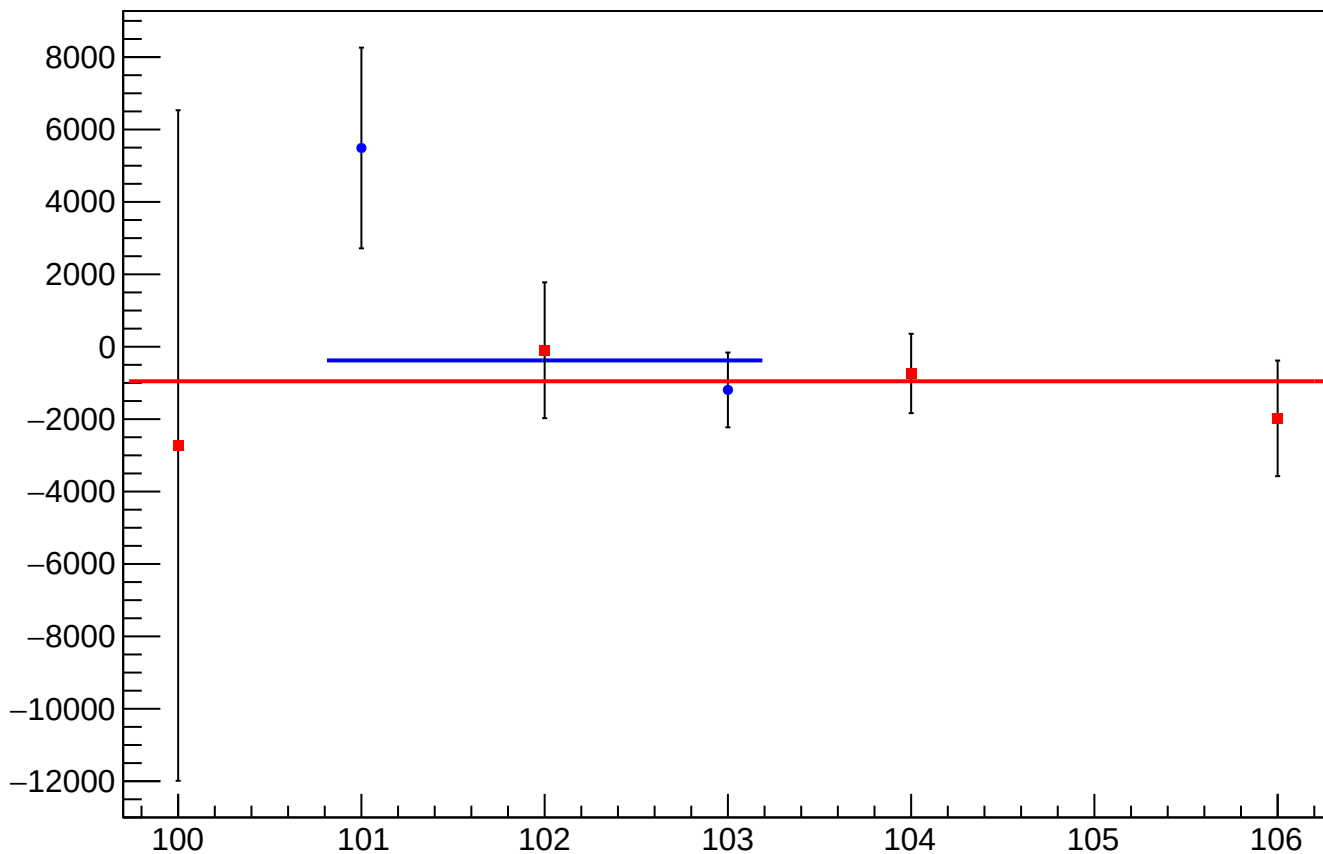
Right: 2107.631+/-0.974 χ^2/NDF : 633286.3/5

In: 2382.617+/-1.614 χ^2/NDF : 338946.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2107.631+/-0.974 χ^2/NDF : 633286.3/5

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -377.858+/-967.792 χ^2 /NDF: 5.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -953.842+/-810.876 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

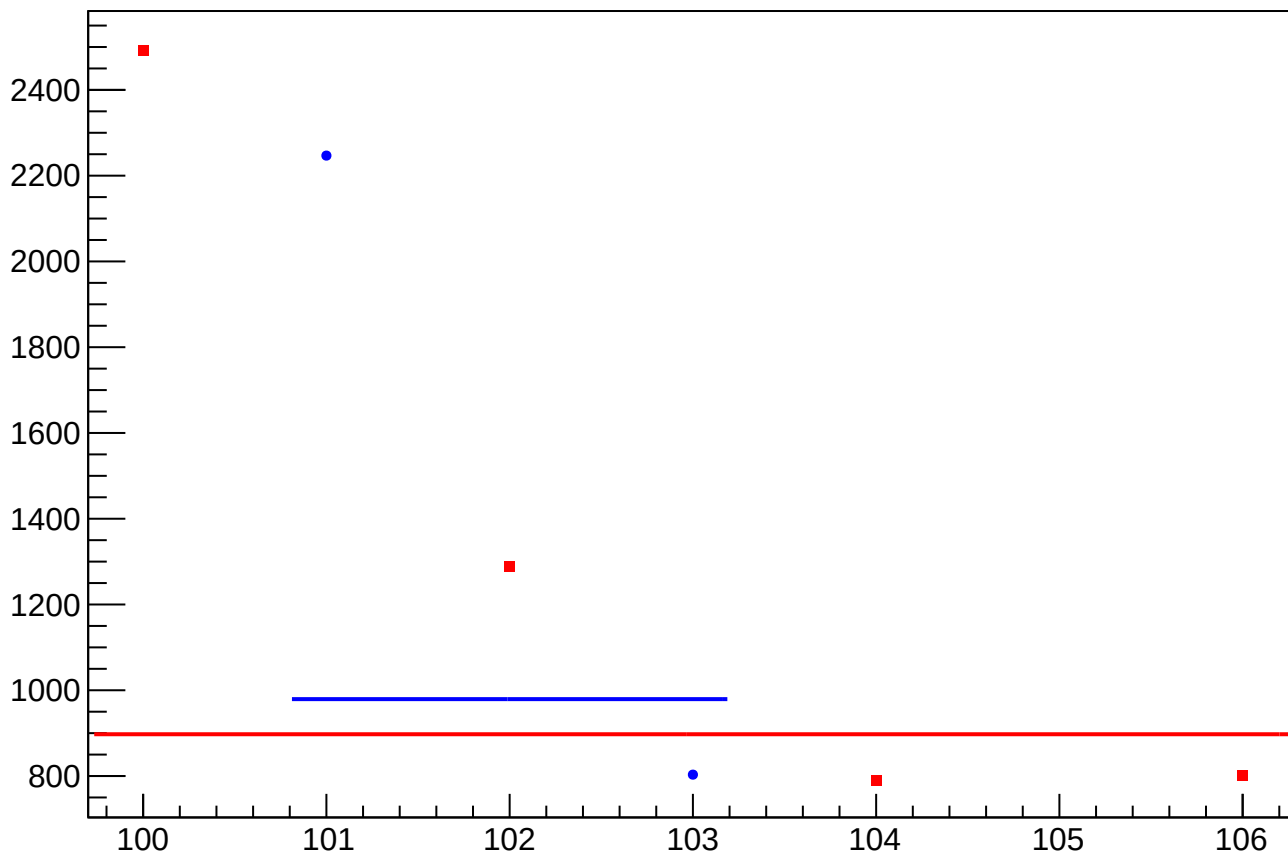
Right: -716.271+/-621.546 χ^2 /NDF: 6.0/5

In: -377.858+/-967.792 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -716.271+/-621.546 χ^2 /NDF: 6.0/5

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.436+/-0.569 χ^2/NDF : 173439.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

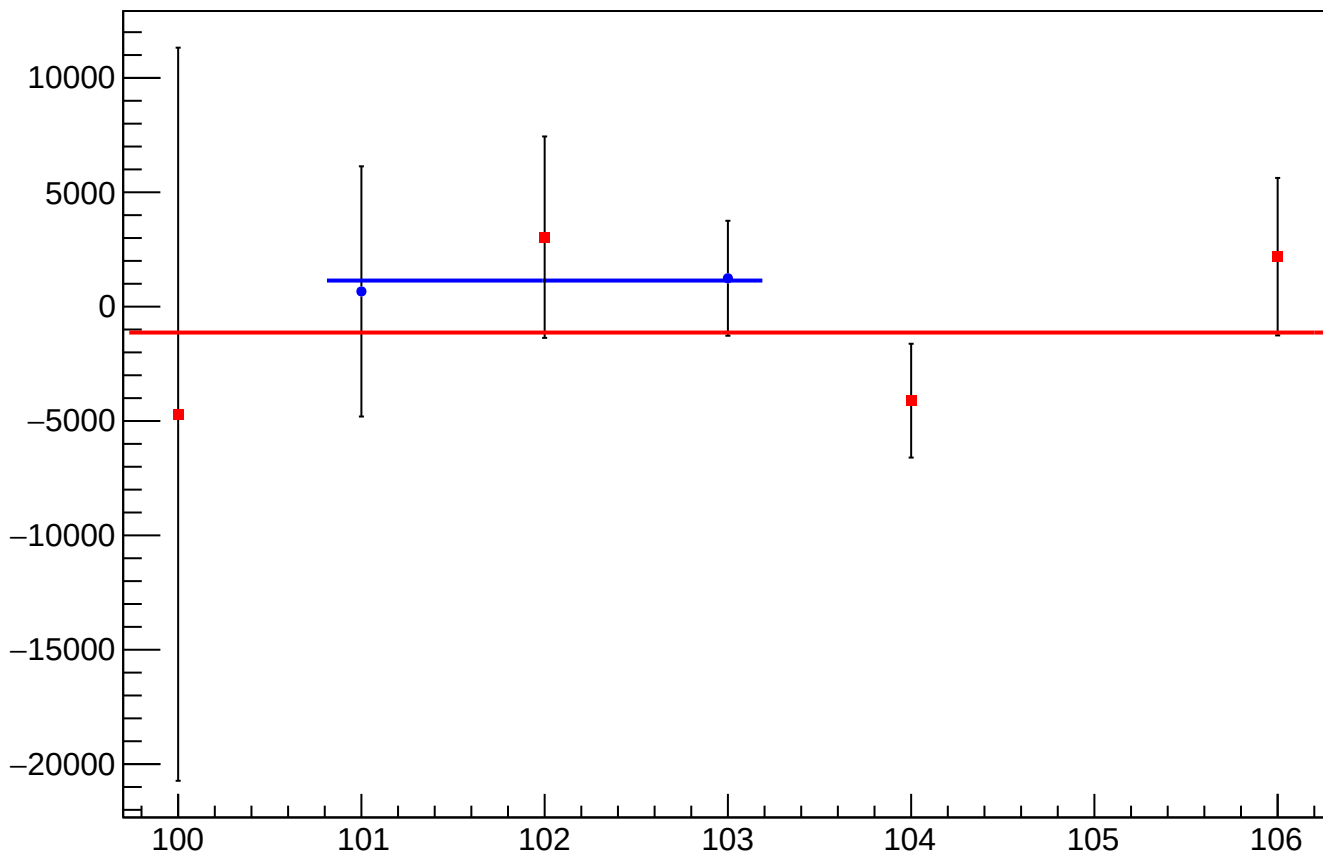
Right: 930.916+/-0.438 χ^2/NDF : 658501.3/5

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.916+/-0.438 χ^2/NDF : 658501.3/5

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741 $\pm$ 2283.316 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1132.504 $\pm$ 1821.499 χ^2 /NDF: 3.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

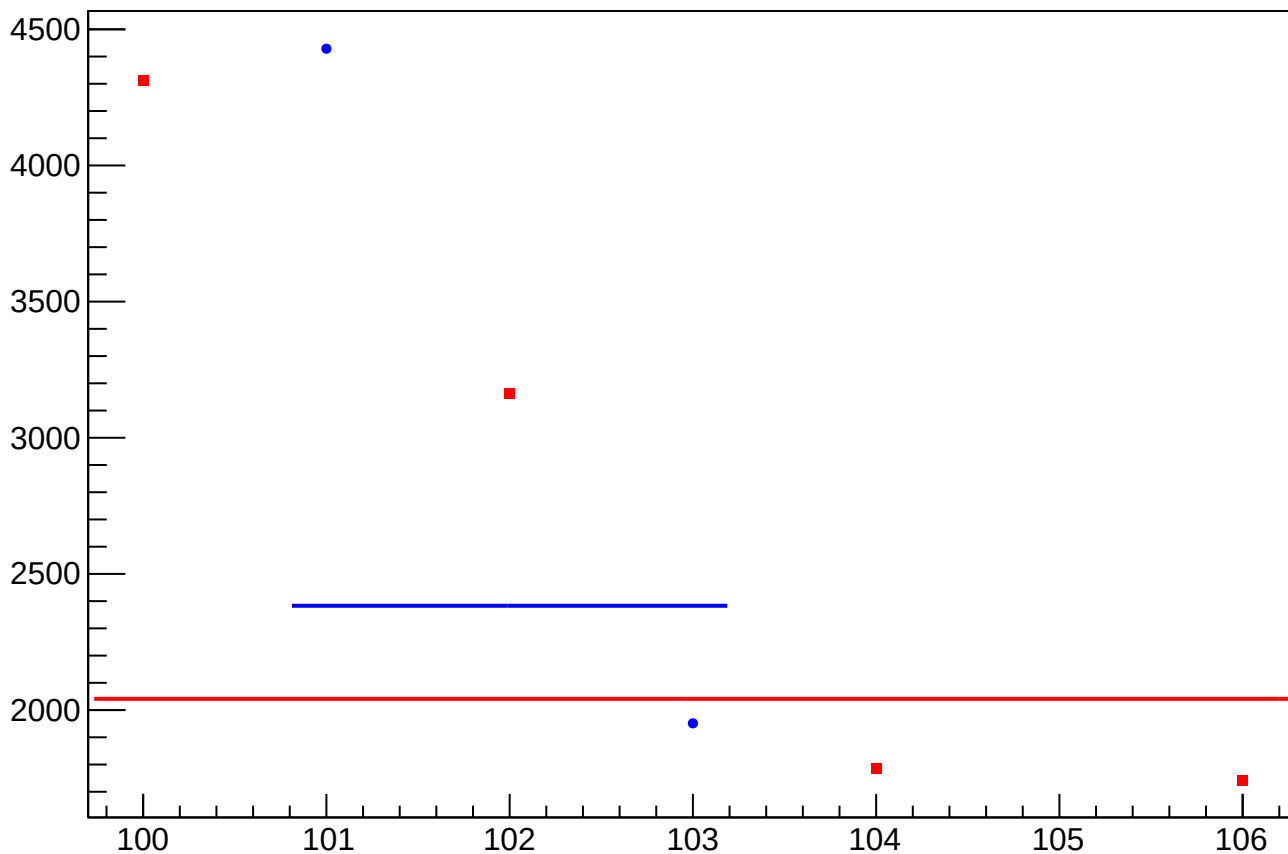
Right: -248.439 $\pm$ 1423.918 χ^2 /NDF: 3.9/5

In: 1140.741 $\pm$ 2283.316 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -248.439 $\pm$ 1423.918 χ^2 /NDF: 3.9/5

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2041.297+/-1.288 χ^2/NDF : 206681.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

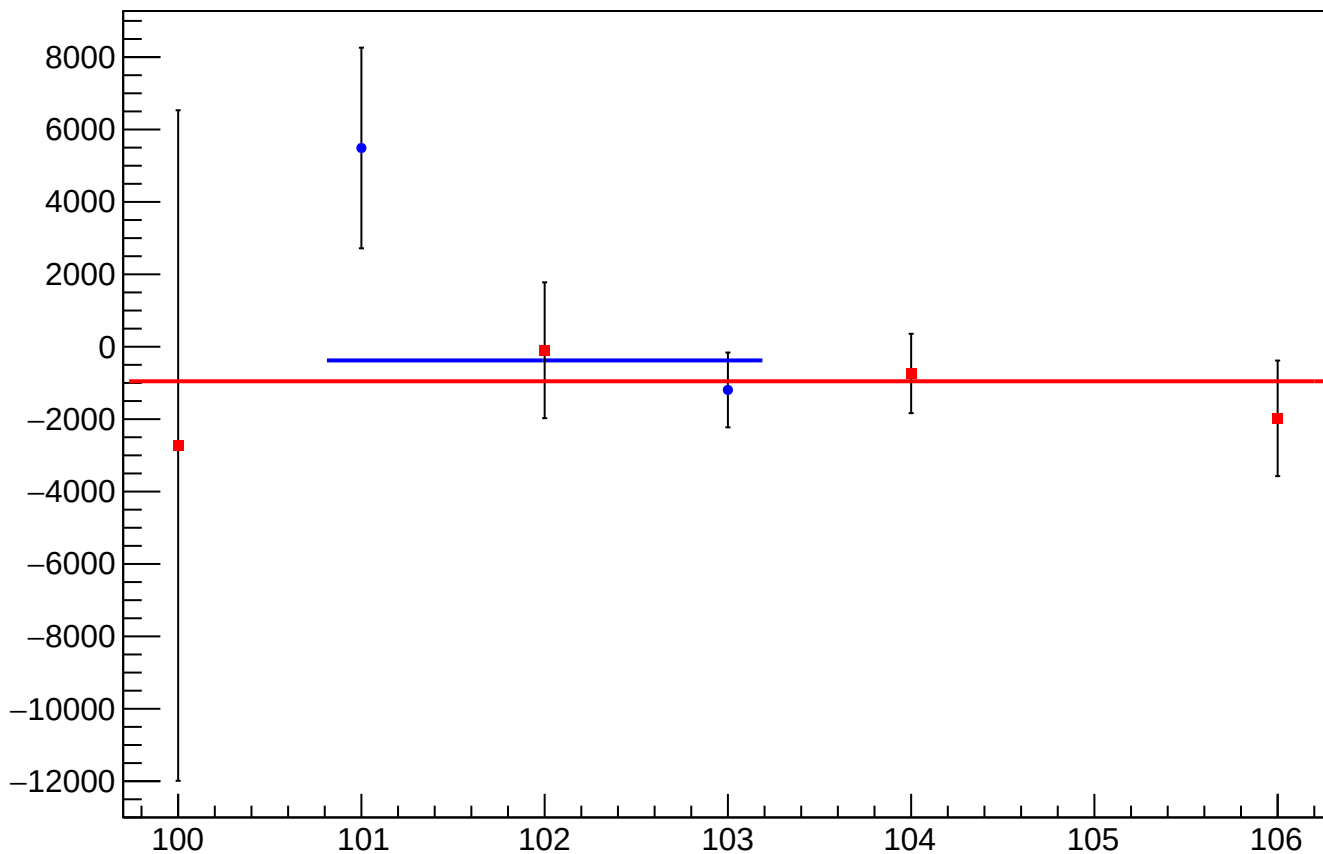
Right: 2174.198+/-1.007 χ^2/NDF : 572887.3/5

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.198+/-1.007 χ^2/NDF : 572887.3/5

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -377.858+/-967.792 χ^2 /NDF: 5.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -953.842+/-810.876 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

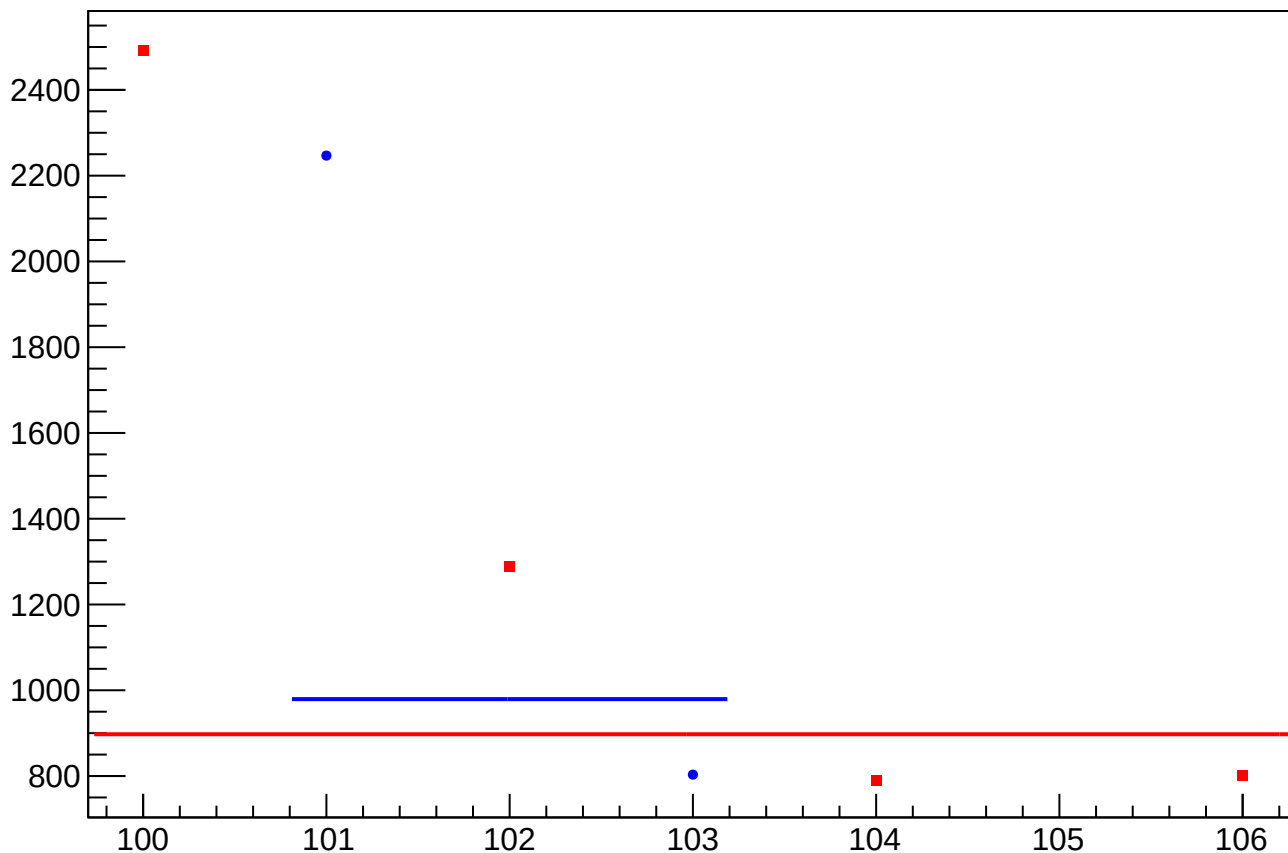
Right: -716.271+/-621.546 χ^2 /NDF: 6.0/5

In: -377.858+/-967.792 χ^2 /NDF:5.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -716.271+/-621.546 χ^2 /NDF: 6.0/5

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 897.436+/-0.569 χ^2/NDF : 173439.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

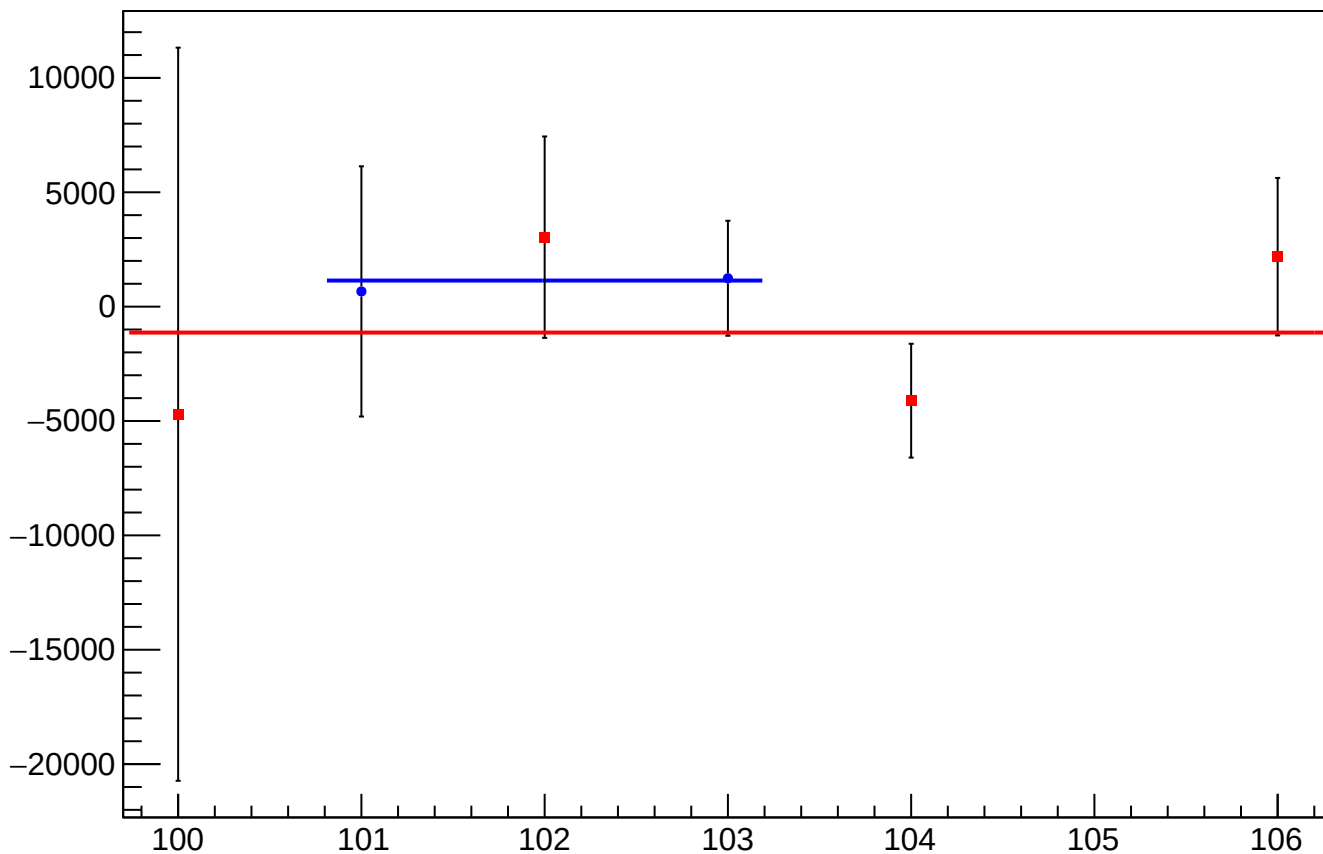
Right: 930.916+/-0.438 χ^2/NDF : 658501.3/5

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.916+/-0.438 χ^2/NDF : 658501.3/5

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741 $\pm$ 2283.316 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1132.504 $\pm$ 1821.499 χ^2 /NDF: 3.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

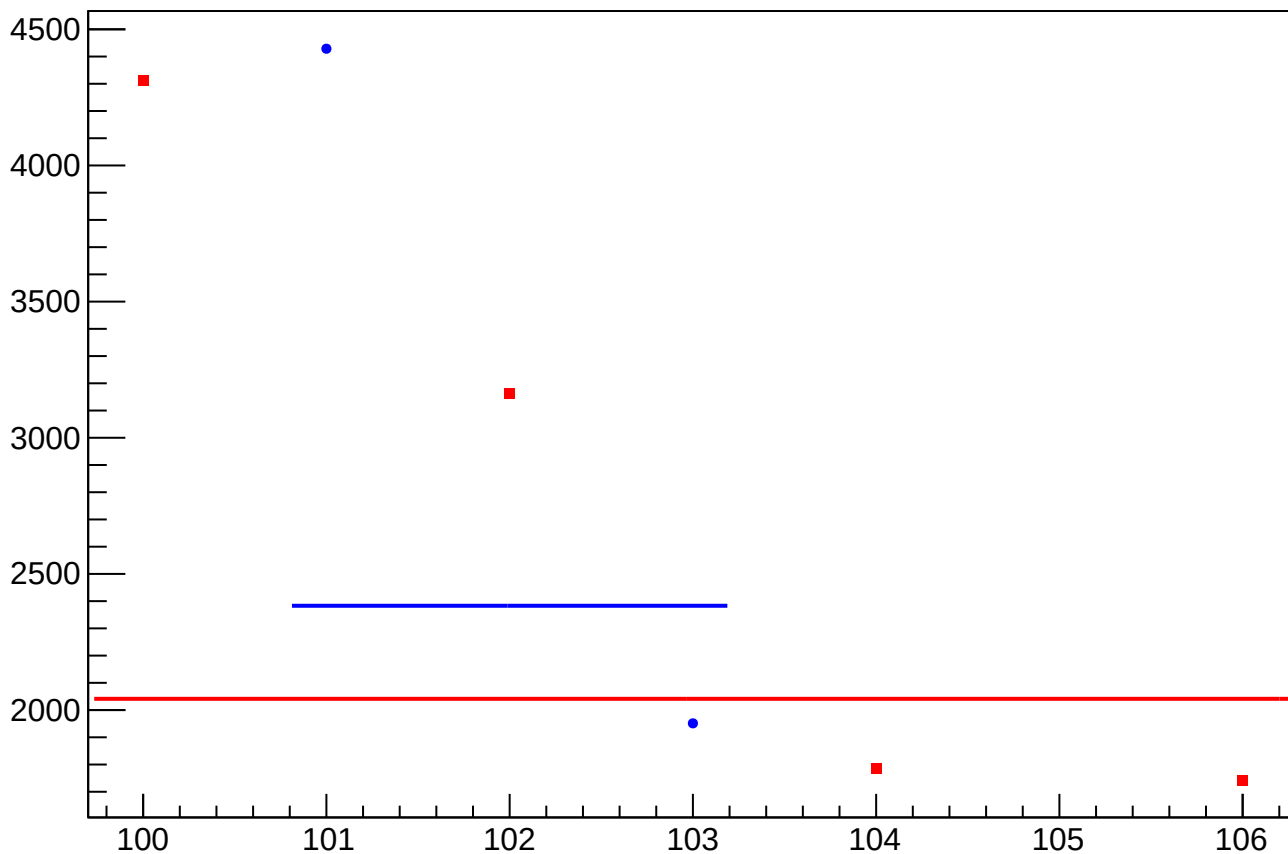
Right: -248.439 $\pm$ 1423.918 χ^2 /NDF: 3.9/5

In: 1140.741 $\pm$ 2283.316 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -248.439 $\pm$ 1423.918 χ^2 /NDF: 3.9/5

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2041.297+/-1.288 χ^2/NDF : 206681.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

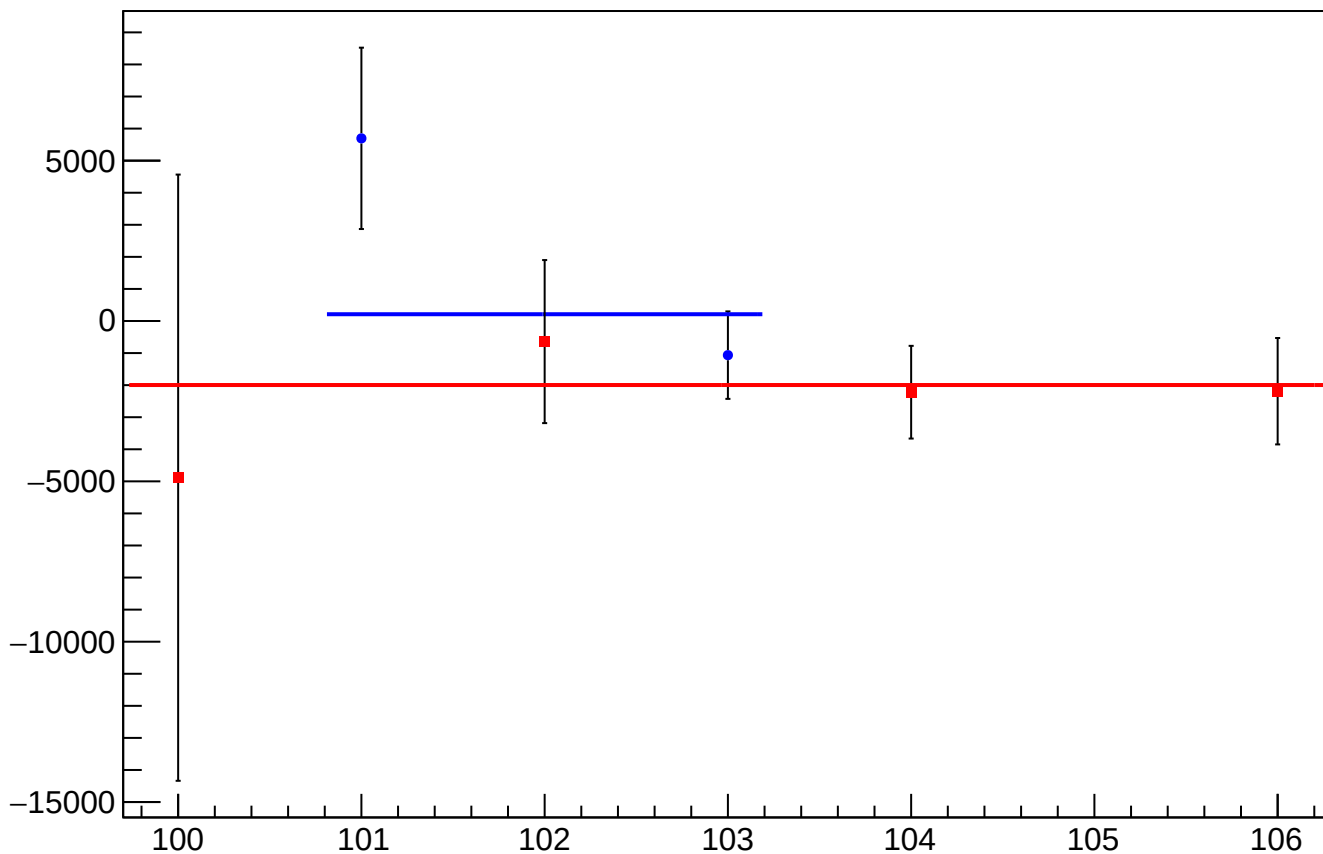
Right: 2174.198+/-1.007 χ^2/NDF : 572887.3/5

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.198+/-1.007 χ^2/NDF : 572887.3/5

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 211.177+/-1228.286 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1996.348+/-996.086 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

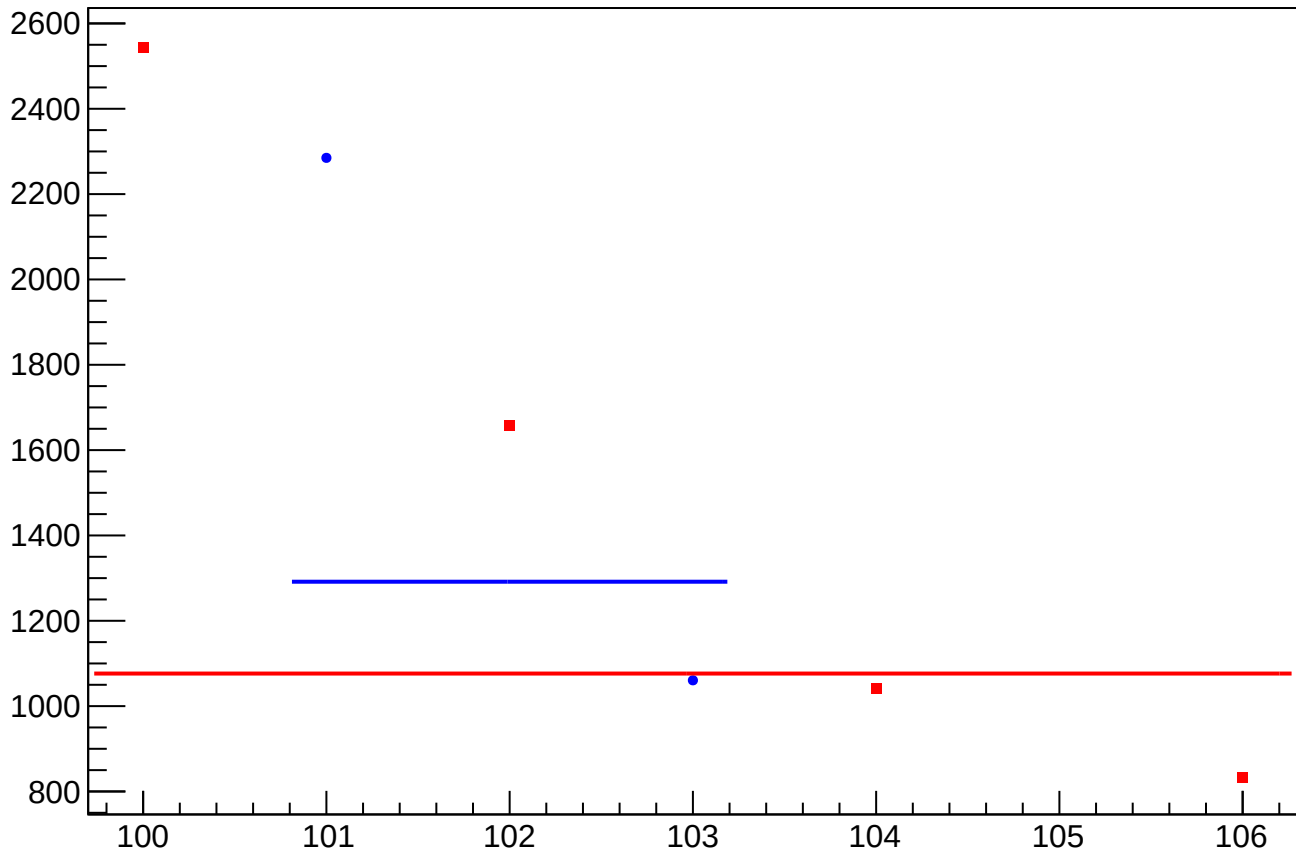
Right: -1120.544+/-773.660 χ^2/NDF : 7.0/5

In: 211.177+/-1228.286 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1120.544+/-773.660 χ^2/NDF : 7.0/5

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1291.572+/-0.869 χ^2/NDF : 304299.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.349+/-0.703 χ^2/NDF : 197829.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

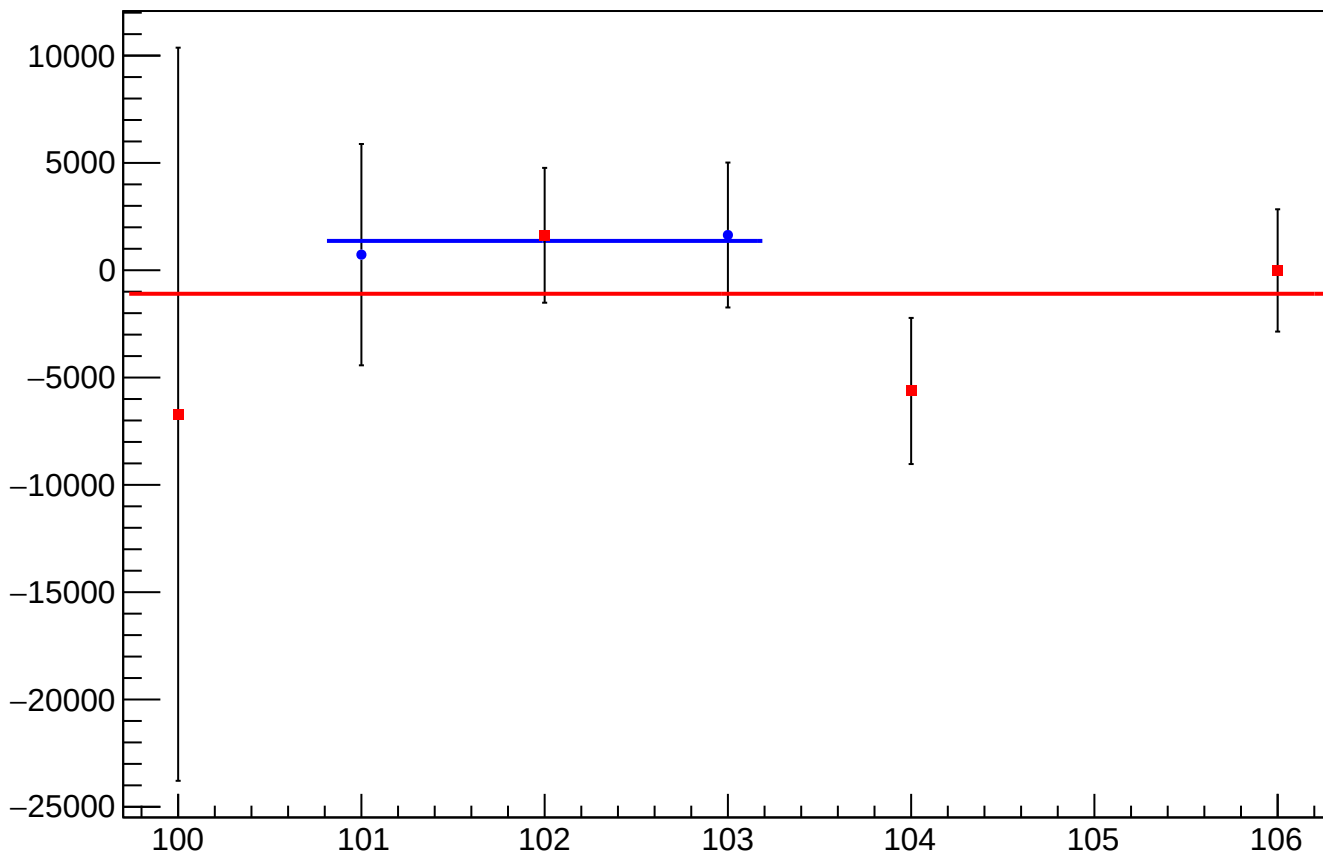
Right: 1161.491+/-0.546 χ^2/NDF : 539242.7/5

In: 1291.572+/-0.869 χ^2/NDF : 304299.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.491+/-0.546 χ^2/NDF : 539242.7/5

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1366.299+/-2824.319 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1096.445+/-1783.900 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

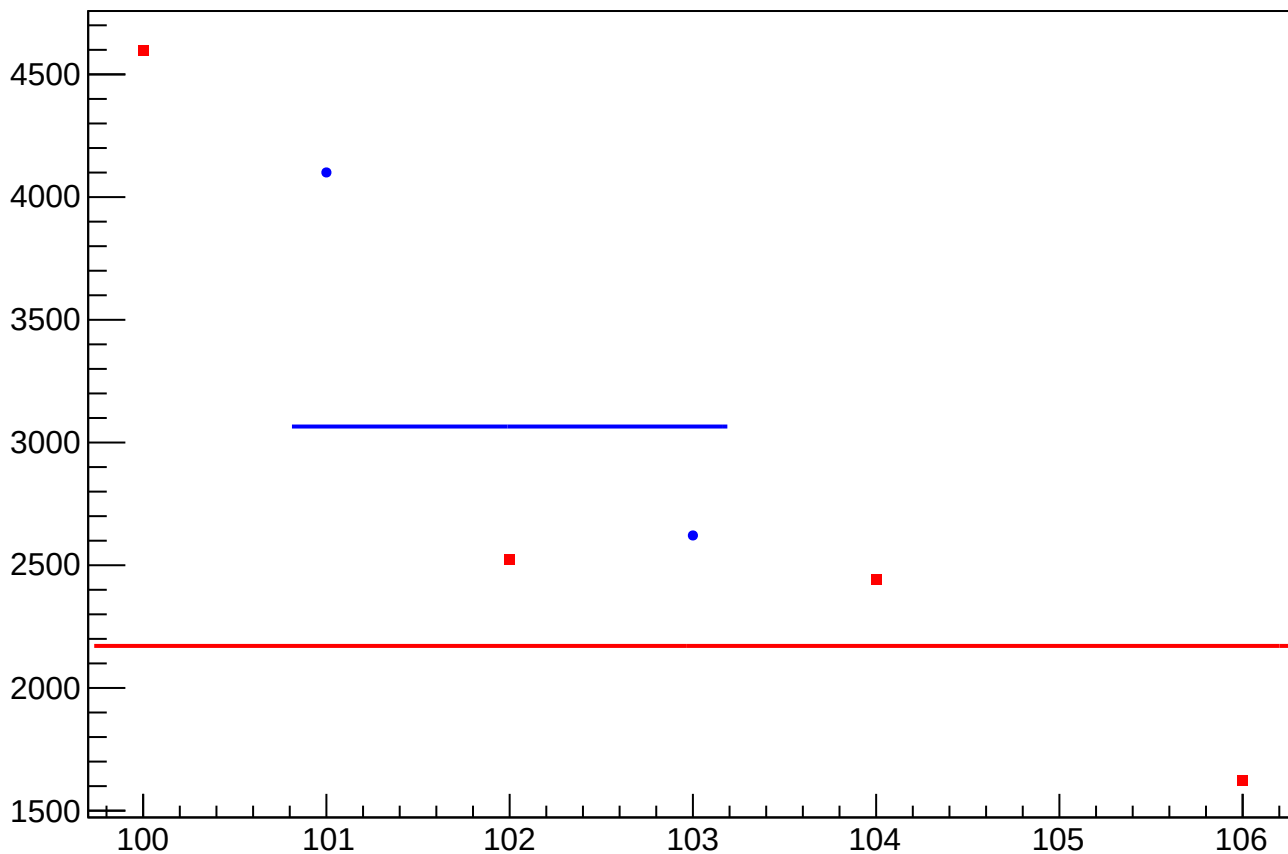
Right: -394.129+/-1508.239 χ^2/NDF : 3.3/5

In: 1366.299+/-2824.319 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.129+/-1508.239 χ^2/NDF : 3.3/5

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3065.203+/-1.997 χ^2/NDF : 115200.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.296+/-1.261 χ^2/NDF : 152059.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

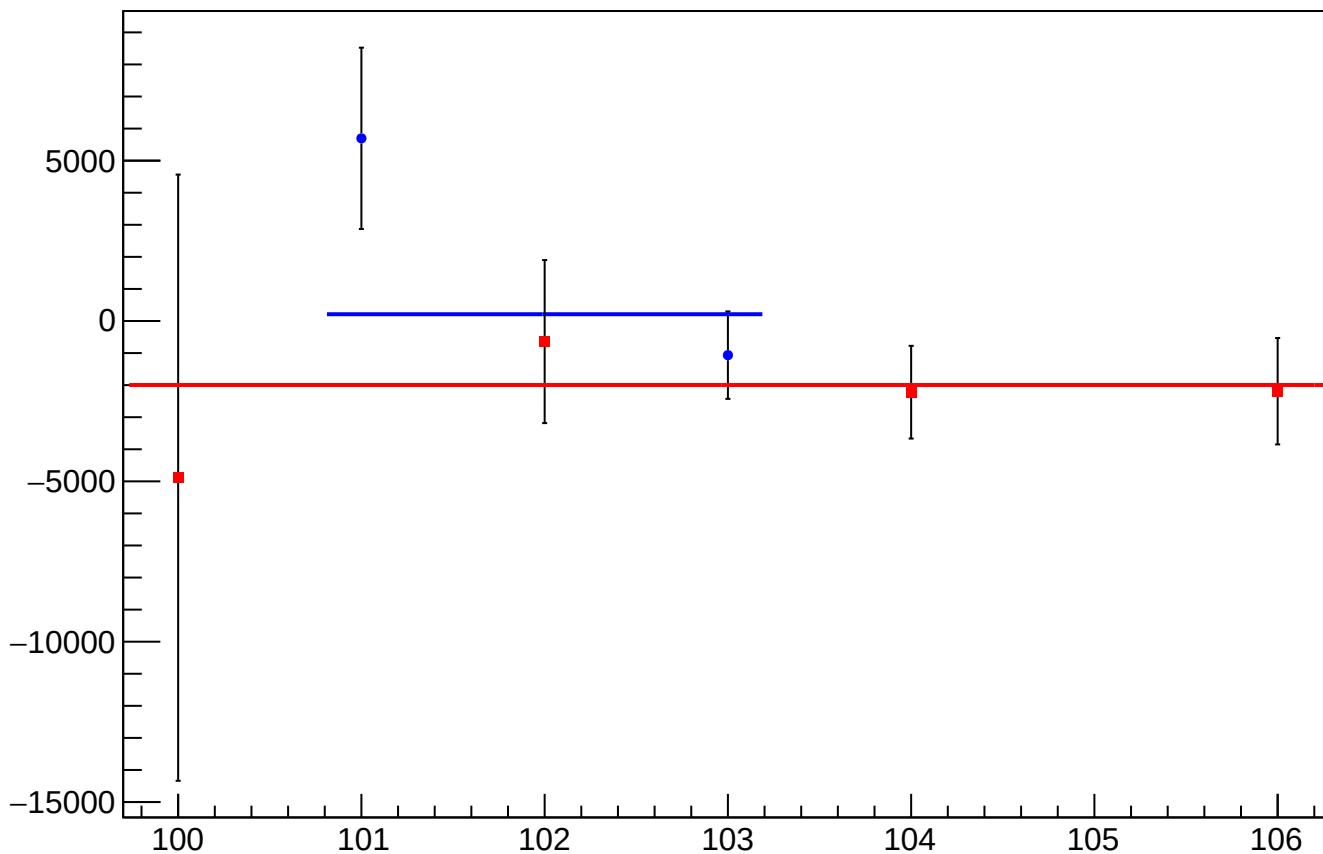
Right: 2426.217+/-1.066 χ^2/NDF : 410474.7/5

In: 3065.203+/-1.997 χ^2/NDF : 115200.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.217+/-1.066 χ^2/NDF : 410474.7/5

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: 211.185+/-1228.287 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1996.361+/-996.086 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

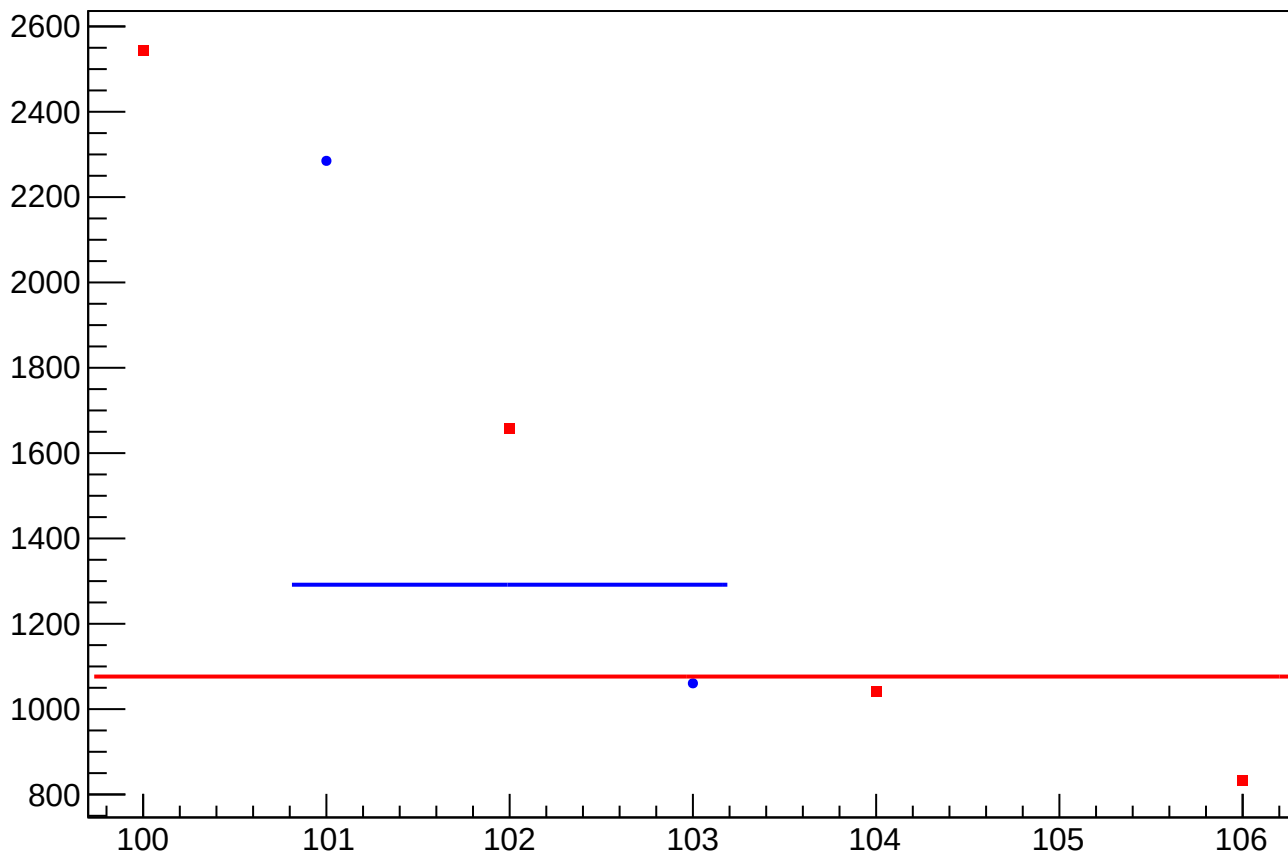
Right: -1120.548+/-773.661 χ^2/NDF : 7.0/5

In: 211.185+/-1228.287 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1120.548+/-773.661 χ^2/NDF : 7.0/5

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1291.573+/-0.869 χ^2/NDF : 304298.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.350+/-0.703 χ^2/NDF : 197830.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

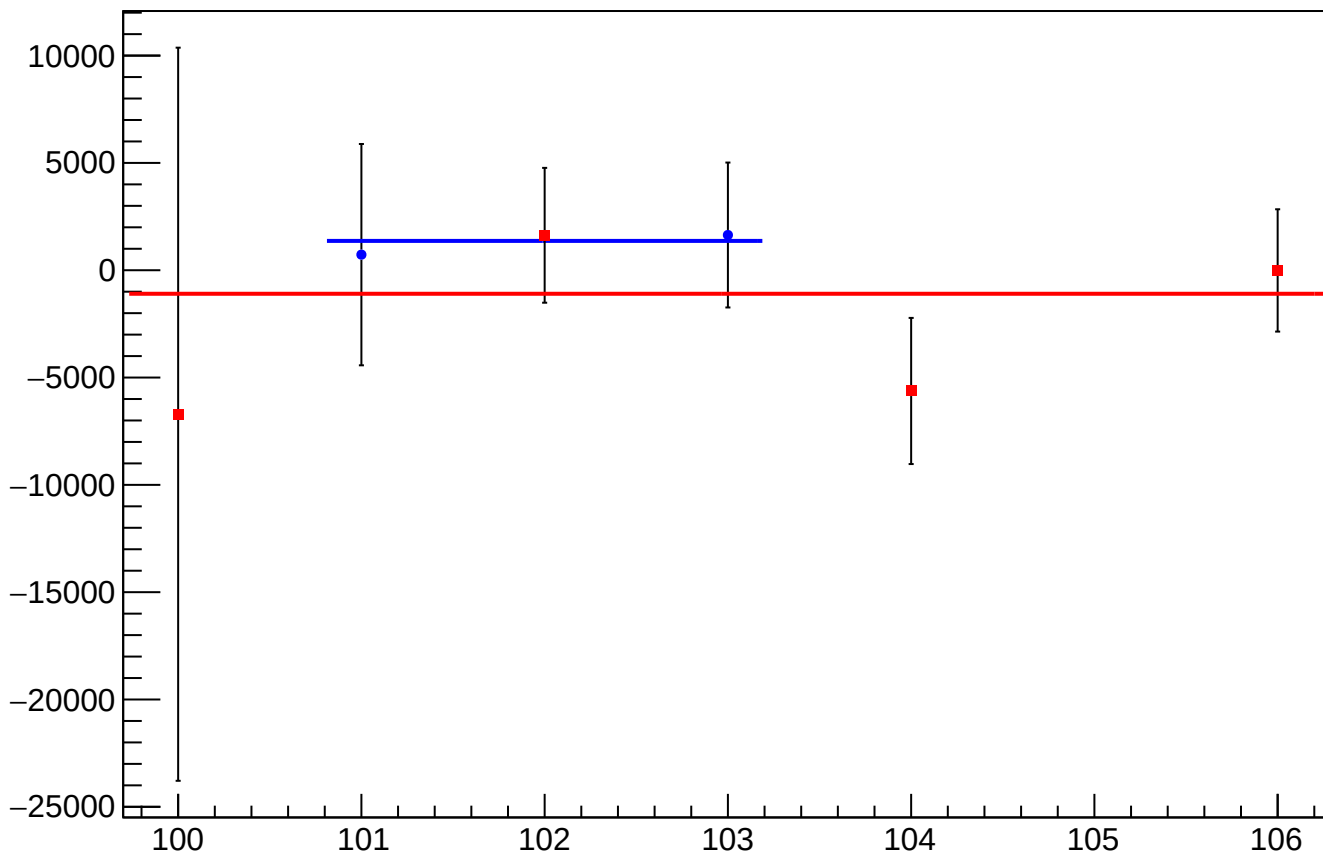
Right: 1161.492+/-0.546 χ^2/NDF : 539242.3/5

In: 1291.573+/-0.869 χ^2/NDF : 304298.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1161.492+/-0.546 χ^2/NDF : 539242.3/5

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1366.306+/-2824.319 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1096.458+/-1783.898 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

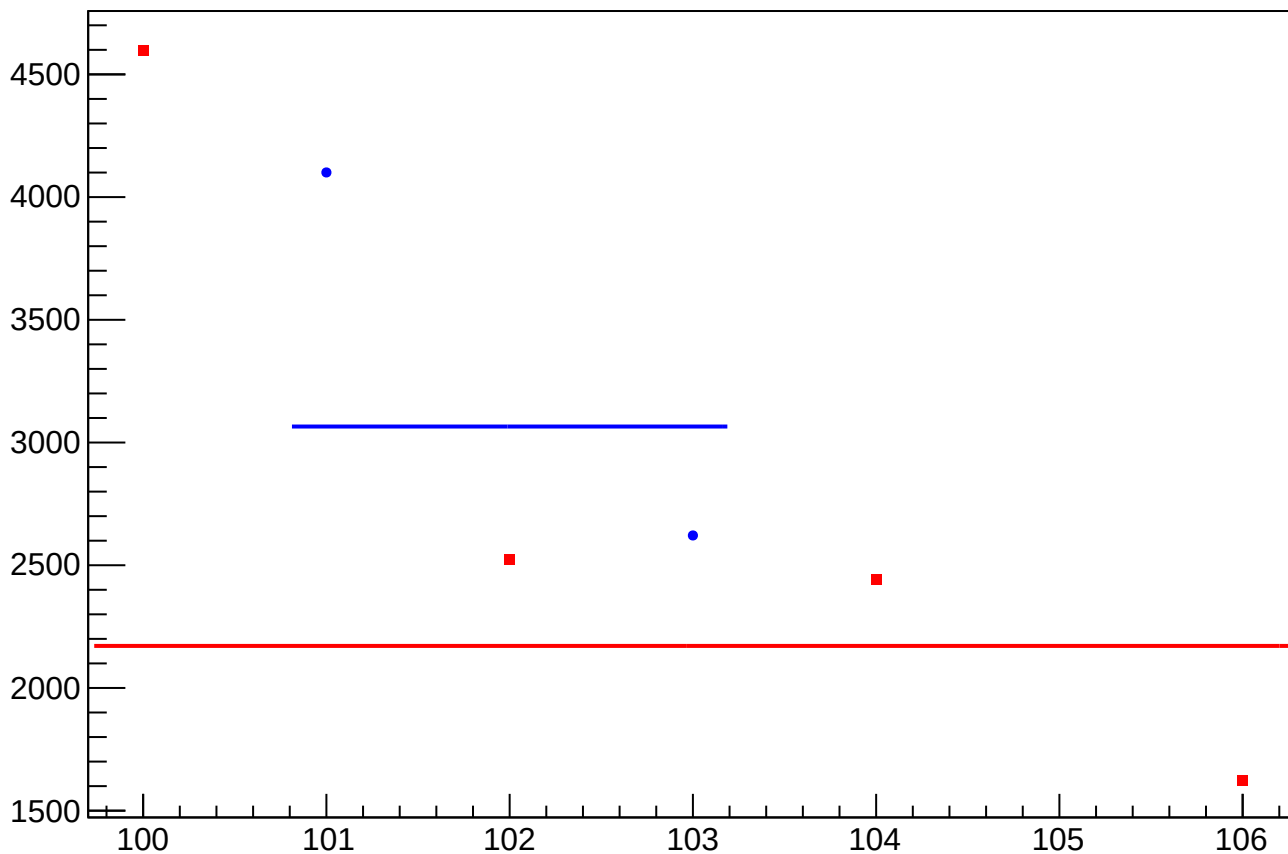
Right: -394.138+/-1508.238 χ^2/NDF : 3.3/5

In: 1366.306+/-2824.319 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -394.138+/-1508.238 χ^2/NDF : 3.3/5

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3065.203+/-1.997 χ^2/NDF : 115200.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.293+/-1.261 χ^2/NDF : 152061.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

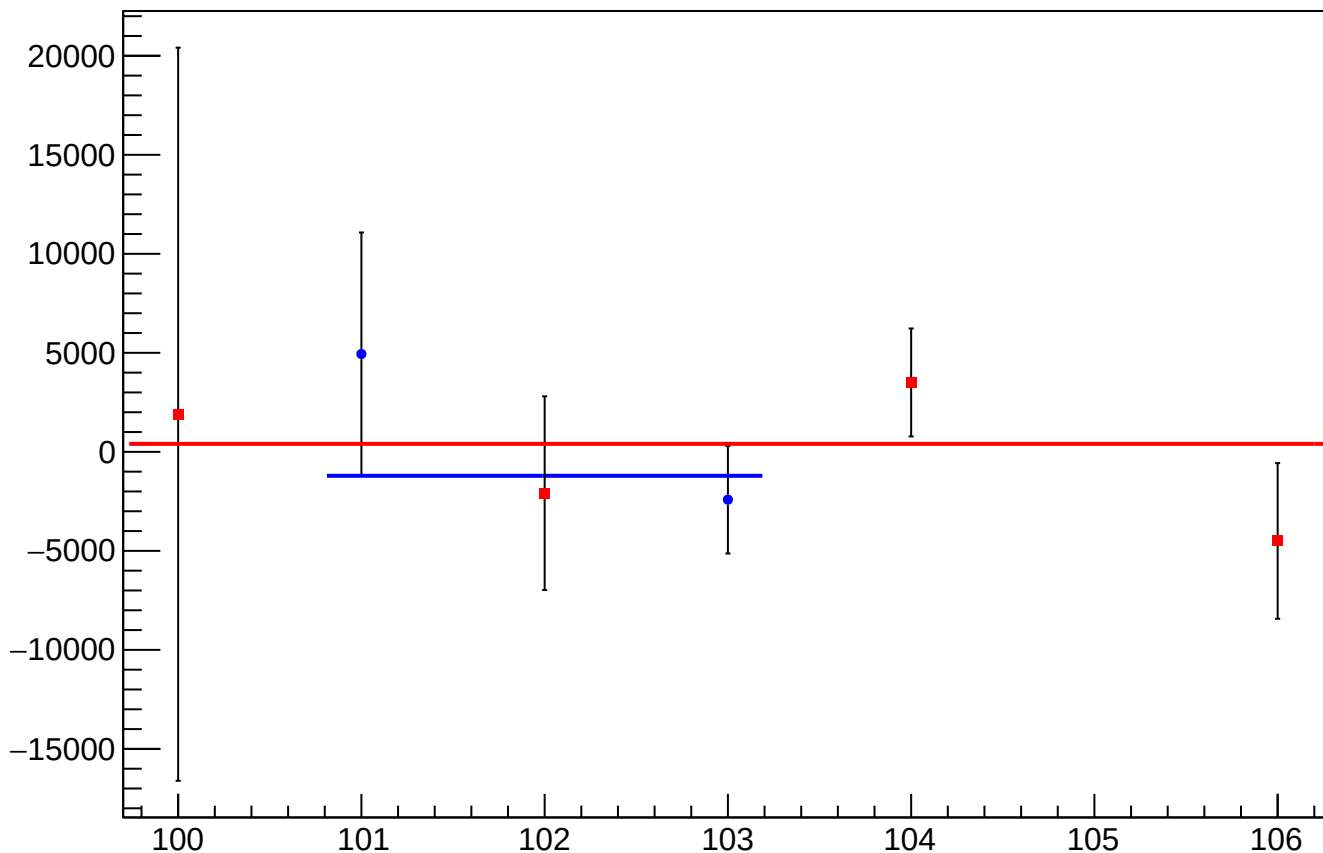
Right: 2426.214+/-1.066 χ^2/NDF : 410477.6/5

In: 3065.203+/-1.997 χ^2/NDF : 115200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2426.214+/-1.066 χ^2/NDF : 410477.6/5

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1208.661 $\pm$ 2485.305 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 403.981 $\pm$ 2024.280 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

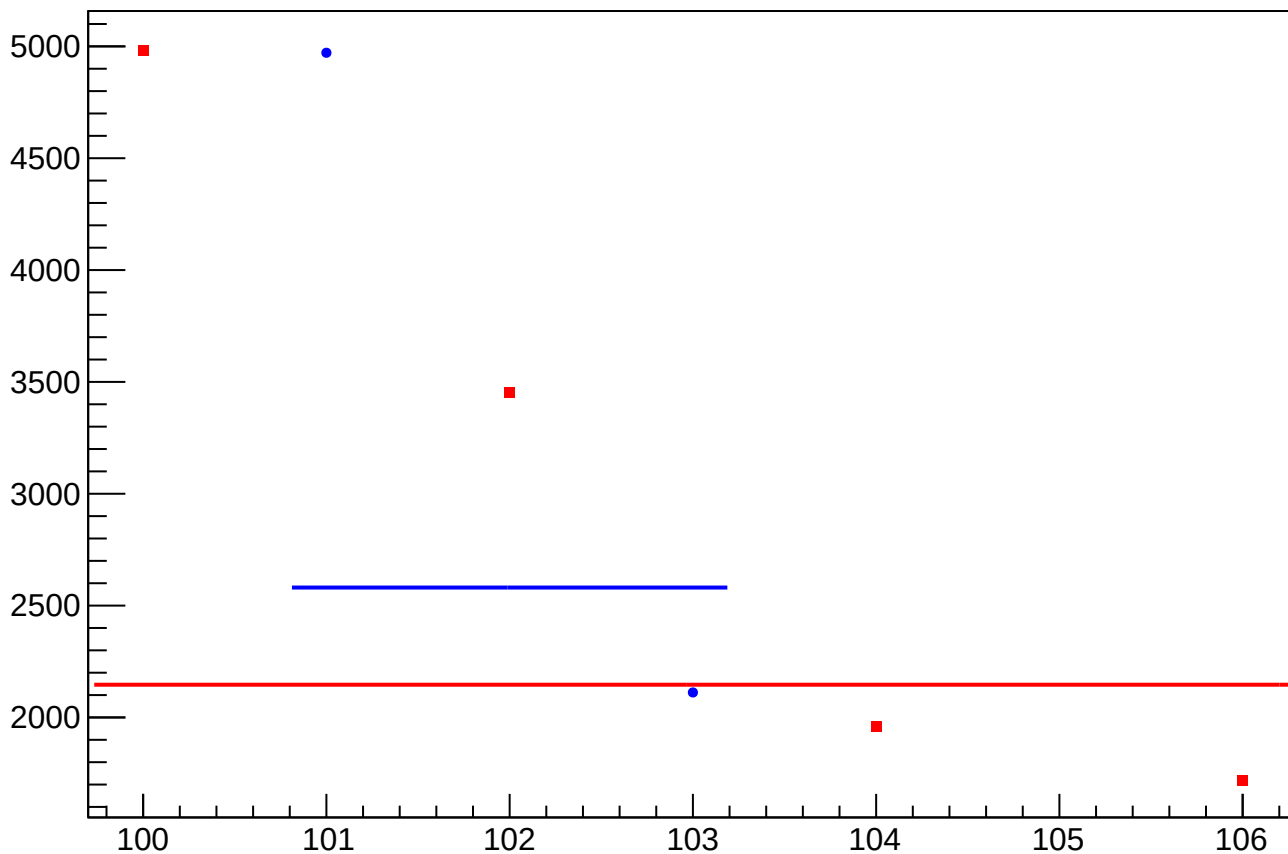
Right: -239.181 $\pm$ 1569.535 χ^2 /NDF: 4.6/5

In: -1208.661 $\pm$ 2485.305 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -239.181 $\pm$ 1569.535 χ^2 /NDF: 4.6/5

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 2580.738+/-1.757 χ^2/NDF : 363082.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2146.289+/-1.369 χ^2/NDF : 231114.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

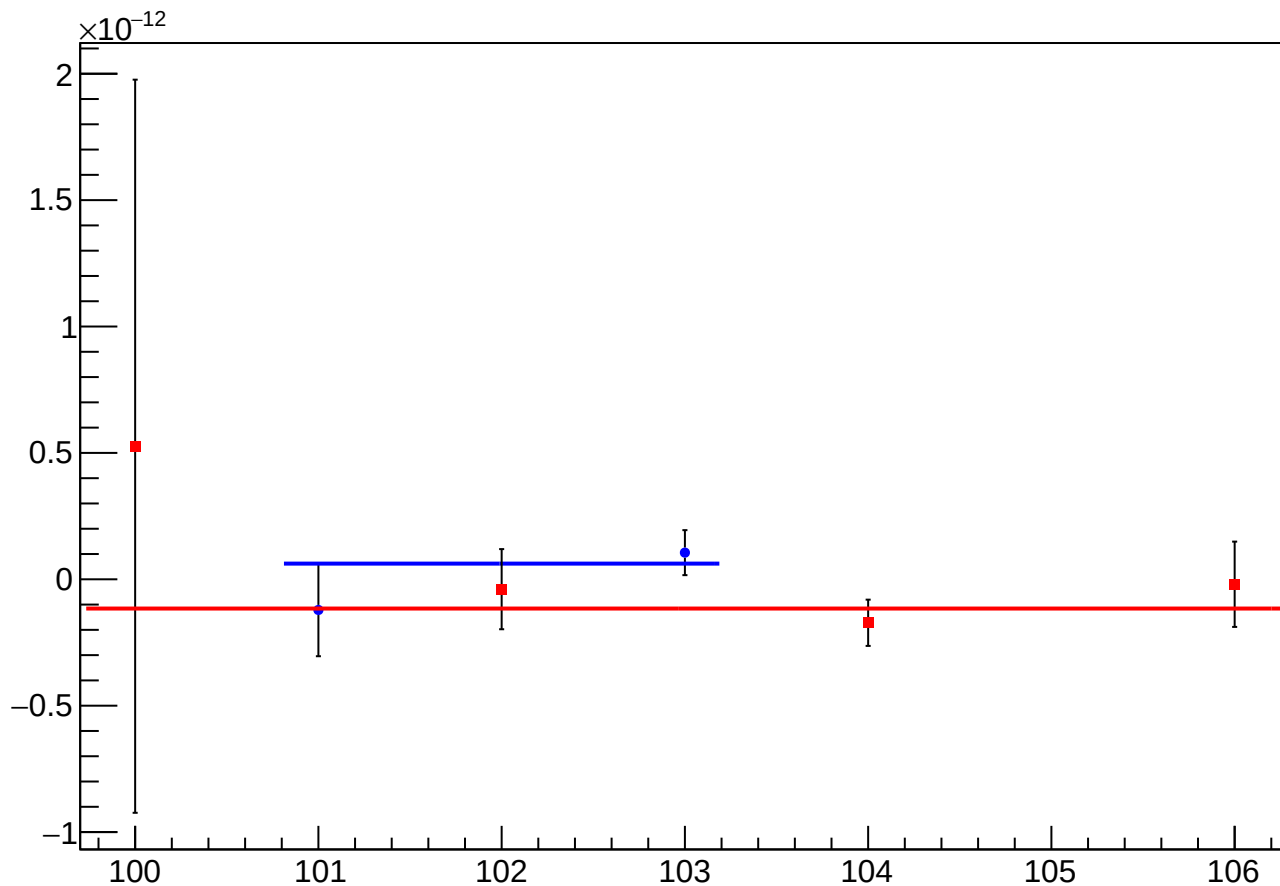
Right: 2310.297+/-1.080 χ^2/NDF : 632240.1/5

In: 2580.738+/-1.757 χ^2/NDF : 363082.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2310.297+/-1.080 χ^2/NDF : 632240.1/5

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

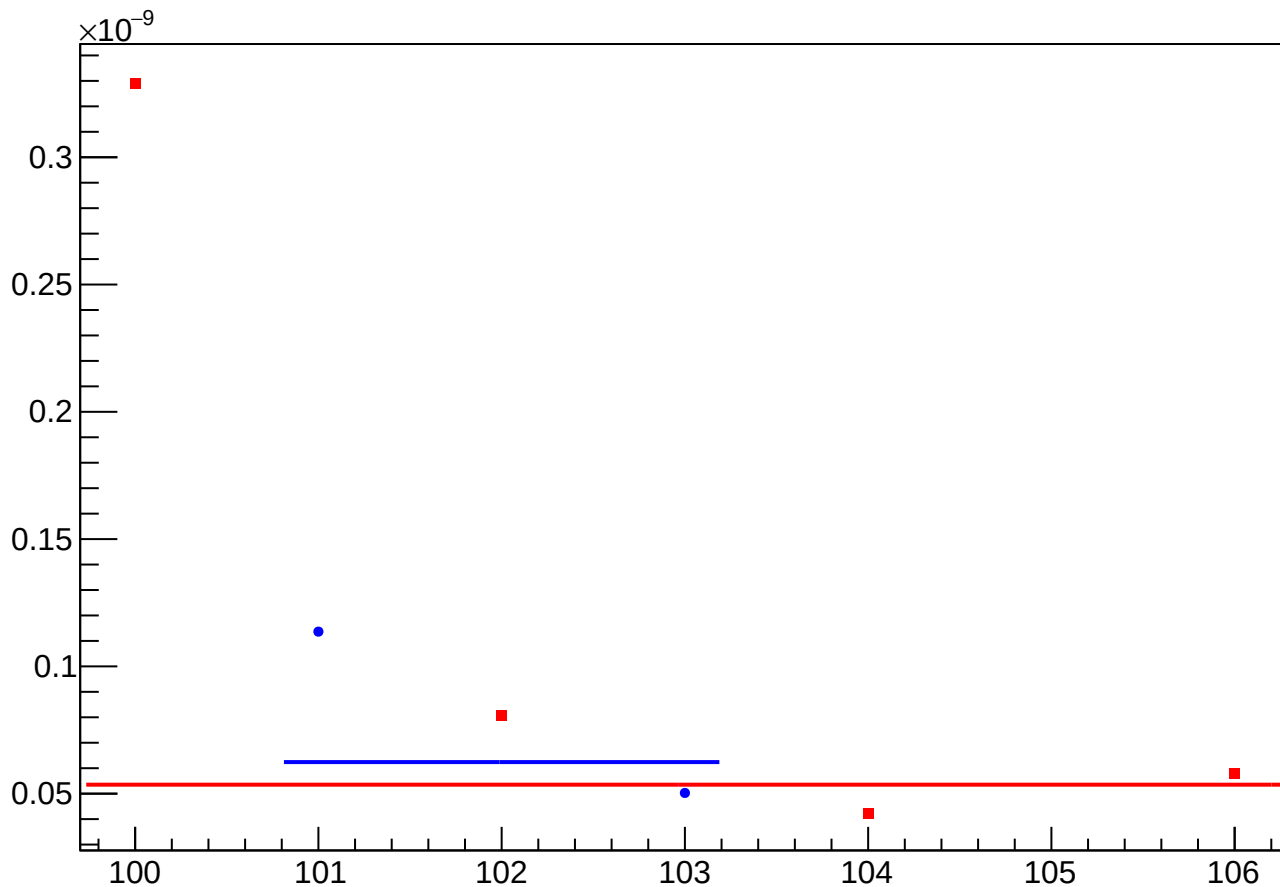
Right: -0.000+/-0.000 χ^2/NDF : 5.1/5

In: 0.000+/-0.000 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.1/5

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 193949.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 162917.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

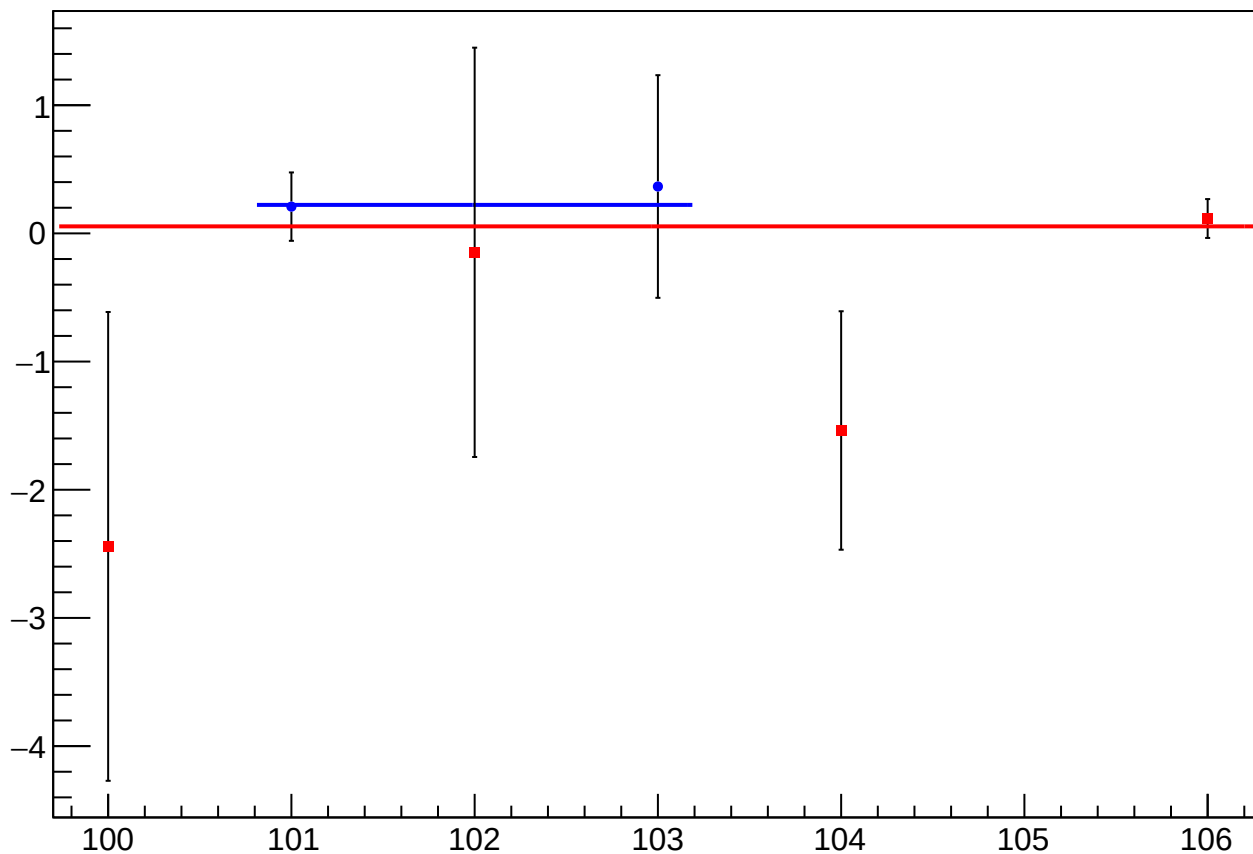
Right: 0.000+/-0.000 χ^2/NDF : 370534.8/5

In: 0.000+/-0.000 χ^2/NDF : 193949.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 370534.8/5

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.055+/-0.149 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

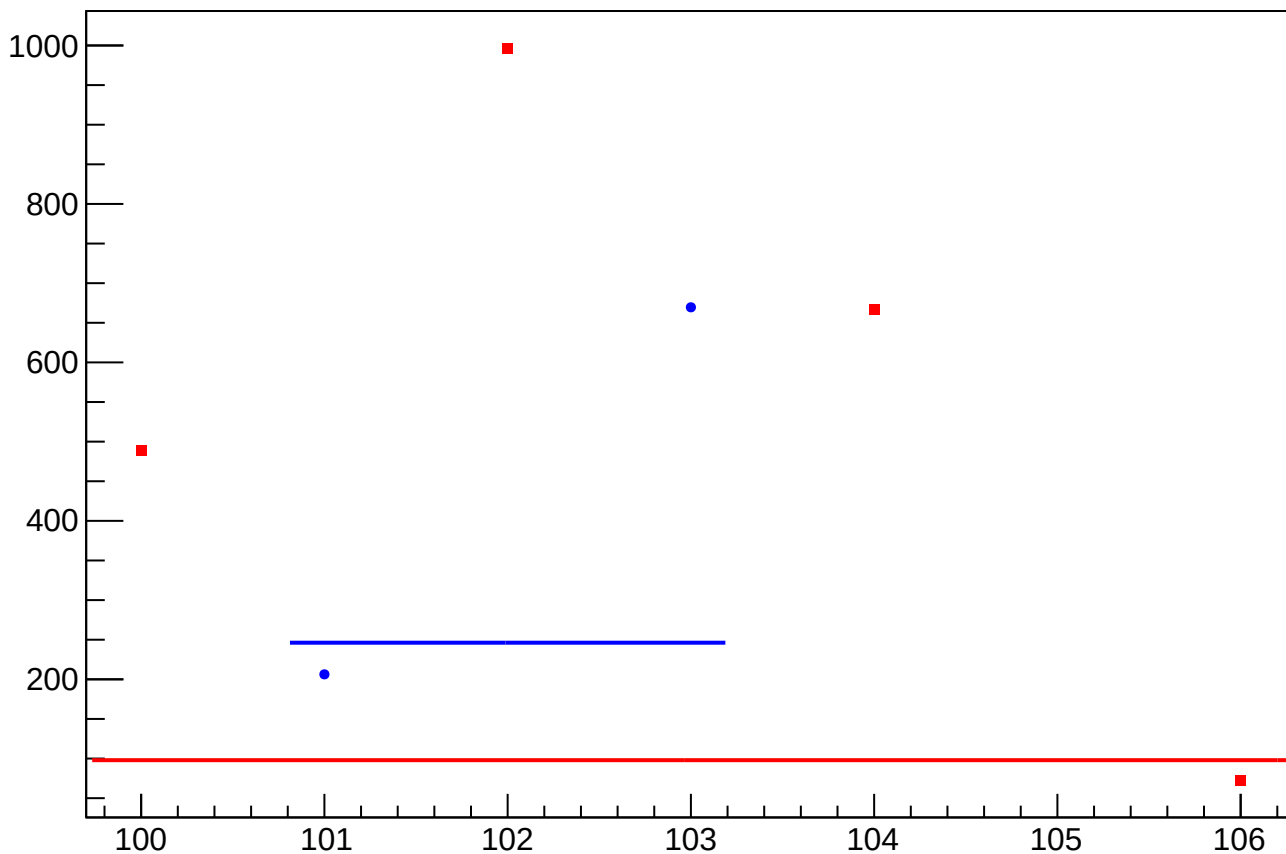
Right: 0.097+/-0.128 χ^2/NDF : 5.3/5

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.128 χ^2/NDF : 5.3/5

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.955+/-0.105 χ^2/NDF : 1531980.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

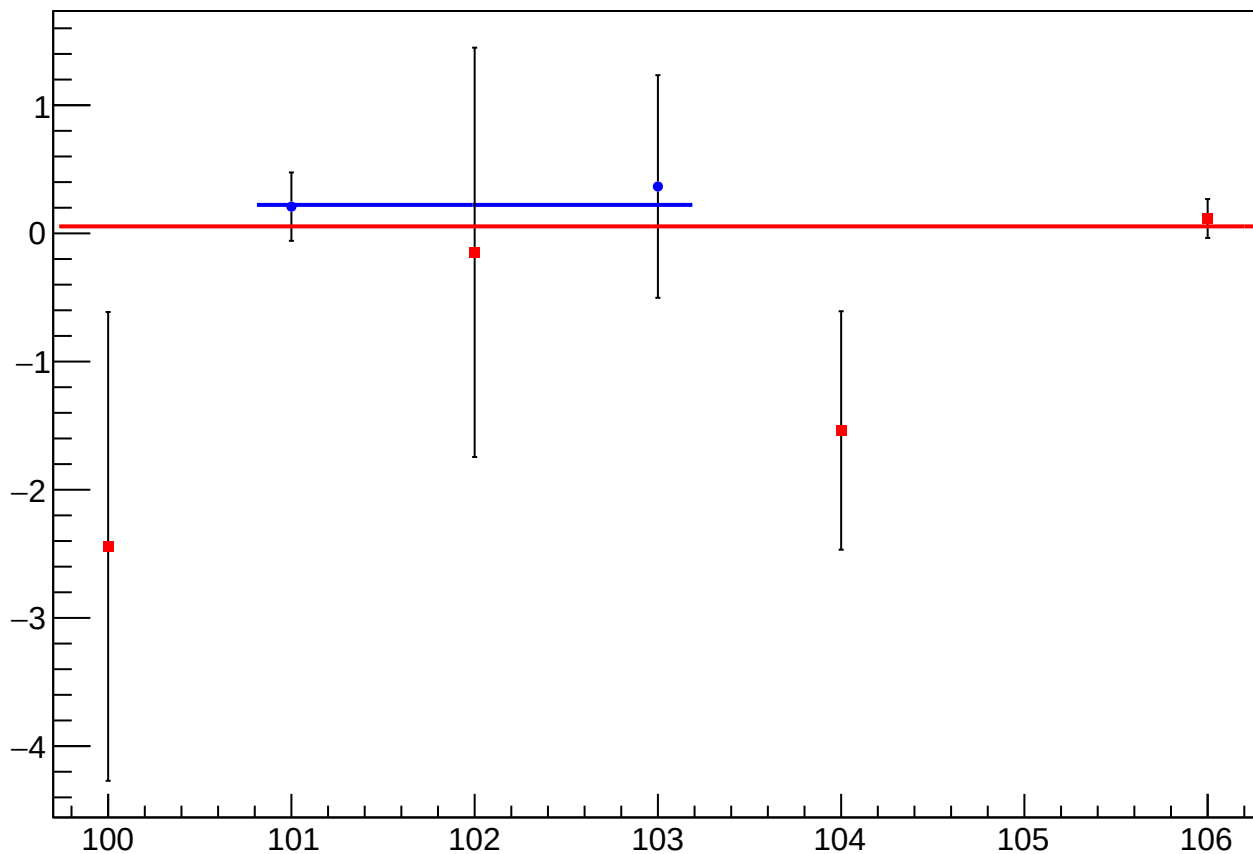
Right: 135.506+/-0.091 χ^2/NDF : 2556783.9/5

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.506+/-0.091 χ^2/NDF : 2556783.9/5

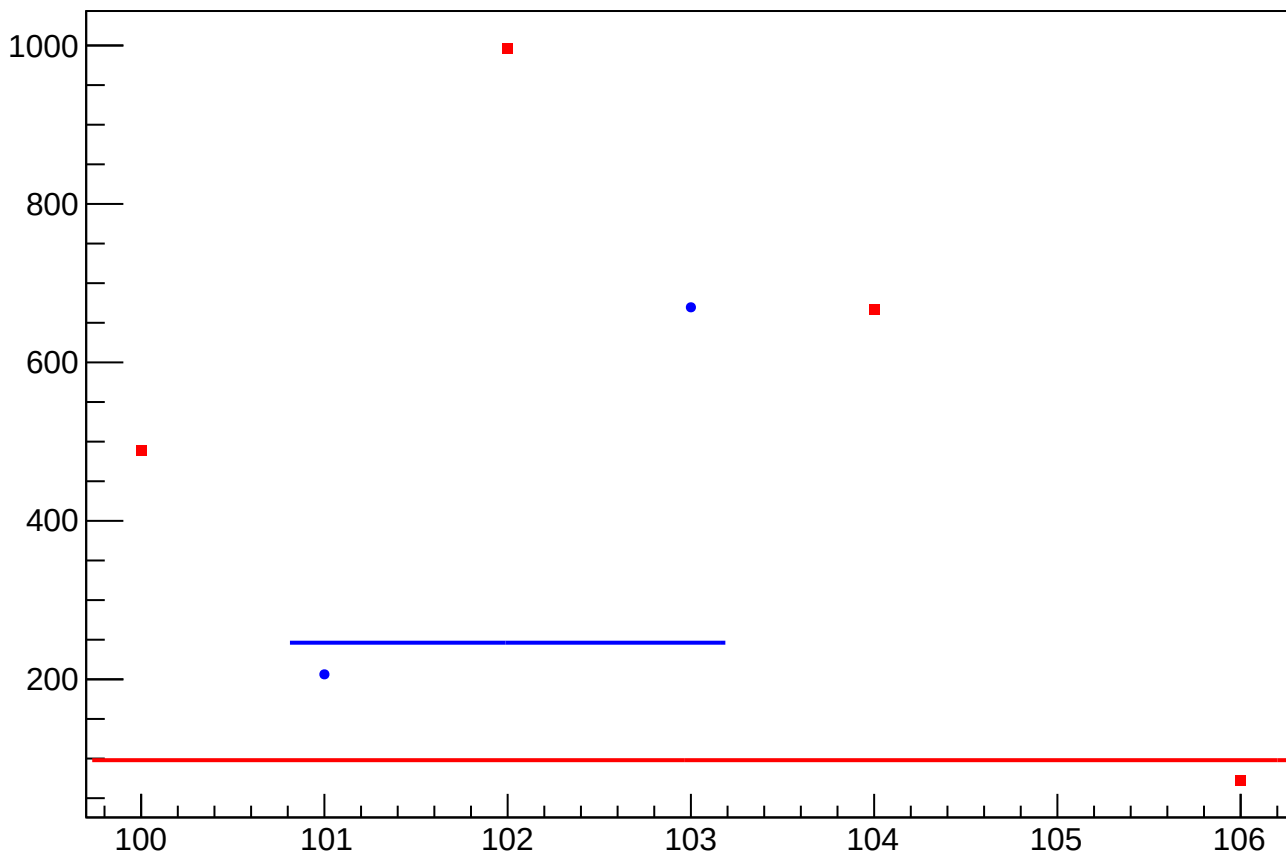
asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.255 χ^2/NDF : 0.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.055+/-0.149 χ^2/NDF : 5.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.097+/-0.128 χ^2/NDF : 5.3/5
 In: 0.222+/-0.255 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.097+/-0.128 χ^2/NDF : 5.3/5

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.955+/-0.105 χ^2/NDF : 1531980.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

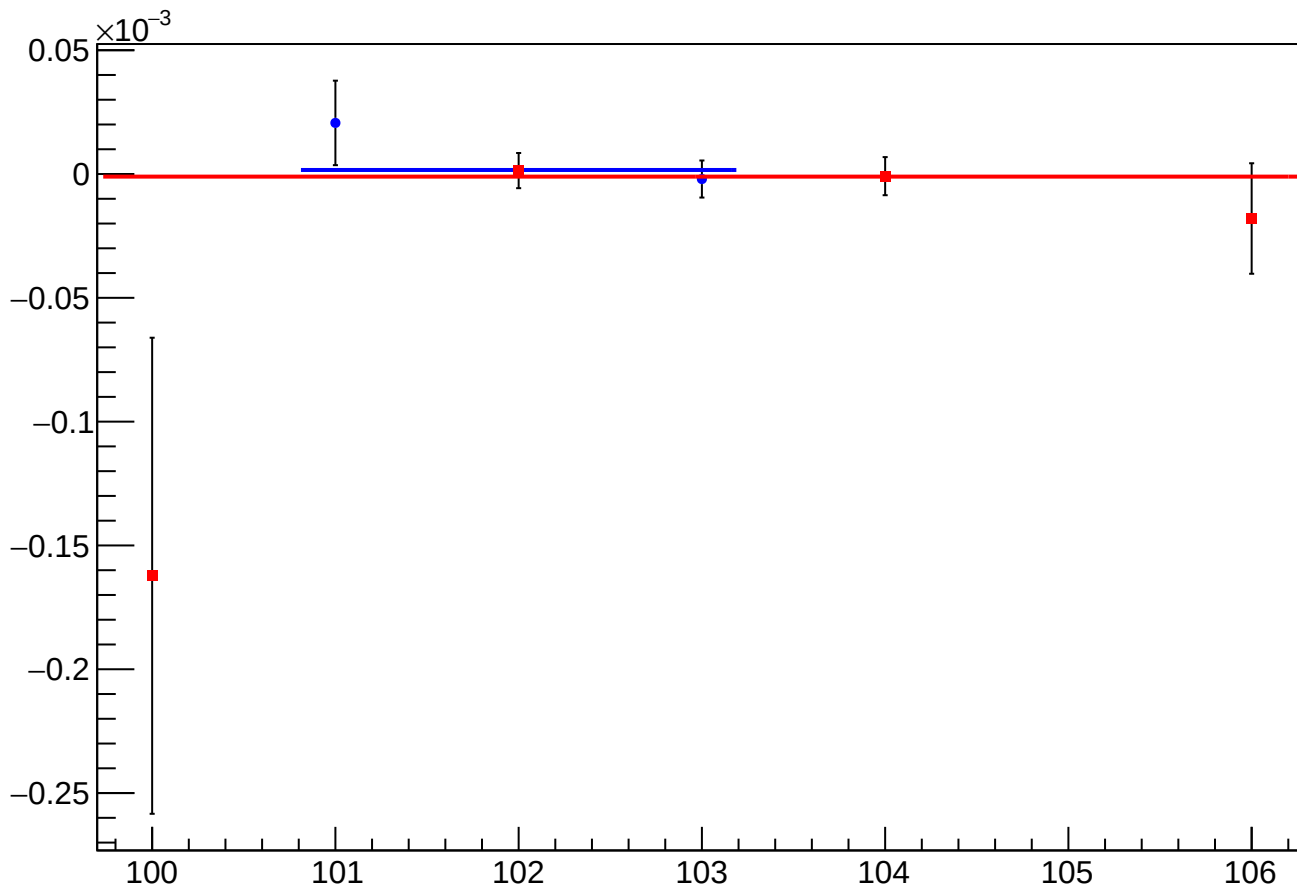
Right: 135.506+/-0.091 χ^2/NDF : 2556783.9/5

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.506+/-0.091 χ^2/NDF : 2556783.9/5

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

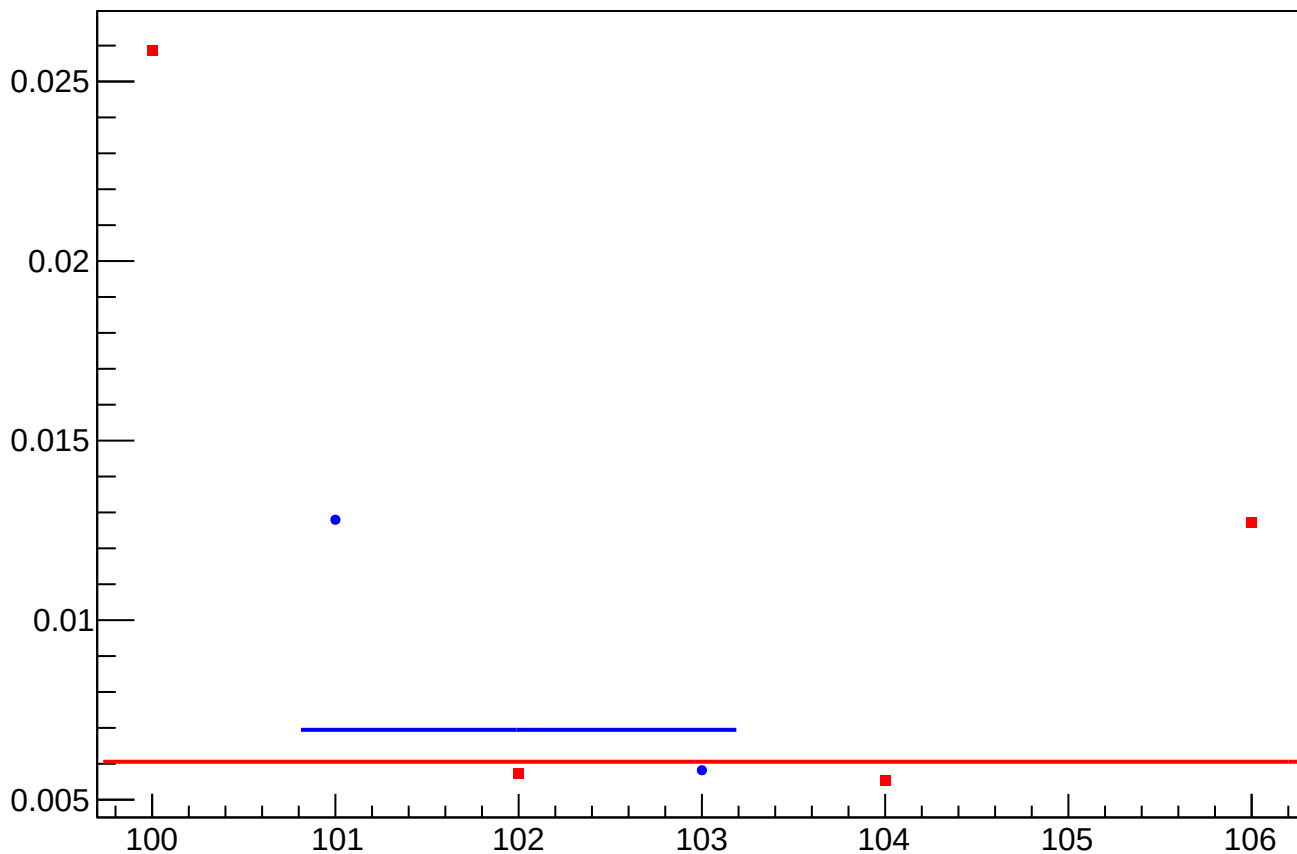
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/5

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 280431.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 277007.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

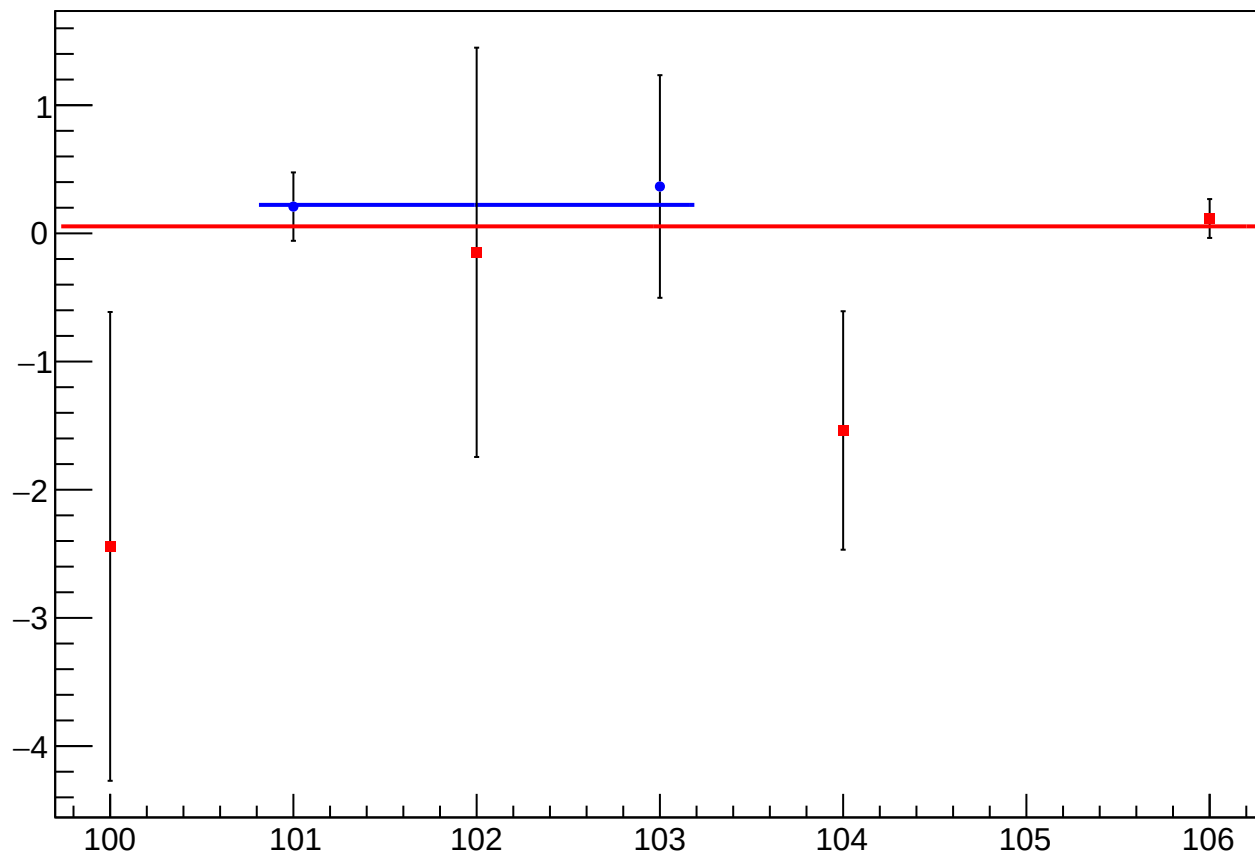
Right: 0.006+/-0.000 χ^2/NDF : 579162.4/5

In: 0.007+/-0.000 χ^2/NDF : 280431.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 579162.4/5

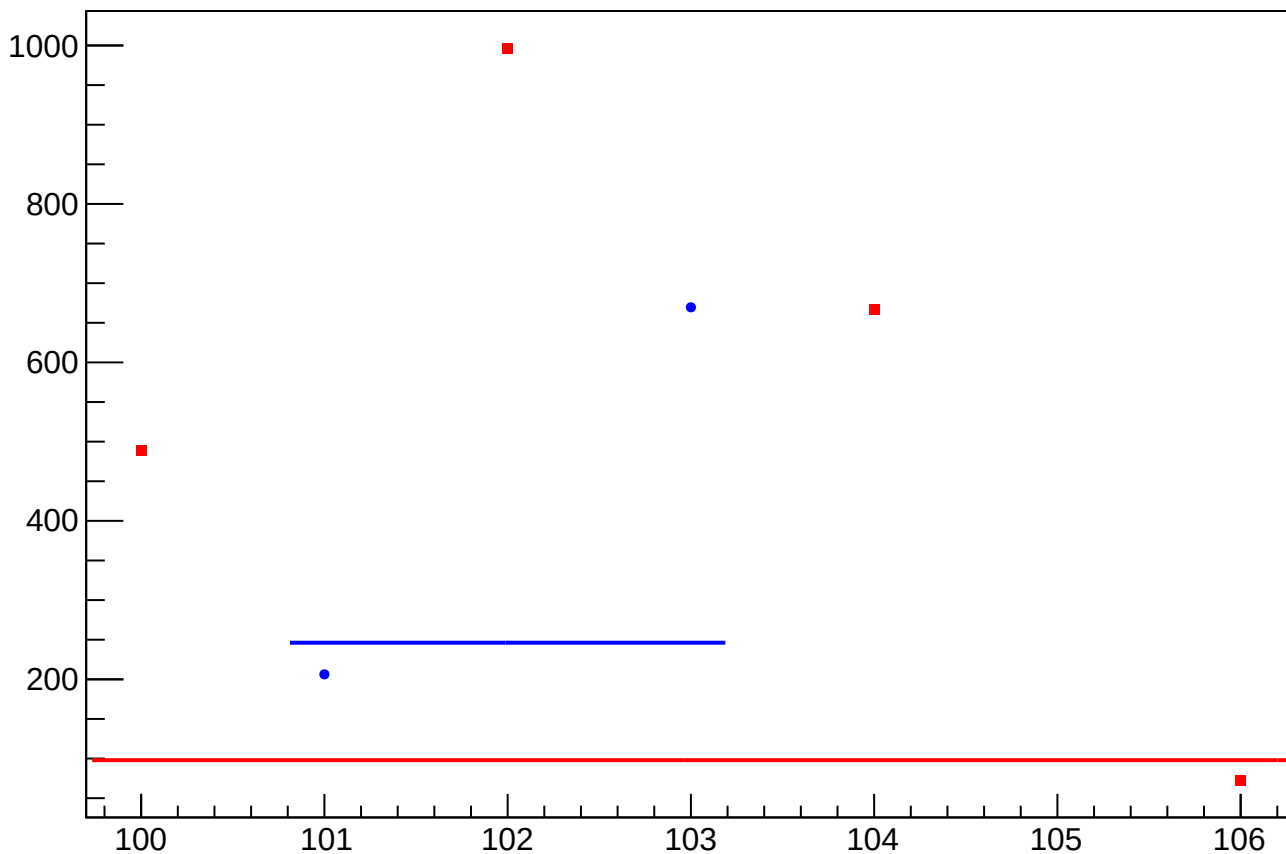
asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222 $\pm$ 0.255 χ^2 /NDF: 0.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.055 $\pm$ 0.149 χ^2 /NDF: 5.0/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.097 $\pm$ 0.128 χ^2 /NDF: 5.3/5
 In: 0.222 $\pm$ 0.255 χ^2 /NDF:0.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.097 $\pm$ 0.128 χ^2 /NDF: 5.3/5

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.222 $\pm$ 0.180 χ^2 /NDF: 519961.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.955 $\pm$ 0.105 χ^2 /NDF: 1531980.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

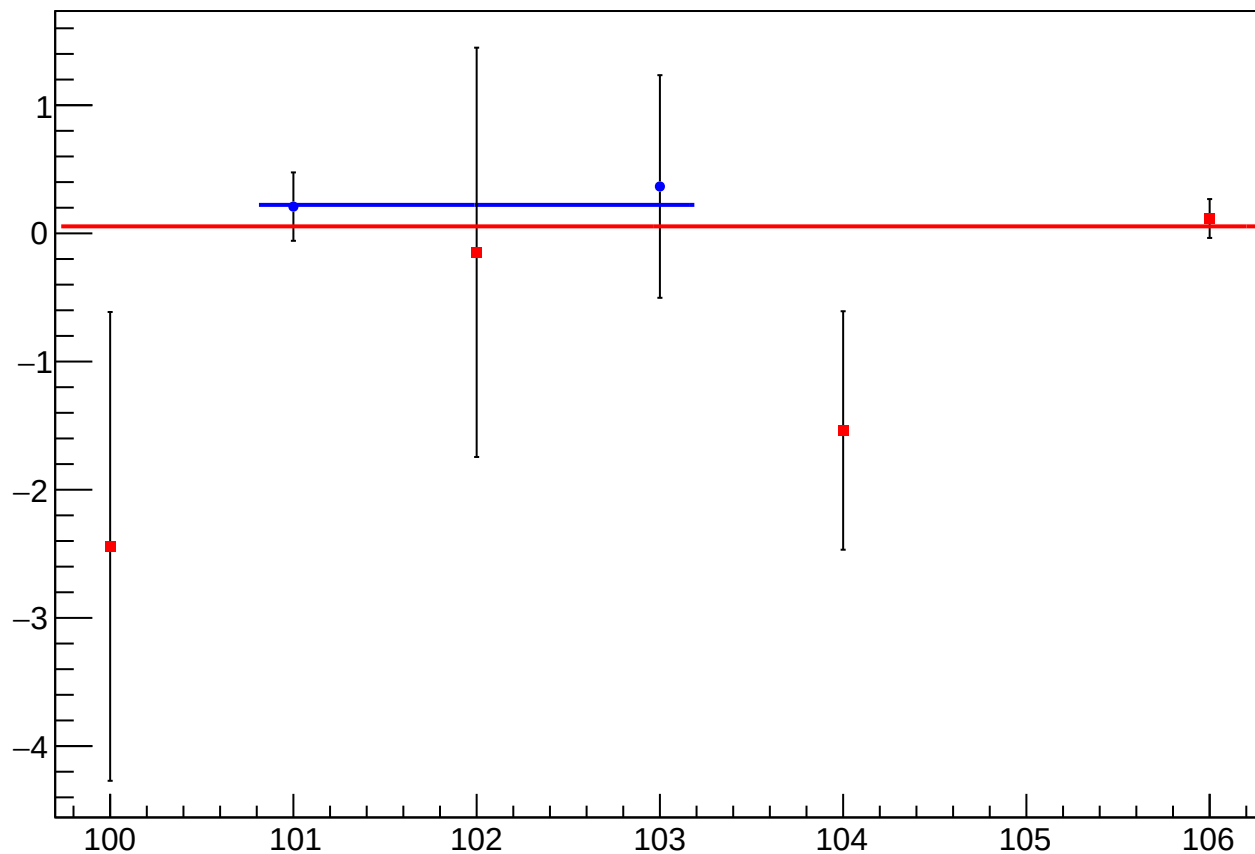
Right: 135.507 $\pm$ 0.091 χ^2 /NDF: 2556775.7/5

In: 246.222 $\pm$ 0.180 χ^2 /NDF:519961.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.507 $\pm$ 0.091 χ^2 /NDF: 2556775.7/5

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.055+/-0.149 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

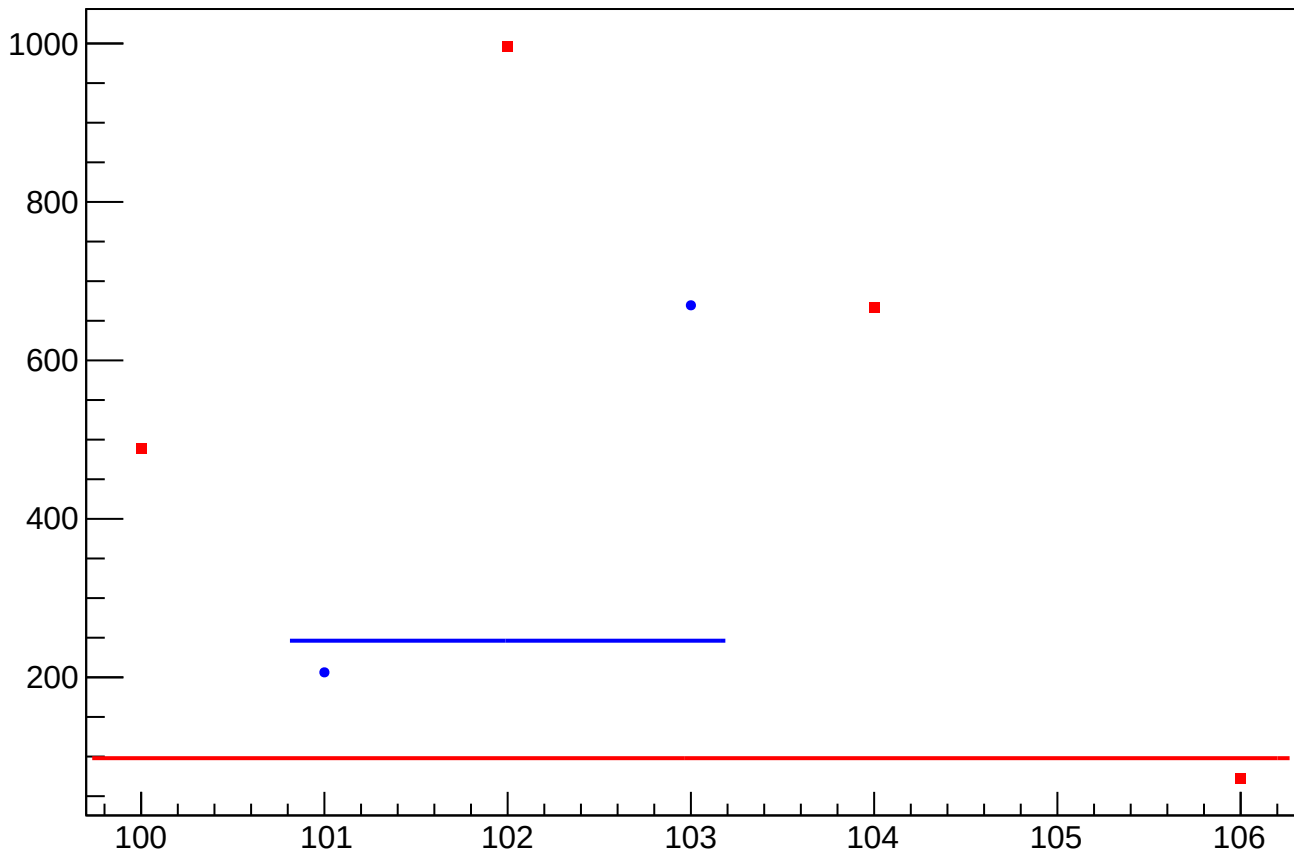
Right: 0.097+/-0.128 χ^2/NDF : 5.3/5

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.128 χ^2/NDF : 5.3/5

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.222+/-0.180 χ^2 /NDF: 519961.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 97.955+/-0.105 χ^2 /NDF: 1531980.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

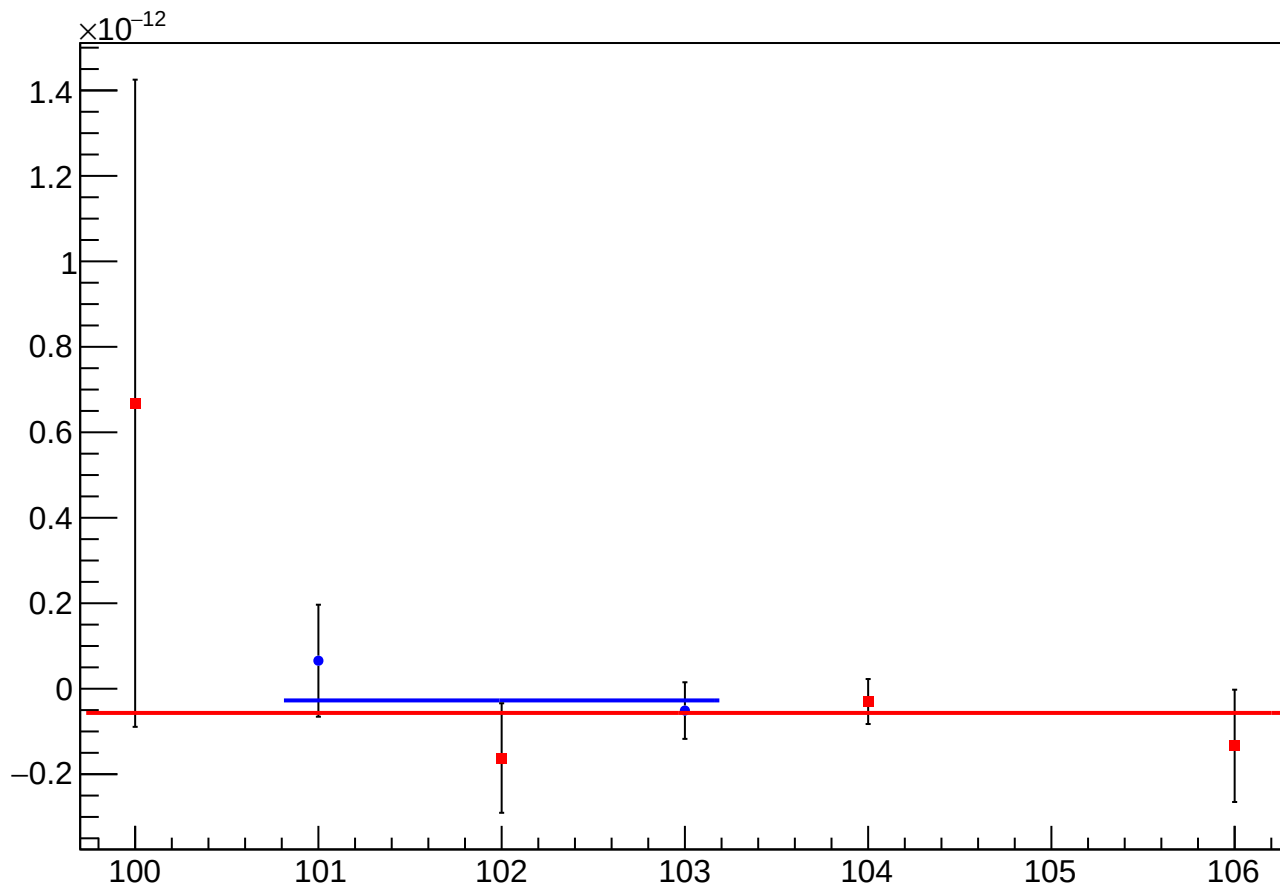
Right: 135.507+/-0.091 χ^2 /NDF: 2556775.7/5

In: 246.222+/-0.180 χ^2 /NDF:519961.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 135.507+/-0.091 χ^2 /NDF: 2556775.7/5

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

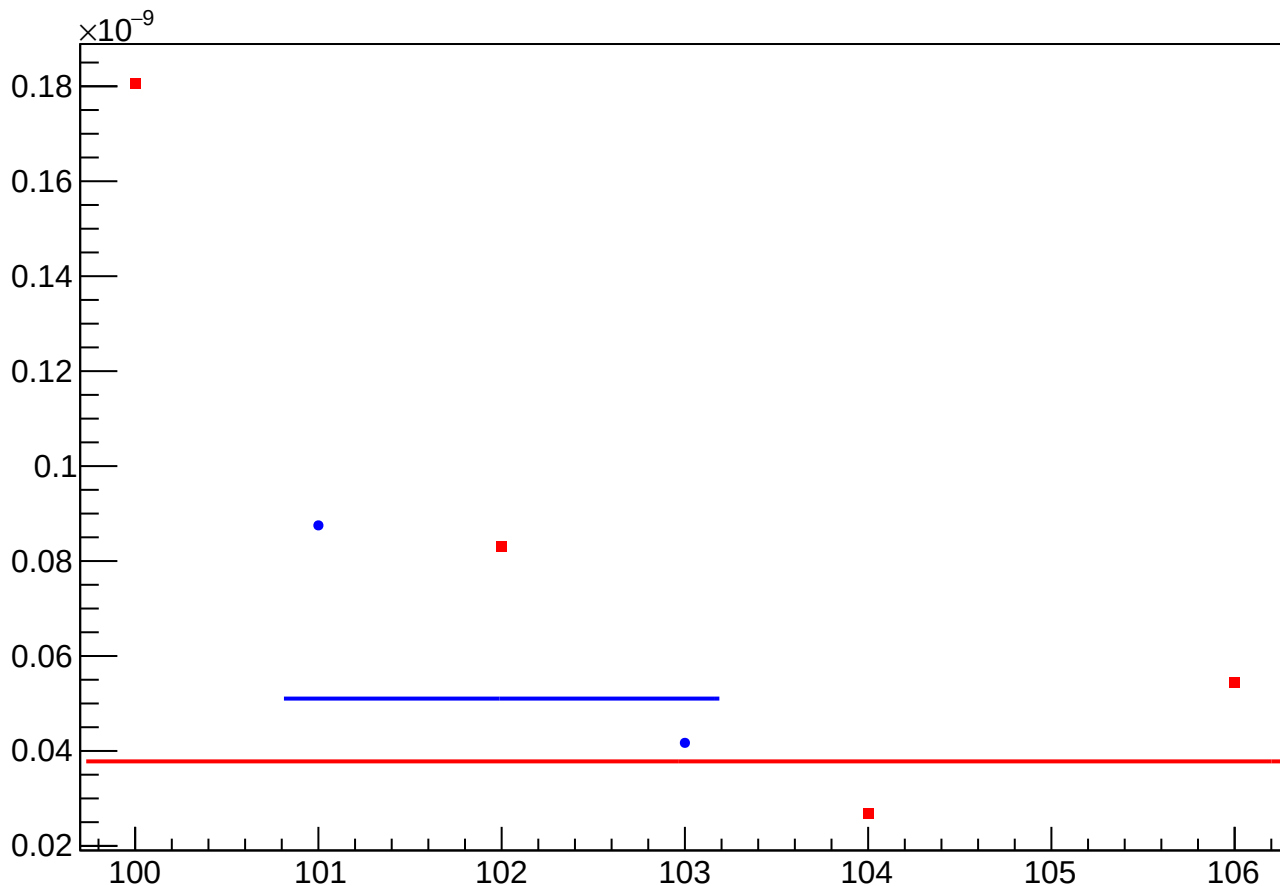
Right: -0.000+/-0.000 χ^2/NDF : 3.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.0/5

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 194675.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439899.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

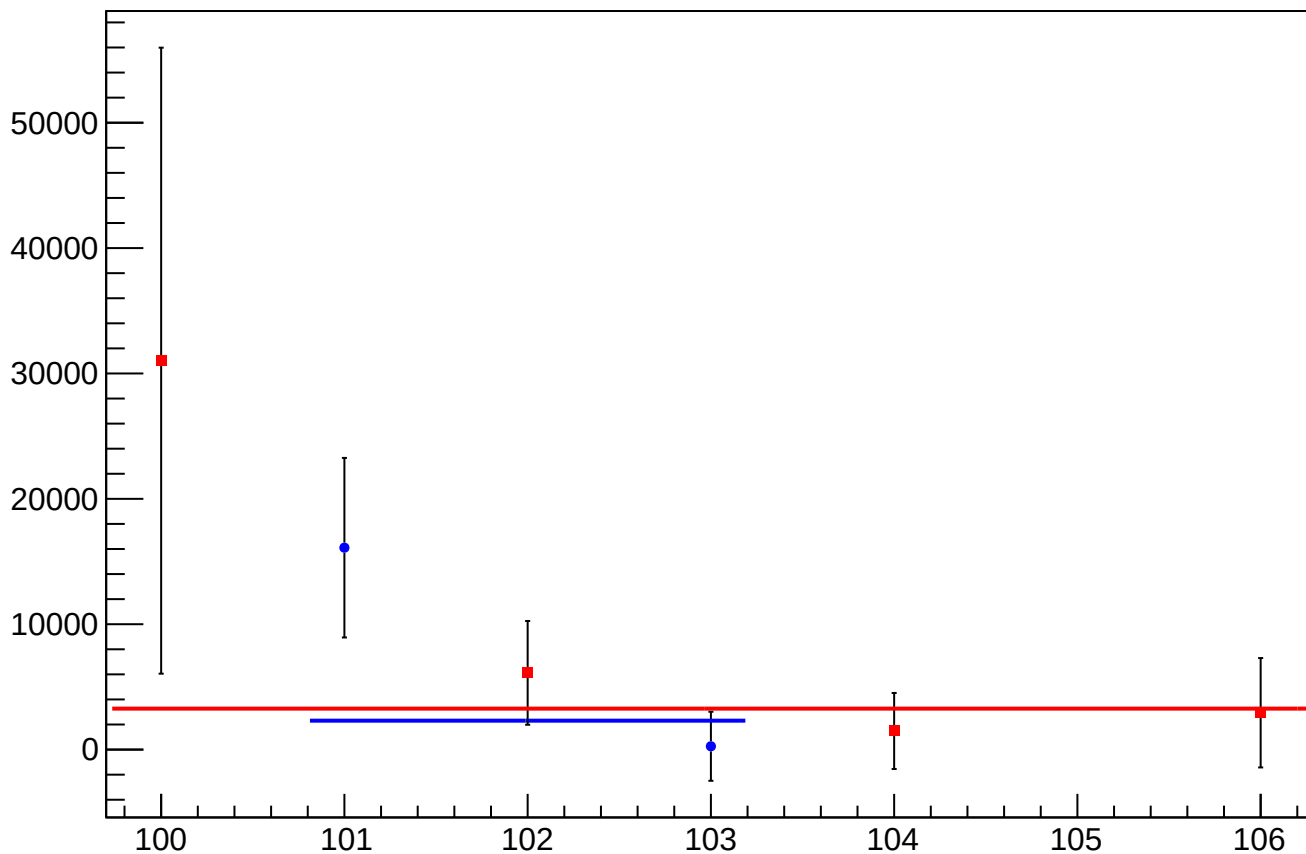
Right: 0.000+/-0.000 χ^2/NDF : 697384.5/5

In: 0.000+/-0.000 χ^2/NDF : 194675.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 697384.5/5

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2306.035+/-2570.707 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3267.372+/-2125.834 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

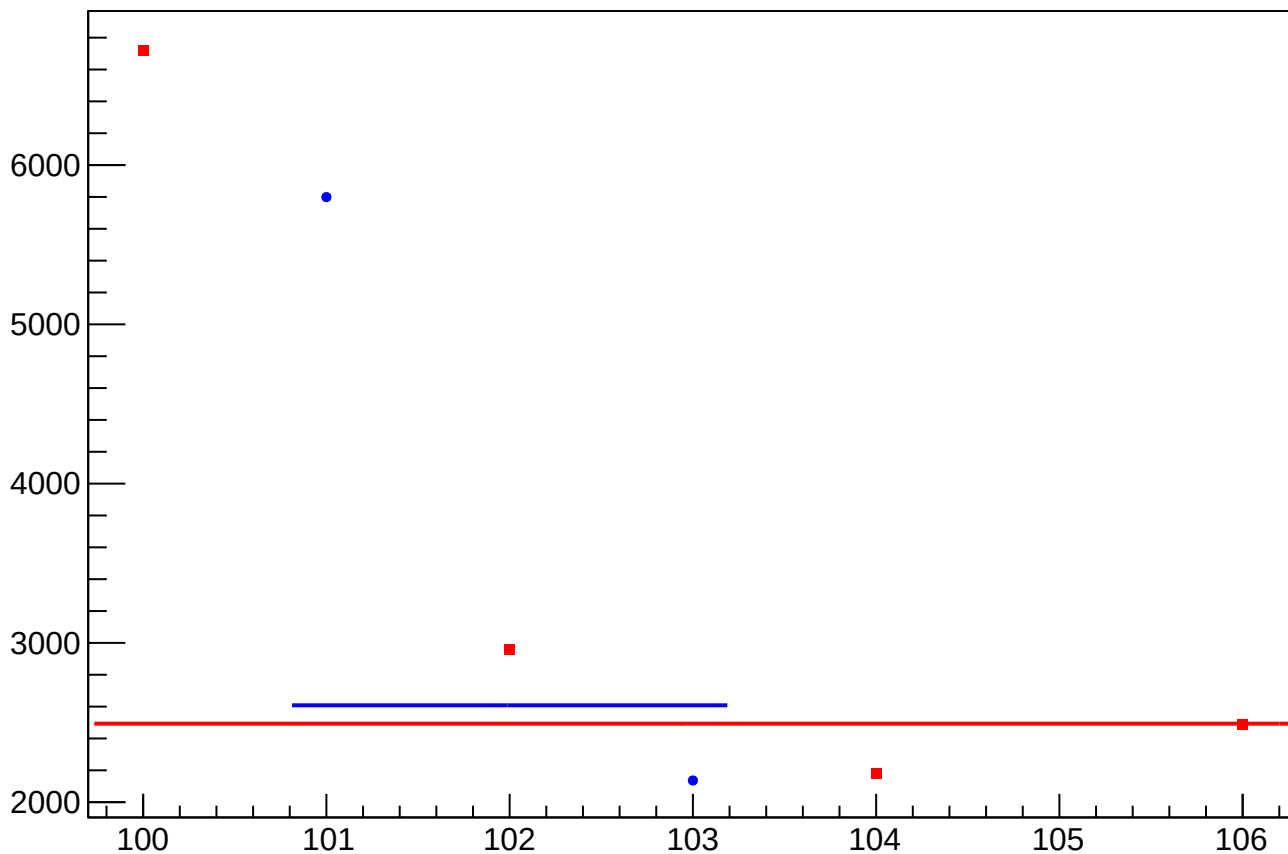
Right: 2876.955+/-1638.246 χ^2/NDF : 6.4/5

In: 2306.035+/-2570.707 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2876.955+/-1638.246 χ^2/NDF : 6.4/5

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455813.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2492.899+/-1.503 χ^2/NDF : 103814.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

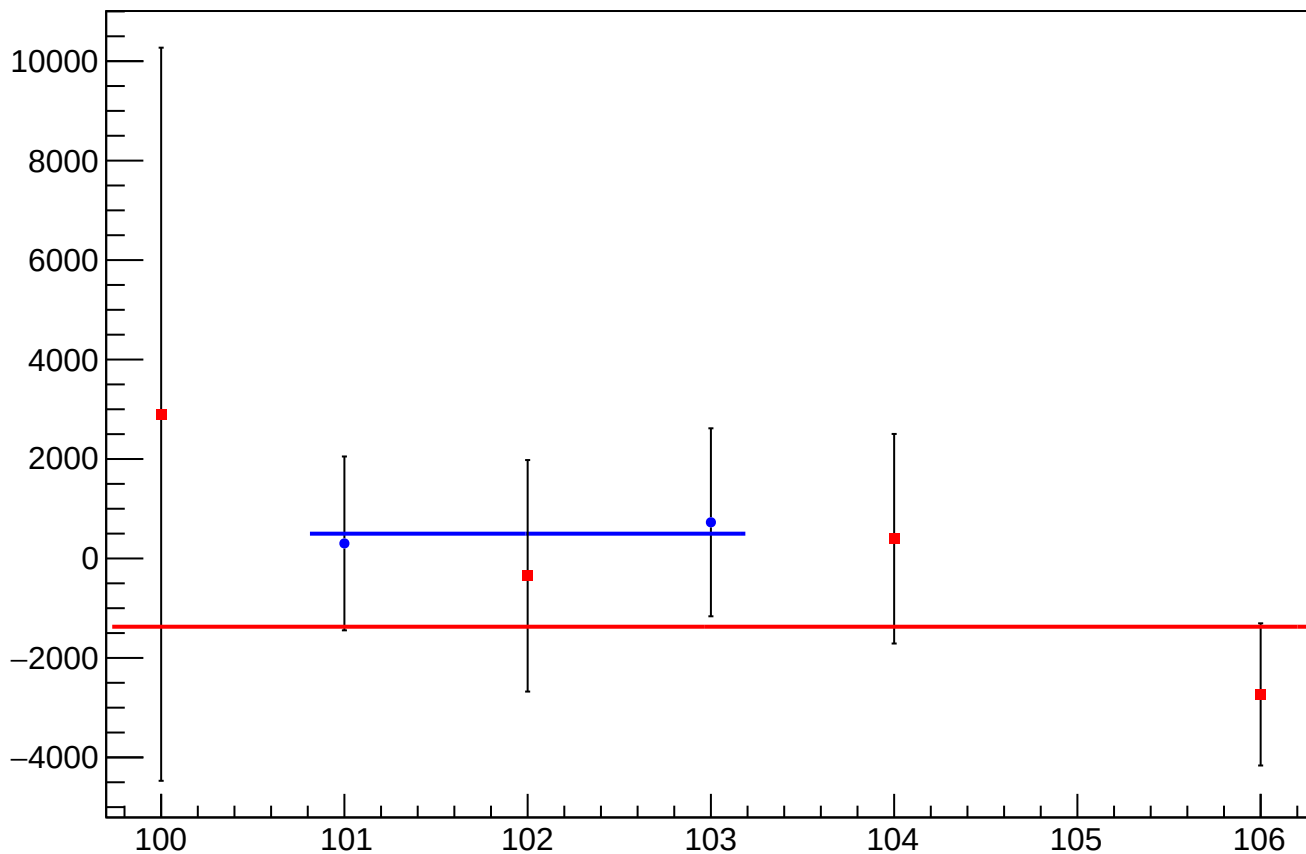
Right: 2539.710+/-1.158 χ^2/NDF : 562015.9/5

In: 2608.165+/-1.818 χ^2/NDF : 455813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2539.710+/-1.158 χ^2/NDF : 562015.9/5

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 498.565 $\pm$ 1283.314 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1372.361 $\pm$ 1043.950 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

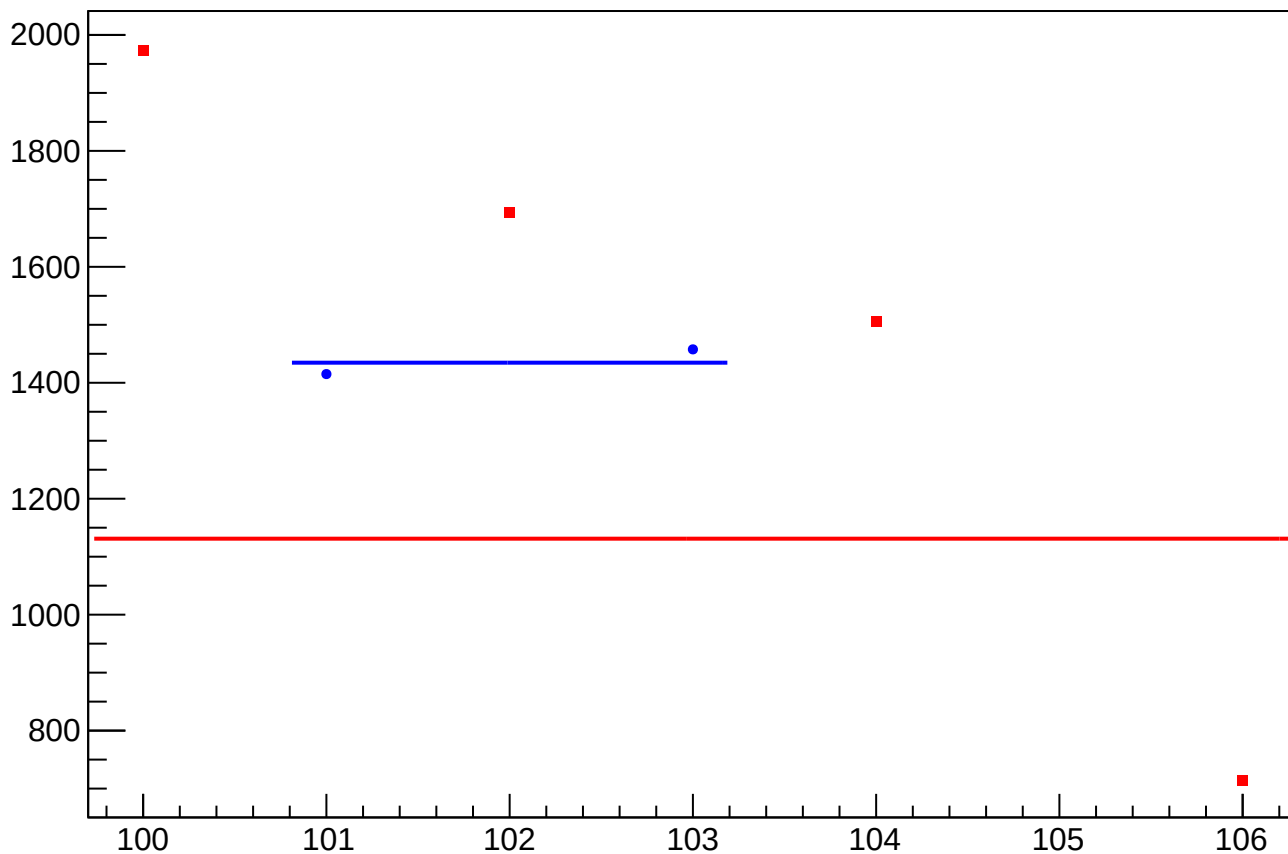
Right: -627.313 $\pm$ 809.836 χ^2 /NDF: 3.4/5

In: 498.565 $\pm$ 1283.314 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -627.313 $\pm$ 809.836 χ^2 /NDF: 3.4/5

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1434.658 $\pm$ 0.907 χ^2 /NDF: 548.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1131.074 $\pm$ 0.738 χ^2 /NDF: 376317.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

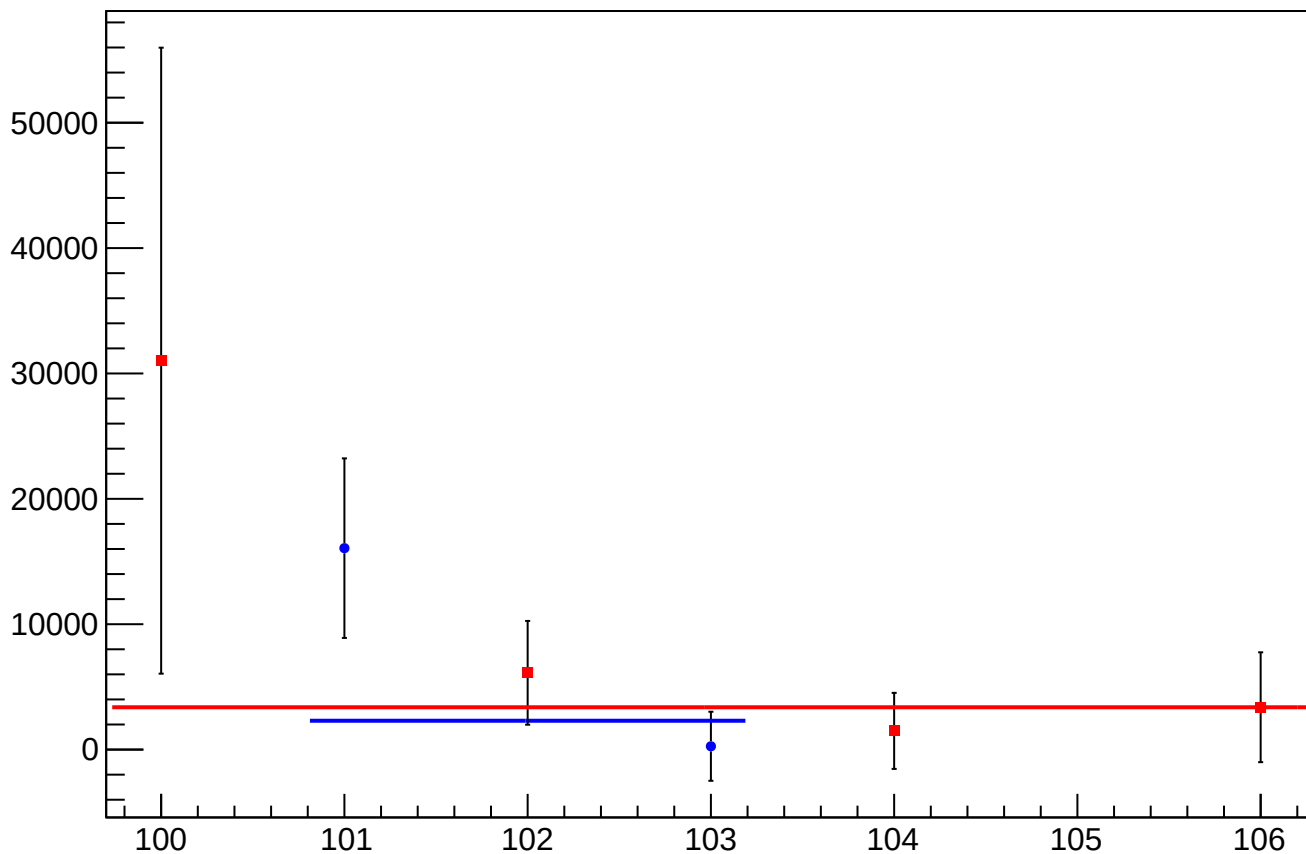
Right: 1251.969 $\pm$ 0.573 χ^2 /NDF: 444217.7/5

In: 1434.658 $\pm$ 0.907 χ^2 /NDF:548.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1251.969 $\pm$ 0.573 χ^2 /NDF: 444217.7/5

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3375.532+/-2128.021 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

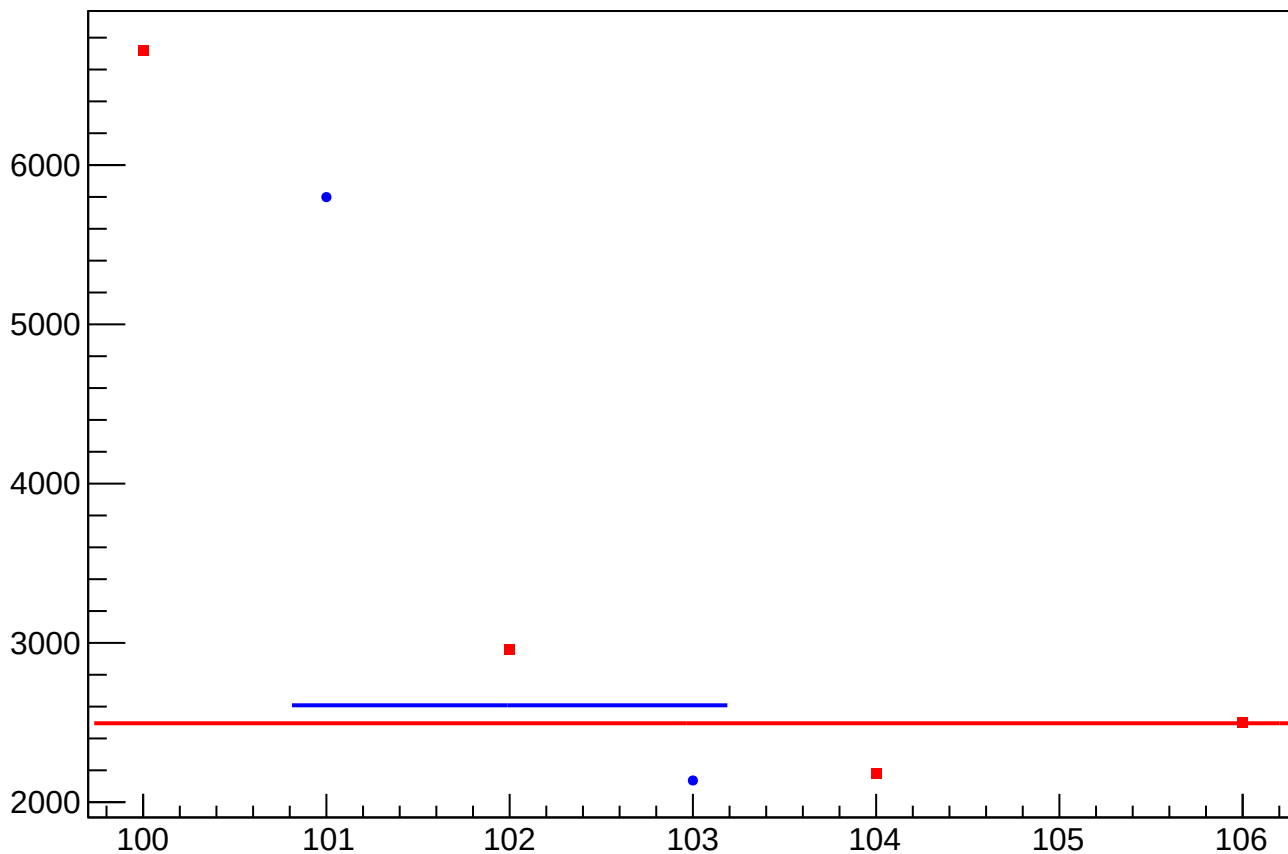
Right: 2938.538+/-1639.247 χ^2/NDF : 6.4/5

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.538+/-1639.247 χ^2/NDF : 6.4/5

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2495.437+/-1.505 χ^2/NDF : 103817.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

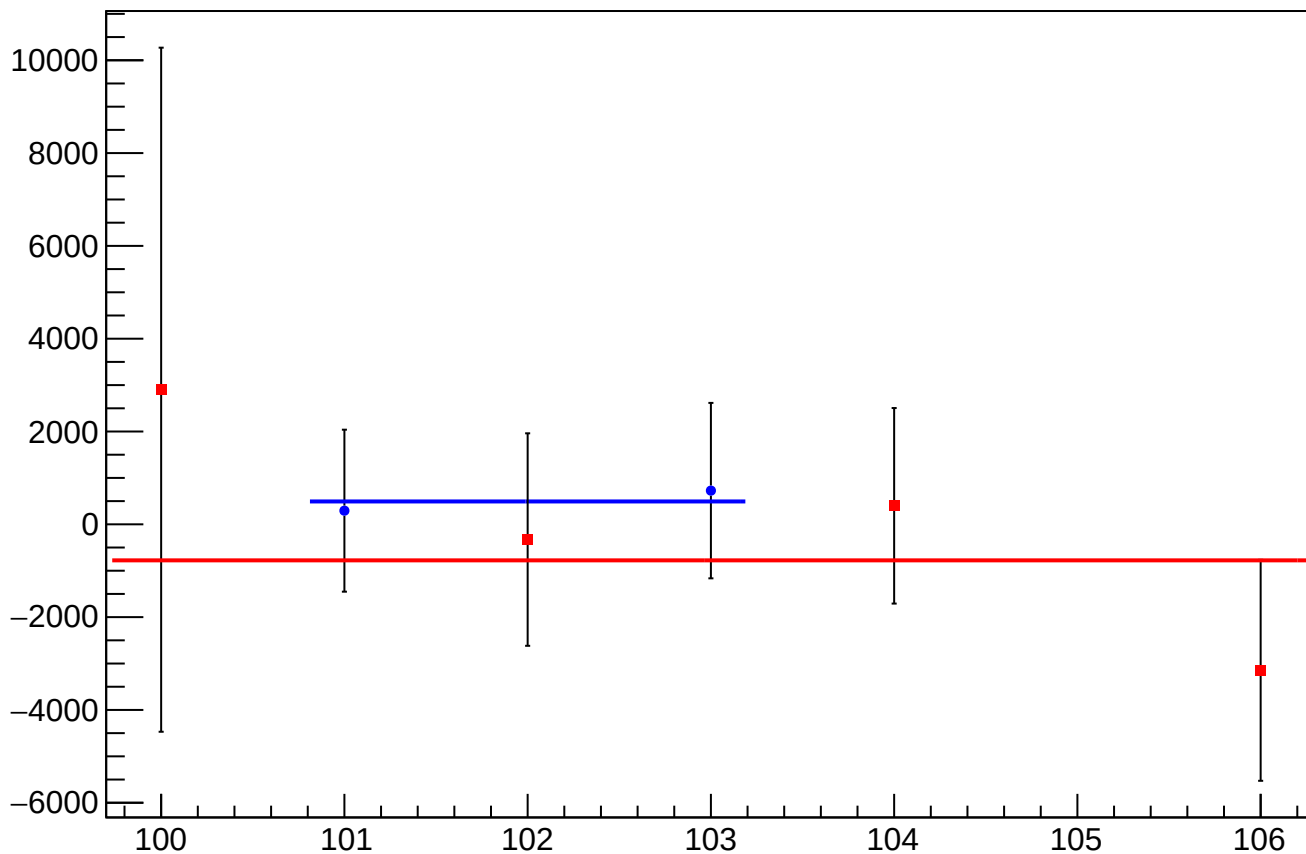
Right: 2541.273+/-1.159 χ^2/NDF : 561913.5/5

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2541.273+/-1.159 χ^2/NDF : 561913.5/5

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -776.599+/-1279.512 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

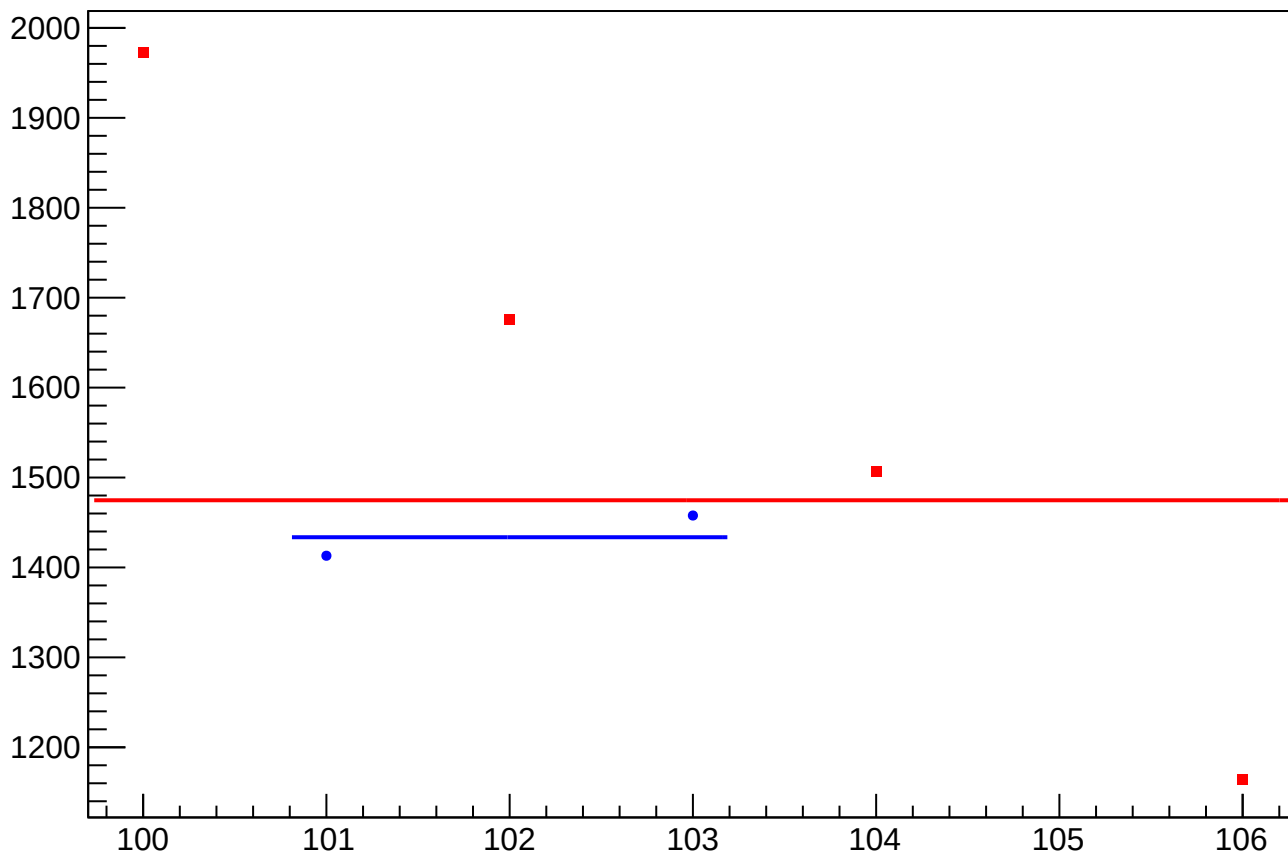
Right: -143.293+/-905.754 χ^2/NDF : 2.1/5

In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.293+/-905.754 χ^2/NDF : 2.1/5

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1474.720+/-0.905 χ^2/NDF : 59042.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

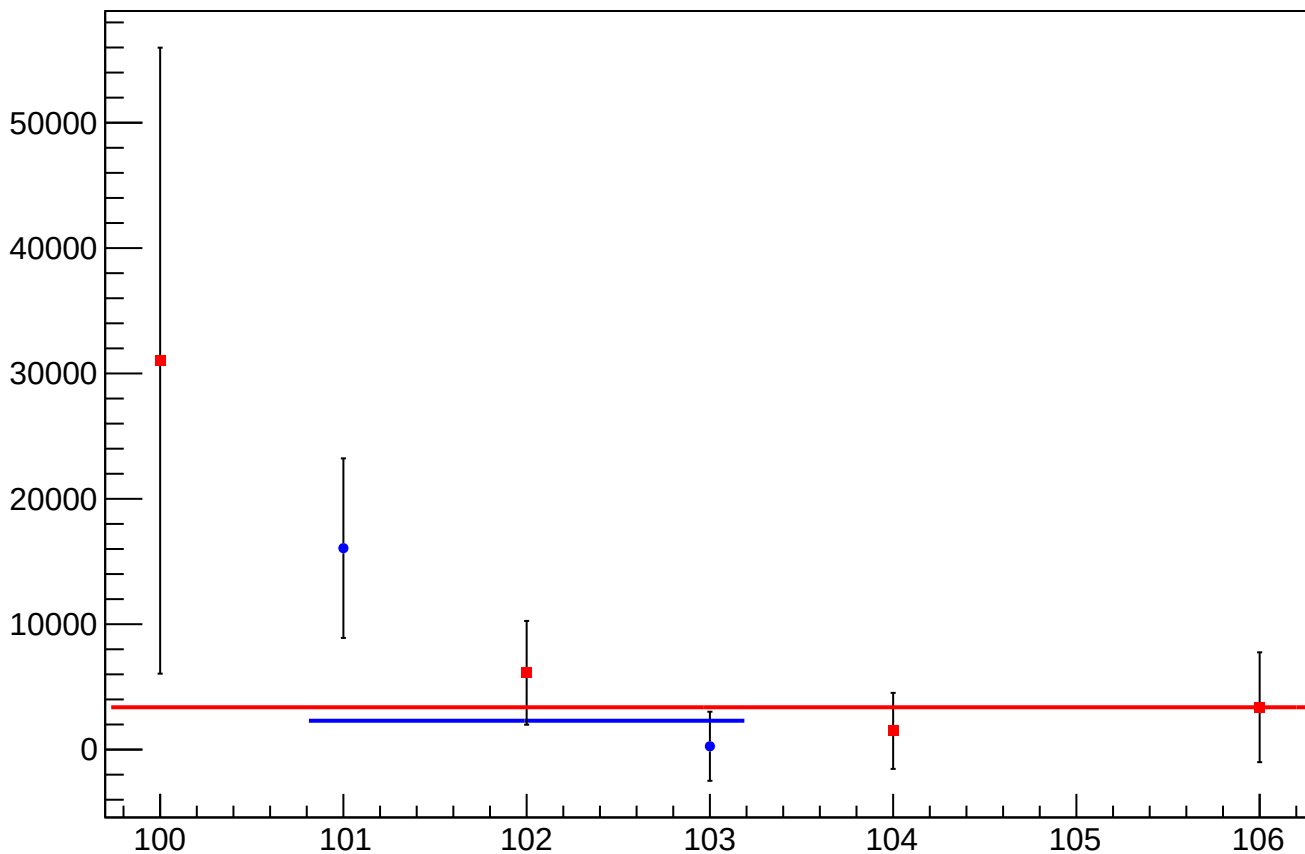
Right: 1454.211+/-0.640 χ^2/NDF : 60676.8/5

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.211+/-0.640 χ^2/NDF : 60676.8/5

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3375.532+/-2128.021 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

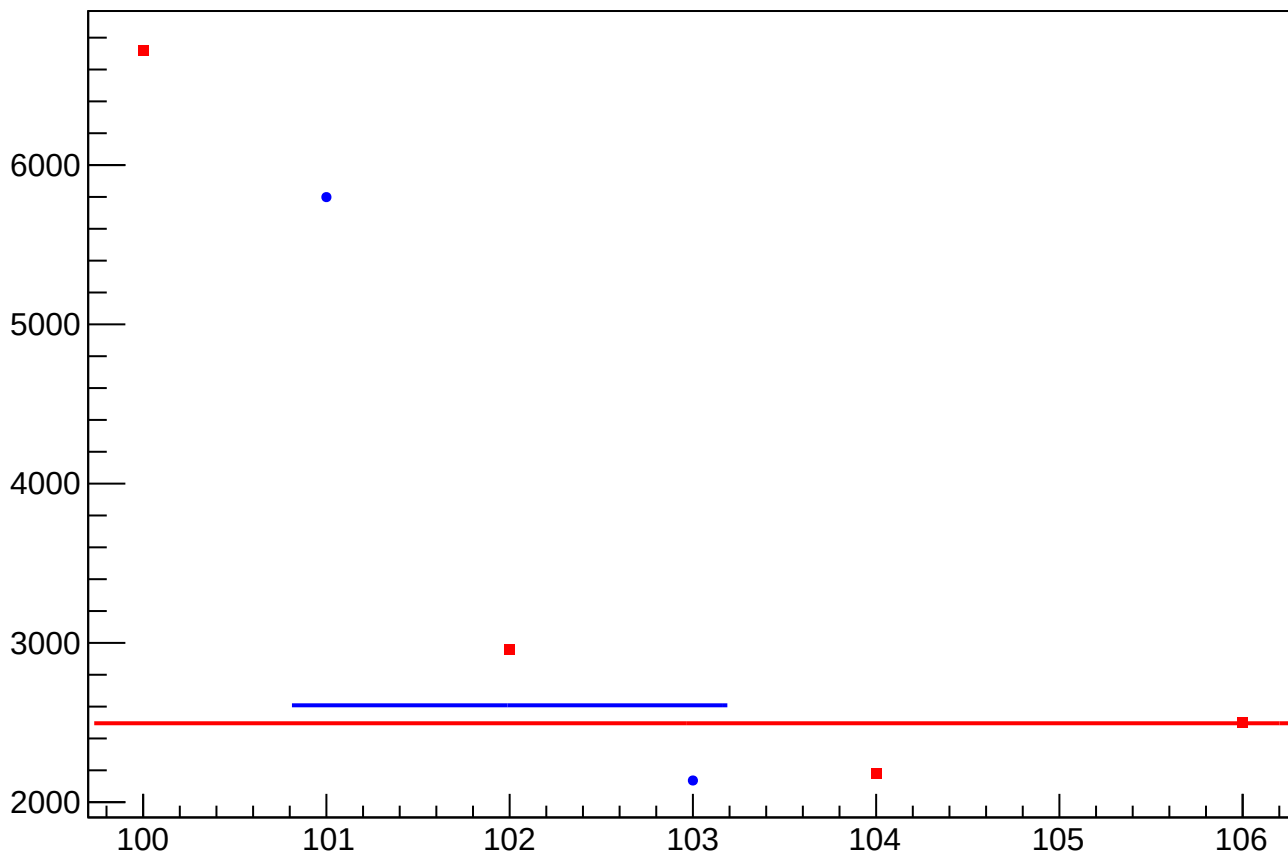
Right: 2938.538+/-1639.247 χ^2/NDF : 6.4/5

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2938.538+/-1639.247 χ^2/NDF : 6.4/5

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2495.437+/-1.505 χ^2/NDF : 103817.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

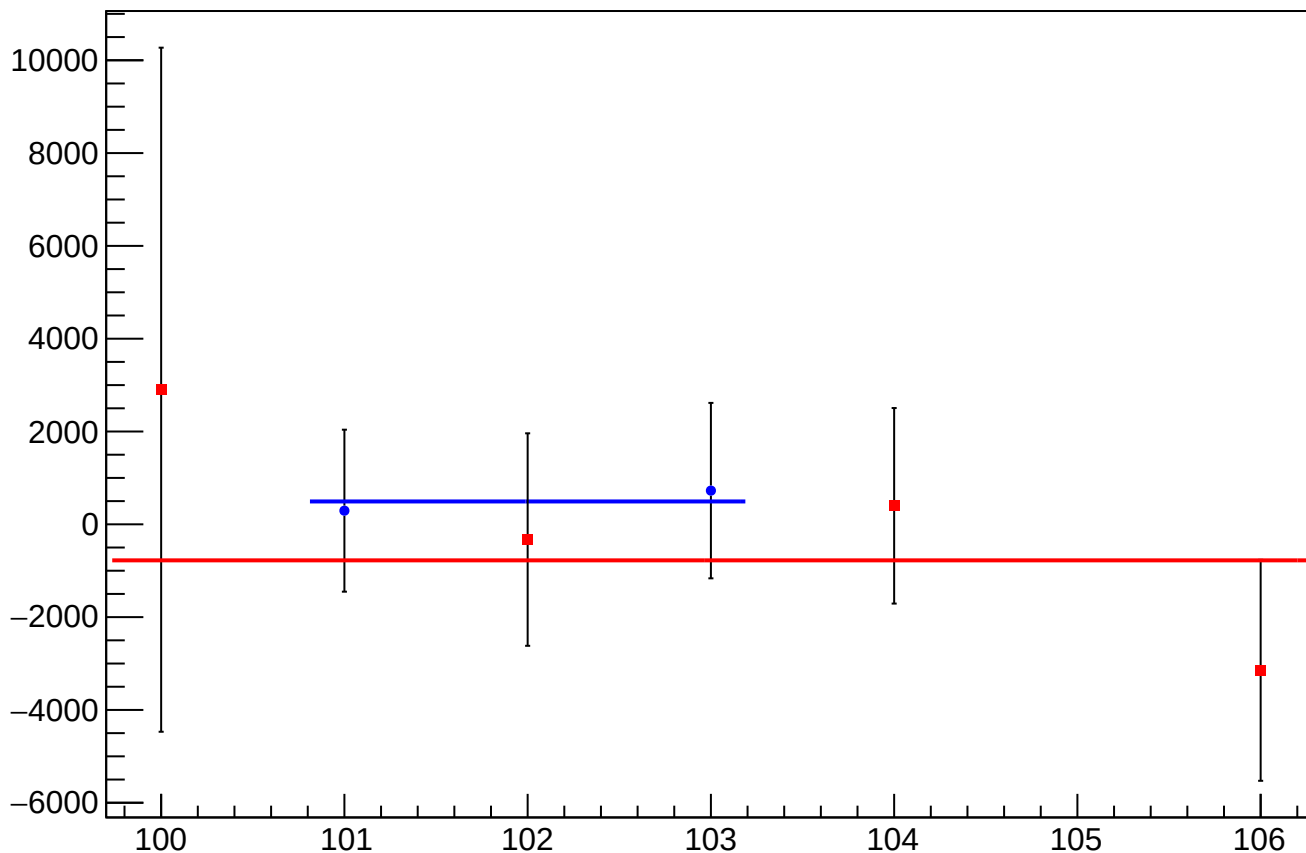
Right: 2541.273+/-1.159 χ^2/NDF : 561913.5/5

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2541.273+/-1.159 χ^2/NDF : 561913.5/5

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.829 $\pm$ 1282.354 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -776.599 $\pm$ 1279.512 χ^2 /NDF: 1.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

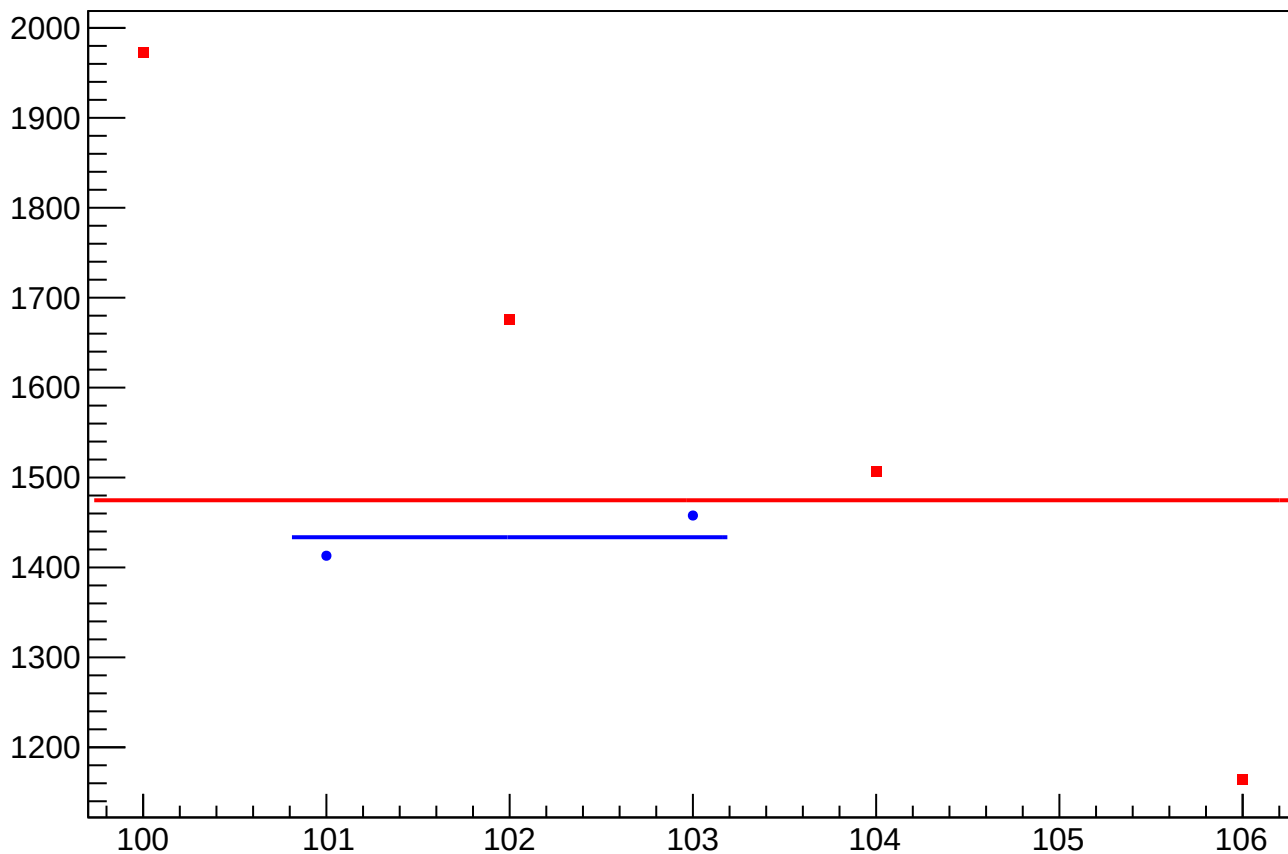
Right: -143.293 $\pm$ 905.754 χ^2 /NDF: 2.1/5

In: 492.829 $\pm$ 1282.354 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.293 $\pm$ 905.754 χ^2 /NDF: 2.1/5

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1474.720+/-0.905 χ^2/NDF : 59042.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

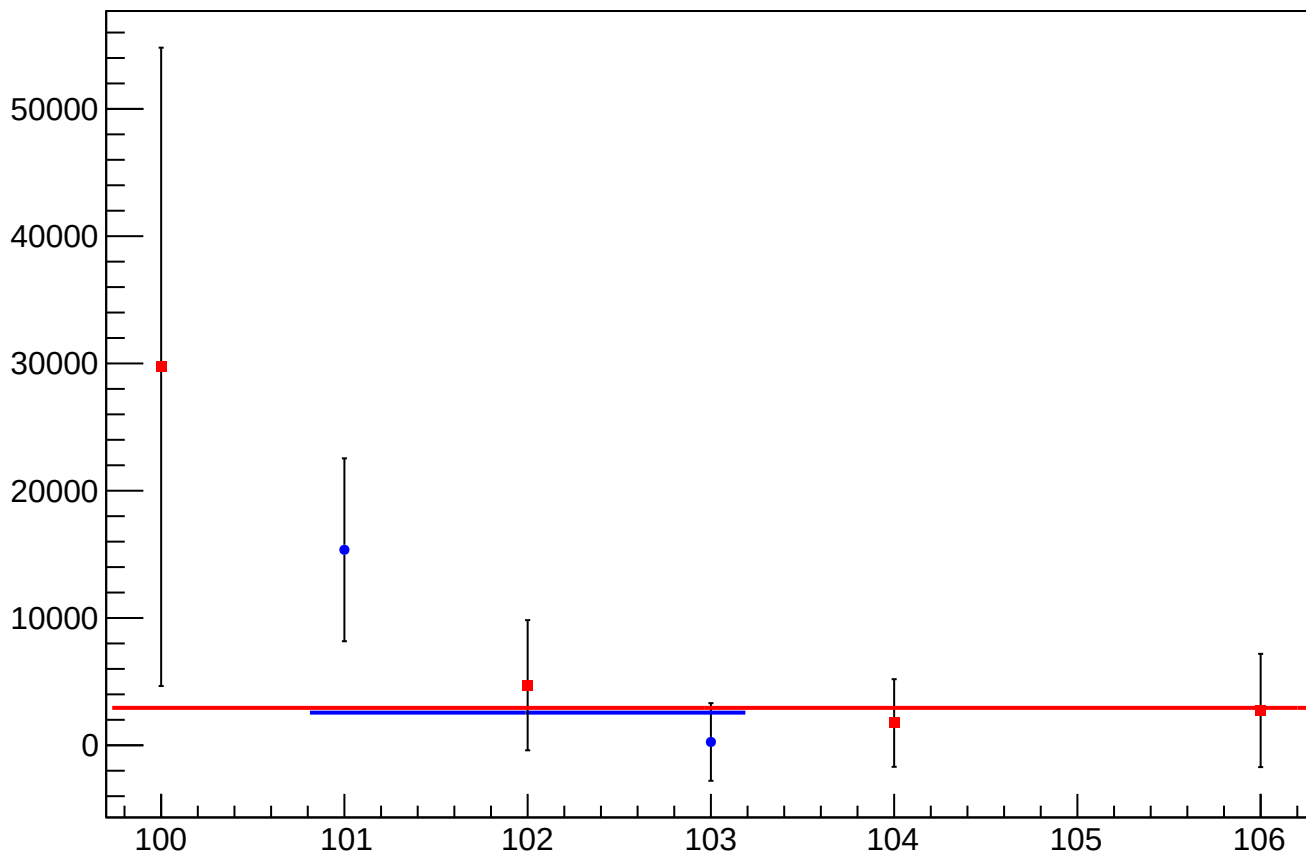
Right: 1454.211+/-0.640 χ^2/NDF : 60676.8/5

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1454.211+/-0.640 χ^2/NDF : 60676.8/5

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2564.941+/-2807.855 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2939.058+/-2392.668 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

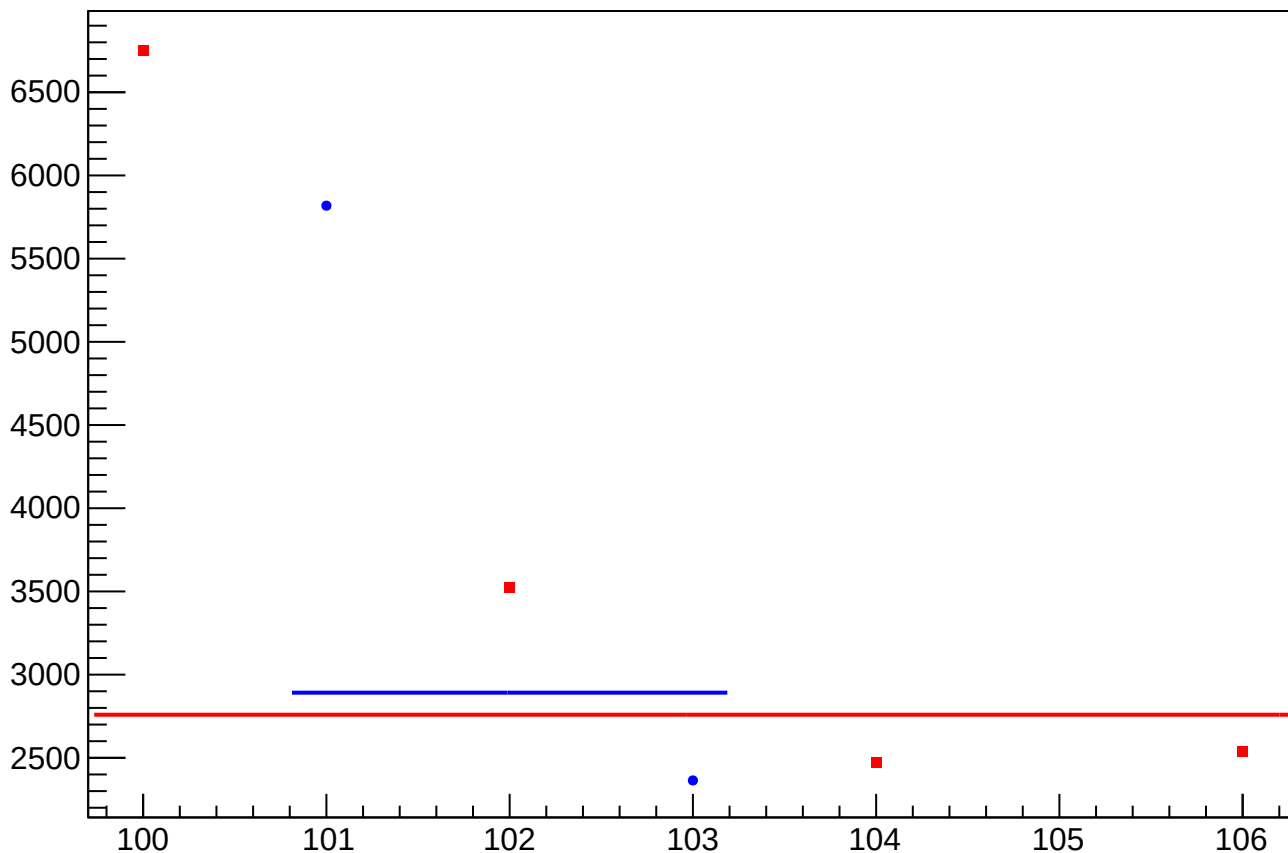
Right: 2781.678+/-1821.149 χ^2/NDF : 5.1/5

In: 2564.941+/-2807.855 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2781.678+/-1821.149 χ^2/NDF : 5.1/5

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2891.593+/-1.985 χ^2/NDF : 391608.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2759.114+/-1.692 χ^2/NDF : 113942.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

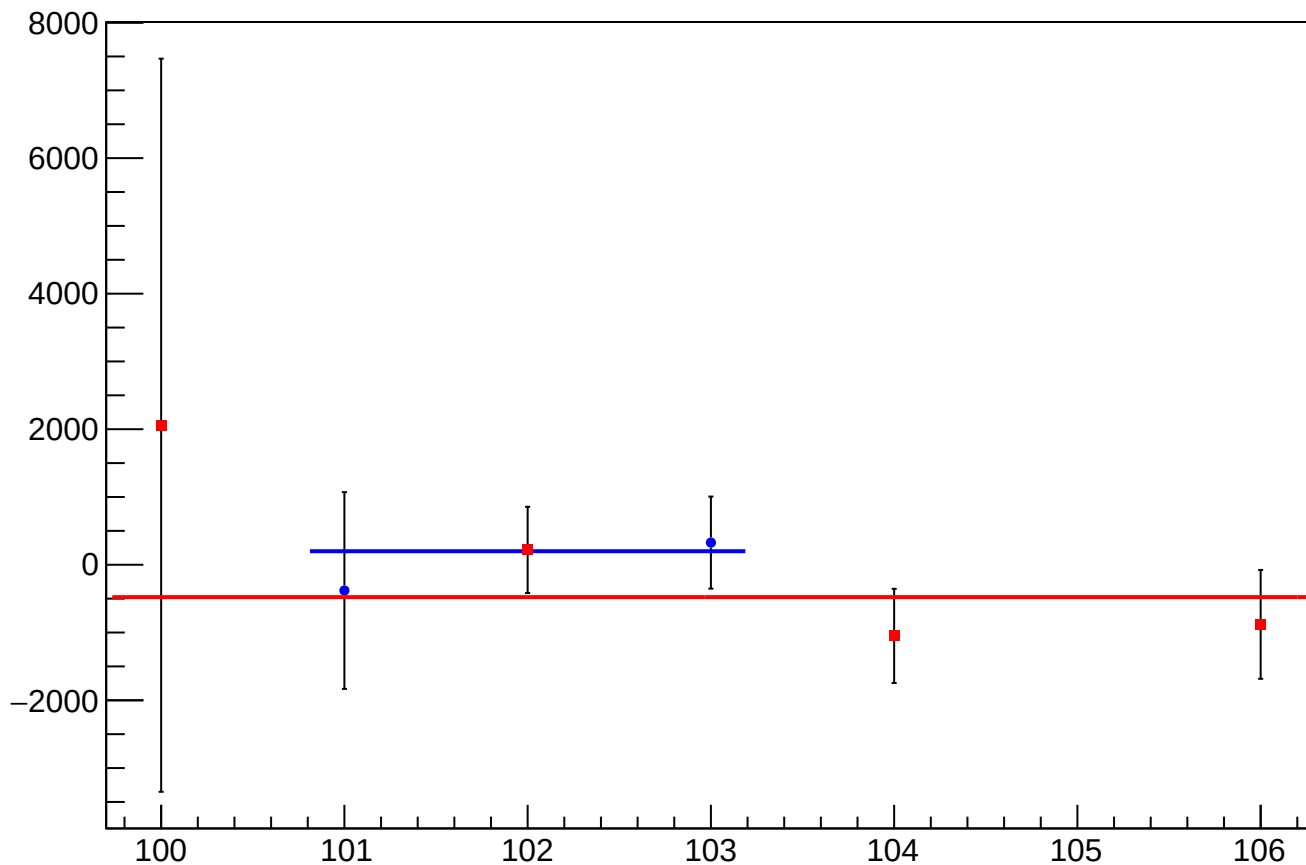
Right: 2814.843+/-1.288 χ^2/NDF : 508130.1/5

In: 2891.593+/-1.985 χ^2/NDF : 391608.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.843+/-1.288 χ^2/NDF : 508130.1/5

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.723+/-615.359 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -477.748+/-404.026 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

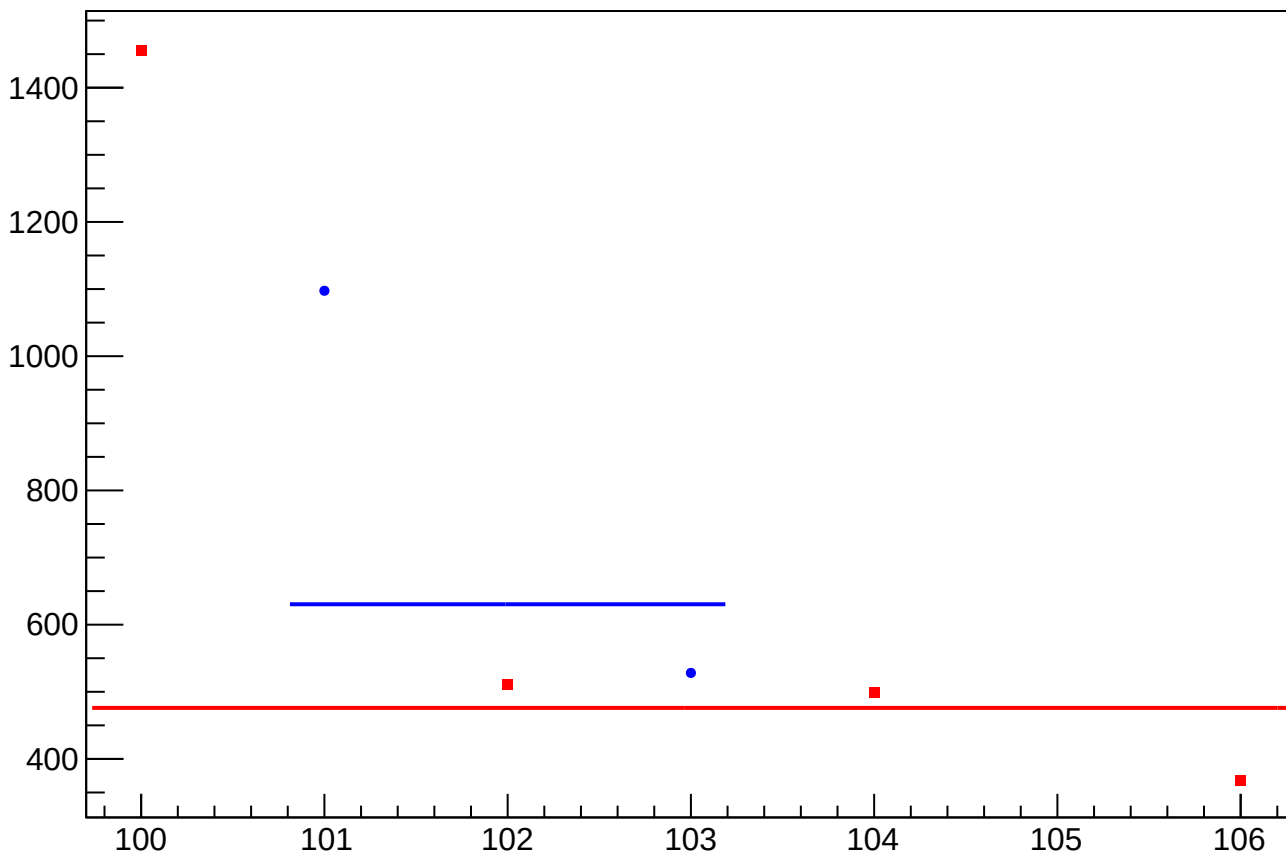
Right: -273.674+/-337.735 χ^2/NDF : 3.4/5

In: 199.723+/-615.359 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.674+/-337.735 χ^2/NDF : 3.4/5

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.418+/-0.435 χ^2/NDF : 252344.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.027+/-0.286 χ^2/NDF : 110068.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

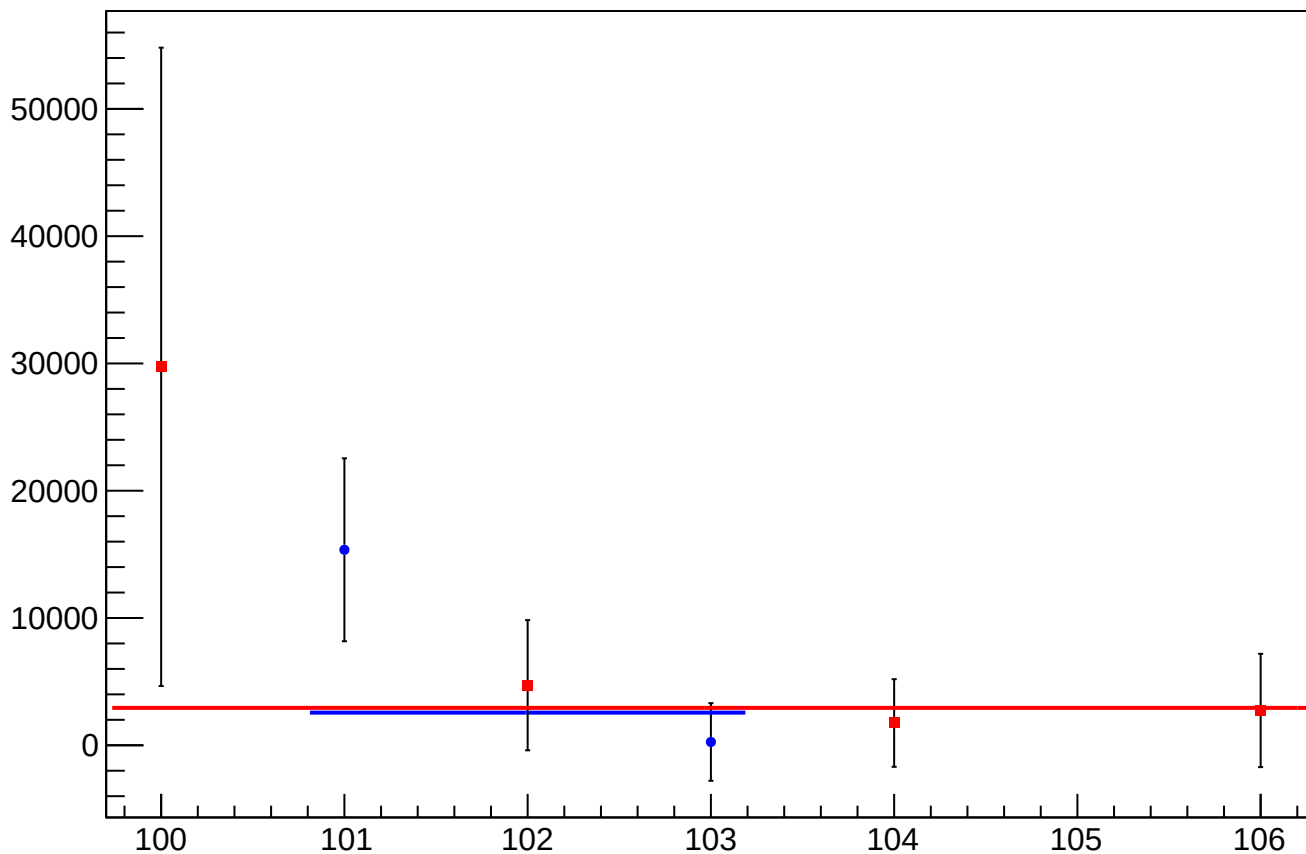
Right: 522.534+/-0.239 χ^2/NDF : 450385.9/5

In: 630.418+/-0.435 χ^2/NDF : 252344.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.534+/-0.239 χ^2/NDF : 450385.9/5

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2564.922+/-2807.850 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2939.041+/-2392.666 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

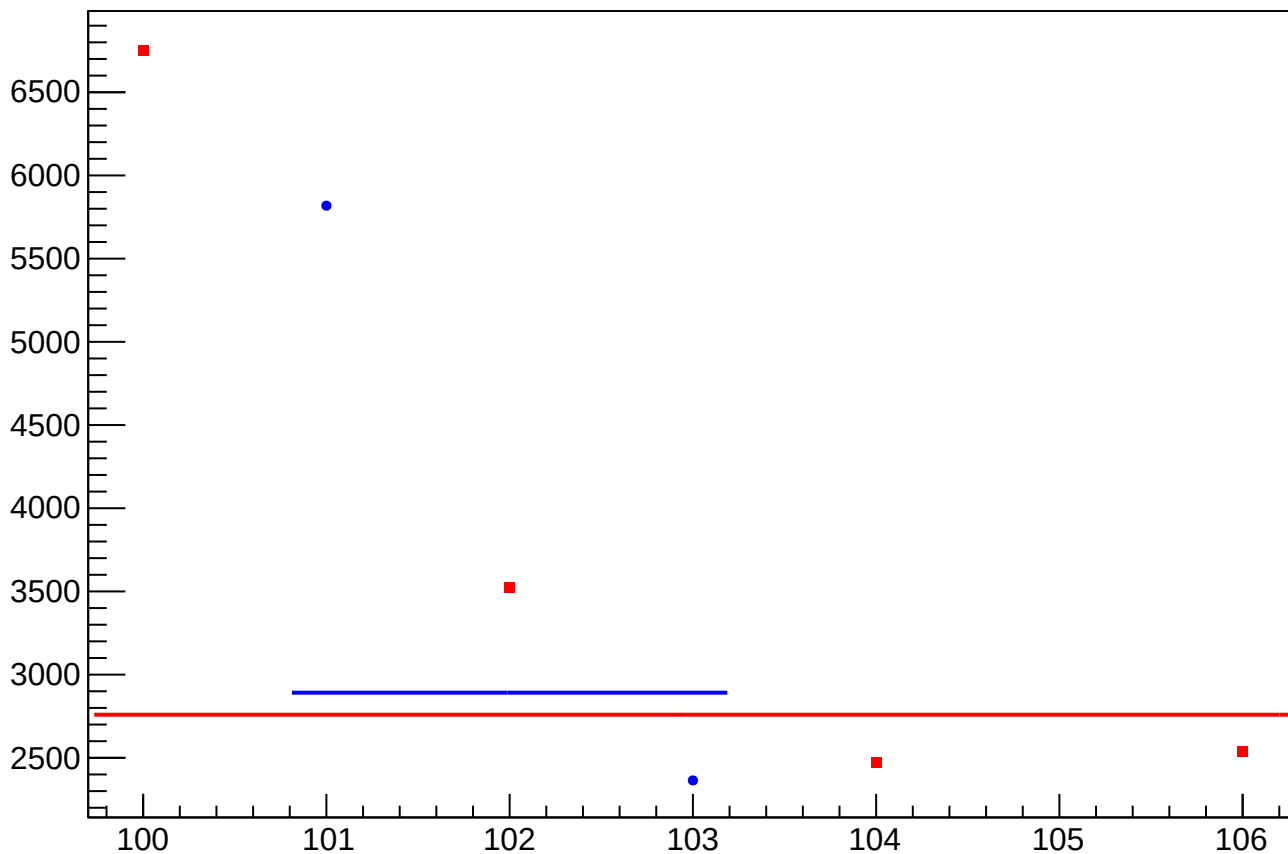
Right: 2781.660+/-1821.146 χ^2/NDF : 5.1/5

In: 2564.922+/-2807.850 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2781.660+/-1821.146 χ^2/NDF : 5.1/5

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2891.587+/-1.985 χ^2/NDF : 391610.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2759.111+/-1.692 χ^2/NDF : 113942.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

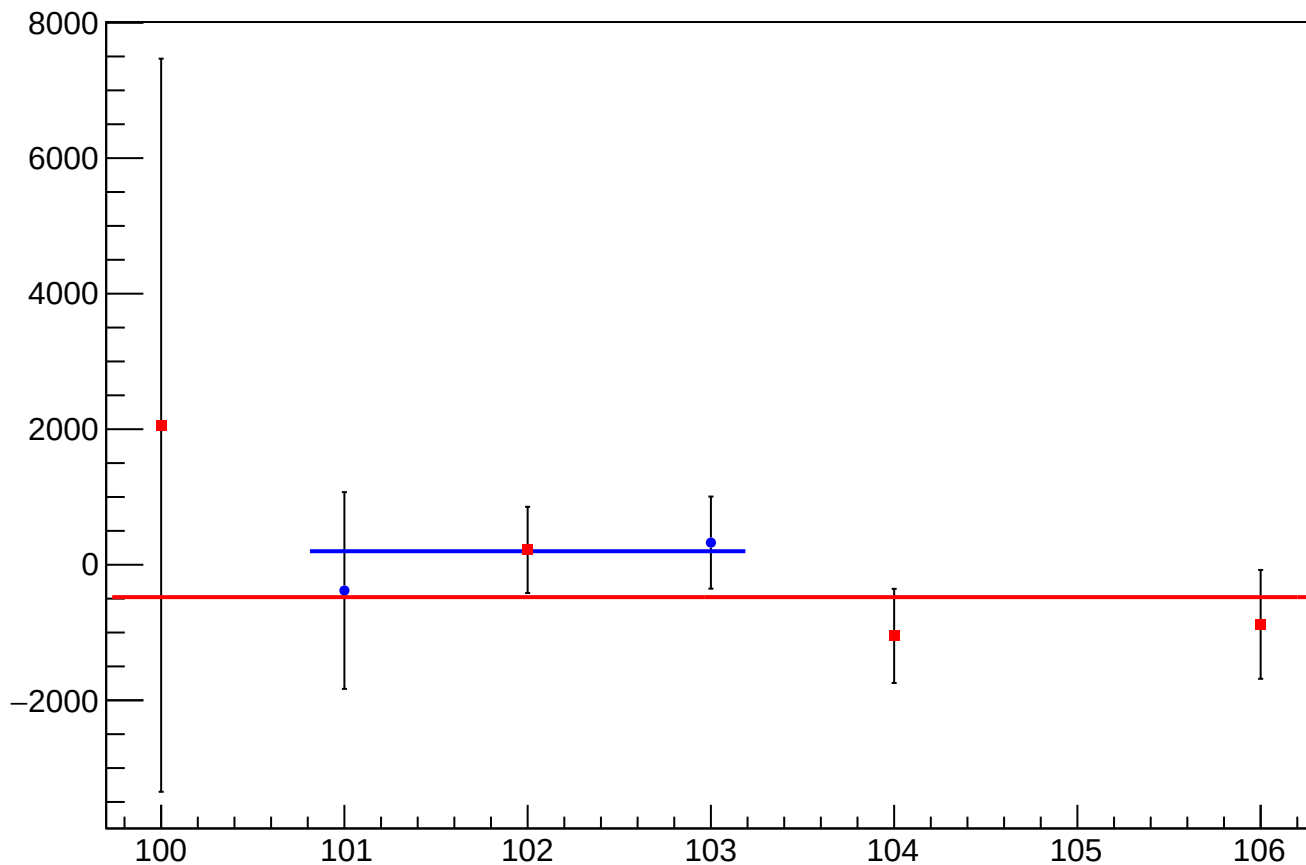
Right: 2814.838+/-1.288 χ^2/NDF : 508131.3/5

In: 2891.587+/-1.985 χ^2/NDF : 391610.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.838+/-1.288 χ^2/NDF : 508131.3/5

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.715+/-615.365 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -477.754+/-404.033 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

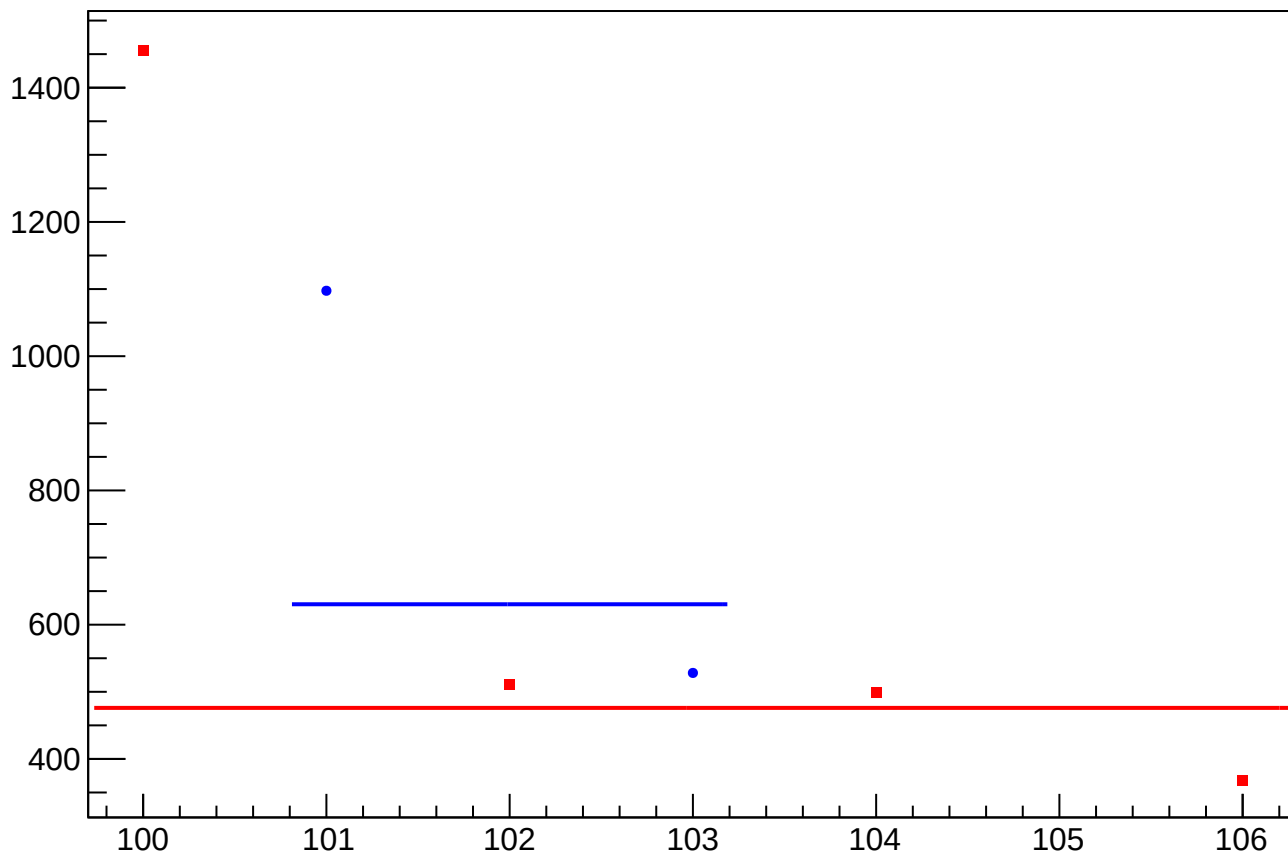
Right: -273.679+/-337.740 χ^2/NDF : 3.4/5

In: 199.715+/-615.365 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.679+/-337.740 χ^2/NDF : 3.4/5

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.425+/-0.435 χ^2/NDF : 252341.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.036+/-0.286 χ^2/NDF : 110058.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

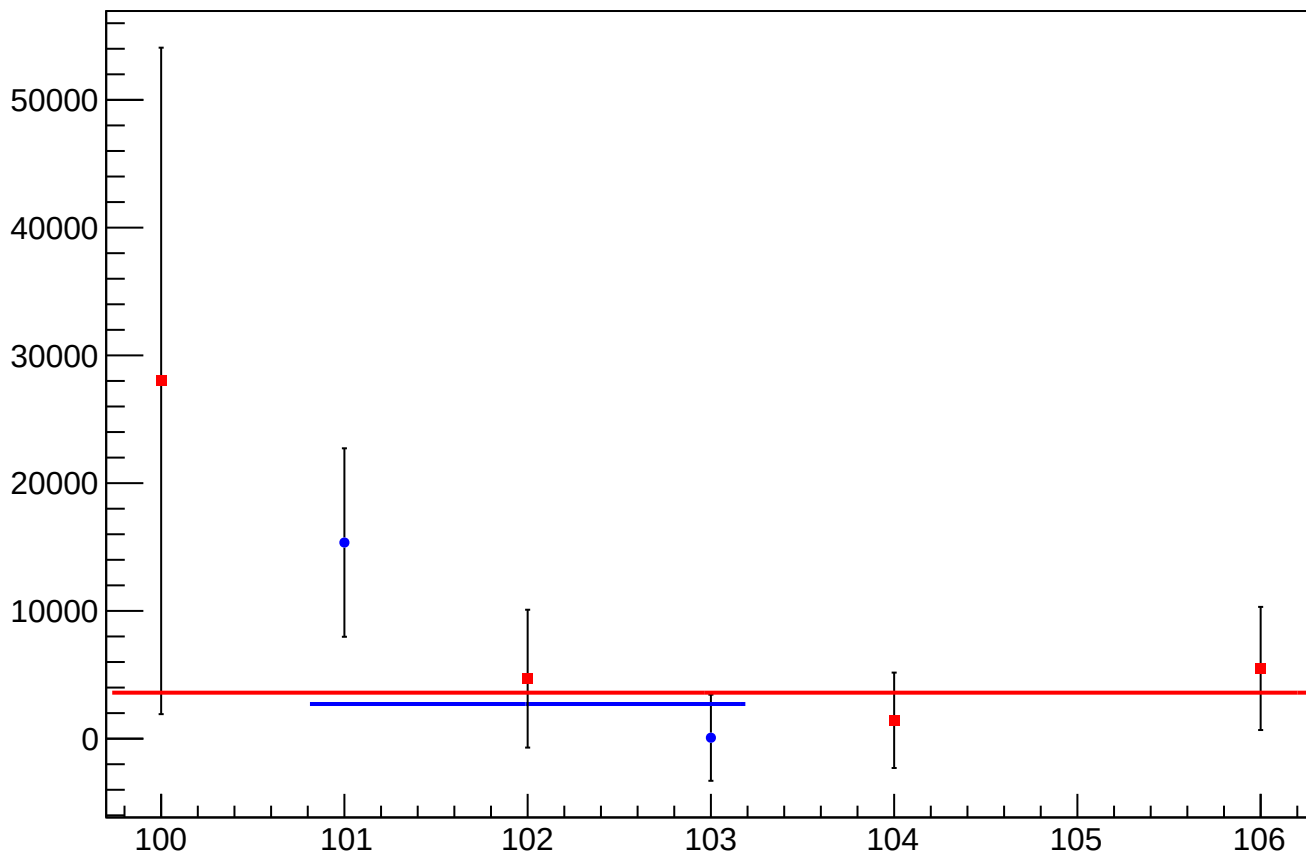
Right: 522.543+/-0.239 χ^2/NDF : 450368.0/5

In: 630.425+/-0.435 χ^2/NDF : 252341.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.543+/-0.239 χ^2/NDF : 450368.0/5

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2713.661+/-3065.886 χ^2/NDF : 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3600.676+/-2576.463 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

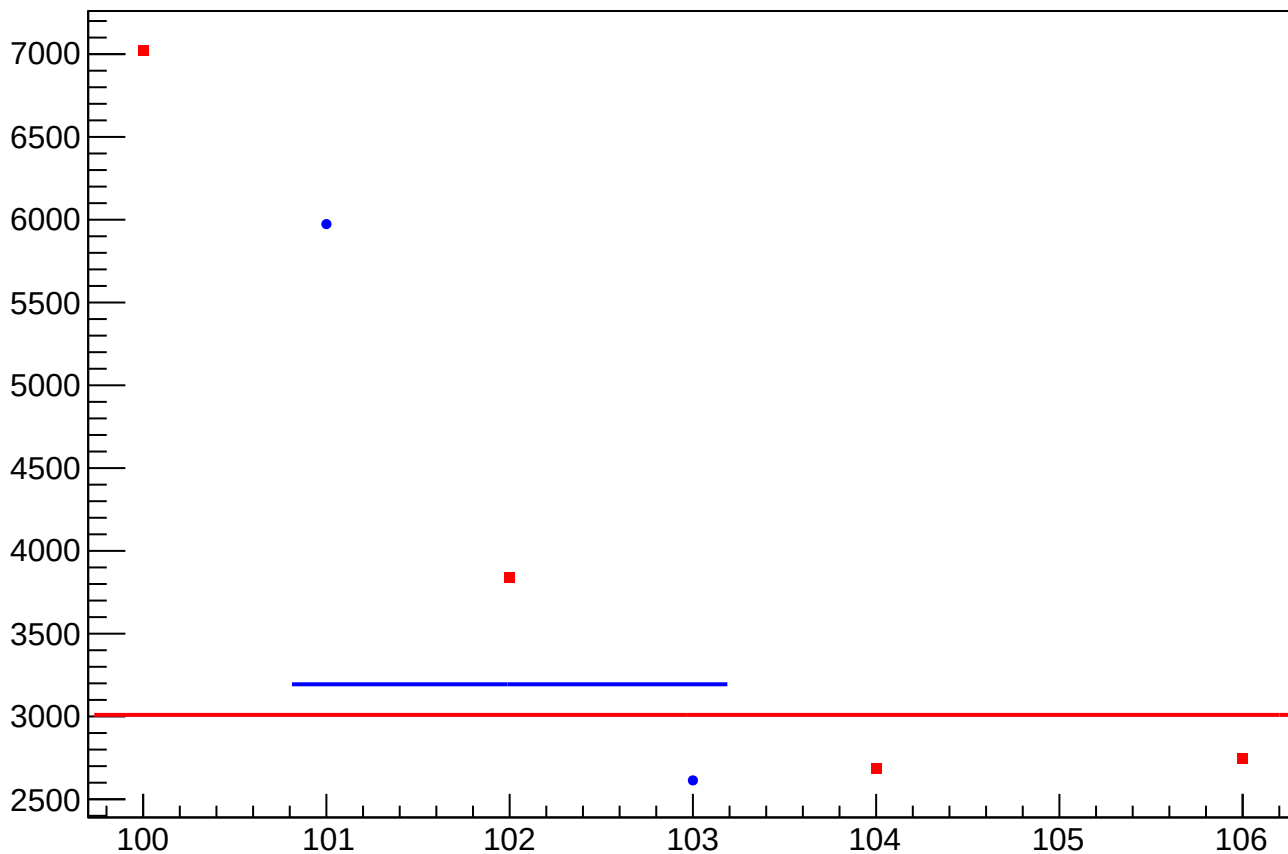
Right: 3233.535+/-1972.456 χ^2/NDF : 5.0/5

In: 2713.661+/-3065.886 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3233.535+/-1972.456 χ^2/NDF : 5.0/5

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3194.351+/-2.168 χ^2/NDF : 343268.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3009.399+/-1.822 χ^2/NDF : 115374.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

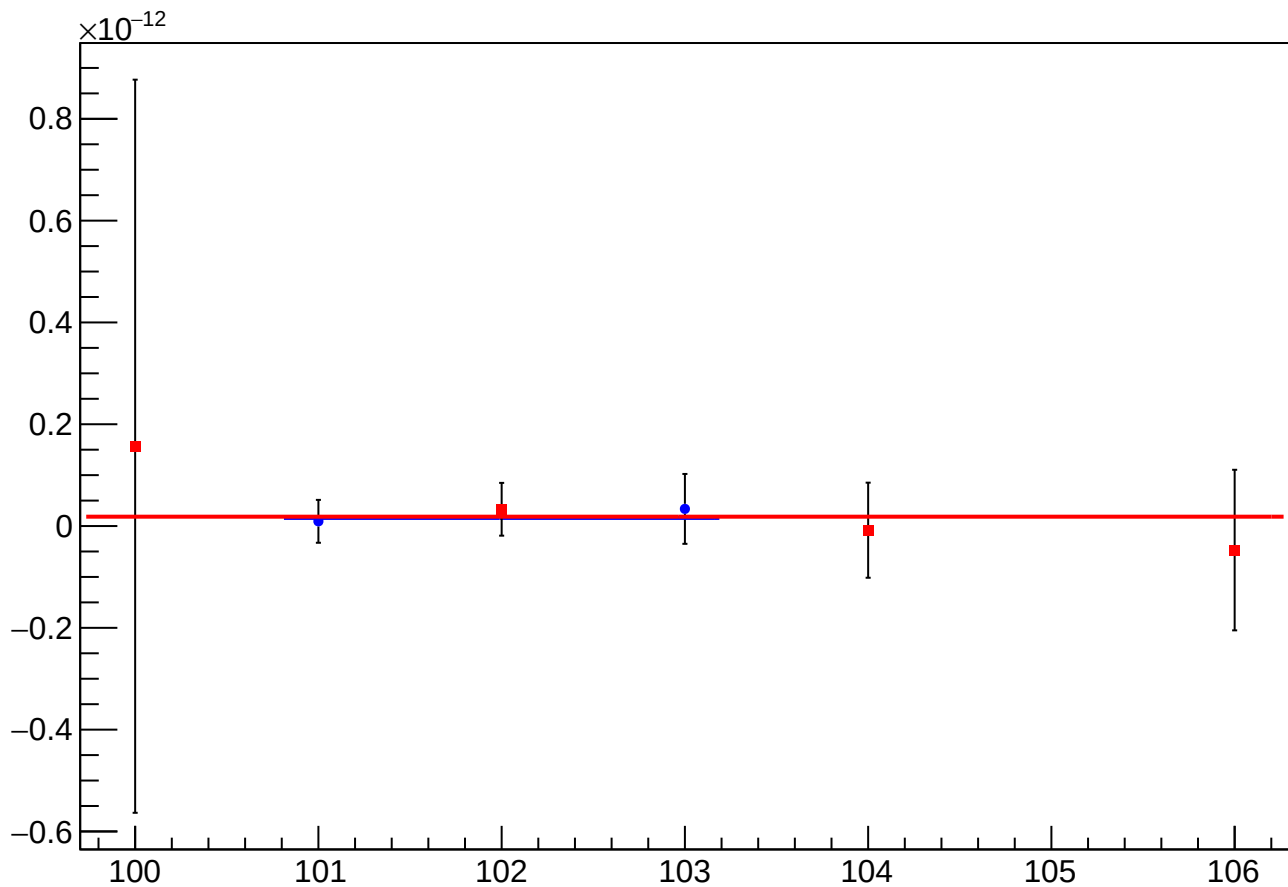
Right: 3085.949+/-1.395 χ^2/NDF : 462908.4/5

In: 3194.351+/-2.168 χ^2/NDF : 343268.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3085.949+/-1.395 χ^2/NDF : 462908.4/5

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

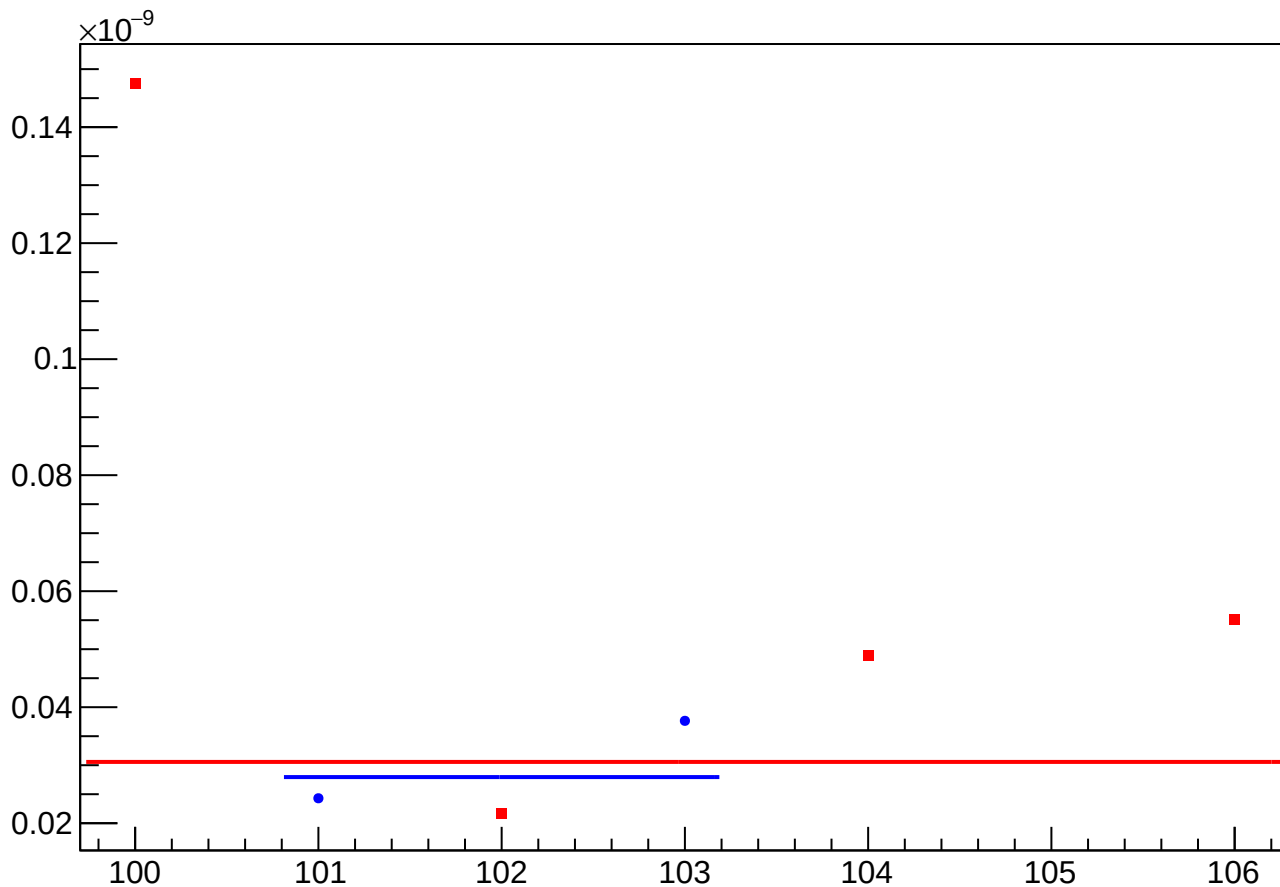
Right: 0.000+/-0.000 χ^2/NDF : 0.5/5

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.5/5

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 54958.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 237228.0/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

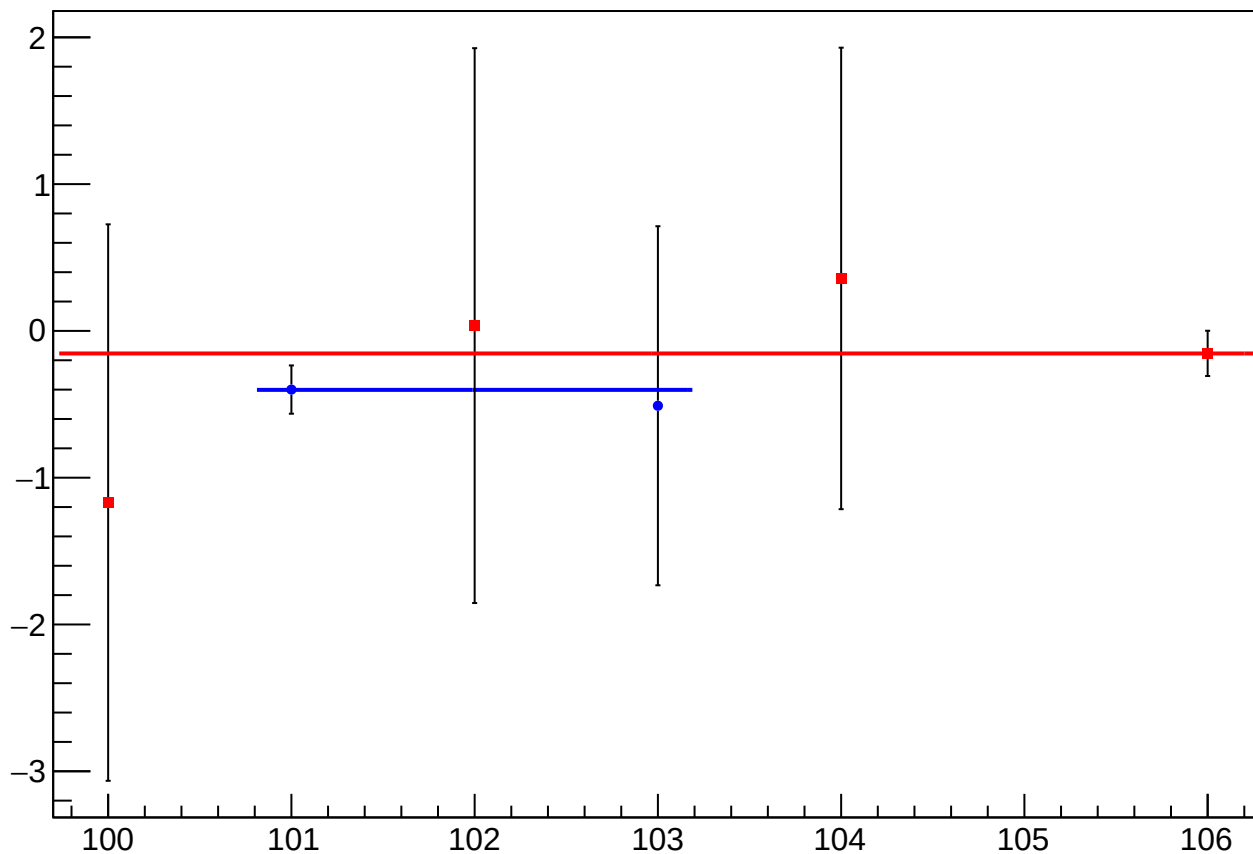
Right: 0.000+/-0.000 χ^2 /NDF: 296482.0/5

In: 0.000+/-0.000 χ^2 /NDF: 54958.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 296482.0/5

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.154 $\pm$ 0.152 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

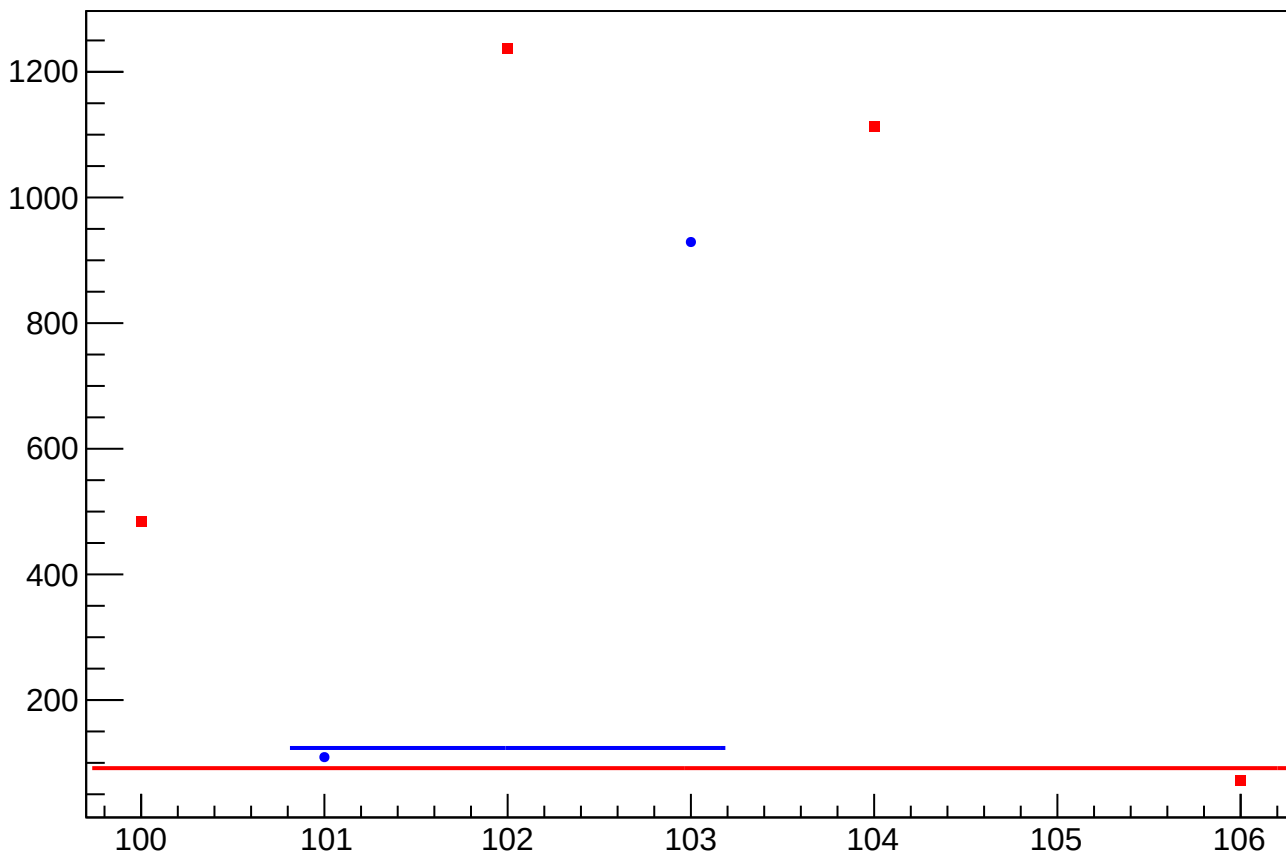
Right: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.690 $\pm$ 0.115 χ^2 /NDF: 883035.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.594 $\pm$ 0.108 χ^2 /NDF: 1698266.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

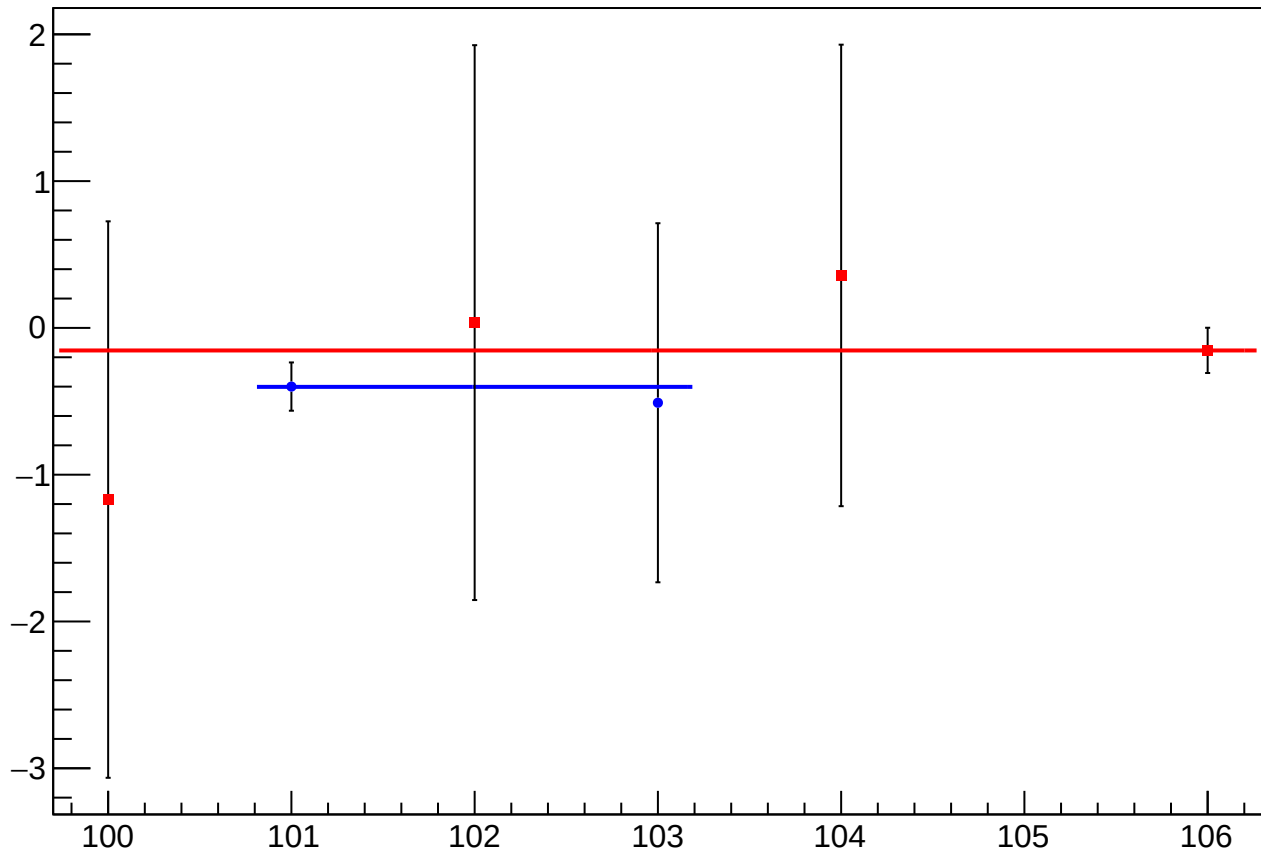
Right: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622674.9/5

In: 123.690 $\pm$ 0.115 χ^2 /NDF:883035.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622674.9/5

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.154 $\pm$ 0.152 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

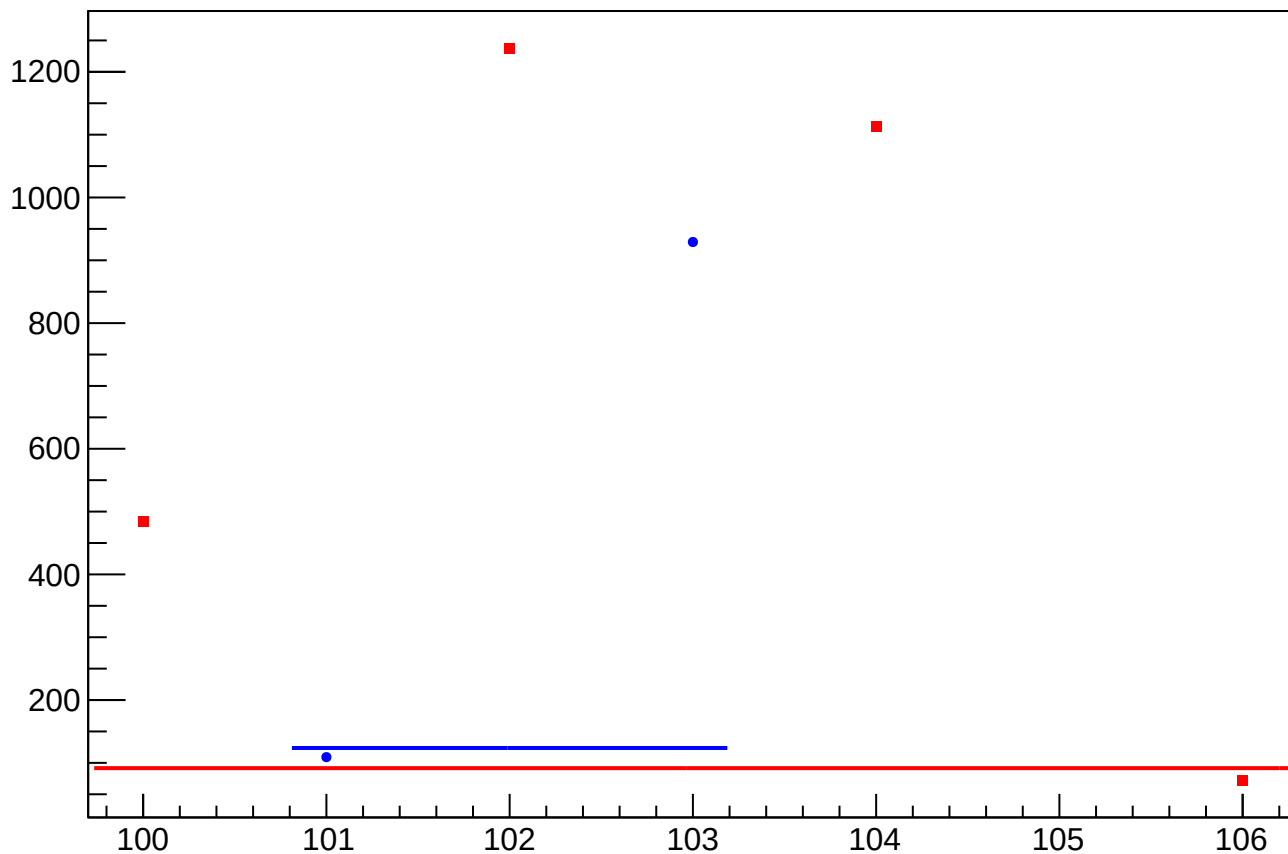
Right: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.690 $\pm$ 0.115 χ^2 /NDF: 883035.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.594 $\pm$ 0.108 χ^2 /NDF: 1698266.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

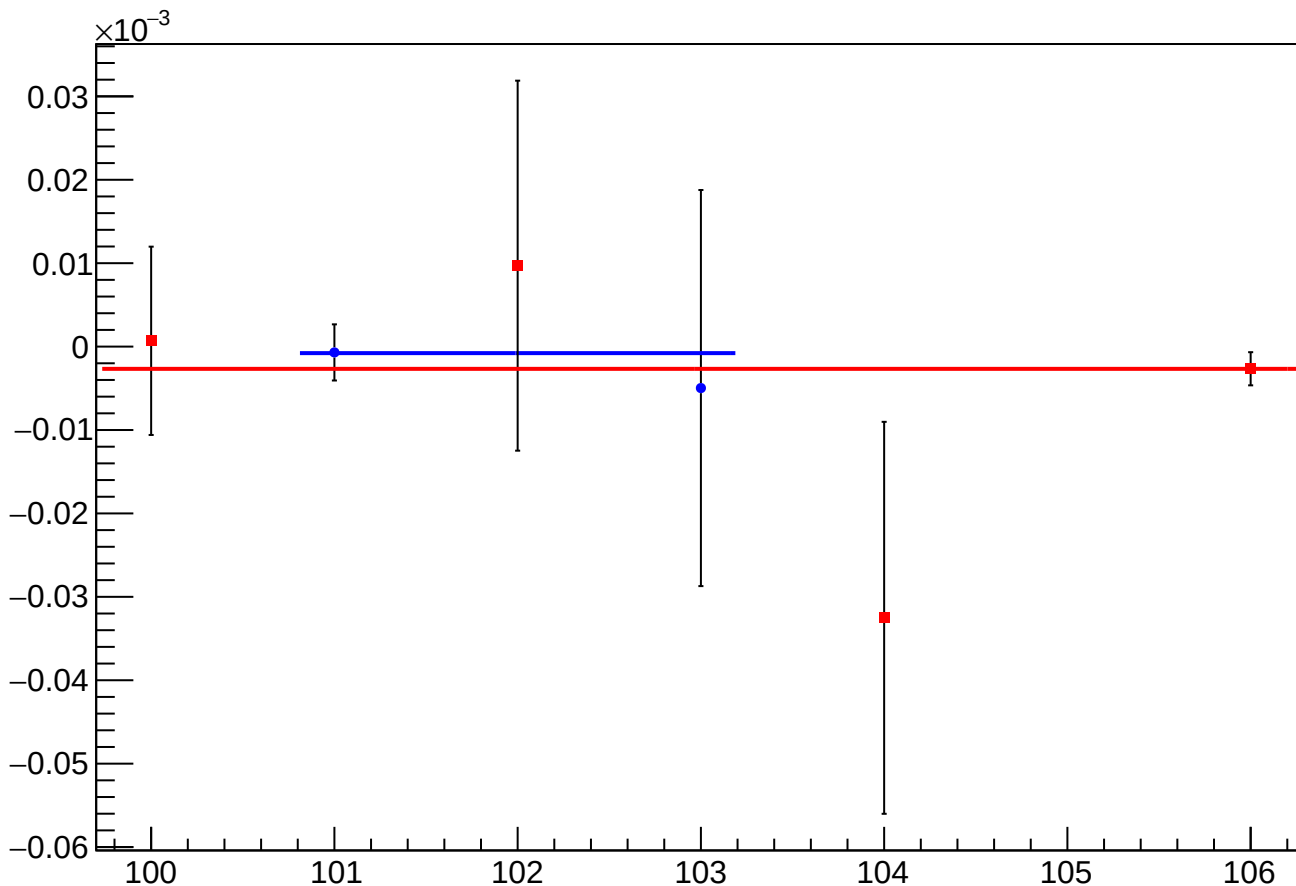
Right: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622674.9/5

In: 123.690 $\pm$ 0.115 χ^2 /NDF:883035.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622674.9/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

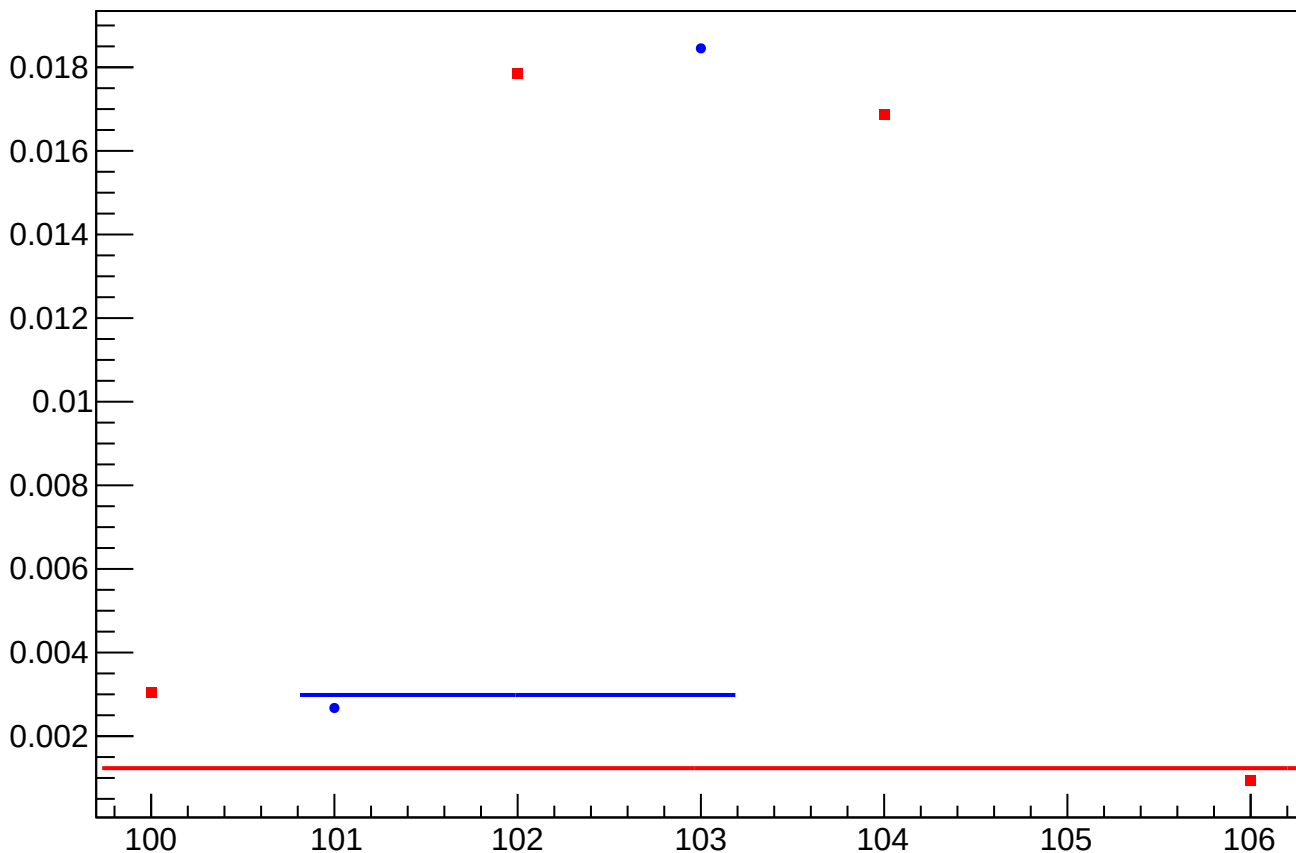
Right: -0.000+/-0.000 χ^2/NDF : 2.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.3/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 865767.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2105945.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

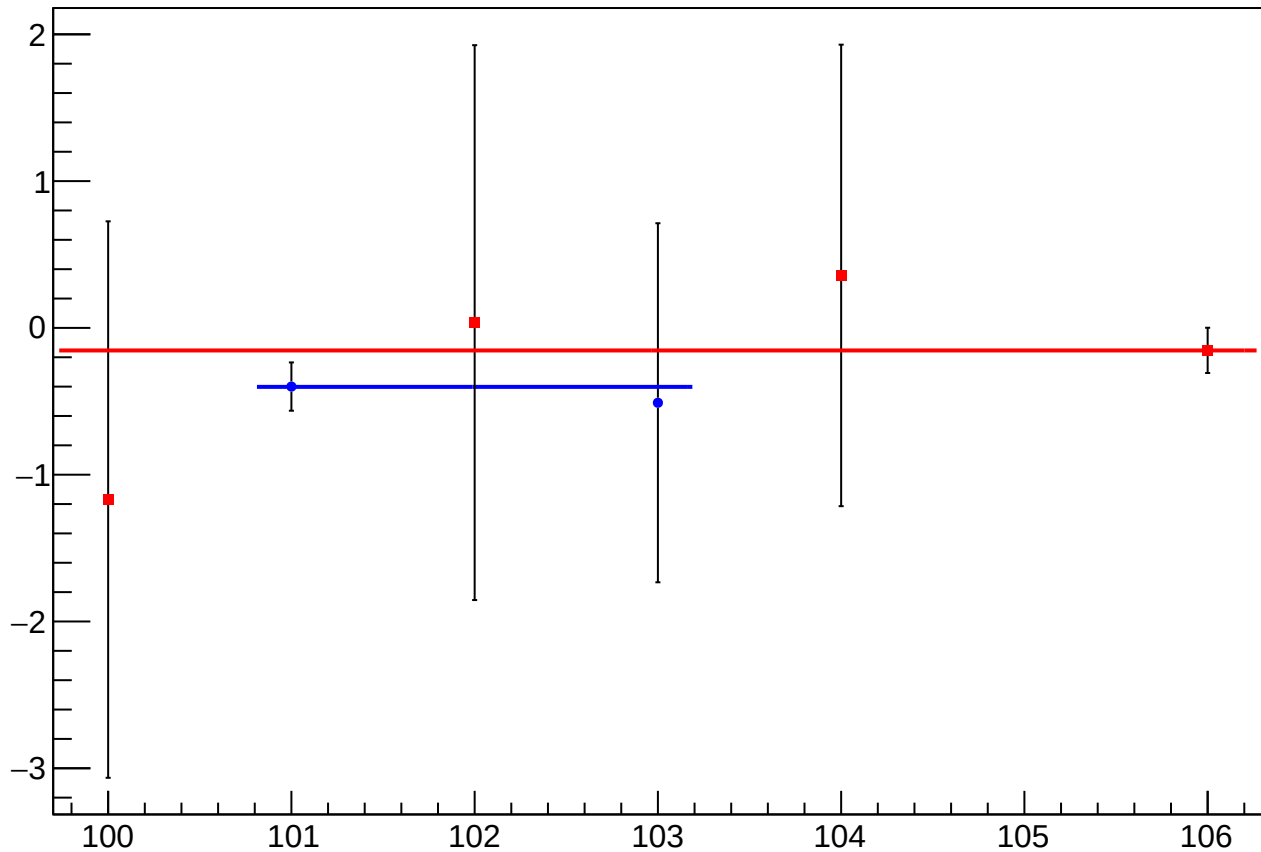
Right: 0.002+/-0.000 χ^2/NDF : 3383468.5/5

In: 0.003+/-0.000 χ^2/NDF :865767.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3383468.5/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.154 $\pm$ 0.152 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

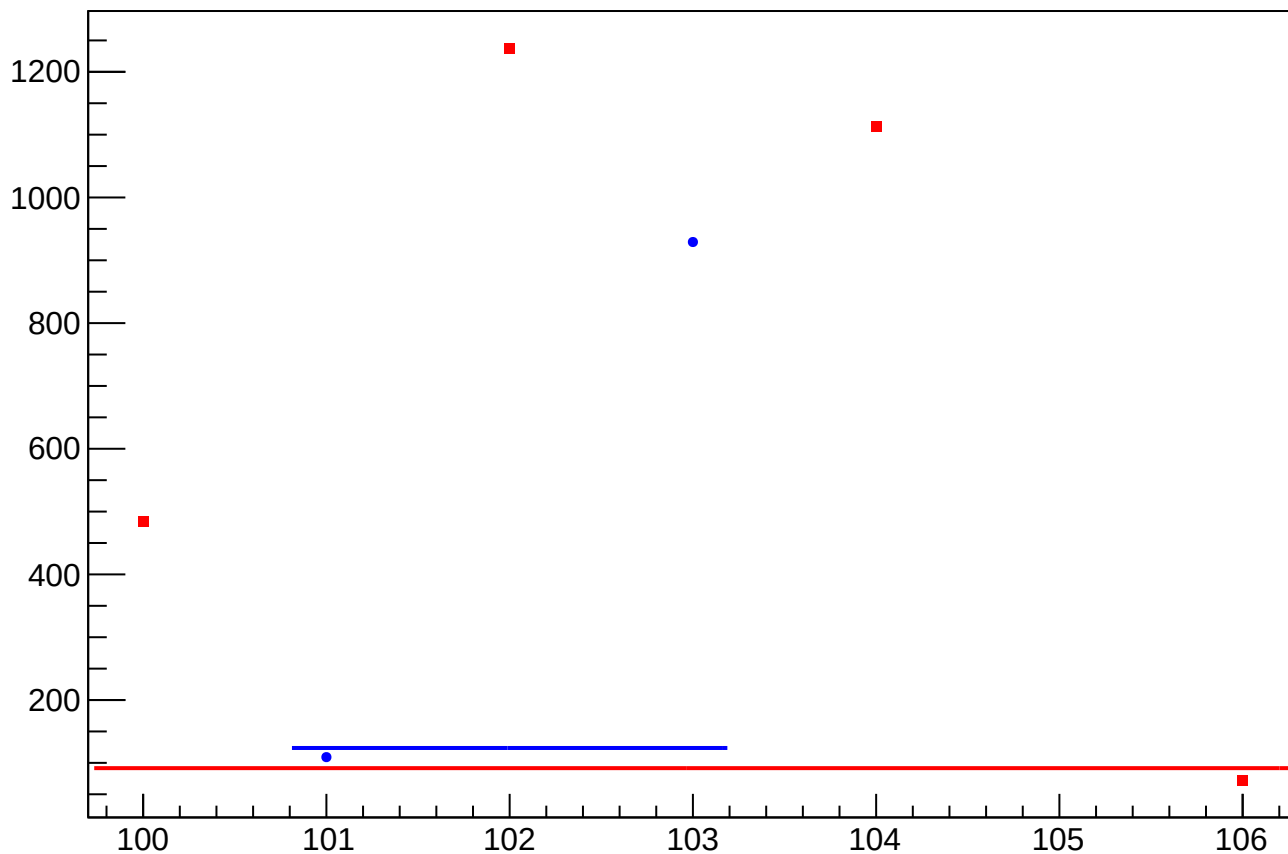
Right: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689 $\pm$ 0.115 χ^2 /NDF: 883033.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.593 $\pm$ 0.108 χ^2 /NDF: 1698257.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

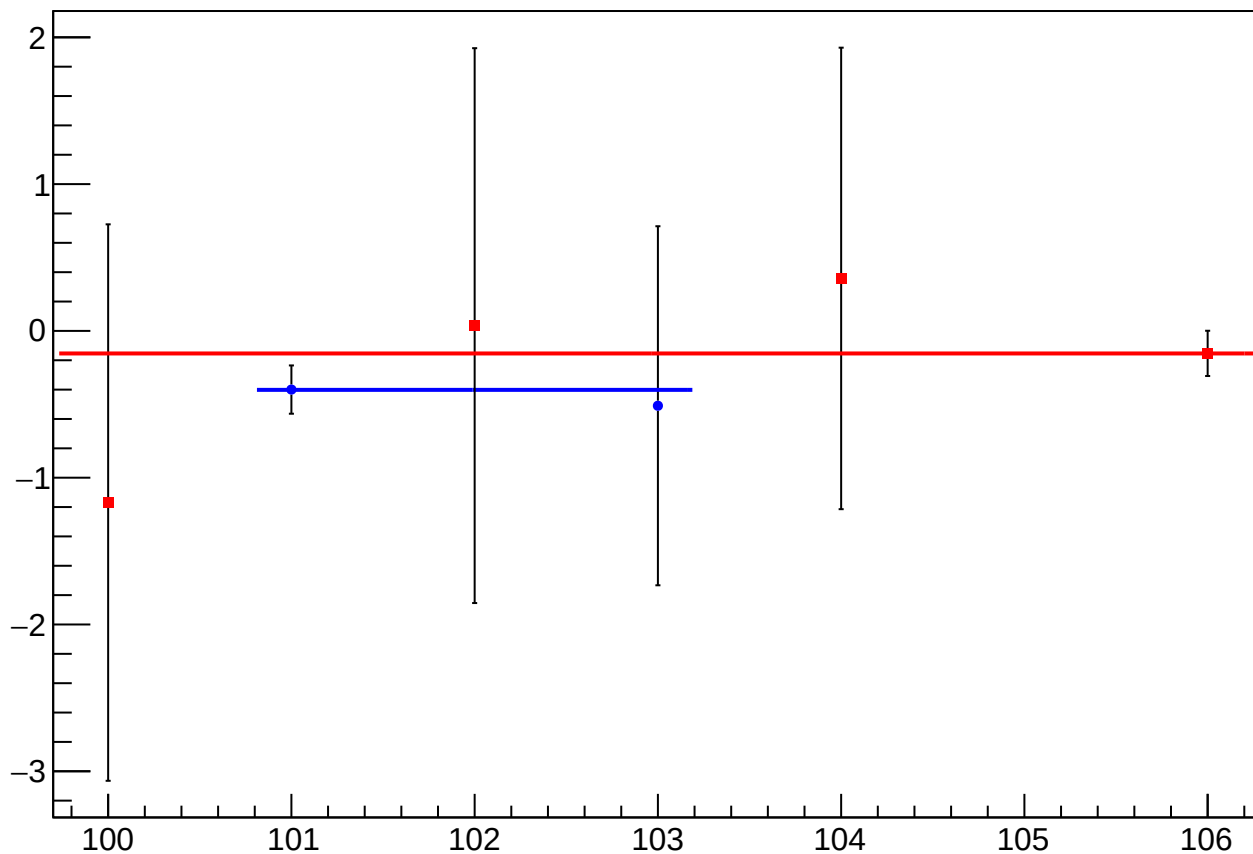
Right: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622663.9/5

In: 123.689 $\pm$ 0.115 χ^2 /NDF:883033.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622663.9/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.402 $\pm$ 0.163 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.154 $\pm$ 0.152 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

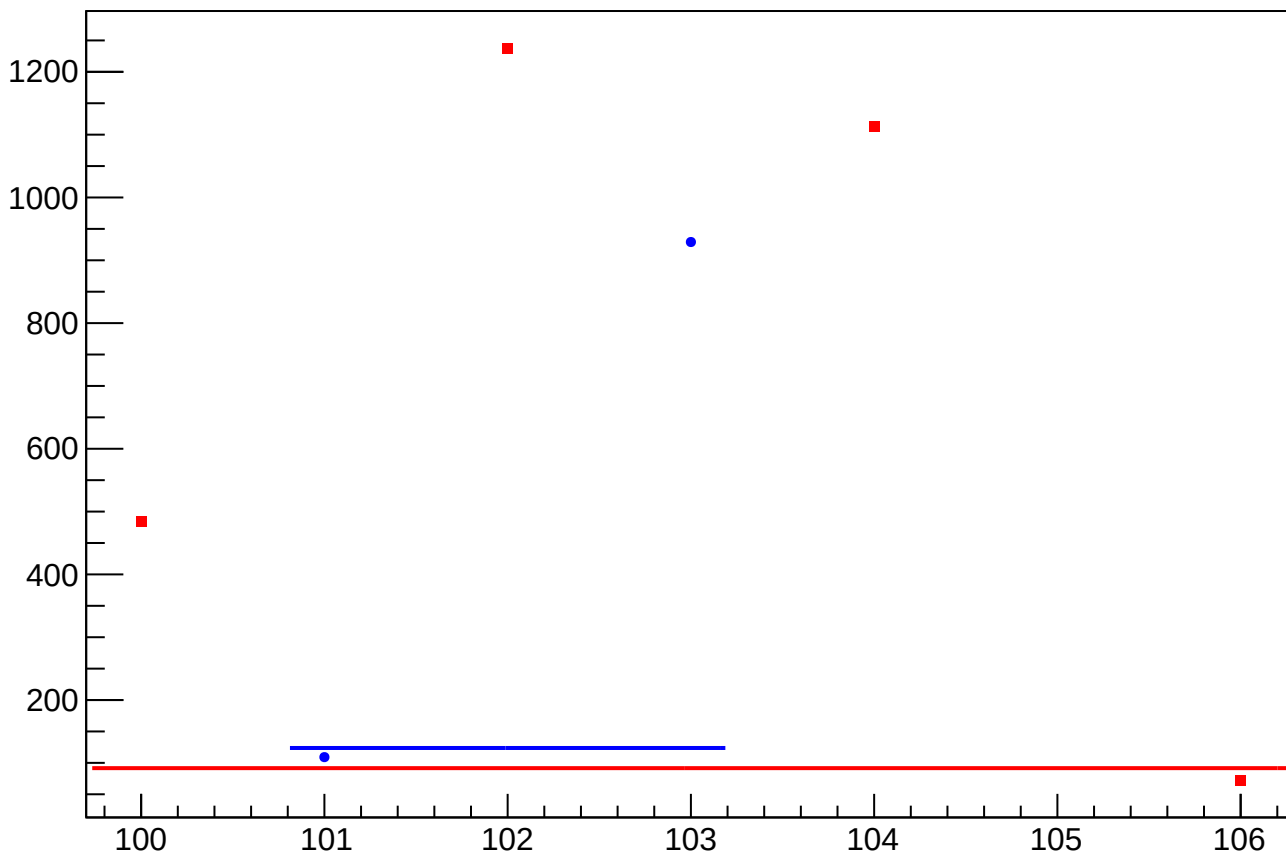
Right: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

In: -0.402 $\pm$ 0.163 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.269 $\pm$ 0.111 χ^2 /NDF: 1.6/5

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689 $\pm$ 0.115 χ^2 /NDF: 883033.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.593 $\pm$ 0.108 χ^2 /NDF: 1698257.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

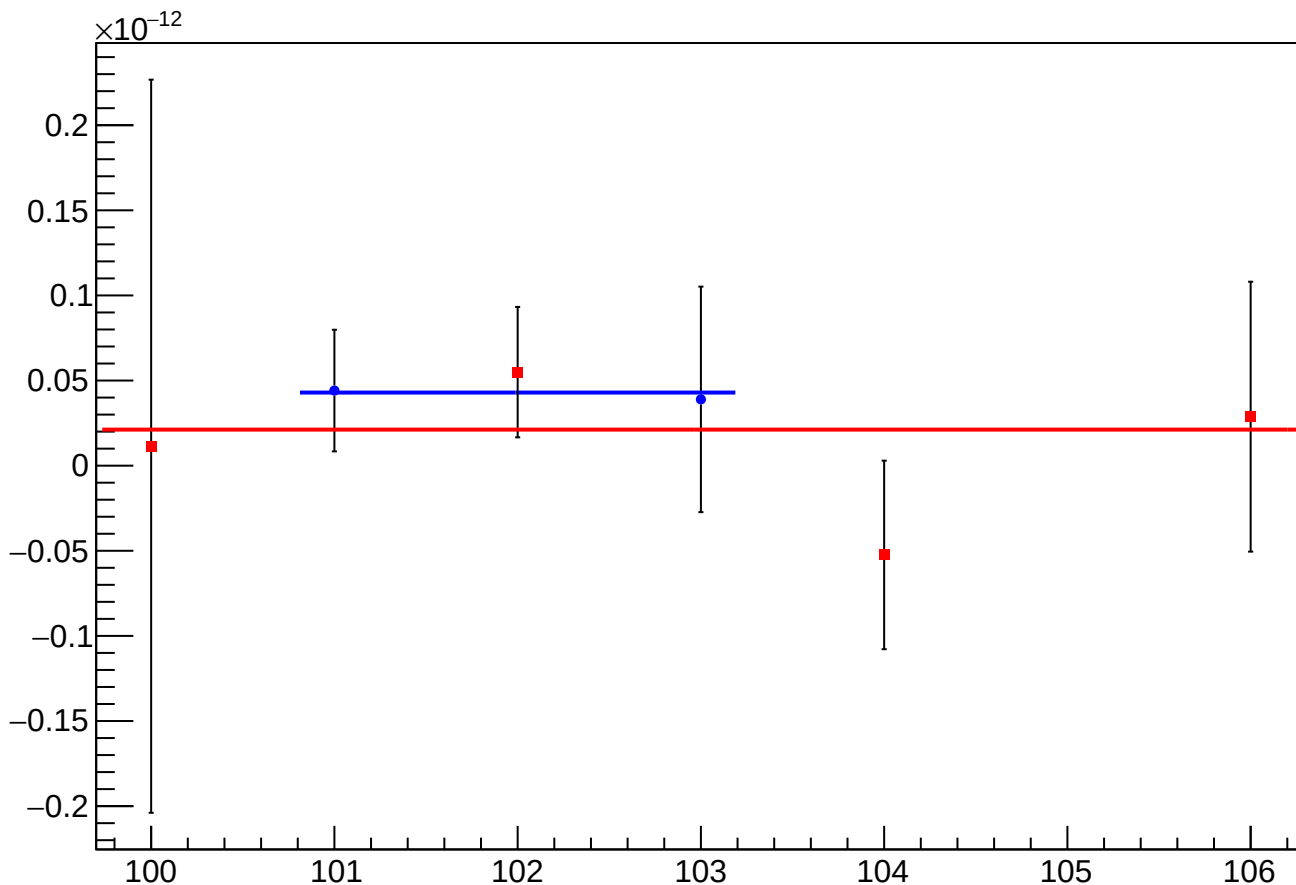
Right: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622663.9/5

In: 123.689 $\pm$ 0.115 χ^2 /NDF: 883033.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.566 $\pm$ 0.079 χ^2 /NDF: 2622663.9/5

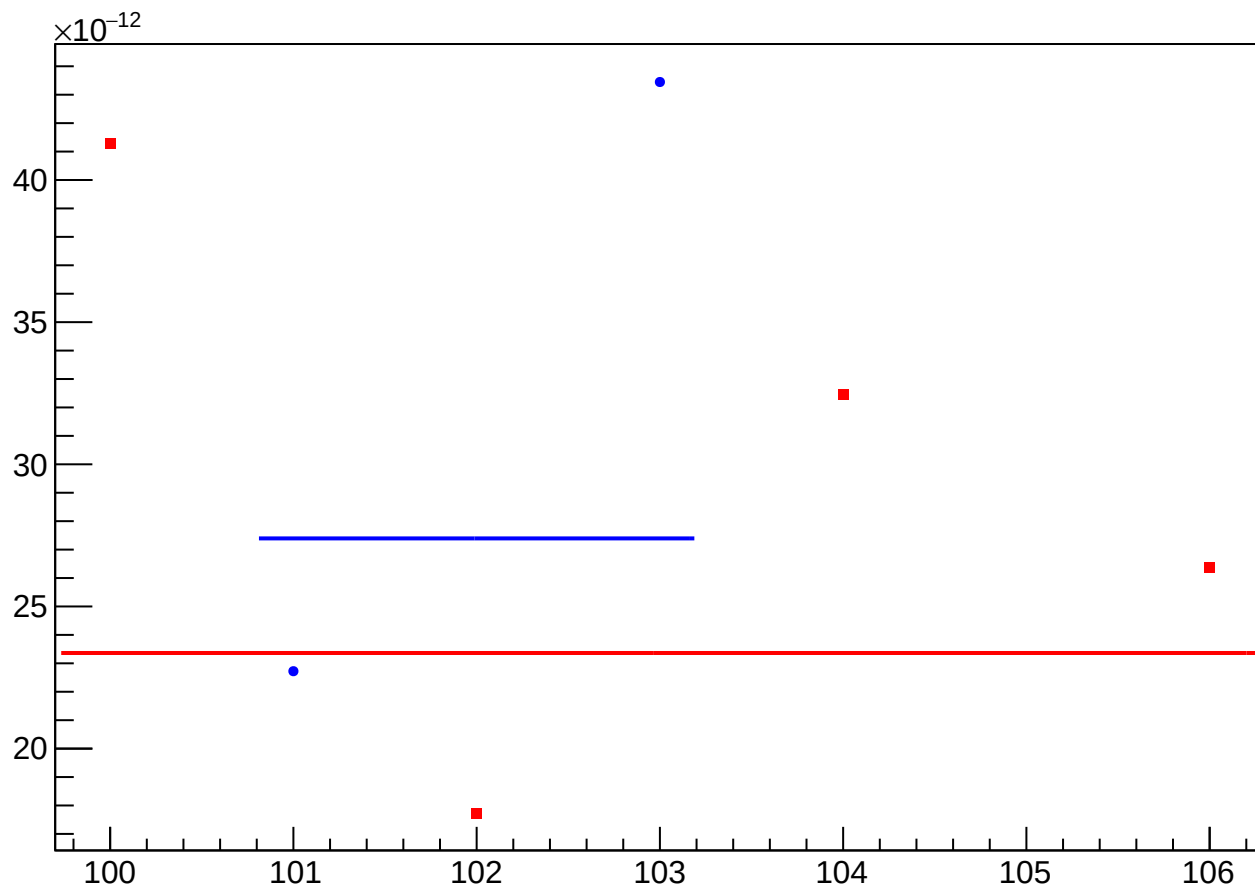
asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 2.6/3$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.000 ± 0.000 $\chi^2/\text{NDF}: 2.8/5$
 In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 2.8/5$

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 151688.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113988.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

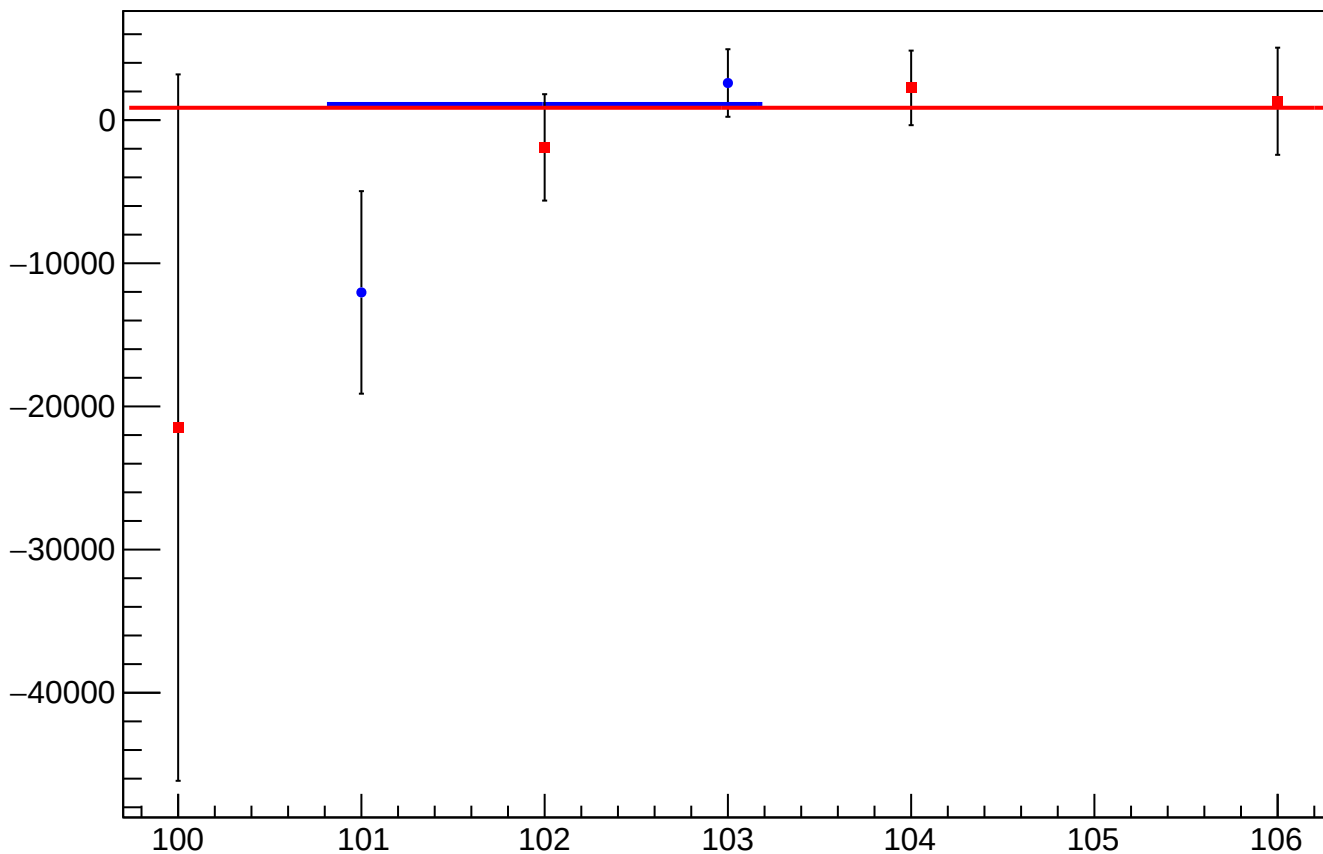
Right: 0.000+/-0.000 χ^2/NDF : 283425.6/5

In: 0.000+/-0.000 χ^2/NDF : 151688.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 283425.6/5

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1126.737 $\pm$ 2238.470 χ^2 /NDF: 3.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 862.429 $\pm$ 1847.732 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

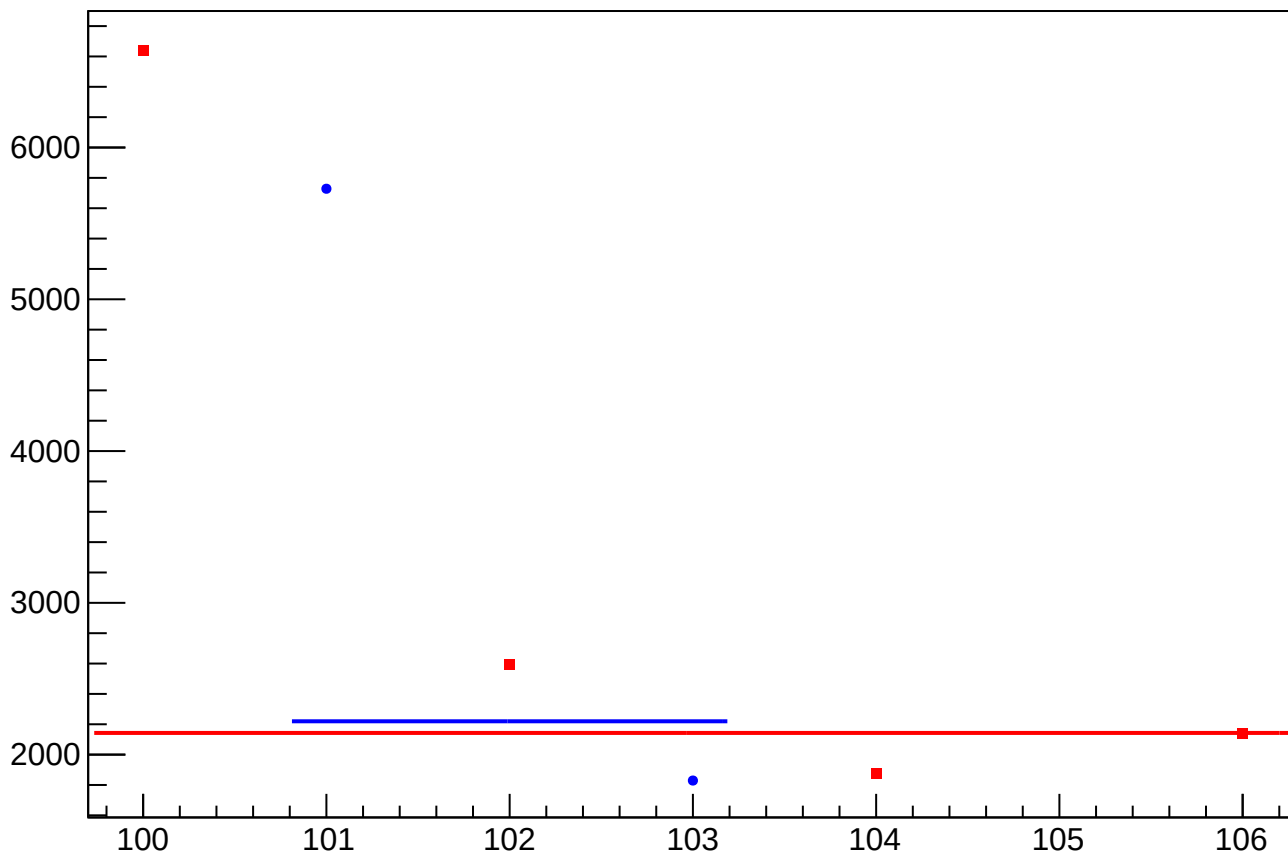
Right: 969.538 $\pm$ 1424.980 χ^2 /NDF: 5.5/5

In: 1126.737 $\pm$ 2238.470 χ^2 /NDF:3.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 969.538 $\pm$ 1424.980 χ^2 /NDF: 5.5/5

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.604+/-1.583 χ^2/NDF : 546784.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2142.884+/-1.307 χ^2/NDF : 117635.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

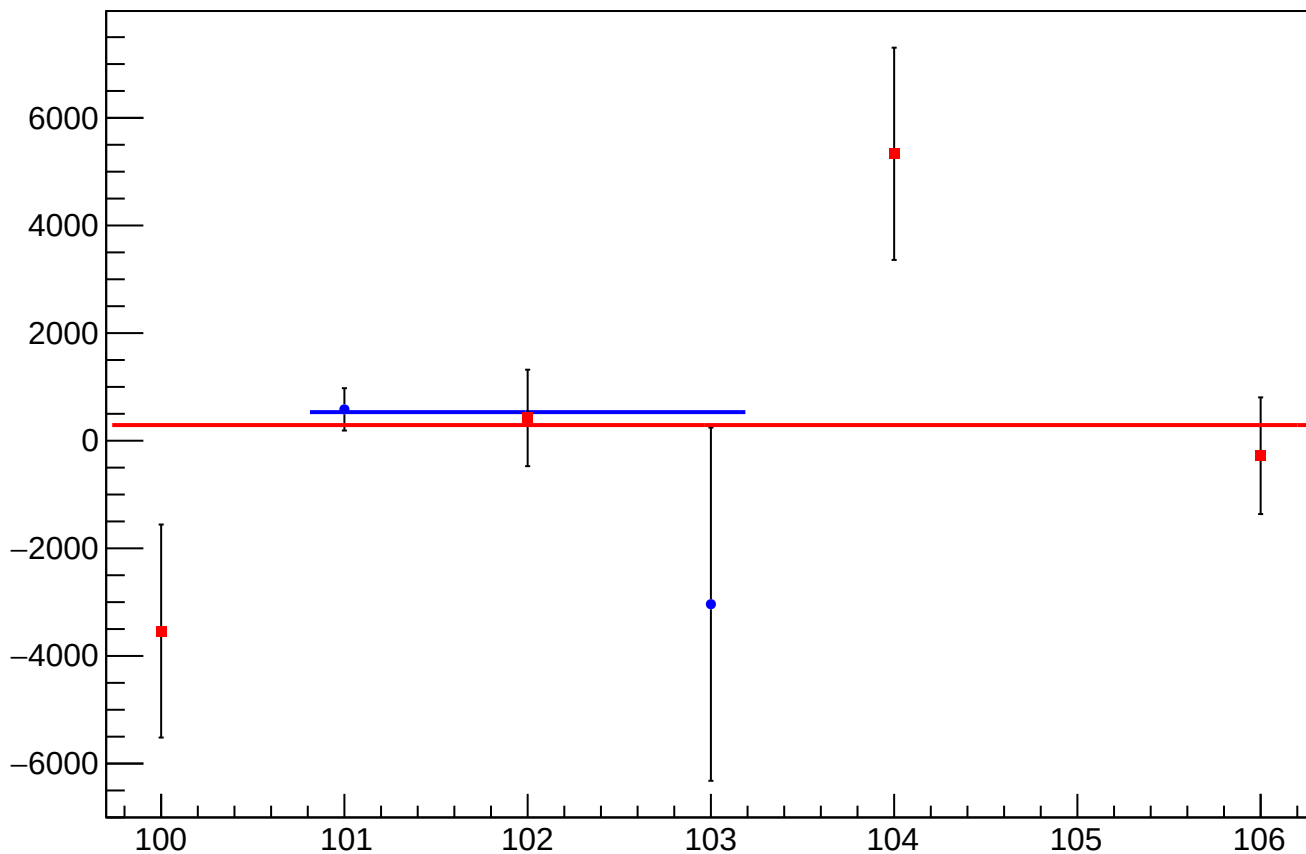
Right: 2173.973+/-1.008 χ^2/NDF : 665816.5/5

In: 2219.604+/-1.583 χ^2/NDF : 546784.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.973+/-1.008 χ^2/NDF : 665816.5/5

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 531.401+/-390.676 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 290.847+/-619.270 χ^2/NDF : 10.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

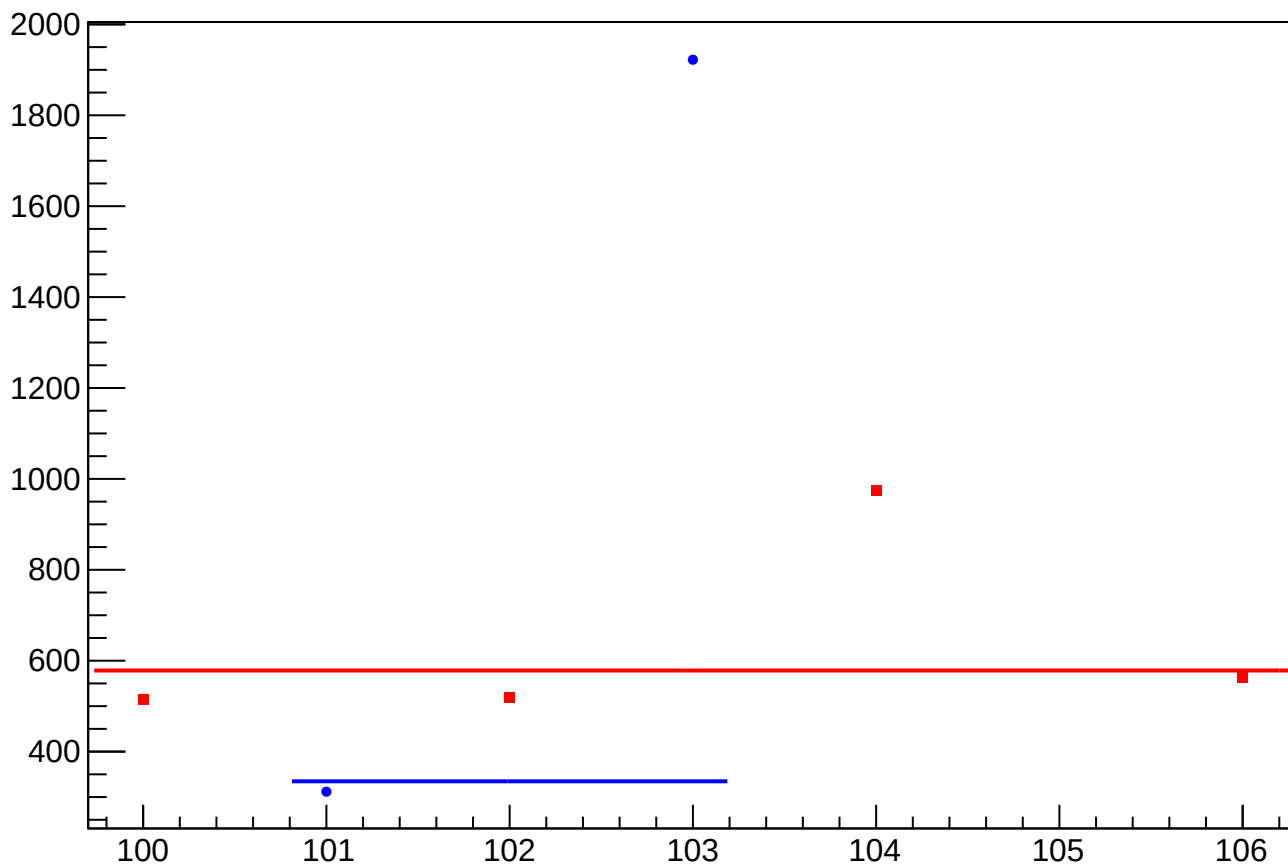
Right: 462.918+/-330.418 χ^2/NDF : 11.9/5

In: 531.401+/-390.676 χ^2/NDF :1.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 462.918+/-330.418 χ^2/NDF : 11.9/5

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 334.665 ± 0.276 $\chi^2/\text{NDF}: 474654.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 578.423 ± 0.438 $\chi^2/\text{NDF}: 91447.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

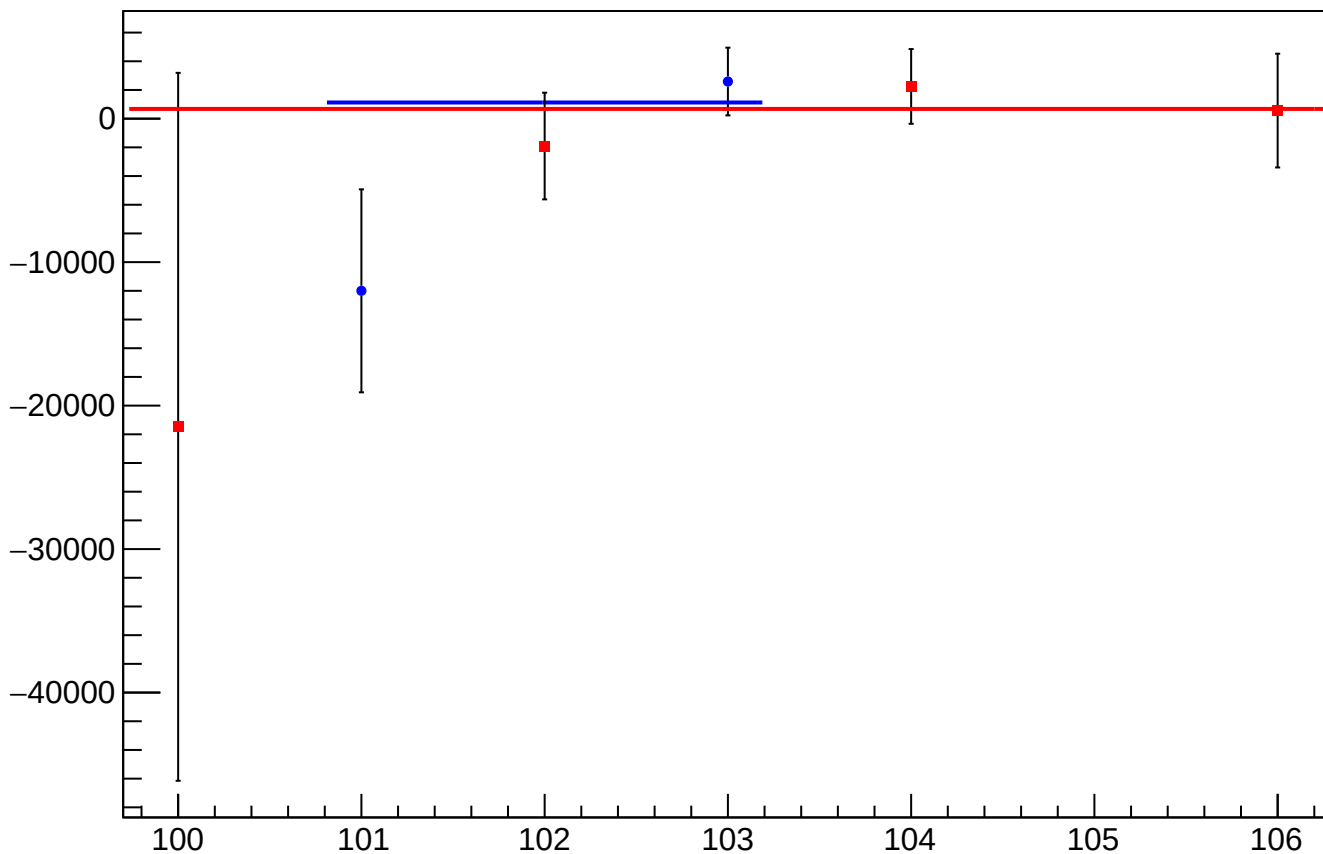
Right: 404.060 ± 0.234 $\chi^2/\text{NDF}: 787759.7/5$

In: 334.665 ± 0.276 $\chi^2/\text{NDF}: 474654.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 404.060 ± 0.234 $\chi^2/\text{NDF}: 787759.7/5$

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1127.726+/-2238.472 χ^2 /NDF: 3.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 679.323+/-1872.761 χ^2 /NDF: 1.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

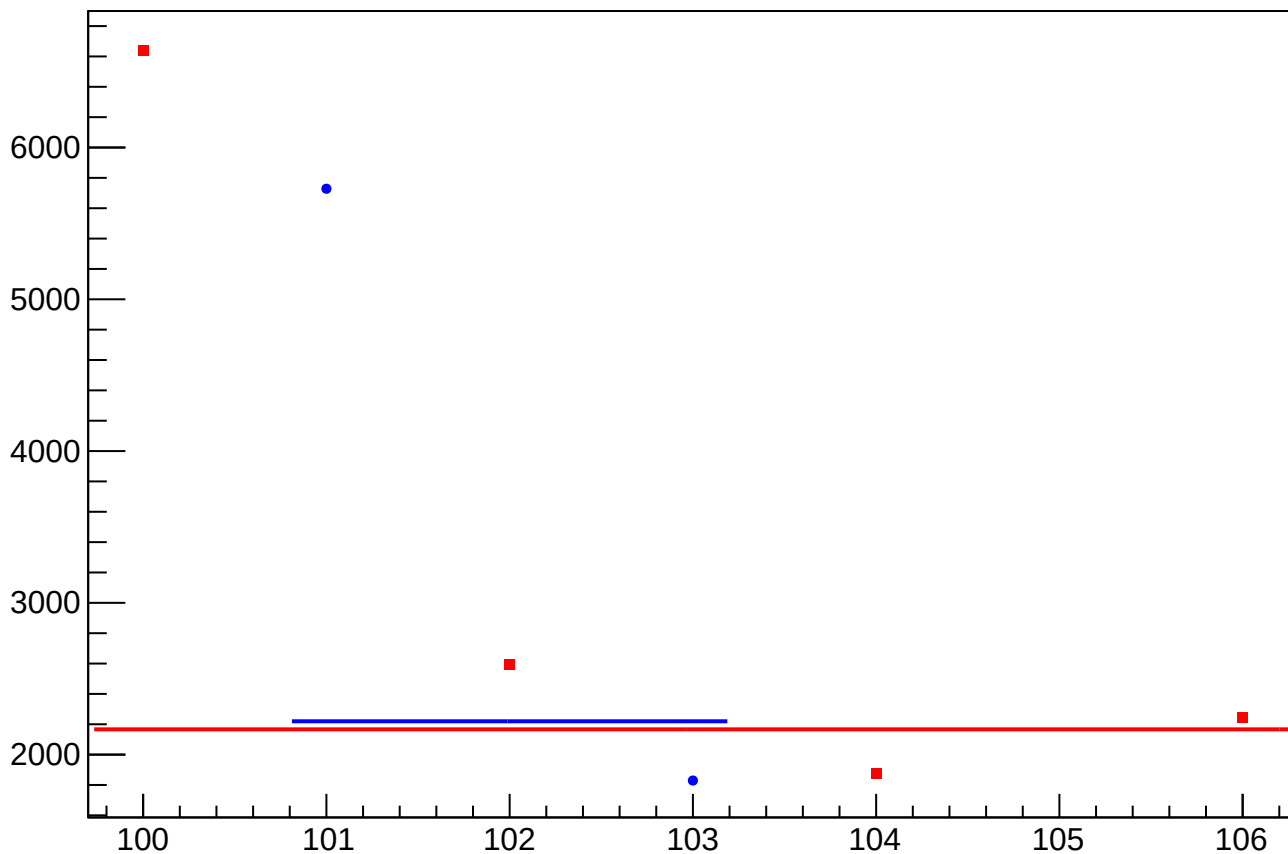
Right: 863.951+/-1436.367 χ^2 /NDF: 5.5/5

In: 1127.726+/-2238.472 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 863.951+/-1436.367 χ^2 /NDF: 5.5/5

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.509+/-1.324 χ^2/NDF : 118549.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

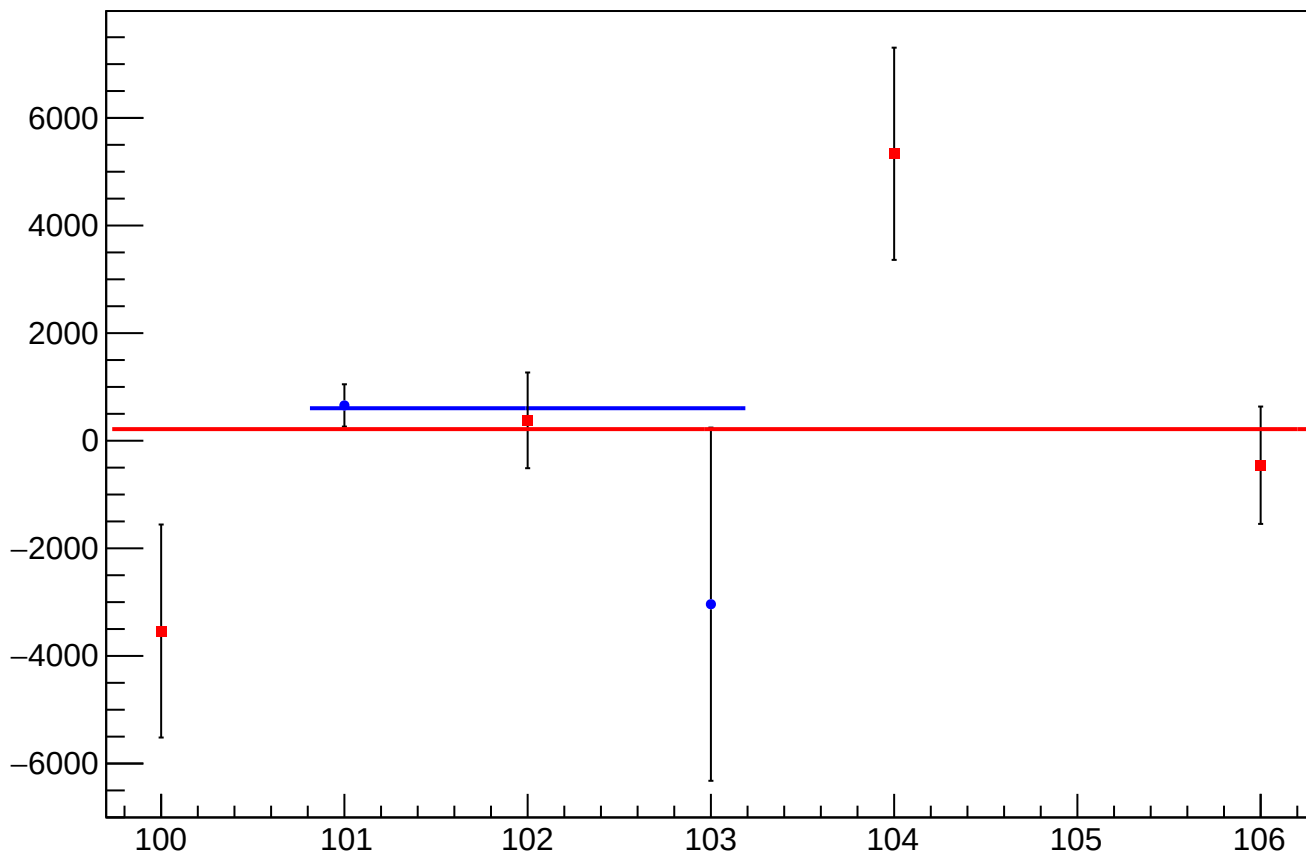
Right: 2188.370+/-1.016 χ^2/NDF : 665996.2/5

In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.370+/-1.016 χ^2/NDF : 665996.2/5

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 604.014 $\pm$ 390.250 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 215.787 $\pm$ 618.163 χ^2 /NDF: 10.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

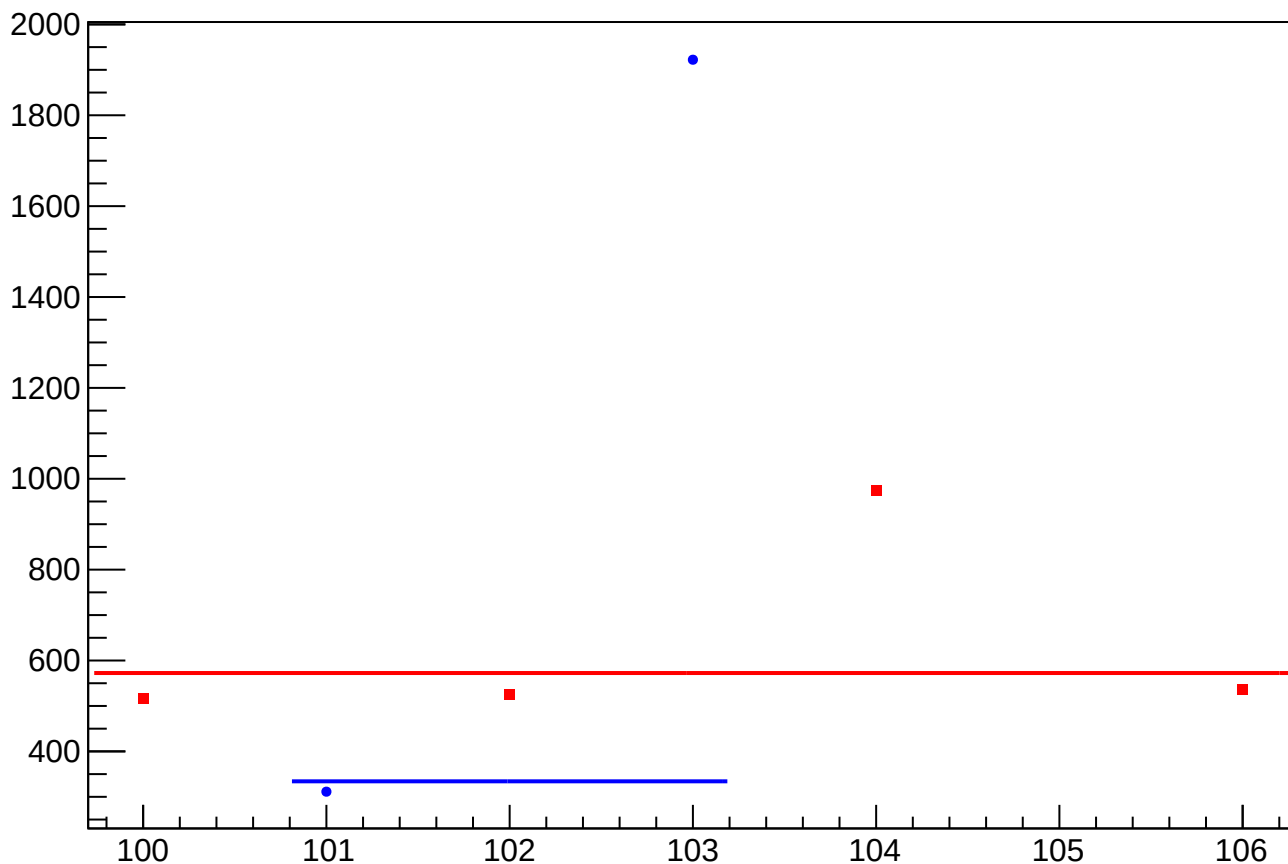
Right: 493.380 $\pm$ 329.993 χ^2 /NDF: 12.3/5

In: 604.014 $\pm$ 390.250 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 493.380 $\pm$ 329.993 χ^2 /NDF: 12.3/5

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.474+/-0.437 χ^2/NDF : 92251.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

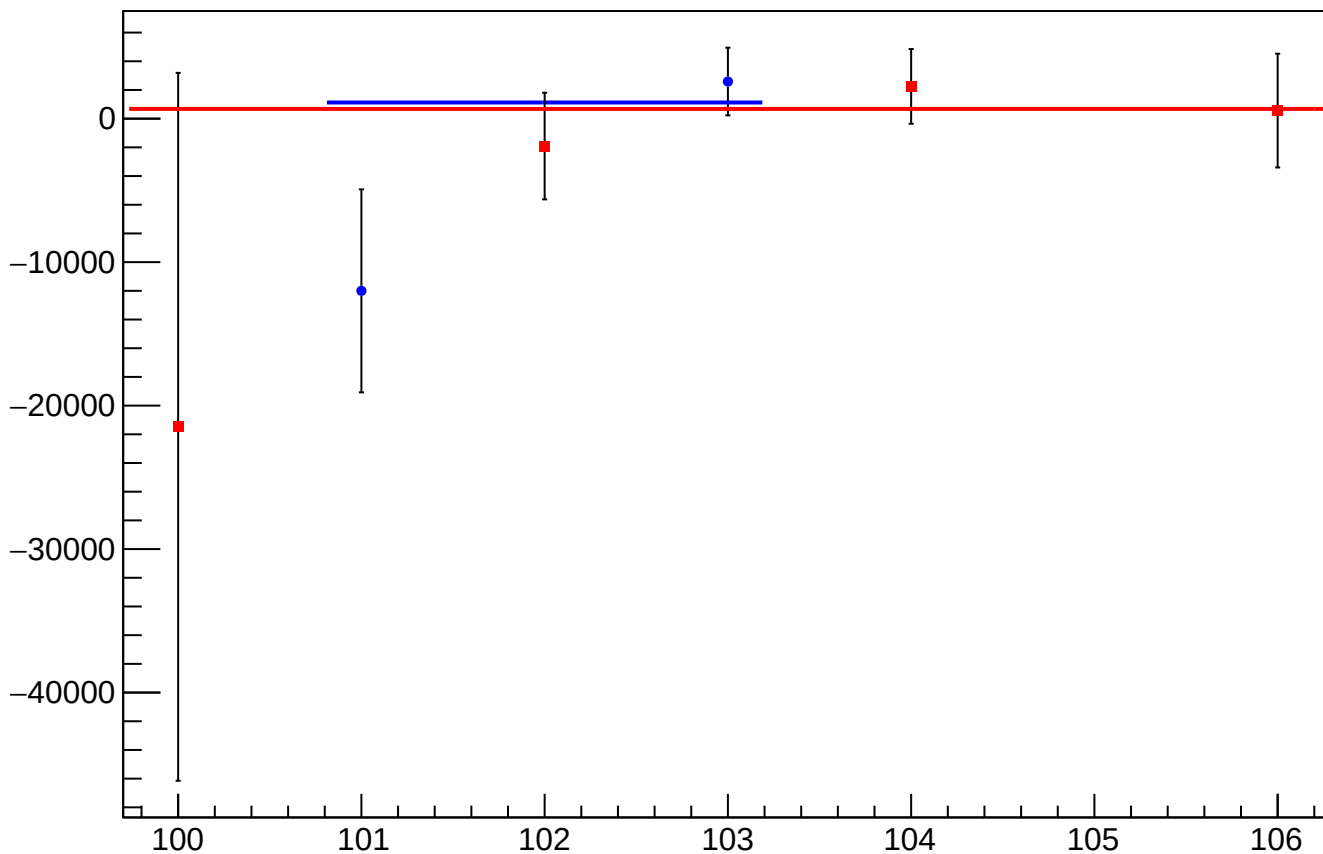
Right: 402.045+/-0.233 χ^2/NDF : 779788.7/5

In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.045+/-0.233 χ^2/NDF : 779788.7/5

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1127.726+/-2238.472 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 679.323+/-1872.761 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

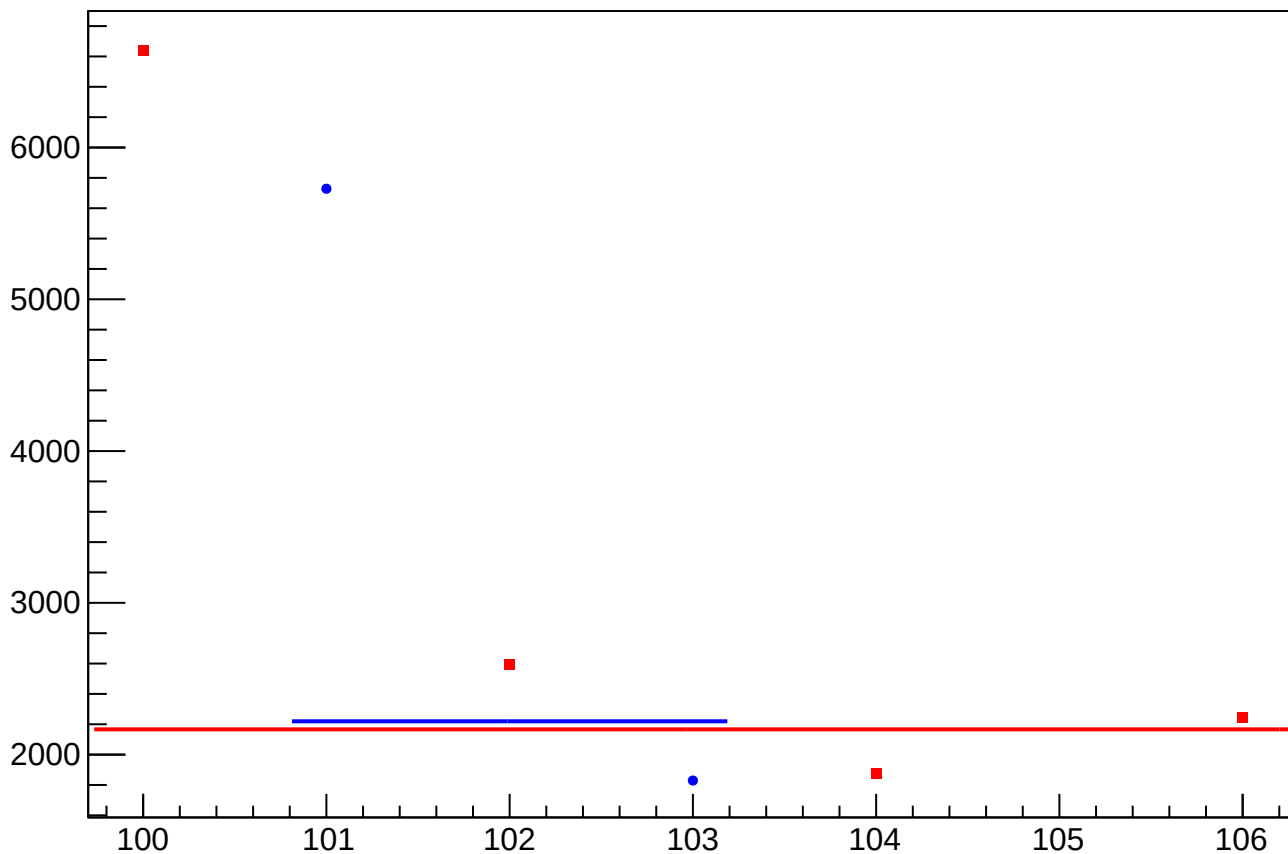
Right: 863.951+/-1436.367 χ^2/NDF : 5.5/5

In: 1127.726+/-2238.472 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.951+/-1436.367 χ^2/NDF : 5.5/5

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2166.509+/-1.324 χ^2/NDF : 118549.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

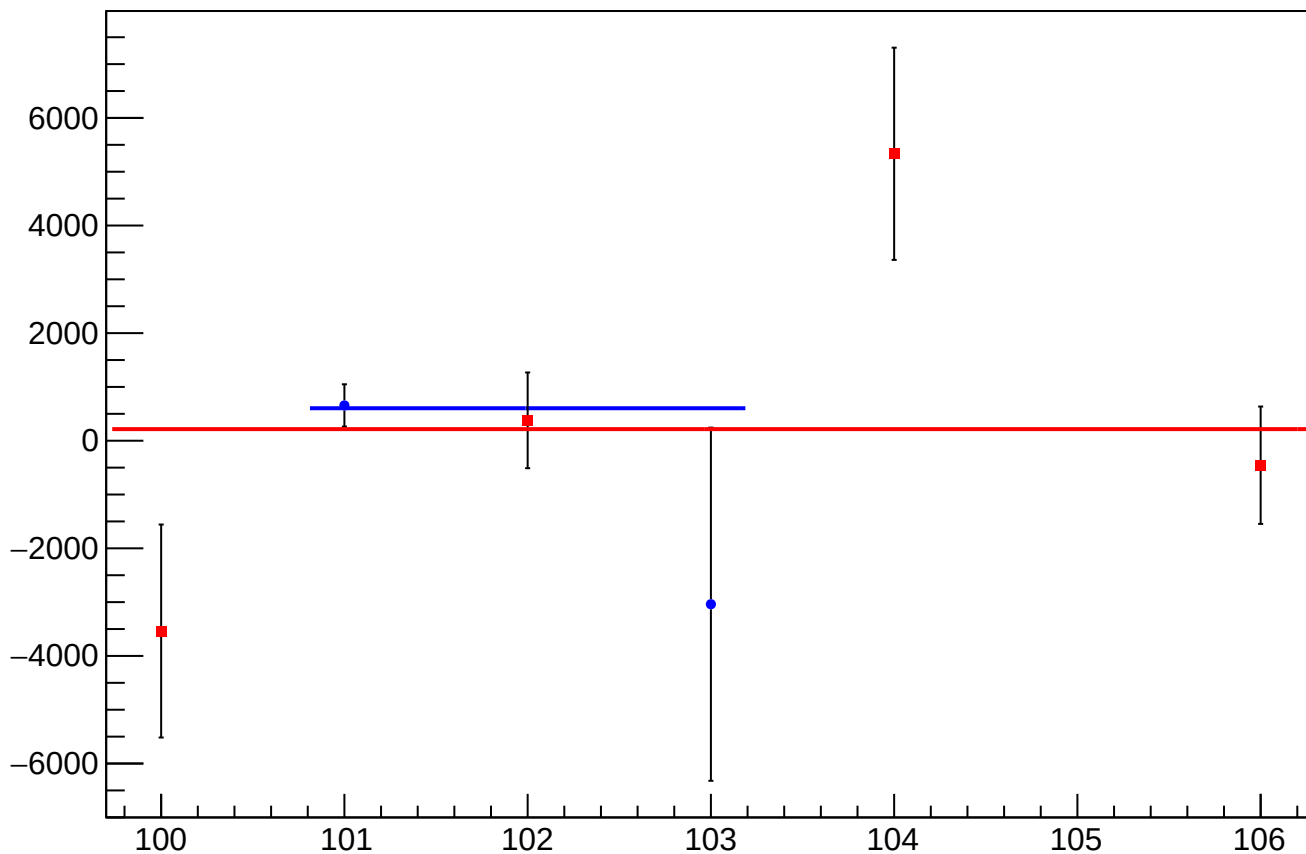
Right: 2188.370+/-1.016 χ^2/NDF : 665996.2/5

In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.370+/-1.016 χ^2/NDF : 665996.2/5

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.787+/-618.163 χ^2/NDF : 10.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

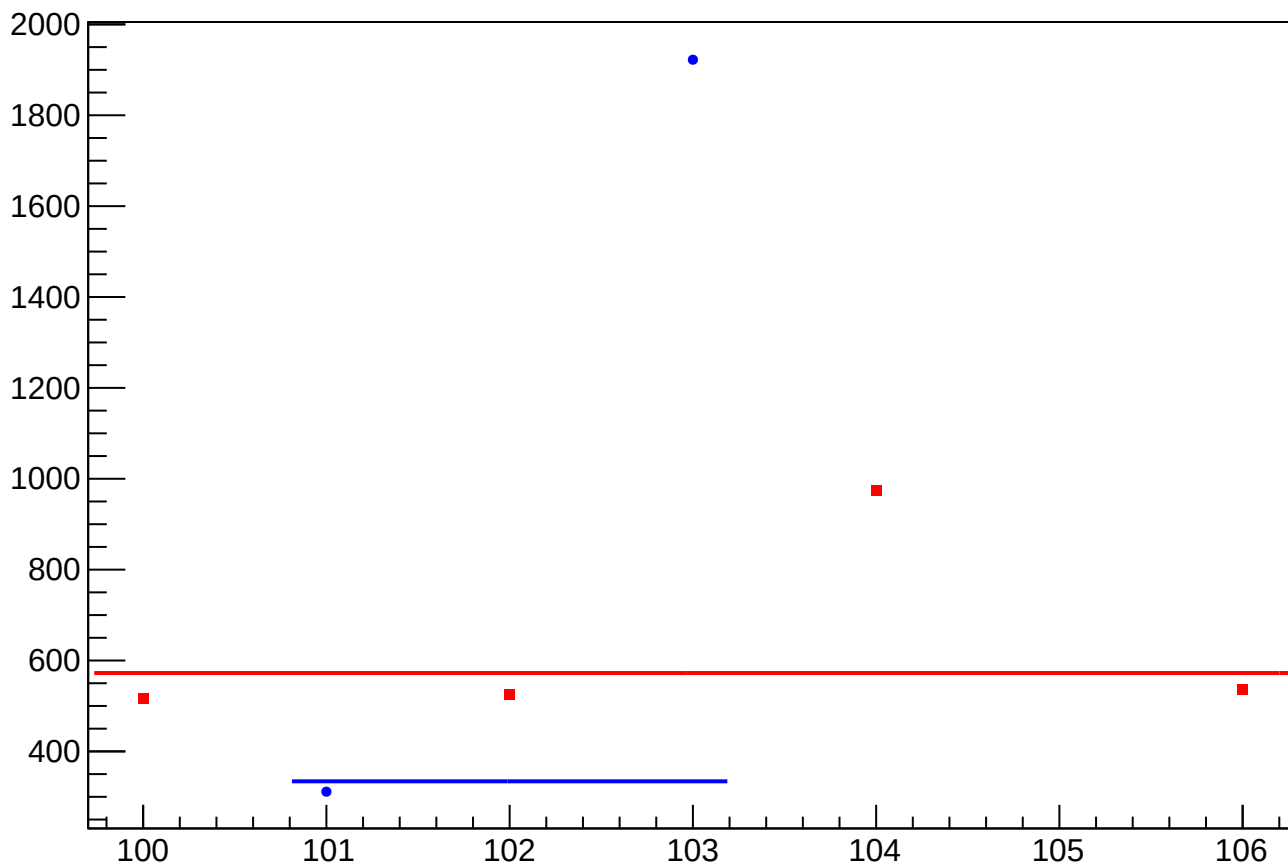
Right: 493.380+/-329.993 χ^2/NDF : 12.3/5

In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.380+/-329.993 χ^2/NDF : 12.3/5

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 572.474+/-0.437 χ^2/NDF : 92251.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

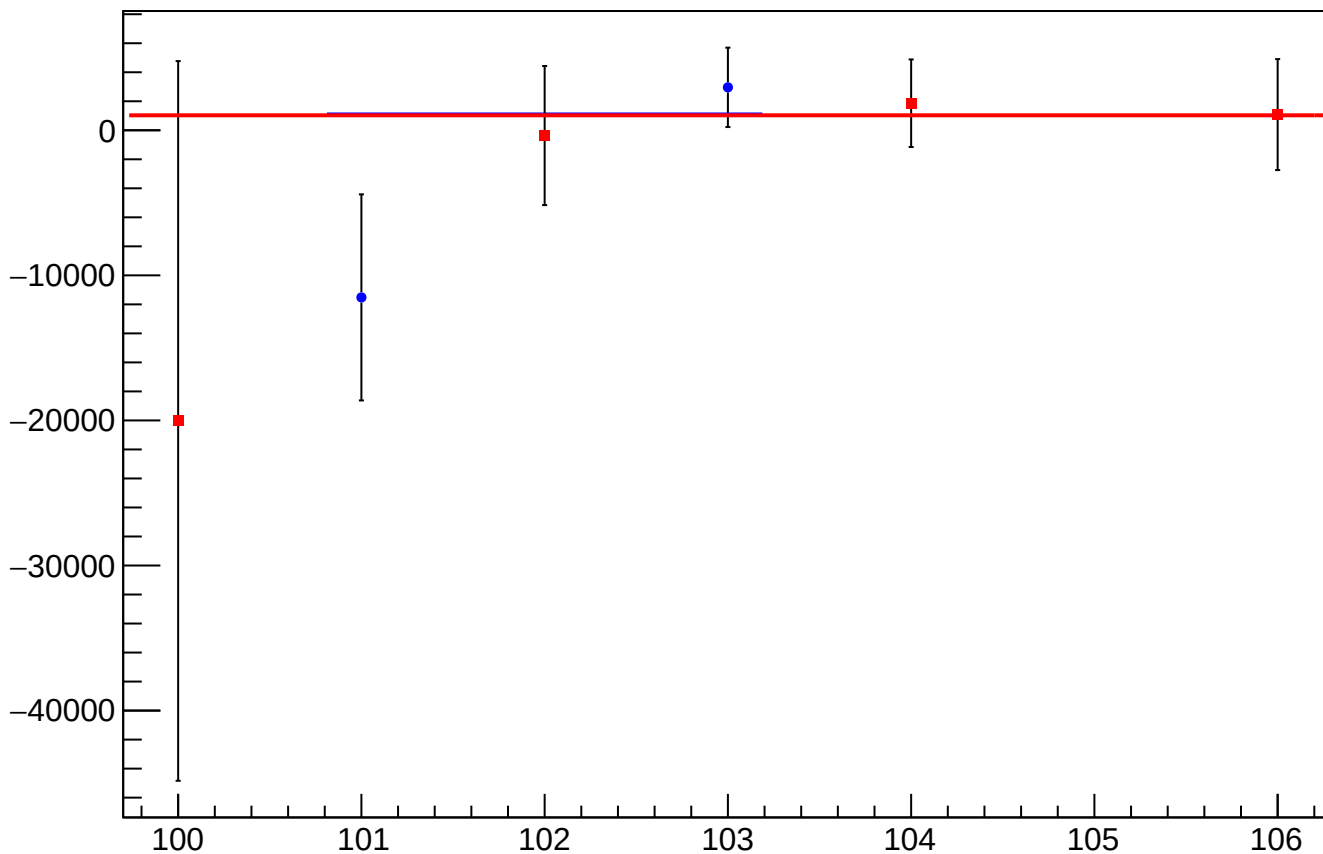
Right: 402.045+/-0.233 χ^2/NDF : 779788.7/5

In: 334.122+/-0.276 χ^2/NDF : 474926.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.045+/-0.233 χ^2/NDF : 779788.7/5

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1088.750+/-2552.720 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.006+/-2116.035 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

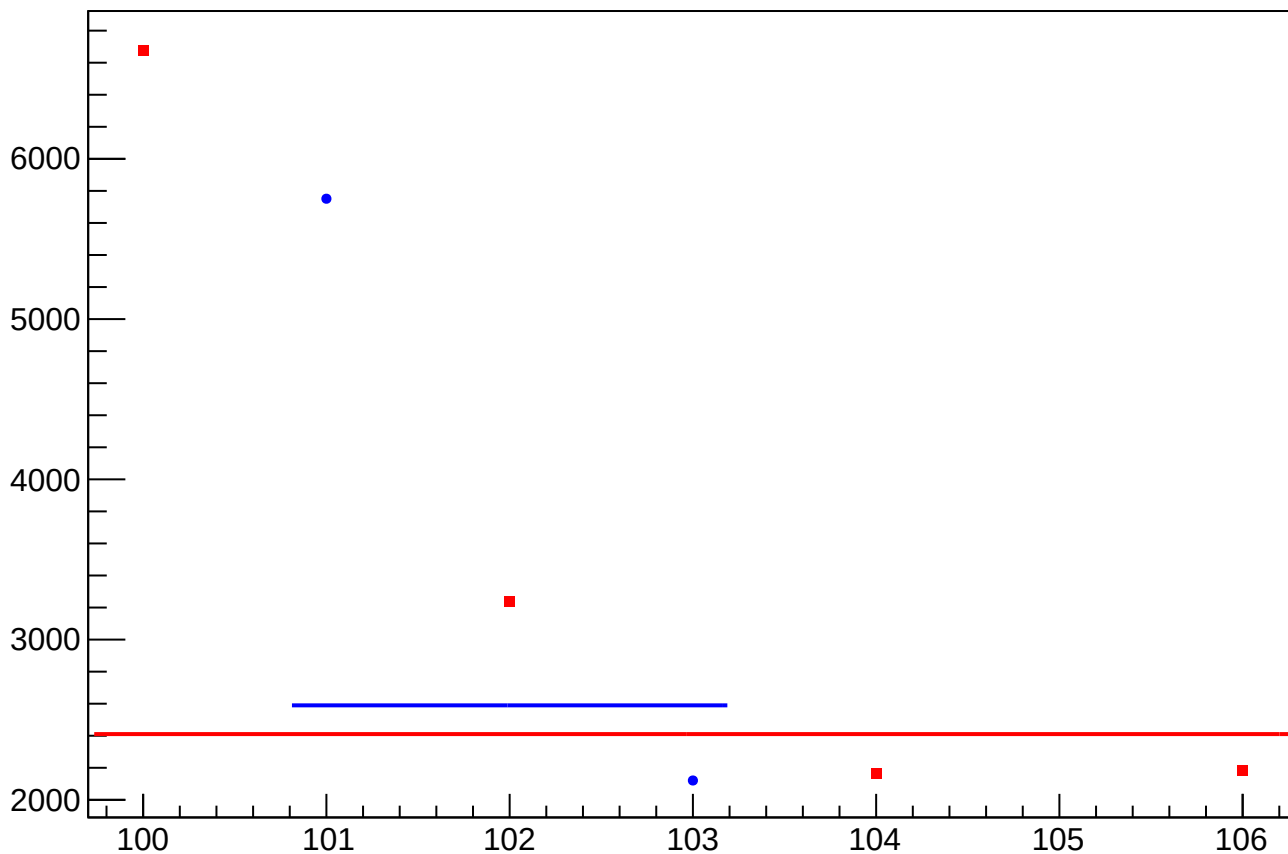
Right: 1055.117+/-1629.103 χ^2/NDF : 4.5/5

In: 1088.750+/-2552.720 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1055.117+/-1629.103 χ^2/NDF : 4.5/5

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2589.680 $\pm$ 1.805 χ^2 /NDF: 454967.7/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 2410.361 $\pm$ -1.496 χ^2 /NDF: 139456.1/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

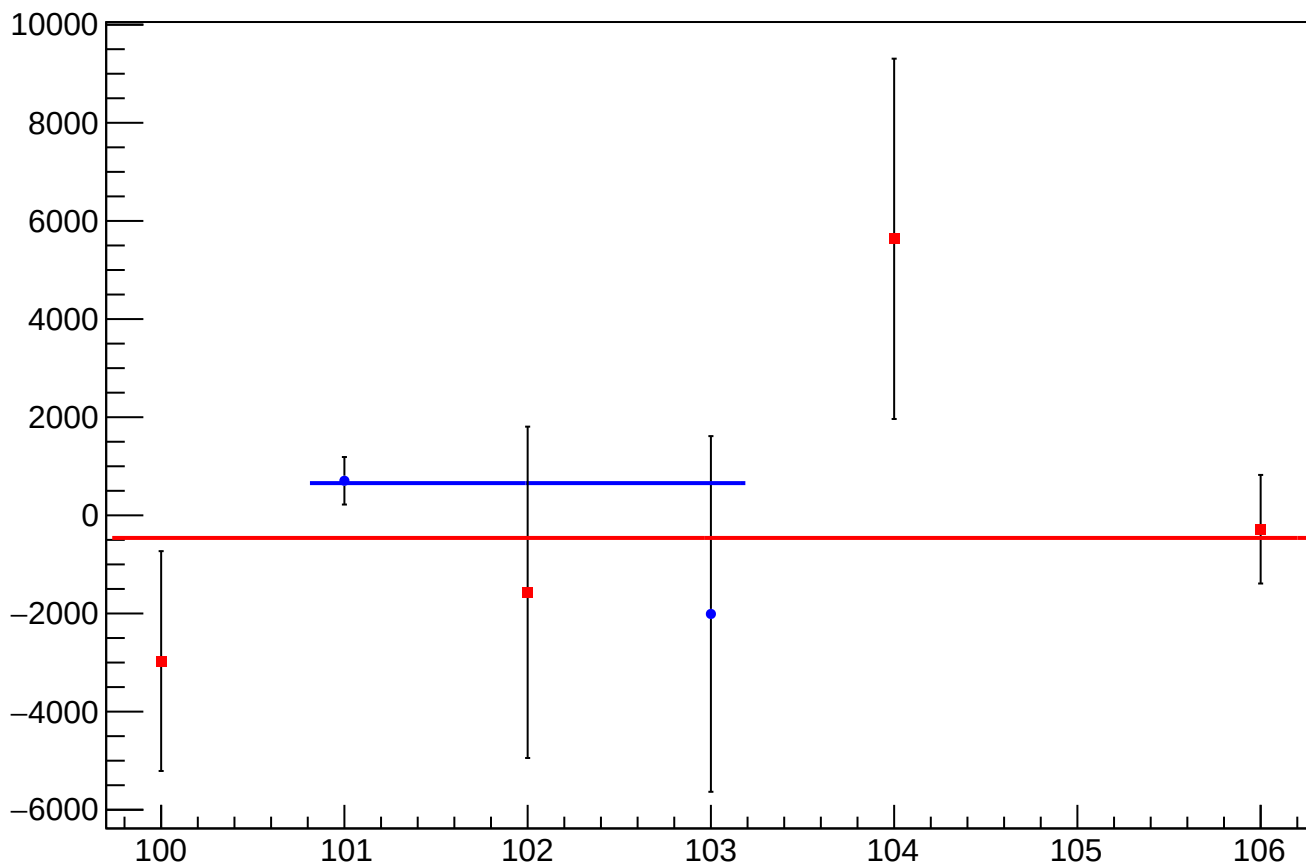
Right: 2483.391 $\pm$ -1.152 χ^2 /NDF: 600273.6/5

In: 2589.680 $\pm$ -1.805 χ^2 /NDF:454967.7/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 2483.391 $\pm$ -1.152 χ^2 /NDF: 600273.6/5

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 656.924+/-479.988 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -460.341+/-921.367 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

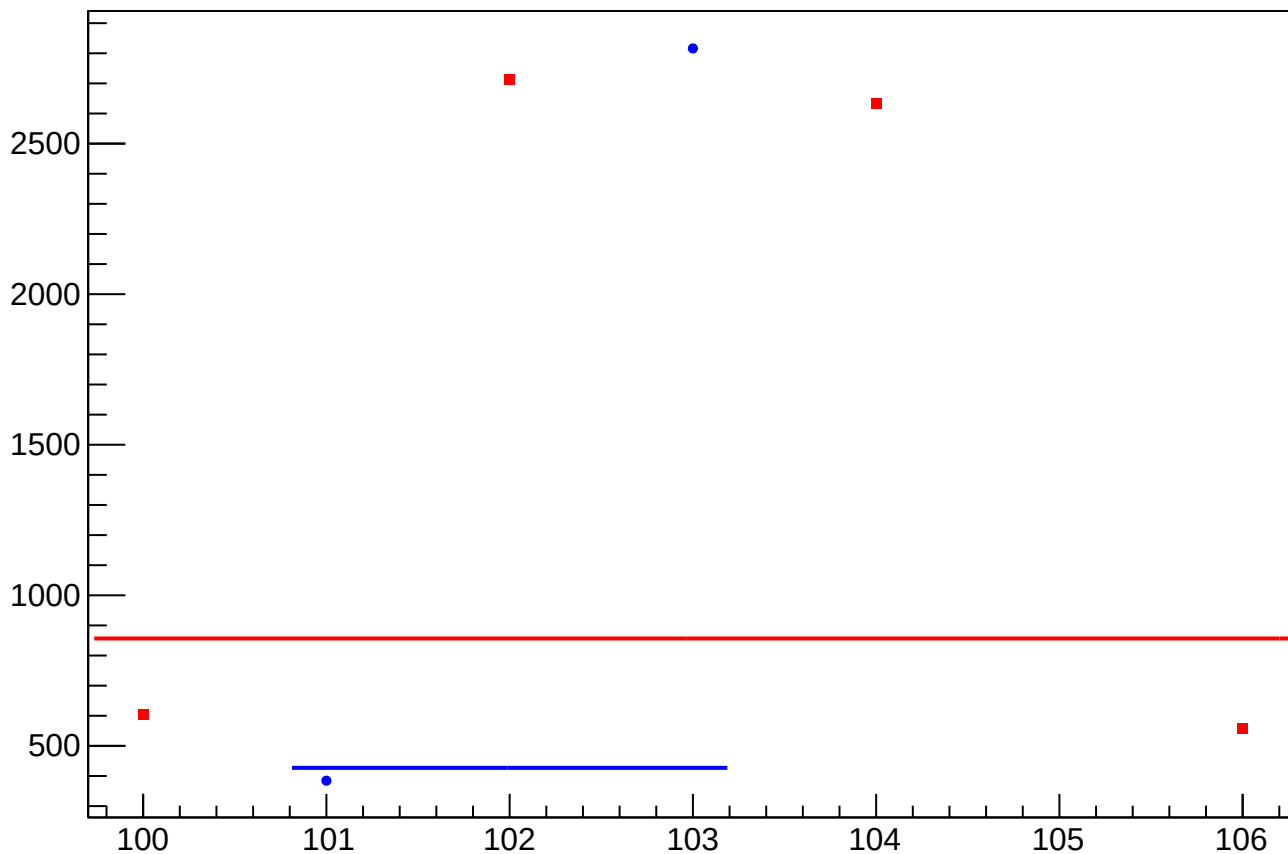
Right: 418.433+/-425.687 χ^2/NDF : 5.9/5

In: 656.924+/-479.988 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.433+/-425.687 χ^2/NDF : 5.9/5

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.033+/-0.339 χ^2/NDF : 884530.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.614+/-0.652 χ^2/NDF : 1245144.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

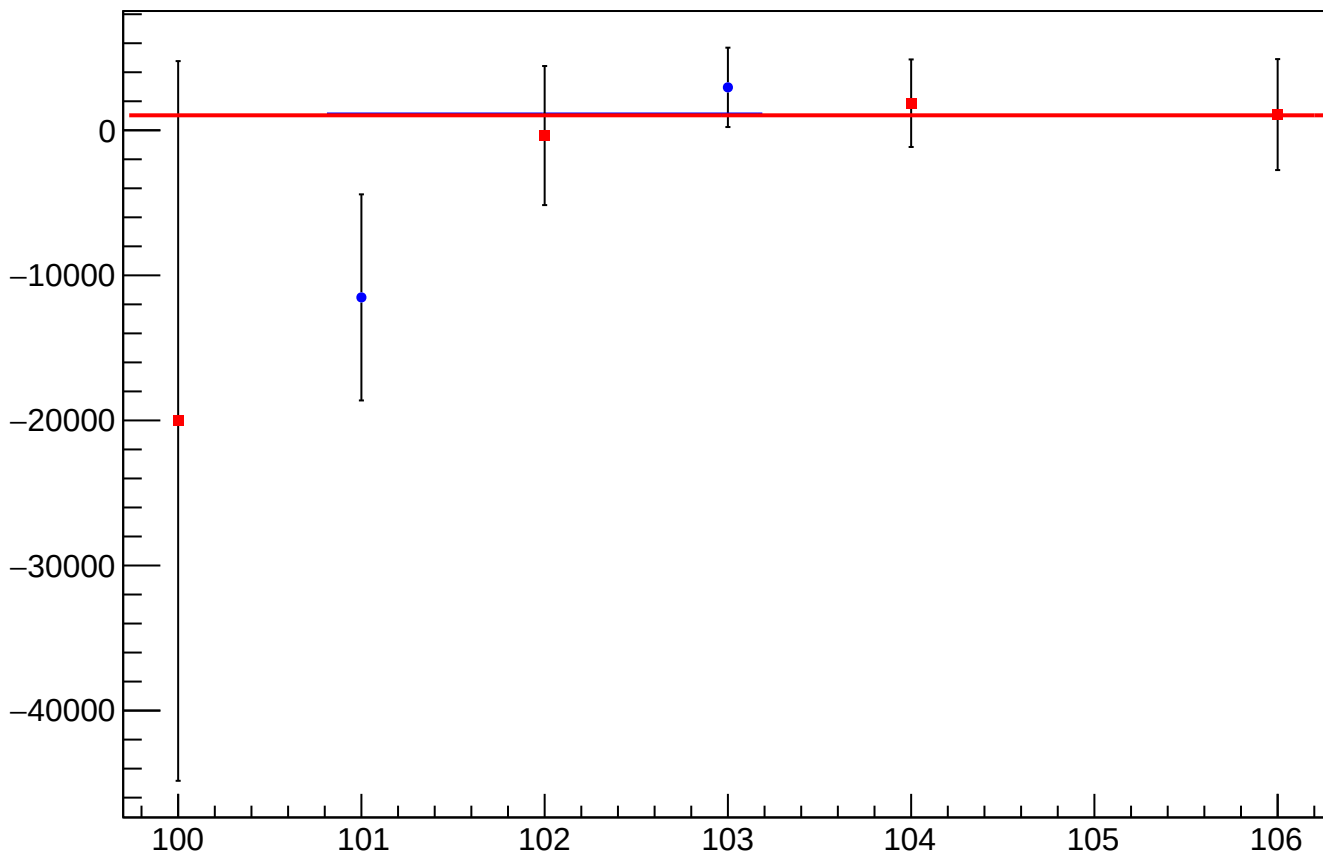
Right: 518.731+/-0.301 χ^2/NDF : 2471634.7/5

In: 427.033+/-0.339 χ^2/NDF : 884530.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.731+/-0.301 χ^2/NDF : 2471634.7/5

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1088.757+/-2552.718 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.010+/-2116.033 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

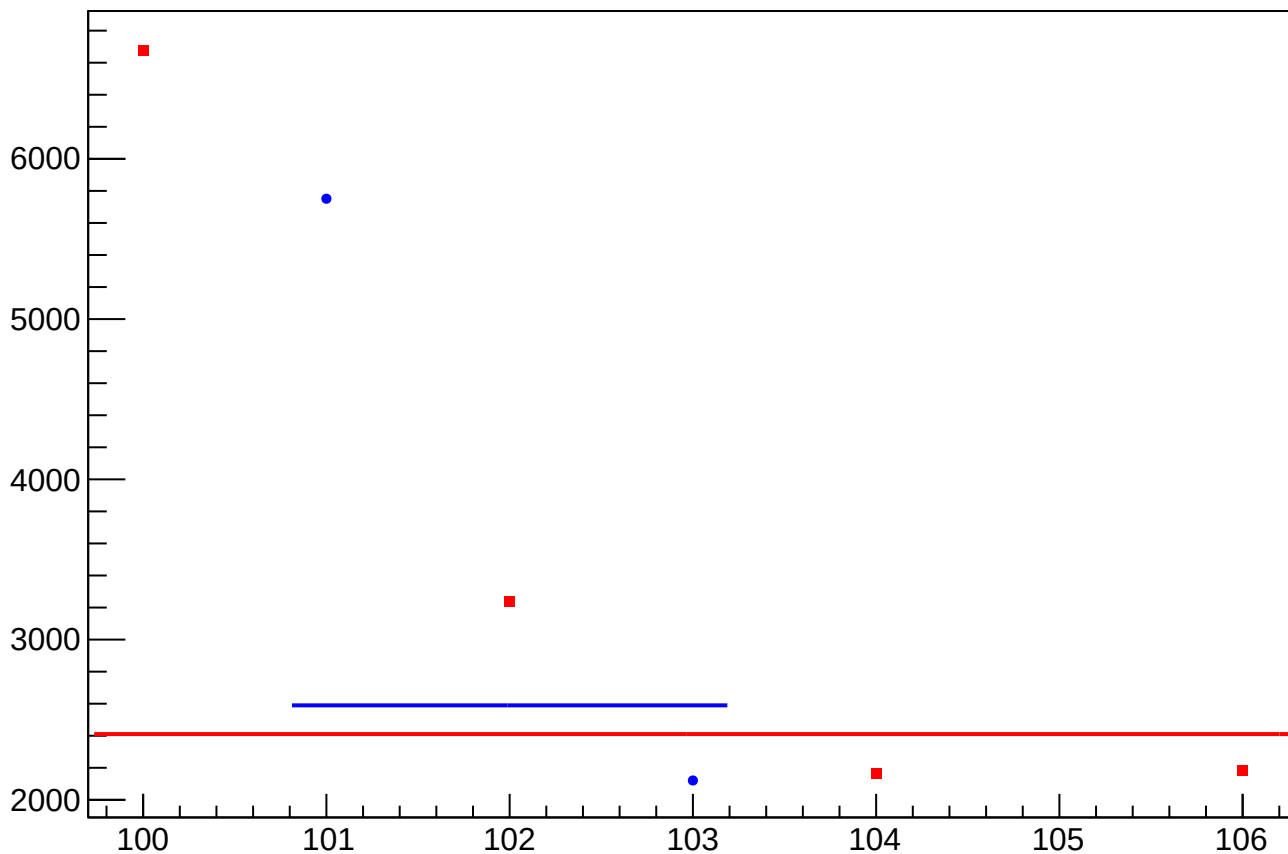
Right: 1055.121+/-1629.102 χ^2/NDF : 4.5/5

In: 1088.757+/-2552.718 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1055.121+/-1629.102 χ^2/NDF : 4.5/5

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2589.677+/-1.805 χ^2/NDF : 454968.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2410.359+/-1.496 χ^2/NDF : 139456.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

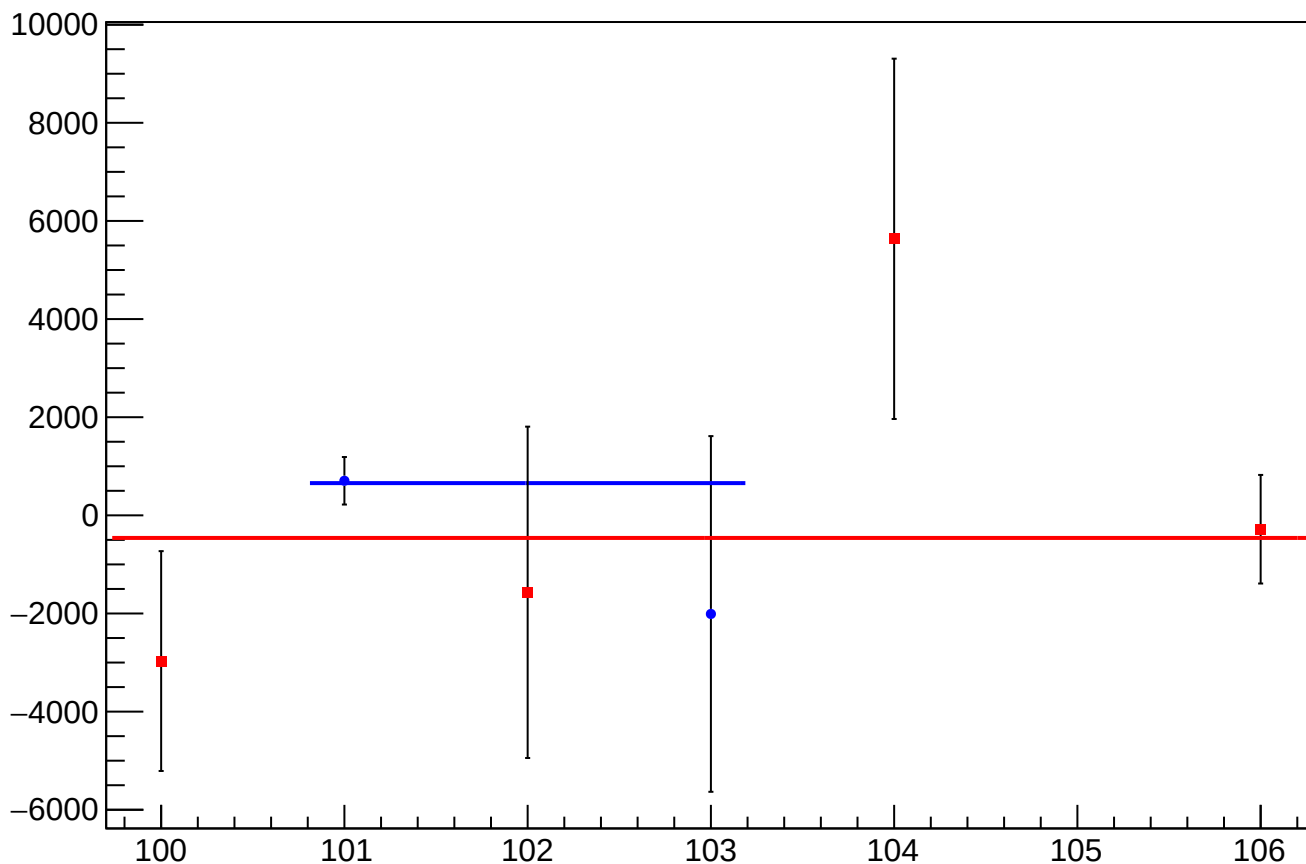
Right: 2483.389+/-1.152 χ^2/NDF : 600274.1/5

In: 2589.677+/-1.805 χ^2/NDF : 454968.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2483.389+/-1.152 χ^2/NDF : 600274.1/5

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 656.925+/-479.988 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -460.348+/-921.366 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

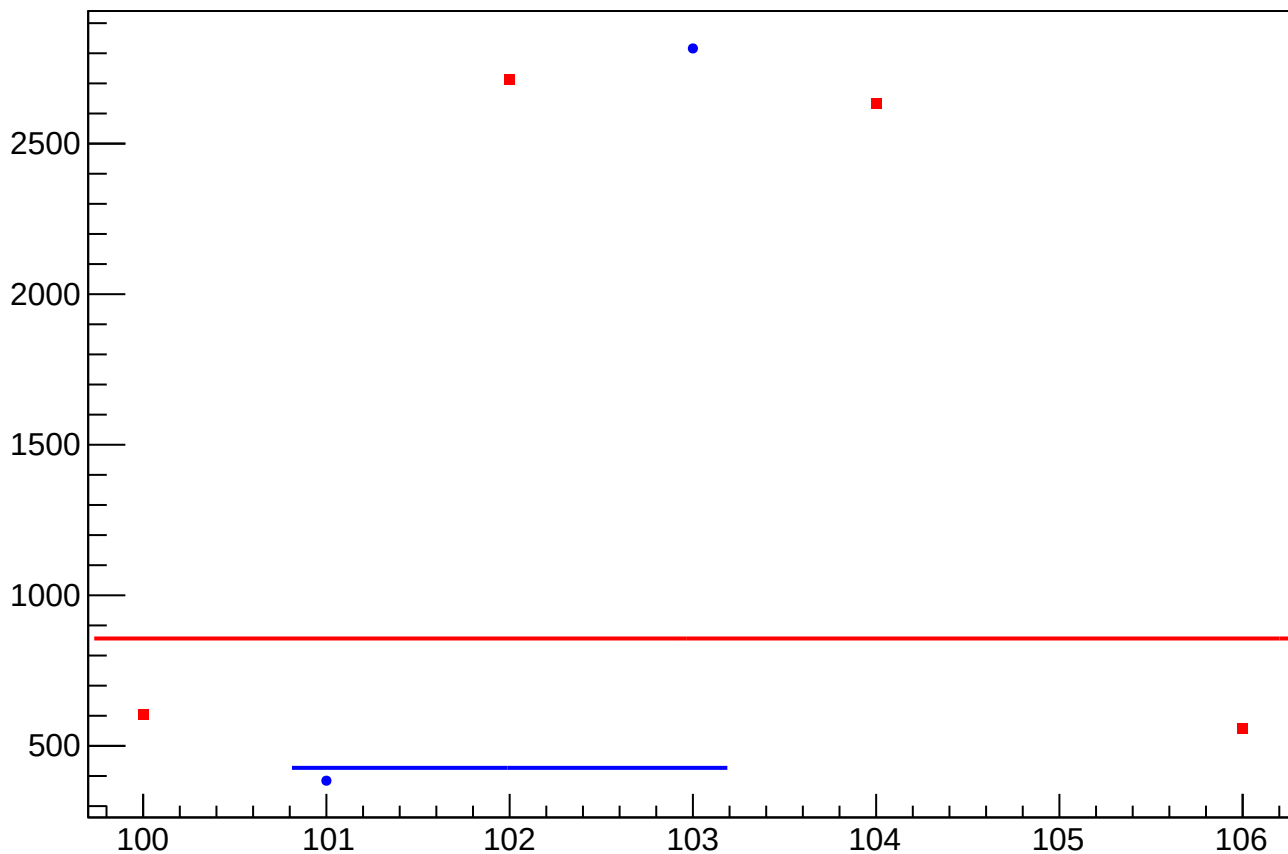
Right: 418.431+/-425.688 χ^2/NDF : 5.9/5

In: 656.925+/-479.988 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.431+/-425.688 χ^2/NDF : 5.9/5

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 427.033+/-0.339 χ^2/NDF : 884530.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.613+/-0.652 χ^2/NDF : 1245146.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

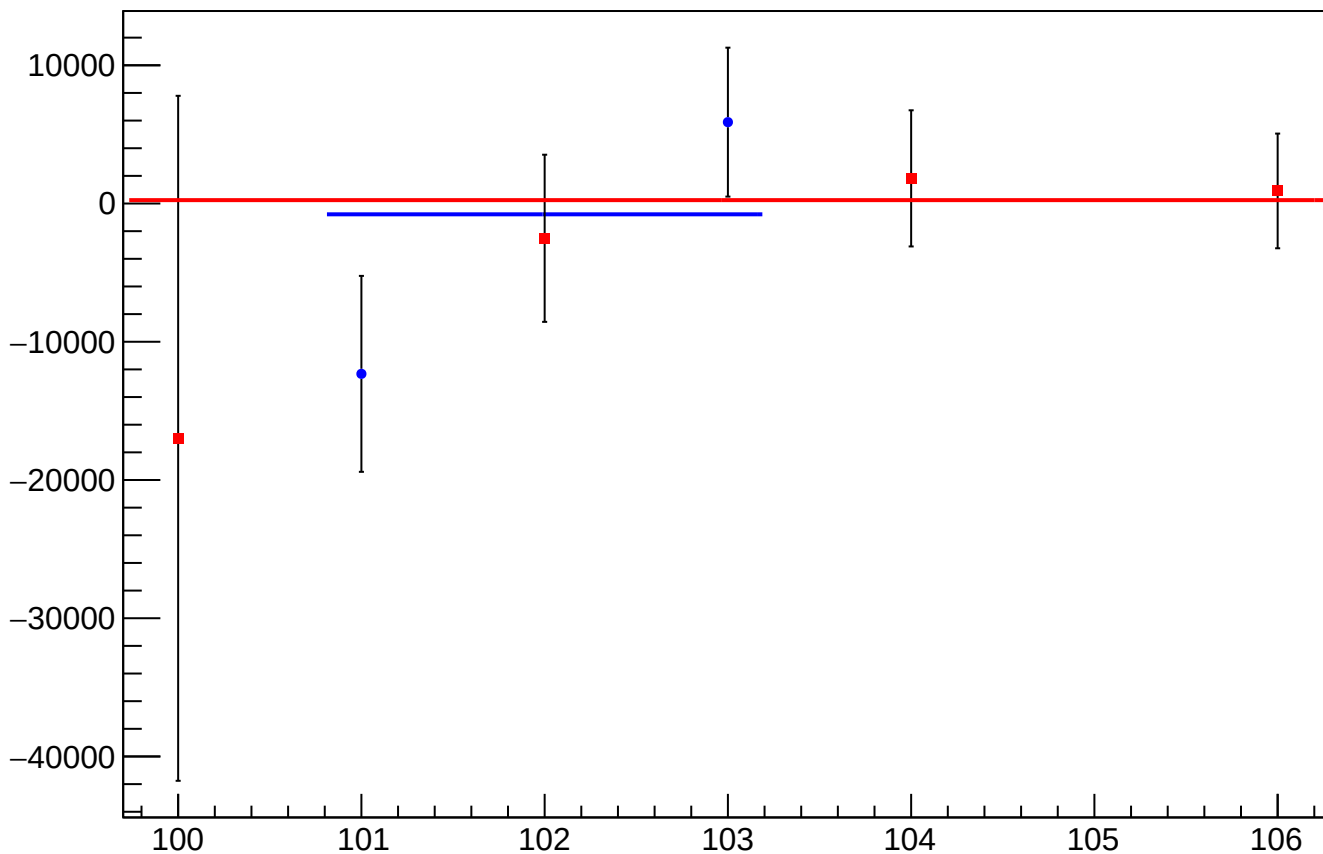
Right: 518.732+/-0.301 χ^2/NDF : 2471634.8/5

In: 427.033+/-0.339 χ^2/NDF : 884530.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.732+/-0.301 χ^2/NDF : 2471634.8/5

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -780.824+/-4288.720 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 245.141+/-2791.503 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

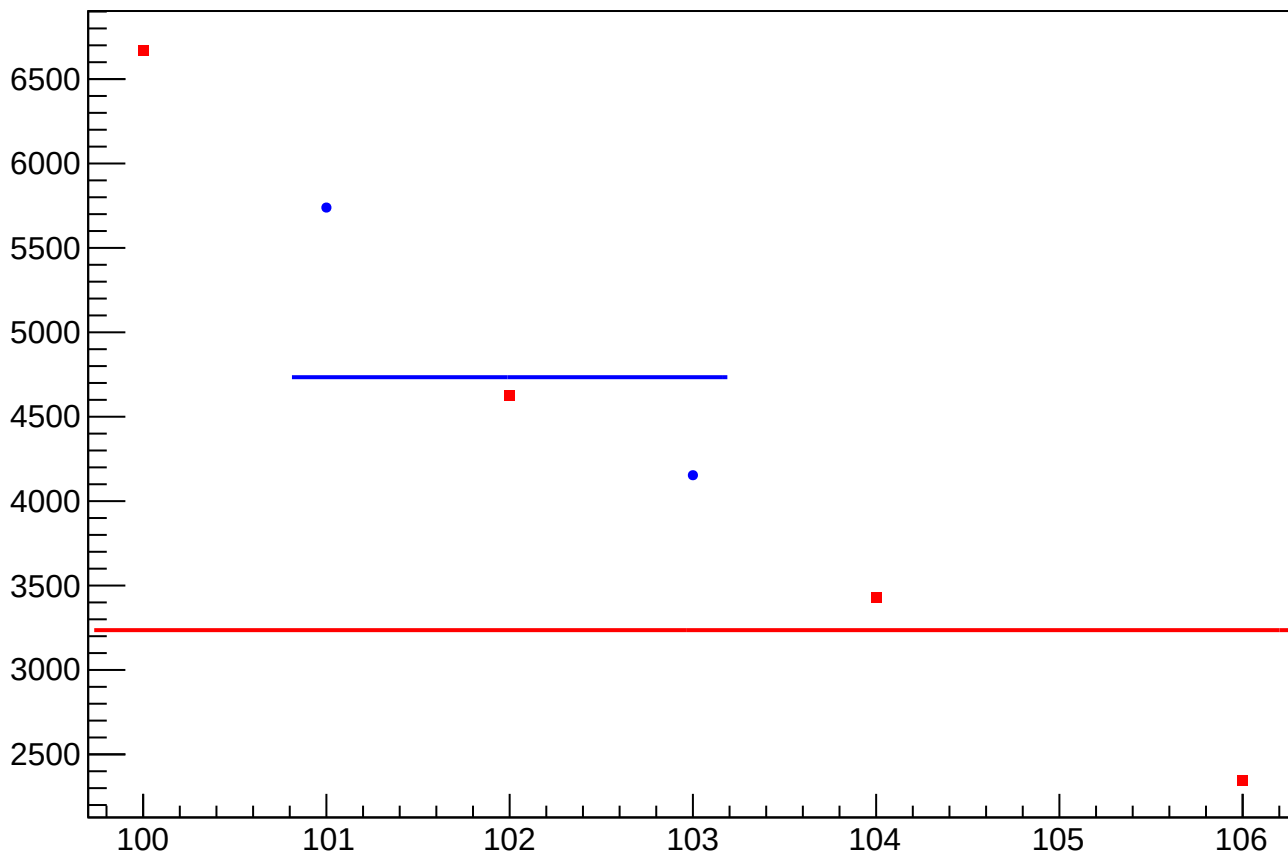
Right: -60.172+/-2339.561 χ^2/NDF : 5.0/5

In: -780.824+/-4288.720 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.172+/-2339.561 χ^2/NDF : 5.0/5

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 4734.151+/-3.033 χ^2/NDF : 63438.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3235.828+/-1.974 χ^2/NDF : 239323.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

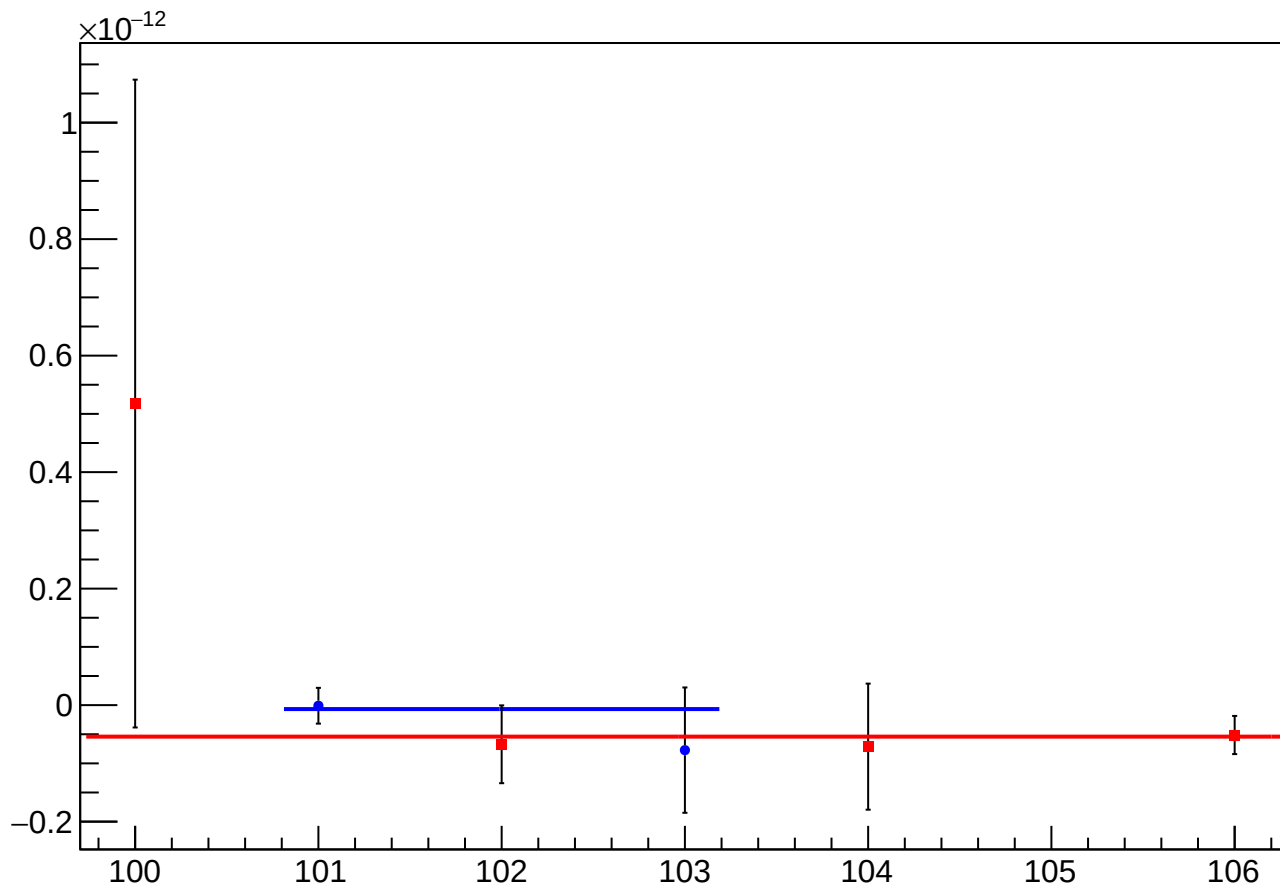
Right: 3681.685+/-1.654 χ^2/NDF : 474232.1/5

In: 4734.151+/-3.033 χ^2/NDF : 63438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3681.685+/-1.654 χ^2/NDF : 474232.1/5

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

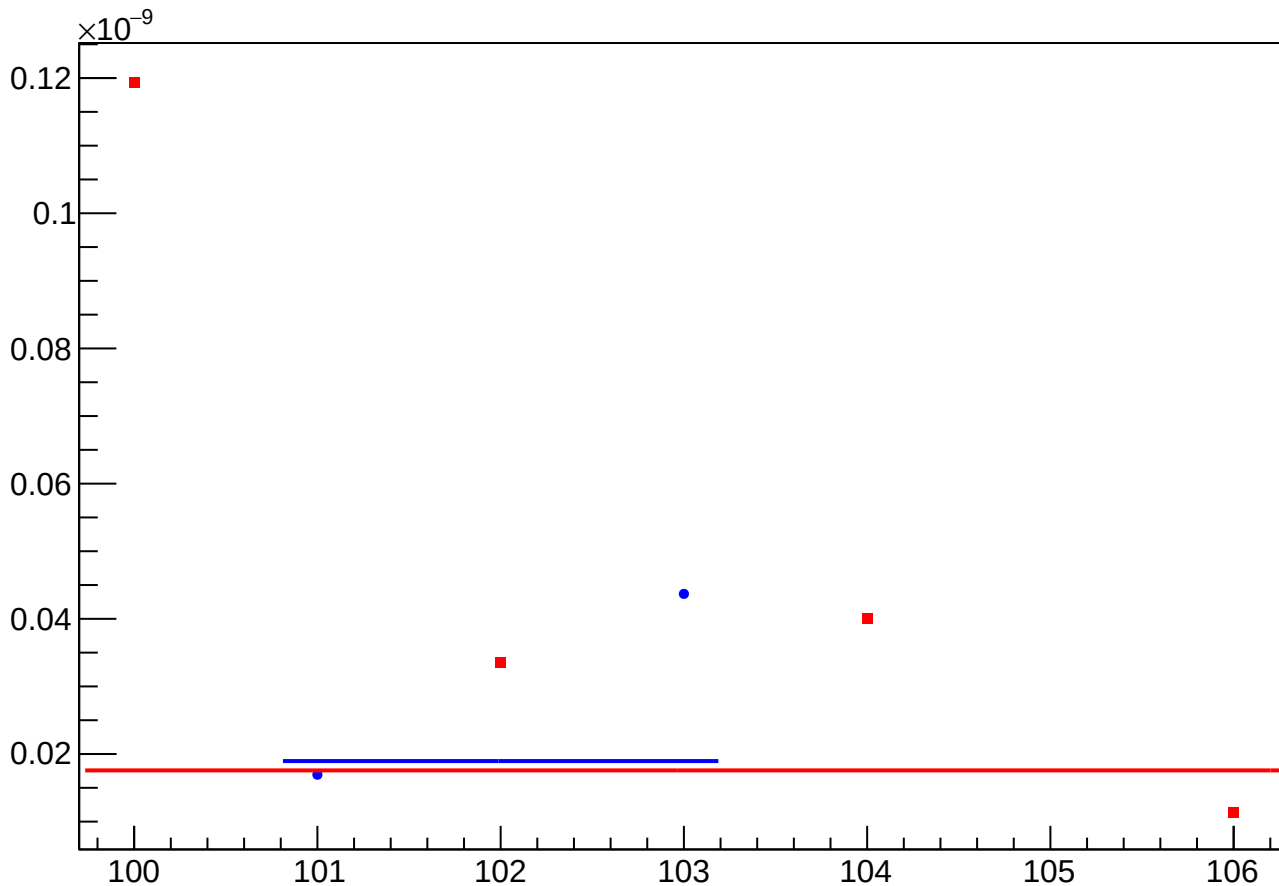
Right: -0.000+/-0.000 χ^2/NDF : 2.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.9/5

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 114327.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 339999.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

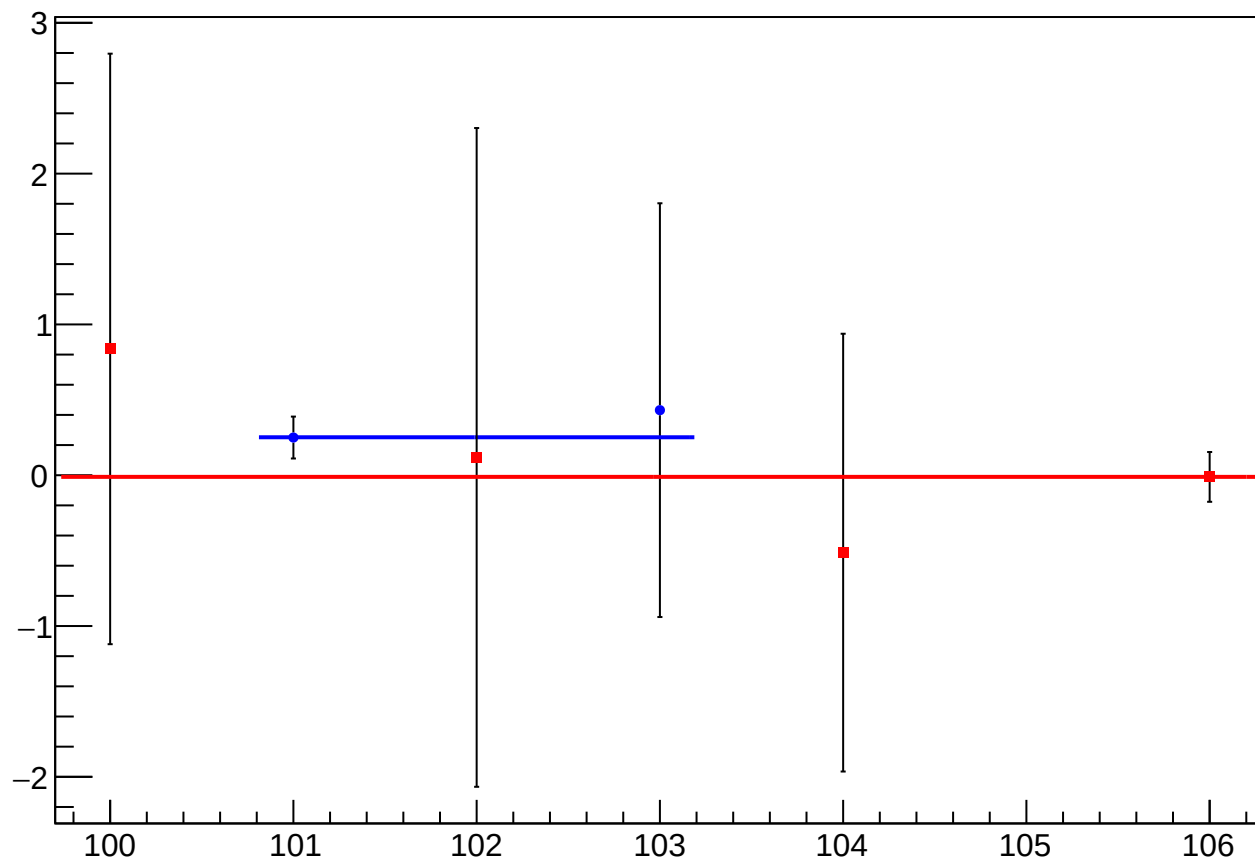
Right: 0.000+/-0.000 χ^2/NDF : 456602.6/5

In: 0.000+/-0.000 χ^2/NDF : 114327.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 456602.6/5

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.163 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

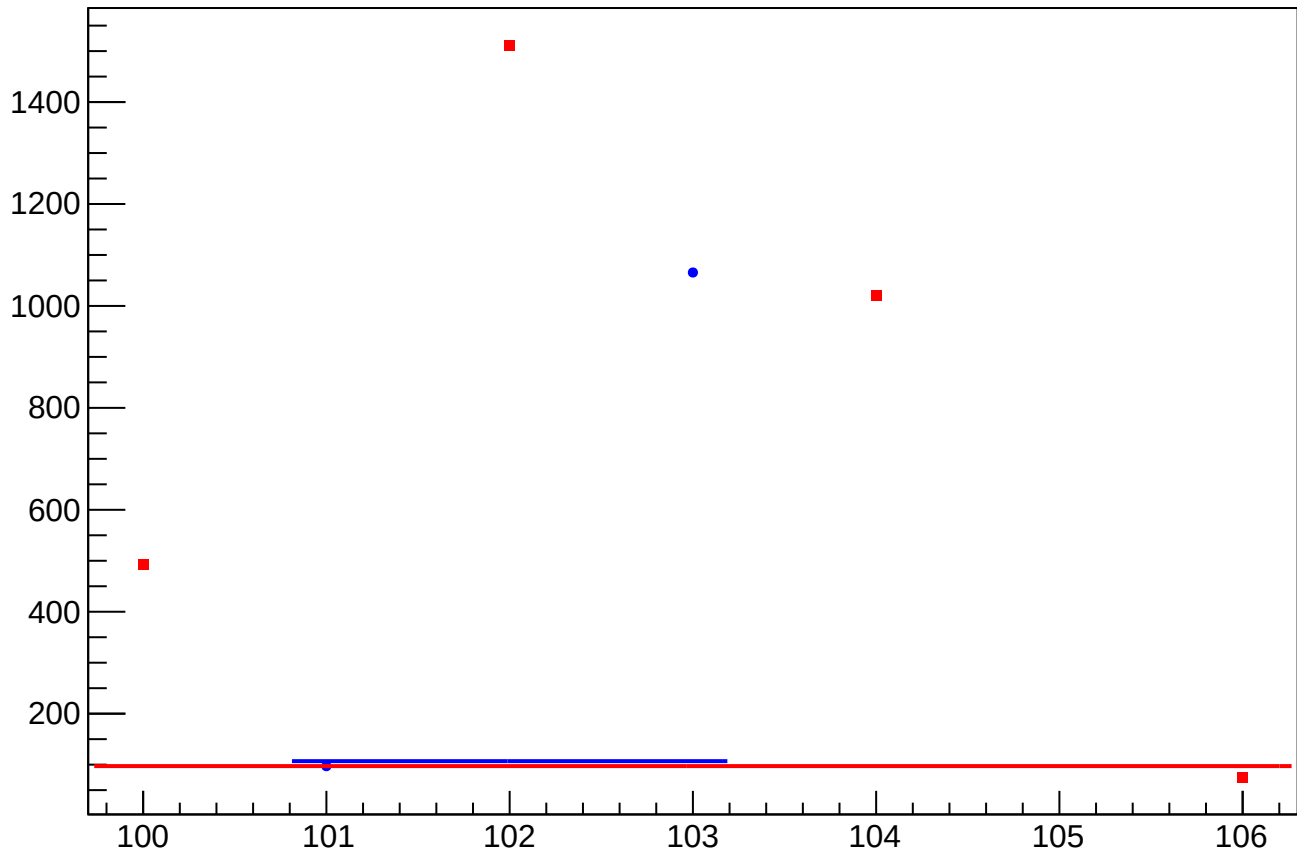
Right: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

In: 0.252 $\pm$ 0.138 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.150+/-0.115 χ^2/NDF : 1769276.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

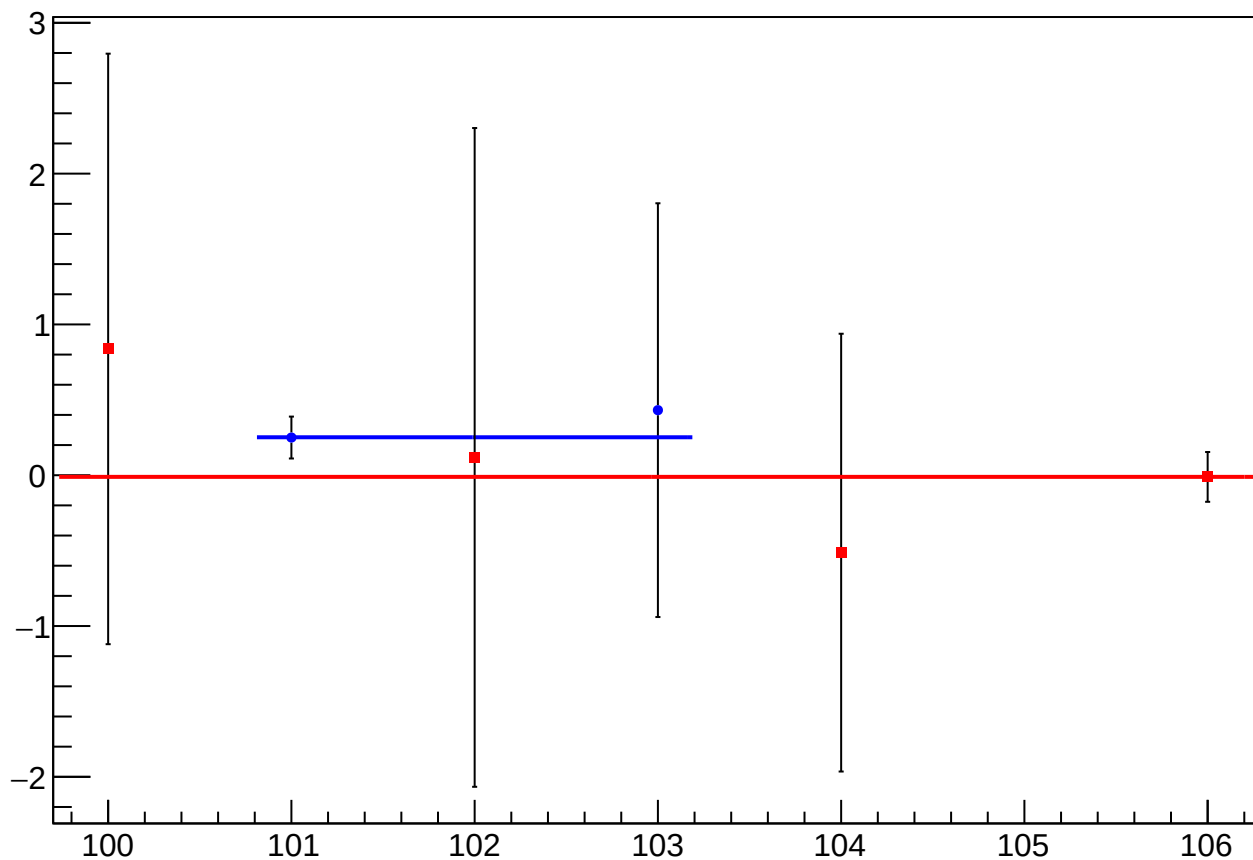
Right: 102.781+/-0.075 χ^2/NDF : 2760234.6/5

In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.781+/-0.075 χ^2/NDF : 2760234.6/5

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.163 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

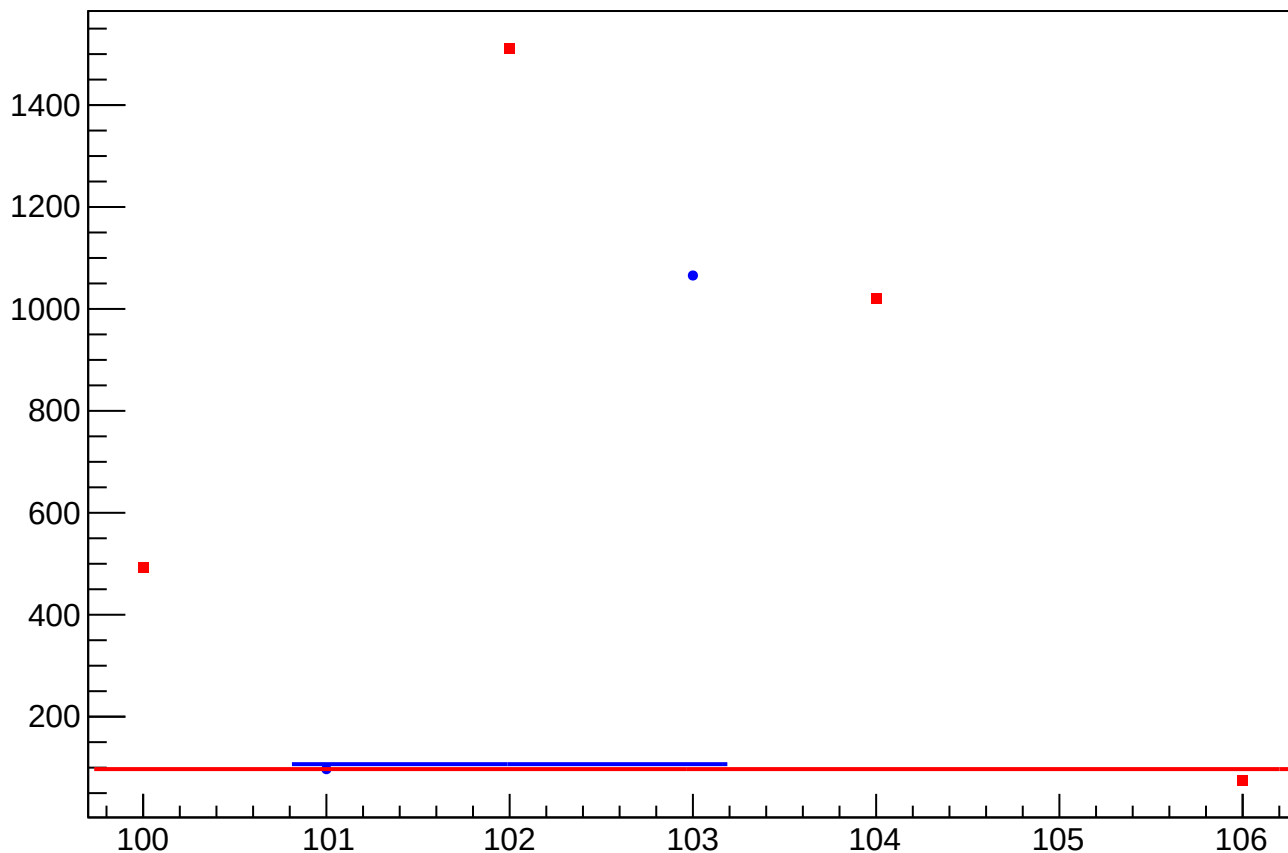
Right: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

In: 0.252 $\pm$ 0.138 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.150+/-0.115 χ^2/NDF : 1769276.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

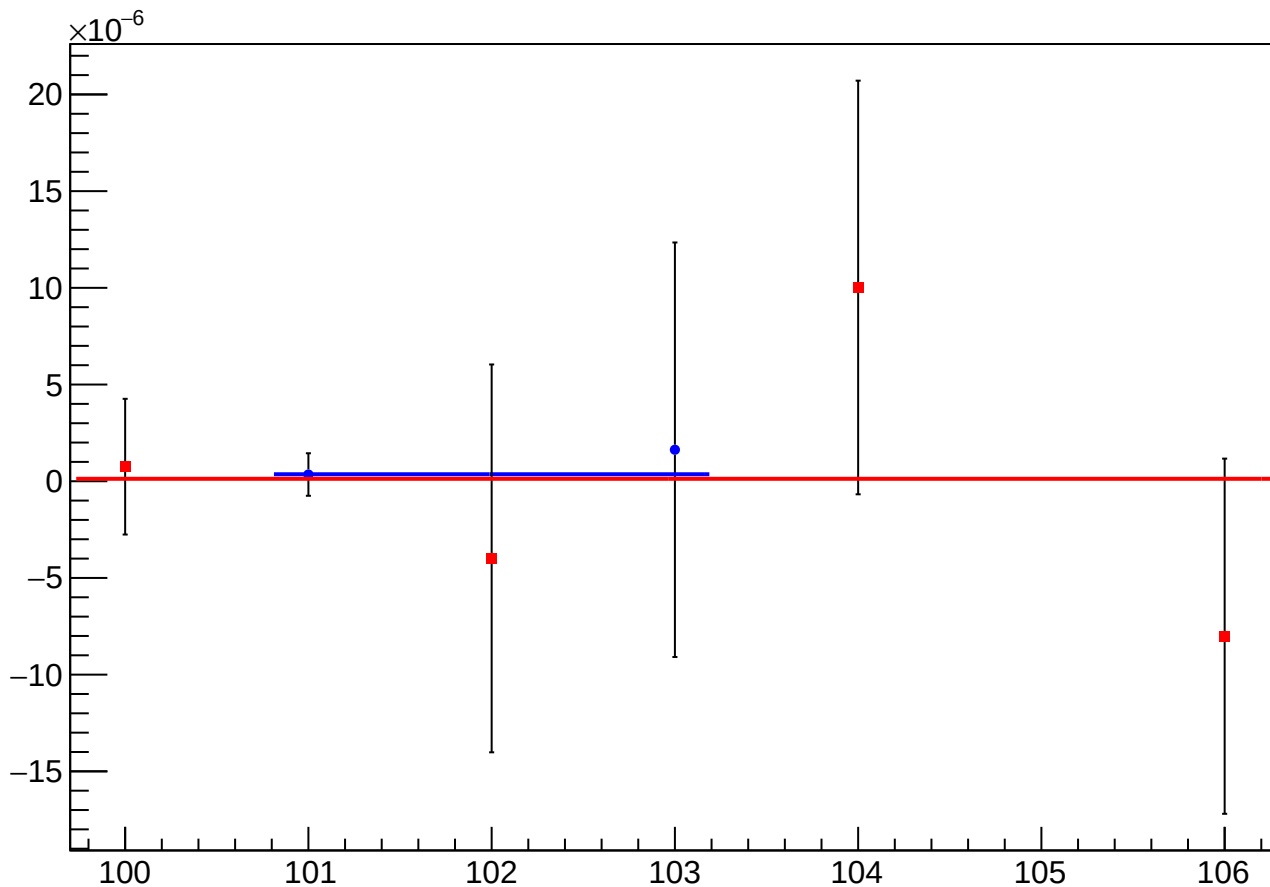
Right: 102.781+/-0.075 χ^2/NDF : 2760234.6/5

In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.781+/-0.075 χ^2/NDF : 2760234.6/5

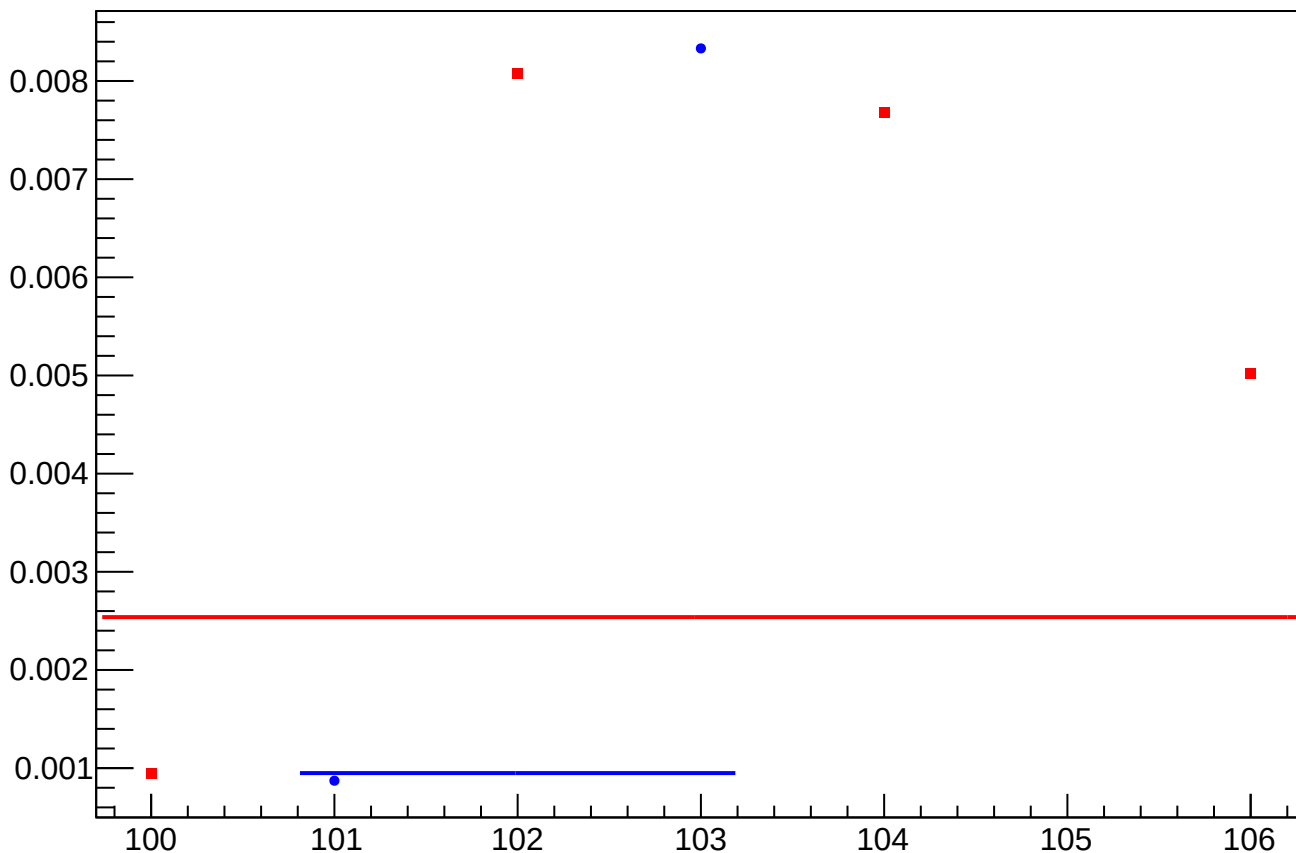
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 1.8/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.9/5
 In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.9/5

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 959008.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1631668.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

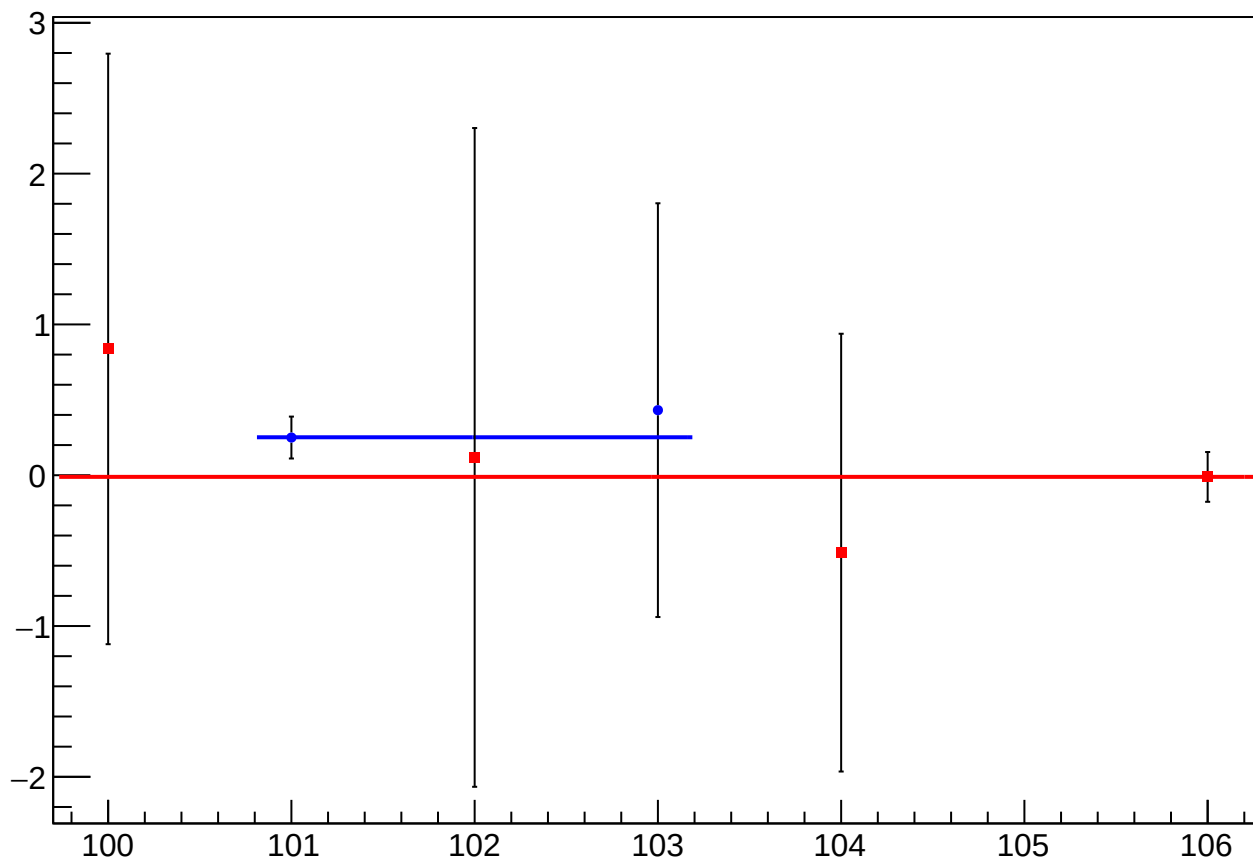
Right: 0.001+/-0.000 χ^2/NDF : 3088674.2/5

In: 0.001+/-0.000 χ^2/NDF : 959008.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3088674.2/5

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.163 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

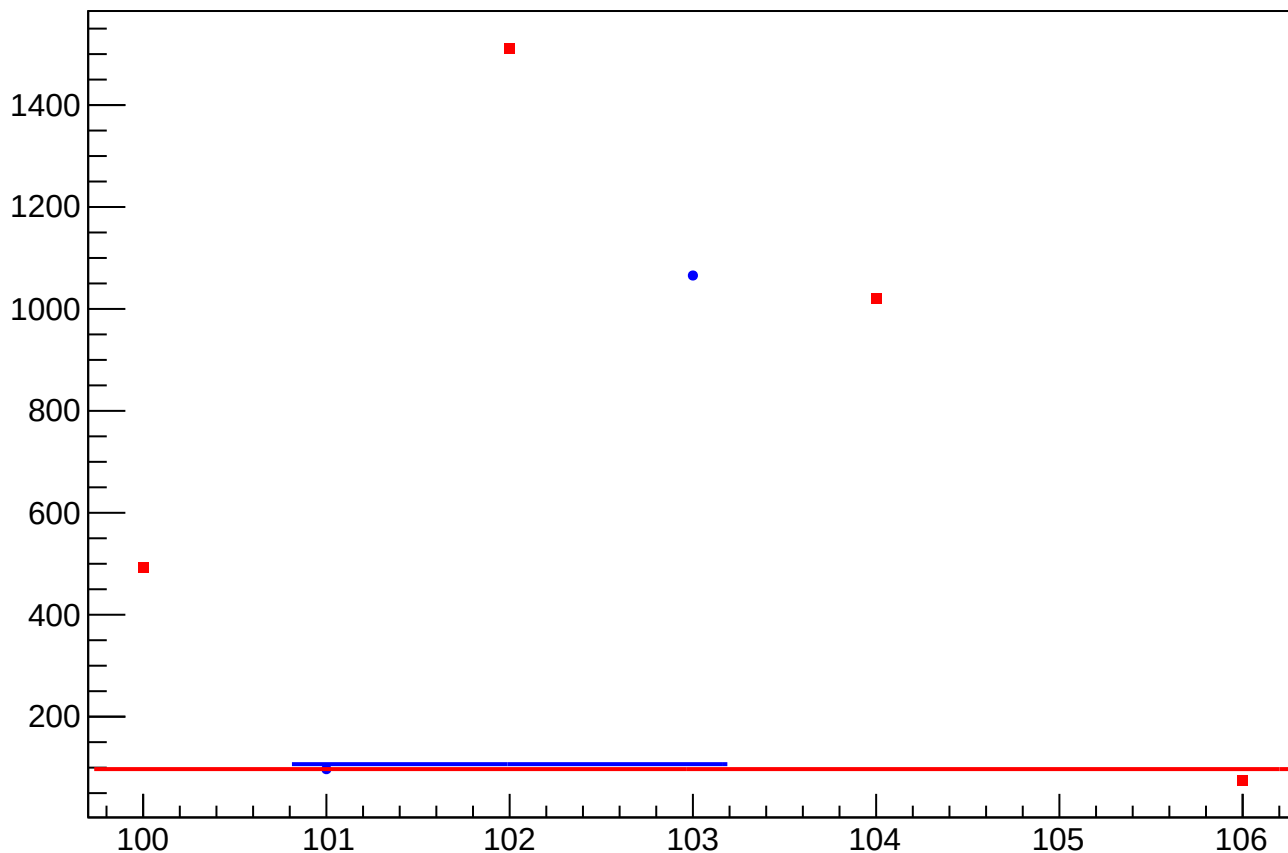
Right: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

In: 0.252 $\pm$ 0.138 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831+/-0.098 χ^2/NDF : 986853.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.145+/-0.115 χ^2/NDF : 1769286.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

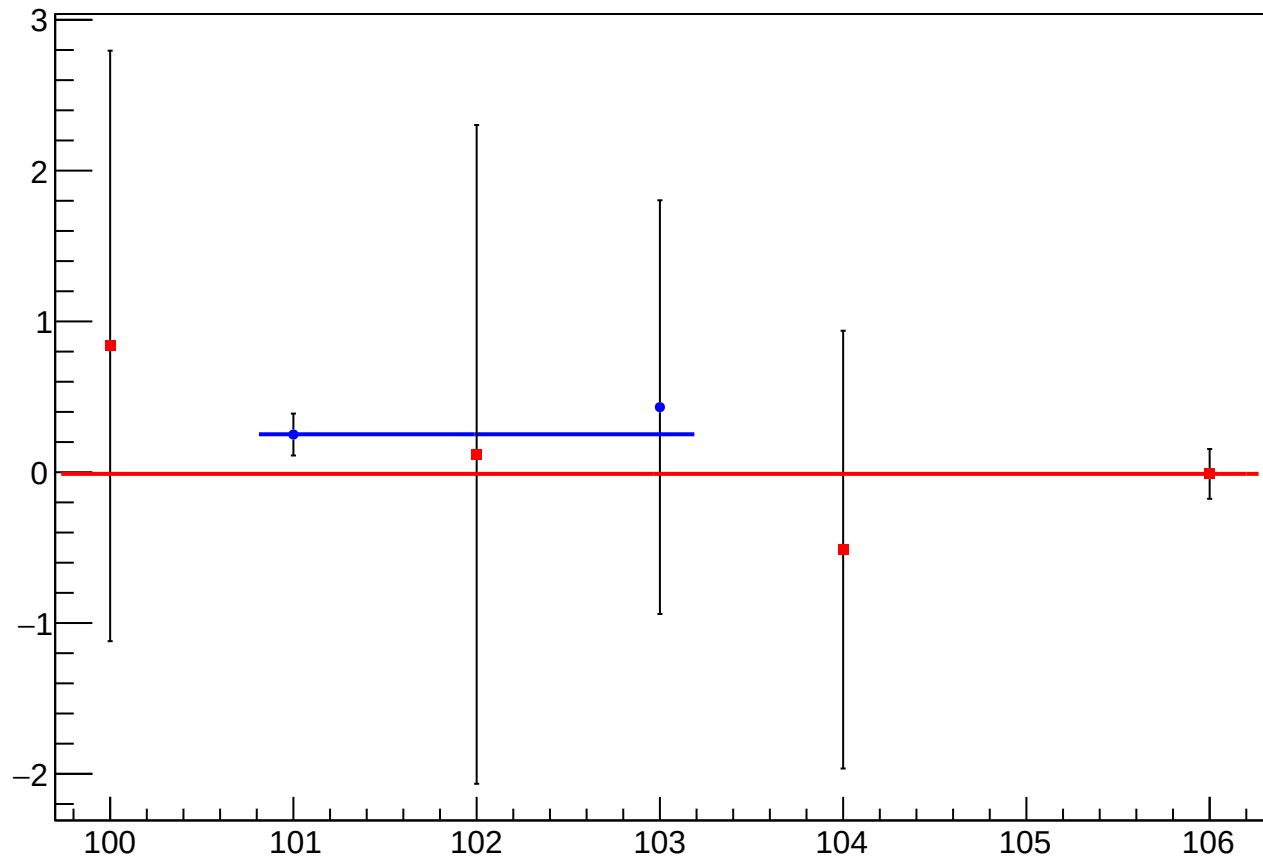
Right: 102.779+/-0.075 χ^2/NDF : 2760247.4/5

In: 106.831+/-0.098 χ^2/NDF : 986853.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.779+/-0.075 χ^2/NDF : 2760247.4/5

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.011 $\pm$ 0.163 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

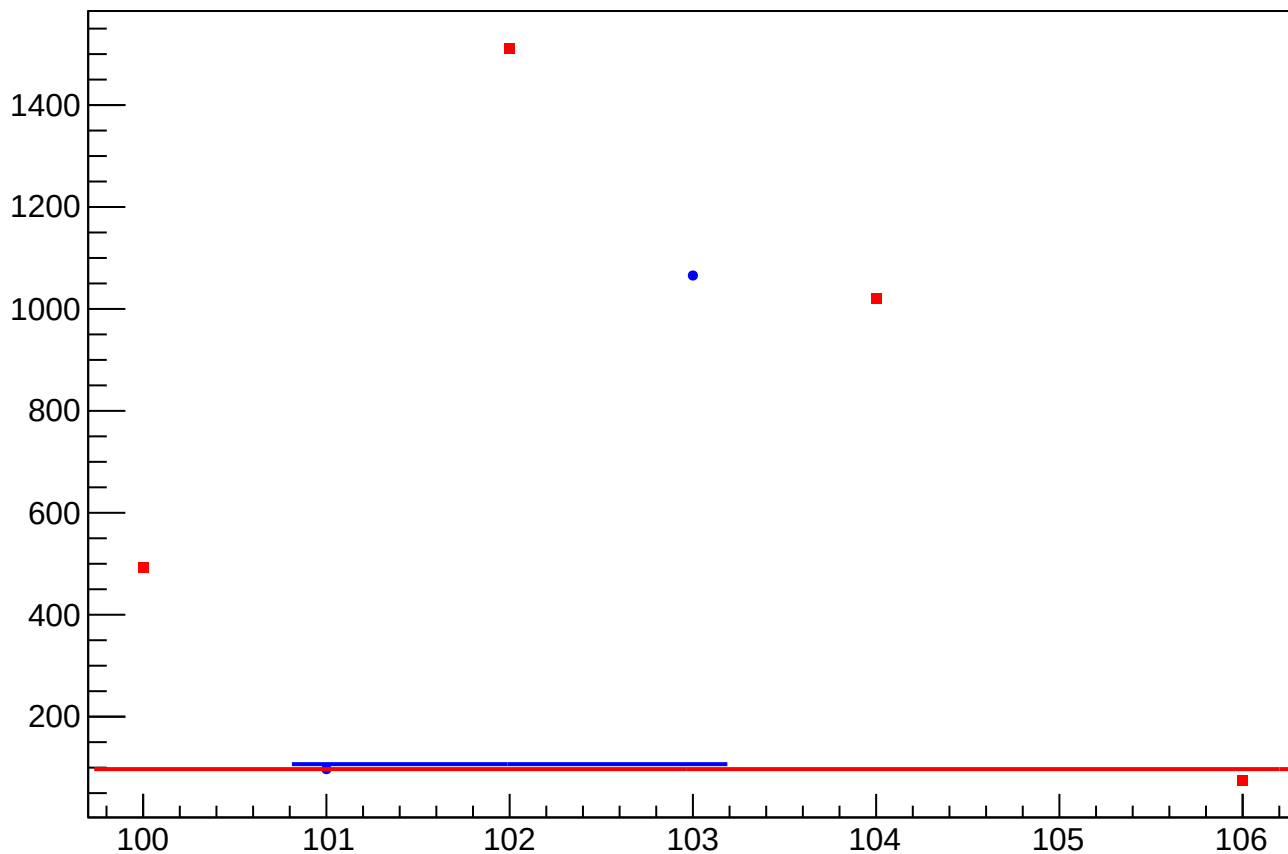
Right: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

In: 0.252 $\pm$ 0.138 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.142 $\pm$ 0.105 χ^2 /NDF: 1.8/5

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831+/-0.098 χ^2/NDF : 986853.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.145+/-0.115 χ^2/NDF : 1769286.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

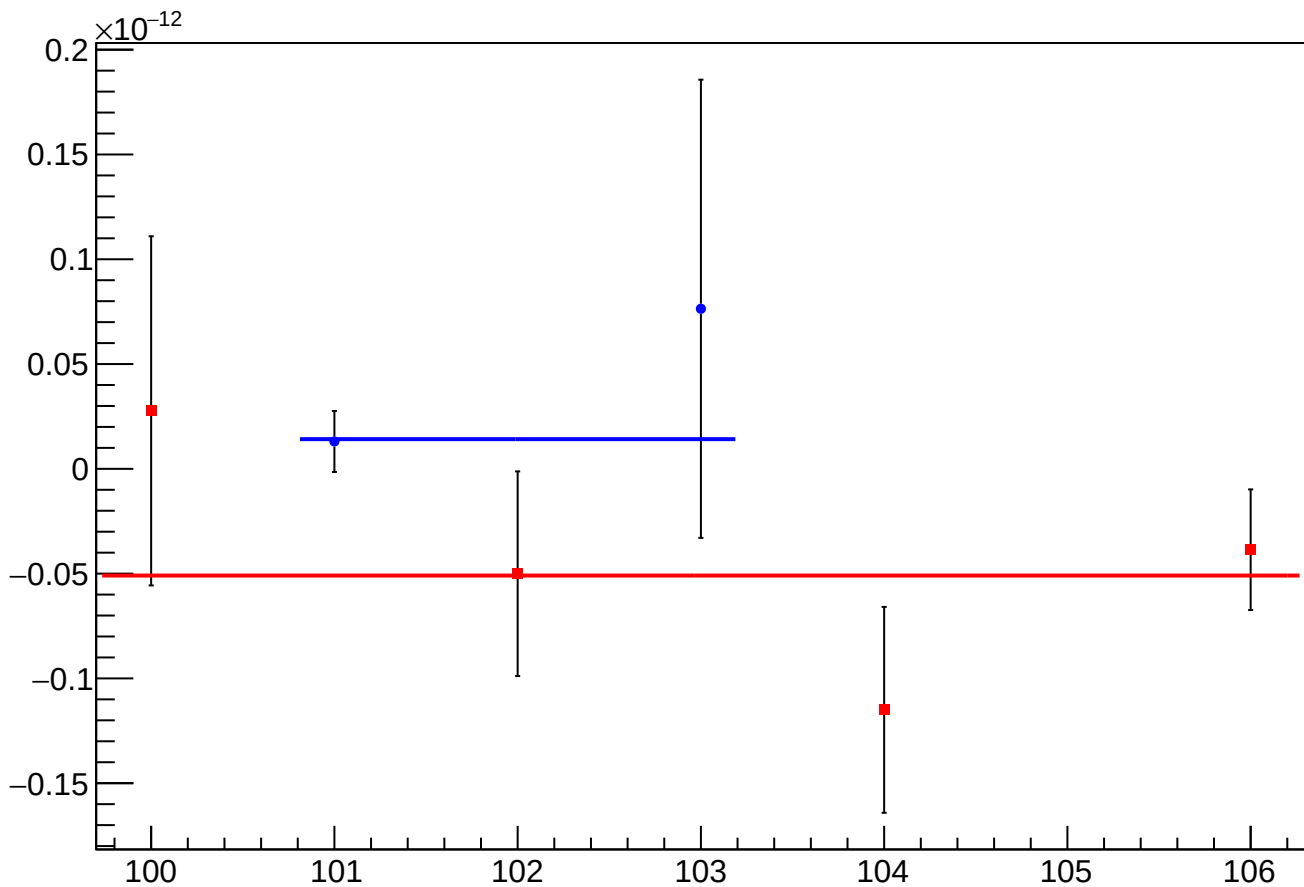
Right: 102.779+/-0.075 χ^2/NDF : 2760247.4/5

In: 106.831+/-0.098 χ^2/NDF : 986853.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.779+/-0.075 χ^2/NDF : 2760247.4/5

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

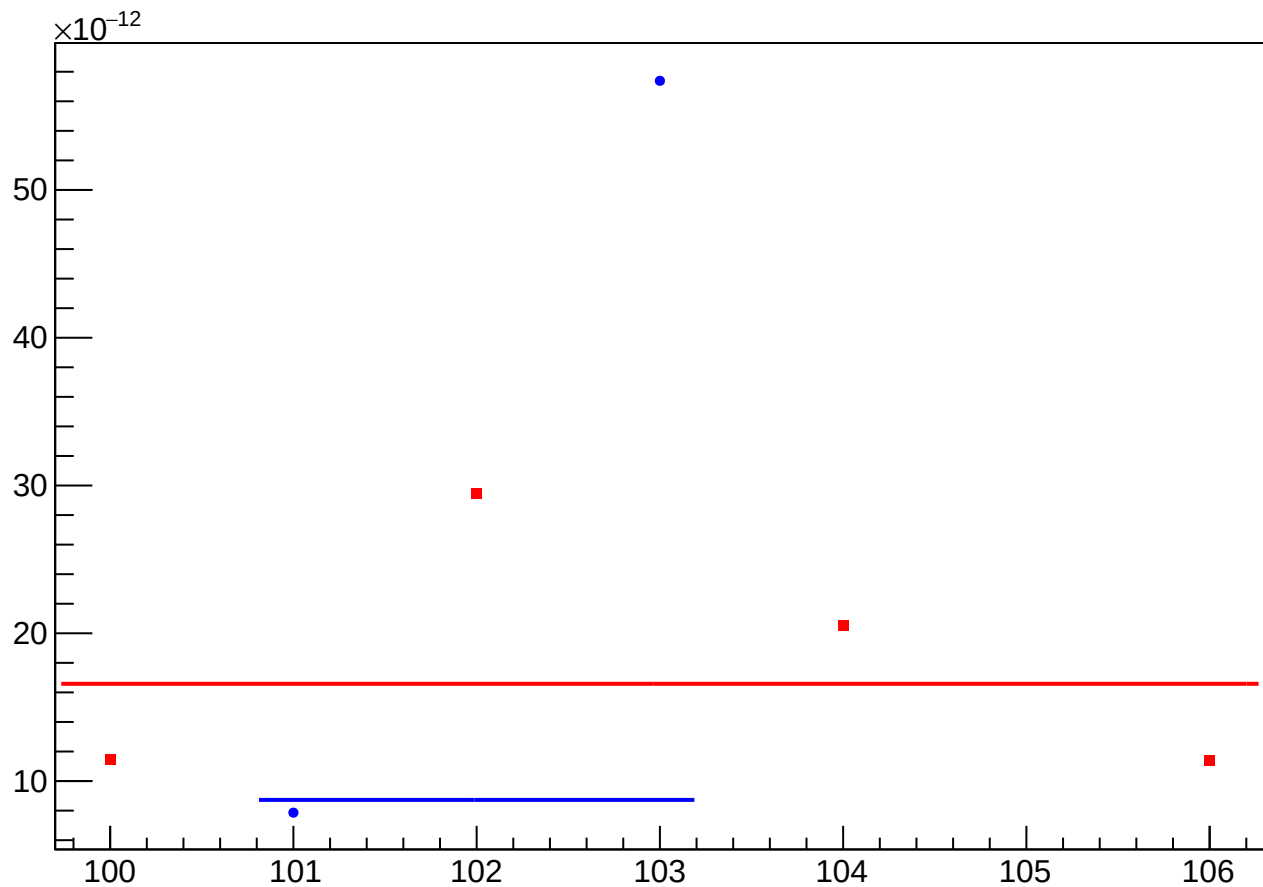
Right: -0.000+/-0.000 χ^2/NDF : 9.5/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.5/5

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 403288.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 224942.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

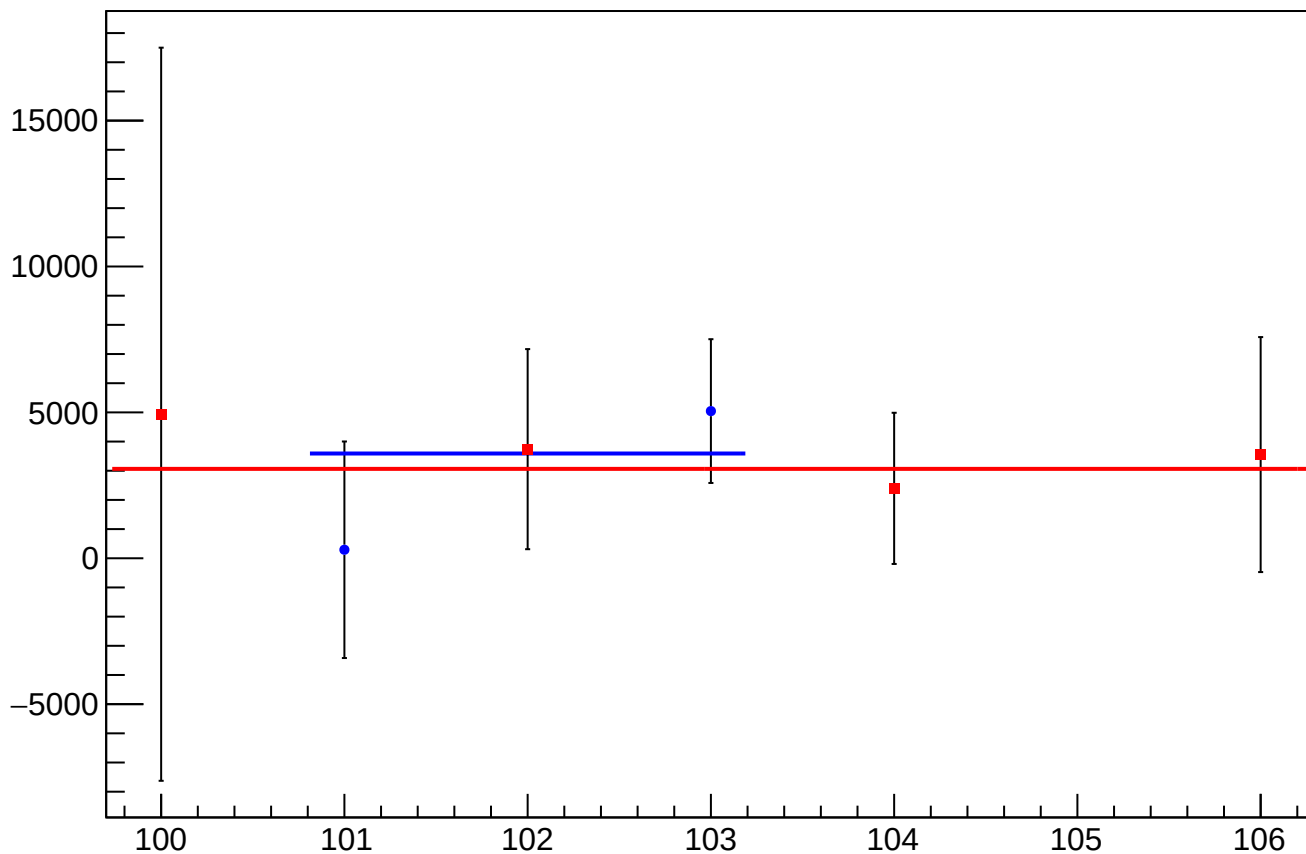
Right: 0.000+/-0.000 χ^2/NDF : 813647.3/5

In: 0.000+/-0.000 χ^2/NDF : 403288.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 813647.3/5

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3590.659+/-2052.540 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3064.095+/-1819.548 χ^2/NDF : 0.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

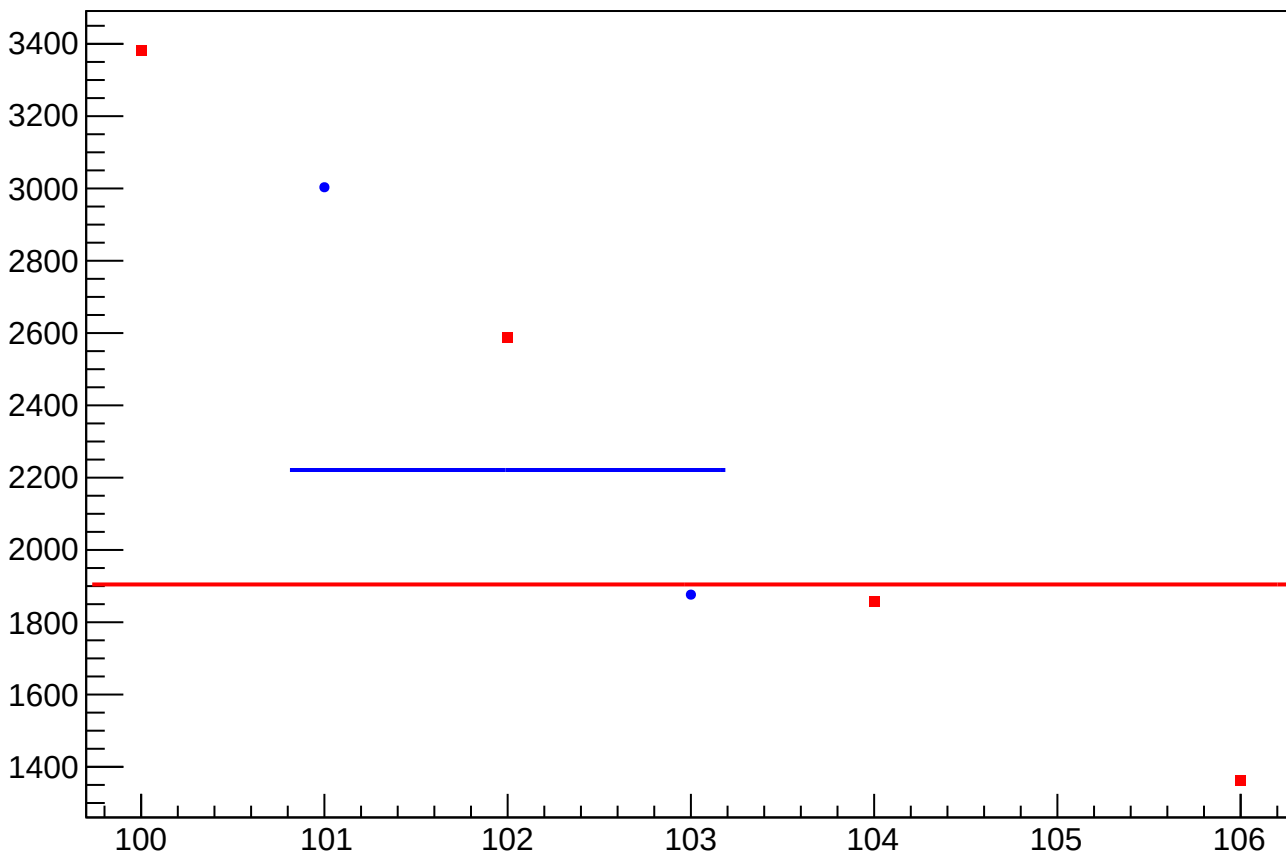
Right: 3295.807+/-1361.571 χ^2/NDF : 1.3/5

In: 3590.659+/-2052.540 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.807+/-1361.571 χ^2/NDF : 1.3/5

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.163+/-1.451 χ^2/NDF : 128034.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1904.550+/-1.192 χ^2/NDF : 172852.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

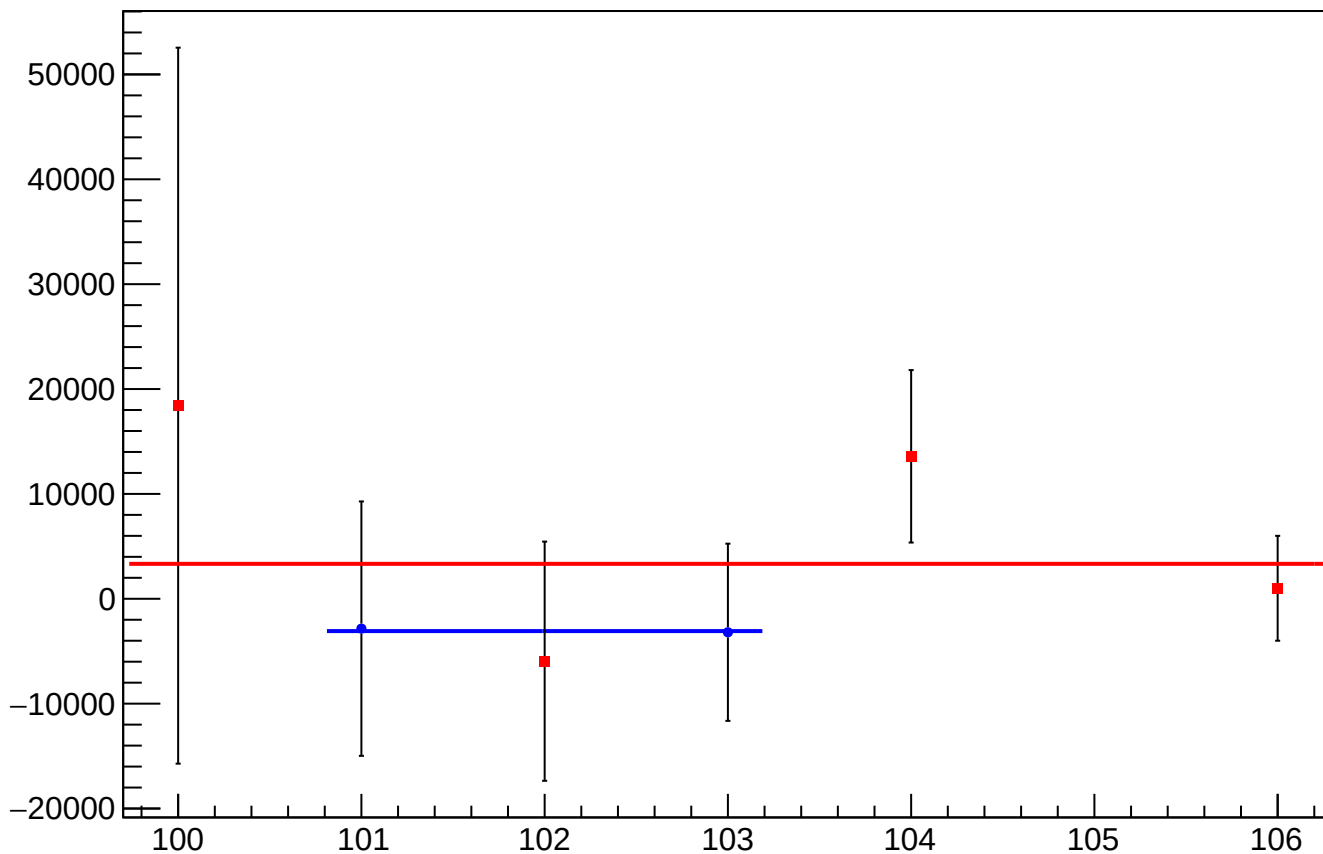
Right: 2032.116+/-0.921 χ^2/NDF : 329301.5/5

In: 2221.163+/-1.451 χ^2/NDF :128034.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2032.116+/-0.921 χ^2/NDF : 329301.5/5

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3080.783+/-6932.210 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3332.093+/-3973.422 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

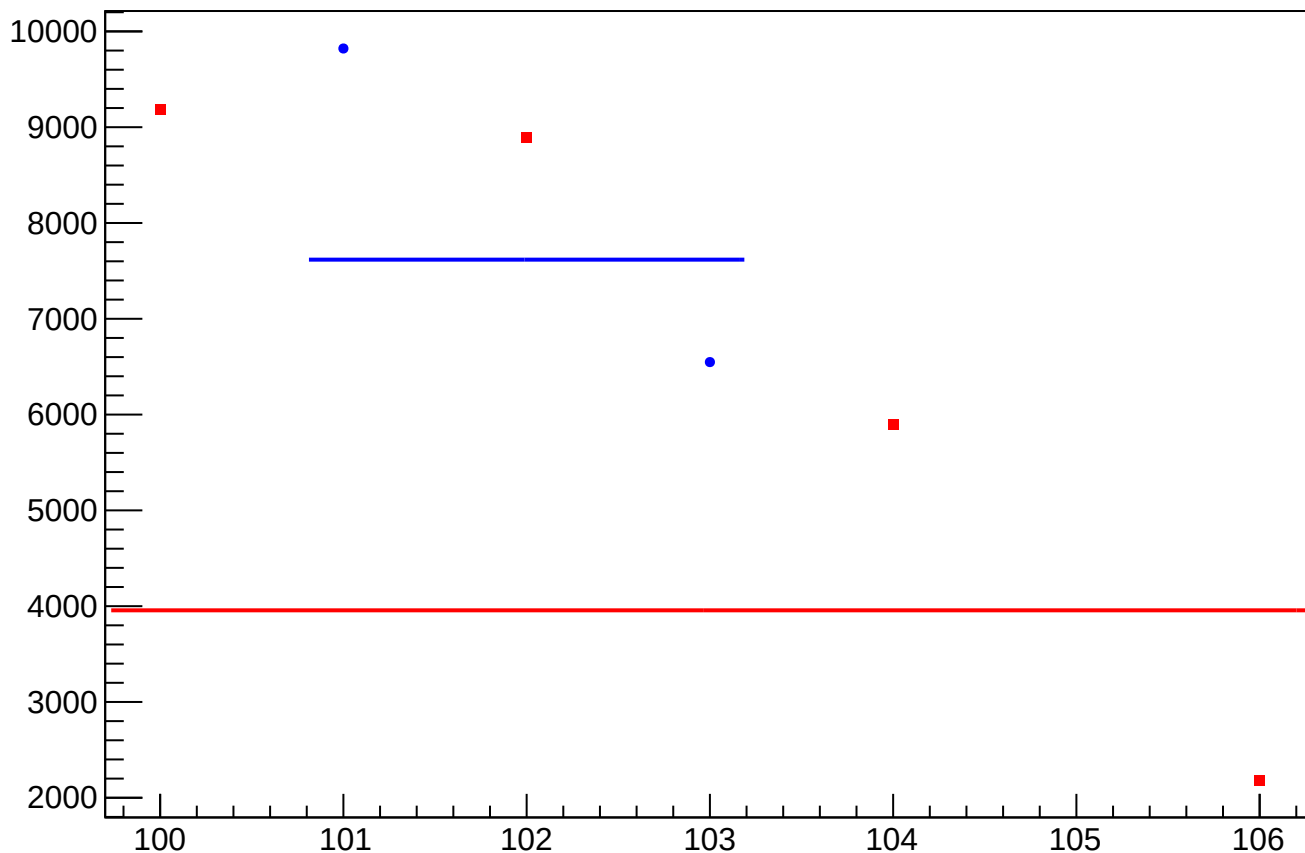
Right: 1746.233+/-3447.289 χ^2/NDF : 3.3/5

In: -3080.783+/-6932.210 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.233+/-3447.289 χ^2/NDF : 3.3/5

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7617.364+/-4.902 χ^2/NDF : 98094.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3956.634+/-2.810 χ^2/NDF : 784057.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

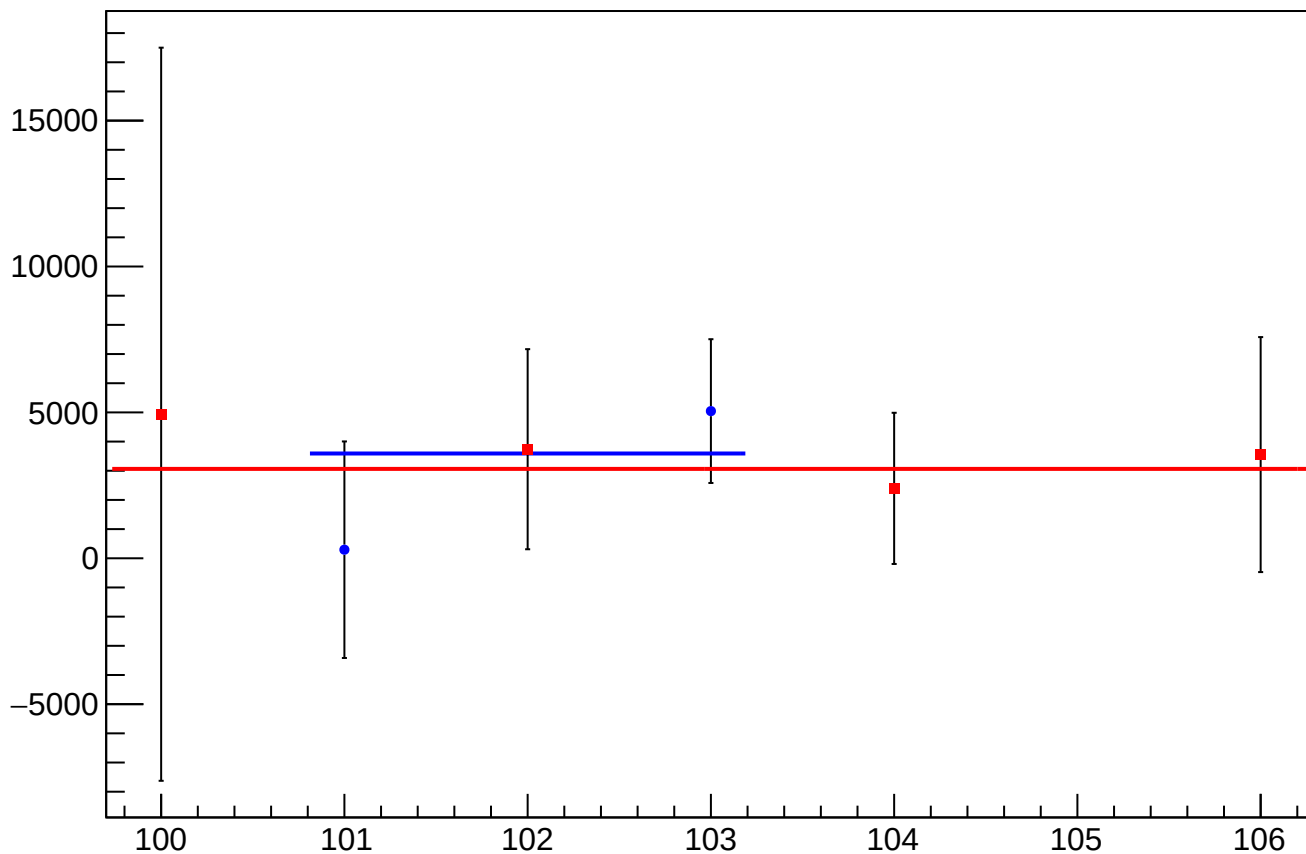
Right: 4861.907+/-2.438 χ^2/NDF : 1301958.0/5

In: 7617.364+/-4.902 χ^2/NDF : 98094.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4861.907+/-2.438 χ^2/NDF : 1301958.0/5

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3063.687+/-1819.549 χ^2/NDF : 0.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

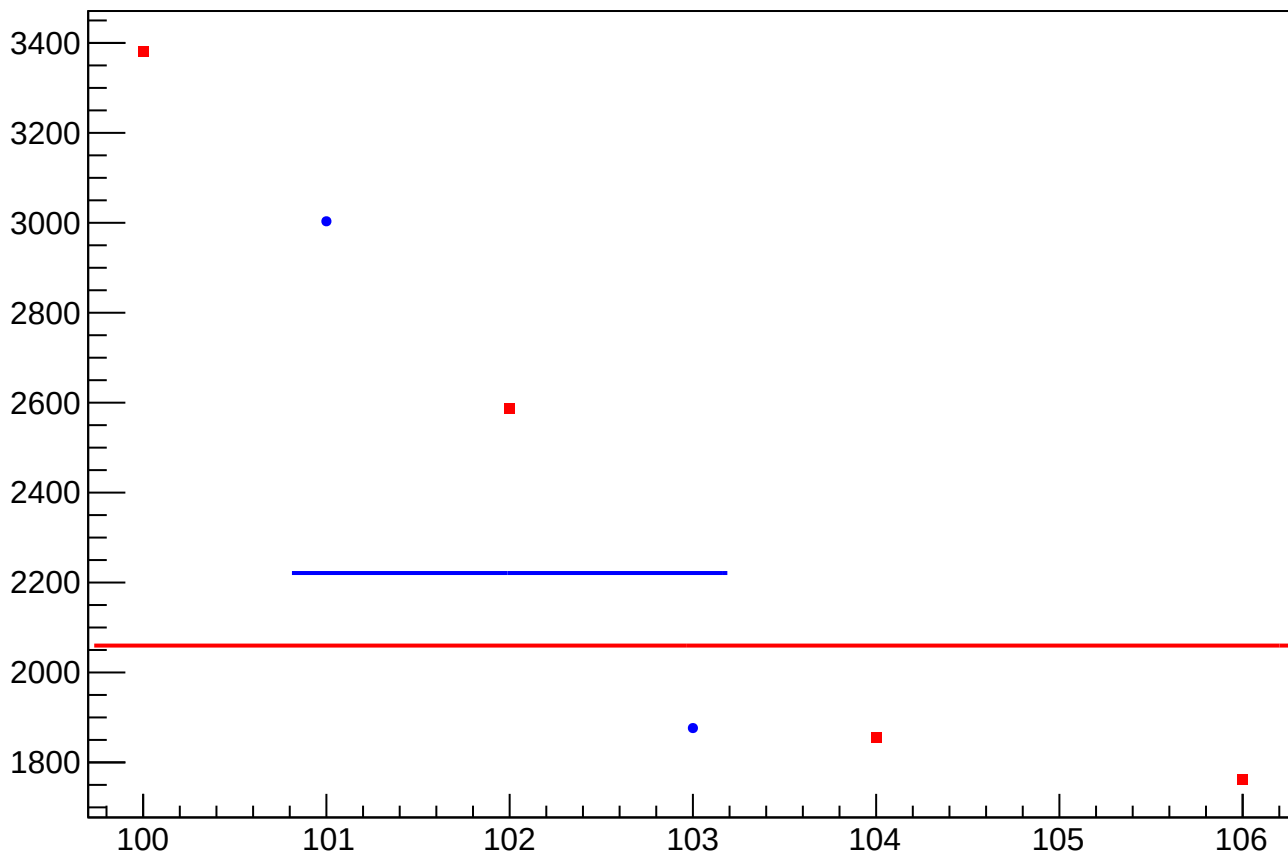
Right: 3295.904+/-1361.571 χ^2/NDF : 1.3/5

In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.904+/-1361.571 χ^2/NDF : 1.3/5

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2059.813+/-1.255 χ^2/NDF : 95486.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

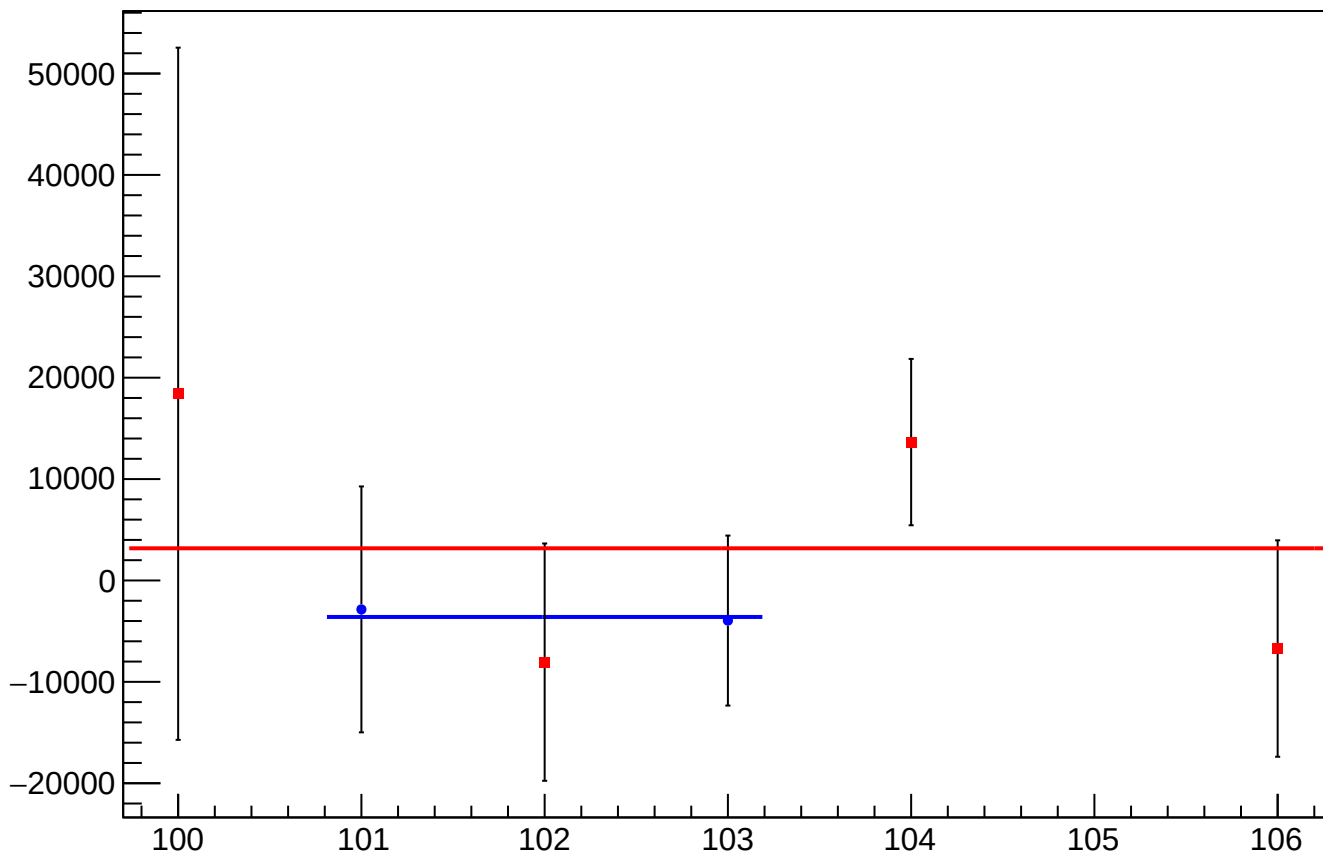
Right: 2128.859+/-0.949 χ^2/NDF : 230590.8/5

In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.859+/-0.949 χ^2/NDF : 230590.8/5

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3172.696 $\pm$ 5608.047 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

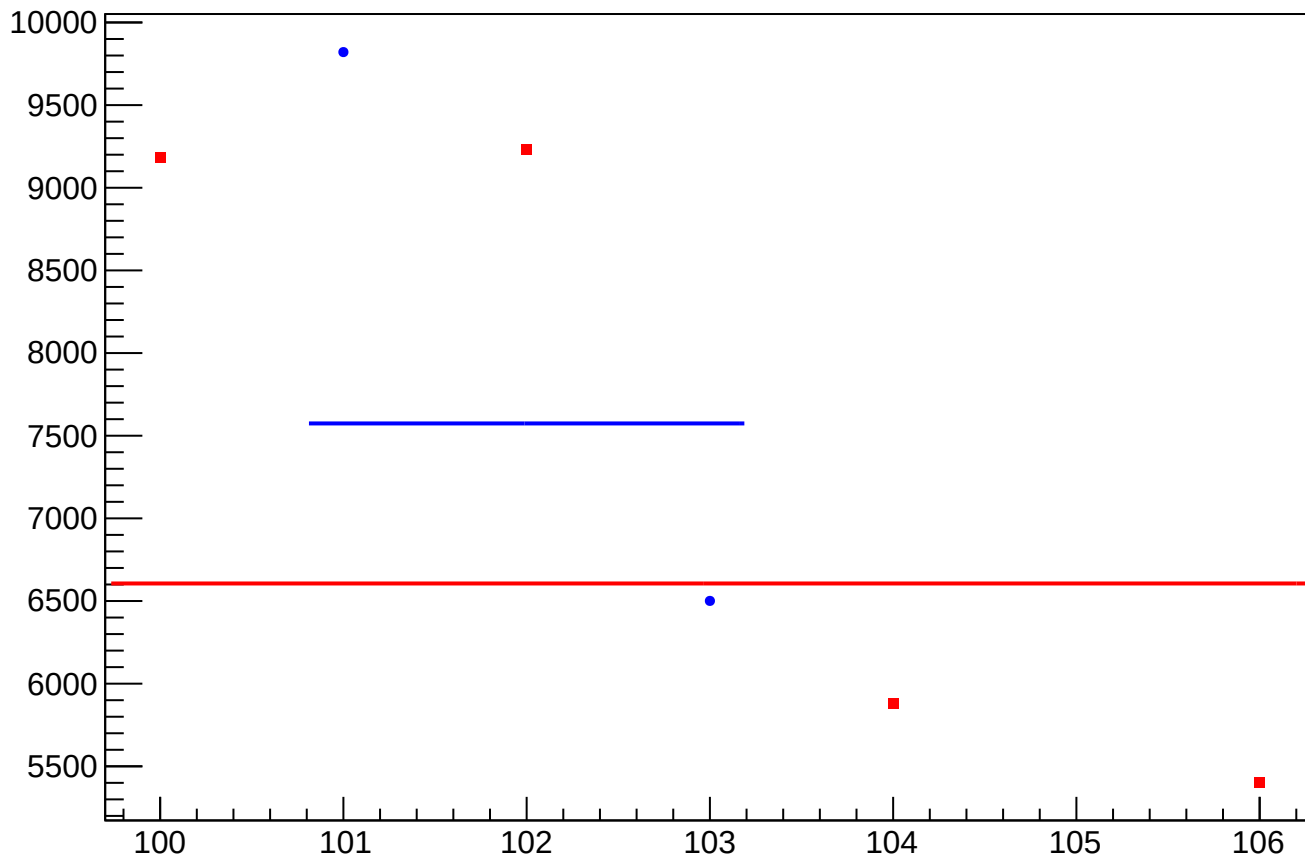
Right: 476.974 $\pm$ 4351.067 χ^2 /NDF: 4.2/5

In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.974 $\pm$ 4351.067 χ^2 /NDF: 4.2/5

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6606.114+/-3.965 χ^2/NDF : 152993.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

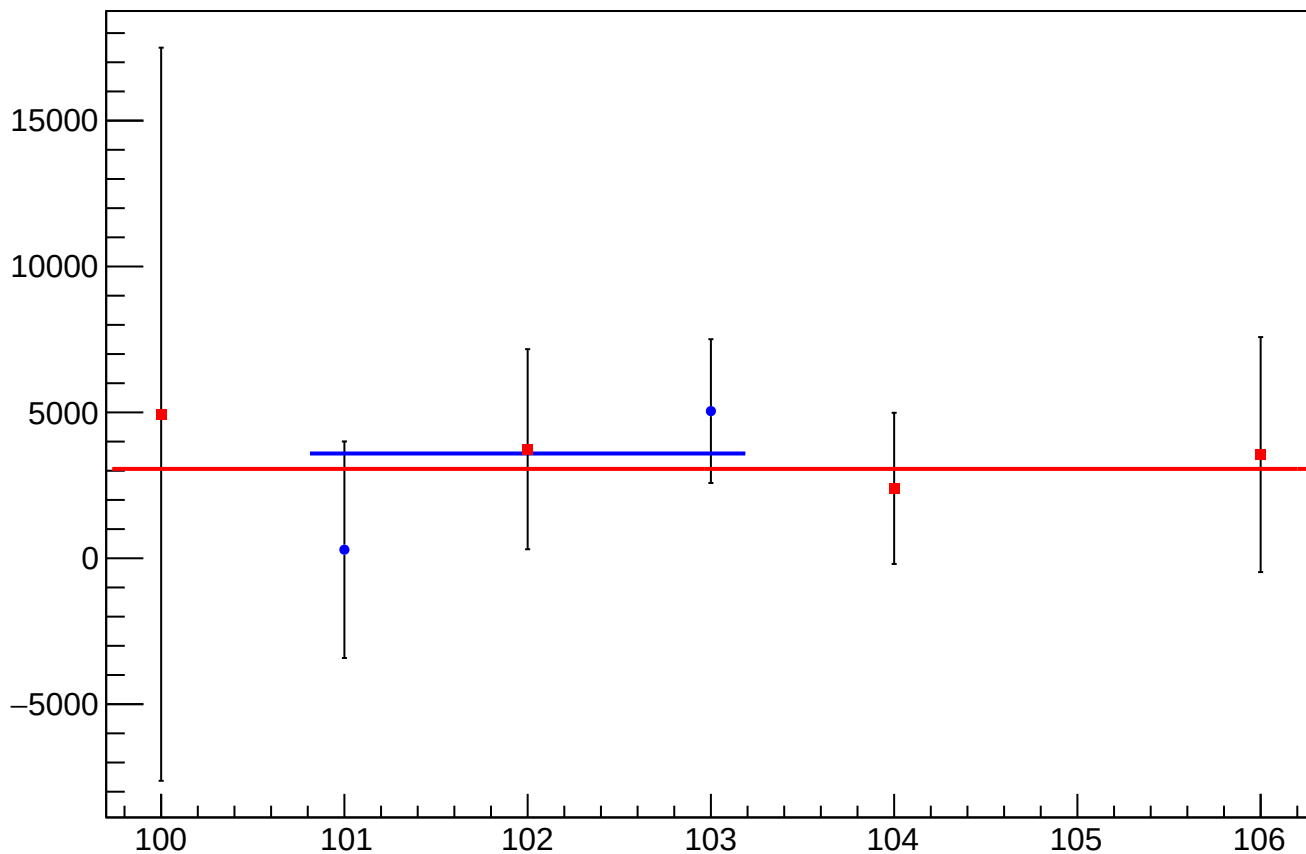
Right: 6991.477+/-3.077 χ^2/NDF : 278131.6/5

In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6991.477+/-3.077 χ^2/NDF : 278131.6/5

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3063.687+/-1819.549 χ^2/NDF : 0.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

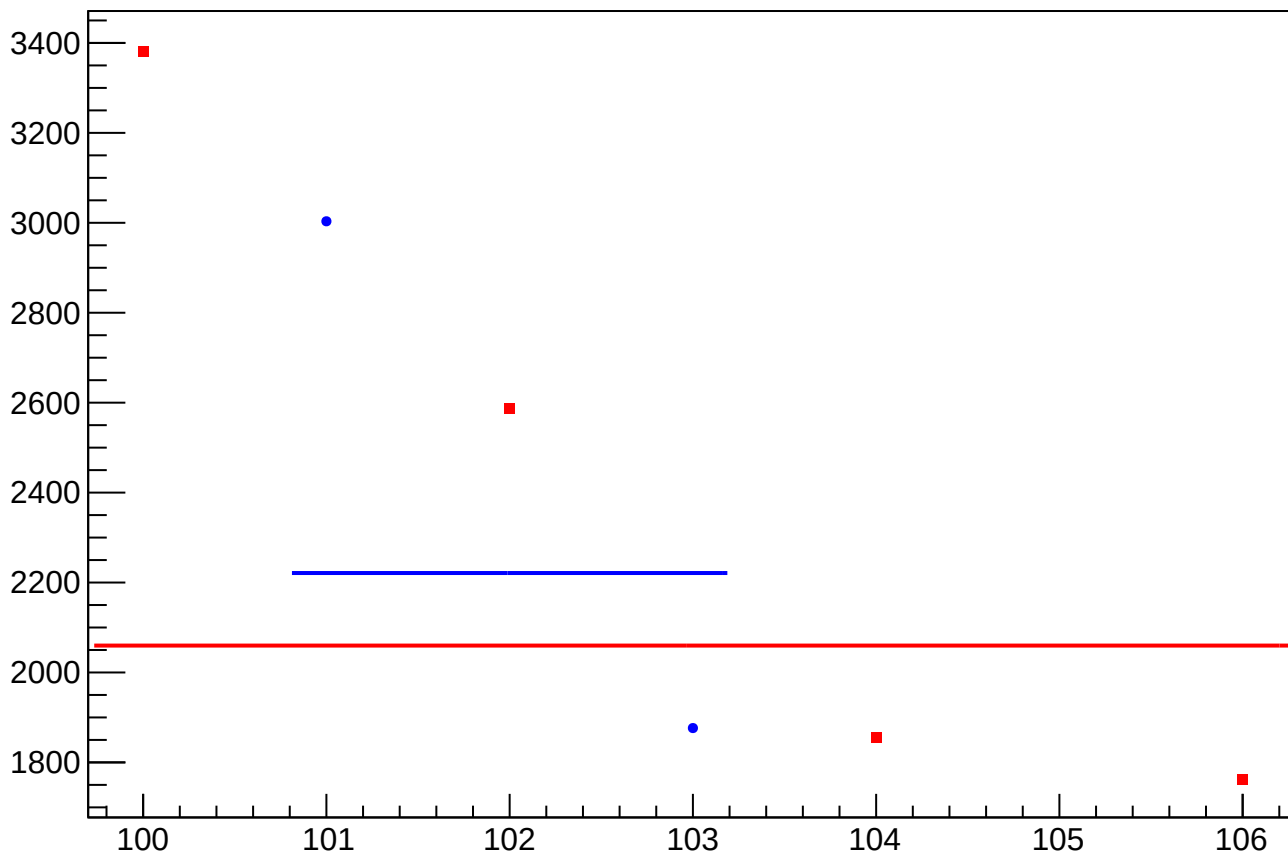
Right: 3295.904+/-1361.571 χ^2/NDF : 1.3/5

In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.904+/-1361.571 χ^2/NDF : 1.3/5

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2221.162+/-1.451 χ^2 /NDF: 128034.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2059.813+/-1.255 χ^2 /NDF: 95486.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

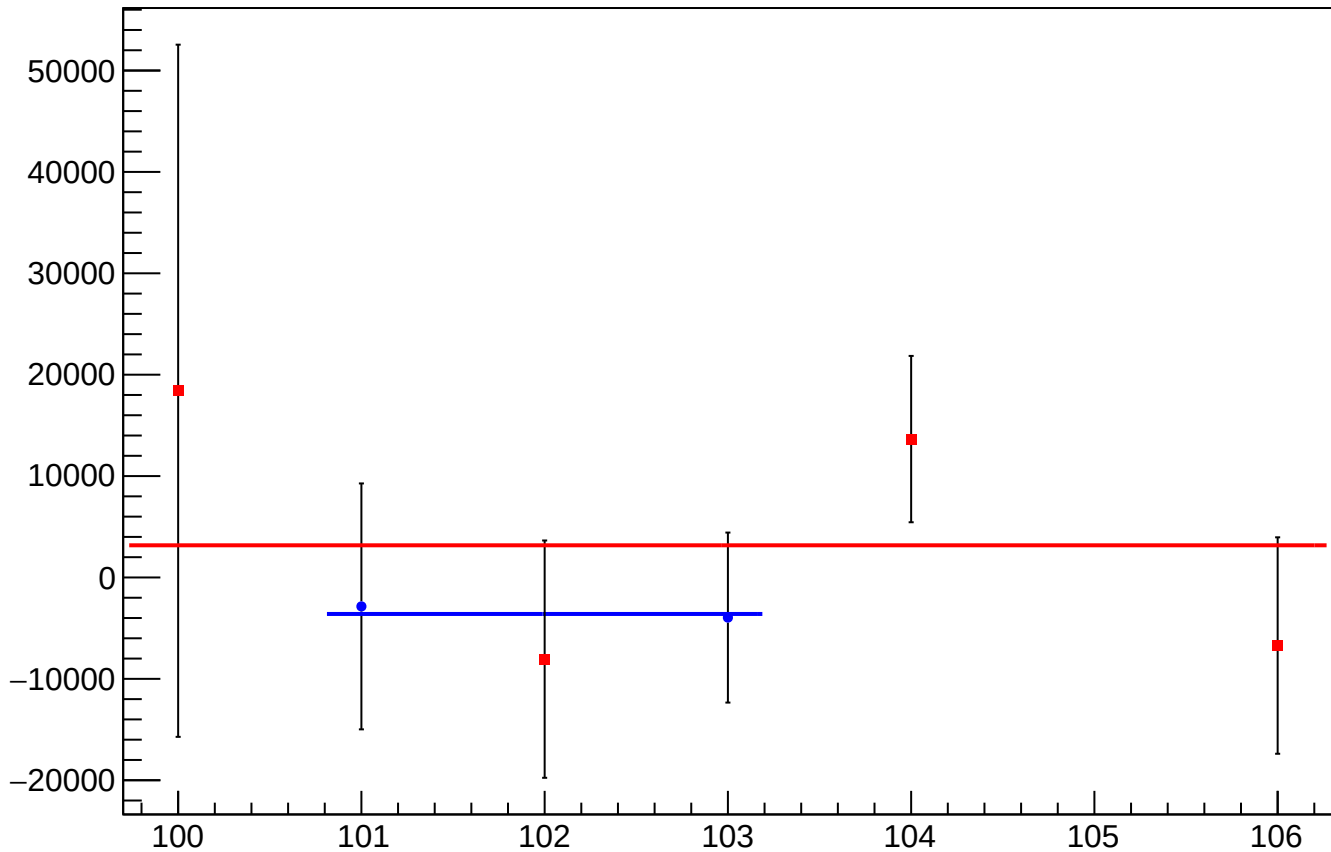
Right: 2128.859+/-0.949 χ^2 /NDF: 230590.8/5

In: 2221.162+/-1.451 χ^2 /NDF:128034.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2128.859+/-0.949 χ^2 /NDF: 230590.8/5

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3172.696 $\pm$ 5608.047 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

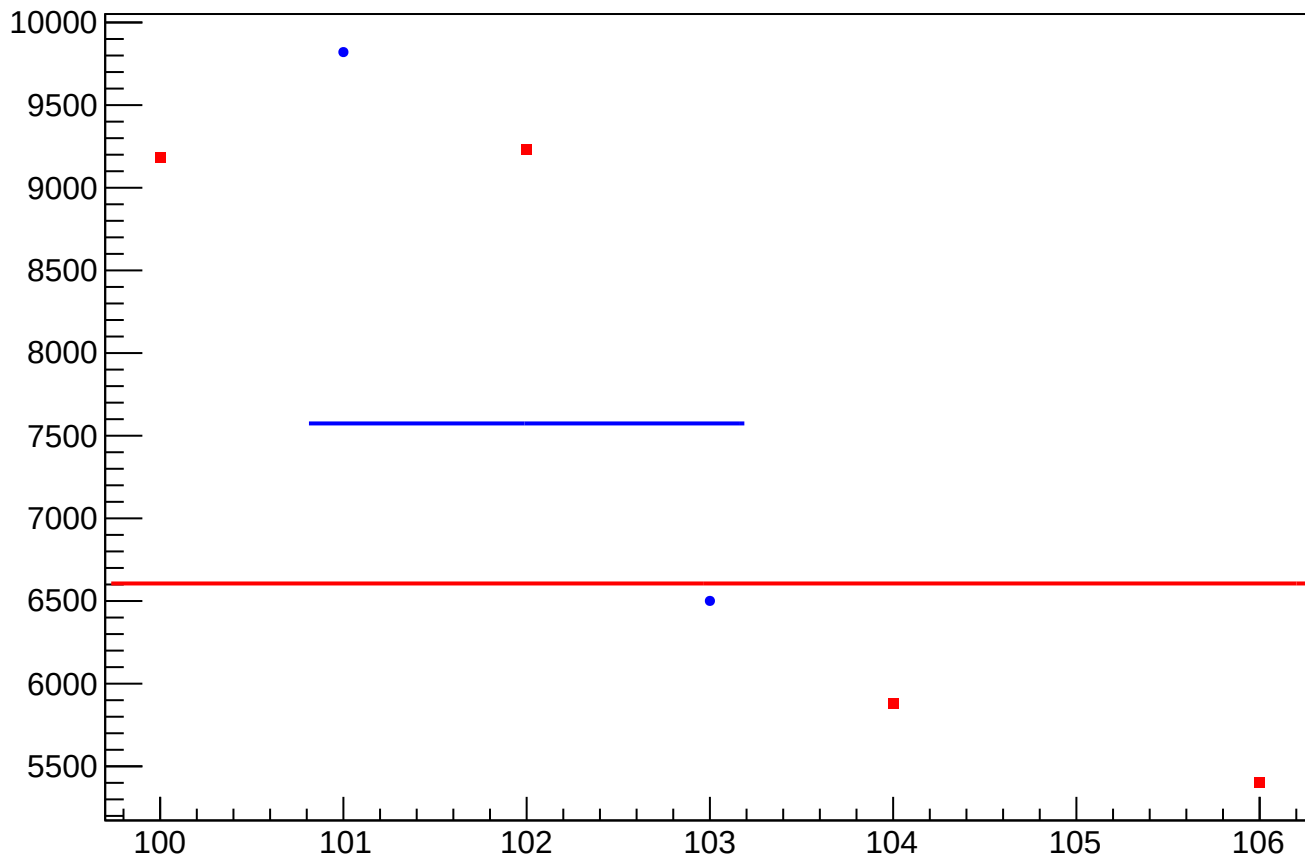
Right: 476.974 $\pm$ 4351.067 χ^2 /NDF: 4.2/5

In: -3599.808 $\pm$ 6896.565 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.974 $\pm$ 4351.067 χ^2 /NDF: 4.2/5

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6606.114+/-3.965 χ^2/NDF : 152993.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

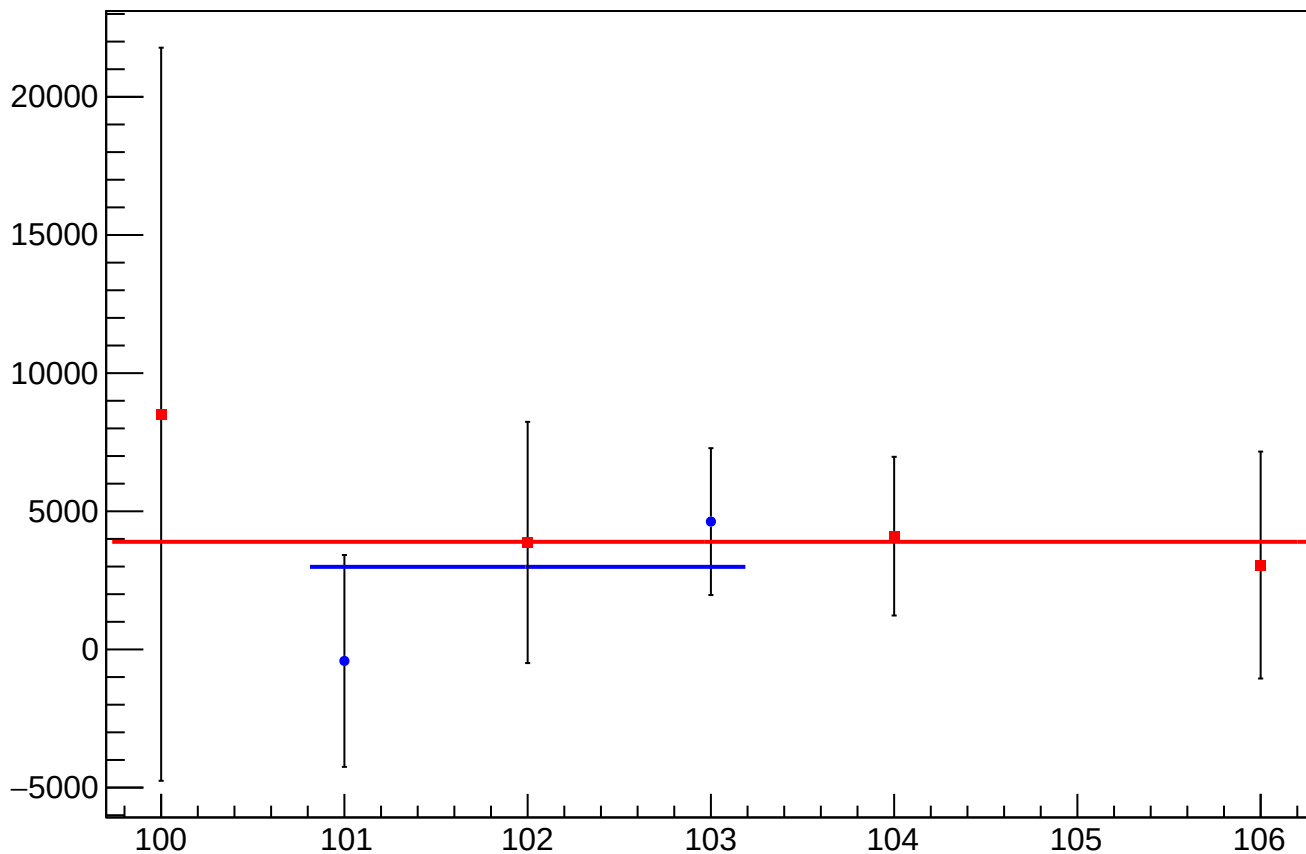
Right: 6991.477+/-3.077 χ^2/NDF : 278131.6/5

In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6991.477+/-3.077 χ^2/NDF : 278131.6/5

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2989.598 $\pm$ 2184.426 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3895.317 $\pm$ 2046.840 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

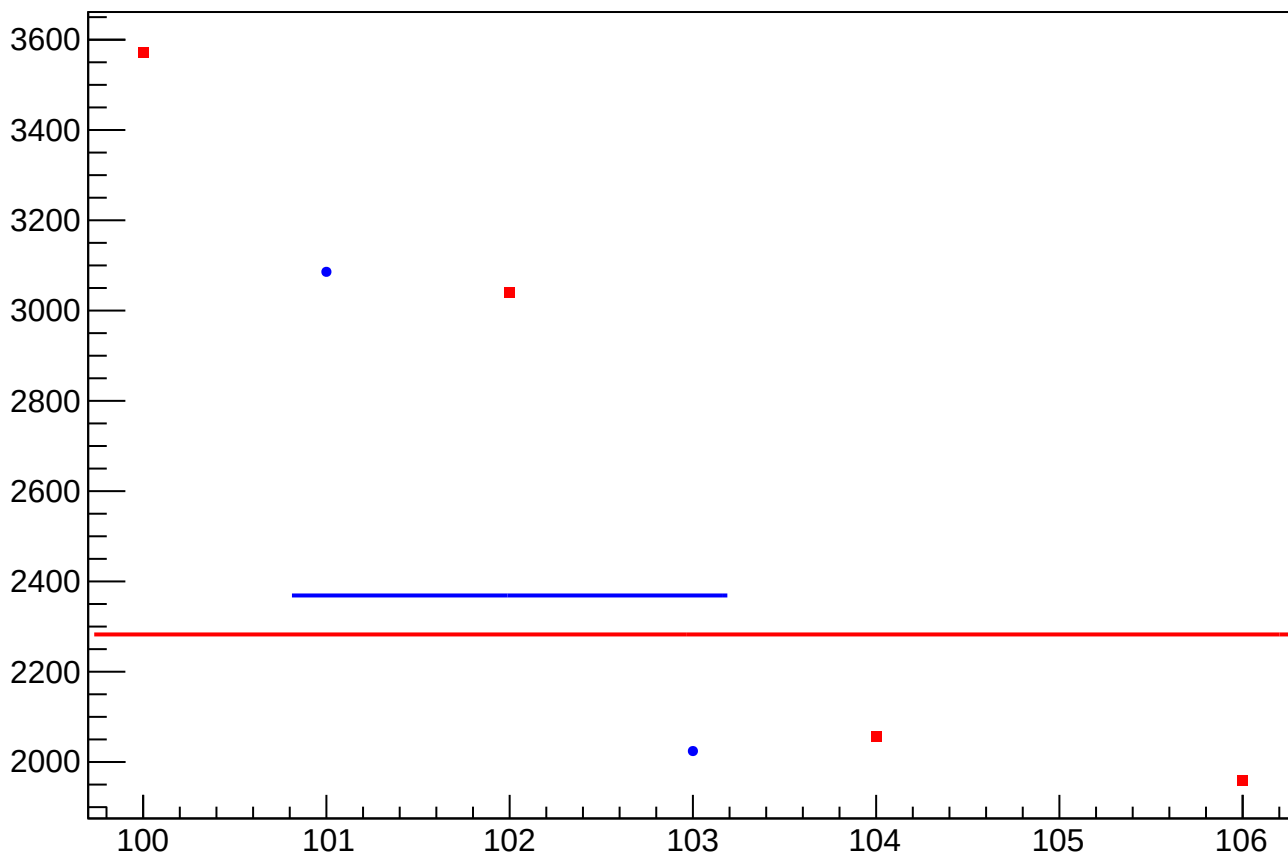
Right: 3471.877 $\pm$ 1493.607 χ^2 /NDF: 1.4/5

In: 2989.598 $\pm$ 2184.426 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3471.877 $\pm$ 1493.607 χ^2 /NDF: 1.4/5

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.895+/-1.545 χ^2/NDF : 103558.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2282.552+/-1.442 χ^2/NDF : 104015.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

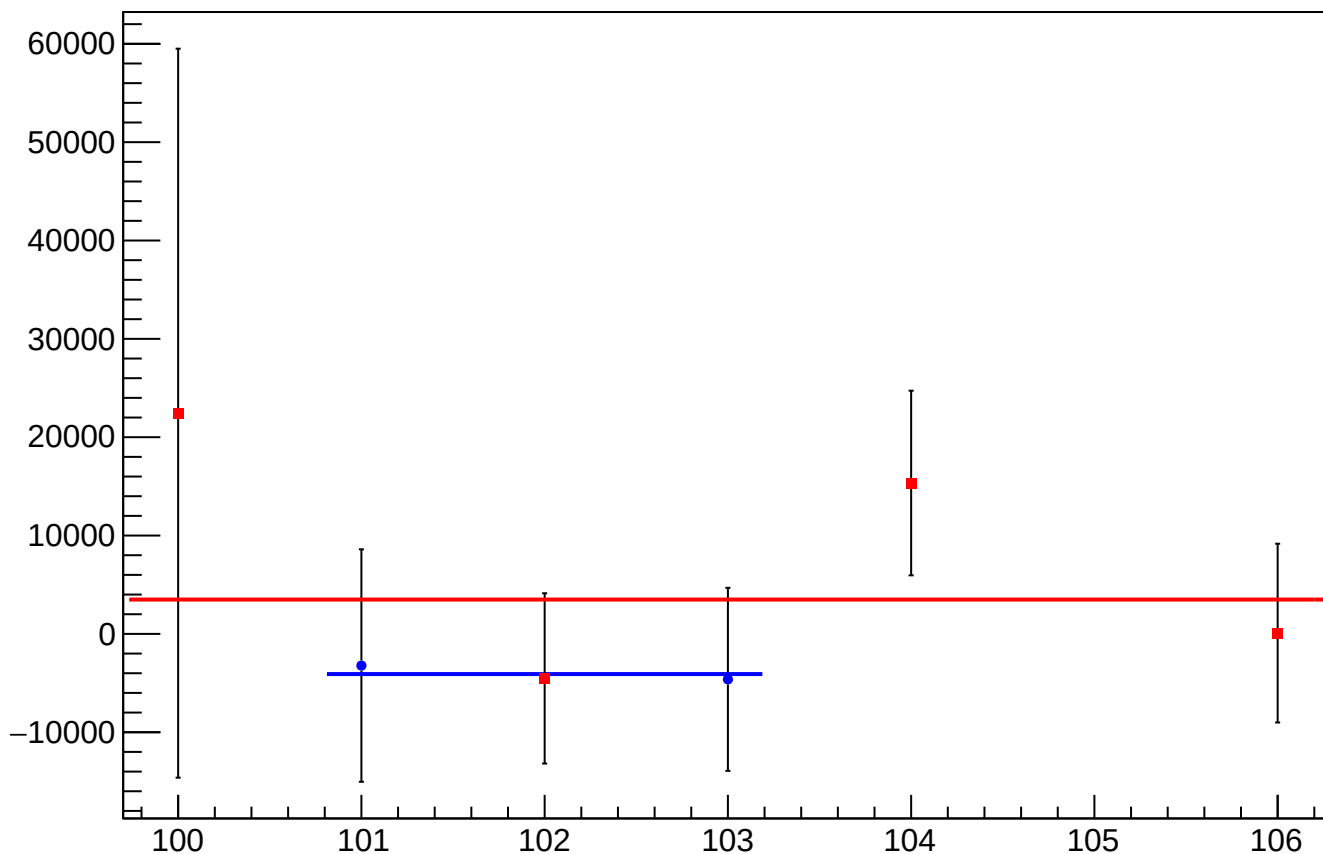
Right: 2322.762+/-1.054 χ^2/NDF : 209243.1/5

In: 2368.895+/-1.545 χ^2/NDF : 103558.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.762+/-1.054 χ^2/NDF : 209243.1/5

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4084.907+/-7312.229 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3492.568+/-5162.238 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

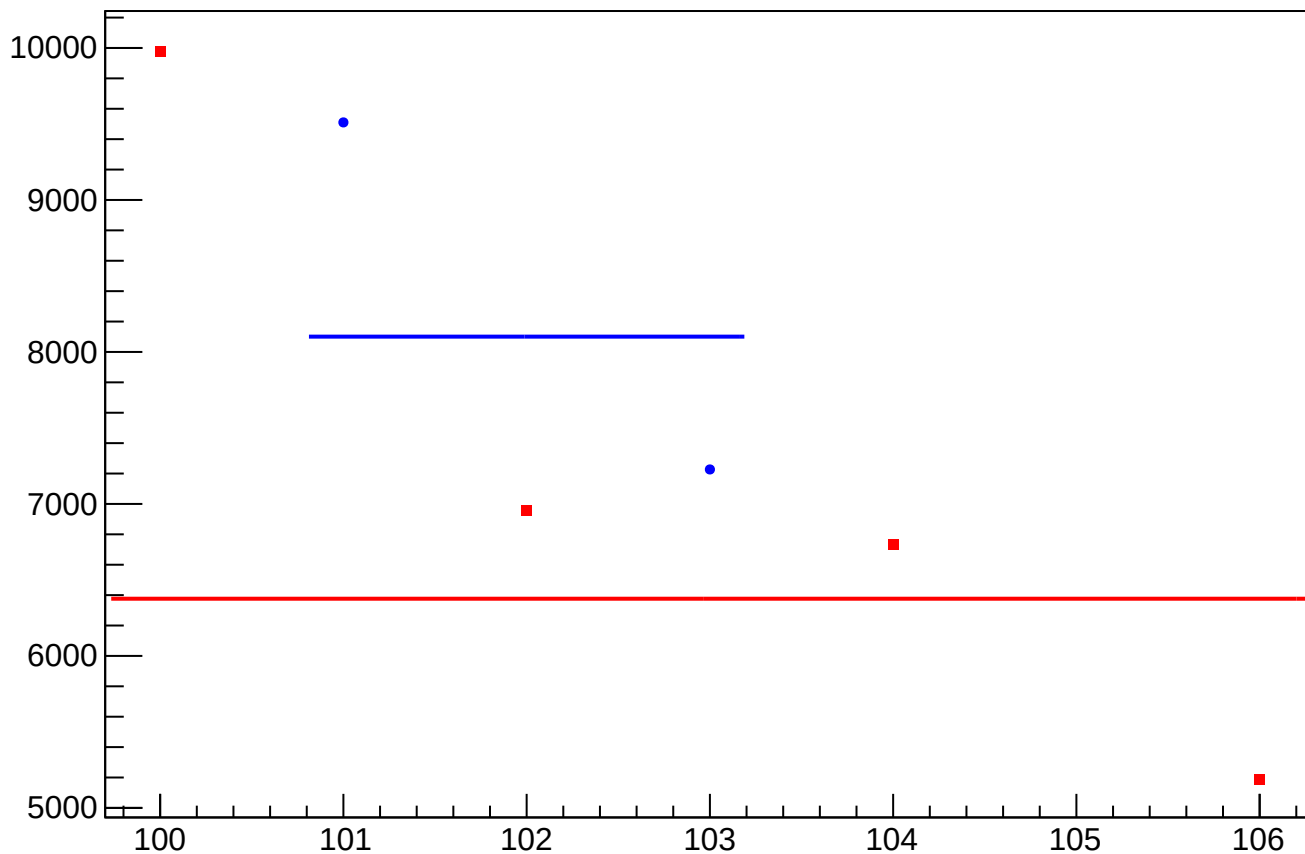
Right: 972.143+/-4217.202 χ^2/NDF : 3.6/5

In: -4084.907+/-7312.229 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.143+/-4217.202 χ^2/NDF : 3.6/5

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8100.776+/-5.171 χ^2/NDF : 46073.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6376.352+/-3.650 χ^2/NDF : 65123.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

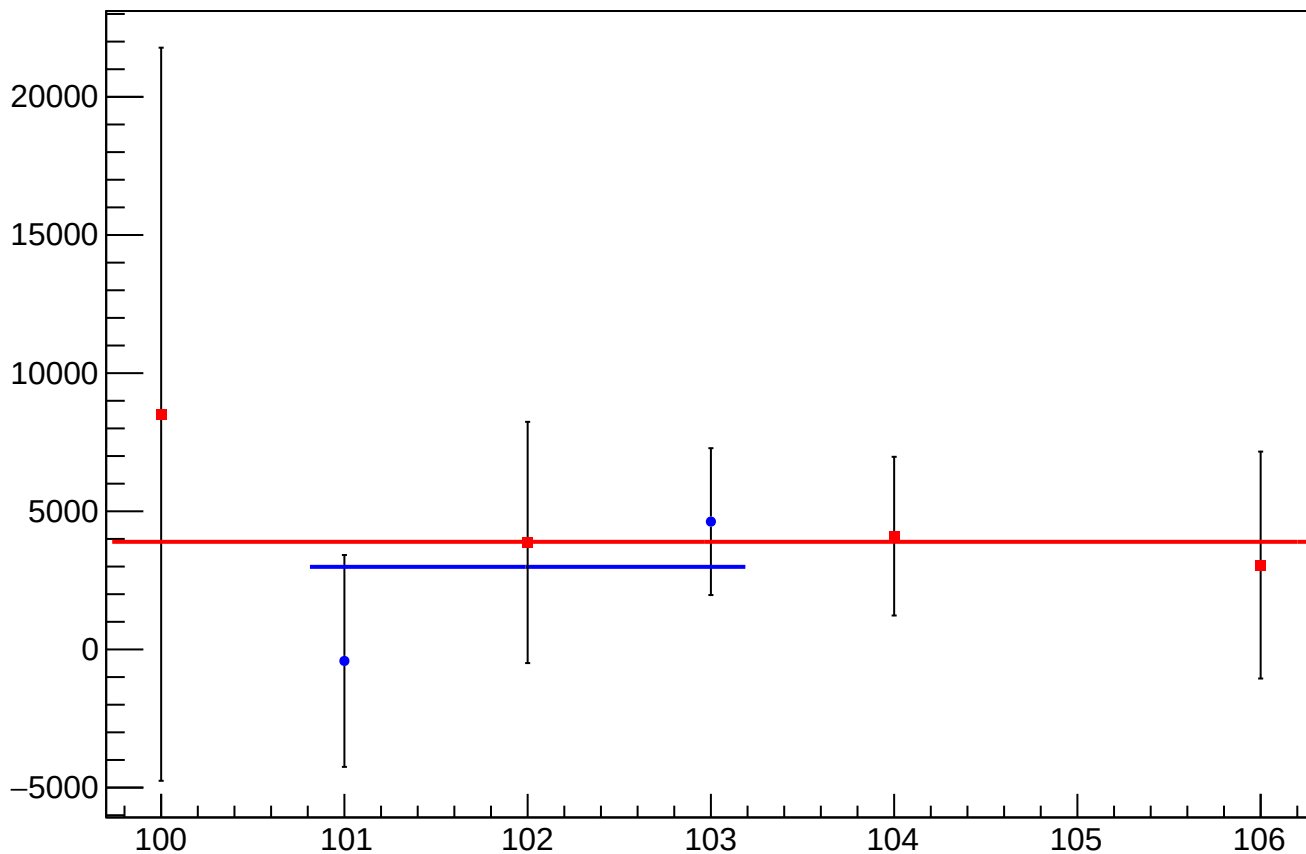
Right: 6949.931+/-2.982 χ^2/NDF : 185428.4/5

In: 8100.776+/-5.171 χ^2/NDF : 46073.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6949.931+/-2.982 χ^2/NDF : 185428.4/5

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2989.585+/-2184.425 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3895.315+/-2046.839 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

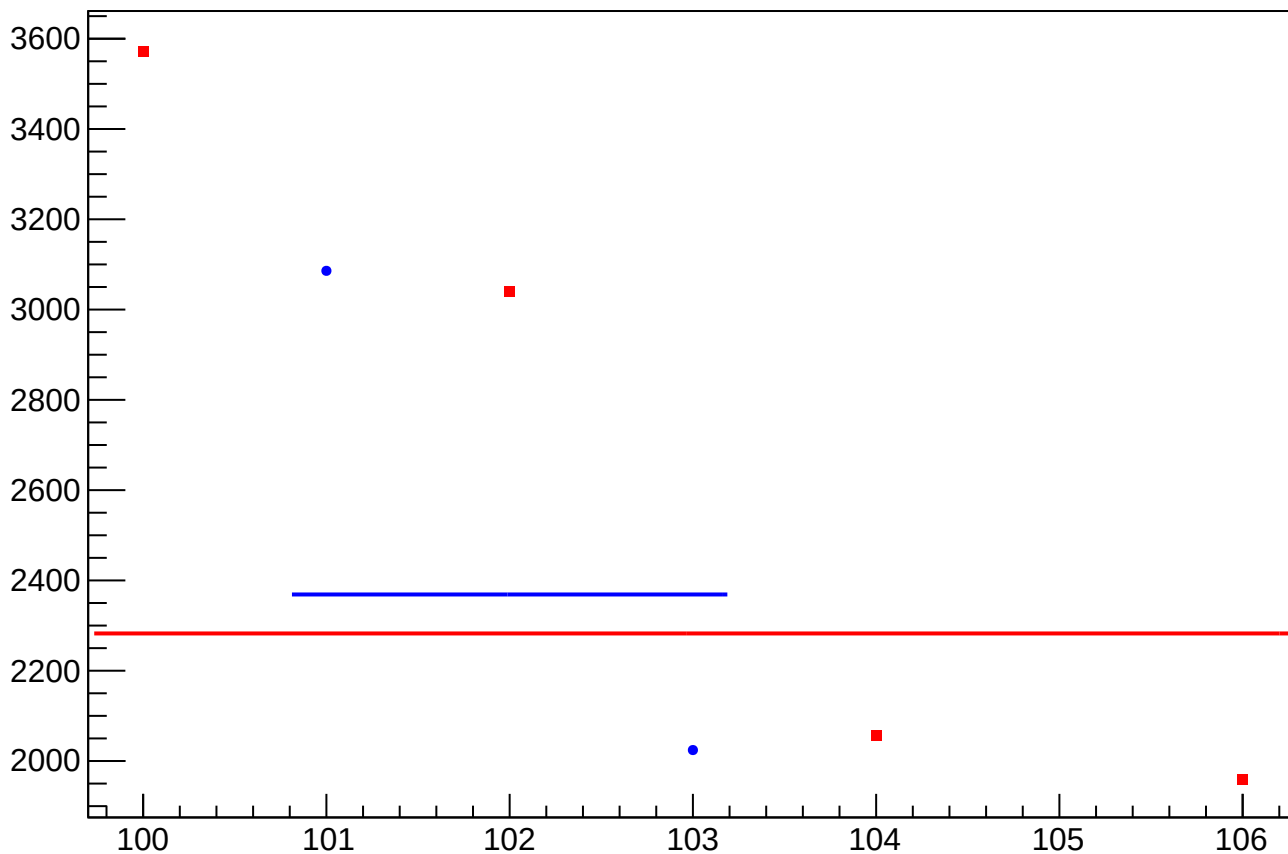
Right: 3471.870+/-1493.607 χ^2/NDF : 1.4/5

In: 2989.585+/-2184.425 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3471.870+/-1493.607 χ^2/NDF : 1.4/5

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2368.894+/-1.545 χ^2/NDF : 103558.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2282.551+/-1.442 χ^2/NDF : 104015.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

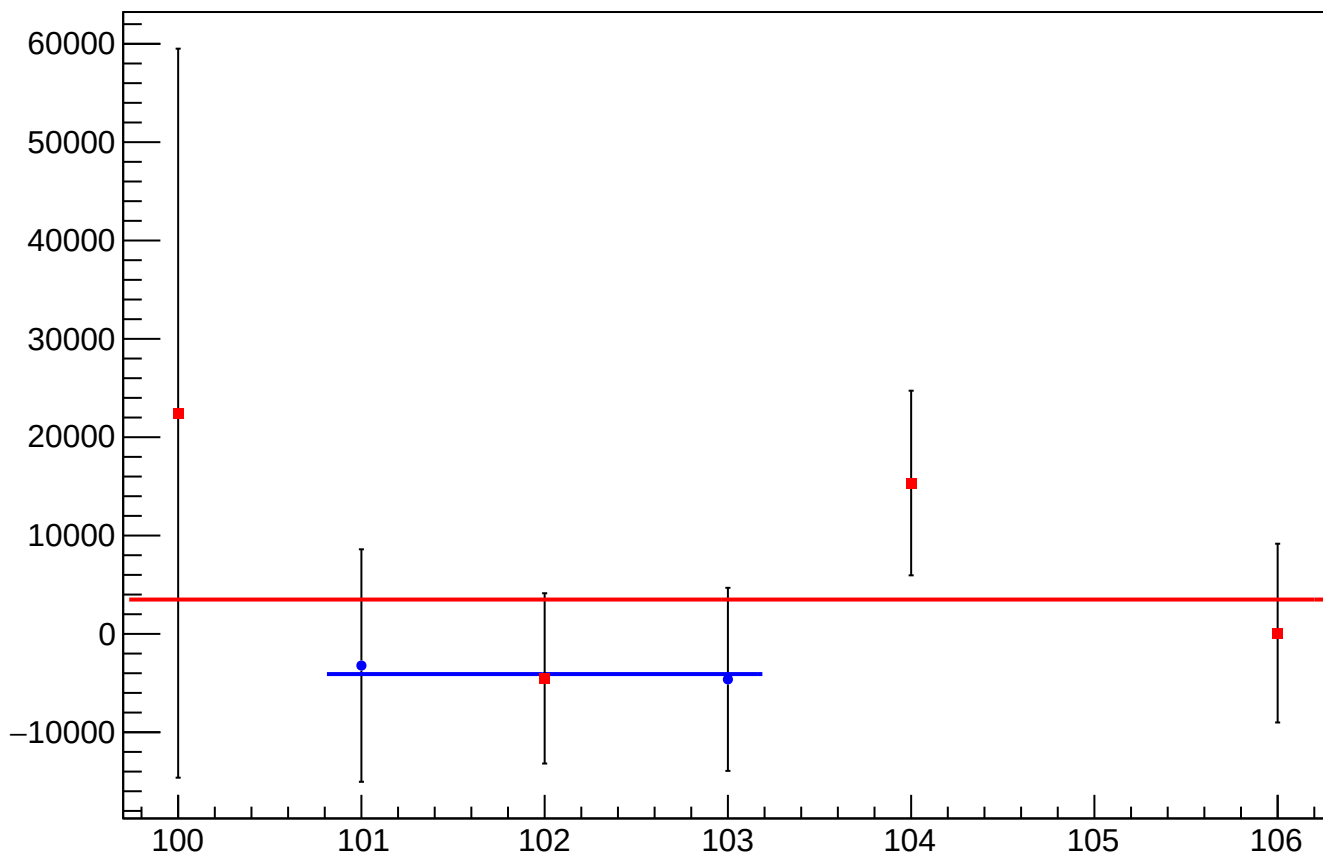
Right: 2322.761+/-1.054 χ^2/NDF : 209243.3/5

In: 2368.894+/-1.545 χ^2/NDF : 103558.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.761+/-1.054 χ^2/NDF : 209243.3/5

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4084.918+/-7312.223 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3492.574+/-5162.232 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

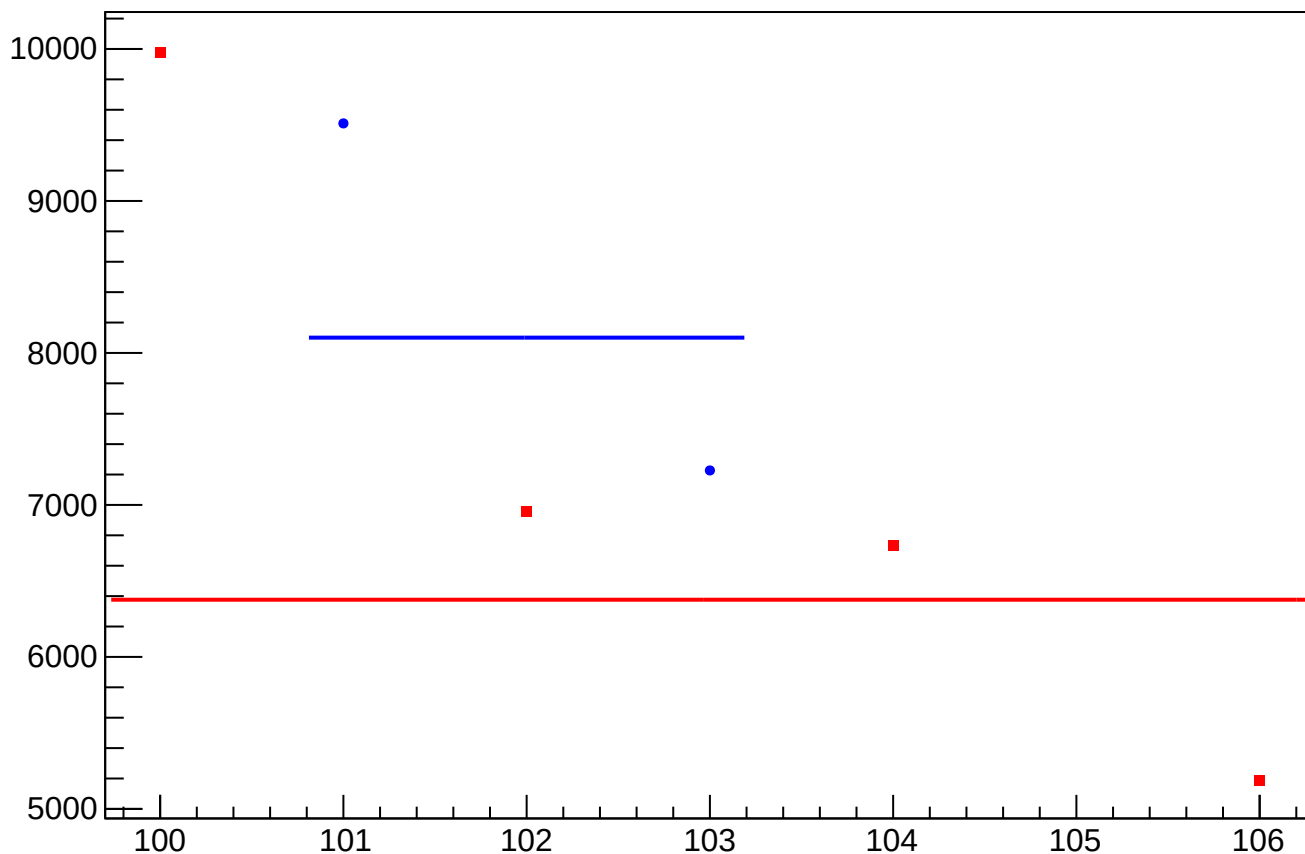
Right: 972.145+/-4217.197 χ^2/NDF : 3.6/5

In: -4084.918+/-7312.223 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 972.145+/-4217.197 χ^2/NDF : 3.6/5

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8100.769+/-5.171 χ^2/NDF : 46073.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6376.344+/-3.650 χ^2/NDF : 65123.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

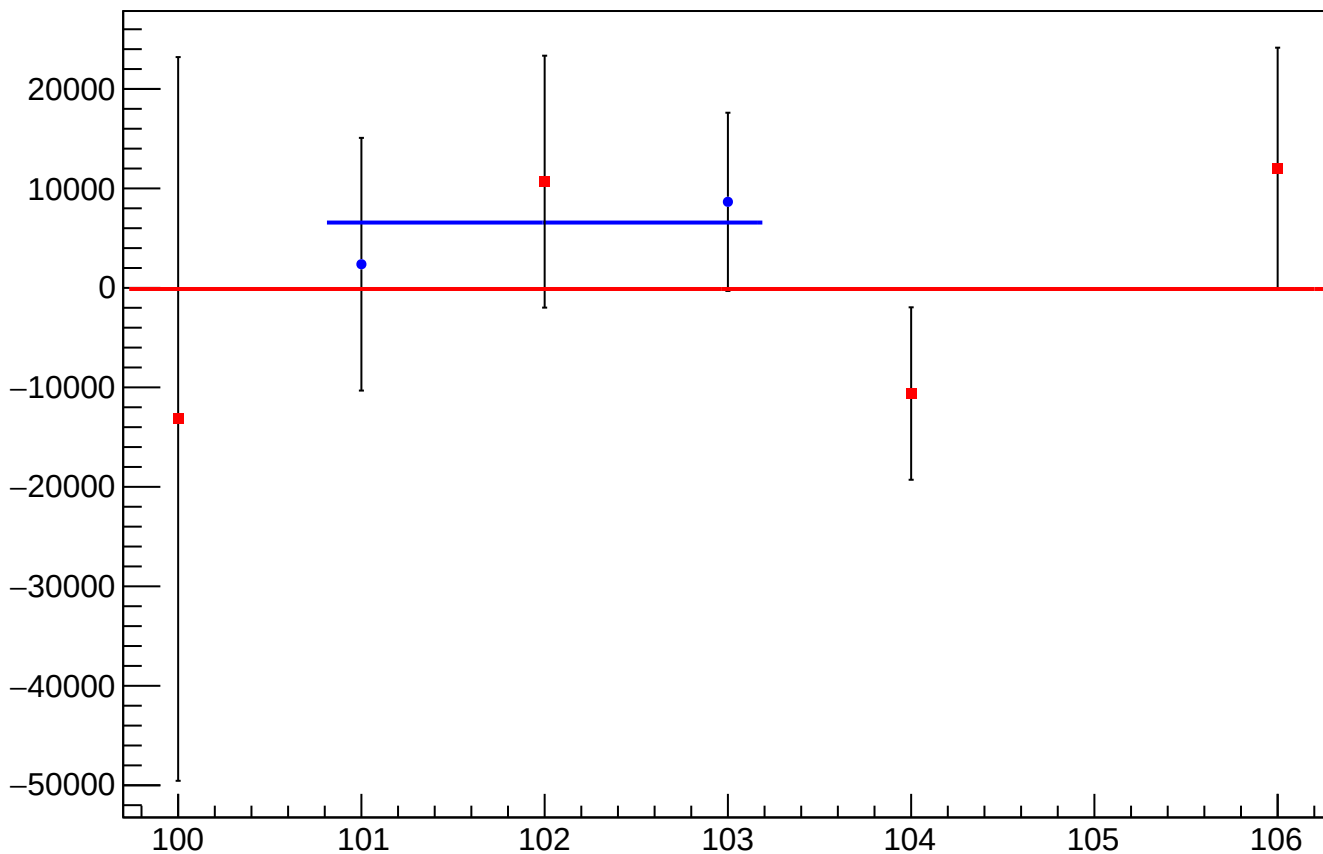
Right: 6949.924+/-2.982 χ^2/NDF : 185429.0/5

In: 8100.769+/-5.171 χ^2/NDF : 46073.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6949.924+/-2.982 χ^2/NDF : 185429.0/5

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 6569.088+/-7319.739 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.957+/-6075.000 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

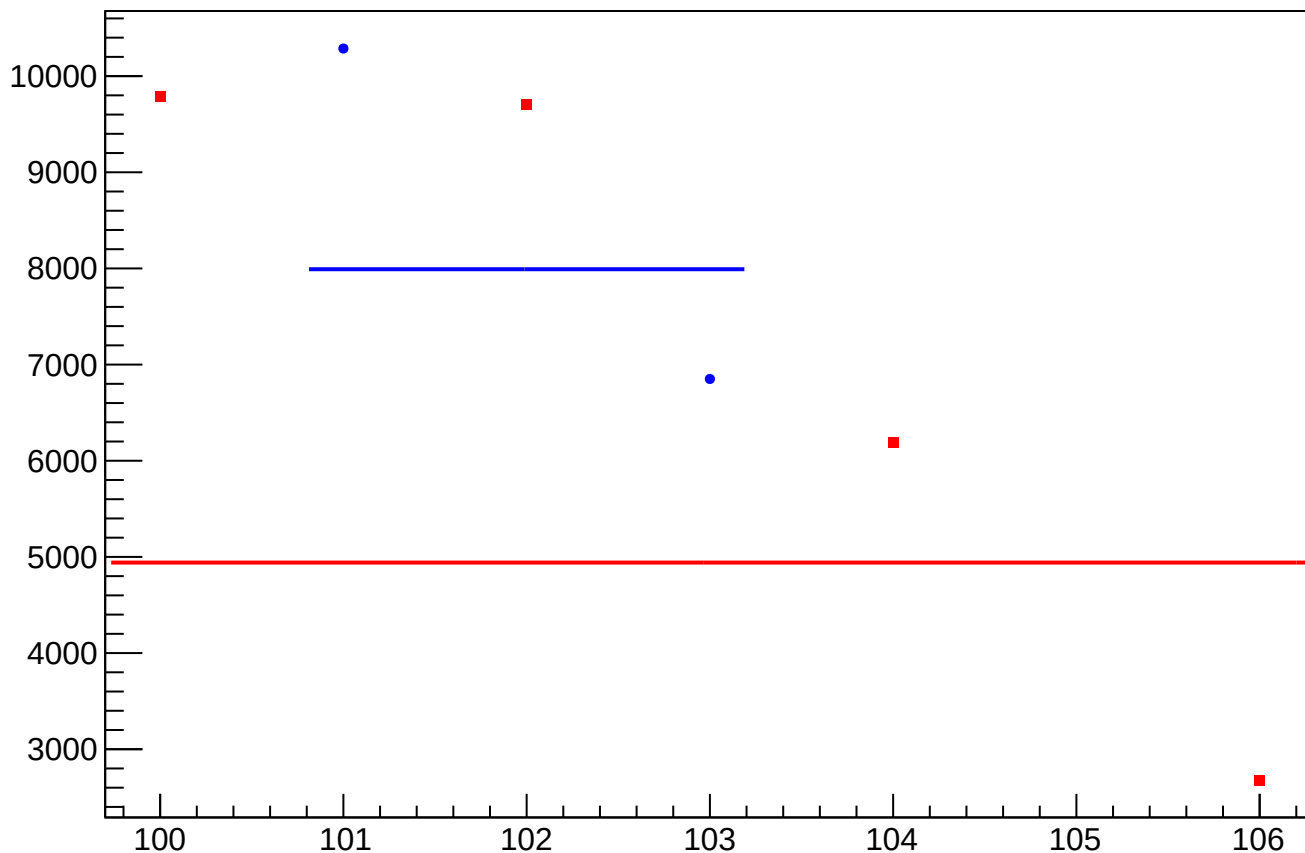
Right: 2614.213+/-4674.719 χ^2/NDF : 4.0/5

In: 6569.088+/-7319.739 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2614.213+/-4674.719 χ^2/NDF : 4.0/5

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 7991.729+/-5.176 χ^2/NDF : 97769.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4941.151+/-3.435 χ^2/NDF : 586767.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

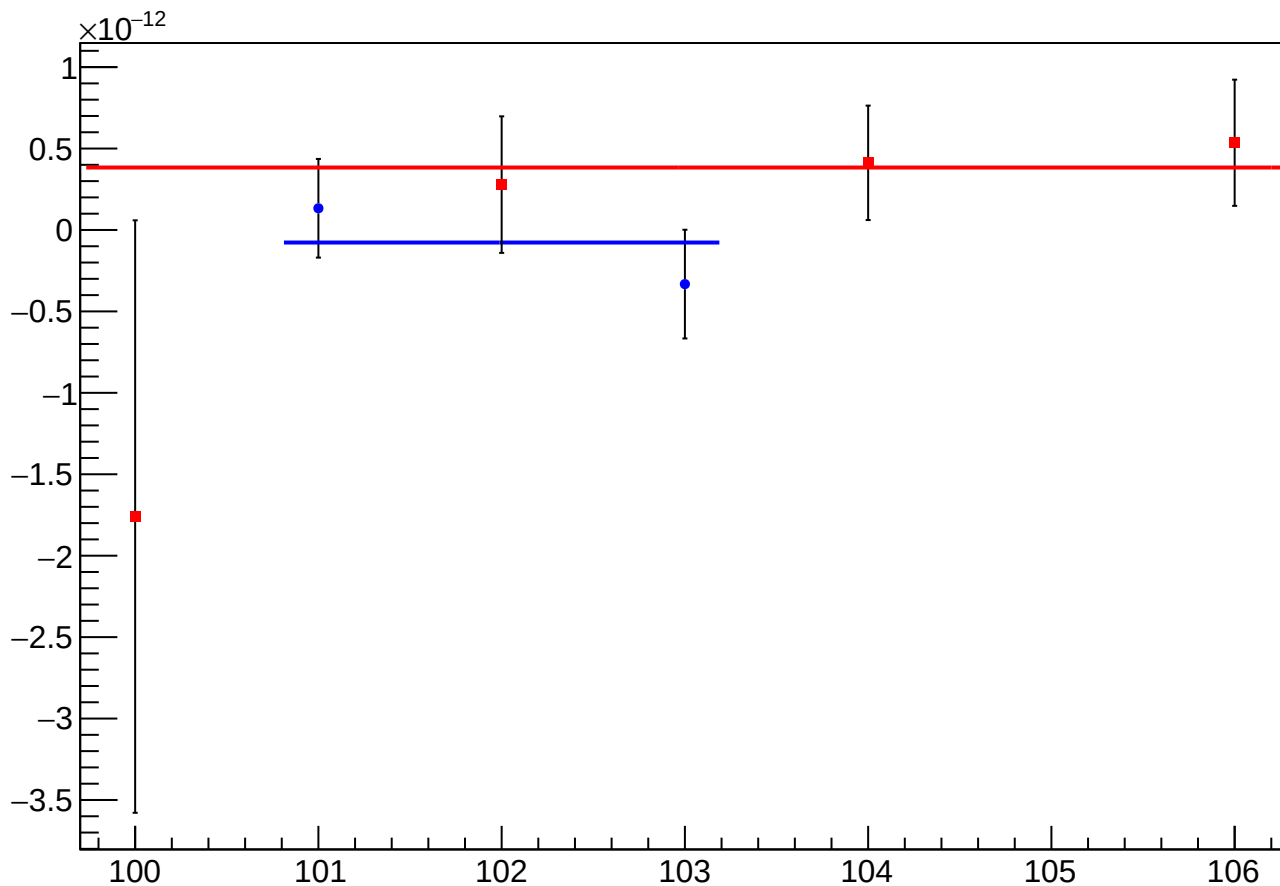
Right: 5874.069+/-2.862 χ^2/NDF : 925709.6/5

In: 7991.729+/-5.176 χ^2/NDF : 97769.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5874.069+/-2.862 χ^2/NDF : 925709.6/5

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

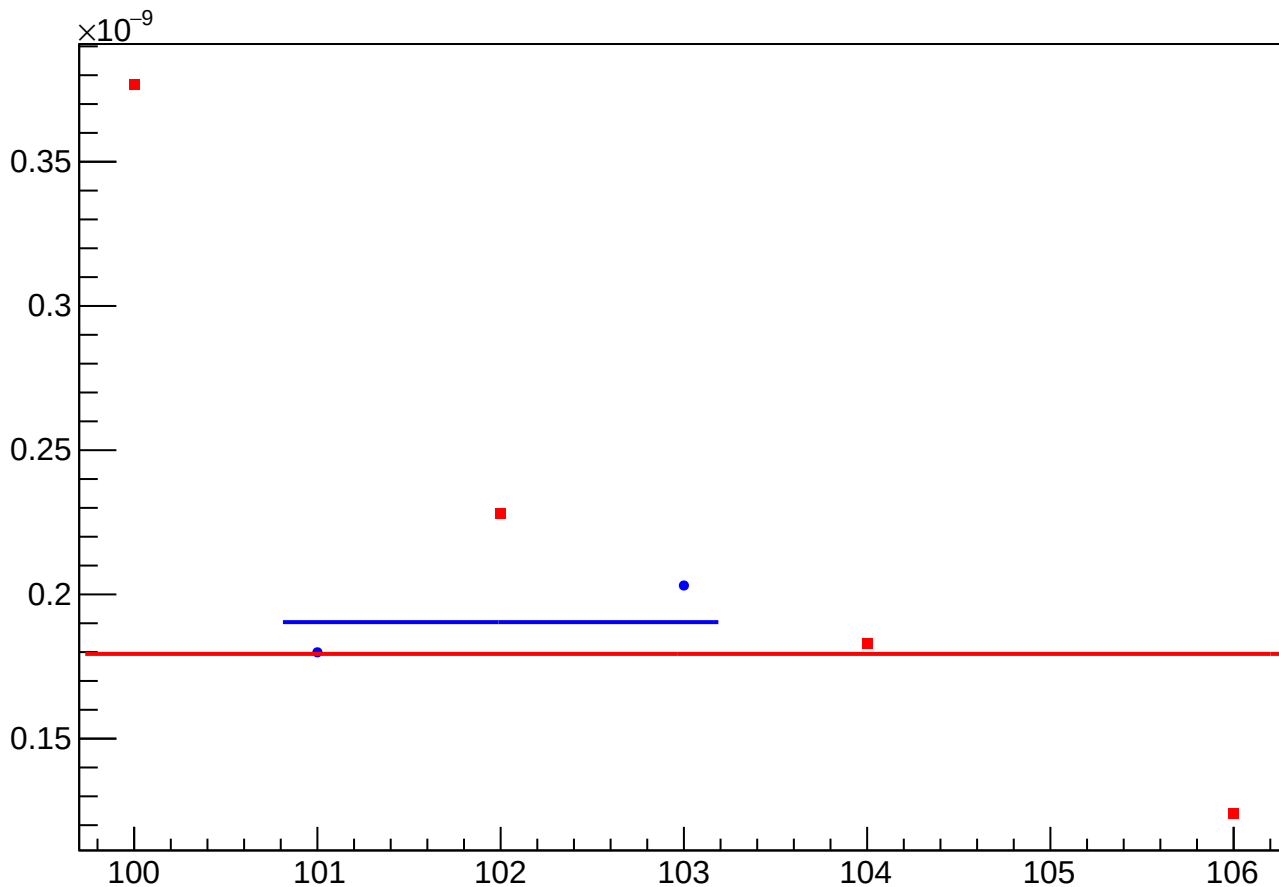
Right: 0.000+/-0.000 χ^2/NDF : 4.8/5

In: -0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5280.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 91448.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

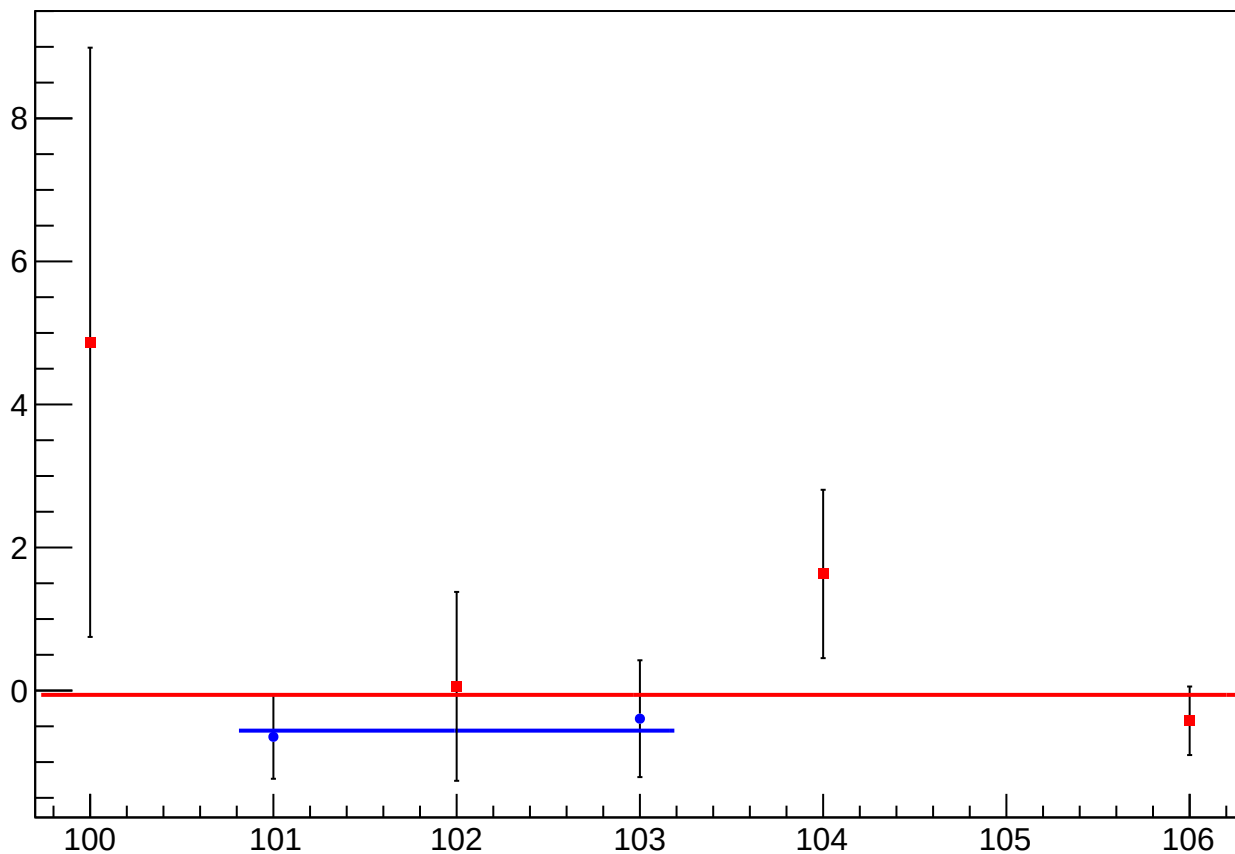
Right: 0.000+/-0.000 χ^2/NDF : 99193.8/5

In: 0.000+/-0.000 χ^2/NDF : 5280.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 99193.8/5

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560+/-0.477 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.418 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

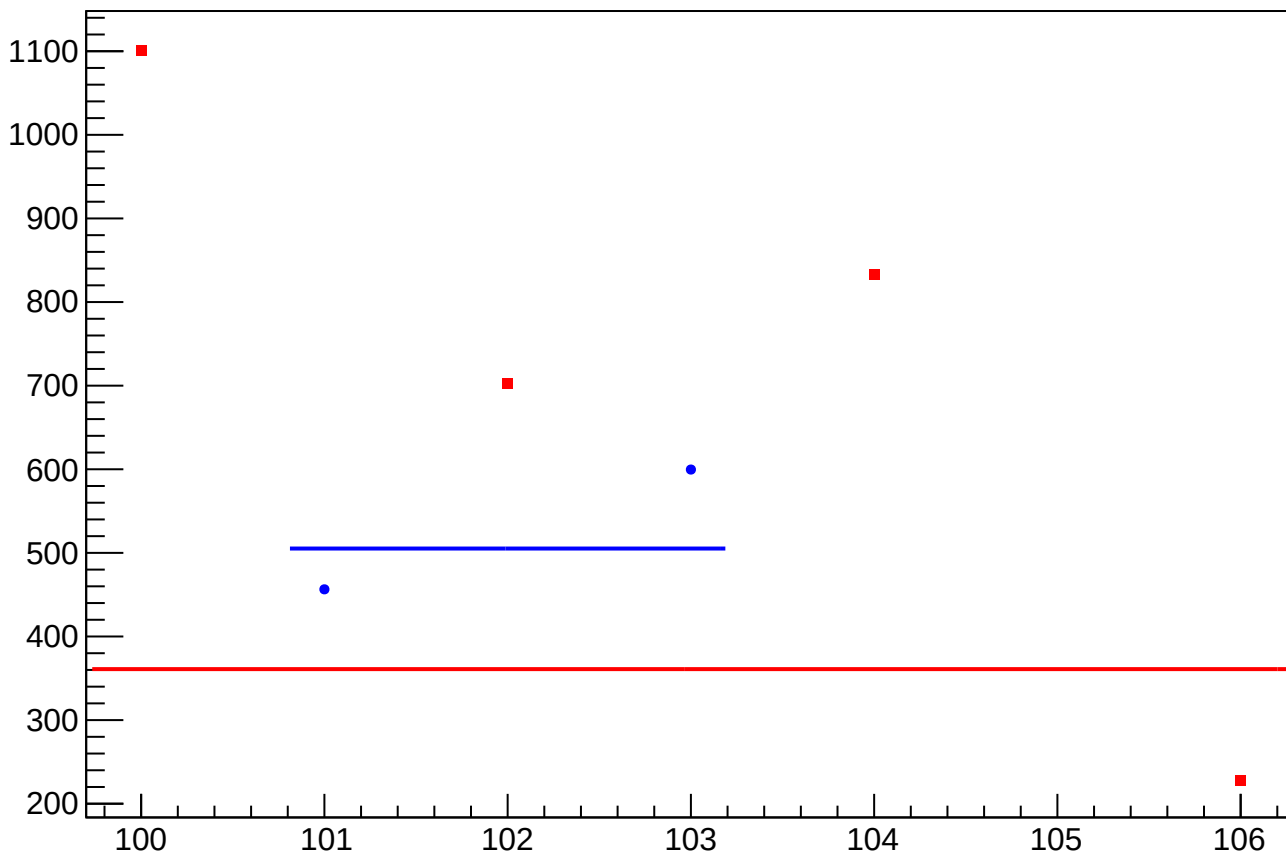
Right: -0.278+/-0.314 χ^2/NDF : 4.8/5

In: -0.560+/-0.477 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.278+/-0.314 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.980+/-0.296 χ^2/NDF : 675032.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

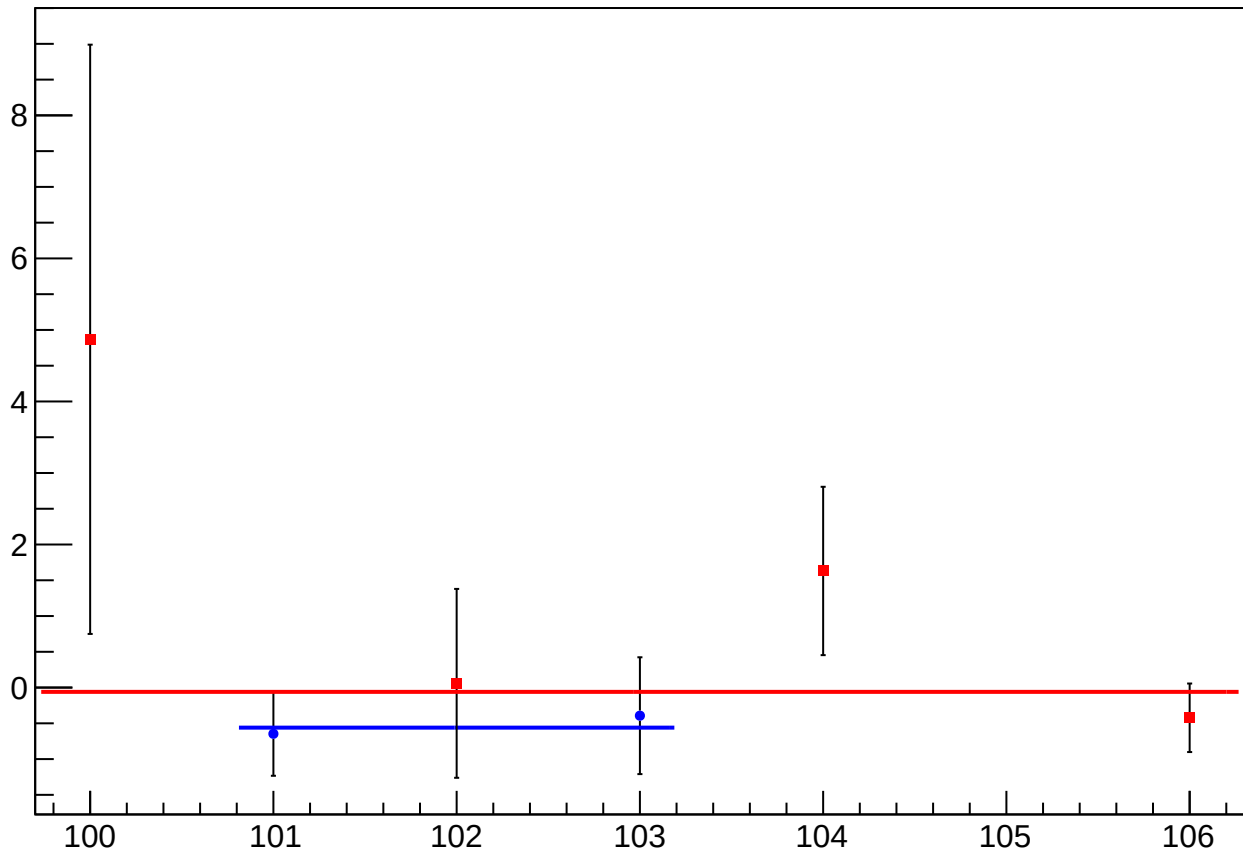
Right: 423.754+/-0.222 χ^2/NDF : 819015.9/5

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.754+/-0.222 χ^2/NDF : 819015.9/5

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.418 χ^2/NDF : 4.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

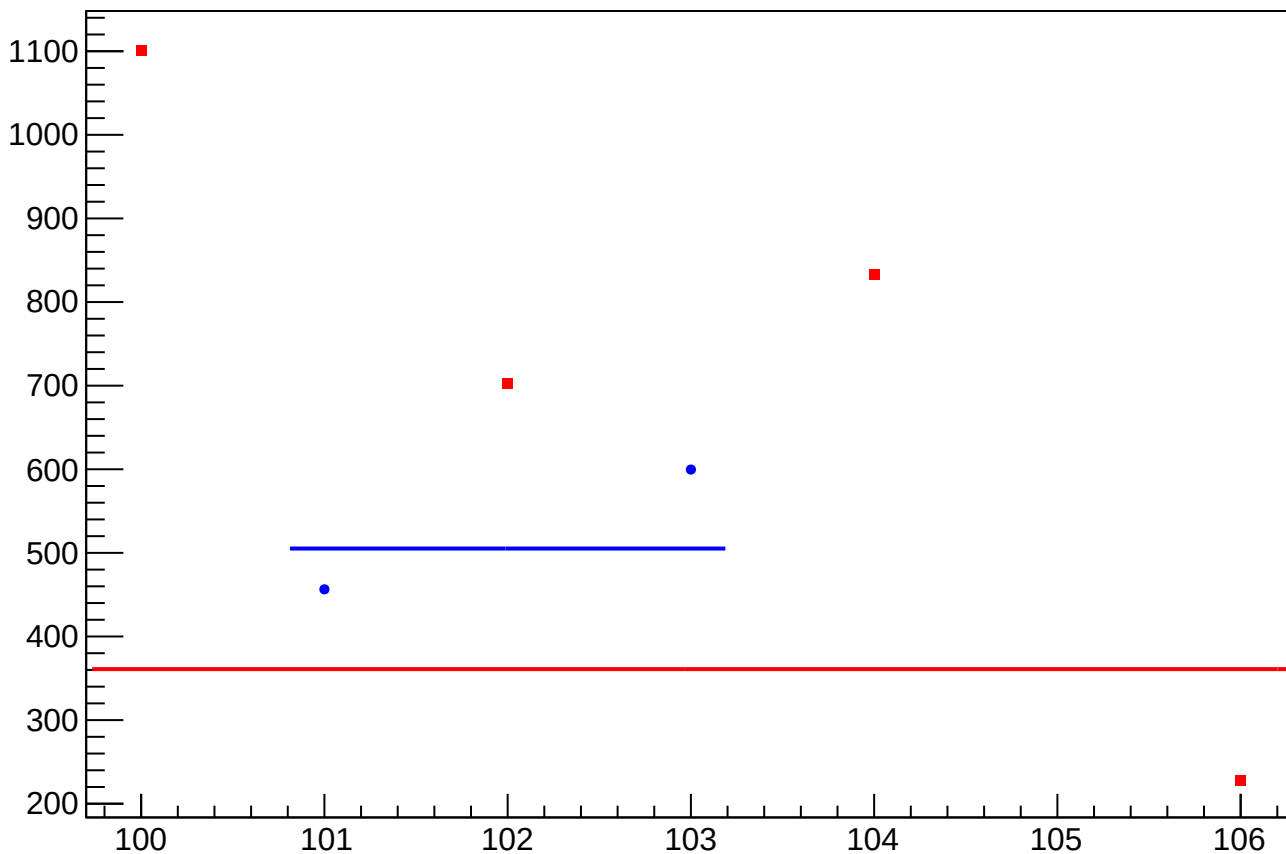
Right: -0.278 ± 0.314 χ^2/NDF : 4.8/5

In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.278 ± 0.314 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.980+/-0.296 χ^2/NDF : 675032.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

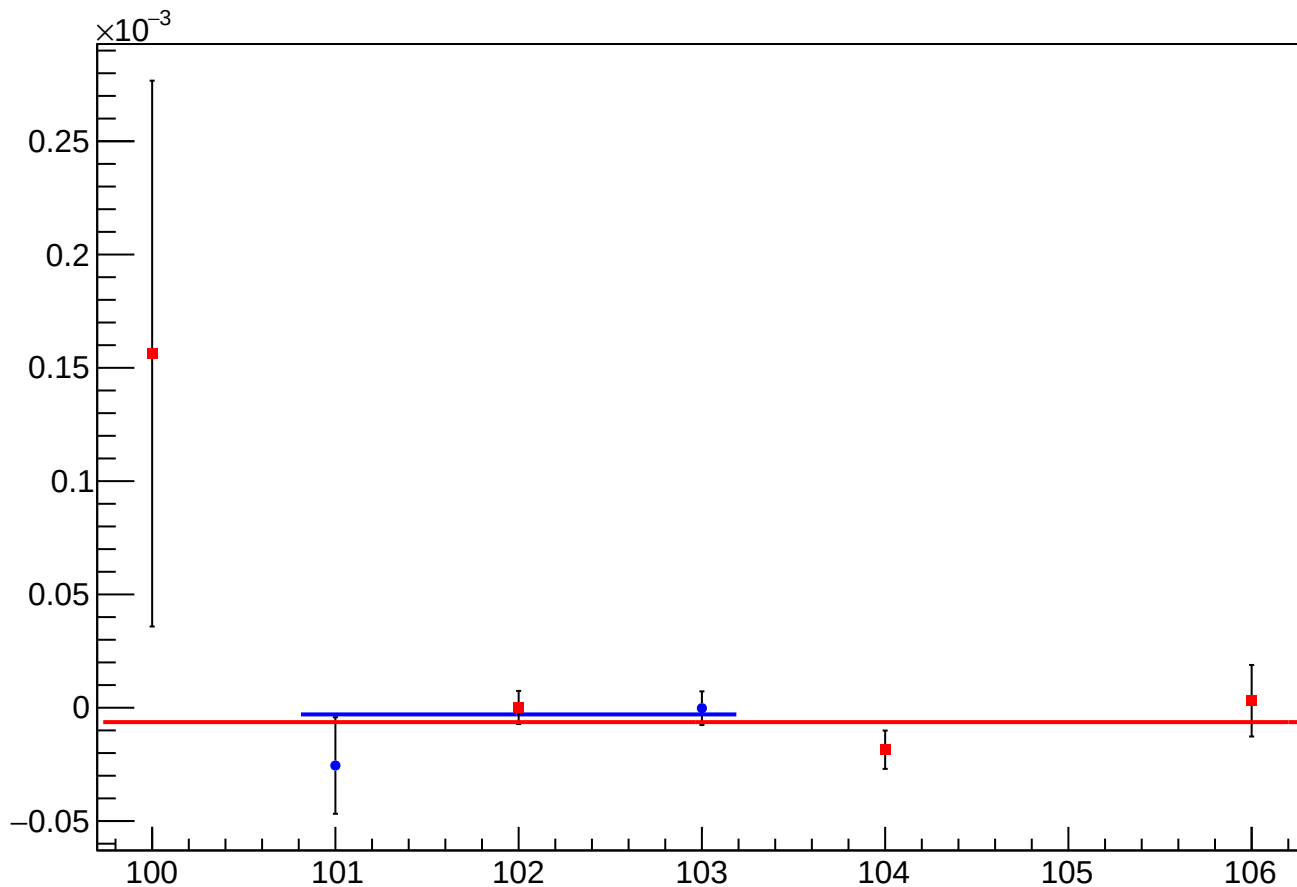
Right: 423.754+/-0.222 χ^2/NDF : 819015.9/5

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.754+/-0.222 χ^2/NDF : 819015.9/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

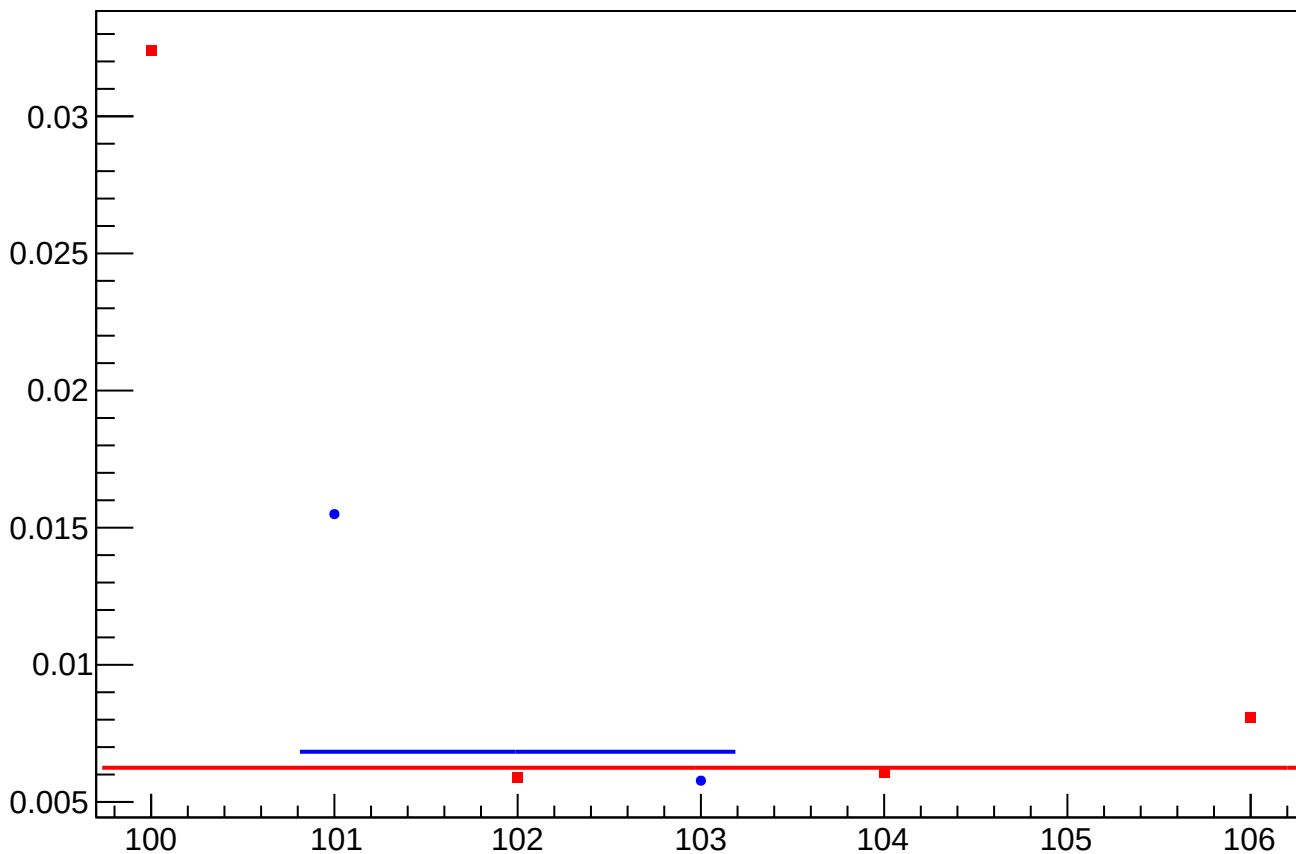
Right: -0.000+/-0.000 χ^2 /NDF: 6.4/5

In: -0.000+/-0.000 χ^2 /NDF:1.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.4/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 371030.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 126927.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

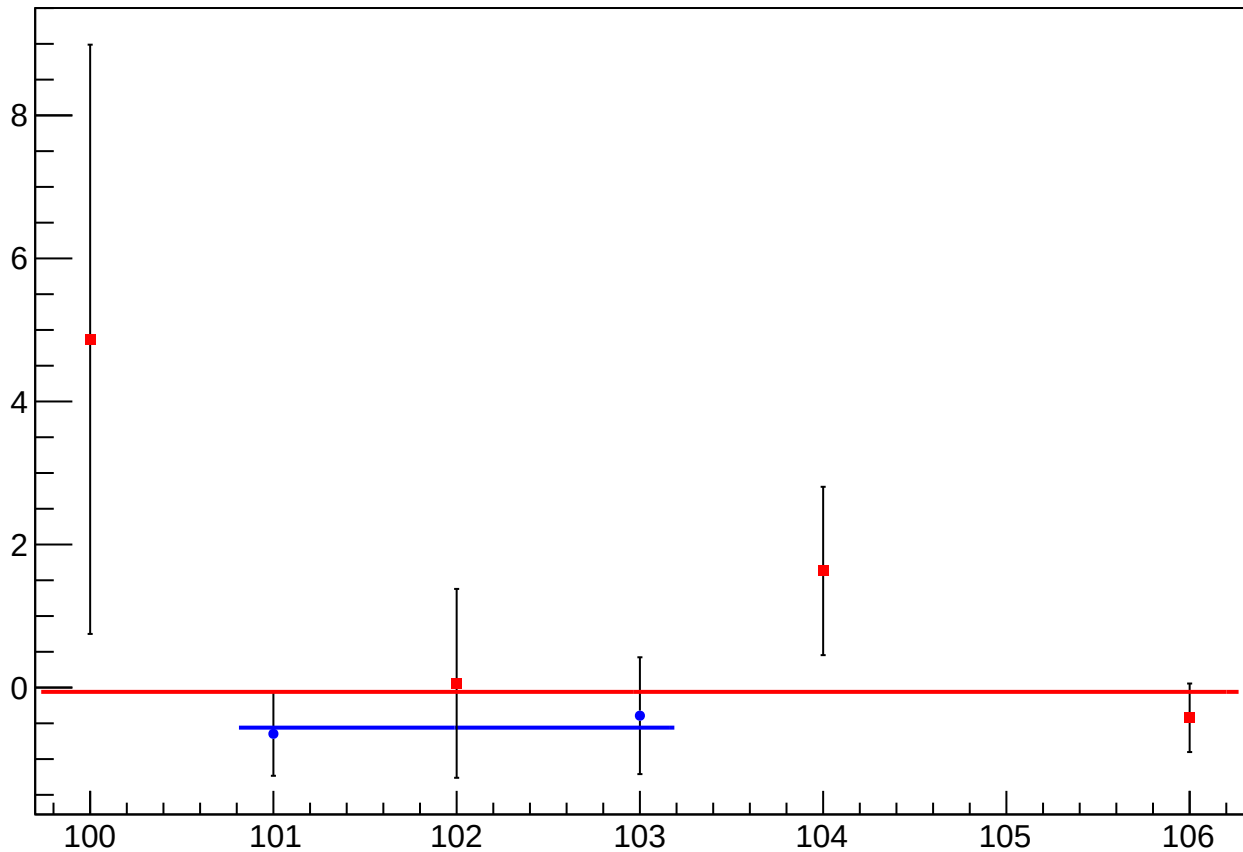
Right: 0.006+/-0.000 χ^2/NDF : 506862.7/5

In: 0.007+/-0.000 χ^2/NDF : 371030.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 506862.7/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.418 χ^2/NDF : 4.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

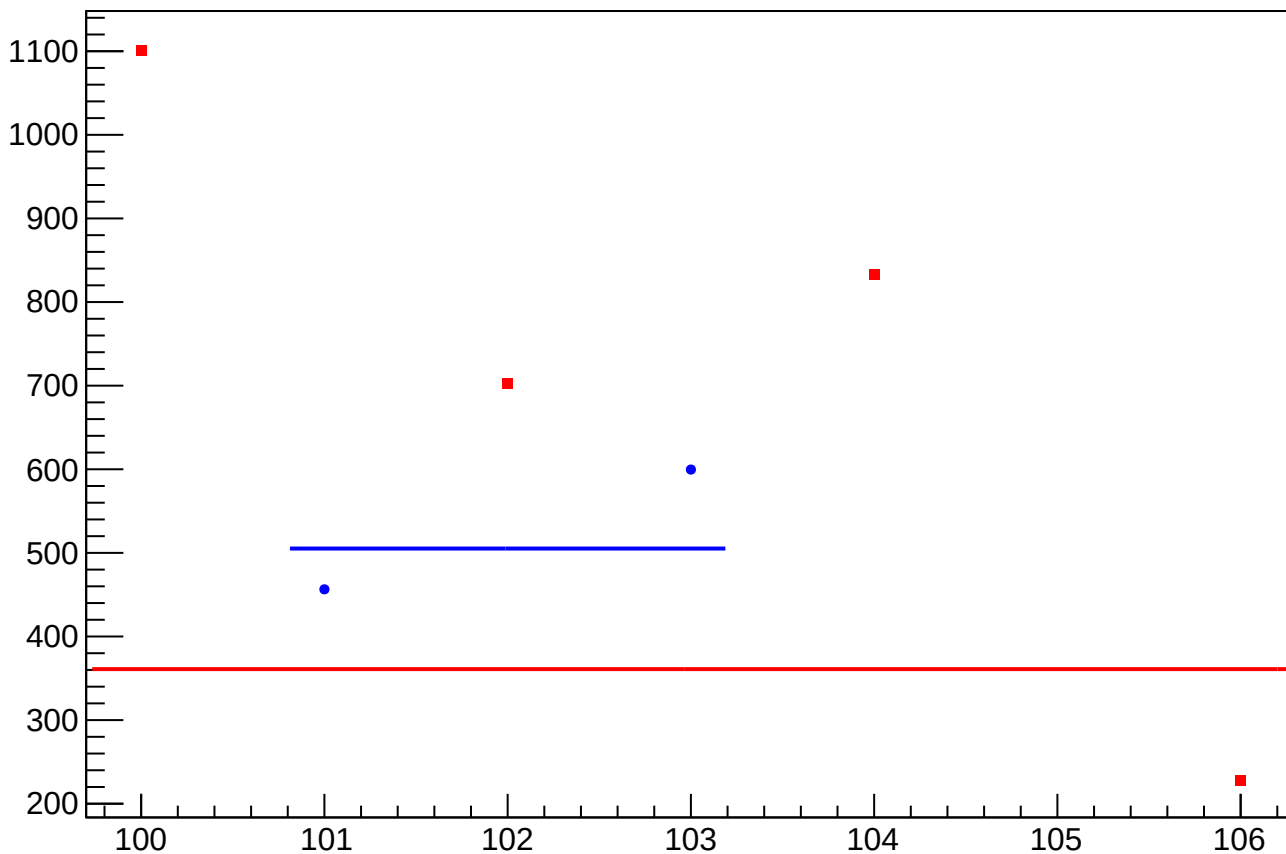
Right: -0.278 ± 0.314 χ^2/NDF : 4.8/5

In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.278 ± 0.314 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.980+/-0.296 χ^2/NDF : 675027.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

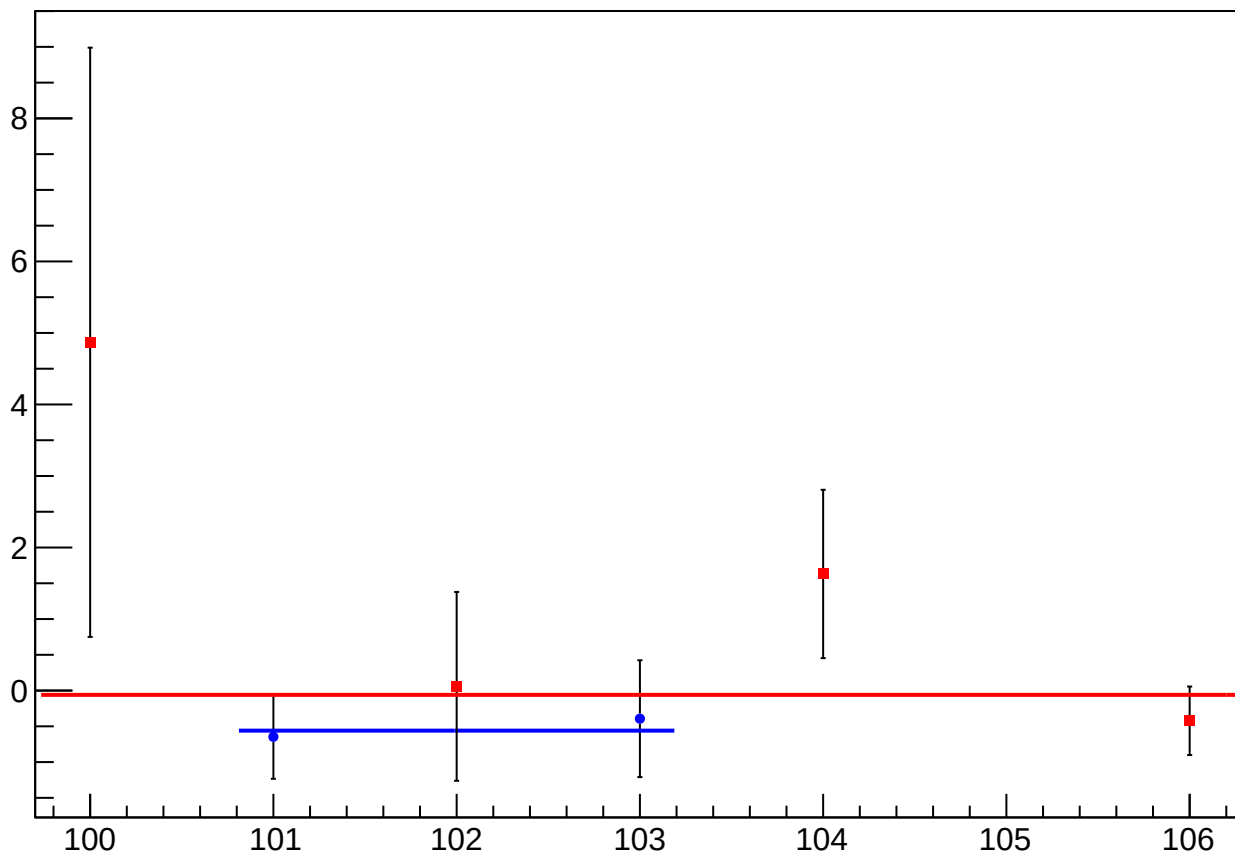
Right: 423.752+/-0.222 χ^2/NDF : 819007.4/5

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.752+/-0.222 χ^2/NDF : 819007.4/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.060 ± 0.418 χ^2/NDF : 4.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

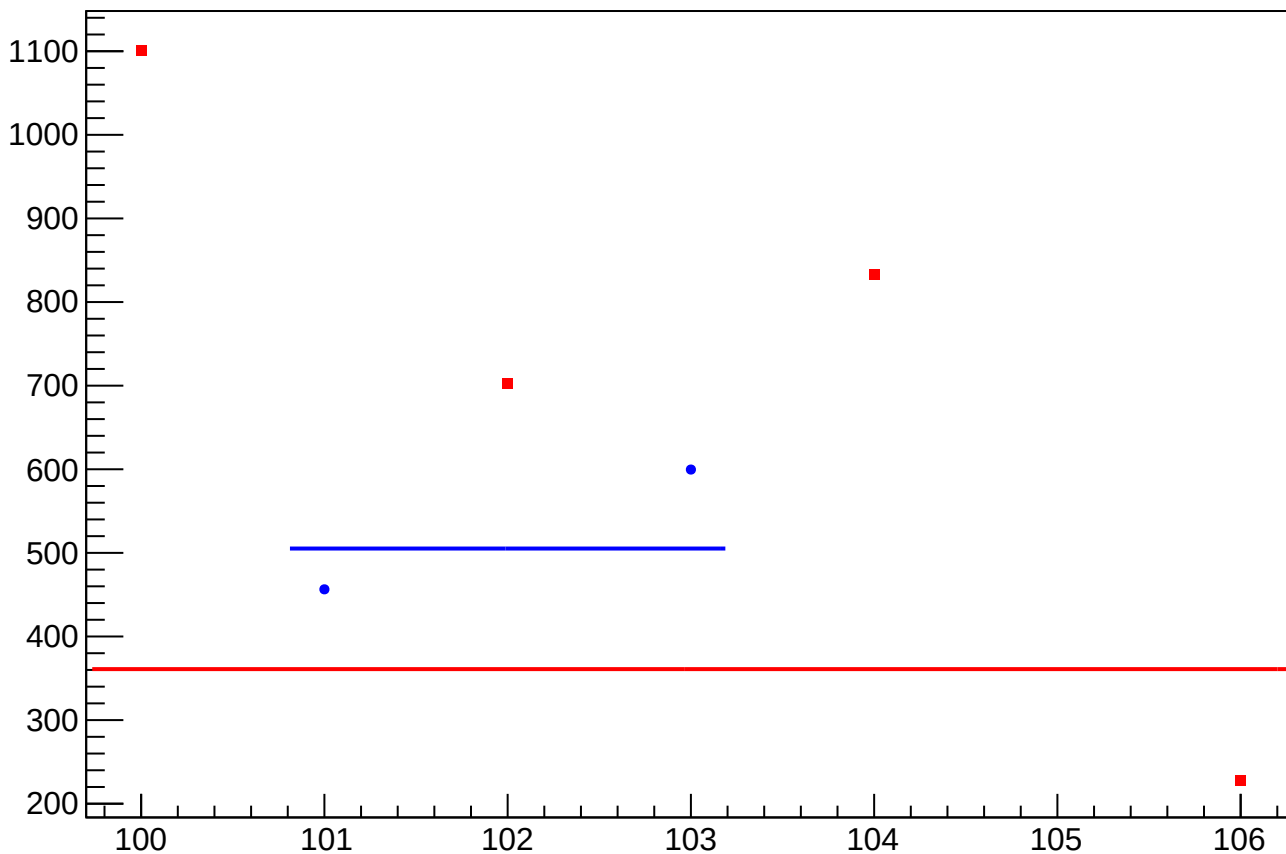
Right: -0.278 ± 0.314 χ^2/NDF : 4.8/5

In: -0.560 ± 0.477 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.278 ± 0.314 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.980+/-0.296 χ^2/NDF : 675027.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

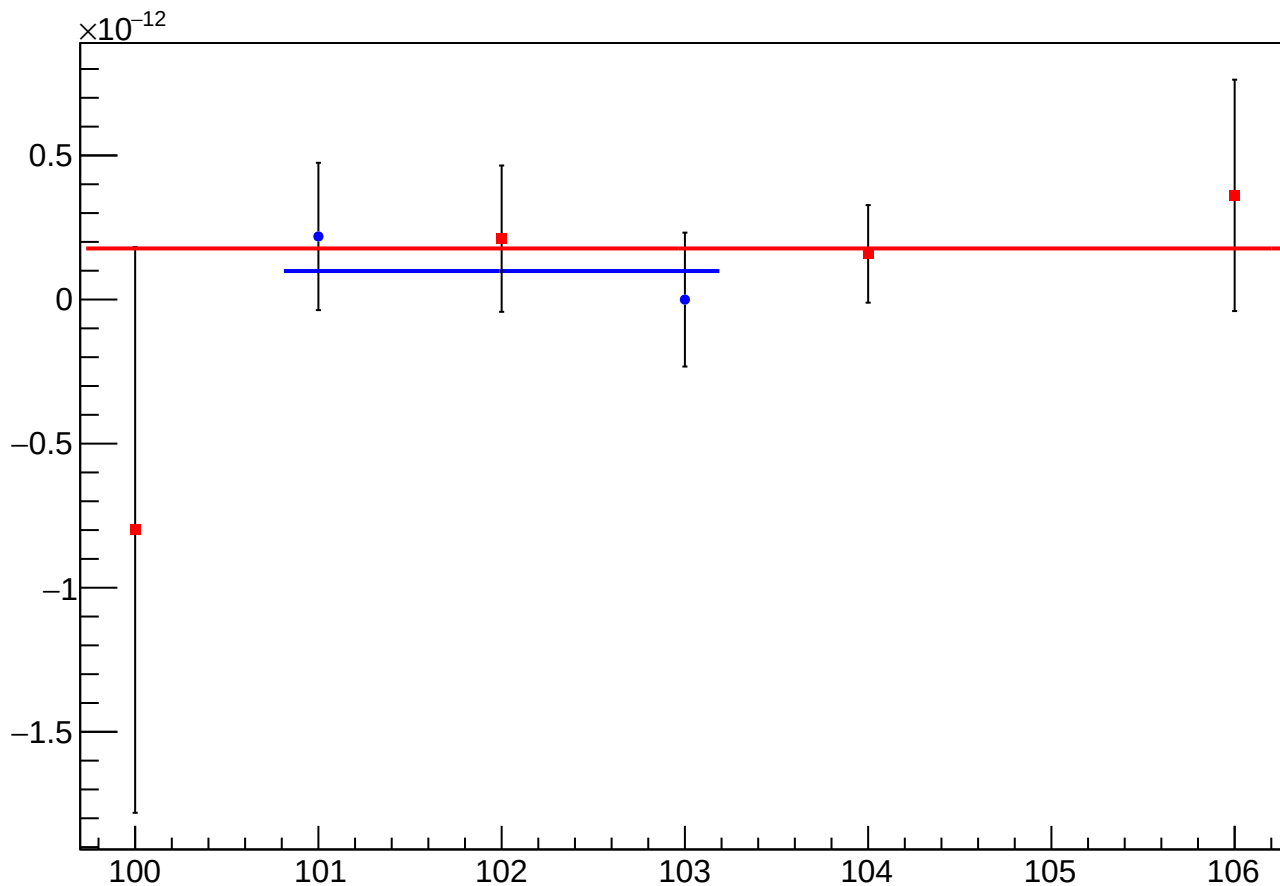
Right: 423.752+/-0.222 χ^2/NDF : 819007.4/5

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.752+/-0.222 χ^2/NDF : 819007.4/5

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

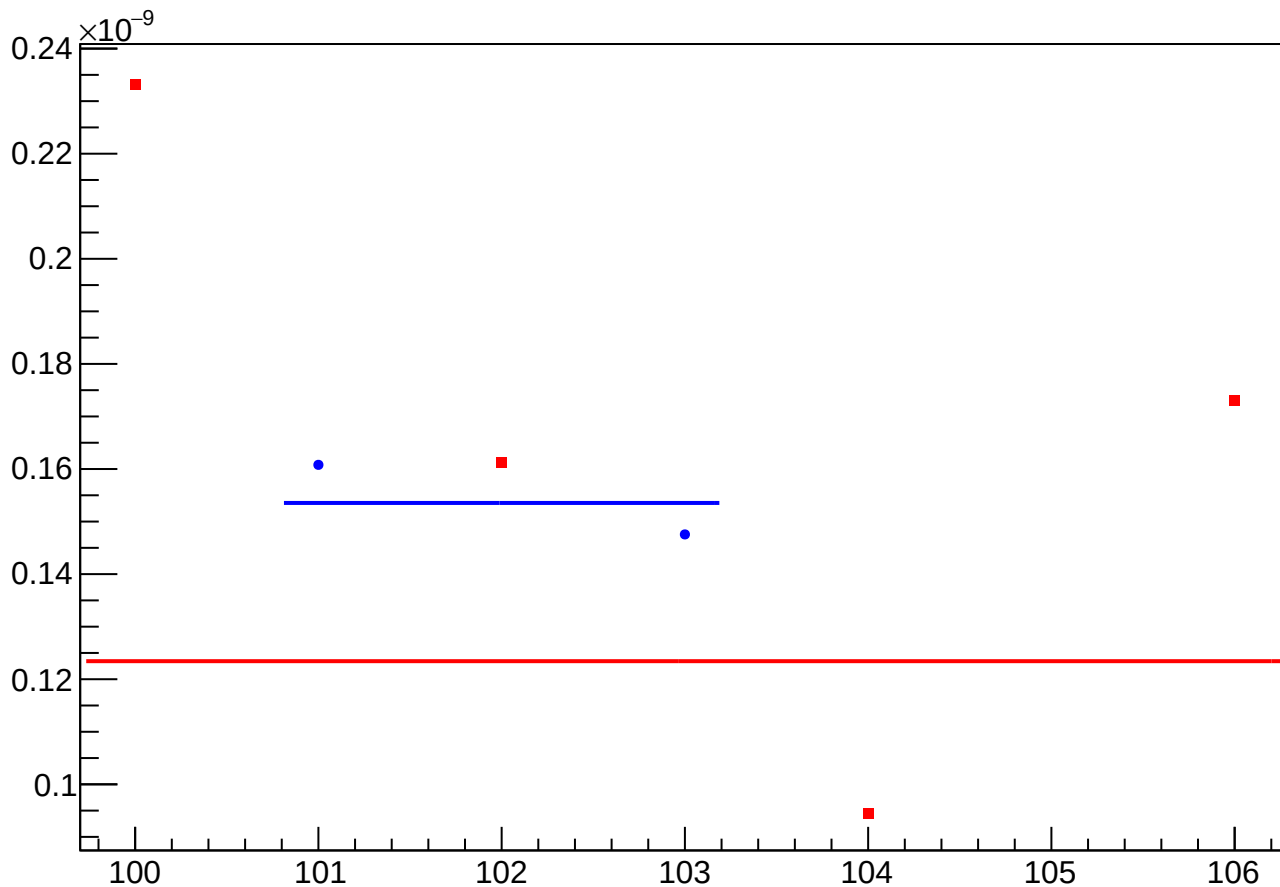
Right: 0.000+/-0.000 χ^2/NDF : 1.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.8/5

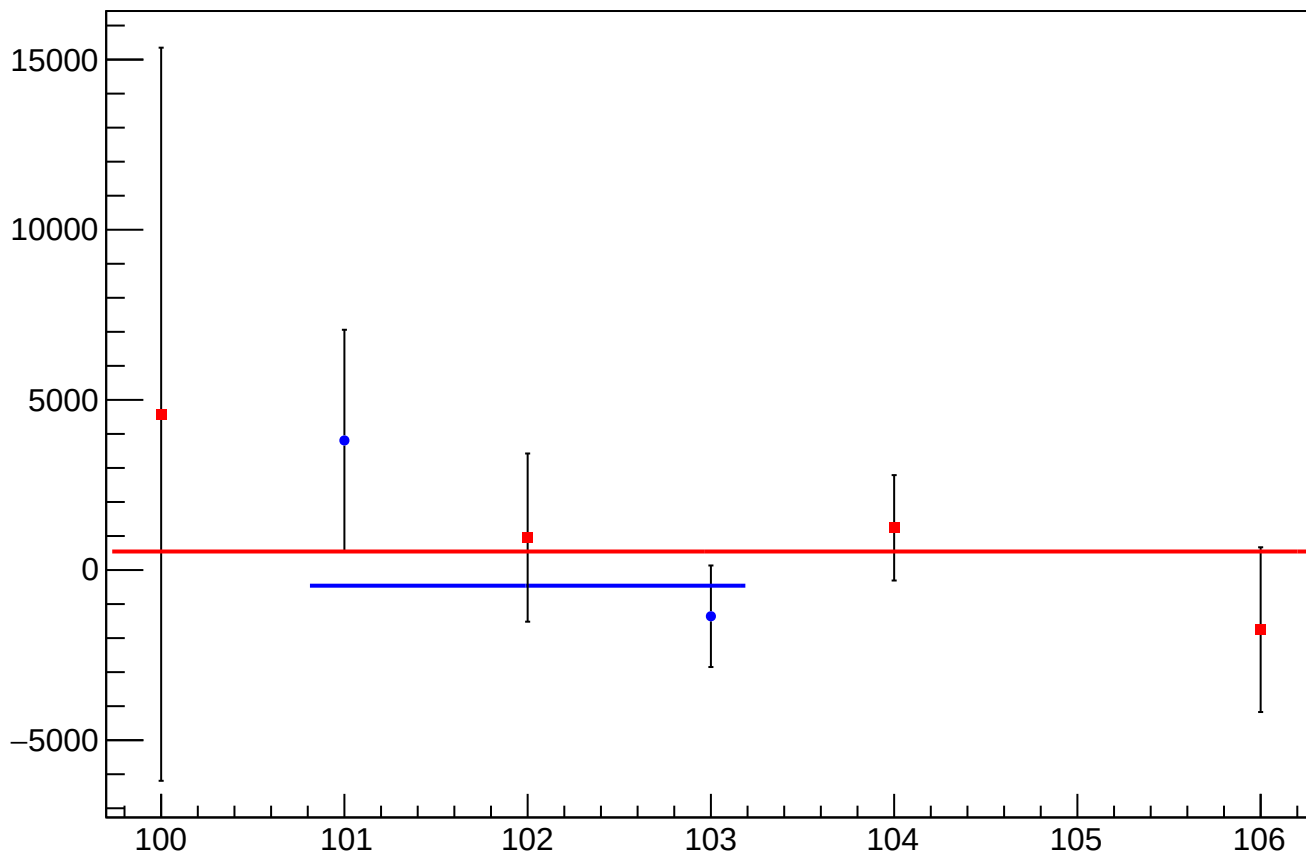
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2938.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 158364.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 199959.0/5
 In: 0.000+/-0.000 χ^2/NDF : 2938.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 199959.0/5

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -459.787+/-1356.049 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.851+/-1147.103 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

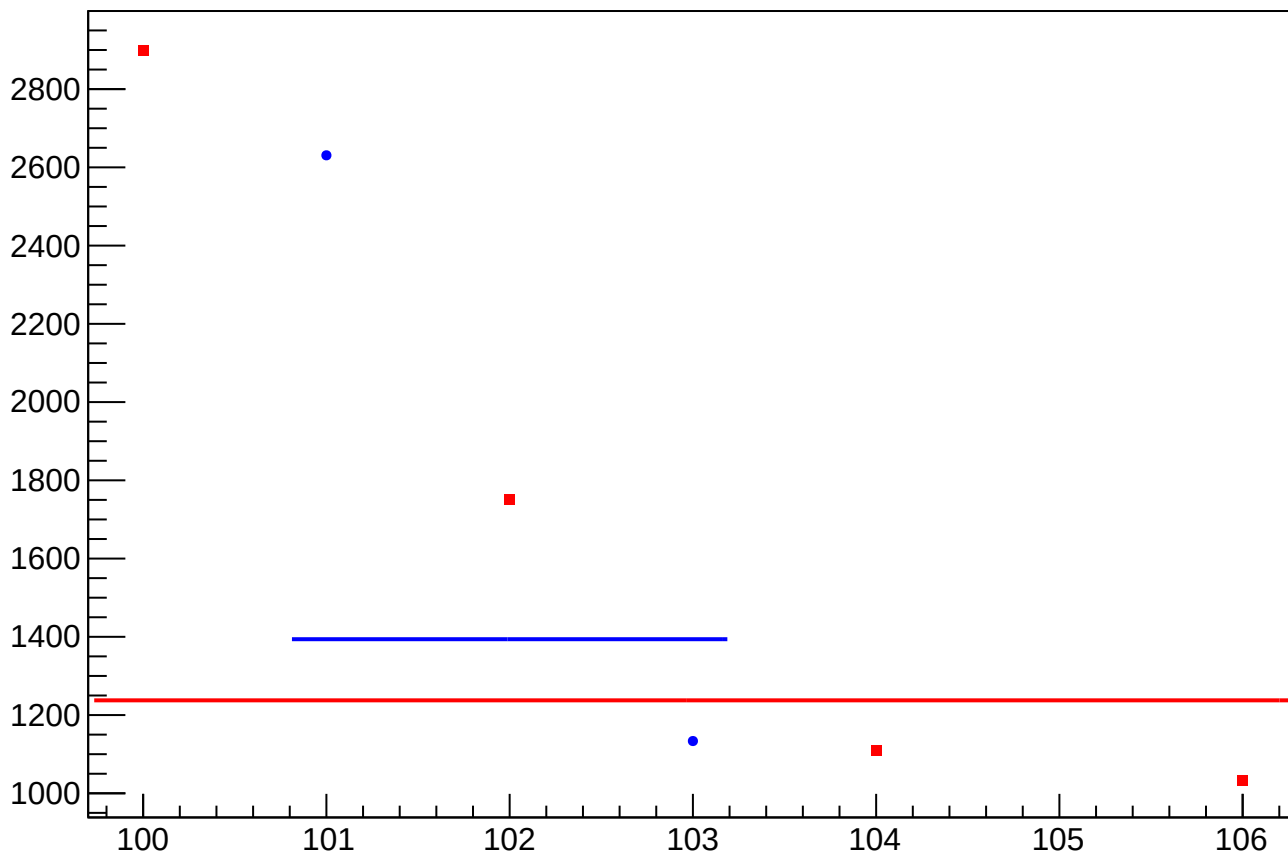
Right: 125.812+/-875.785 χ^2/NDF : 3.7/5

In: -459.787+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.812+/-875.785 χ^2/NDF : 3.7/5

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.892+/-0.959 χ^2/NDF : 350151.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1237.627+/-0.786 χ^2/NDF : 165840.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

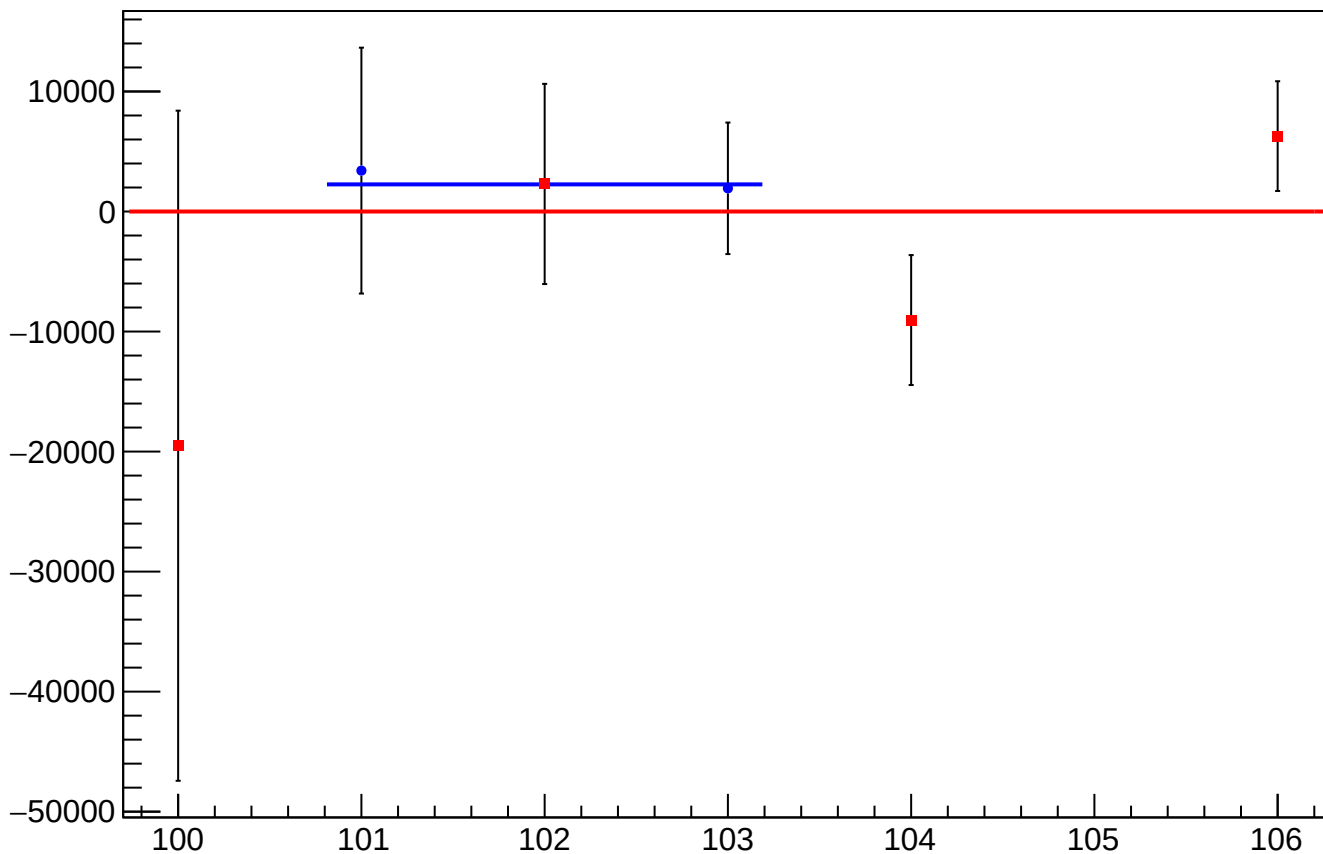
Right: 1300.412+/-0.608 χ^2/NDF : 531879.7/5

In: 1393.892+/-0.959 χ^2/NDF : 350151.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.412+/-0.608 χ^2/NDF : 531879.7/5

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2260.192 $\pm$ 4830.821 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.419 $\pm$ 3200.217 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

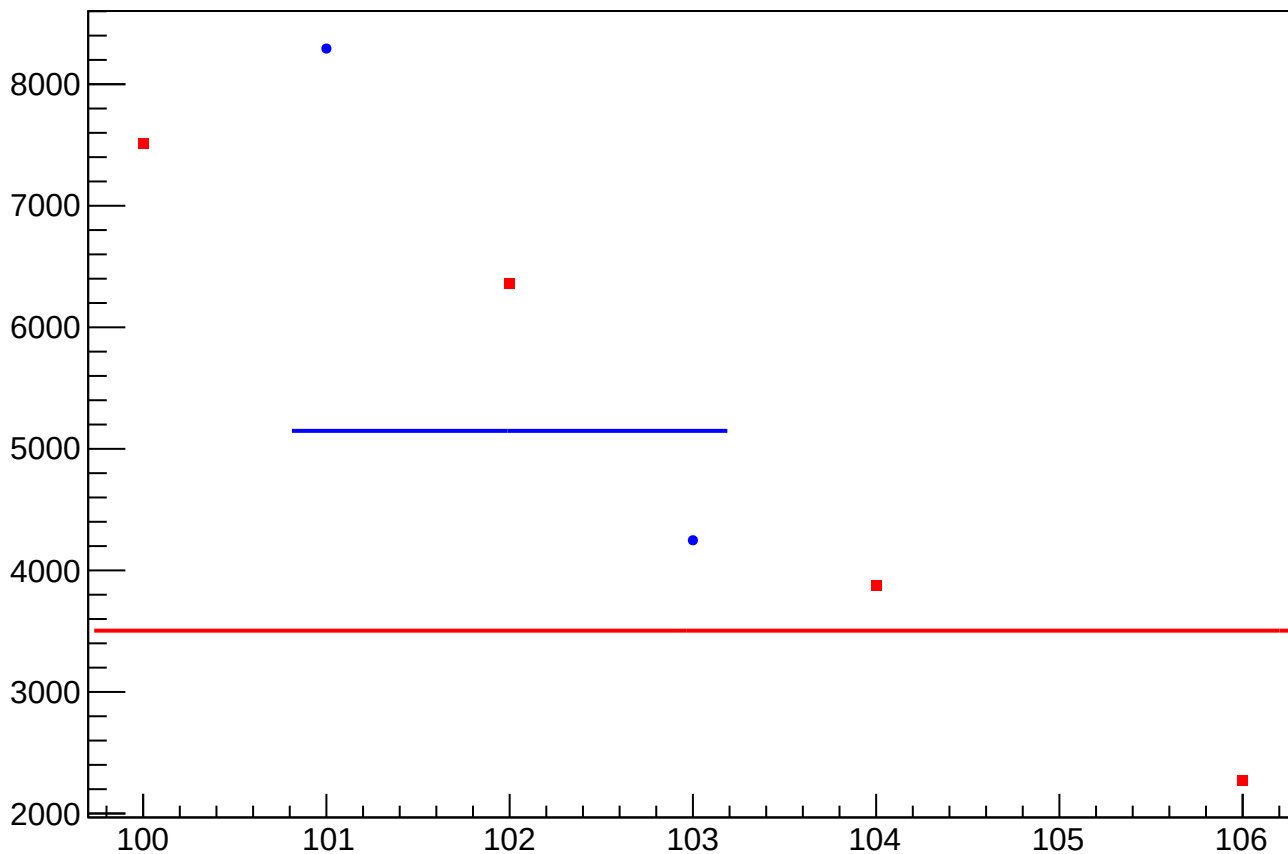
Right: 689.070 $\pm$ 2667.912 χ^2 /NDF: 5.4/5

In: 2260.192 $\pm$ 4830.821 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 689.070 $\pm$ 2667.912 χ^2 /NDF: 5.4/5

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5148.024+/-3.416 χ^2/NDF : 242601.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3504.304+/-2.263 χ^2/NDF : 430017.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

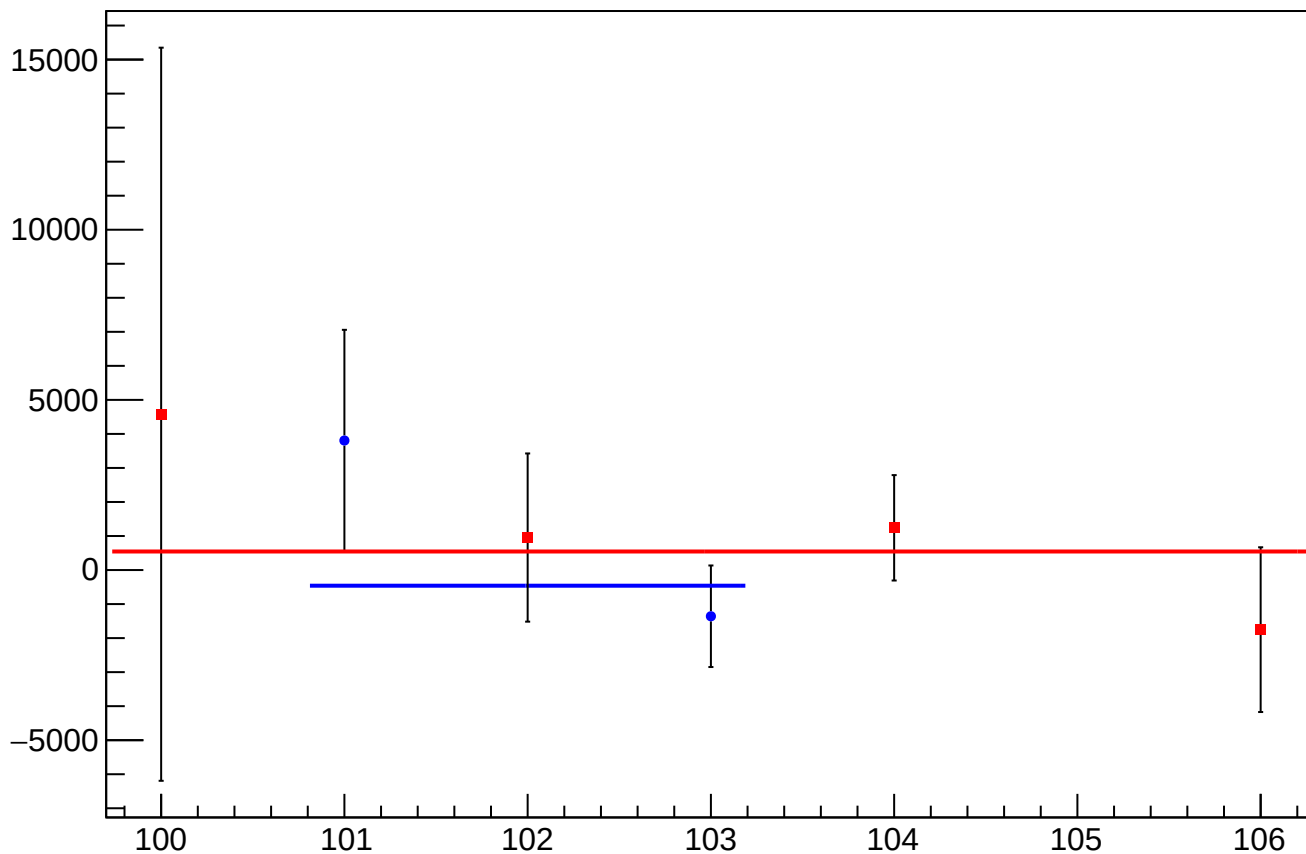
Right: 4005.640+/-1.886 χ^2/NDF : 833544.7/5

In: 5148.024+/-3.416 χ^2/NDF : 242601.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4005.640+/-1.886 χ^2/NDF : 833544.7/5

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.025+/-1147.103 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

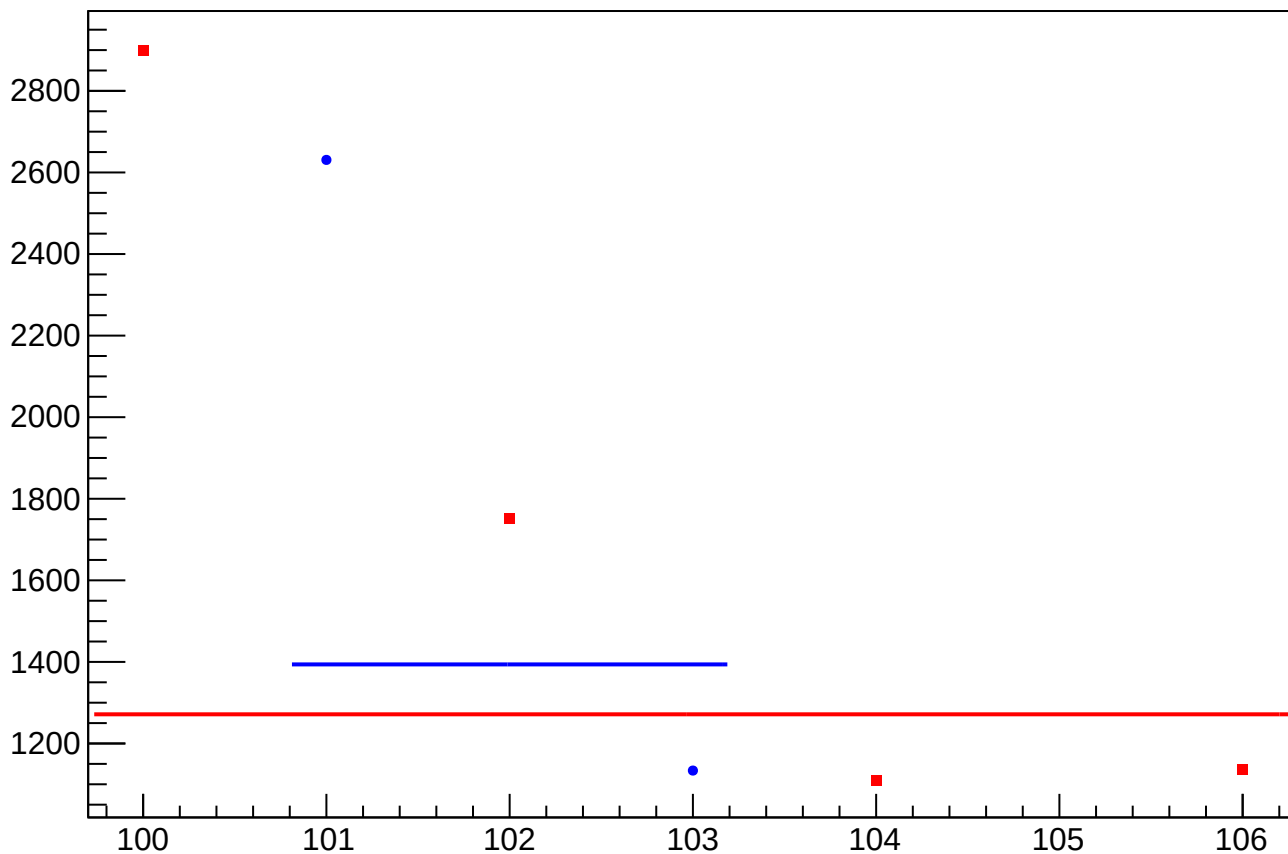
Right: 125.732+/-875.786 χ^2/NDF : 3.7/5

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.732+/-875.786 χ^2/NDF : 3.7/5

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.544+/-0.803 χ^2/NDF : 149446.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

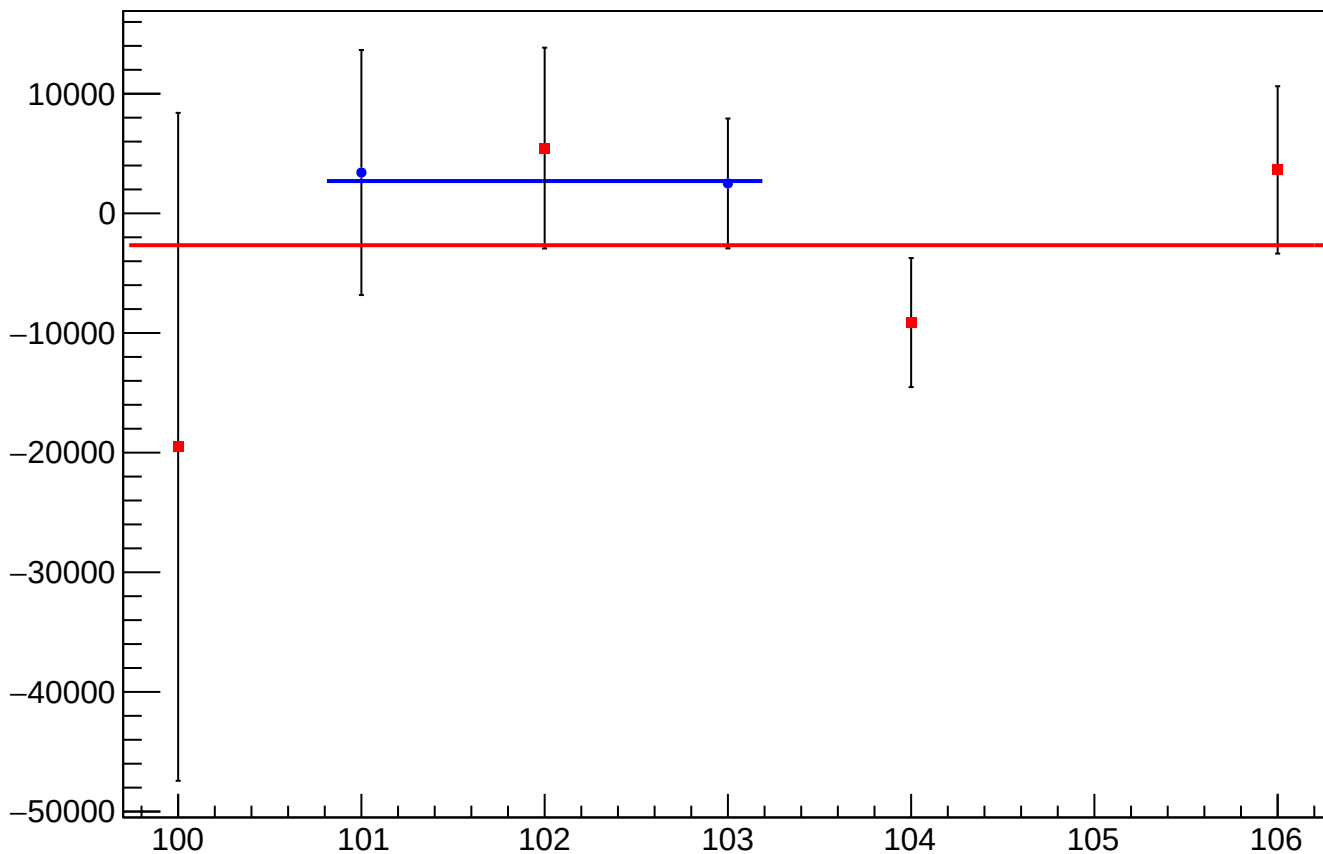
Right: 1321.985+/-0.616 χ^2/NDF : 509165.9/5

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.985+/-0.616 χ^2/NDF : 509165.9/5

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2702.552+/-4794.737 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2659.827+/-3771.700 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

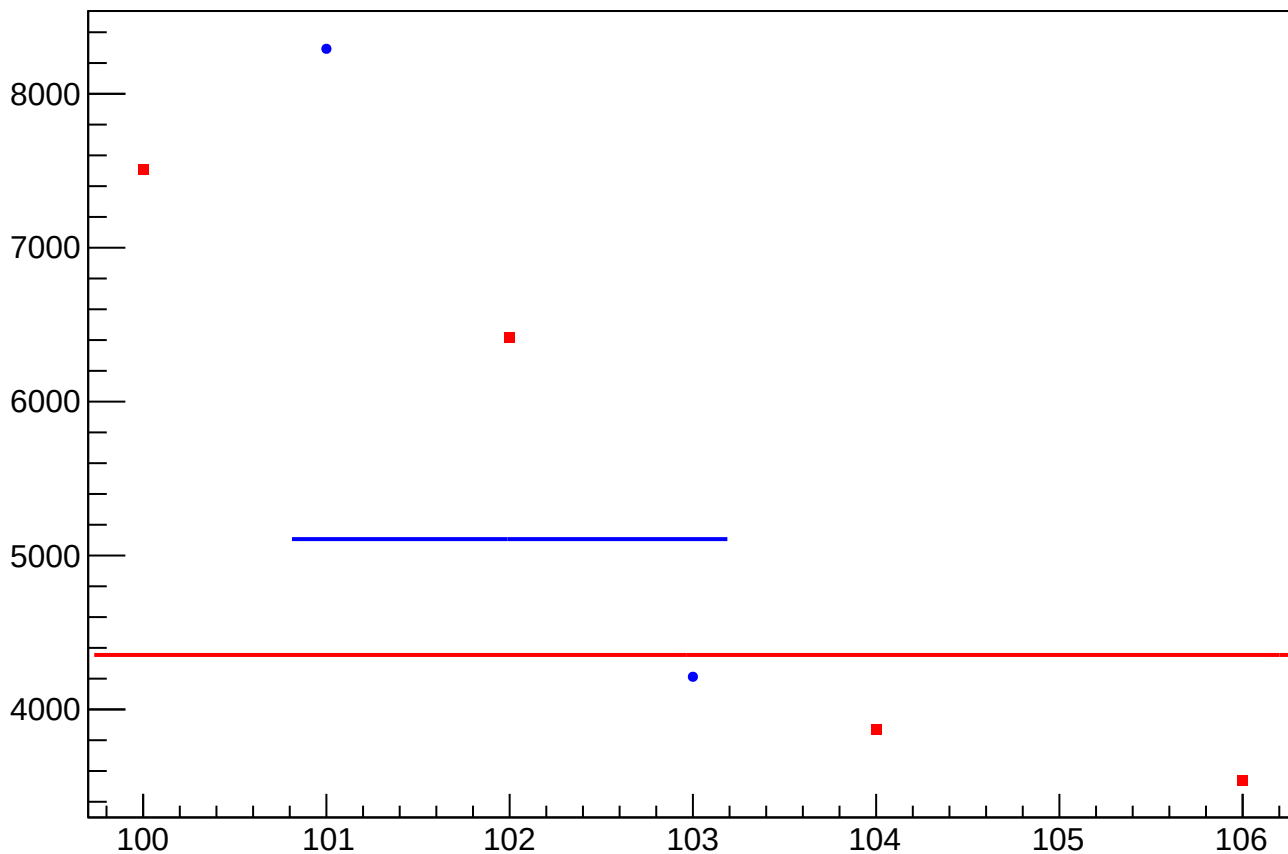
Right: -610.029+/-2964.433 χ^2/NDF : 4.3/5

In: 2702.552+/-4794.737 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.029+/-2964.433 χ^2/NDF : 4.3/5

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4353.990+/-2.667 χ^2/NDF : 189641.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

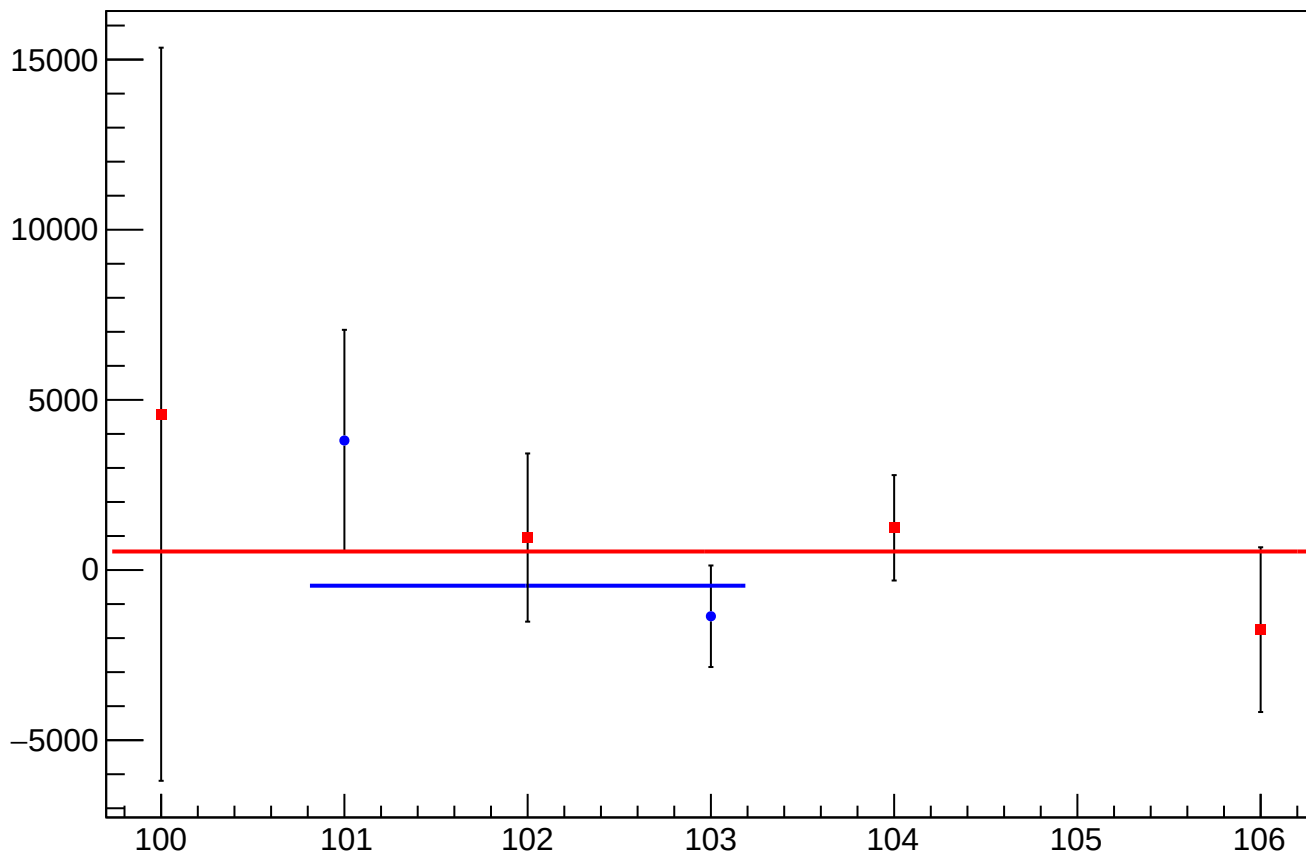
Right: 4641.711+/-2.096 χ^2/NDF : 467982.9/5

In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4641.711+/-2.096 χ^2/NDF : 467982.9/5

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.025+/-1147.103 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

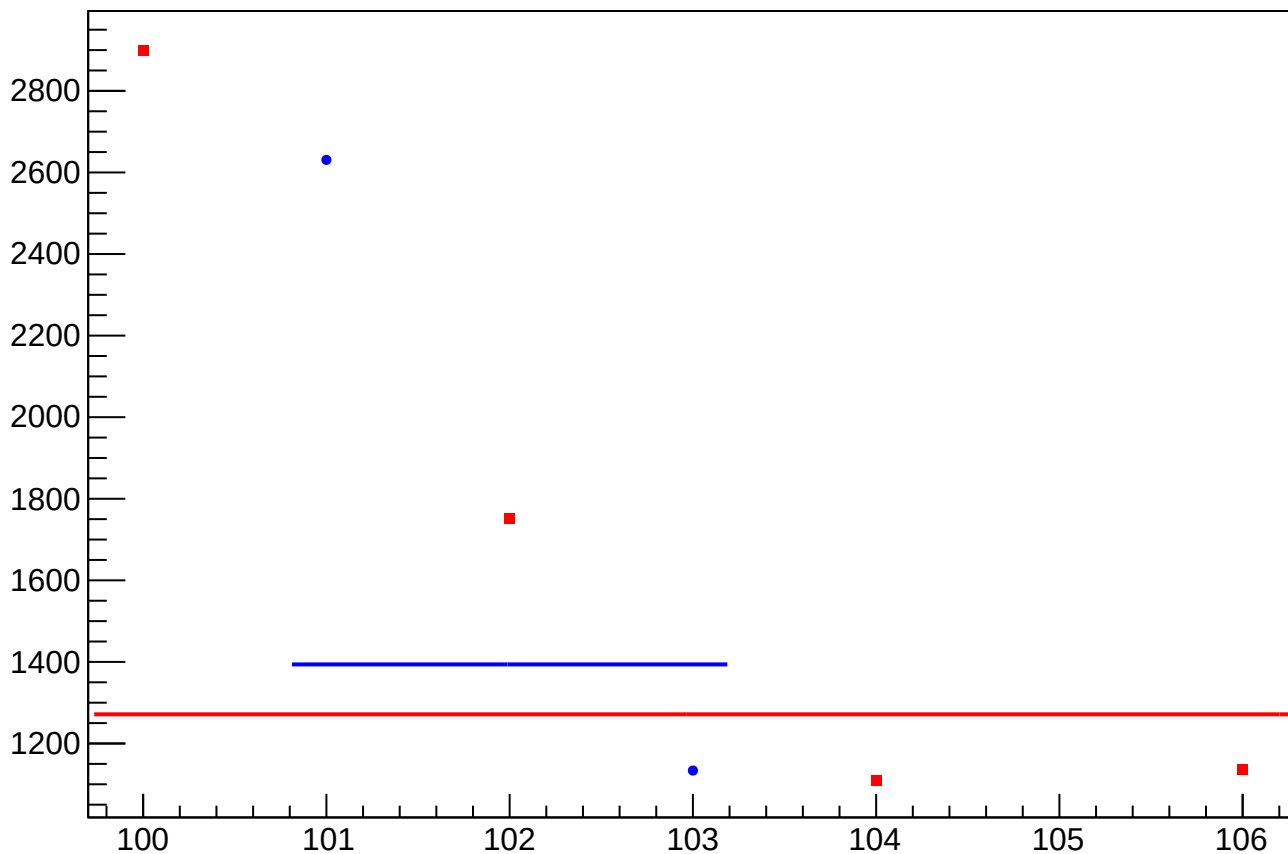
Right: 125.732+/-875.786 χ^2/NDF : 3.7/5

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.732+/-875.786 χ^2/NDF : 3.7/5

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.544+/-0.803 χ^2/NDF : 149446.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

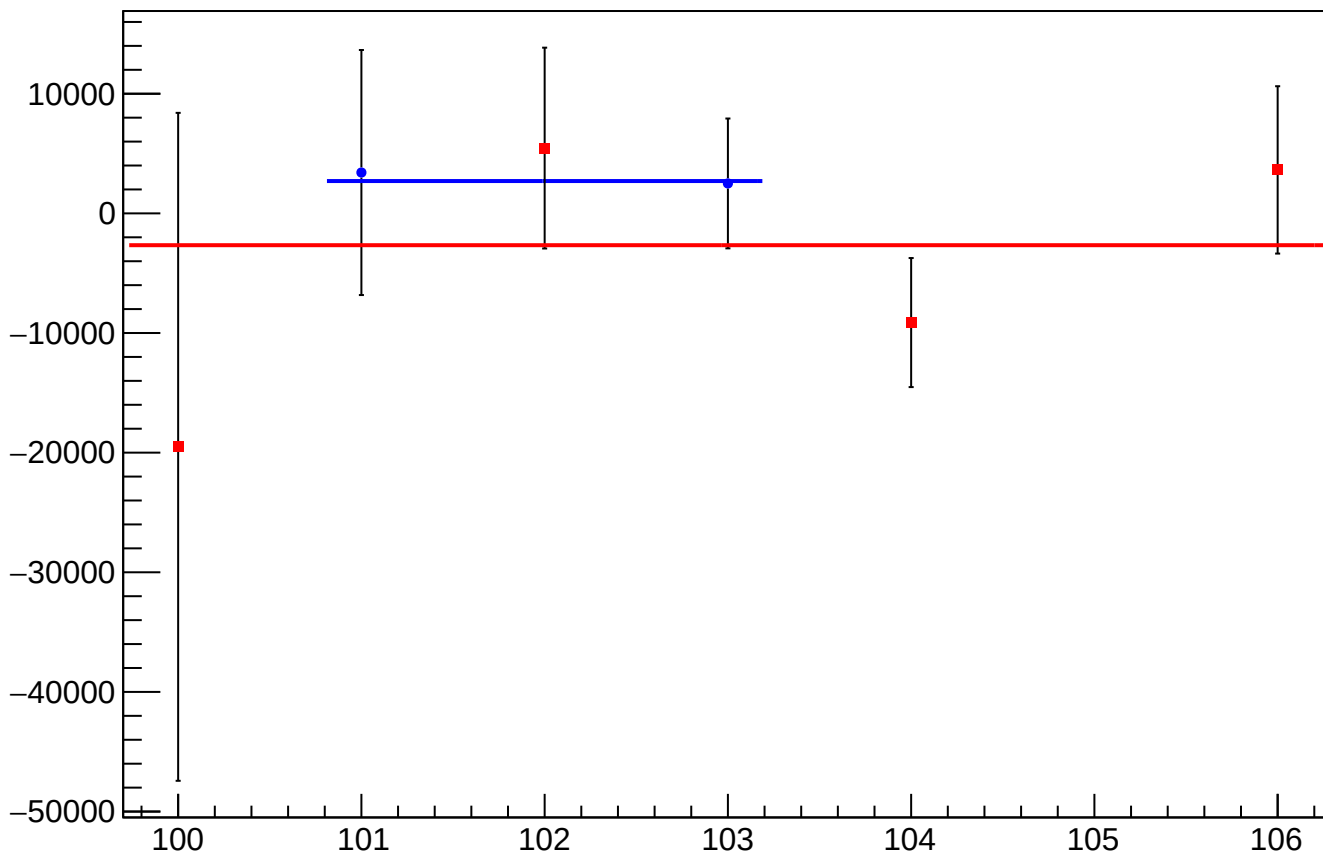
Right: 1321.985+/-0.616 χ^2/NDF : 509165.9/5

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.985+/-0.616 χ^2/NDF : 509165.9/5

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2702.552 $\pm$ 4794.737 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2659.827 $\pm$ 3771.700 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

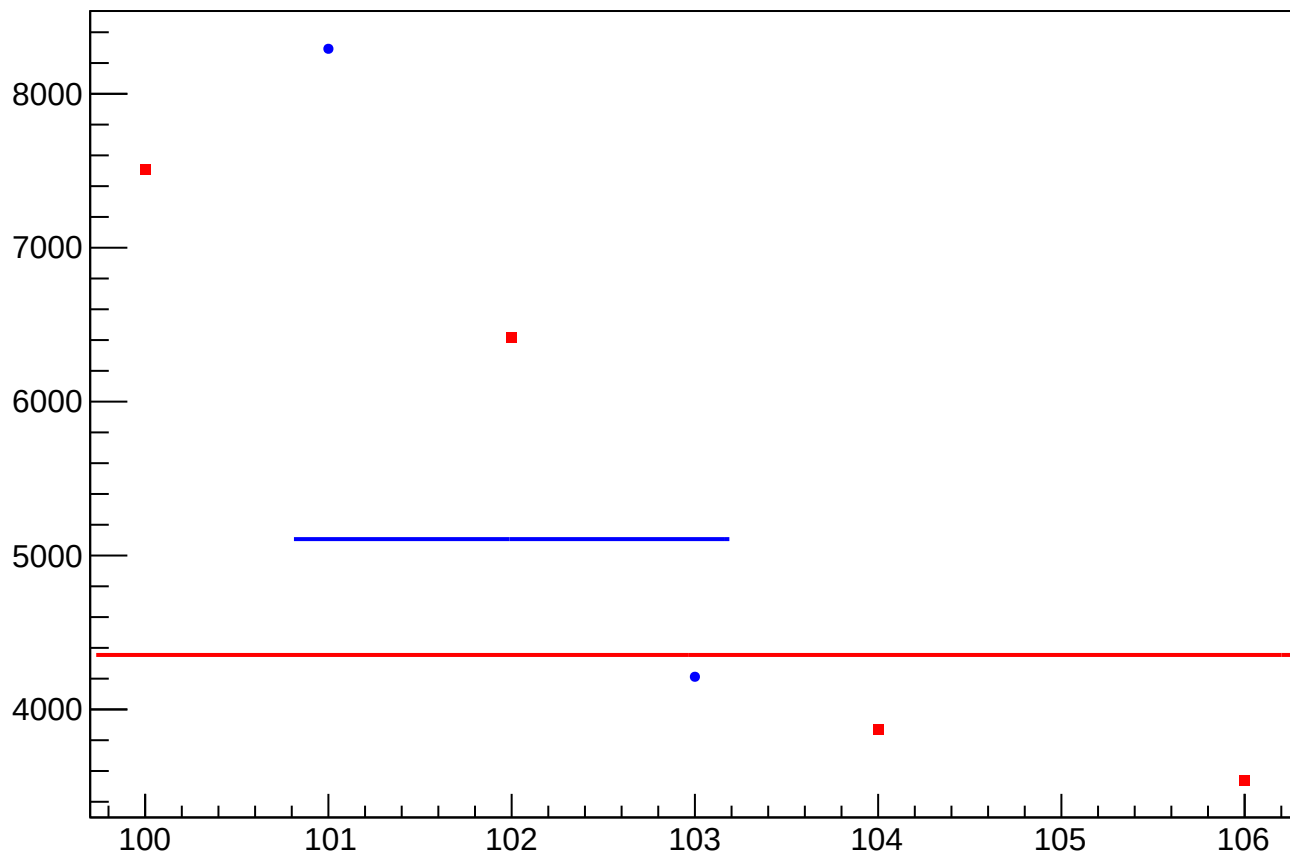
Right: -610.029 $\pm$ 2964.433 χ^2 /NDF: 4.3/5

In: 2702.552 $\pm$ 4794.737 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -610.029 $\pm$ 2964.433 χ^2 /NDF: 4.3/5

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5106.683 ± 3.390 $\chi^2/\text{NDF}: 247894.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4353.990 ± 2.667 $\chi^2/\text{NDF}: 189641.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

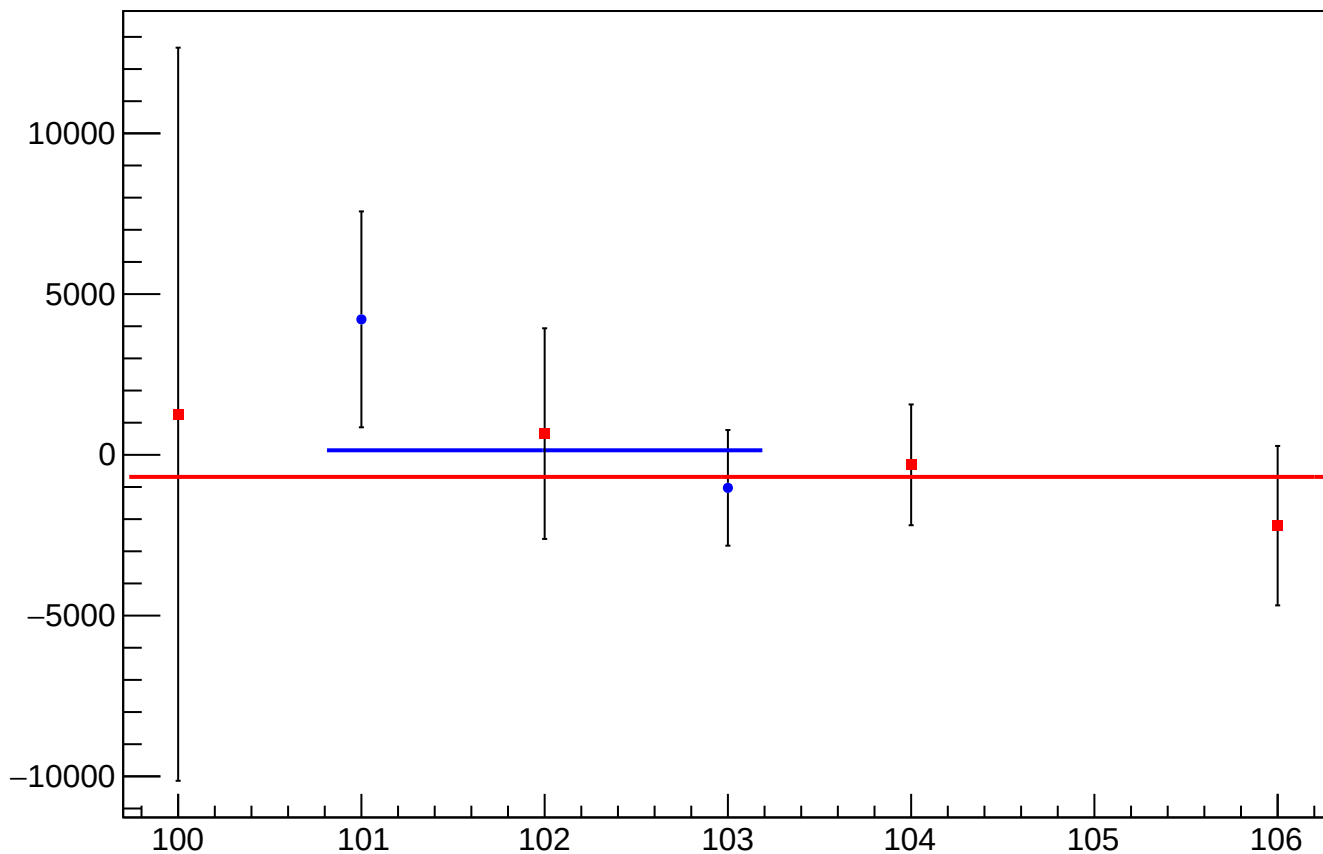
Right: 4641.711 ± 2.096 $\chi^2/\text{NDF}: 467982.9/5$

In: 5106.683 ± 3.390 $\chi^2/\text{NDF}: 247894.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4641.711 ± 2.096 $\chi^2/\text{NDF}: 467982.9/5$

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.641 ± 1585.399 $\chi^2/\text{NDF}: 1.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -685.617 ± 1352.115 $\chi^2/\text{NDF}: 0.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

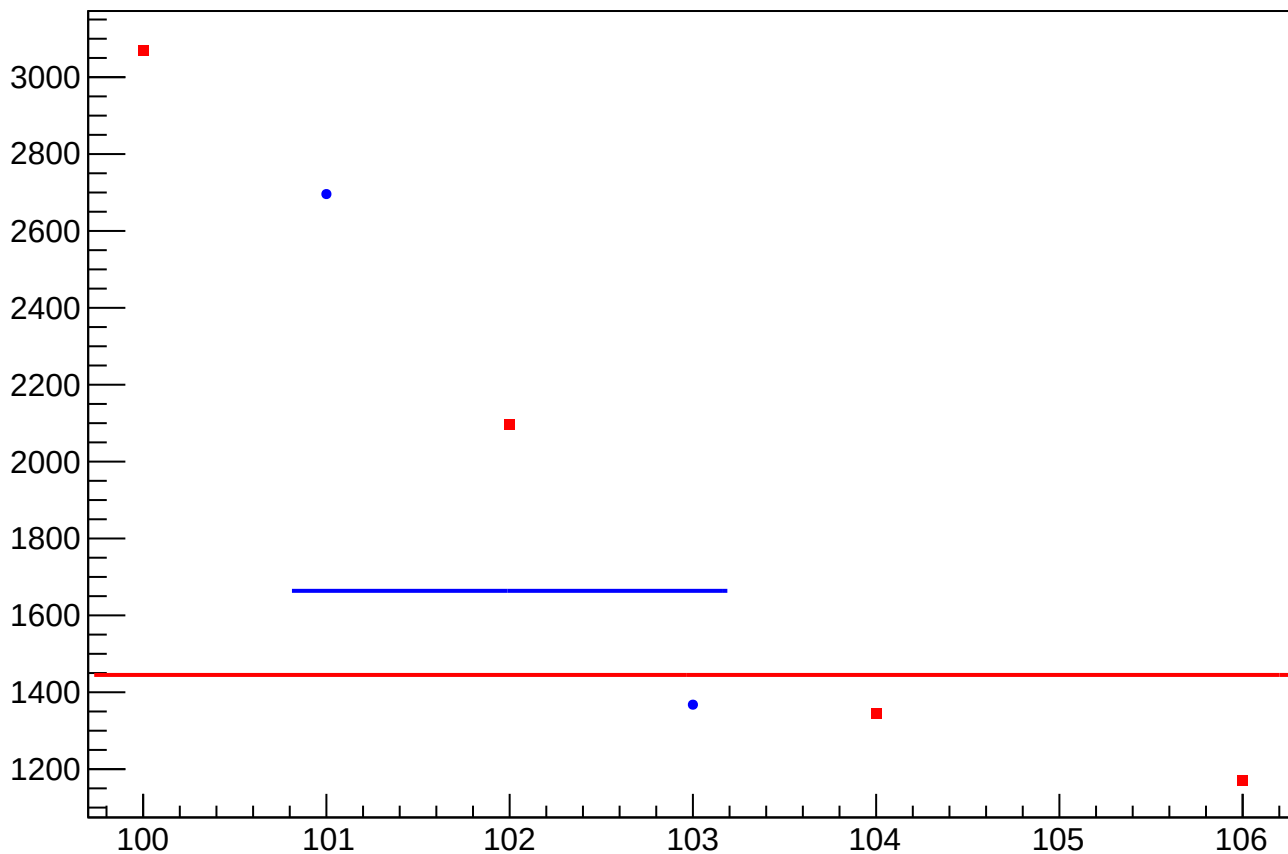
Right: -337.273 ± 1028.779 $\chi^2/\text{NDF}: 2.7/5$

In: 141.641 ± 1585.399 $\chi^2/\text{NDF}: 1.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -337.273 ± 1028.779 $\chi^2/\text{NDF}: 2.7/5$

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1663.829+/-1.121 χ^2/NDF : 243181.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1445.068+/-0.955 χ^2/NDF : 149908.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

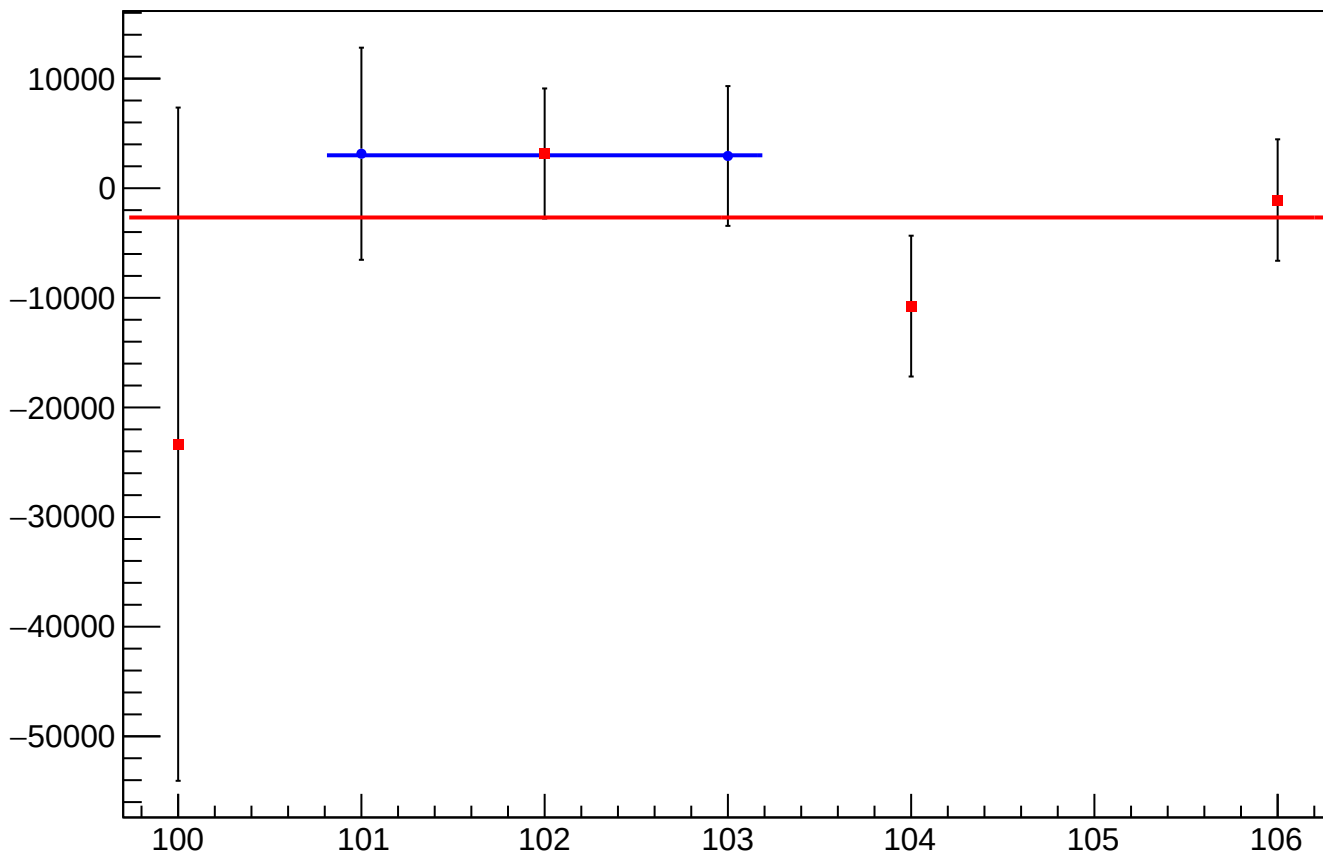
Right: 1537.013+/-0.727 χ^2/NDF : 415165.1/5

In: 1663.829+/-1.121 χ^2/NDF : 243181.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.013+/-0.727 χ^2/NDF : 415165.1/5

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3002.743+/-5323.906 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2669.704+/-3403.759 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

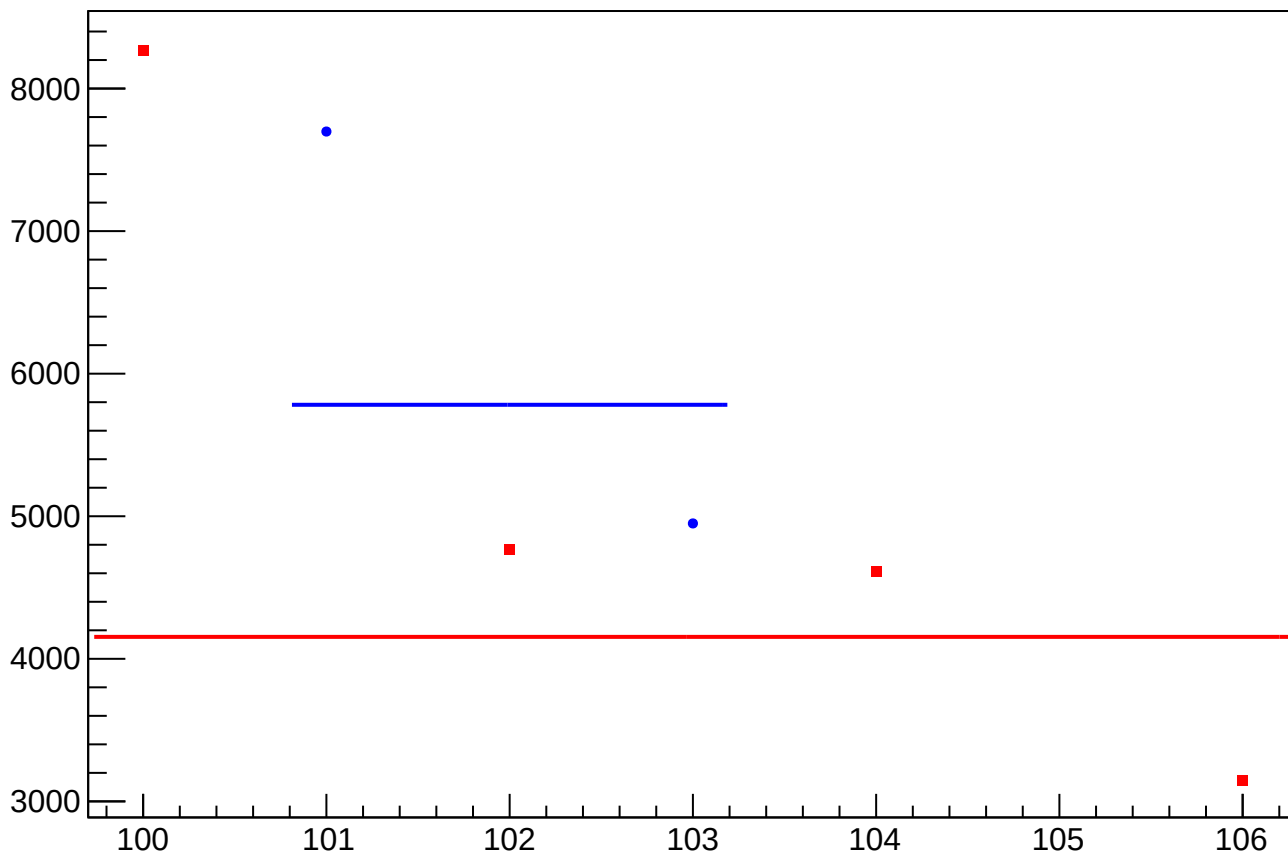
Right: -1023.842+/-2867.755 χ^2/NDF : 3.9/5

In: 3002.743+/-5323.906 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.842+/-2867.755 χ^2/NDF : 3.9/5

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5781.792+/-3.765 χ^2/NDF : 112548.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4153.885+/-2.407 χ^2/NDF : 133029.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

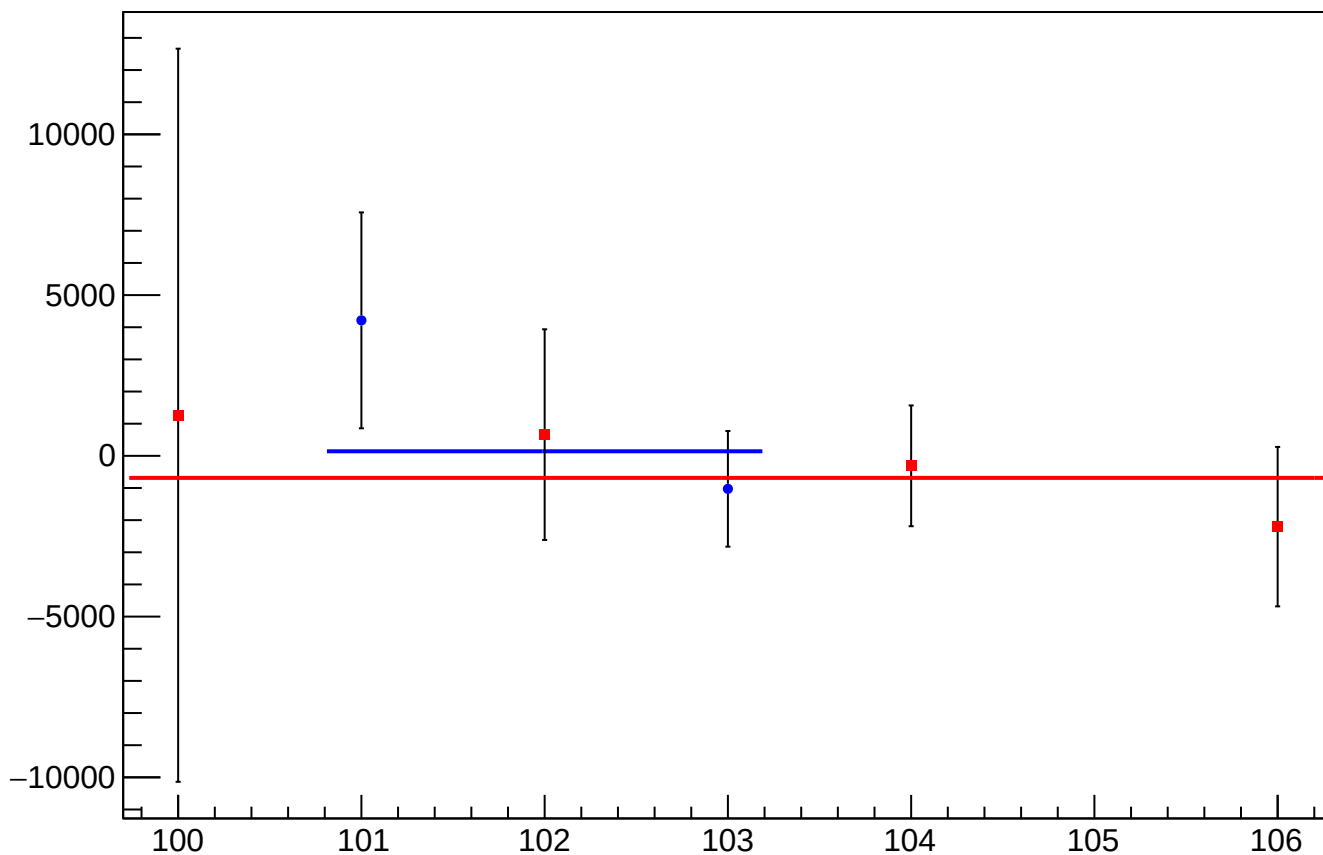
Right: 4626.222+/-2.028 χ^2/NDF : 378315.4/5

In: 5781.792+/-3.765 χ^2/NDF : 112548.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4626.222+/-2.028 χ^2/NDF : 378315.4/5

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.649+/-1585.401 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -685.636+/-1352.117 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

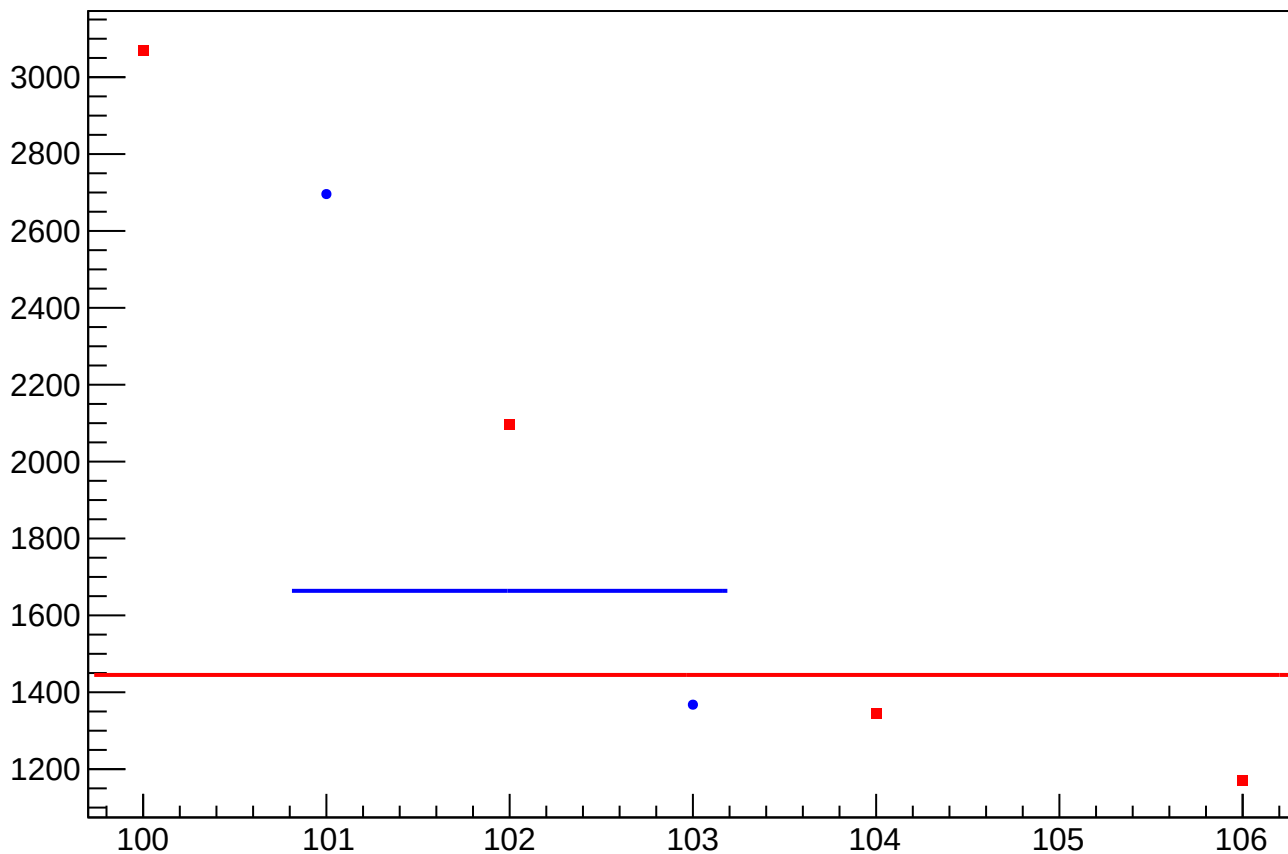
Right: -337.281+/-1028.780 χ^2/NDF : 2.7/5

In: 141.649+/-1585.401 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -337.281+/-1028.780 χ^2/NDF : 2.7/5

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1663.832+/-1.121 χ^2 /NDF: 243180.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1445.069+/-0.955 χ^2 /NDF: 149909.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

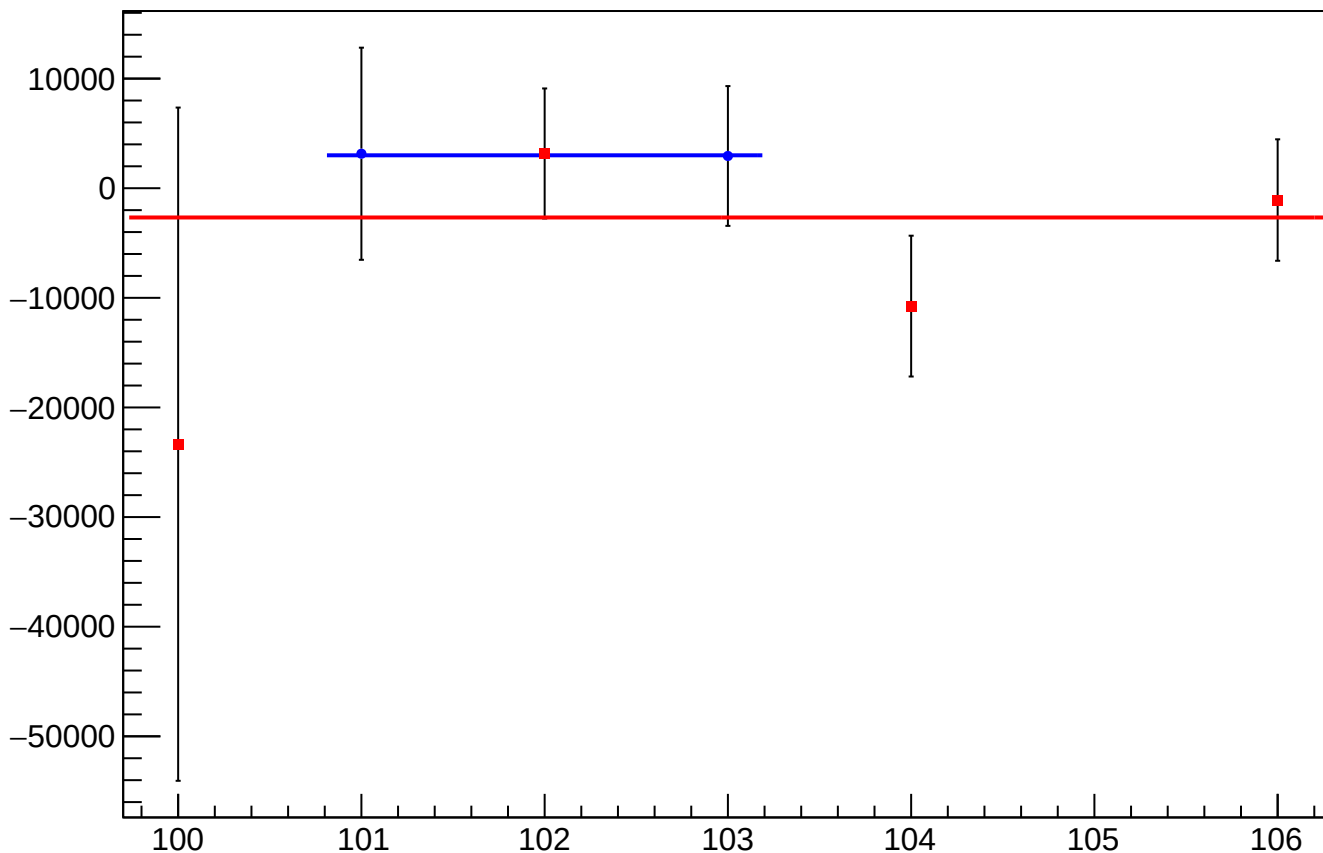
Right: 1537.015+/-0.727 χ^2 /NDF: 415164.6/5

In: 1663.832+/-1.121 χ^2 /NDF:243180.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1537.015+/-0.727 χ^2 /NDF: 415164.6/5

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3002.750+/-5323.907 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2669.720+/-3403.755 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

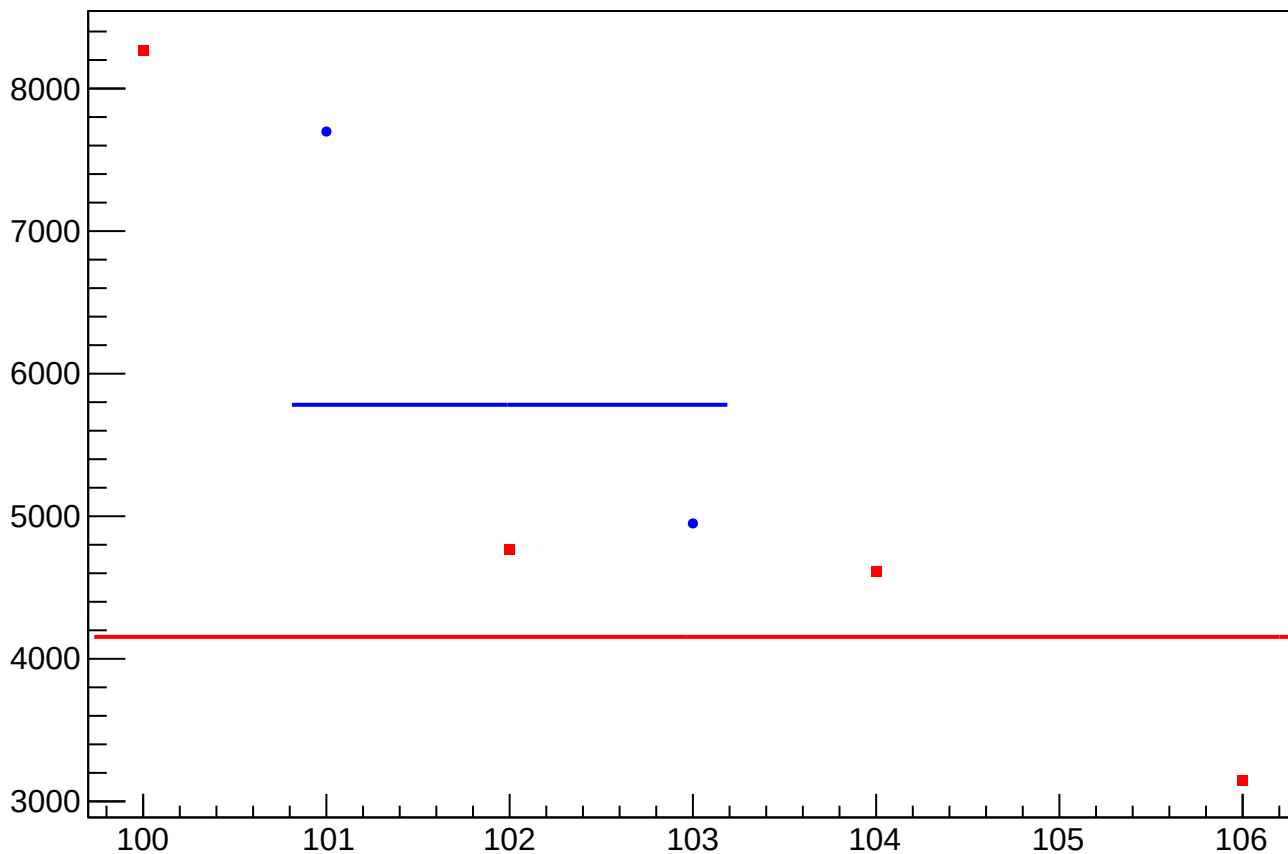
Right: -1023.853+/-2867.752 χ^2/NDF : 3.9/5

In: 3002.750+/-5323.907 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.853+/-2867.752 χ^2/NDF : 3.9/5

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5781.793 ± 3.765 $\chi^2/\text{NDF}: 112547.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4153.878 ± 2.407 $\chi^2/\text{NDF}: 133031.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

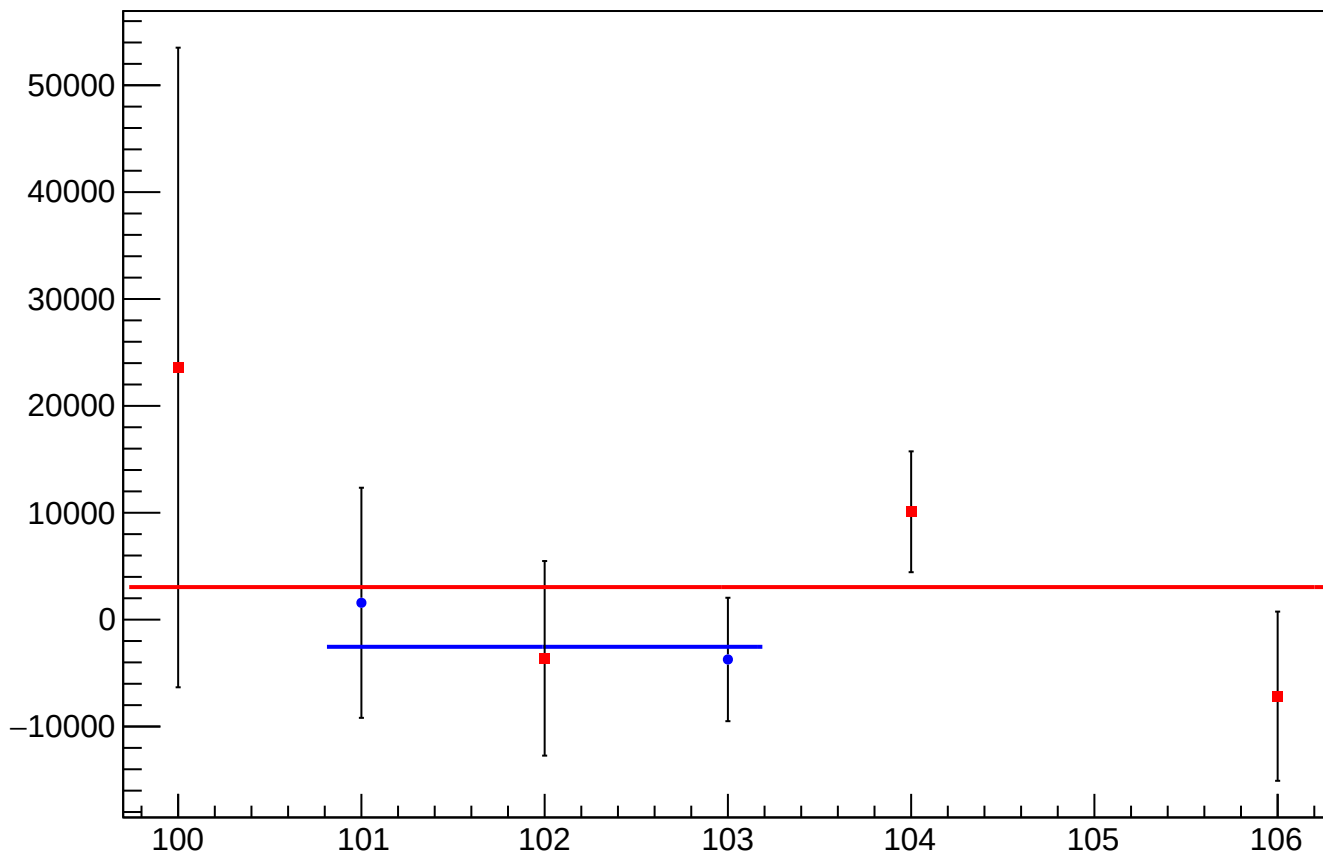
Right: 4626.217 ± 2.028 $\chi^2/\text{NDF}: 378318.6/5$

In: 5781.793 ± 3.765 $\chi^2/\text{NDF}: 112547.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4626.217 ± 2.028 $\chi^2/\text{NDF}: 378318.6/5$

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2541.714 $\pm$ 5088.024 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3046.630 $\pm$ 4067.840 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

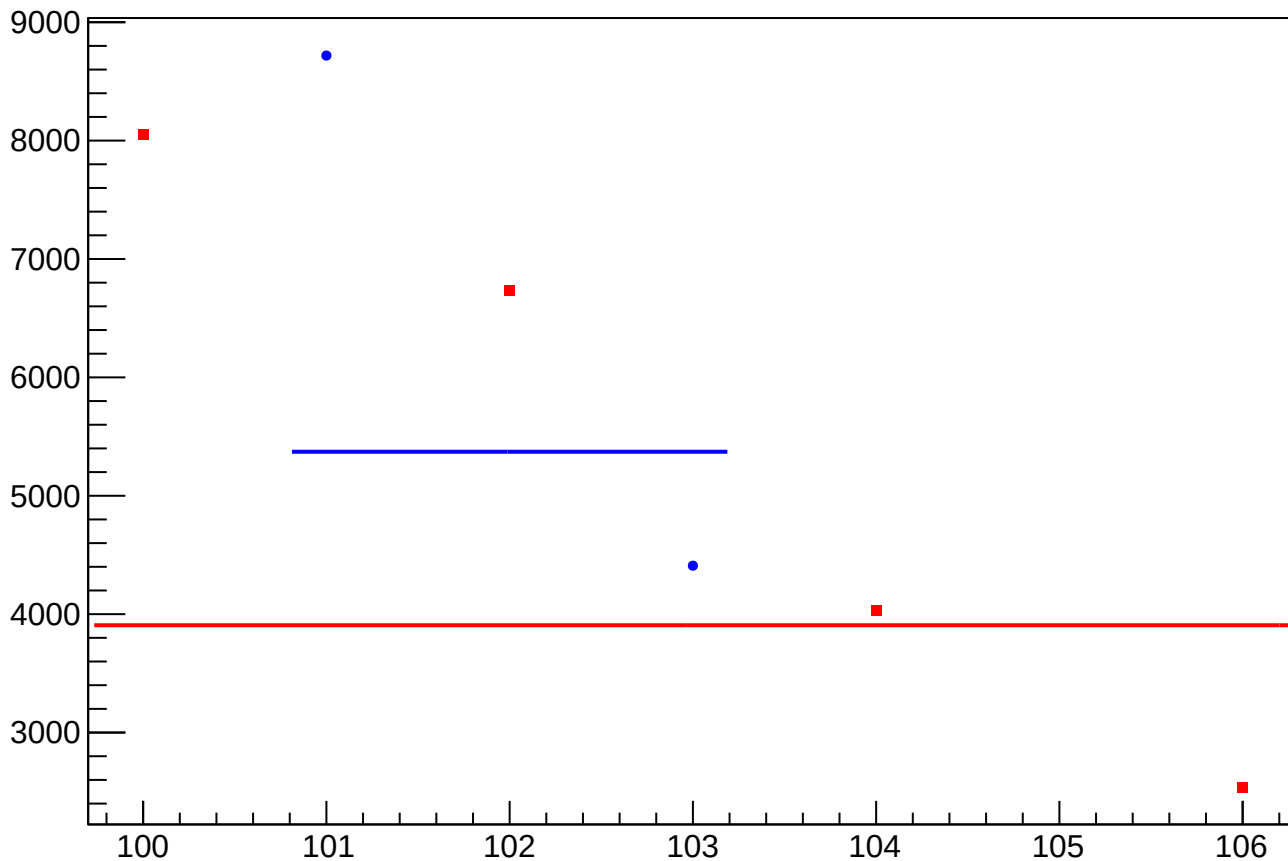
Right: 867.498 $\pm$ 3177.235 χ^2 /NDF: 5.1/5

In: -2541.714 $\pm$ 5088.024 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 867.498 $\pm$ 3177.235 χ^2 /NDF: 5.1/5

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5371.936+/-3.598 χ^2/NDF : 248835.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3906.332+/-2.570 χ^2/NDF : 349189.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

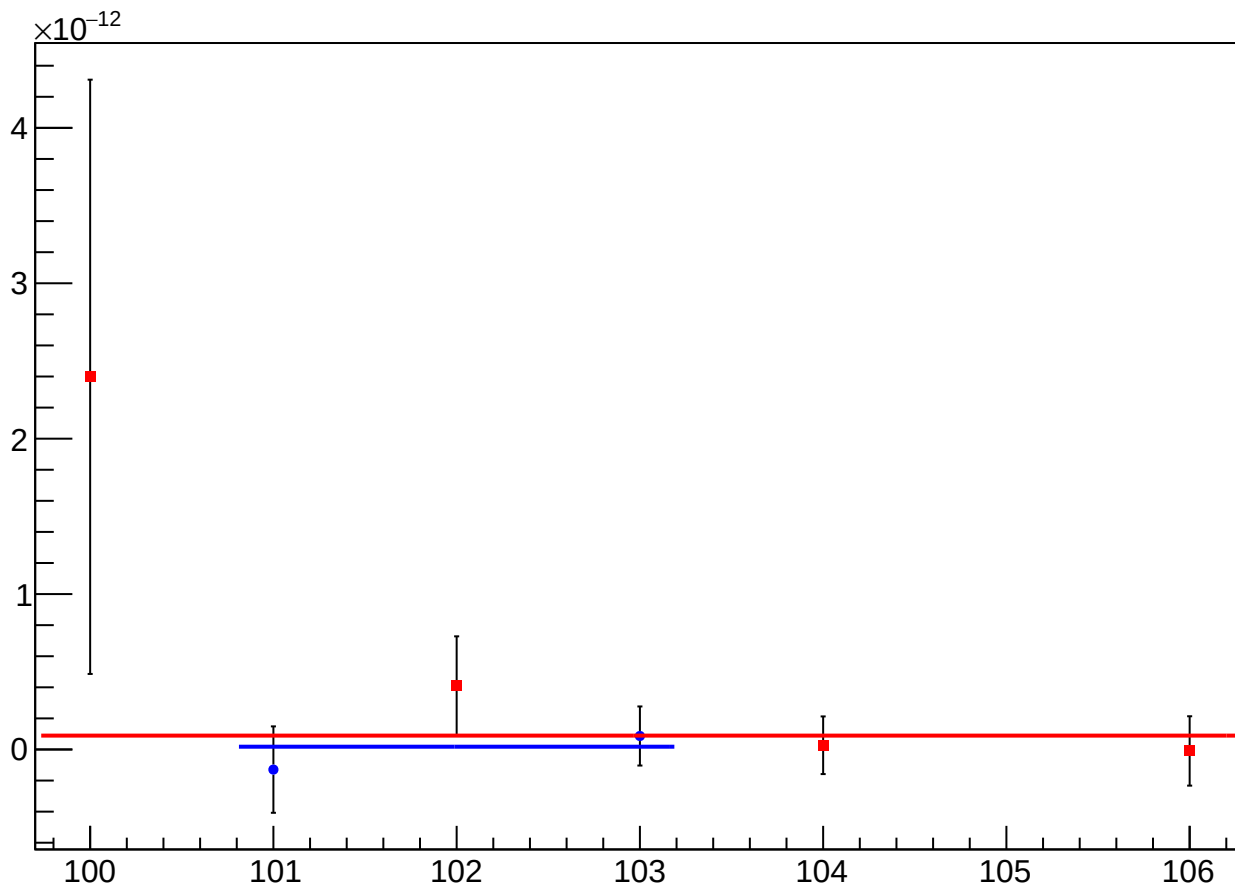
Right: 4401.499+/-2.091 χ^2/NDF : 707910.5/5

In: 5371.936+/-3.598 χ^2/NDF : 248835.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4401.499+/-2.091 χ^2/NDF : 707910.5/5

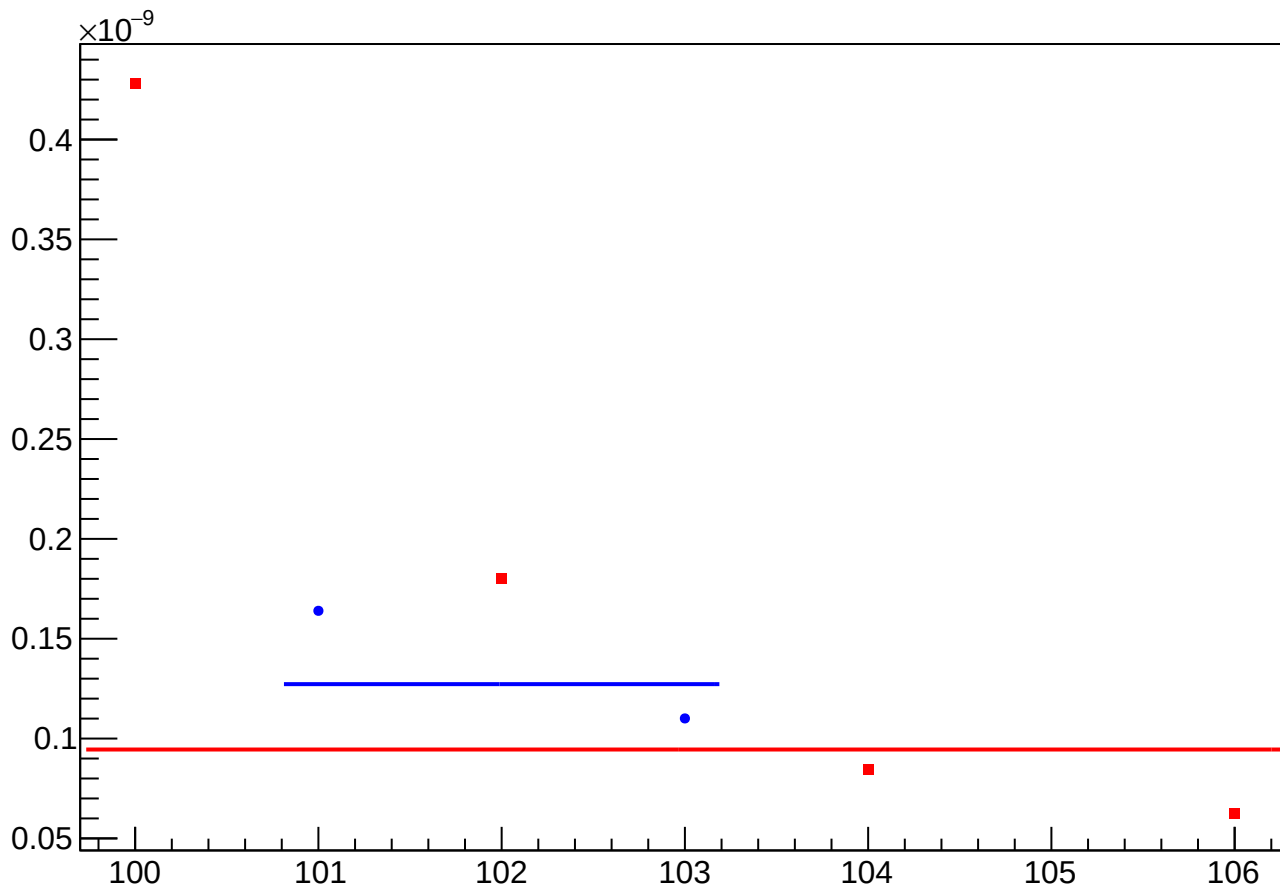
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 3.3/5
 In: 0.000+/-0.000 χ^2/NDF : 0.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 3.3/5

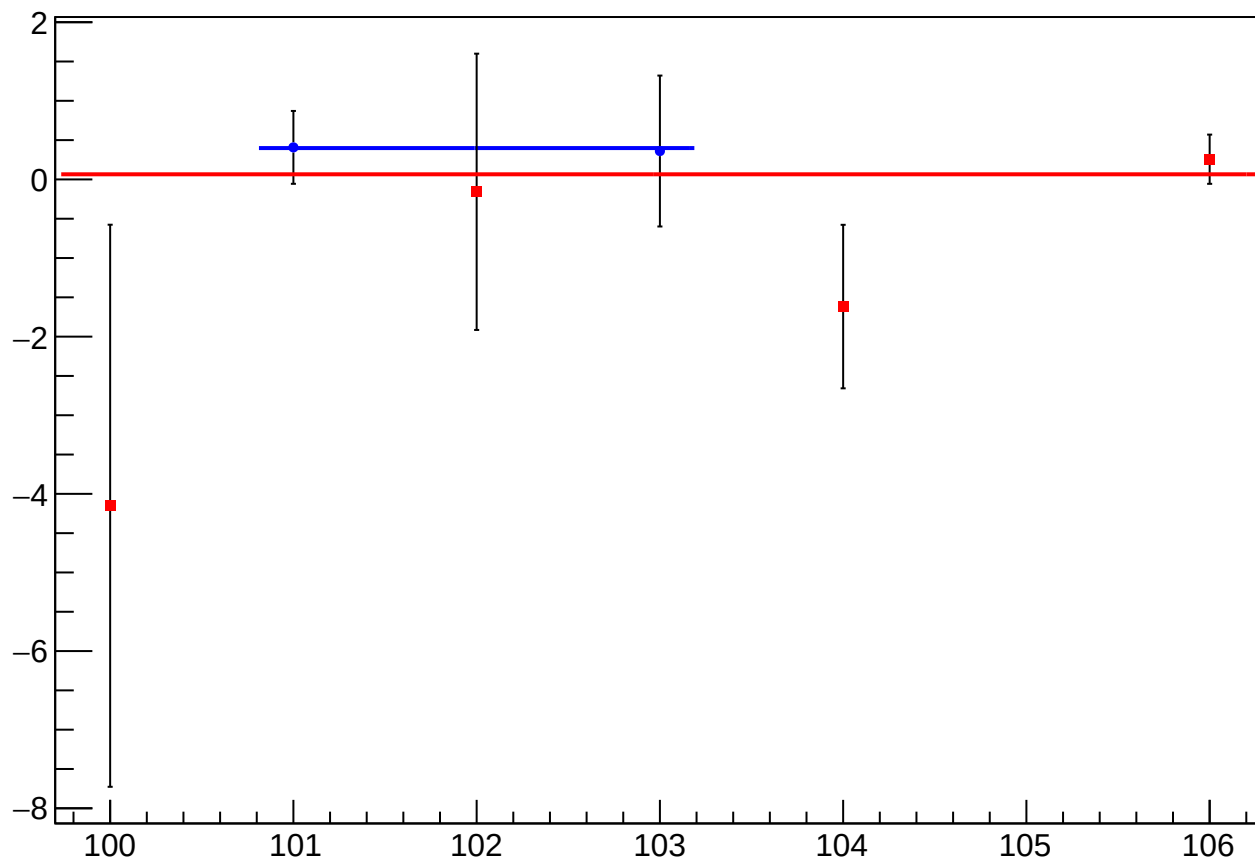
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 51204.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 252970.4/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 355824.8/5
 In: 0.000+/-0.000 χ^2/NDF : 51204.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 355824.8/5

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.294 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

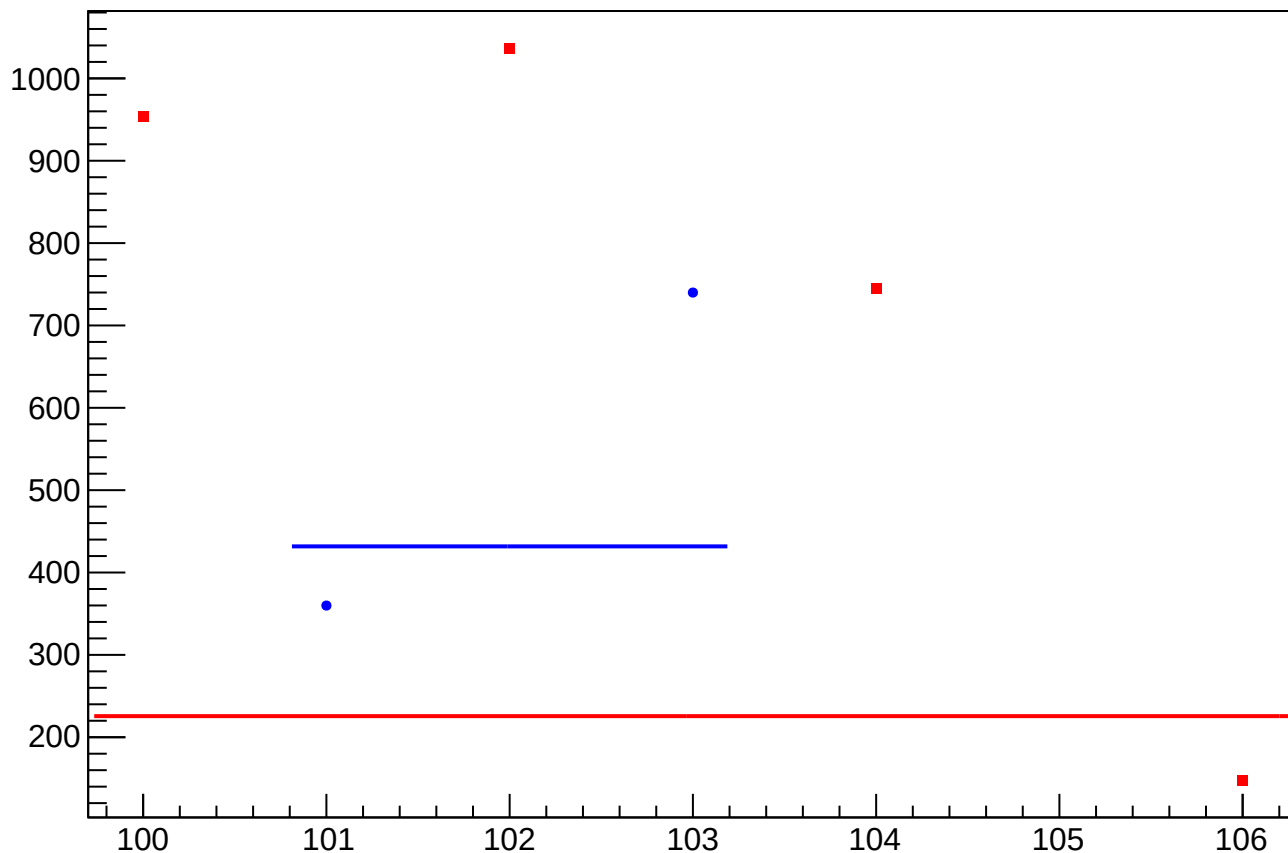
Right: 0.176+/-0.241 χ^2/NDF : 4.8/5

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-0.241 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.741+/-0.295 χ^2/NDF : 254271.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.622+/-0.208 χ^2/NDF : 1130982.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

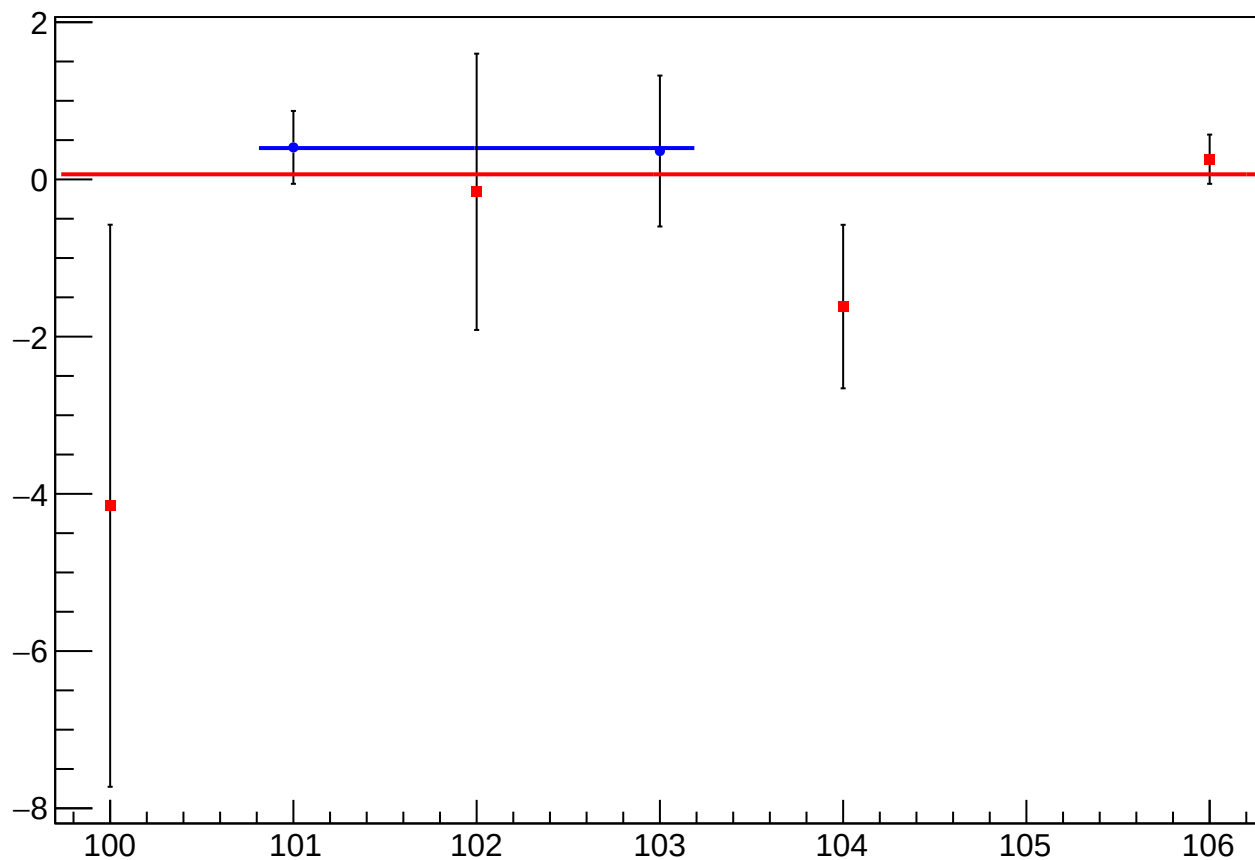
Right: 294.132+/-0.170 χ^2/NDF : 1710904.5/5

In: 431.741+/-0.295 χ^2/NDF : 254271.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.132+/-0.170 χ^2/NDF : 1710904.5/5

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.294 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

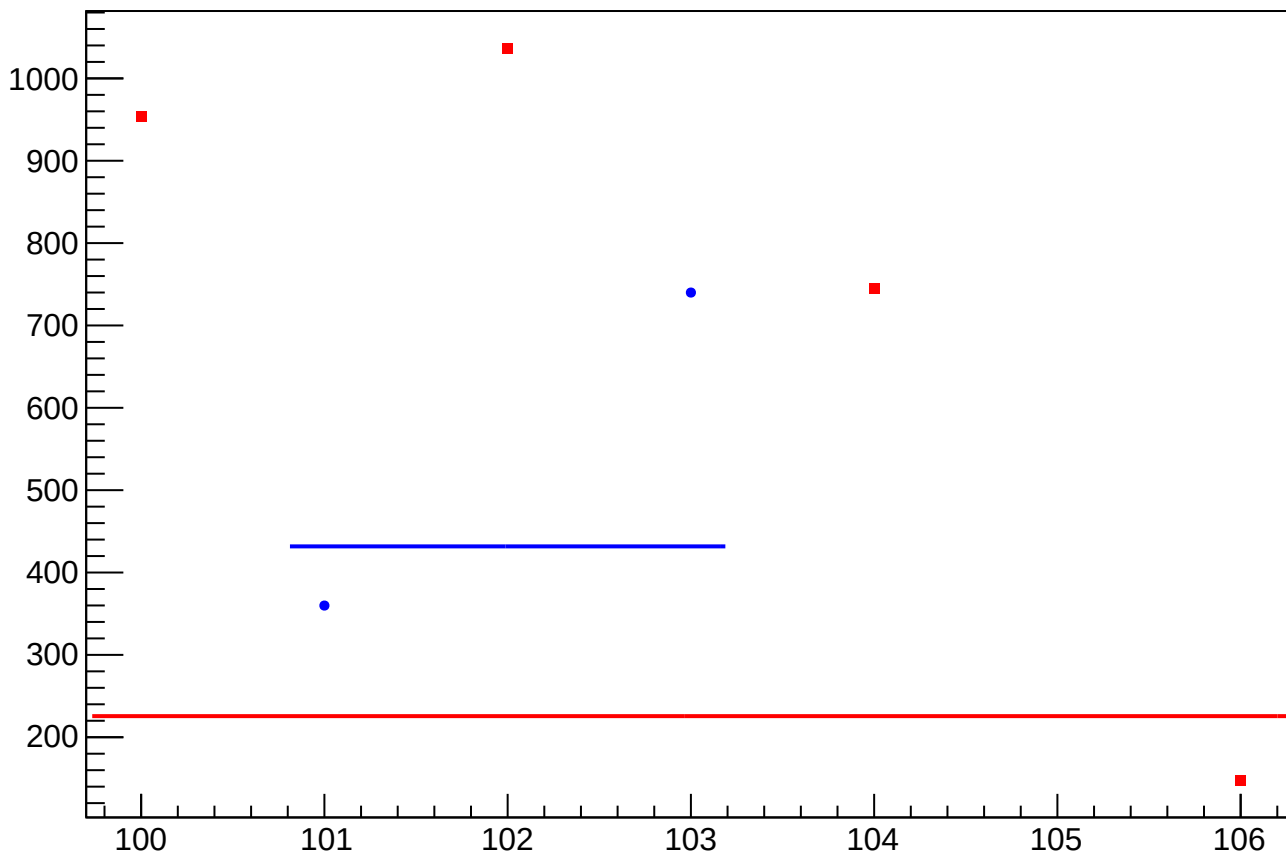
Right: 0.176+/-0.241 χ^2/NDF : 4.8/5

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-0.241 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.741+/-0.295 χ^2/NDF : 254271.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.622+/-0.208 χ^2/NDF : 1130982.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

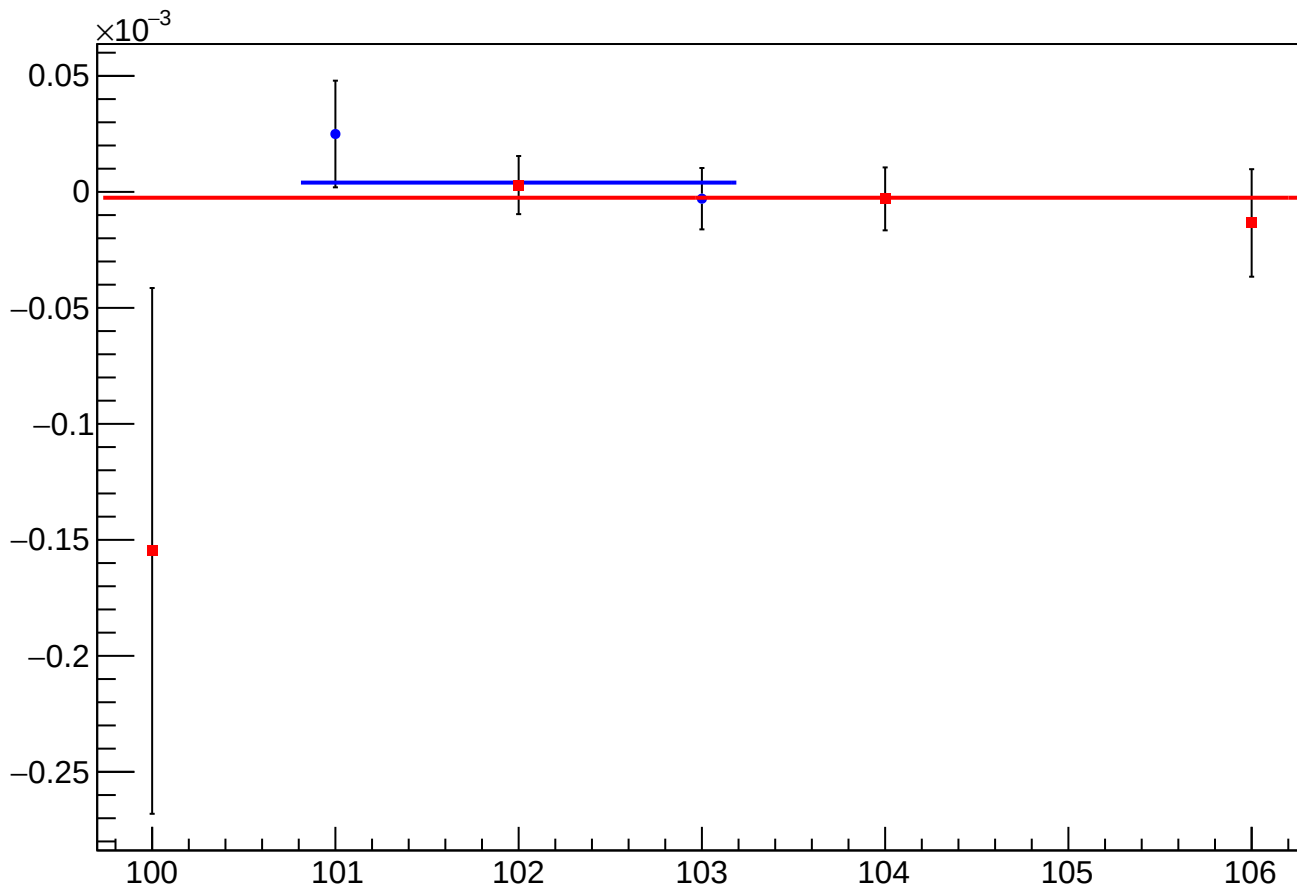
Right: 294.132+/-0.170 χ^2/NDF : 1710904.5/5

In: 431.741+/-0.295 χ^2/NDF : 254271.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.132+/-0.170 χ^2/NDF : 1710904.5/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

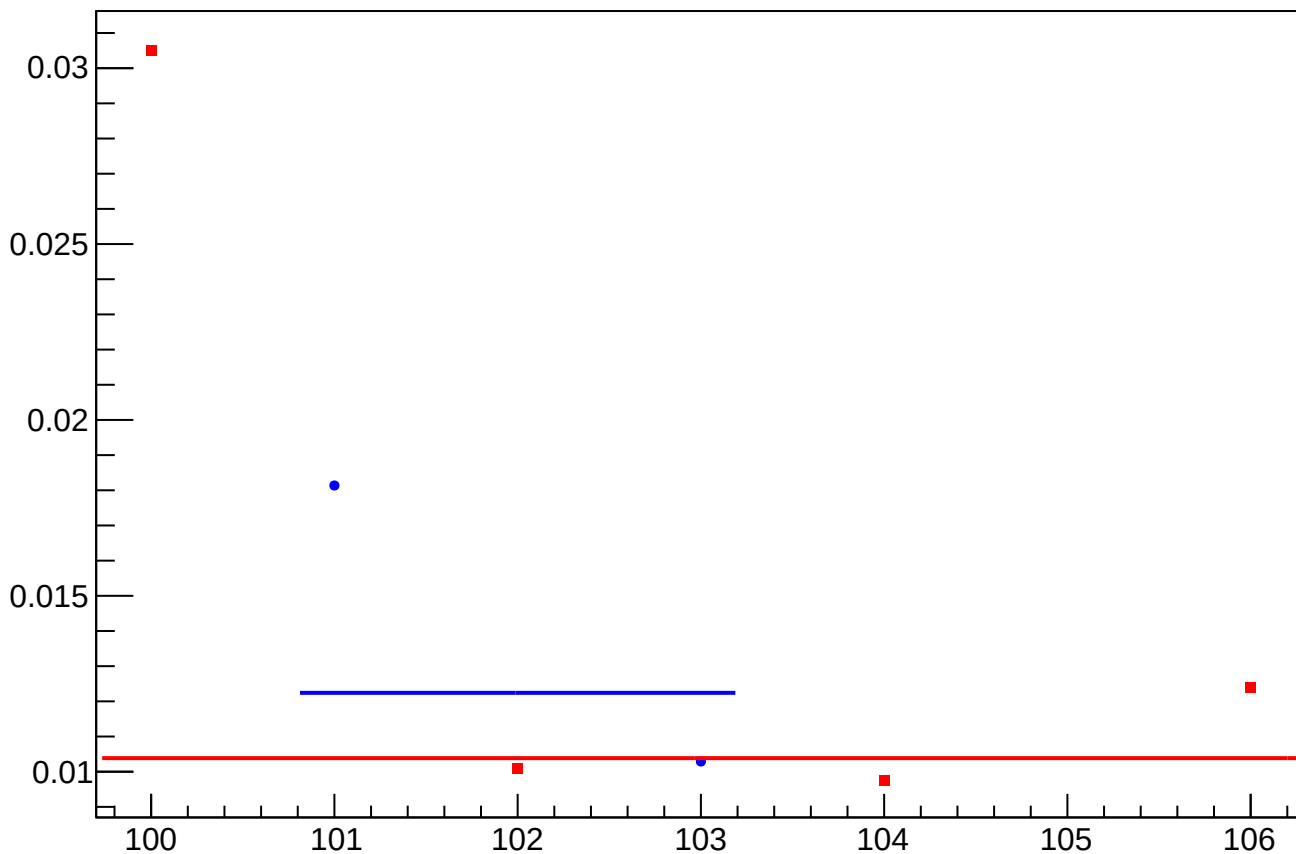
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 175006.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 83614.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

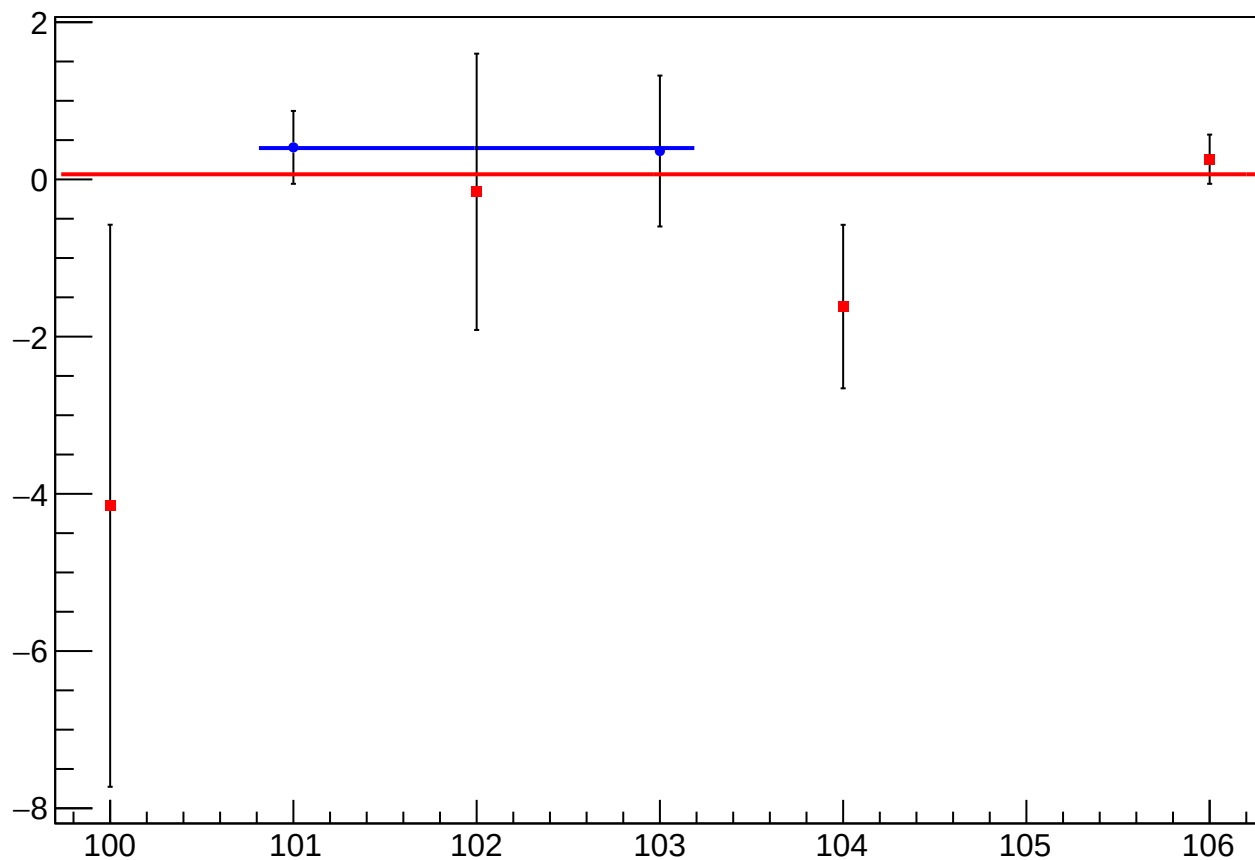
Right: 0.011+/-0.000 χ^2/NDF : 292360.6/5

In: 0.012+/-0.000 χ^2/NDF : 175006.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 292360.6/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.294 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

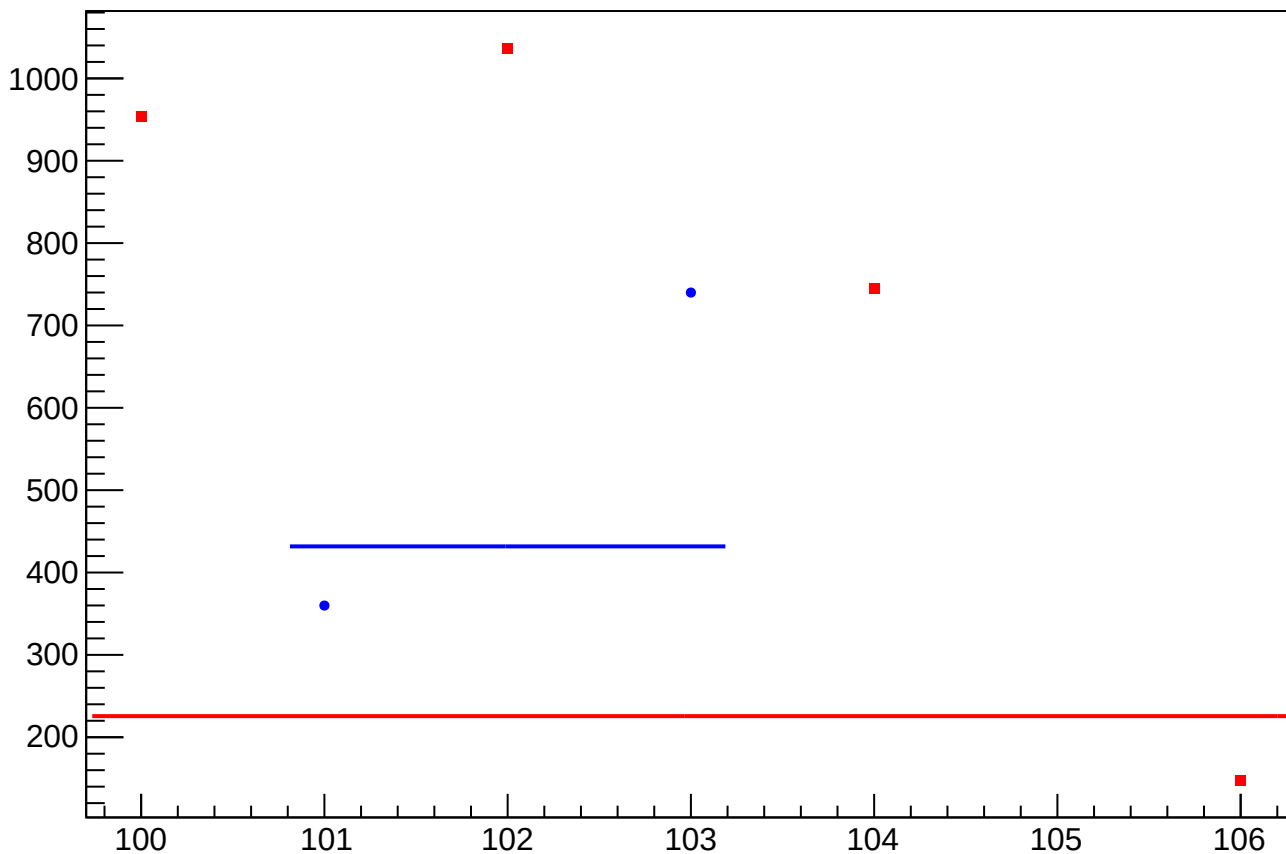
Right: 0.176+/-0.241 χ^2/NDF : 4.8/5

In: 0.399+/-0.417 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-0.241 χ^2/NDF : 4.8/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.735+/-0.295 χ^2/NDF : 254282.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.620+/-0.208 χ^2/NDF : 1130991.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

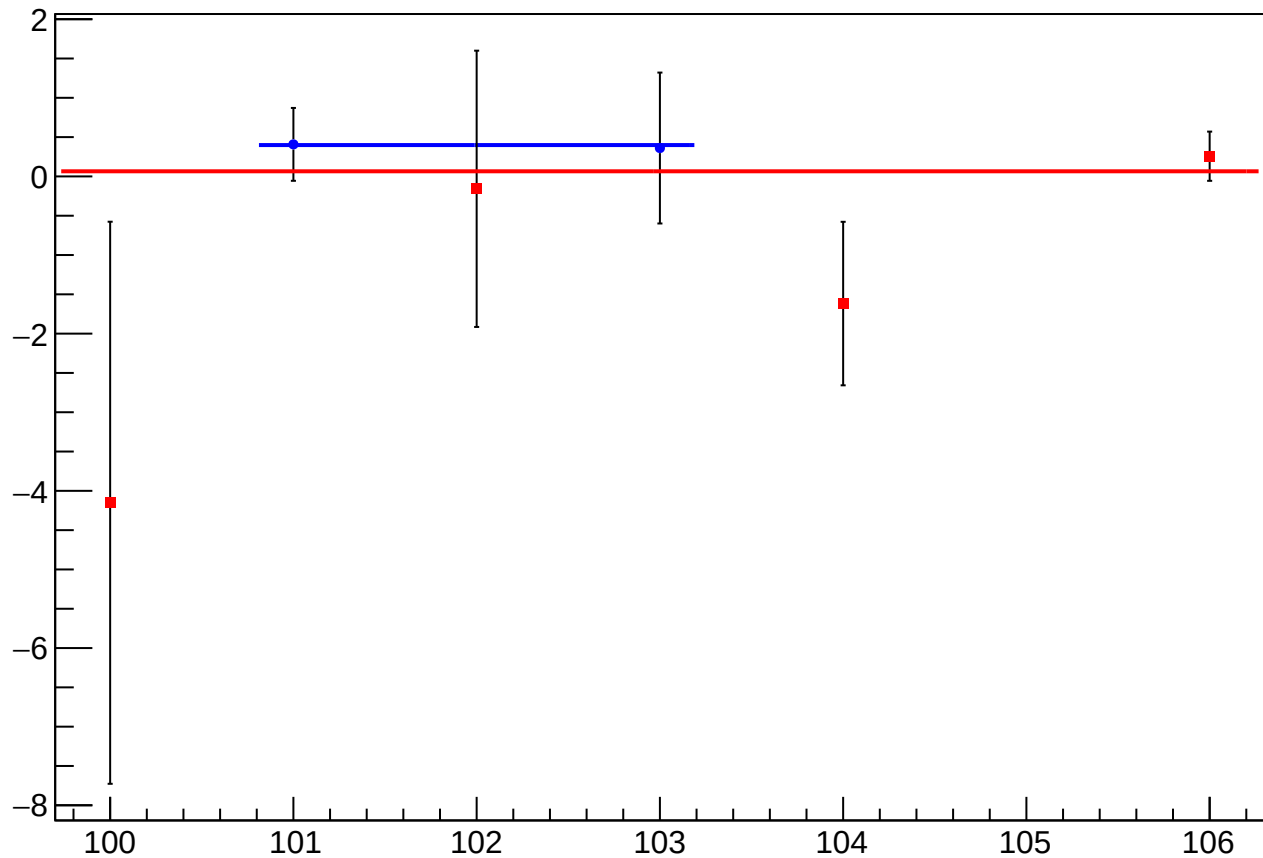
Right: 294.129+/-0.170 χ^2/NDF : 1710915.2/5

In: 431.735+/-0.295 χ^2/NDF : 254282.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.129+/-0.170 χ^2/NDF : 1710915.2/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.065 $\pm$ 0.294 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

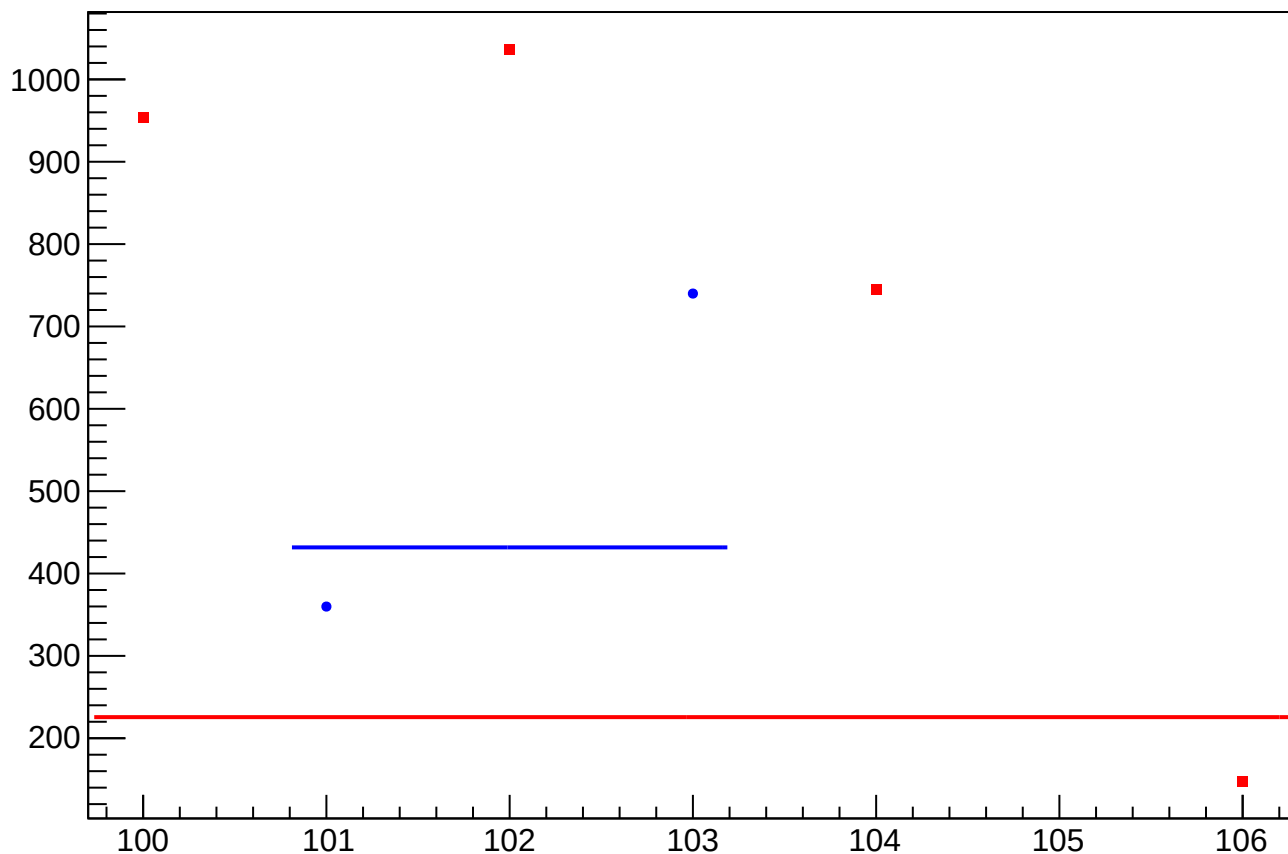
Right: 0.176 $\pm$ 0.241 χ^2 /NDF: 4.8/5

In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.176 $\pm$ 0.241 χ^2 /NDF: 4.8/5

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.735+/-0.295 χ^2/NDF : 254282.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.620+/-0.208 χ^2/NDF : 1130991.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

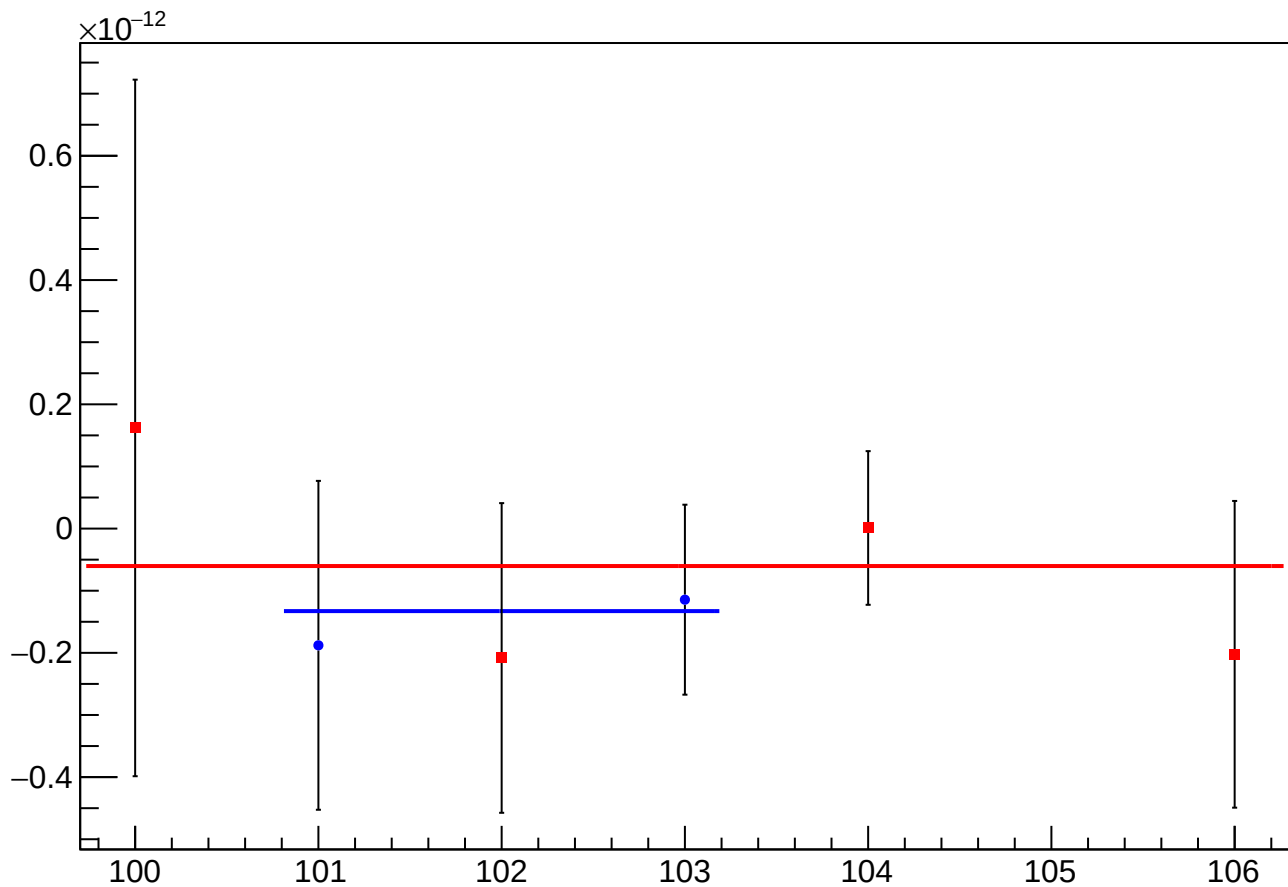
Right: 294.129+/-0.170 χ^2/NDF : 1710915.2/5

In: 431.735+/-0.295 χ^2/NDF : 254282.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.129+/-0.170 χ^2/NDF : 1710915.2/5

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

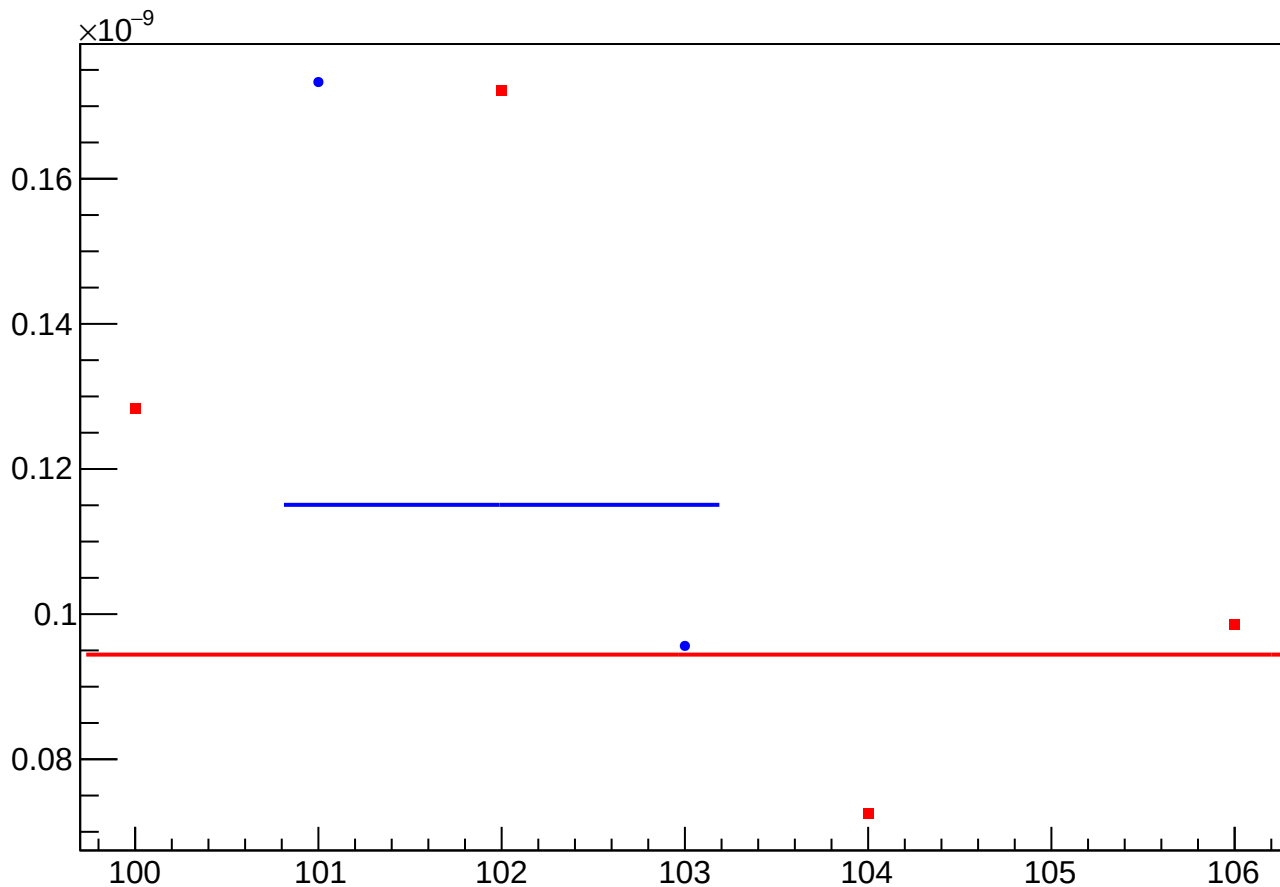
Right: -0.000+/-0.000 χ^2/NDF : 1.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.3/5

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 129276.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 265048.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

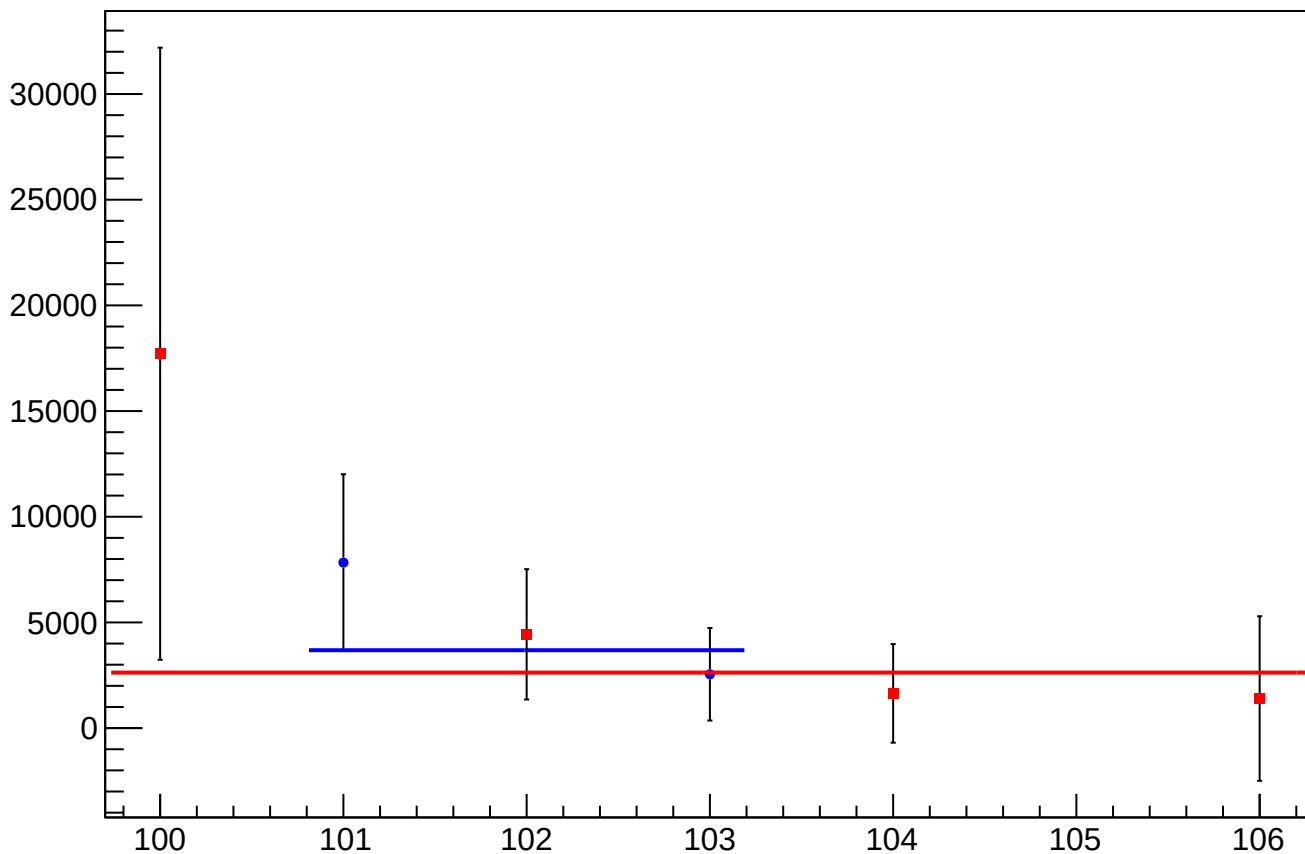
Right: 0.000+/-0.000 χ^2/NDF : 425404.5/5

In: 0.000+/-0.000 χ^2/NDF : 129276.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 425404.5/5

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3685.444+/-1940.105 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.980+/-1667.212 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

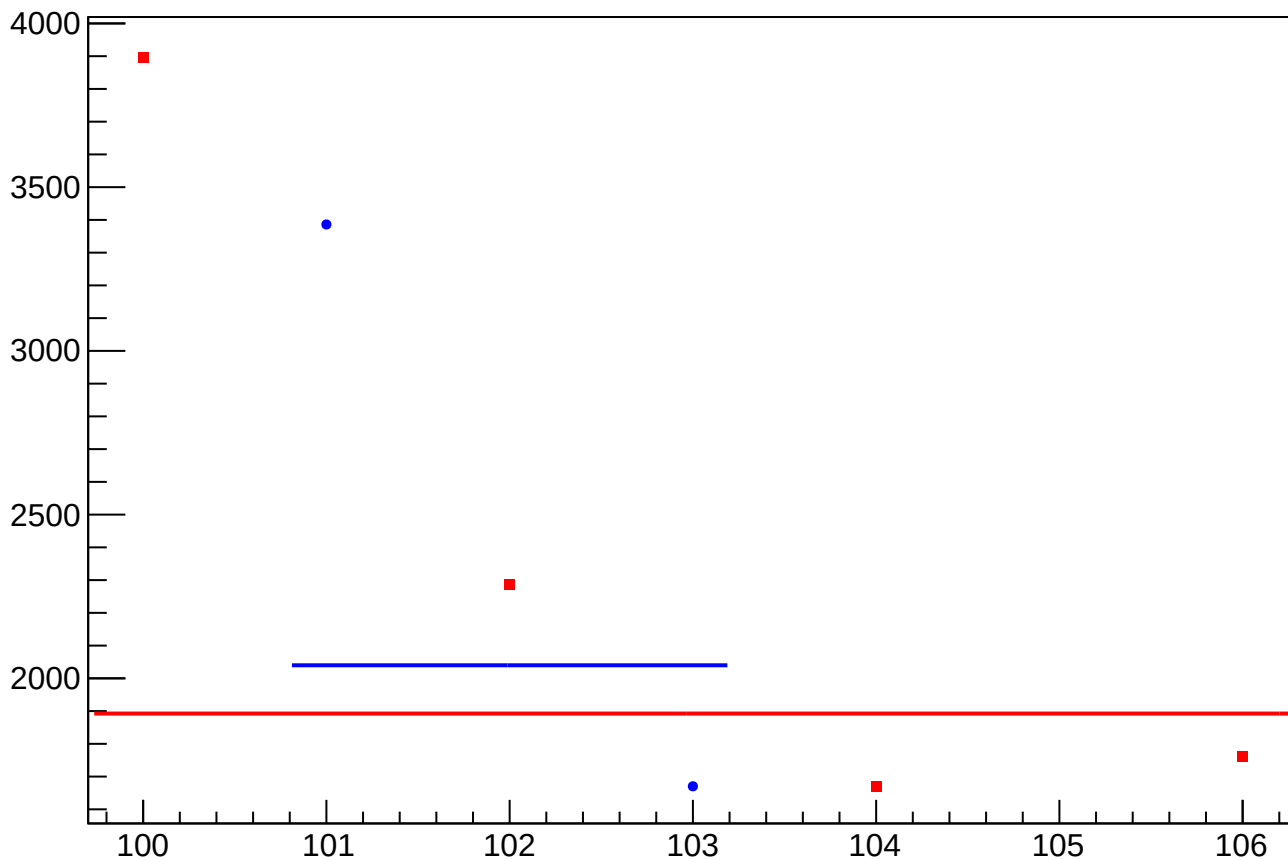
Right: 3077.170+/-1264.467 χ^2/NDF : 3.1/5

In: 3685.444+/-1940.105 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3077.170+/-1264.467 χ^2/NDF : 3.1/5

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882+/-1.372 χ^2/NDF : 264331.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.484+/-1.159 χ^2/NDF : 91788.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

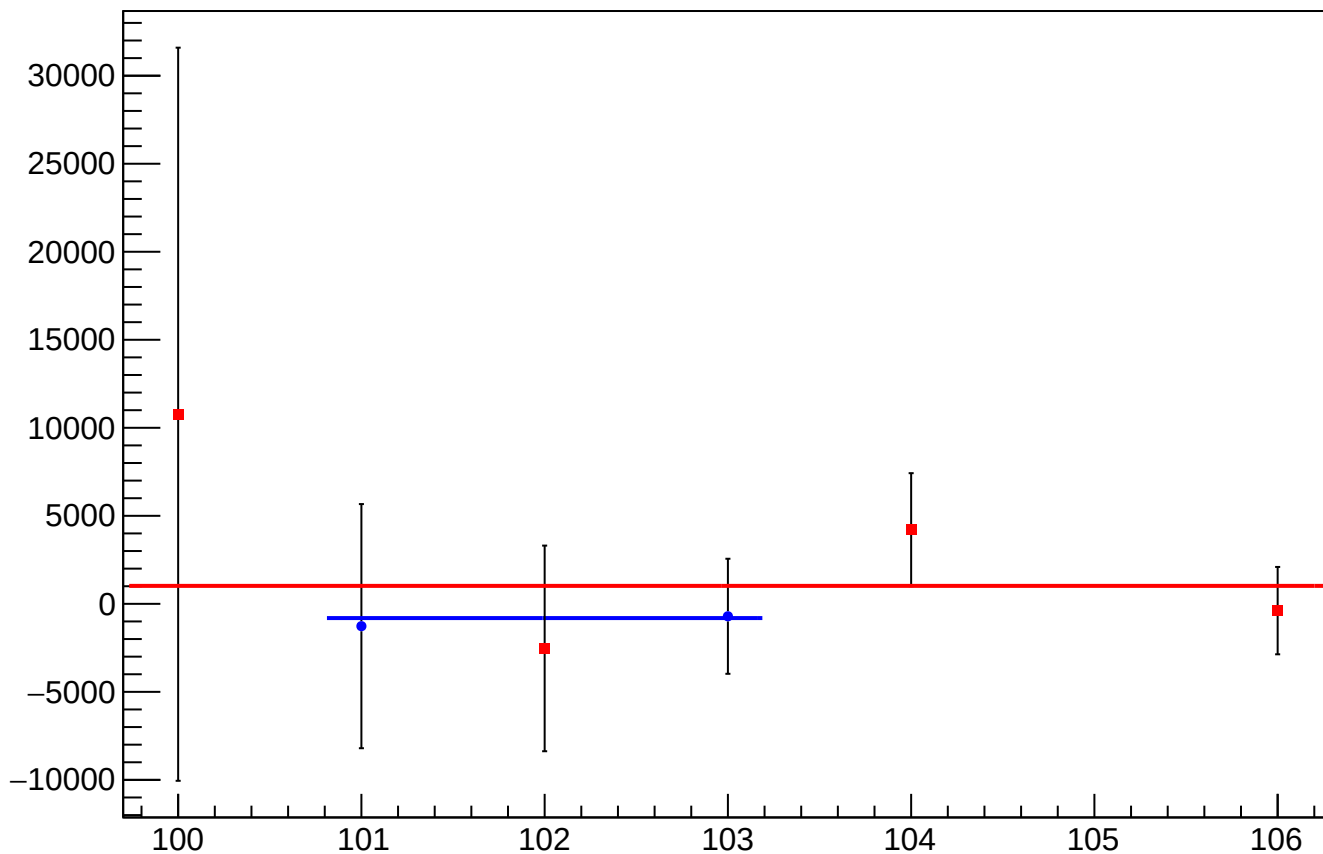
Right: 1953.860+/-0.885 χ^2/NDF : 362857.1/5

In: 2039.882+/-1.372 χ^2/NDF : 264331.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.860+/-0.885 χ^2/NDF : 362857.1/5

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -808.654+/-2955.925 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.239+/-1853.409 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

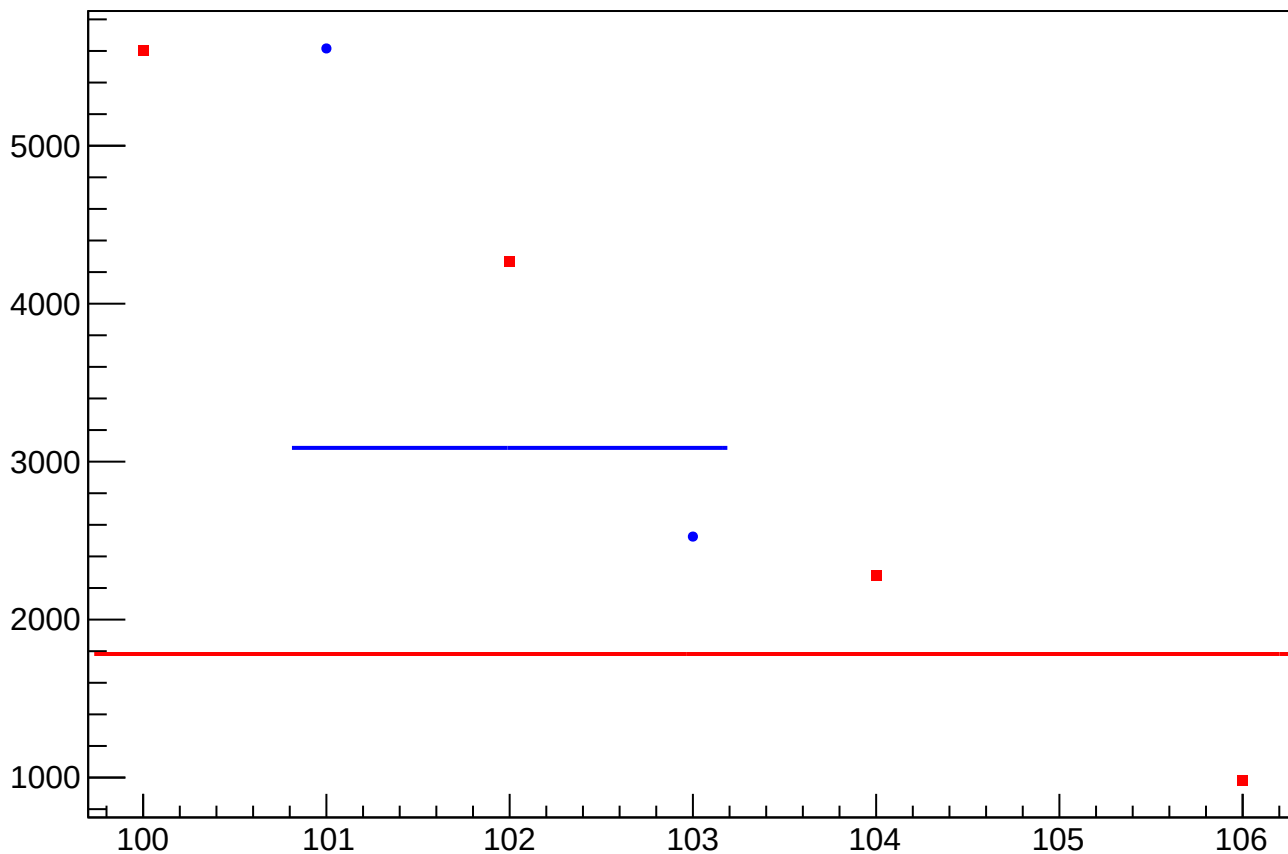
Right: 504.124+/-1570.264 χ^2/NDF : 2.2/5

In: -808.654+/-2955.925 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.124+/-1570.264 χ^2/NDF : 2.2/5

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3087.124+/-2.090 χ^2/NDF : 325034.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1782.230+/-1.311 χ^2/NDF : 686886.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

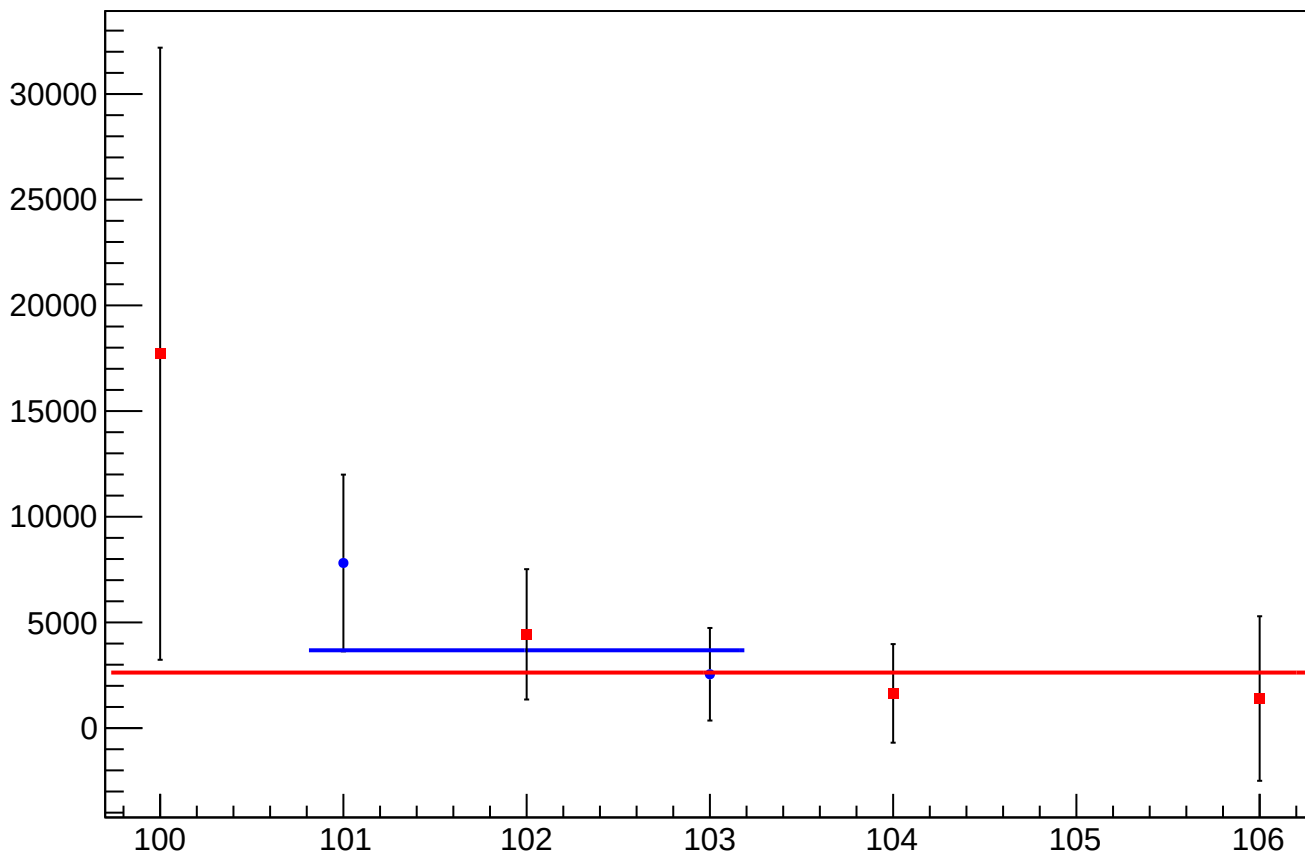
Right: 2150.473+/-1.110 χ^2/NDF : 1291687.9/5

In: 3087.124+/-2.090 χ^2/NDF : 325034.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2150.473+/-1.110 χ^2/NDF : 1291687.9/5

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.810+/-1667.213 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

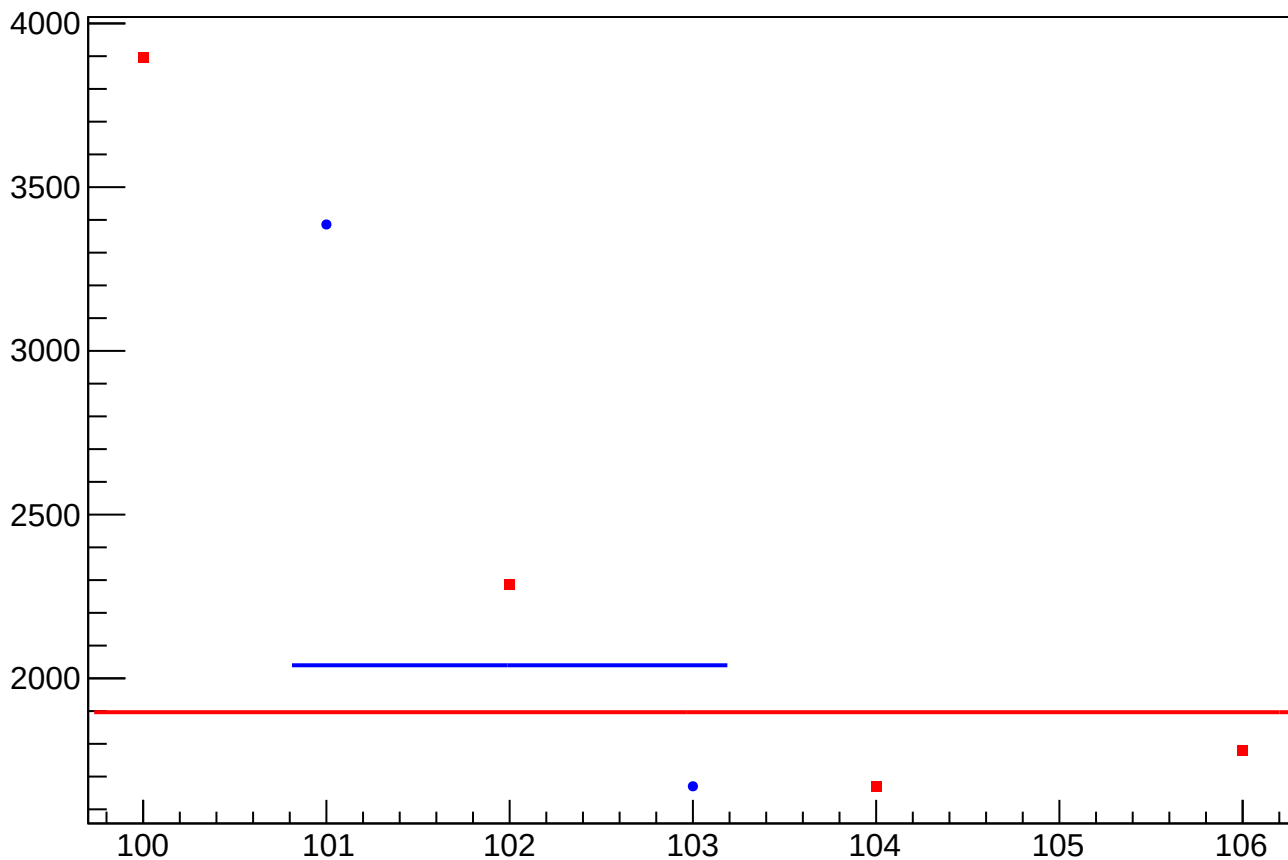
Right: 3075.538+/-1264.469 χ^2/NDF : 3.1/5

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3075.538+/-1264.469 χ^2/NDF : 3.1/5

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882 $\pm$ 1.372 χ^2 /NDF: 264333.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1896.578 $\pm$ 1.161 χ^2 /NDF: 91074.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

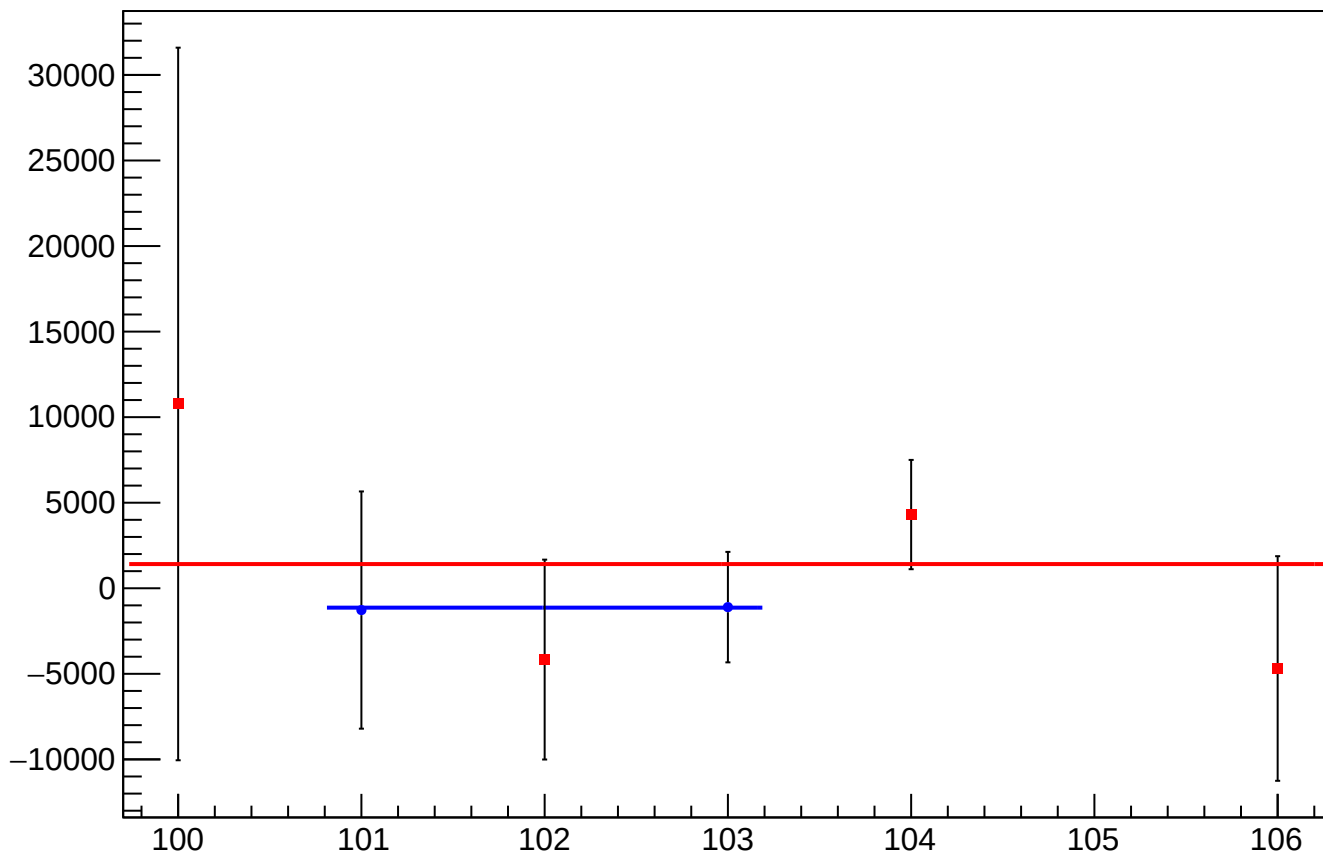
Right: 1956.376 $\pm$ 0.886 χ^2 /NDF: 361766.7/5

In: 2039.882 $\pm$ 1.372 χ^2 /NDF:264333.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1956.376 $\pm$ 0.886 χ^2 /NDF: 361766.7/5

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1132.488+/-2926.555 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1414.226+/-2557.477 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

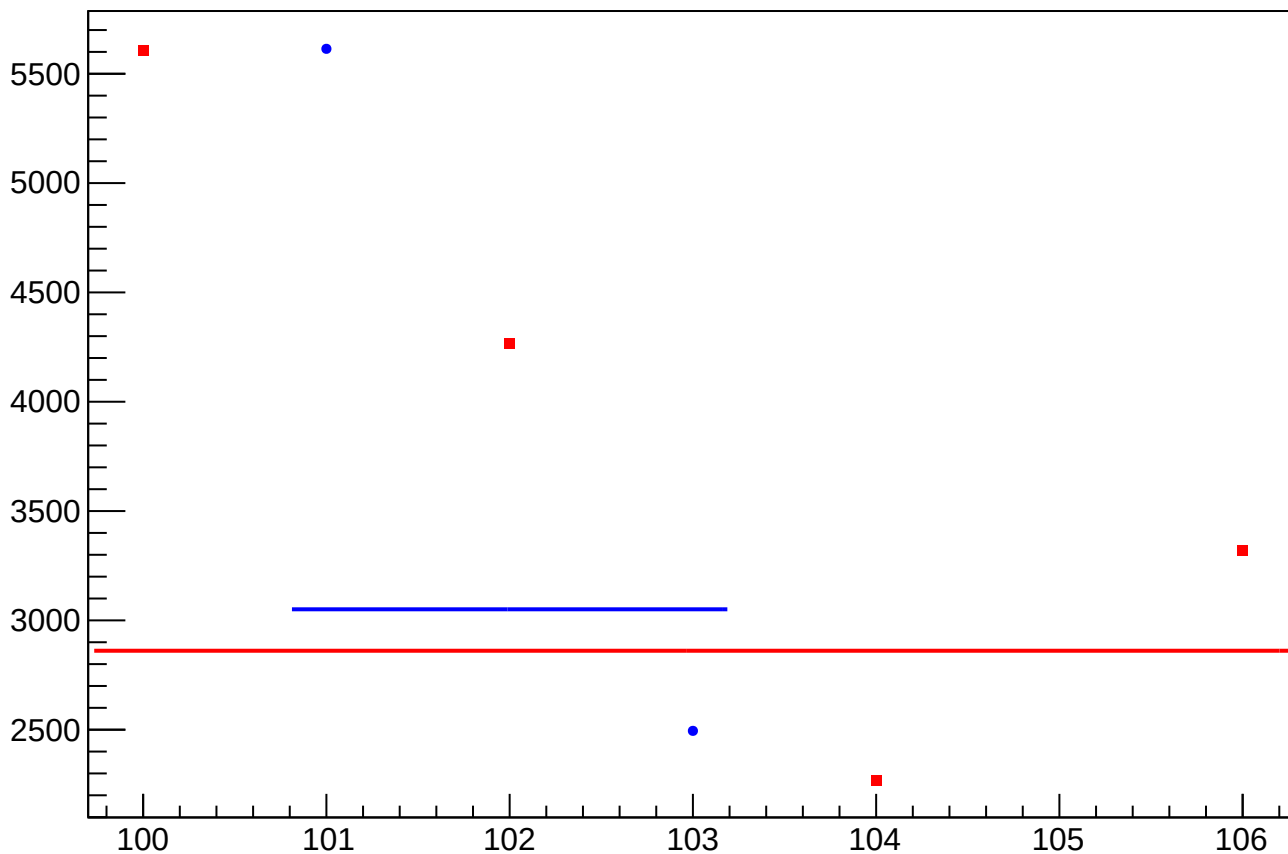
Right: 311.491+/-1925.760 χ^2/NDF : 3.2/5

In: -1132.488+/-2926.555 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.491+/-1925.760 χ^2/NDF : 3.2/5

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2861.146+/-1.808 χ^2/NDF : 228780.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

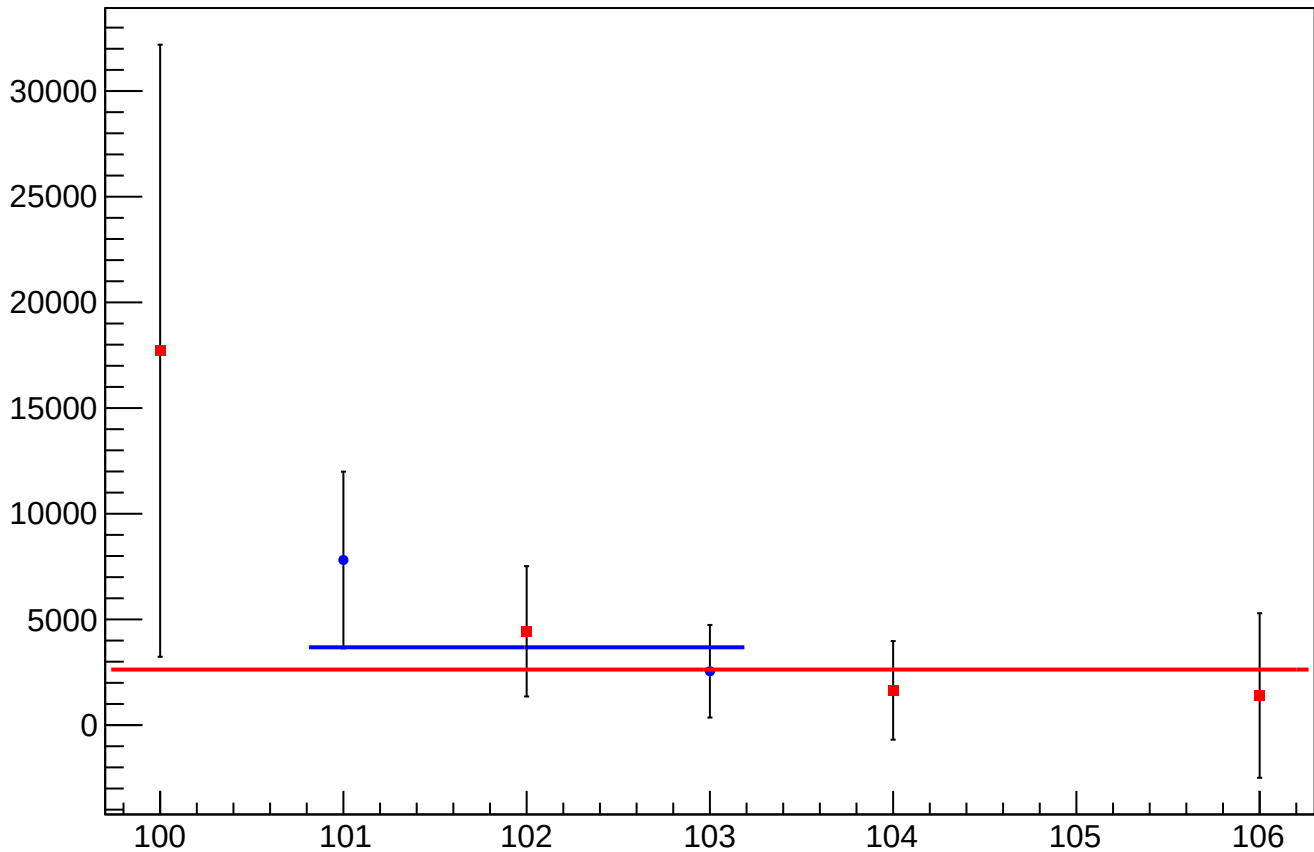
Right: 2943.205+/-1.362 χ^2/NDF : 566335.6/5

In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.205+/-1.362 χ^2/NDF : 566335.6/5

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2627.810+/-1667.213 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

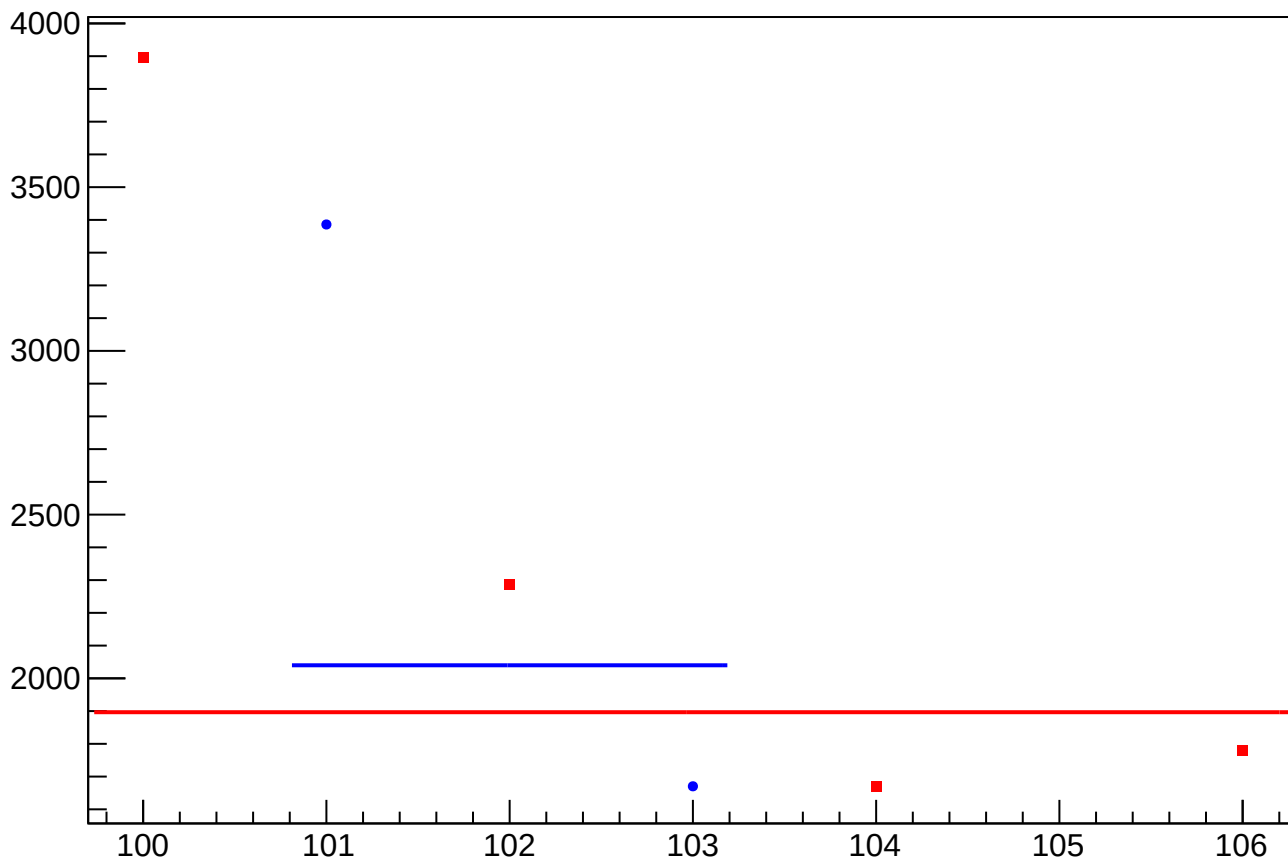
Right: 3075.538+/-1264.469 χ^2/NDF : 3.1/5

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3075.538+/-1264.469 χ^2/NDF : 3.1/5

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.578+/-1.161 χ^2/NDF : 91074.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

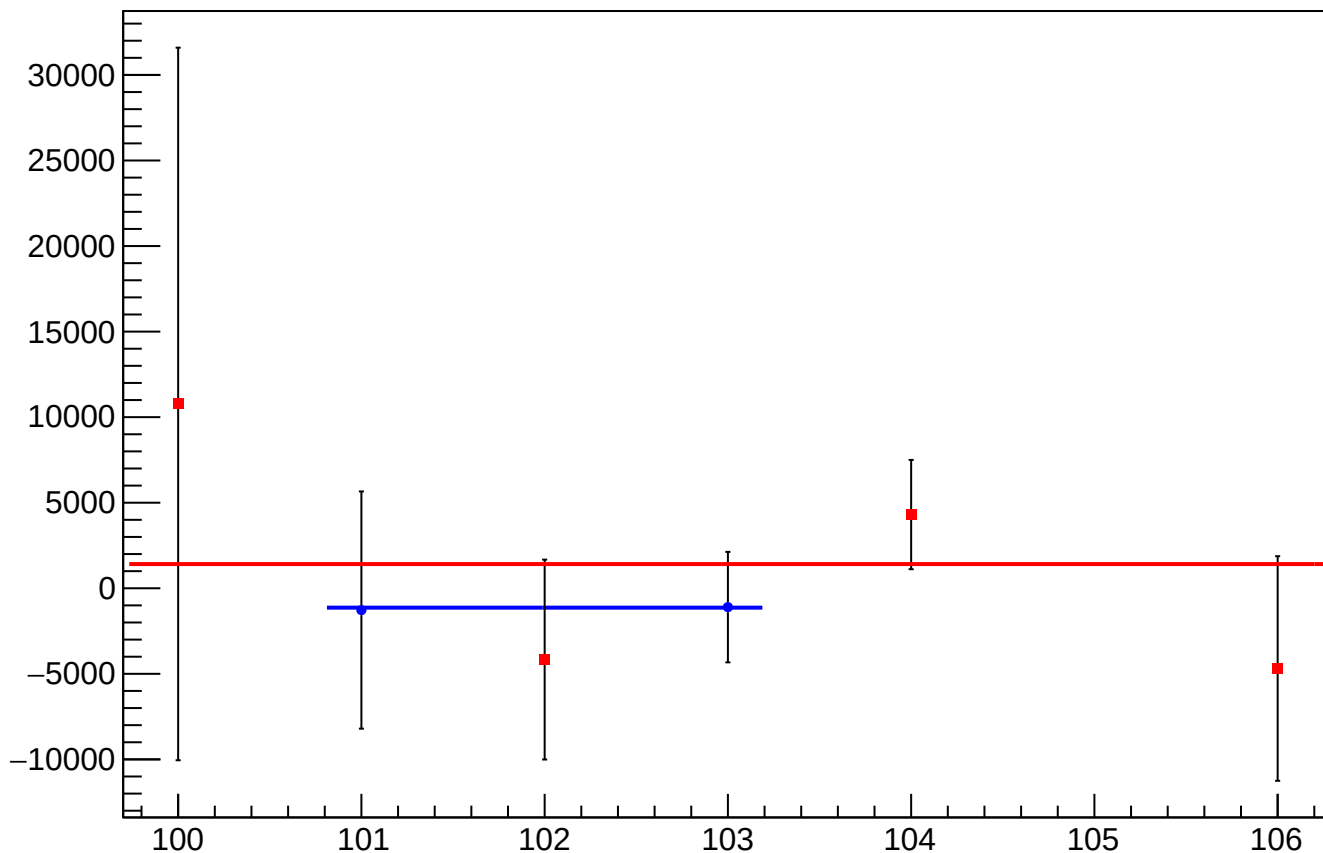
Right: 1956.376+/-0.886 χ^2/NDF : 361766.7/5

In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.376+/-0.886 χ^2/NDF : 361766.7/5

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1414.226 $\pm$ 2557.477 χ^2 /NDF: 2.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

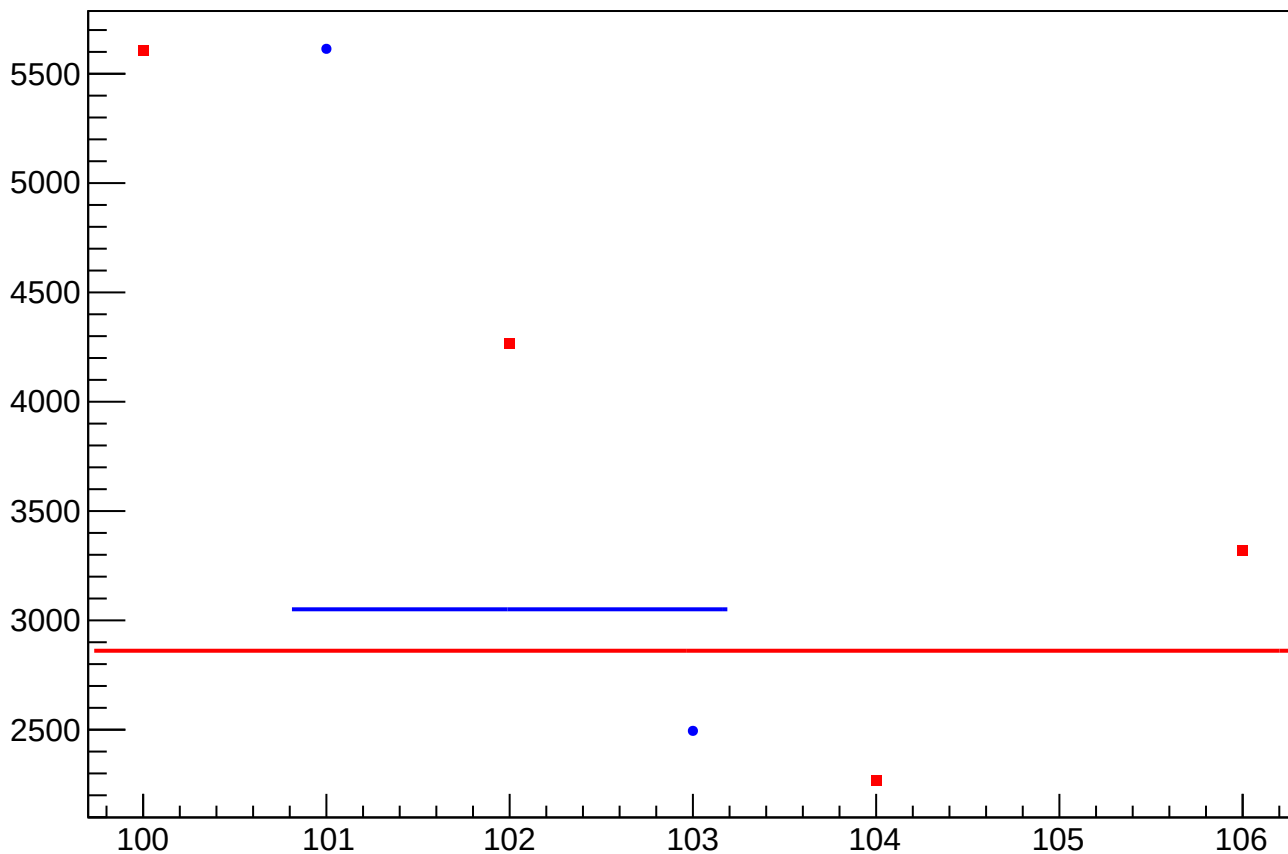
Right: 311.491 $\pm$ 1925.760 χ^2 /NDF: 3.2/5

In: -1132.488 $\pm$ 2926.555 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.491 $\pm$ 1925.760 χ^2 /NDF: 3.2/5

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2861.146+/-1.808 χ^2/NDF : 228780.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

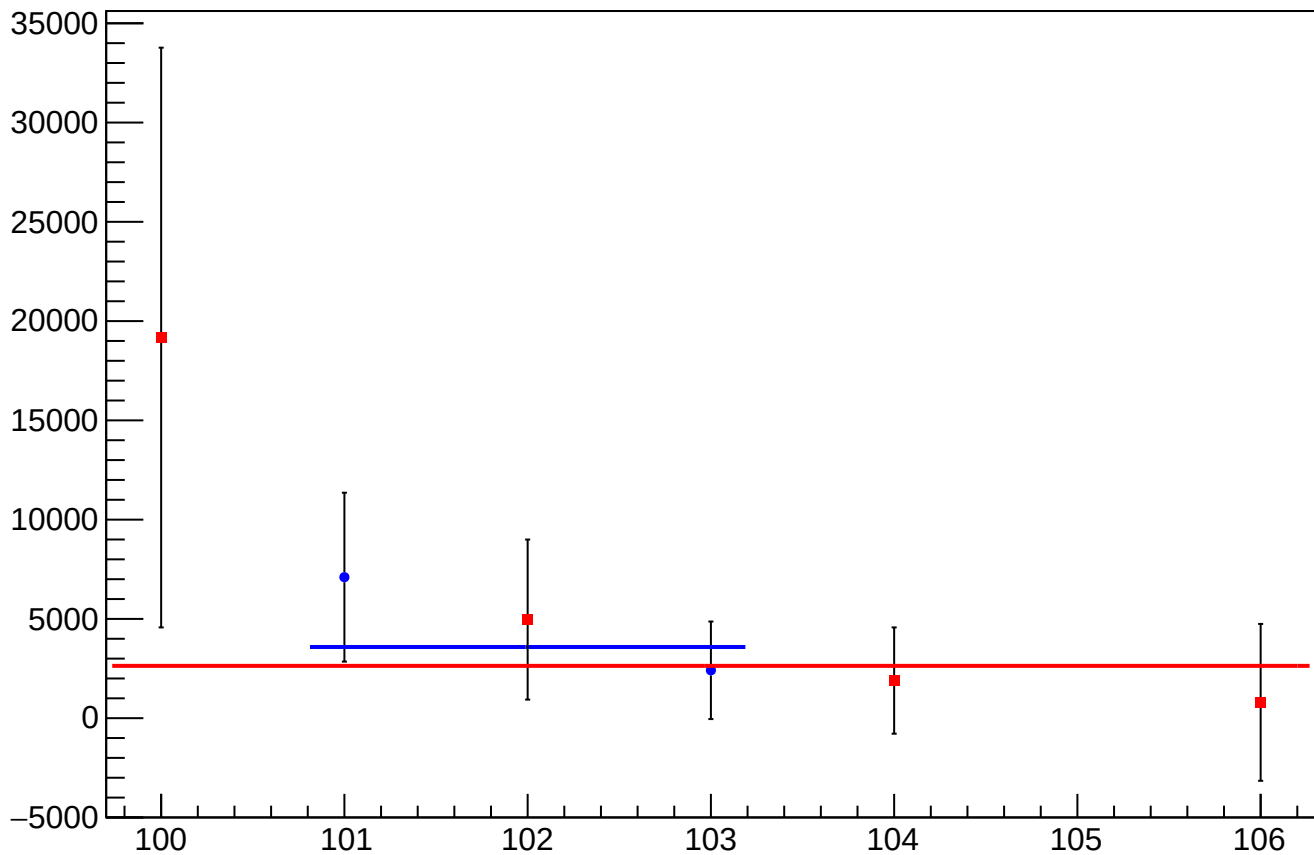
Right: 2943.205+/-1.362 χ^2/NDF : 566335.6/5

In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2943.205+/-1.362 χ^2/NDF : 566335.6/5

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3585.317+/-2127.242 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2634.828+/-1924.902 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

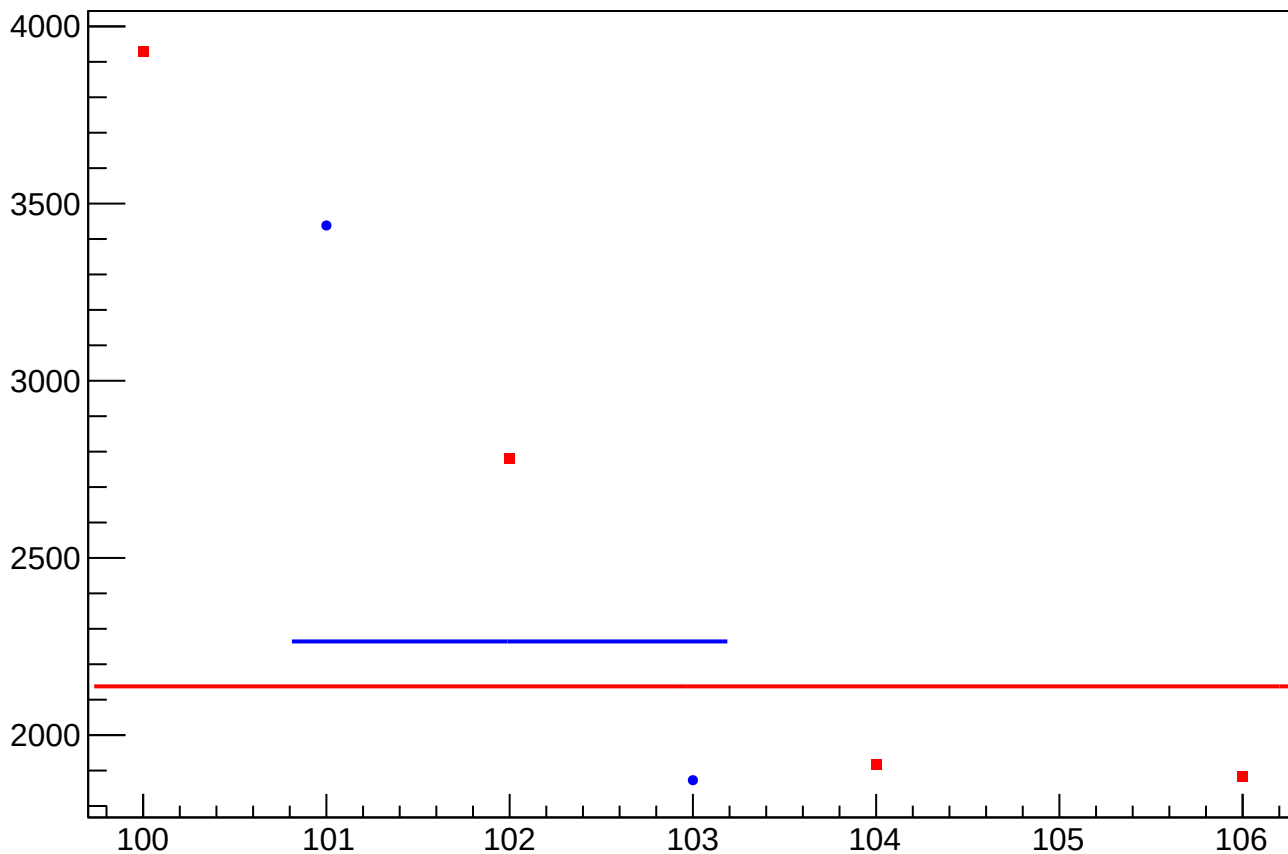
Right: 3062.729+/-1427.299 χ^2/NDF : 2.9/5

In: 3585.317+/-2127.242 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3062.729+/-1427.299 χ^2/NDF : 2.9/5

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2264.373+/-1.504 χ^2/NDF : 203125.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2137.556+/-1.351 χ^2/NDF : 103355.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

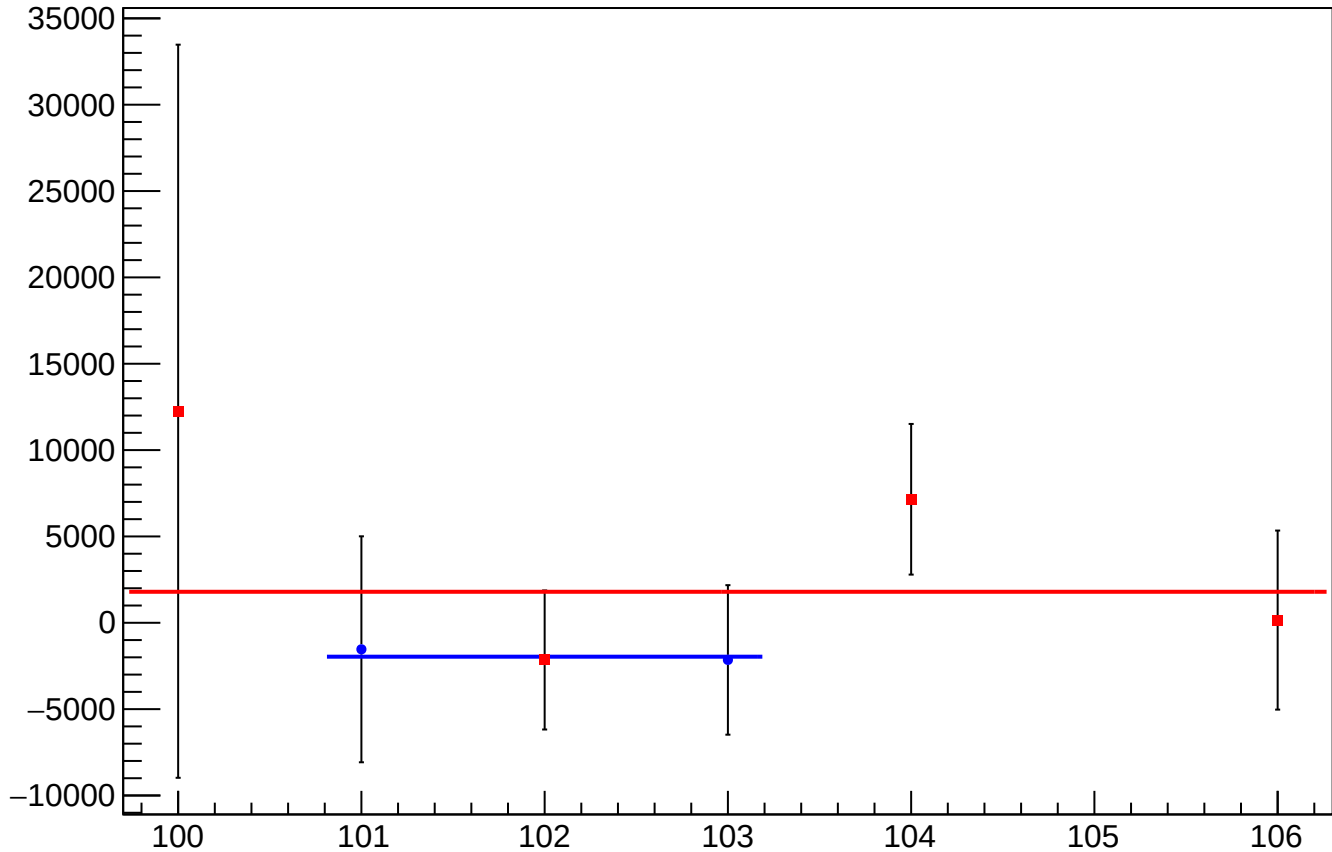
Right: 2194.166+/-1.005 χ^2/NDF : 310416.5/5

In: 2264.373+/-1.504 χ^2/NDF : 203125.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.166+/-1.005 χ^2/NDF : 310416.5/5

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1962.784+/-3610.242 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1795.802+/-2550.802 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

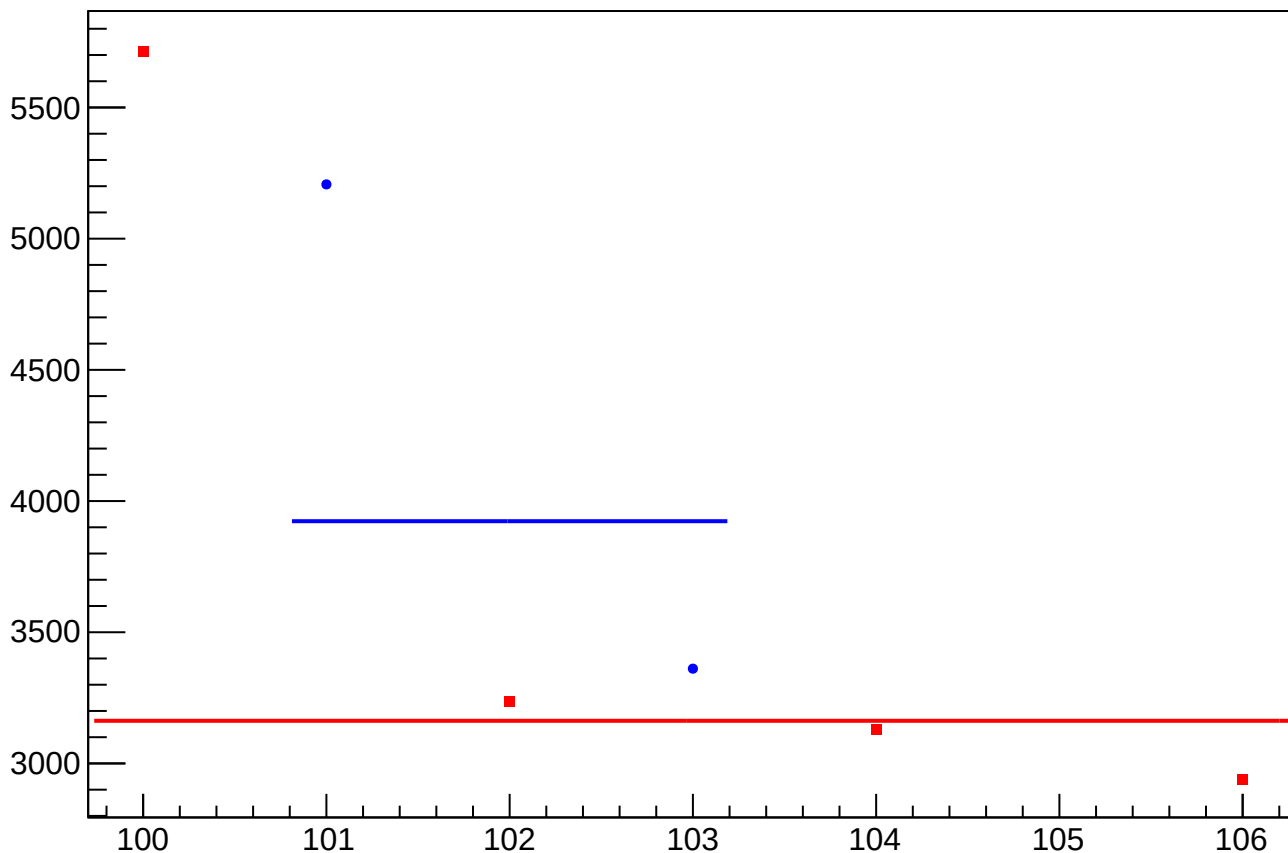
Right: 544.265+/-2083.272 χ^2/NDF : 3.5/5

In: -1962.784+/-3610.242 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.265+/-2083.272 χ^2/NDF : 3.5/5

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3923.224+/-2.553 χ^2/NDF : 110712.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3162.567+/-1.804 χ^2/NDF : 33390.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

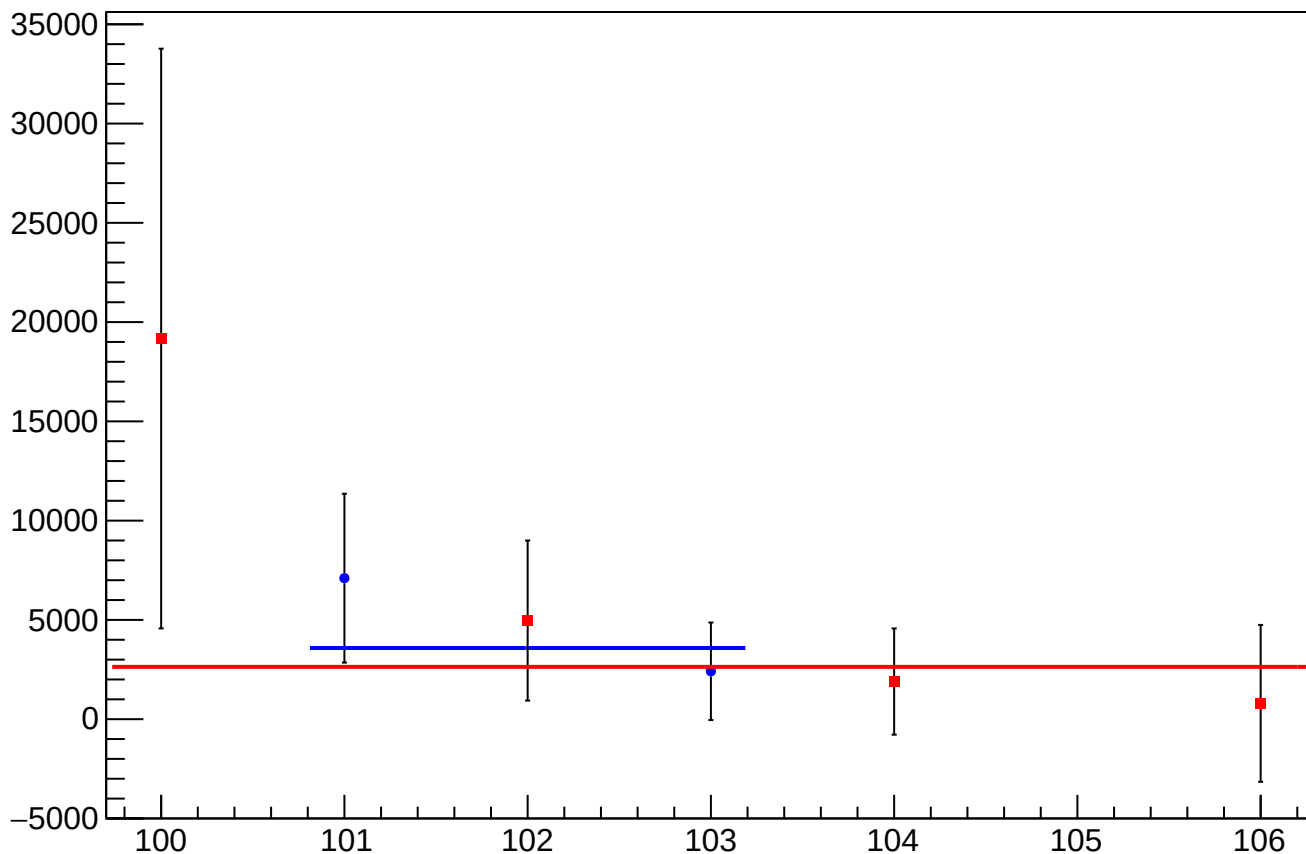
Right: 3415.851+/-1.473 χ^2/NDF : 203322.8/5

In: 3923.224+/-2.553 χ^2/NDF : 110712.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3415.851+/-1.473 χ^2/NDF : 203322.8/5

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3585.303+/-2127.239 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2634.814+/-1924.900 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

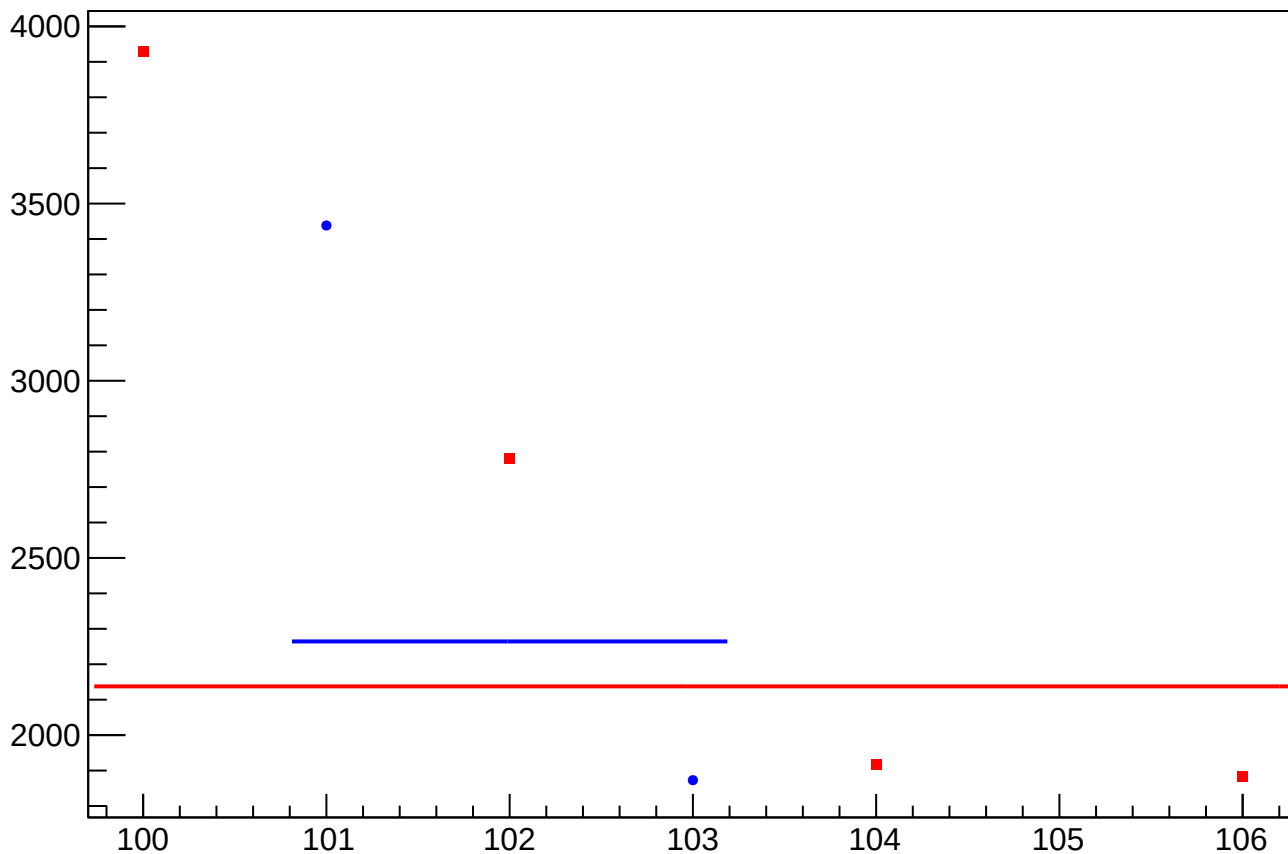
Right: 3062.715+/-1427.297 χ^2/NDF : 2.9/5

In: 3585.303+/-2127.239 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3062.715+/-1427.297 χ^2/NDF : 2.9/5

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2264.369+/-1.504 χ^2/NDF : 203126.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2137.553+/-1.351 χ^2/NDF : 103355.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

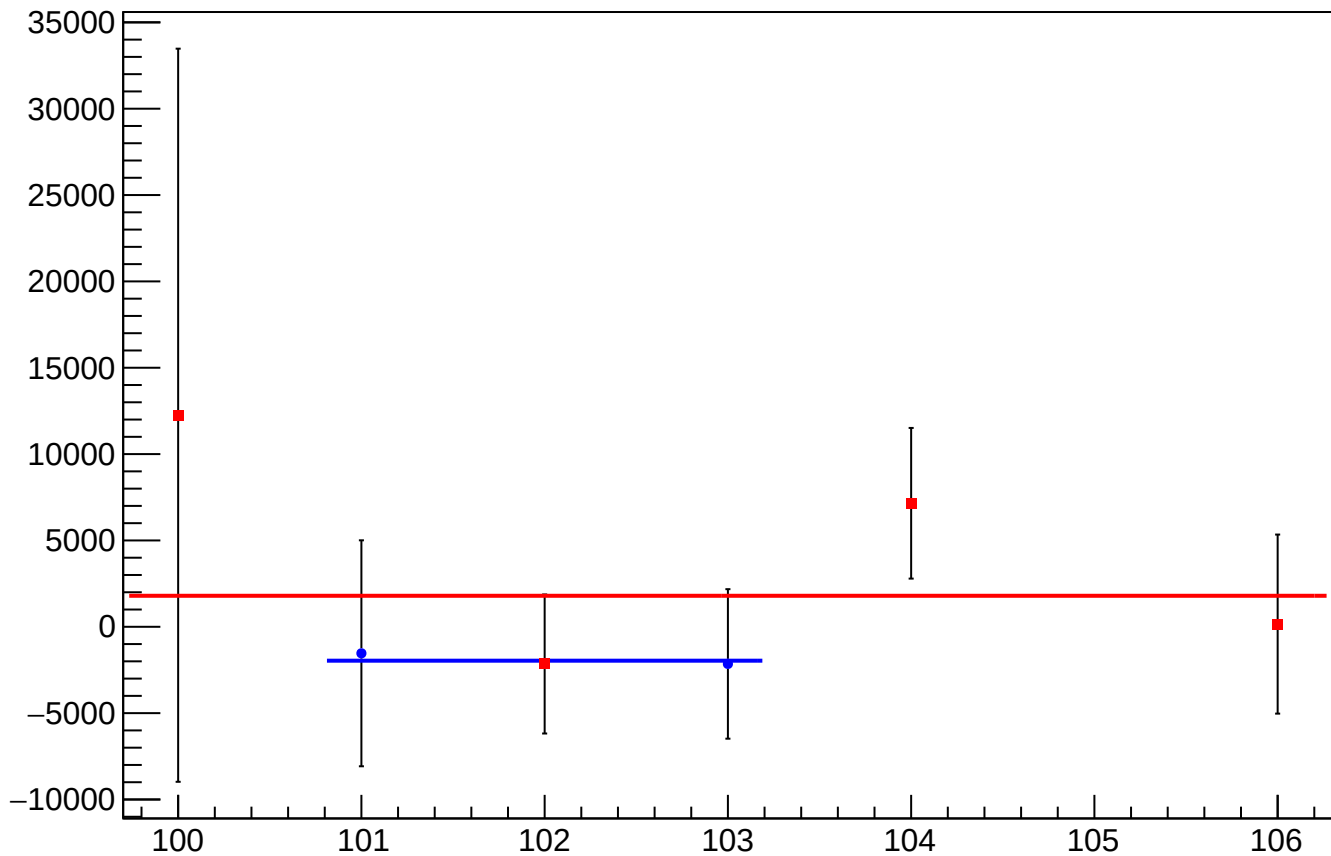
Right: 2194.163+/-1.005 χ^2/NDF : 310417.4/5

In: 2264.369+/-1.504 χ^2/NDF : 203126.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2194.163+/-1.005 χ^2/NDF : 310417.4/5

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1962.791+/-3610.235 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1795.799+/-2550.797 χ^2 /NDF: 2.8/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

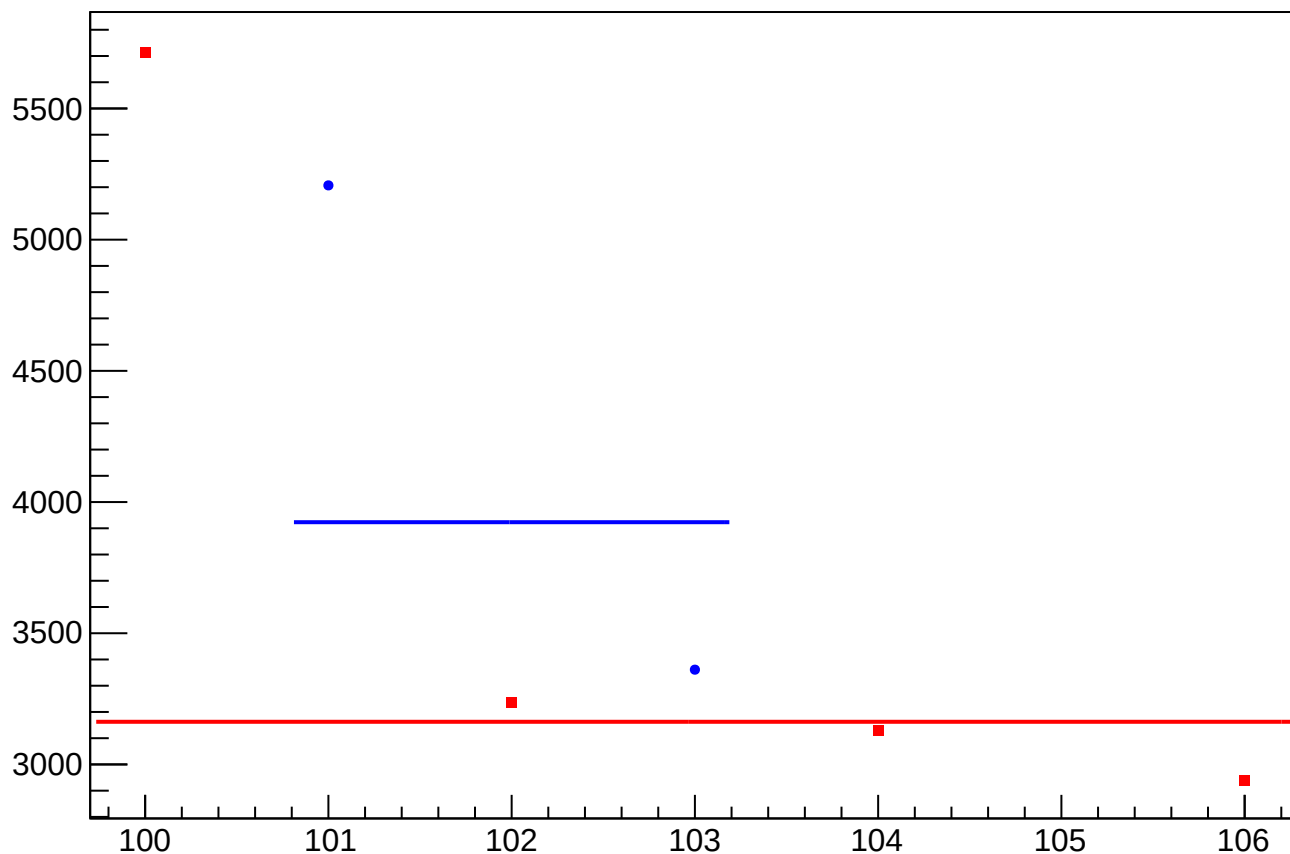
Right: 544.261+/-2083.267 χ^2 /NDF: 3.5/5

In: -1962.791+/-3610.235 χ^2 /NDF: 0.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 544.261+/-2083.267 χ^2 /NDF: 3.5/5

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3923.216+/-2.553 χ^2/NDF : 110712.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3162.560+/-1.804 χ^2/NDF : 33390.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

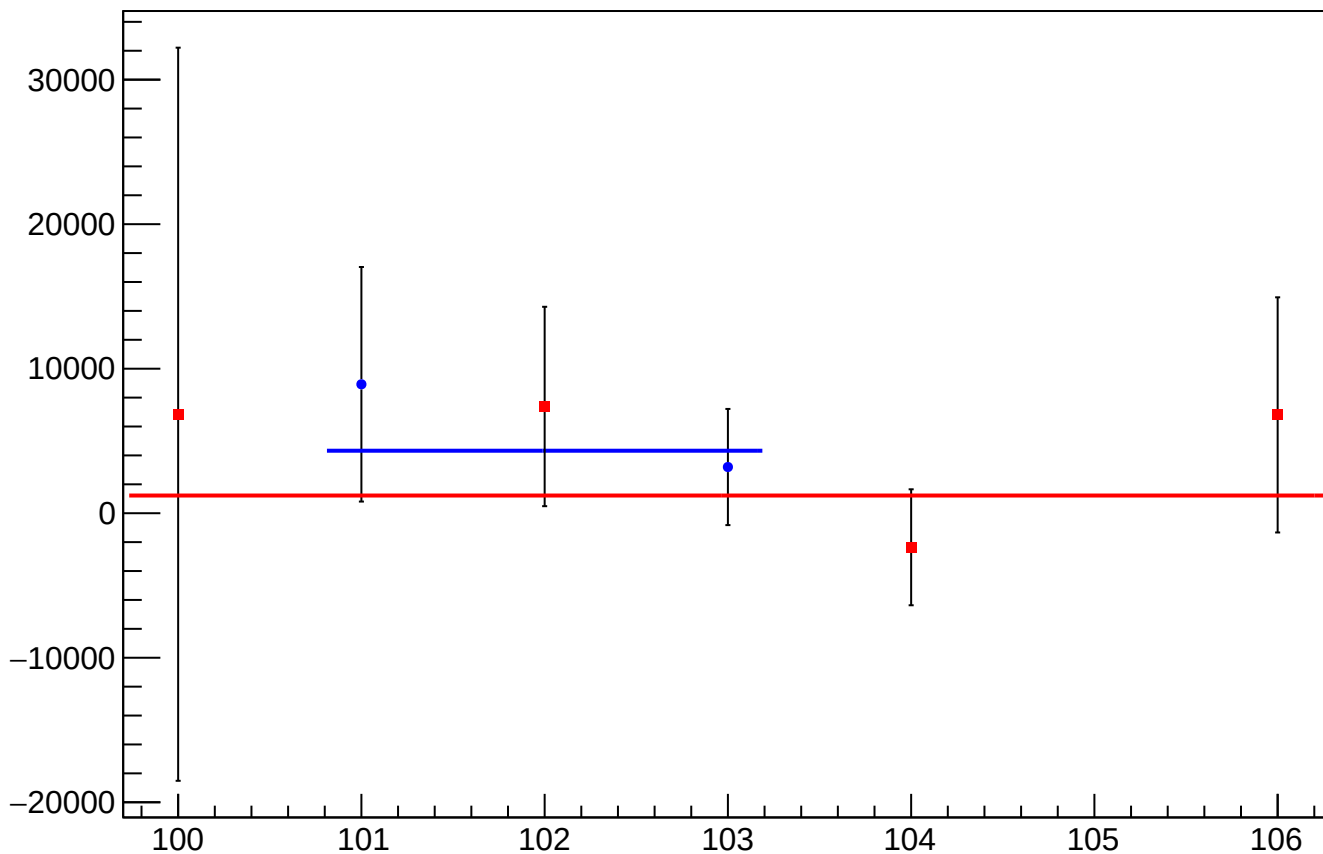
Right: 3415.843+/-1.473 χ^2/NDF : 203323.2/5

In: 3923.216+/-2.553 χ^2/NDF : 110712.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3415.843+/-1.473 χ^2/NDF : 203323.2/5

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4324.398+/-3601.494 χ^2 /NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1224.721+/-3165.443 χ^2 /NDF: 2.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

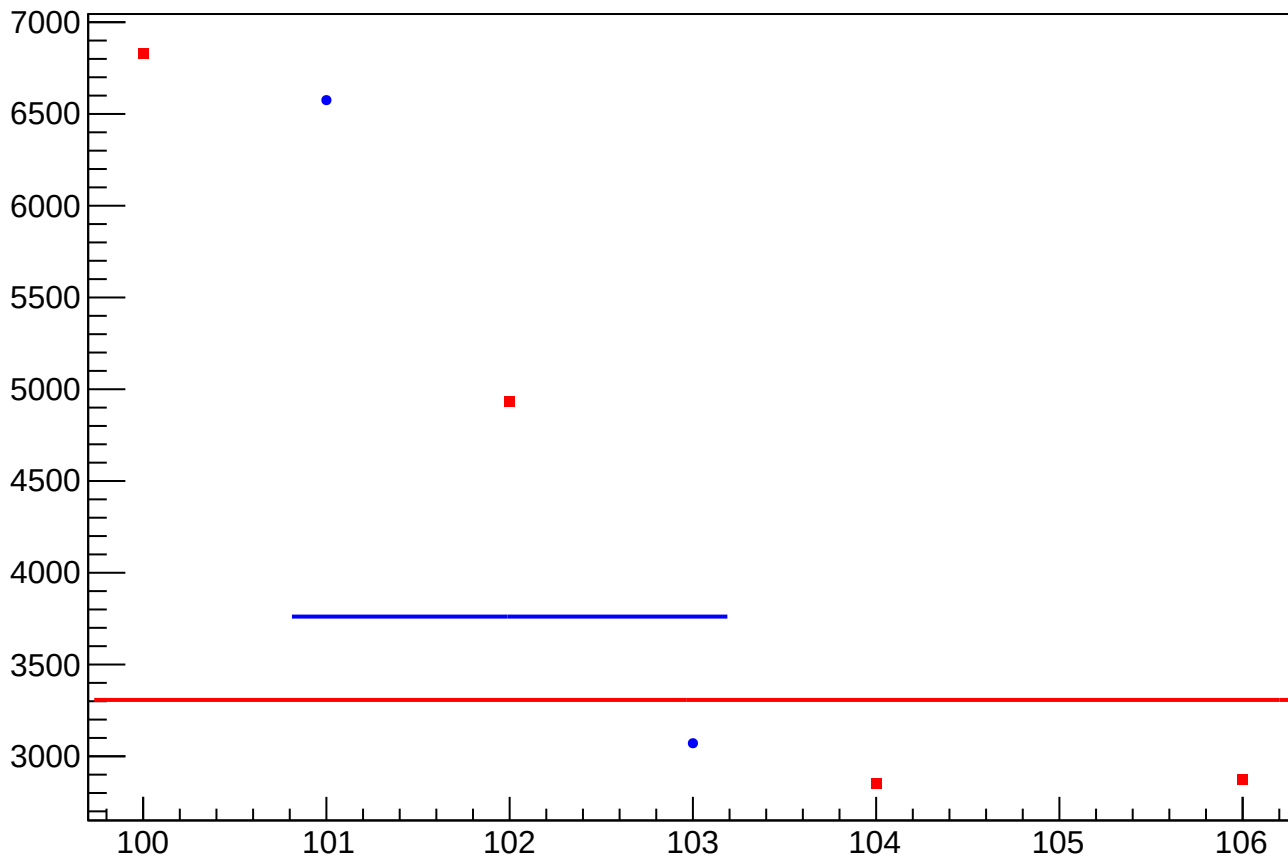
Right: 2575.647+/-2377.608 χ^2 /NDF: 2.9/5

In: 4324.398+/-3601.494 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2575.647+/-2377.608 χ^2 /NDF: 2.9/5

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3761.242+/-2.546 χ^2/NDF : 299503.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3307.120+/-2.122 χ^2/NDF : 185596.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

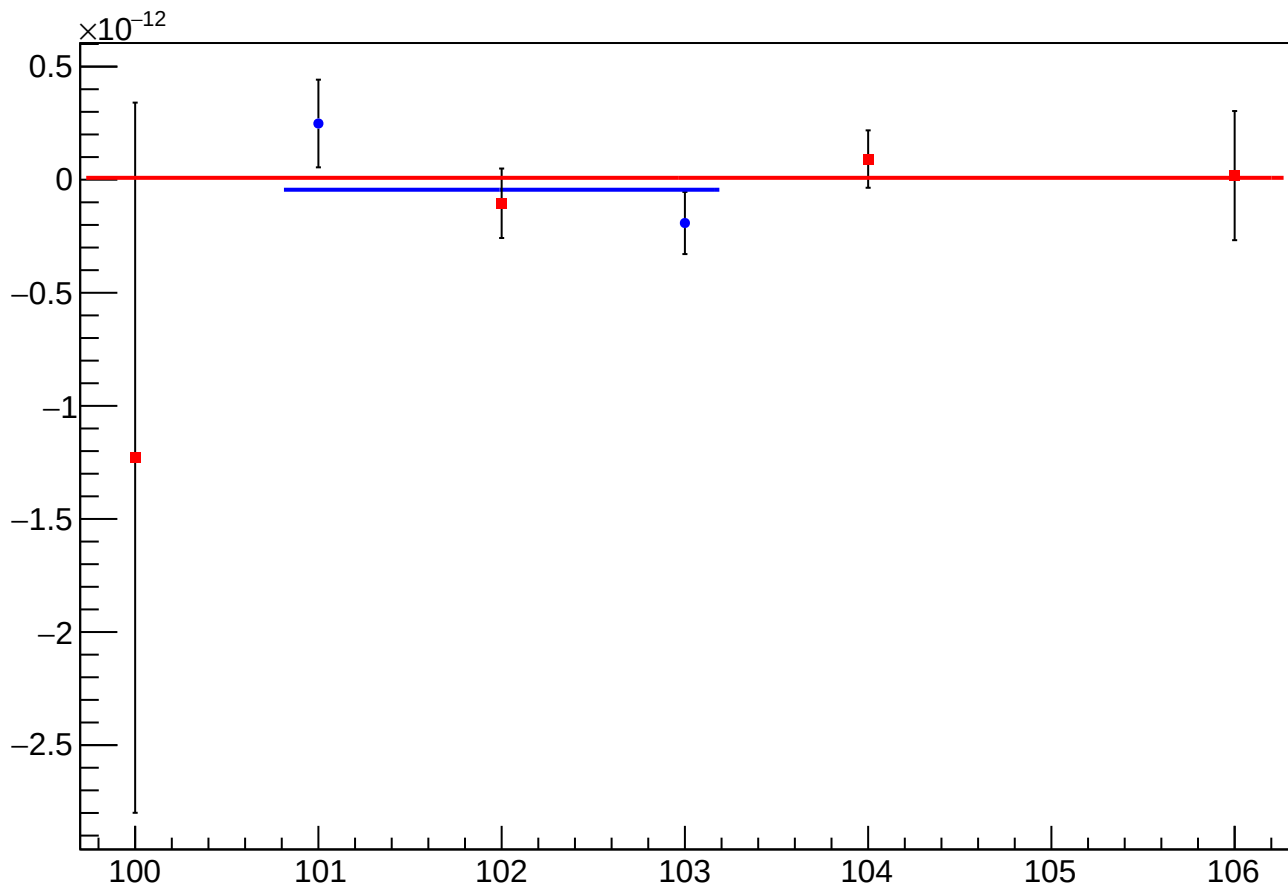
Right: 3493.208+/-1.630 χ^2/NDF : 503870.2/5

In: 3761.242+/-2.546 χ^2/NDF : 299503.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3493.208+/-1.630 χ^2/NDF : 503870.2/5

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

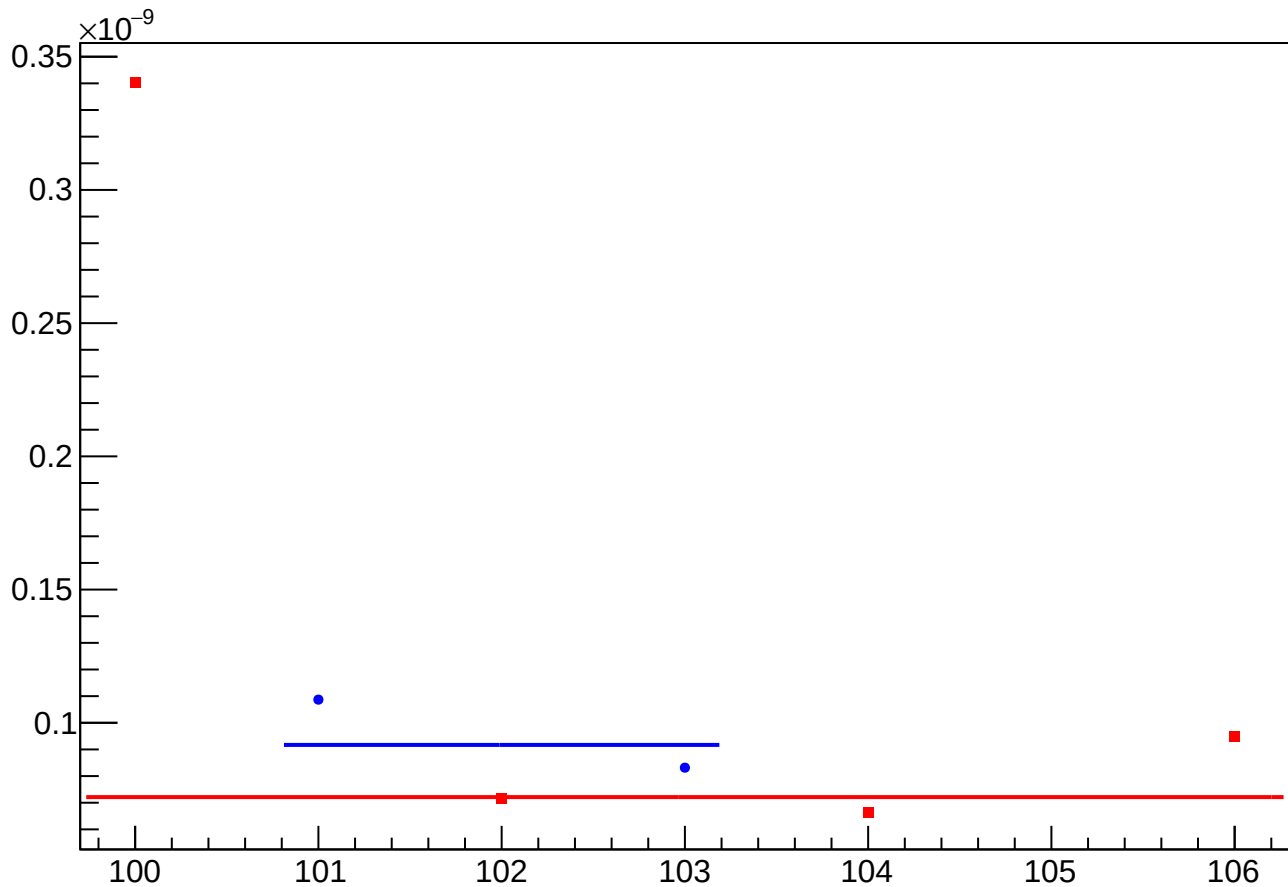
Right: -0.000+/-0.000 χ^2 /NDF: 5.1/5

In: -0.000+/-0.000 χ^2 /NDF:3.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.1/5

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 23101.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 75282.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

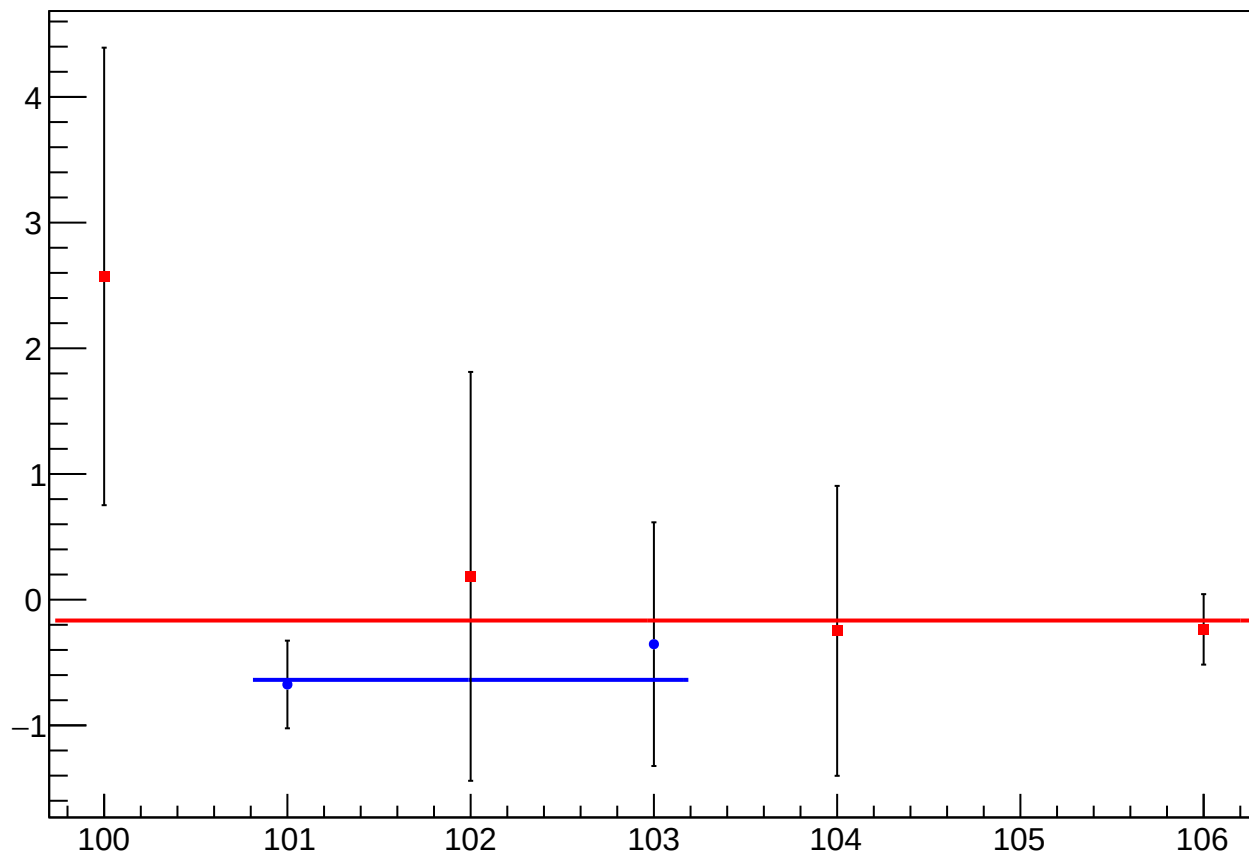
Right: 0.000+/-0.000 χ^2 /NDF: 134725.8/5

In: 0.000+/-0.000 χ^2 /NDF:23101.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 134725.8/5

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.166 $\pm$ 0.266 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

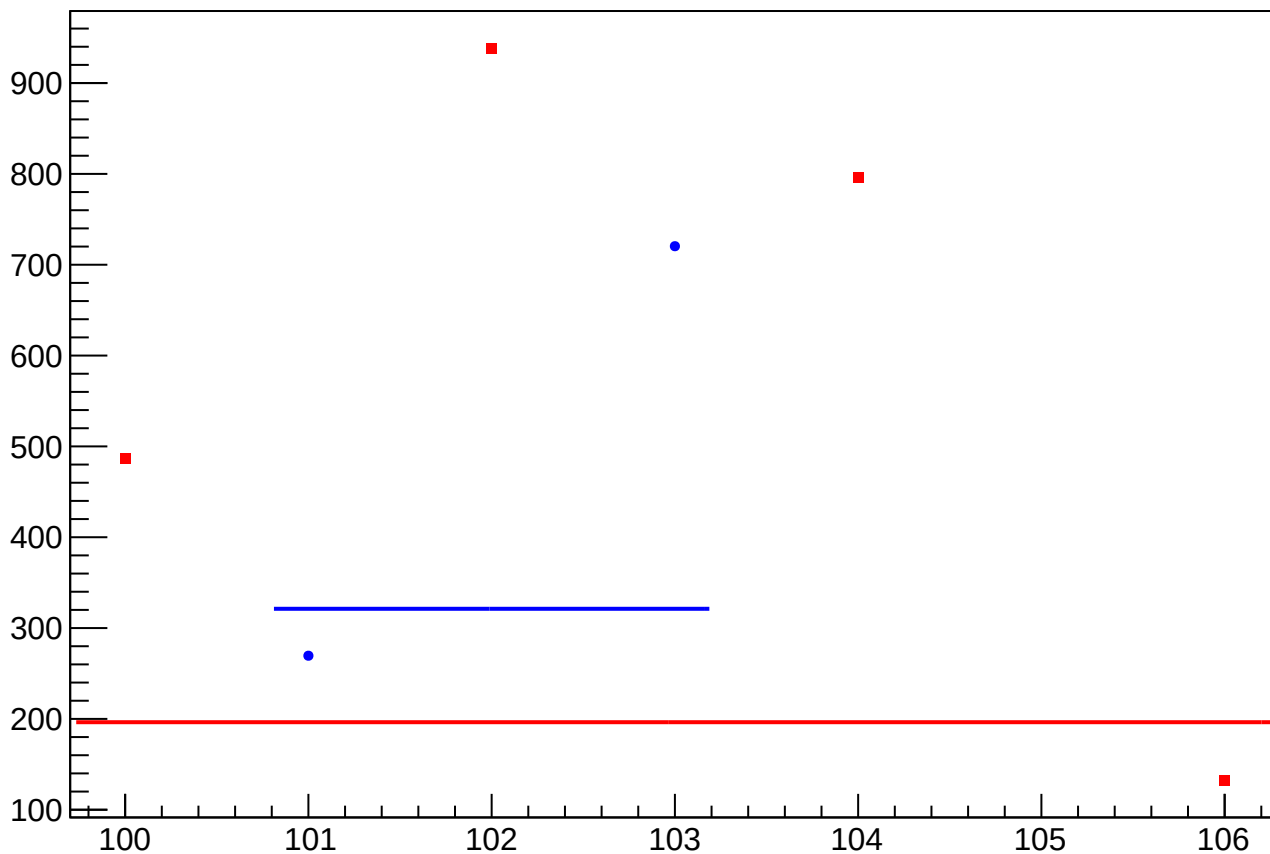
Right: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.366+/-0.188 χ^2/NDF : 1111474.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

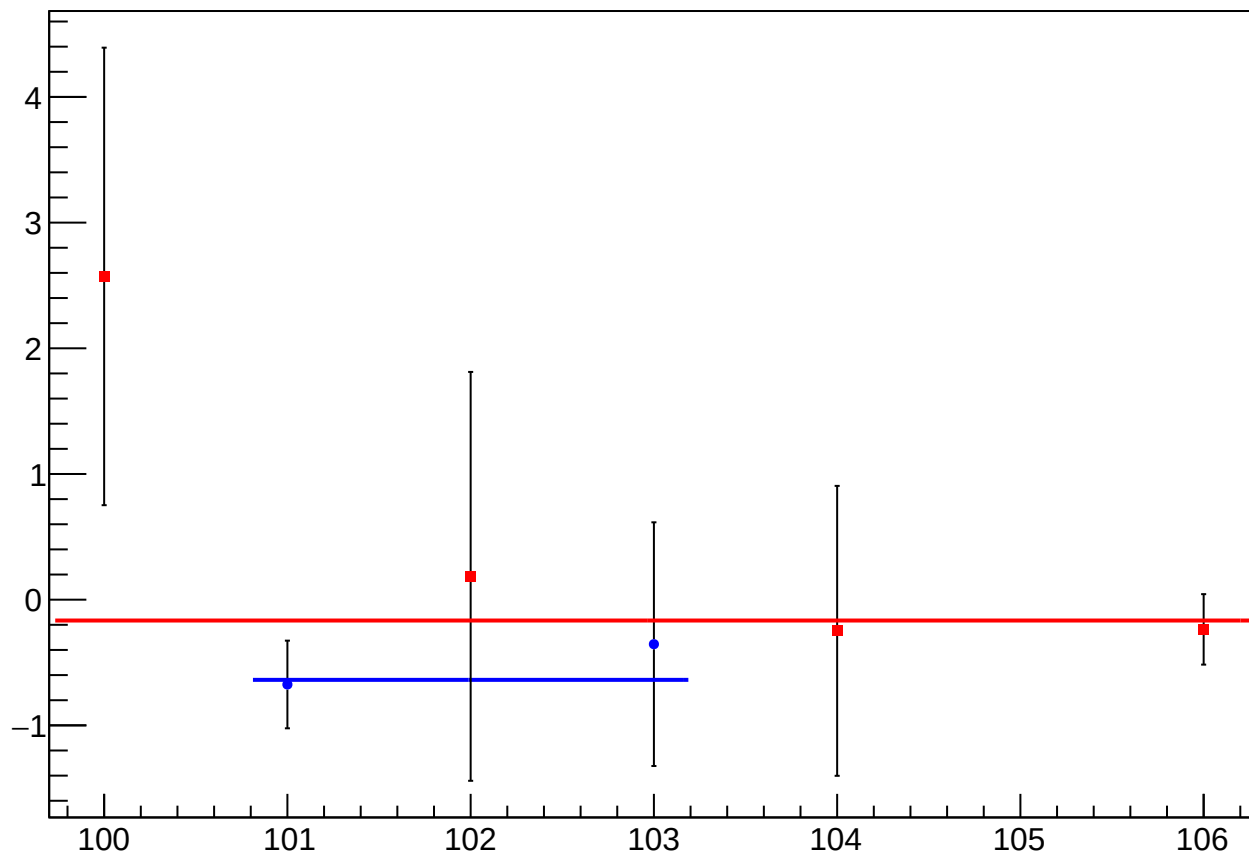
Right: 245.821+/-0.146 χ^2/NDF : 1669241.5/5

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.821+/-0.146 χ^2/NDF : 1669241.5/5

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.166 $\pm$ 0.266 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

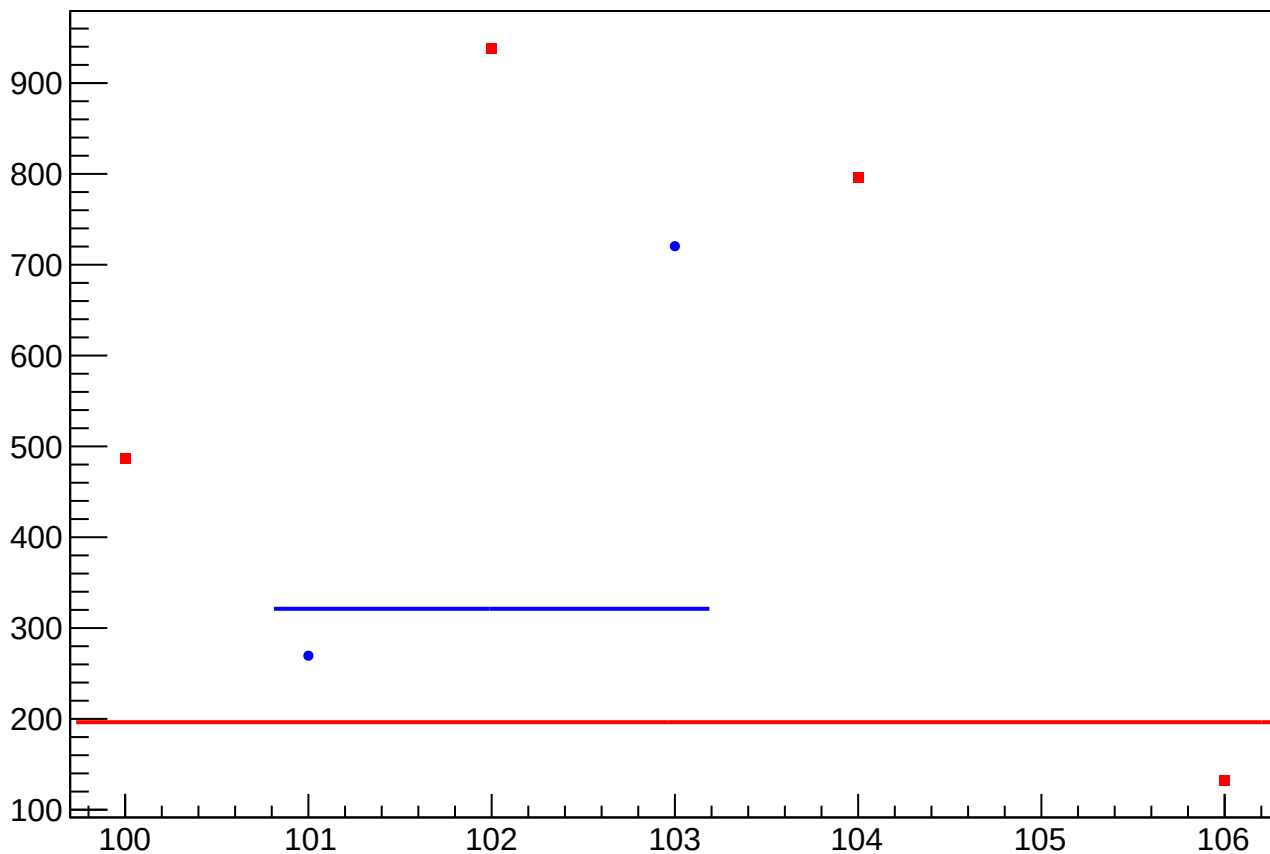
Right: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.366+/-0.188 χ^2/NDF : 1111474.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

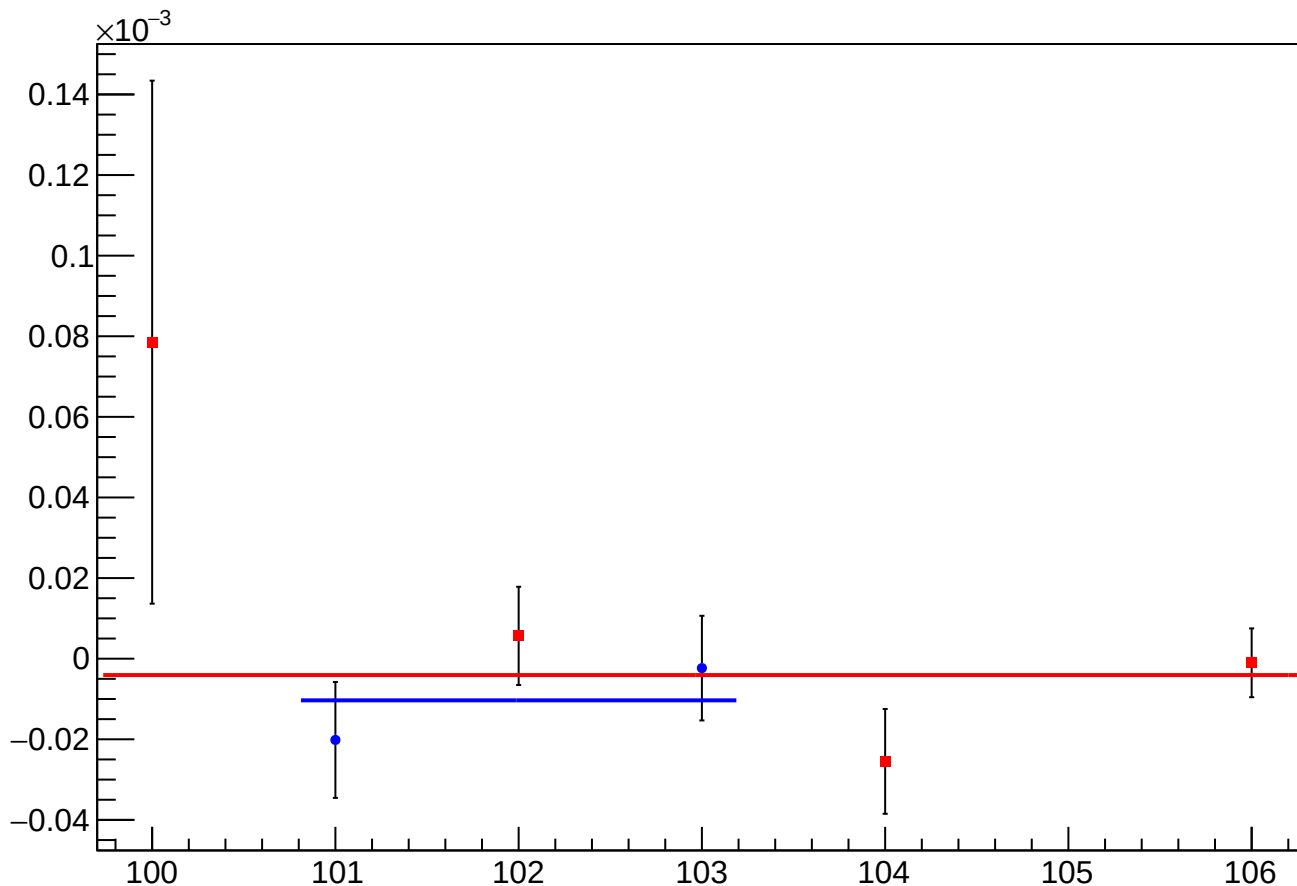
Right: 245.821+/-0.146 χ^2/NDF : 1669241.5/5

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.821+/-0.146 χ^2/NDF : 1669241.5/5

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

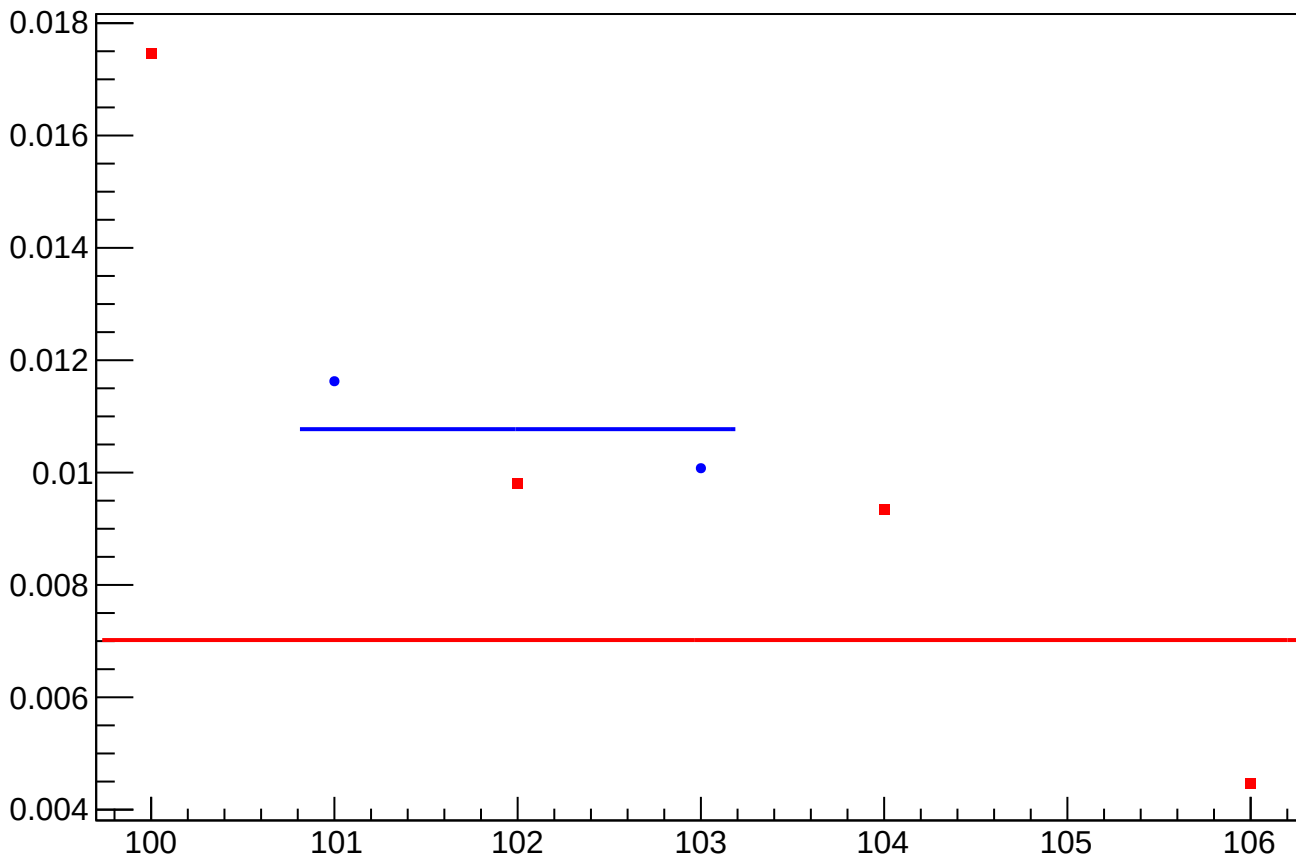
Right: -0.000+/-0.000 χ^2/NDF : 6.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.2/5

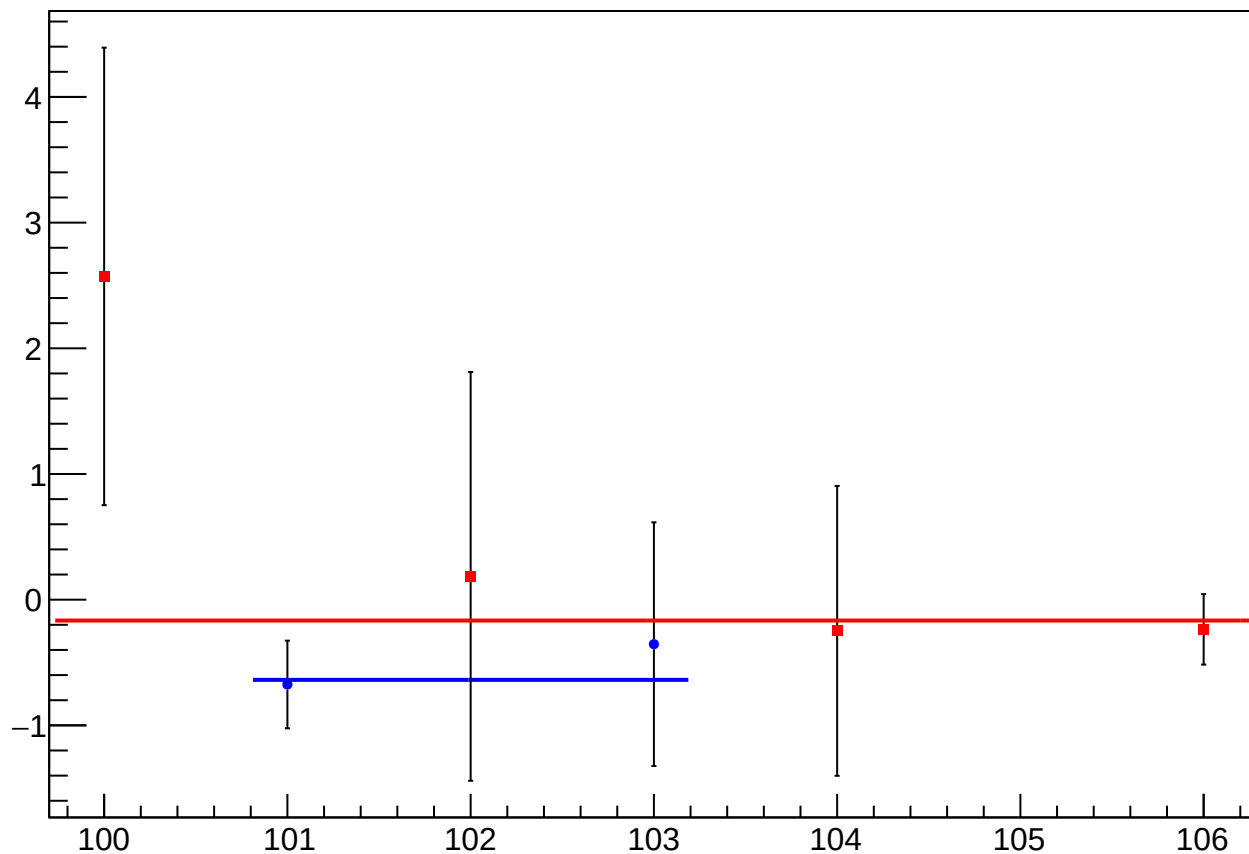
asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 12772.4/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.007+/-0.000 χ^2/NDF : 399572.1/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.008+/-0.000 χ^2/NDF : 628363.2/5
 In: 0.011+/-0.000 χ^2/NDF : 12772.4/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.000 χ^2/NDF : 628363.2/5

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.166 $\pm$ 0.266 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

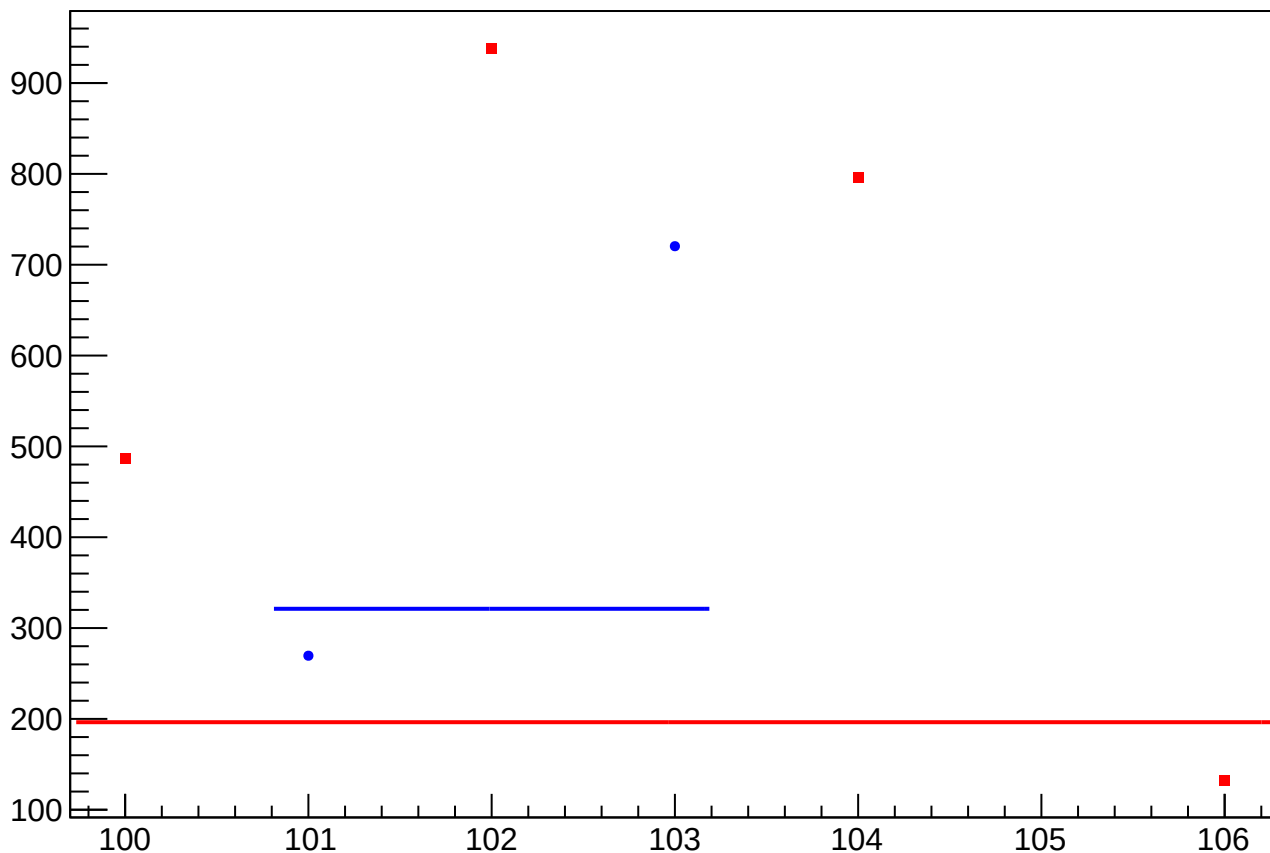
Right: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.353 $\pm$ 0.207 χ^2 /NDF: 3.7/5

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.365+/-0.188 χ^2/NDF : 1111472.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

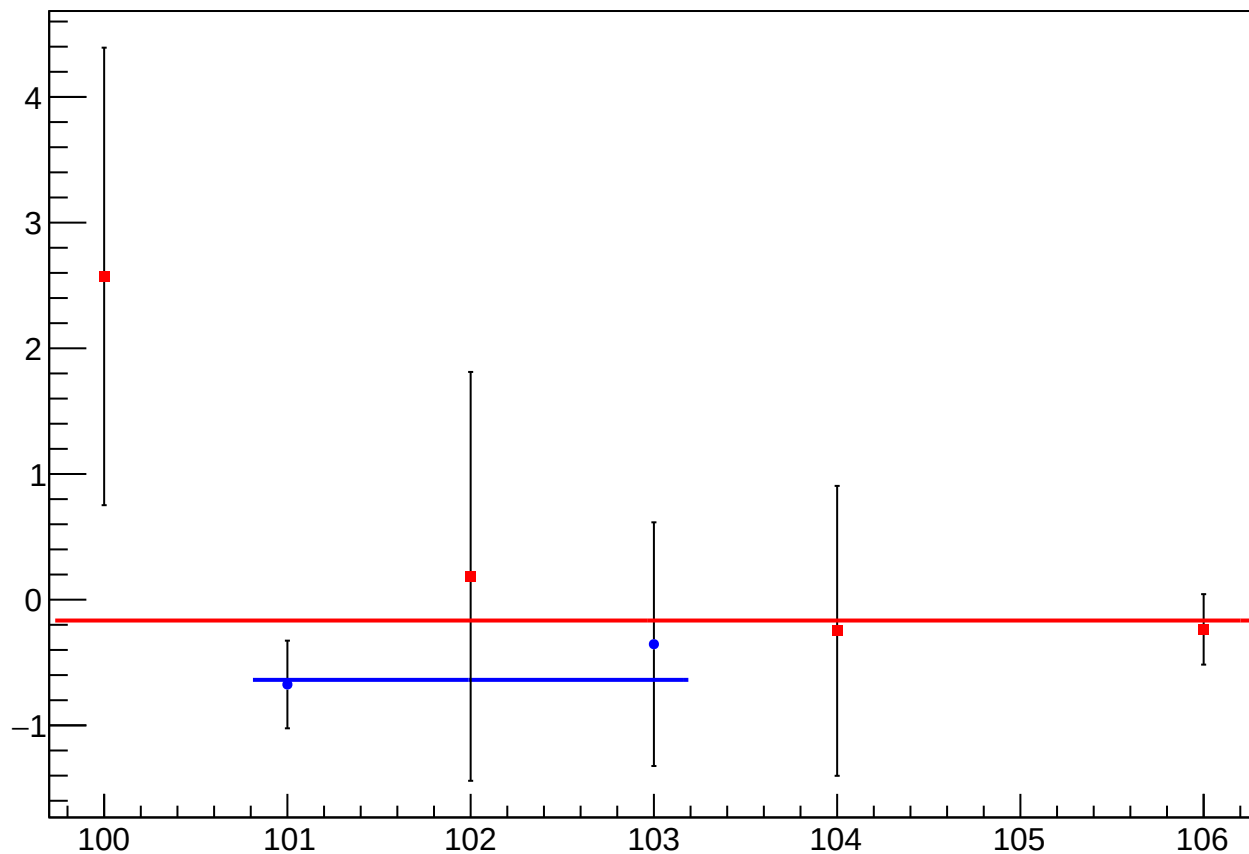
Right: 245.820+/-0.146 χ^2/NDF : 1669235.7/5

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.820+/-0.146 χ^2/NDF : 1669235.7/5

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638+/-0.328 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.166+/-0.266 χ^2/NDF : 2.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

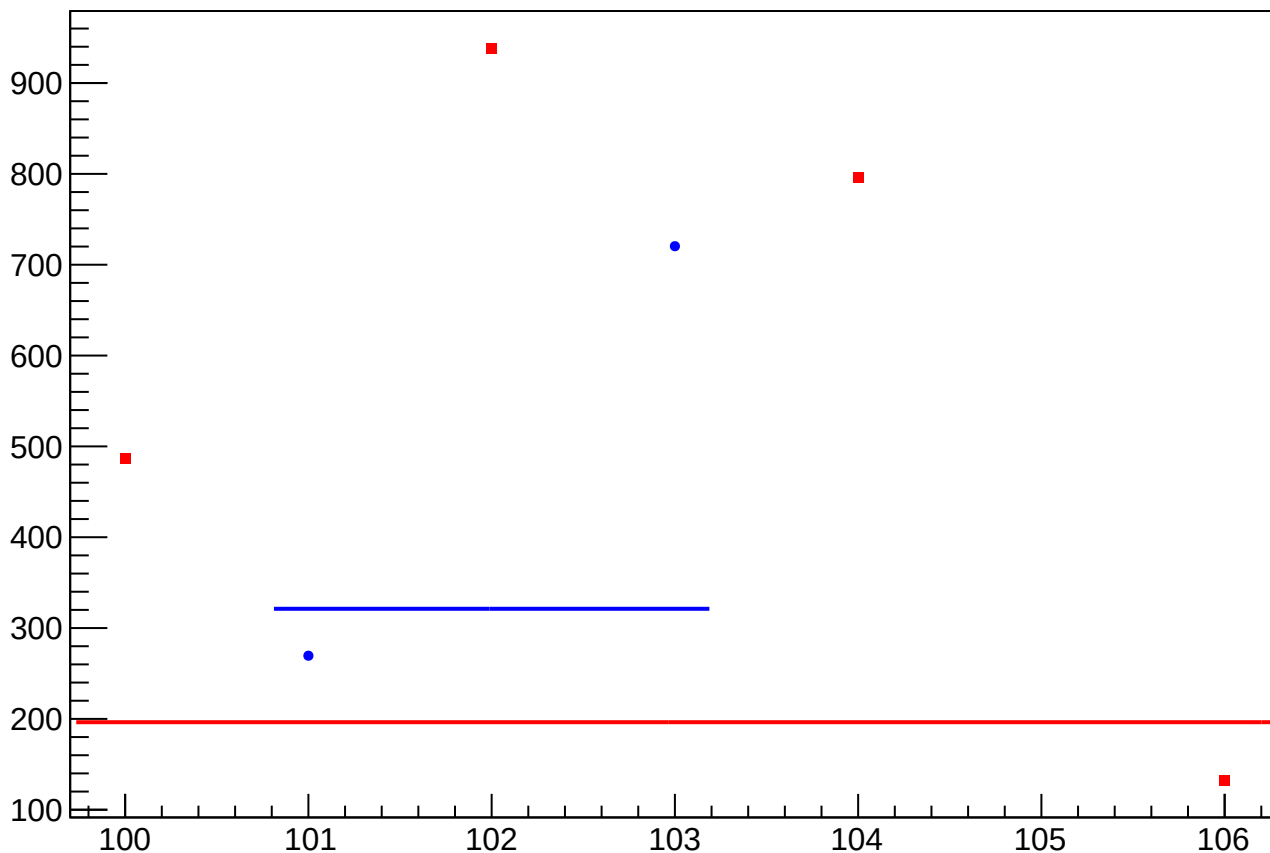
Right: -0.353+/-0.207 χ^2/NDF : 3.7/5

In: -0.638+/-0.328 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.353+/-0.207 χ^2/NDF : 3.7/5

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.365+/-0.188 χ^2/NDF : 1111472.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

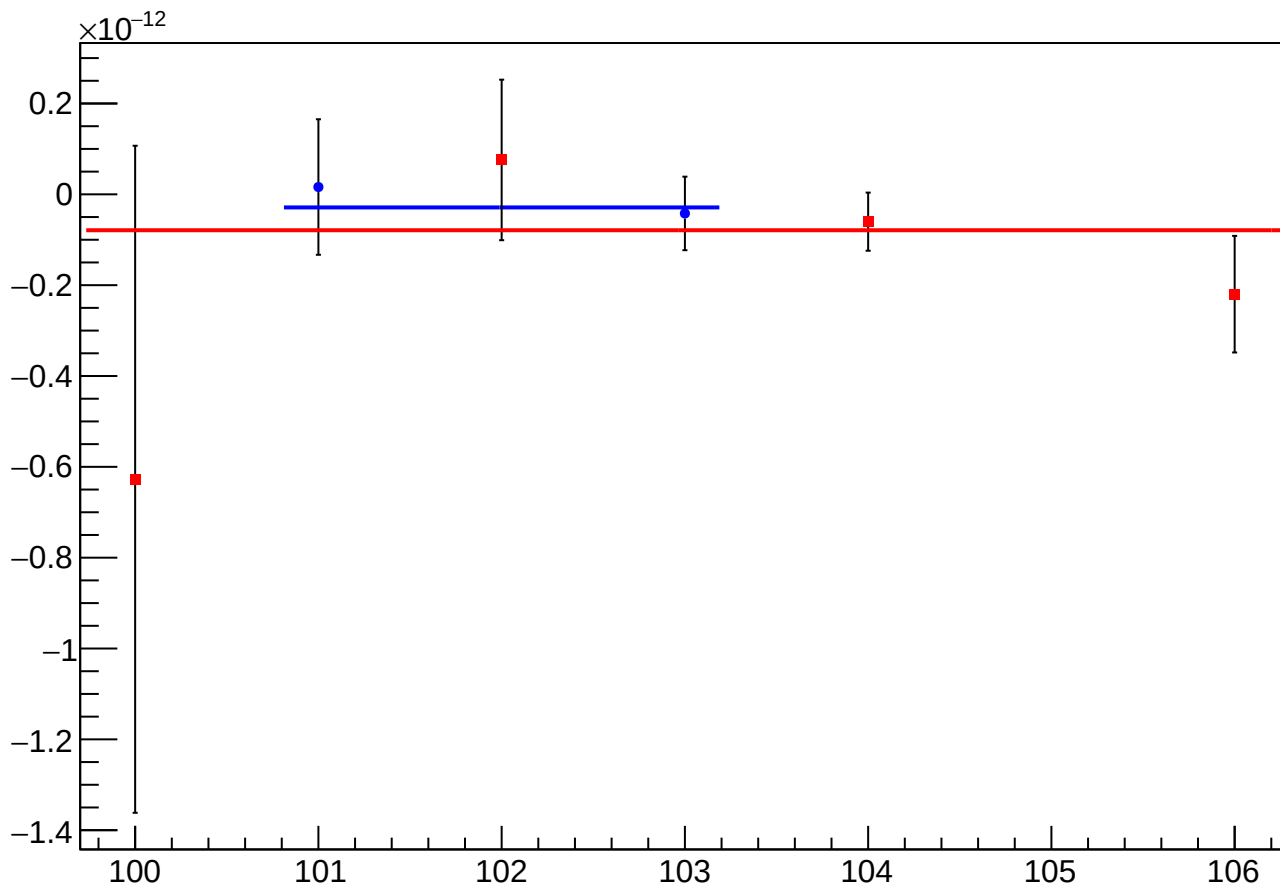
Right: 245.820+/-0.146 χ^2/NDF : 1669235.7/5

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 245.820+/-0.146 χ^2/NDF : 1669235.7/5

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

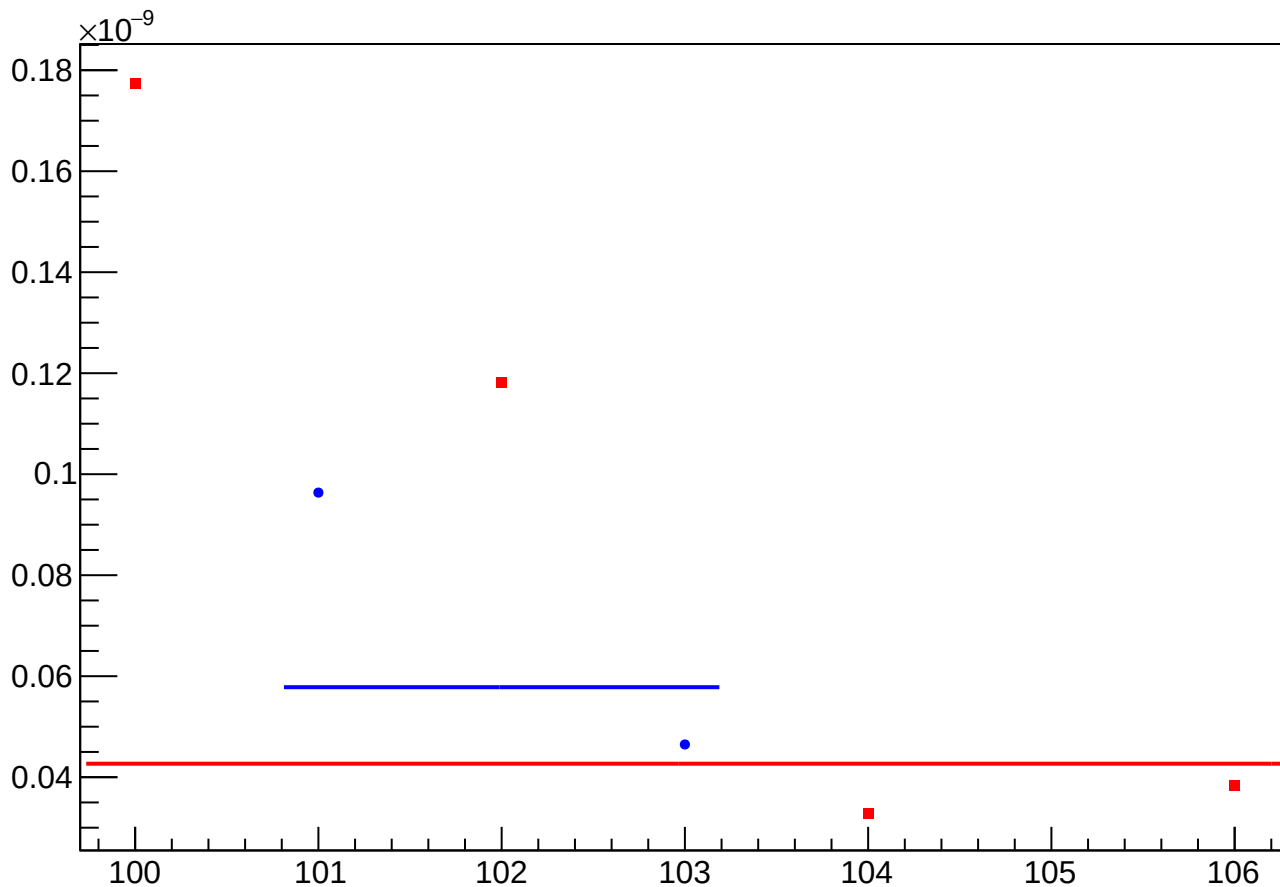
Right: -0.000+/-0.000 χ^2/NDF : 3.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.0/5

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 172681.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 482524.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

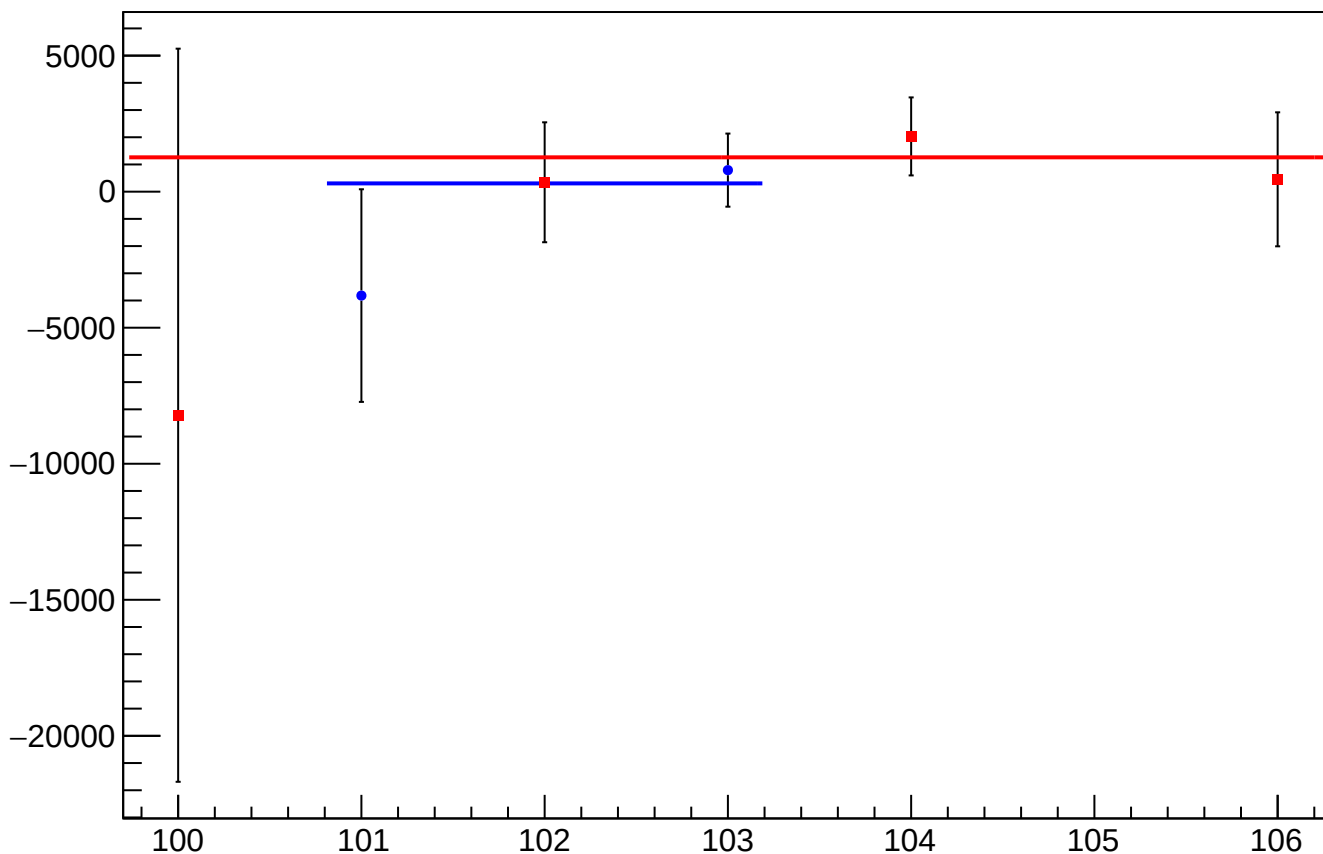
Right: 0.000+/-0.000 χ^2/NDF : 712504.1/5

In: 0.000+/-0.000 χ^2/NDF : 172681.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 712504.1/5

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 304.000+/-1270.493 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.843+/-1076.489 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

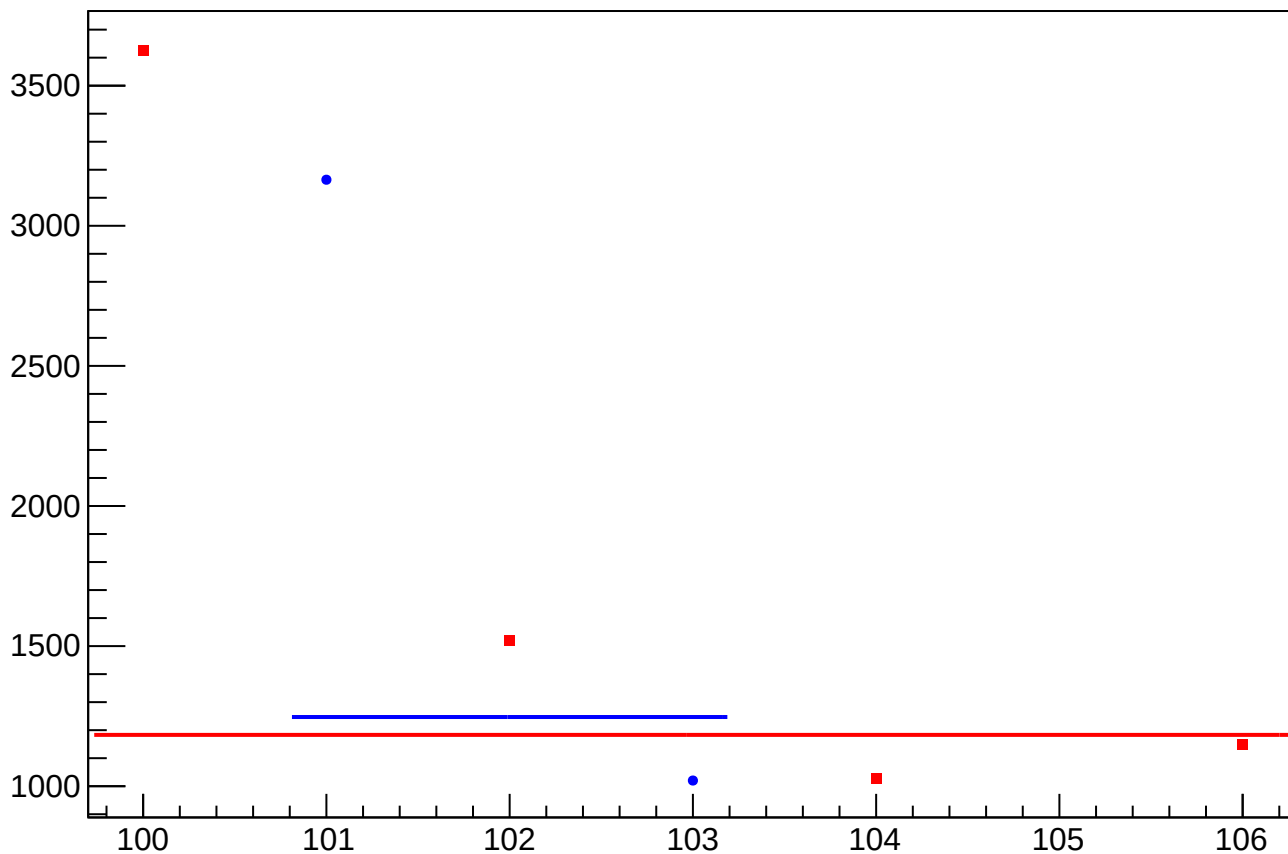
Right: 861.560+/-821.312 χ^2/NDF : 2.6/5

In: 304.000+/-1270.493 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 861.560+/-821.312 χ^2/NDF : 2.6/5

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.935+/-0.898 χ^2/NDF : 538545.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1183.154+/-0.753 χ^2/NDF : 137059.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

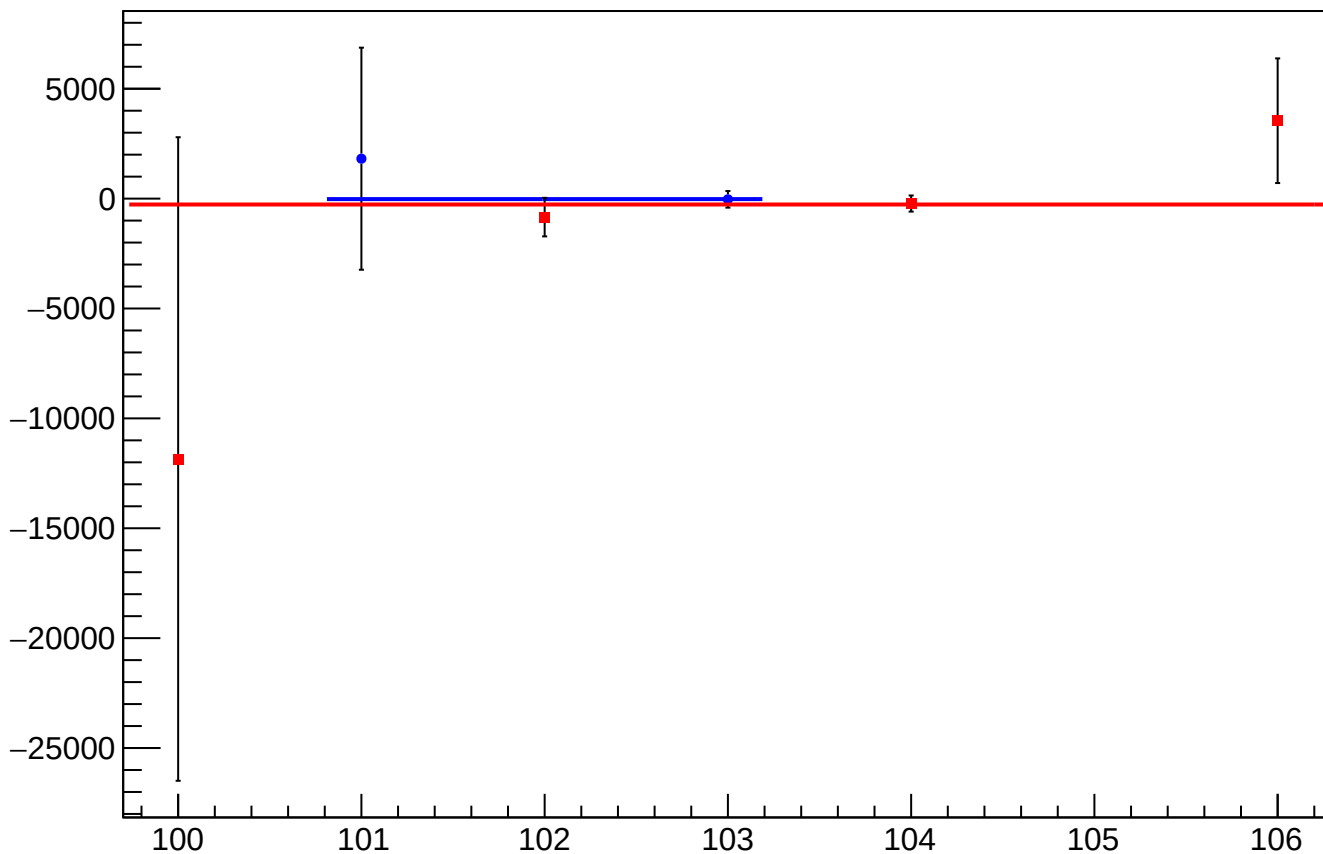
Right: 1209.459+/-0.577 χ^2/NDF : 678566.3/5

In: 1246.935+/-0.898 χ^2/NDF : 538545.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1209.459+/-0.577 χ^2/NDF : 678566.3/5

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -22.137+/-376.561 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -267.868+/-335.441 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

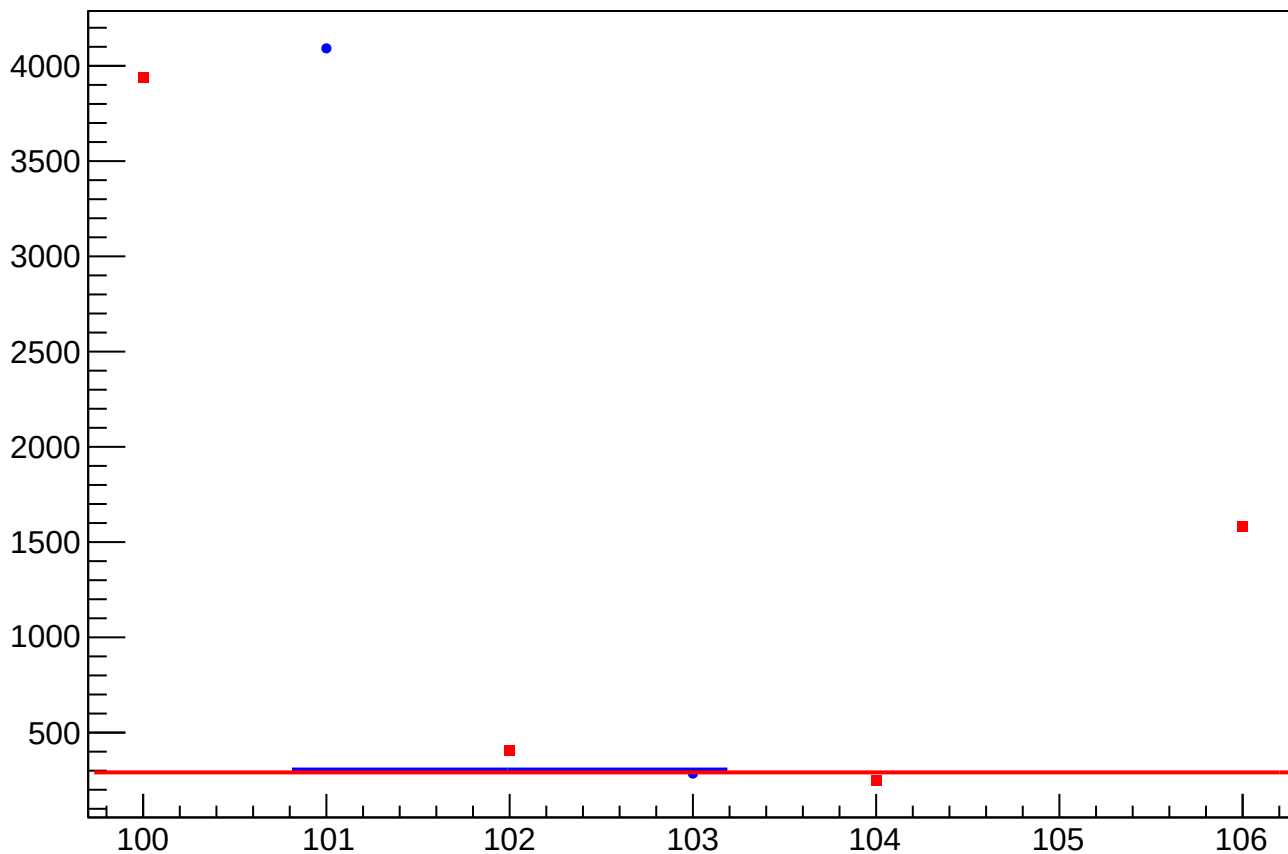
Right: -159.147+/-250.474 χ^2/NDF : 3.2/5

In: -22.137+/-376.561 χ^2/NDF :0.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -159.147+/-250.474 χ^2/NDF : 3.2/5

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 306.046 $\pm$ 0.266 χ^2 /NDF: 1129223.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 291.034 $\pm$ 0.237 χ^2 /NDF: 602309.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

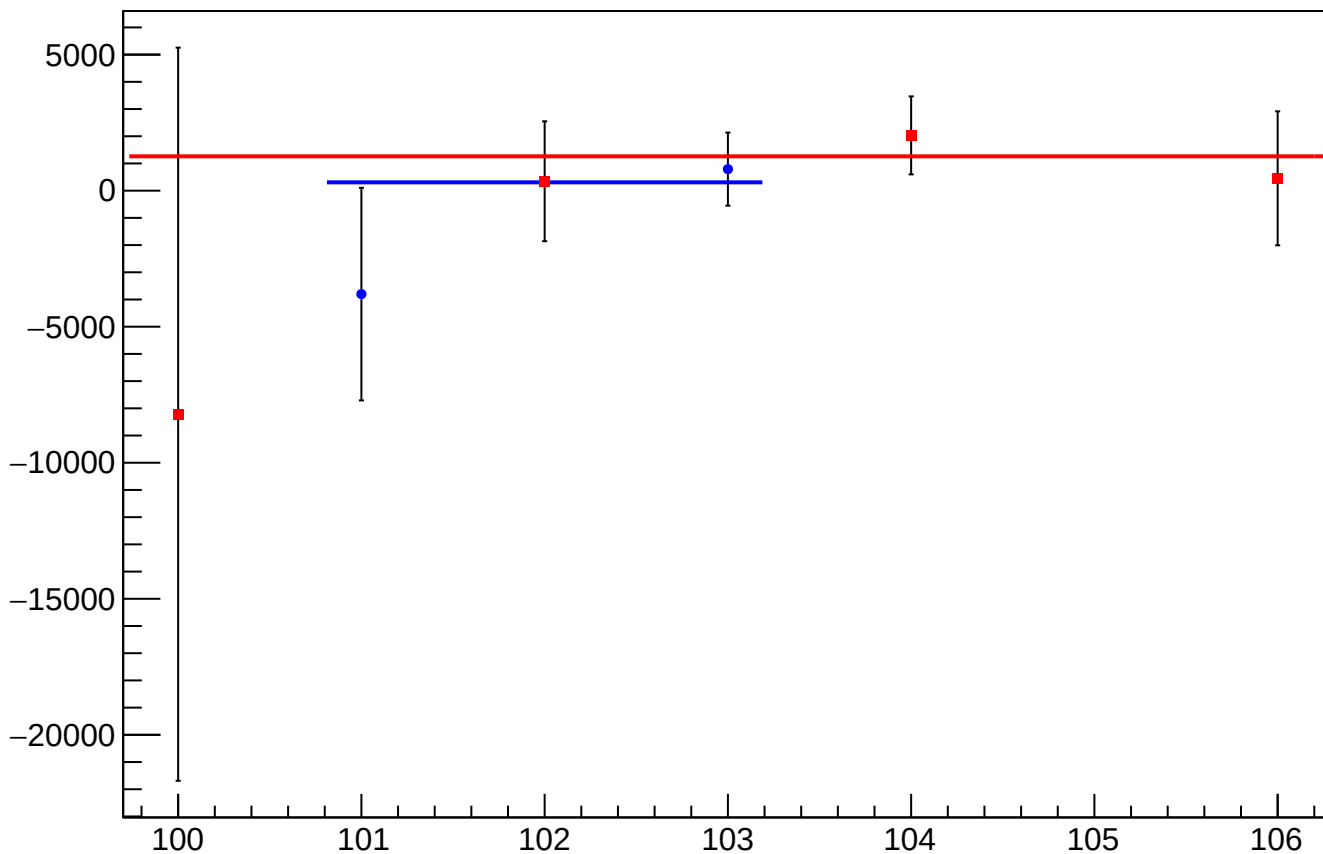
Right: 297.676 $\pm$ 0.177 χ^2 /NDF: 1733305.5/5

In: 306.046 $\pm$ 0.266 χ^2 /NDF:1129223.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 297.676 $\pm$ 0.177 χ^2 /NDF: 1733305.5/5

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.071+/-1076.489 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

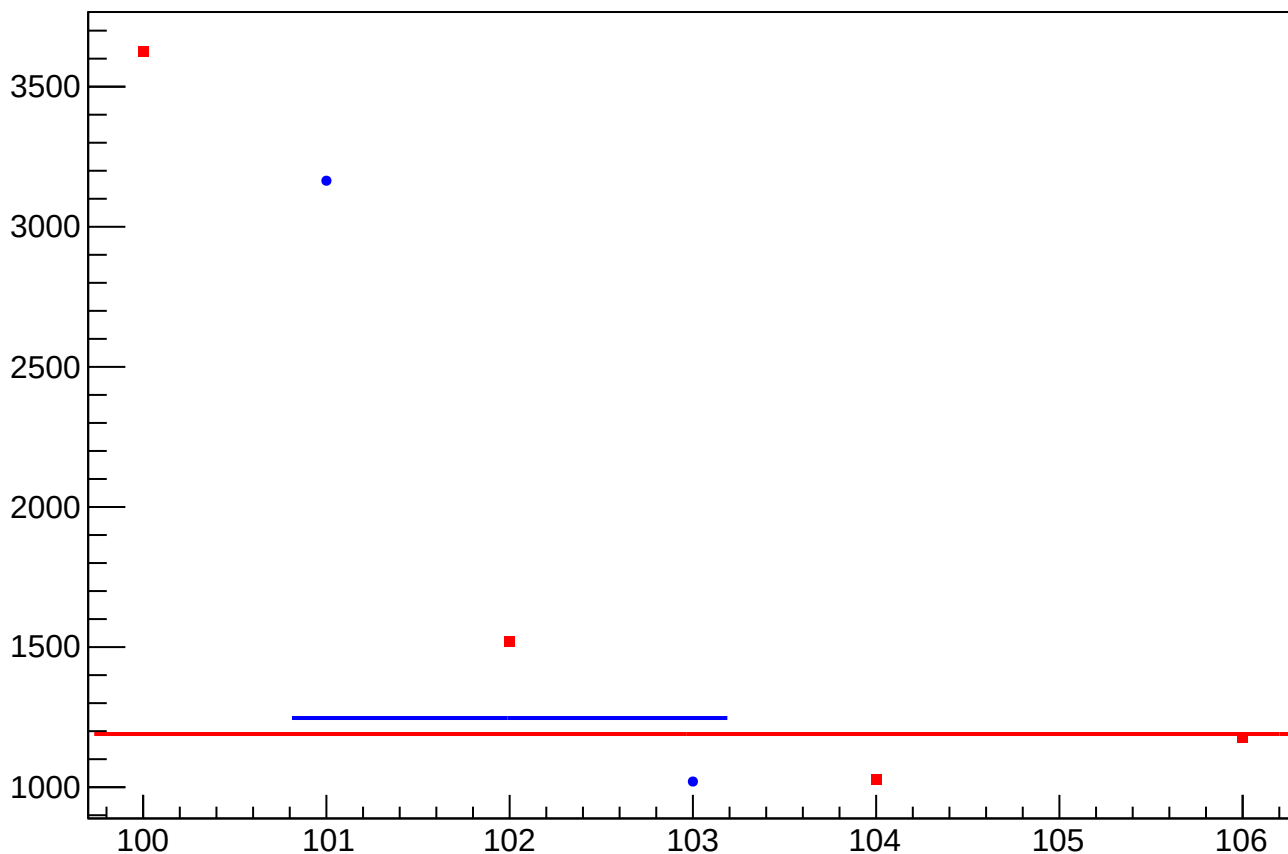
Right: 862.383+/-821.313 χ^2/NDF : 2.6/5

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 862.383+/-821.313 χ^2/NDF : 2.6/5

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1189.833+/-0.759 χ^2/NDF : 136517.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

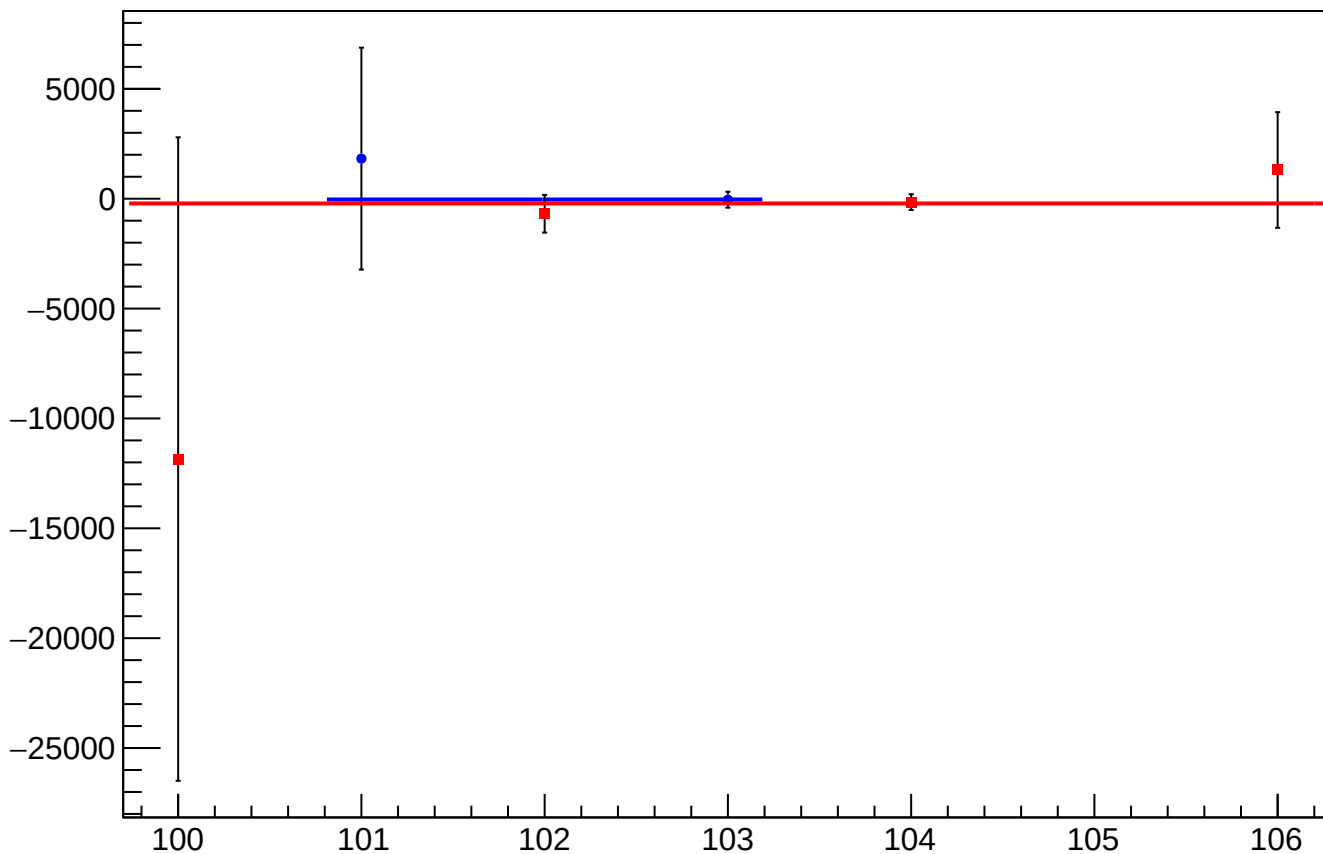
Right: 1213.599+/-0.580 χ^2/NDF : 677423.2/5

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.599+/-0.580 χ^2/NDF : 677423.2/5

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.610+/-329.628 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

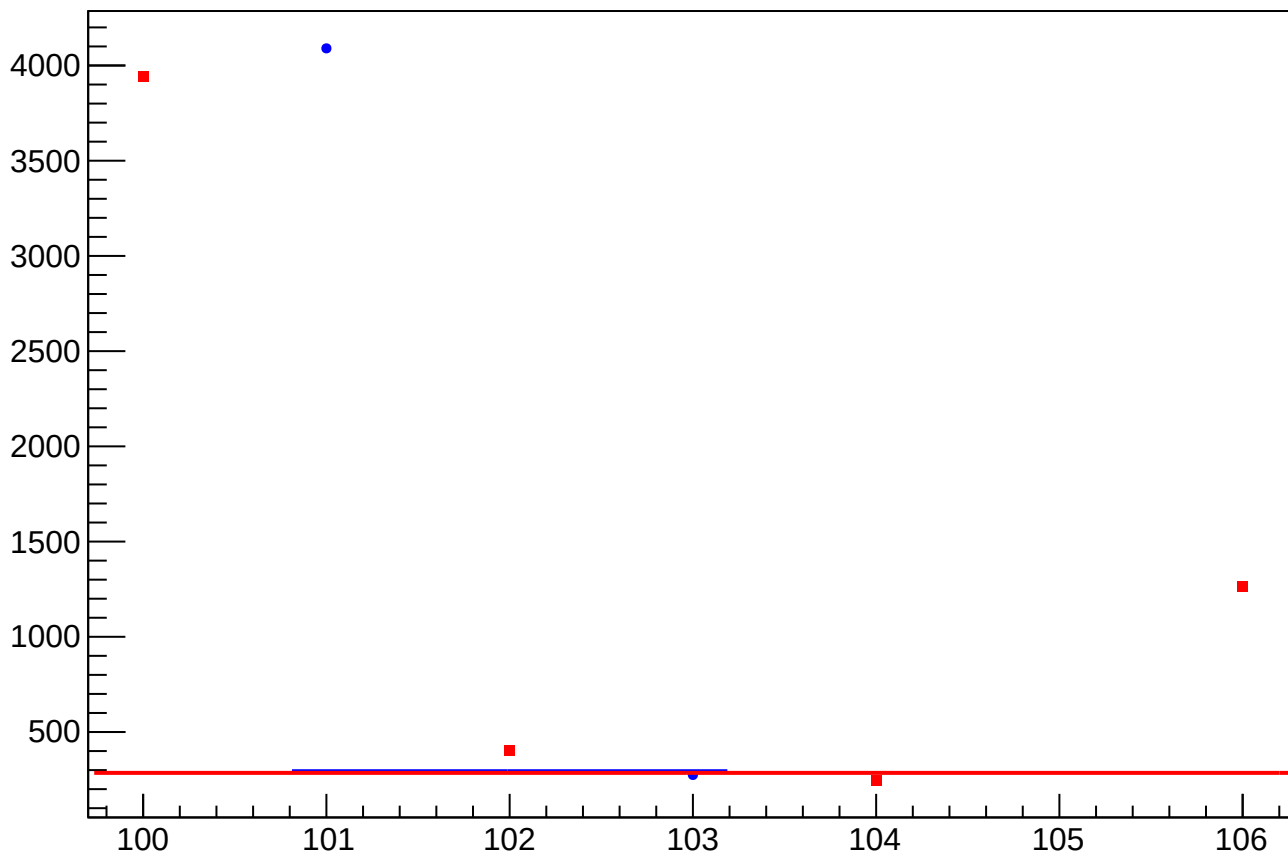
Right: -134.424+/-243.520 χ^2/NDF : 1.6/5

In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.424+/-243.520 χ^2/NDF : 1.6/5

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.090 +/- 0.255 χ^2/NDF : 1135761.5/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 285.426 +/- 0.233 χ^2/NDF : 466189.7/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

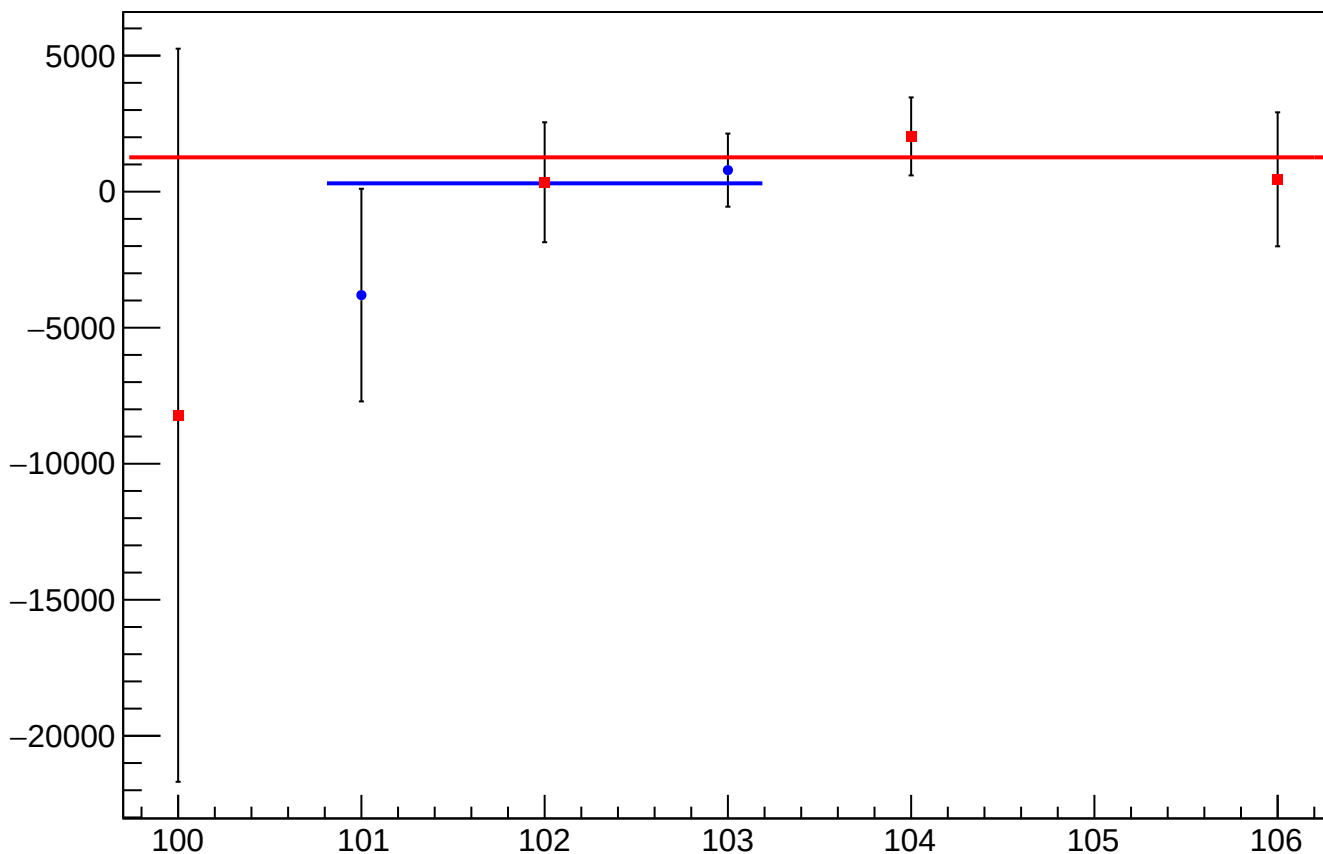
Right: 289.361 +/- 0.172 χ^2/NDF : 1602578.7/5

In: 294.090 +/- 0.255 χ^2/NDF : 1135761.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 289.361 +/- 0.172 χ^2/NDF : 1602578.7/5

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.071+/-1076.489 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

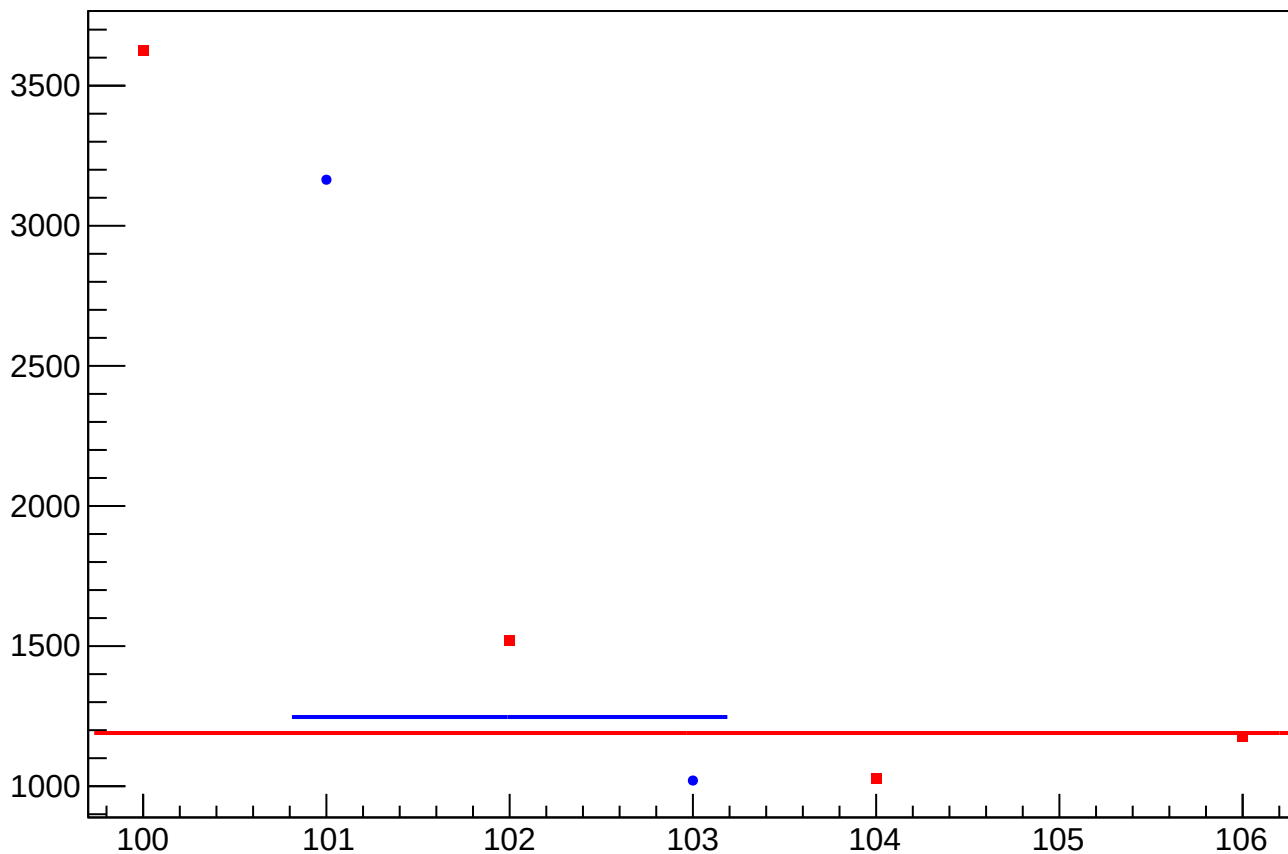
Right: 862.383+/-821.313 χ^2/NDF : 2.6/5

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 862.383+/-821.313 χ^2/NDF : 2.6/5

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1189.833+/-0.759 χ^2/NDF : 136517.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

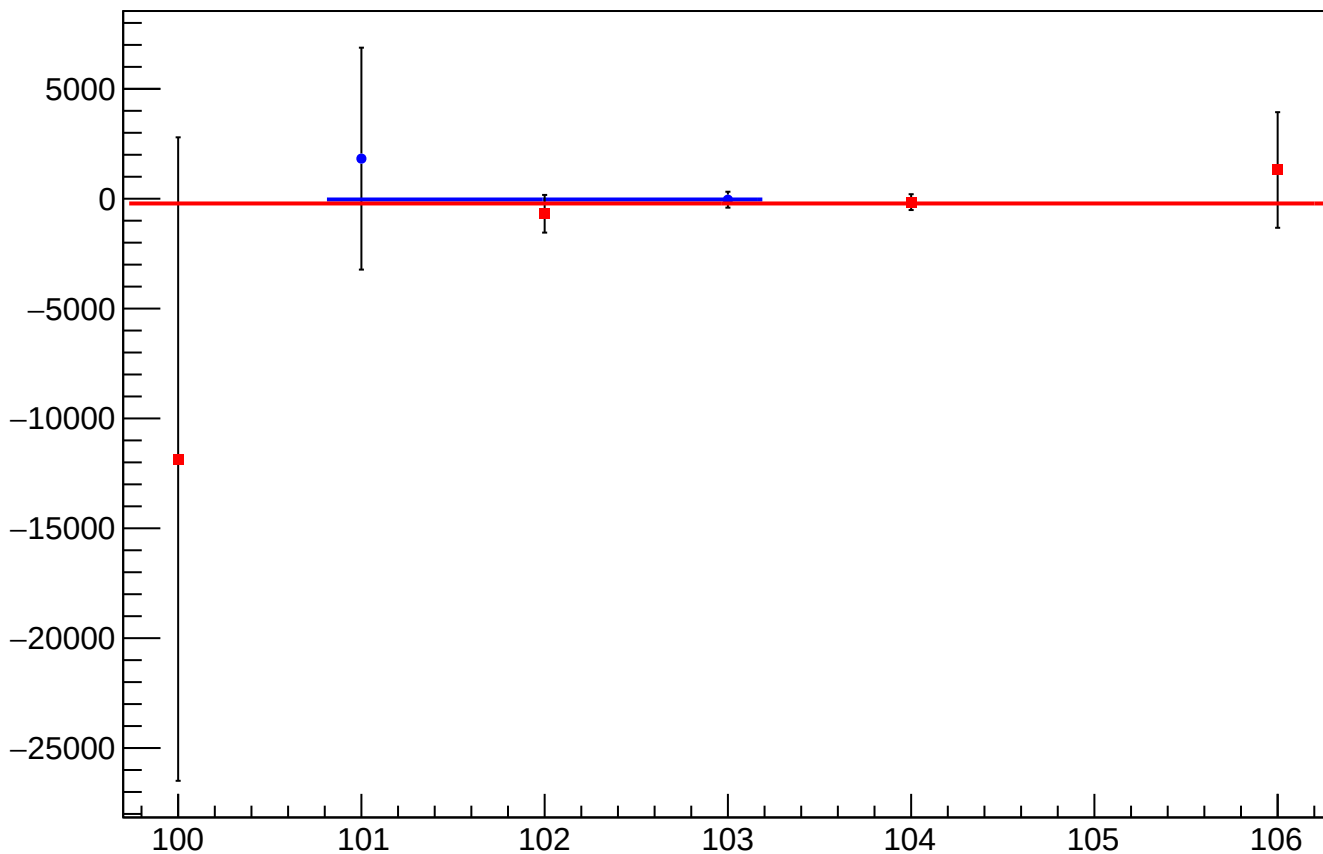
Right: 1213.599+/-0.580 χ^2/NDF : 677423.2/5

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.599+/-0.580 χ^2/NDF : 677423.2/5

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.610+/-329.628 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

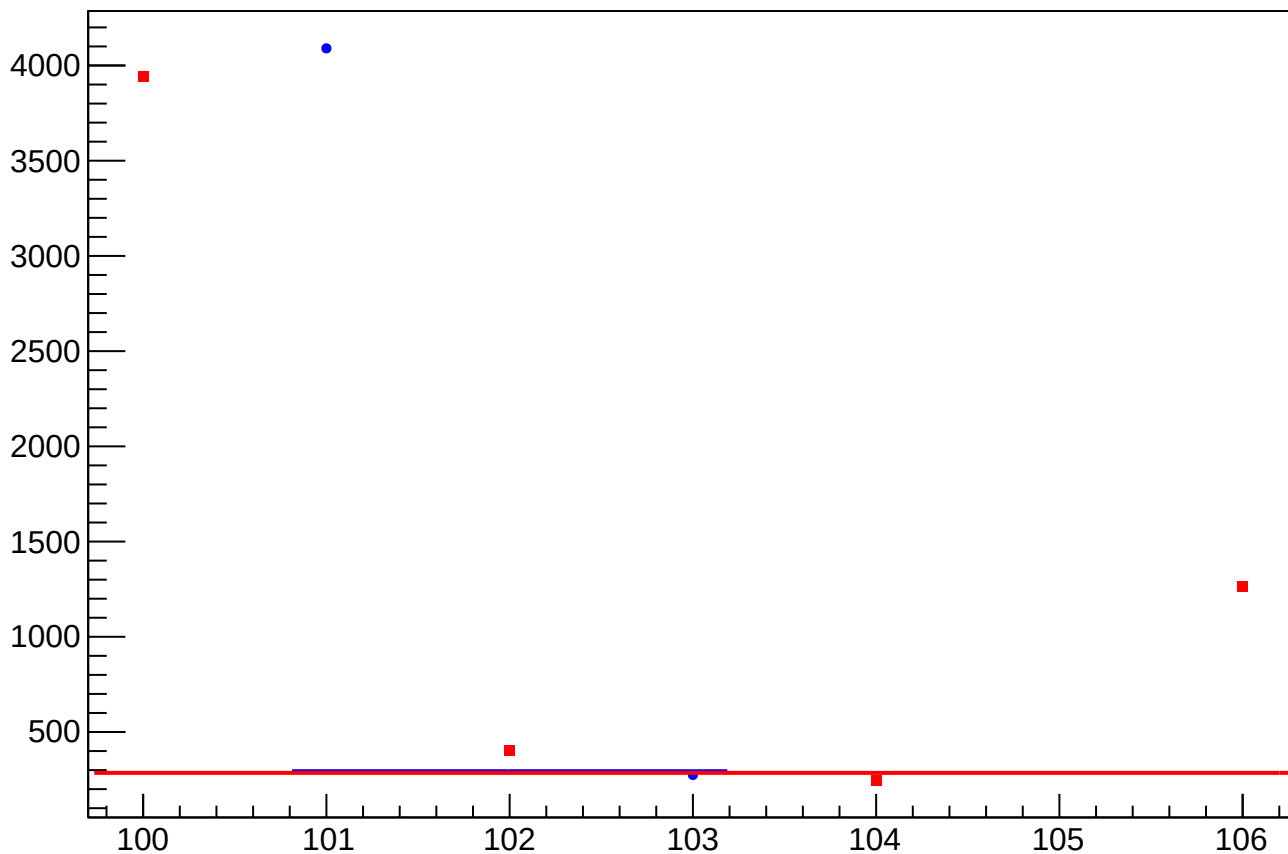
Right: -134.424+/-243.520 χ^2/NDF : 1.6/5

In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.424+/-243.520 χ^2/NDF : 1.6/5

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.426+/-0.233 χ^2/NDF : 466189.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

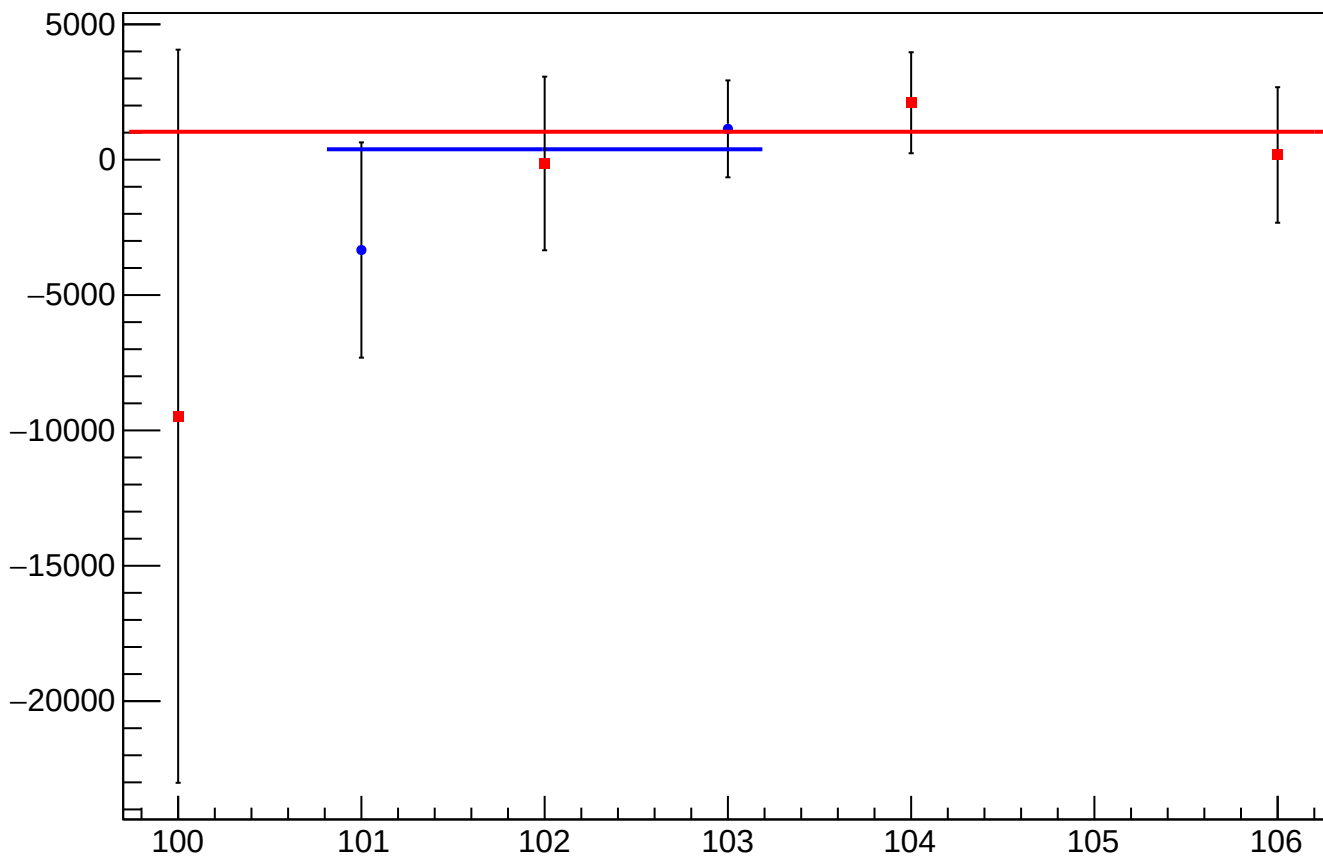
Right: 289.361+/-0.172 χ^2/NDF : 1602578.7/5

In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.361+/-0.172 χ^2/NDF : 1602578.7/5

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 384.722+/-1632.101 χ^2 /NDF: 1.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1031.653+/-1348.941 χ^2 /NDF: 1.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

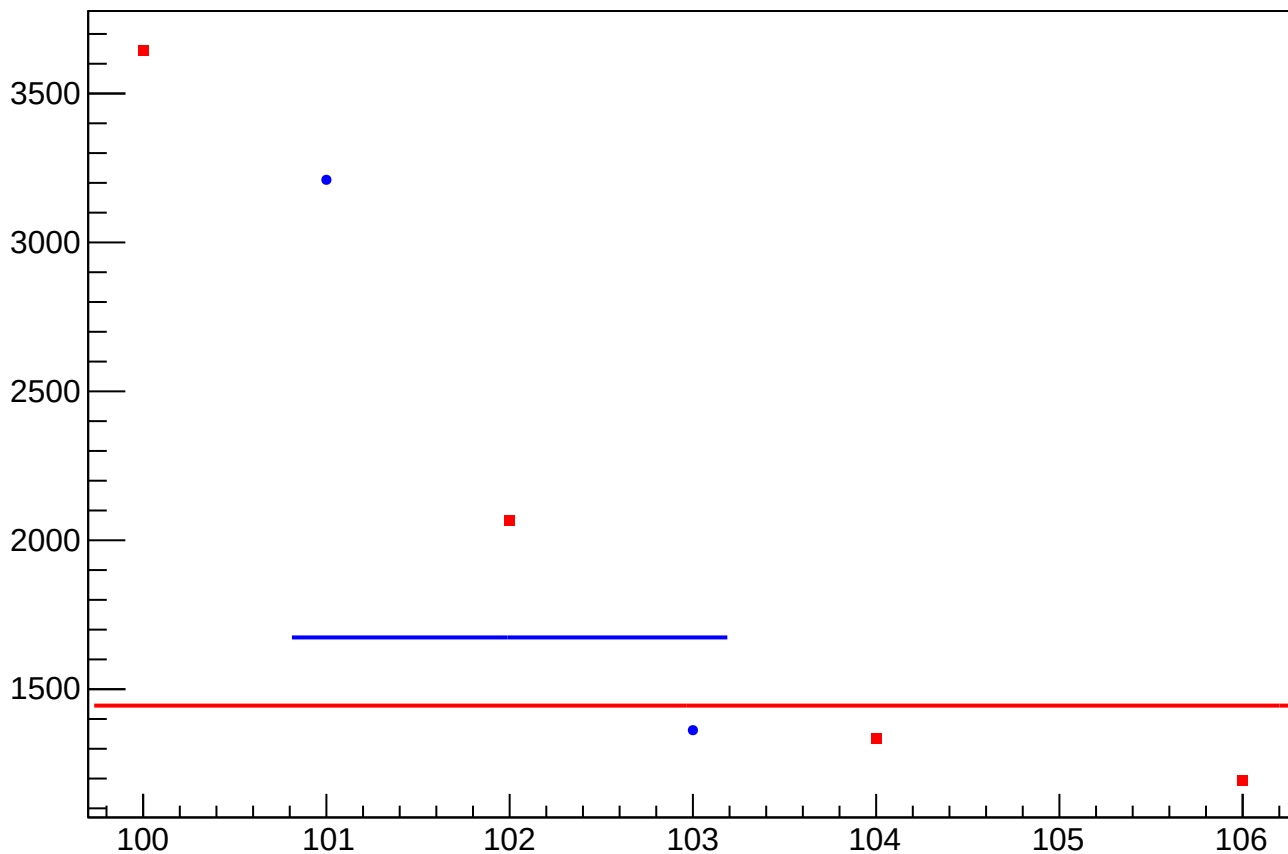
Right: 769.088+/-1039.768 χ^2 /NDF: 2.3/5

In: 384.722+/-1632.101 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 769.088+/-1039.768 χ^2 /NDF: 2.3/5

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1673.821+/-1.154 χ^2/NDF : 359233.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.933+/-0.950 χ^2/NDF : 155469.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

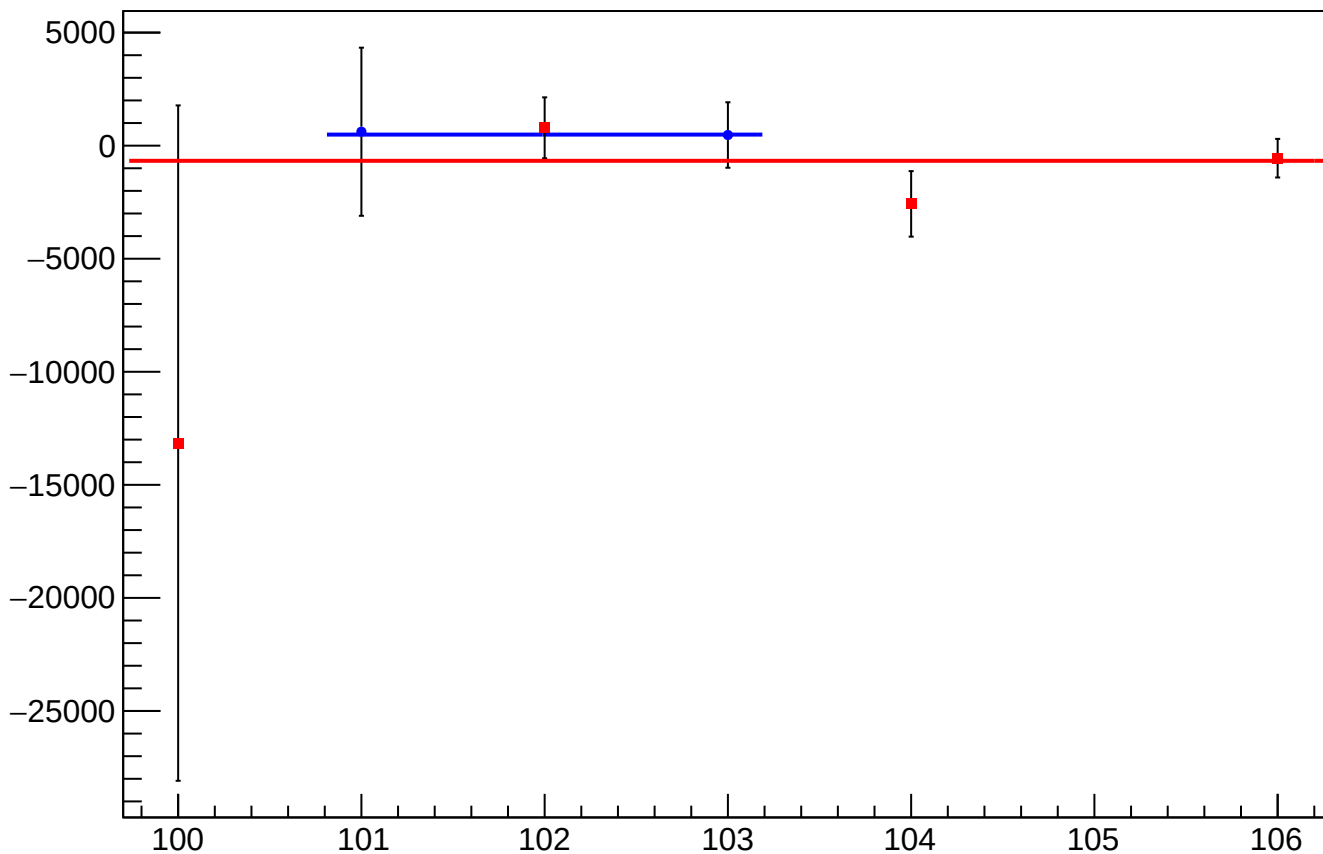
Right: 1537.353+/-0.733 χ^2/NDF : 538155.9/5

In: 1673.821+/-1.154 χ^2/NDF : 359233.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.353+/-0.733 χ^2/NDF : 538155.9/5

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.204+/-645.041 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

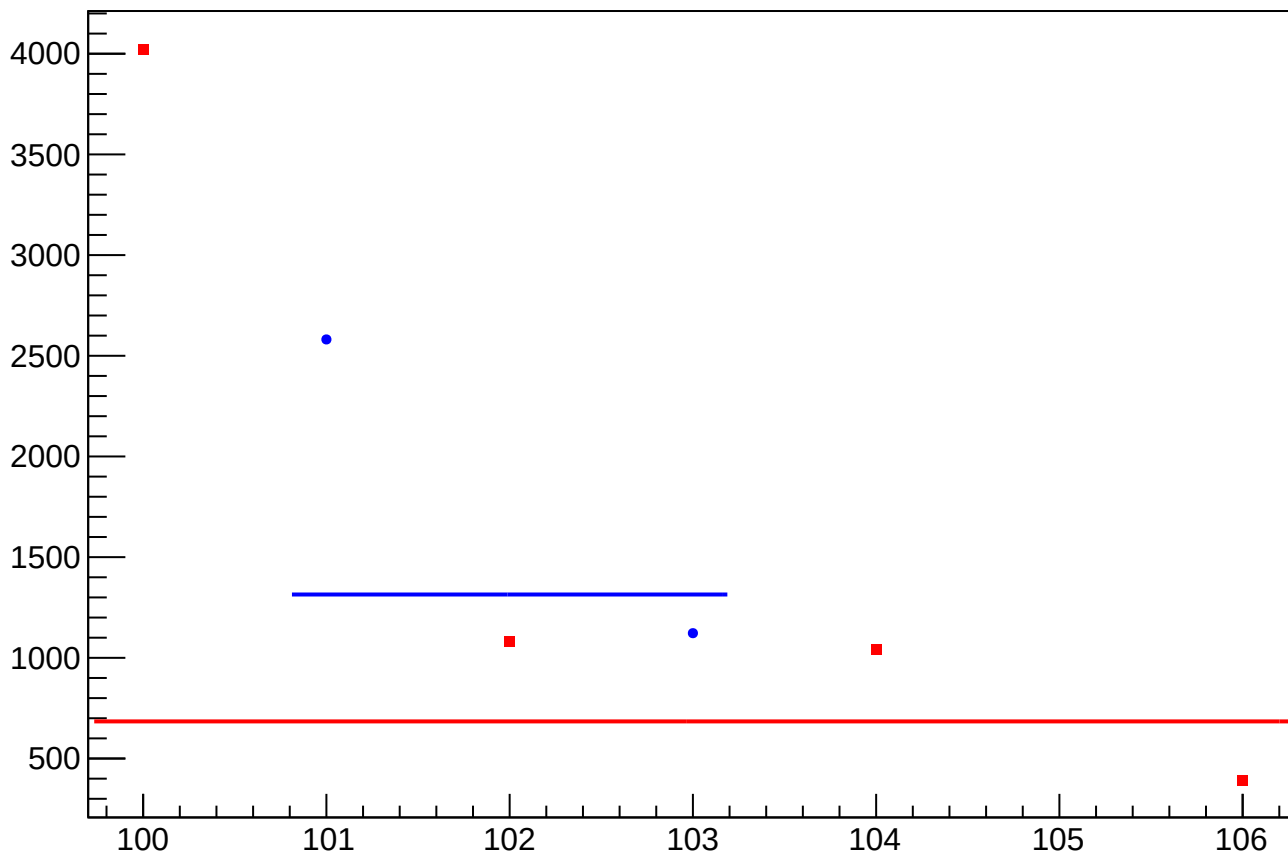
Right: -454.351+/-581.928 χ^2/NDF : 4.2/5

In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.351+/-581.928 χ^2/NDF : 4.2/5

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1314.525+/-0.954 χ^2/NDF : 267383.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.325+/-0.456 χ^2/NDF : 632620.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

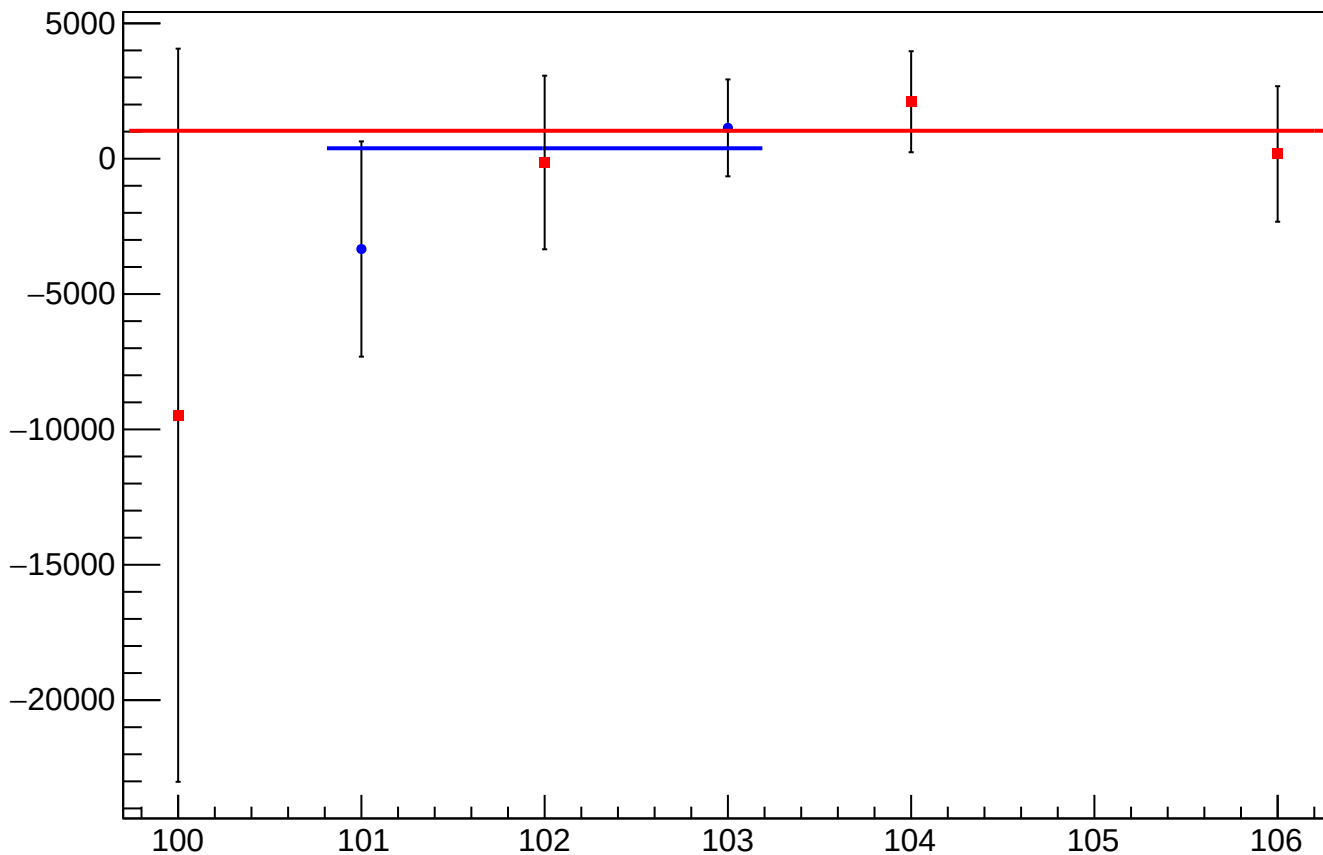
Right: 801.613+/-0.411 χ^2/NDF : 1255298.8/5

In: 1314.525+/-0.954 χ^2/NDF : 267383.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.613+/-0.411 χ^2/NDF : 1255298.8/5

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 384.725+/-1632.101 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1031.649+/-1348.940 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

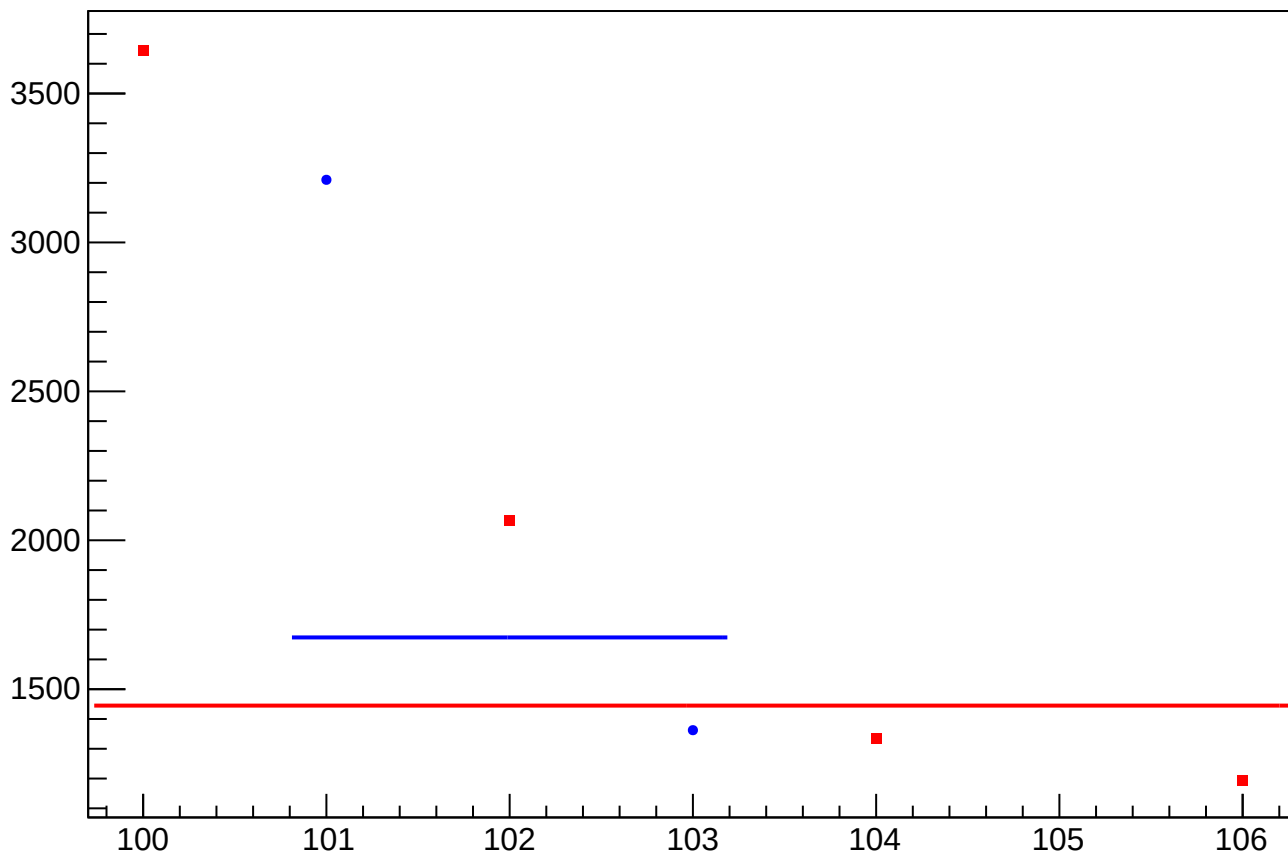
Right: 769.087+/-1039.768 χ^2/NDF : 2.3/5

In: 384.725+/-1632.101 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.087+/-1039.768 χ^2/NDF : 2.3/5

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1673.820+/-1.154 χ^2/NDF : 359234.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.933+/-0.950 χ^2/NDF : 155469.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

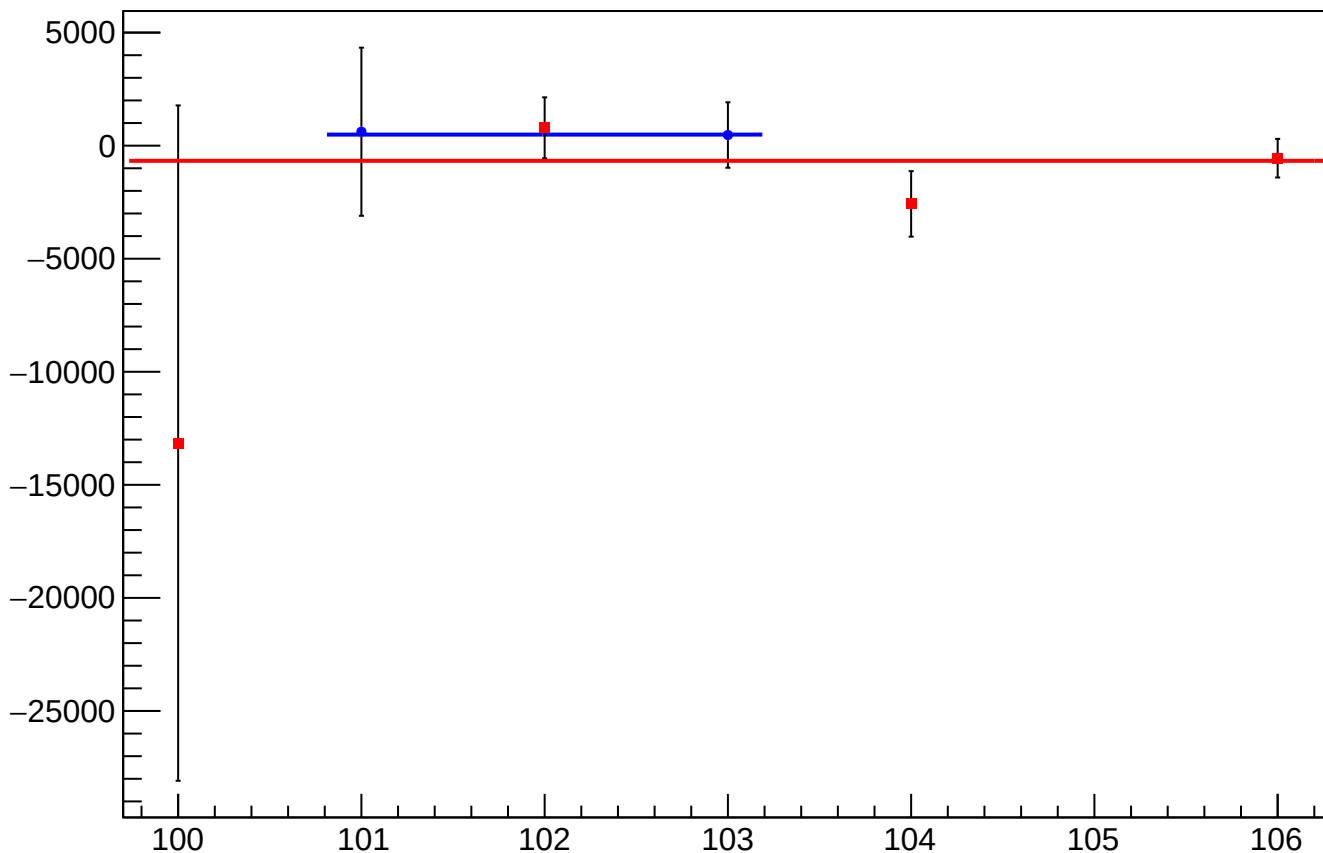
Right: 1537.352+/-0.733 χ^2/NDF : 538156.0/5

In: 1673.820+/-1.154 χ^2/NDF : 359234.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.352+/-0.733 χ^2/NDF : 538156.0/5

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -670.198+/-645.031 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

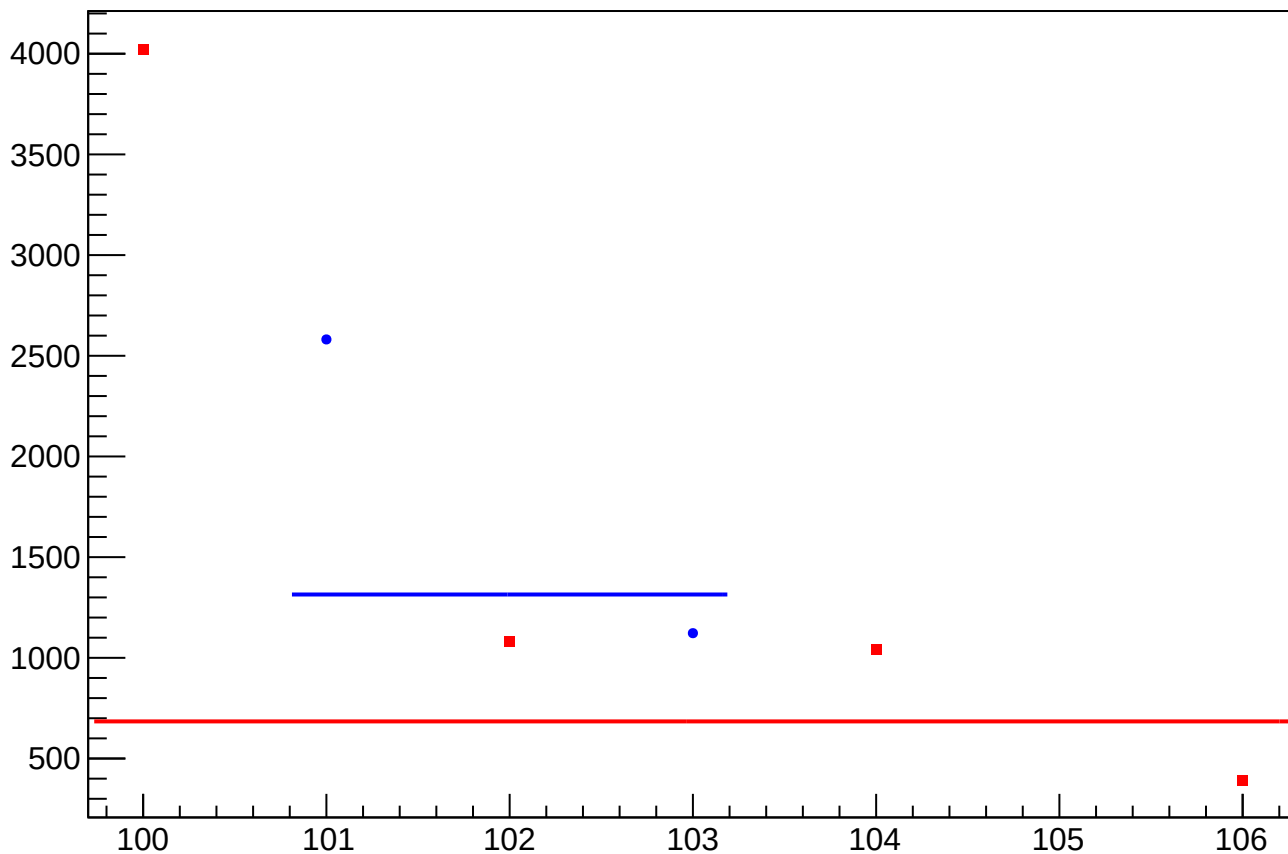
Right: -454.352+/-581.921 χ^2/NDF : 4.2/5

In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.352+/-581.921 χ^2/NDF : 4.2/5

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1314.525+/-0.954 χ^2/NDF : 267383.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.309+/-0.456 χ^2/NDF : 632652.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

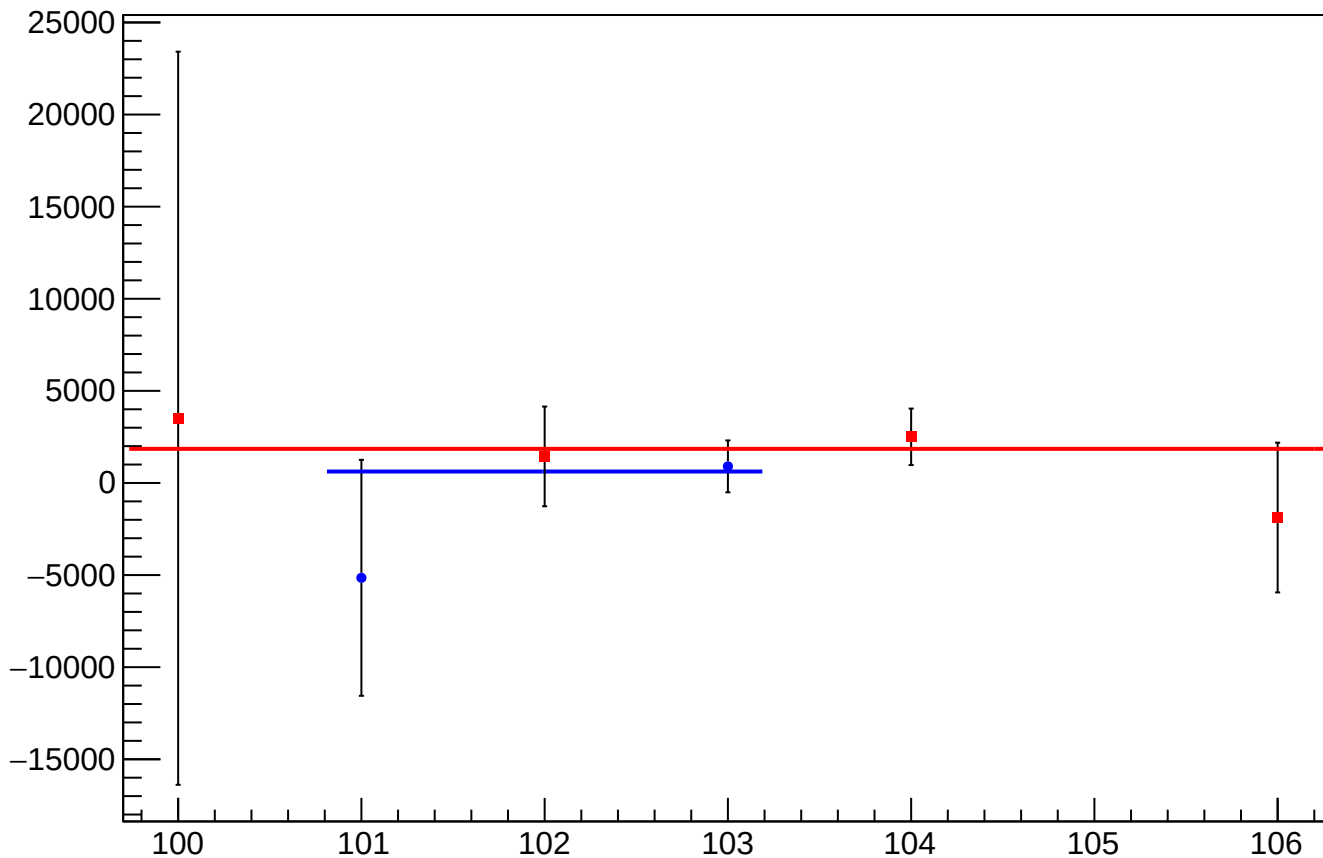
Right: 801.597+/-0.411 χ^2/NDF : 1255349.5/5

In: 1314.525+/-0.954 χ^2/NDF : 267383.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 801.597+/-0.411 χ^2/NDF : 1255349.5/5

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 621.463+/-1375.731 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.862+/-1265.103 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

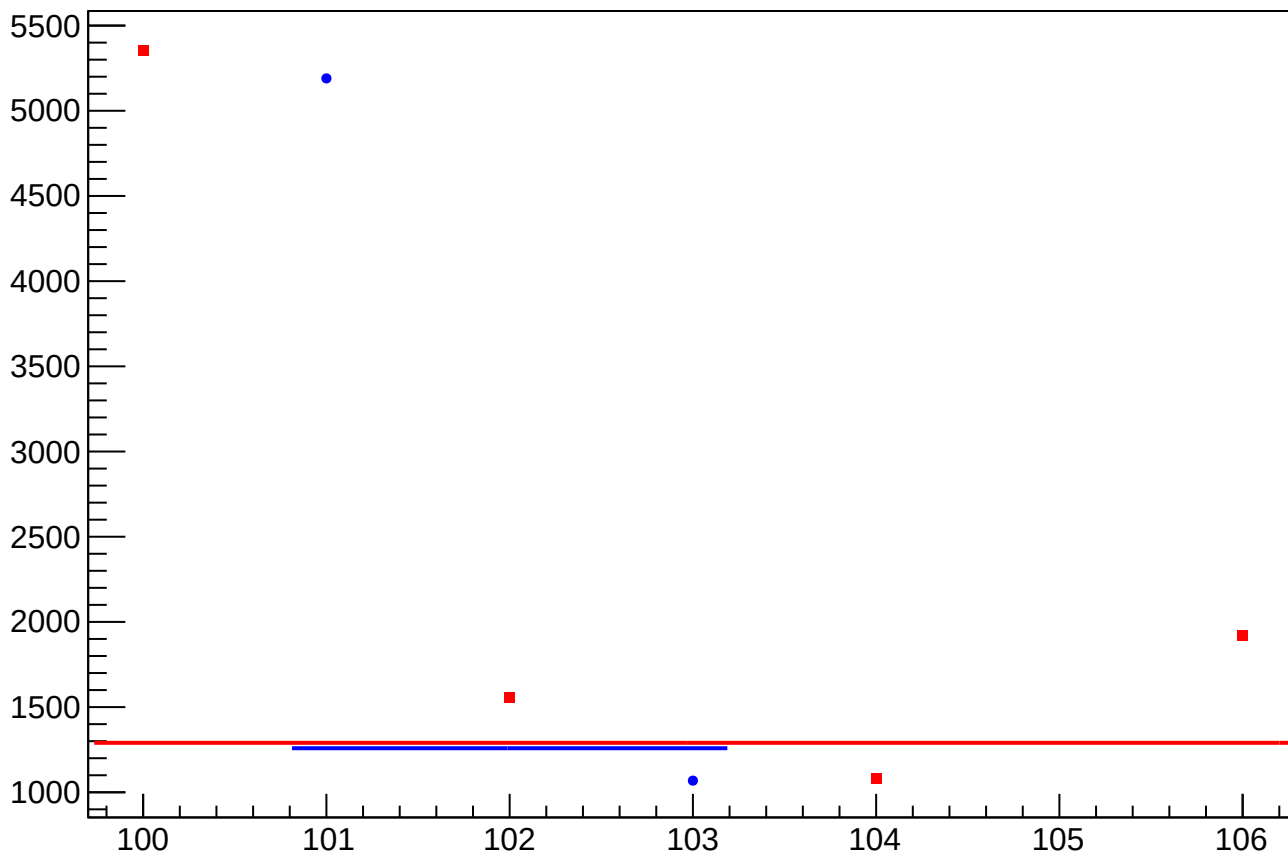
Right: 1288.115+/-931.220 χ^2/NDF : 2.3/5

In: 621.463+/-1375.731 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1288.115+/-931.220 χ^2/NDF : 2.3/5

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1258.615+/-0.973 χ^2/NDF : 789992.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1290.430+/-0.890 χ^2/NDF : 192462.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

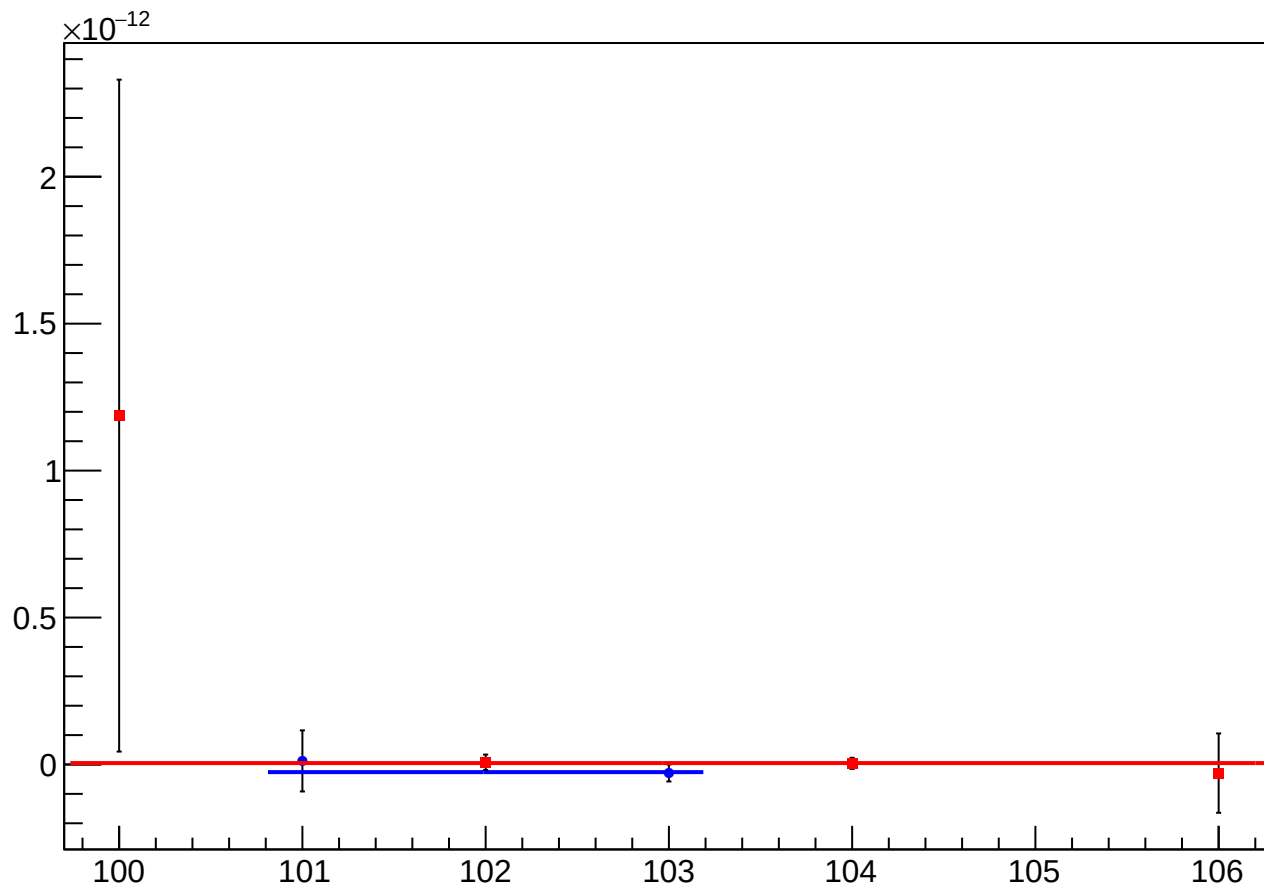
Right: 1275.928+/-0.657 χ^2/NDF : 983036.9/5

In: 1258.615+/-0.973 χ^2/NDF : 789992.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.928+/-0.657 χ^2/NDF : 983036.9/5

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

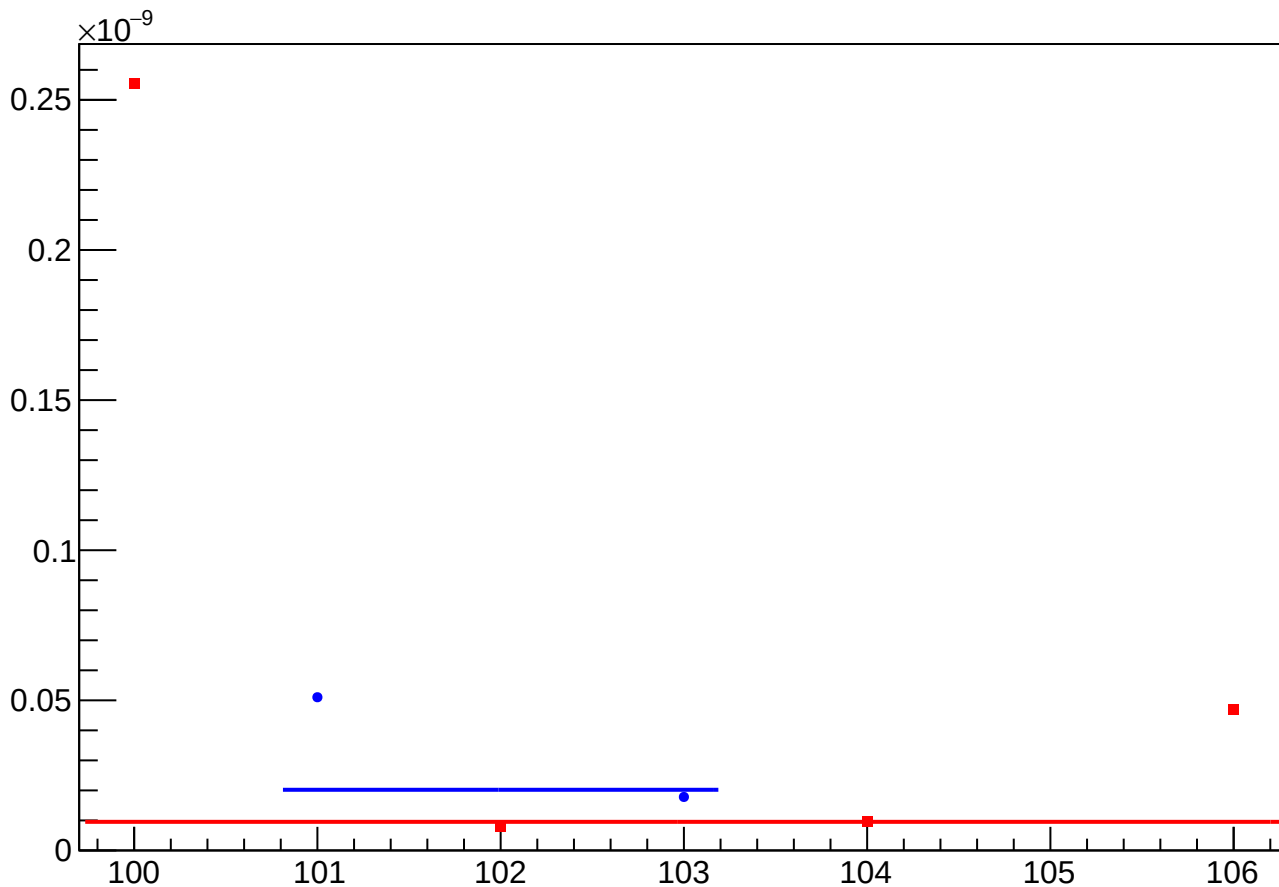
Right: -0.000+/-0.000 χ^2 /NDF: 2.2/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.2/5

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 189716.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 251969.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

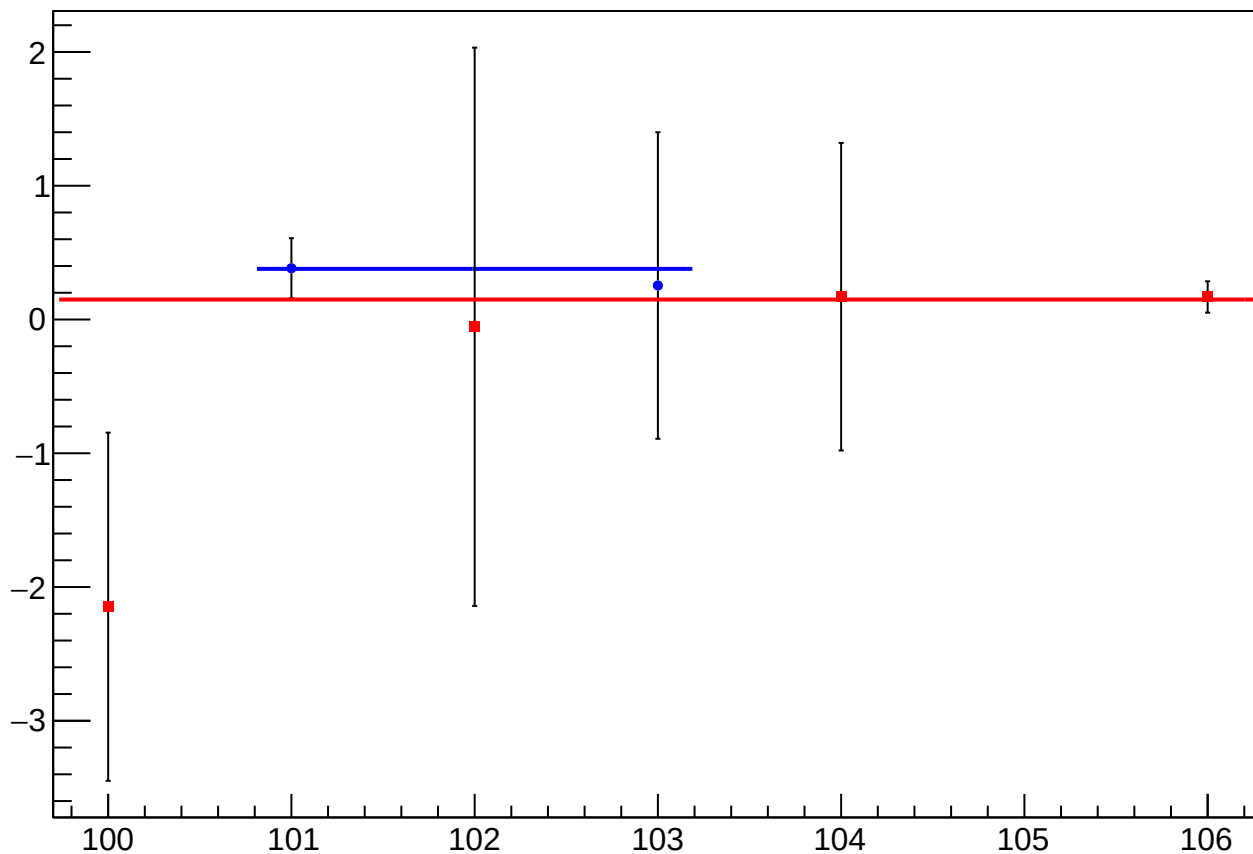
Right: 0.000+/-0.000 χ^2/NDF : 667970.3/5

In: 0.000+/-0.000 χ^2/NDF : 189716.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 667970.3/5

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.149+/-0.116 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

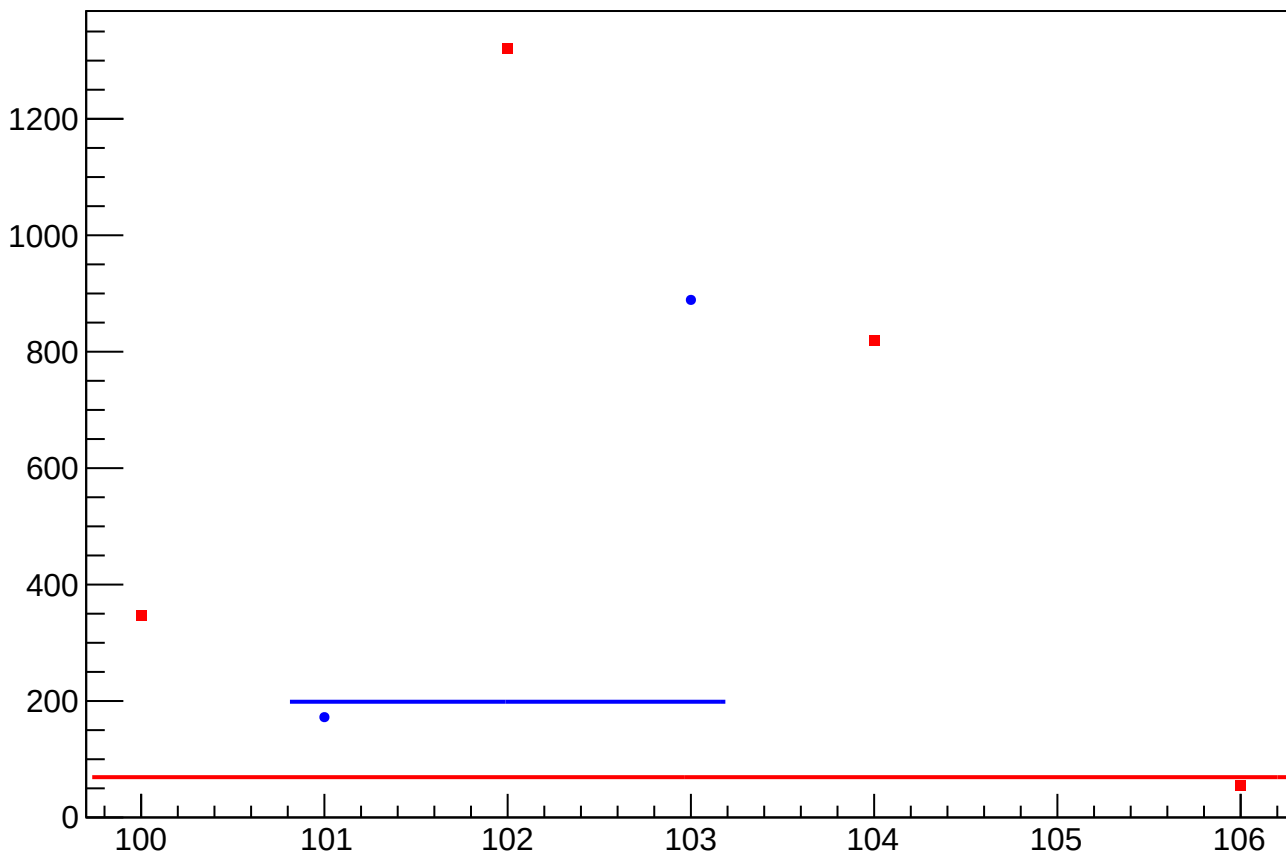
Right: 0.199+/-0.103 χ^2/NDF : 4.0/5

In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.199+/-0.103 χ^2/NDF : 4.0/5

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.203+/-0.082 χ^2/NDF : 1690774.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

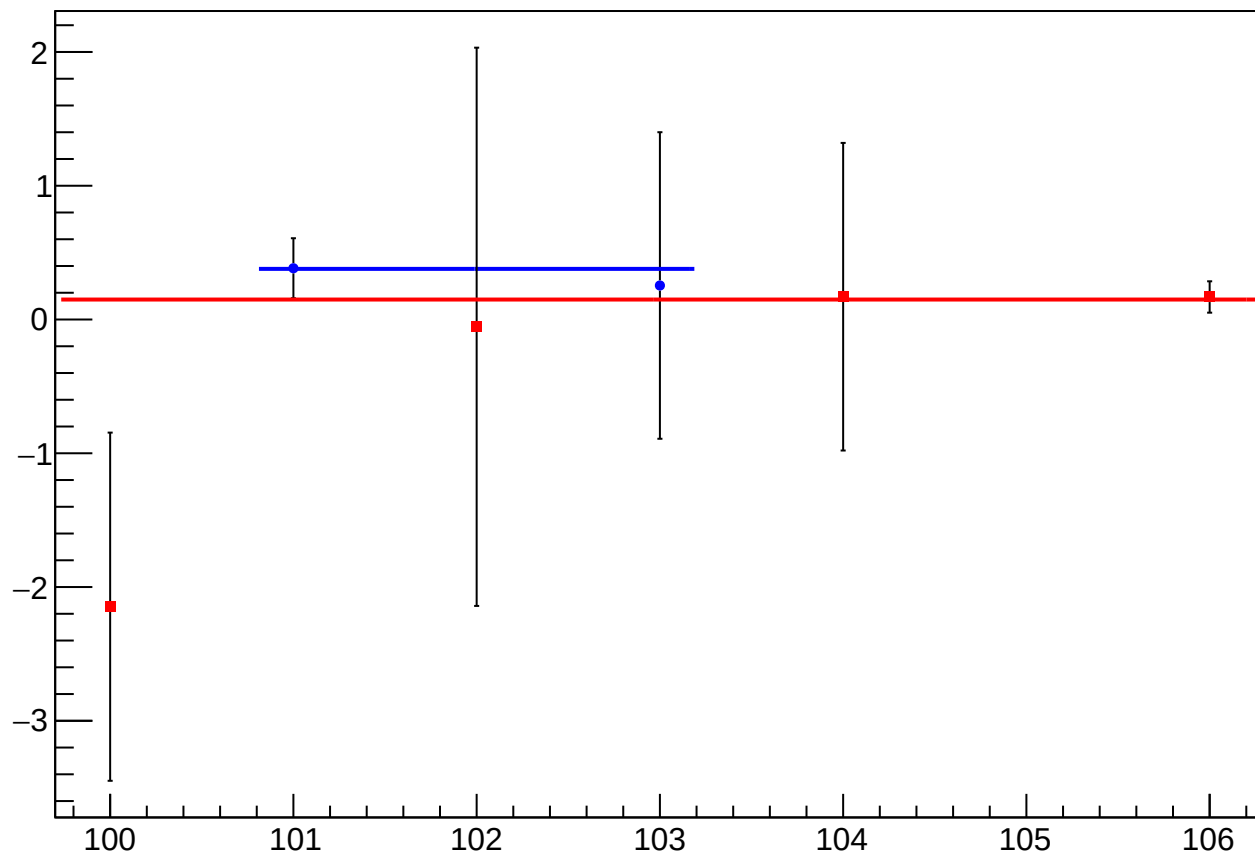
Right: 97.364+/-0.073 χ^2/NDF : 2986151.7/5

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.364+/-0.073 χ^2/NDF : 2986151.7/5

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.378 $\pm$ 0.220 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.149 $\pm$ 0.116 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

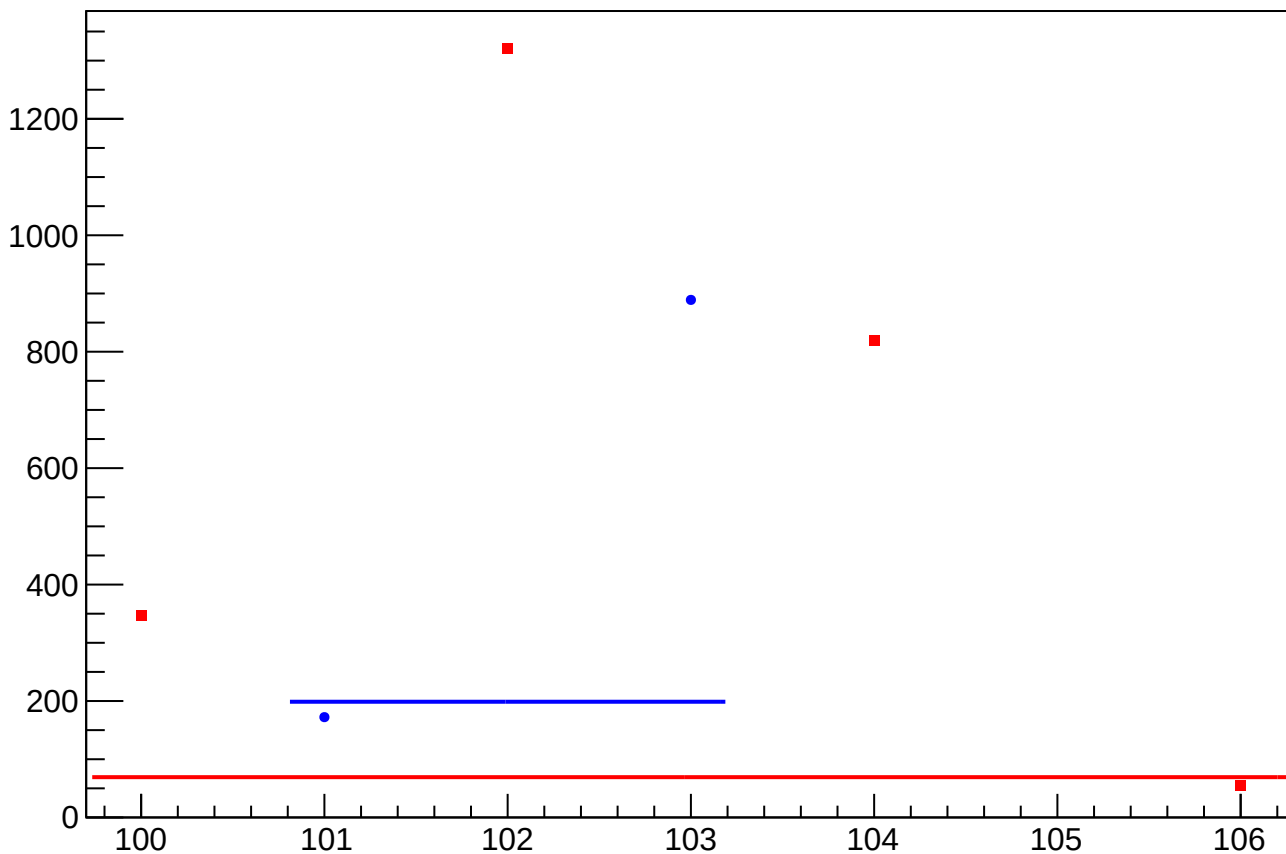
Right: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5

In: 0.378 $\pm$ 0.220 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.203+/-0.082 χ^2/NDF : 1690774.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

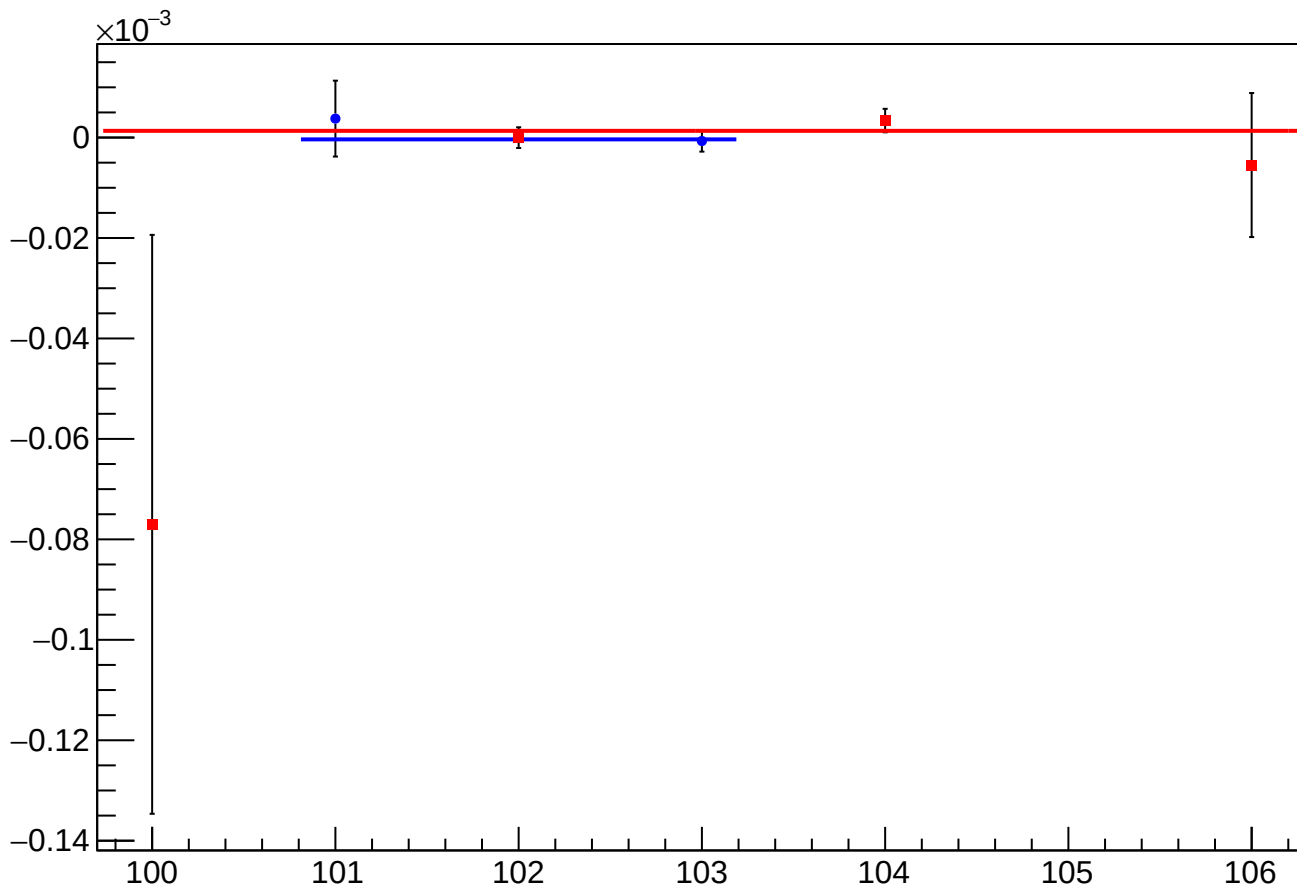
Right: 97.364+/-0.073 χ^2/NDF : 2986151.7/5

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.364+/-0.073 χ^2/NDF : 2986151.7/5

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

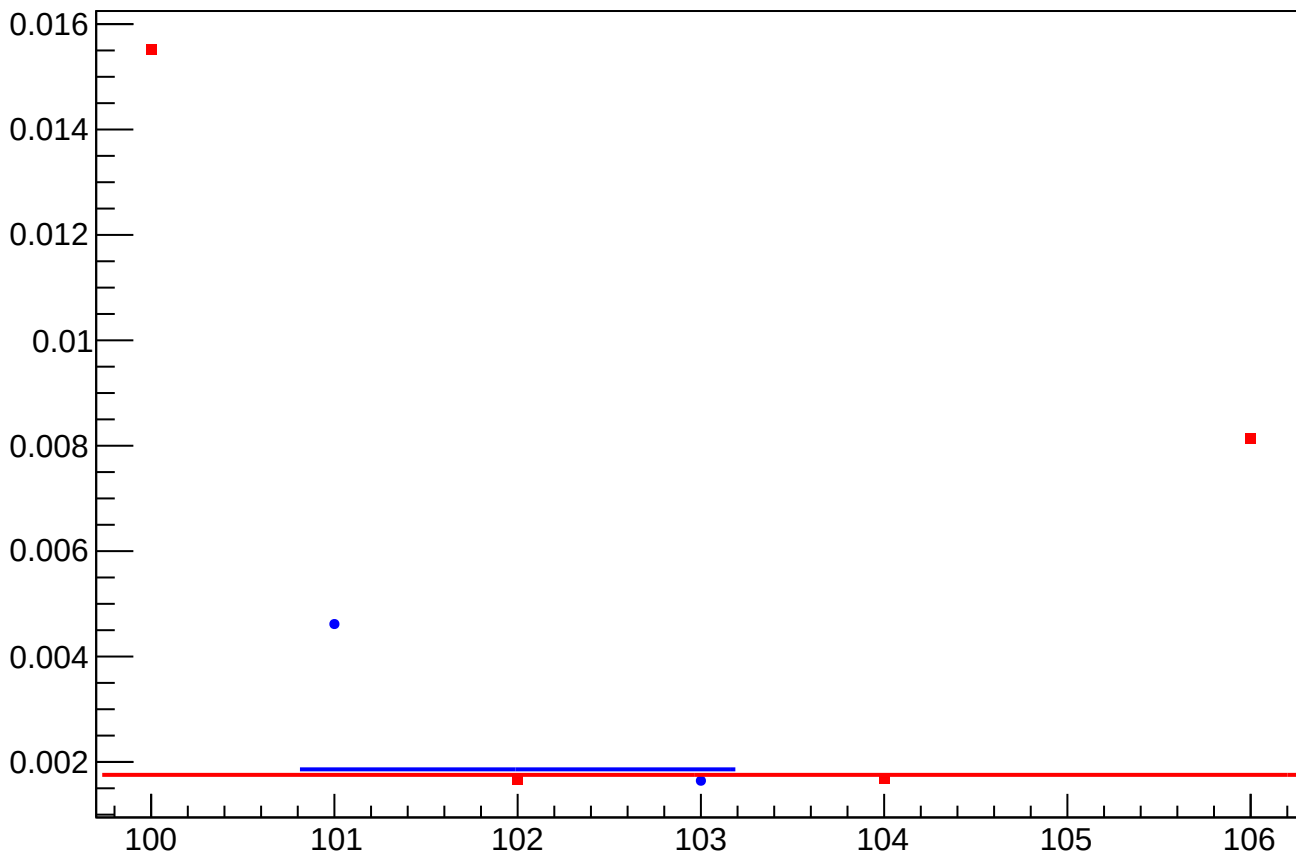
Right: 0.000+/-0.000 χ^2/NDF : 4.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.0/5

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 287180.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 517298.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

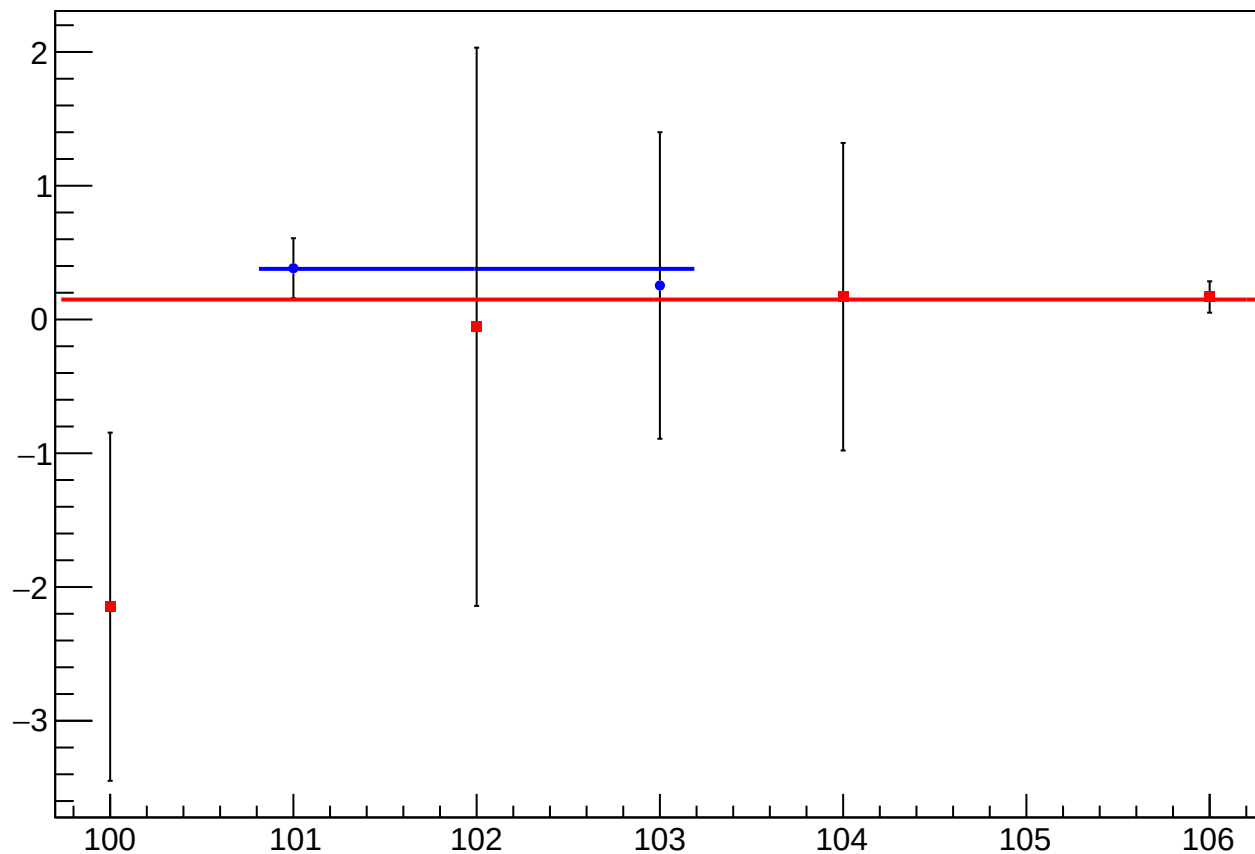
Right: 0.002+/-0.000 χ^2/NDF : 807840.2/5

In: 0.002+/-0.000 χ^2/NDF : 287180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 807840.2/5

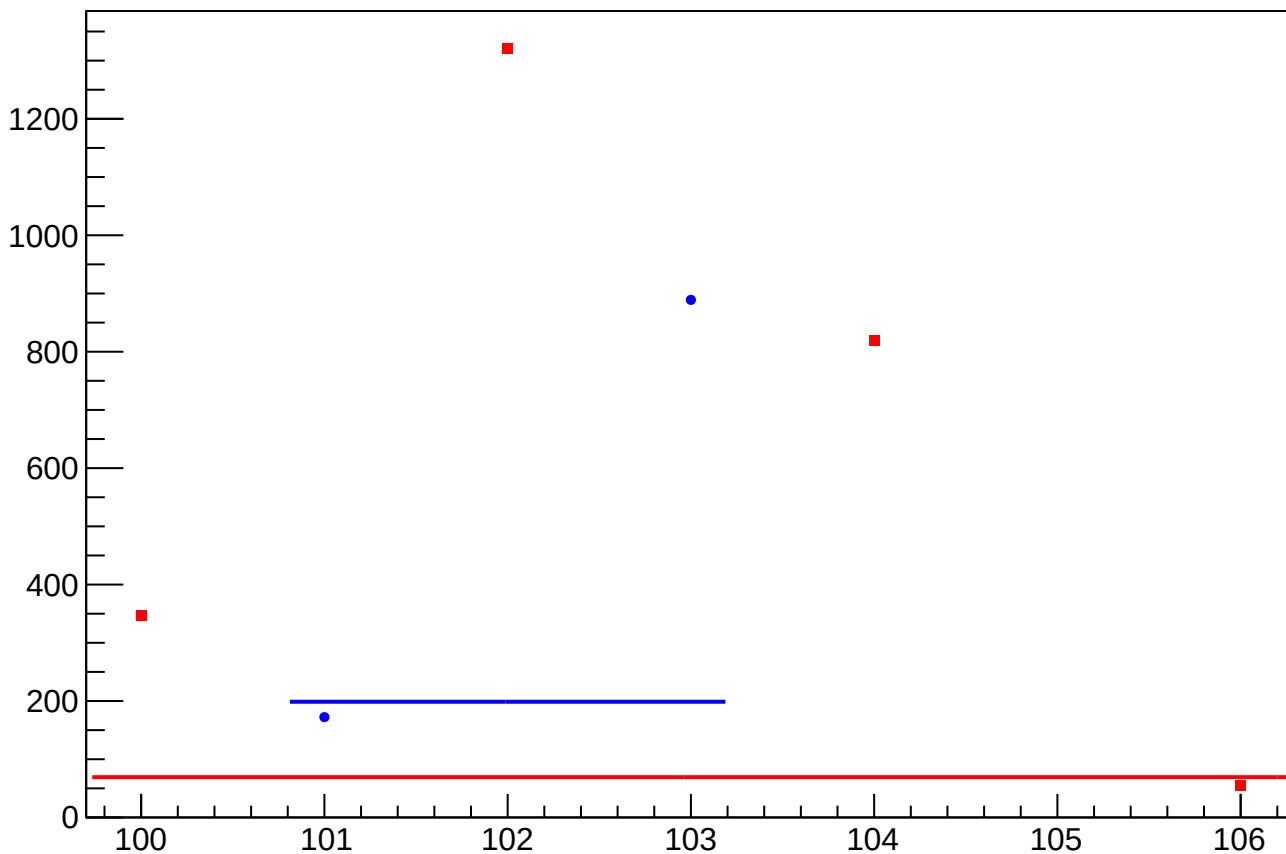
asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.149 $\pm$ 0.116 χ^2 /NDF: 3.1/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5
 In: 0.379 $\pm$ 0.220 χ^2 /NDF:0.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.757 $\pm$ 0.156 χ^2 /NDF: 753450.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.197 $\pm$ 0.082 χ^2 /NDF: 1690795.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

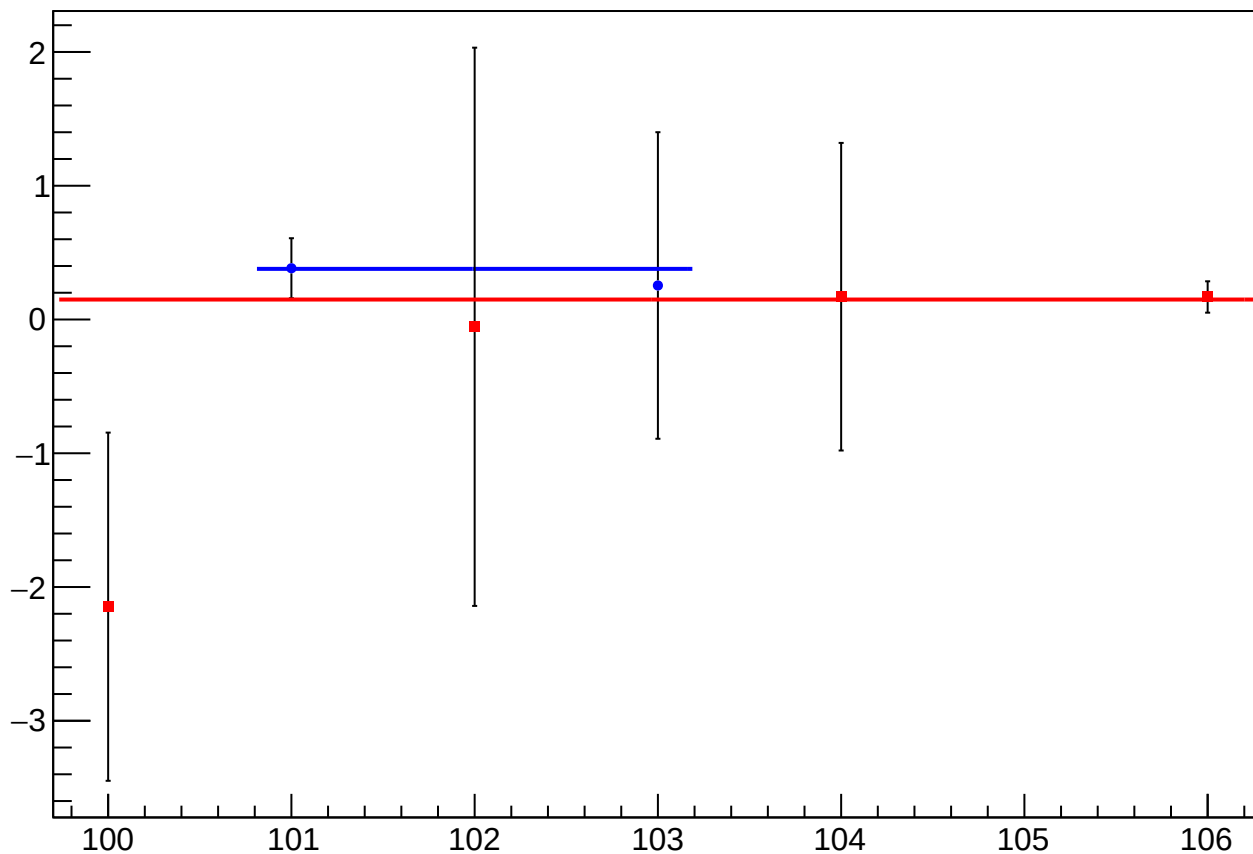
Right: 97.357 $\pm$ 0.073 χ^2 /NDF: 2986229.7/5

In: 198.757 $\pm$ 0.156 χ^2 /NDF:753450.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.357 $\pm$ 0.073 χ^2 /NDF: 2986229.7/5

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.149 $\pm$ 0.116 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

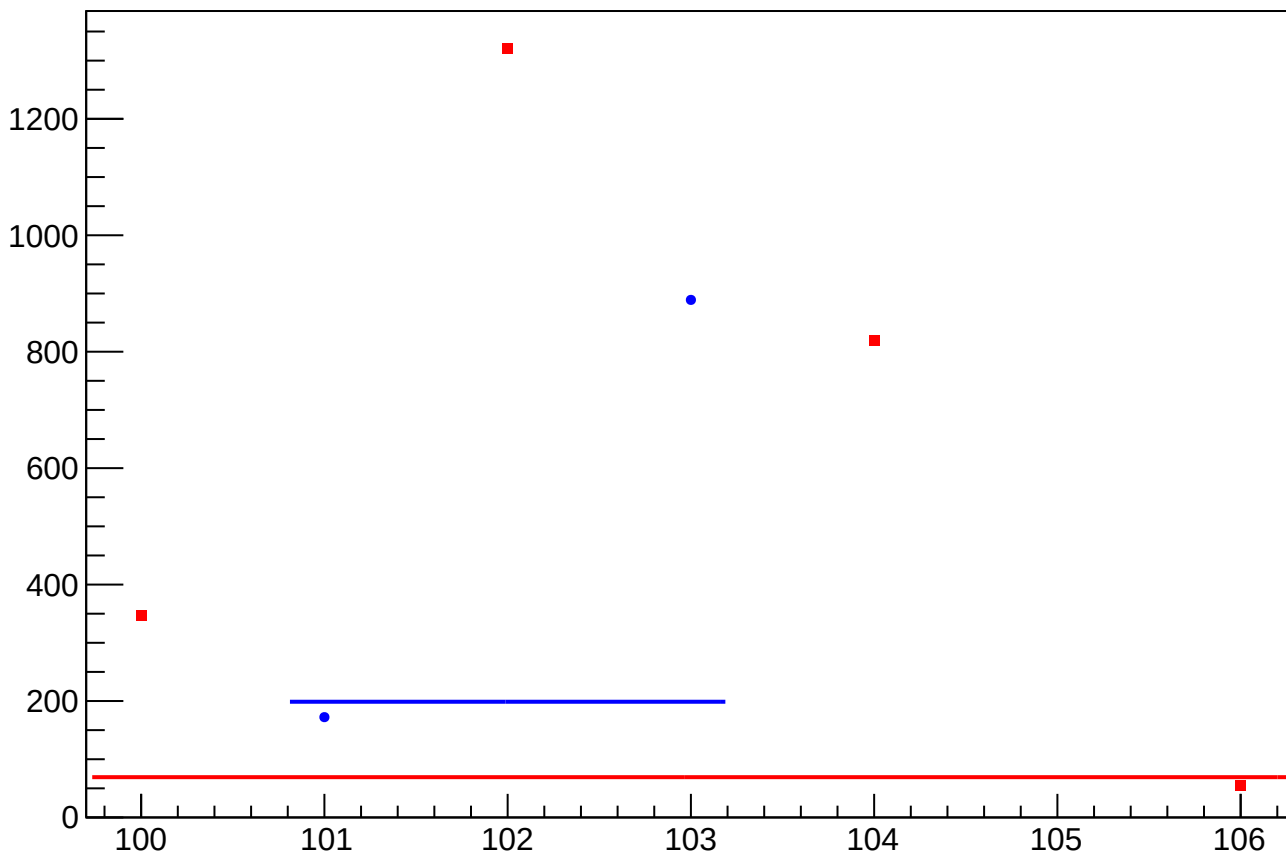
Right: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5

In: 0.379 $\pm$ 0.220 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.199 $\pm$ 0.103 χ^2 /NDF: 4.0/5

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.197+/-0.082 χ^2/NDF : 1690795.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

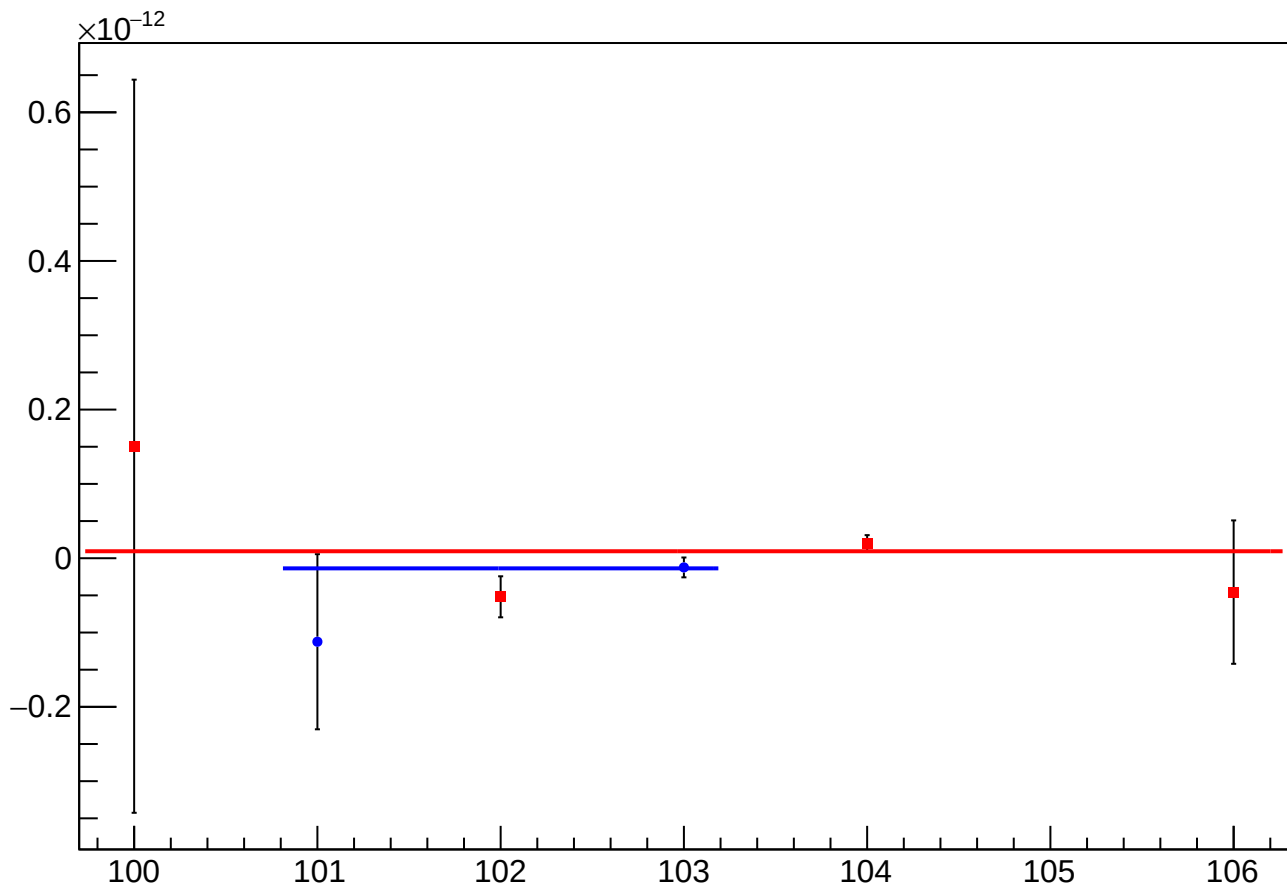
Right: 97.357+/-0.073 χ^2/NDF : 2986229.7/5

In: 198.757+/-0.156 χ^2/NDF : 753450.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.357+/-0.073 χ^2/NDF : 2986229.7/5

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

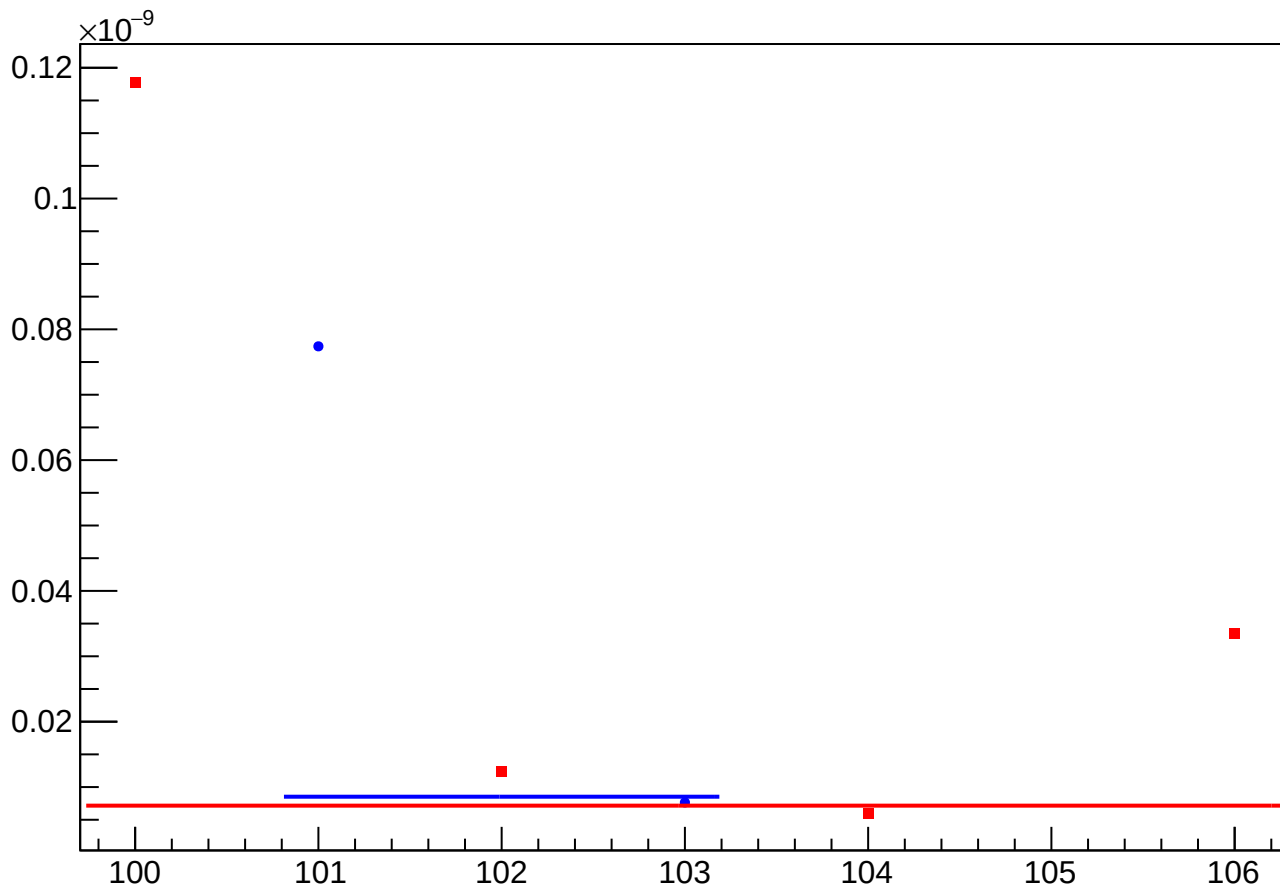
Right: 0.000+/-0.000 χ^2/NDF : 8.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/5

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 692037.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 344453.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

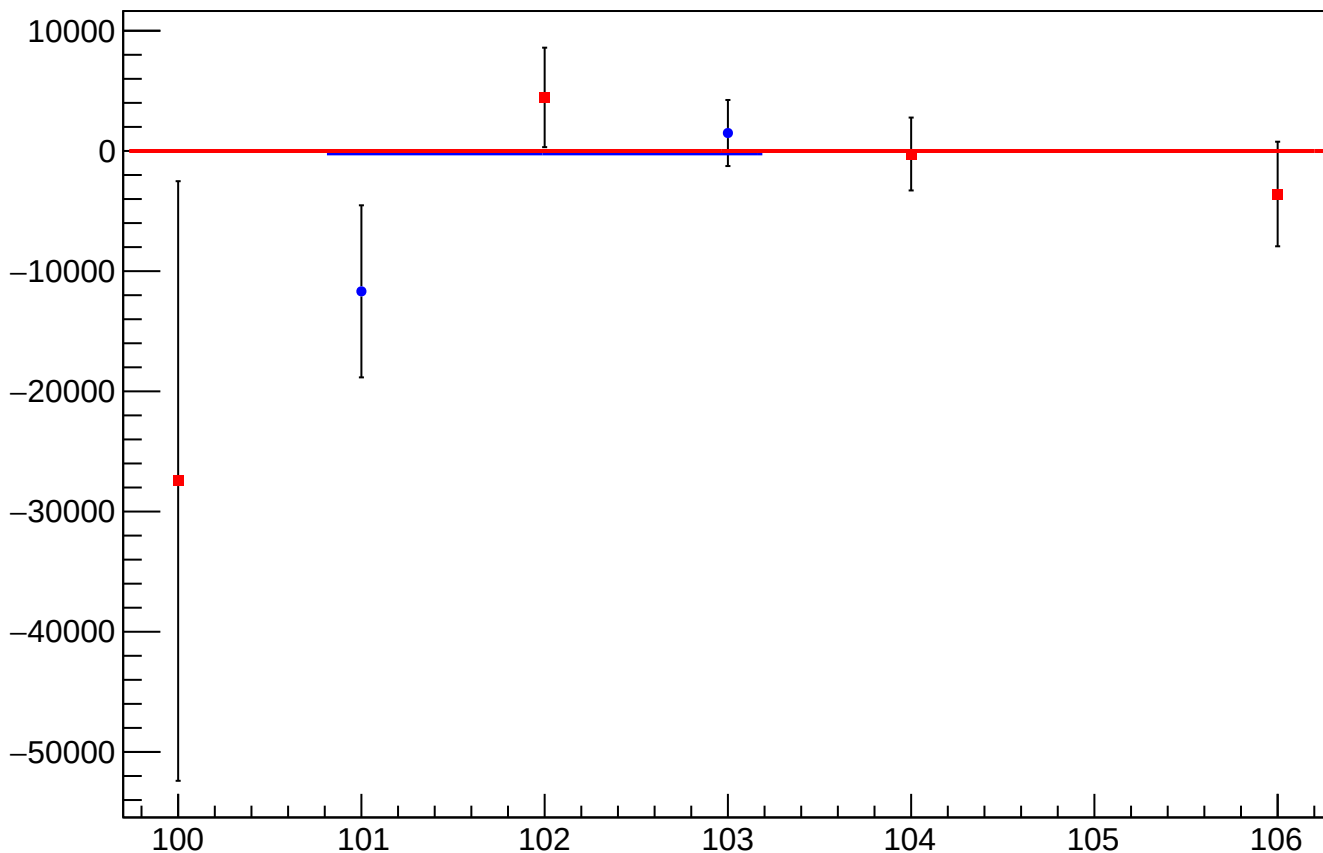
Right: 0.000+/-0.000 χ^2/NDF : 1049800.0/5

In: 0.000+/-0.000 χ^2/NDF : 692037.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1049800.0/5

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -199.935+/-2565.745 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.577+/-2124.207 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

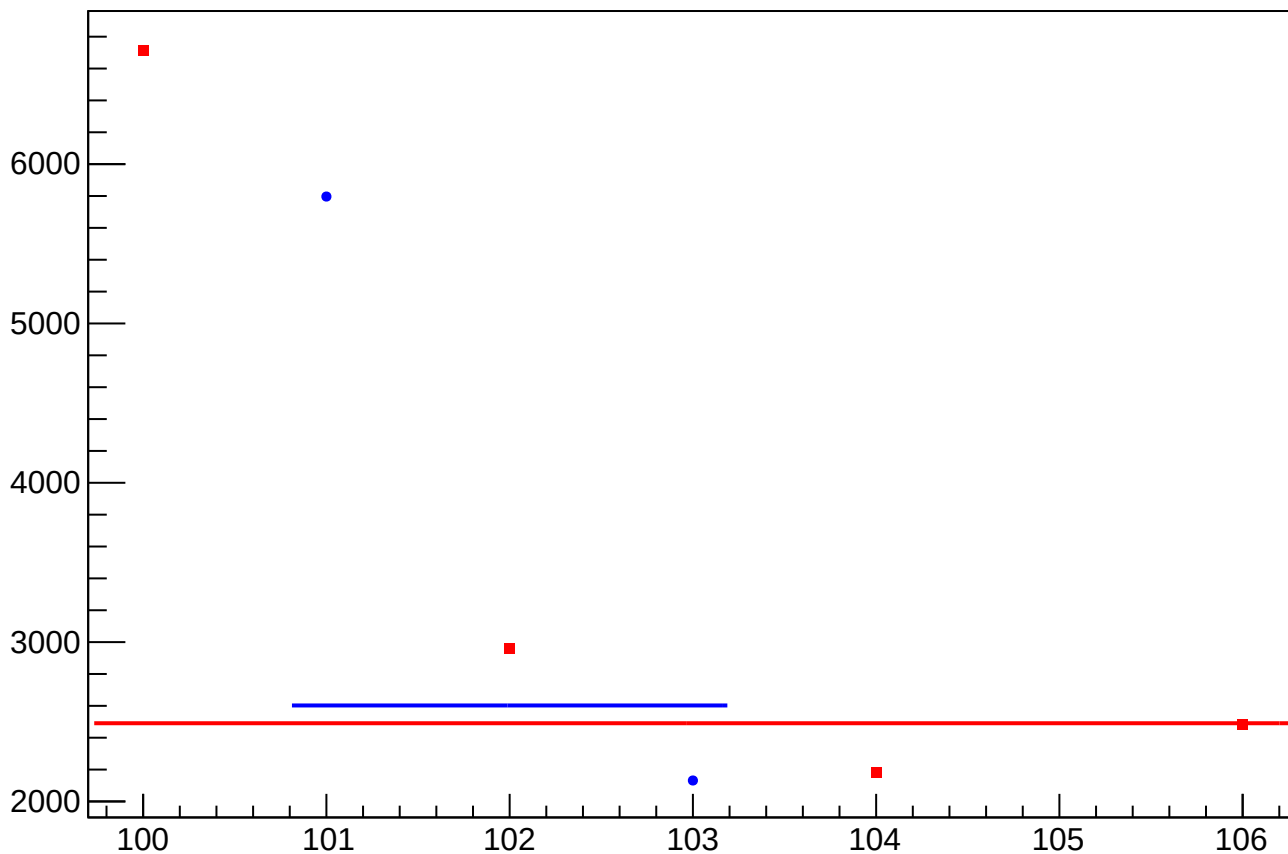
Right: -83.432+/-1636.216 χ^2/NDF : 6.0/5

In: -199.935+/-2565.745 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.432+/-1636.216 χ^2/NDF : 6.0/5

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.410+/-1.814 χ^2/NDF : 456990.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2490.843+/-1.502 χ^2/NDF : 103619.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

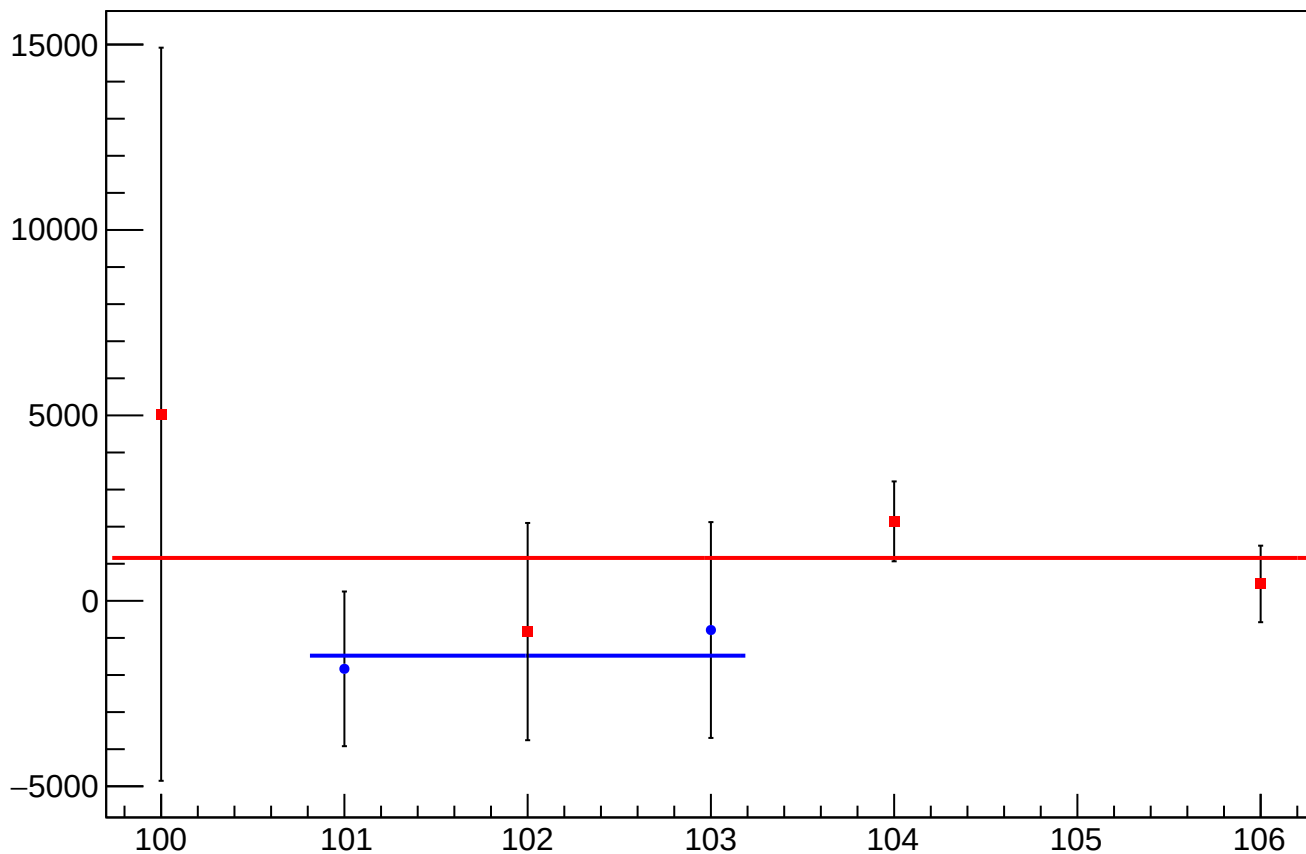
Right: 2536.214+/-1.157 χ^2/NDF : 562854.1/5

In: 2602.410+/-1.814 χ^2/NDF : 456990.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2536.214+/-1.157 χ^2/NDF : 562854.1/5

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1478.369+/-1695.052 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.756+/-720.184 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

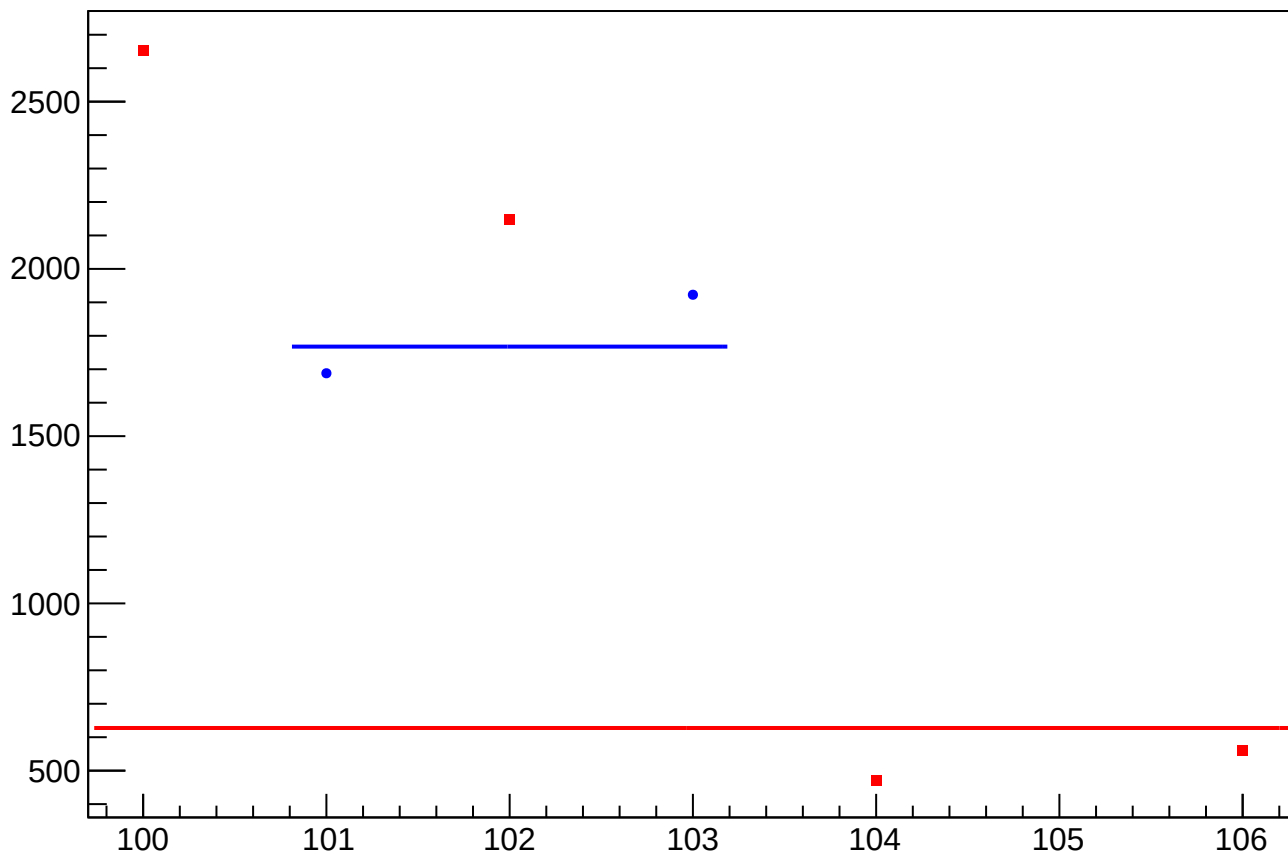
Right: 753.807+/-662.838 χ^2/NDF : 4.0/5

In: -1478.369+/-1695.052 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 753.807+/-662.838 χ^2/NDF : 4.0/5

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1767.685 $\pm$ 1.199 χ^2 /NDF: 8596.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 627.566 $\pm$ 0.509 χ^2 /NDF: 673034.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

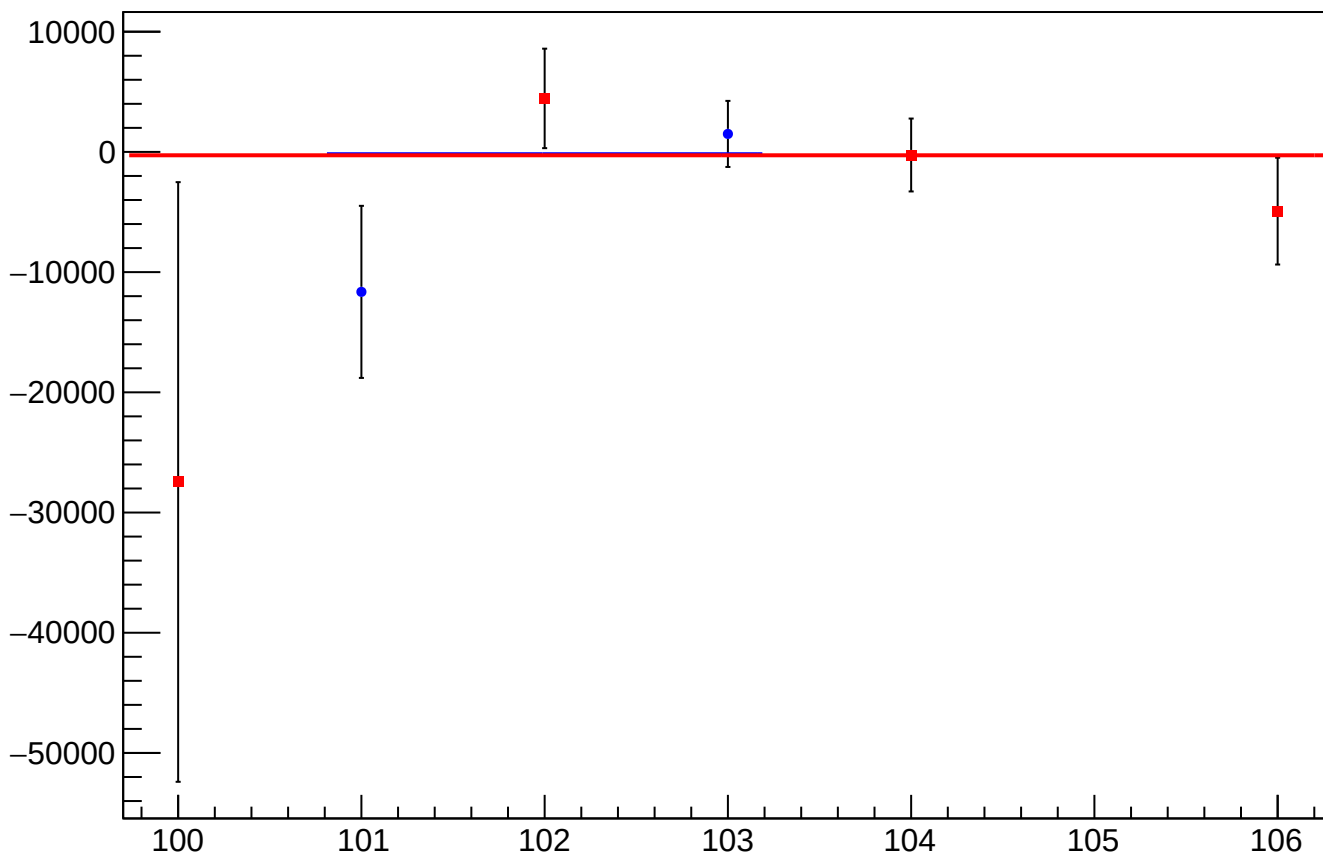
Right: 801.907 $\pm$ 0.469 χ^2 /NDF: 1448093.8/5

In: 1767.685 $\pm$ 1.199 χ^2 /NDF:8596.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 801.907 $\pm$ 0.469 χ^2 /NDF: 1448093.8/5

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -192.010 $\pm$ 2565.749 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -280.131 $\pm$ 2134.791 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

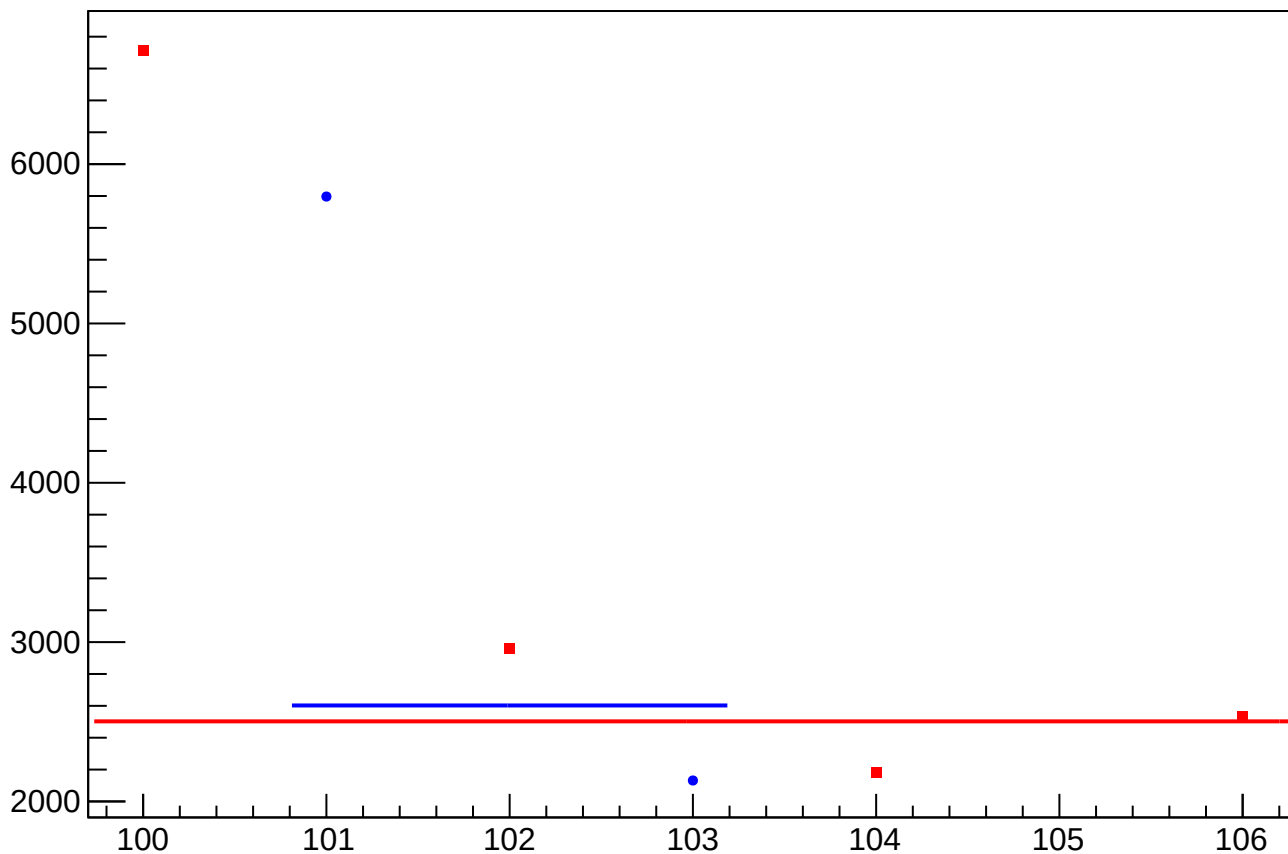
Right: -244.082 $\pm$ 1641.040 χ^2 /NDF: 6.5/5

In: -192.010 $\pm$ 2565.749 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -244.082 $\pm$ 1641.040 χ^2 /NDF: 6.5/5

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2502.615+/-1.509 χ^2/NDF : 103746.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

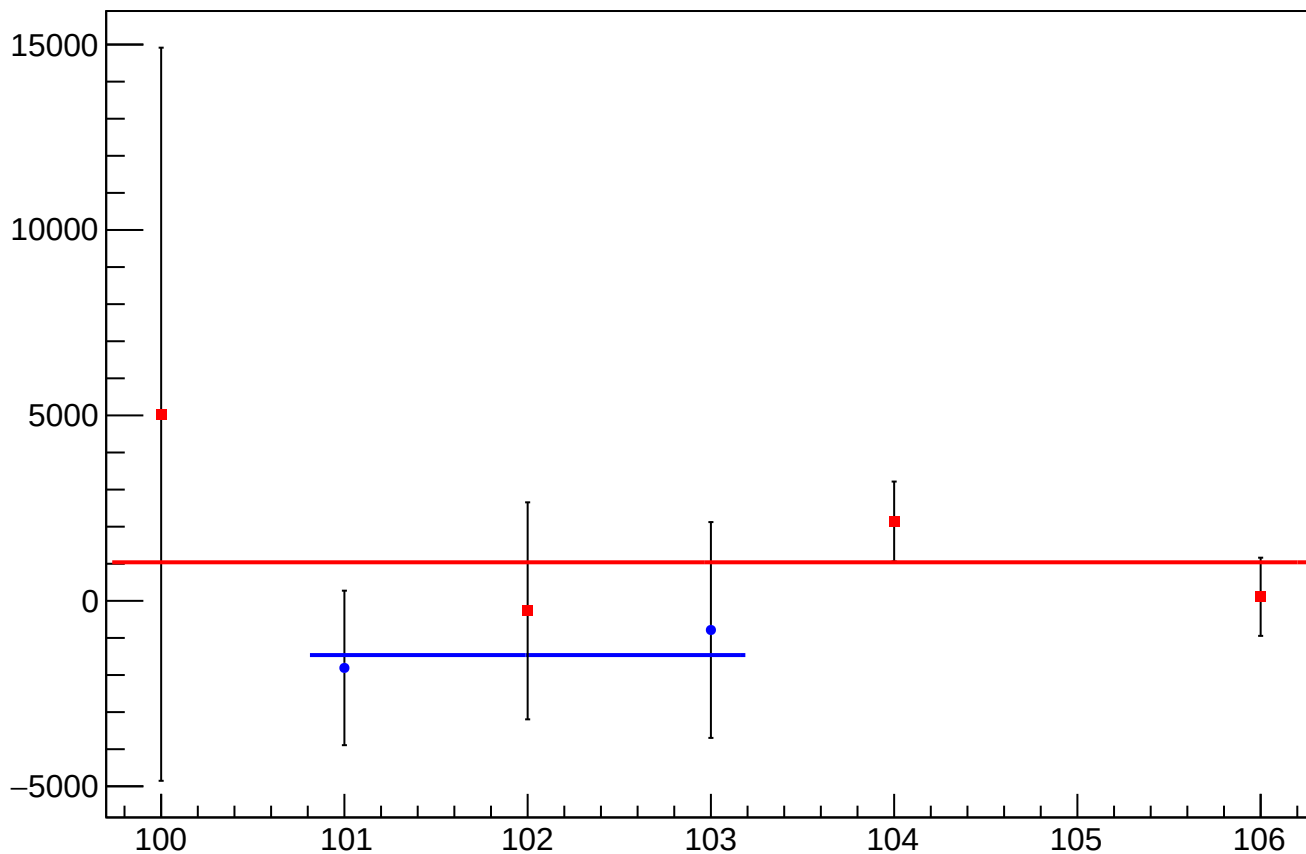
Right: 2543.439+/-1.160 χ^2/NDF : 562525.7/5

In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.439+/-1.160 χ^2/NDF : 562525.7/5

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.456+/-727.538 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

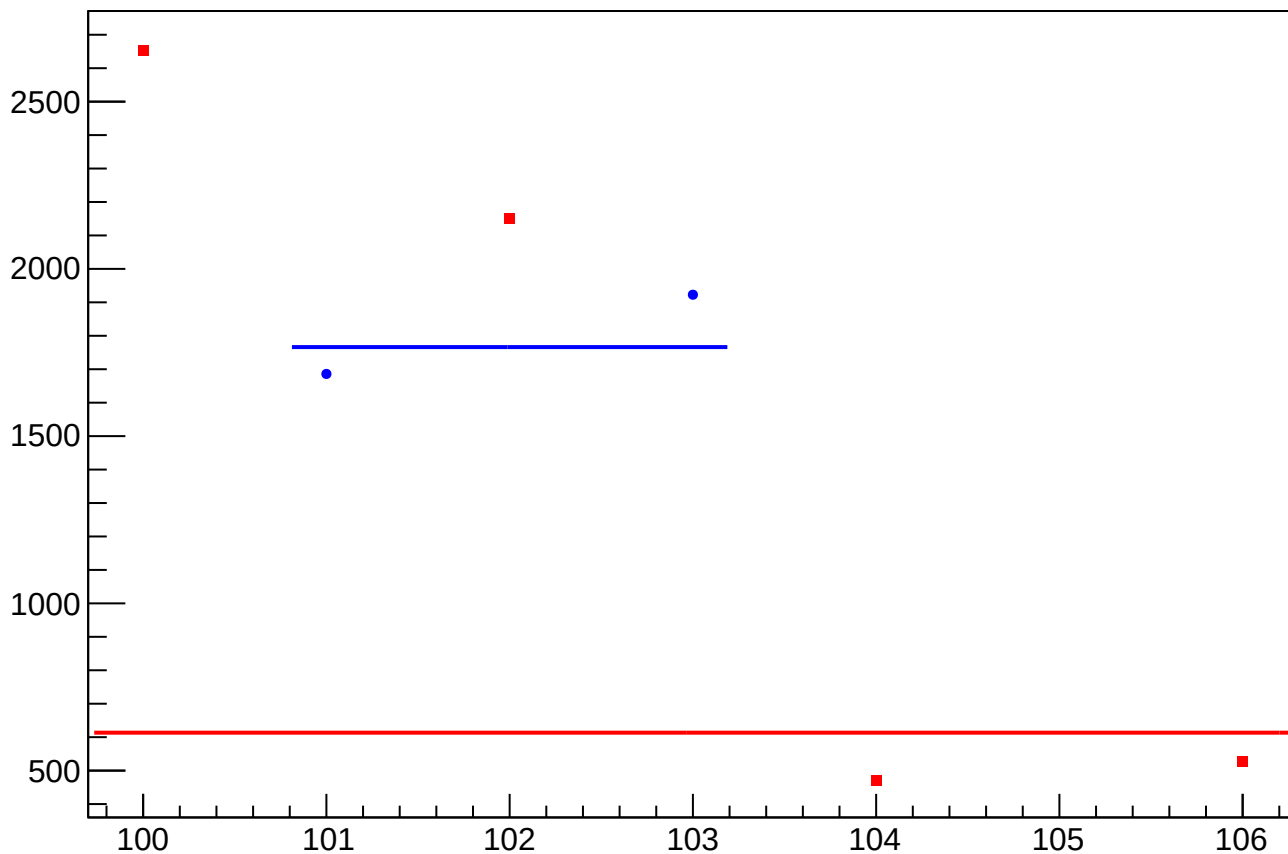
Right: 649.787+/-668.475 χ^2/NDF : 4.1/5

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.787+/-668.475 χ^2/NDF : 4.1/5

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 613.423+/-0.514 χ^2/NDF : 685176.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

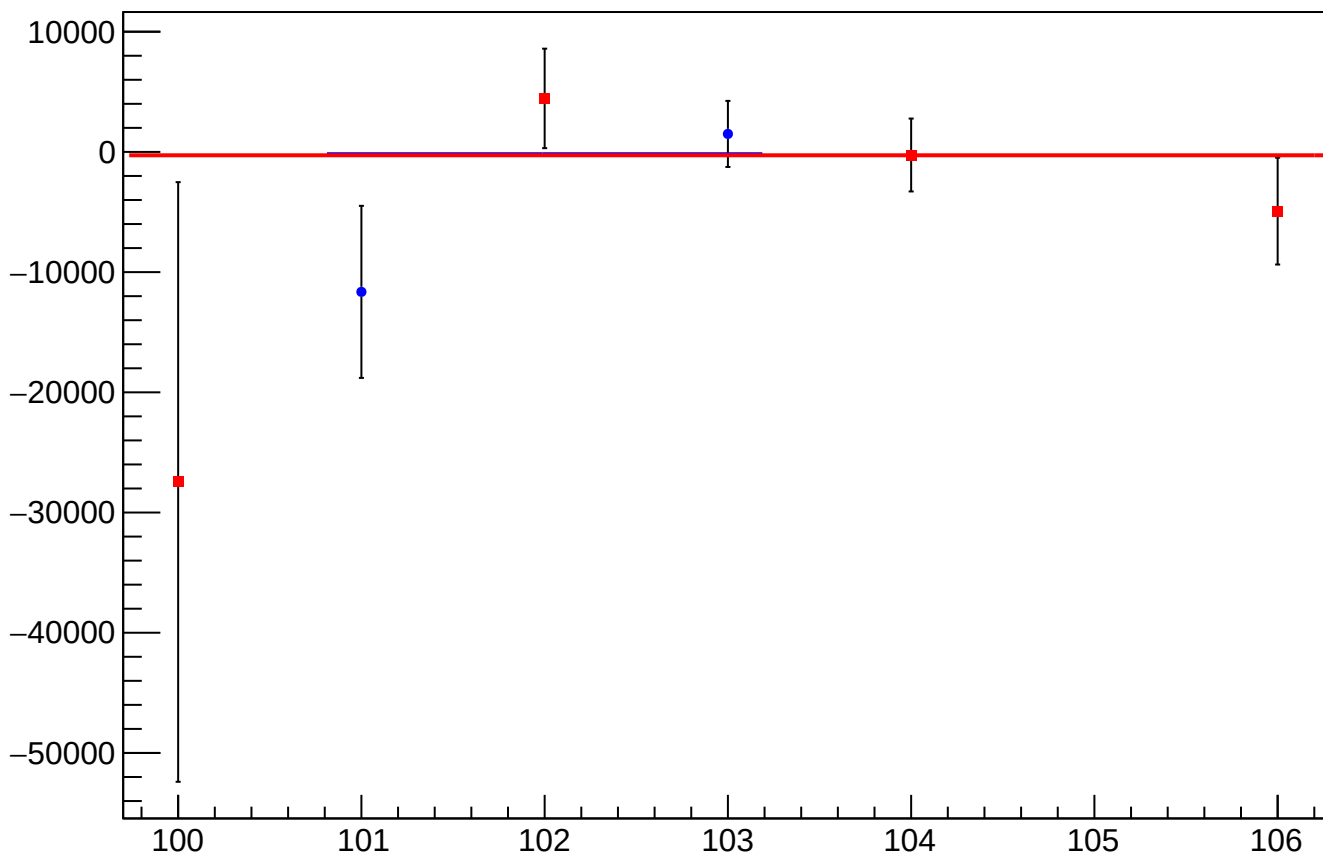
Right: 792.997+/-0.473 χ^2/NDF : 1476113.5/5

In: 1766.199+/-1.198 χ^2/NDF :8758.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 792.997+/-0.473 χ^2/NDF : 1476113.5/5

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -280.131+/-2134.791 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

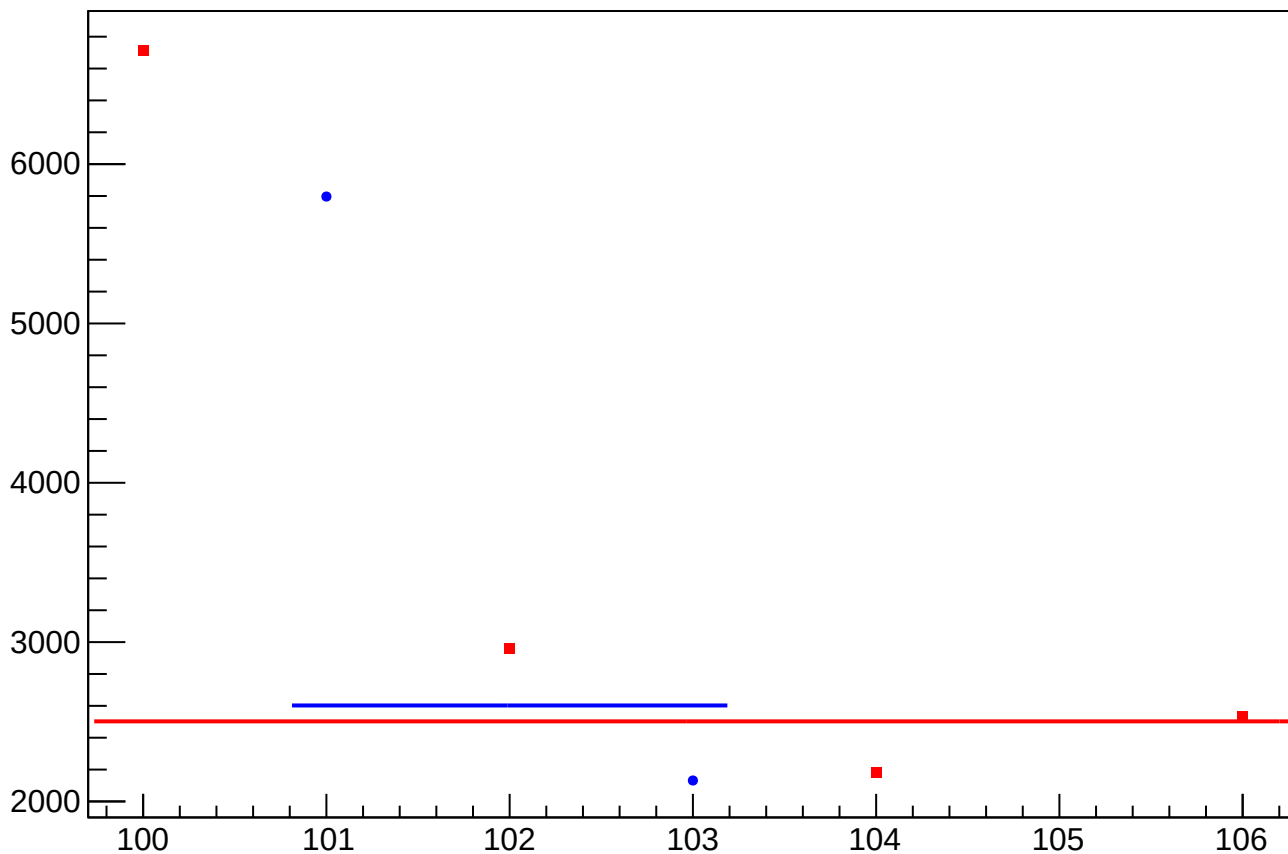
Right: -244.082+/-1641.040 χ^2/NDF : 6.5/5

In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.082+/-1641.040 χ^2/NDF : 6.5/5

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2502.615+/-1.509 χ^2/NDF : 103746.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

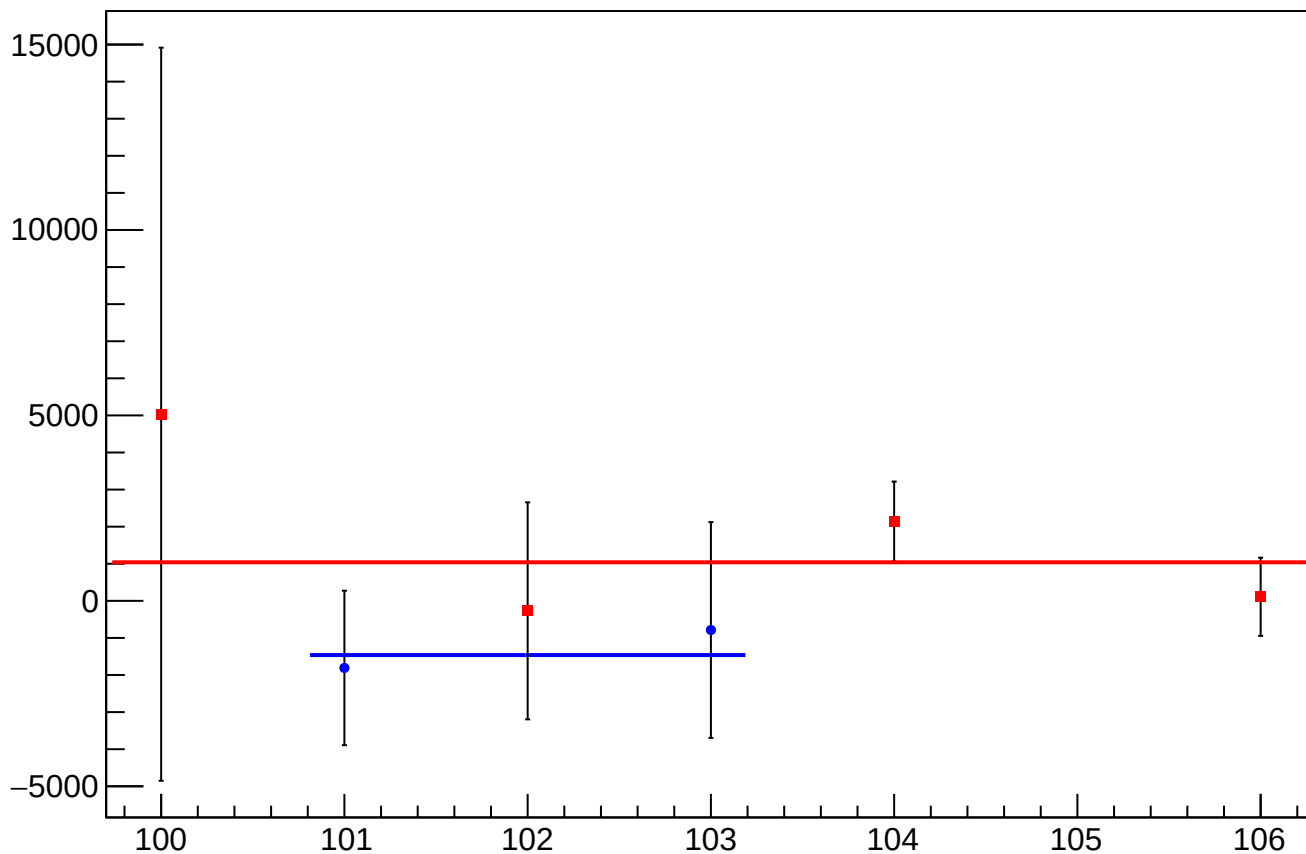
Right: 2543.439+/-1.160 χ^2/NDF : 562525.7/5

In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2543.439+/-1.160 χ^2/NDF : 562525.7/5

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.456+/-727.538 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

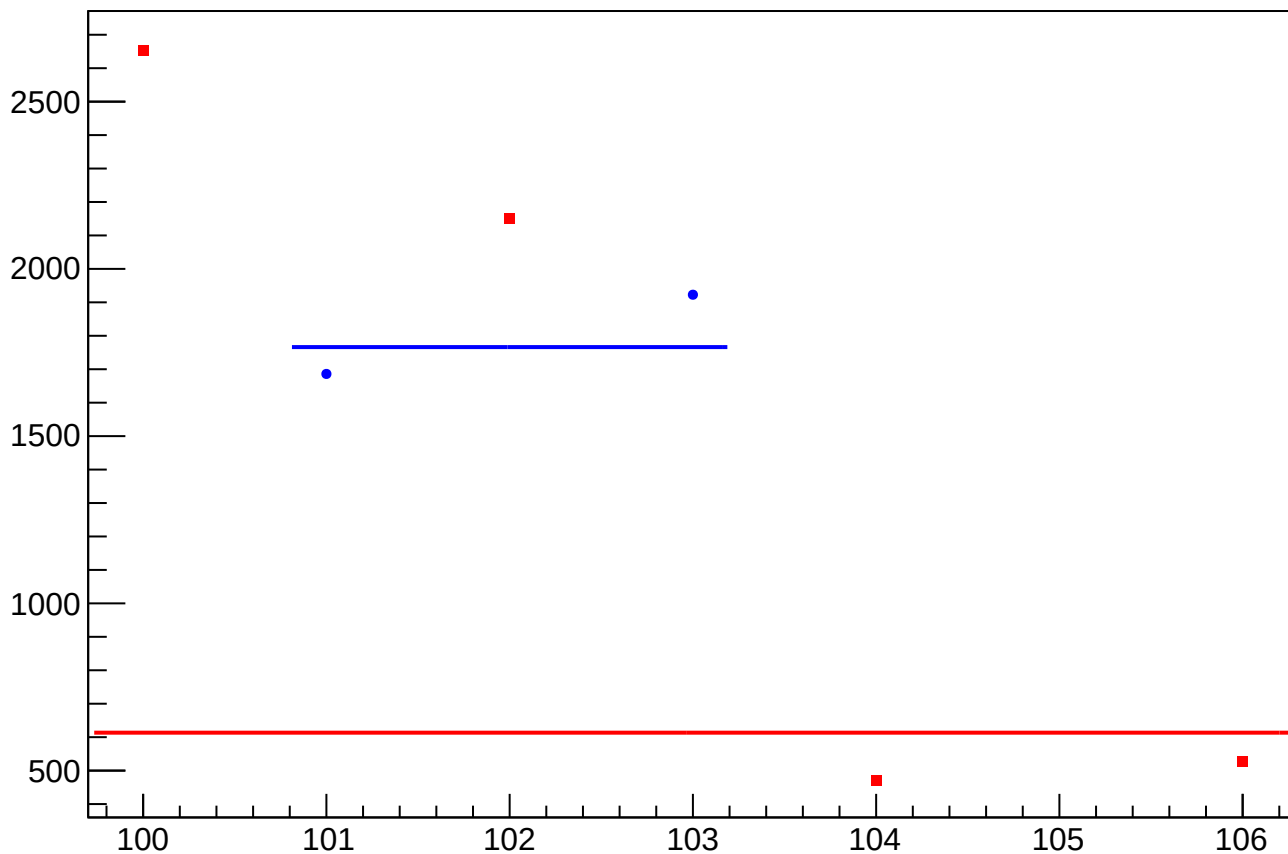
Right: 649.787+/-668.475 χ^2/NDF : 4.1/5

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.787+/-668.475 χ^2/NDF : 4.1/5

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 613.423+/-0.514 χ^2/NDF : 685176.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

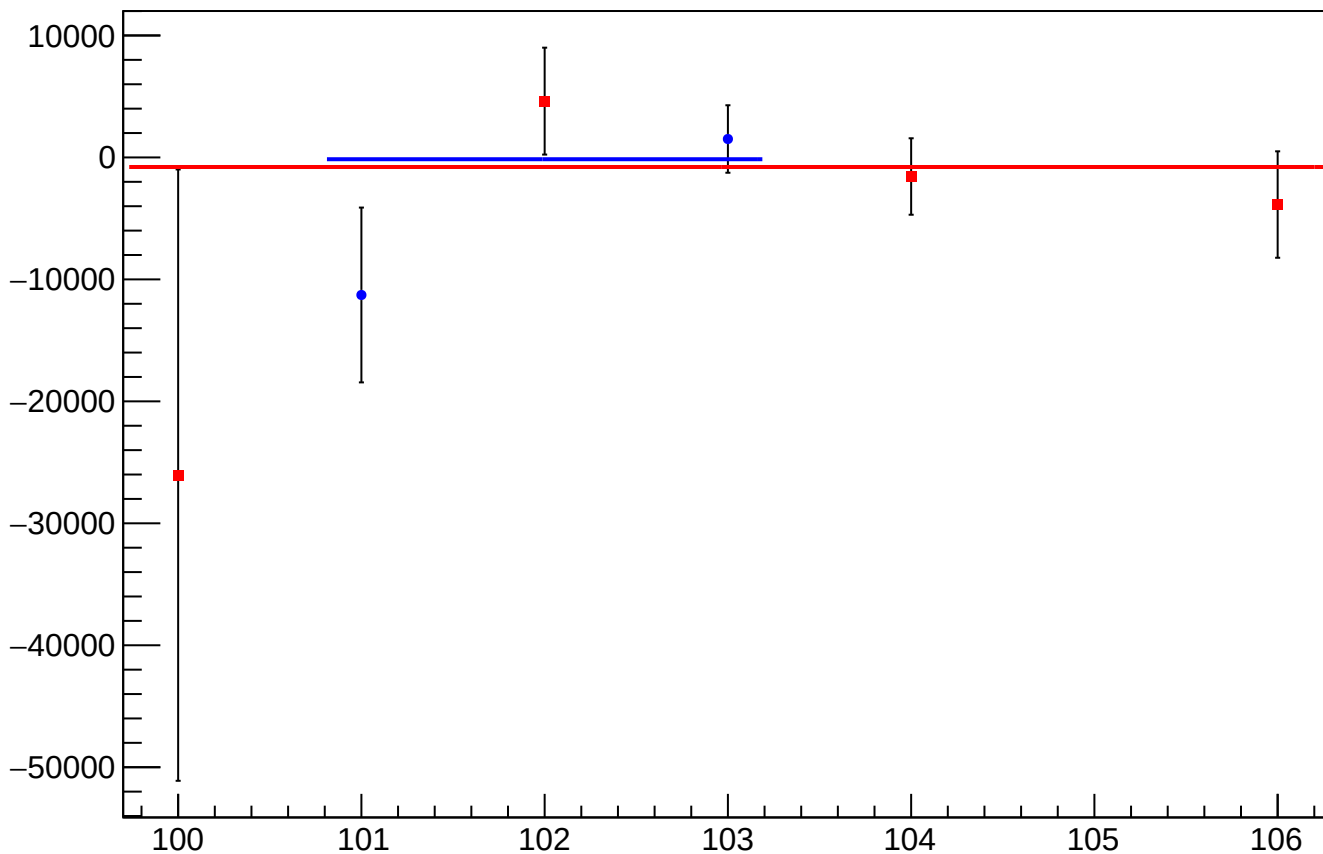
Right: 792.997+/-0.473 χ^2/NDF : 1476113.5/5

In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.997+/-0.473 χ^2/NDF : 1476113.5/5

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -147.268 $\pm$ 2580.993 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -784.370 $\pm$ 2193.074 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

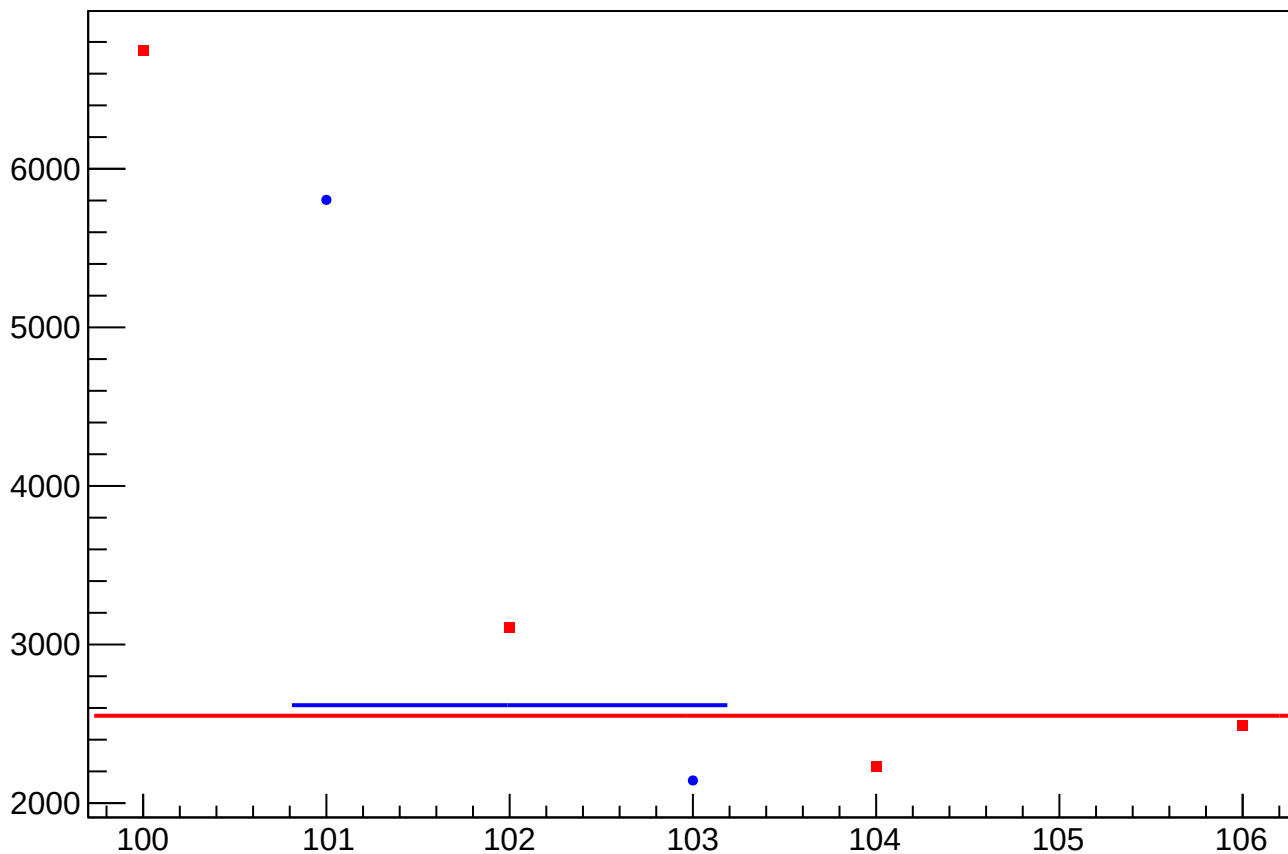
Right: -517.248 $\pm$ 1671.235 χ^2 /NDF: 5.9/5

In: -147.268 $\pm$ 2580.993 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -517.248 $\pm$ 1671.235 χ^2 /NDF: 5.9/5

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2617.425+/-1.825 χ^2/NDF : 454296.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2550.862+/-1.551 χ^2/NDF : 109890.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

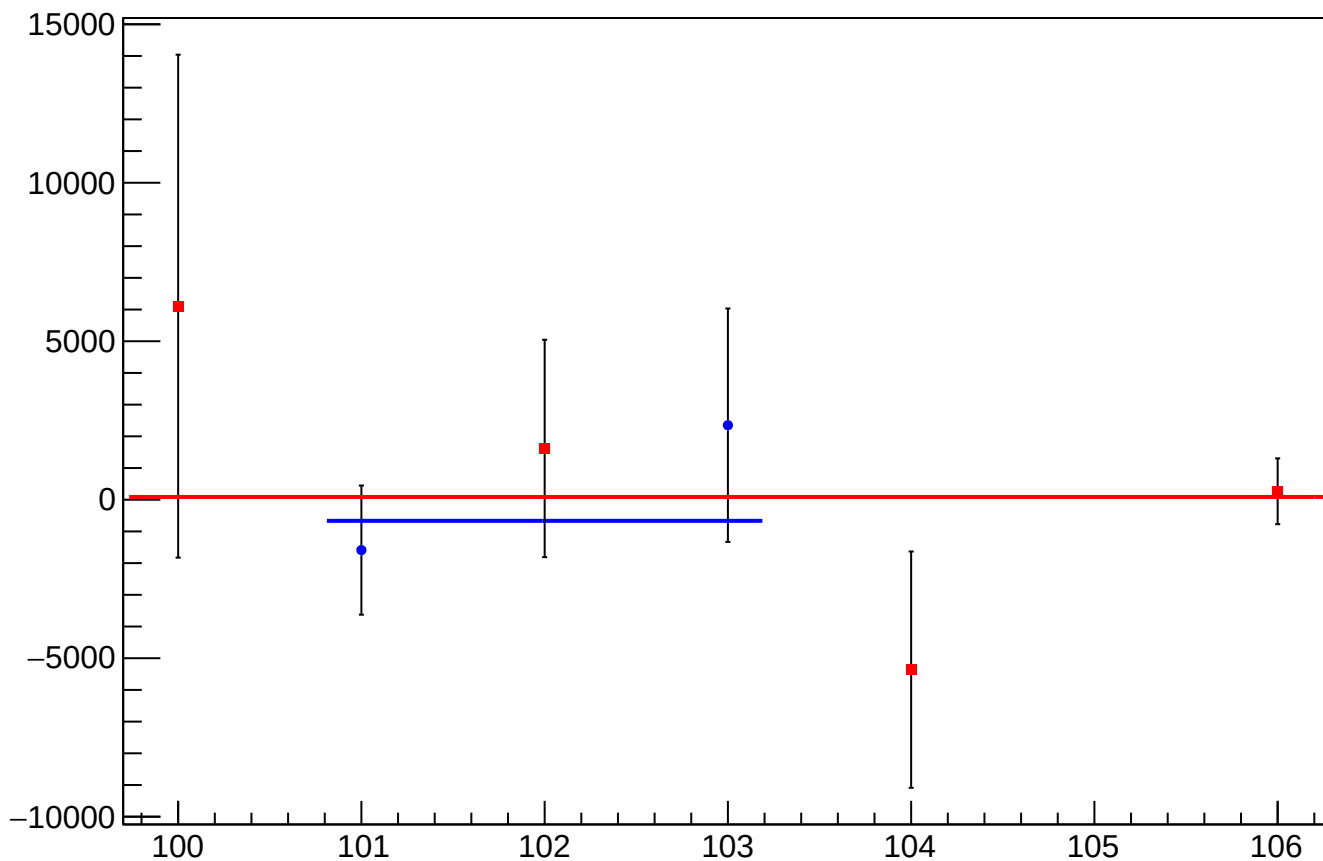
Right: 2578.770+/-1.182 χ^2/NDF : 564959.5/5

In: 2617.425+/-1.825 χ^2/NDF : 454296.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.770+/-1.182 χ^2/NDF : 564959.5/5

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -665.655+/-1782.926 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.841+/-952.874 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

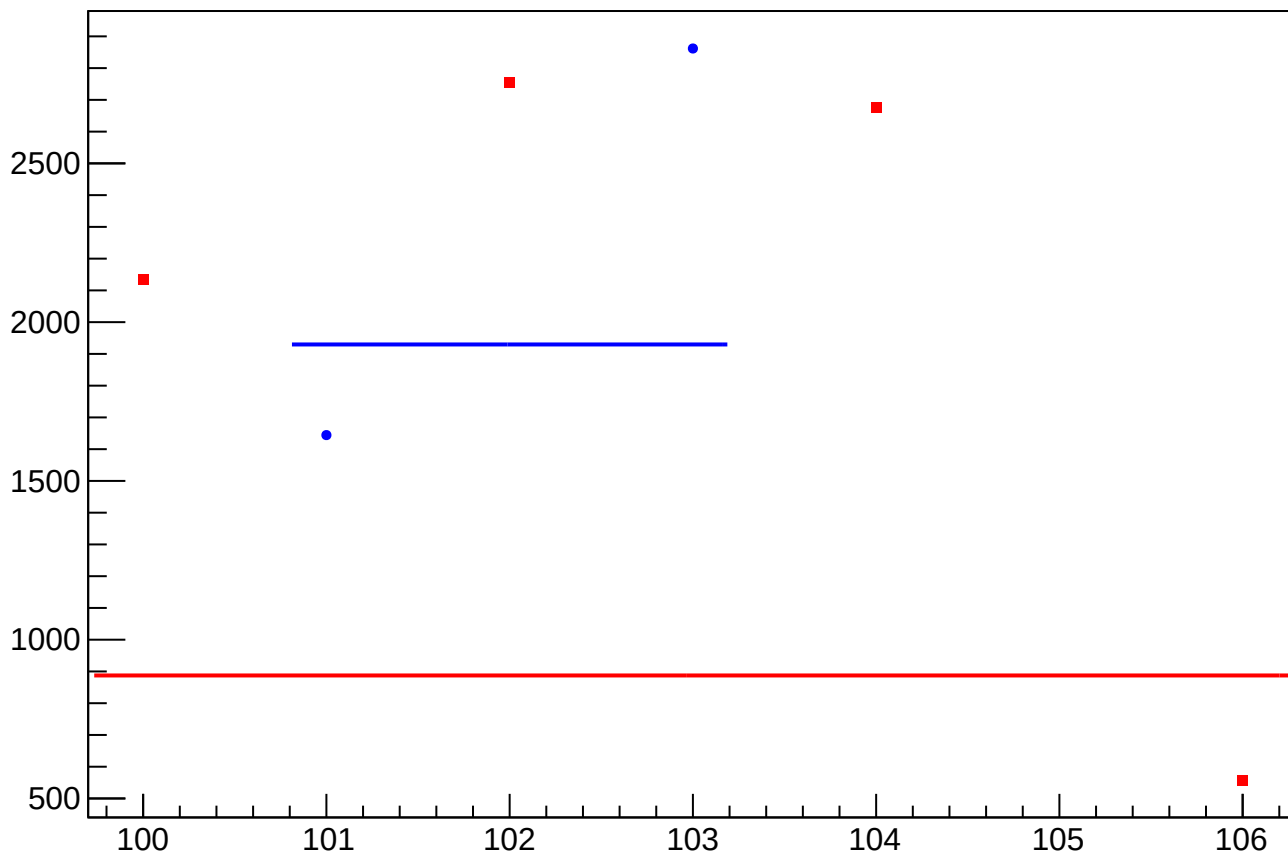
Right: -79.565+/-840.383 χ^2/NDF : 4.0/5

In: -665.655+/-1782.926 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.565+/-840.383 χ^2/NDF : 4.0/5

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1929.740 $\pm$ 1.261 χ^2 /NDF: 167357.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 887.363 $\pm$ 0.674 χ^2 /NDF: 1306282.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

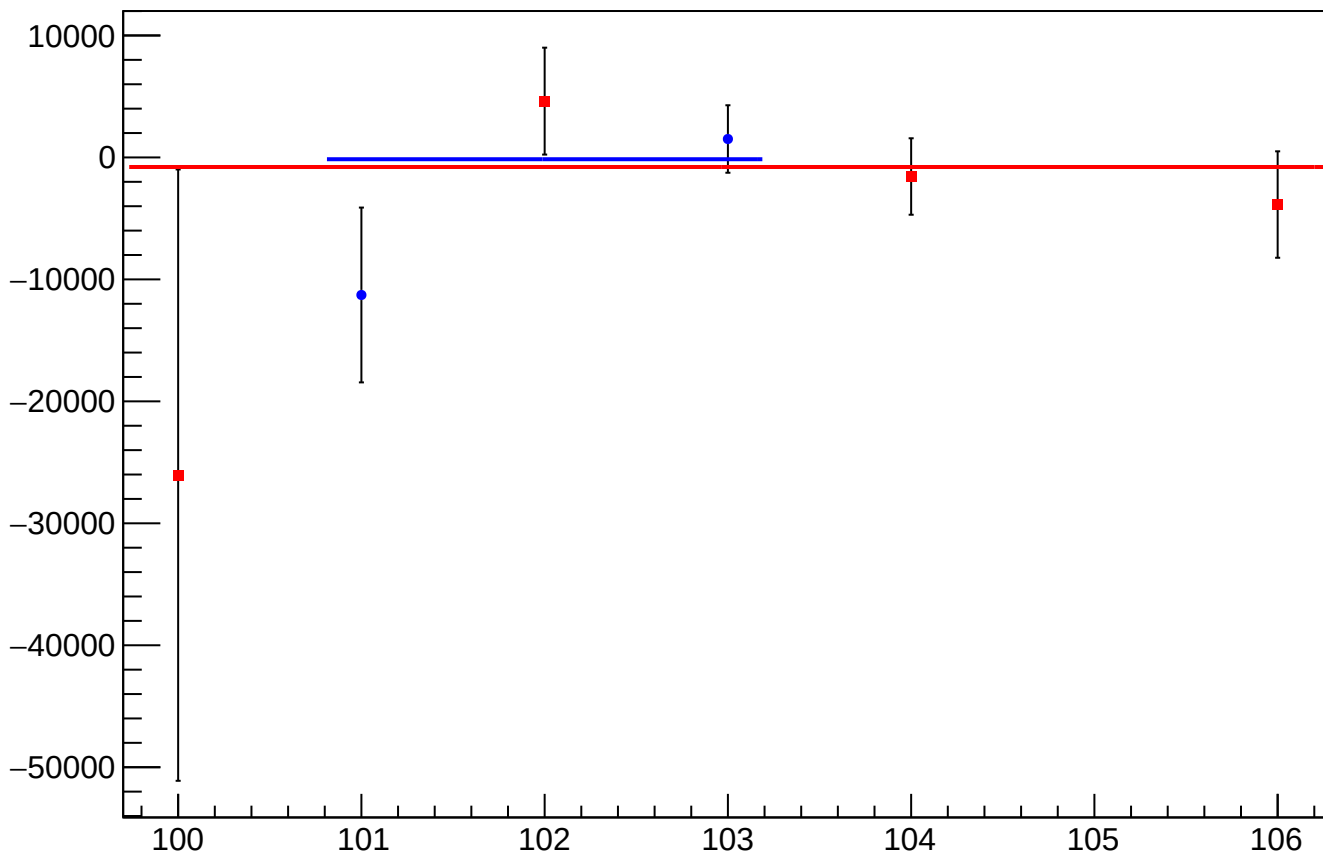
Right: 1118.949 $\pm$ 0.594 χ^2 /NDF: 2005377.3/5

In: 1929.740 $\pm$ 1.261 χ^2 /NDF:167357.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1118.949 $\pm$ 0.594 χ^2 /NDF: 2005377.3/5

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -784.367+/-2193.074 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

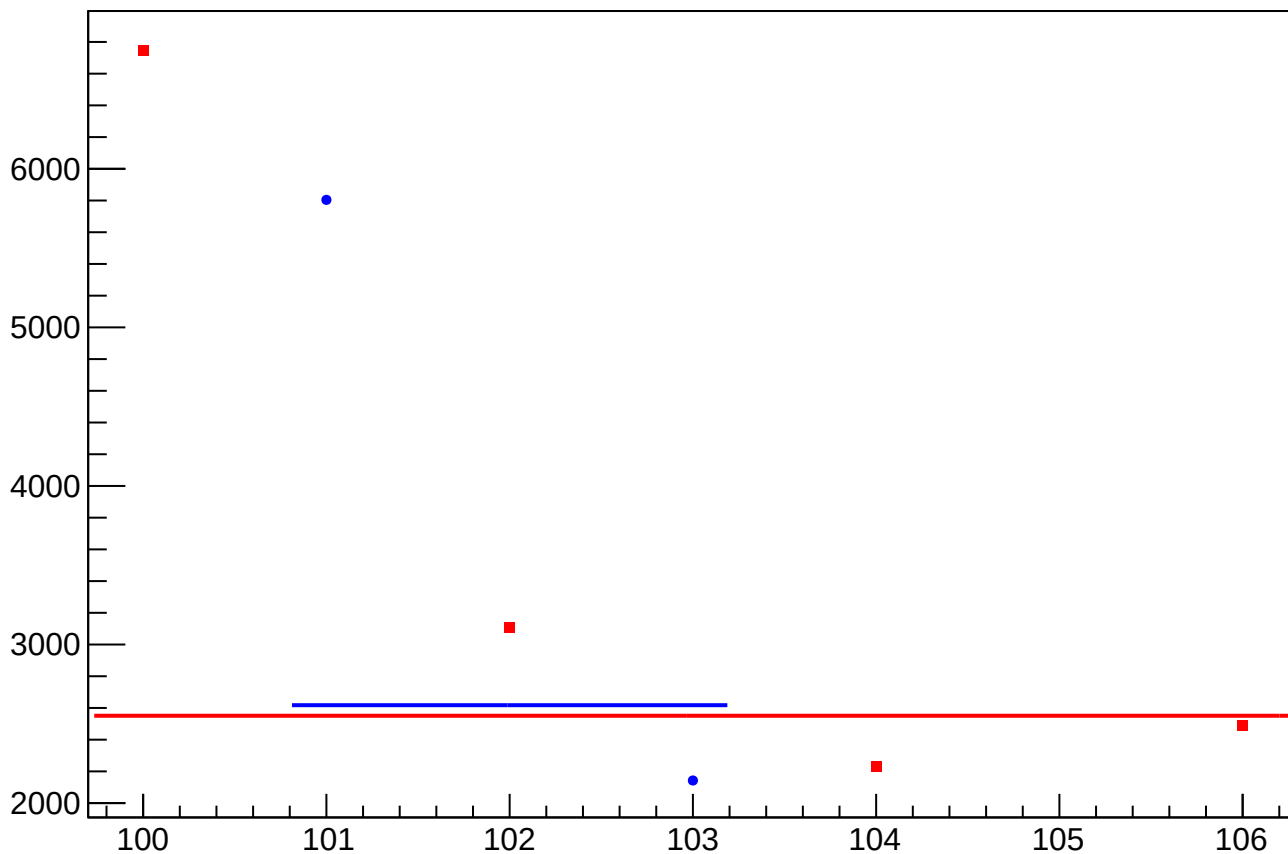
Right: -517.246+/-1671.235 χ^2/NDF : 5.9/5

In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.246+/-1671.235 χ^2/NDF : 5.9/5

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2617.425+/-1.825 χ^2/NDF : 454296.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2550.862+/-1.551 χ^2/NDF : 109890.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

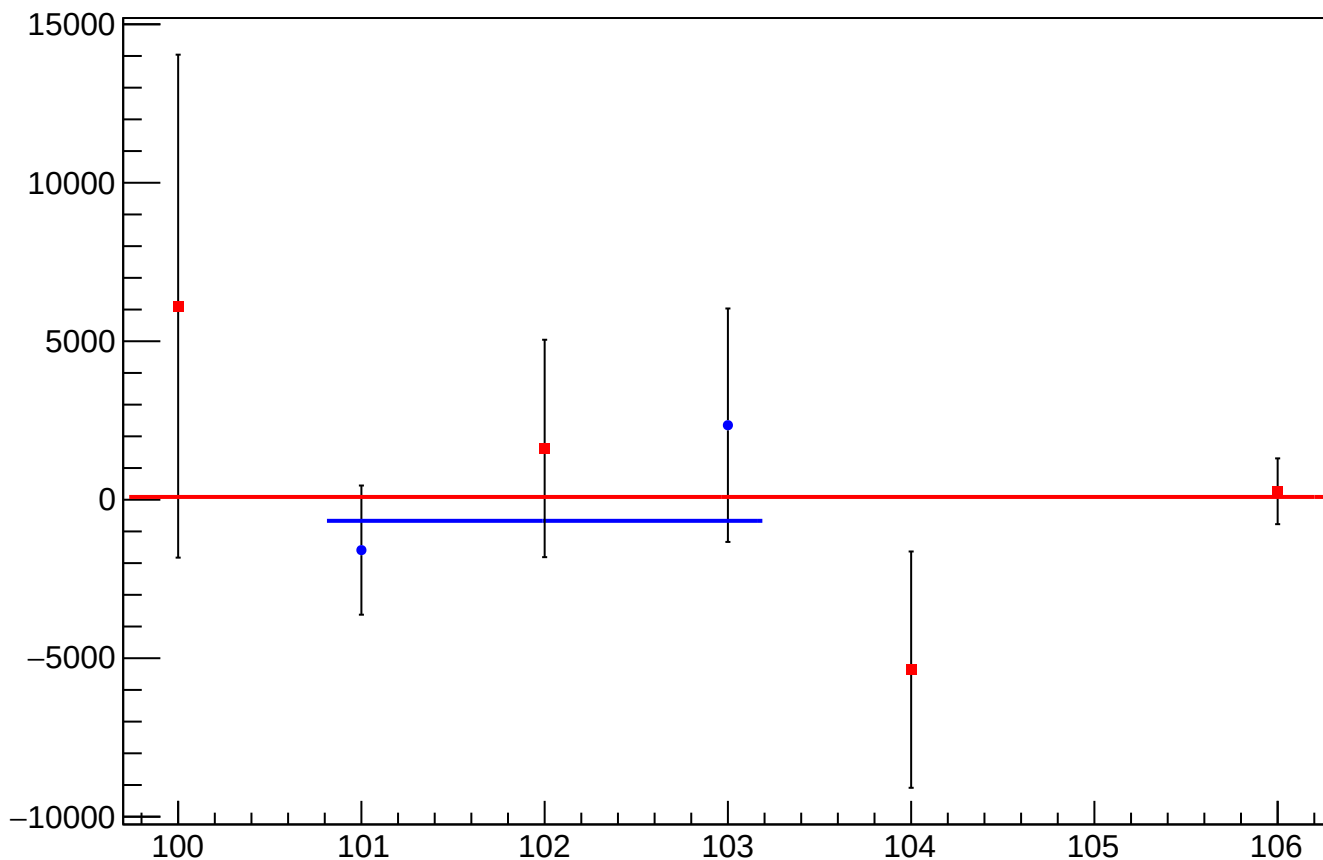
Right: 2578.769+/-1.182 χ^2/NDF : 564959.5/5

In: 2617.425+/-1.825 χ^2/NDF : 454296.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2578.769+/-1.182 χ^2/NDF : 564959.5/5

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -665.660+/-1782.927 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.849+/-952.876 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

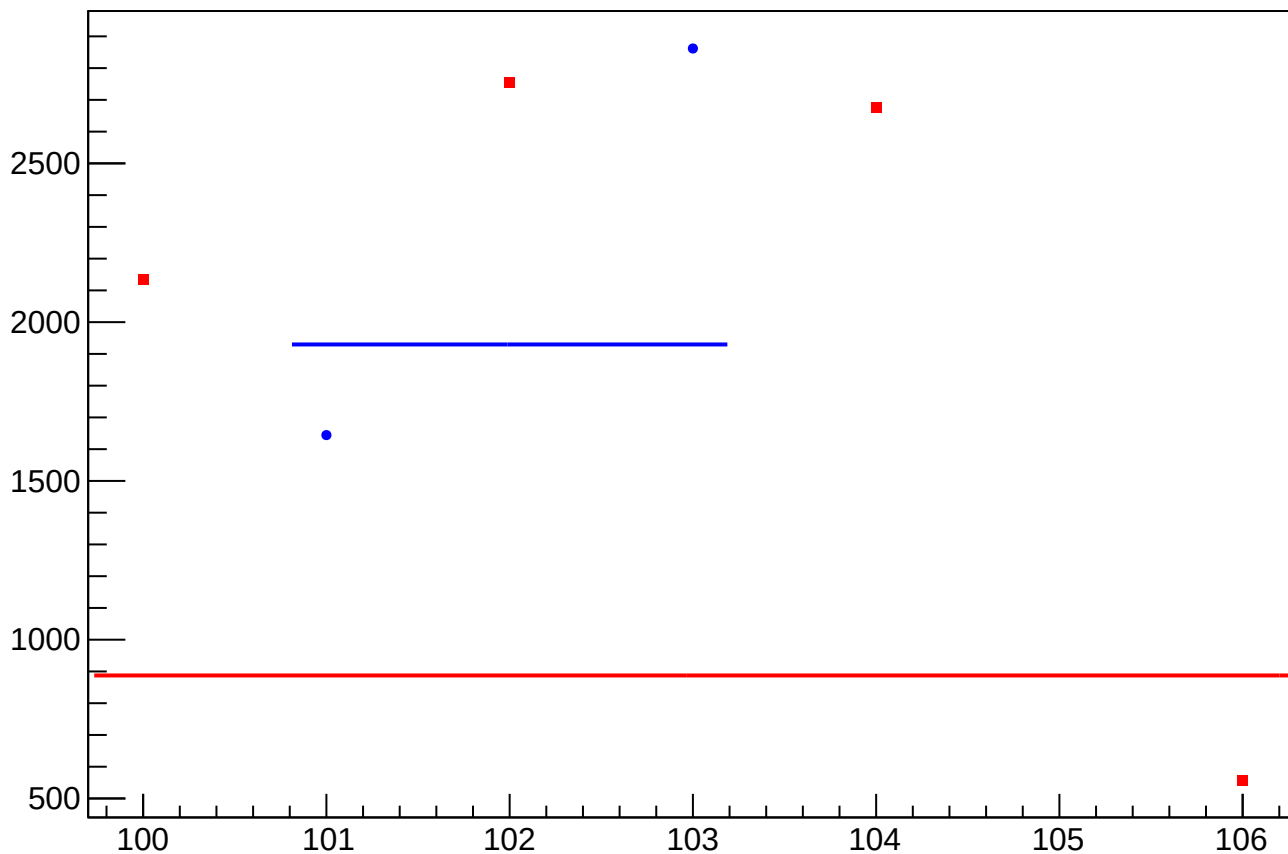
Right: -79.560+/-840.385 χ^2/NDF : 4.0/5

In: -665.660+/-1782.927 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.560+/-840.385 χ^2/NDF : 4.0/5

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1929.741+/-1.261 χ^2/NDF : 167357.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 887.366+/-0.674 χ^2/NDF : 1306280.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

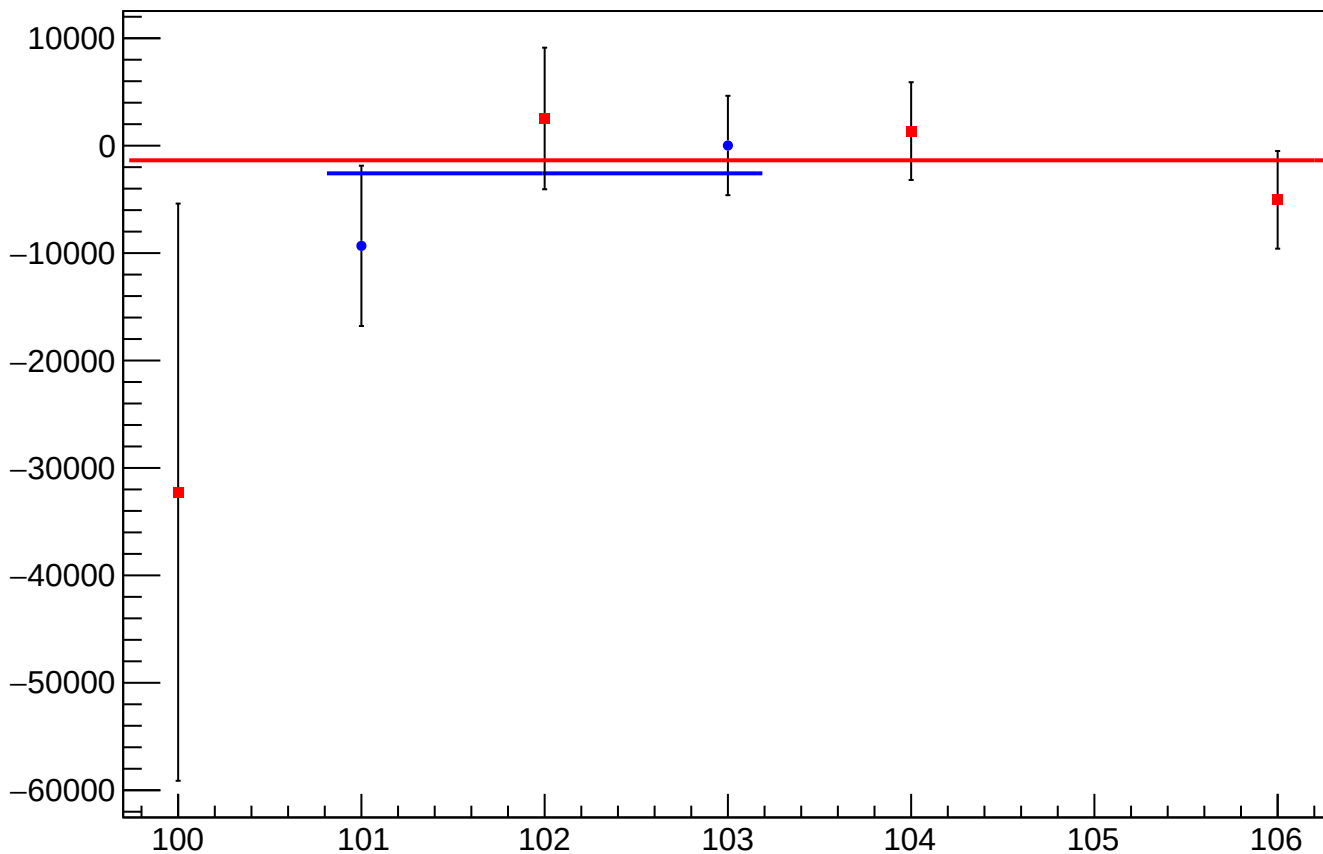
Right: 1118.952+/-0.594 χ^2/NDF : 2005372.4/5

In: 1929.741+/-1.261 χ^2/NDF : 167357.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.952+/-0.594 χ^2/NDF : 2005372.4/5

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2576.966 $\pm$ 3931.927 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1361.530 $\pm$ 2873.412 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

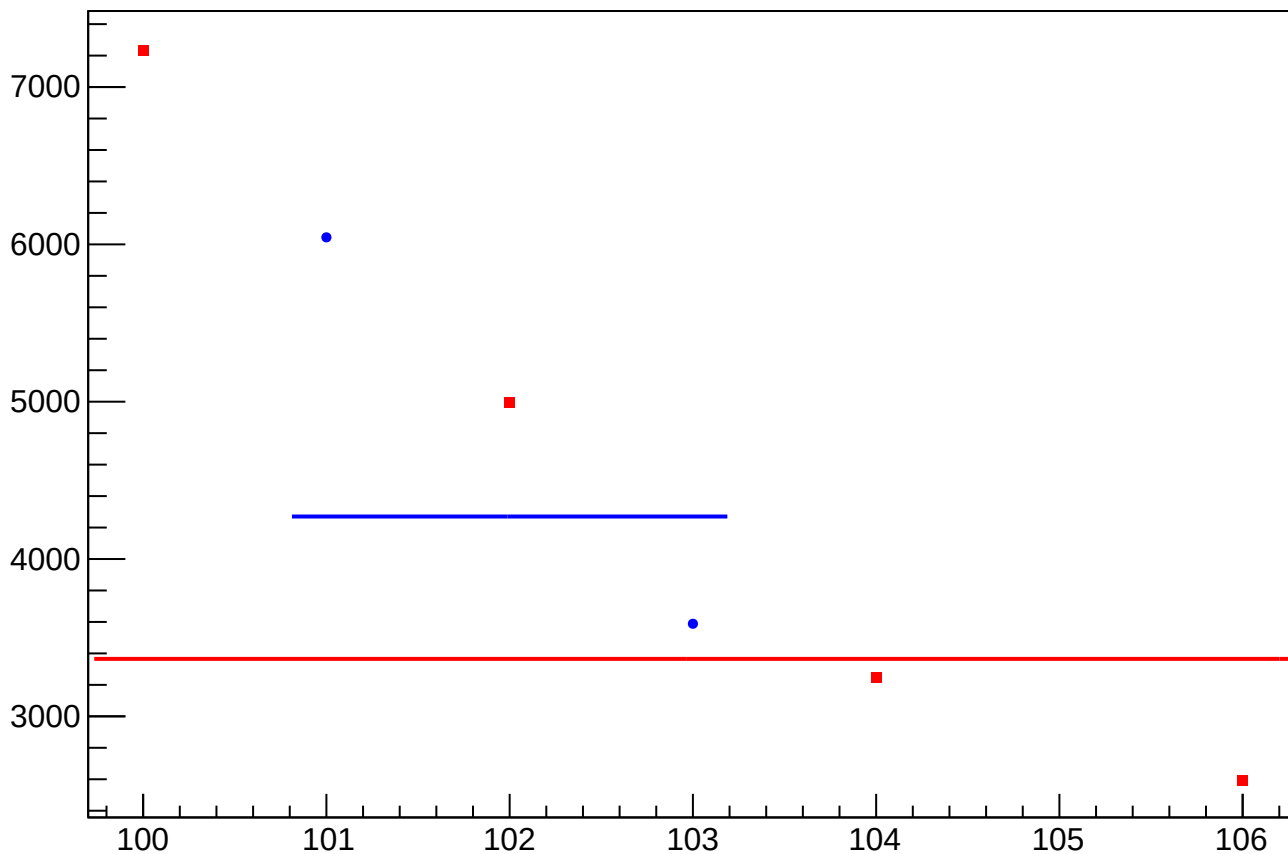
Right: -1784.663 $\pm$ 2319.945 χ^2 /NDF: 3.9/5

In: -2576.966 $\pm$ 3931.927 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1784.663 $\pm$ 2319.945 χ^2 /NDF: 3.9/5

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 4270.178+/-2.780 χ^2/NDF : 156517.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3365.180+/-2.032 χ^2/NDF : 223099.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

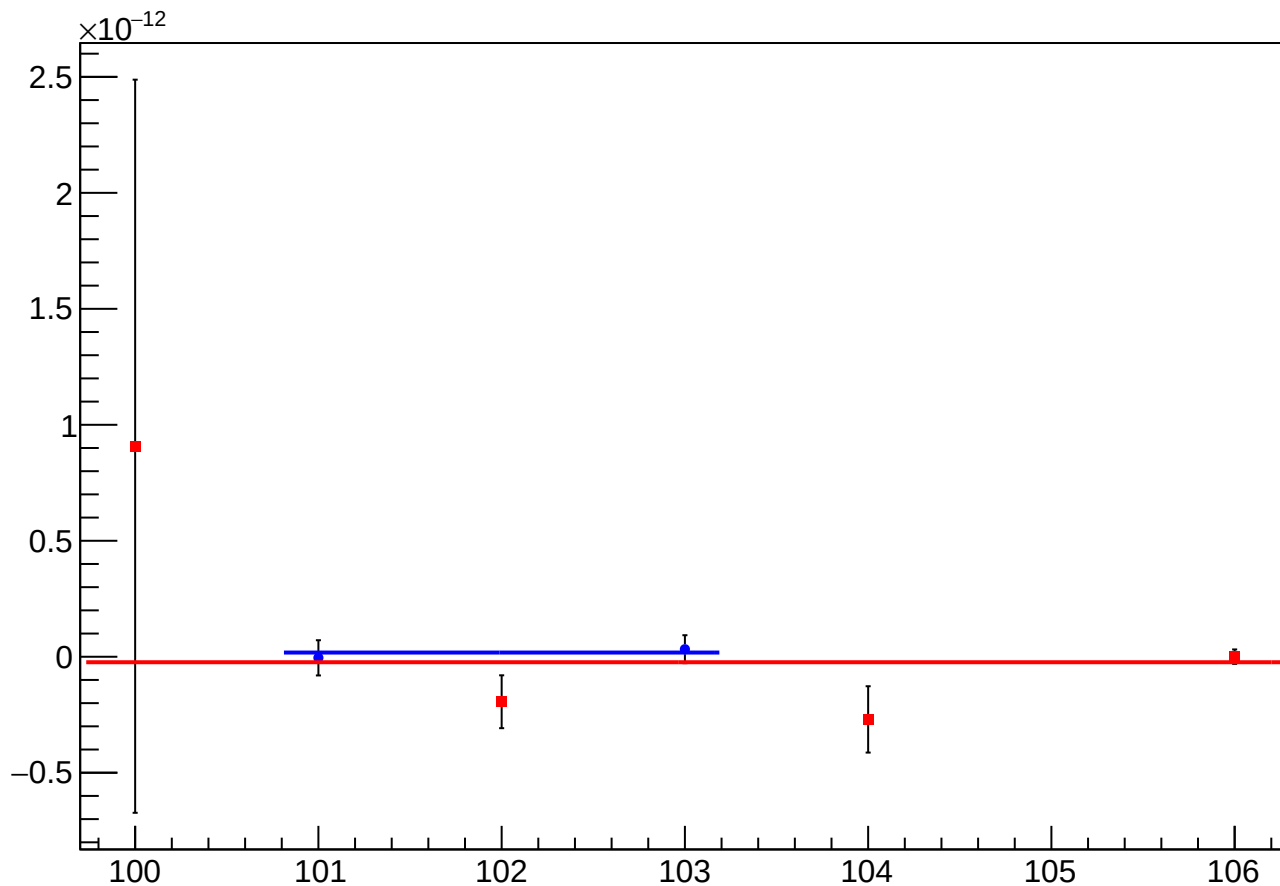
Right: 3680.223+/-1.640 χ^2/NDF : 448686.4/5

In: 4270.178+/-2.780 χ^2/NDF : 156517.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3680.223+/-1.640 χ^2/NDF : 448686.4/5

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

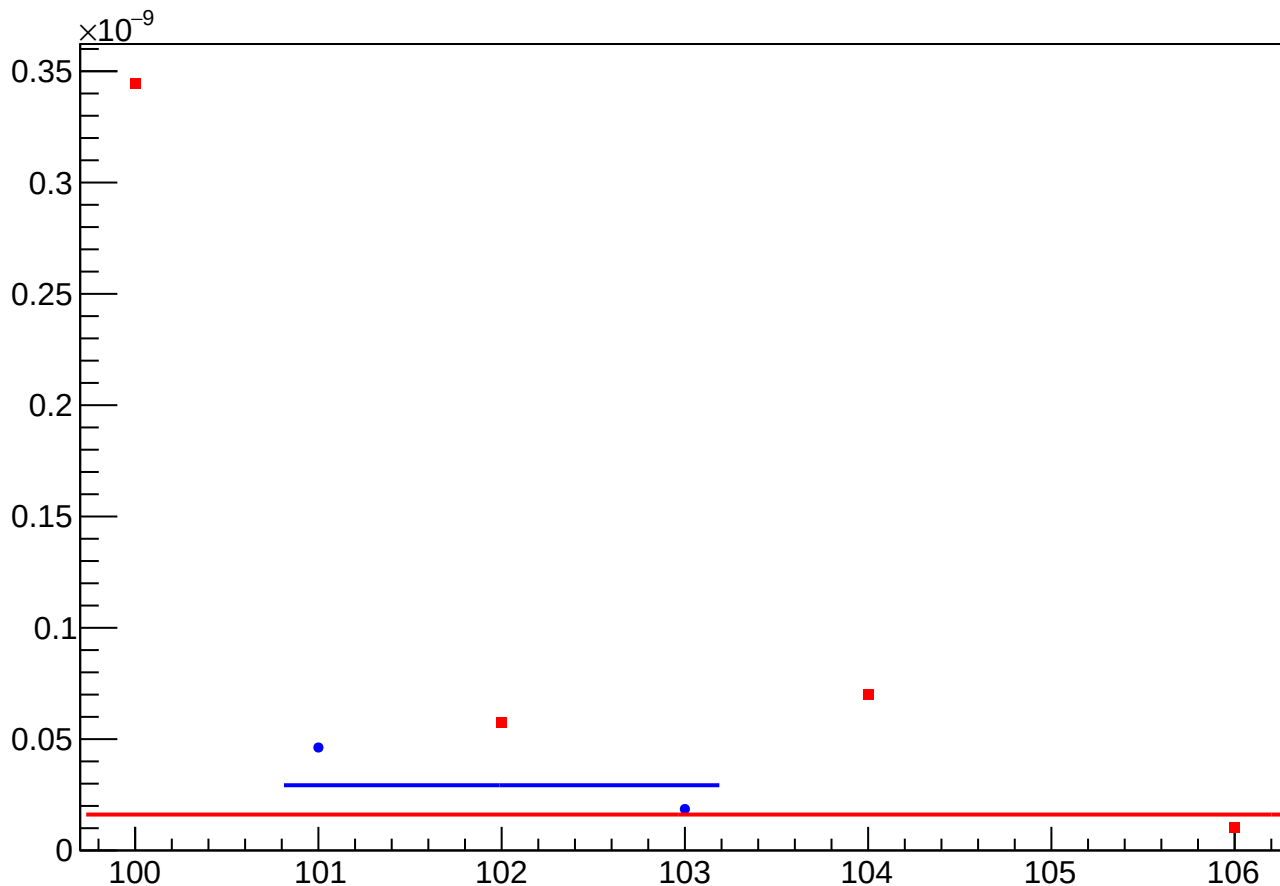
Right: -0.000+/-0.000 χ^2/NDF : 6.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/5

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 162431.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 701491.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

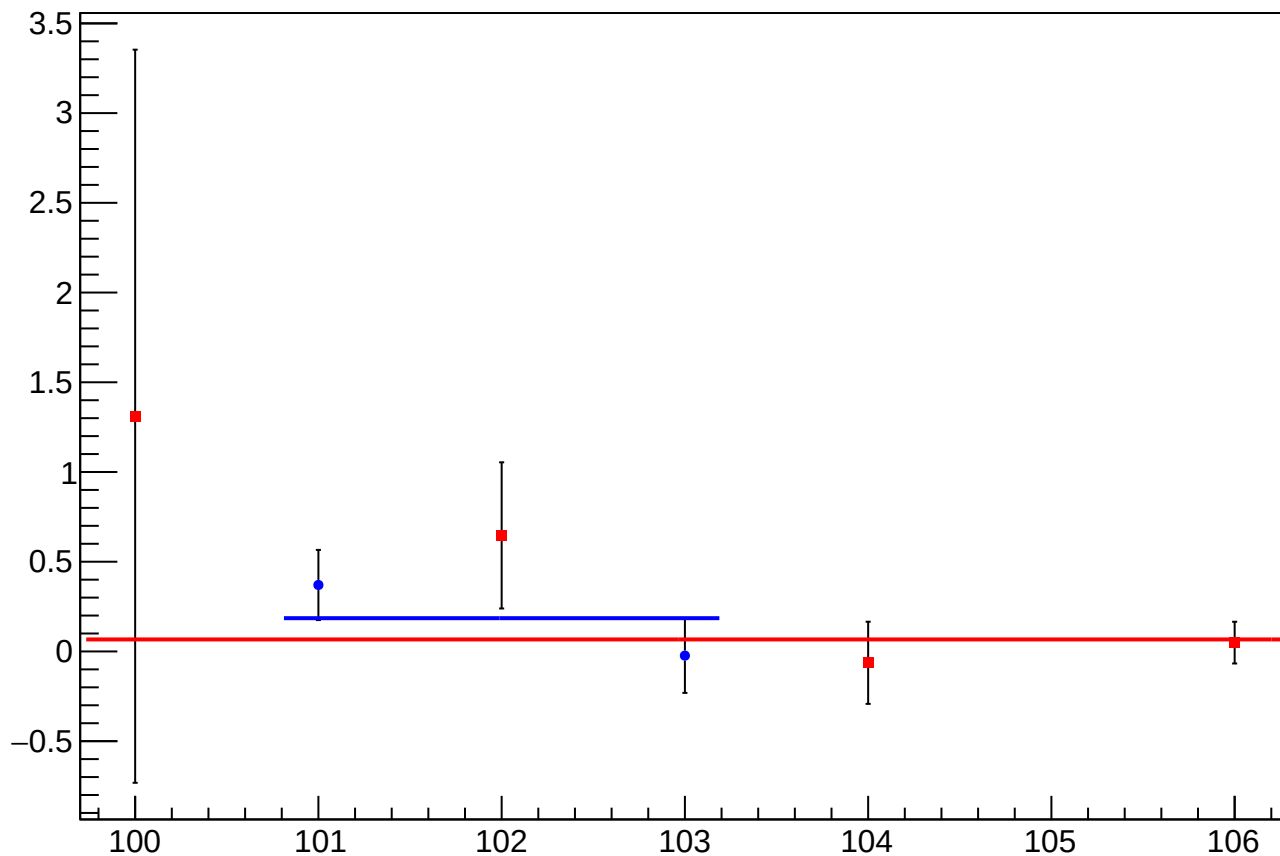
Right: 0.000+/-0.000 χ^2/NDF : 976015.5/5

In: 0.000+/-0.000 χ^2/NDF : 162431.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 976015.5/5

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.100 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

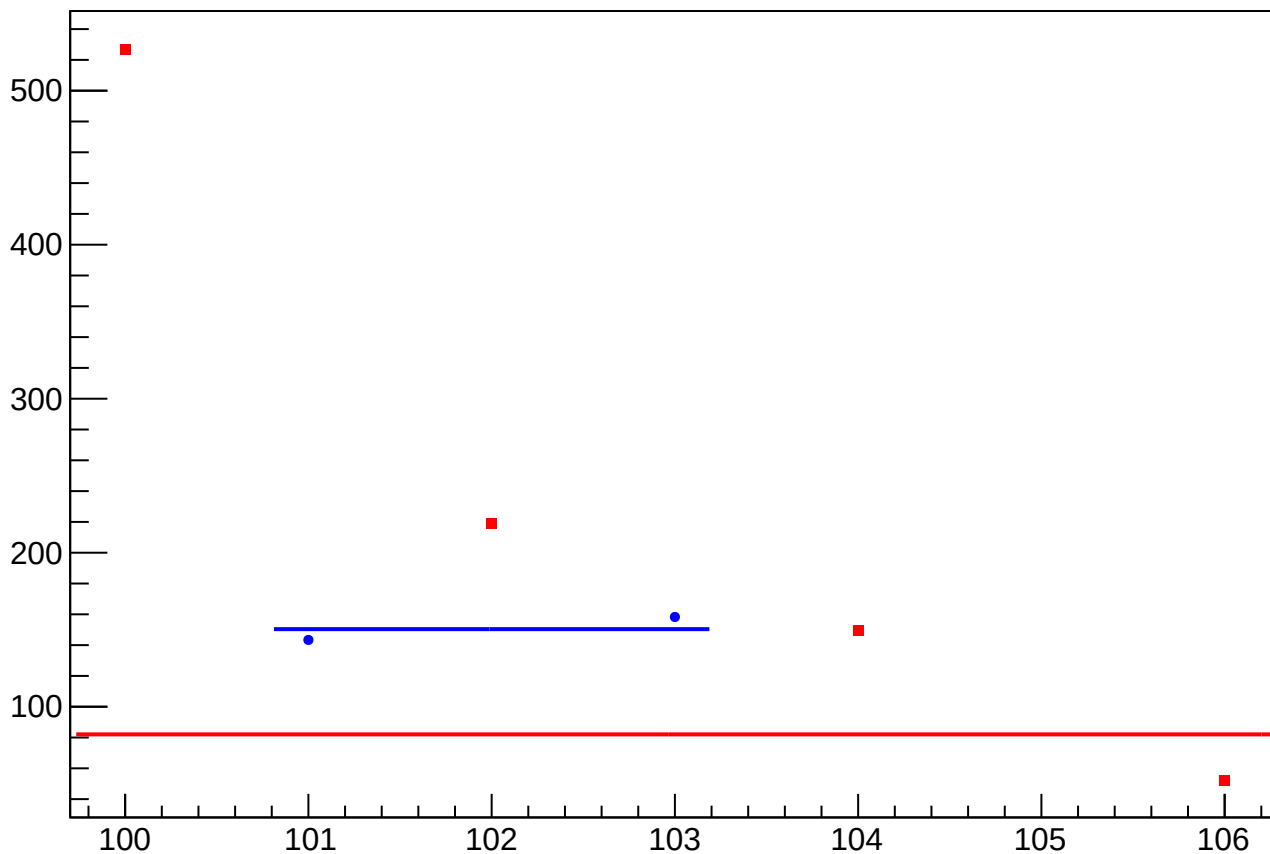
Right: 0.106+/-0.082 χ^2/NDF : 5.1/5

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.082 χ^2/NDF : 5.1/5

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374 $\pm$ 0.101 χ^2 /NDF: 5466.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.049 $\pm$ 0.071 χ^2 /NDF: 628684.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

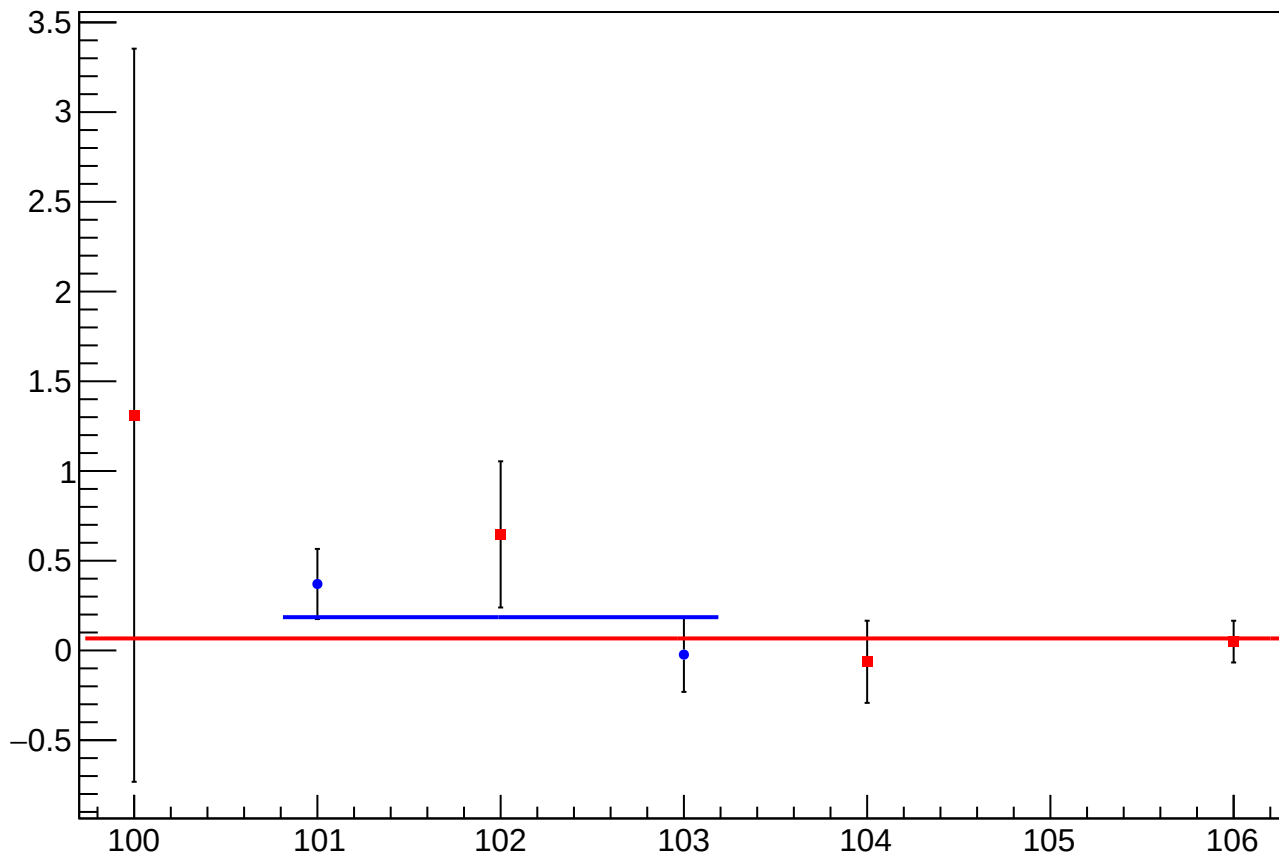
Right: 104.742 $\pm$ 0.058 χ^2 /NDF: 942002.6/5

In: 150.374 $\pm$ 0.101 χ^2 /NDF:5466.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.742 $\pm$ 0.058 χ^2 /NDF: 942002.6/5

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.100 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

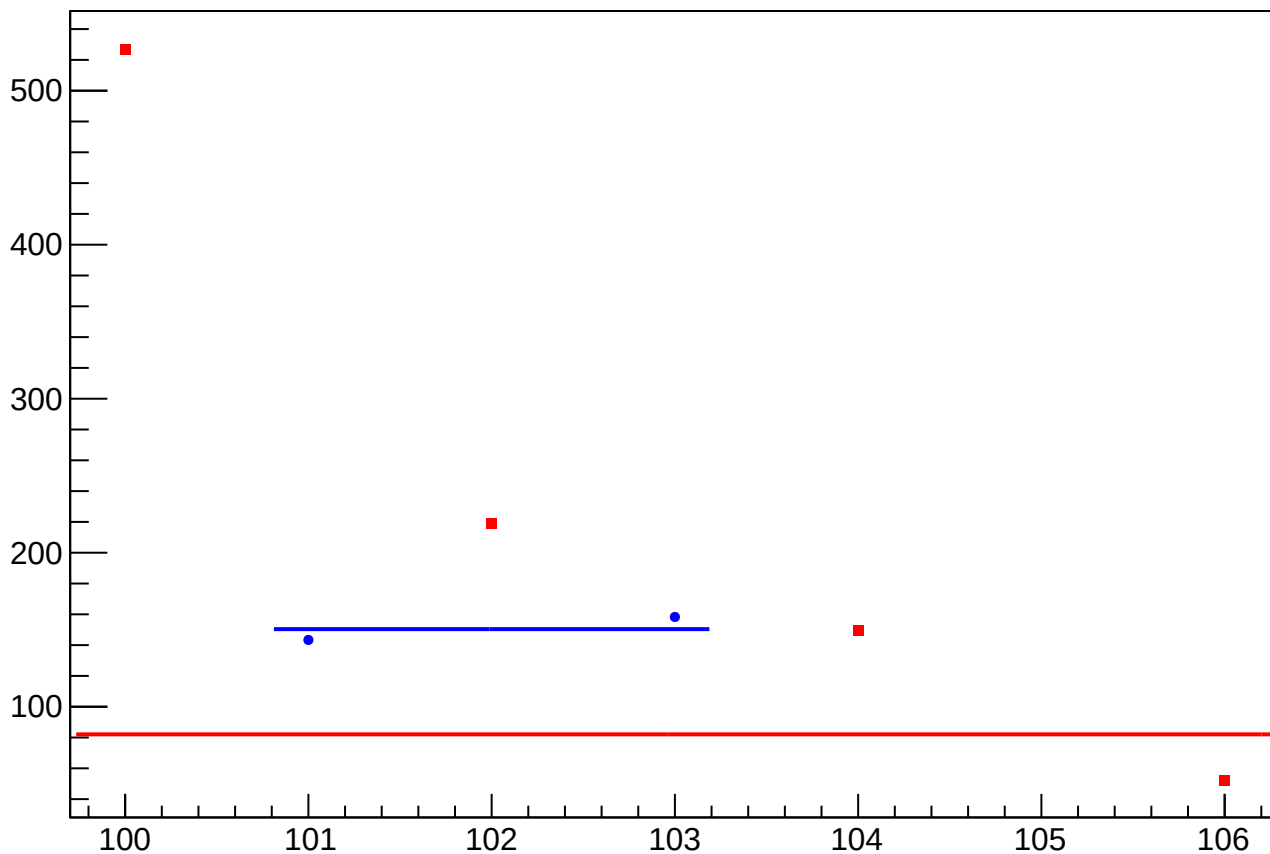
Right: 0.106+/-0.082 χ^2/NDF : 5.1/5

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.082 χ^2/NDF : 5.1/5

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374 $\pm$ 0.101 χ^2 /NDF: 5466.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.049 $\pm$ 0.071 χ^2 /NDF: 628684.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

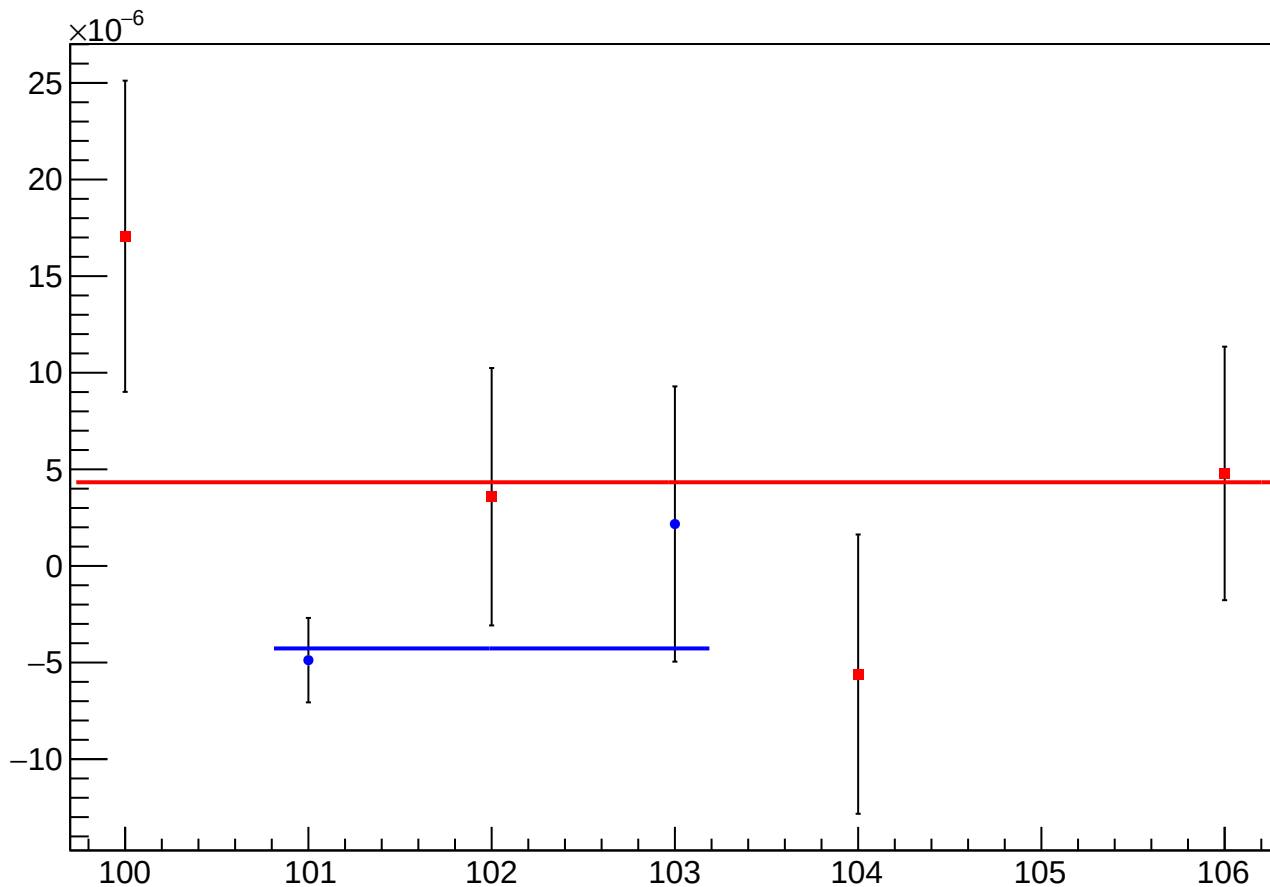
Right: 104.742 $\pm$ 0.058 χ^2 /NDF: 942002.6/5

In: 150.374 $\pm$ 0.101 χ^2 /NDF:5466.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.742 $\pm$ 0.058 χ^2 /NDF: 942002.6/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

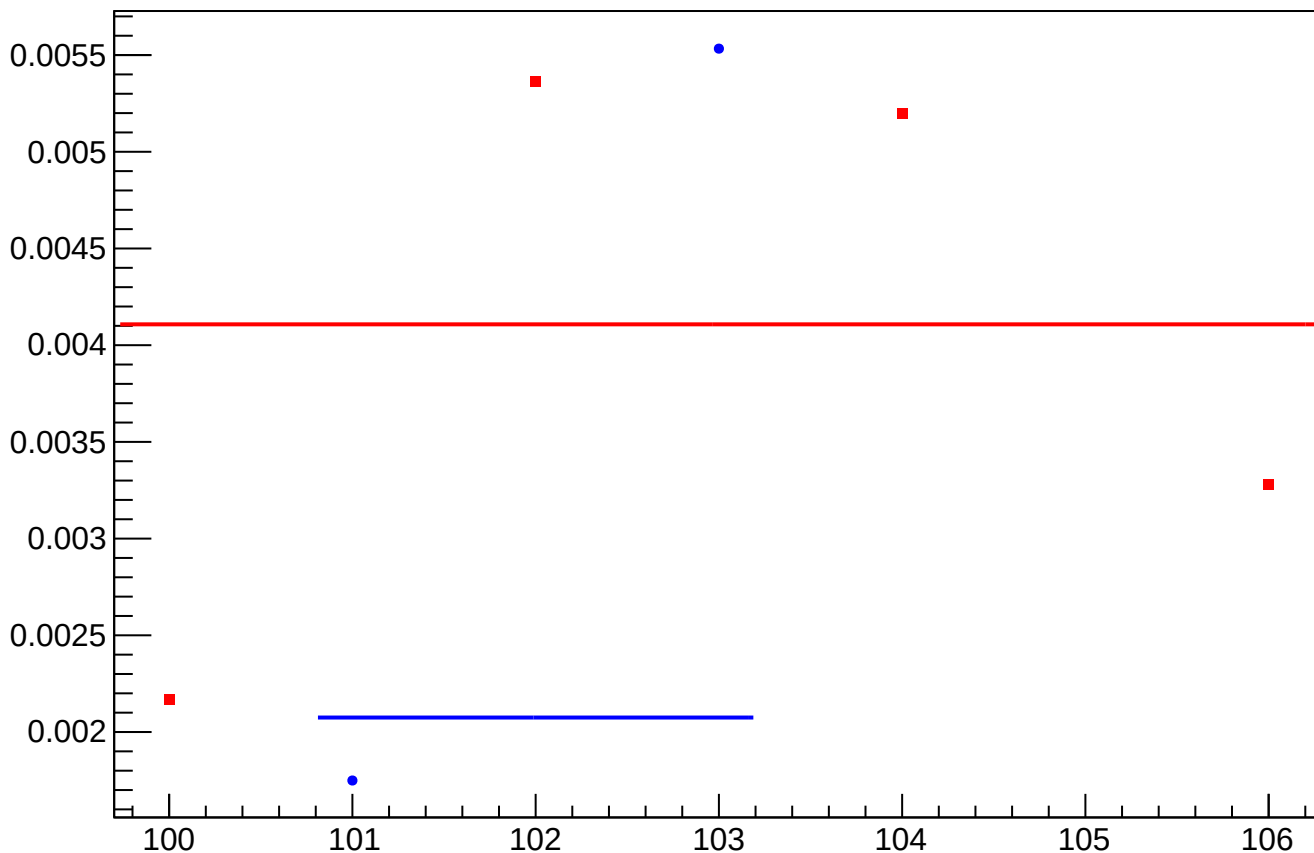
Right: -0.000+/-0.000 χ^2/NDF : 9.7/5

In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 515819.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 264591.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

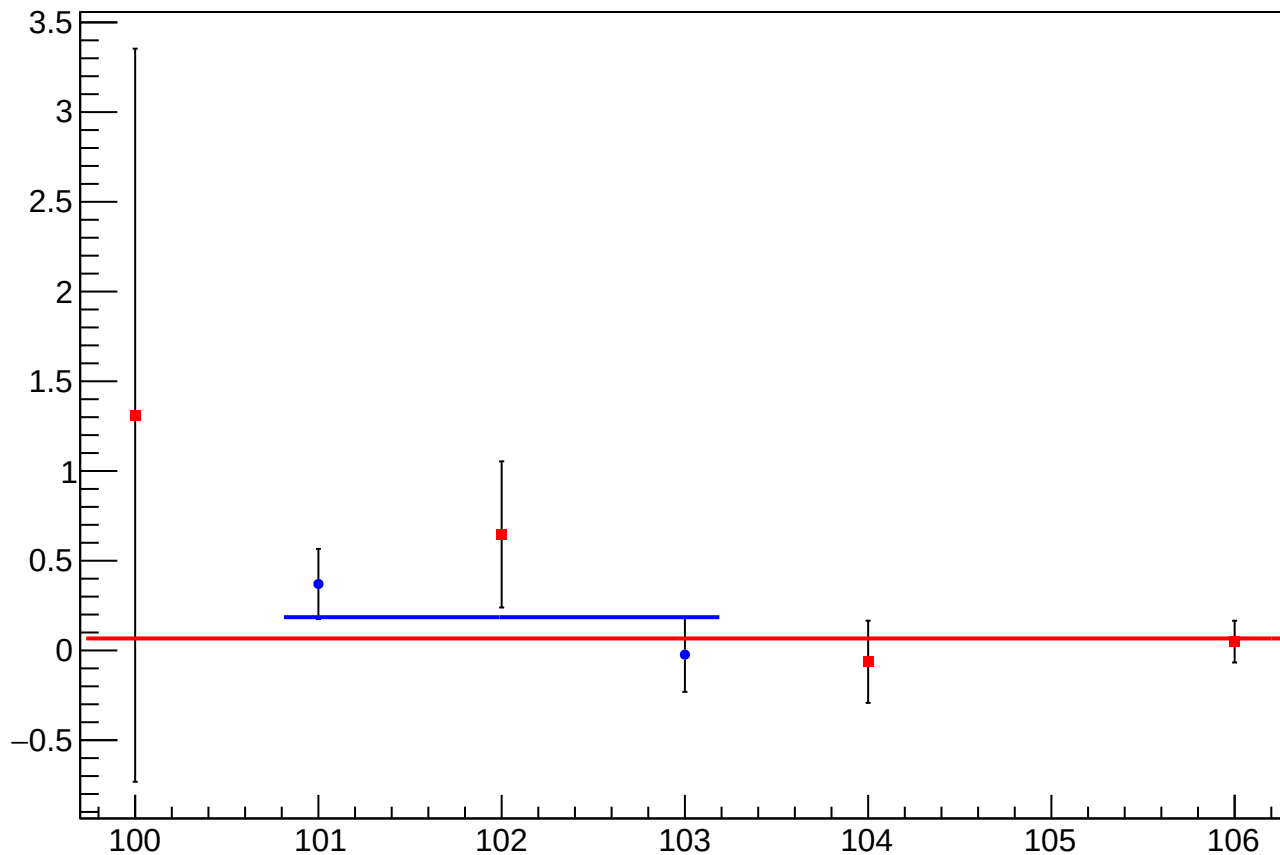
Right: 0.003+/-0.000 χ^2/NDF : 1271979.0/5

In: 0.002+/-0.000 χ^2/NDF :515819.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1271979.0/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.100 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

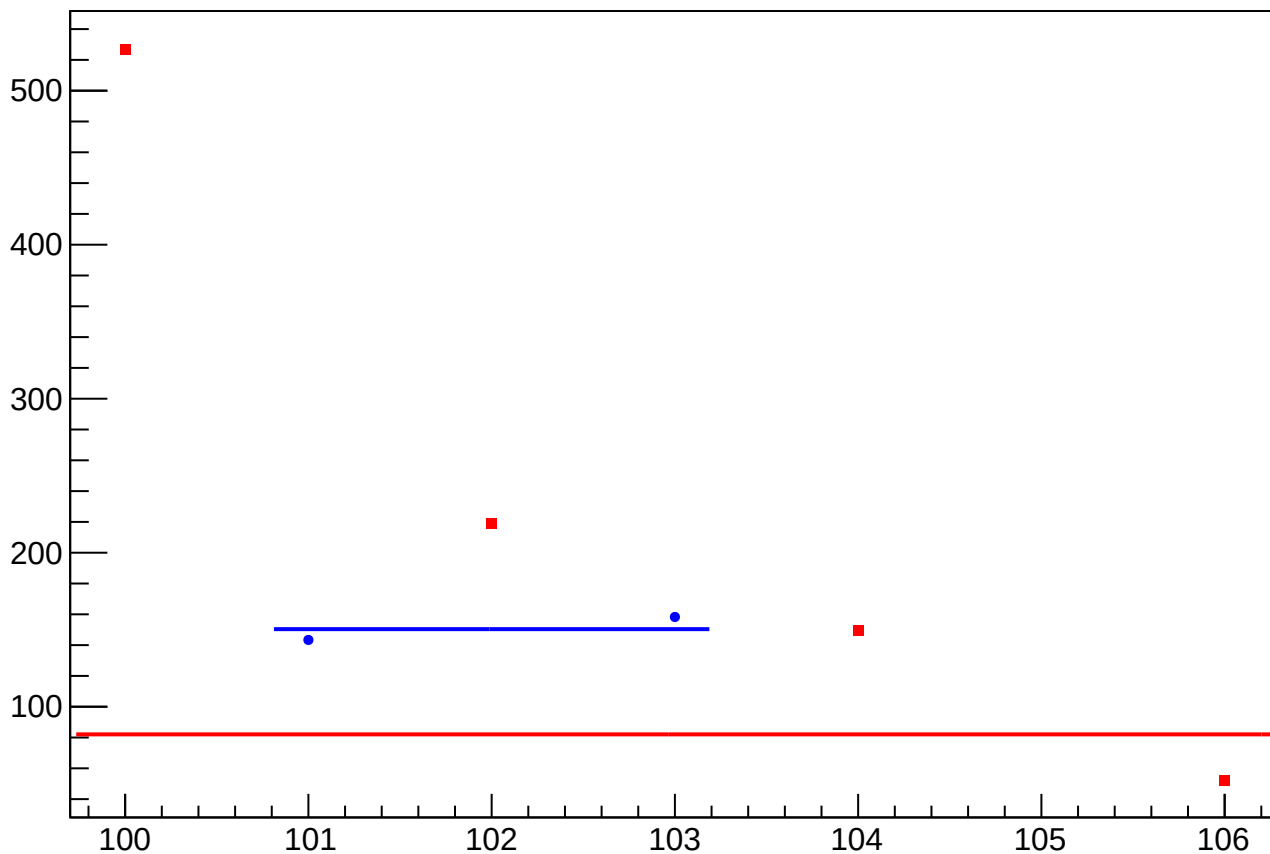
Right: 0.106+/-0.082 χ^2/NDF : 5.1/5

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.082 χ^2/NDF : 5.1/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.047+/-0.071 χ^2/NDF : 628683.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

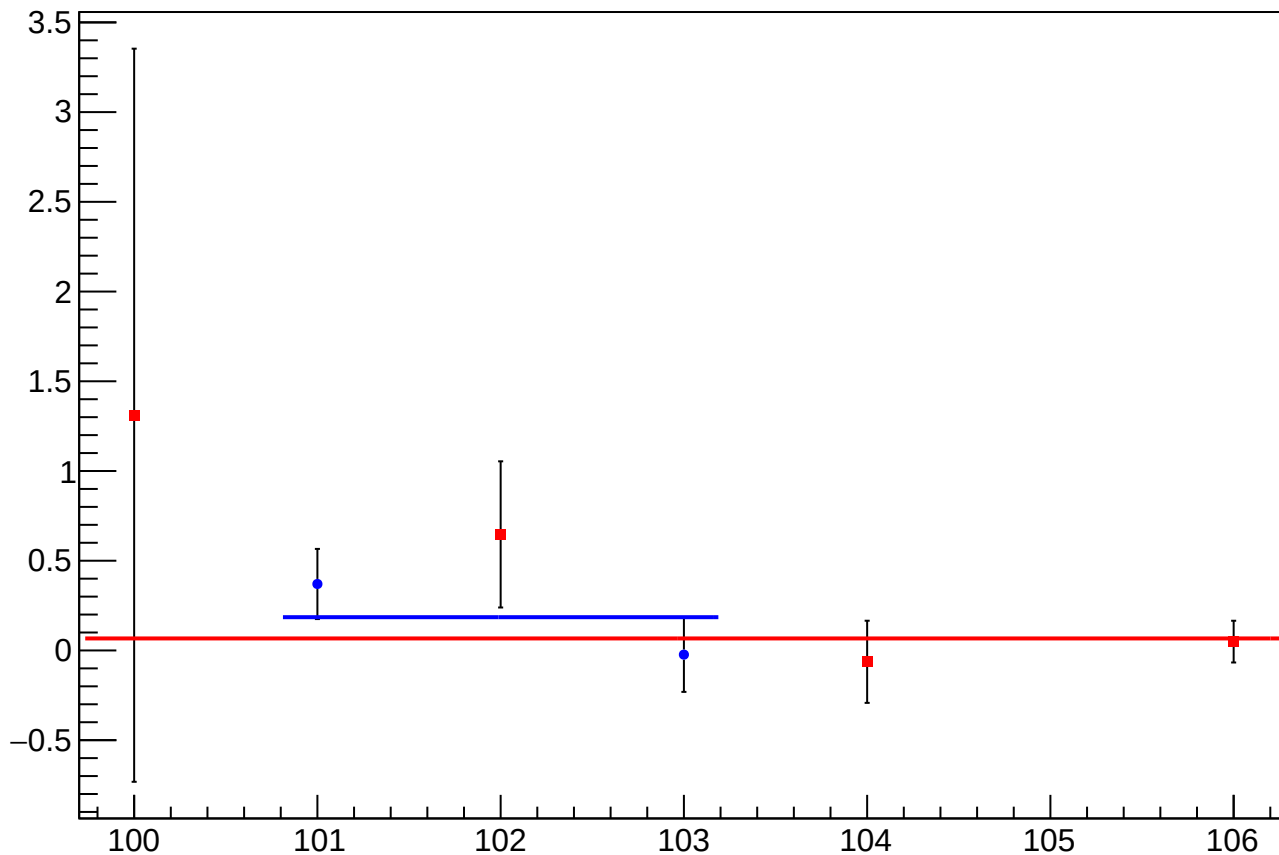
Right: 104.739+/-0.058 χ^2/NDF : 942015.7/5

In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.739+/-0.058 χ^2/NDF : 942015.7/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.067+/-0.100 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

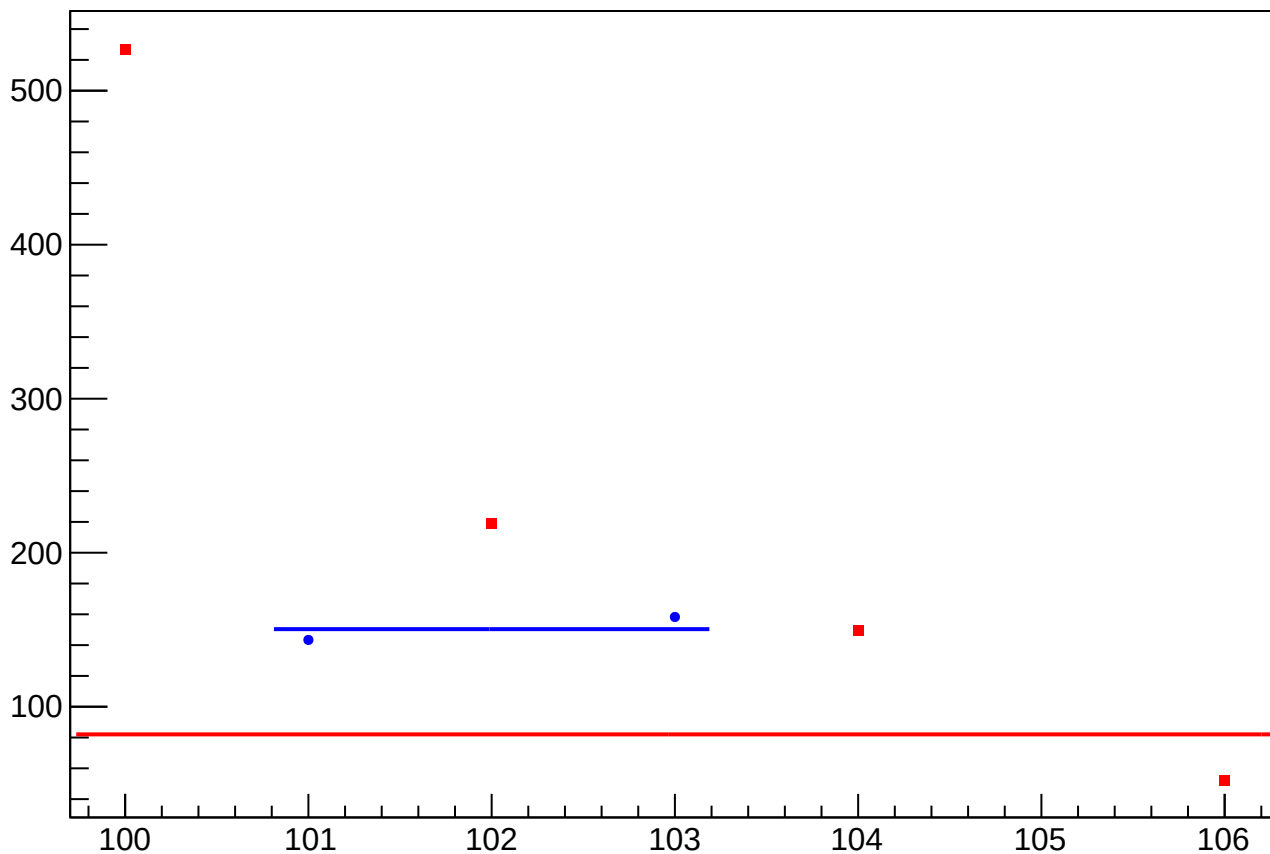
Right: 0.106+/-0.082 χ^2/NDF : 5.1/5

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.106+/-0.082 χ^2/NDF : 5.1/5

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.373 $\pm$ 0.101 χ^2 /NDF: 5463.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.047 $\pm$ 0.071 χ^2 /NDF: 628683.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

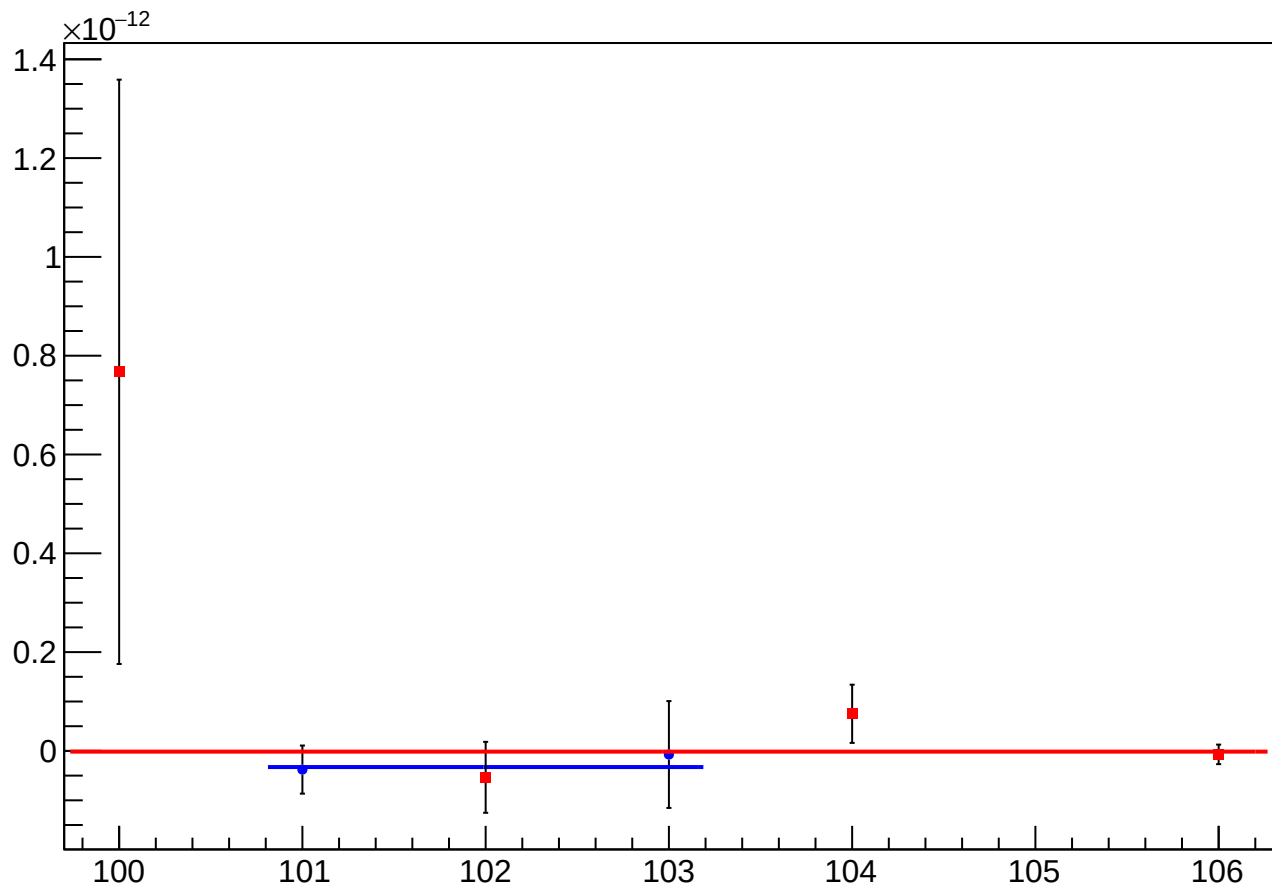
Right: 104.739 $\pm$ 0.058 χ^2 /NDF: 942015.7/5

In: 150.373 $\pm$ 0.101 χ^2 /NDF:5463.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.739 $\pm$ 0.058 χ^2 /NDF: 942015.7/5

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

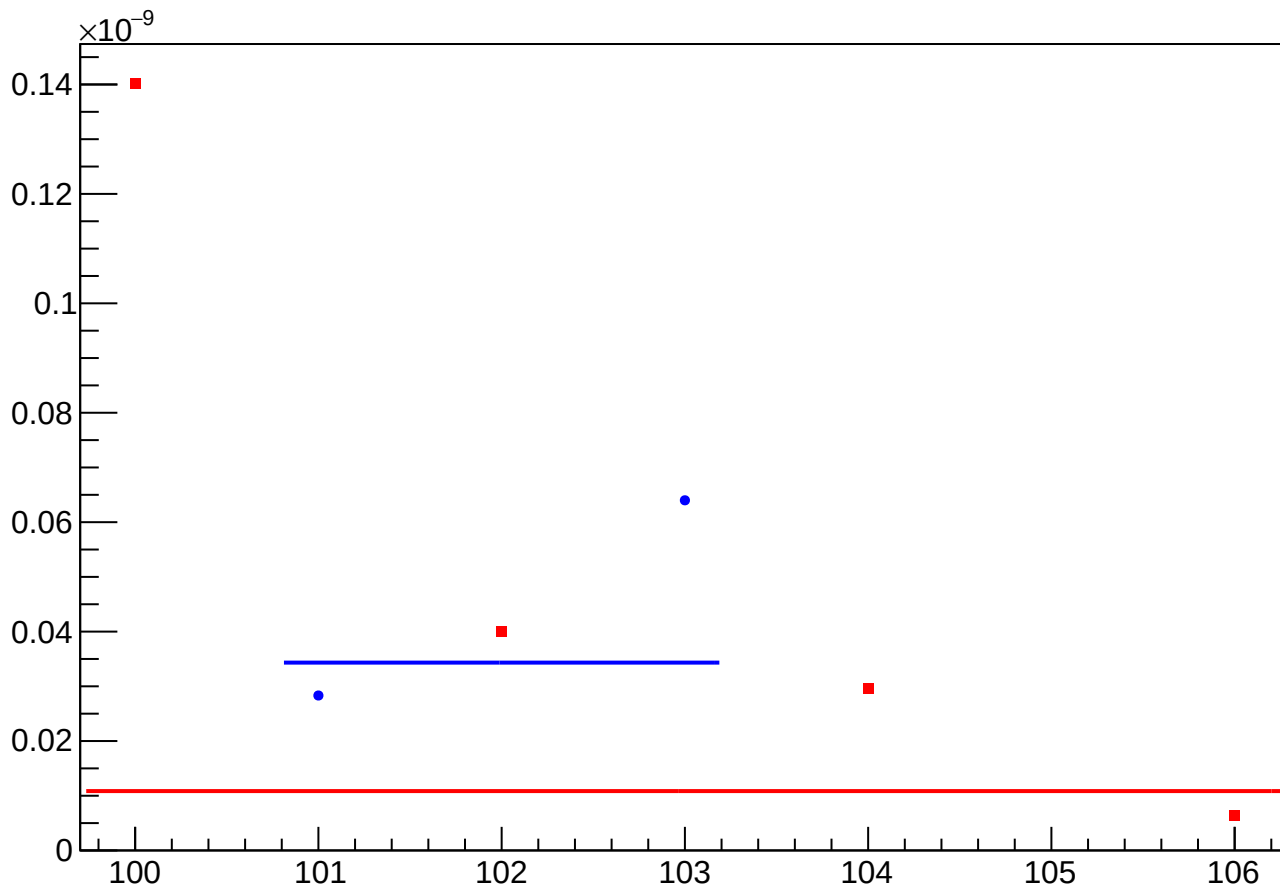
Right: -0.000+/-0.000 χ^2/NDF : 4.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.5/5

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 181013.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 731298.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

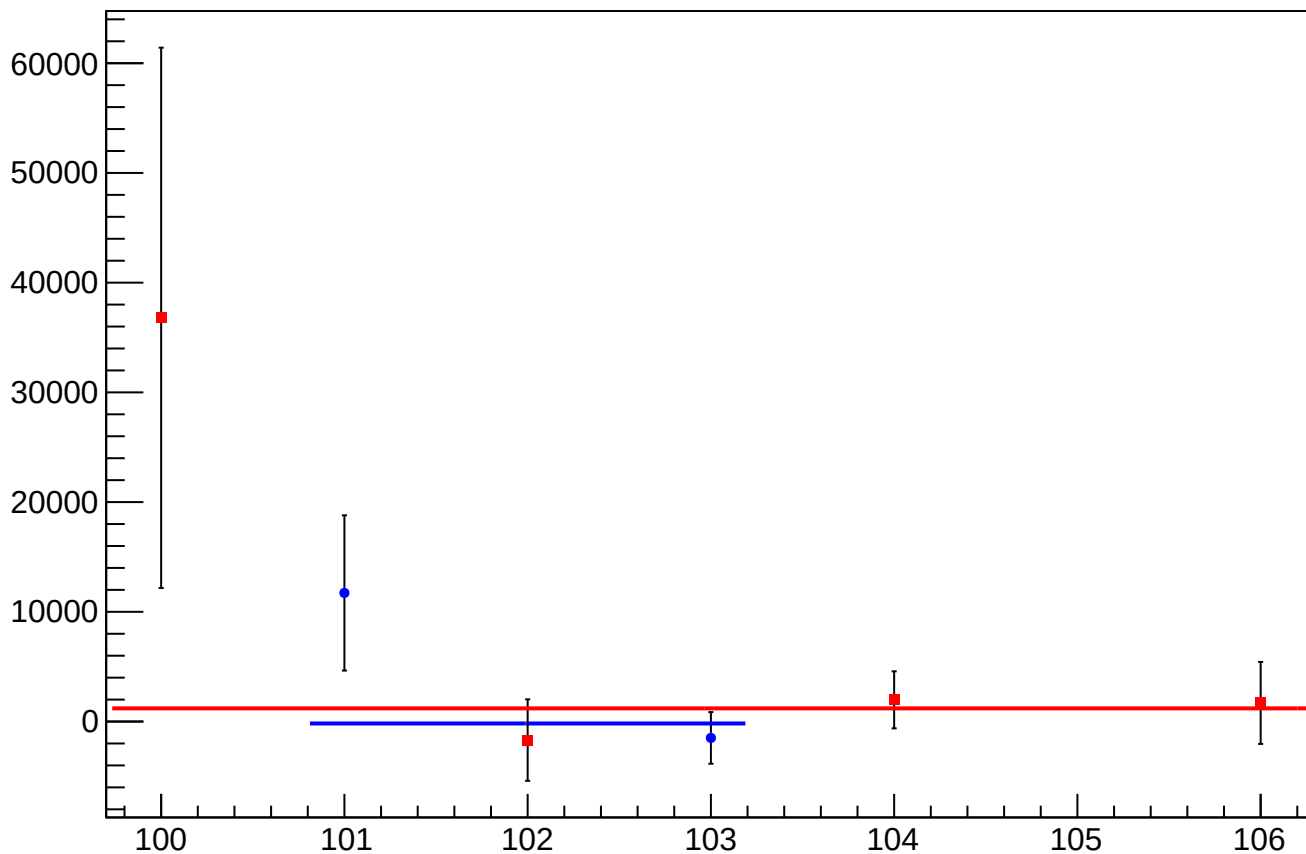
Right: 0.000+/-0.000 χ^2 /NDF: 1391891.5/5

In: 0.000+/-0.000 χ^2 /NDF:181013.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1391891.5/5

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -176.455+/-2233.513 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.778+/-1845.312 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

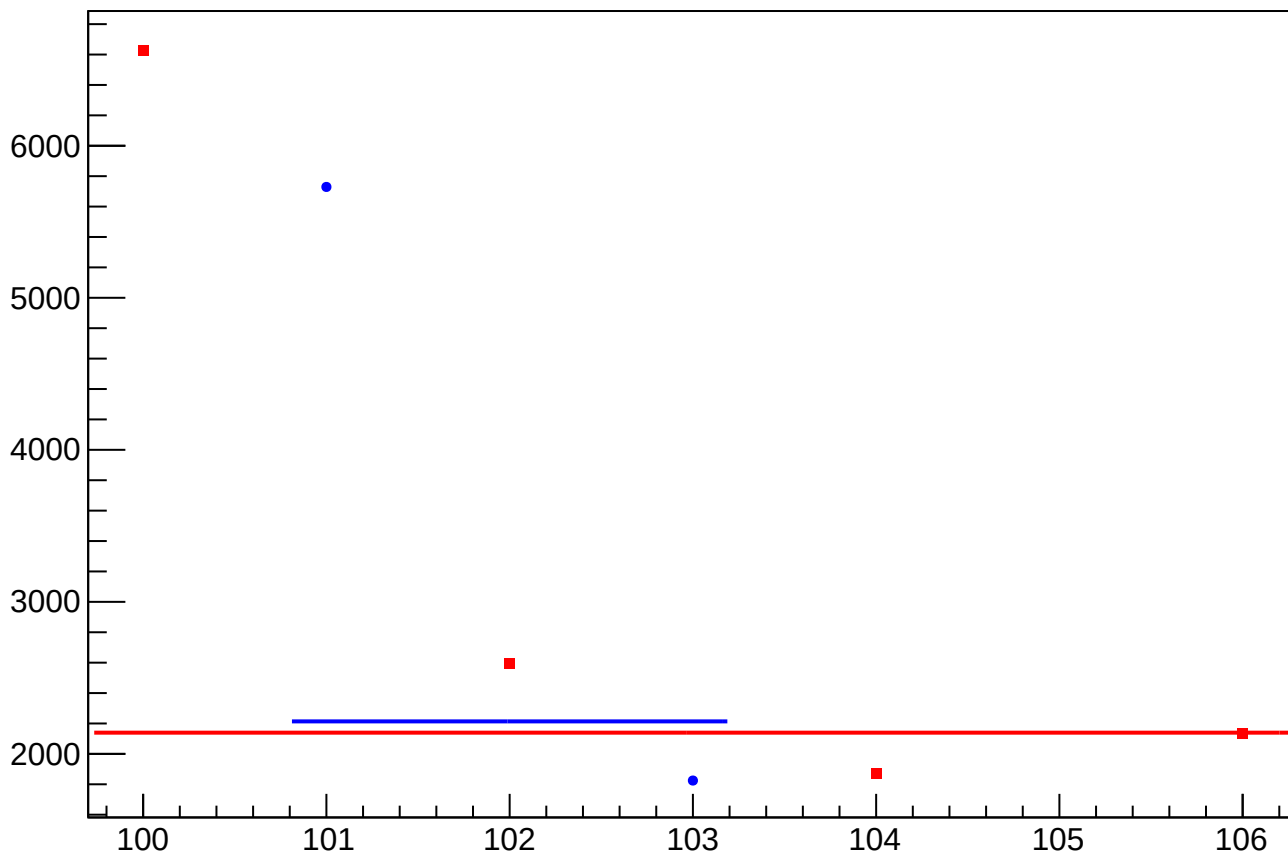
Right: 640.873+/-1422.591 χ^2/NDF : 6.2/5

In: -176.455+/-2233.513 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.873+/-1422.591 χ^2/NDF : 6.2/5

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.746+/-1.579 χ^2/NDF : 548432.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2139.574+/-1.305 χ^2/NDF : 117452.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

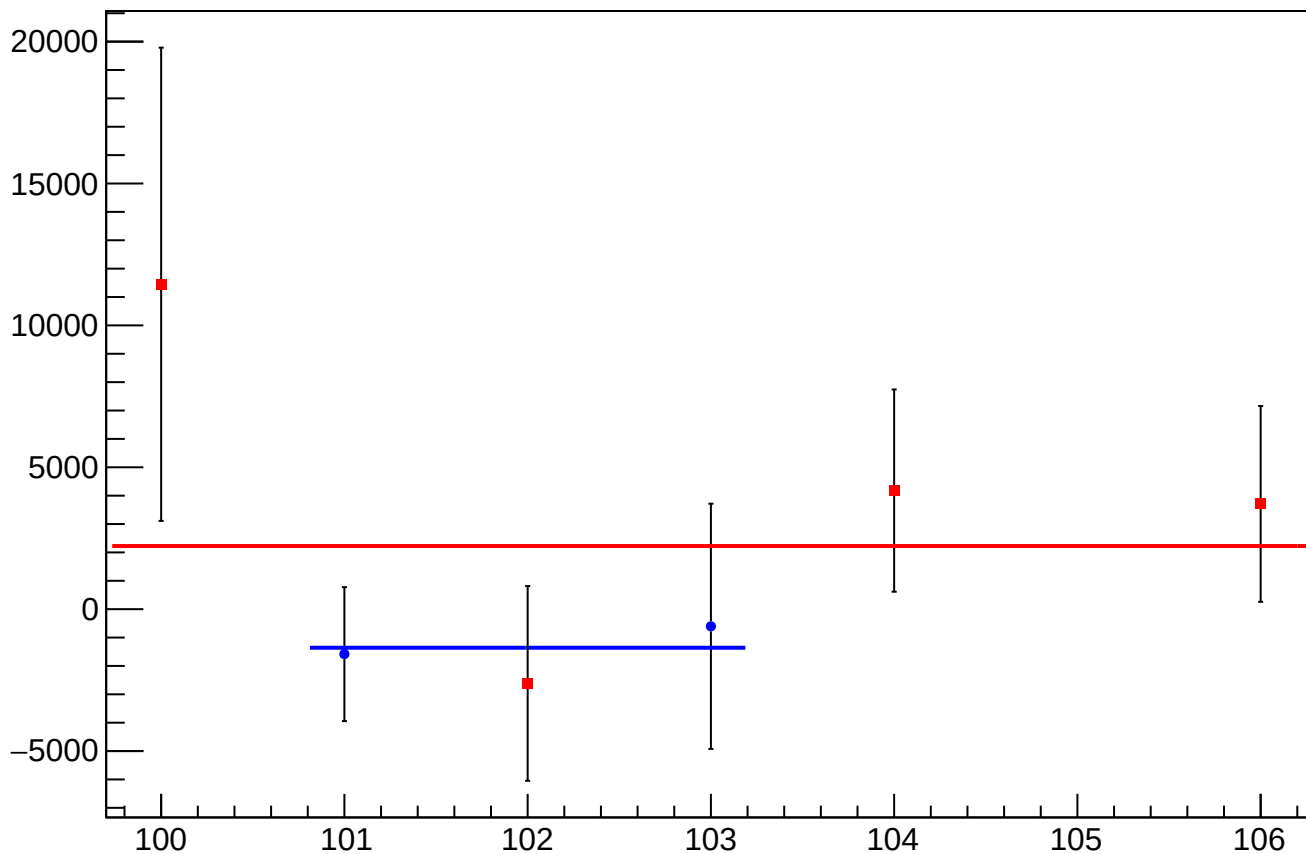
Right: 2169.664+/-1.006 χ^2/NDF : 667196.3/5

In: 2213.746+/-1.579 χ^2/NDF : 548432.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.664+/-1.006 χ^2/NDF : 667196.3/5

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1358.582 $\pm$ 2071.841 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2224.894 $\pm$ 1953.311 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

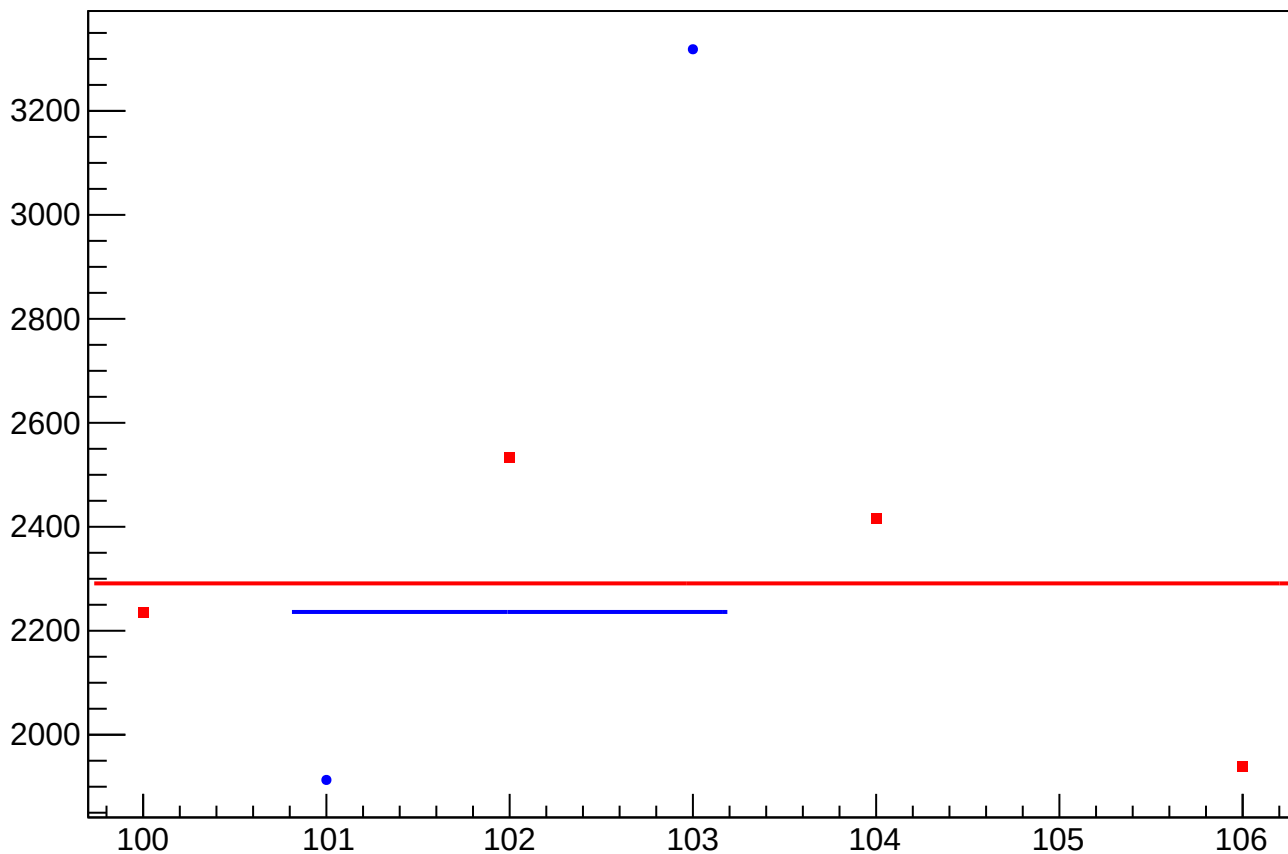
Right: 538.588 $\pm$ 1421.256 χ^2 /NDF: 5.3/5

In: -1358.582 $\pm$ 2071.841 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 538.588 $\pm$ 1421.256 χ^2 /NDF: 5.3/5

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2236.166+/-1.465 χ^2/NDF : 162952.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2291.114+/-1.381 χ^2/NDF : 33366.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

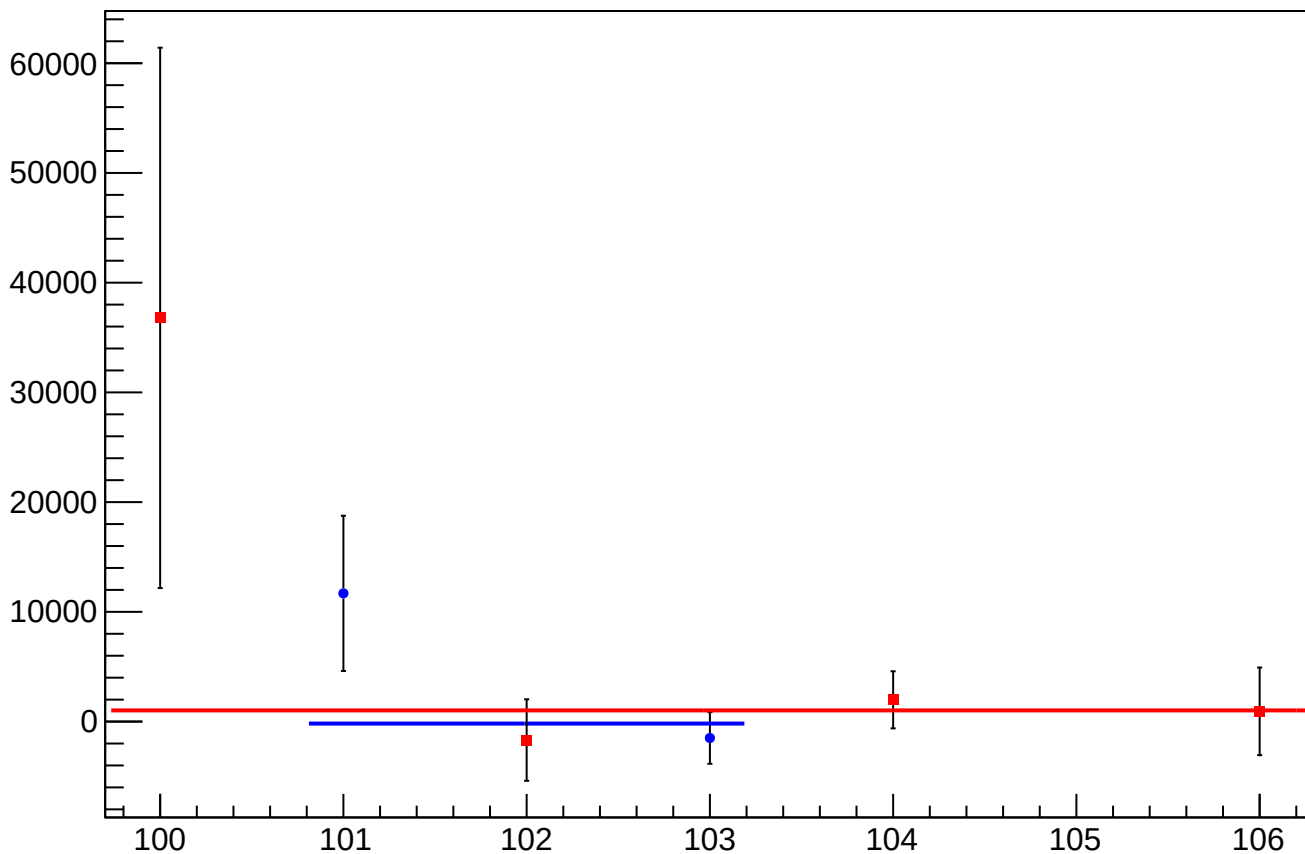
Right: 2265.256+/-1.005 χ^2/NDF : 197063.7/5

In: 2236.166+/-1.465 χ^2/NDF : 162952.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2265.256+/-1.005 χ^2/NDF : 197063.7/5

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1017.866+/-1874.197 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

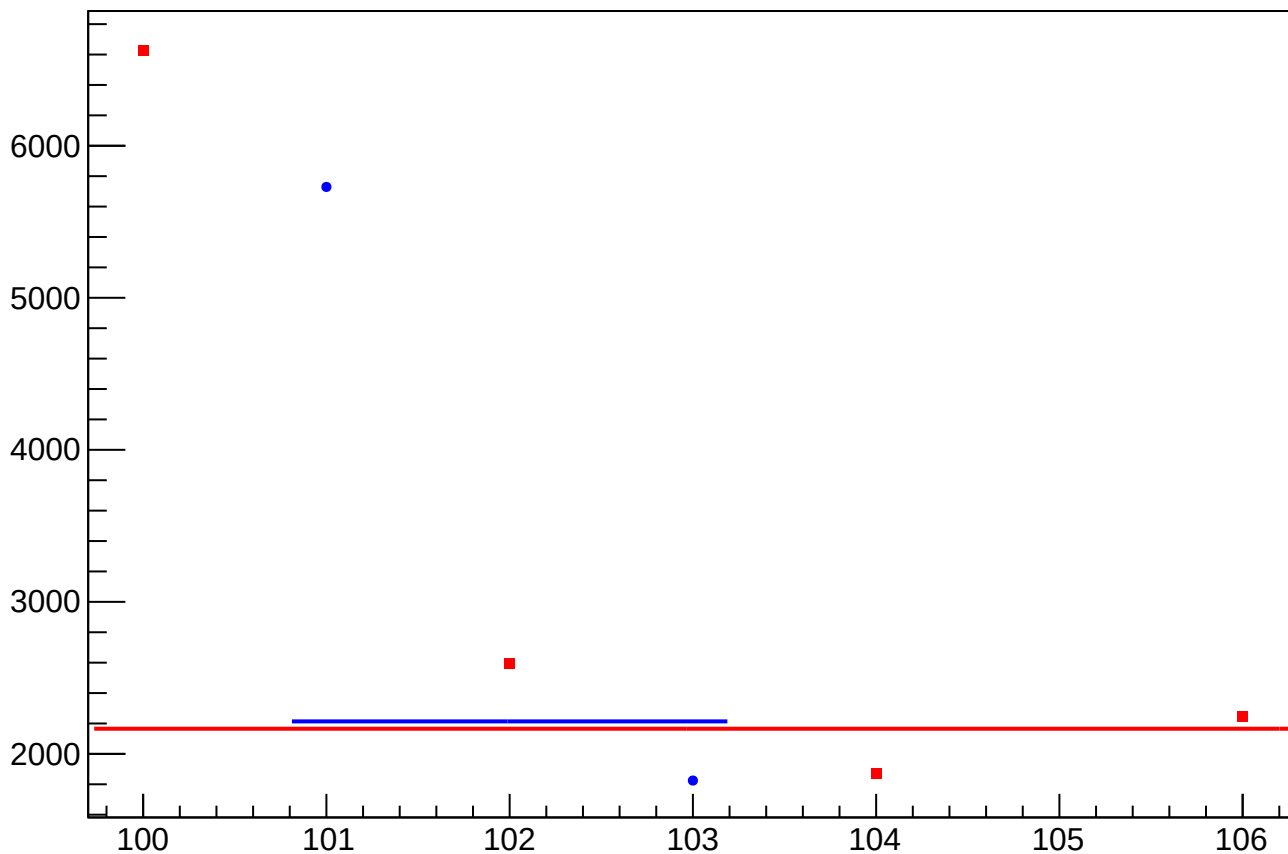
Right: 522.063+/-1435.701 χ^2/NDF : 6.1/5

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.063+/-1435.701 χ^2/NDF : 6.1/5

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2165.494+/-1.325 χ^2/NDF : 118567.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

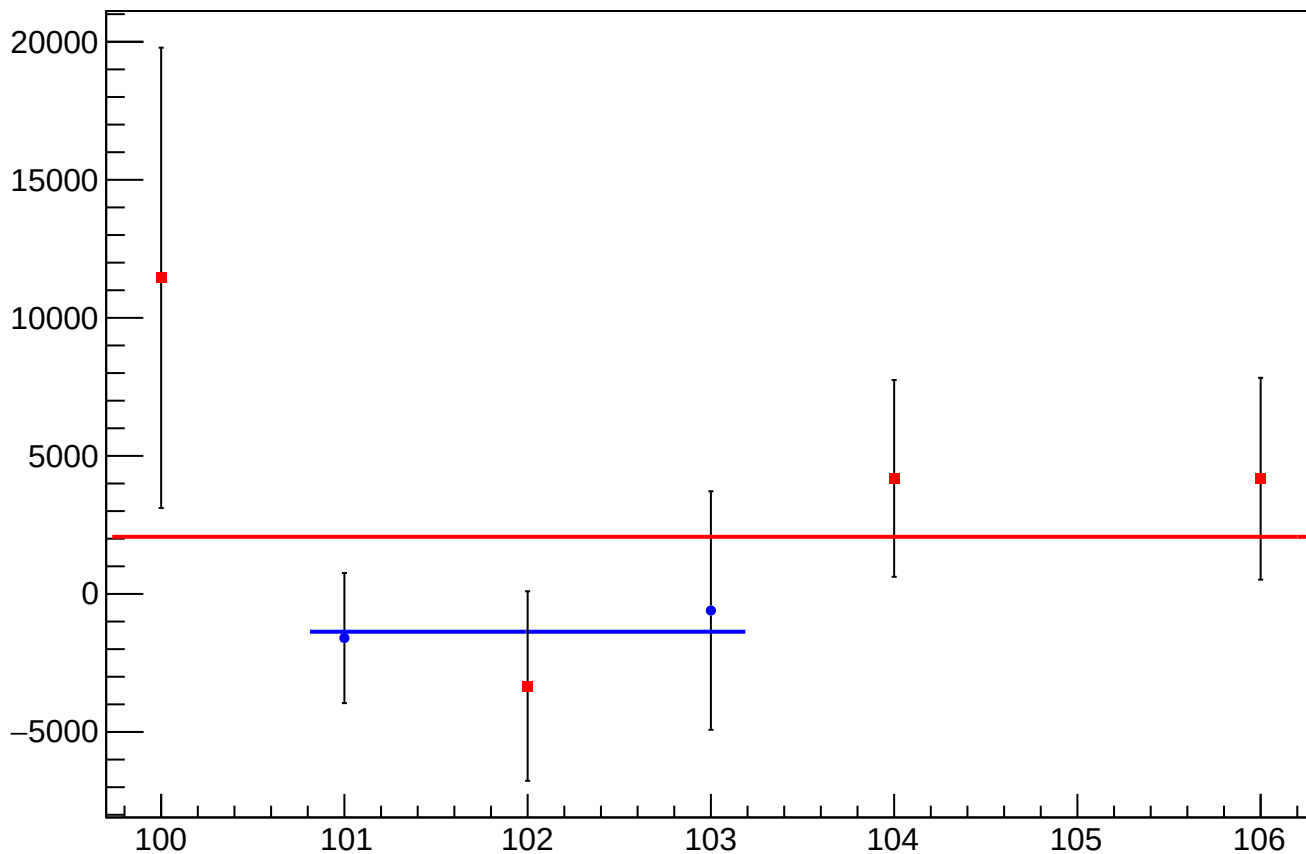
Right: 2185.431+/-1.015 χ^2/NDF : 667547.7/5

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.431+/-1.015 χ^2/NDF : 667547.7/5

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1369.360 $\pm$ 2069.716 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2069.262 $\pm$ 1988.858 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

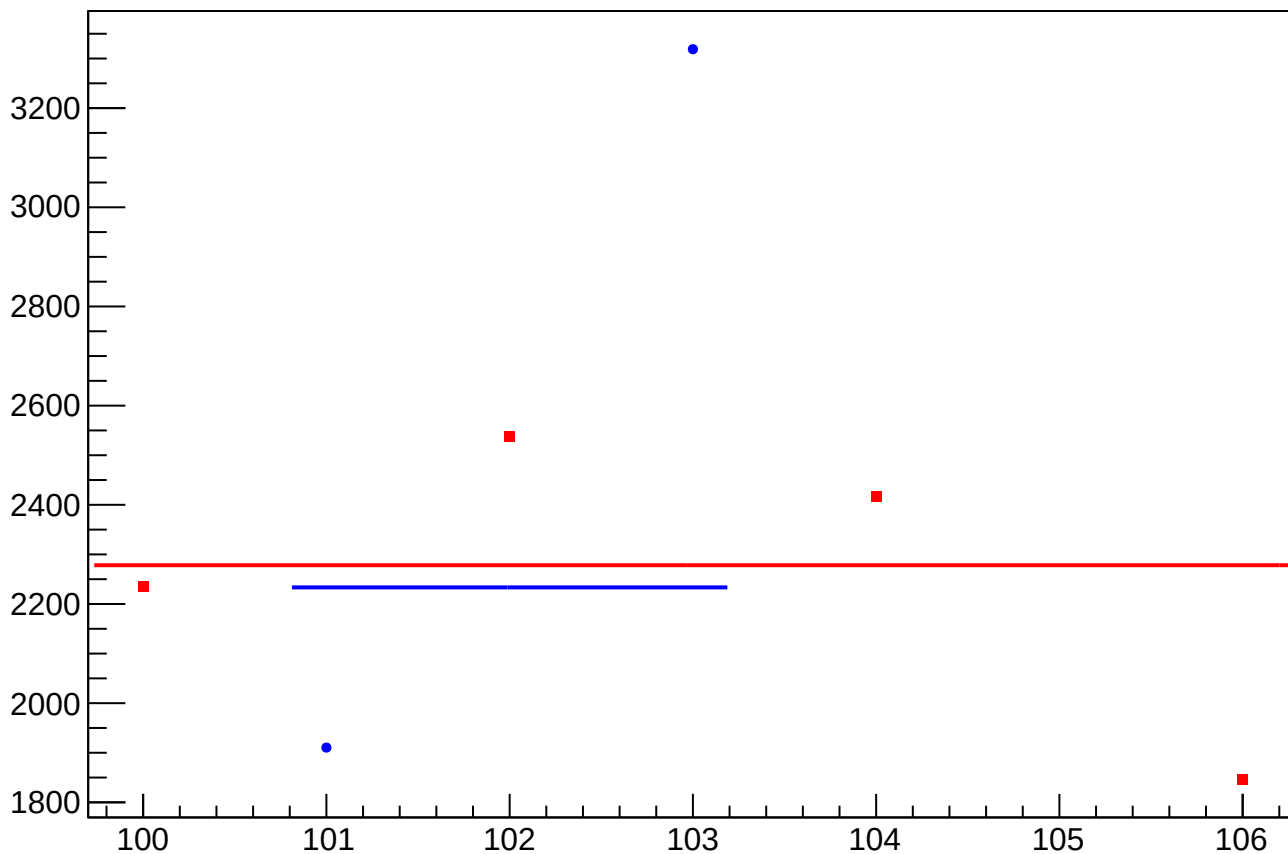
Right: 418.430 $\pm$ 1434.068 χ^2 /NDF: 5.9/5

In: -1369.360 $\pm$ 2069.716 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 418.430 $\pm$ 1434.068 χ^2 /NDF: 5.9/5

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2278.220+/-1.406 χ^2/NDF : 42512.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

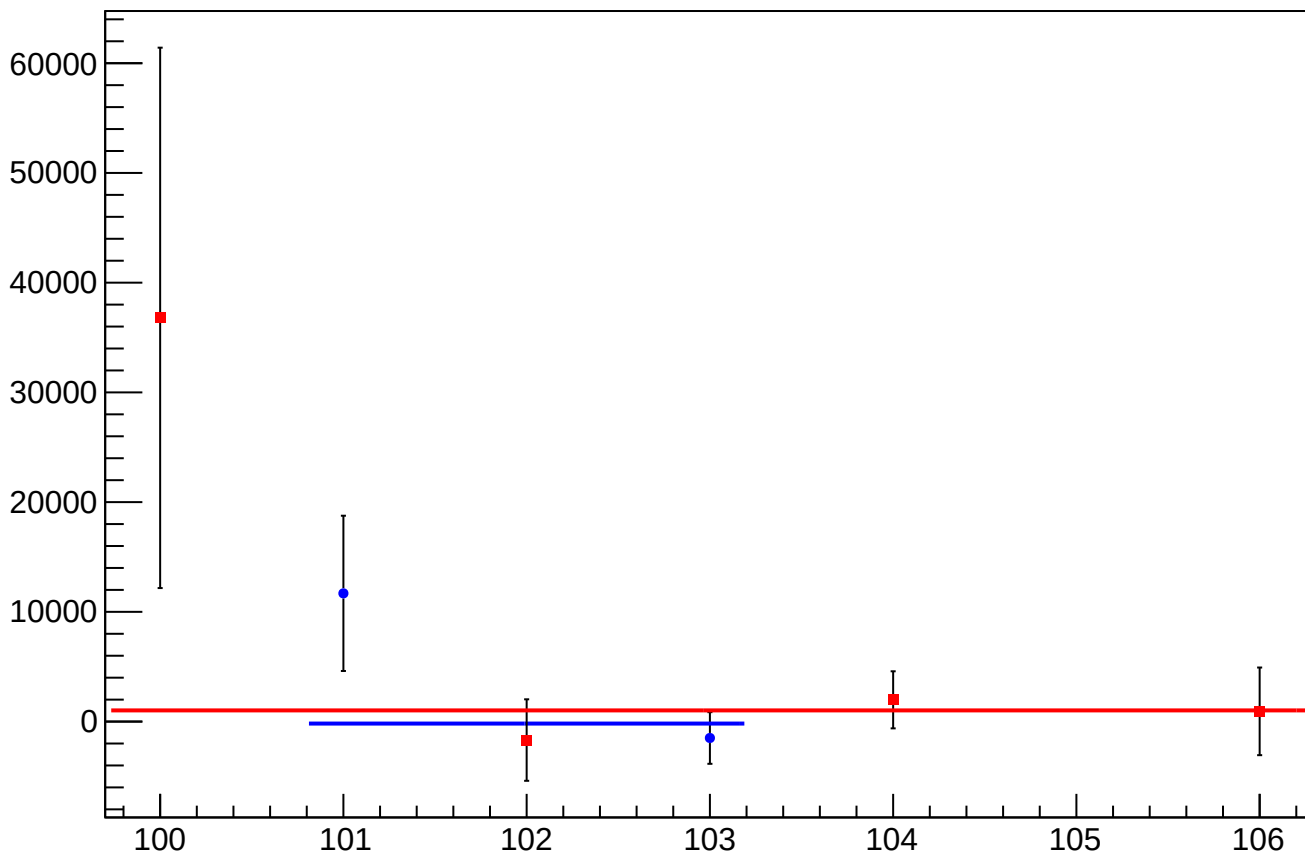
Right: 2256.747+/-1.014 χ^2/NDF : 206703.8/5

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2256.747+/-1.014 χ^2/NDF : 206703.8/5

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1017.866+/-1874.197 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

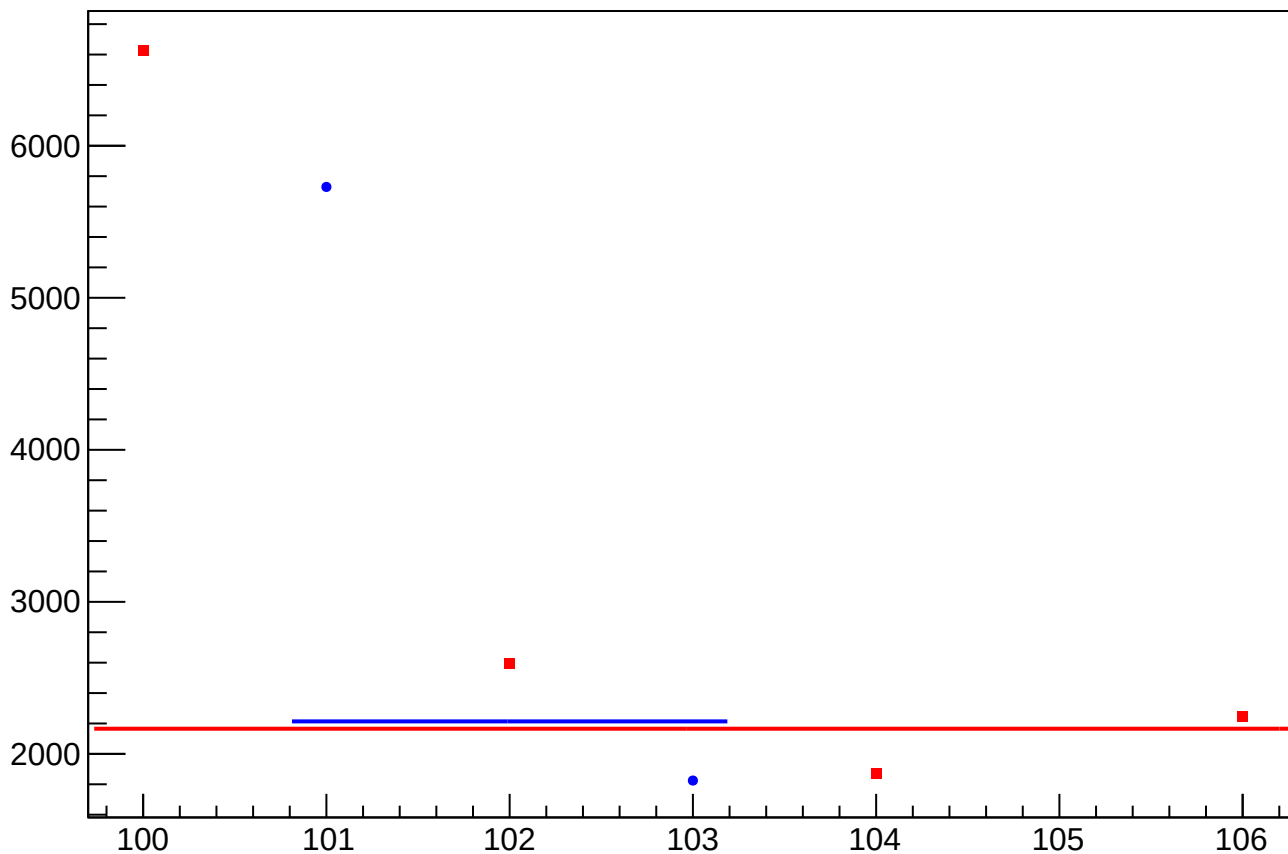
Right: 522.063+/-1435.701 χ^2/NDF : 6.1/5

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.063+/-1435.701 χ^2/NDF : 6.1/5

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2165.494+/-1.325 χ^2/NDF : 118567.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

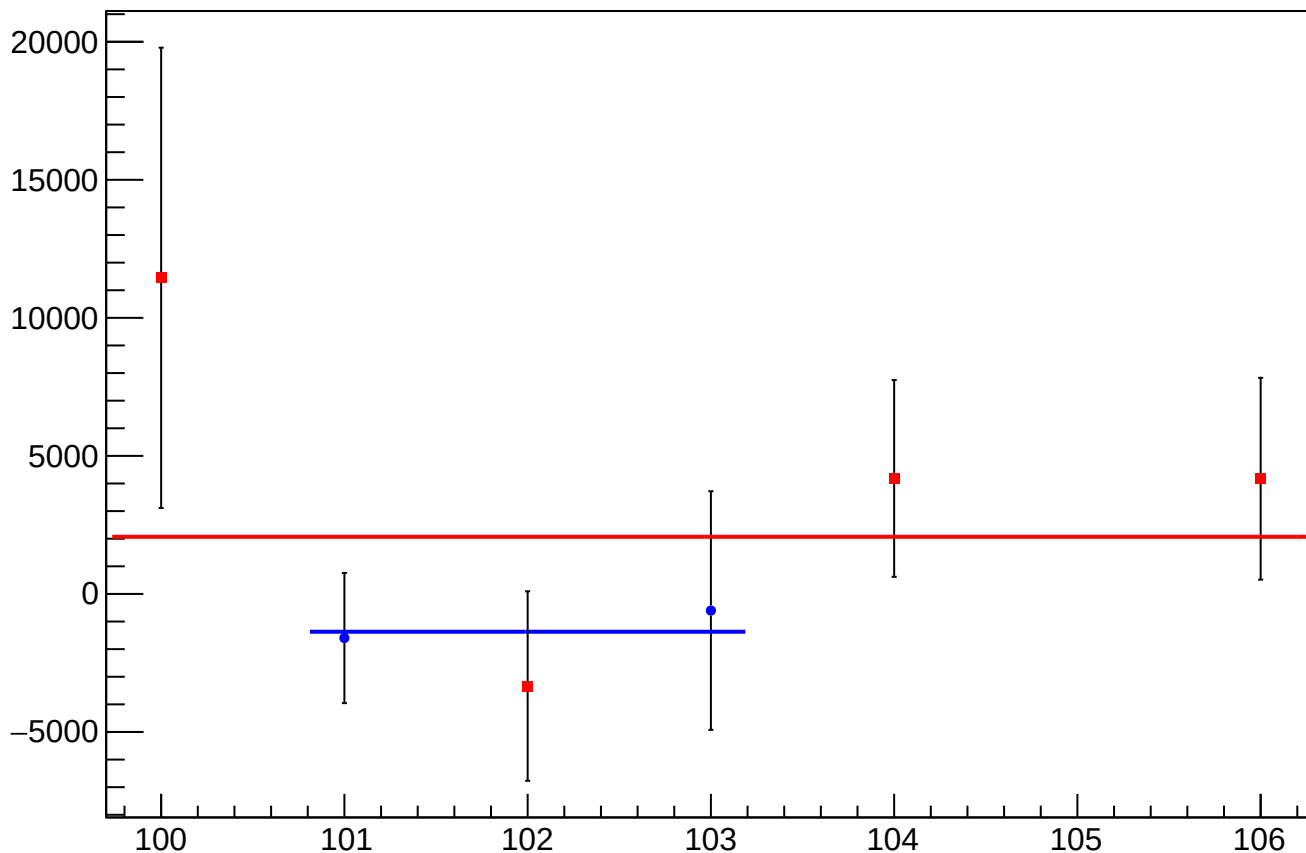
Right: 2185.431+/-1.015 χ^2/NDF : 667547.7/5

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2185.431+/-1.015 χ^2/NDF : 667547.7/5

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1369.360+/-2069.716 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.262+/-1988.858 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

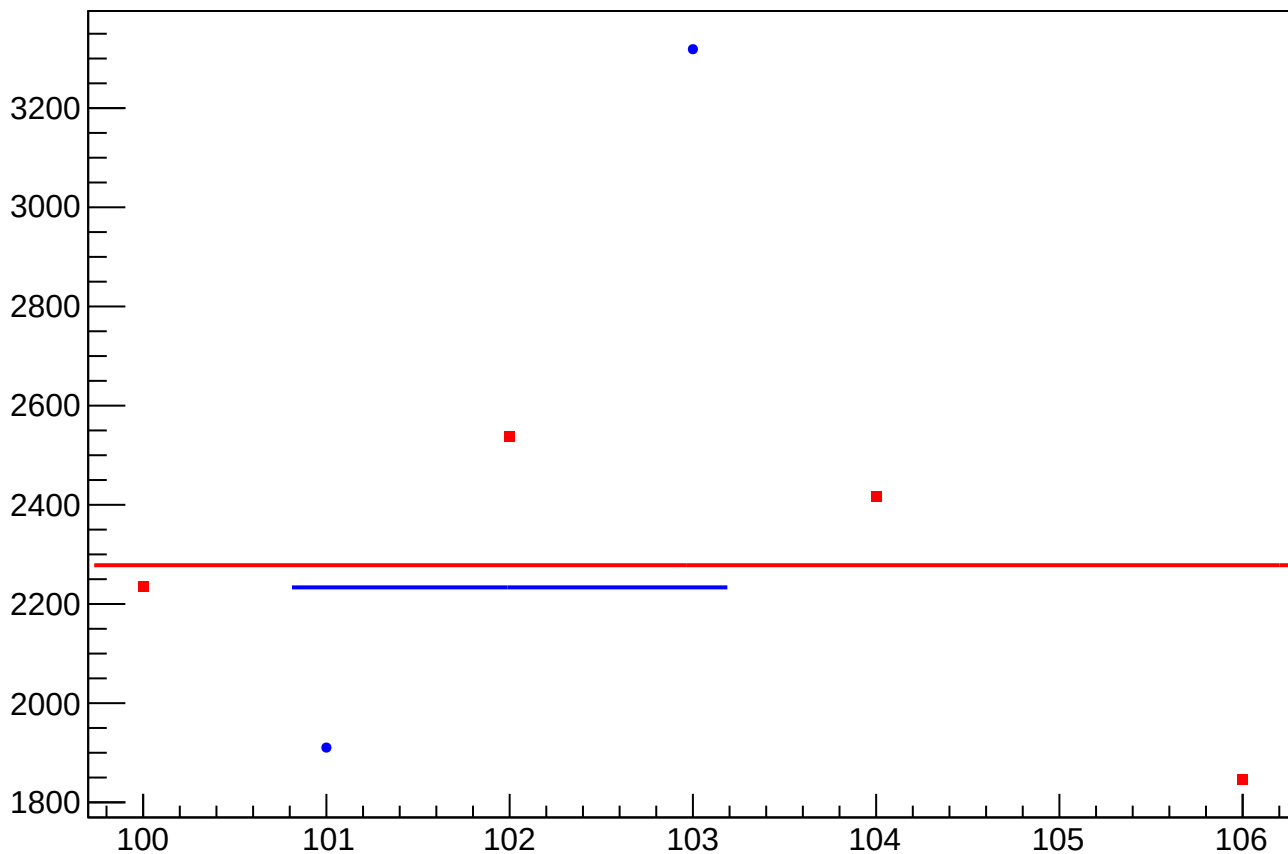
Right: 418.430+/-1434.068 χ^2/NDF : 5.9/5

In: -1369.360+/-2069.716 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.430+/-1434.068 χ^2/NDF : 5.9/5

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2278.220+/-1.406 χ^2/NDF : 42512.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

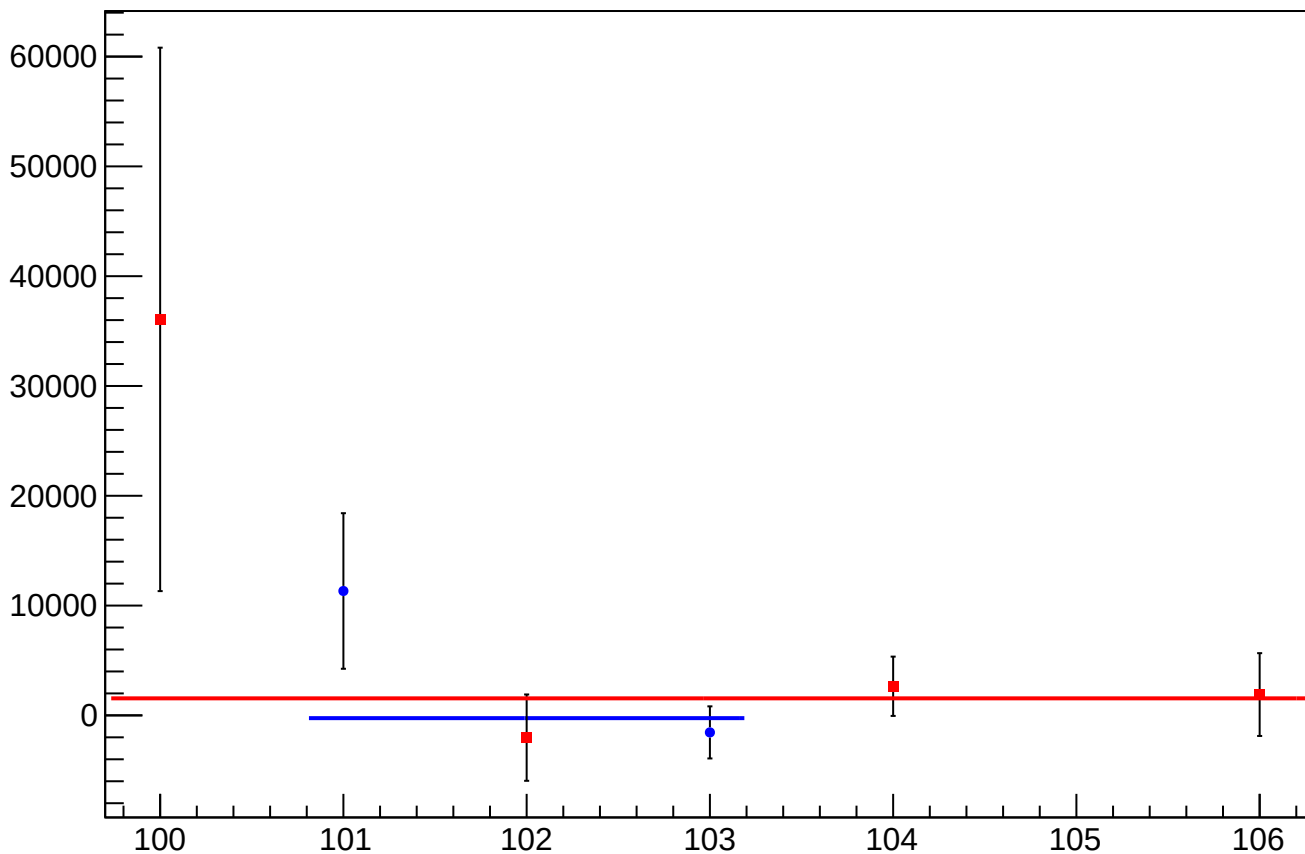
Right: 2256.747+/-1.014 χ^2/NDF : 206703.8/5

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2256.747+/-1.014 χ^2/NDF : 206703.8/5

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.225+/-2249.808 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.299+/-1911.109 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

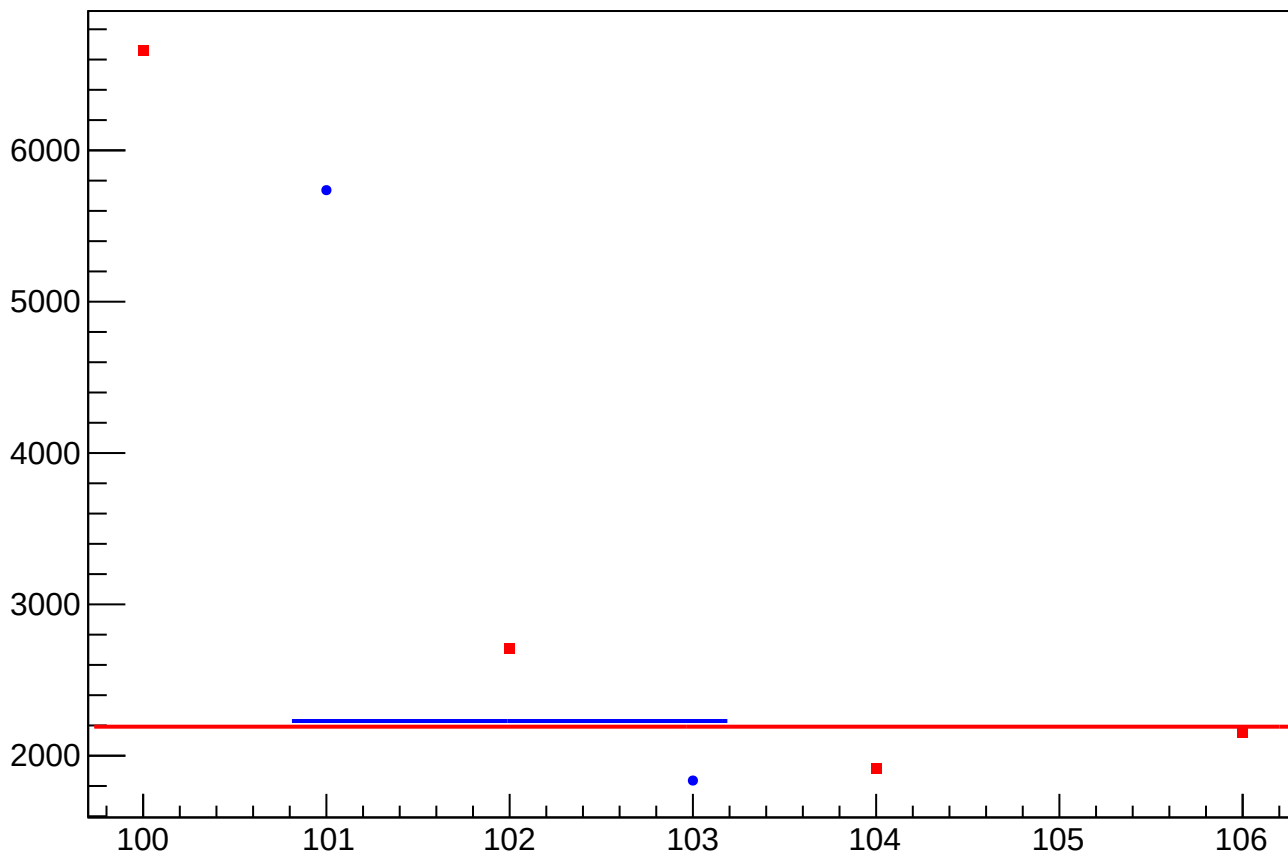
Right: 794.797+/-1456.541 χ^2/NDF : 6.3/5

In: -252.225+/-2249.808 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.797+/-1456.541 χ^2/NDF : 6.3/5

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2229.358+/-1.591 χ^2/NDF : 545237.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.845+/-1.351 χ^2/NDF : 121525.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

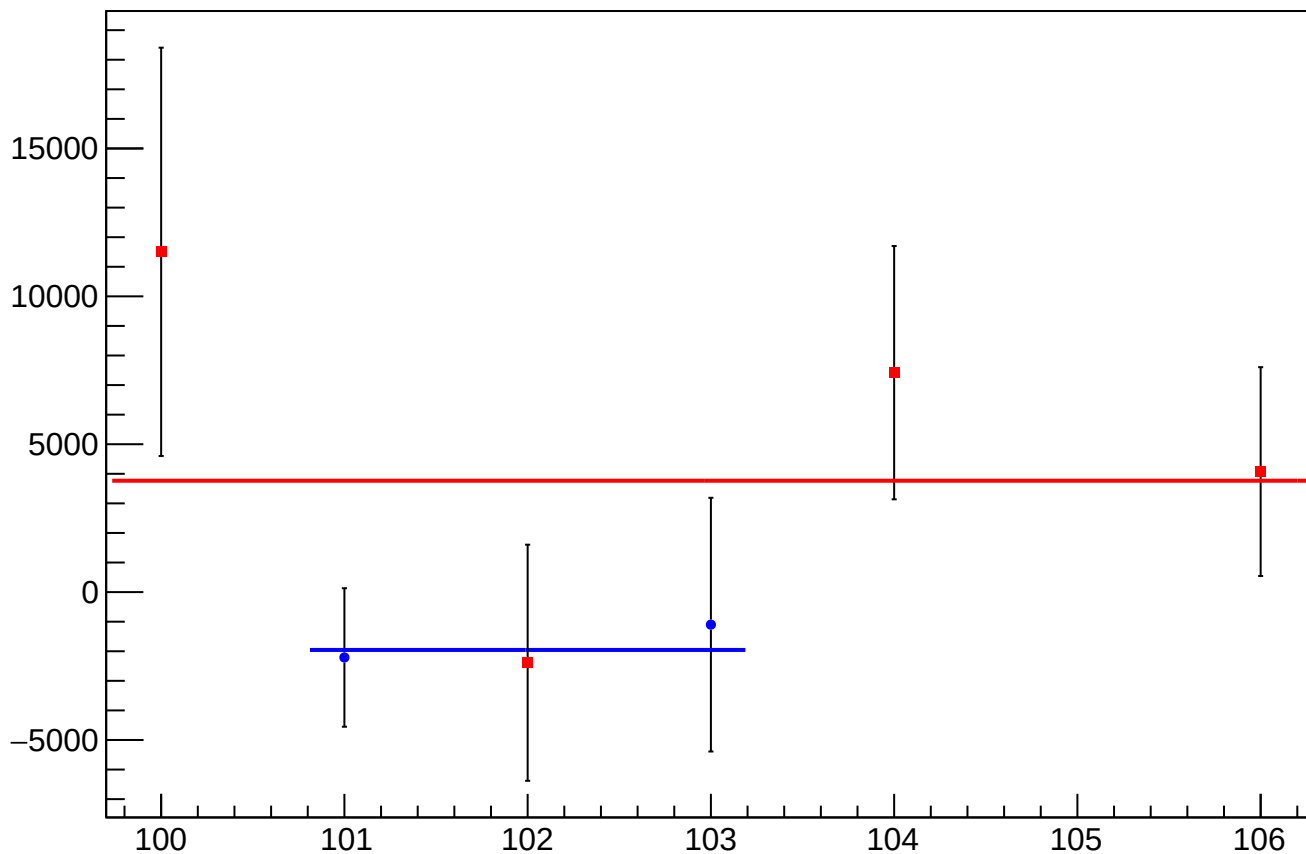
Right: 2207.567+/-1.030 χ^2/NDF : 667085.9/5

In: 2229.358+/-1.591 χ^2/NDF : 545237.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.567+/-1.030 χ^2/NDF : 667085.9/5

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1955.464 $\pm$ 2054.999 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3766.089 $\pm$ 2139.358 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

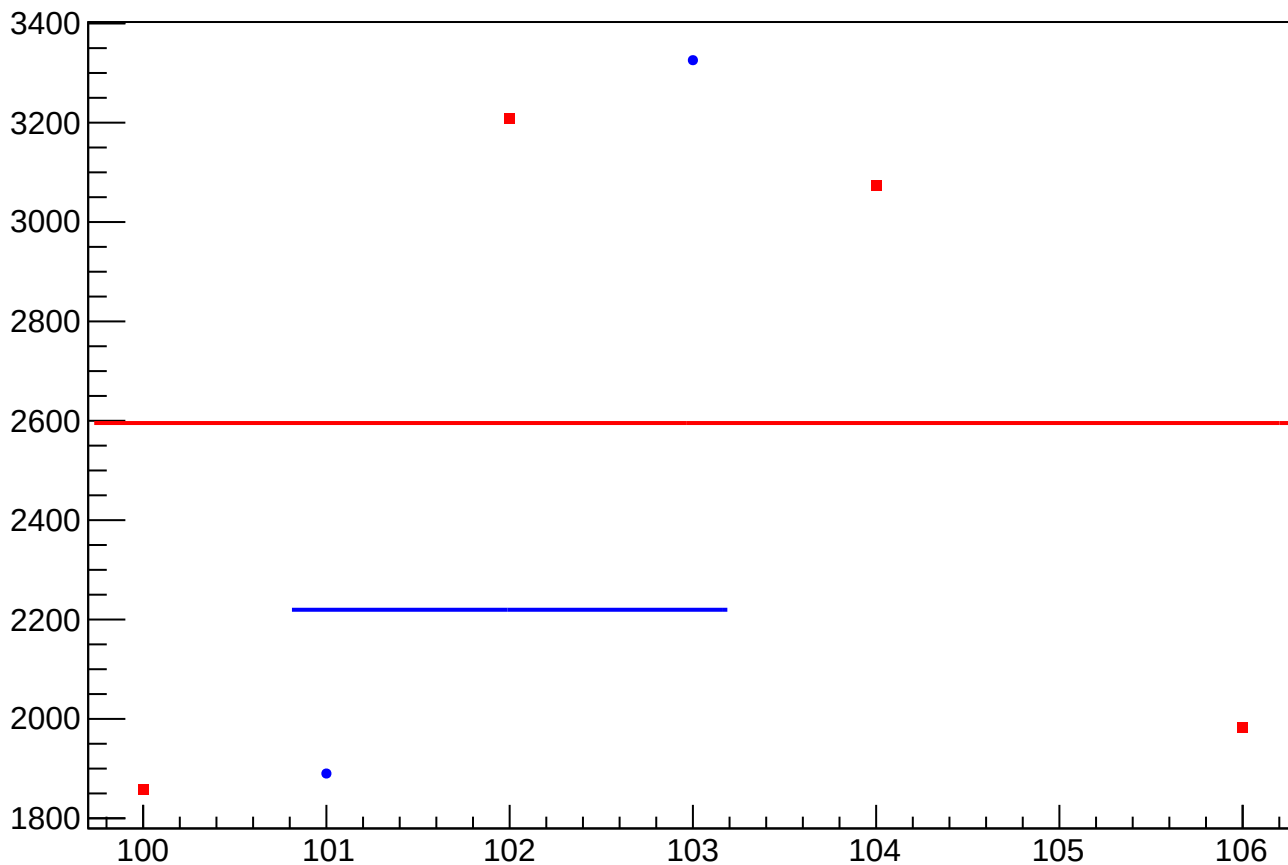
Right: 790.285 $\pm$ 1482.030 χ^2 /NDF: 8.1/5

In: -1955.464 $\pm$ 2054.999 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 790.285 $\pm$ 1482.030 χ^2 /NDF: 8.1/5

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2219.666+/-1.453 χ^2/NDF : 172642.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2595.477+/-1.513 χ^2/NDF : 155112.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

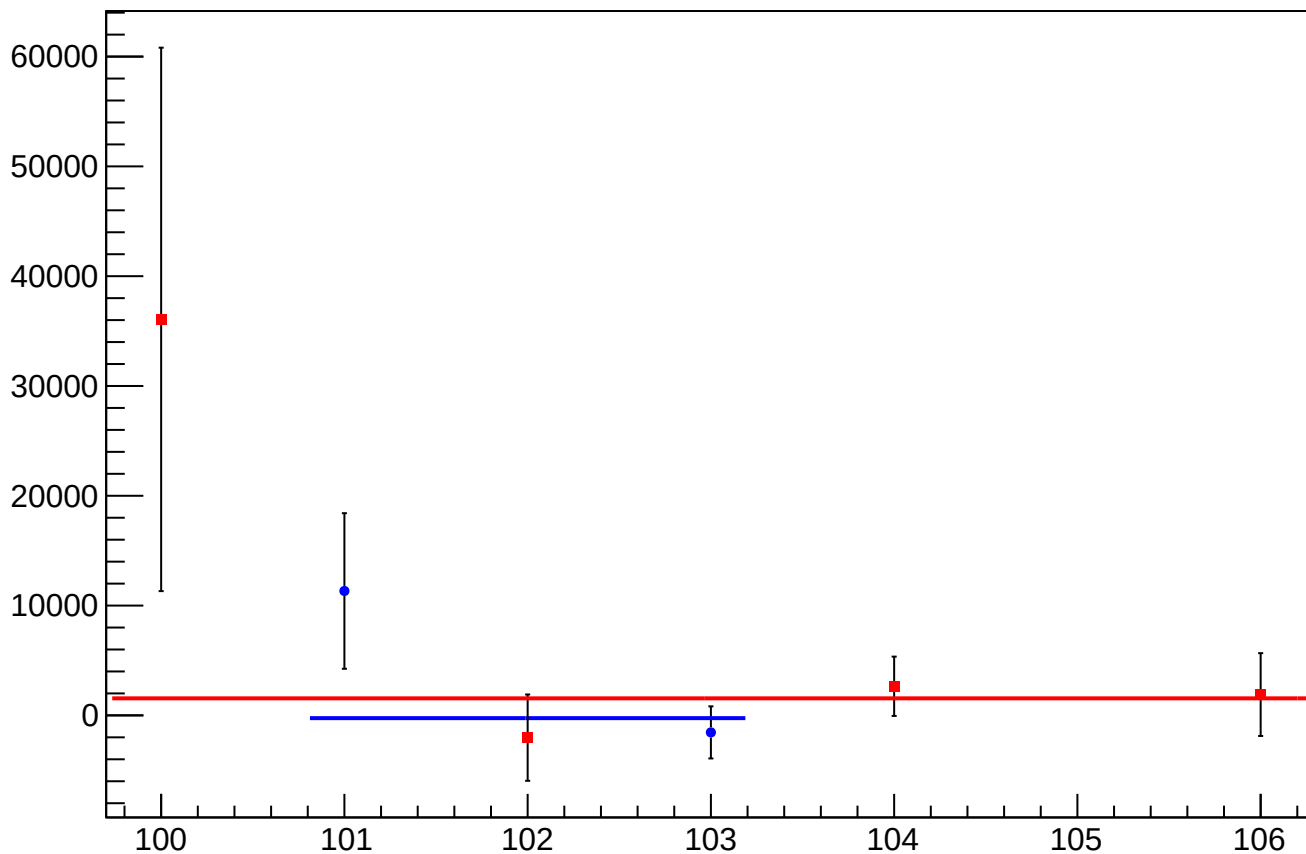
Right: 2400.016+/-1.048 χ^2/NDF : 359853.9/5

In: 2219.666+/-1.453 χ^2/NDF : 172642.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2400.016+/-1.048 χ^2/NDF : 359853.9/5

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.217+/-2249.807 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.306+/-1911.108 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

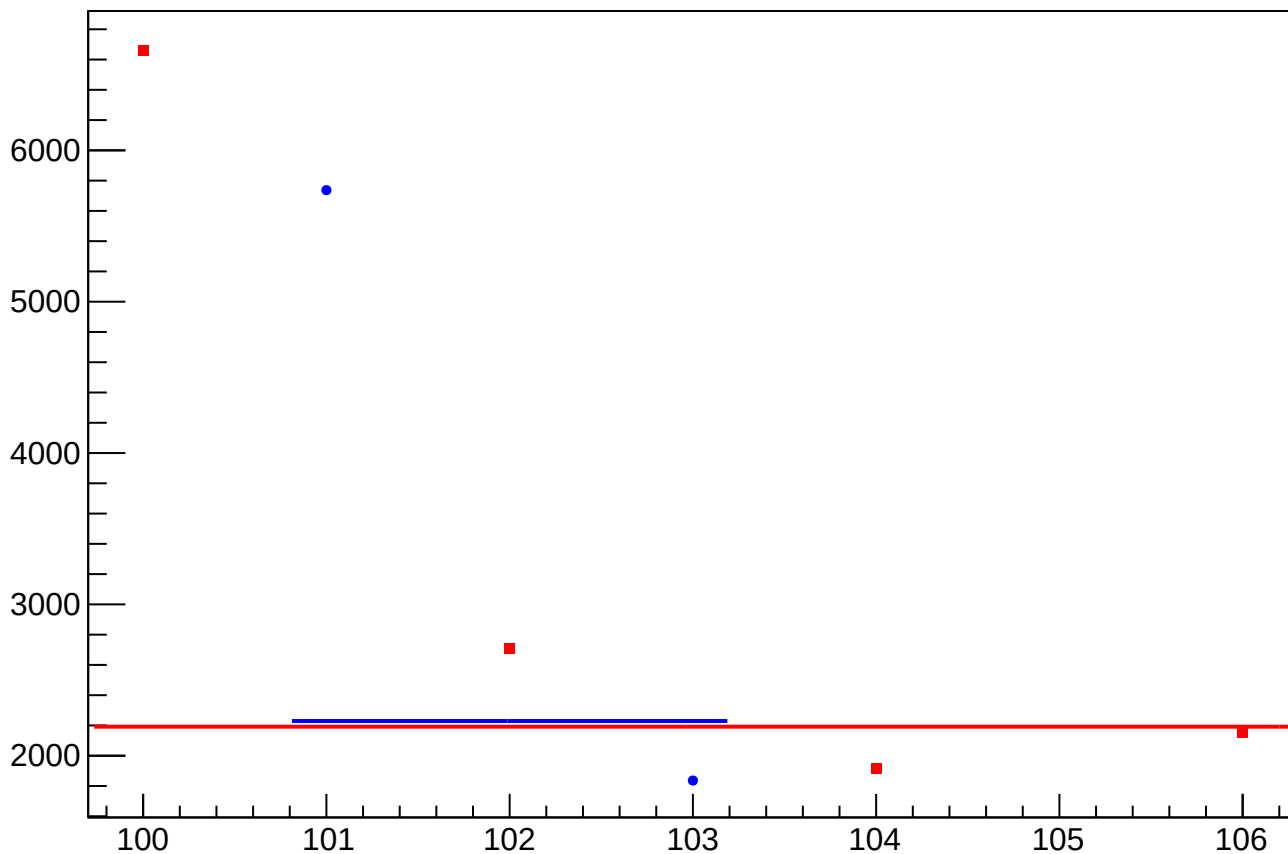
Right: 794.804+/-1456.541 χ^2/NDF : 6.3/5

In: -252.217+/-2249.807 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 794.804+/-1456.541 χ^2/NDF : 6.3/5

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2229.357+/-1.591 χ^2/NDF : 545238.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.844+/-1.351 χ^2/NDF : 121525.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

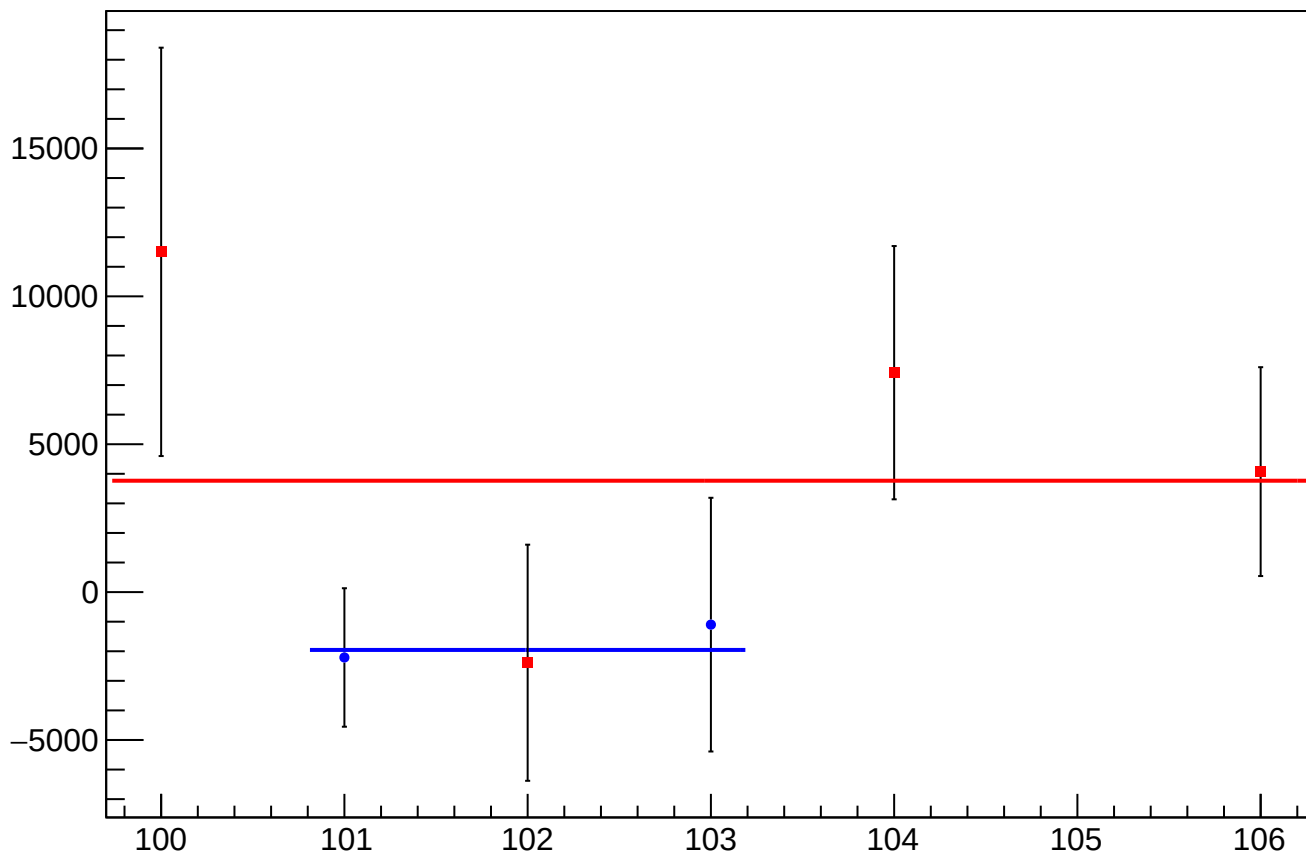
Right: 2207.567+/-1.030 χ^2/NDF : 667086.1/5

In: 2229.357+/-1.591 χ^2/NDF : 545238.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2207.567+/-1.030 χ^2/NDF : 667086.1/5

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1955.460 $\pm$ 2054.998 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3766.092 $\pm$ 2139.359 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

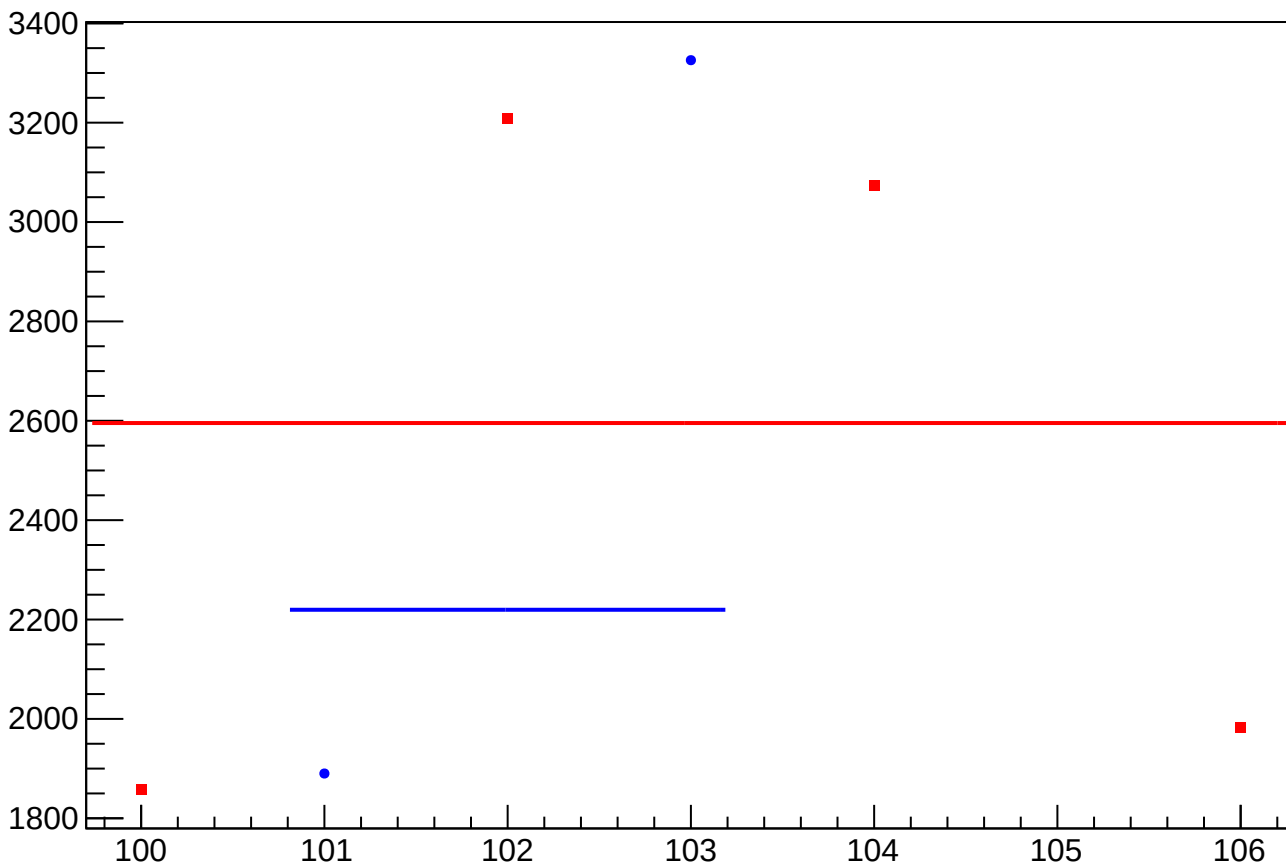
Right: 790.285 $\pm$ 1482.030 χ^2 /NDF: 8.1/5

In: -1955.460 $\pm$ 2054.998 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 790.285 $\pm$ 1482.030 χ^2 /NDF: 8.1/5

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2219.664+/-1.453 χ^2/NDF : 172644.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2595.478+/-1.513 χ^2/NDF : 155114.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

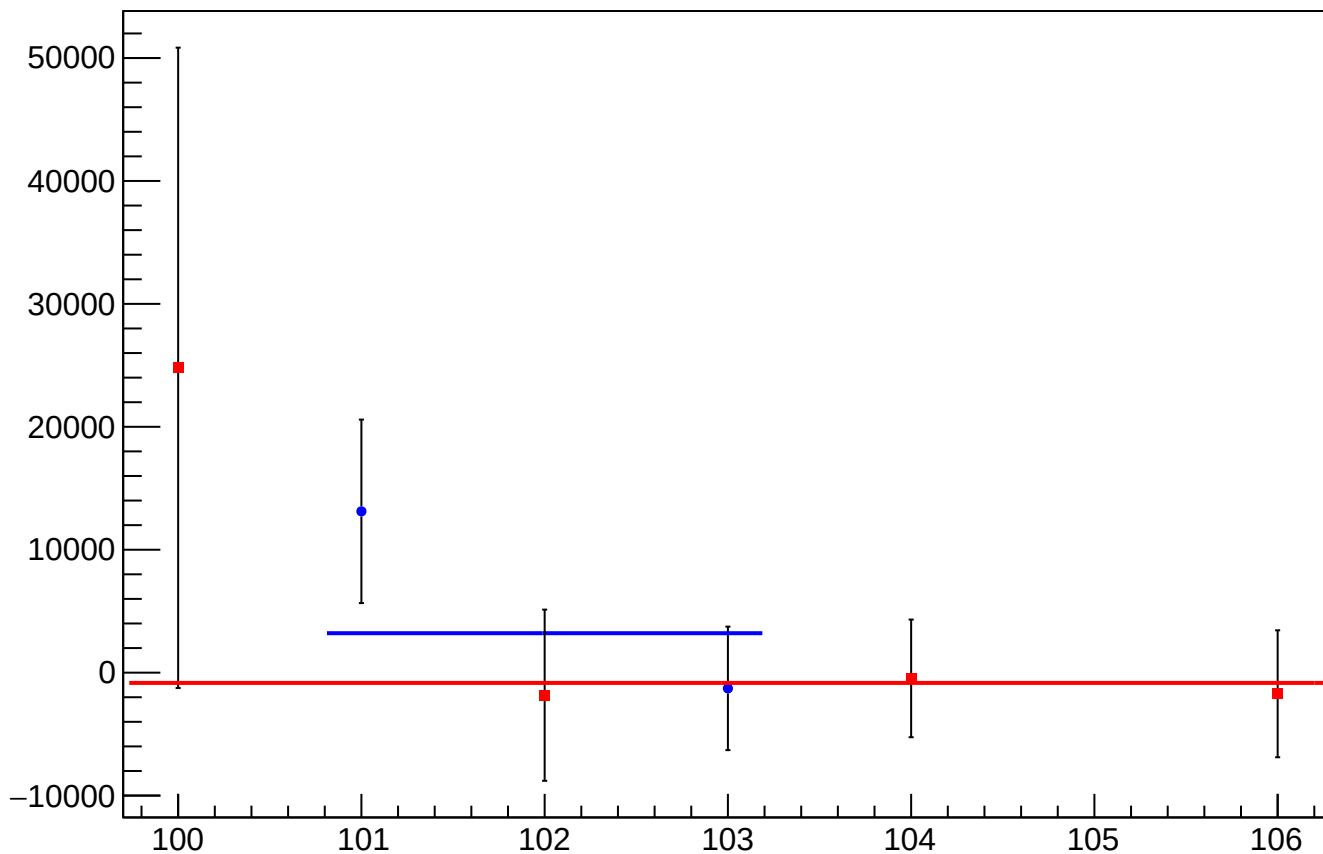
Right: 2400.015+/-1.048 χ^2/NDF : 359858.5/5

In: 2219.664+/-1.453 χ^2/NDF : 172644.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2400.015+/-1.048 χ^2/NDF : 359858.5/5

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 3209.087+/-4167.344 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -834.640+/-3111.925 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

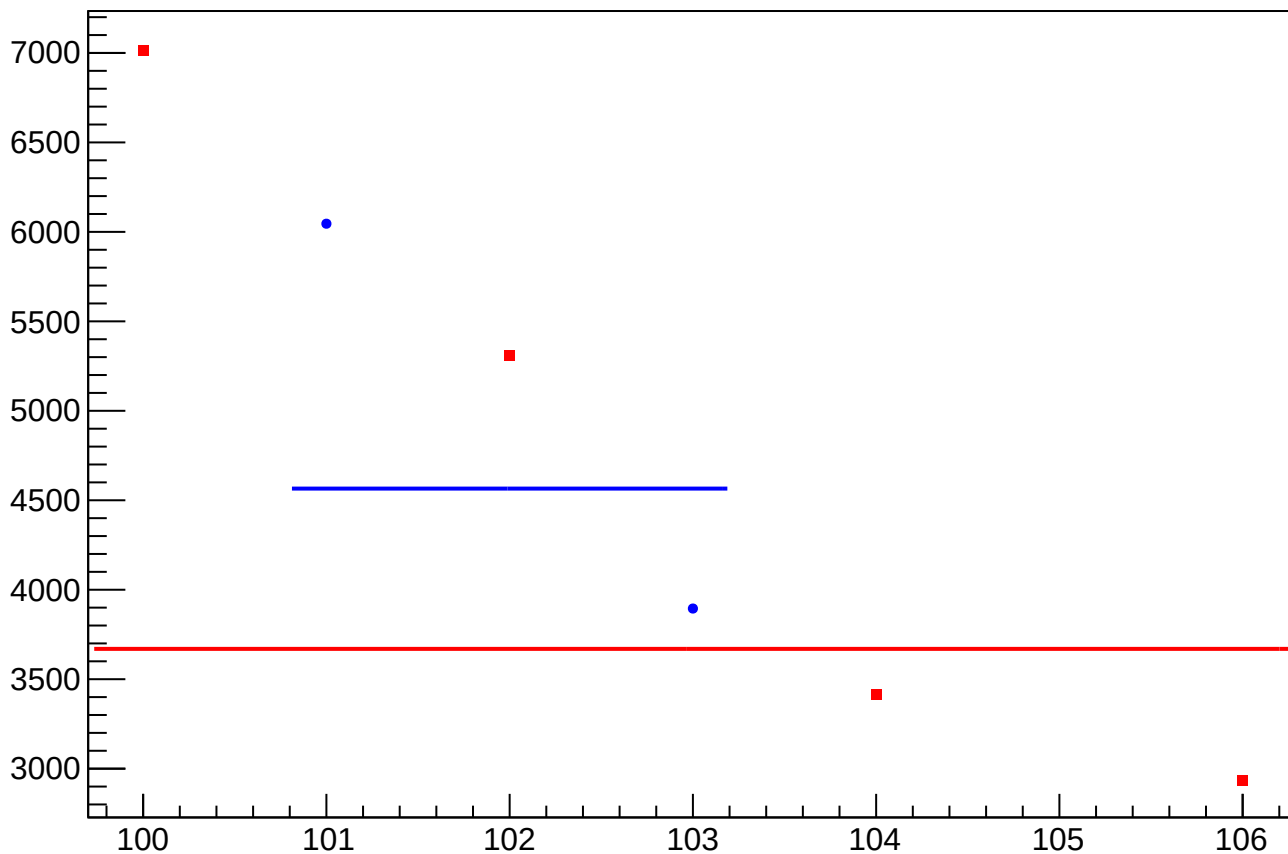
Right: 612.996+/-2493.436 χ^2/NDF : 4.2/5

In: 3209.087+/-4167.344 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.996+/-2493.436 χ^2/NDF : 4.2/5

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 4565.307+/-2.947 χ^2/NDF : 114289.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3669.521+/-2.200 χ^2/NDF : 190061.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

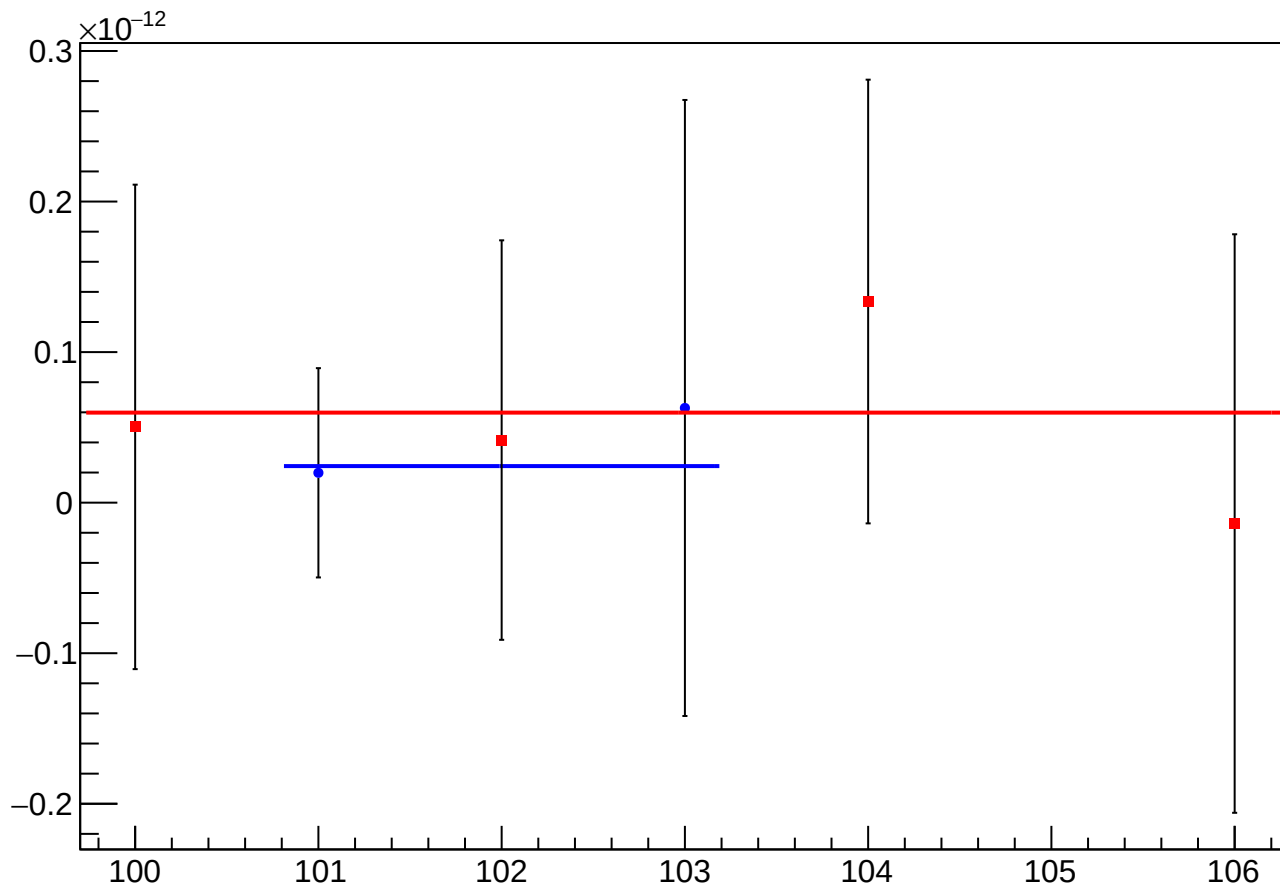
Right: 3990.189+/-1.763 χ^2/NDF : 363681.2/5

In: 4565.307+/-2.947 χ^2/NDF : 114289.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3990.189+/-1.763 χ^2/NDF : 363681.2/5

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

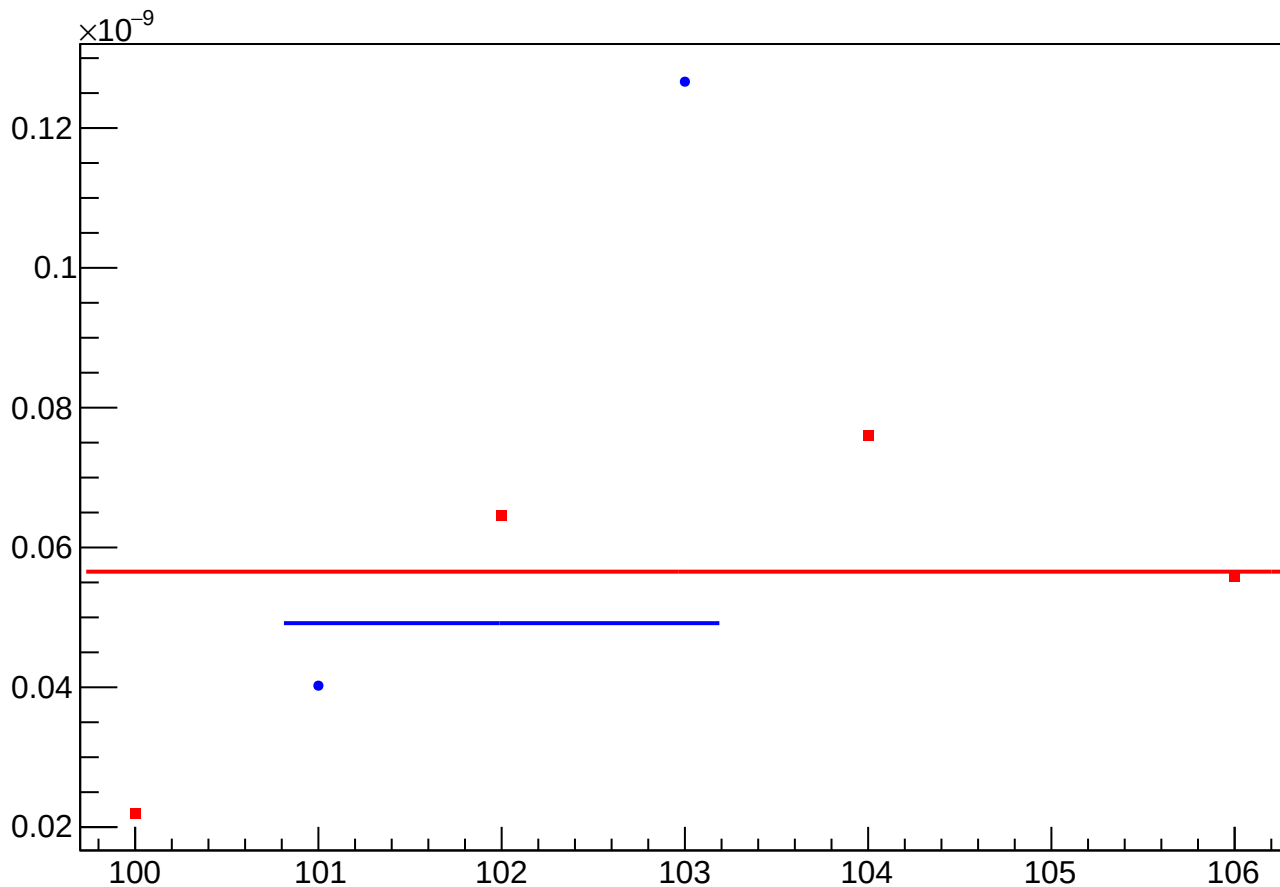
Right: 0.000+/-0.000 χ^2/NDF : 0.6/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.6/5

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 319749.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134448.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

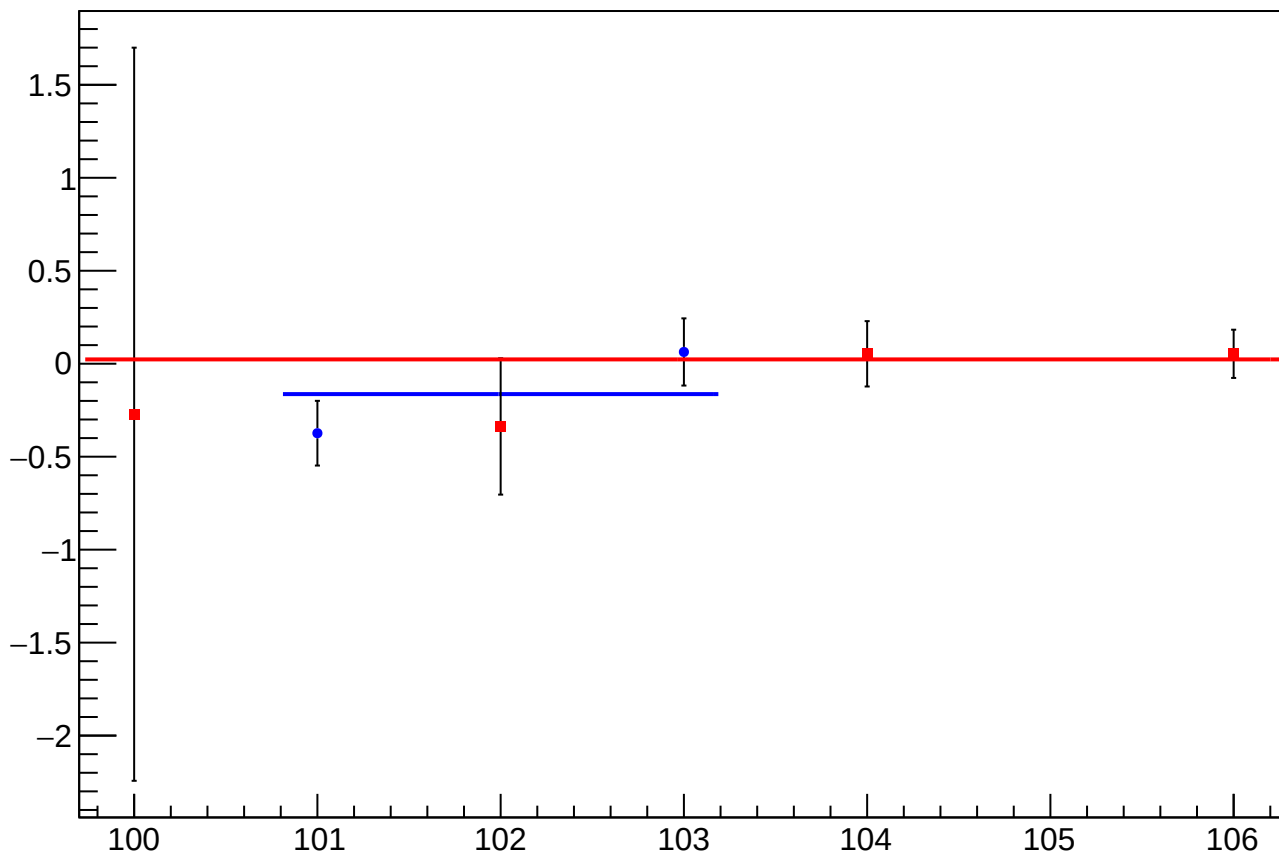
Right: 0.000+/-0.000 χ^2/NDF : 464775.9/5

In: 0.000+/-0.000 χ^2/NDF : 319749.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 464775.9/5

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.100 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

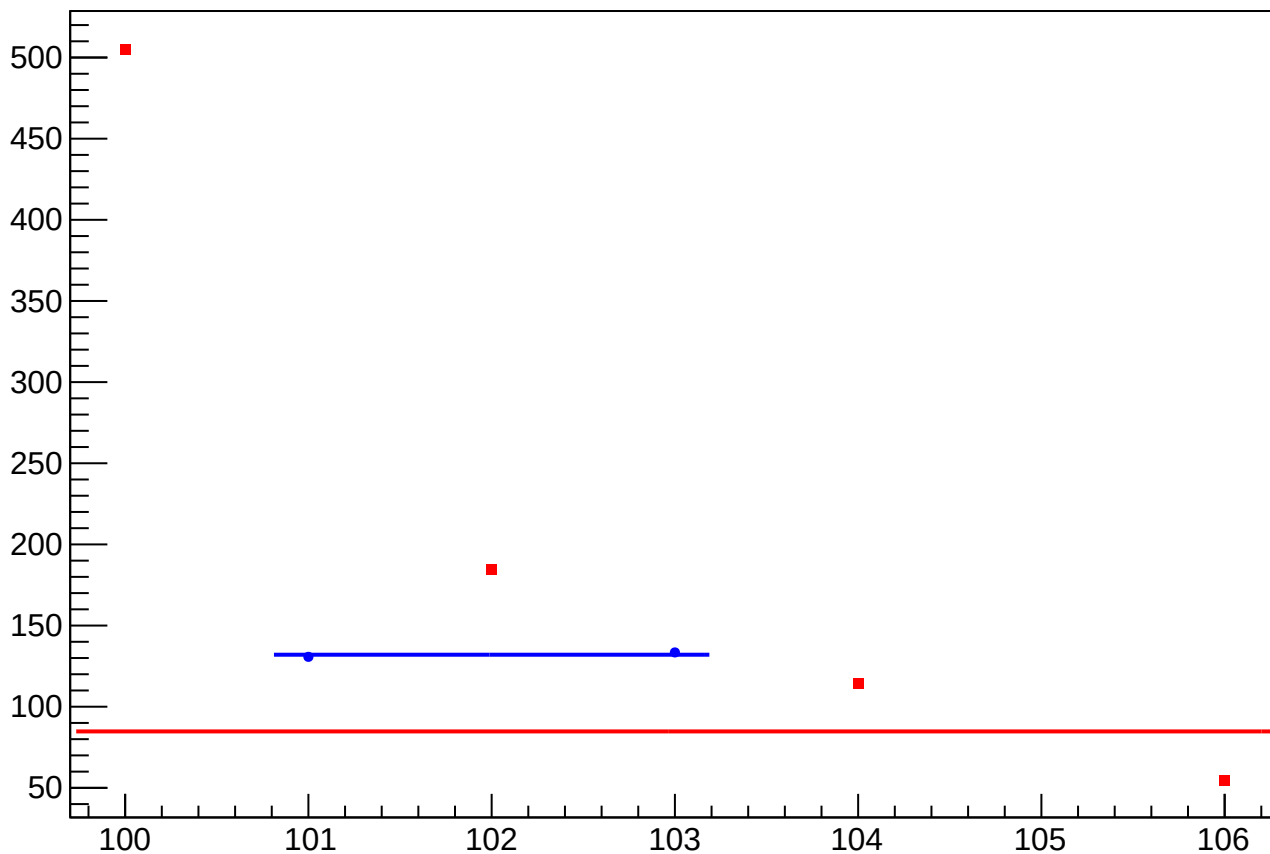
Right: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

In: -0.163 $\pm$ 0.125 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.034+/-0.089 χ^2/NDF : 233.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.772+/-0.071 χ^2/NDF : 403957.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

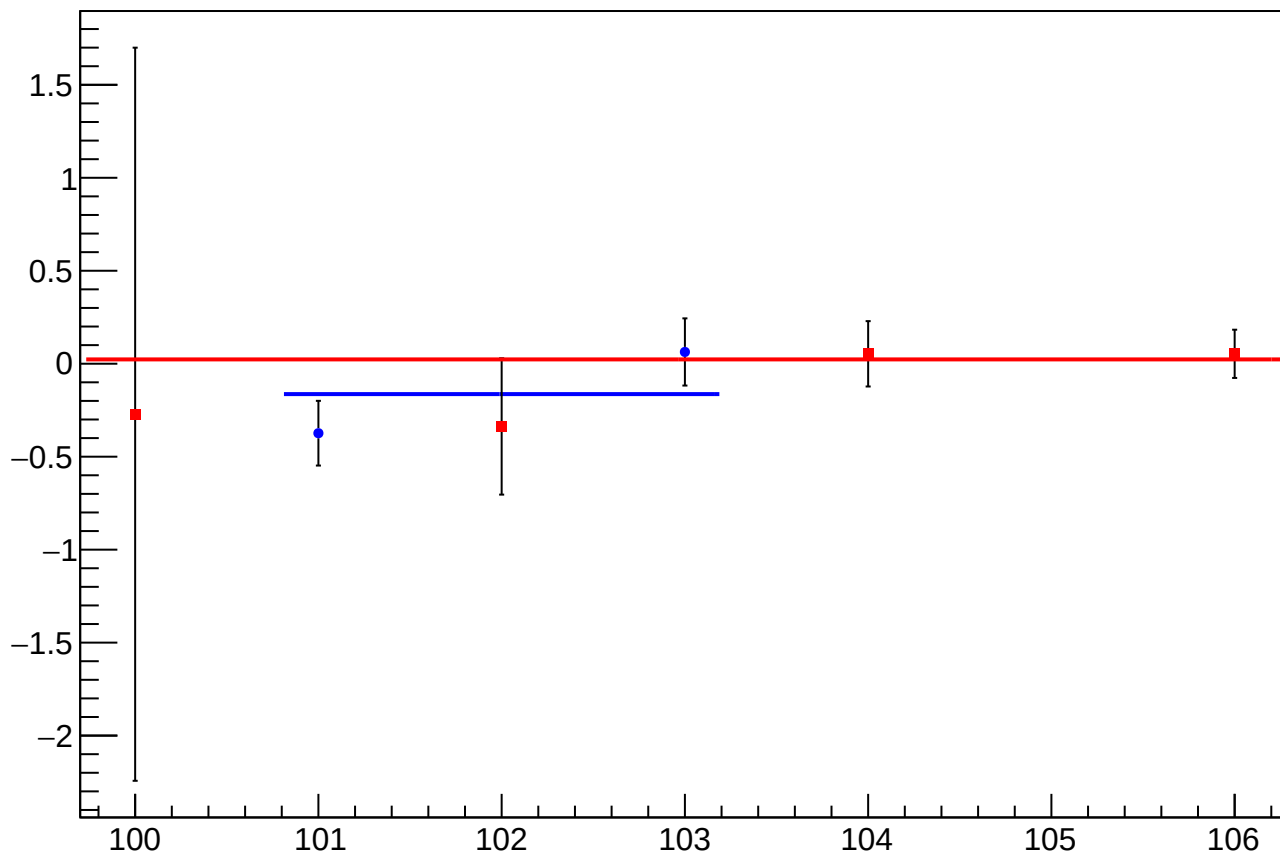
Right: 103.212+/-0.055 χ^2/NDF : 577623.2/5

In: 132.034+/-0.089 χ^2/NDF : 233.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.212+/-0.055 χ^2/NDF : 577623.2/5

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.100 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

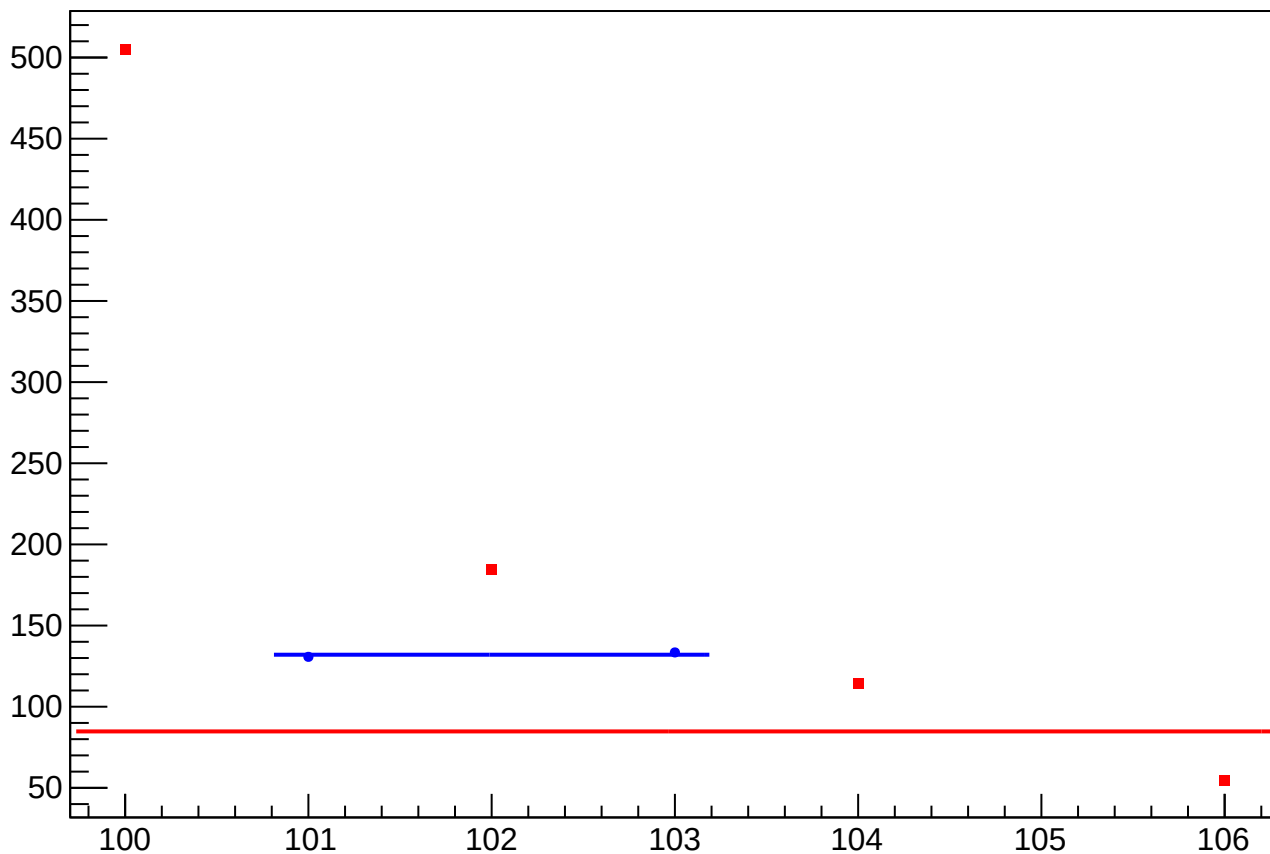
Right: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

In: -0.163 $\pm$ 0.125 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.034 $\pm$ 0.089 χ^2 /NDF: 233.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.772 $\pm$ 0.071 χ^2 /NDF: 403957.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

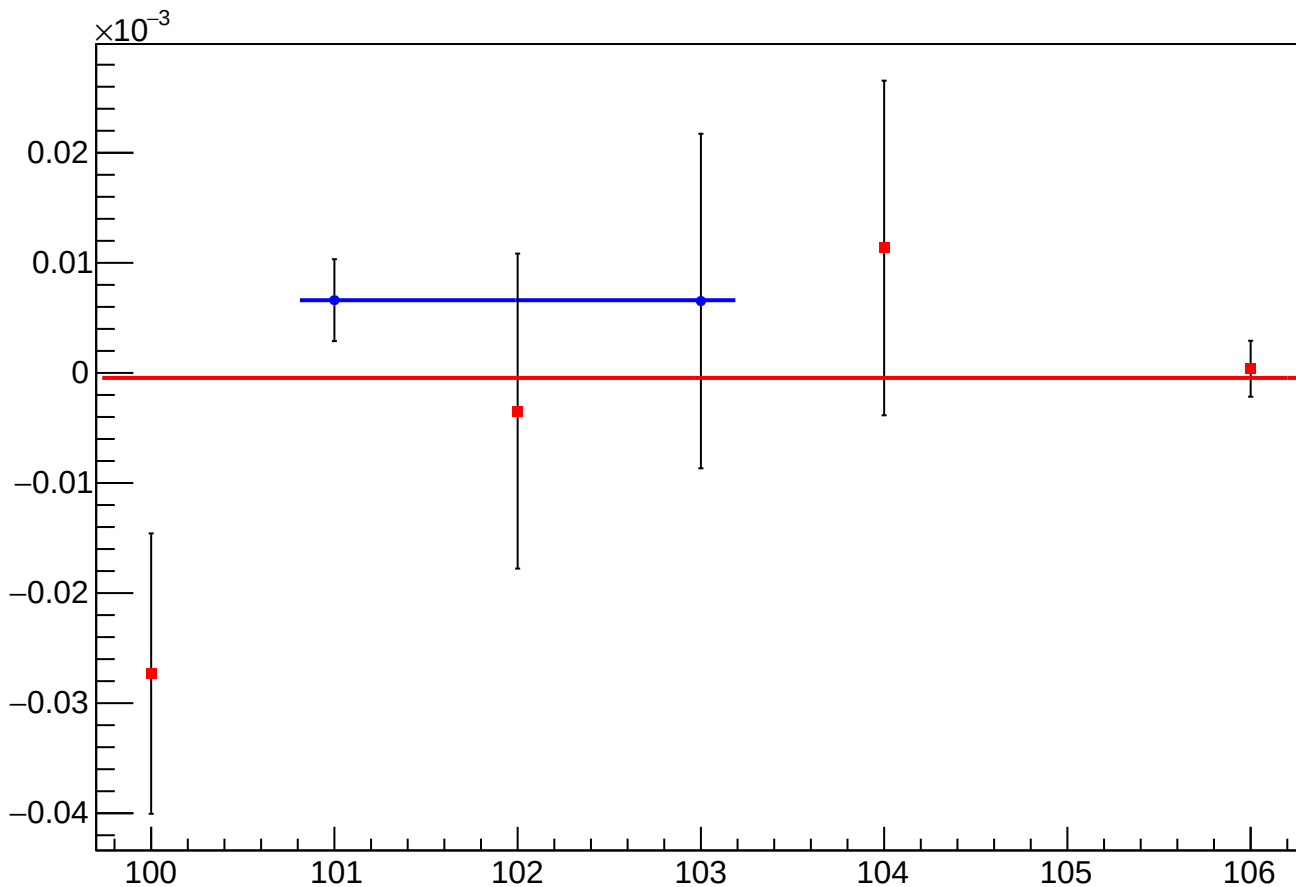
Right: 103.212 $\pm$ 0.055 χ^2 /NDF: 577623.2/5

In: 132.034 $\pm$ 0.089 χ^2 /NDF:233.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.212 $\pm$ 0.055 χ^2 /NDF: 577623.2/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

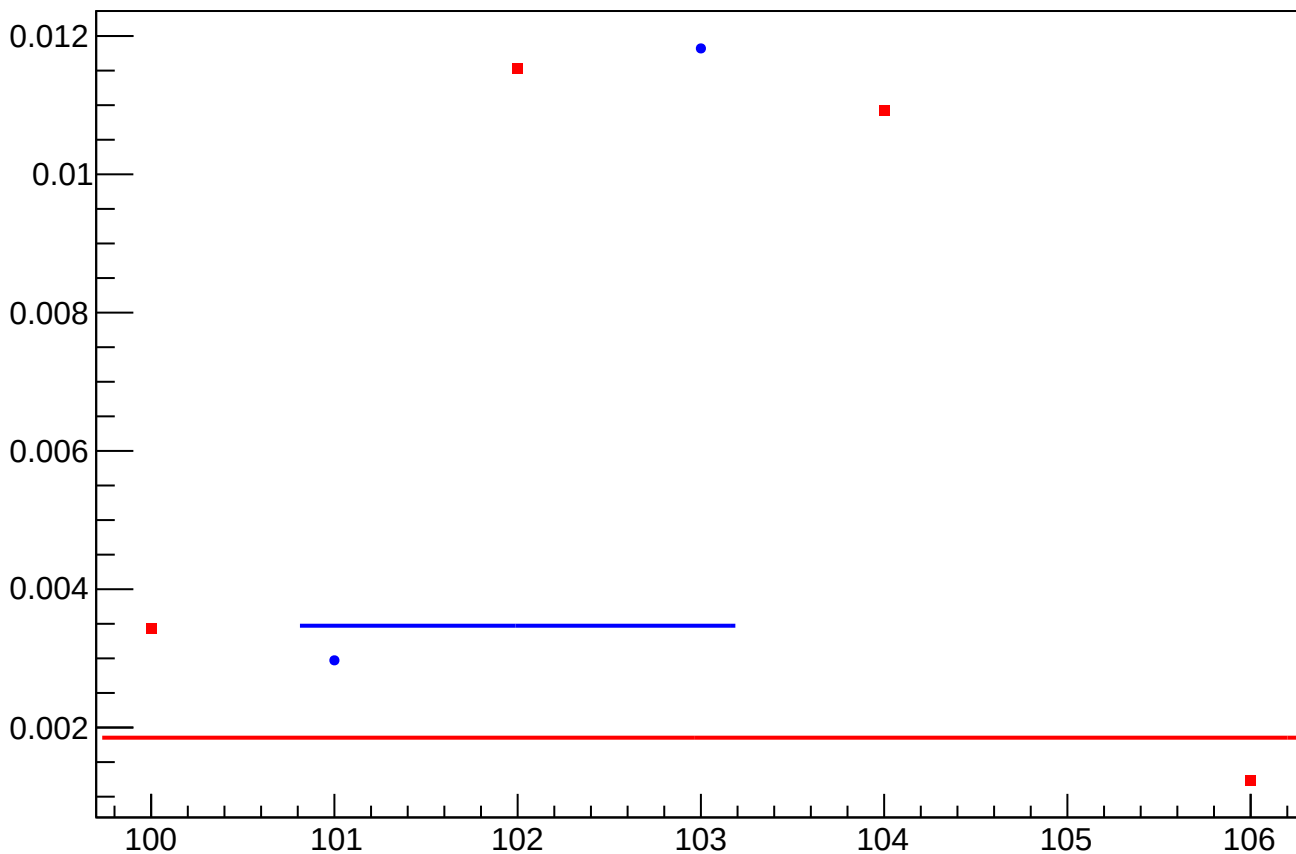
Right: 0.000+/-0.000 χ^2/NDF : 7.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 639800.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1775173.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

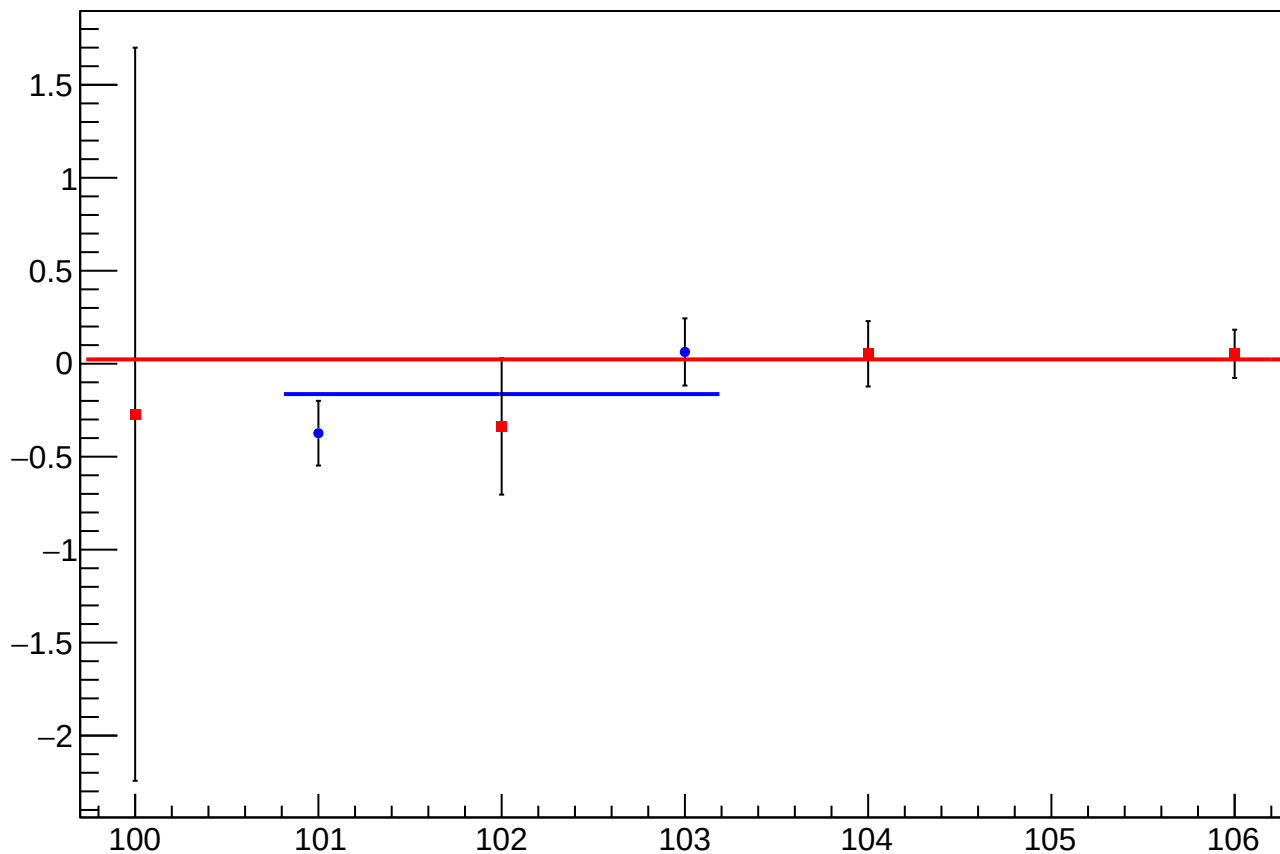
Right: 0.002+/-0.000 χ^2/NDF : 2691763.5/5

In: 0.003+/-0.000 χ^2/NDF :639800.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2691763.5/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163 $\pm$ 0.125 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.100 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

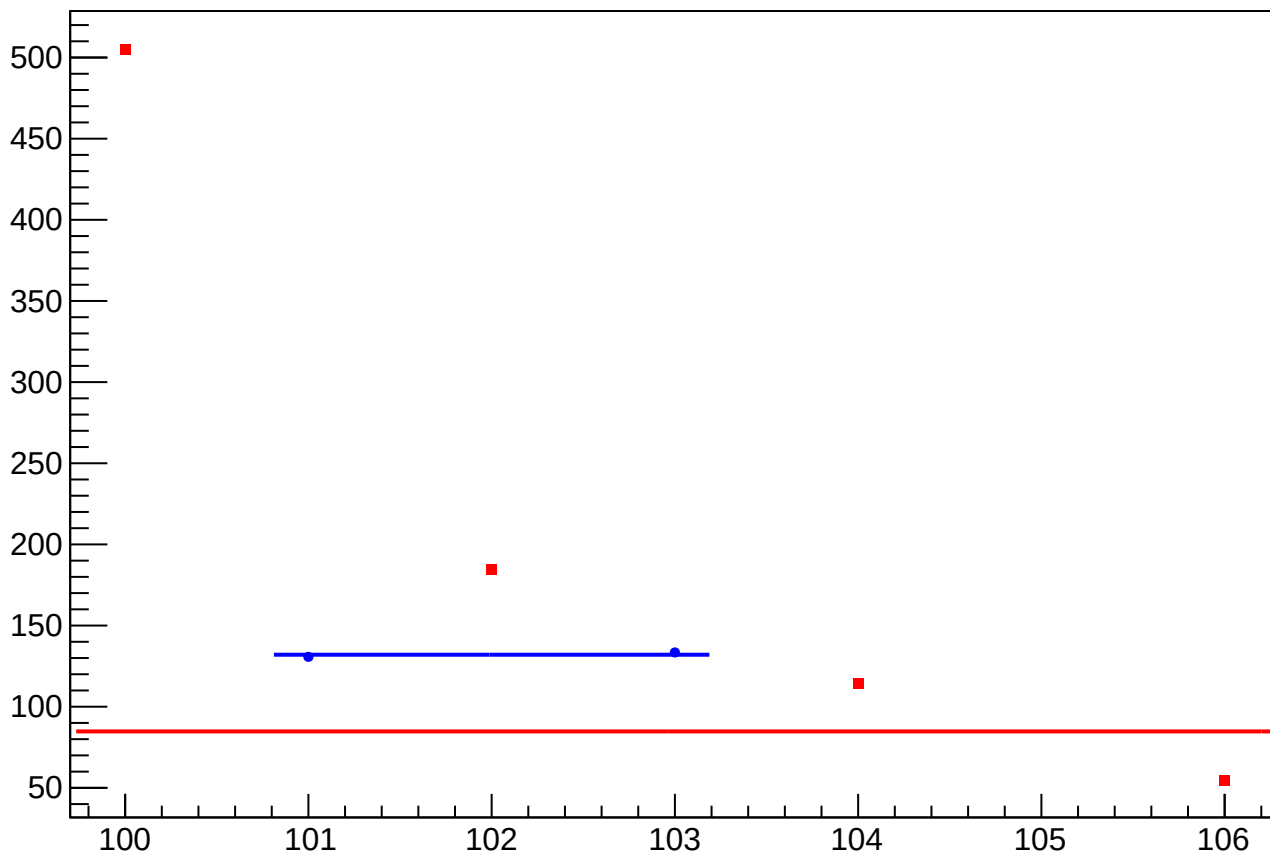
Right: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

In: -0.163 $\pm$ 0.125 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.050 $\pm$ 0.078 χ^2 /NDF: 5.5/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.769+/-0.071 χ^2/NDF : 403922.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

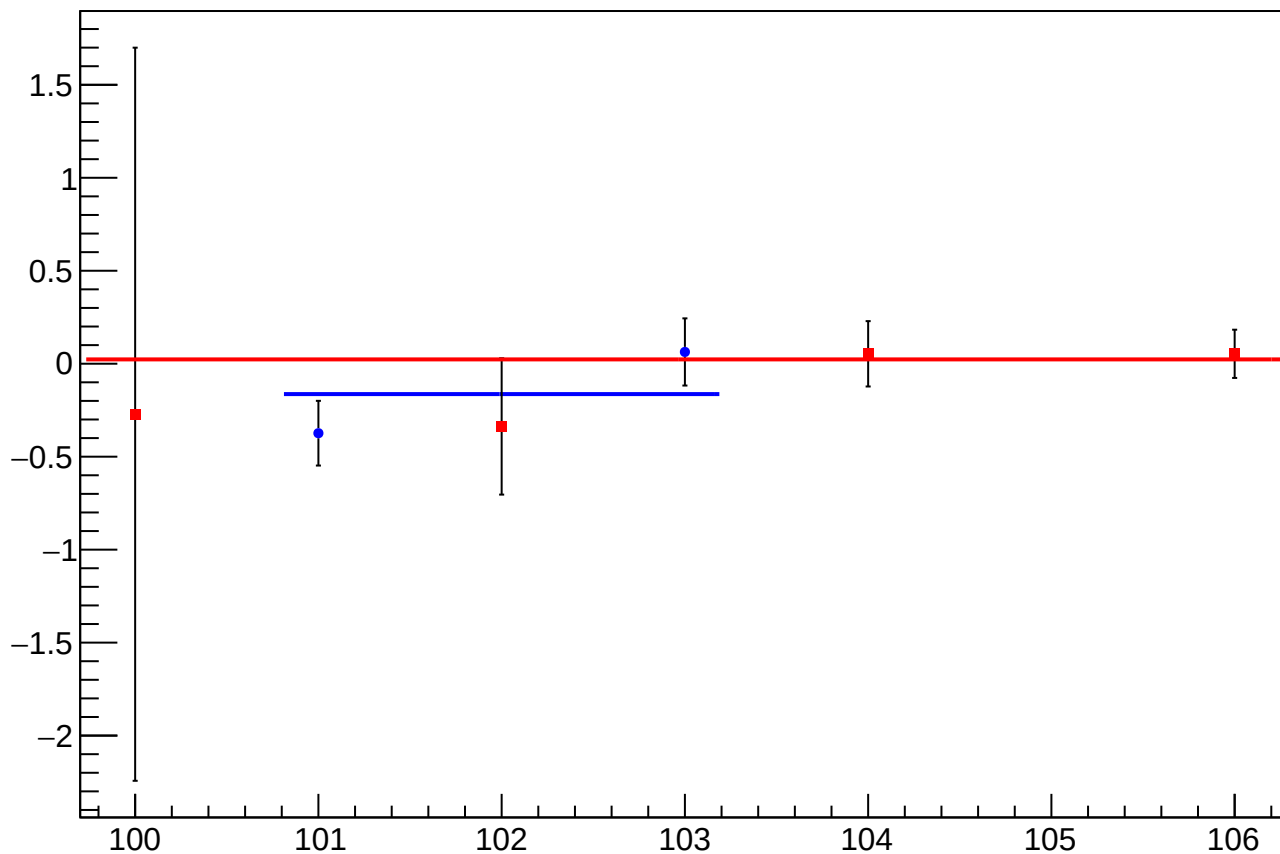
Right: 103.208+/-0.055 χ^2/NDF : 577587.8/5

In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.208+/-0.055 χ^2/NDF : 577587.8/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.163+/-0.125 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.100 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

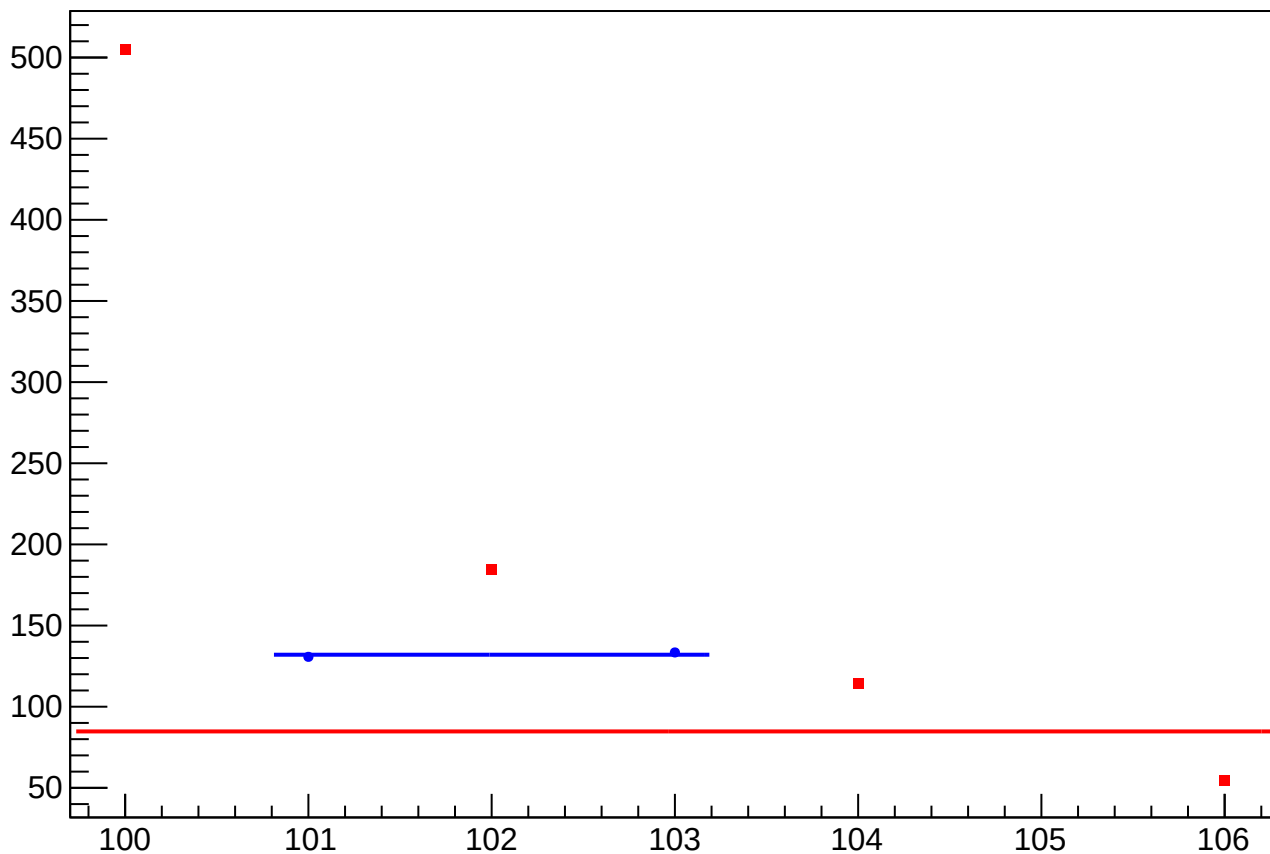
Right: -0.050+/-0.078 χ^2/NDF : 5.5/5

In: -0.163+/-0.125 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.050+/-0.078 χ^2/NDF : 5.5/5

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.769+/-0.071 χ^2/NDF : 403922.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

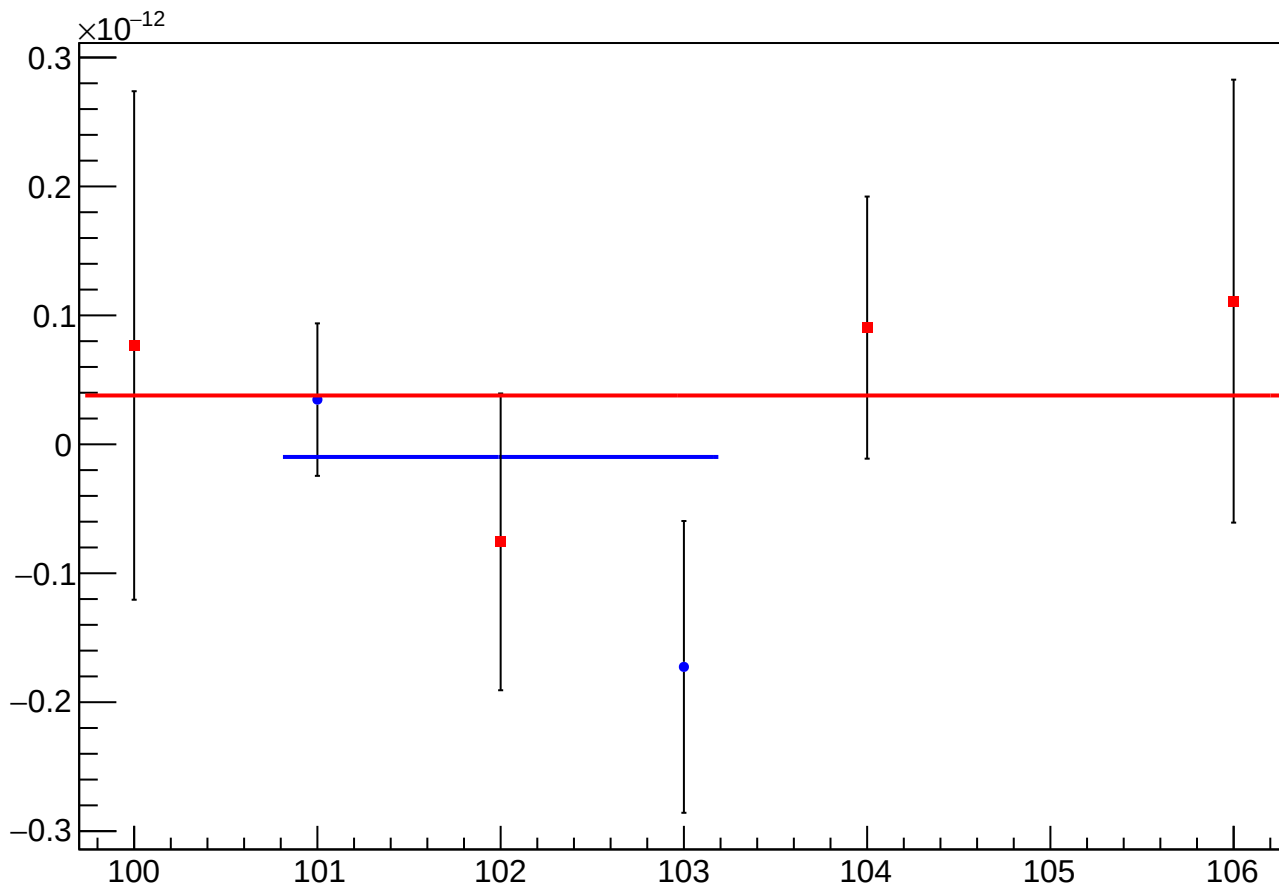
Right: 103.208+/-0.055 χ^2/NDF : 577587.8/5

In: 132.029+/-0.089 χ^2/NDF : 231.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.208+/-0.055 χ^2/NDF : 577587.8/5

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

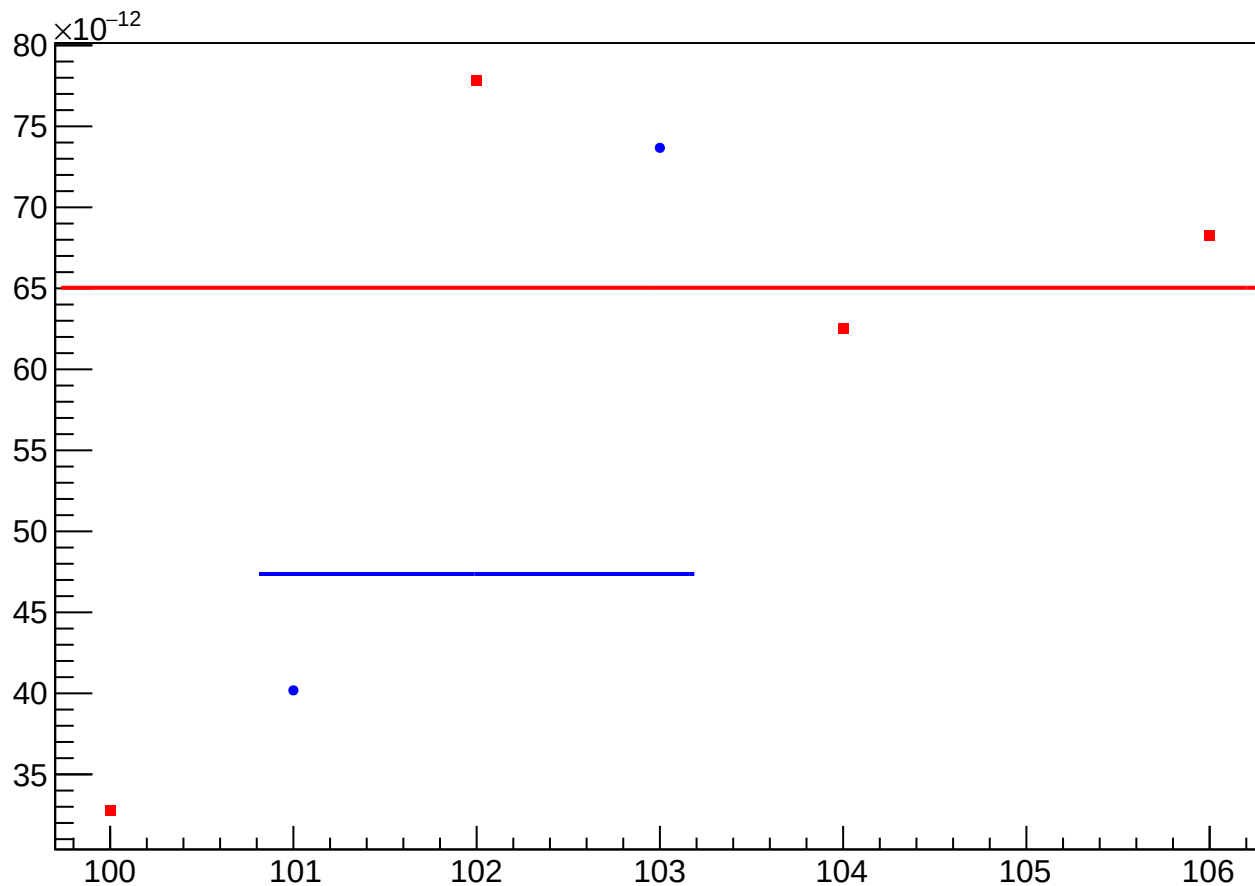
Right: 0.000+/-0.000 χ^2/NDF : 4.4/5

In: -0.000+/-0.000 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.4/5

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 137612.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 80098.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

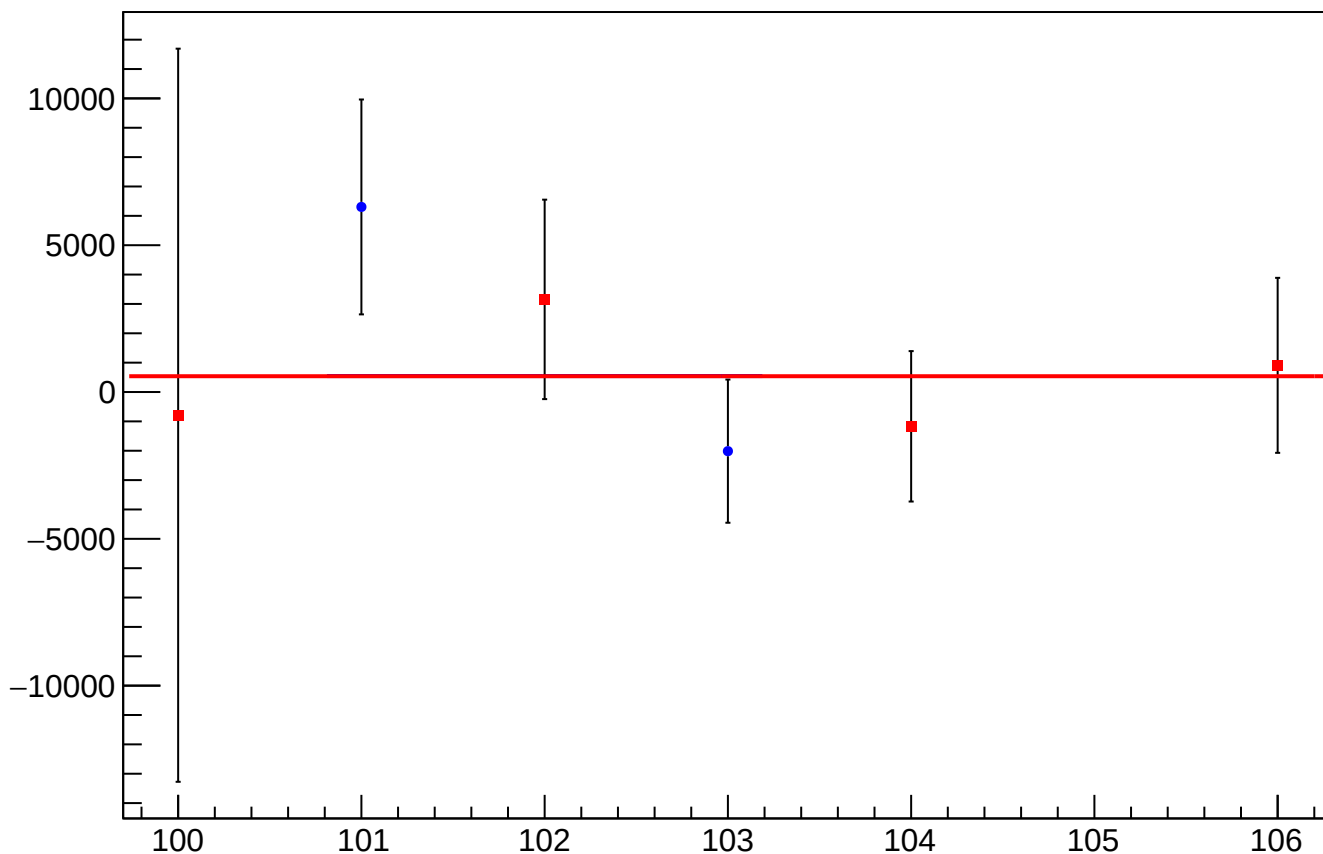
Right: 0.000+/-0.000 χ^2/NDF : 306161.0/5

In: 0.000+/-0.000 χ^2/NDF : 137612.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 306161.0/5

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 543.992+/-2029.258 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.110+/-1670.986 χ^2/NDF : 1.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

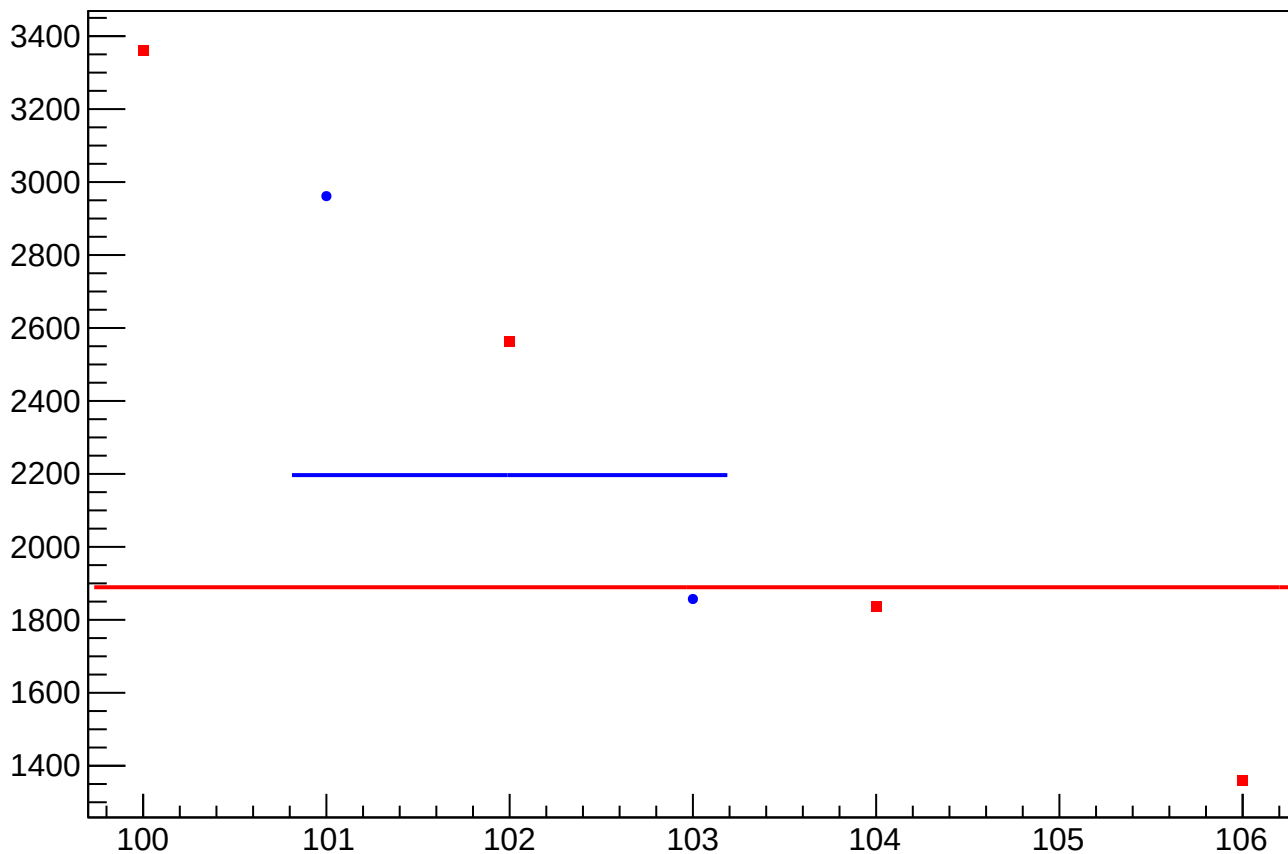
Right: 540.487+/-1289.937 χ^2/NDF : 4.6/5

In: 543.992+/-2029.258 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.487+/-1289.937 χ^2/NDF : 4.6/5

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.750+/-1.435 χ^2/NDF : 126125.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.375+/-1.182 χ^2/NDF : 169935.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

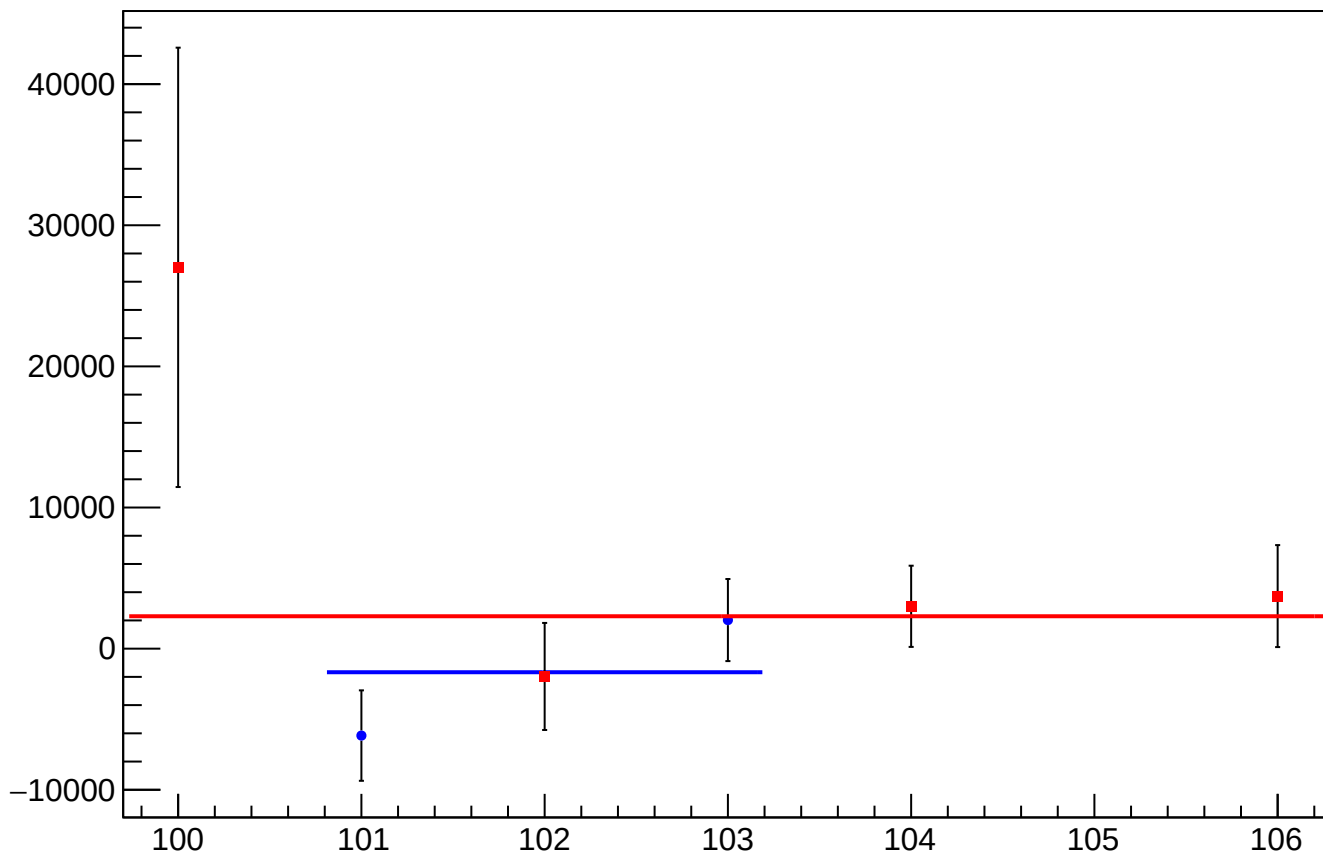
Right: 2013.574+/-0.912 χ^2/NDF : 323407.1/5

In: 2196.750+/-1.435 χ^2/NDF : 126125.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2013.574+/-0.912 χ^2/NDF : 323407.1/5

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1670.681+/-2153.274 χ^2 /NDF: 3.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2296.065+/-1920.599 χ^2 /NDF: 4.0/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

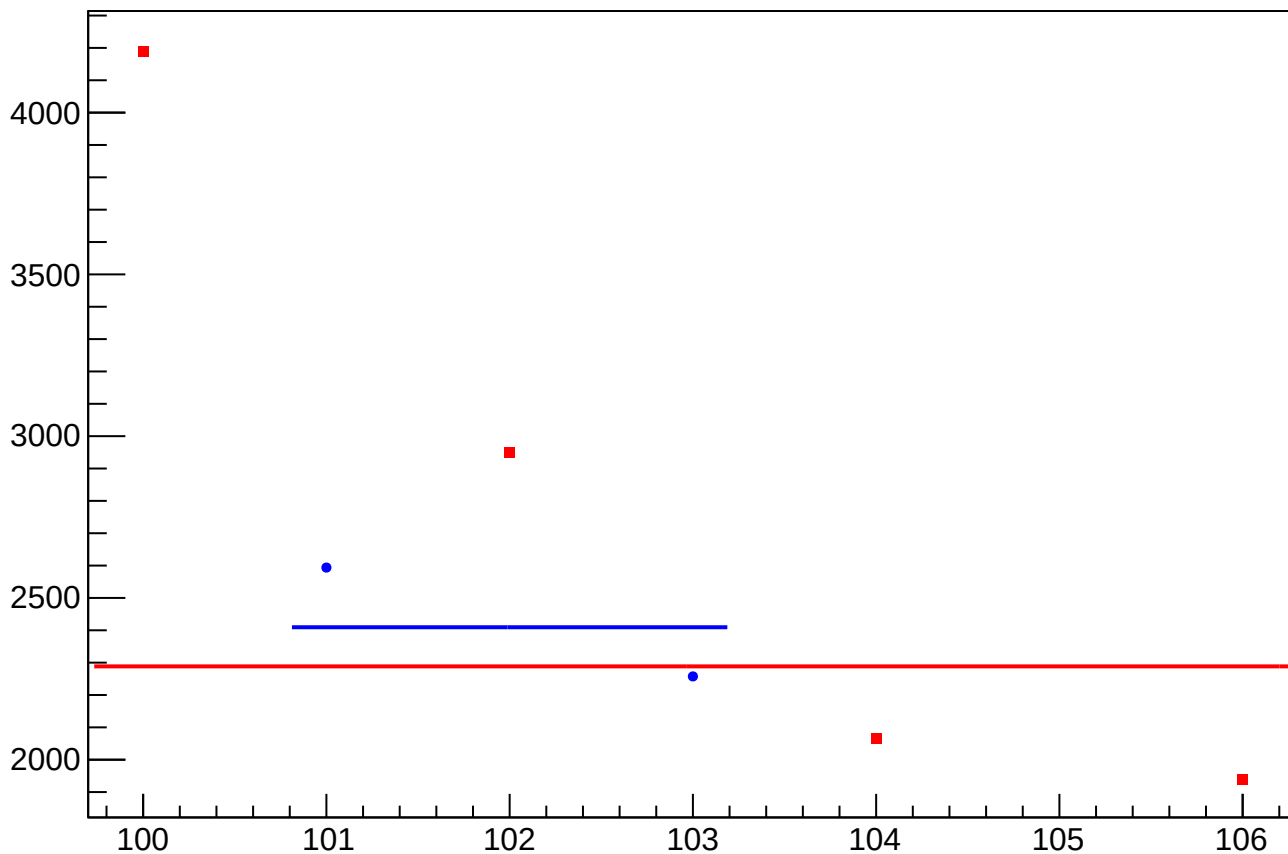
Right: 538.513+/-1433.297 χ^2 /NDF: 9.5/5

In: -1670.681+/-2153.274 χ^2 /NDF: 3.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 538.513+/-1433.297 χ^2 /NDF: 9.5/5

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2409.417+/-1.523 χ^2/NDF : 12086.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2288.466+/-1.358 χ^2/NDF : 121681.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

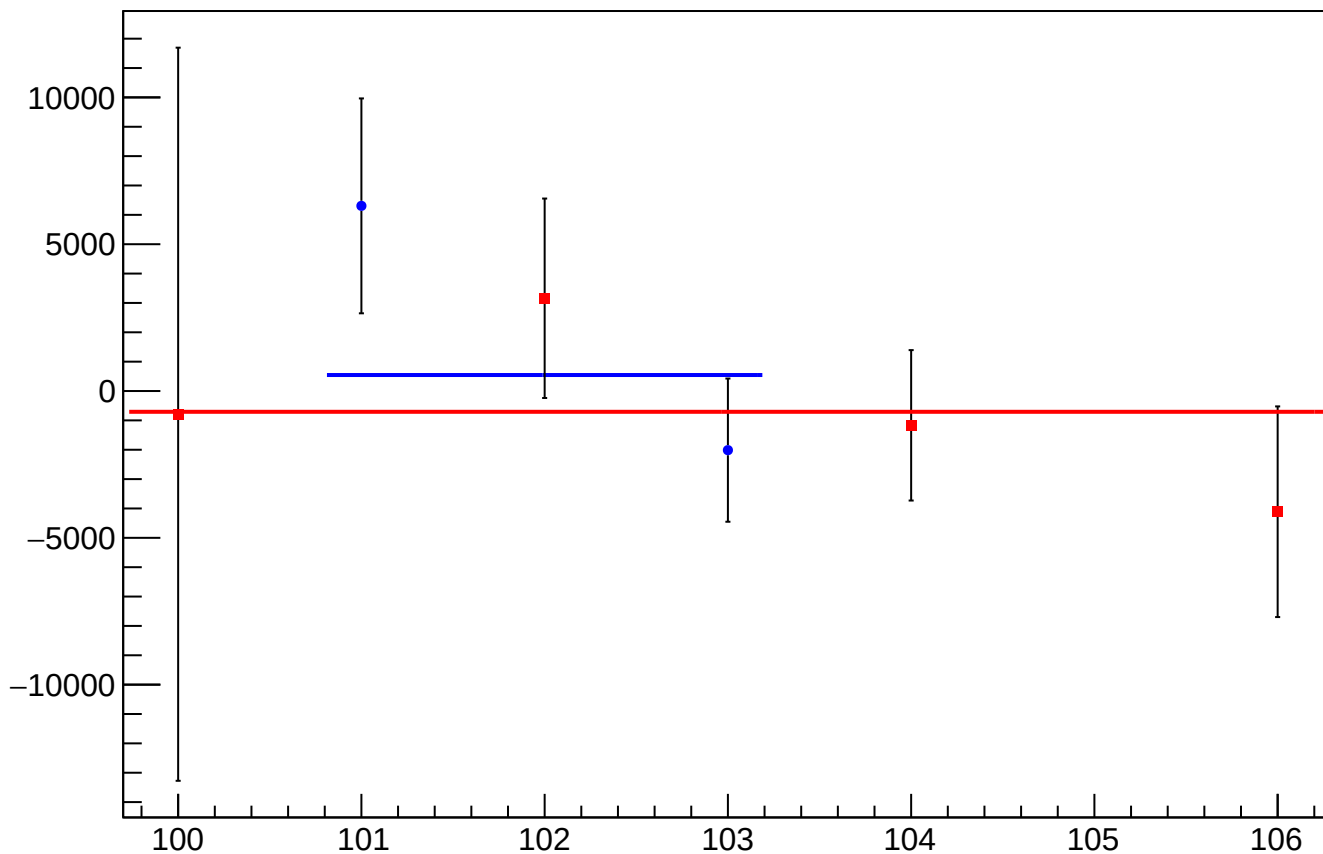
Right: 2342.056+/-1.013 χ^2/NDF : 137282.0/5

In: 2409.417+/-1.523 χ^2/NDF : 12086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2342.056+/-1.013 χ^2/NDF : 137282.0/5

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 544.958 $\pm$ 2029.259 χ^2 /NDF: 3.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -707.586 $\pm$ 1758.891 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

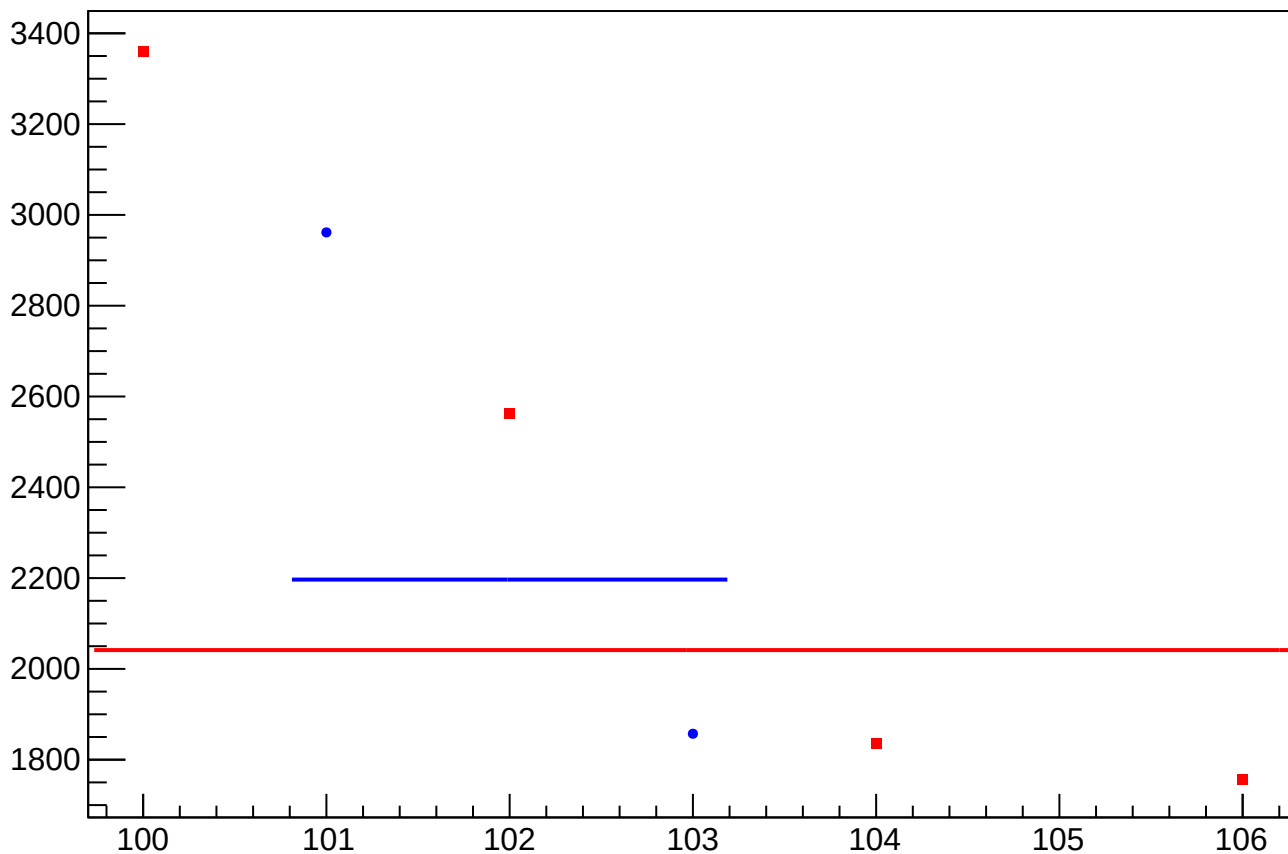
Right: -170.258 $\pm$ 1329.110 χ^2 /NDF: 6.0/5

In: 544.958 $\pm$ 2029.259 χ^2 /NDF:3.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -170.258 $\pm$ 1329.110 χ^2 /NDF: 6.0/5

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2041.445+/-1.244 χ^2/NDF : 94840.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

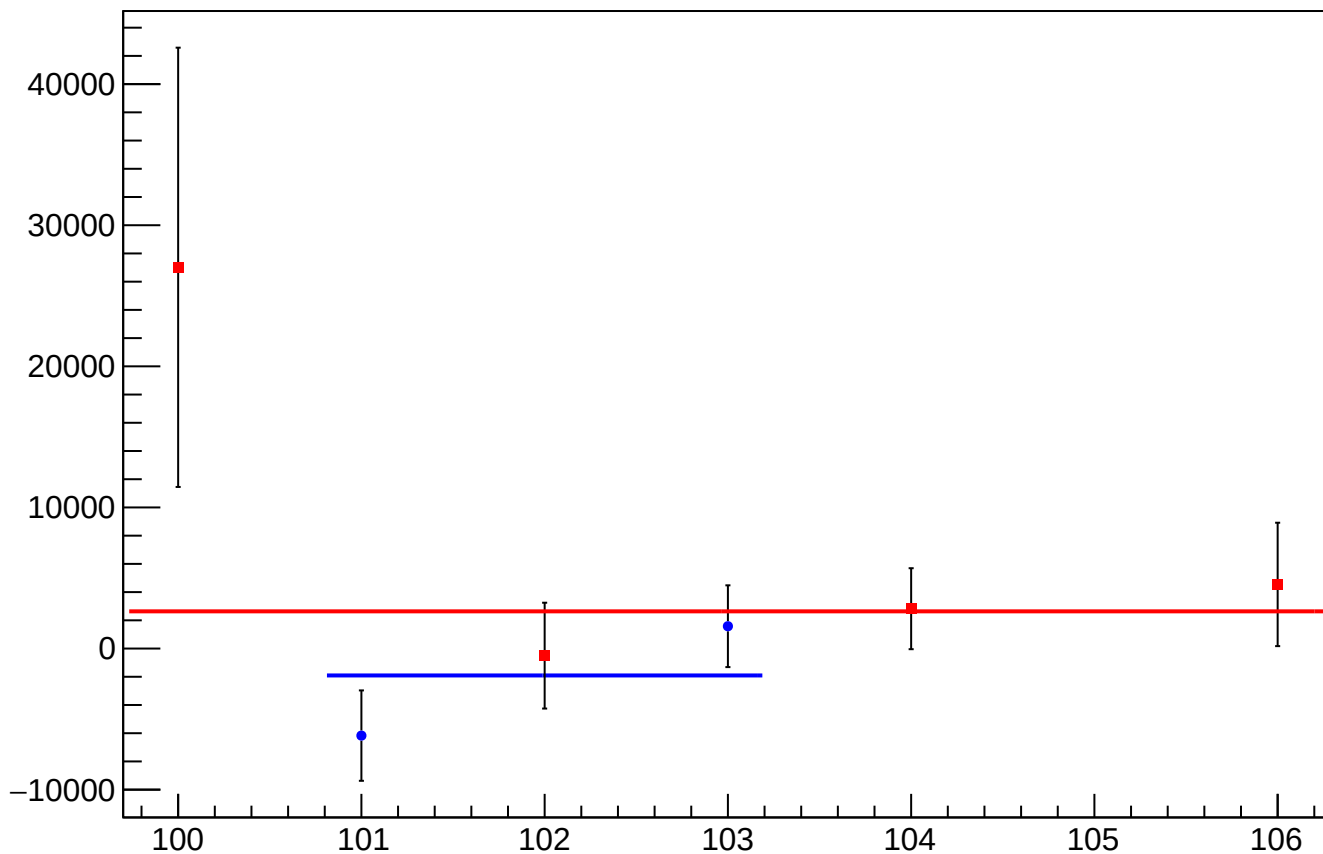
Right: 2108.066+/-0.940 χ^2/NDF : 227655.7/5

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2108.066+/-0.940 χ^2/NDF : 227655.7/5

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2636.527+/-2004.204 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

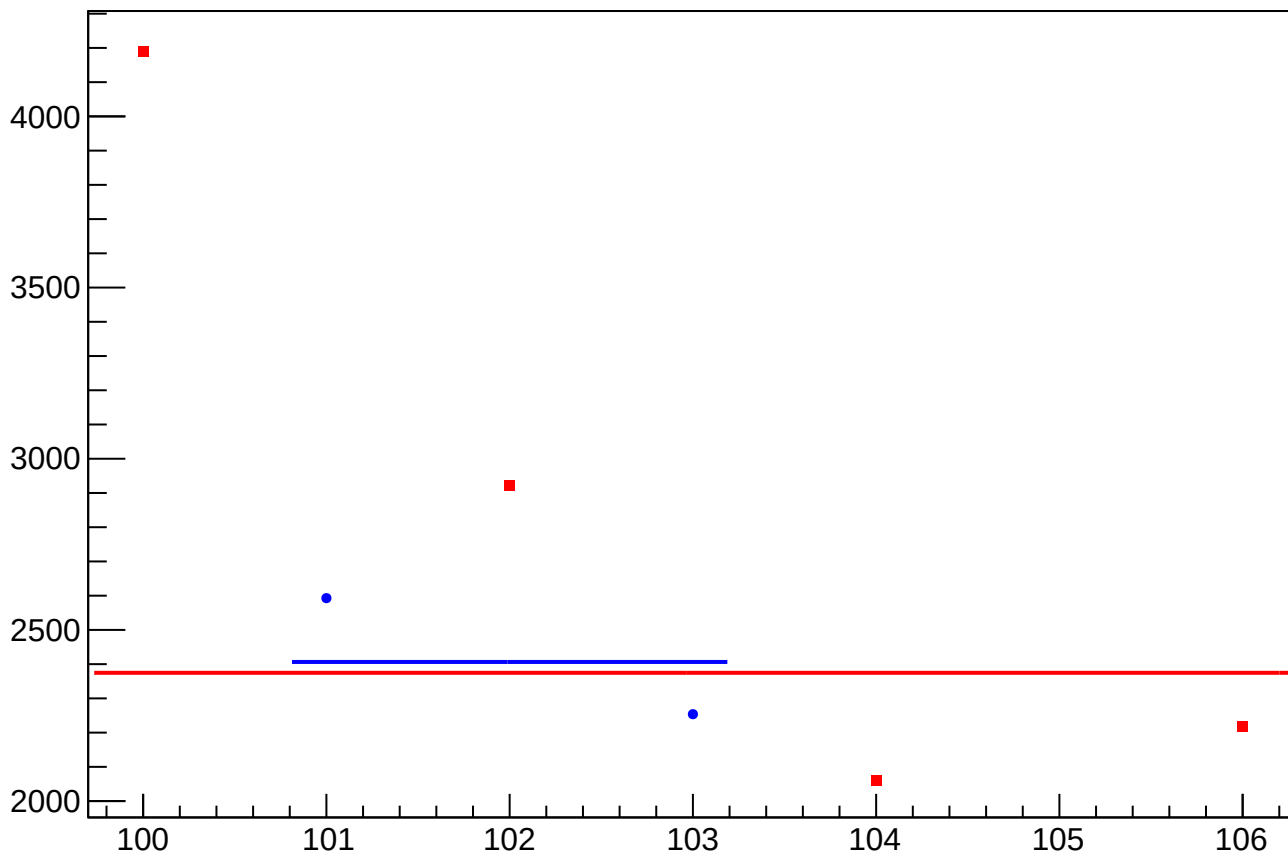
Right: 522.783+/-1465.608 χ^2/NDF : 9.0/5

In: -1906.728+/-2148.696 χ^2/NDF :3.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 522.783+/-1465.608 χ^2/NDF : 9.0/5

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2374.661+/-1.417 χ^2/NDF : 96075.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

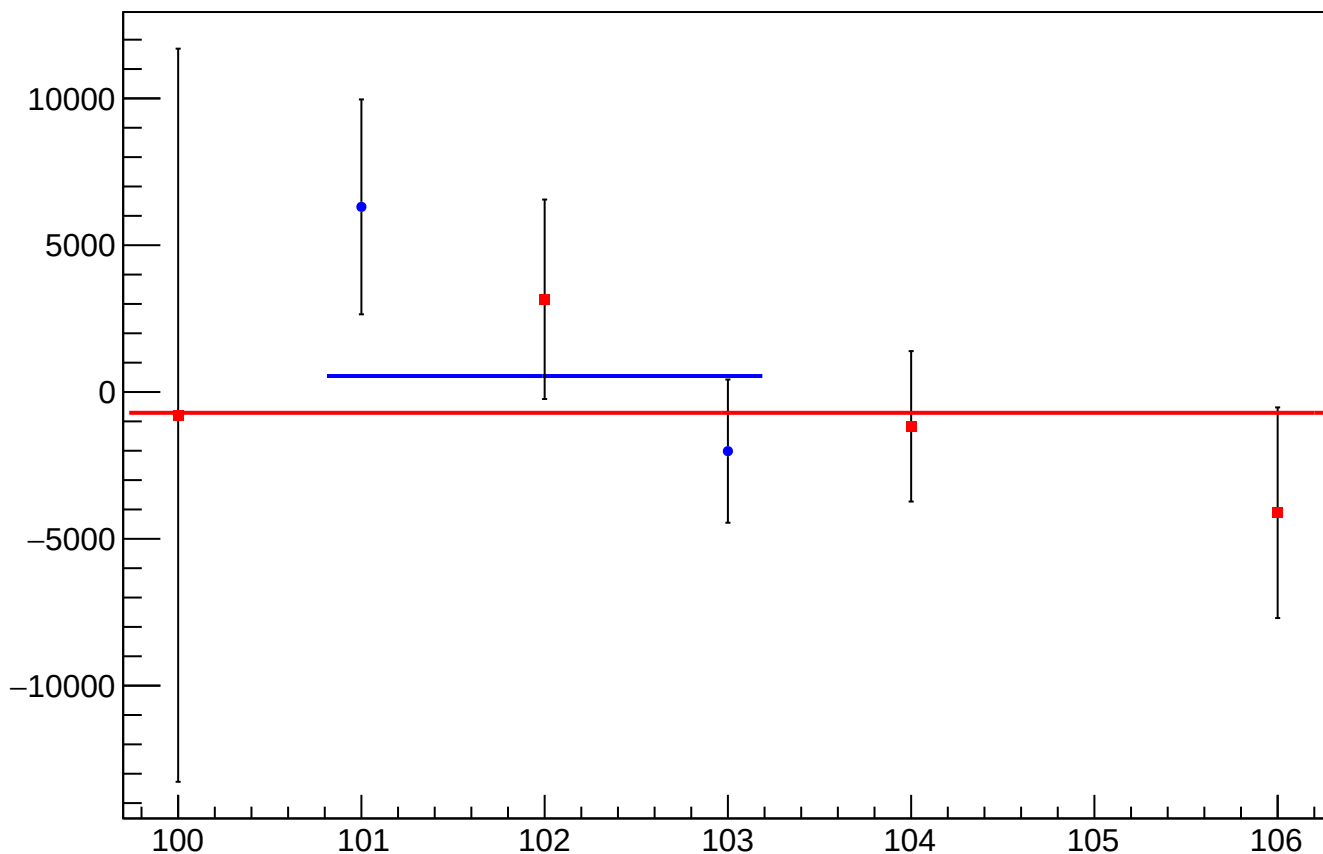
Right: 2389.427+/-1.036 χ^2/NDF : 108628.7/5

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.427+/-1.036 χ^2/NDF : 108628.7/5

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 544.958+/-2029.259 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.586+/-1758.891 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

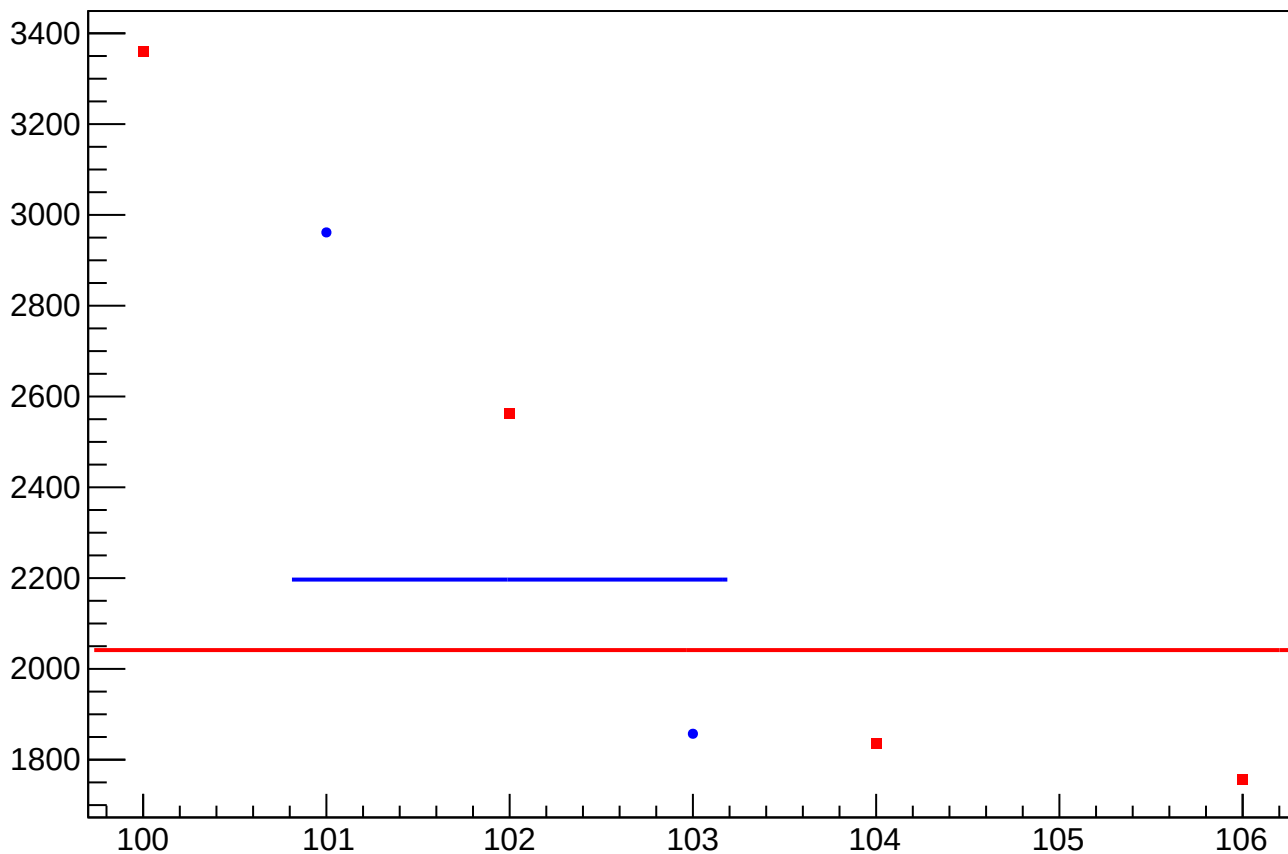
Right: -170.258+/-1329.110 χ^2/NDF : 6.0/5

In: 544.958+/-2029.259 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.258+/-1329.110 χ^2/NDF : 6.0/5

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2041.445+/-1.244 χ^2/NDF : 94840.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

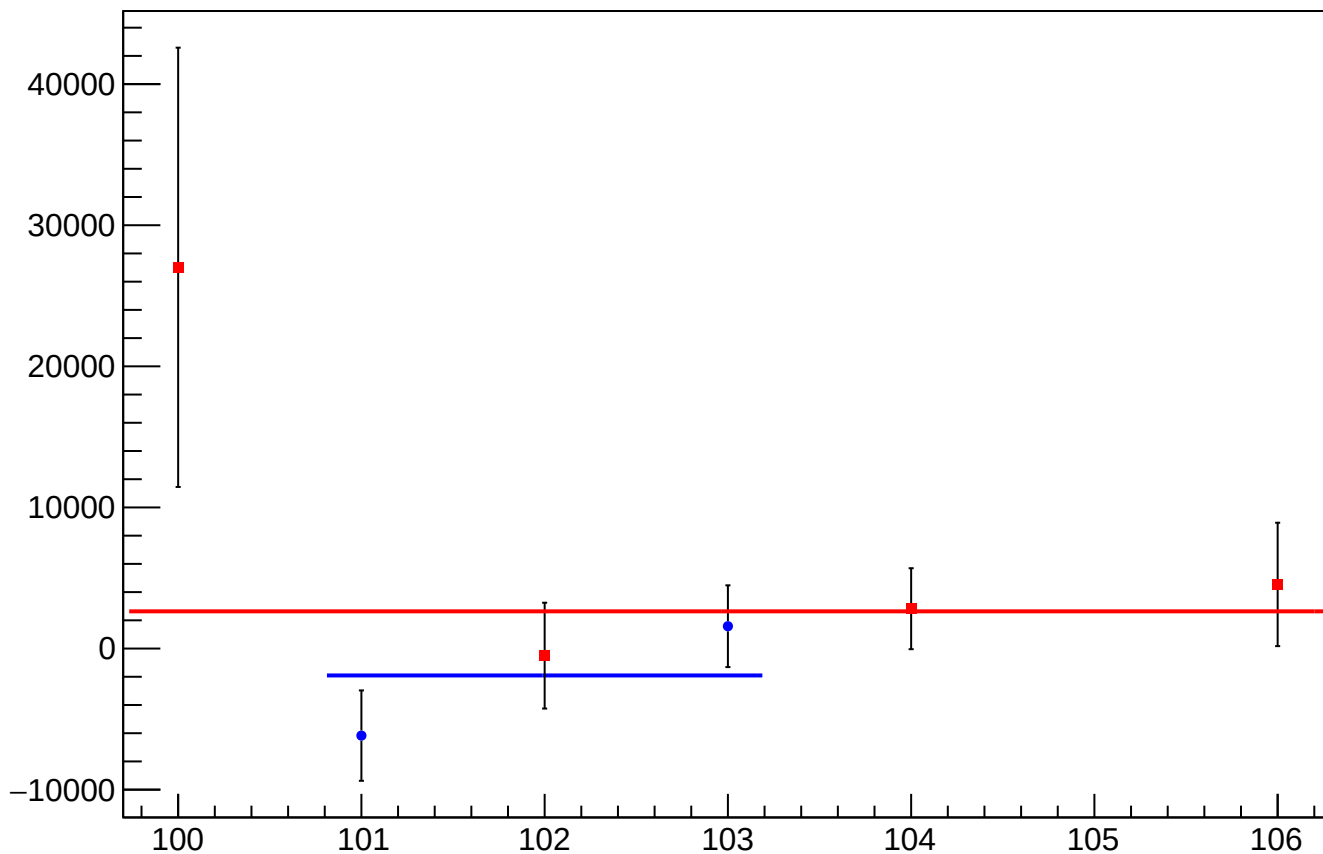
Right: 2108.066+/-0.940 χ^2/NDF : 227655.7/5

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2108.066+/-0.940 χ^2/NDF : 227655.7/5

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2636.527+/-2004.204 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

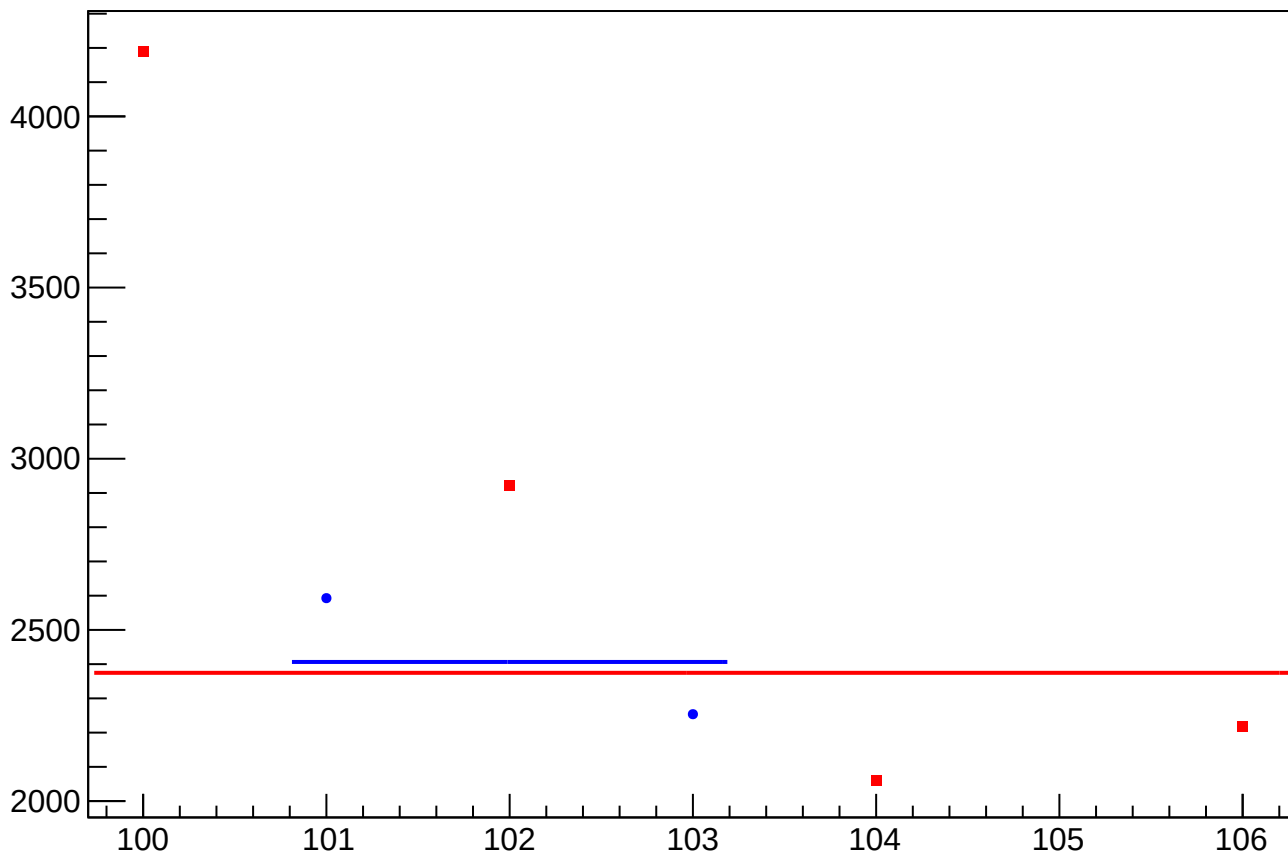
Right: 522.783+/-1465.608 χ^2/NDF : 9.0/5

In: -1906.728+/-2148.696 χ^2/NDF :3.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 522.783+/-1465.608 χ^2/NDF : 9.0/5

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2374.661+/-1.417 χ^2/NDF : 96075.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

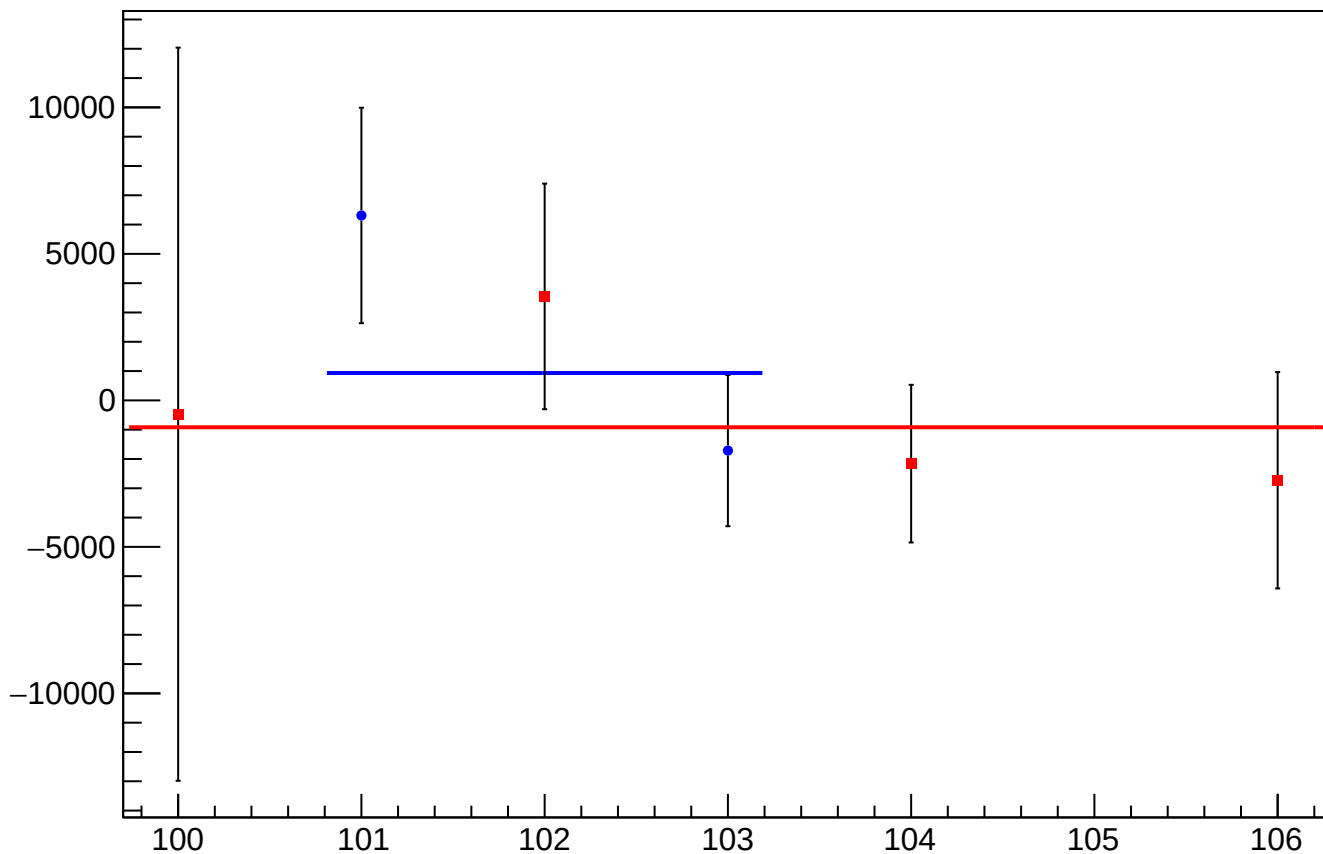
Right: 2389.427+/-1.036 χ^2/NDF : 108628.7/5

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.427+/-1.036 χ^2/NDF : 108628.7/5

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 934.661 $\pm$ 2112.345 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -917.568 $\pm$ 1871.783 χ^2 /NDF: 1.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

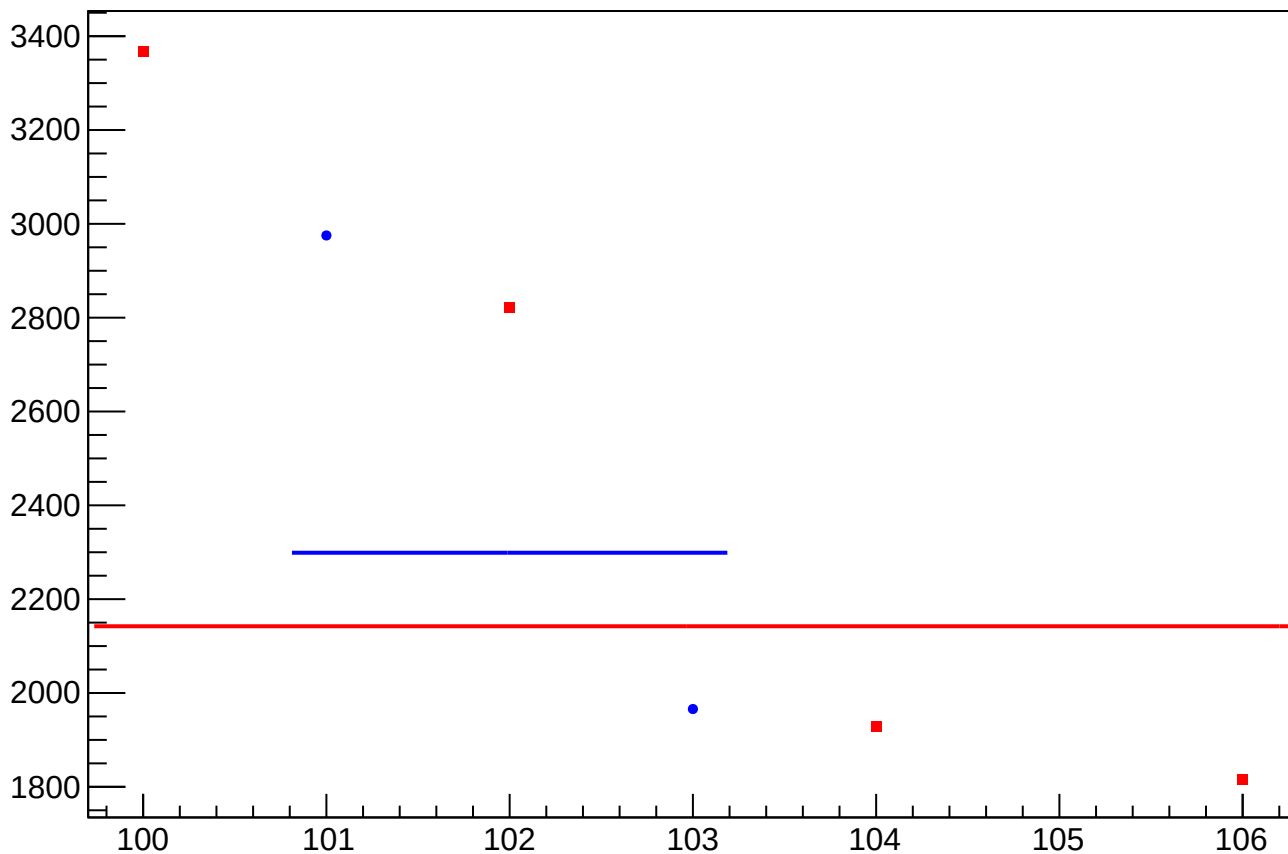
Right: -102.885 $\pm$ 1400.915 χ^2 /NDF: 5.4/5

In: 934.661 $\pm$ 2112.345 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -102.885 $\pm$ 1400.915 χ^2 /NDF: 5.4/5

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2142.227+/-1.324 χ^2/NDF : 109765.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

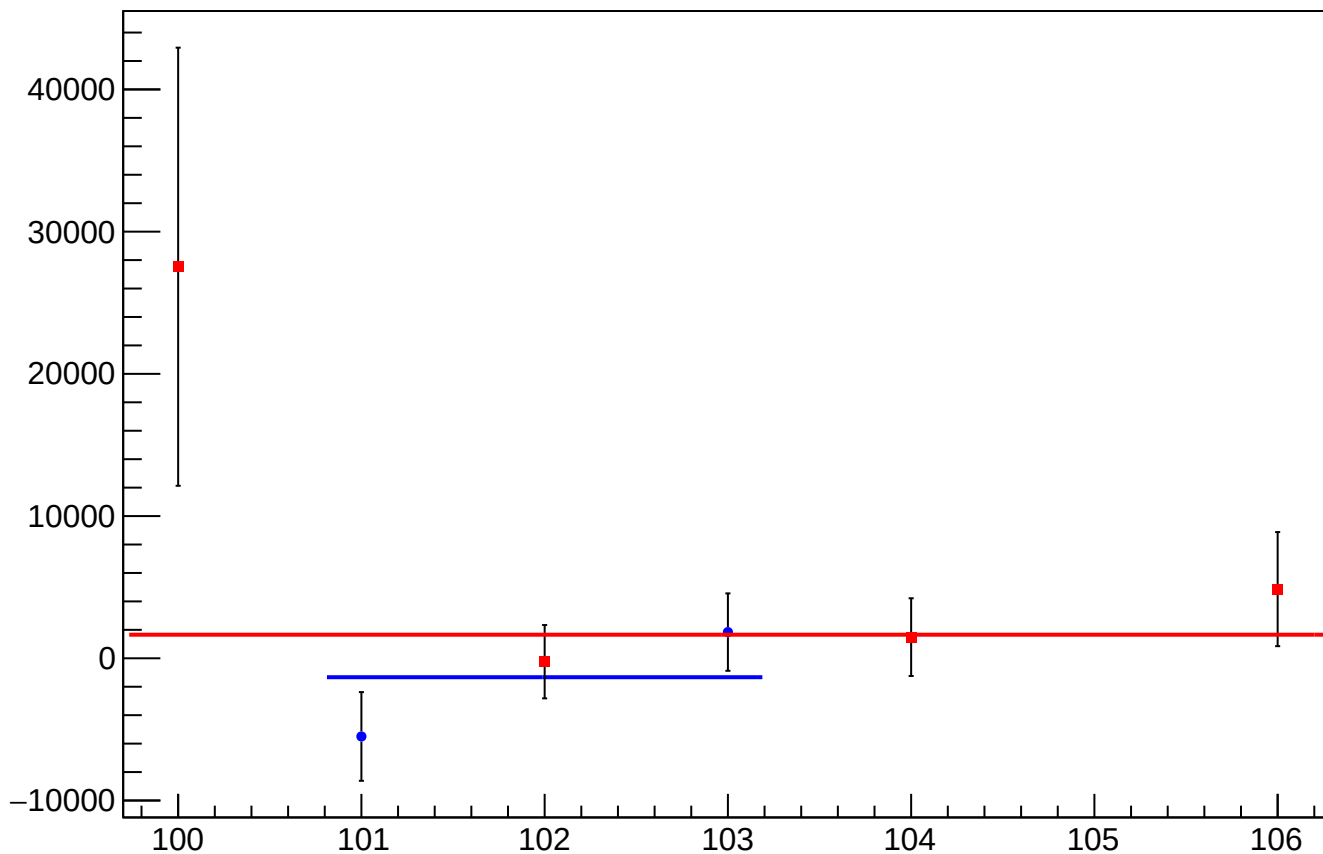
Right: 2211.167+/-0.991 χ^2/NDF : 216921.5/5

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.167+/-0.991 χ^2/NDF : 216921.5/5

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1330.780 $\pm$ 2050.548 χ^2 /NDF: 3.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1658.363 $\pm$ 1688.569 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

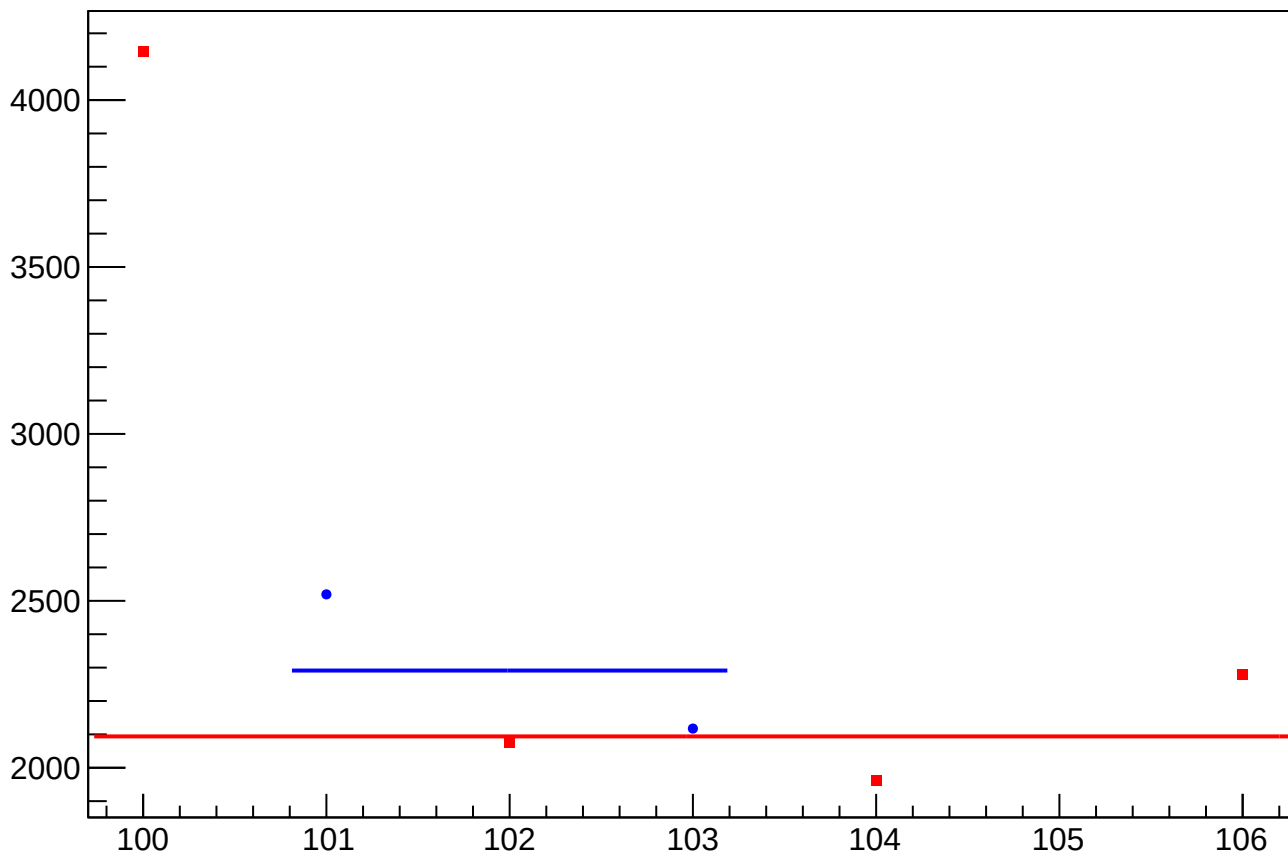
Right: 450.479 $\pm$ 1303.494 χ^2 /NDF: 8.4/5

In: -1330.780 $\pm$ 2050.548 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 450.479 $\pm$ 1303.494 χ^2 /NDF: 8.4/5

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2291.194+/-1.450 χ^2/NDF : 18869.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.948+/-1.194 χ^2/NDF : 44494.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

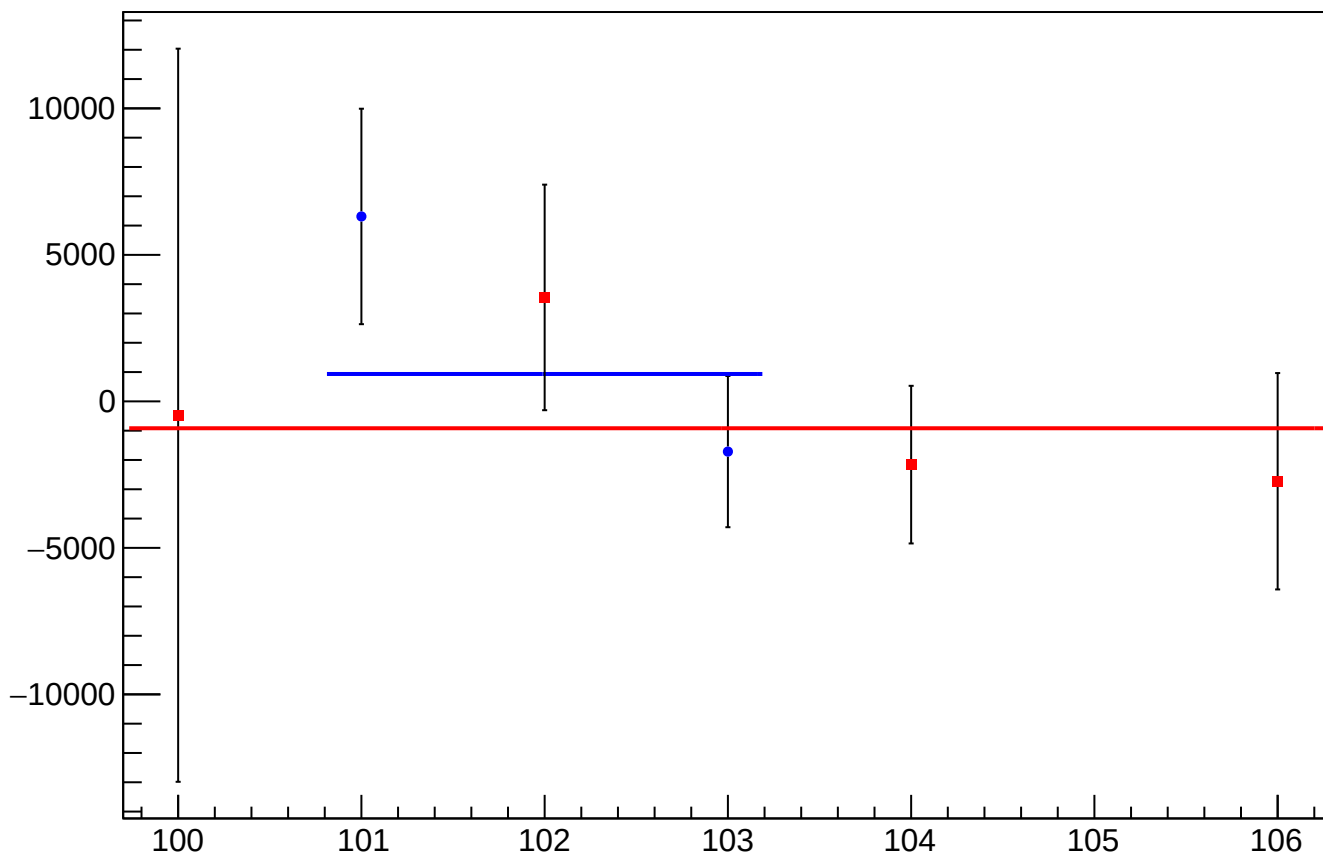
Right: 2173.653+/-0.922 χ^2/NDF : 74392.2/5

In: 2291.194+/-1.450 χ^2/NDF : 18869.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2173.653+/-0.922 χ^2/NDF : 74392.2/5

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 934.680 $\pm$ 2112.344 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -917.573 $\pm$ 1871.782 χ^2 /NDF: 1.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

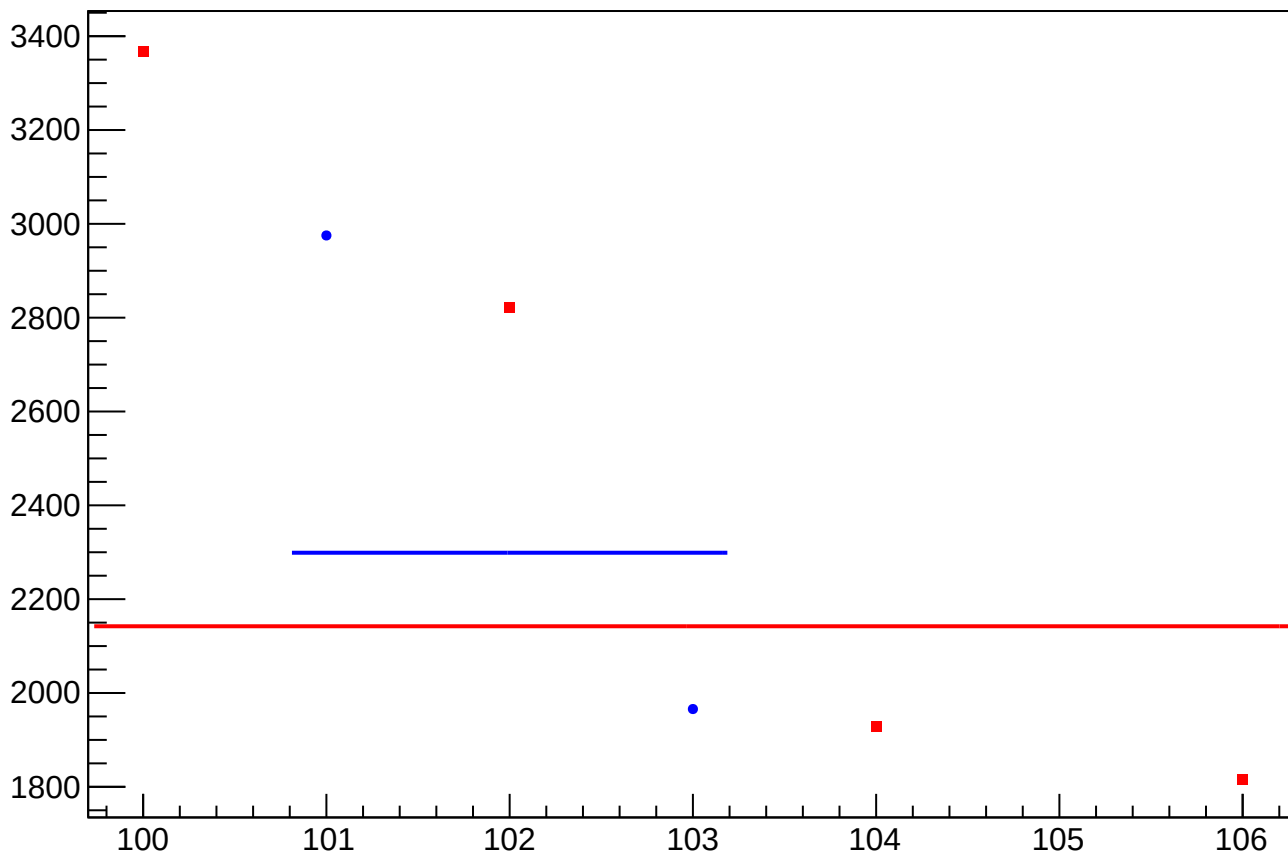
Right: -102.879 $\pm$ 1400.915 χ^2 /NDF: 5.4/5

In: 934.680 $\pm$ 2112.344 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -102.879 $\pm$ 1400.915 χ^2 /NDF: 5.4/5

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2142.227+/-1.324 χ^2/NDF : 109765.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

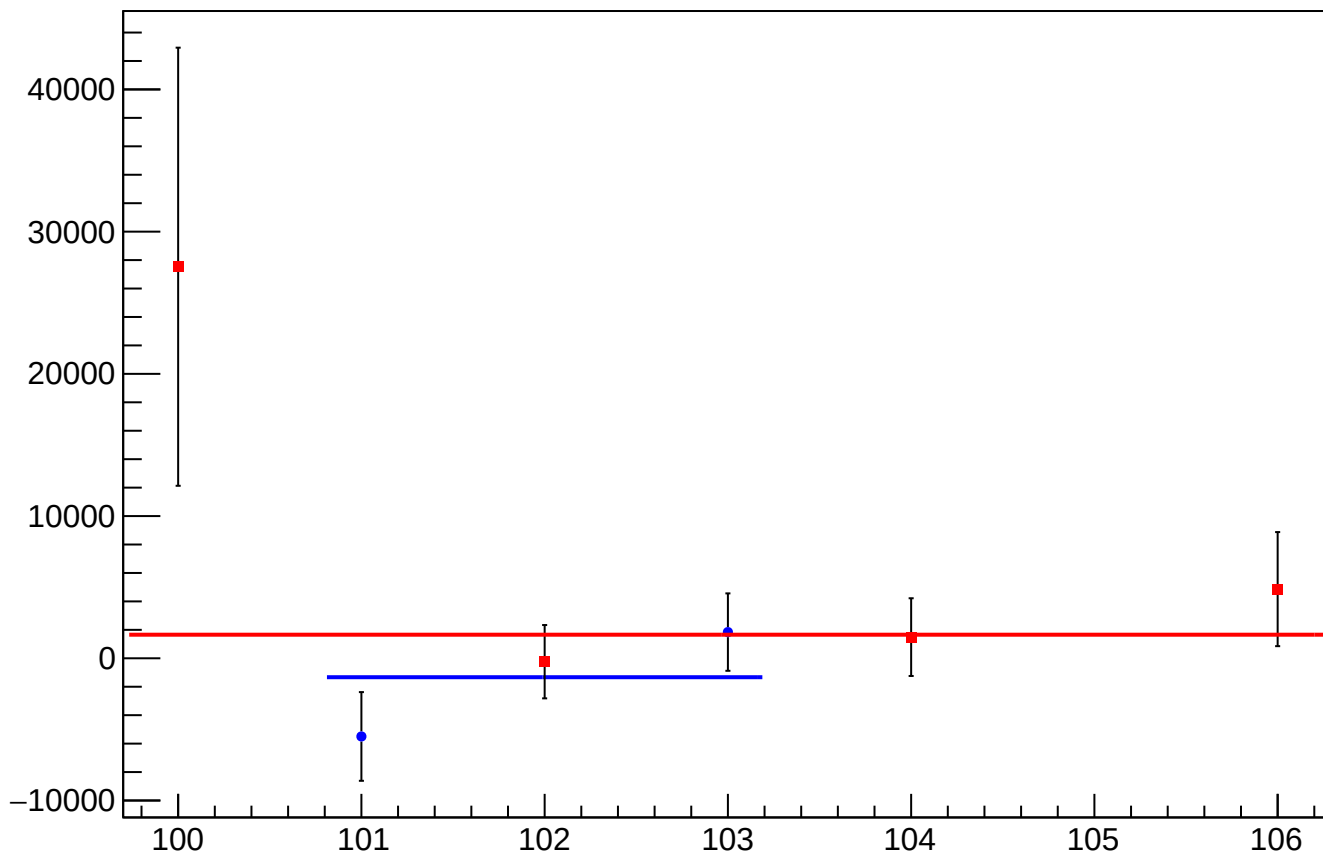
Right: 2211.167+/-0.991 χ^2/NDF : 216921.4/5

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.167+/-0.991 χ^2/NDF : 216921.4/5

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1330.797 $\pm$ 2050.547 χ^2 /NDF: 3.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1658.373 $\pm$ 1688.572 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

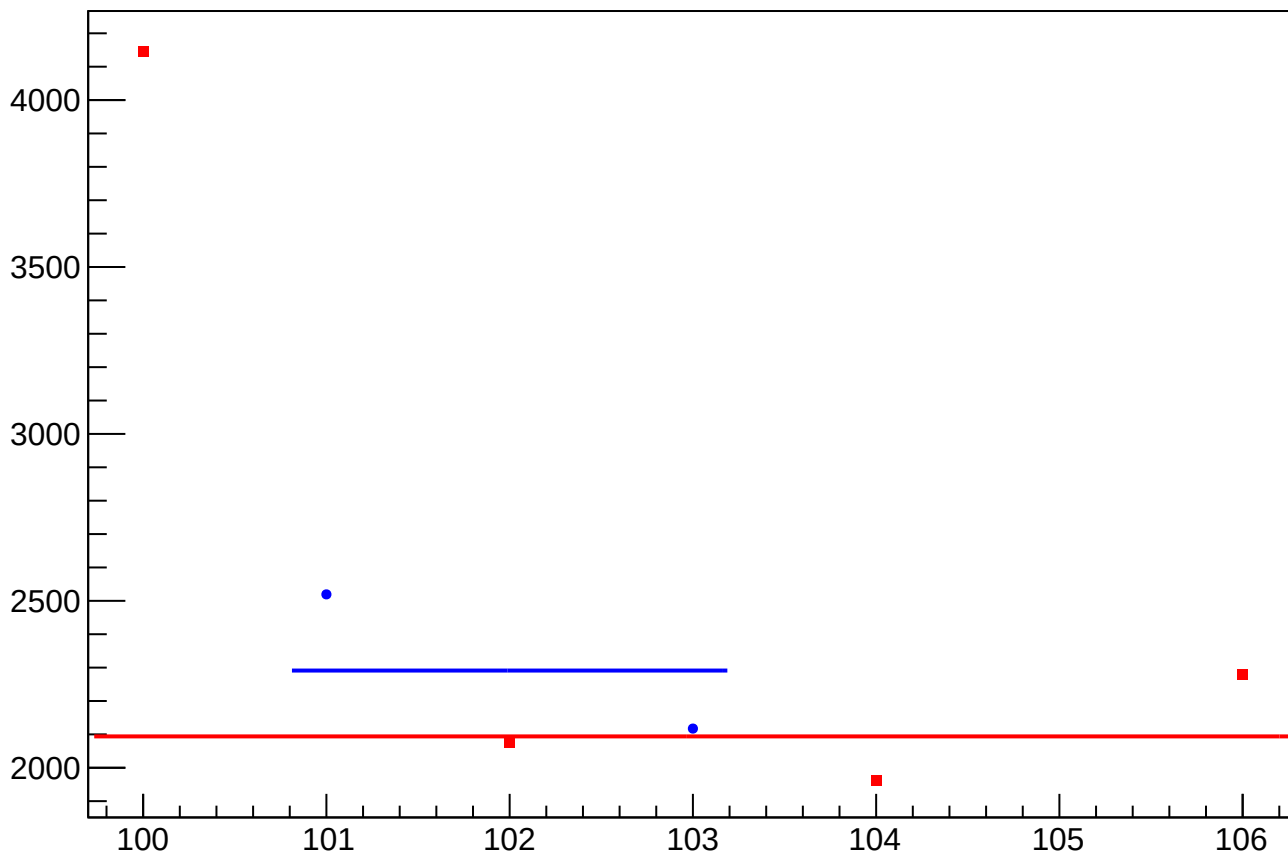
Right: 450.475 $\pm$ 1303.495 χ^2 /NDF: 8.4/5

In: -1330.797 $\pm$ 2050.547 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 450.475 $\pm$ 1303.495 χ^2 /NDF: 8.4/5

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2291.194 $\pm$ 1.450 χ^2 /NDF: 18868.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2093.952 $\pm$ 1.194 χ^2 /NDF: 44493.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

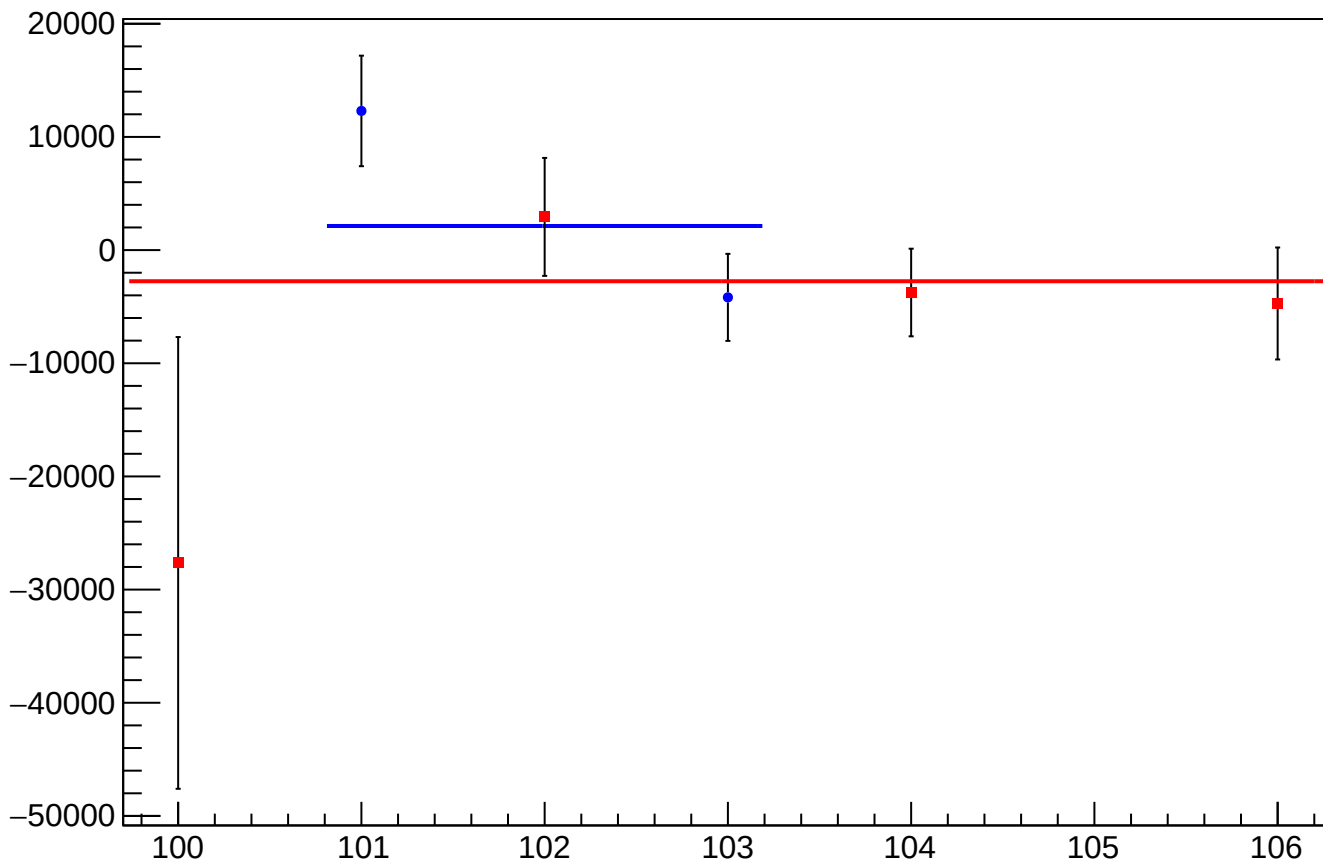
Right: 2173.656 $\pm$ 0.922 χ^2 /NDF: 74388.7/5

In: 2291.194 $\pm$ 1.450 χ^2 /NDF: 18868.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2173.656 $\pm$ 0.922 χ^2 /NDF: 74388.7/5

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 2129.848+/-3021.180 χ^2/NDF : 7.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2751.987+/-2608.786 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

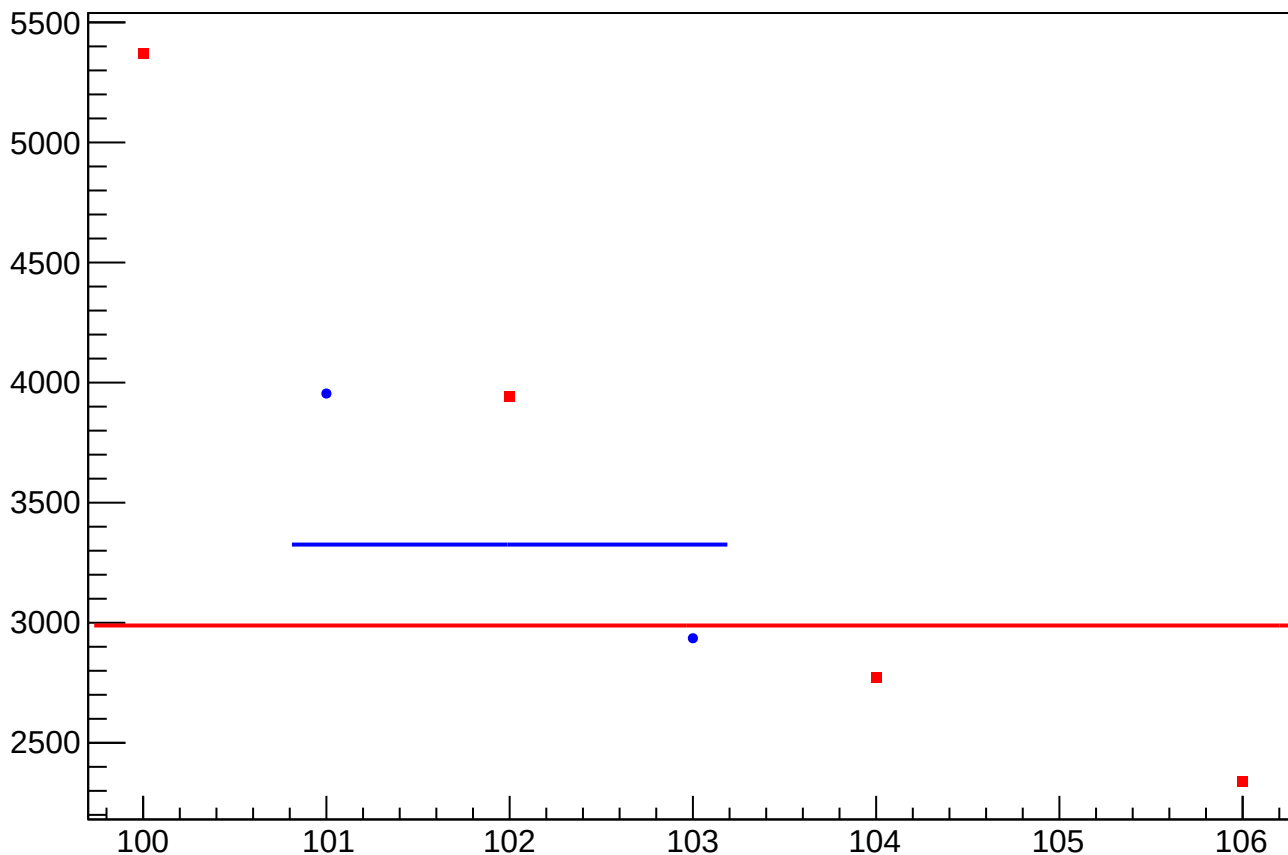
Right: -666.755+/-1974.523 χ^2/NDF : 11.5/5

In: 2129.848+/-3021.180 χ^2/NDF : 7.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.755+/-1974.523 χ^2/NDF : 11.5/5

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3325.575+/-2.136 χ^2/NDF : 53761.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2988.534+/-1.845 χ^2/NDF : 136605.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

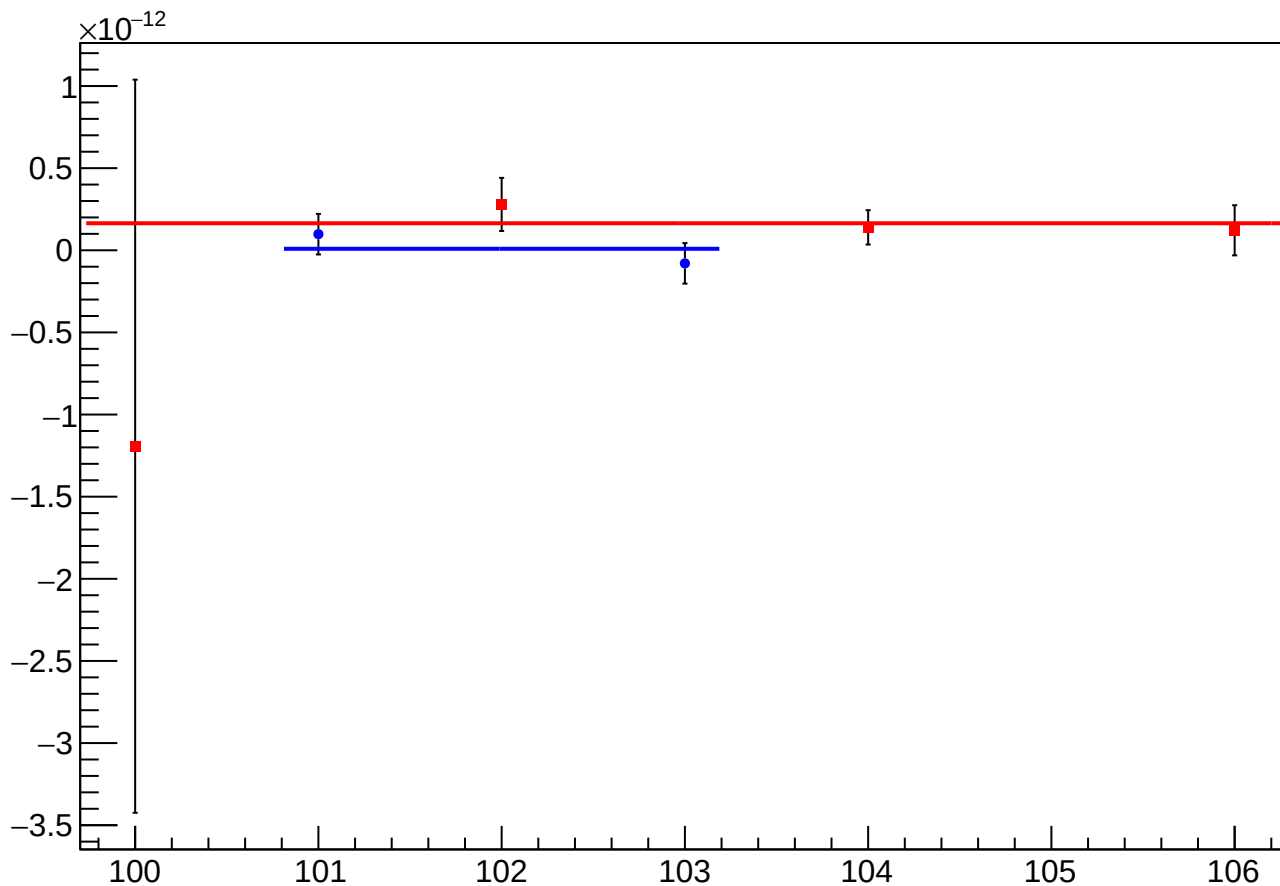
Right: 3132.489+/-1.396 χ^2/NDF : 204627.0/5

In: 3325.575+/-2.136 χ^2/NDF : 53761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3132.489+/-1.396 χ^2/NDF : 204627.0/5

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

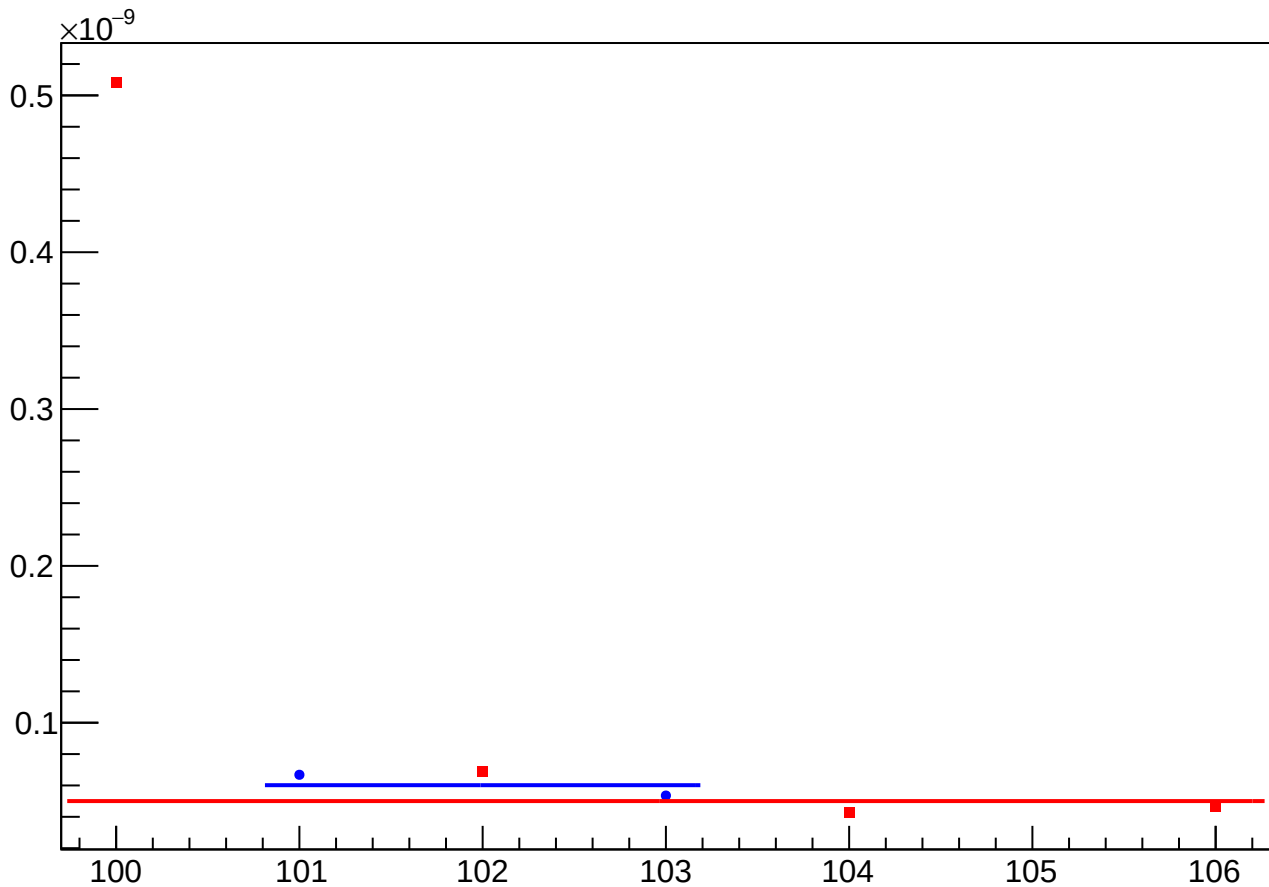
Right: 0.000+/-0.000 χ^2/NDF : 3.8/5

In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.8/5

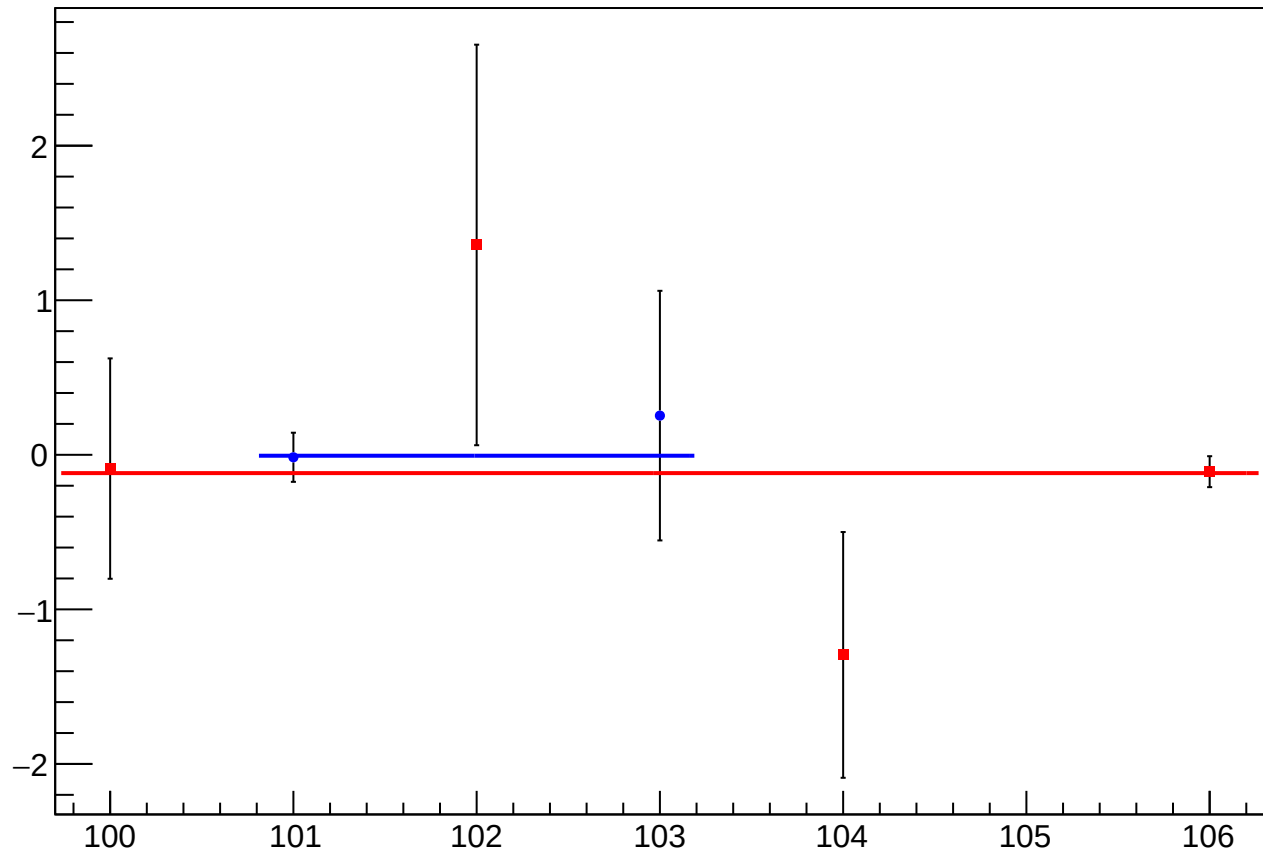
asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11527.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 123409.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 150261.7/5
 In: 0.000+/-0.000 χ^2/NDF : 11527.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 150261.7/5

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.118 $\pm$ 0.098 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

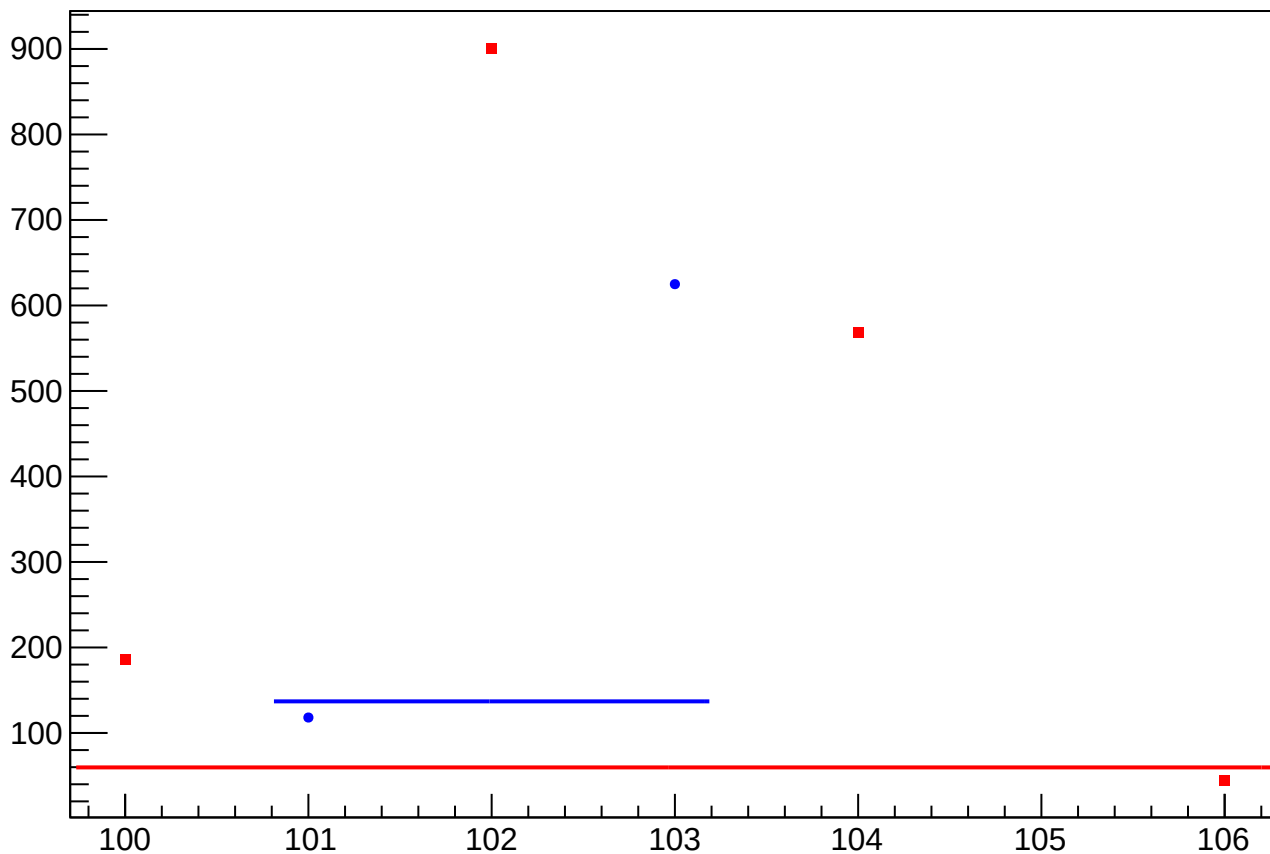
Right: -0.086 $\pm$ 0.083 χ^2 /NDF: 4.0/5

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.086 $\pm$ 0.083 χ^2 /NDF: 4.0/5

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.970+/-0.110 χ^2/NDF : 758655.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.730+/-0.069 χ^2/NDF : 1774399.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

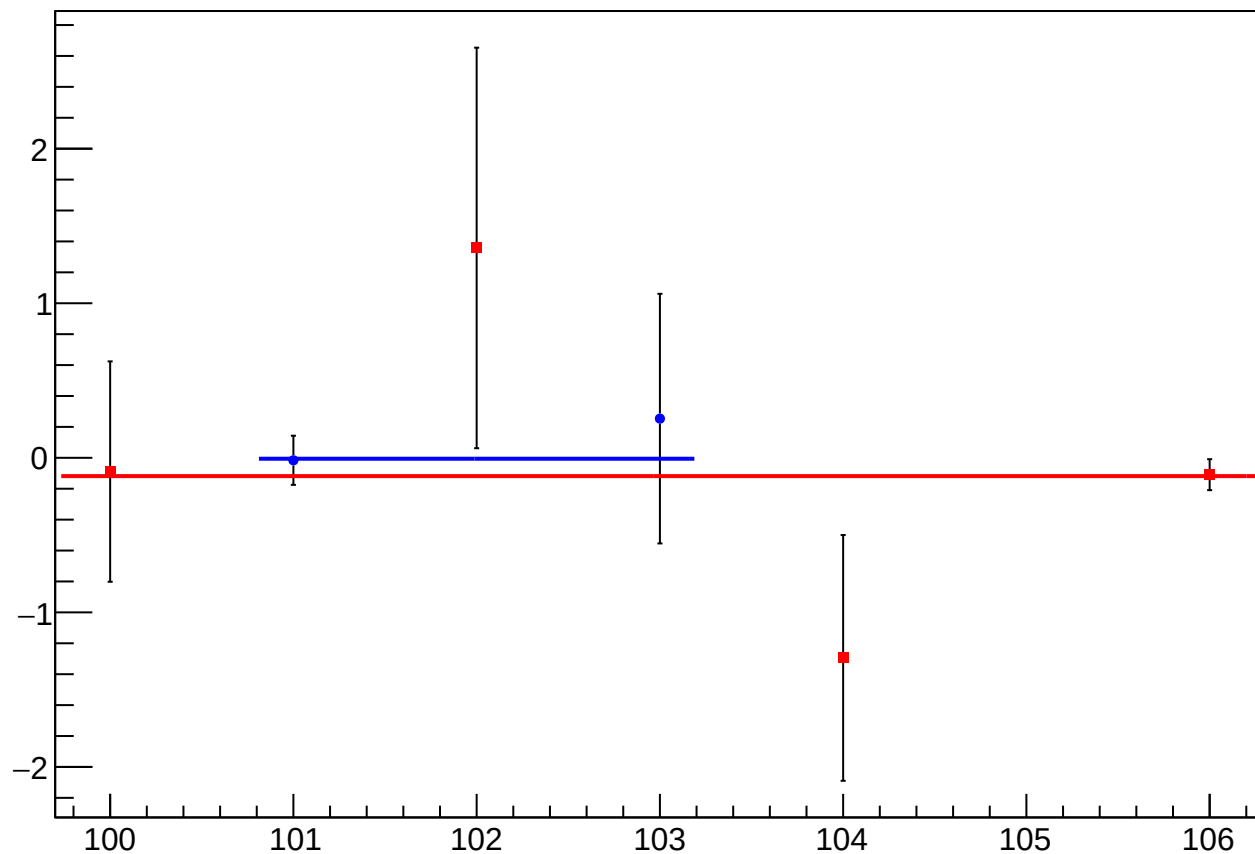
Right: 81.628+/-0.059 χ^2/NDF : 2884539.8/5

In: 136.970+/-0.110 χ^2/NDF : 758655.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.628+/-0.059 χ^2/NDF : 2884539.8/5

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.118 $\pm$ 0.098 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

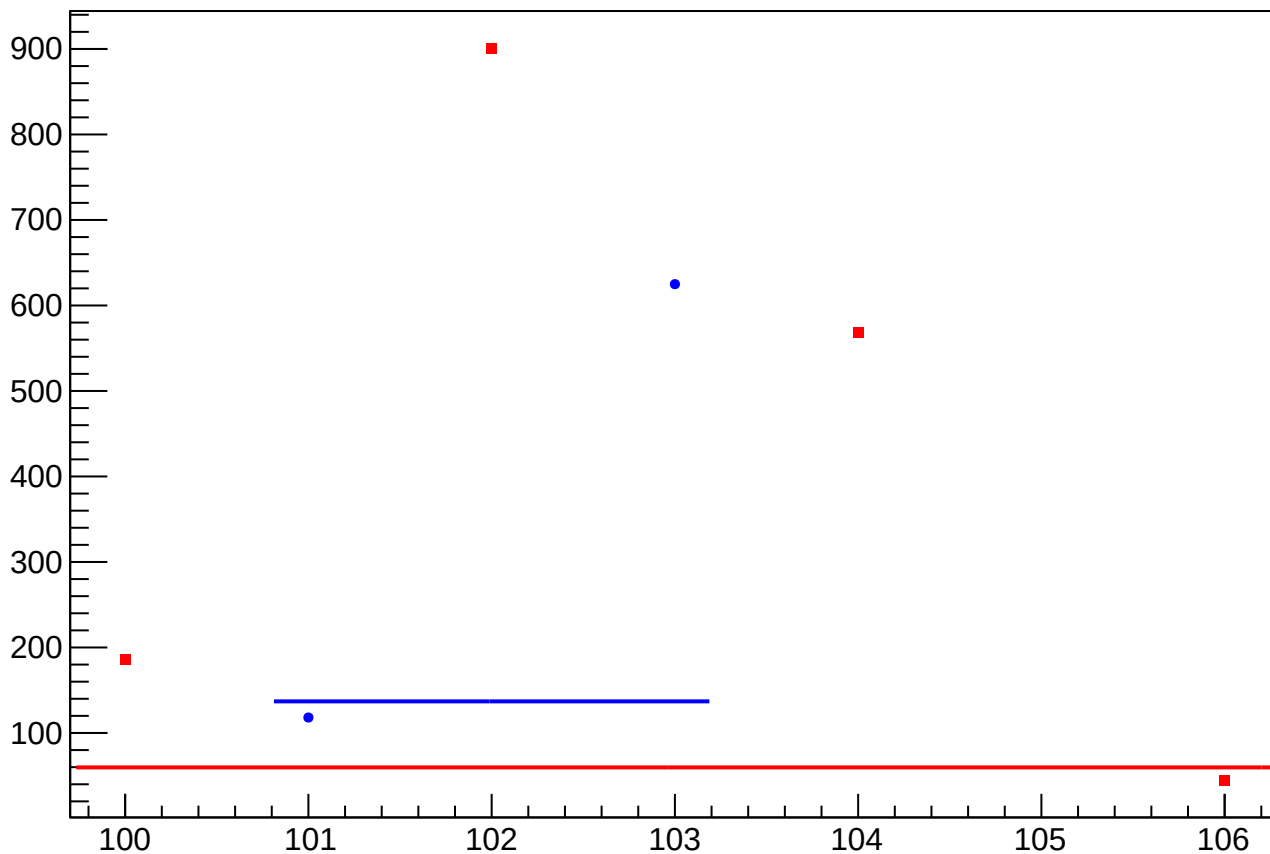
Right: -0.086 $\pm$ 0.083 χ^2 /NDF: 4.0/5

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.086 $\pm$ 0.083 χ^2 /NDF: 4.0/5

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.970 $\pm$ 0.110 χ^2 /NDF: 758655.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.730 $\pm$ 0.069 χ^2 /NDF: 1774399.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

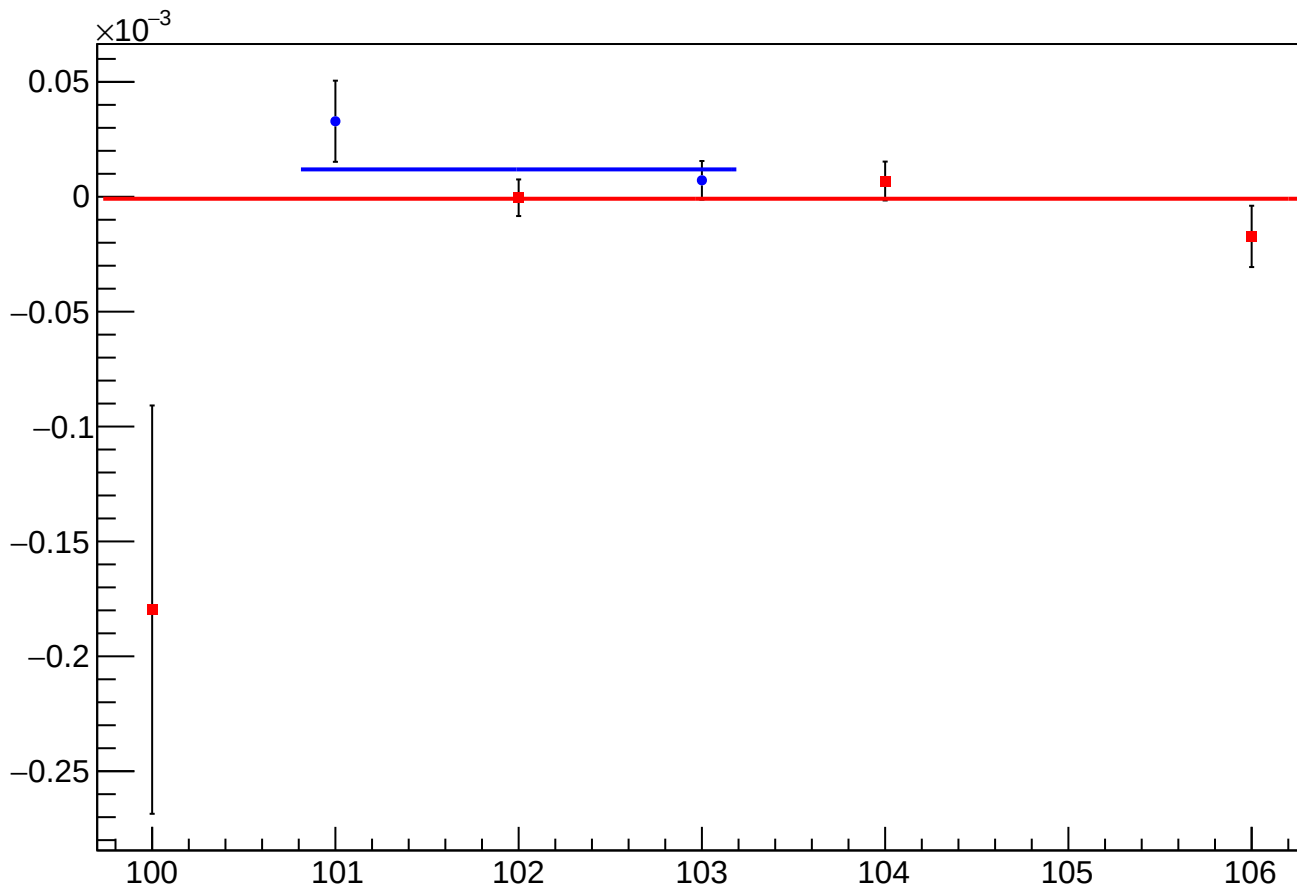
Right: 81.628 $\pm$ 0.059 χ^2 /NDF: 2884539.8/5

In: 136.970 $\pm$ 0.110 χ^2 /NDF:758655.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.628 $\pm$ 0.059 χ^2 /NDF: 2884539.8/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

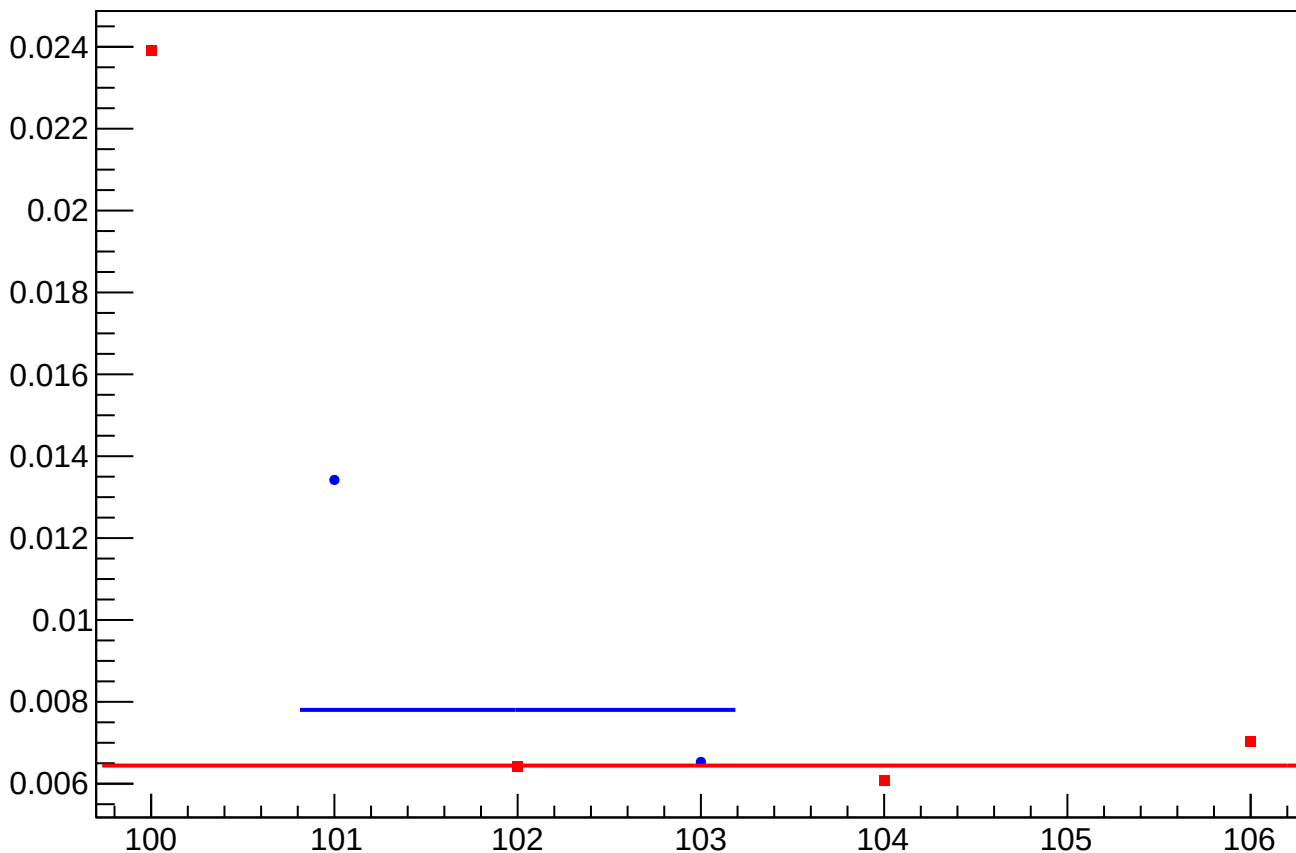
Right: 0.000+/-0.000 χ^2/NDF : 10.0/5

In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 248139.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 85138.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

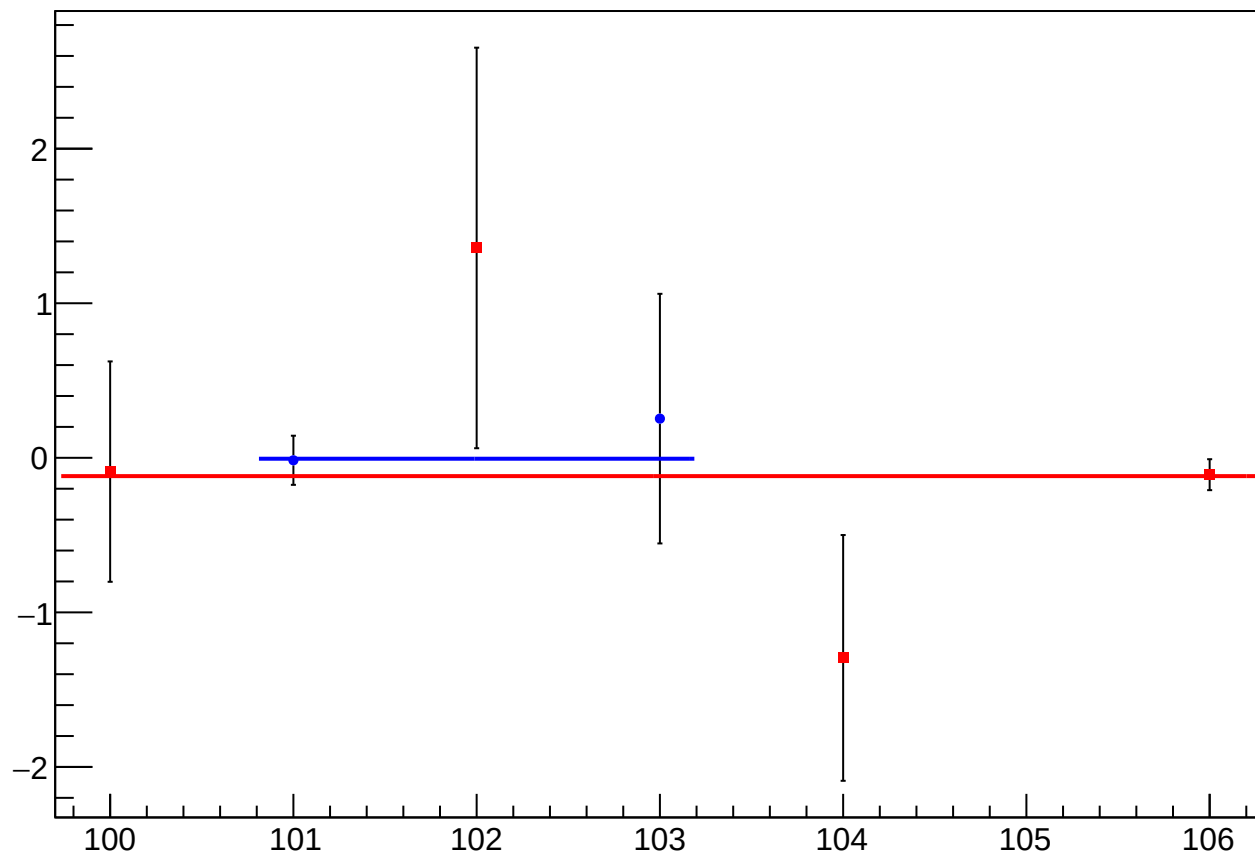
Right: 0.007+/-0.000 χ^2/NDF : 376437.3/5

In: 0.008+/-0.000 χ^2/NDF : 248139.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 376437.3/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.118 $\pm$ 0.098 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

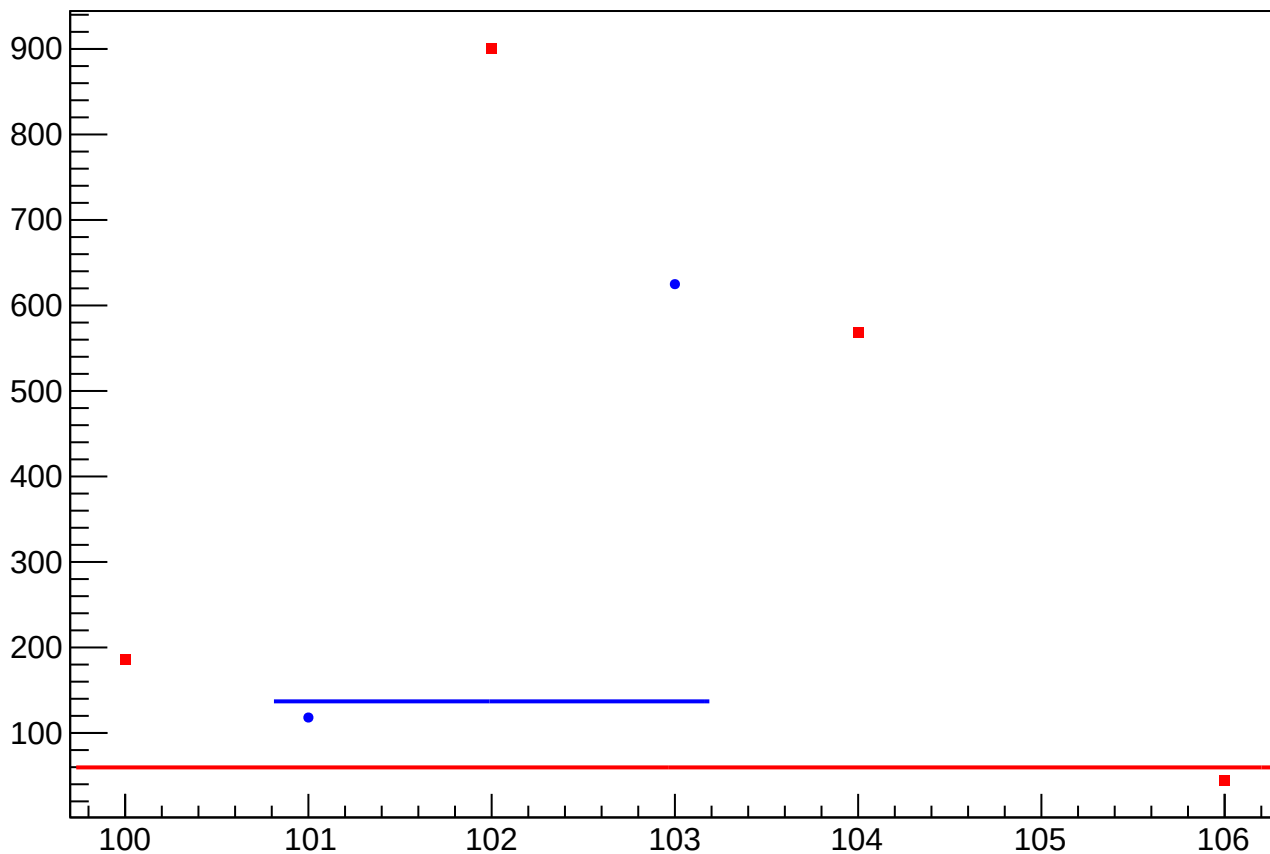
Right: -0.087 $\pm$ 0.083 χ^2 /NDF: 4.0/5

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.087 $\pm$ 0.083 χ^2 /NDF: 4.0/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.973+/-0.110 χ^2/NDF : 758646.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.727+/-0.069 χ^2/NDF : 1774412.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

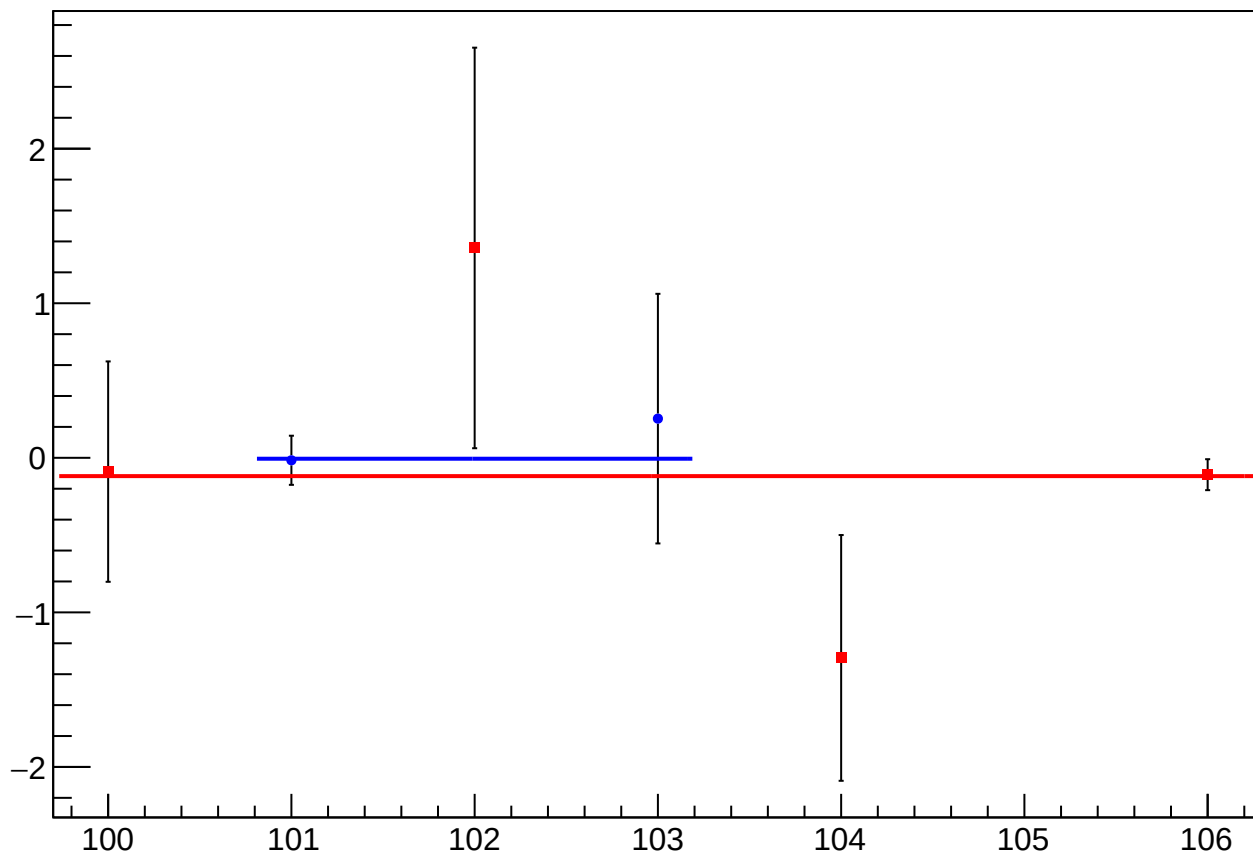
Right: 81.625+/-0.059 χ^2/NDF : 2884596.1/5

In: 136.973+/-0.110 χ^2/NDF : 758646.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.625+/-0.059 χ^2/NDF : 2884596.1/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.156 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.118 $\pm$ 0.098 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

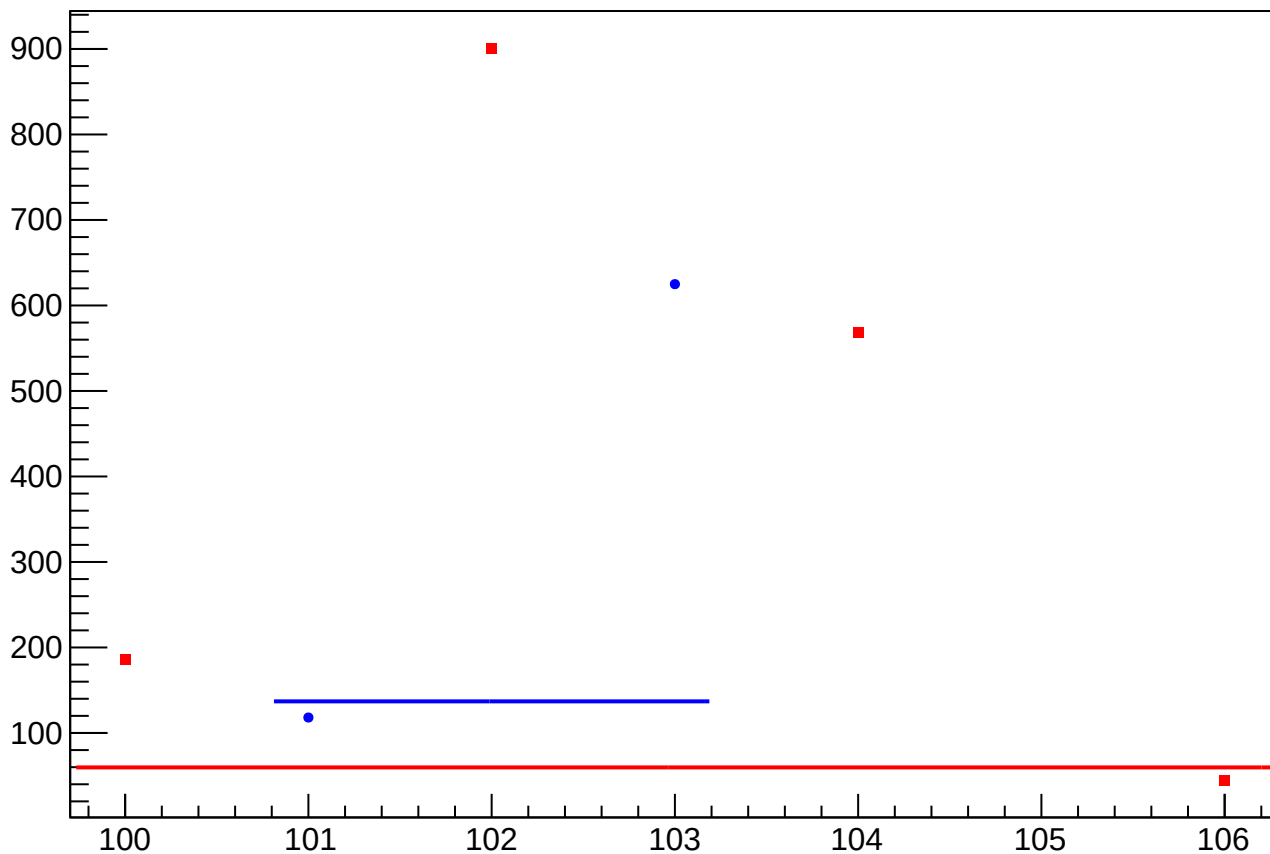
Right: -0.087 $\pm$ 0.083 χ^2 /NDF: 4.0/5

In: -0.006 $\pm$ 0.156 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.087 $\pm$ 0.083 χ^2 /NDF: 4.0/5

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.973 $\pm$ 0.110 χ^2 /NDF: 758646.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.727 $\pm$ 0.069 χ^2 /NDF: 1774412.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

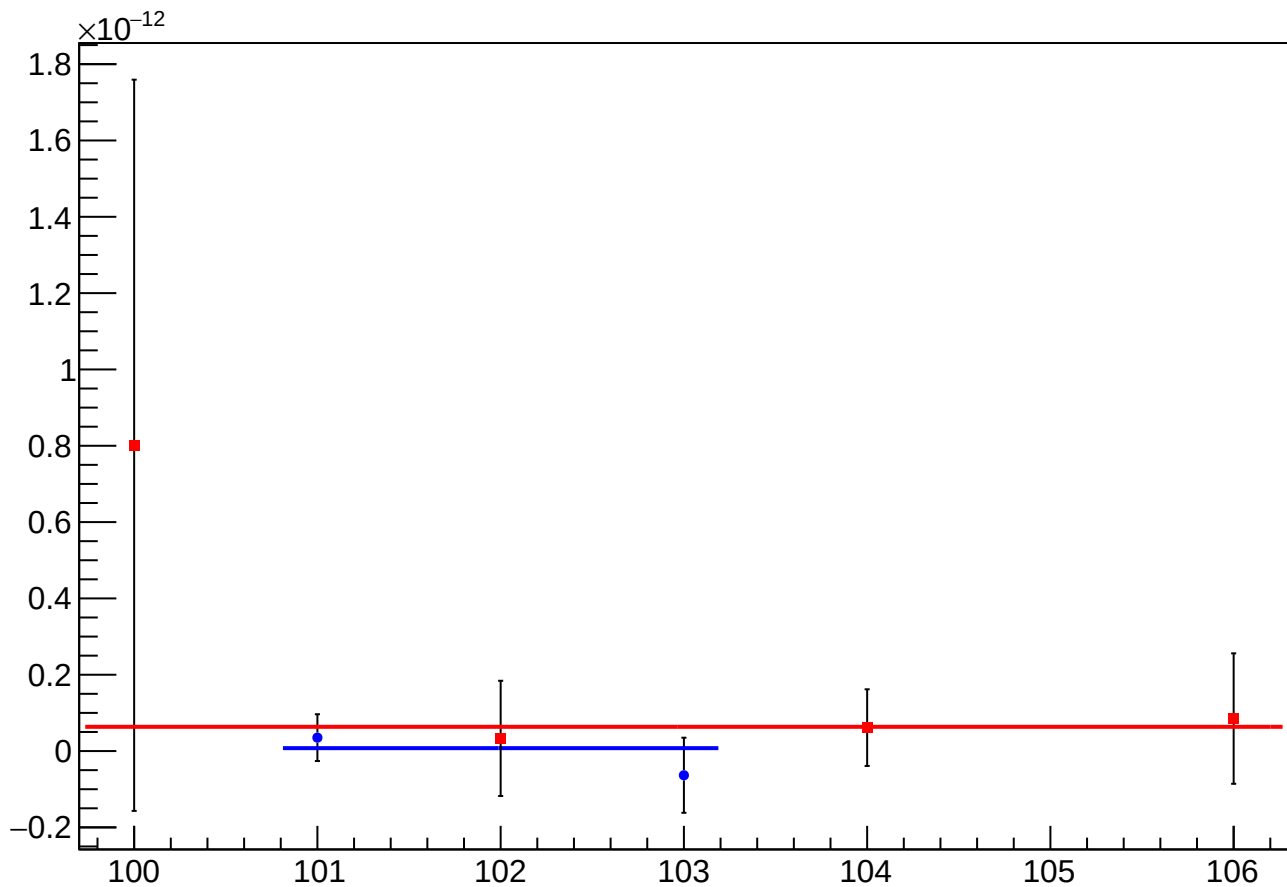
Right: 81.625 $\pm$ 0.059 χ^2 /NDF: 2884596.1/5

In: 136.973 $\pm$ 0.110 χ^2 /NDF:758646.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 81.625 $\pm$ 0.059 χ^2 /NDF: 2884596.1/5

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

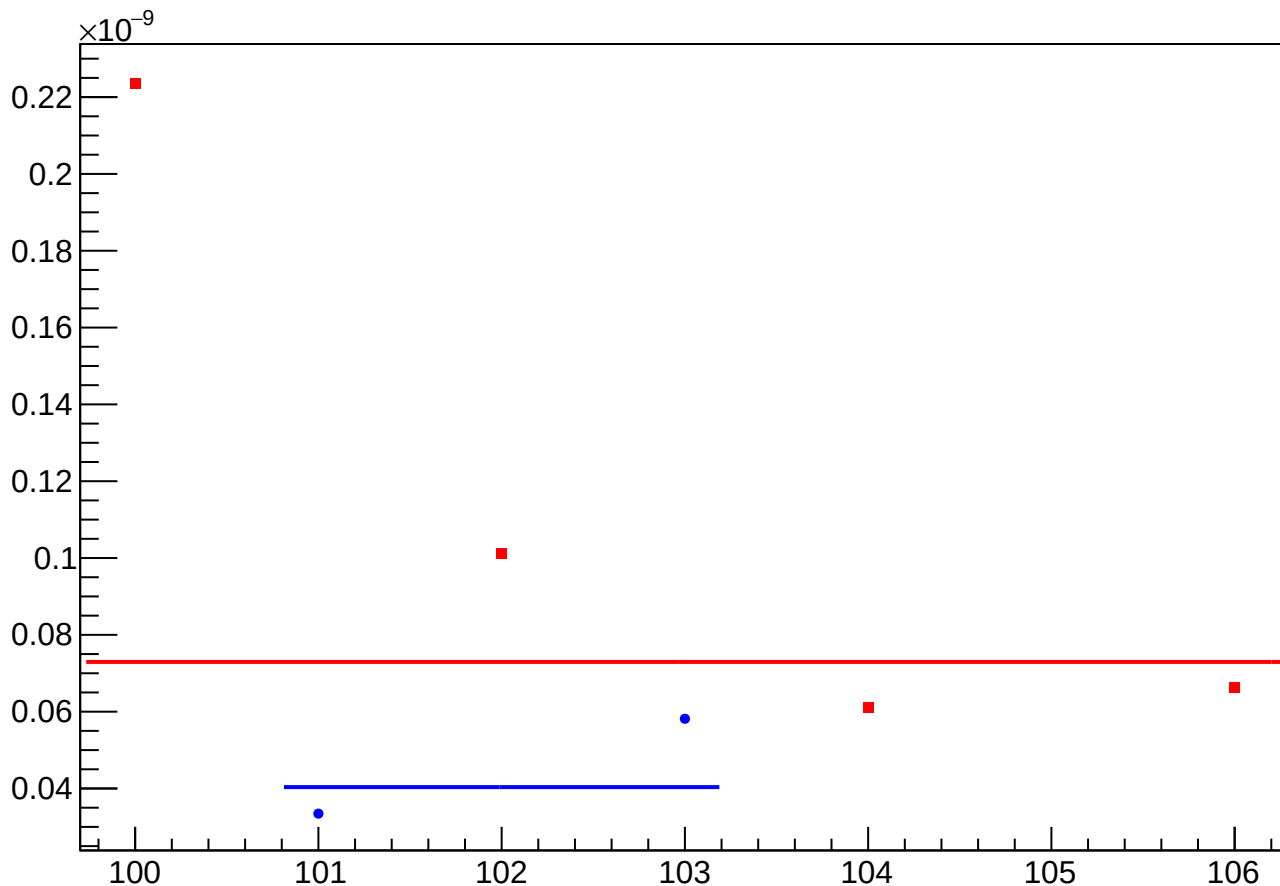
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/5

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 90816.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 149623.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

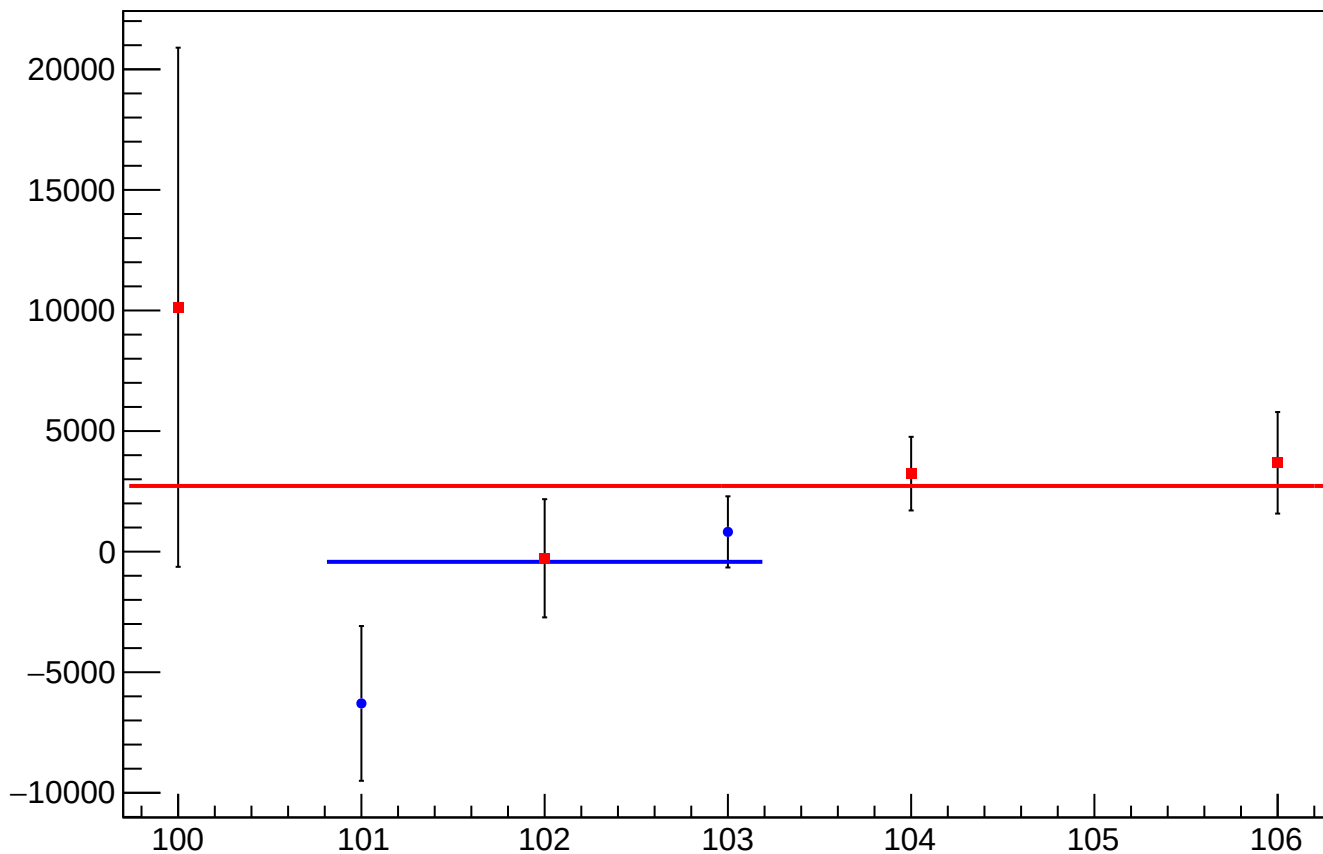
Right: 0.000+/-0.000 χ^2/NDF : 495891.0/5

In: 0.000+/-0.000 χ^2/NDF : 90816.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 495891.0/5

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.471+/-1340.509 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2724.048+/-1097.775 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

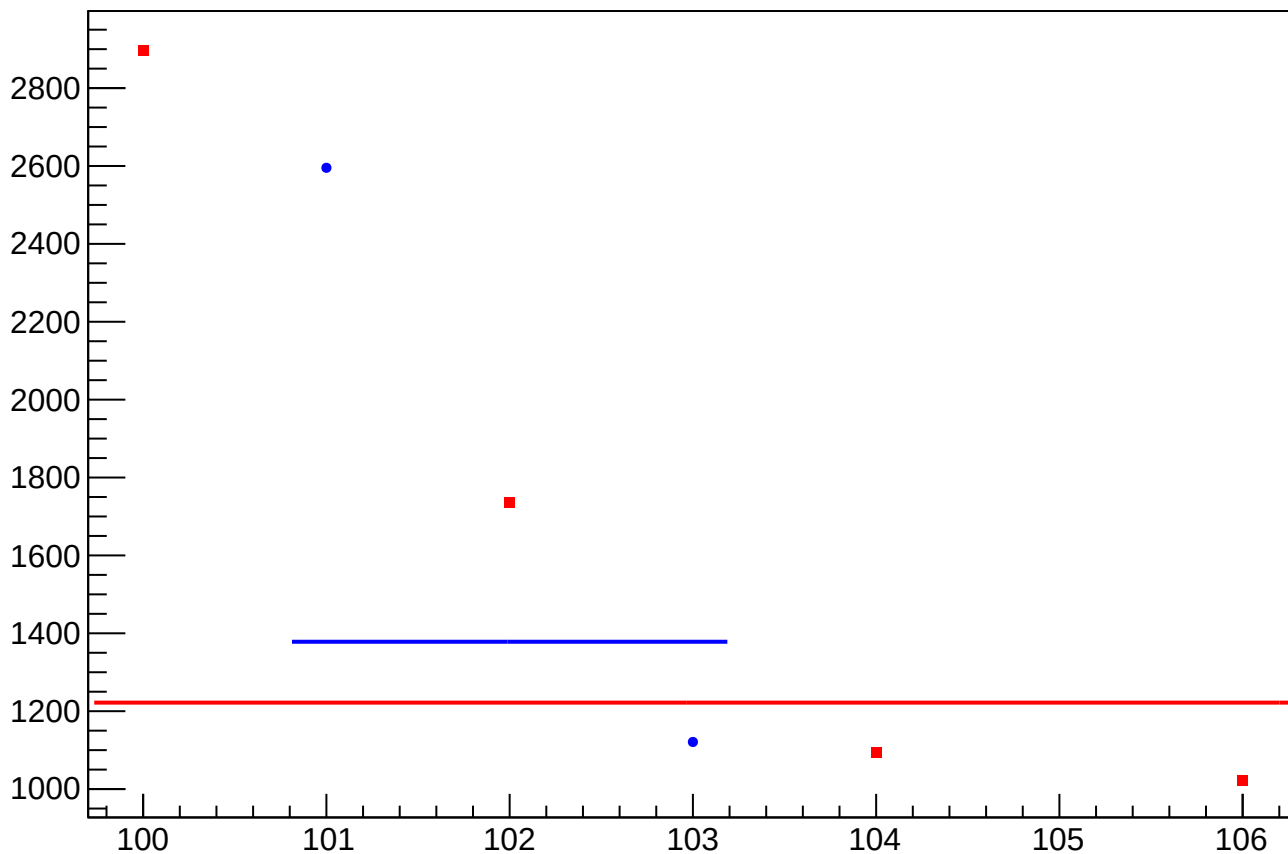
Right: 1460.955+/-849.322 χ^2/NDF : 9.6/5

In: -422.471+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.955+/-849.322 χ^2/NDF : 9.6/5

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.315+/-0.948 χ^2/NDF : 348581.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1222.012+/-0.776 χ^2/NDF : 168297.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

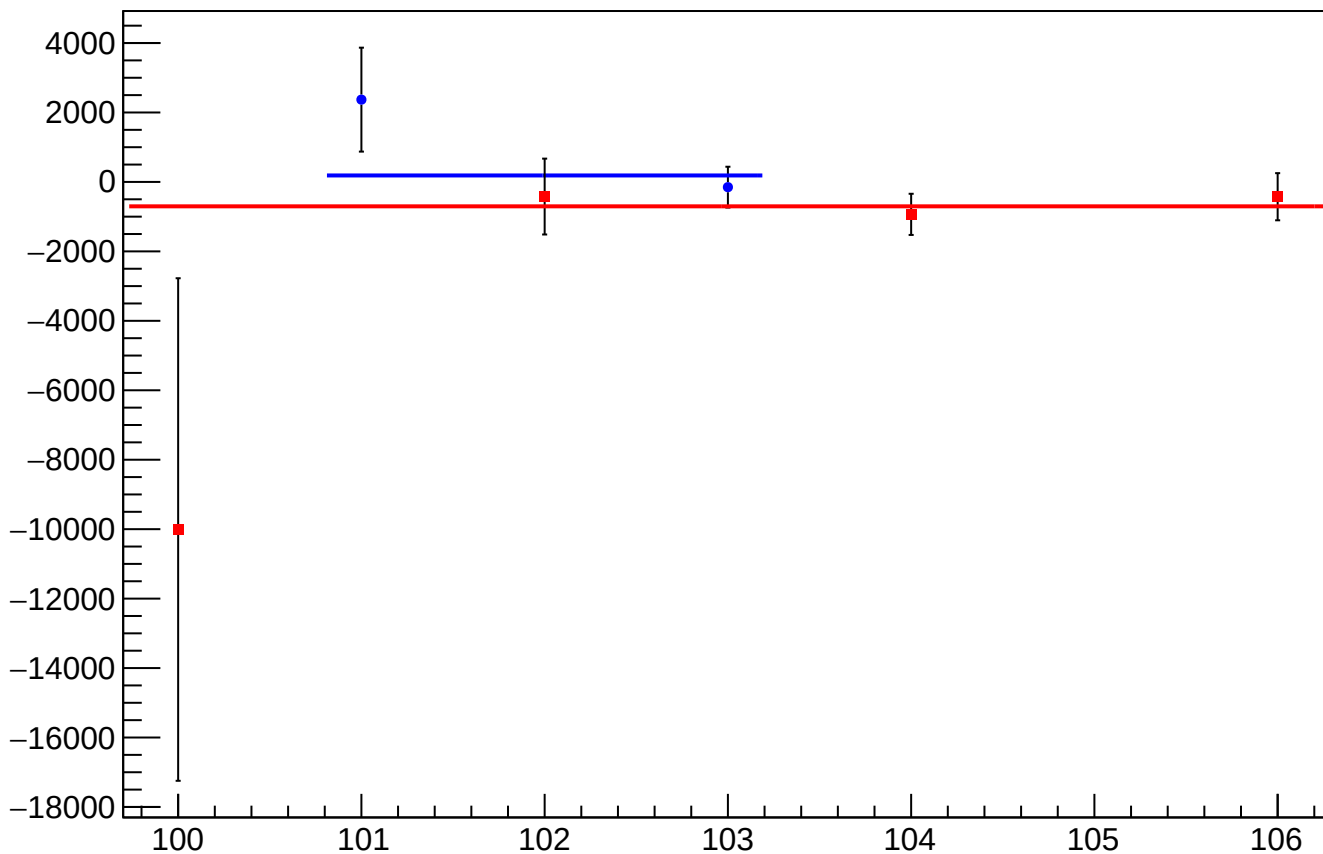
Right: 1284.755+/-0.601 χ^2/NDF : 533154.9/5

In: 1378.315+/-0.948 χ^2/NDF : 348581.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.755+/-0.601 χ^2/NDF : 533154.9/5

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 186.480+/-547.209 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -702.756+/-412.653 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

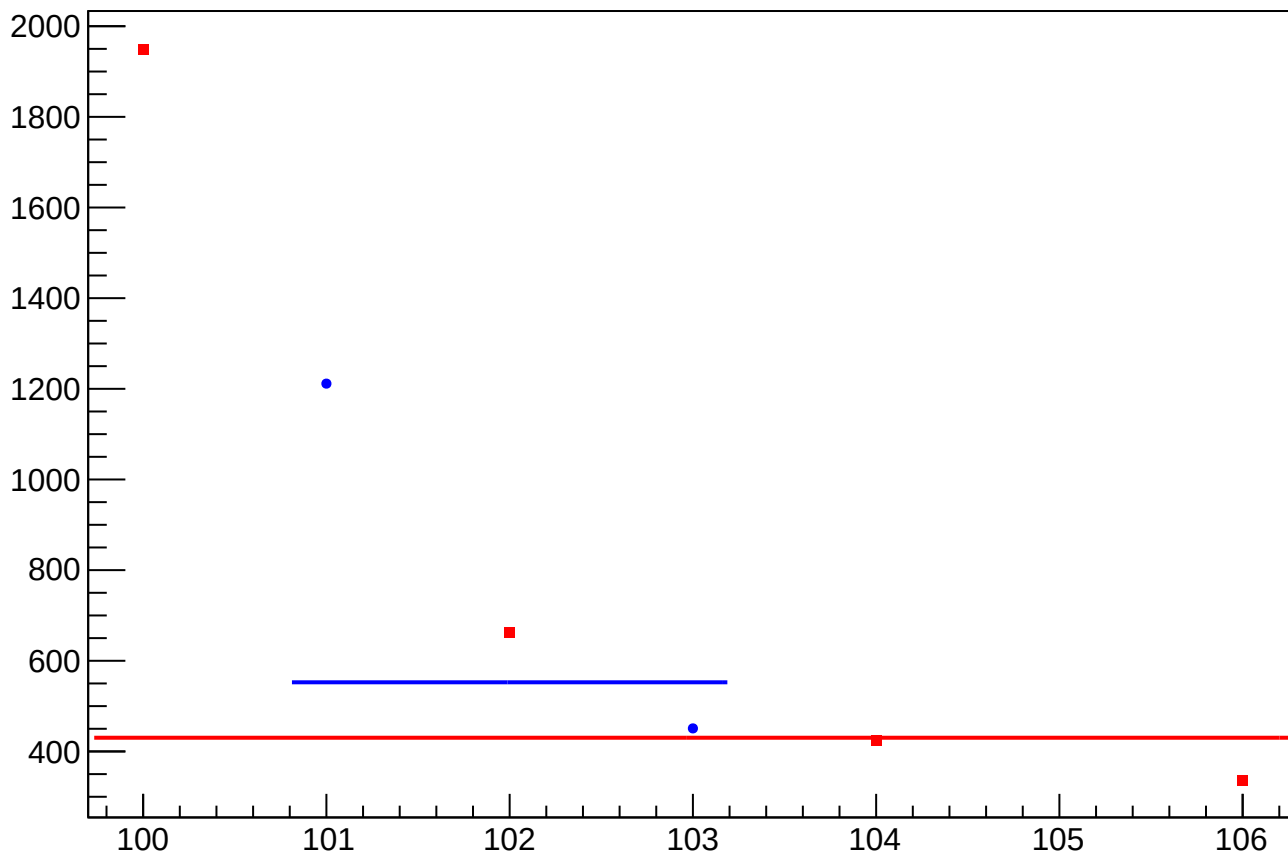
Right: -380.391+/-329.472 χ^2/NDF : 6.2/5

In: 186.480+/-547.209 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.391+/-329.472 χ^2/NDF : 6.2/5

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 552.532+/-0.387 χ^2/NDF : 447508.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 430.246+/-0.292 χ^2/NDF : 217961.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

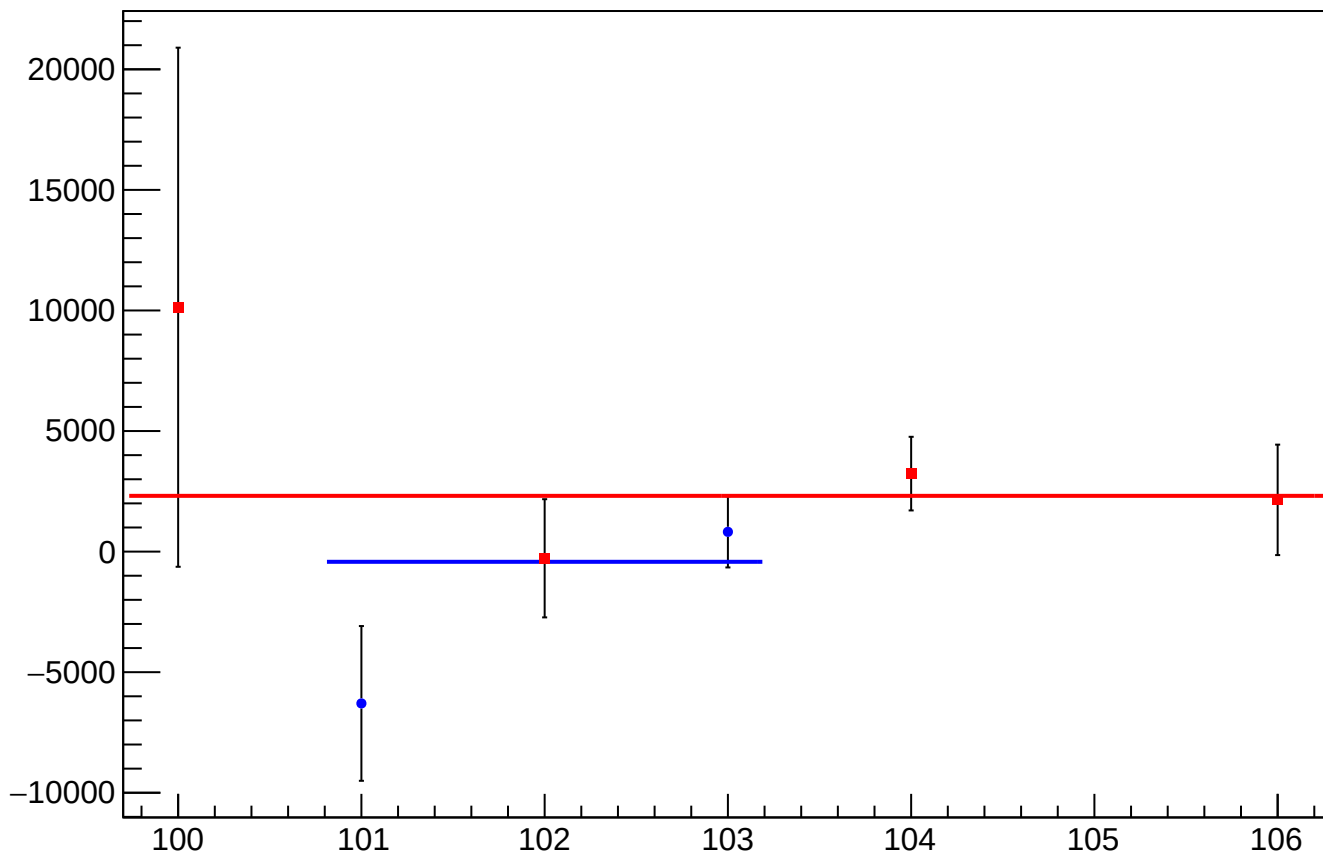
Right: 474.577+/-0.233 χ^2/NDF : 729142.6/5

In: 552.532+/-0.387 χ^2/NDF : 447508.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.577+/-0.233 χ^2/NDF : 729142.6/5

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2312.454+/-1121.617 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

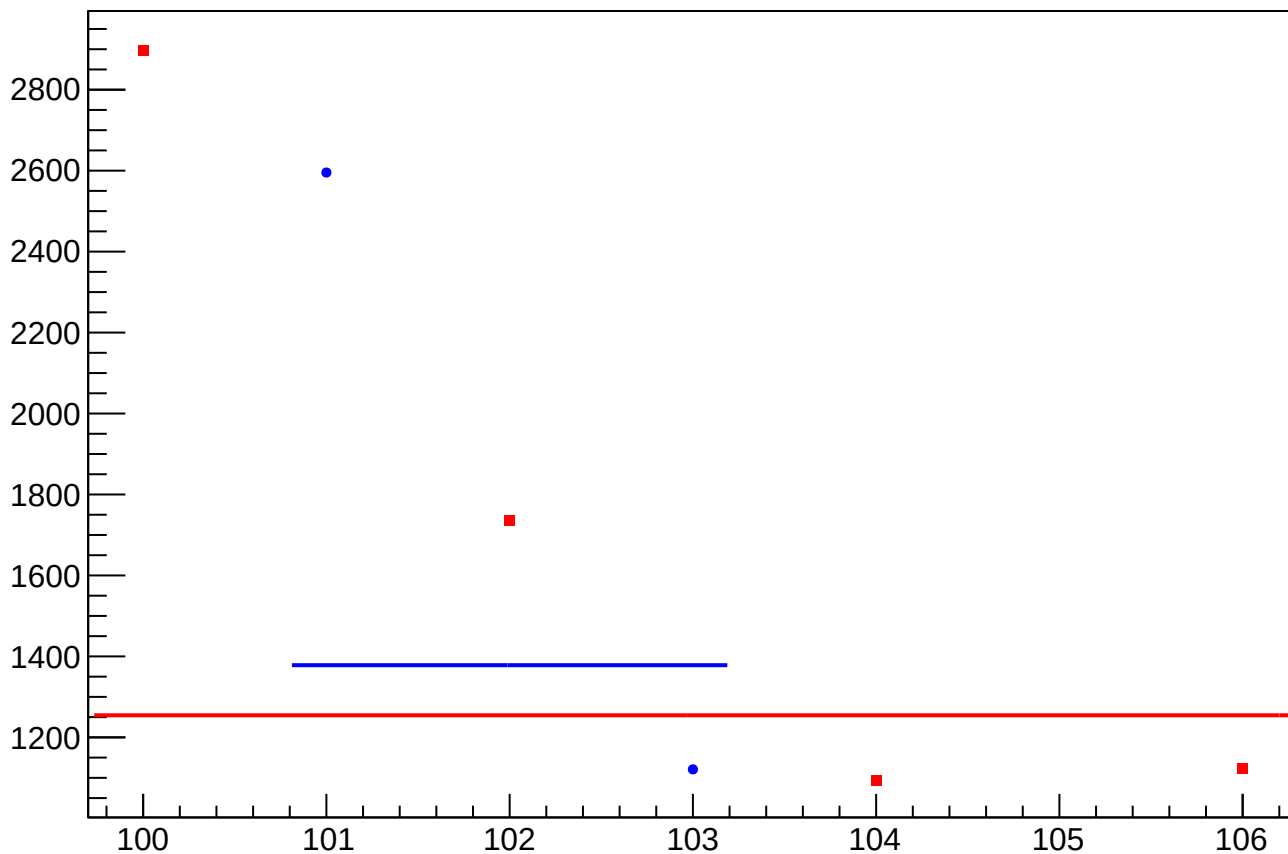
Right: 1186.046+/-860.220 χ^2/NDF : 8.5/5

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.046+/-860.220 χ^2/NDF : 8.5/5

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1254.549+/-0.793 χ^2/NDF : 152519.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

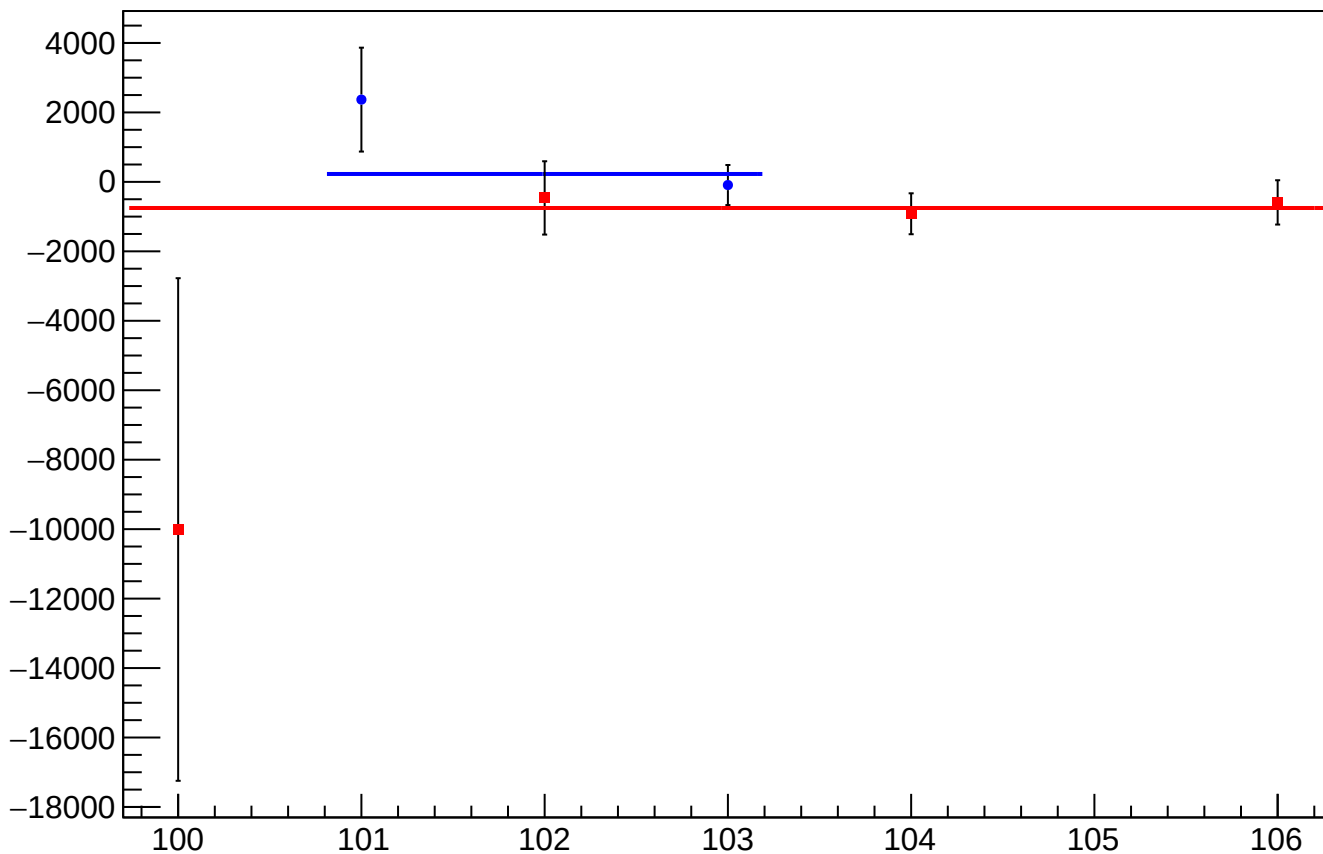
Right: 1305.514+/-0.608 χ^2/NDF : 511128.6/5

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.514+/-0.608 χ^2/NDF : 511128.6/5

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.410+/-538.173 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -751.982+/-399.909 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

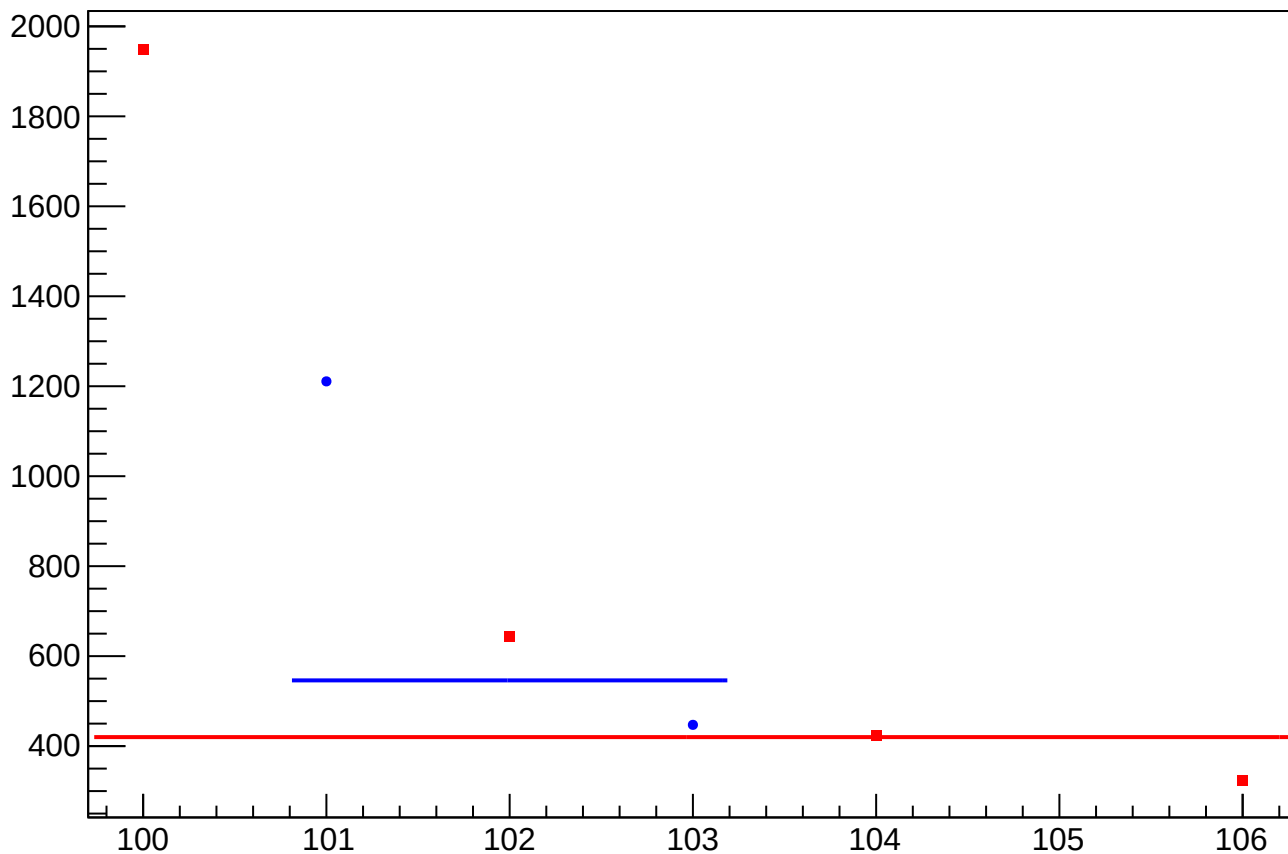
Right: -403.569+/-320.989 χ^2/NDF : 6.3/5

In: 227.410+/-538.173 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.569+/-320.989 χ^2/NDF : 6.3/5

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.013+/-0.283 χ^2/NDF : 224257.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

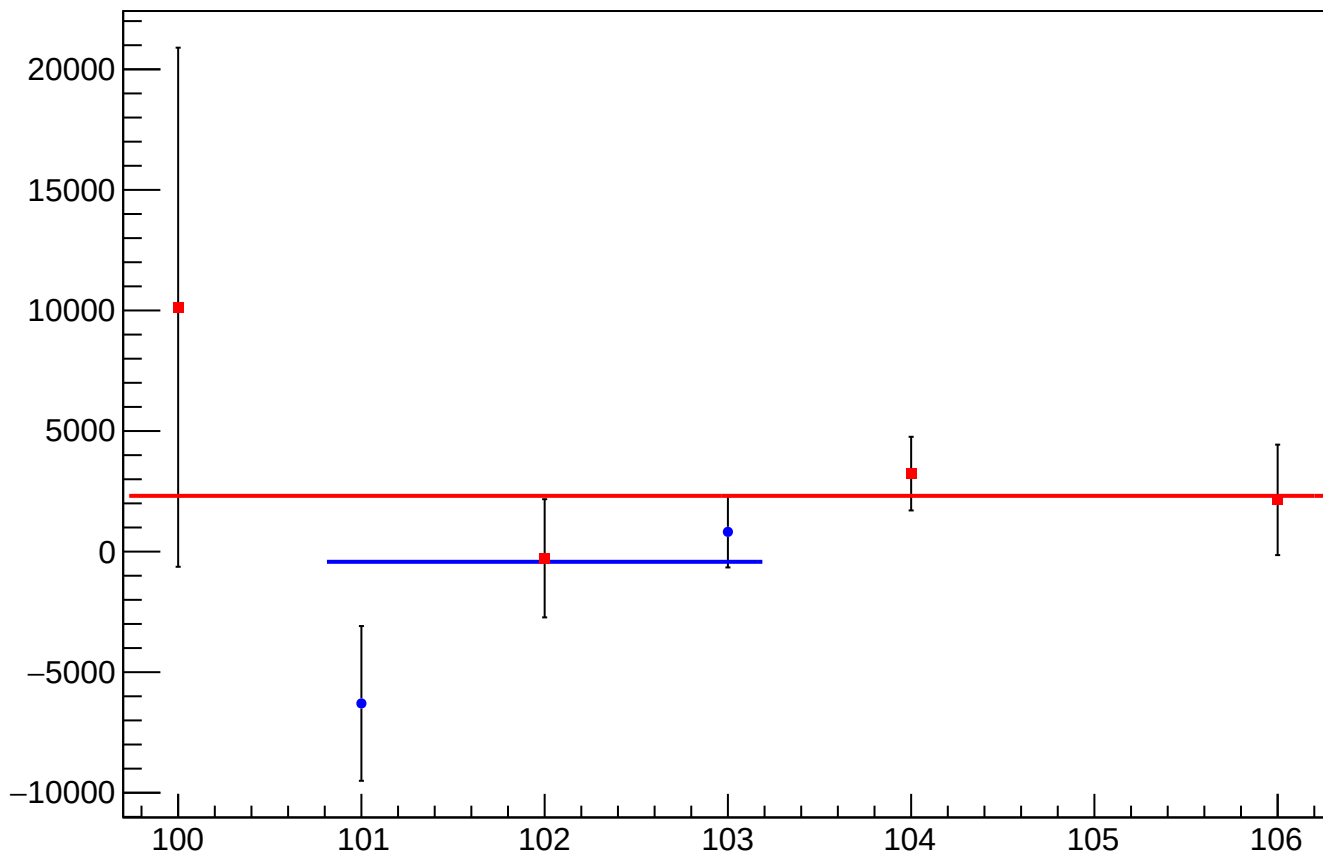
Right: 464.866+/-0.227 χ^2/NDF : 748604.8/5

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.866+/-0.227 χ^2/NDF : 748604.8/5

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2312.454+/-1121.617 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

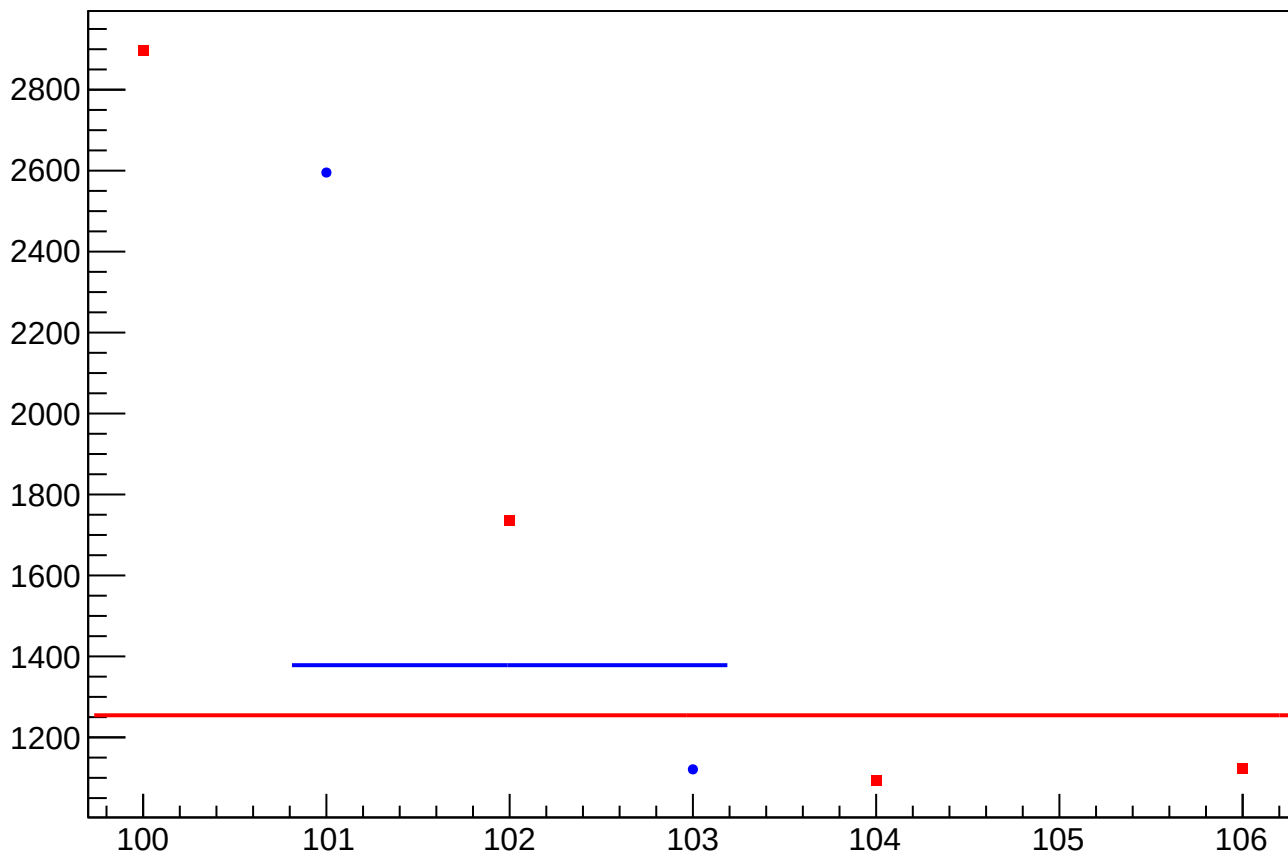
Right: 1186.046+/-860.220 χ^2/NDF : 8.5/5

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.046+/-860.220 χ^2/NDF : 8.5/5

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1254.549+/-0.793 χ^2/NDF : 152519.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

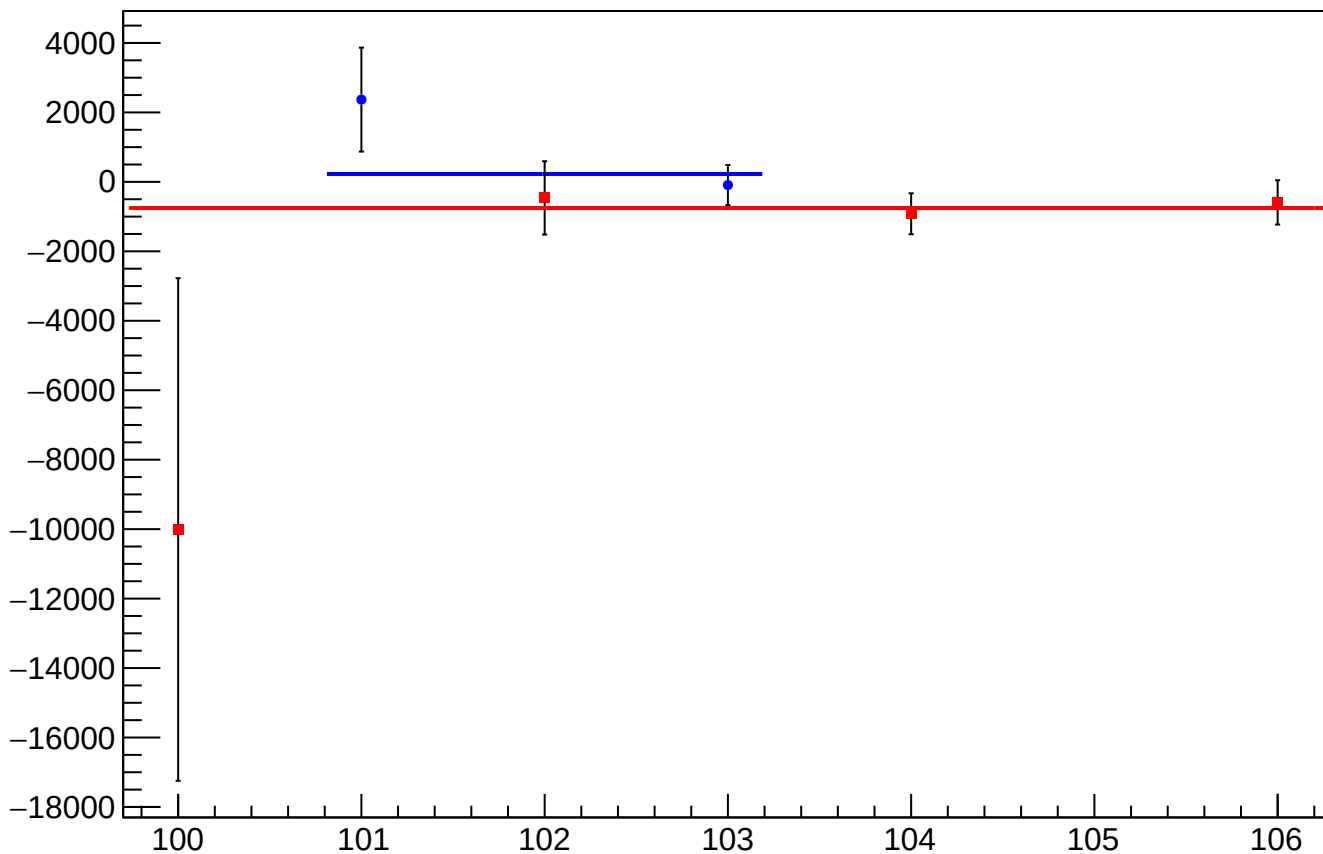
Right: 1305.514+/-0.608 χ^2/NDF : 511128.6/5

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.514+/-0.608 χ^2/NDF : 511128.6/5

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.410+/-538.173 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -751.982+/-399.909 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

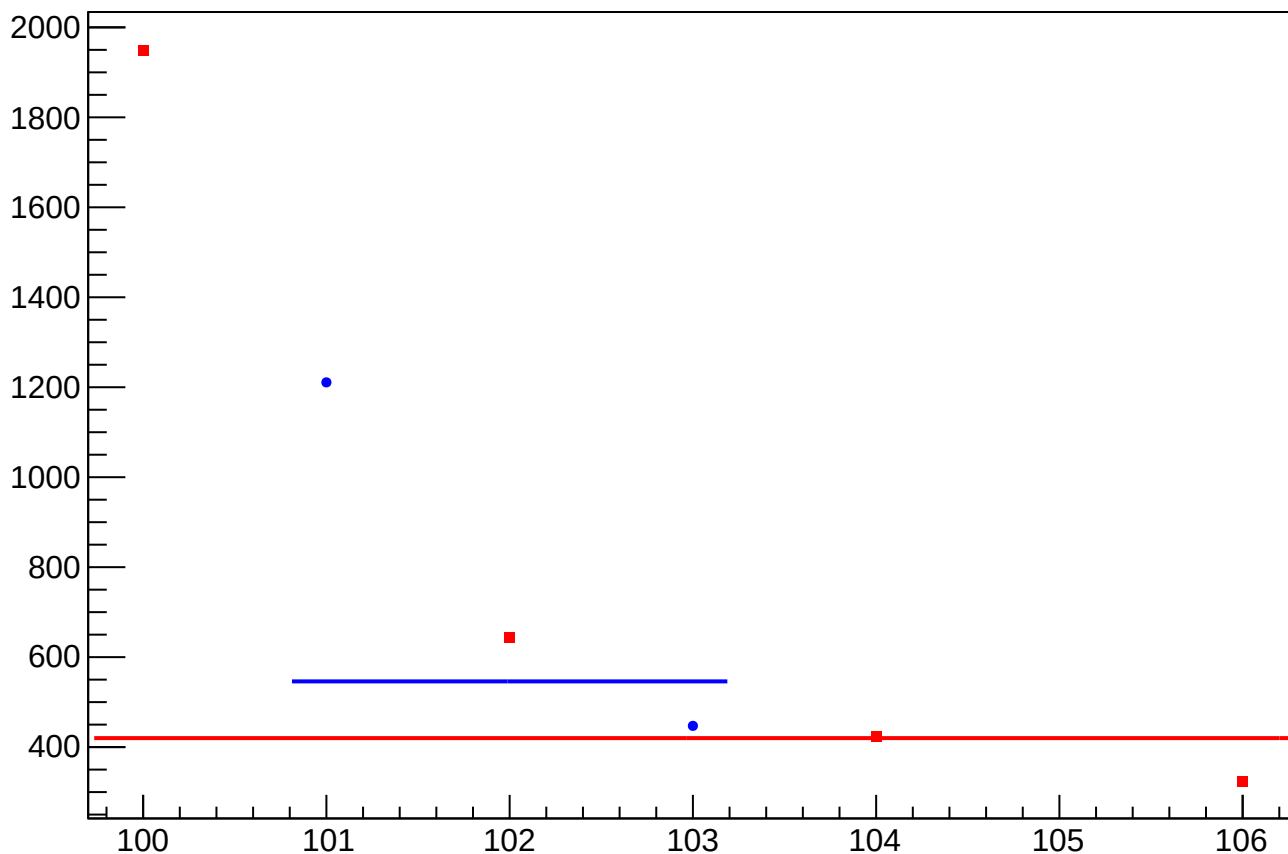
Right: -403.569+/-320.989 χ^2/NDF : 6.3/5

In: 227.410+/-538.173 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.569+/-320.989 χ^2/NDF : 6.3/5

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.013+/-0.283 χ^2/NDF : 224257.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

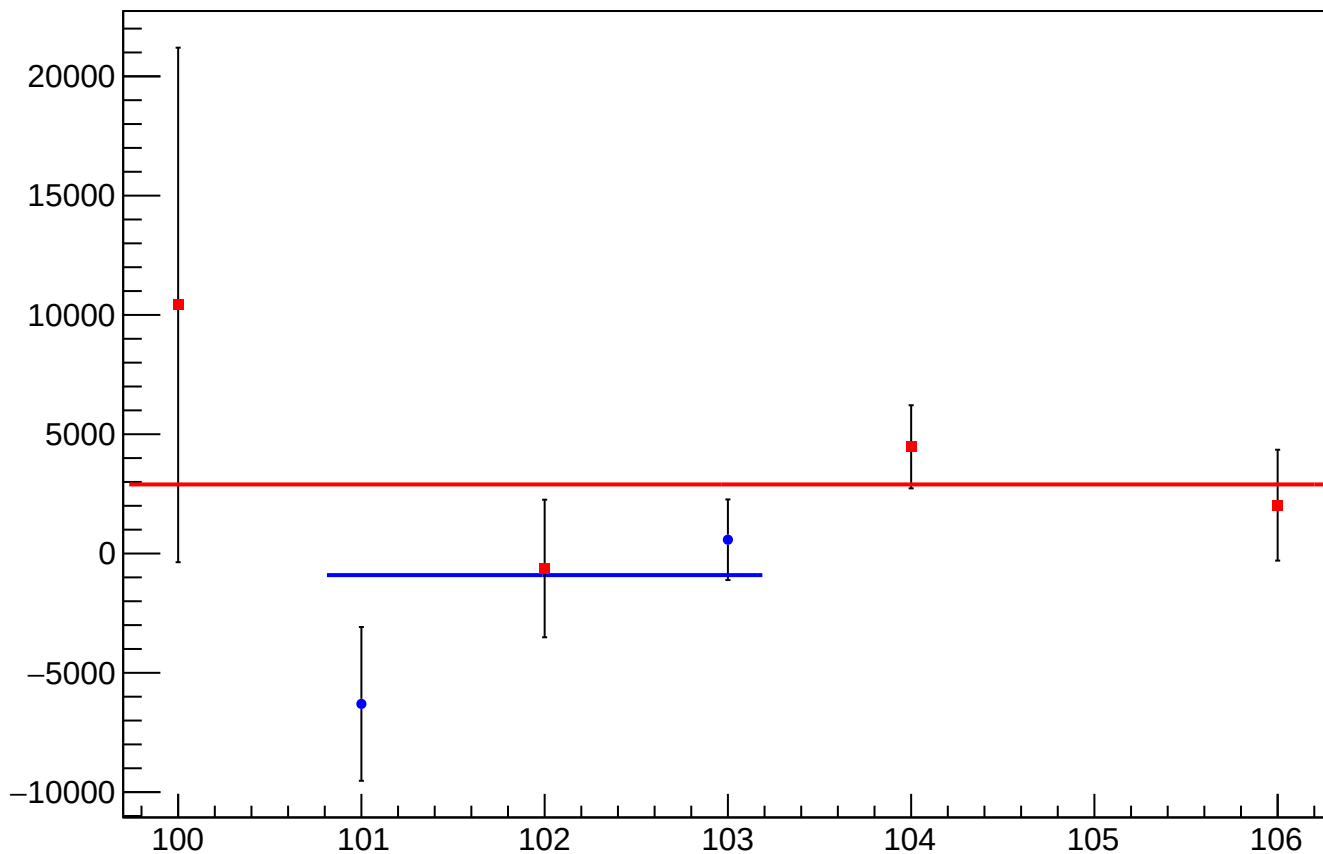
Right: 464.866+/-0.227 χ^2/NDF : 748604.8/5

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.866+/-0.227 χ^2/NDF : 748604.8/5

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -904.795+/-1496.070 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2895.458+/-1246.198 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

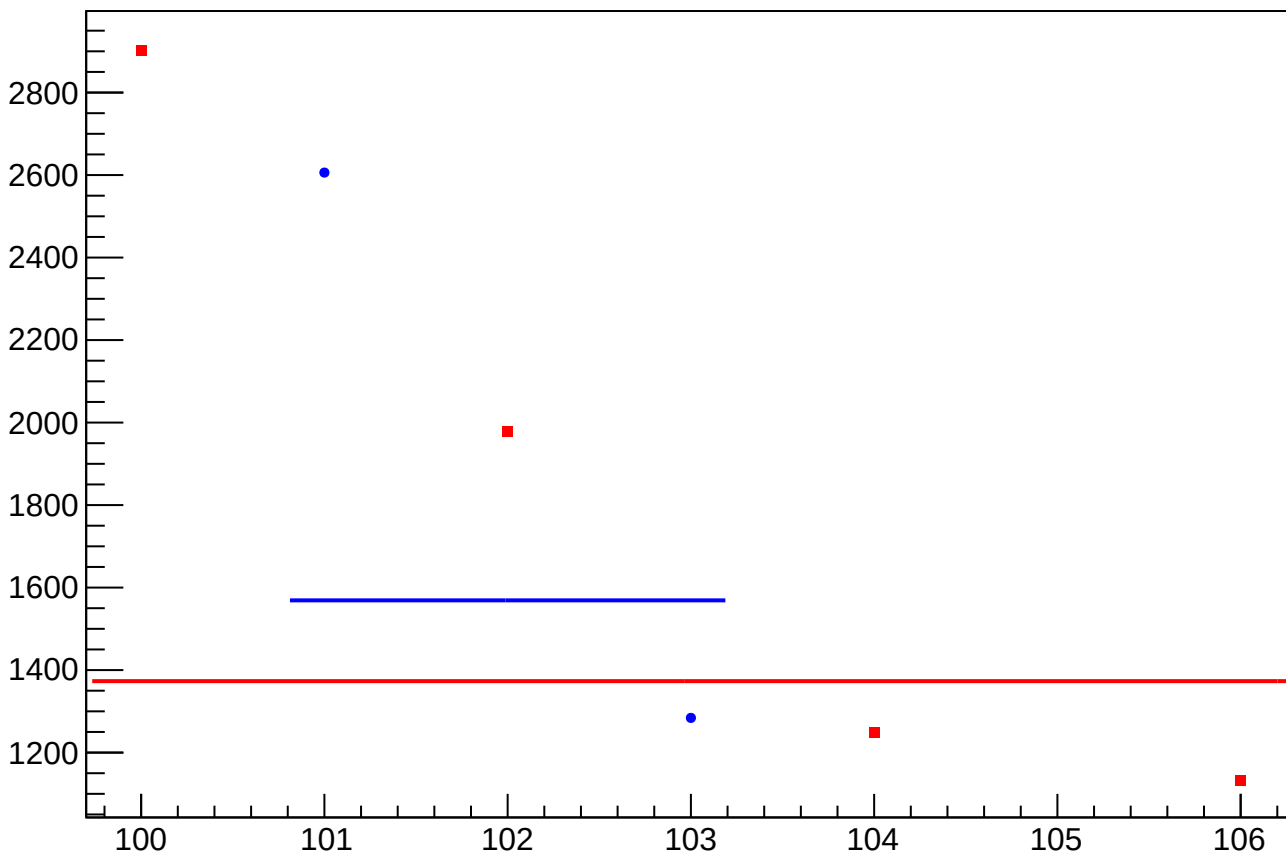
Right: 1338.753+/-957.522 χ^2/NDF : 10.3/5

In: -904.795+/-1496.070 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.753+/-957.522 χ^2/NDF : 10.3/5

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1569.020+/-1.058 χ^2/NDF : 264017.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.209+/-0.881 χ^2/NDF : 159861.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

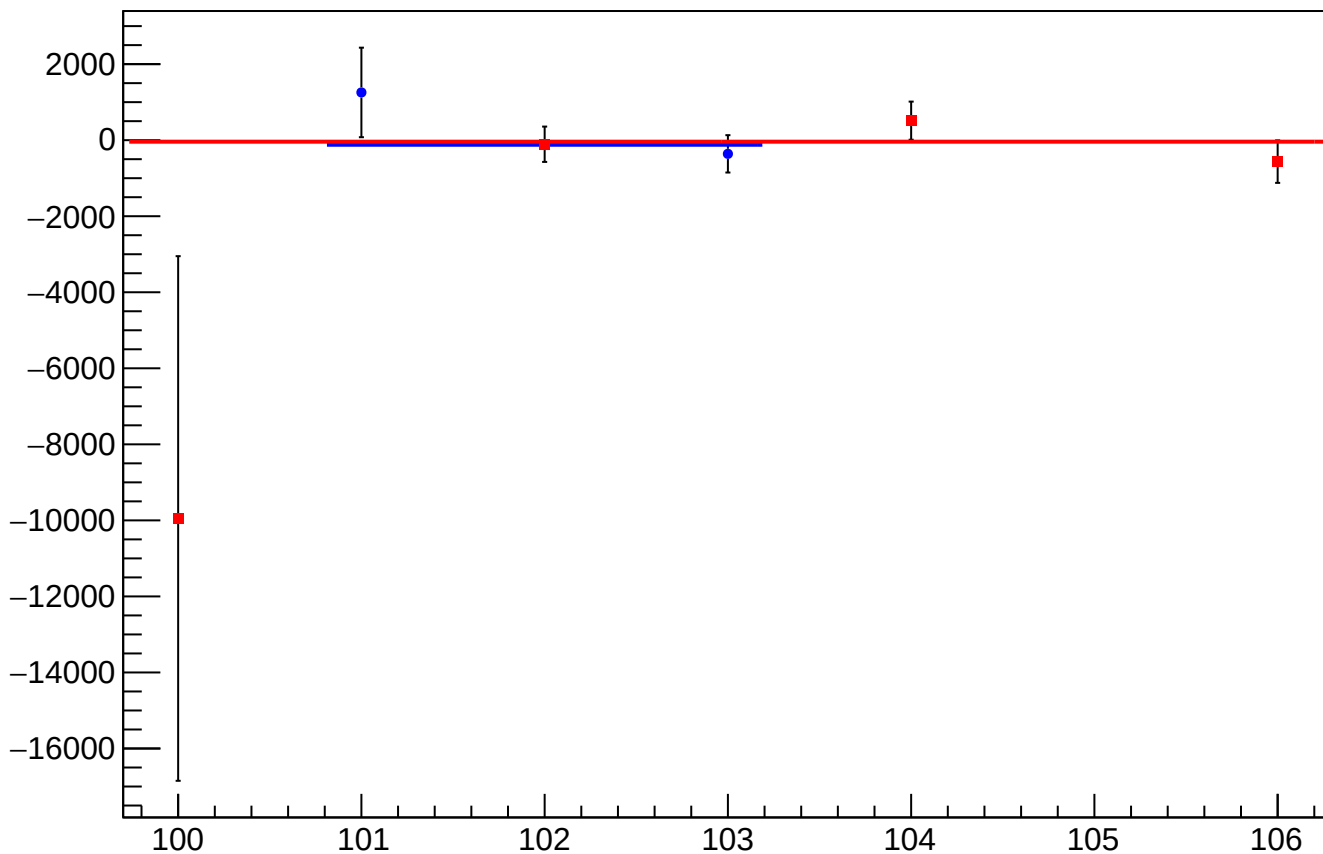
Right: 1453.418+/-0.677 χ^2/NDF : 444106.0/5

In: 1569.020+/-1.058 χ^2/NDF : 264017.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.418+/-0.677 χ^2/NDF : 444106.0/5

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -120.104+/-453.449 χ^2 /NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -39.568+/-290.697 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

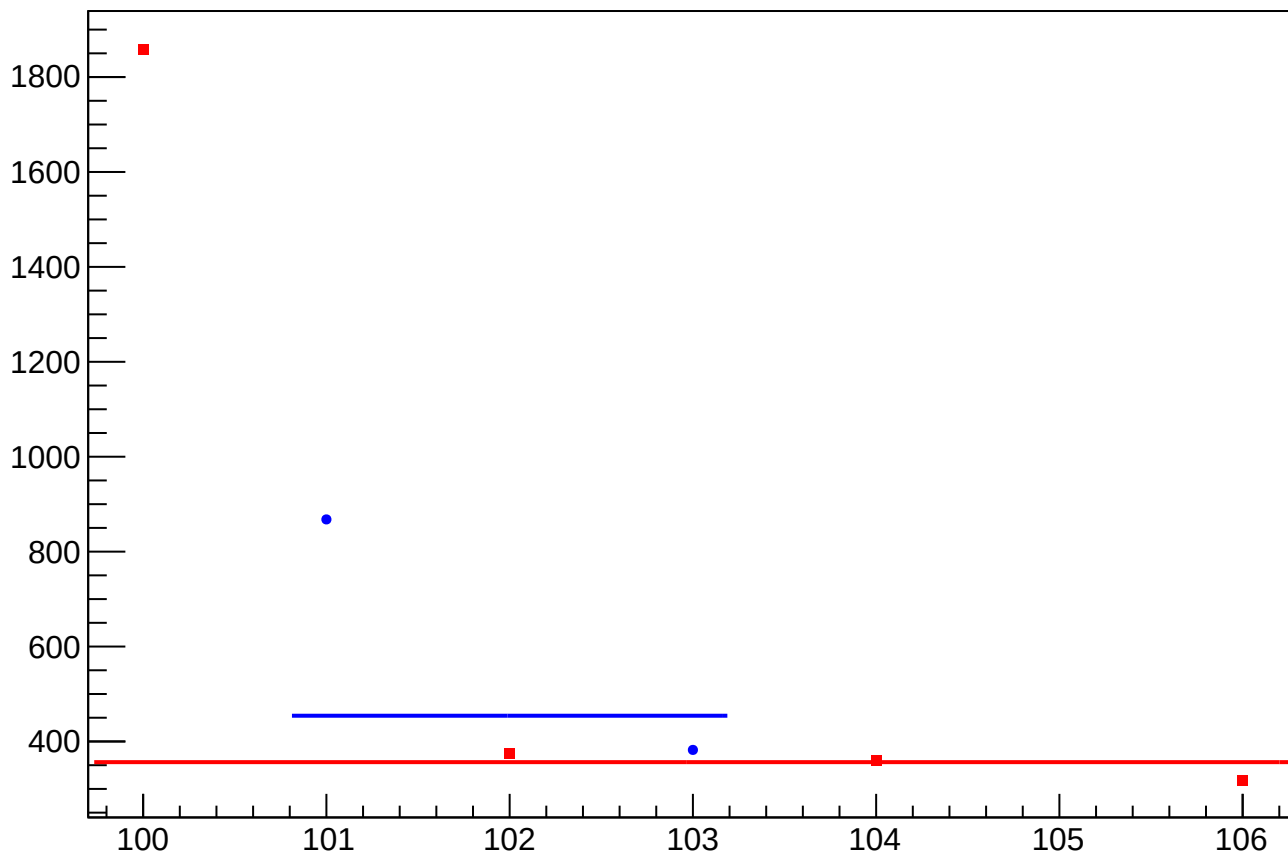
Right: -63.026+/-244.726 χ^2 /NDF: 5.8/5

In: -120.104+/-453.449 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -63.026+/-244.726 χ^2 /NDF: 5.8/5

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 454.229+/-0.321 χ^2/NDF : 289791.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.425+/-0.206 χ^2/NDF : 107169.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

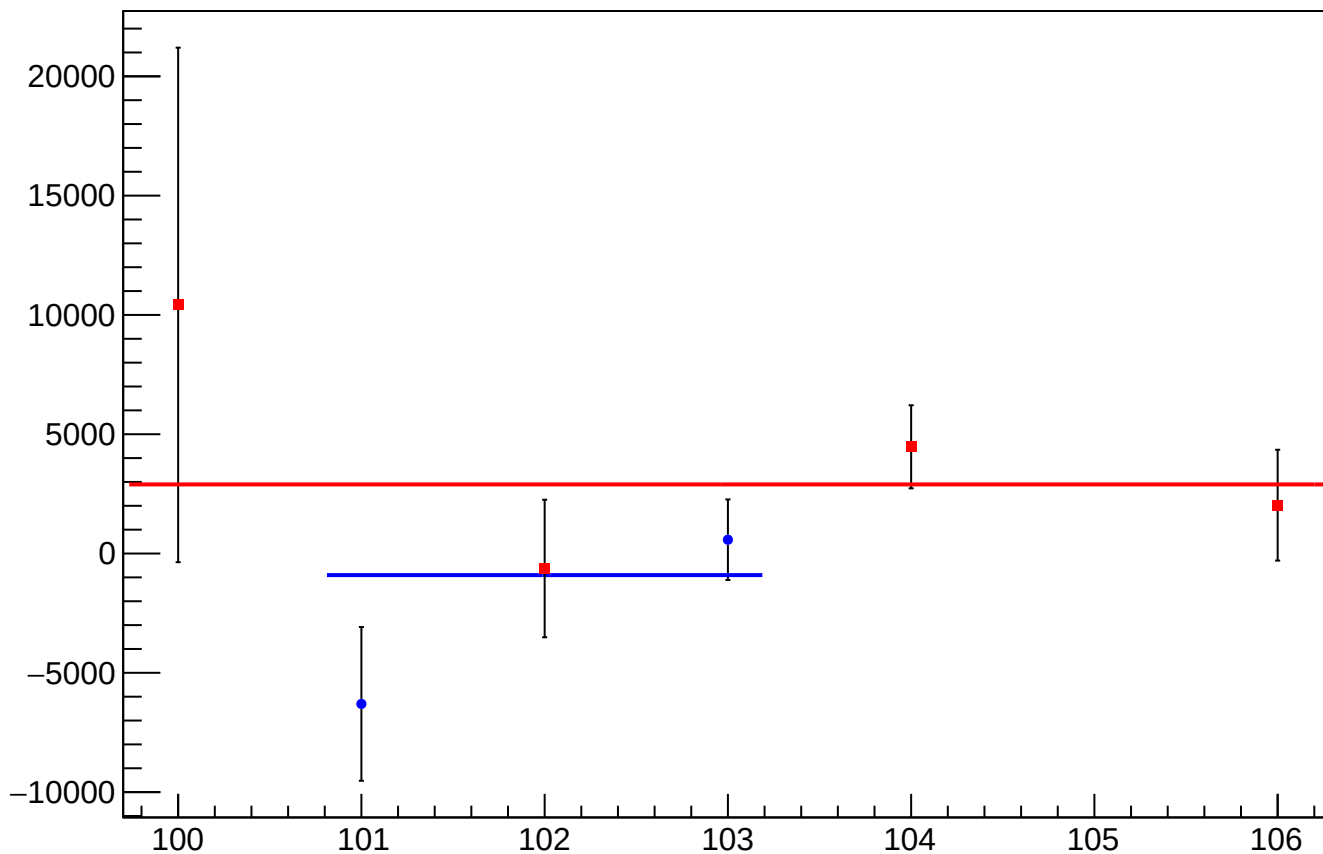
Right: 384.913+/-0.173 χ^2/NDF : 462903.3/5

In: 454.229+/-0.321 χ^2/NDF : 289791.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.913+/-0.173 χ^2/NDF : 462903.3/5

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -904.802+/-1496.070 χ^2/NDF : 3.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2895.470+/-1246.198 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

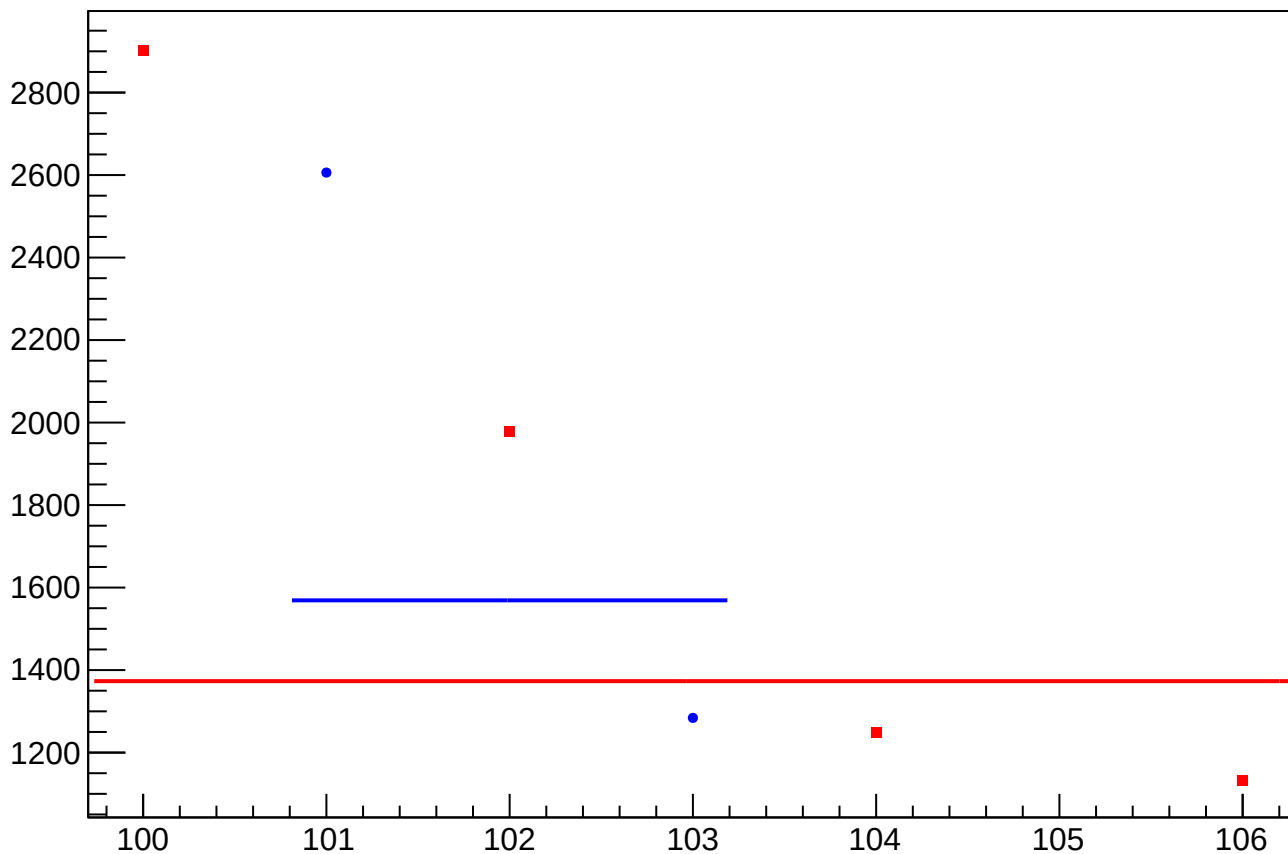
Right: 1338.758+/-957.522 χ^2/NDF : 10.3/5

In: -904.802+/-1496.070 χ^2/NDF :3.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1338.758+/-957.522 χ^2/NDF : 10.3/5

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1569.020+/-1.058 χ^2/NDF : 264017.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.209+/-0.881 χ^2/NDF : 159861.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

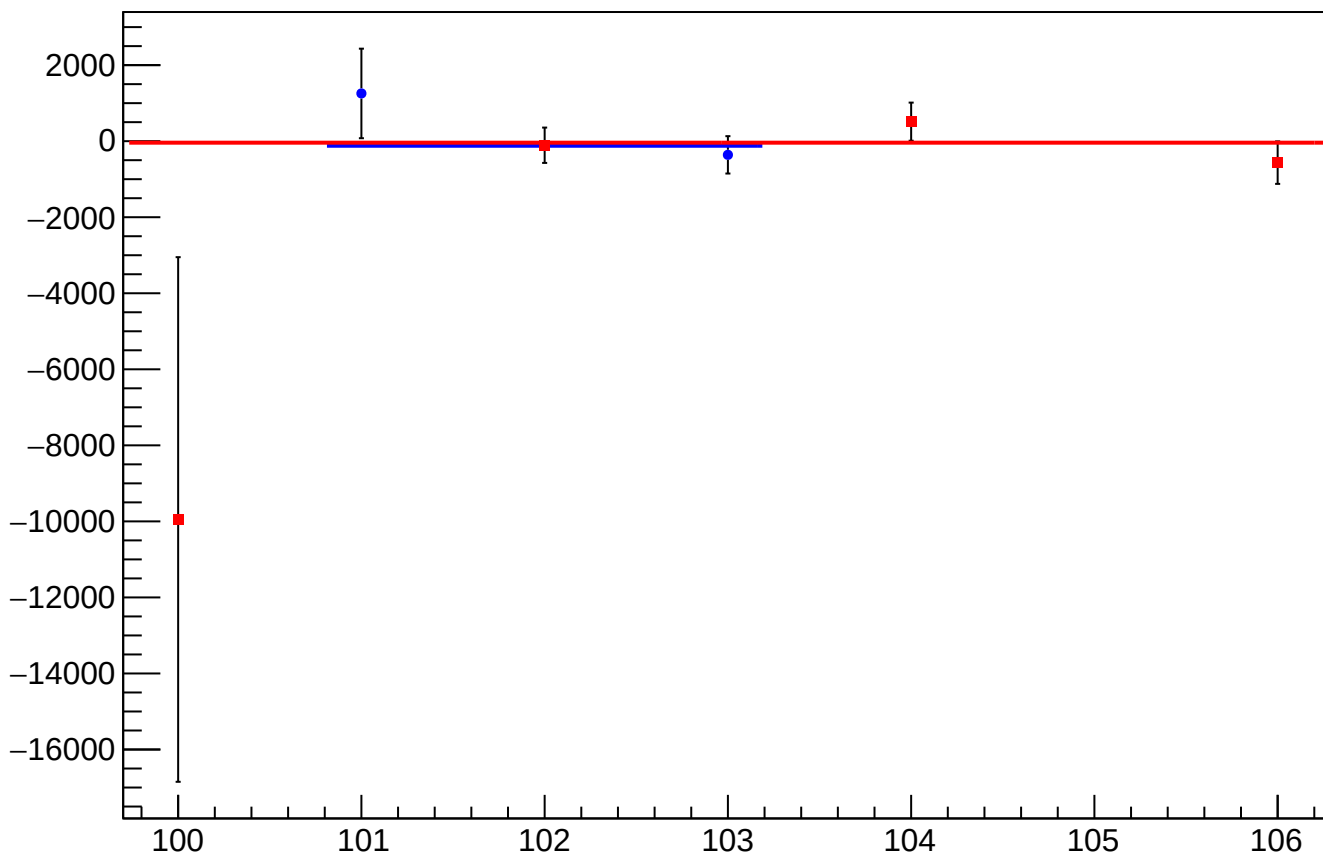
Right: 1453.418+/-0.677 χ^2/NDF : 444106.1/5

In: 1569.020+/-1.058 χ^2/NDF : 264017.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.418+/-0.677 χ^2/NDF : 444106.1/5

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -120.103+/-453.447 χ^2 /NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -39.569+/-290.693 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

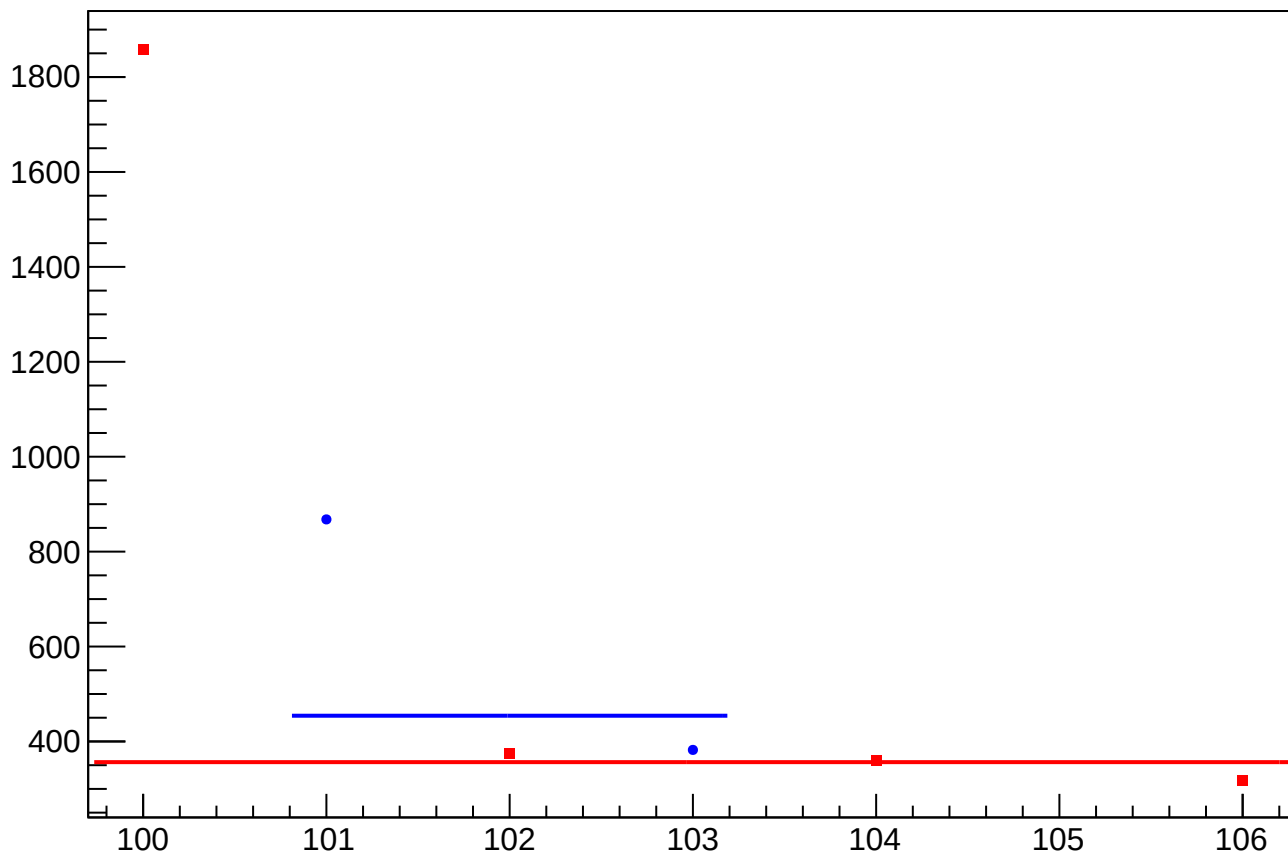
Right: -63.027+/-244.723 χ^2 /NDF: 5.8/5

In: -120.103+/-453.447 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -63.027+/-244.723 χ^2 /NDF: 5.8/5

asym_us_dd_at2lr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.420+/-0.206 χ^2/NDF : 107174.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

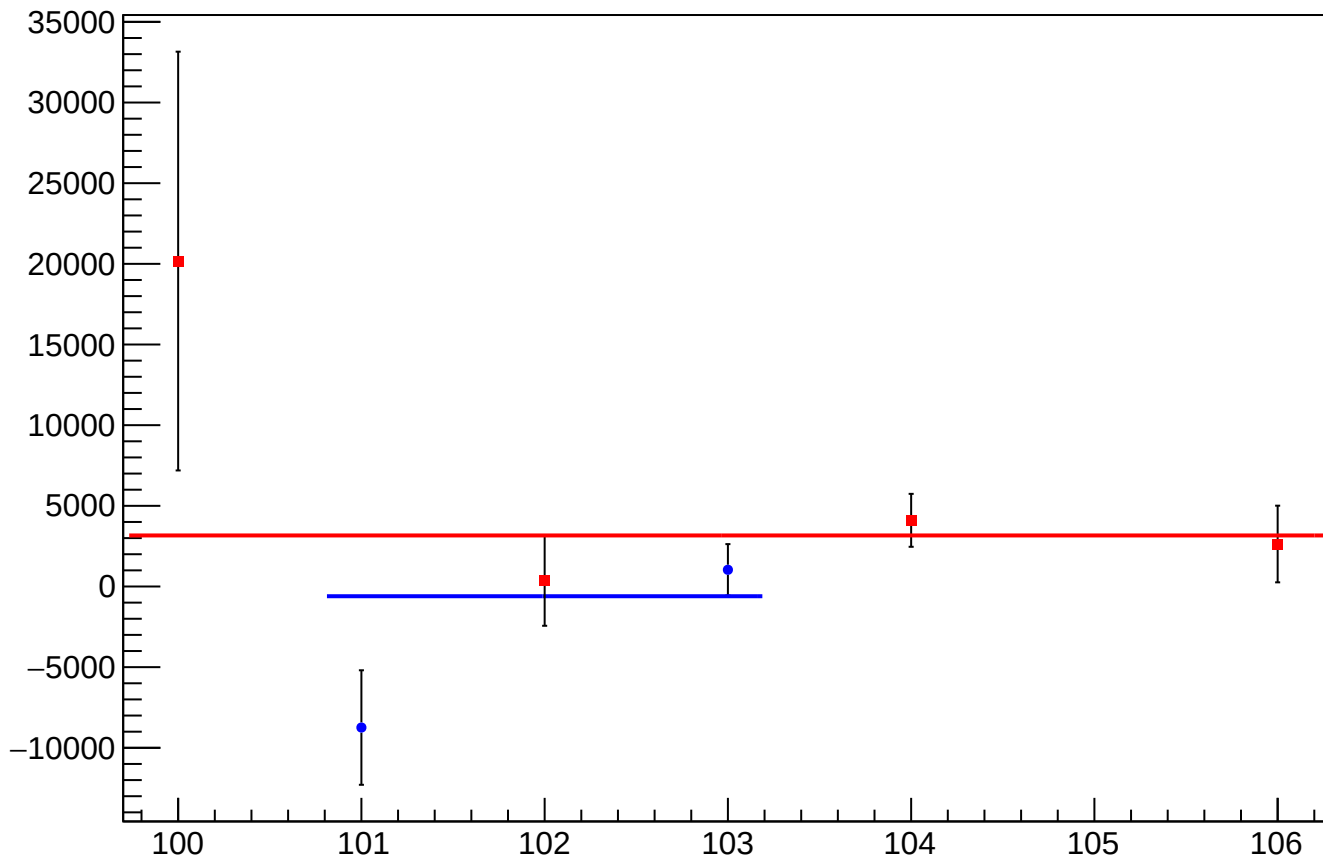
Right: 384.909+/-0.173 χ^2/NDF : 462913.2/5

In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 384.909+/-0.173 χ^2/NDF : 462913.2/5

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -603.412+/-1452.839 χ^2/NDF : 6.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3164.192+/-1211.293 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

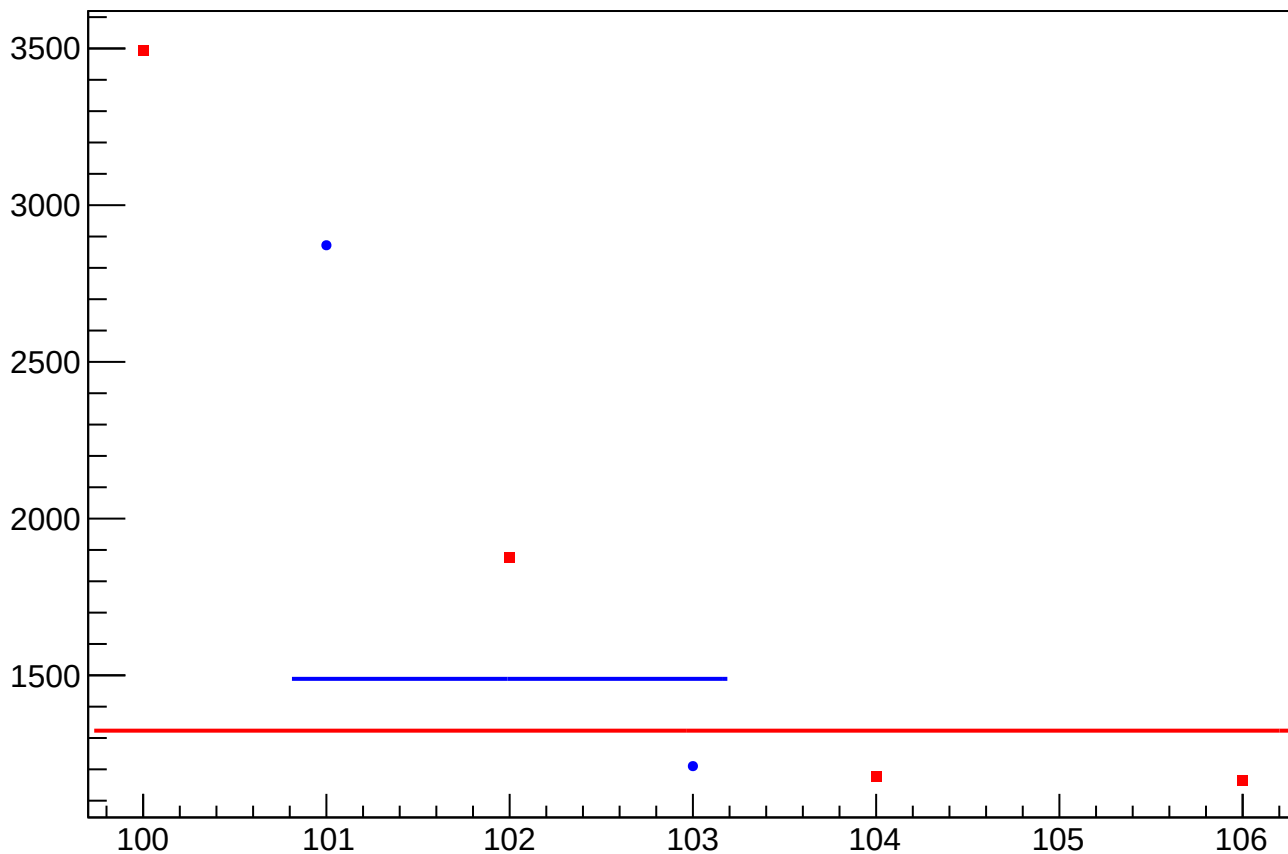
Right: 1619.198+/-930.354 χ^2/NDF : 13.4/5

In: -603.412+/-1452.839 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.198+/-930.354 χ^2/NDF : 13.4/5

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1488.716+/-1.027 χ^2/NDF : 365001.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1323.418+/-0.857 χ^2/NDF : 158232.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

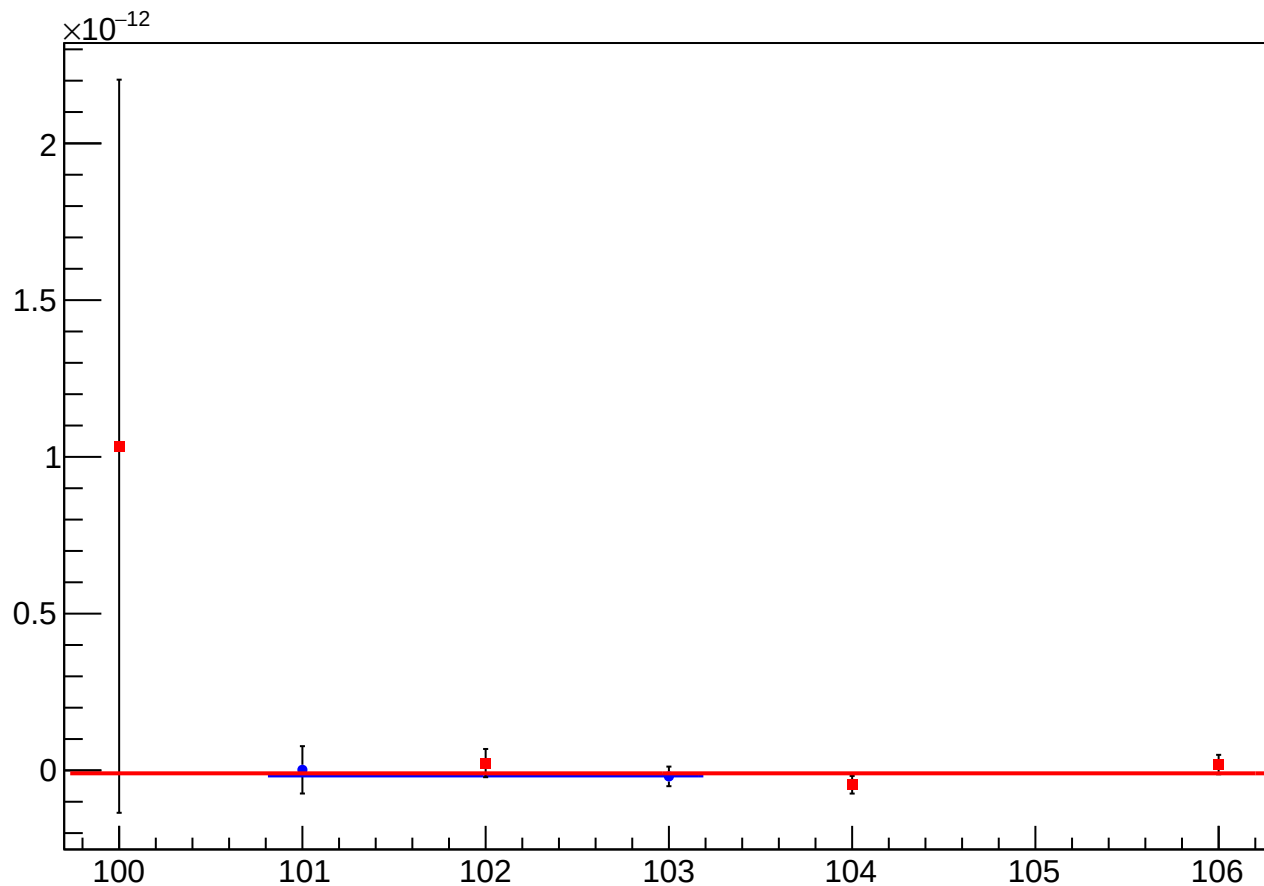
Right: 1391.202+/-0.658 χ^2/NDF : 538506.8/5

In: 1488.716+/-1.027 χ^2/NDF : 365001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1391.202+/-0.658 χ^2/NDF : 538506.8/5

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

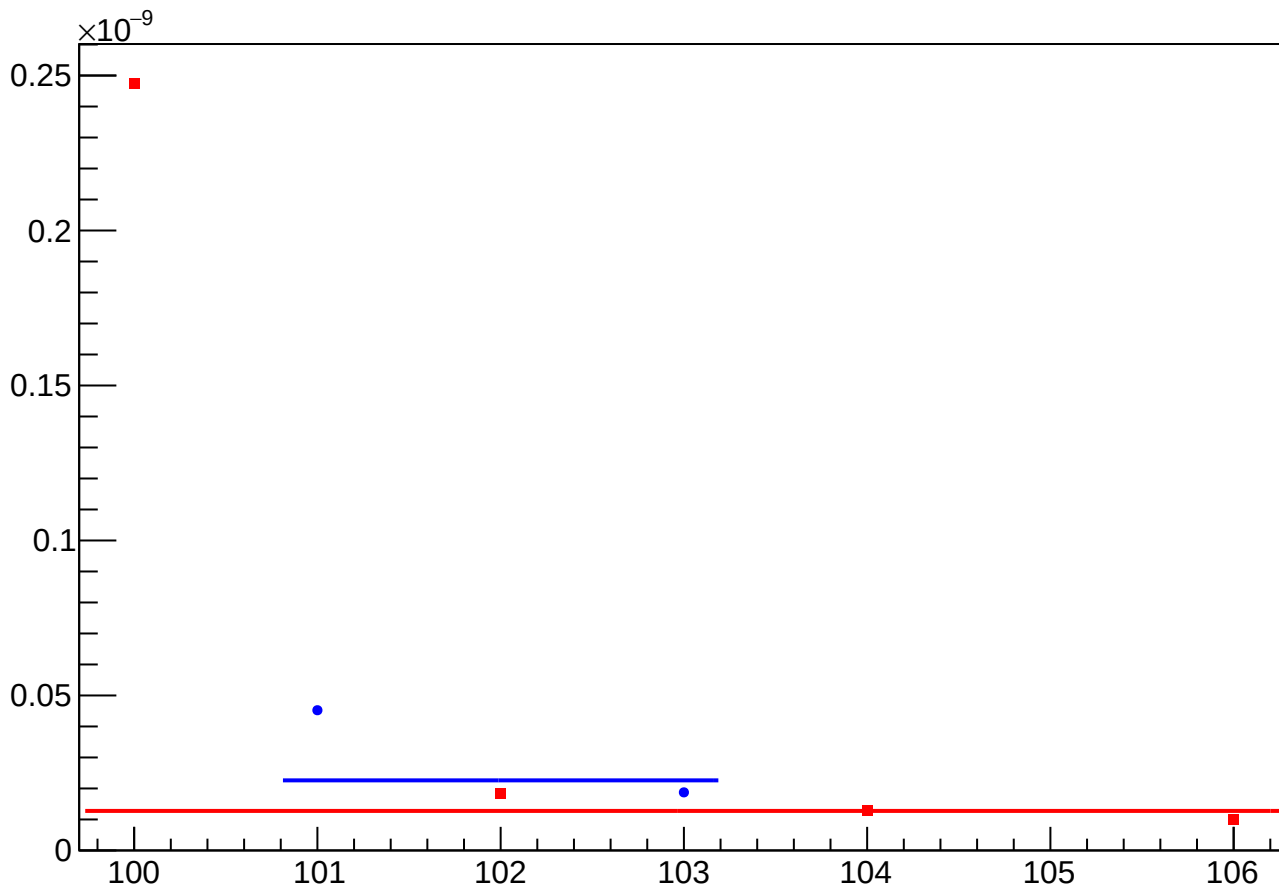
Right: -0.000+/-0.000 χ^2/NDF : 3.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.9/5

asym_us_dd_at2lr_dd_dd_reg_vs_slug_Sign_Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 210332.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 129663.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

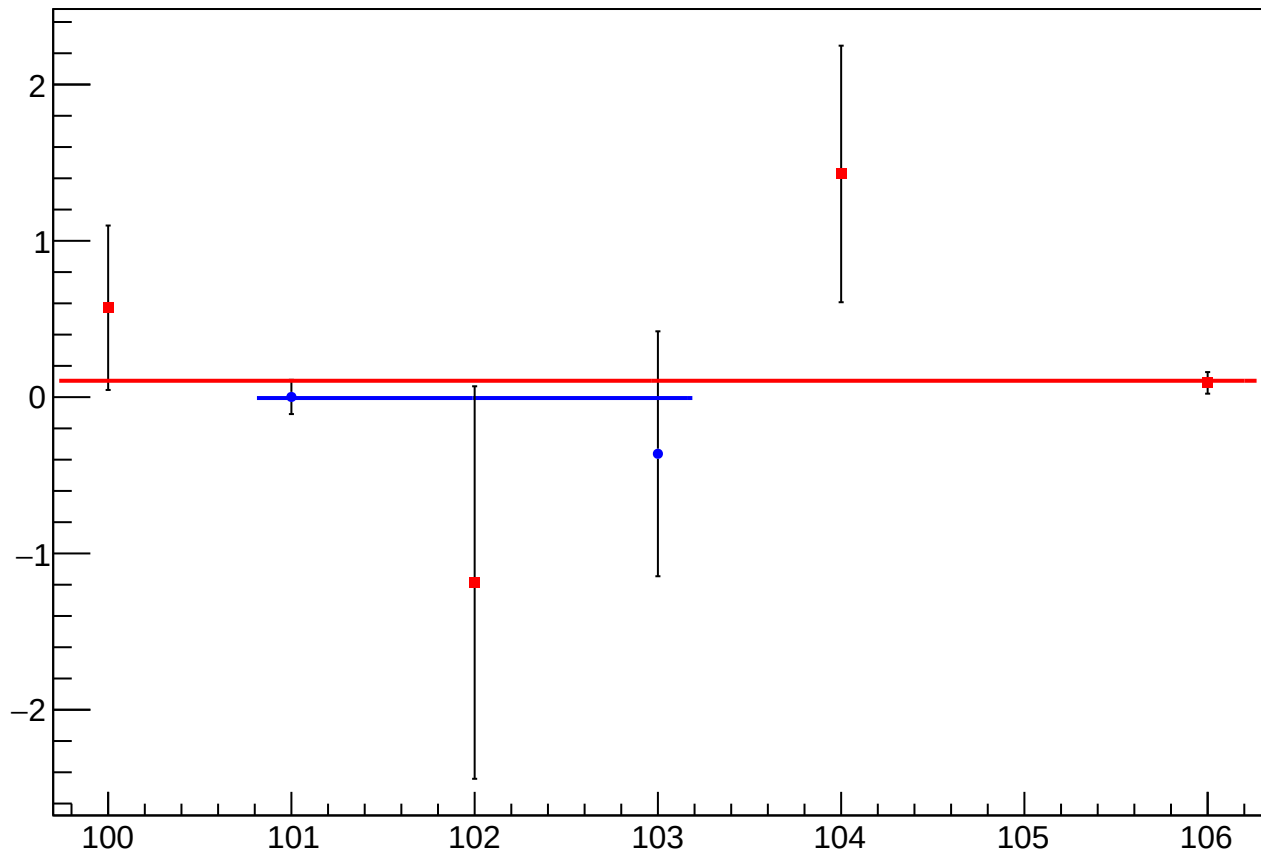
Right: 0.000+/-0.000 χ^2/NDF : 503296.8/5

In: 0.000+/-0.000 χ^2/NDF : 210332.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 503296.8/5

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.105 ± 0.068 $\chi^2/\text{NDF}: 4.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

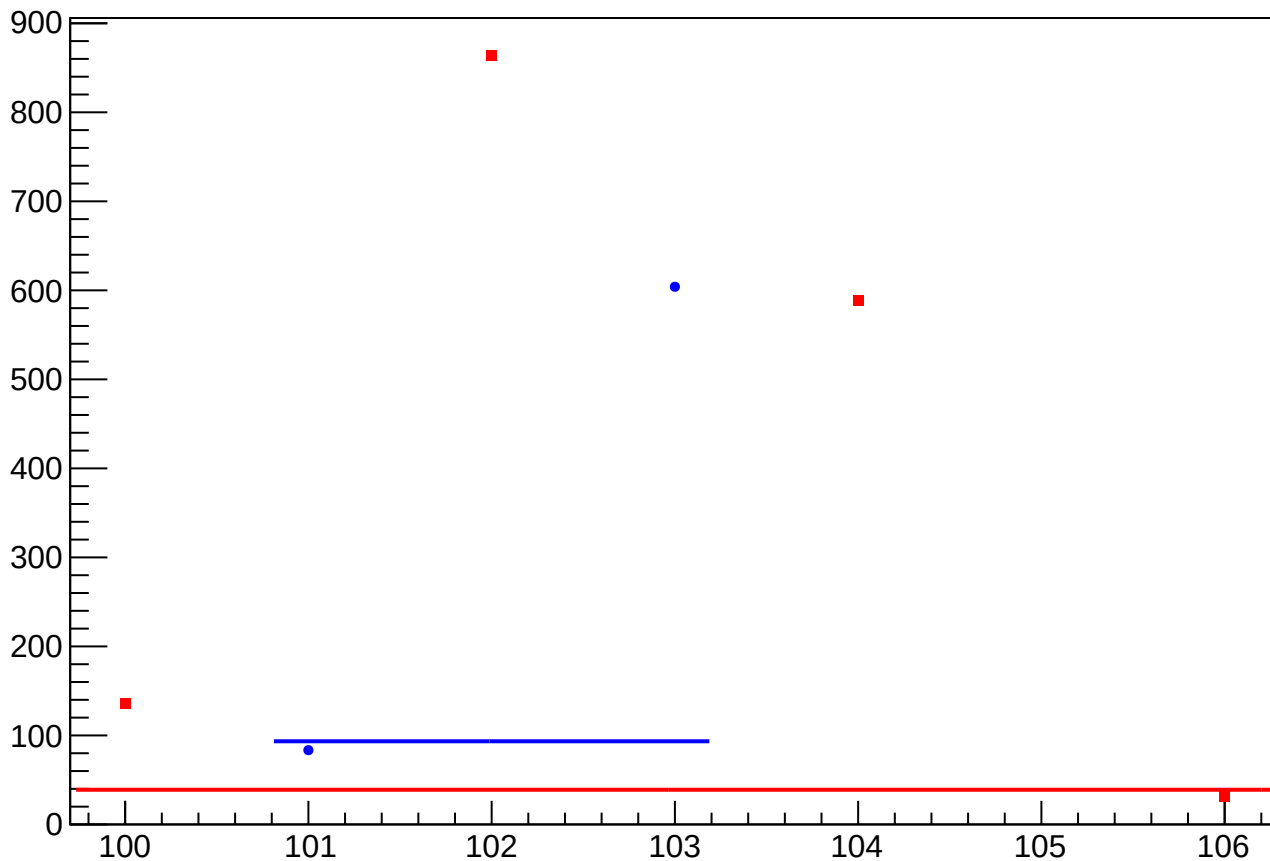
Right: 0.074 ± 0.058 $\chi^2/\text{NDF}: 5.4/5$

In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.074 ± 0.058 $\chi^2/\text{NDF}: 5.4/5$

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.442+/-0.077 χ^2/NDF : 865904.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.971+/-0.048 χ^2/NDF : 1854089.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

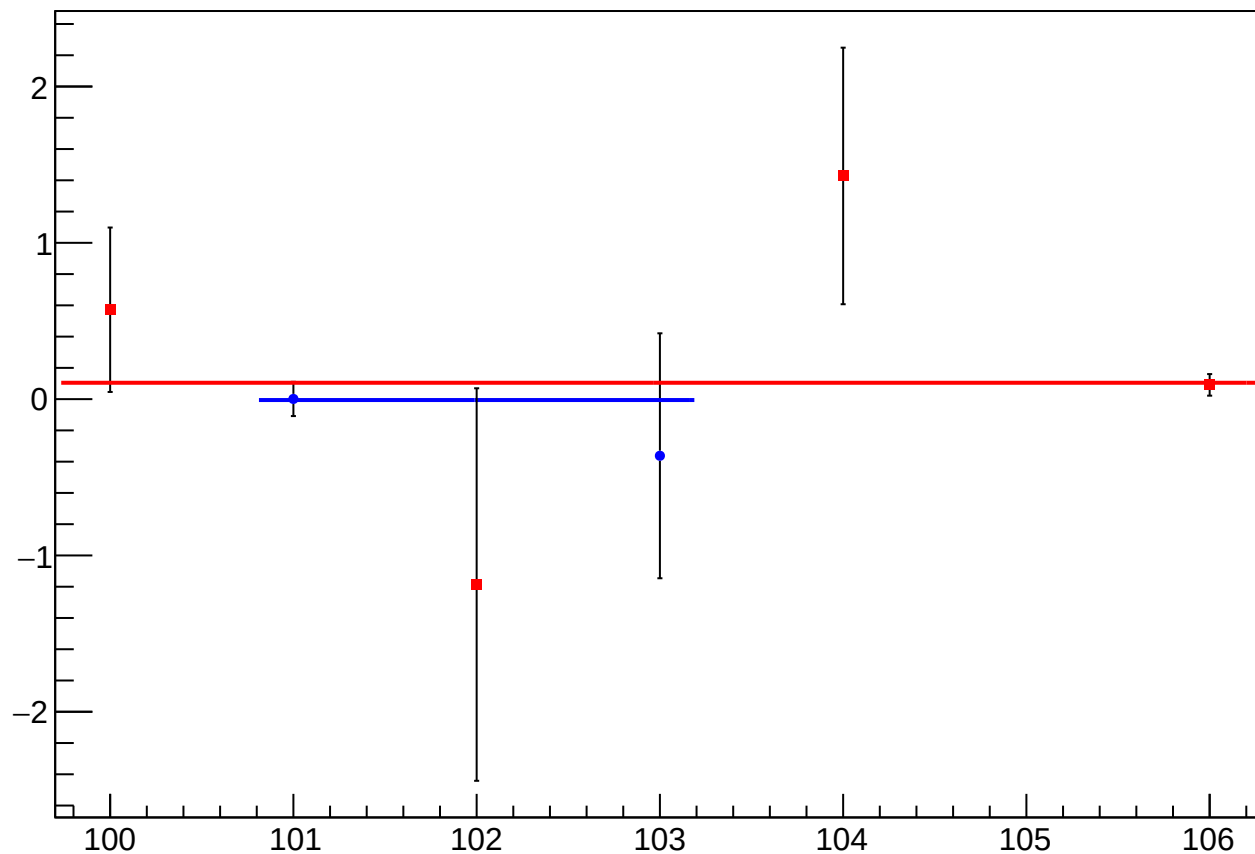
Right: 54.374+/-0.041 χ^2/NDF : 3081840.1/5

In: 93.442+/-0.077 χ^2/NDF : 865904.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.374+/-0.041 χ^2/NDF : 3081840.1/5

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.108 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.105 $\pm$ 0.068 χ^2 /NDF: 4.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

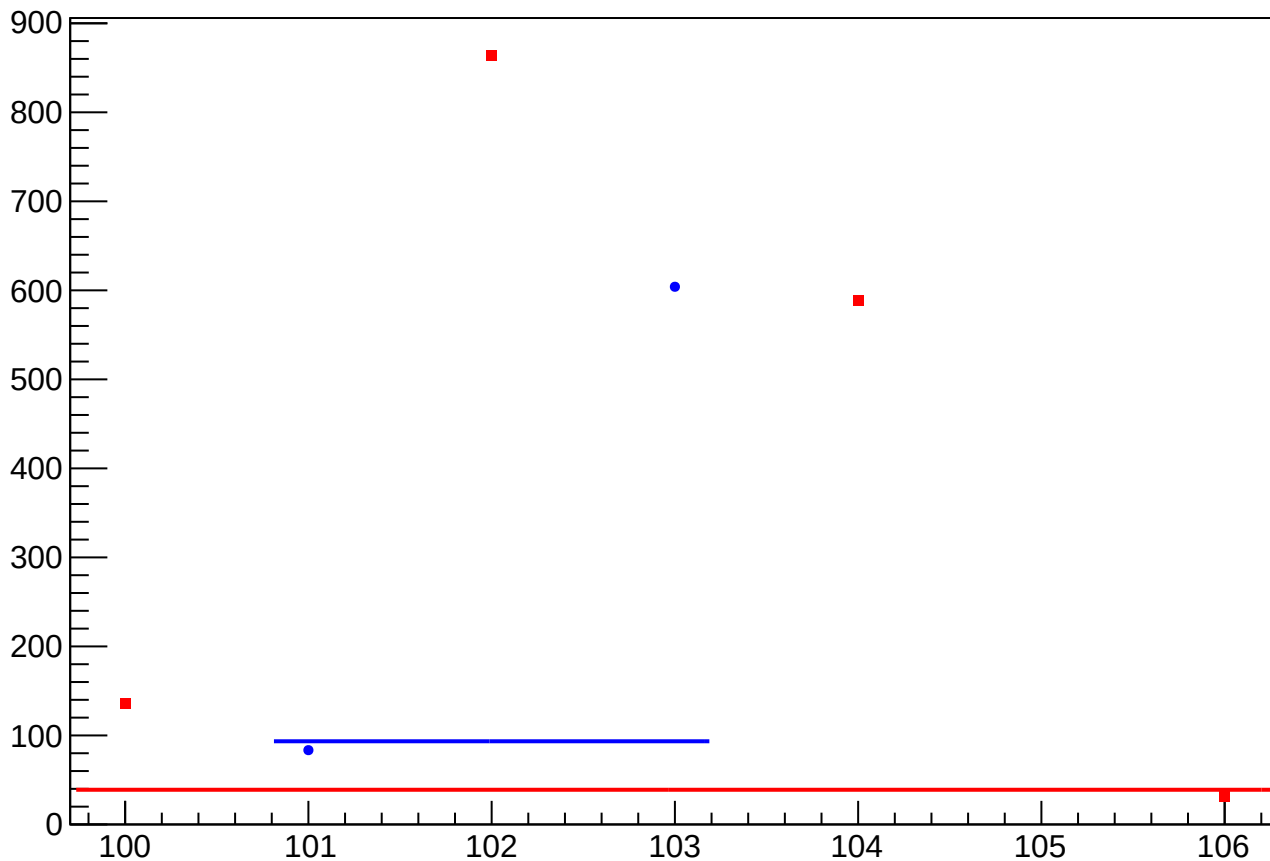
Right: 0.074 $\pm$ 0.058 χ^2 /NDF: 5.4/5

In: -0.006 $\pm$ 0.108 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.074 $\pm$ 0.058 χ^2 /NDF: 5.4/5

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.077 χ^2 /NDF: 865904.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.971 $\pm$ 0.048 χ^2 /NDF: 1854089.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

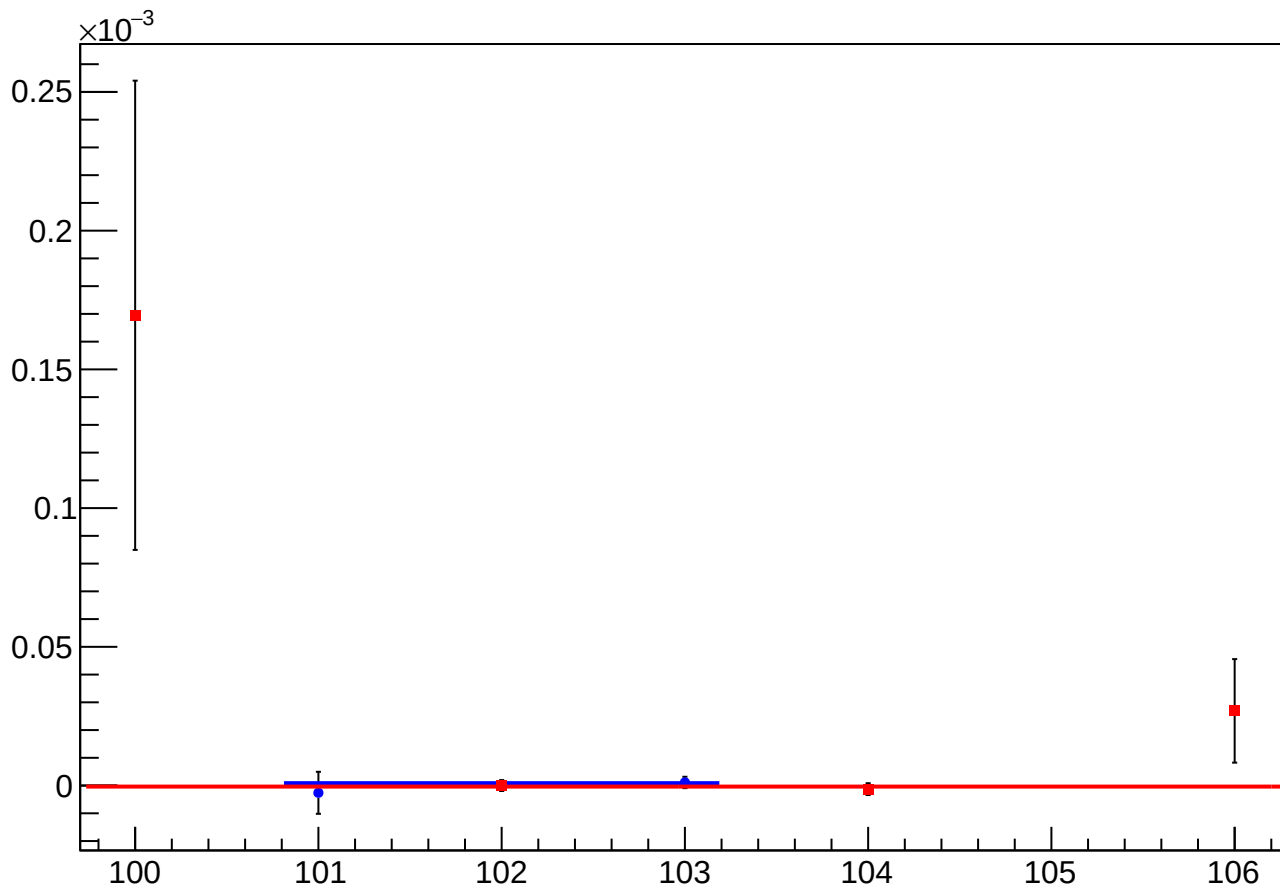
Right: 54.374 $\pm$ 0.041 χ^2 /NDF: 3081840.1/5

In: 93.442 $\pm$ 0.077 χ^2 /NDF:865904.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.374 $\pm$ 0.041 χ^2 /NDF: 3081840.1/5

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

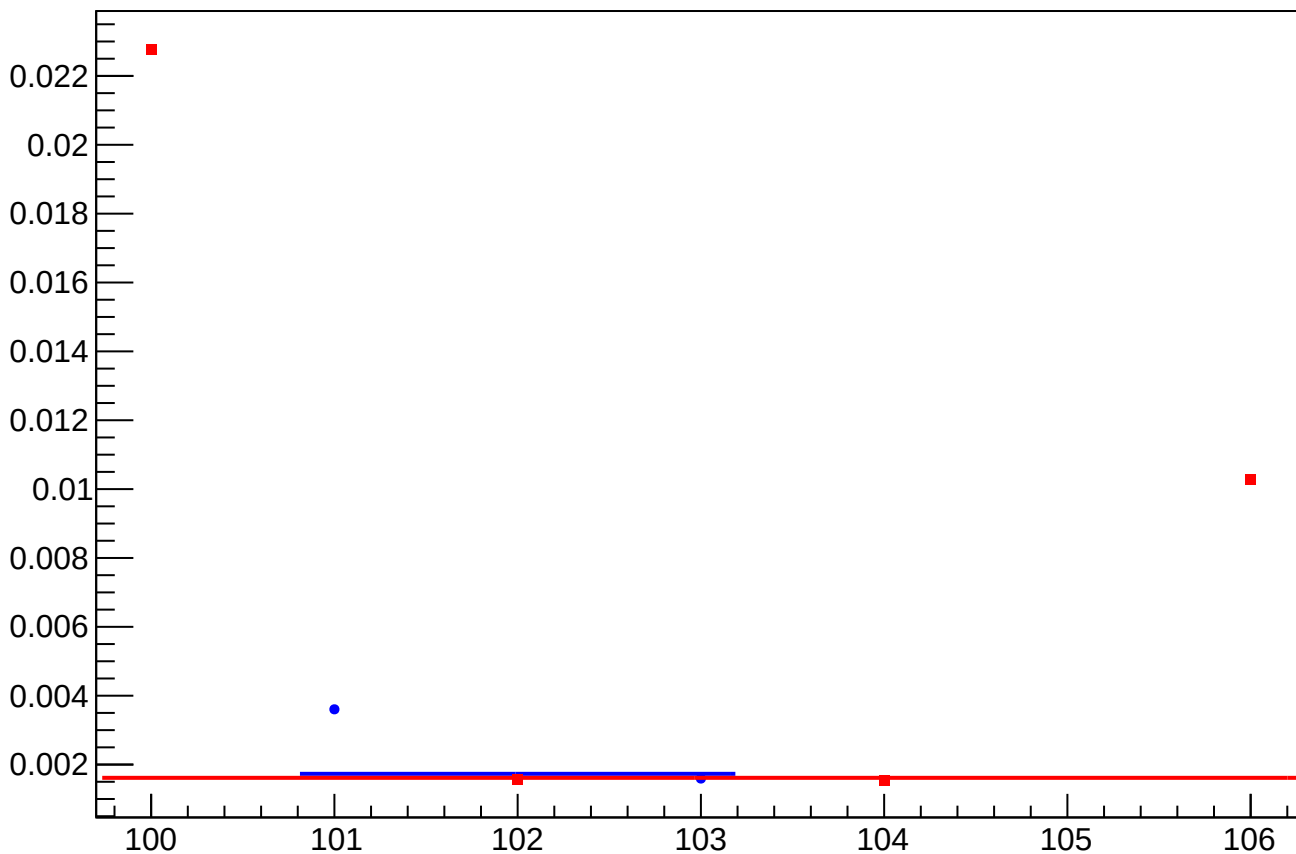
Right: 0.000+/-0.000 χ^2/NDF : 6.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.9/5

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 131488.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 560422.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

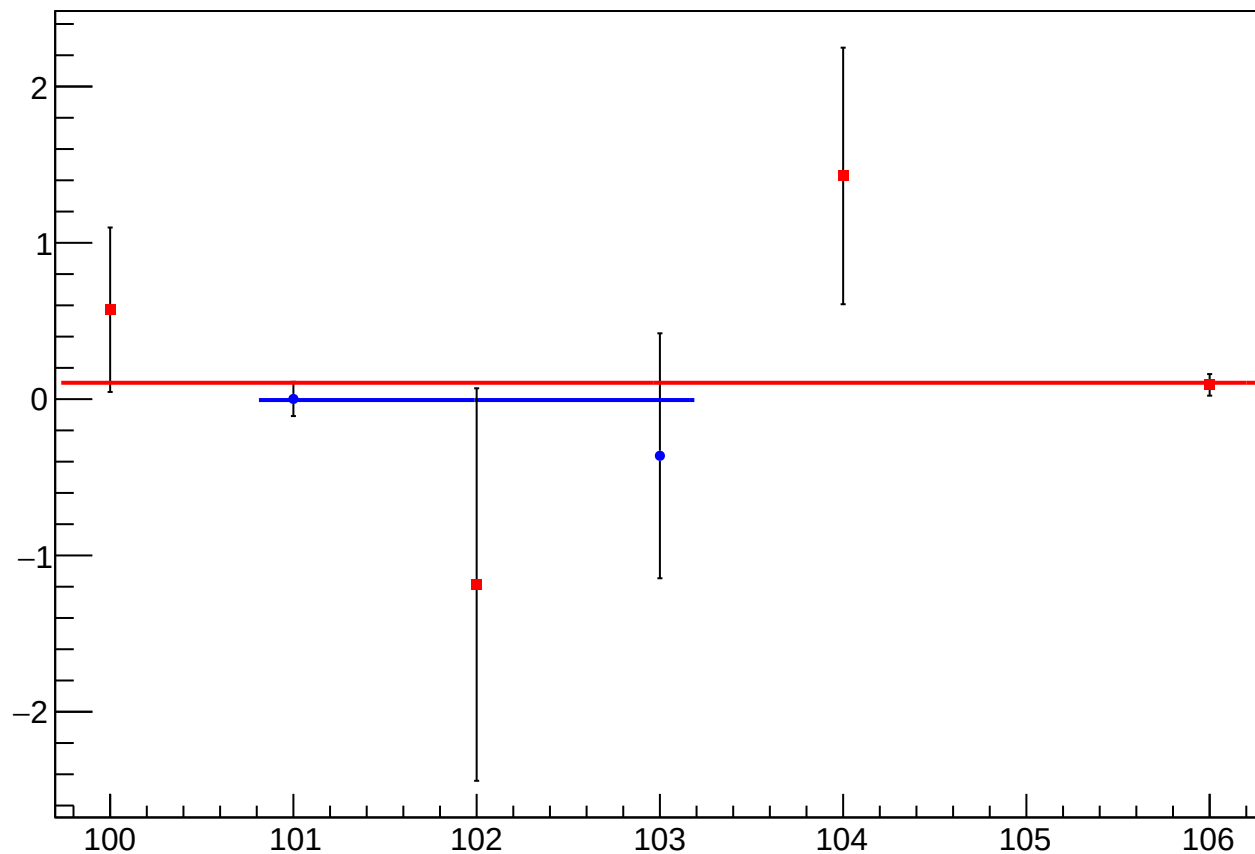
Right: 0.002+/-0.000 χ^2/NDF : 696448.9/5

In: 0.002+/-0.000 χ^2/NDF : 131488.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 696448.9/5

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.105 ± 0.068 $\chi^2/\text{NDF}: 4.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

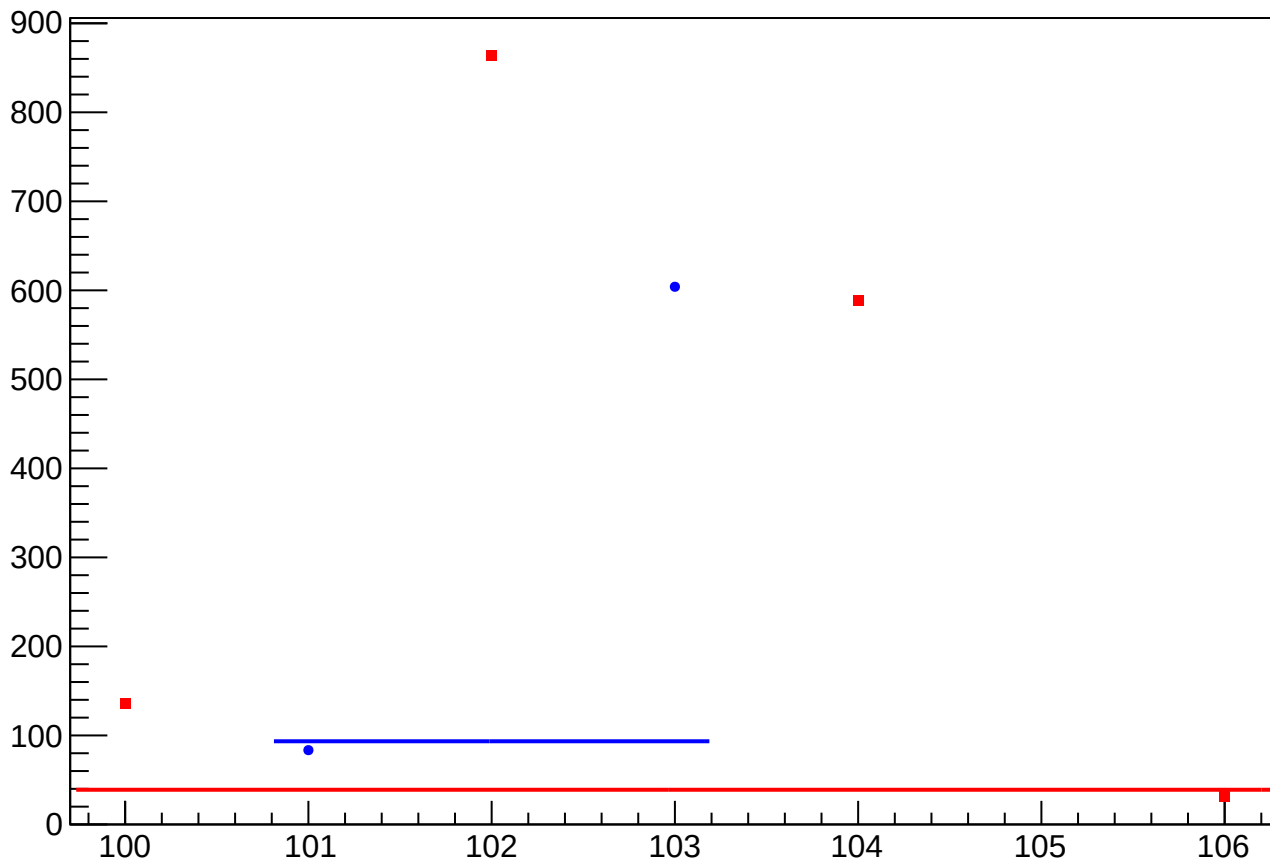
Right: 0.074 ± 0.058 $\chi^2/\text{NDF}: 5.4/5$

In: -0.006 ± 0.108 $\chi^2/\text{NDF}: 0.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.074 ± 0.058 $\chi^2/\text{NDF}: 5.4/5$

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.448 $\pm$ 0.077 χ^2 /NDF: 865885.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.977 $\pm$ 0.048 χ^2 /NDF: 1854057.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

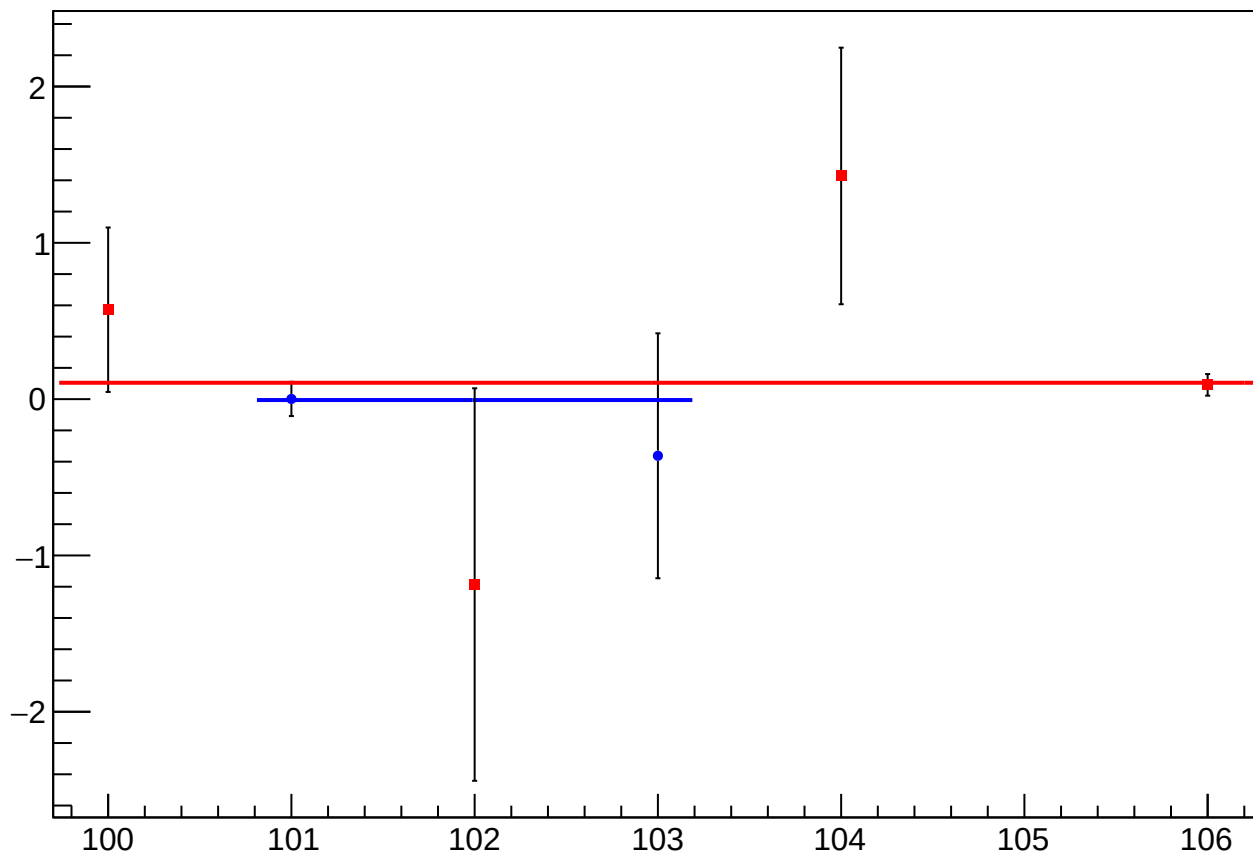
Right: 54.382 $\pm$ 0.041 χ^2 /NDF: 3081739.5/5

In: 93.448 $\pm$ 0.077 χ^2 /NDF:865885.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.382 $\pm$ 0.041 χ^2 /NDF: 3081739.5/5

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.108 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.105 $\pm$ 0.068 χ^2 /NDF: 4.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

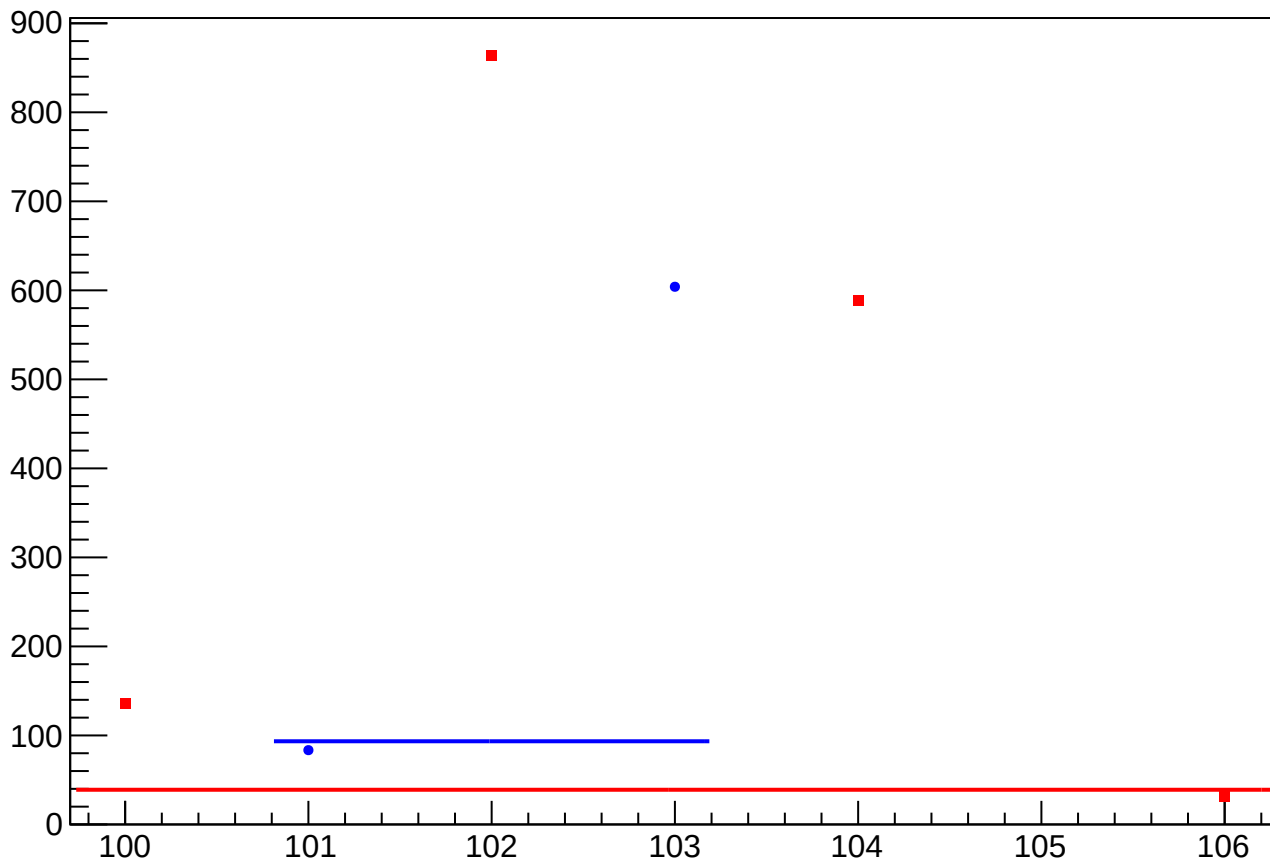
Right: 0.074 $\pm$ 0.058 χ^2 /NDF: 5.4/5

In: -0.006 $\pm$ 0.108 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.074 $\pm$ 0.058 χ^2 /NDF: 5.4/5

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.448+/-0.077 χ^2/NDF : 865885.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.977+/-0.048 χ^2/NDF : 1854057.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

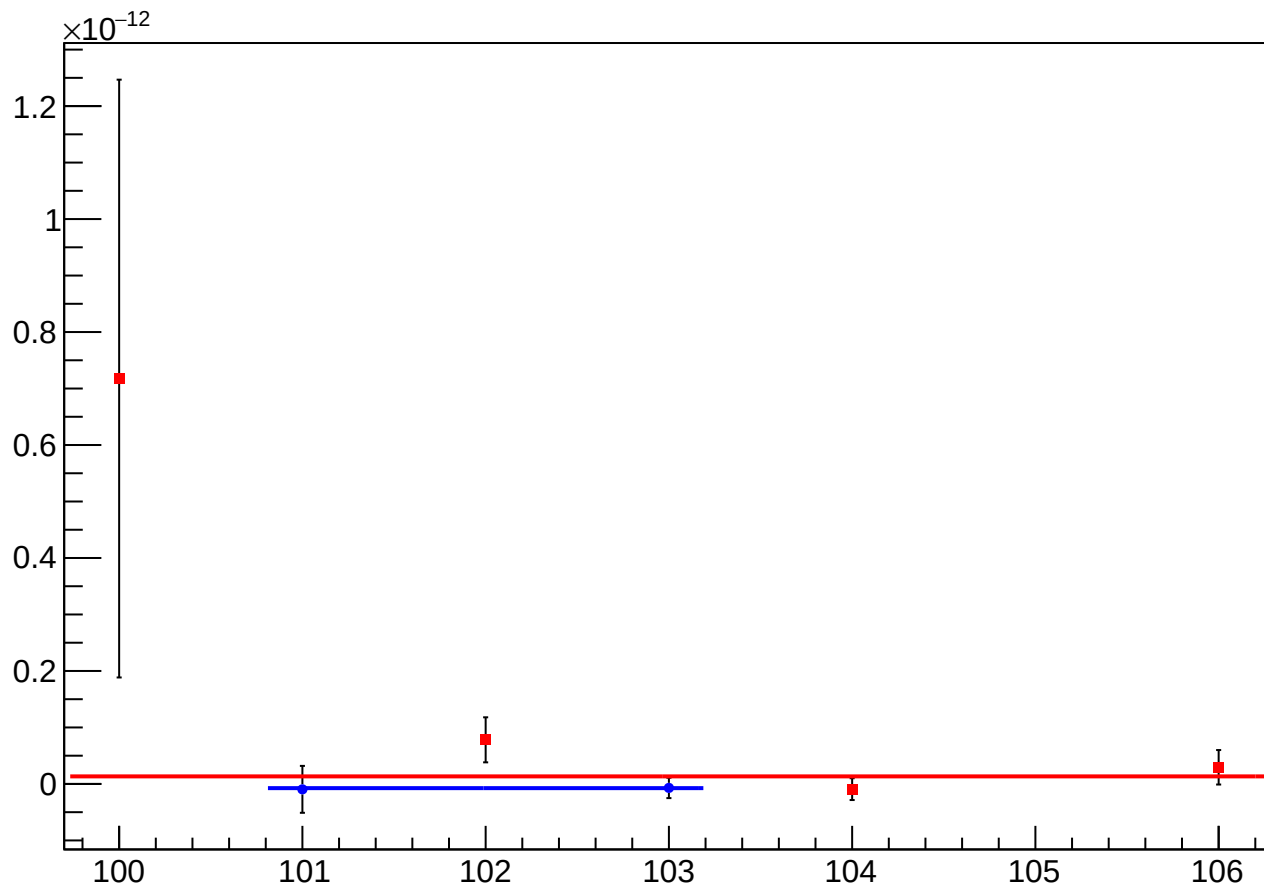
Right: 54.382+/-0.041 χ^2/NDF : 3081739.5/5

In: 93.448+/-0.077 χ^2/NDF : 865885.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.382+/-0.041 χ^2/NDF : 3081739.5/5

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

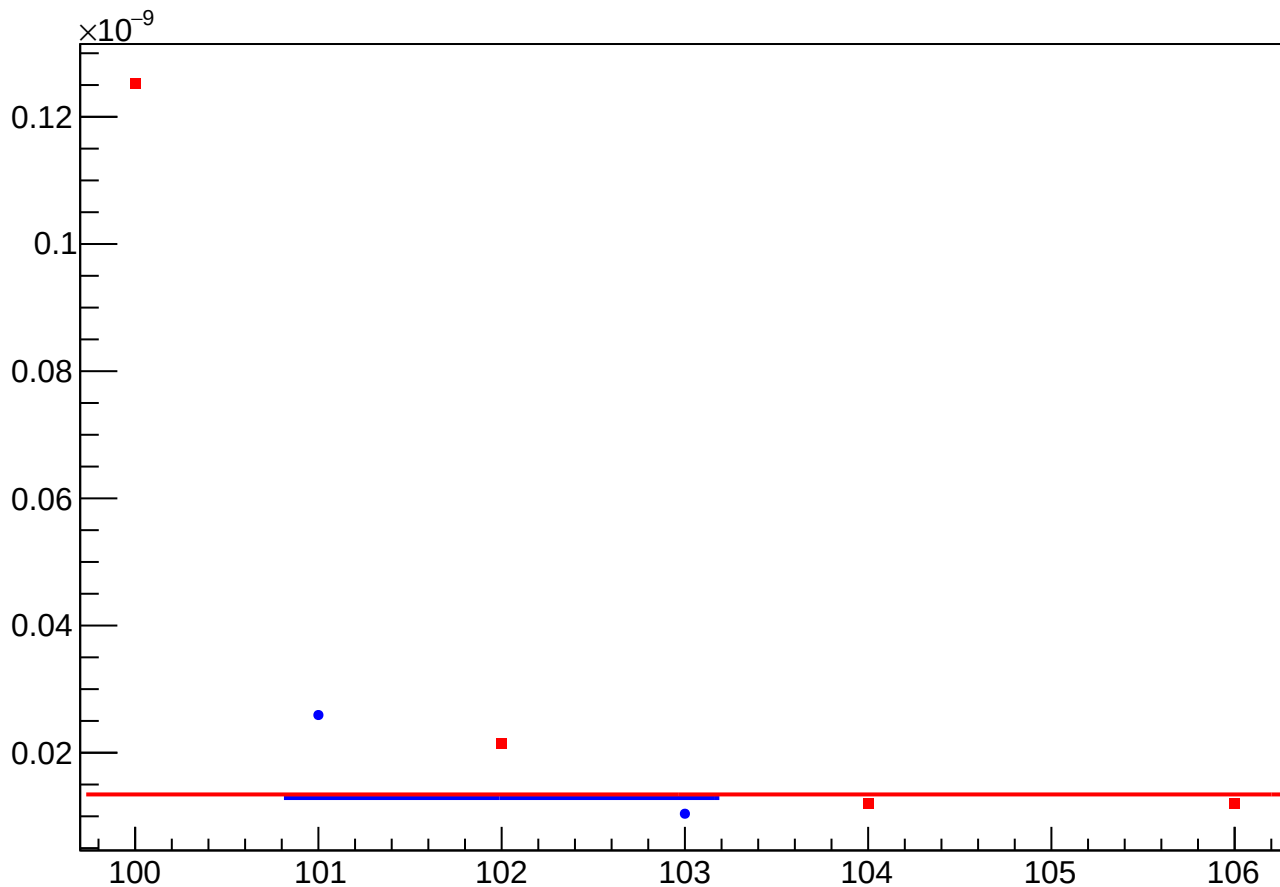
Right: 0.000+/-0.000 χ^2/NDF : 6.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.9/5

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 235016.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 186227.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

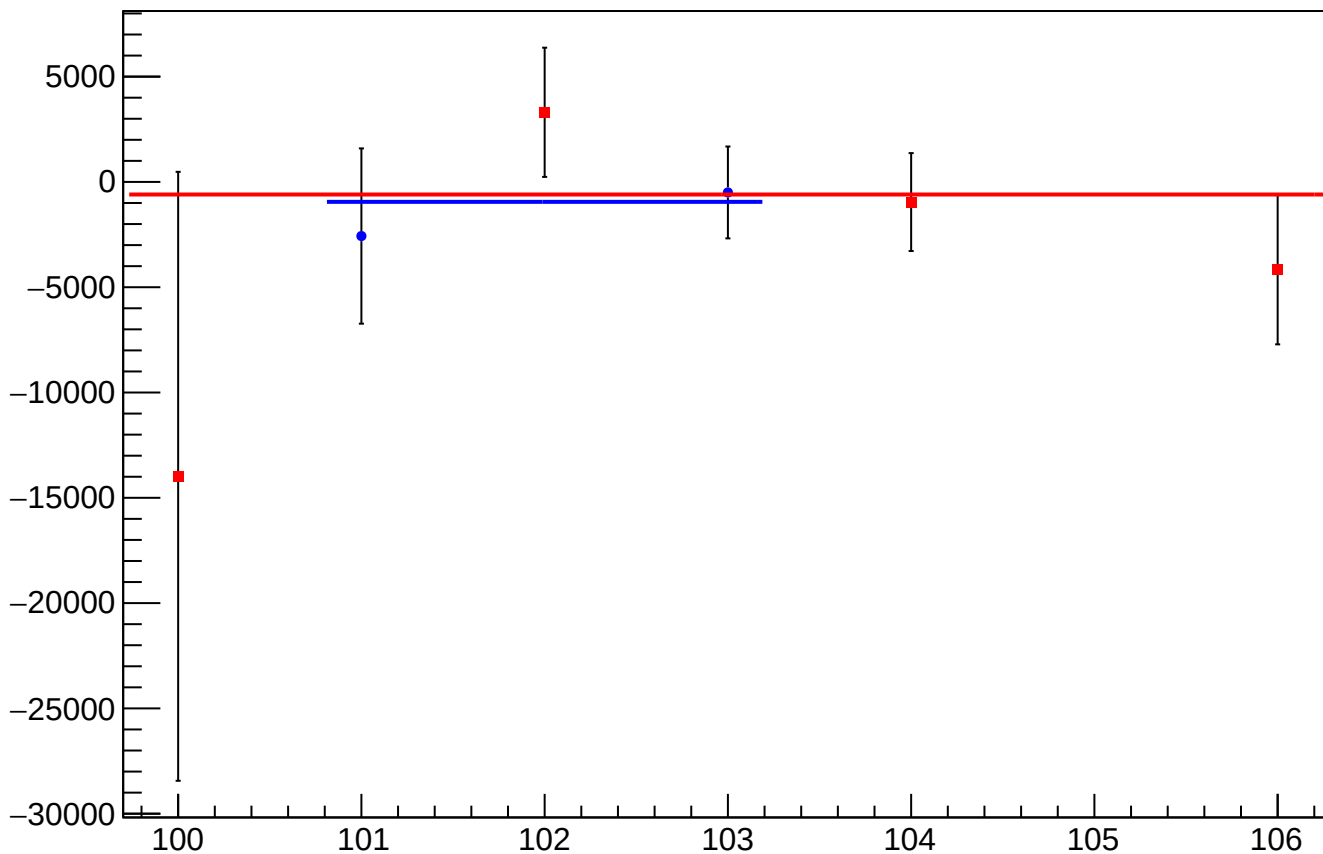
Right: 0.000+/-0.000 χ^2/NDF : 422522.7/5

In: 0.000+/-0.000 χ^2/NDF : 235016.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 422522.7/5

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -945.605+/-1931.593 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -597.363+/-1631.655 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

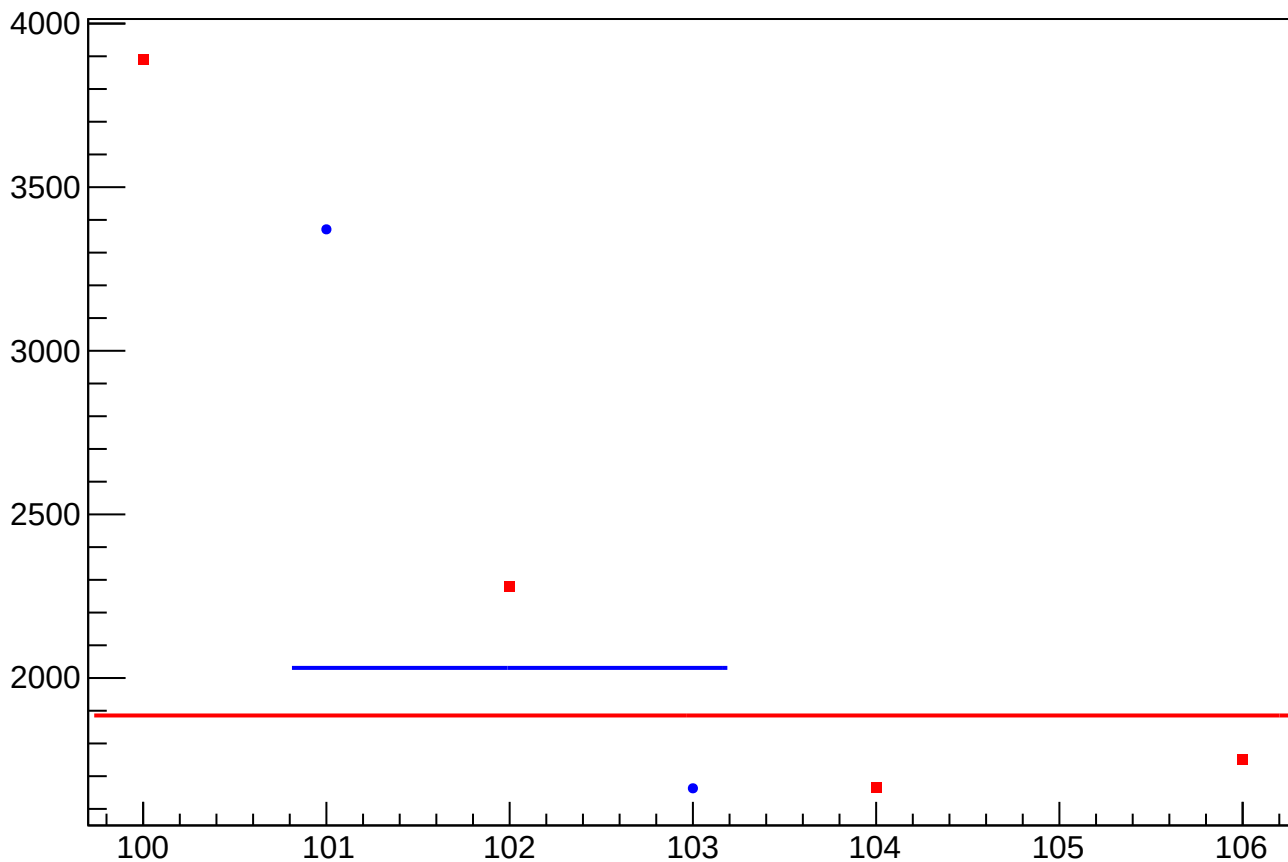
Right: -742.377+/-1246.464 χ^2/NDF : 3.7/5

In: -945.605+/-1931.593 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -742.377+/-1246.464 χ^2/NDF : 3.7/5

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264341.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.500+/-1.154 χ^2/NDF : 92367.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

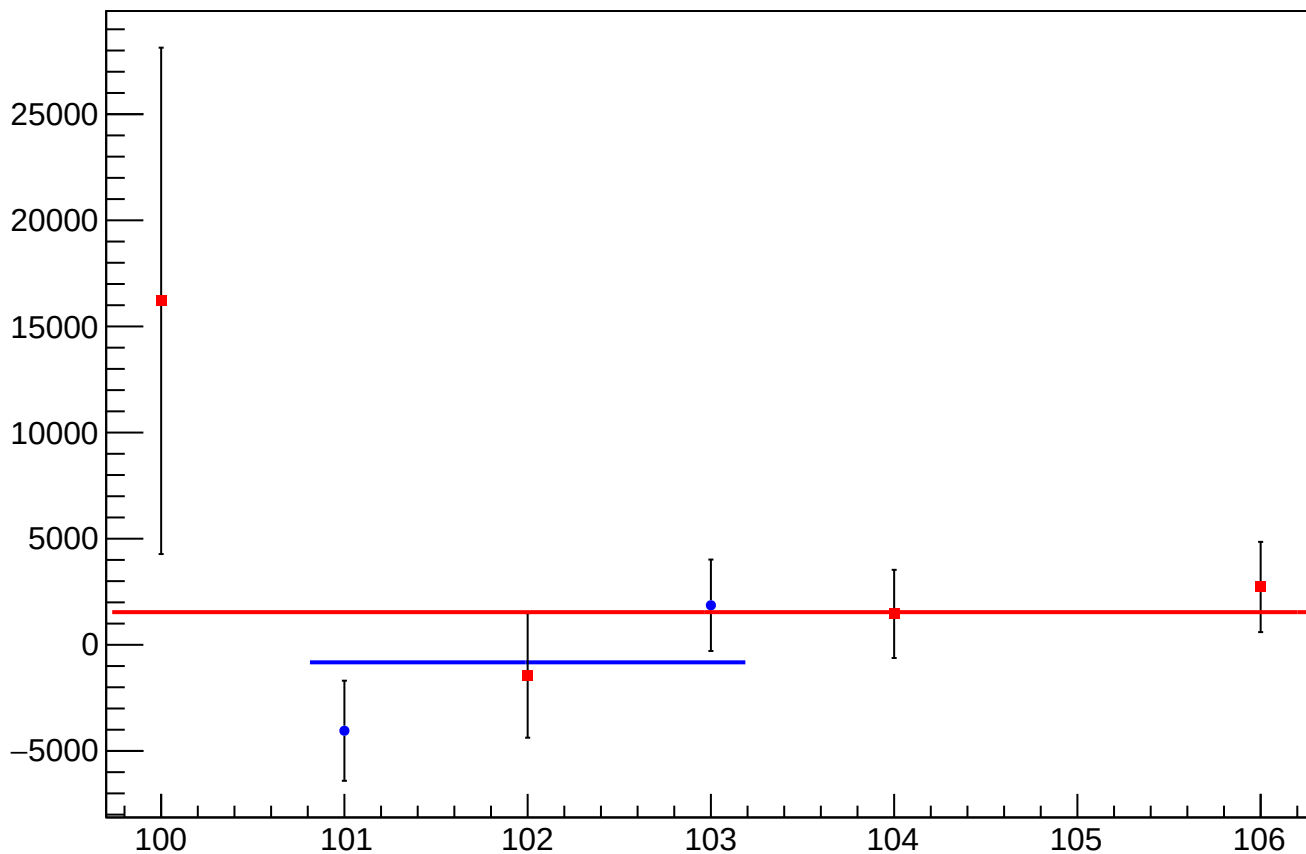
Right: 1946.055+/-0.881 χ^2/NDF : 363324.8/5

In: 2030.922+/-1.366 χ^2/NDF : 264341.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1946.055+/-0.881 χ^2/NDF : 363324.8/5

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -825.323+/-1590.326 χ^2/NDF : 3.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.225+/-1317.243 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

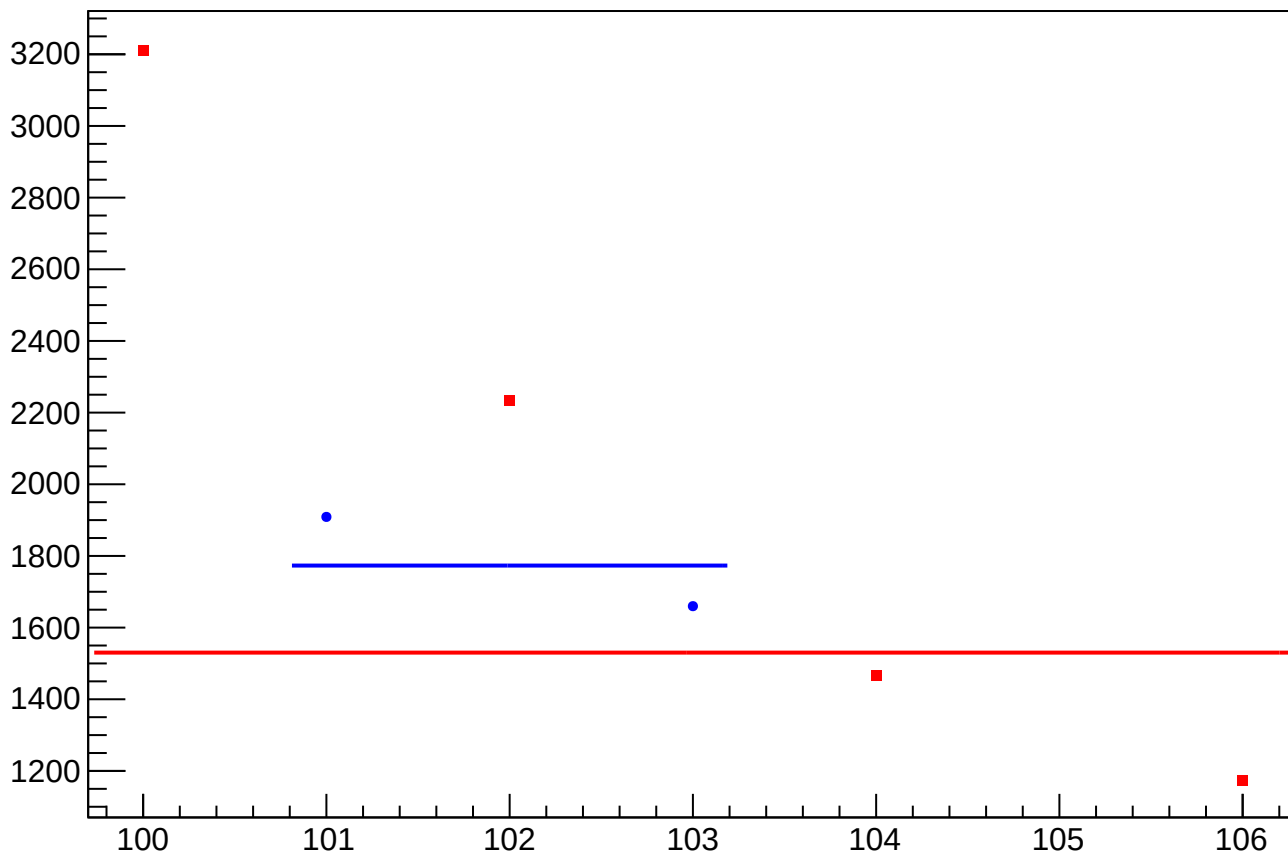
Right: 577.091+/-1014.448 χ^2/NDF : 7.6/5

In: -825.323+/-1590.326 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.091+/-1014.448 χ^2/NDF : 7.6/5

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1773.133+/-1.125 χ^2/NDF : 12166.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.208+/-0.931 χ^2/NDF : 212217.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

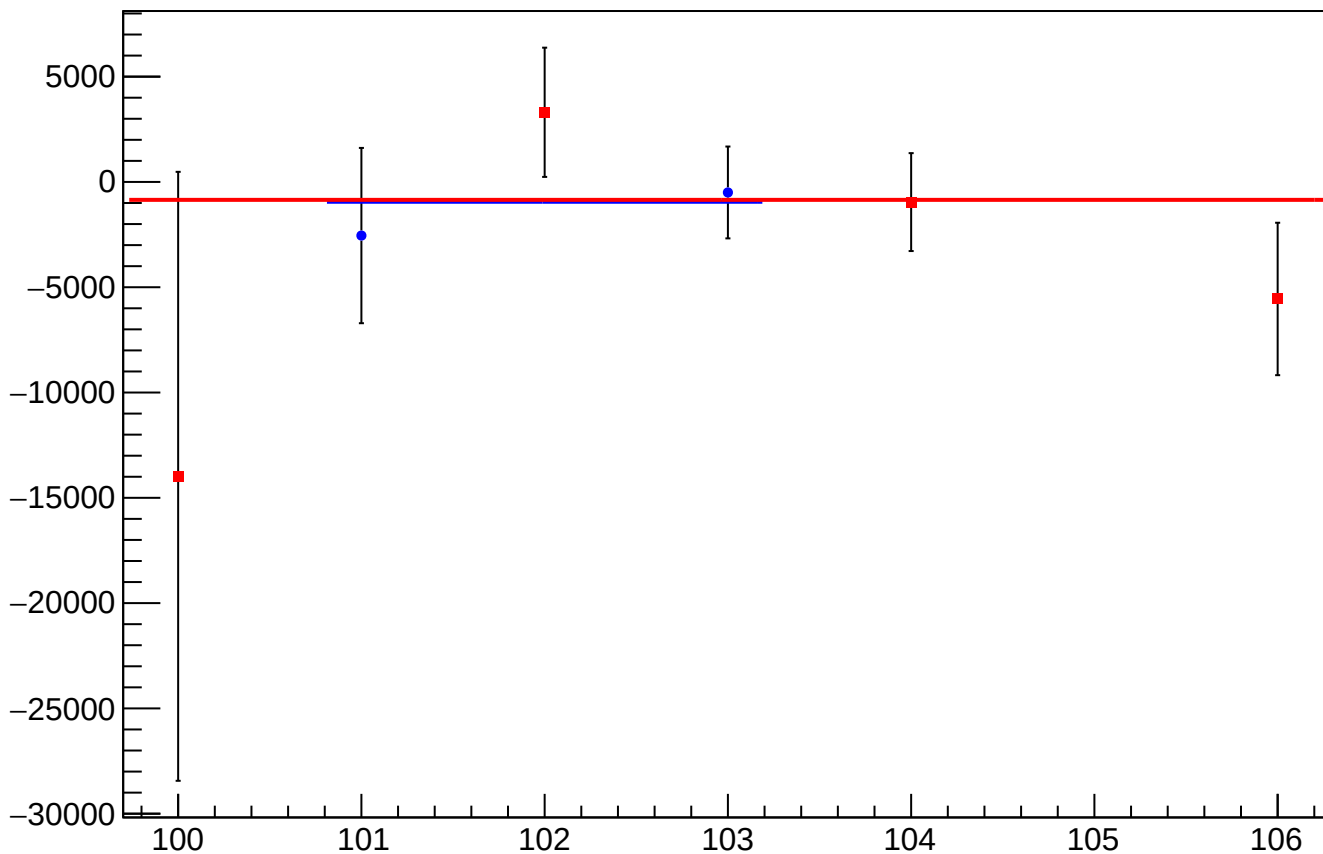
Right: 1629.054+/-0.717 χ^2/NDF : 252061.6/5

In: 1773.133+/-1.125 χ^2/NDF : 12166.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1629.054+/-0.717 χ^2/NDF : 252061.6/5

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -850.849+/-1638.759 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

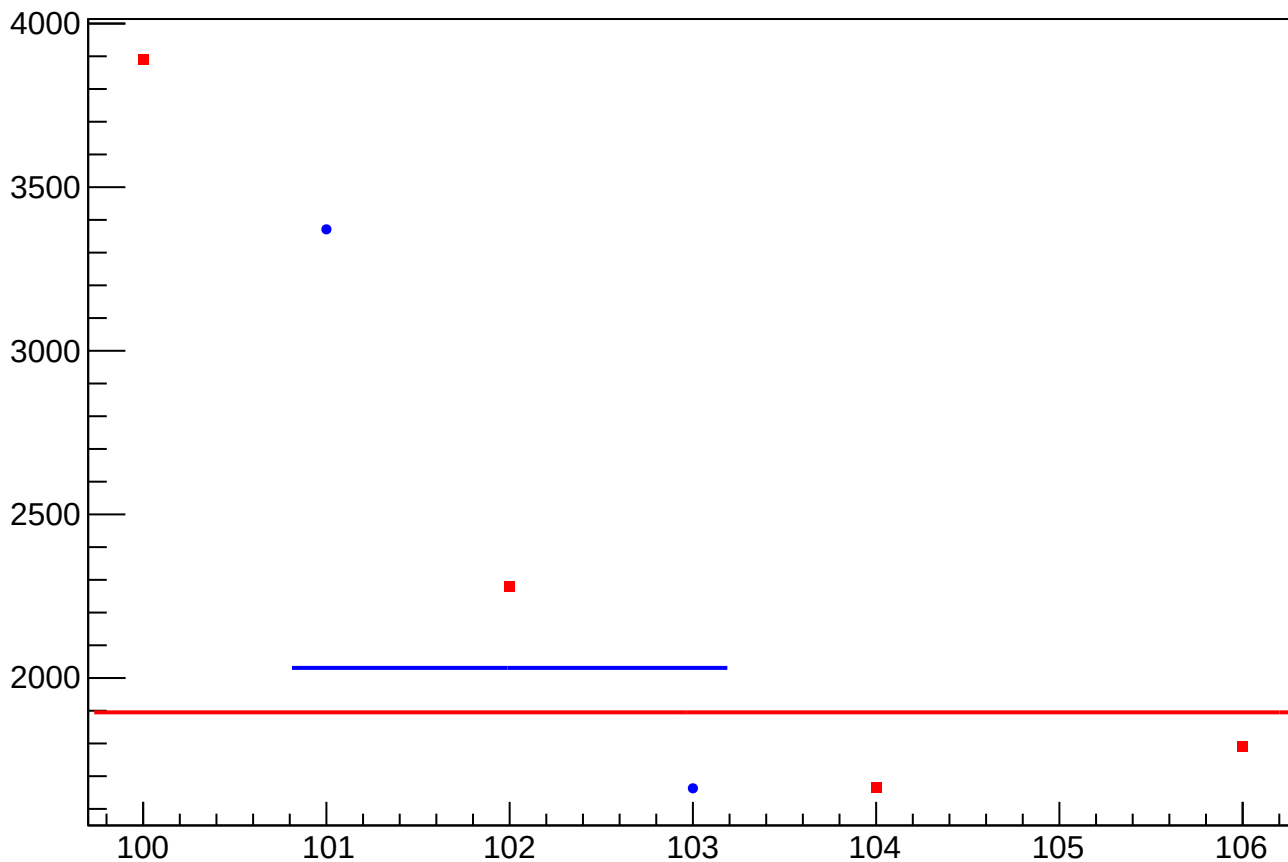
Right: -888.385+/-1249.624 χ^2/NDF : 4.5/5

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -888.385+/-1249.624 χ^2/NDF : 4.5/5

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.058+/-1.159 χ^2/NDF : 90752.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

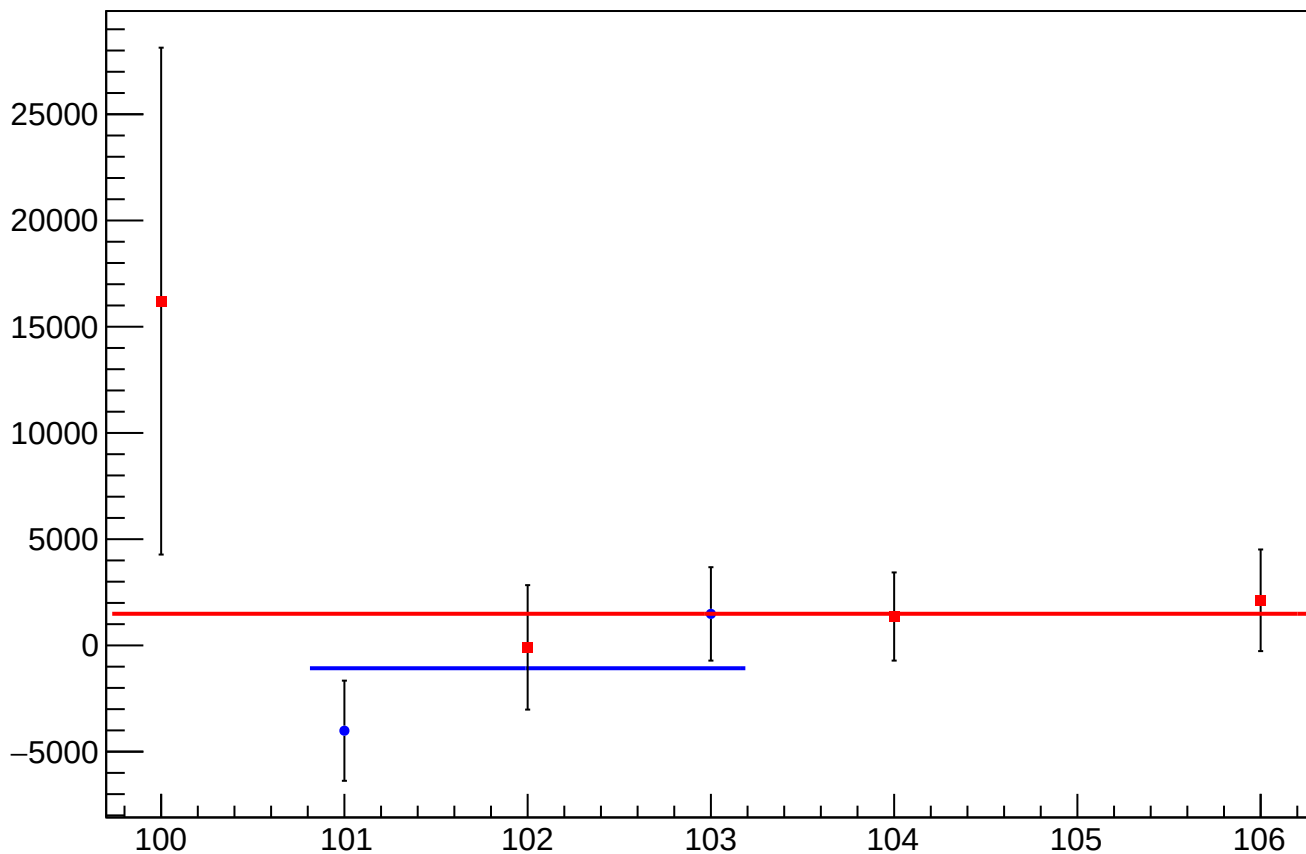
Right: 1951.920+/-0.884 χ^2/NDF : 360849.7/5

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.920+/-0.884 χ^2/NDF : 360849.7/5

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1074.467+/-1607.672 χ^2 /NDF: 2.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1489.211+/-1372.772 χ^2 /NDF: 1.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

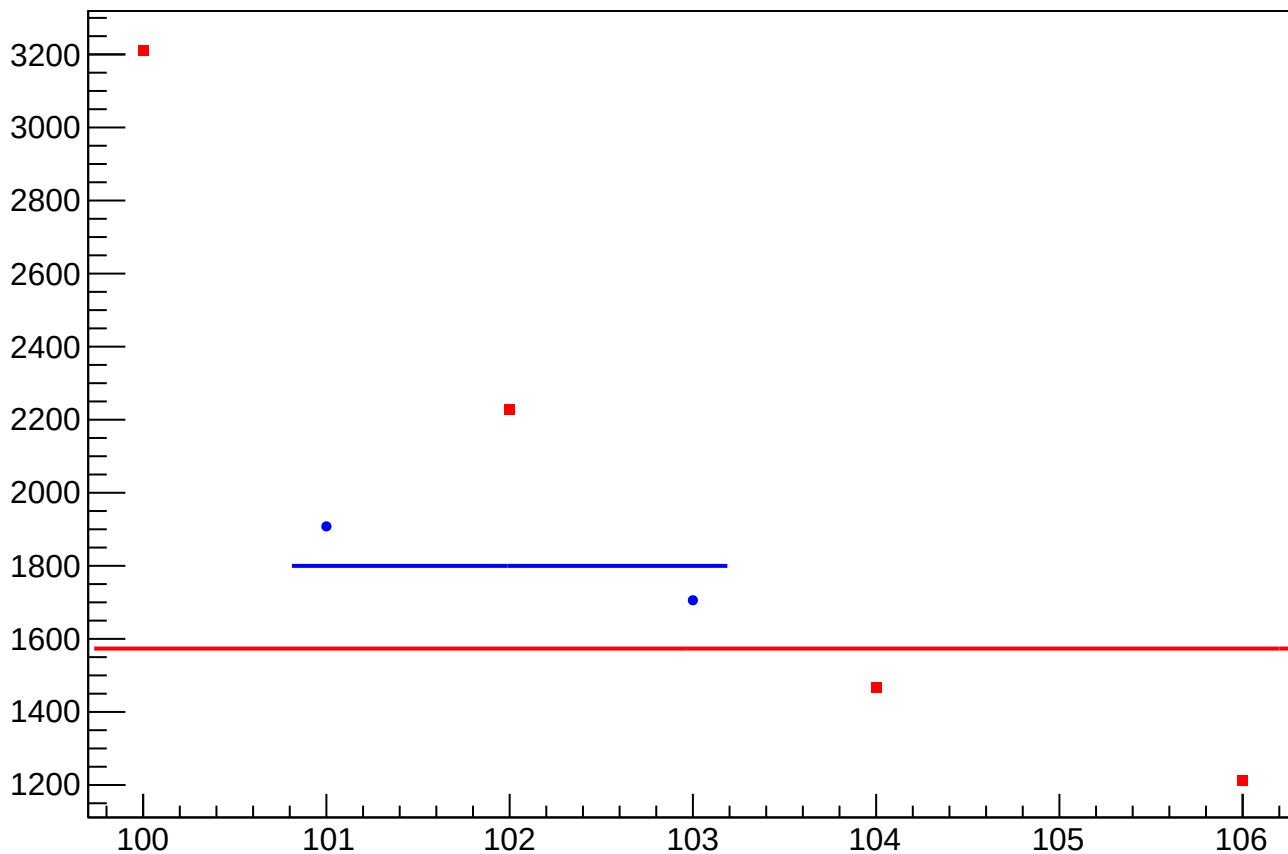
Right: 408.177+/-1043.963 χ^2 /NDF: 6.3/5

In: -1074.467+/-1607.672 χ^2 /NDF:2.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 408.177+/-1043.963 χ^2 /NDF: 6.3/5

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.405+/-0.971 χ^2/NDF : 188209.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

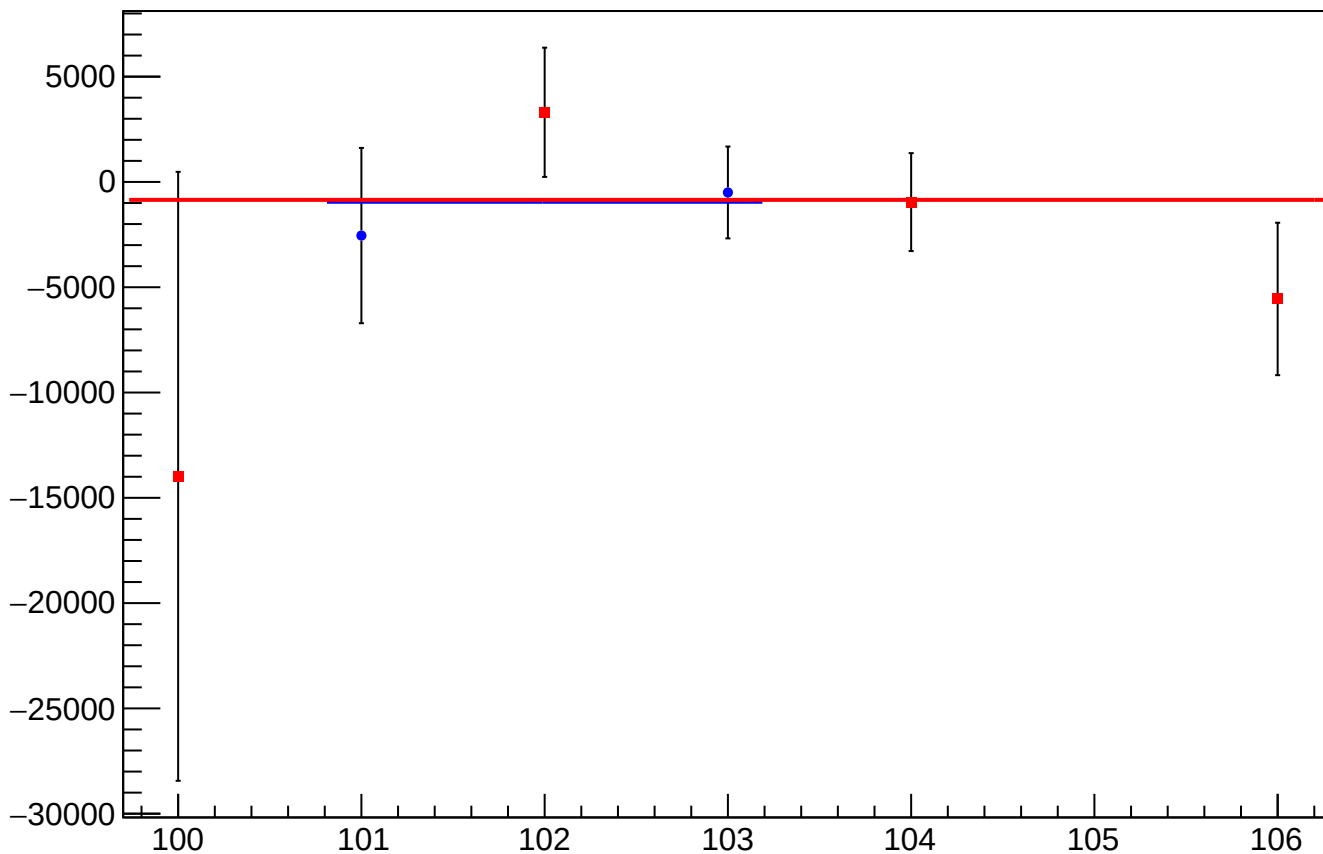
Right: 1668.887+/-0.738 χ^2/NDF : 219032.4/5

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.887+/-0.738 χ^2/NDF : 219032.4/5

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -850.849+/-1638.759 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

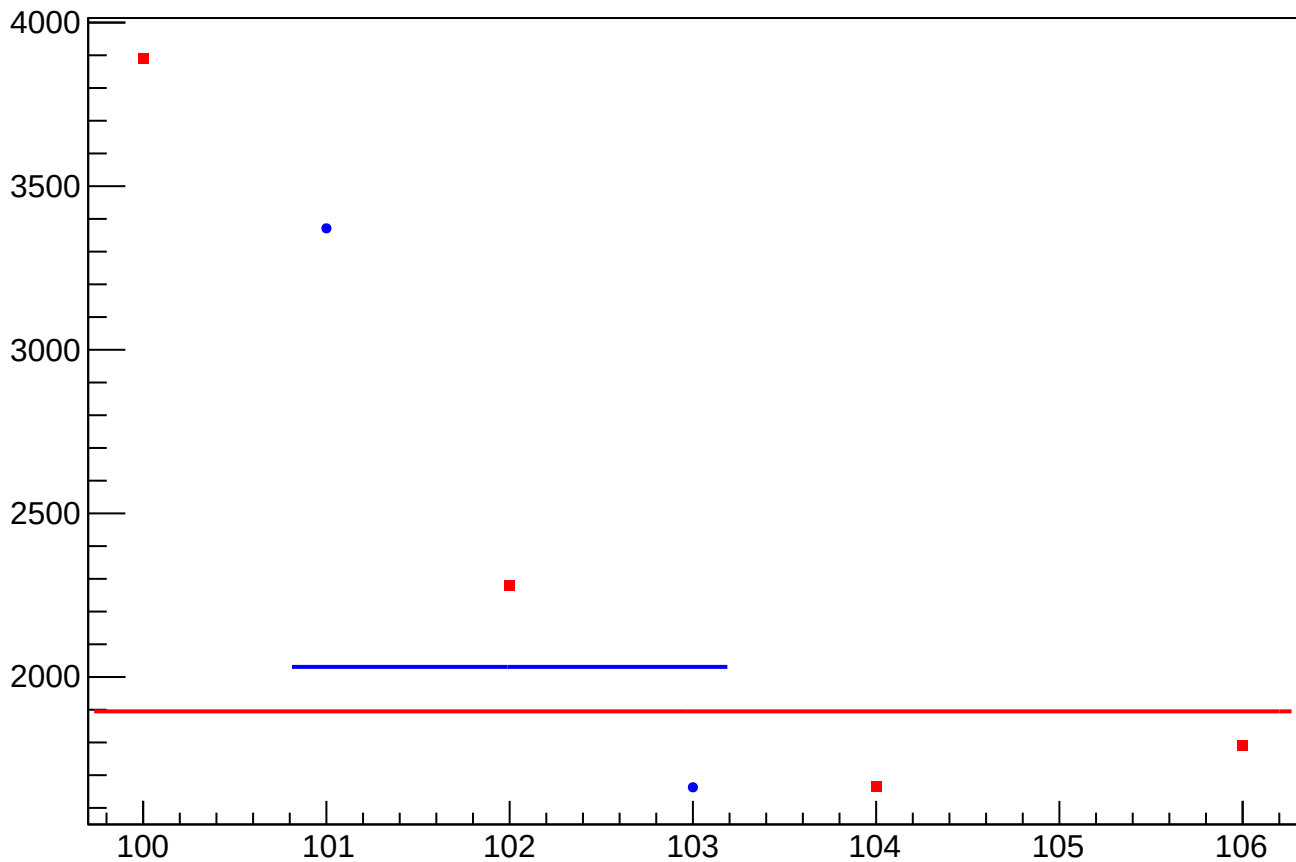
Right: -888.385+/-1249.624 χ^2/NDF : 4.5/5

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -888.385+/-1249.624 χ^2/NDF : 4.5/5

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.058+/-1.159 χ^2/NDF : 90752.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

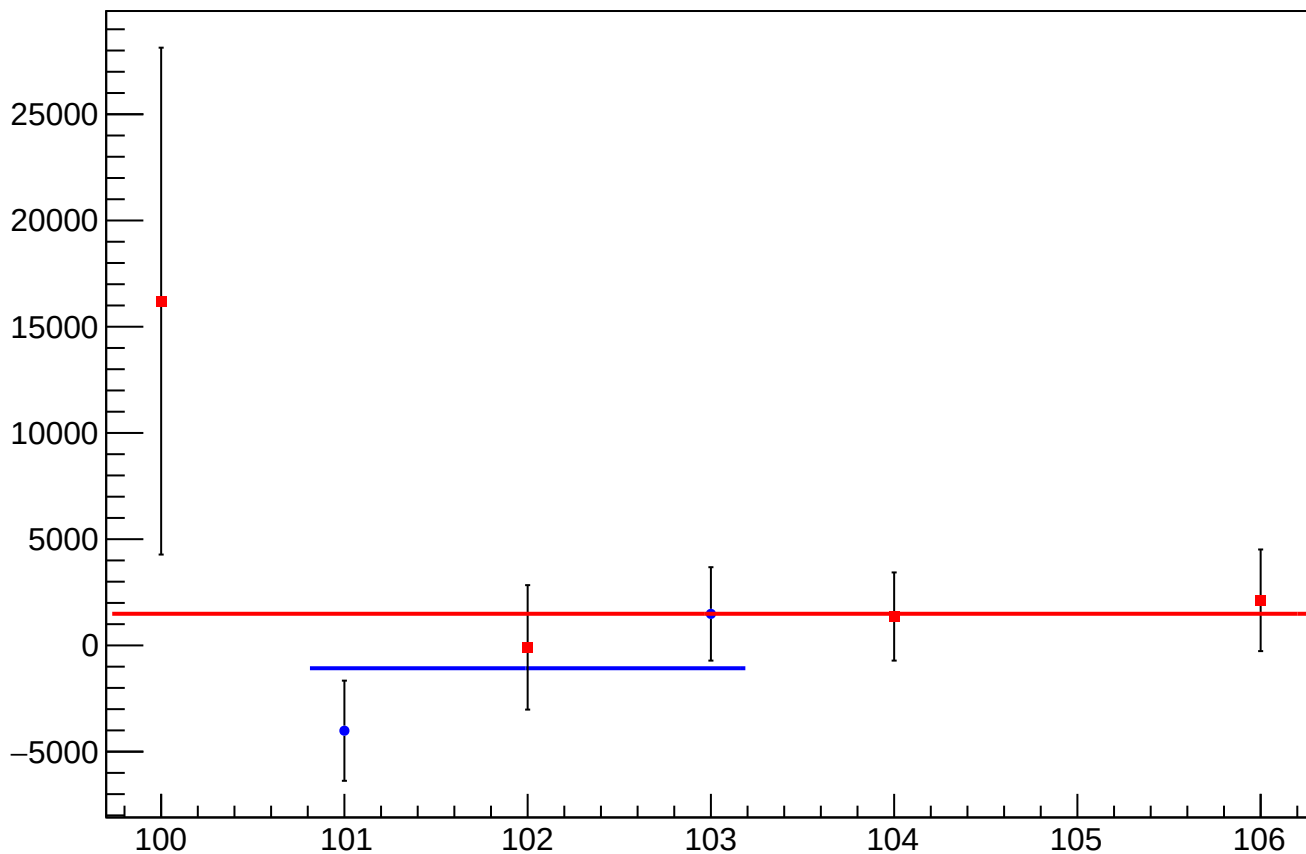
Right: 1951.920+/-0.884 χ^2/NDF : 360849.7/5

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.920+/-0.884 χ^2/NDF : 360849.7/5

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1074.467 $\pm$ 1607.672 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1489.211 $\pm$ 1372.772 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

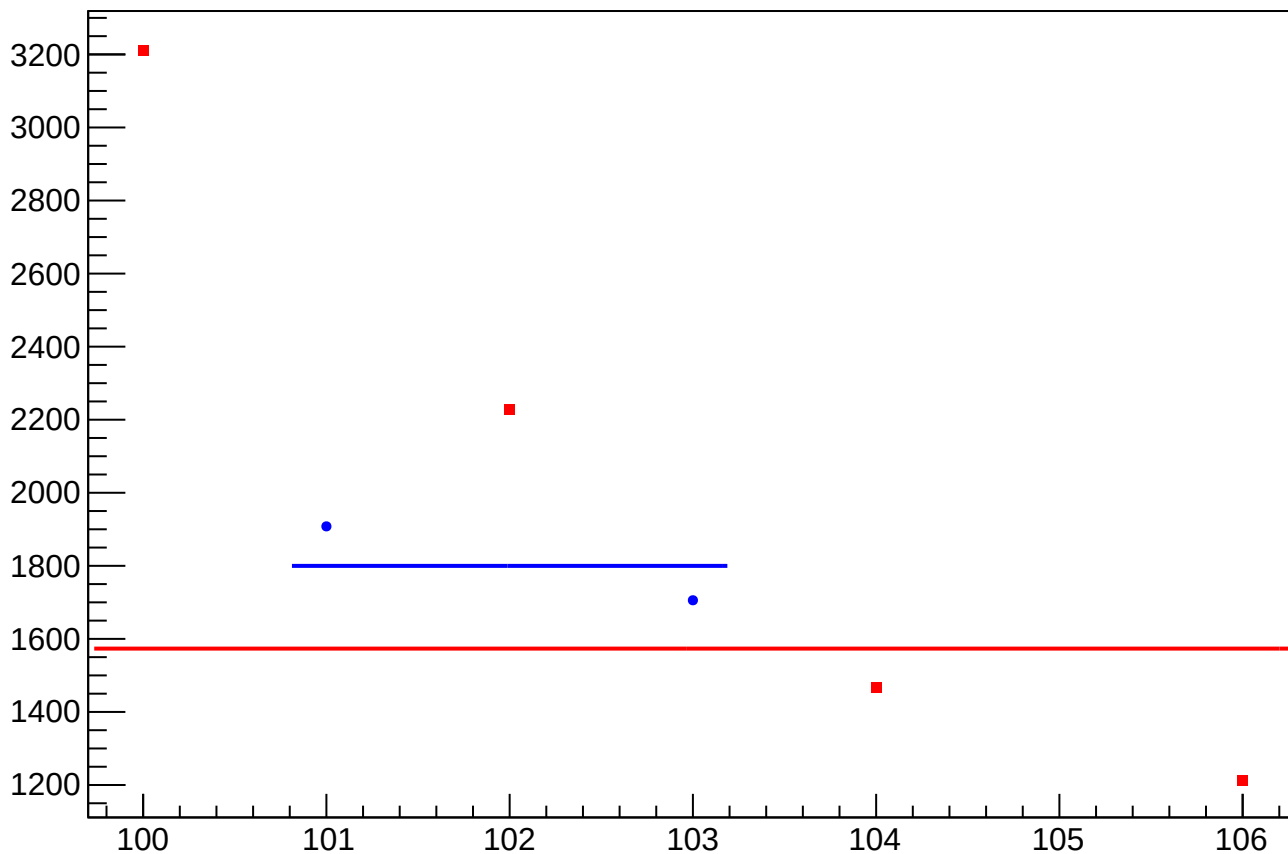
Right: 408.177 $\pm$ 1043.963 χ^2 /NDF: 6.3/5

In: -1074.467 $\pm$ 1607.672 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 408.177 $\pm$ 1043.963 χ^2 /NDF: 6.3/5

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.405+/-0.971 χ^2/NDF : 188209.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

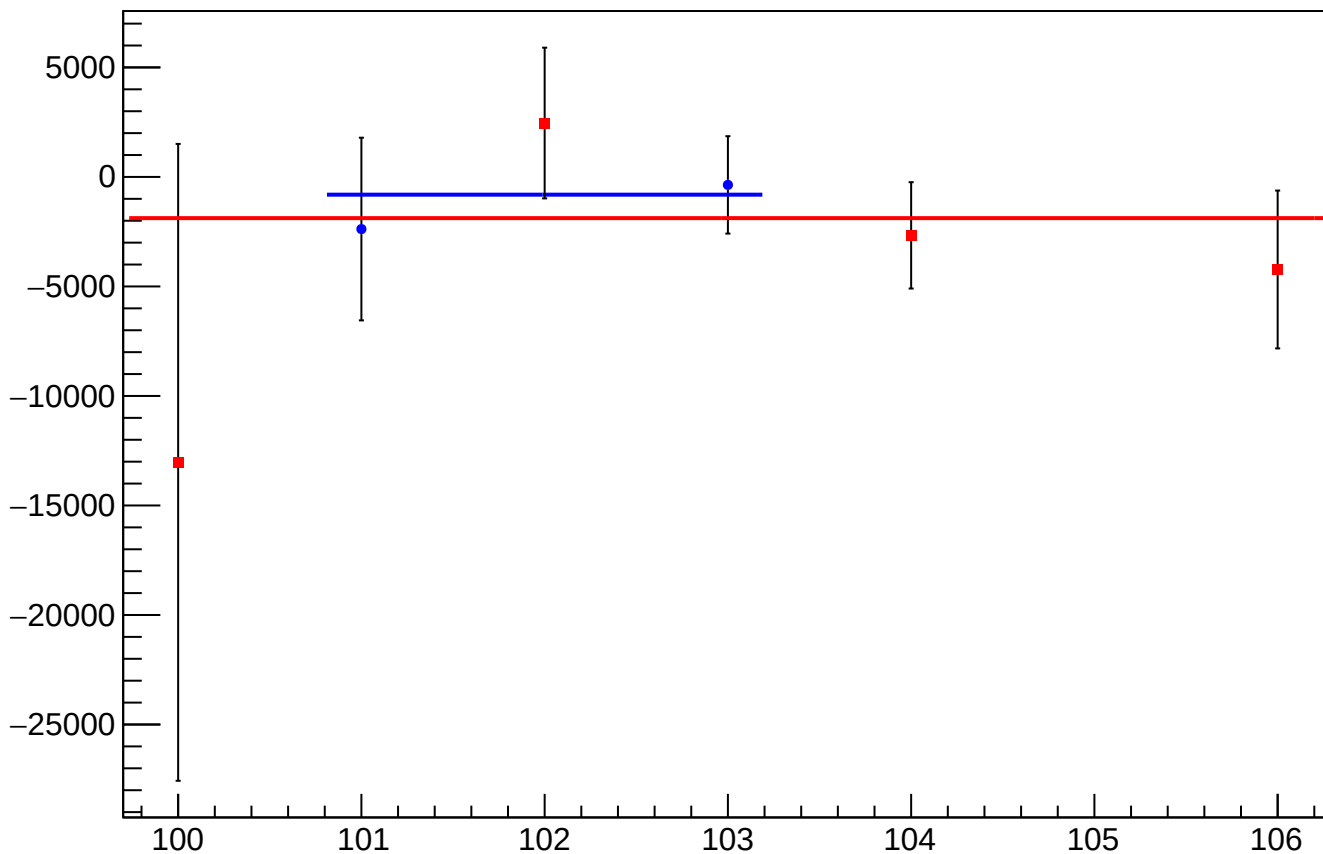
Right: 1668.887+/-0.738 χ^2/NDF : 219032.4/5

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.887+/-0.738 χ^2/NDF : 219032.4/5

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -809.669+/-1961.800 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1880.917+/-1725.437 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

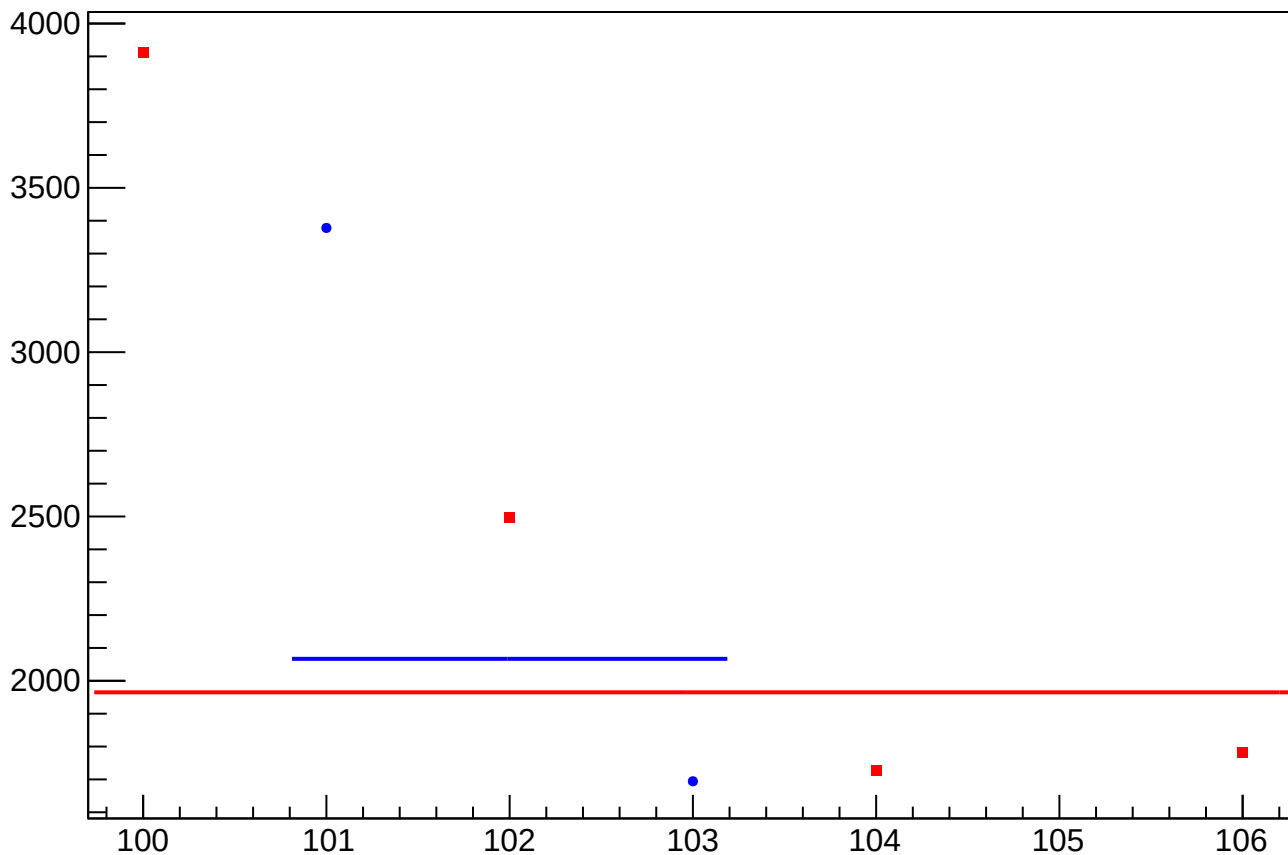
Right: -1413.682+/-1295.619 χ^2/NDF : 3.1/5

In: -809.669+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1413.682+/-1295.619 χ^2/NDF : 3.1/5

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2066.881+/-1.387 χ^2/NDF : 253879.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.003+/-1.220 χ^2/NDF : 107932.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

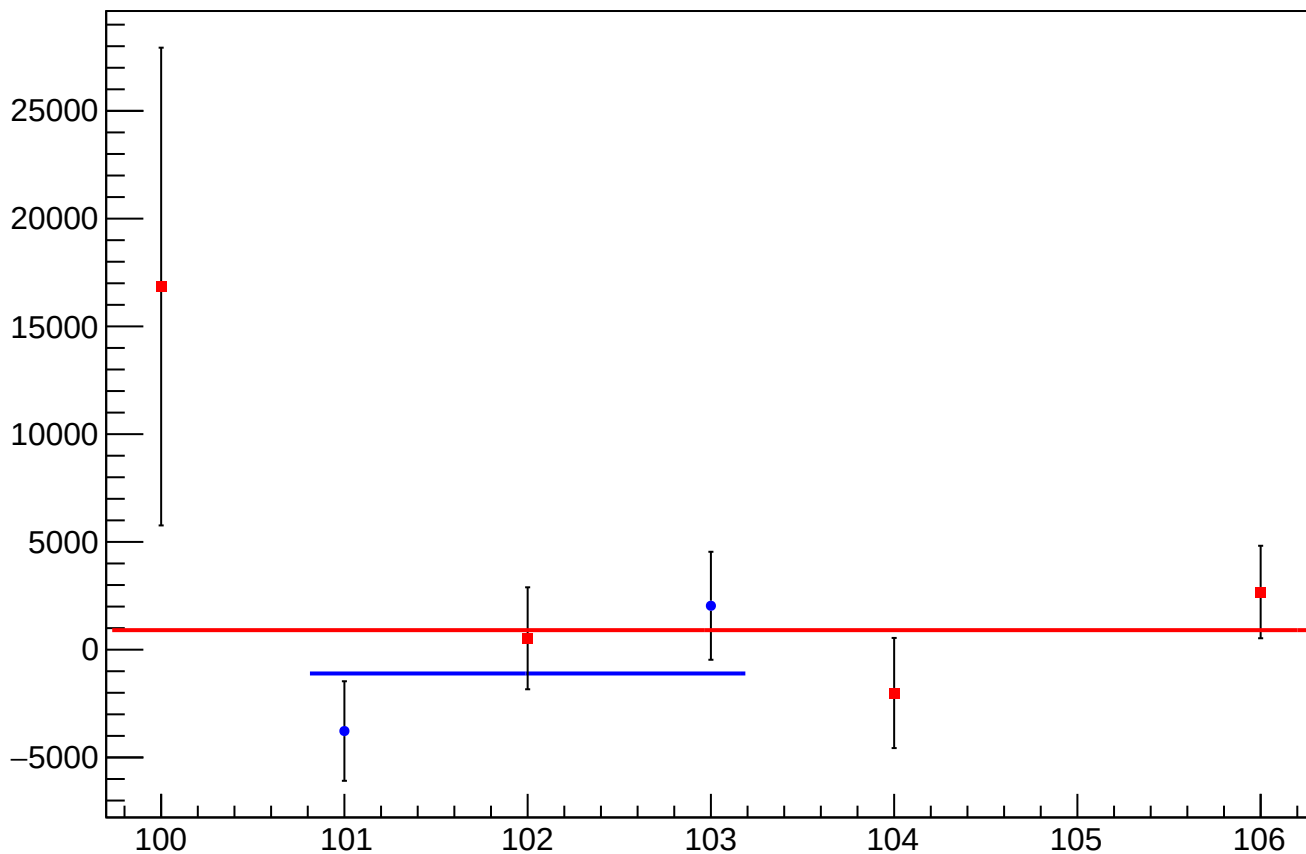
Right: 2009.437+/-0.916 χ^2/NDF : 364853.1/5

In: 2066.881+/-1.387 χ^2/NDF : 253879.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.437+/-0.916 χ^2/NDF : 364853.1/5

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1104.338 $\pm$ 1697.954 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 906.234 $\pm$ 1339.525 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

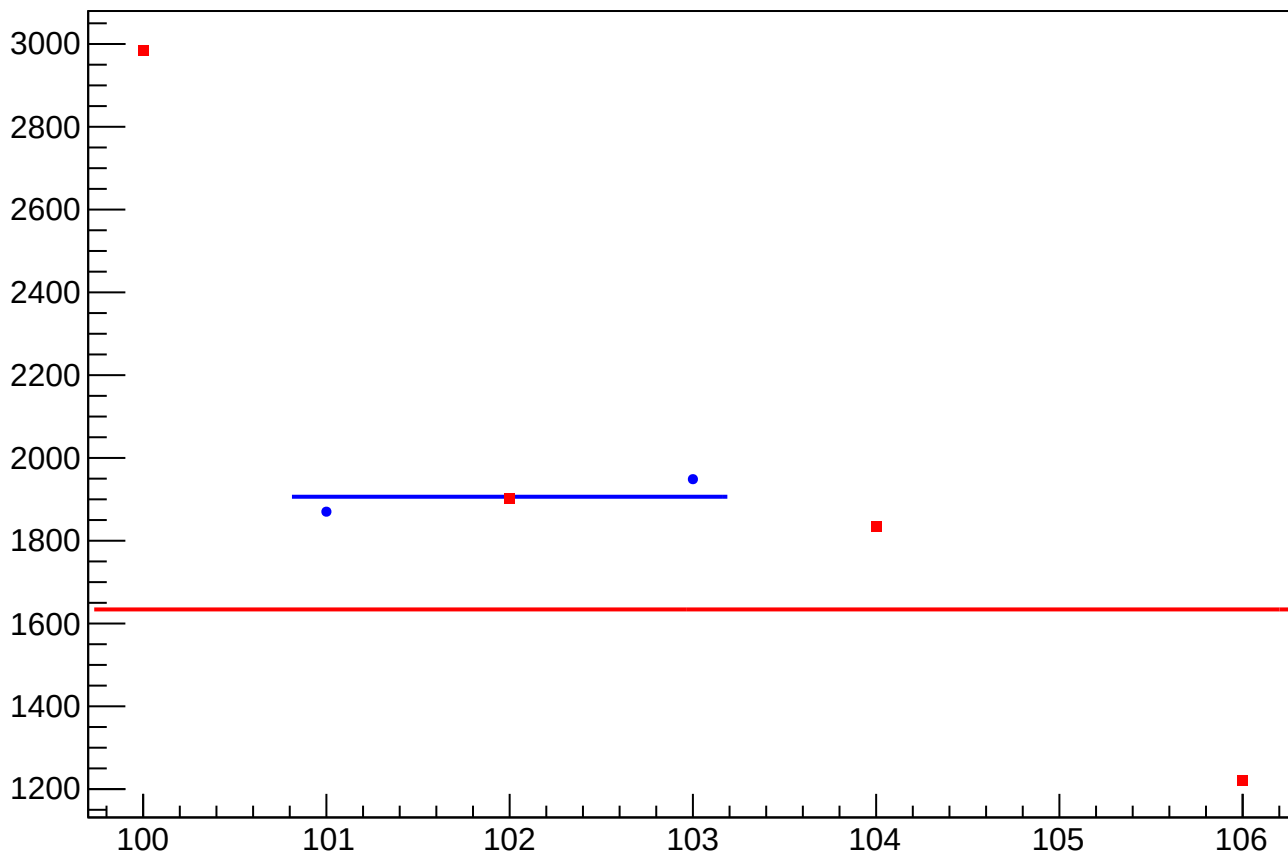
Right: 134.941 $\pm$ 1051.661 χ^2 /NDF: 7.9/5

In: -1104.338 $\pm$ 1697.954 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.941 $\pm$ 1051.661 χ^2 /NDF: 7.9/5

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1906.278+/-1.201 χ^2/NDF : 1062.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1634.035+/-0.947 χ^2/NDF : 141616.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

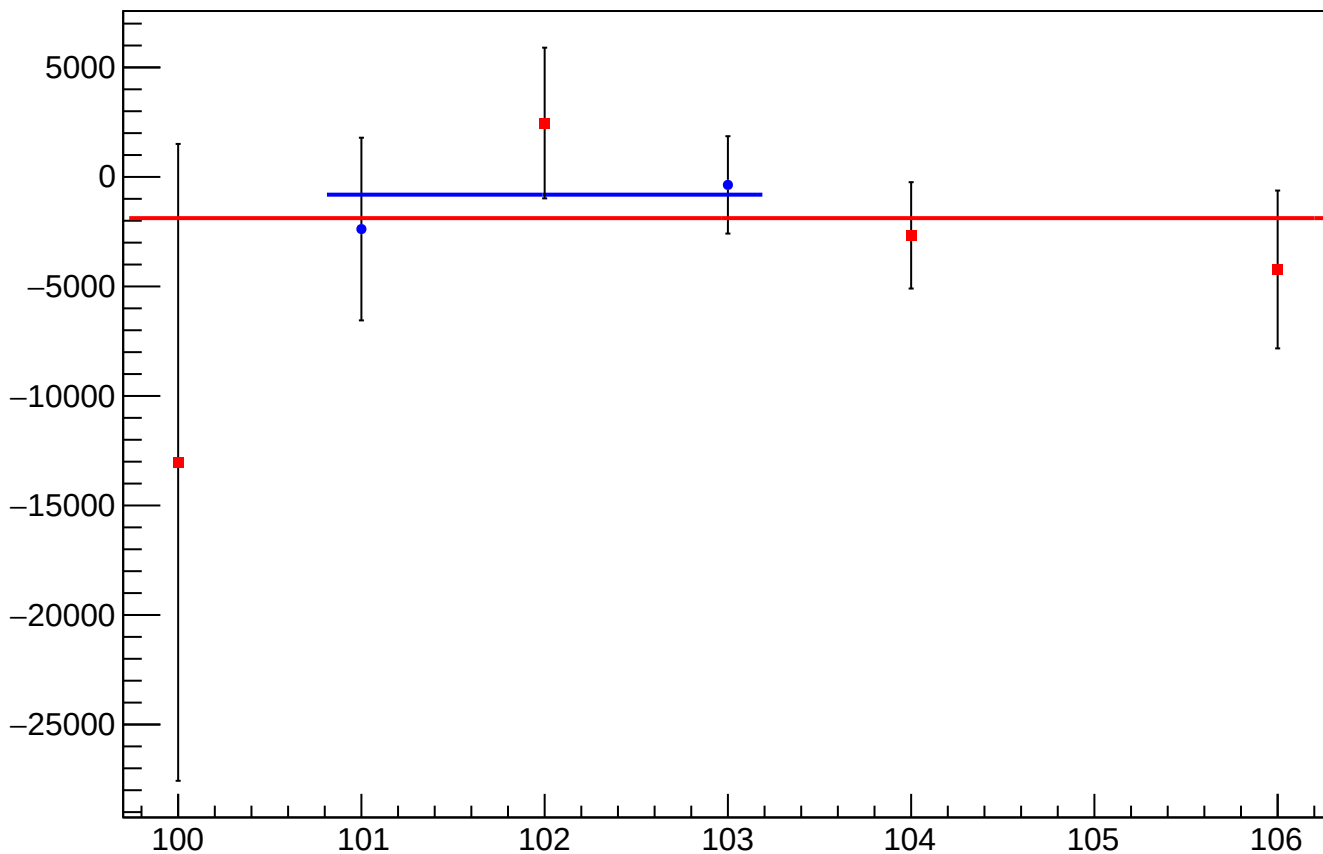
Right: 1738.473+/-0.744 χ^2/NDF : 174370.2/5

In: 1906.278+/-1.201 χ^2/NDF : 1062.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1738.473+/-0.744 χ^2/NDF : 174370.2/5

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -809.661+/-1961.800 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1880.918+/-1725.438 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

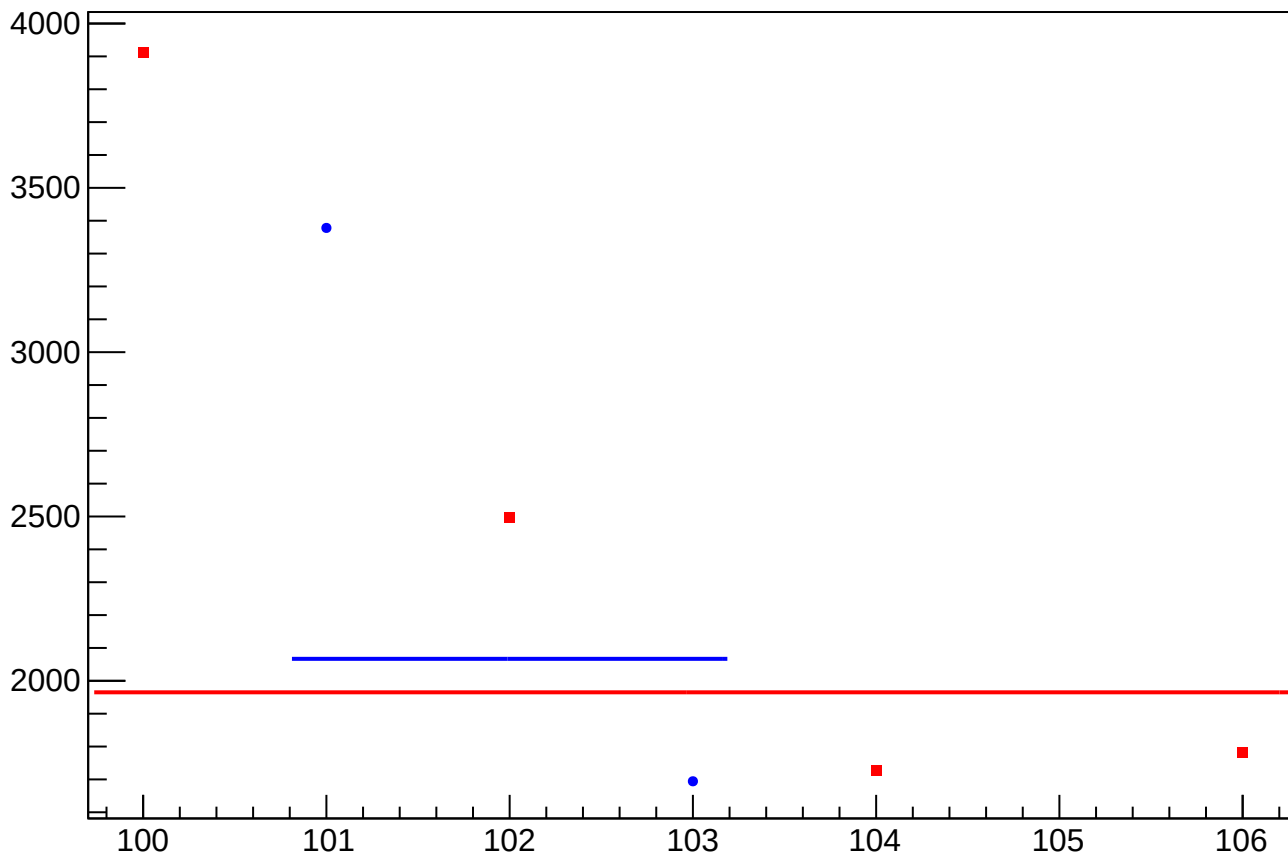
Right: -1413.679+/-1295.619 χ^2/NDF : 3.1/5

In: -809.661+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1413.679+/-1295.619 χ^2/NDF : 3.1/5

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2066.881+/-1.387 χ^2/NDF : 253878.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.004+/-1.220 χ^2/NDF : 107932.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

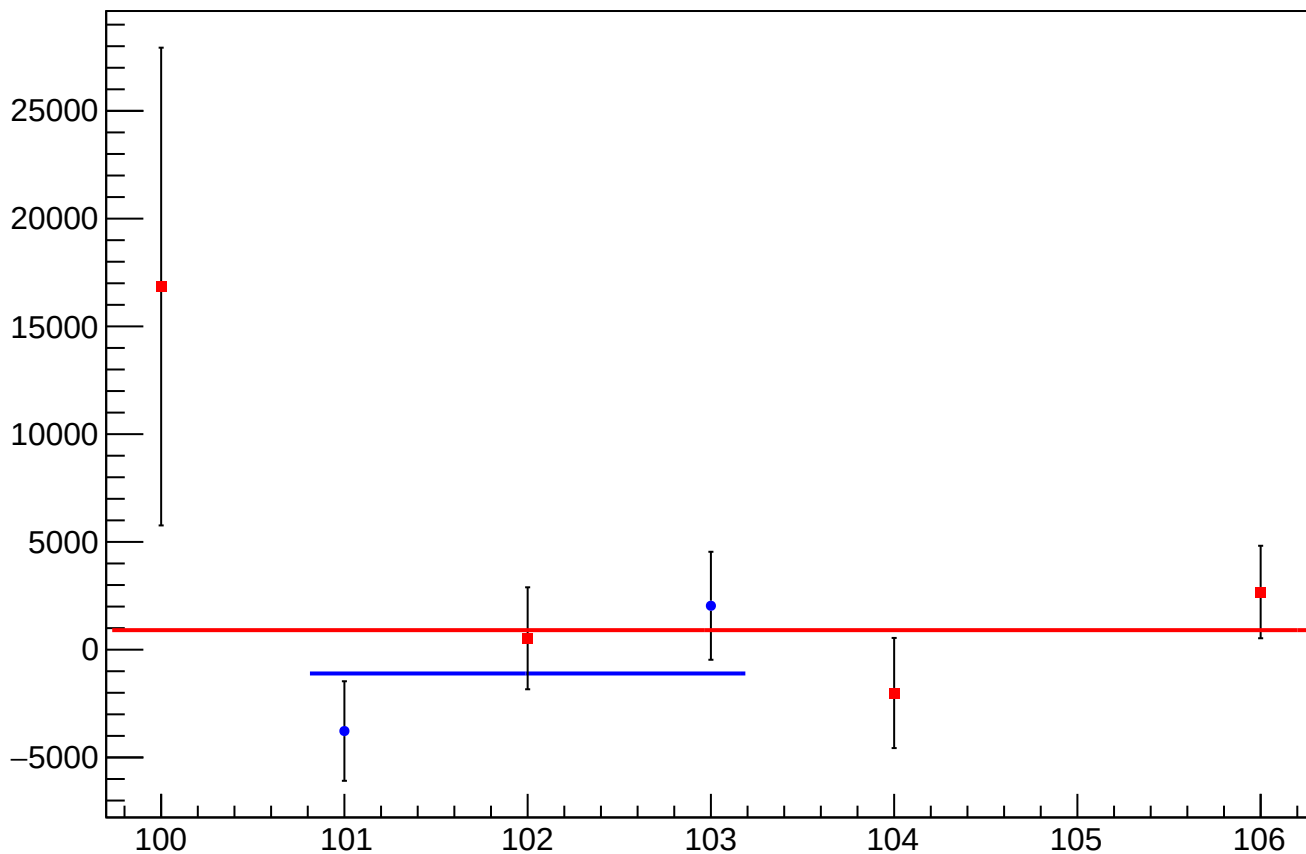
Right: 2009.438+/-0.916 χ^2/NDF : 364852.9/5

In: 2066.881+/-1.387 χ^2/NDF : 253878.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.438+/-0.916 χ^2/NDF : 364852.9/5

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1104.340+/-1697.952 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 906.236+/-1339.526 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

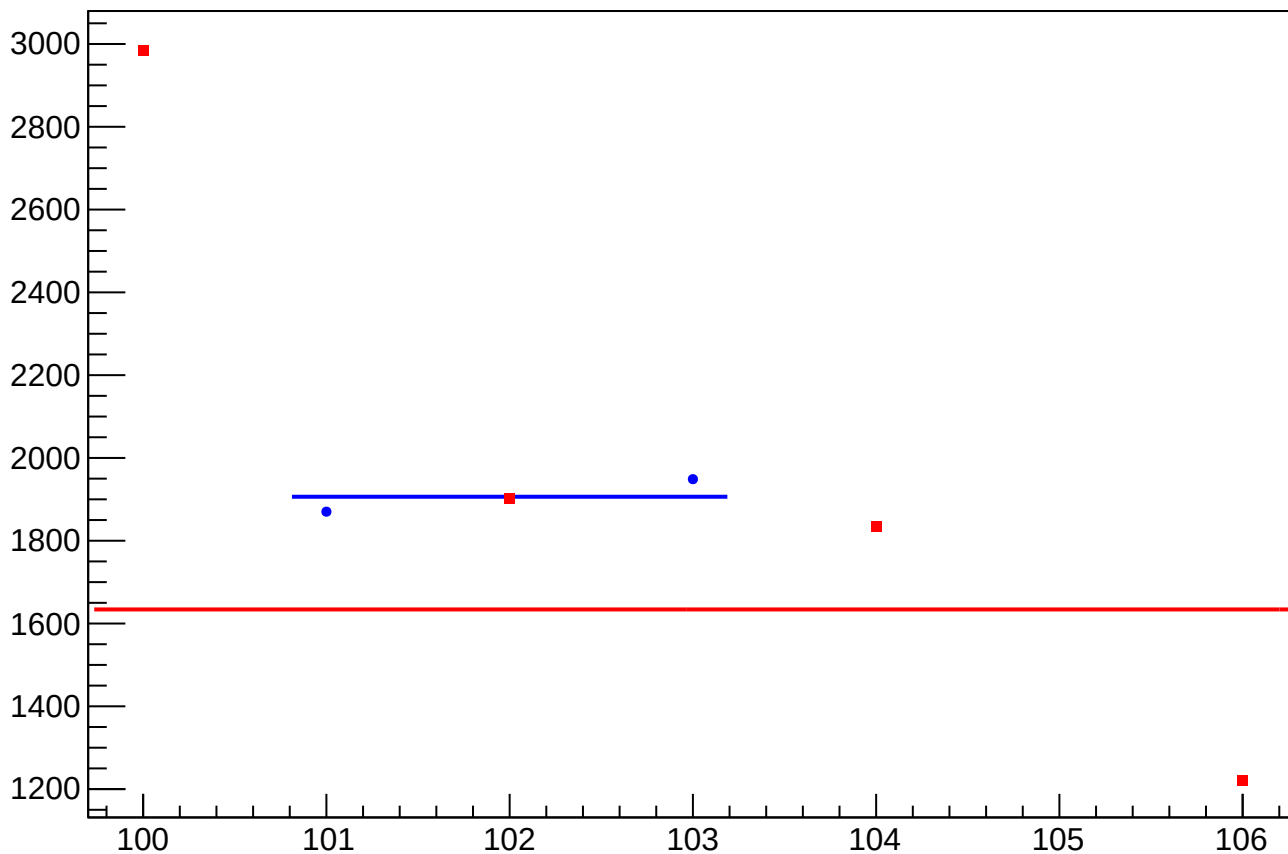
Right: 134.940+/-1051.661 χ^2/NDF : 7.9/5

In: -1104.340+/-1697.952 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.940+/-1051.661 χ^2/NDF : 7.9/5

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1906.276 ± 1.201 χ^2/NDF : 1062.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1634.036 ± 0.947 χ^2/NDF : 141617.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

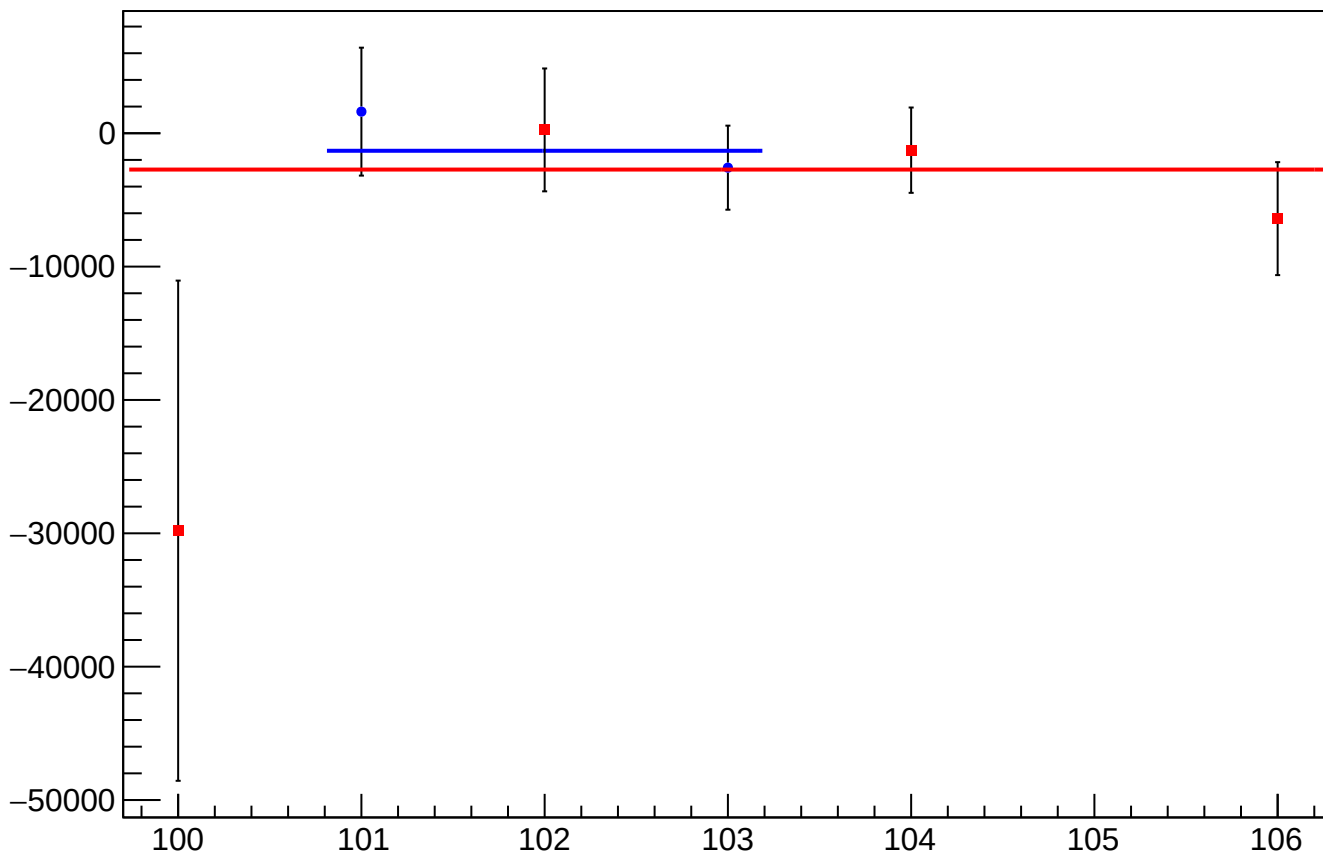
Right: 1738.472 ± 0.744 χ^2/NDF : 174371.1/5

In: 1906.276 ± 1.201 χ^2/NDF : 1062.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1738.472 ± 0.744 χ^2/NDF : 174371.1/5

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1314.695+/-2634.051 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2723.194+/-2217.229 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

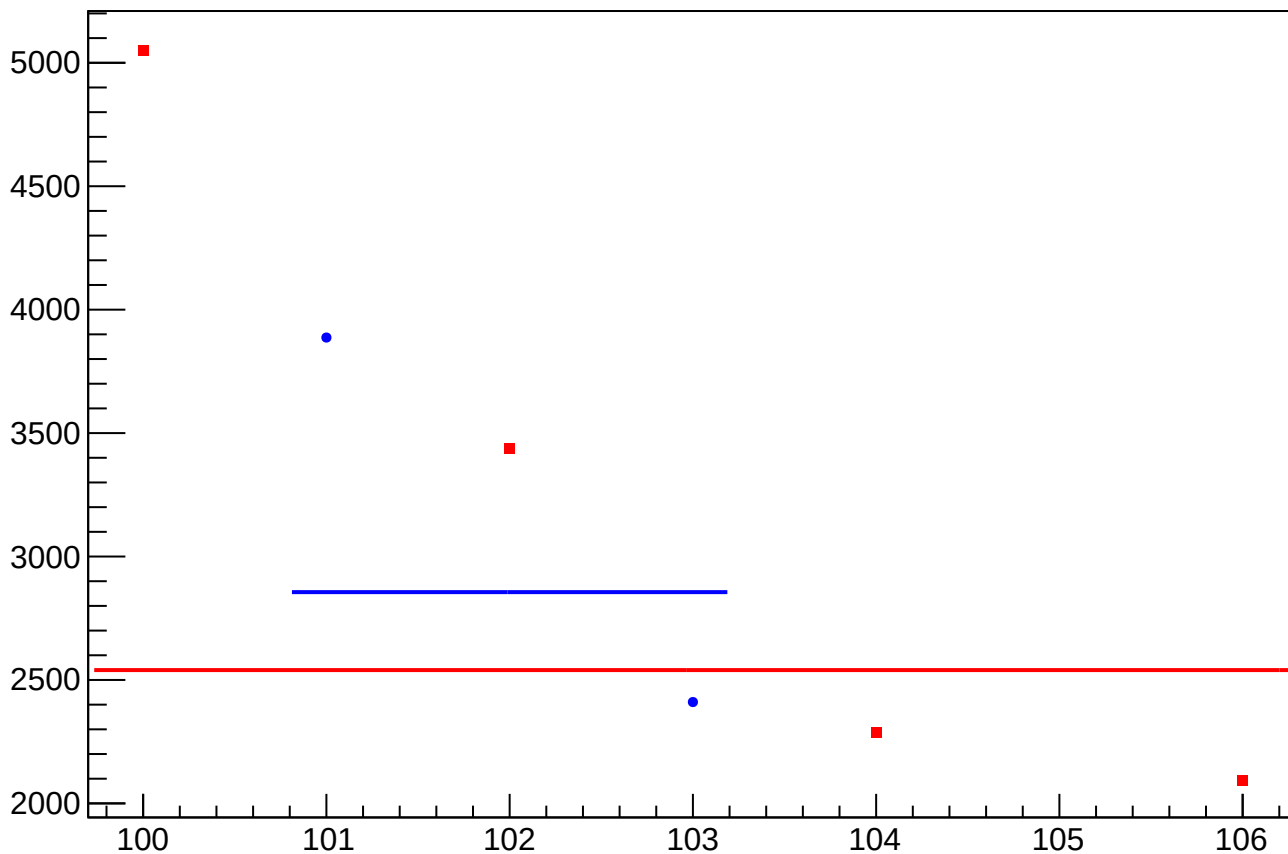
Right: -2139.076+/-1696.275 χ^2/NDF : 4.2/5

In: -1314.695+/-2634.051 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2139.076+/-1696.275 χ^2/NDF : 4.2/5

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2855.782 $\pm$ 1.862 χ^2 /NDF: 132357.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2540.003 $\pm$ 1.568 χ^2 /NDF: 145886.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

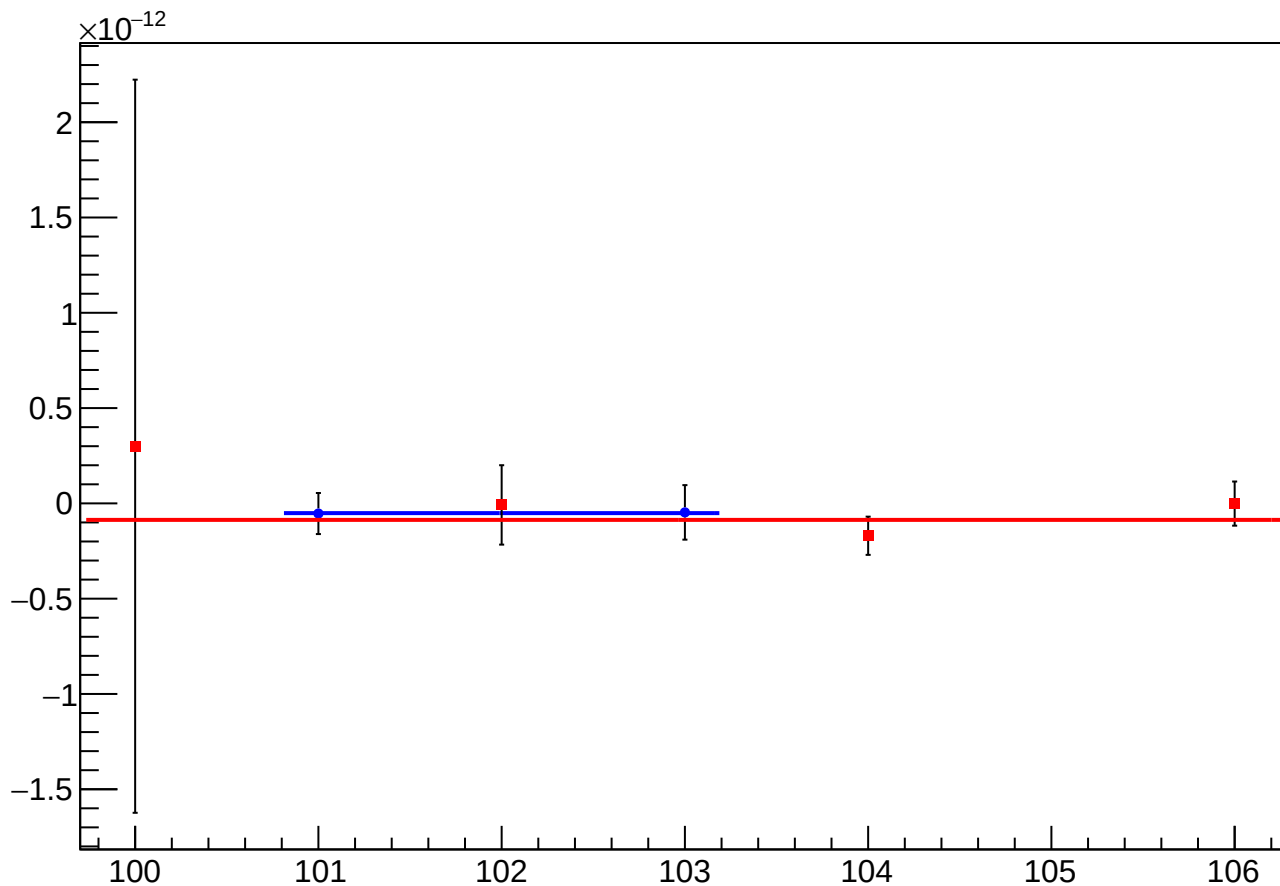
Right: 2670.955 $\pm$ 1.199 χ^2 /NDF: 295068.9/5

In: 2855.782 $\pm$ 1.862 χ^2 /NDF: 132357.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2670.955 $\pm$ 1.199 χ^2 /NDF: 295068.9/5

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

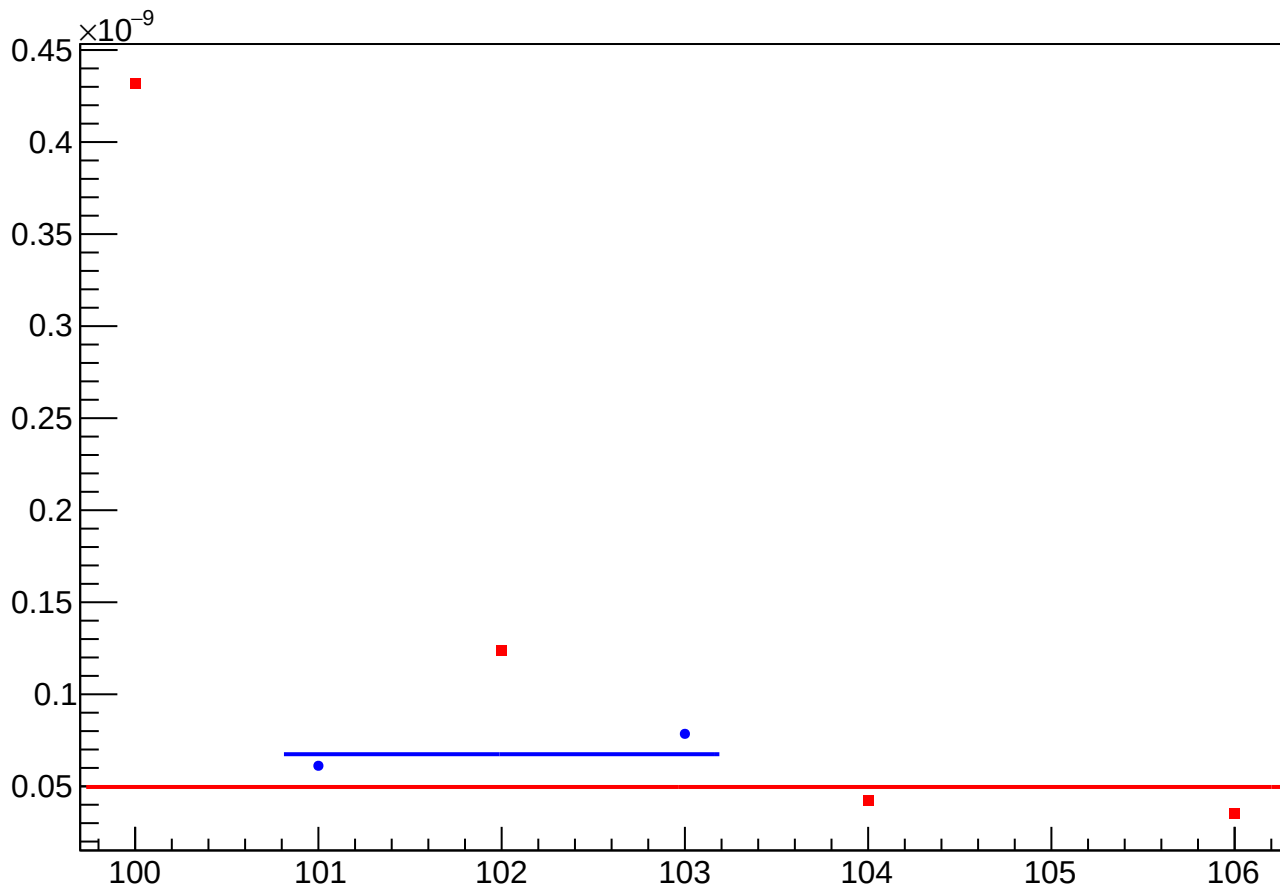
Right: -0.000+/-0.000 χ^2/NDF : 1.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.5/5

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18773.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375311.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

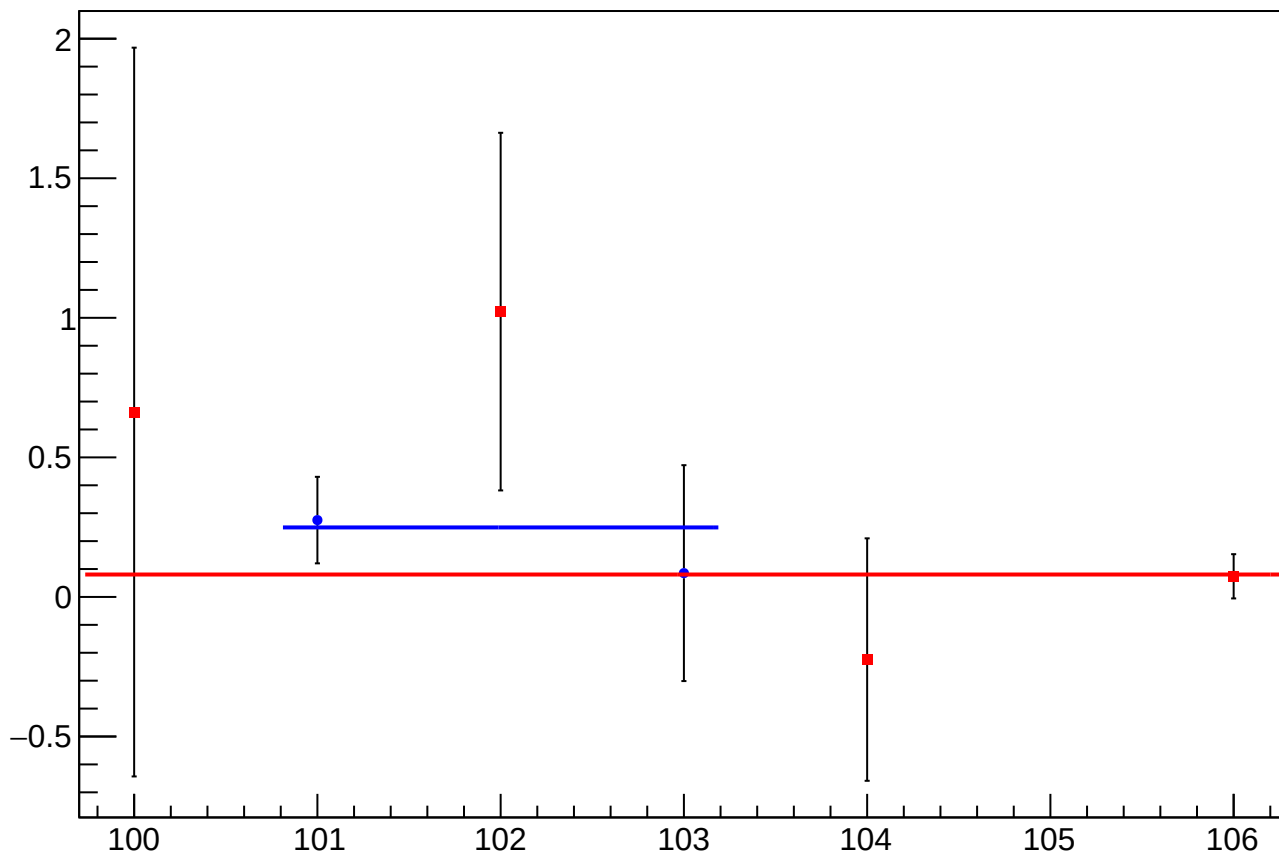
Right: 0.000+/-0.000 χ^2/NDF : 444890.2/5

In: 0.000+/-0.000 χ^2/NDF : 18773.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 444890.2/5

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.077 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

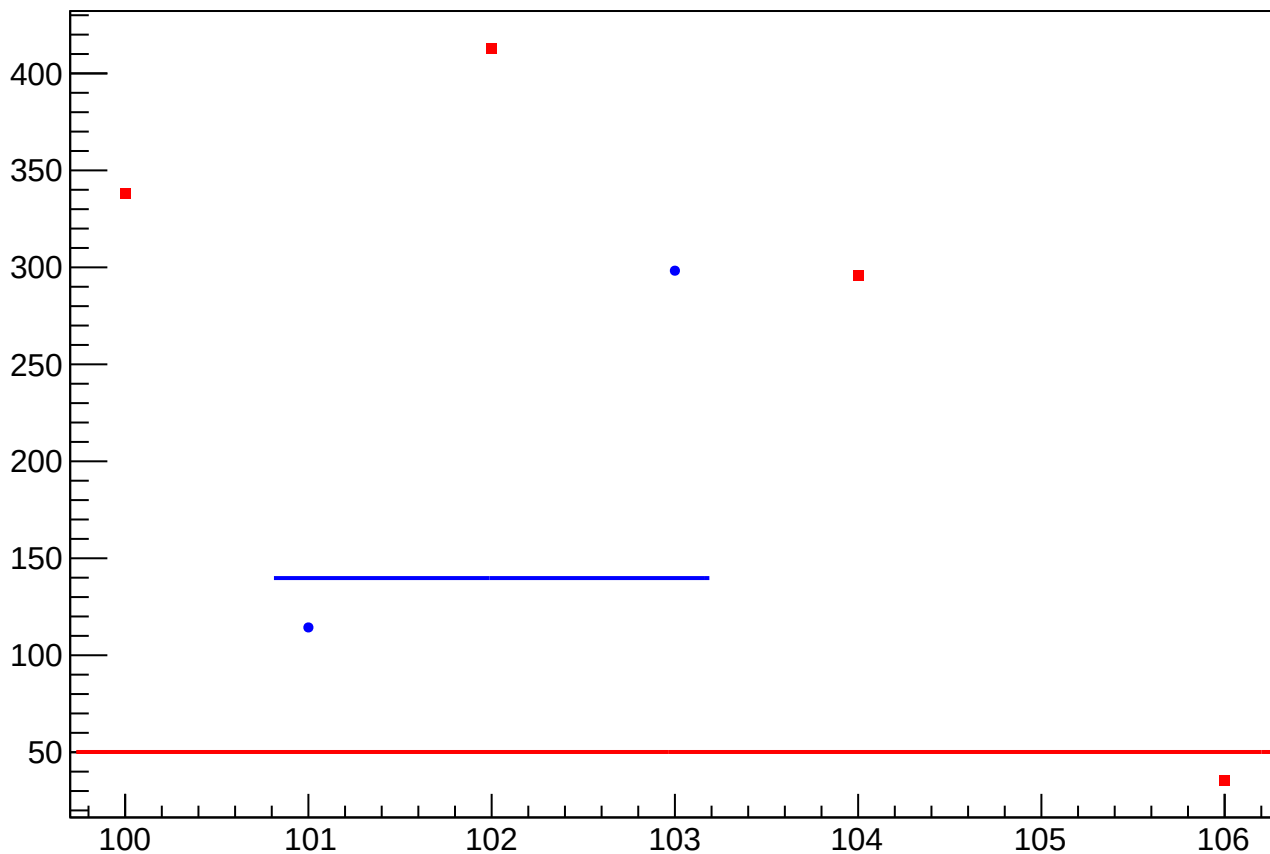
Right: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.129+/-0.055 χ^2/NDF : 1448738.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

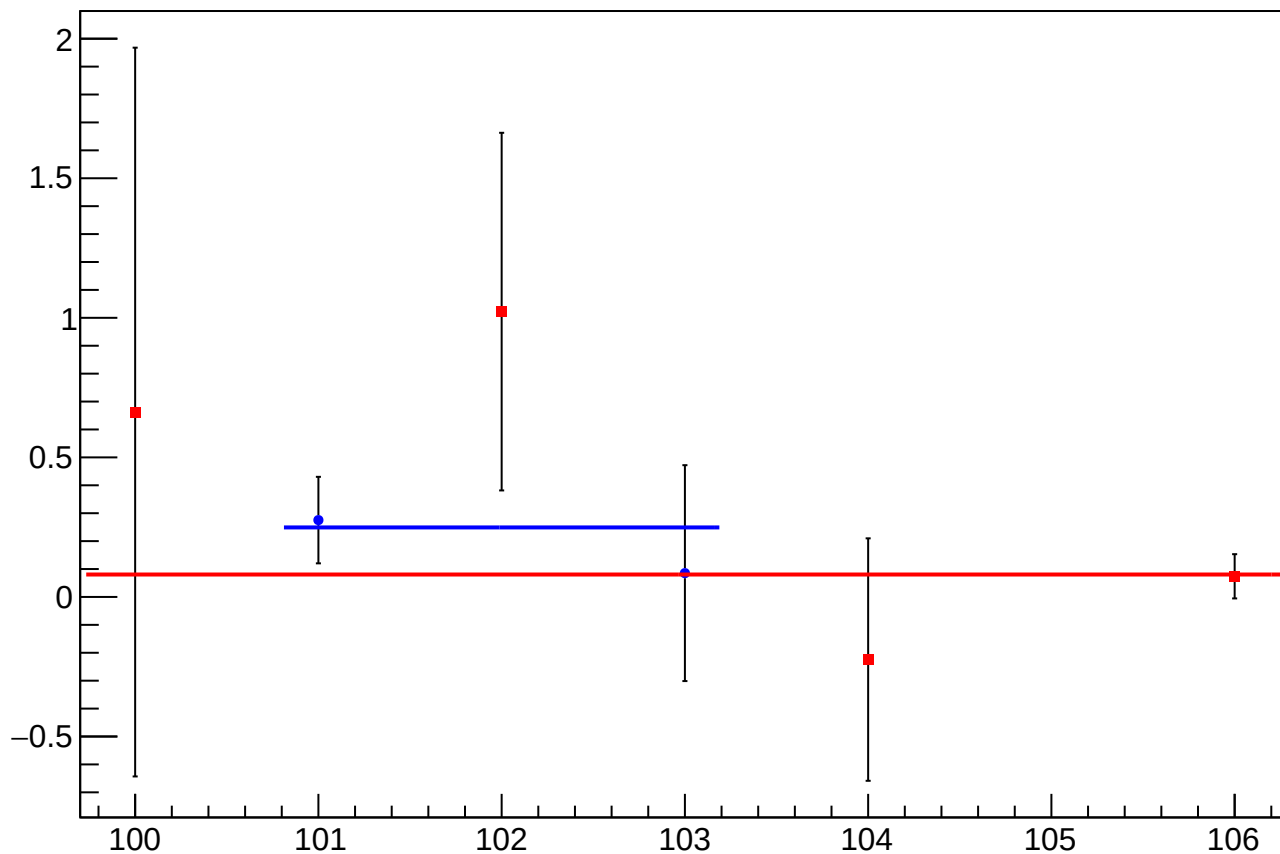
Right: 70.206+/-0.048 χ^2/NDF : 2441627.4/5

In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.206+/-0.048 χ^2/NDF : 2441627.4/5

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249+/-0.144 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.080+/-0.077 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

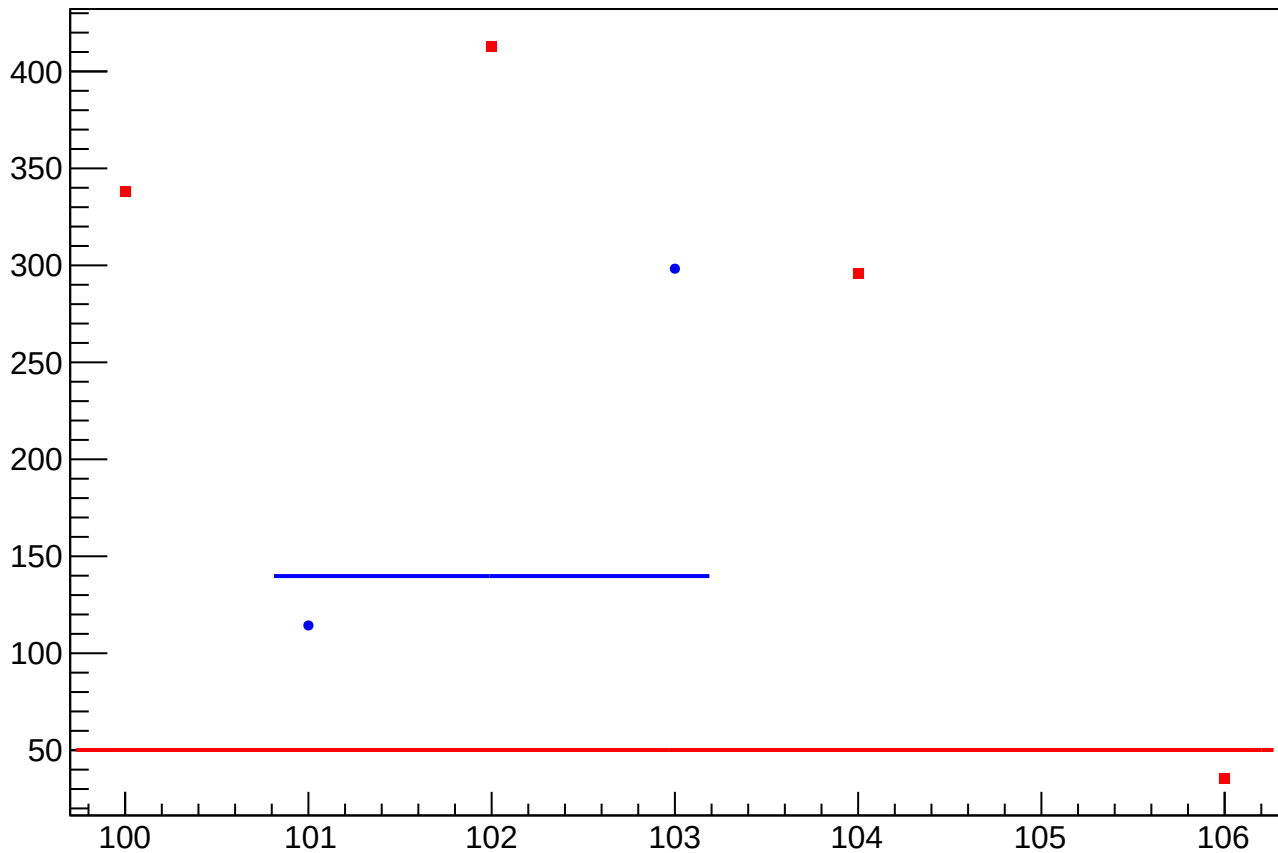
Right: 0.118+/-0.068 χ^2/NDF : 4.1/5

In: 0.249+/-0.144 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.118+/-0.068 χ^2/NDF : 4.1/5

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.129+/-0.055 χ^2/NDF : 1448738.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

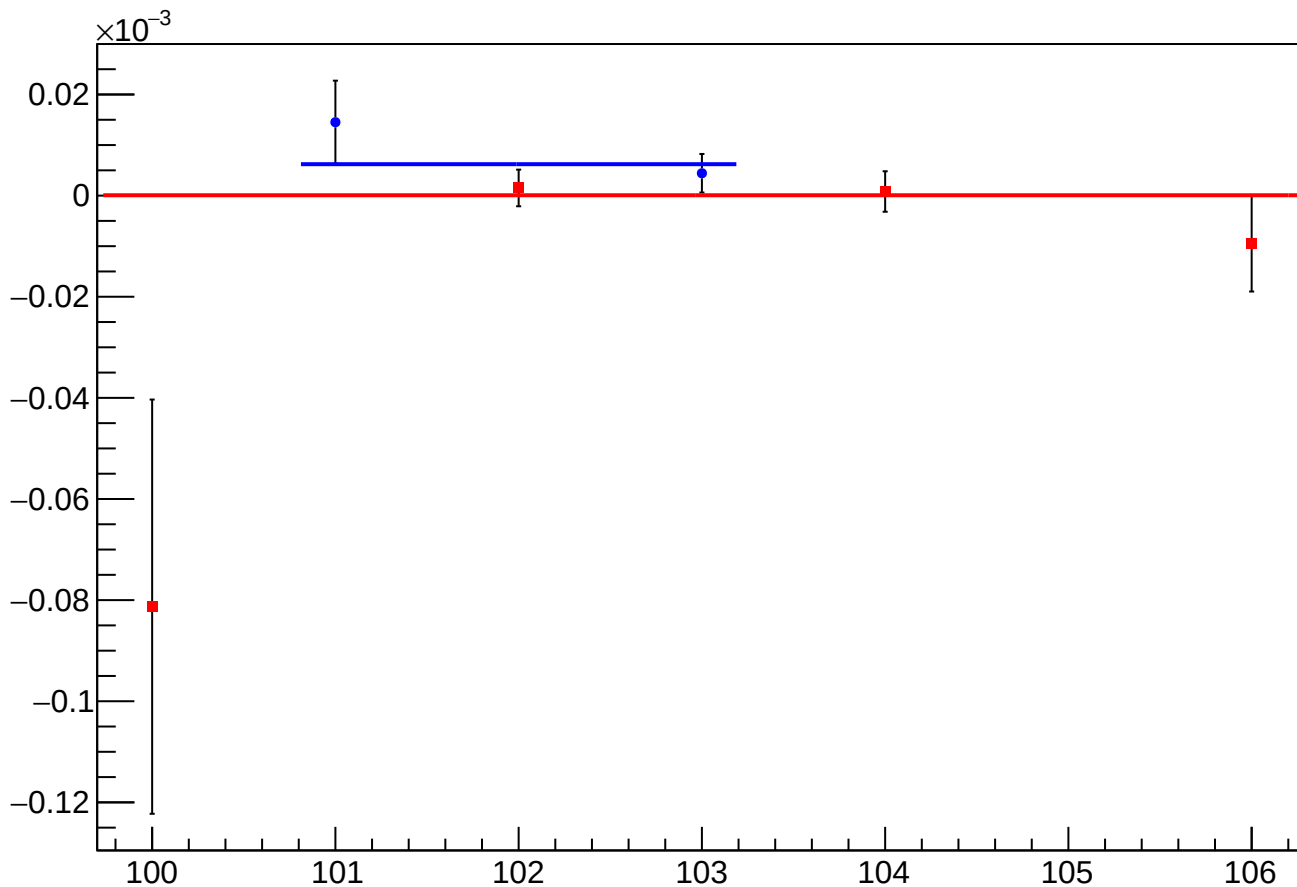
Right: 70.206+/-0.048 χ^2/NDF : 2441627.4/5

In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.206+/-0.048 χ^2/NDF : 2441627.4/5

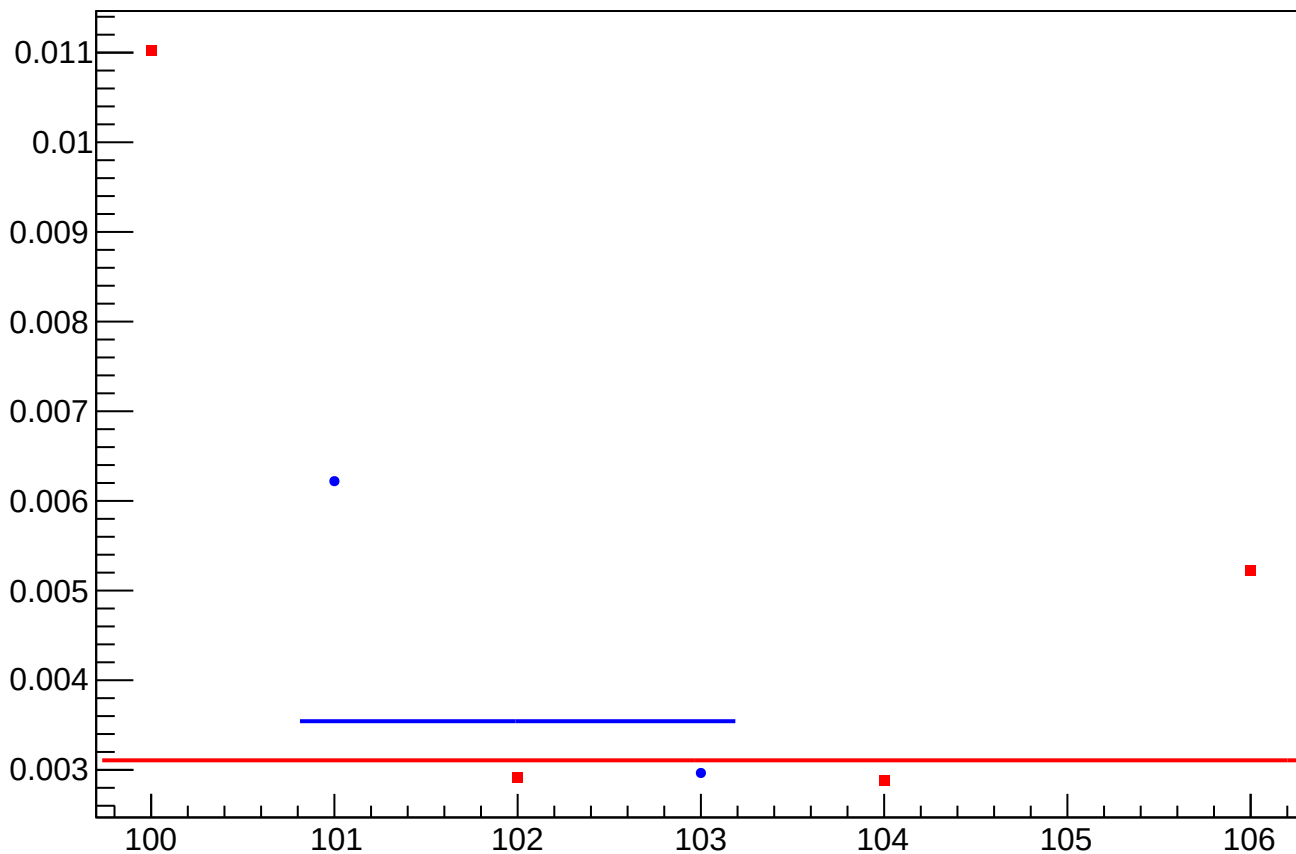
asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 8.4/5
 In: 0.000+/-0.000 χ^2/NDF : 1.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 8.4/5

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 258400.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 186918.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

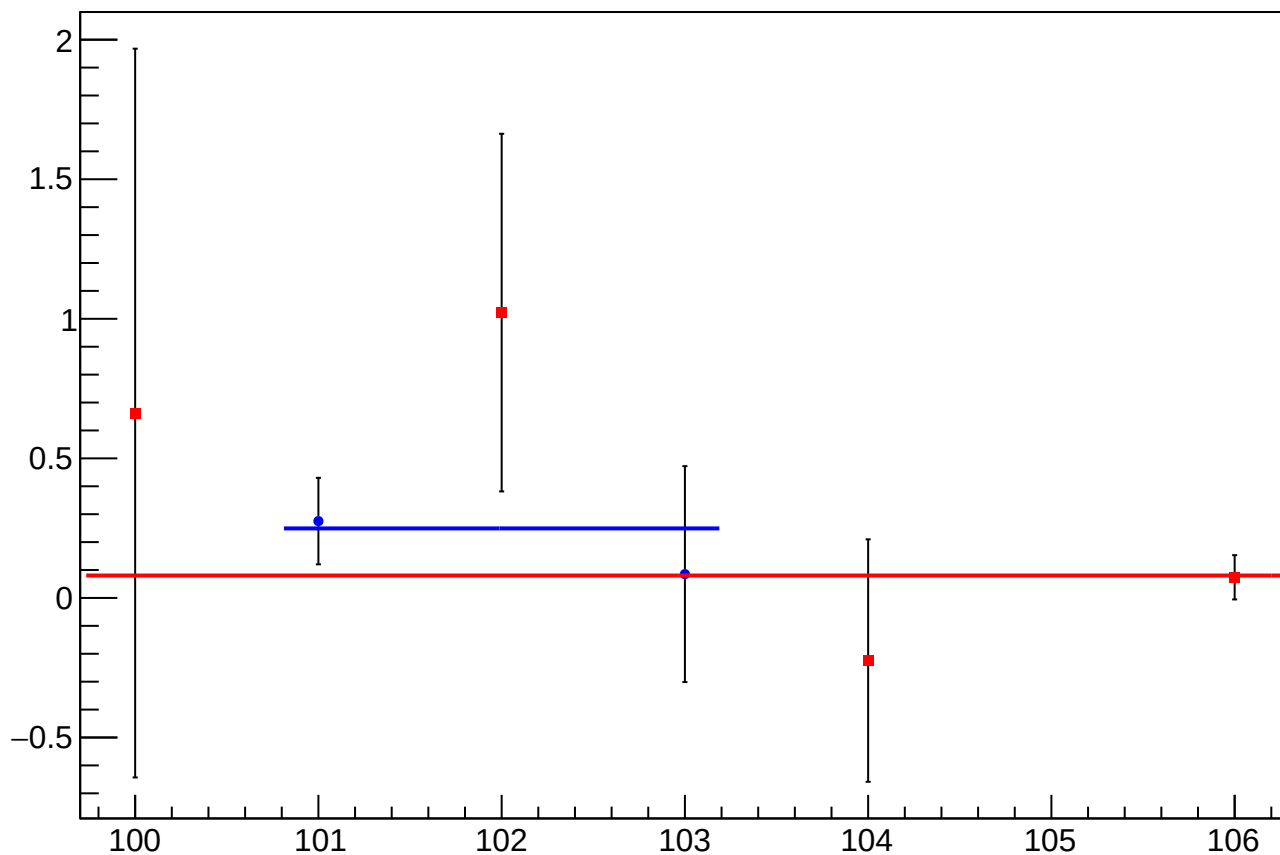
Right: 0.003+/-0.000 χ^2/NDF : 465784.5/5

In: 0.004+/-0.000 χ^2/NDF : 258400.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 465784.5/5

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.077 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

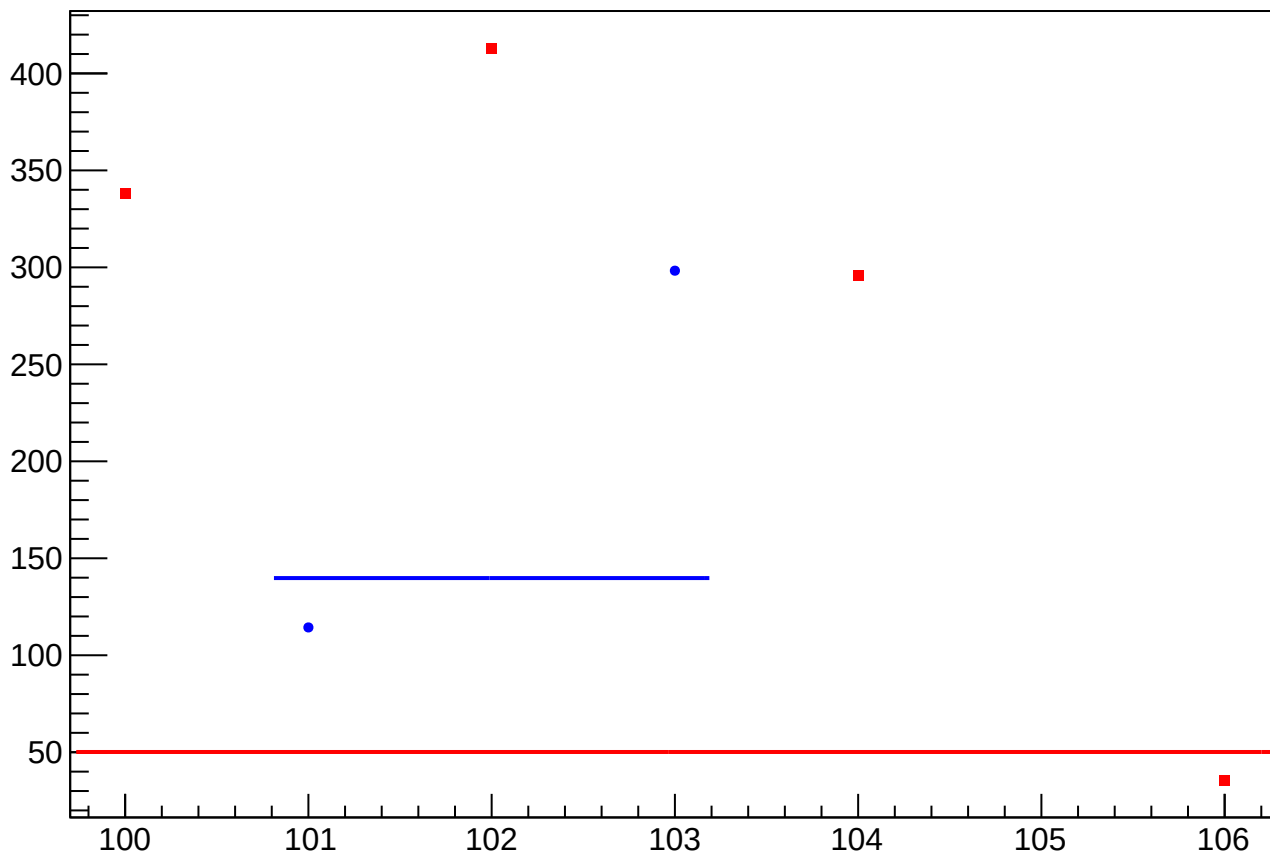
Right: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.799+/-0.102 χ^2/NDF : 389857.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.130+/-0.055 χ^2/NDF : 1448742.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

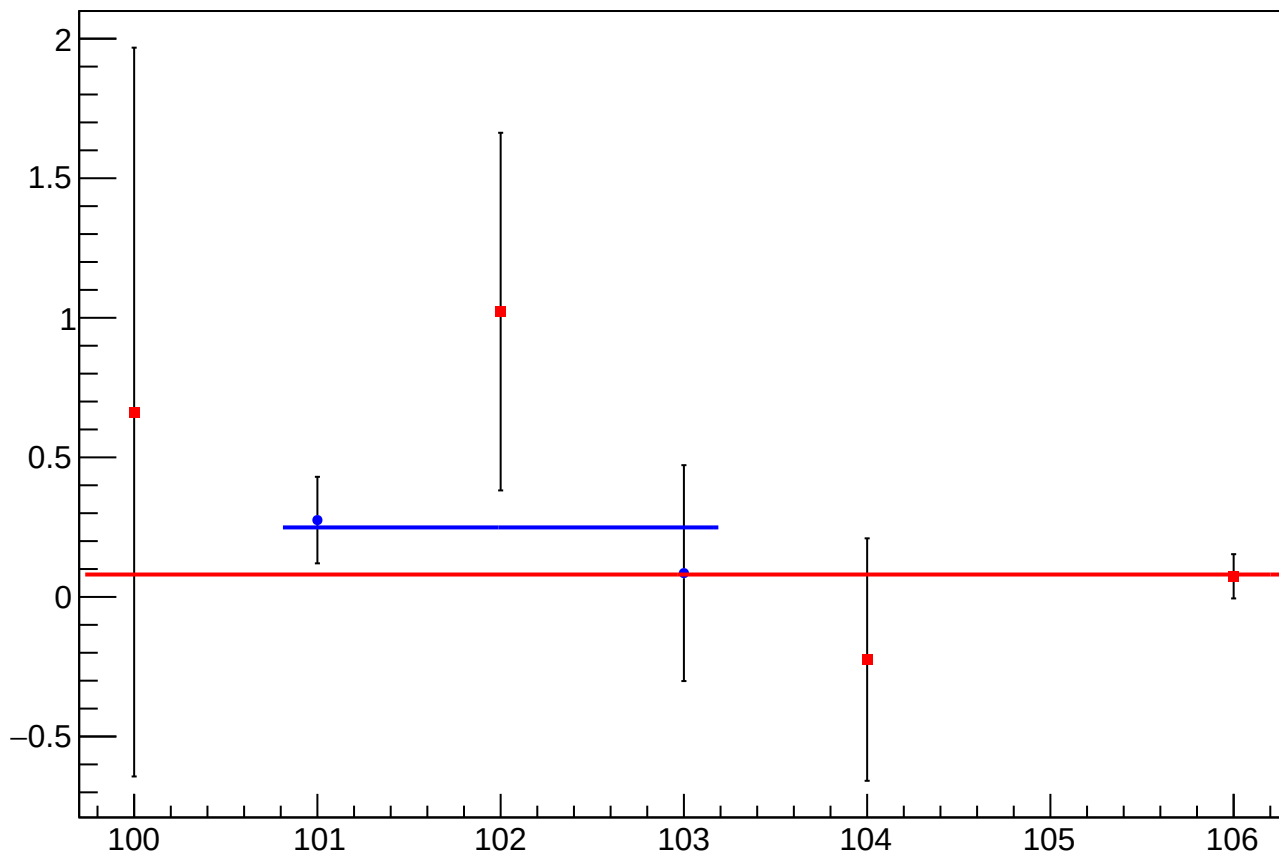
Right: 70.207+/-0.048 χ^2/NDF : 2441637.1/5

In: 139.799+/-0.102 χ^2/NDF : 389857.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.207+/-0.048 χ^2/NDF : 2441637.1/5

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.080 $\pm$ 0.077 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

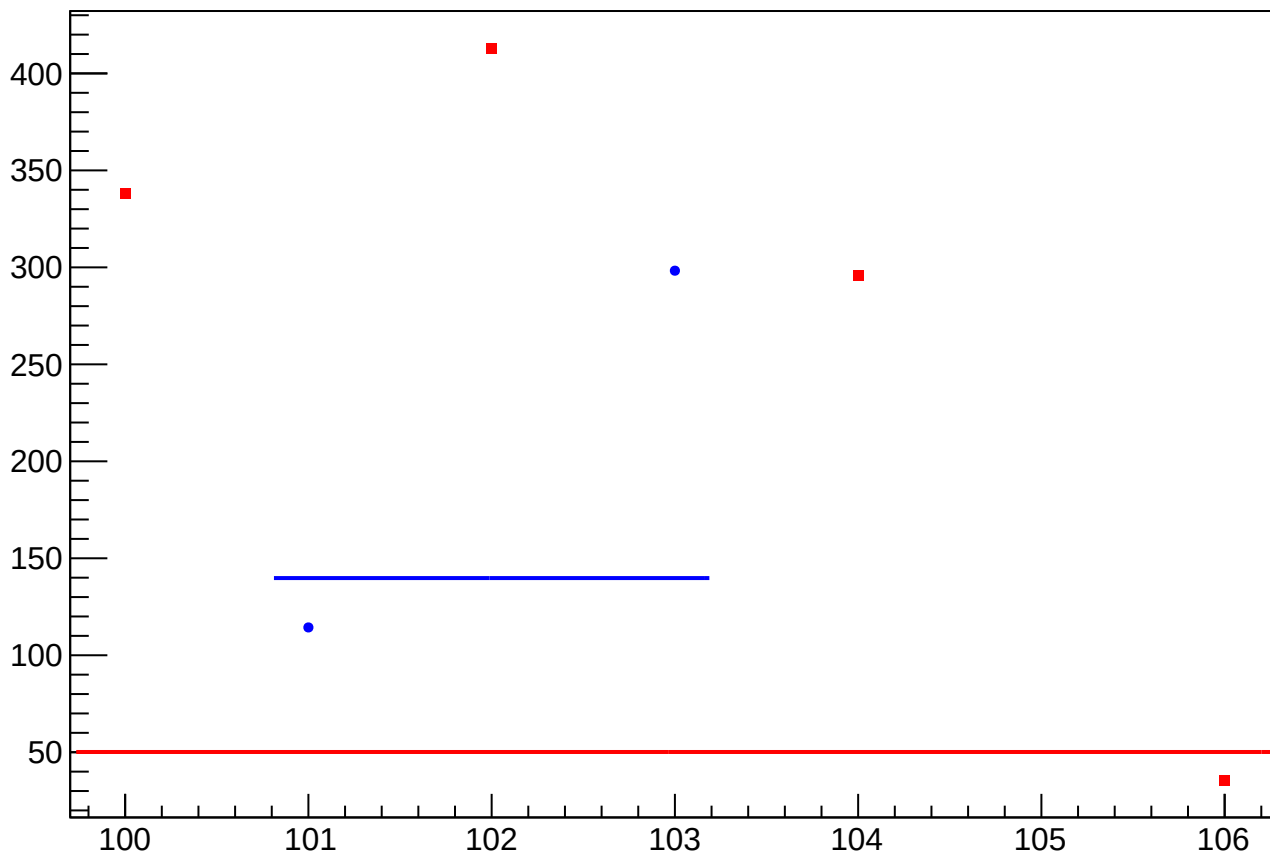
Right: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

In: 0.249 $\pm$ 0.144 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.118 $\pm$ 0.068 χ^2 /NDF: 4.1/5

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.799 $\pm$ 0.102 χ^2 /NDF: 389857.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.130 $\pm$ 0.055 χ^2 /NDF: 1448742.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

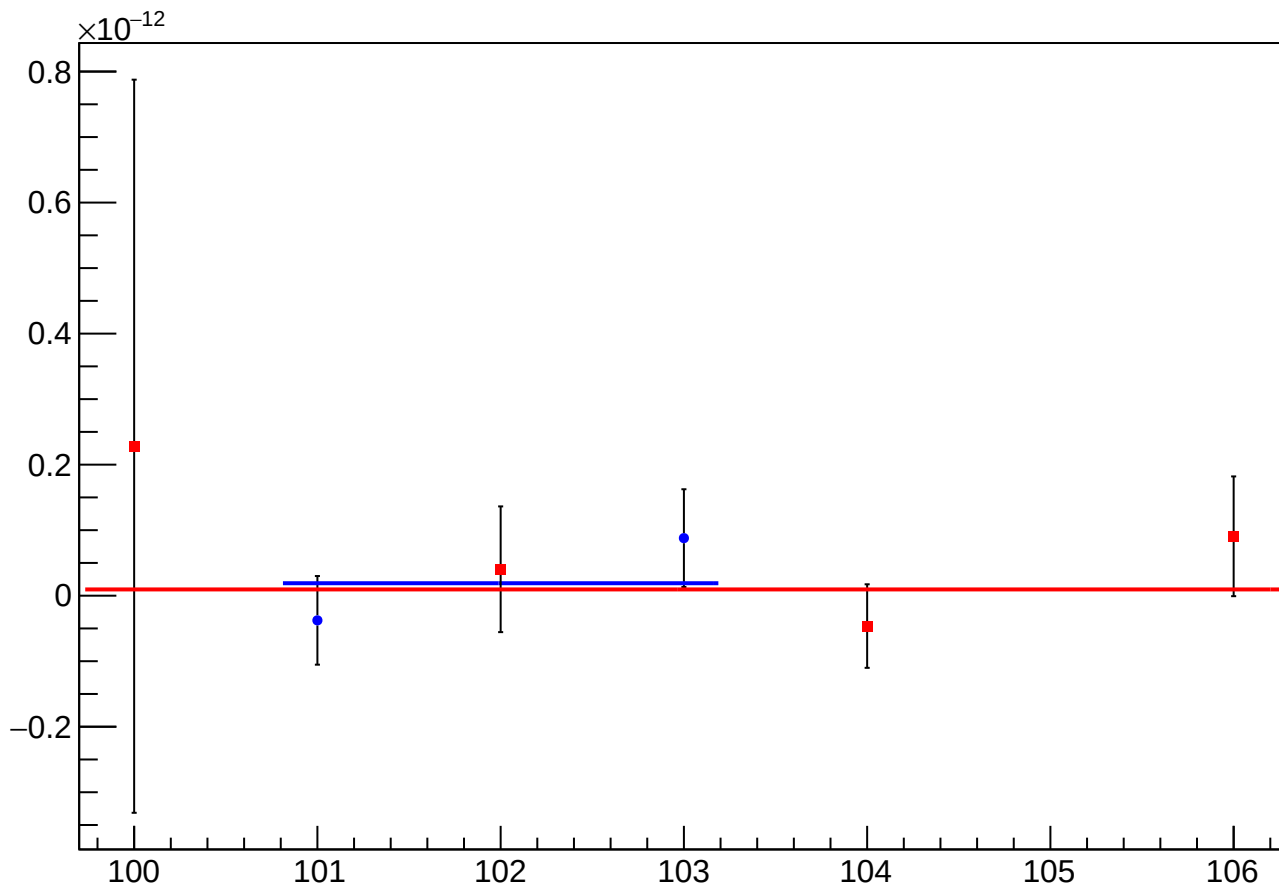
Right: 70.207 $\pm$ 0.048 χ^2 /NDF: 2441637.1/5

In: 139.799 $\pm$ 0.102 χ^2 /NDF:389857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.207 $\pm$ 0.048 χ^2 /NDF: 2441637.1/5

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

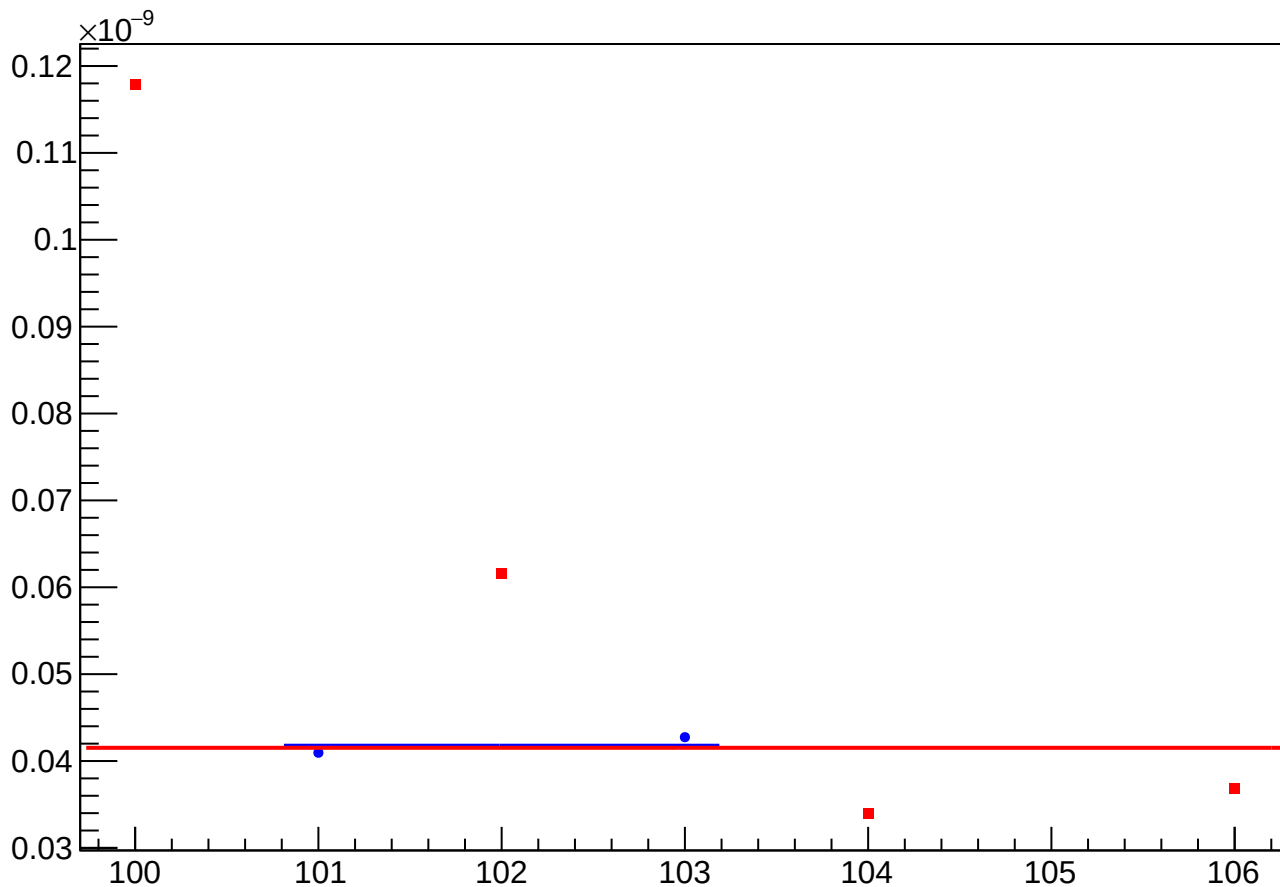
Right: 0.000+/-0.000 χ^2/NDF : 3.4/5

In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.4/5

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 632.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 158245.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

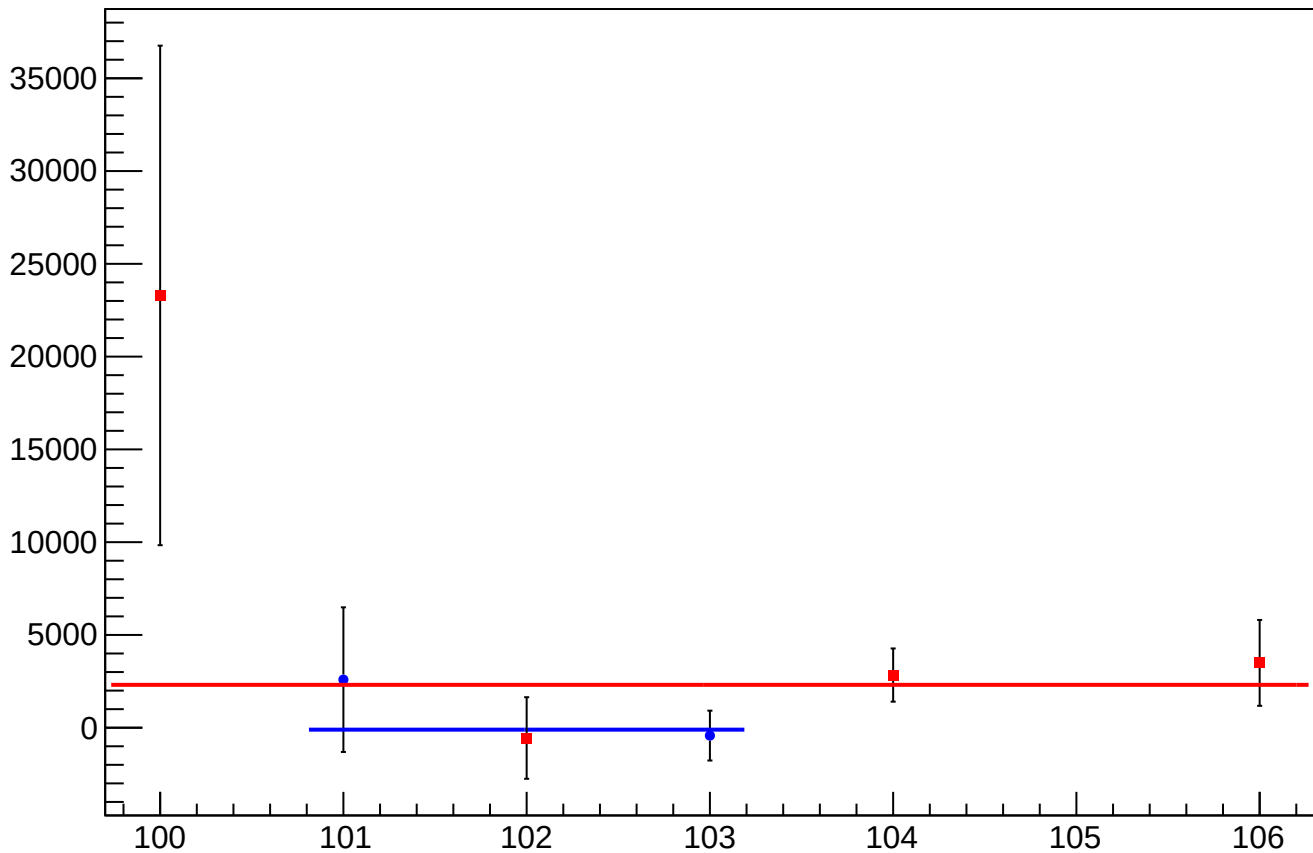
Right: 0.000+/-0.000 χ^2/NDF : 158902.5/5

In: 0.000+/-0.000 χ^2/NDF : 632.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 158902.5/5

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -104.200+/-1270.185 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.014+/-1062.661 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

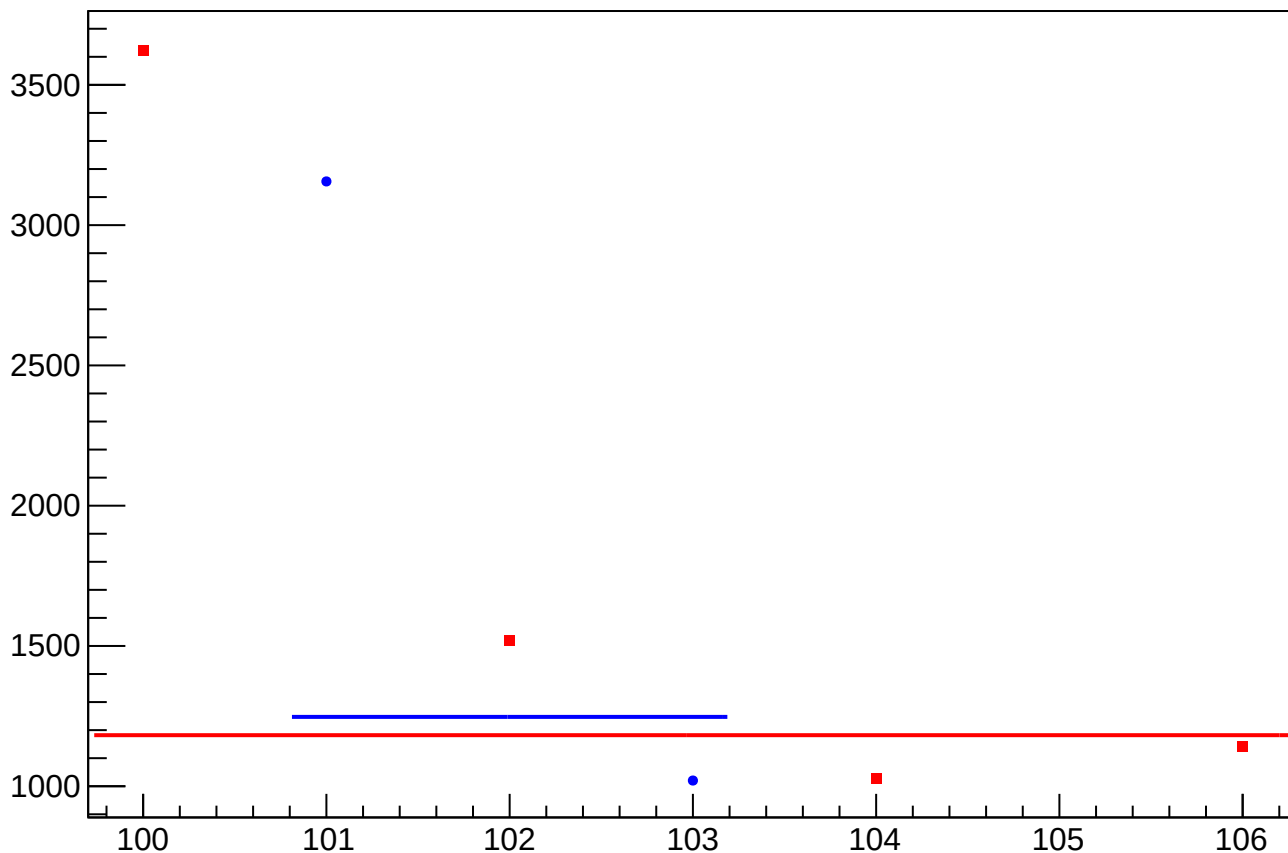
Right: 1316.572+/-815.040 χ^2/NDF : 7.2/5

In: -104.200+/-1270.185 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1316.572+/-815.040 χ^2/NDF : 7.2/5

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.195+/-0.898 χ^2/NDF : 536756.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1181.980+/-0.751 χ^2/NDF : 136955.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

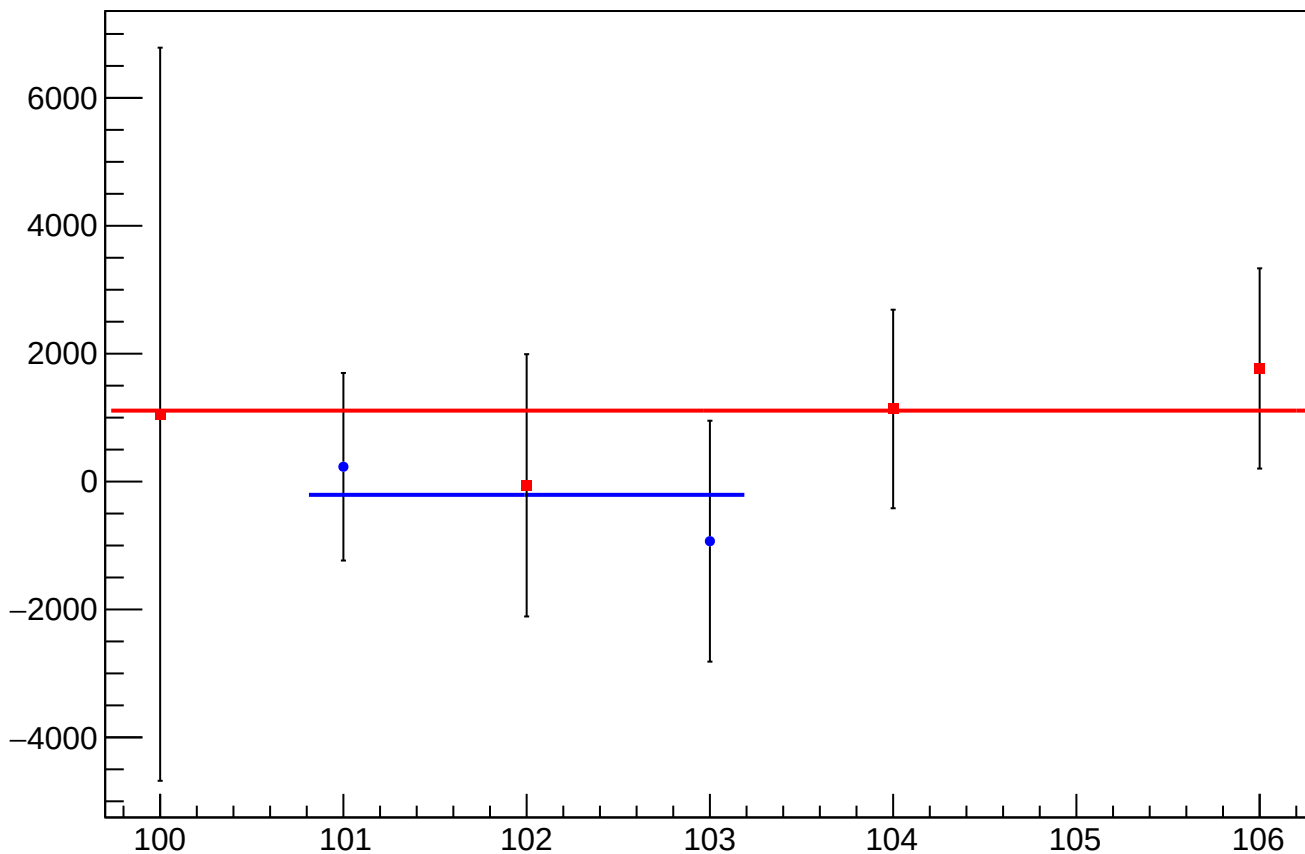
Right: 1208.832+/-0.576 χ^2/NDF : 676813.2/5

In: 1247.195+/-0.898 χ^2/NDF : 536756.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.832+/-0.576 χ^2/NDF : 676813.2/5

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -207.459+/-1157.265 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1109.656+/-957.393 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

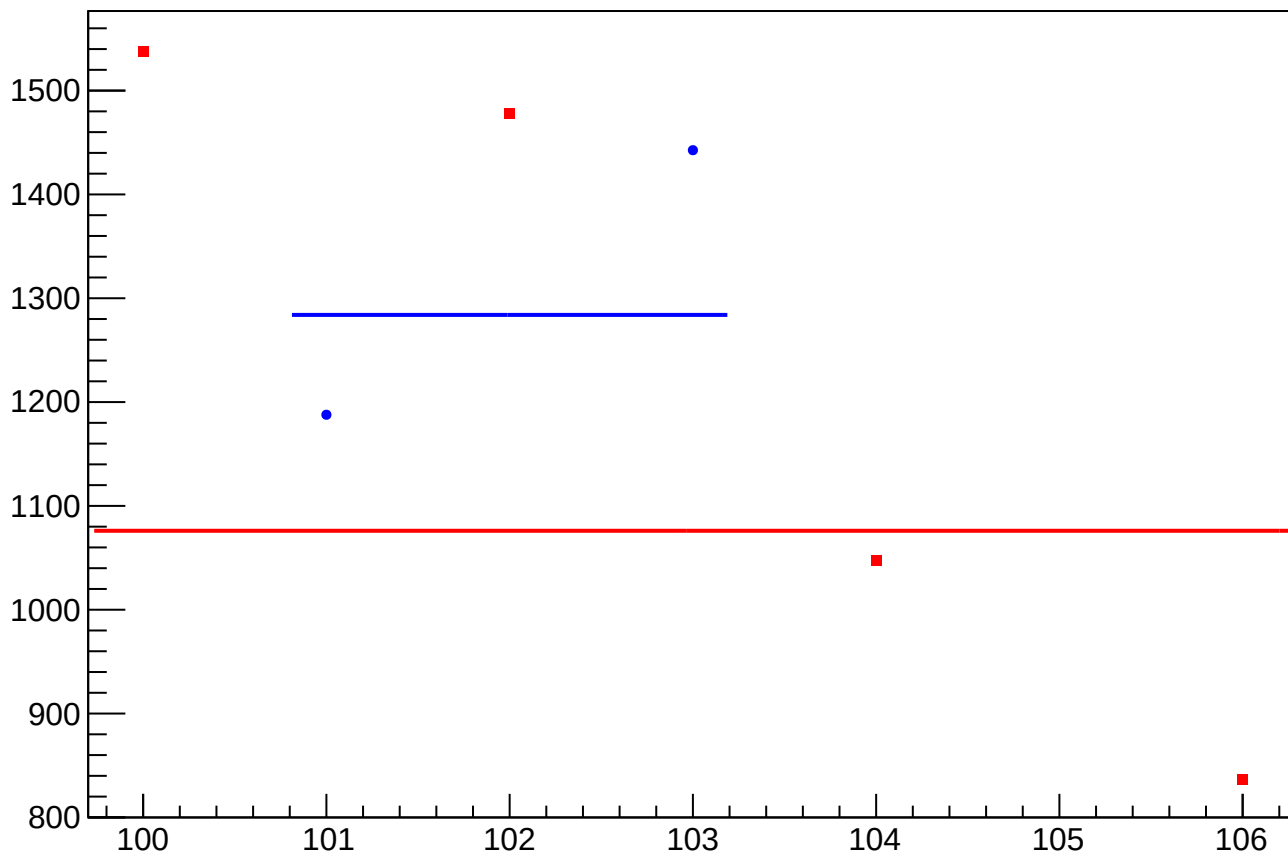
Right: 574.486+/-737.678 χ^2/NDF : 1.5/5

In: -207.459+/-1157.265 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.486+/-737.678 χ^2/NDF : 1.5/5

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1283.957+/-0.818 χ^2/NDF : 22785.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1076.040+/-0.677 χ^2/NDF : 137209.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

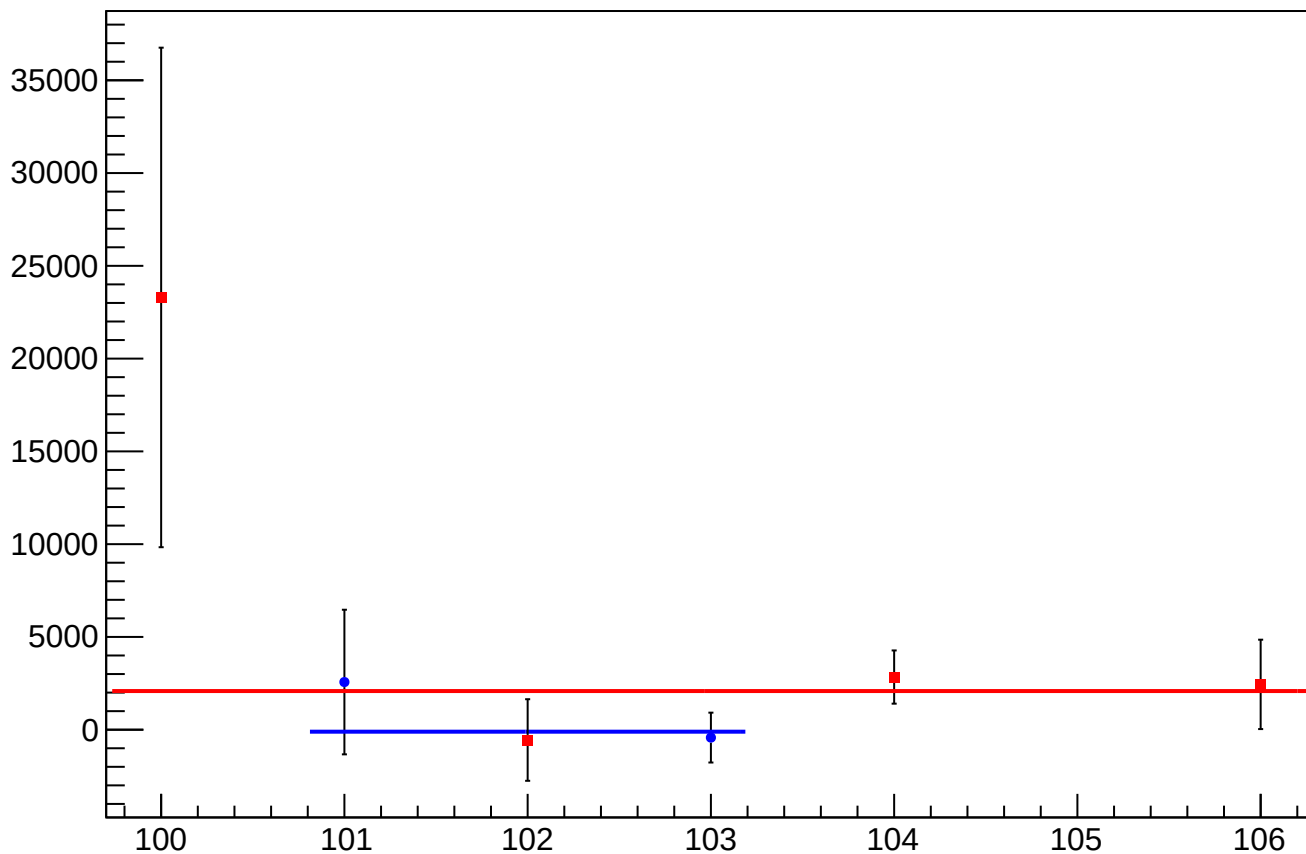
Right: 1160.521+/-0.522 χ^2/NDF : 198321.4/5

In: 1283.957+/-0.818 χ^2/NDF : 22785.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.521+/-0.522 χ^2/NDF : 198321.4/5

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.449+/-1071.411 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

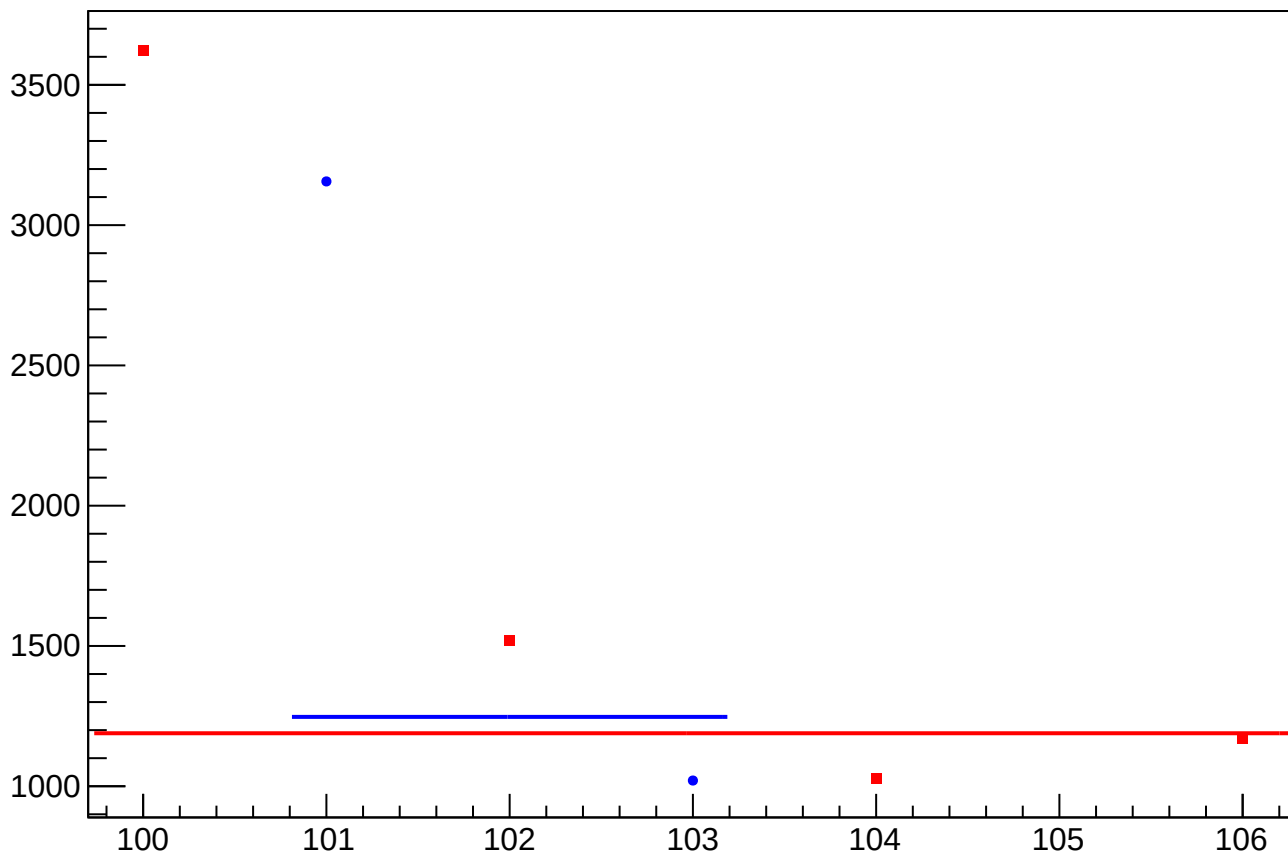
Right: 1173.028+/-818.969 χ^2/NDF : 6.5/5

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.028+/-818.969 χ^2/NDF : 6.5/5

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.872+/-0.758 χ^2/NDF : 136262.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

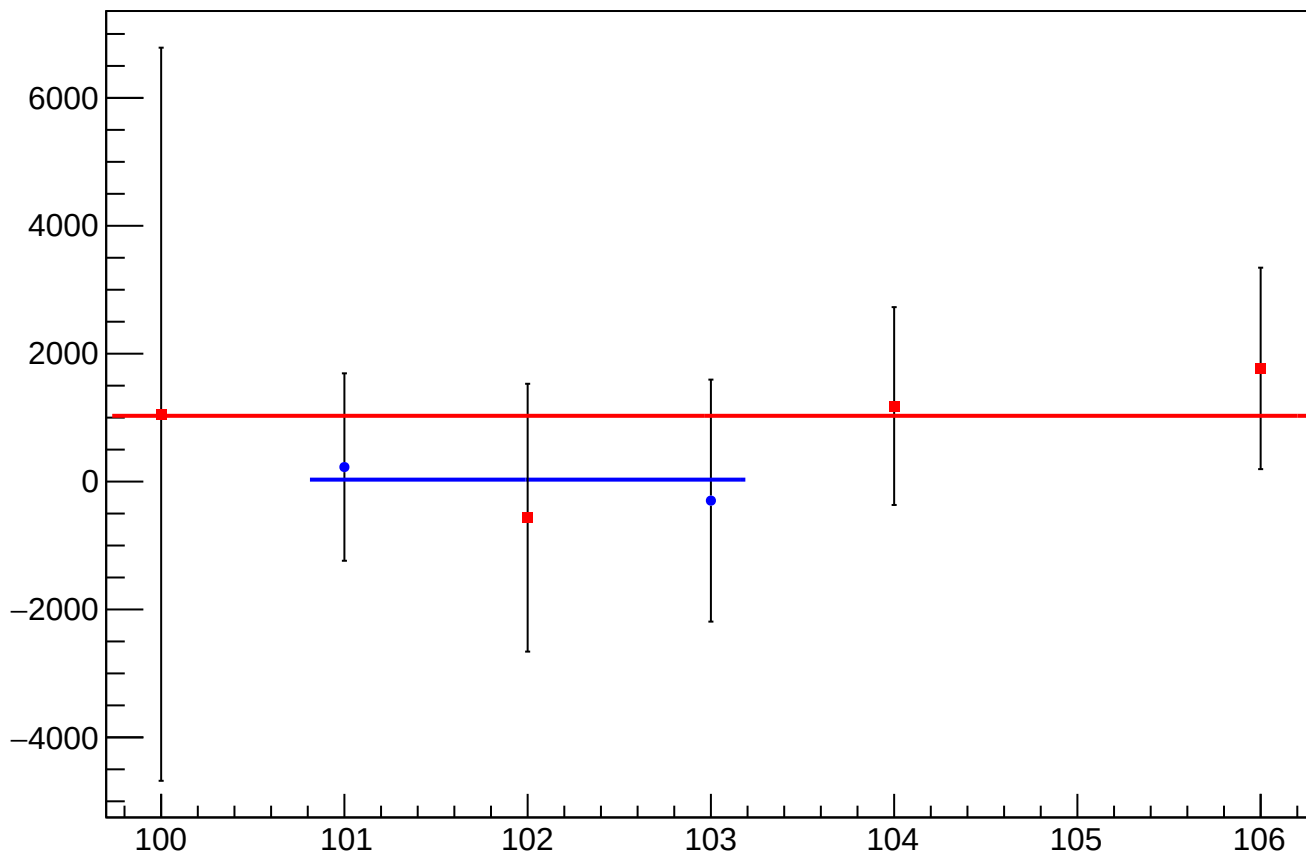
Right: 1213.117+/-0.579 χ^2/NDF : 675484.6/5

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.117+/-0.579 χ^2/NDF : 675484.6/5

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.467+/-962.546 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

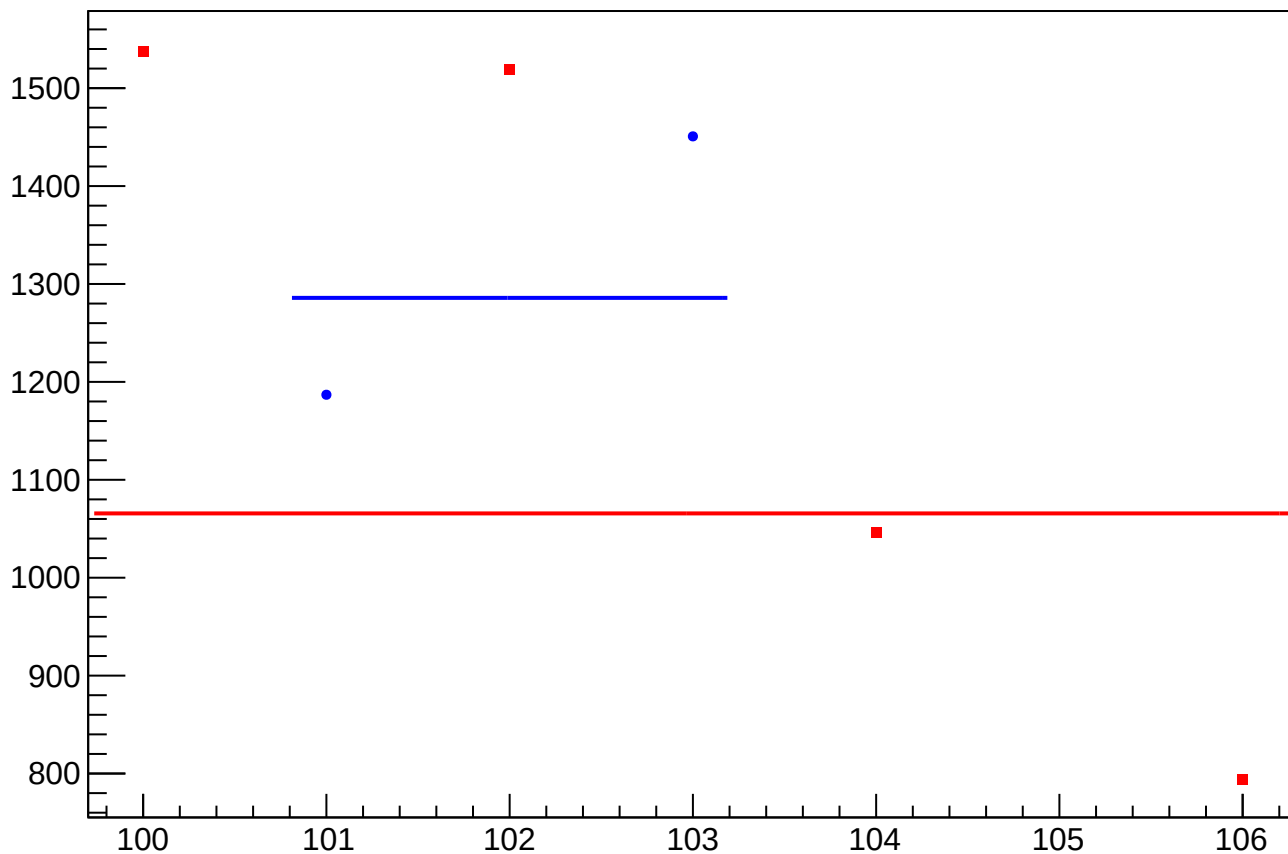
Right: 620.900+/-740.388 χ^2/NDF : 1.3/5

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.900+/-740.388 χ^2/NDF : 1.3/5

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1065.675+/-0.681 χ^2/NDF : 167091.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

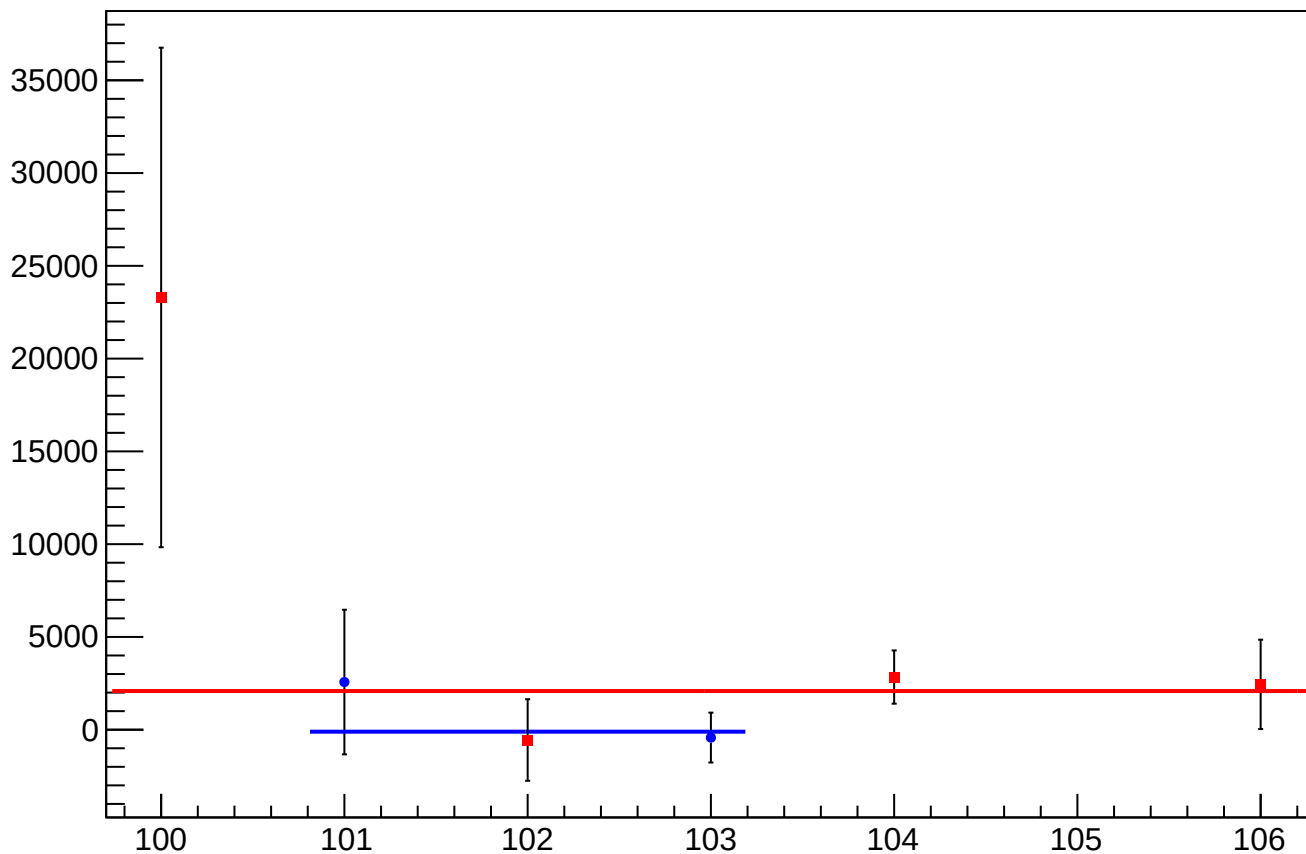
Right: 1155.565+/-0.524 χ^2/NDF : 234122.2/5

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.565+/-0.524 χ^2/NDF : 234122.2/5

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.449+/-1071.411 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

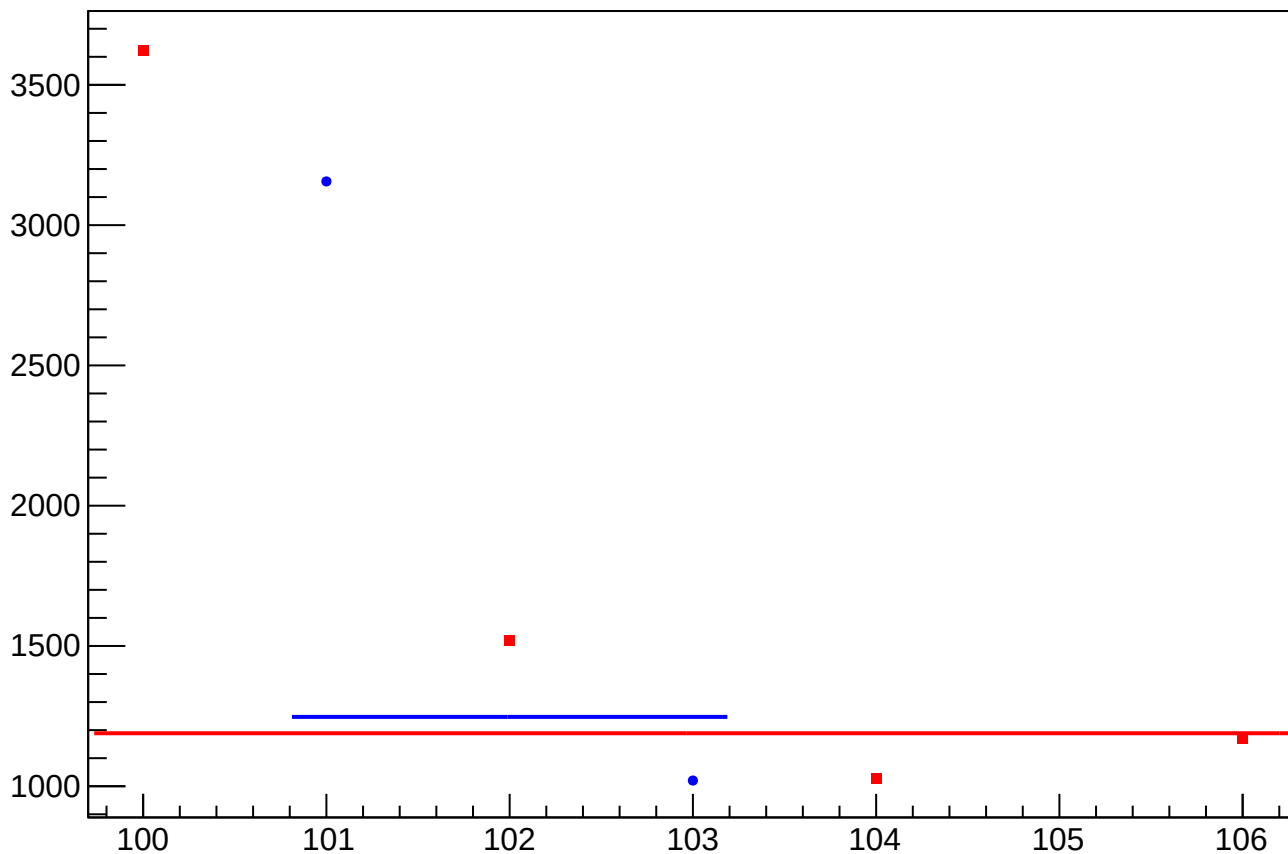
Right: 1173.028+/-818.969 χ^2/NDF : 6.5/5

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1173.028+/-818.969 χ^2/NDF : 6.5/5

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1188.872+/-0.758 χ^2/NDF : 136262.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

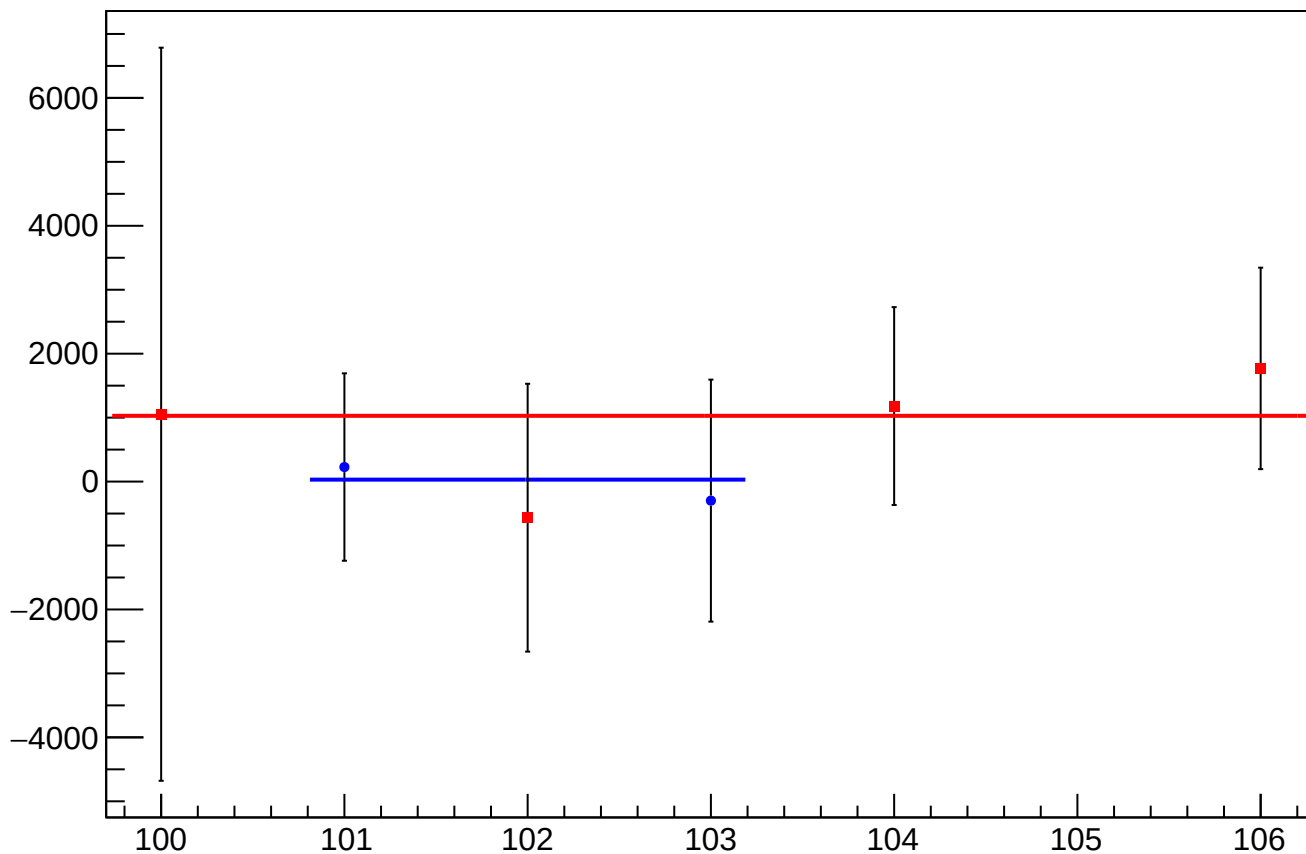
Right: 1213.117+/-0.579 χ^2/NDF : 675484.6/5

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.117+/-0.579 χ^2/NDF : 675484.6/5

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.467+/-962.546 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

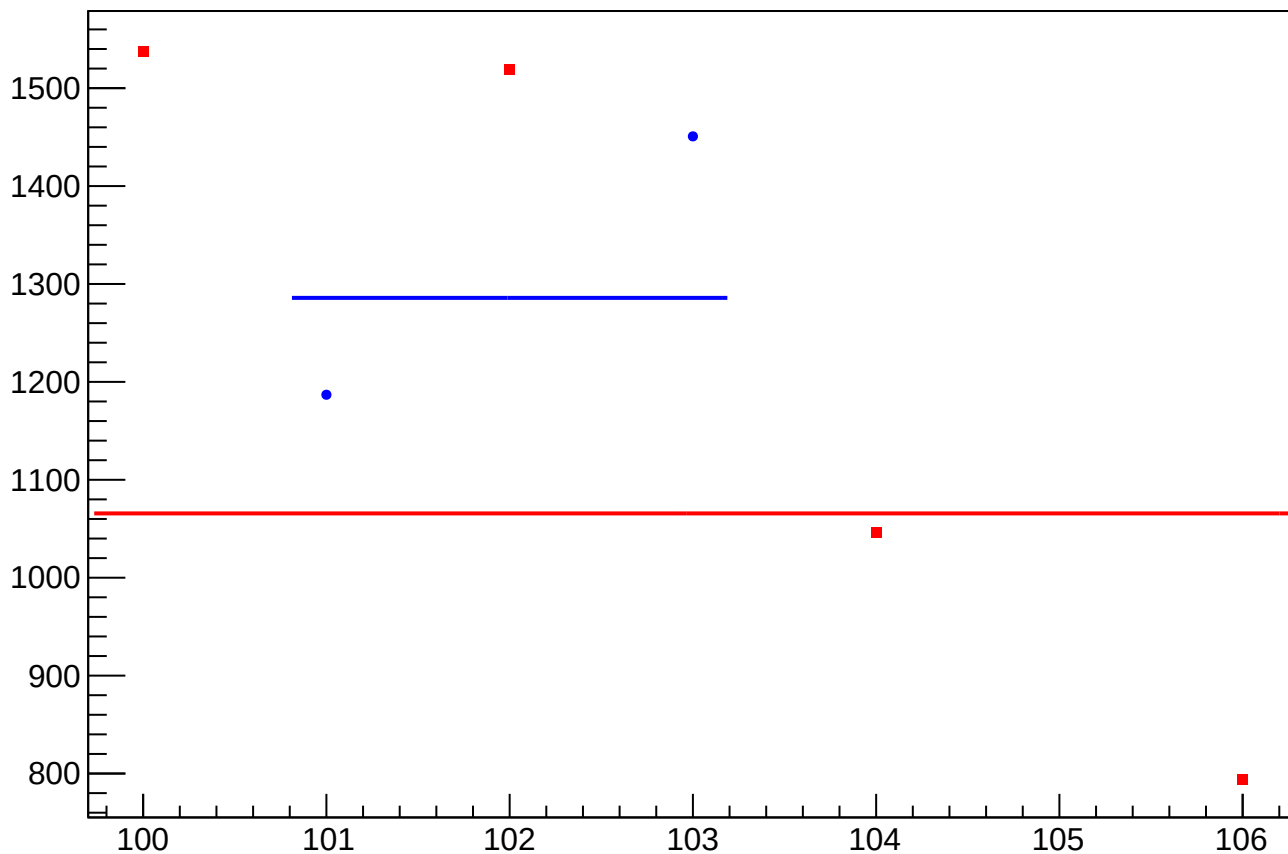
Right: 620.900+/-740.388 χ^2/NDF : 1.3/5

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.900+/-740.388 χ^2/NDF : 1.3/5

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1065.675+/-0.681 χ^2/NDF : 167091.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

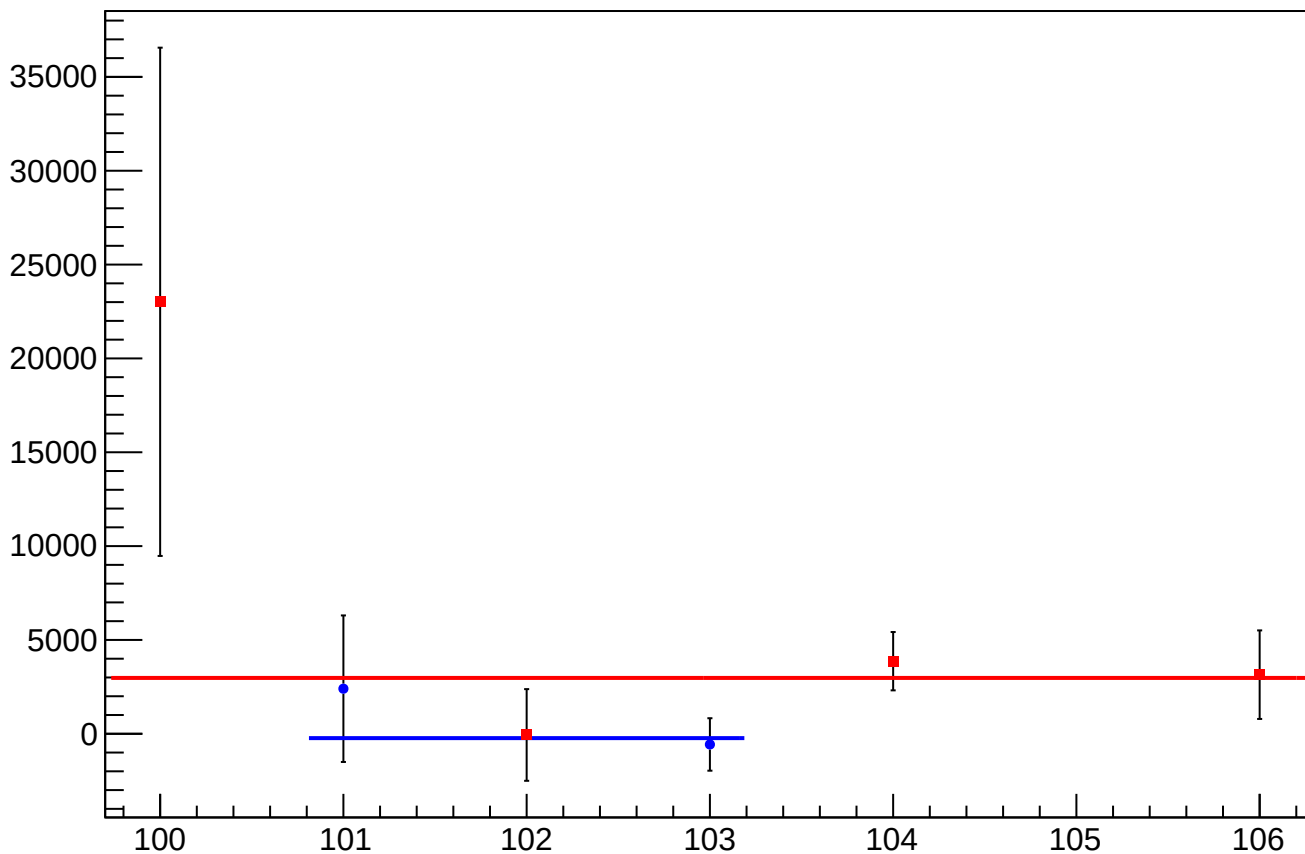
Right: 1155.565+/-0.524 χ^2/NDF : 234122.2/5

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1155.565+/-0.524 χ^2/NDF : 234122.2/5

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -231.286+/-1316.131 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2976.023+/-1141.960 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

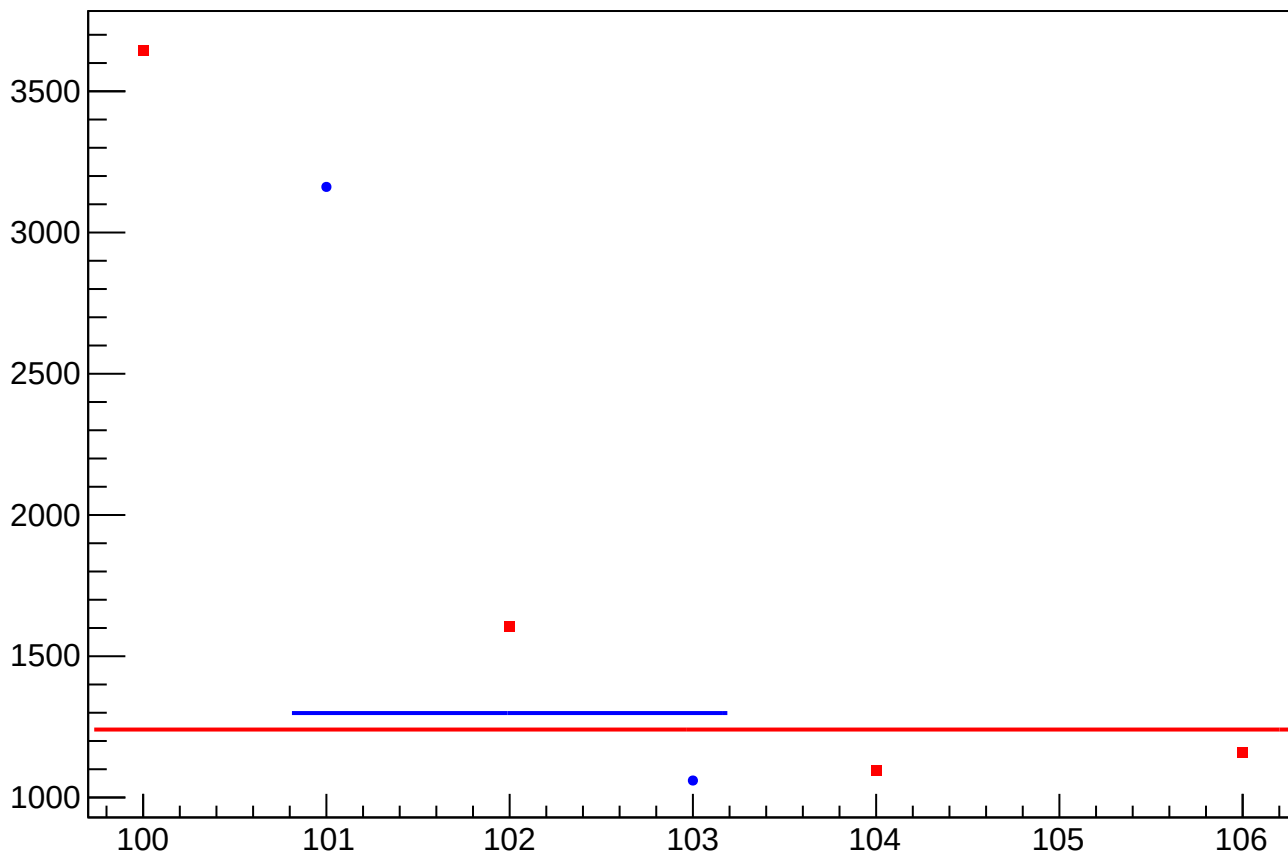
Right: 1598.492+/-862.541 χ^2/NDF : 8.0/5

In: -231.286+/-1316.131 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.492+/-862.541 χ^2/NDF : 8.0/5

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.882 $\pm$ 0.931 χ^2 /NDF: 513611.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1240.517 $\pm$ 0.807 χ^2 /NDF: 127670.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

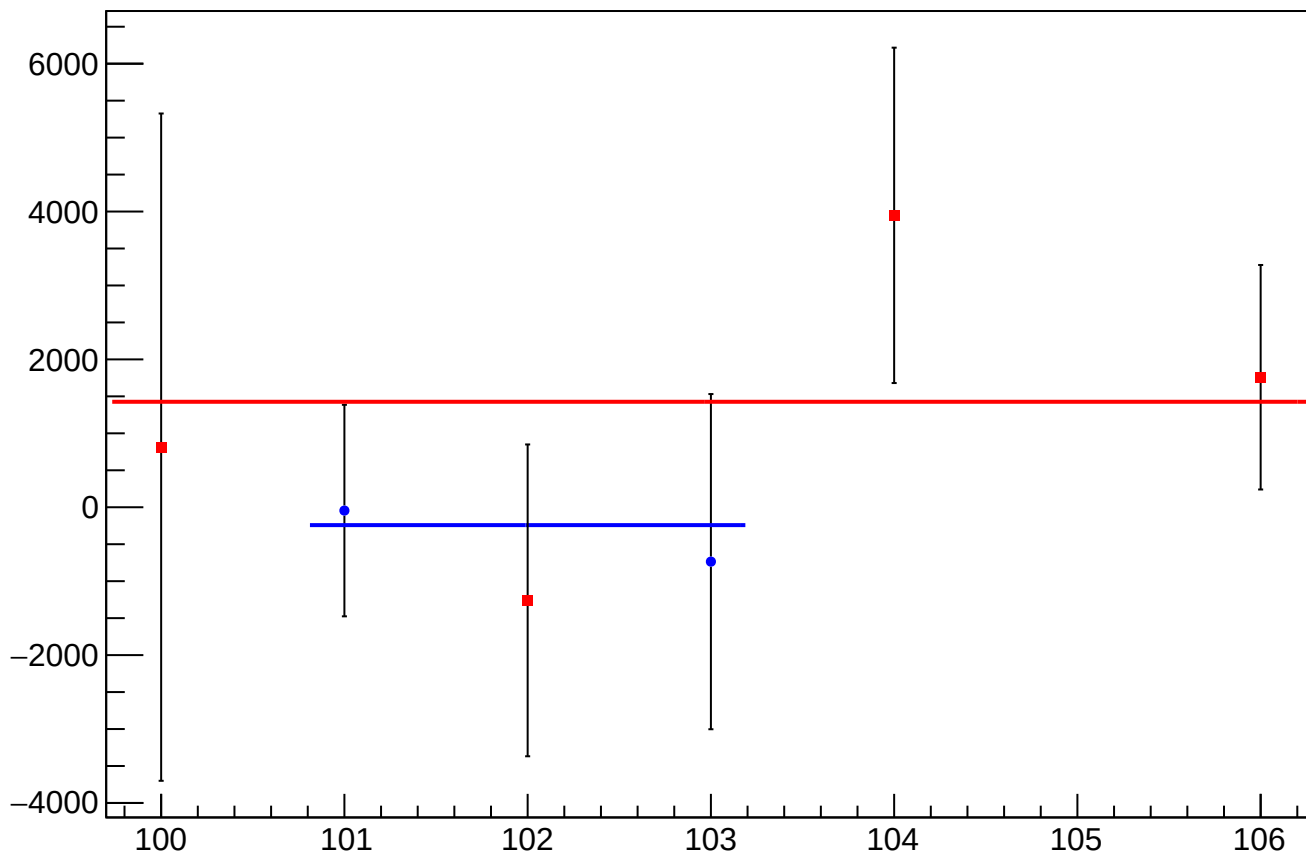
Right: 1265.585 $\pm$ 0.610 χ^2 /NDF: 643525.8/5

In: 1298.882 $\pm$ 0.931 χ^2 /NDF: 513611.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1265.585 $\pm$ 0.610 χ^2 /NDF: 643525.8/5

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.673+/-1209.904 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.719+/-1052.912 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

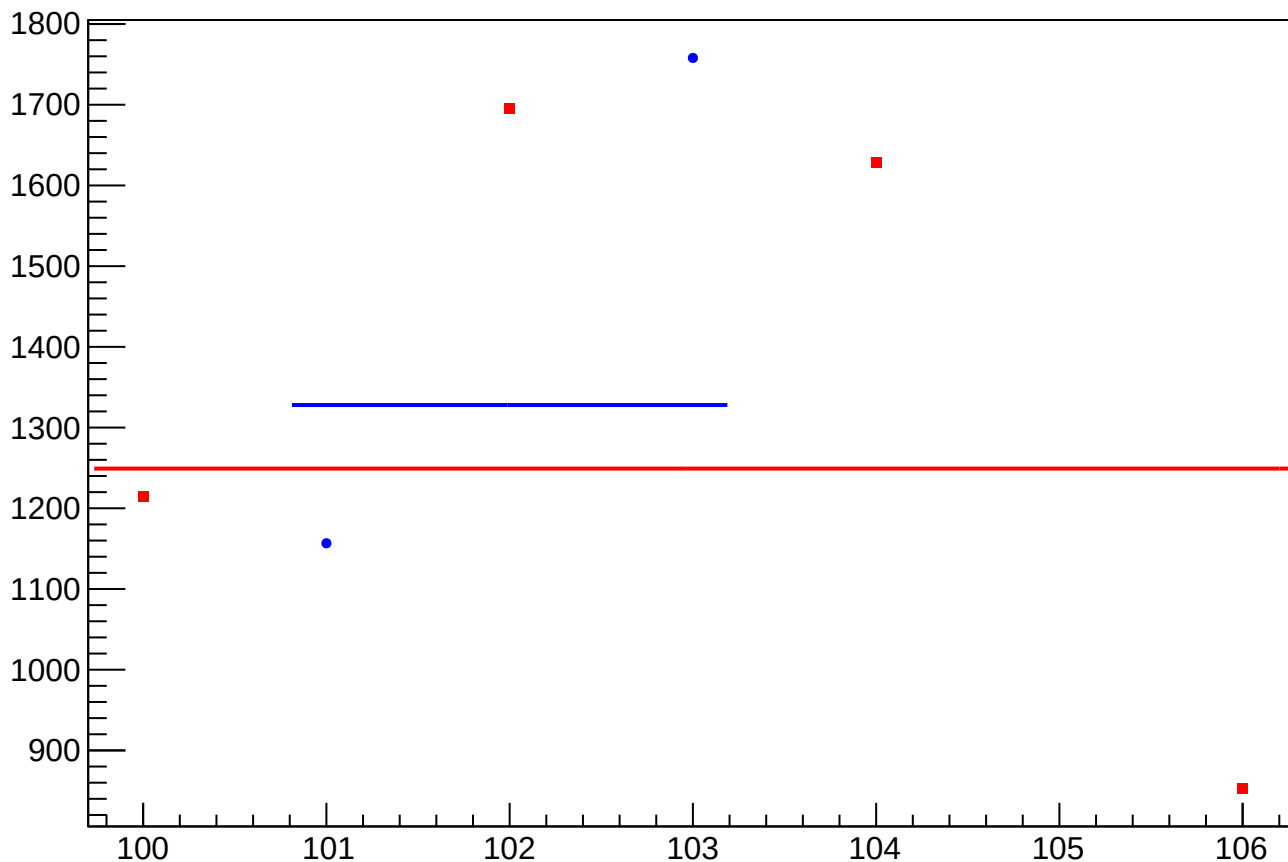
Right: 707.720+/-794.266 χ^2/NDF : 4.1/5

In: -241.673+/-1209.904 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.720+/-794.266 χ^2/NDF : 4.1/5

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1327.924+/-0.856 χ^2/NDF : 100620.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1249.193+/-0.745 χ^2/NDF : 281935.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

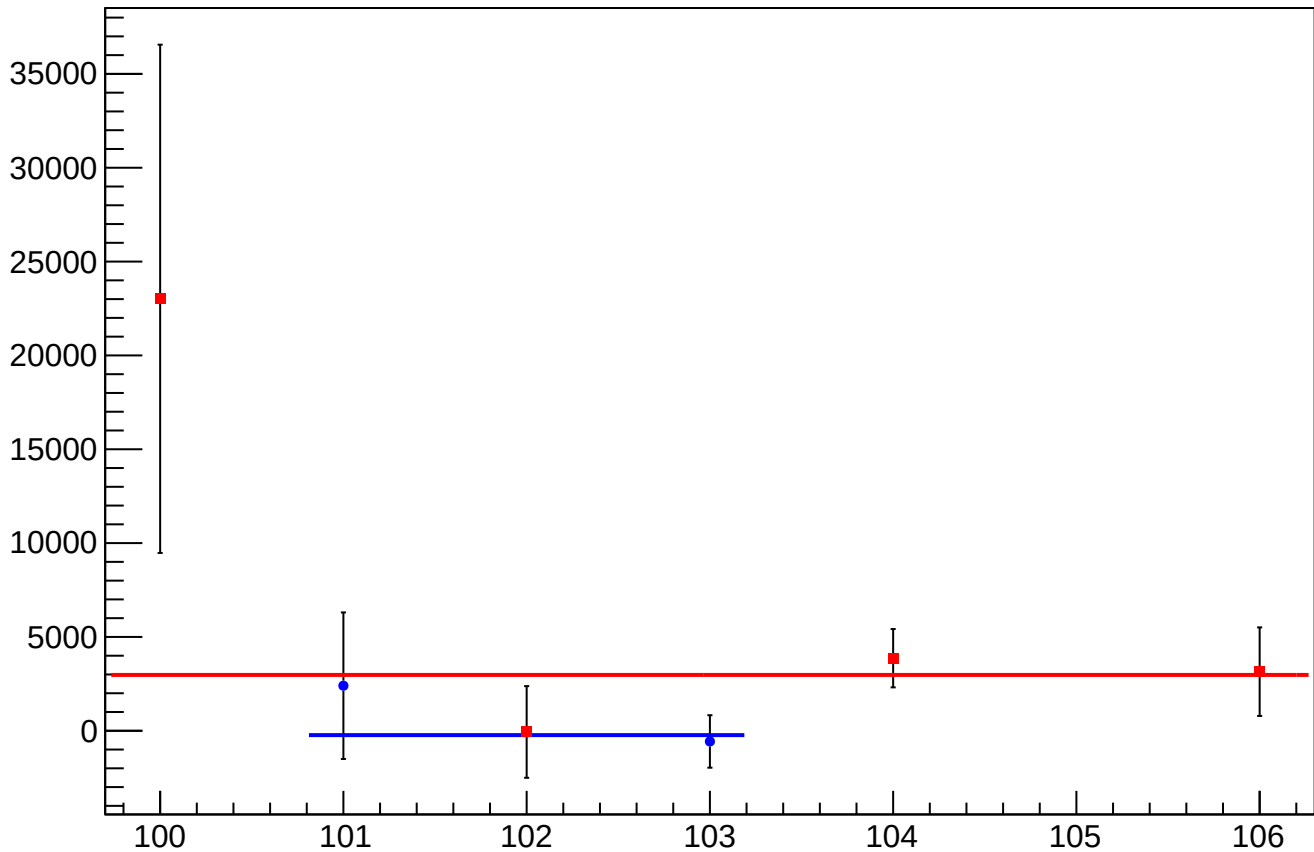
Right: 1283.123+/-0.562 χ^2/NDF : 387375.7/5

In: 1327.924+/-0.856 χ^2/NDF : 100620.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.123+/-0.562 χ^2/NDF : 387375.7/5

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: -231.282+/-1316.132 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2976.033+/-1141.960 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

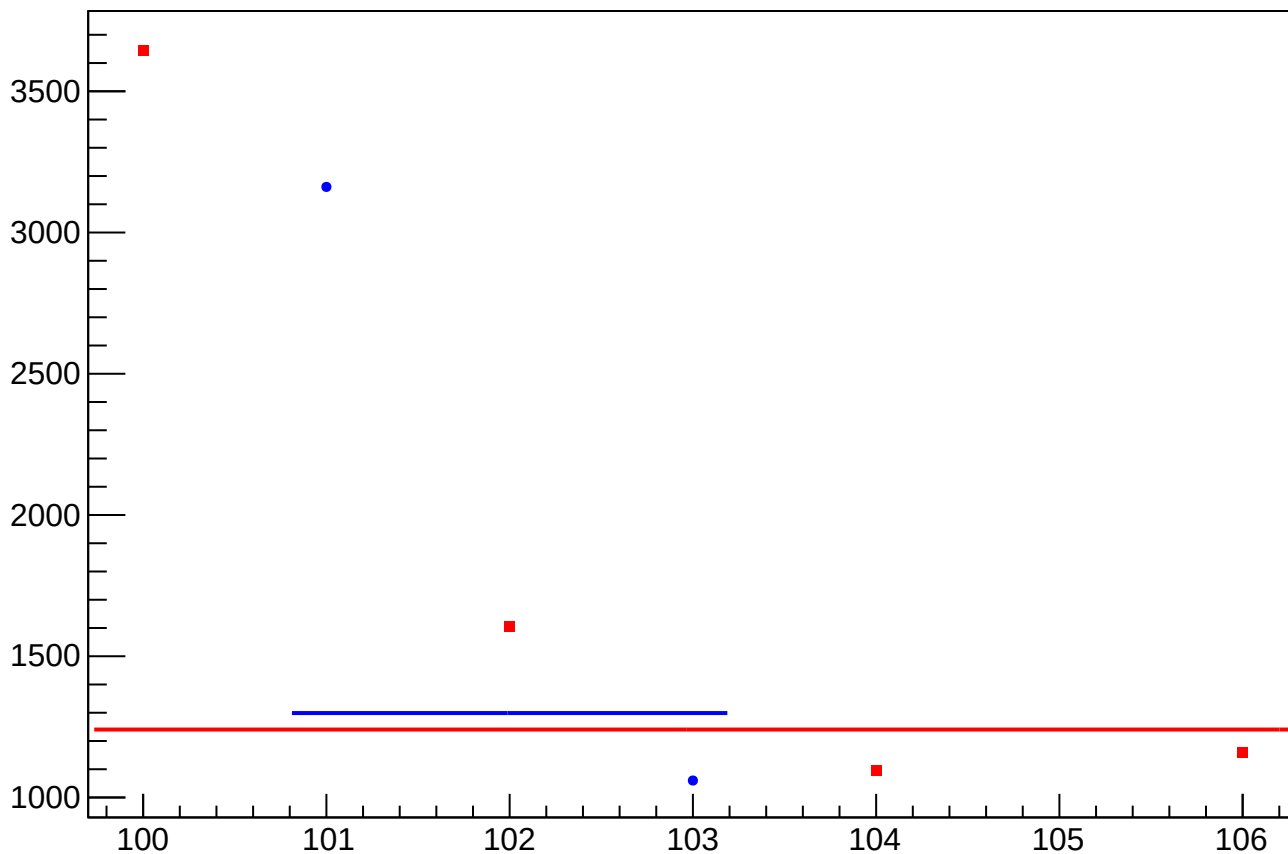
Right: 1598.499+/-862.541 χ^2/NDF : 8.0/5

In: -231.282+/-1316.132 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.499+/-862.541 χ^2/NDF : 8.0/5

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1240.518+/-0.807 χ^2/NDF : 127670.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

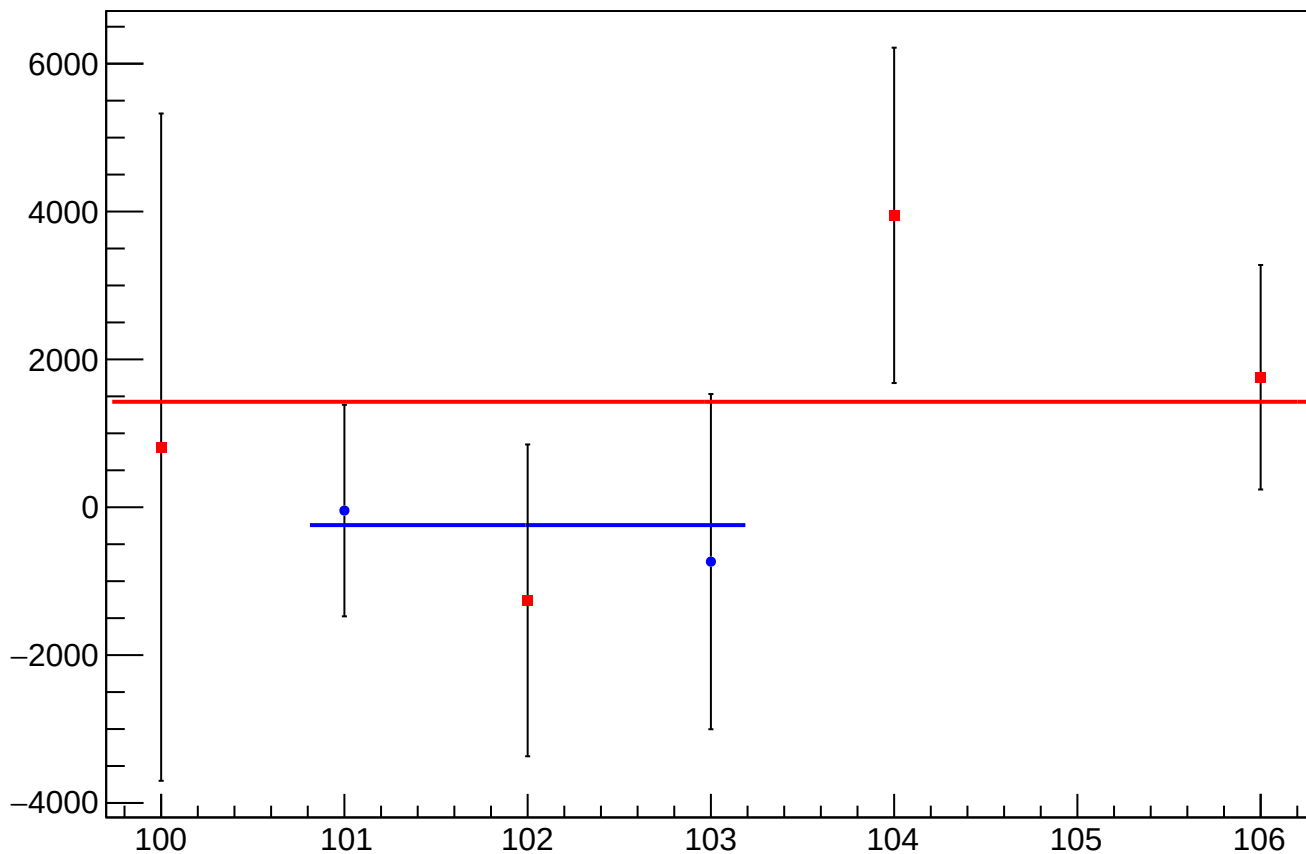
Right: 1265.585+/-0.610 χ^2/NDF : 643525.7/5

In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1265.585+/-0.610 χ^2/NDF : 643525.7/5

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -241.682+/-1209.905 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1426.726+/-1052.916 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

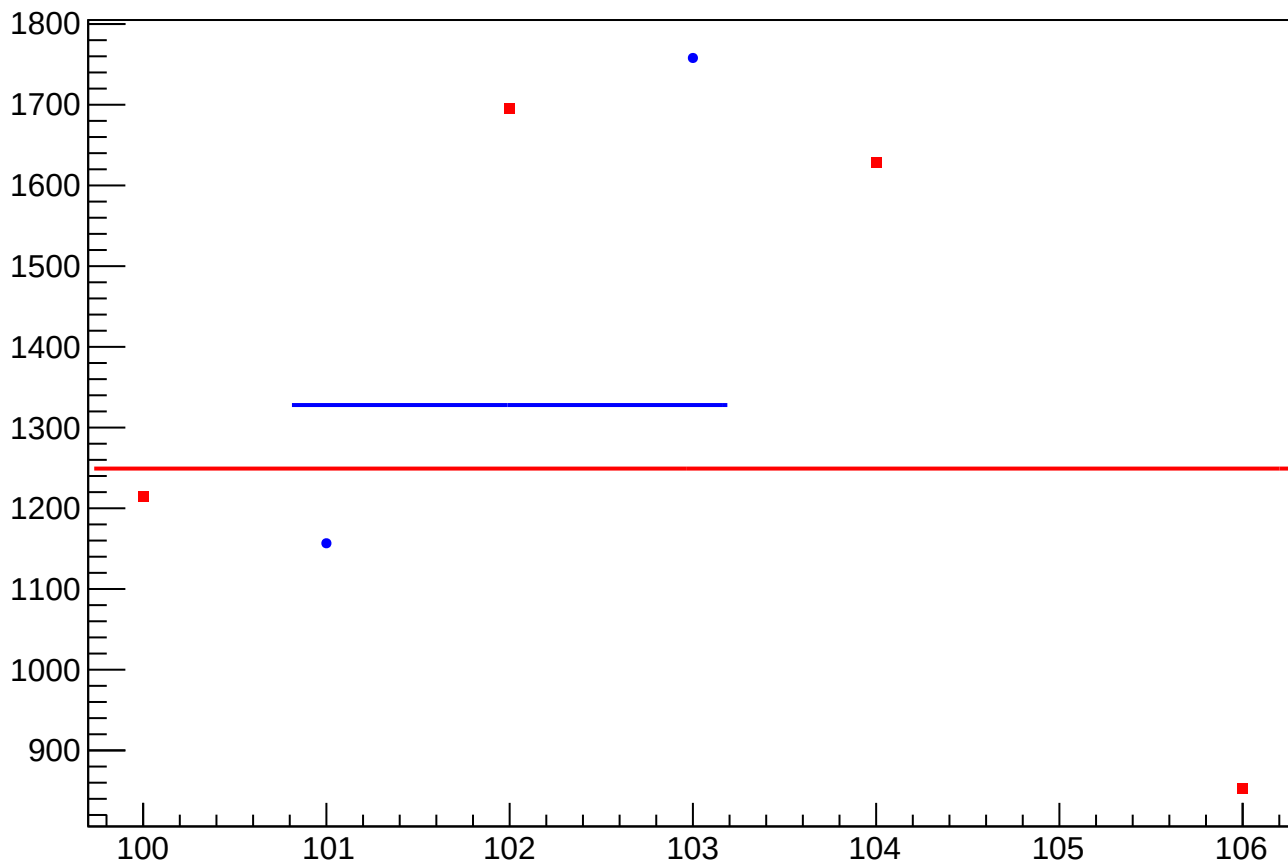
Right: 707.718+/-794.268 χ^2/NDF : 4.1/5

In: -241.682+/-1209.905 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.718+/-794.268 χ^2/NDF : 4.1/5

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1327.924+/-0.856 χ^2/NDF : 100621.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1249.199+/-0.745 χ^2/NDF : 281932.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

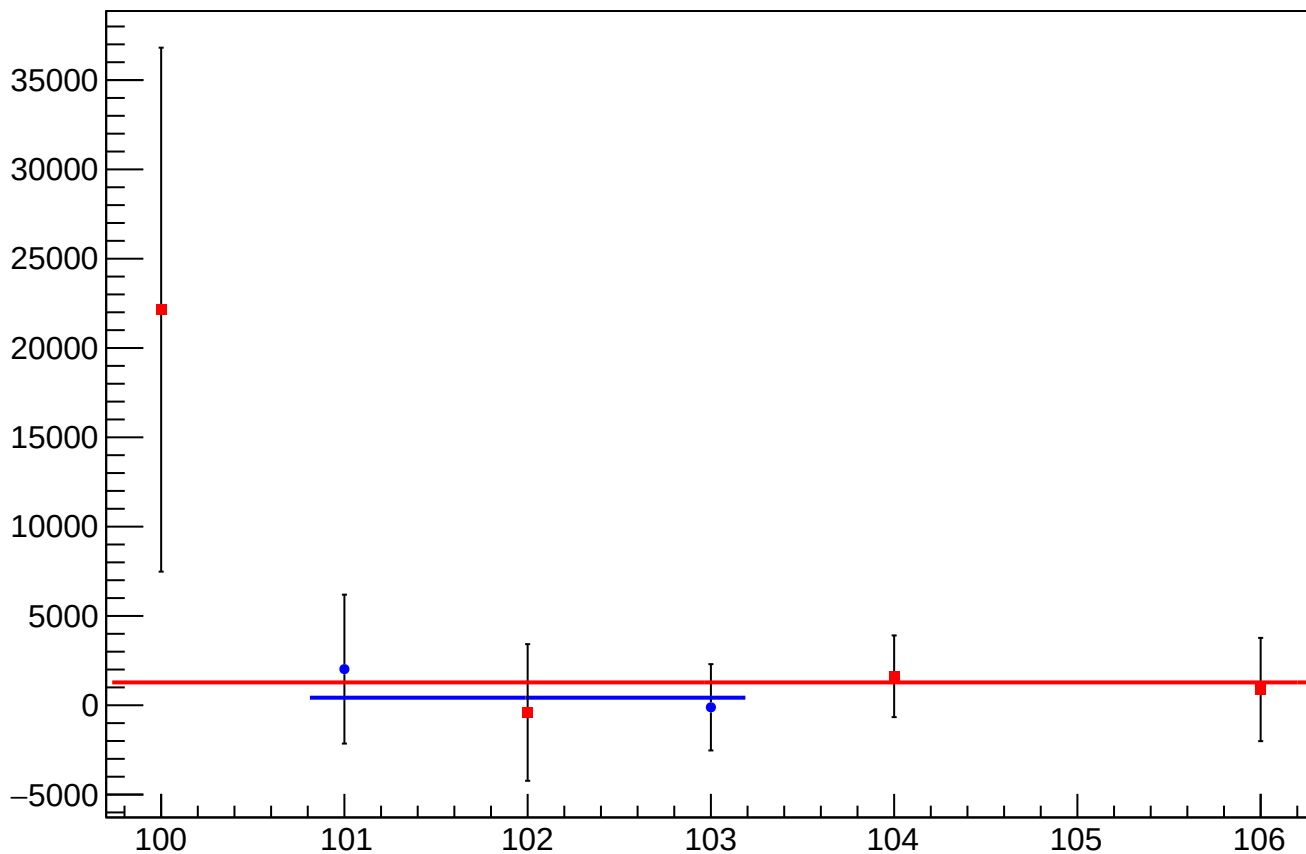
Right: 1283.126+/-0.562 χ^2/NDF : 387372.2/5

In: 1327.924+/-0.856 χ^2/NDF : 100621.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.126+/-0.562 χ^2/NDF : 387372.2/5

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 423.198+/-2090.198 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1279.195+/-1614.093 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

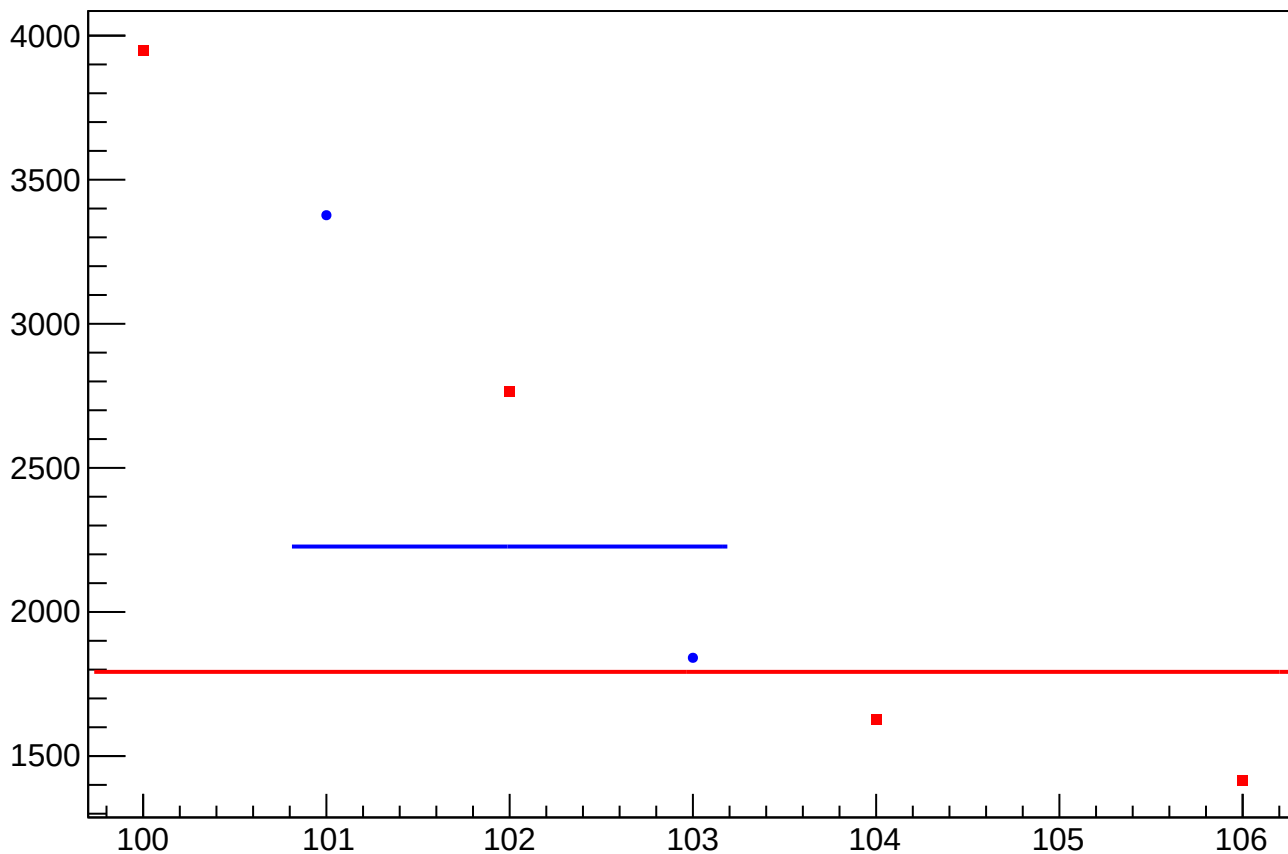
Right: 959.428+/-1277.521 χ^2/NDF : 2.6/5

In: 423.198+/-2090.198 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.428+/-1277.521 χ^2/NDF : 2.6/5

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2227.097+/-1.478 χ^2/NDF : 203204.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1792.214+/-1.141 χ^2/NDF : 216689.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

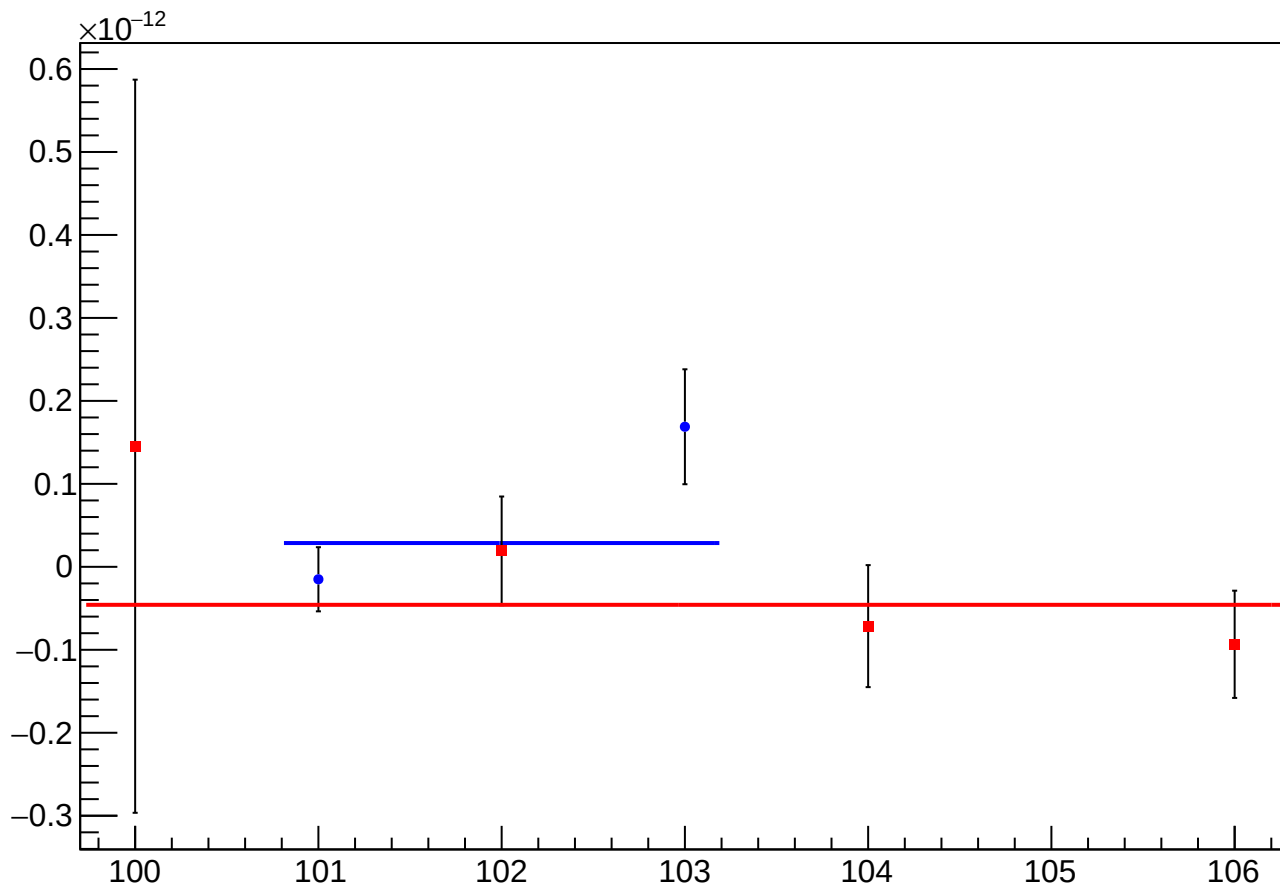
Right: 1954.667+/-0.903 χ^2/NDF : 474130.9/5

In: 2227.097+/-1.478 χ^2/NDF : 203204.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.667+/-0.903 χ^2/NDF : 474130.9/5

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

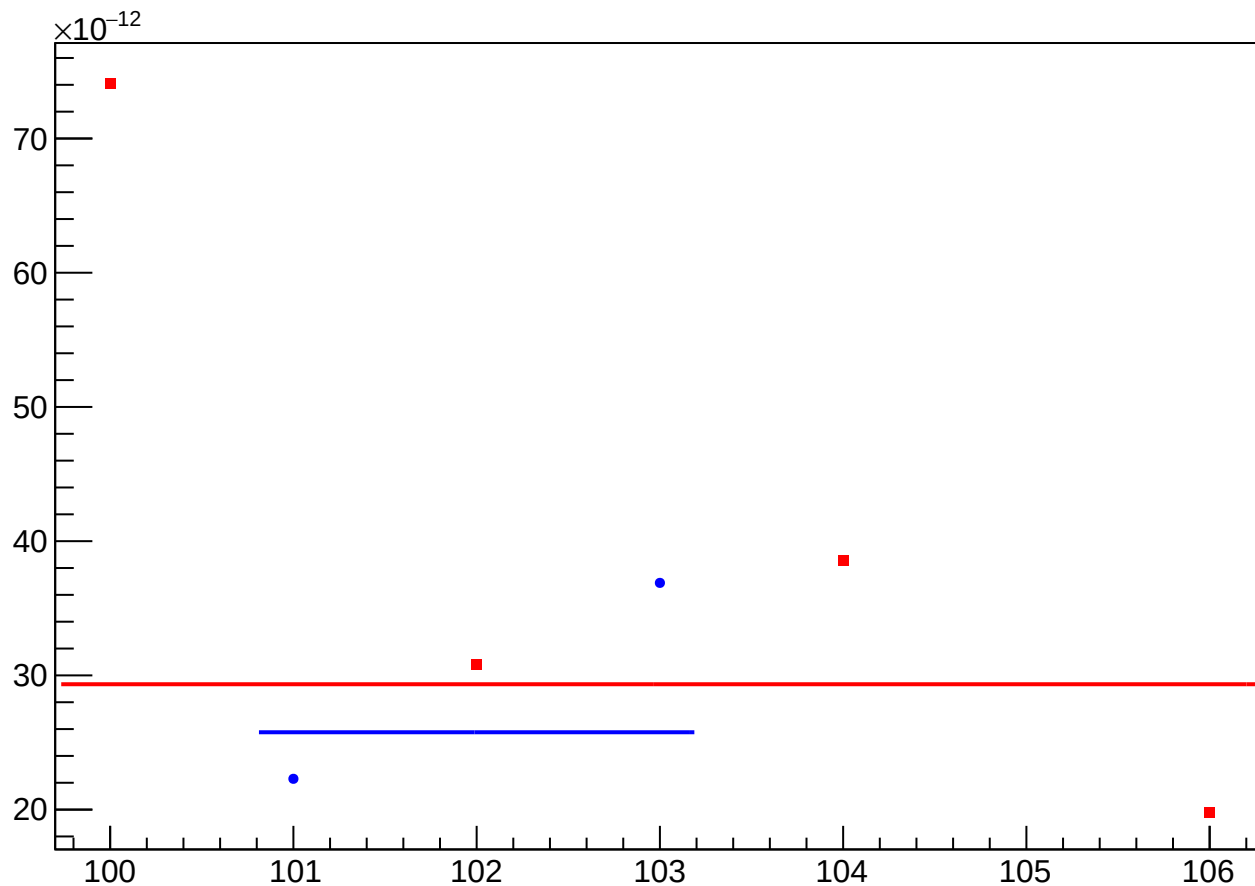
Right: -0.000+/-0.000 χ^2/NDF : 9.3/5

In: 0.000+/-0.000 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.3/5

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 67736.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 96581.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

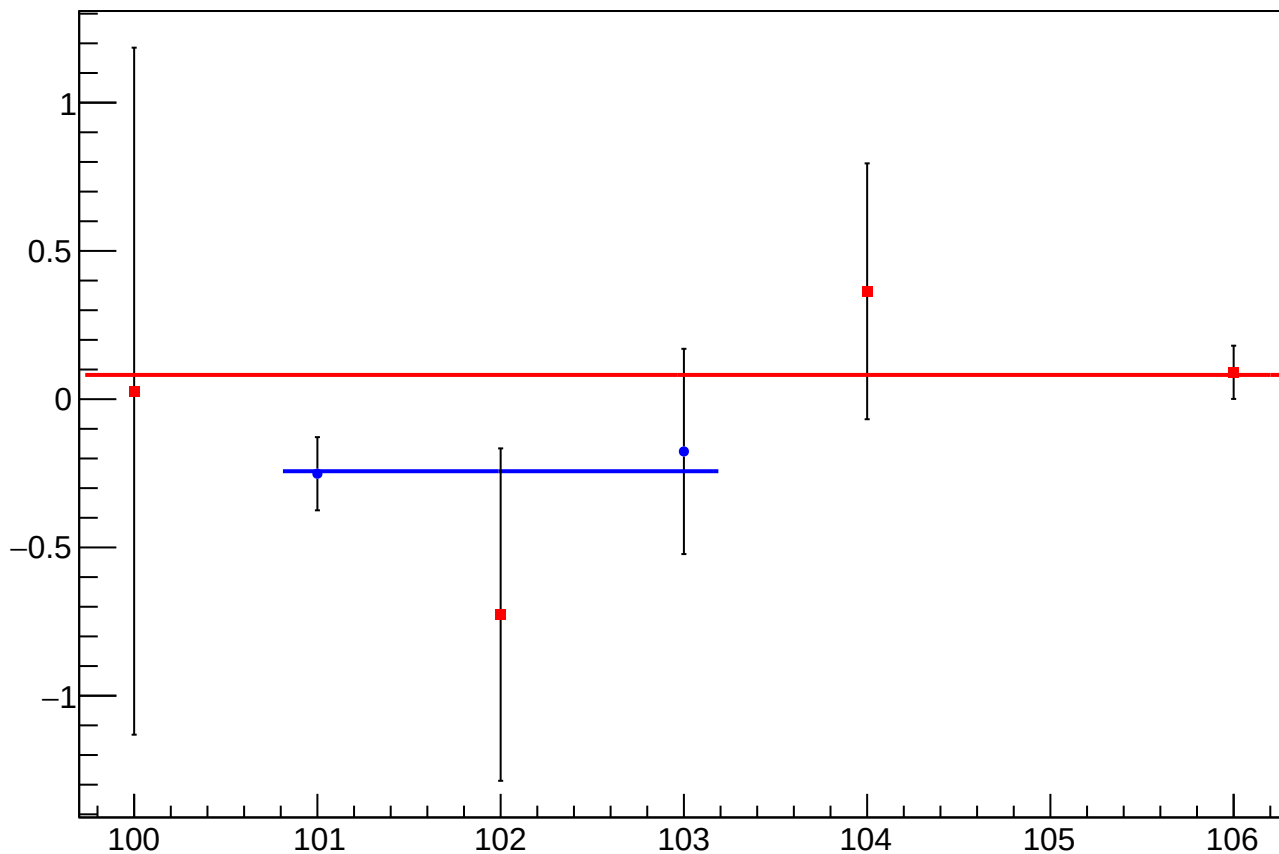
Right: 0.000+/-0.000 χ^2/NDF : 173984.5/5

In: 0.000+/-0.000 χ^2/NDF : 67736.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 173984.5/5

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.082 ± 0.087 $\chi^2/\text{NDF}: 2.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

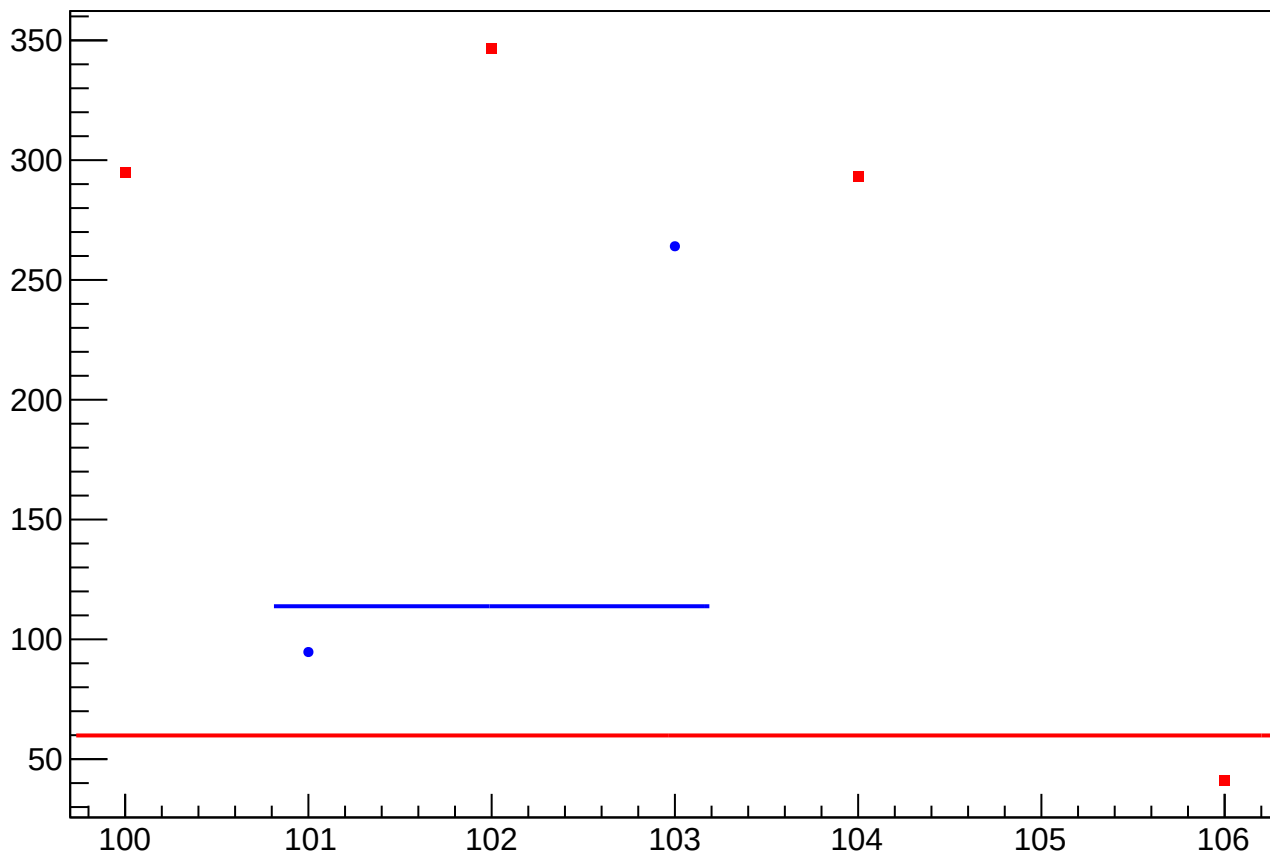
Right: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.811+/-0.082 χ^2/NDF : 424853.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 59.880+/-0.061 χ^2/NDF : 1277795.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

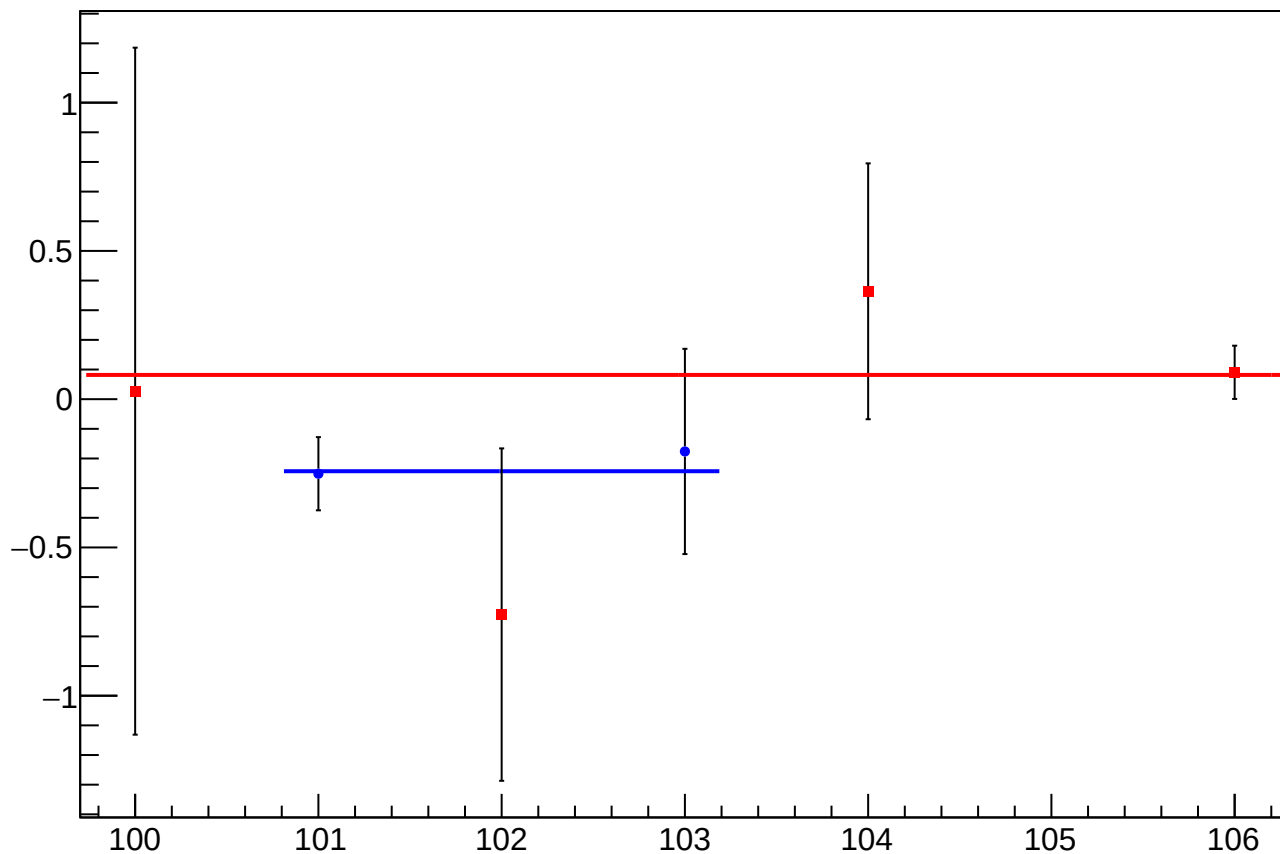
Right: 79.121+/-0.049 χ^2/NDF : 1979511.4/5

In: 113.811+/-0.082 χ^2/NDF :424853.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 79.121+/-0.049 χ^2/NDF : 1979511.4/5

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.082 ± 0.087 $\chi^2/\text{NDF}: 2.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

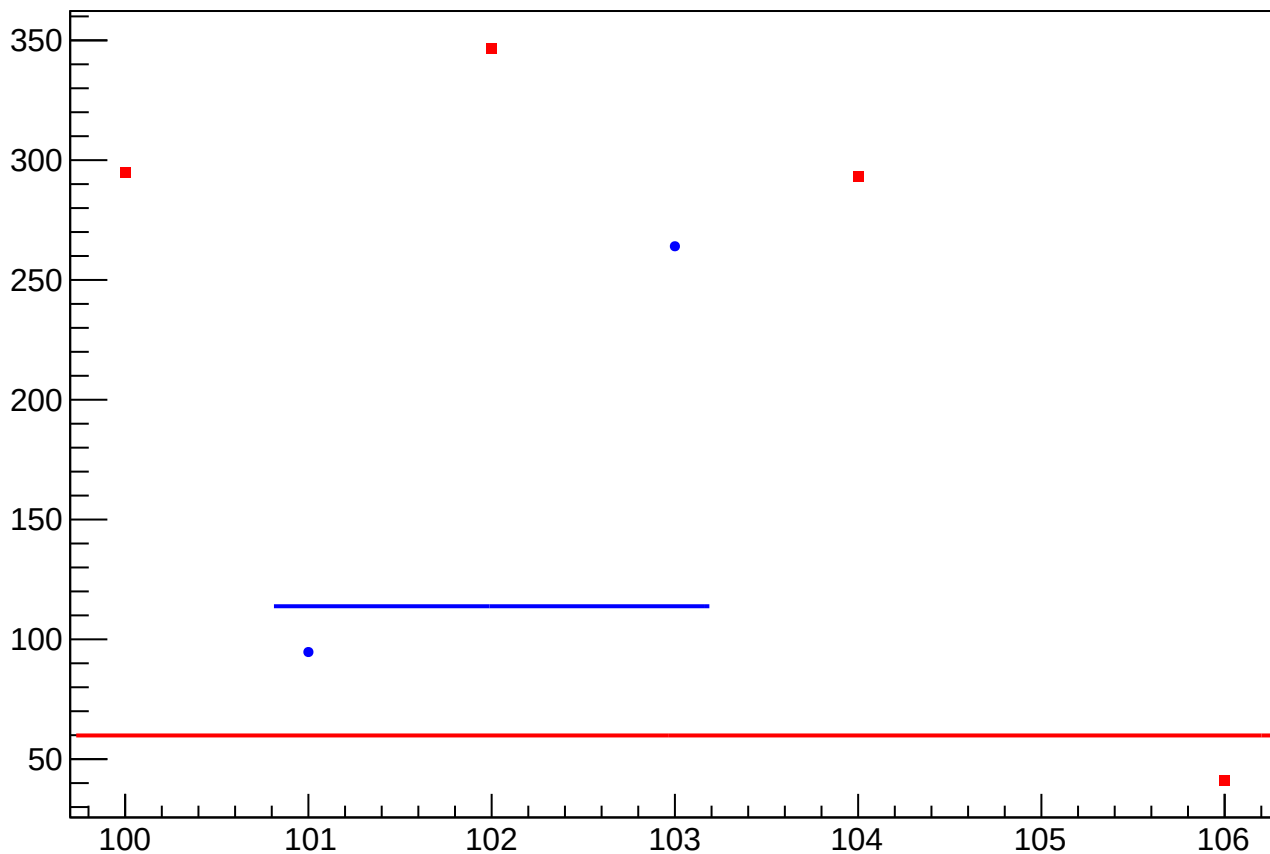
Right: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.811 $\pm$ 0.082 χ^2 /NDF: 424853.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.880 $\pm$ 0.061 χ^2 /NDF: 1277795.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

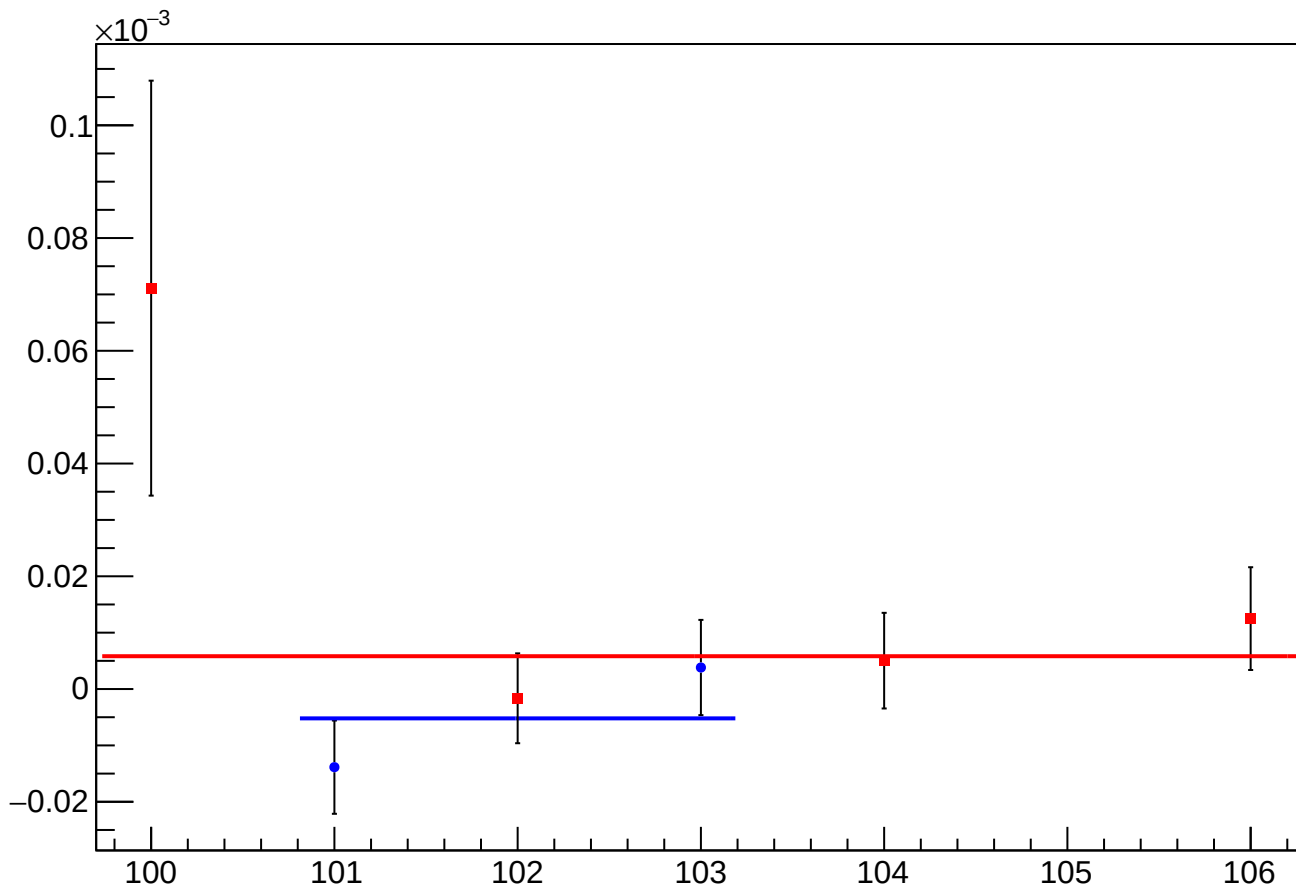
Right: 79.121 $\pm$ 0.049 χ^2 /NDF: 1979511.4/5

In: 113.811 $\pm$ 0.082 χ^2 /NDF:424853.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.121 $\pm$ 0.049 χ^2 /NDF: 1979511.4/5

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 : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

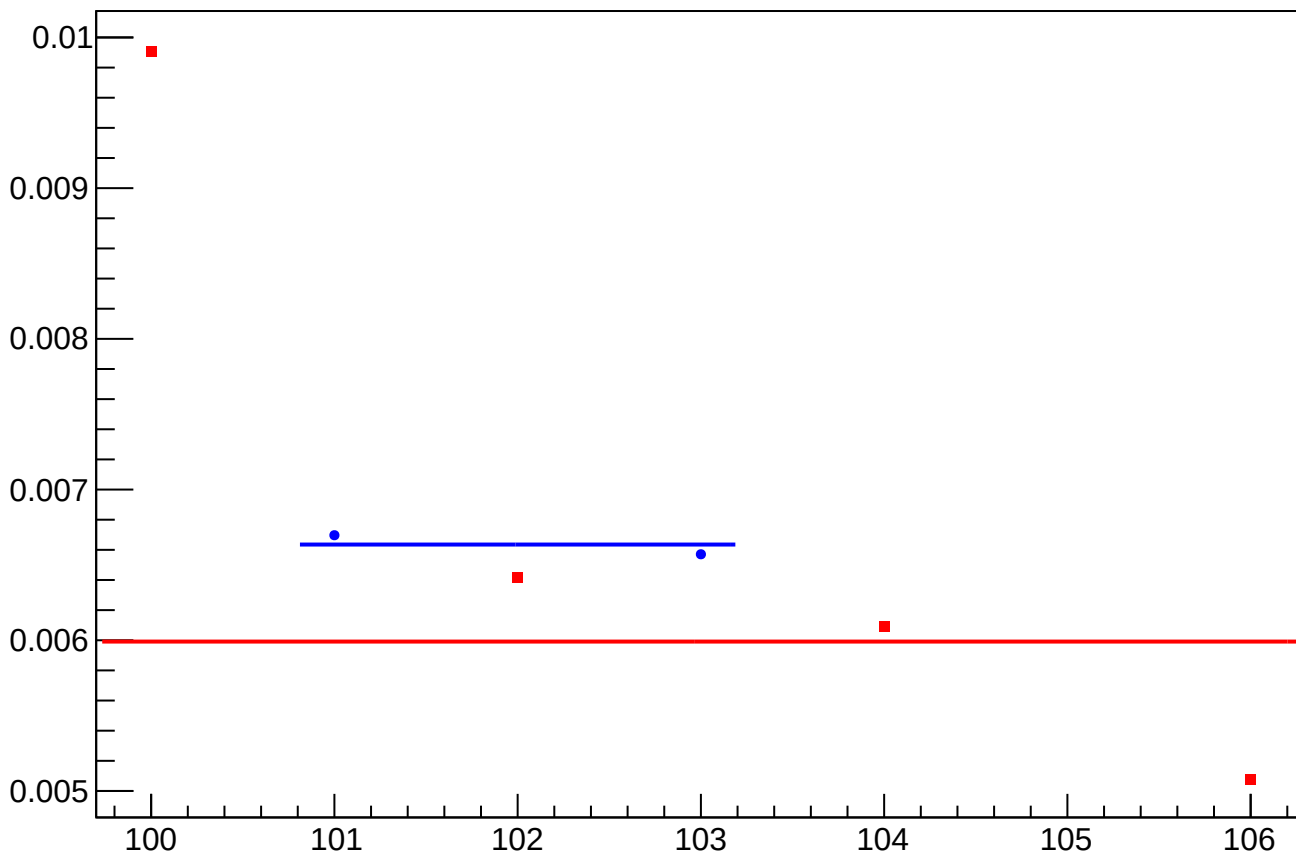
Right: 0.000+/-0.000 χ^2/NDF : 8.9/5

In: -0.000+/-0.000 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/5

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 228.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 48939.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

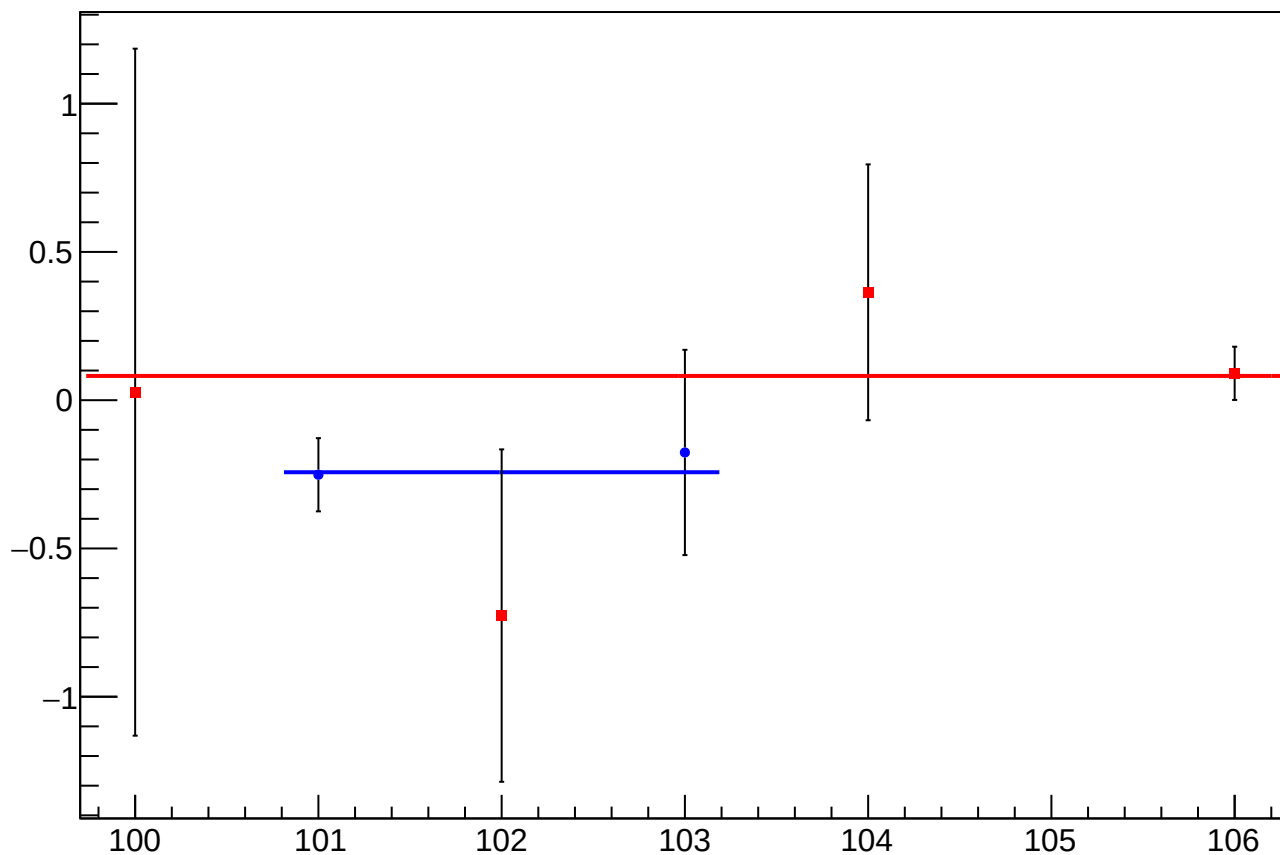
Right: 0.006+/-0.000 χ^2/NDF : 63336.1/5

In: 0.007+/-0.000 χ^2/NDF : 228.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 63336.1/5

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 ± 0.116 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.082 ± 0.087 χ^2/NDF : 2.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

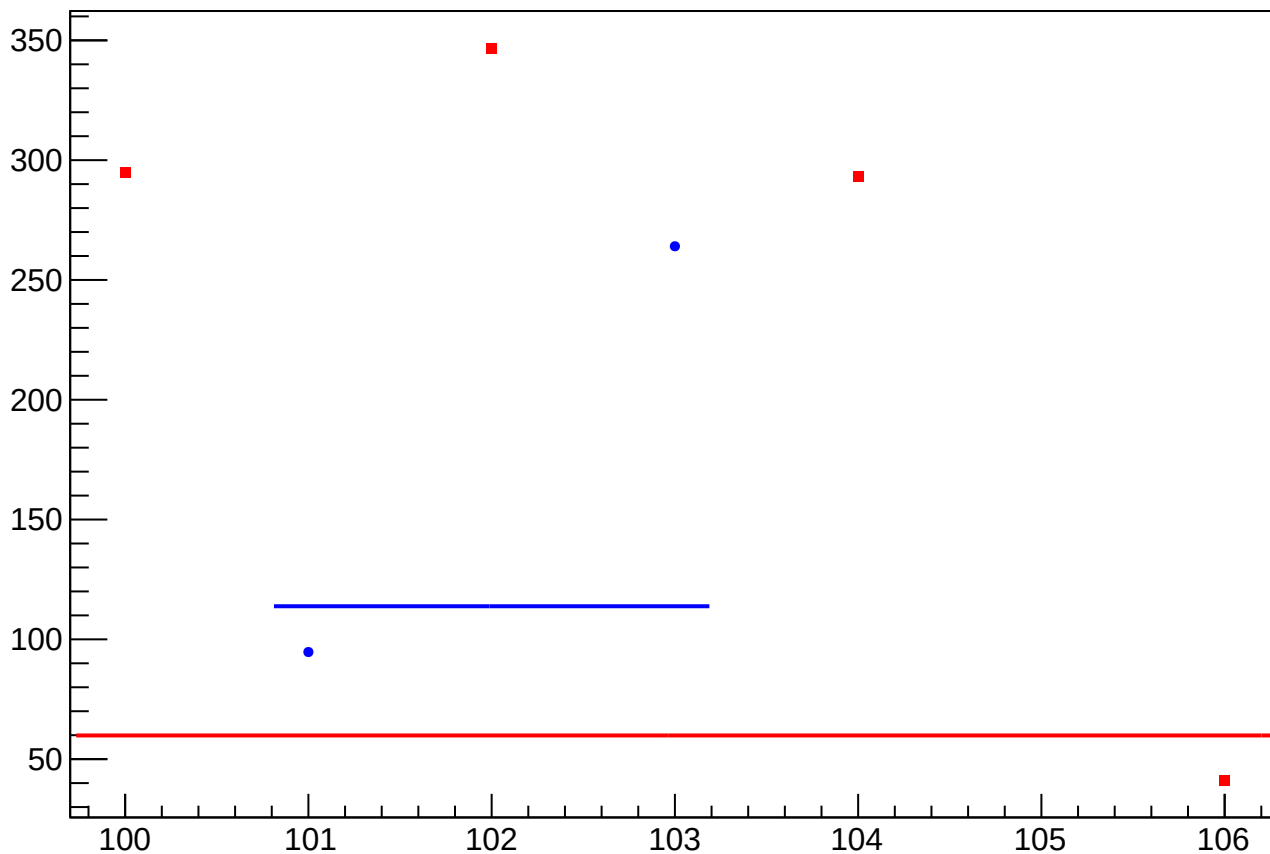
Right: -0.034 ± 0.069 χ^2/NDF : 7.6/5

In: -0.243 ± 0.116 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.069 χ^2/NDF : 7.6/5

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.814 $\pm$ 0.082 χ^2 /NDF: 424845.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.886 $\pm$ 0.061 χ^2 /NDF: 1277752.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

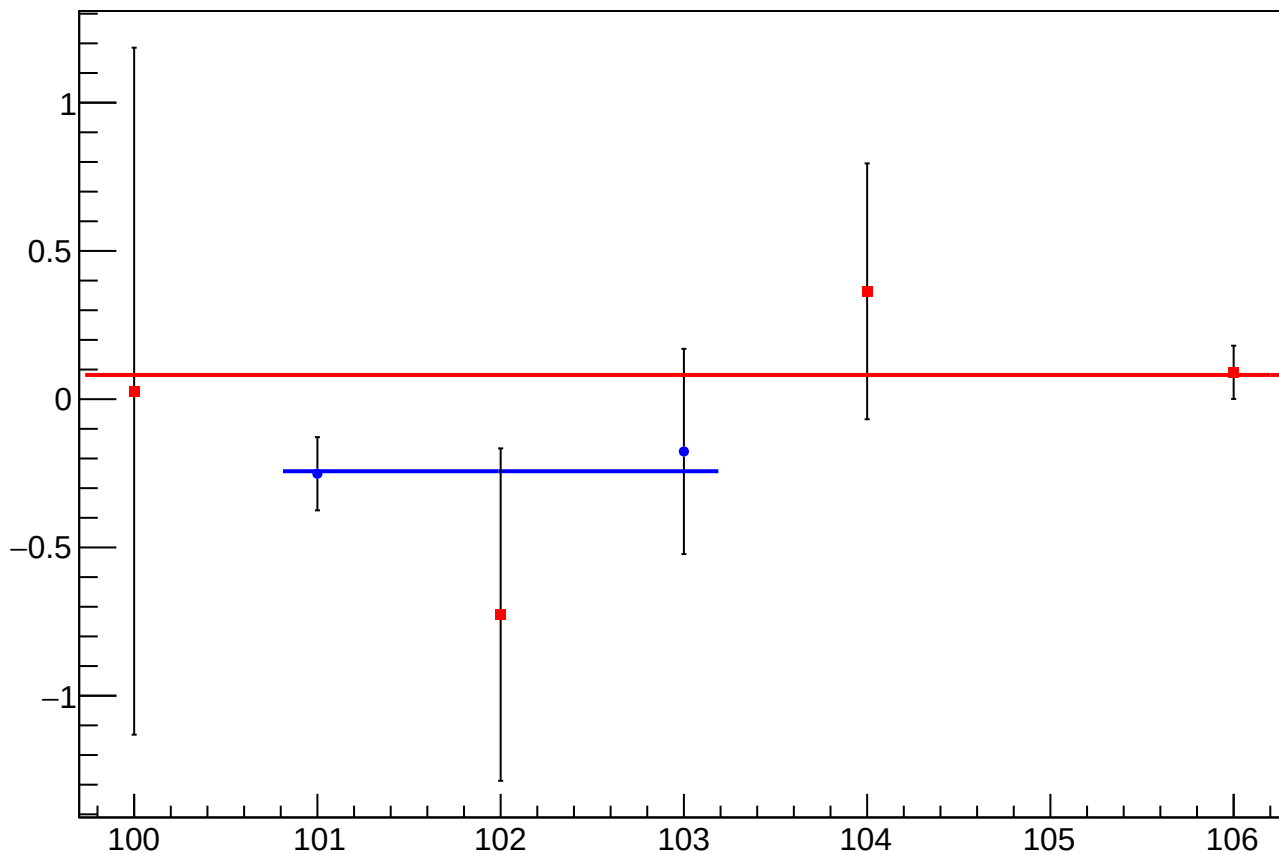
Right: 79.128 $\pm$ 0.049 χ^2 /NDF: 1979401.3/5

In: 113.814 $\pm$ 0.082 χ^2 /NDF:424845.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.128 $\pm$ 0.049 χ^2 /NDF: 1979401.3/5

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.082 ± 0.087 $\chi^2/\text{NDF}: 2.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

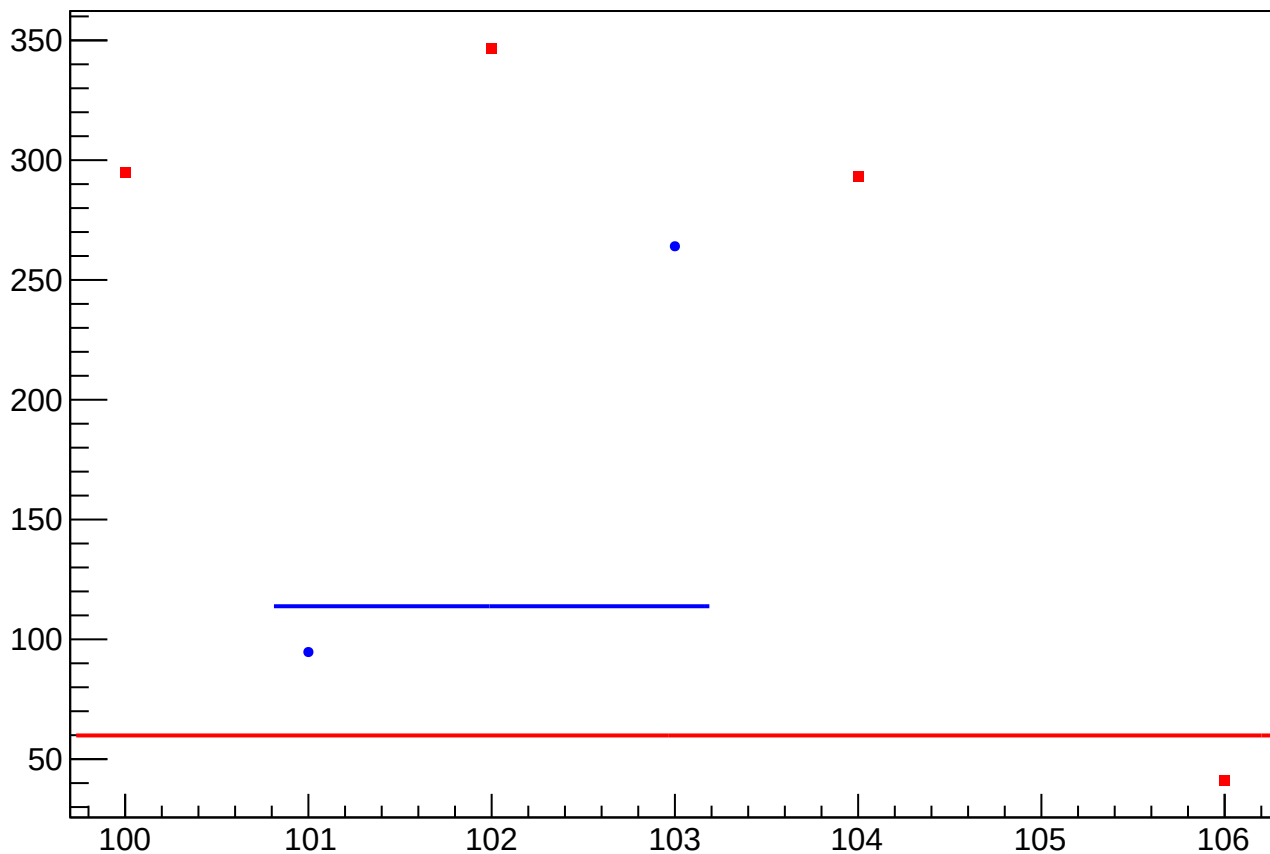
Right: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

In: -0.243 ± 0.116 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.034 ± 0.069 $\chi^2/\text{NDF}: 7.6/5$

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 113.814 $\pm$ 0.082 χ^2 /NDF: 424845.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.886 $\pm$ 0.061 χ^2 /NDF: 1277752.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

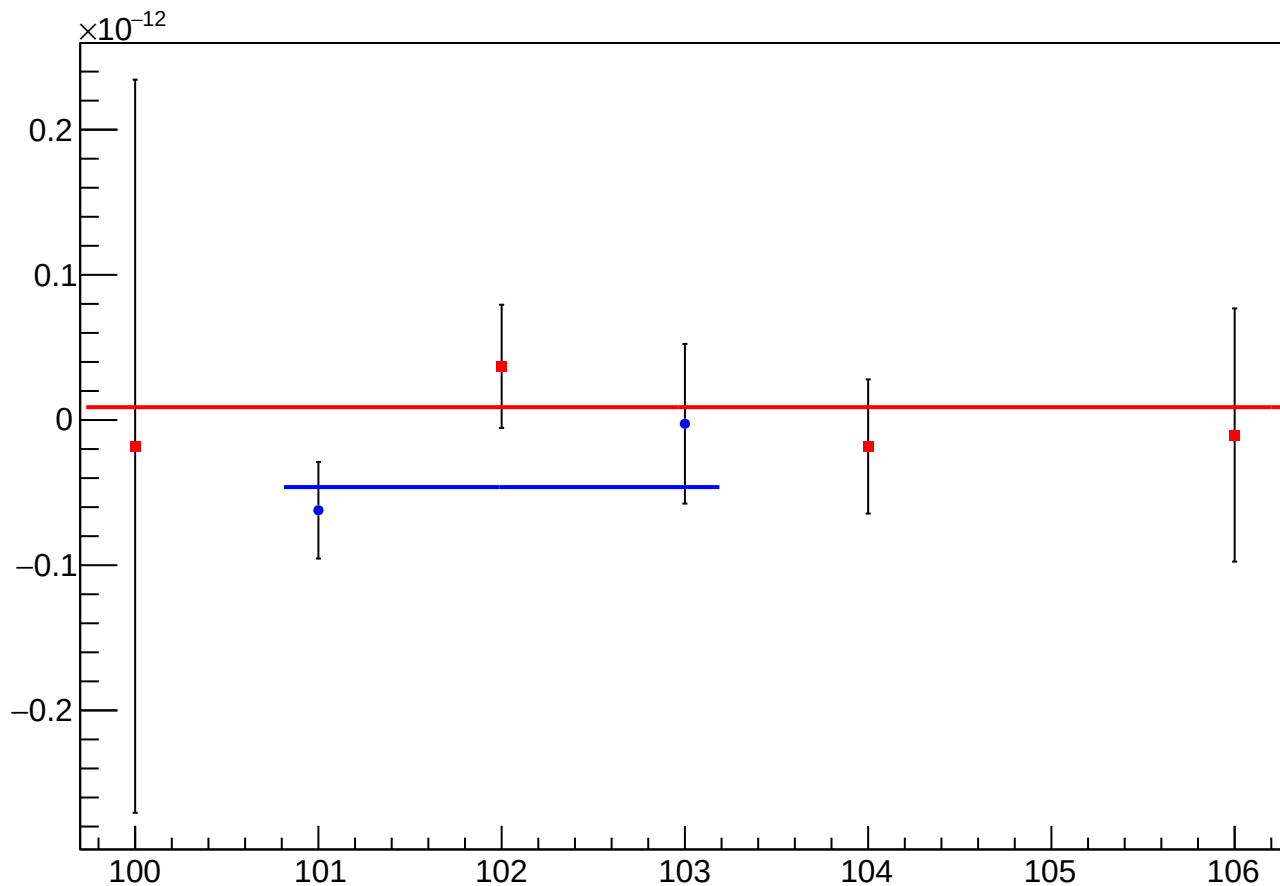
Right: 79.128 $\pm$ 0.049 χ^2 /NDF: 1979401.3/5

In: 113.814 $\pm$ 0.082 χ^2 /NDF:424845.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.128 $\pm$ 0.049 χ^2 /NDF: 1979401.3/5

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

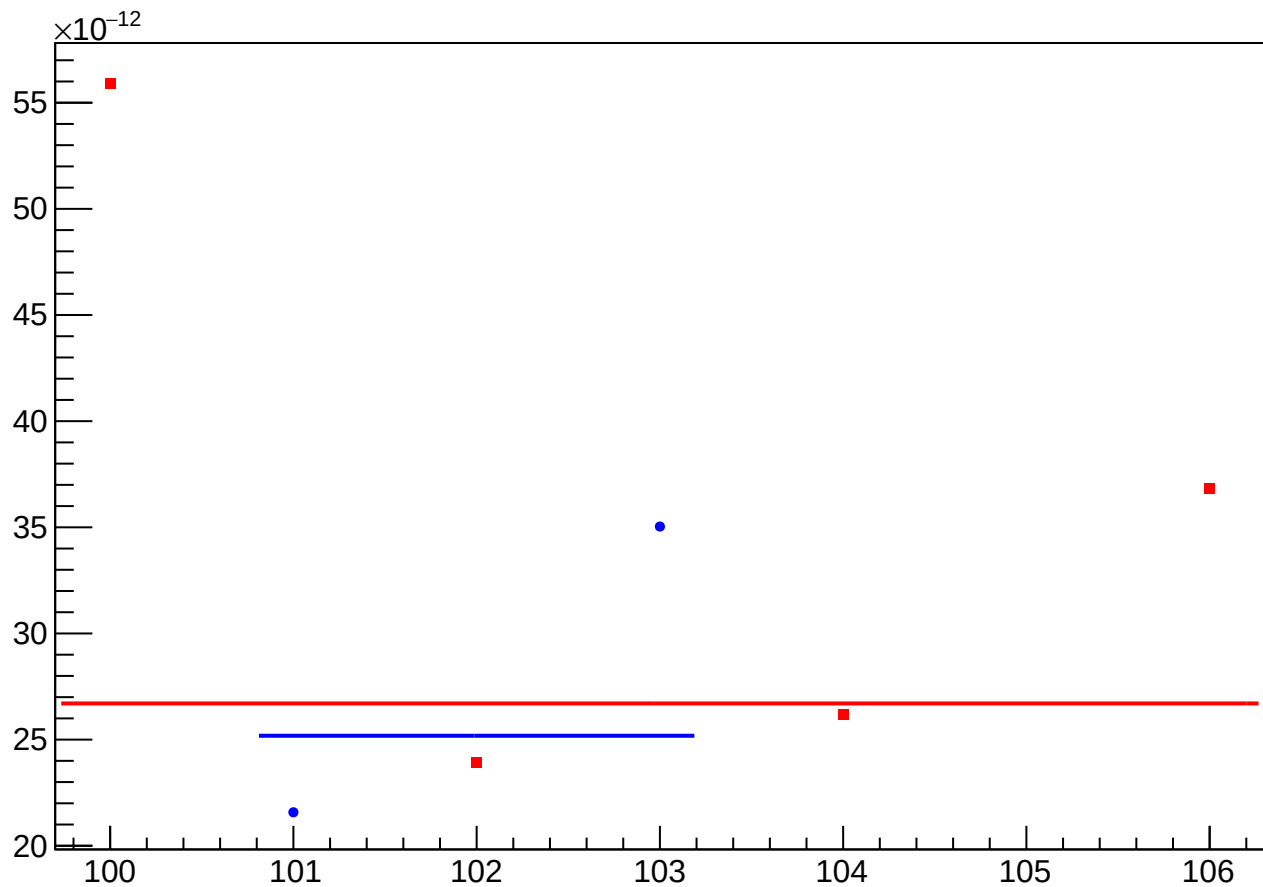
Right: -0.000+/-0.000 χ^2/NDF : 3.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/5

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 87788.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 62654.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

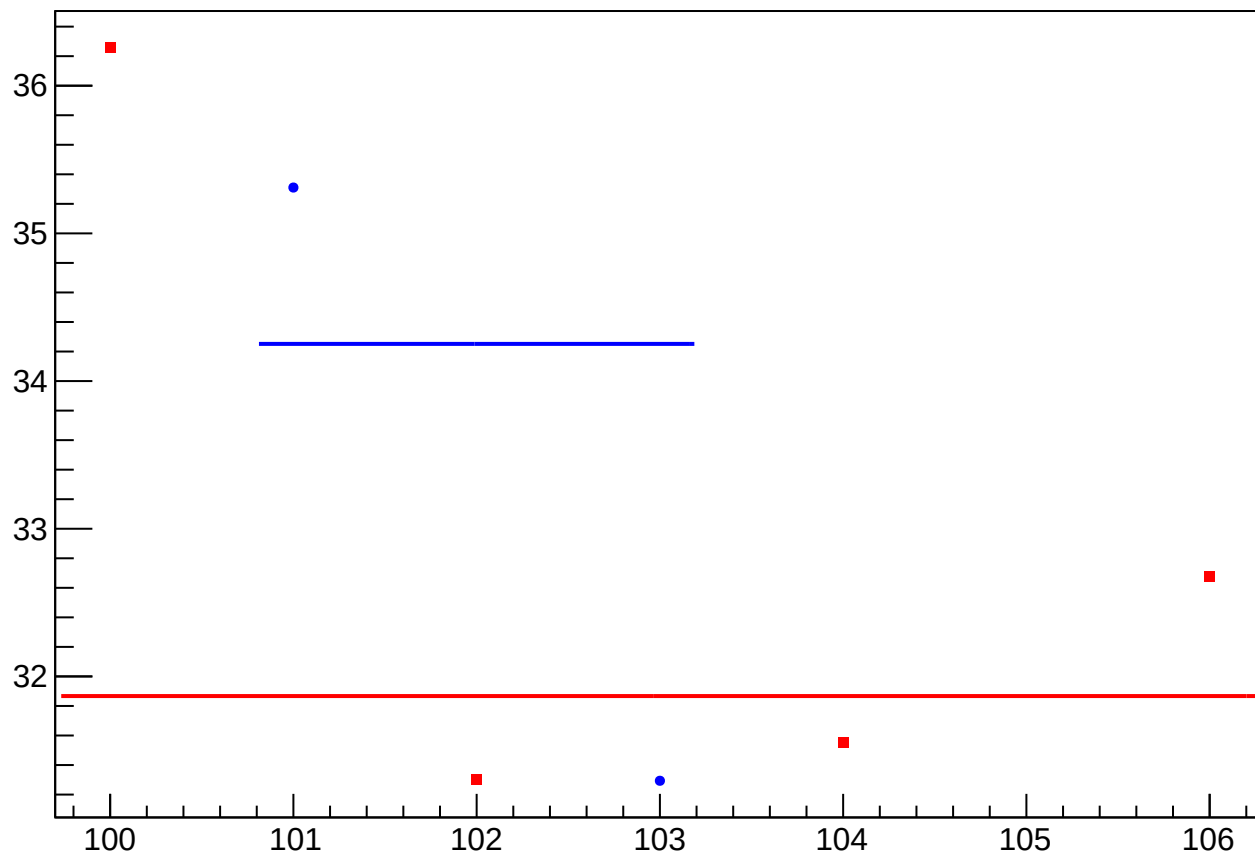
Right: 0.000+/-0.000 χ^2/NDF : 153223.2/5

In: 0.000+/-0.000 χ^2/NDF : 87788.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 153223.2/5

yield_usl_mean vs Slug, Sign Corrected



Right In: 34.252+/-0.000 χ^2/NDF : 248532206.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.867+/-0.000 χ^2/NDF : 74138166.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

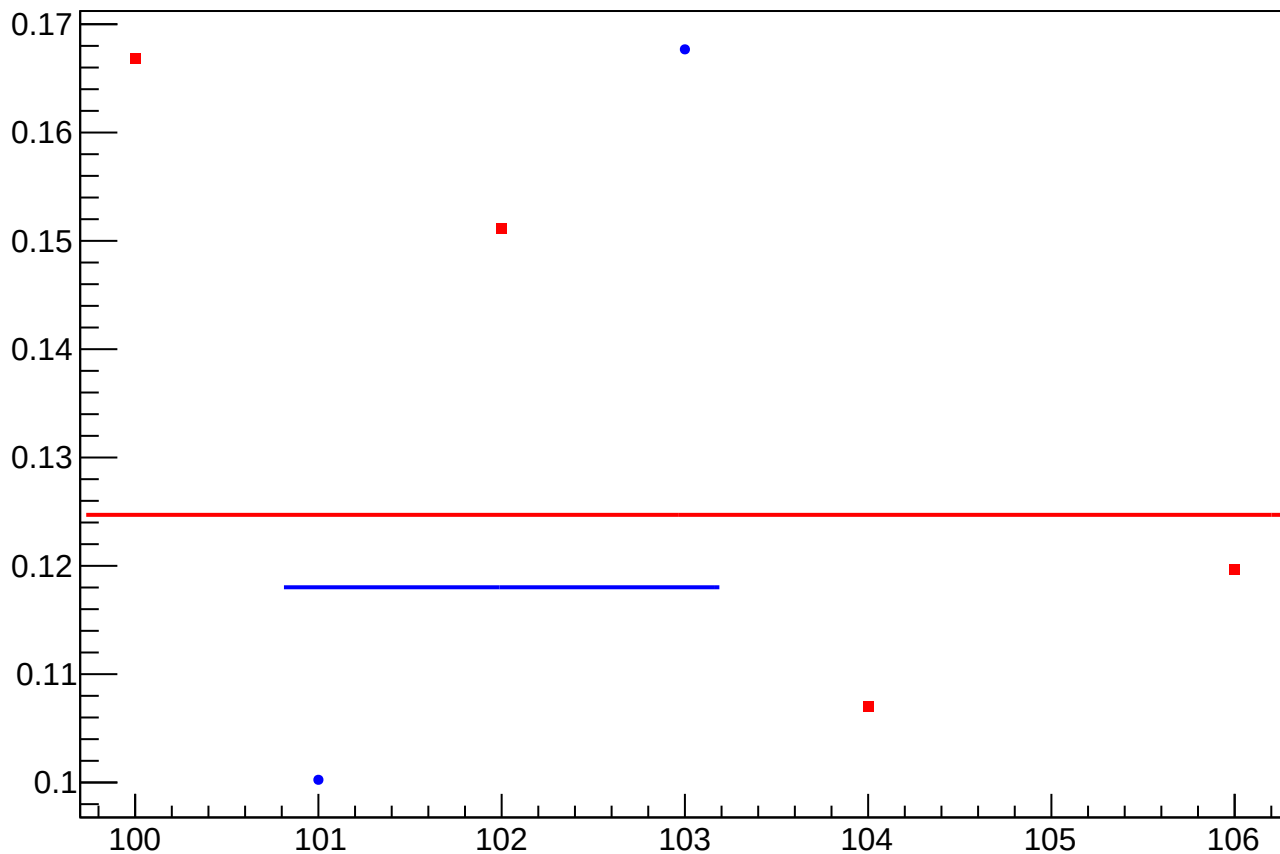
Right: 33.015+/-0.000 χ^2/NDF : 556632979.1/5

In: 34.252+/-0.000 χ^2/NDF : 248532206.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.015+/-0.000 χ^2/NDF : 556632979.1/5

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.118+/-0.000 χ^2/NDF : 140075.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.125+/-0.000 χ^2/NDF : 69966.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

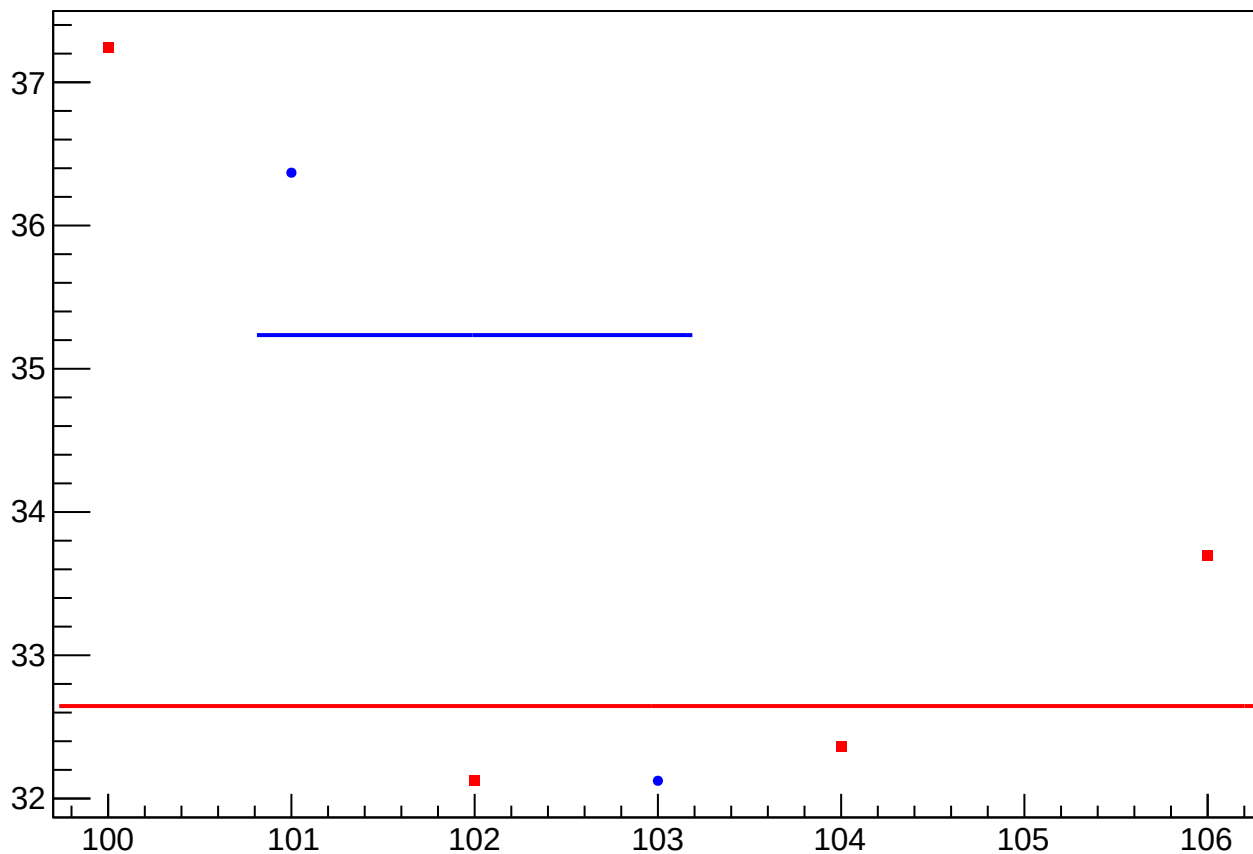
Right: 0.121+/-0.000 χ^2/NDF : 213719.9/5

In: 0.118+/-0.000 χ^2/NDF : 140075.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.121+/-0.000 χ^2/NDF : 213719.9/5

yield_usr_mean vs Slug, Sign Corrected



Right In: 35.235+/-0.000 χ^2/NDF : 208945990.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.646+/-0.000 χ^2/NDF : 55619074.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

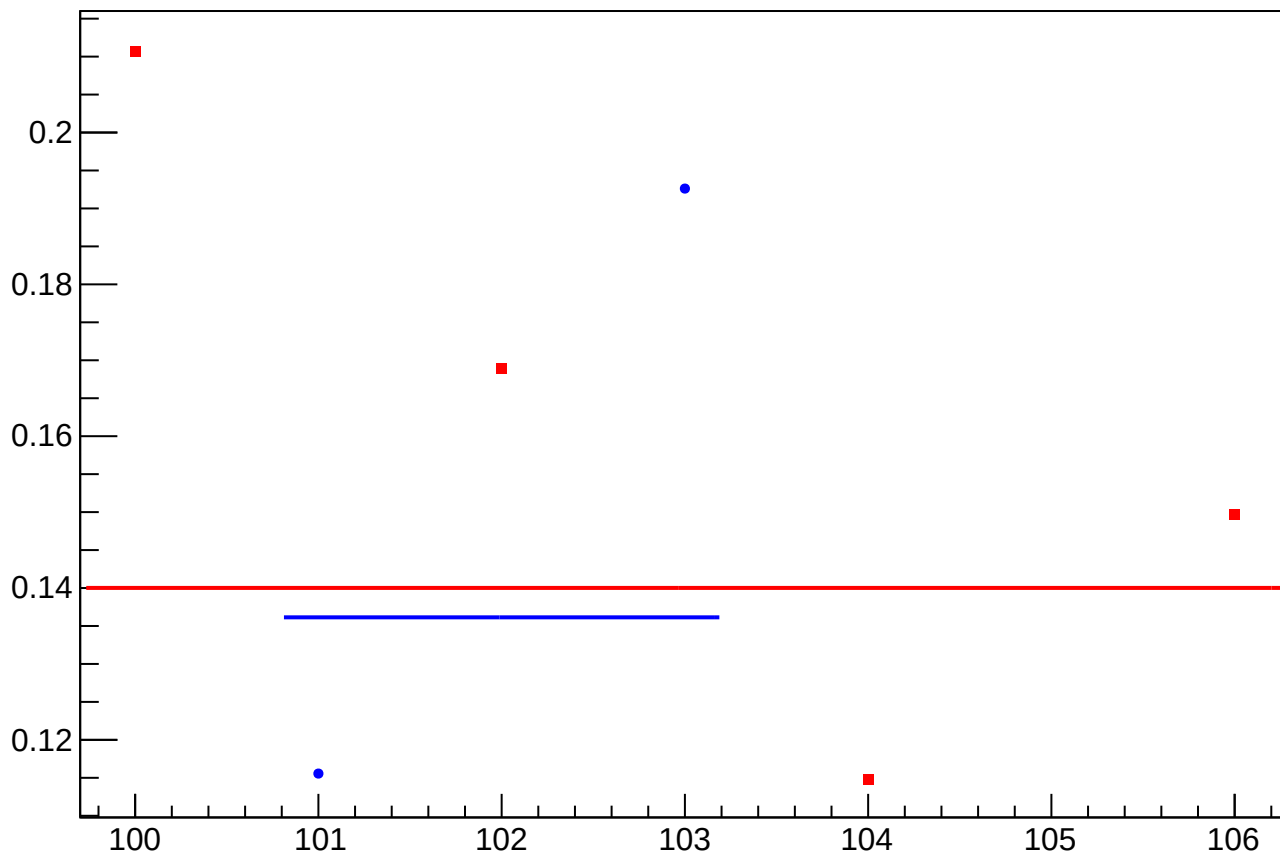
Right: 33.865+/-0.000 χ^2/NDF : 474762763.9/5

In: 35.235+/-0.000 χ^2/NDF : 208945990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.865+/-0.000 χ^2/NDF : 474762763.9/5

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.140+/-0.000 χ^2/NDF : 94484.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

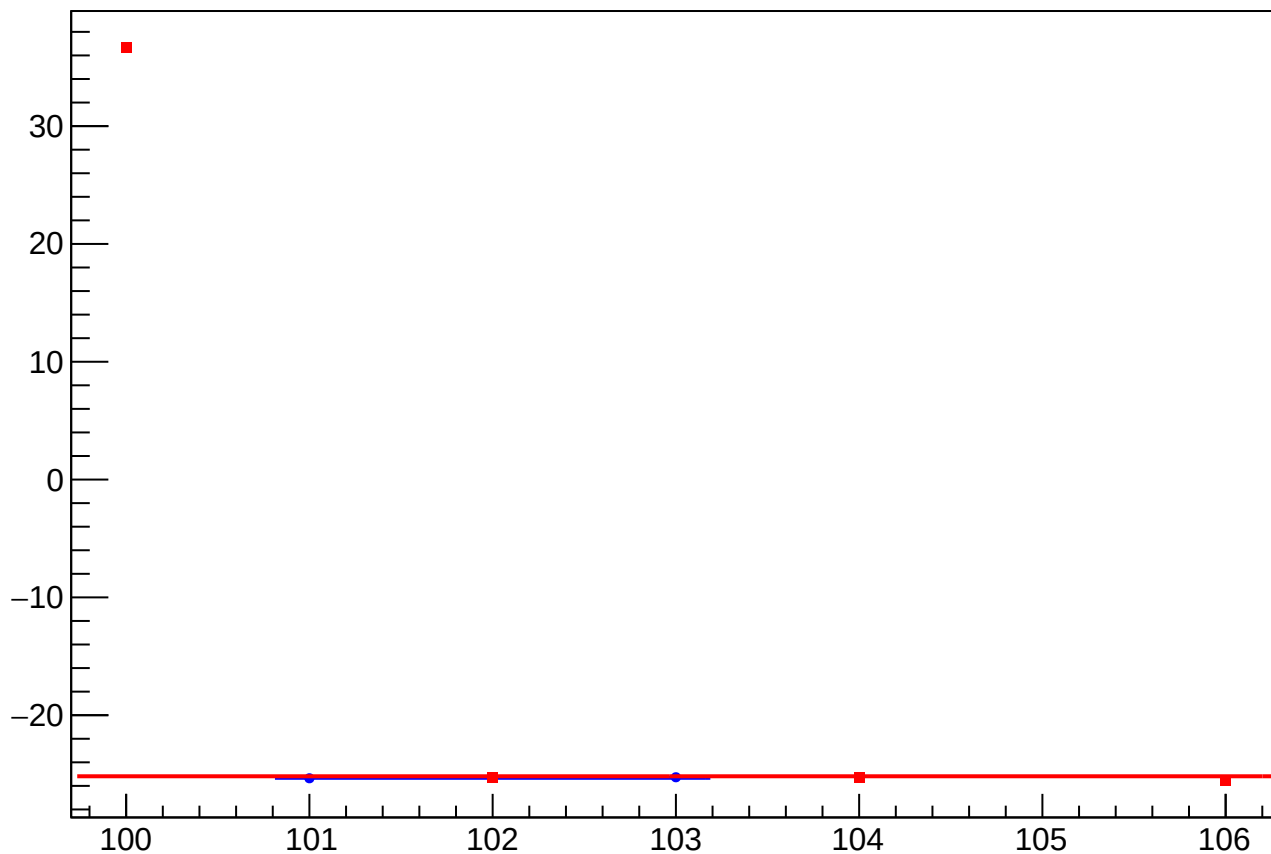
Right: 0.138+/-0.000 χ^2/NDF : 233141.3/5

In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.138+/-0.000 χ^2/NDF : 233141.3/5

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.312+/-0.000 χ^2/NDF : 1342008.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.184+/-0.000 χ^2/NDF : 8727519842.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

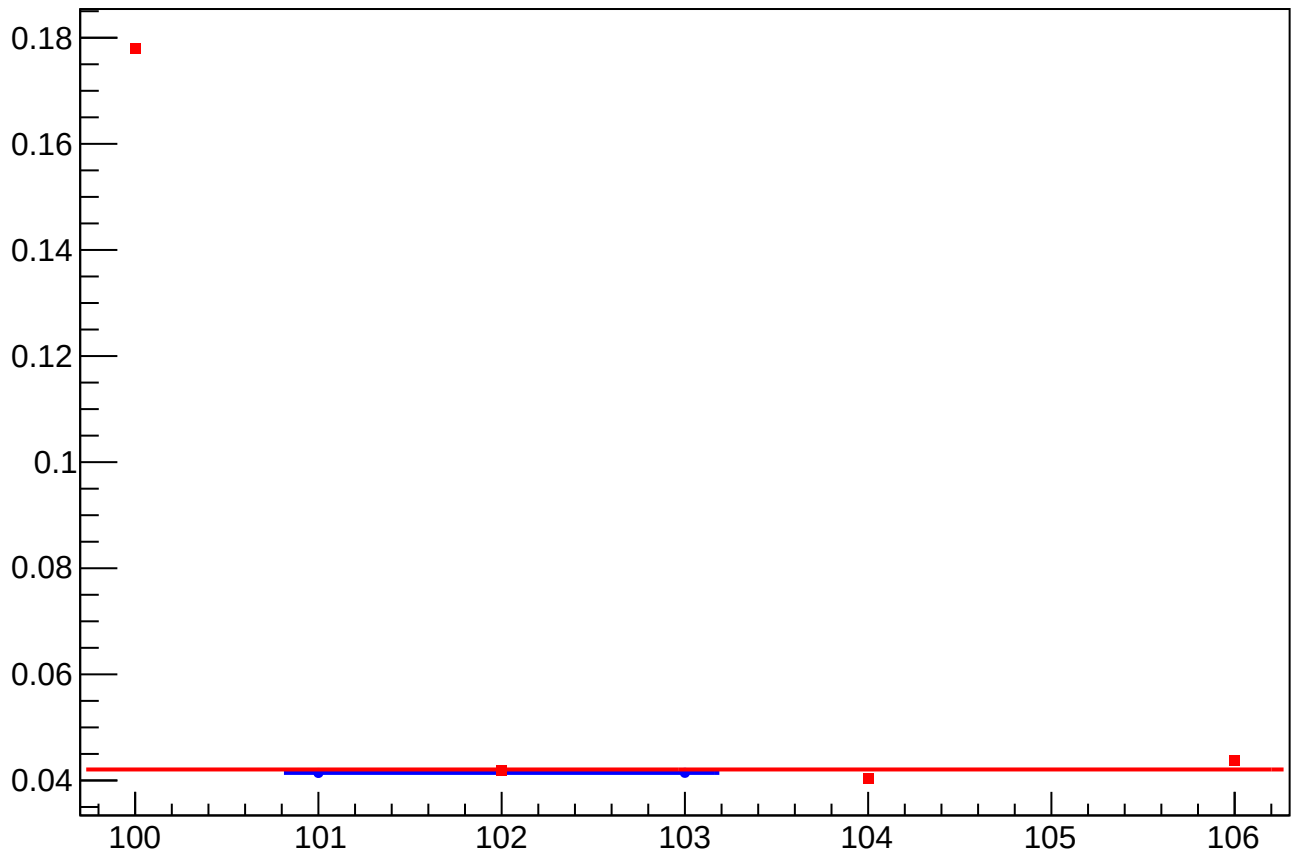
Right: -25.243+/-0.000 χ^2/NDF : 8735338161.7/5

In: -25.312+/-0.000 χ^2/NDF : 1342008.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.243+/-0.000 χ^2/NDF : 8735338161.7/5

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 86947.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

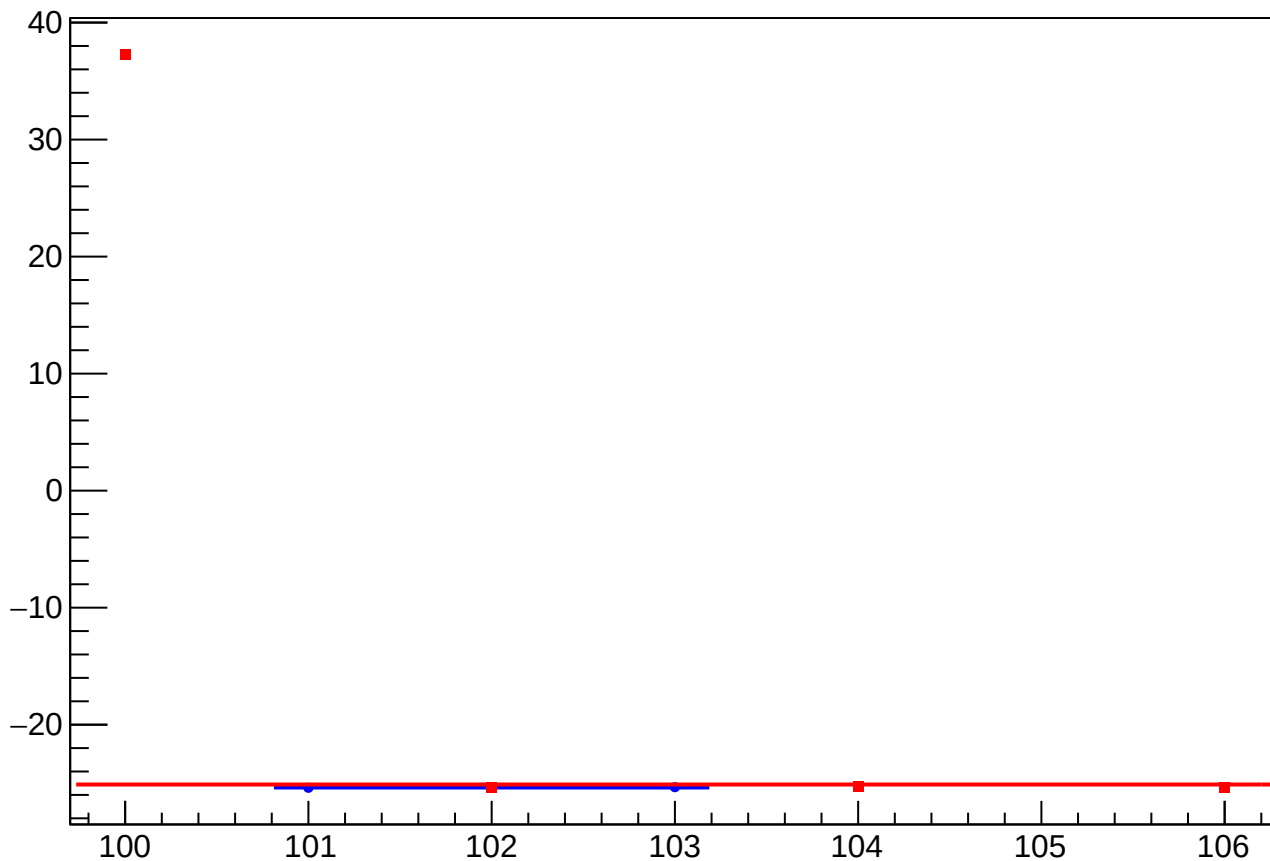
Right: 0.042+/-0.000 χ^2/NDF : 87275.0/5

In: 0.041+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 87275.0/5

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.366+/-0.000 χ^2/NDF : 249101.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.110+/-0.000 χ^2/NDF : 6276653969.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

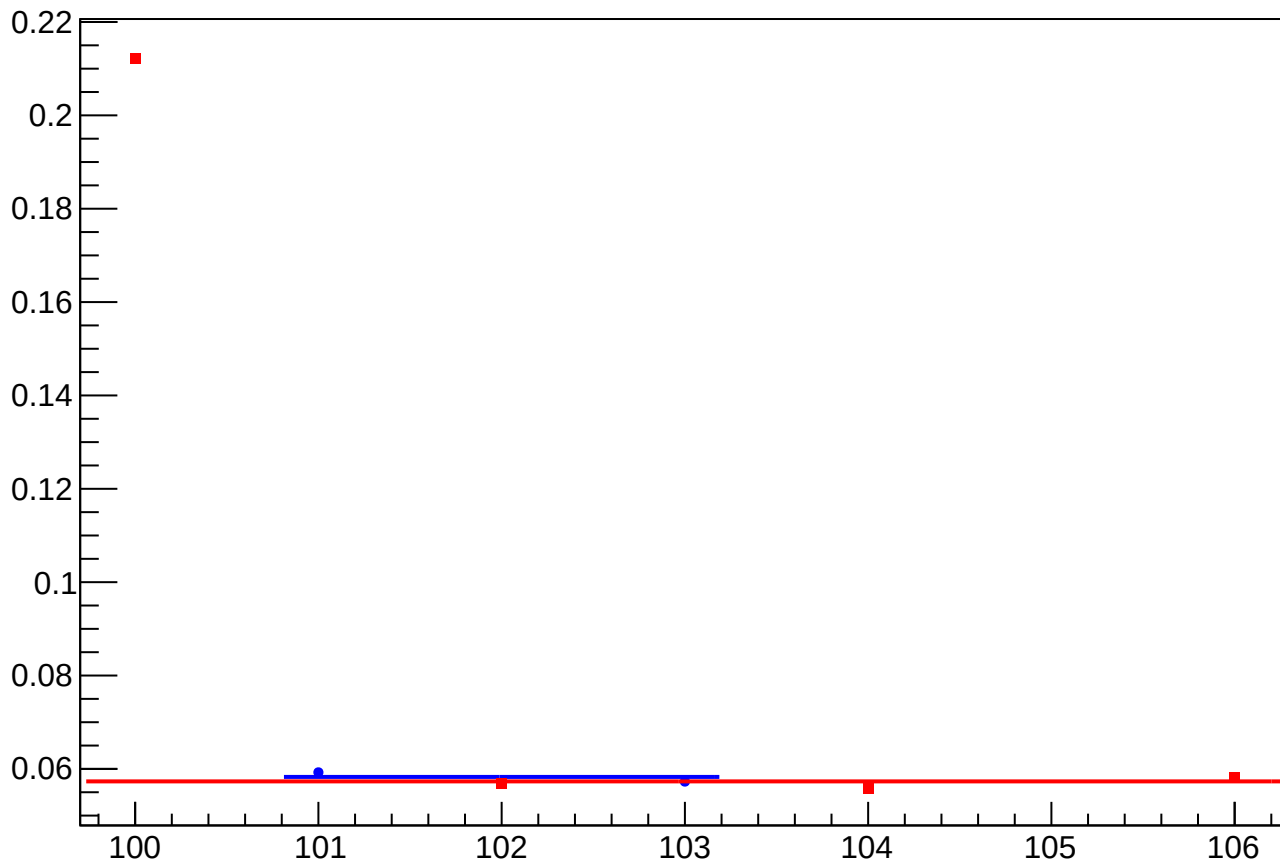
Right: -25.224+/-0.000 χ^2/NDF : 6289927955.3/5

In: -25.366+/-0.000 χ^2/NDF : 249101.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.224+/-0.000 χ^2/NDF : 6289927955.3/5

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 703.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 78077.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

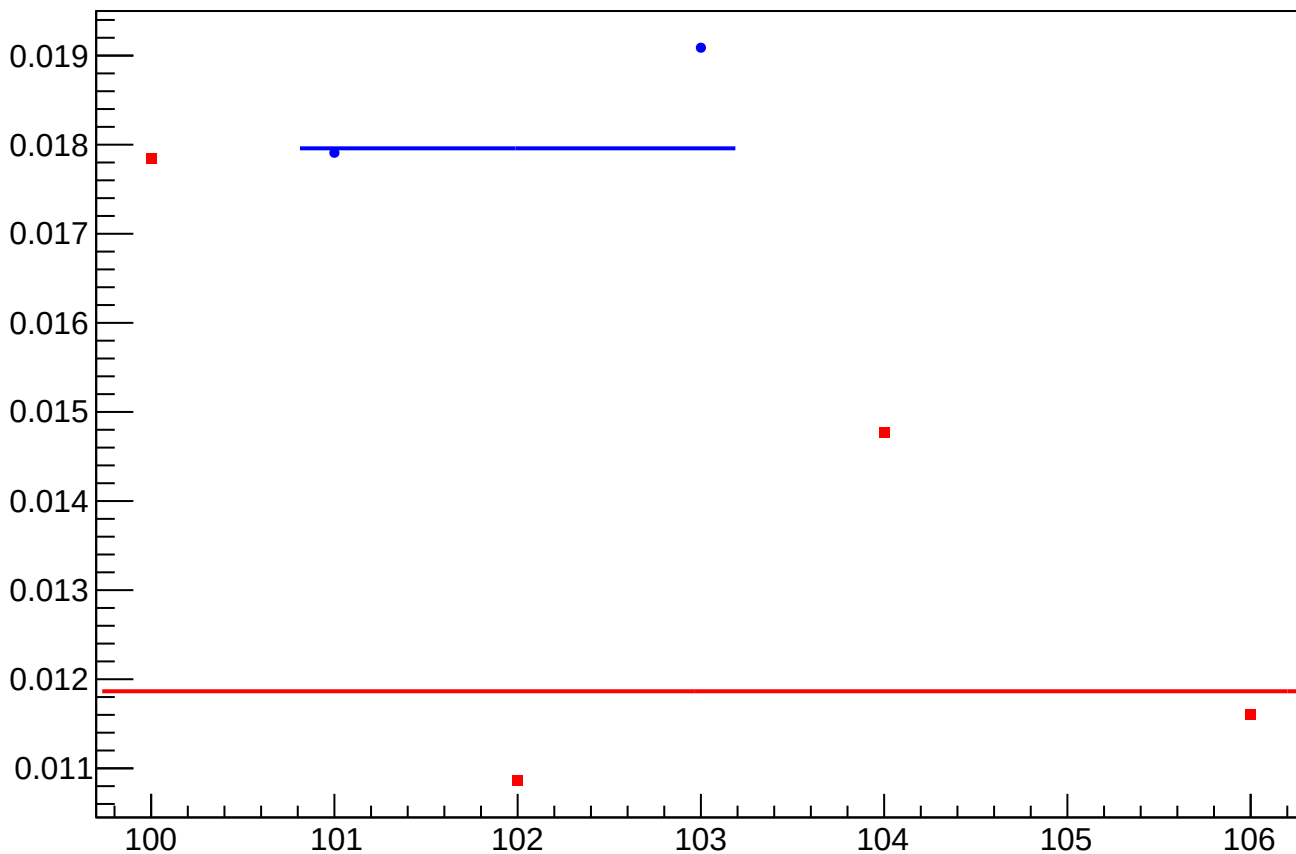
Right: 0.058+/-0.000 χ^2/NDF : 79145.9/5

In: 0.058+/-0.000 χ^2/NDF : 703.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 79145.9/5

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 11907308.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 934614917.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

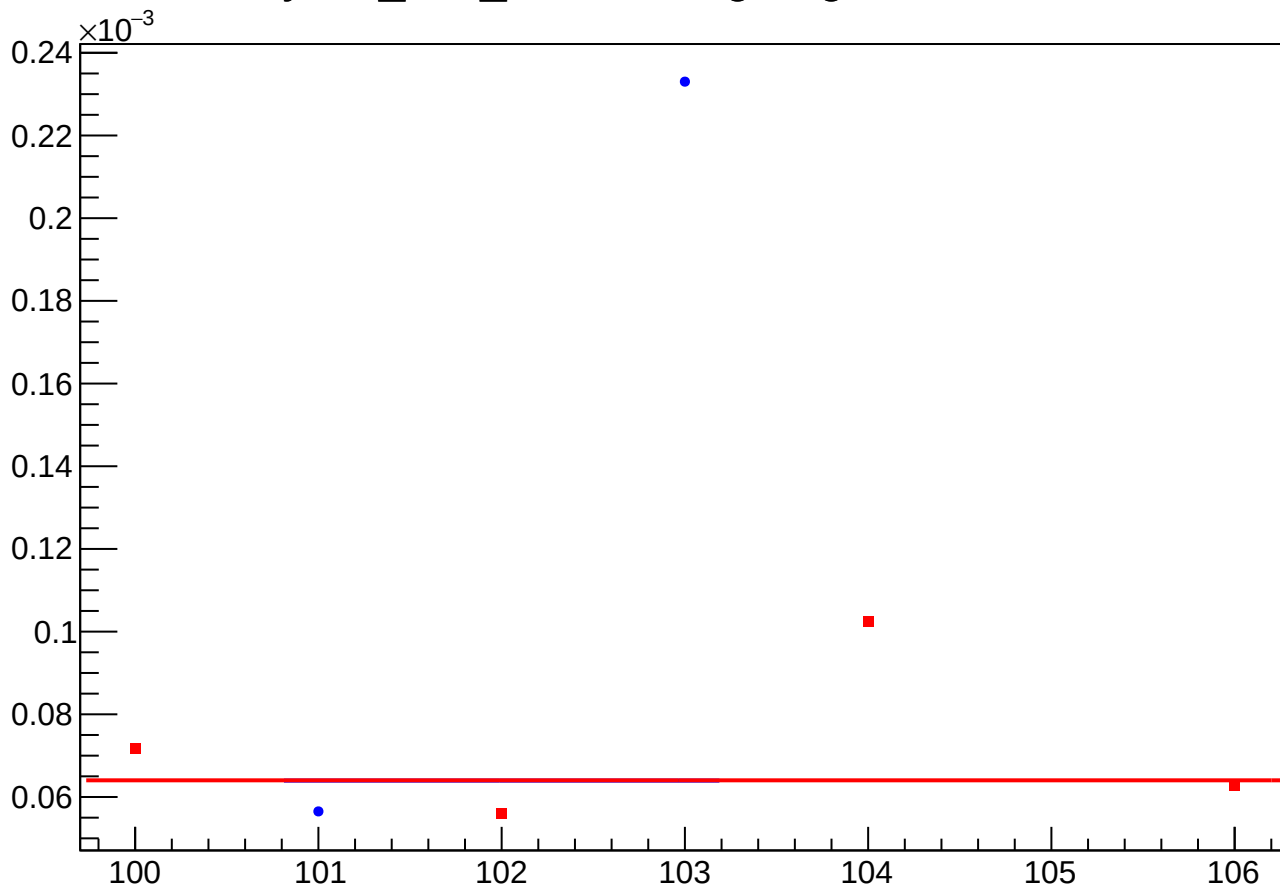
Right: 0.014+/-0.000 χ^2/NDF : 5416591186.0/5

In: 0.018+/-0.000 χ^2/NDF : 11907308.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 5416591186.0/5

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 533556.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 117348.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

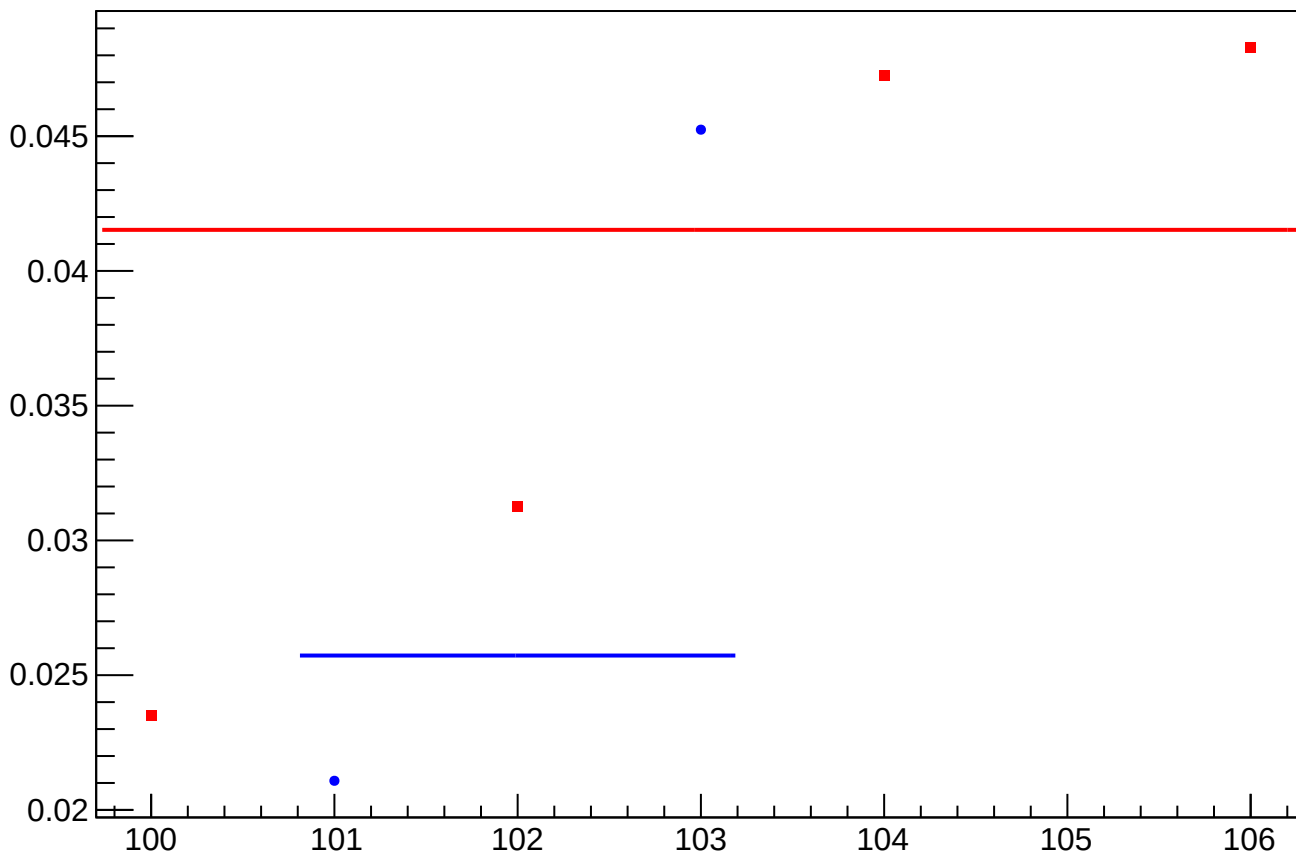
Right: 0.000+/-0.000 χ^2/NDF : 650905.6/5

In: 0.000+/-0.000 χ^2/NDF : 533556.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 650905.6/5

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 562951337.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 393763610.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

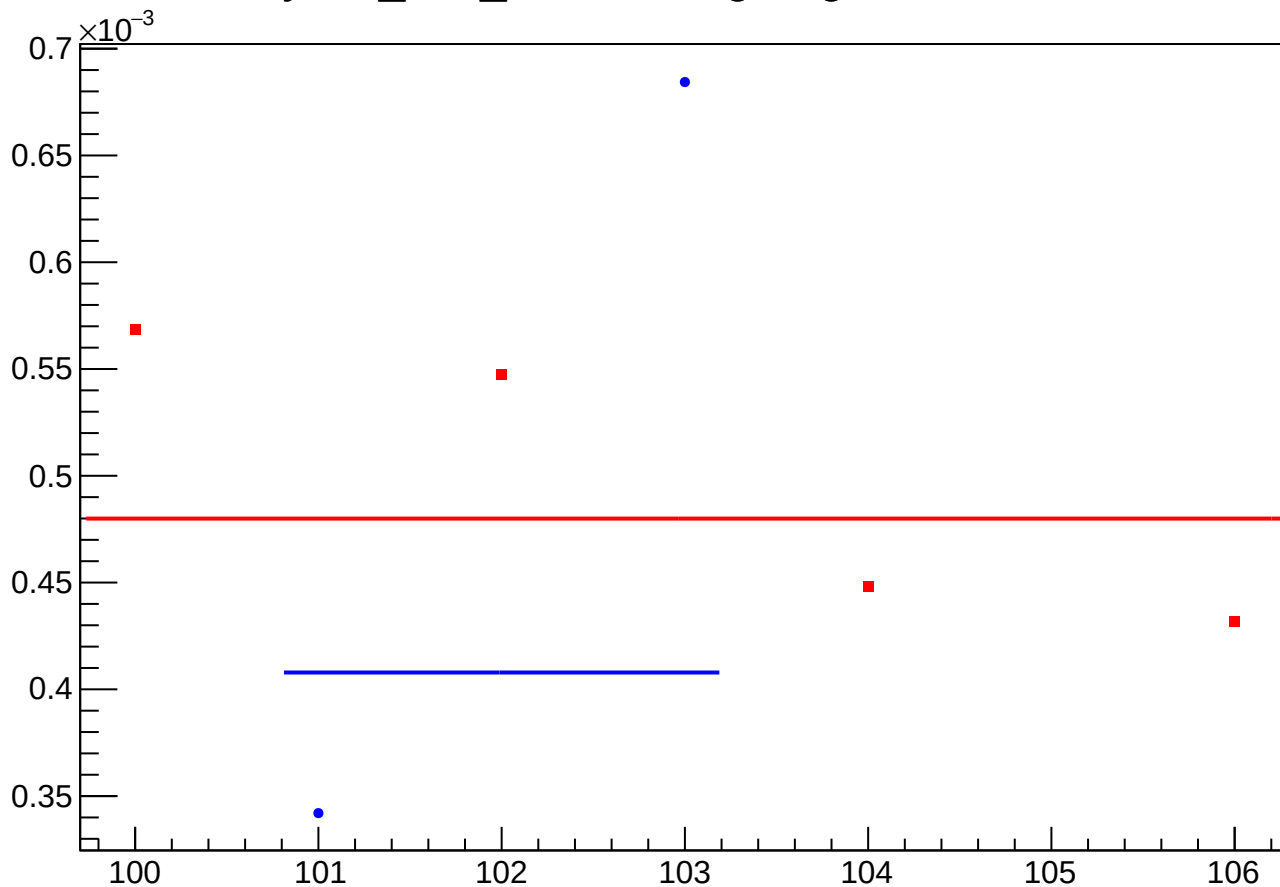
Right: 0.033+/-0.000 χ^2/NDF : 1689270032.4/5

In: 0.026+/-0.000 χ^2/NDF : 562951337.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.000 χ^2/NDF : 1689270032.4/5

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226062.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 30655.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

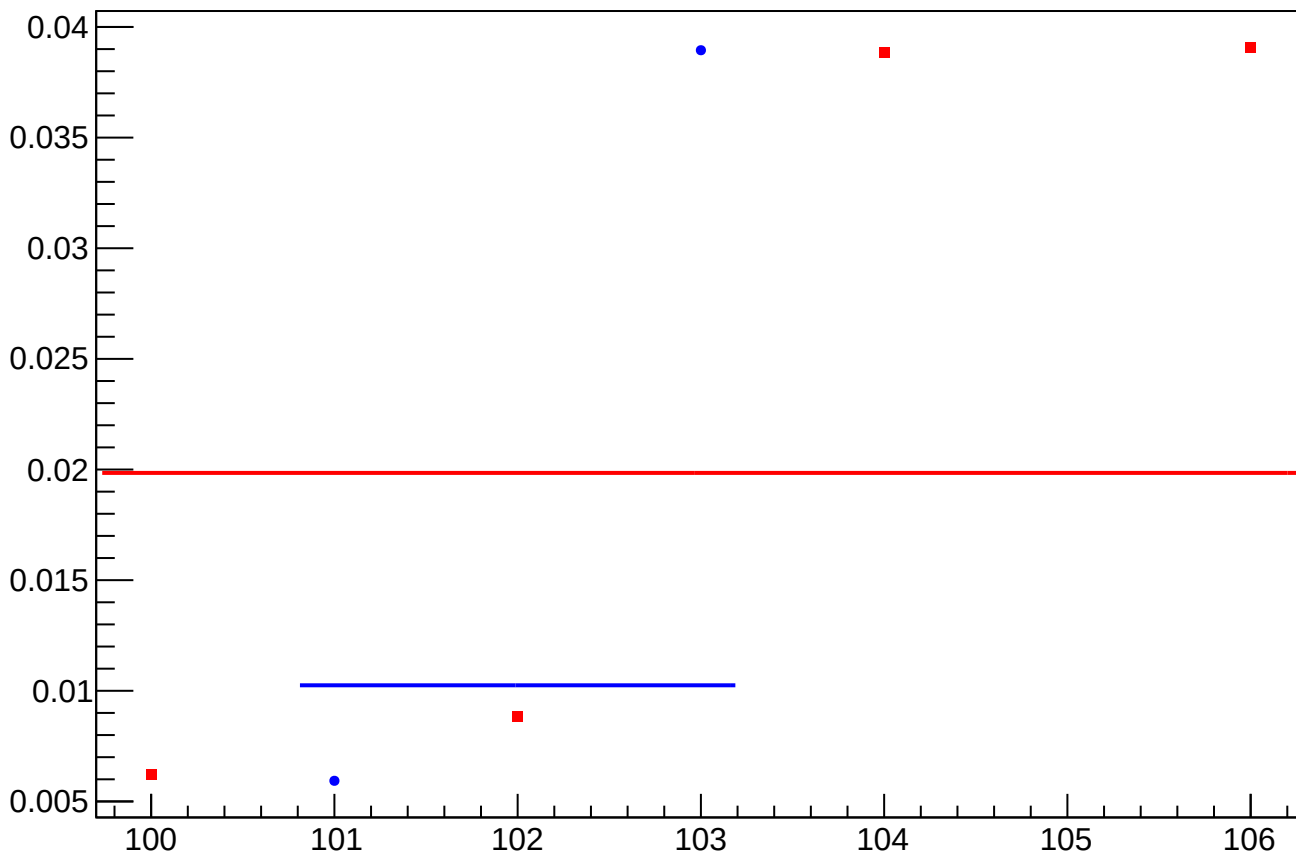
Right: 0.000+/-0.000 χ^2/NDF : 287222.0/5

In: 0.000+/-0.000 χ^2/NDF : 226062.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 287222.0/5

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.000

χ^2/NDF : 19487733520.0/1

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.014+/-0.000

χ^2/NDF : 45411062822.9/5

Right Out: 0.020+/-0.000

χ^2/NDF : 20488522779.0/3

In: 0.010+/-0.000

χ^2/NDF : 19487733520.0/1

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

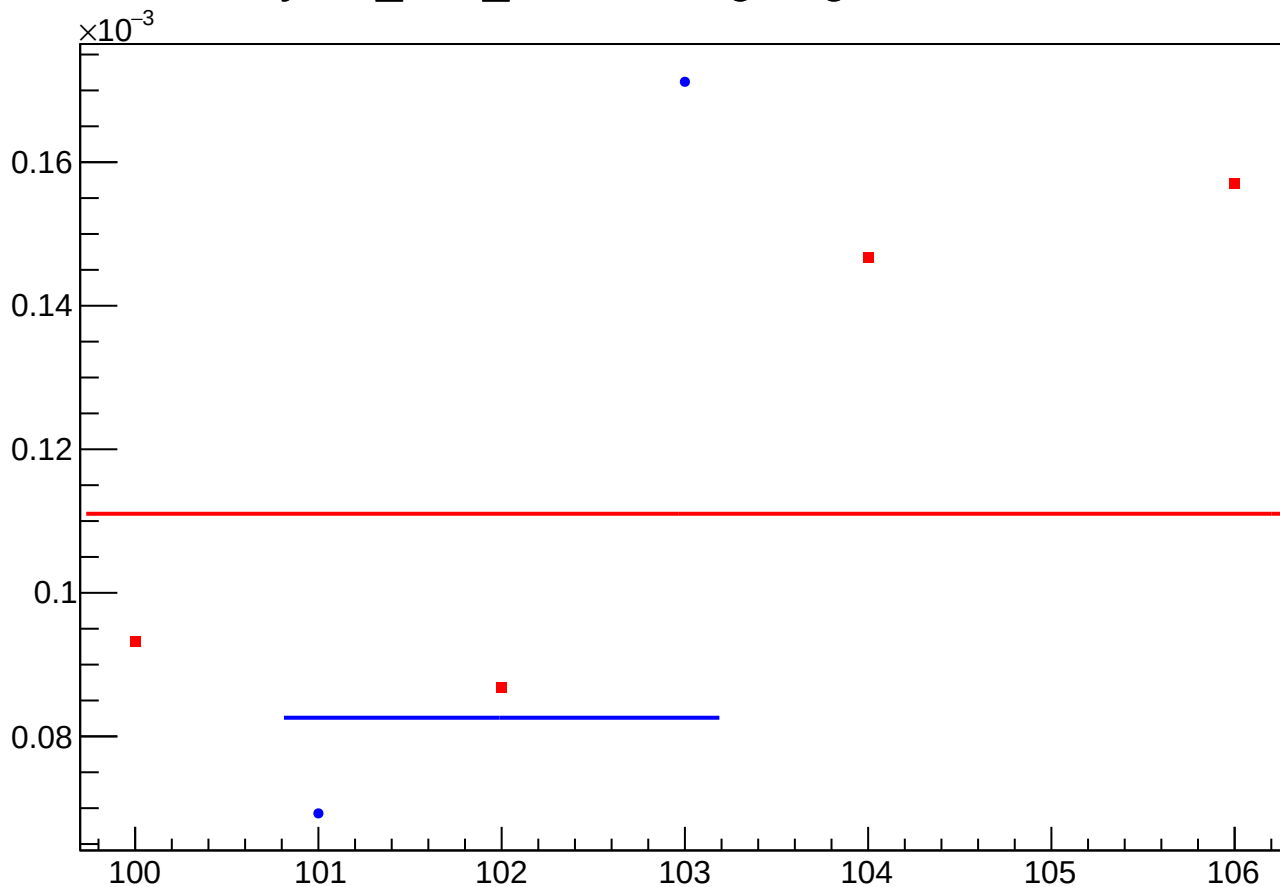
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.014+/-0.000

χ^2/NDF : 45411062822.9/5

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371464.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 174690.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

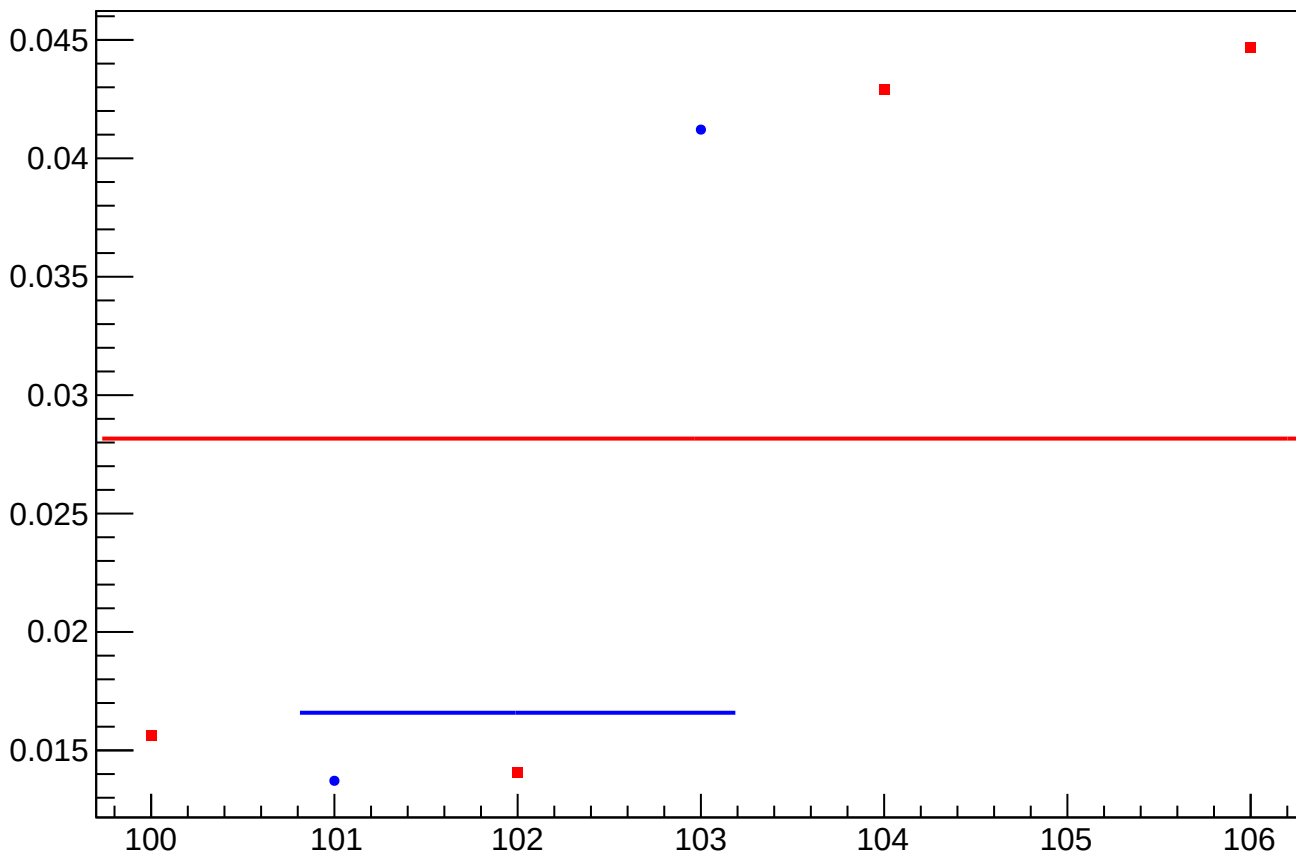
Right: 0.000+/-0.000 χ^2/NDF : 641443.2/5

In: 0.000+/-0.000 χ^2/NDF : 371464.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 641443.2/5

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 1325520106.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 2531923783.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

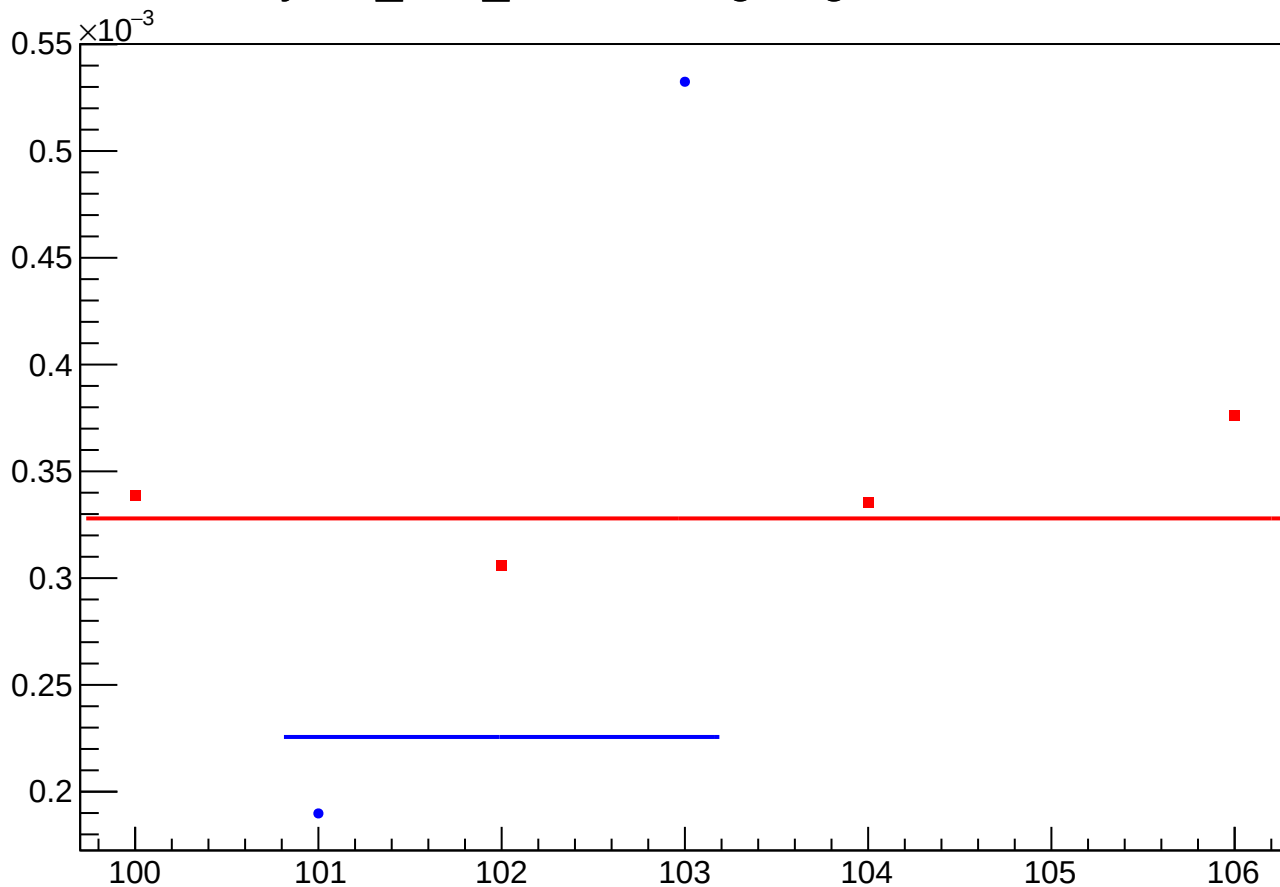
Right: 0.021+/-0.000 χ^2/NDF : 4828781924.6/5

In: 0.017+/-0.000 χ^2/NDF : 1325520106.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 4828781924.6/5

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 411581.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14576.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

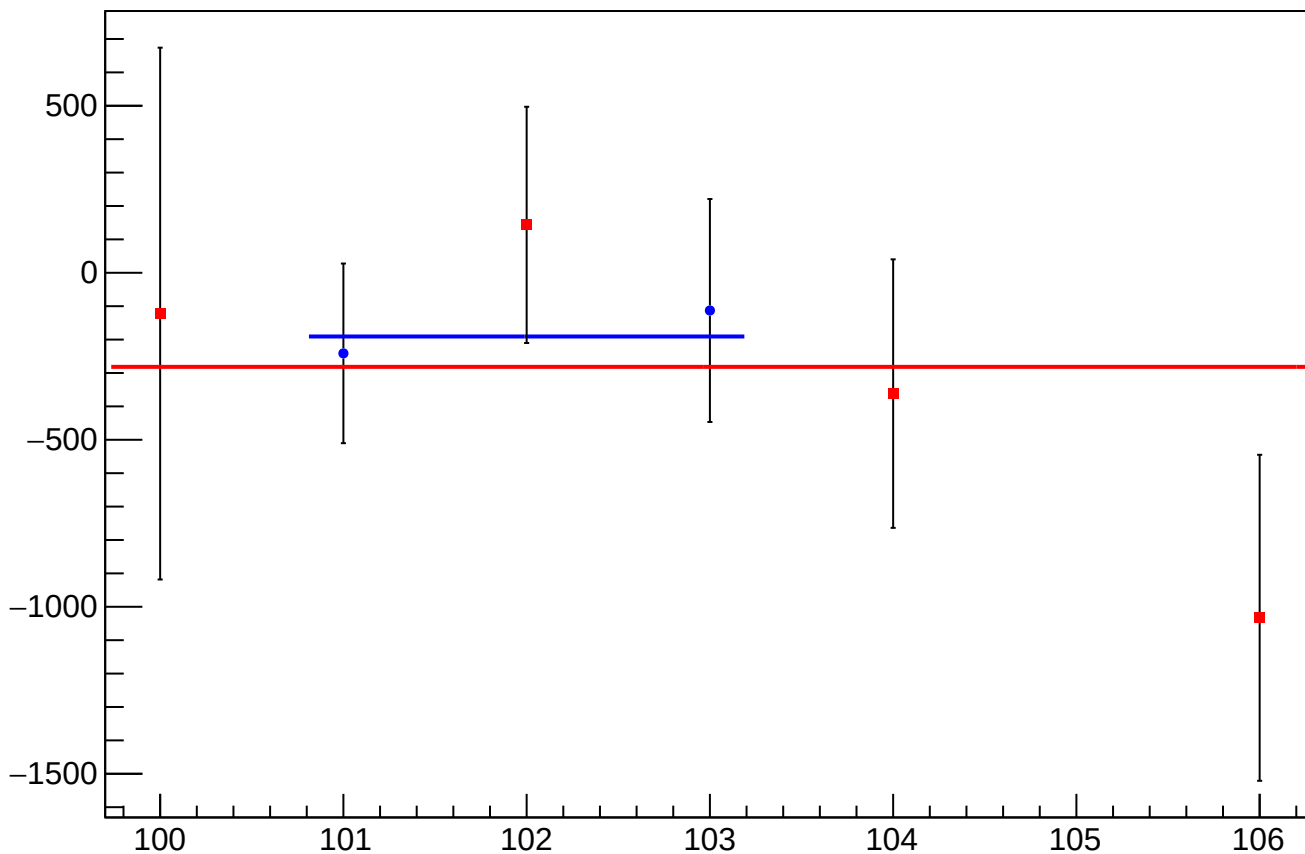
Right: 0.000+/-0.000 χ^2/NDF : 577961.9/5

In: 0.000+/-0.000 χ^2/NDF : 411581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 577961.9/5

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.659 $\pm$ 223.827 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

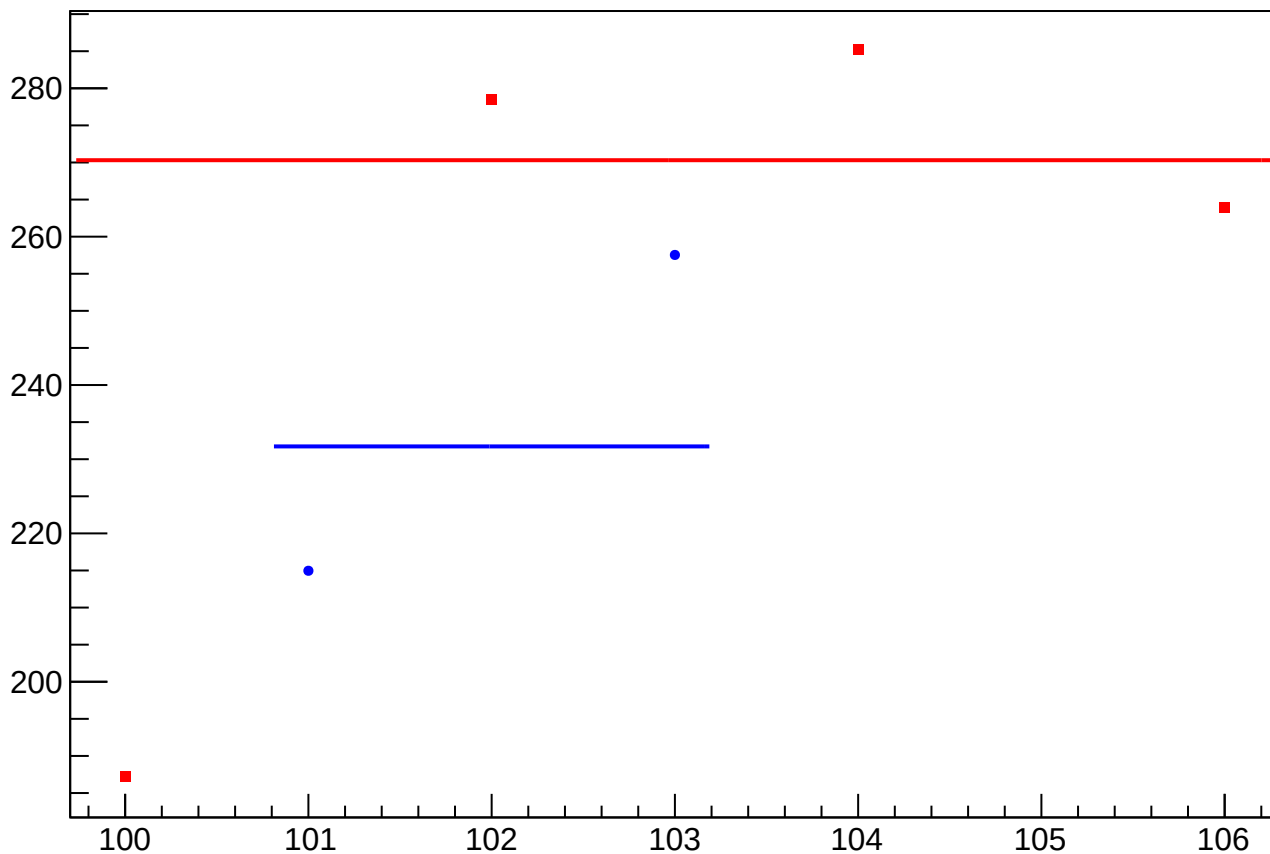
Right: -233.167 $\pm$ 152.921 χ^2 /NDF: 4.1/5

In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.167 $\pm$ 152.921 χ^2 /NDF: 4.1/5

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.307+/-0.158 χ^2/NDF : 25947.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

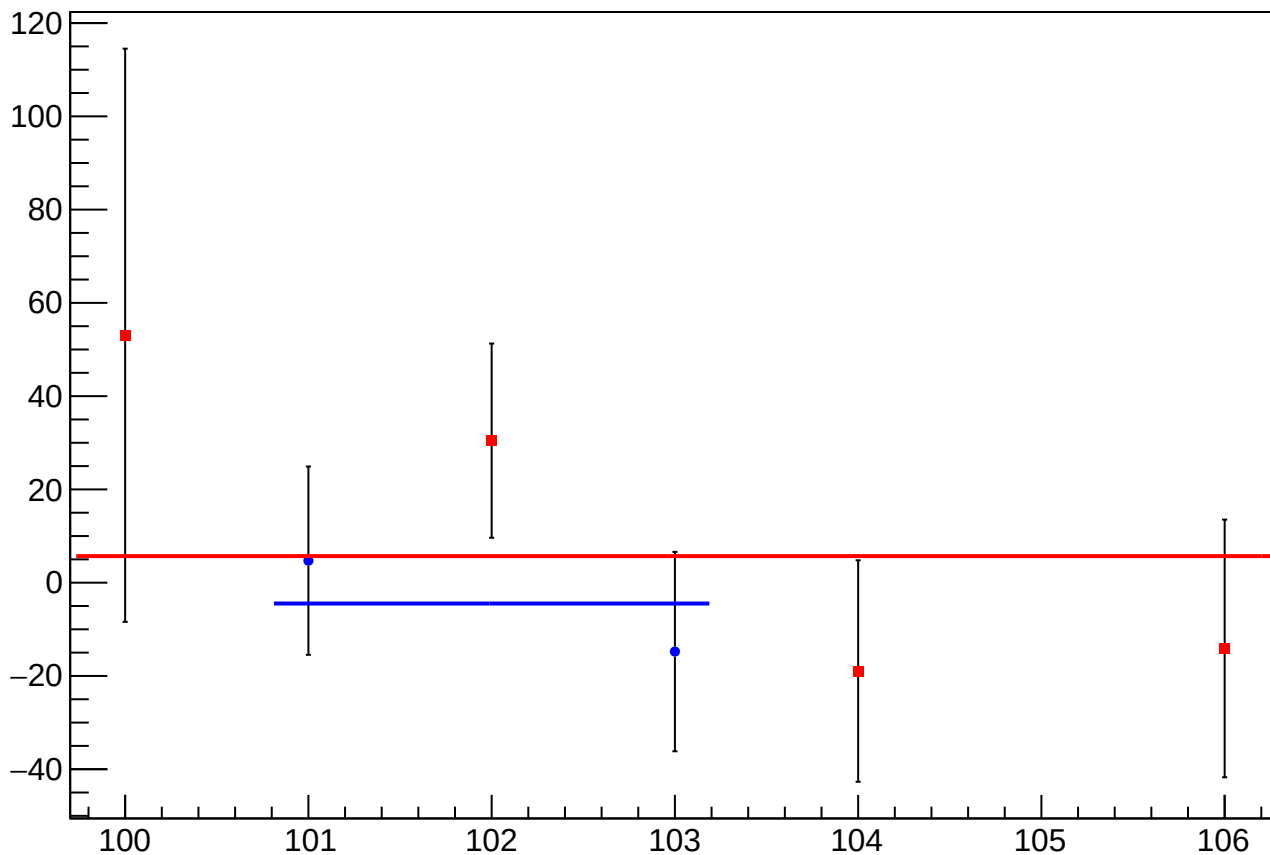
Right: 249.734+/-0.108 χ^2/NDF : 77367.0/5

In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.734+/-0.108 χ^2/NDF : 77367.0/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.469+/-14.680 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.699+/-13.298 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

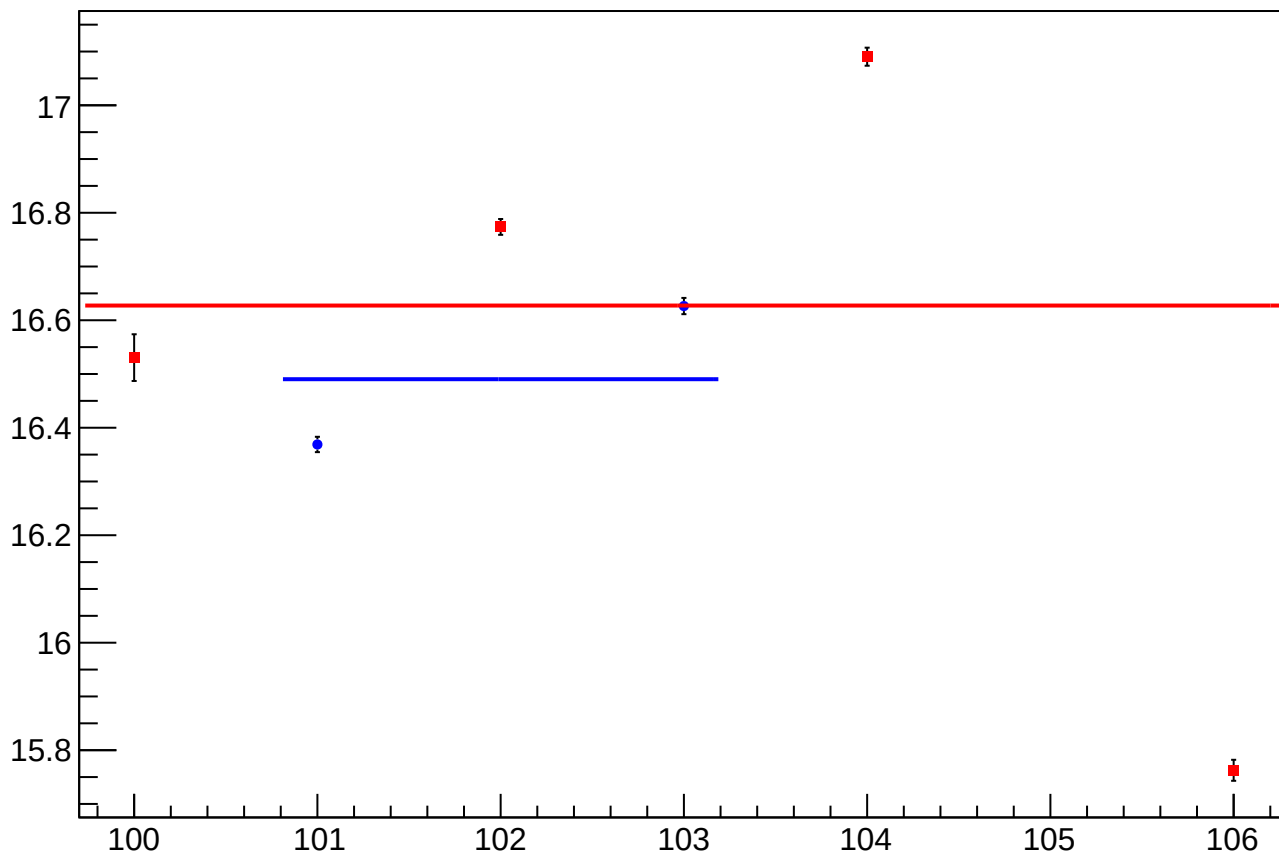
Right: 1.116+/-9.856 χ^2/NDF : 4.3/5

In: -4.469+/-14.680 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.116+/-9.856 χ^2/NDF : 4.3/5

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.490 $\pm$ 0.010 χ^2 /NDF: 153.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.627 $\pm$ 0.009 χ^2 /NDF: 2823.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

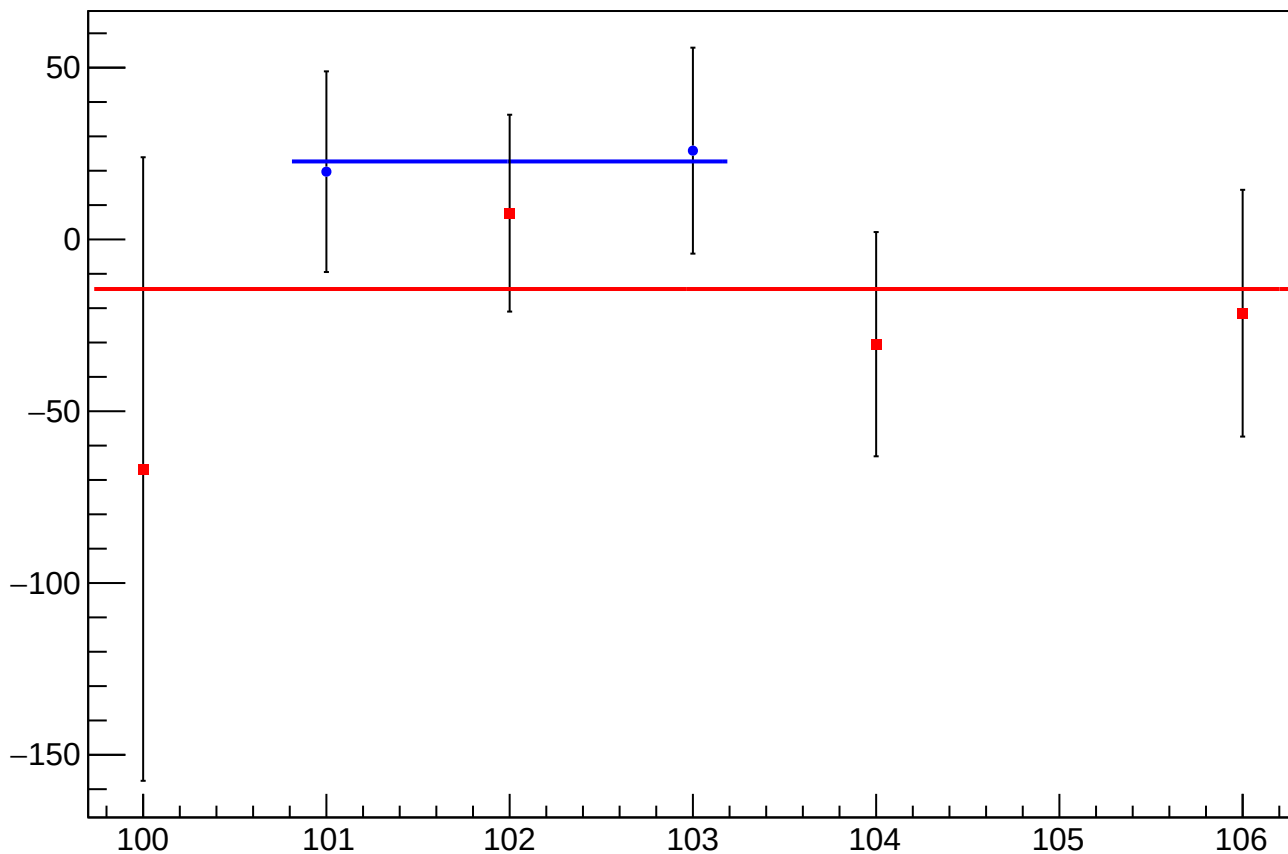
Right: 16.566 $\pm$ 0.007 χ^2 /NDF: 3072.6/5

In: 16.490 $\pm$ 0.010 χ^2 /NDF:153.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.566 $\pm$ 0.007 χ^2 /NDF: 3072.6/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 22.703+/-20.916 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.424+/-18.094 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

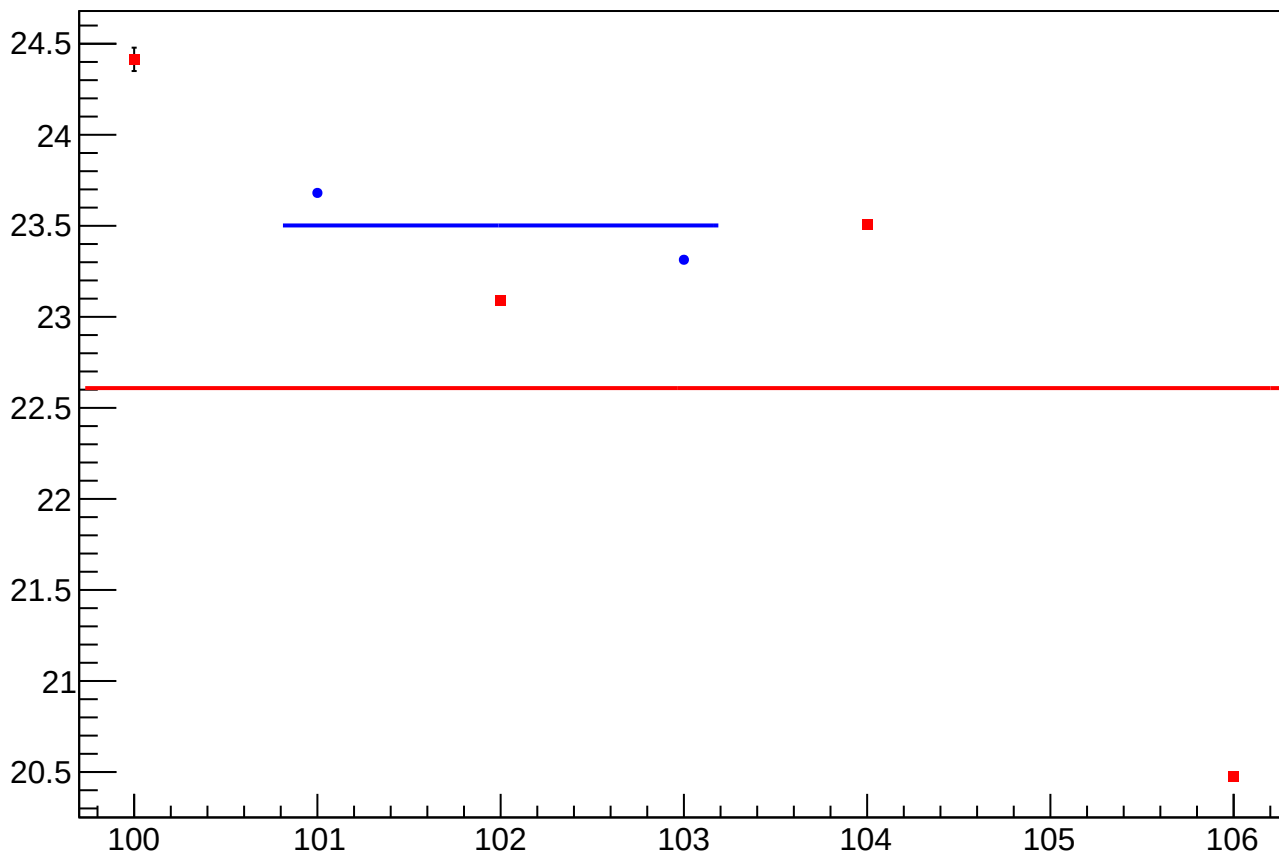
Right: 1.468+/-13.684 χ^2/NDF : 3.0/5

In: 22.703+/-20.916 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.468+/-13.684 χ^2/NDF : 3.0/5

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.502 $\pm$ 0.015 χ^2 /NDF: 153.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.609 $\pm$ 0.013 χ^2 /NDF: 9929.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

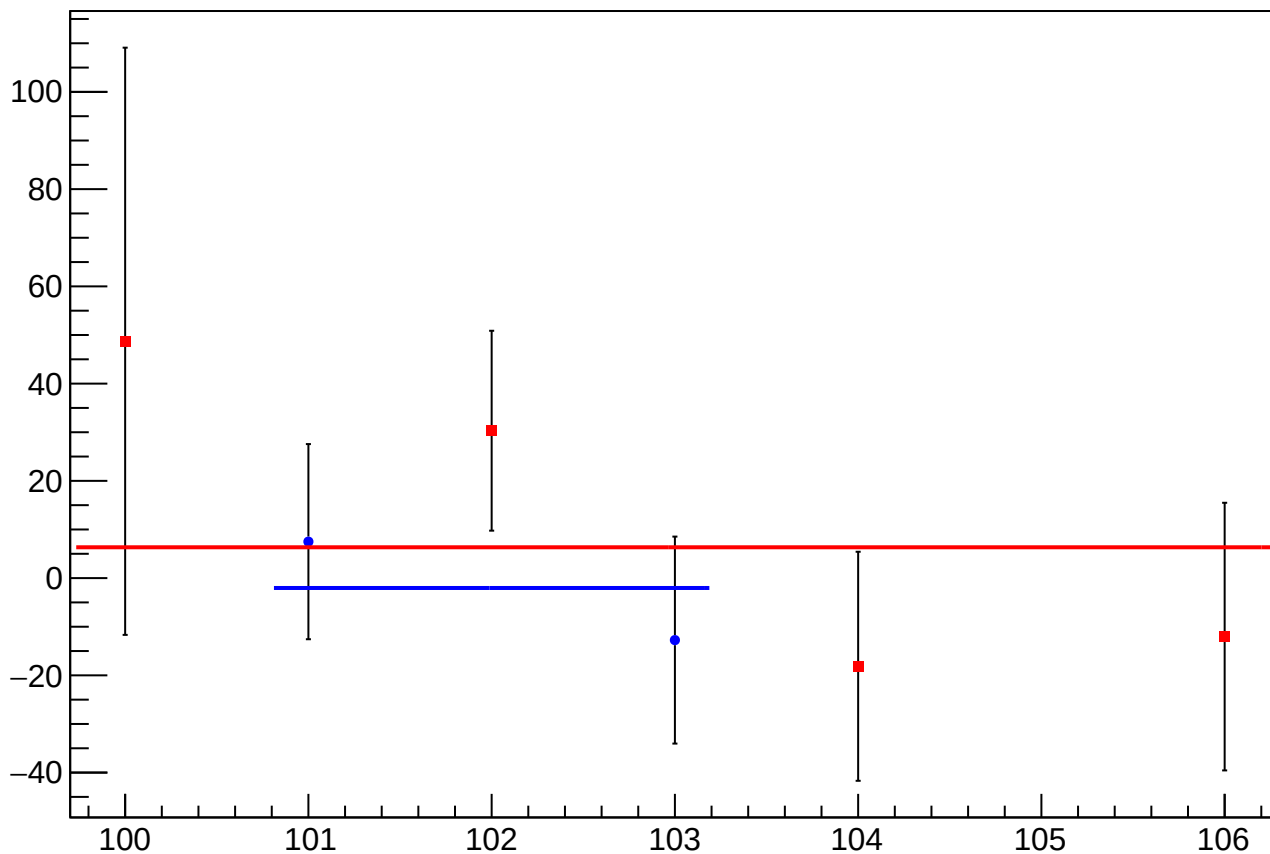
Right: 22.991 $\pm$ 0.010 χ^2 /NDF: 12170.0/5

In: 23.502 $\pm$ 0.015 χ^2 /NDF:153.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.991 $\pm$ 0.010 χ^2 /NDF: 12170.0/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.032+/-14.602 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.338+/-13.172 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

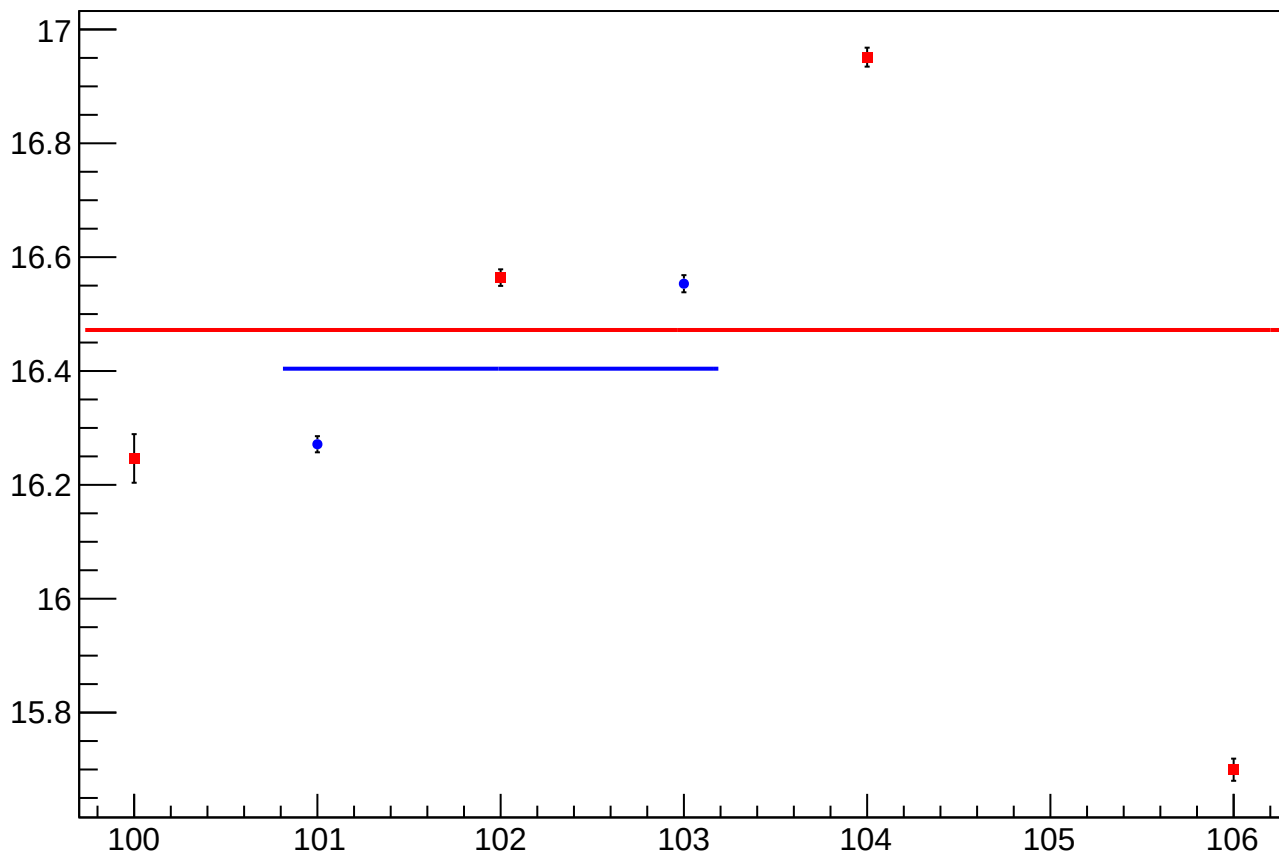
Right: 2.583+/-9.781 χ^2/NDF : 4.0/5

In: -2.032+/-14.602 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.583+/-9.781 χ^2/NDF : 4.0/5

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.404 $\pm$ 0.010 χ^2 /NDF: 185.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.472 $\pm$ 0.009 χ^2 /NDF: 2471.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

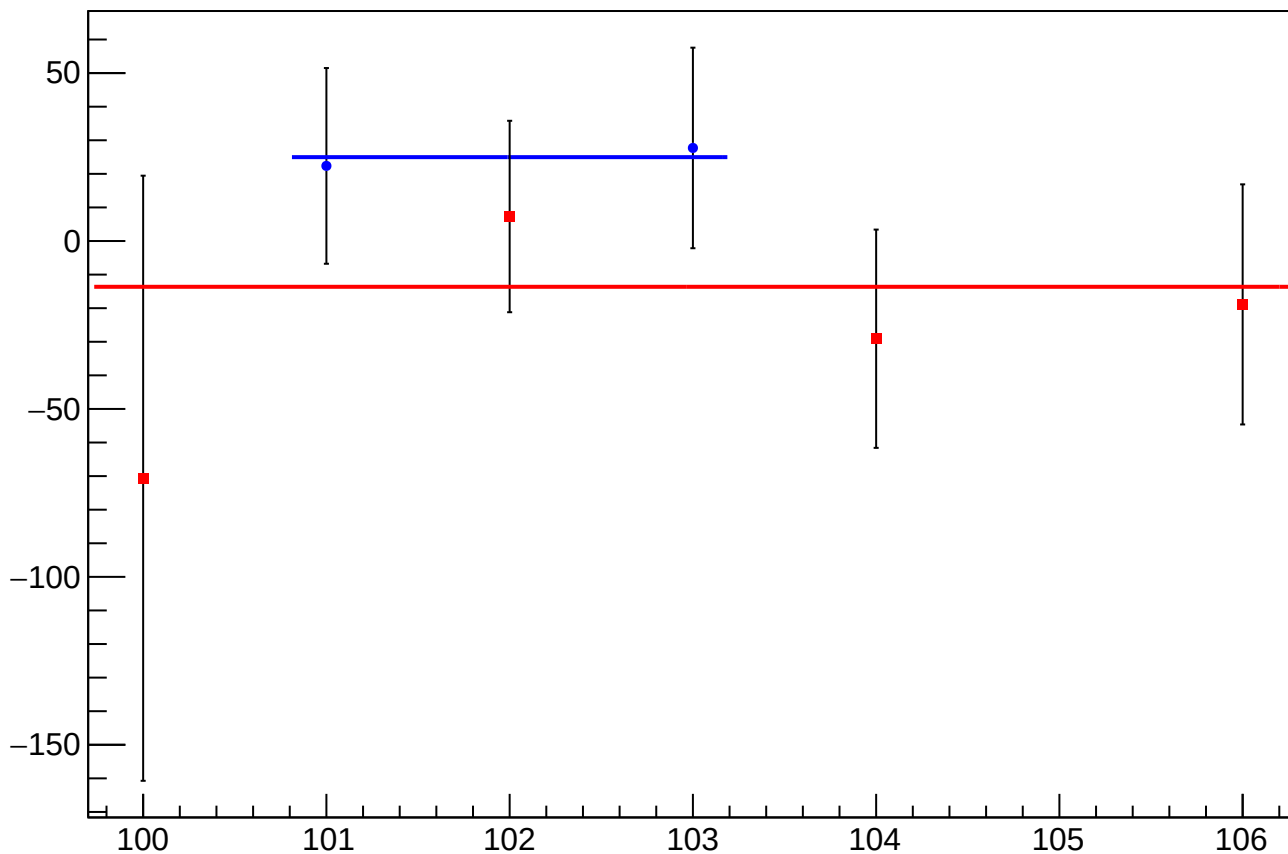
Right: 16.442 $\pm$ 0.007 χ^2 /NDF: 2681.1/5

In: 16.404 $\pm$ 0.010 χ^2 /NDF:185.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.442 $\pm$ 0.007 χ^2 /NDF: 2681.1/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 24.975+/-20.854 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.630+/-18.008 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

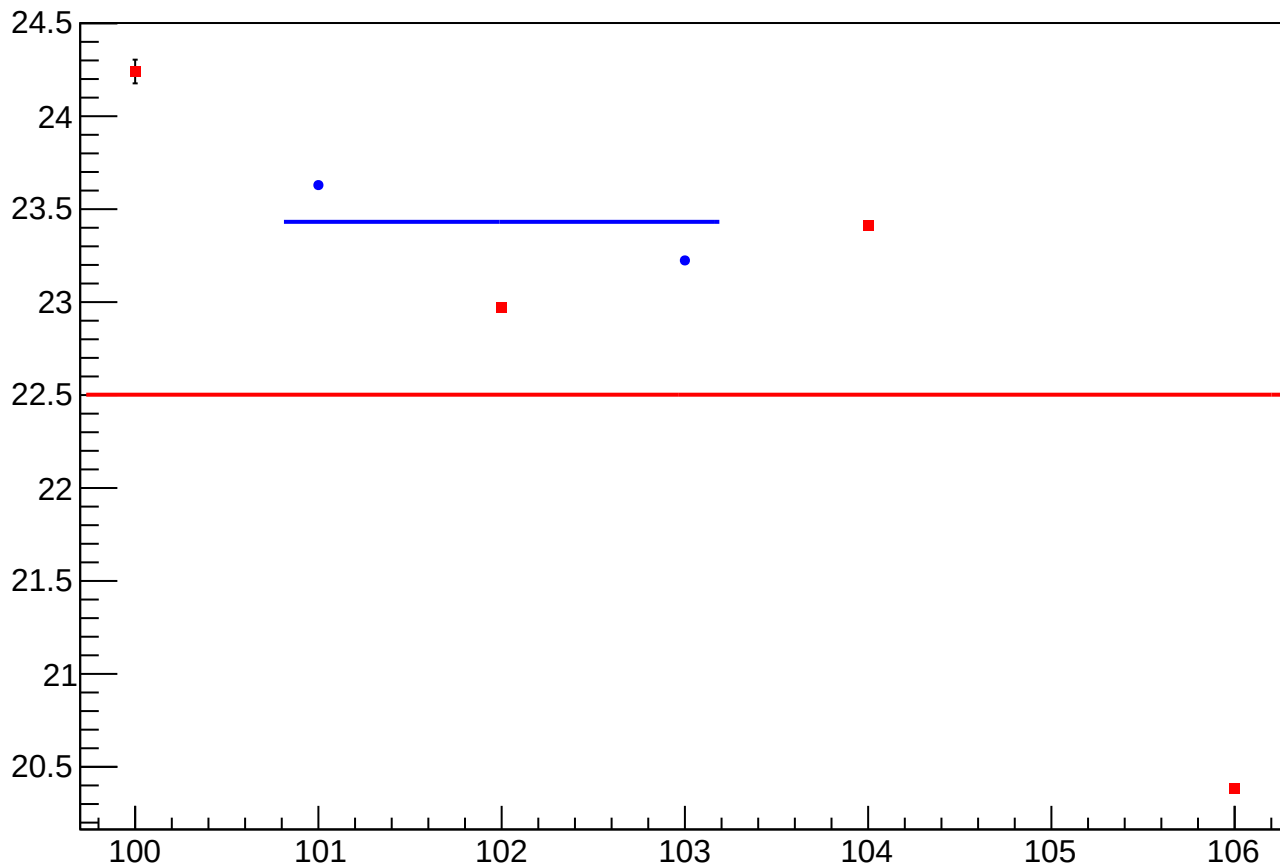
Right: 2.860+/-13.630 χ^2/NDF : 3.2/5

In: 24.975+/-20.854 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.860+/-13.630 χ^2/NDF : 3.2/5

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.432+/-0.015 χ^2/NDF : 188.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.502+/-0.013 χ^2/NDF : 9868.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

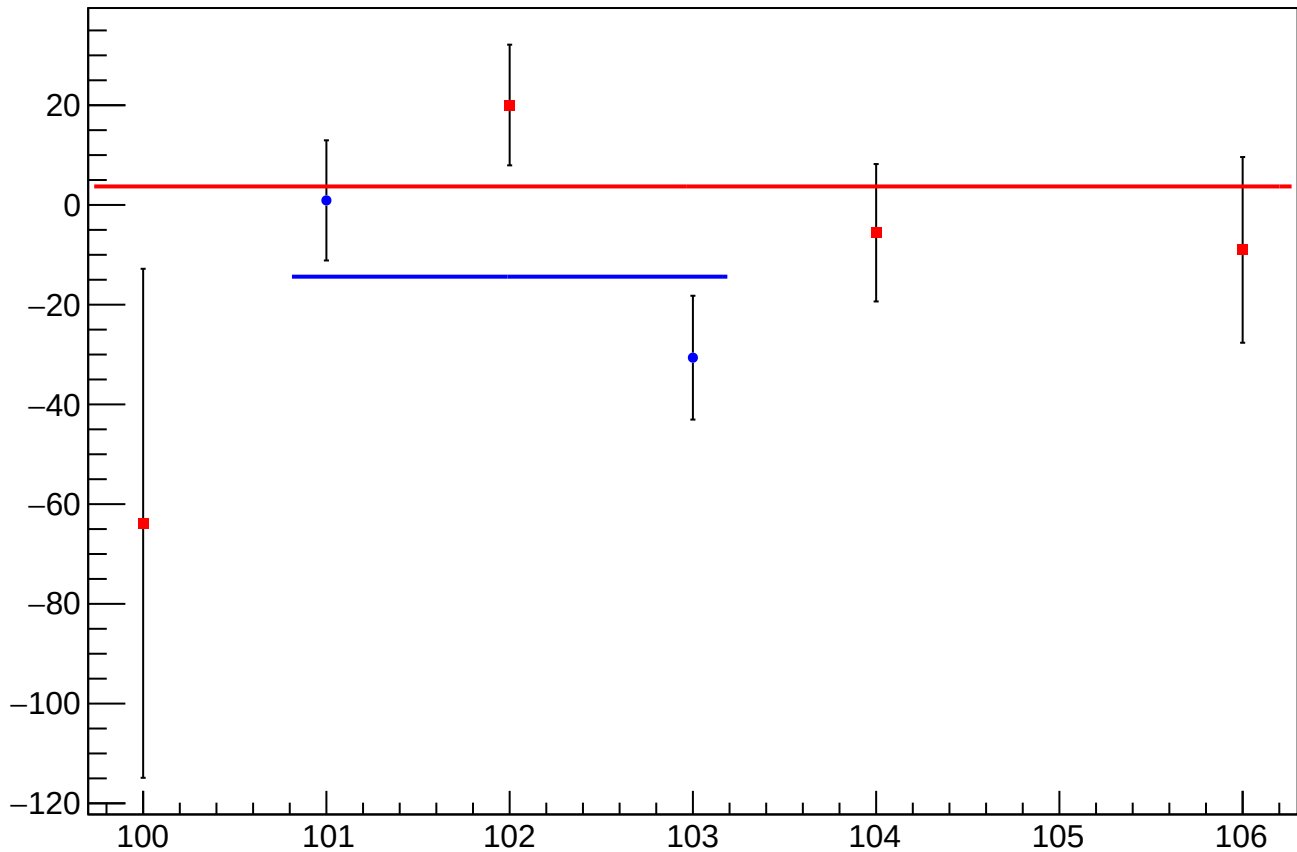
Right: 22.899+/-0.010 χ^2/NDF : 12335.1/5

In: 23.432+/-0.015 χ^2/NDF : 188.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.899+/-0.010 χ^2/NDF : 12335.1/5

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.711+/-8.067 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

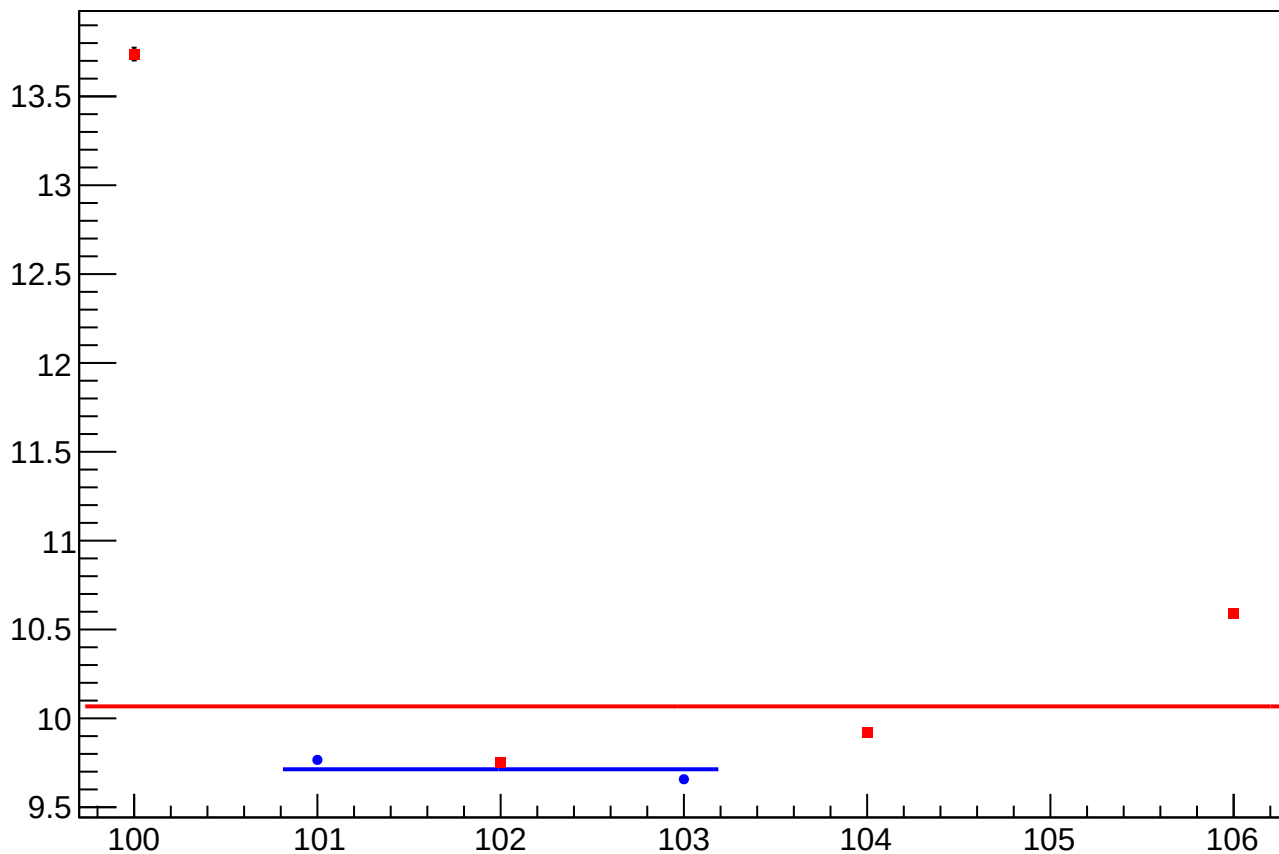
Right: -4.709+/-5.899 χ^2/NDF : 10.2/5

In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.709+/-5.899 χ^2/NDF : 10.2/5

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.713 ± 0.006 $\chi^2/\text{NDF}: 79.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 10.067 ± 0.006 $\chi^2/\text{NDF}: 13508.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

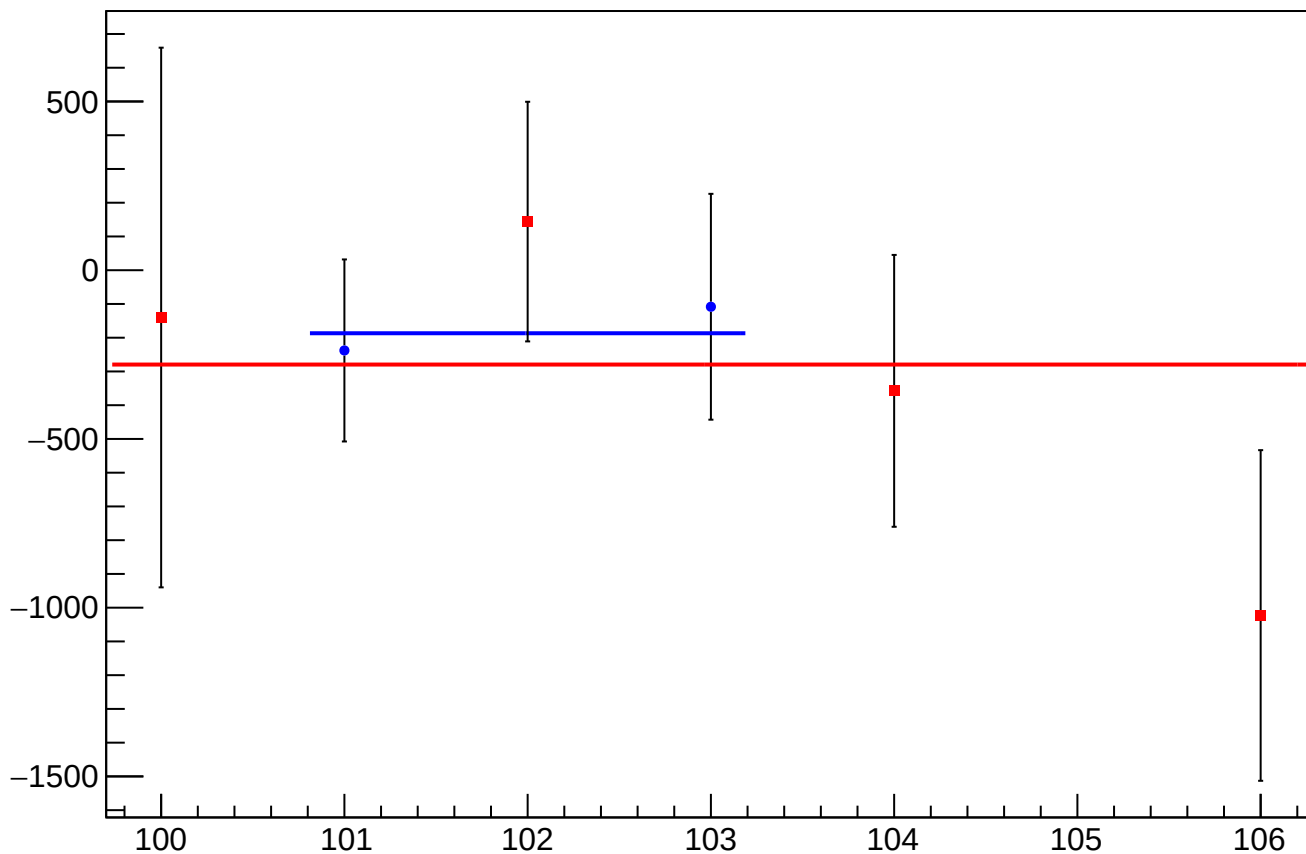
Right: 9.903 ± 0.004 $\chi^2/\text{NDF}: 15378.2/5$

In: 9.713 ± 0.006 $\chi^2/\text{NDF}: 79.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.903 ± 0.004 $\chi^2/\text{NDF}: 15378.2/5$

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -186.789 $\pm$ 209.988 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -279.551 $\pm$ 224.583 χ^2 /NDF: 3.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

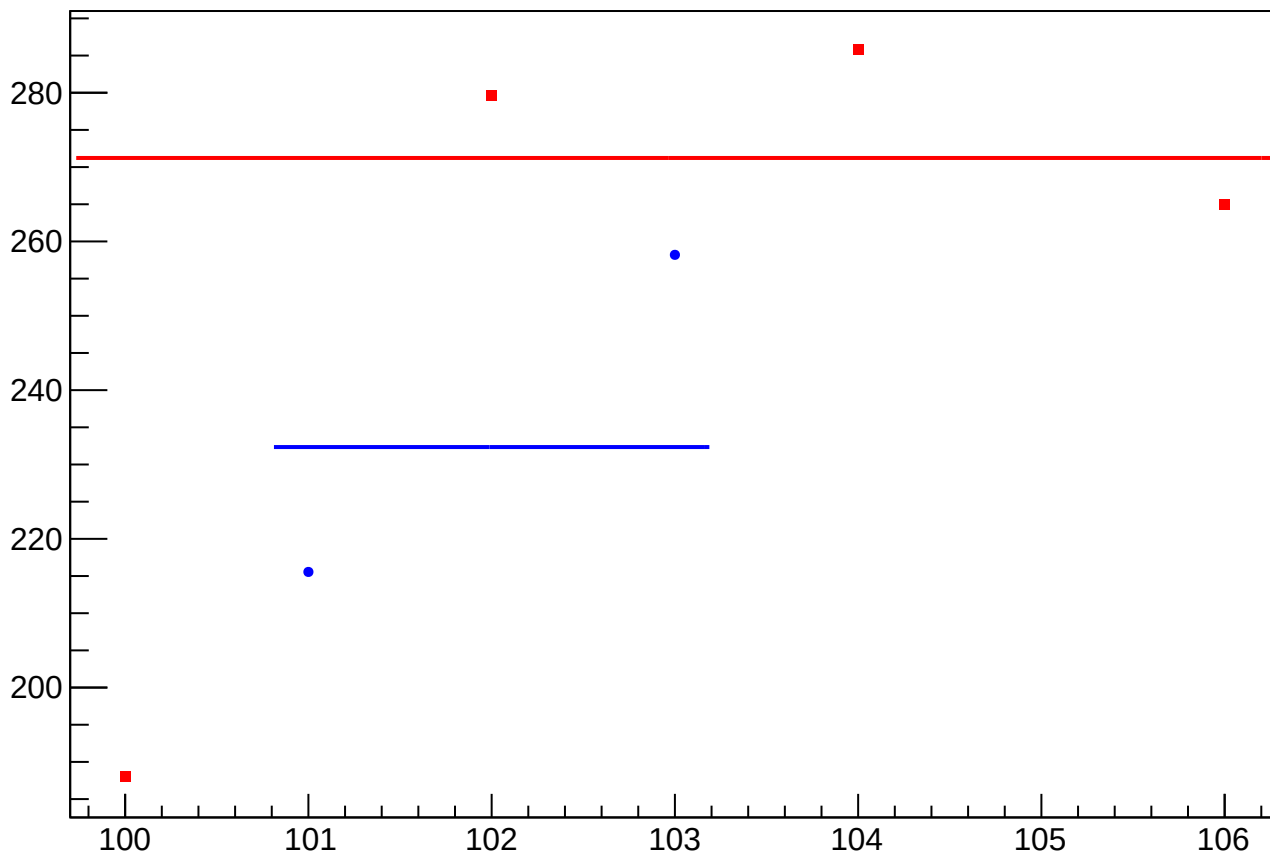
Right: -230.058 $\pm$ 153.384 χ^2 /NDF: 4.0/5

In: -186.789 $\pm$ 209.988 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -230.058 $\pm$ 153.384 χ^2 /NDF: 4.0/5

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 232.347 $\pm$ 0.148 χ^2 /NDF: 19693.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.226 $\pm$ 0.159 χ^2 /NDF: 25710.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

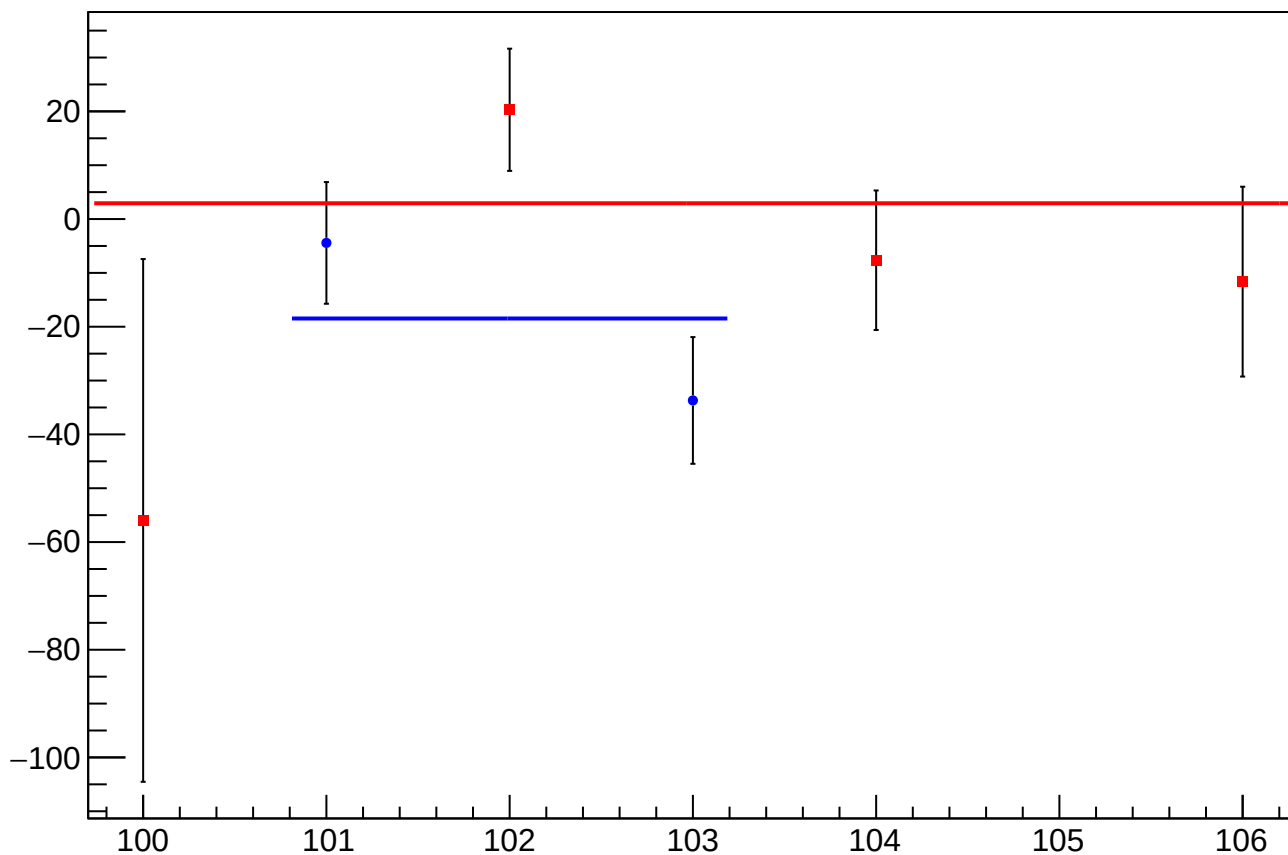
Right: 250.482 $\pm$ 0.108 χ^2 /NDF: 77385.2/5

In: 232.347 $\pm$ 0.148 χ^2 /NDF:19693.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.482 $\pm$ 0.108 χ^2 /NDF: 77385.2/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.472+/-8.152 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.930+/-7.589 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

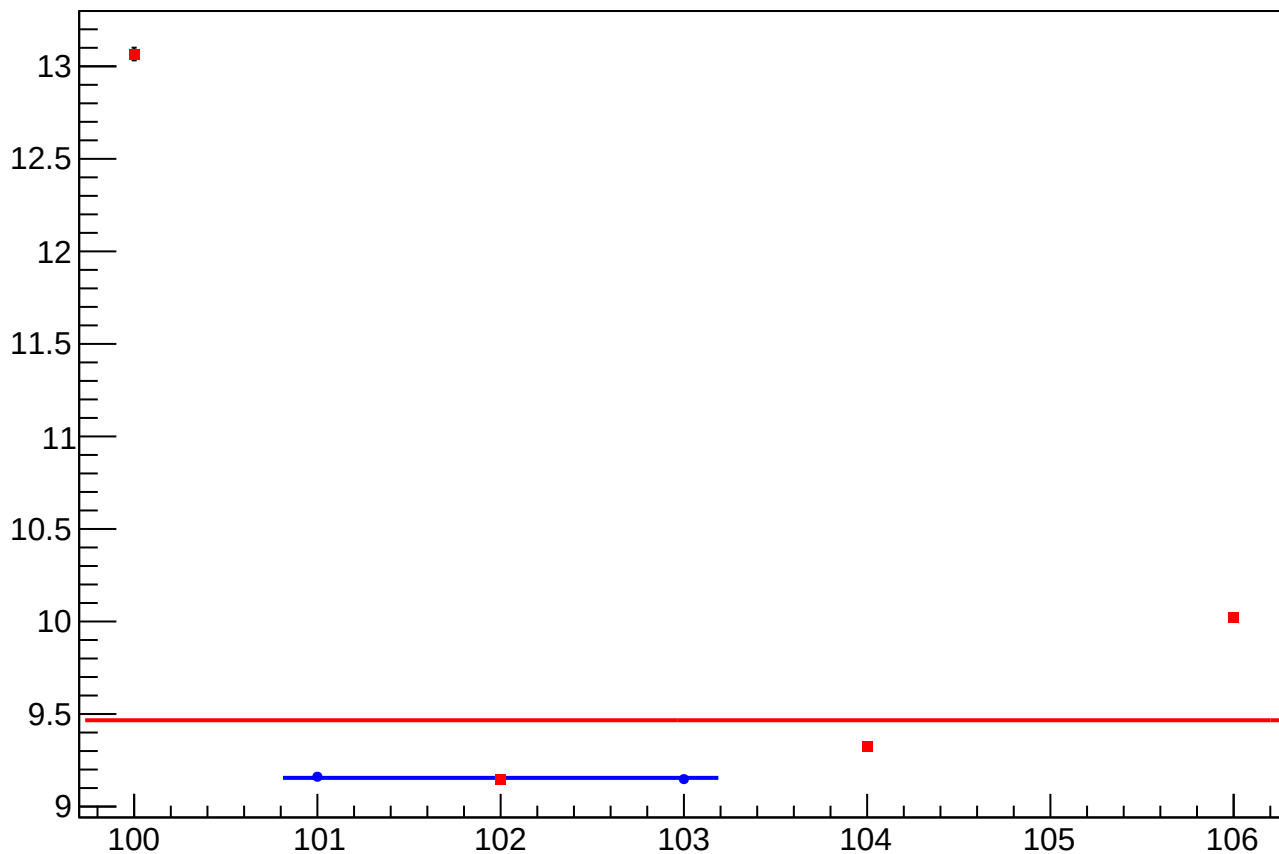
Right: -7.007+/-5.555 χ^2/NDF : 12.1/5

In: -18.472+/-8.152 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.007+/-5.555 χ^2/NDF : 12.1/5

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.466+/-0.005 χ^2/NDF : 14780.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

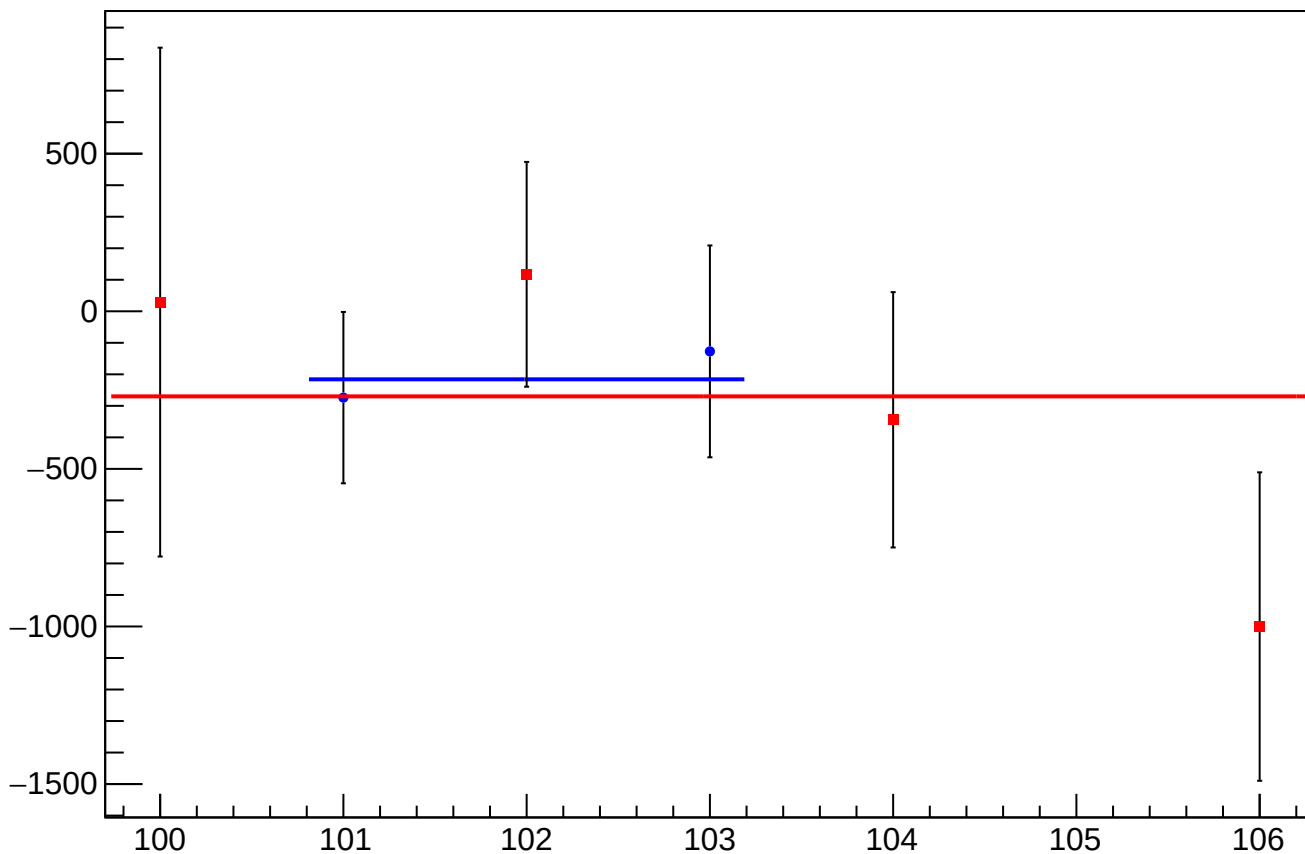
Right: 9.322+/-0.004 χ^2/NDF : 16344.8/5

In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.322+/-0.004 χ^2/NDF : 16344.8/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -215.890 $\pm$ 211.347 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -269.917 $\pm$ 225.476 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

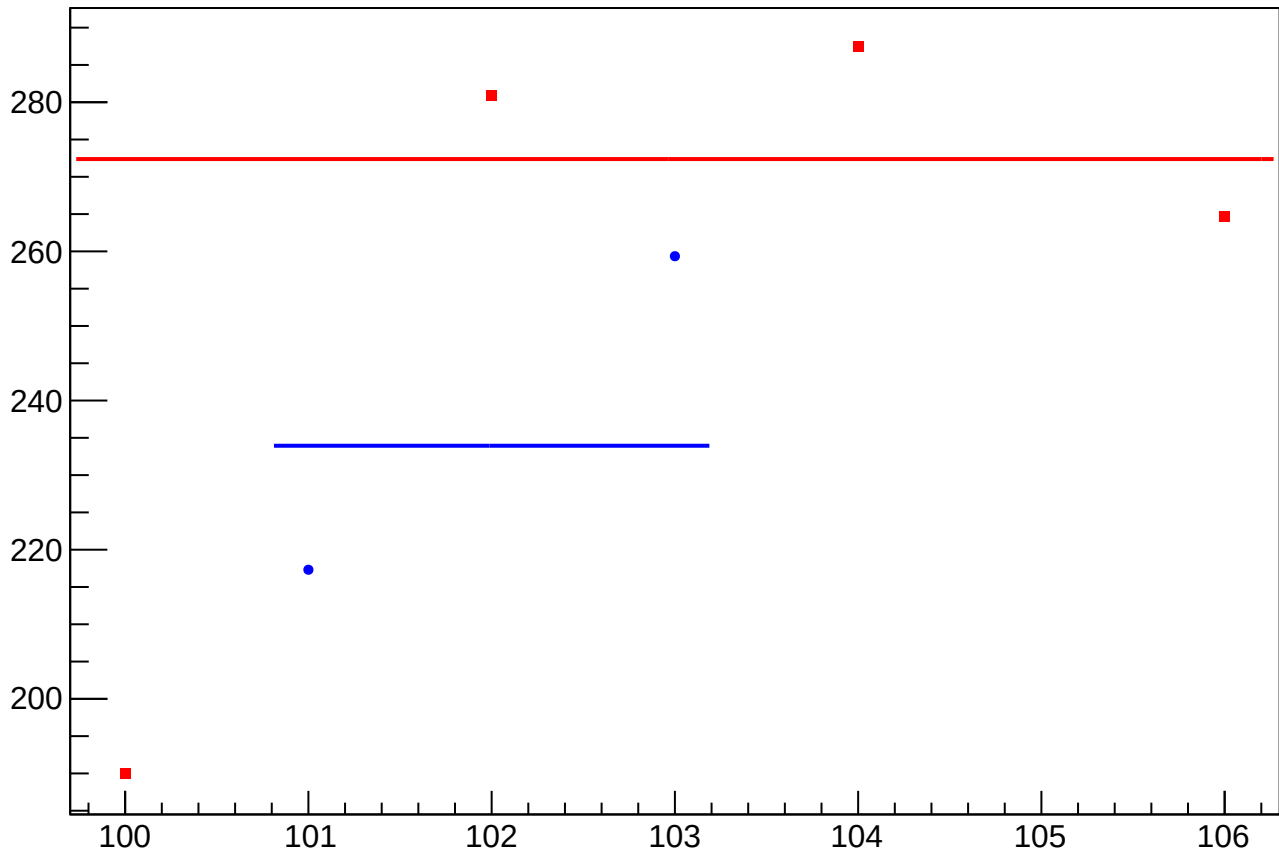
Right: -241.158 $\pm$ 154.198 χ^2 /NDF: 3.7/5

In: -215.890 $\pm$ 211.347 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -241.158 $\pm$ 154.198 χ^2 /NDF: 3.7/5

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 233.939 $\pm$ 0.149 χ^2 /NDF: 18921.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.380 $\pm$ 0.159 χ^2 /NDF: 25243.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

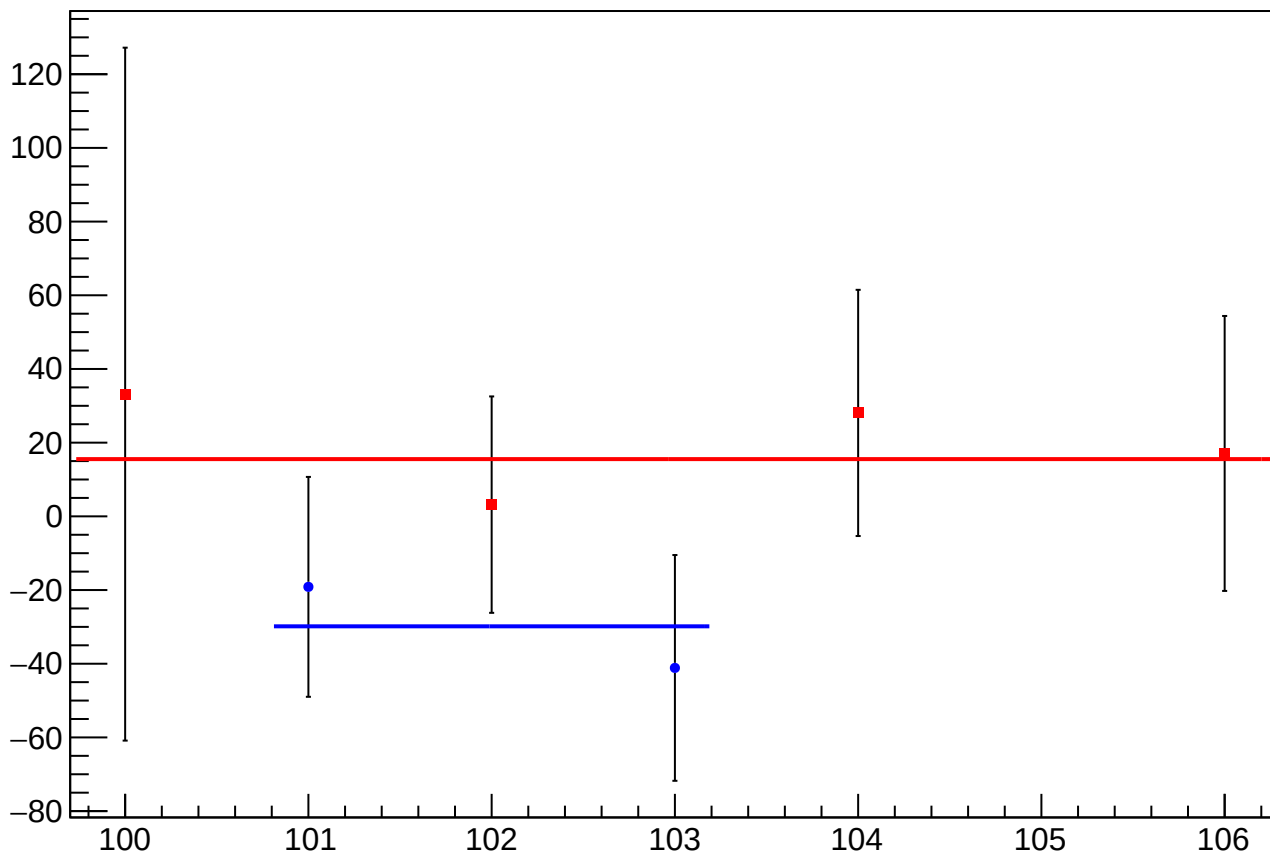
Right: 251.917 $\pm$ 0.109 χ^2 /NDF: 75109.8/5

In: 233.939 $\pm$ 0.149 χ^2 /NDF: 18921.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.917 $\pm$ 0.109 χ^2 /NDF: 75109.8/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -29.849 $\pm$ 21.377 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.535 $\pm$ 18.612 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

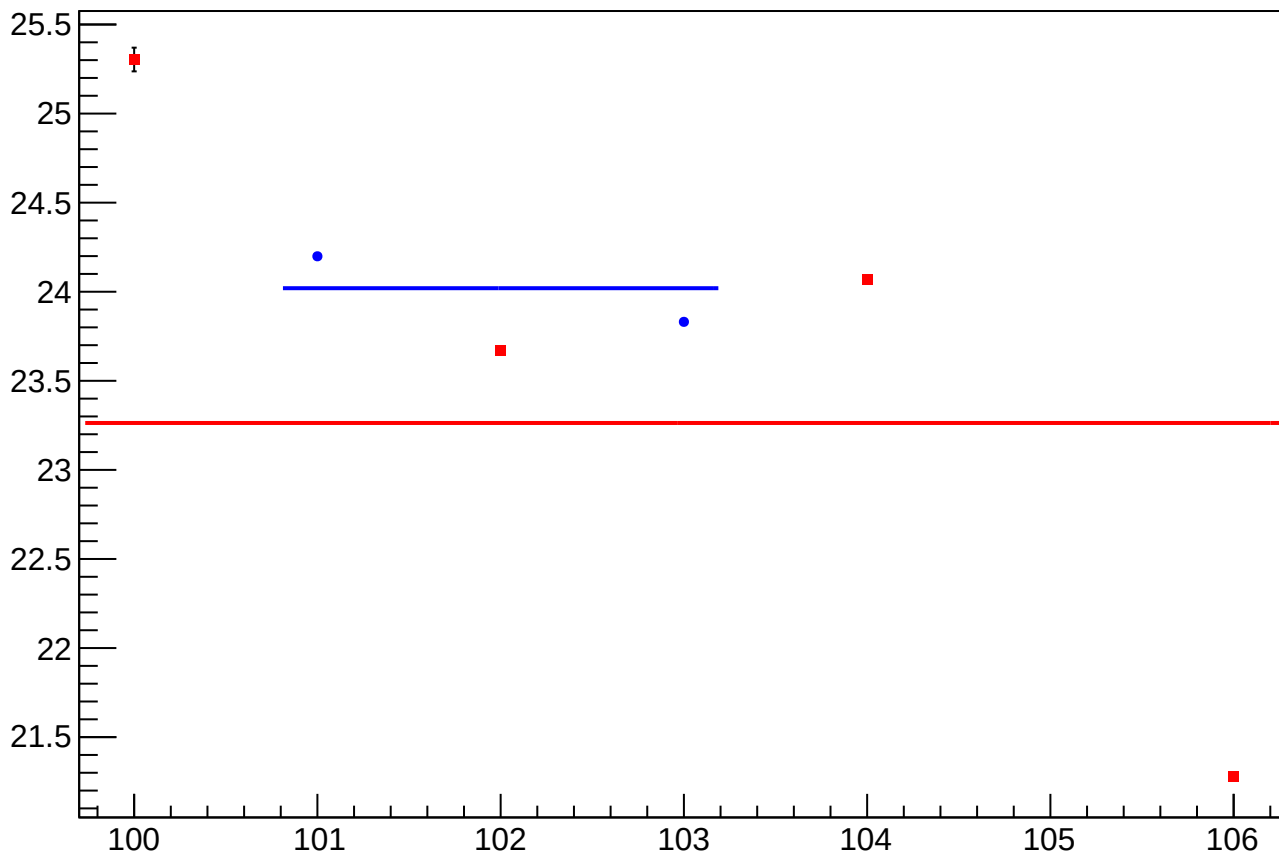
Right: -4.034 $\pm$ 14.037 χ^2 /NDF: 3.2/5

In: -29.849 $\pm$ 21.377 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.034 $\pm$ 14.037 χ^2 /NDF: 3.2/5

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.020 $\pm$ 0.015 χ^2 /NDF: 148.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.263 $\pm$ 0.013 χ^2 /NDF: 8129.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

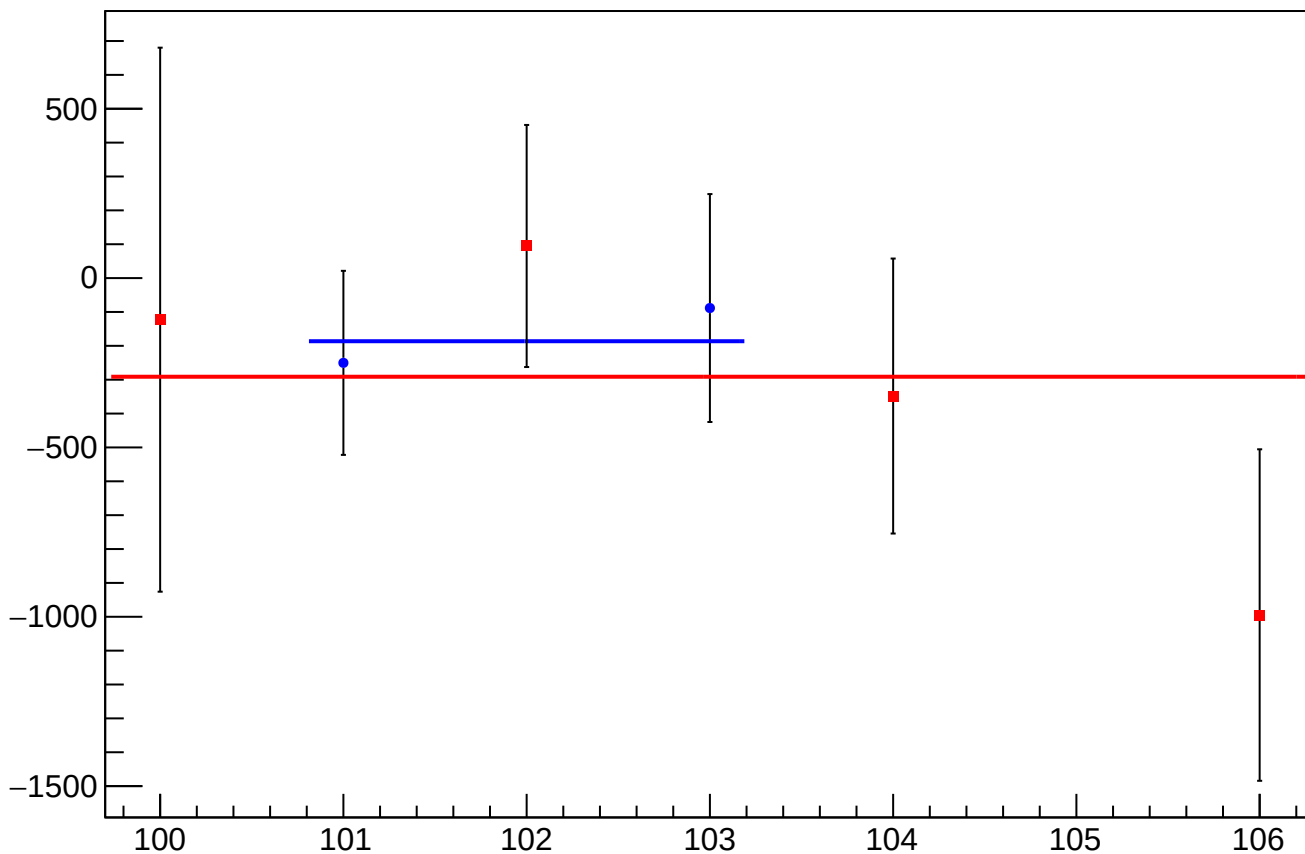
Right: 23.590 $\pm$ 0.010 χ^2 /NDF: 9701.9/5

In: 24.020 $\pm$ 0.015 χ^2 /NDF:148.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.590 $\pm$ 0.010 χ^2 /NDF: 9701.9/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -186.390+/-211.397 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -291.246+/-225.746 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

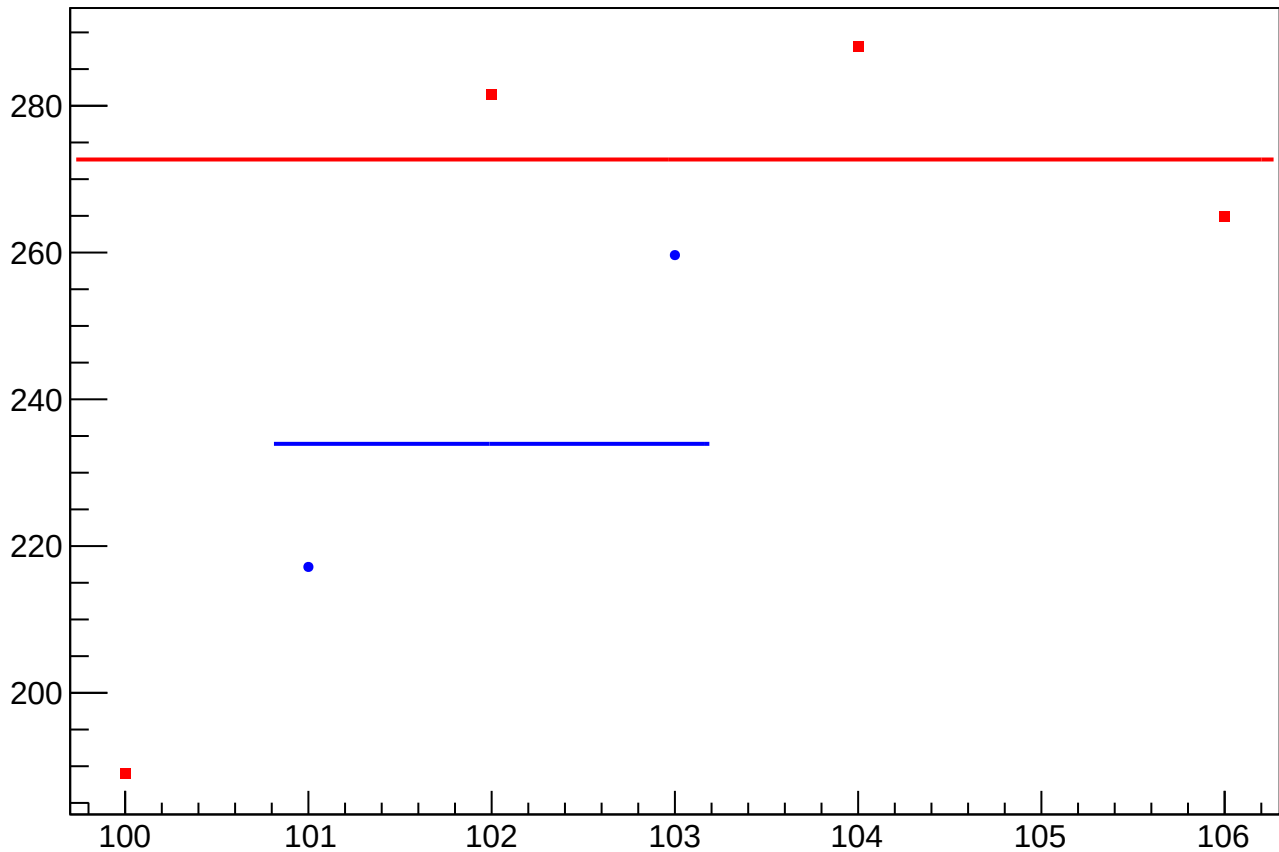
Right: -235.380+/-154.304 χ^2/NDF : 3.6/5

In: -186.390+/-211.397 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.380+/-154.304 χ^2/NDF : 3.6/5

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 233.932 $\pm$ 0.149 χ^2 /NDF: 19306.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.680 $\pm$ 0.160 χ^2 /NDF: 26291.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

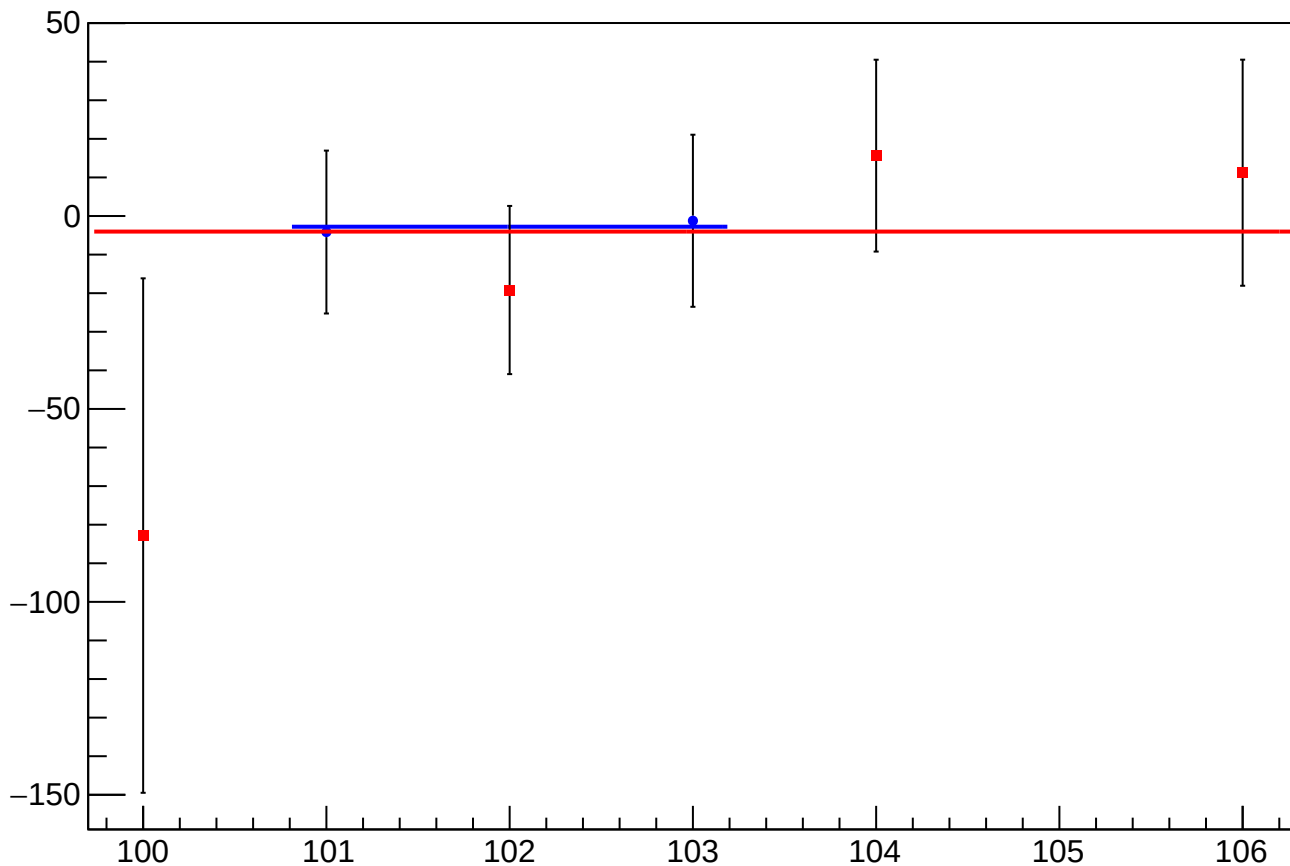
Right: 252.036 $\pm$ 0.109 χ^2 /NDF: 76992.1/5

In: 233.932 $\pm$ 0.149 χ^2 /NDF: 19306.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 252.036 $\pm$ 0.109 χ^2 /NDF: 76992.1/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.034+/-13.985 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

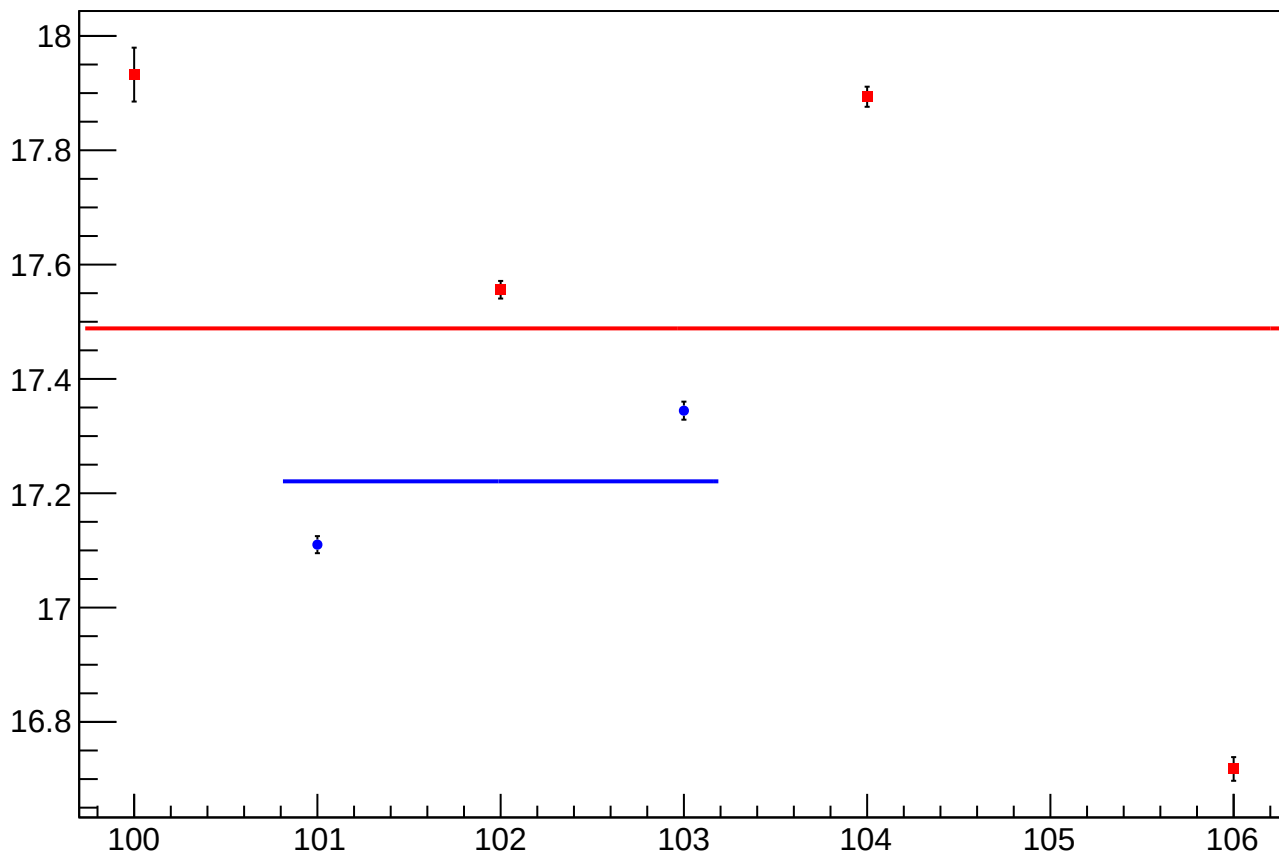
Right: -3.461+/-10.331 χ^2/NDF : 2.8/5

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.461+/-10.331 χ^2/NDF : 2.8/5

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.221+/-0.011 χ^2 /NDF: 116.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.488+/-0.010 χ^2 /NDF: 2023.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

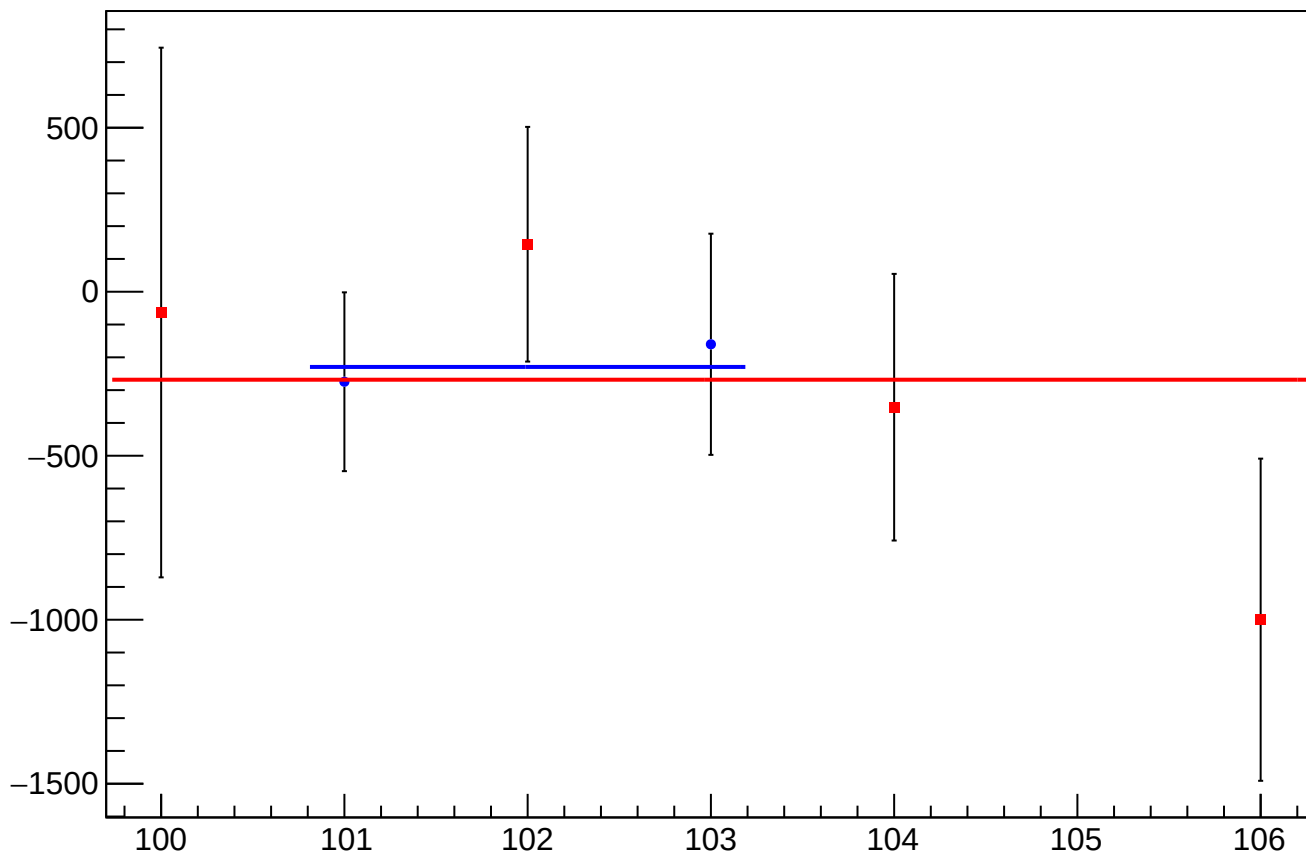
Right: 17.367+/-0.007 χ^2 /NDF: 2472.4/5

In: 17.221+/-0.011 χ^2 /NDF:116.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.367+/-0.007 χ^2 /NDF: 2472.4/5

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -229.288 $\pm$ 211.969 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -268.244 $\pm$ 226.189 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

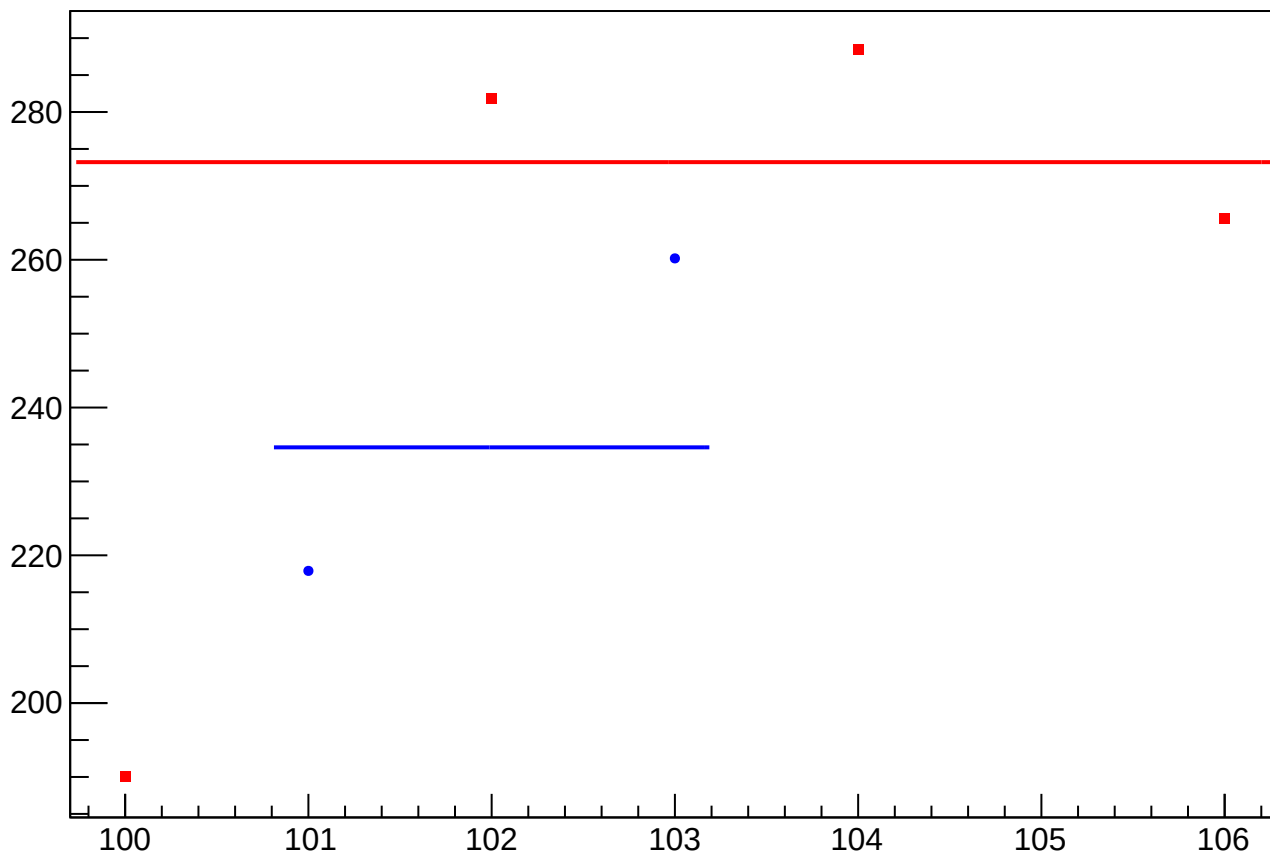
Right: -247.503 $\pm$ 154.668 χ^2 /NDF: 3.7/5

In: -229.288 $\pm$ 211.969 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -247.503 $\pm$ 154.668 χ^2 /NDF: 3.7/5

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 273.215 $\pm$ 0.160 χ^2 /NDF: 25655.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

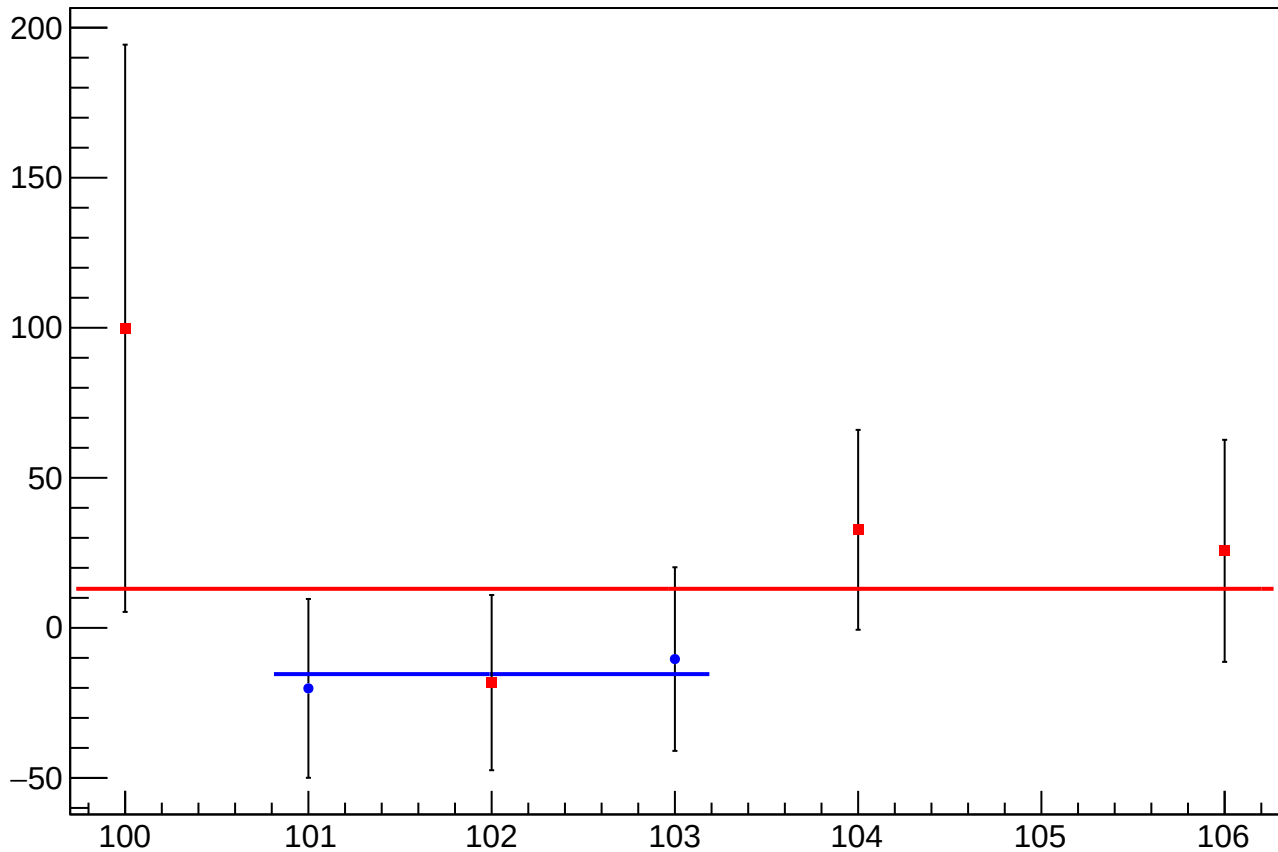
Right: 252.662 $\pm$ 0.109 χ^2 /NDF: 75704.7/5

In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 252.662 $\pm$ 0.109 χ^2 /NDF: 75704.7/5

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -15.406 $\pm$ 21.345 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.022 $\pm$ 18.513 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

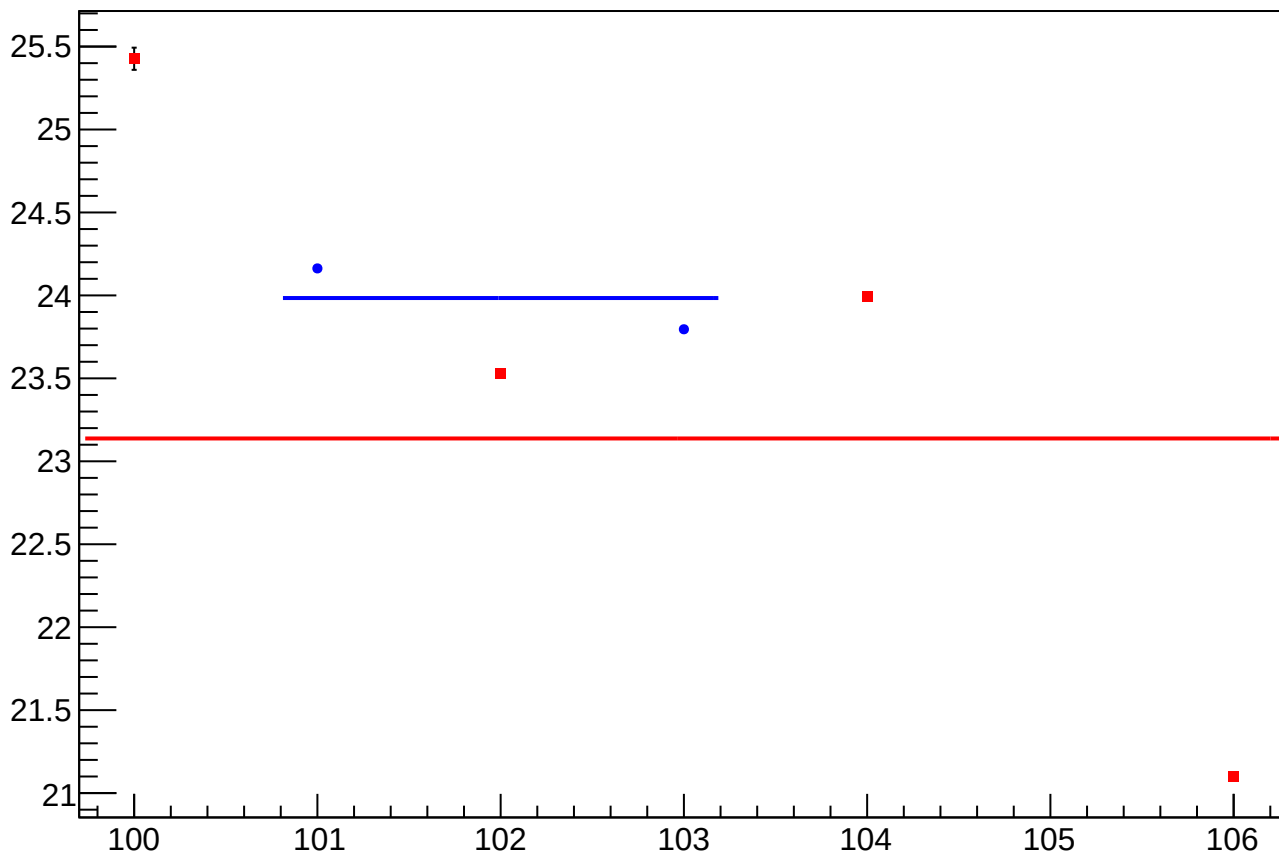
Right: 0.817 $\pm$ 13.986 χ^2 /NDF: 3.5/5

In: -15.406 $\pm$ 21.345 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.817 $\pm$ 13.986 χ^2 /NDF: 3.5/5

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.138+/-0.013 χ^2/NDF : 8917.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

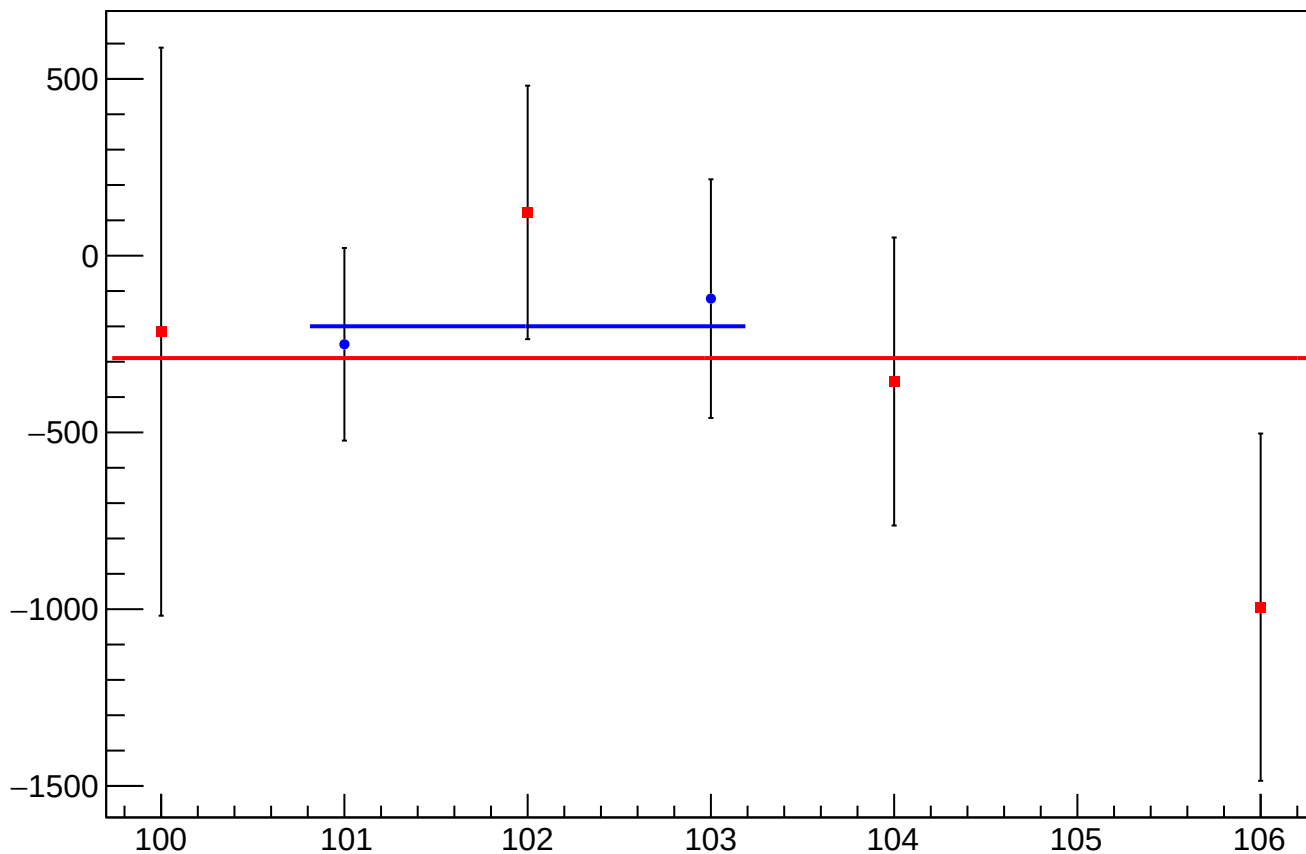
Right: 23.501+/-0.010 χ^2/NDF : 10860.4/5

In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.501+/-0.010 χ^2/NDF : 10860.4/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -289.608+/-226.458 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

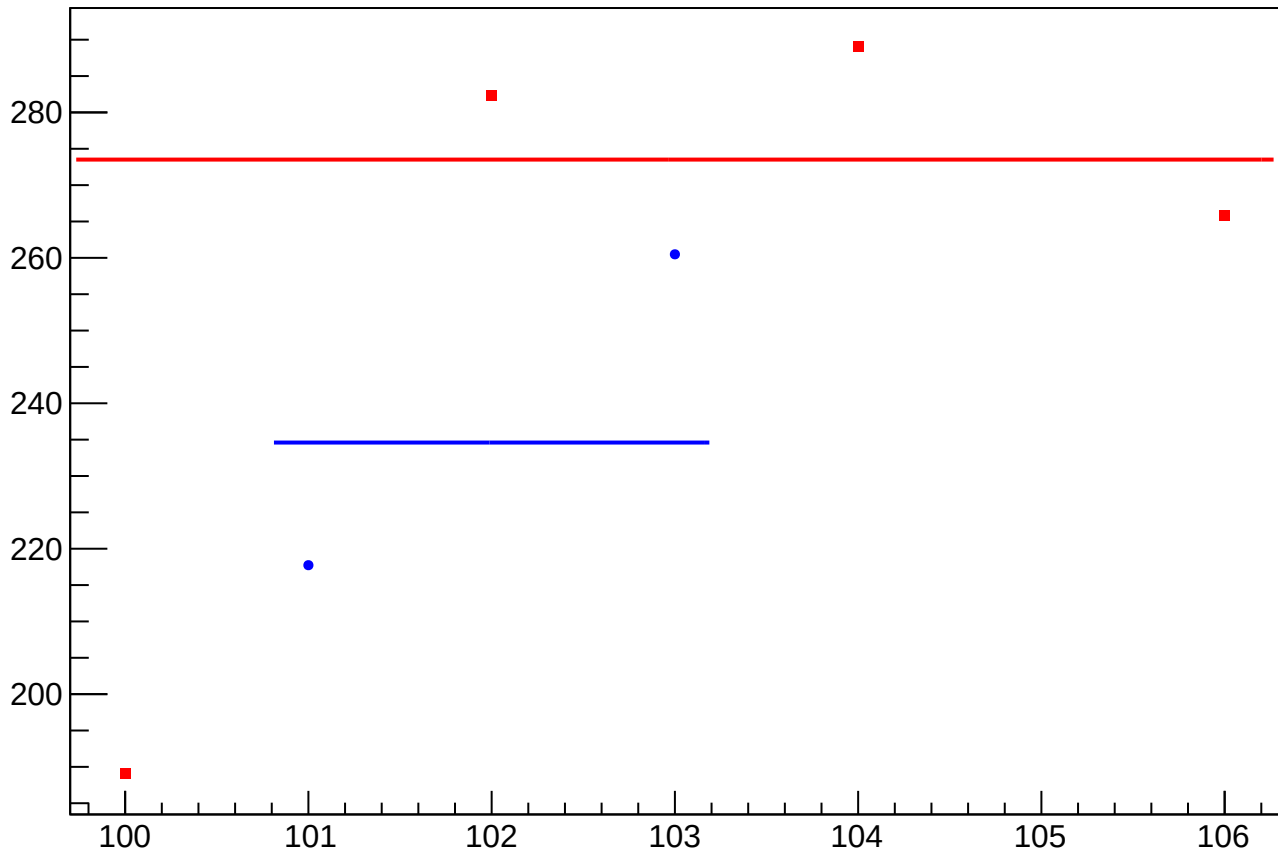
Right: -241.696+/-154.772 χ^2/NDF : 3.6/5

In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.696+/-154.772 χ^2/NDF : 3.6/5

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 234.600 $\pm$ 0.150 χ^2 /NDF: 19424.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 273.513 $\pm$ 0.160 χ^2 /NDF: 26706.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

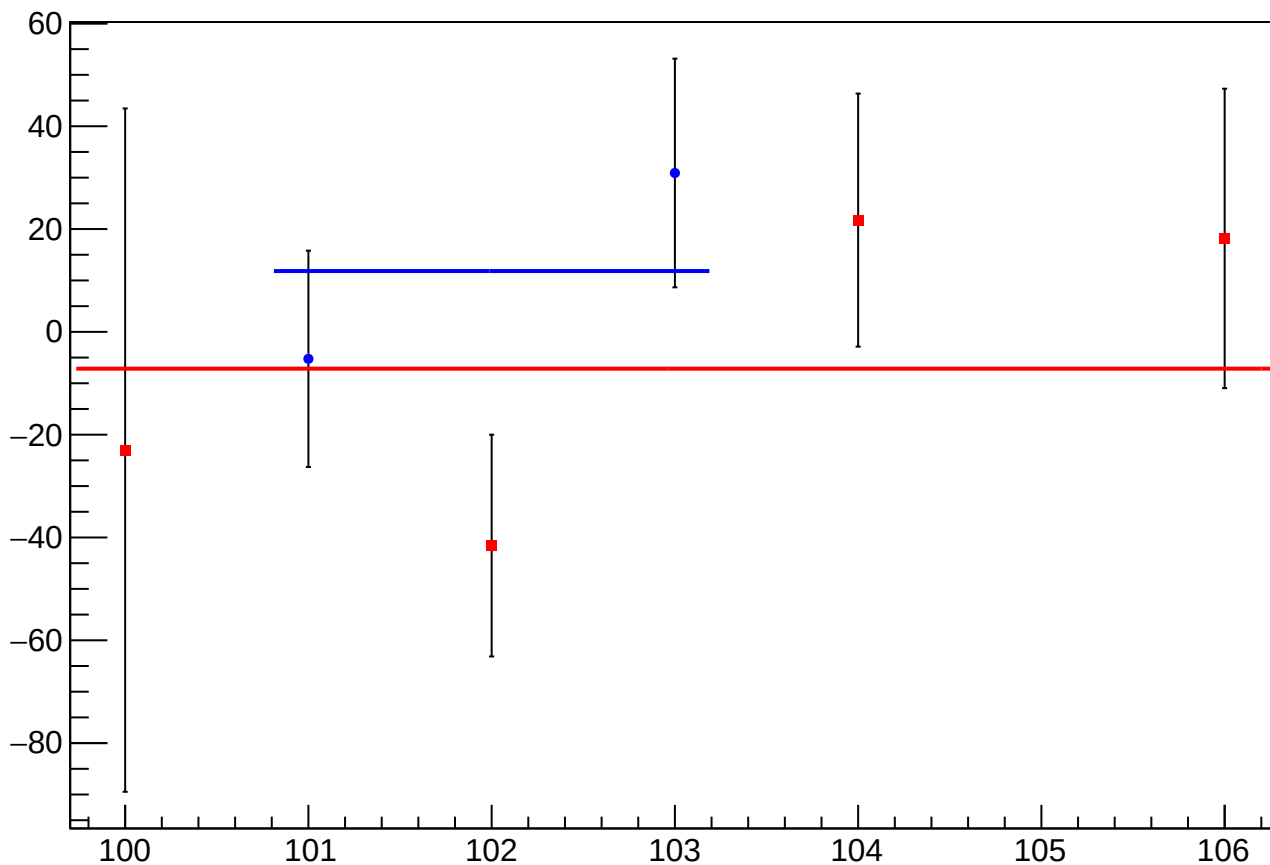
Right: 252.776 $\pm$ 0.109 χ^2 /NDF: 77599.7/5

In: 234.600 $\pm$ 0.150 χ^2 /NDF:19424.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.776 $\pm$ 0.109 χ^2 /NDF: 77599.7/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.157+/-13.862 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

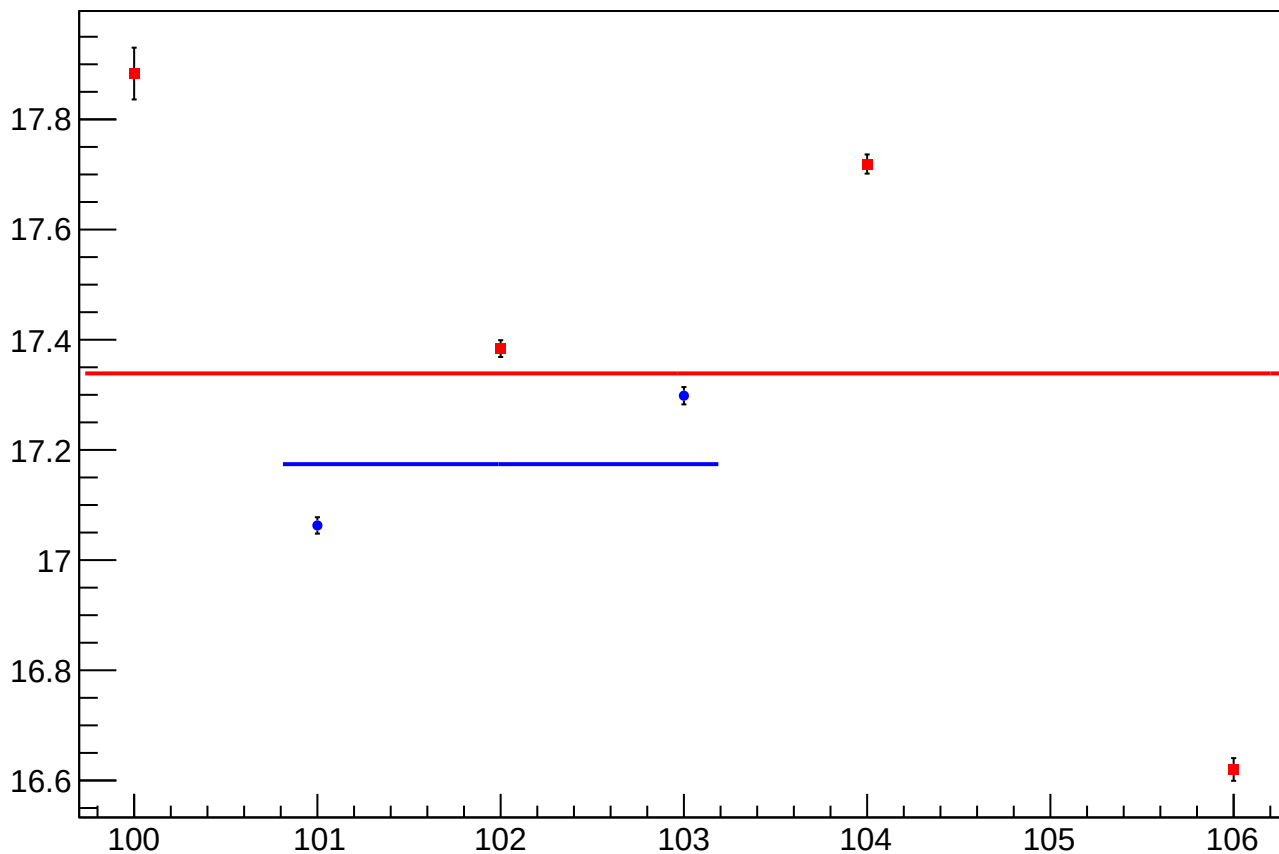
Right: 1.412+/-10.269 χ^2/NDF : 7.0/5

In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.412+/-10.269 χ^2/NDF : 7.0/5

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.174 $\pm$ 0.011 χ^2 /NDF: 118.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.339 $\pm$ 0.010 χ^2 /NDF: 1837.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

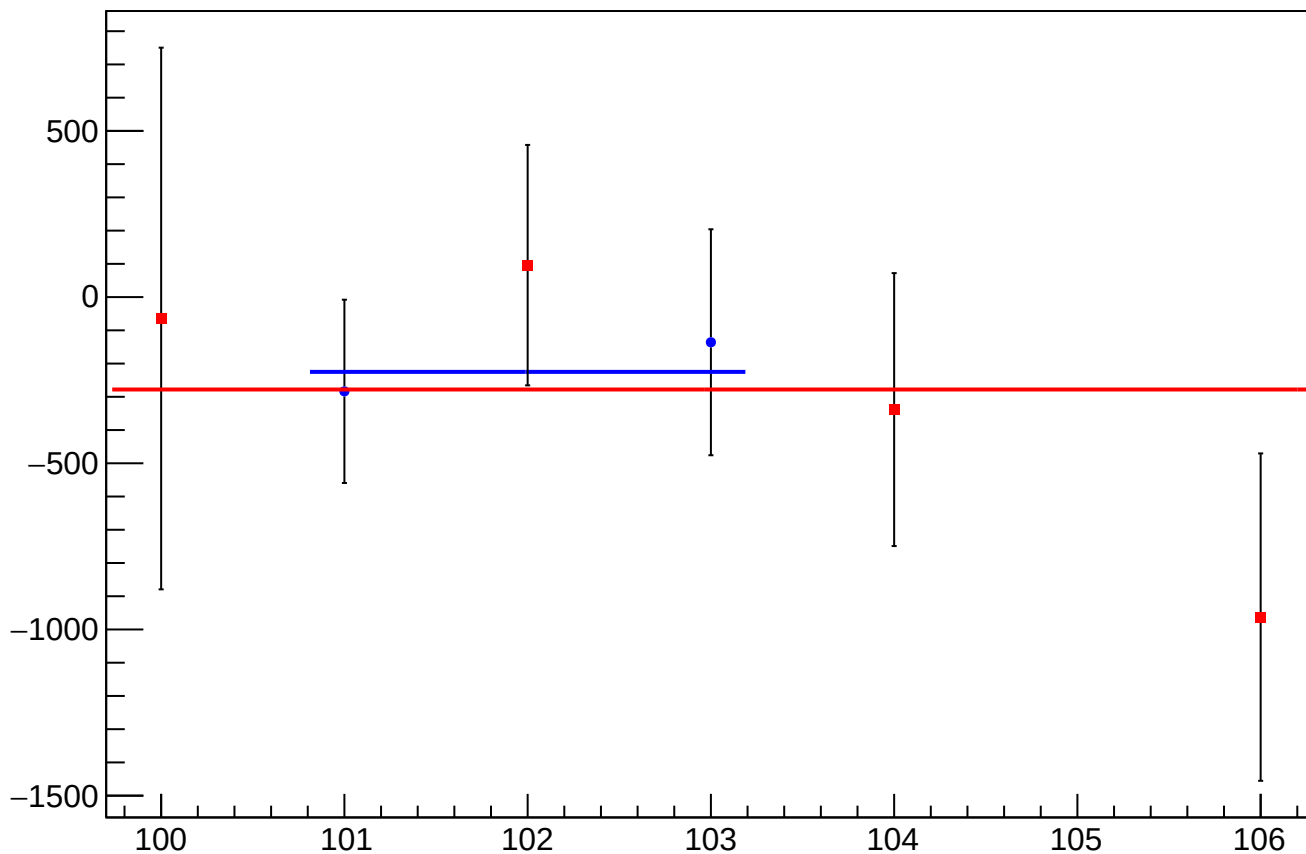
Right: 17.265 $\pm$ 0.007 χ^2 /NDF: 2083.4/5

In: 17.174 $\pm$ 0.011 χ^2 /NDF:118.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.265 $\pm$ 0.007 χ^2 /NDF: 2083.4/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -278.004 $\pm$ 228.186 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

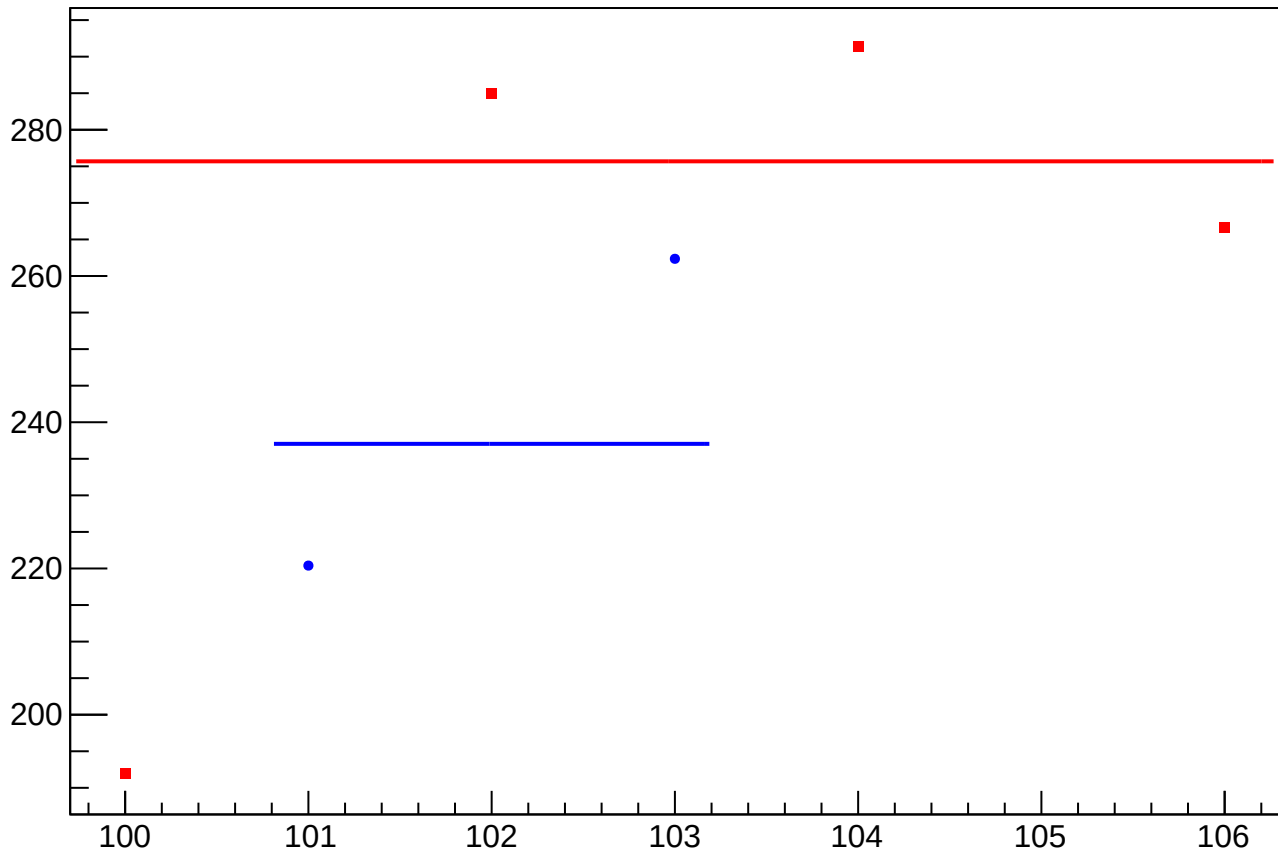
Right: -249.800 $\pm$ 156.148 χ^2 /NDF: 3.2/5

In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -249.800 $\pm$ 156.148 χ^2 /NDF: 3.2/5

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 237.044 $\pm$ 0.151 χ^2 /NDF: 18378.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.684 $\pm$ 0.161 χ^2 /NDF: 26023.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

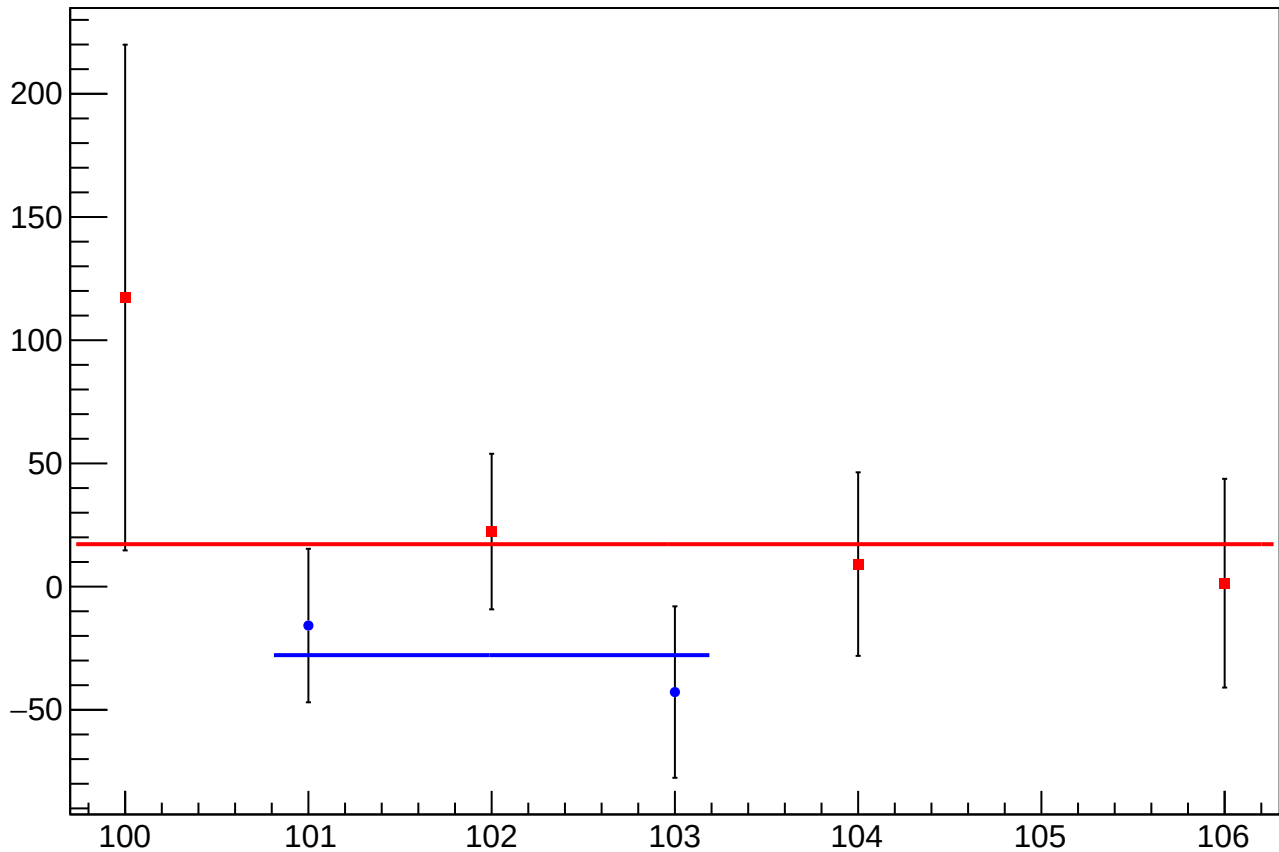
Right: 255.138 $\pm$ 0.110 χ^2 /NDF: 74896.7/5

In: 237.044 $\pm$ 0.151 χ^2 /NDF:18378.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.138 $\pm$ 0.110 χ^2 /NDF: 74896.7/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -27.807 $\pm$ 23.207 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.224 $\pm$ 20.512 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

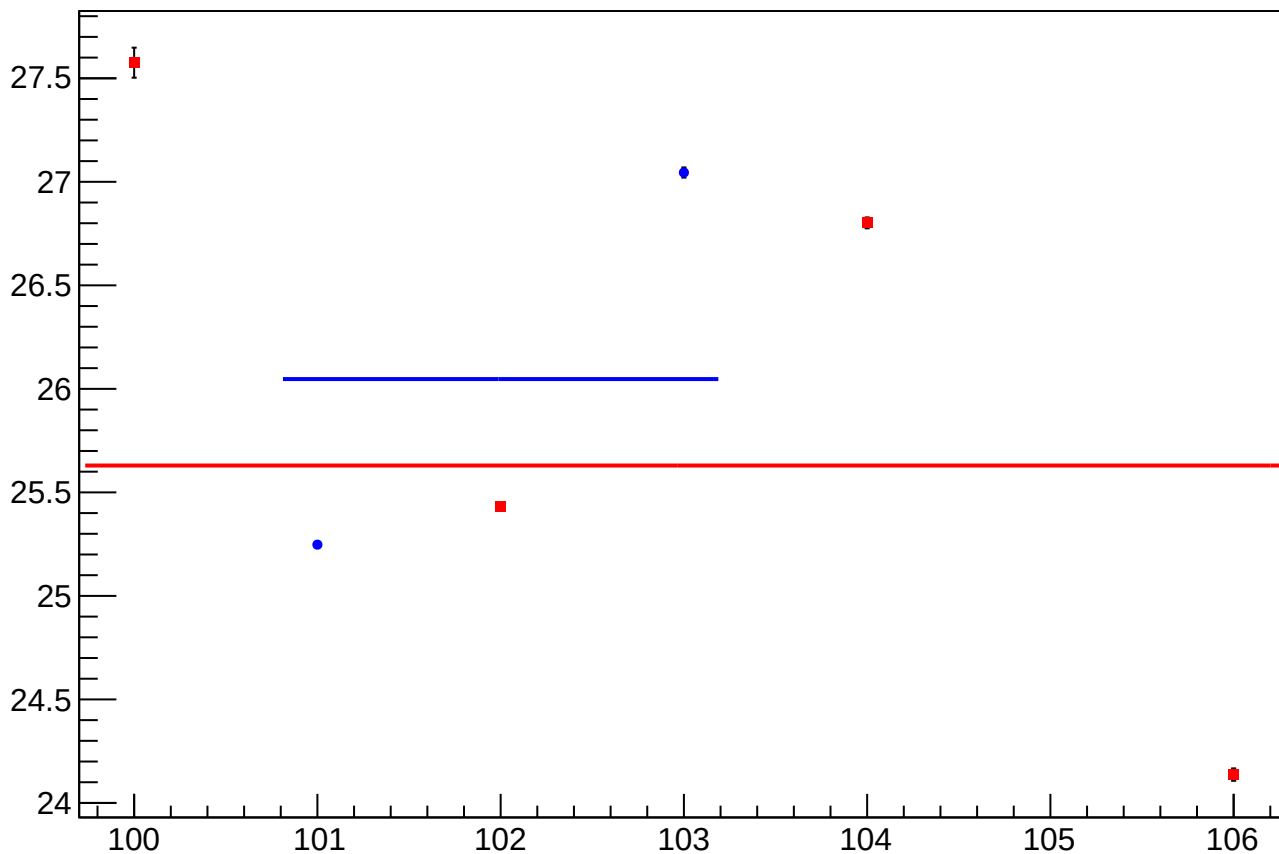
Right: -2.526 $\pm$ 15.369 χ^2 /NDF: 3.6/5

In: -27.807 $\pm$ 23.207 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.526 $\pm$ 15.369 χ^2 /NDF: 3.6/5

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.630+/-0.015 χ^2/NDF : 5261.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

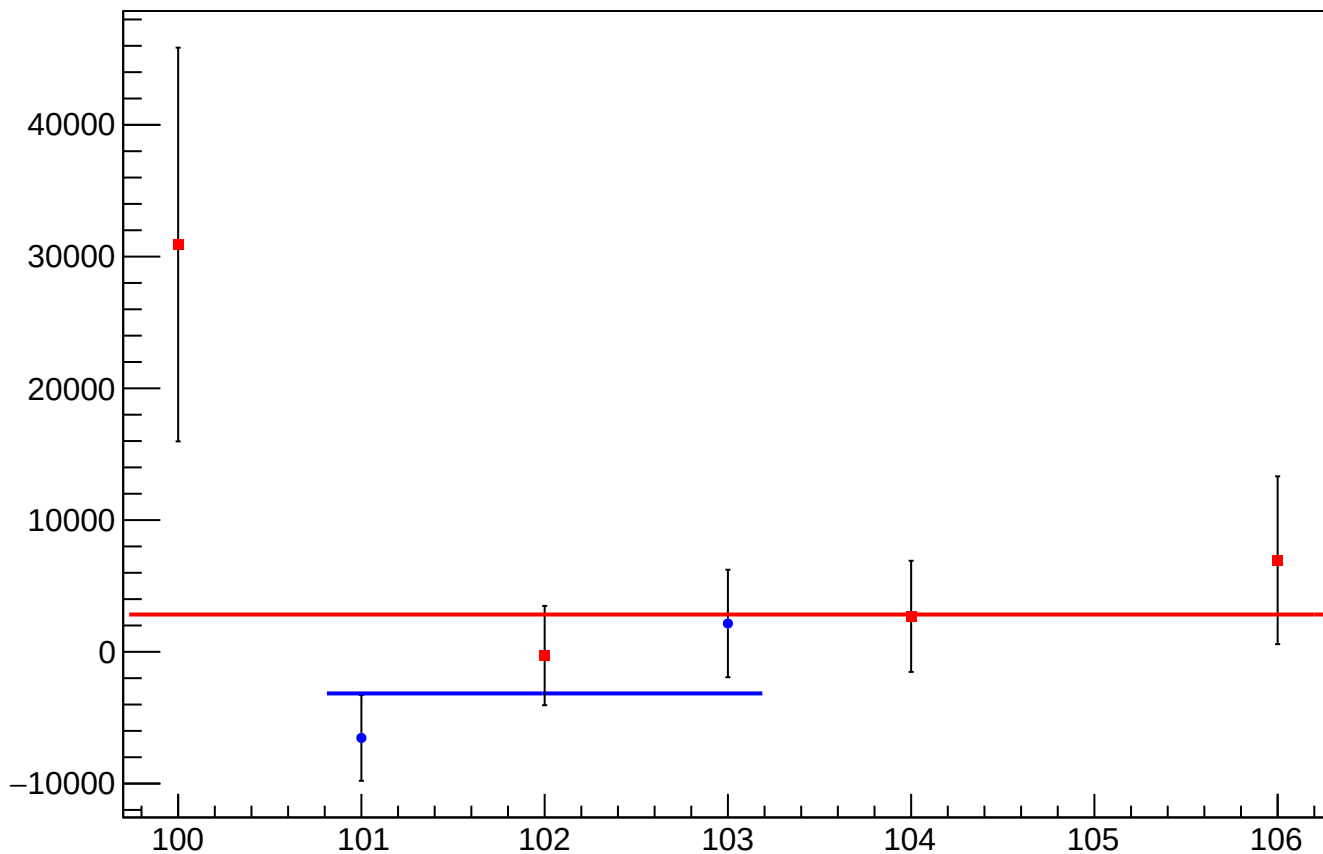
Right: 25.813+/-0.011 χ^2/NDF : 8588.0/5

In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.813+/-0.011 χ^2/NDF : 8588.0/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -3157.624 $\pm$ 2543.634 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2833.239 $\pm$ 2533.825 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

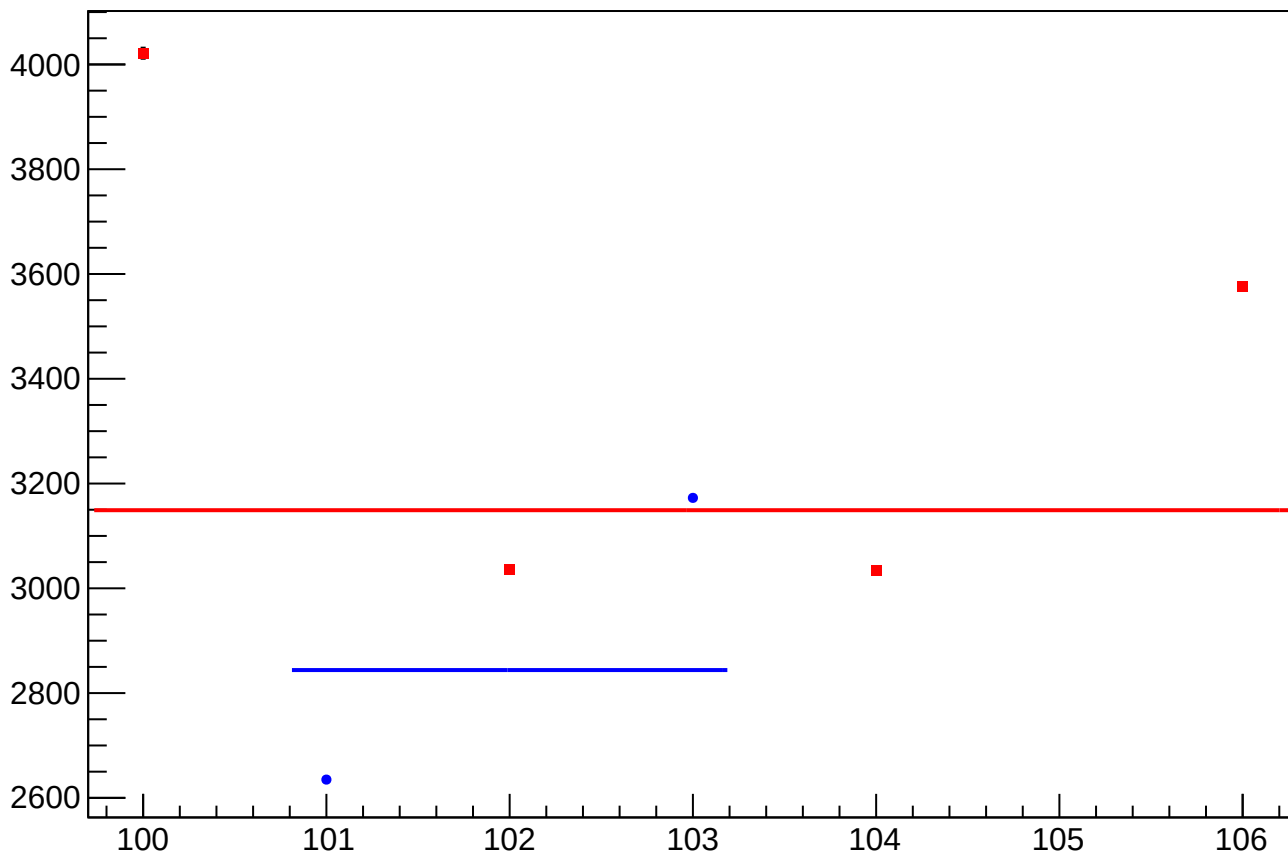
Right: -150.619 $\pm$ 1795.143 χ^2 /NDF: 10.2/5

In: -3157.624 $\pm$ 2543.634 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -150.619 $\pm$ 1795.143 χ^2 /NDF: 10.2/5

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2843.961+/-1.799 χ^2/NDF : 21242.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.115+/-1.792 χ^2/NDF : 19092.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

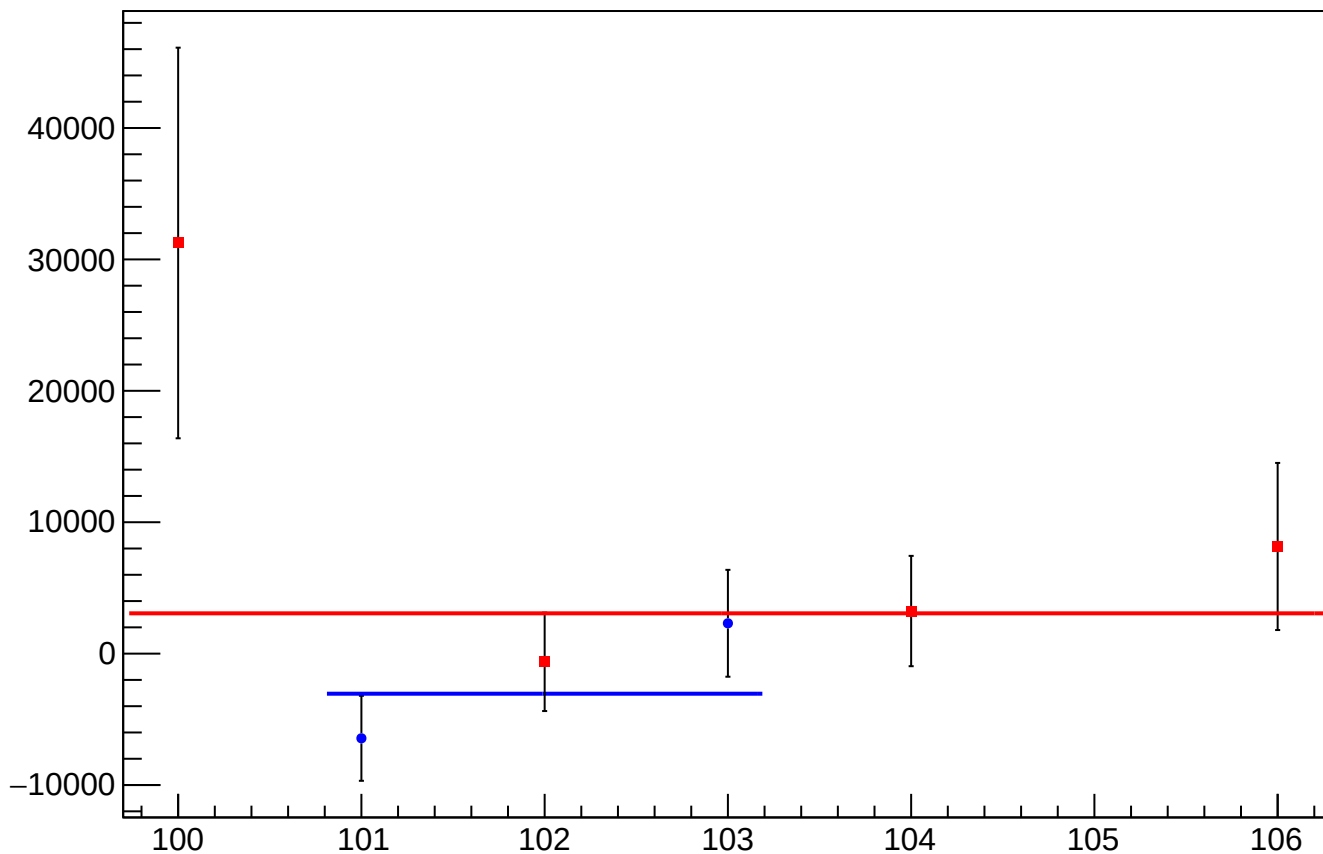
Right: 2997.128+/-1.269 χ^2/NDF : 54783.1/5

In: 2843.961+/-1.799 χ^2/NDF : 21242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.128+/-1.269 χ^2/NDF : 54783.1/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3049.703+/-2531.783 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3067.153+/-2521.082 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

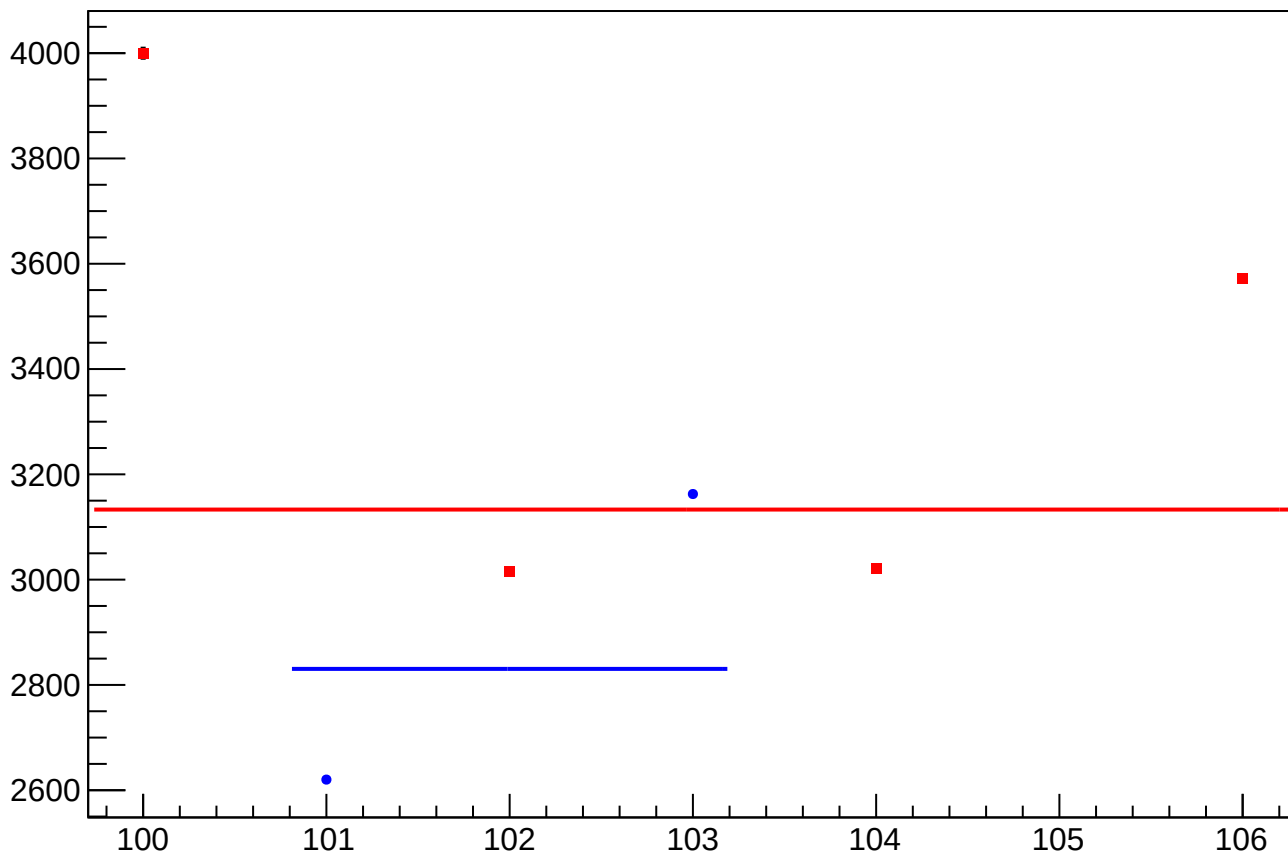
Right: 21.679+/-1786.446 χ^2/NDF : 11.0/5

In: -3049.703+/-2531.783 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.679+/-1786.446 χ^2/NDF : 11.0/5

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.466+/-1.790 χ^2/NDF : 21792.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3133.102+/-1.783 χ^2/NDF : 19700.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

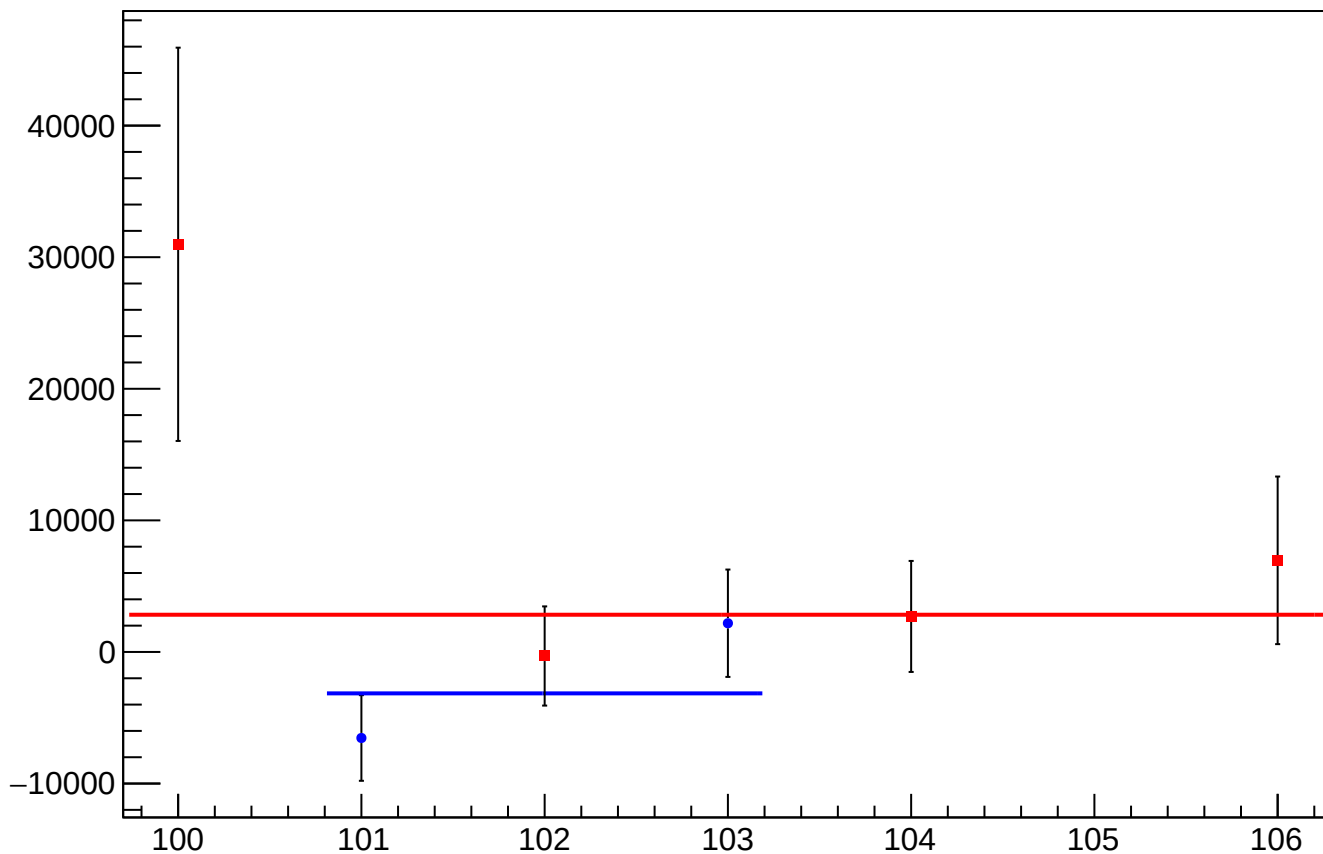
Right: 2982.425+/-1.263 χ^2/NDF : 55842.6/5

In: 2830.466+/-1.790 χ^2/NDF : 21792.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.425+/-1.263 χ^2/NDF : 55842.6/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2828.748+/-2533.845 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

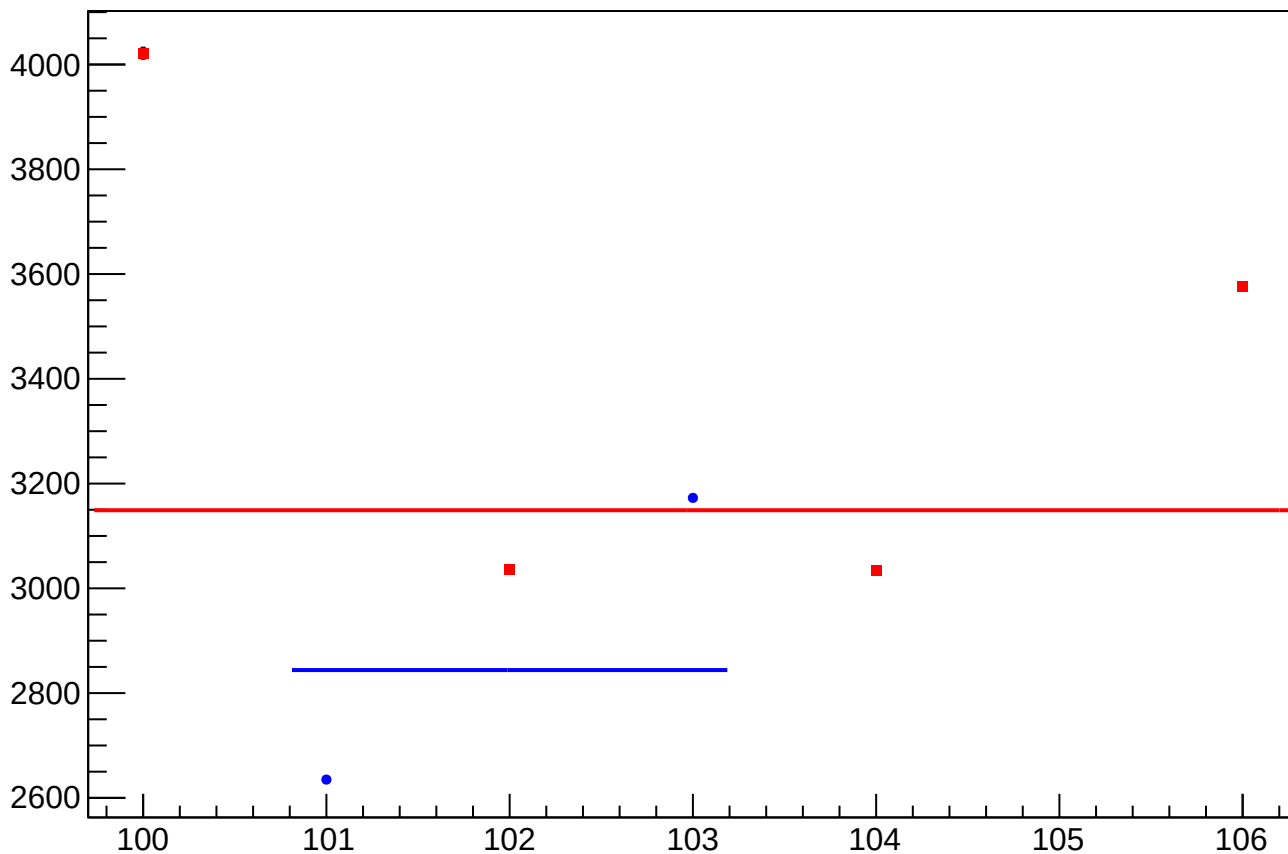
Right: -147.546+/-1795.158 χ^2/NDF : 10.2/5

In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.546+/-1795.158 χ^2/NDF : 10.2/5

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2843.988 $\pm$ 1.799 χ^2 /NDF: 21244.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3149.138 $\pm$ 1.792 χ^2 /NDF: 19097.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

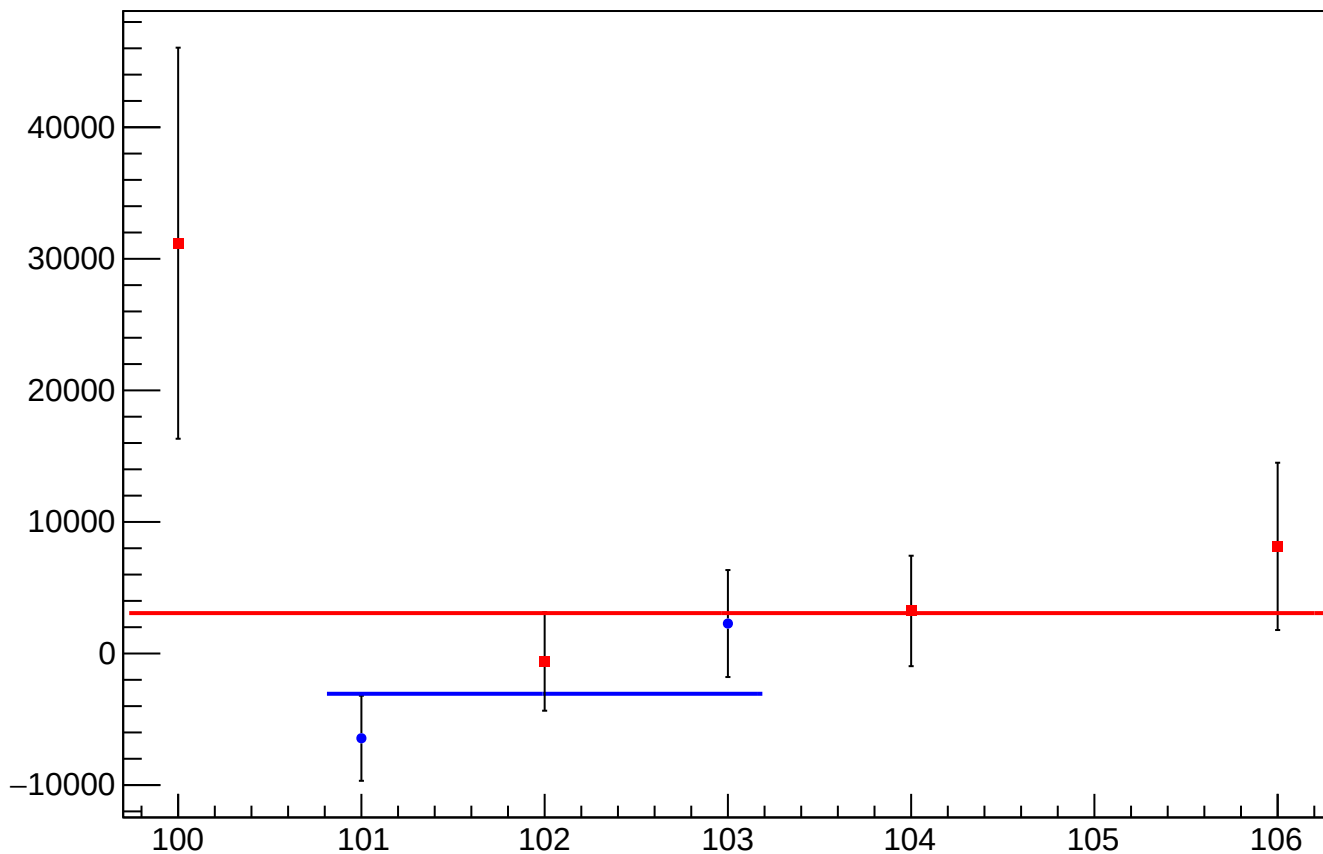
Right: 2997.153 $\pm$ 1.269 χ^2 /NDF: 54789.2/5

In: 2843.988 $\pm$ 1.799 χ^2 /NDF:21244.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2997.153 $\pm$ 1.269 χ^2 /NDF: 54789.2/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3071.140+/-2520.969 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

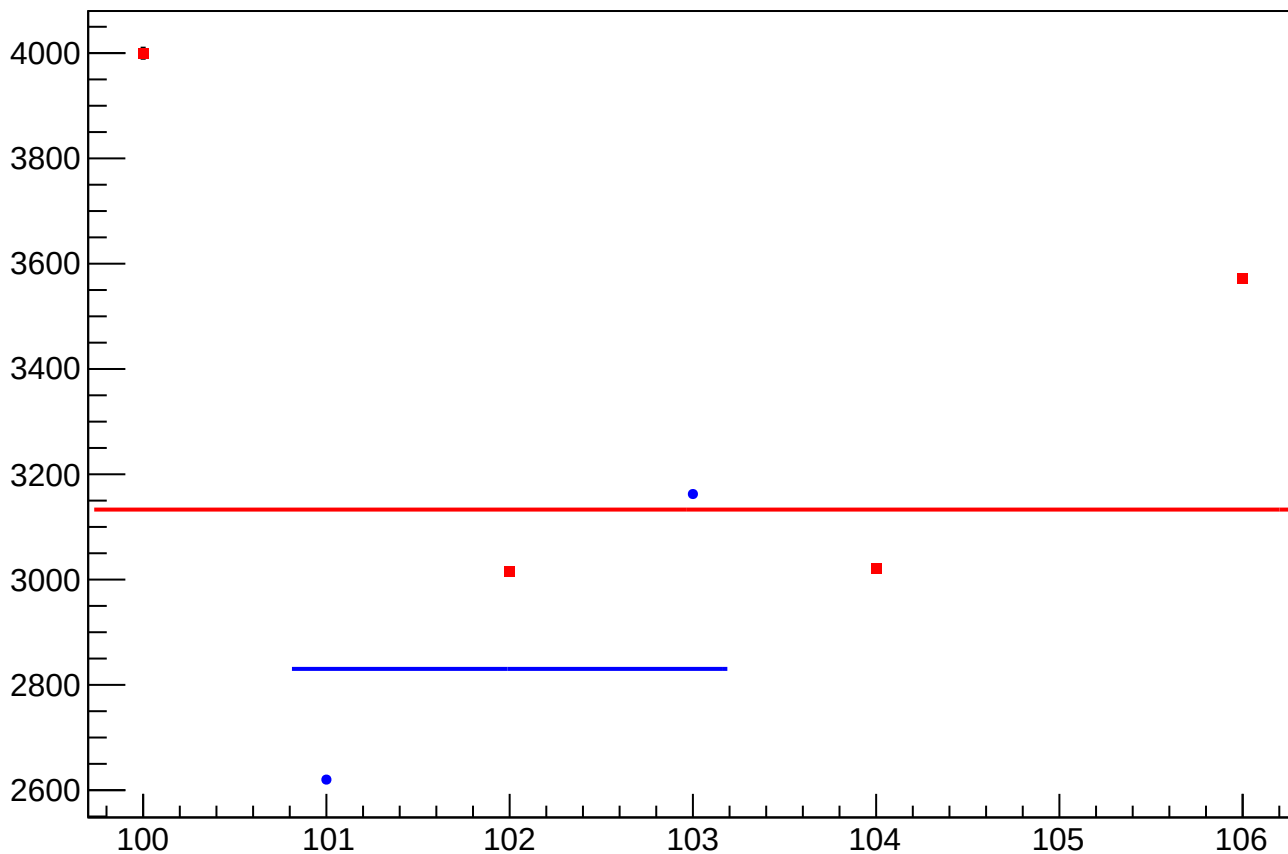
Right: 18.409+/-1786.373 χ^2/NDF : 10.9/5

In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.409+/-1786.373 χ^2/NDF : 10.9/5

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.360 ± 1.790 $\chi^2/\text{NDF}: 21792.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3132.964 ± 1.783 $\chi^2/\text{NDF}: 19699.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

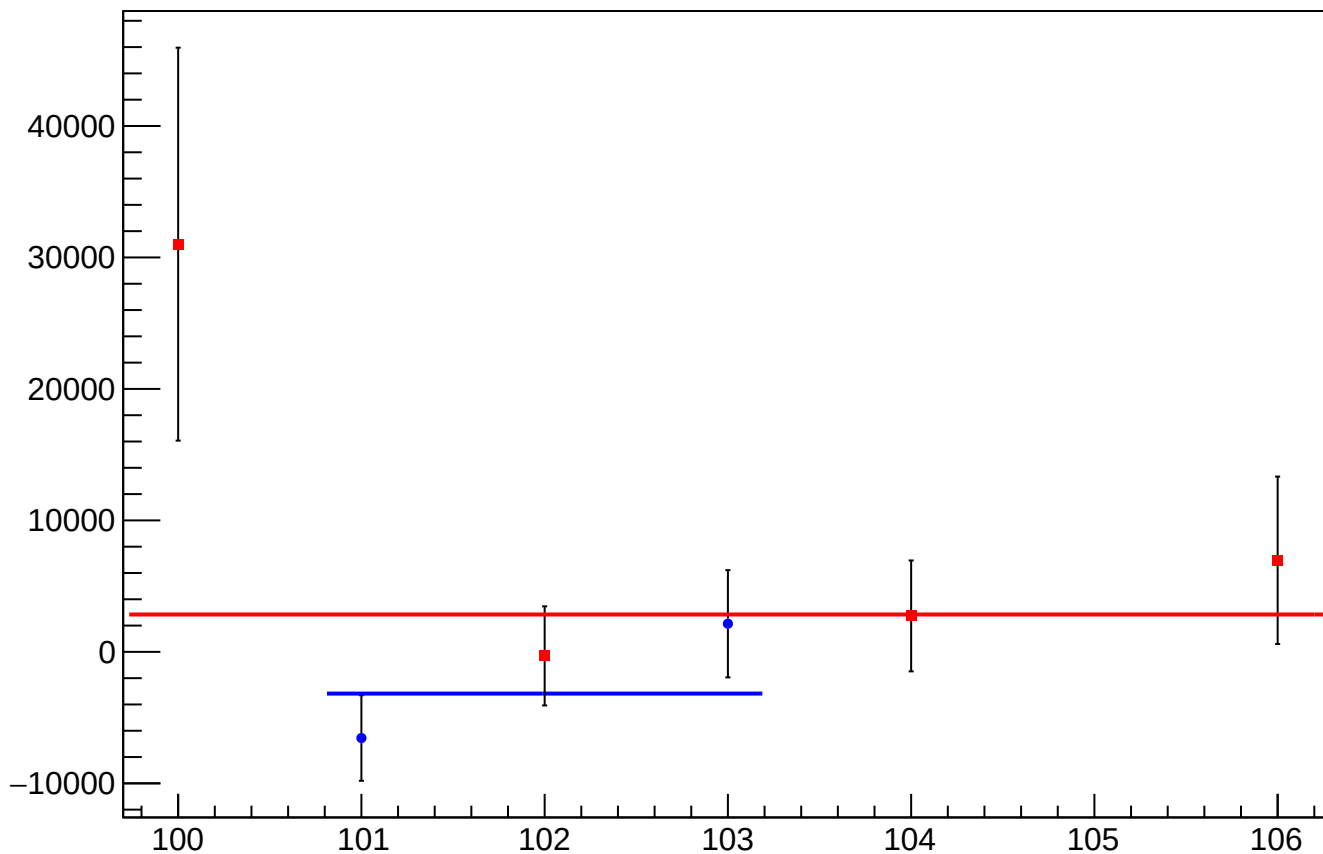
Right: 2982.304 ± 1.263 $\chi^2/\text{NDF}: 55839.1/5$

In: 2830.360 ± 1.790 $\chi^2/\text{NDF}: 21792.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2982.304 ± 1.263 $\chi^2/\text{NDF}: 55839.1/5$

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -3172.521+/-2543.888 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2843.849+/-2534.067 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

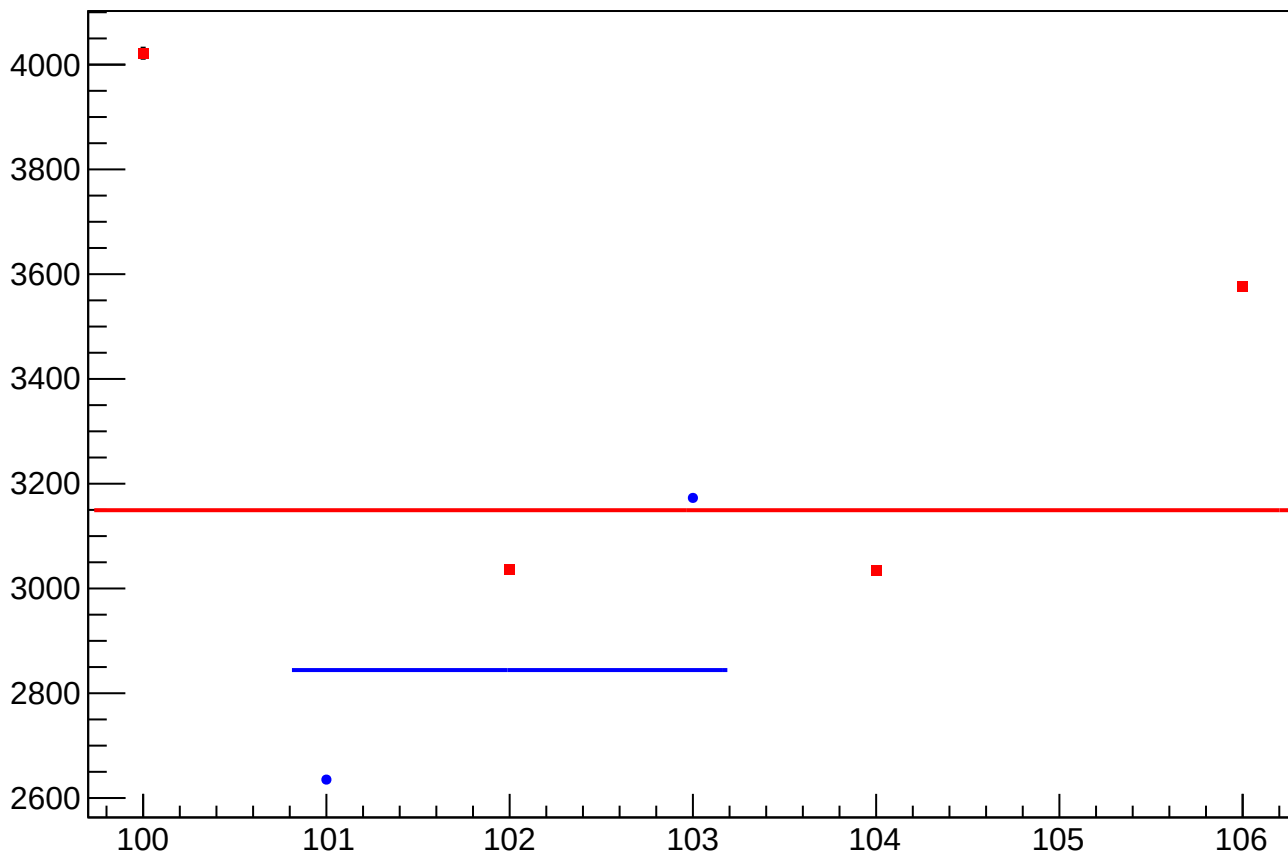
Right: -152.699+/-1795.318 χ^2/NDF : 10.3/5

In: -3172.521+/-2543.888 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -152.699+/-1795.318 χ^2/NDF : 10.3/5

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2844.250+/-1.799 χ^2/NDF : 21236.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.419+/-1.792 χ^2/NDF : 19083.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

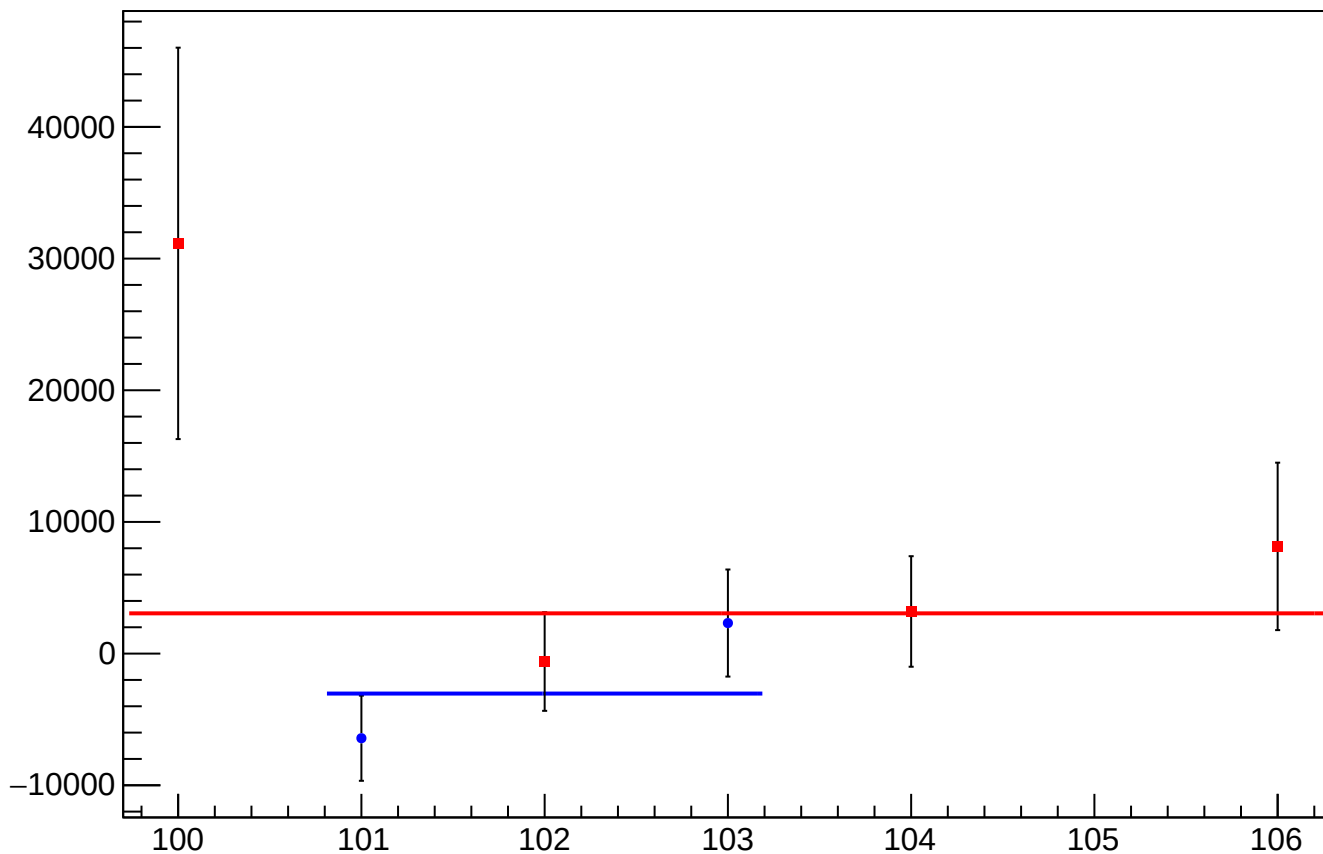
Right: 2997.425+/-1.269 χ^2/NDF : 54766.6/5

In: 2844.250+/-1.799 χ^2/NDF : 21236.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.425+/-1.269 χ^2/NDF : 54766.6/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3035.040 $\pm$ 2531.779 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3057.146 $\pm$ 2521.081 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

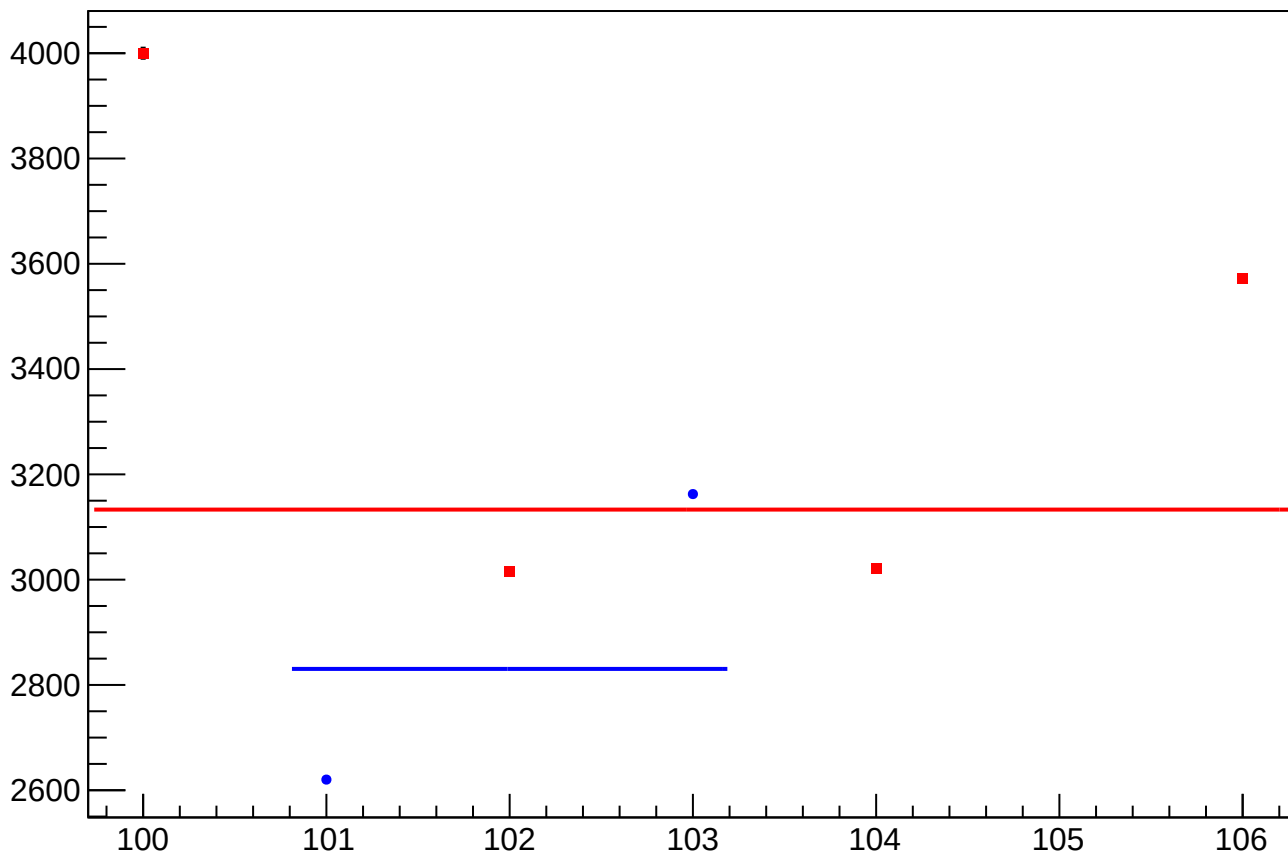
Right: 23.951 $\pm$ 1786.444 χ^2 /NDF: 10.9/5

In: -3035.040 $\pm$ 2531.779 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.951 $\pm$ 1786.444 χ^2 /NDF: 10.9/5

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.463+/-1.790 χ^2/NDF : 21787.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3133.102+/-1.783 χ^2/NDF : 19700.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

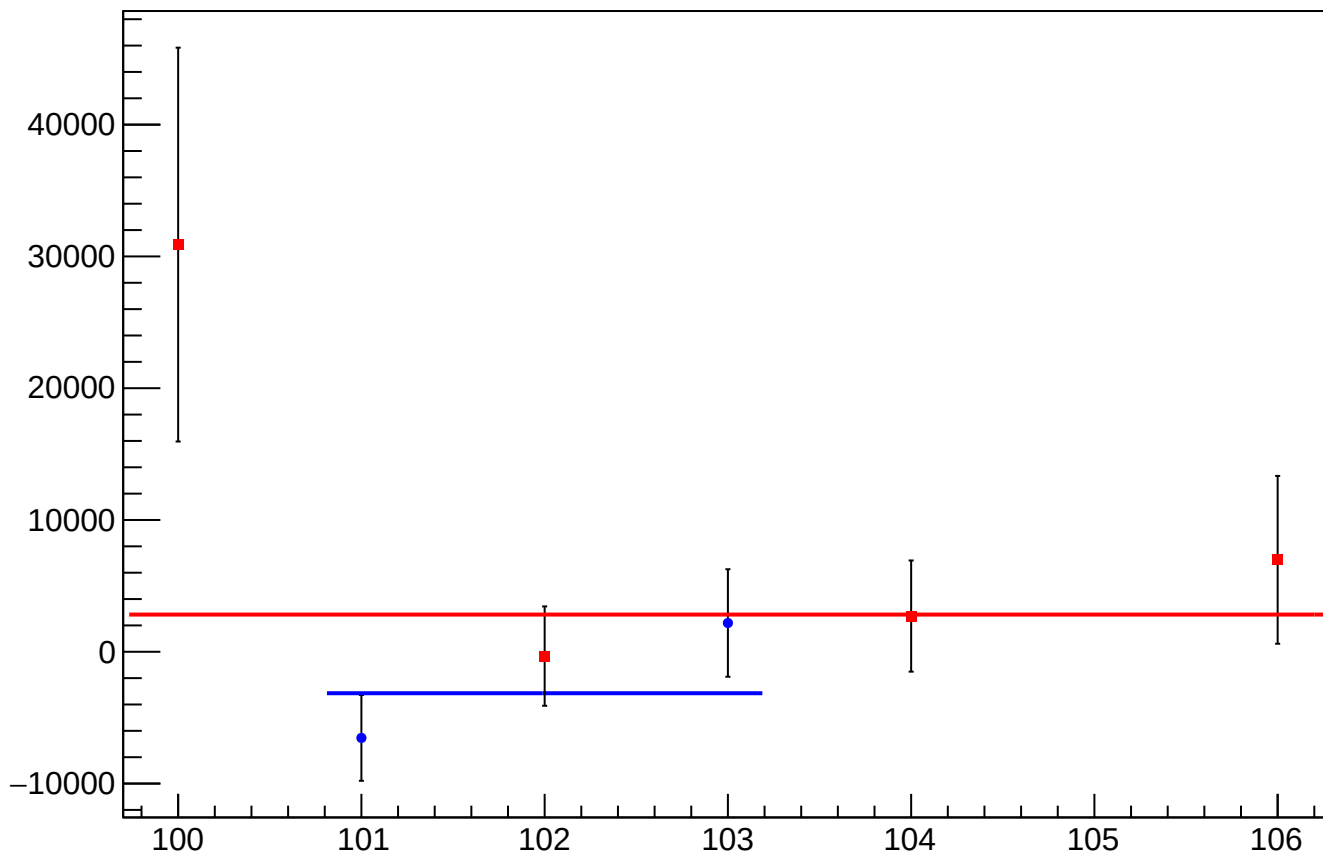
Right: 2982.423+/-1.263 χ^2/NDF : 55837.6/5

In: 2830.463+/-1.790 χ^2/NDF : 21787.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.423+/-1.263 χ^2/NDF : 55837.6/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2823.471+/-2534.059 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

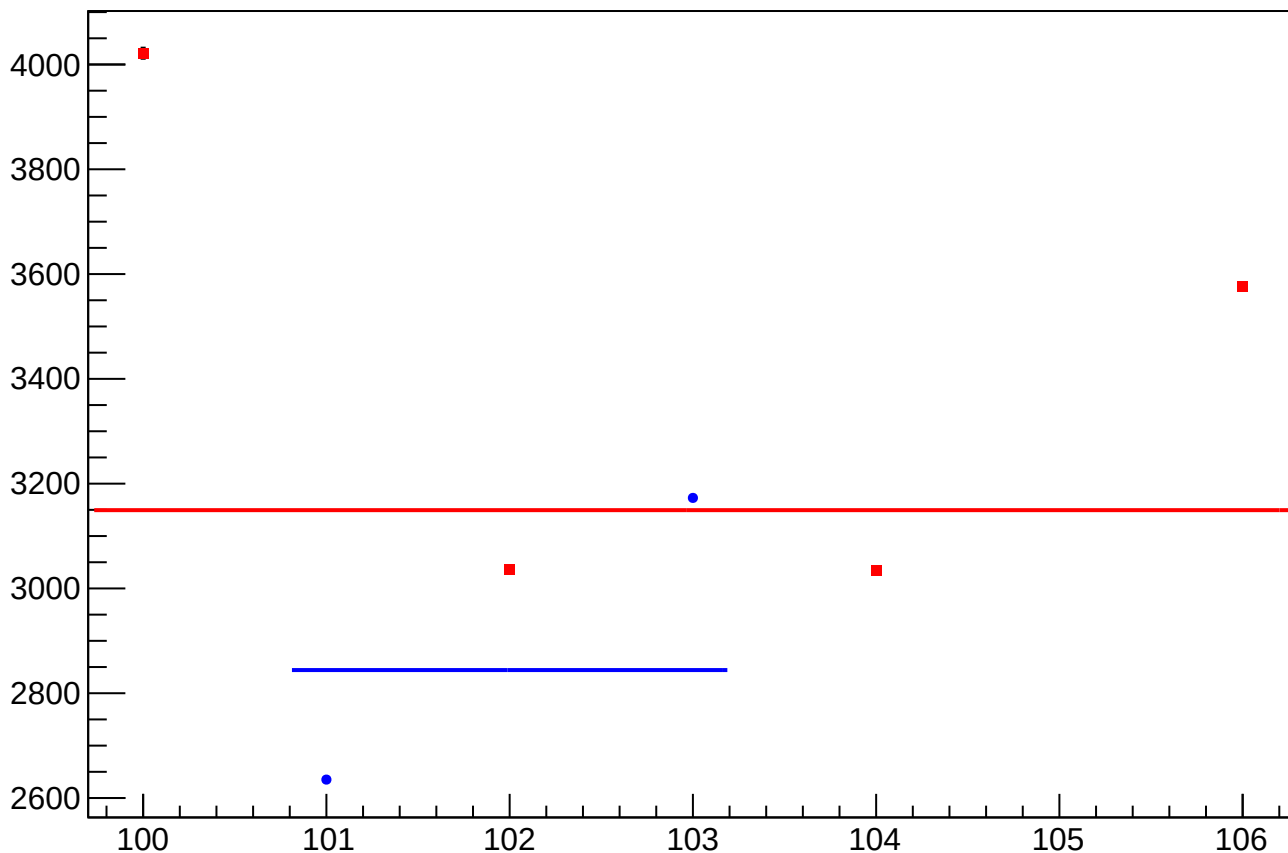
Right: -149.667+/-1795.303 χ^2/NDF : 10.2/5

In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.667+/-1795.303 χ^2/NDF : 10.2/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.417+/-1.792 χ^2/NDF : 19074.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

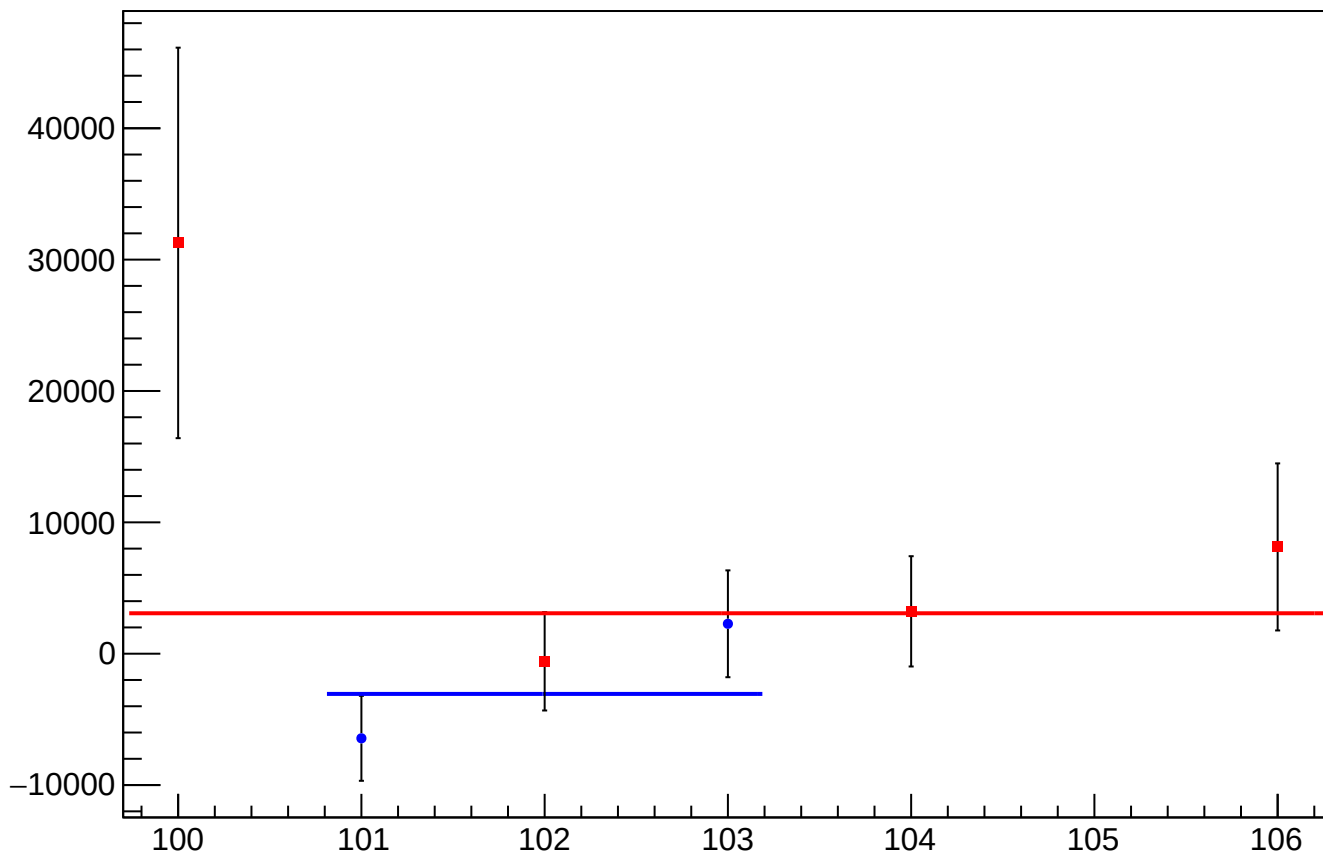
Right: 2997.405+/-1.269 χ^2/NDF : 54753.4/5

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.405+/-1.269 χ^2/NDF : 54753.4/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3060.987 $\pm$ 2531.797 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3078.596 $\pm$ 2521.123 χ^2 /NDF: 5.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

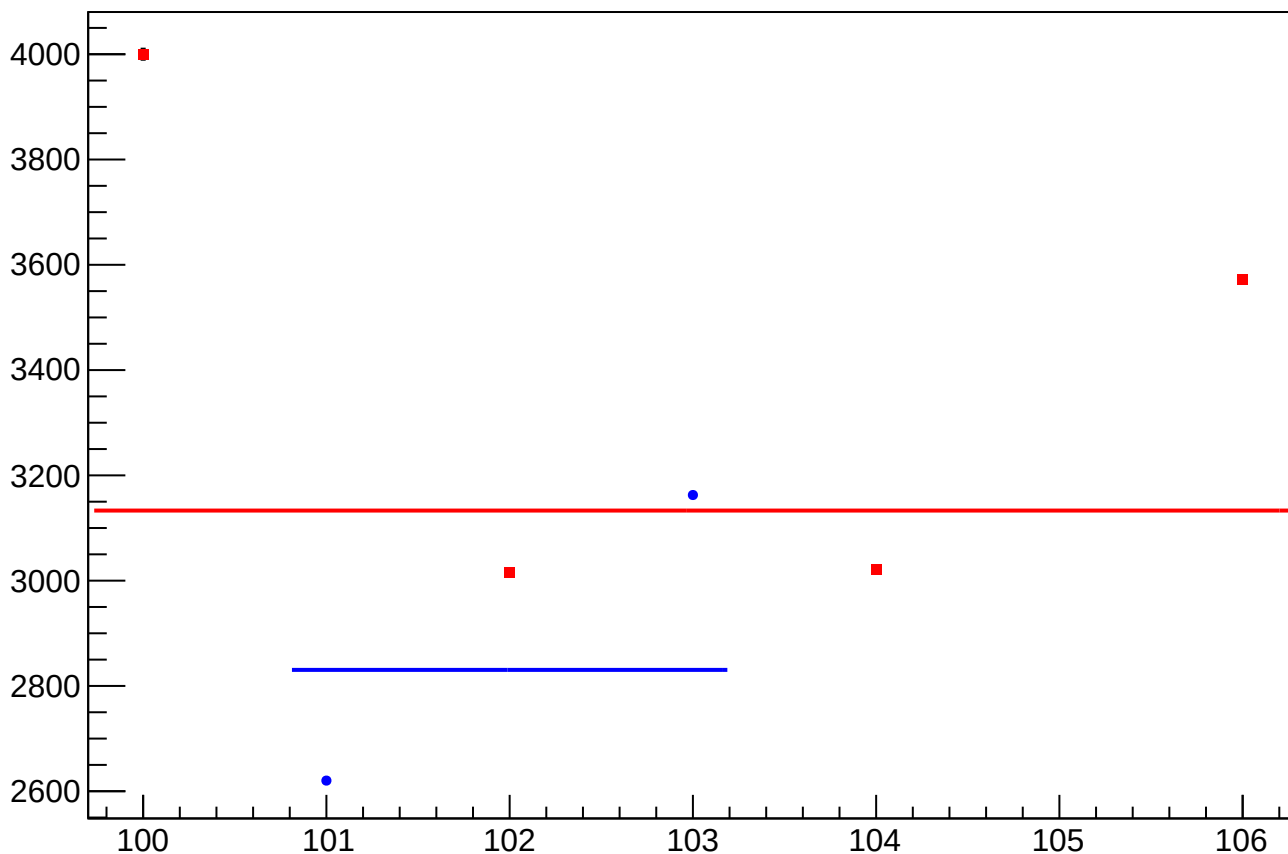
Right: 21.775 $\pm$ 1786.465 χ^2 /NDF: 10.9/5

In: -3060.987 $\pm$ 2531.797 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.775 $\pm$ 1786.465 χ^2 /NDF: 10.9/5

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3133.153+/-1.783 χ^2/NDF : 19701.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

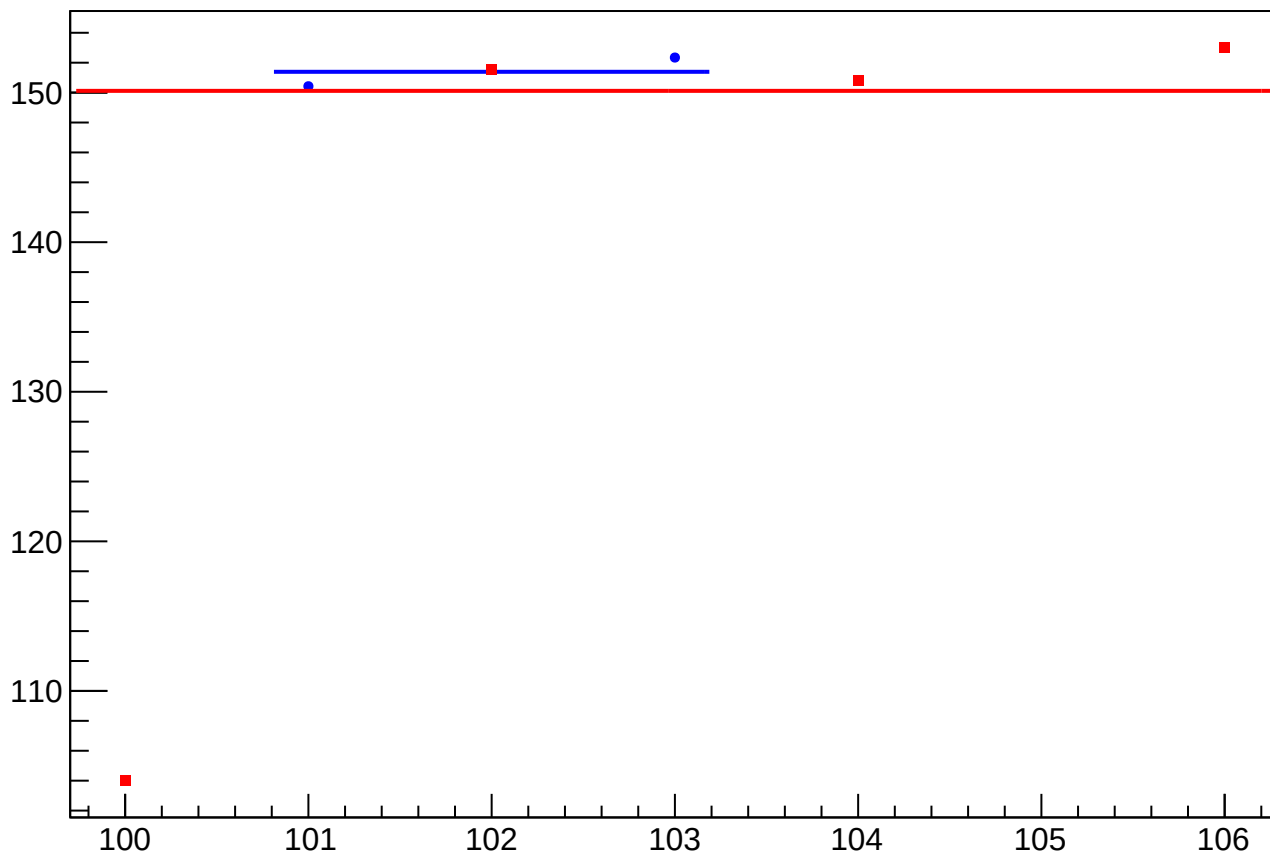
Right: 2982.455+/-1.263 χ^2/NDF : 55851.1/5

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.455+/-1.263 χ^2/NDF : 55851.1/5

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.117+/-0.001 χ^2/NDF : 201136902.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

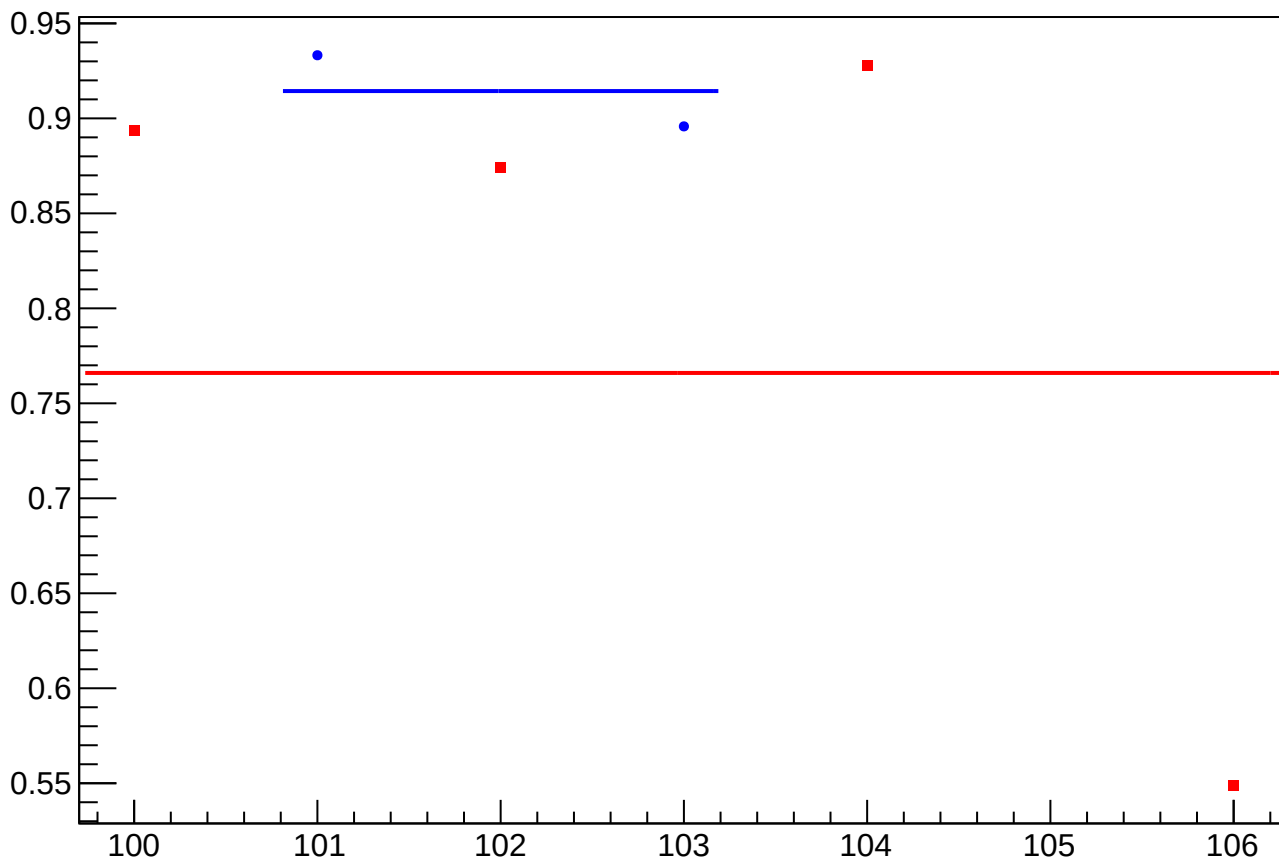
Right: 150.600+/-0.001 χ^2/NDF : 203961521.3/5

In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.600+/-0.001 χ^2/NDF : 203961521.3/5

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.766+/-0.000 χ^2/NDF : 137263.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

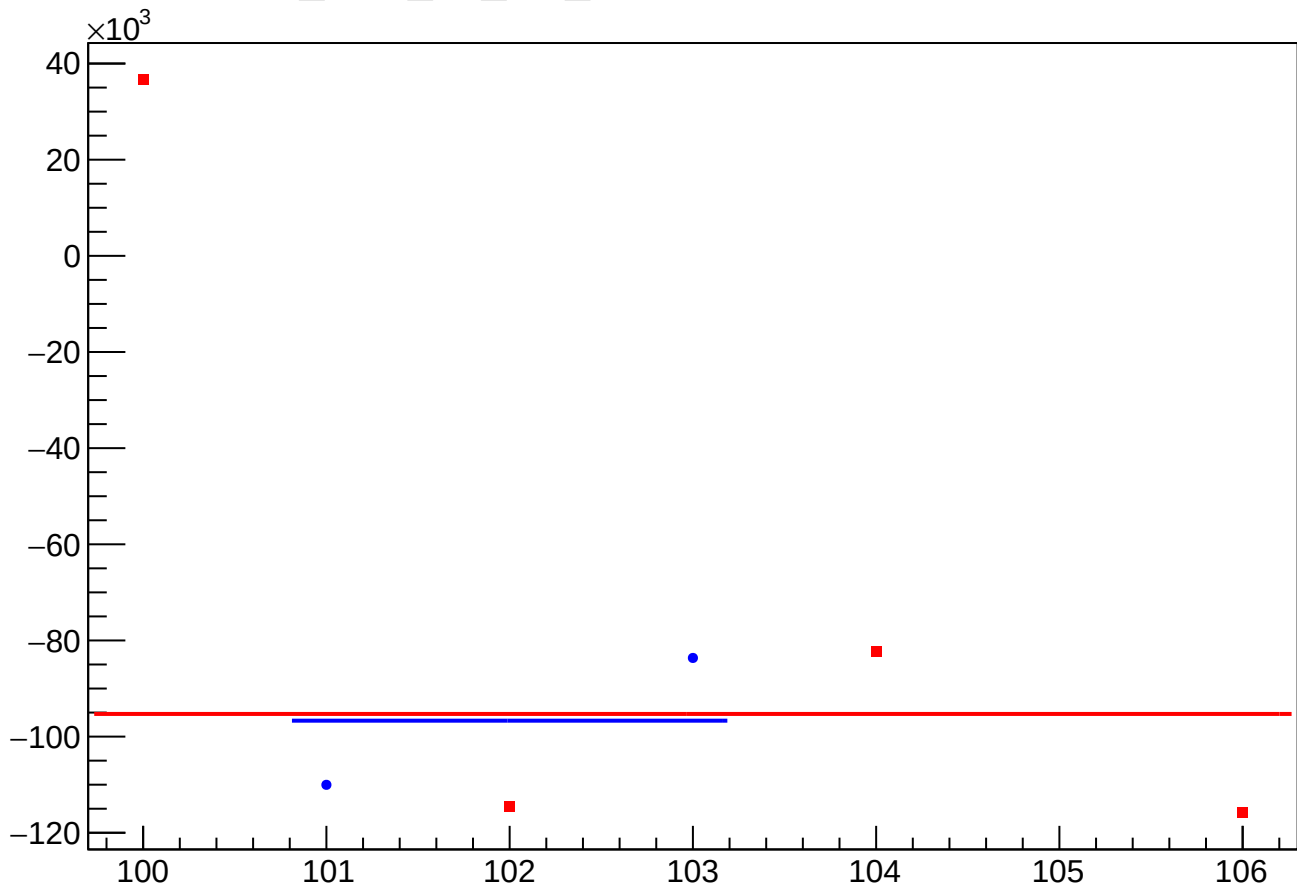
Right: 0.822+/-0.000 χ^2/NDF : 178347.9/5

In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.822+/-0.000 χ^2/NDF : 178347.9/5

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: -95830.592+/-3.080 χ^2 /NDF: 100615887.9/5

Right In: -96686.116+/-4.935 χ^2 /NDF: 7147800.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -95284.991+/-3.941 χ^2 /NDF: 93418867.8/3

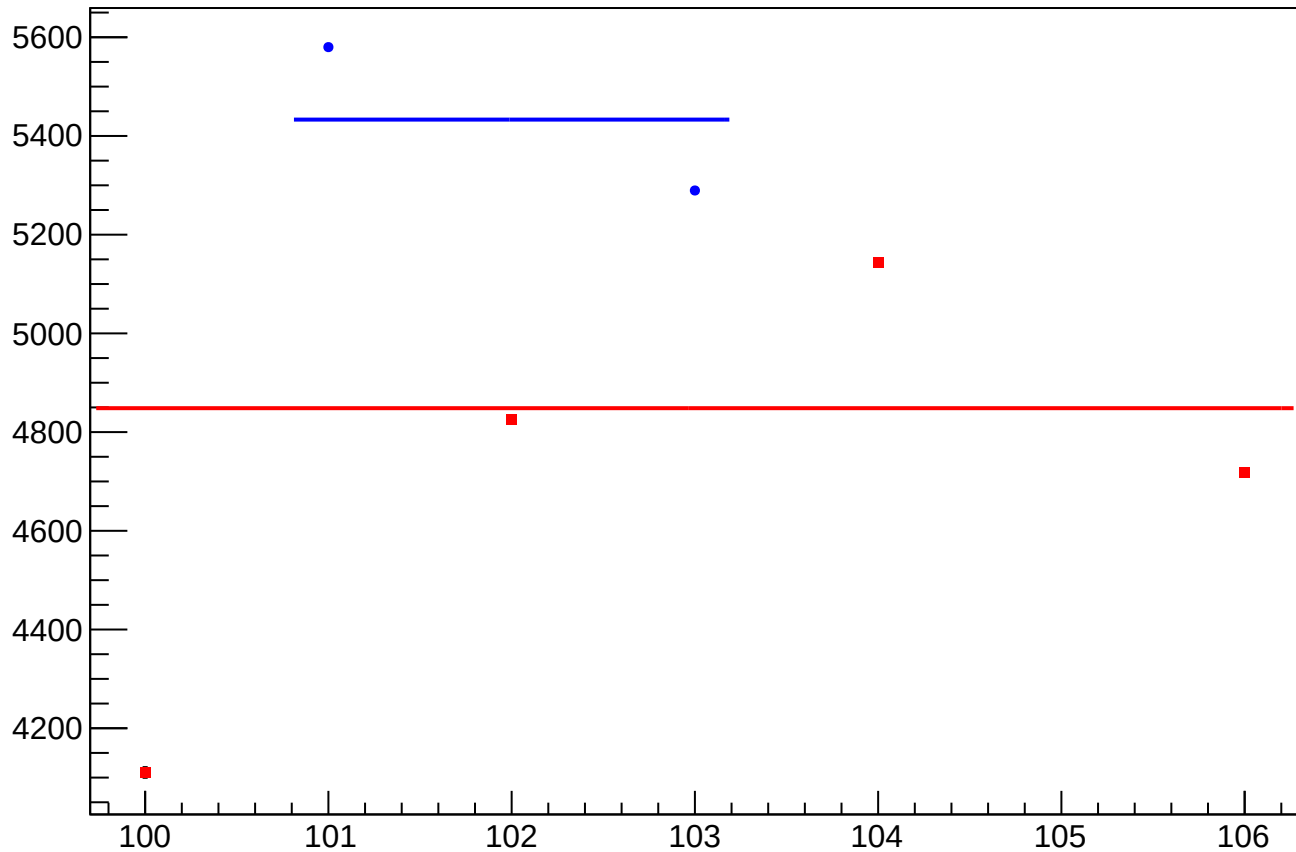
In: -96686.116+/-4.935 χ^2 /NDF: 7147800.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -95830.592+/-3.080 χ^2 /NDF: 100615887.9/5

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5433.156+/-3.490 χ^2/NDF : 1732.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4848.461+/-2.787 χ^2/NDF : 8431.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

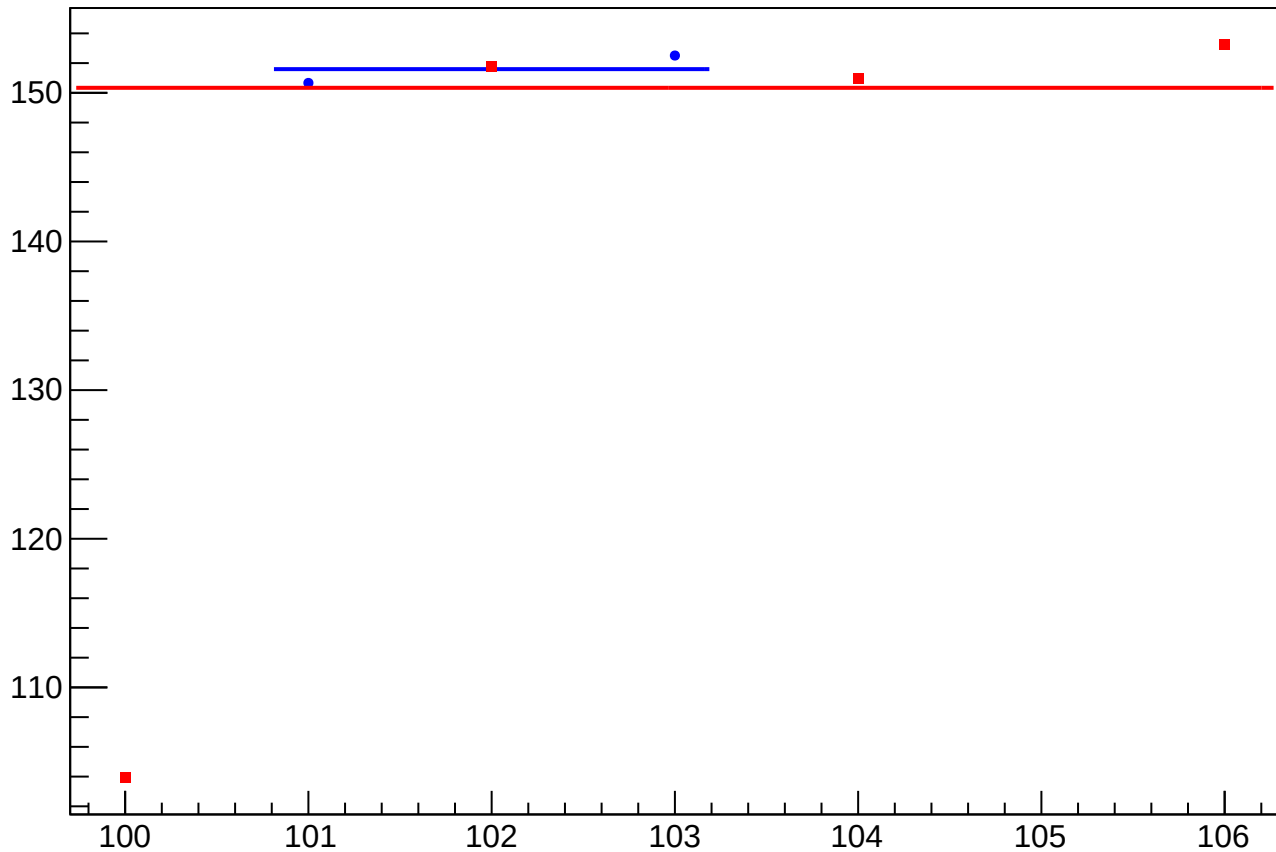
Right: 5076.142+/-2.178 χ^2/NDF : 27305.7/5

In: 5433.156+/-3.490 χ^2/NDF : 1732.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5076.142+/-2.178 χ^2/NDF : 27305.7/5

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 151.594+/-0.001 χ^2/NDF : 1257358.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.338+/-0.001 χ^2/NDF : 204222013.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

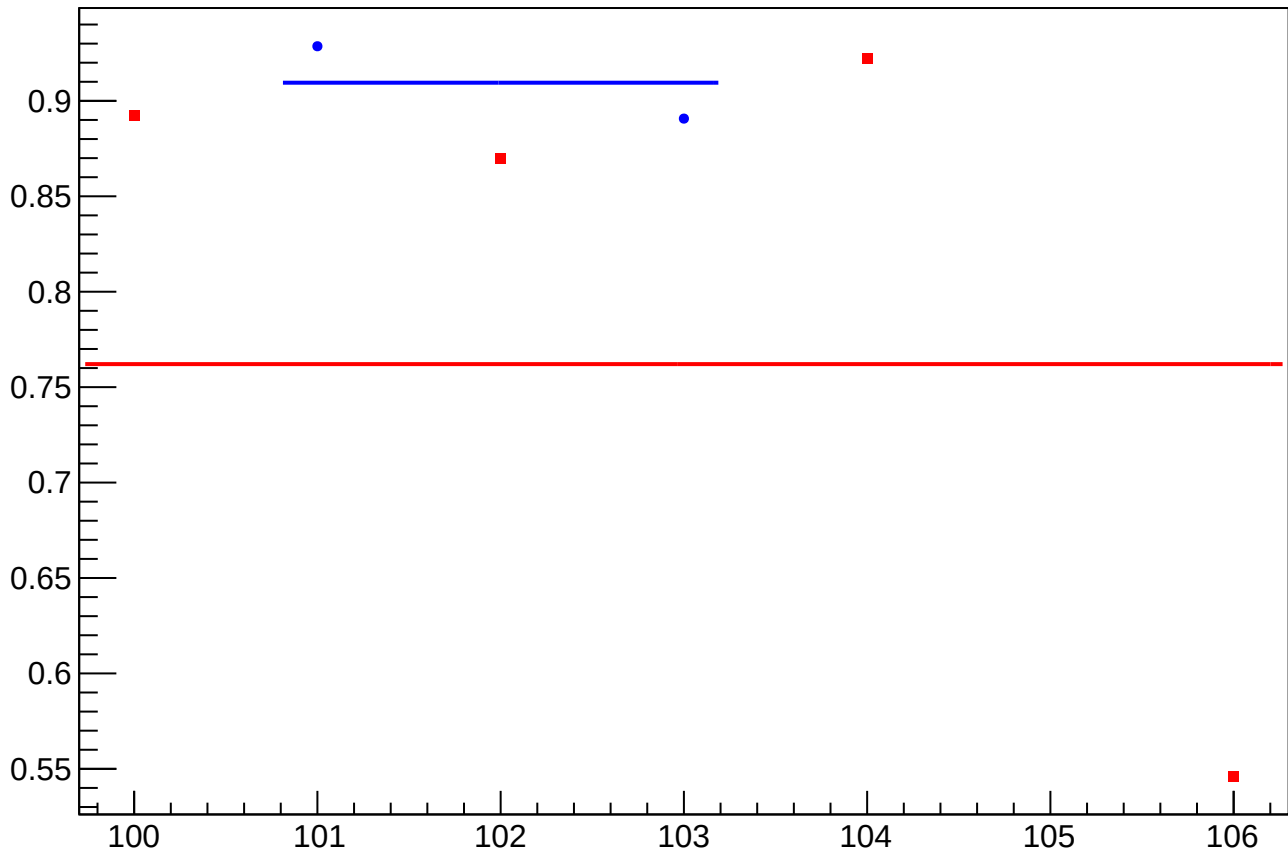
Right: 150.814+/-0.001 χ^2/NDF : 206930316.0/5

In: 151.594+/-0.001 χ^2/NDF : 1257358.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.814+/-0.001 χ^2/NDF : 206930316.0/5

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.910 $\pm$ 0.001 χ^2 /NDF: 1063.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.762 $\pm$ 0.000 χ^2 /NDF: 137222.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

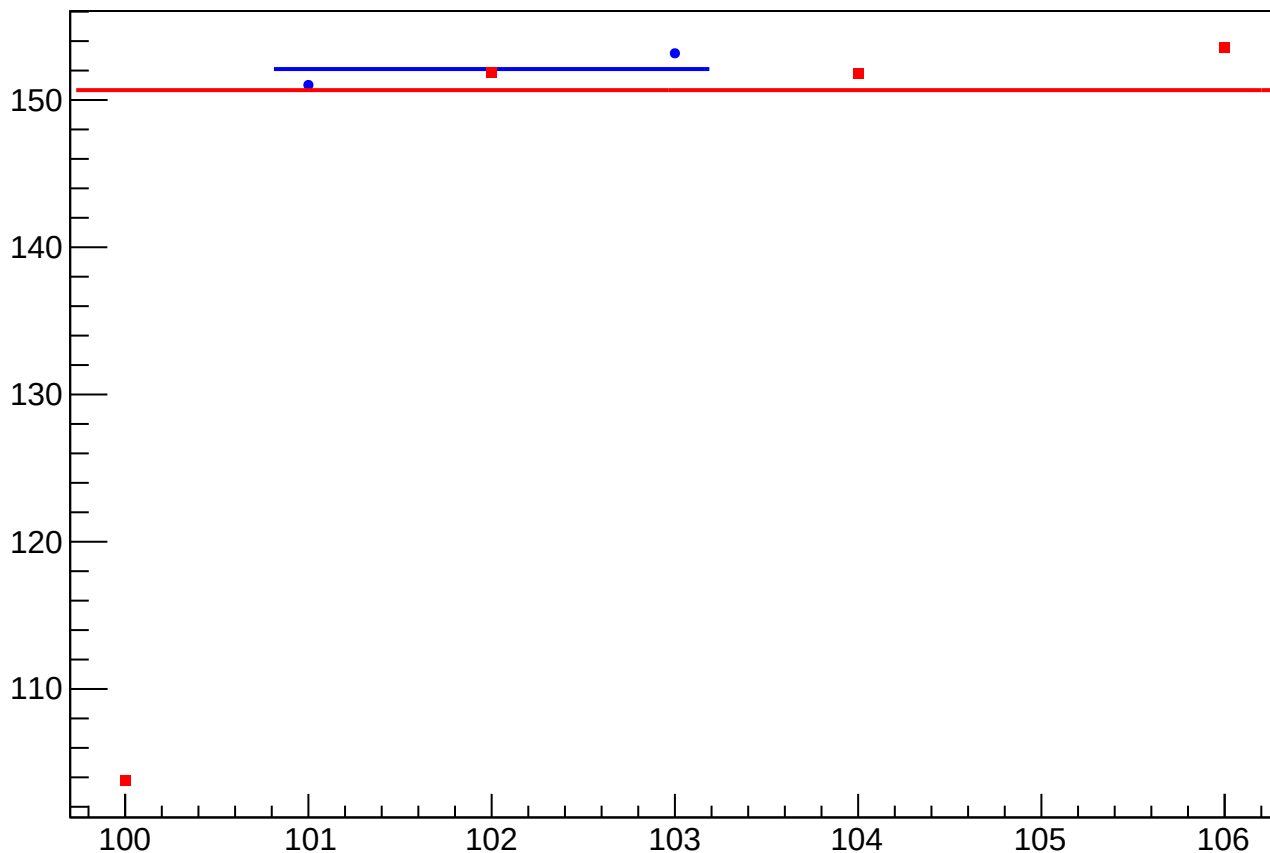
Right: 0.818 $\pm$ 0.000 χ^2 /NDF: 178254.4/5

In: 0.910 $\pm$ 0.001 χ^2 /NDF:1063.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.818 $\pm$ 0.000 χ^2 /NDF: 178254.4/5

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 152.102+/-0.001 χ^2/NDF : 1677207.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 150.670+/-0.001 χ^2/NDF : 204836756.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

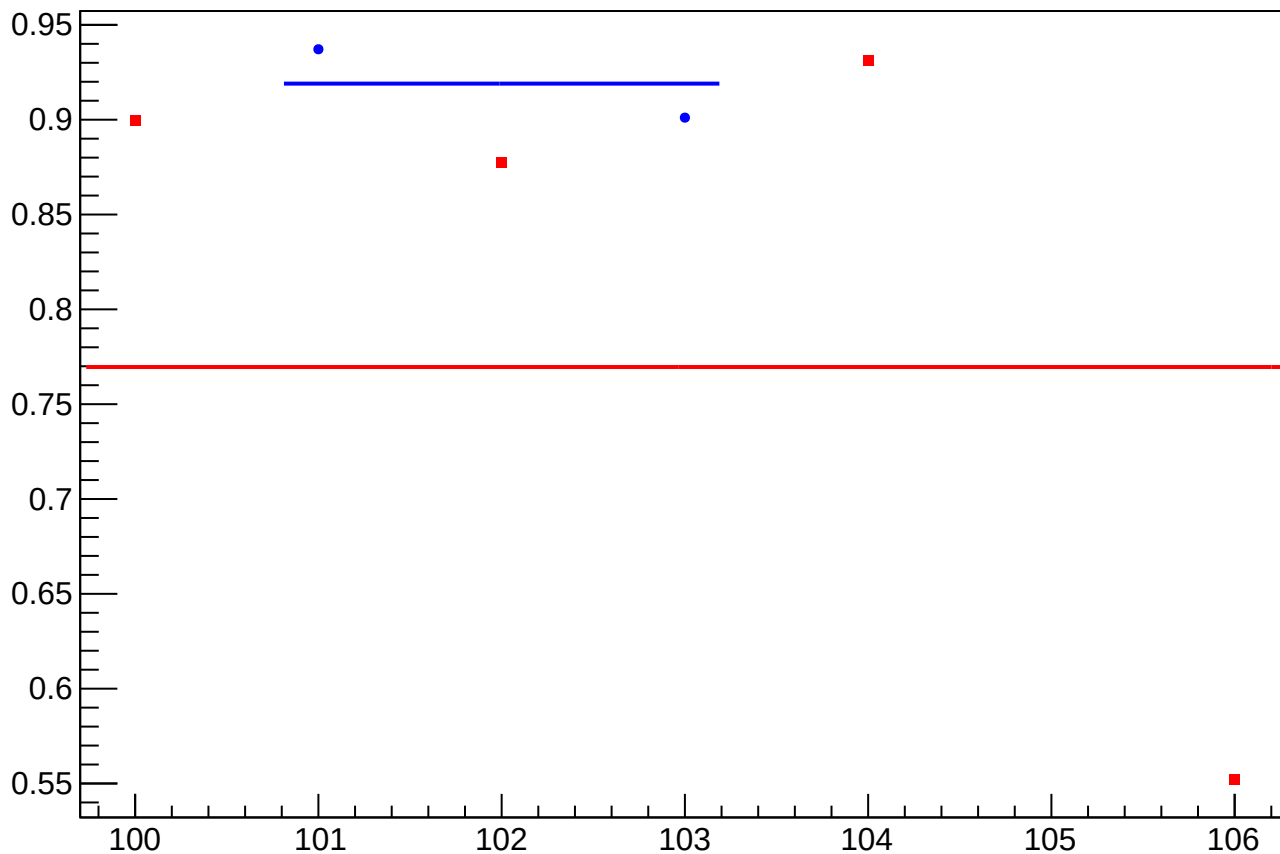
Right: 151.212+/-0.001 χ^2/NDF : 208361351.1/5

In: 152.102+/-0.001 χ^2/NDF :1677207.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.212+/-0.001 χ^2/NDF : 208361351.1/5

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.919+/-0.001 χ^2/NDF : 942.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.770+/-0.000 χ^2/NDF : 135833.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

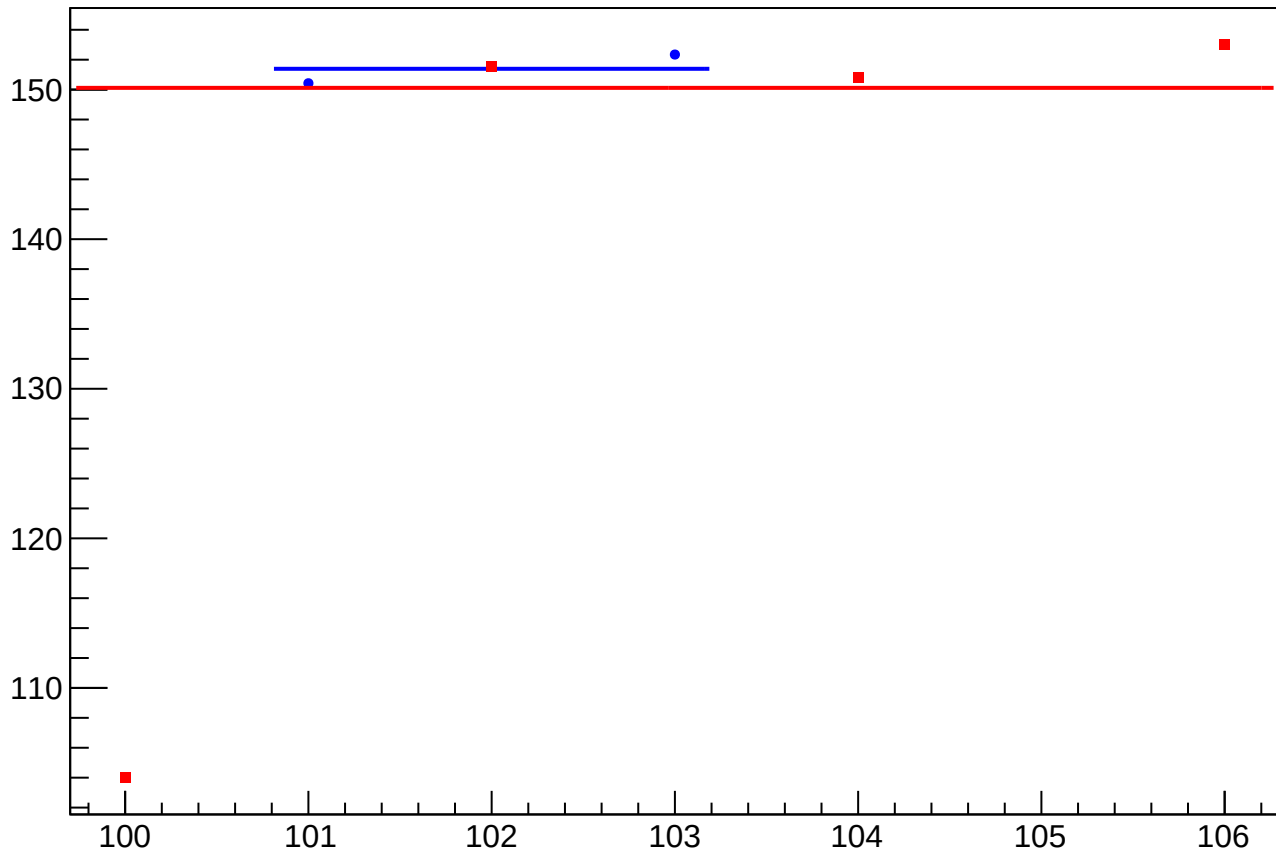
Right: 0.826+/-0.000 χ^2/NDF : 177003.5/5

In: 0.919+/-0.001 χ^2/NDF : 942.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.826+/-0.000 χ^2/NDF : 177003.5/5

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.117+/-0.001 χ^2/NDF : 201136902.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

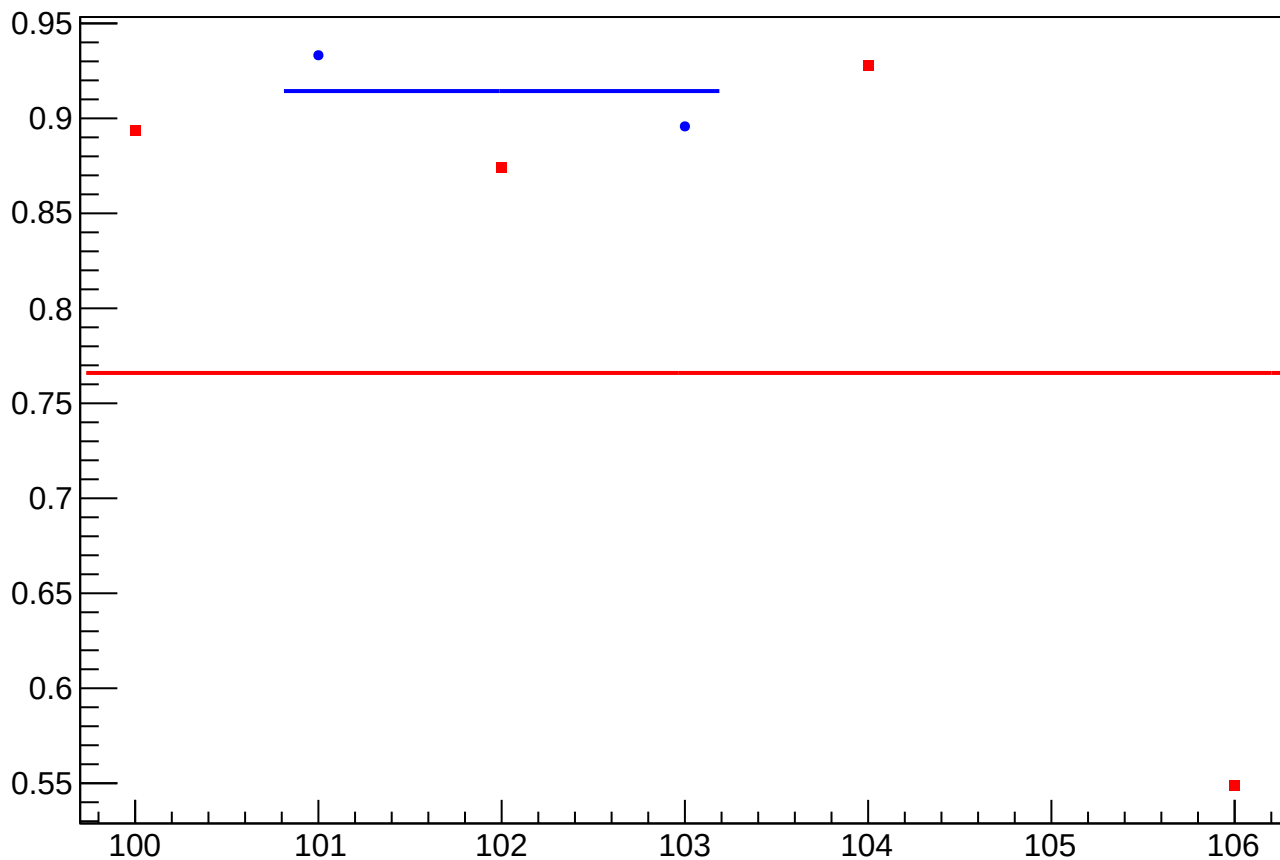
Right: 150.600+/-0.001 χ^2/NDF : 203961521.3/5

In: 151.391+/-0.001 χ^2/NDF : 1348252.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.600+/-0.001 χ^2/NDF : 203961521.3/5

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.914 $\pm$ 0.001 χ^2 /NDF: 1026.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.766 $\pm$ 0.000 χ^2 /NDF: 137263.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

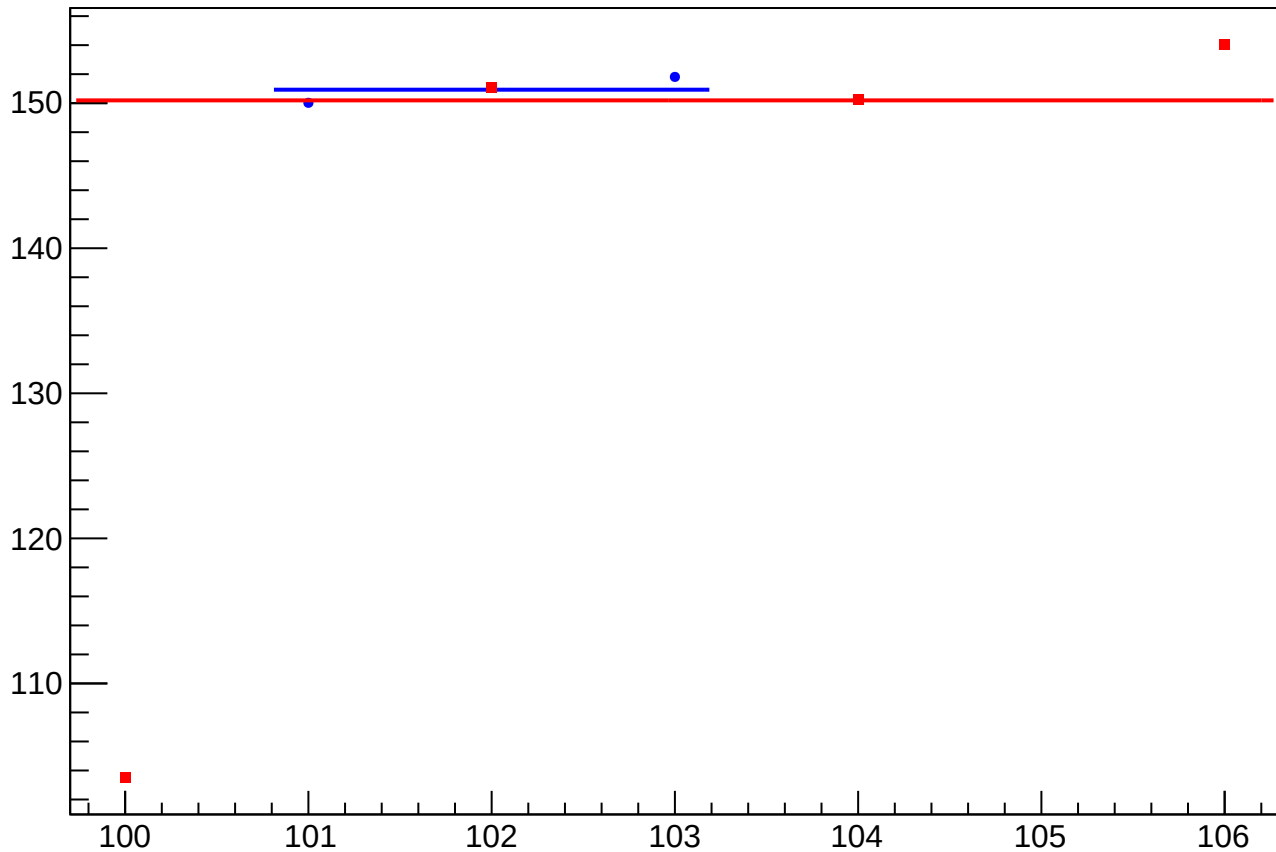
Right: 0.822 $\pm$ 0.000 χ^2 /NDF: 178347.9/5

In: 0.914 $\pm$ 0.001 χ^2 /NDF:1026.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.822 $\pm$ 0.000 χ^2 /NDF: 178347.9/5

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.929+/-0.001 χ^2/NDF : 1156571.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.193+/-0.001 χ^2/NDF : 208221268.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

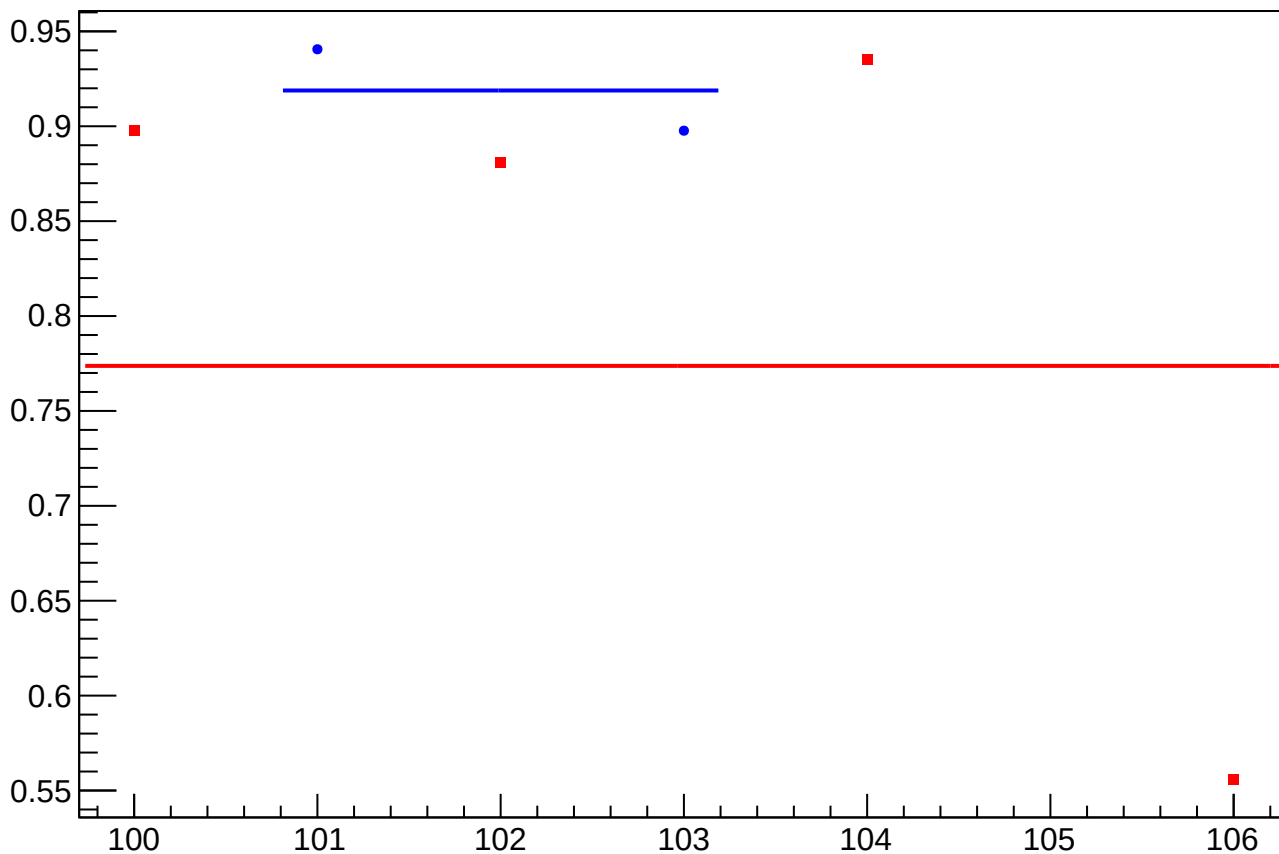
Right: 150.473+/-0.001 χ^2/NDF : 209865234.3/5

In: 150.929+/-0.001 χ^2/NDF : 1156571.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.473+/-0.001 χ^2/NDF : 209865234.3/5

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.919+/-0.001 χ^2/NDF : 1334.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.774+/-0.000 χ^2/NDF : 134374.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

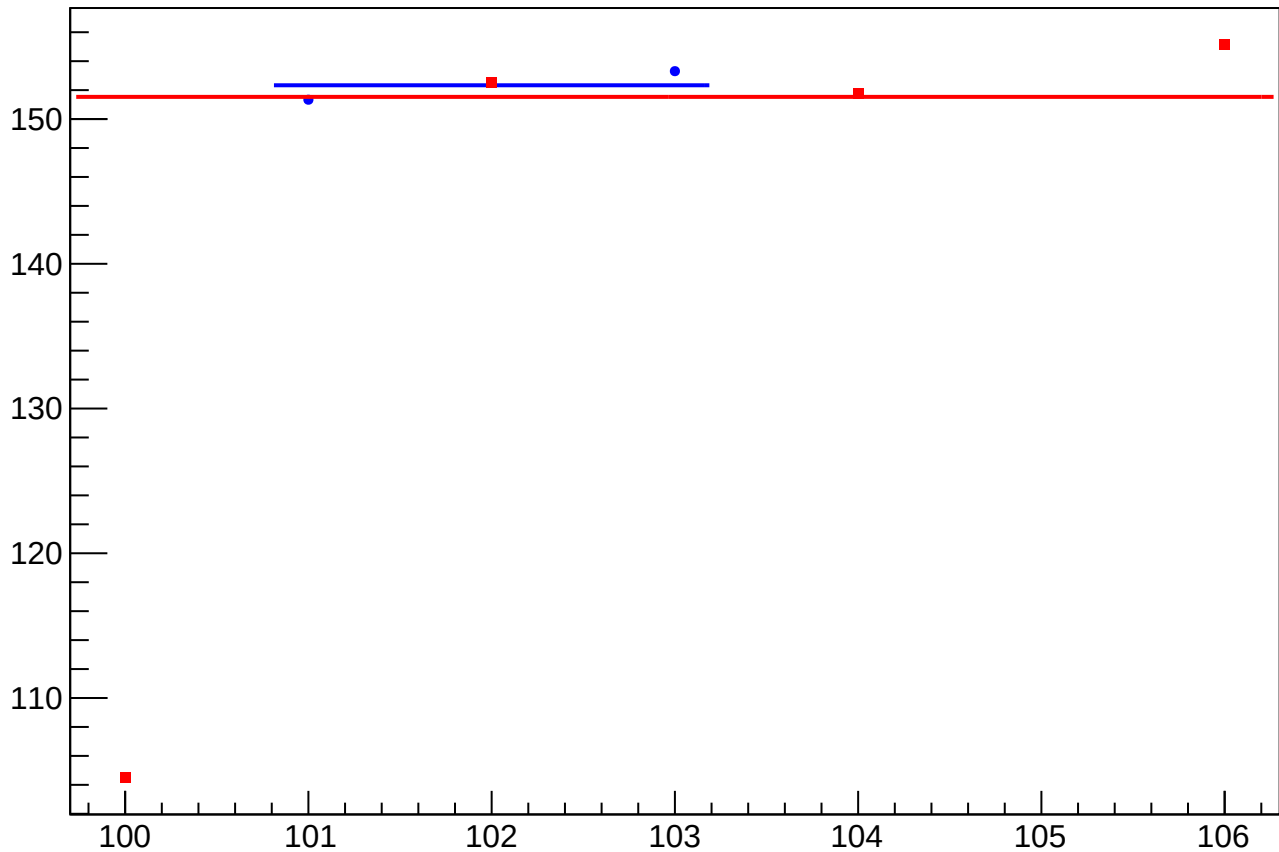
Right: 0.829+/-0.000 χ^2/NDF : 173512.3/5

In: 0.919+/-0.001 χ^2/NDF : 1334.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.829+/-0.000 χ^2/NDF : 173512.3/5

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 152.335+/-0.001 χ^2/NDF : 1364940.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.534+/-0.001 χ^2/NDF : 205470847.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

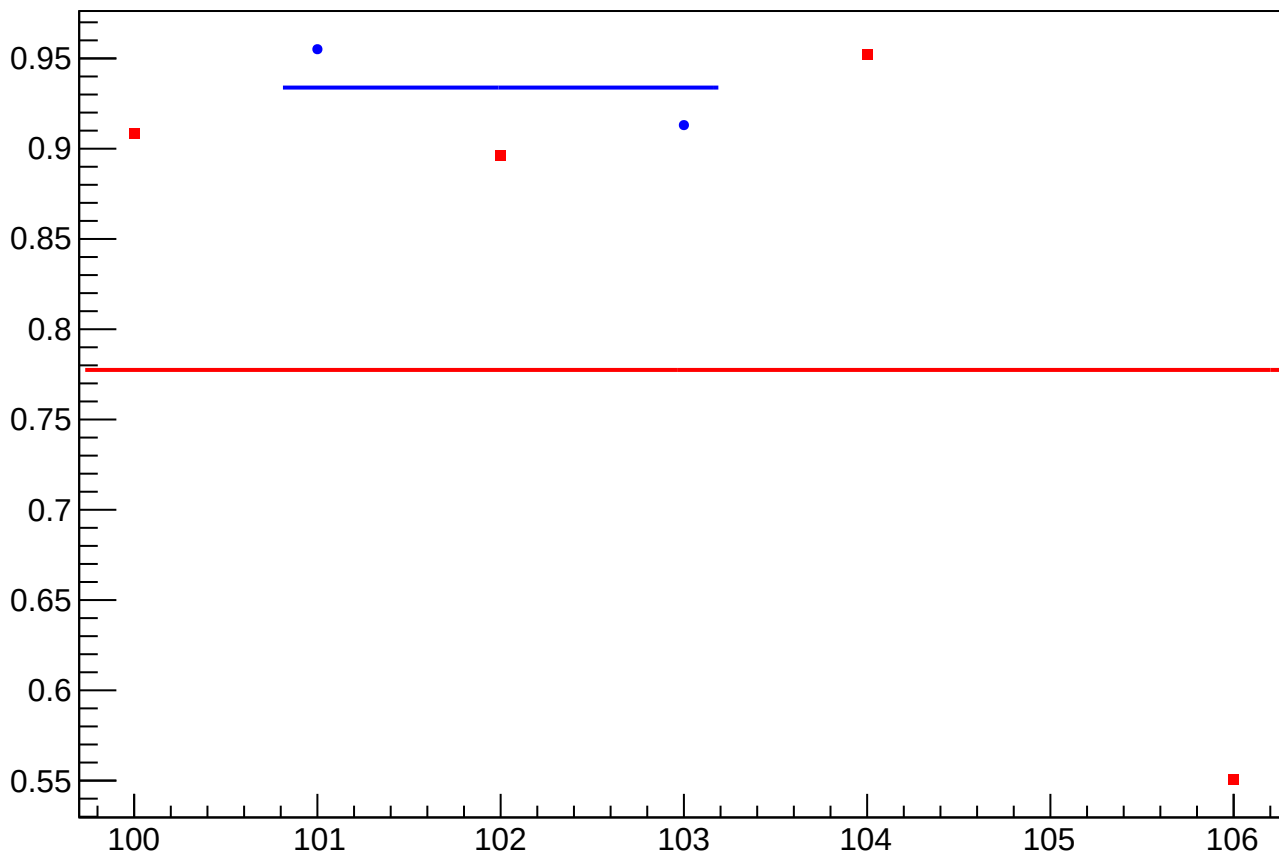
Right: 151.836+/-0.001 χ^2/NDF : 207397115.3/5

In: 152.335+/-0.001 χ^2/NDF : 1364940.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.836+/-0.001 χ^2/NDF : 207397115.3/5

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.934+/-0.001 χ^2/NDF : 1240.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.777+/-0.000 χ^2/NDF : 150001.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

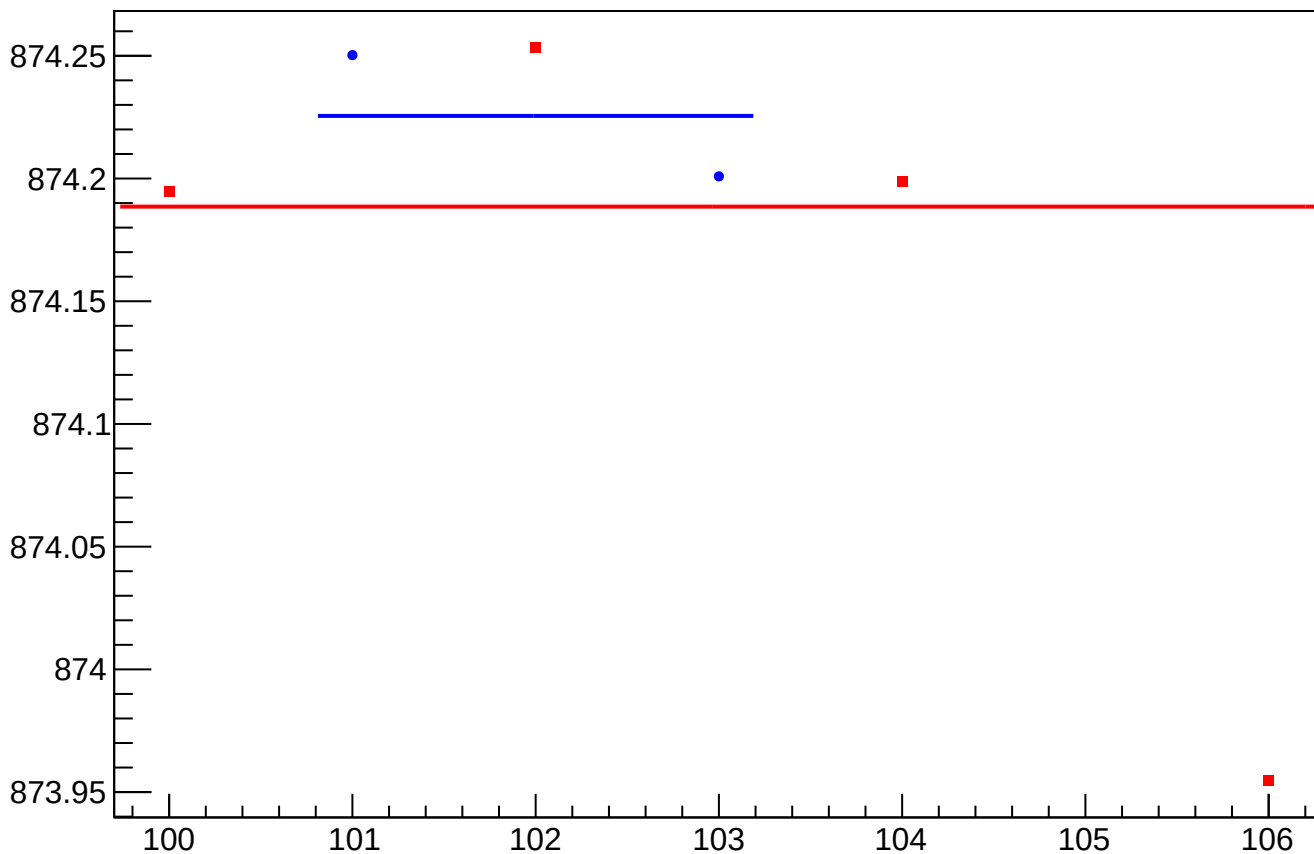
Right: 0.836+/-0.000 χ^2/NDF : 194014.1/5

In: 0.934+/-0.001 χ^2/NDF : 1240.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.836+/-0.000 χ^2/NDF : 194014.1/5

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 874.226+/-0.000 χ^2/NDF : 4337994.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 874.189+/-0.000 χ^2/NDF : 77510469.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

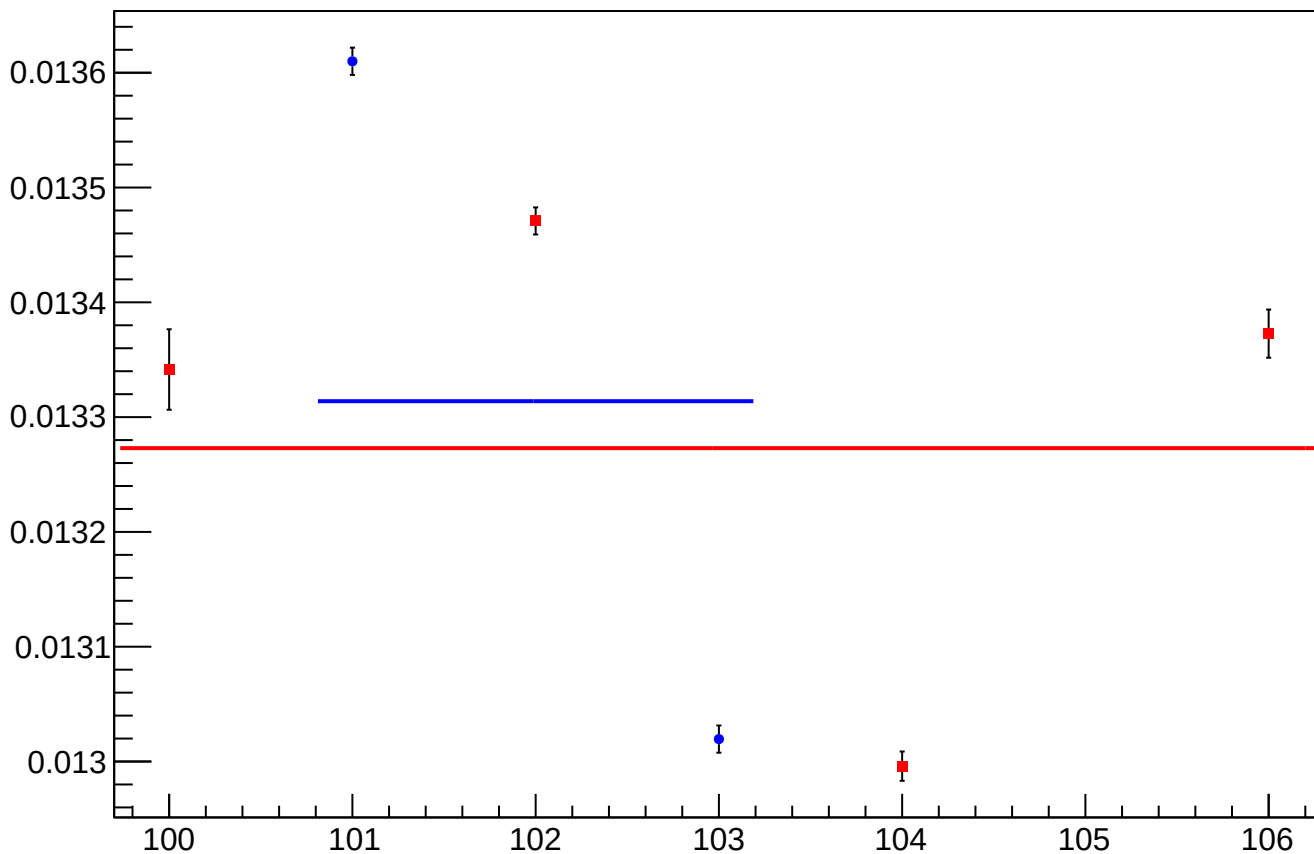
Right: 874.206+/-0.000 χ^2/NDF : 87048706.5/5

In: 874.226+/-0.000 χ^2/NDF : 4337994.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.206+/-0.000 χ^2/NDF : 87048706.5/5

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1239.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 777.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

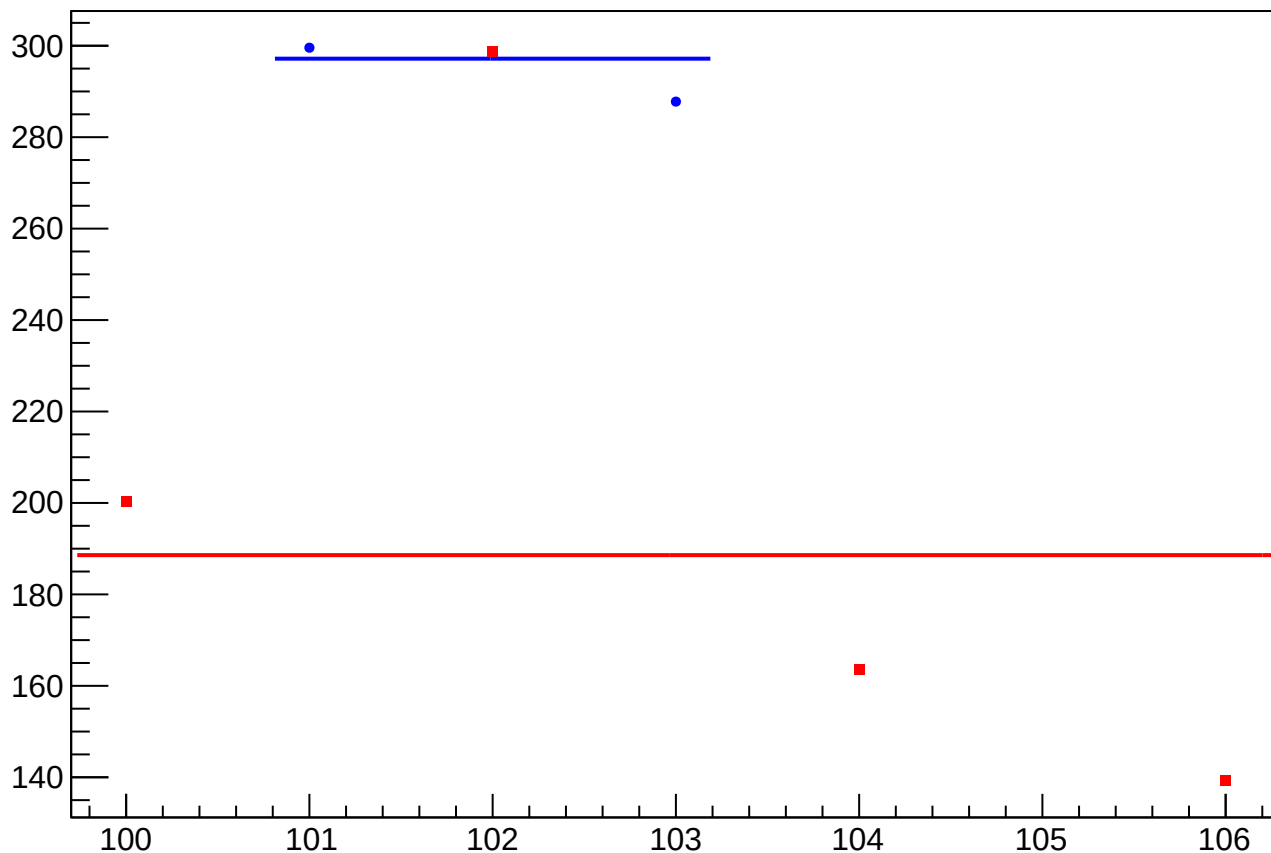
Right: 0.013+/-0.000 χ^2/NDF : 2029.9/5

In: 0.013+/-0.000 χ^2/NDF : 1239.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2029.9/5

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 297.170 $\pm$ 0.006 χ^2 /NDF: 557532.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 188.590 $\pm$ 0.005 χ^2 /NDF: 139806398.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

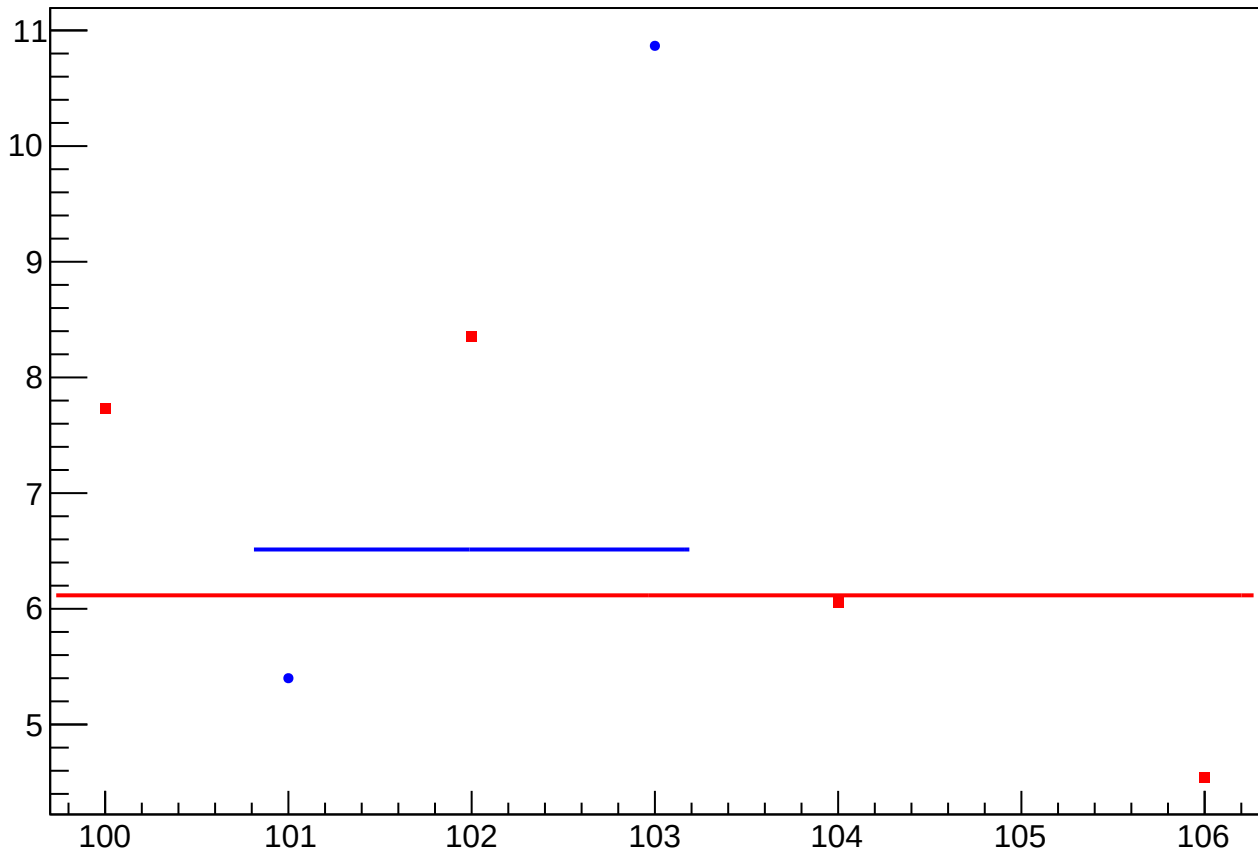
Right: 233.855 $\pm$ 0.004 χ^2 /NDF: 310465423.8/5

In: 297.170 $\pm$ 0.006 χ^2 /NDF:557532.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 233.855 $\pm$ 0.004 χ^2 /NDF: 310465423.8/5

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 6.513+/-0.004 χ^2/NDF : 239705.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.116+/-0.004 χ^2/NDF : 152507.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

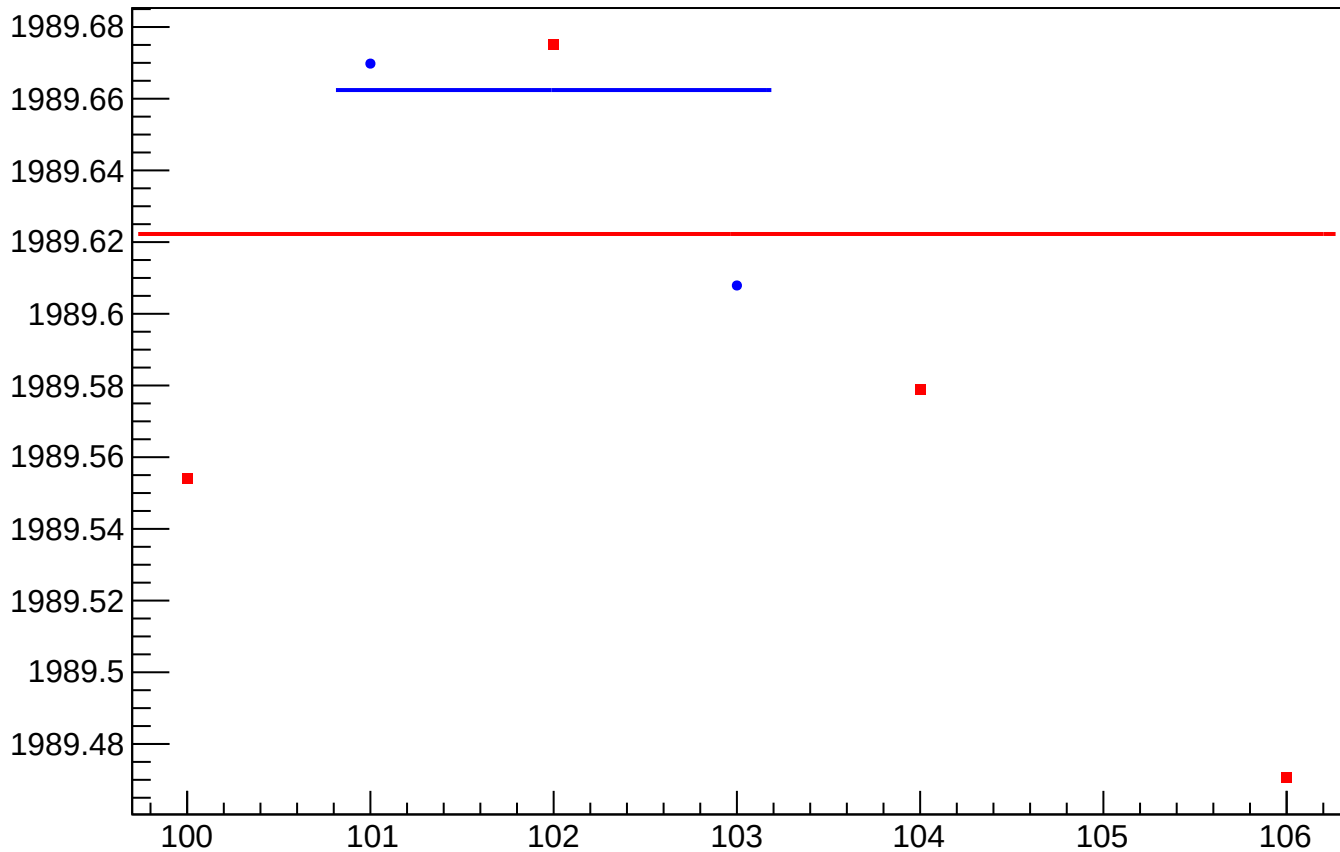
Right: 6.282+/-0.003 χ^2/NDF : 396744.0/5

In: 6.513+/-0.004 χ^2/NDF : 239705.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.282+/-0.003 χ^2/NDF : 396744.0/5

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1989.662 $\pm$ 0.000 χ^2 /NDF: 210846.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1989.622 $\pm$ 0.000 χ^2 /NDF: 4781603.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

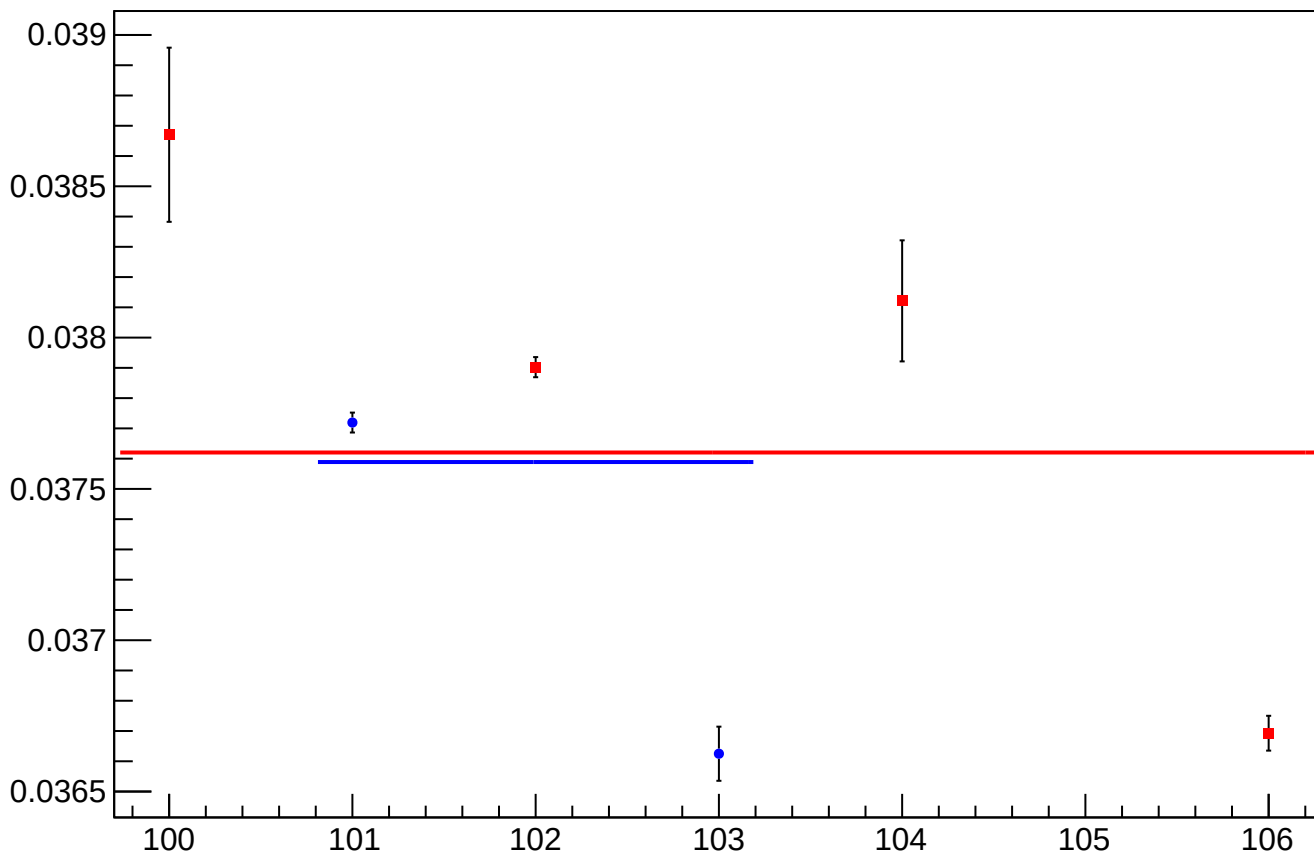
Right: 1989.641 $\pm$ 0.000 χ^2 /NDF: 5450951.2/5

In: 1989.662 $\pm$ 0.000 χ^2 /NDF:210846.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1989.641 $\pm$ 0.000 χ^2 /NDF: 5450951.2/5

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.000 χ^2 /NDF: 131.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.038 $\pm$ 0.000 χ^2 /NDF: 351.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

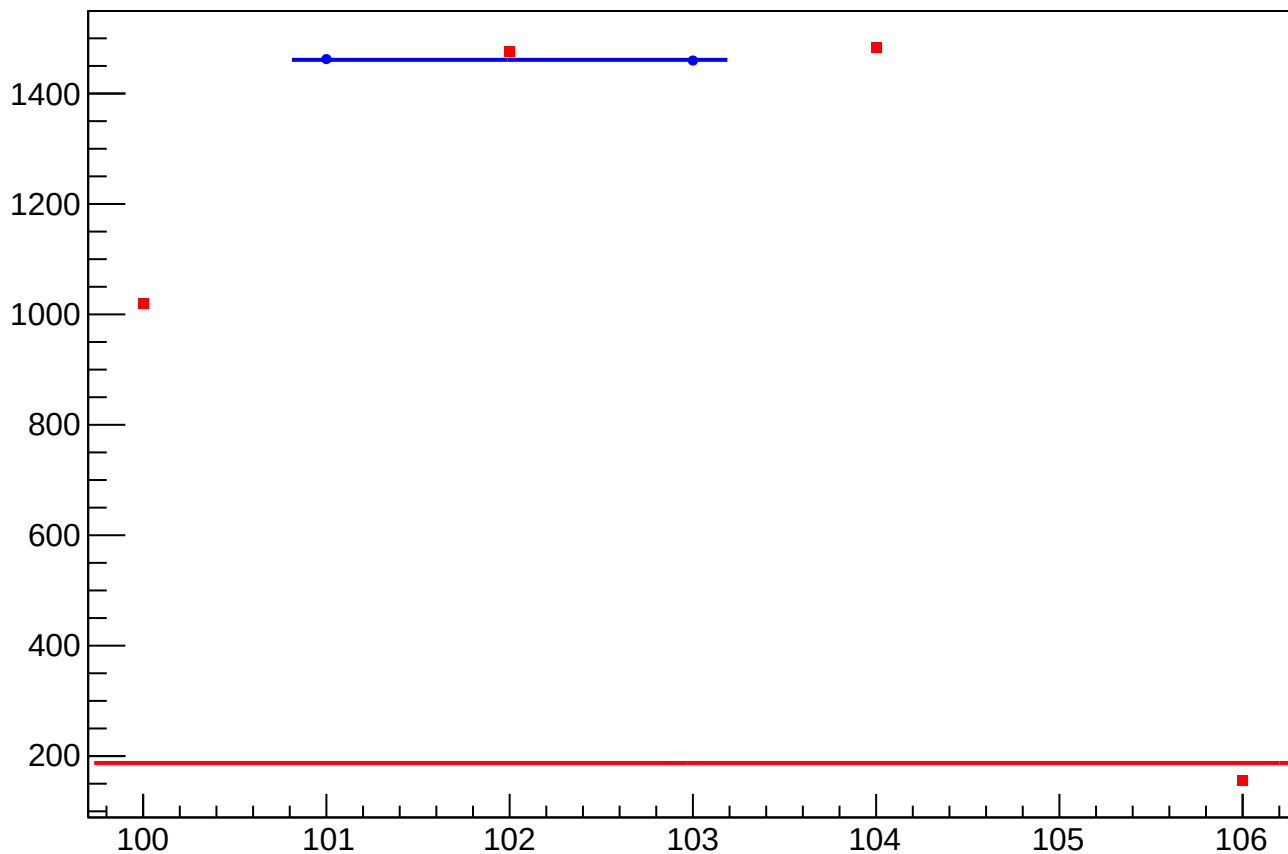
Right: 0.038 $\pm$ 0.000 χ^2 /NDF: 483.8/5

In: 0.038 $\pm$ 0.000 χ^2 /NDF:131.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.038 $\pm$ 0.000 χ^2 /NDF: 483.8/5

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1461.068 $\pm$ 0.011 χ^2 /NDF: 15046.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 187.587 $\pm$ 0.002 χ^2 /NDF: 15506275509.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

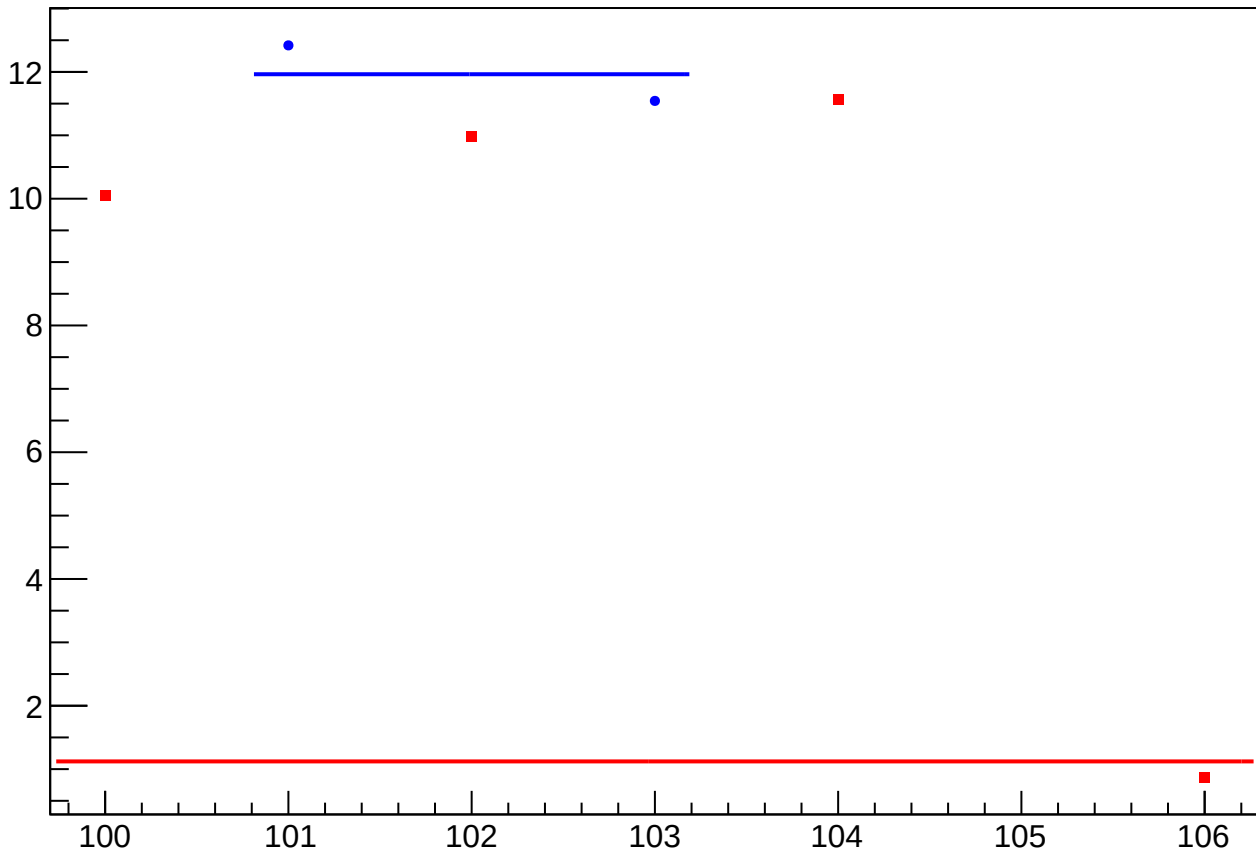
Right: 215.300 $\pm$ 0.002 χ^2 /NDF: 28851670436.4/5

In: 1461.068 $\pm$ 0.011 χ^2 /NDF:15046.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 215.300 $\pm$ 0.002 χ^2 /NDF: 28851670436.4/5

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 11.964+/-0.008 χ^2/NDF : 3222.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.122+/-0.001 χ^2/NDF : 1951595.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

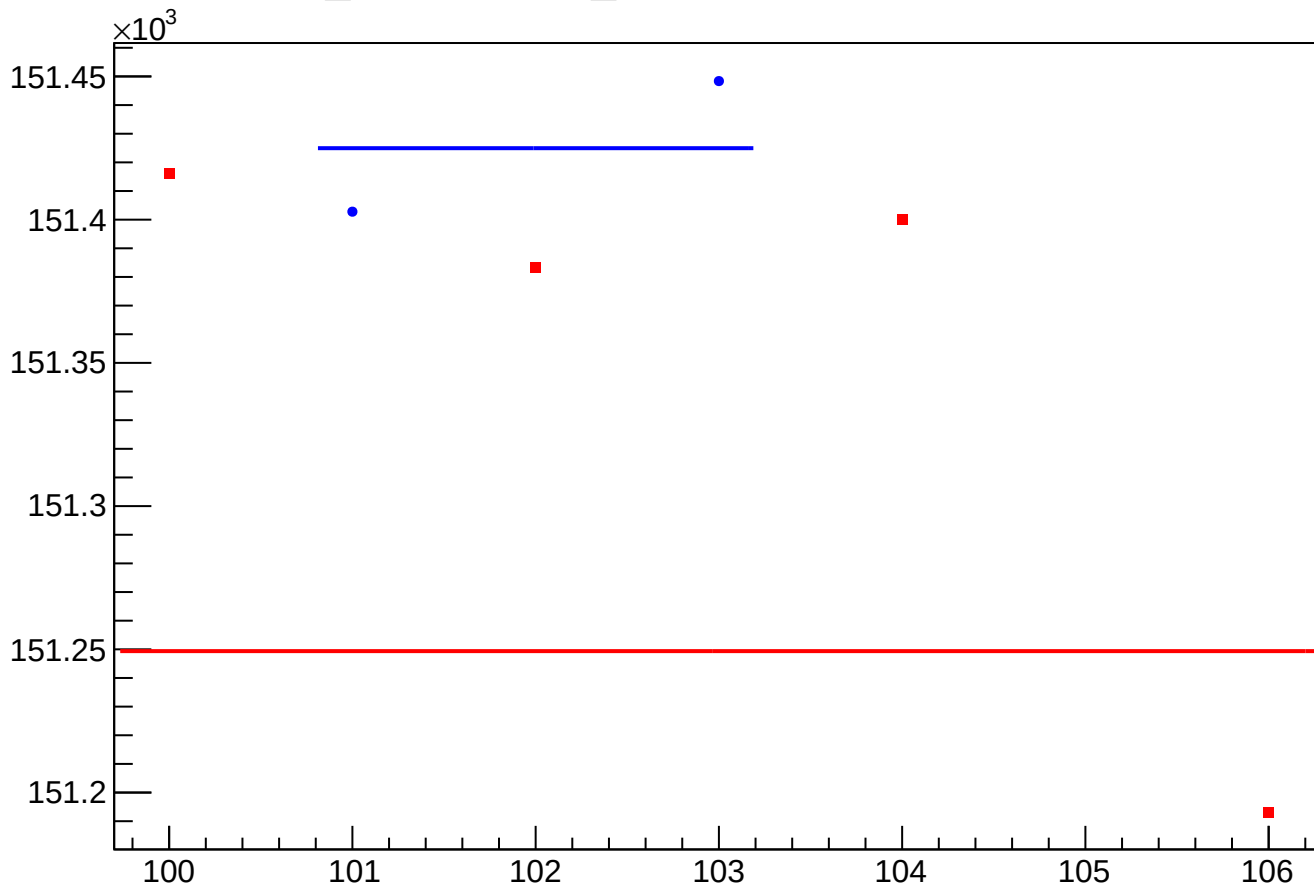
Right: 1.358+/-0.001 χ^2/NDF : 3889433.5/5

In: 11.964+/-0.008 χ^2/NDF : 3222.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.358+/-0.001 χ^2/NDF : 3889433.5/5

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151424.953 $\pm$ 0.343 χ^2 /NDF: 4410.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151249.375 $\pm$ 0.199 χ^2 /NDF: 203203.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

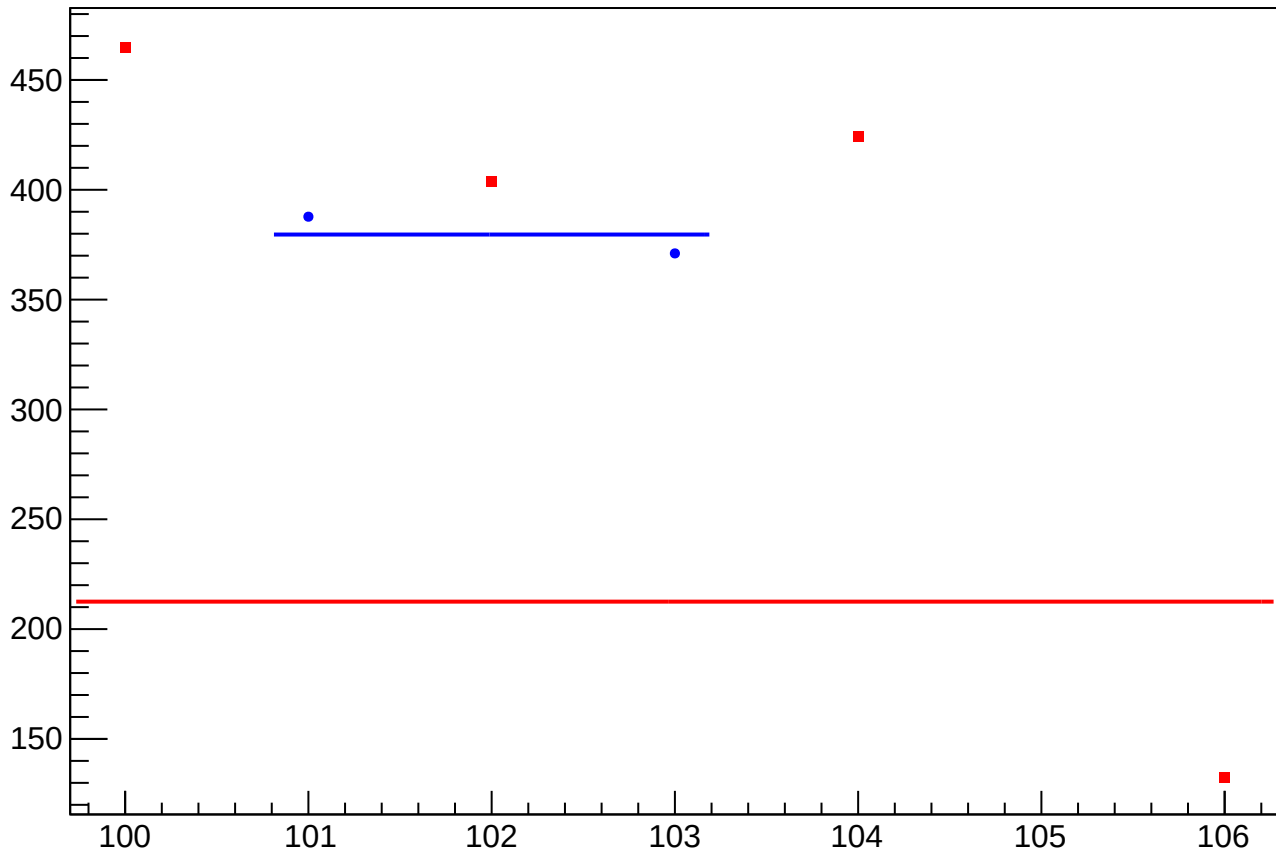
Right: 151293.436 $\pm$ 0.172 χ^2 /NDF: 403741.8/5

In: 151424.953 $\pm$ 0.343 χ^2 /NDF:4410.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151293.436 $\pm$ 0.172 χ^2 /NDF: 403741.8/5

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.502+/-0.140 χ^2/NDF : 824236.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

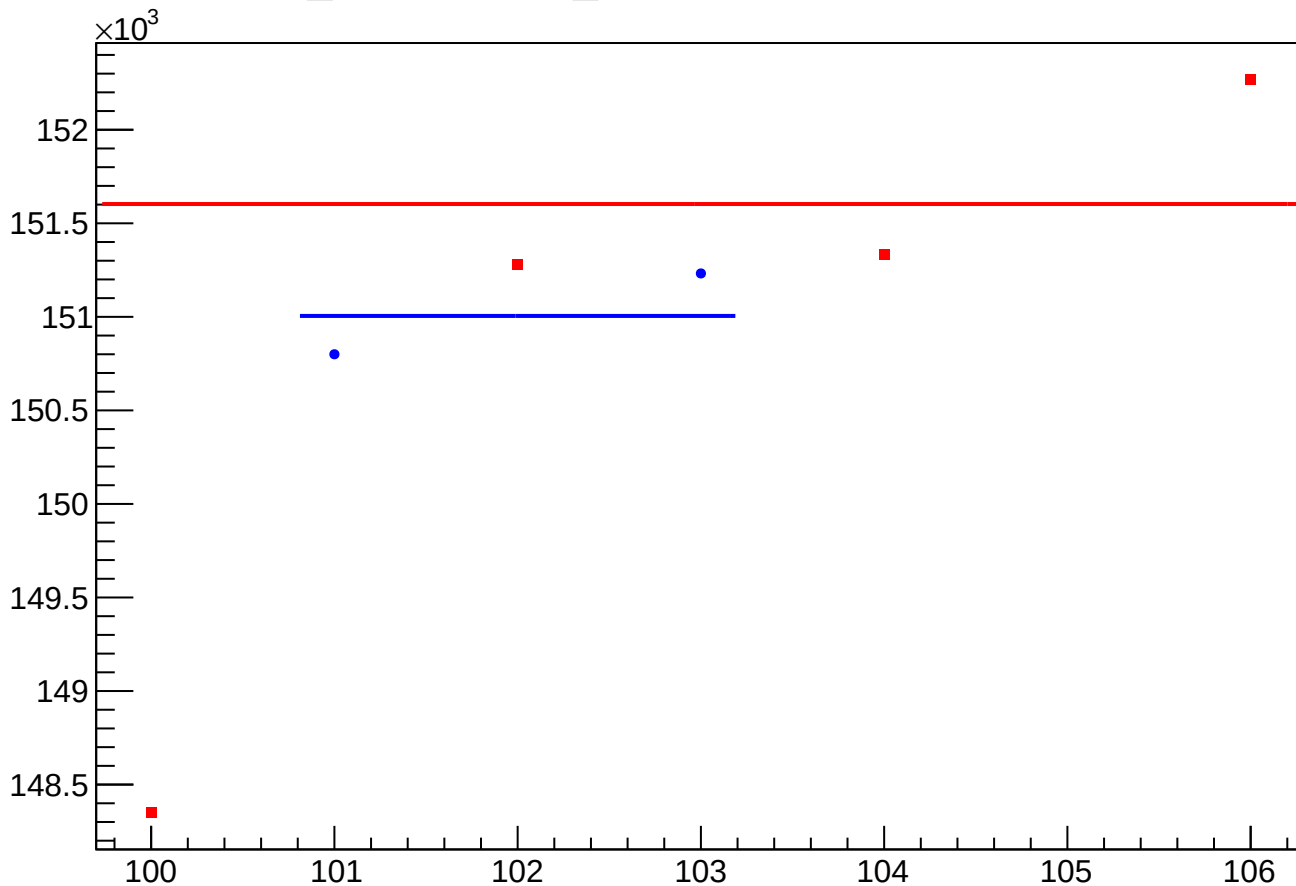
Right: 254.441+/-0.122 χ^2/NDF : 1180820.5/5

In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.441+/-0.122 χ^2/NDF : 1180820.5/5

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151603.118 $\pm$ 0.275 χ^2 /NDF: 5726726.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

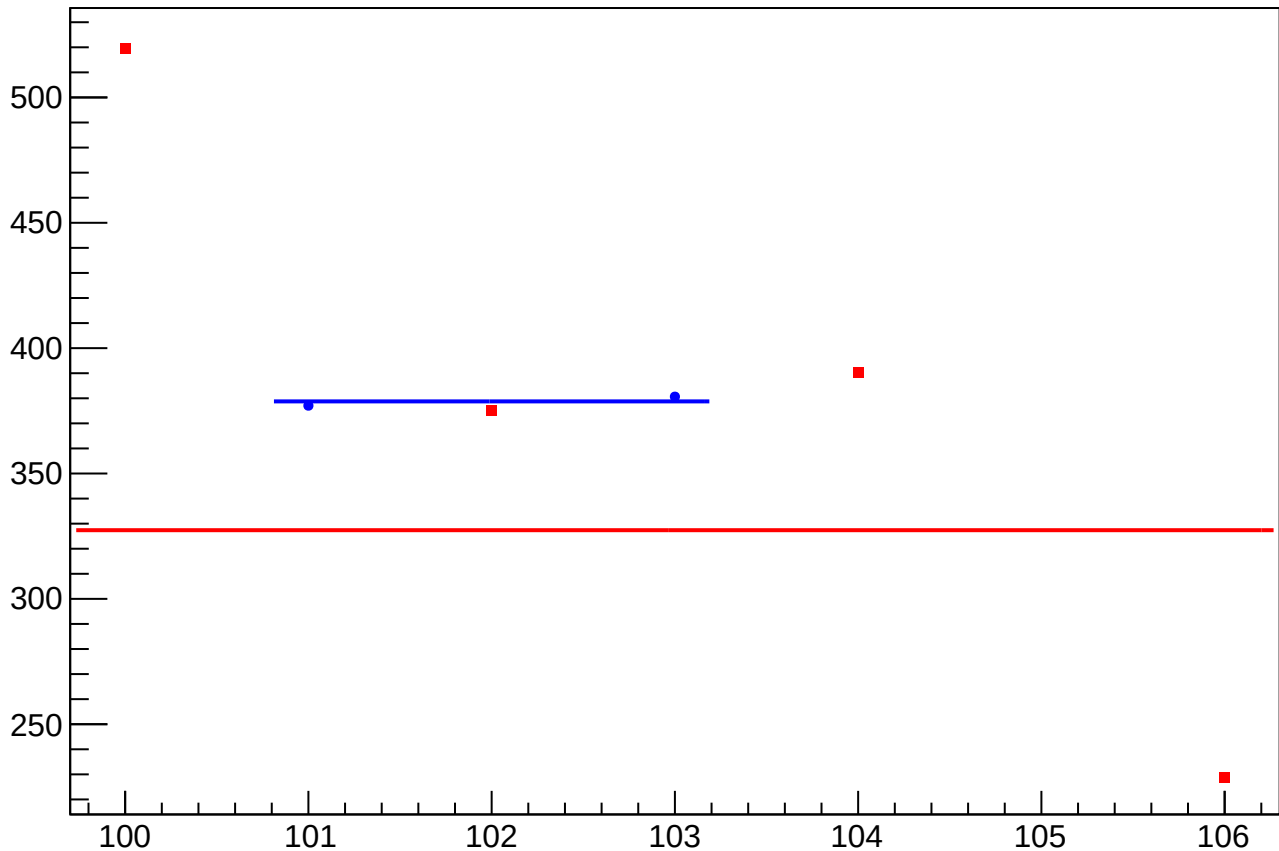
Right: 151364.144 $\pm$ 0.213 χ^2 /NDF: 8022595.9/5

In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151364.144 $\pm$ 0.213 χ^2 /NDF: 8022595.9

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 378.765 $\pm$ 0.239 χ^2 /NDF: 56.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 327.391 $\pm$ 0.195 χ^2 /NDF: 163128.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

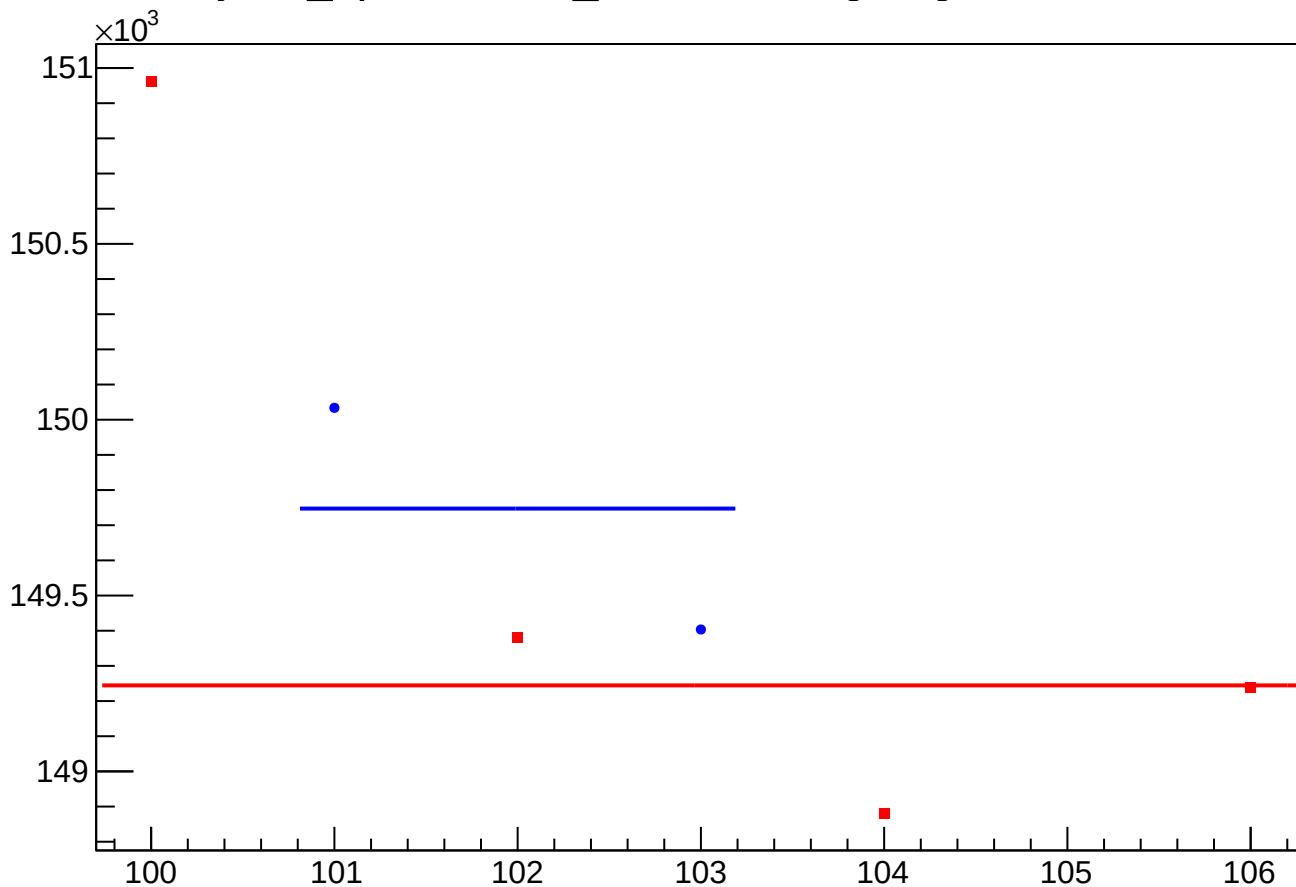
Right: 347.914 $\pm$ 0.151 χ^2 /NDF: 191023.0/5

In: 378.765 $\pm$ 0.239 χ^2 /NDF: 56.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

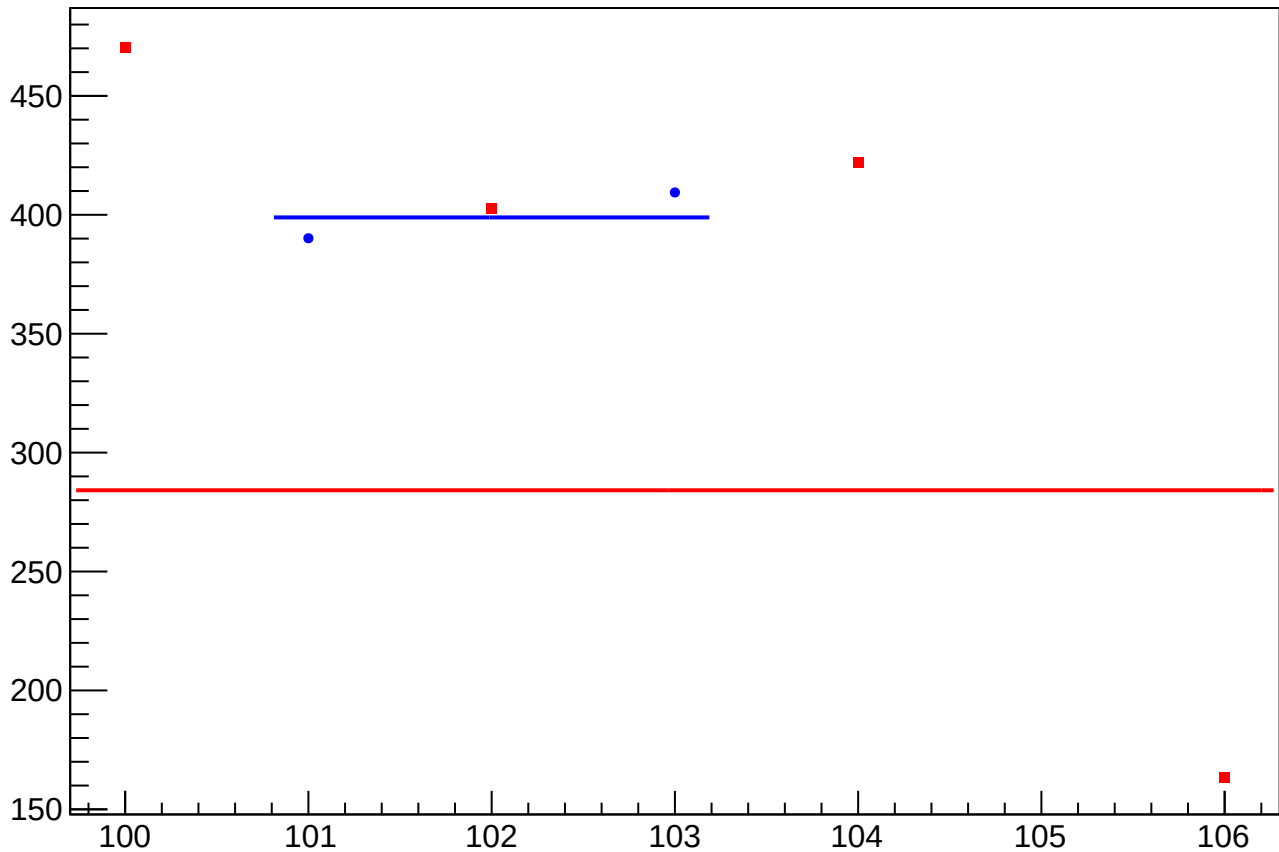
All: 347.914 $\pm$ 0.151 χ^2 /NDF: 191023.0/5

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149747.307 $\pm$ 0.356 χ^2 /NDF: 778570.6/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 149244.566 $\pm$ 0.258 χ^2 /NDF: 1424025.9/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 149418.194 $\pm$ 0.209 χ^2 /NDF: 3510427.1/5
 In: 149747.307 $\pm$ 0.356 χ^2 /NDF:778570.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 149418.194 $\pm$ 0.209 χ^2 /NDF: 3510427.1

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 398.901 $\pm$ 0.252 χ^2 /NDF: 1453.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 284.164 $\pm$ 0.183 χ^2 /NDF: 471329.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

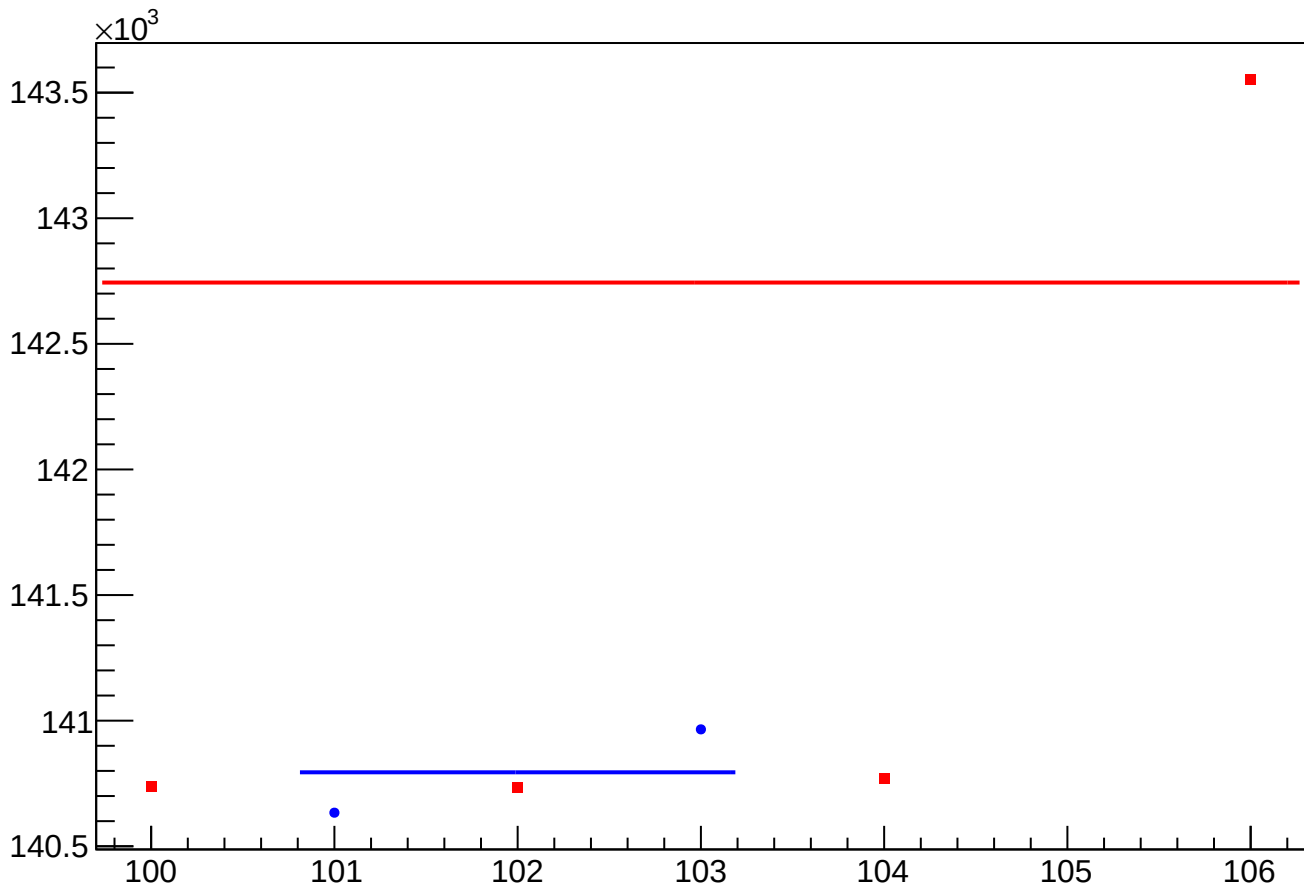
Right: 323.790 $\pm$ 0.148 χ^2 /NDF: 609021.9/5

In: 398.901 $\pm$ 0.252 χ^2 /NDF:1453.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

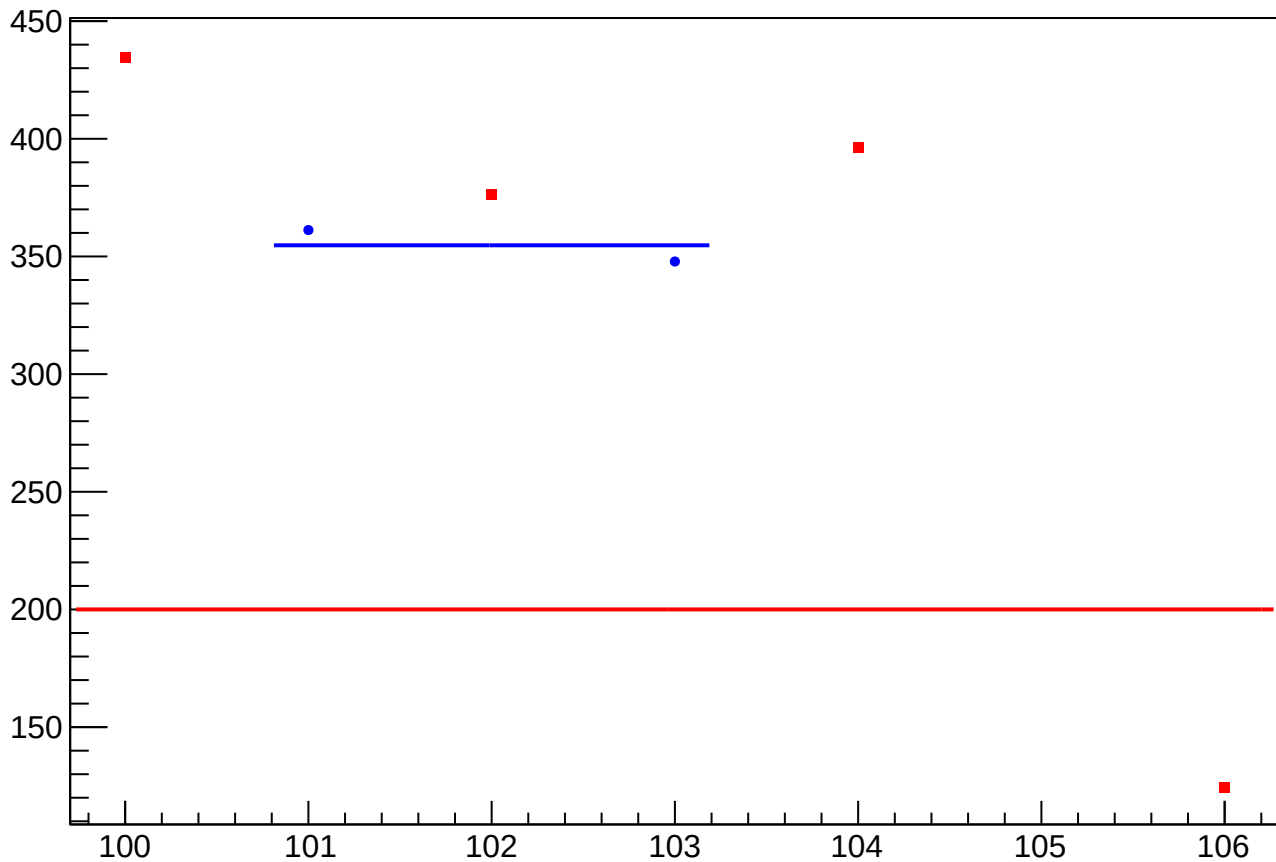
All: 323.790 $\pm$ 0.148 χ^2 /NDF: 609021.9/5

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 140794.426 $\pm$ 0.320 χ^2 /NDF: 268100.7/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142744.014 $\pm$ 0.187 χ^2 /NDF: 46197173.9/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 142248.843 $\pm$ 0.161 χ^2 /NDF: 74131800.3/5
 In: 140794.426 $\pm$ 0.320 χ^2 /NDF:268100.7/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 142248.843 $\pm$ 0.161 χ^2 /NDF: 74131800.3/5

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 354.744+/-0.226 χ^2/NDF : 870.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.022+/-0.132 χ^2/NDF : 814246.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

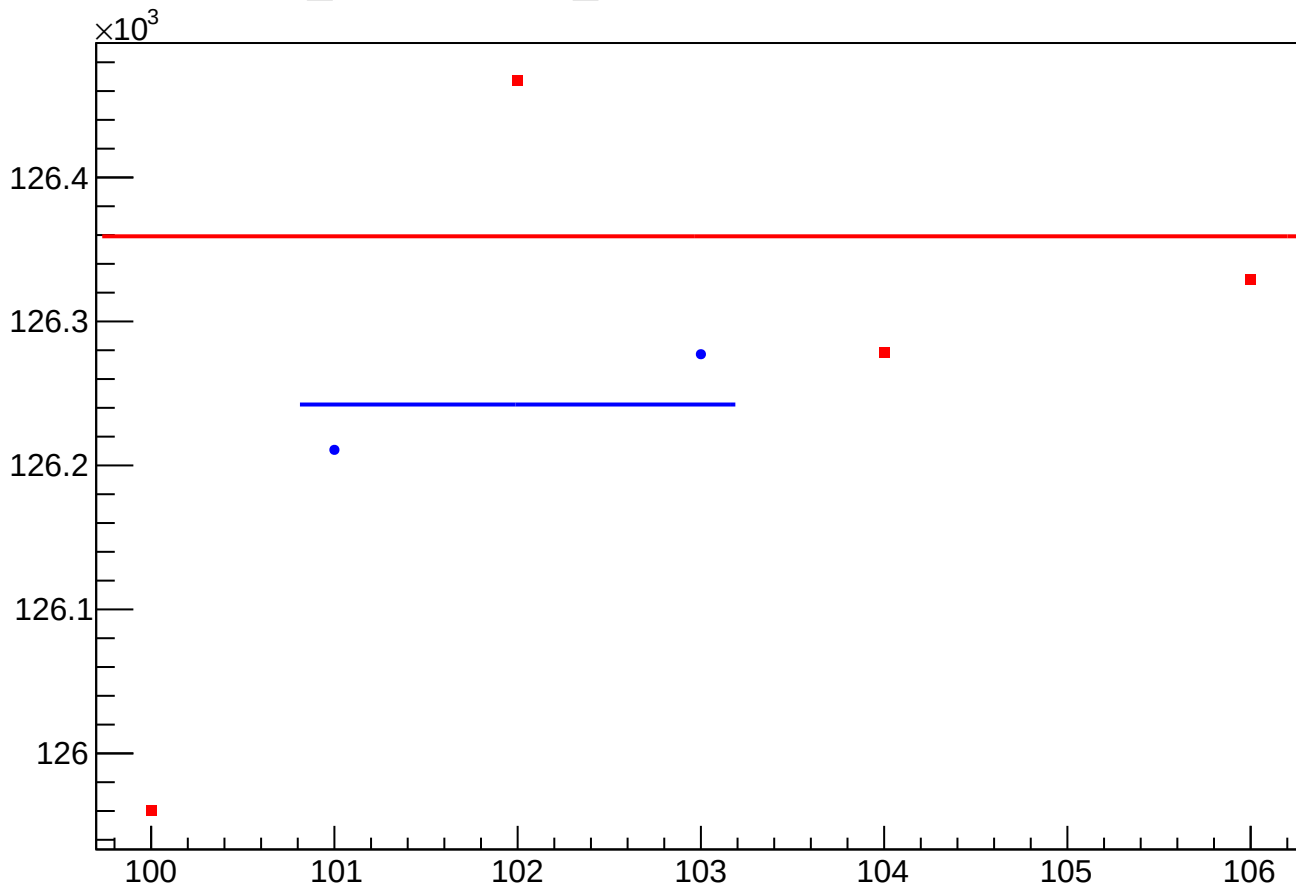
Right: 239.319+/-0.114 χ^2/NDF : 1163617.4/5

In: 354.744+/-0.226 χ^2/NDF : 870.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.319+/-0.114 χ^2/NDF : 1163617.4/5

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 126242.305 $\pm$ 0.273 χ^2 /NDF: 14753.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126359.136 $\pm$ 0.230 χ^2 /NDF: 183555.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

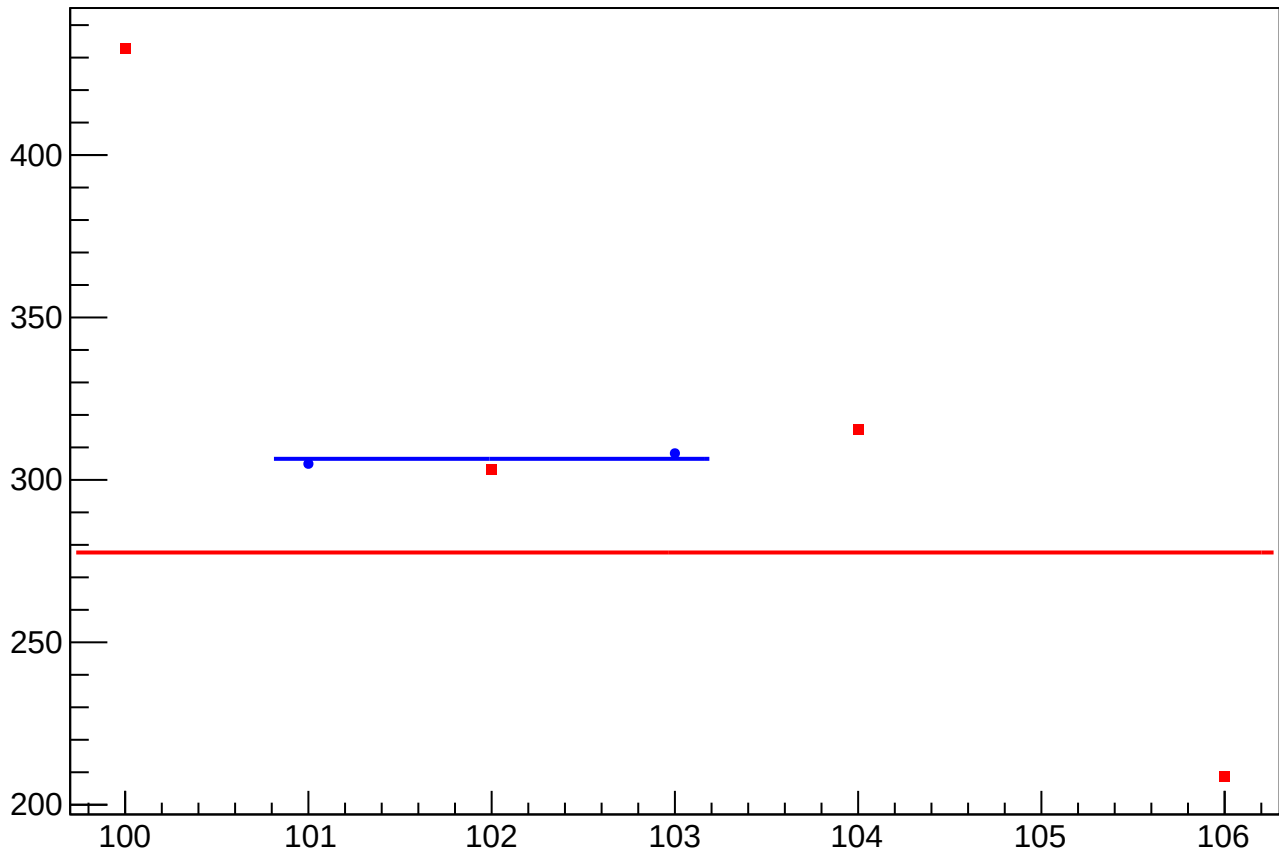
Right: 126310.733 $\pm$ 0.176 χ^2 /NDF: 305559.1/5

In: 126242.305 $\pm$ 0.273 χ^2 /NDF:14753.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126310.733 $\pm$ 0.176 χ^2 /NDF: 305559.1/5

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 306.487+/-0.193 χ^2/NDF : 69.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.652+/-0.162 χ^2/NDF : 103355.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

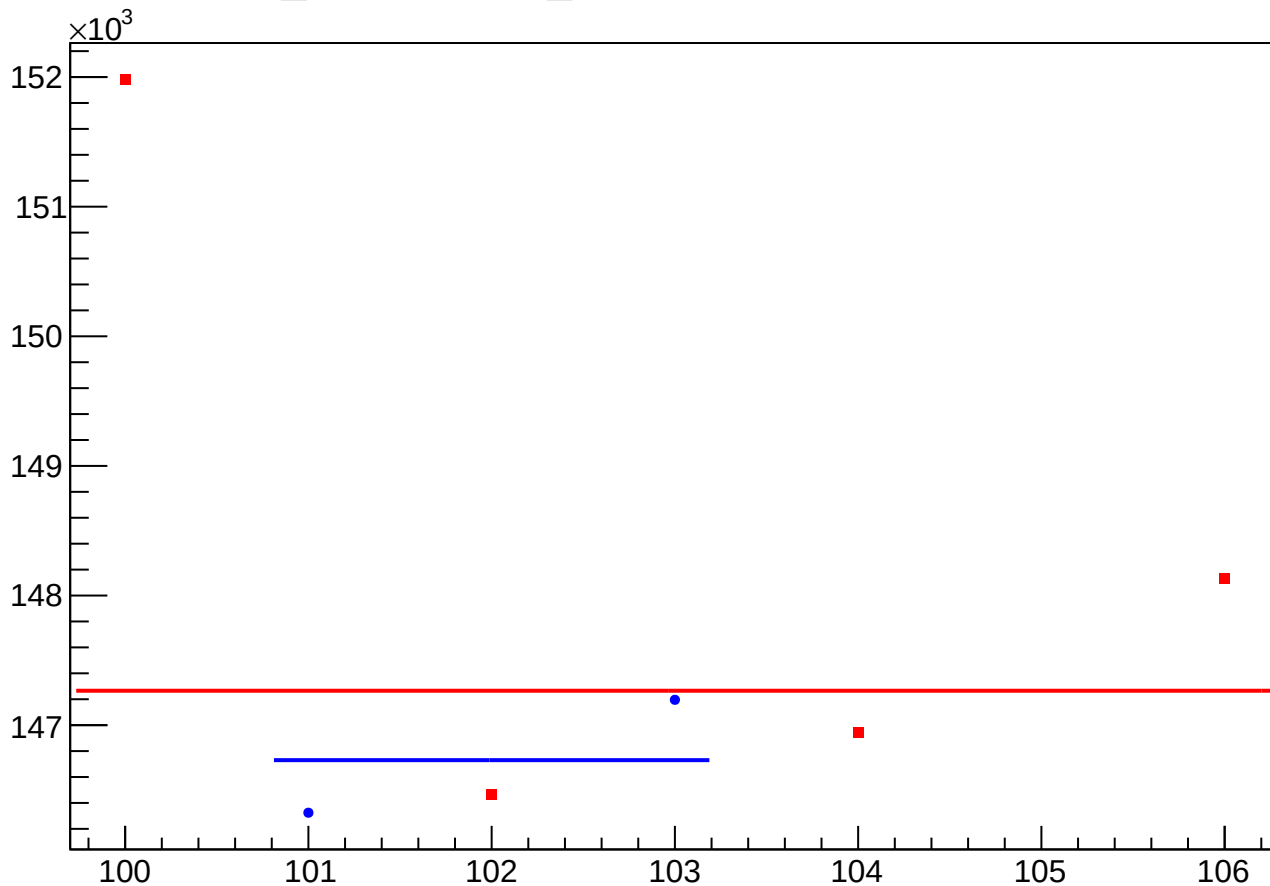
Right: 289.599+/-0.124 χ^2/NDF : 116491.3/5

In: 306.487+/-0.193 χ^2/NDF : 69.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

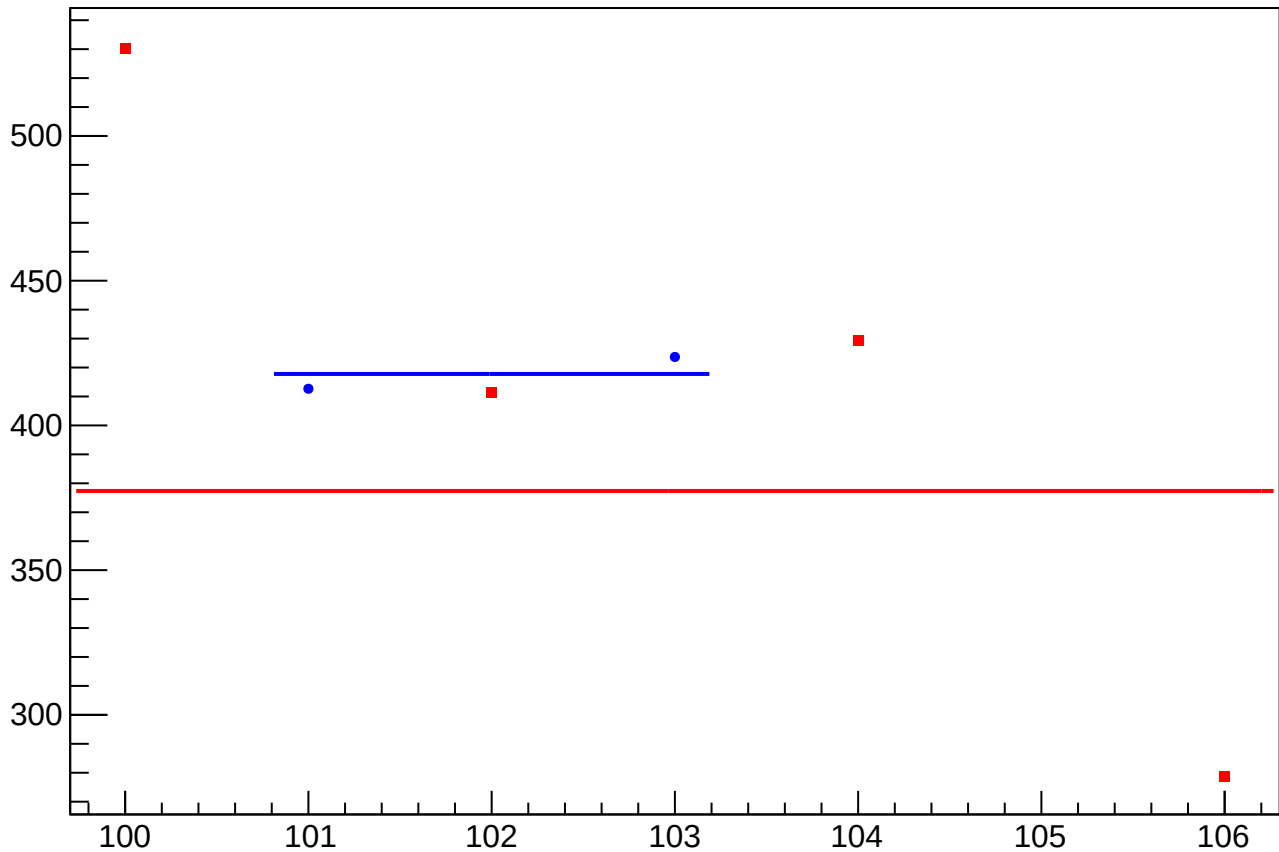
All: 289.599+/-0.124 χ^2/NDF : 116491.3/5

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 146730.012 $\pm$ 0.372 χ^2 /NDF: 1362462.5/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 147265.625 $\pm$ 0.315 χ^2 /NDF: 10840042.8/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 147042.399 $\pm$ 0.240 χ^2 /NDF: 13409727.0/5
 In: 146730.012 $\pm$ 0.372 χ^2 /NDF:1362462.5/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 147042.399 $\pm$ 0.240 χ^2 /NDF: 13409727.0/5

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 417.783+/-0.263 χ^2/NDF : 433.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 377.358+/-0.223 χ^2/NDF : 98365.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

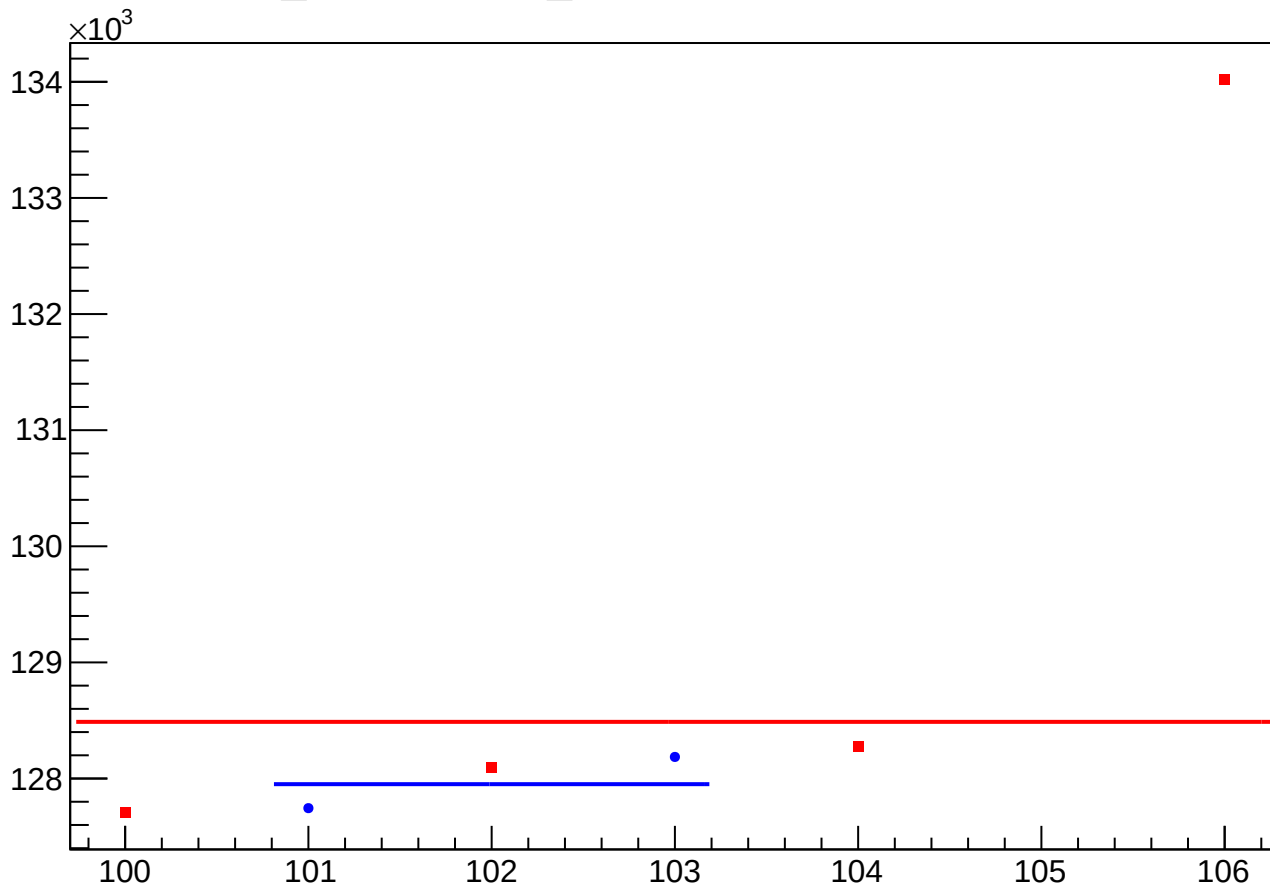
Right: 394.206+/-0.170 χ^2/NDF : 112552.5/5

In: 417.783+/-0.263 χ^2/NDF : 433.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.206+/-0.170 χ^2/NDF : 112552.5/5

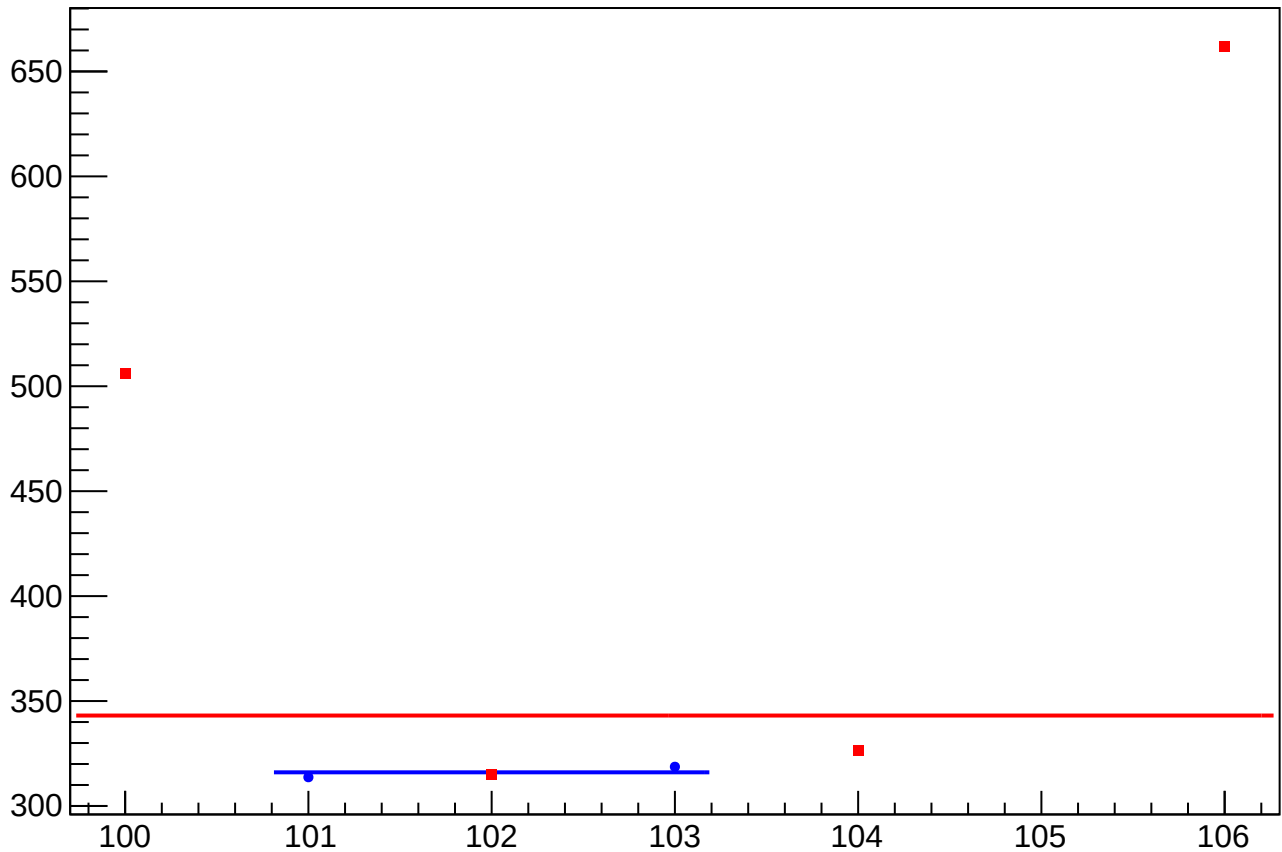
yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 127951.390 $\pm$ 0.282 χ^2 /NDF: 607295.6/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 128488.032 $\pm$ 0.285 χ^2 /NDF: 22254338.3/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 128217.184 $\pm$ 0.201 χ^2 /NDF: 24649413.2/5
 In: 127951.390 $\pm$ 0.282 χ^2 /NDF:607295.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 128217.184 $\pm$ 0.201 χ^2 /NDF: 24649413.2/5

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 316.035 $\pm$ 0.200 χ^2 /NDF: 155.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.093 $\pm$ 0.202 χ^2 /NDF: 166161.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

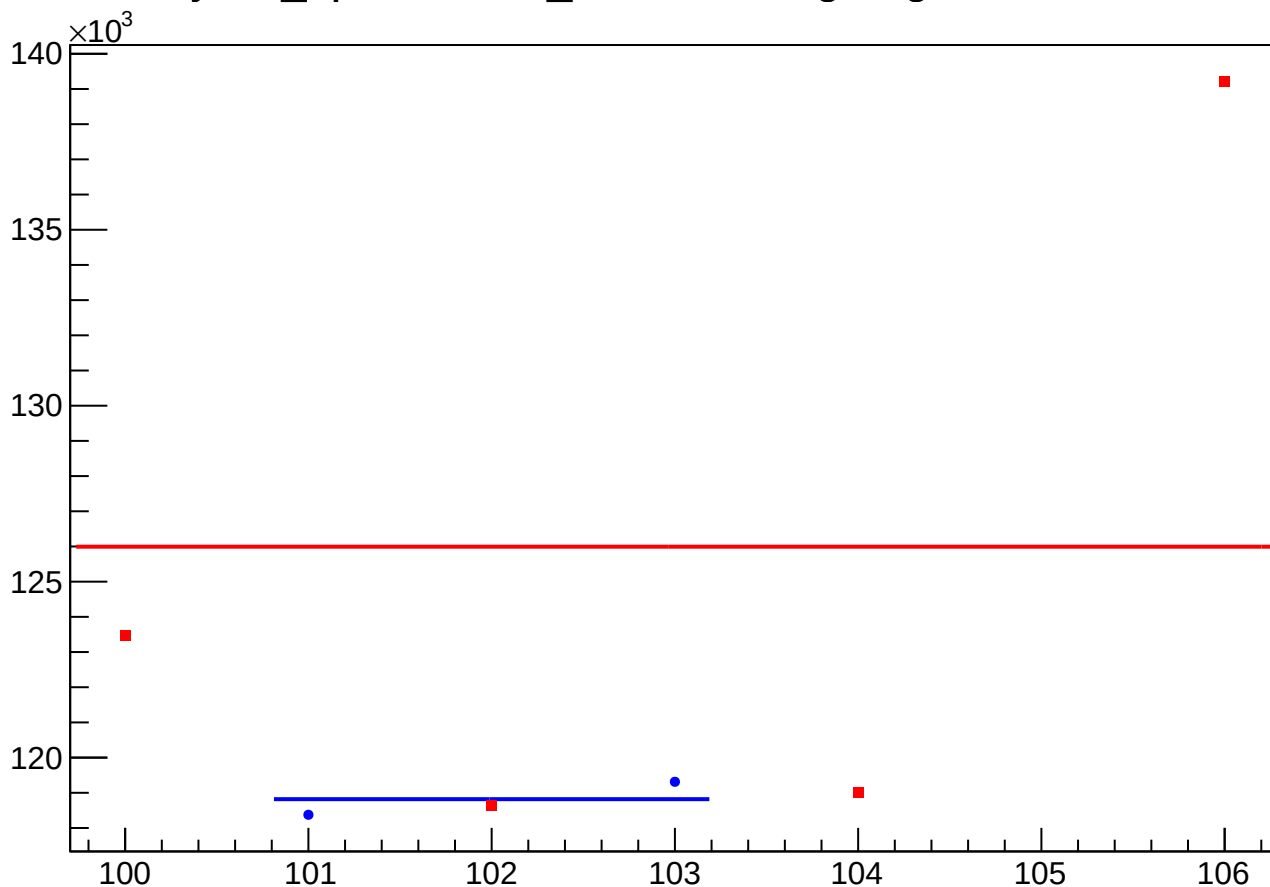
Right: 329.437 $\pm$ 0.142 χ^2 /NDF: 175406.9/5

In: 316.035 $\pm$ 0.200 χ^2 /NDF: 155.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

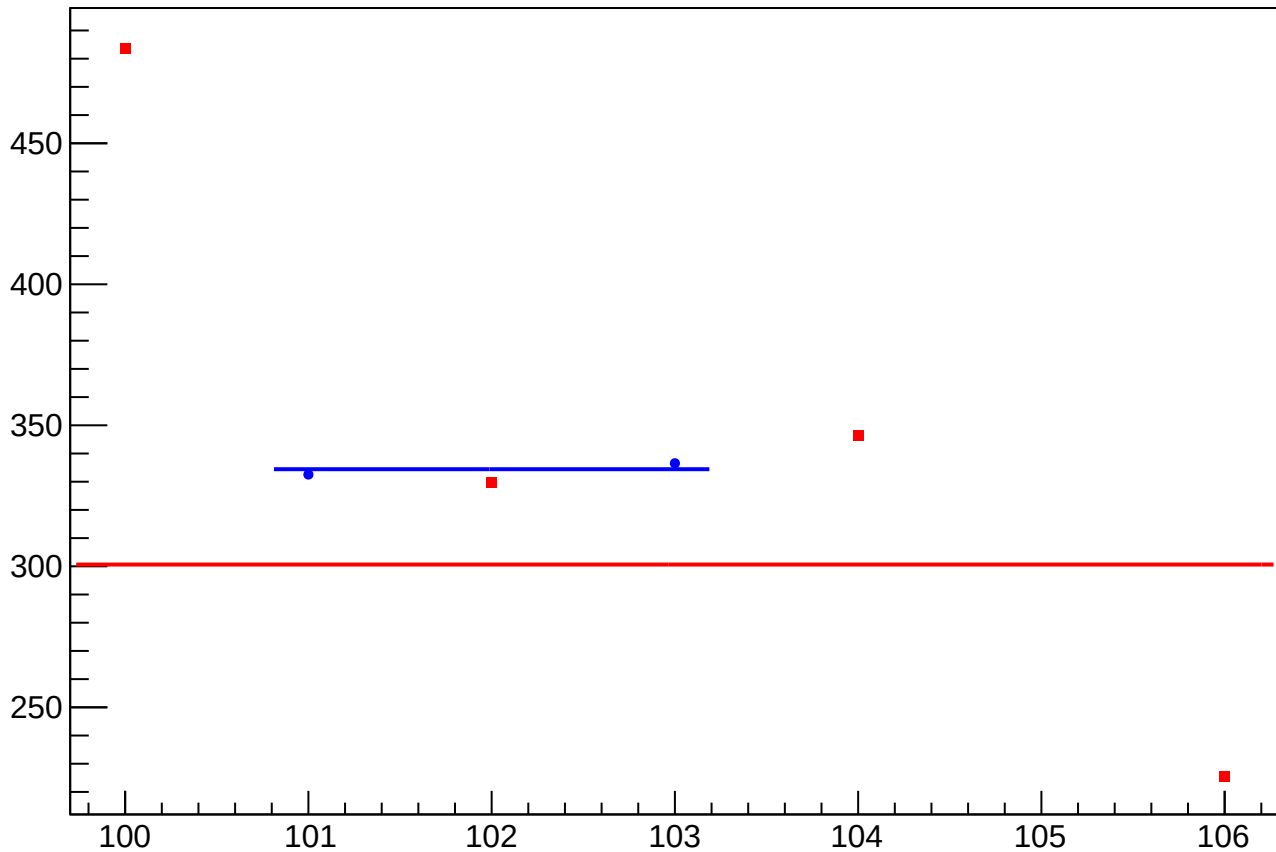
All: 329.437 $\pm$ 0.142 χ^2 /NDF: 175406.9/5

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 118819.142 $\pm$ 0.298 χ^2 /NDF: 2470152.2/1
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 123056.120 $\pm$ 0.191 χ^2 /NDF: 1868435482.9/1
 Right Out: 125993.704 $\pm$ 0.248 χ^2 /NDF: 1523322468.4/3
 In: 118819.142 $\pm$ 0.298 χ^2 /NDF: 2470152.2/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 123056.120 $\pm$ 0.191 χ^2 /NDF: 1868435482.9/1

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 334.435+/-0.211 χ^2/NDF : 89.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 300.622+/-0.175 χ^2/NDF : 112875.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

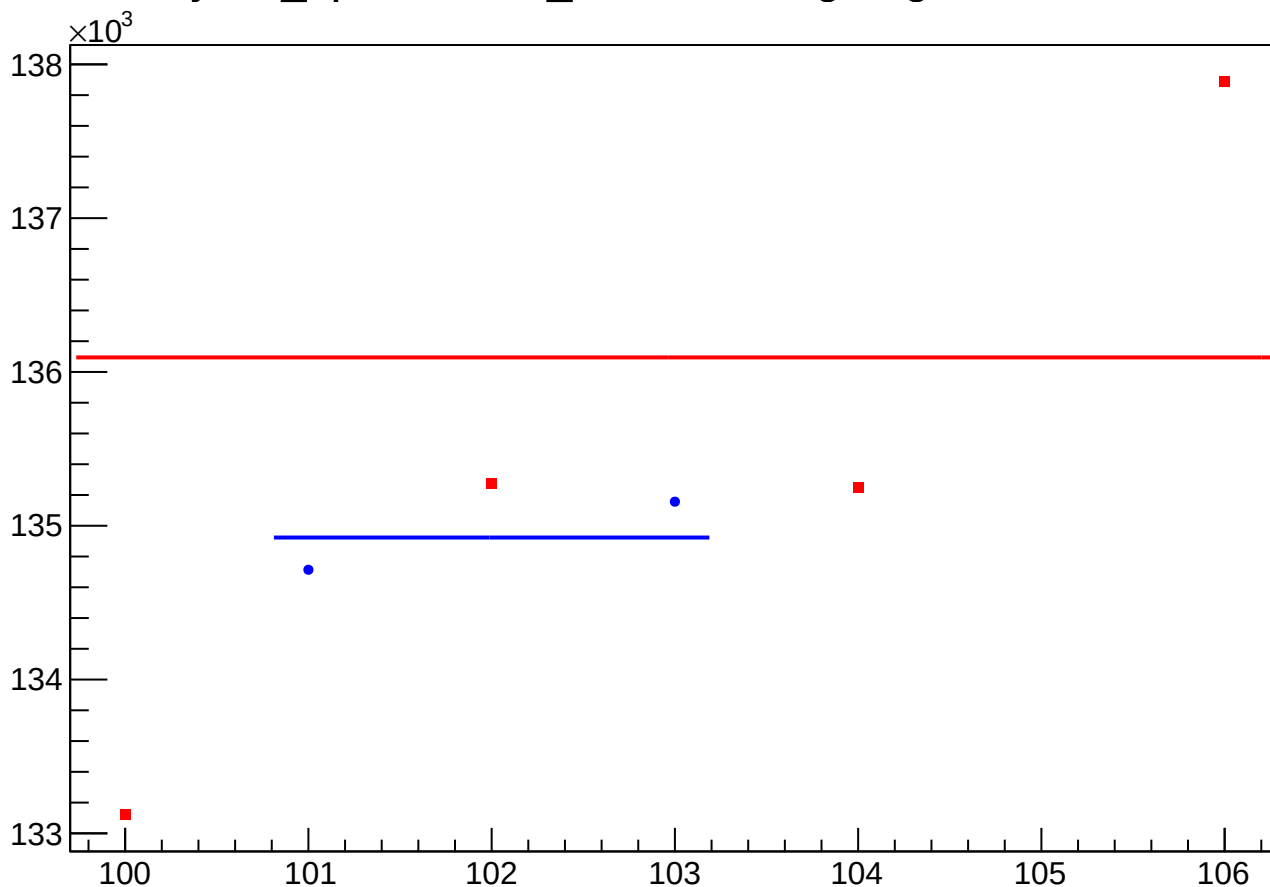
Right: 314.467+/-0.135 χ^2/NDF : 128186.1/5

In: 334.435+/-0.211 χ^2/NDF : 89.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.467+/-0.135 χ^2/NDF : 128186.1/5

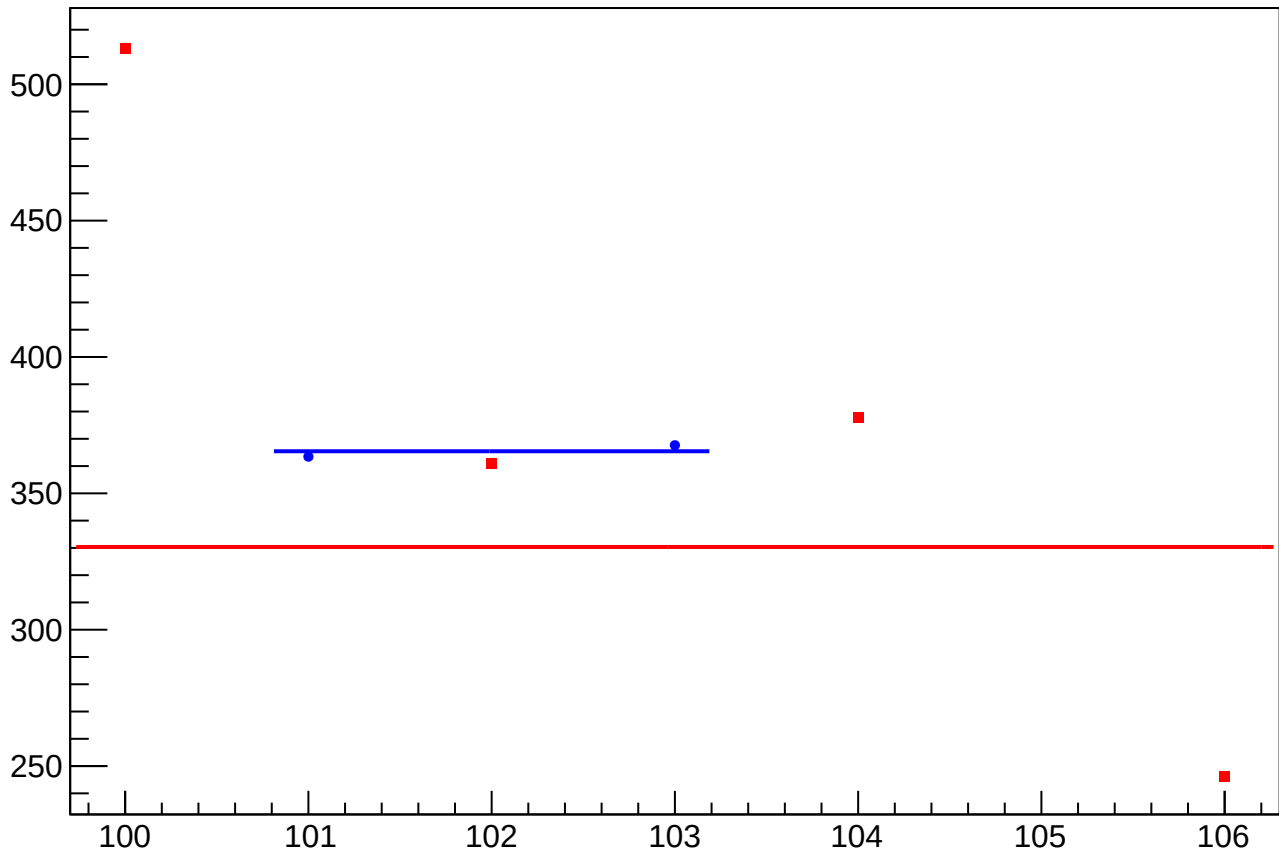
yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134923.414 $\pm$ 0.326 χ^2 /NDF: 460988.6/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 136094.563 $\pm$ 0.274 χ^2 /NDF: 22642555.4/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135608.992 $\pm$ 0.210 χ^2 /NDF: 30678675.0/5
 In: 134923.414 $\pm$ 0.326 χ^2 /NDF:460988.6/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135608.992 $\pm$ 0.210 χ^2 /NDF: 30678675.0/5

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 365.434+/-0.230 χ^2/NDF : 82.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.341+/-0.194 χ^2/NDF : 107169.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

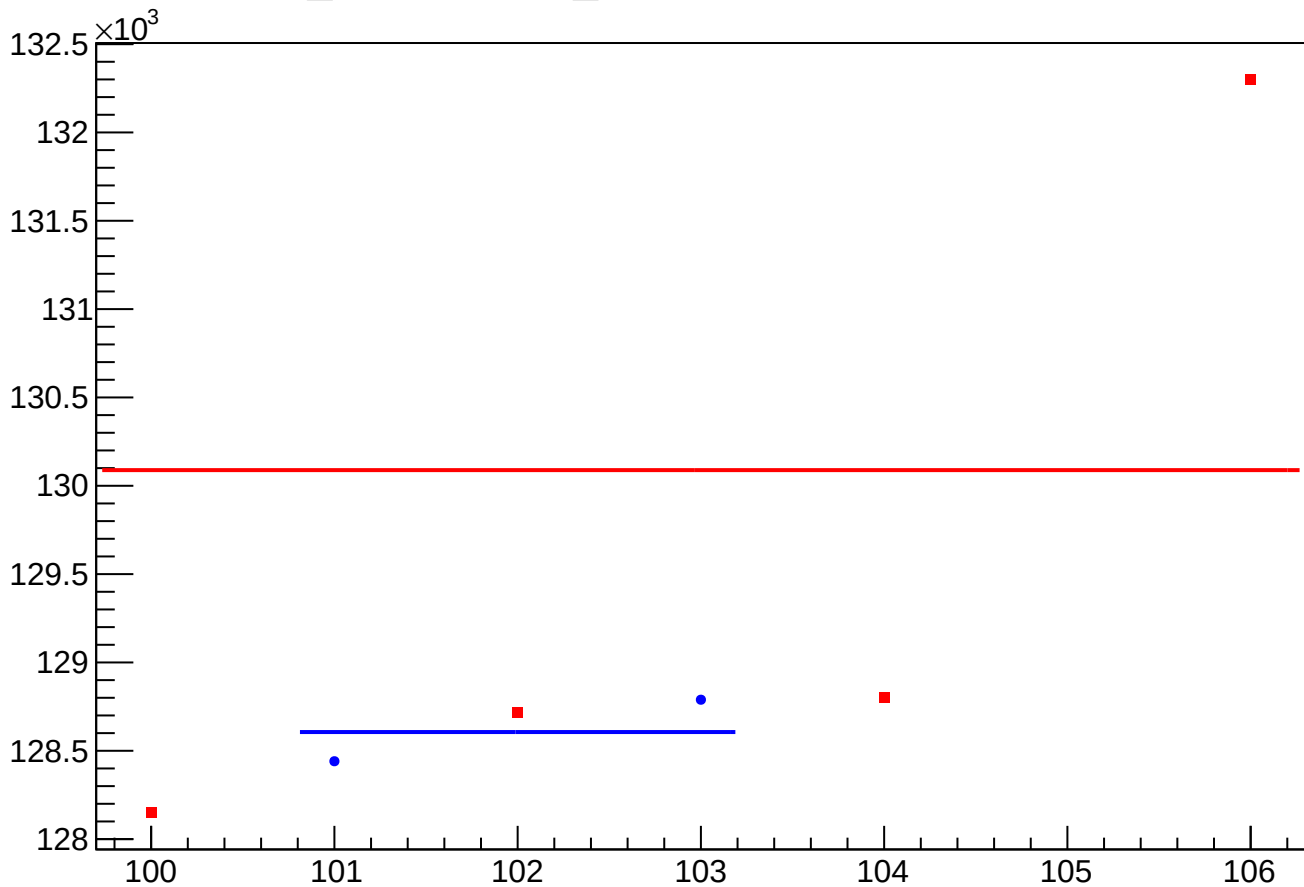
Right: 344.891+/-0.148 χ^2/NDF : 120855.5/5

In: 365.434+/-0.230 χ^2/NDF : 82.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

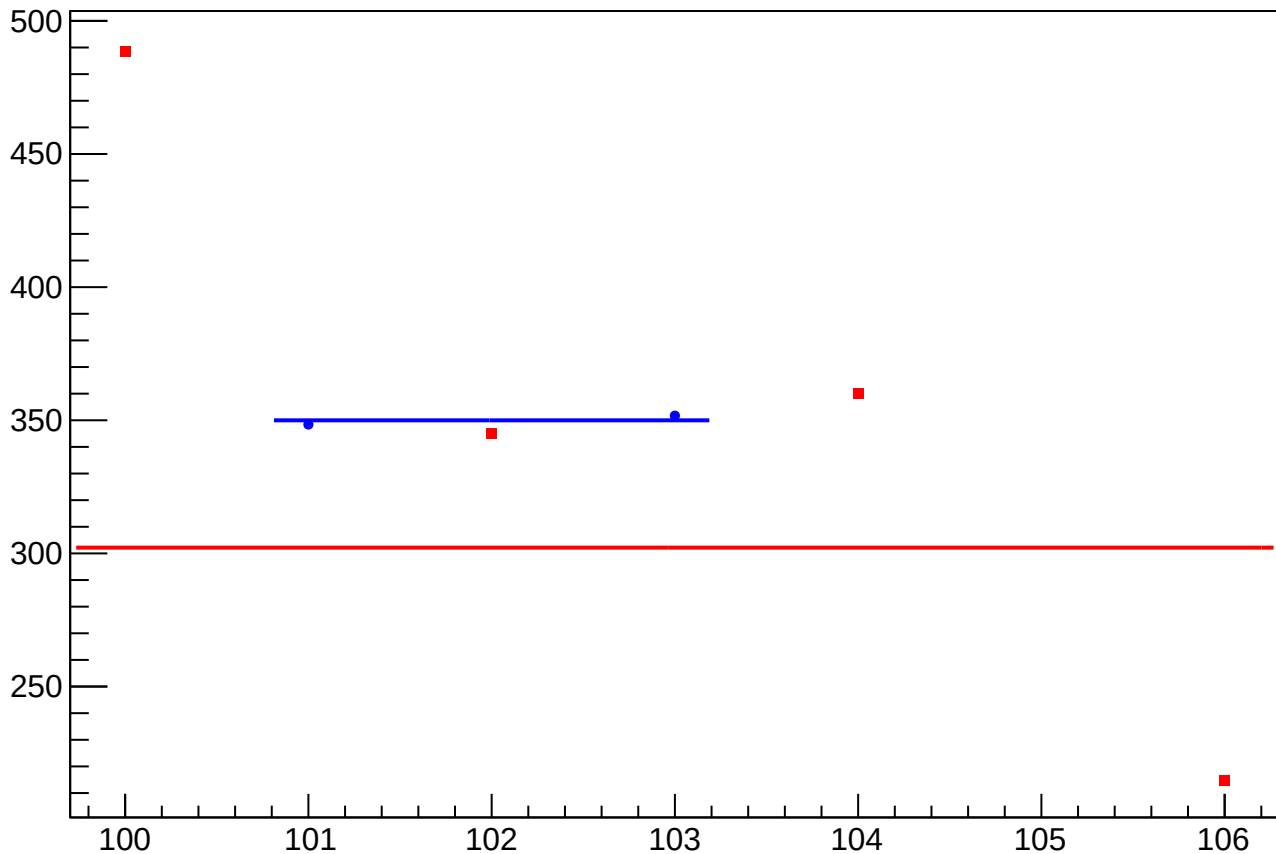
All: 344.891+/-0.148 χ^2/NDF : 120855.5/5

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128606.112 $\pm$ 0.312 χ^2 /NDF: 311069.7/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 130088.645 $\pm$ 0.252 χ^2 /NDF: 47087025.5/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 129501.872 $\pm$ 0.196 χ^2 /NDF: 61064059.8/5
 In: 128606.112 $\pm$ 0.312 χ^2 /NDF:311069.7/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 129501.872 $\pm$ 0.196 χ^2 /NDF: 61064059.8/5

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 349.981 $\pm$ 0.220 χ^2 /NDF: 56.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 302.168 $\pm$ 0.178 χ^2 /NDF: 158652.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

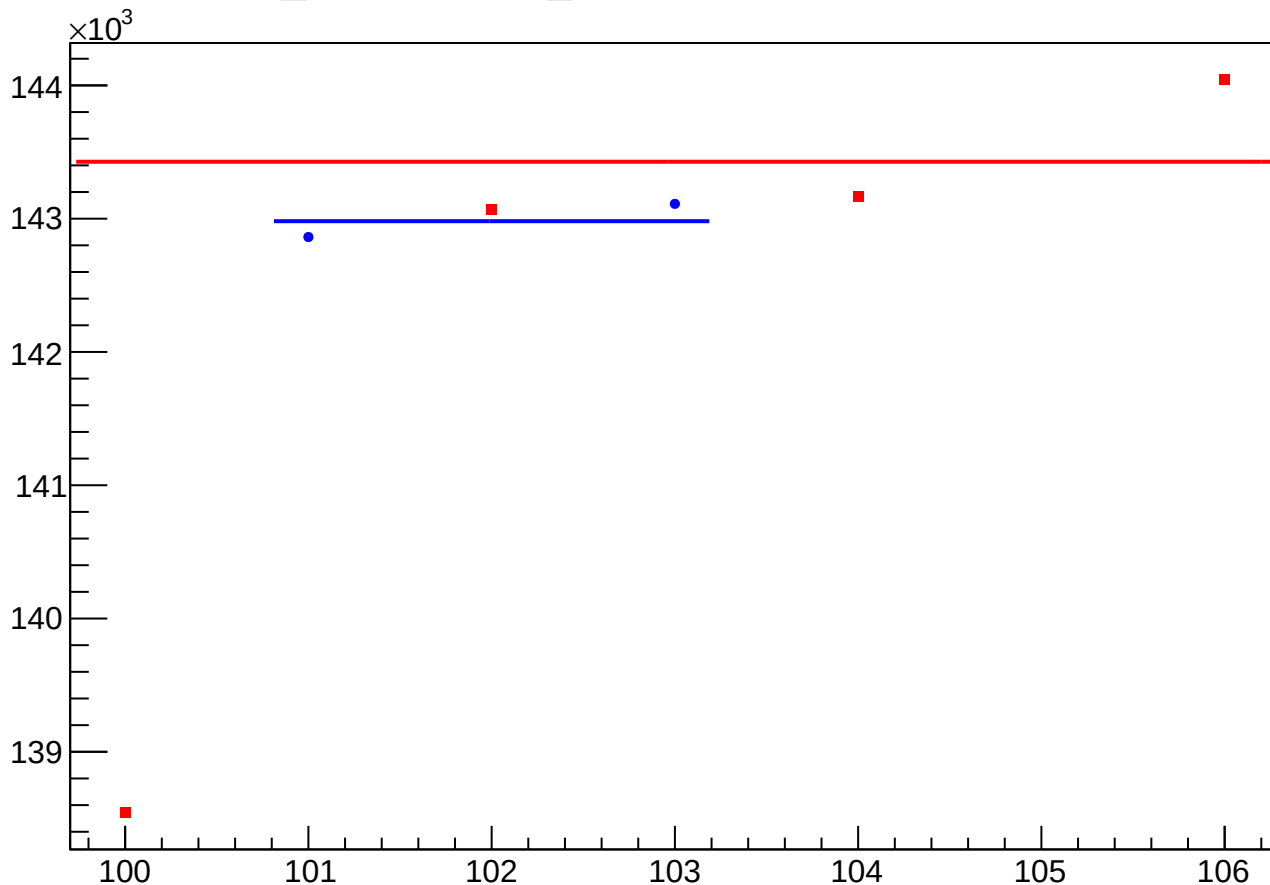
Right: 321.092 $\pm$ 0.139 χ^2 /NDF: 187138.3/5

In: 349.981 $\pm$ 0.220 χ^2 /NDF: 56.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 321.092 $\pm$ 0.139 χ^2 /NDF: 187138.3/5

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143259.830+/-0.218 χ^2 /NDF: 9835530.5/5

In: 142981.134+/-0.356 χ^2 /NDF:121747.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 143259.830+/-0.218 χ^2 /NDF: 9835530.5

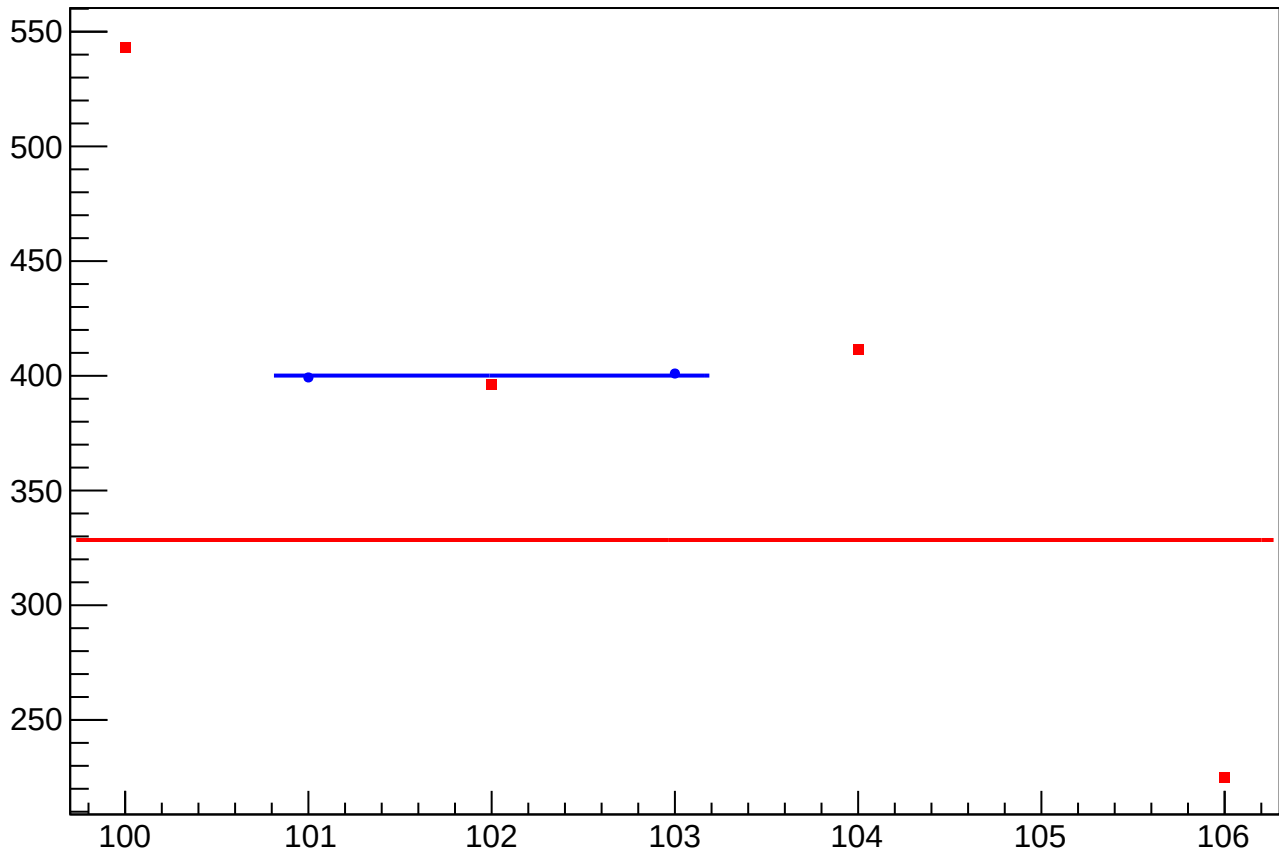
Right In: 142981.134+/-0.356 χ^2 /NDF: 121747.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 143427.206+/-0.276 χ^2 /NDF: 8735052.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 400.104 ± 0.252 $\chi^2/\text{NDF}: 11.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 328.440 ± 0.195 $\chi^2/\text{NDF}: 223906.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

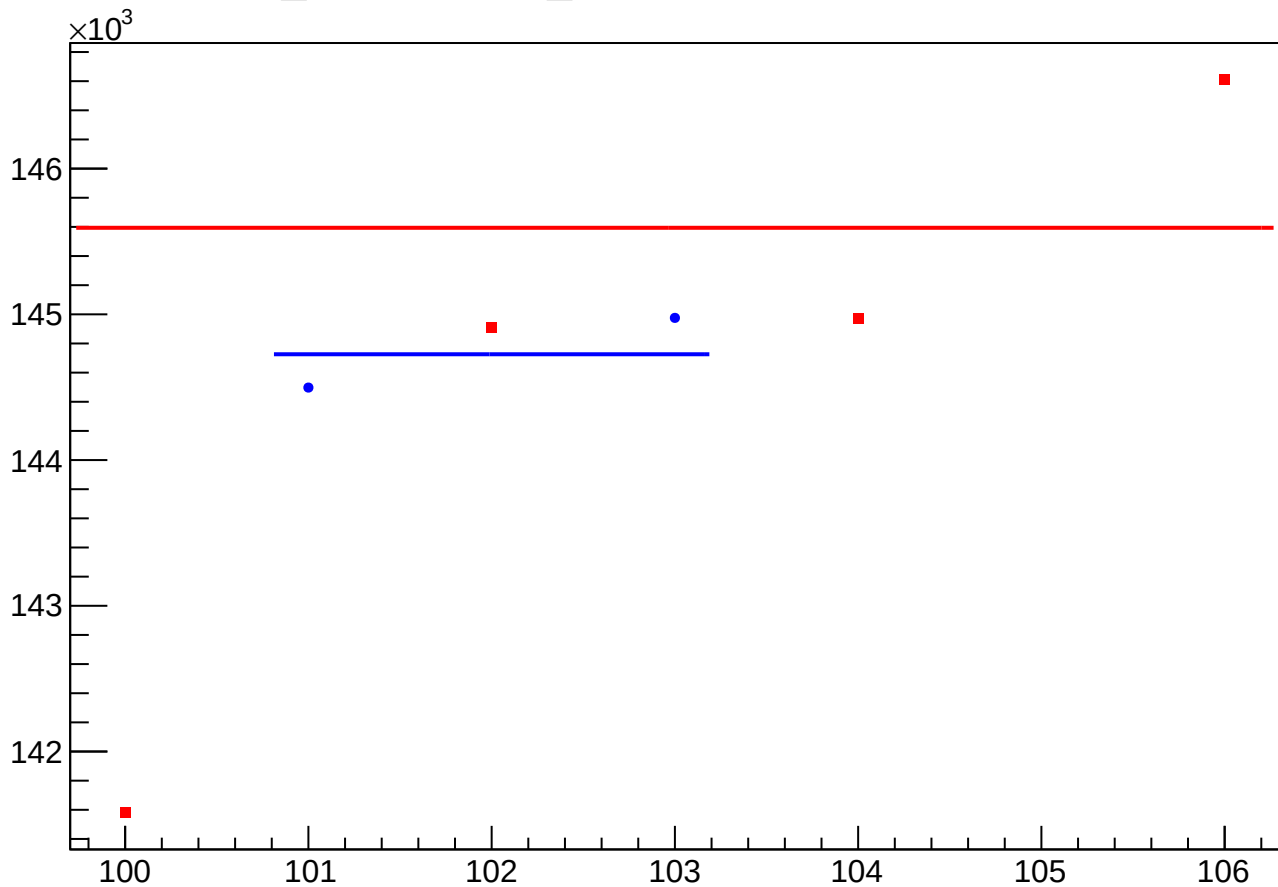
Right: 355.330 ± 0.154 $\chi^2/\text{NDF}: 274439.7/5$

In: 400.104 ± 0.252 $\chi^2/\text{NDF}: 11.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 355.330 ± 0.154 $\chi^2/\text{NDF}: 274439.7/5$

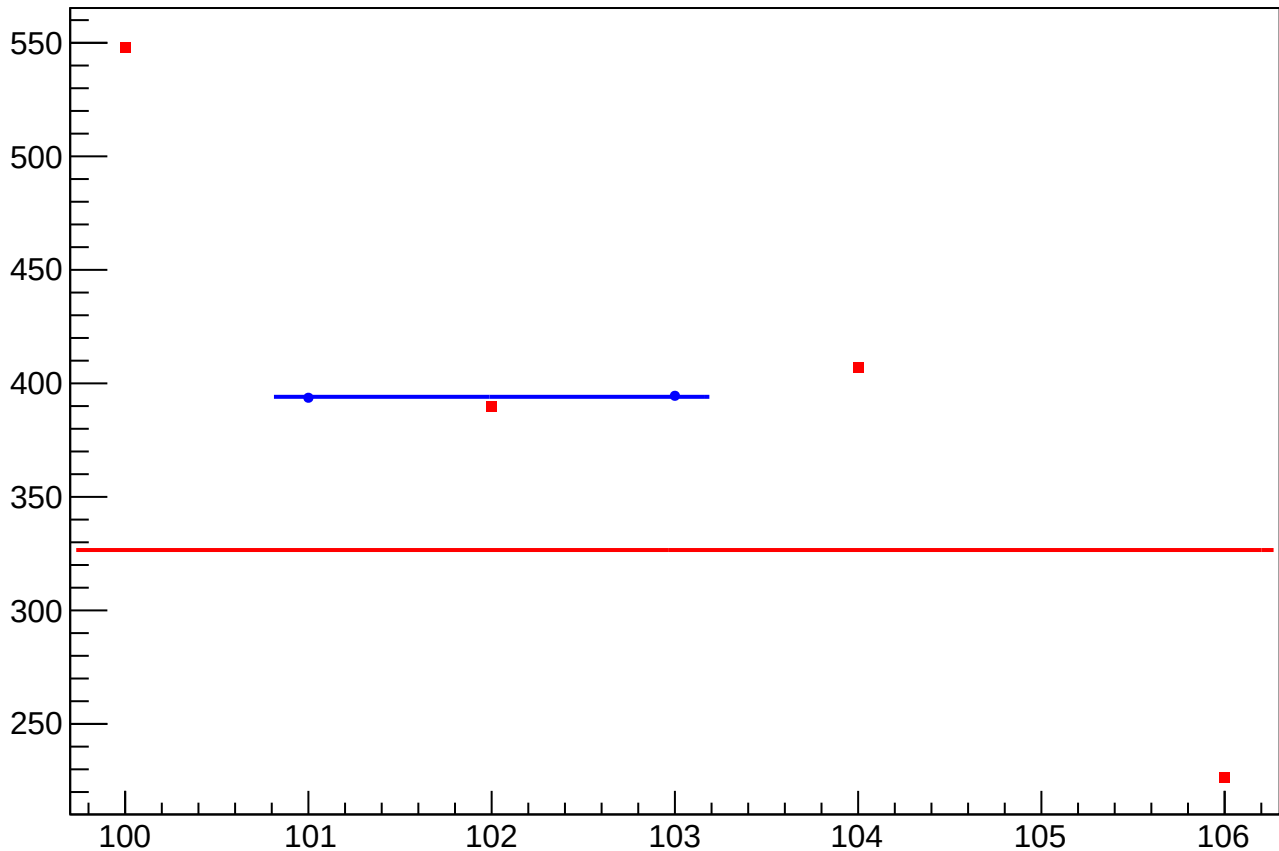
yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144726.044 $\pm$ 0.351 χ^2 /NDF: 463254.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 145593.927 $\pm$ 0.273 χ^2 /NDF: 13012373.4/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 145266.173 $\pm$ 0.216 χ^2 /NDF: 17279977.7/5
 In: 144726.044 $\pm$ 0.351 χ^2 /NDF: 463254.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 145266.173 $\pm$ 0.216 χ^2 /NDF: 17279977.7/5

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 394.080 $\pm$ 0.248 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 326.597 $\pm$ 0.193 χ^2 /NDF: 213053.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

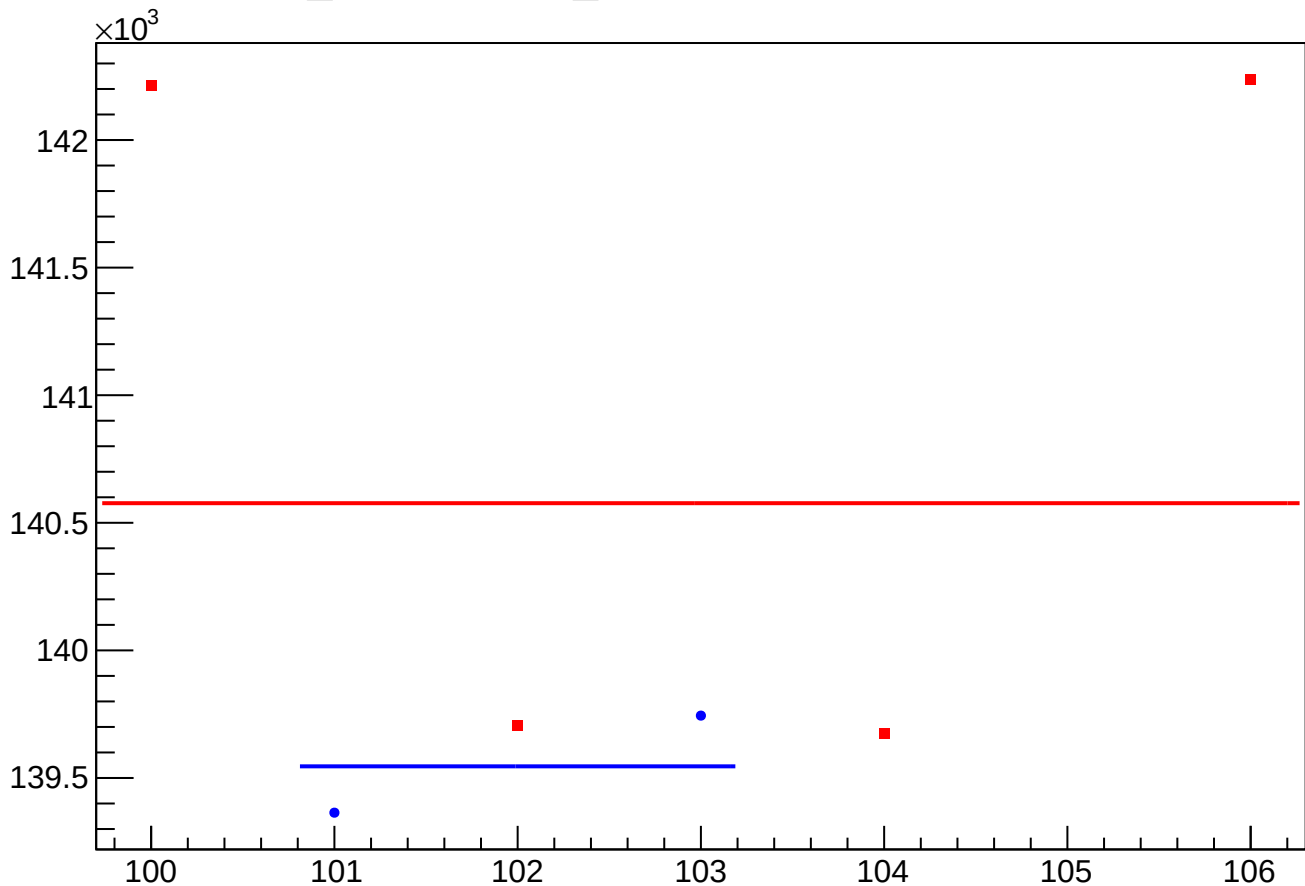
Right: 352.081 $\pm$ 0.153 χ^2 /NDF: 259059.1/5

In: 394.080 $\pm$ 0.248 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.081 $\pm$ 0.153 χ^2 /NDF: 259059.1/5

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139545.640 $\pm$ 0.350 χ^2 /NDF: 294104.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140576.842 $\pm$ 0.296 χ^2 /NDF: 16713055.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

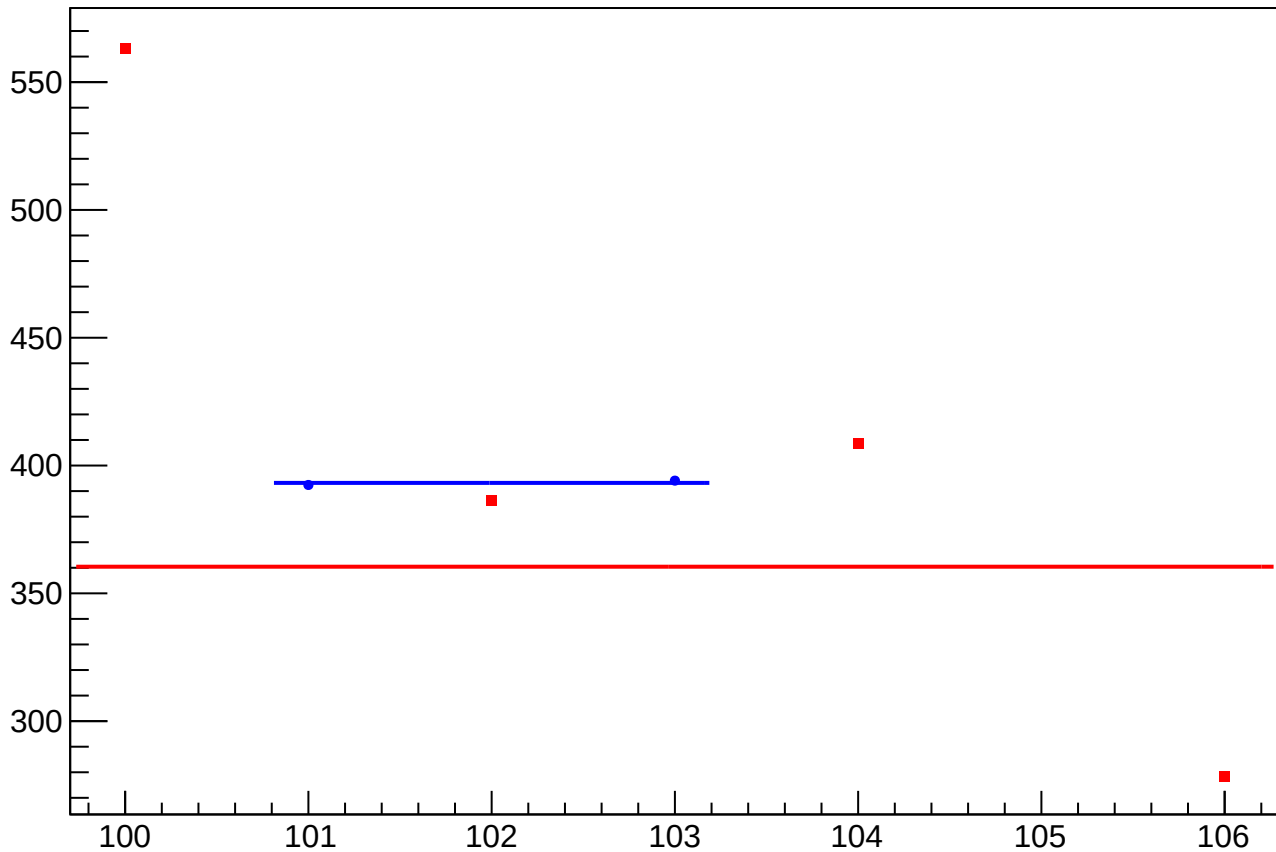
Right: 140147.065 $\pm$ 0.226 χ^2 /NDF: 22061274.1/5

In: 139545.640 $\pm$ 0.350 χ^2 /NDF:294104.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 140147.065 $\pm$ 0.226 χ^2 /NDF: 22061274.1/5

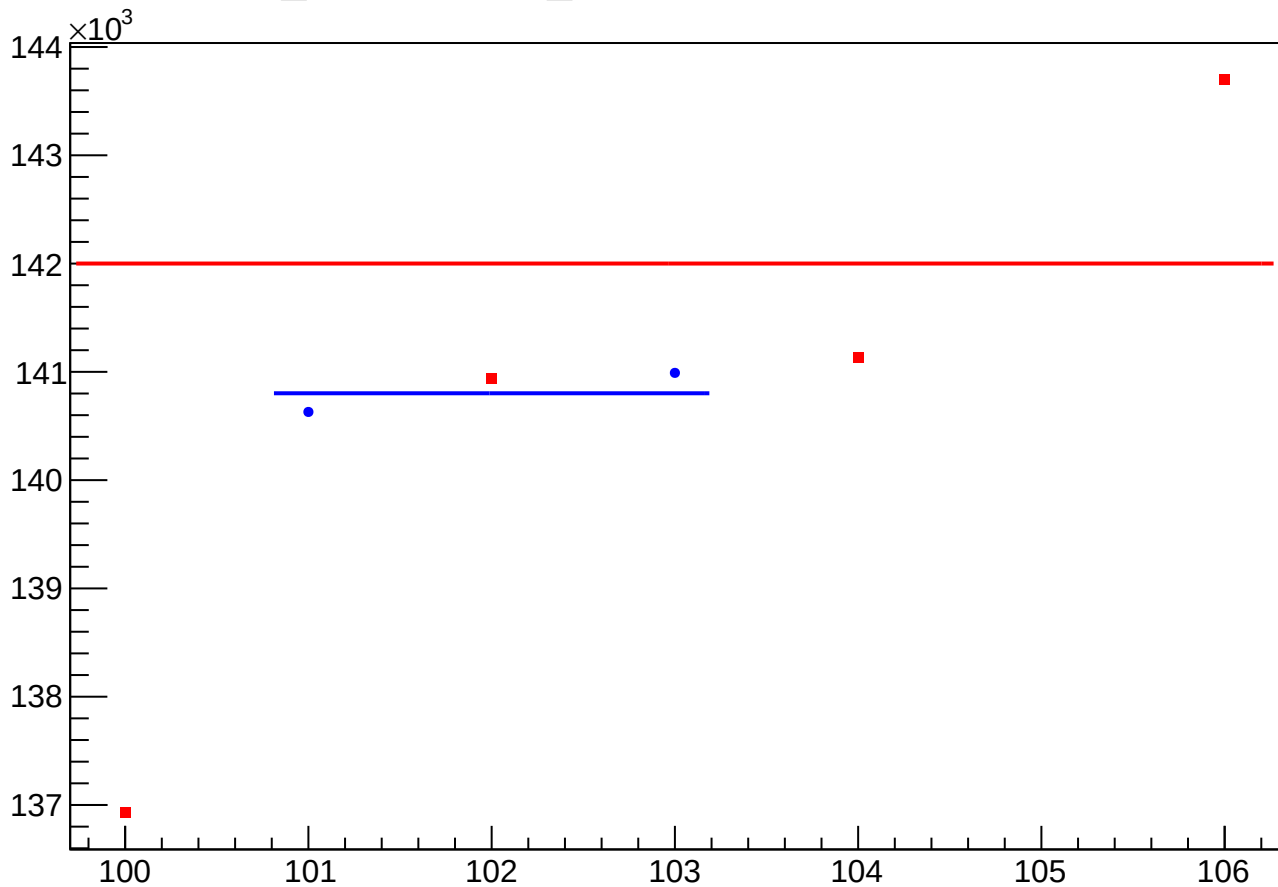
yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 393.210 ± 0.248 $\chi^2/\text{NDF}: 11.6/1$
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
Right Out: 360.422 ± 0.209 $\chi^2/\text{NDF}: 89446.6/3$
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: 374.087 ± 0.160 $\chi^2/\text{NDF}: 99677.2/5$
In: 393.210 ± 0.248 $\chi^2/\text{NDF}: 11.6/1$
Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
All: 374.087 ± 0.160 $\chi^2/\text{NDF}: 99677.2/5$

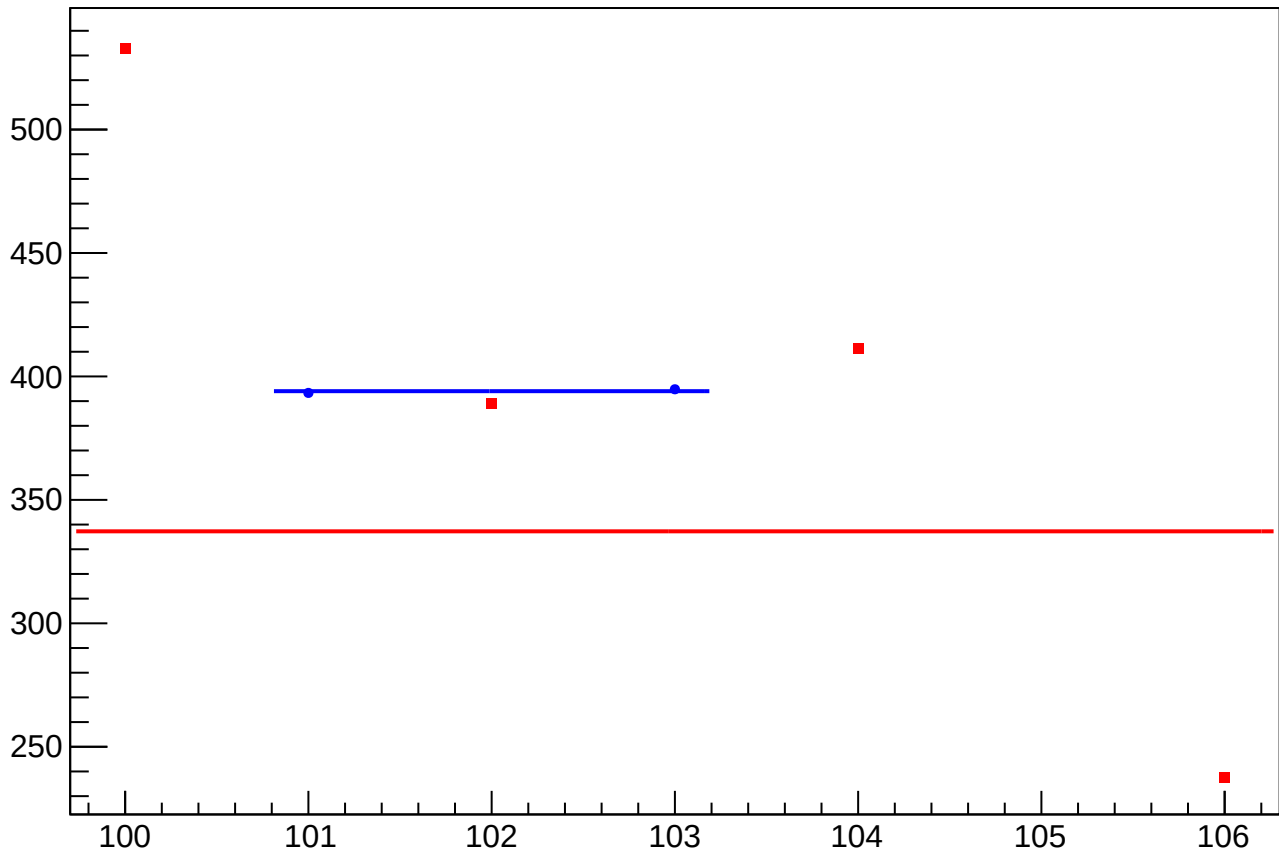
yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140802.212 $\pm$ 0.351 χ^2 /NDF: 263613.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 142000.354 $\pm$ 0.282 χ^2 /NDF: 28032709.7/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141530.099 $\pm$ 0.220 χ^2 /NDF: 35374839.4/5
 In: 140802.212 $\pm$ 0.351 χ^2 /NDF:263613.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 141530.099 $\pm$ 0.220 χ^2 /NDF: 35374839.4/5

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 394.033+/-0.248 χ^2/NDF : 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.263+/-0.199 χ^2/NDF : 174676.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

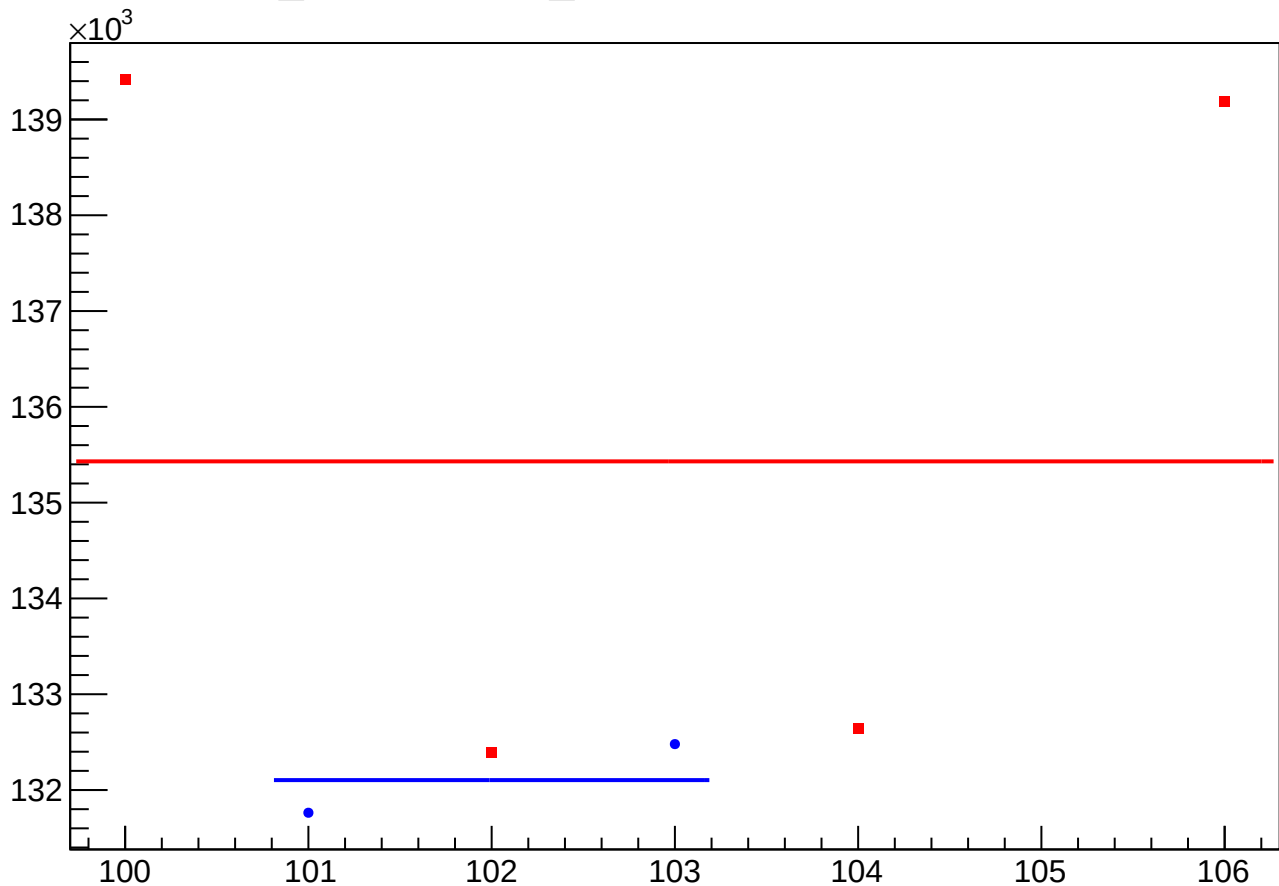
Right: 359.544+/-0.155 χ^2/NDF : 206468.0/5

In: 394.033+/-0.248 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

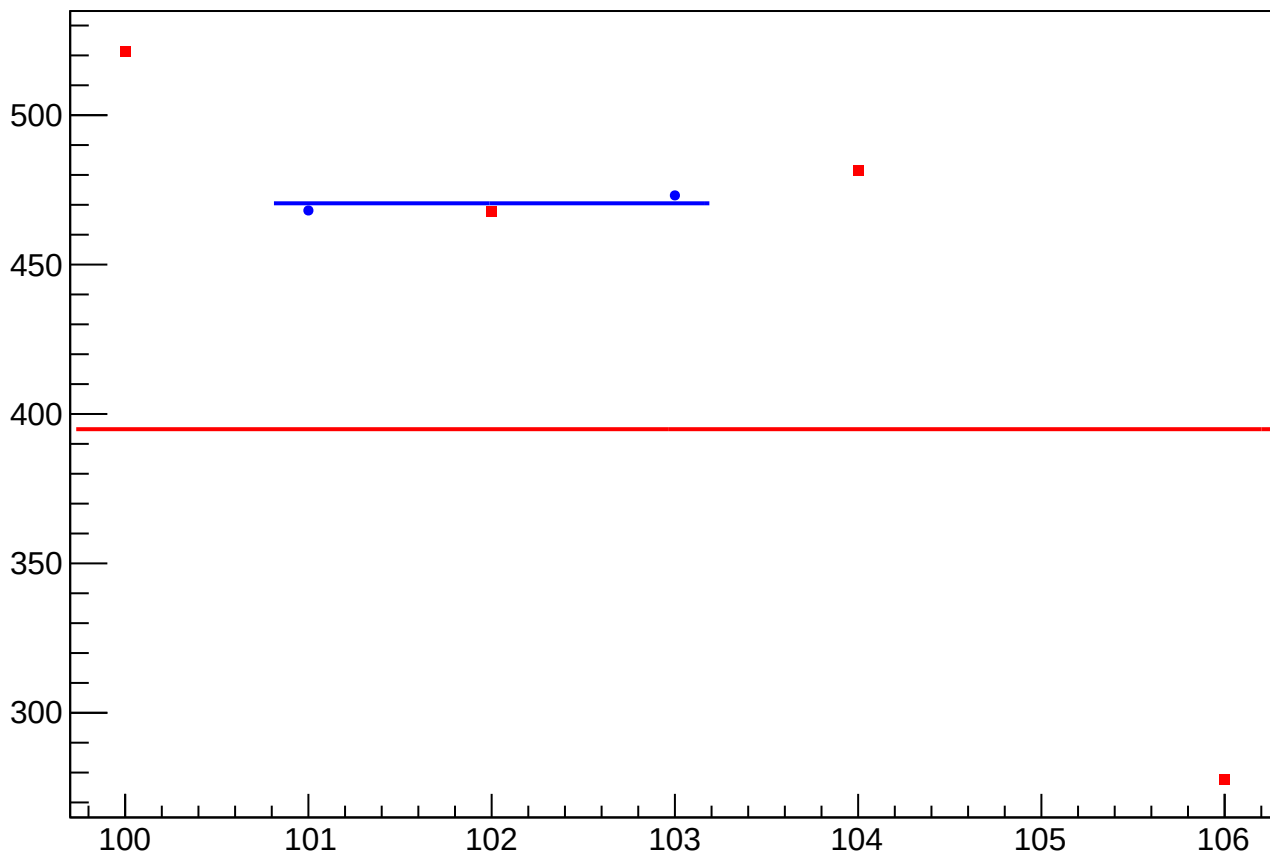
All: 359.544+/-0.155 χ^2/NDF : 206468.0/5

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 132103.559 $\pm$ 0.420 χ^2 /NDF: 726812.8/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135430.842 $\pm$ 0.332 χ^2 /NDF: 100703972.3/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 134151.375 $\pm$ 0.260 χ^2 /NDF: 140110610.8/5
 In: 132103.559 $\pm$ 0.420 χ^2 /NDF:726812.8/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 134151.375 $\pm$ 0.260 χ^2 /NDF: 140110610.8/5

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 470.504 $\pm$ 0.297 χ^2 /NDF: 72.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 394.912 $\pm$ 0.235 χ^2 /NDF: 174187.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

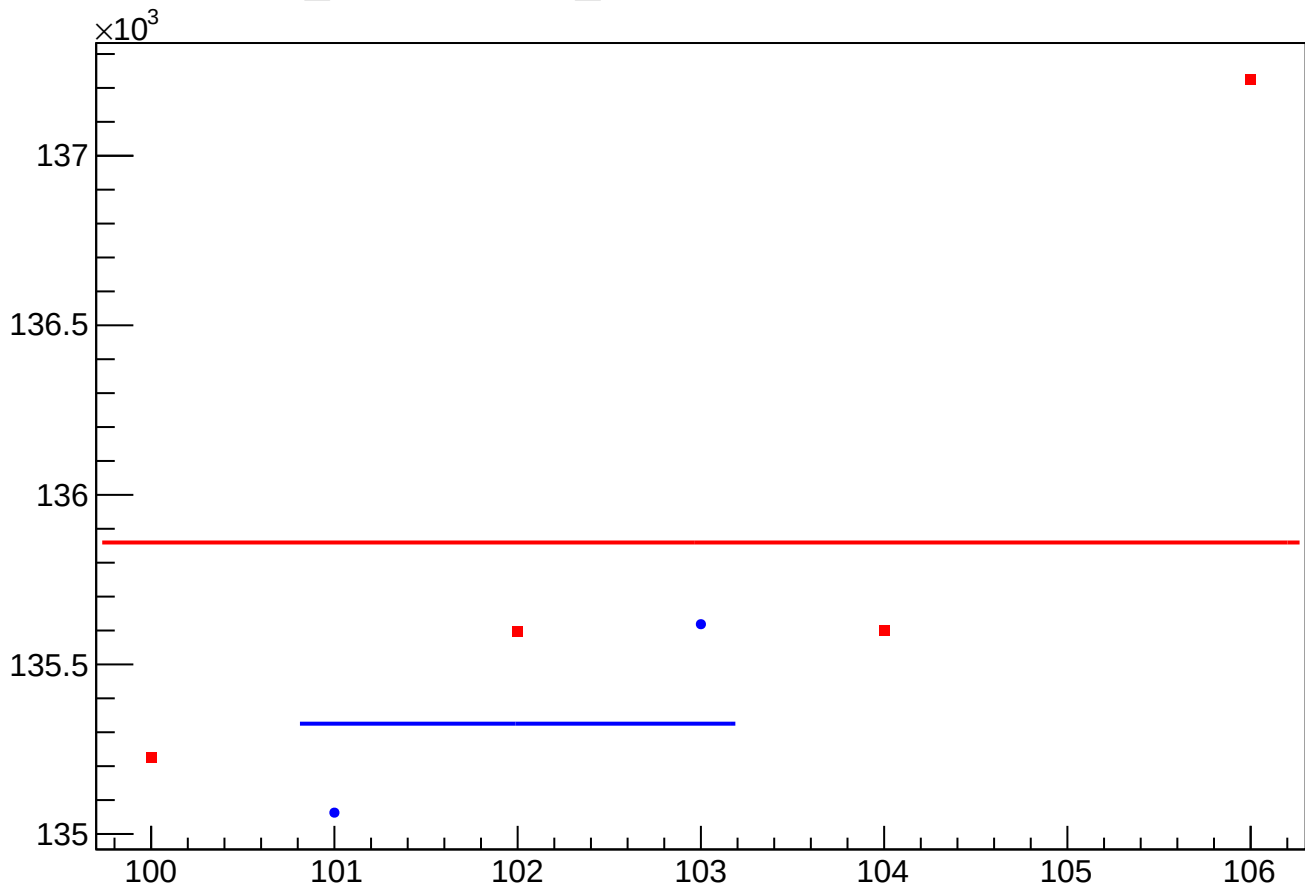
Right: 423.980 $\pm$ 0.184 χ^2 /NDF: 214188.0/5

In: 470.504 $\pm$ 0.297 χ^2 /NDF: 72.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

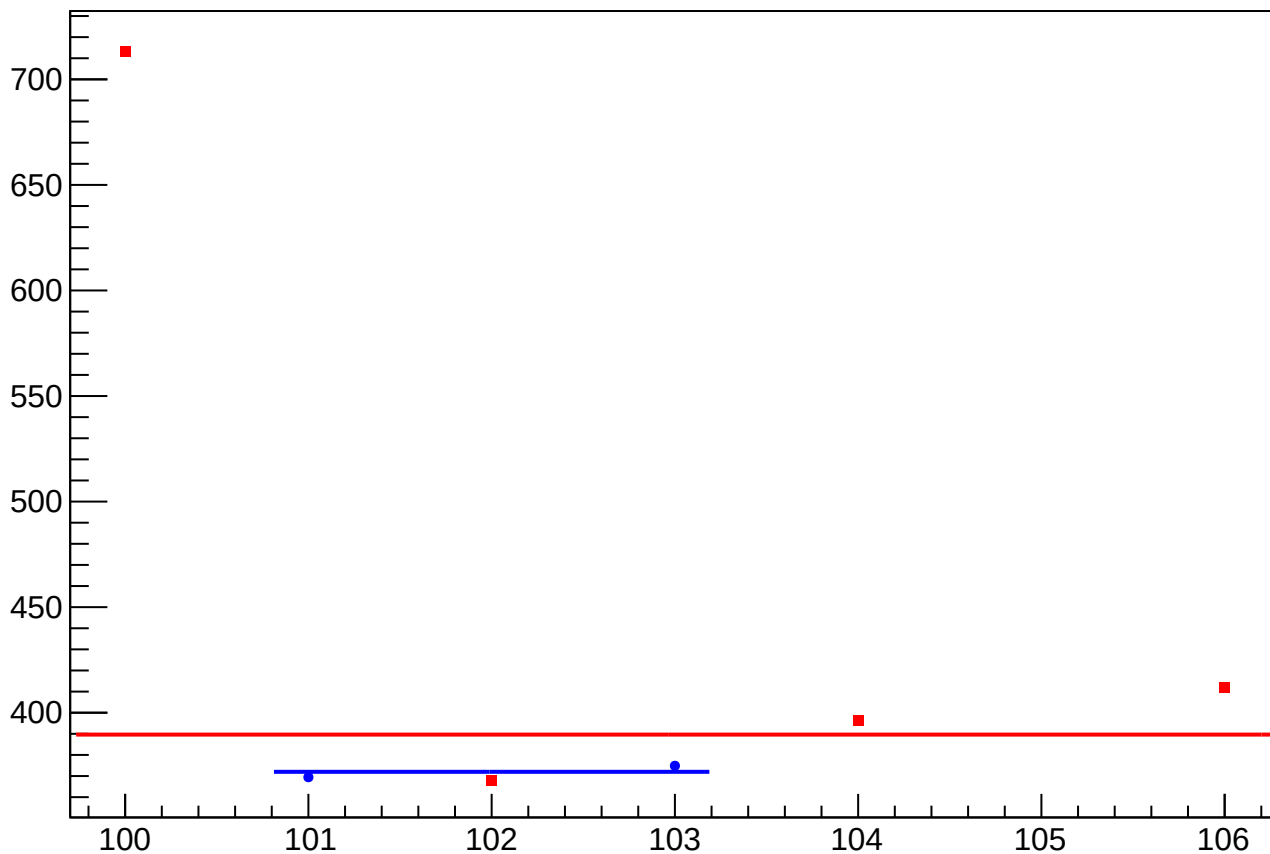
All: 423.980 $\pm$ 0.184 χ^2 /NDF: 214188.0/5

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135325.276 $\pm$ 0.332 χ^2 /NDF: 699413.9/1
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135601.776 $\pm$ 0.230 χ^2 /NDF: 5620457.2/5
 Right Out: 135859.557 $\pm$ 0.320 χ^2 /NDF: 3578513.2/3
 In: 135325.276 $\pm$ 0.332 χ^2 /NDF: 699413.9/1
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 135601.776 $\pm$ 0.230 χ^2 /NDF: 5620457.2

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 372.001+/-0.235 χ^2/NDF : 132.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.633+/-0.226 χ^2/NDF : 36110.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

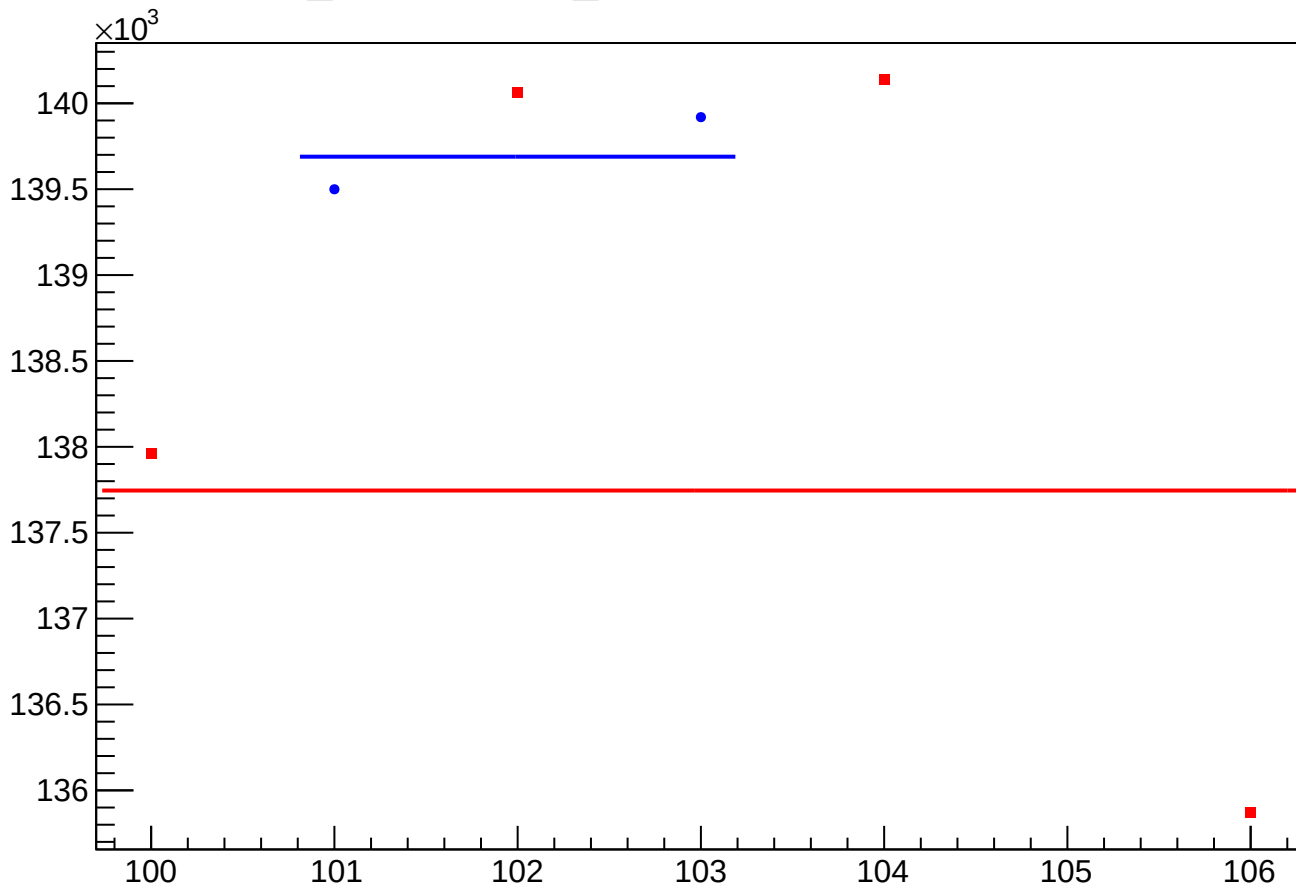
Right: 381.126+/-0.163 χ^2/NDF : 39166.3/5

In: 372.001+/-0.235 χ^2/NDF : 132.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.126+/-0.163 χ^2/NDF : 39166.3/5

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 139689.267 $\pm$ 0.338 χ^2 /NDF: 382427.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 137745.673 $\pm$ 0.240 χ^2 /NDF: 74791867.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

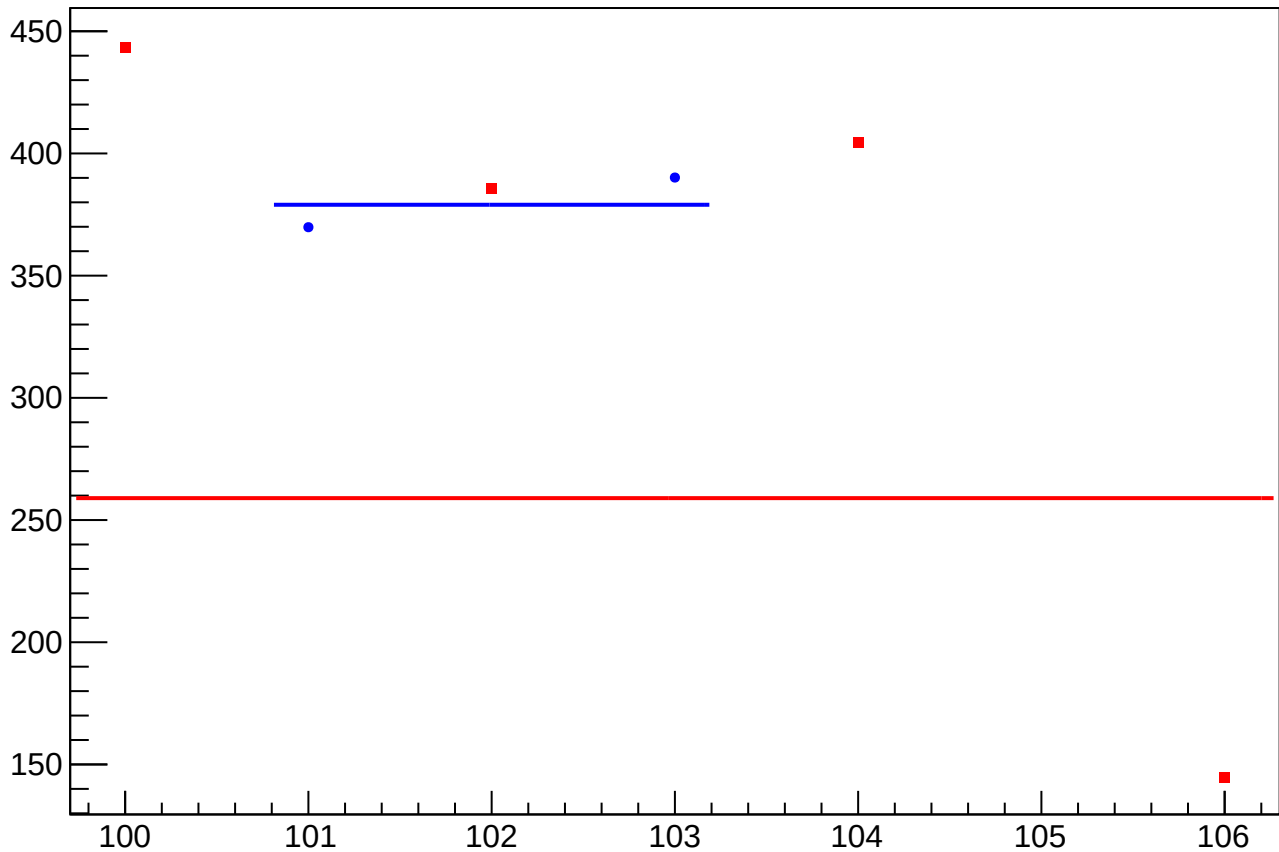
Right: 138397.424 $\pm$ 0.196 χ^2 /NDF: 97159518.7/5

In: 139689.267 $\pm$ 0.338 χ^2 /NDF:382427.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138397.424 $\pm$ 0.196 χ^2 /NDF: 97159518.7/5

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 379.002 $\pm$ 0.239 χ^2 /NDF: 1791.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 258.966 $\pm$ 0.170 χ^2 /NDF: 545530.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

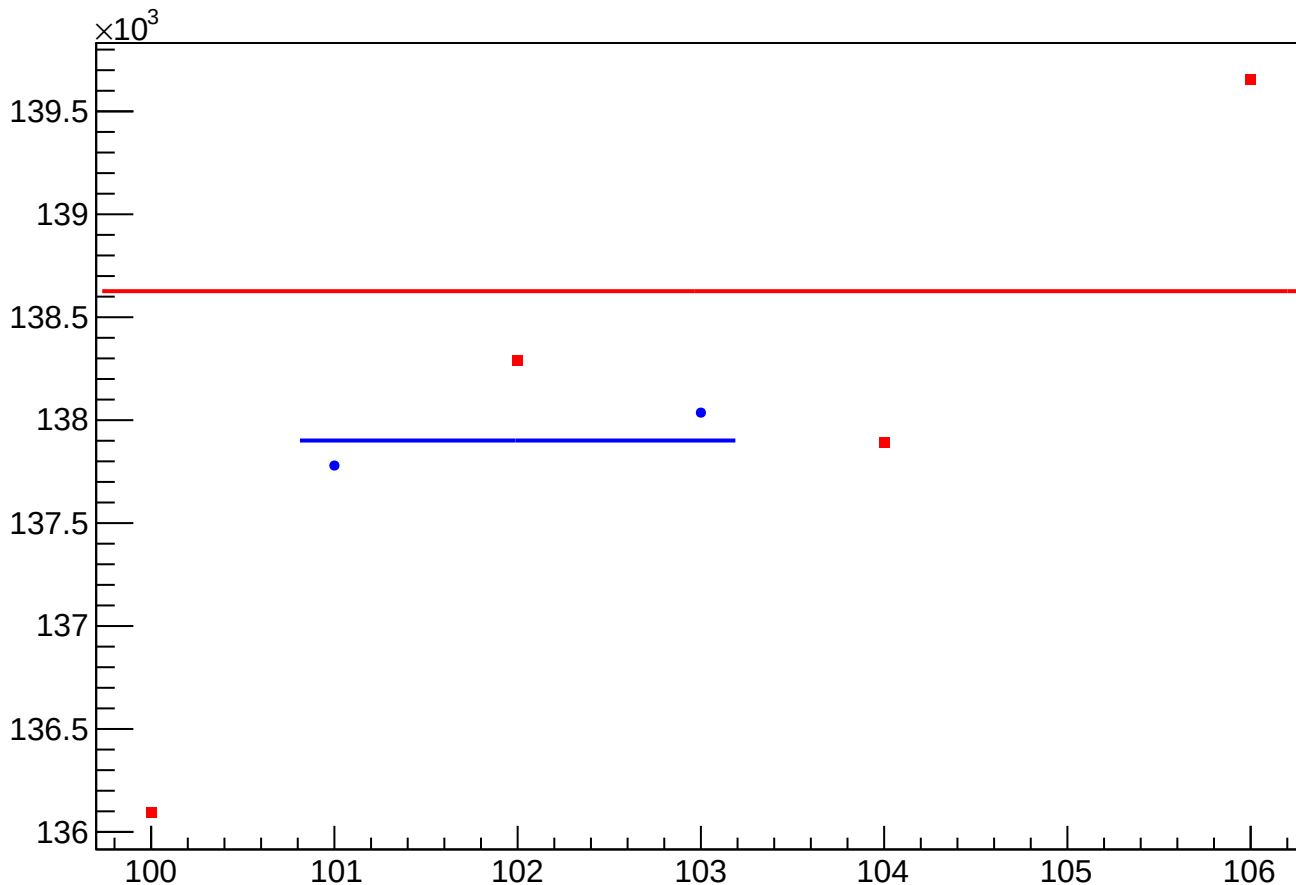
Right: 299.218 $\pm$ 0.138 χ^2 /NDF: 715038.6/5

In: 379.002 $\pm$ 0.239 χ^2 /NDF: 1791.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 299.218 $\pm$ 0.138 χ^2 /NDF: 715038.6/5

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 137901.129 $\pm$ 0.325 χ^2 /NDF: 156191.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138626.588 $\pm$ 0.268 χ^2 /NDF: 9880012.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

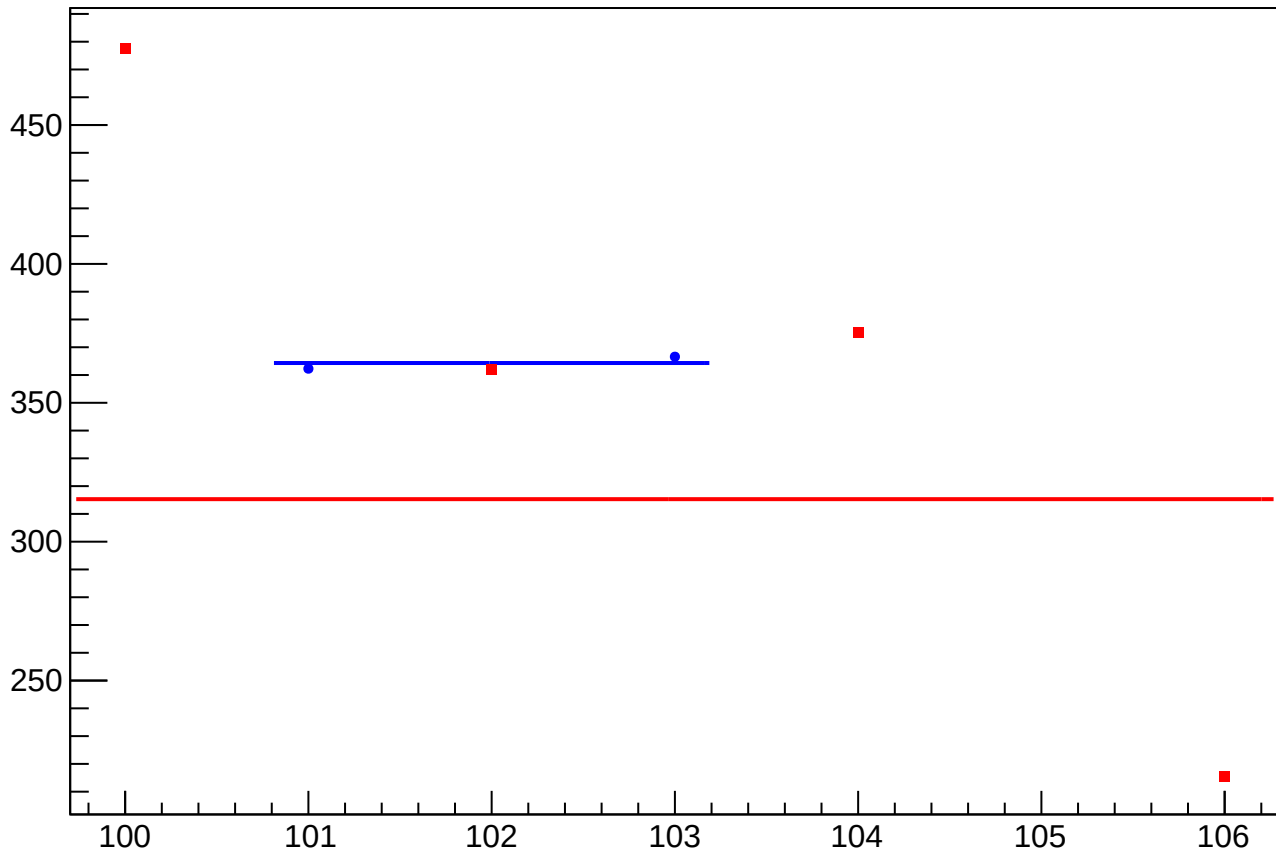
Right: 138333.148 $\pm$ 0.207 χ^2 /NDF: 13008886.2/5

In: 137901.129 $\pm$ 0.325 χ^2 /NDF:156191.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138333.148 $\pm$ 0.207 χ^2 /NDF: 13008886.2/5

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 364.324+/-0.230 χ^2/NDF : 87.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.308+/-0.189 χ^2/NDF : 165479.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

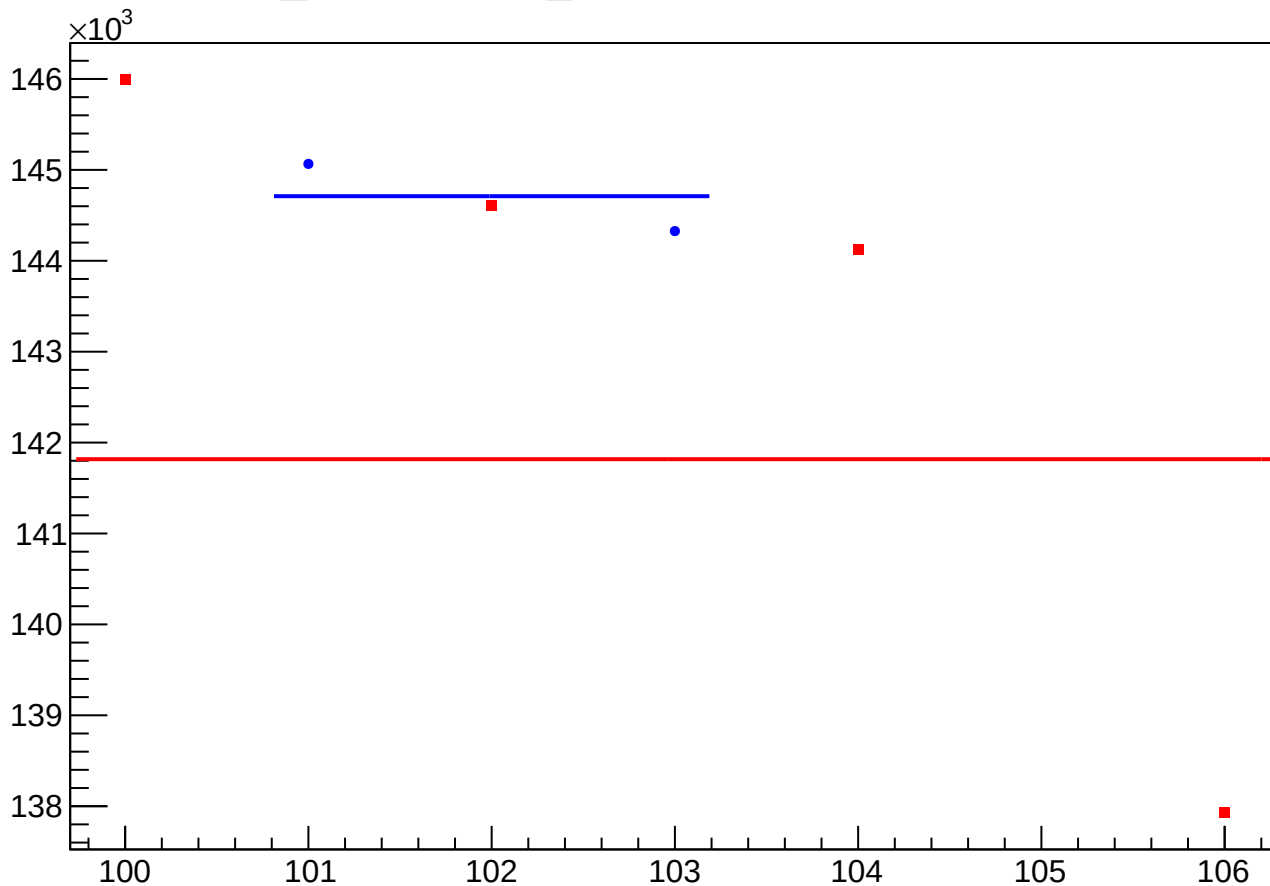
Right: 335.135+/-0.146 χ^2/NDF : 192706.7/5

In: 364.324+/-0.230 χ^2/NDF : 87.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.135+/-0.146 χ^2/NDF : 192706.7/5

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 142934.234+/-0.200 χ^2 /NDF: 209372384.8/5

In: 144710.466+/-0.322 χ^2 /NDF:1316203.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 142934.234+/-0.200 χ^2 /NDF: 209372384.8/5

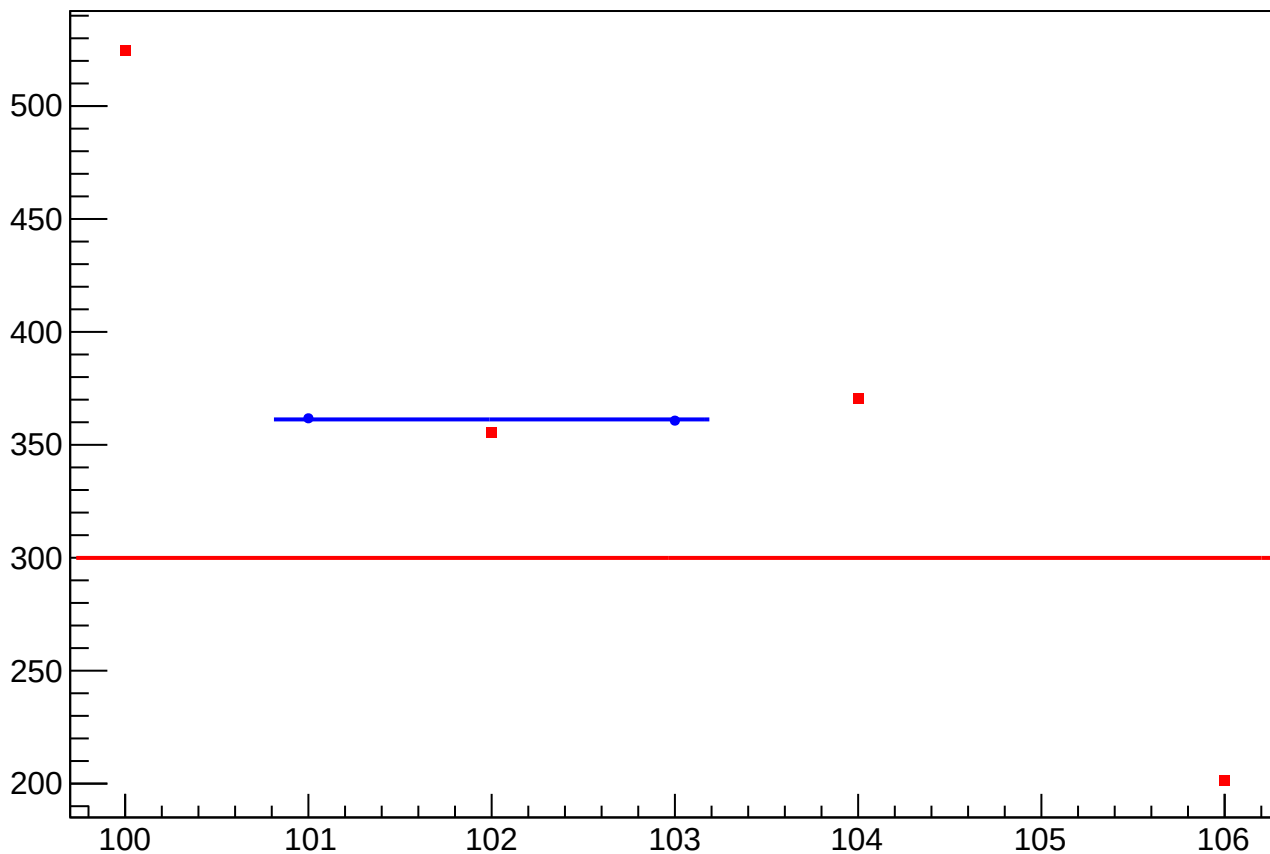
Right In: 144710.466+/-0.322 χ^2 /NDF: 1316203.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 141817.311+/-0.255 χ^2 /NDF: 158427961.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 361.252+/-0.228 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 299.932+/-0.180 χ^2/NDF : 215827.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

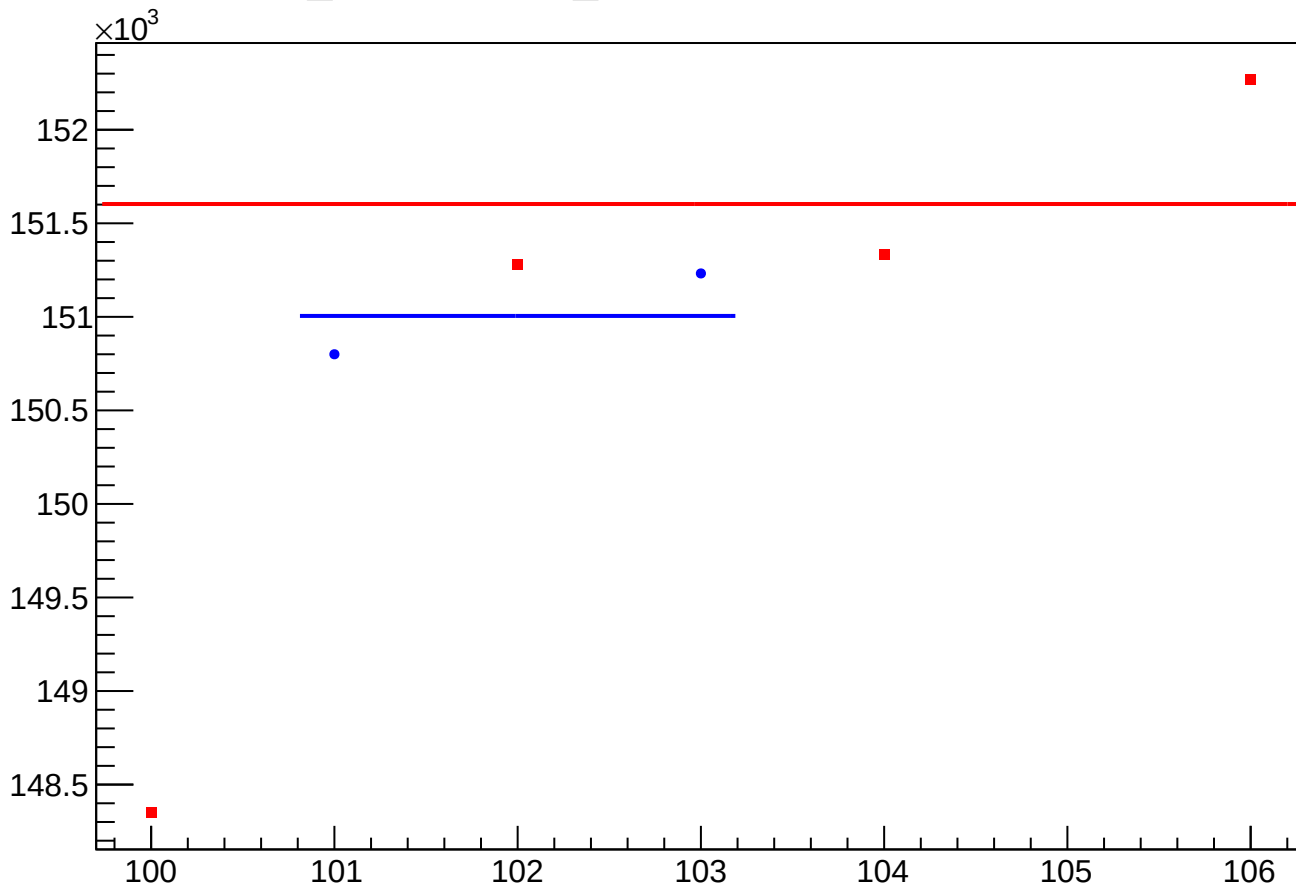
Right: 323.605+/-0.141 χ^2/NDF : 260420.2/5

In: 361.252+/-0.228 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.605+/-0.141 χ^2/NDF : 260420.2/5

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151603.118 $\pm$ 0.275 χ^2 /NDF: 5726726.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

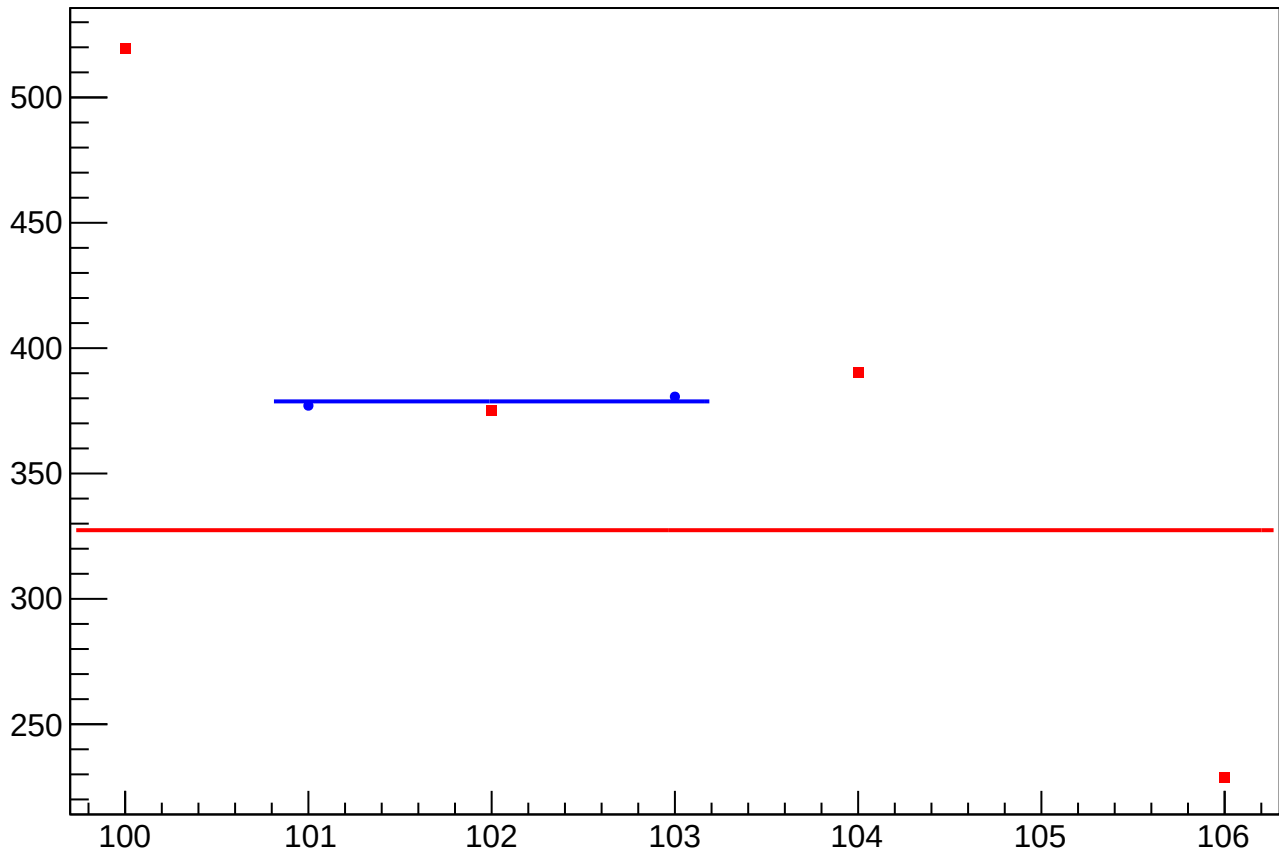
Right: 151364.144 $\pm$ 0.213 χ^2 /NDF: 8022595.9/5

In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151364.144 $\pm$ 0.213 χ^2 /NDF: 8022595.9

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 378.765 $\pm$ 0.239 χ^2 /NDF: 56.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 327.391 $\pm$ 0.195 χ^2 /NDF: 163128.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

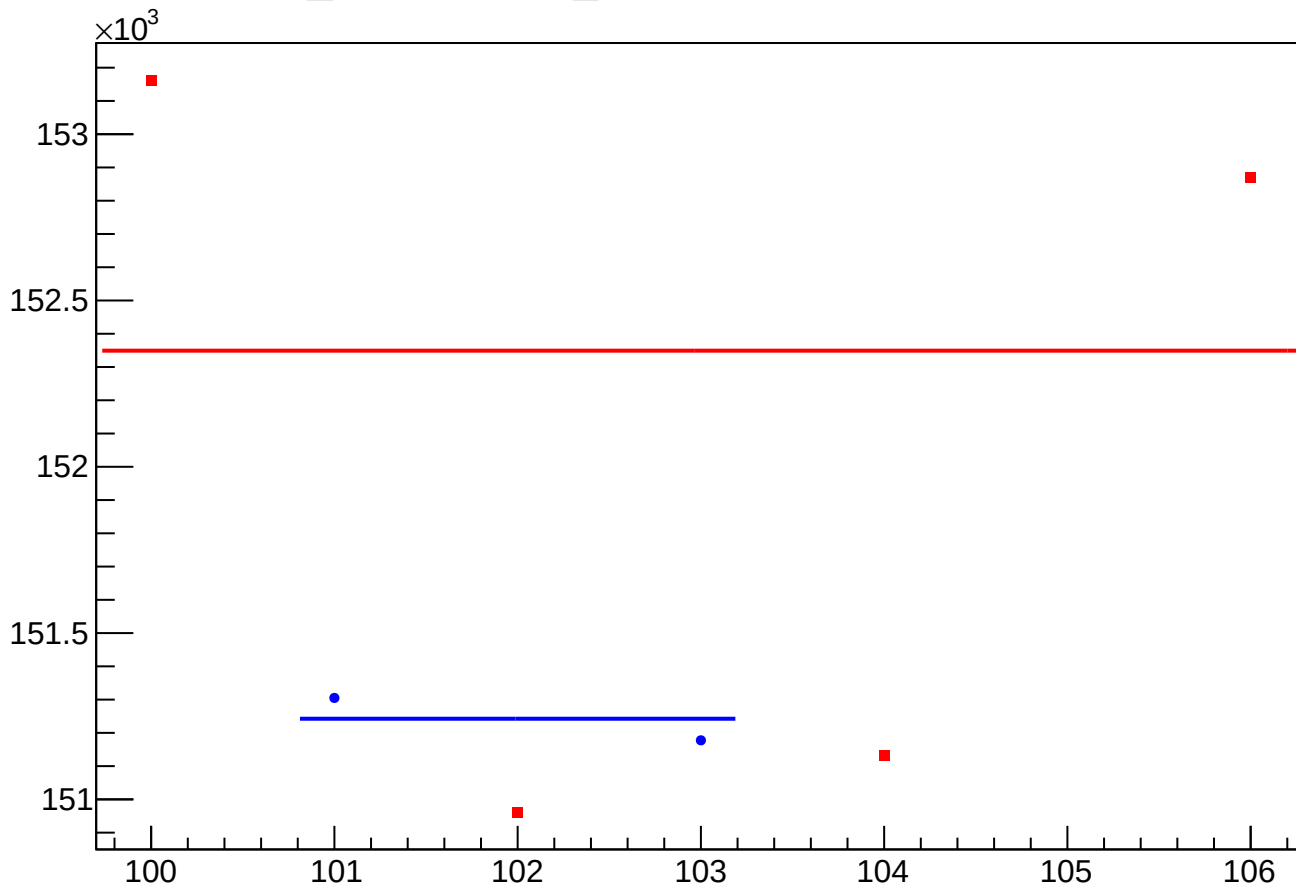
Right: 347.914 $\pm$ 0.151 χ^2 /NDF: 191023.0/5

In: 378.765 $\pm$ 0.239 χ^2 /NDF: 56.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 347.914 $\pm$ 0.151 χ^2 /NDF: 191023.0/5

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 151242.497 $\pm$ 0.354 χ^2 /NDF: 32437.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 152349.157 $\pm$ 0.211 χ^2 /NDF: 15677480.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

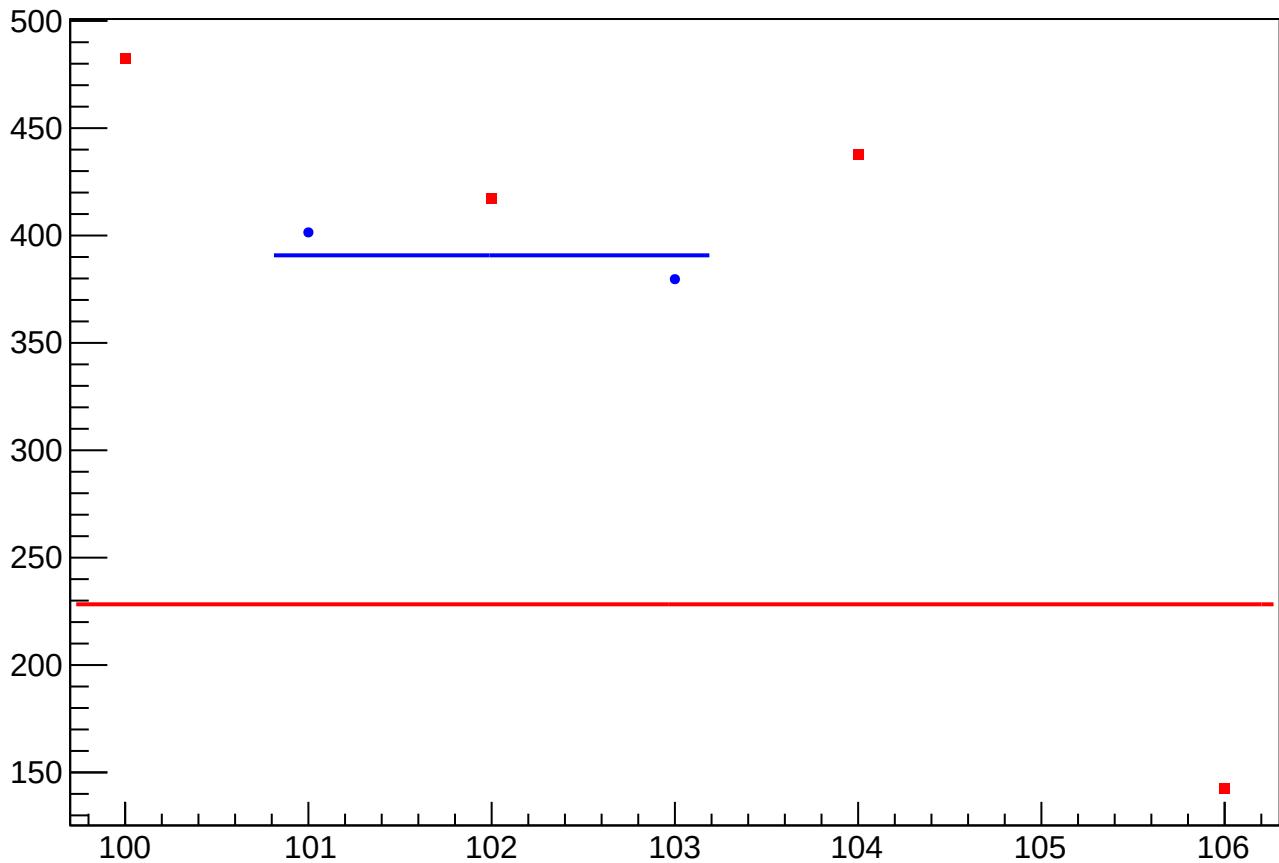
Right: 152058.752 $\pm$ 0.181 χ^2 /NDF: 22930527.0/5

In: 151242.497 $\pm$ 0.354 χ^2 /NDF:32437.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152058.752 $\pm$ 0.181 χ^2 /NDF: 22930527.0/5

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 390.776+/-0.250 χ^2/NDF : 1895.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.280+/-0.149 χ^2/NDF : 773921.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

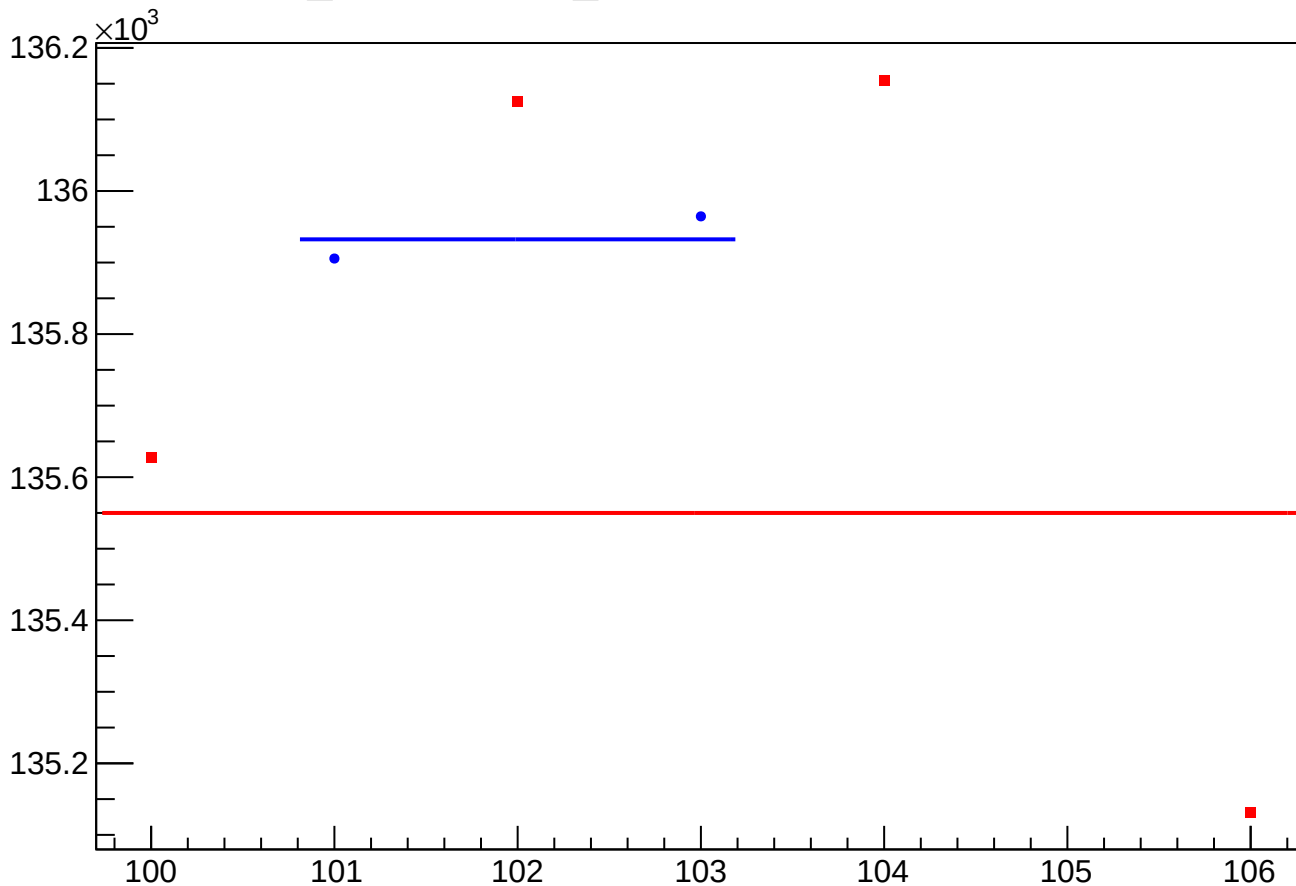
Right: 270.921+/-0.128 χ^2/NDF : 1087173.5/5

In: 390.776+/-0.250 χ^2/NDF : 1895.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 270.921+/-0.128 χ^2/NDF : 1087173.5/5

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 135932.432 $\pm$ 0.330 χ^2 /NDF: 7930.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135549.976 $\pm$ 0.227 χ^2 /NDF: 4694020.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

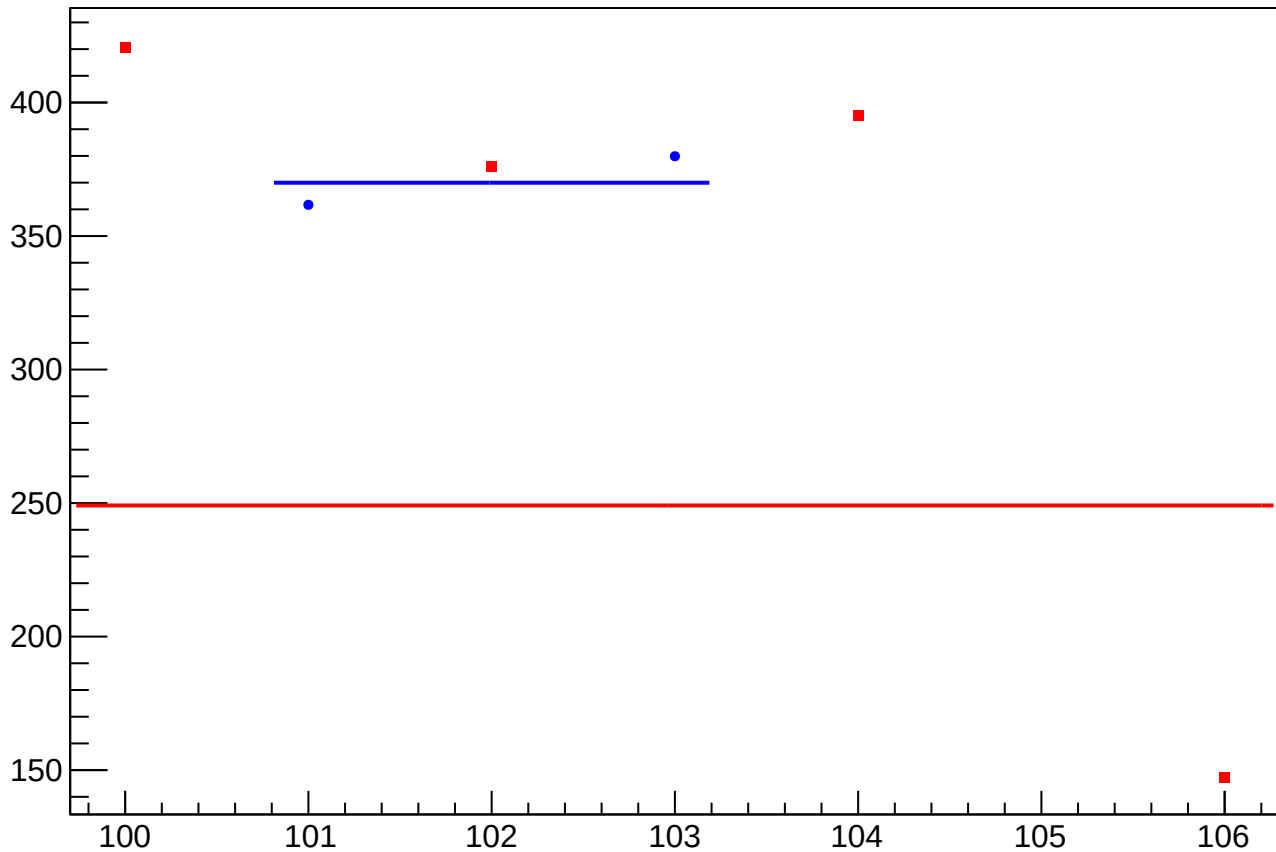
Right: 135672.706 $\pm$ 0.187 χ^2 /NDF: 5616103.0/5

In: 135932.432 $\pm$ 0.330 χ^2 /NDF: 7930.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135672.706 $\pm$ 0.187 χ^2 /NDF: 5616103.0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 369.971+/-0.233 χ^2/NDF : 1509.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 249.112+/-0.160 χ^2/NDF : 544694.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

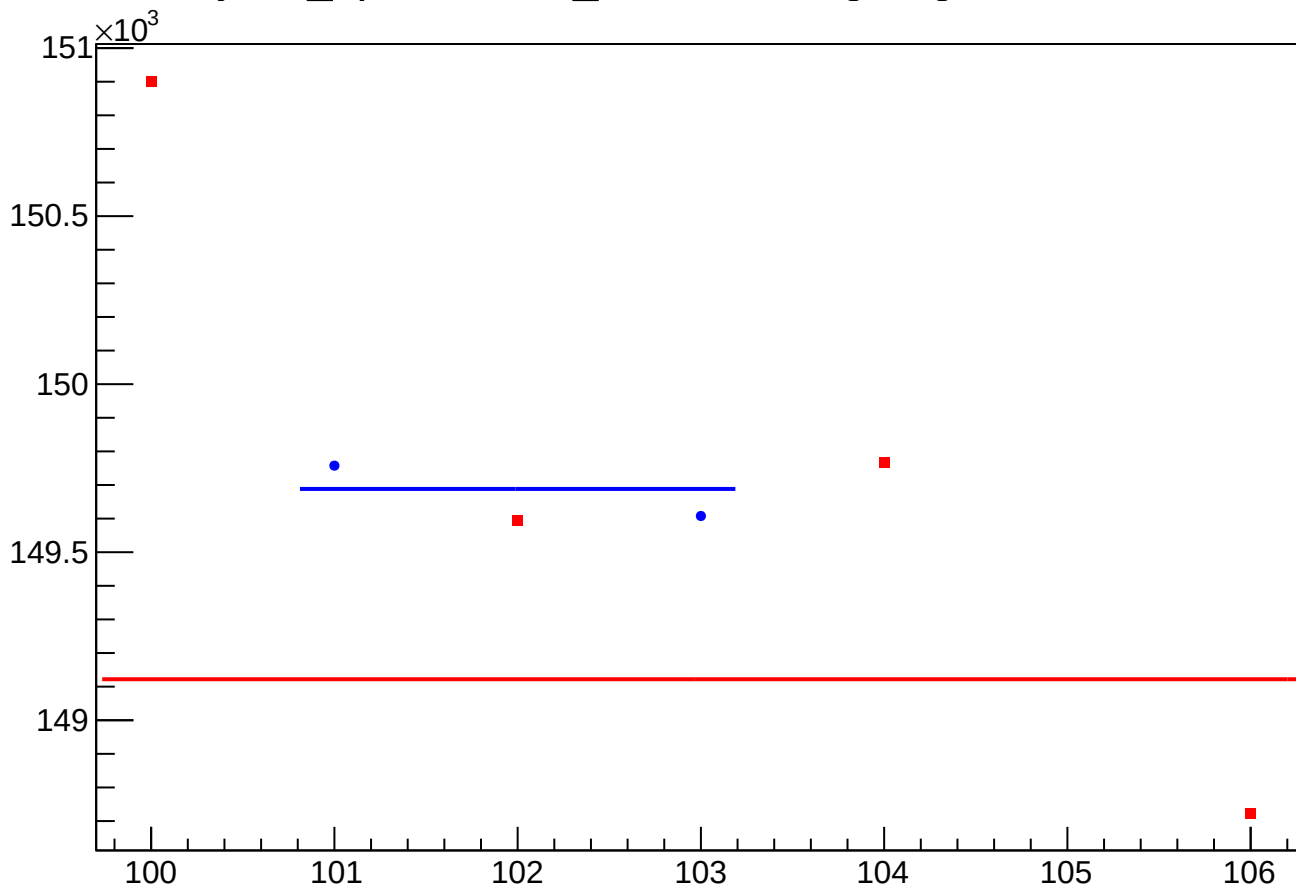
Right: 287.895+/-0.132 χ^2/NDF : 728778.4/5

In: 369.971+/-0.233 χ^2/NDF : 1509.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.895+/-0.132 χ^2/NDF : 728778.4/5

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 149688.269 $\pm$ 0.357 χ^2 /NDF: 43784.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 149122.042 $\pm$ 0.241 χ^2 /NDF: 4648762.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

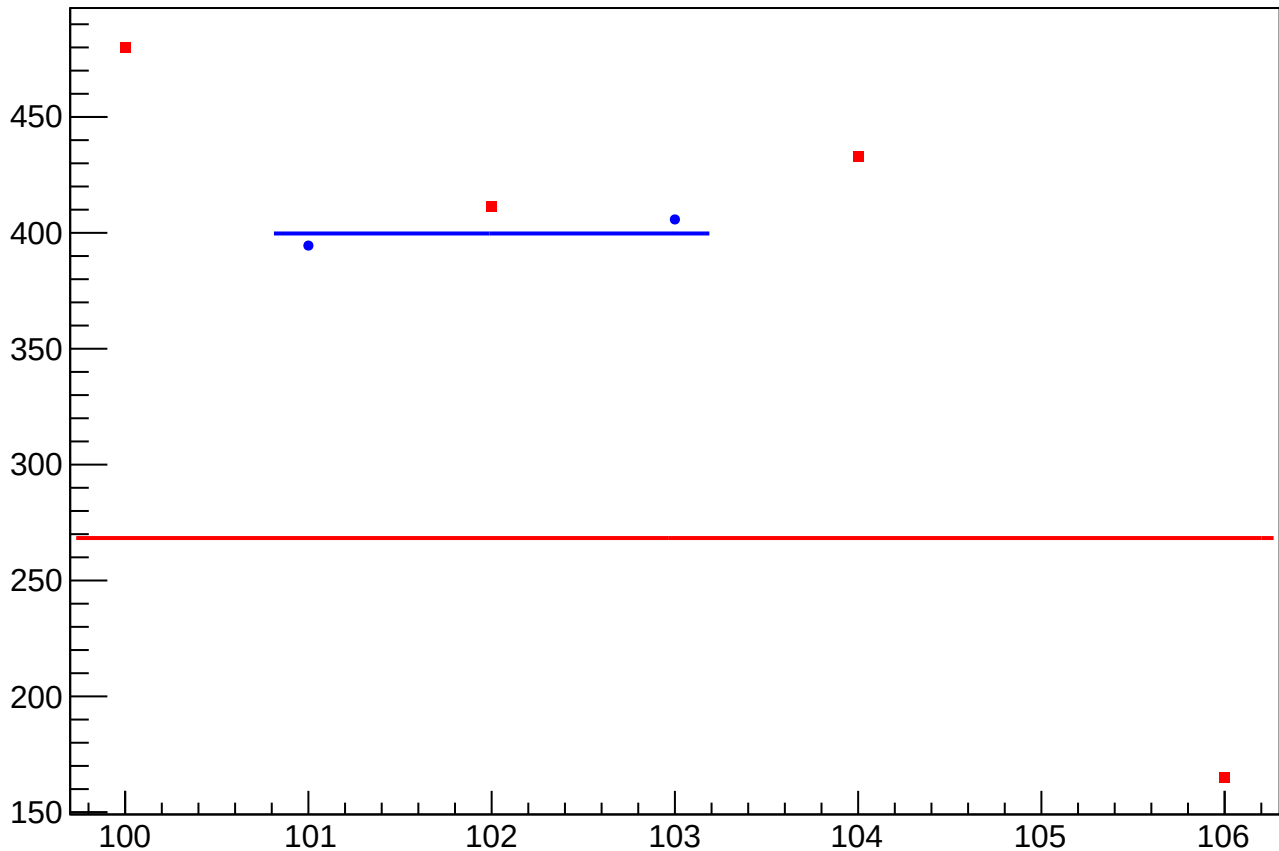
Right: 149299.007 $\pm$ 0.200 χ^2 /NDF: 6422385.9/5

In: 149688.269 $\pm$ 0.357 χ^2 /NDF:43784.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149299.007 $\pm$ 0.200 χ^2 /NDF: 6422385.9

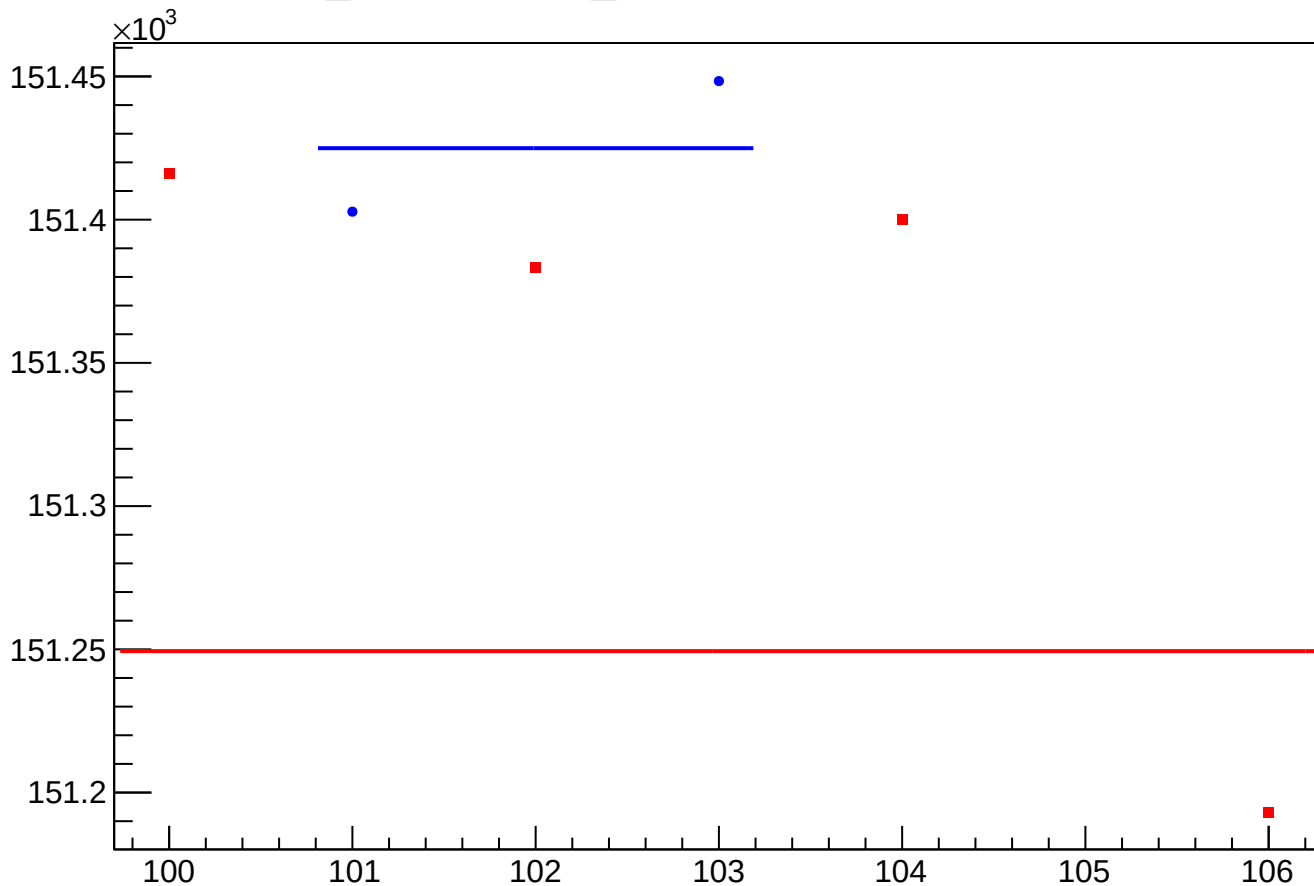
yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 399.729 +/- 0.252 χ^2/NDF : 496.1/1
Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right Out: 268.321 +/- 0.170 χ^2/NDF : 555364.7/3
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Right: 309.390 +/- 0.141 χ^2/NDF : 742197.0/5
In: 399.729 +/- 0.252 χ^2/NDF : 496.1/1
Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
All: 309.390 +/- 0.141 χ^2/NDF : 742197.0/5

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151424.953 $\pm$ 0.343 χ^2 /NDF: 4410.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151249.375 $\pm$ 0.199 χ^2 /NDF: 203203.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

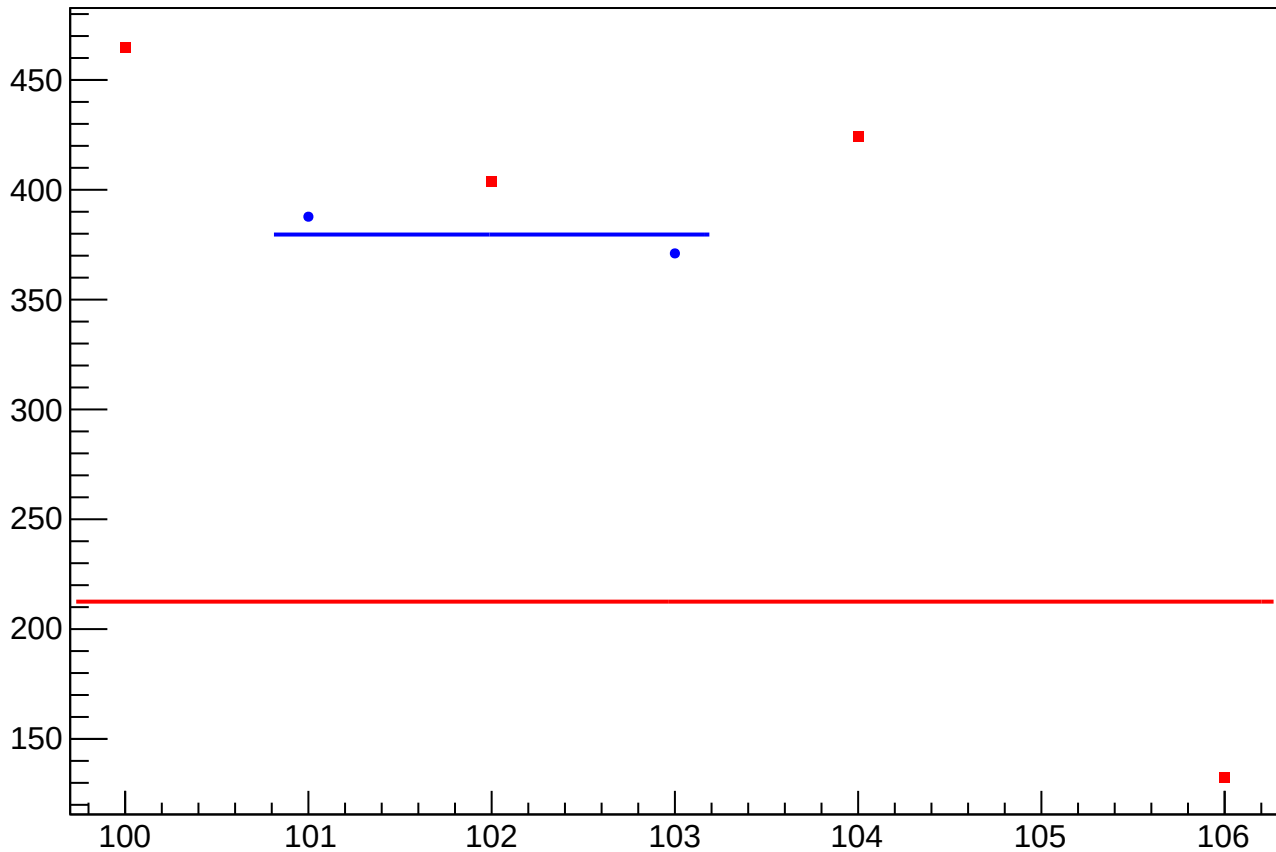
Right: 151293.436 $\pm$ 0.172 χ^2 /NDF: 403741.8/5

In: 151424.953 $\pm$ 0.343 χ^2 /NDF:4410.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151293.436 $\pm$ 0.172 χ^2 /NDF: 403741.8/5

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 212.502+/-0.140 χ^2/NDF : 824236.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

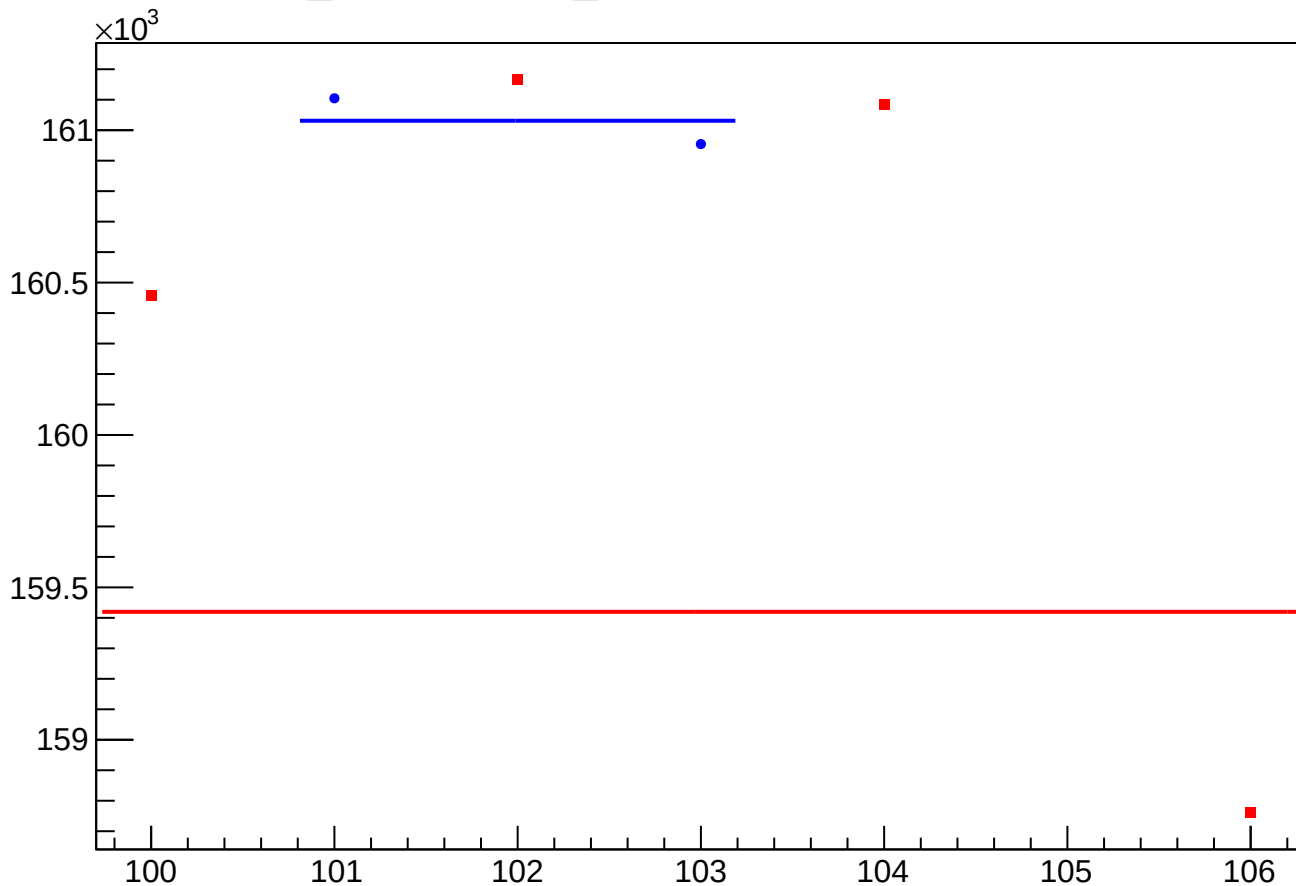
Right: 254.441+/-0.122 χ^2/NDF : 1180820.5/5

In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.441+/-0.122 χ^2/NDF : 1180820.5/5

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 161030.962 $\pm$ 0.362 χ^2 /NDF: 43086.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159419.853 $\pm$ 0.209 χ^2 /NDF: 25493365.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

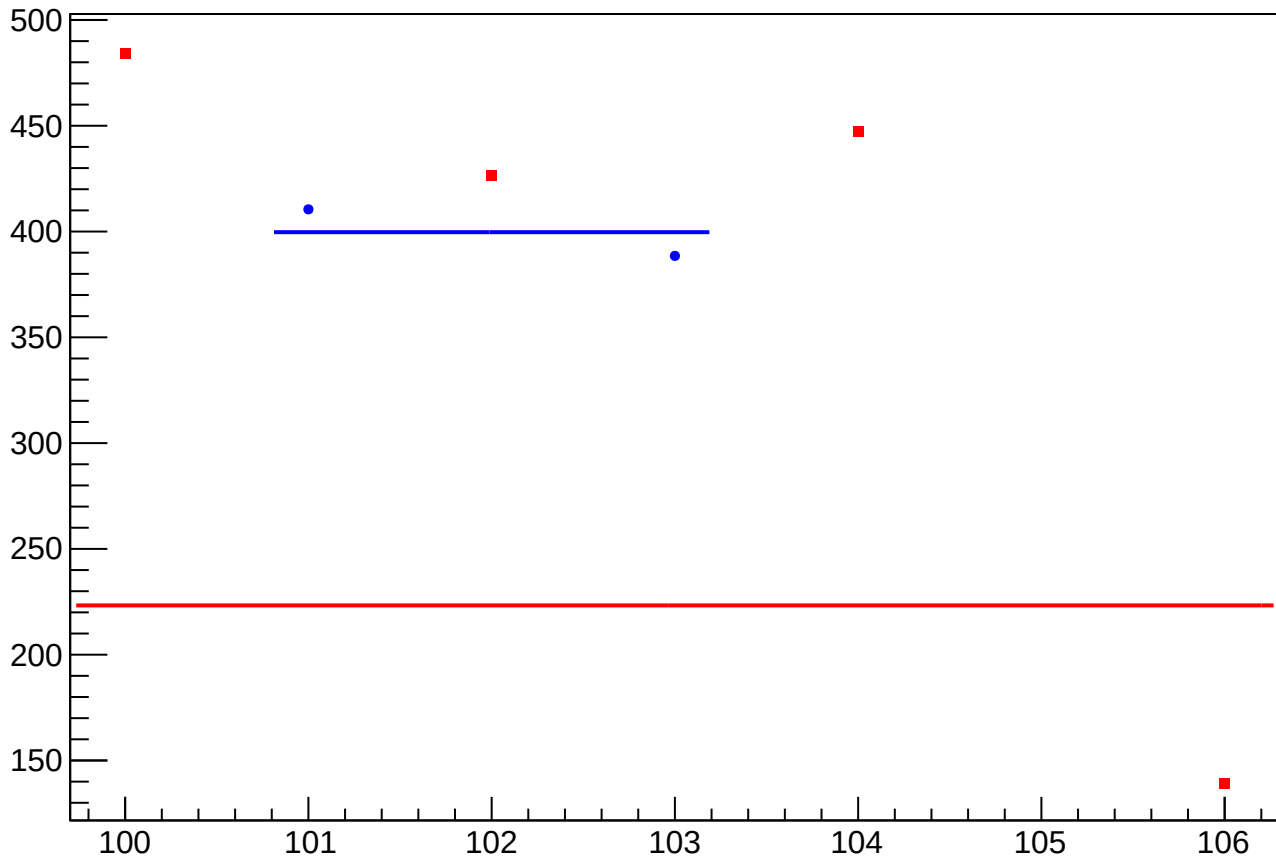
Right: 159823.022 $\pm$ 0.181 χ^2 /NDF: 40417542.5/5

In: 161030.962 $\pm$ 0.362 χ^2 /NDF:43086.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159823.022 $\pm$ 0.181 χ^2 /NDF: 40417542.5/5

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 399.698 $\pm$ 0.256 χ^2 /NDF: 1849.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 223.288 $\pm$ 0.148 χ^2 /NDF: 828719.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

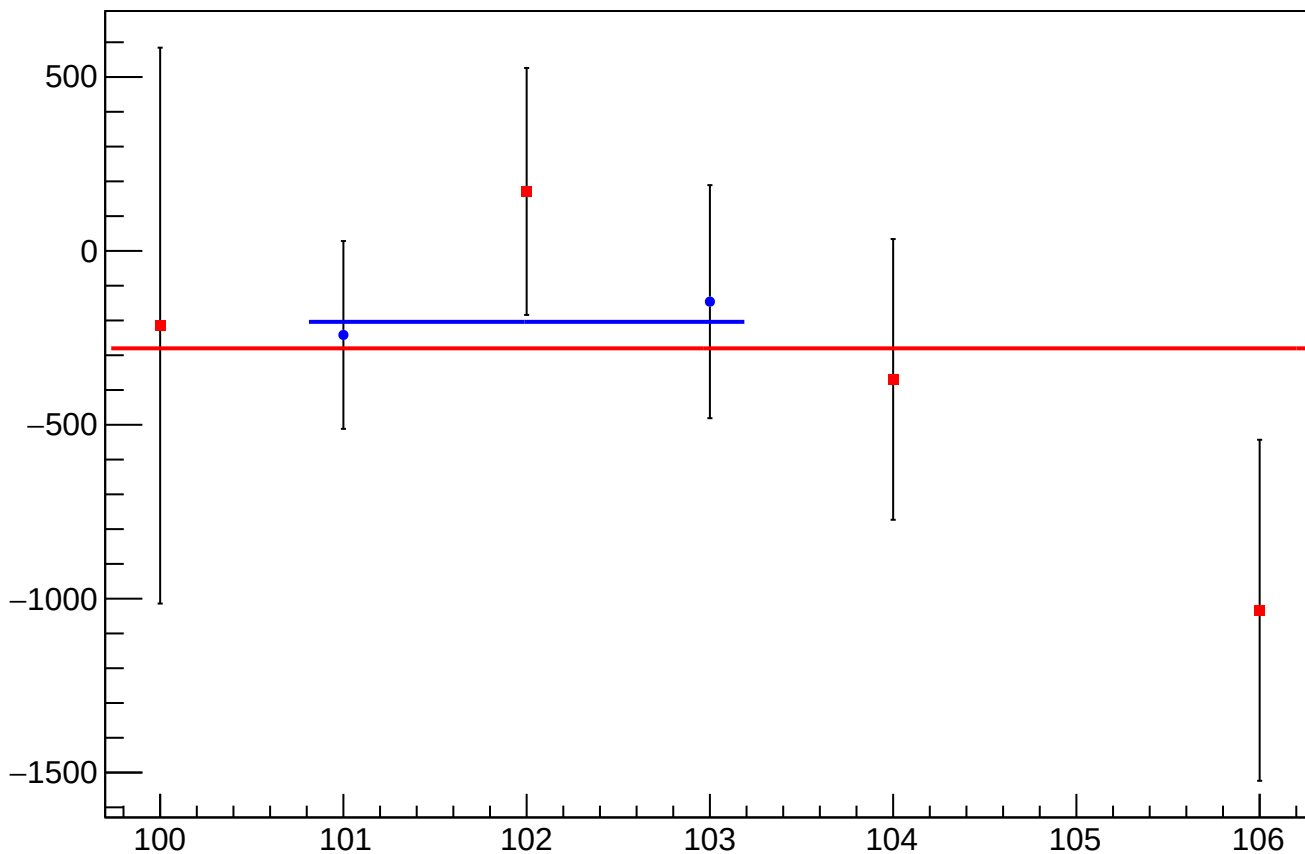
Right: 267.433 $\pm$ 0.128 χ^2 /NDF: 1187401.4/5

In: 399.698 $\pm$ 0.256 χ^2 /NDF:1849.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 267.433 $\pm$ 0.128 χ^2 /NDF: 1187401.4/5

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -203.977+/-210.242 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -280.169+/-224.754 χ^2 /NDF: 4.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

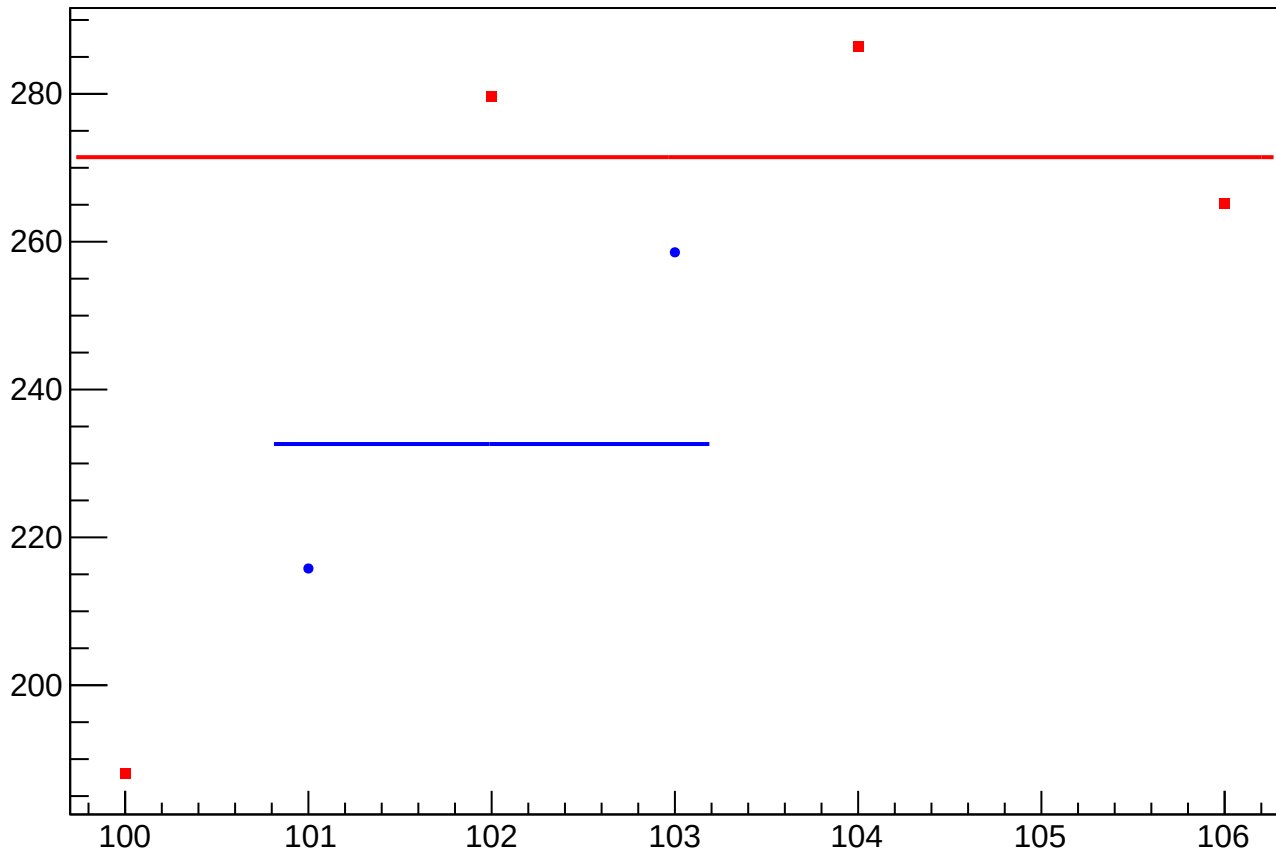
Right: -239.534+/-153.538 χ^2 /NDF: 4.1/5

In: -203.977+/-210.242 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -239.534+/-153.538 χ^2 /NDF: 4.1/5

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 232.630 $\pm$ 0.149 χ^2 /NDF: 19763.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.441 $\pm$ 0.159 χ^2 /NDF: 25902.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

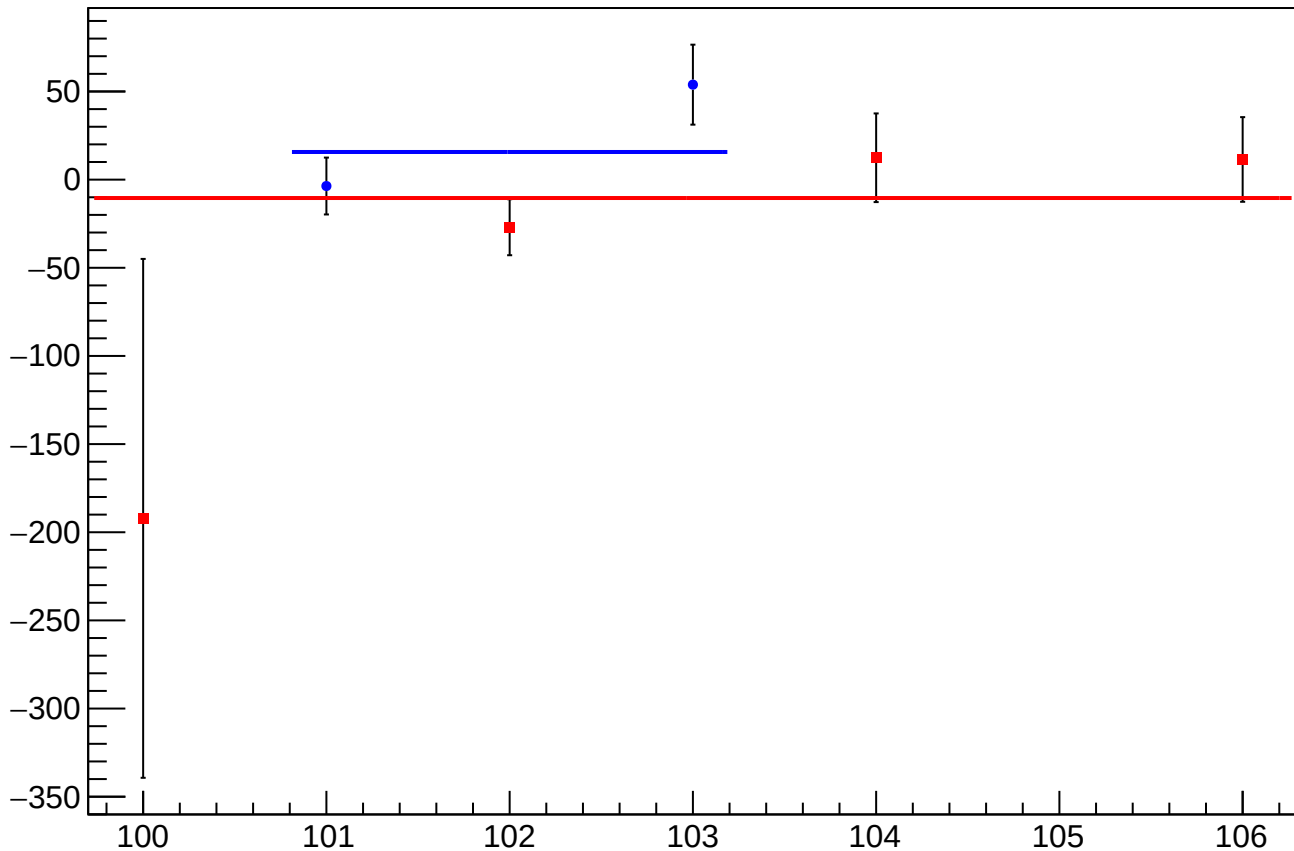
Right: 250.742 $\pm$ 0.109 χ^2 /NDF: 77470.7/5

In: 232.630 $\pm$ 0.149 χ^2 /NDF:19763.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.742 $\pm$ 0.109 χ^2 /NDF: 77470.7/5

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 15.683+/-13.144 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.428+/-11.682 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

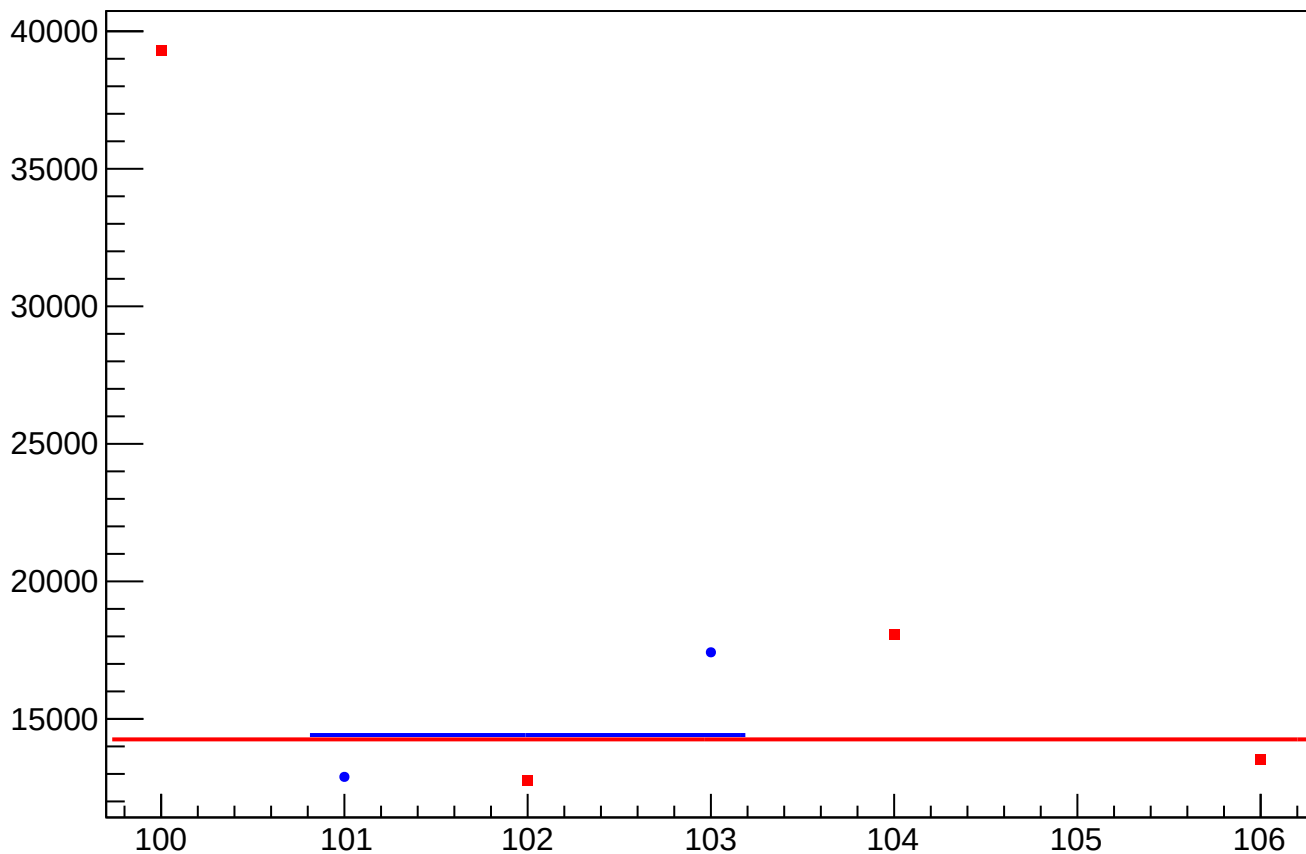
Right: 1.095+/-8.732 χ^2/NDF : 10.7/5

In: 15.683+/-13.144 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.095+/-8.732 χ^2/NDF : 10.7/5

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14414.012+/-9.294 χ^2/NDF : 52953.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14255.717+/-8.260 χ^2/NDF : 123109.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

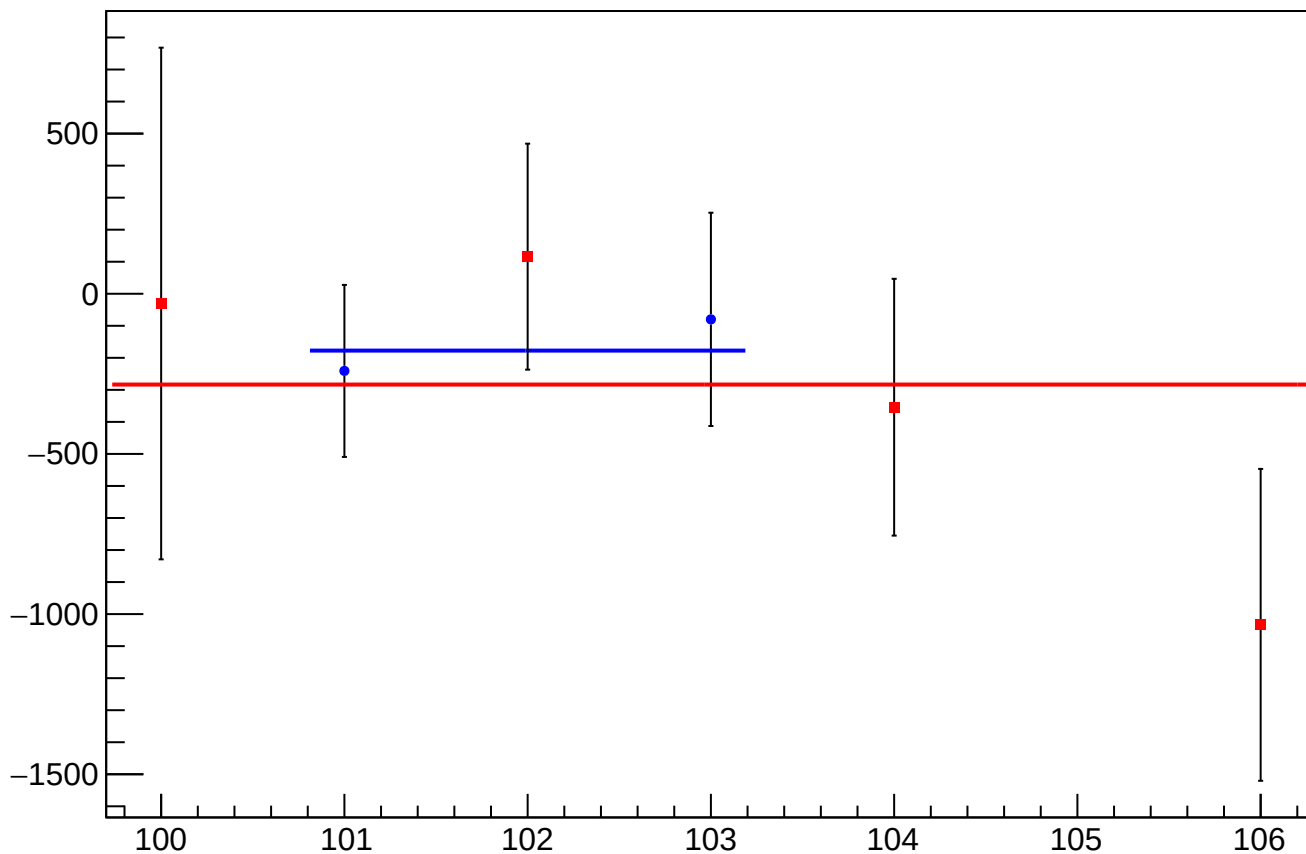
Right: 14325.574+/-6.174 χ^2/NDF : 176224.9/5

In: 14414.012+/-9.294 χ^2/NDF : 52953.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14325.574+/-6.174 χ^2/NDF : 176224.9/5

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -177.428+/-208.991 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -283.435+/-223.330 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

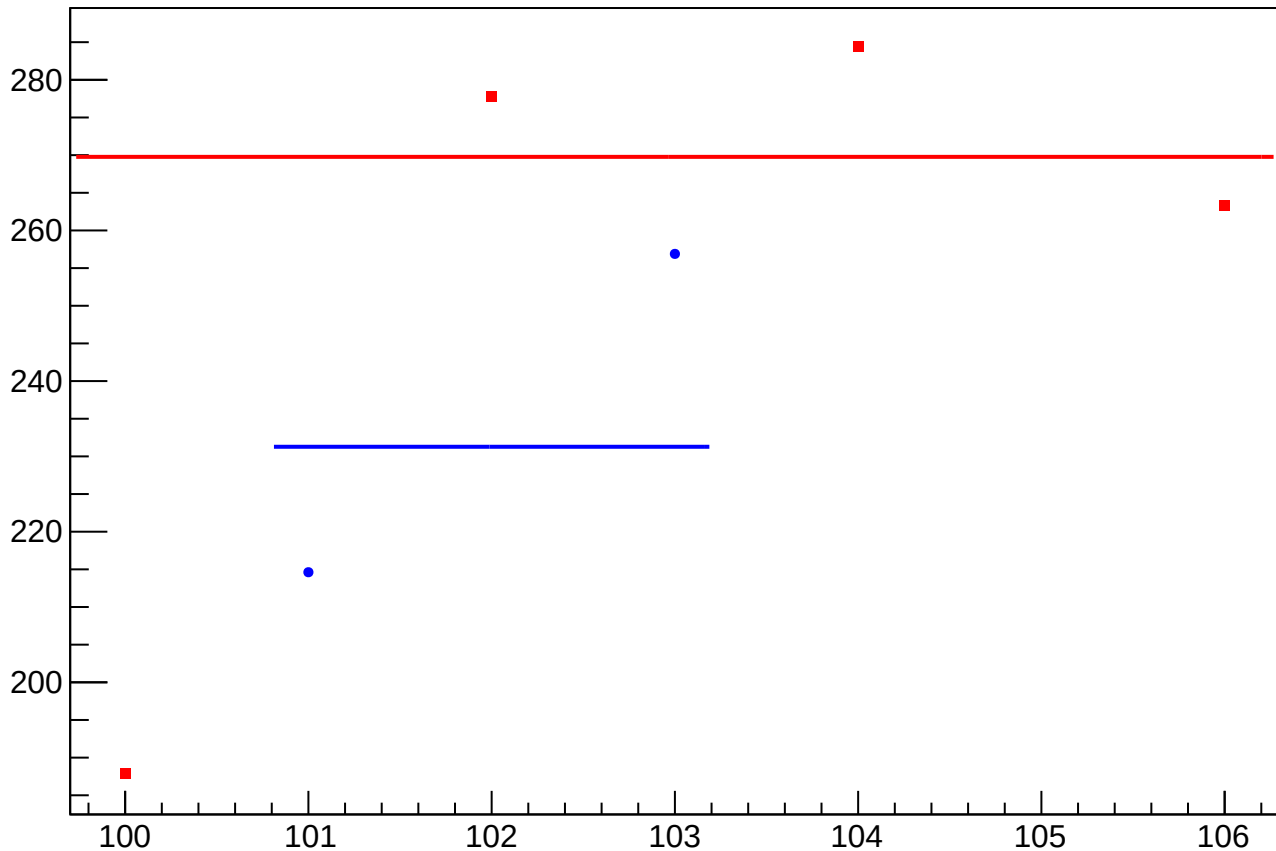
Right: -226.919+/-152.597 χ^2/NDF : 4.0/5

In: -177.428+/-208.991 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.919+/-152.597 χ^2/NDF : 4.0/5

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 231.278+/-0.148 χ^2/NDF : 19537.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.772+/-0.158 χ^2/NDF : 25064.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

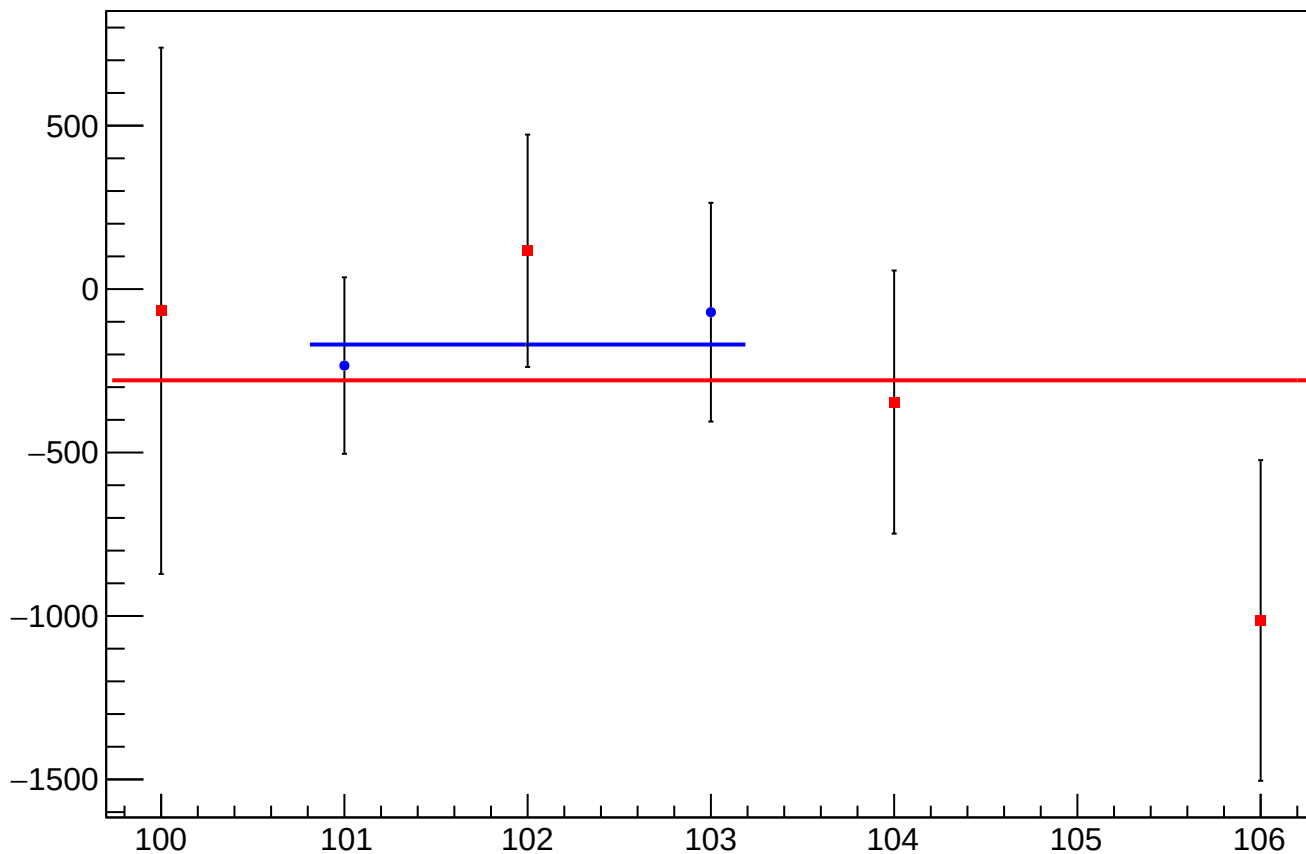
Right: 249.250+/-0.108 χ^2/NDF : 76281.3/5

In: 231.278+/-0.148 χ^2/NDF : 19537.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.250+/-0.108 χ^2/NDF : 76281.3/5

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -169.570+/-210.089 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.109+/-224.794 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

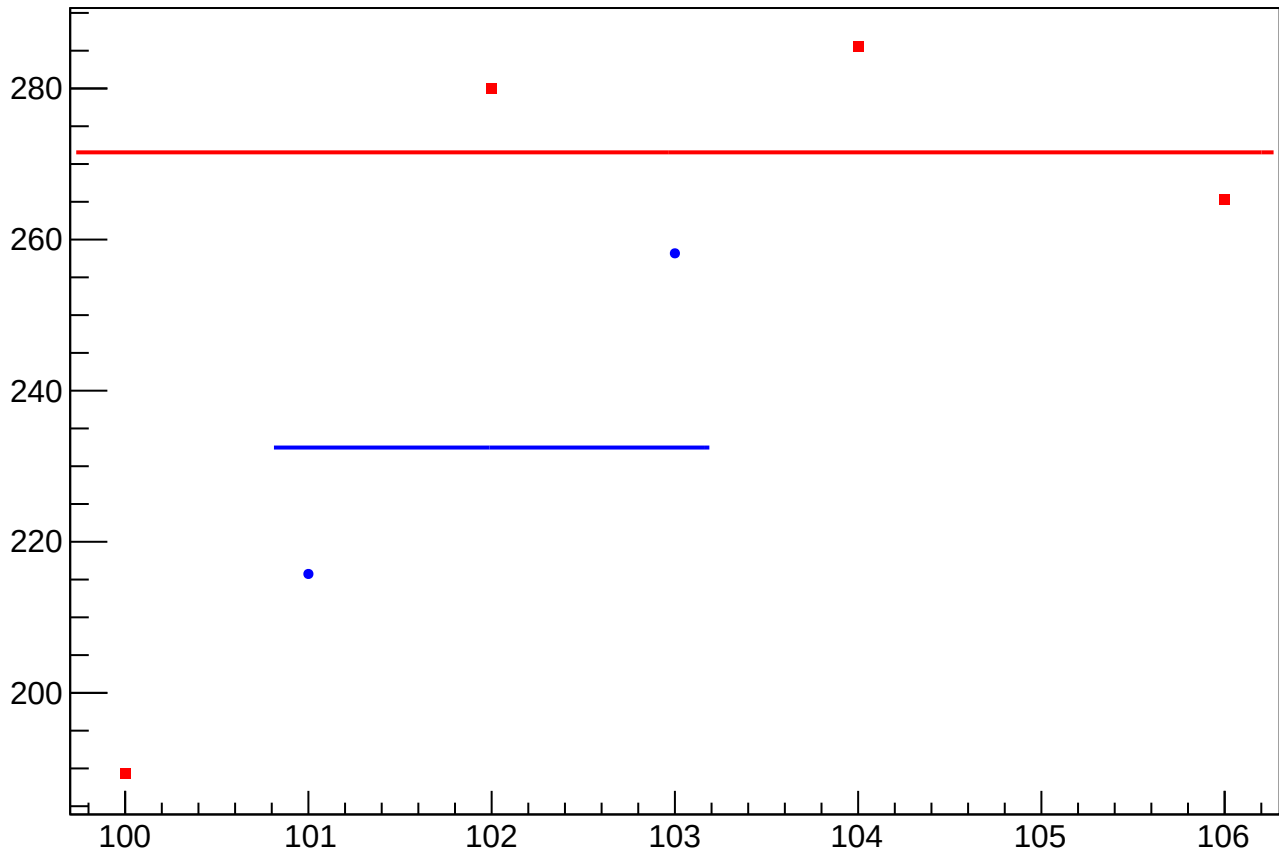
Right: -220.640+/-153.491 χ^2/NDF : 3.9/5

In: -169.570+/-210.089 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.640+/-153.491 χ^2/NDF : 3.9/5

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 232.473+/-0.149 χ^2/NDF : 19489.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.545+/-0.159 χ^2/NDF : 24721.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

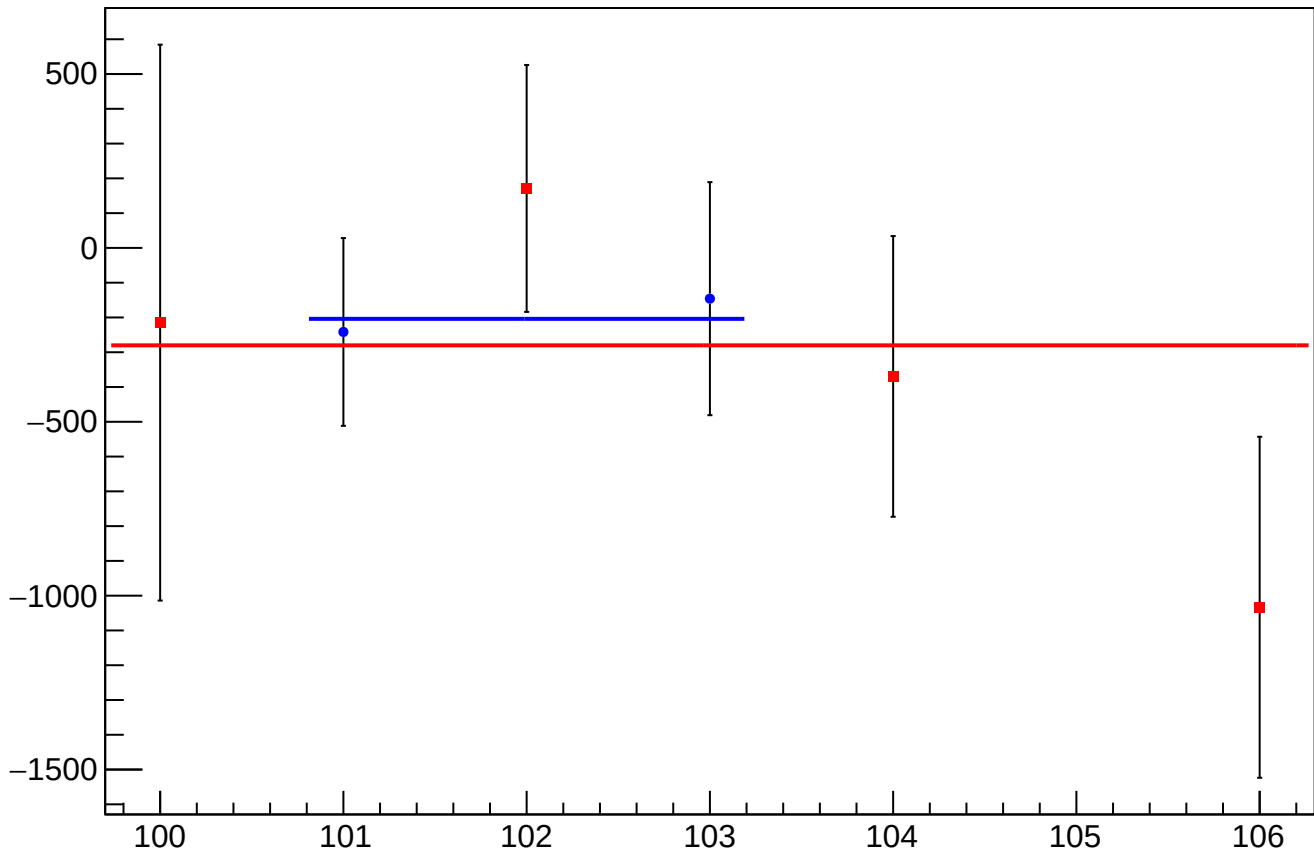
Right: 250.689+/-0.109 χ^2/NDF : 76461.8/5

In: 232.473+/-0.149 χ^2/NDF : 19489.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.689+/-0.109 χ^2/NDF : 76461.8/5

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -203.977 $\pm$ 210.242 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -280.169 $\pm$ 224.754 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

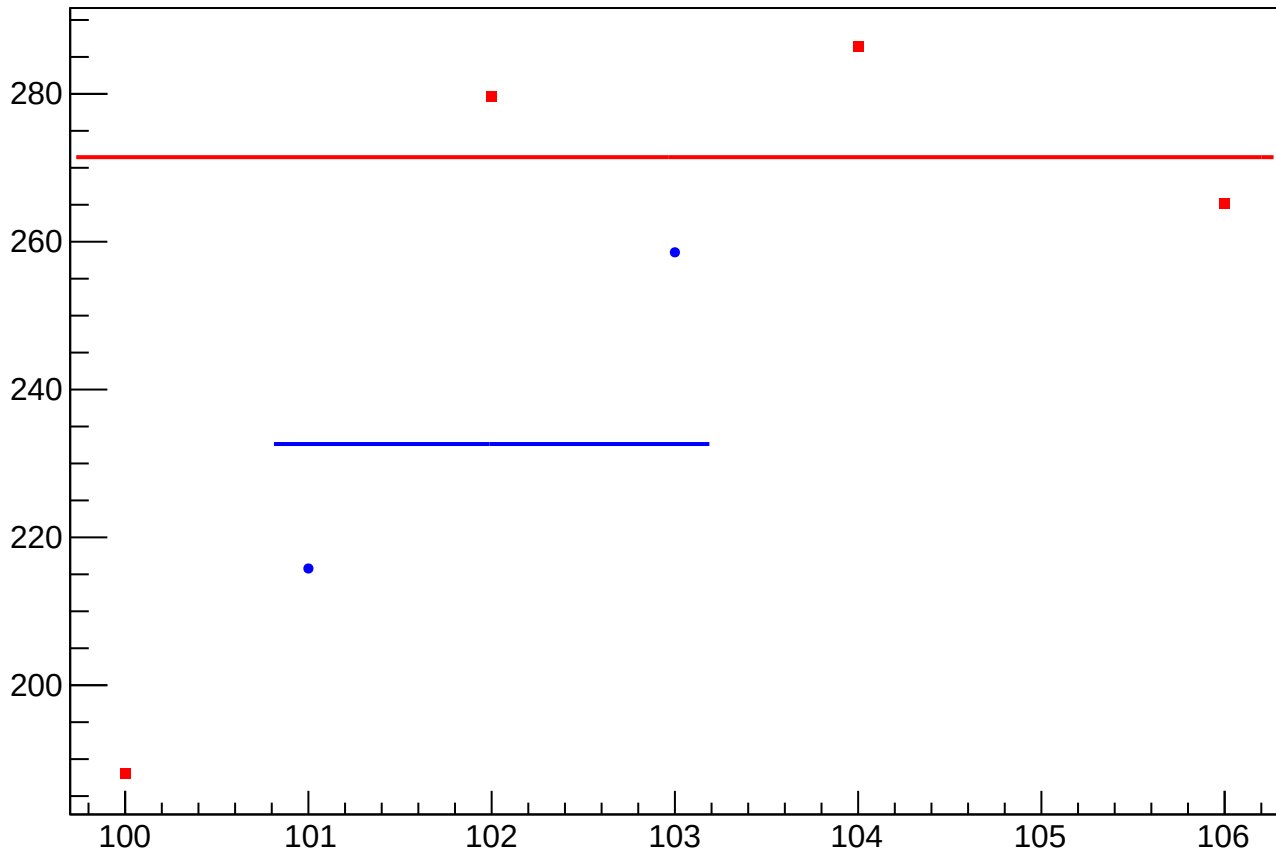
Right: -239.534 $\pm$ 153.538 χ^2 /NDF: 4.1/5

In: -203.977 $\pm$ 210.242 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -239.534 $\pm$ 153.538 χ^2 /NDF: 4.1/5

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 232.630 $\pm$ 0.149 χ^2 /NDF: 19763.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.441 $\pm$ 0.159 χ^2 /NDF: 25902.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

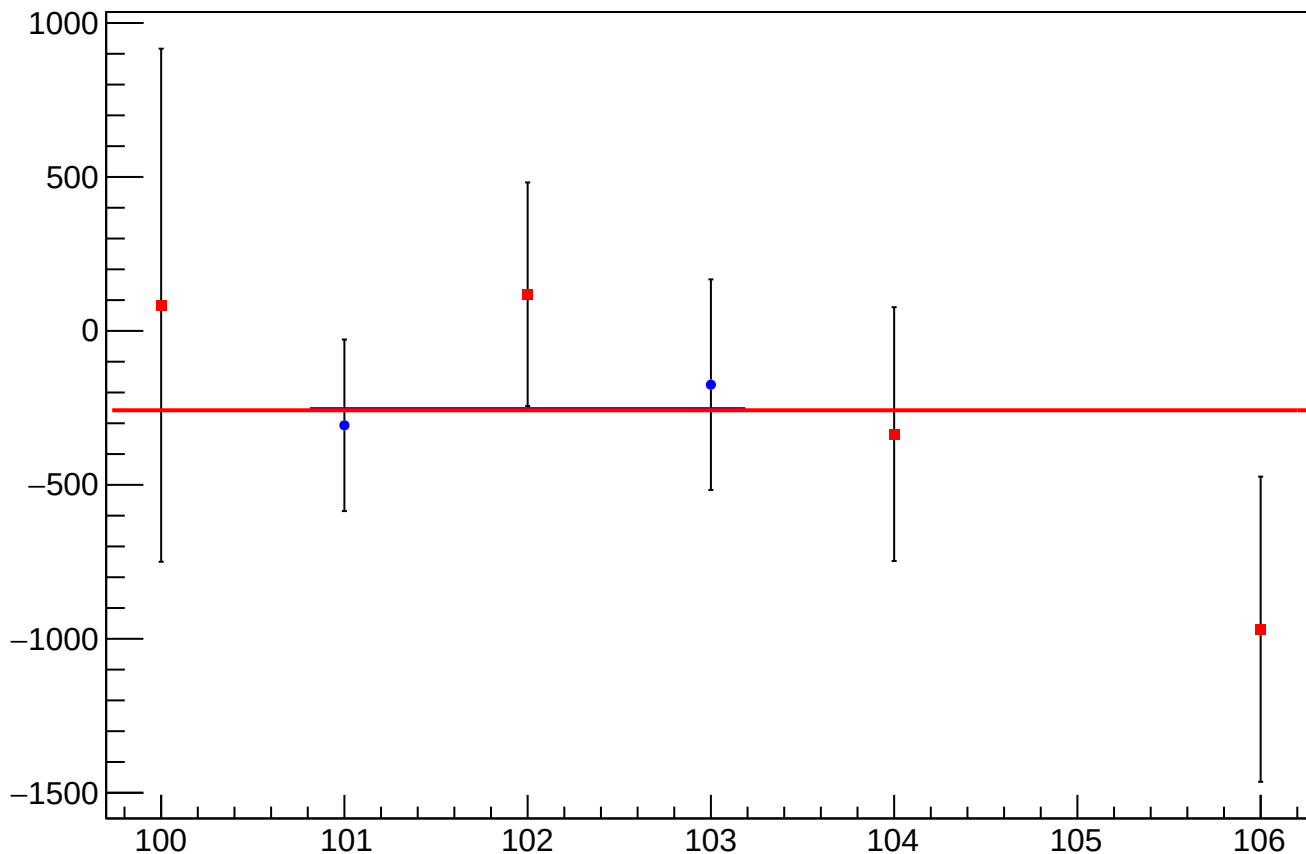
Right: 250.742 $\pm$ 0.109 χ^2 /NDF: 77470.7/5

In: 232.630 $\pm$ 0.149 χ^2 /NDF:19763.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.742 $\pm$ 0.109 χ^2 /NDF: 77470.7/5

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -254.032+/-216.015 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.821+/-229.513 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

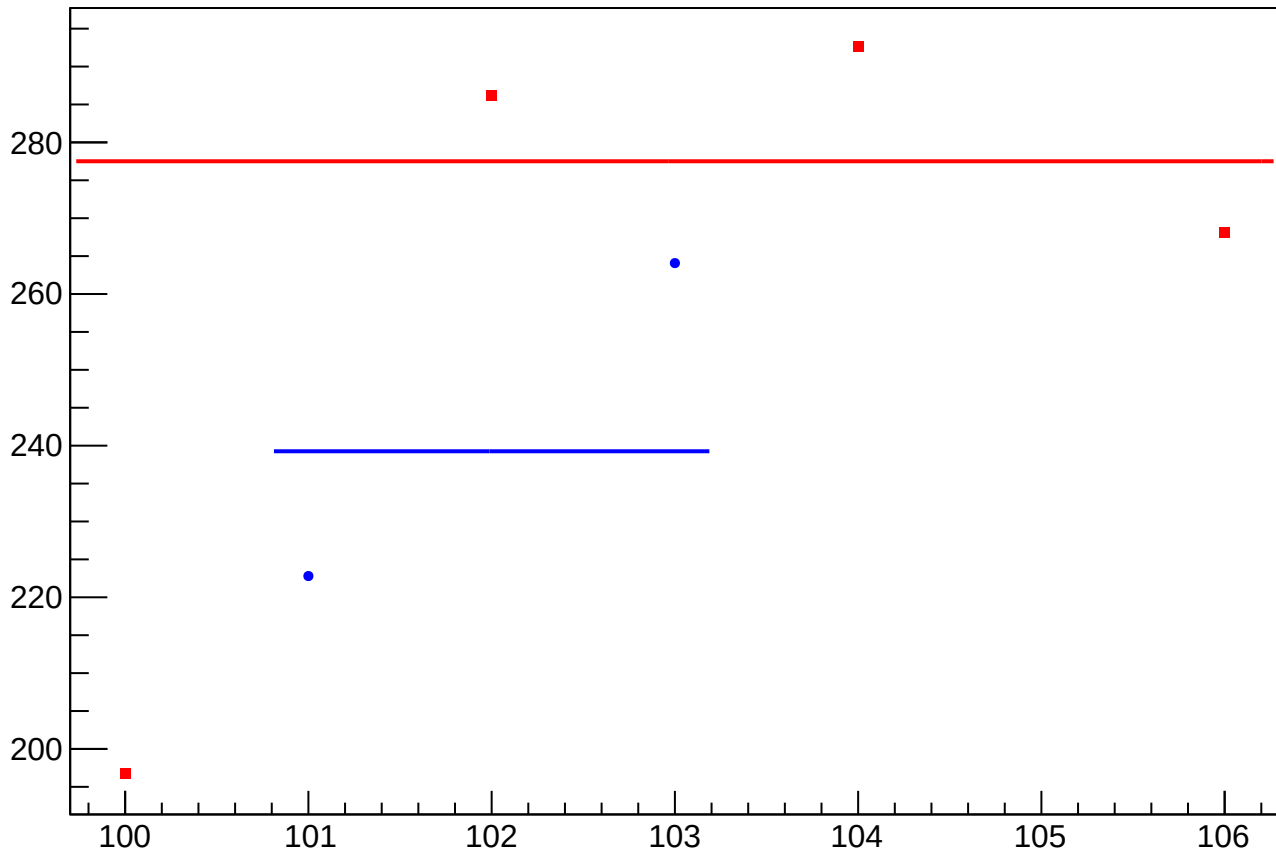
Right: -255.812+/-157.301 χ^2/NDF : 3.4/5

In: -254.032+/-216.015 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.812+/-157.301 χ^2/NDF : 3.4/5

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 239.261+/-0.153 χ^2/NDF : 17505.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 277.510+/-0.162 χ^2/NDF : 23298.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

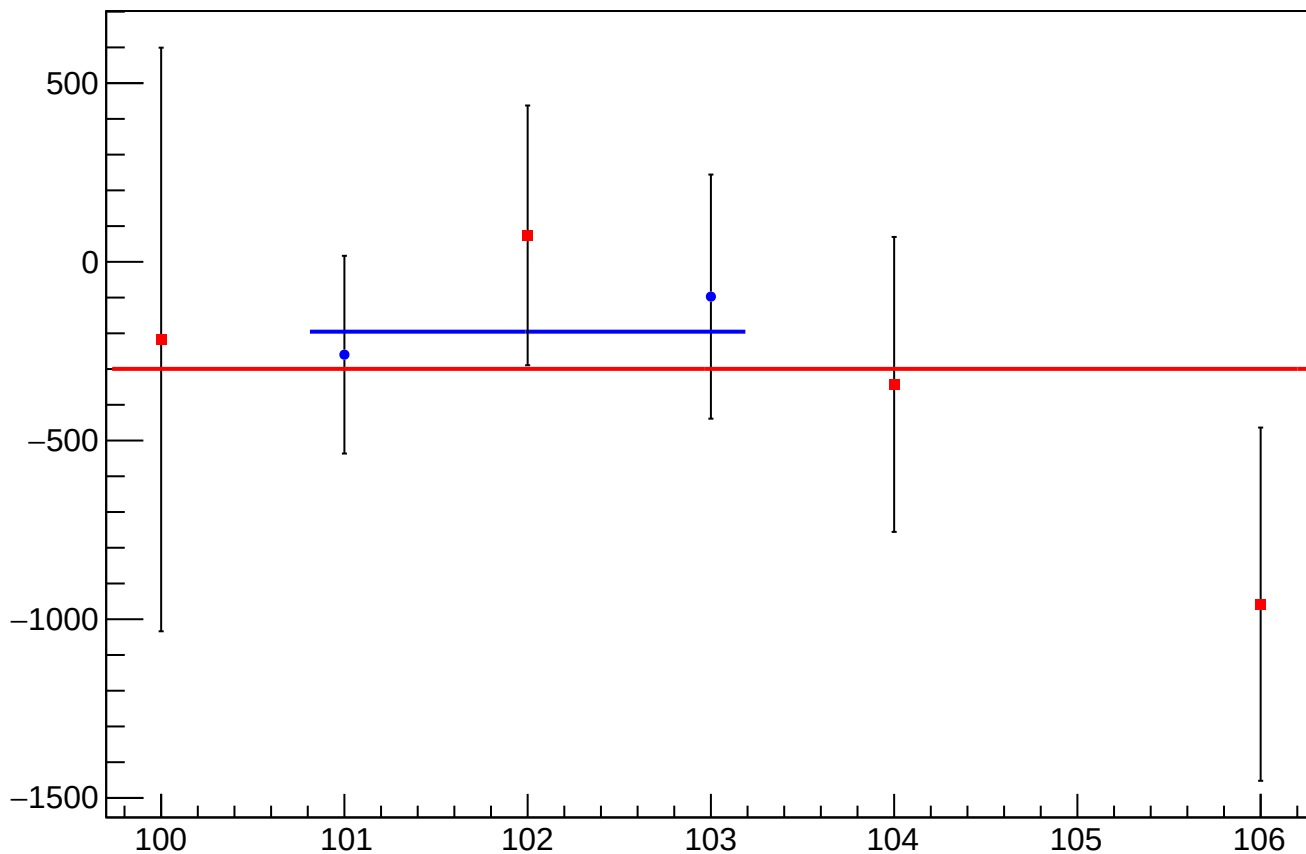
Right: 257.228+/-0.111 χ^2/NDF : 70259.4/5

In: 239.261+/-0.153 χ^2/NDF : 17505.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.228+/-0.111 χ^2/NDF : 70259.4/5

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -195.390+/-214.955 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -299.459+/-229.177 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

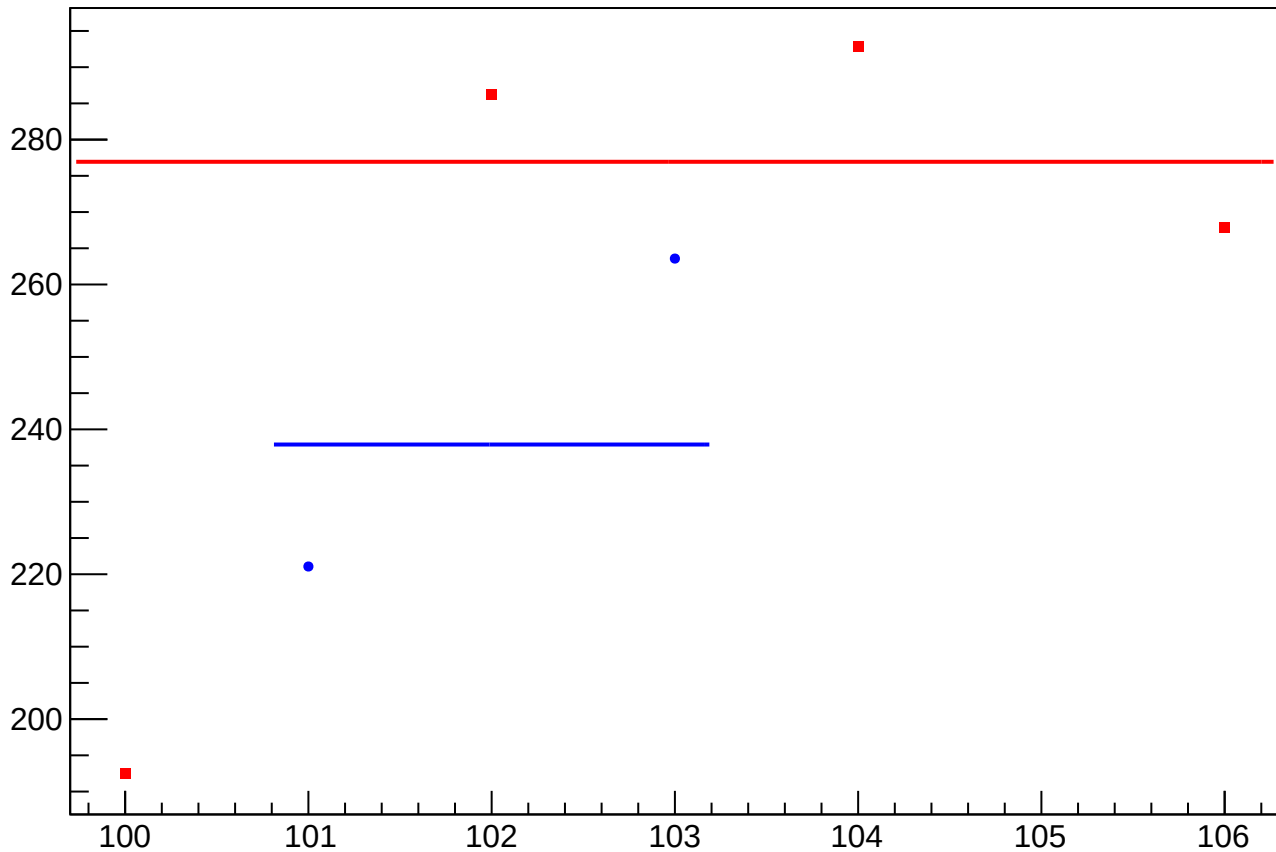
Right: -244.095+/-156.783 χ^2/NDF : 3.1/5

In: -195.390+/-214.955 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.095+/-156.783 χ^2/NDF : 3.1/5

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 237.908+/-0.152 χ^2/NDF : 18710.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.939+/-0.162 χ^2/NDF : 26366.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

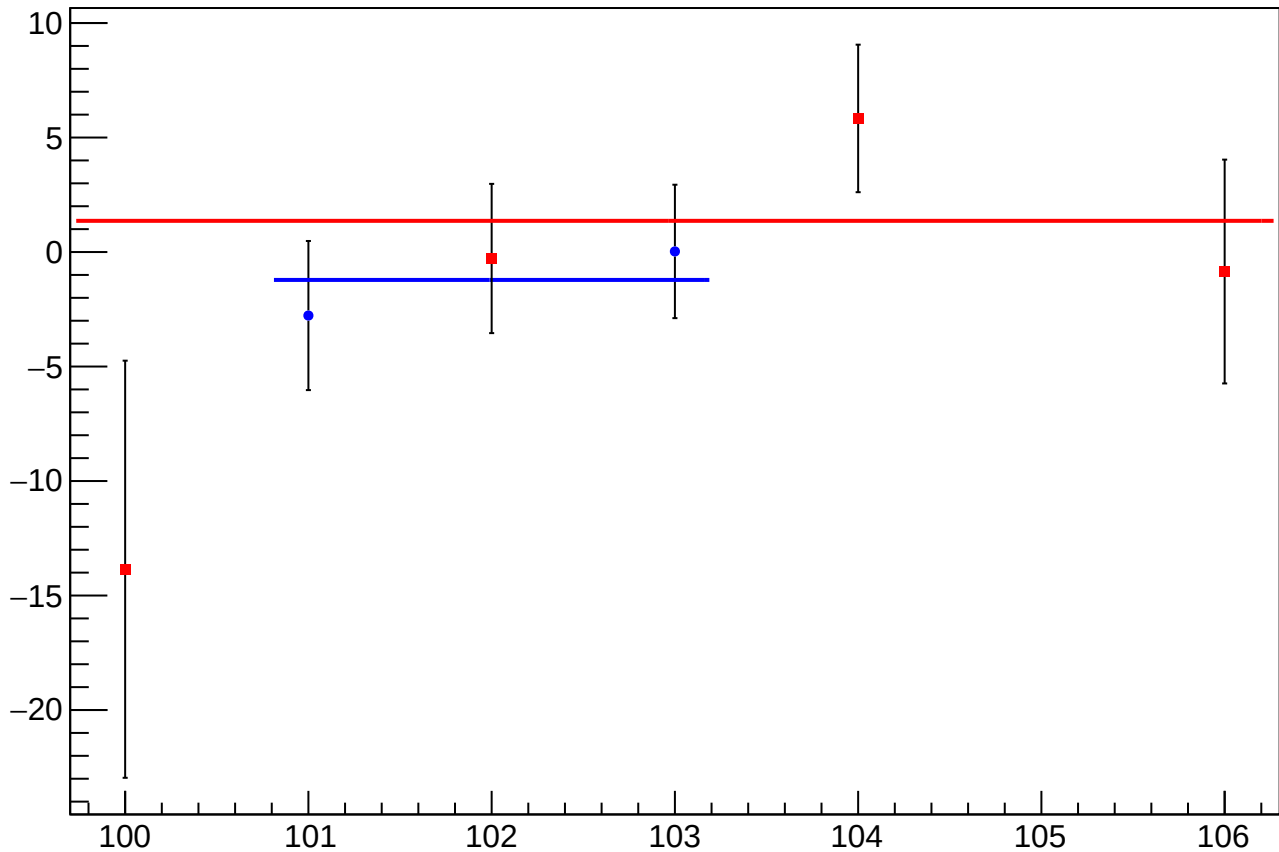
Right: 256.175+/-0.111 χ^2/NDF : 75938.8/5

In: 237.908+/-0.152 χ^2/NDF : 18710.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.175+/-0.111 χ^2/NDF : 75938.8/5

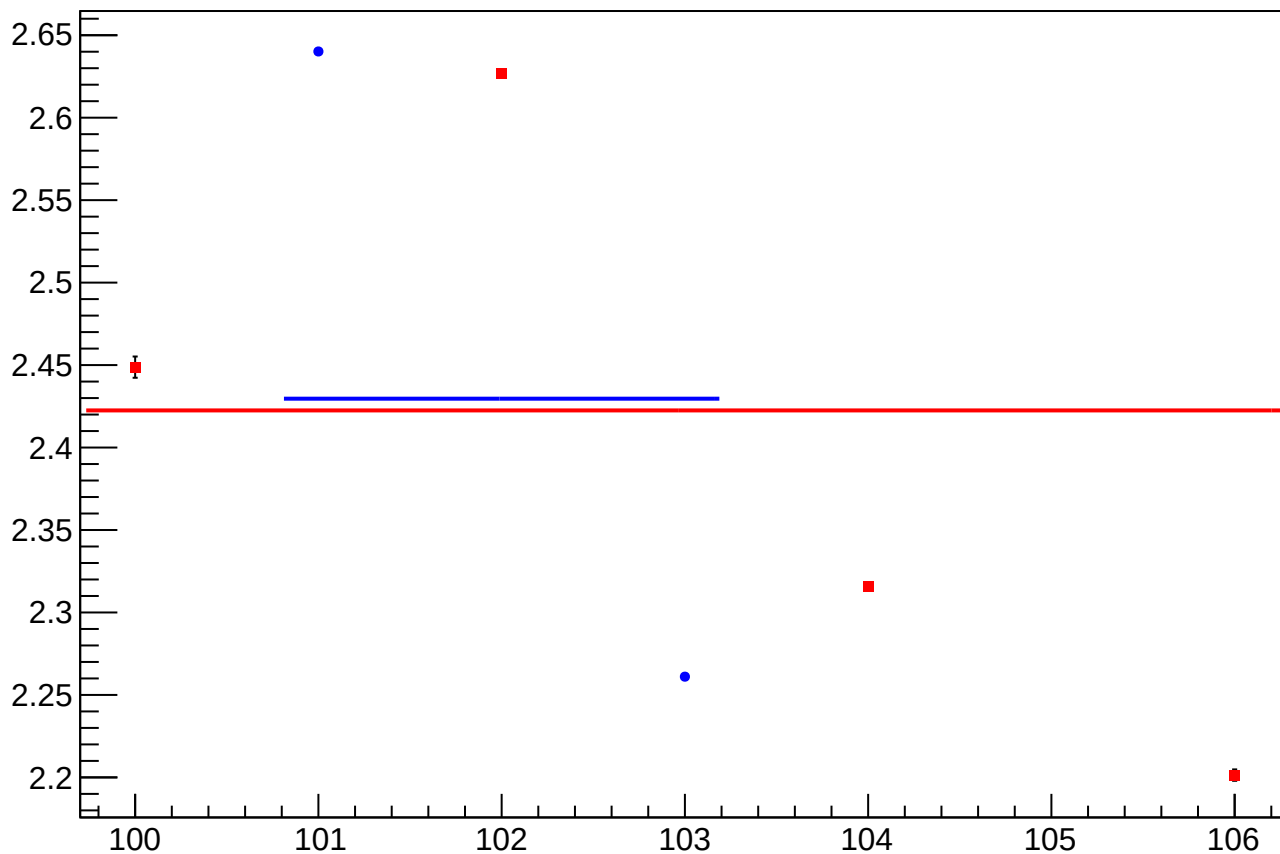
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.218 $\pm$ 2.171 χ^2 /NDF: 0.4/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1.362 $\pm$ 2.022 χ^2 /NDF: 5.2/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.163 $\pm$ 1.480 χ^2 /NDF: 6.3/5
 In: -1.218 $\pm$ 2.171 χ^2 /NDF:0.4/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.163 $\pm$ 1.480 χ^2 /NDF: 6.3/5

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430+/-0.002 χ^2/NDF : 15057.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.423+/-0.001 χ^2/NDF : 14158.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

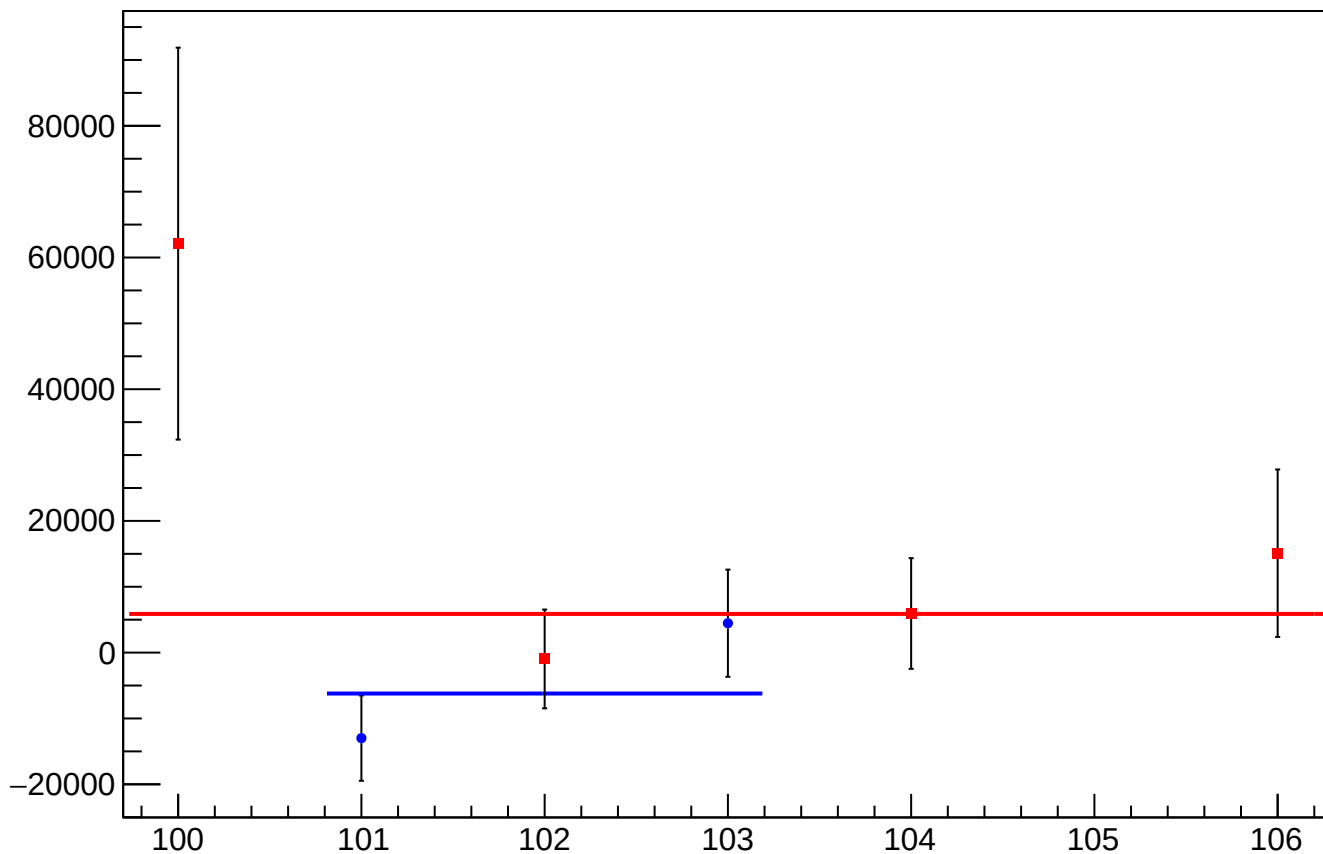
Right: 2.426+/-0.001 χ^2/NDF : 29227.7/5

In: 2.430+/-0.002 χ^2/NDF : 15057.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.426+/-0.001 χ^2/NDF : 29227.7/5

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -6213.684 $\pm$ 5069.925 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5872.552 $\pm$ 5047.868 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

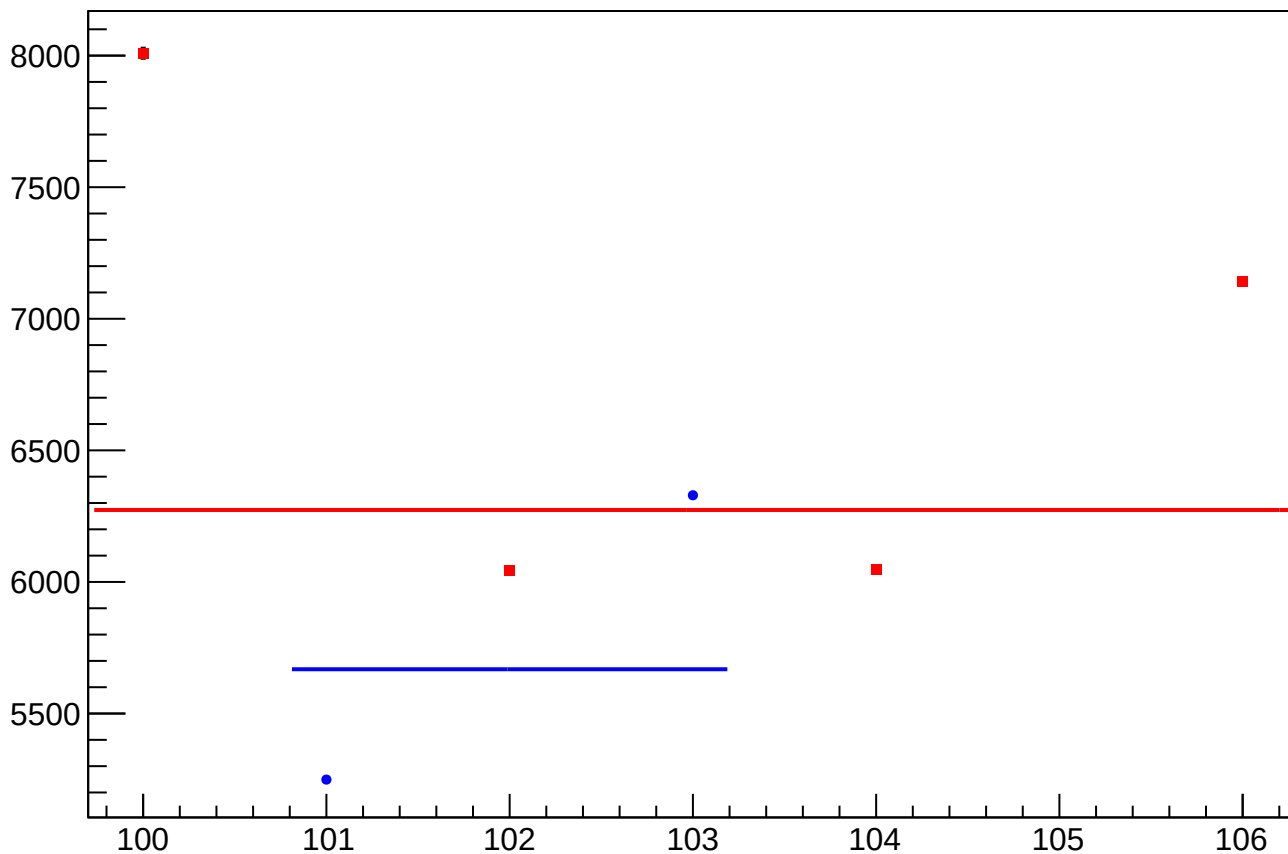
Right: -144.218 $\pm$ 3577.154 χ^2 /NDF: 10.6/5

In: -6213.684 $\pm$ 5069.925 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -144.218 $\pm$ 3577.154 χ^2 /NDF: 10.6/5

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5668.275+/-3.585 χ^2/NDF : 21567.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6273.493+/-3.569 χ^2/NDF : 19482.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

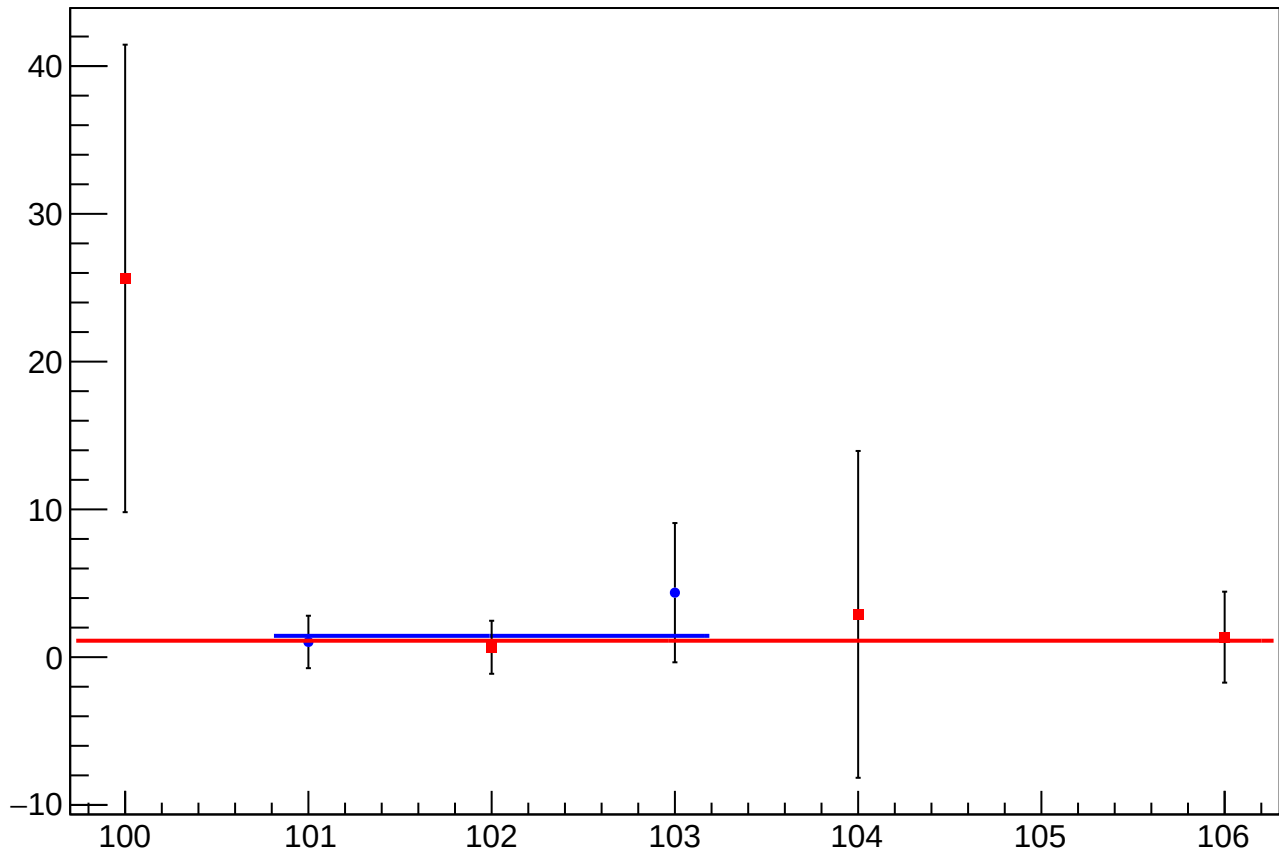
Right: 5972.204+/-2.529 χ^2/NDF : 55362.2/5

In: 5668.275+/-3.585 χ^2/NDF : 21567.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5972.204+/-2.529 χ^2/NDF : 55362.2/5

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.443 $\pm$ 1.660 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.113 $\pm$ 1.528 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

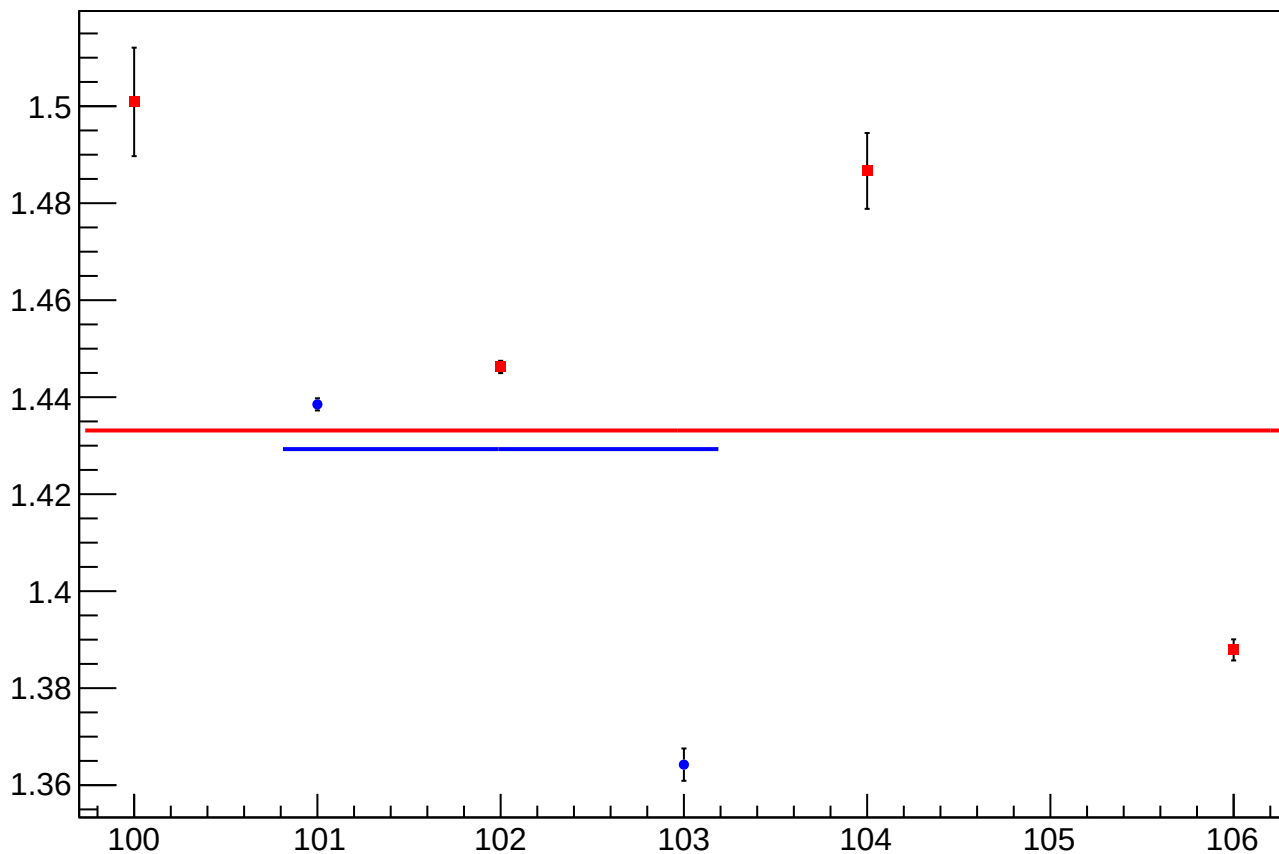
Right: 1.265 $\pm$ 1.124 χ^2 /NDF: 3.0/5

In: 1.443 $\pm$ 1.660 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.265 $\pm$ 1.124 χ^2 /NDF: 3.0/5

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.429+/-0.001 χ^2/NDF : 435.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.433+/-0.001 χ^2/NDF : 622.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

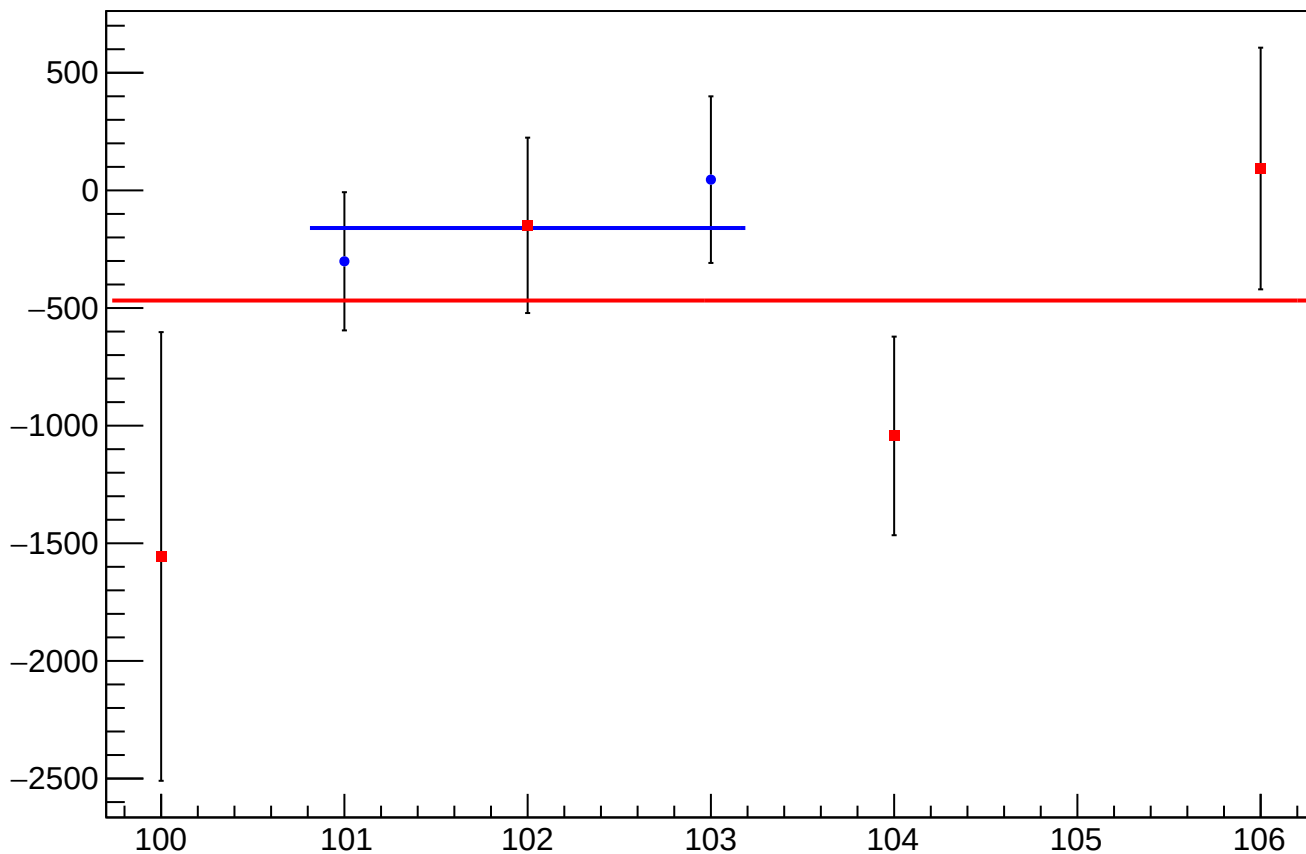
Right: 1.431+/-0.001 χ^2/NDF : 1063.4/5

In: 1.429+/-0.001 χ^2/NDF : 435.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.431+/-0.001 χ^2/NDF : 1063.4/5

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -159.889 $\pm$ 226.066 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -468.094 $\pm$ 237.690 χ^2 /NDF: 5.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

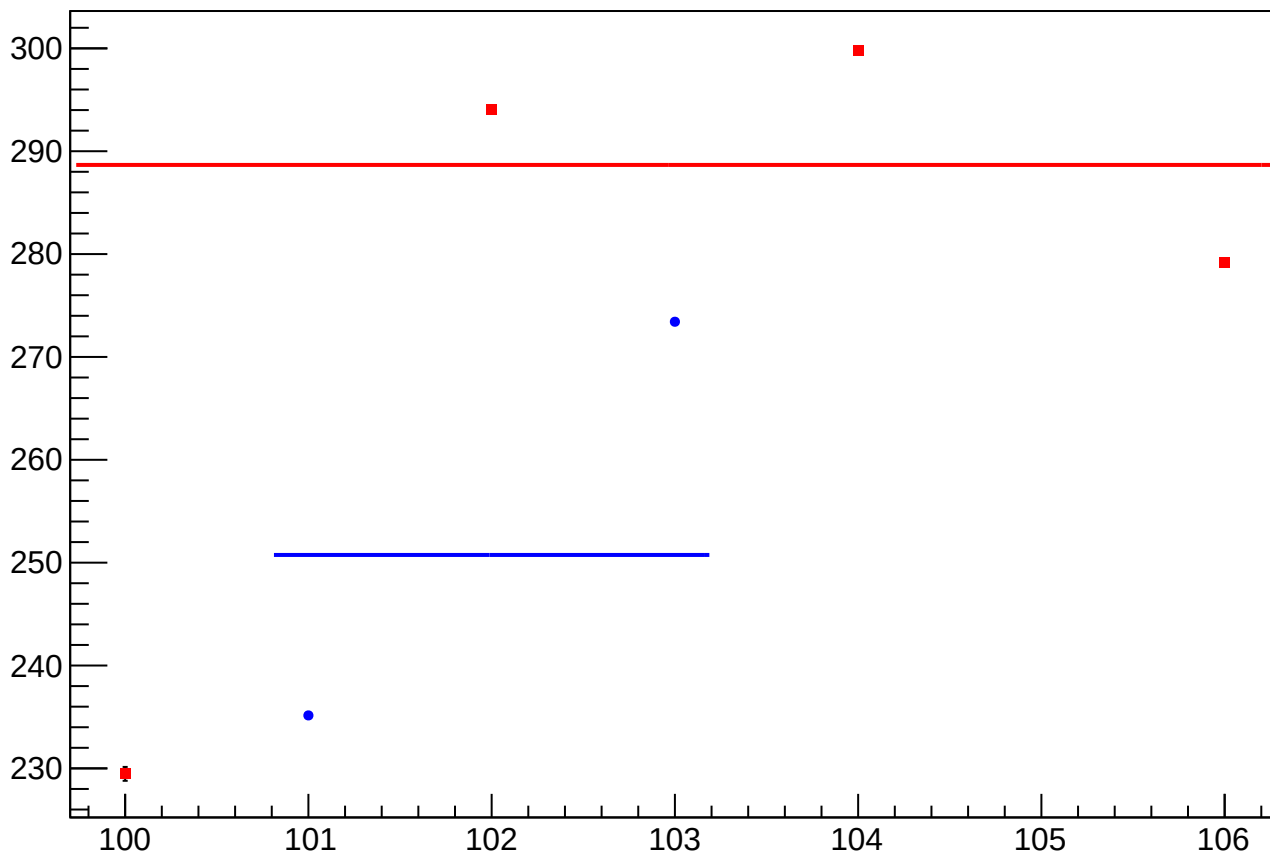
Right: -306.271 $\pm$ 163.808 χ^2 /NDF: 6.5/5

In: -159.889 $\pm$ 226.066 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -306.271 $\pm$ 163.808 χ^2 /NDF: 6.5/5

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 250.750+/-0.160 χ^2/NDF : 13841.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.668+/-0.168 χ^2/NDF : 10187.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

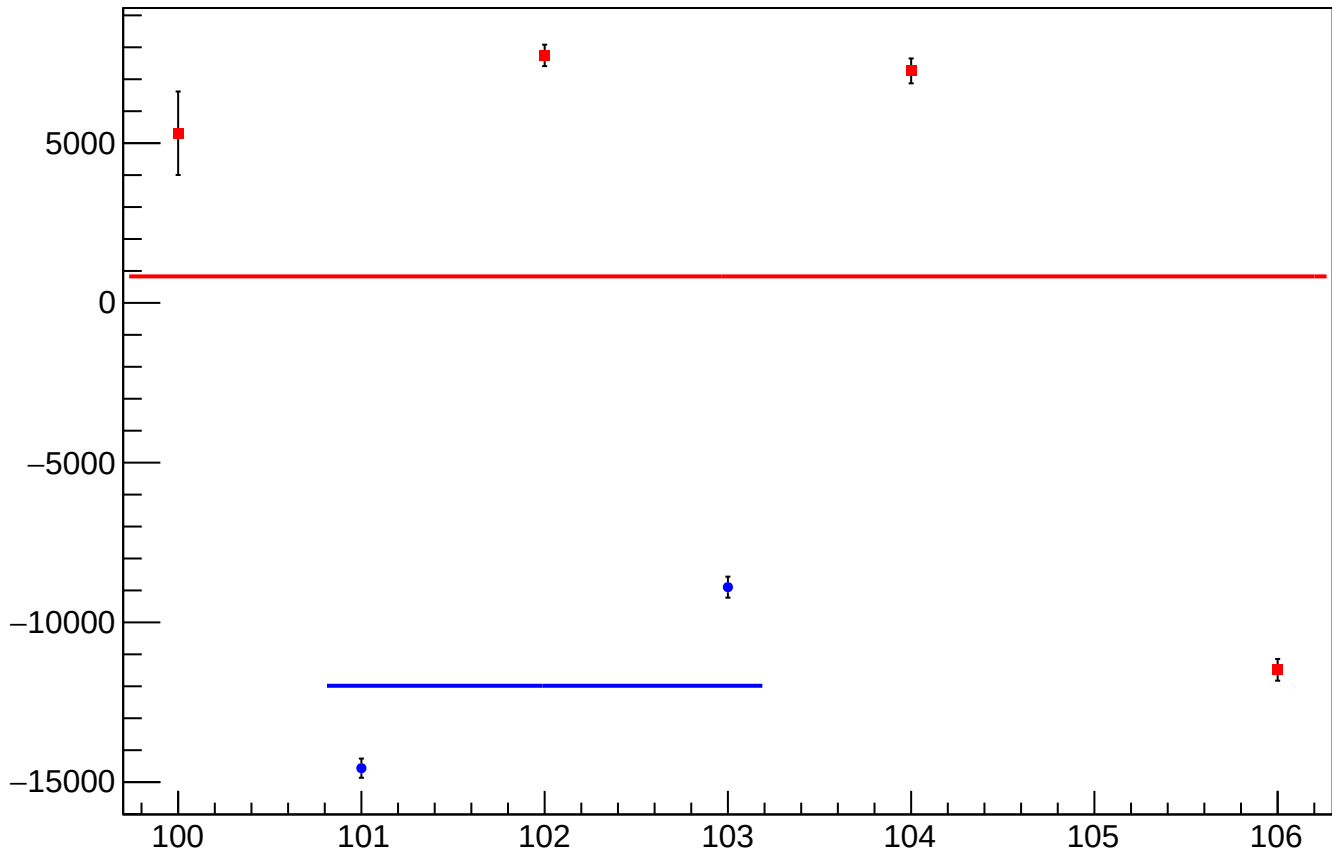
Right: 268.759+/-0.116 χ^2/NDF : 50752.5/5

In: 250.750+/-0.160 χ^2/NDF : 13841.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.759+/-0.116 χ^2/NDF : 50752.5/5

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.586+/-201.337 χ^2/NDF : 2017.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

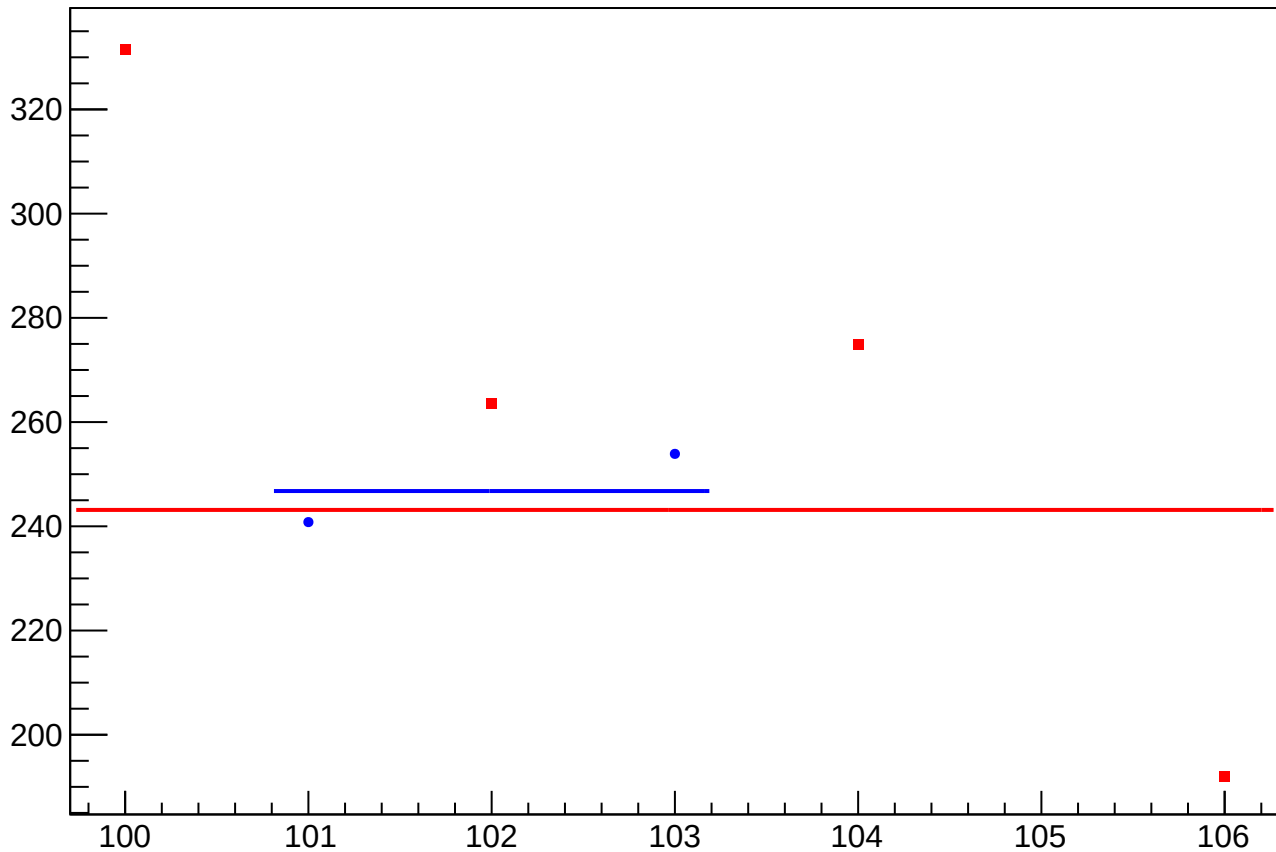
Right: -4945.648+/-149.219 χ^2/NDF : 4004.0/5

In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4945.648+/-149.219 χ^2/NDF : 4004.0/5

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769 $\pm$ 0.157 χ^2 /NDF: 1721.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 243.145 $\pm$ 0.142 χ^2 /NDF: 74972.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

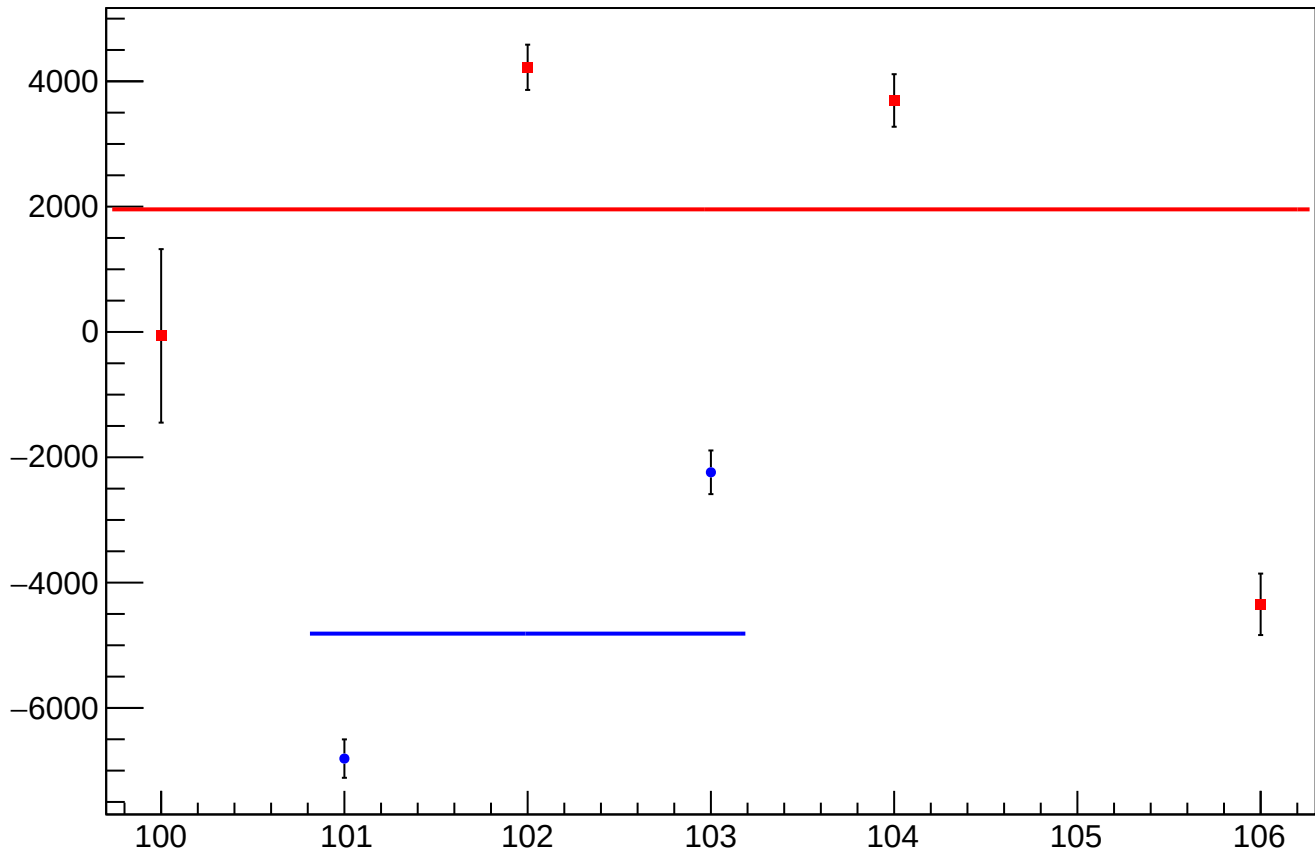
Right: 244.778 $\pm$ 0.106 χ^2 /NDF: 76986.0/5

In: 246.769 $\pm$ 0.157 χ^2 /NDF:1721.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.778 $\pm$ 0.106 χ^2 /NDF: 76986.0/5

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1956.359+/-235.464 χ^2/NDF : 223.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

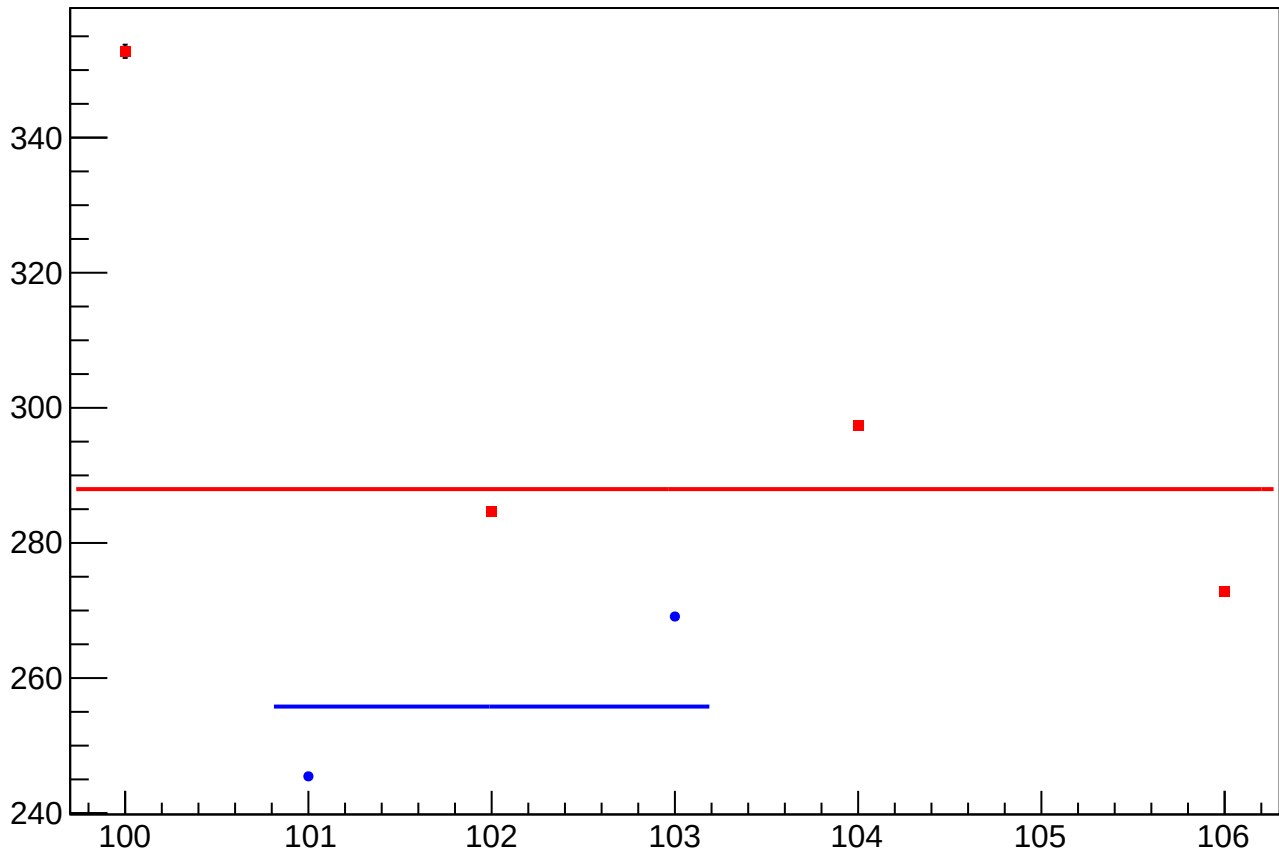
Right: -1506.696+/-164.570 χ^2/NDF : 743.8/5

In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1506.696+/-164.570 χ^2/NDF : 743.8/5

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.972+/-0.166 χ^2/NDF : 7460.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

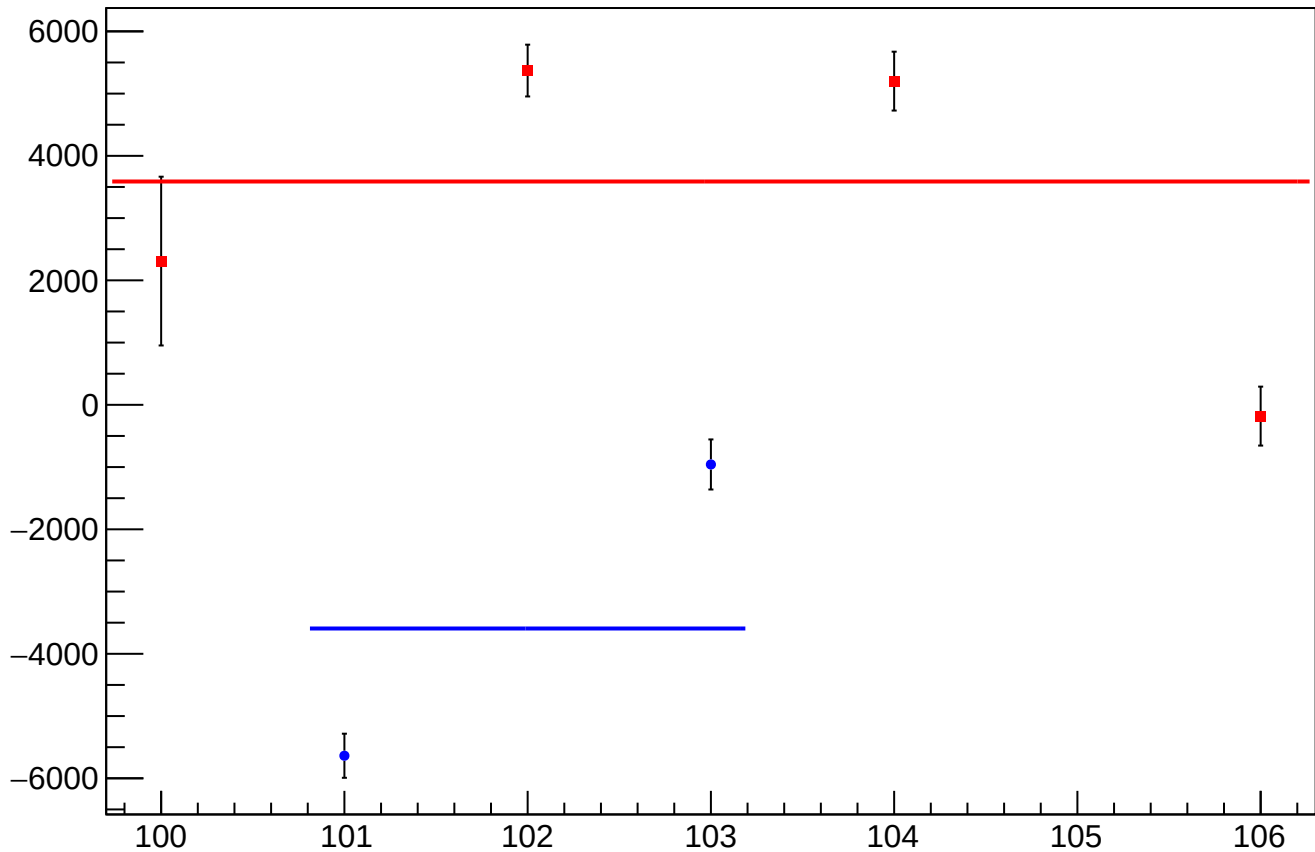
Right: 271.506+/-0.116 χ^2/NDF : 31781.6/5

In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.506+/-0.116 χ^2/NDF : 31781.6/5

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3587.886+/-256.044 χ^2/NDF : 94.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

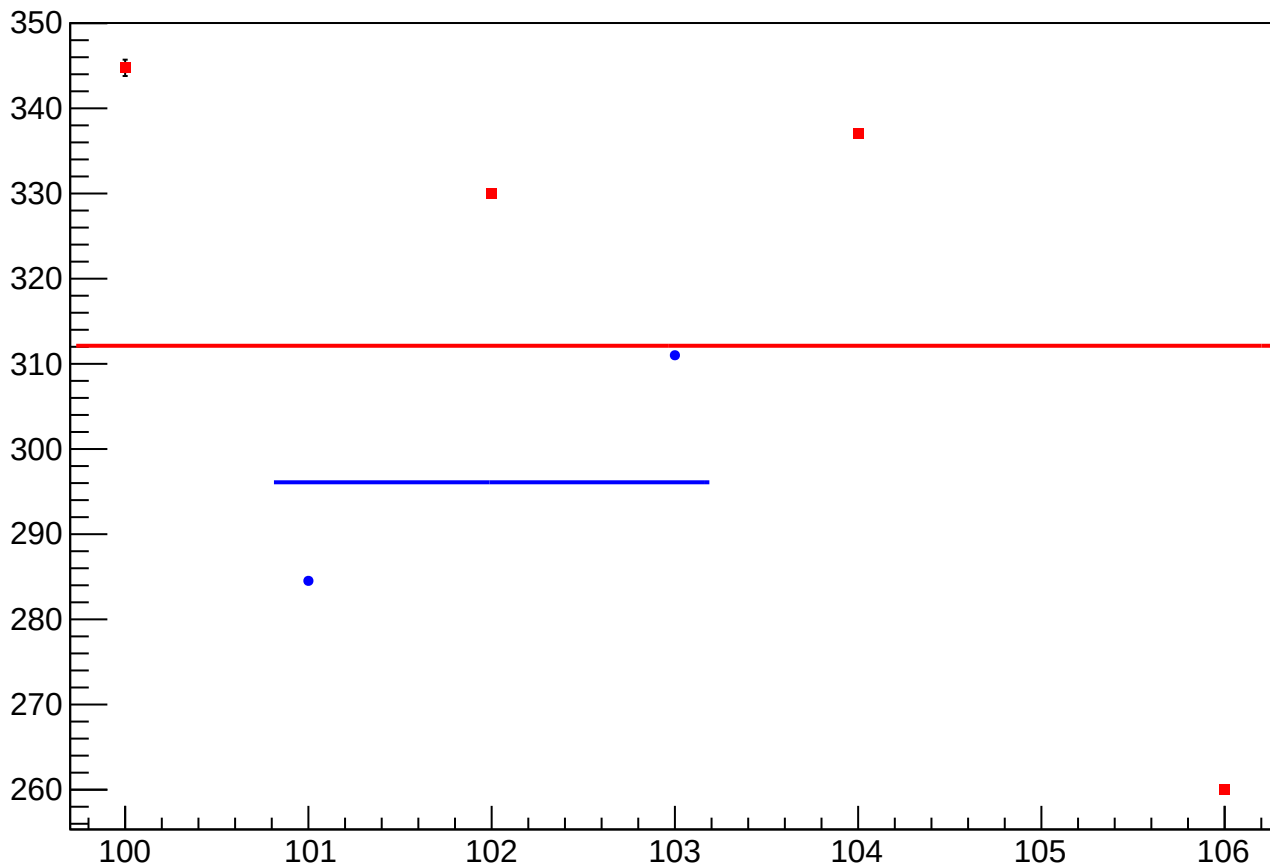
Right: 132.217+/-184.422 χ^2/NDF : 549.0/5

In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.217+/-184.422 χ^2/NDF : 549.0/5

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.123+/-0.181 χ^2/NDF : 34677.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

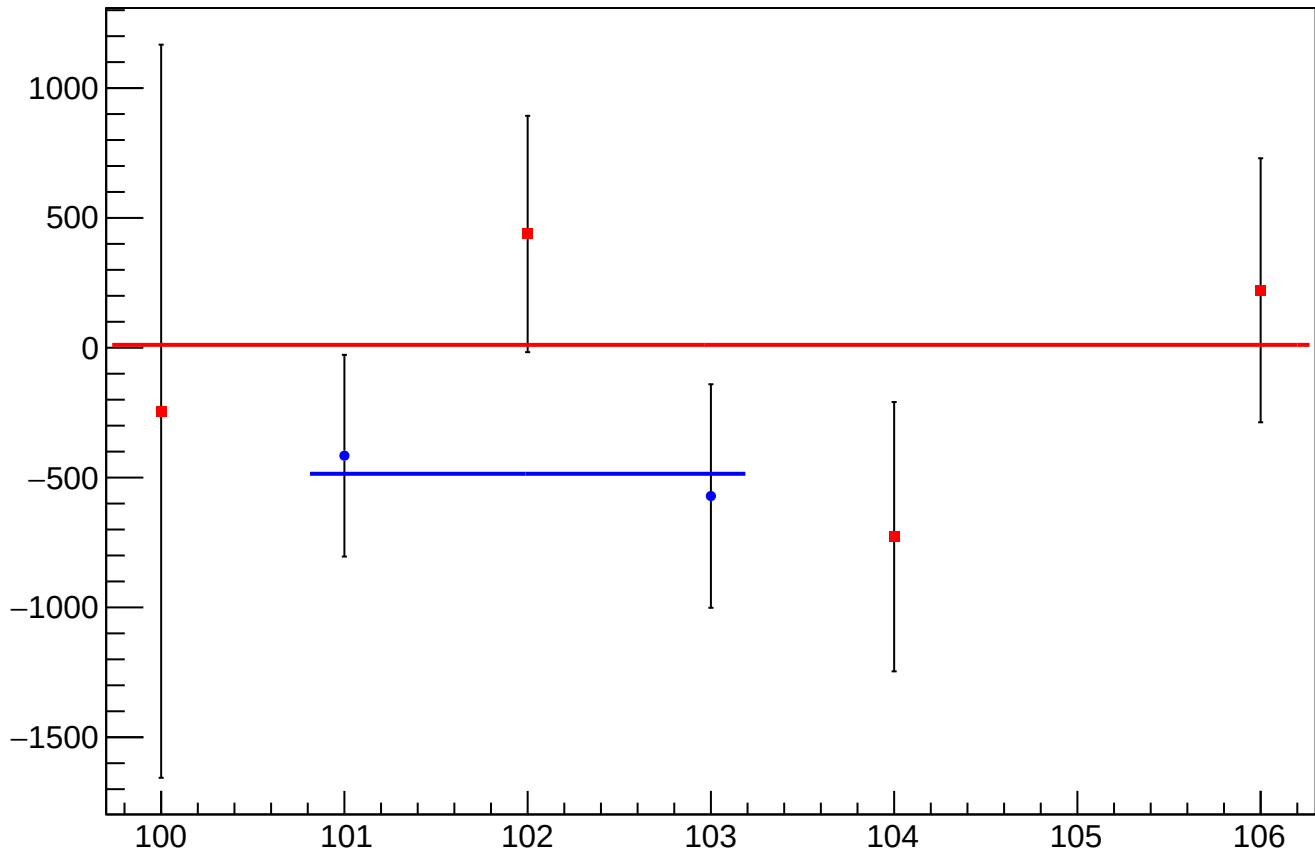
Right: 304.409+/-0.130 χ^2/NDF : 43333.6/5

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.409+/-0.130 χ^2/NDF : 43333.6/5

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.120 $\pm$ 278.238 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

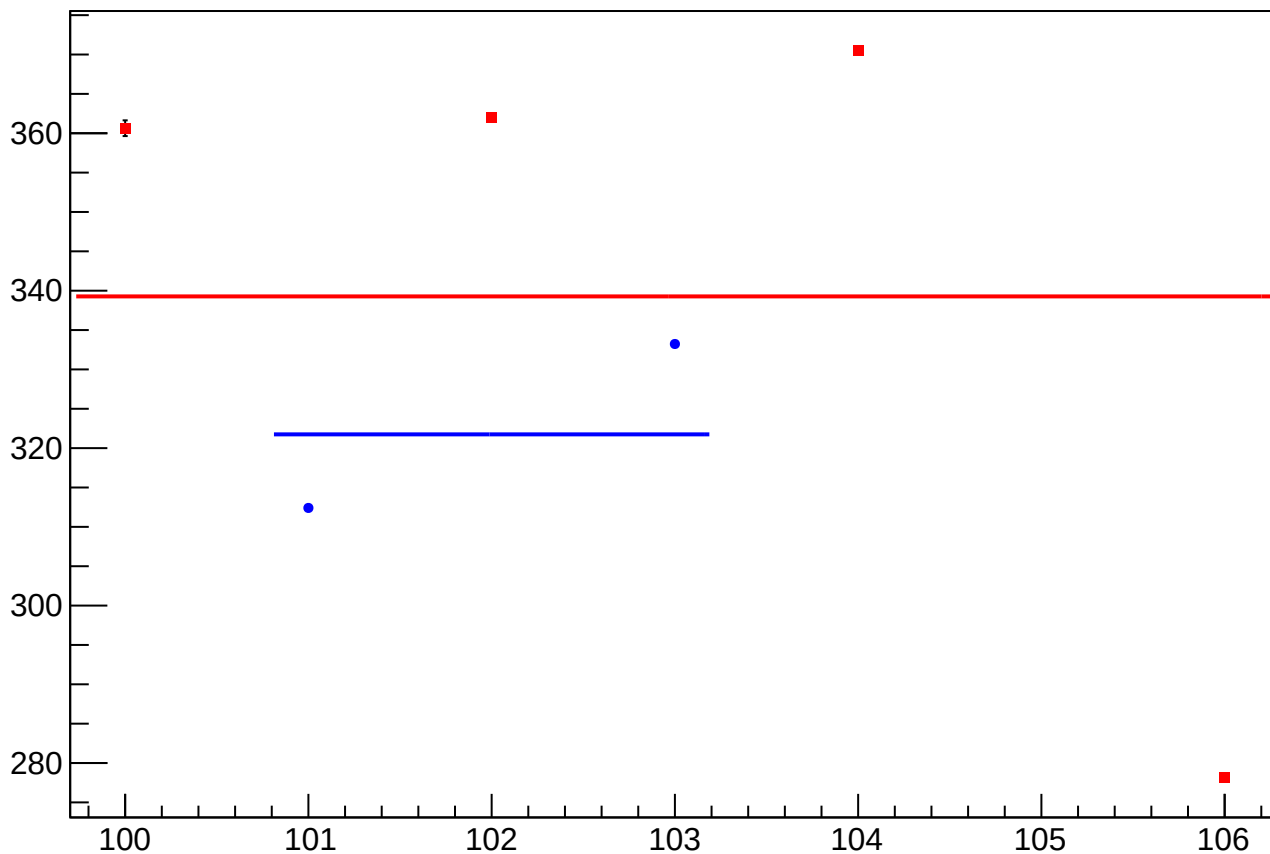
Right: -228.258 $\pm$ 200.232 χ^2 /NDF: 4.7/5

In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -228.258 $\pm$ 200.232 χ^2 /NDF: 4.7/5

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.274+/-0.197 χ^2/NDF : 41653.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

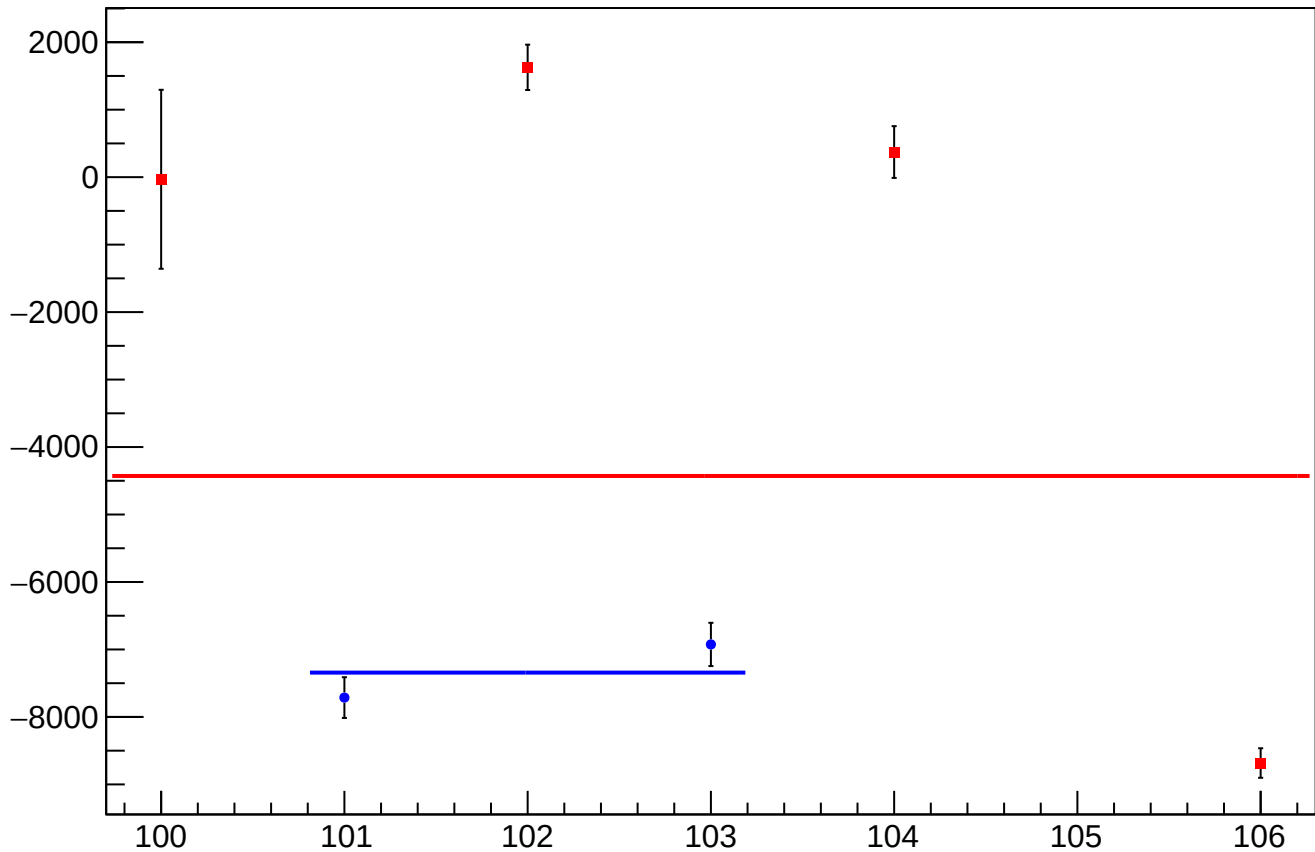
Right: 330.825+/-0.142 χ^2/NDF : 48059.3/5

In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.825+/-0.142 χ^2/NDF : 48059.3/5

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4428.587+/-164.183 χ^2/NDF : 870.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

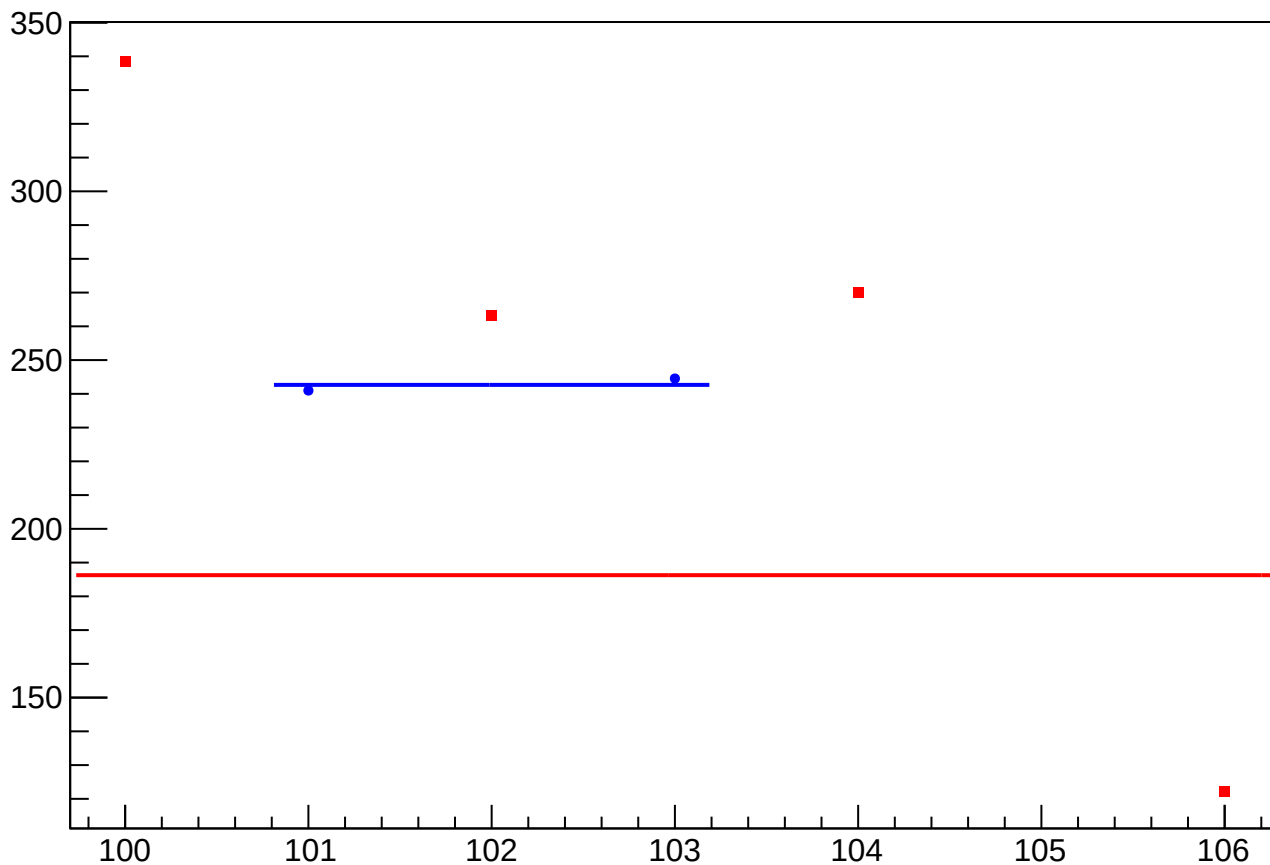
Right: -5472.821+/-131.520 χ^2/NDF : 986.6/5

In: -7342.948+/-219.717 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5472.821+/-131.520 χ^2/NDF : 986.6/5

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 242.652 ± 0.155 $\chi^2/\text{NDF}: 130.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 186.268 ± 0.116 $\chi^2/\text{NDF}: 397275.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

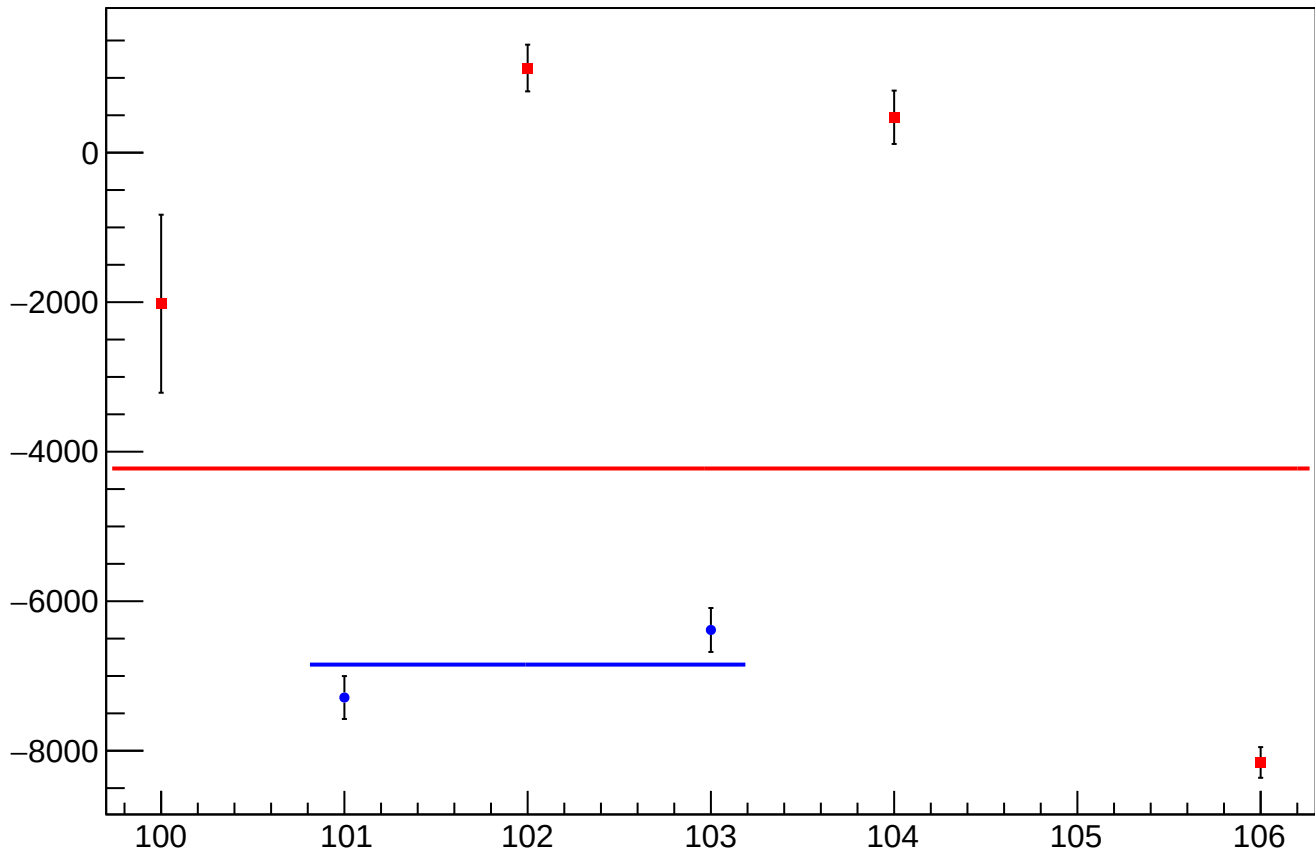
Right: 206.471 ± 0.093 $\chi^2/\text{NDF}: 481922.1/5$

In: 242.652 ± 0.155 $\chi^2/\text{NDF}: 130.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 206.471 ± 0.093 $\chi^2/\text{NDF}: 481922.1/5$

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -6847.678+/-205.284 χ^2/NDF : 4.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4224.675+/-153.306 χ^2/NDF : 837.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

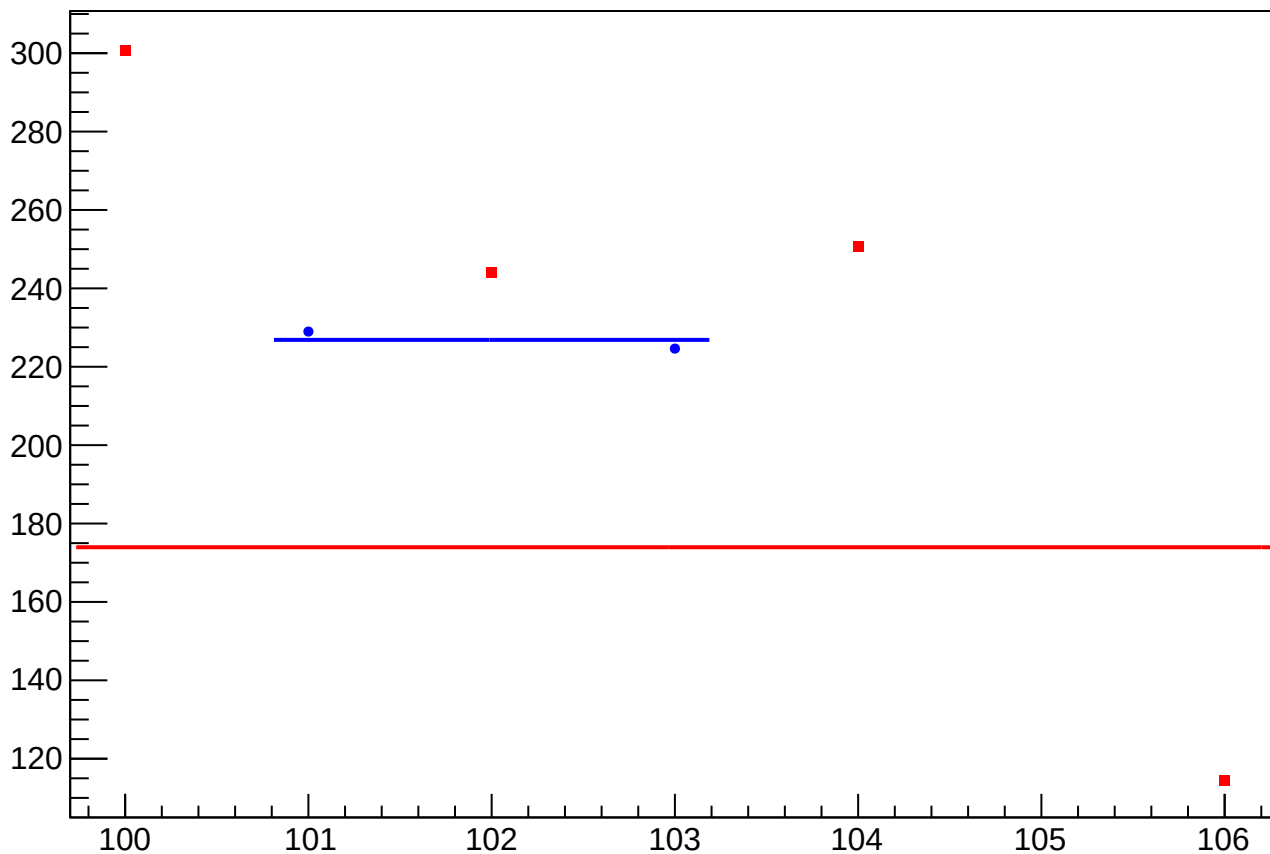
Right: -5163.795+/-122.833 χ^2/NDF : 947.5/5

In: -6847.678+/-205.284 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5163.795+/-122.833 χ^2/NDF : 947.5/5

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 226.860 $\pm$ 0.145 χ^2 /NDF: 223.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 173.953 $\pm$ 0.108 χ^2 /NDF: 383789.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

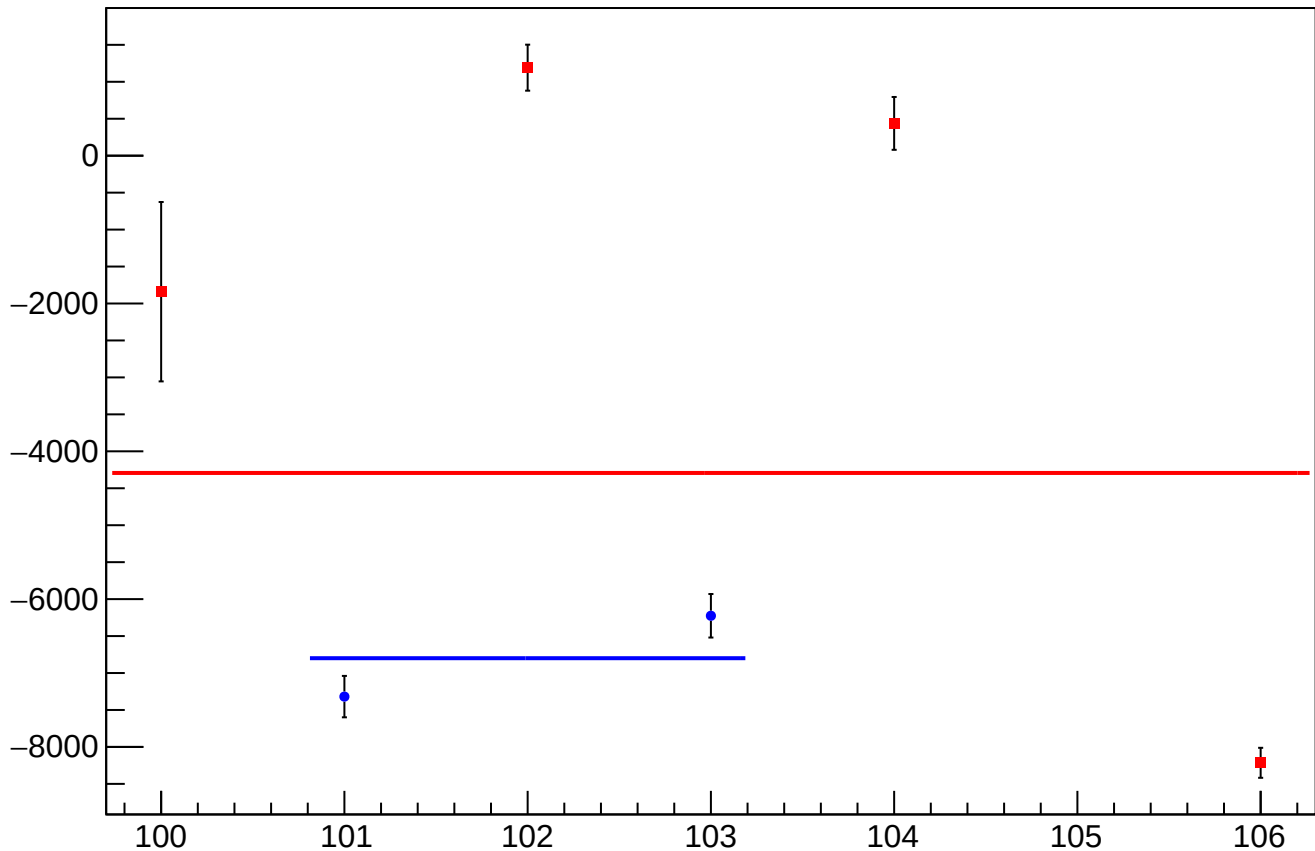
Right: 192.895 $\pm$ 0.087 χ^2 /NDF: 469294.7/5

In: 226.860 $\pm$ 0.145 χ^2 /NDF: 223.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.895 $\pm$ 0.087 χ^2 /NDF: 469294.7/5

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -6799.471+/-202.982 χ^2/NDF : 7.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4292.884+/-152.281 χ^2/NDF : 863.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

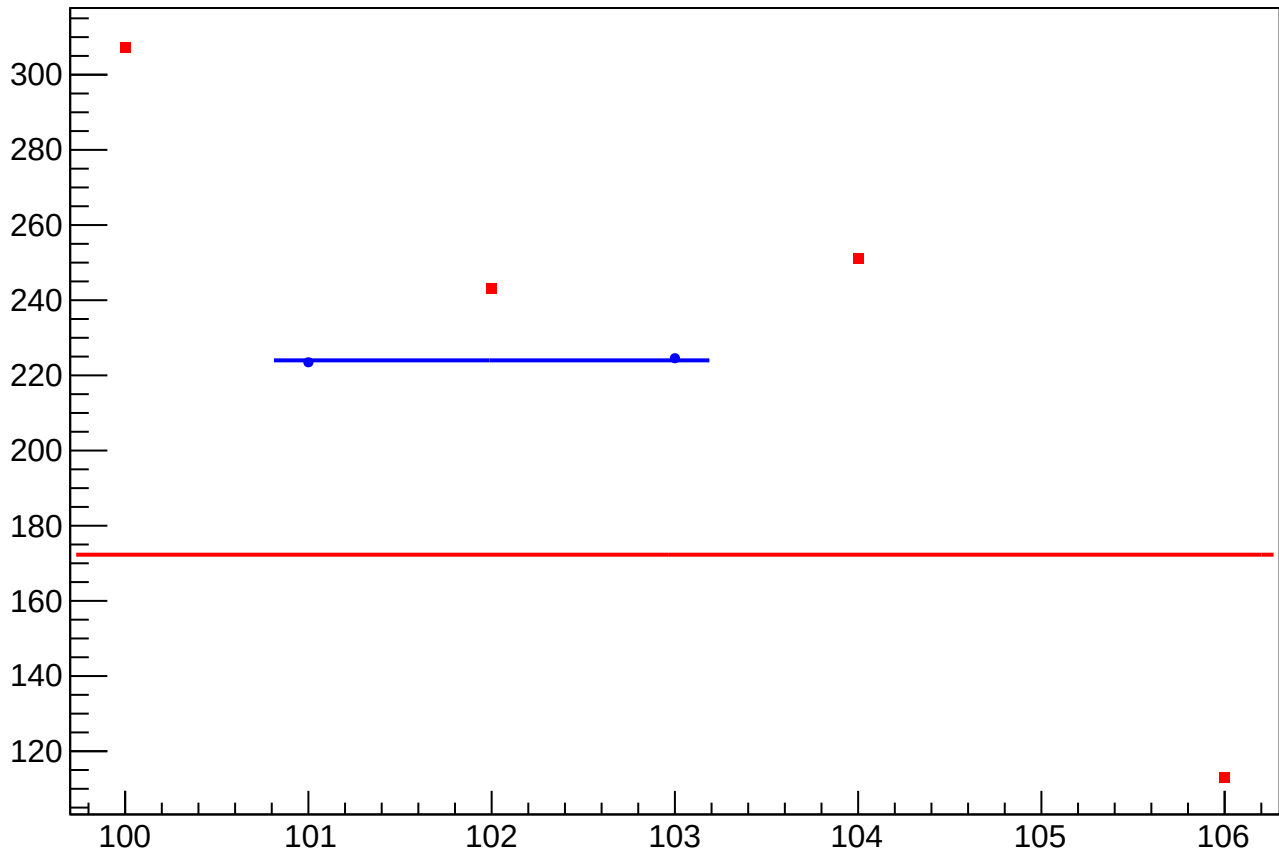
Right: -5195.595+/-121.812 χ^2/NDF : 968.1/5

In: -6799.471+/-202.982 χ^2/NDF : 7.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5195.595+/-121.812 χ^2/NDF : 968.1/5

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 223.996 $\pm$ 0.144 χ^2 /NDF: 14.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.290 $\pm$ 0.108 χ^2 /NDF: 395667.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

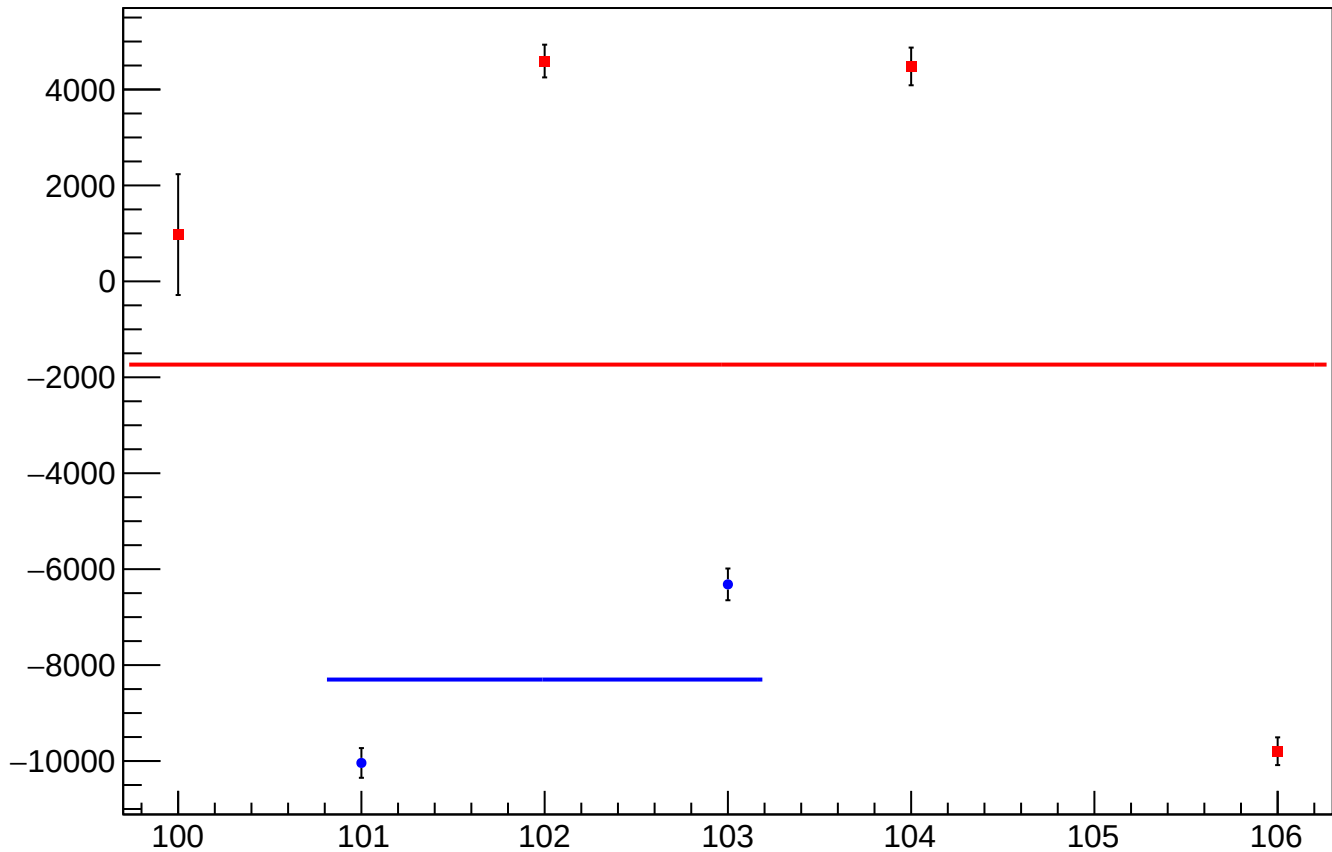
Right: 190.911 $\pm$ 0.086 χ^2 /NDF: 478720.5/5

In: 223.996 $\pm$ 0.144 χ^2 /NDF:14.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 190.911 $\pm$ 0.086 χ^2 /NDF: 478720.5/5

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -8301.559+/-226.159 χ^2/NDF : 67.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1735.236+/-190.191 χ^2/NDF : 1375.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

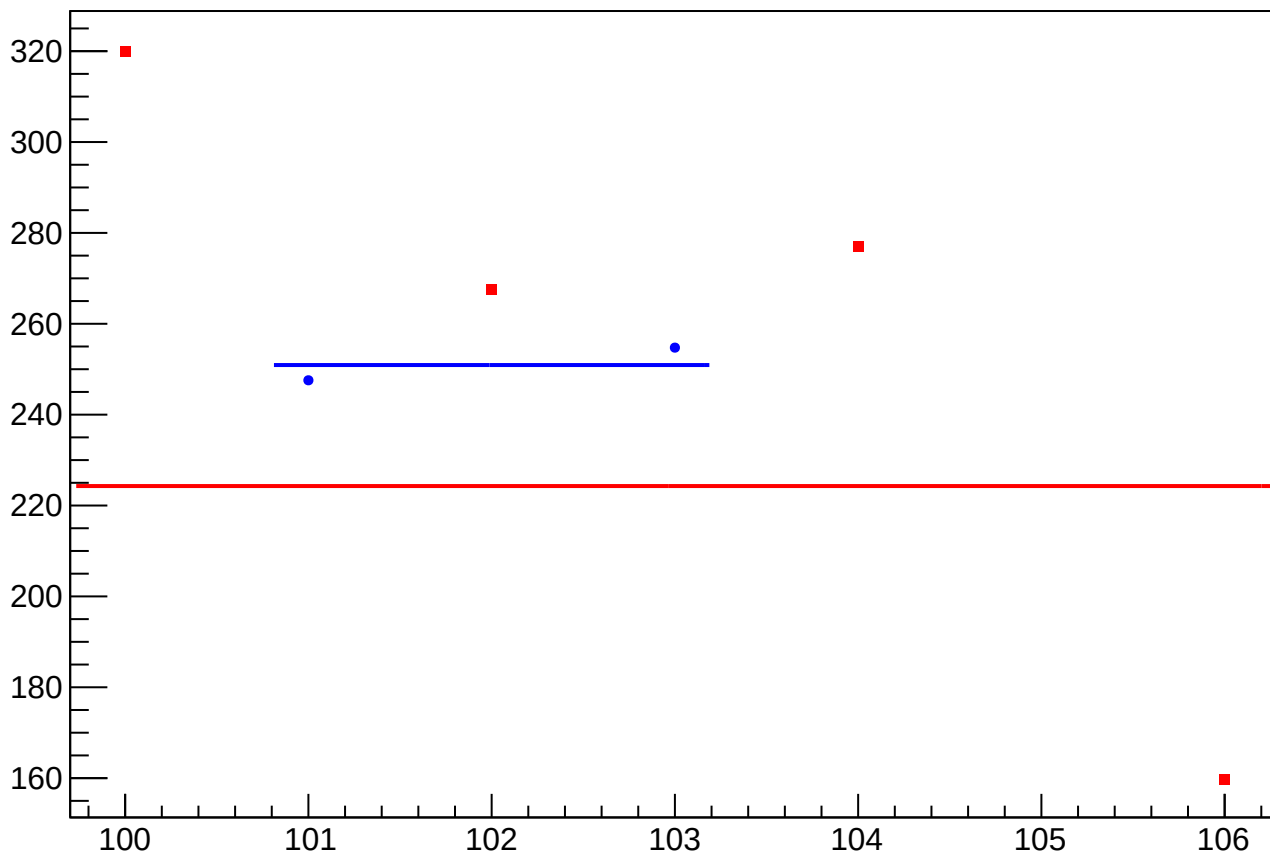
Right: -4455.353+/-145.561 χ^2/NDF : 1936.4/5

In: -8301.559+/-226.159 χ^2/NDF : 67.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4455.353+/-145.561 χ^2/NDF : 1936.4/5

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 250.920 $\pm$ 0.160 χ^2 /NDF: 502.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 224.286 $\pm$ 0.134 χ^2 /NDF: 179505.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

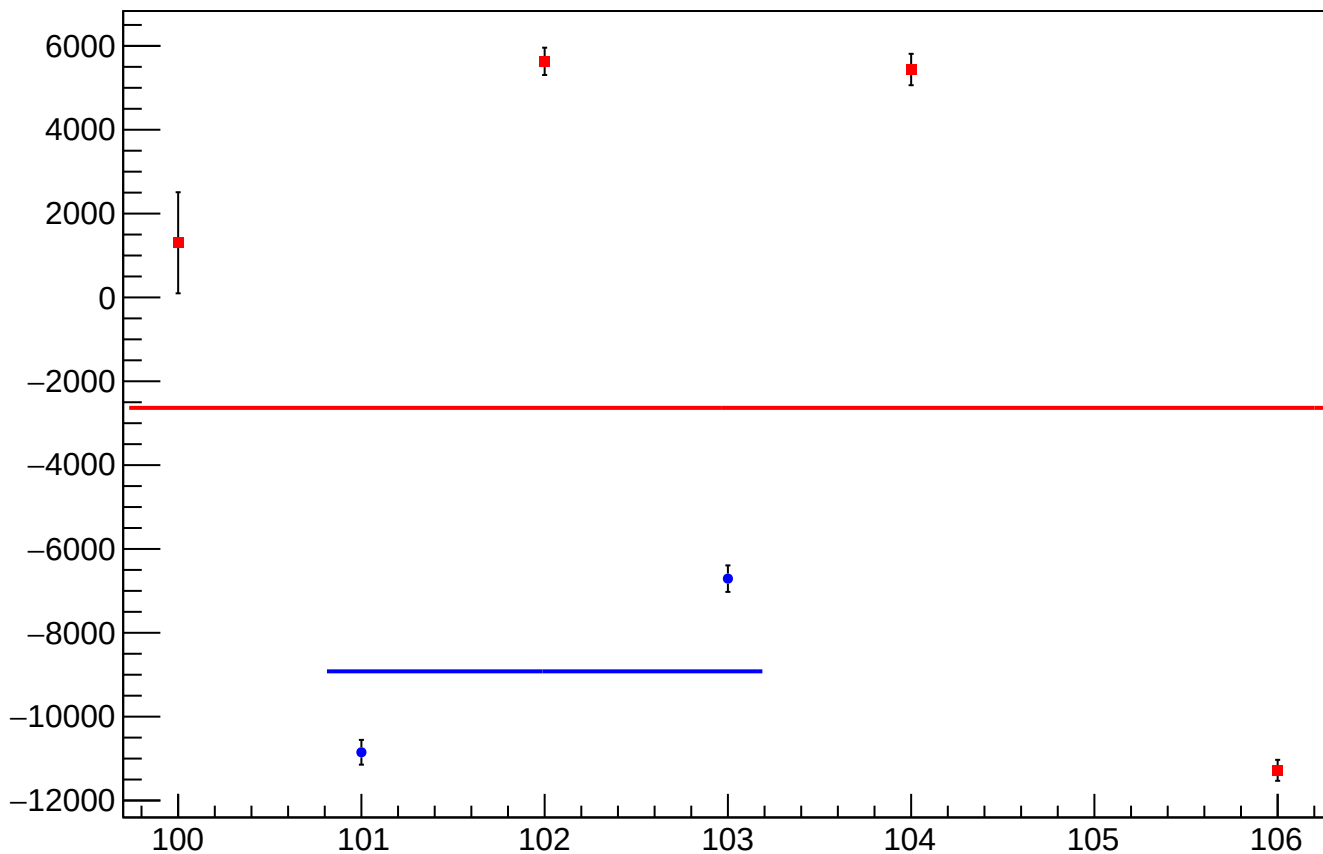
Right: 235.319 $\pm$ 0.103 χ^2 /NDF: 196255.1/5

In: 250.920 $\pm$ 0.160 χ^2 /NDF: 502.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.319 $\pm$ 0.103 χ^2 /NDF: 196255.1/5

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -8919.485+/-215.877 χ^2/NDF : 91.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2634.218+/-173.438 χ^2/NDF : 2315.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

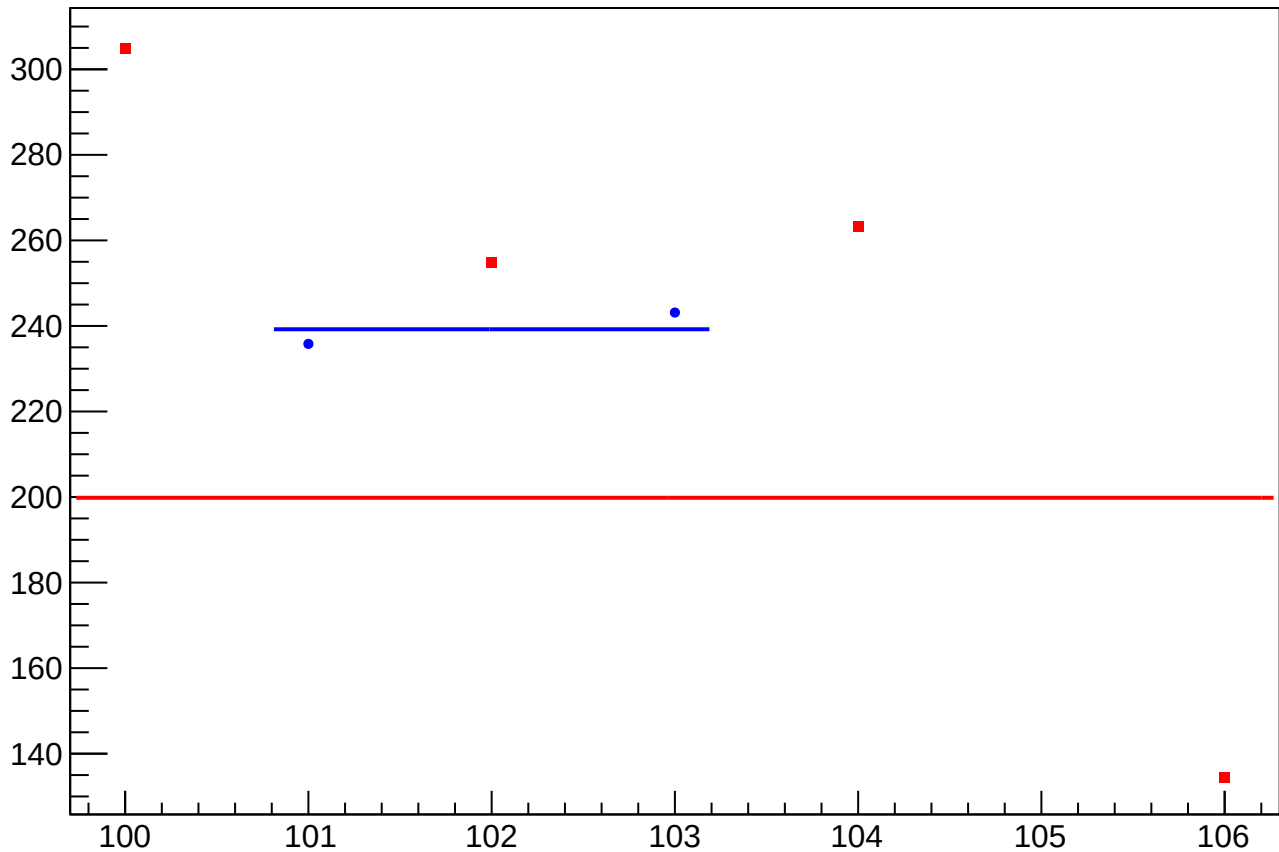
Right: -5099.744+/-135.207 χ^2/NDF : 2922.0/5

In: -8919.485+/-215.877 χ^2/NDF : 91.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5099.744+/-135.207 χ^2/NDF : 2922.0/5

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 239.224+/-0.153 χ^2/NDF : 572.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.831+/-0.123 χ^2/NDF : 266134.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

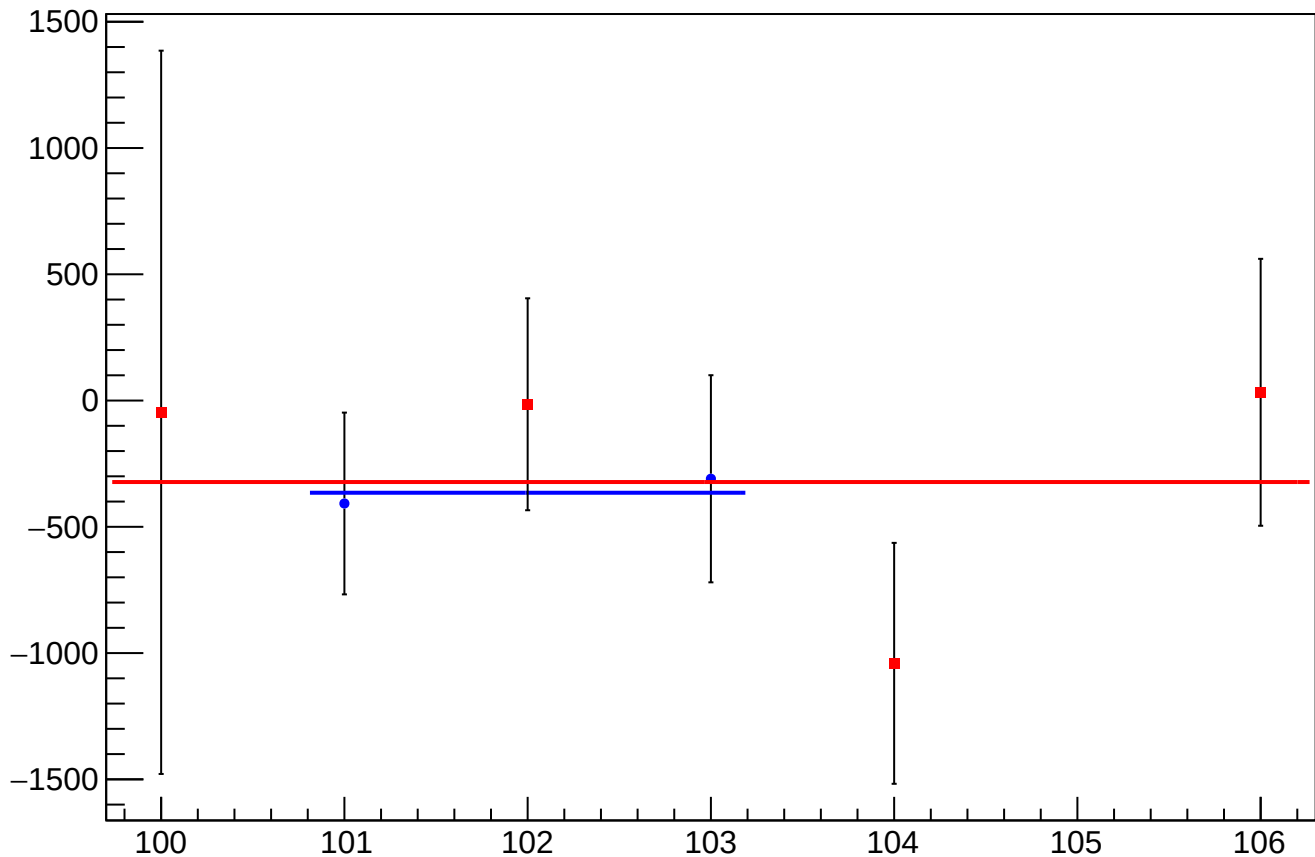
Right: 215.284+/-0.096 χ^2/NDF : 307179.4/5

In: 239.224+/-0.153 χ^2/NDF : 572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.284+/-0.096 χ^2/NDF : 307179.4/5

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -365.065+/-270.513 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -322.646+/-265.932 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

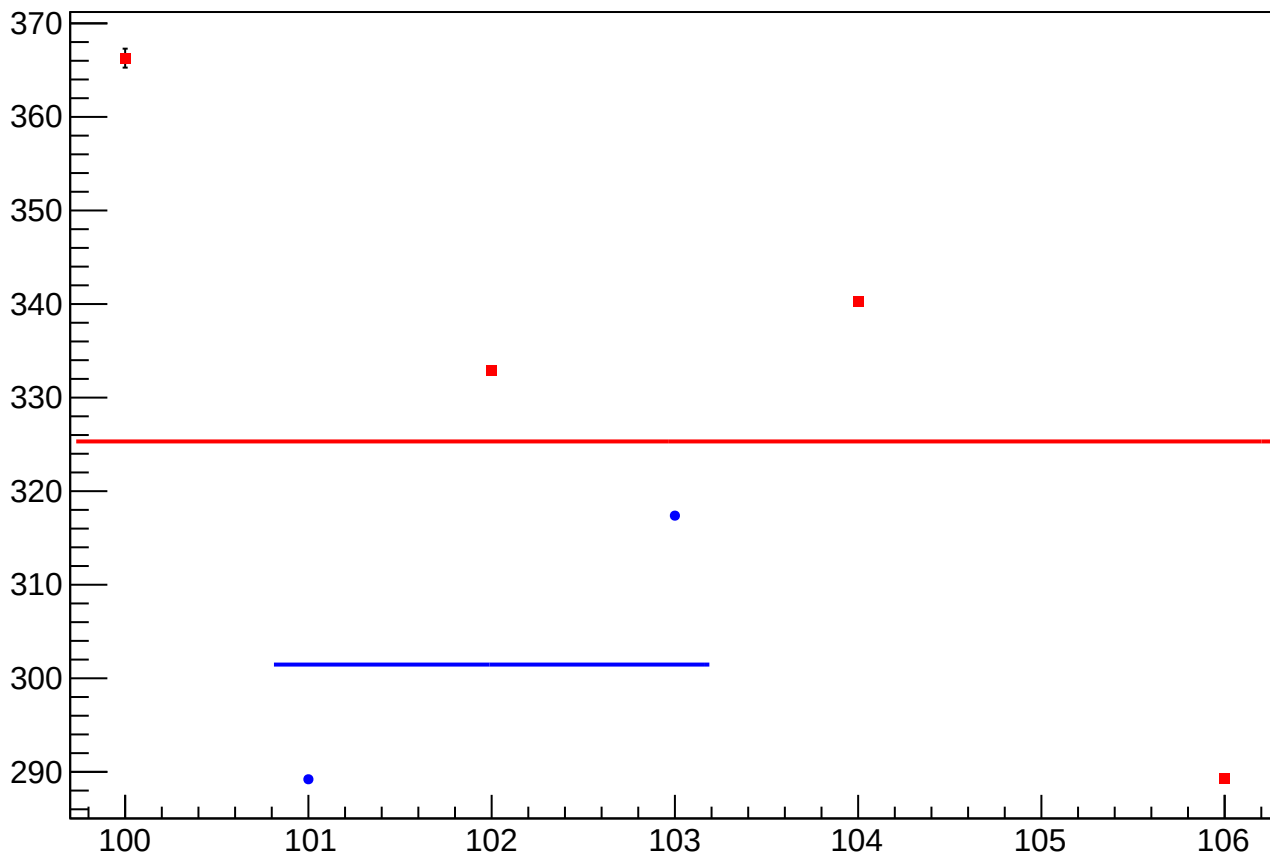
Right: -343.493+/-189.641 χ^2/NDF : 3.3/5

In: -365.065+/-270.513 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -343.493+/-189.641 χ^2/NDF : 3.3/5

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 301.467+/-0.191 χ^2/NDF : 5332.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 325.316+/-0.188 χ^2/NDF : 13539.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

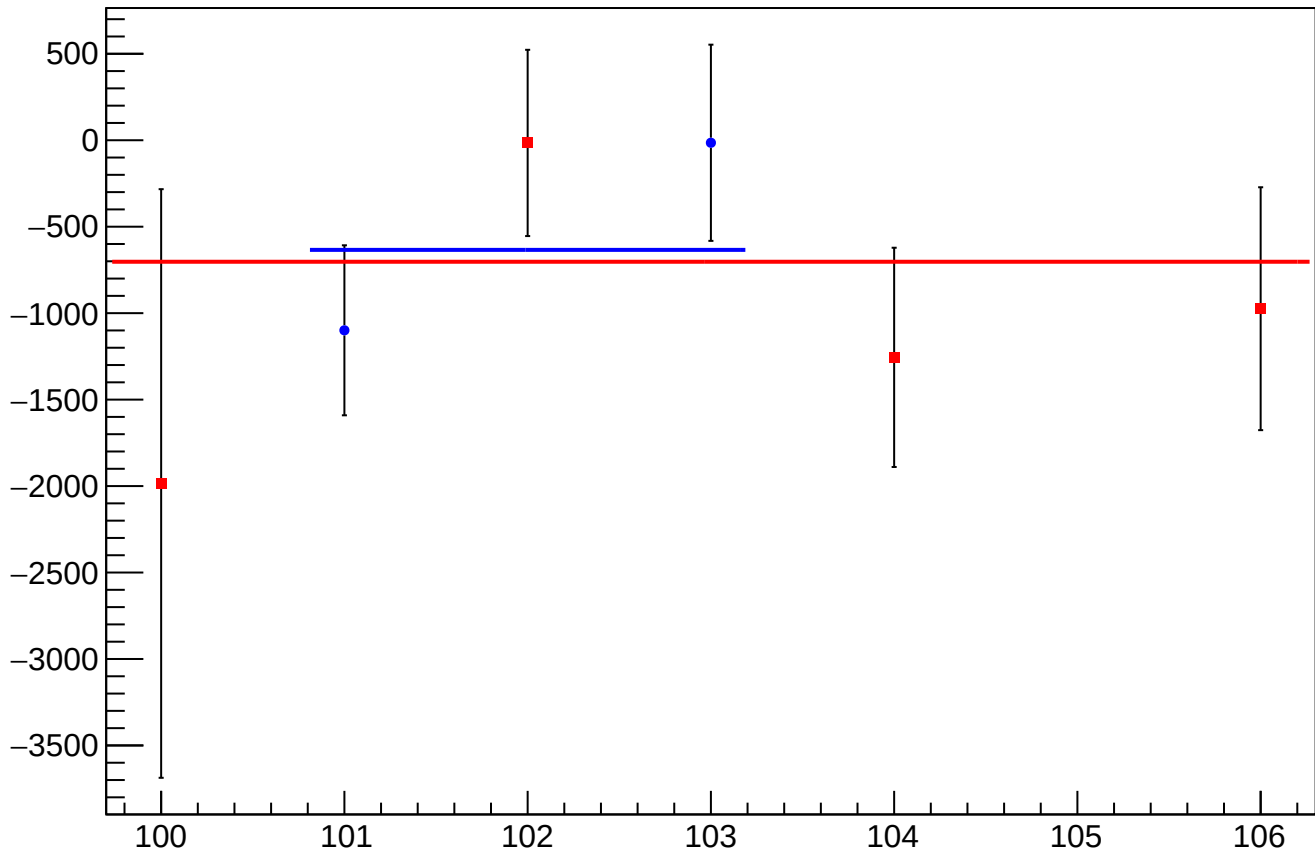
Right: 313.595+/-0.134 χ^2/NDF : 26777.0/5

In: 301.467+/-0.191 χ^2/NDF : 5332.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.595+/-0.134 χ^2/NDF : 26777.0/5

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -634.023+/-371.532 χ^2 /NDF: 2.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -702.689+/-346.931 χ^2 /NDF: 3.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

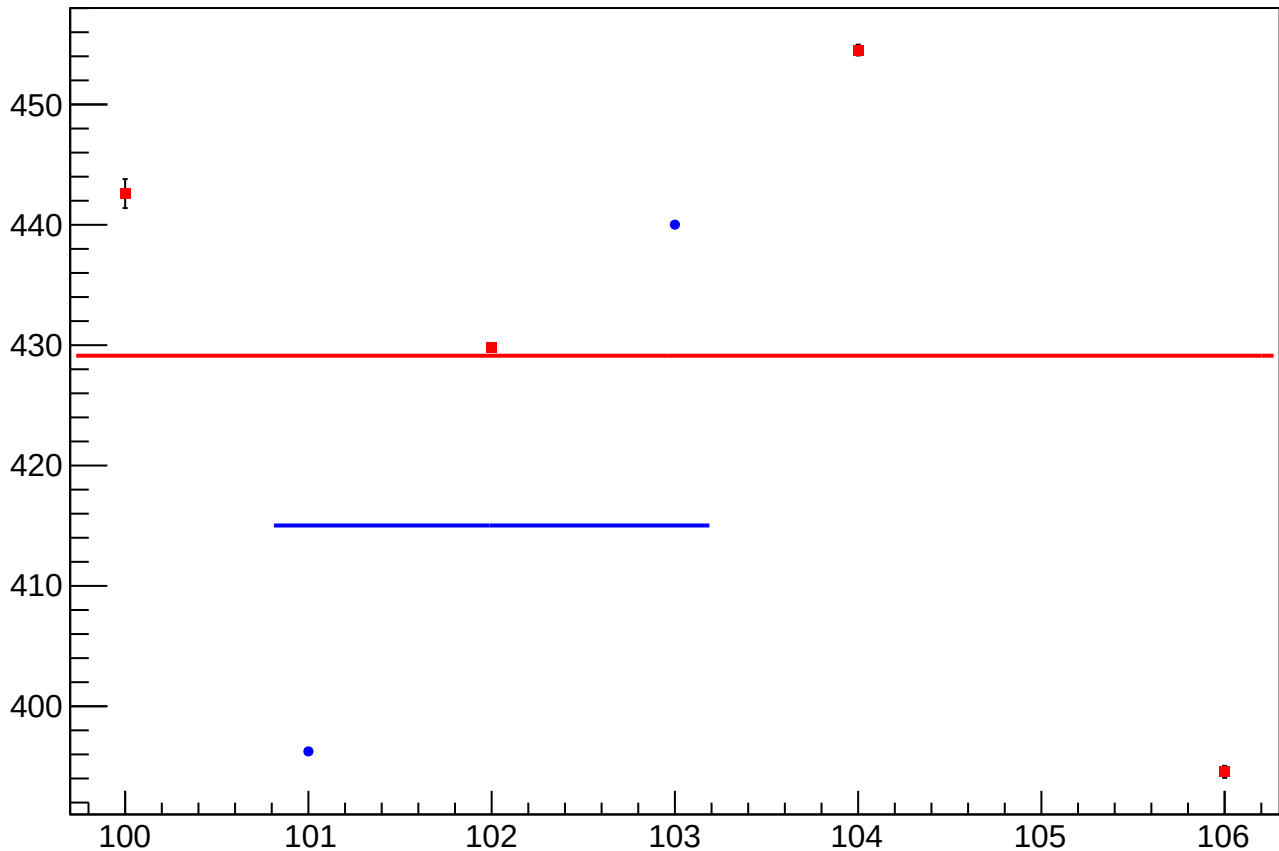
Right: -670.704+/-253.569 χ^2 /NDF: 5.2/5

In: -634.023+/-371.532 χ^2 /NDF:2.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -670.704+/-253.569 χ^2 /NDF: 5.2/5

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 415.020 $\pm$ 0.263 χ^2 /NDF: 6797.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 429.125 $\pm$ 0.245 χ^2 /NDF: 8183.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

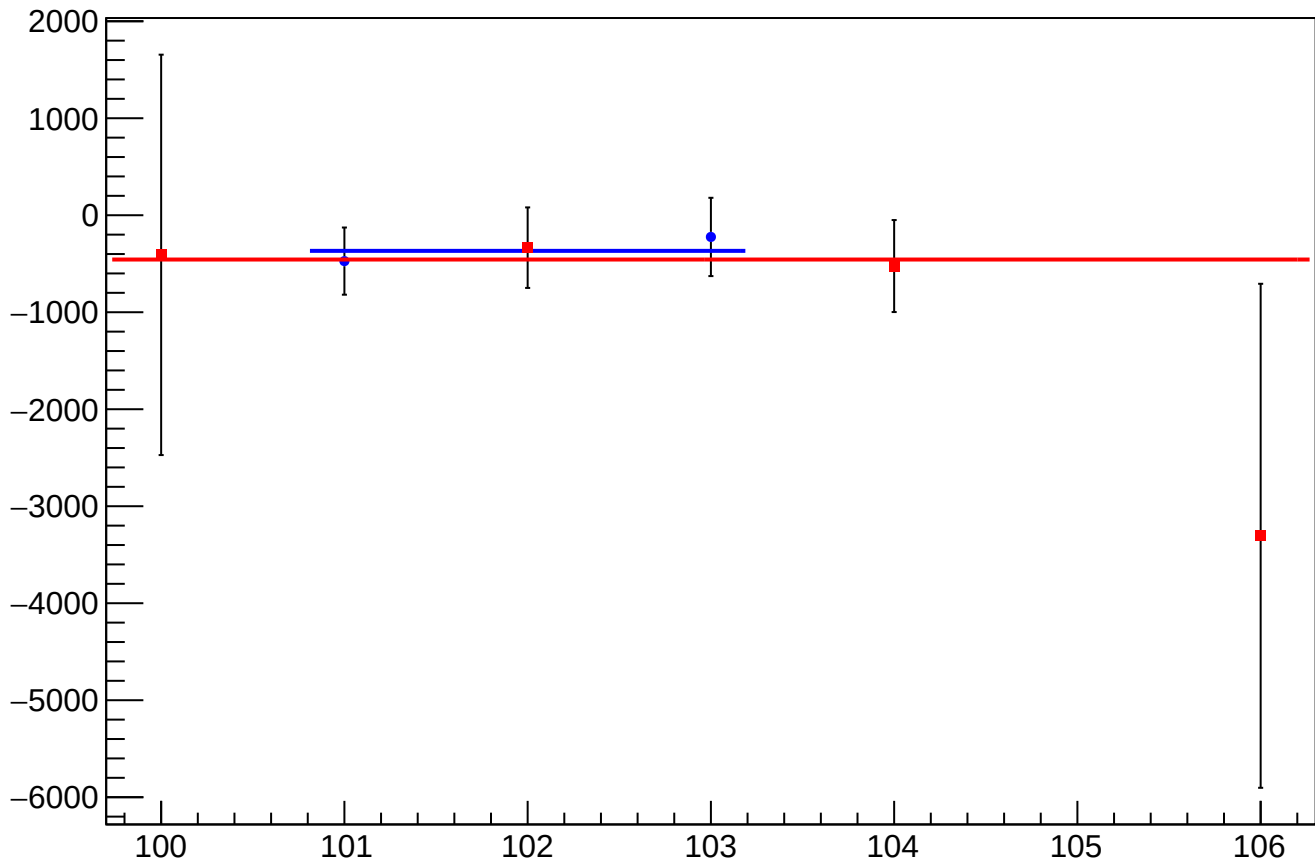
Right: 422.555 $\pm$ 0.179 χ^2 /NDF: 16520.4/5

In: 415.020 $\pm$ 0.263 χ^2 /NDF:6797.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 422.555 $\pm$ 0.179 χ^2 /NDF: 16520.4/5

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -367.313+/-262.788 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -456.670+/-306.666 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

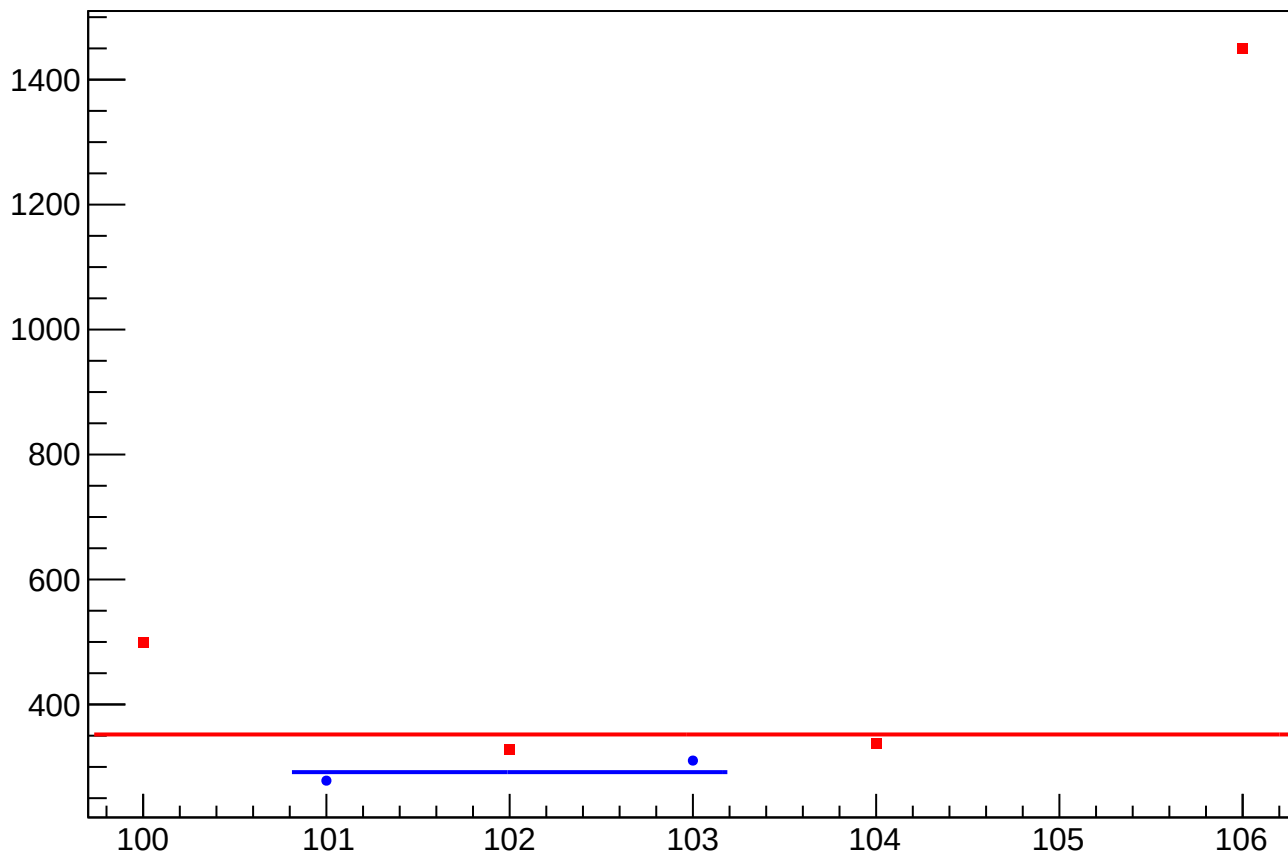
Right: -405.147+/-199.546 χ^2/NDF : 1.6/5

In: -367.313+/-262.788 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -405.147+/-199.546 χ^2/NDF : 1.6/5

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 291.669+/-0.186 χ^2/NDF : 7294.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.961+/-0.217 χ^2/NDF : 375149.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

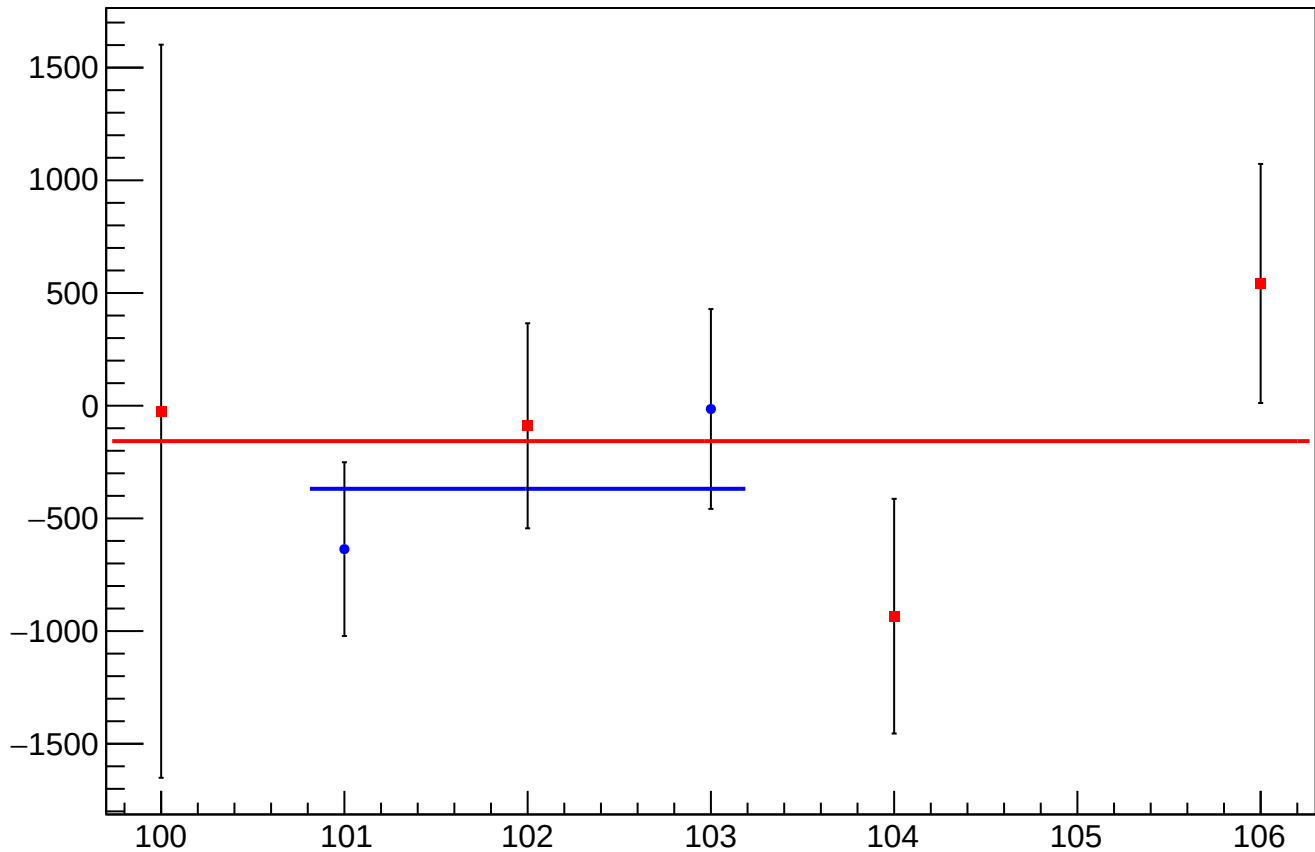
Right: 317.197+/-0.141 χ^2/NDF : 427018.8/5

In: 291.669+/-0.186 χ^2/NDF : 7294.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.197+/-0.141 χ^2/NDF : 427018.8/5

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -368.689 ± 290.927 $\chi^2/\text{NDF}: 1.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -157.208 ± 283.362 $\chi^2/\text{NDF}: 4.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

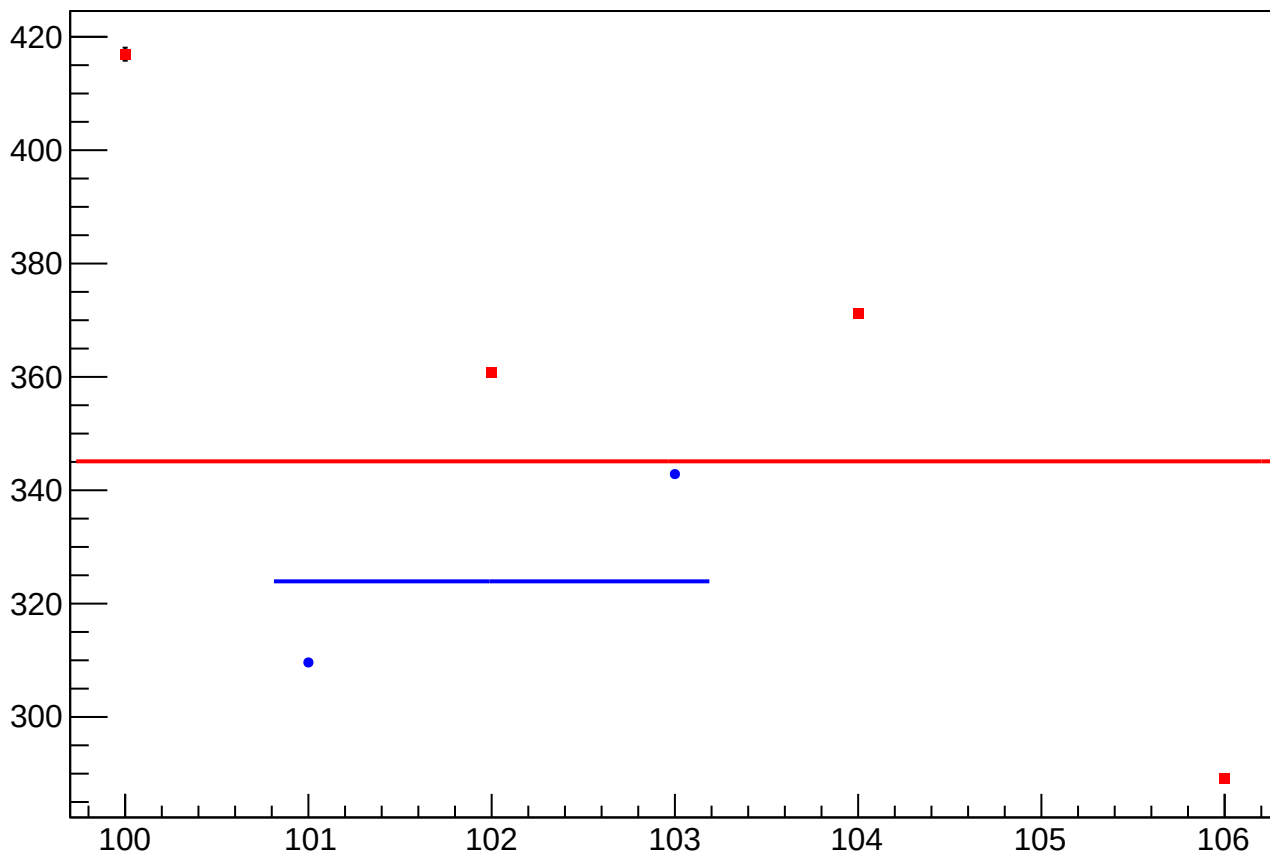
Right: -260.163 ± 202.989 $\chi^2/\text{NDF}: 5.4/5$

In: -368.689 ± 290.927 $\chi^2/\text{NDF}: 1.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -260.163 ± 202.989 $\chi^2/\text{NDF}: 5.4/5$

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 323.930+/-0.206 χ^2/NDF : 6398.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 345.104+/-0.200 χ^2/NDF : 33570.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

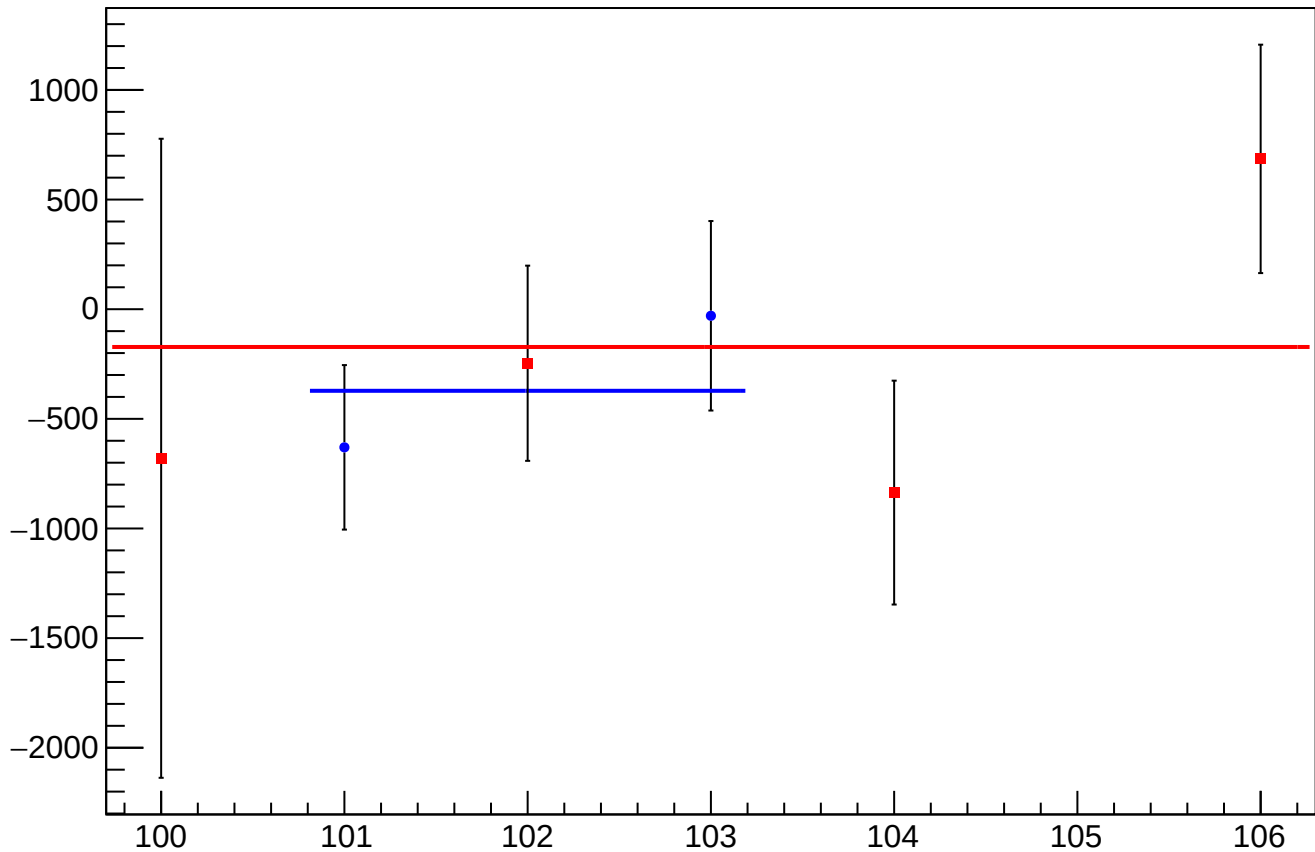
Right: 334.796+/-0.144 χ^2/NDF : 45406.3/5

In: 323.930+/-0.206 χ^2/NDF : 6398.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.796+/-0.144 χ^2/NDF : 45406.3/5

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -372.109+/-283.266 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -172.254+/-276.906 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

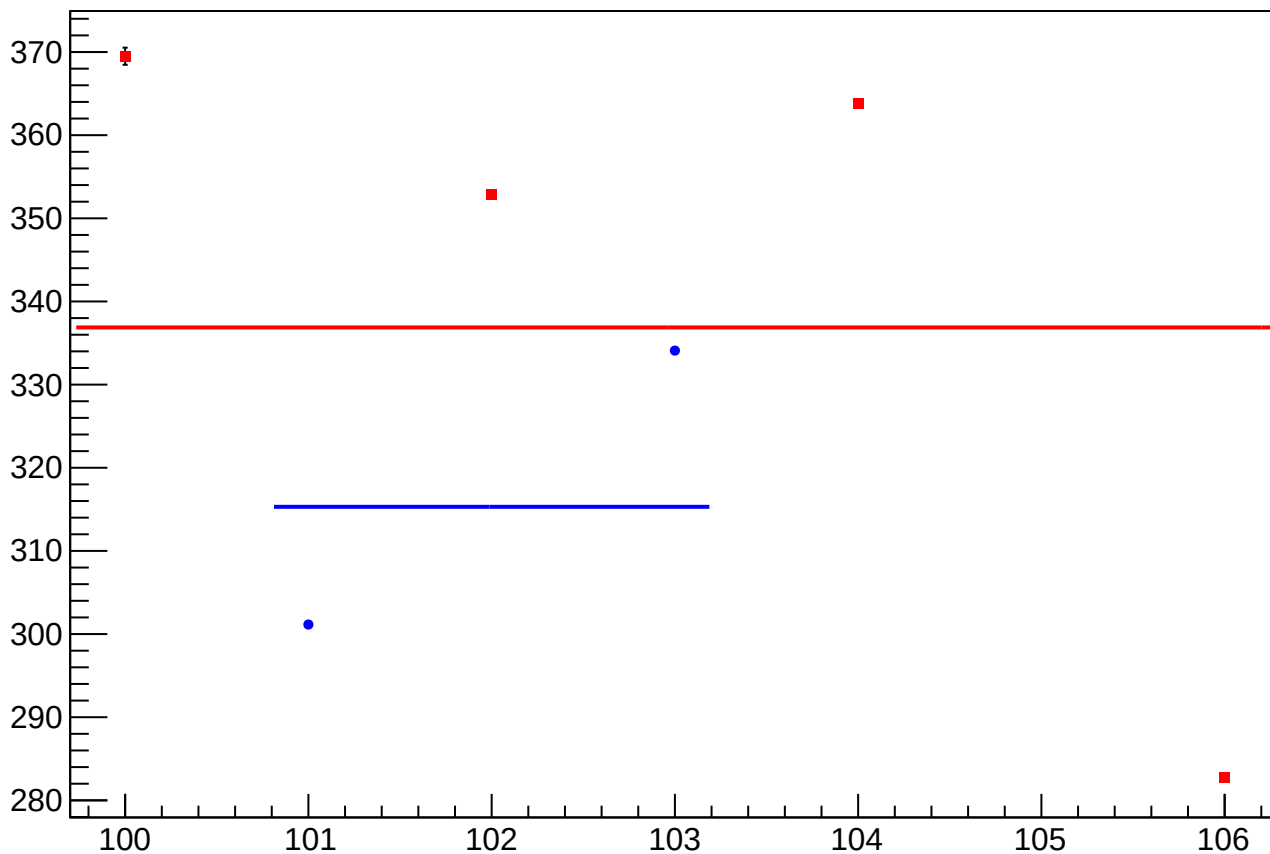
Right: -269.913+/-198.012 χ^2/NDF : 5.9/5

In: -372.109+/-283.266 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -269.913+/-198.012 χ^2/NDF : 5.9/5

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 315.304+/-0.200 χ^2/NDF : 6630.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.878+/-0.196 χ^2/NDF : 30788.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

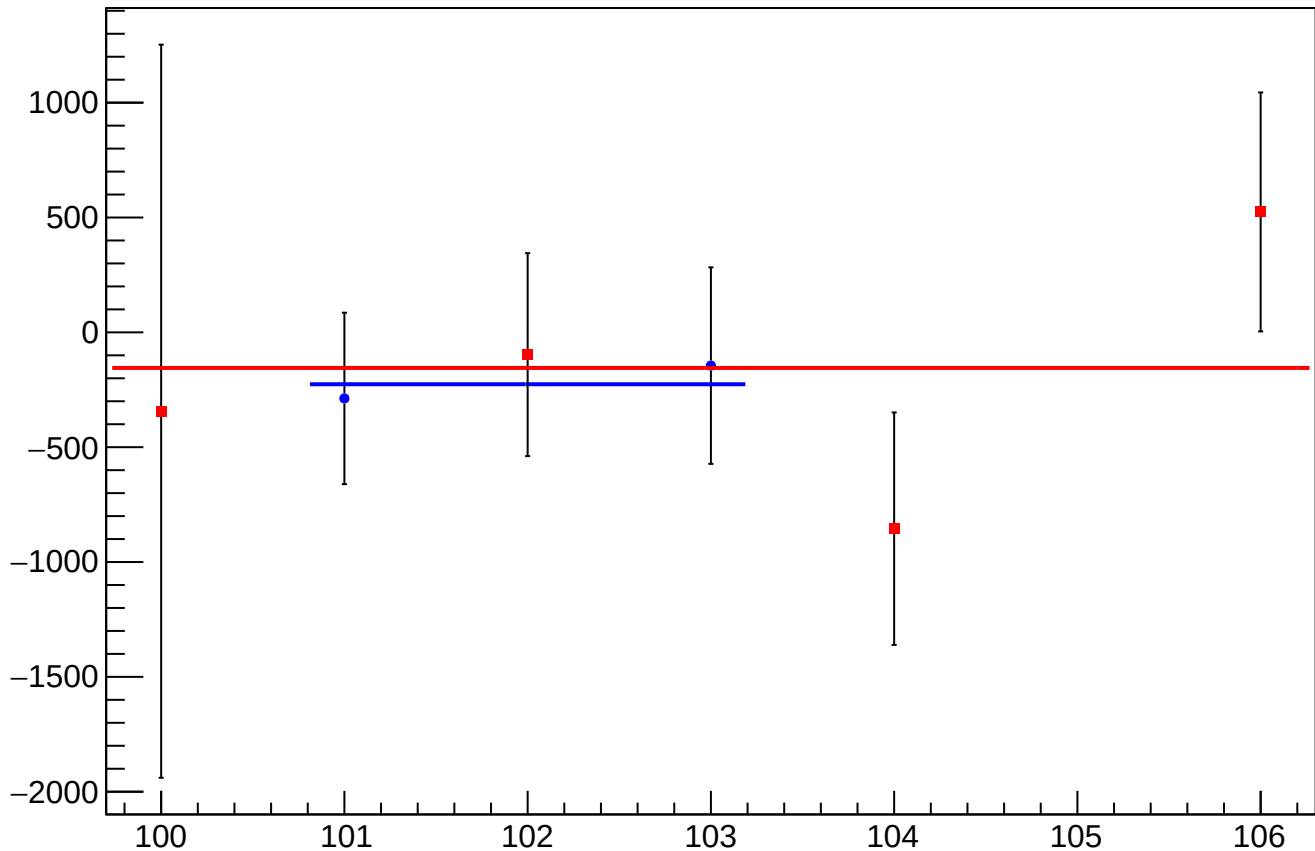
Right: 326.336+/-0.140 χ^2/NDF : 43351.9/5

In: 315.304+/-0.200 χ^2/NDF : 6630.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.336+/-0.140 χ^2/NDF : 43351.9/5

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -225.929 $\pm$ 281.286 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -154.973 $\pm$ 276.154 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

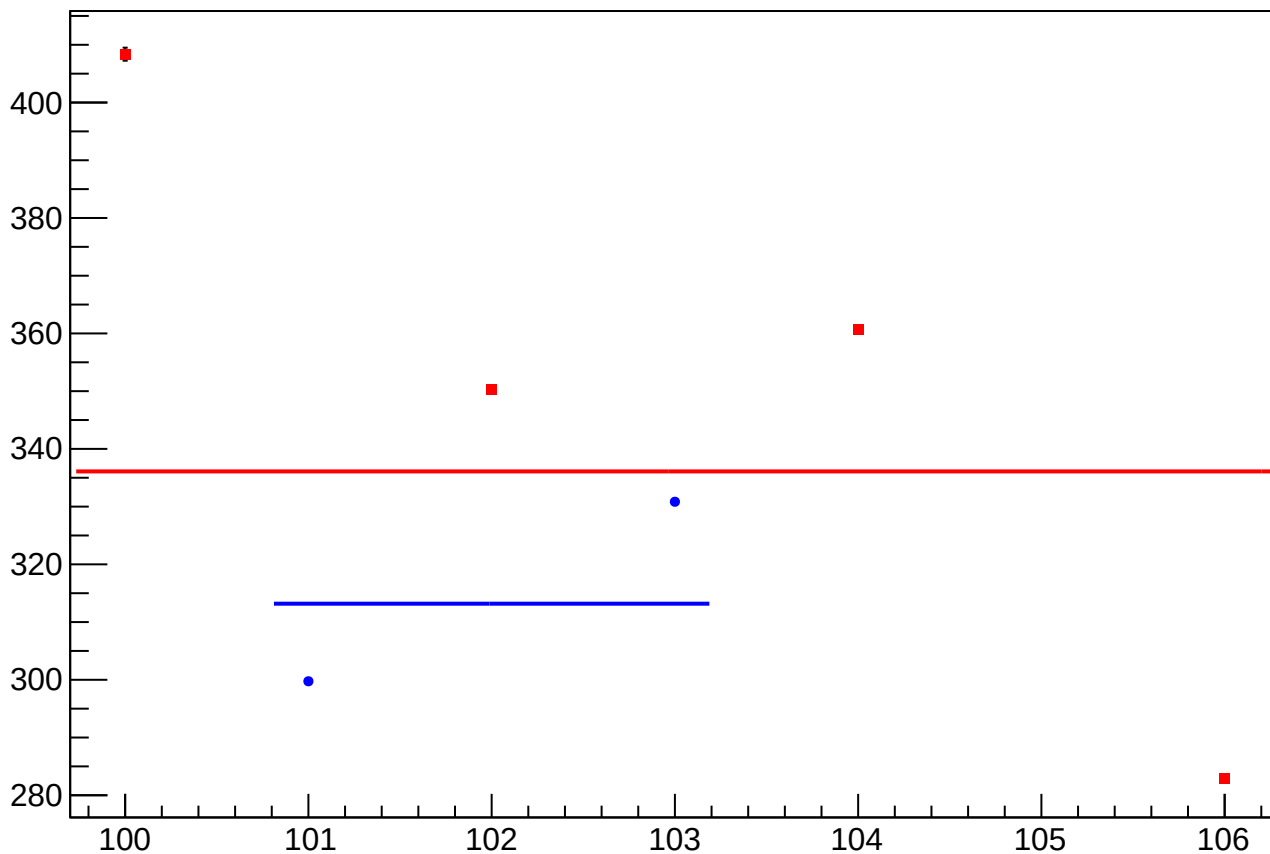
Right: -189.798 $\pm$ 197.060 χ^2 /NDF: 3.7/5

In: -225.929 $\pm$ 281.286 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -189.798 $\pm$ 197.060 χ^2 /NDF: 3.7/5

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 313.184 $\pm$ 0.199 χ^2 /NDF: 5997.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 336.100 $\pm$ 0.195 χ^2 /NDF: 31791.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

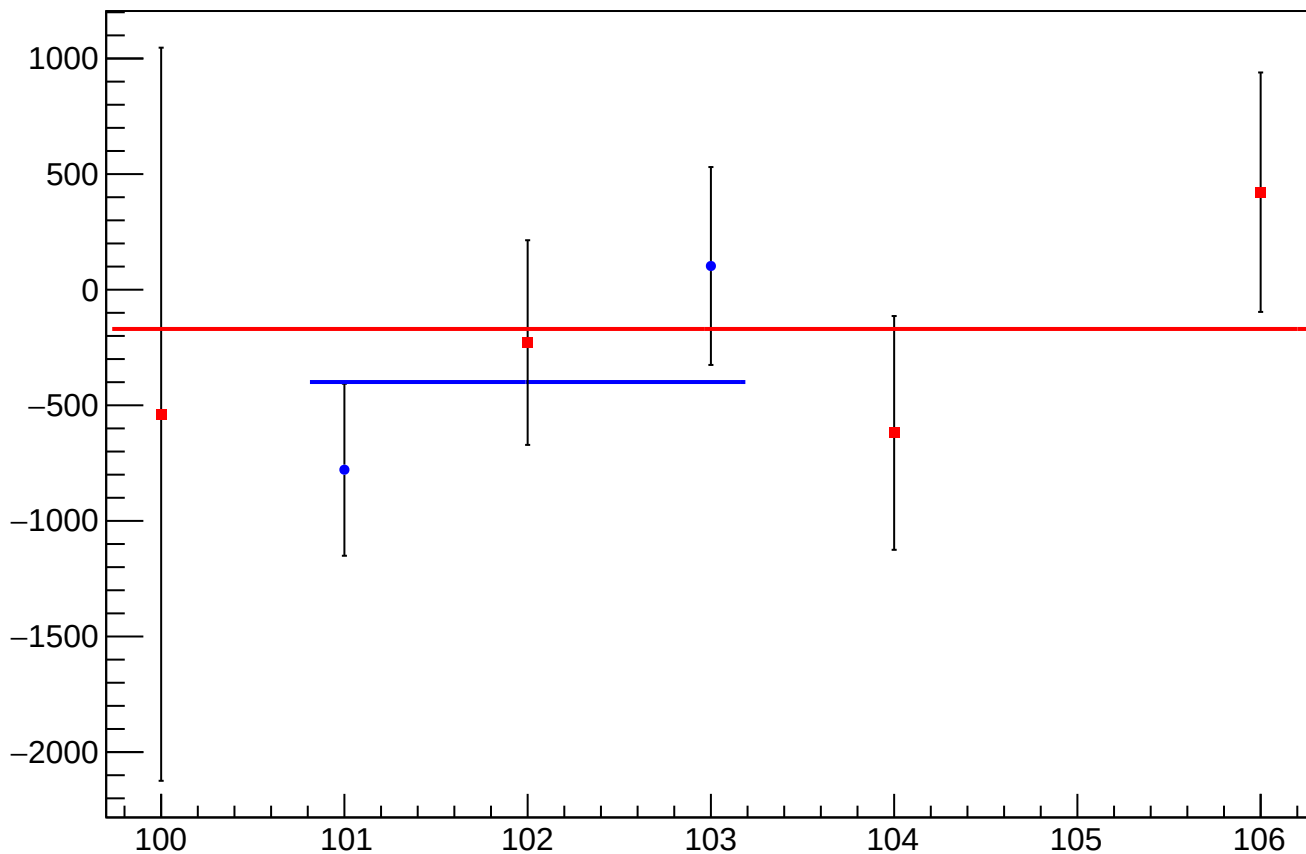
Right: 324.853 $\pm$ 0.139 χ^2 /NDF: 44547.5/5

In: 313.184 $\pm$ 0.199 χ^2 /NDF:5997.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 324.853 $\pm$ 0.139 χ^2 /NDF: 44547.5/5

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -399.310+/-280.814 χ^2 /NDF: 2.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -169.791+/-275.832 χ^2 /NDF: 2.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

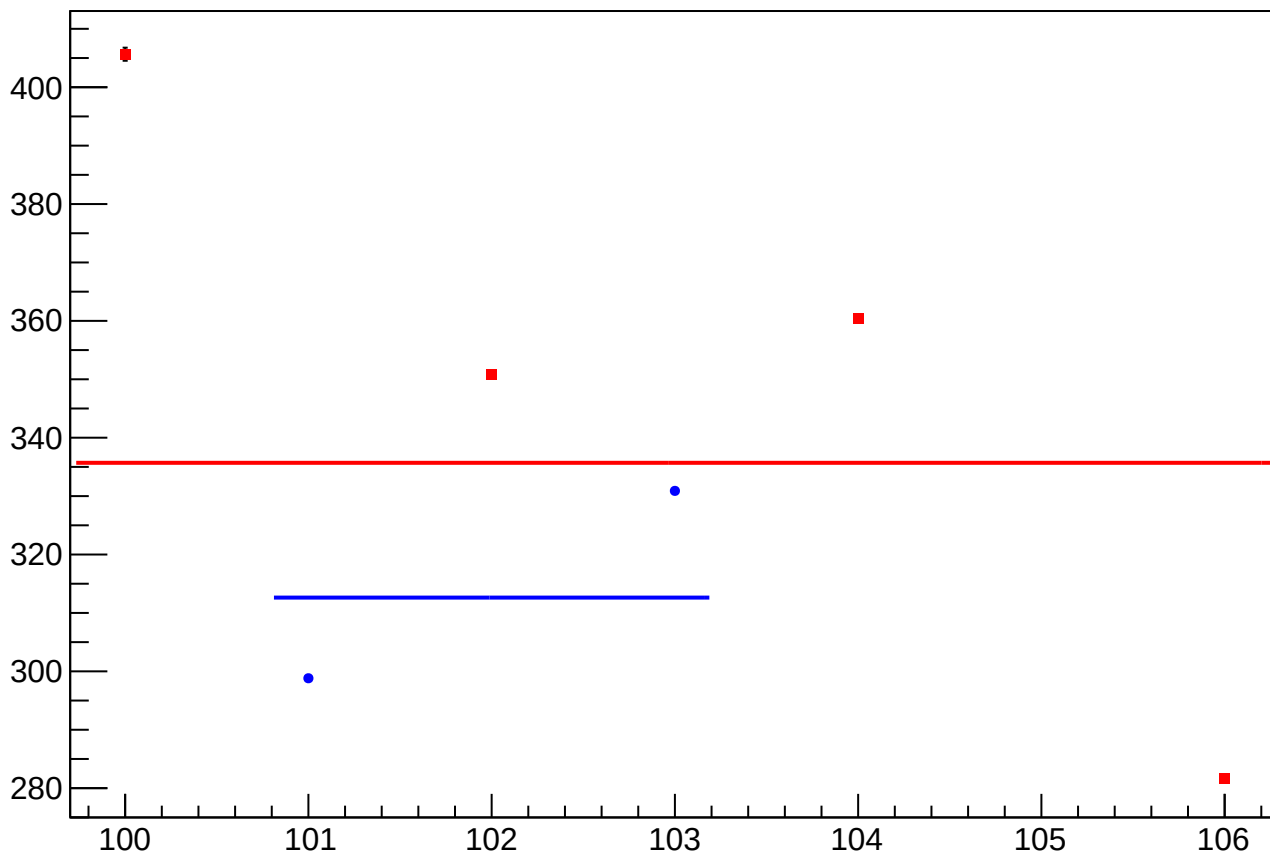
Right: -282.496+/-196.780 χ^2 /NDF: 4.9/5

In: -399.310+/-280.814 χ^2 /NDF:2.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -282.496+/-196.780 χ^2 /NDF: 4.9/5

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 312.627+/-0.199 χ^2/NDF : 6398.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.701+/-0.195 χ^2/NDF : 32802.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

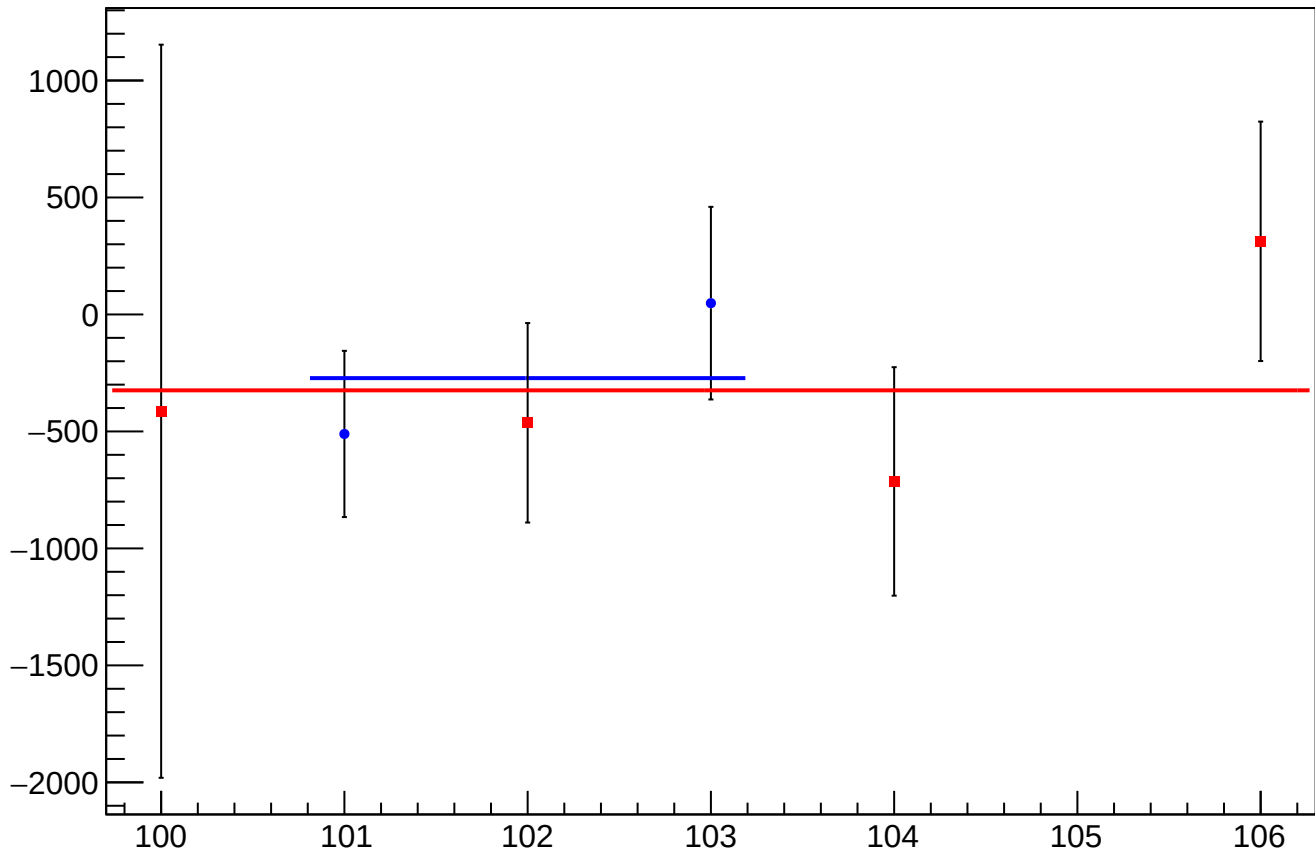
Right: 324.370+/-0.139 χ^2/NDF : 46073.3/5

In: 312.627+/-0.199 χ^2/NDF : 6398.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.370+/-0.139 χ^2/NDF : 46073.3/5

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -272.147 ± 268.964 $\chi^2/\text{NDF}: 1.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -324.370 ± 268.006 $\chi^2/\text{NDF}: 2.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

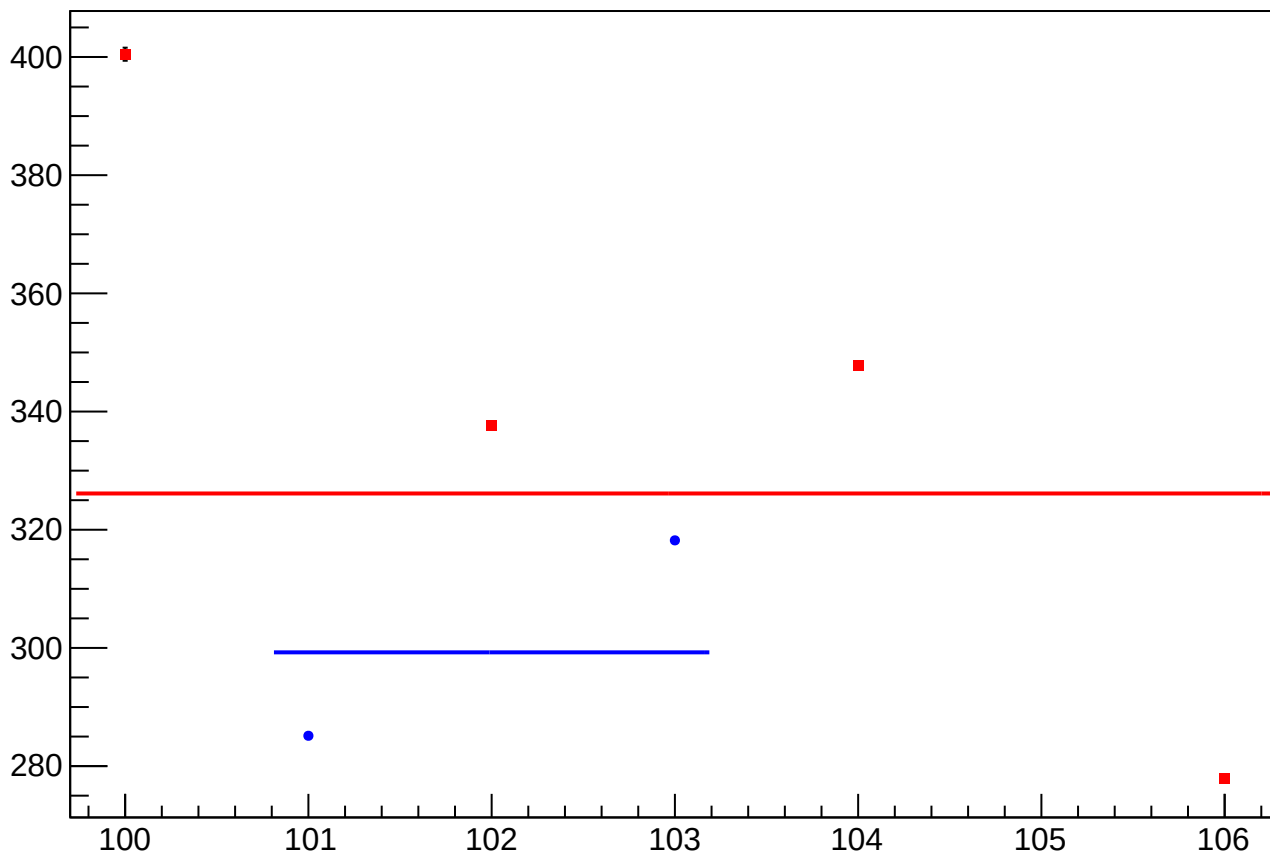
Right: -298.352 ± 189.846 $\chi^2/\text{NDF}: 3.4/5$

In: -272.147 ± 268.964 $\chi^2/\text{NDF}: 1.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -298.352 ± 189.846 $\chi^2/\text{NDF}: 3.4/5$

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 299.252+/-0.190 χ^2/NDF : 7396.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 326.136+/-0.190 χ^2/NDF : 27673.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

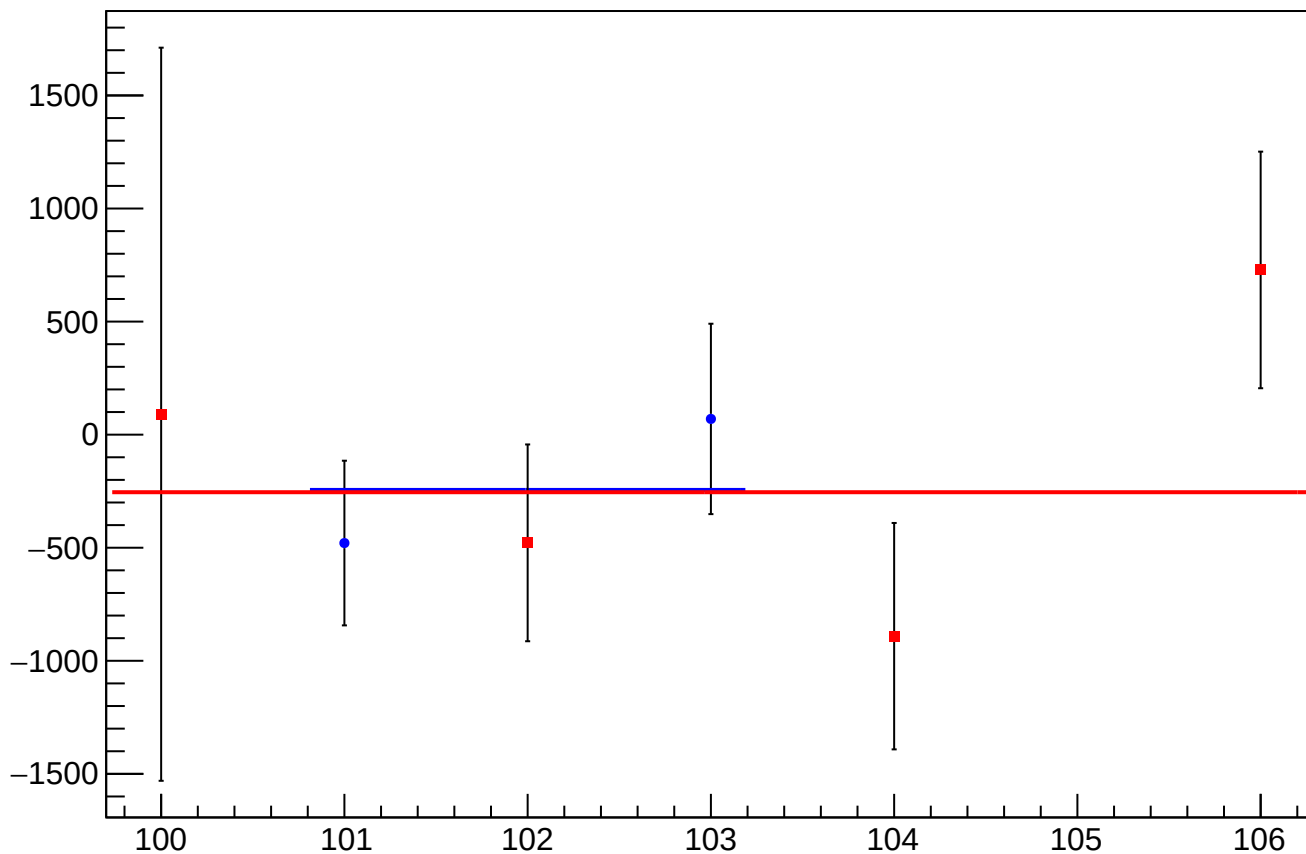
Right: 312.742+/-0.134 χ^2/NDF : 45096.0/5

In: 299.252+/-0.190 χ^2/NDF : 7396.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.742+/-0.134 χ^2/NDF : 45096.0/5

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.414+/-275.376 χ^2 /NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -254.508+/-274.133 χ^2 /NDF: 5.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

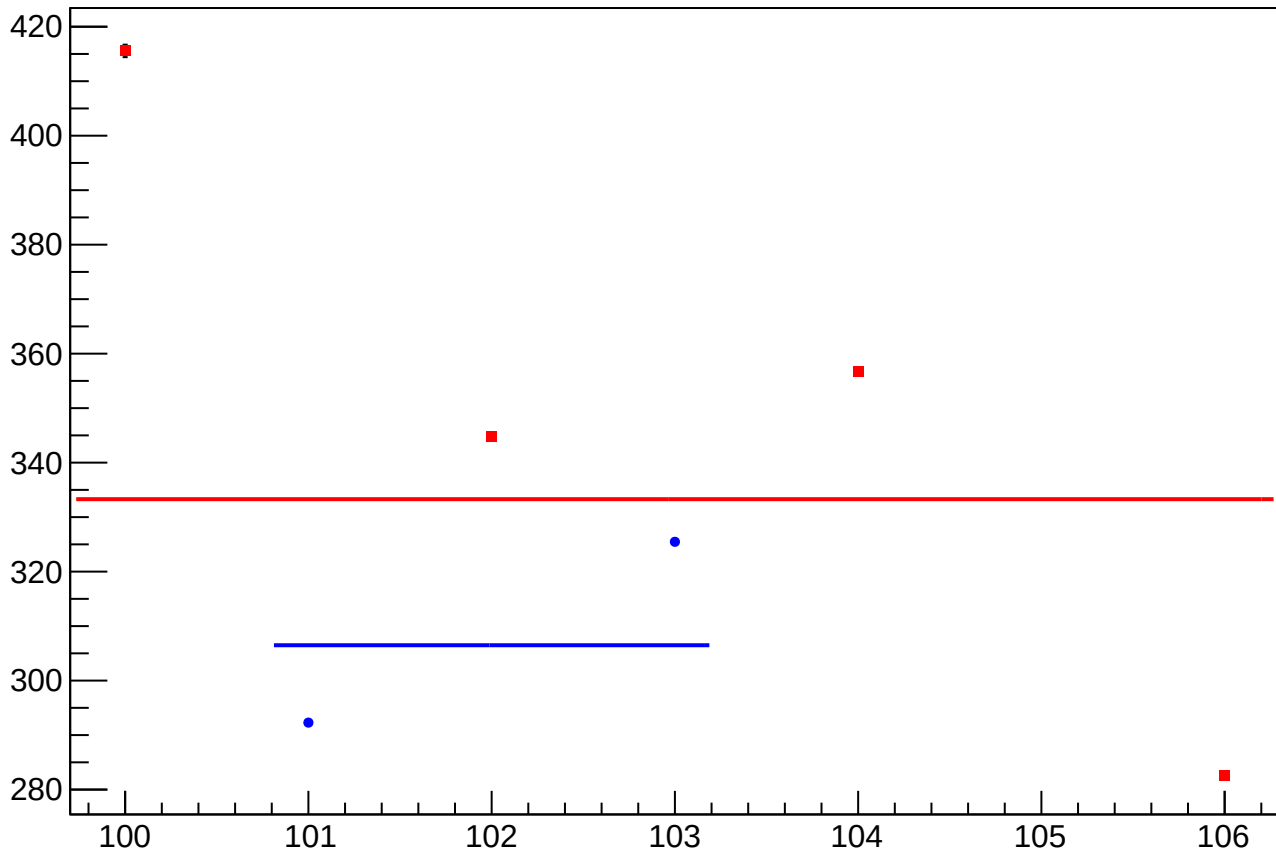
Right: -249.484+/-194.279 χ^2 /NDF: 6.4/5

In: -244.414+/-275.376 χ^2 /NDF:1.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -249.484+/-194.279 χ^2 /NDF: 6.4/5

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 306.489+/-0.195 χ^2/NDF : 7109.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 333.293+/-0.194 χ^2/NDF : 29762.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

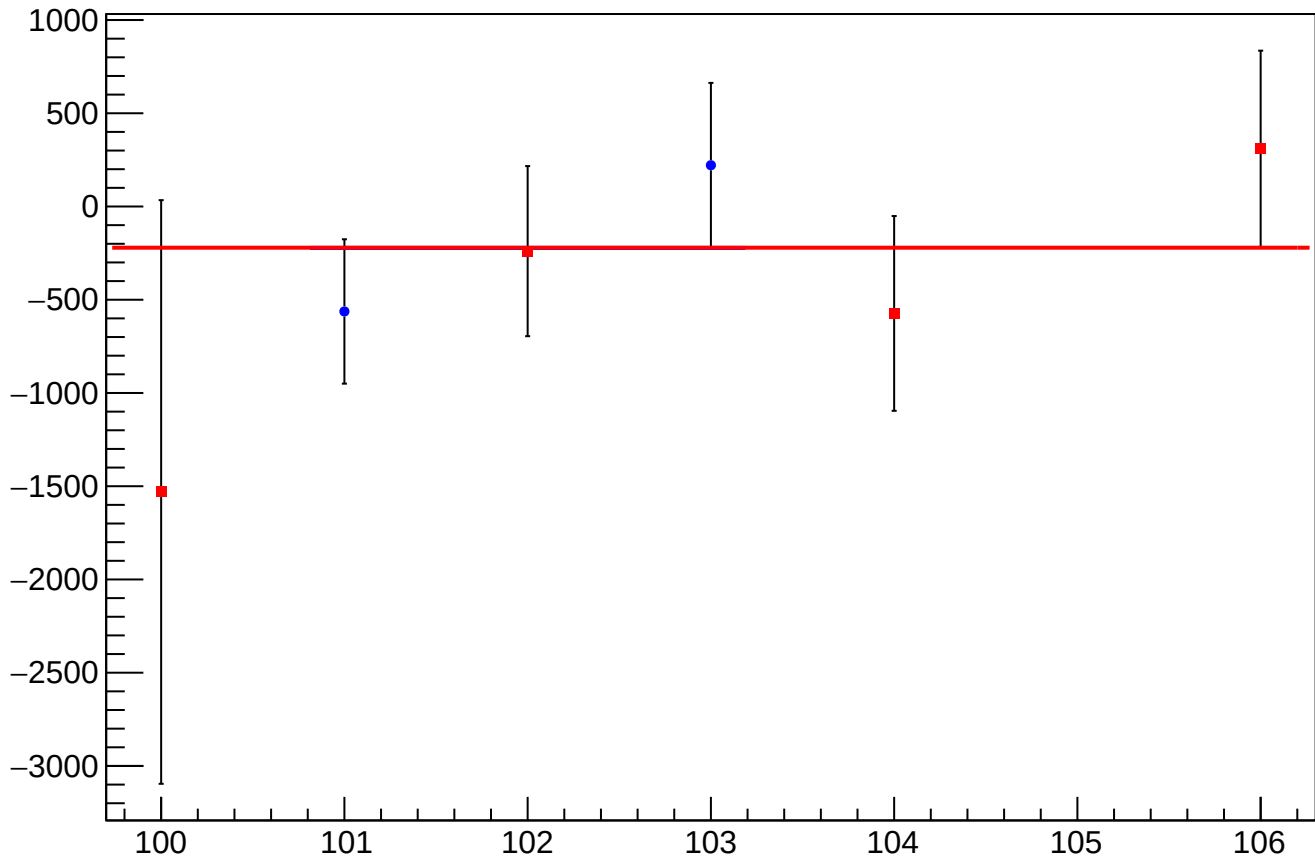
Right: 319.951+/-0.137 χ^2/NDF : 46389.6/5

In: 306.489+/-0.195 χ^2/NDF : 7109.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.951+/-0.137 χ^2/NDF : 46389.6/5

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -222.071+/-291.072 χ^2 /NDF: 1.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -220.960+/-282.910 χ^2 /NDF: 2.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

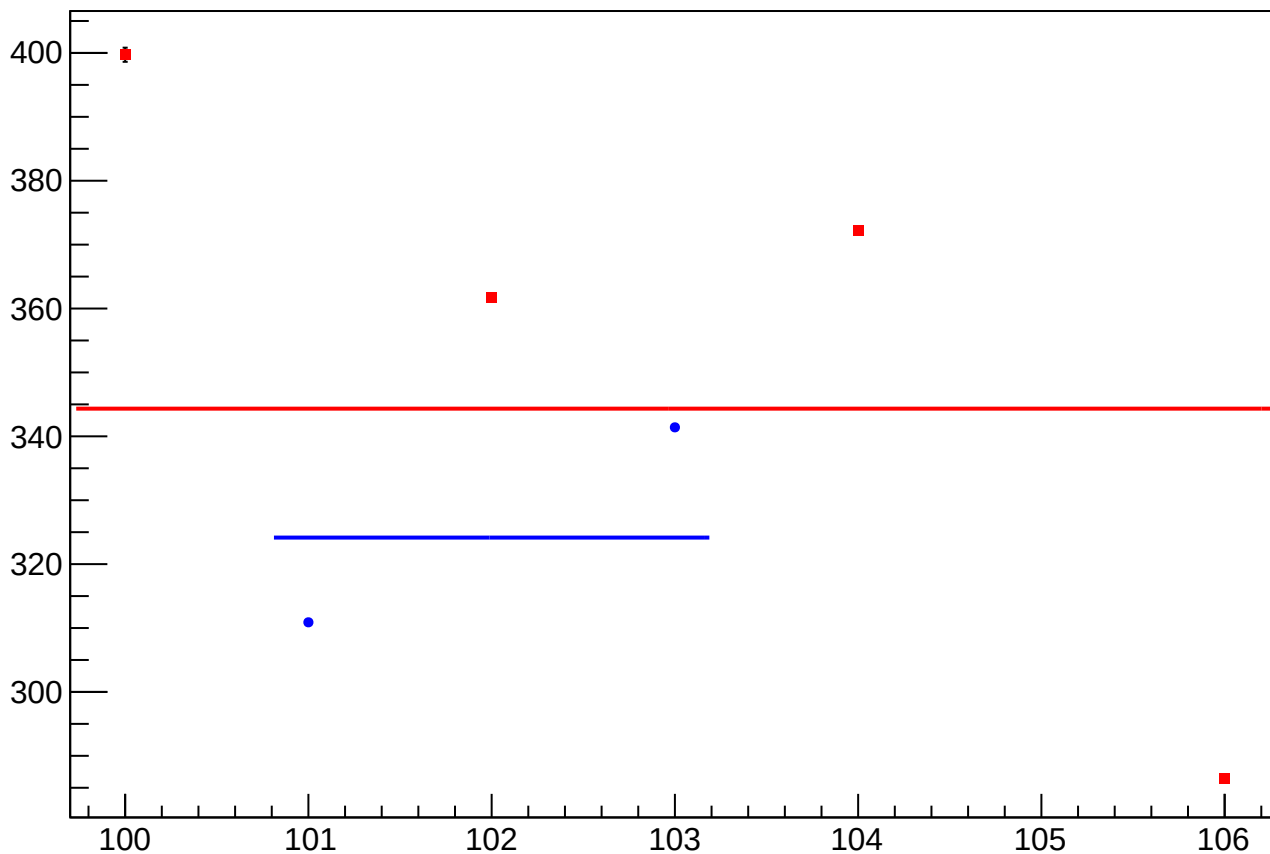
Right: -221.500+/-202.872 χ^2 /NDF: 4.0/5

In: -222.071+/-291.072 χ^2 /NDF:1.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -221.500+/-202.872 χ^2 /NDF: 4.0/5

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 324.154+/-0.206 χ^2/NDF : 5400.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 344.332+/-0.200 χ^2/NDF : 35352.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

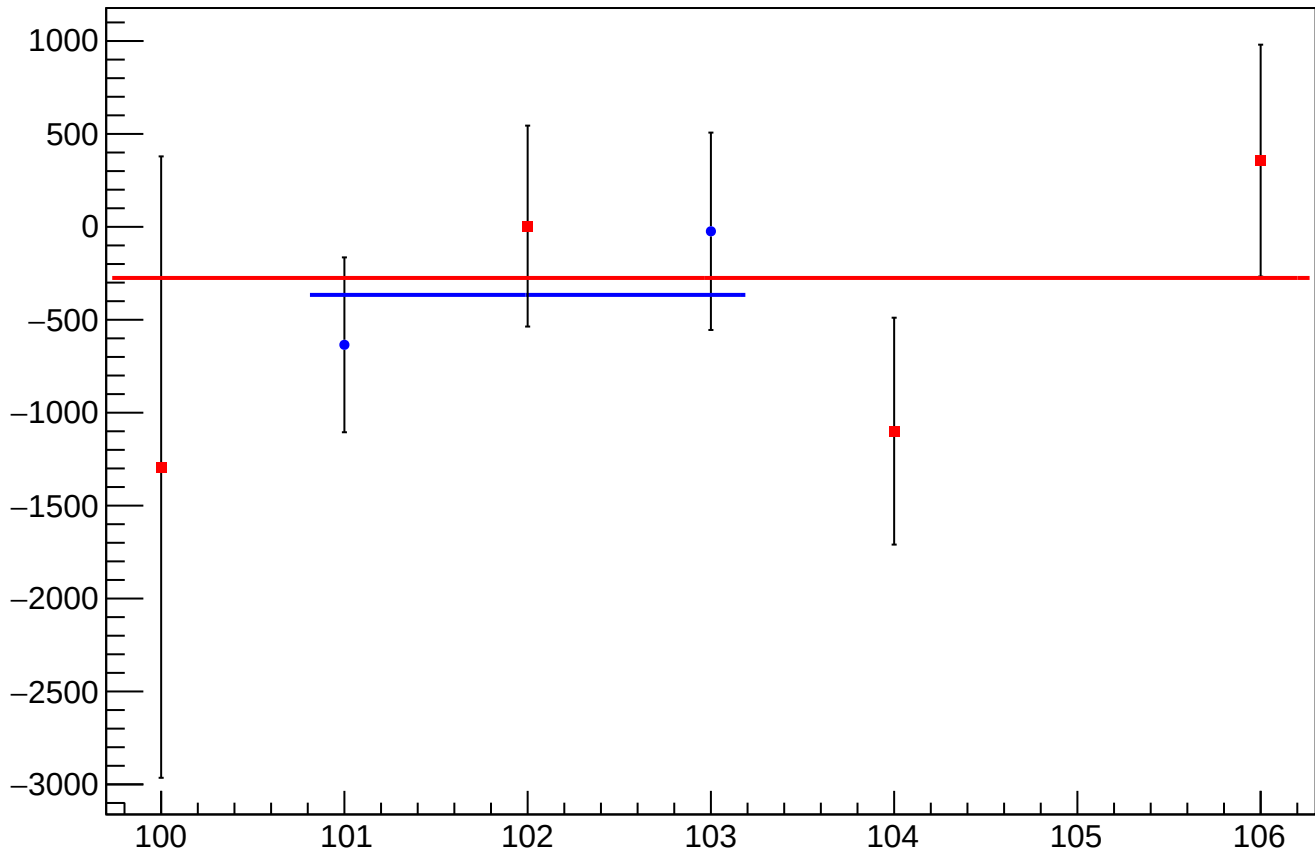
Right: 334.530+/-0.143 χ^2/NDF : 45695.2/5

In: 324.154+/-0.206 χ^2/NDF : 5400.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.530+/-0.143 χ^2/NDF : 45695.2/5

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -366.131+/-352.144 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -274.950+/-332.732 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

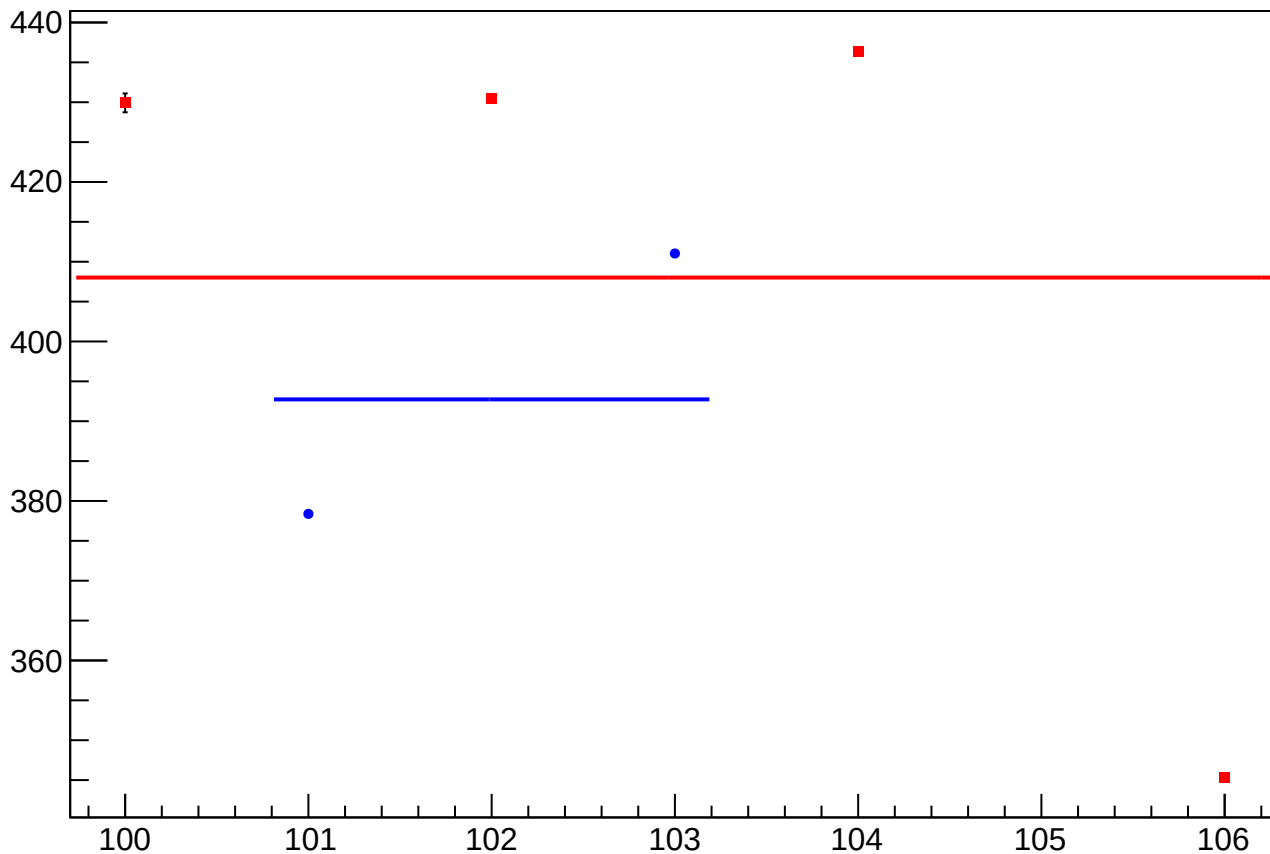
Right: -317.959+/-241.849 χ^2/NDF : 4.3/5

In: -366.131+/-352.144 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.959+/-241.849 χ^2/NDF : 4.3/5

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 392.739+/-0.249 χ^2/NDF : 4236.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.015+/-0.235 χ^2/NDF : 28304.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

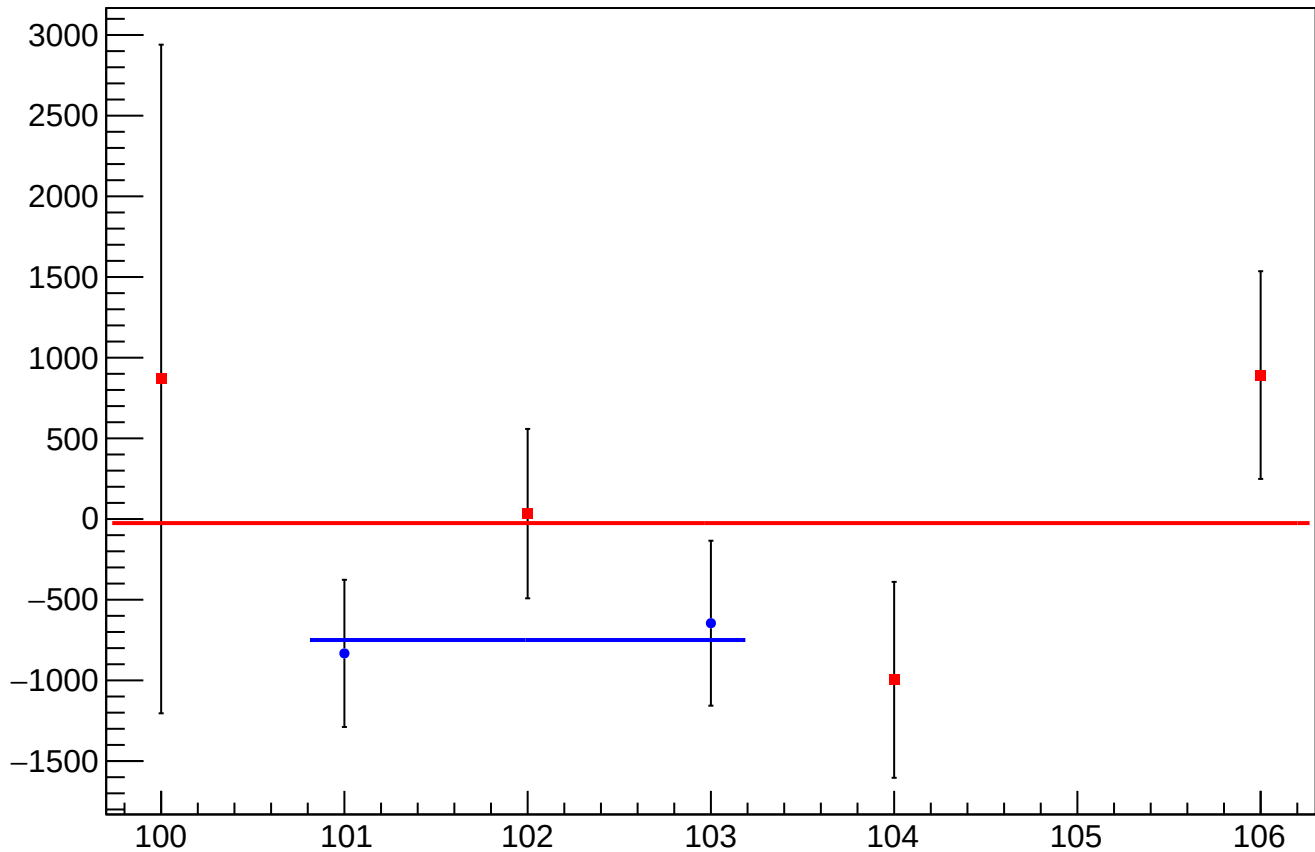
Right: 400.809+/-0.171 χ^2/NDF : 34529.4/5

In: 392.739+/-0.249 χ^2/NDF : 4236.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.809+/-0.171 χ^2/NDF : 34529.4/5

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -749.758+/-340.305 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.149+/-333.542 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

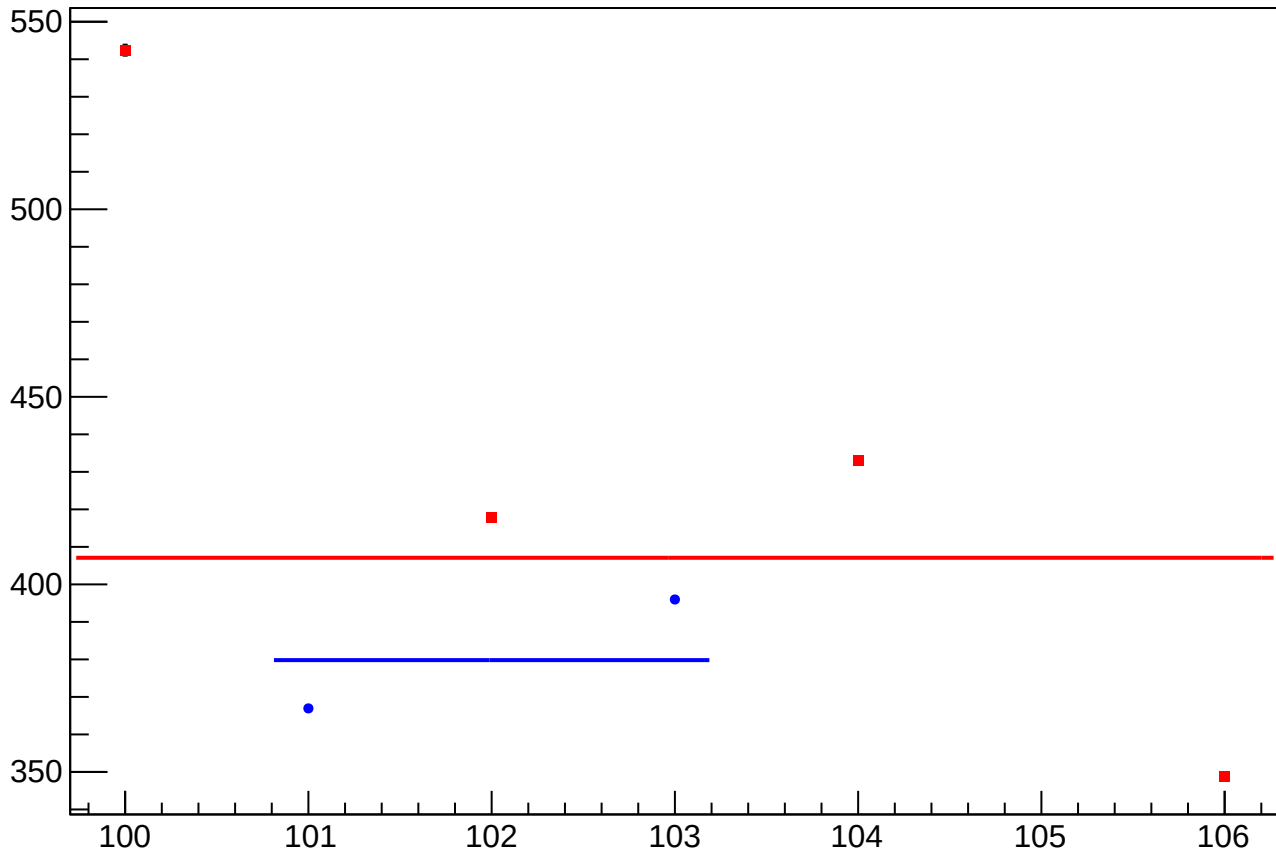
Right: -380.182+/-238.205 χ^2/NDF : 7.2/5

In: -749.758+/-340.305 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.182+/-238.205 χ^2/NDF : 7.2/5

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 379.810+/-0.241 χ^2/NDF : 3592.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.096+/-0.236 χ^2/NDF : 29335.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

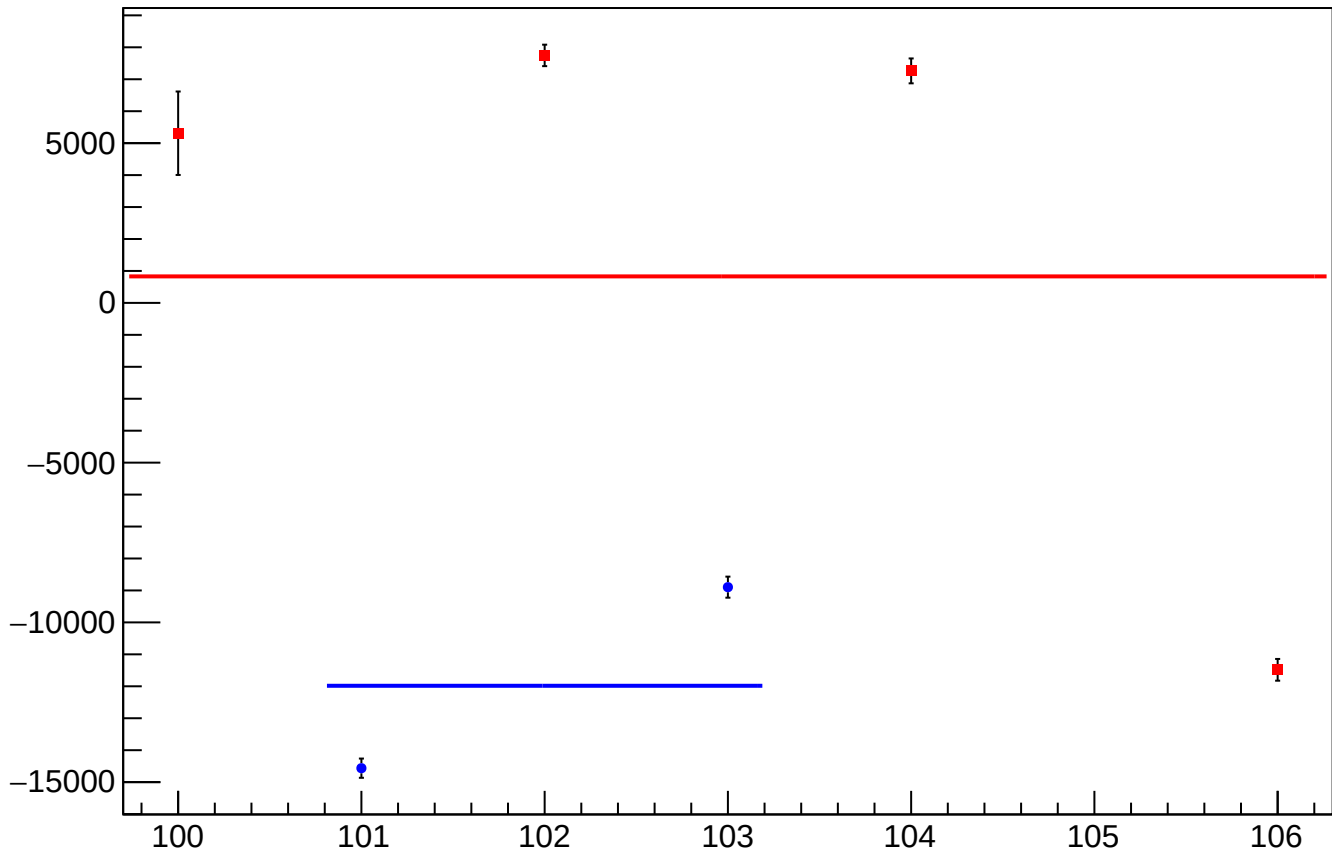
Right: 393.727+/-0.168 χ^2/NDF : 39486.6/5

In: 379.810+/-0.241 χ^2/NDF : 3592.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.727+/-0.168 χ^2/NDF : 39486.6/5

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 829.586+/-201.337 χ^2/NDF : 2017.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

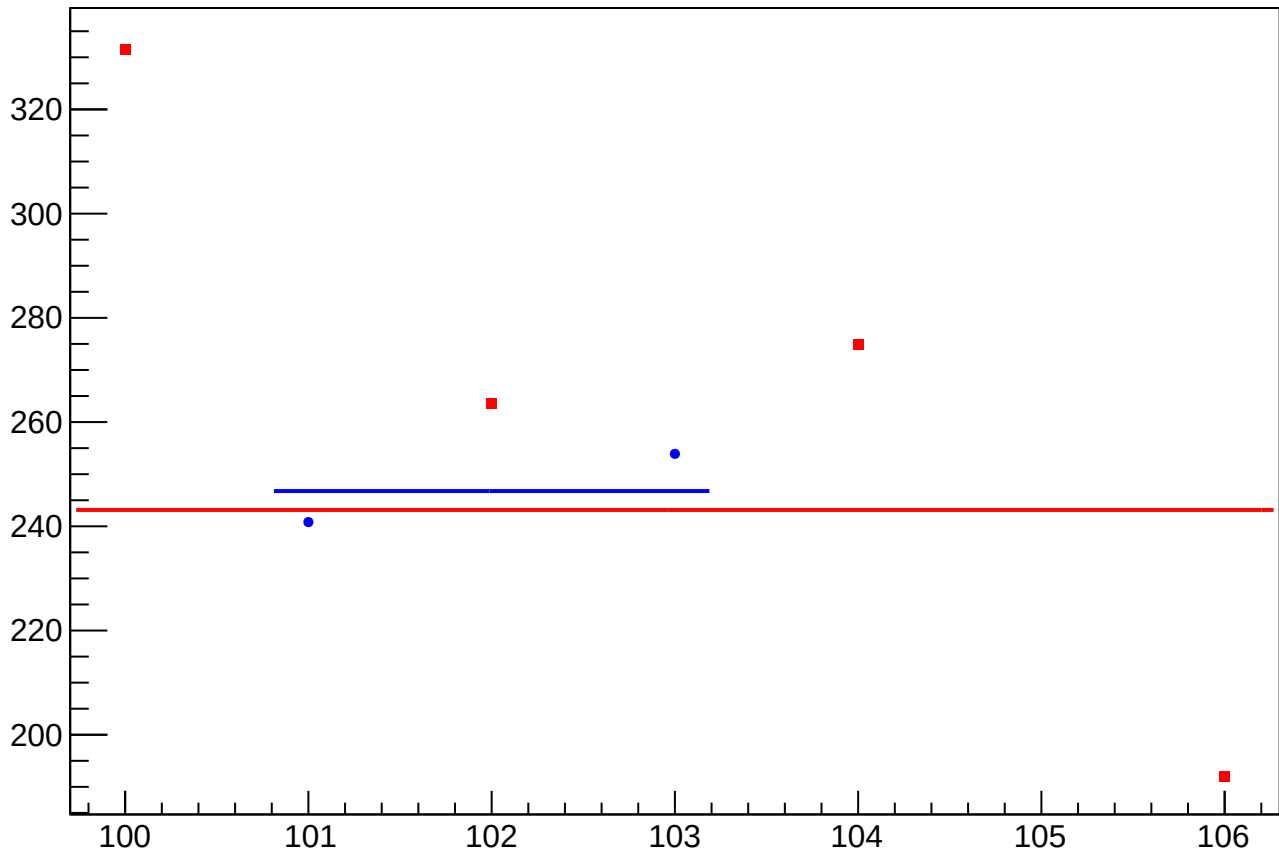
Right: -4945.648+/-149.219 χ^2/NDF : 4004.0/5

In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4945.648+/-149.219 χ^2/NDF : 4004.0/5

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769 $\pm$ 0.157 χ^2 /NDF: 1721.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 243.145 $\pm$ 0.142 χ^2 /NDF: 74972.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

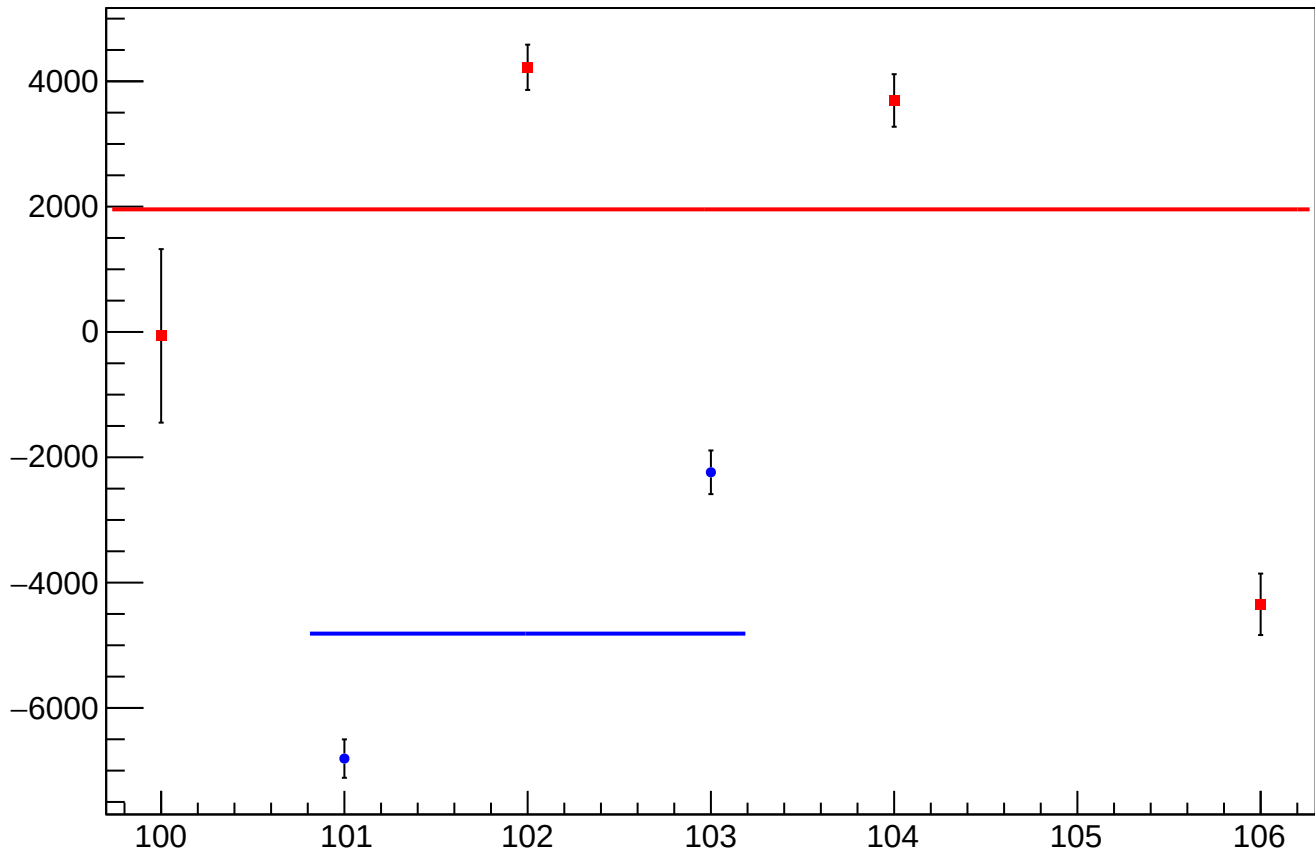
Right: 244.778 $\pm$ 0.106 χ^2 /NDF: 76986.0/5

In: 246.769 $\pm$ 0.157 χ^2 /NDF:1721.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 244.778 $\pm$ 0.106 χ^2 /NDF: 76986.0/5

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1956.359+/-235.464 χ^2/NDF : 223.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

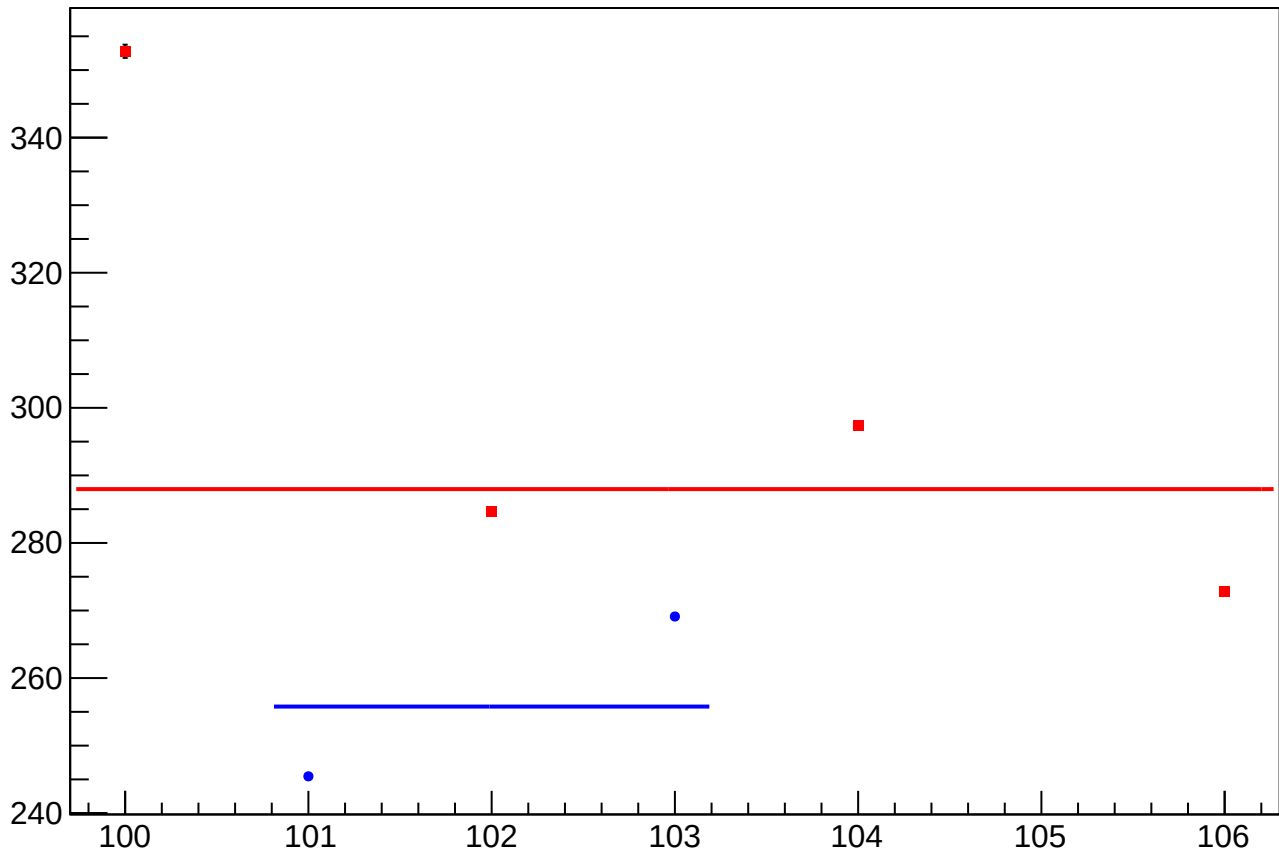
Right: -1506.696+/-164.570 χ^2/NDF : 743.8/5

In: -4813.875+/-230.103 χ^2/NDF : 97.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1506.696+/-164.570 χ^2/NDF : 743.8/5

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.972+/-0.166 χ^2/NDF : 7460.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

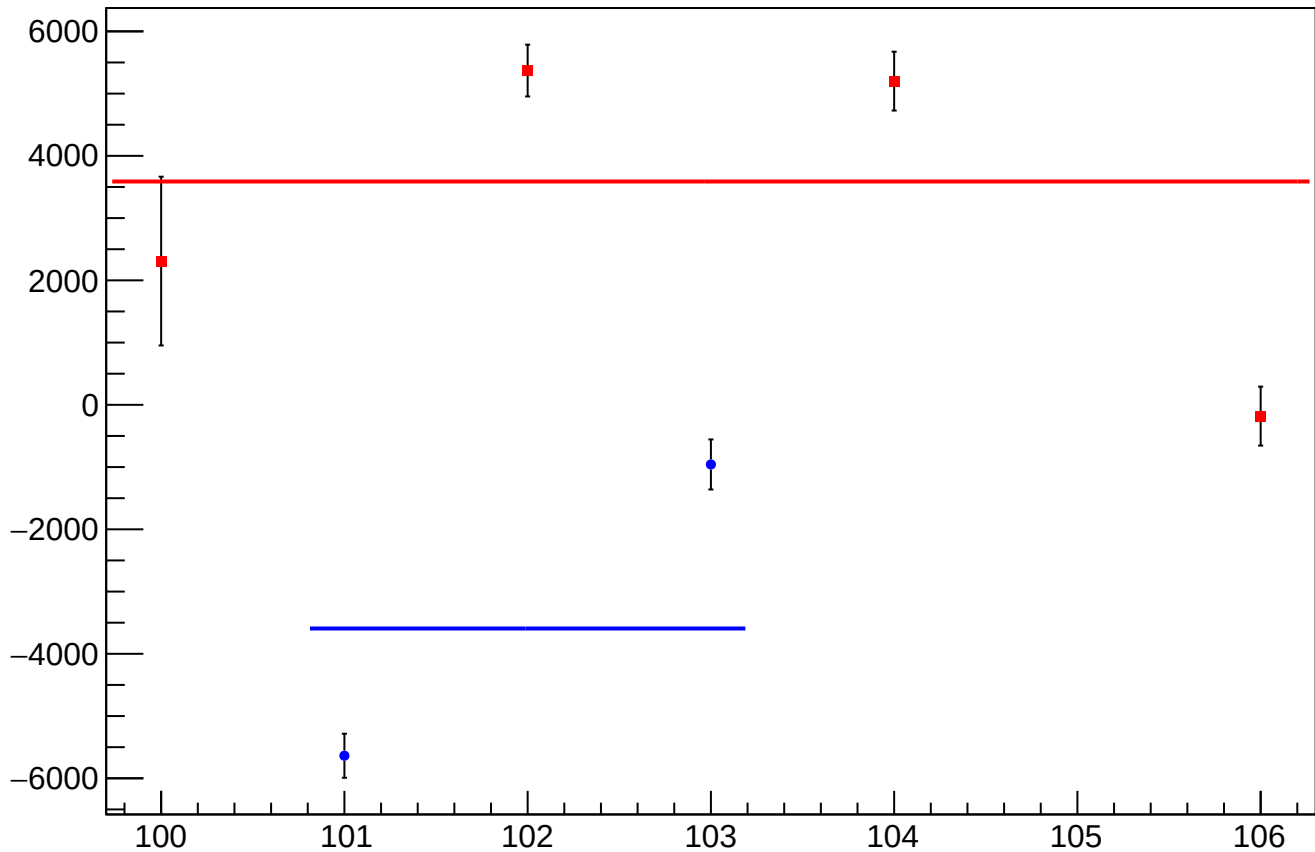
Right: 271.506+/-0.116 χ^2/NDF : 31781.6/5

In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.506+/-0.116 χ^2/NDF : 31781.6/5

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3587.886+/-256.044 χ^2/NDF : 94.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

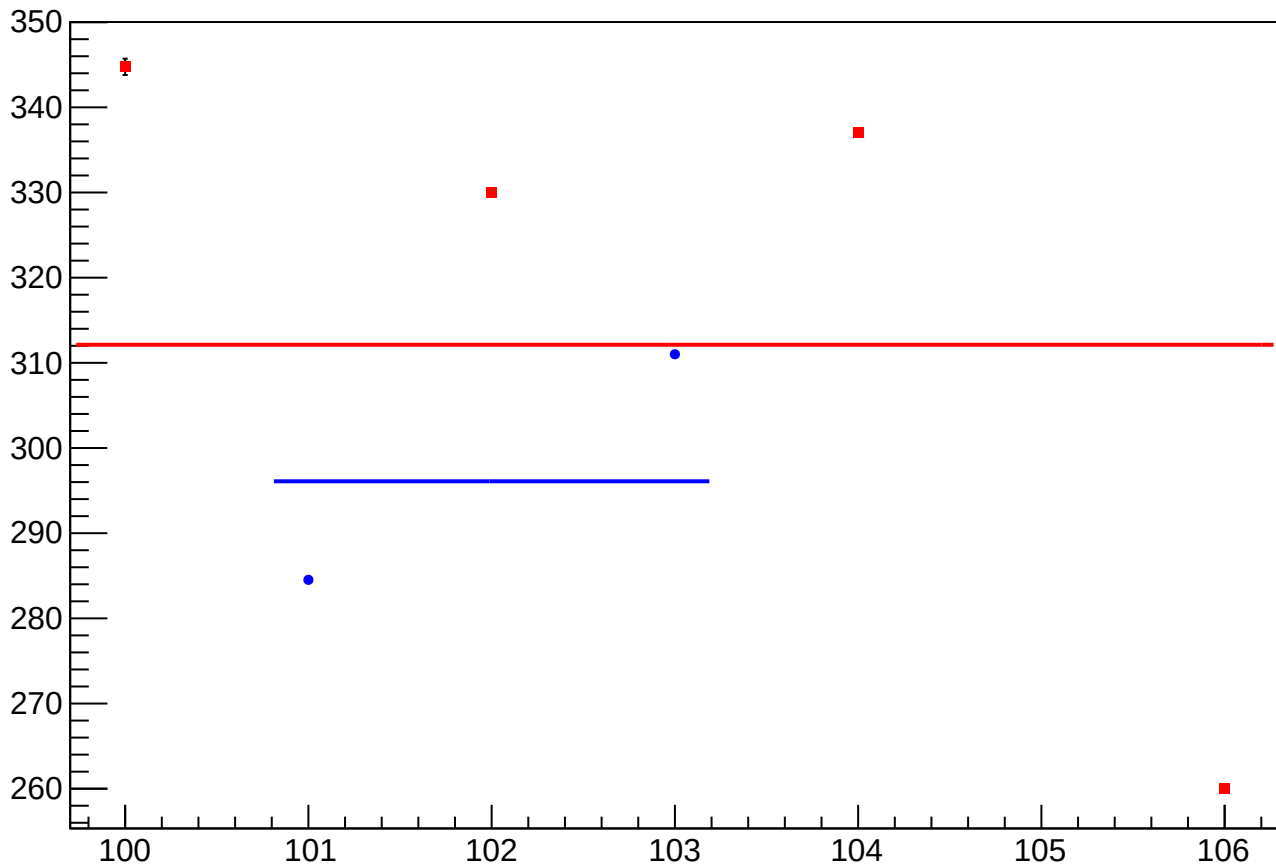
Right: 132.217+/-184.422 χ^2/NDF : 549.0/5

In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.217+/-184.422 χ^2/NDF : 549.0/5

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.123+/-0.181 χ^2/NDF : 34677.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

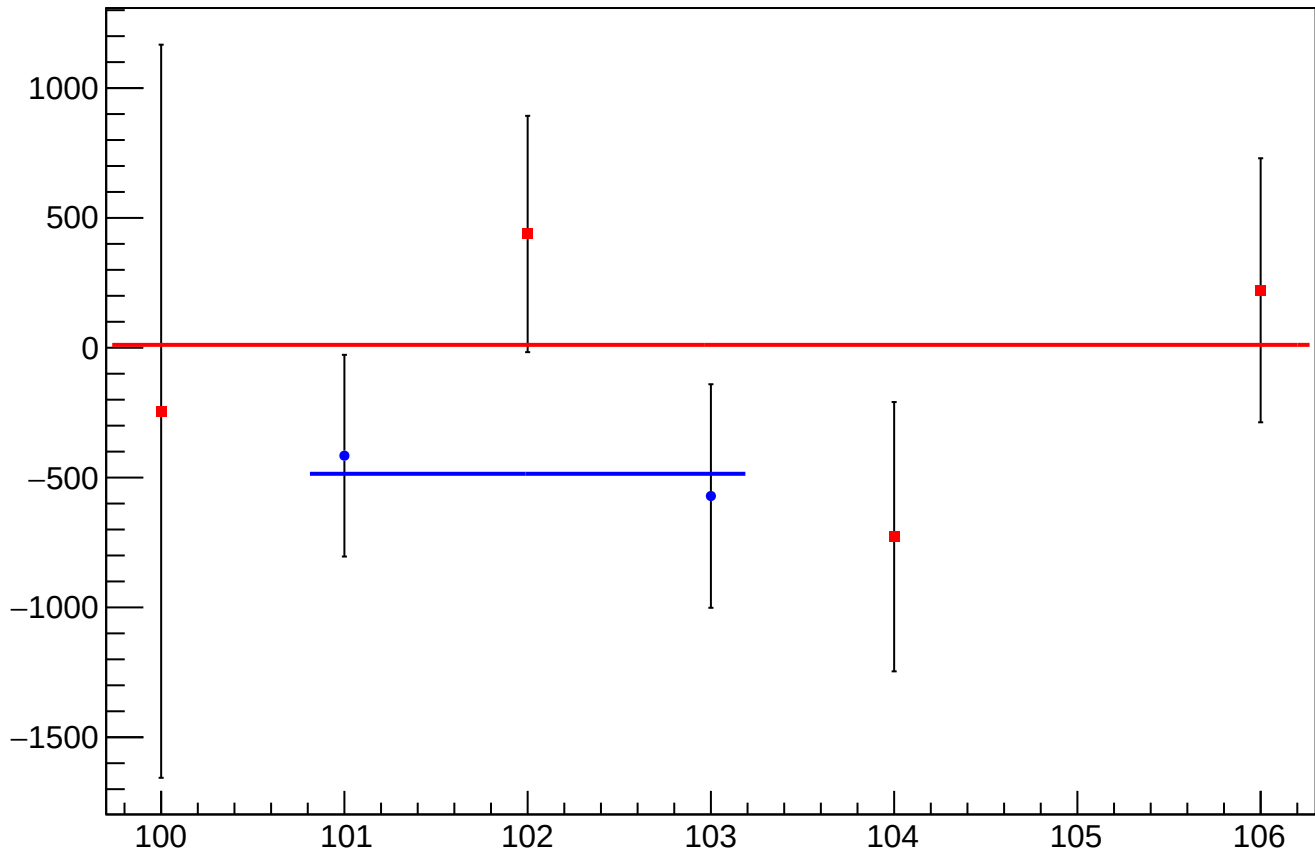
Right: 304.409+/-0.130 χ^2/NDF : 43333.6/5

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.409+/-0.130 χ^2/NDF : 43333.6/5

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.120 $\pm$ 278.238 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

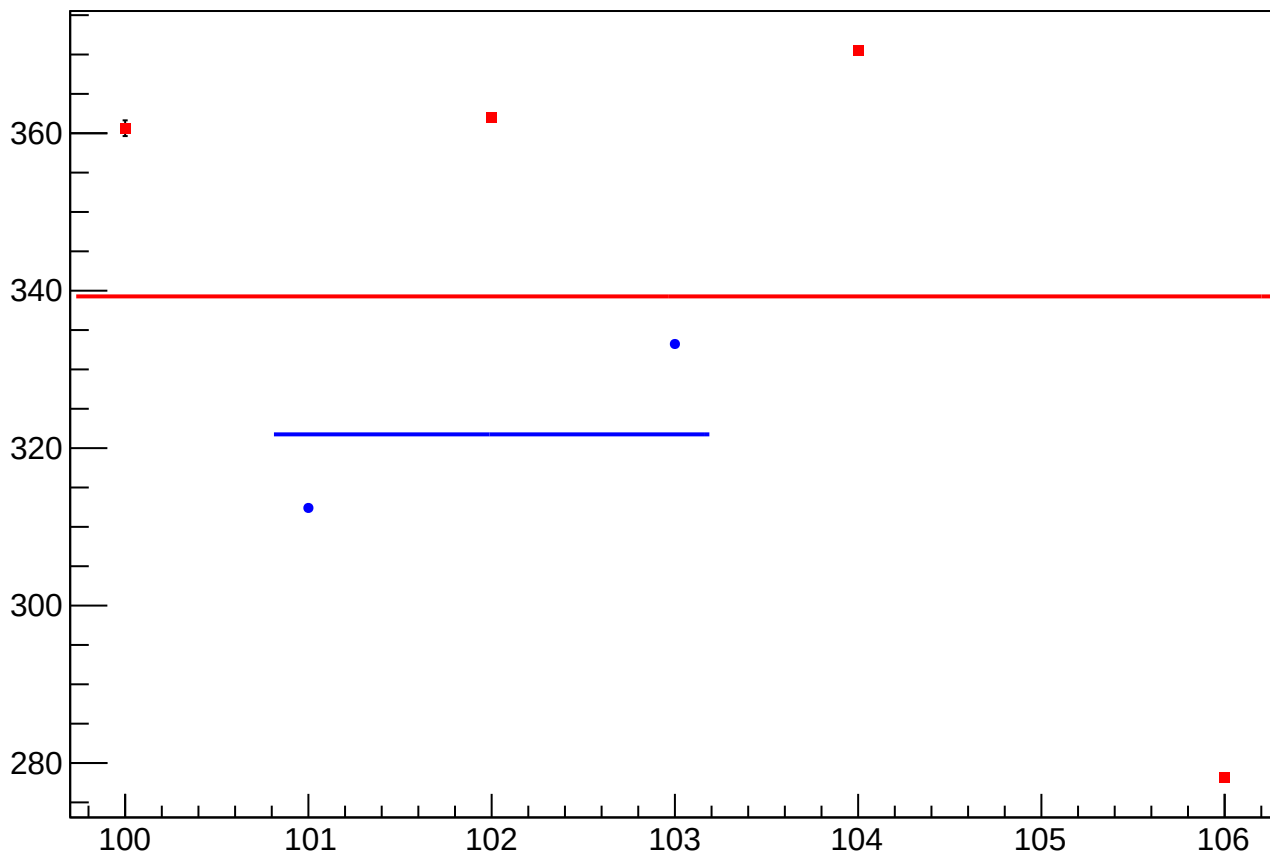
Right: -228.258 $\pm$ 200.232 χ^2 /NDF: 4.7/5

In: -485.395 $\pm$ 288.376 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -228.258 $\pm$ 200.232 χ^2 /NDF: 4.7/5

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.274+/-0.197 χ^2/NDF : 41653.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

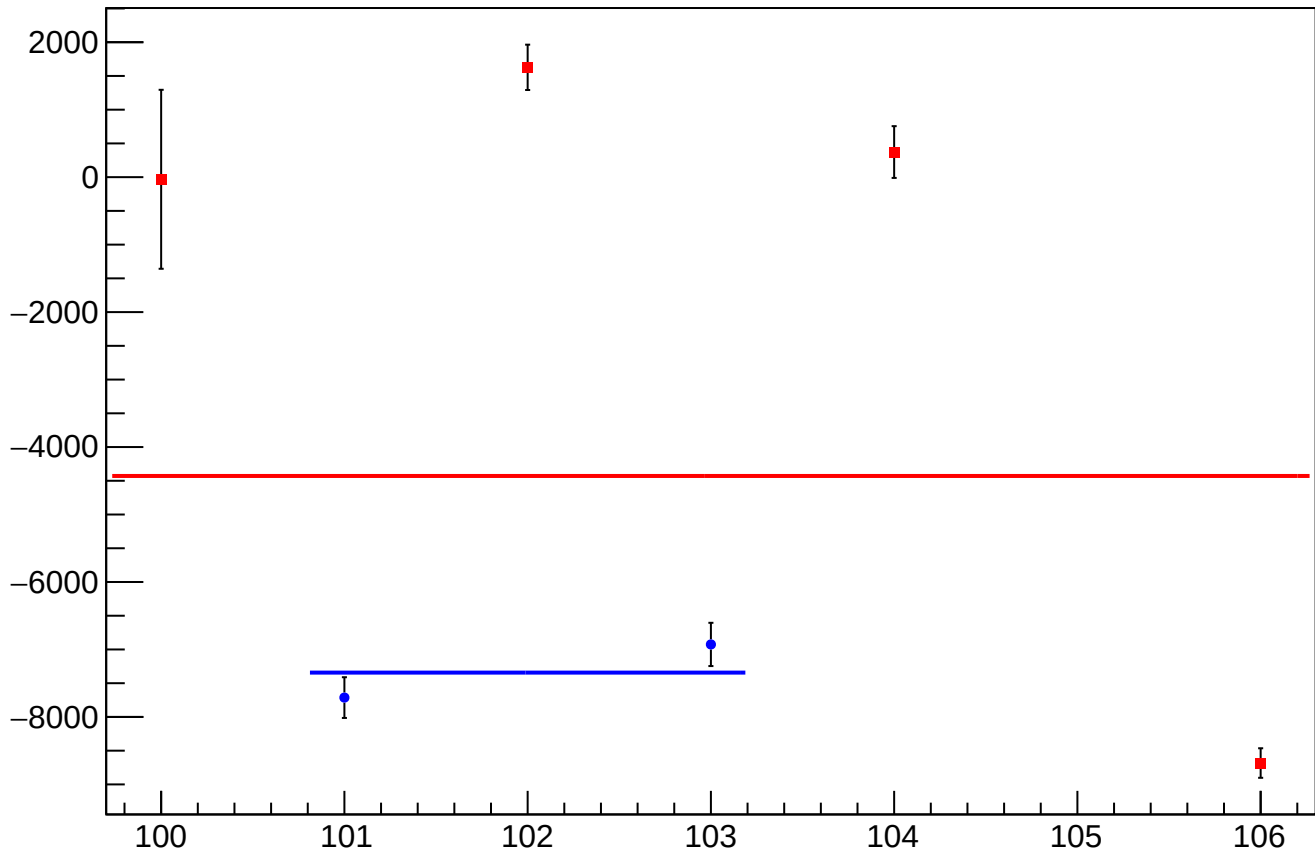
Right: 330.825+/-0.142 χ^2/NDF : 48059.3/5

In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 330.825+/-0.142 χ^2/NDF : 48059.3/5

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948 ± 219.717 χ^2/NDF : 3.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4428.587 ± 164.183 χ^2/NDF : 870.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

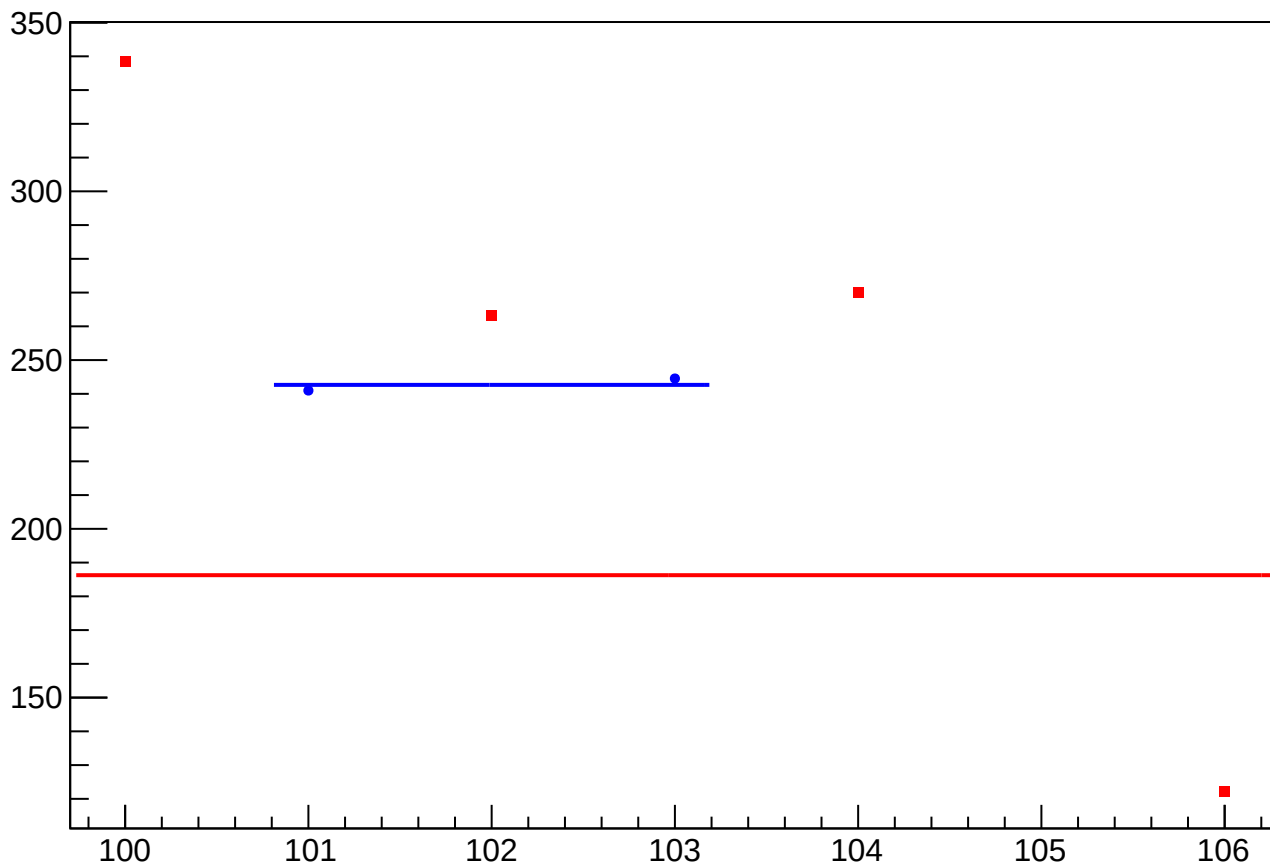
Right: -5472.821 ± 131.520 χ^2/NDF : 986.6/5

In: -7342.948 ± 219.717 χ^2/NDF : 3.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5472.821 ± 131.520 χ^2/NDF : 986.6/5

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 242.652 $\pm$ 0.155 χ^2 /NDF: 130.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.268 $\pm$ 0.116 χ^2 /NDF: 397275.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

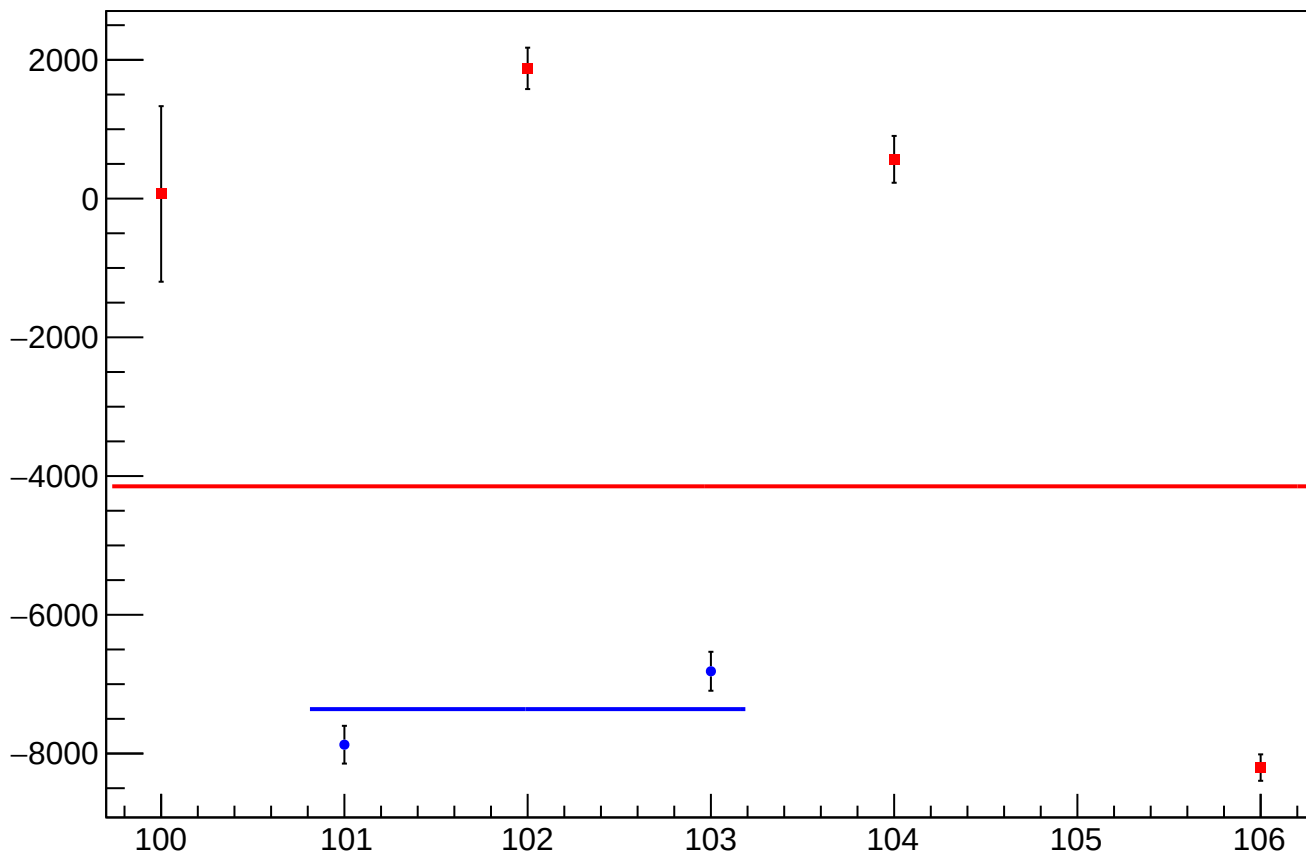
Right: 206.471 $\pm$ 0.093 χ^2 /NDF: 481922.1/5

In: 242.652 $\pm$ 0.155 χ^2 /NDF: 130.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.471 $\pm$ 0.093 χ^2 /NDF: 481922.1/5

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -7359.872 $\pm$ 195.425 χ^2 /NDF: 7.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4148.009 $\pm$ 144.096 χ^2 /NDF: 1066.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

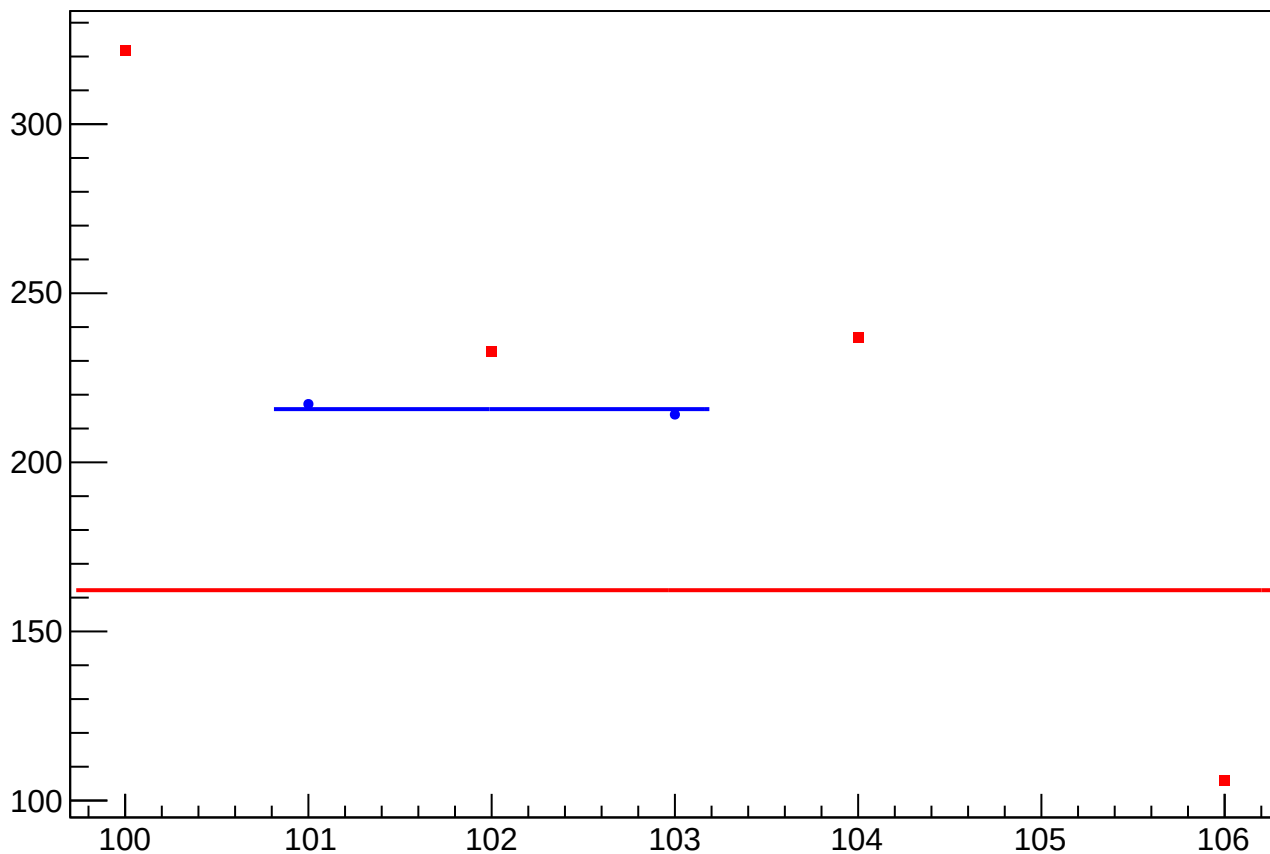
Right: -5279.217 $\pm$ 115.977 χ^2 /NDF: 1248.7/5

In: -7359.872 $\pm$ 195.425 χ^2 /NDF: 7.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5279.217 $\pm$ 115.977 χ^2 /NDF: 1248.7/5

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 215.737 $\pm$ 0.138 χ^2 /NDF: 125.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.196 $\pm$ 0.102 χ^2 /NDF: 415849.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

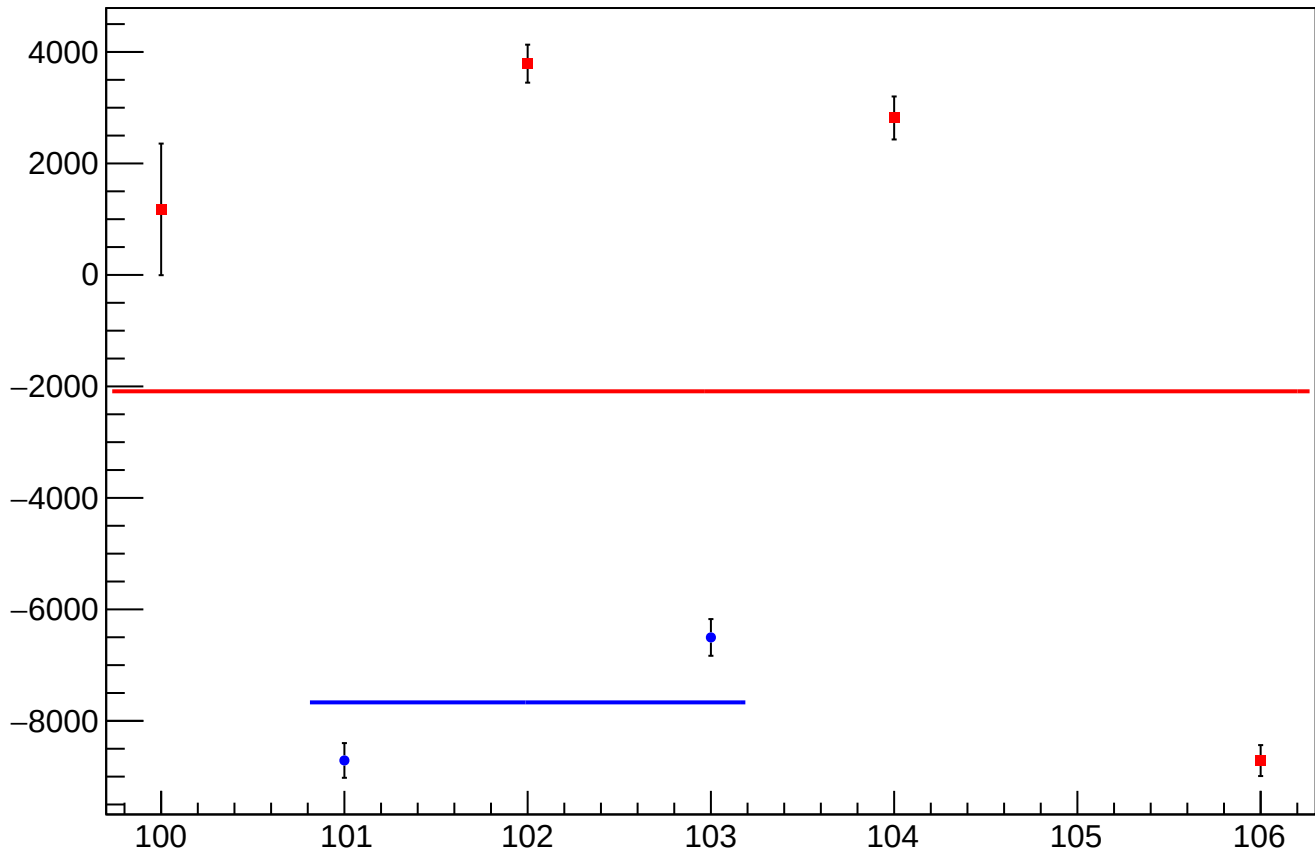
Right: 181.053 $\pm$ 0.082 χ^2 /NDF: 513223.2/5

In: 215.737 $\pm$ 0.138 χ^2 /NDF: 125.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.053 $\pm$ 0.082 χ^2 /NDF: 513223.2/5

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -7668.339+/-226.215 χ^2/NDF : 23.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2087.698+/-185.607 χ^2/NDF : 1036.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

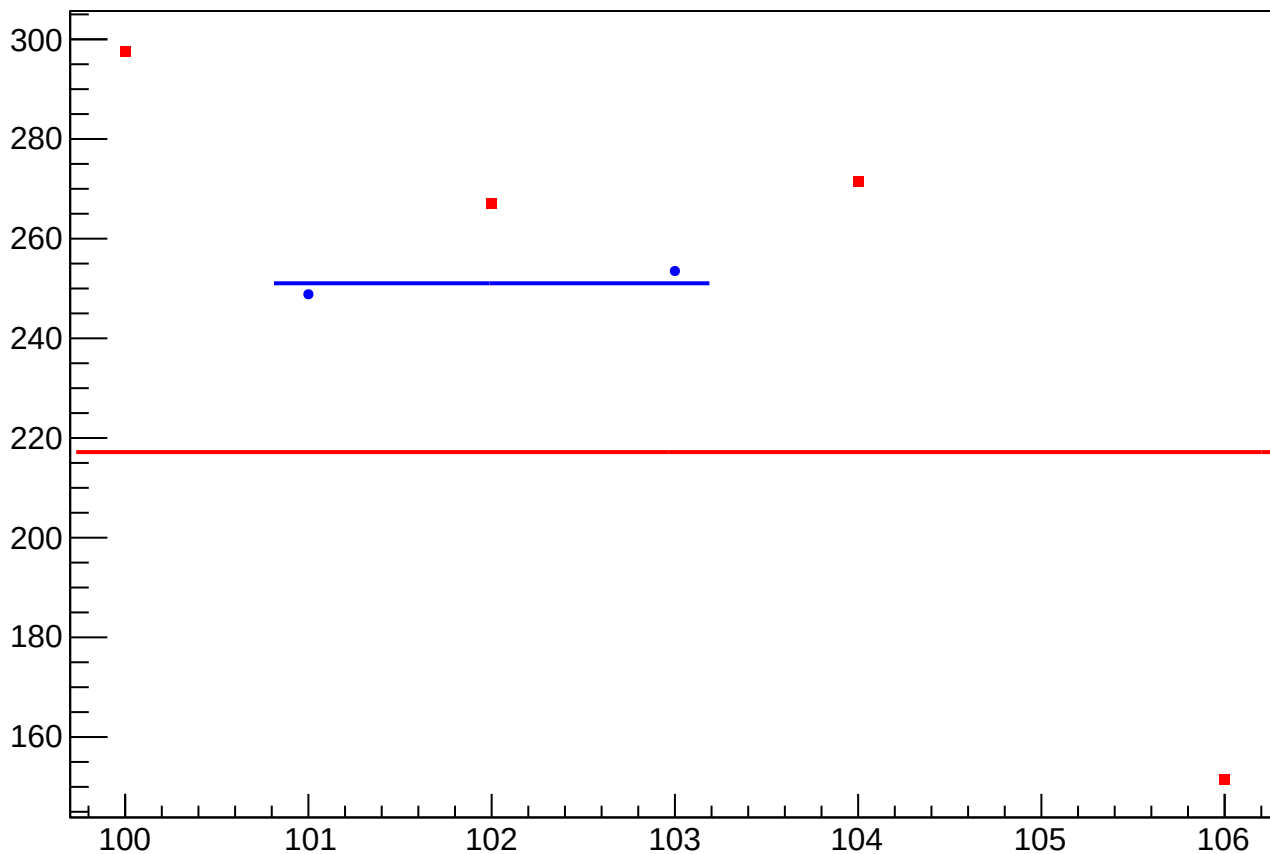
Right: -4333.044+/-143.490 χ^2/NDF : 1423.7/5

In: -7668.339+/-226.215 χ^2/NDF : 23.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4333.044+/-143.490 χ^2/NDF : 1423.7/5

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 251.047+/-0.160 χ^2/NDF : 211.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 217.172+/-0.131 χ^2/NDF : 204107.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

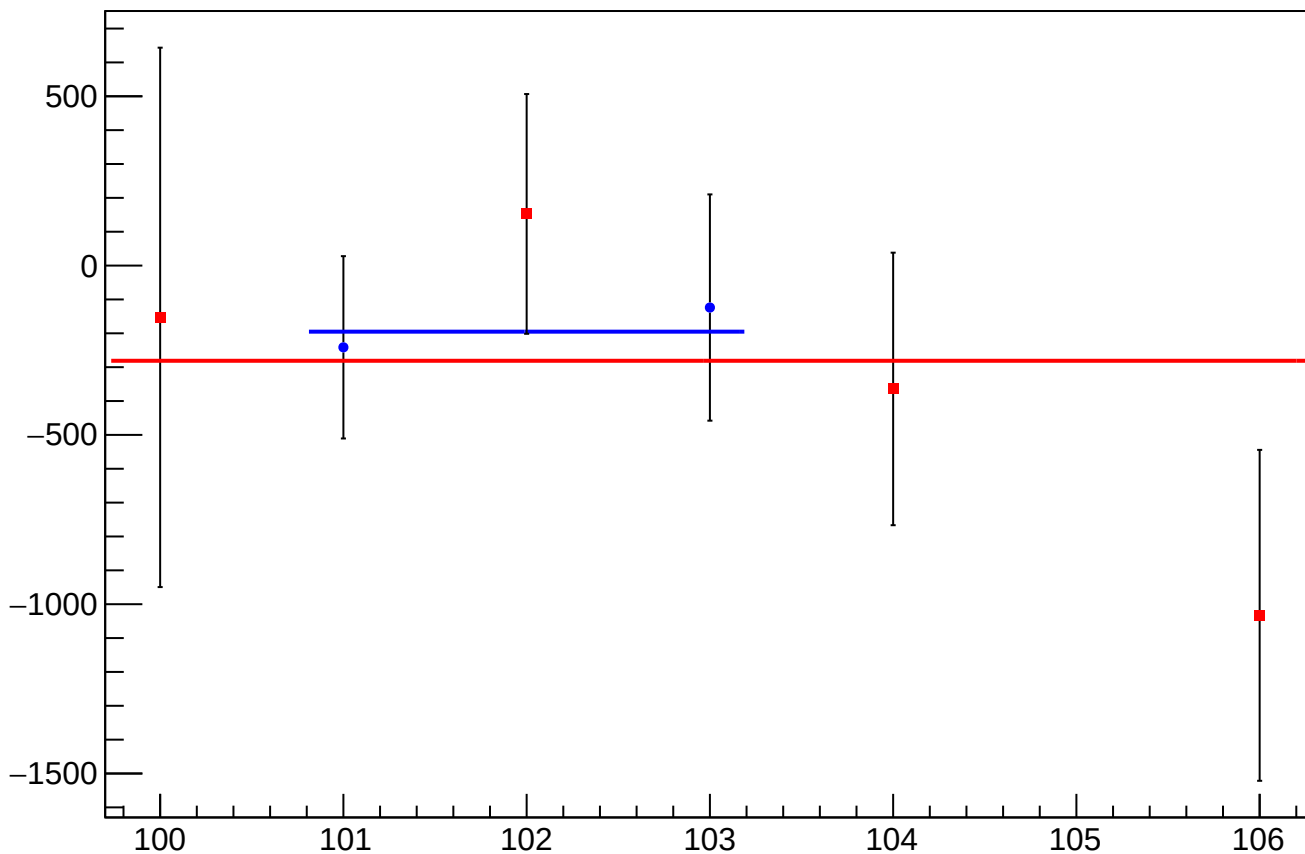
Right: 230.802+/-0.101 χ^2/NDF : 231123.1/5

In: 251.047+/-0.160 χ^2/NDF : 211.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.802+/-0.101 χ^2/NDF : 231123.1/5

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -195.119 $\pm$ 209.628 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.112 $\pm$ 224.066 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

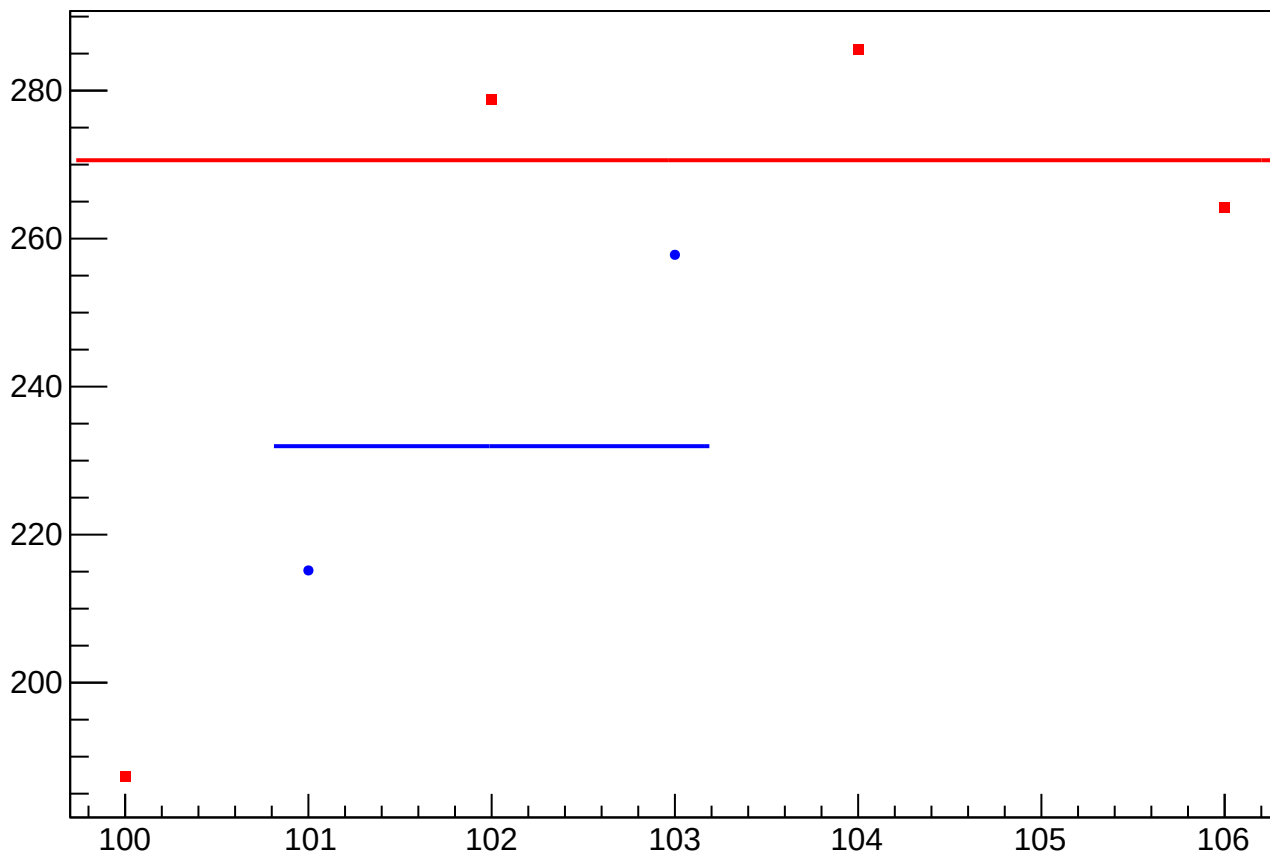
Right: -235.256 $\pm$ 153.079 χ^2 /NDF: 4.1/5

In: -195.119 $\pm$ 209.628 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -235.256 $\pm$ 153.079 χ^2 /NDF: 4.1/5

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 231.953 $\pm$ 0.148 χ^2 /NDF: 19760.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.591 $\pm$ 0.158 χ^2 /NDF: 26036.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

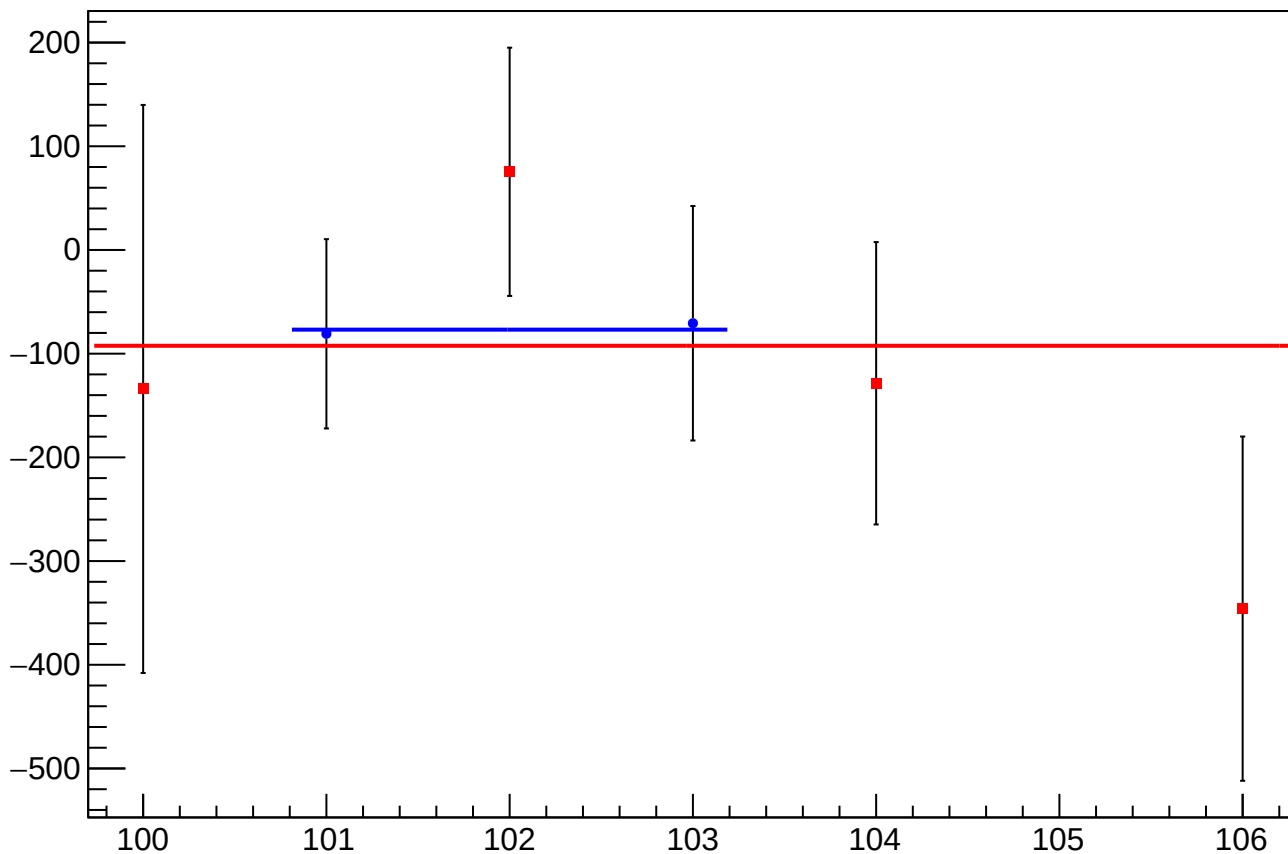
Right: 249.987 $\pm$ 0.108 χ^2 /NDF: 77511.6/5

In: 231.953 $\pm$ 0.148 χ^2 /NDF:19760.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.987 $\pm$ 0.108 χ^2 /NDF: 77511.6/5

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -76.835 $\pm$ 71.014 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -92.392 $\pm$ 75.948 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

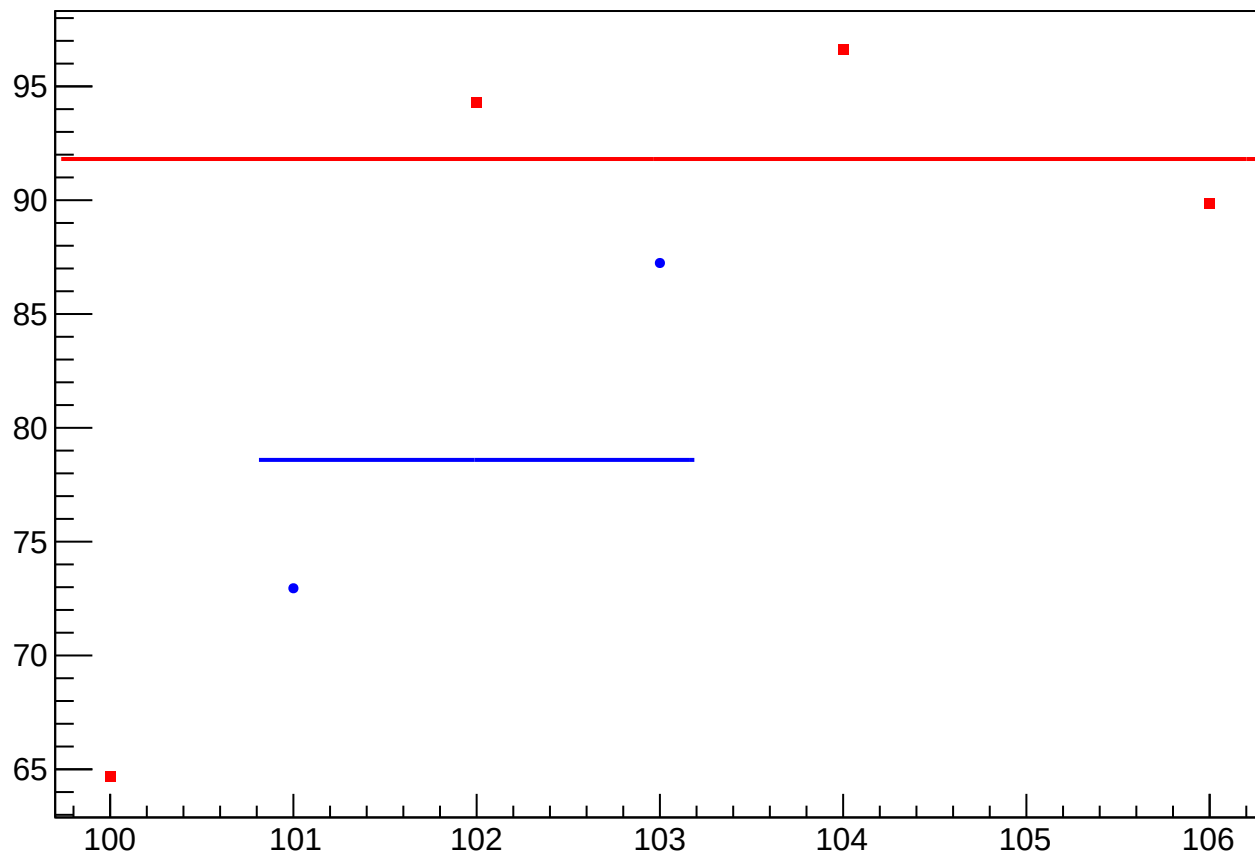
Right: -84.092 $\pm$ 51.871 χ^2 /NDF: 4.4/5

In: -76.835 $\pm$ 71.014 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -84.092 $\pm$ 51.871 χ^2 /NDF: 4.4/5

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 78.592+/-0.050 χ^2/NDF : 19344.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.809+/-0.054 χ^2/NDF : 23237.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

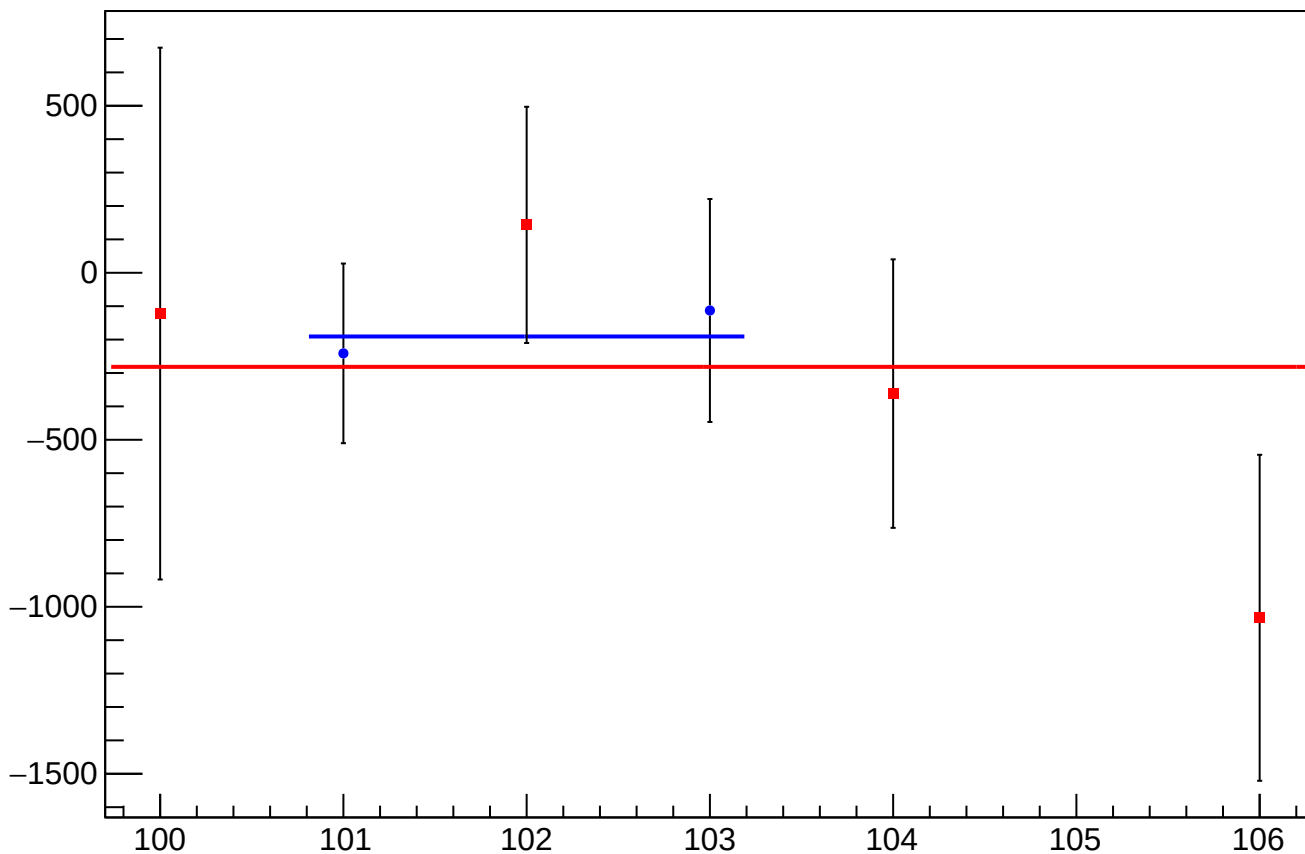
Right: 84.757+/-0.037 χ^2/NDF : 74901.6/5

In: 78.592+/-0.050 χ^2/NDF : 19344.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.757+/-0.037 χ^2/NDF : 74901.6/5

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.659 $\pm$ 223.827 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

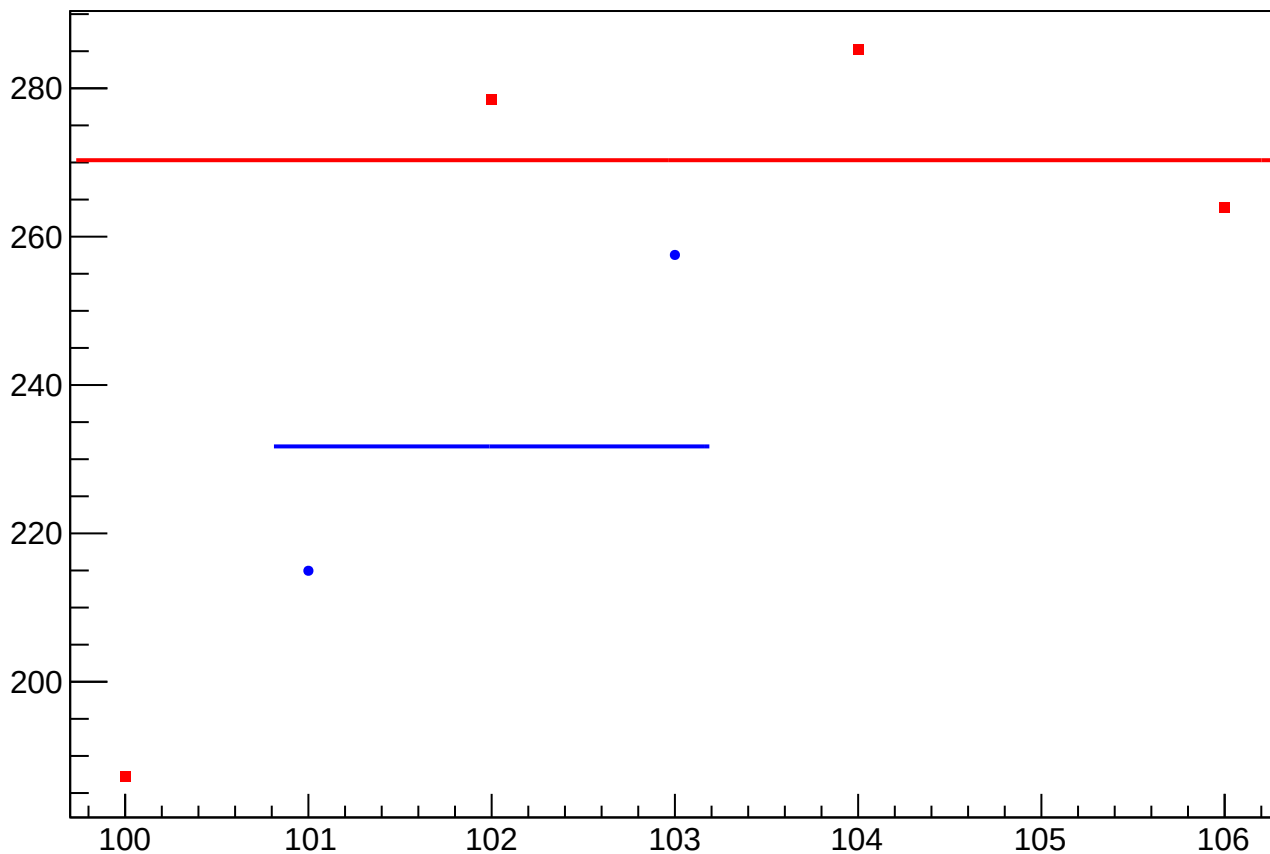
Right: -233.167 $\pm$ 152.921 χ^2 /NDF: 4.1/5

In: -190.717 $\pm$ 209.418 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.167 $\pm$ 152.921 χ^2 /NDF: 4.1/5

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.307+/-0.158 χ^2/NDF : 25947.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

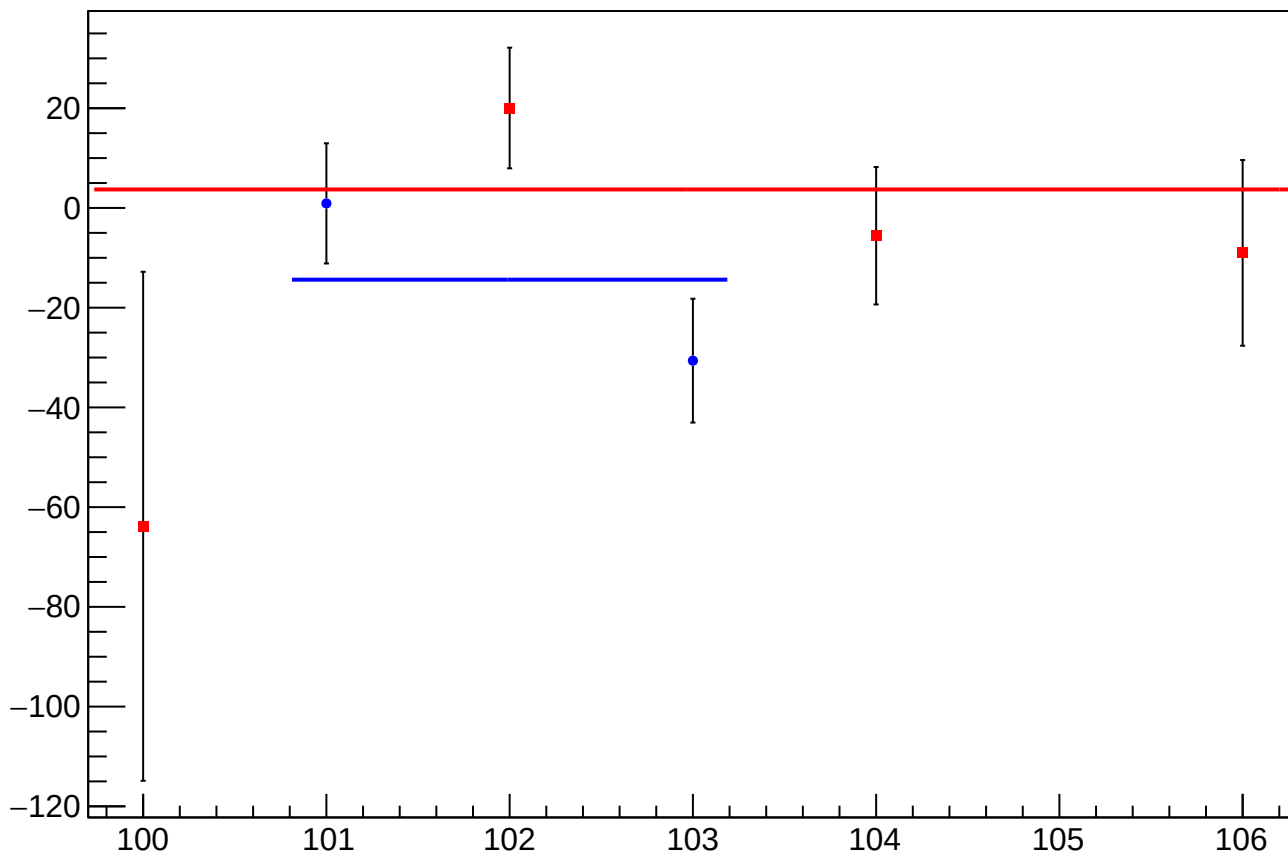
Right: 249.734+/-0.108 χ^2/NDF : 77367.0/5

In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.734+/-0.108 χ^2/NDF : 77367.0/5

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.711+/-8.067 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

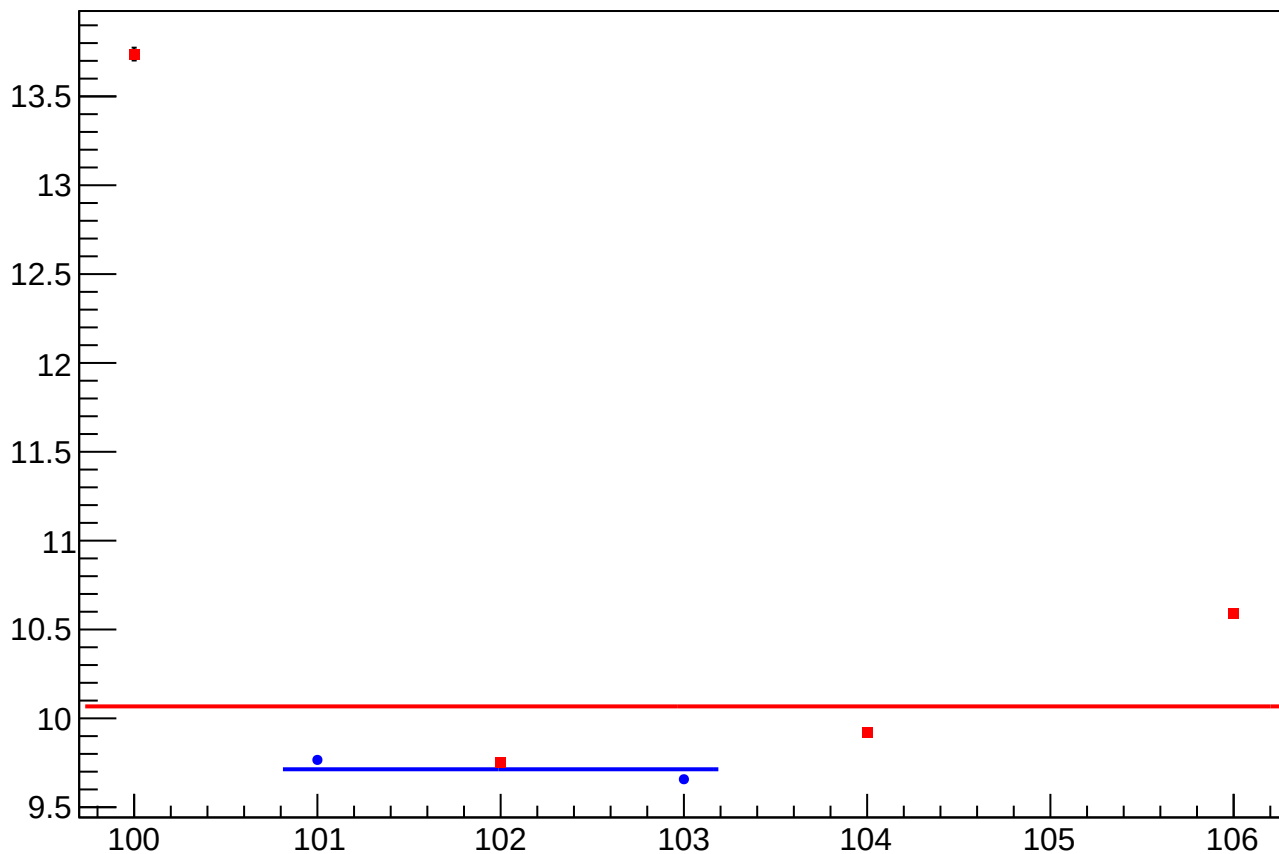
Right: -4.709+/-5.899 χ^2/NDF : 10.2/5

In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.709+/-5.899 χ^2/NDF : 10.2/5

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 9.713+/-0.006 χ^2/NDF : 79.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.067+/-0.006 χ^2/NDF : 13508.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

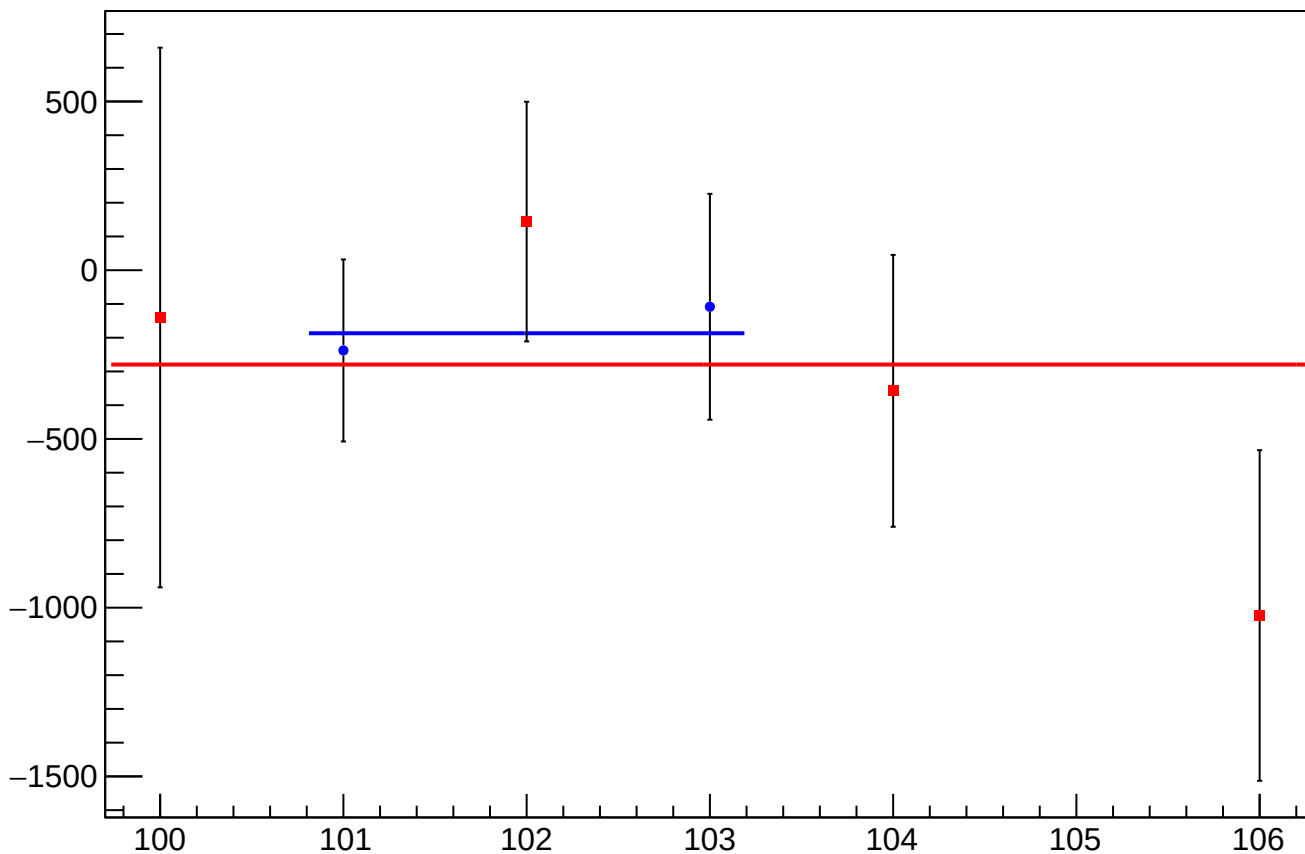
Right: 9.903+/-0.004 χ^2/NDF : 15378.2/5

In: 9.713+/-0.006 χ^2/NDF : 79.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.903+/-0.004 χ^2/NDF : 15378.2/5

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -186.789+/-209.988 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.551+/-224.583 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

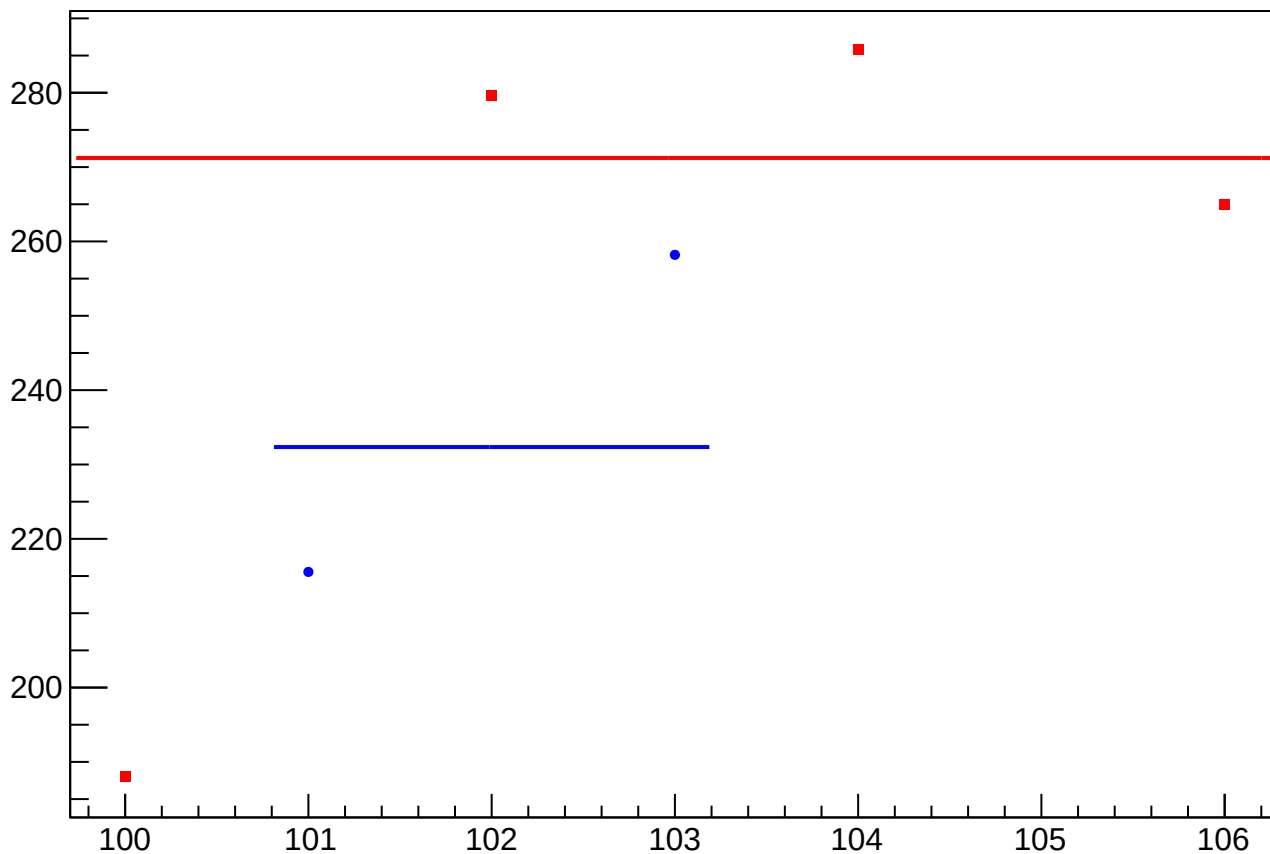
Right: -230.058+/-153.384 χ^2/NDF : 4.0/5

In: -186.789+/-209.988 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -230.058+/-153.384 χ^2/NDF : 4.0/5

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 232.347 $\pm$ 0.148 χ^2 /NDF: 19693.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.226 $\pm$ 0.159 χ^2 /NDF: 25710.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

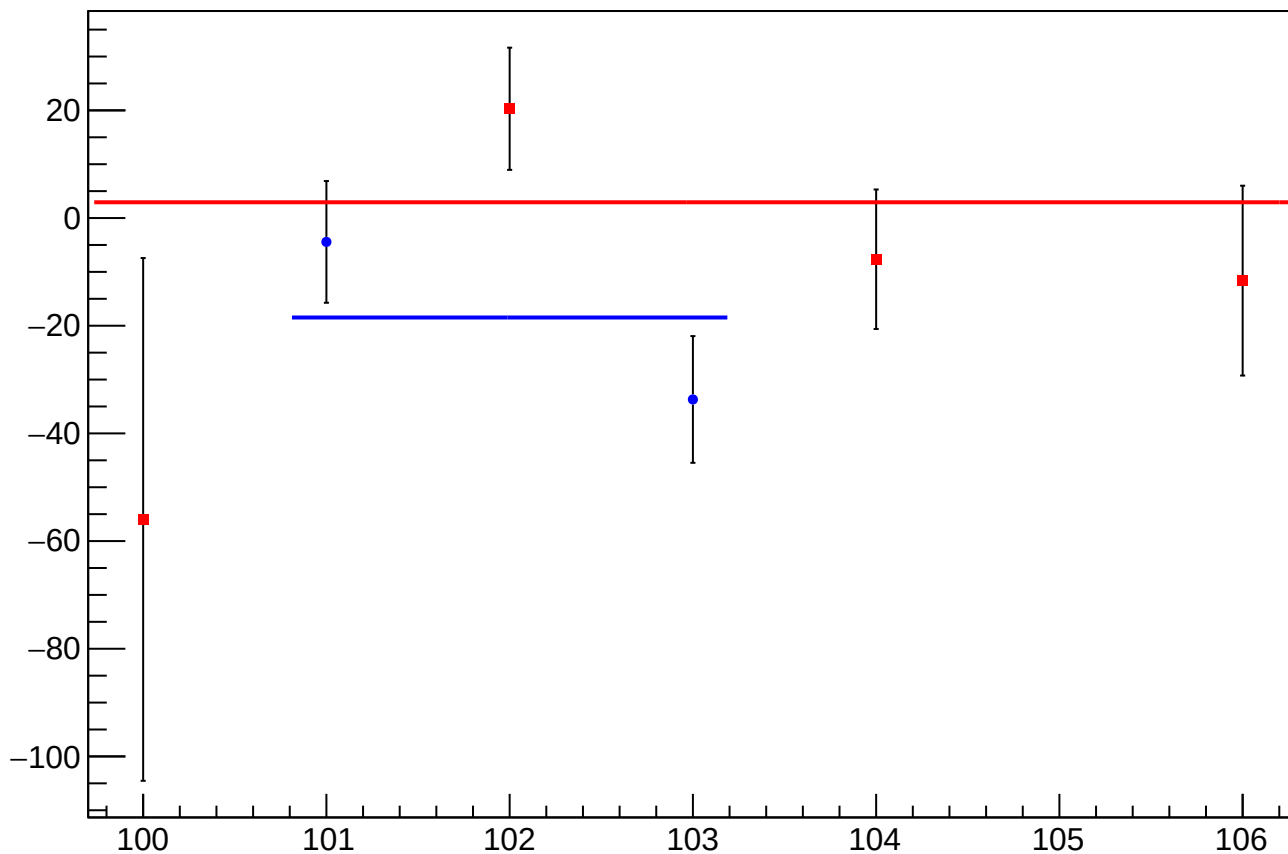
Right: 250.482 $\pm$ 0.108 χ^2 /NDF: 77385.2/5

In: 232.347 $\pm$ 0.148 χ^2 /NDF:19693.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 250.482 $\pm$ 0.108 χ^2 /NDF: 77385.2/5

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -18.472 ± 8.152 χ^2/NDF : 3.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.930 ± 7.589 χ^2/NDF : 5.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

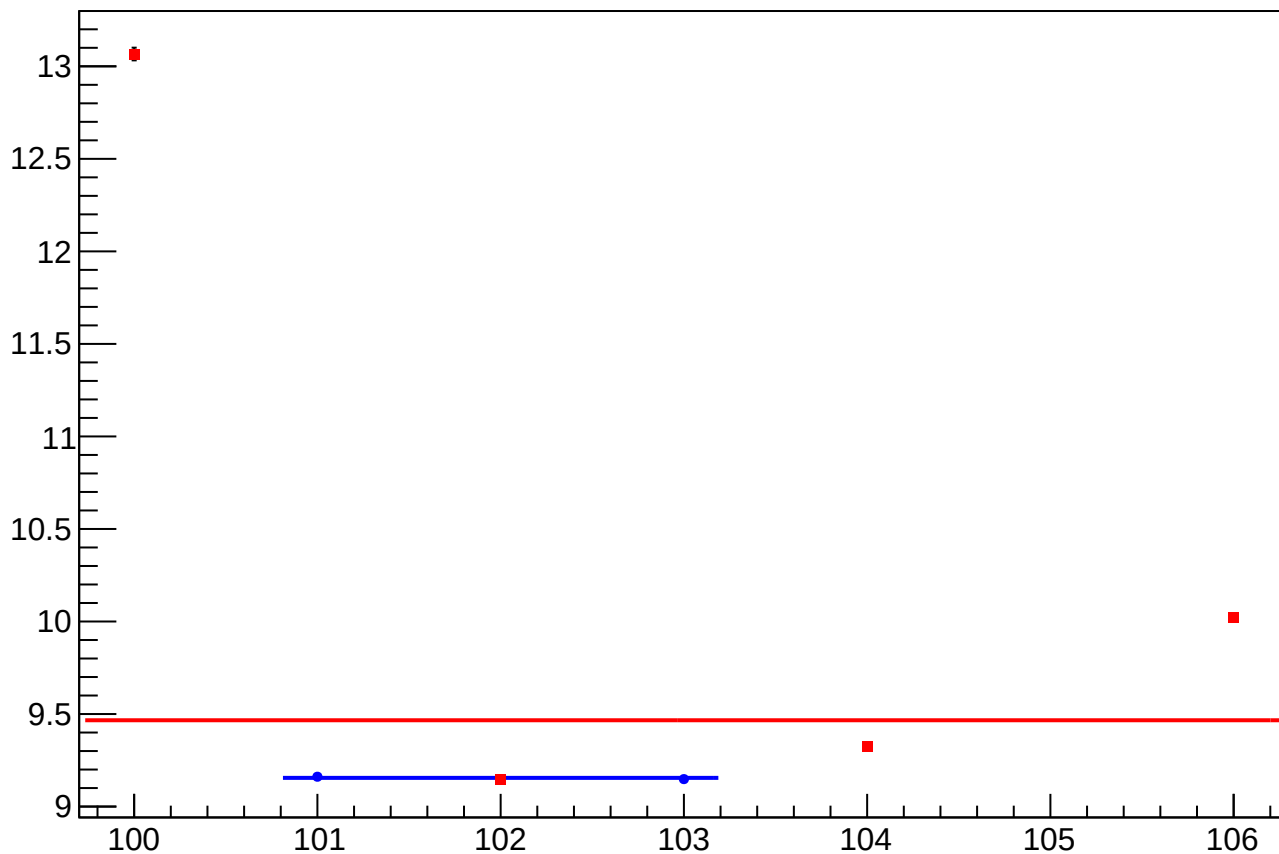
Right: -7.007 ± 5.555 χ^2/NDF : 12.1/5

In: -18.472 ± 8.152 χ^2/NDF : 3.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.007 ± 5.555 χ^2/NDF : 12.1/5

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.466+/-0.005 χ^2/NDF : 14780.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

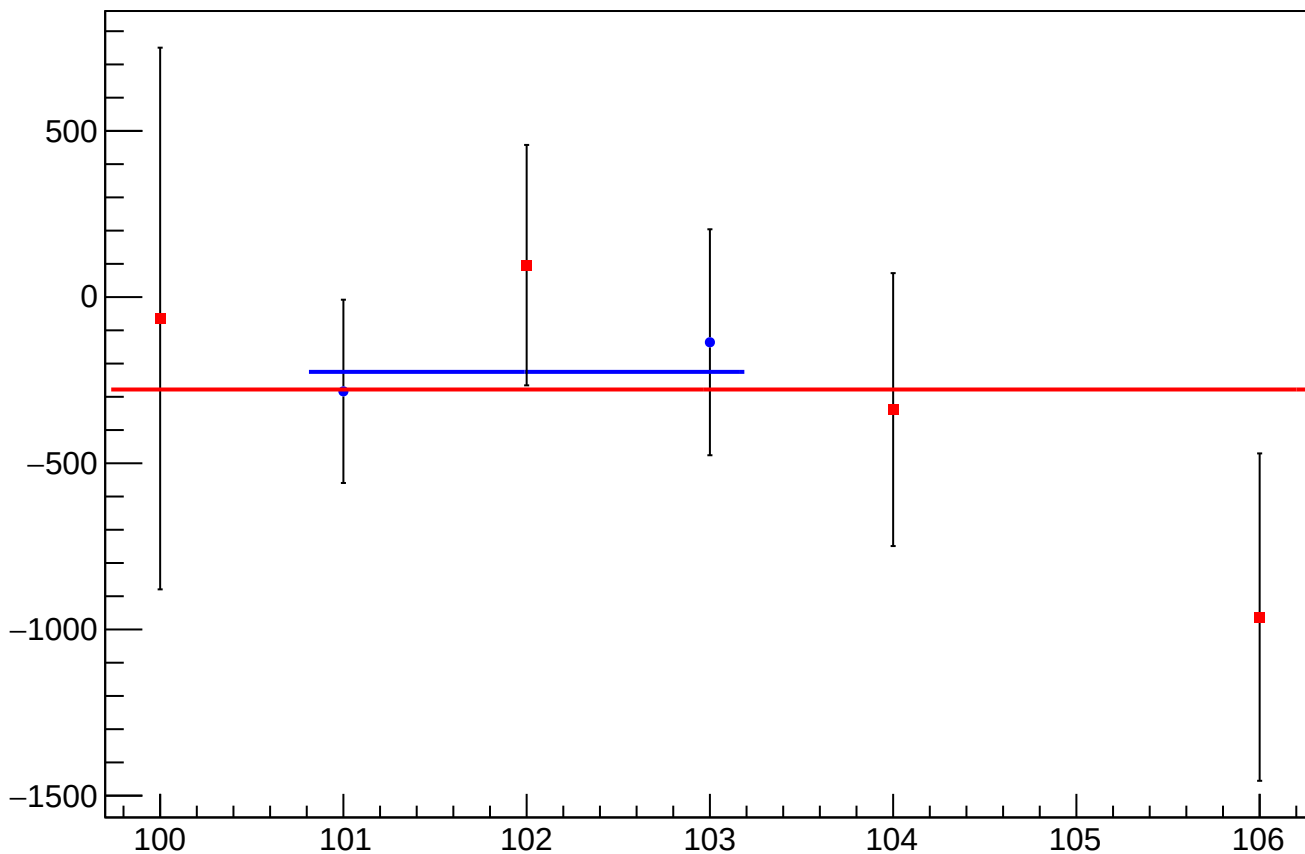
Right: 9.322+/-0.004 χ^2/NDF : 16344.8/5

In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.322+/-0.004 χ^2/NDF : 16344.8/5

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -224.962+/-214.136 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -278.004+/-228.186 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

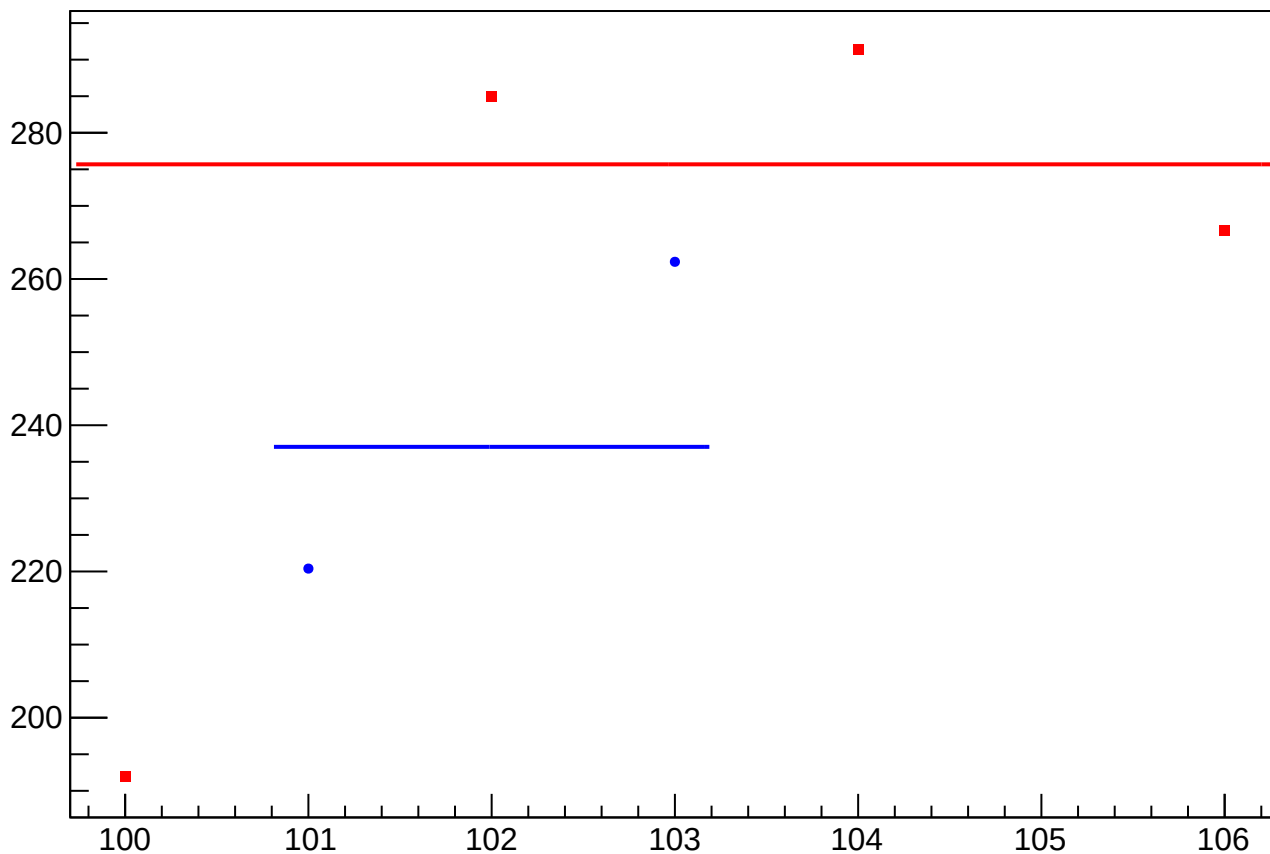
Right: -249.800+/-156.148 χ^2/NDF : 3.2/5

In: -224.962+/-214.136 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.800+/-156.148 χ^2/NDF : 3.2/5

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 237.044 $\pm$ 0.151 χ^2 /NDF: 18378.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.684 $\pm$ 0.161 χ^2 /NDF: 26023.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

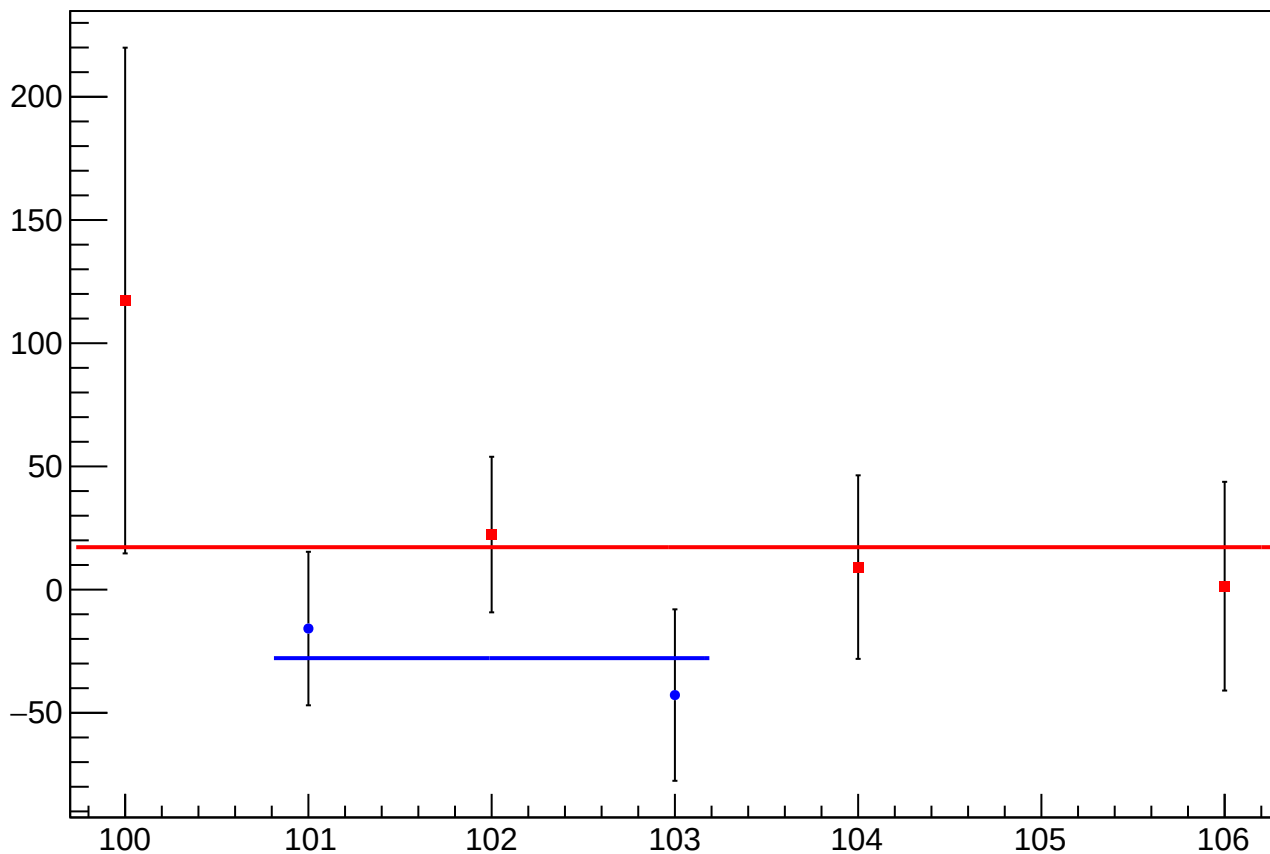
Right: 255.138 $\pm$ 0.110 χ^2 /NDF: 74896.7/5

In: 237.044 $\pm$ 0.151 χ^2 /NDF:18378.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 255.138 $\pm$ 0.110 χ^2 /NDF: 74896.7/5

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -27.807 $\pm$ 23.207 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.224 $\pm$ 20.512 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

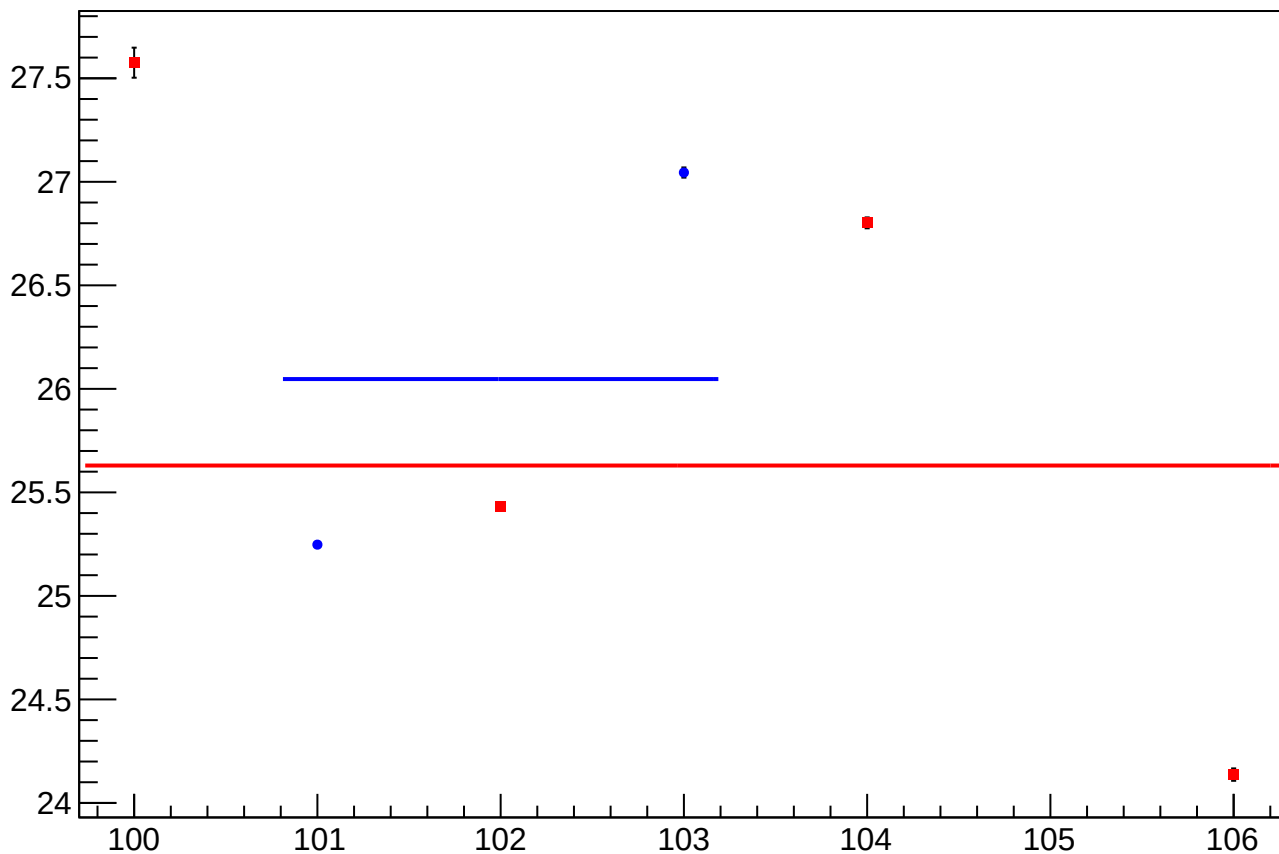
Right: -2.526 $\pm$ 15.369 χ^2 /NDF: 3.6/5

In: -27.807 $\pm$ 23.207 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.526 $\pm$ 15.369 χ^2 /NDF: 3.6/5

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 26.047 ± 0.016 $\chi^2/\text{NDF}: 2962.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.630 ± 0.015 $\chi^2/\text{NDF}: 5261.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

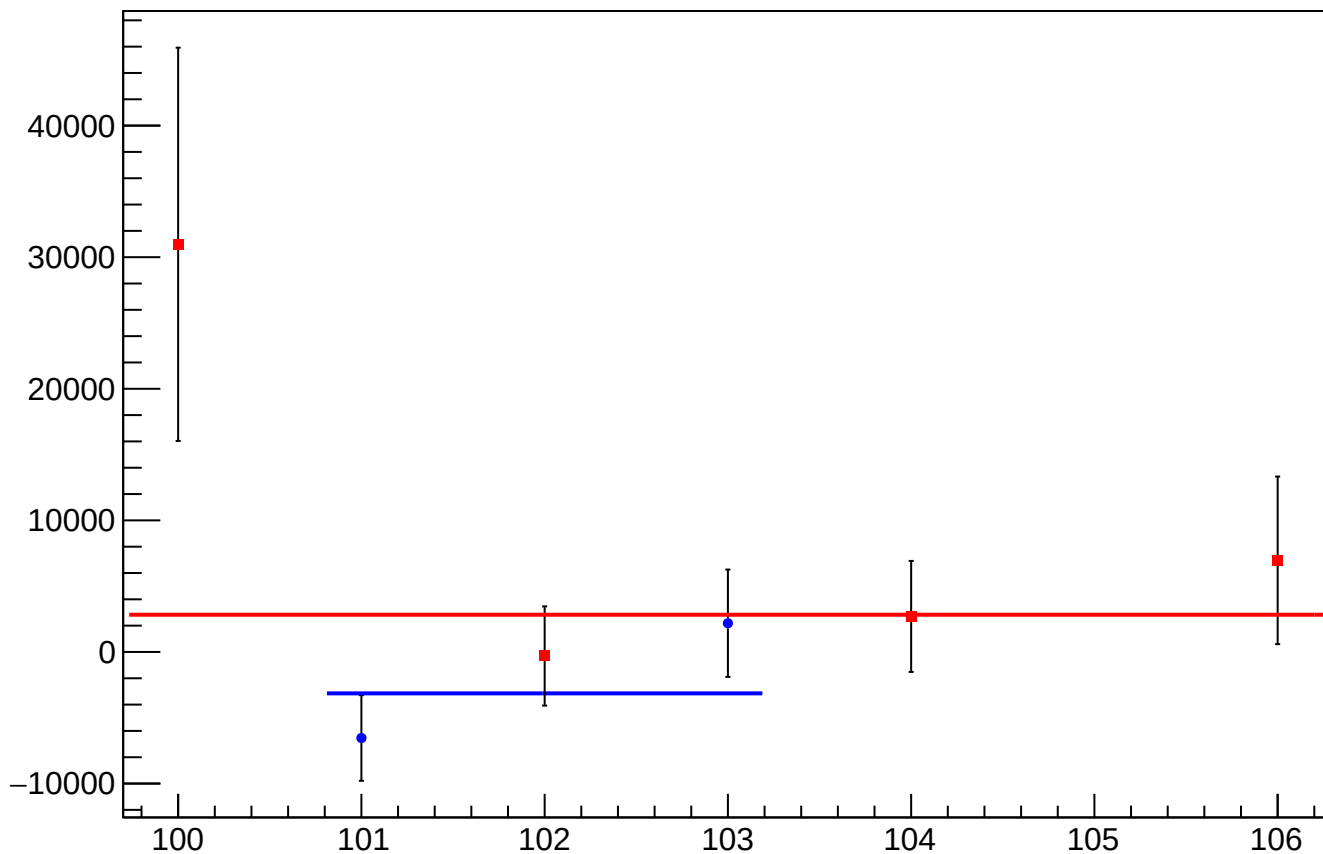
Right: 25.813 ± 0.011 $\chi^2/\text{NDF}: 8588.0/5$

In: 26.047 ± 0.016 $\chi^2/\text{NDF}: 2962.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 25.813 ± 0.011 $\chi^2/\text{NDF}: 8588.0/5$

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -3146.937 $\pm$ 2543.658 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2828.748 $\pm$ 2533.845 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

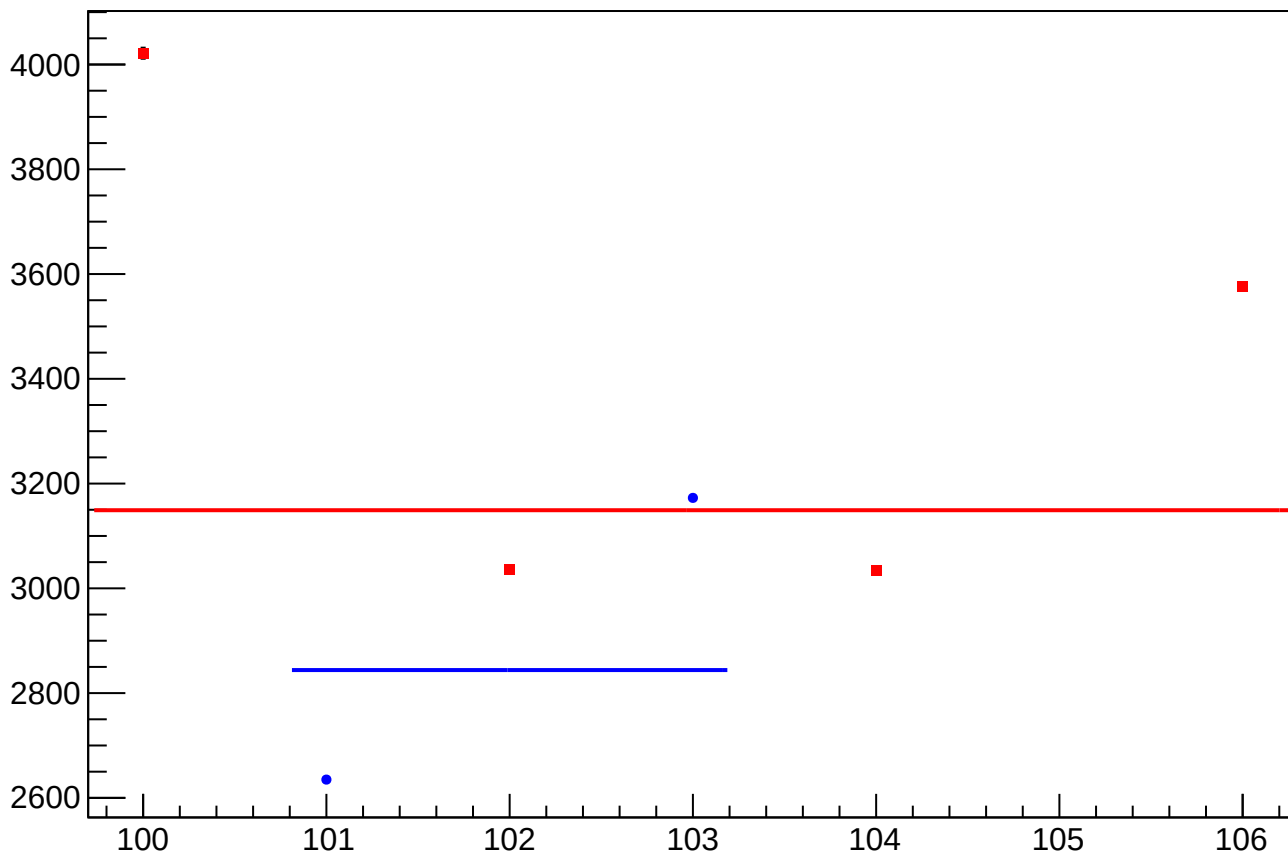
Right: -147.546 $\pm$ 1795.158 χ^2 /NDF: 10.2/5

In: -3146.937 $\pm$ 2543.658 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -147.546 $\pm$ 1795.158 χ^2 /NDF: 10.2/5

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.138+/-1.792 χ^2/NDF : 19097.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

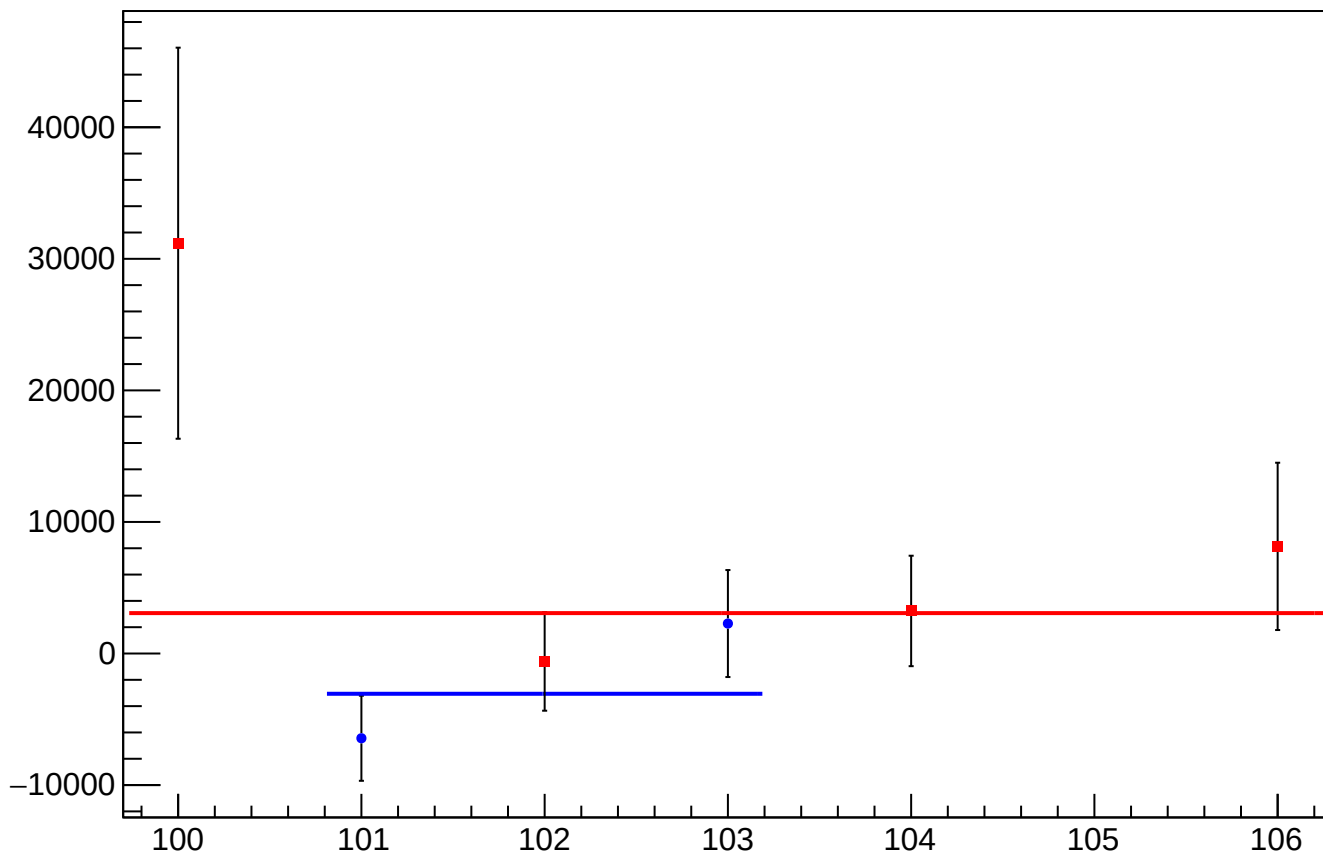
Right: 2997.153+/-1.269 χ^2/NDF : 54789.2/5

In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.153+/-1.269 χ^2/NDF : 54789.2/5

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3060.341+/-2531.690 χ^2 /NDF: 2.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3071.140+/-2520.969 χ^2 /NDF: 5.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

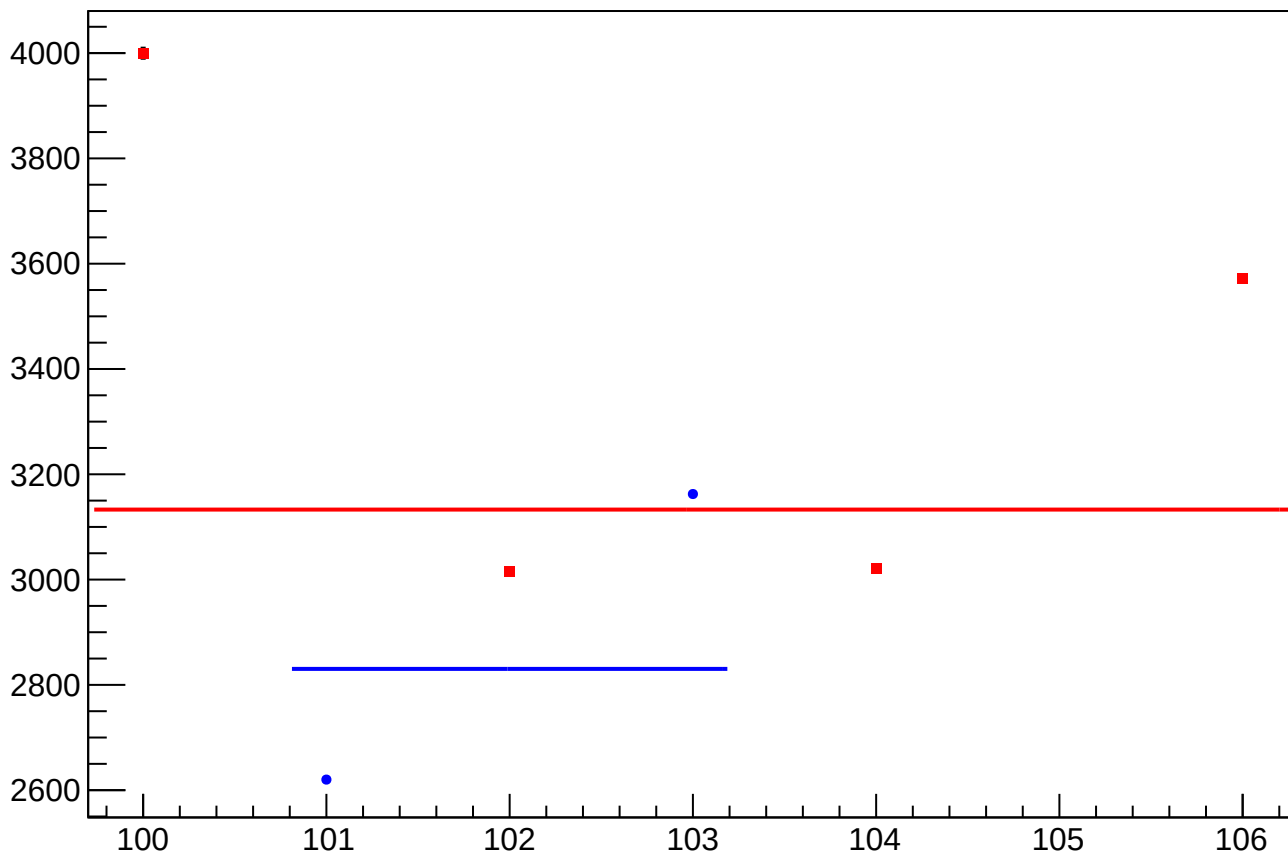
Right: 18.409+/-1786.373 χ^2 /NDF: 10.9/5

In: -3060.341+/-2531.690 χ^2 /NDF: 2.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 18.409+/-1786.373 χ^2 /NDF: 10.9/5

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.964+/-1.783 χ^2/NDF : 19699.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

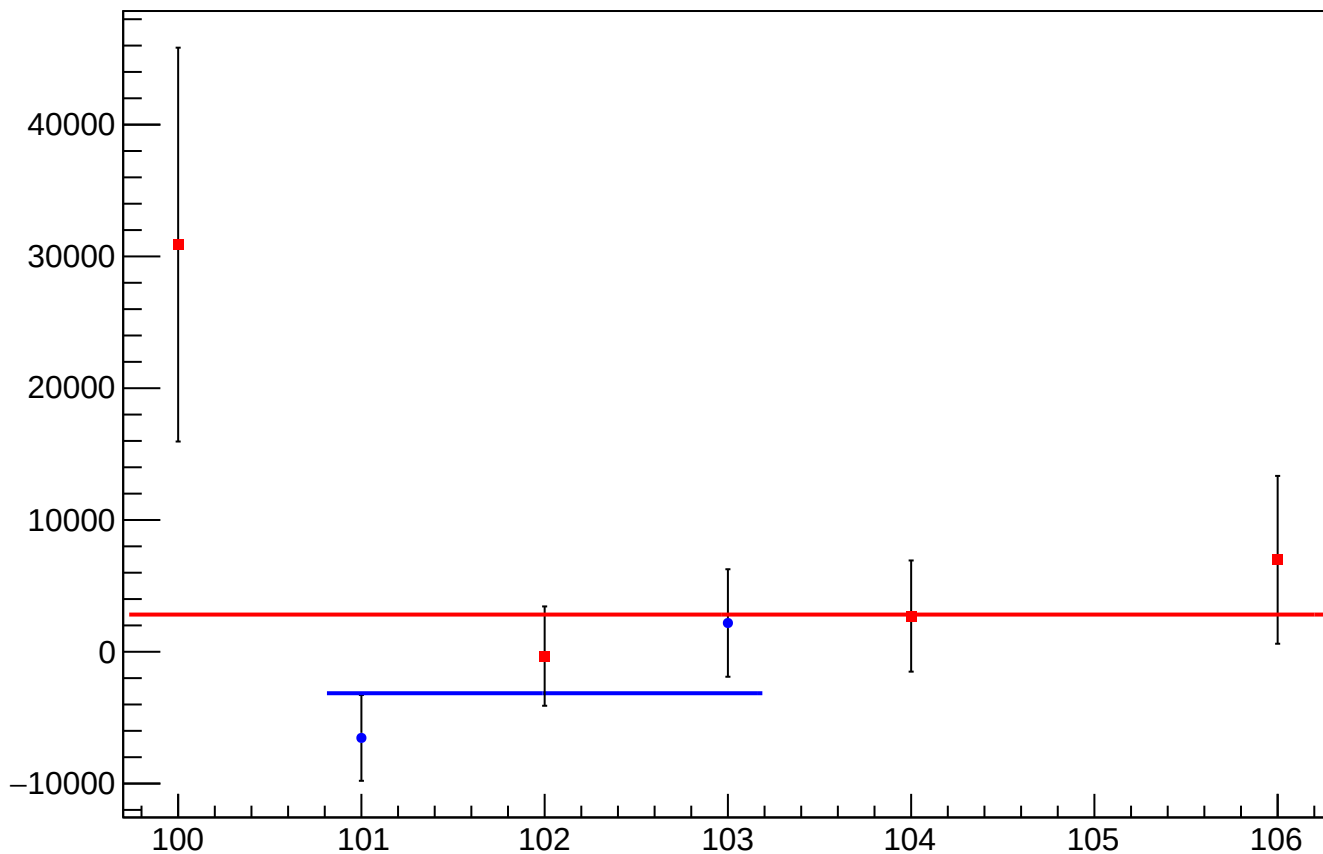
Right: 2982.304+/-1.263 χ^2/NDF : 55839.1/5

In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.304+/-1.263 χ^2/NDF : 55839.1/5

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -3145.837 $\pm$ 2543.855 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2823.471 $\pm$ 2534.059 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

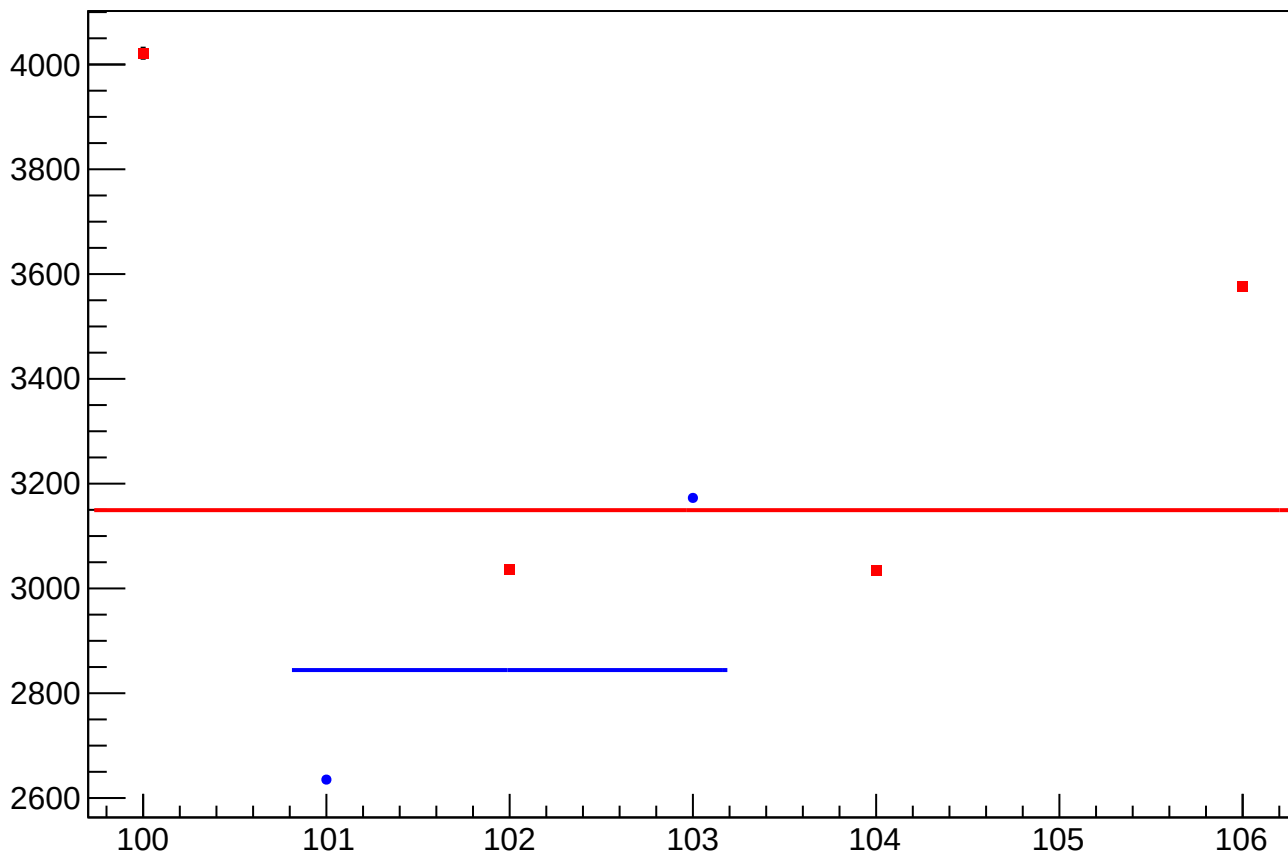
Right: -149.667 $\pm$ 1795.303 χ^2 /NDF: 10.2/5

In: -3145.837 $\pm$ 2543.855 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.667 $\pm$ 1795.303 χ^2 /NDF: 10.2/5

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3149.417+/-1.792 χ^2/NDF : 19074.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

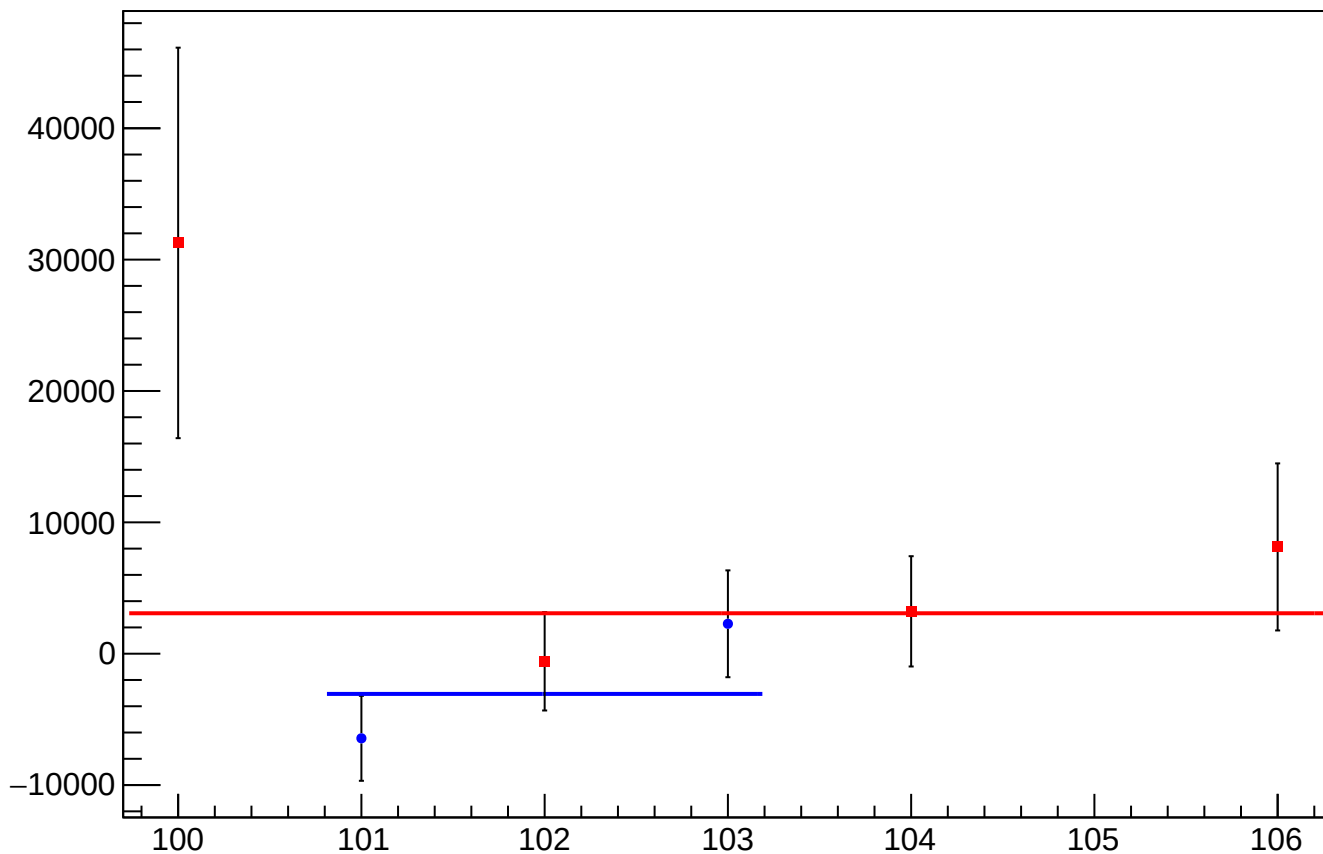
Right: 2997.405+/-1.269 χ^2/NDF : 54753.4/5

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2997.405+/-1.269 χ^2/NDF : 54753.4/5

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -3060.987+/-2531.797 χ^2 /NDF: 2.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3078.596+/-2521.123 χ^2 /NDF: 5.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

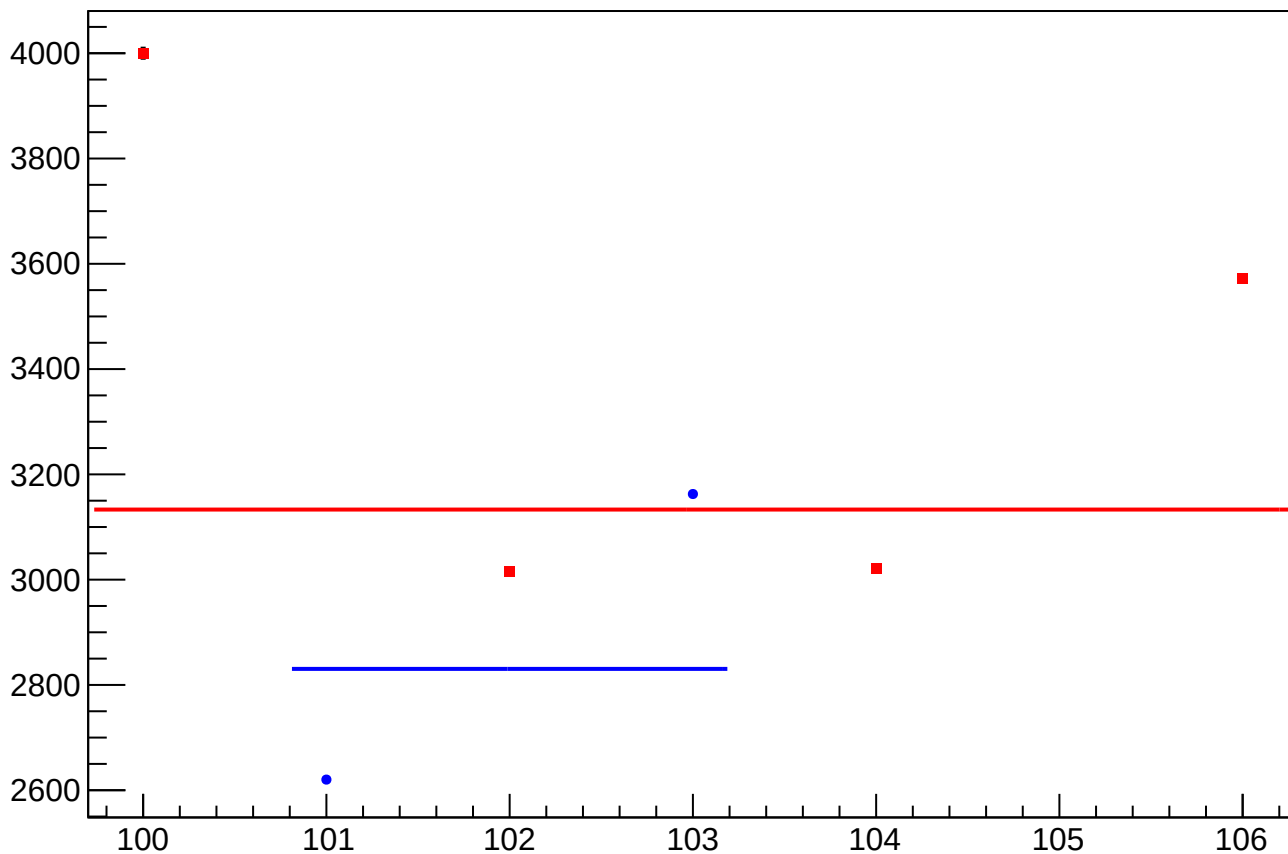
Right: 21.775+/-1786.465 χ^2 /NDF: 10.9/5

In: -3060.987+/-2531.797 χ^2 /NDF: 2.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 21.775+/-1786.465 χ^2 /NDF: 10.9/5

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3133.153+/-1.783 χ^2/NDF : 19701.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

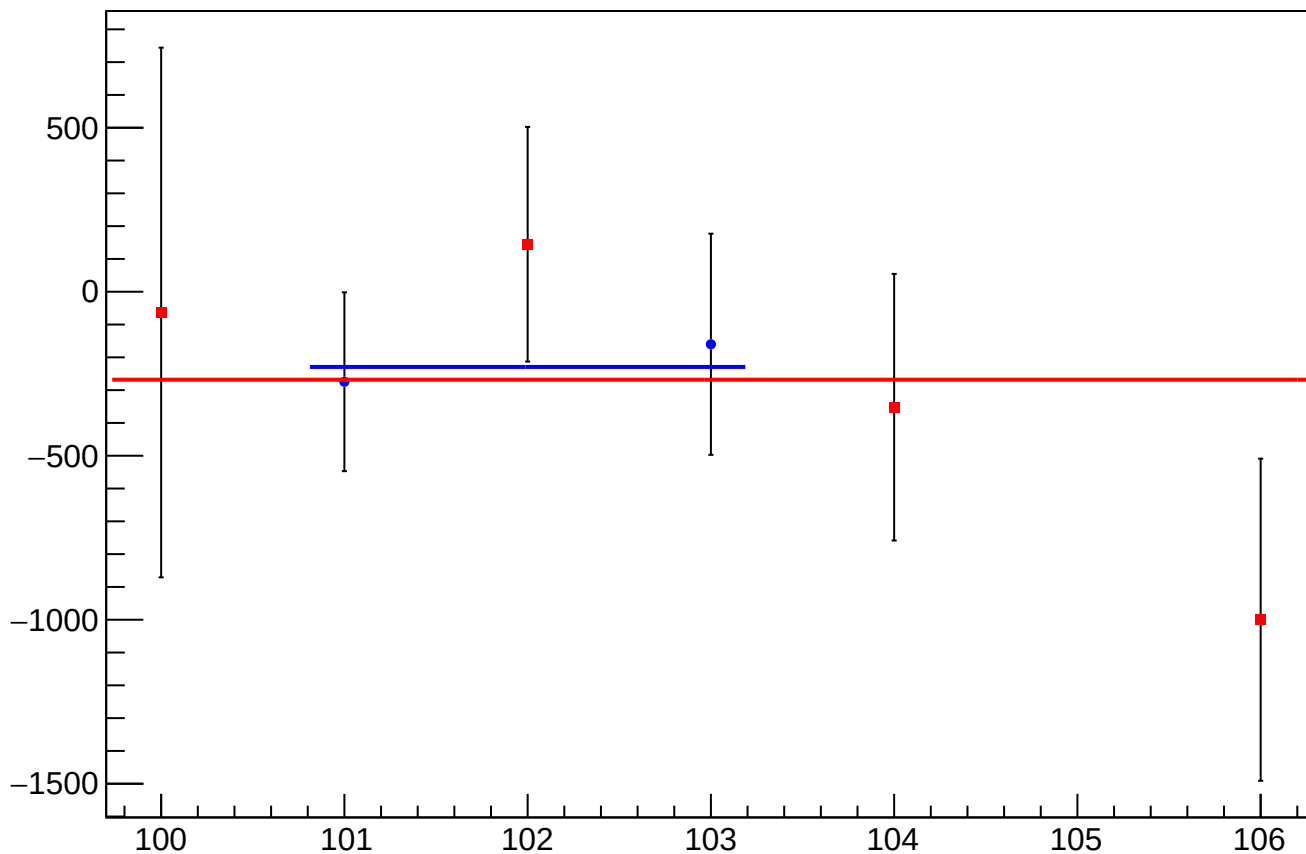
Right: 2982.455+/-1.263 χ^2/NDF : 55851.1/5

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2982.455+/-1.263 χ^2/NDF : 55851.1/5

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -229.288 $\pm$ 211.969 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -268.244 $\pm$ 226.189 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

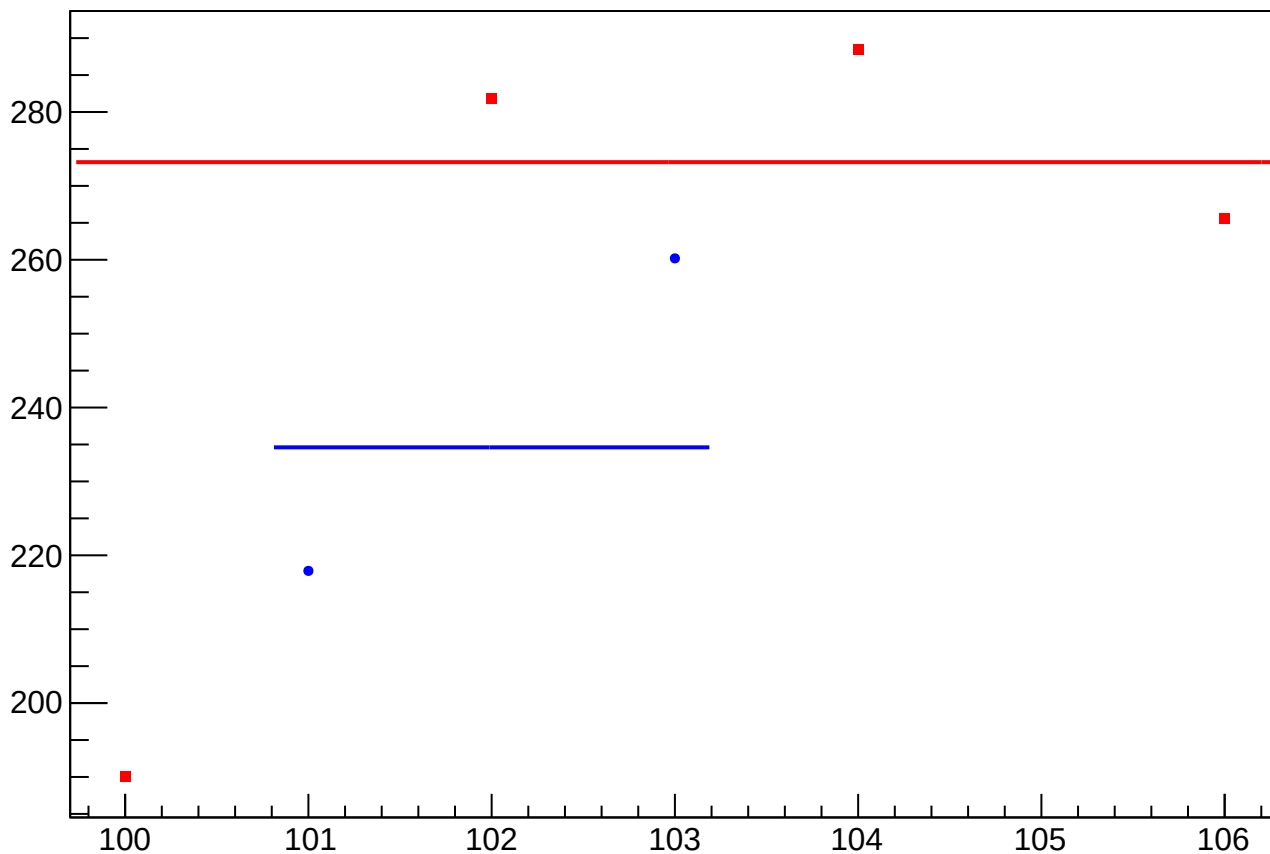
Right: -247.503 $\pm$ 154.668 χ^2 /NDF: 3.7/5

In: -229.288 $\pm$ 211.969 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -247.503 $\pm$ 154.668 χ^2 /NDF: 3.7/5

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 234.612 $\pm$ 0.150 χ^2 /NDF: 19033.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 273.215 $\pm$ 0.160 χ^2 /NDF: 25655.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

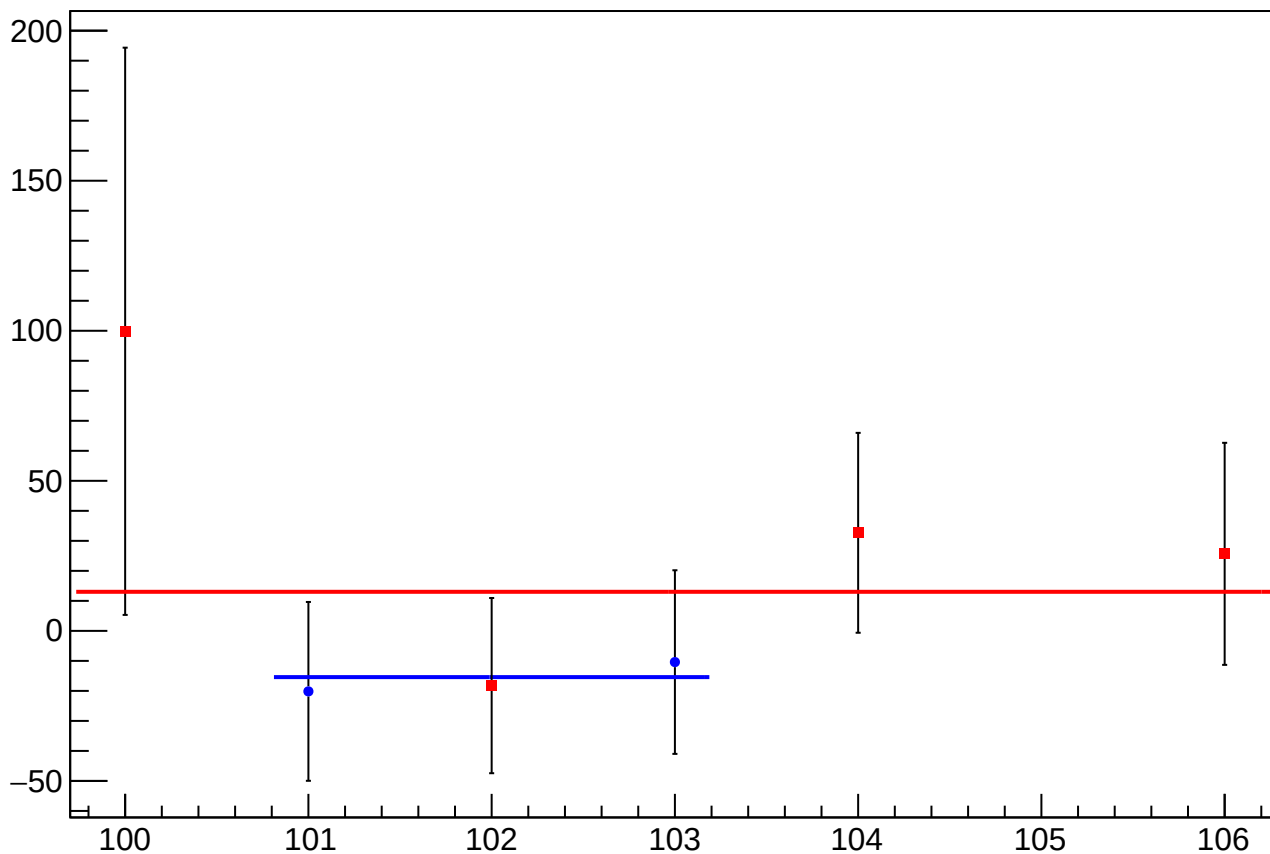
Right: 252.662 $\pm$ 0.109 χ^2 /NDF: 75704.7/5

In: 234.612 $\pm$ 0.150 χ^2 /NDF:19033.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.662 $\pm$ 0.109 χ^2 /NDF: 75704.7/5

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: -15.406 $\pm$ 21.345 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.022 $\pm$ 18.513 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

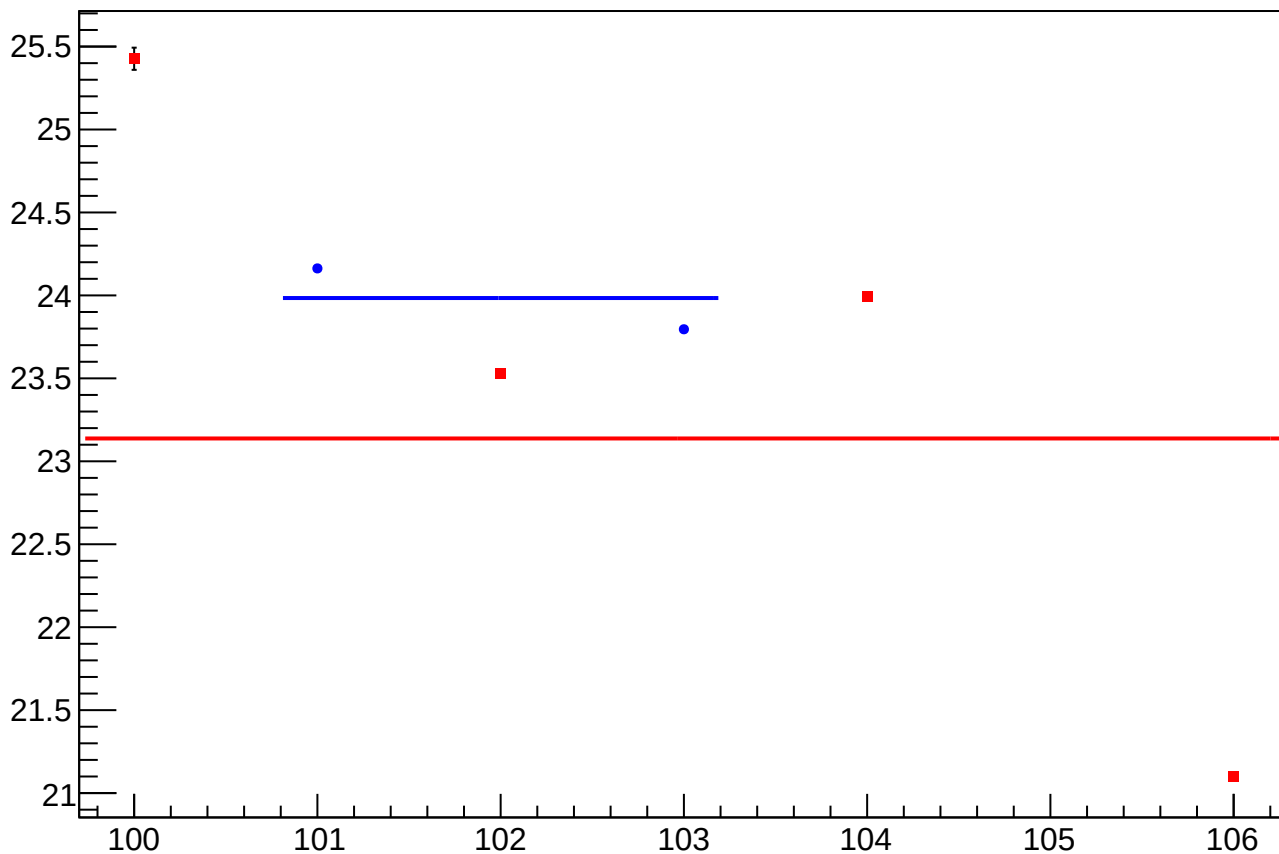
Right: 0.817 $\pm$ 13.986 χ^2 /NDF: 3.5/5

In: -15.406 $\pm$ 21.345 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.817 $\pm$ 13.986 χ^2 /NDF: 3.5/5

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.138+/-0.013 χ^2/NDF : 8917.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

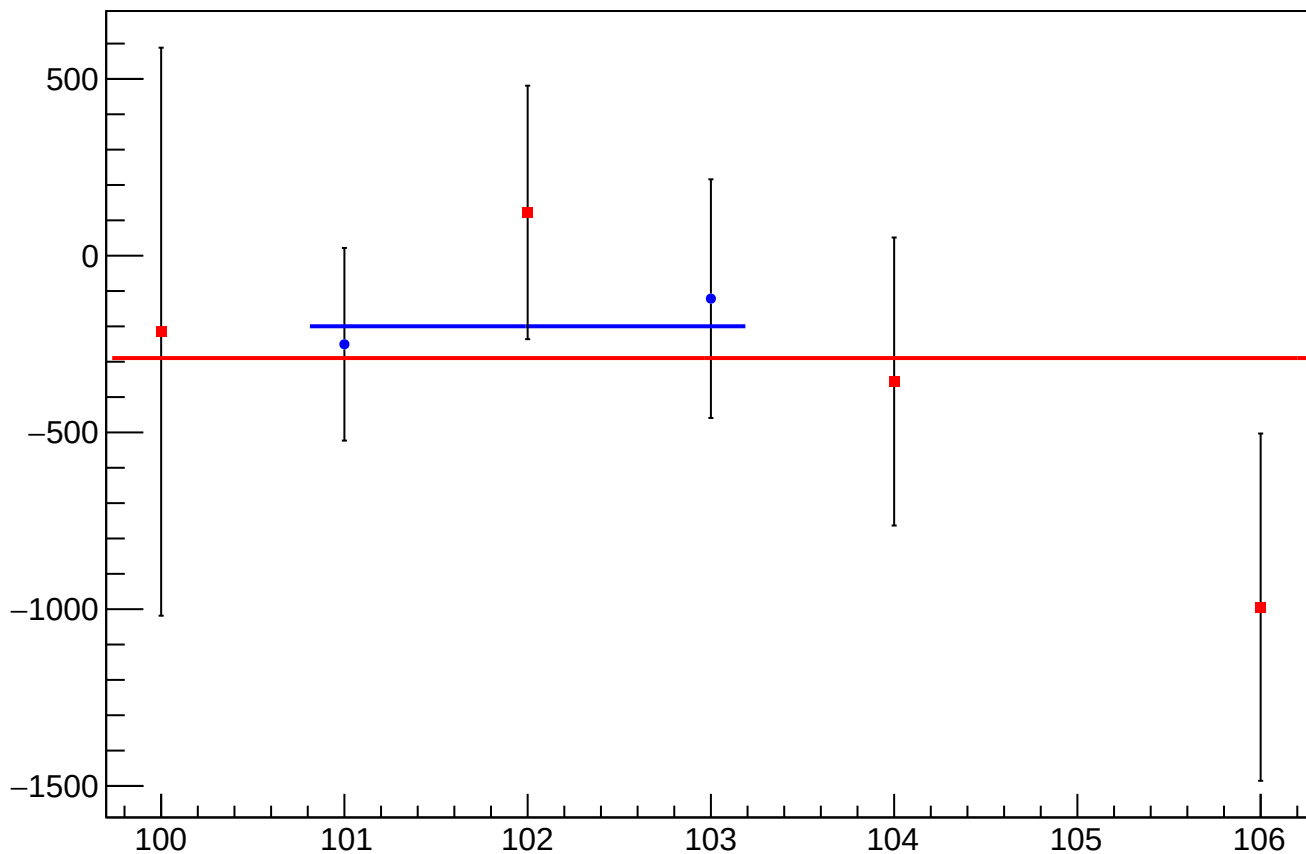
Right: 23.501+/-0.010 χ^2/NDF : 10860.4/5

In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.501+/-0.010 χ^2/NDF : 10860.4/5

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -289.608+/-226.458 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

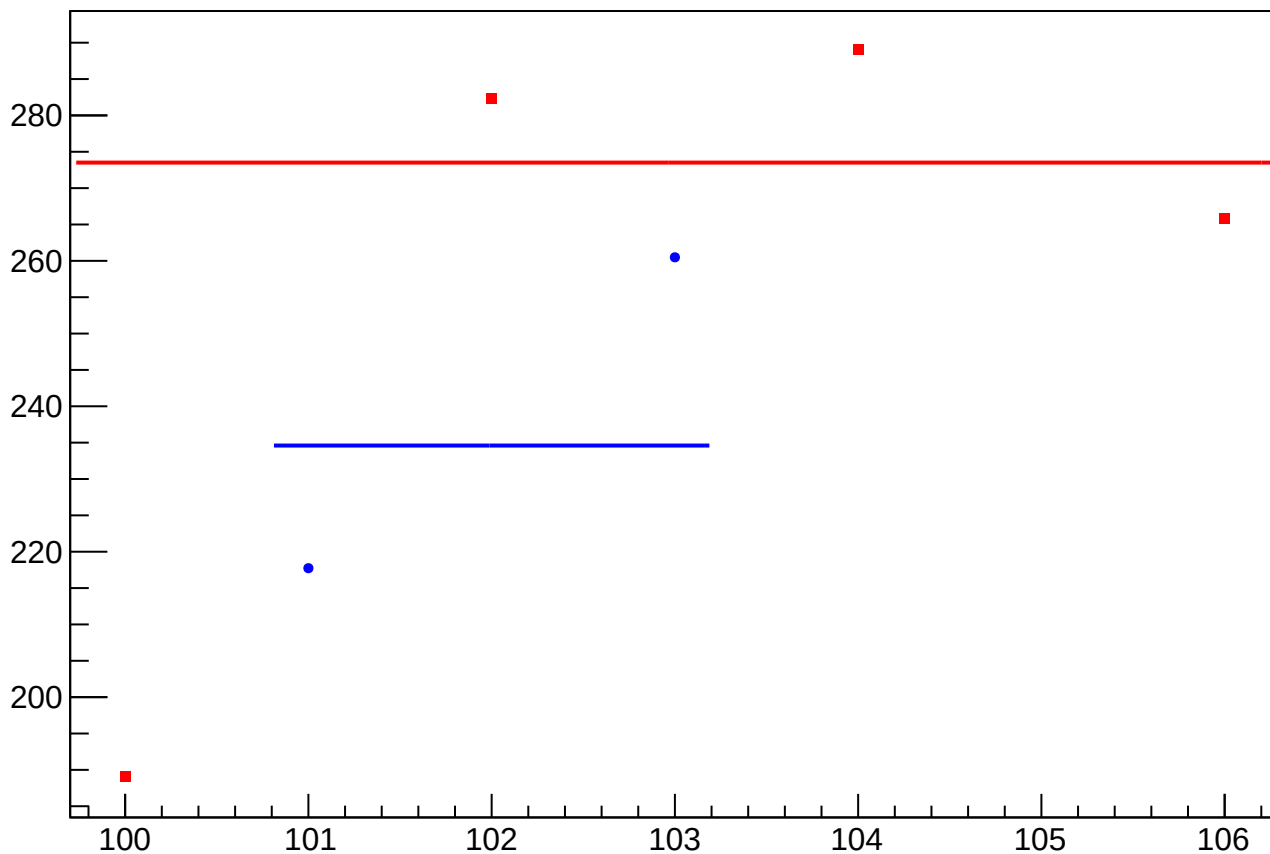
Right: -241.696+/-154.772 χ^2/NDF : 3.6/5

In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.696+/-154.772 χ^2/NDF : 3.6/5

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 234.600 $\pm$ 0.150 χ^2 /NDF: 19424.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 273.513 $\pm$ 0.160 χ^2 /NDF: 26706.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

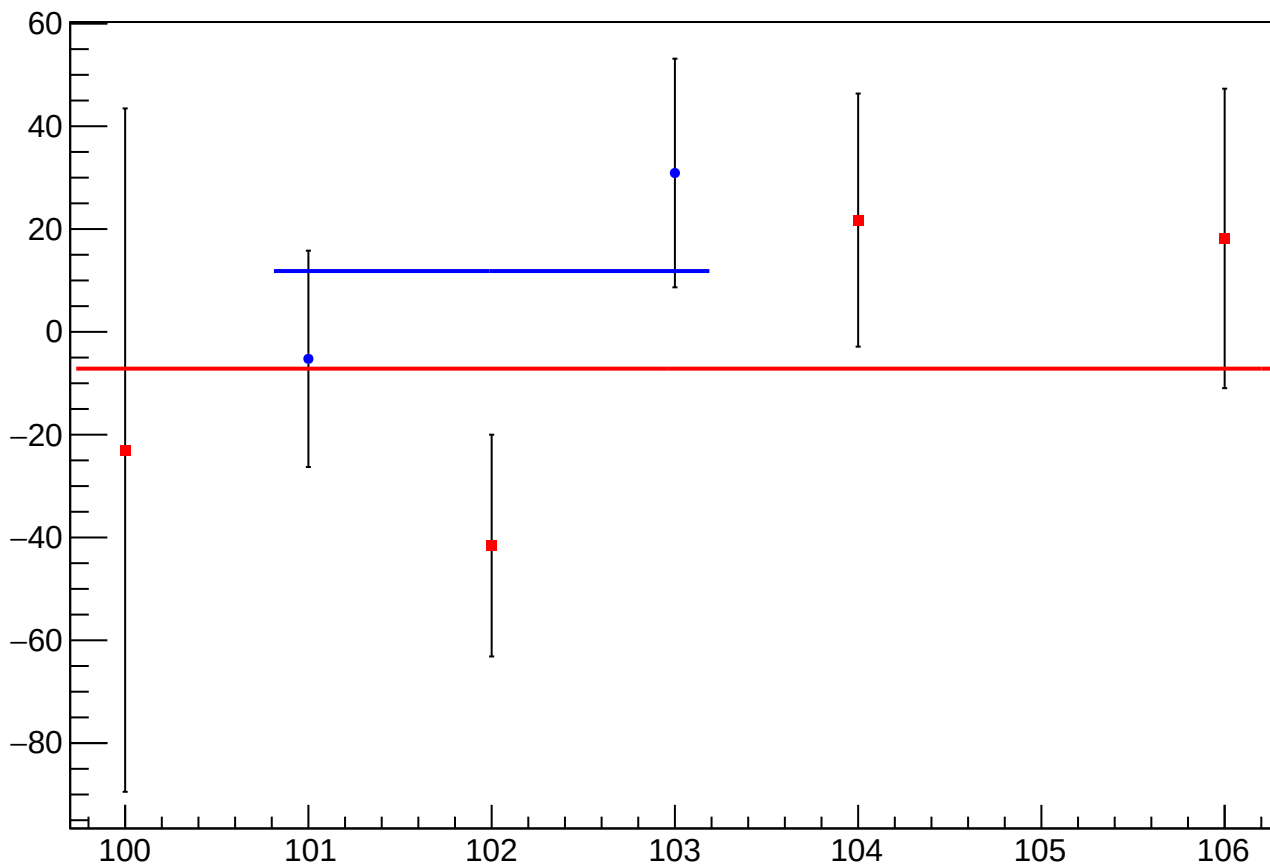
Right: 252.776 $\pm$ 0.109 χ^2 /NDF: 77599.7/5

In: 234.600 $\pm$ 0.150 χ^2 /NDF:19424.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.776 $\pm$ 0.109 χ^2 /NDF: 77599.7/5

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 11.831 $\pm$ 15.286 χ^2 /NDF: 1.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.157 $\pm$ 13.862 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

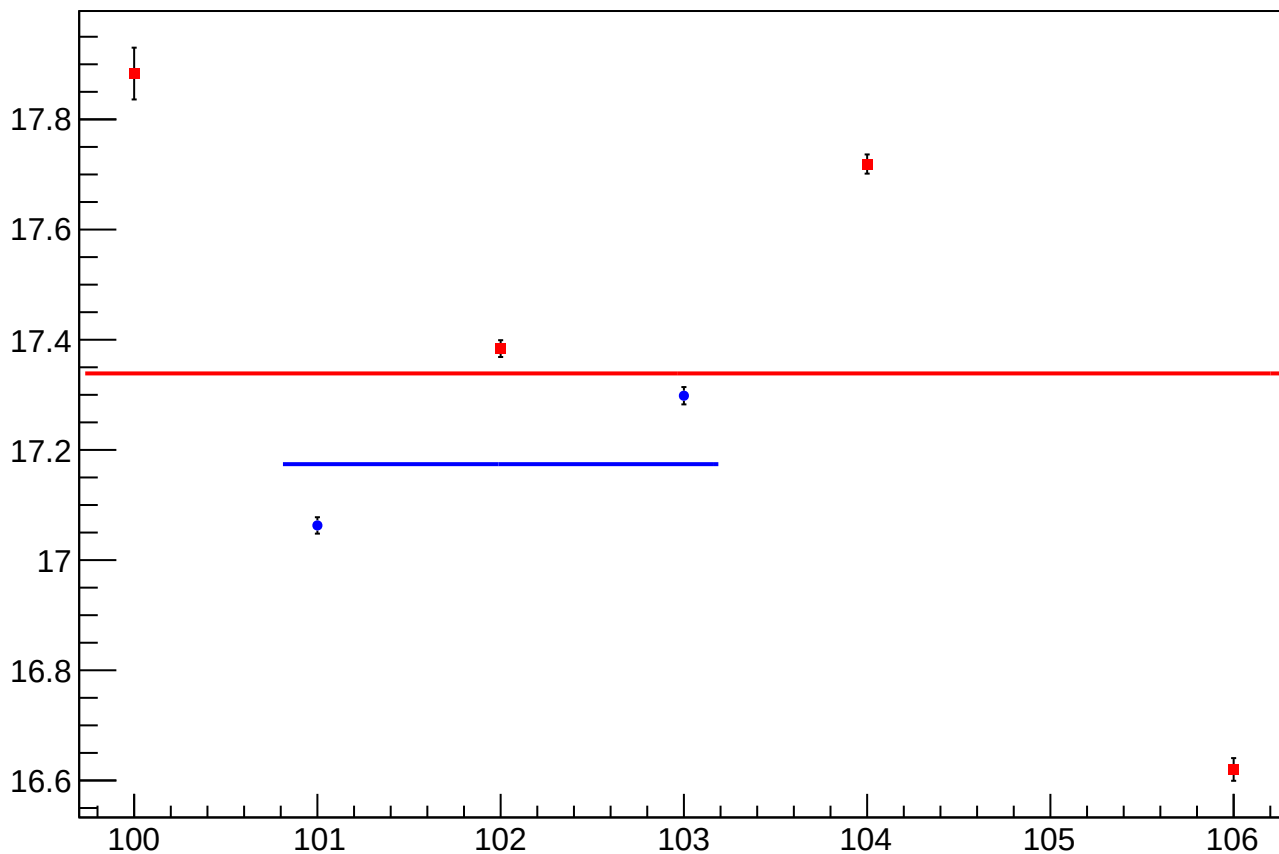
Right: 1.412 $\pm$ 10.269 χ^2 /NDF: 7.0/5

In: 11.831 $\pm$ 15.286 χ^2 /NDF: 1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.412 $\pm$ 10.269 χ^2 /NDF: 7.0/5

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.174 $\pm$ 0.011 χ^2 /NDF: 118.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.339 $\pm$ 0.010 χ^2 /NDF: 1837.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

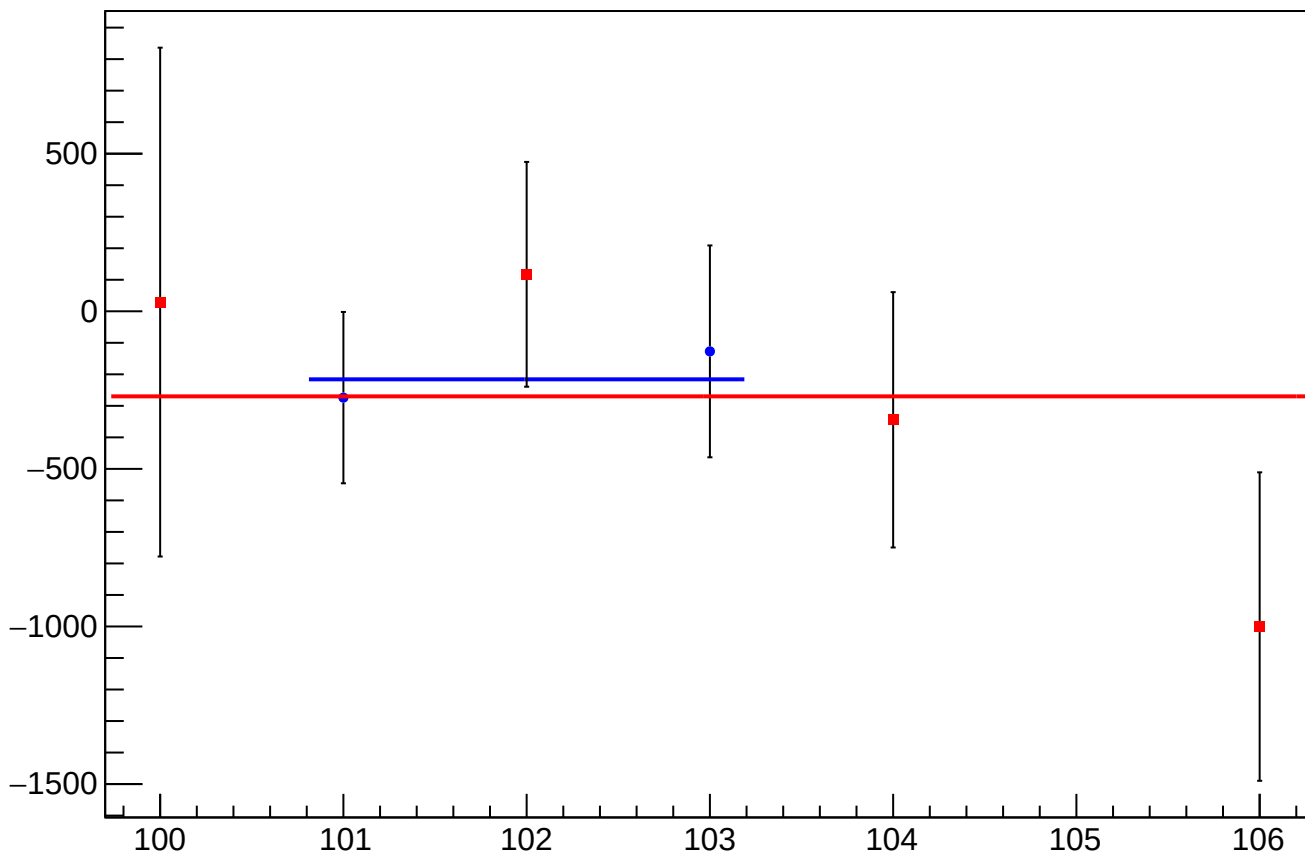
Right: 17.265 $\pm$ 0.007 χ^2 /NDF: 2083.4/5

In: 17.174 $\pm$ 0.011 χ^2 /NDF:118.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.265 $\pm$ 0.007 χ^2 /NDF: 2083.4/5

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -215.890+/-211.347 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -269.917+/-225.476 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

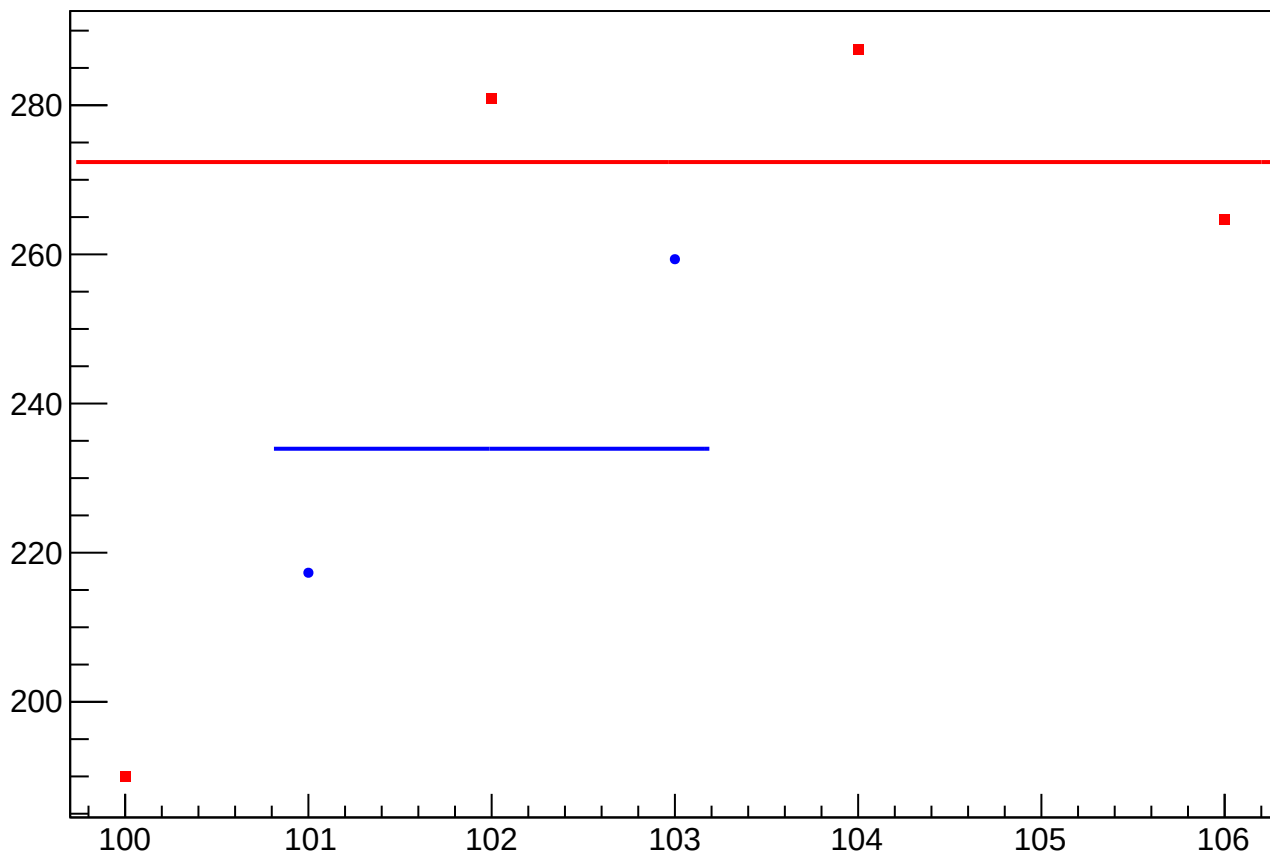
Right: -241.158+/-154.198 χ^2/NDF : 3.7/5

In: -215.890+/-211.347 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.158+/-154.198 χ^2/NDF : 3.7/5

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 233.939 $\pm$ 0.149 χ^2 /NDF: 18921.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.380 $\pm$ 0.159 χ^2 /NDF: 25243.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

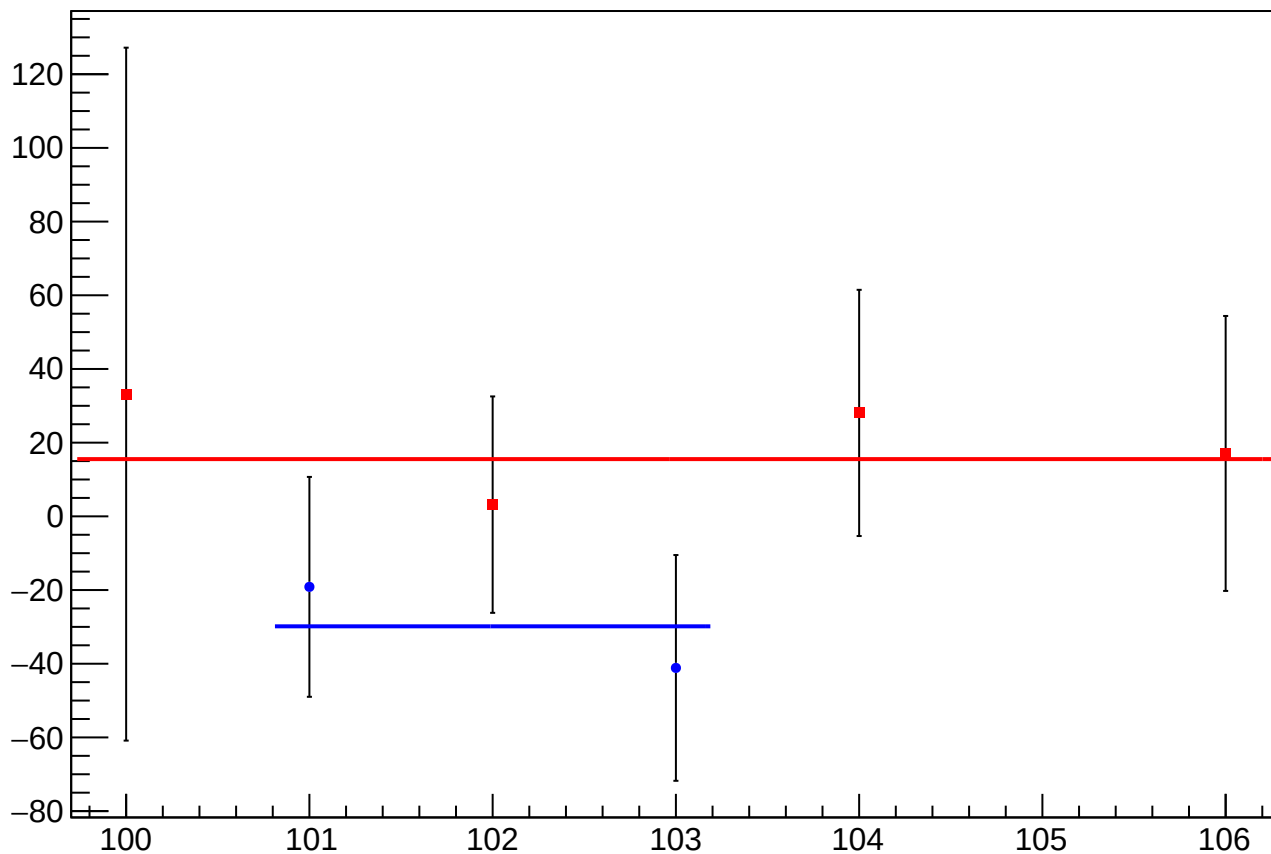
Right: 251.917 $\pm$ 0.109 χ^2 /NDF: 75109.8/5

In: 233.939 $\pm$ 0.149 χ^2 /NDF: 18921.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.917 $\pm$ 0.109 χ^2 /NDF: 75109.8/5

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.535 ± 18.612 χ^2/NDF : 0.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

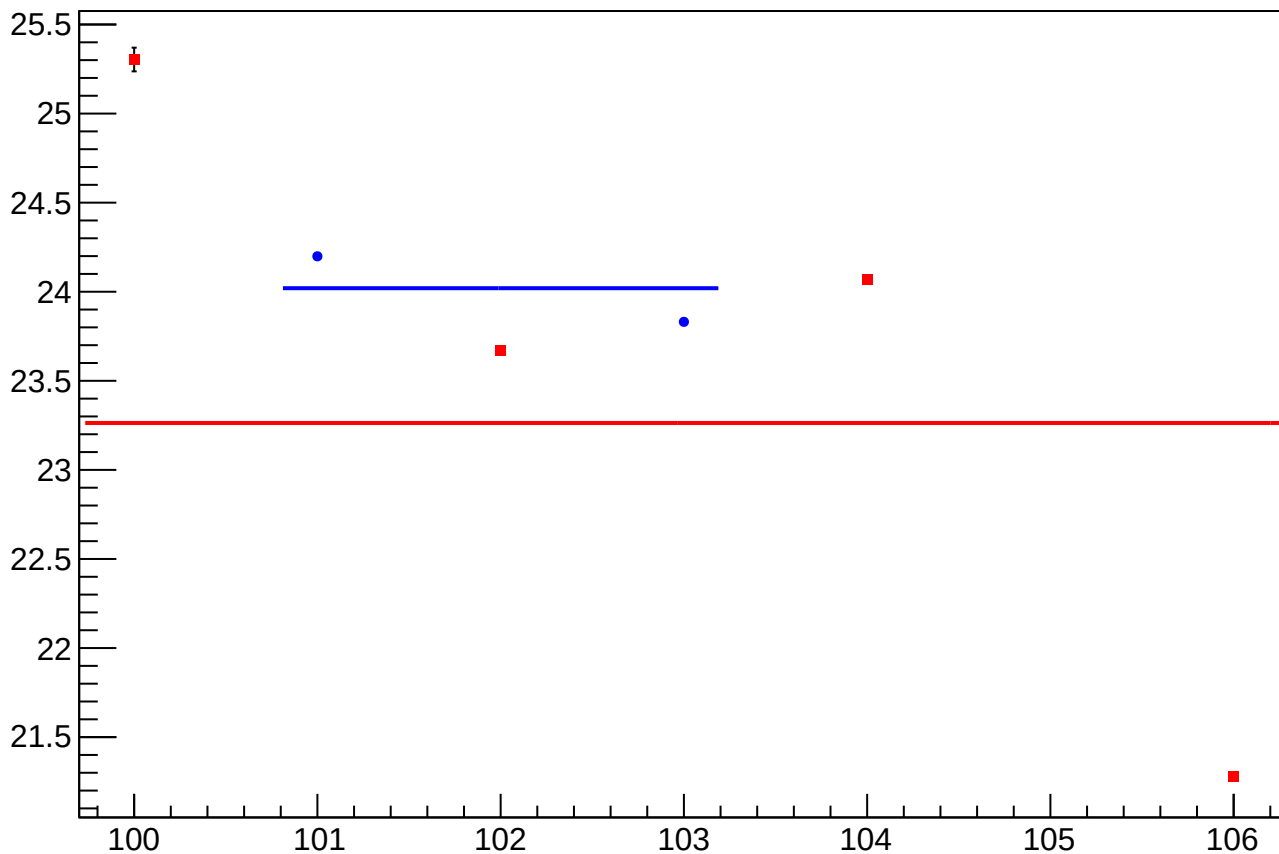
Right: -4.034 ± 14.037 χ^2/NDF : 3.2/5

In: -29.849 ± 21.377 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.034 ± 14.037 χ^2/NDF : 3.2/5

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 24.020 $\pm$ 0.015 χ^2 /NDF: 148.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.263 $\pm$ 0.013 χ^2 /NDF: 8129.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

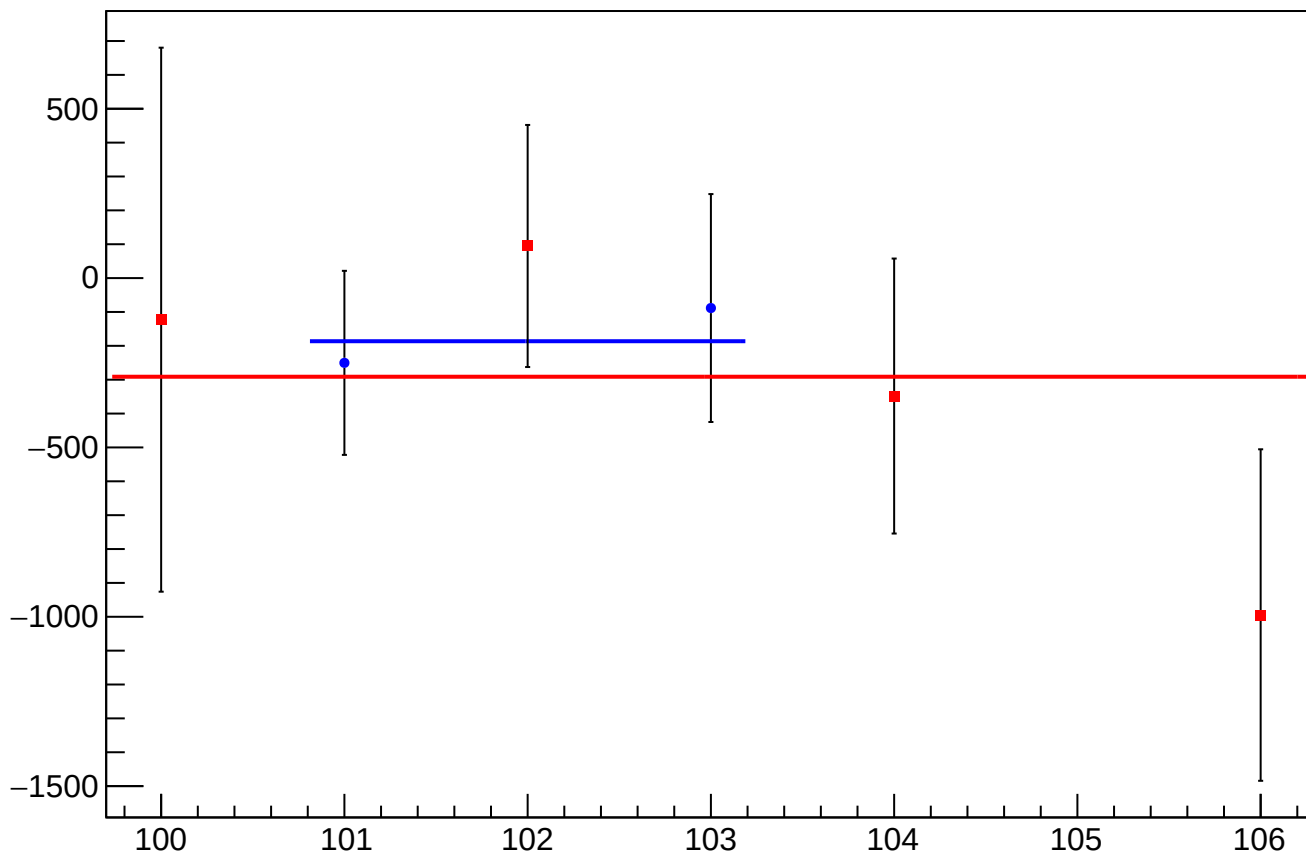
Right: 23.590 $\pm$ 0.010 χ^2 /NDF: 9701.9/5

In: 24.020 $\pm$ 0.015 χ^2 /NDF:148.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.590 $\pm$ 0.010 χ^2 /NDF: 9701.9/5

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -186.390 ± 211.397 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -291.246 ± 225.746 $\chi^2/\text{NDF}: 3.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

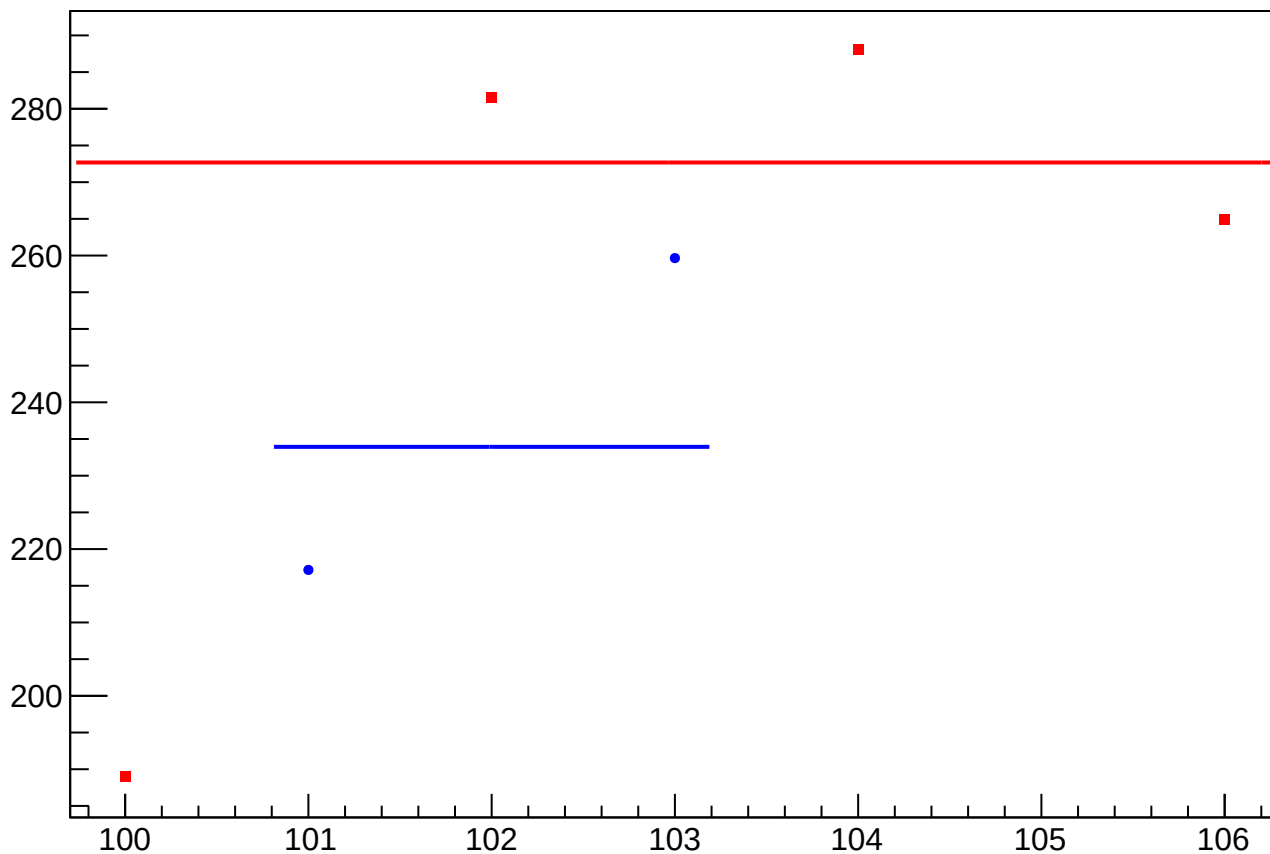
Right: -235.380 ± 154.304 $\chi^2/\text{NDF}: 3.6/5$

In: -186.390 ± 211.397 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -235.380 ± 154.304 $\chi^2/\text{NDF}: 3.6/5$

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 233.932 $\pm$ 0.149 χ^2 /NDF: 19306.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 272.680 $\pm$ 0.160 χ^2 /NDF: 26291.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

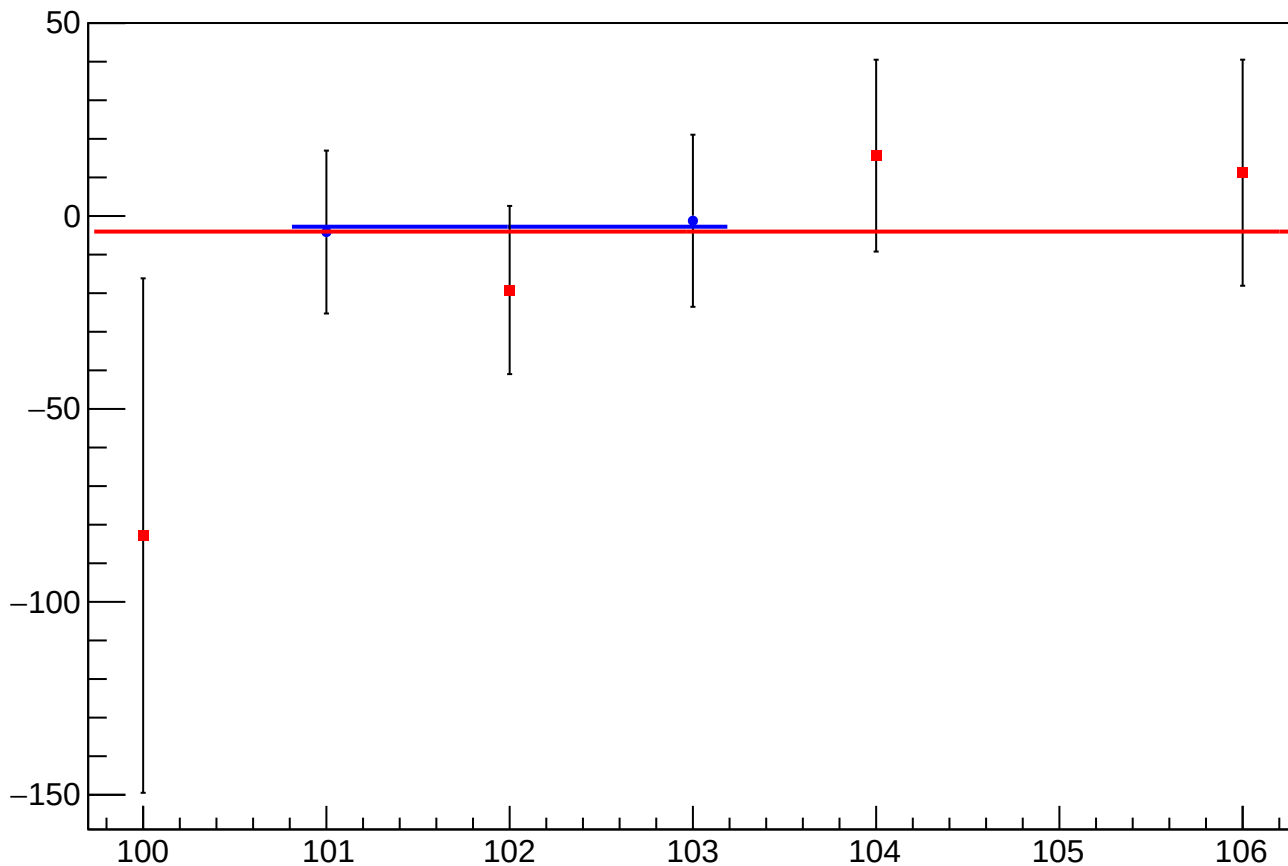
Right: 252.036 $\pm$ 0.109 χ^2 /NDF: 76992.1/5

In: 233.932 $\pm$ 0.149 χ^2 /NDF:19306.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 252.036 $\pm$ 0.109 χ^2 /NDF: 76992.1/5

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.034+/-13.985 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

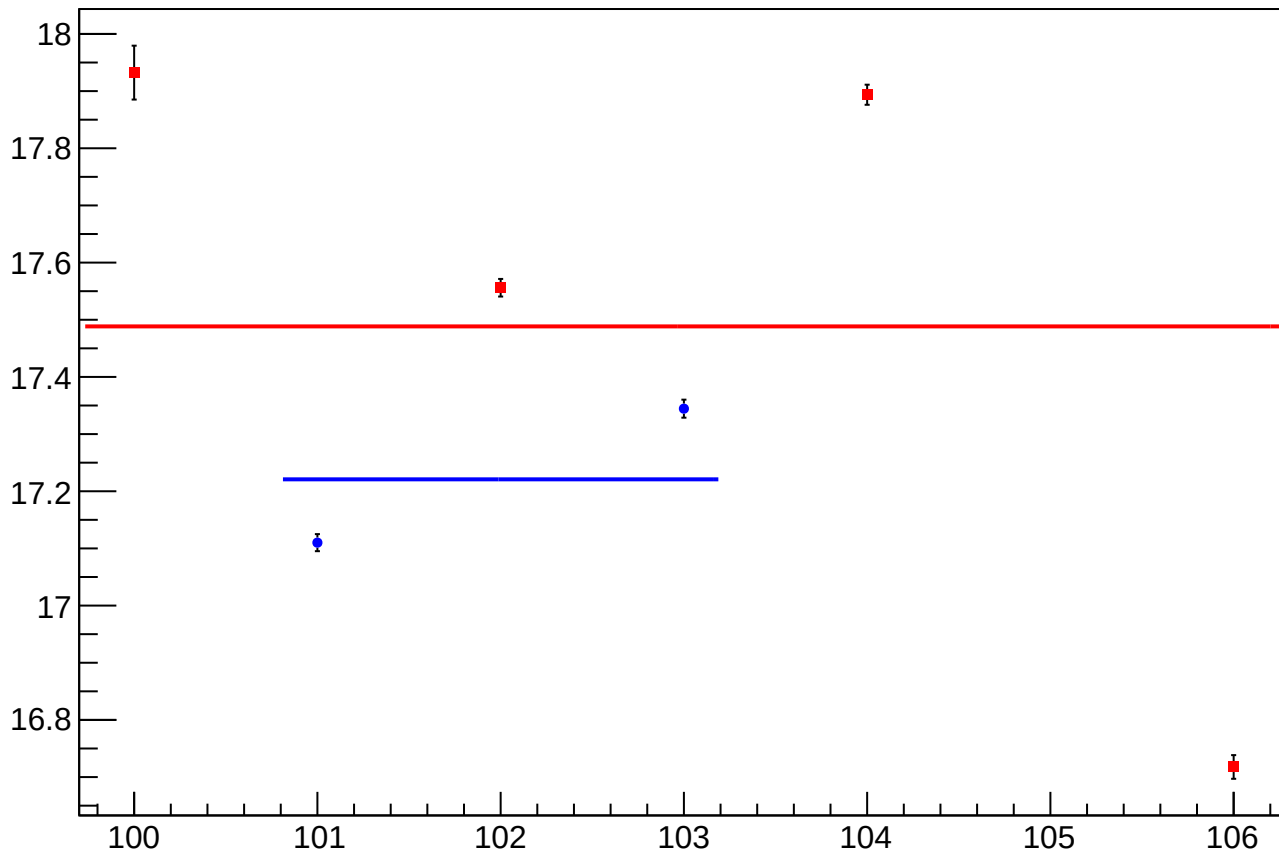
Right: -3.461+/-10.331 χ^2/NDF : 2.8/5

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.461+/-10.331 χ^2/NDF : 2.8/5

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.221 $\pm$ 0.011 χ^2 /NDF: 116.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.488 $\pm$ 0.010 χ^2 /NDF: 2023.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

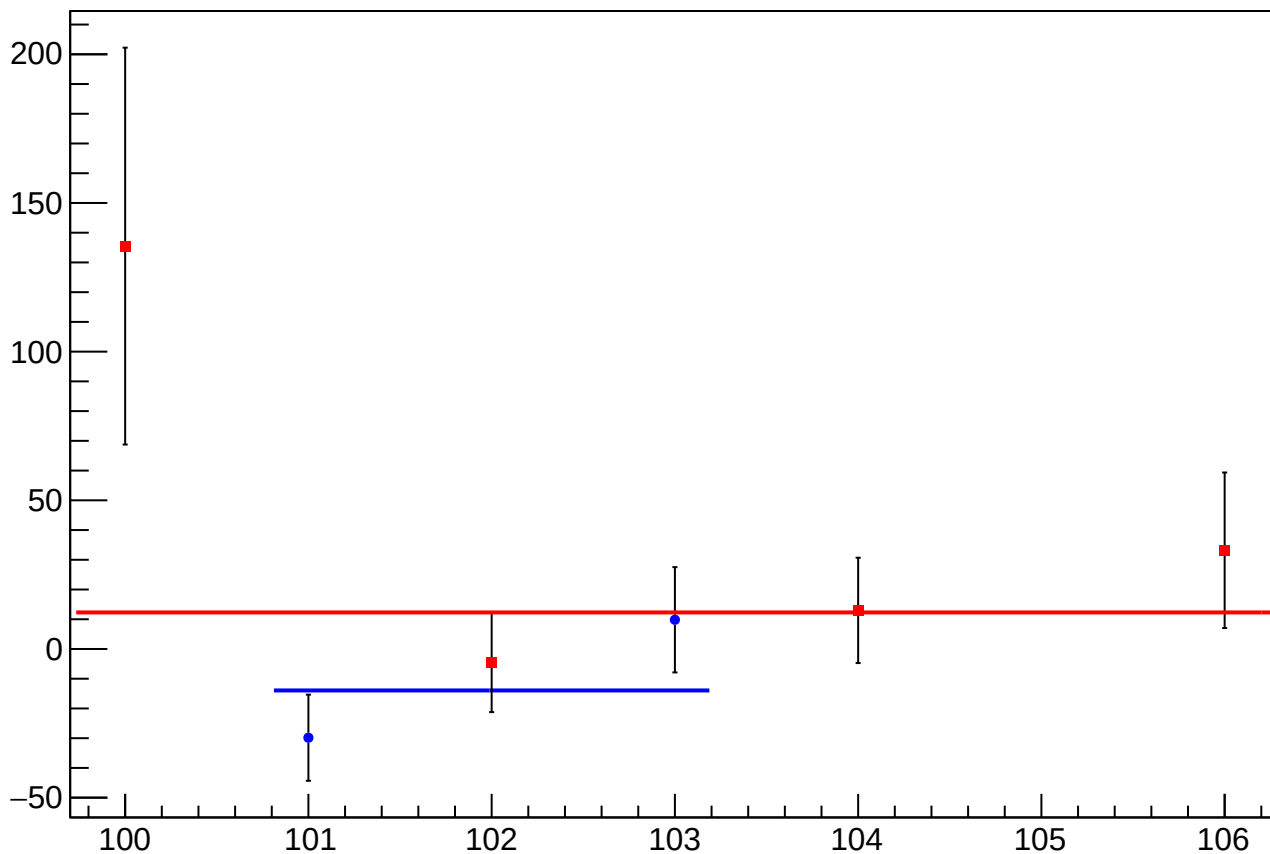
Right: 17.367 $\pm$ 0.007 χ^2 /NDF: 2472.4/5

In: 17.221 $\pm$ 0.011 χ^2 /NDF:116.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.367 $\pm$ 0.007 χ^2 /NDF: 2472.4/5

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -13.945 $\pm$ 11.213 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.298 $\pm$ 10.871 χ^2 /NDF: 5.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

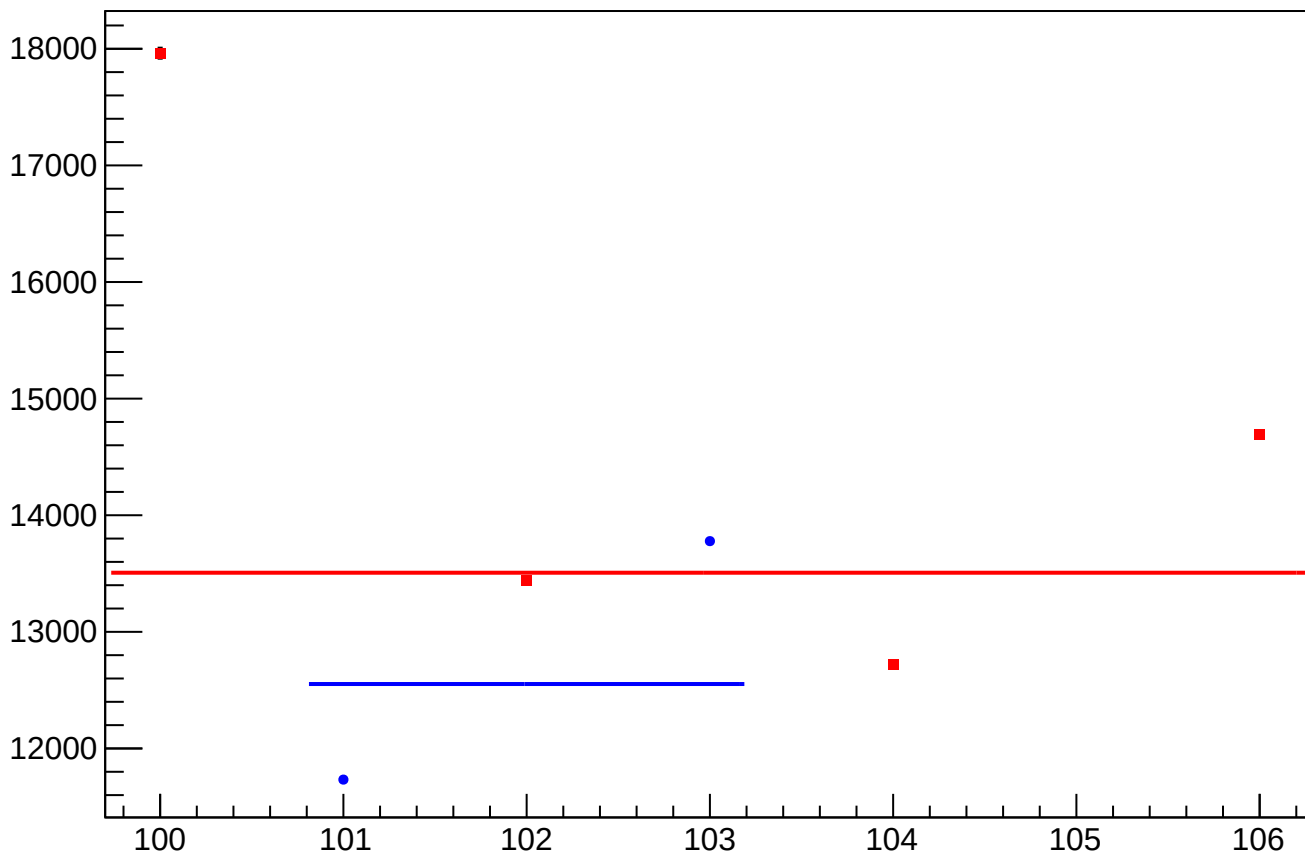
Right: -0.417 $\pm$ 7.805 χ^2 /NDF: 10.9/5

In: -13.945 $\pm$ 11.213 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.417 $\pm$ 7.805 χ^2 /NDF: 10.9/5

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 12552.650 ± 7.929 χ^2/NDF : 15976.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13507.082 ± 7.687 χ^2/NDF : 16974.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

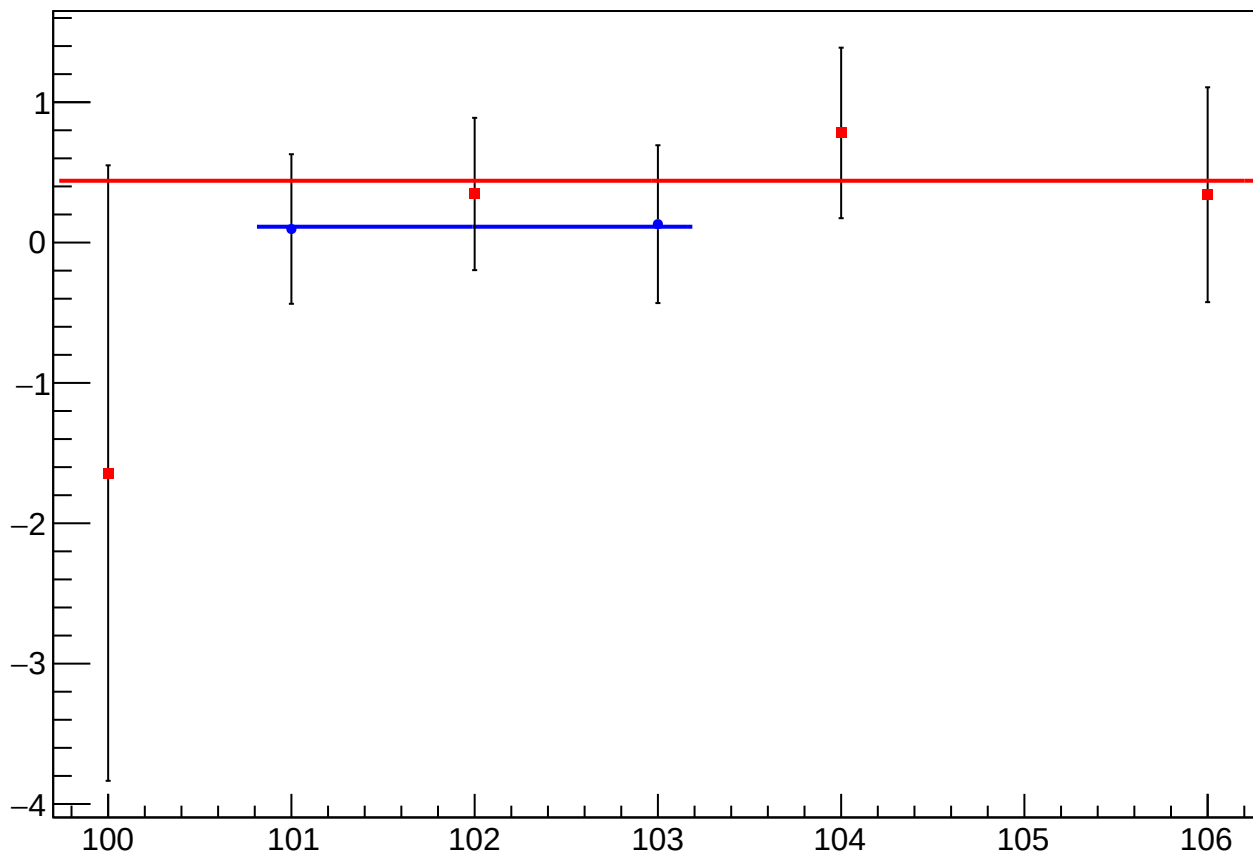
Right: 13044.654 ± 5.519 χ^2/NDF : 40419.4/5

In: 12552.650 ± 7.929 χ^2/NDF : 15976.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 13044.654 ± 5.519 χ^2/NDF : 40419.4/5

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.113 $\pm$ 0.387 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.440 $\pm$ 0.353 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

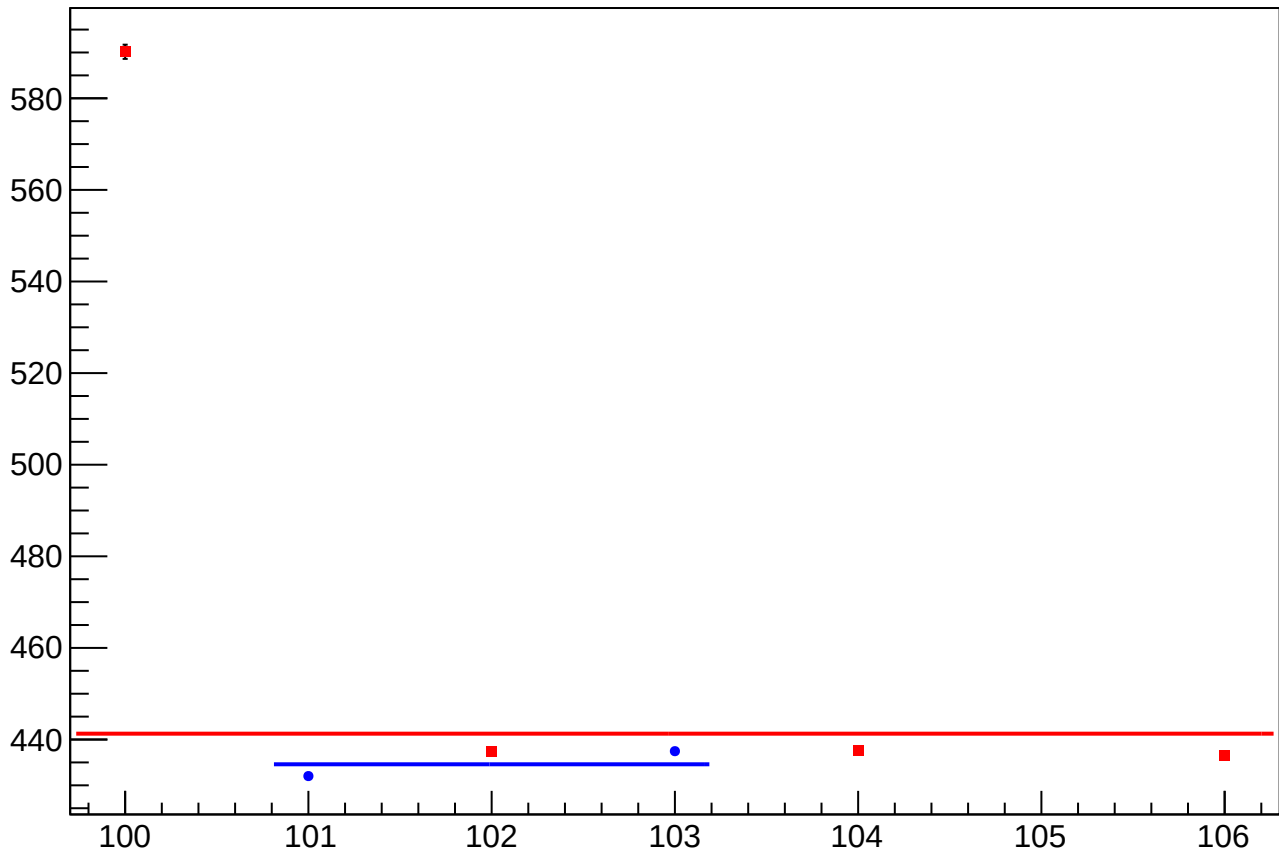
Right: 0.292 $\pm$ 0.261 χ^2 /NDF: 1.7/5

In: 0.113 $\pm$ 0.387 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.261 χ^2 /NDF: 1.7/5

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 434.593 $\pm$ 0.273 χ^2 /NDF: 98.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 441.278 $\pm$ 0.250 χ^2 /NDF: 9469.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

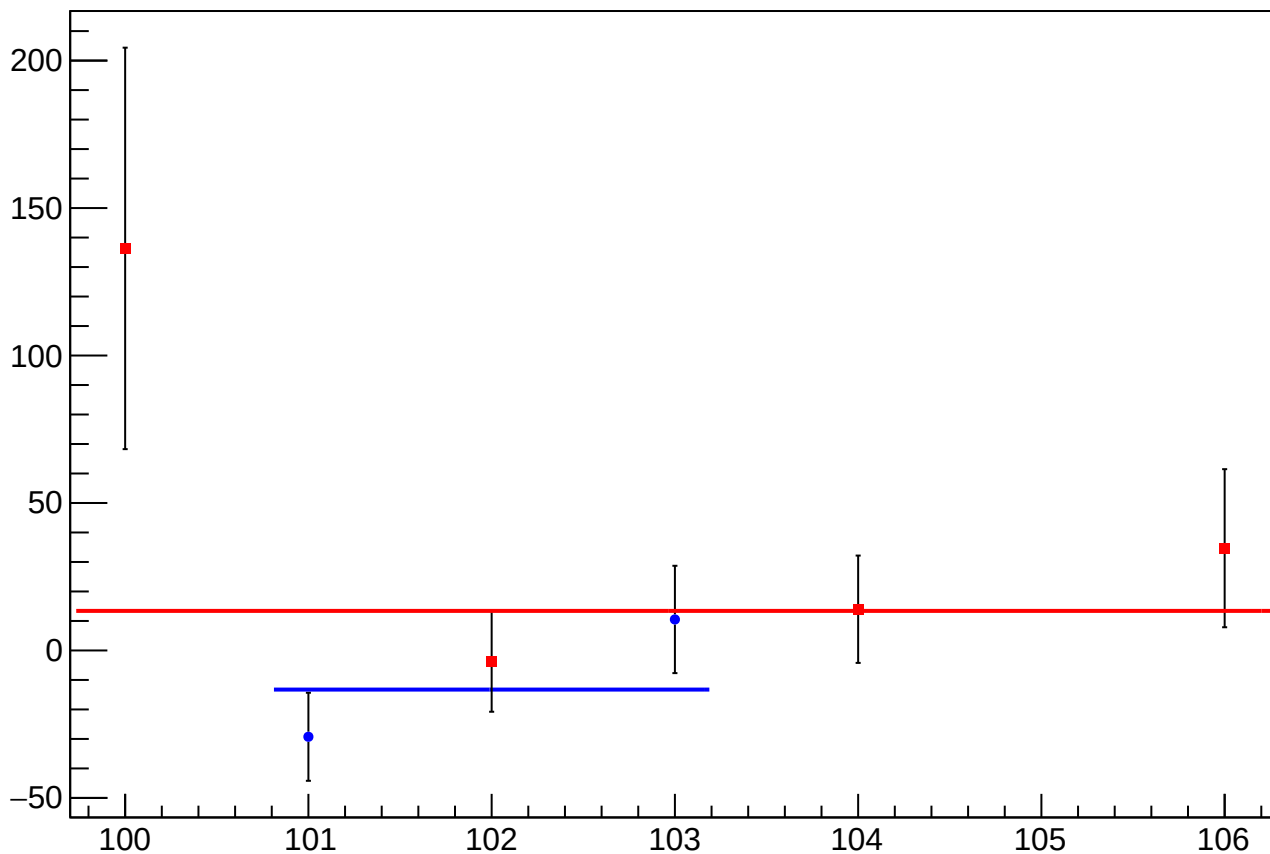
Right: 438.239 $\pm$ 0.184 χ^2 /NDF: 9893.4/5

In: 434.593 $\pm$ 0.273 χ^2 /NDF:98.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 438.239 $\pm$ 0.184 χ^2 /NDF: 9893.4/5

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -13.265 $\pm$ 11.540 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.414 $\pm$ 11.164 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

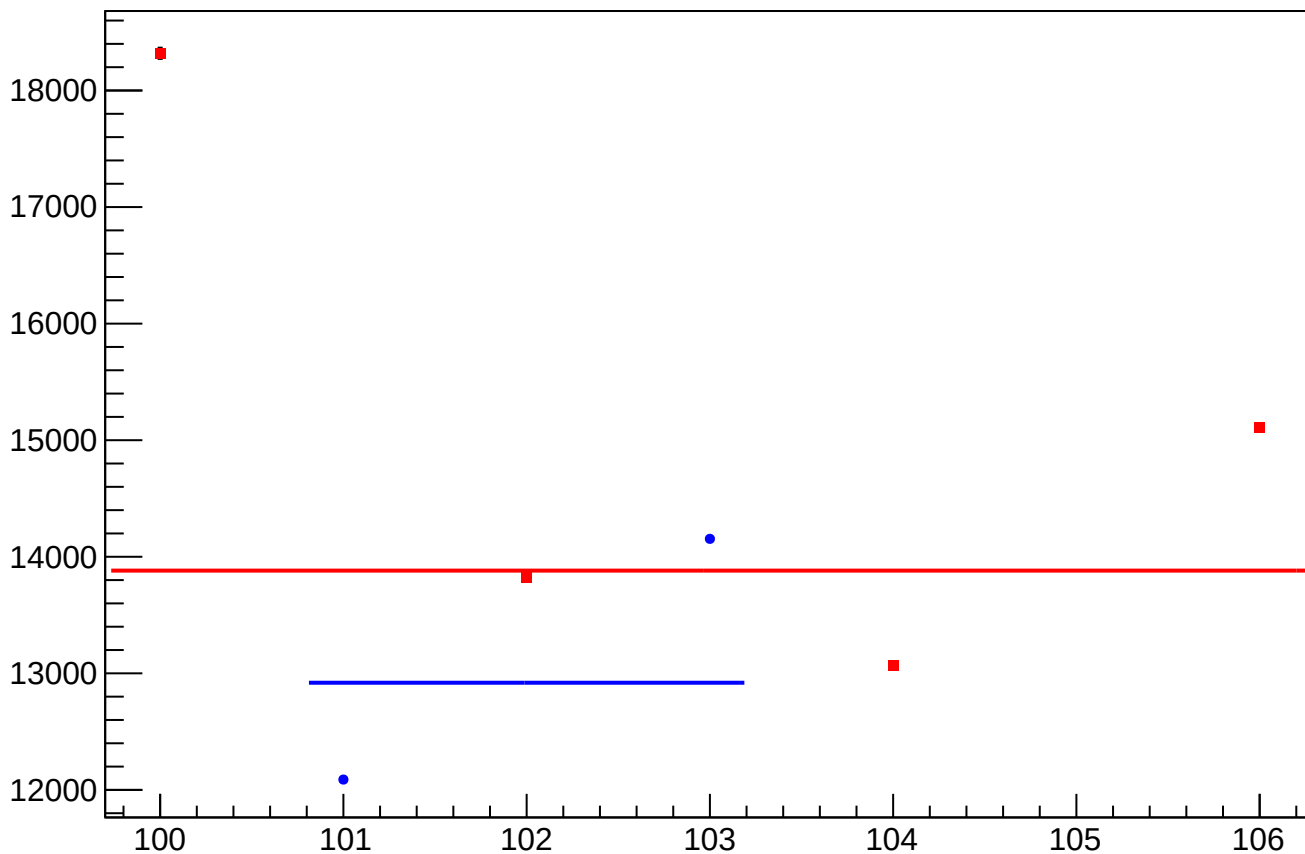
Right: 0.516 $\pm$ 8.024 χ^2 /NDF: 10.5/5

In: -13.265 $\pm$ 11.540 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.516 $\pm$ 8.024 χ^2 /NDF: 10.5/5

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 12919.365 ± 8.160 χ^2/NDF : 15399.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 13881.276 ± 7.894 χ^2/NDF : 16680.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

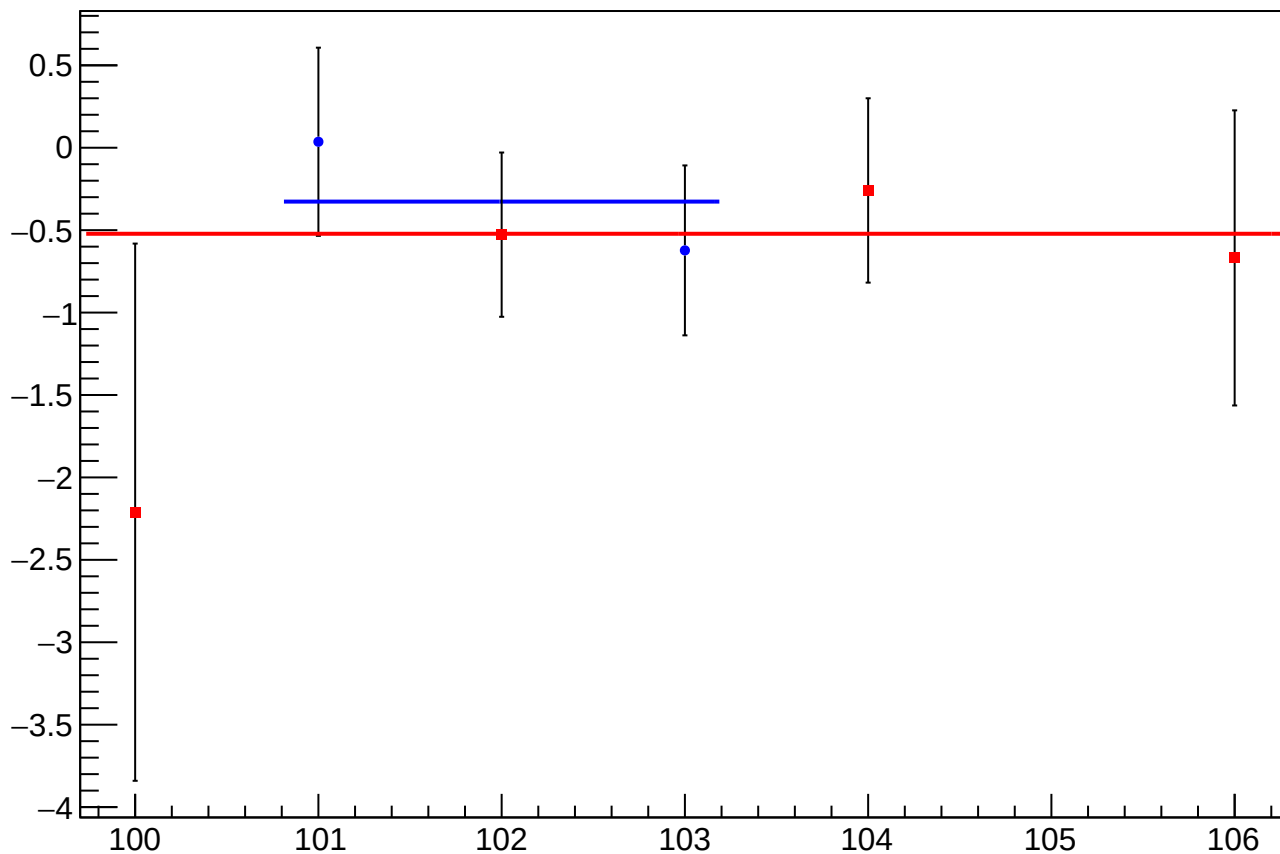
Right: 13416.247 ± 5.674 χ^2/NDF : 39258.9/5

In: 12919.365 ± 8.160 χ^2/NDF : 15399.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 13416.247 ± 5.674 χ^2/NDF : 39258.9/5

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.327 $\pm$ 0.383 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.522 $\pm$ 0.336 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

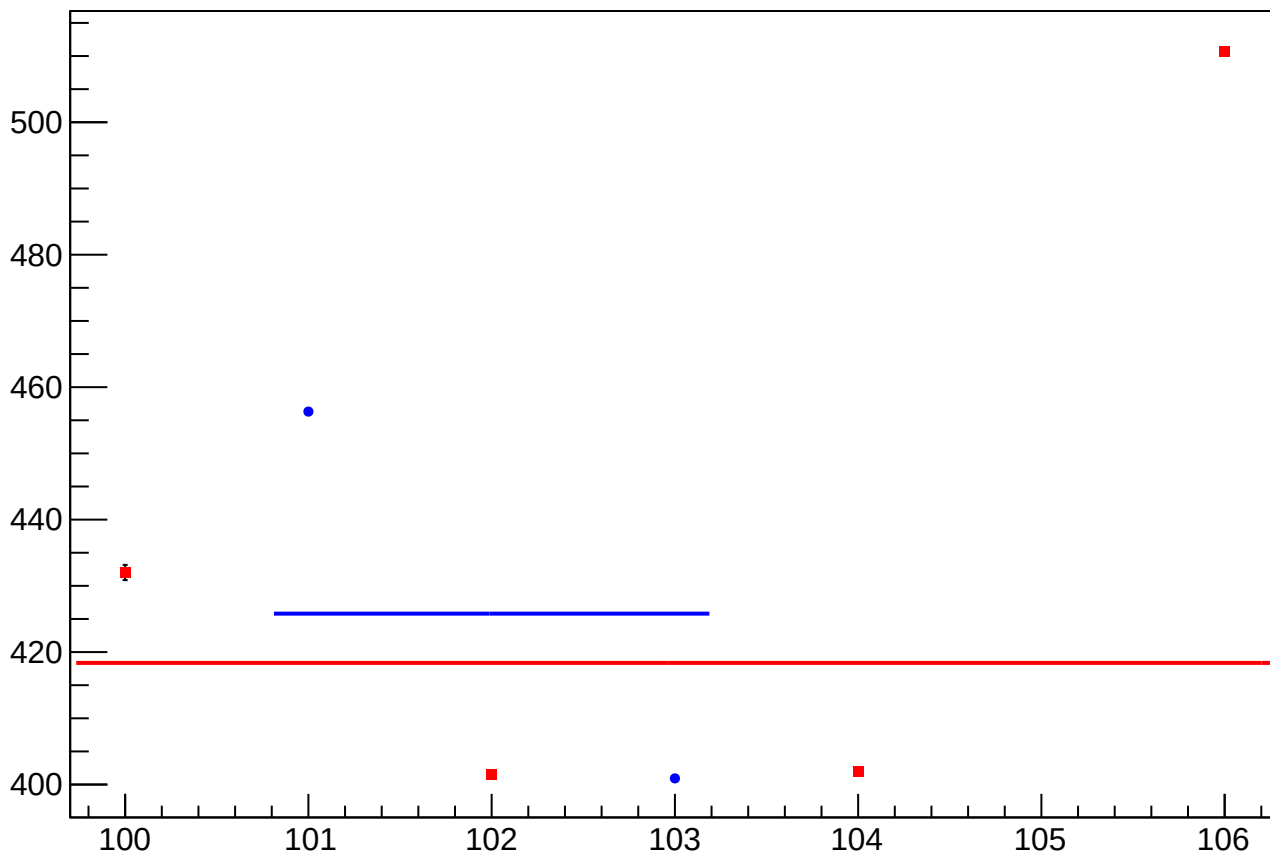
Right: -0.437 $\pm$ 0.253 χ^2 /NDF: 2.2/5

In: -0.327 $\pm$ 0.383 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.437 $\pm$ 0.253 χ^2 /NDF: 2.2/5

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 425.805+/-0.270 χ^2/NDF : 10372.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 418.365+/-0.238 χ^2/NDF : 25394.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

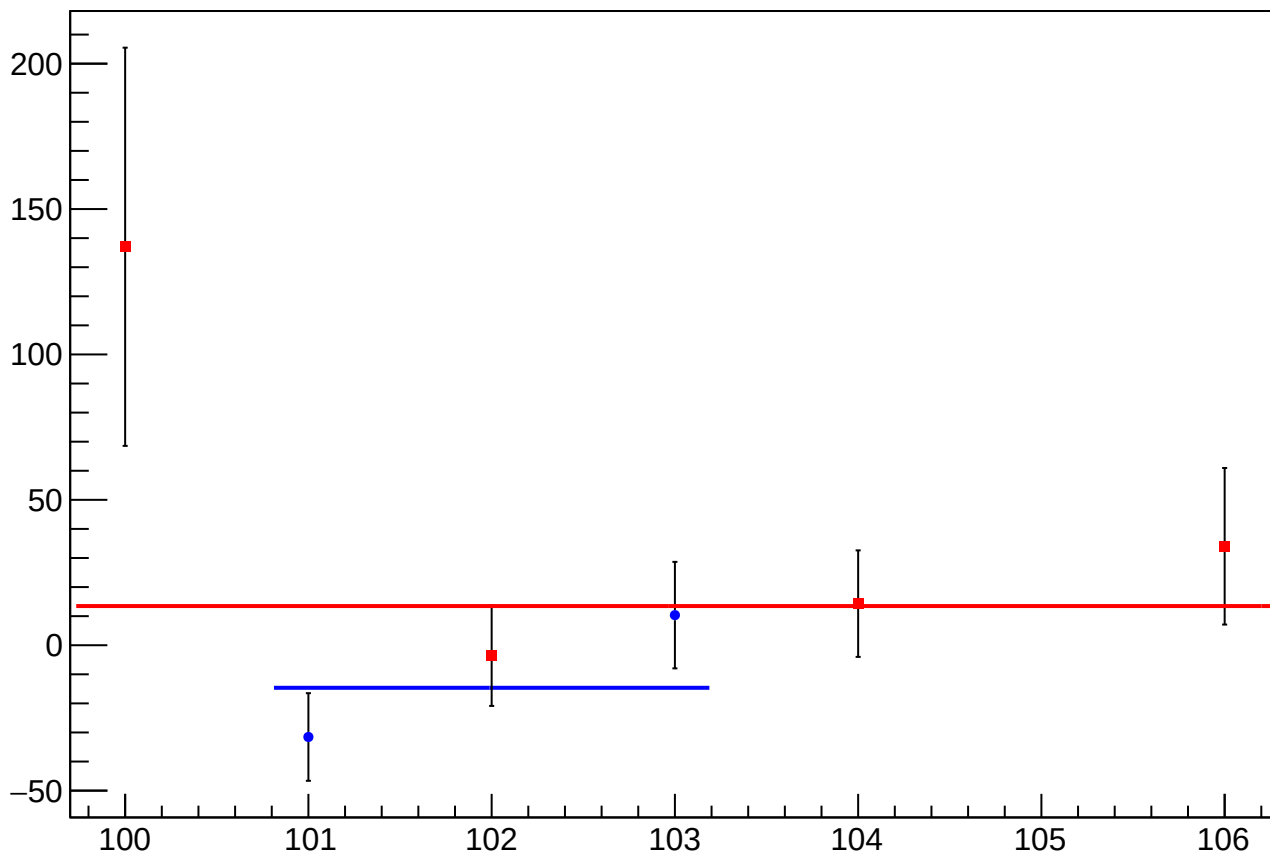
Right: 421.606+/-0.179 χ^2/NDF : 36193.3/5

In: 425.805+/-0.270 χ^2/NDF : 10372.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.606+/-0.179 χ^2/NDF : 36193.3/5

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -14.634 $\pm$ 11.636 χ^2 /NDF: 3.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.473 $\pm$ 11.233 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

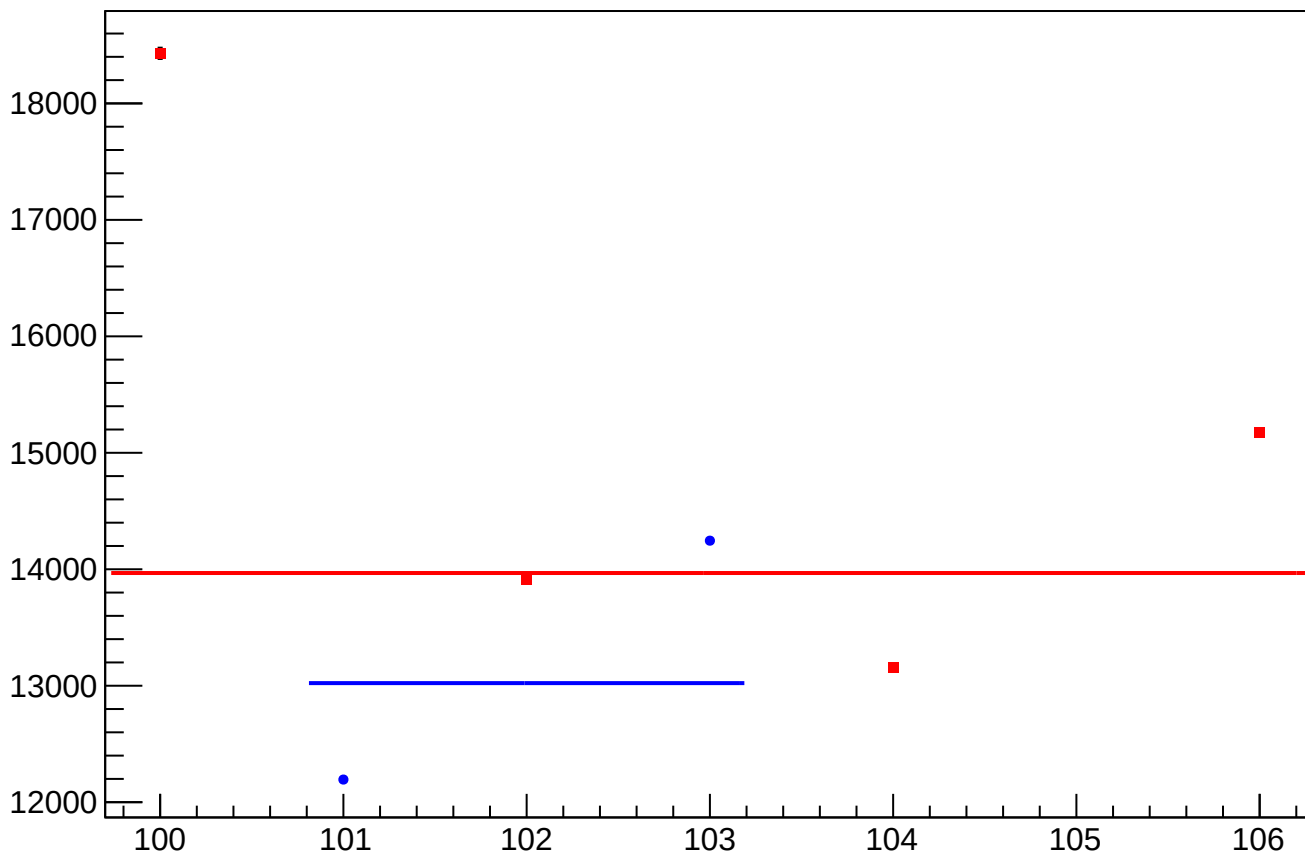
Right: -0.086 $\pm$ 8.082 χ^2 /NDF: 11.0/5

In: -14.634 $\pm$ 11.636 χ^2 /NDF:3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.086 $\pm$ 8.082 χ^2 /NDF: 11.0/5

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13022.479+/-8.228 χ^2/NDF : 14961.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13967.844+/-7.943 χ^2/NDF : 16466.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

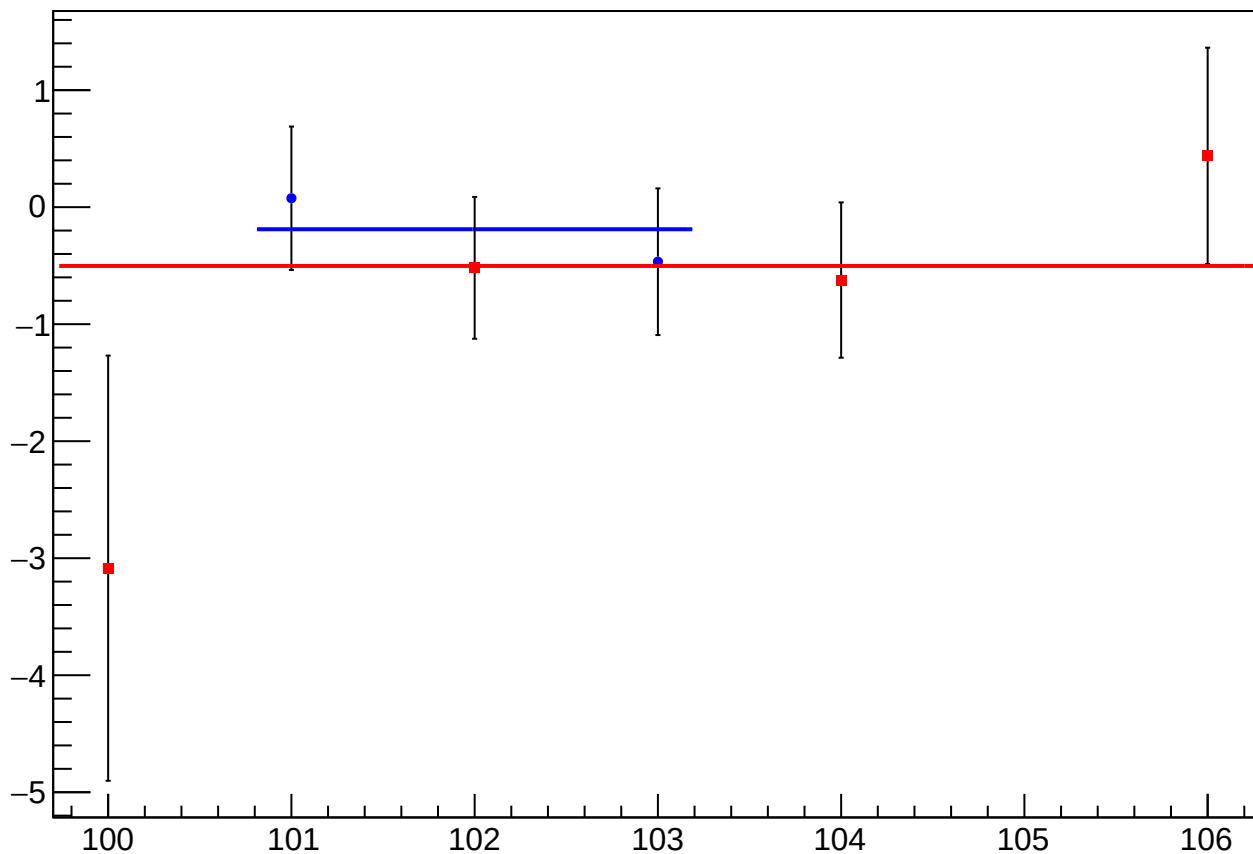
Right: 13511.800+/-5.715 χ^2/NDF : 38261.1/5

In: 13022.479+/-8.228 χ^2/NDF : 14961.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13511.800+/-5.715 χ^2/NDF : 38261.1/5

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.189 ± 0.438 χ^2/NDF : 0.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.502 ± 0.393 χ^2/NDF : 3.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

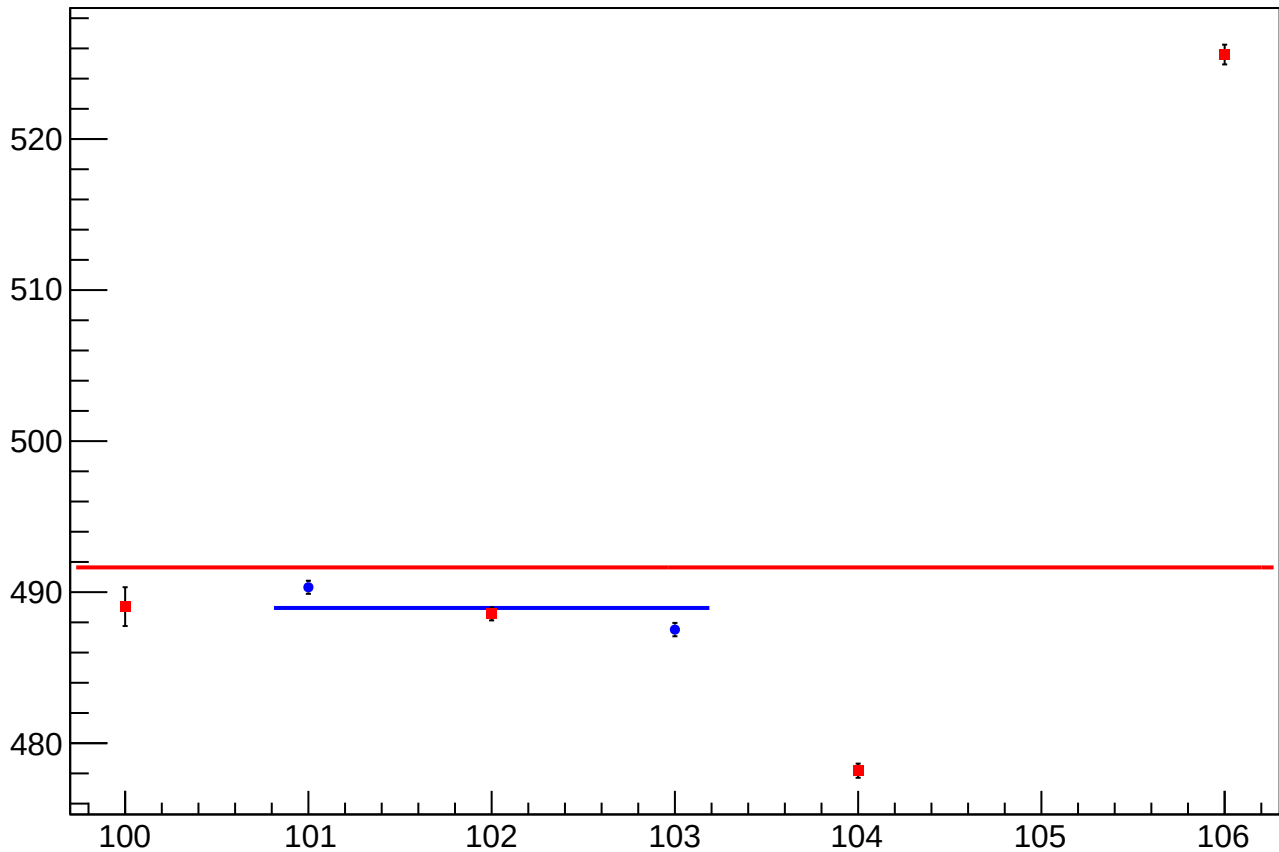
Right: -0.362 ± 0.293 χ^2/NDF : 3.8/5

In: -0.189 ± 0.438 χ^2/NDF : 0.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.362 ± 0.293 χ^2/NDF : 3.8/5

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 488.954 $\pm$ 0.310 χ^2 /NDF: 20.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 491.639 $\pm$ 0.278 χ^2 /NDF: 3575.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

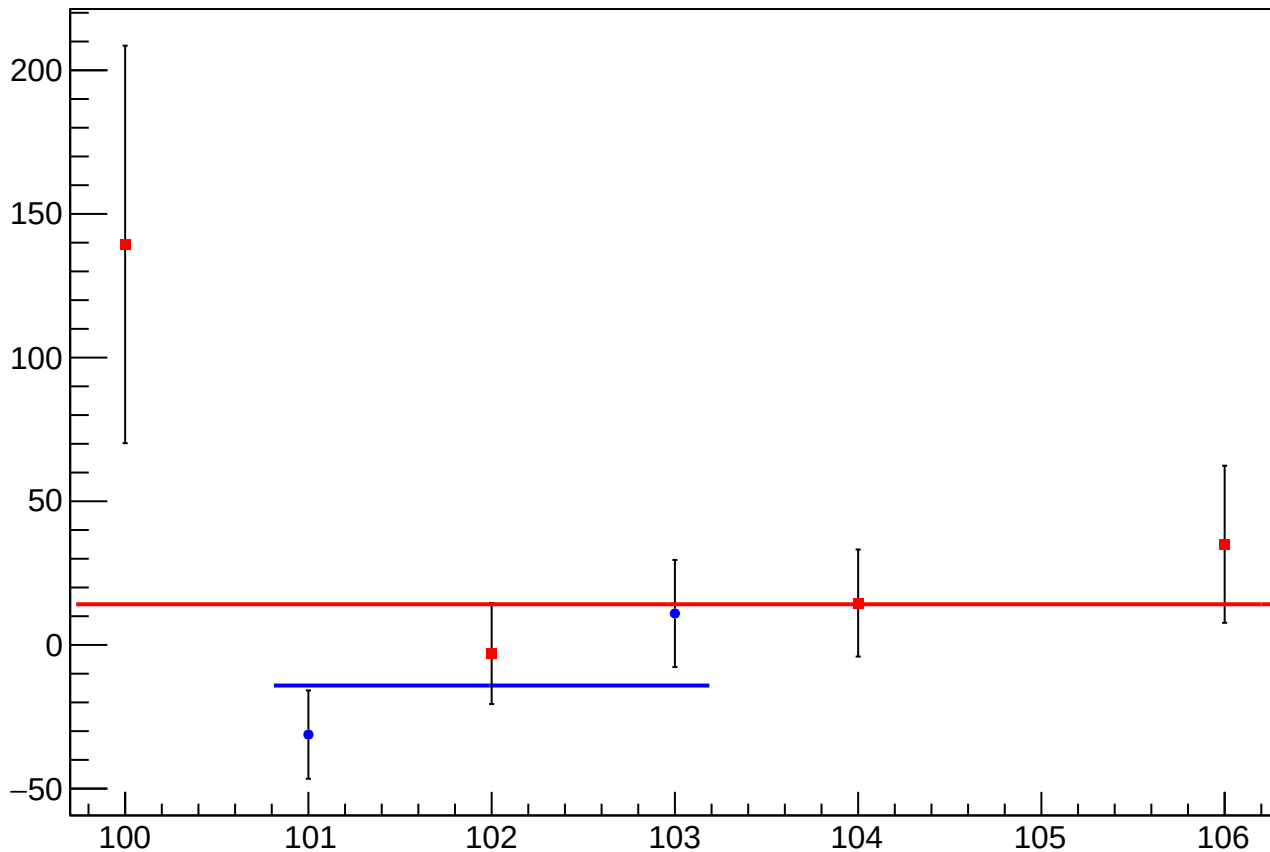
Right: 490.440 $\pm$ 0.207 χ^2 /NDF: 3637.3/5

In: 488.954 $\pm$ 0.310 χ^2 /NDF:20.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 490.440 $\pm$ 0.207 χ^2 /NDF: 3637.3/5

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -14.124 $\pm$ 11.860 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.155 $\pm$ 11.426 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

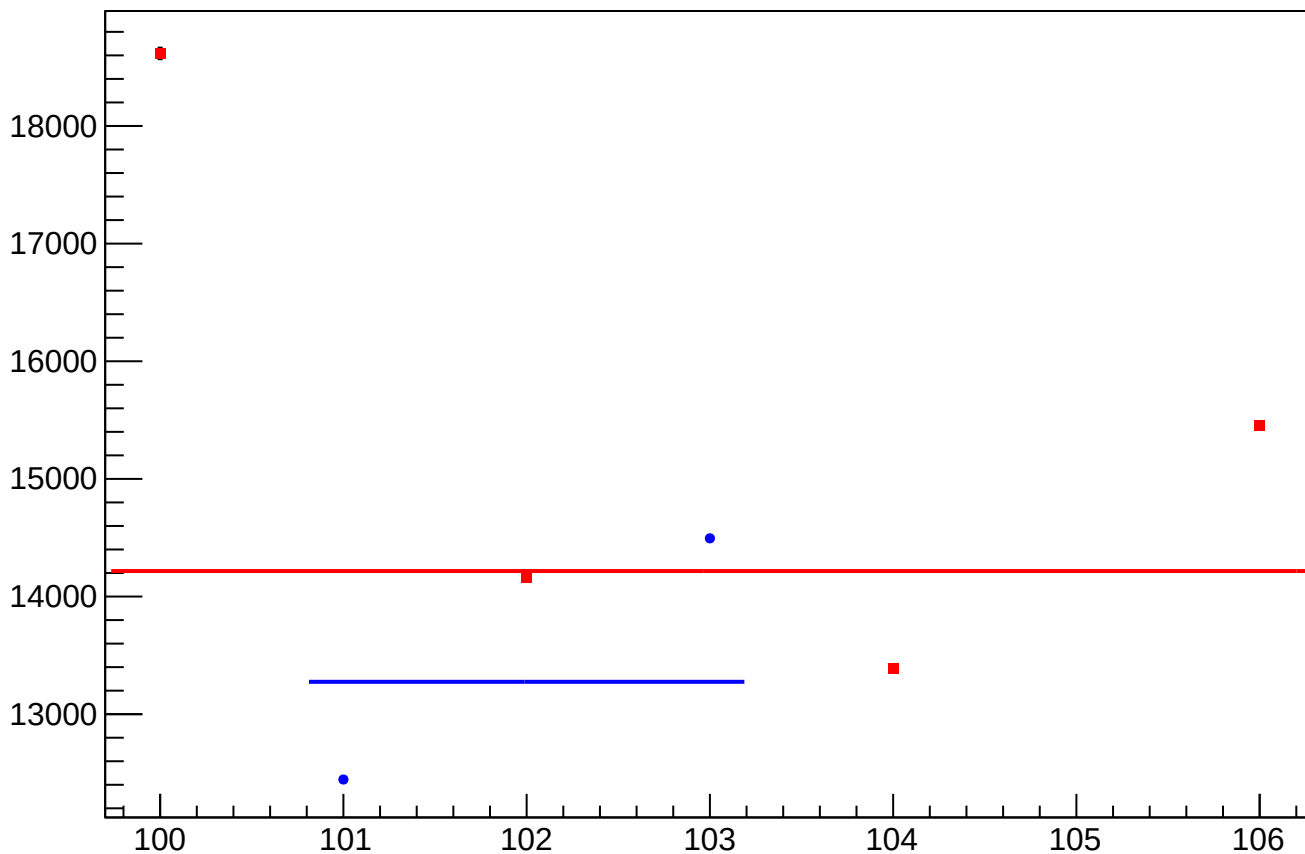
Right: 0.543 $\pm$ 8.228 χ^2 /NDF: 10.8/5

In: -14.124 $\pm$ 11.860 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.543 $\pm$ 8.228 χ^2 /NDF: 10.8/5

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13275.316+/-8.386 χ^2/NDF : 14403.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14216.962+/-8.079 χ^2/NDF : 16199.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

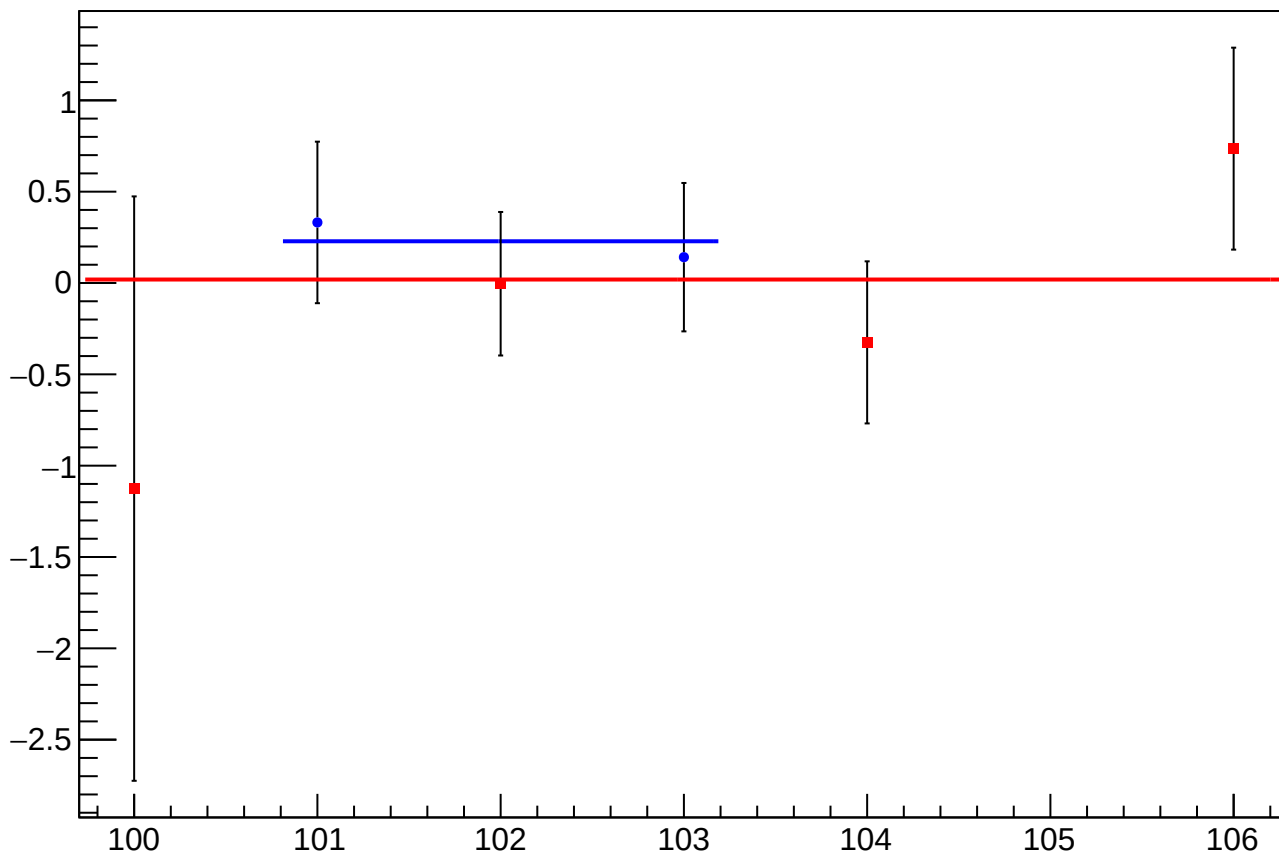
Right: 13763.695+/-5.818 χ^2/NDF : 37141.9/5

In: 13275.316+/-8.386 χ^2/NDF : 14403.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13763.695+/-5.818 χ^2/NDF : 37141.9/5

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.228+/-0.299 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.256 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

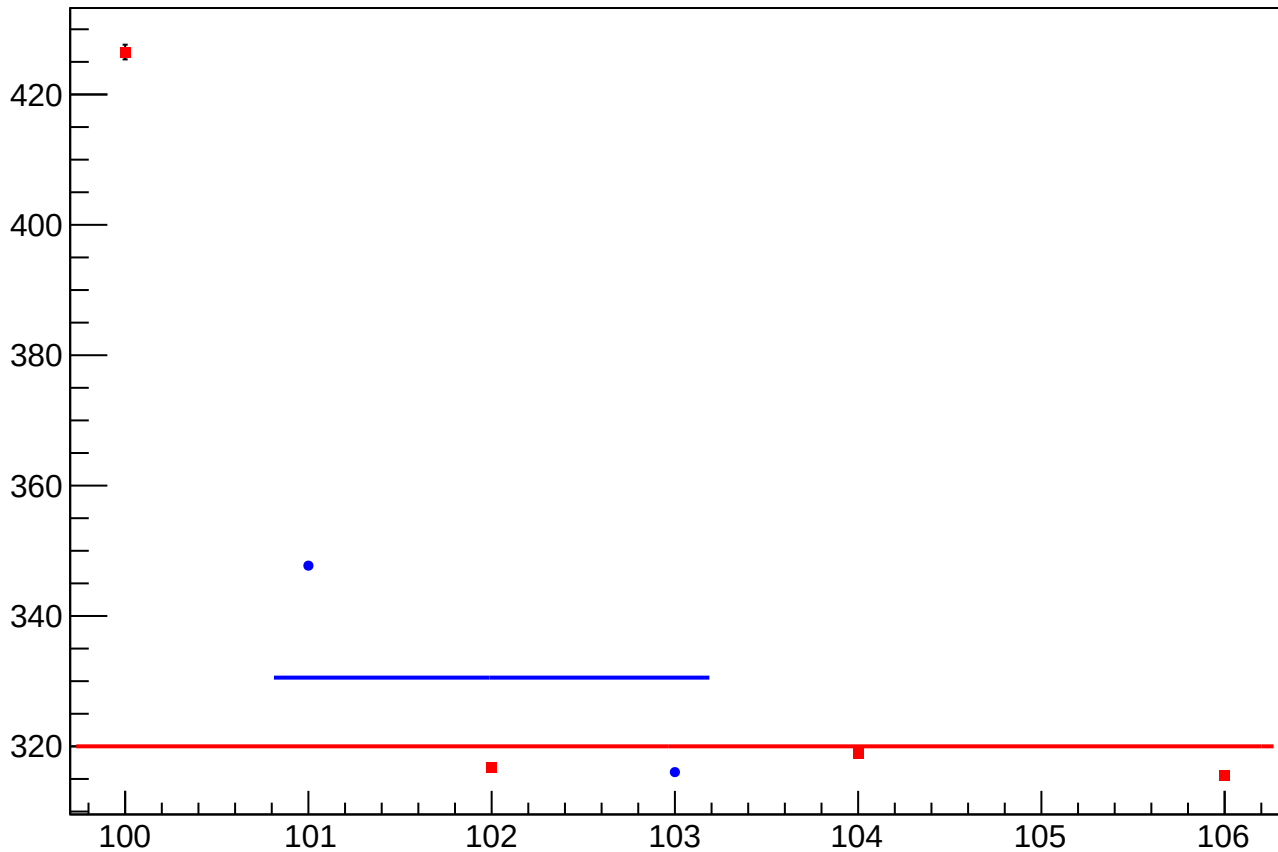
Right: 0.108+/-0.195 χ^2/NDF : 3.2/5

In: 0.228+/-0.299 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.108+/-0.195 χ^2/NDF : 3.2/5

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 330.544+/-0.212 χ^2/NDF : 5565.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.004+/-0.181 χ^2/NDF : 9147.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

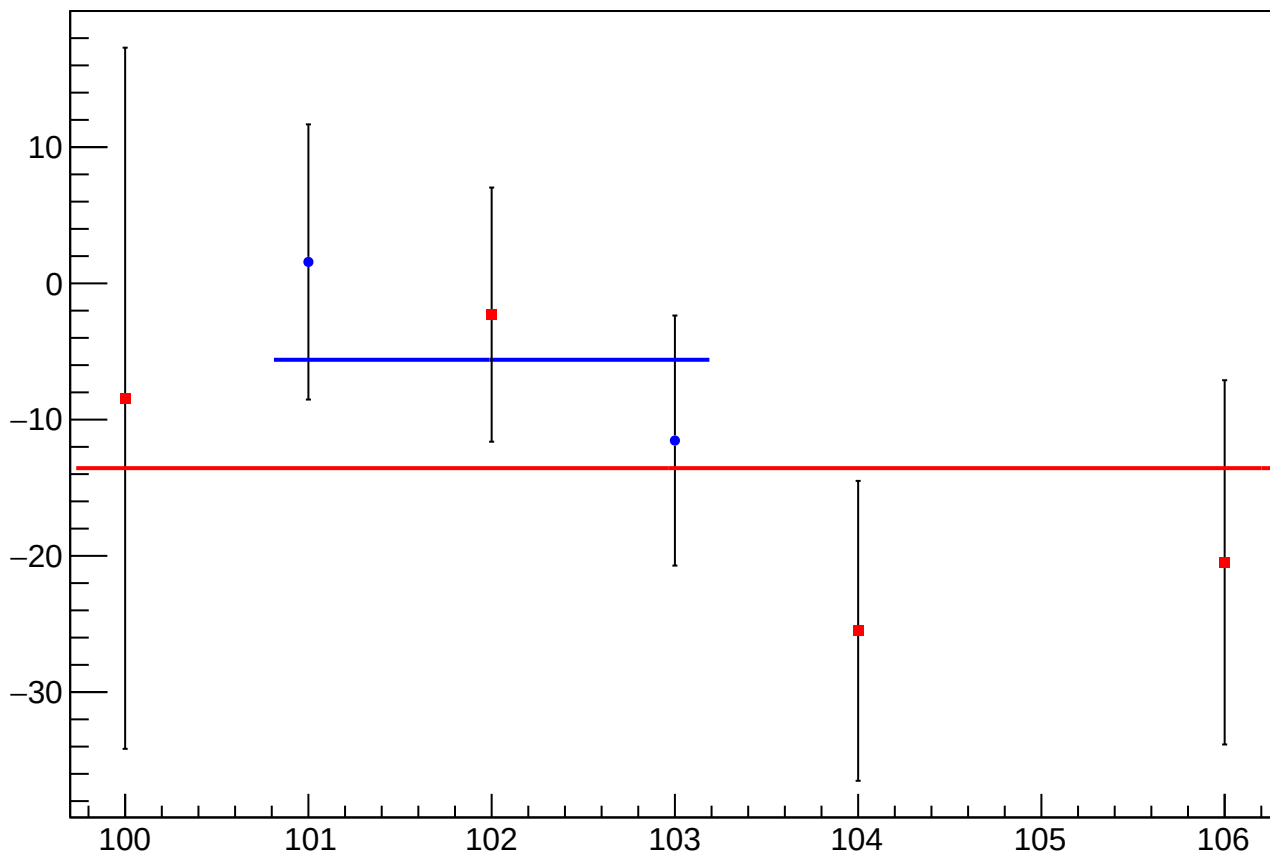
Right: 324.467+/-0.138 χ^2/NDF : 16144.0/5

In: 330.544+/-0.212 χ^2/NDF : 5565.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.467+/-0.138 χ^2/NDF : 16144.0/5

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -5.608 $\pm$ 6.792 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.562 $\pm$ 6.102 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

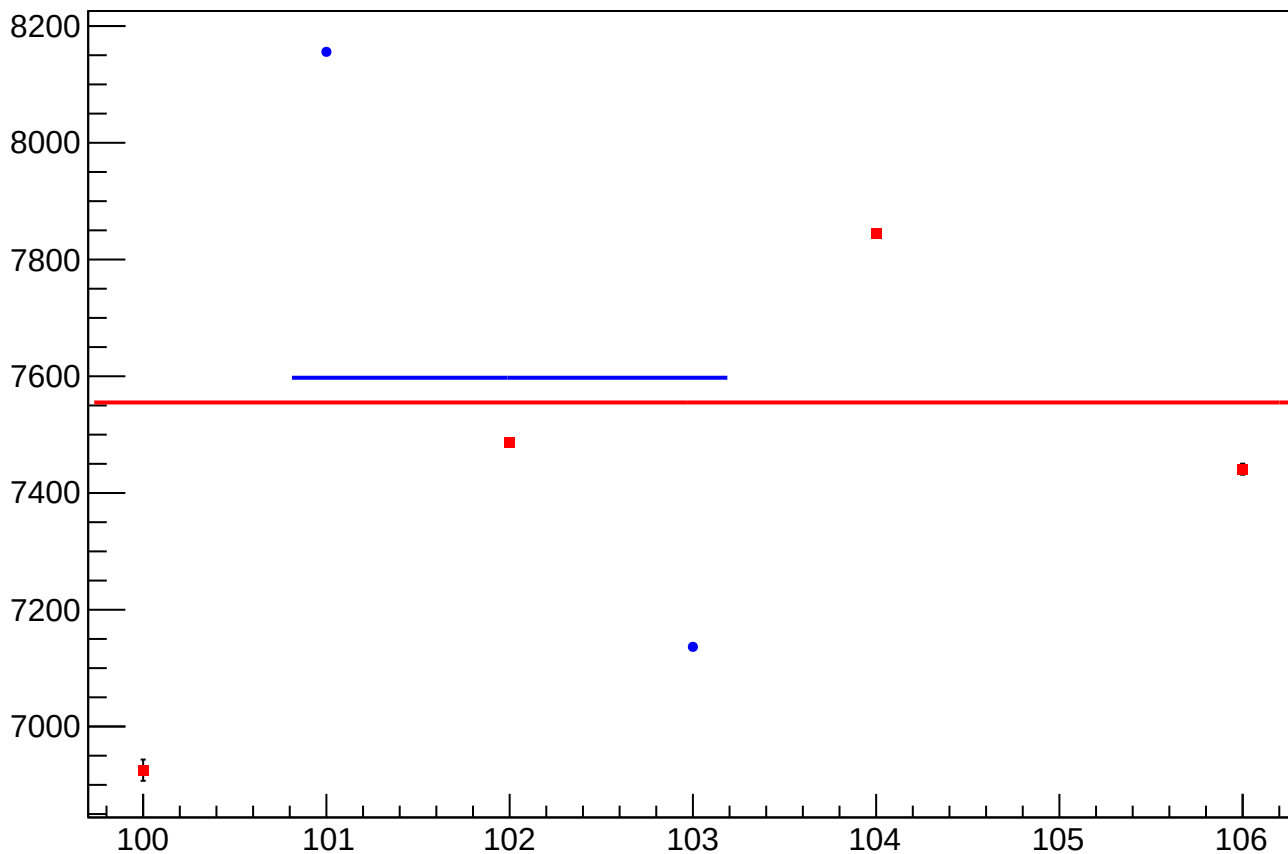
Right: -10.009 $\pm$ 4.539 χ^2 /NDF: 4.6/5

In: -5.608 $\pm$ 6.792 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.009 $\pm$ 4.539 χ^2 /NDF: 4.6/5

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 7597.493+/-4.802 χ^2/NDF : 11160.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7555.122+/-4.315 χ^2/NDF : 2837.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

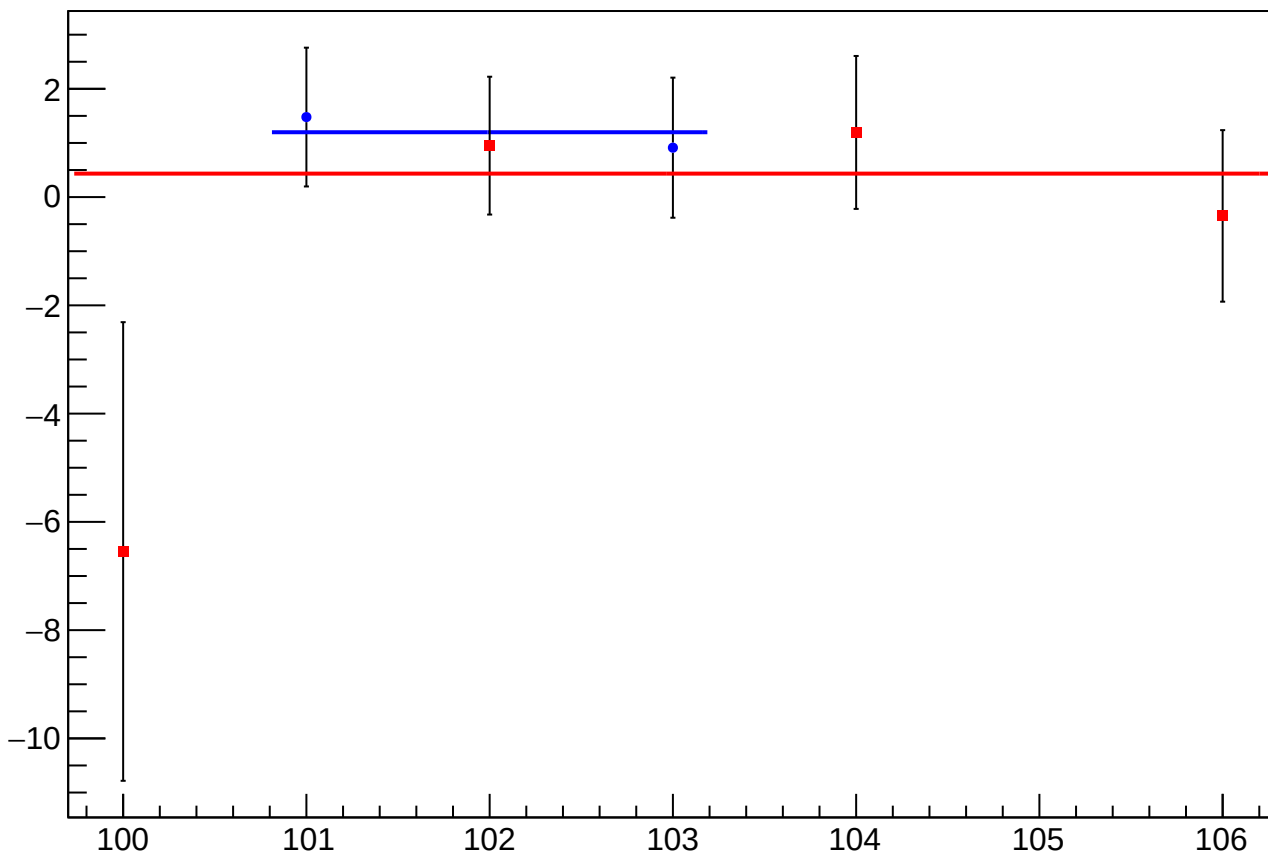
Right: 7574.048+/-3.210 χ^2/NDF : 14040.6/5

In: 7597.493+/-4.802 χ^2/NDF : 11160.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7574.048+/-3.210 χ^2/NDF : 14040.6/5

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.198 $\pm$ 0.911 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.433 $\pm$ 0.798 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

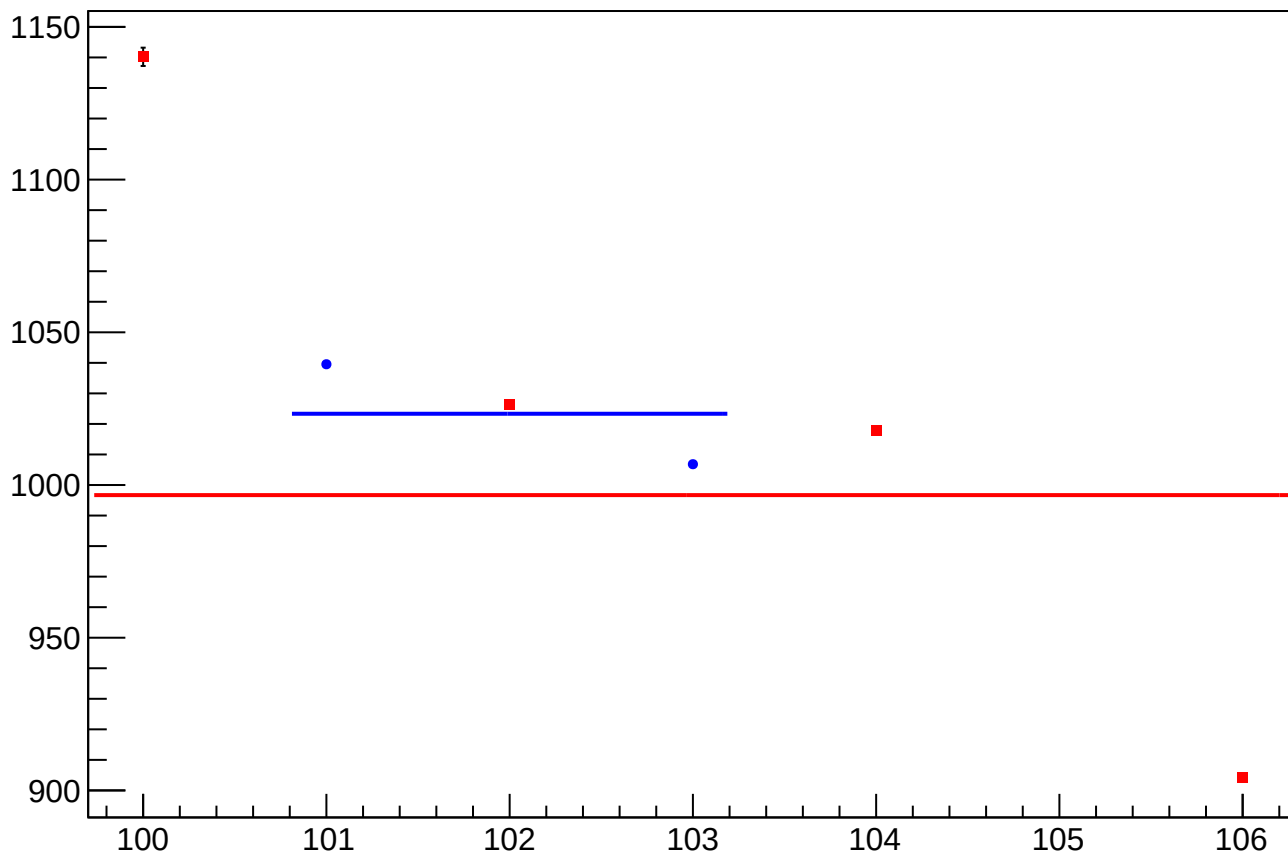
Right: 0.765 $\pm$ 0.600 χ^2 /NDF: 3.9/5

In: 1.198 $\pm$ 0.911 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.765 $\pm$ 0.600 χ^2 /NDF: 3.9/5

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1023.333+/-0.644 χ^2/NDF : 645.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 996.695+/-0.564 χ^2/NDF : 10628.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

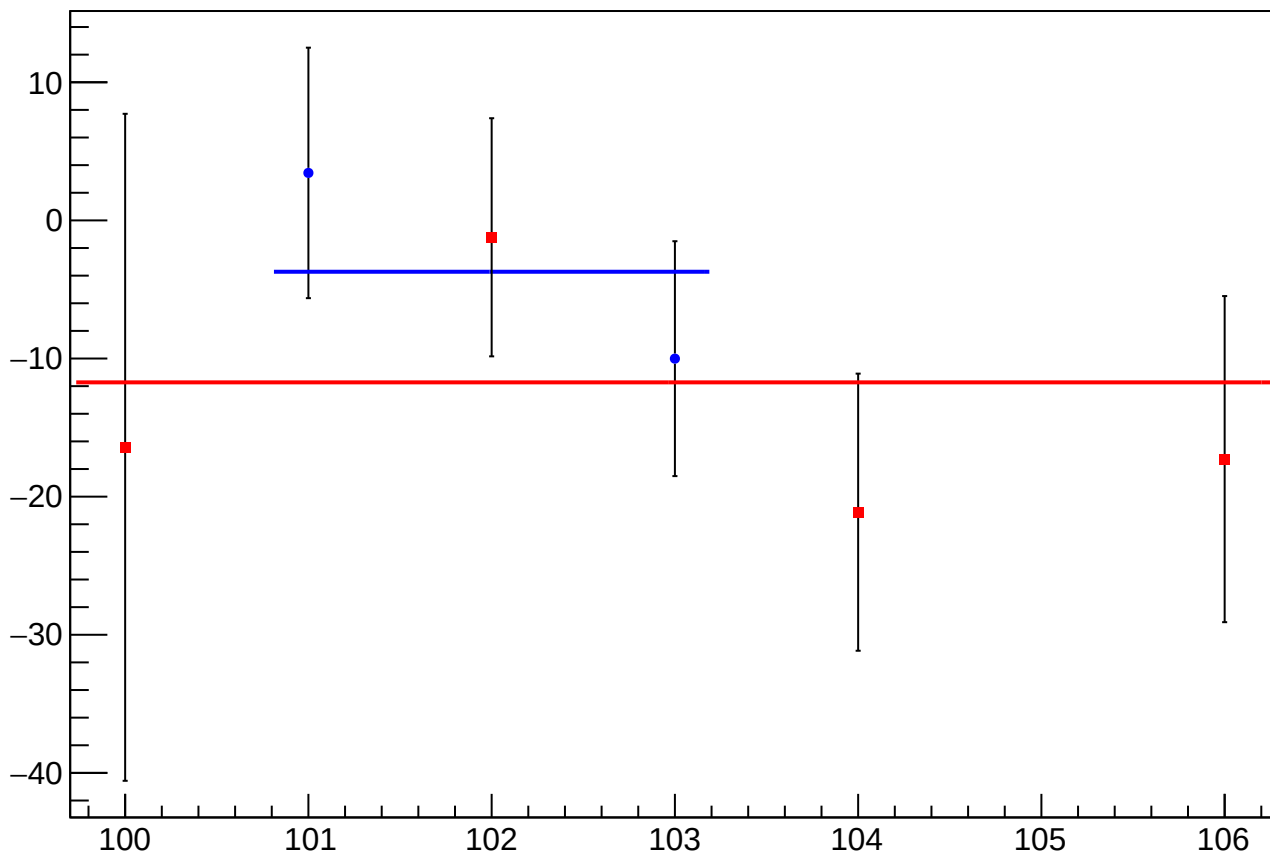
Right: 1008.257+/-0.424 χ^2/NDF : 12242.3/5

In: 1023.333+/-0.644 χ^2/NDF : 645.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.257+/-0.424 χ^2/NDF : 12242.3/5

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -3.718+/-6.202 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.726+/-5.565 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

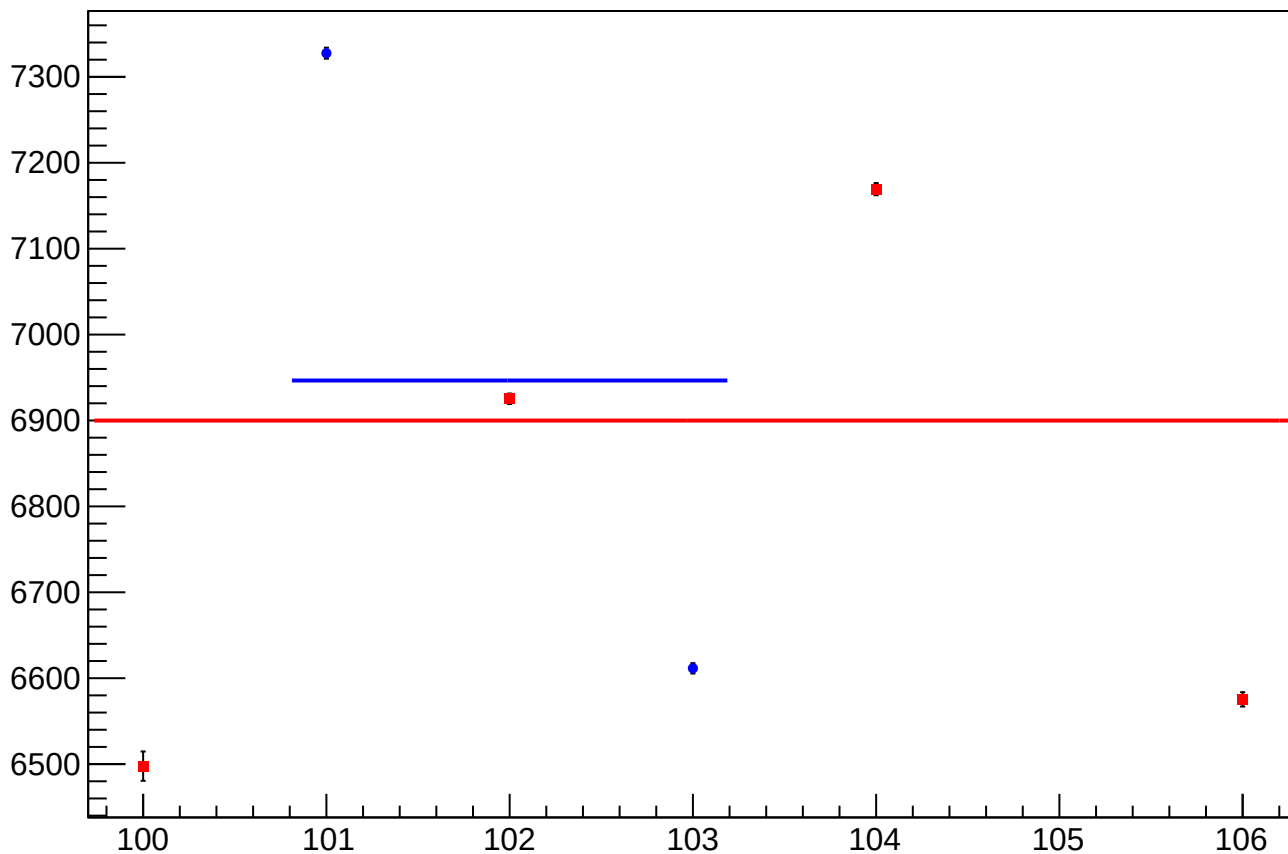
Right: -8.154+/-4.142 χ^2/NDF : 4.7/5

In: -3.718+/-6.202 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.154+/-4.142 χ^2/NDF : 4.7/5

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 6946.549+/-4.386 χ^2/NDF : 6637.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6899.904+/-3.935 χ^2/NDF : 3526.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

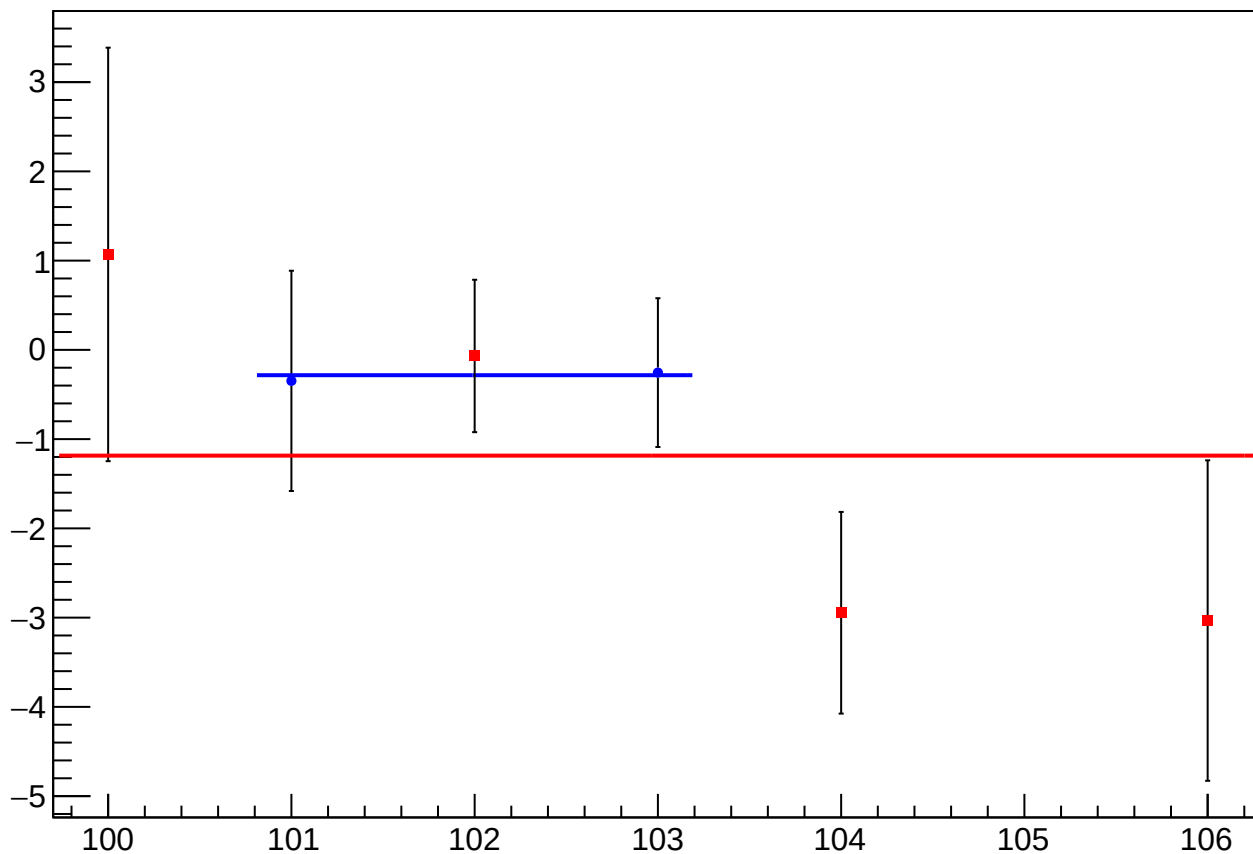
Right: 6920.709+/-2.929 χ^2/NDF : 10226.5/5

In: 6946.549+/-4.386 χ^2/NDF : 6637.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6920.709+/-2.929 χ^2/NDF : 10226.5/5

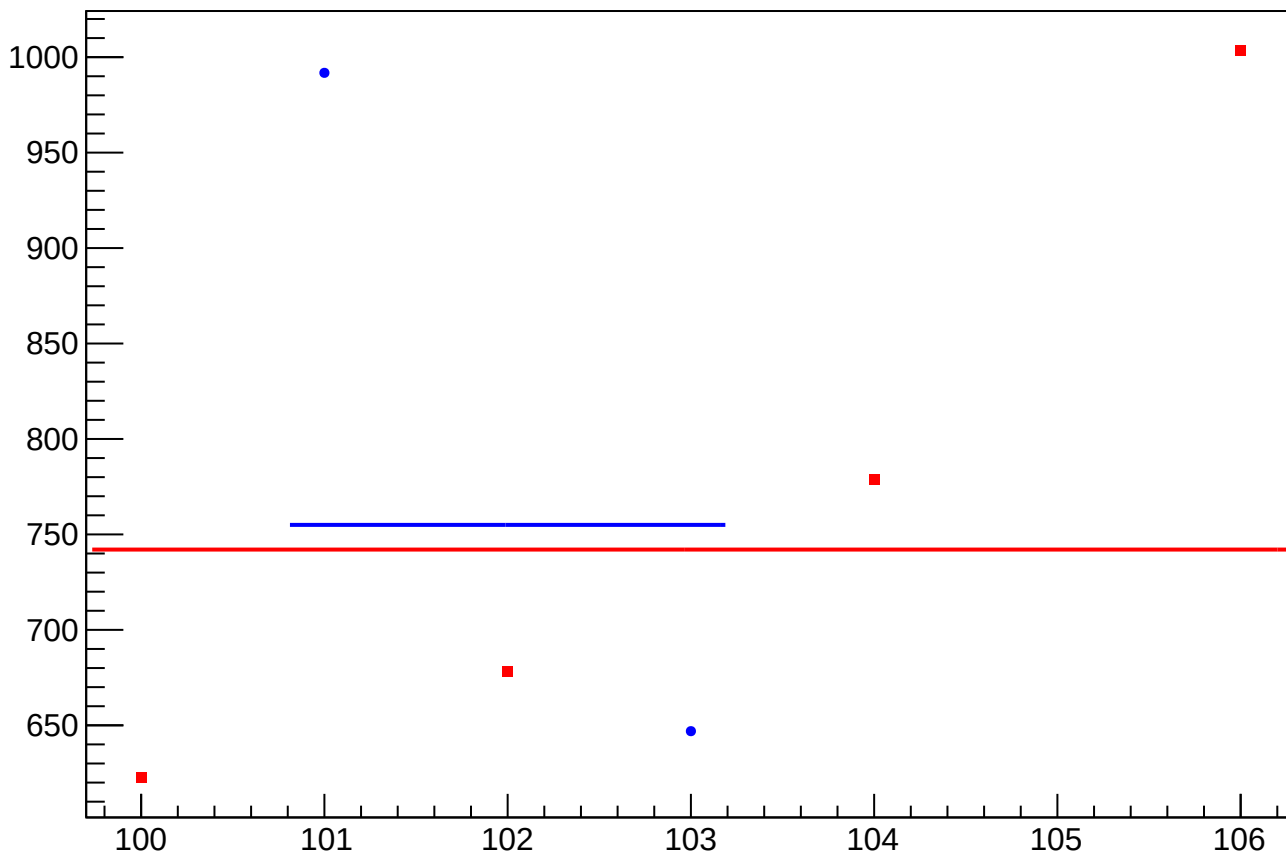
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.284 ± 0.691 $\chi^2/\text{NDF}: 0.0/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1.185 ± 0.614 $\chi^2/\text{NDF}: 6.1/3$
 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: -0.787 ± 0.459 $\chi^2/\text{NDF}: 7.1/5$
 In: -0.284 ± 0.691 $\chi^2/\text{NDF}: 0.0/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.787 ± 0.459 $\chi^2/\text{NDF}: 7.1/5$

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 754.992 $\pm$ 0.488 χ^2 /NDF: 107278.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 742.063 $\pm$ 0.434 χ^2 /NDF: 61185.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

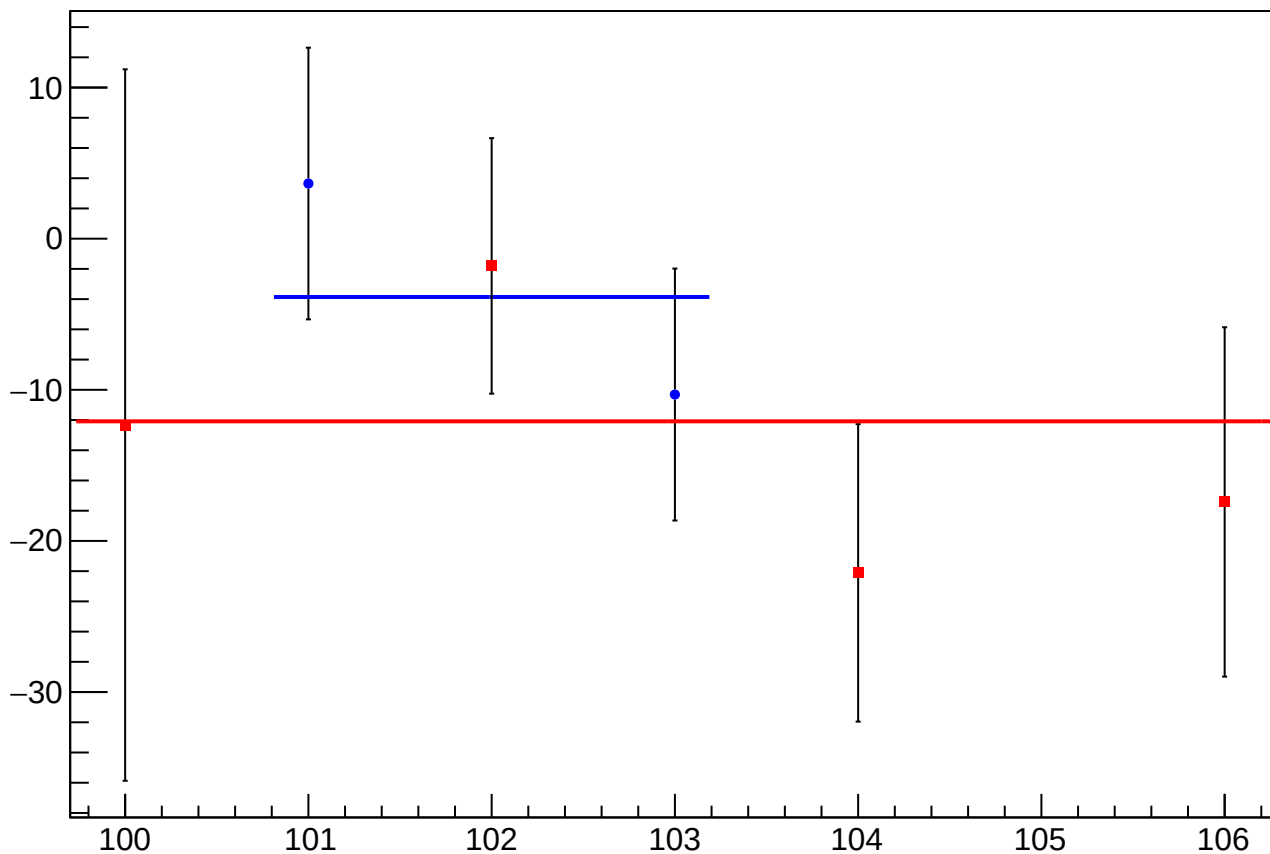
Right: 747.771 $\pm$ 0.325 χ^2 /NDF: 168855.9/5

In: 754.992 $\pm$ 0.488 χ^2 /NDF: 107278.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 747.771 $\pm$ 0.325 χ^2 /NDF: 168855.9/5

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.858+/-6.112 χ^2 /NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -12.086+/-5.455 χ^2 /NDF: 2.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

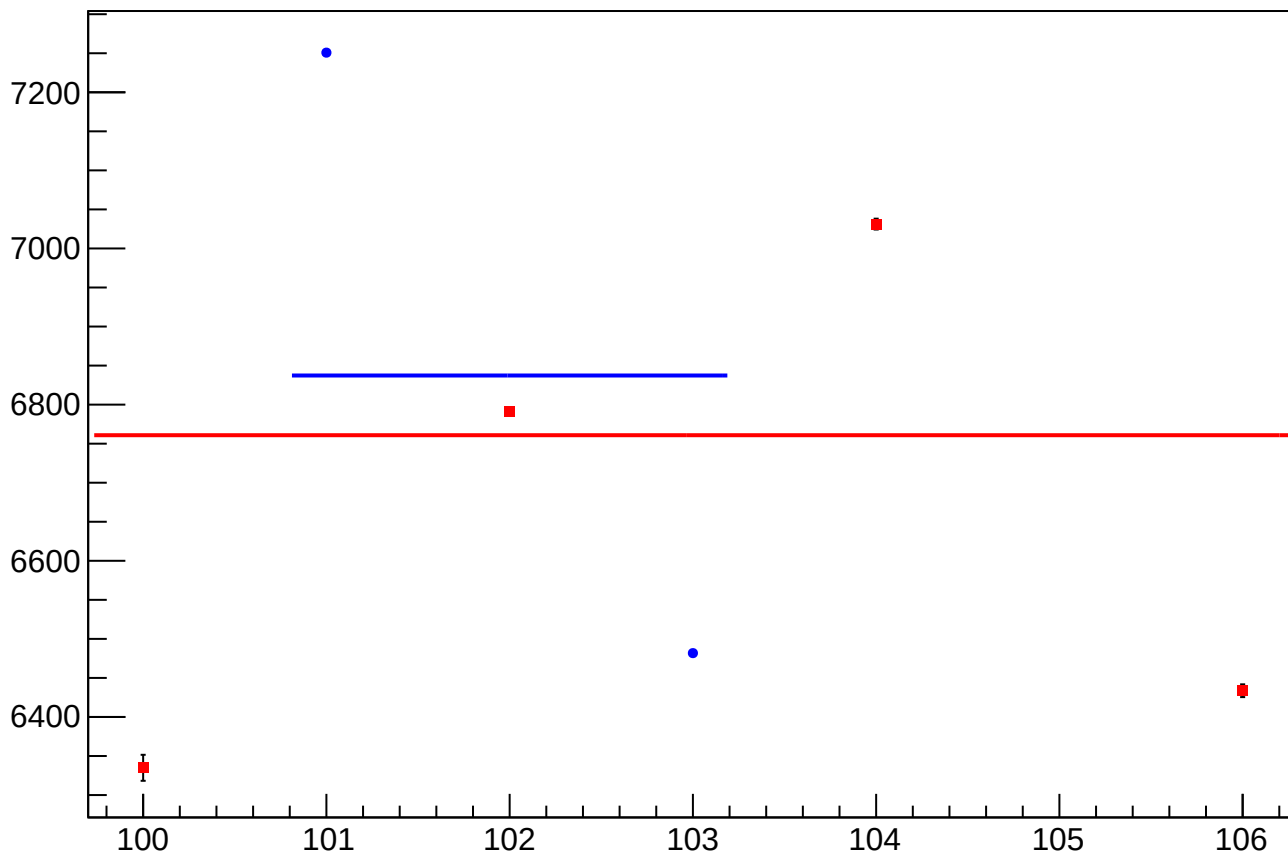
Right: -8.438+/-4.070 χ^2 /NDF: 5.0/5

In: -3.858+/-6.112 χ^2 /NDF:1.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.438+/-4.070 χ^2 /NDF: 5.0/5

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6837.303+/-4.322 χ^2/NDF : 7869.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6760.838+/-3.857 χ^2/NDF : 3793.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

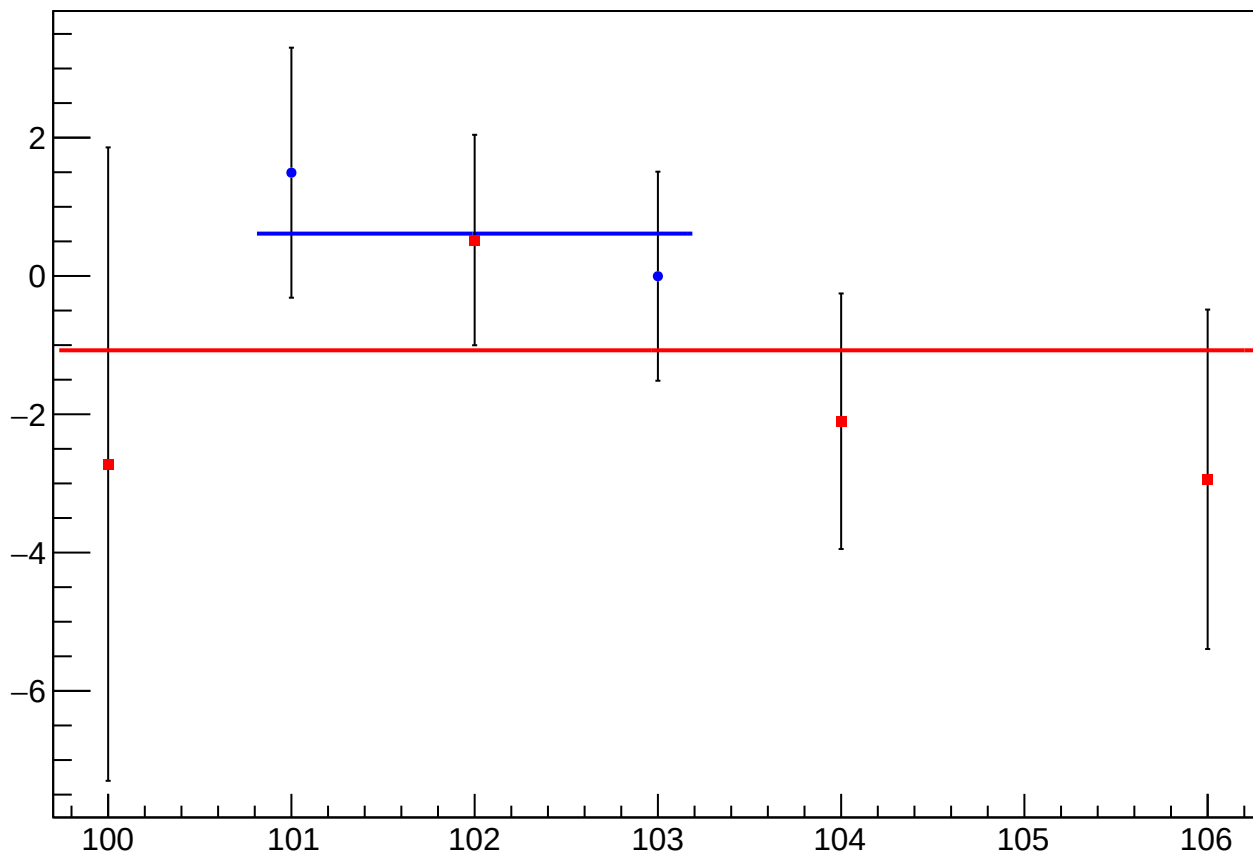
Right: 6794.739+/-2.878 χ^2/NDF : 11837.2/5

In: 6837.303+/-4.322 χ^2/NDF : 7869.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6794.739+/-2.878 χ^2/NDF : 11837.2/5

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.612 $\pm$ 1.160 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.075 $\pm$ 1.032 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

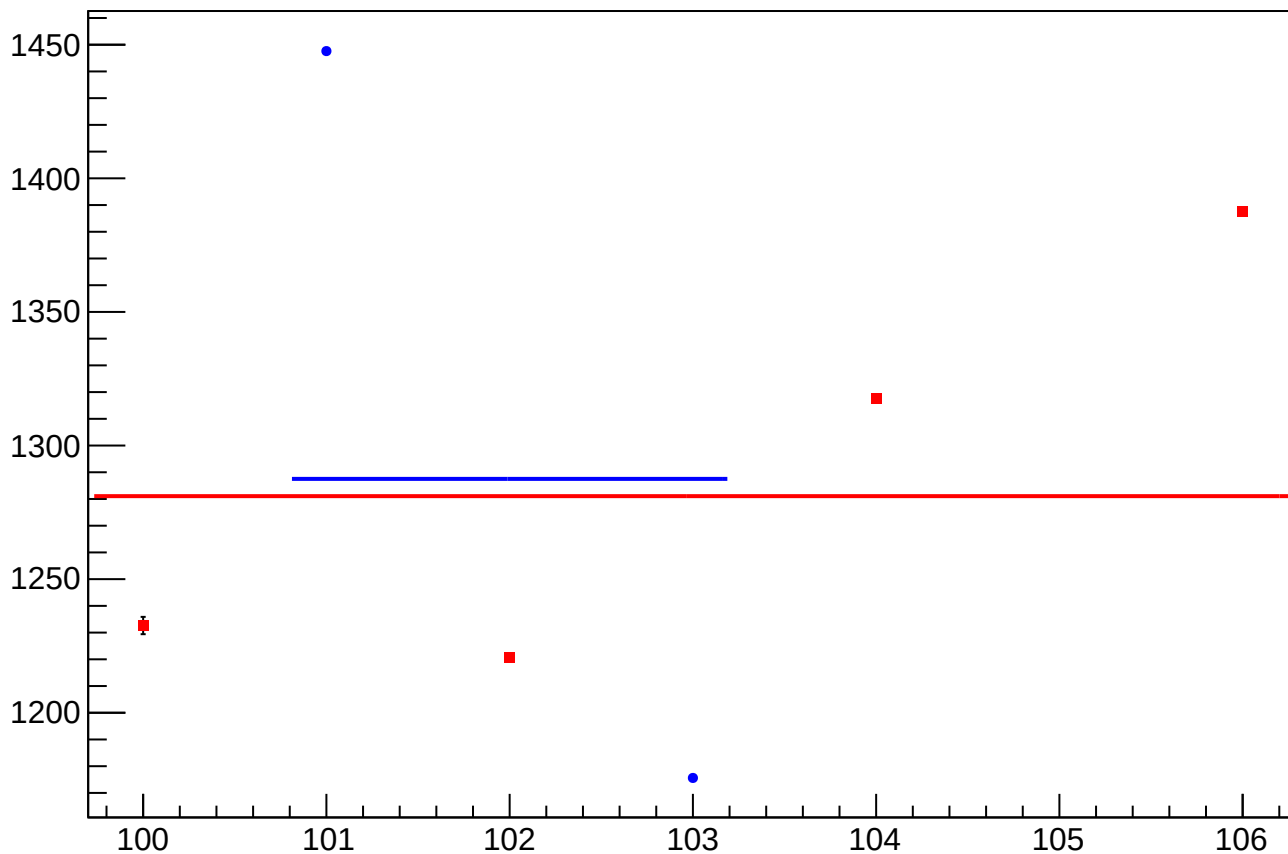
Right: -0.329 $\pm$ 0.771 χ^2 /NDF: 3.7/5

In: 0.612 $\pm$ 1.160 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.329 $\pm$ 0.771 χ^2 /NDF: 3.7/5

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1287.522+/-0.820 χ^2/NDF : 26648.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1281.060+/-0.730 χ^2/NDF : 7884.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

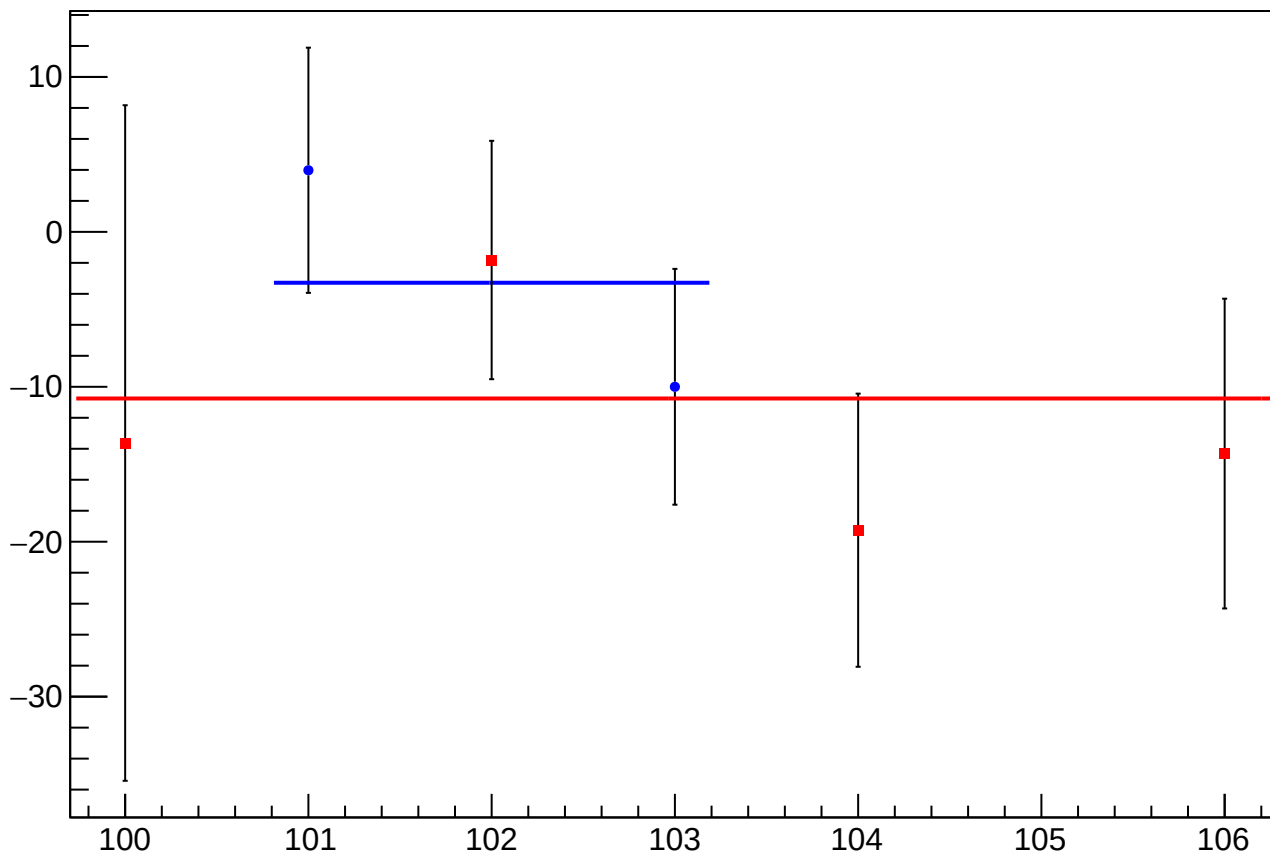
Right: 1283.917+/-0.545 χ^2/NDF : 34567.3/5

In: 1287.522+/-0.820 χ^2/NDF : 26648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.917+/-0.545 χ^2/NDF : 34567.3/5

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.284+/-5.485 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -10.755+/-4.887 χ^2/NDF : 2.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

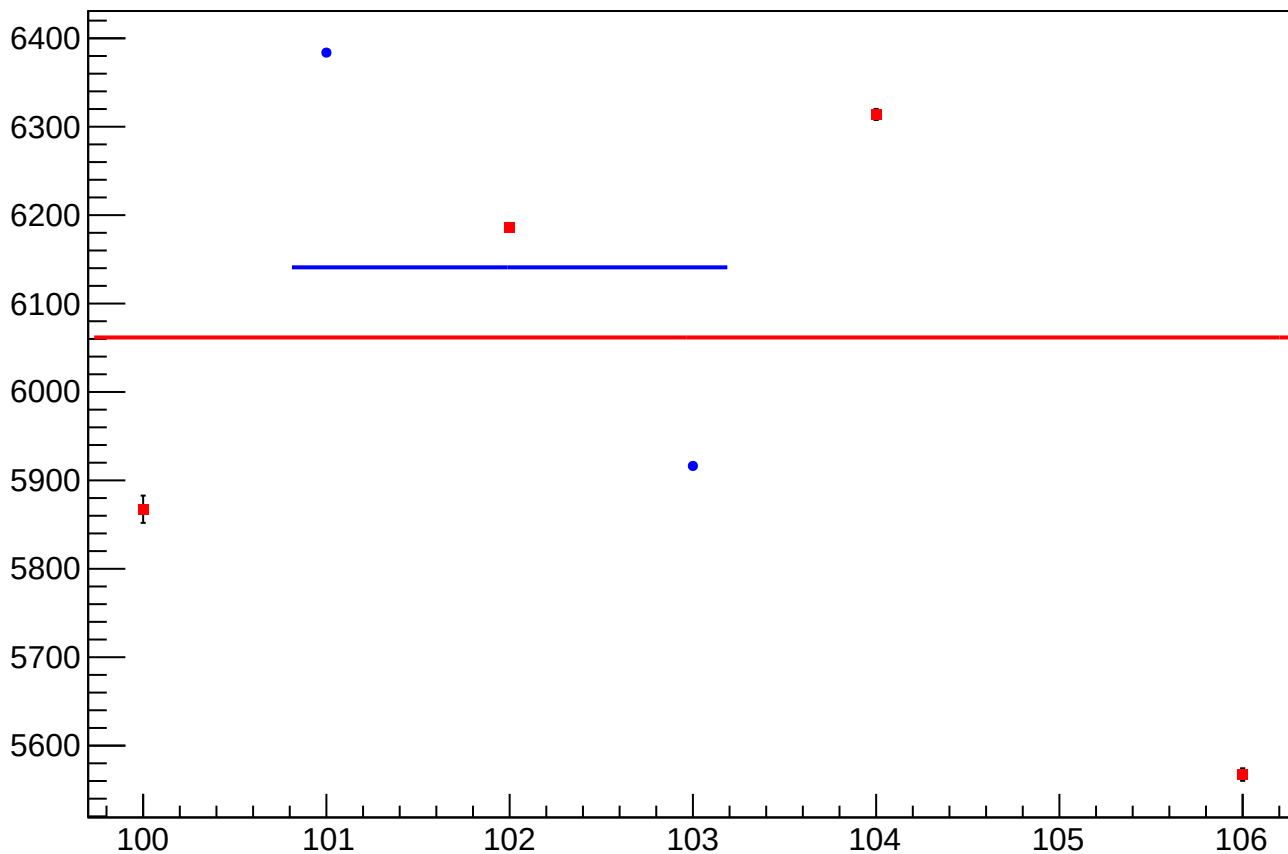
Right: -7.449+/-3.649 χ^2/NDF : 5.1/5

In: -3.284+/-5.485 χ^2/NDF :1.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -7.449+/-3.649 χ^2/NDF : 5.1/5

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6140.958+/-3.879 χ^2/NDF : 3625.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6061.662+/-3.456 χ^2/NDF : 7212.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

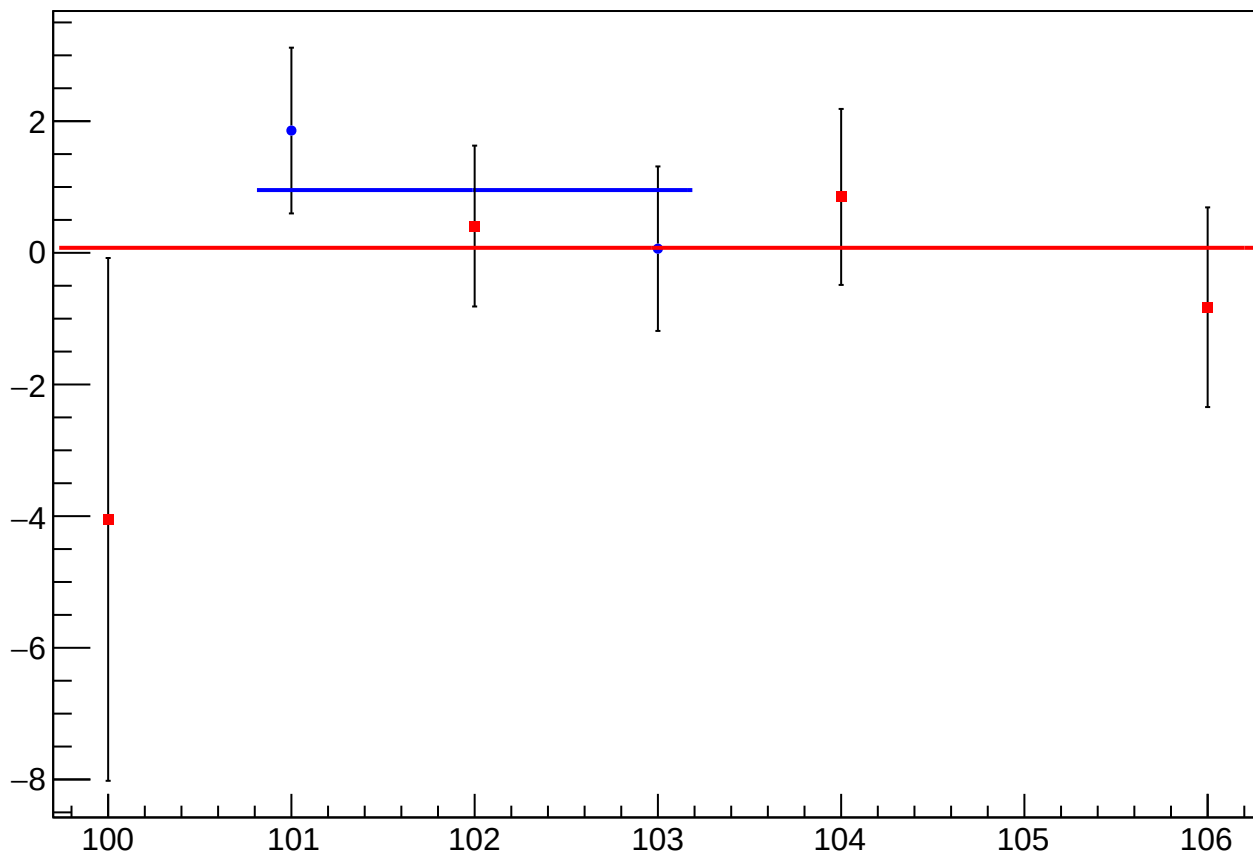
Right: 6096.750+/-2.580 χ^2/NDF : 11071.7/5

In: 6140.958+/-3.879 χ^2/NDF : 3625.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6096.750+/-2.580 χ^2/NDF : 11071.7/5

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.953+/-0.887 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.076+/-0.761 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

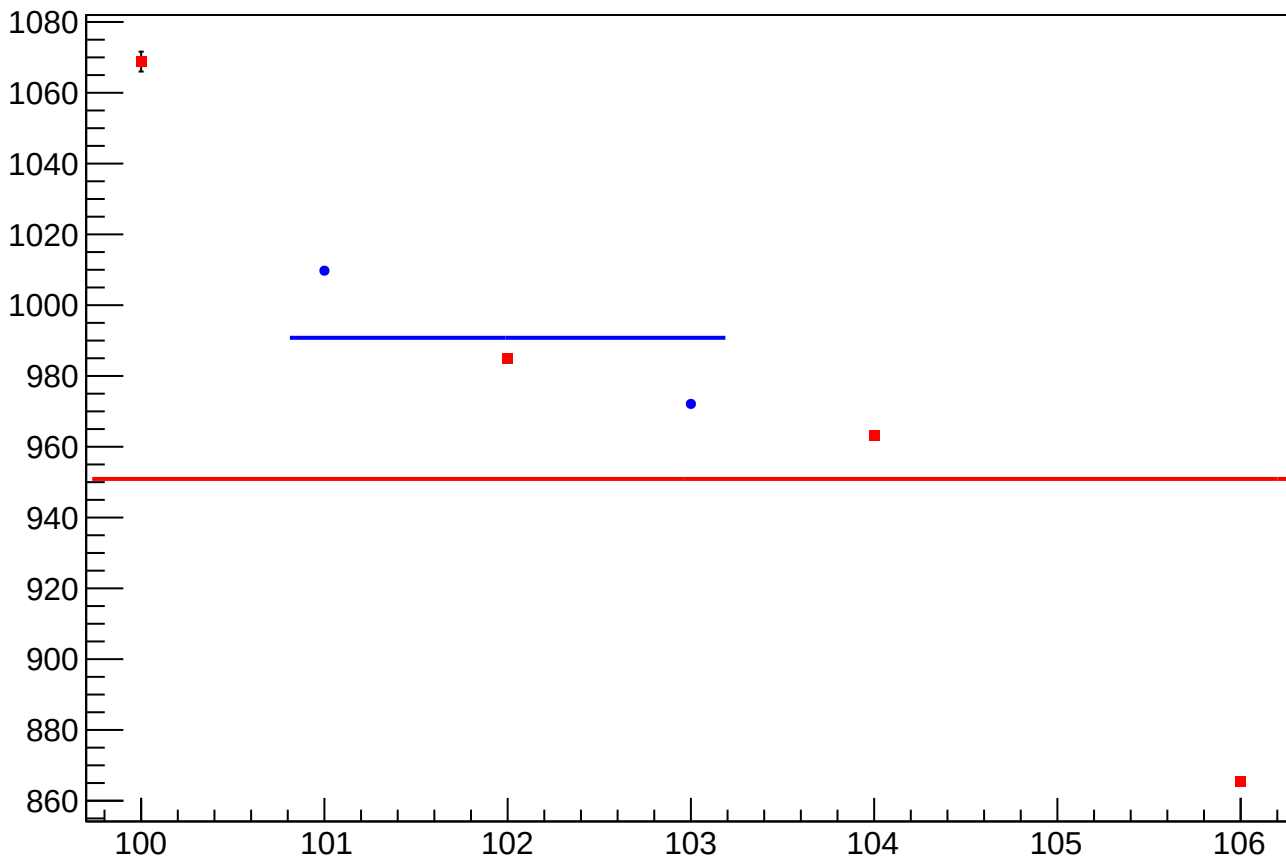
Right: 0.448+/-0.577 χ^2/NDF : 3.4/5

In: 0.953+/-0.887 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.448+/-0.577 χ^2/NDF : 3.4/5

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 990.782 ± 0.627 χ^2/NDF : 900.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 950.918 ± 0.538 χ^2/NDF : 9816.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

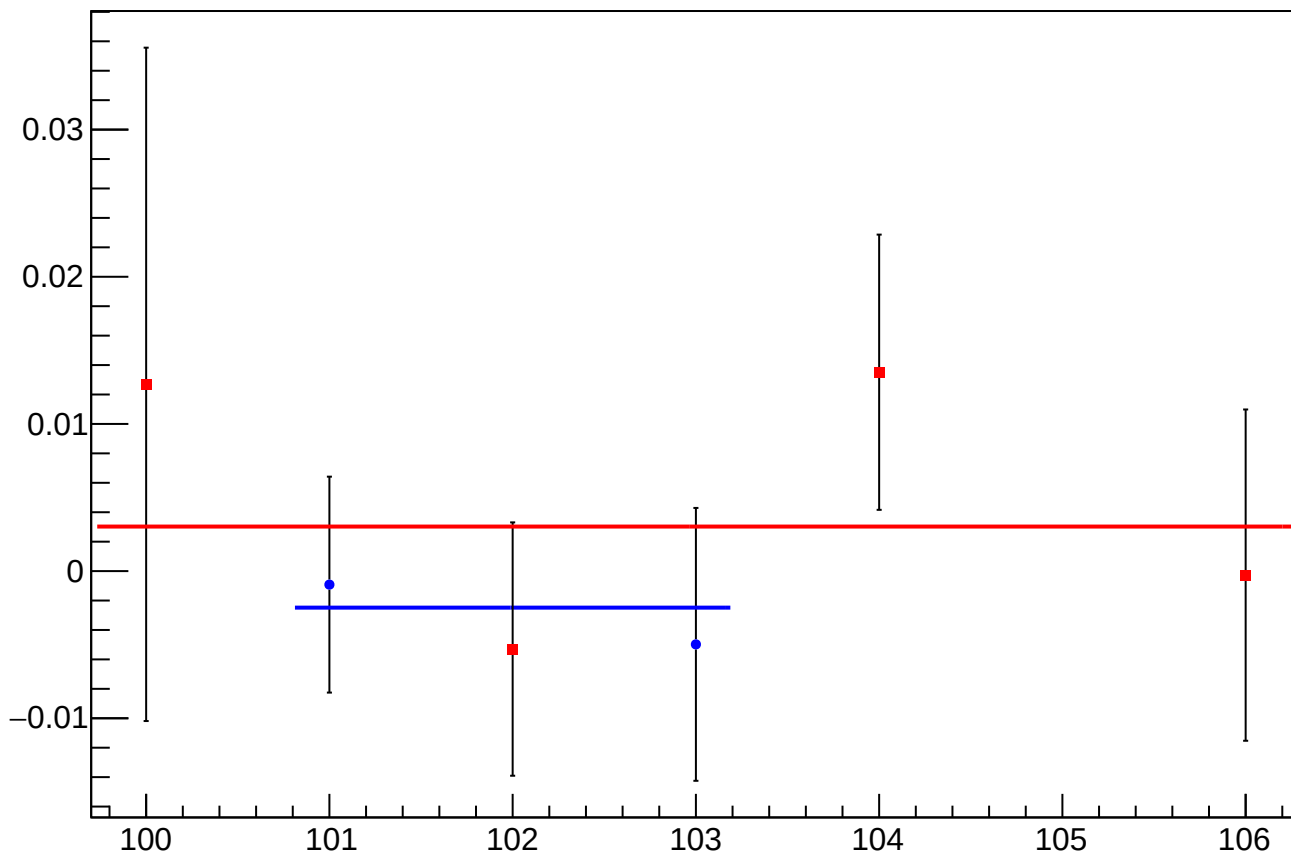
Right: 967.818 ± 0.408 χ^2/NDF : 13044.7/5

In: 990.782 ± 0.627 χ^2/NDF : 900.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 967.818 ± 0.408 χ^2/NDF : 13044.7/5

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.006 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.005 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

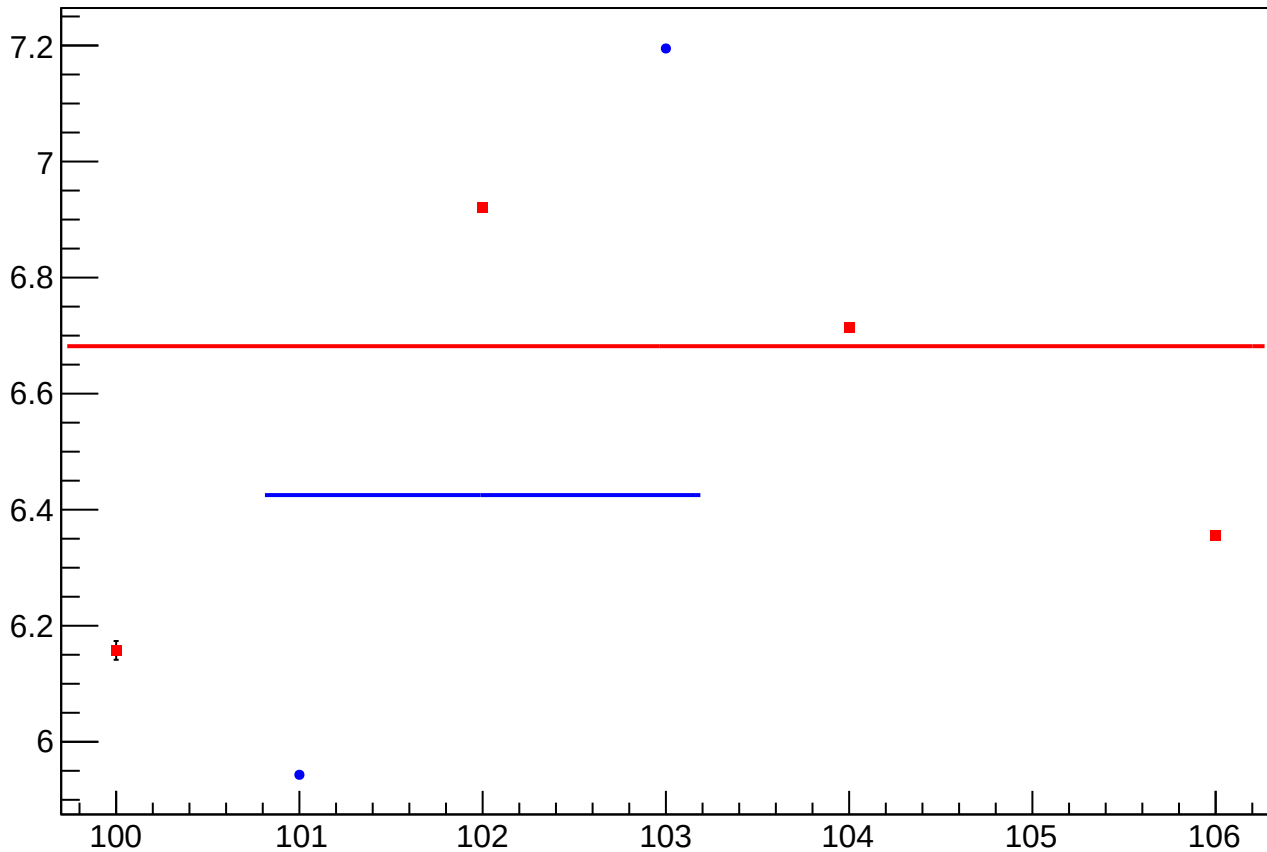
Right: 0.000 $\pm$ 0.004 χ^2 /NDF: 3.1/5

In: -0.002 $\pm$ 0.006 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.004 χ^2 /NDF: 3.1/5

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.425+/-0.004 χ^2/NDF : 22420.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.682+/-0.004 χ^2/NDF : 4290.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

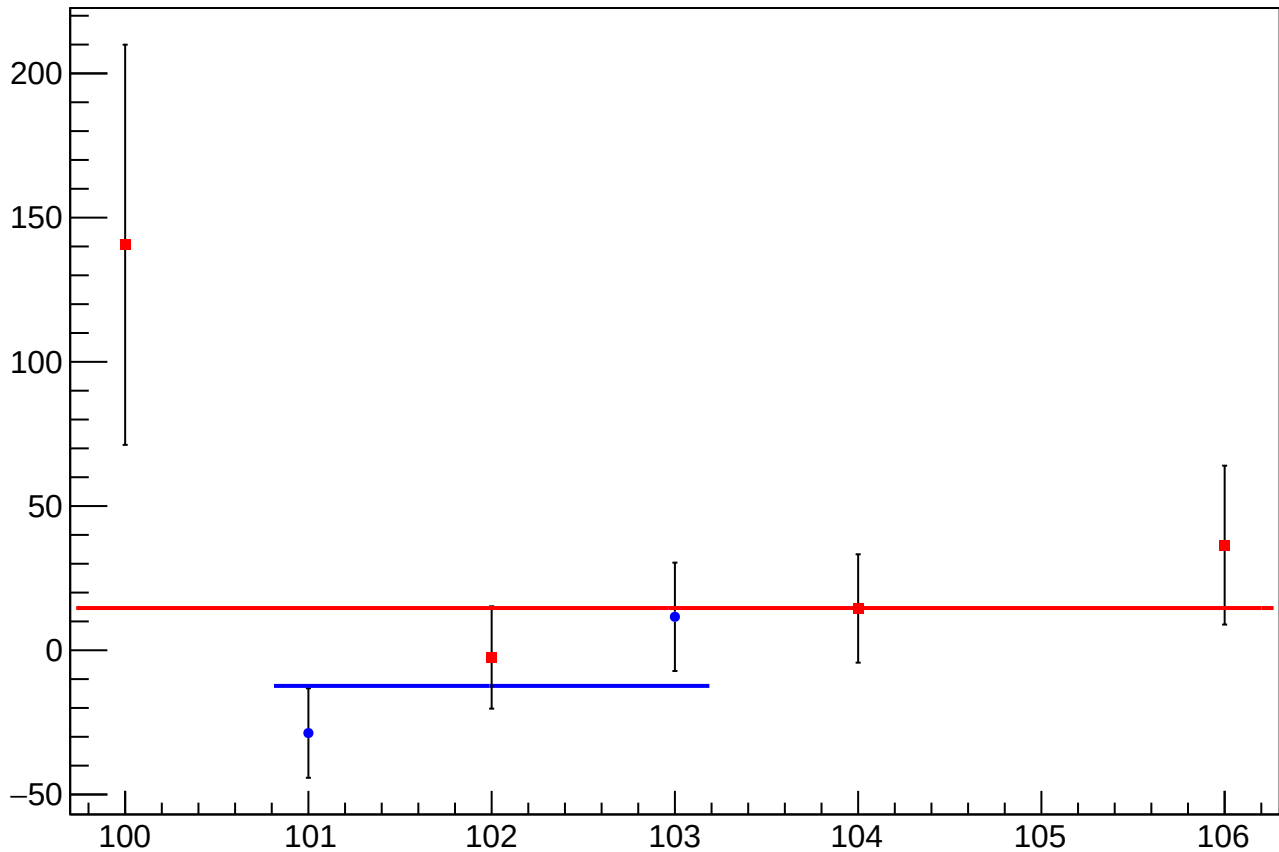
Right: 6.562+/-0.003 χ^2/NDF : 28839.0/5

In: 6.425+/-0.004 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.562+/-0.003 χ^2/NDF : 28839.0/5

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -12.354 $\pm$ 11.963 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.644 $\pm$ 11.518 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

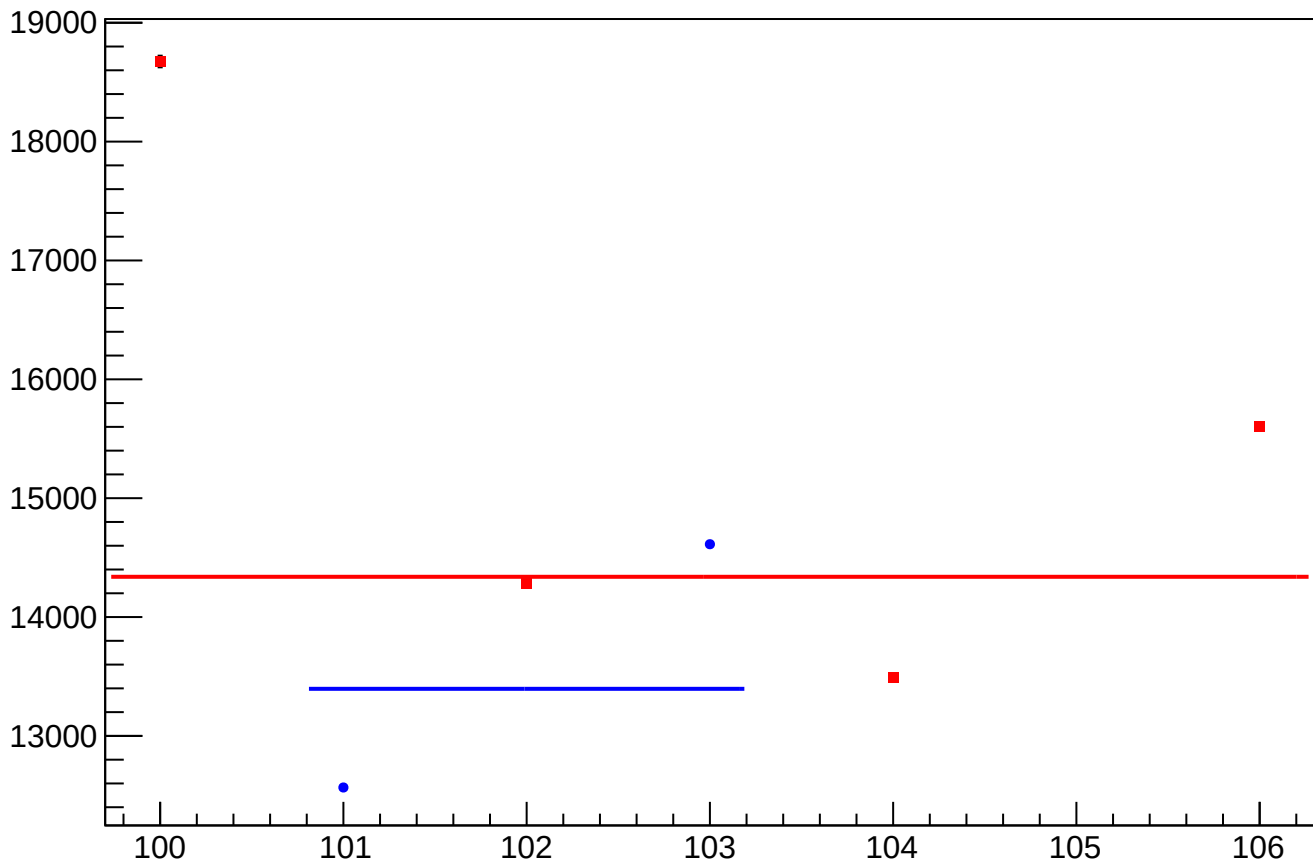
Right: 1.657 $\pm$ 8.297 χ^2 /NDF: 10.2/5

In: -12.354 $\pm$ 11.963 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.657 $\pm$ 8.297 χ^2 /NDF: 10.2/5

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 13396.166+/-8.459 χ^2/NDF : 14114.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14338.693+/-8.144 χ^2/NDF : 16080.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

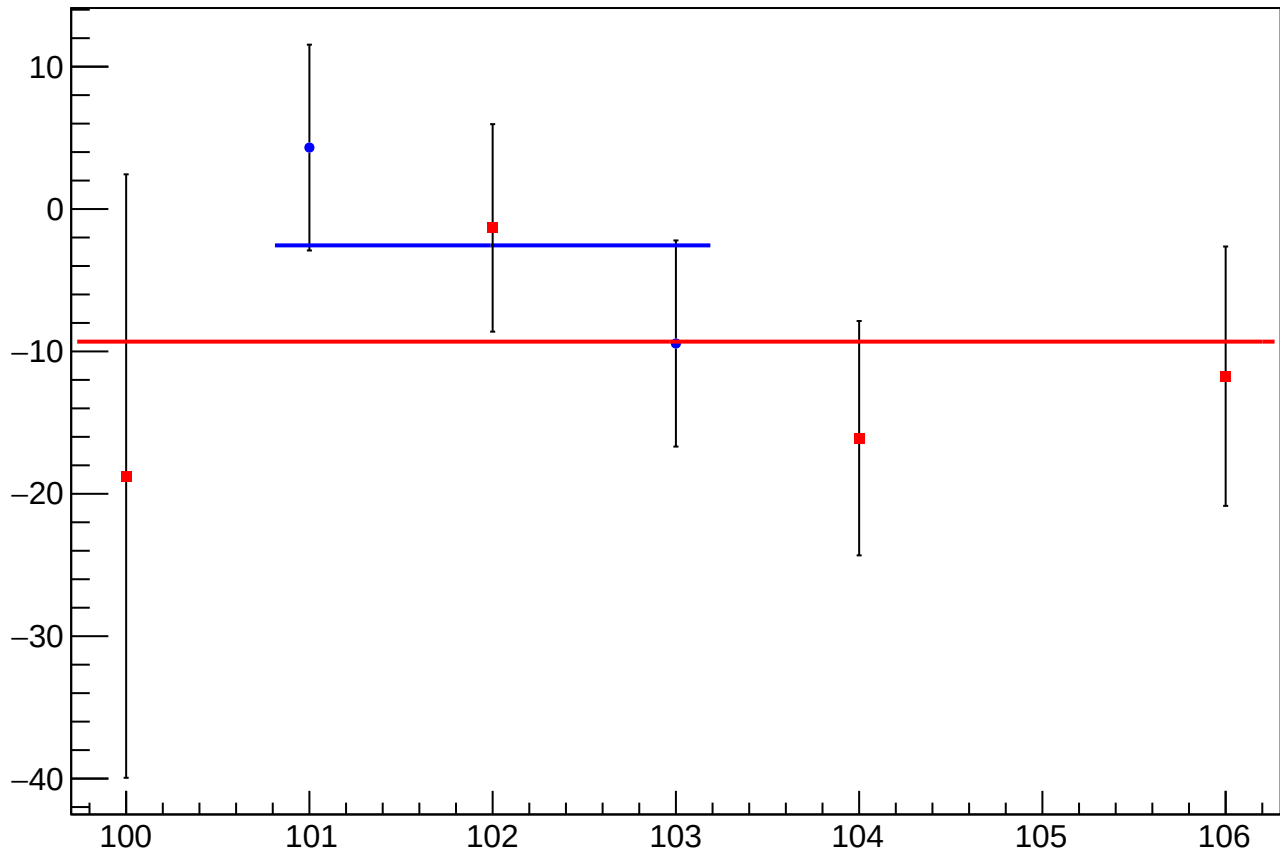
Right: 13885.290+/-5.867 χ^2/NDF : 36637.6/5

In: 13396.166+/-8.459 χ^2/NDF : 14114.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13885.290+/-5.867 χ^2/NDF : 36637.6/5

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.552+/-5.115 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.312+/-4.570 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

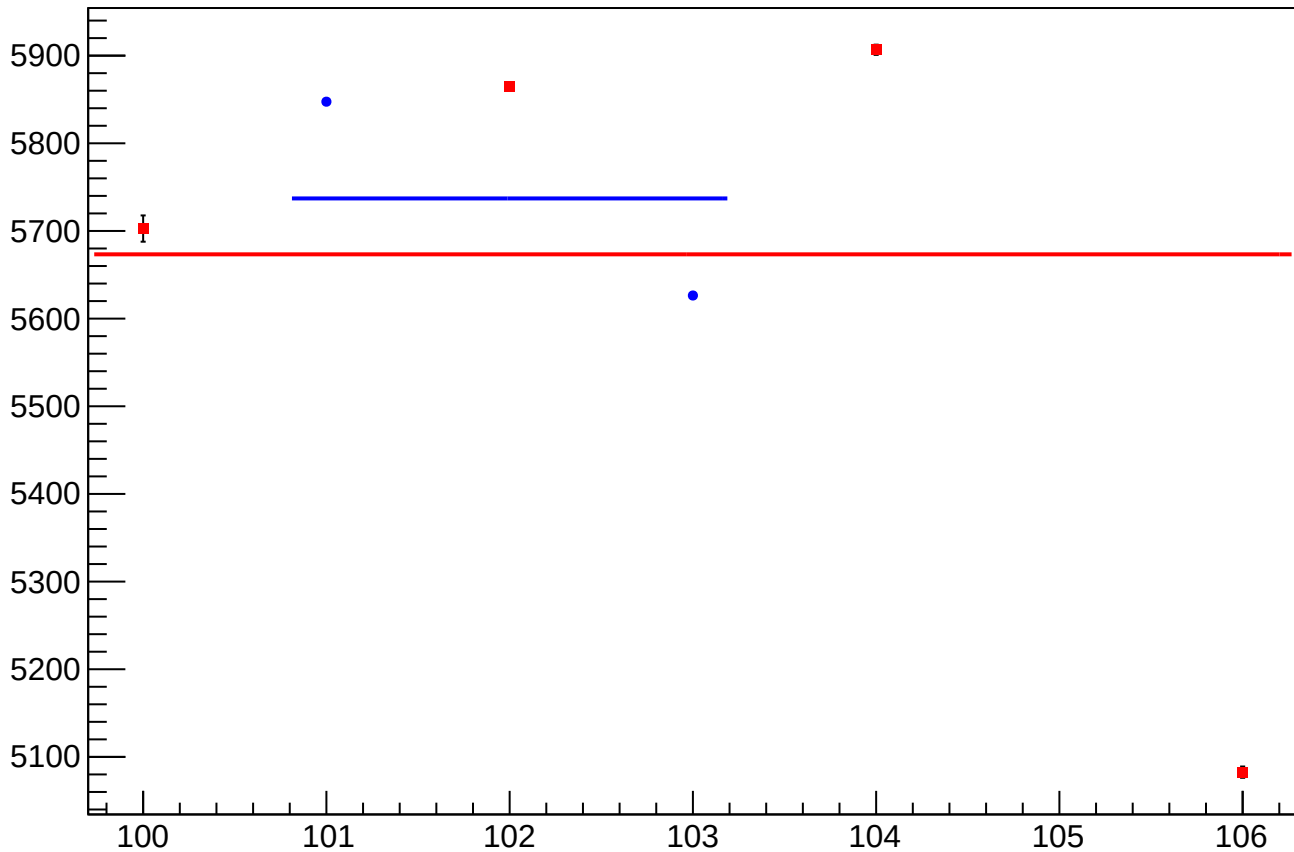
Right: -6.311+/-3.408 χ^2/NDF : 4.9/5

In: -2.552+/-5.115 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.311+/-3.408 χ^2/NDF : 4.9/5

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 5737.104+/-3.617 χ^2/NDF : 934.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5673.332+/-3.232 χ^2/NDF : 11409.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

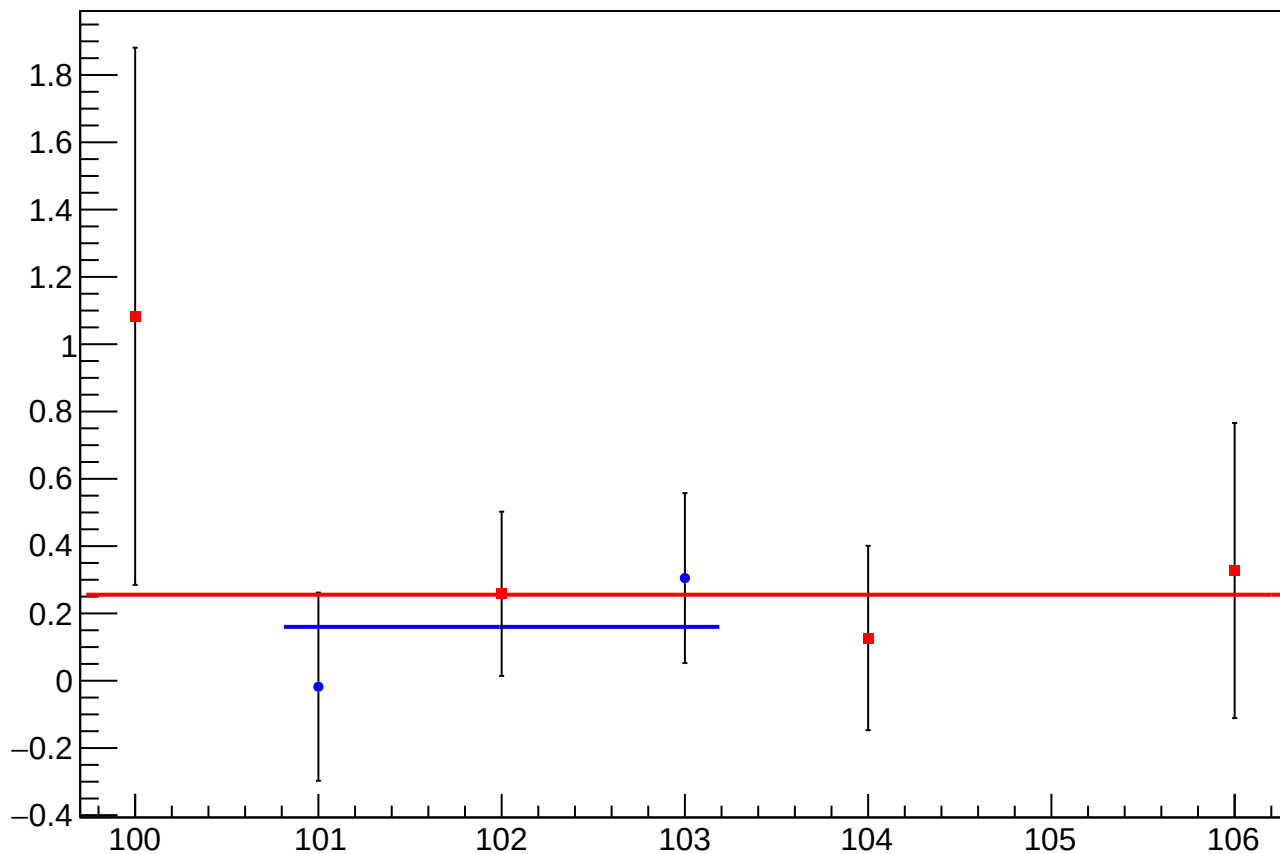
Right: 5701.645+/-2.410 χ^2/NDF : 12517.0/5

In: 5737.104+/-3.617 χ^2/NDF : 934.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5701.645+/-2.410 χ^2/NDF : 12517.0/5

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.160 $\pm$ 0.187 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.256 $\pm$ 0.165 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

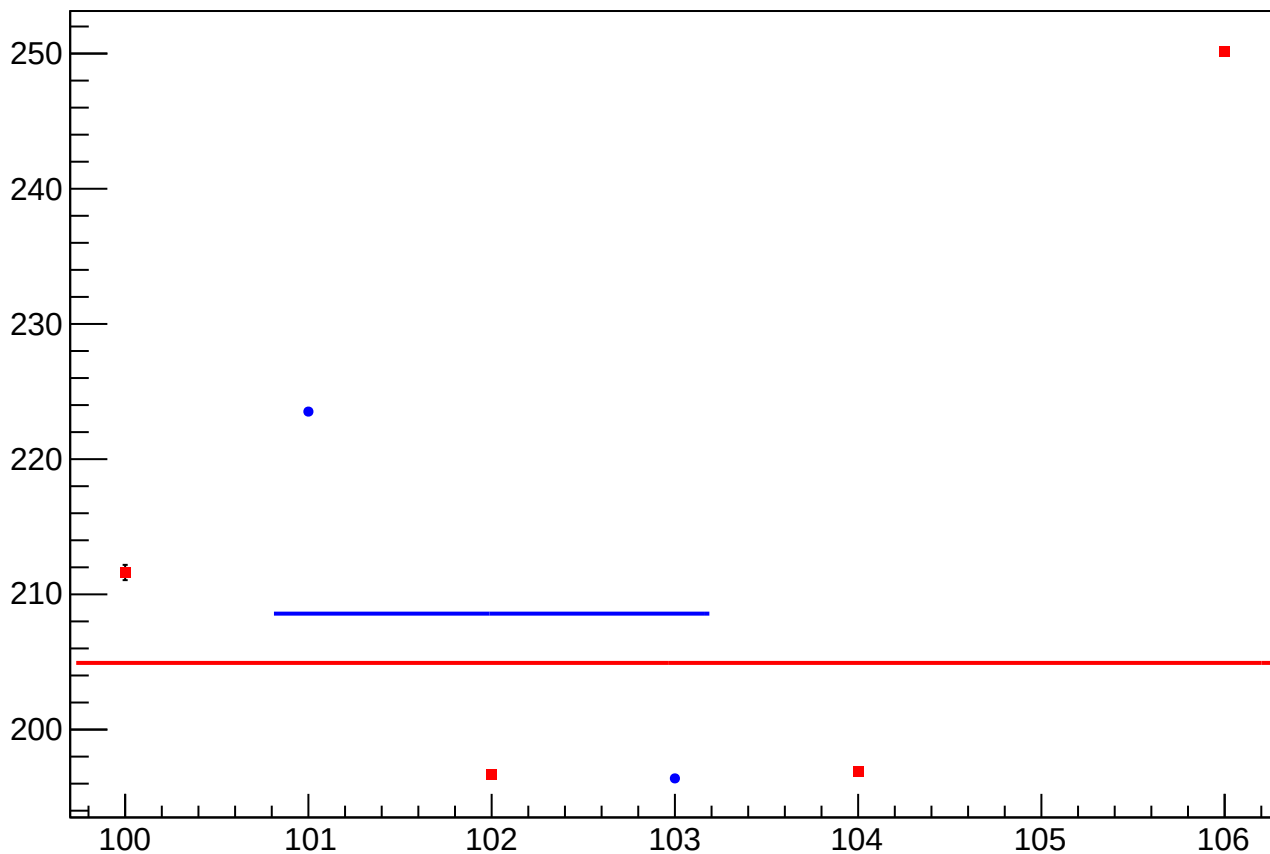
Right: 0.214 $\pm$ 0.124 χ^2 /NDF: 2.2/5

In: 0.160 $\pm$ 0.187 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.214 $\pm$ 0.124 χ^2 /NDF: 2.2/5

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 208.575+/-0.132 χ^2/NDF : 10372.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.930+/-0.116 χ^2/NDF : 25394.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

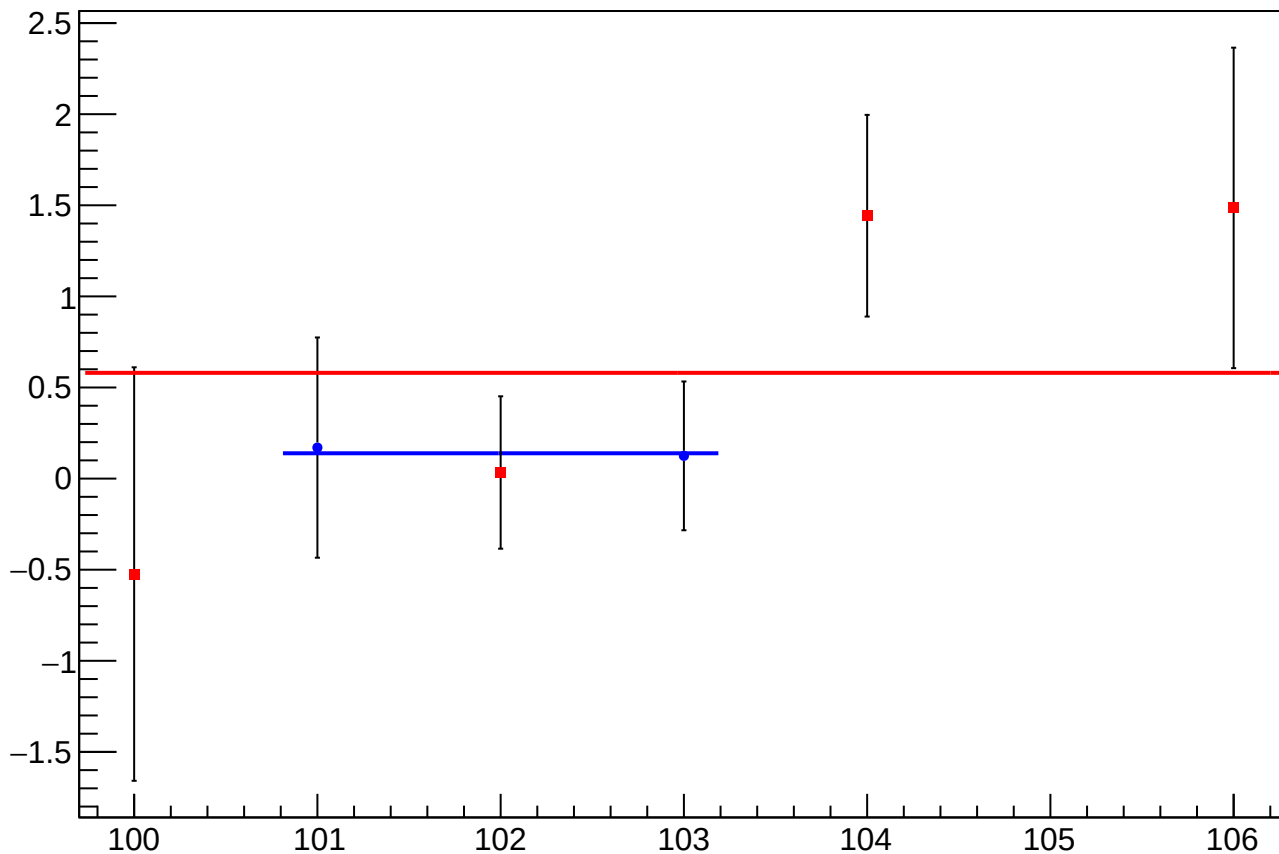
Right: 206.518+/-0.087 χ^2/NDF : 36193.3/5

In: 208.575+/-0.132 χ^2/NDF : 10372.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.518+/-0.087 χ^2/NDF : 36193.3/5

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: 0.139 $\pm$ 0.338 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.580 $\pm$ 0.301 χ^2 /NDF: 6.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

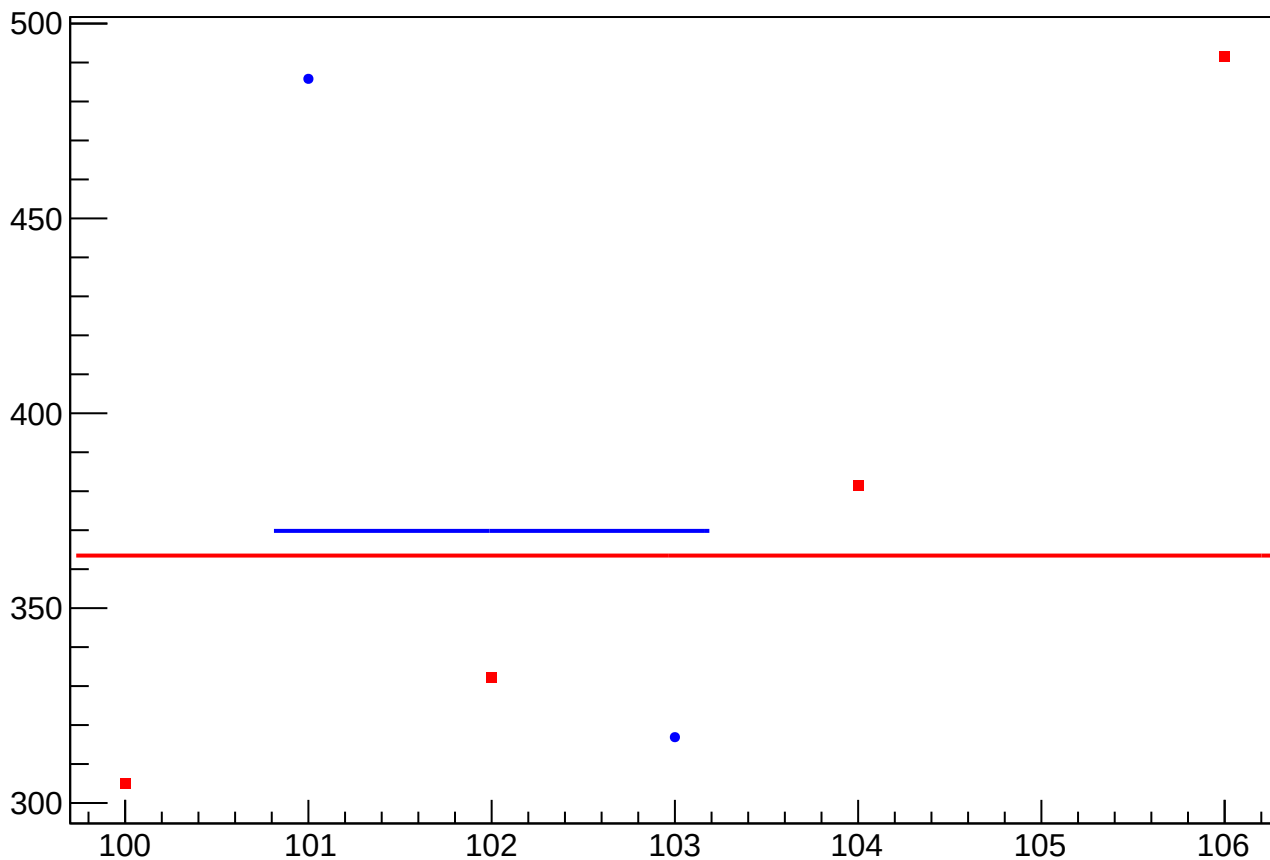
Right: 0.386 $\pm$ 0.225 χ^2 /NDF: 7.1/5

In: 0.139 $\pm$ 0.338 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.386 $\pm$ 0.225 χ^2 /NDF: 7.1/5

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 369.822 $\pm$ 0.239 χ^2 /NDF: 107278.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 363.489 $\pm$ 0.213 χ^2 /NDF: 61185.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

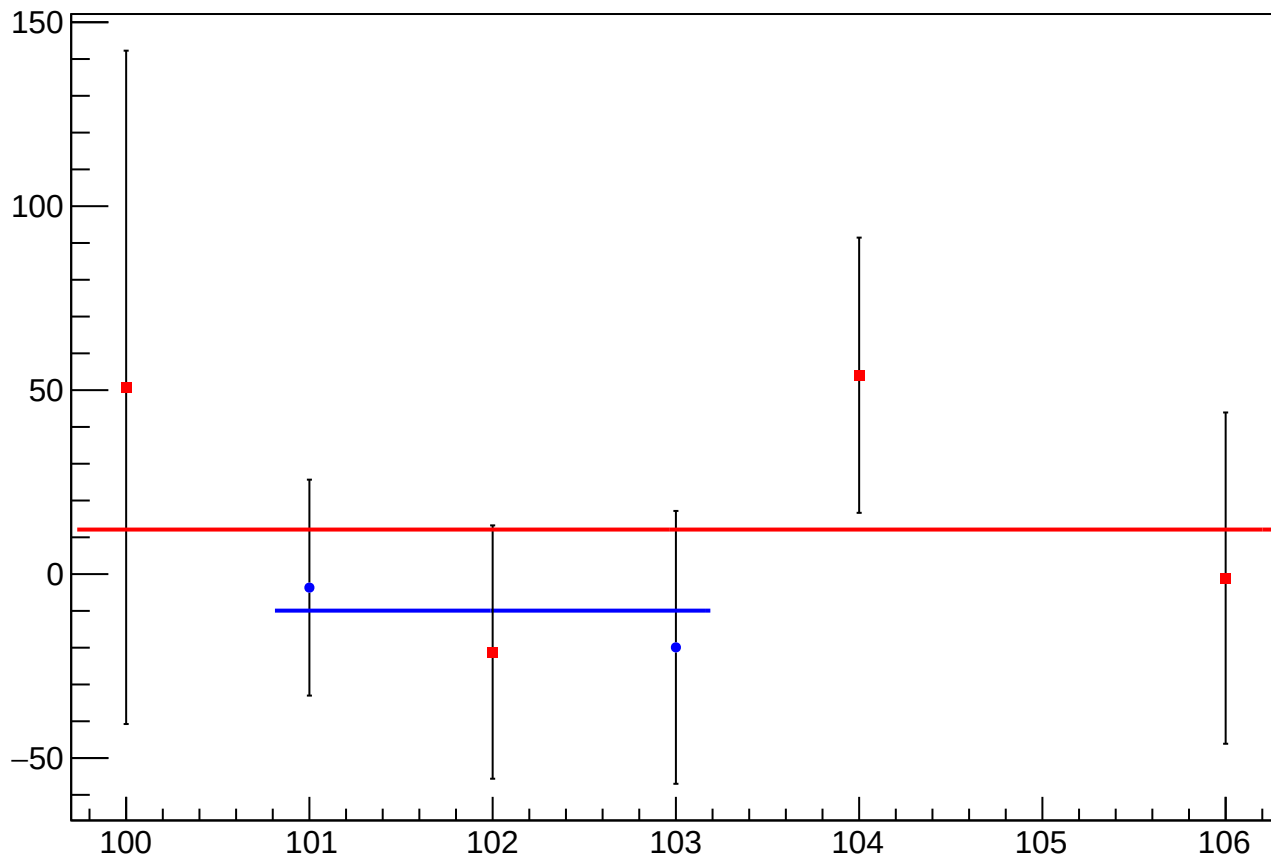
Right: 366.285 $\pm$ 0.159 χ^2 /NDF: 168855.9/5

In: 369.822 $\pm$ 0.239 χ^2 /NDF: 107278.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 366.285 $\pm$ 0.159 χ^2 /NDF: 168855.9/5

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.107+/-21.461 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

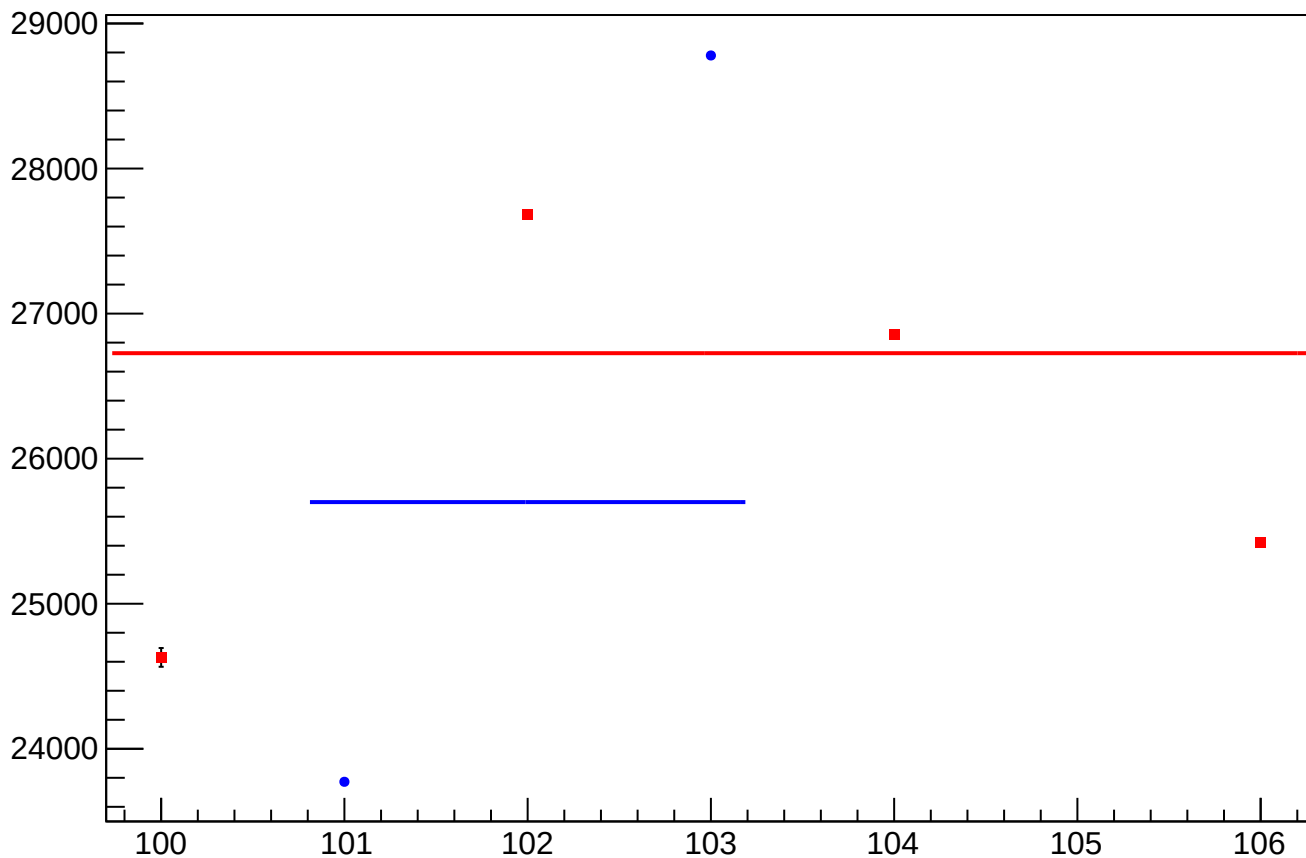
Right: 1.857+/-15.695 χ^2/NDF : 3.1/5

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.857+/-15.695 χ^2/NDF : 3.1/5

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 25700.668 $\pm$ 16.272 χ^2 /NDF: 22420.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26727.139 $\pm$ 15.176 χ^2 /NDF: 4290.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

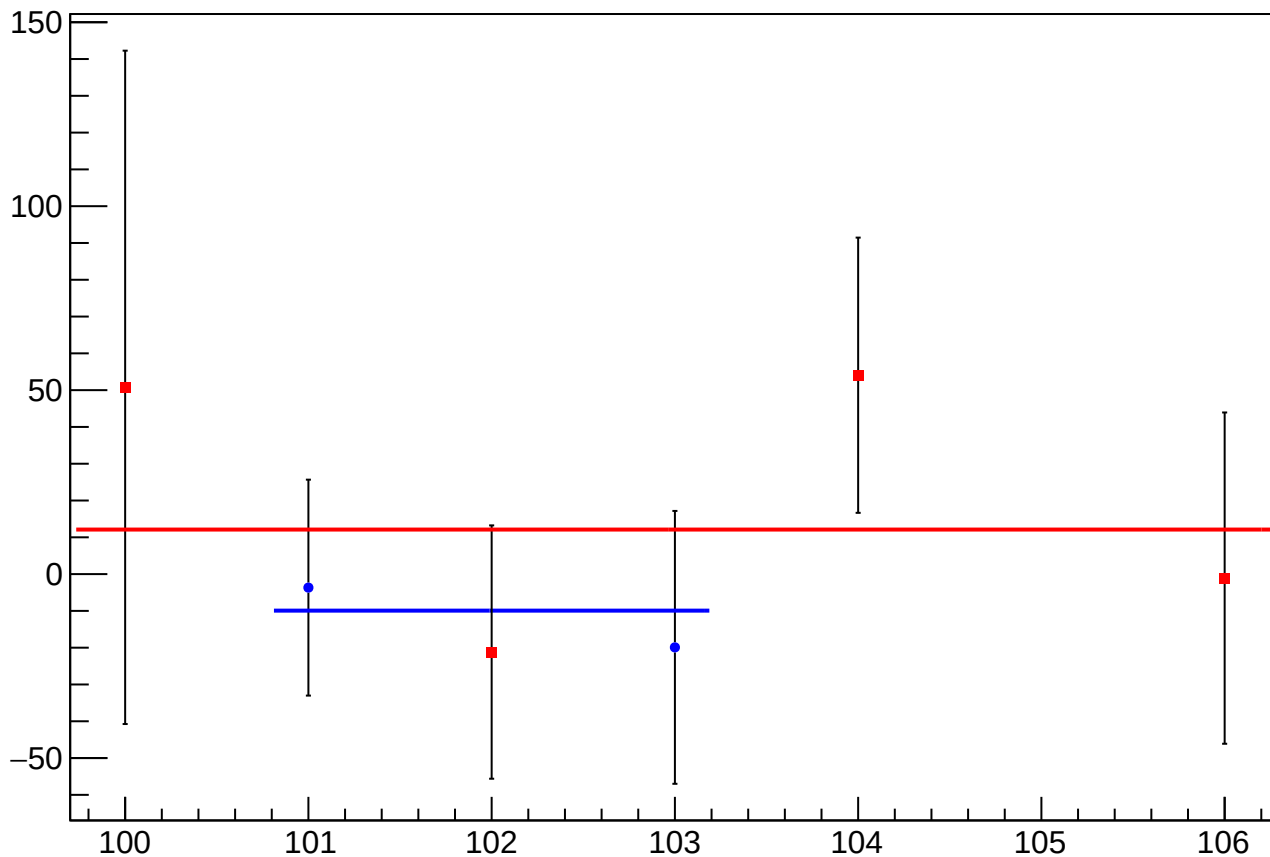
Right: 26249.643 $\pm$ 11.098 χ^2 /NDF: 28839.0/5

In: 25700.668 $\pm$ 16.272 χ^2 /NDF: 22420.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26249.643 $\pm$ 11.098 χ^2 /NDF: 28839.0/5

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.107+/-21.461 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

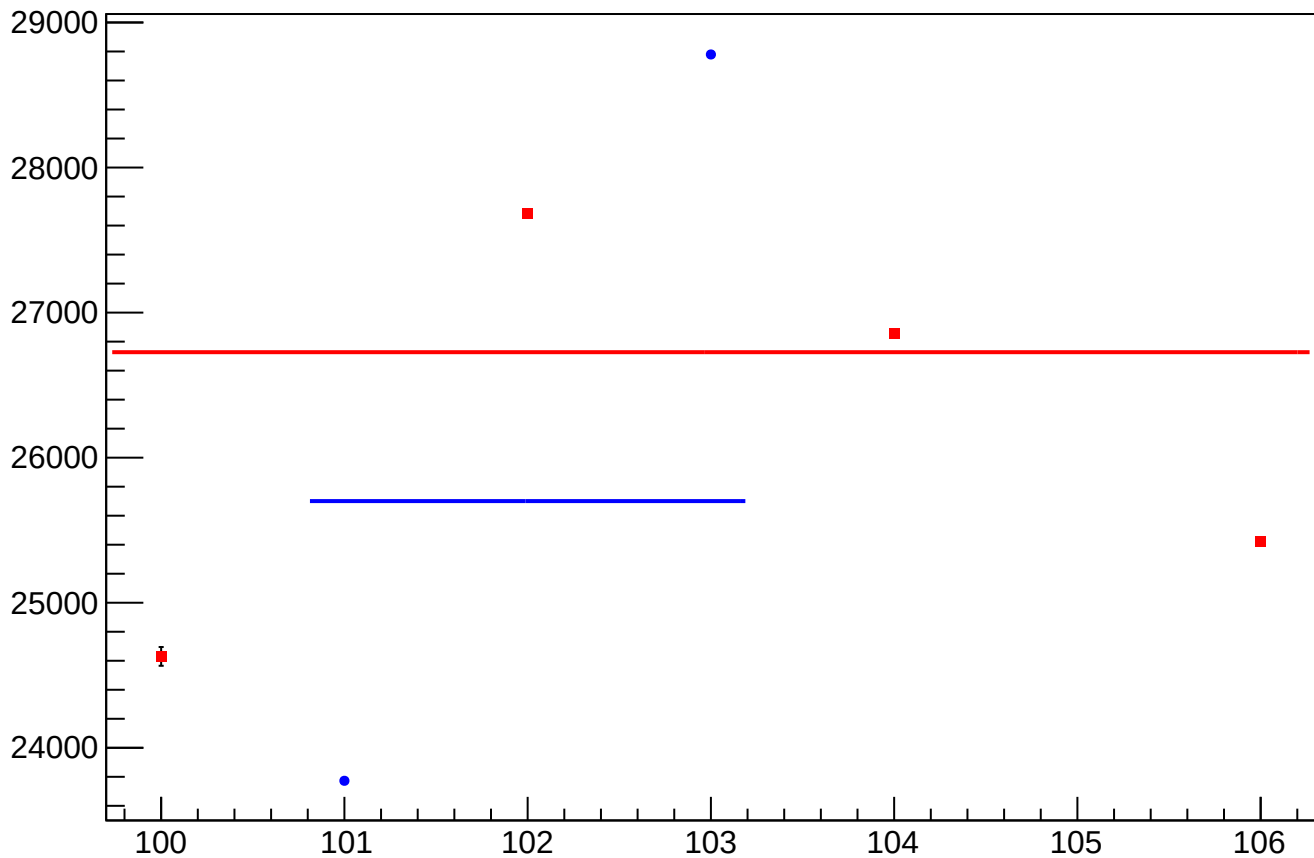
Right: 1.857+/-15.695 χ^2/NDF : 3.1/5

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.857+/-15.695 χ^2/NDF : 3.1/5

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 25700.668 $\pm$ 16.272 χ^2 /NDF: 22420.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26727.139 $\pm$ 15.176 χ^2 /NDF: 4290.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

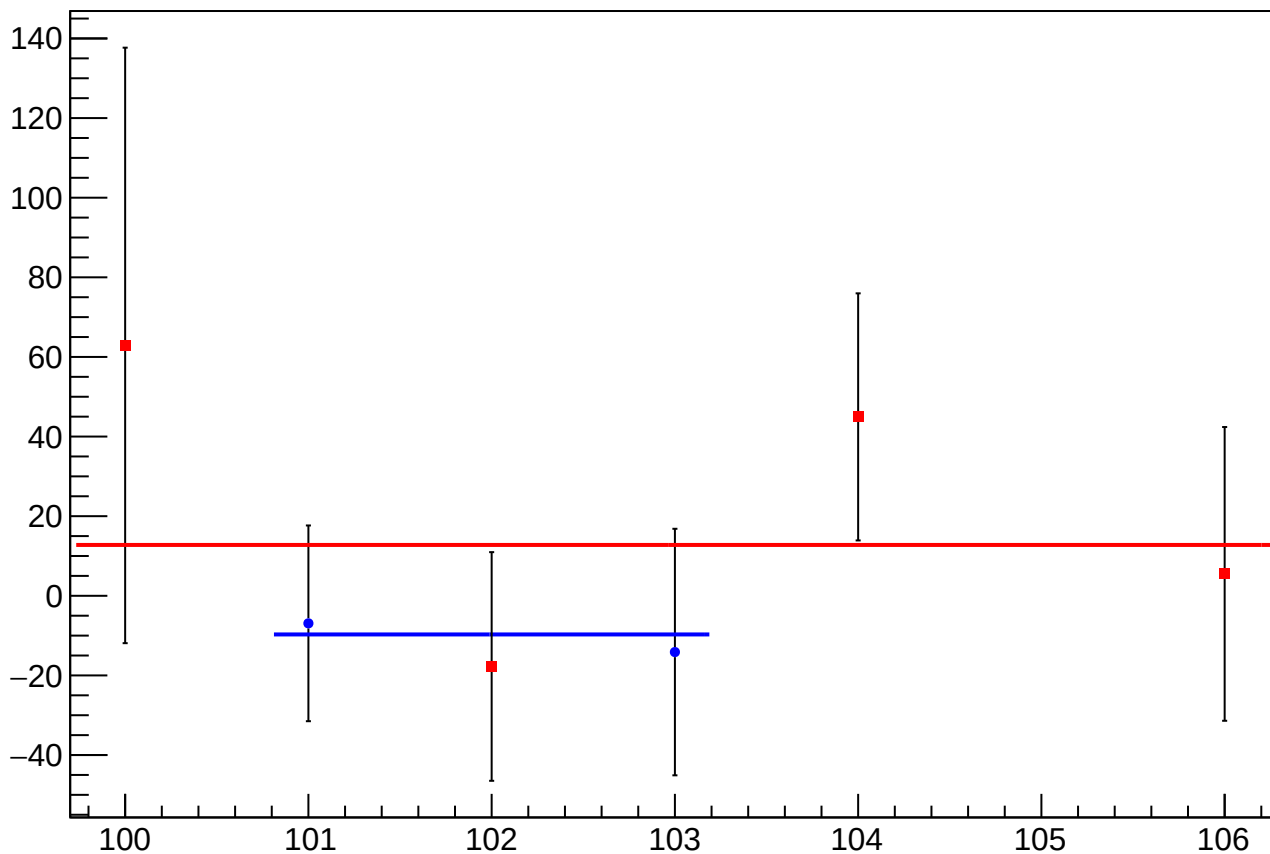
Right: 26249.643 $\pm$ 11.098 χ^2 /NDF: 28839.0/5

In: 25700.668 $\pm$ 16.272 χ^2 /NDF: 22420.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26249.643 $\pm$ 11.098 χ^2 /NDF: 28839.0/5

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -9.707 $\pm$ 19.253 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.775 $\pm$ 17.777 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

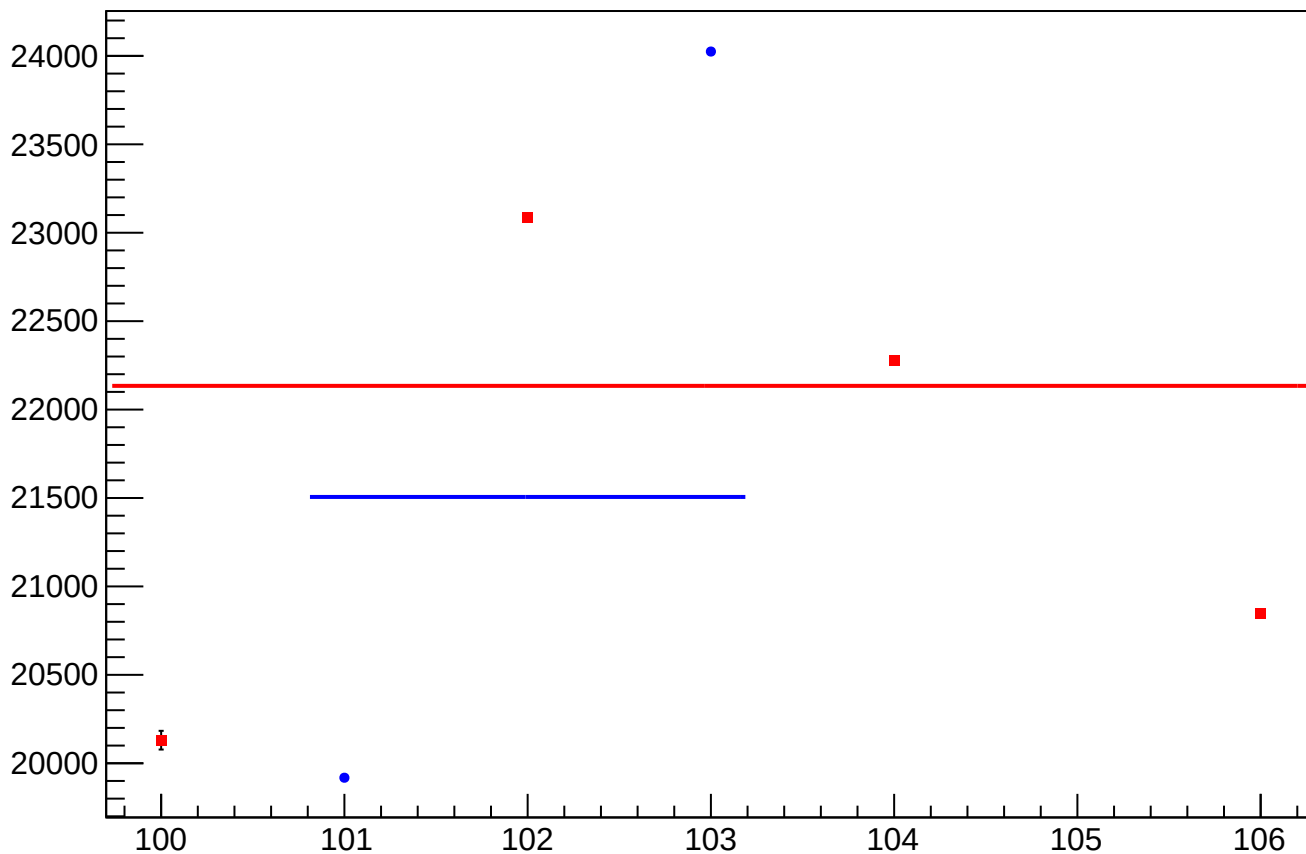
Right: 2.429 $\pm$ 13.061 χ^2 /NDF: 3.5/5

In: -9.707 $\pm$ 19.253 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.429 $\pm$ 13.061 χ^2 /NDF: 3.5/5

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 21505.976+/-13.614 χ^2/NDF : 21575.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22134.140+/-12.570 χ^2/NDF : 6117.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

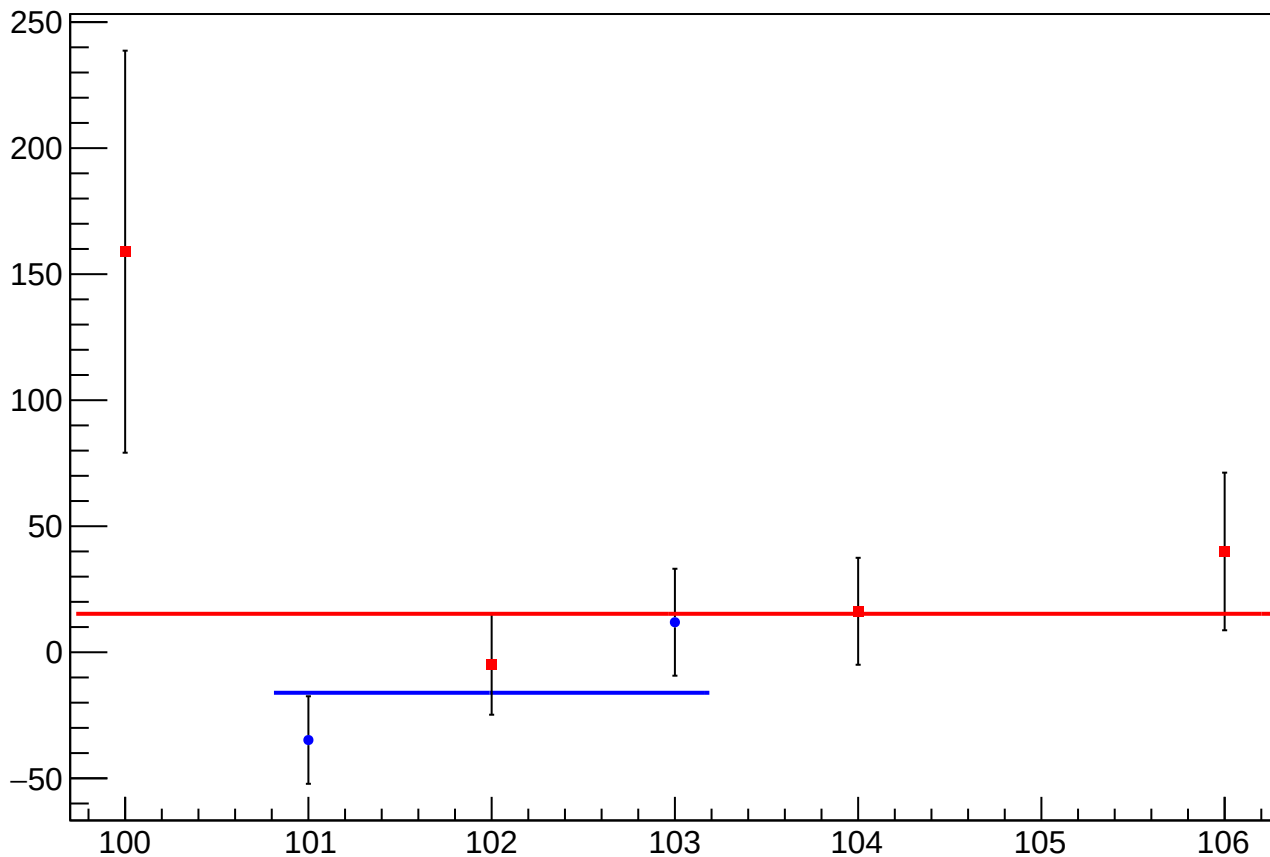
Right: 21845.057+/-9.236 χ^2/NDF : 28842.6/5

In: 21505.976+/-13.614 χ^2/NDF : 21575.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21845.057+/-9.236 χ^2/NDF : 28842.6/5

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -16.069 $\pm$ 13.435 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.261 $\pm$ 13.016 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

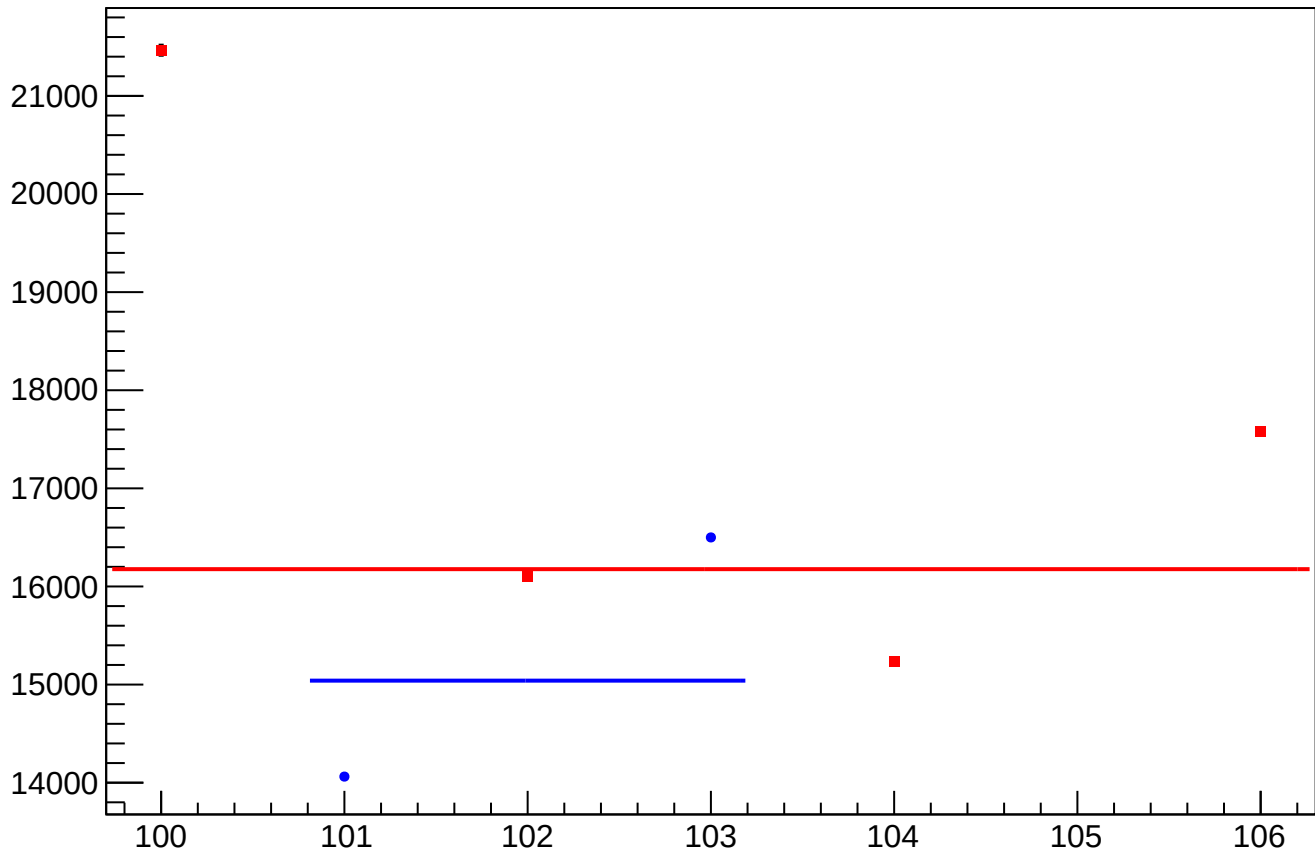
Right: 0.092 $\pm$ 9.349 χ^2 /NDF: 10.6/5

In: -16.069 $\pm$ 13.435 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.092 $\pm$ 9.349 χ^2 /NDF: 10.6/5

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 15040.114+/-9.500 χ^2/NDF : 15817.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16176.448+/-9.204 χ^2/NDF : 16779.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

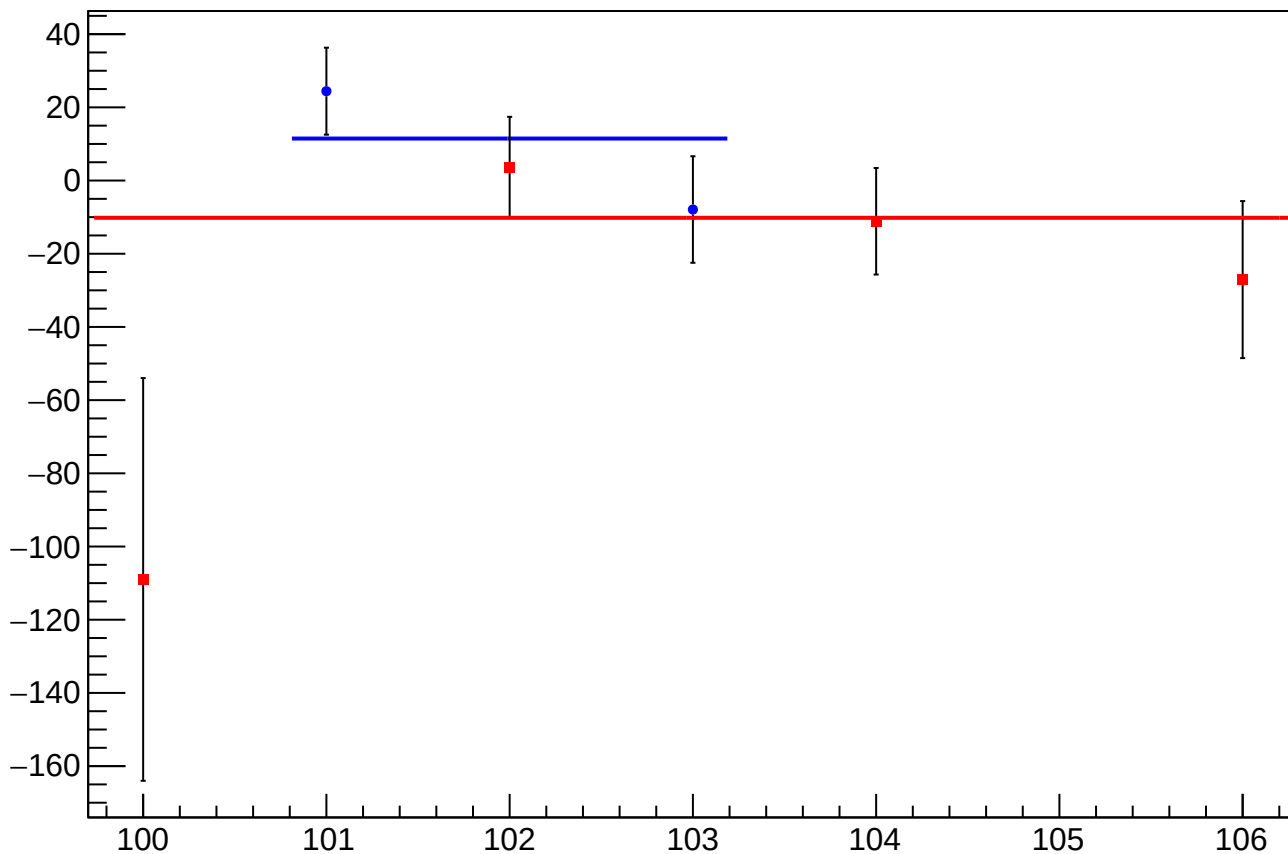
Right: 15626.273+/-6.610 χ^2/NDF : 39976.9/5

In: 15040.114+/-9.500 χ^2/NDF : 15817.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15626.273+/-6.610 χ^2/NDF : 39976.9/5

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 11.477+/-9.206 χ^2 /NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.181+/-8.930 χ^2 /NDF: 4.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

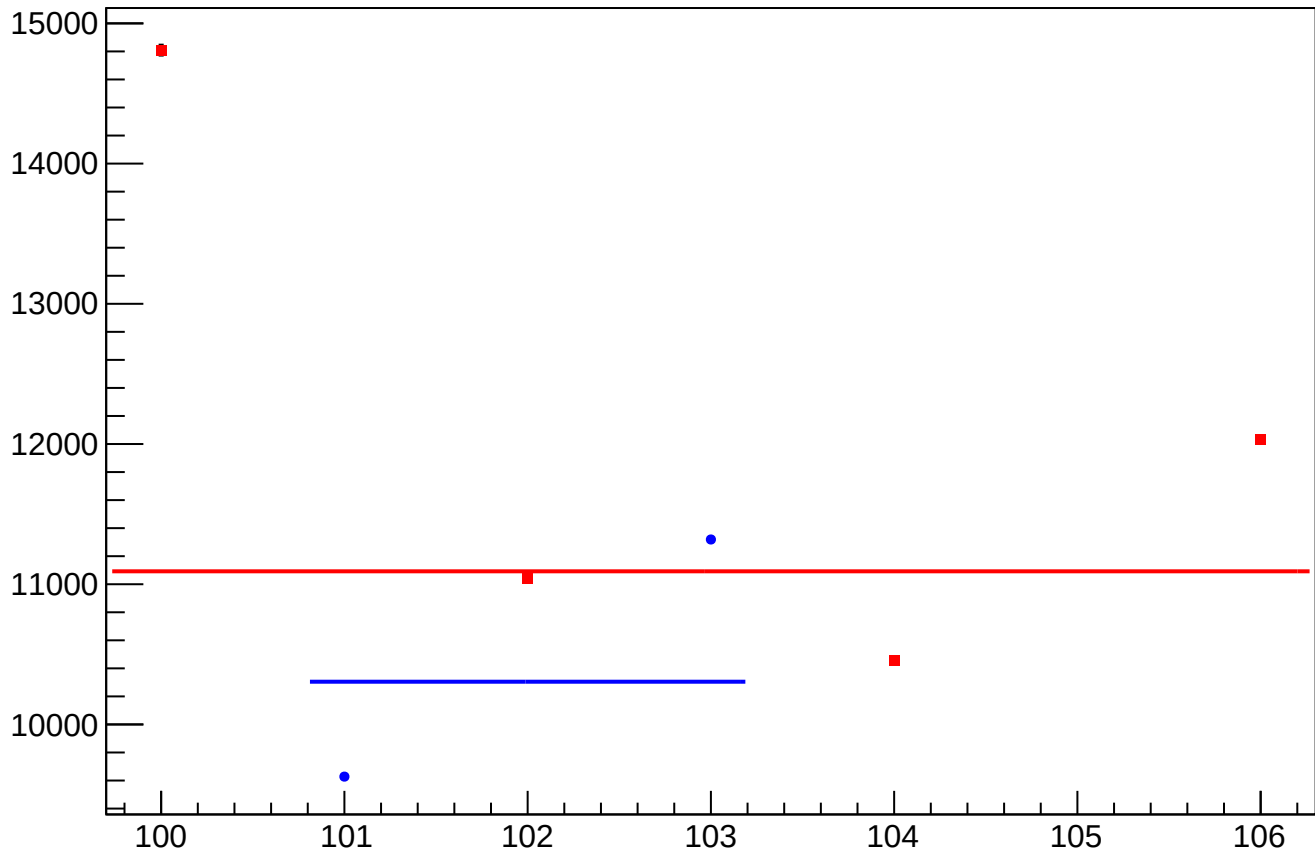
Right: 0.319+/-6.410 χ^2 /NDF: 10.7/5

In: 11.477+/-9.206 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.319+/-6.410 χ^2 /NDF: 10.7/5

diff_bpm4aediiffX_rms vs Slug, Sign Corrected



Right In: 10304.777+/-6.510 χ^2/NDF : 16202.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11092.144+/-6.315 χ^2/NDF : 16811.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

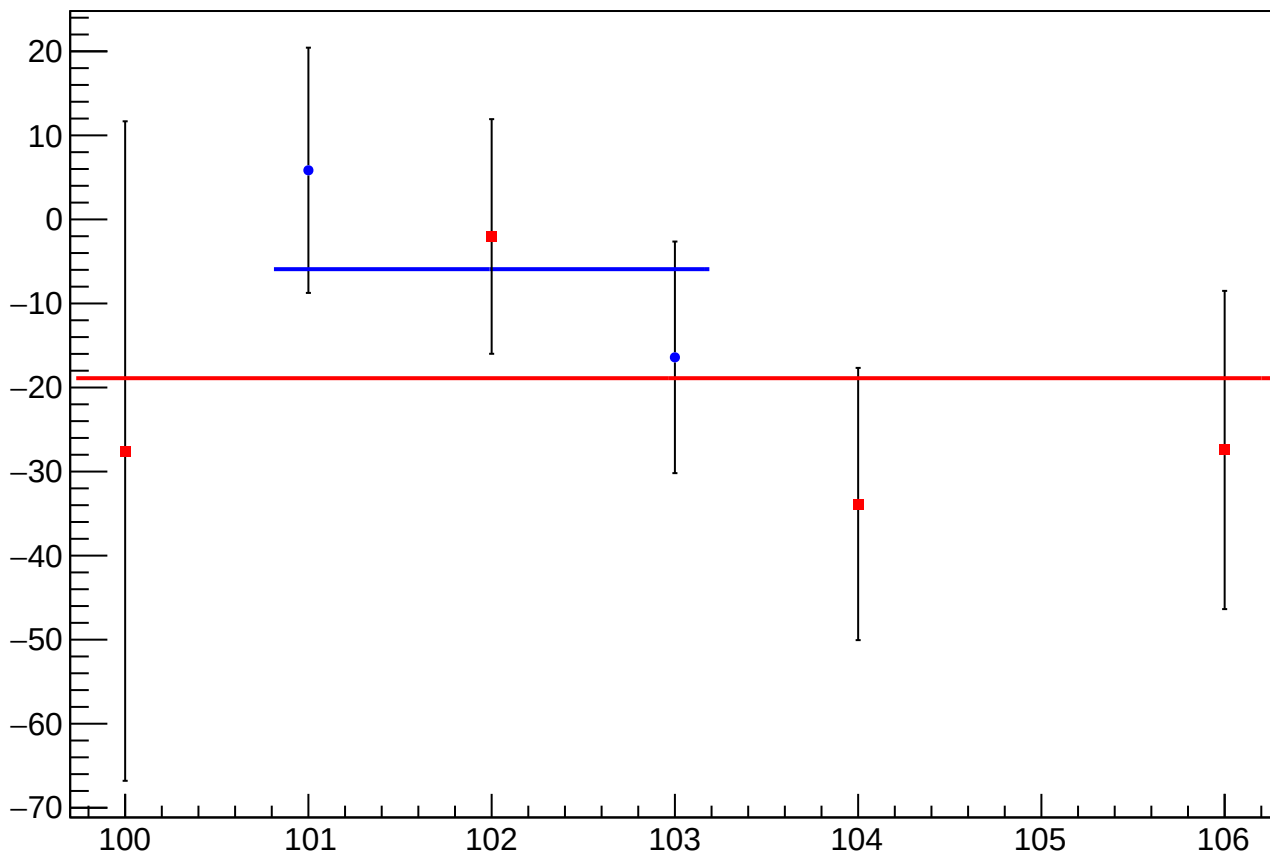
Right: 10710.422+/-4.532 χ^2/NDF : 40551.7/5

In: 10304.777+/-6.510 χ^2/NDF : 16202.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10710.422+/-4.532 χ^2/NDF : 40551.7/5

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -5.919+/-10.017 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.892+/-8.986 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

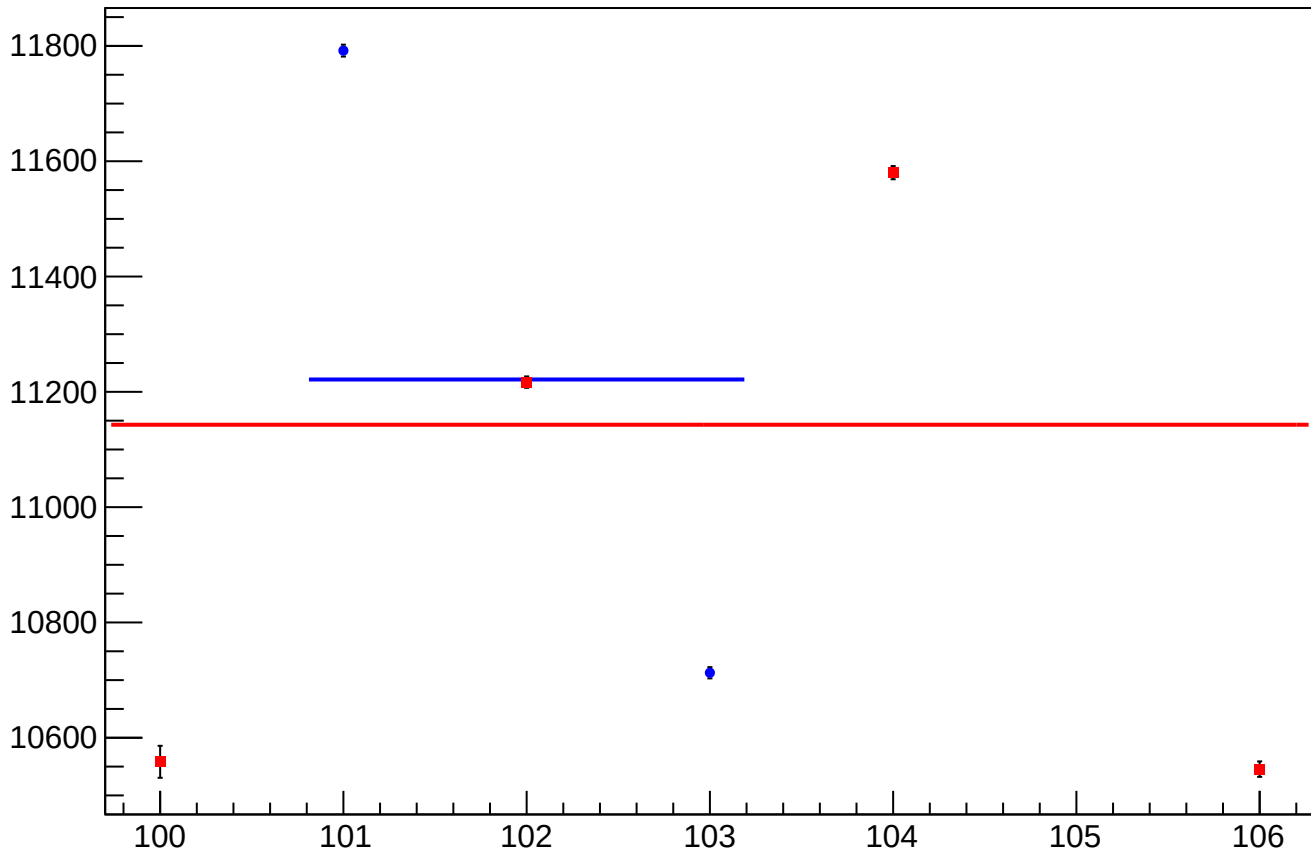
Right: -13.107+/-6.689 χ^2/NDF : 4.7/5

In: -5.919+/-10.017 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.107+/-6.689 χ^2/NDF : 4.7/5

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11221.430+/-7.083 χ^2/NDF : 5783.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11142.940+/-6.354 χ^2/NDF : 3949.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

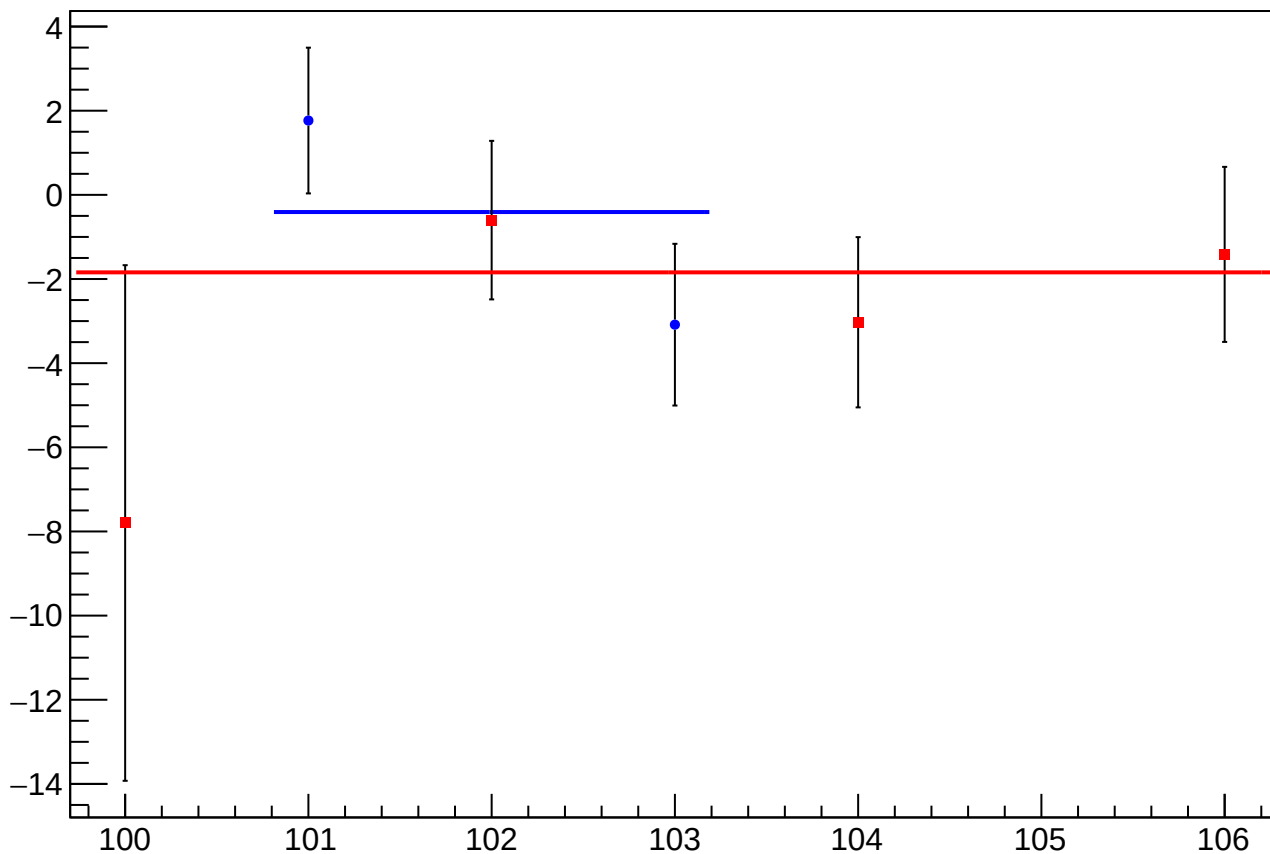
Right: 11177.938+/-4.730 χ^2/NDF : 9801.3/5

In: 11221.430+/-7.083 χ^2/NDF : 5783.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11177.938+/-4.730 χ^2/NDF : 9801.3/5

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.408+/-1.287 χ^2/NDF : 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.842+/-1.130 χ^2/NDF : 1.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

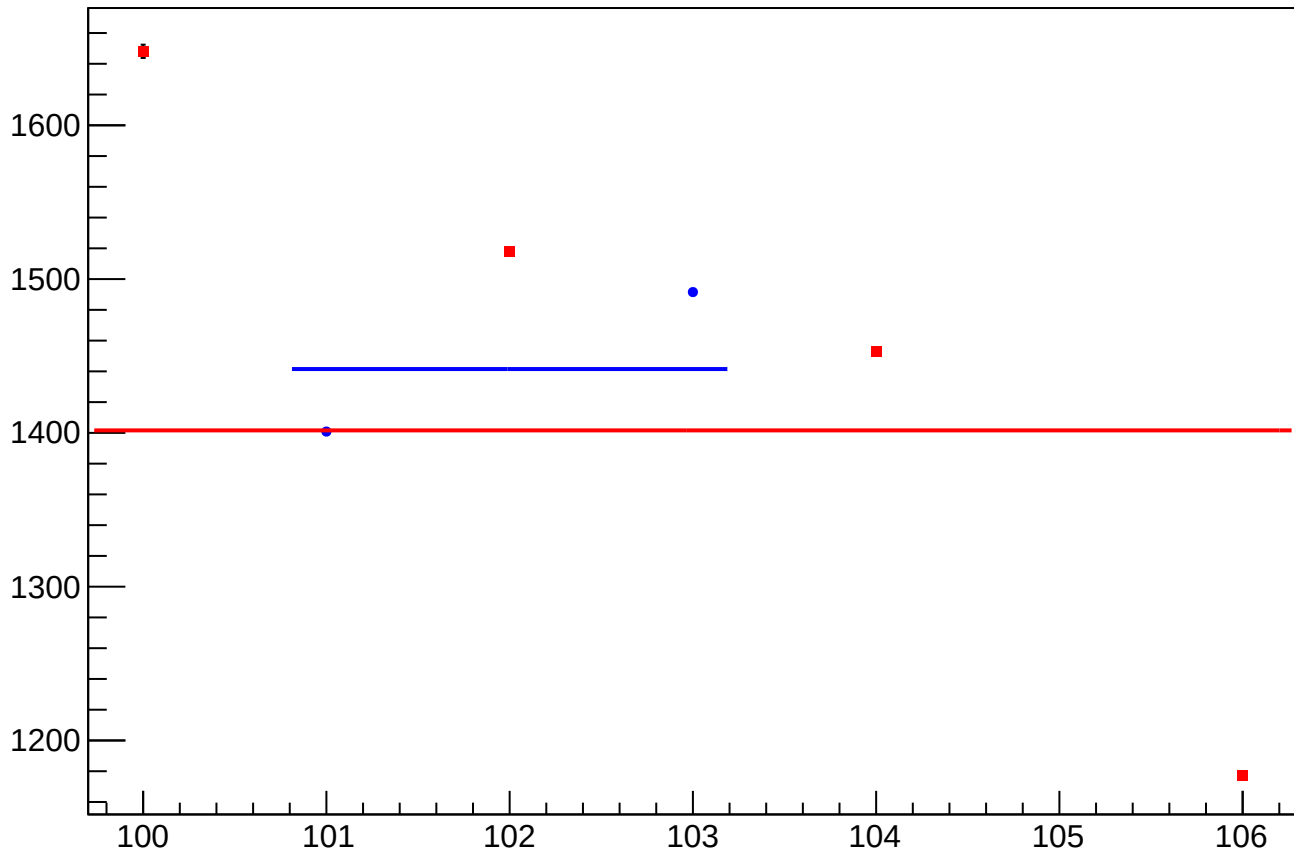
Right: -1.218+/-0.849 χ^2/NDF : 6.0/5

In: -0.408+/-1.287 χ^2/NDF :3.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.218+/-0.849 χ^2/NDF : 6.0/5

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1441.511+/-0.910 χ^2/NDF : 2458.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.617+/-0.799 χ^2/NDF : 35426.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

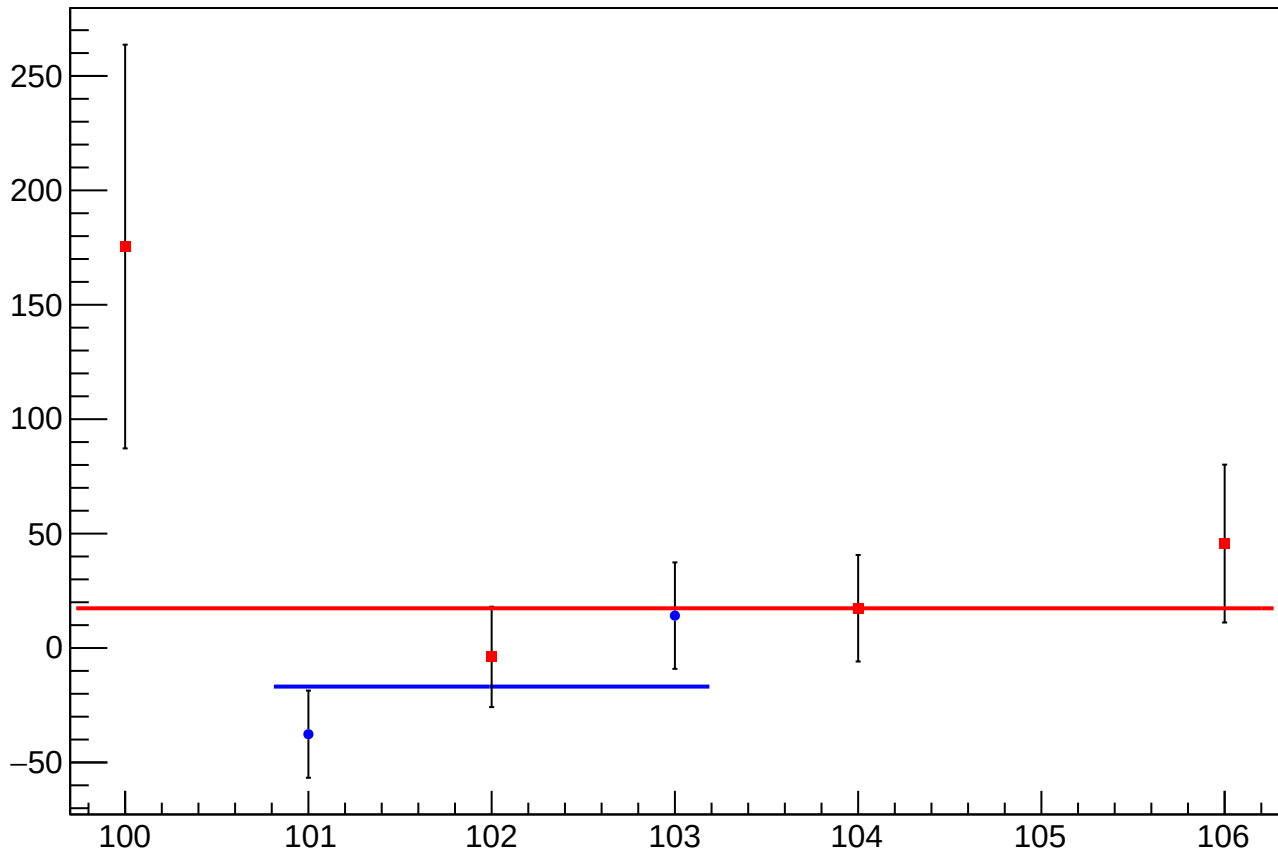
Right: 1418.983+/-0.600 χ^2/NDF : 38970.2/5

In: 1441.511+/-0.910 χ^2/NDF : 2458.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.983+/-0.600 χ^2/NDF : 38970.2/5

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -16.852 $\pm$ 14.739 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.357 $\pm$ 14.297 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

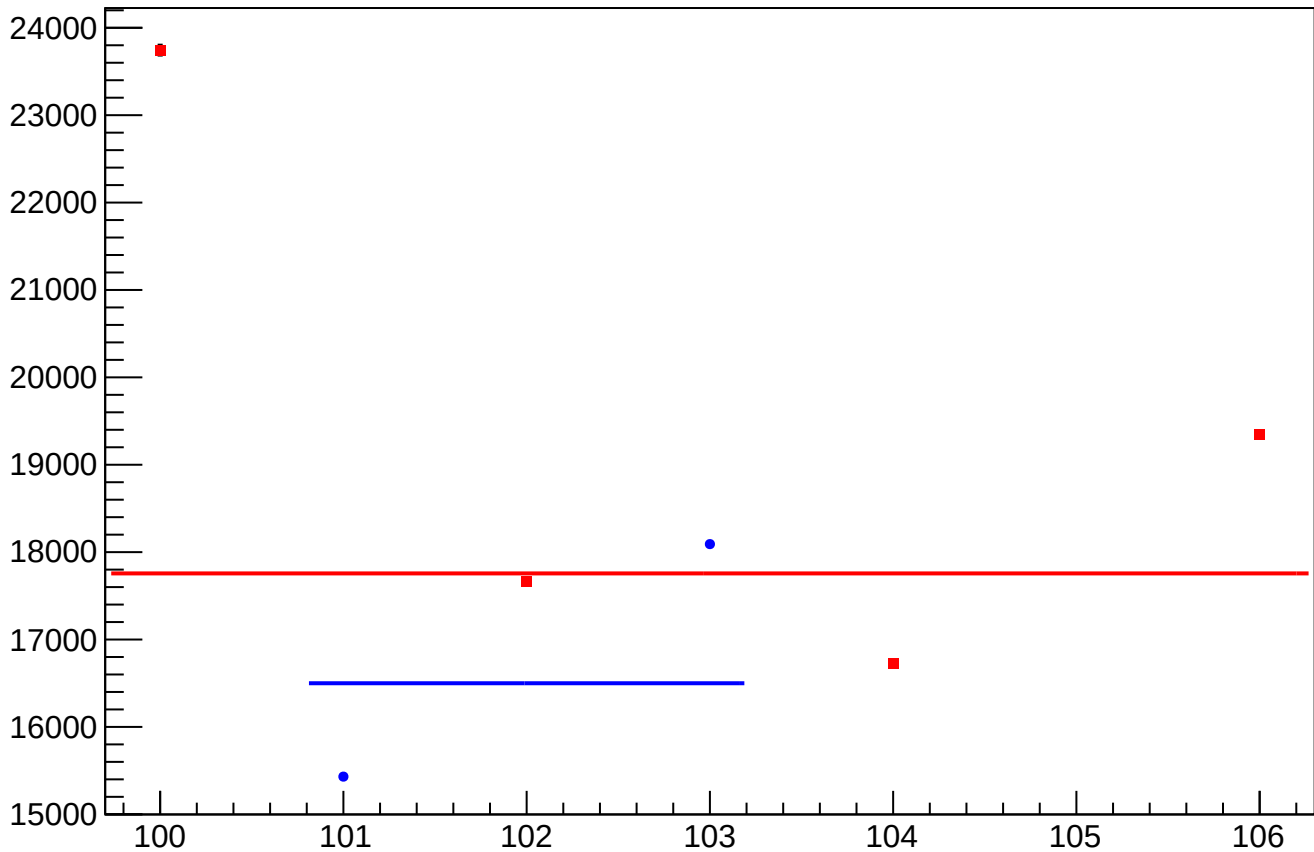
Right: 0.772 $\pm$ 10.262 χ^2 /NDF: 10.6/5

In: -16.852 $\pm$ 14.739 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.772 $\pm$ 10.262 χ^2 /NDF: 10.6/5

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 16499.751+/-10.422 χ^2/NDF : 15663.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17756.555+/-10.110 χ^2/NDF : 17406.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

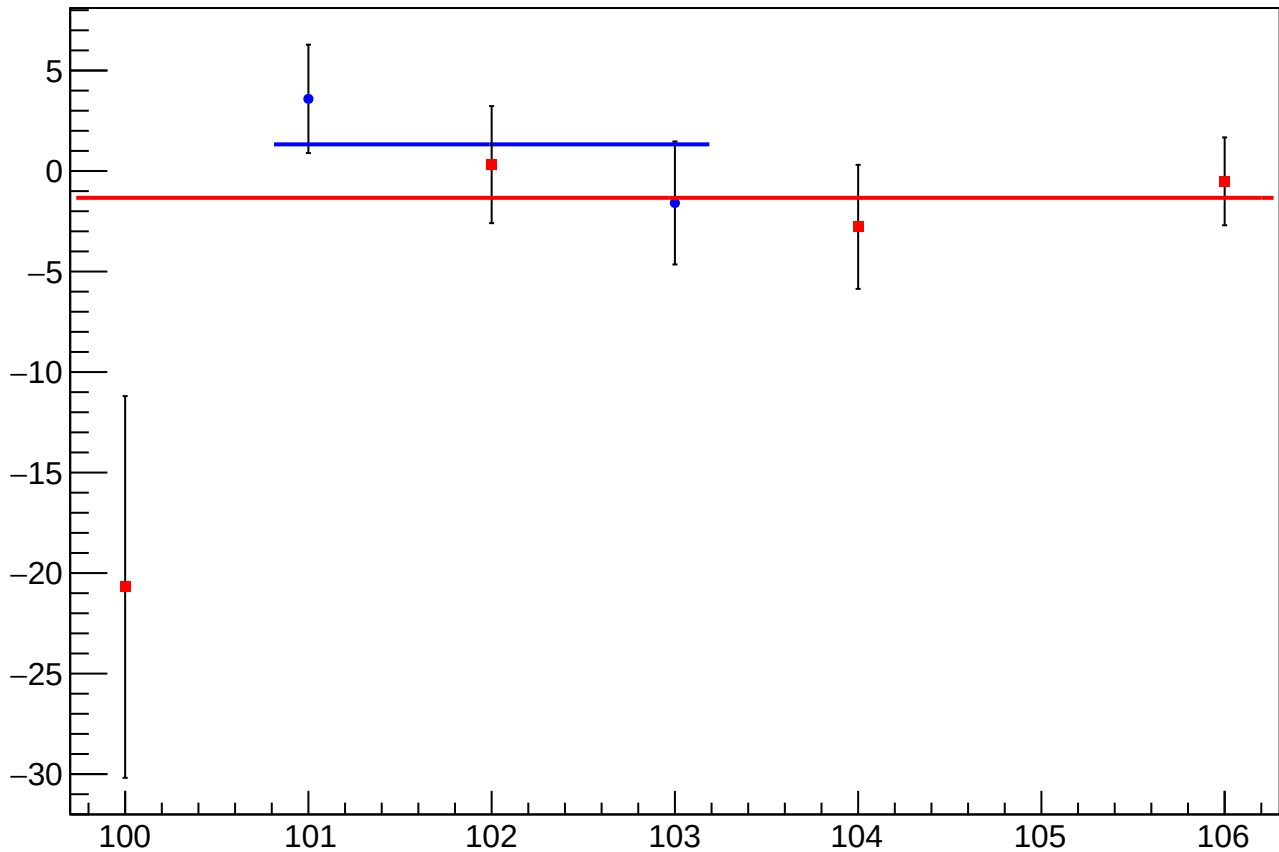
Right: 17147.243+/-7.256 χ^2/NDF : 40561.9/5

In: 16499.751+/-10.422 χ^2/NDF : 15663.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17147.243+/-7.256 χ^2/NDF : 40561.9/5

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.326 $\pm$ 2.023 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.333 $\pm$ 1.502 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

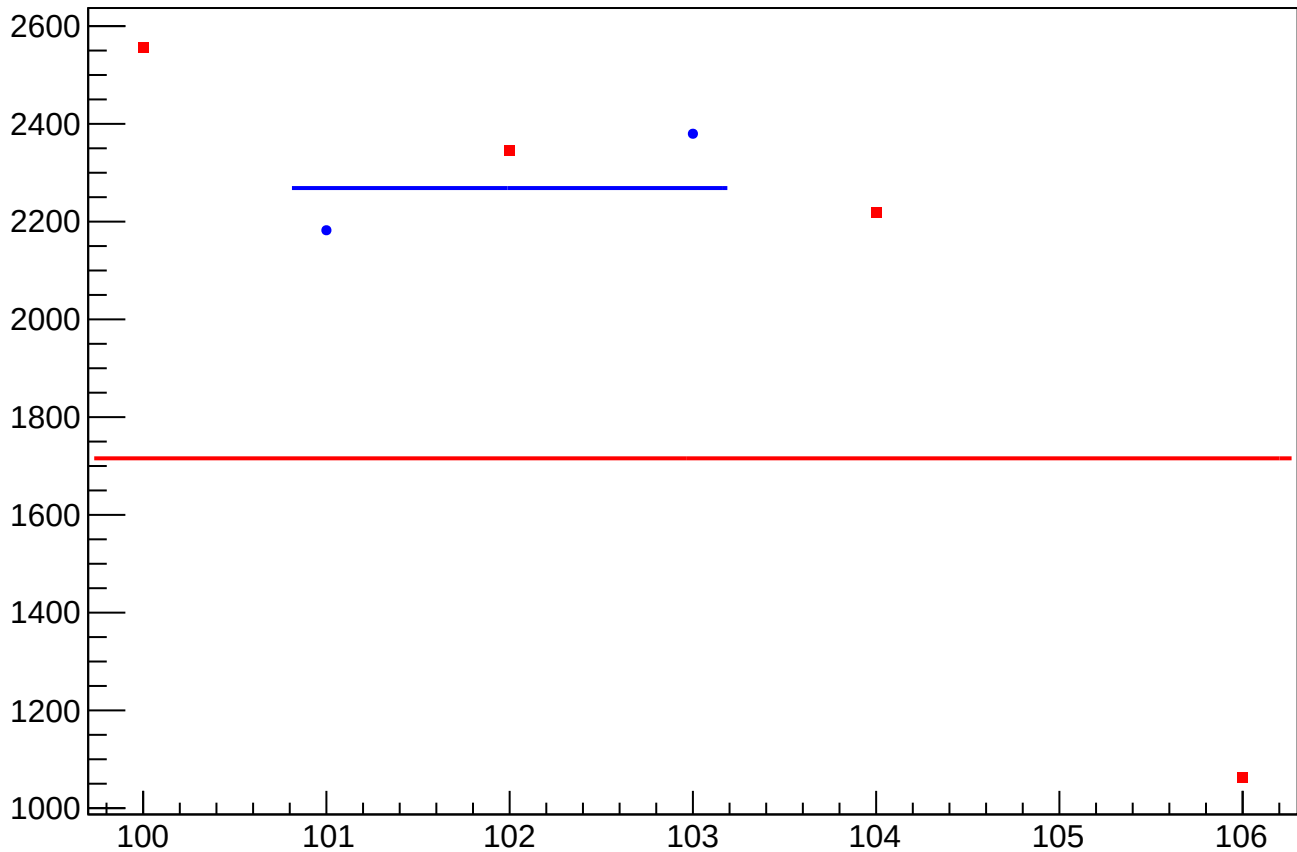
Right: -0.388 $\pm$ 1.206 χ^2 /NDF: 7.6/5

In: 1.326 $\pm$ 2.023 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.388 $\pm$ 1.206 χ^2 /NDF: 7.6/5

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 2268.666+/-1.430 χ^2/NDF : 4689.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.712+/-1.062 χ^2/NDF : 340540.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

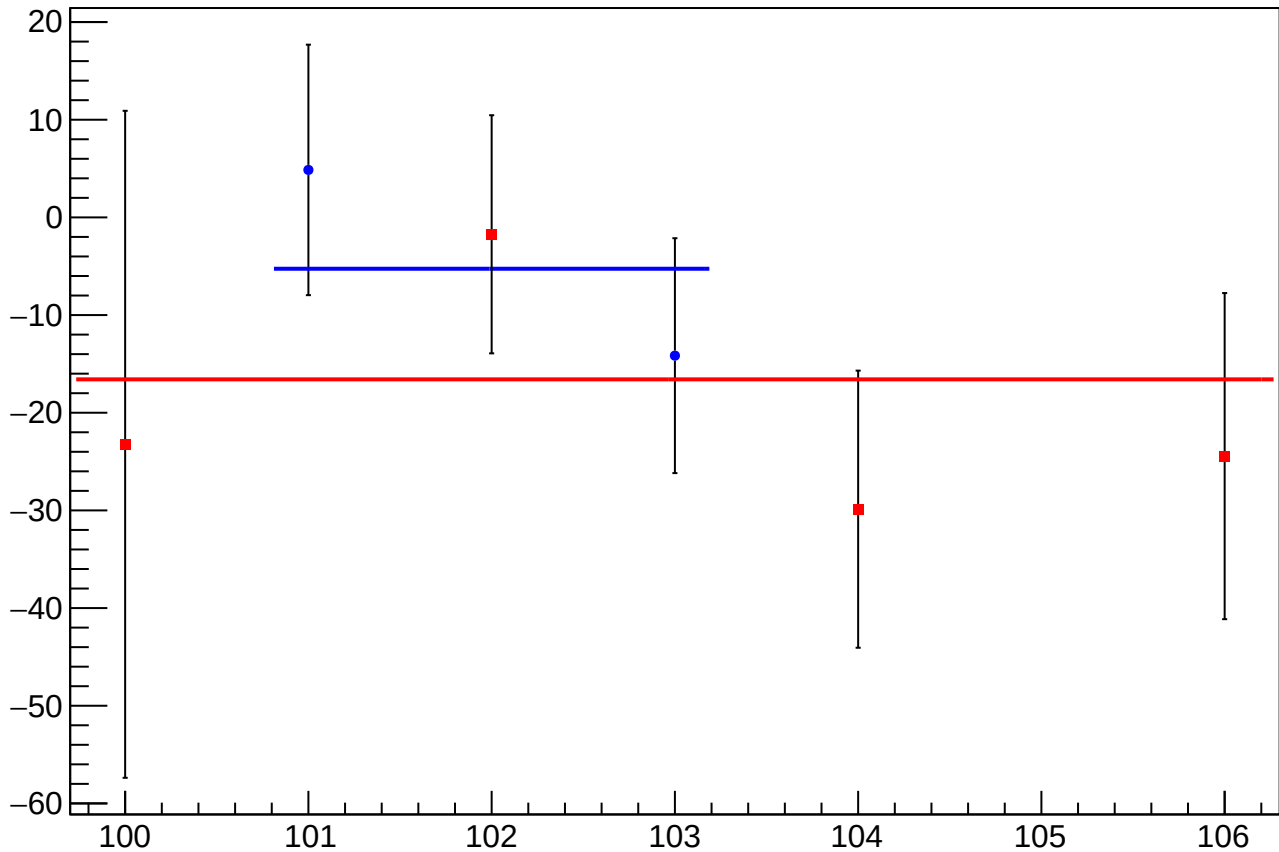
Right: 1912.220+/-0.853 χ^2/NDF : 441598.0/5

In: 2268.666+/-1.430 χ^2/NDF : 4689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1912.220+/-0.853 χ^2/NDF : 441598.0/5

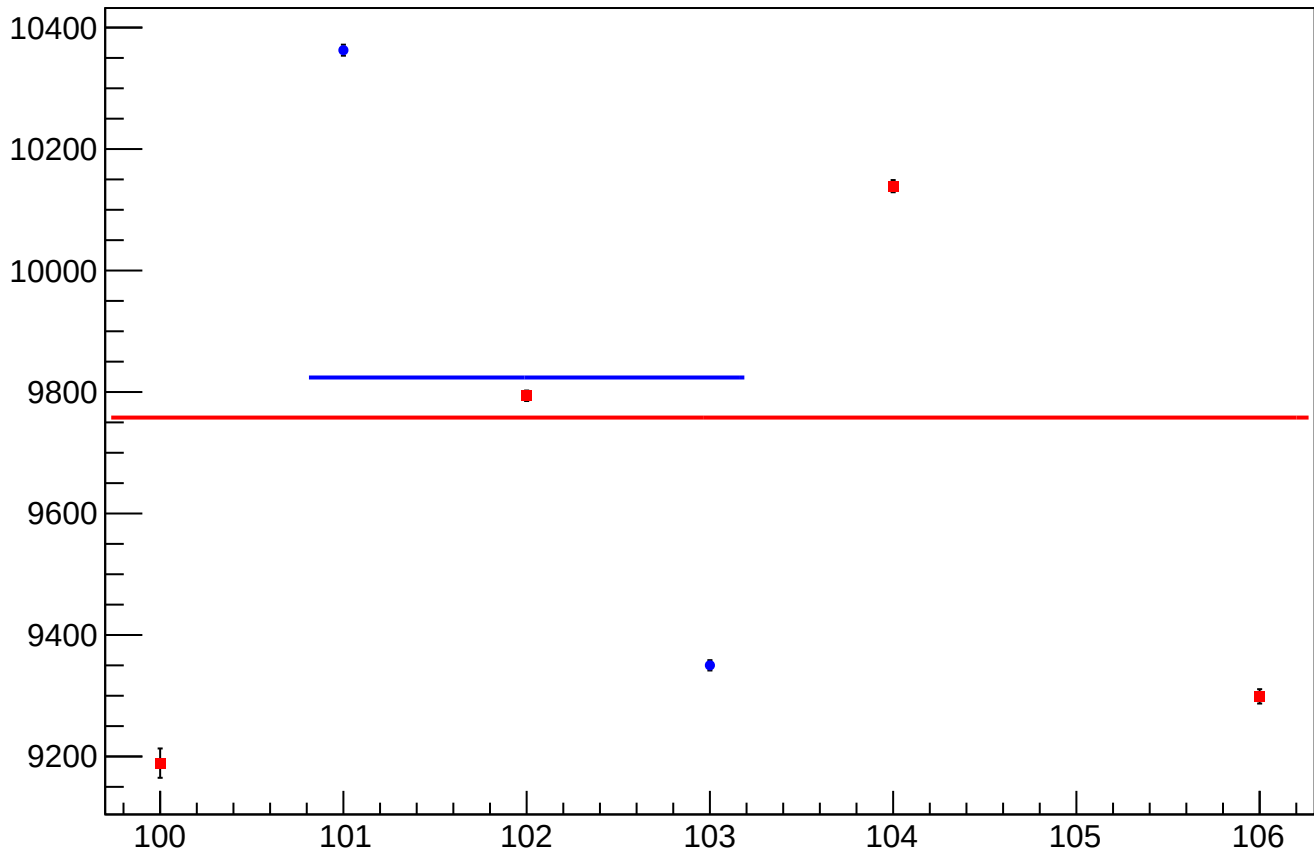
diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -5.258+/-8.771 χ^2/NDF : 1.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -16.583+/-7.870 χ^2/NDF : 2.6/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -11.532+/-5.858 χ^2/NDF : 4.7/5
 In: -5.258+/-8.771 χ^2/NDF : 1.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -11.532+/-5.858 χ^2/NDF : 4.7/5

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 9823.907 $\pm$ 6.202 χ^2 /NDF: 6637.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9757.941 $\pm$ 5.565 χ^2 /NDF: 3526.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

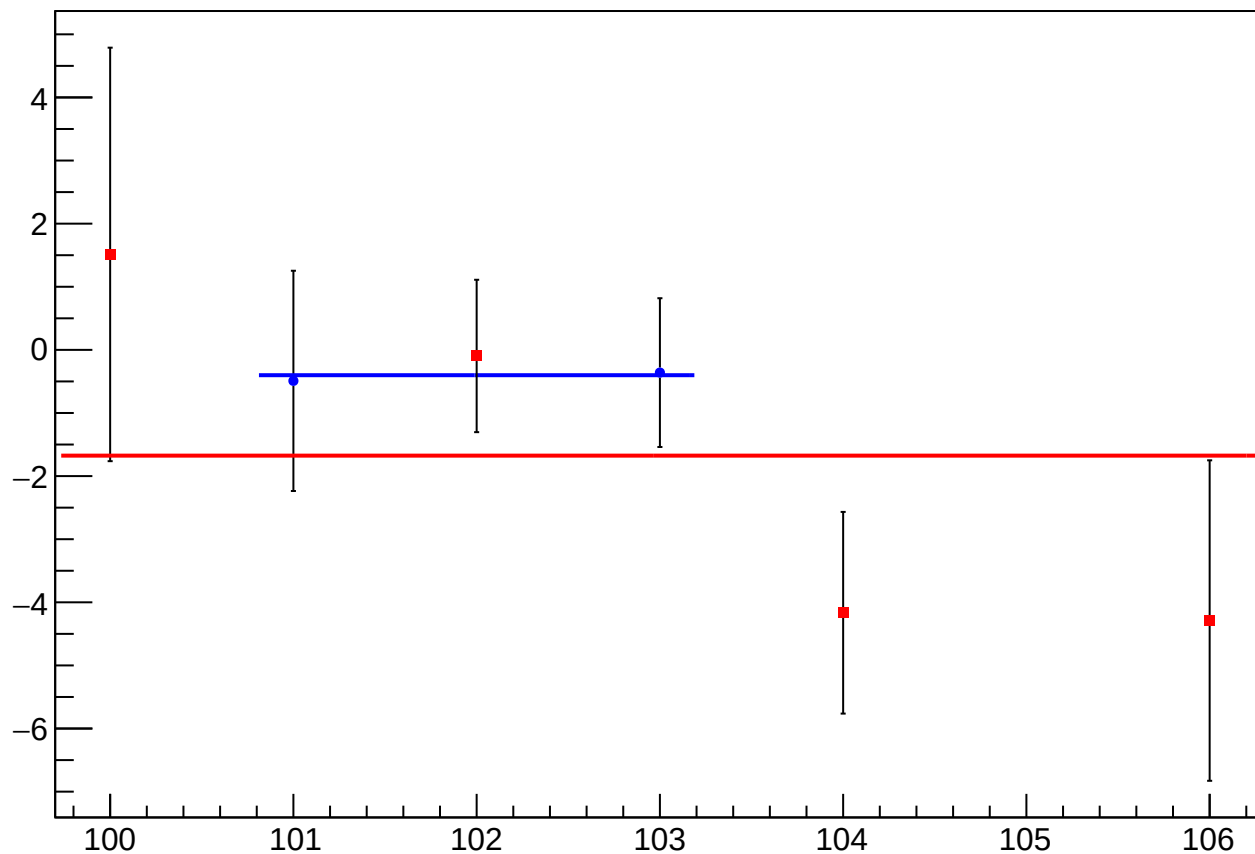
Right: 9787.364 $\pm$ 4.142 χ^2 /NDF: 10226.5/5

In: 9823.907 $\pm$ 6.202 χ^2 /NDF:6637.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9787.364 $\pm$ 4.142 χ^2 /NDF: 10226.5/5

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.401 ± 0.977 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.676 ± 0.868 $\chi^2/\text{NDF}: 6.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

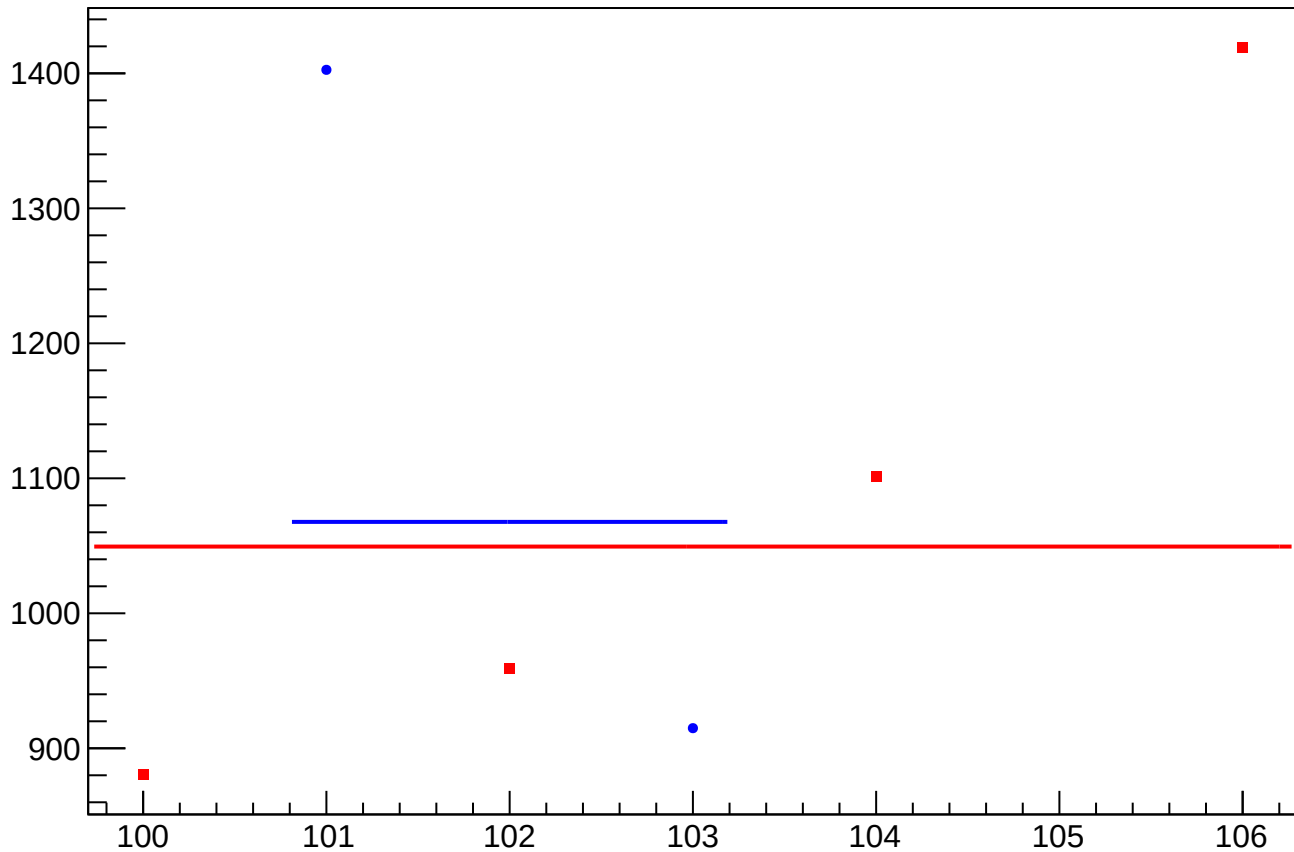
Right: -1.113 ± 0.649 $\chi^2/\text{NDF}: 7.1/5$

In: -0.401 ± 0.977 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.113 ± 0.649 $\chi^2/\text{NDF}: 7.1/5$

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1067.720+/-0.691 χ^2/NDF : 107278.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1049.436+/-0.614 χ^2/NDF : 61185.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

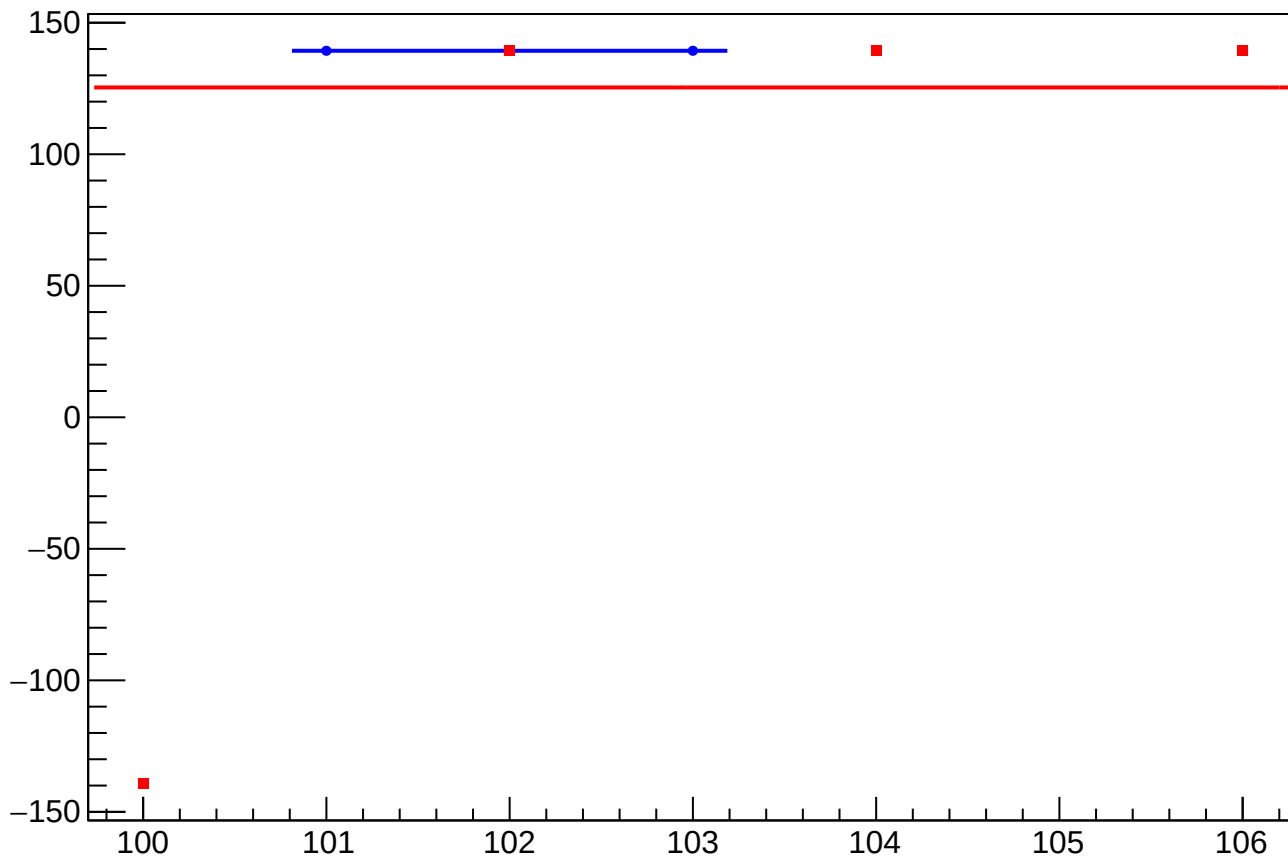
Right: 1057.508+/-0.459 χ^2/NDF : 168855.9/5

In: 1067.720+/-0.691 χ^2/NDF : 107278.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1057.508+/-0.459 χ^2/NDF : 168855.9/5

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 521085.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.393 $\pm$ 0.000 χ^2 /NDF: 774129049780302.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

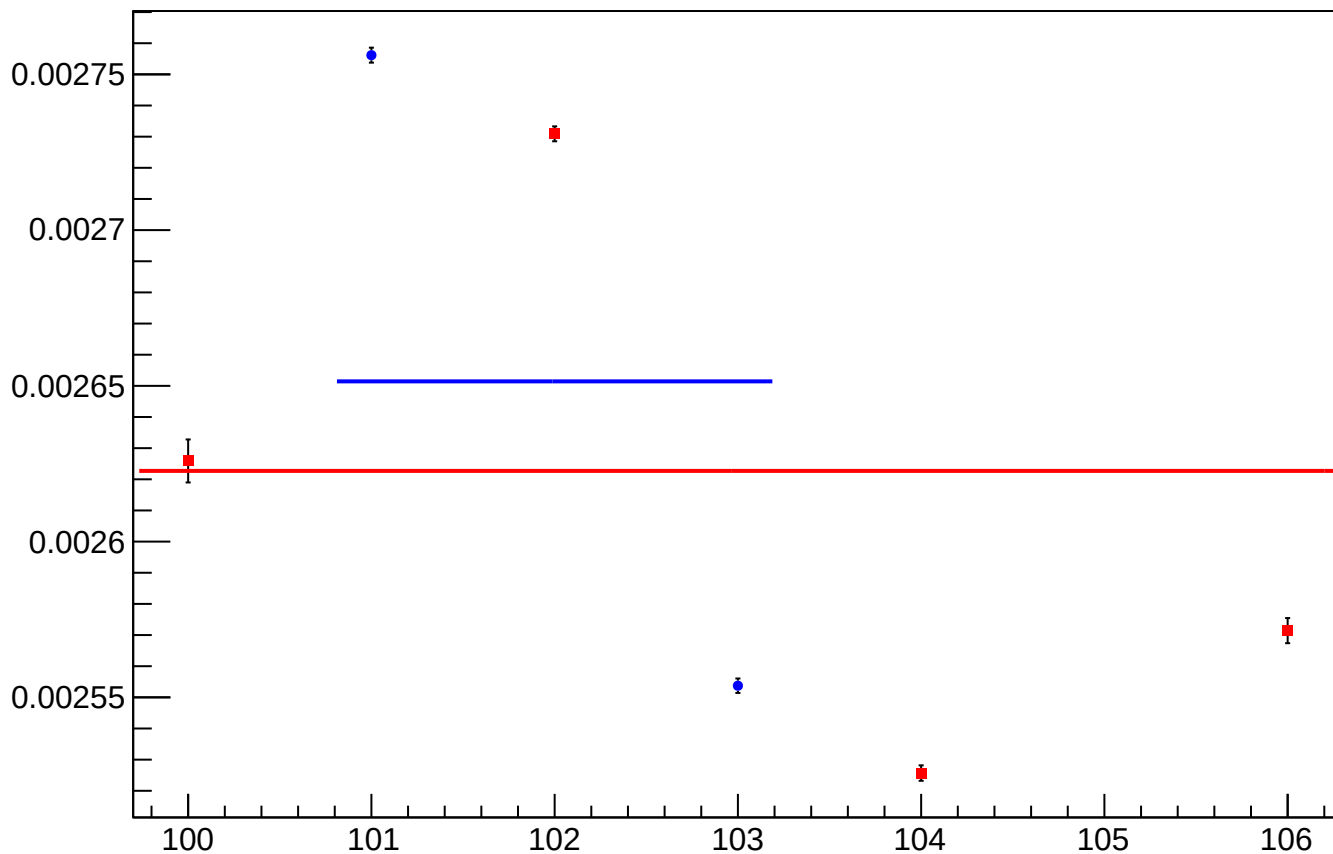
Right: 131.819 $\pm$ 0.000 χ^2 /NDF: 792914292030252

In: 139.338 $\pm$ 0.000 χ^2 /NDF:521085.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792914292030

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3666.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3732.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

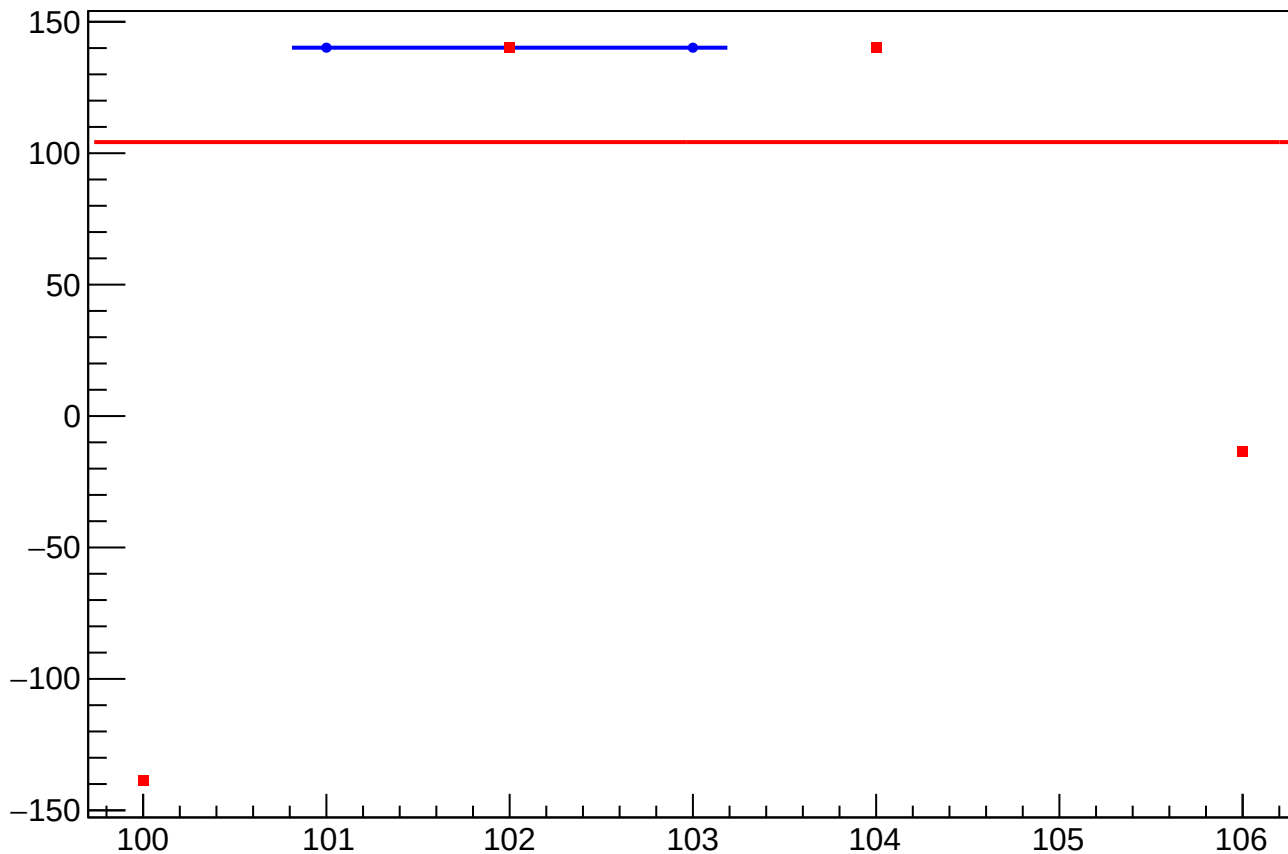
Right: 0.003+/-0.000 χ^2/NDF : 7558.3/5

In: 0.003+/-0.000 χ^2/NDF :3666.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7558.3/5

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149+/-0.000 χ^2/NDF : 5010051.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.228+/-0.000 χ^2/NDF : 1257293622762904.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

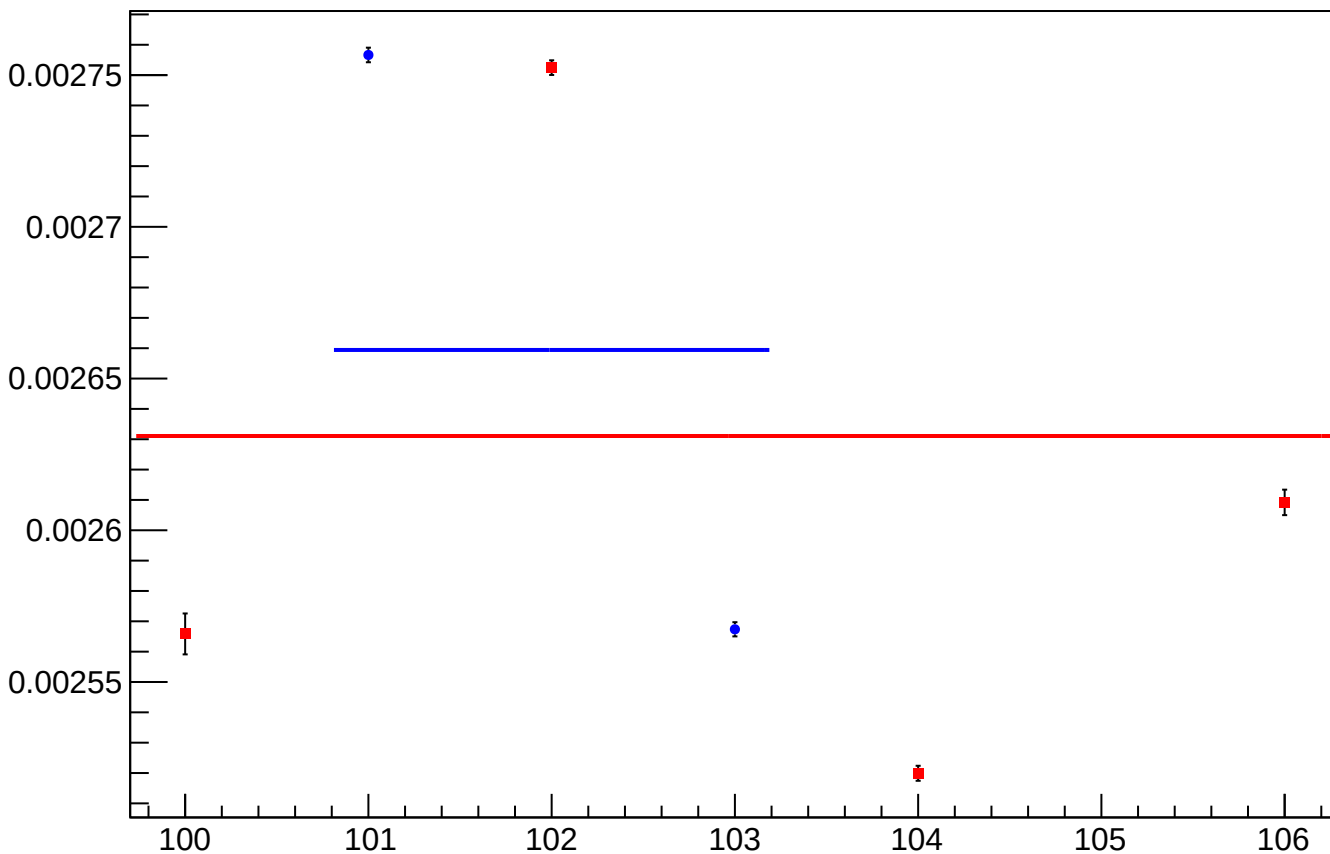
Right: 120.836+/-0.000 χ^2/NDF : 138061056874208

In: 140.149+/-0.000 χ^2/NDF : 5010051.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.836+/-0.000 χ^2/NDF : 138061056874

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3181.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4663.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

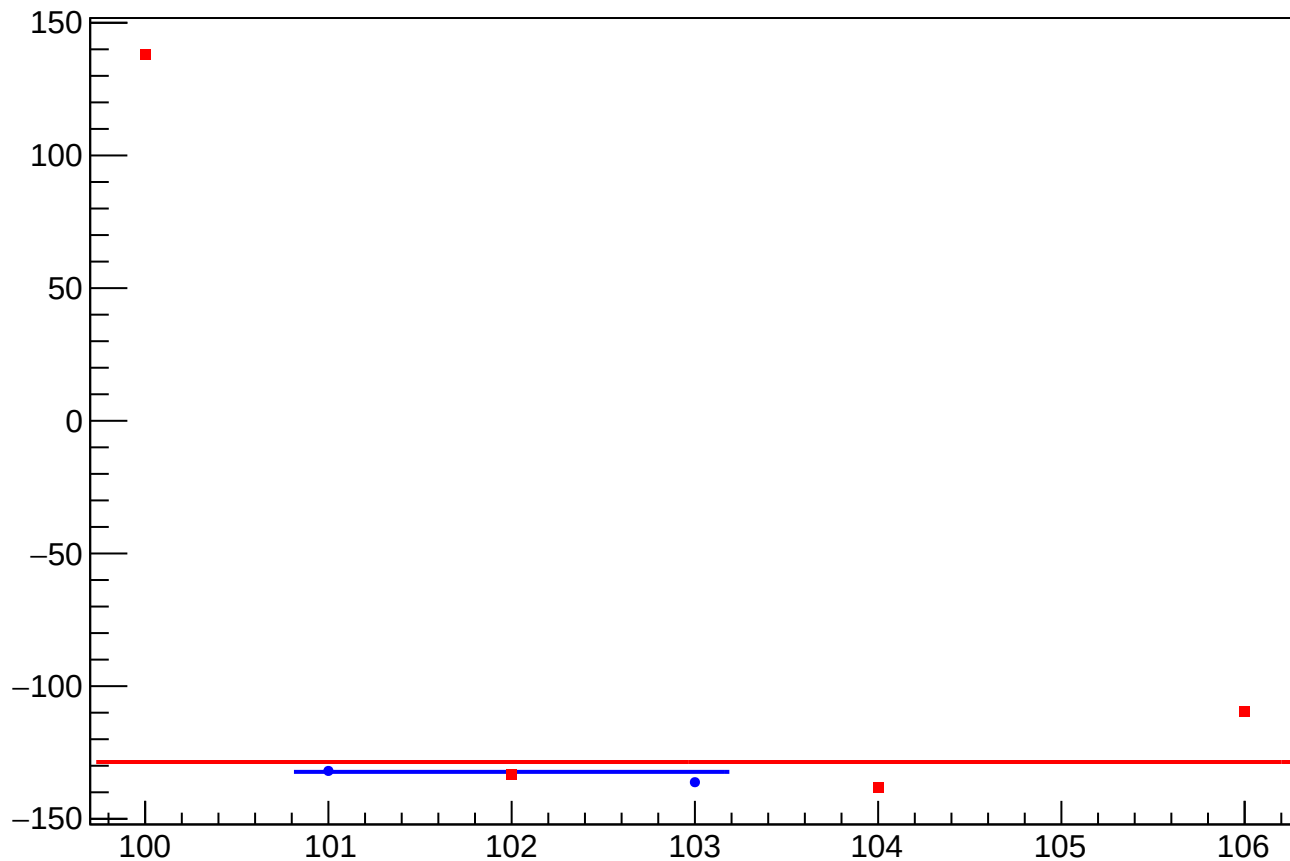
Right: 0.003+/-0.000 χ^2/NDF : 7999.1/5

In: 0.003+/-0.000 χ^2/NDF : 3181.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7999.1/5

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -132.302+/-0.002 χ^2/NDF : 598777.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.584+/-0.002 χ^2/NDF : 187413451.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

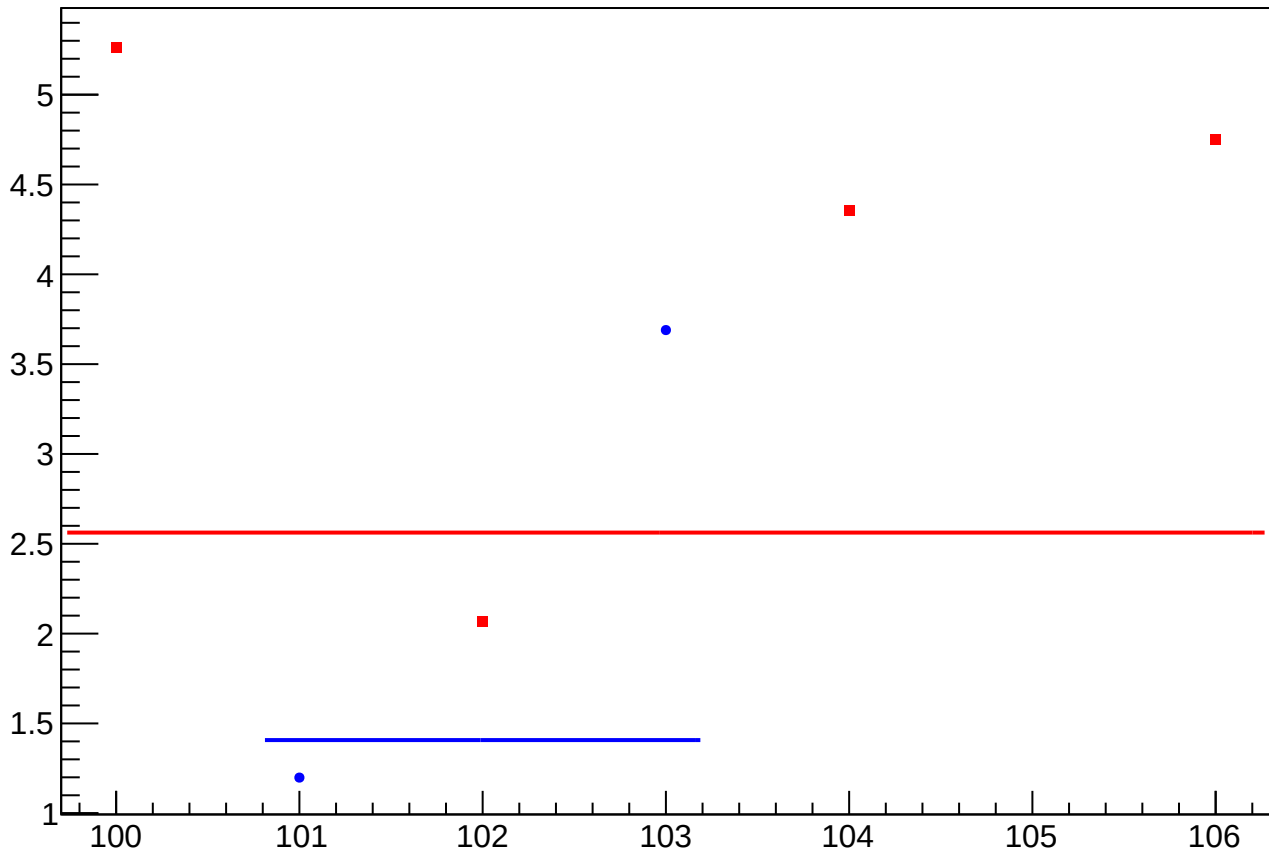
Right: -131.235+/-0.001 χ^2/NDF : 189723888.7/5

In: -132.302+/-0.002 χ^2/NDF : 598777.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.235+/-0.001 χ^2/NDF : 189723888.7/5

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 1.407 $\pm$ 0.001 χ^2 /NDF: 411169.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.562 $\pm$ 0.002 χ^2 /NDF: 344816.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

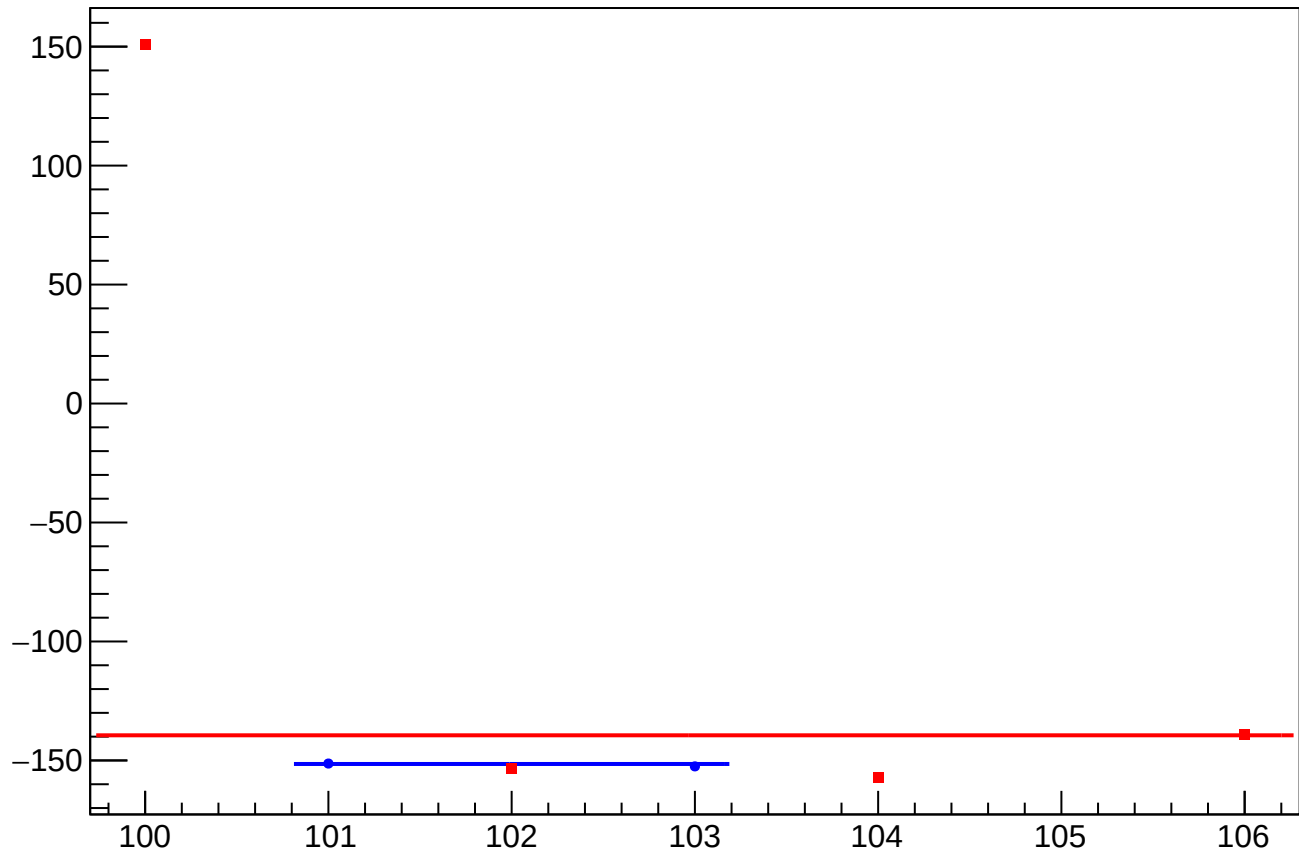
Right: 1.739 $\pm$ 0.001 χ^2 /NDF: 1086366.0/5

In: 1.407 $\pm$ 0.001 χ^2 /NDF:411169.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.739 $\pm$ 0.001 χ^2 /NDF: 1086366.0/5

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -151.484 $\pm$ 0.003 χ^2 /NDF: 20581.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -139.432 $\pm$ 0.004 χ^2 /NDF: 211292419.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

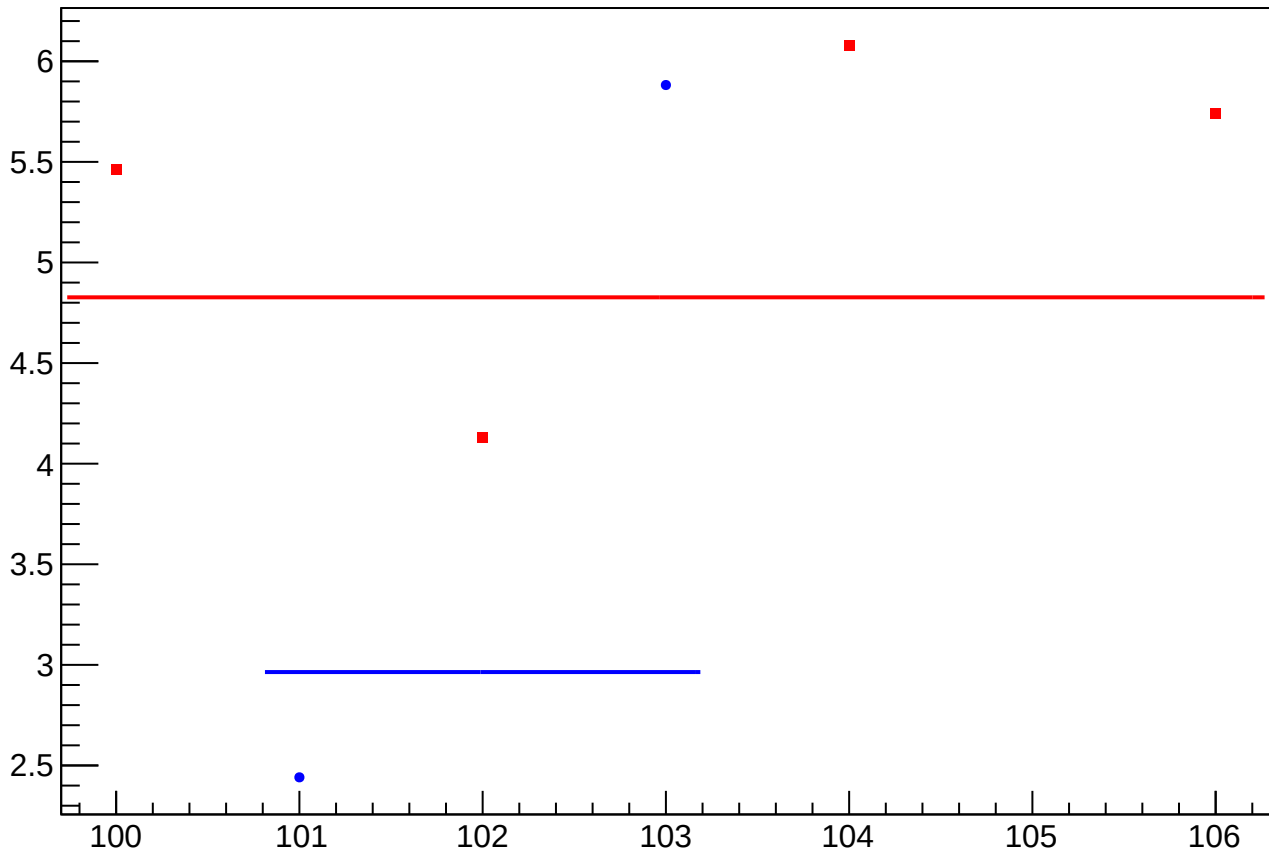
Right: -147.520 $\pm$ 0.002 χ^2 /NDF: 216677388.4/5

In: -151.484 $\pm$ 0.003 χ^2 /NDF: 20581.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -147.520 $\pm$ 0.002 χ^2 /NDF: 216677388.4/5

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 2.964+/-0.002 χ^2/NDF : 342888.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.827+/-0.003 χ^2/NDF : 84922.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

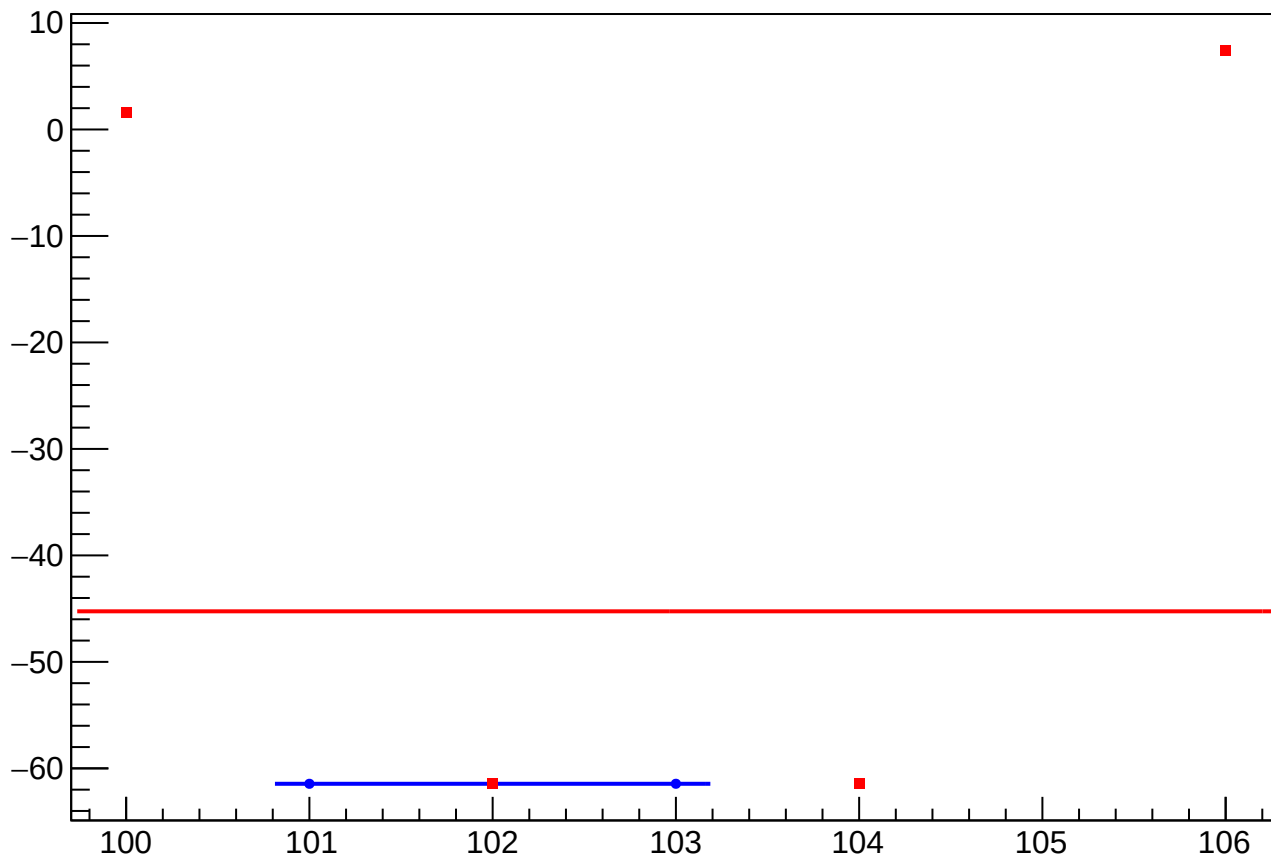
Right: 3.577+/-0.002 χ^2/NDF : 684080.9/5

In: 2.964+/-0.002 χ^2/NDF : 342888.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.577+/-0.002 χ^2/NDF : 684080.9/5

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.449+/-0.000 χ^2/NDF : 74740.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.252+/-0.000 χ^2/NDF : 357757878001892.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

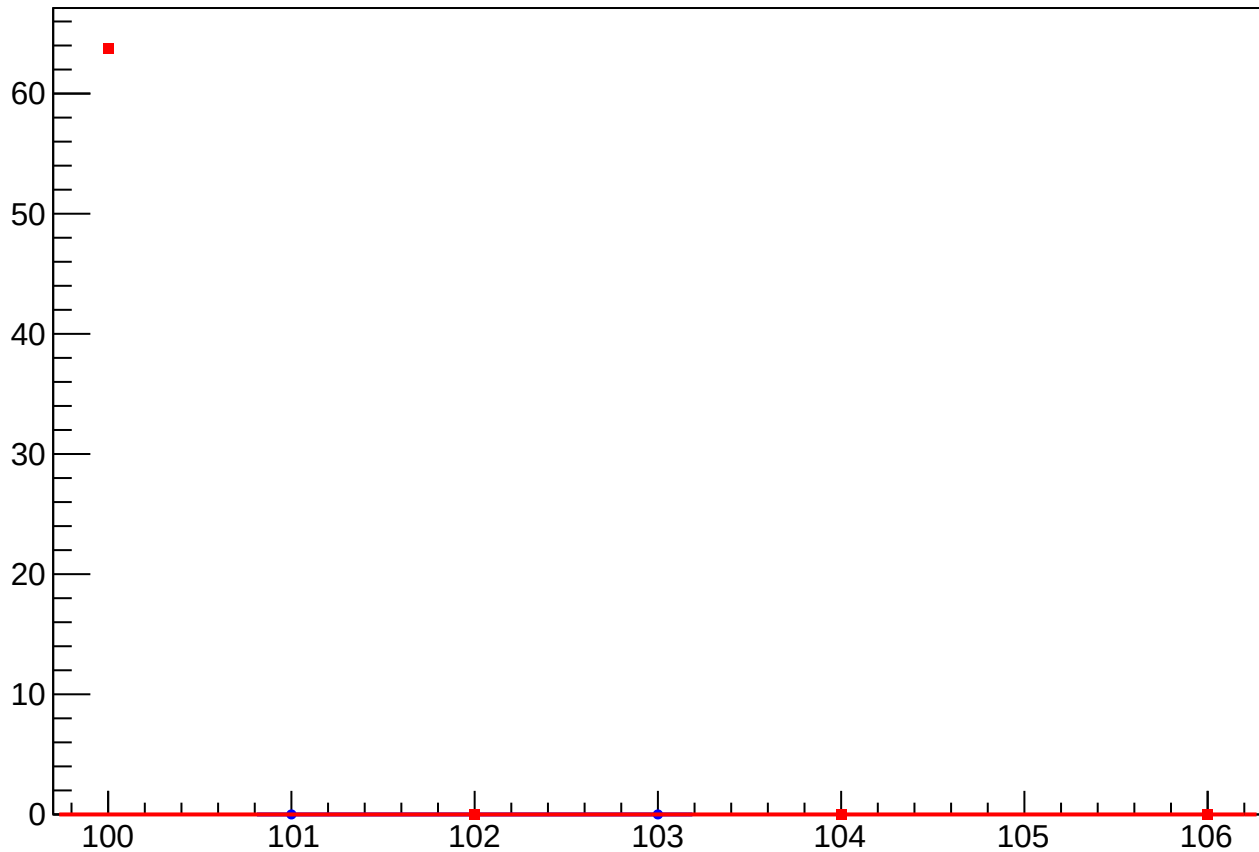
Right: -52.758+/-0.000 χ^2/NDF : 408762373271457

In: -61.449+/-0.000 χ^2/NDF : 74740.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -52.758+/-0.000 χ^2/NDF : 408762373271

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 167.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 143421.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

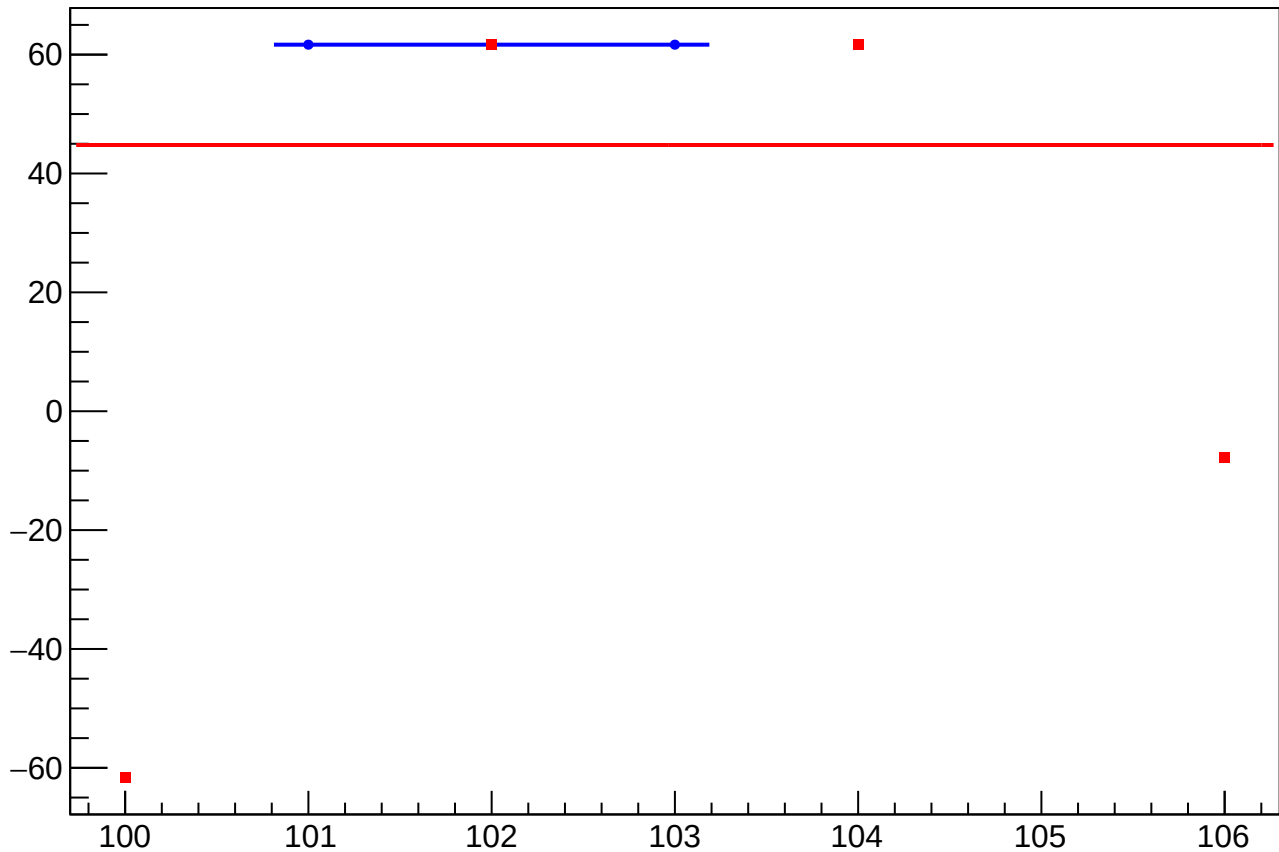
Right: 0.001+/-0.000 χ^2/NDF : 143592.7/5

In: 0.001+/-0.000 χ^2/NDF : 167.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 143592.7/5

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.673+/-0.000 χ^2/NDF : 119116.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.793+/-0.000 χ^2/NDF : 365869295939546.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

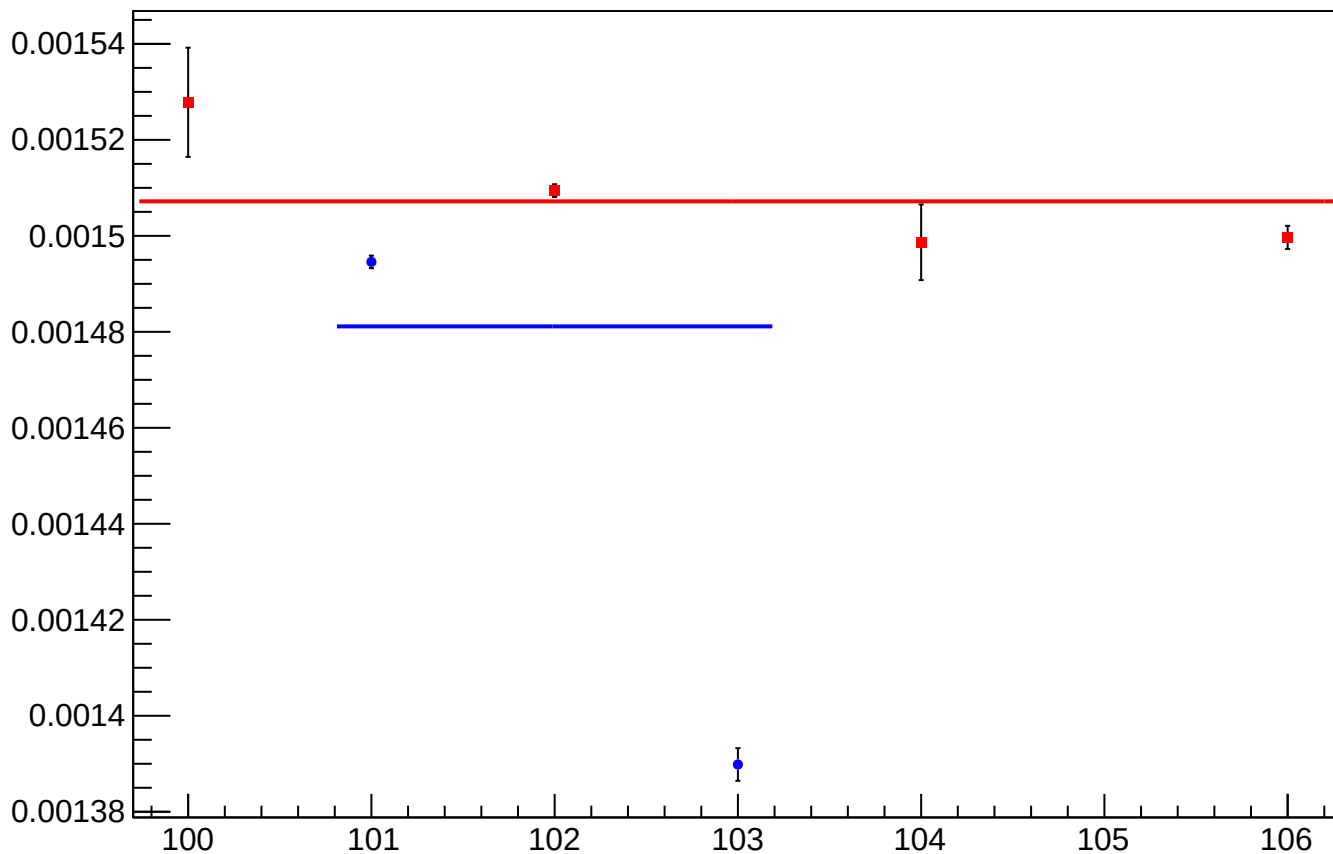
Right: 52.698+/-0.000 χ^2/NDF : 416990474426444.0

In: 61.673+/-0.000 χ^2/NDF : 119116.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.698+/-0.000 χ^2/NDF : 416990474426444.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 827.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 17.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

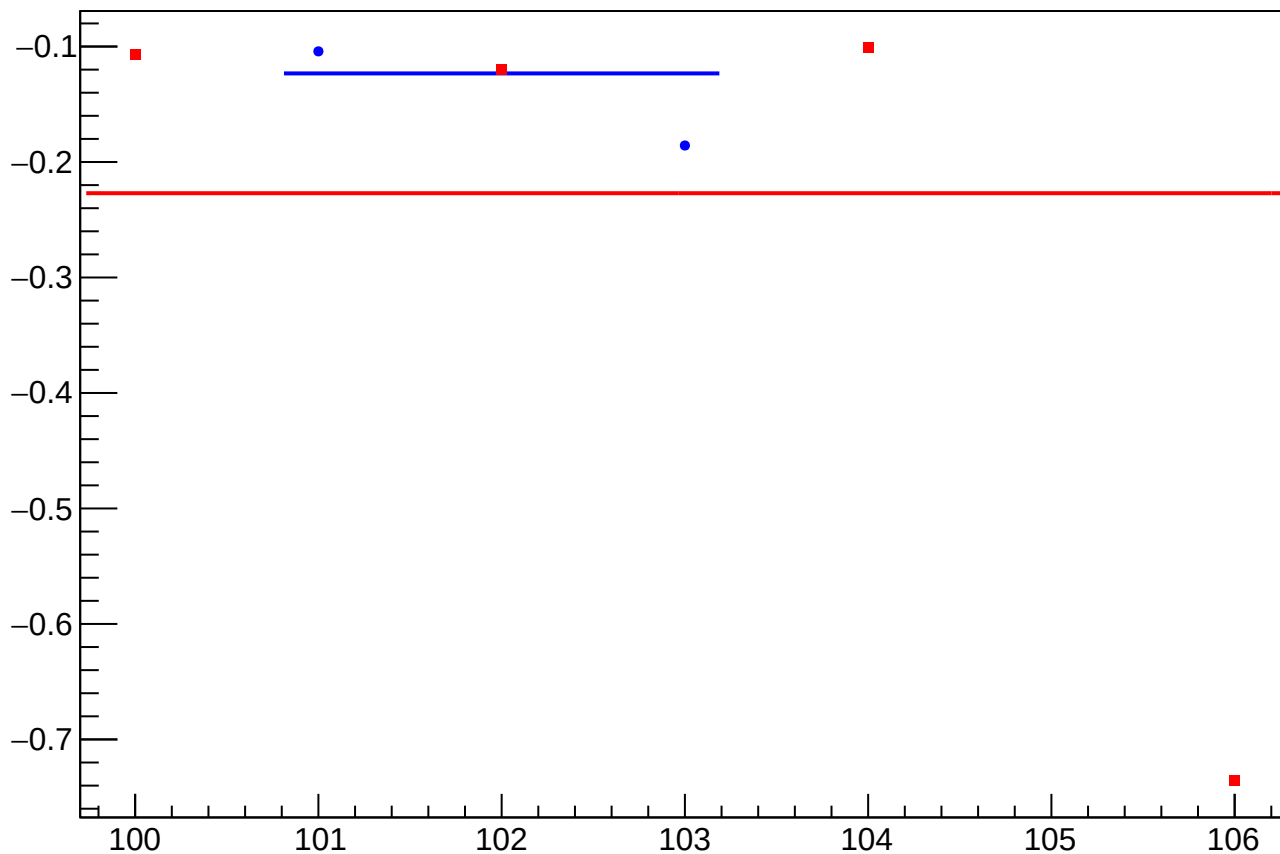
Right: 0.001+/-0.000 χ^2/NDF : 1088.5/5

In: 0.001+/-0.000 χ^2/NDF : 827.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1088.5/5

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.123+/-0.000 χ^2/NDF : 683525.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.227+/-0.000 χ^2/NDF : 33218013.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

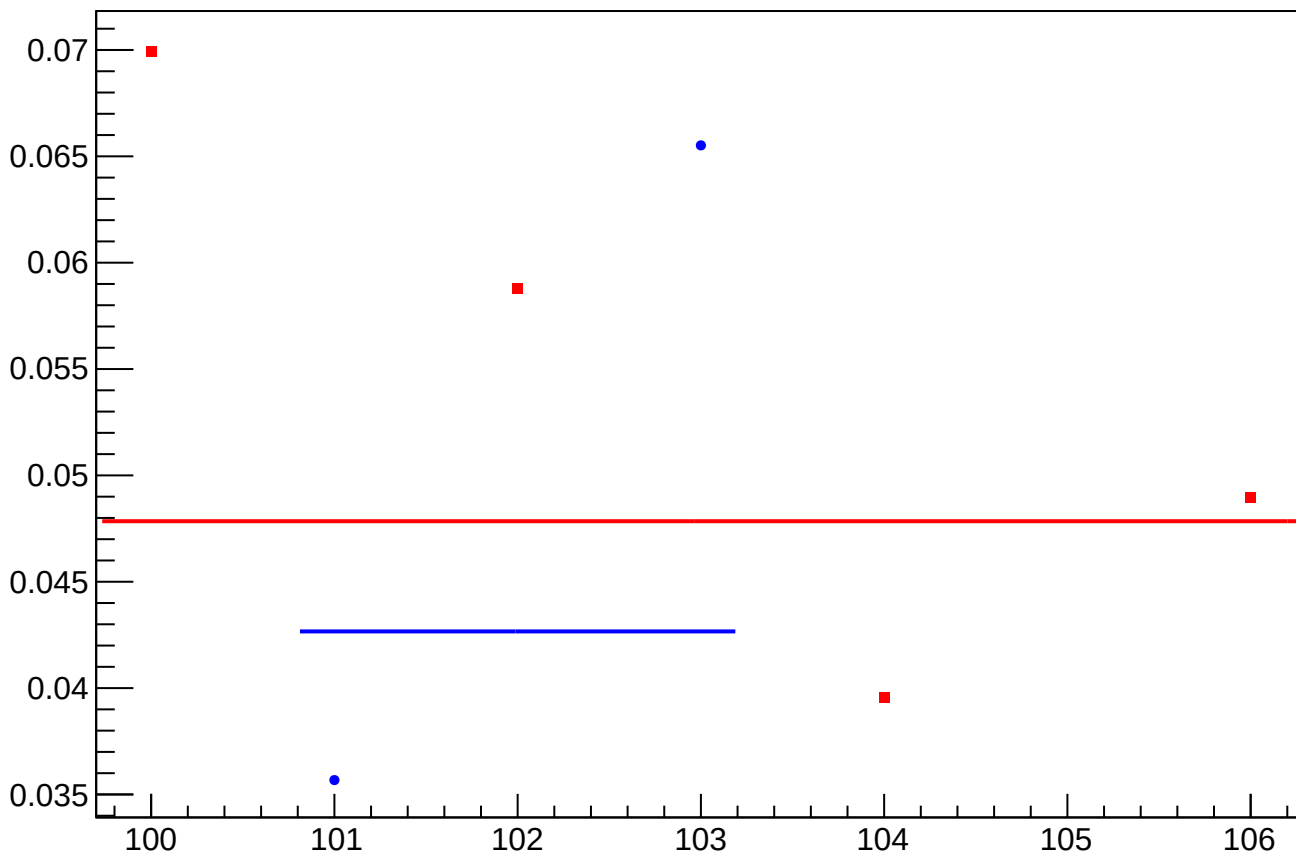
Right: -0.174+/-0.000 χ^2/NDF : 36918533.8/5

In: -0.123+/-0.000 χ^2/NDF :683525.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.174+/-0.000 χ^2/NDF : 36918533.8/5

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.043+/-0.000 χ^2/NDF : 183178.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.048+/-0.000 χ^2/NDF : 90504.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

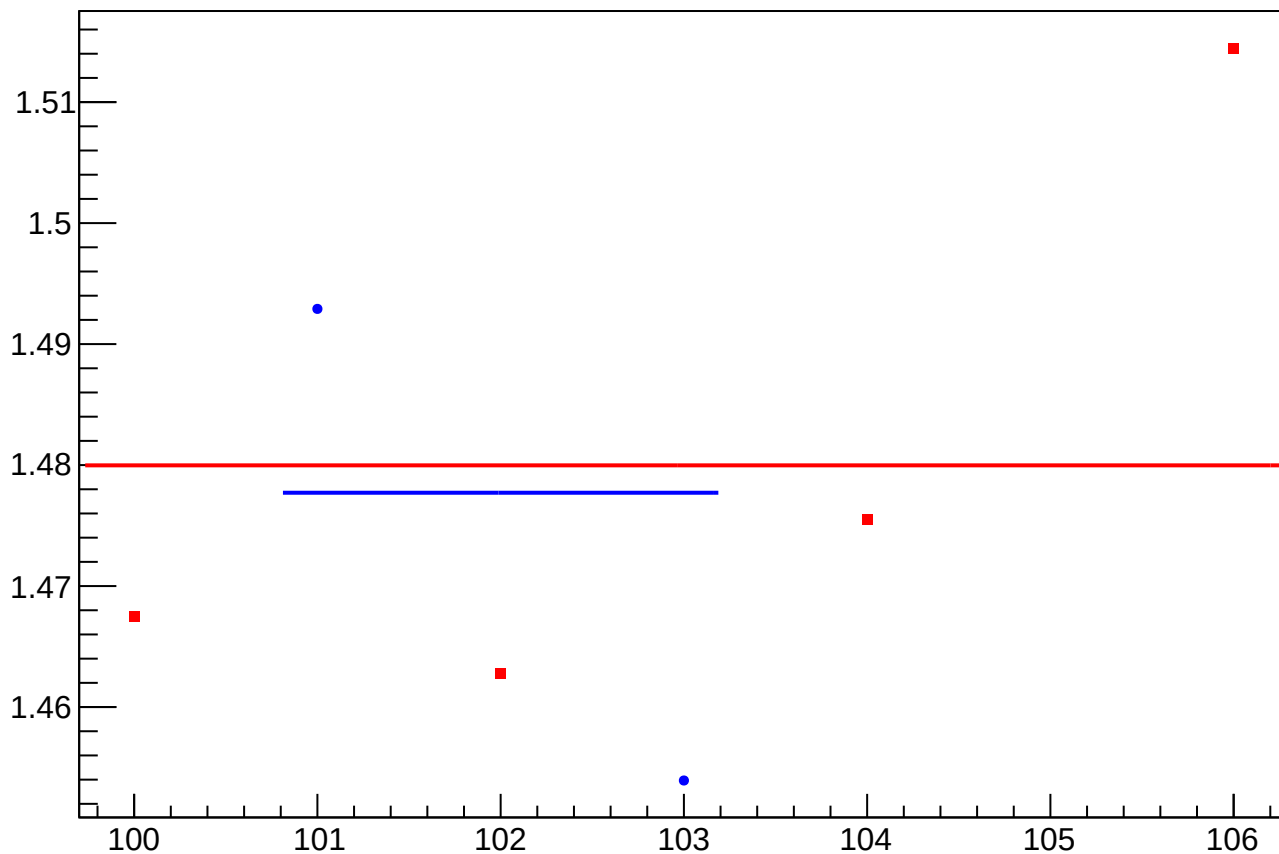
Right: 0.045+/-0.000 χ^2/NDF : 288738.5/5

In: 0.043+/-0.000 χ^2/NDF : 183178.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.000 χ^2/NDF : 288738.5/5

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.478+/-0.000 χ^2/NDF : 1524700.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.480+/-0.000 χ^2/NDF : 1899806.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

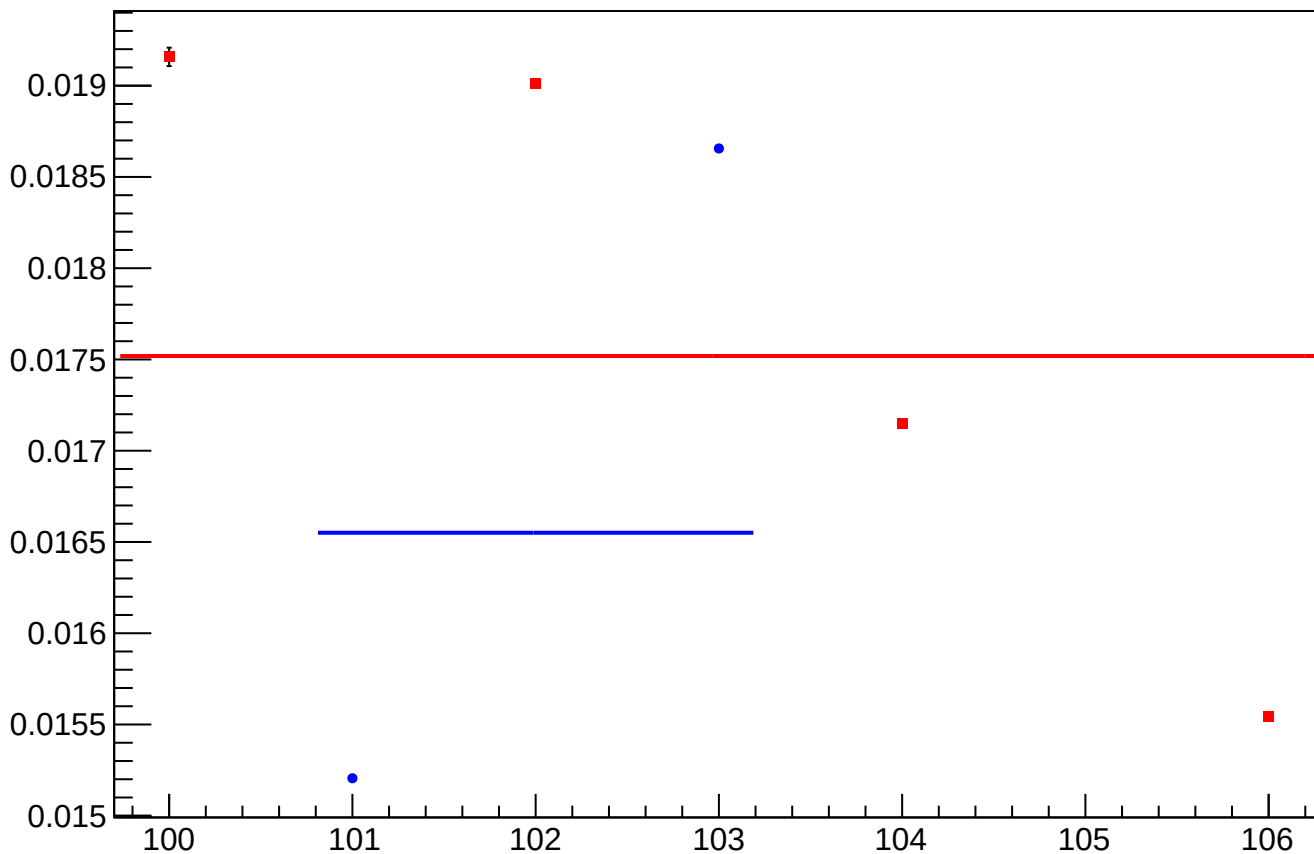
Right: 1.479+/-0.000 χ^2/NDF : 3435853.2/5

In: 1.478+/-0.000 χ^2/NDF : 1524700.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.479+/-0.000 χ^2/NDF : 3435853.2/5

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 23894.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 17810.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

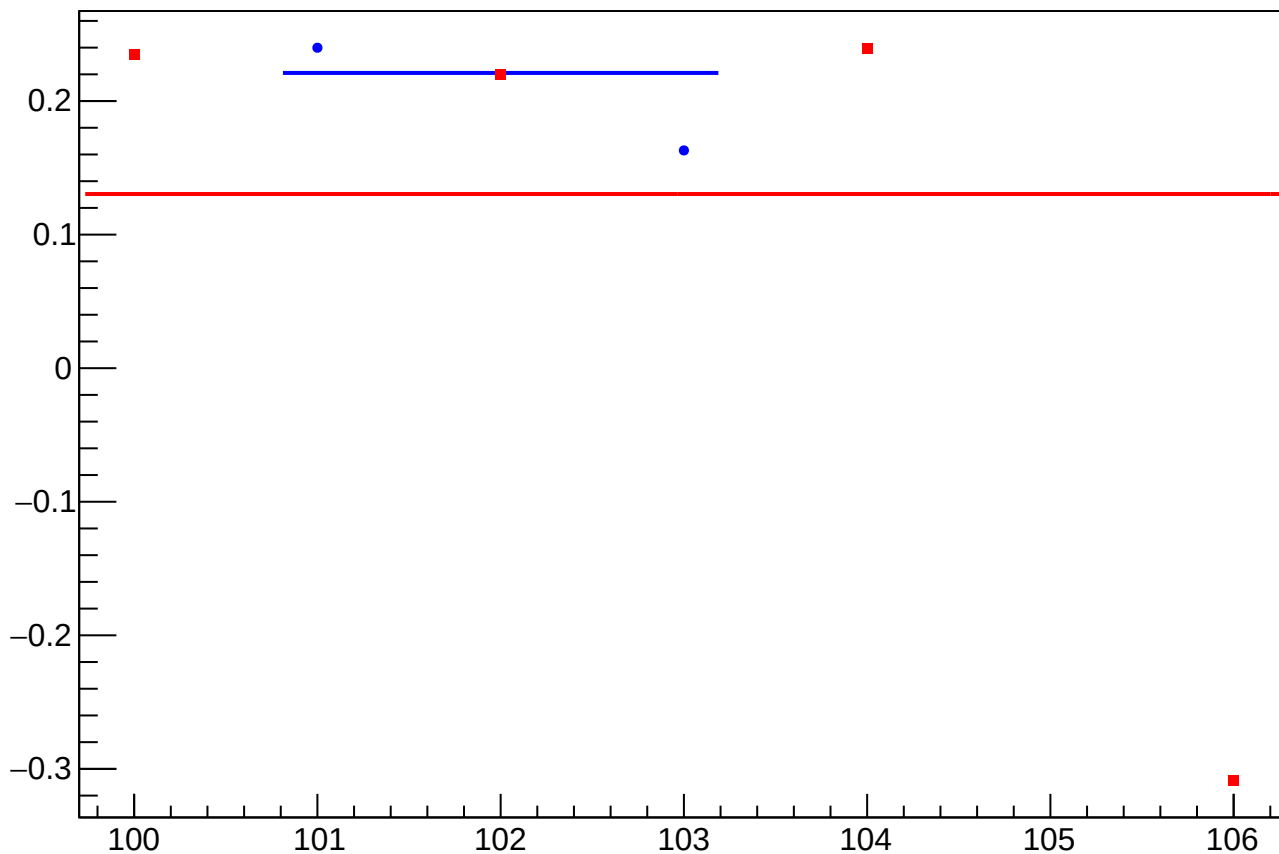
Right: 0.017+/-0.000 χ^2/NDF : 45858.2/5

In: 0.017+/-0.000 χ^2/NDF : 23894.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 45858.2/5

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: 0.221+/-0.000 χ^2/NDF : 571074.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.130+/-0.000 χ^2/NDF : 23212904.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

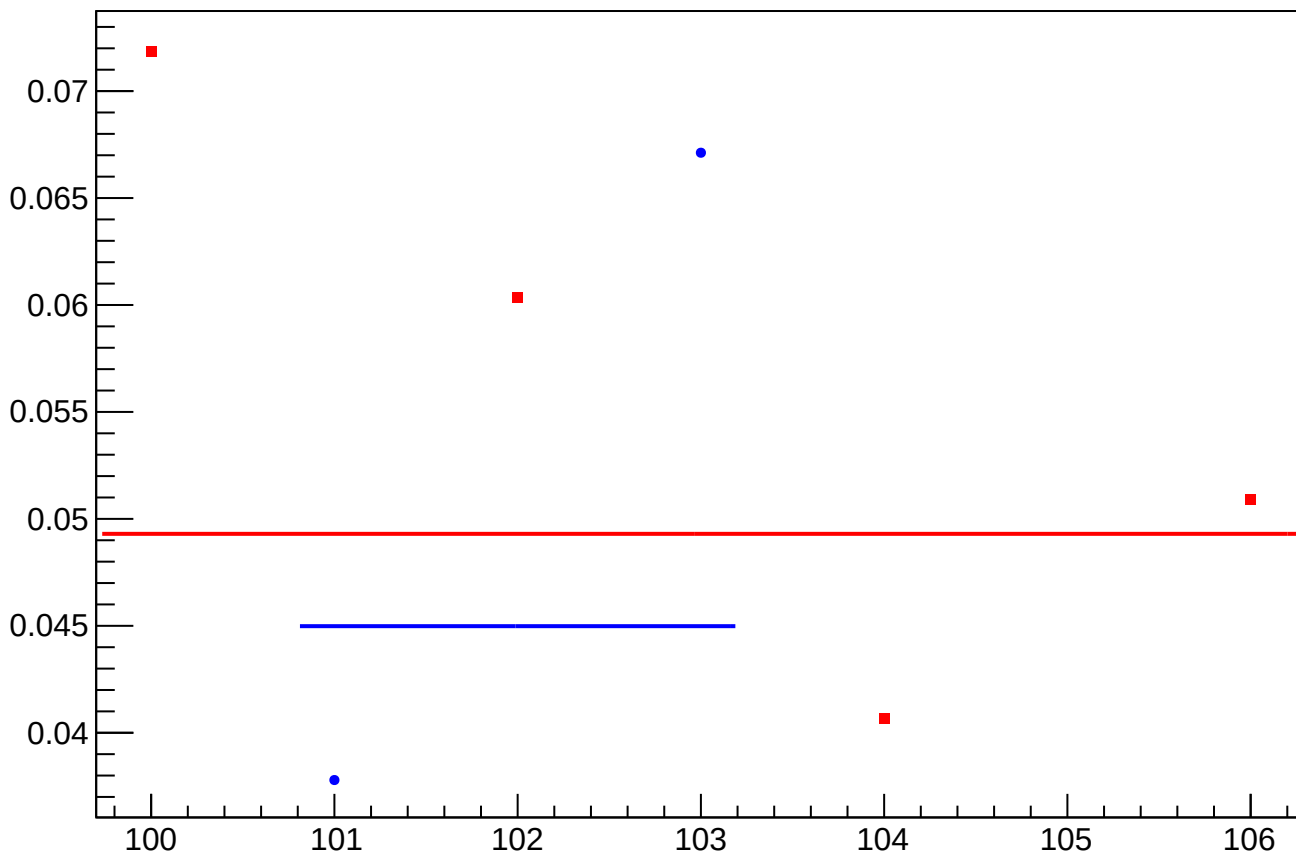
Right: 0.176+/-0.000 χ^2/NDF : 25921846.2/5

In: 0.221+/-0.000 χ^2/NDF : 571074.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.176+/-0.000 χ^2/NDF : 25921846.2/5

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 166204.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.049+/-0.000 χ^2/NDF : 90140.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

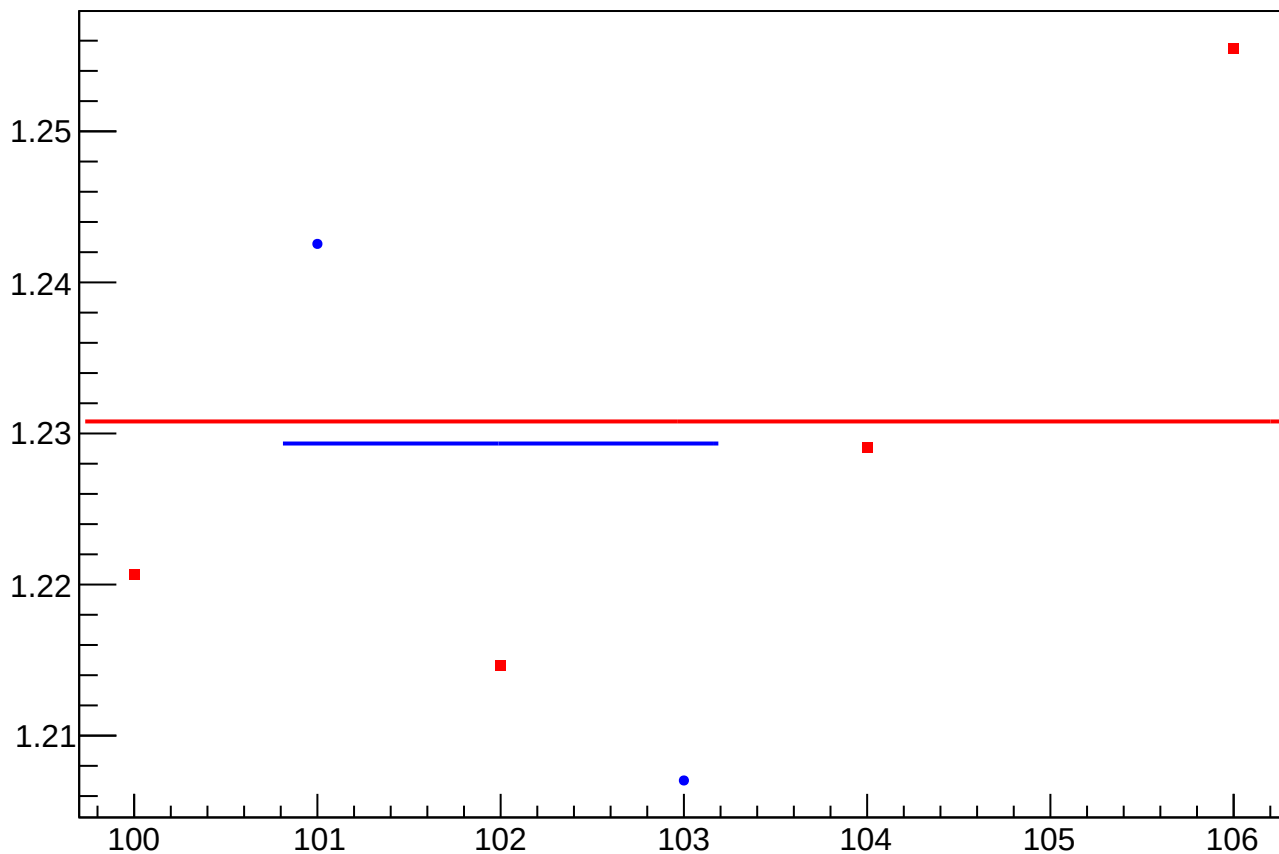
Right: 0.047+/-0.000 χ^2/NDF : 266037.6/5

In: 0.045+/-0.000 χ^2/NDF :166204.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.047+/-0.000 χ^2/NDF : 266037.6/5

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.229+/-0.000 χ^2/NDF : 1754112.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.231+/-0.000 χ^2/NDF : 1706067.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

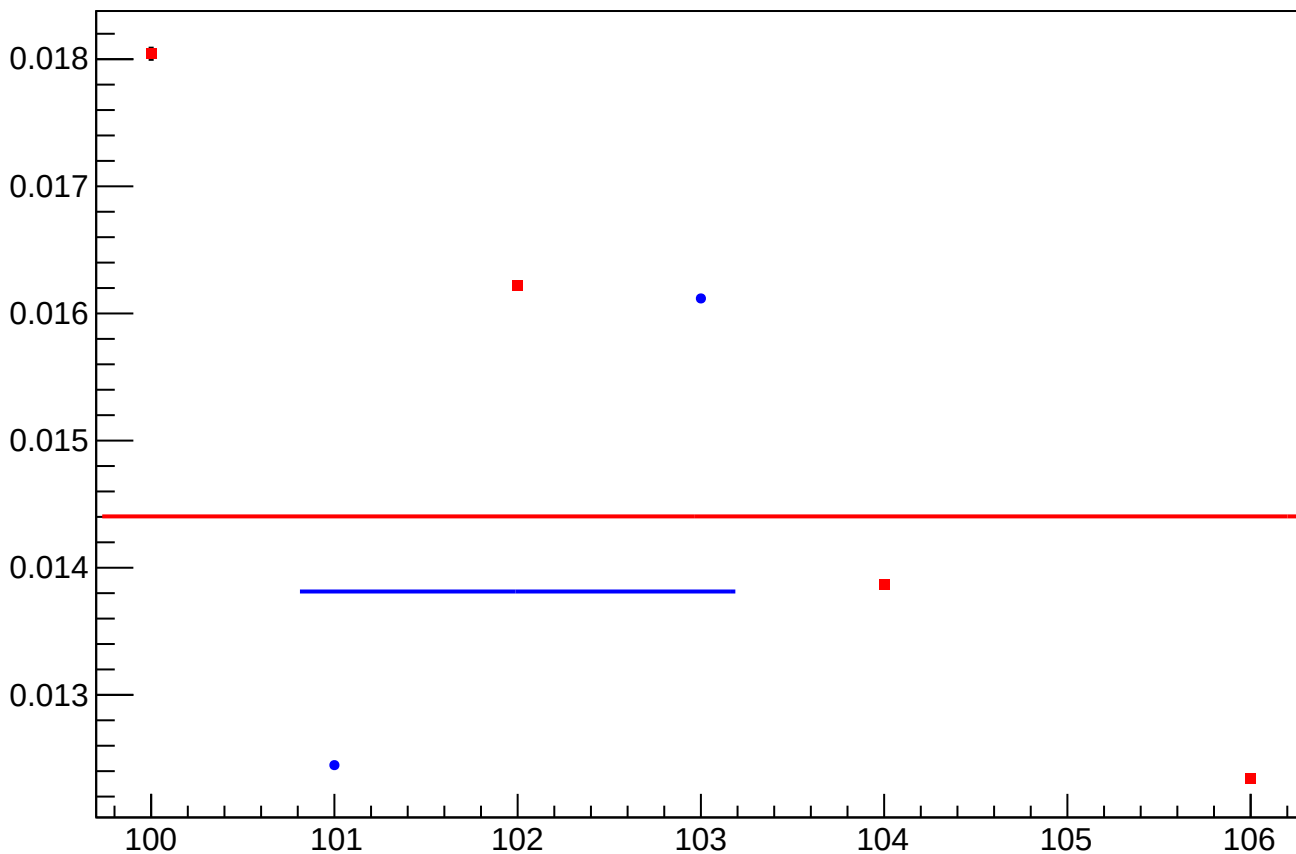
Right: 1.230+/-0.000 χ^2/NDF : 3466936.8/5

In: 1.229+/-0.000 χ^2/NDF : 1754112.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.230+/-0.000 χ^2/NDF : 3466936.8/5

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 37471.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 37438.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

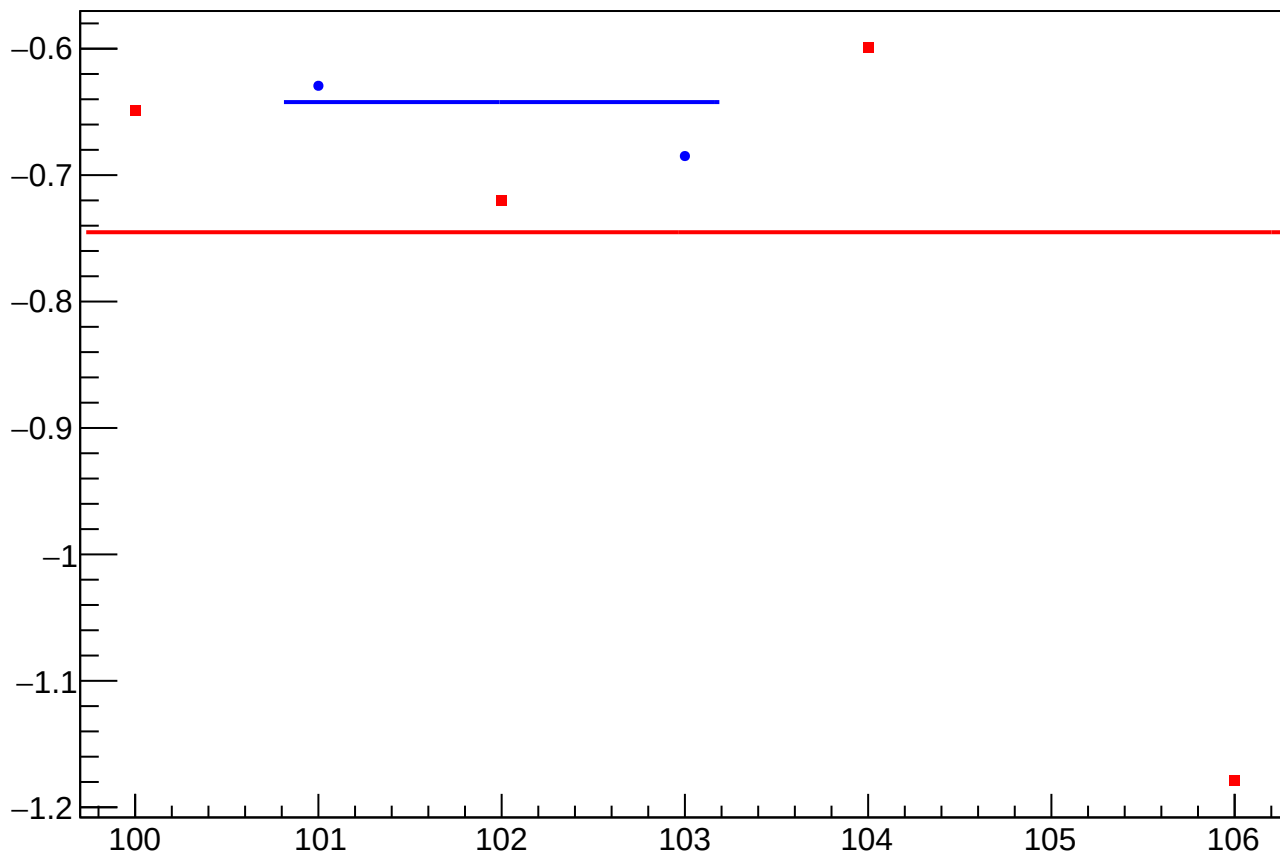
Right: 0.014+/-0.000 χ^2/NDF : 77121.3/5

In: 0.014+/-0.000 χ^2/NDF : 37471.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 77121.3/5

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.642+/-0.000 χ^2/NDF : 323757.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.745+/-0.000 χ^2/NDF : 26230104.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

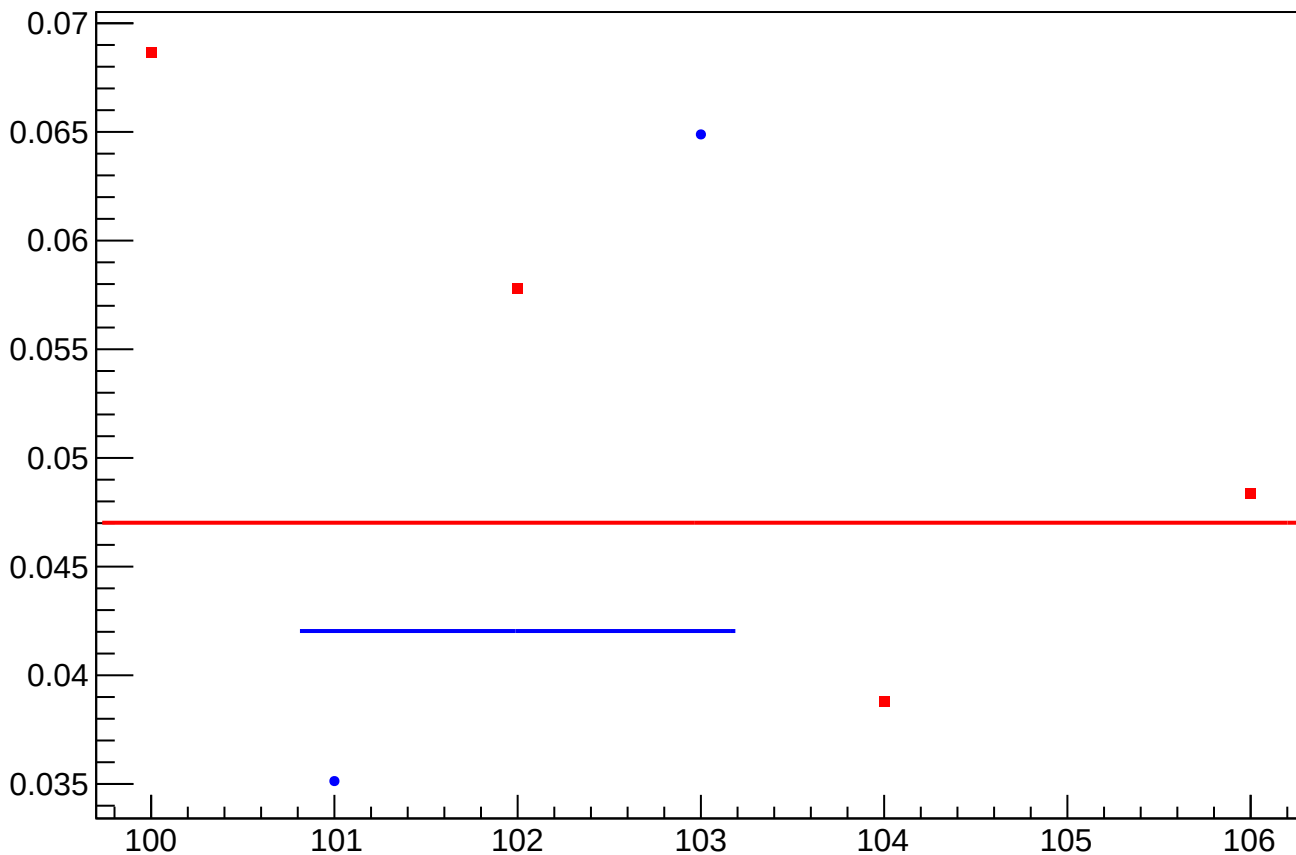
Right: -0.693+/-0.000 χ^2/NDF : 29616361.2/5

In: -0.642+/-0.000 χ^2/NDF :323757.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.693+/-0.000 χ^2/NDF : 29616361.2/5

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 185554.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.047 $\pm$ 0.000 χ^2 /NDF: 91323.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

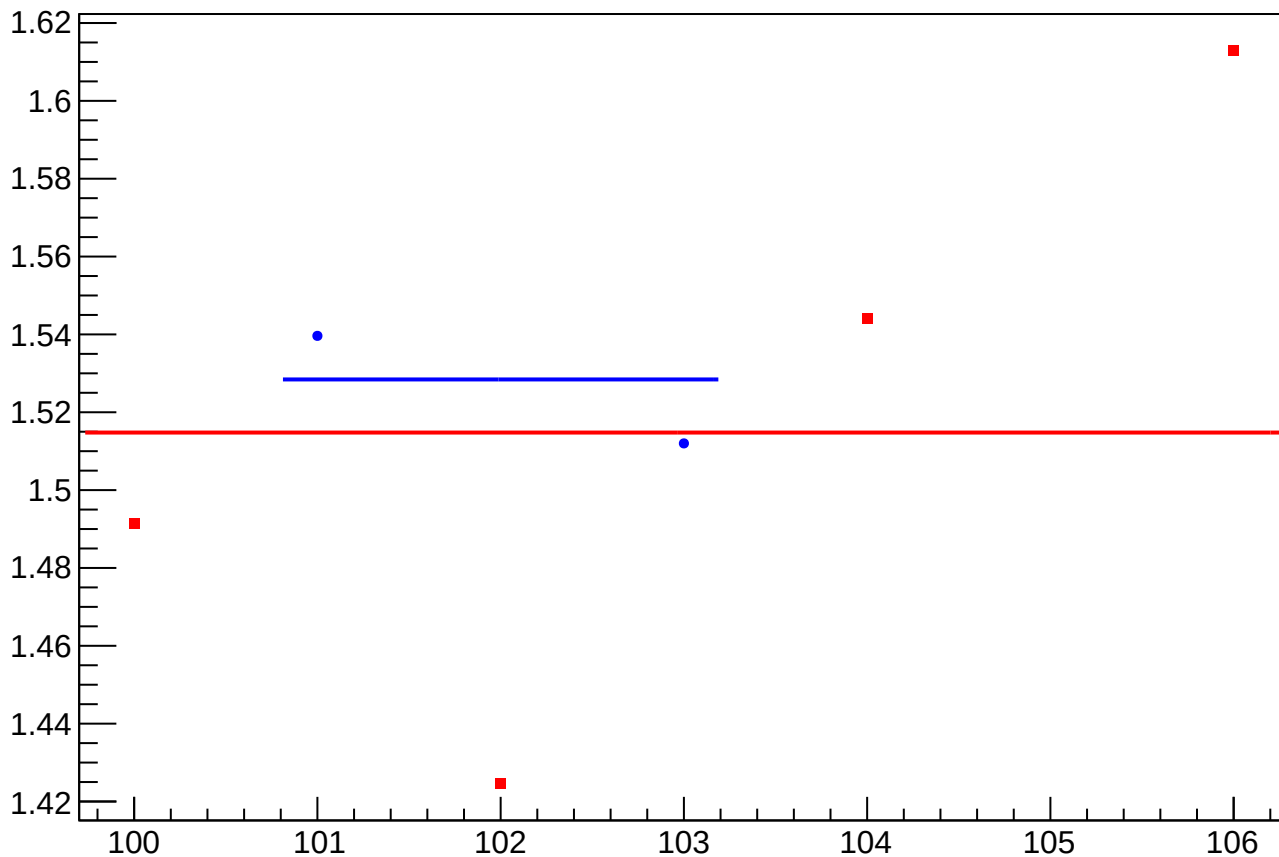
Right: 0.044 $\pm$ 0.000 χ^2 /NDF: 291226.2/5

In: 0.042 $\pm$ 0.000 χ^2 /NDF:185554.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.044 $\pm$ 0.000 χ^2 /NDF: 291226.2/5

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.528+/-0.000 χ^2/NDF : 711050.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.515+/-0.000 χ^2/NDF : 25690334.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

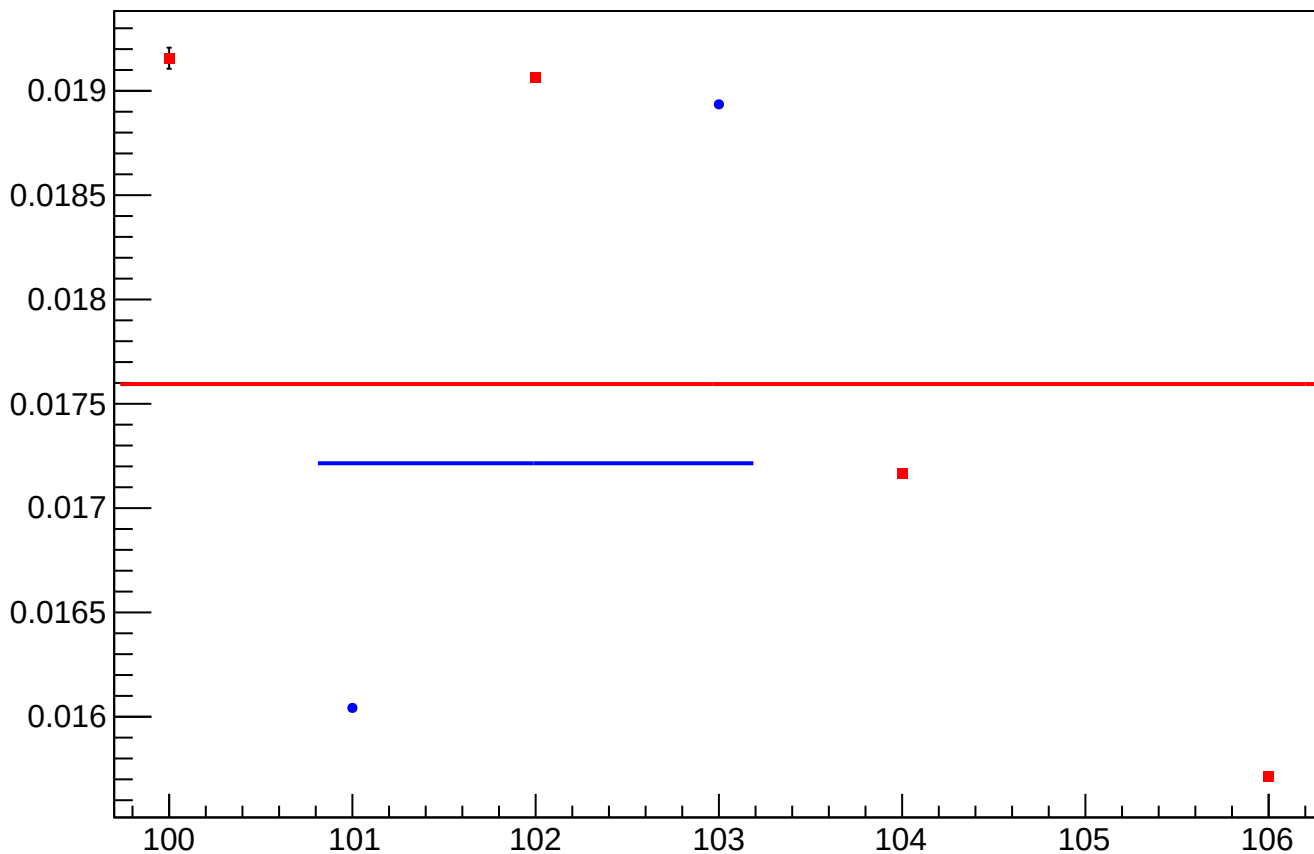
Right: 1.521+/-0.000 χ^2/NDF : 26793163.6/5

In: 1.528+/-0.000 χ^2/NDF : 711050.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.521+/-0.000 χ^2/NDF : 26793163.6/5

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.017+/-0.000 χ^2/NDF : 15592.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 16567.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

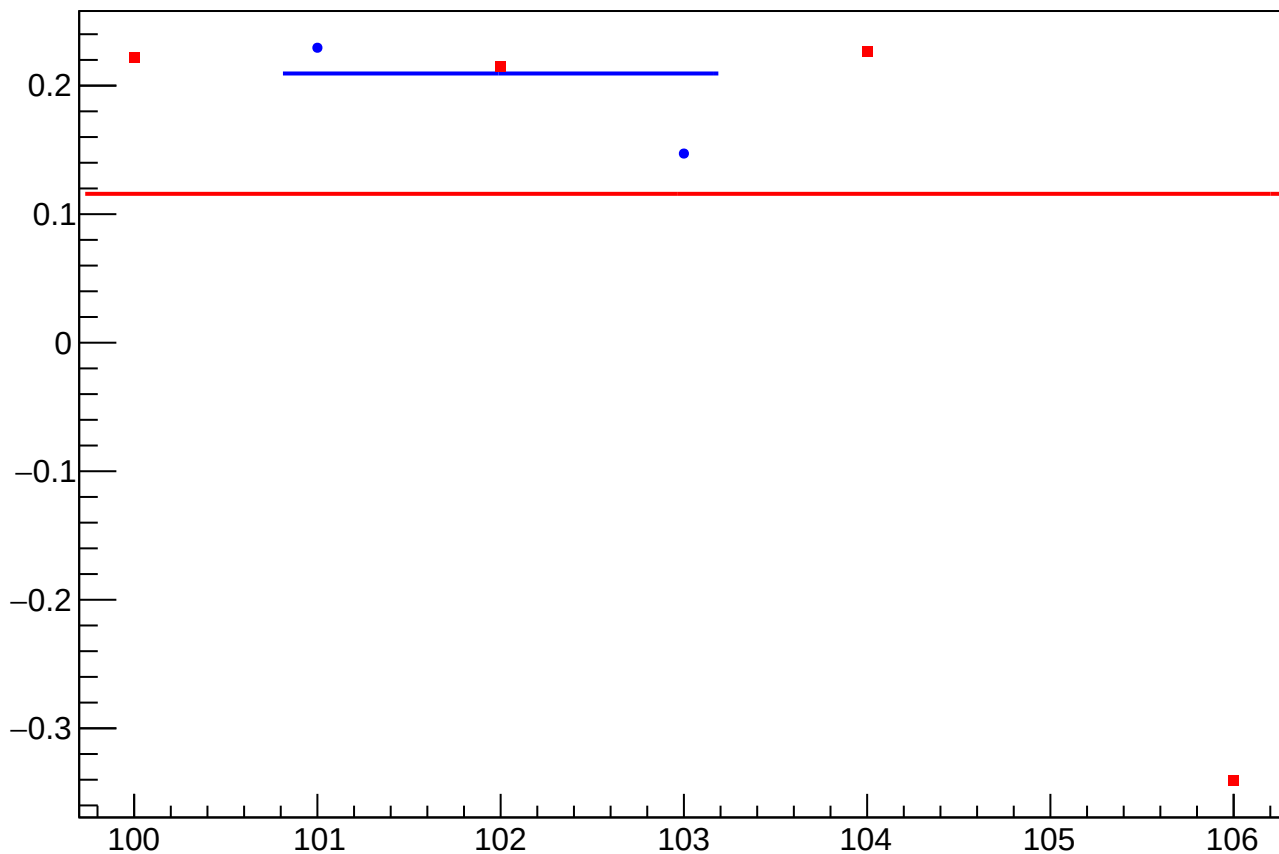
Right: 0.017+/-0.000 χ^2/NDF : 32767.4/5

In: 0.017+/-0.000 χ^2/NDF : 15592.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 32767.4/5

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000 χ^2/NDF : 638271.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.116+/-0.000 χ^2/NDF : 24387938.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

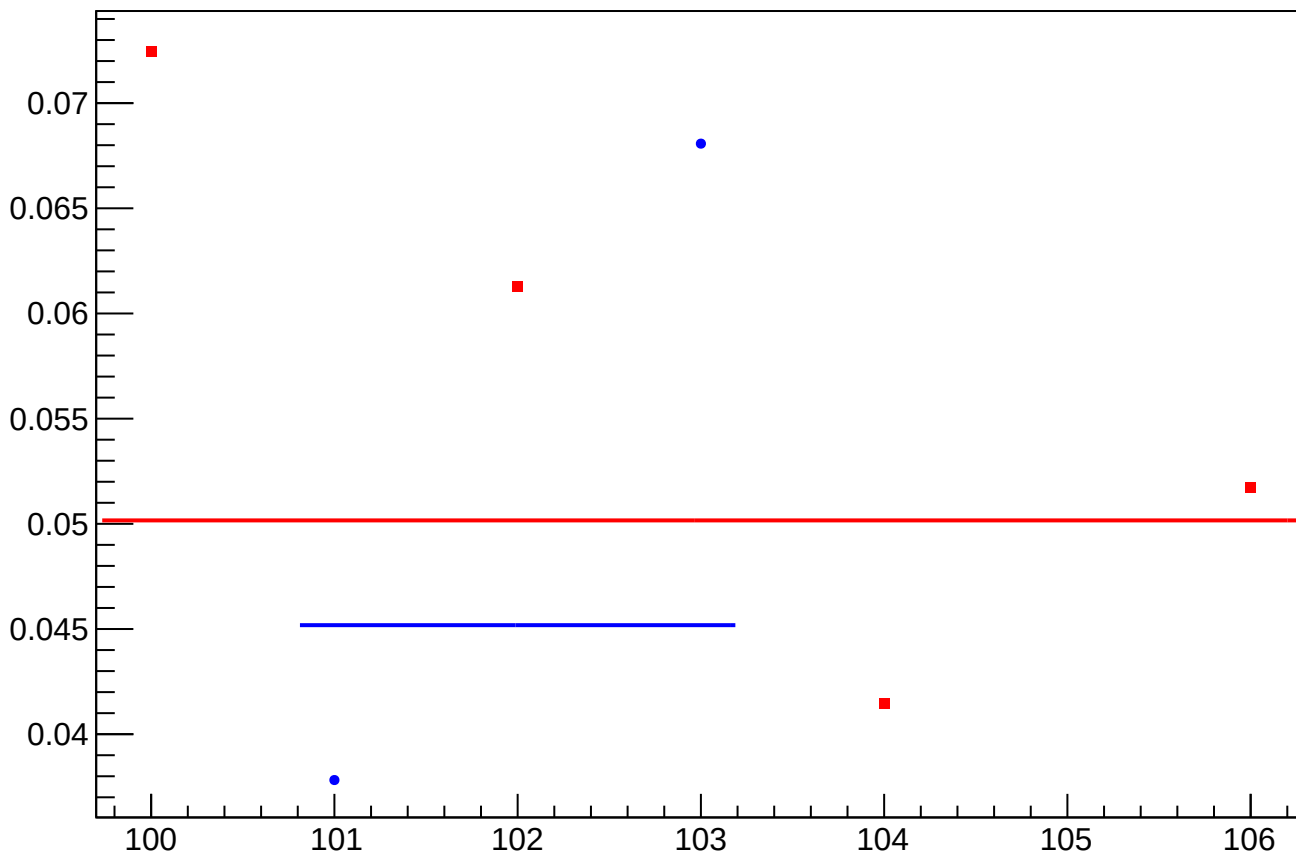
Right: 0.163+/-0.000 χ^2/NDF : 27247244.3/5

In: 0.209+/-0.000 χ^2/NDF : 638271.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.000 χ^2/NDF : 27247244.3/5

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 172379.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.050+/-0.000 χ^2/NDF : 87955.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

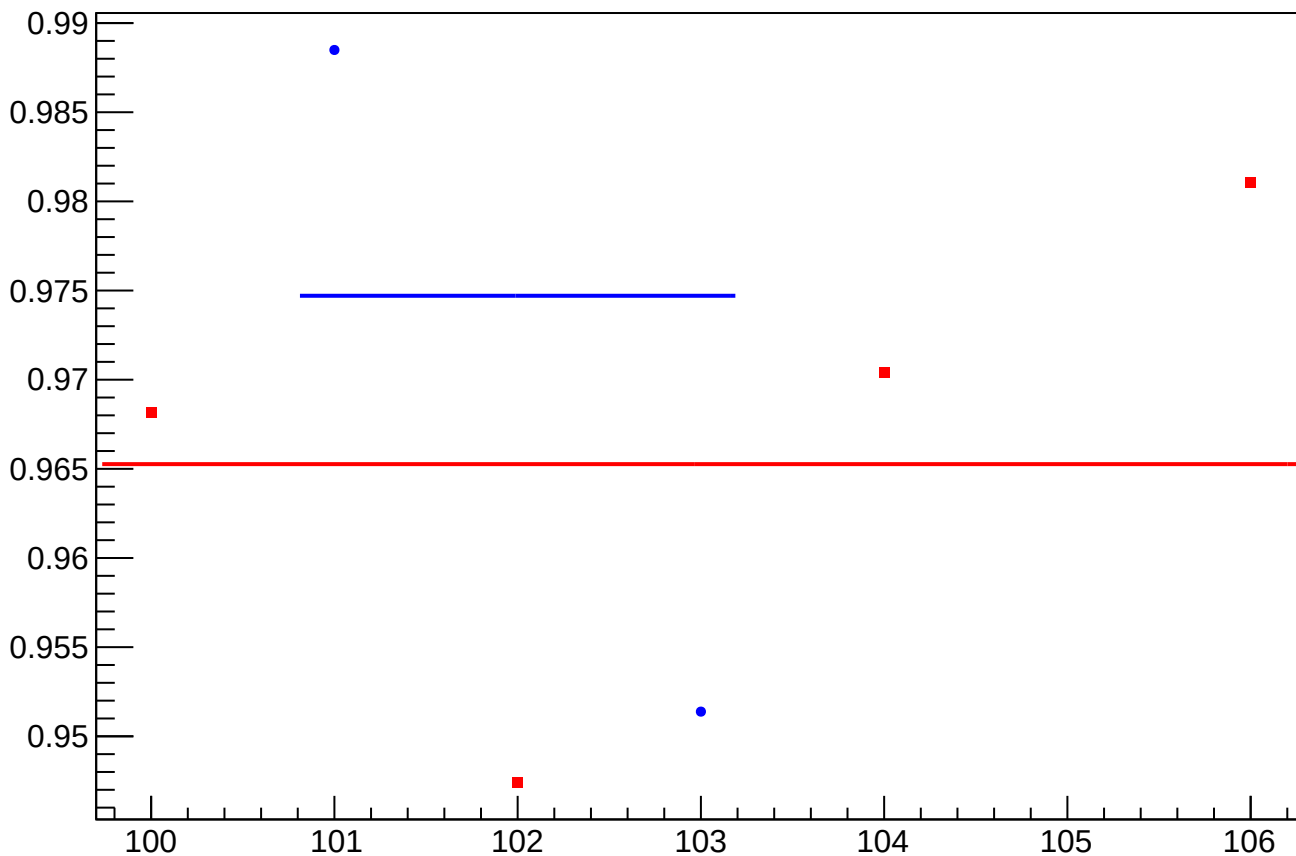
Right: 0.048+/-0.000 χ^2/NDF : 272903.2/5

In: 0.045+/-0.000 χ^2/NDF : 172379.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 272903.2/5

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.975+/-0.000 χ^2/NDF : 1869302.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.965+/-0.000 χ^2/NDF : 1216113.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

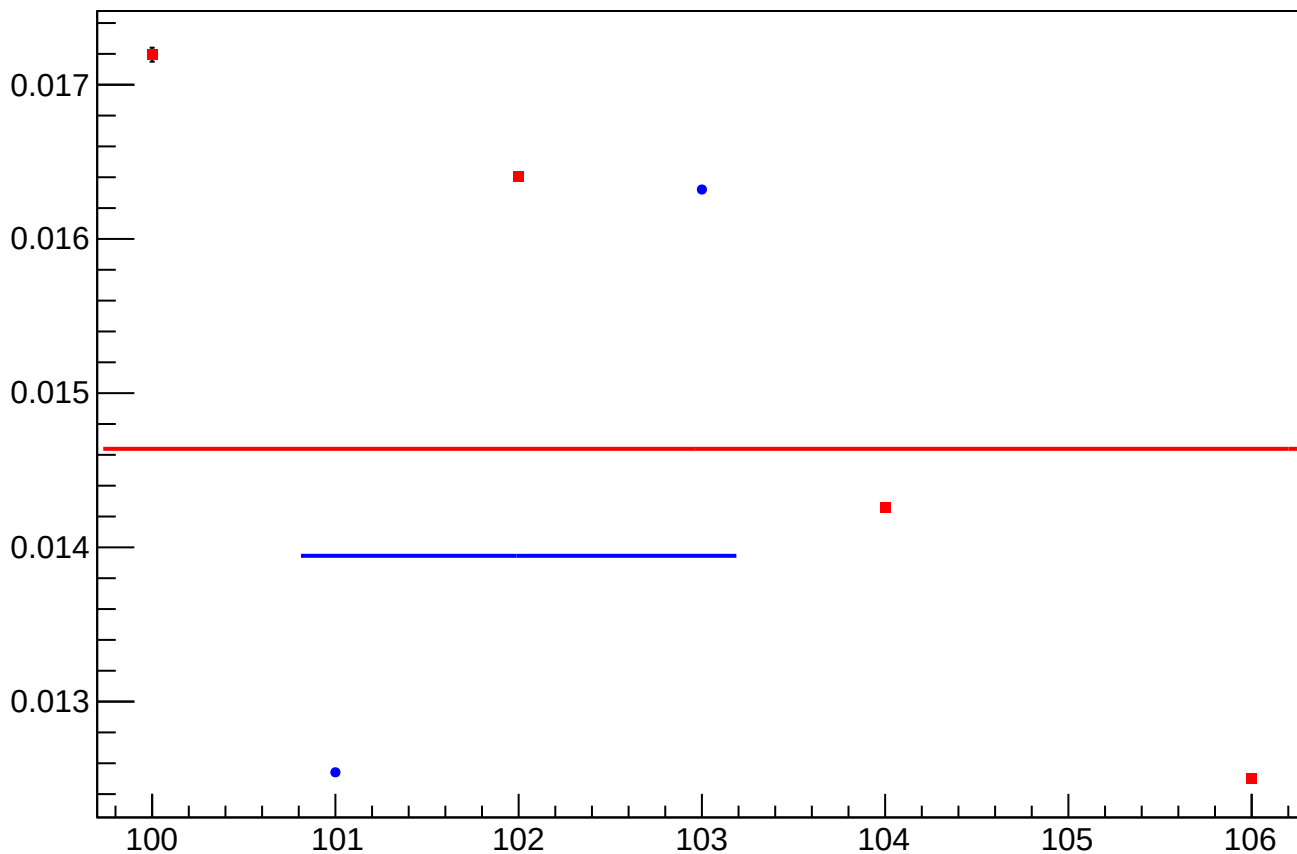
Right: 0.970+/-0.000 χ^2/NDF : 3360805.2/5

In: 0.975+/-0.000 χ^2/NDF : 1869302.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.970+/-0.000 χ^2/NDF : 3360805.2/5

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 38775.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 33675.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

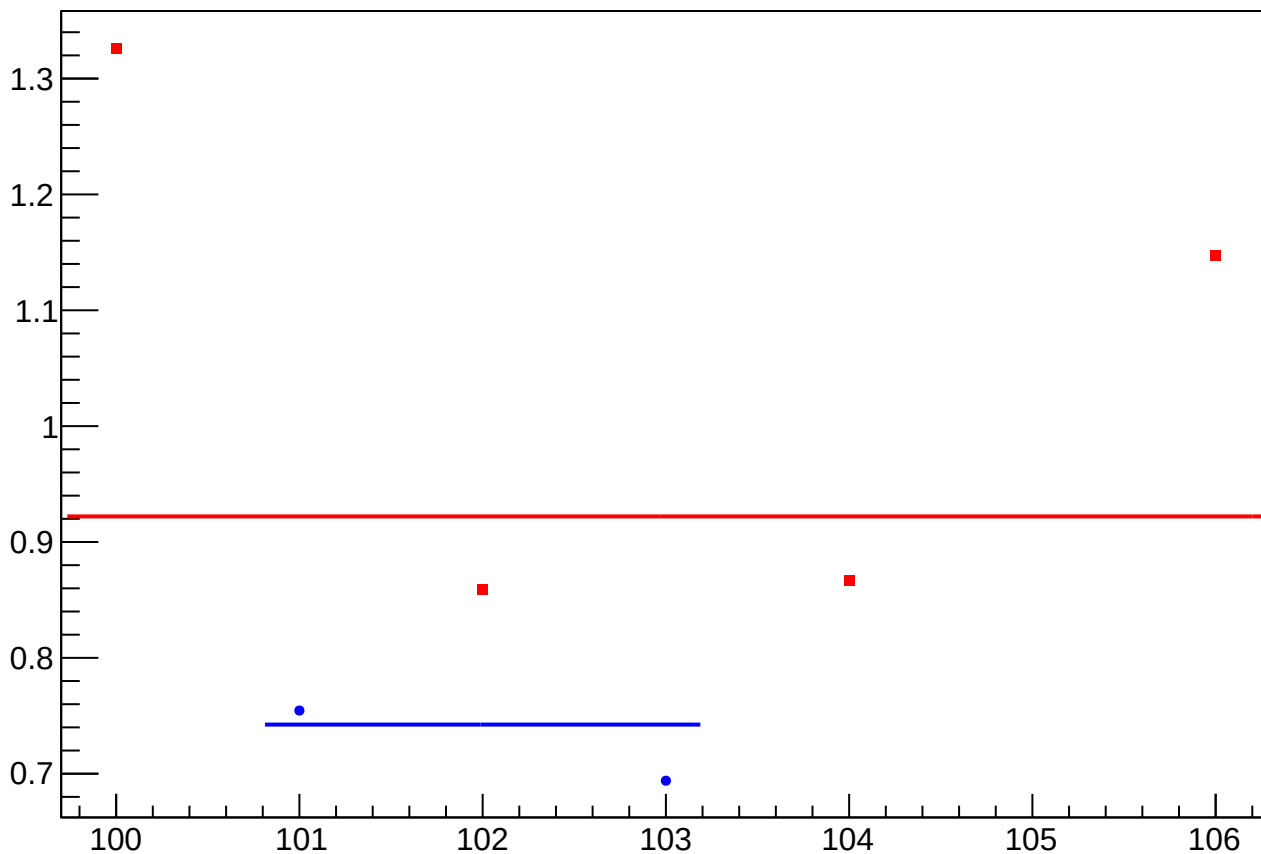
Right: 0.014+/-0.000 χ^2/NDF : 75424.7/5

In: 0.014+/-0.000 χ^2/NDF : 38775.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 75424.7/5

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.742+/-0.000 χ^2/NDF : 564629.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.922+/-0.000 χ^2/NDF : 11112316.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

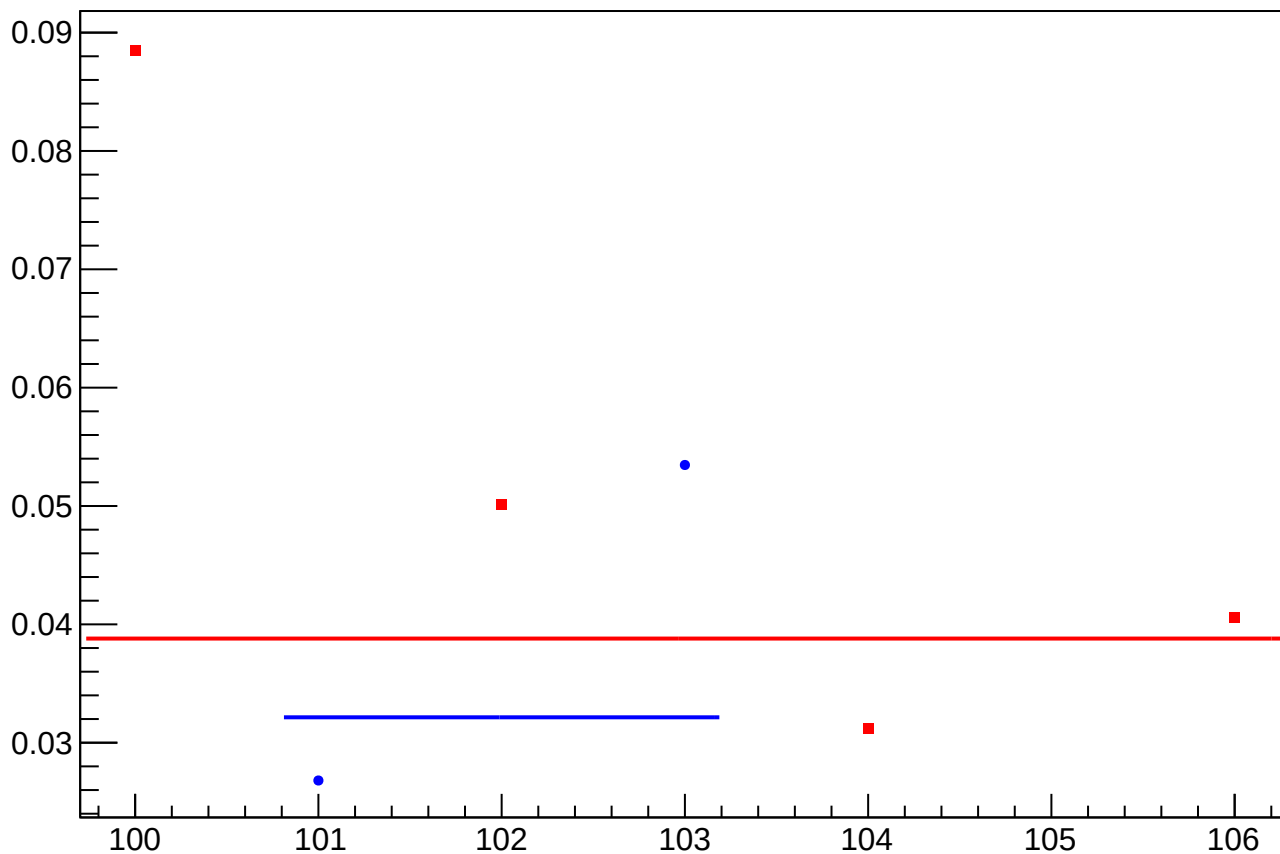
Right: 0.824+/-0.000 χ^2/NDF : 25737175.8/5

In: 0.742+/-0.000 χ^2/NDF : 564629.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.824+/-0.000 χ^2/NDF : 25737175.8/5

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.032+/-0.000 χ^2/NDF : 218735.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000 χ^2/NDF : 146339.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

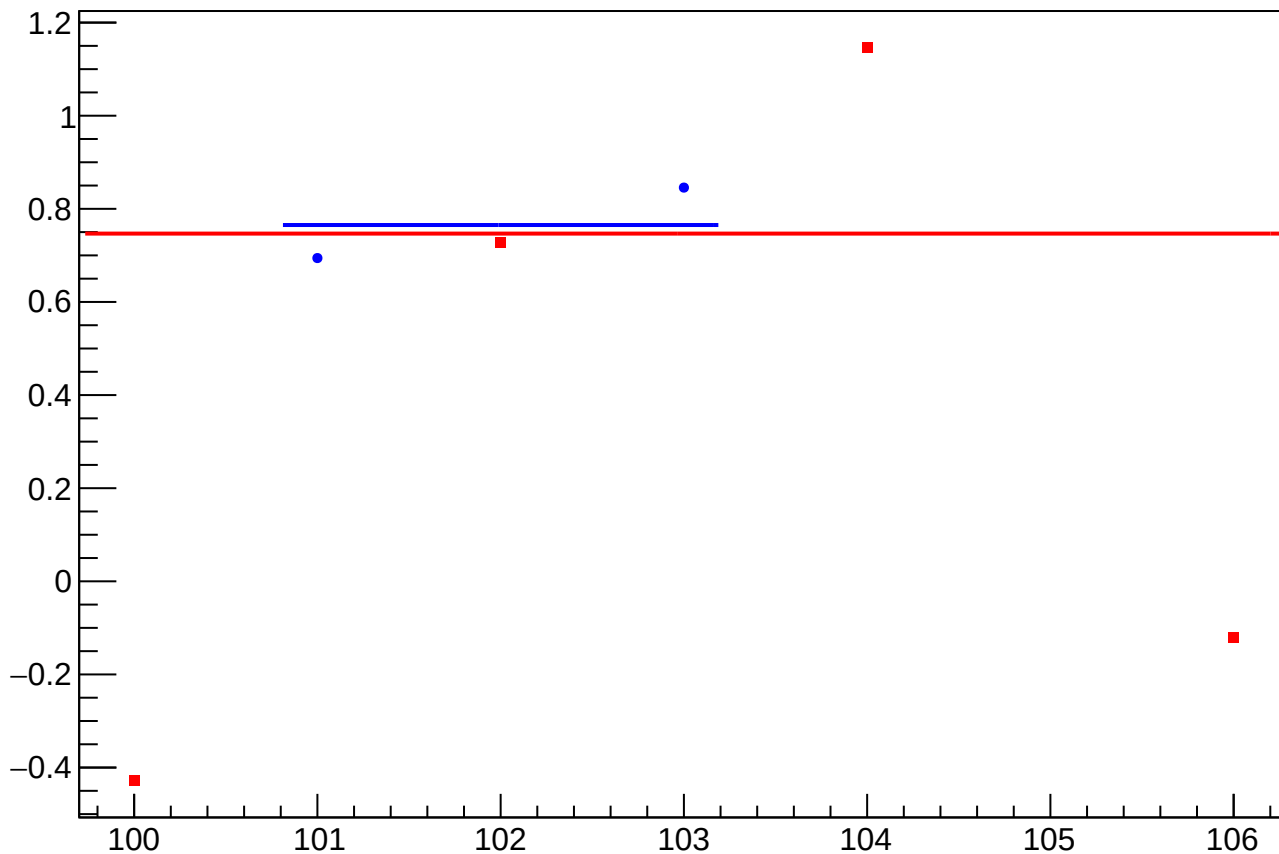
Right: 0.035+/-0.000 χ^2/NDF : 403637.5/5

In: 0.032+/-0.000 χ^2/NDF : 218735.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 403637.5/5

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.765+/-0.000 χ^2/NDF : 15599809.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.747+/-0.000 χ^2/NDF : 532195499.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

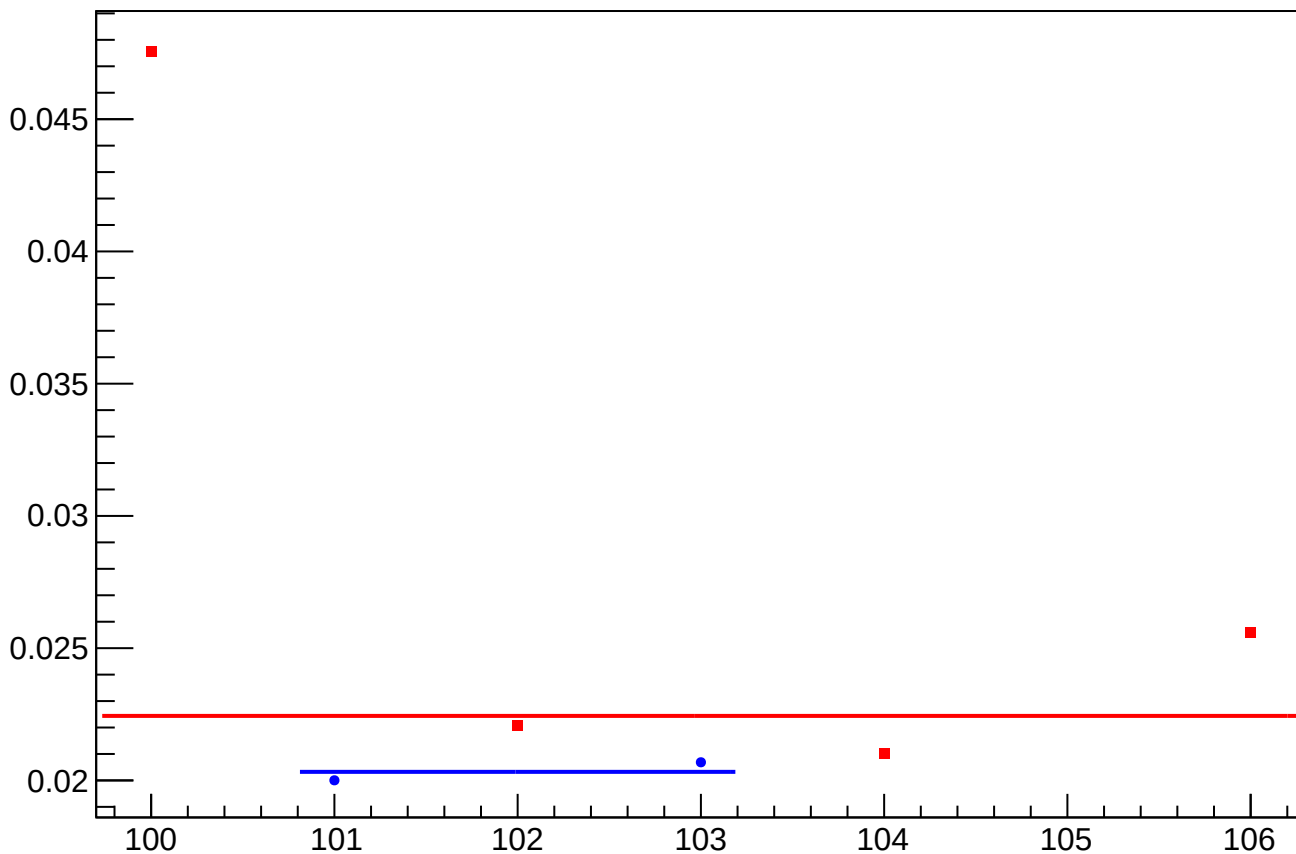
Right: 0.756+/-0.000 χ^2/NDF : 548262013.1/5

In: 0.765+/-0.000 χ^2/NDF : 15599809.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.756+/-0.000 χ^2/NDF : 548262013.1/5

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 632.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000 χ^2/NDF : 44187.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

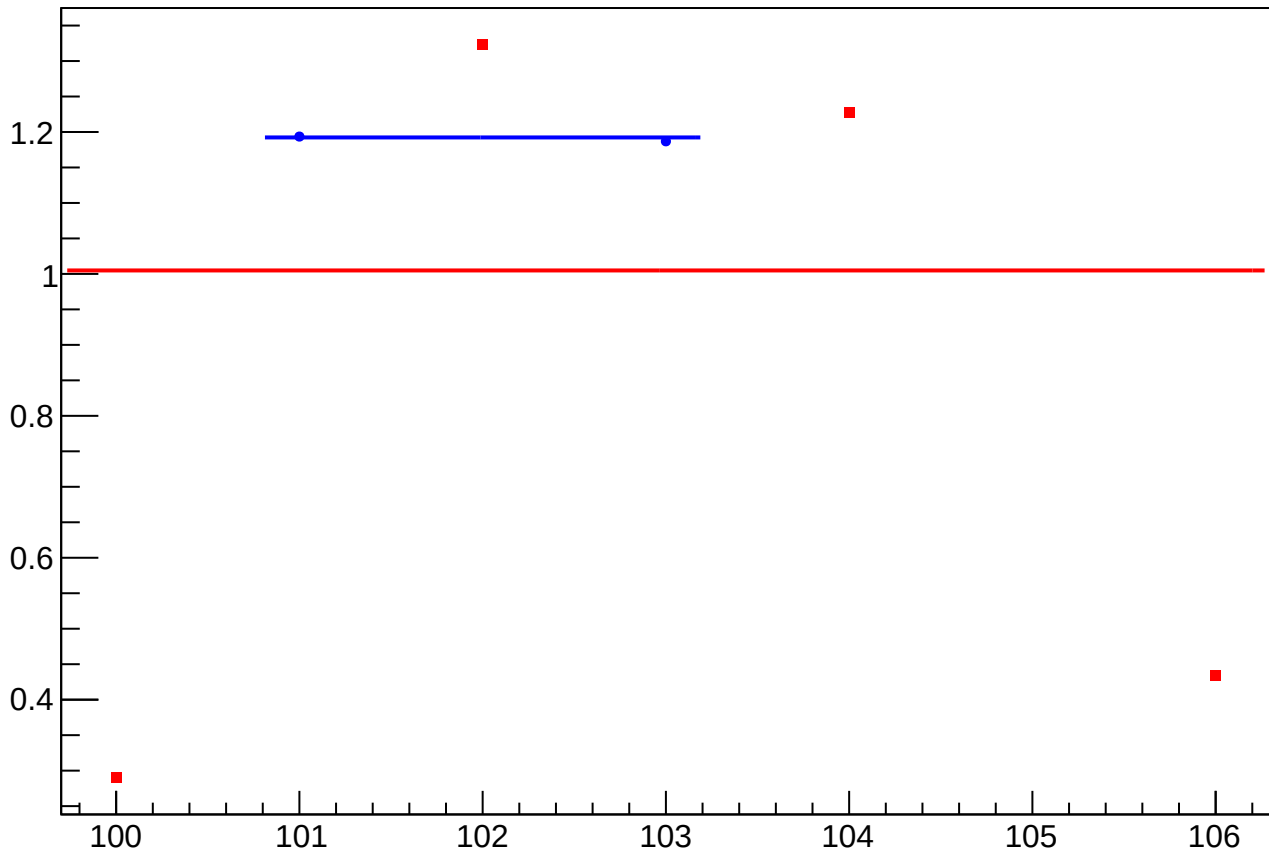
Right: 0.021+/-0.000 χ^2/NDF : 57110.7/5

In: 0.020+/-0.000 χ^2/NDF : 632.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 57110.7/5

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.192+/-0.000 χ^2/NDF : 17843.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.005+/-0.000 χ^2/NDF : 390394782.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

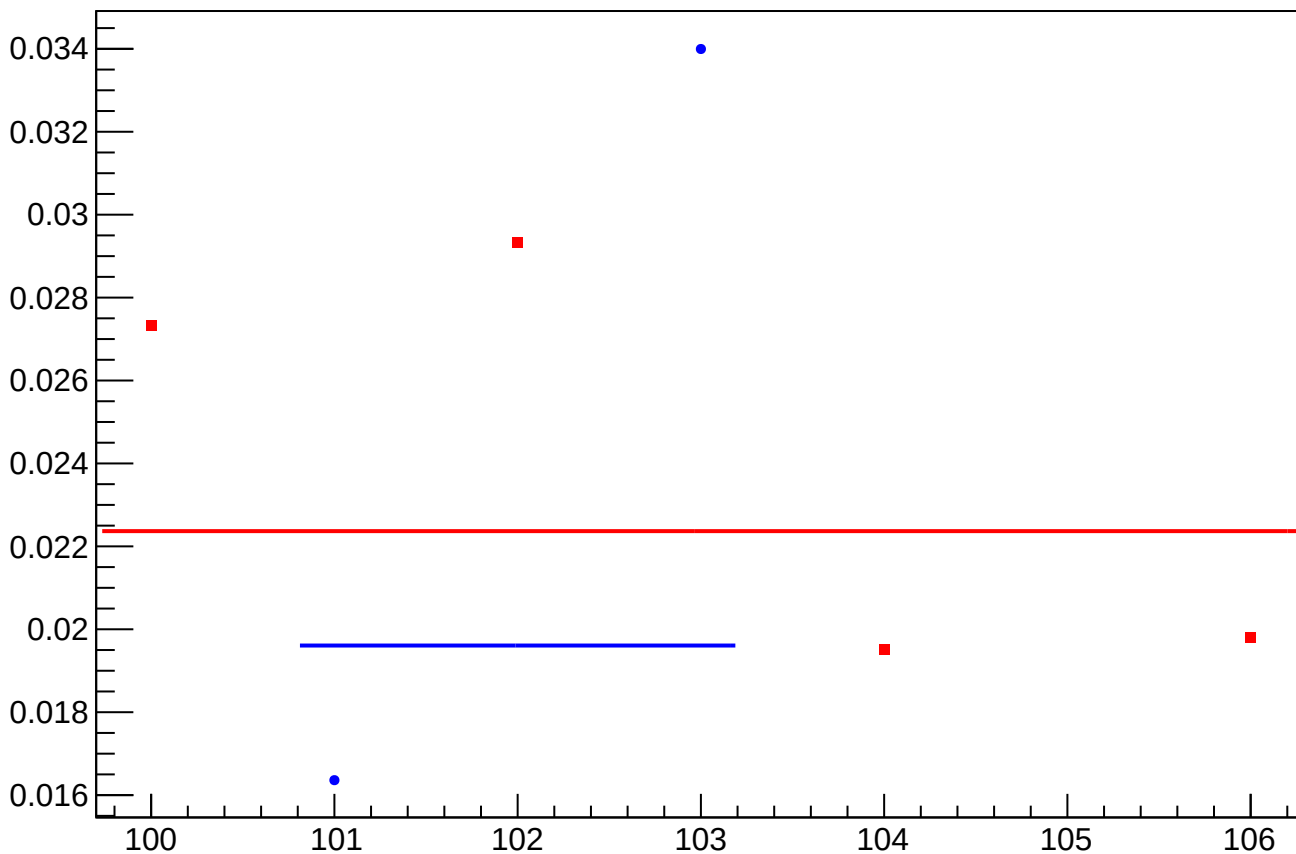
Right: 1.101+/-0.000 χ^2/NDF : 436004944.3/5

In: 1.192+/-0.000 χ^2/NDF : 17843.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.101+/-0.000 χ^2/NDF : 436004944.3/5

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.020+/-0.000 χ^2/NDF : 247815.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.000 χ^2/NDF : 94413.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

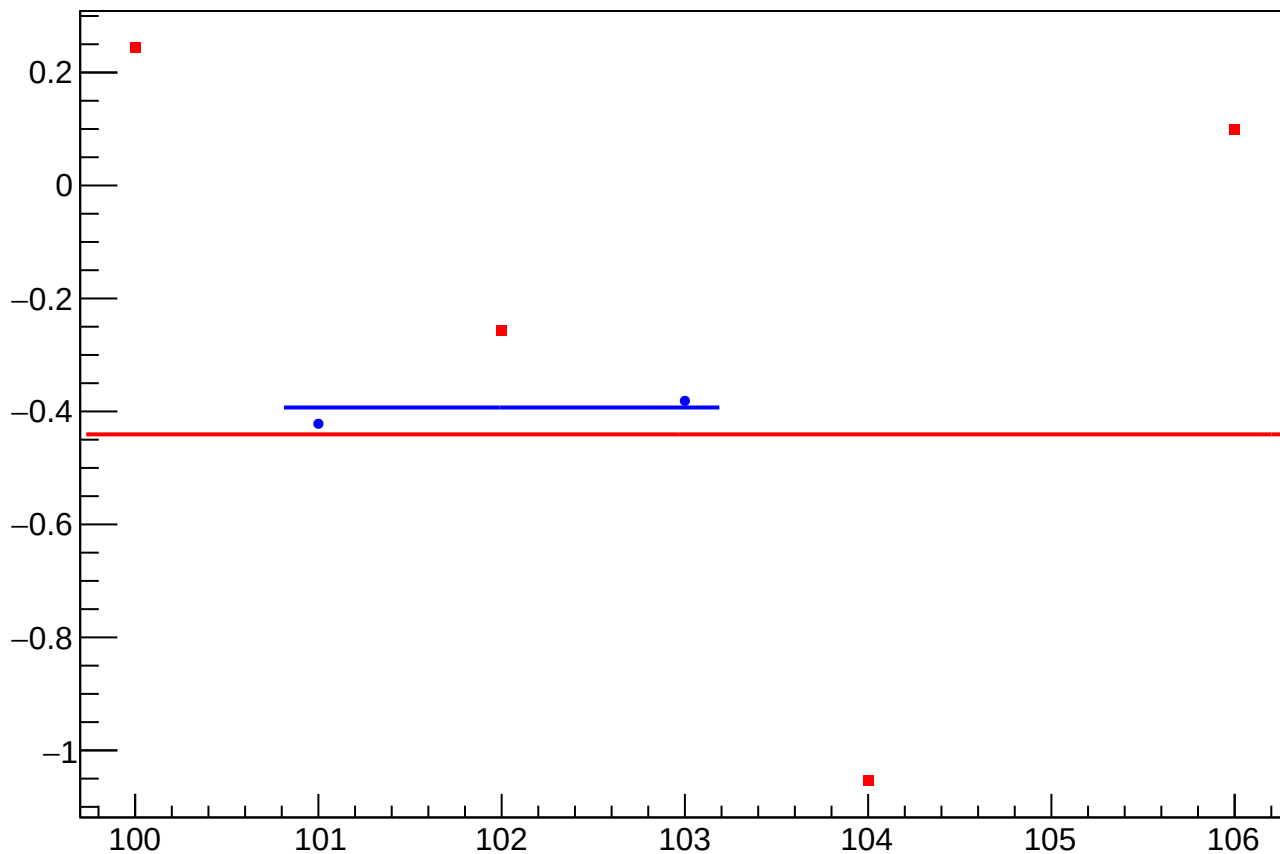
Right: 0.021+/-0.000 χ^2/NDF : 361991.1/5

In: 0.020+/-0.000 χ^2/NDF : 247815.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 361991.1/5

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.393+/-0.000 χ^2/NDF : 1386368.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.441+/-0.000 χ^2/NDF : 1090778895.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

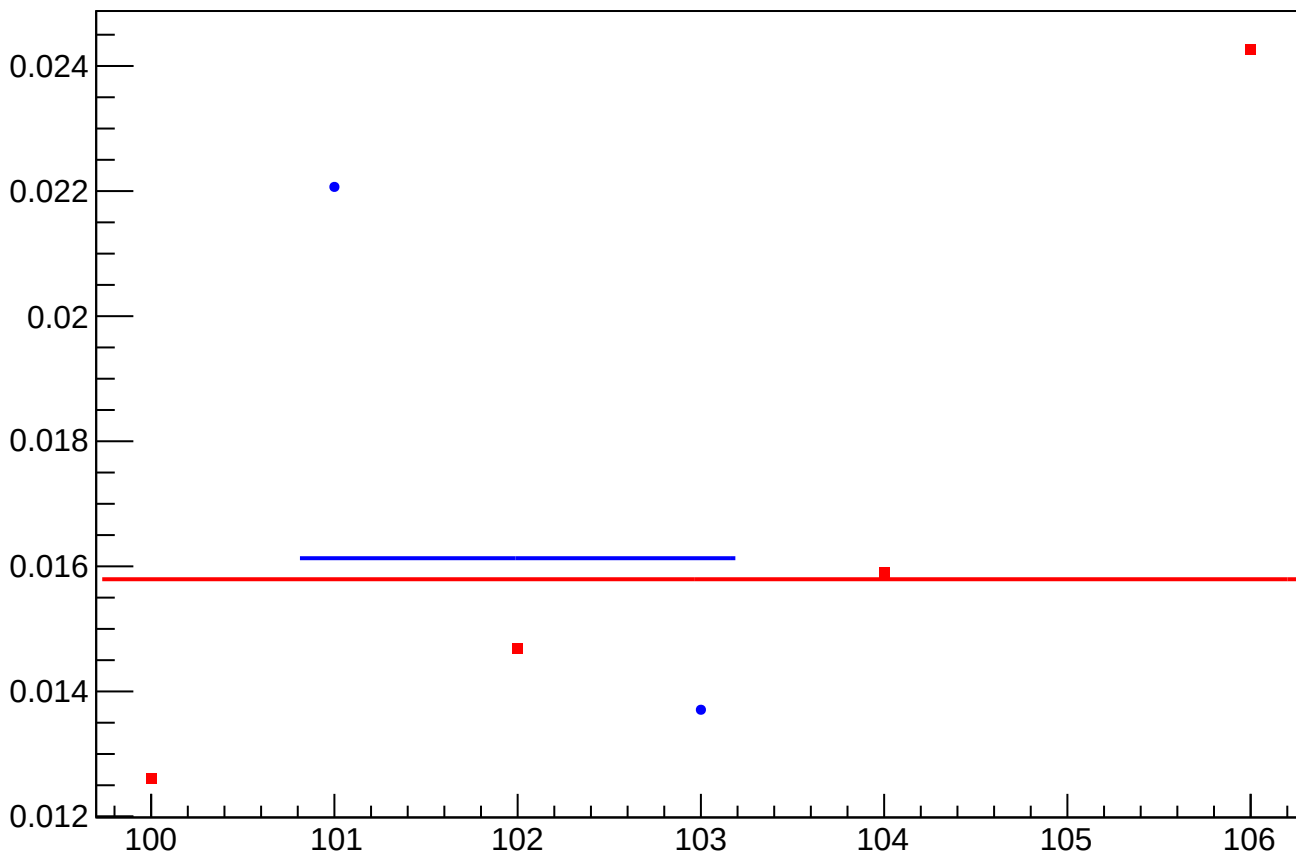
Right: -0.420+/-0.000 χ^2/NDF : 1097407006.0/5

In: -0.393+/-0.000 χ^2/NDF :1386368.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.420+/-0.000 χ^2/NDF : 1097407006.0/5

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 118135.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 85881.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

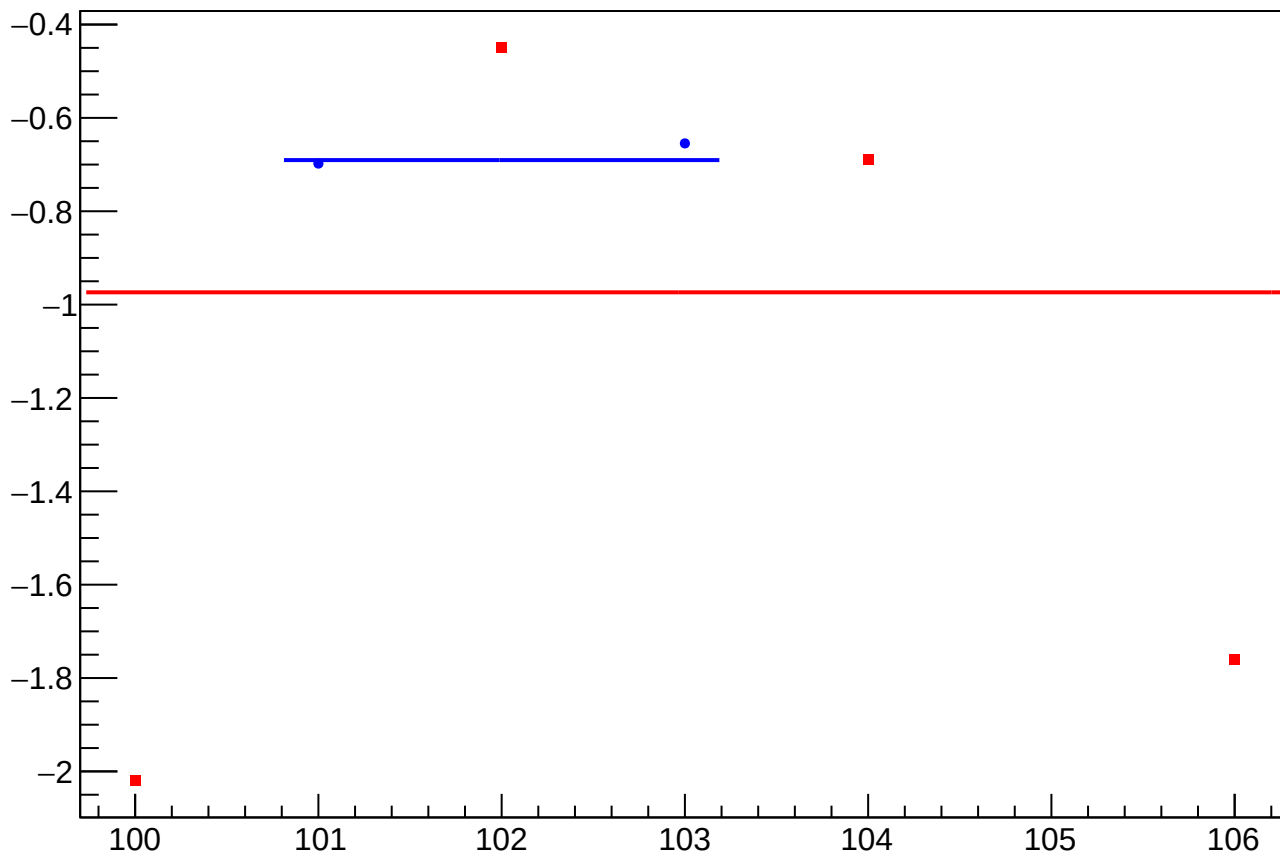
Right: 0.016+/-0.000 χ^2/NDF : 204540.9/5

In: 0.016+/-0.000 χ^2/NDF : 118135.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 204540.9/5

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.690 ± 0.000 χ^2/NDF : 186712.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.974 ± 0.000 χ^2/NDF : 201945879.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

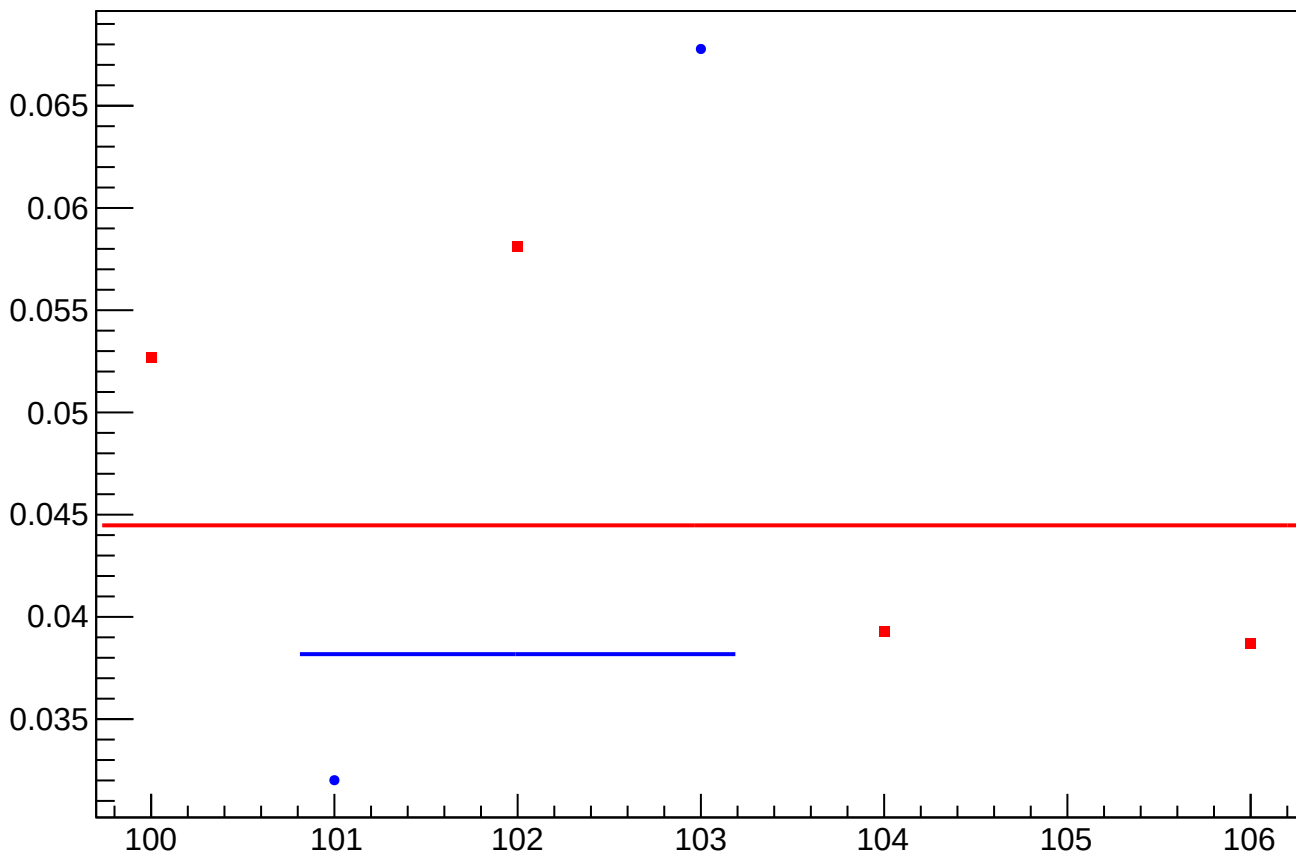
Right: -0.825 ± 0.000 χ^2/NDF : 228904251.8/5

In: -0.690 ± 0.000 χ^2/NDF : 186712.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.825 ± 0.000 χ^2/NDF : 228904251.8/5

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 255512.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.000 χ^2/NDF : 90052.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

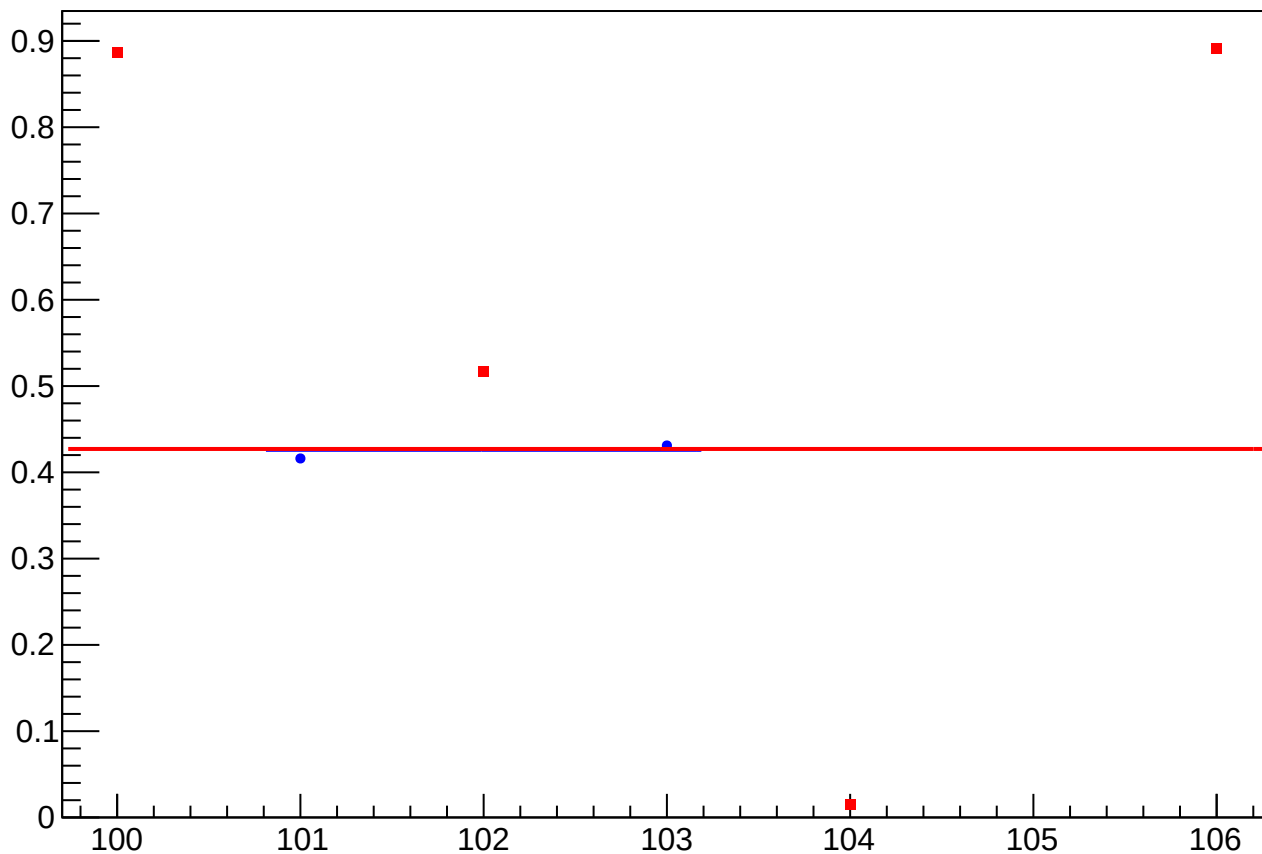
Right: 0.041+/-0.000 χ^2/NDF : 372040.2/5

In: 0.038+/-0.000 χ^2/NDF : 255512.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 372040.2/5

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.426+/-0.000 χ^2/NDF : 388135.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.427+/-0.000 χ^2/NDF : 947045562.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

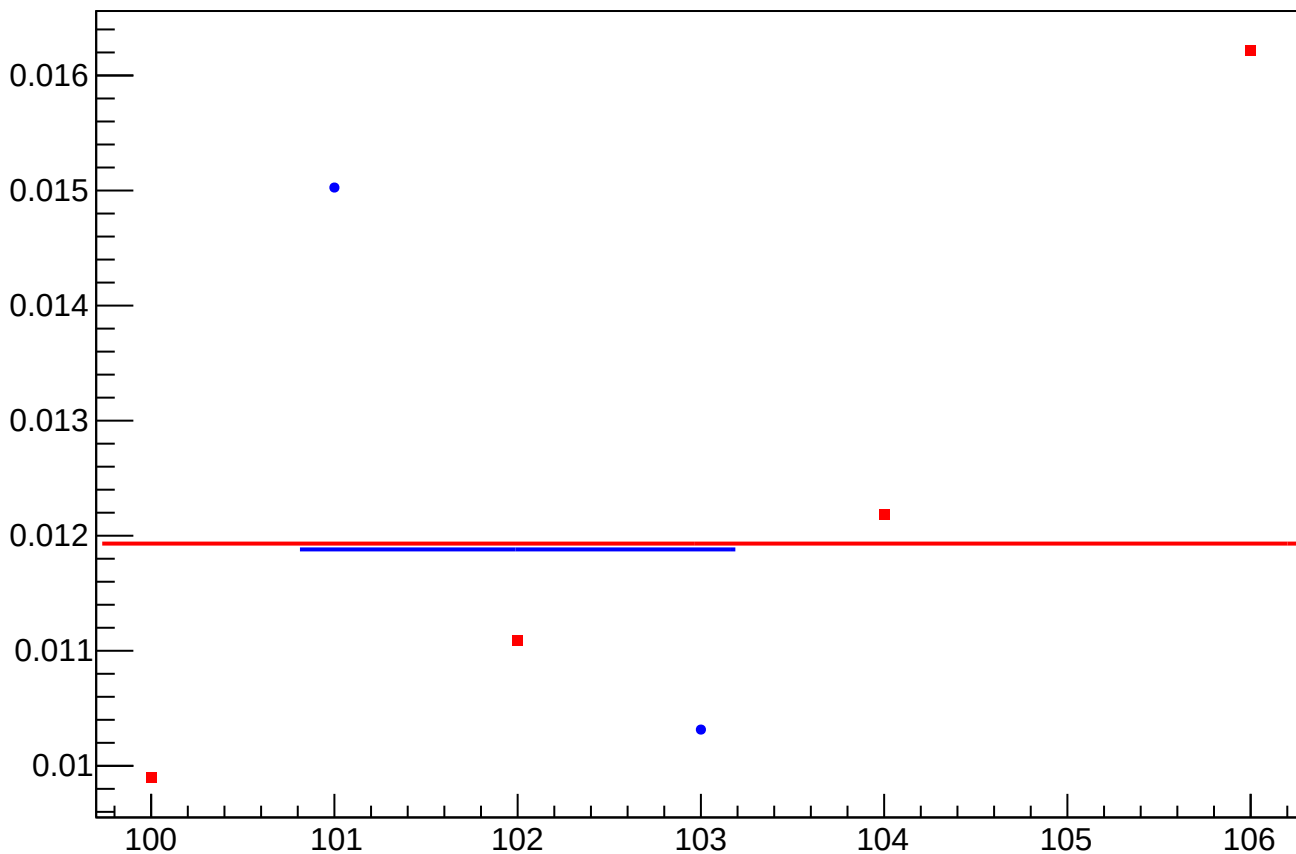
Right: 0.427+/-0.000 χ^2/NDF : 947437703.3/5

In: 0.426+/-0.000 χ^2/NDF : 388135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.427+/-0.000 χ^2/NDF : 947437703.3/5

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 76235.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 53157.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

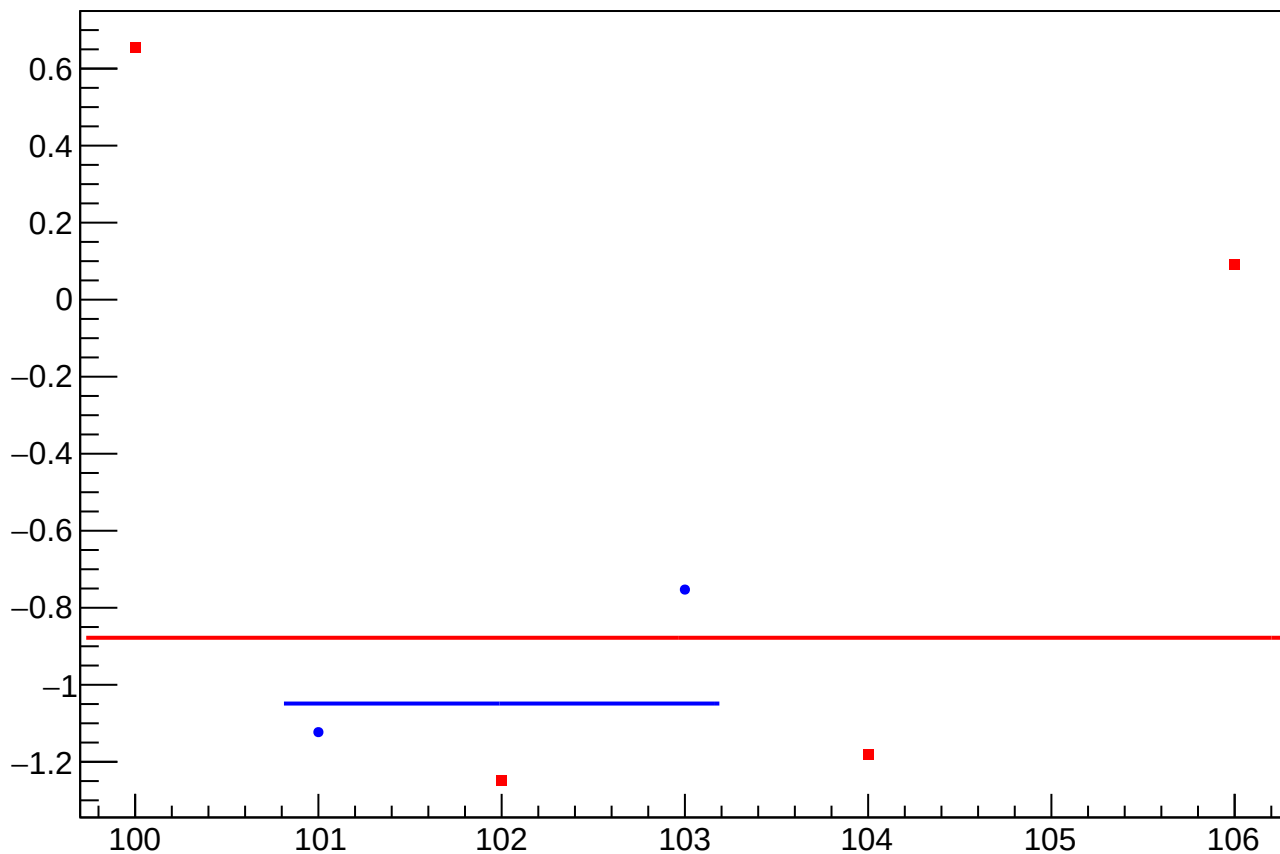
Right: 0.012+/-0.000 χ^2/NDF : 129414.9/5

In: 0.012+/-0.000 χ^2/NDF : 76235.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 129414.9/5

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -1.049+/-0.000 χ^2/NDF : 15048415.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.878+/-0.000 χ^2/NDF : 196339389.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

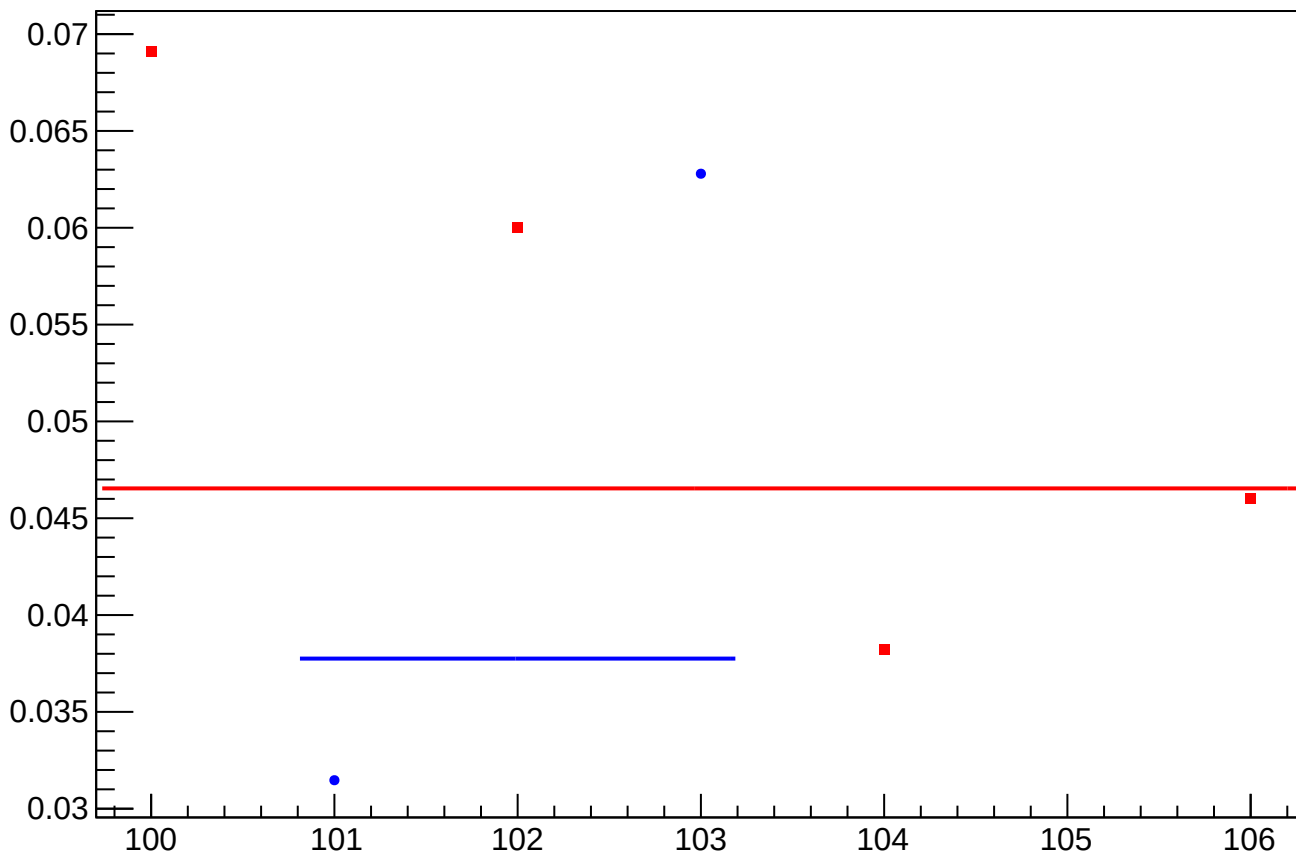
Right: -0.971+/-0.000 χ^2/NDF : 220445255.1/5

In: -1.049+/-0.000 χ^2/NDF : 15048415.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.971+/-0.000 χ^2/NDF : 220445255.1/5

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 215467.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 109655.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

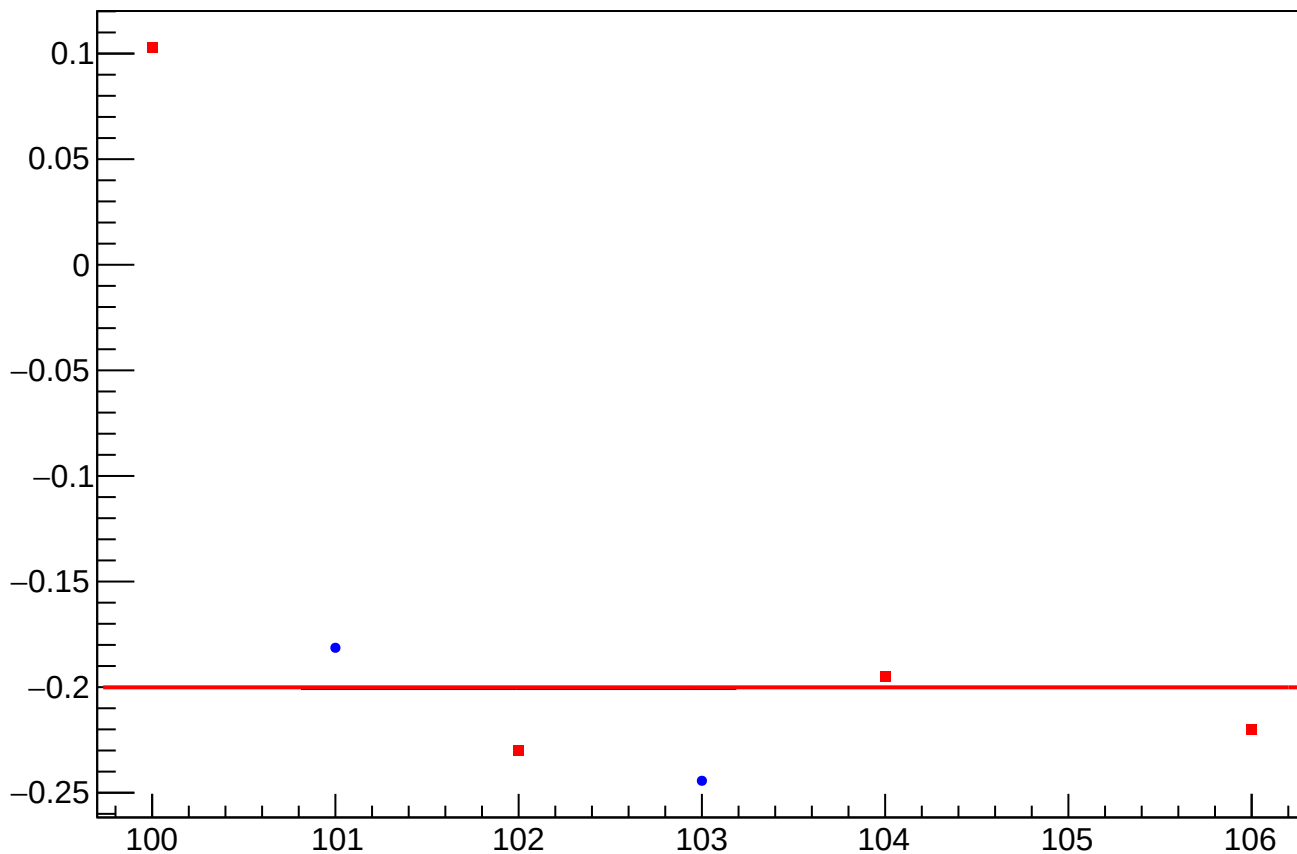
Right: 0.042+/-0.000 χ^2/NDF : 373086.6/5

In: 0.038+/-0.000 χ^2/NDF : 215467.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 373086.6/5

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.200+/-0.000 χ^2/NDF : 29550336.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.200+/-0.000 χ^2/NDF : 135162203.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

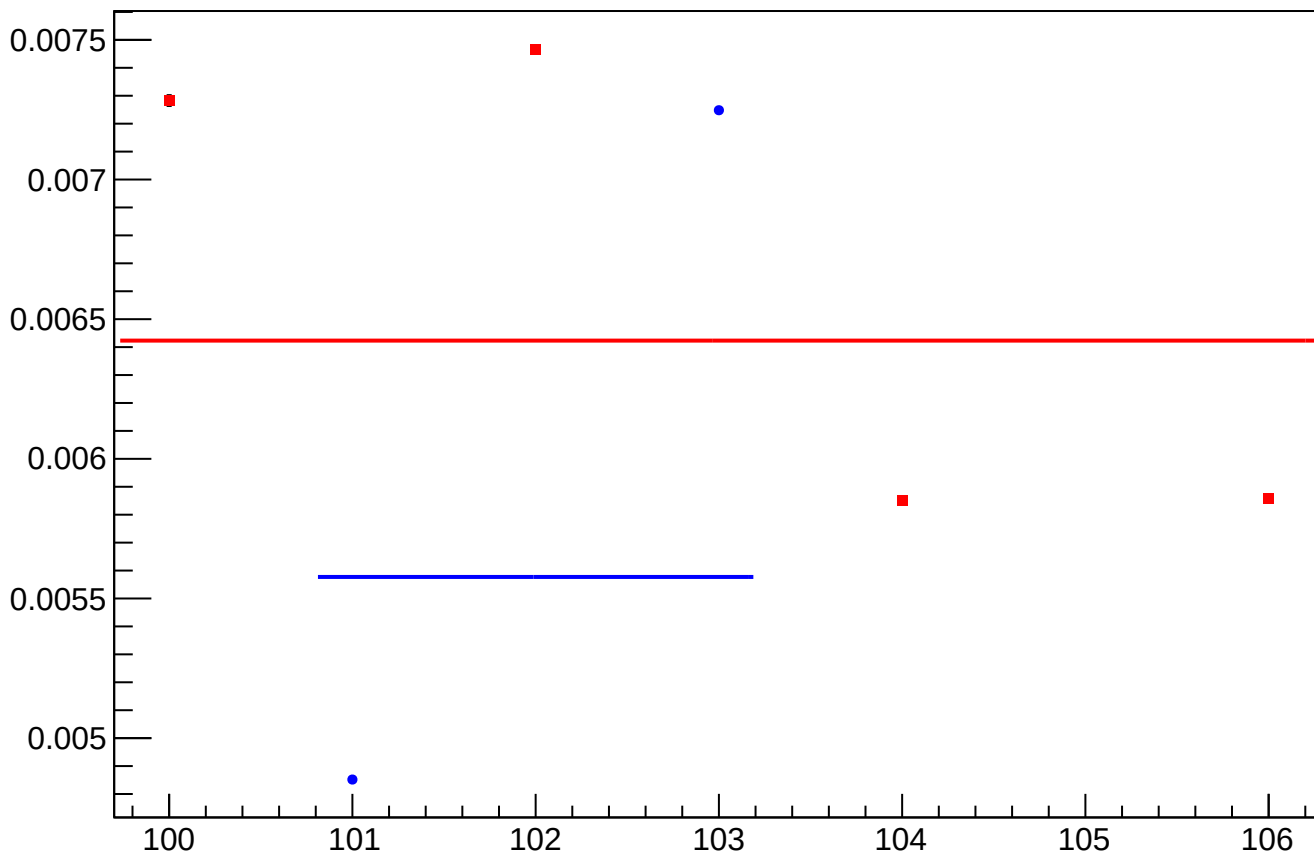
Right: -0.200+/-0.000 χ^2/NDF : 164714433.5/5

In: -0.200+/-0.000 χ^2/NDF : 29550336.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.200+/-0.000 χ^2/NDF : 164714433.5/5

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 85571.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 39178.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

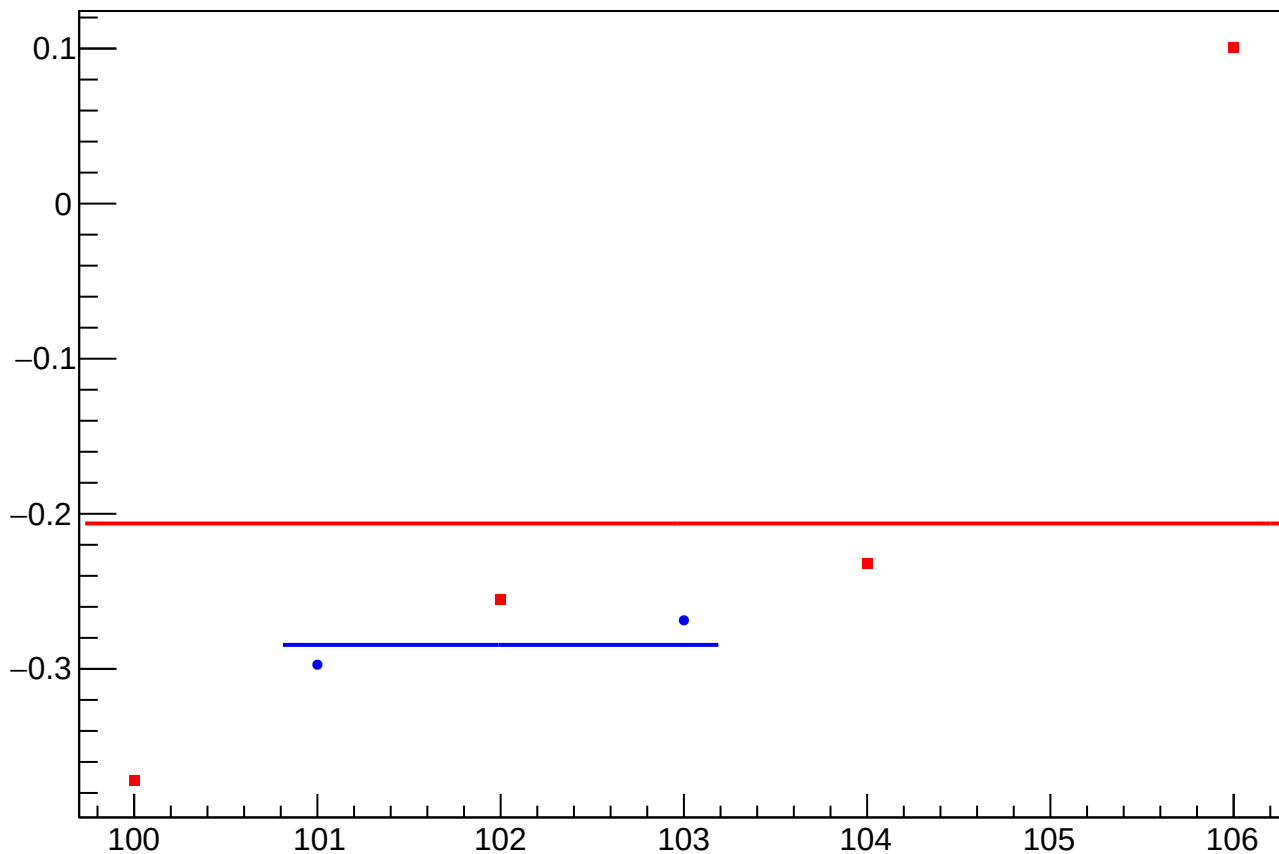
Right: 0.006+/-0.000 χ^2/NDF : 149386.5/5

In: 0.006+/-0.000 χ^2/NDF : 85571.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 149386.5/5

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.285+/-0.000 χ^2/NDF : 4295816.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.206+/-0.000 χ^2/NDF : 353336248.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

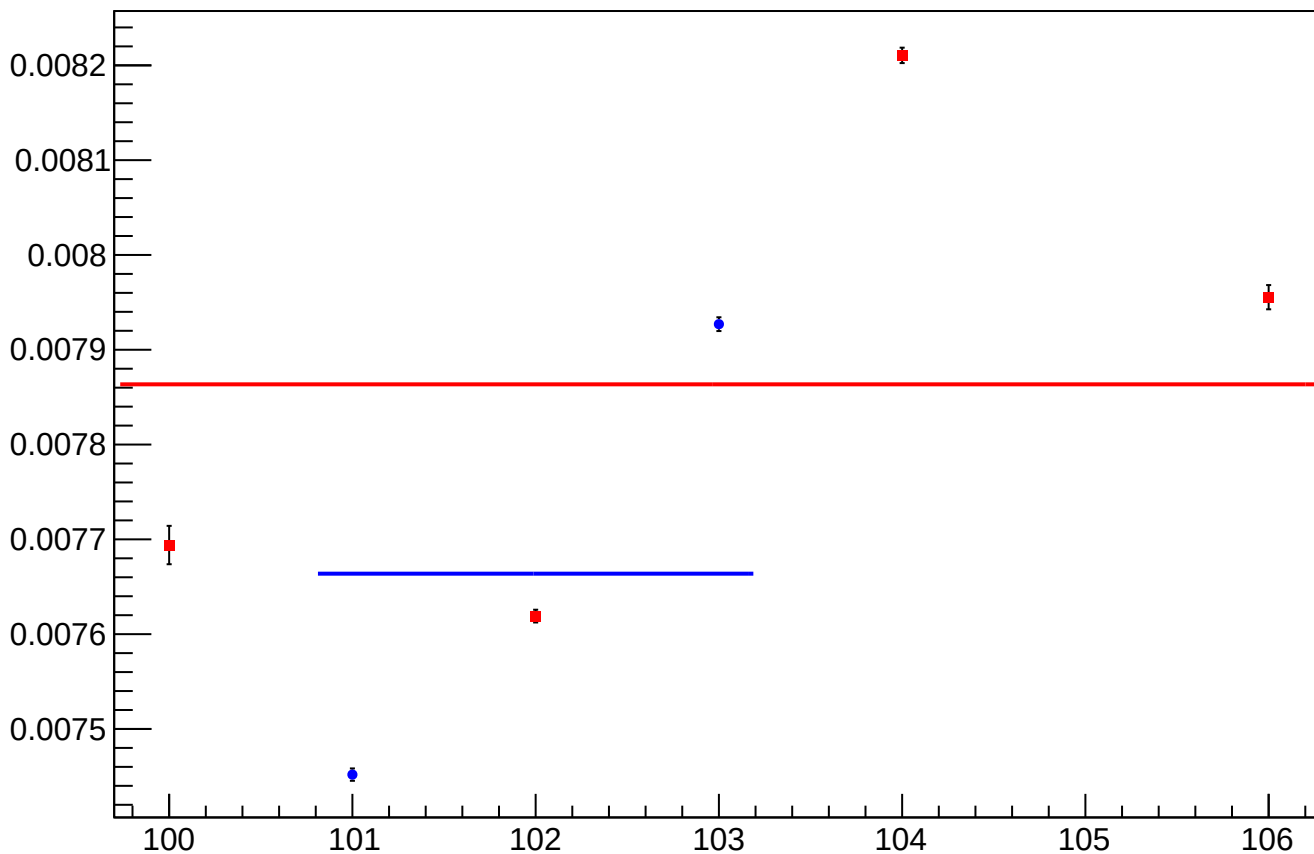
Right: -0.244+/-0.000 χ^2/NDF : 425133138.3/5

In: -0.285+/-0.000 χ^2/NDF : 4295816.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.244+/-0.000 χ^2/NDF : 425133138.3/5

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2368.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 3266.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

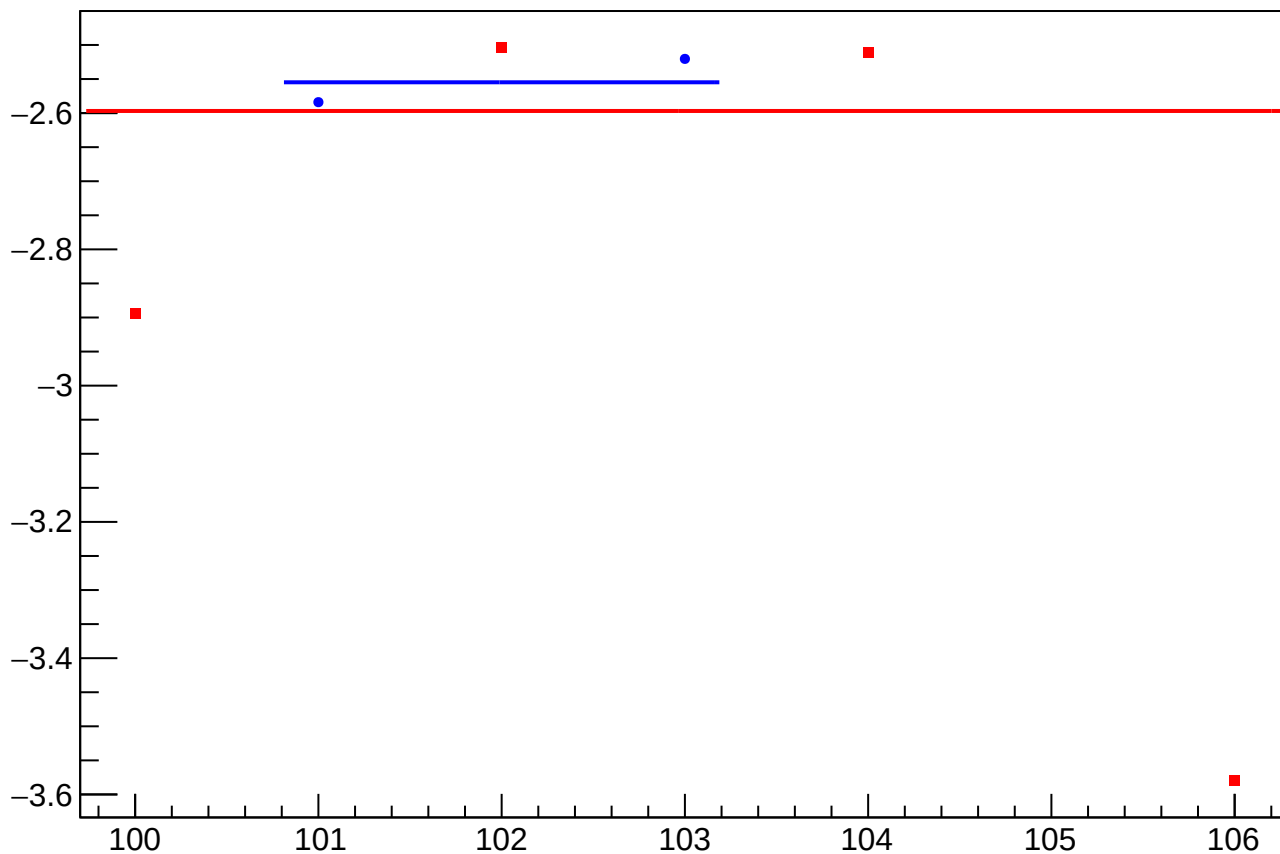
Right: 0.008+/-0.000 χ^2/NDF : 6513.6/5

In: 0.008+/-0.000 χ^2/NDF : 2368.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 6513.6/5

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.555+/-0.000 χ^2/NDF : 24607960.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.597+/-0.000 χ^2/NDF : 1859000015.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

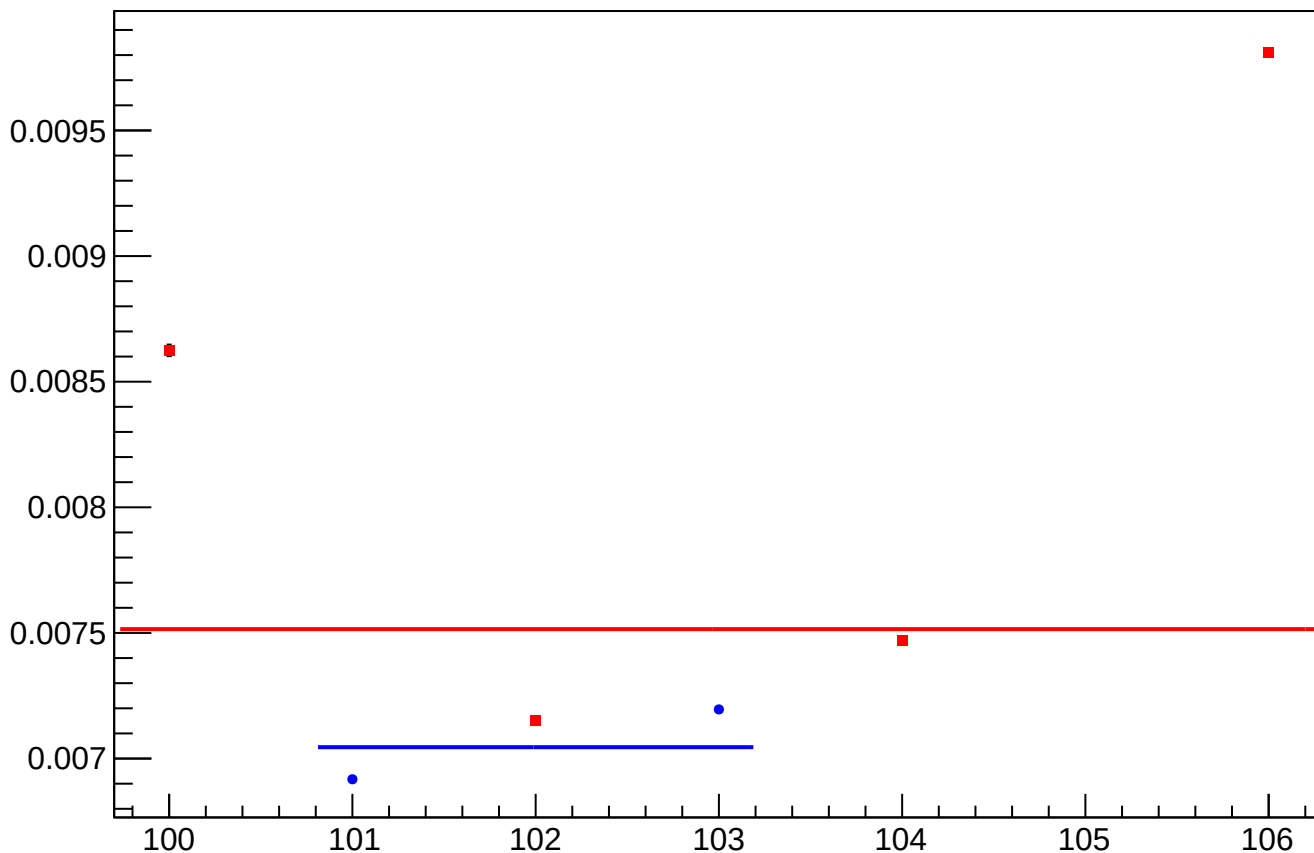
Right: -2.576+/-0.000 χ^2/NDF : 1905083149.6/5

In: -2.555+/-0.000 χ^2/NDF : 24607960.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.576+/-0.000 χ^2/NDF : 1905083149.6/5

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 942.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 23118.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

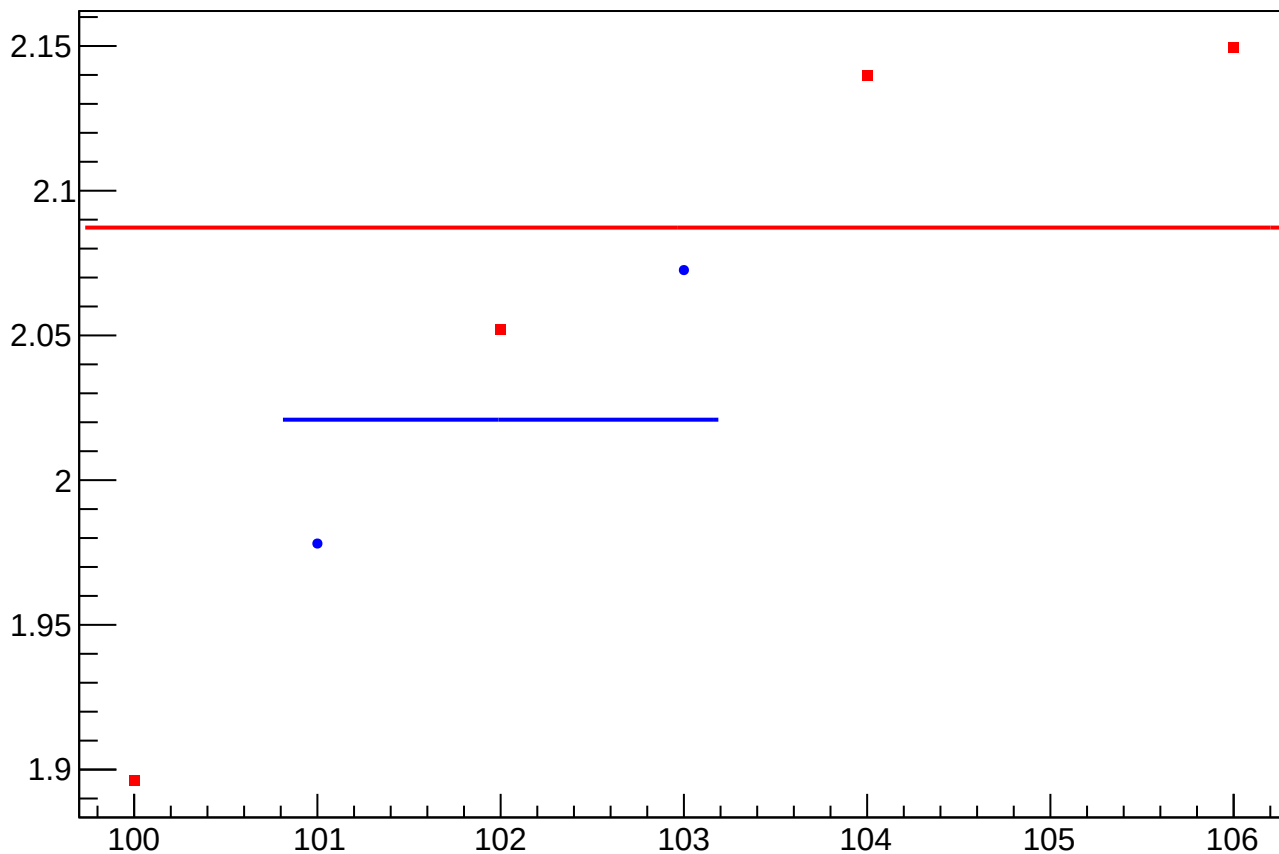
Right: 0.007+/-0.000 χ^2/NDF : 29414.2/5

In: 0.007+/-0.000 χ^2/NDF : 942.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 29414.2/5

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 2.021+/-0.000 χ^2/NDF : 15963252.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.087+/-0.000 χ^2/NDF : 30093068.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

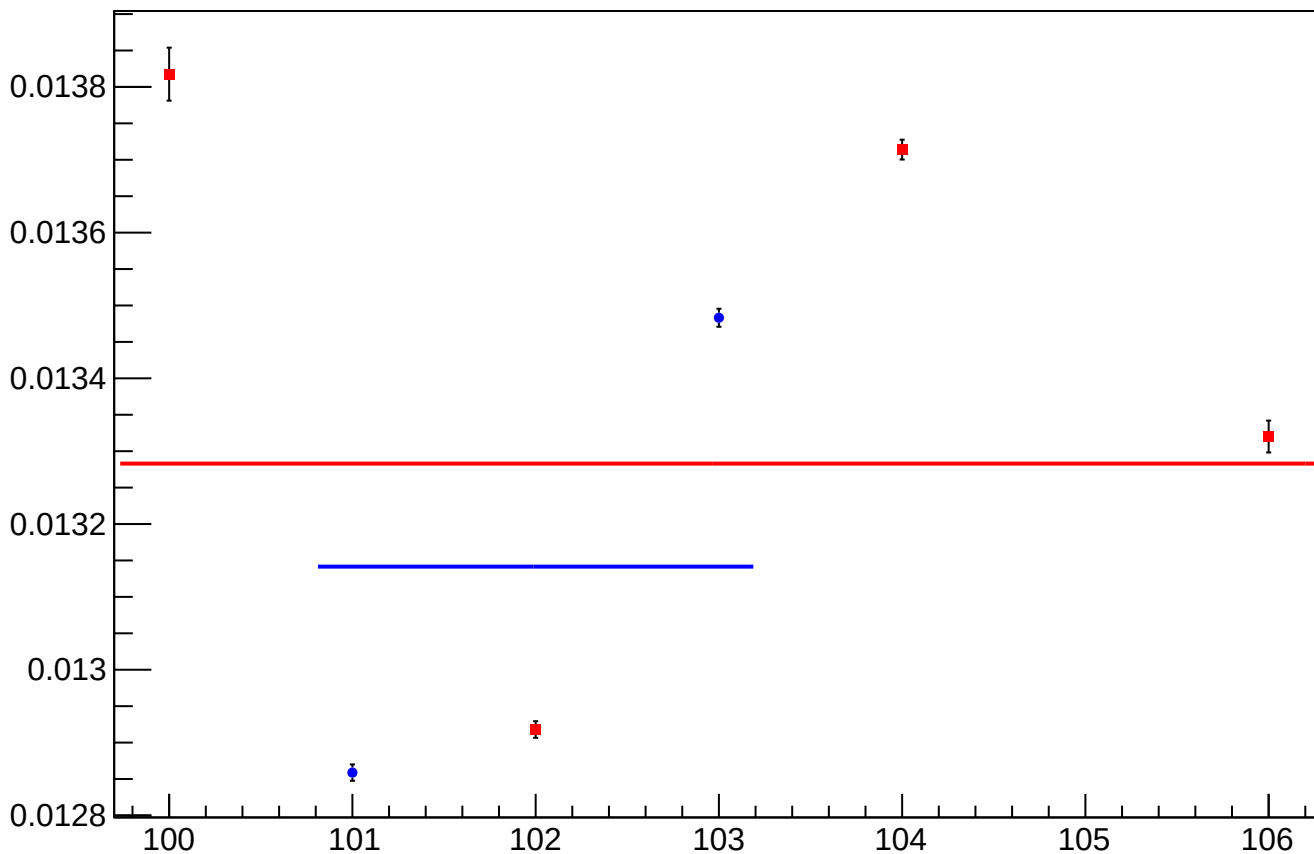
Right: 2.056+/-0.000 χ^2/NDF : 62750076.2/5

In: 2.021+/-0.000 χ^2/NDF : 15963252.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.056+/-0.000 χ^2/NDF : 62750076.2/5

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1394.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 2249.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

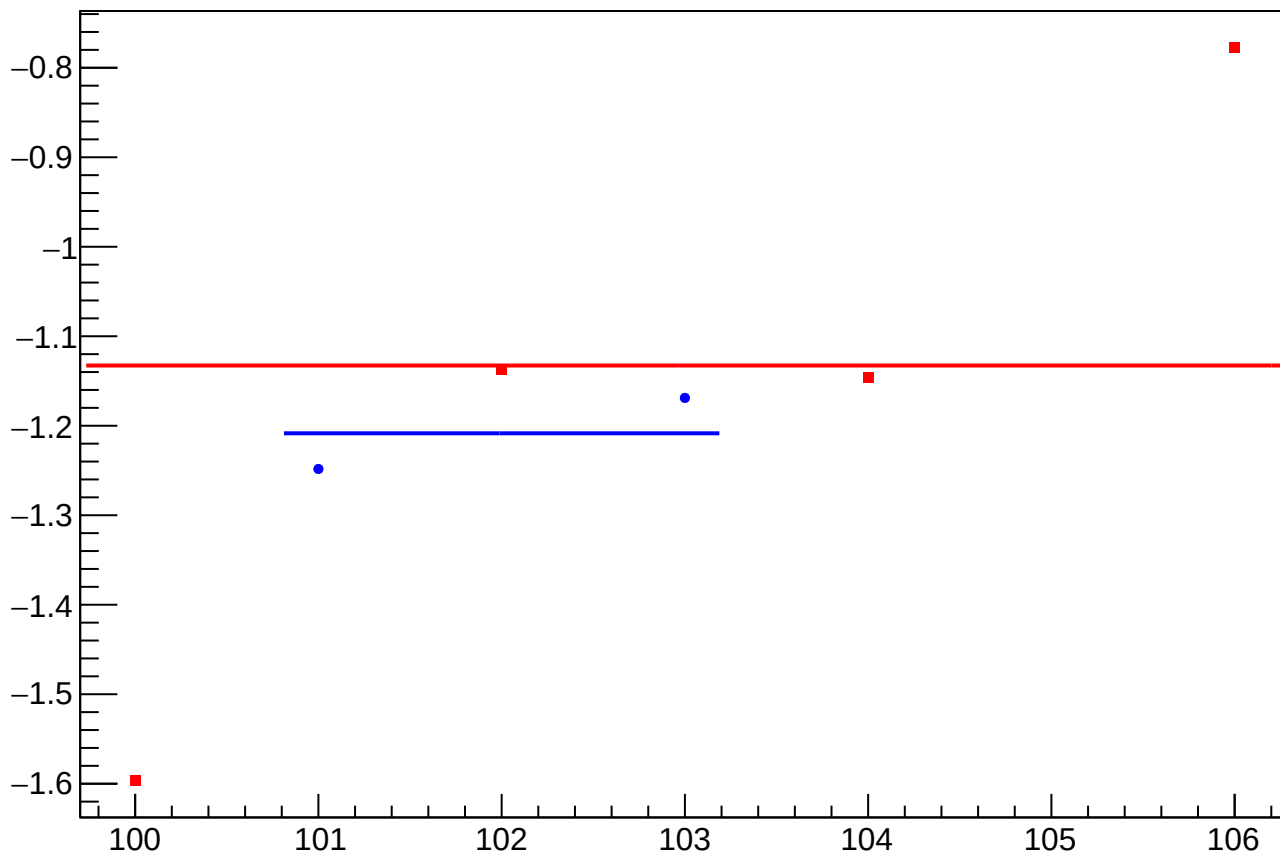
Right: 0.013+/-0.000 χ^2/NDF : 3794.9/5

In: 0.013+/-0.000 χ^2/NDF : 1394.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 3794.9/5

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.208+/-0.000 χ^2/NDF : 35858190.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.133+/-0.000 χ^2/NDF : 321617781.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

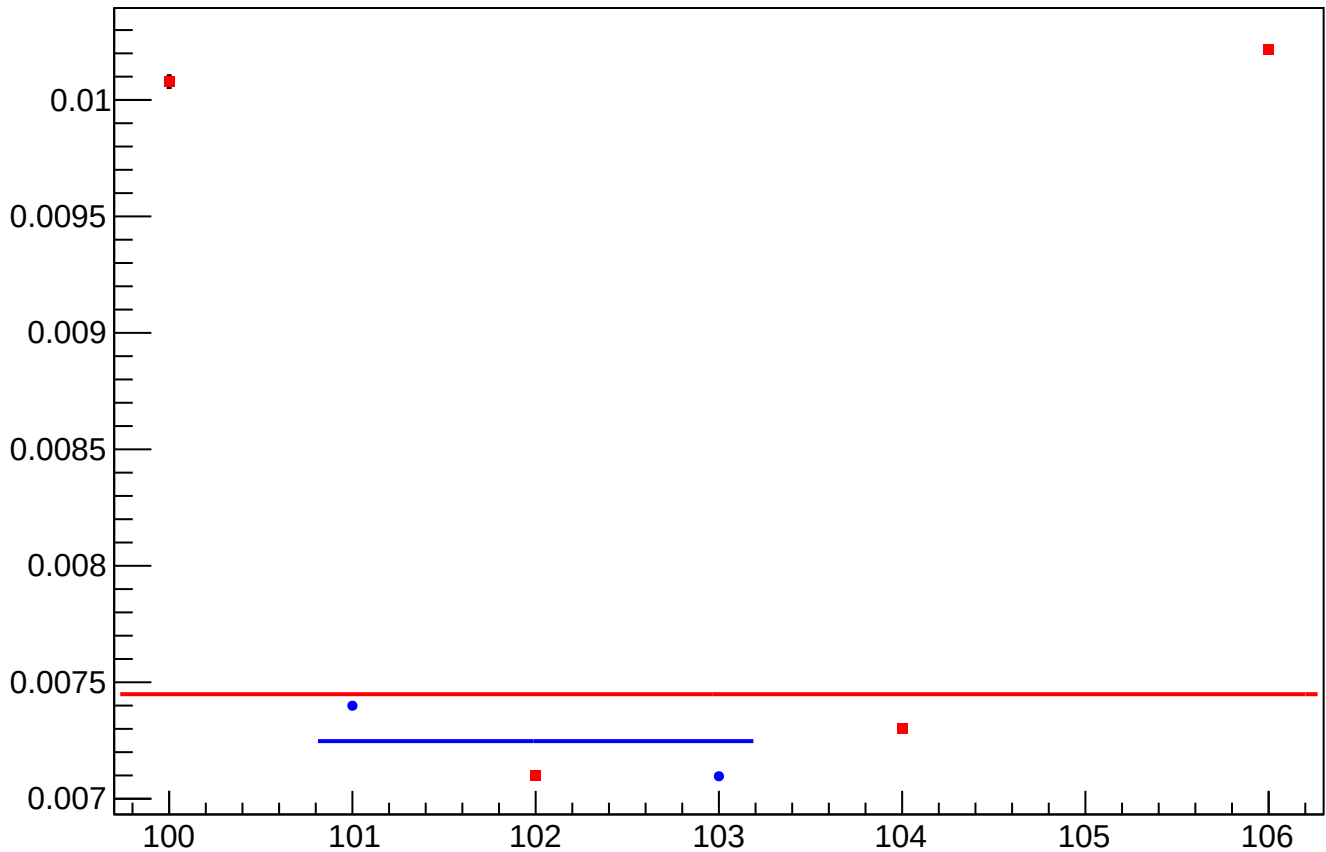
Right: -1.170+/-0.000 χ^2/NDF : 423897922.4/5

In: -1.208+/-0.000 χ^2/NDF : 35858190.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.170+/-0.000 χ^2/NDF : 423897922.4/5

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1043.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 33942.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

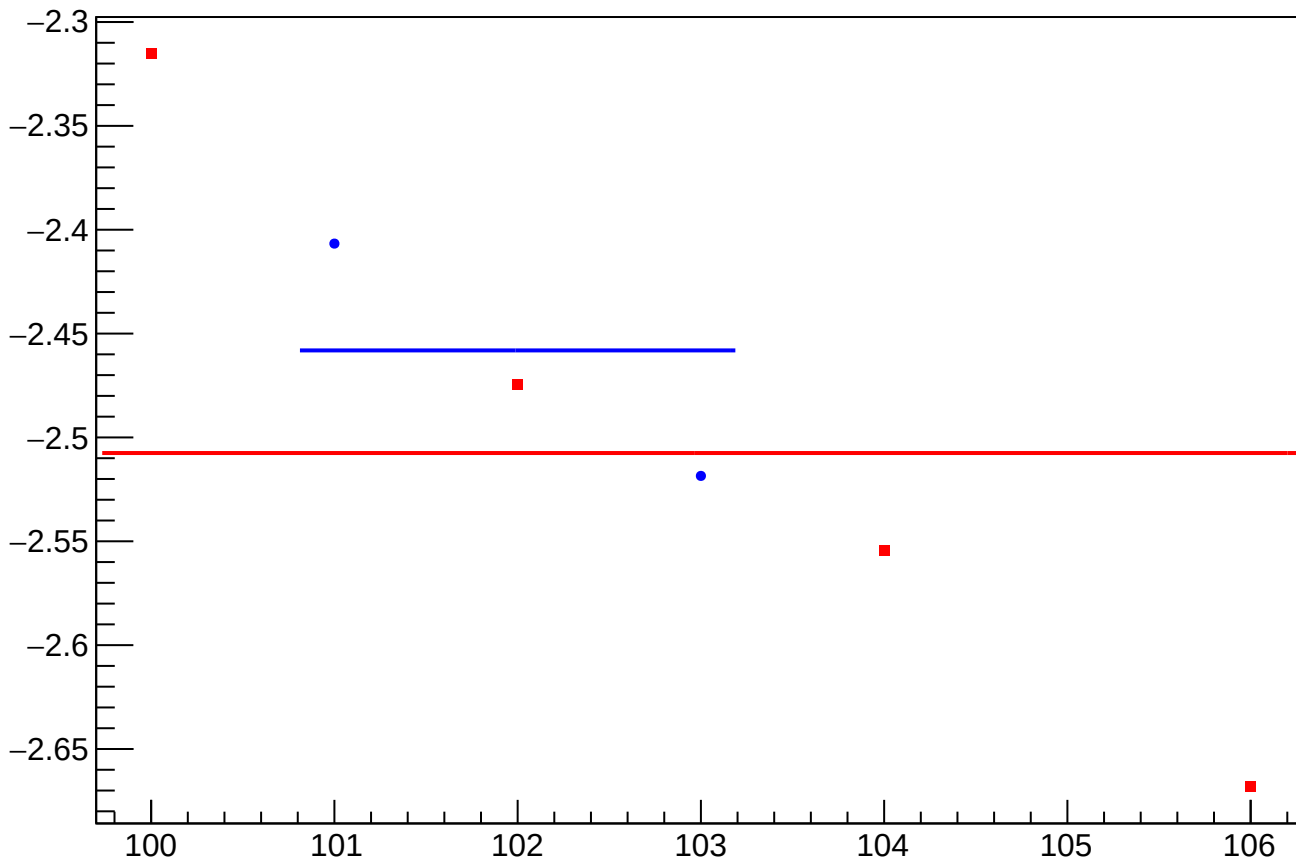
Right: 0.007+/-0.000 χ^2/NDF : 35925.9/5

In: 0.007+/-0.000 χ^2/NDF : 1043.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 35925.9/5

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.458+/-0.000 χ^2/NDF : 138147654.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.508+/-0.000 χ^2/NDF : 197176713.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

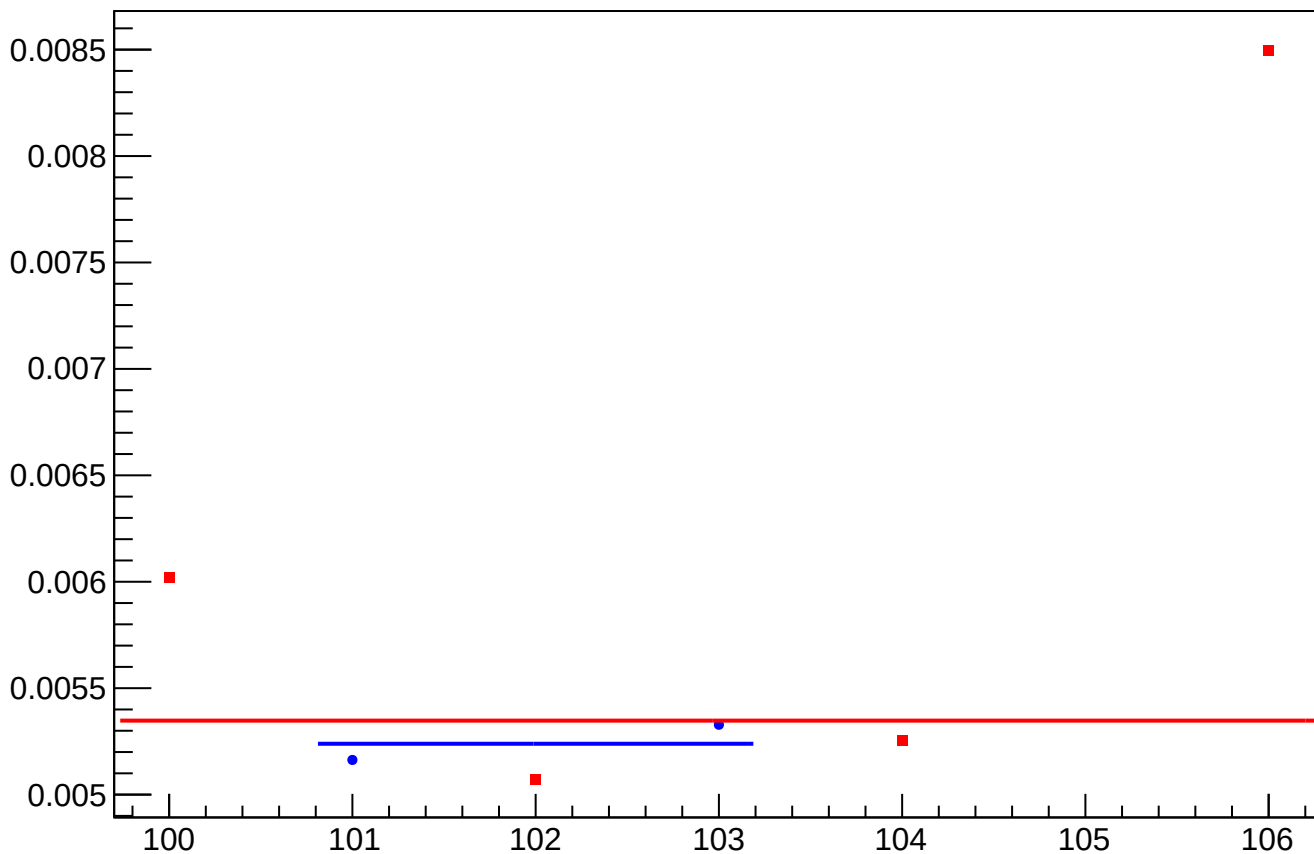
Right: -2.483+/-0.000 χ^2/NDF : 390876807.4/5

In: -2.458+/-0.000 χ^2/NDF : 138147654.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.483+/-0.000 χ^2/NDF : 390876807.4/5

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 603.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 51646.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

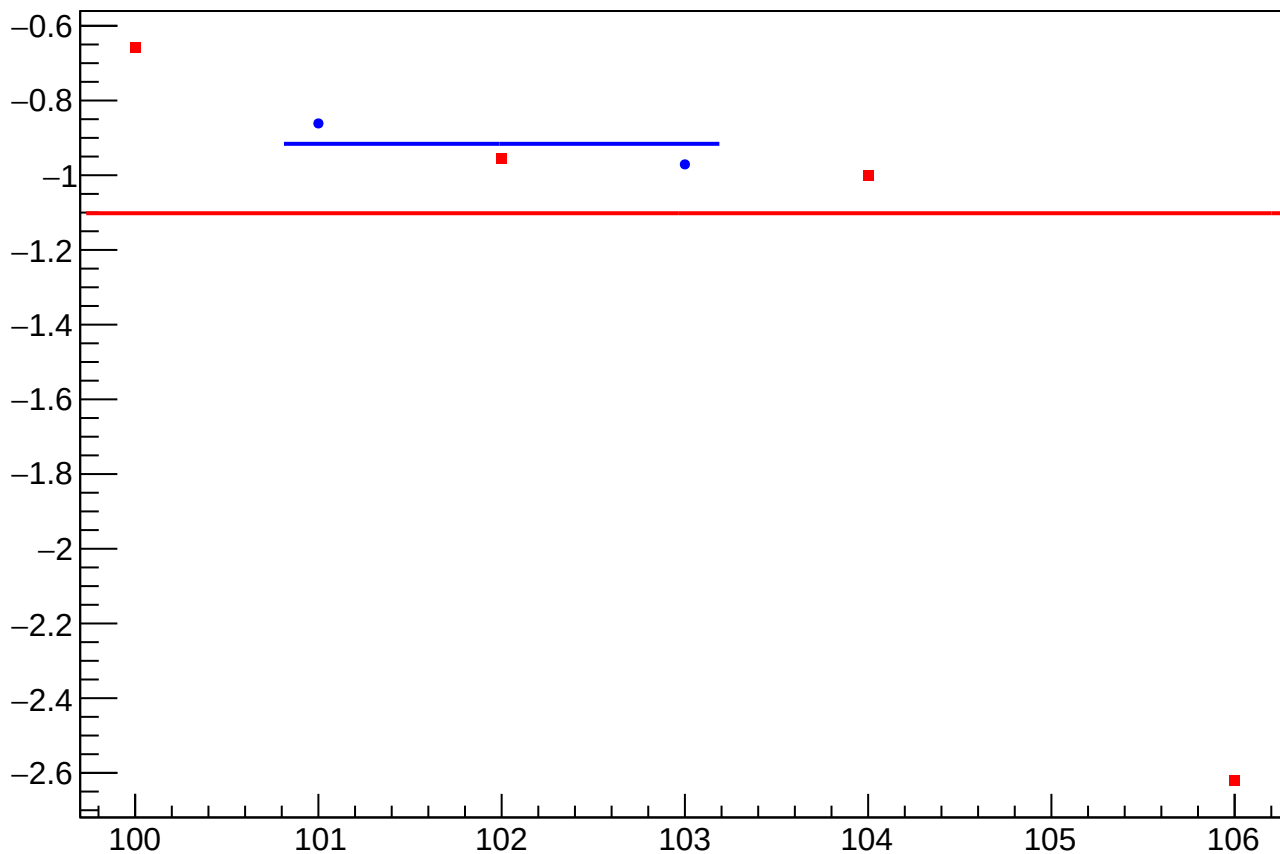
Right: 0.005+/-0.000 χ^2/NDF : 52787.9/5

In: 0.005+/-0.000 χ^2/NDF : 603.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 52787.9/5

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -0.916+/-0.000 χ^2/NDF : 129175569.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.102+/-0.000 χ^2/NDF : 10830465306.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

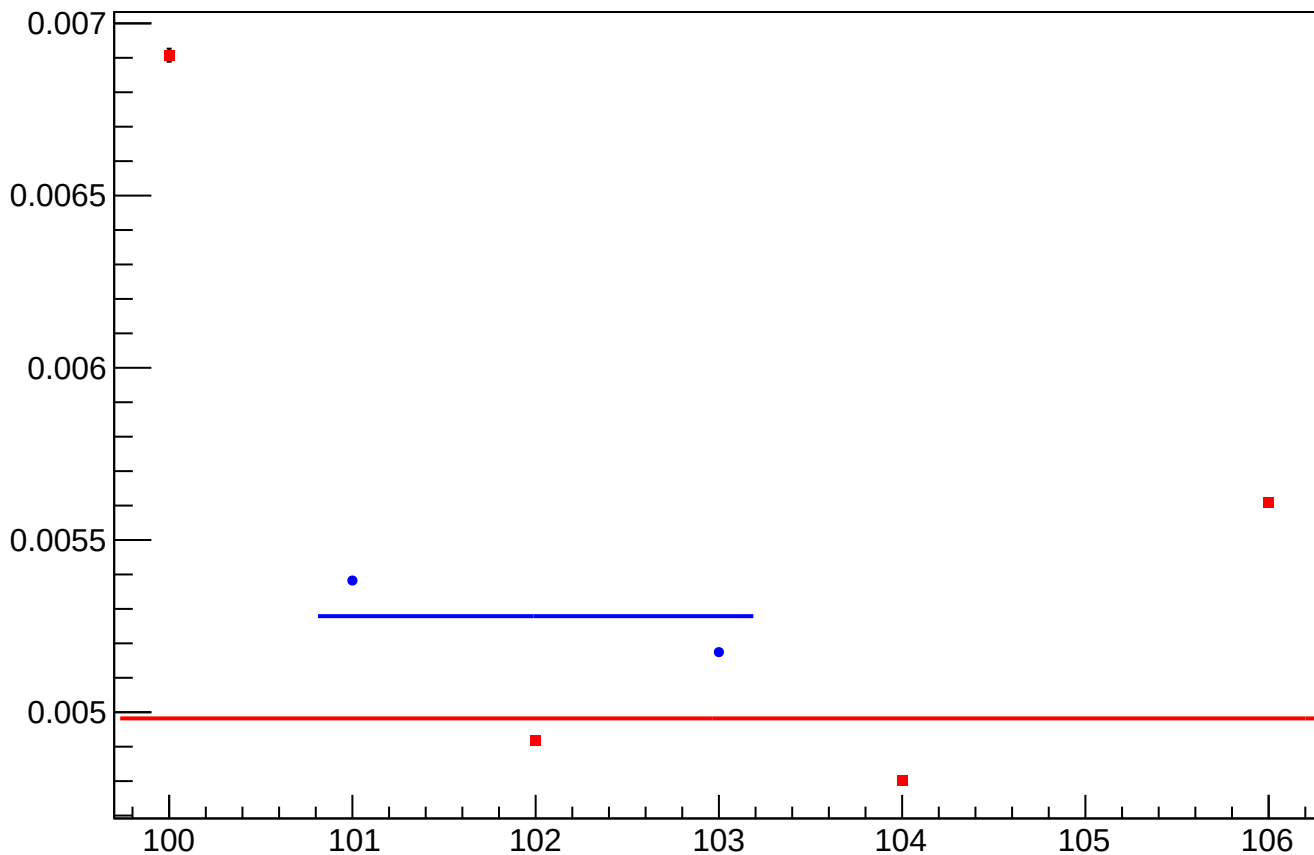
Right: -1.017+/-0.000 χ^2/NDF : 11770347750.5/5

In: -0.916+/-0.000 χ^2/NDF :129175569.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.017+/-0.000 χ^2/NDF : 11770347750.5/5

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 930.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 15230.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

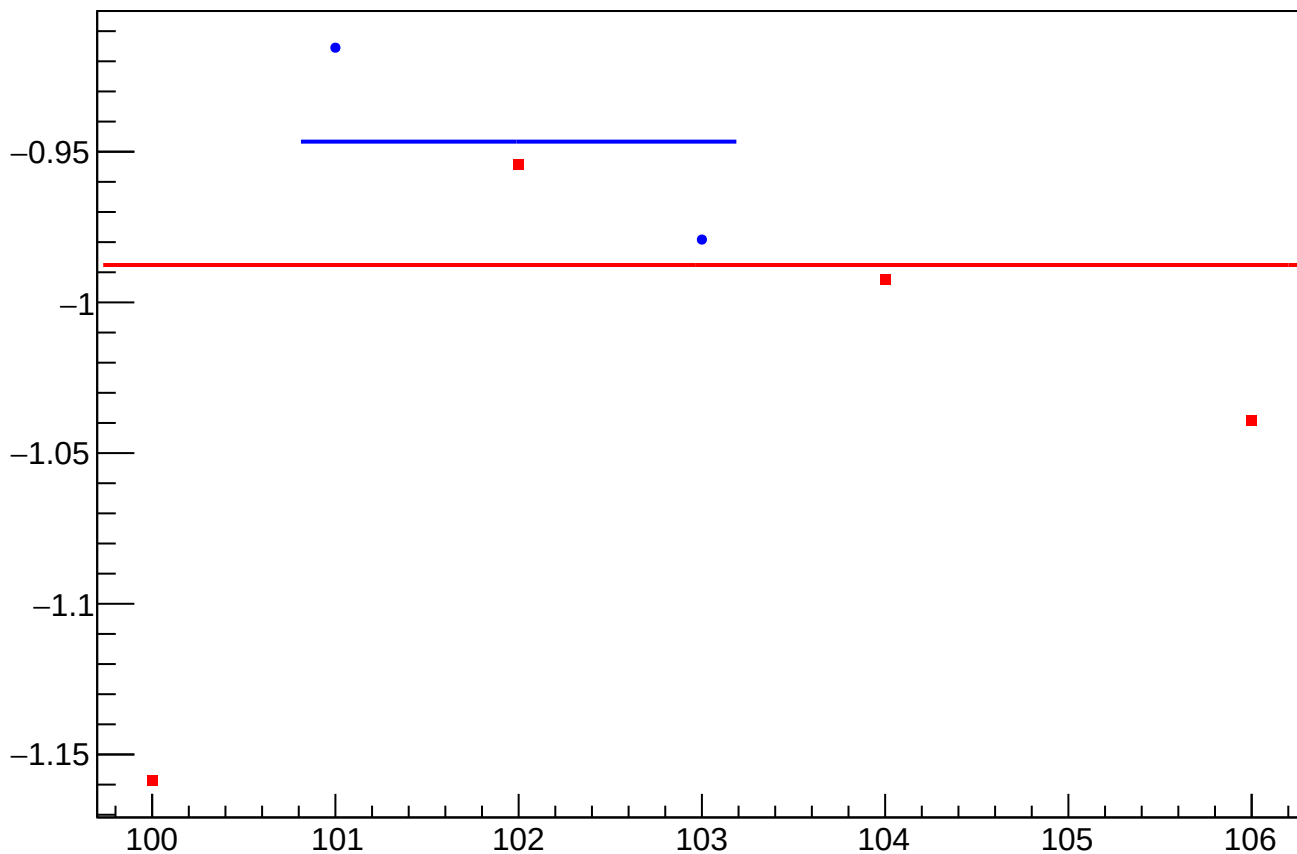
Right: 0.005+/-0.000 χ^2/NDF : 20296.8/5

In: 0.005+/-0.000 χ^2/NDF : 930.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 20296.8/5

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.947+/-0.000 χ^2/NDF : 65094779.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.988+/-0.000 χ^2/NDF : 165391461.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

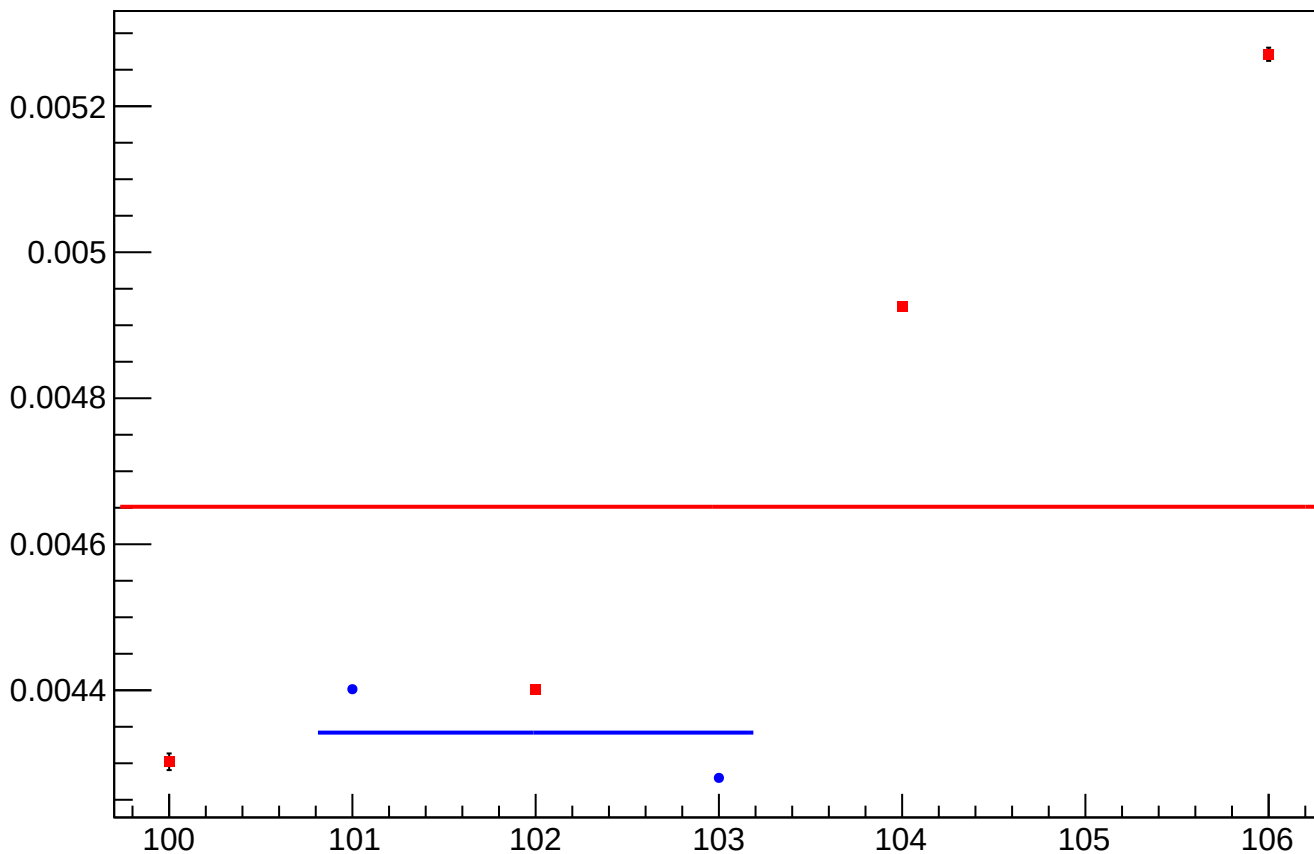
Right: -0.967+/-0.000 χ^2/NDF : 283785125.7/5

In: -0.947+/-0.000 χ^2/NDF :65094779.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.967+/-0.000 χ^2/NDF : 283785125.7/5

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 474.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 12810.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

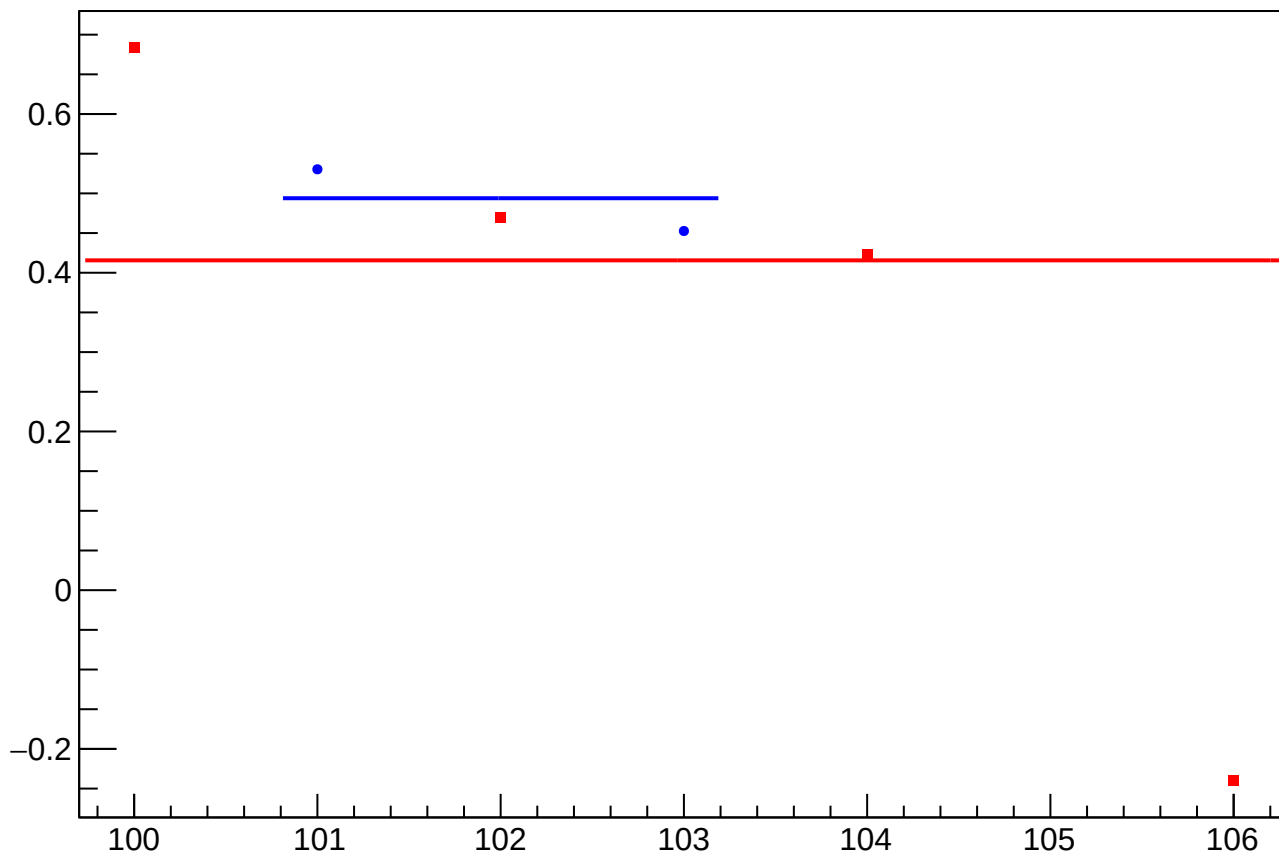
Right: 0.004+/-0.000 χ^2/NDF : 19372.0/5

In: 0.004+/-0.000 χ^2/NDF : 474.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 19372.0/5

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.494+/-0.000 χ^2/NDF : 138224657.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.416+/-0.000 χ^2/NDF : 3347193547.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

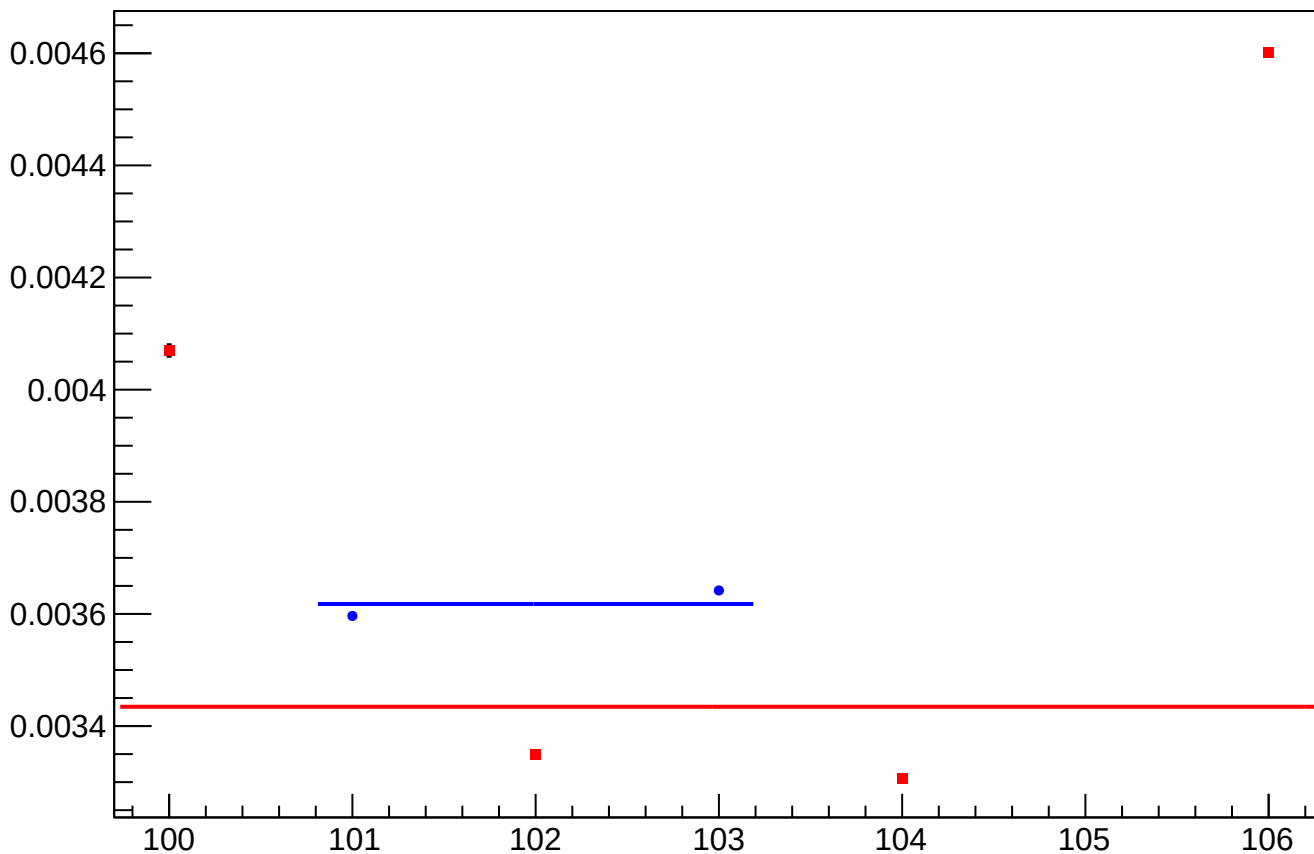
Right: 0.451+/-0.000 χ^2/NDF : 3793029121.7/5

In: 0.494+/-0.000 χ^2/NDF : 138224657.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.451+/-0.000 χ^2/NDF : 3793029121.7/5

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 94.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 23851.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

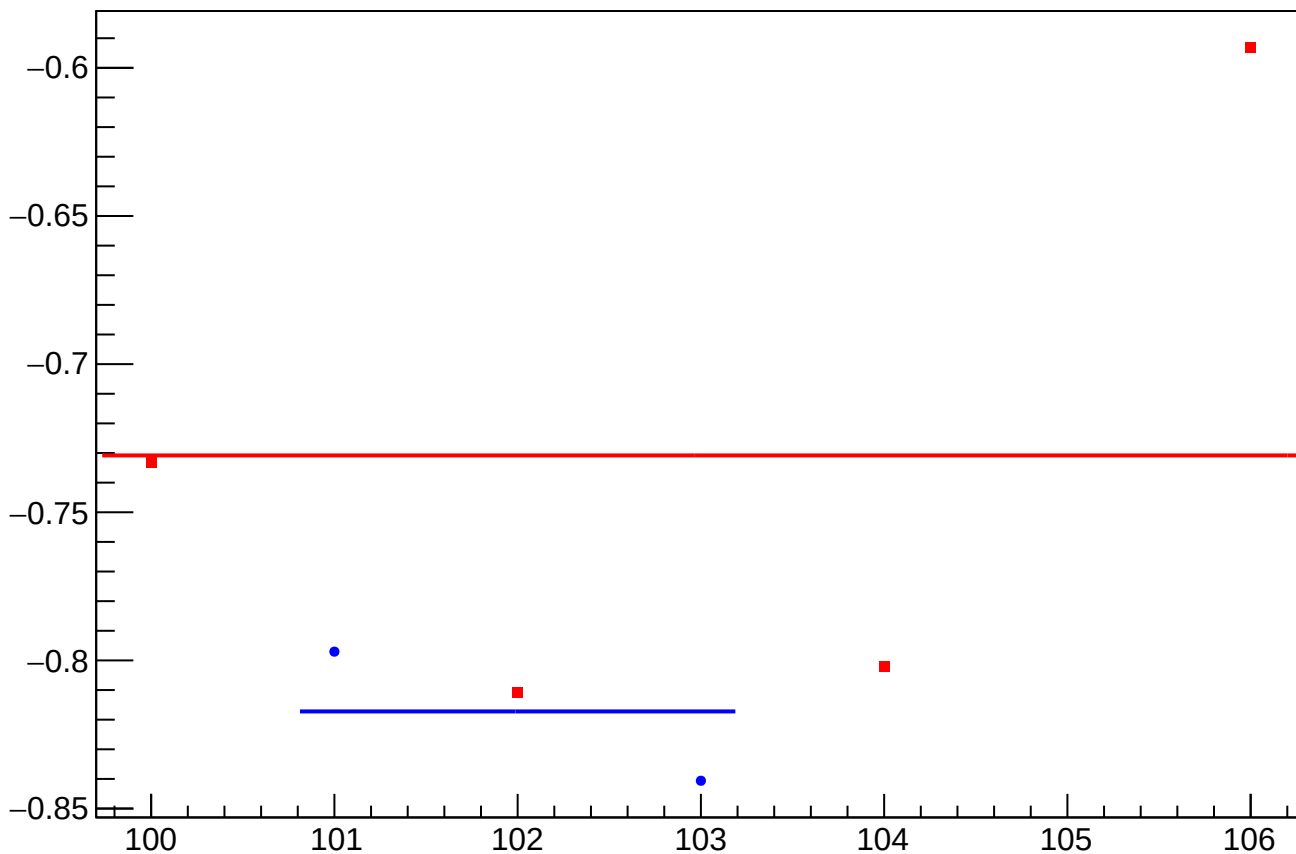
Right: 0.004+/-0.000 χ^2/NDF : 27319.0/5

In: 0.004+/-0.000 χ^2/NDF : 94.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 27319.0/5

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.817 $\pm$ 0.000 χ^2 /NDF: 4061850.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.731 $\pm$ 0.000 χ^2 /NDF: 125758076.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

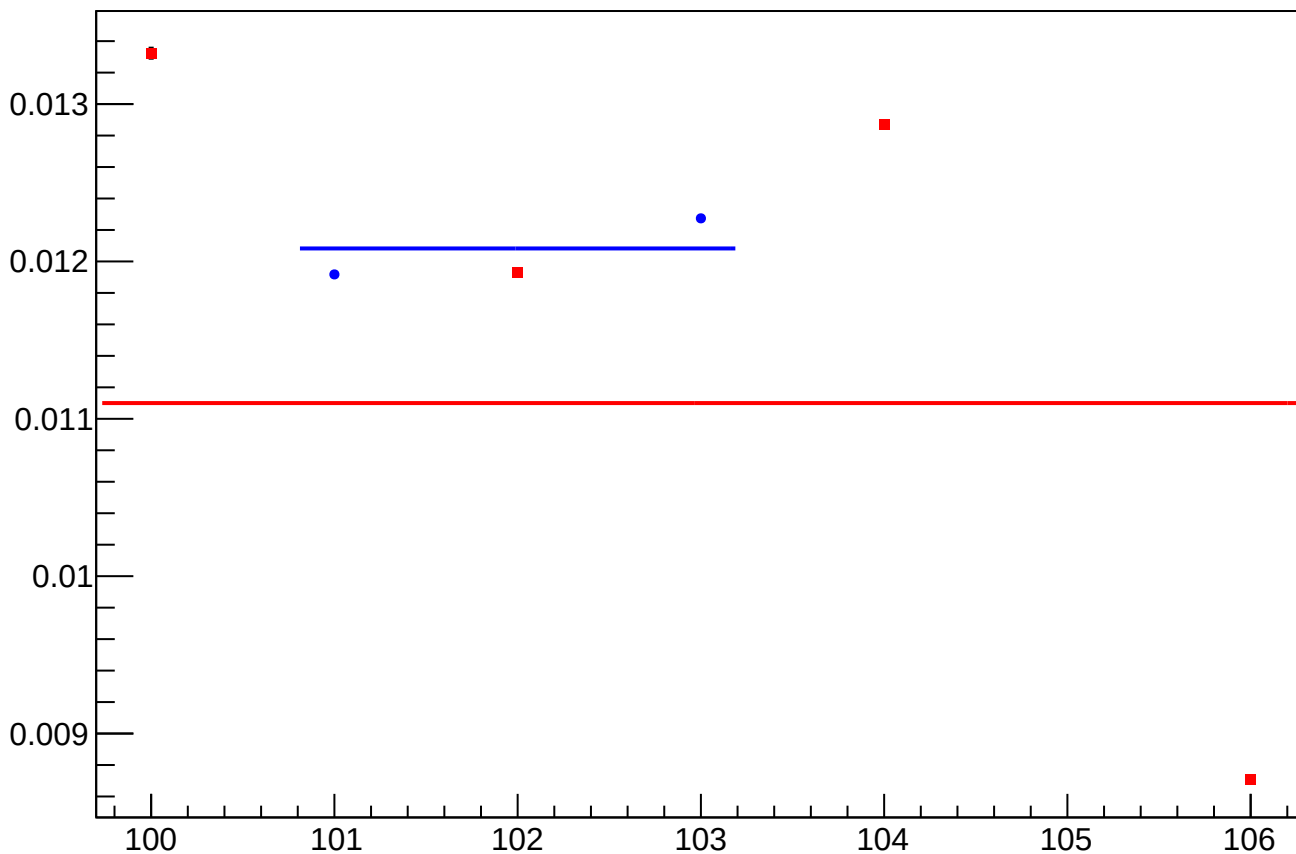
Right: -0.766 $\pm$ 0.000 χ^2 /NDF: 167692867.8/5

In: -0.817 $\pm$ 0.000 χ^2 /NDF:4061850.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.766 $\pm$ 0.000 χ^2 /NDF: 167692867.8/5

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 543.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 78589.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

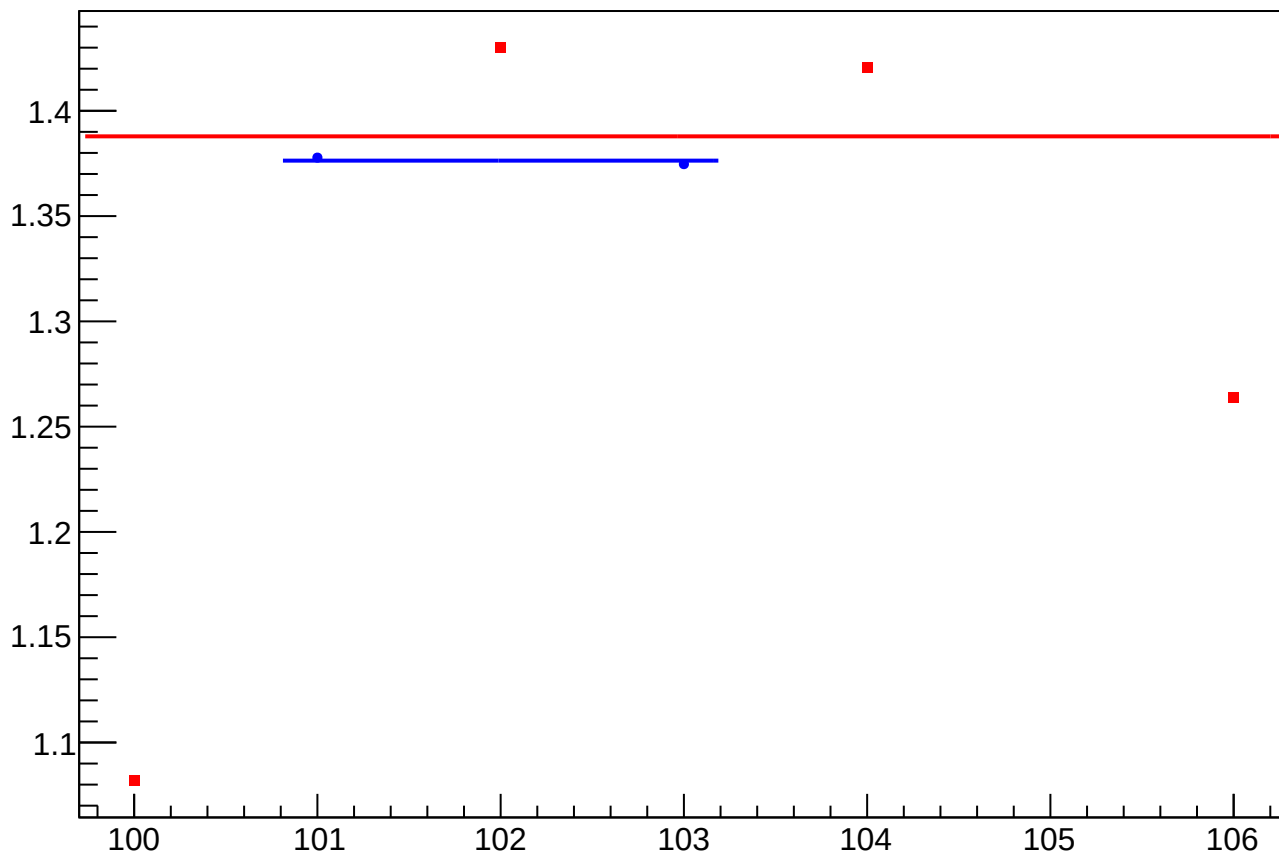
Right: 0.012+/-0.000 χ^2/NDF : 88926.0/5

In: 0.012+/-0.000 χ^2/NDF : 543.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 88926.0/5

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.376+/-0.000 χ^2/NDF : 85831.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.388+/-0.000 χ^2/NDF : 276549365.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

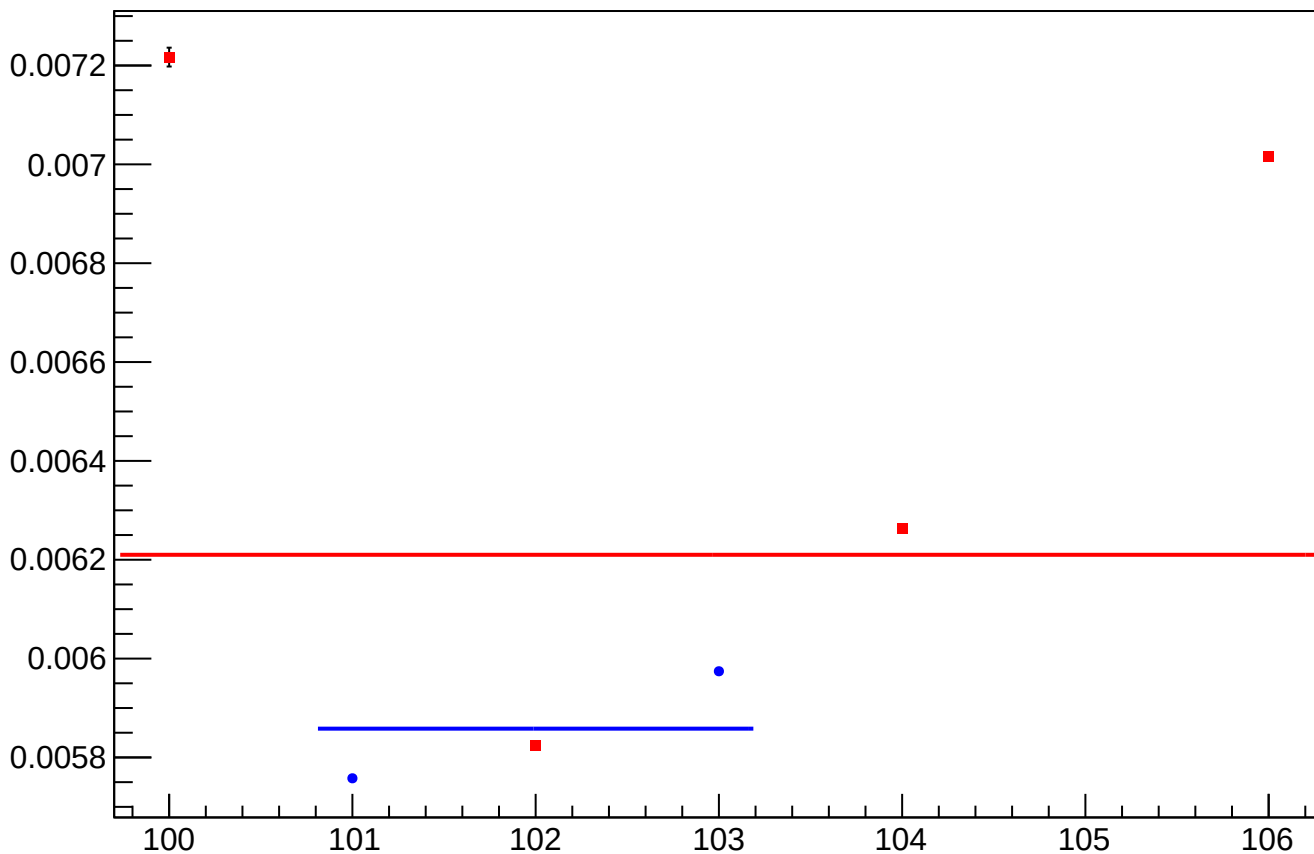
Right: 1.382+/-0.000 χ^2/NDF : 279162342.6/5

In: 1.376+/-0.000 χ^2/NDF : 85831.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.382+/-0.000 χ^2/NDF : 279162342.6/5

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 845.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 16970.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

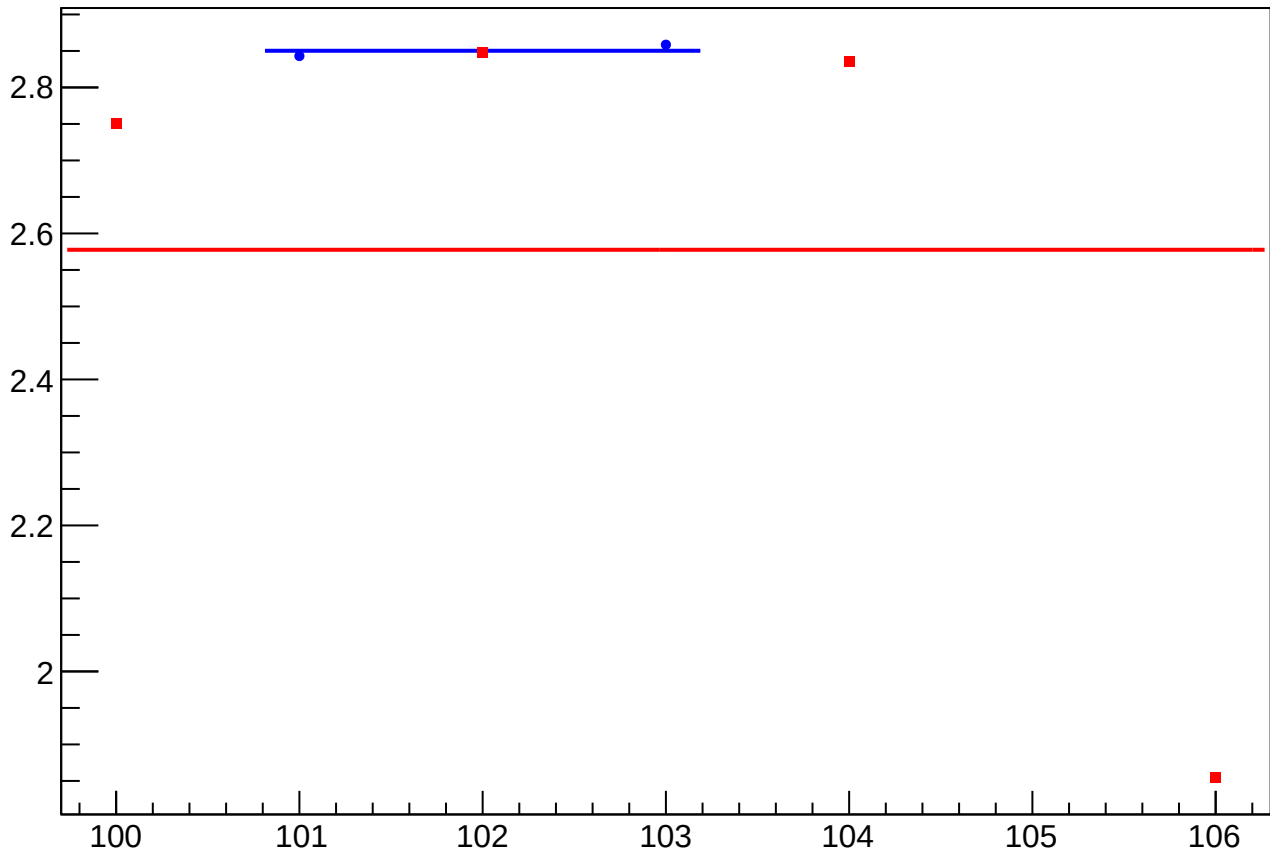
Right: 0.006+/-0.000 χ^2/NDF : 22518.6/5

In: 0.006+/-0.000 χ^2/NDF : 845.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 22518.6/5

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.850+/-0.000 χ^2/NDF : 1159947.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.578+/-0.000 χ^2/NDF : 4577436715.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

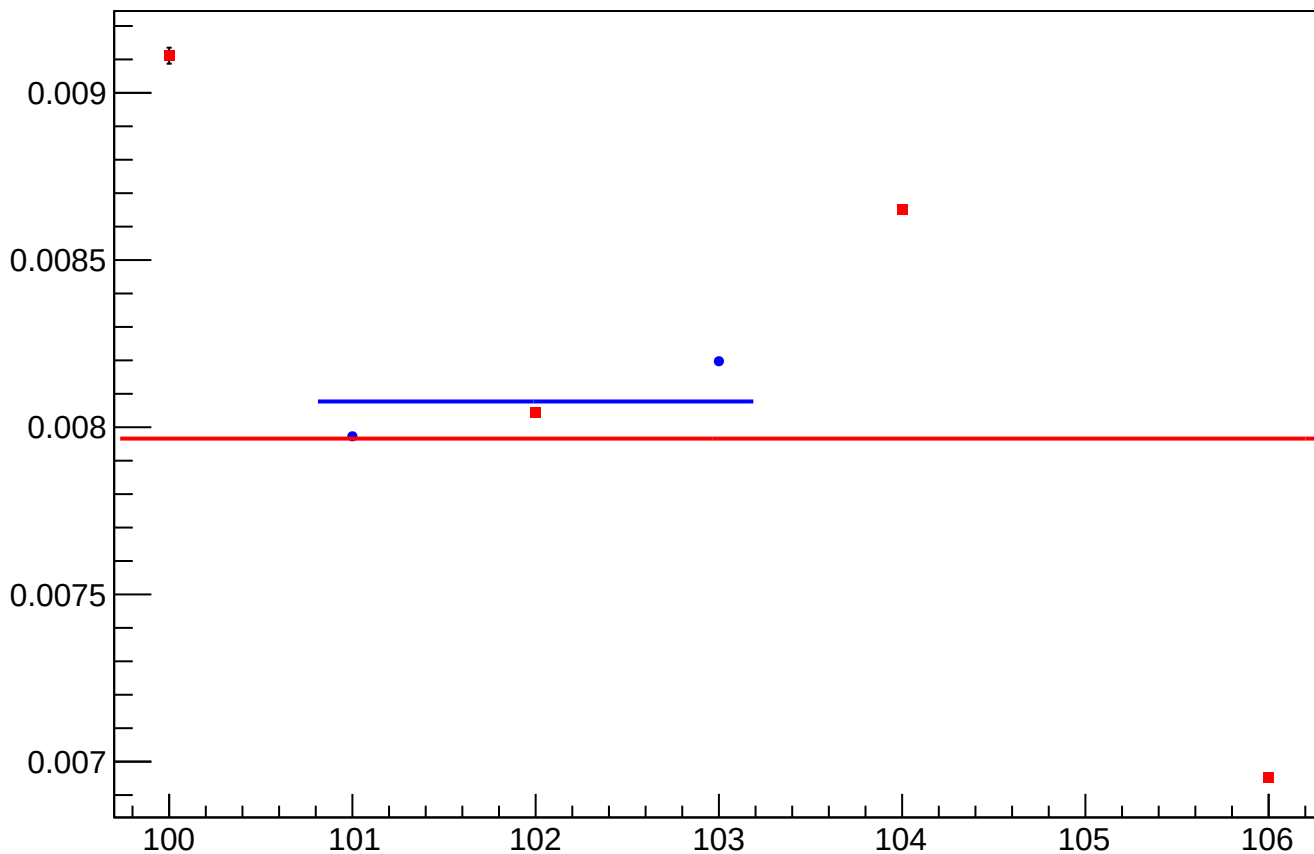
Right: 2.698+/-0.000 χ^2/NDF : 5376335578.5/5

In: 2.850+/-0.000 χ^2/NDF : 1159947.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.698+/-0.000 χ^2/NDF : 5376335578.5/5

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 483.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 22114.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

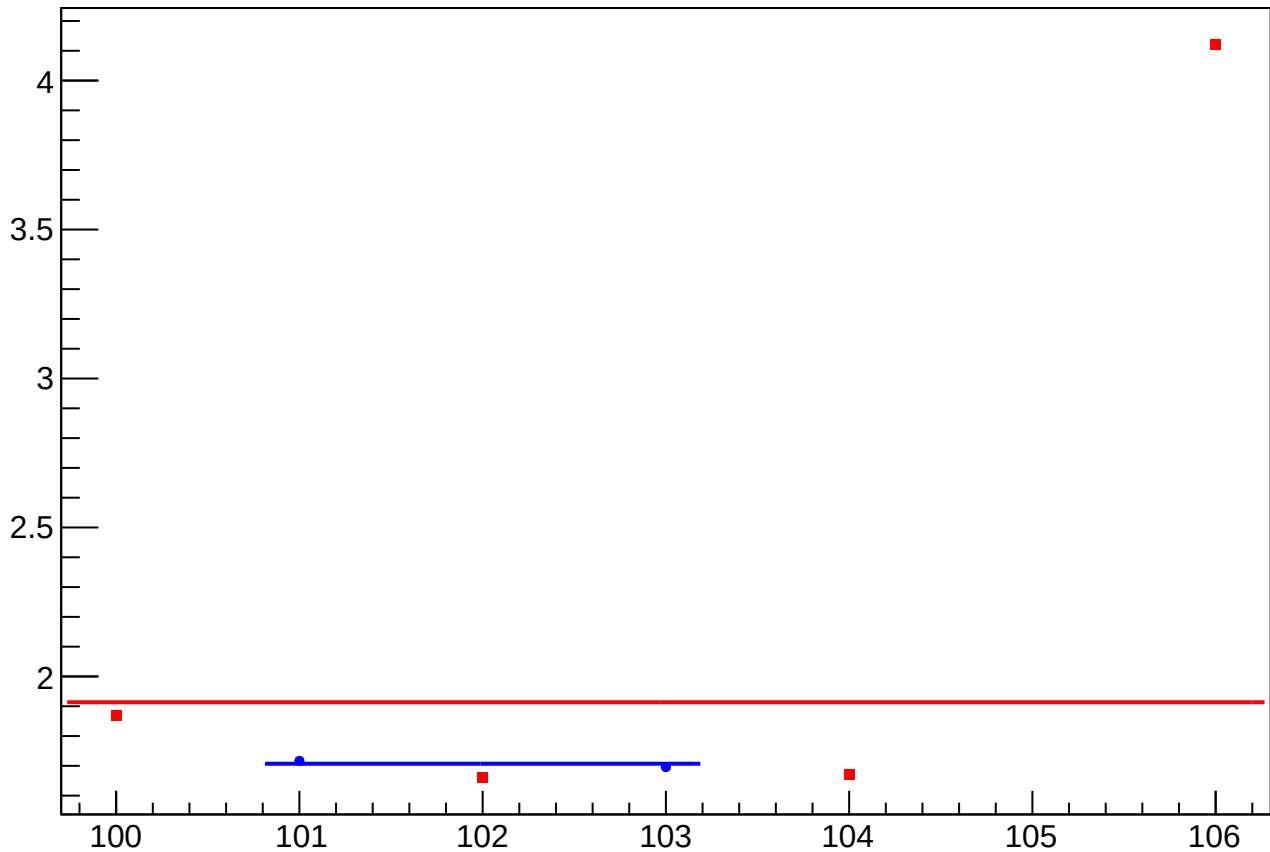
Right: 0.008+/-0.000 χ^2/NDF : 22861.8/5

In: 0.008+/-0.000 χ^2/NDF :483.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 22861.8/5

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 1.707+/-0.000 χ^2/NDF : 4780886.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.913+/-0.000 χ^2/NDF : 26187364618.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

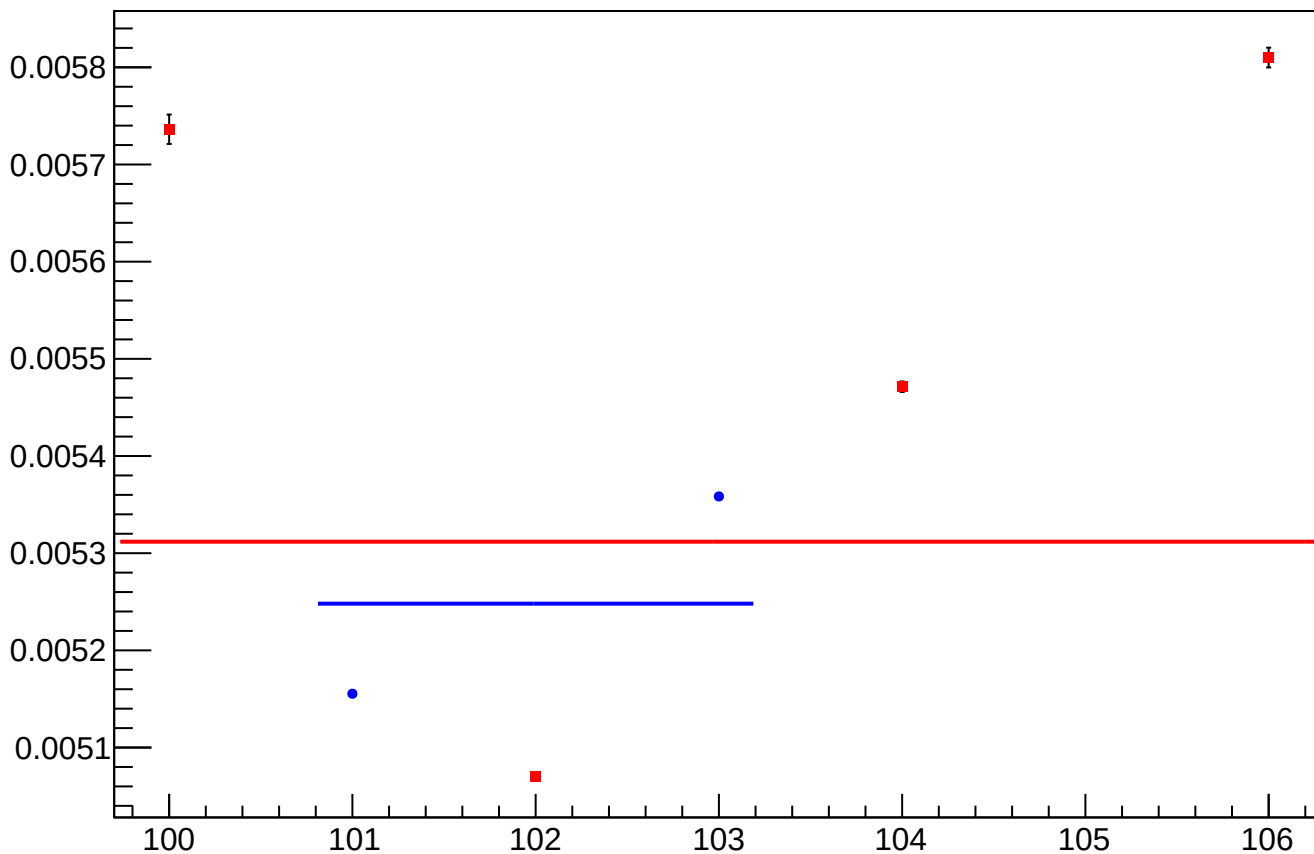
Right: 1.815+/-0.000 χ^2/NDF : 27196754690.2/5

In: 1.707+/-0.000 χ^2/NDF : 4780886.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.815+/-0.000 χ^2/NDF : 27196754690.2/5

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 923.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 7001.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

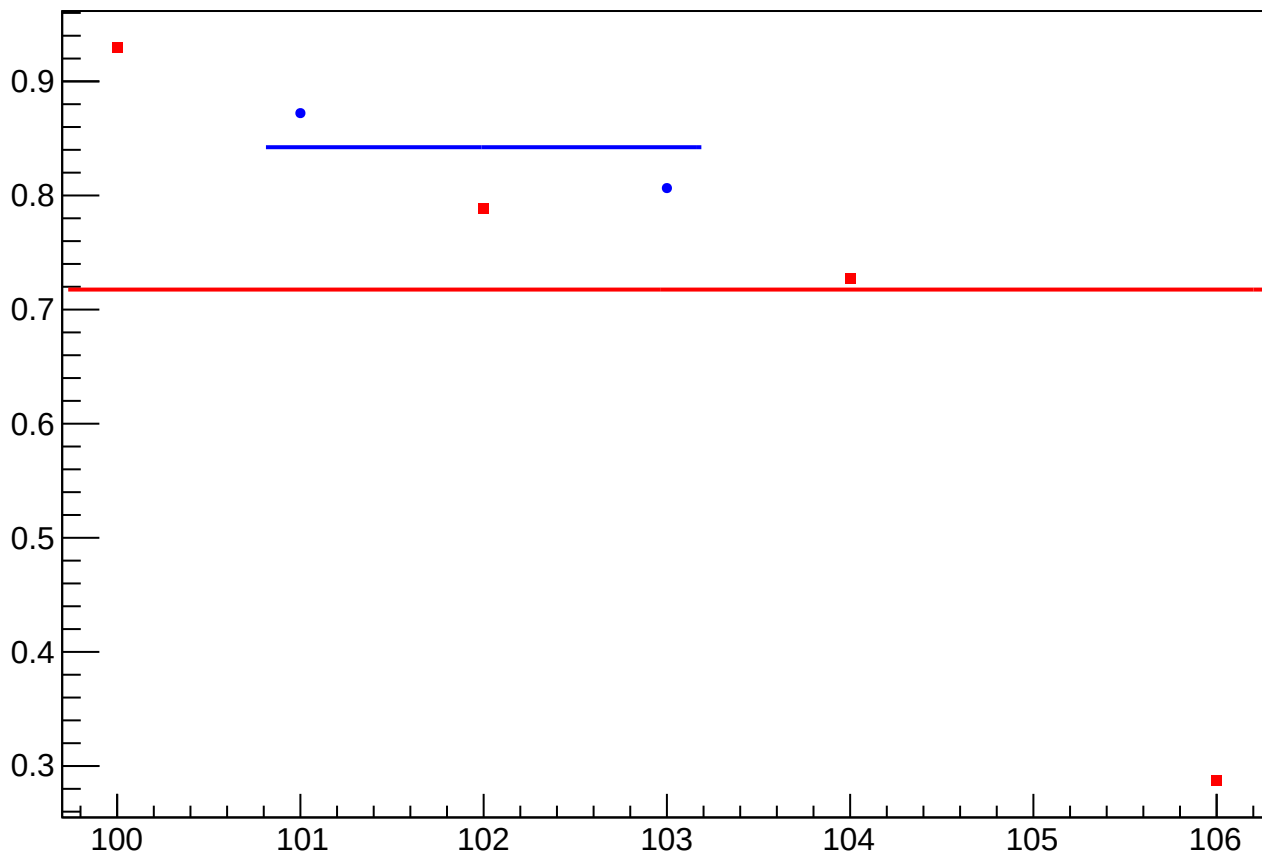
Right: 0.005+/-0.000 χ^2/NDF : 8117.0/5

In: 0.005+/-0.000 χ^2/NDF : 923.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 8117.0/5

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.842 $\pm$ 0.000 χ^2 /NDF: 6119031.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.718 $\pm$ 0.000 χ^2 /NDF: 162541590.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

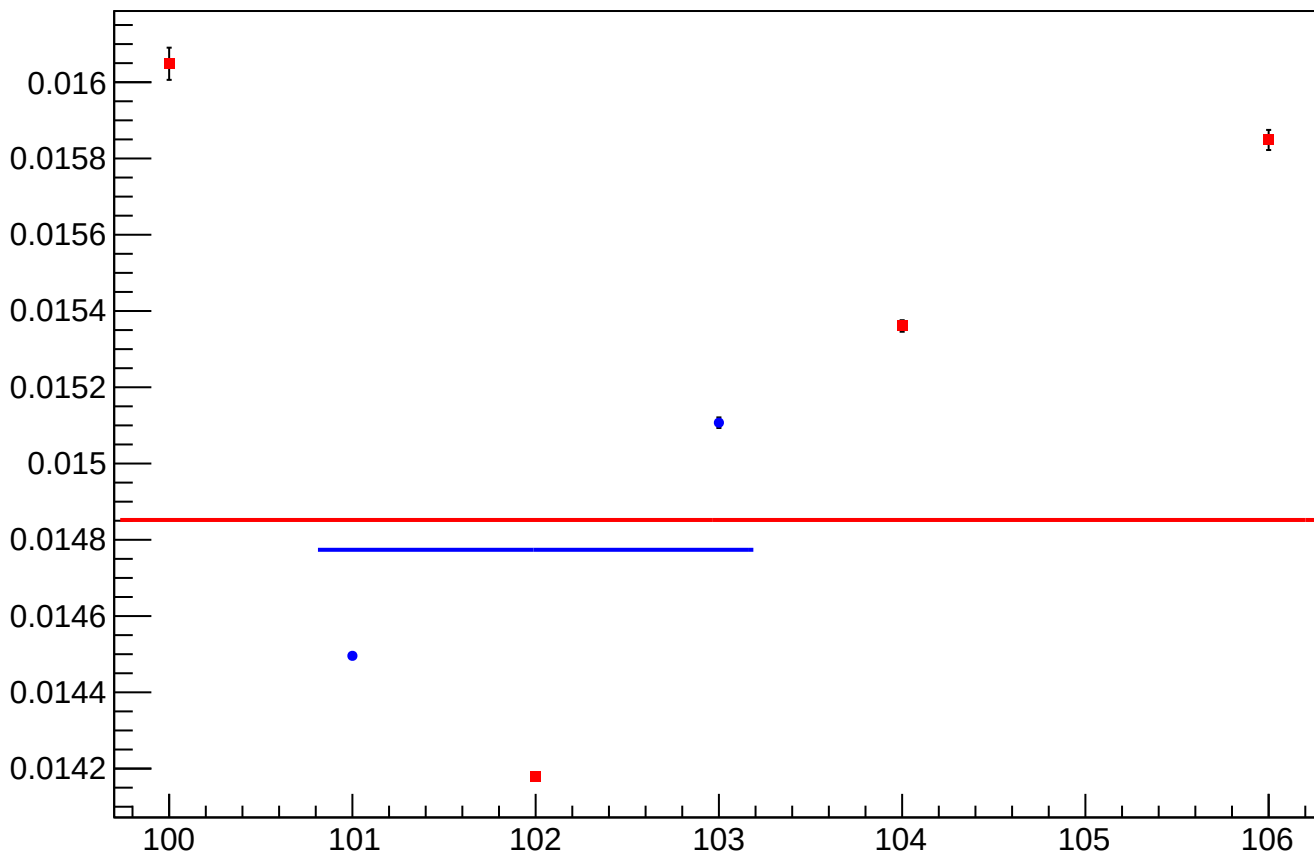
Right: 0.776 $\pm$ 0.000 χ^2 /NDF: 215721157.1/5

In: 0.842 $\pm$ 0.000 χ^2 /NDF:6119031.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.776 $\pm$ 0.000 χ^2 /NDF: 215721157.1/5

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 1060.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 6275.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

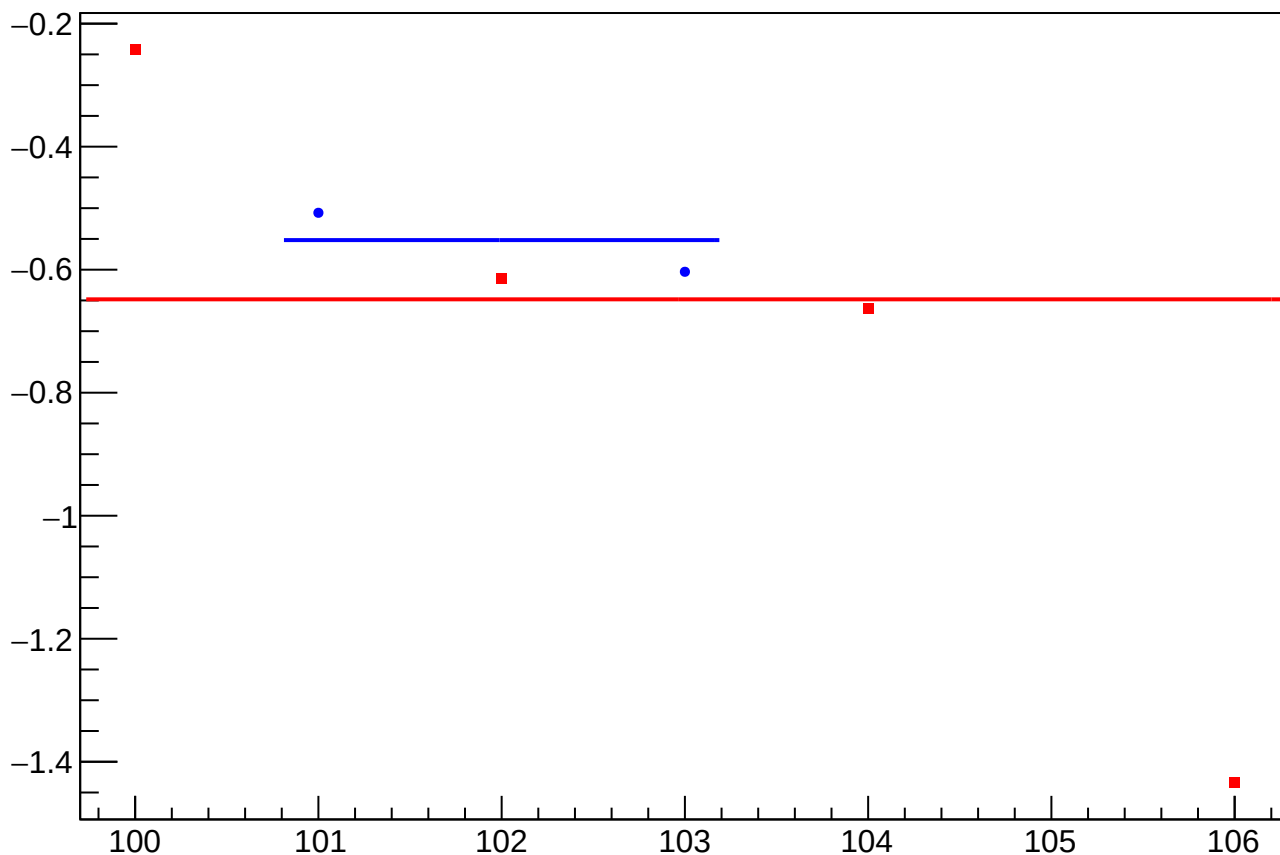
Right: 0.015+/-0.000 χ^2/NDF : 7373.1/5

In: 0.015+/-0.000 χ^2/NDF : 1060.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 7373.1/5

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.552+/-0.000 χ^2/NDF : 179465806.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.648+/-0.000 χ^2/NDF : 2369772087.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

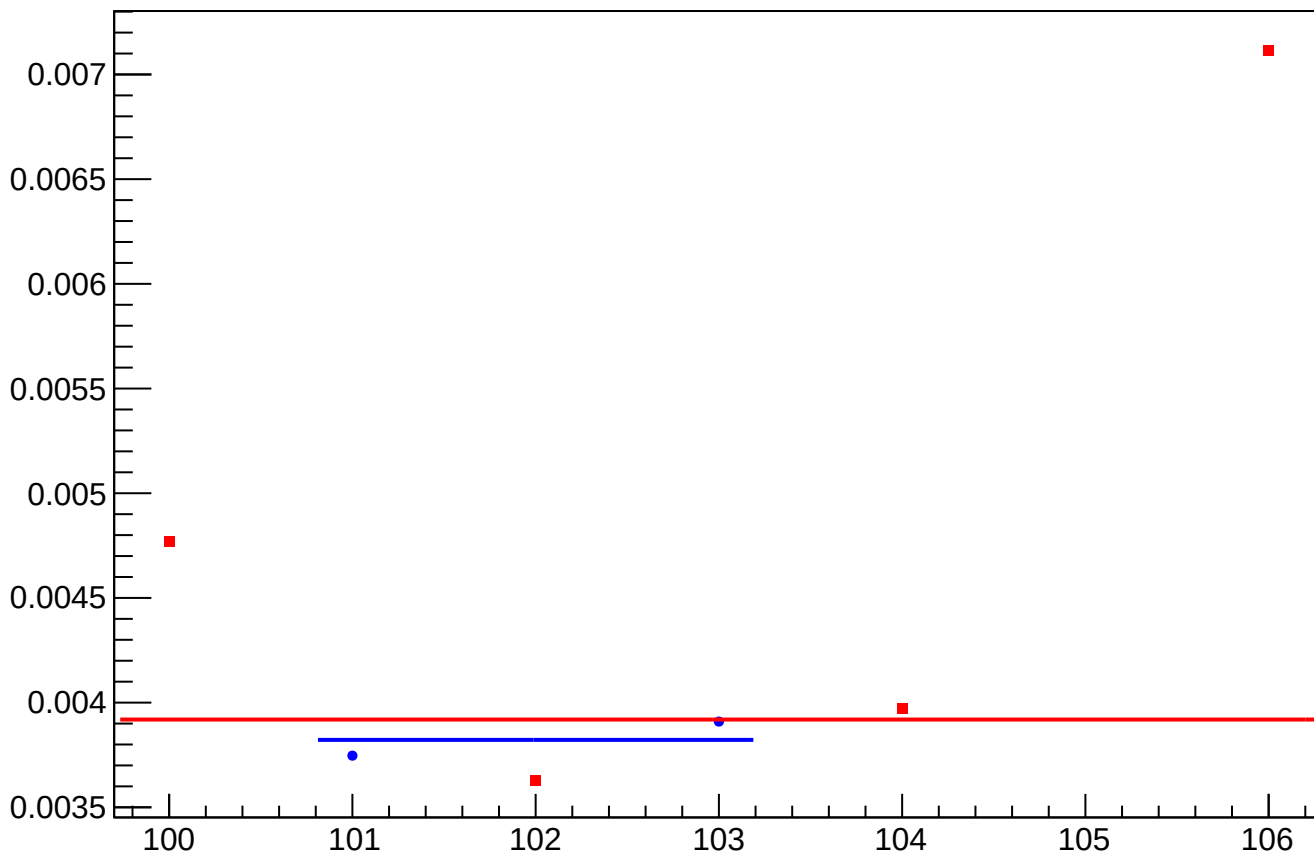
Right: -0.601+/-0.000 χ^2/NDF : 2923298323.8/5

In: -0.552+/-0.000 χ^2/NDF :179465806.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.601+/-0.000 χ^2/NDF : 2923298323.8/5

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1033.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 72867.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

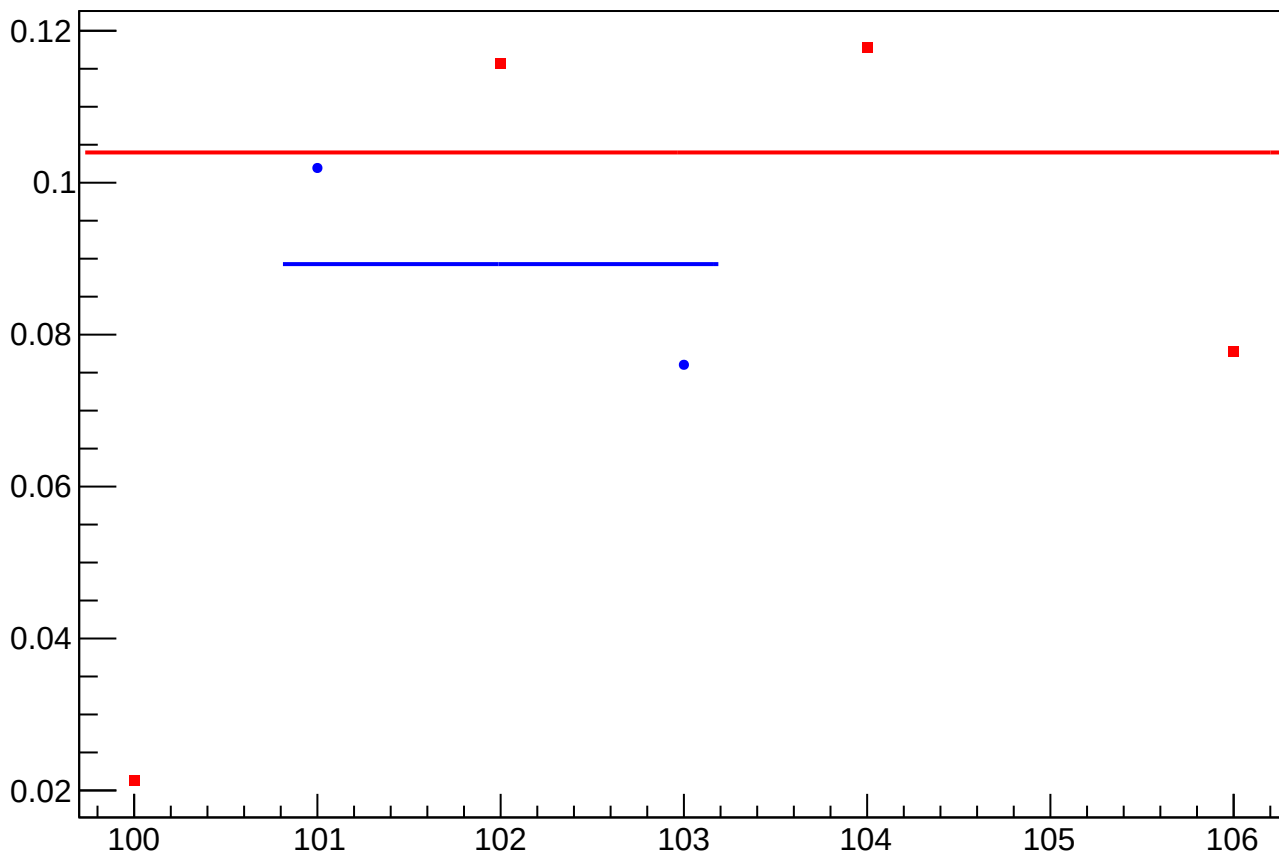
Right: 0.004+/-0.000 χ^2/NDF : 74661.5/5

In: 0.004+/-0.000 χ^2/NDF : 1033.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 74661.5/5

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.089 $\pm$ 0.000 χ^2 /NDF: 82794414.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.104 $\pm$ 0.000 χ^2 /NDF: 460990160.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

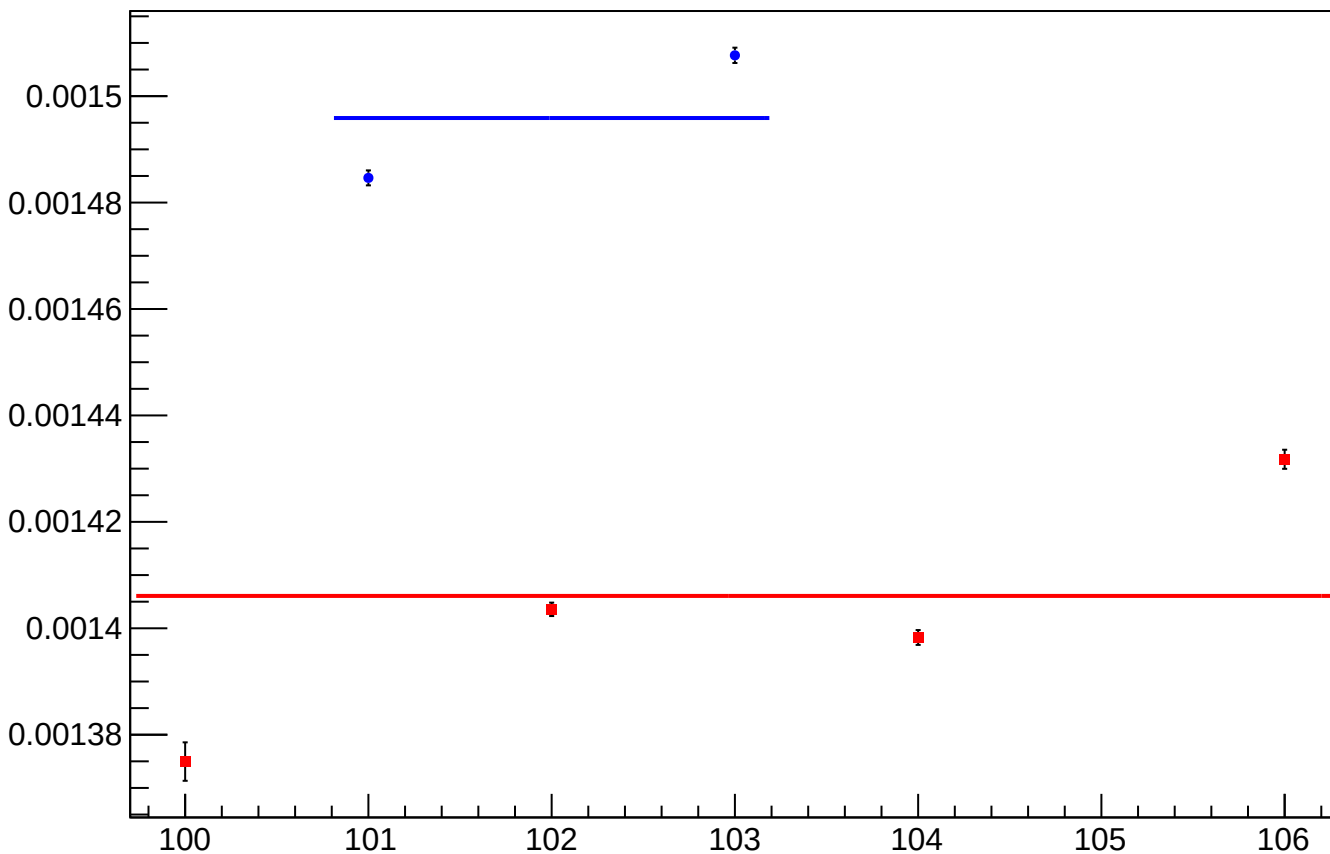
Right: 0.098 $\pm$ 0.000 χ^2 /NDF: 608593549.5/5

In: 0.089 $\pm$ 0.000 χ^2 /NDF:82794414.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.098 $\pm$ 0.000 χ^2 /NDF: 608593549.5/5

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 130.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 314.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

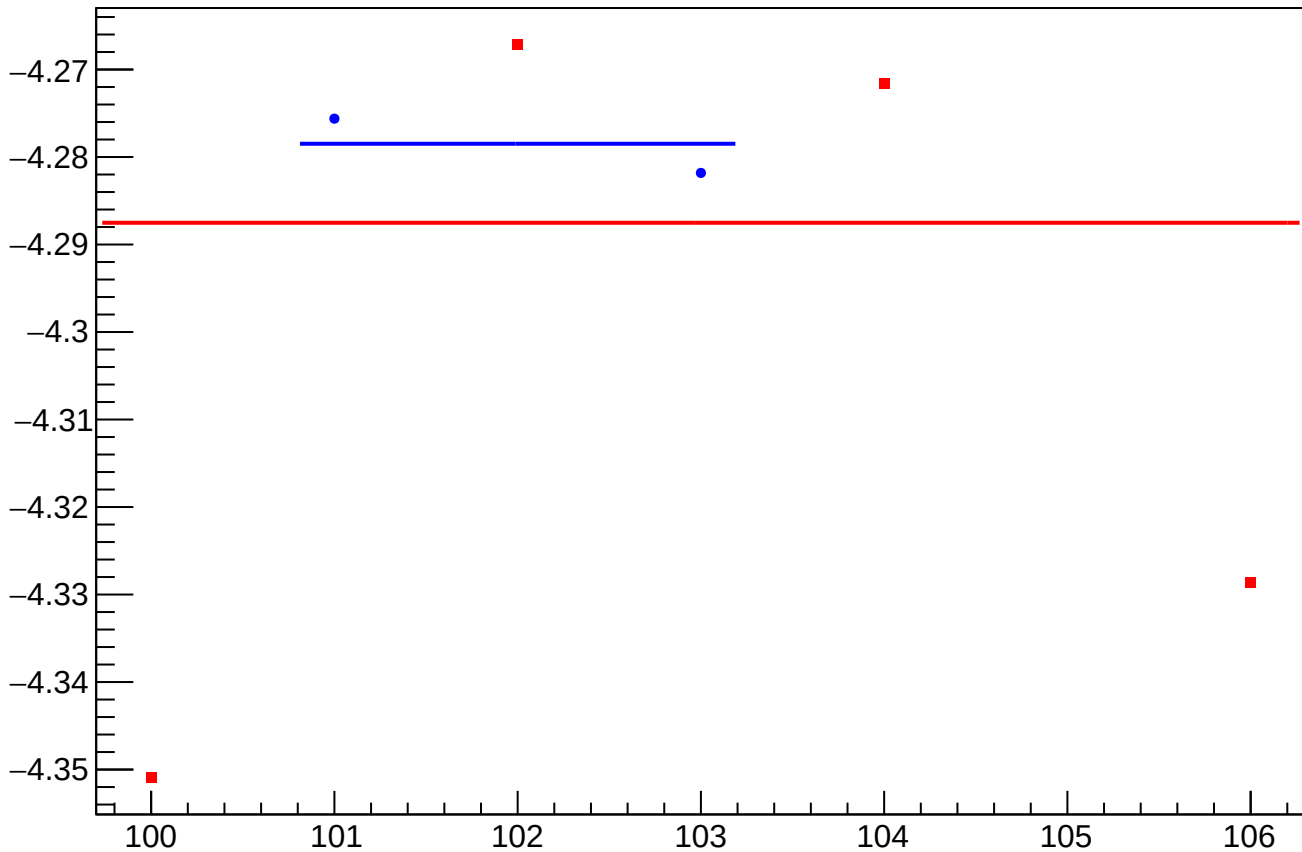
Right: 0.001+/-0.000 χ^2/NDF : 5285.2/5

In: 0.001+/-0.000 χ^2/NDF :130.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5285.2/5

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.278+/-0.000 χ^2/NDF : 3098336.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.288+/-0.000 χ^2/NDF : 337130245.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

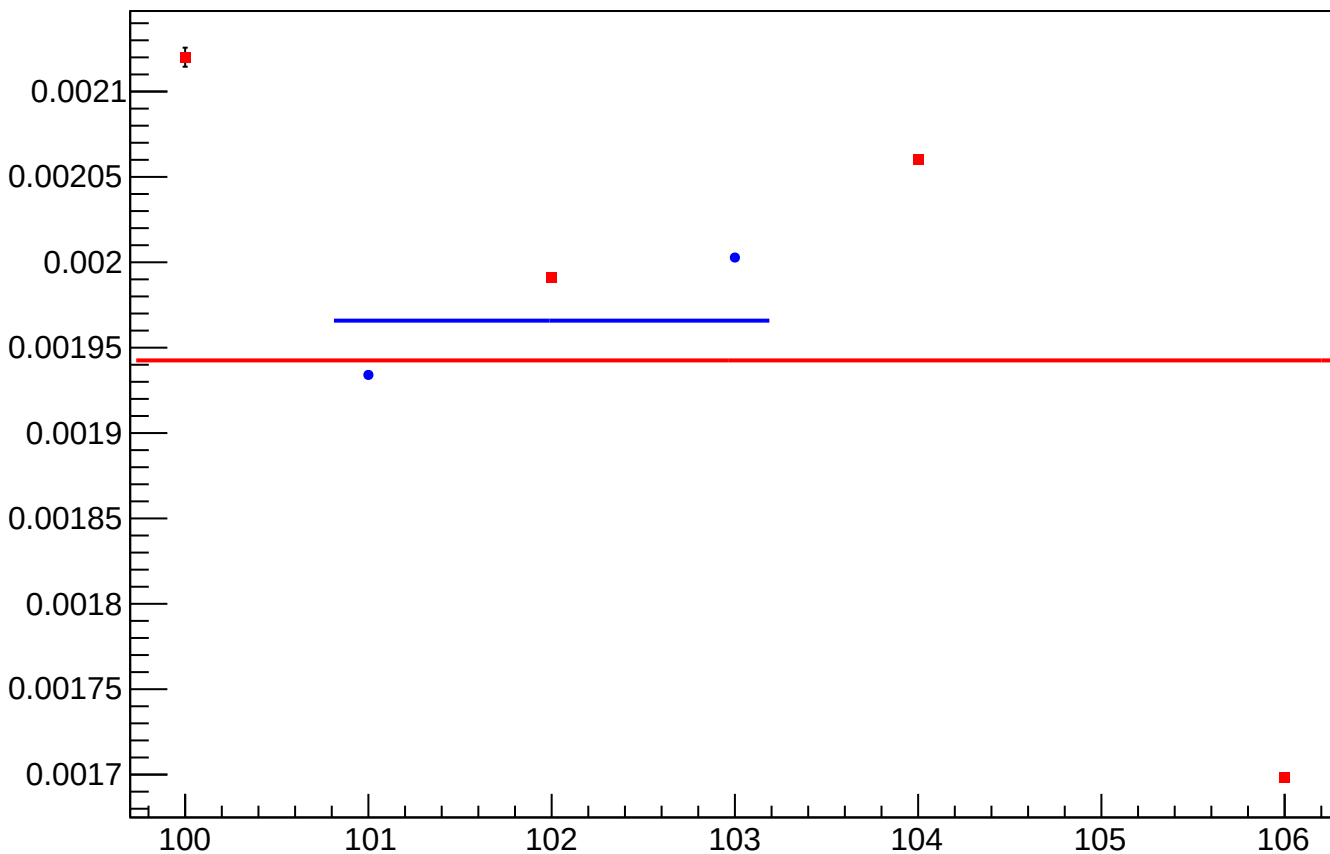
Right: -4.283+/-0.000 χ^2/NDF : 354894246.8/5

In: -4.278+/-0.000 χ^2/NDF :3098336.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.283+/-0.000 χ^2/NDF : 354894246.8/5

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 761.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 17452.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

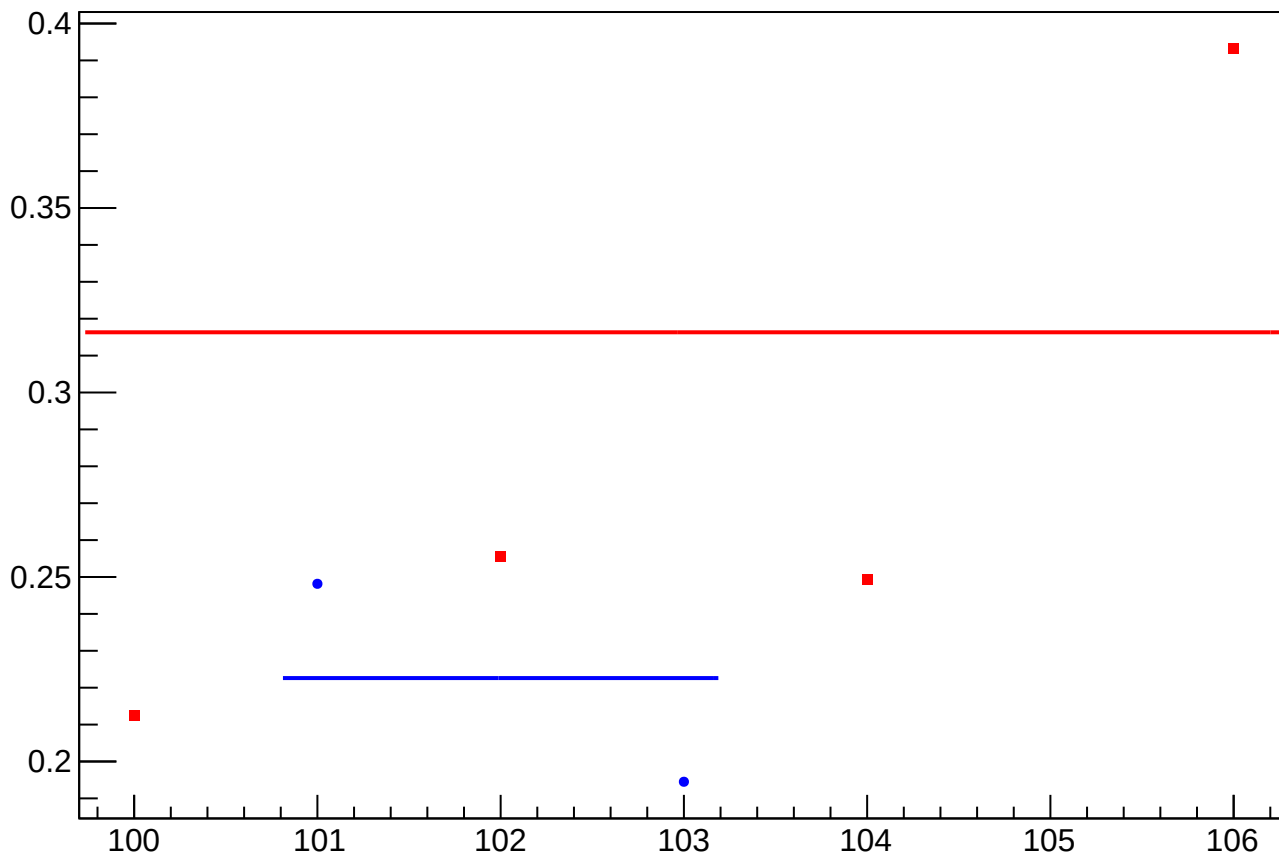
Right: 0.002+/-0.000 χ^2/NDF : 18409.1/5

In: 0.002+/-0.000 χ^2/NDF : 761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 18409.1/5

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.223+/-0.000 χ^2/NDF : 11778675.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.316+/-0.000 χ^2/NDF : 142733897.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

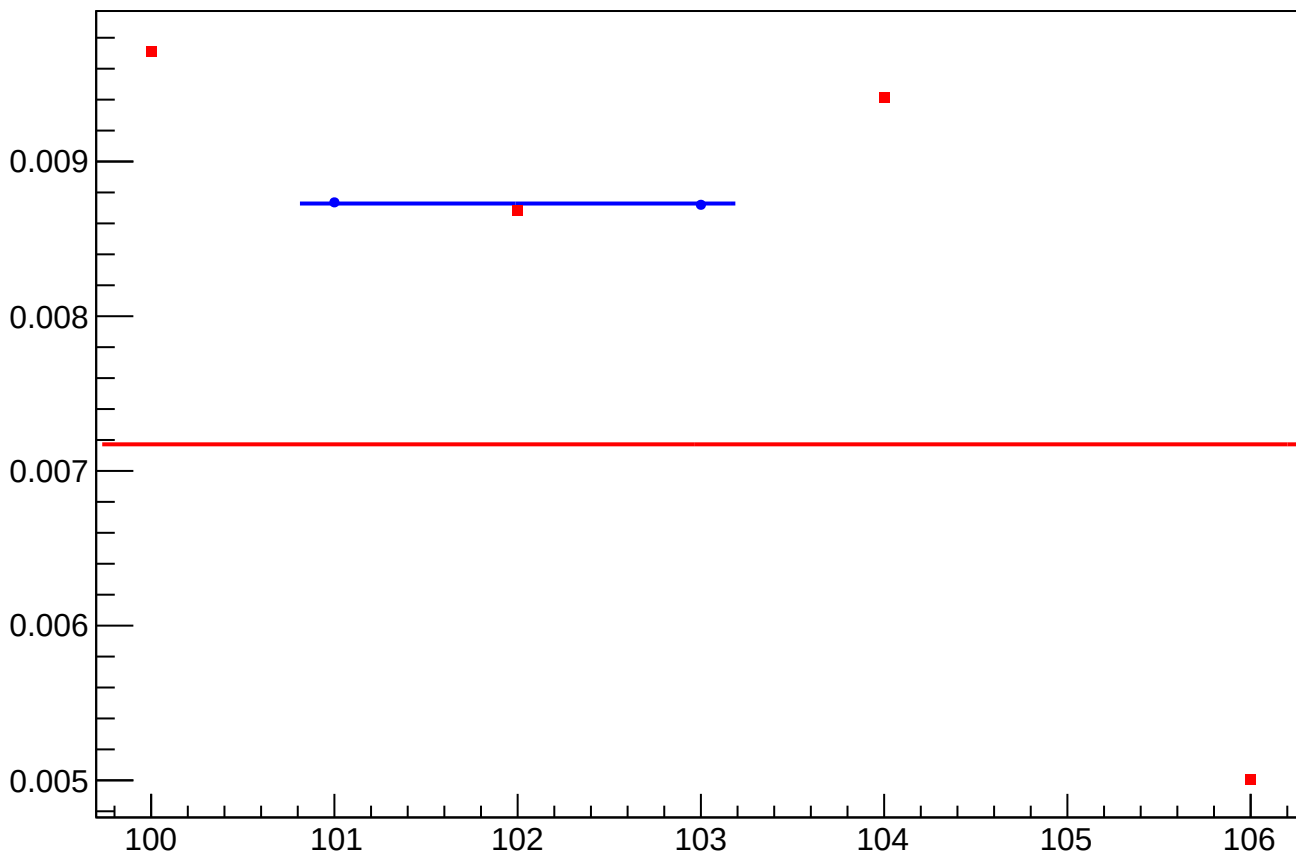
Right: 0.282+/-0.000 χ^2/NDF : 245527143.5/5

In: 0.223+/-0.000 χ^2/NDF : 11778675.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.282+/-0.000 χ^2/NDF : 245527143.5/5

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 229665.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

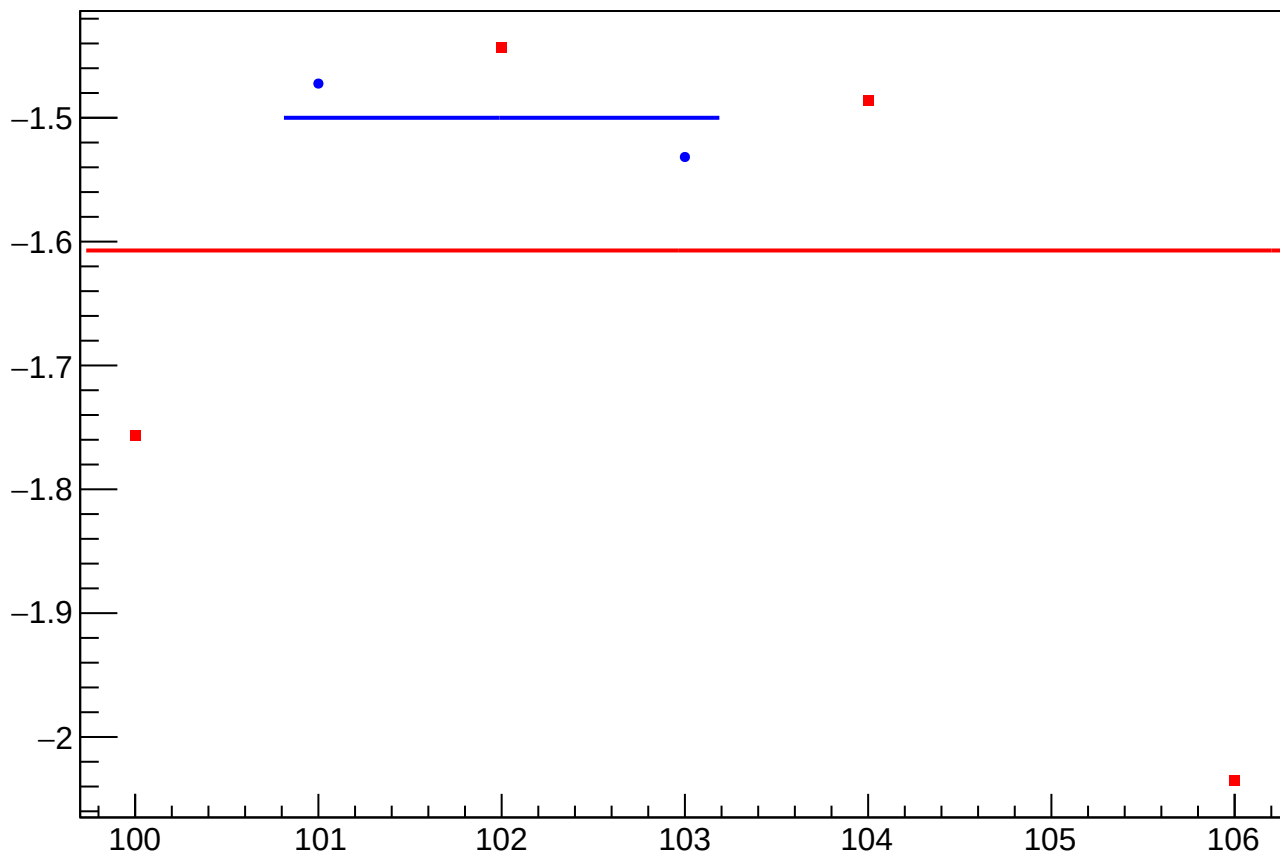
Right: 0.008+/-0.000 χ^2/NDF : 279888.7/5

In: 0.009+/-0.000 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 279888.7/5

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.500+/-0.000 χ^2/NDF : 34797329.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.607+/-0.000 χ^2/NDF : 2841040154.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

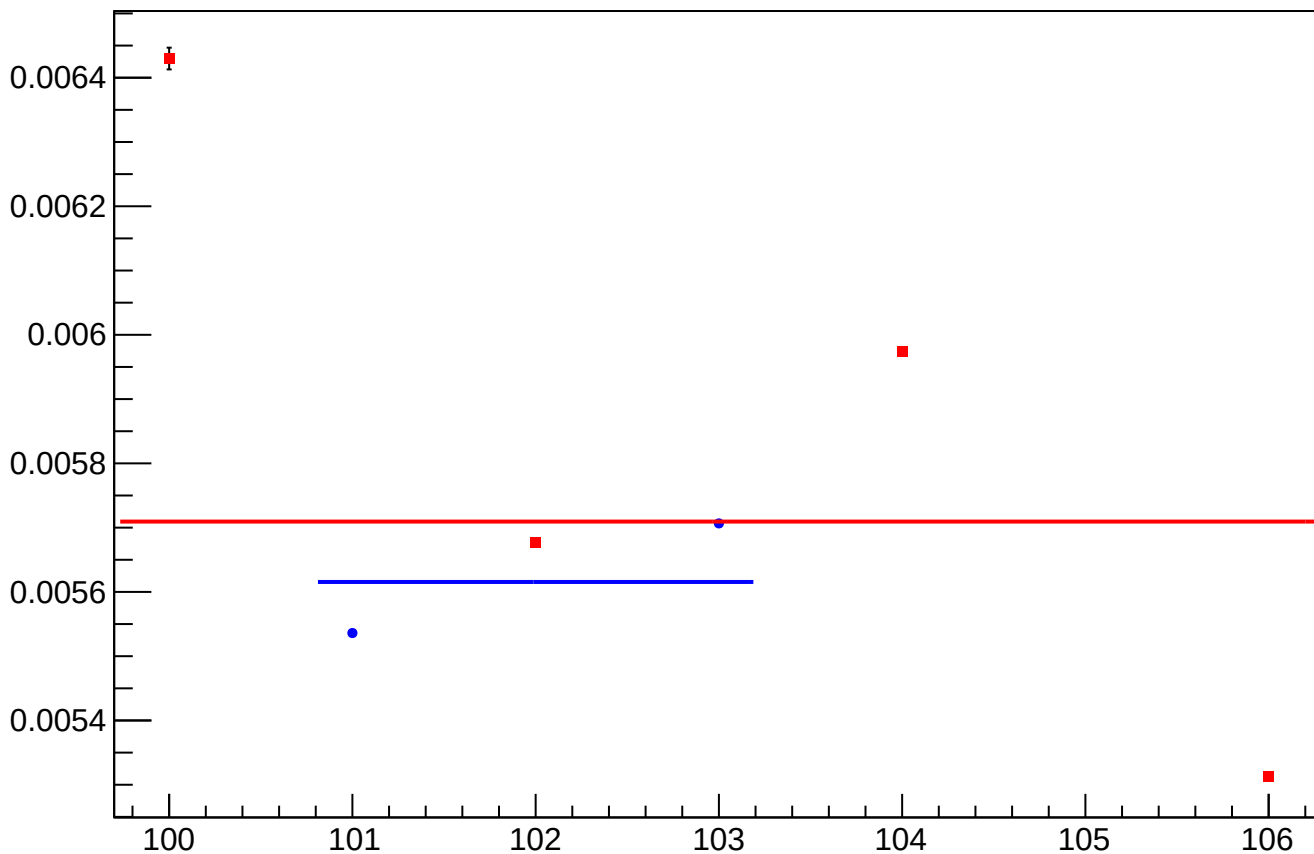
Right: -1.558+/-0.000 χ^2/NDF : 3124596089.5/5

In: -1.500+/-0.000 χ^2/NDF :34797329.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.558+/-0.000 χ^2/NDF : 3124596089.5/5

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 576.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7402.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

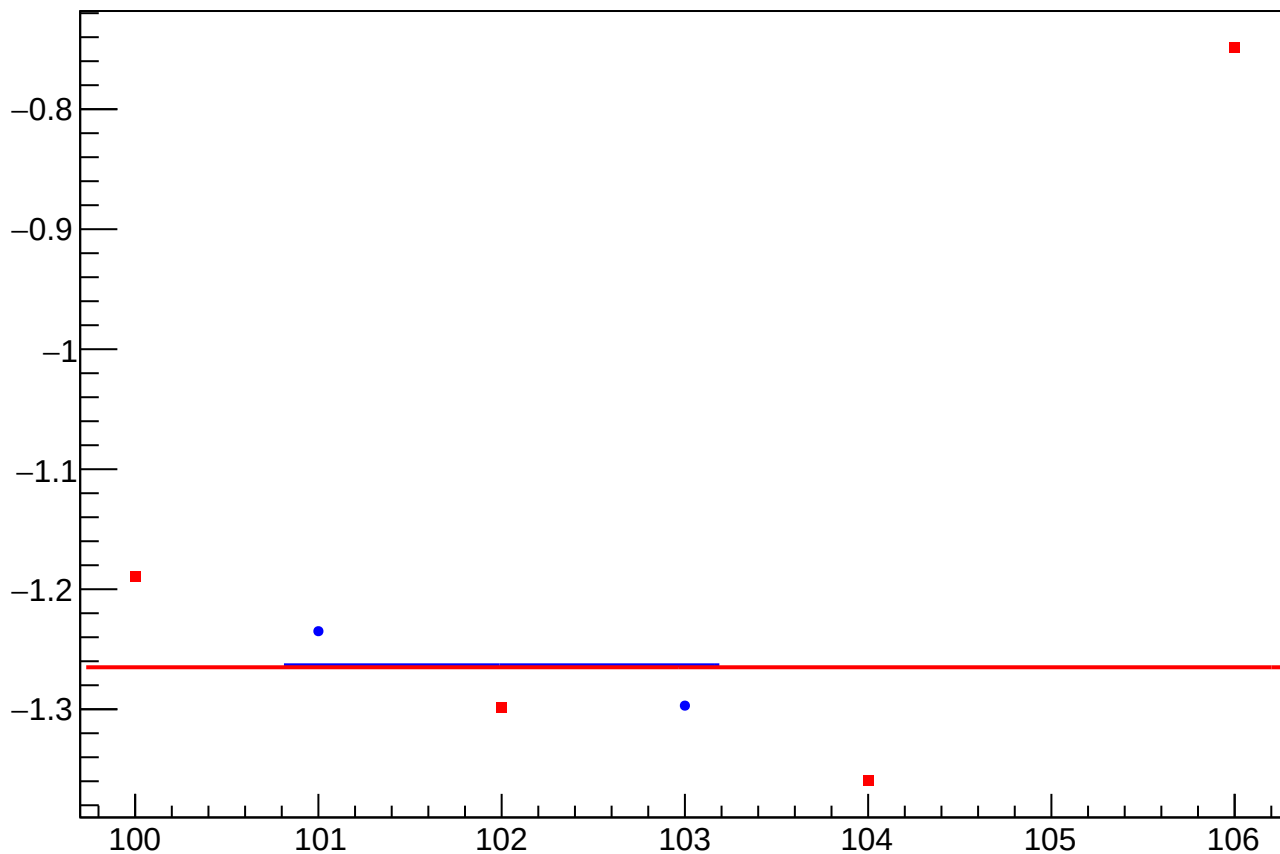
Right: 0.006+/-0.000 χ^2/NDF : 8361.6/5

In: 0.006+/-0.000 χ^2/NDF : 576.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 8361.6/5

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -1.263+/-0.000 χ^2/NDF : 11468426.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.265+/-0.000 χ^2/NDF : 383247236.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

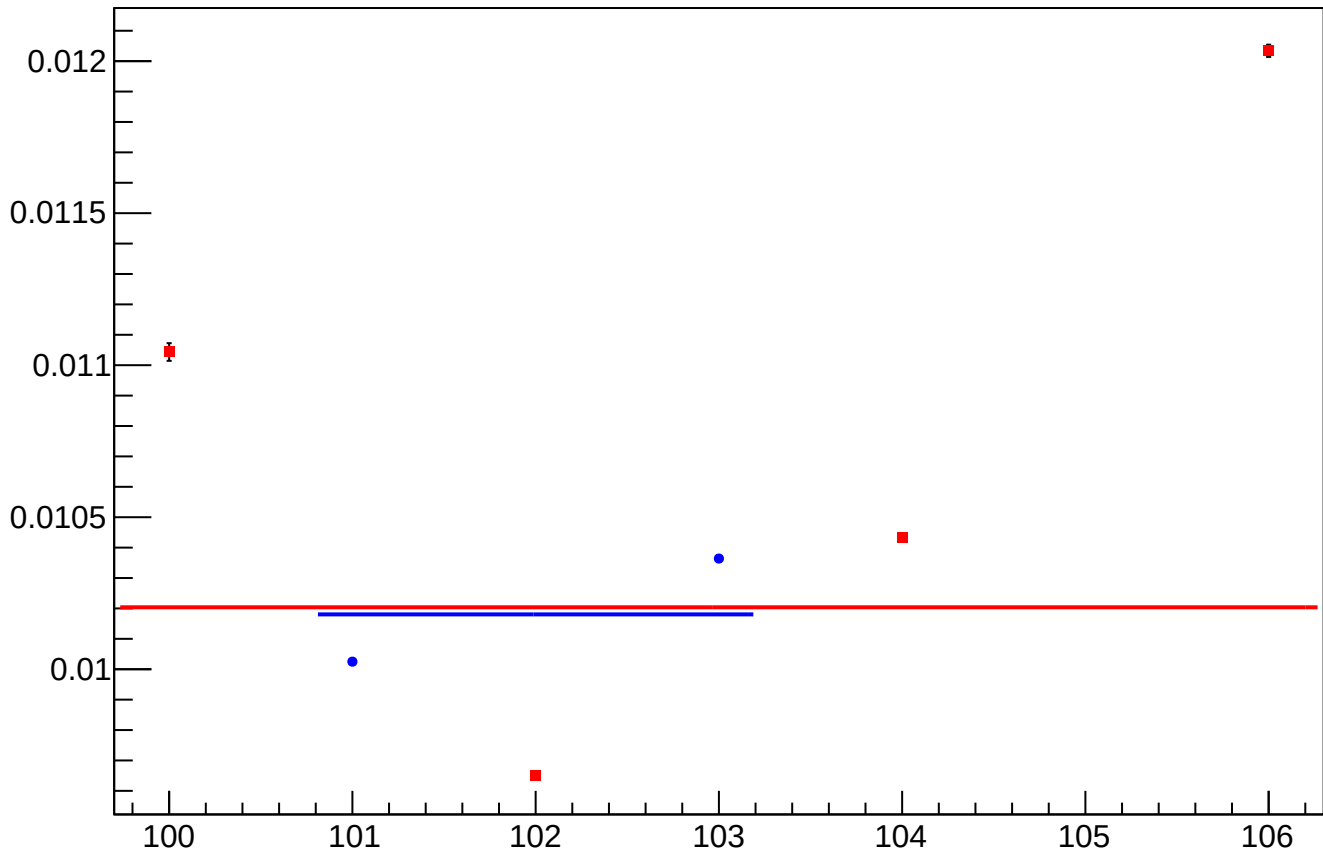
Right: -1.264+/-0.000 χ^2/NDF : 394732367.0/5

In: -1.263+/-0.000 χ^2/NDF : 11468426.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.264+/-0.000 χ^2/NDF : 394732367.0/5

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 685.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 13859.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

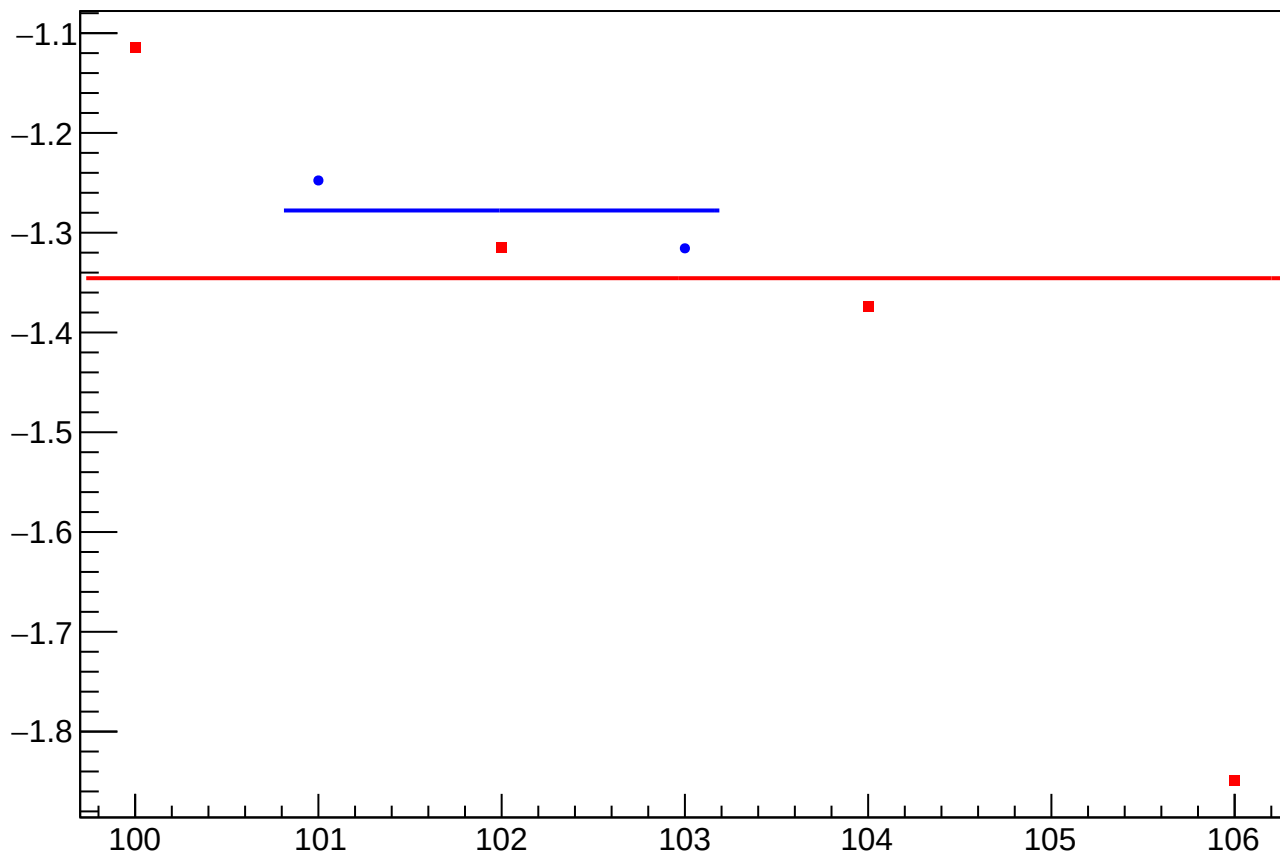
Right: 0.010+/-0.000 χ^2/NDF : 14551.3/5

In: 0.010+/-0.000 χ^2/NDF : 685.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 14551.3/5

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.278 ± 0.000 χ^2/NDF : 449694222.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.346 ± 0.000 χ^2/NDF : 4950874734.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

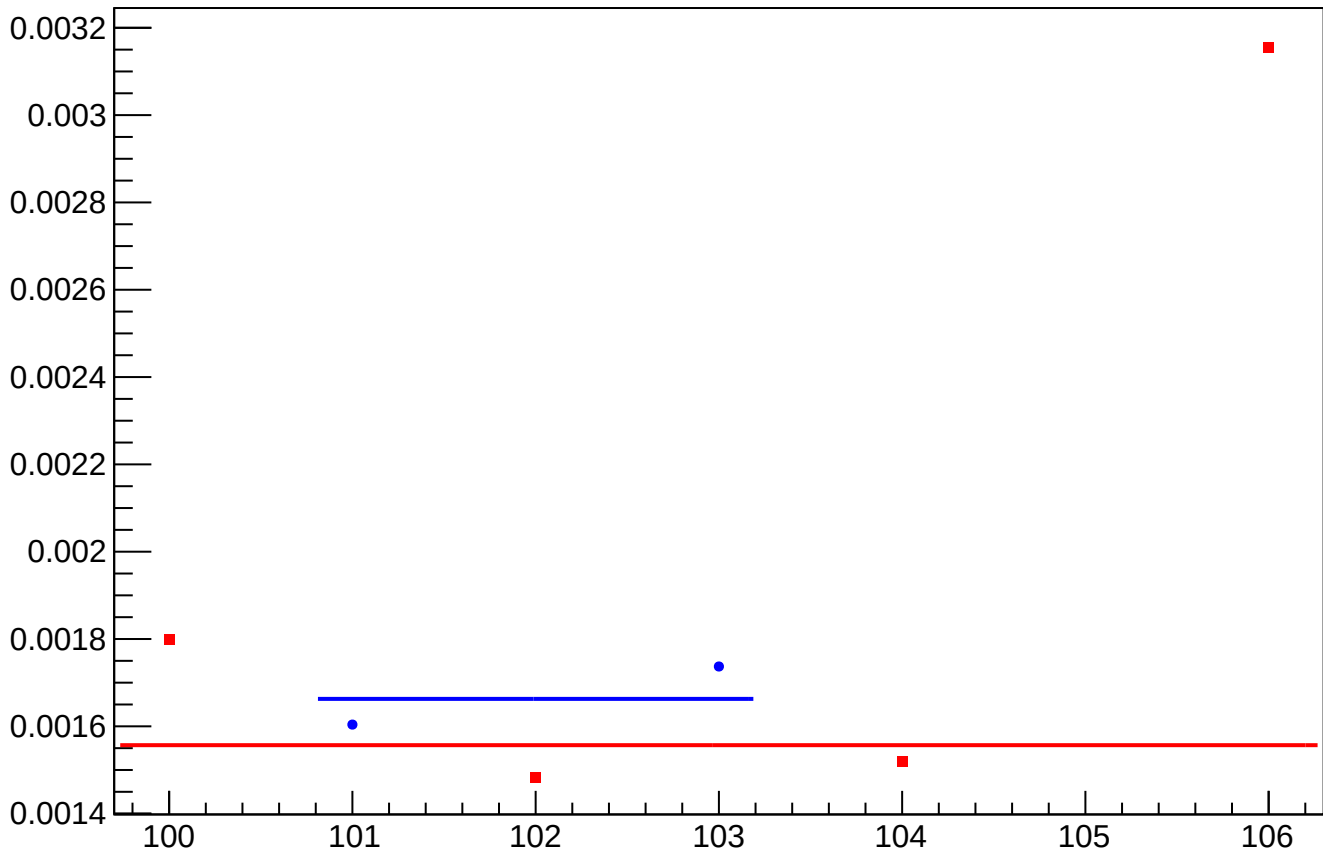
Right: -1.316 ± 0.000 χ^2/NDF : 6412113429.6/5

In: -1.278 ± 0.000 χ^2/NDF : 449694222.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.316 ± 0.000 χ^2/NDF : 6412113429.6/5

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3443.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 77567.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

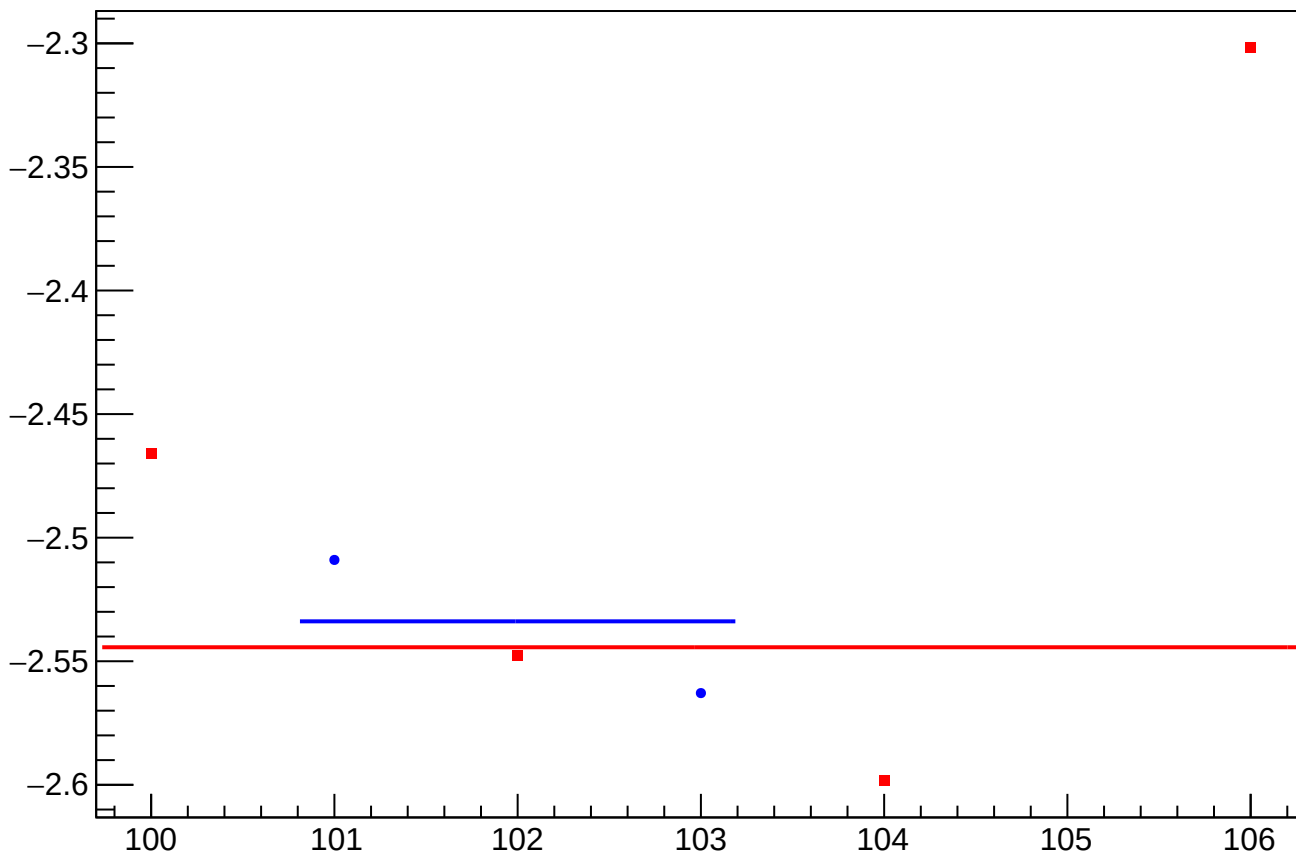
Right: 0.002+/-0.000 χ^2/NDF : 85947.9/5

In: 0.002+/-0.000 χ^2/NDF : 3443.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 85947.9/5

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.534+/-0.000 χ^2/NDF : 27408658.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.544+/-0.000 χ^2/NDF : 242262566.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

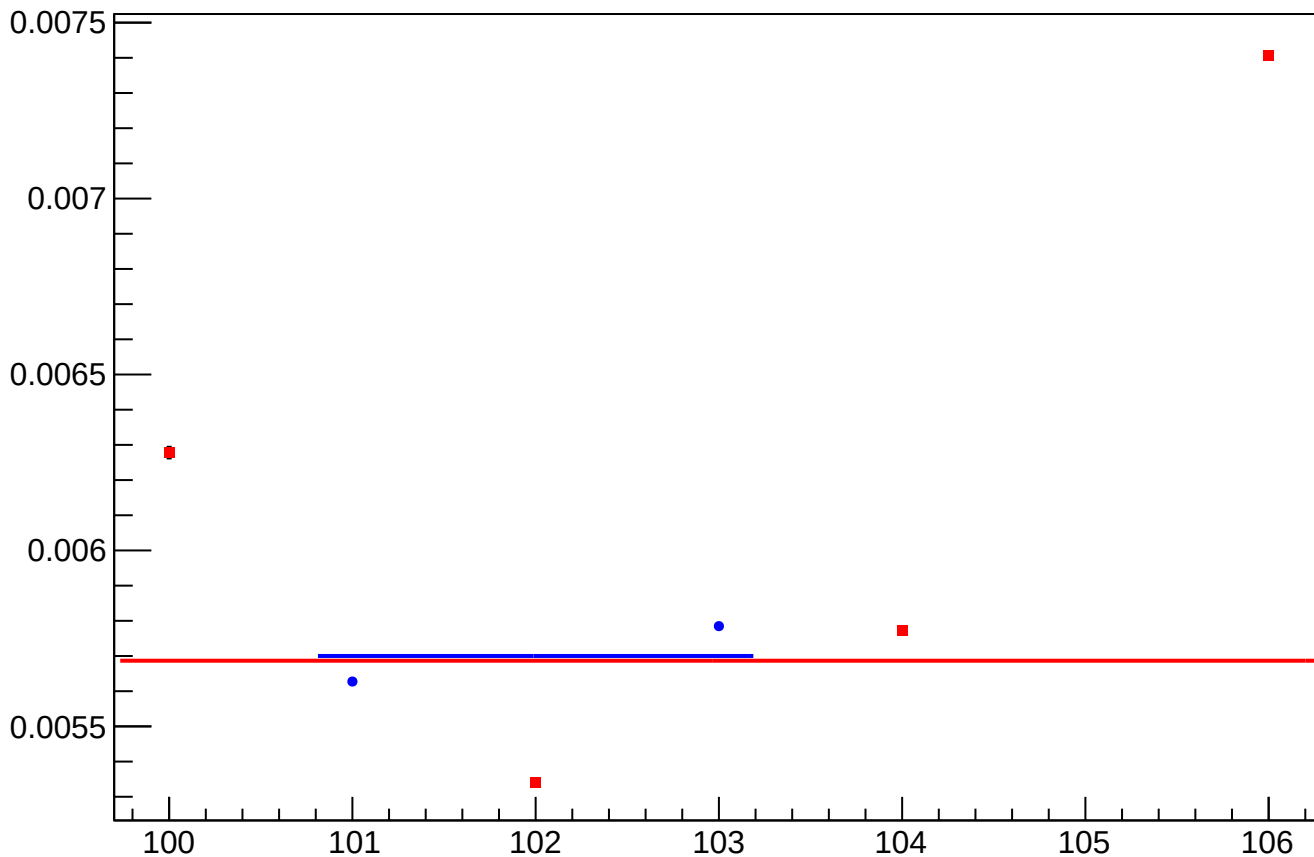
Right: -2.539+/-0.000 χ^2/NDF : 271890733.8/5

In: -2.534+/-0.000 χ^2/NDF : 27408658.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.539+/-0.000 χ^2/NDF : 271890733.8/5

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 467.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 25615.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

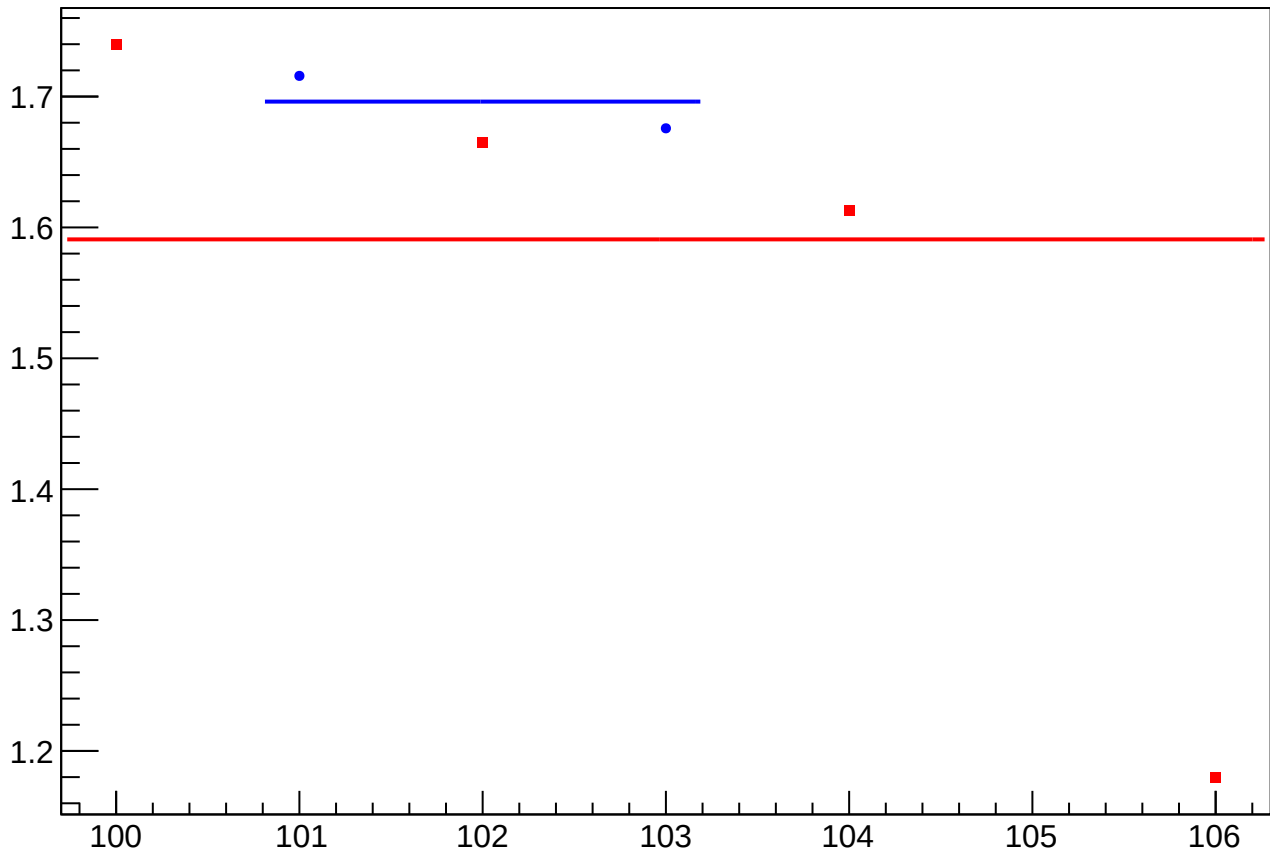
Right: 0.006+/-0.000 χ^2/NDF : 26091.2/5

In: 0.006+/-0.000 χ^2/NDF : 467.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 26091.2/5

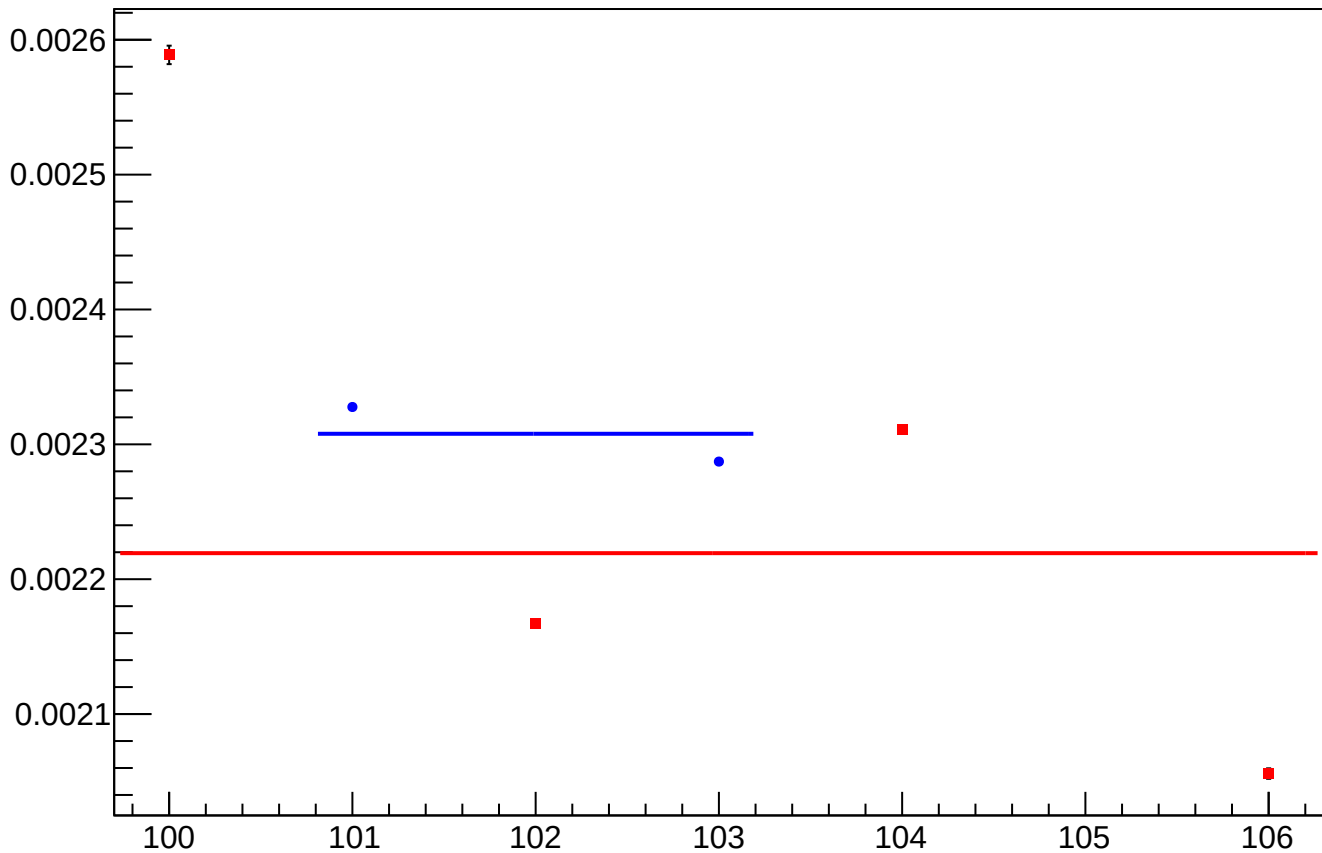
yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.696+/-0.000 χ^2/NDF : 89357298.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 1.591+/-0.000 χ^2/NDF : 6641580244.6/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.638+/-0.000 χ^2/NDF : 8088086932.0/5
 In: 1.696+/-0.000 χ^2/NDF :89357298.7/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 1.638+/-0.000 χ^2/NDF : 8088086932.0/5

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 182.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 6986.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

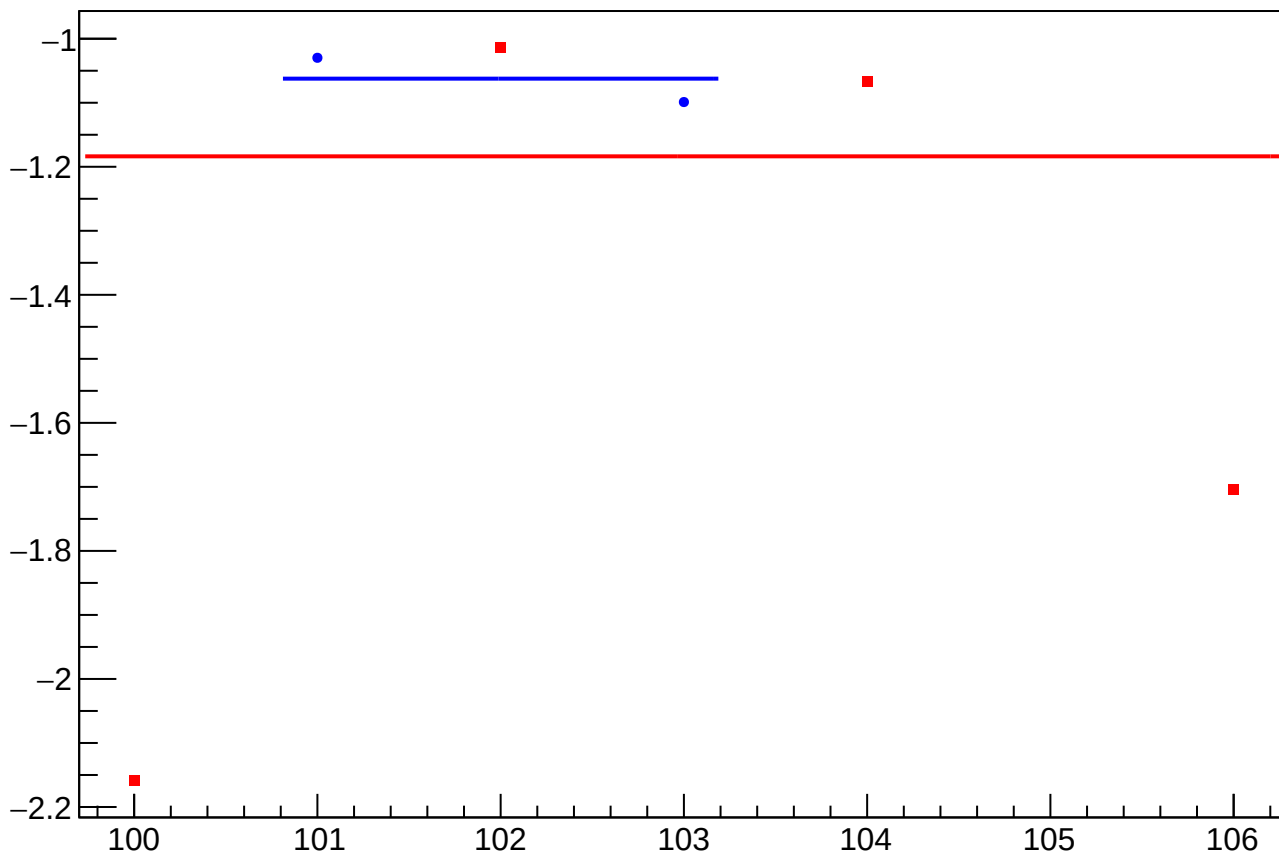
Right: 0.002+/-0.000 χ^2/NDF : 9088.6/5

In: 0.002+/-0.000 χ^2/NDF : 182.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9088.6/5

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.062+/-0.000 χ^2/NDF : 27843433.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.184+/-0.000 χ^2/NDF : 2909760790.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

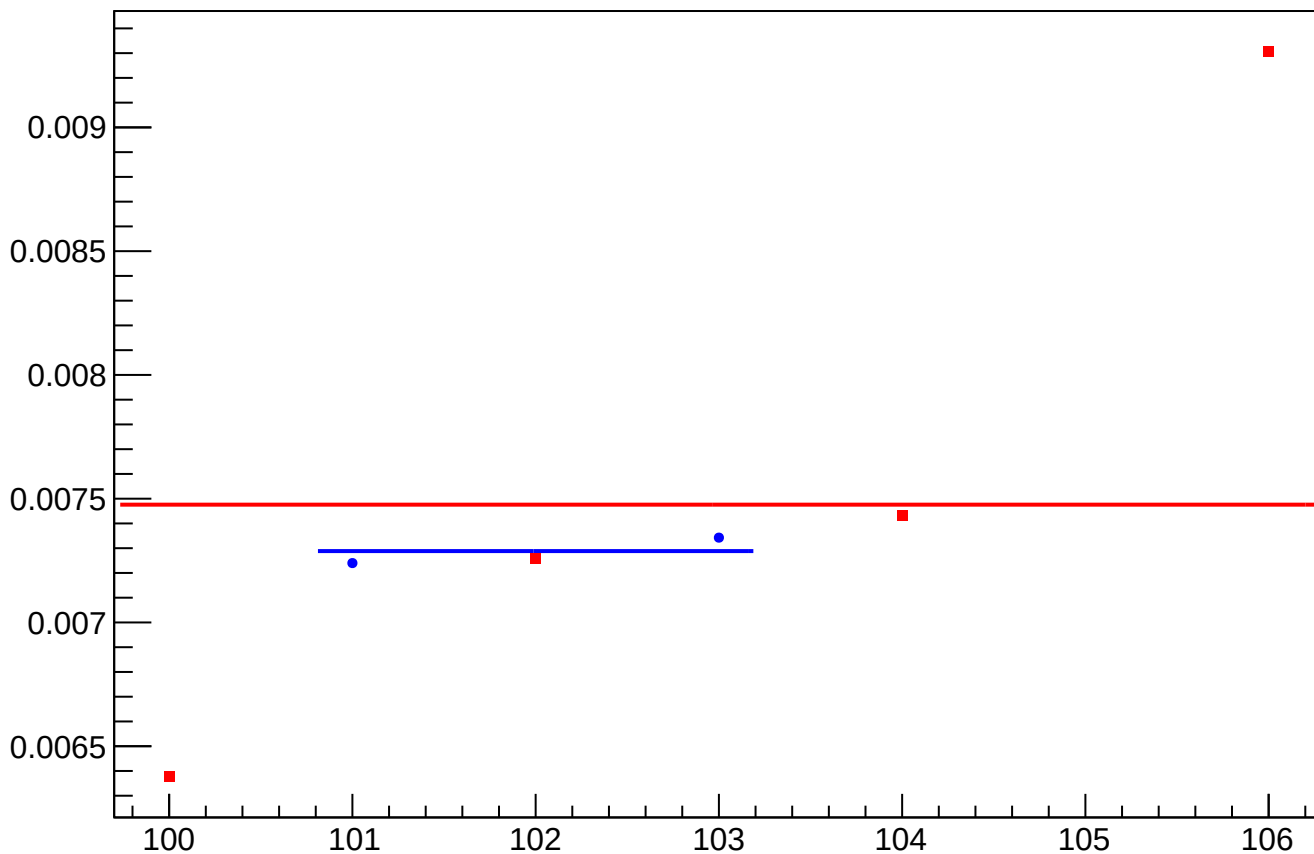
Right: -1.126+/-0.000 χ^2/NDF : 3118775778.3/5

In: -1.062+/-0.000 χ^2/NDF : 27843433.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.126+/-0.000 χ^2/NDF : 3118775778.3/5

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 123.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 23868.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

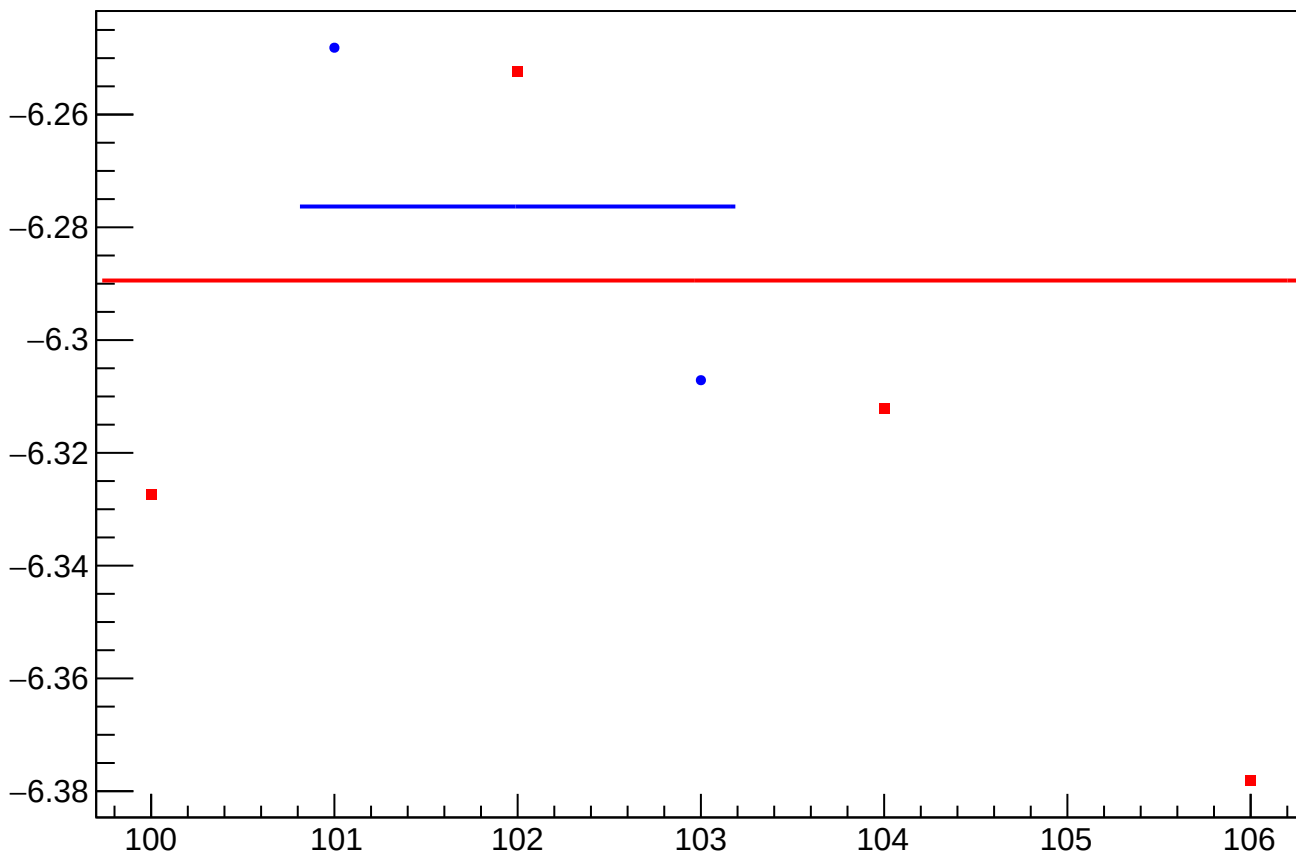
Right: 0.007+/-0.000 χ^2/NDF : 24857.5/5

In: 0.007+/-0.000 χ^2/NDF : 123.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 24857.5/5

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.276+/-0.000 χ^2/NDF : 37727342.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.289+/-0.000 χ^2/NDF : 80045415.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

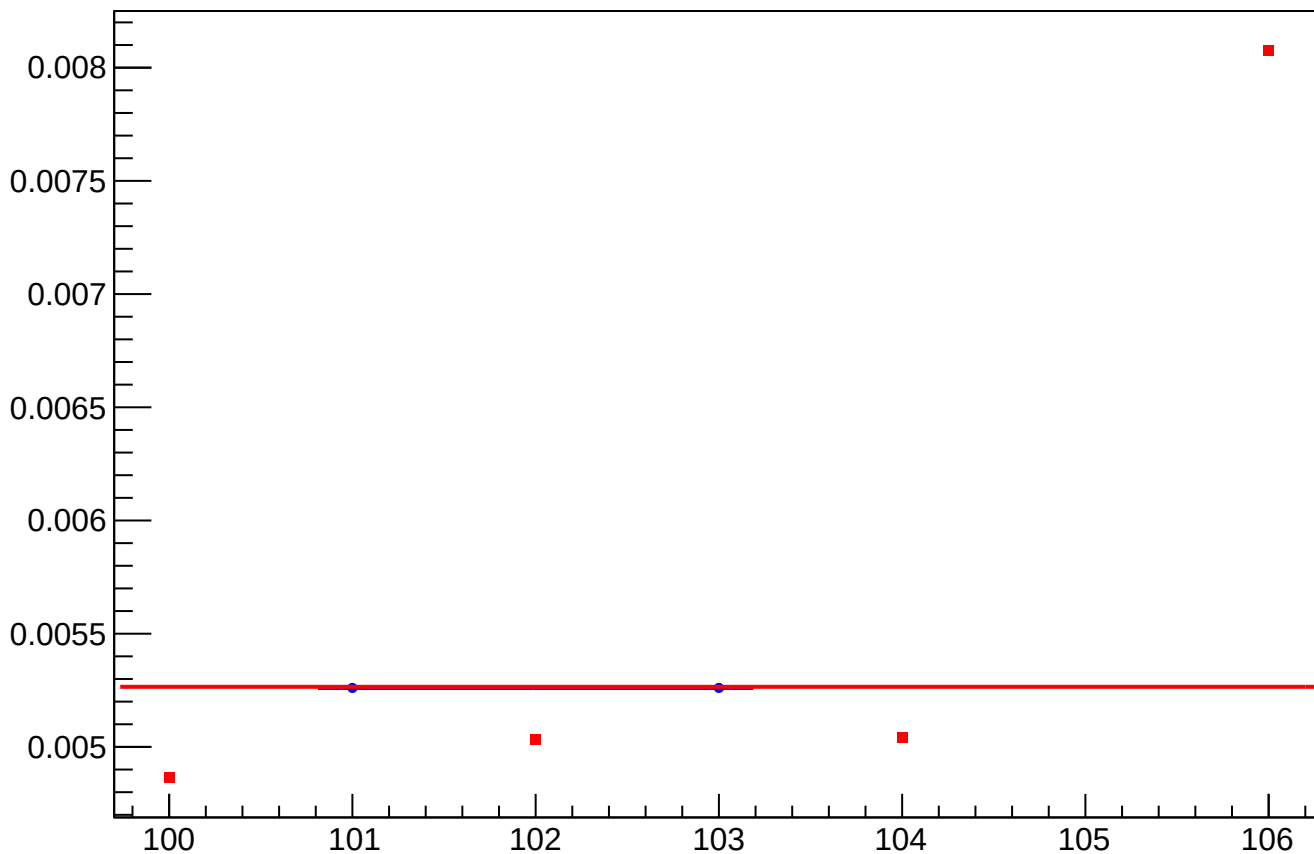
Right: -6.283+/-0.000 χ^2/NDF : 121821003.7/5

In: -6.276+/-0.000 χ^2/NDF : 37727342.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.283+/-0.000 χ^2/NDF : 121821003.7/5

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 69708.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

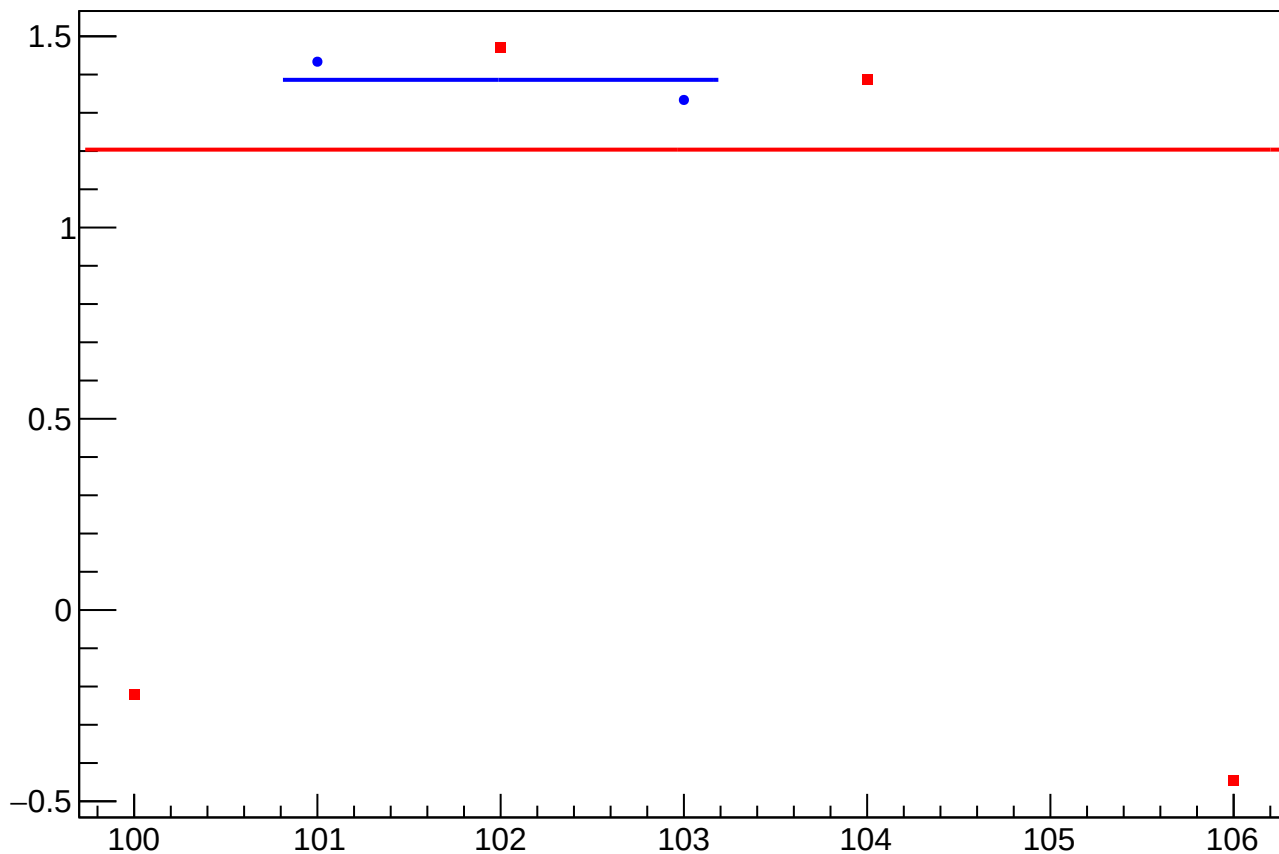
Right: 0.005+/-0.000 χ^2/NDF : 69709.9/5

In: 0.005+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 69709.9/5

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 1.386+/-0.000 χ^2/NDF : 14233406.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.204+/-0.000 χ^2/NDF : 2206791898.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

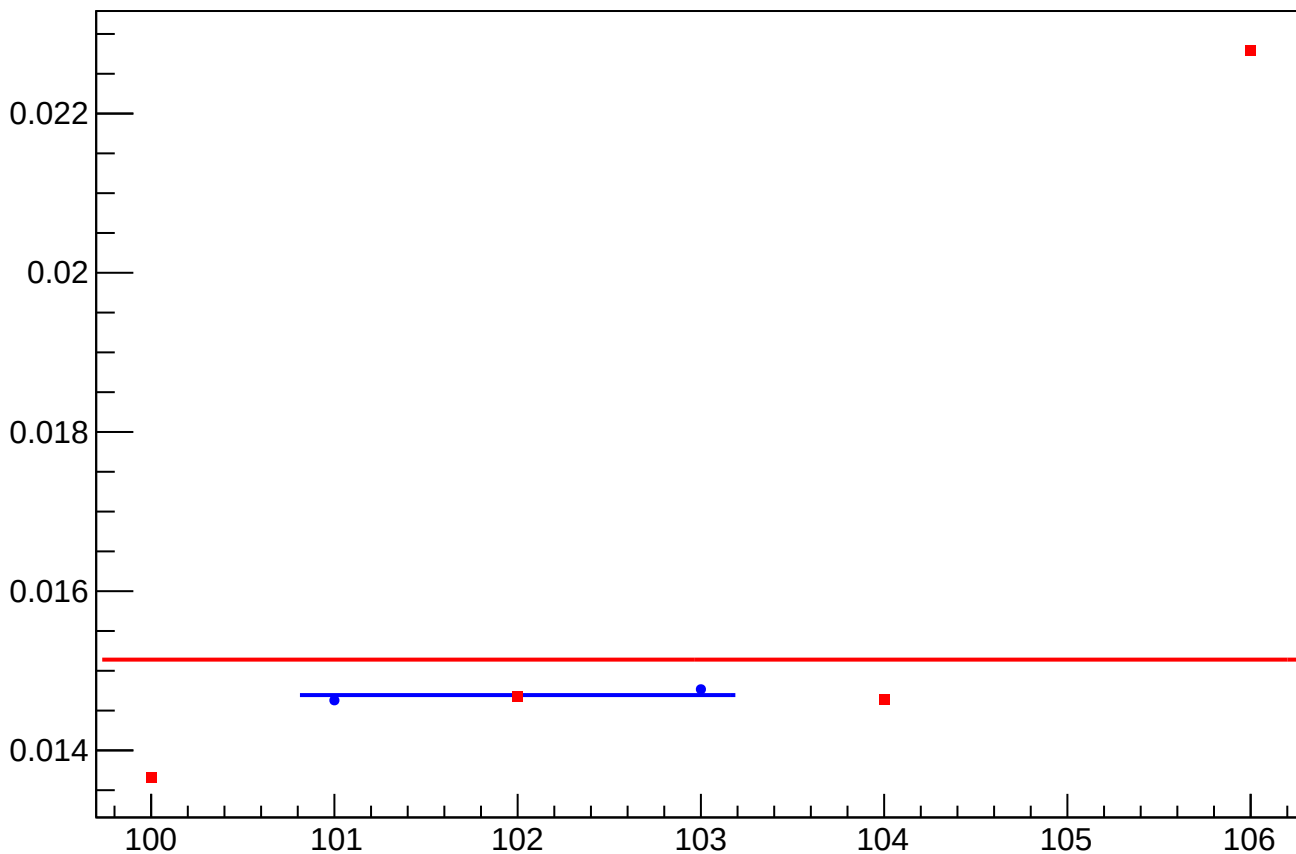
Right: 1.291+/-0.000 χ^2/NDF : 2320014710.1/5

In: 1.386+/-0.000 χ^2/NDF :14233406.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.291+/-0.000 χ^2/NDF : 2320014710.1/5

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 54.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 52778.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

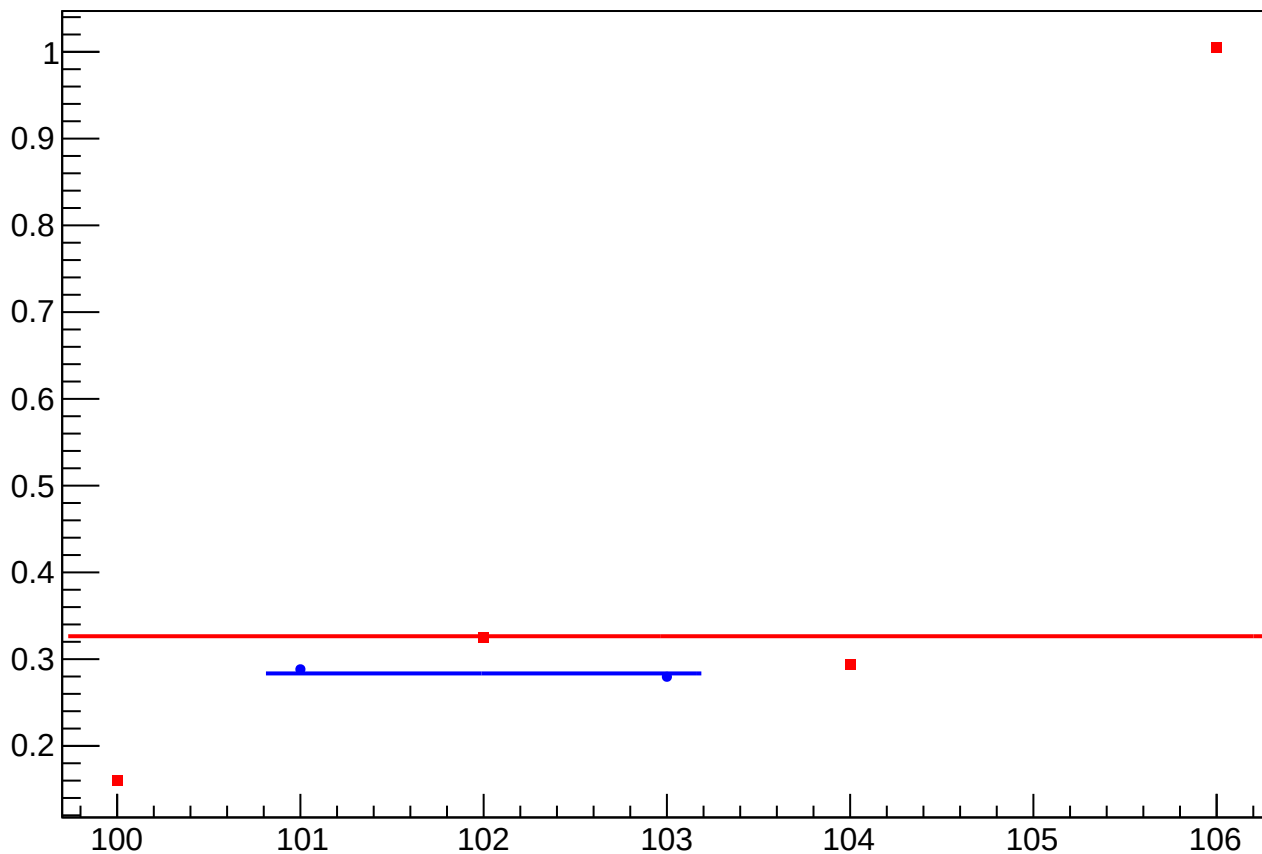
Right: 0.015+/-0.000 χ^2/NDF : 54012.9/5

In: 0.015+/-0.000 χ^2/NDF : 54.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 54012.9/5

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.284+/-0.000 χ^2/NDF : 489930.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.326+/-0.000 χ^2/NDF : 605225436.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

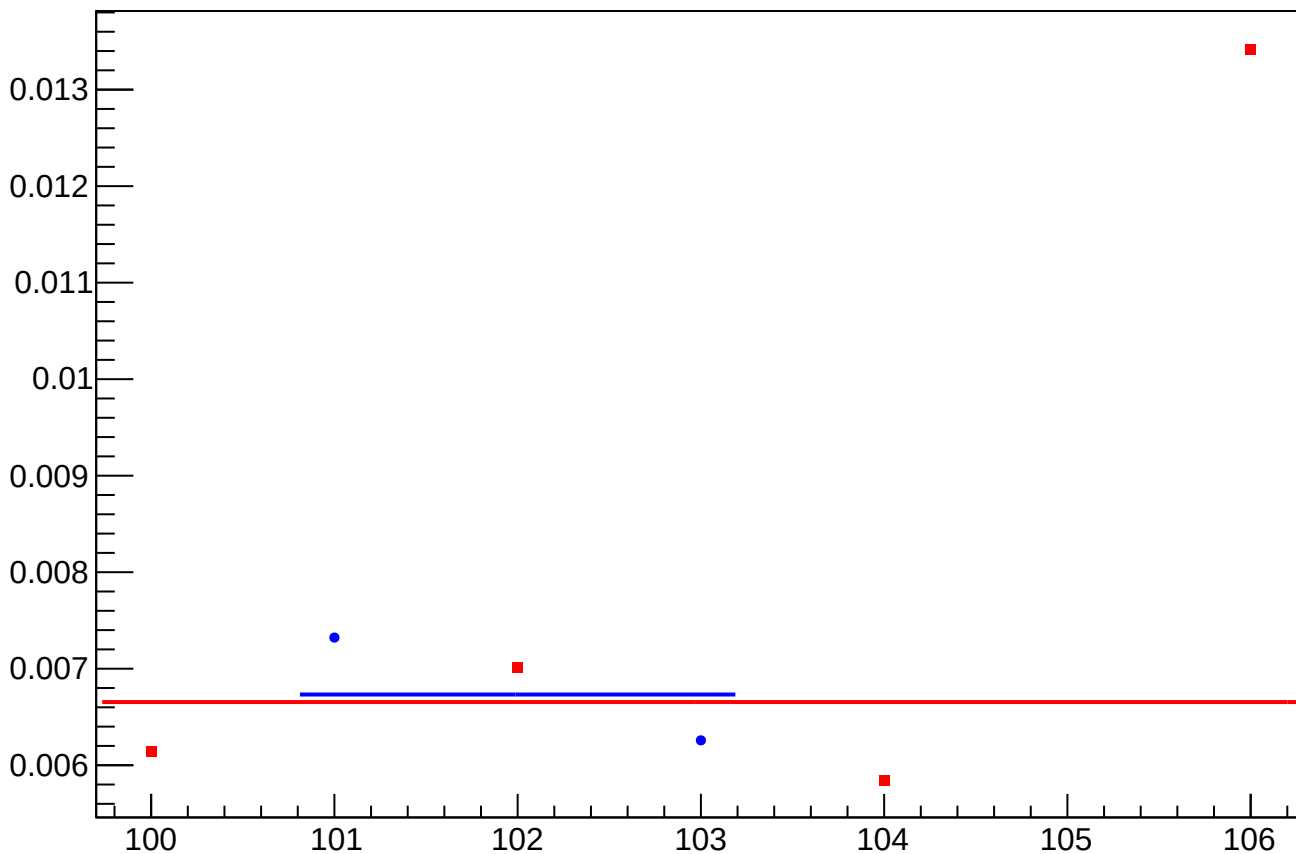
Right: 0.306+/-0.000 χ^2/NDF : 631728686.6/5

In: 0.284+/-0.000 χ^2/NDF : 489930.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.306+/-0.000 χ^2/NDF : 631728686.6/5

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 14936.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 129883.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

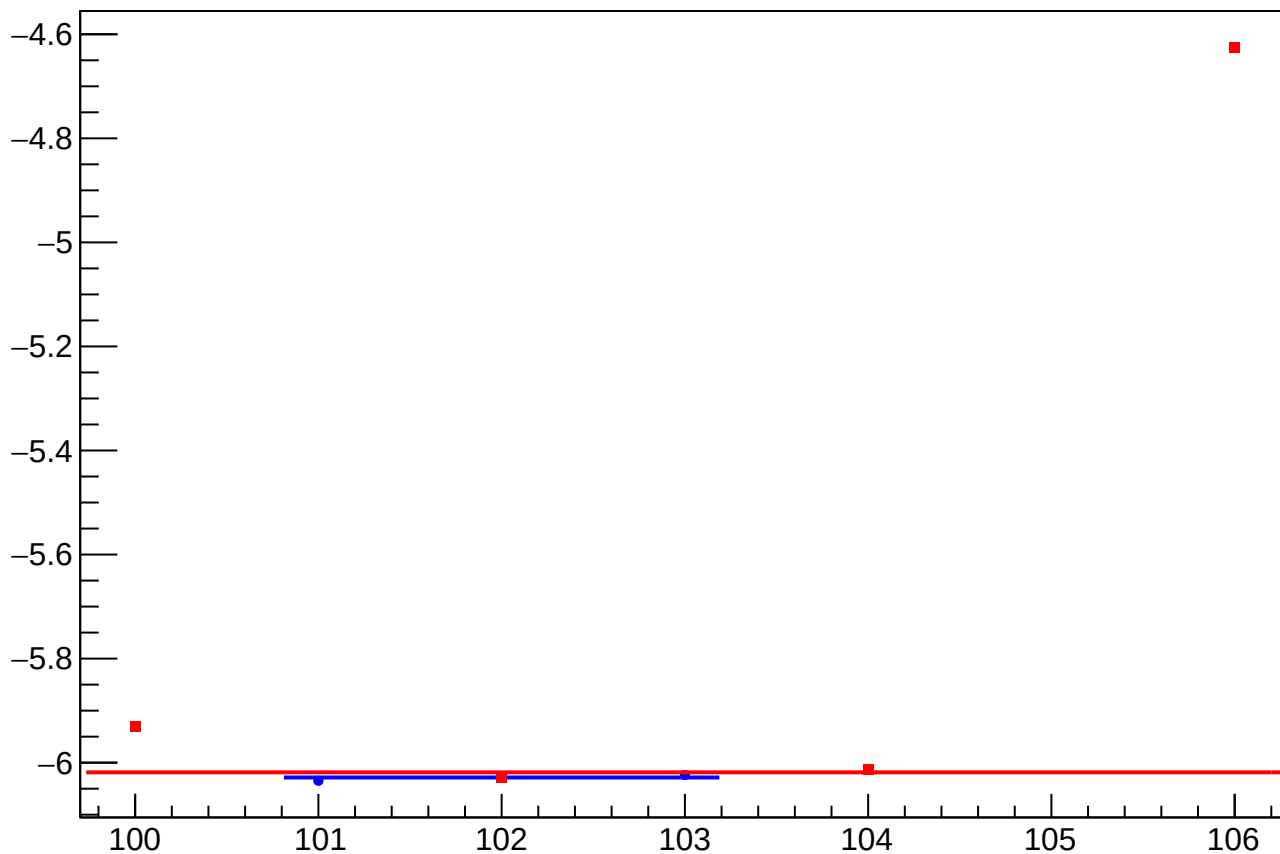
Right: 0.007+/-0.000 χ^2/NDF : 144991.0/5

In: 0.007+/-0.000 χ^2/NDF : 14936.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 144991.0/5

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.028+/-0.000 χ^2/NDF : 1520136.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.019+/-0.000 χ^2/NDF : 53275975.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

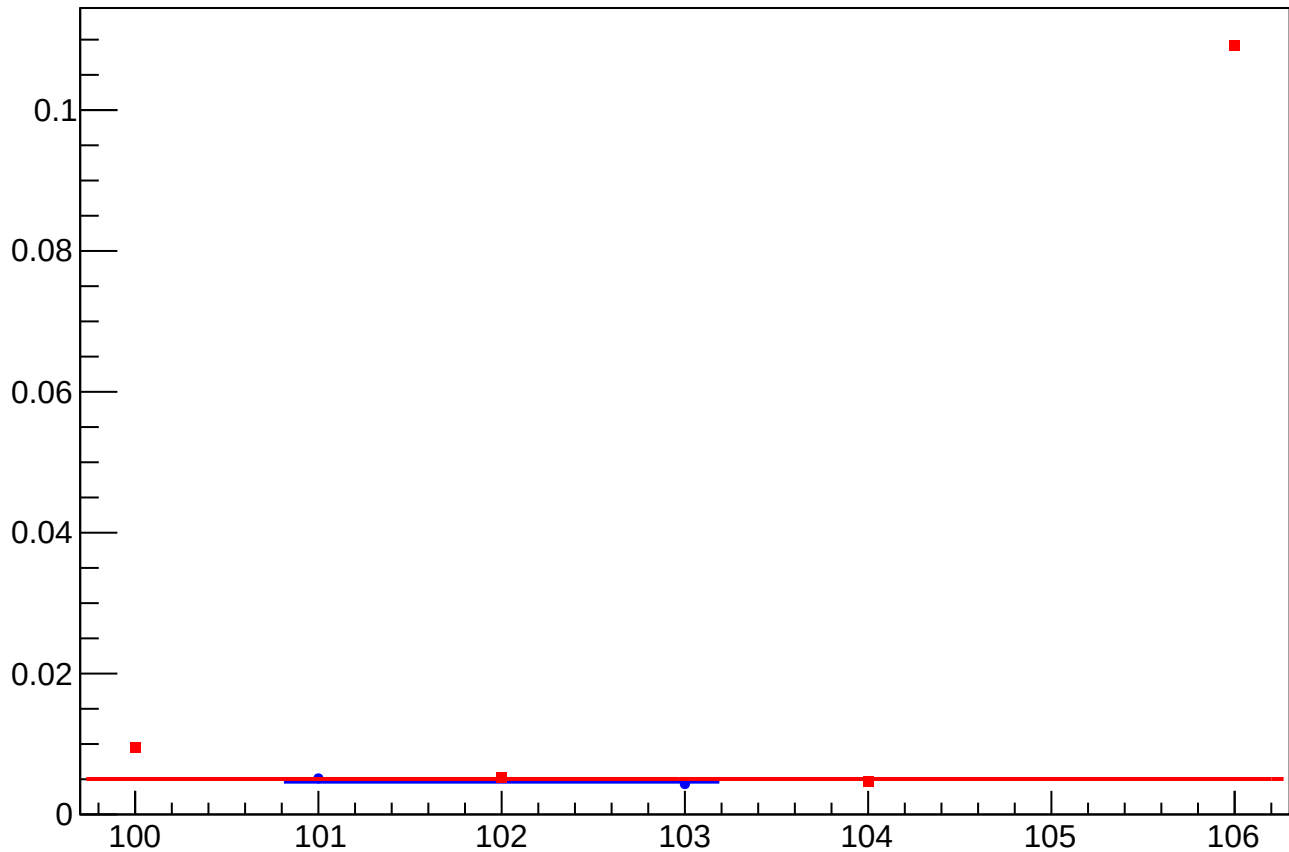
Right: -6.024+/-0.000 χ^2/NDF : 57005616.0/5

In: -6.028+/-0.000 χ^2/NDF : 1520136.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.024+/-0.000 χ^2/NDF : 57005616.0/5

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 15960.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 556910.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

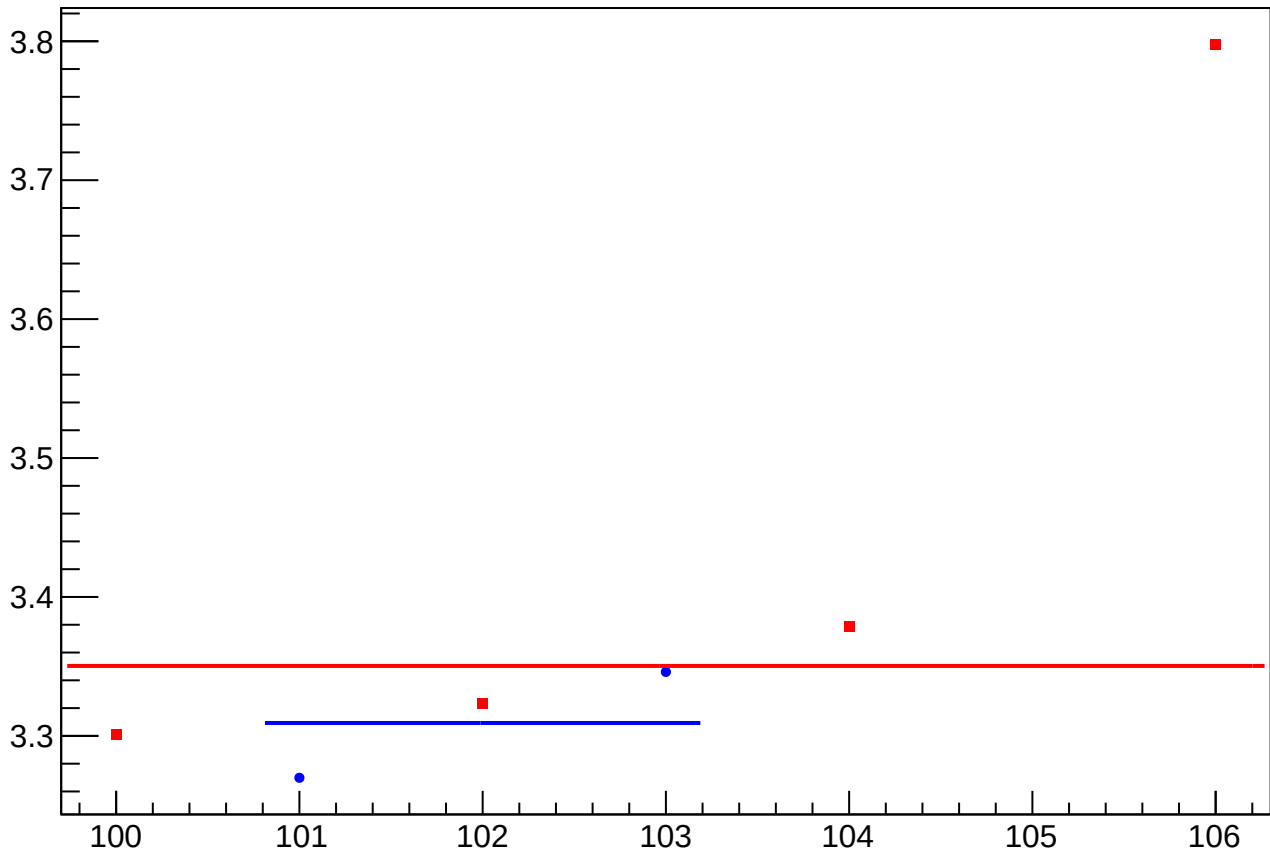
Right: 0.005+/-0.000 χ^2/NDF : 579350.4/5

In: 0.005+/-0.000 χ^2/NDF : 15960.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 579350.4/5

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.309+/-0.000 χ^2/NDF : 43539187.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.350+/-0.000 χ^2/NDF : 27142143.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

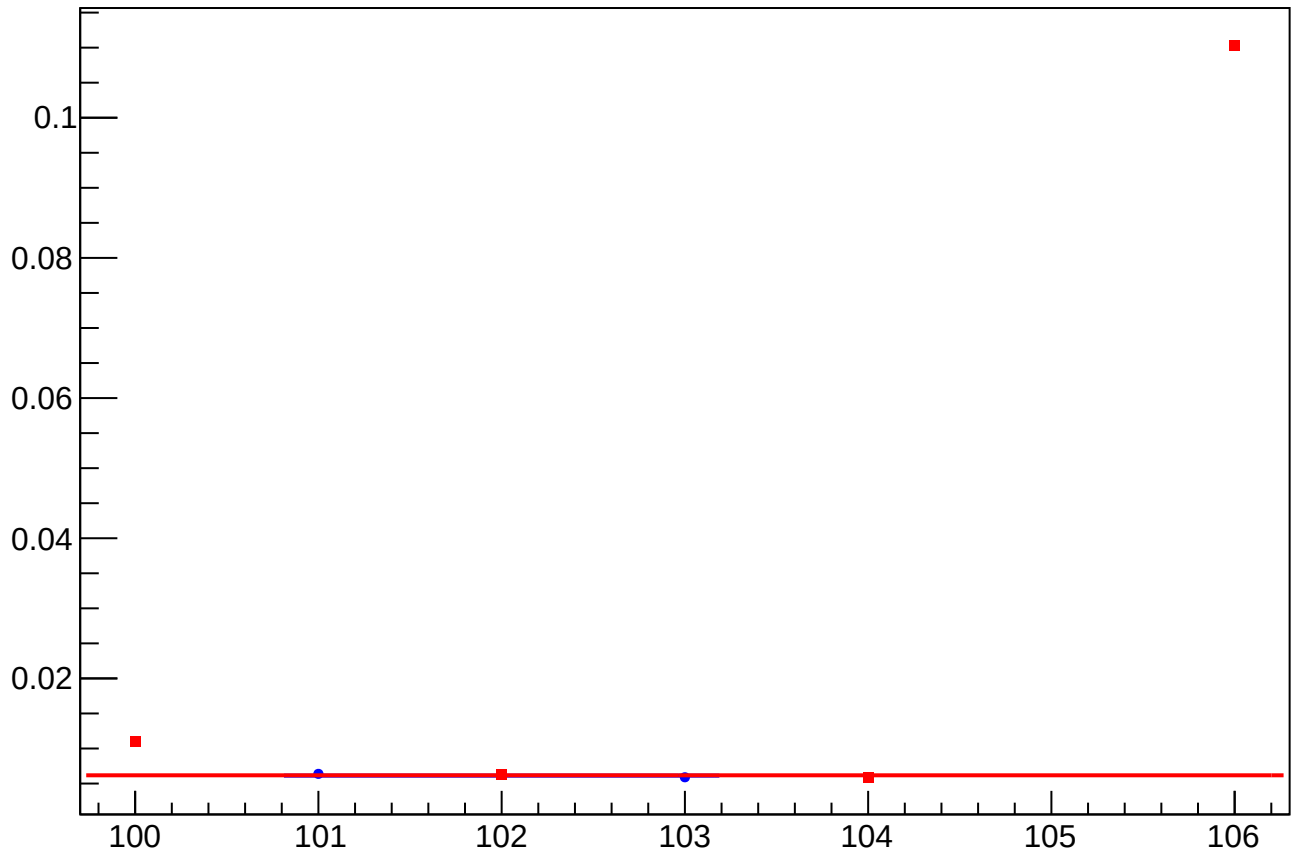
Right: 3.329+/-0.000 χ^2/NDF : 95231669.6/5

In: 3.309+/-0.000 χ^2/NDF : 43539187.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.329+/-0.000 χ^2/NDF : 95231669.6/5

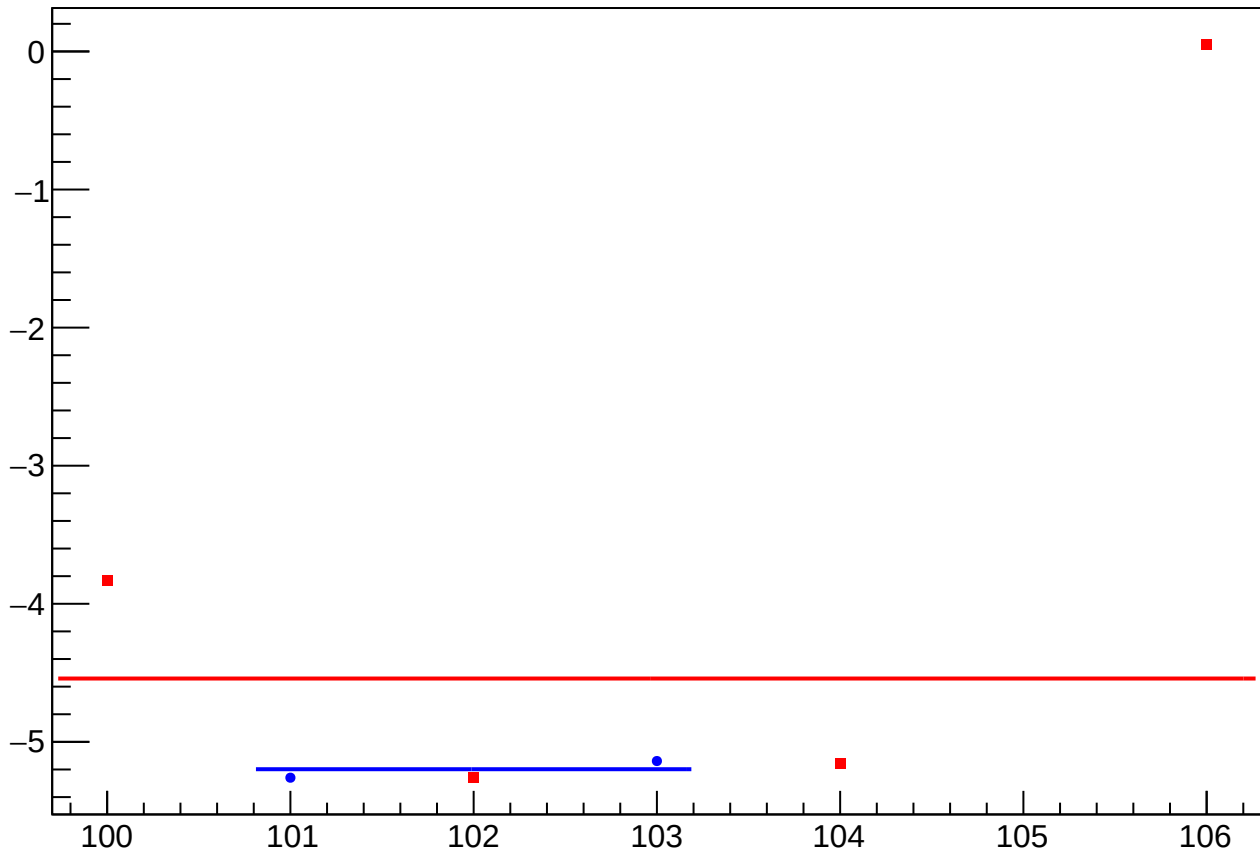
yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3546.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.000 χ^2/NDF : 537764.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.006+/-0.000 χ^2/NDF : 541375.7/5
 In: 0.006+/-0.000 χ^2/NDF : 3546.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.006+/-0.000 χ^2/NDF : 541375.7/5

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -5.198+/-0.000 χ^2/NDF : 30980621.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.541+/-0.000 χ^2/NDF : 26962608020.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

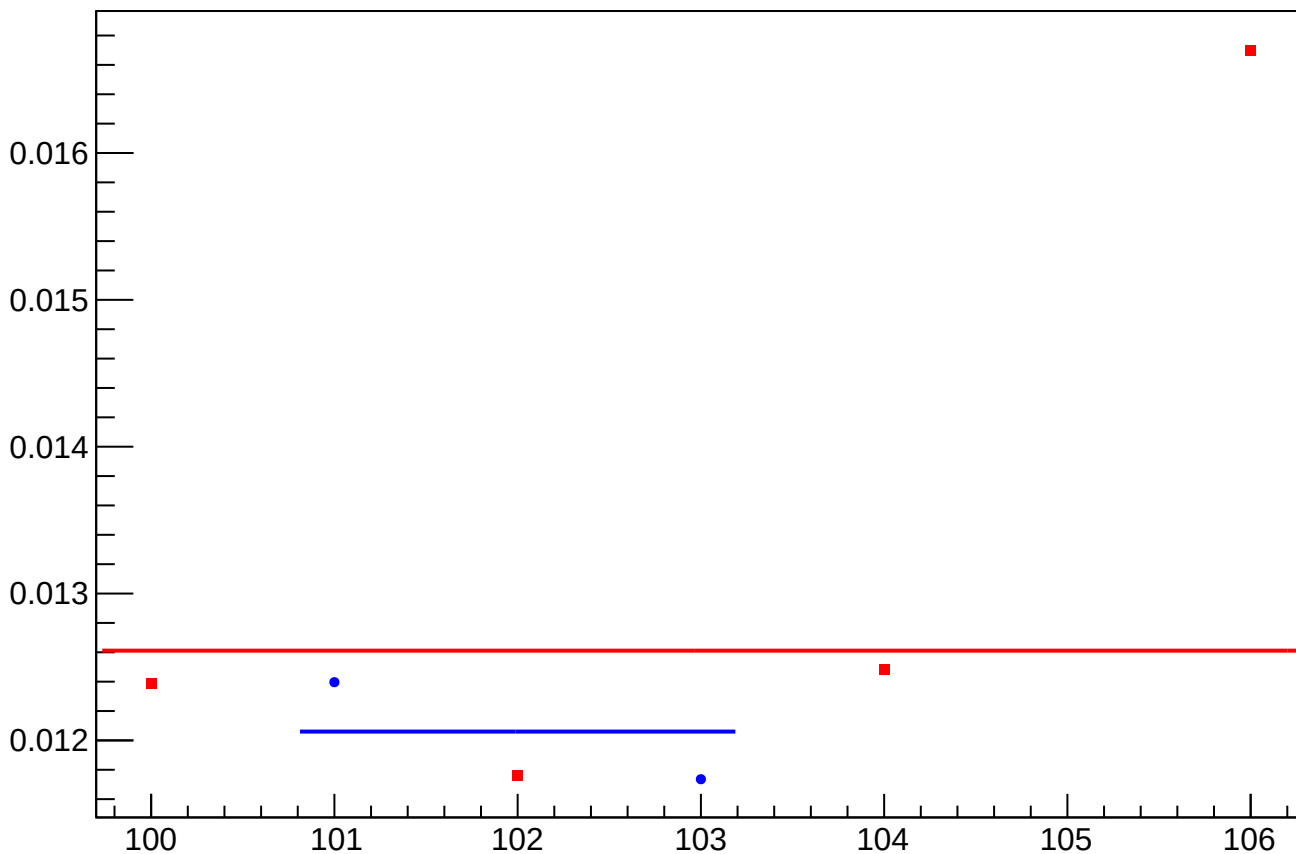
Right: -4.852+/-0.000 χ^2/NDF : 28927411300.1/5

In: -5.198+/-0.000 χ^2/NDF : 30980621.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.852+/-0.000 χ^2/NDF : 28927411300.1/5

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1856.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 43449.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

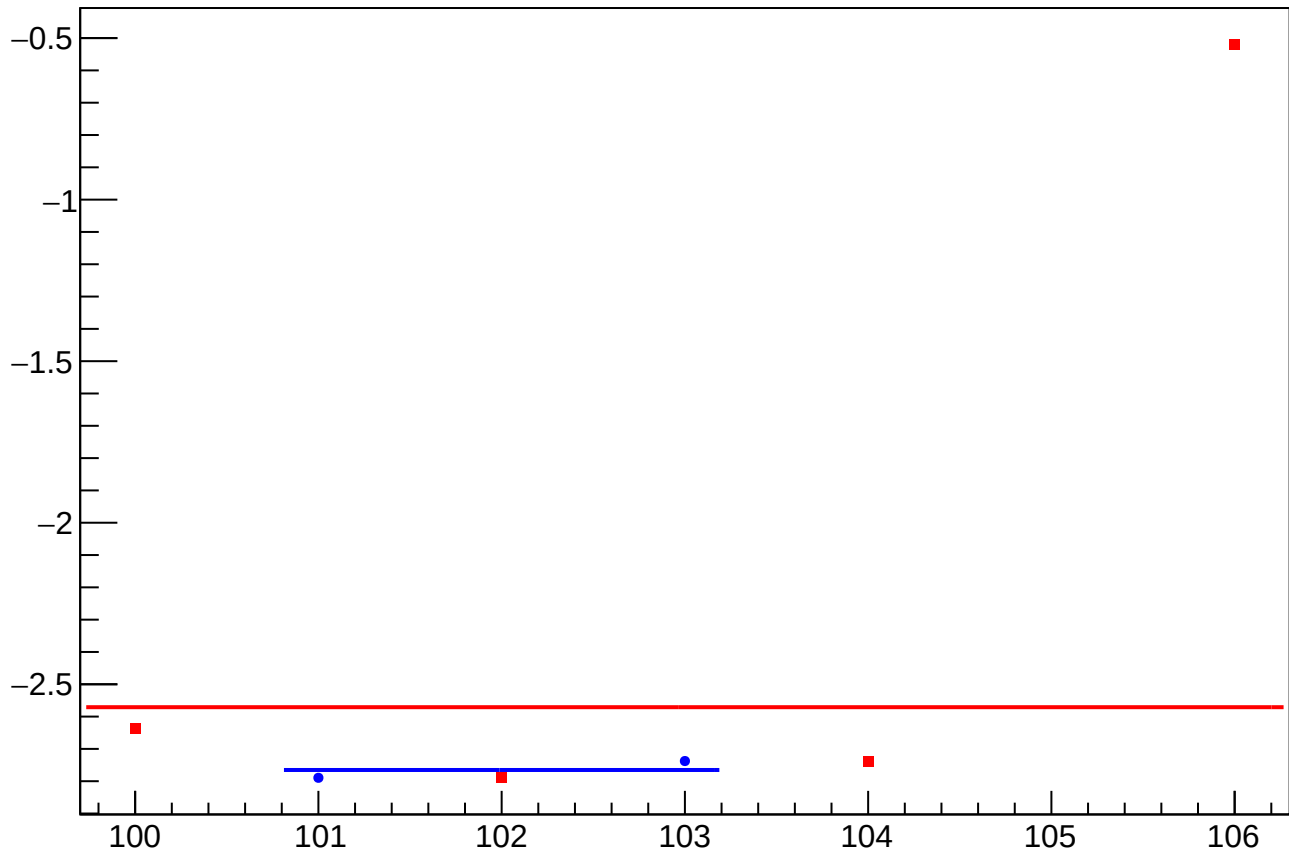
Right: 0.012+/-0.000 χ^2/NDF : 48030.2/5

In: 0.012+/-0.000 χ^2/NDF : 1856.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 48030.2/5

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.765+/-0.000 χ^2/NDF : 53952343.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.571+/-0.000 χ^2/NDF : 37622252647.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

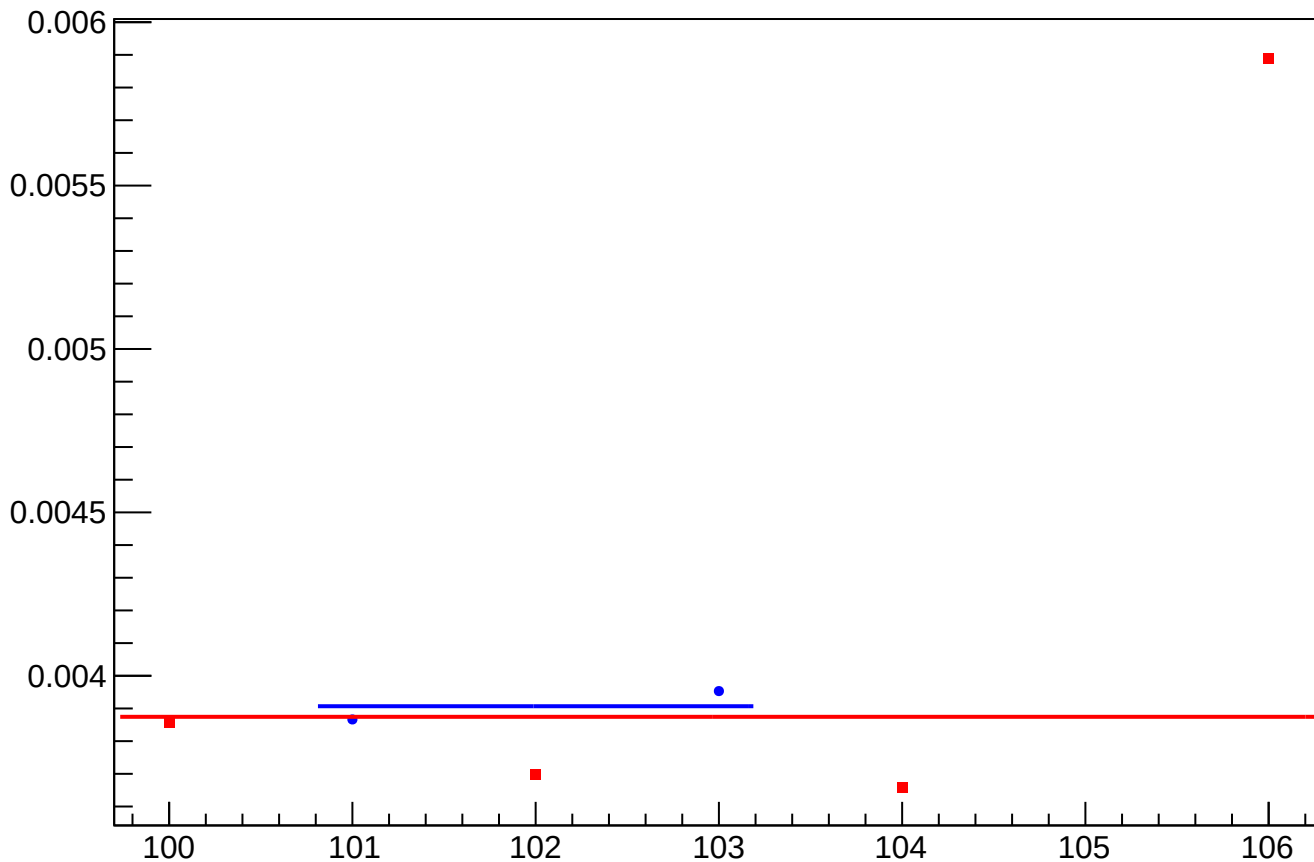
Right: -2.659+/-0.000 χ^2/NDF : 39341661959.8/5

In: -2.765+/-0.000 χ^2/NDF : 53952343.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.659+/-0.000 χ^2/NDF : 39341661959.8/5

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 301.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 72791.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

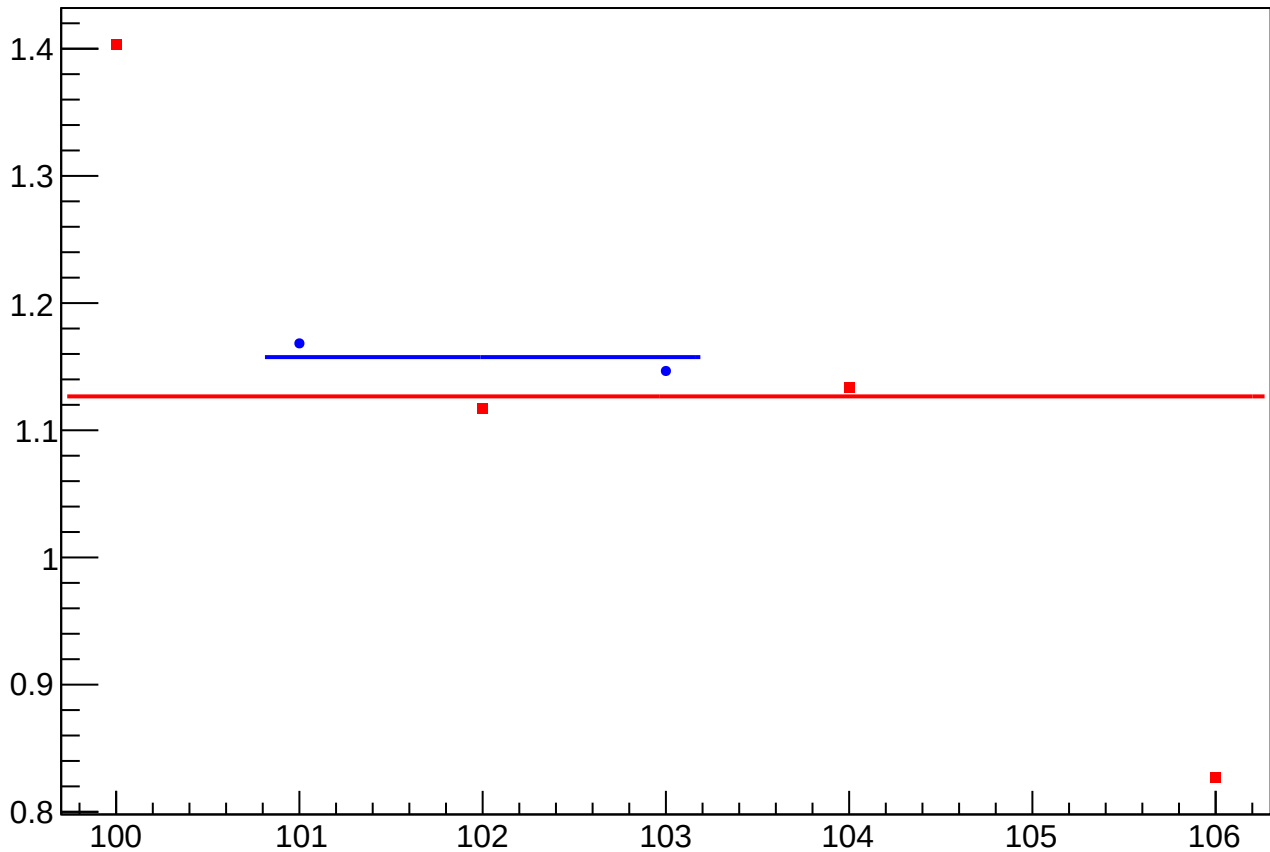
Right: 0.004+/-0.000 χ^2/NDF : 73185.6/5

In: 0.004+/-0.000 χ^2/NDF : 301.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 73185.6/5

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.158+/-0.000 χ^2/NDF : 8327711.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.127+/-0.000 χ^2/NDF : 545609105.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

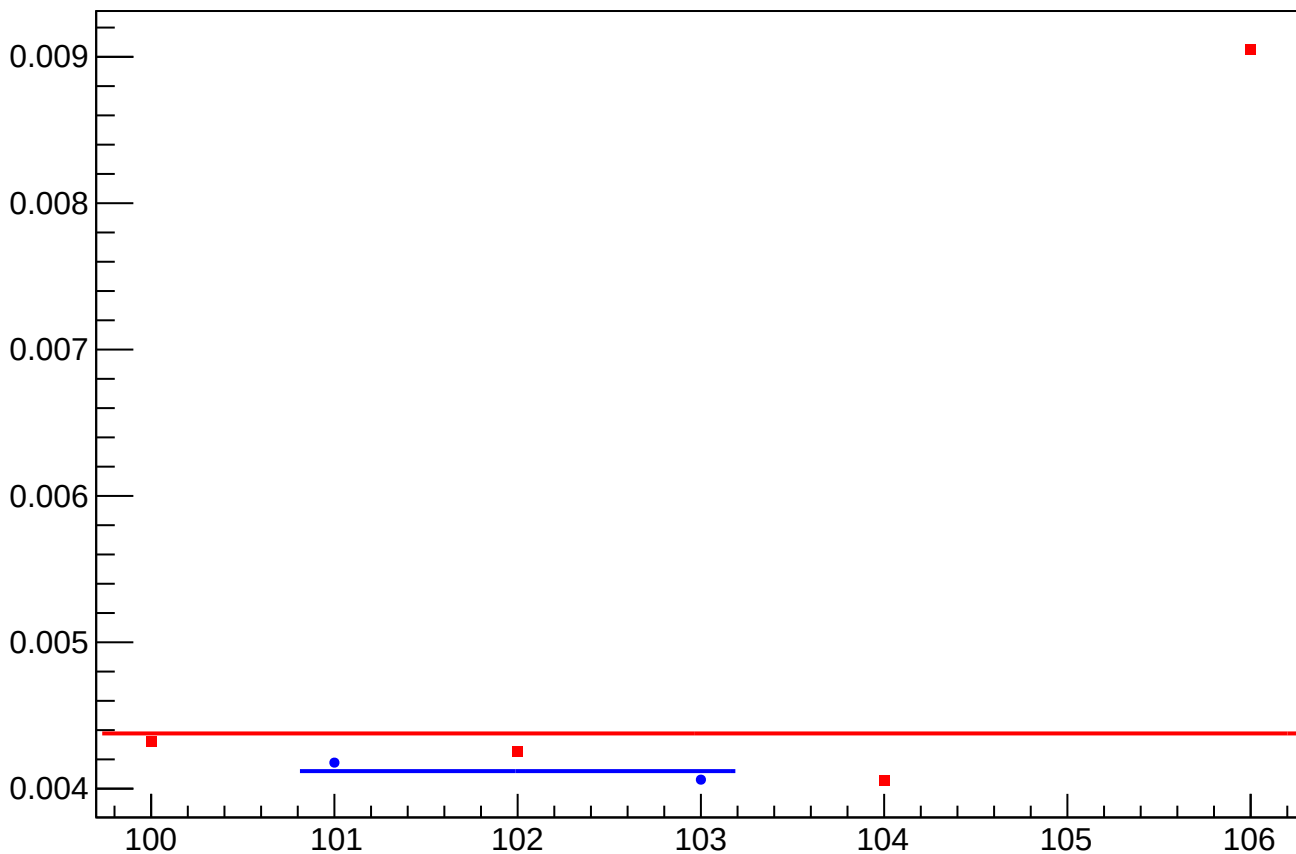
Right: 1.142+/-0.000 χ^2/NDF : 587650065.9/5

In: 1.158+/-0.000 χ^2/NDF : 8327711.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.142+/-0.000 χ^2/NDF : 587650065.9/5

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 478.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 137381.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

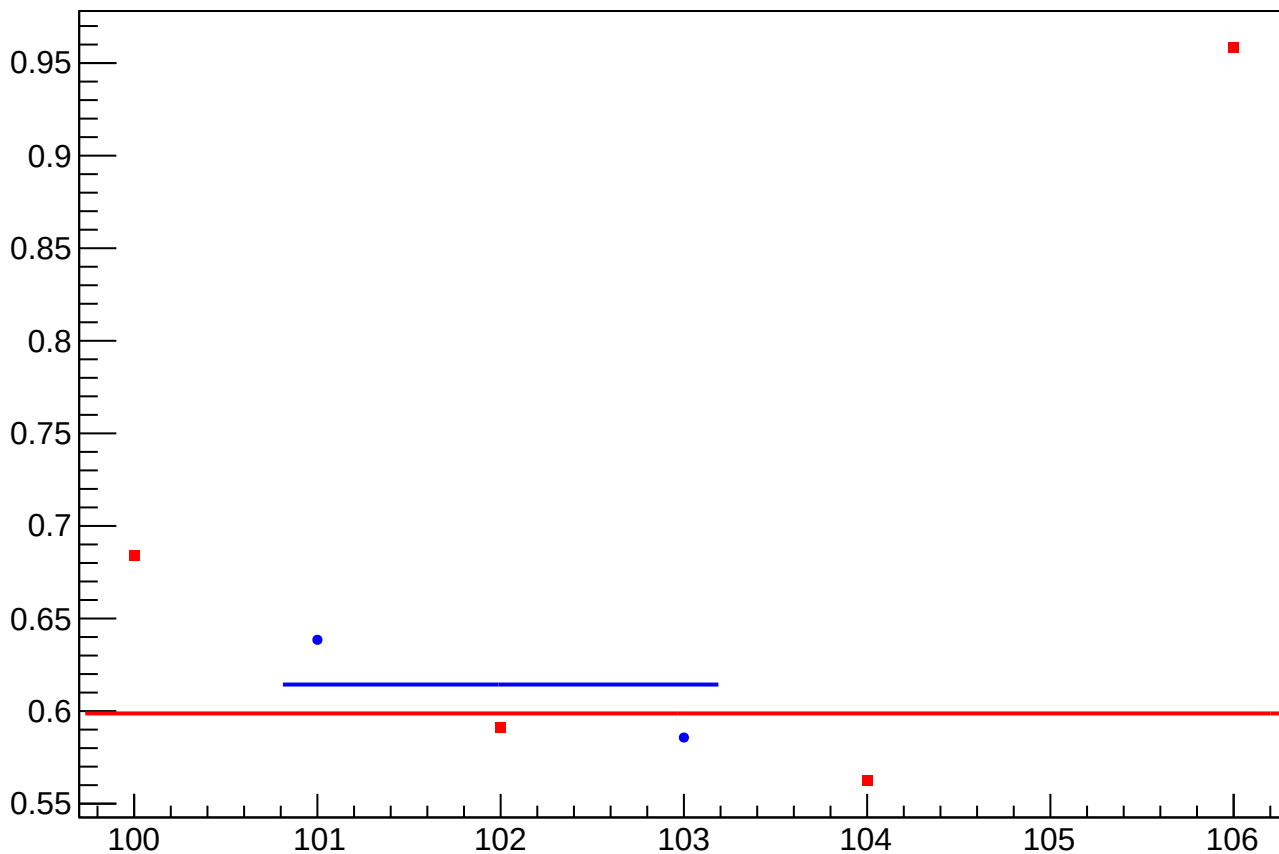
Right: 0.004 $\pm$ 0.000 χ^2 /NDF: 142543.9/5

In: 0.004 $\pm$ 0.000 χ^2 /NDF:478.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 142543.9/5

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.614+/-0.000 χ^2/NDF : 60726545.6/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.599+/-0.000 χ^2/NDF : 552529693.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

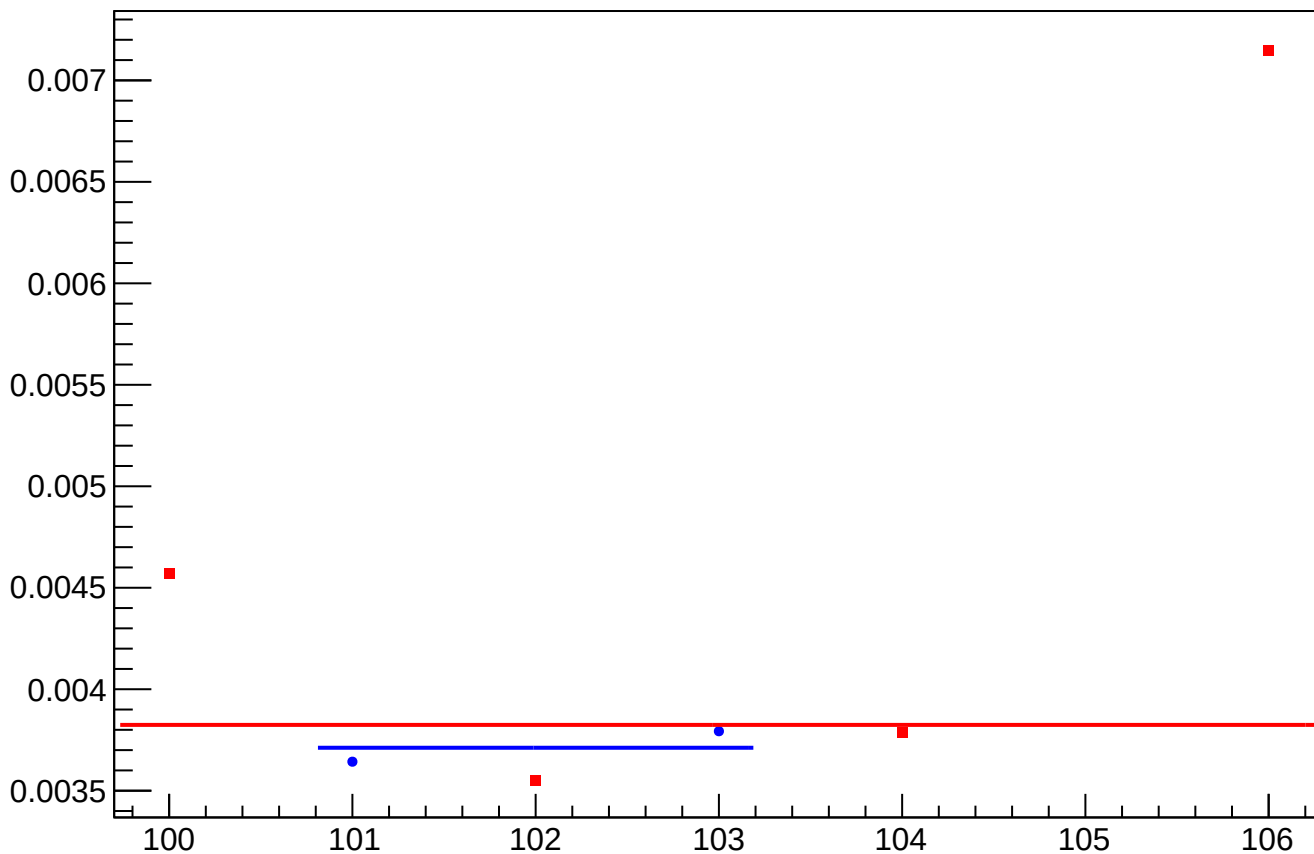
Right: 0.606+/-0.000 χ^2/NDF : 624110559.5/5

In: 0.614+/-0.000 χ^2/NDF :60726545.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.606+/-0.000 χ^2/NDF : 624110559.5/5

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 981.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 93362.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

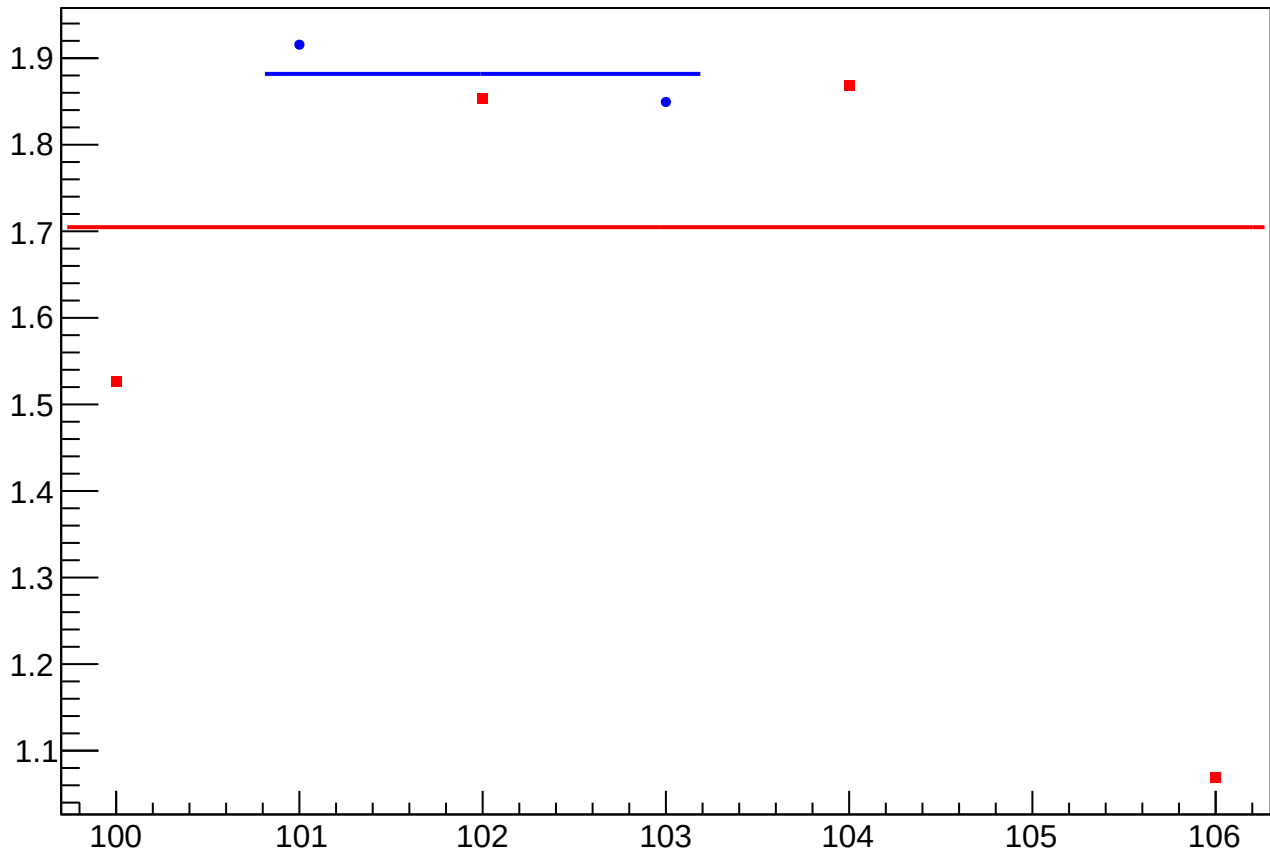
Right: 0.004+/-0.000 χ^2/NDF : 95474.7/5

In: 0.004+/-0.000 χ^2/NDF : 981.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 95474.7/5

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 1.882 $\pm$ 0.000 χ^2 /NDF: 22459640.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.705 $\pm$ 0.000 χ^2 /NDF: 2284942640.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

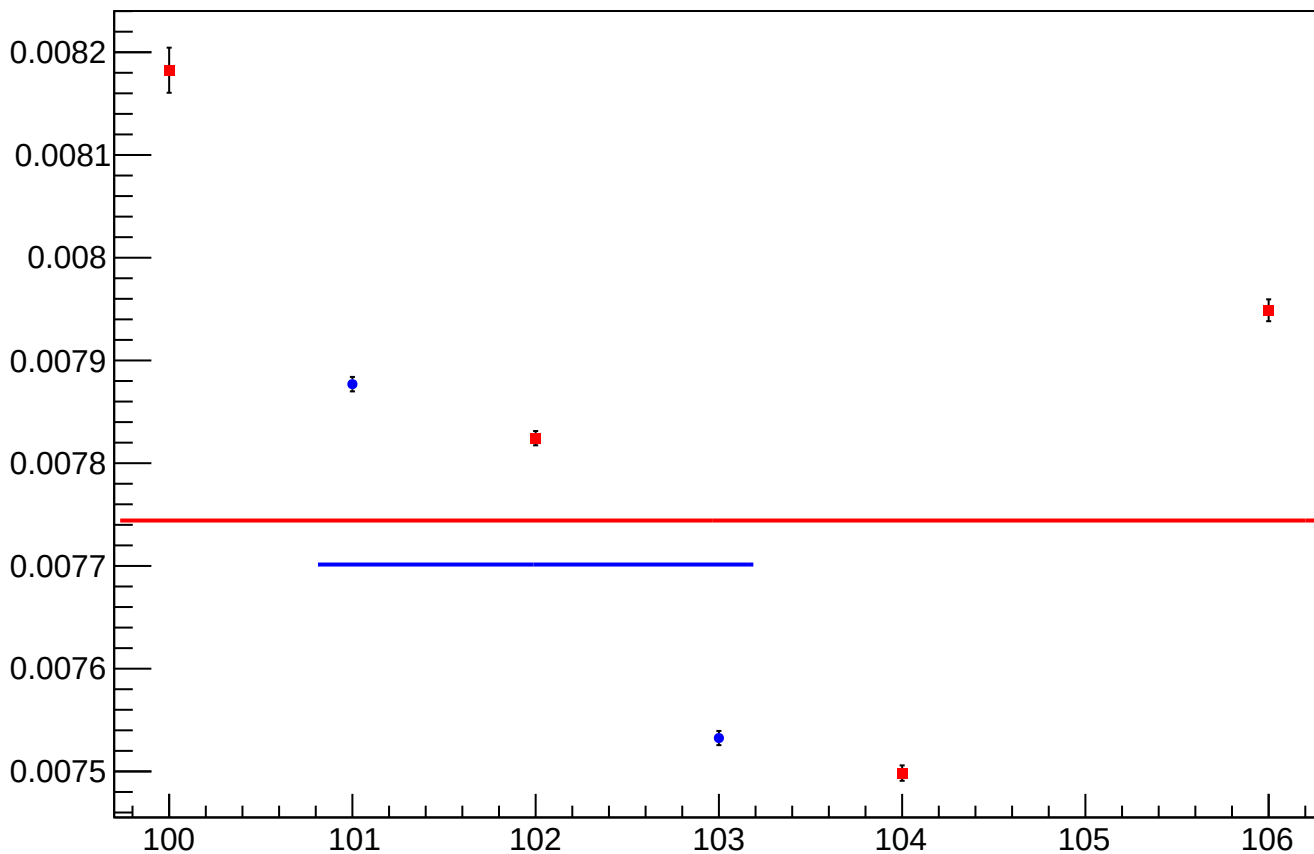
Right: 1.785 $\pm$ 0.000 χ^2 /NDF: 2658764537.5/5

In: 1.882 $\pm$ 0.000 χ^2 /NDF:22459640.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.785 $\pm$ 0.000 χ^2 /NDF: 2658764537.5/5

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1216.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 1976.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

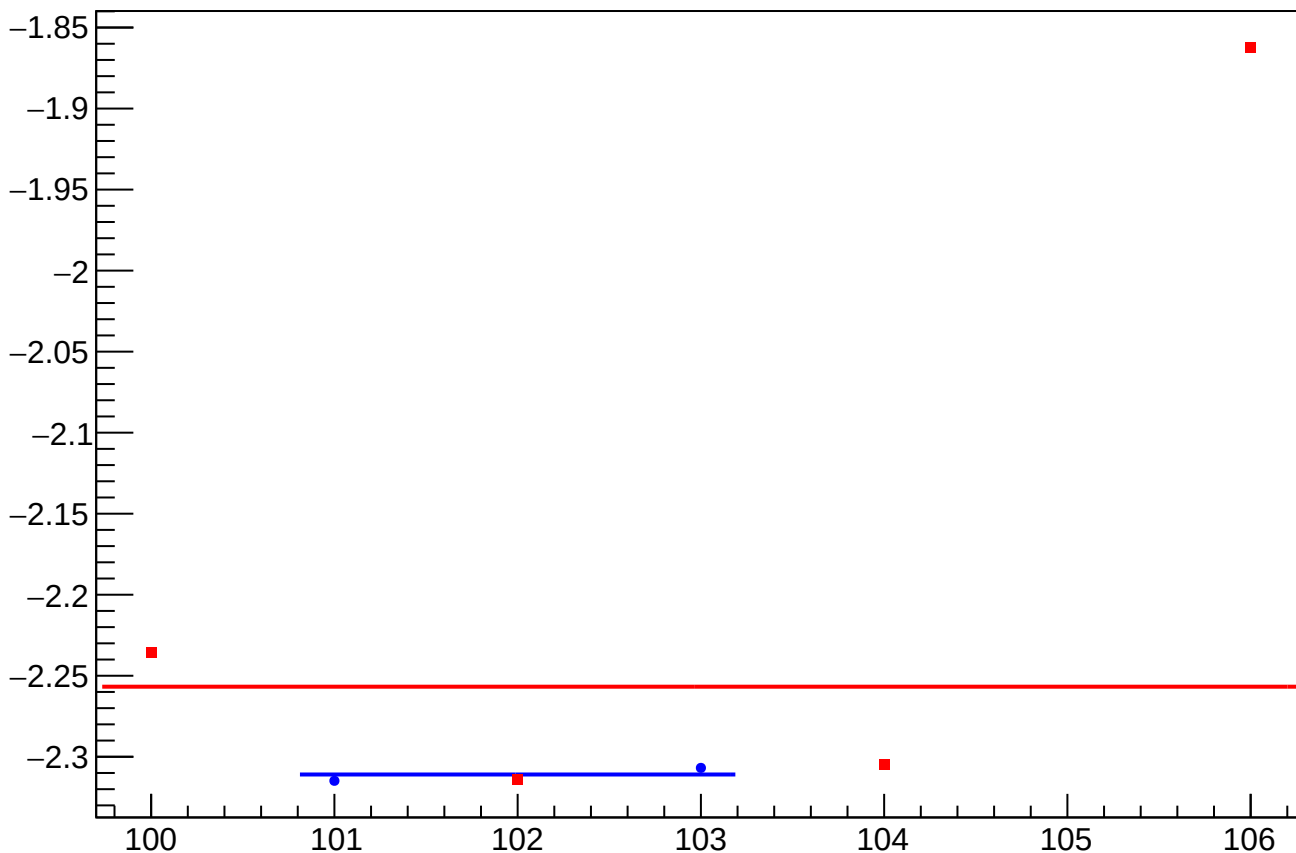
Right: 0.008+/-0.000 χ^2/NDF : 3234.0/5

In: 0.008+/-0.000 χ^2/NDF : 1216.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3234.0/5

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.311 ± 0.000 $\chi^2/\text{NDF}: 3317761.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.257 ± 0.000 $\chi^2/\text{NDF}: 4503000375.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

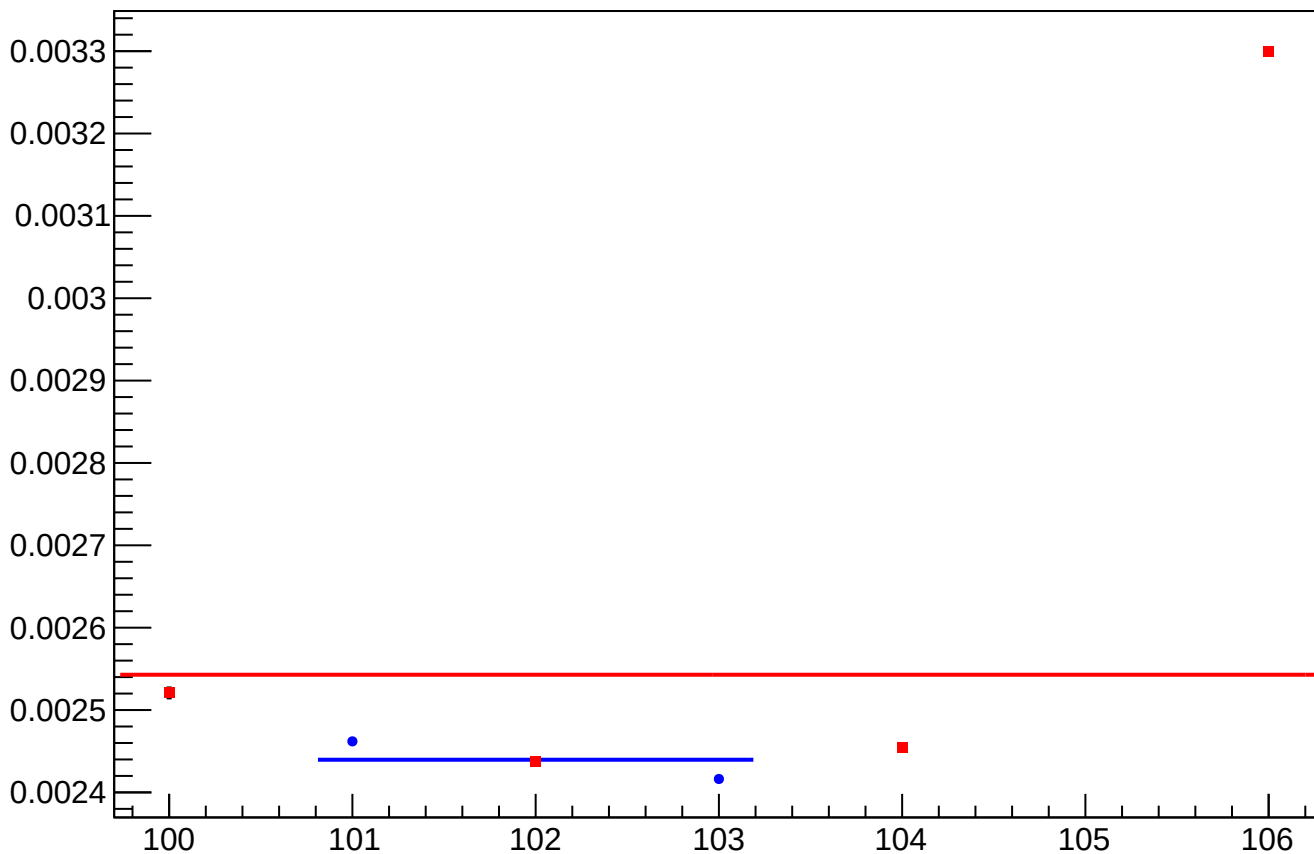
Right: -2.283 ± 0.000 $\chi^2/\text{NDF}: 4828292895.6/5$

In: -2.311 ± 0.000 $\chi^2/\text{NDF}: 3317761.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.283 ± 0.000 $\chi^2/\text{NDF}: 4828292895.6/5$

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 218.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 32866.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

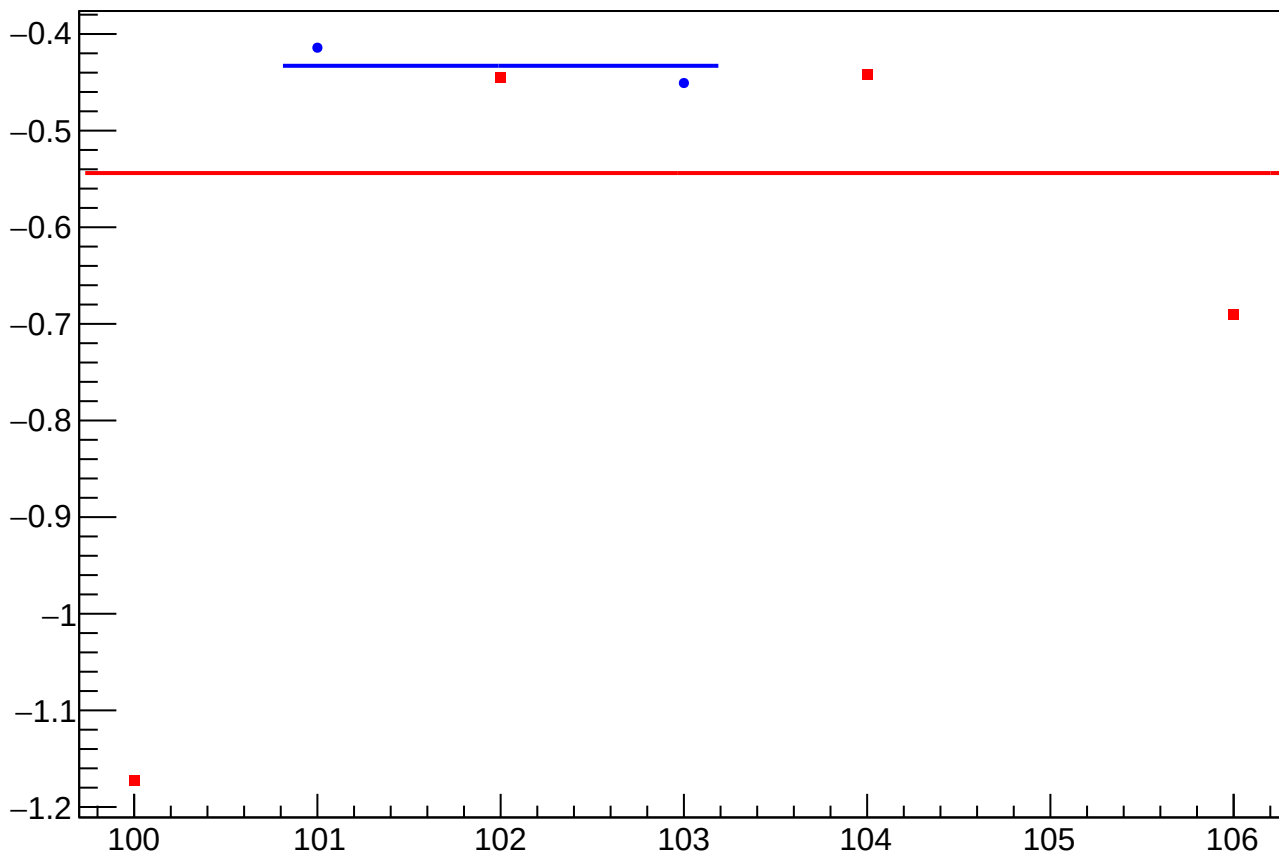
Right: 0.002+/-0.000 χ^2/NDF : 35421.7/5

In: 0.002+/-0.000 χ^2/NDF : 218.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 35421.7/5

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.433+/-0.000 χ^2/NDF : 2464892.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.544+/-0.000 χ^2/NDF : 296879726.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

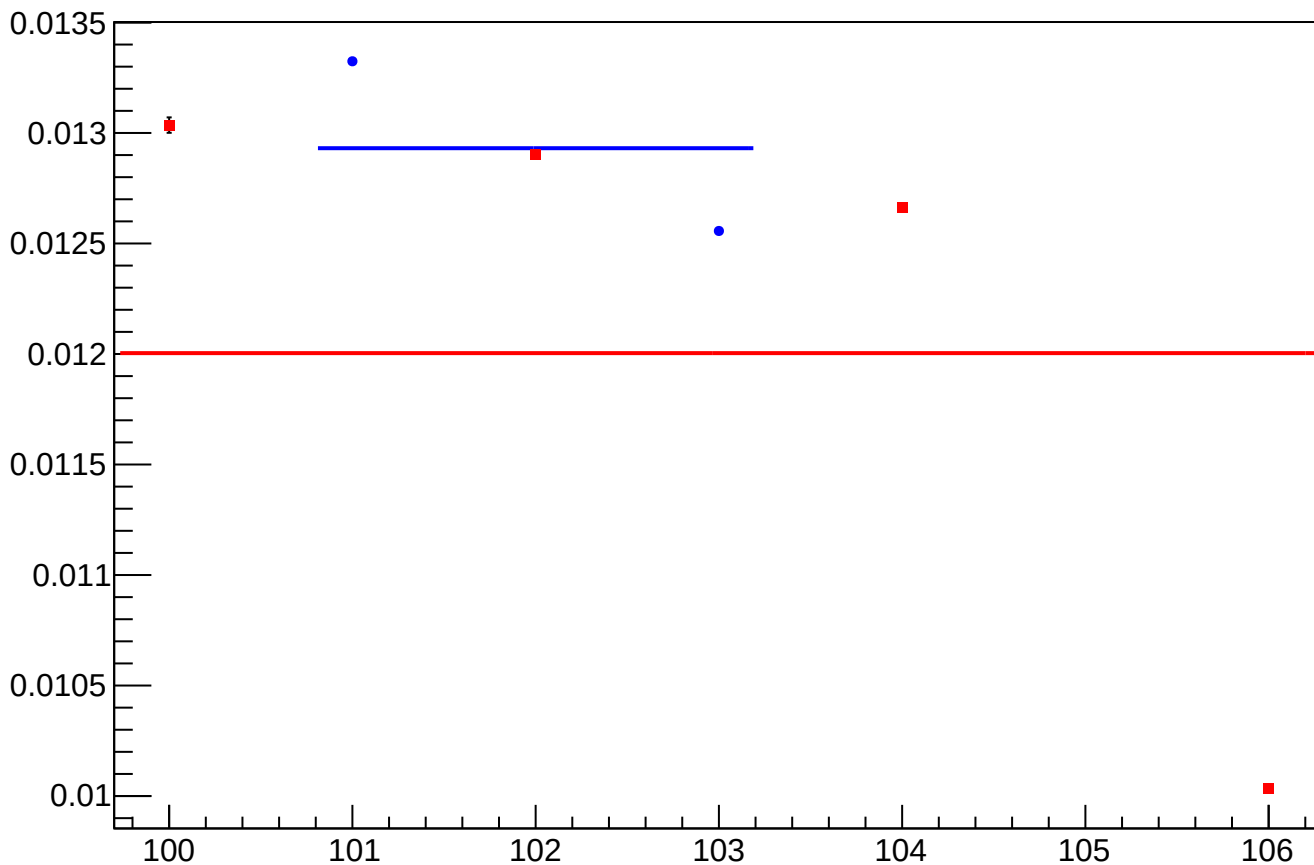
Right: -0.498+/-0.000 χ^2/NDF : 352399769.9/5

In: -0.433+/-0.000 χ^2/NDF :2464892.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.498+/-0.000 χ^2/NDF : 352399769.9/5

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 2172.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 33019.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

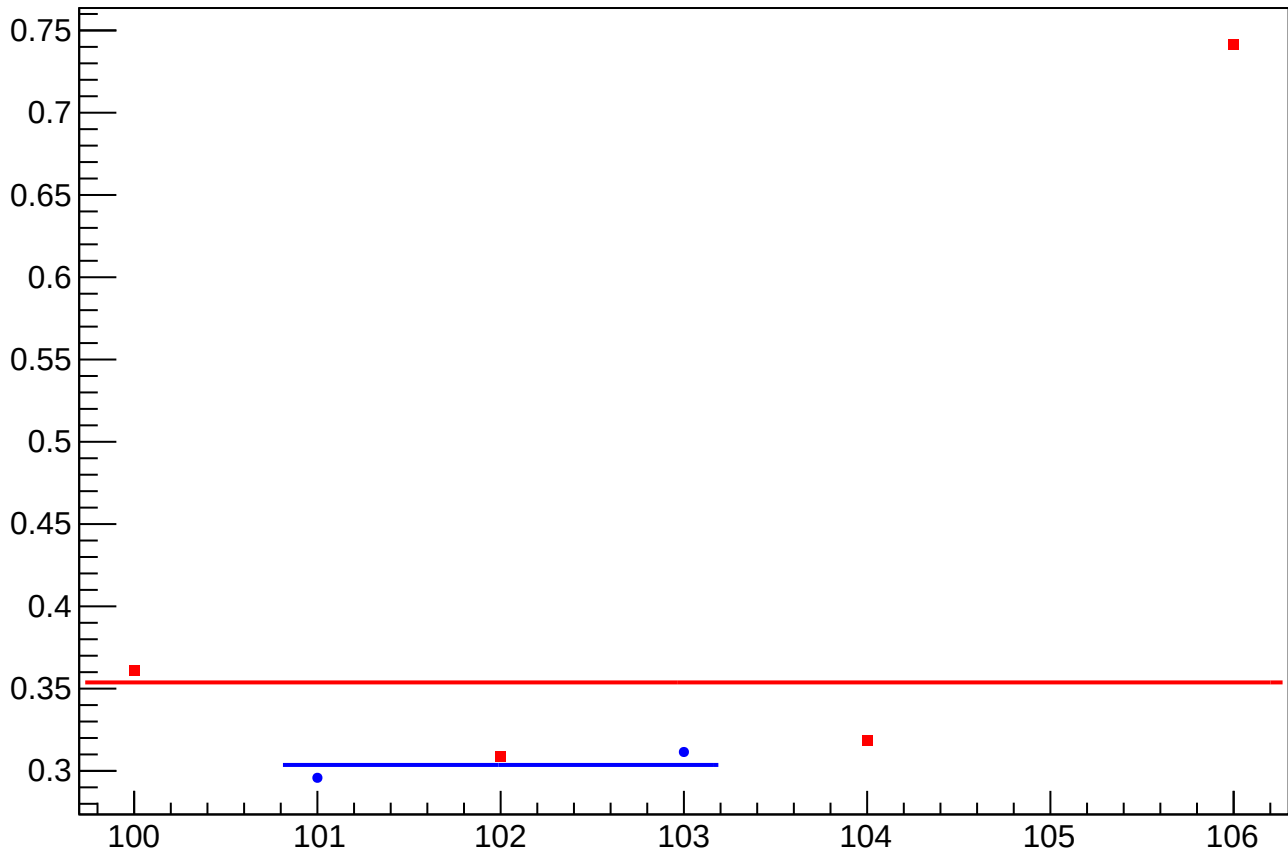
Right: 0.012+/-0.000 χ^2/NDF : 42592.7/5

In: 0.013+/-0.000 χ^2/NDF :2172.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 42592.7/5

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.304+/-0.000 χ^2/NDF : 13128771.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.354+/-0.000 χ^2/NDF : 3429901464.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

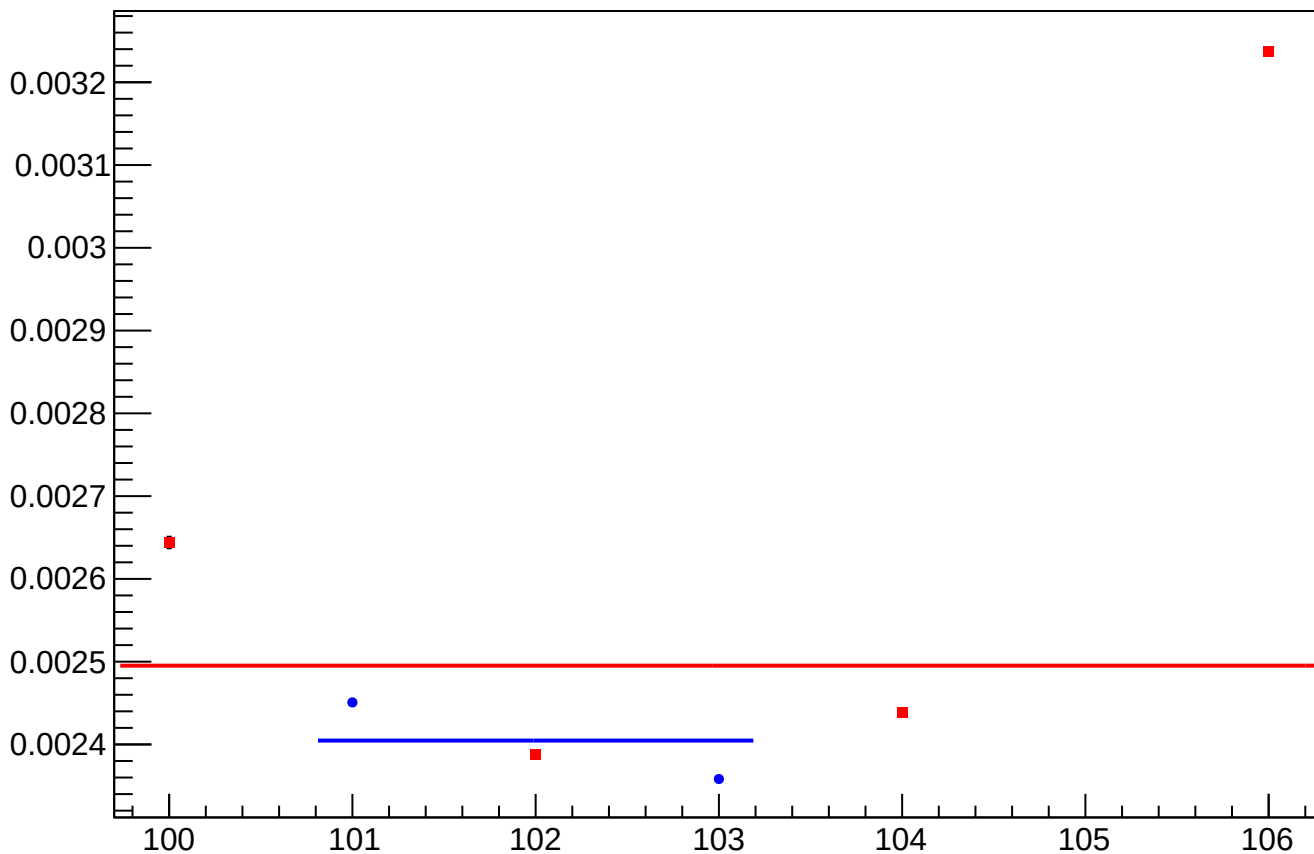
Right: 0.330+/-0.000 χ^2/NDF : 3720462641.6/5

In: 0.304+/-0.000 χ^2/NDF : 13128771.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.330+/-0.000 χ^2/NDF : 3720462641.6/5

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 914.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 26245.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

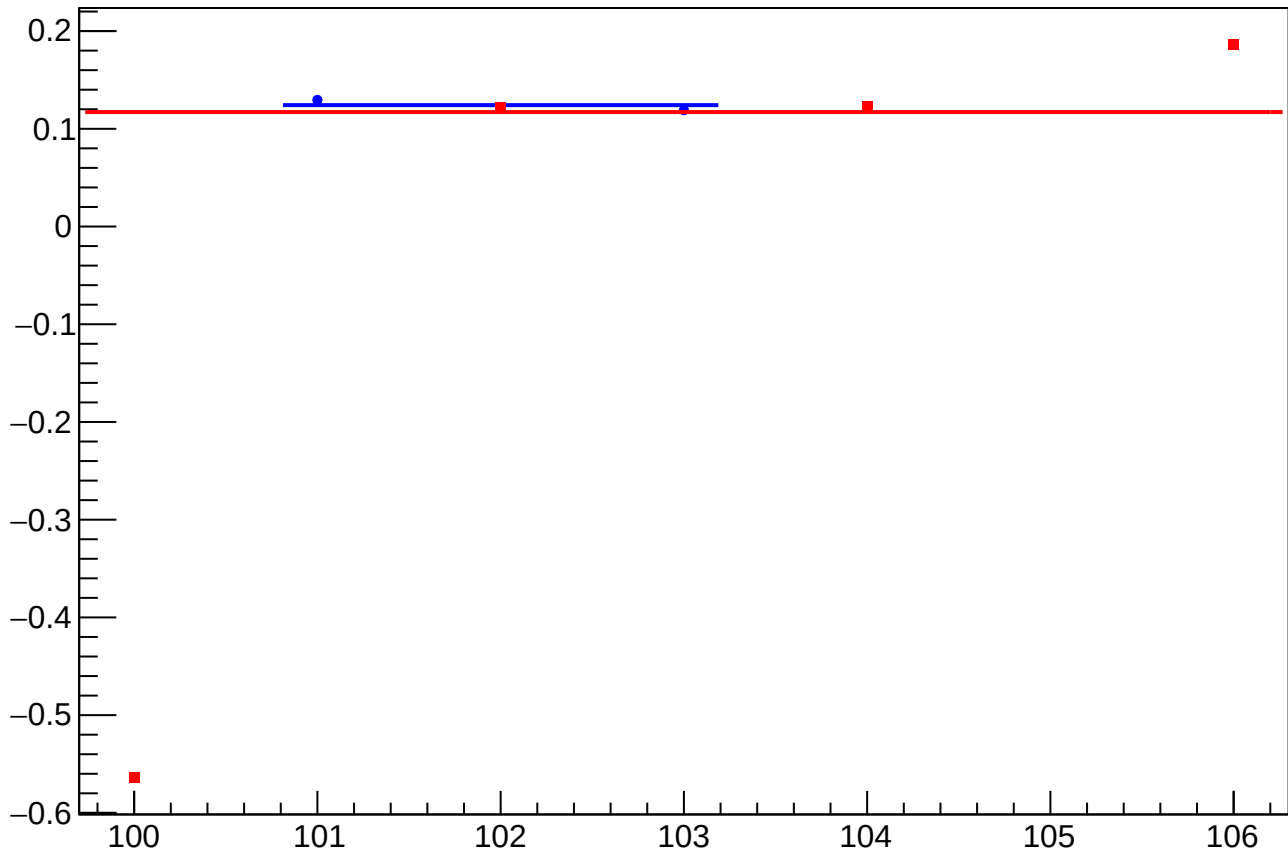
Right: 0.002+/-0.000 χ^2/NDF : 28966.4/5

In: 0.002+/-0.000 χ^2/NDF : 914.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 28966.4/5

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.124+/-0.000 χ^2/NDF : 225719.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.117+/-0.000 χ^2/NDF : 255773686.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

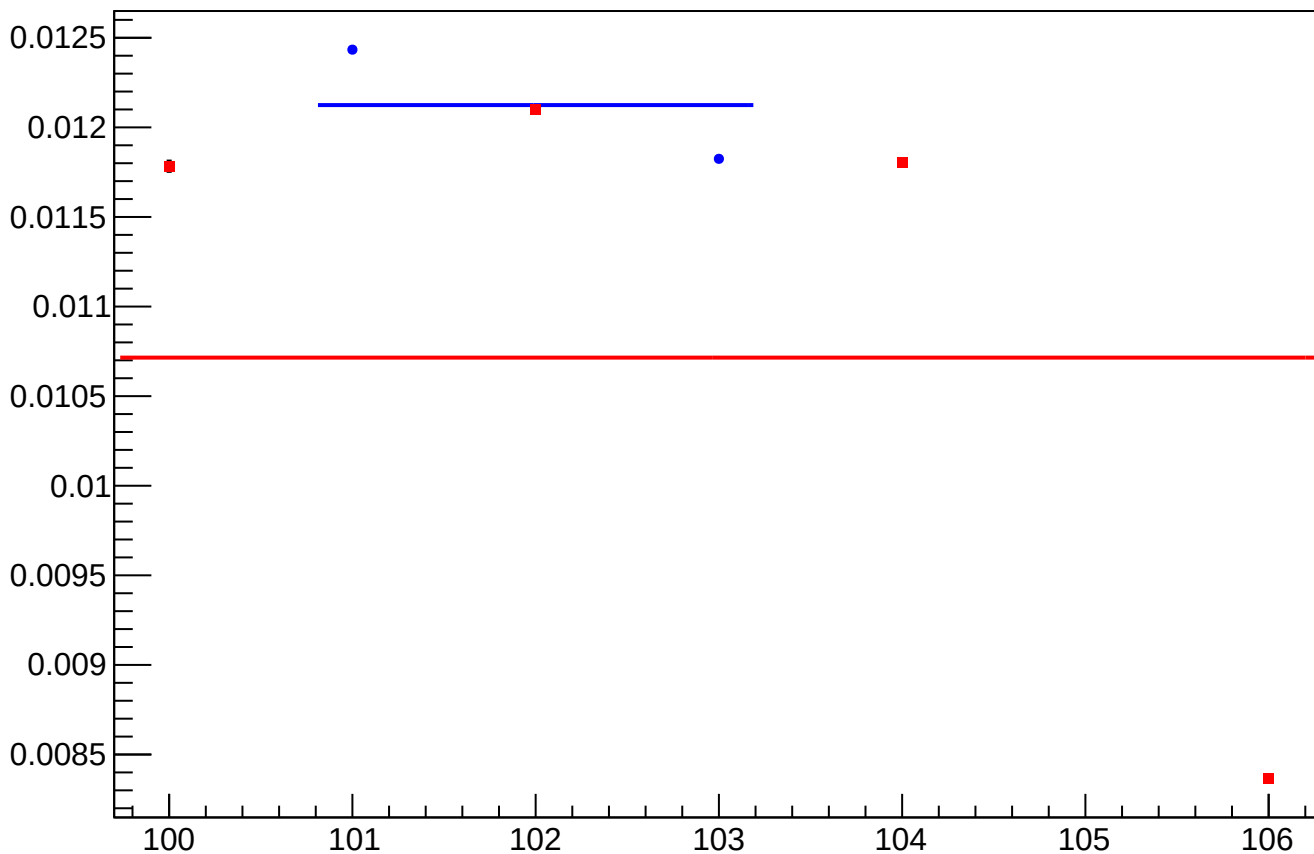
Right: 0.120+/-0.000 χ^2/NDF : 256253133.8/5

In: 0.124+/-0.000 χ^2/NDF : 225719.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.120+/-0.000 χ^2/NDF : 256253133.8/5

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1548.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 75073.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

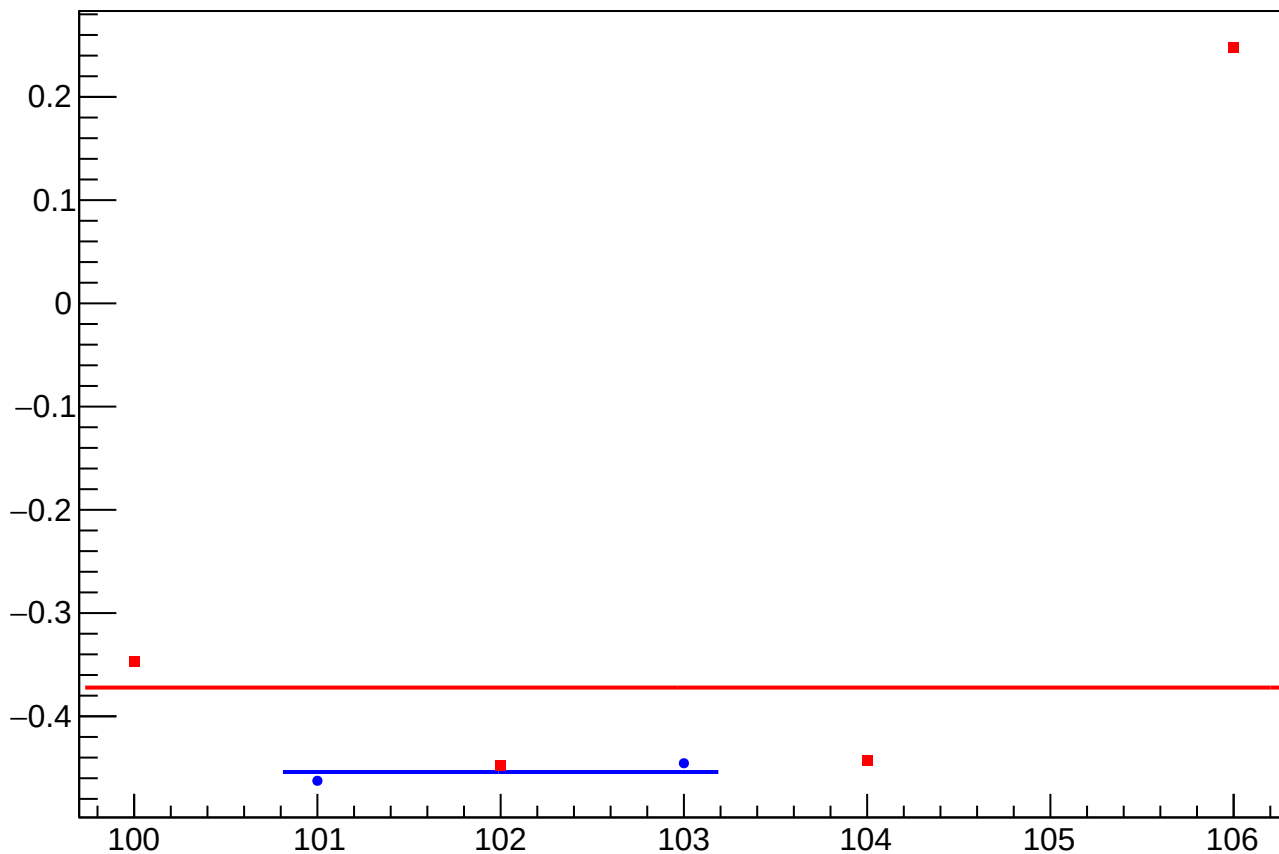
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 96686.1/5

In: 0.012 $\pm$ 0.000 χ^2 /NDF:1548.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 96686.1/5

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.454 ± 0.000 $\chi^2/\text{NDF}: 6924994.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.372 ± 0.000 $\chi^2/\text{NDF}: 4270703021.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

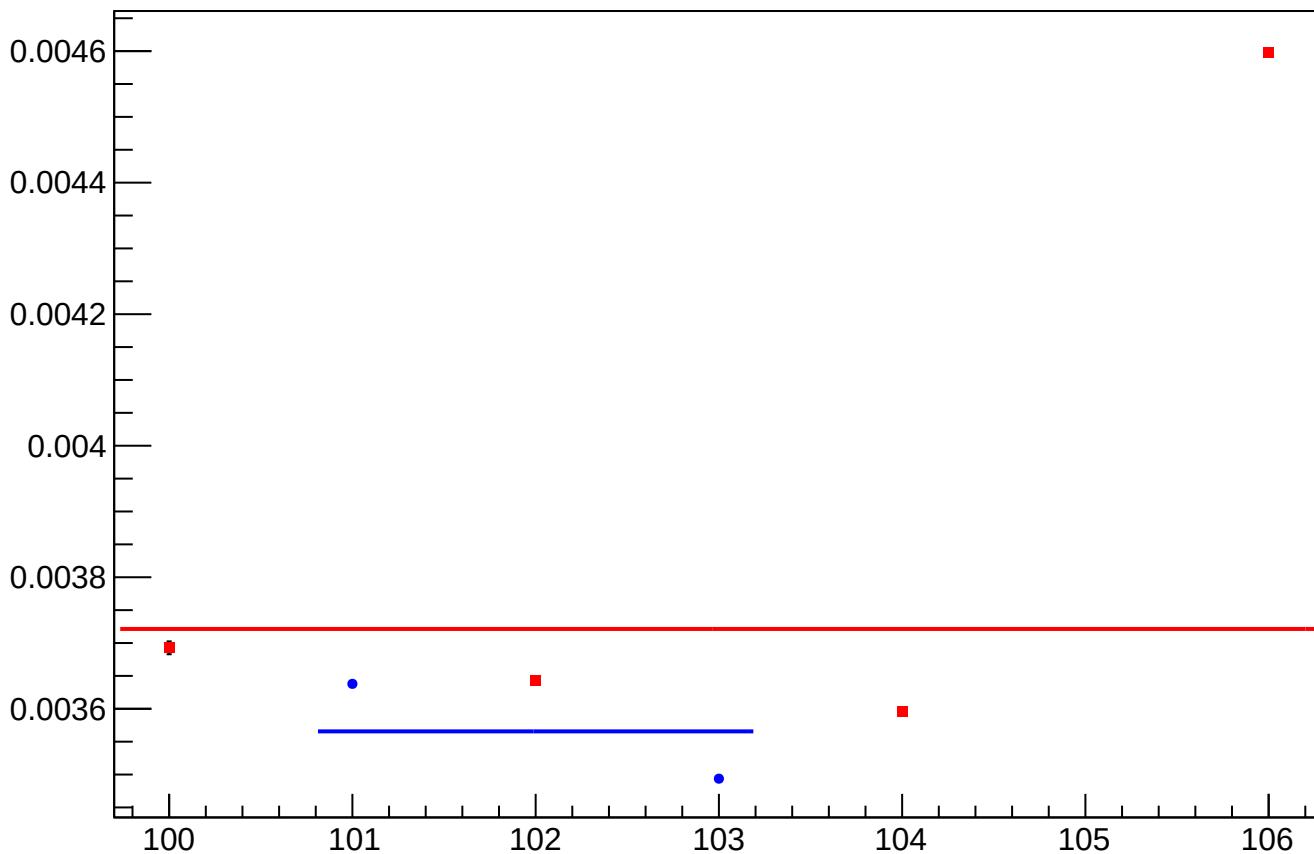
Right: -0.412 ± 0.000 $\chi^2/\text{NDF}: 4606349859.2/5$

In: -0.454 ± 0.000 $\chi^2/\text{NDF}: 6924994.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.412 ± 0.000 $\chi^2/\text{NDF}: 4606349859.2/5$

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 997.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 17036.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

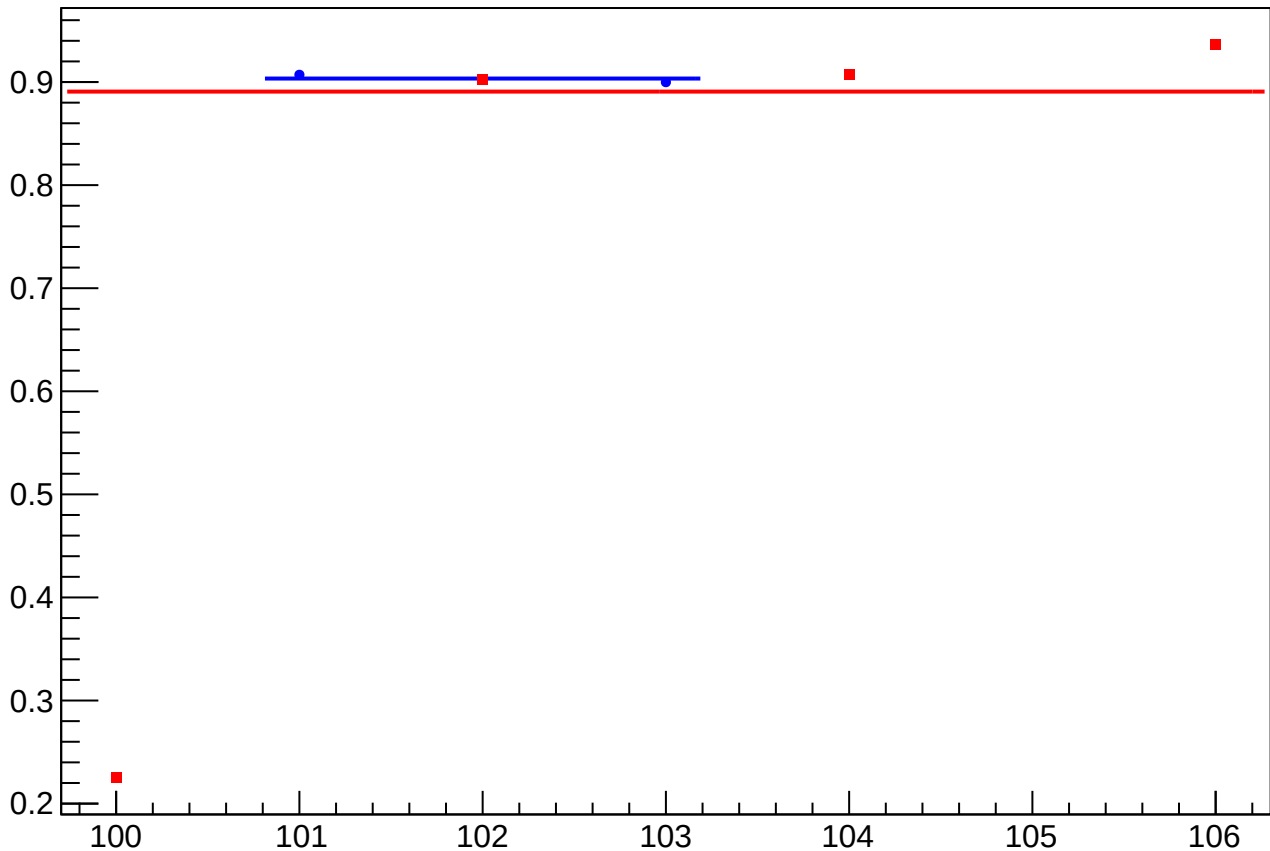
Right: 0.004+/-0.000 χ^2/NDF : 20417.8/5

In: 0.004+/-0.000 χ^2/NDF : 997.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 20417.8/5

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.903 ± 0.000 $\chi^2/\text{NDF}: 93290.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.891 ± 0.000 $\chi^2/\text{NDF}: 213950848.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

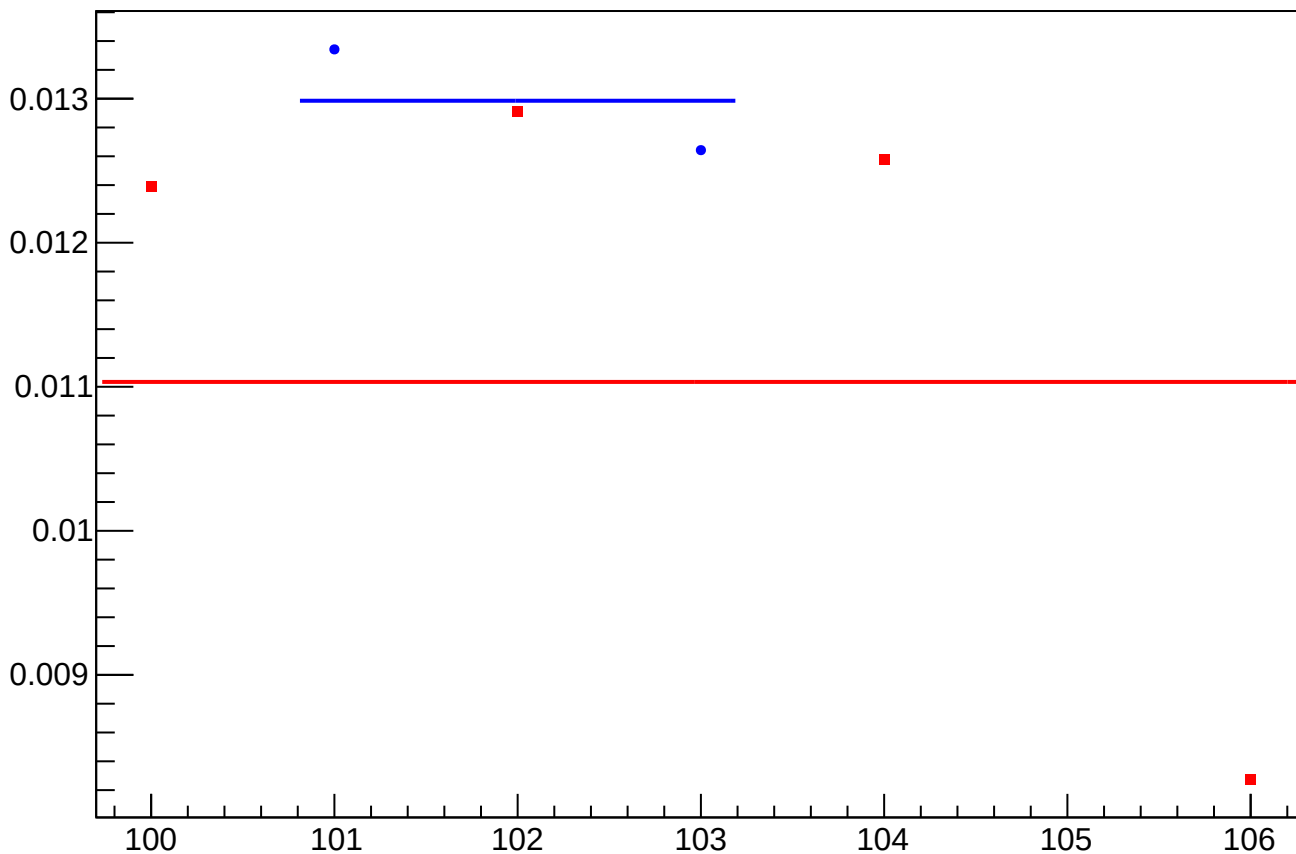
Right: 0.896 ± 0.000 $\chi^2/\text{NDF}: 214765482.6/5$

In: 0.903 ± 0.000 $\chi^2/\text{NDF}: 93290.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.896 ± 0.000 $\chi^2/\text{NDF}: 214765482.6/5$

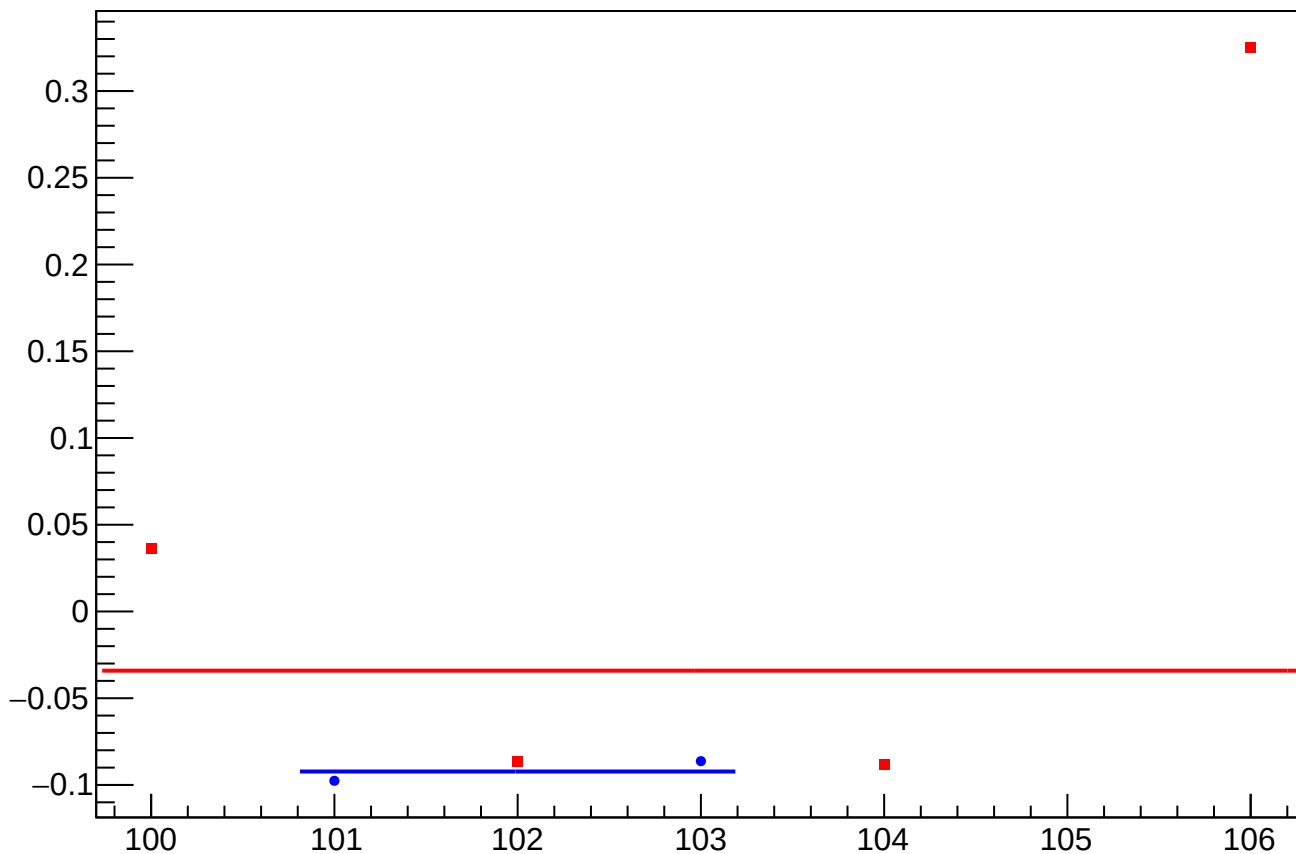
yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1772.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.011+/-0.000 χ^2/NDF : 112667.2/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.012+/-0.000 χ^2/NDF : 148766.5/5
 In: 0.013+/-0.000 χ^2/NDF :1772.2/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.012+/-0.000 χ^2/NDF : 148766.5/5

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.092+/-0.000 χ^2/NDF : 2503287.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.034+/-0.000 χ^2/NDF : 1430228721.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

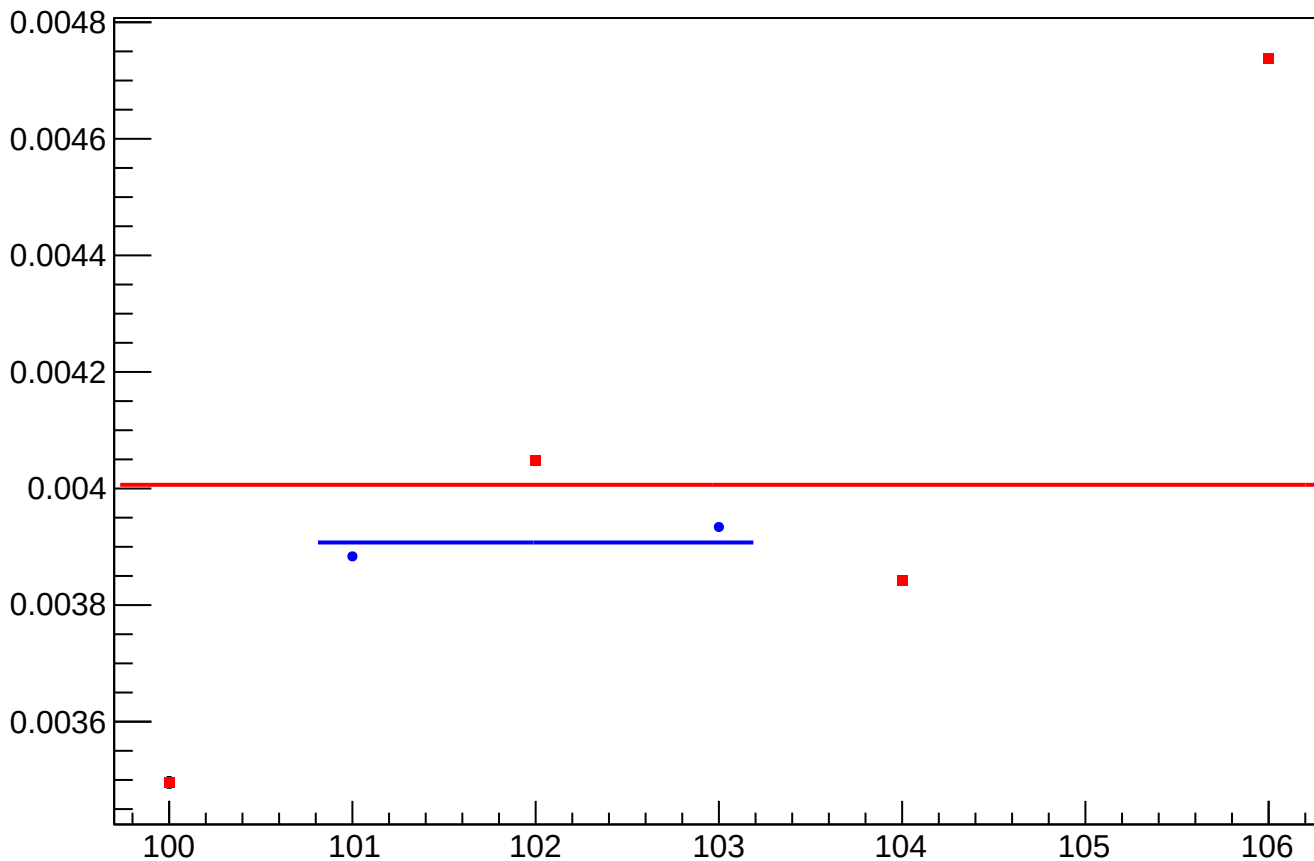
Right: -0.062+/-0.000 χ^2/NDF : 1570896129.2/5

In: -0.092+/-0.000 χ^2/NDF :2503287.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.062+/-0.000 χ^2/NDF : 1570896129.2/5

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 99.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 14890.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

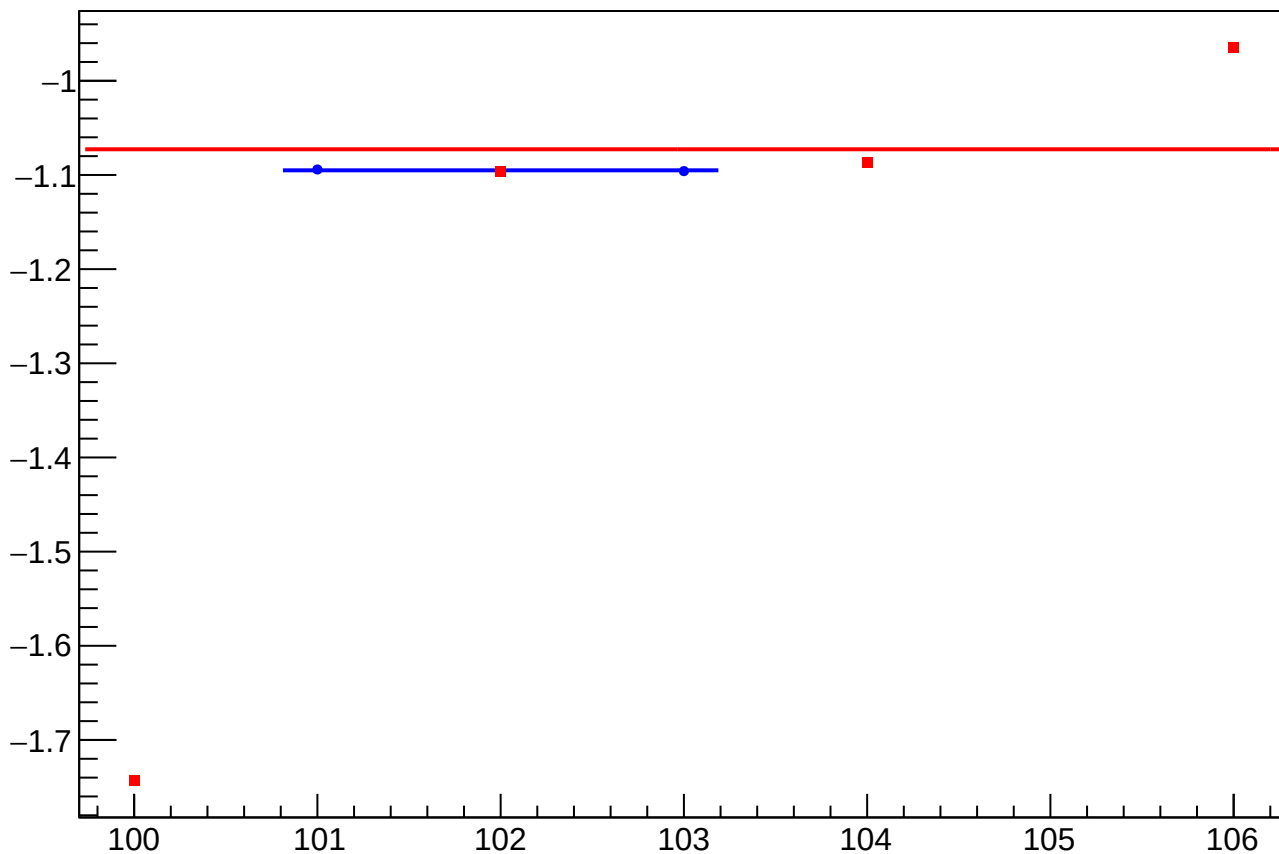
Right: 0.004+/-0.000 χ^2/NDF : 15790.8/5

In: 0.004+/-0.000 χ^2/NDF : 99.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 15790.8/5

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.095+/-0.000 χ^2/NDF : 6000.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.073+/-0.000 χ^2/NDF : 294360388.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

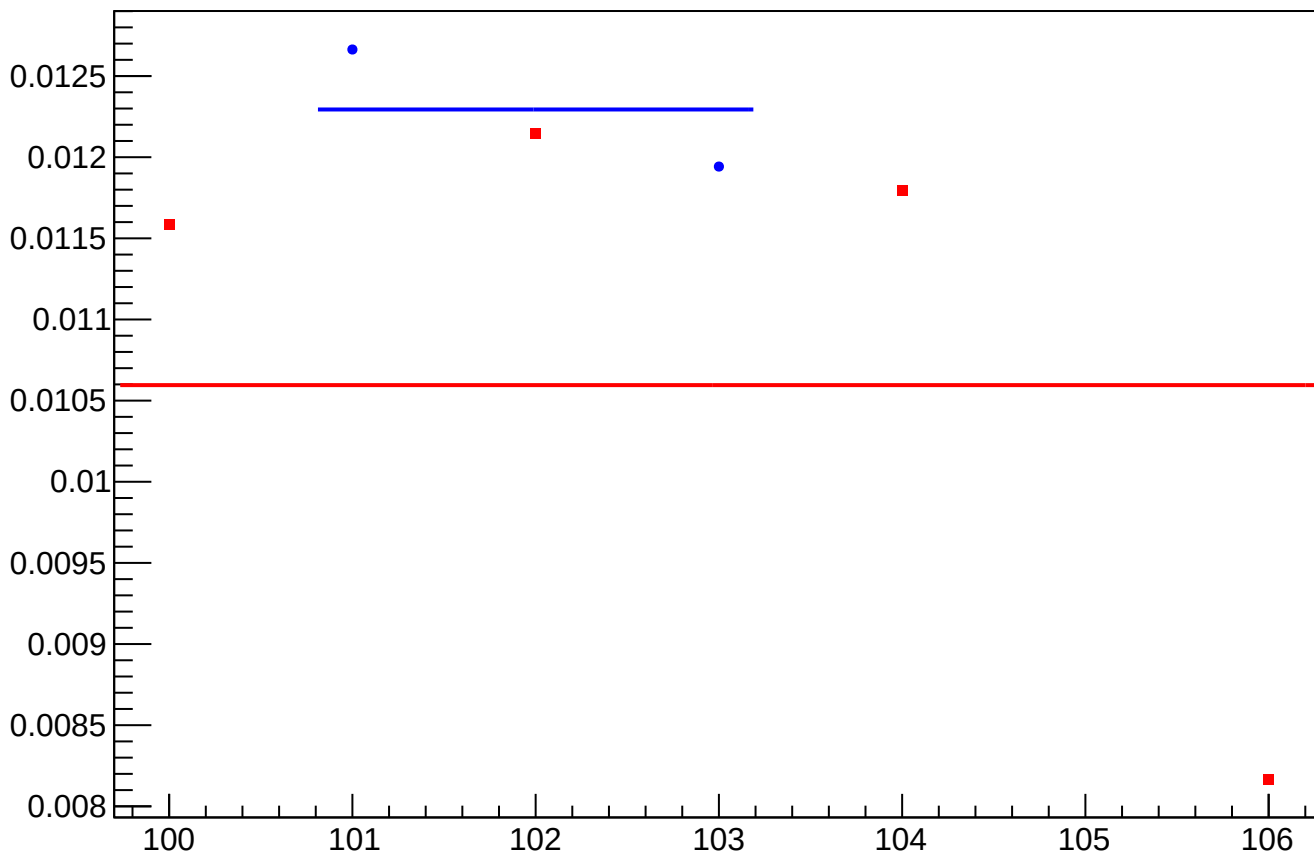
Right: -1.081+/-0.000 χ^2/NDF : 296849198.0/5

In: -1.095+/-0.000 χ^2/NDF : 6000.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.081+/-0.000 χ^2/NDF : 296849198.0/5

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2094.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 87099.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

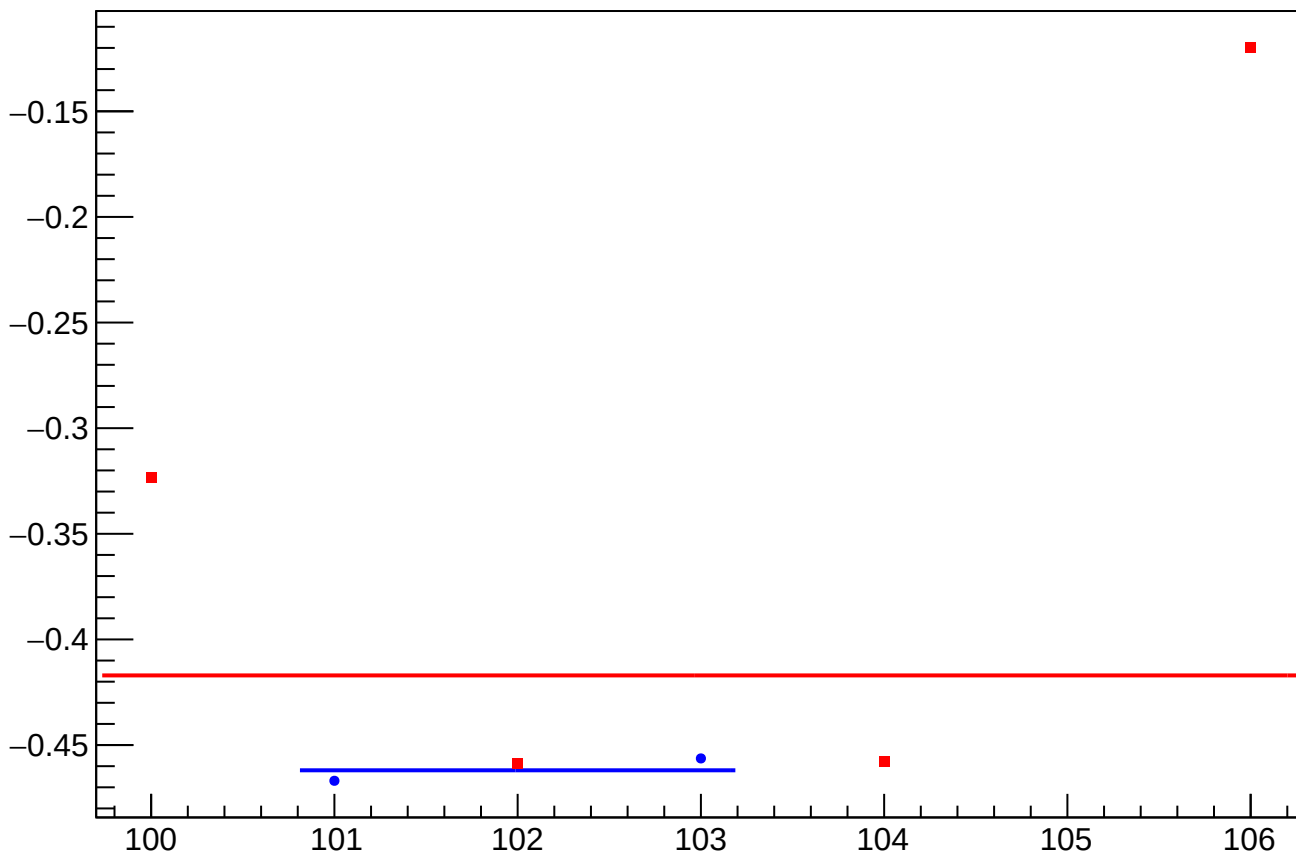
Right: 0.011 $\pm$ 0.000 χ^2 /NDF: 117895.3/5

In: 0.012 $\pm$ 0.000 χ^2 /NDF:2094.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 117895.3/5

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 2520200.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.417+/-0.000 χ^2/NDF : 1001637006.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

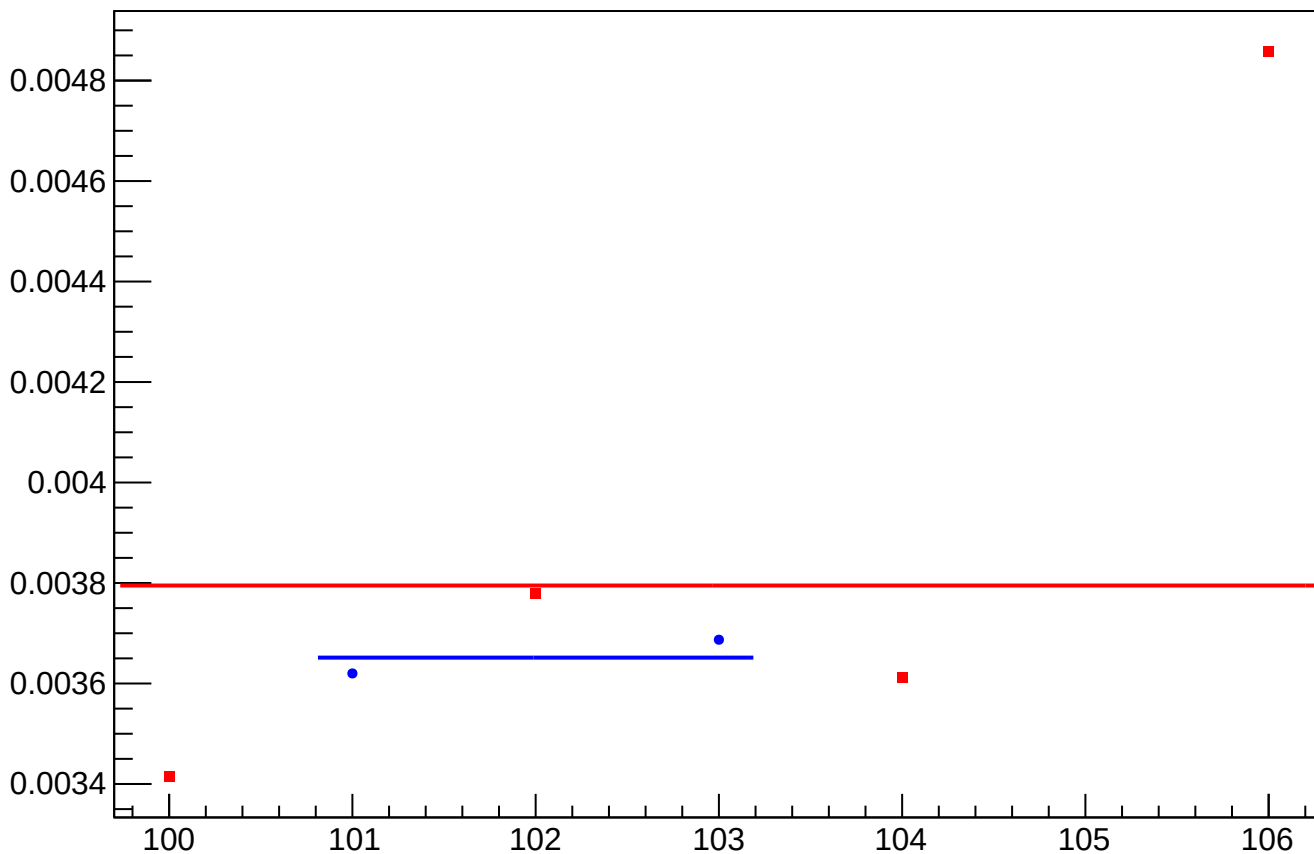
Right: -0.439+/-0.000 χ^2/NDF : 1097835680.3/5

In: -0.462+/-0.000 χ^2/NDF :2520200.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.439+/-0.000 χ^2/NDF : 1097835680.3/5

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 202.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 25059.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

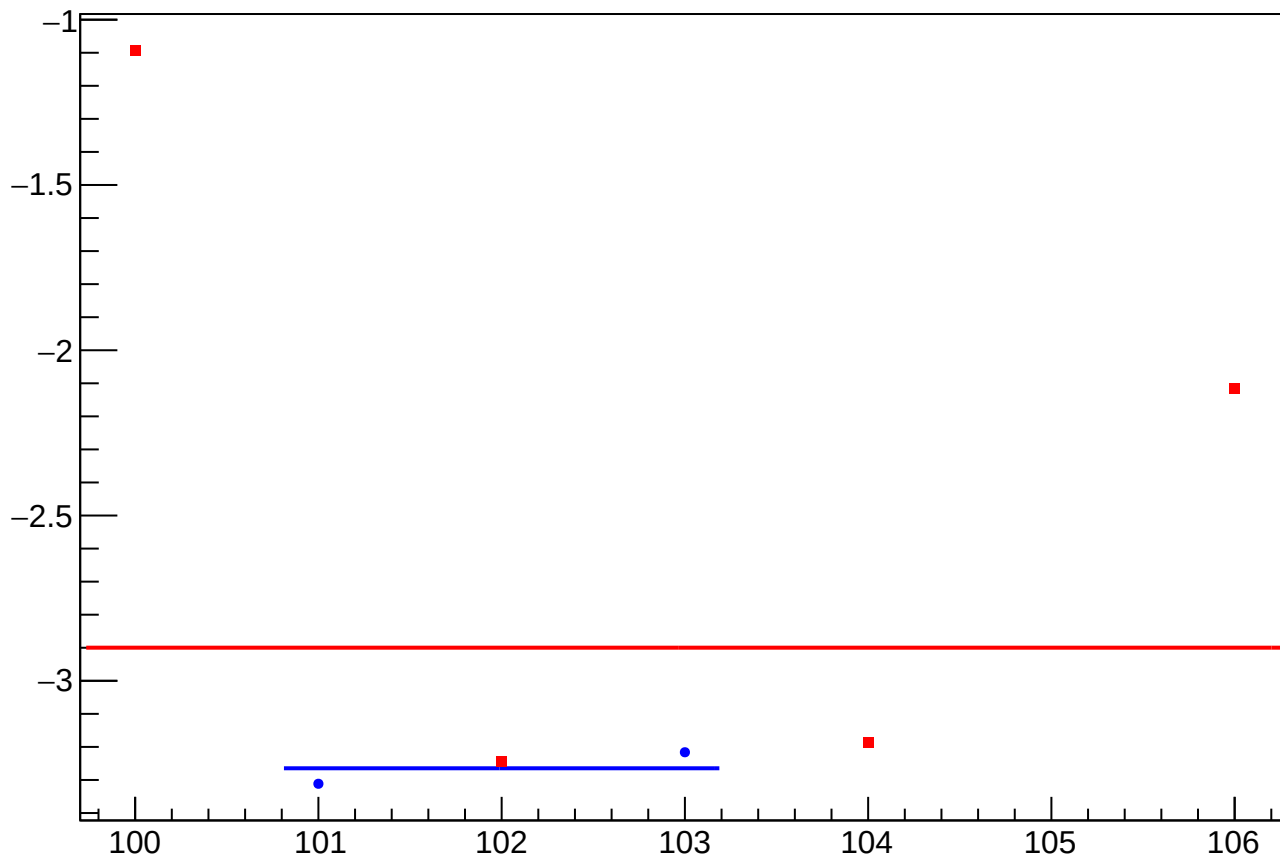
Right: 0.004+/-0.000 χ^2/NDF : 27173.7/5

In: 0.004+/-0.000 χ^2/NDF : 202.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 27173.7/5

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -3.265+/-0.000 χ^2/NDF : 534943.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.900+/-0.000 χ^2/NDF : 94004250.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

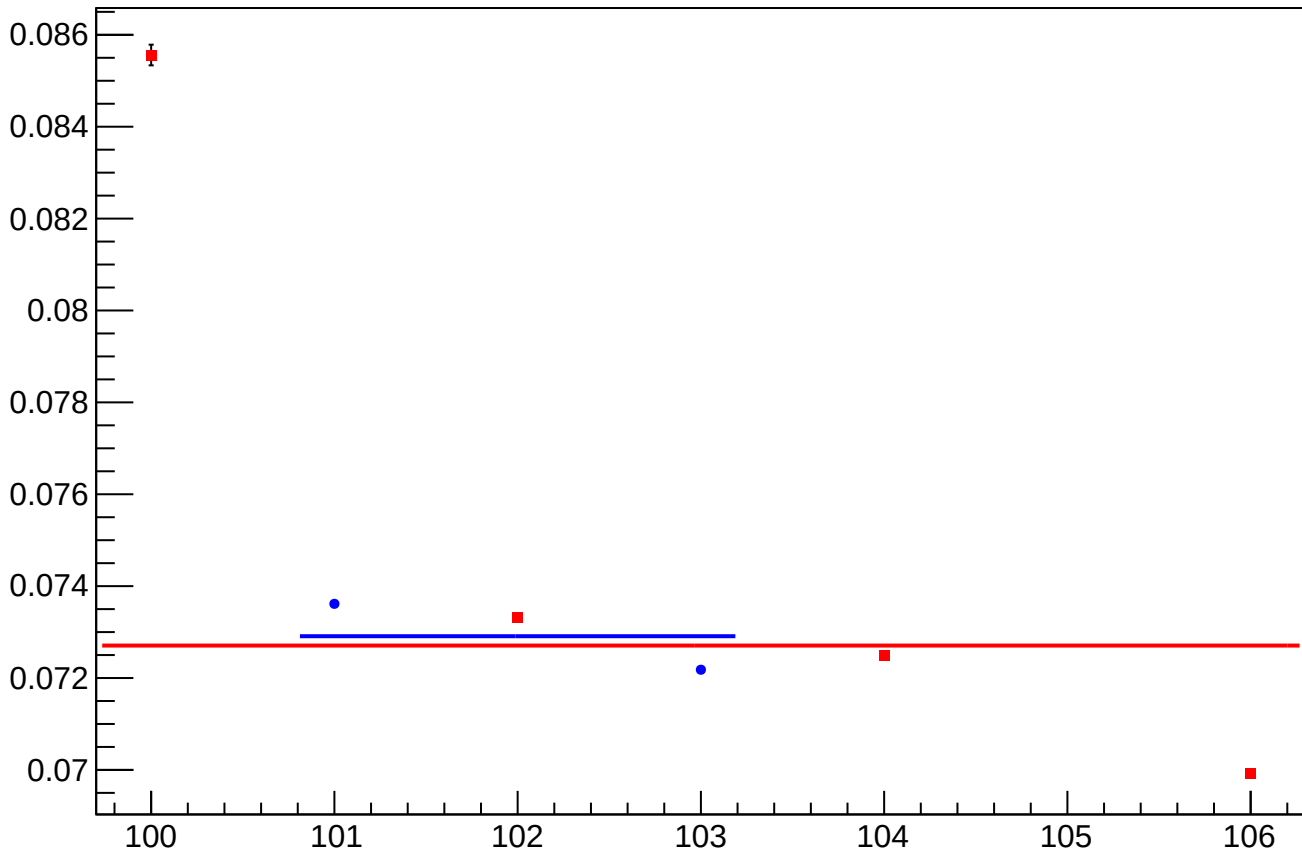
Right: -3.064+/-0.000 χ^2/NDF : 111812987.9/5

In: -3.265+/-0.000 χ^2/NDF : 534943.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.064+/-0.000 χ^2/NDF : 111812987.9/5

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.073+/-0.000 χ^2/NDF : 242.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 4367.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

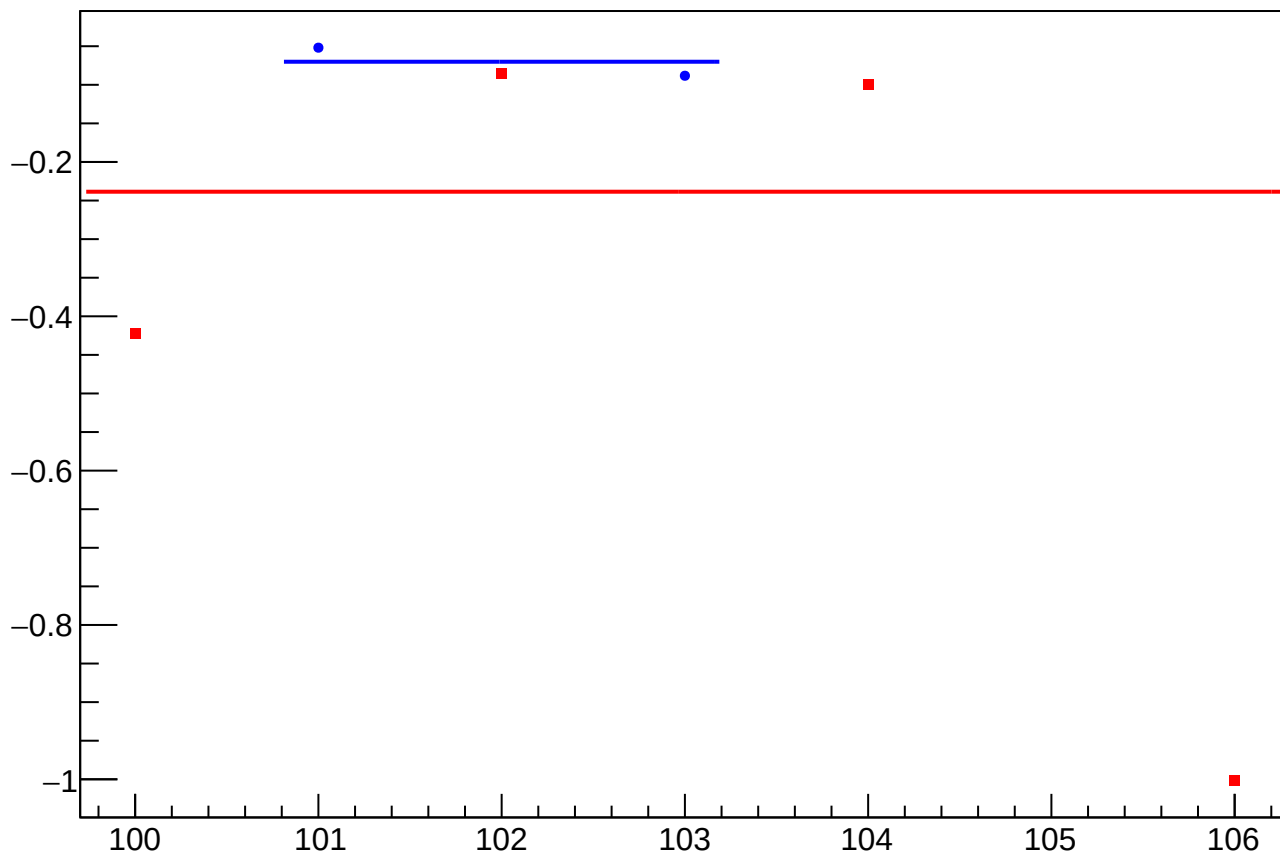
Right: 0.073+/-0.000 χ^2/NDF : 4620.1/5

In: 0.073+/-0.000 χ^2/NDF : 242.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 4620.1/5

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.070+/-0.000 χ^2/NDF : 4821783.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.239+/-0.000 χ^2/NDF : 1714703352.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

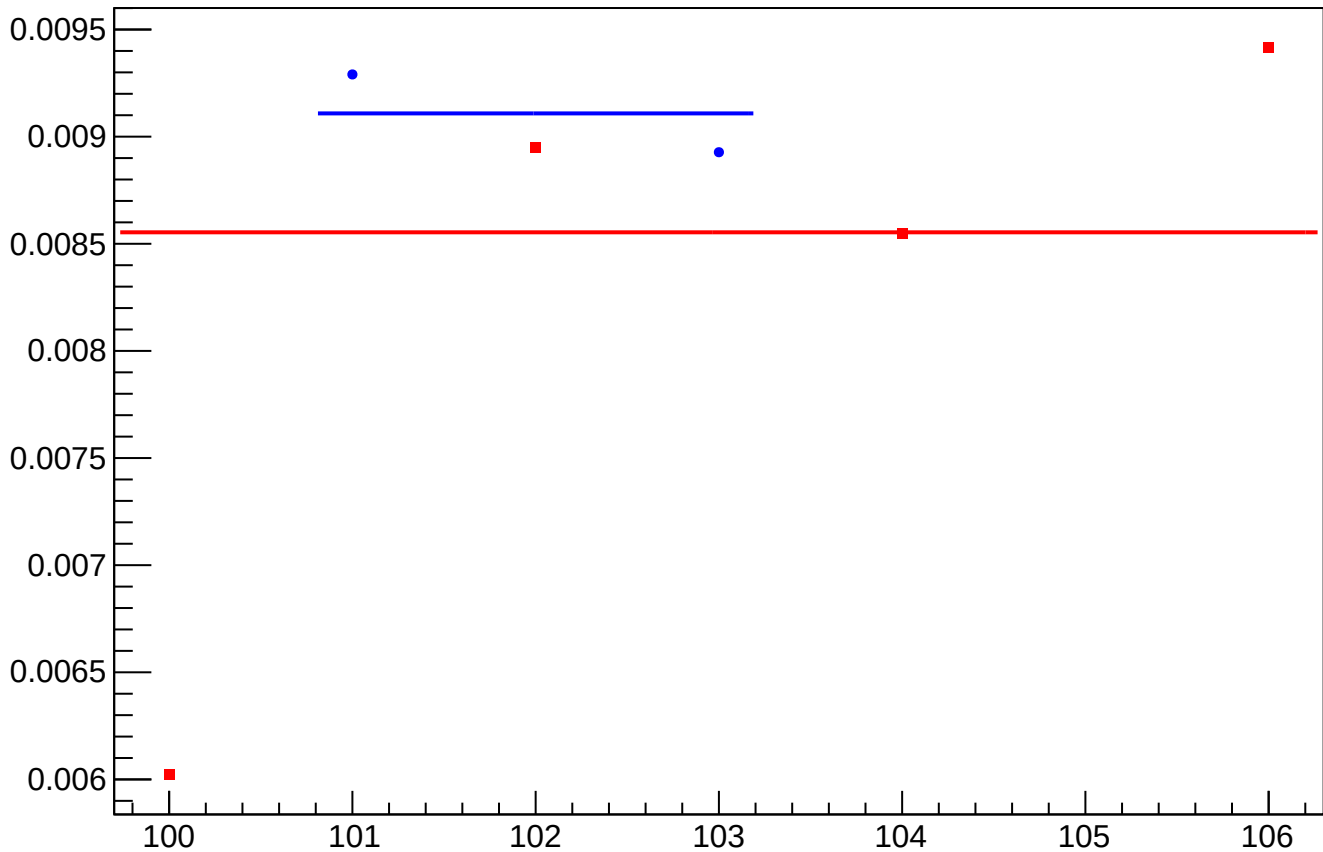
Right: -0.165+/-0.000 χ^2/NDF : 1952511763.9/5

In: -0.070+/-0.000 χ^2/NDF :4821783.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.165+/-0.000 χ^2/NDF : 1952511763.9/5

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 961.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 31371.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

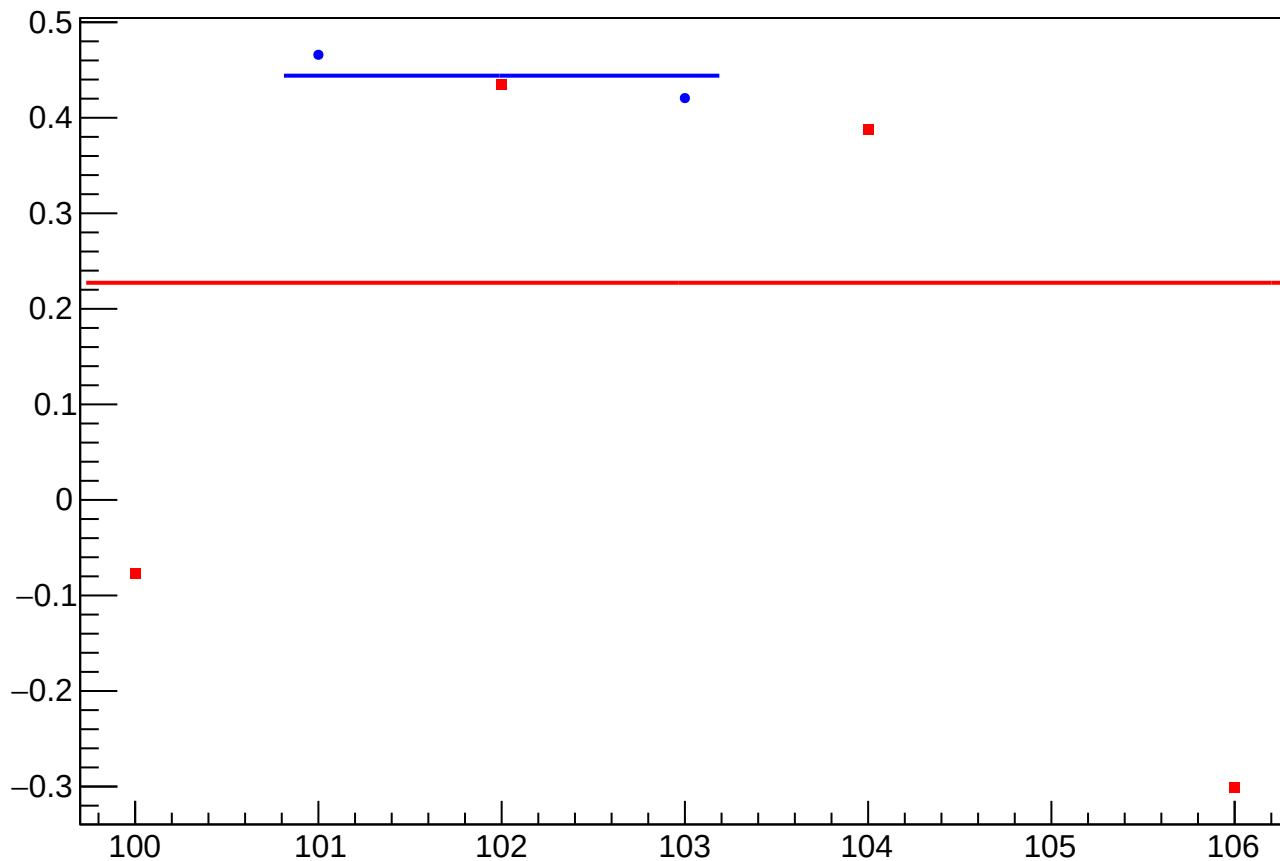
Right: 0.009+/-0.000 χ^2/NDF : 37391.0/5

In: 0.009+/-0.000 χ^2/NDF : 961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 37391.0/5

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.444 ± 0.000 χ^2/NDF : 81531.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.227 ± 0.000 χ^2/NDF : 18776246.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

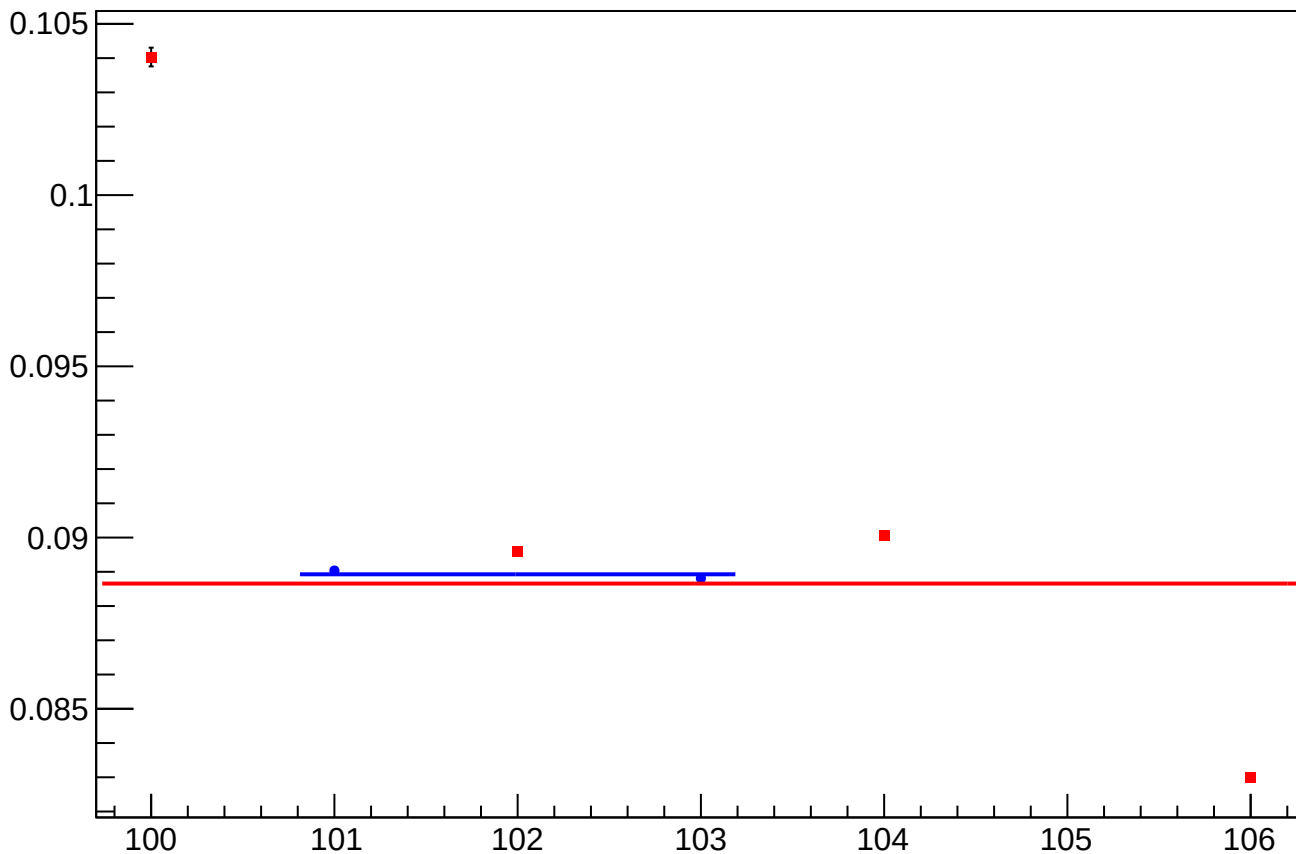
Right: 0.324 ± 0.000 χ^2/NDF : 22985374.2/5

In: 0.444 ± 0.000 χ^2/NDF : 81531.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.324 ± 0.000 χ^2/NDF : 22985374.2/5

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.000 χ^2/NDF : 6539.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

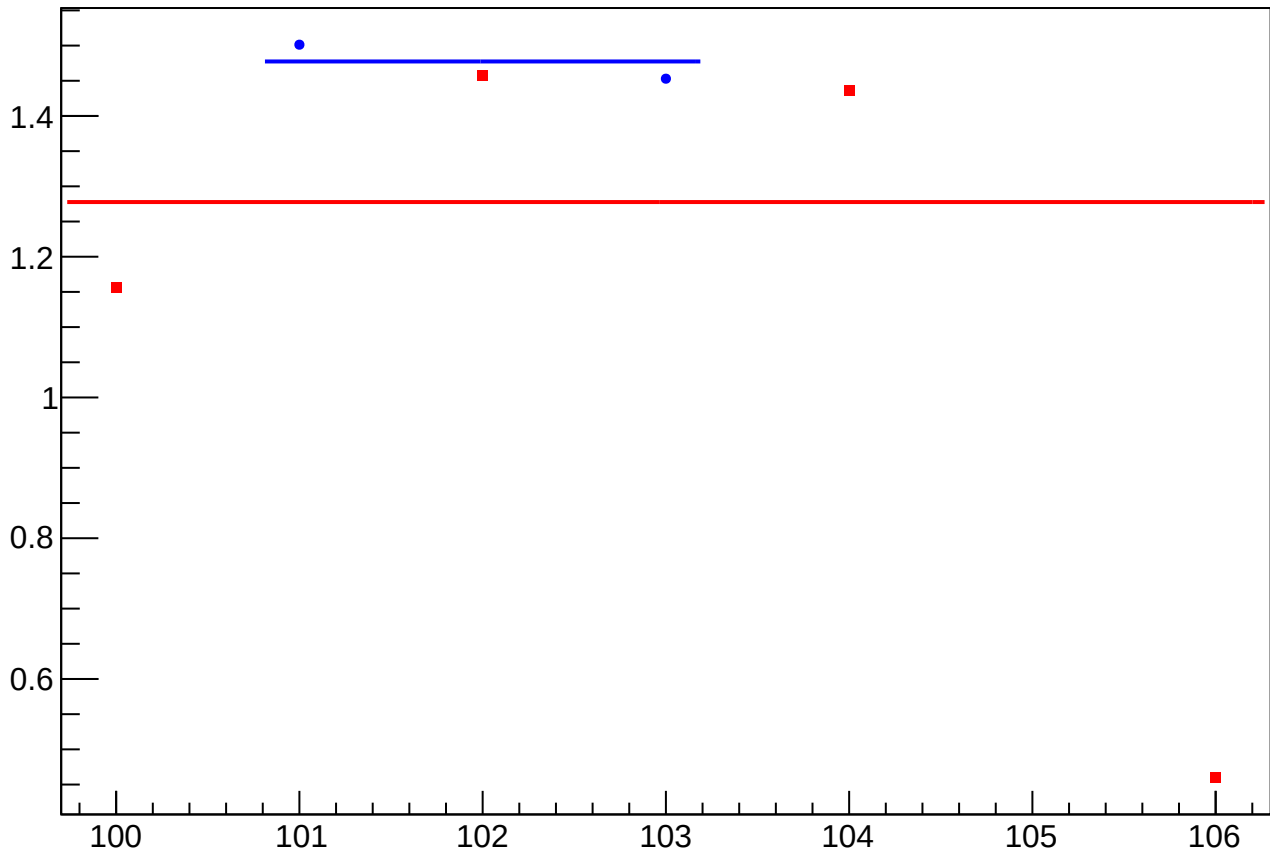
Right: 0.089+/-0.000 χ^2/NDF : 6556.9/5

In: 0.089+/-0.000 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.000 χ^2/NDF : 6556.9/5

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.477+/-0.000 χ^2/NDF : 4102463.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.278+/-0.000 χ^2/NDF : 1066854990.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

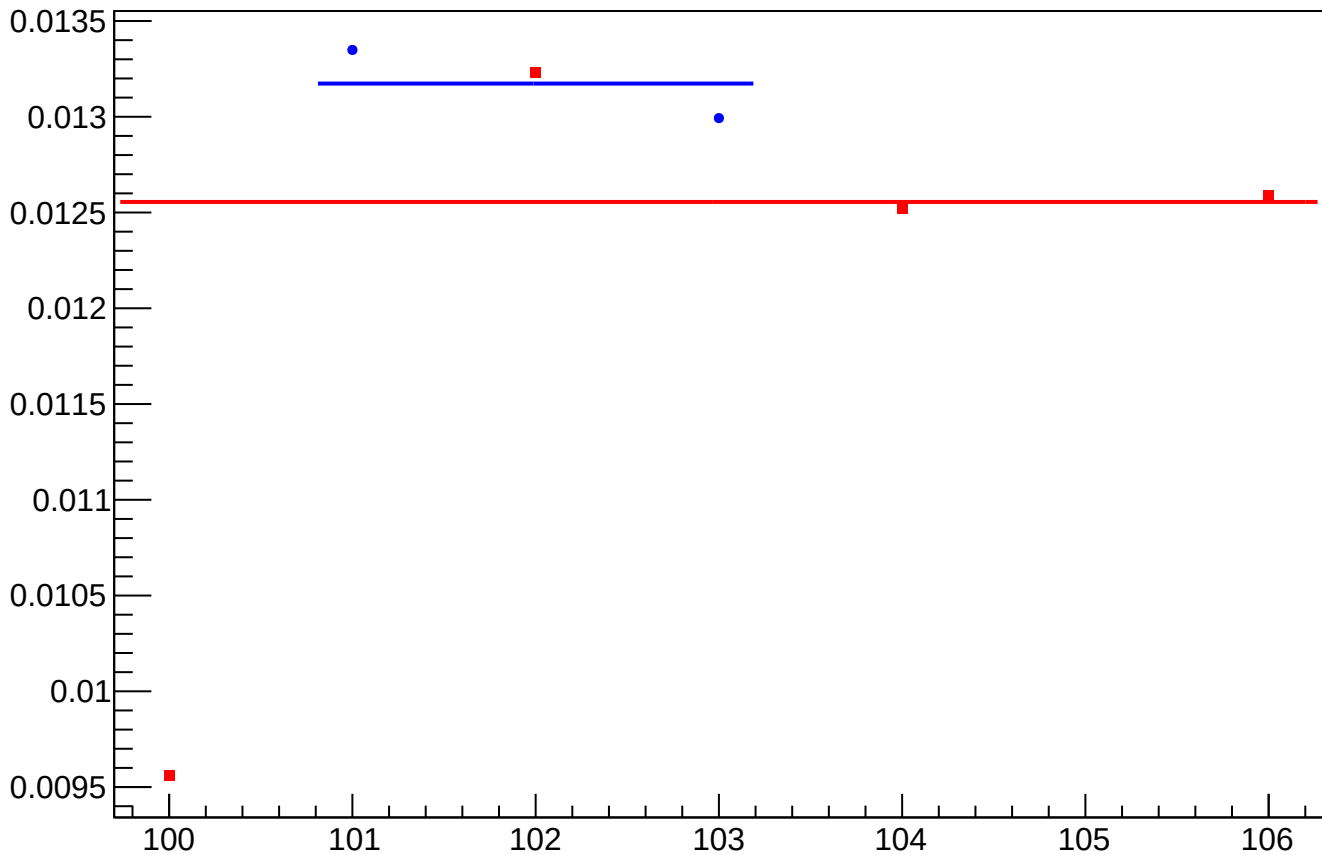
Right: 1.366+/-0.000 χ^2/NDF : 1227021655.1/5

In: 1.477+/-0.000 χ^2/NDF : 4102463.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.366+/-0.000 χ^2/NDF : 1227021655.1/5

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 445.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 17543.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

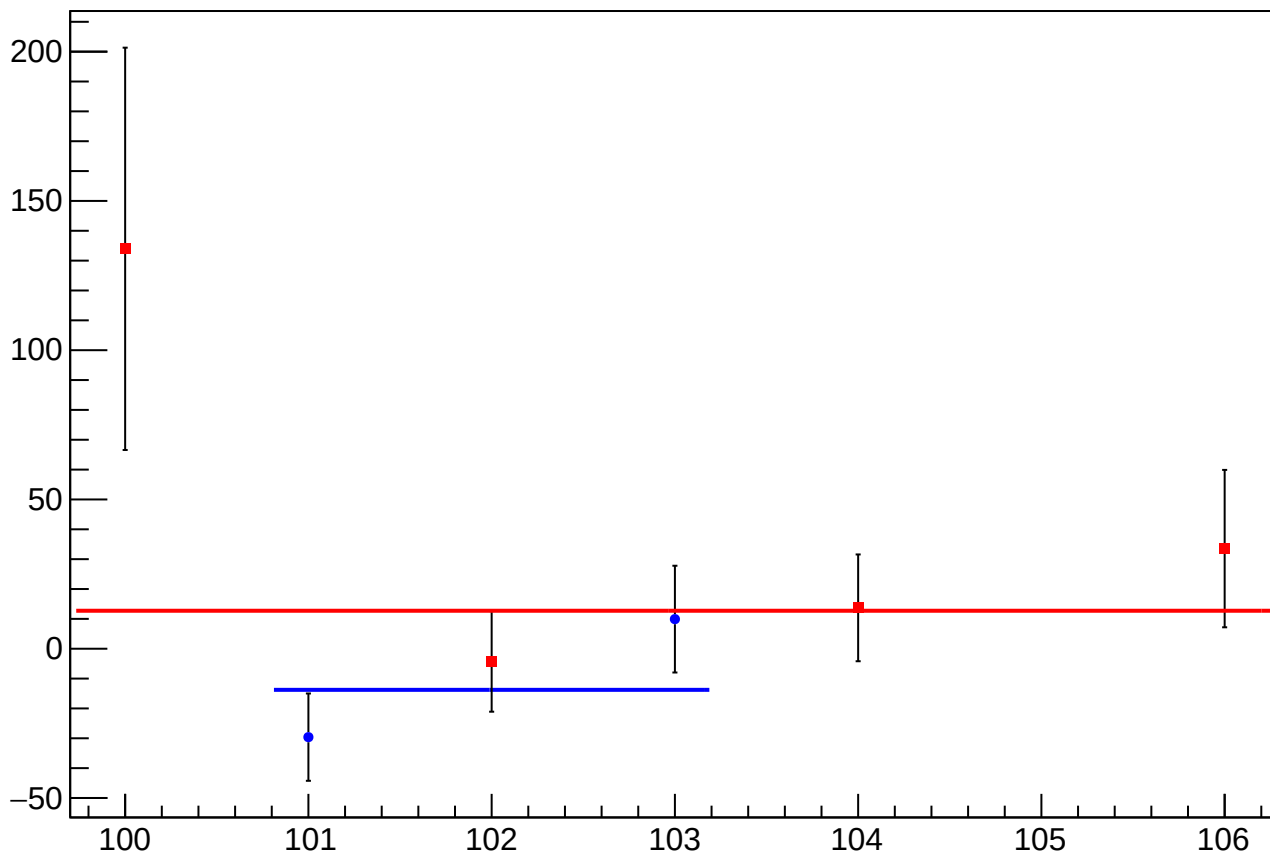
Right: 0.013+/-0.000 χ^2/NDF : 20976.7/5

In: 0.013+/-0.000 χ^2/NDF : 445.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 20976.7/5

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -13.773 $\pm$ 11.320 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.721 $\pm$ 10.973 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

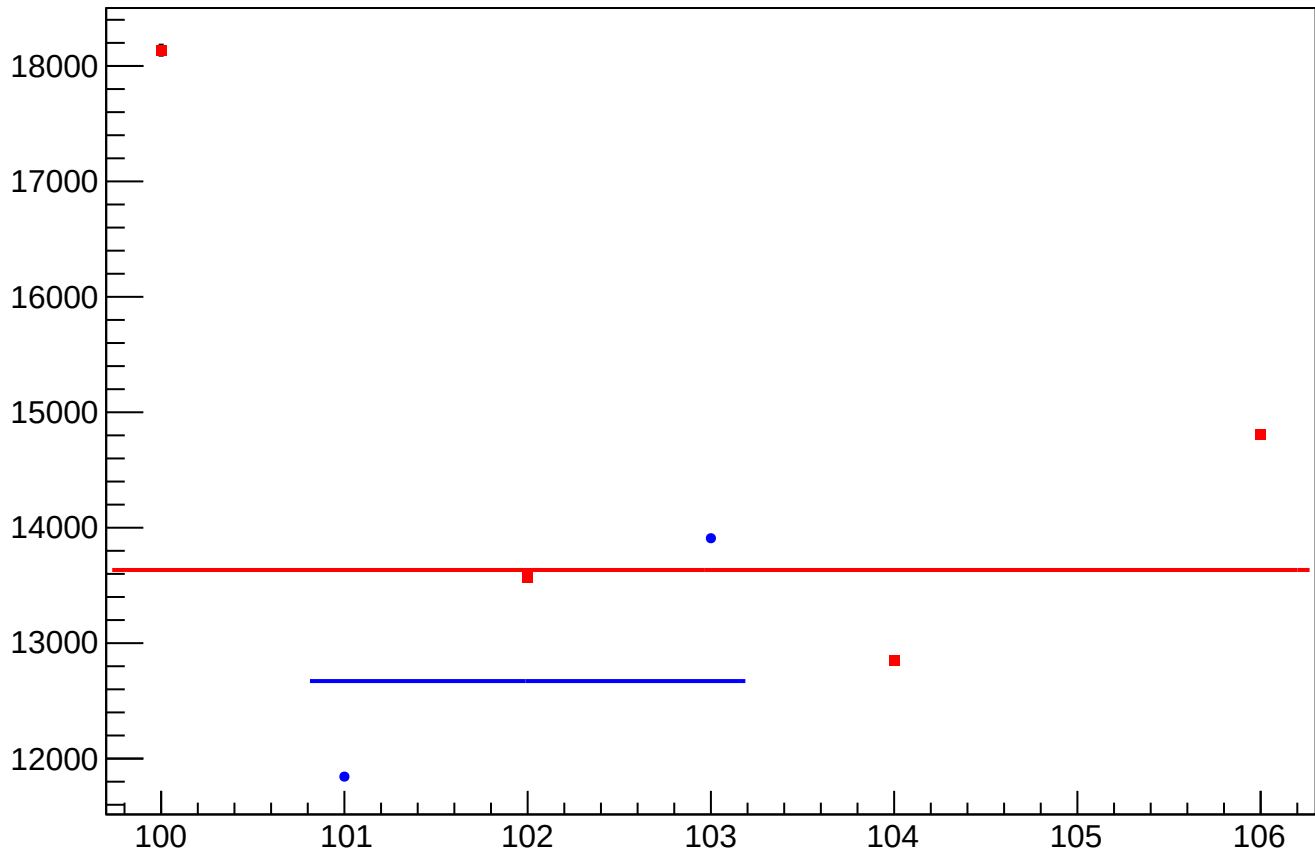
Right: -0.114 $\pm$ 7.879 χ^2 /NDF: 10.6/5

In: -13.773 $\pm$ 11.320 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.114 $\pm$ 7.879 χ^2 /NDF: 10.6/5

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 12671.585 $\pm$ 8.004 χ^2 /NDF: 15983.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13633.931 $\pm$ 7.759 χ^2 /NDF: 16801.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

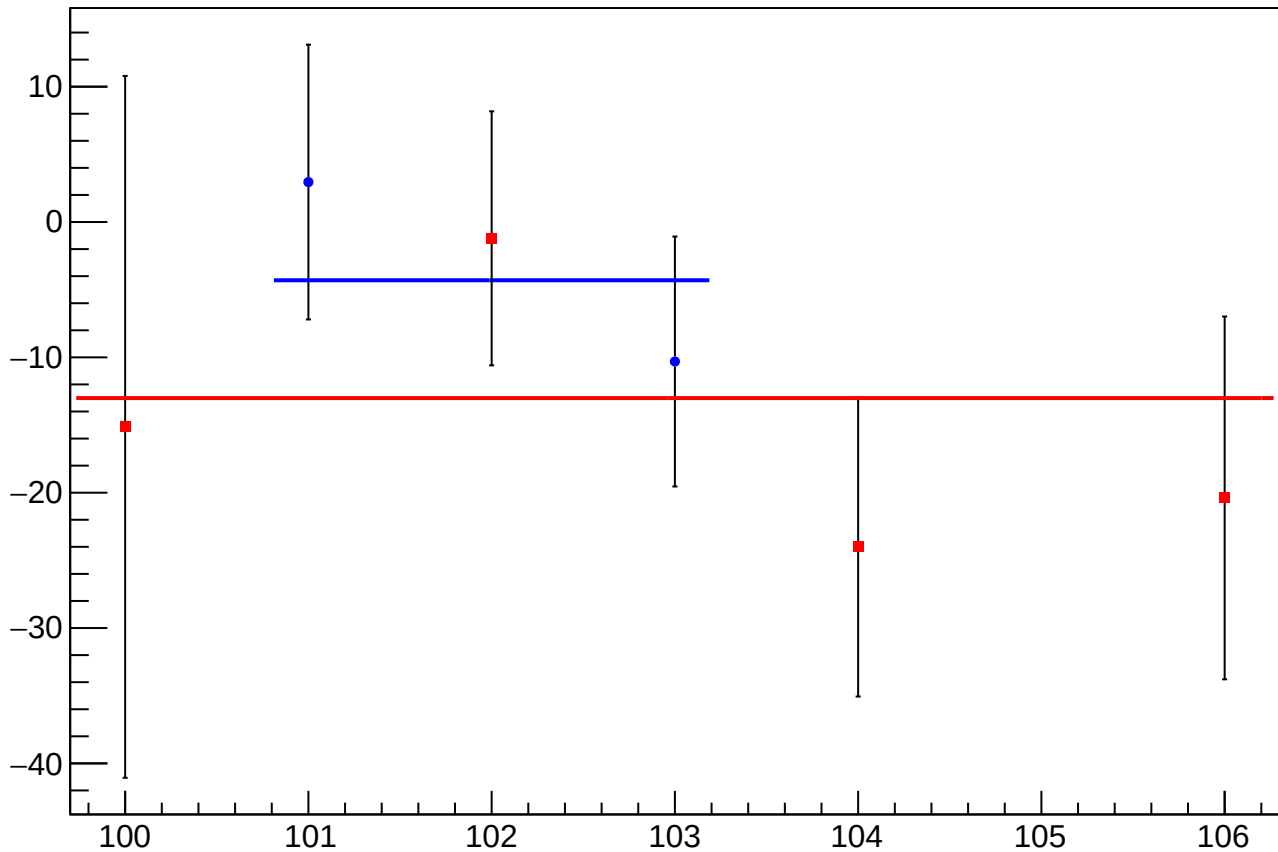
Right: 13167.725 $\pm$ 5.571 χ^2 /NDF: 40237.3/5

In: 12671.585 $\pm$ 8.004 χ^2 /NDF:15983.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13167.725 $\pm$ 5.571 χ^2 /NDF: 40237.3/5

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.304+/-6.831 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.007+/-6.134 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

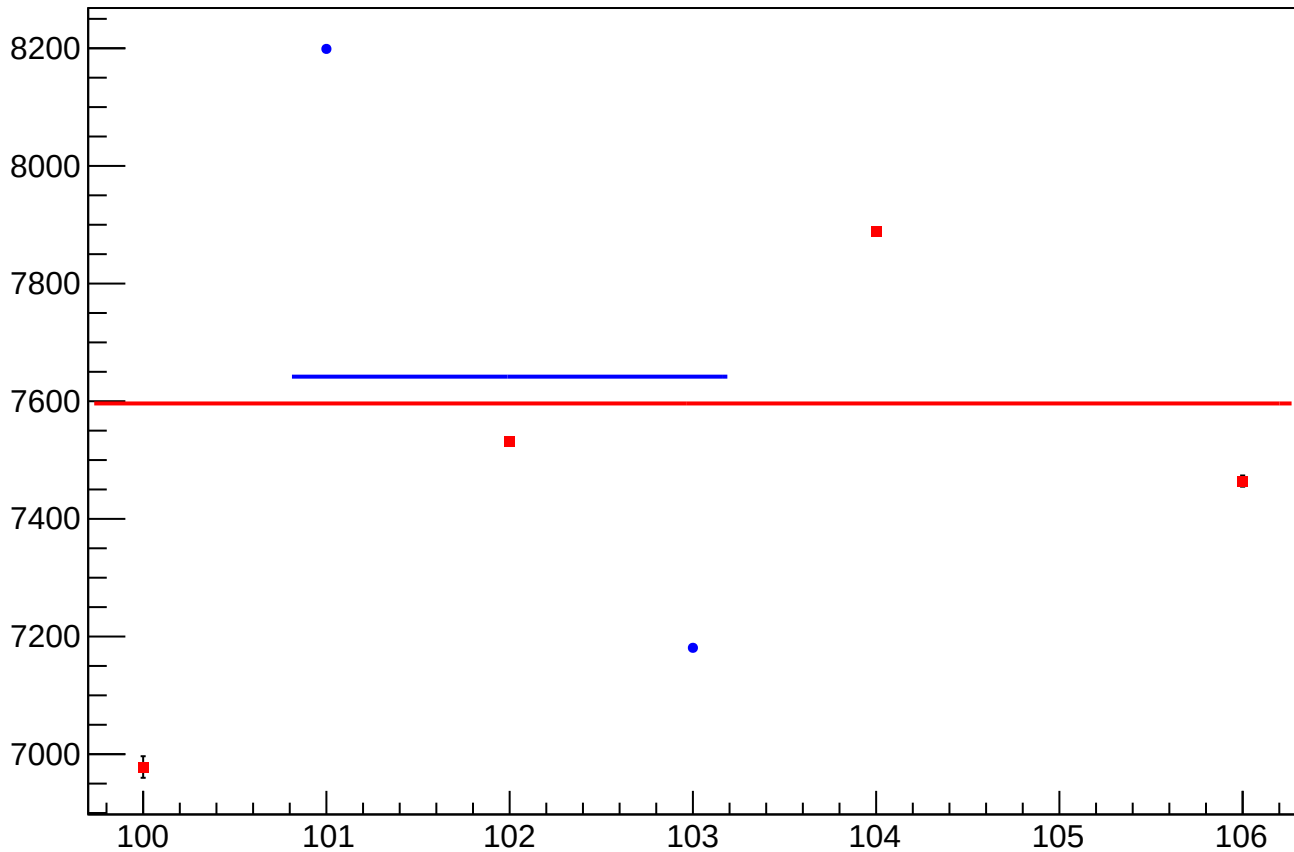
Right: -9.122+/-4.564 χ^2/NDF : 4.7/5

In: -4.304+/-6.831 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.122+/-4.564 χ^2/NDF : 4.7/5

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7641.784+/-4.830 χ^2/NDF : 11008.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7596.205+/-4.337 χ^2/NDF : 2813.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

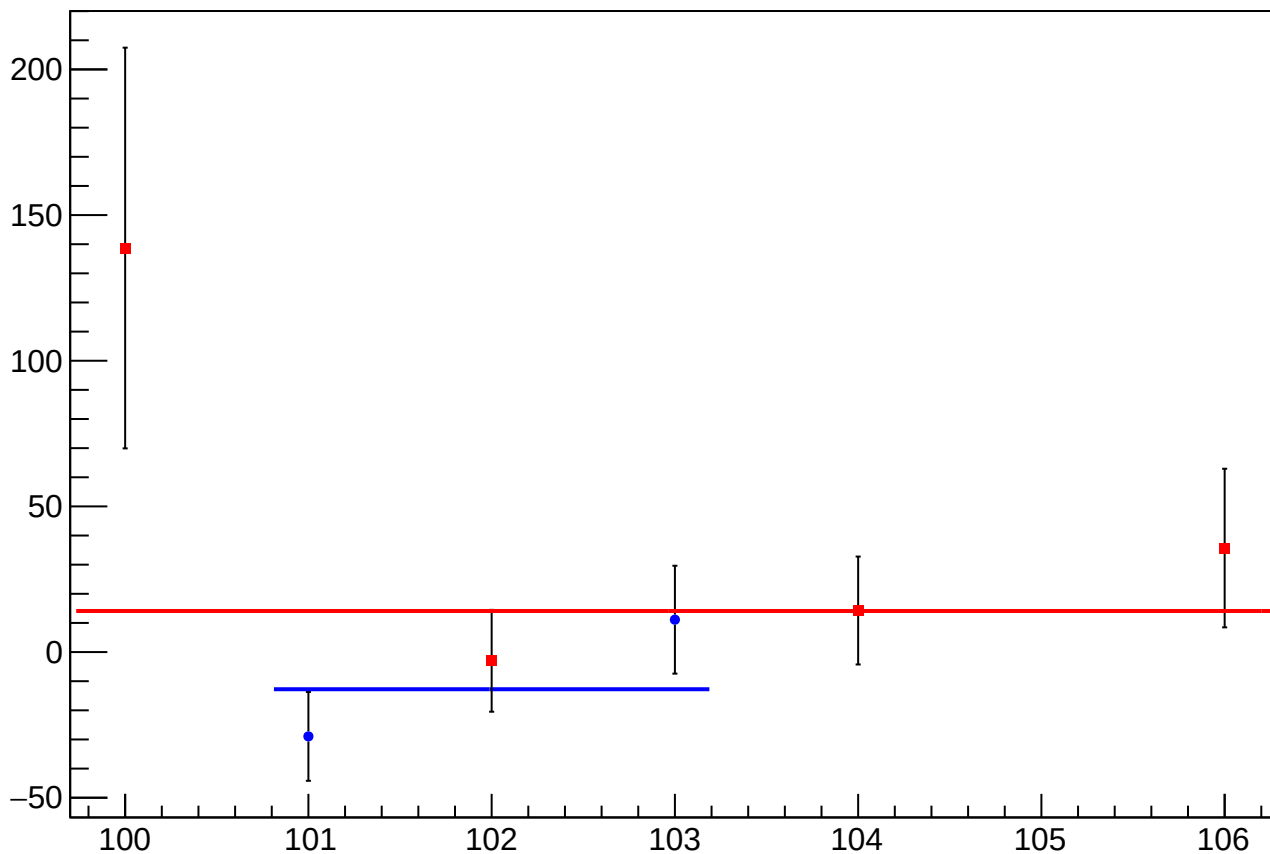
Right: 7616.552+/-3.227 χ^2/NDF : 13871.3/5

In: 7641.784+/-4.830 χ^2/NDF : 11008.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7616.552+/-3.227 χ^2/NDF : 13871.3/5

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -12.758 $\pm$ 11.771 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.099 $\pm$ 11.359 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

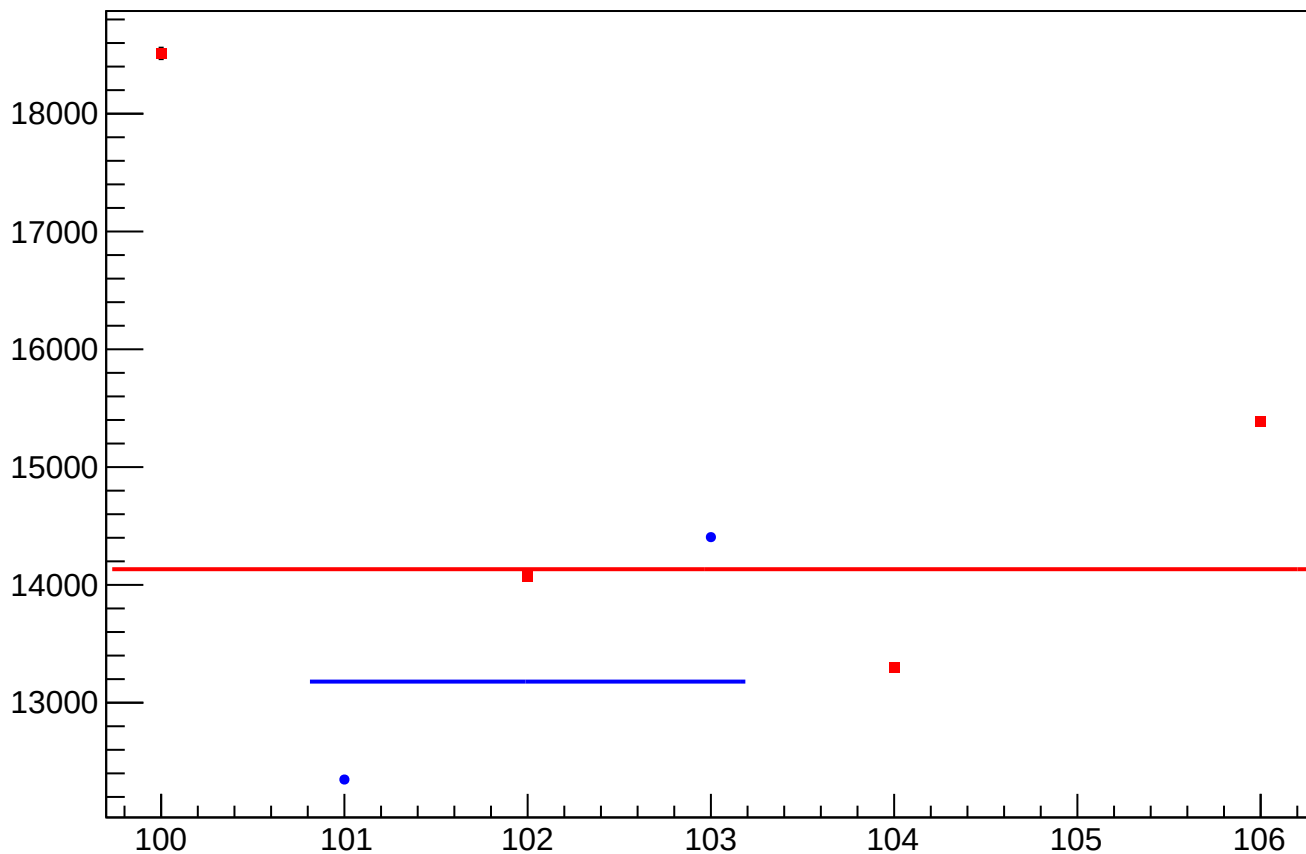
Right: 1.148 $\pm$ 8.174 χ^2 /NDF: 10.4/5

In: -12.758 $\pm$ 11.771 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.148 $\pm$ 8.174 χ^2 /NDF: 10.4/5

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 13179.124+/-8.323 χ^2/NDF : 14717.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14133.238+/-8.032 χ^2/NDF : 16411.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

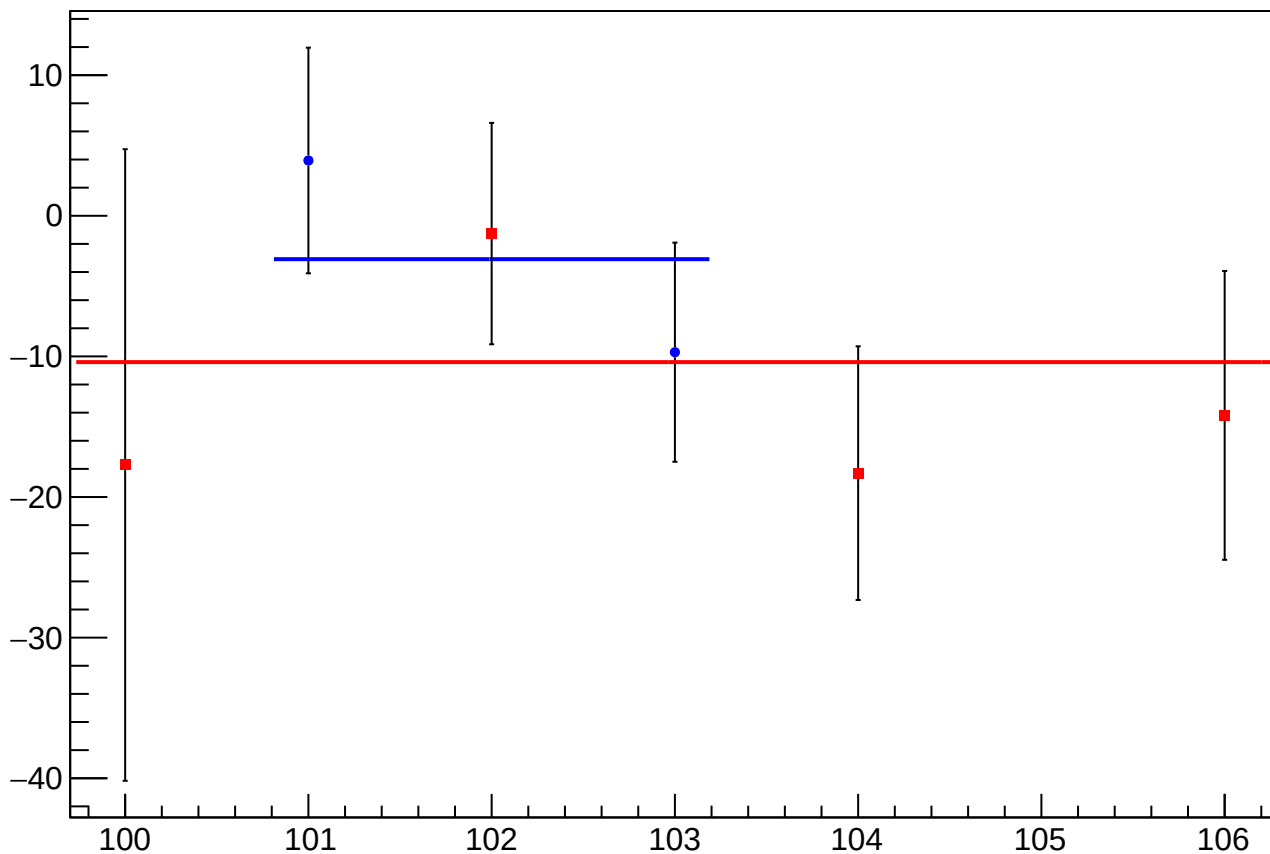
Right: 13673.161+/-5.780 χ^2/NDF : 37934.2/5

In: 13179.124+/-8.323 χ^2/NDF : 14717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13673.161+/-5.780 χ^2/NDF : 37934.2/5

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.085 ± 5.590 χ^2/NDF : 1.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.406 ± 5.007 χ^2/NDF : 2.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

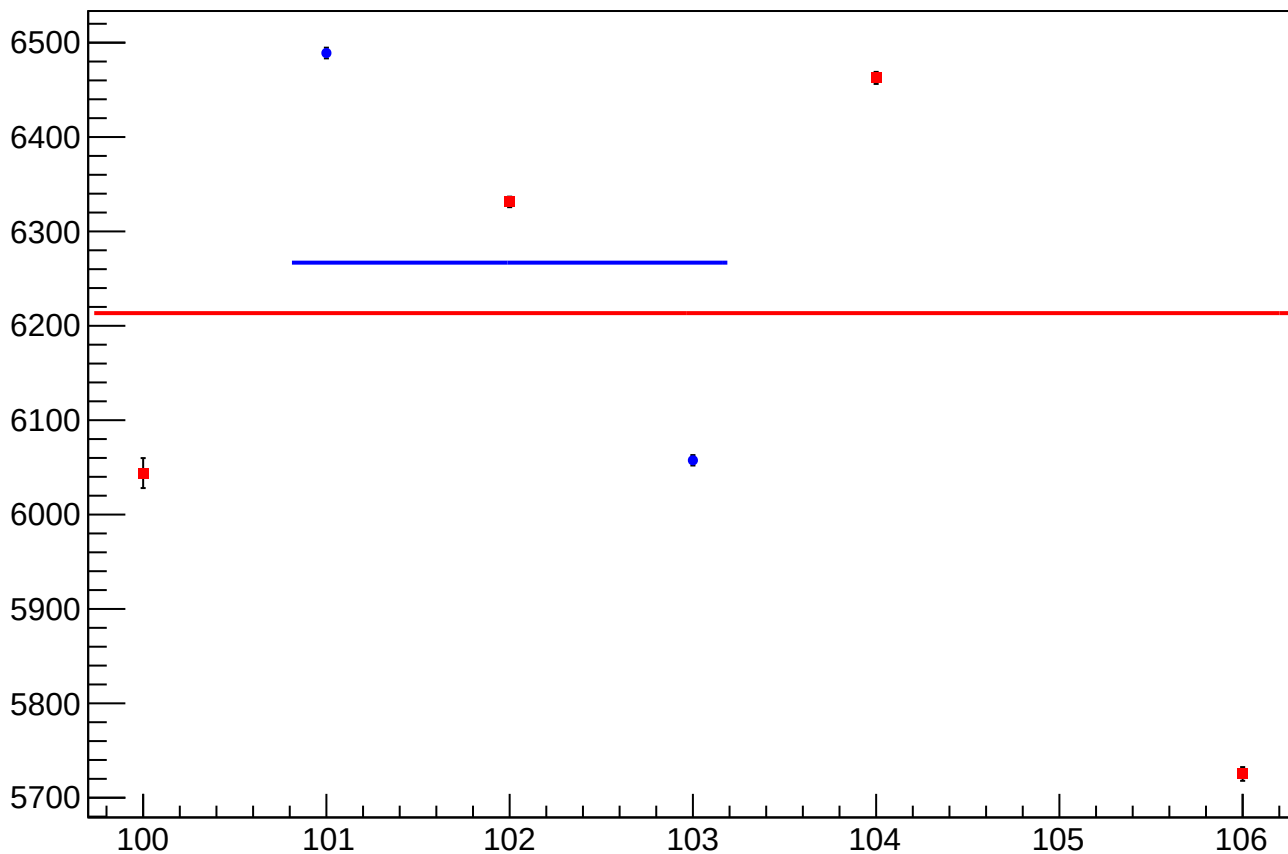
Right: -7.147 ± 3.730 χ^2/NDF : 4.8/5

In: -3.085 ± 5.590 χ^2/NDF : 1.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.147 ± 3.730 χ^2/NDF : 4.8/5

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6266.915+/-3.953 χ^2/NDF : 2976.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6213.433+/-3.541 χ^2/NDF : 6607.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

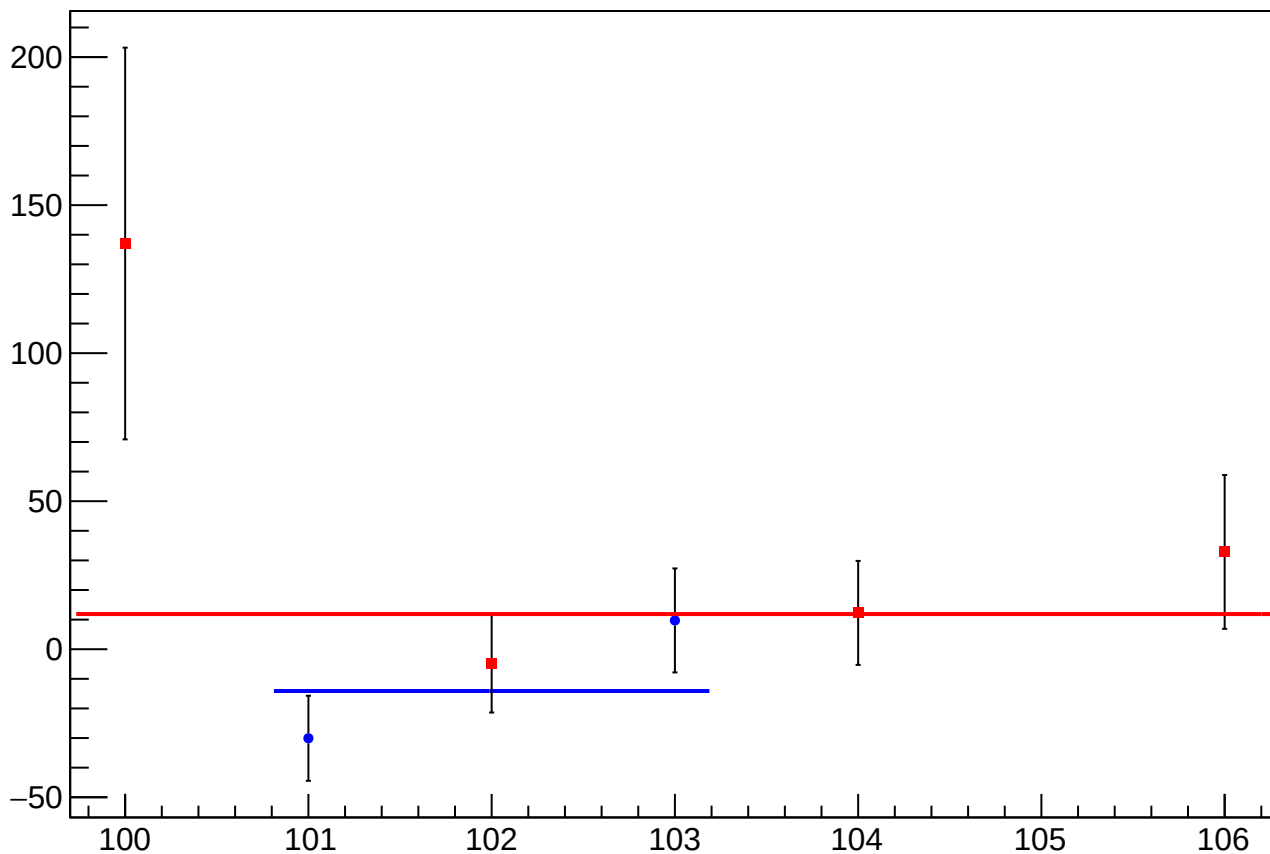
Right: 6237.242+/-2.637 χ^2/NDF : 9685.6/5

In: 6266.915+/-3.953 χ^2/NDF : 2976.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6237.242+/-2.637 χ^2/NDF : 9685.6/5

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -14.113 $\pm$ 11.120 χ^2 /NDF: 3.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.876 $\pm$ 10.780 χ^2 /NDF: 5.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

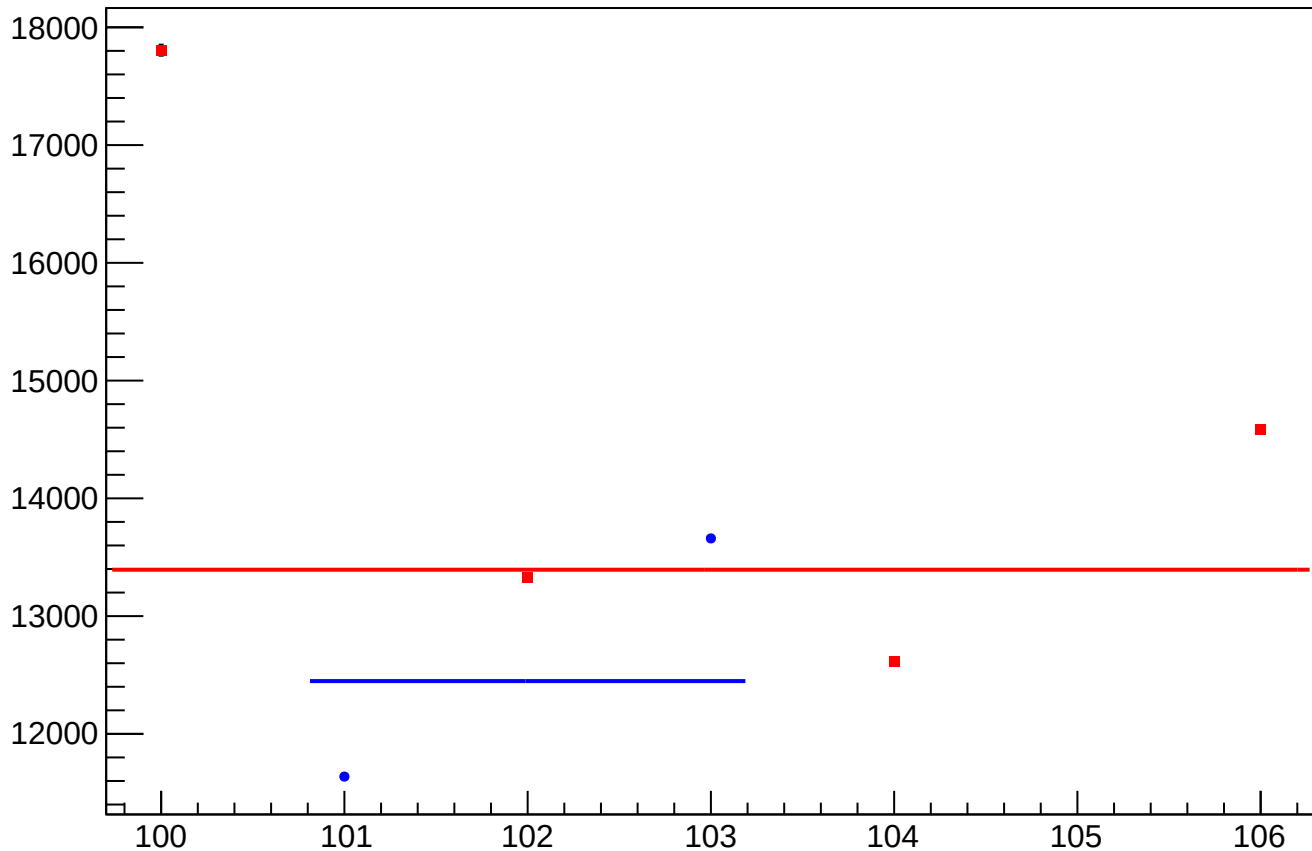
Right: -0.716 $\pm$ 7.740 χ^2 /NDF: 11.1/5

In: -14.113 $\pm$ 11.120 χ^2 /NDF: 3.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.716 $\pm$ 7.740 χ^2 /NDF: 11.1/5

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 12448.325+/-7.863 χ^2/NDF : 15895.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13394.152+/-7.623 χ^2/NDF : 17126.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

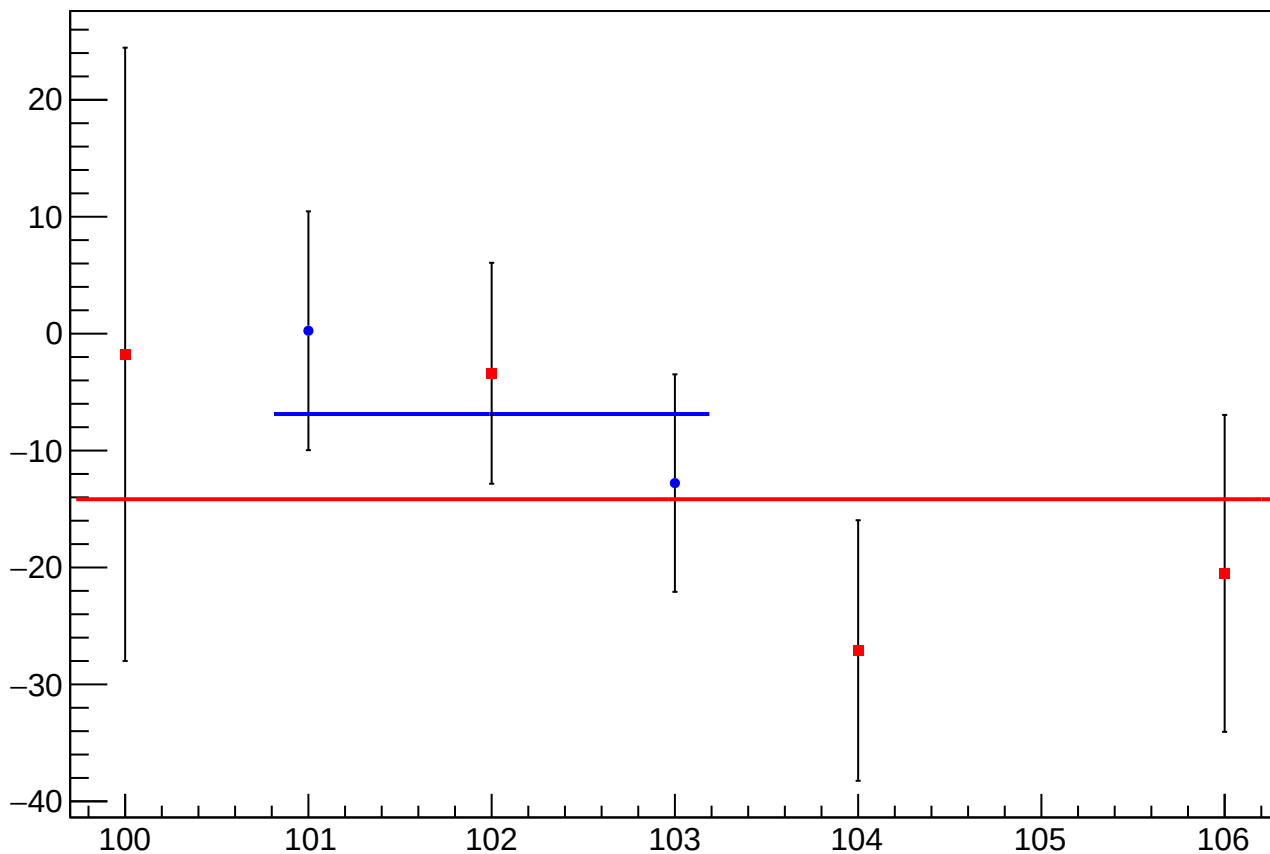
Right: 12935.899+/-5.473 χ^2/NDF : 40480.2/5

In: 12448.325+/-7.863 χ^2/NDF : 15895.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12935.899+/-5.473 χ^2/NDF : 40480.2/5

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -6.874+/-6.877 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.162+/-6.184 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

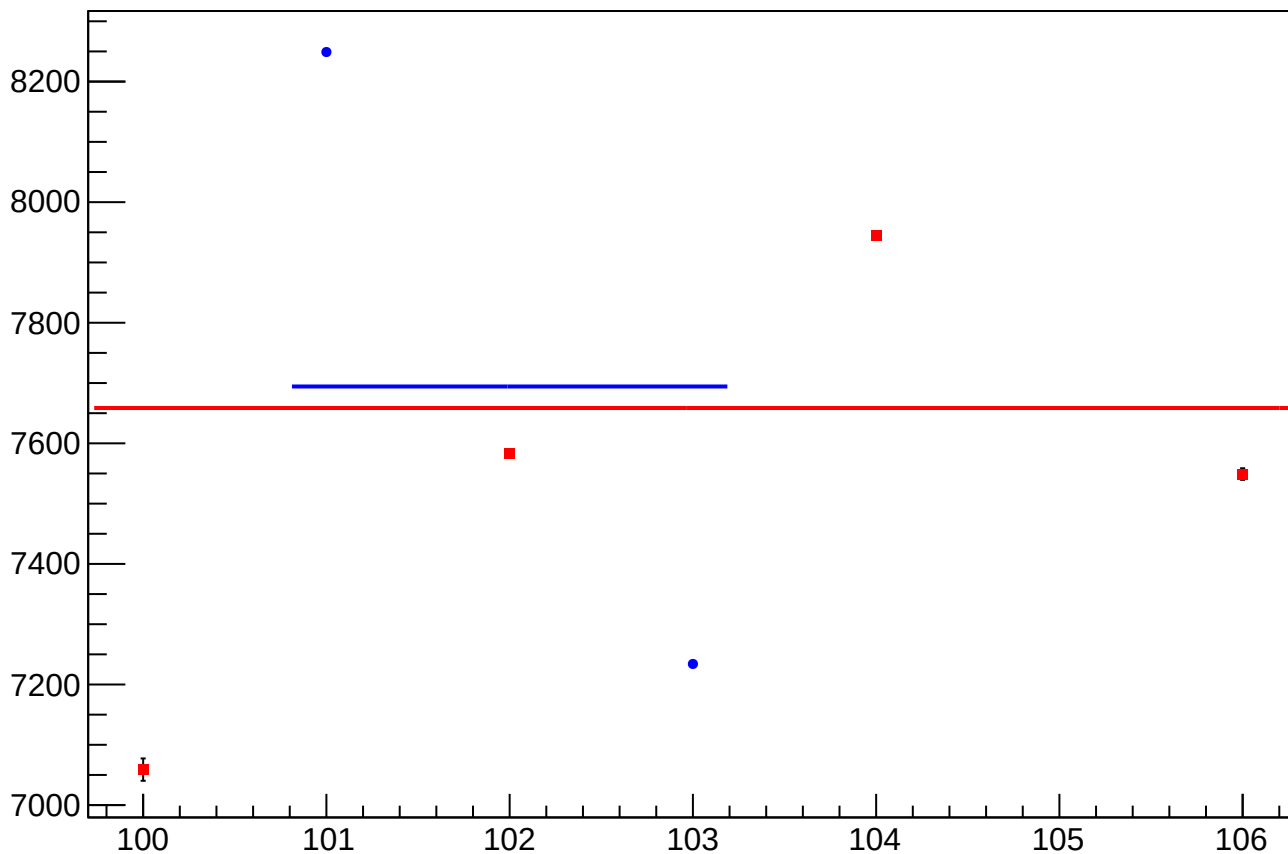
Right: -10.904+/-4.598 χ^2/NDF : 4.6/5

In: -6.874+/-6.877 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.904+/-4.598 χ^2/NDF : 4.6/5

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7694.284+/-4.863 χ^2/NDF : 10795.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7658.613+/-4.373 χ^2/NDF : 2625.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

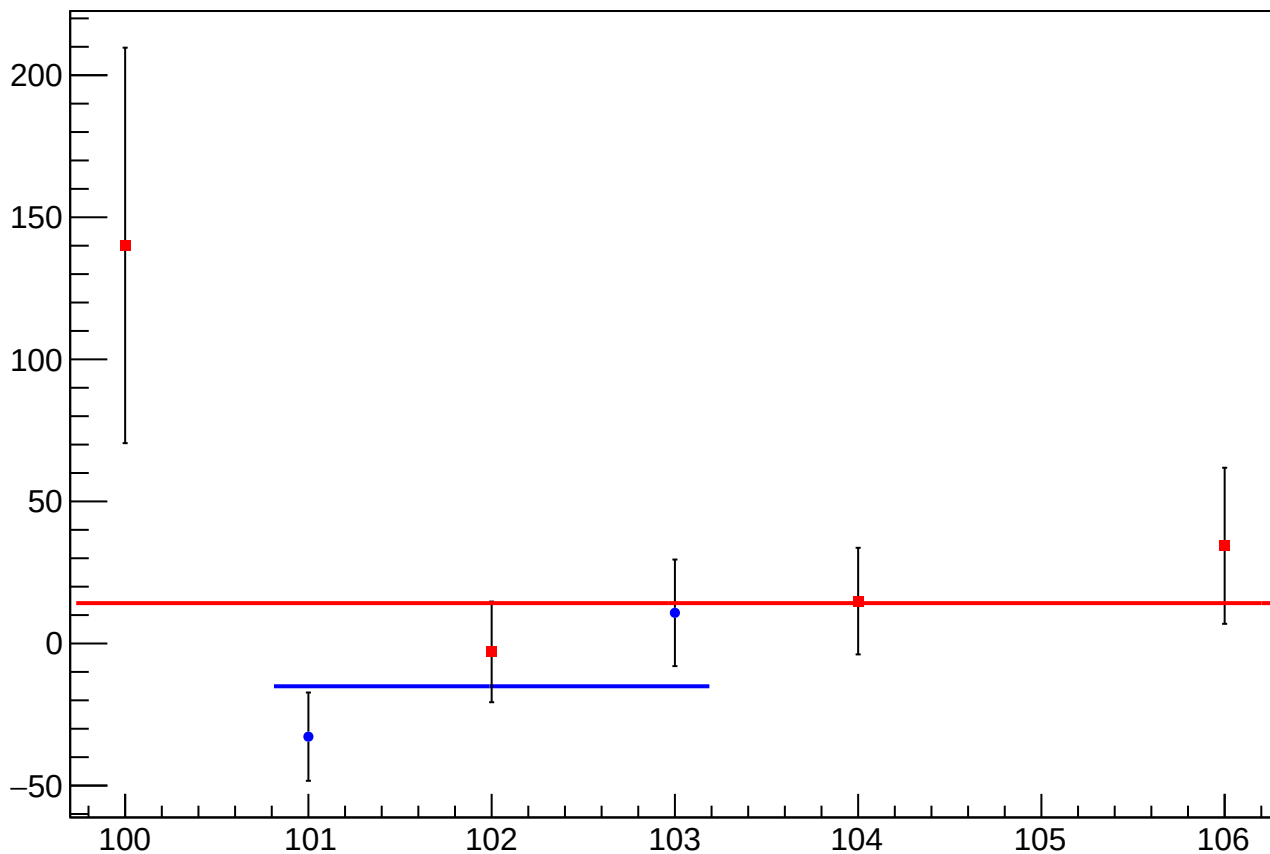
Right: 7674.560+/-3.251 χ^2/NDF : 13450.8/5

In: 7694.284+/-4.863 χ^2/NDF : 10795.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7674.560+/-3.251 χ^2/NDF : 13450.8/5

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -15.055 $\pm$ 11.964 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.210 $\pm$ 11.498 χ^2 /NDF: 4.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

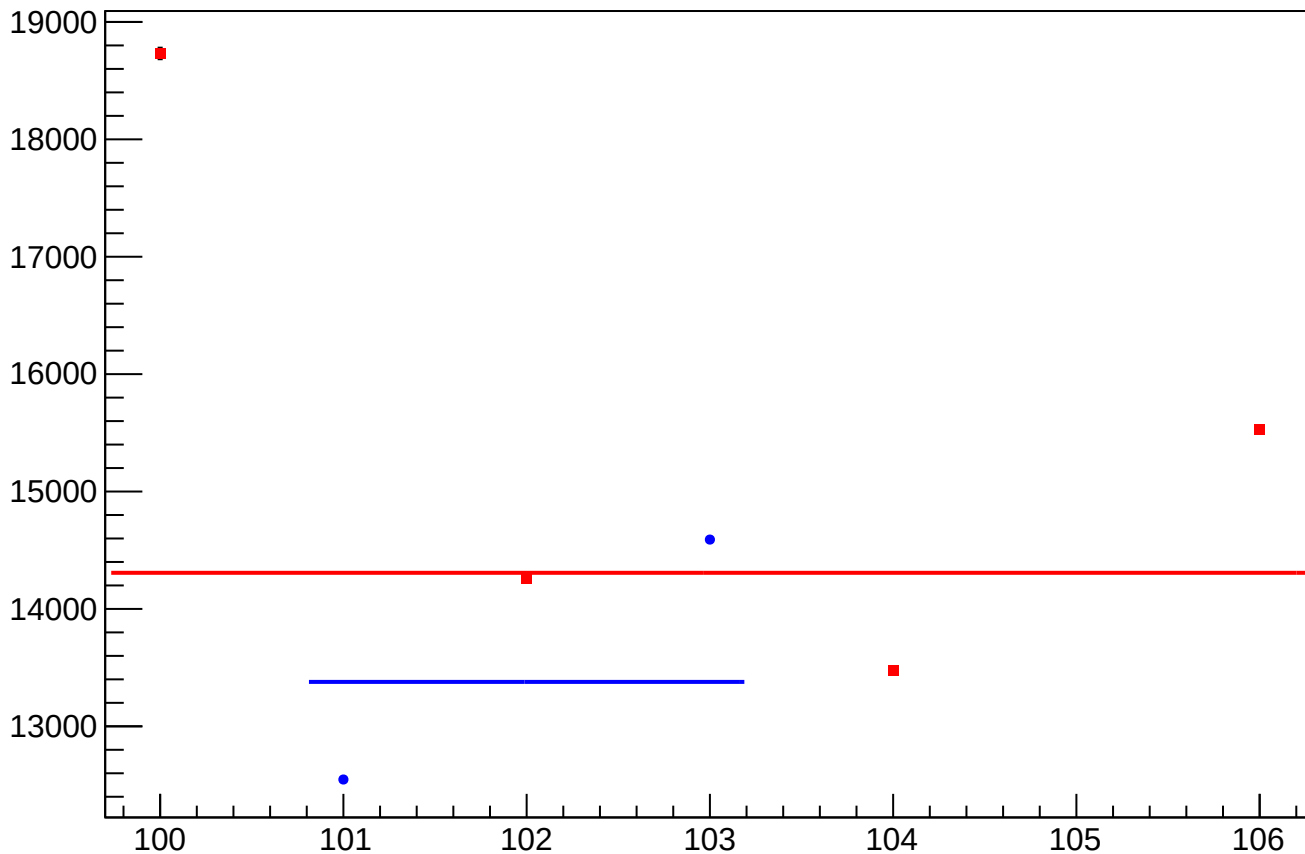
Right: 0.158 $\pm$ 8.290 χ^2 /NDF: 11.1/5

In: -15.055 $\pm$ 11.964 χ^2 /NDF: 3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.158 $\pm$ 8.290 χ^2 /NDF: 11.1/5

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13378.385+/-8.460 χ^2/NDF : 14085.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14307.684+/-8.130 χ^2/NDF : 15981.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

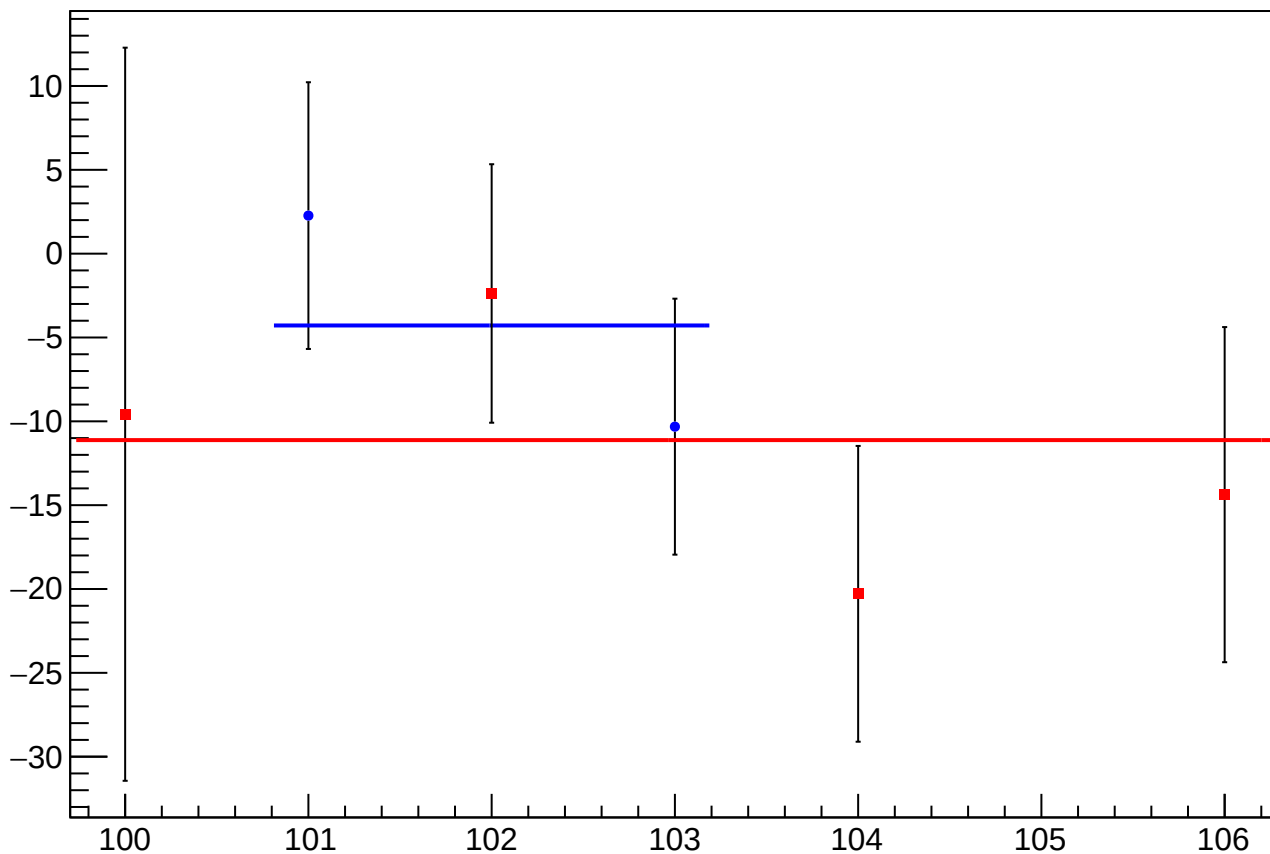
Right: 13861.459+/-5.862 χ^2/NDF : 36340.2/5

In: 13378.385+/-8.460 χ^2/NDF : 14085.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13861.459+/-5.862 χ^2/NDF : 36340.2/5

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.283 ± 5.507 χ^2/NDF : 1.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.119 ± 4.892 χ^2/NDF : 2.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

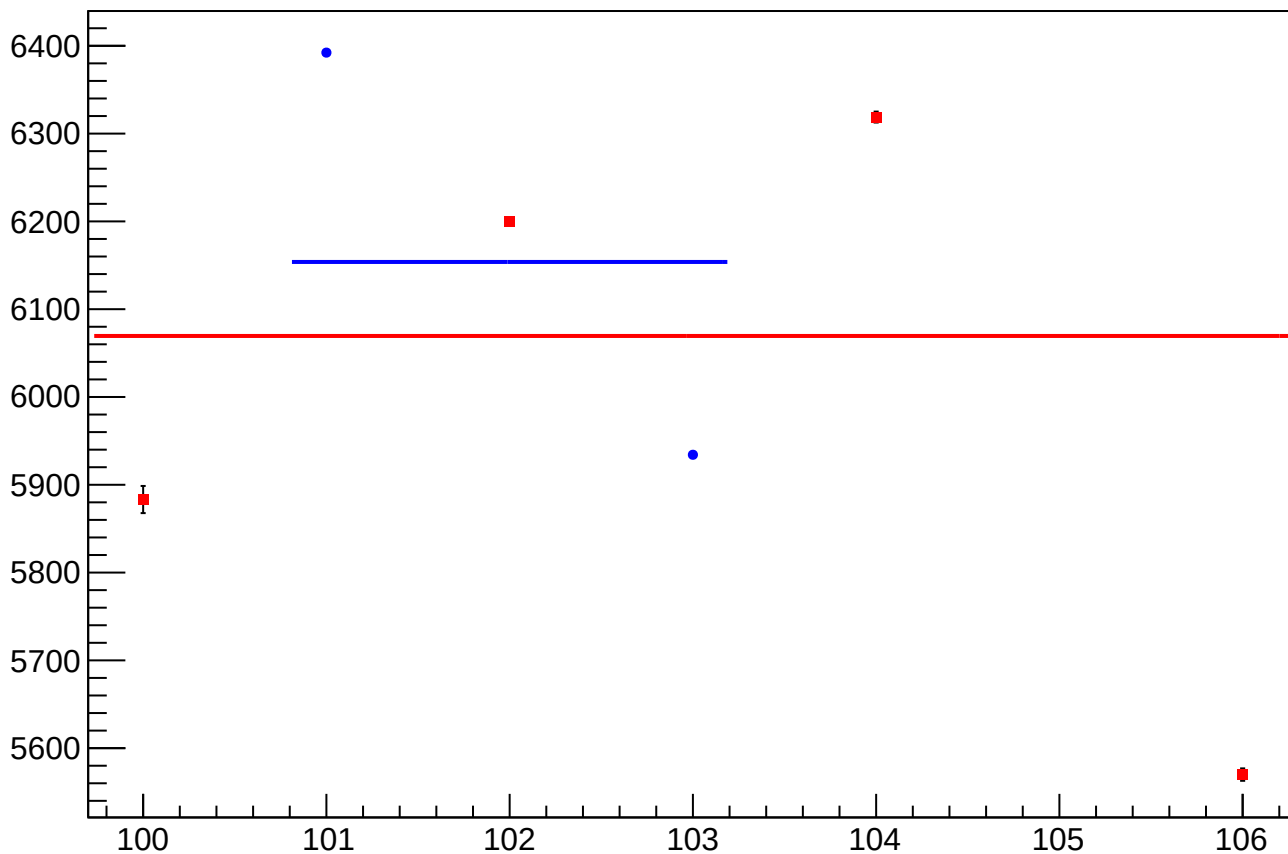
Right: -8.104 ± 3.657 χ^2/NDF : 4.6/5

In: -4.283 ± 5.507 χ^2/NDF : 1.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.104 ± 3.657 χ^2/NDF : 4.6/5

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6153.804+/-3.894 χ^2/NDF : 3453.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6069.510+/-3.459 χ^2/NDF : 7309.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

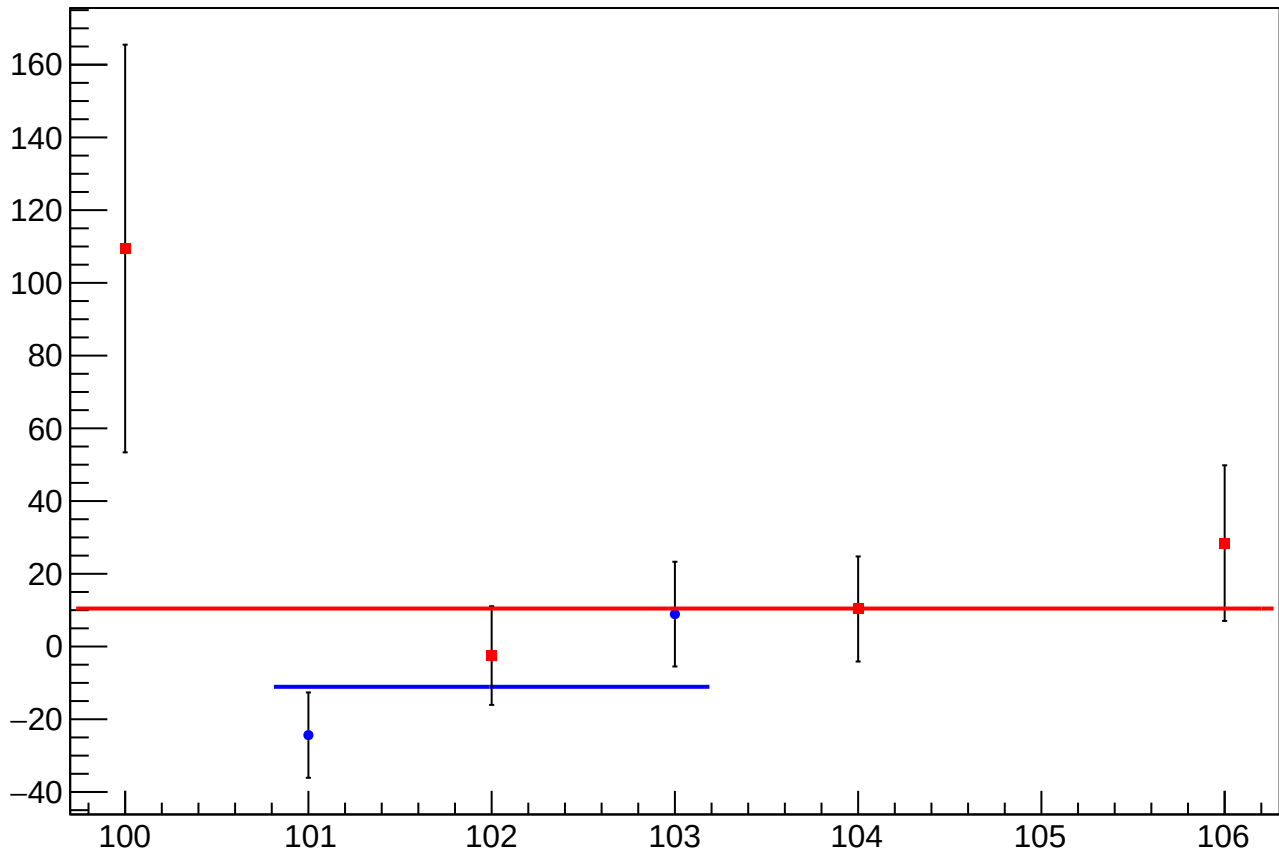
Right: 6106.687+/-2.586 χ^2/NDF : 11025.2/5

In: 6153.804+/-3.894 χ^2/NDF : 3453.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6106.687+/-2.586 χ^2/NDF : 11025.2/5

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -11.077+/-9.099 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.446+/-8.865 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

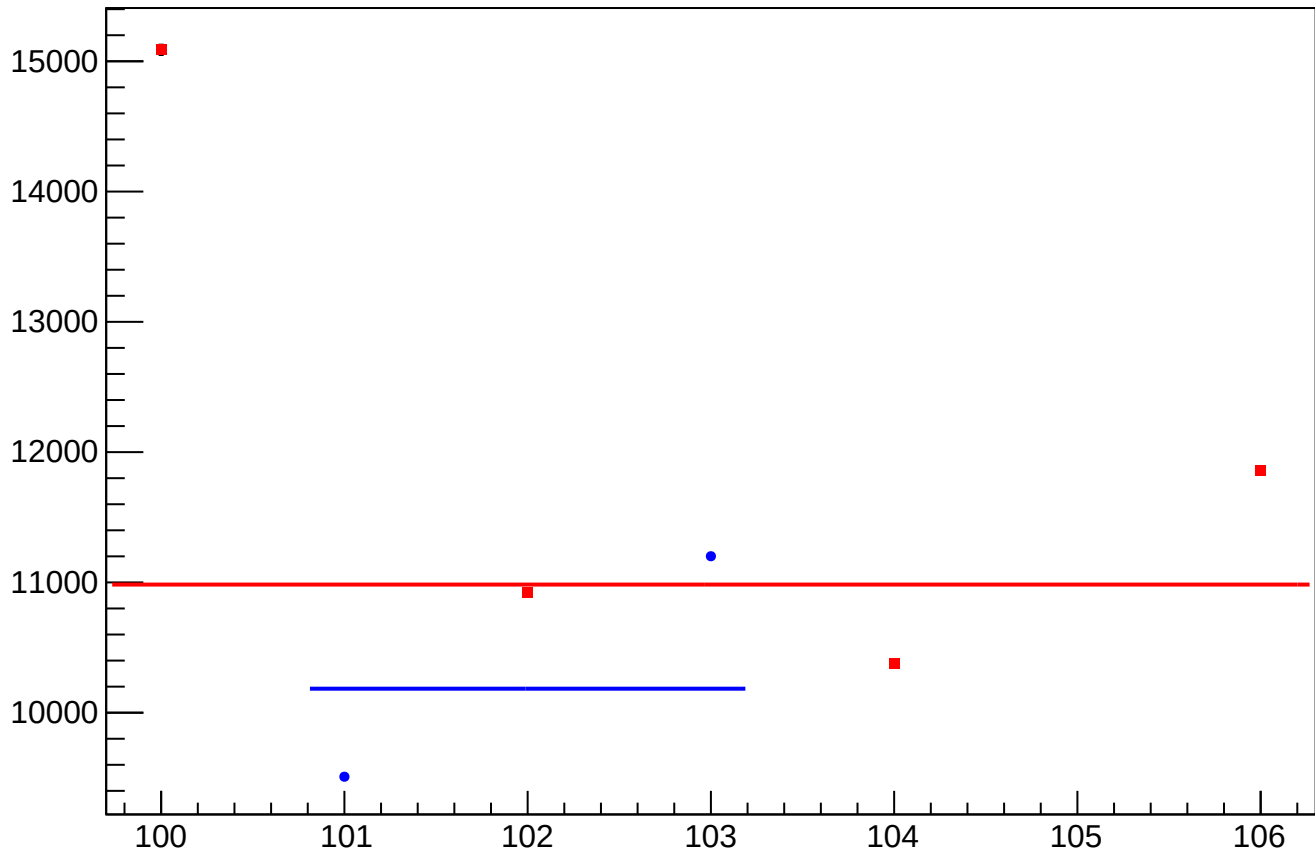
Right: -0.037+/-6.350 χ^2/NDF : 10.8/5

In: -11.077+/-9.099 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.037+/-6.350 χ^2/NDF : 10.8/5

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 10184.264+/-6.434 χ^2/NDF : 16596.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10983.456+/-6.269 χ^2/NDF : 17618.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

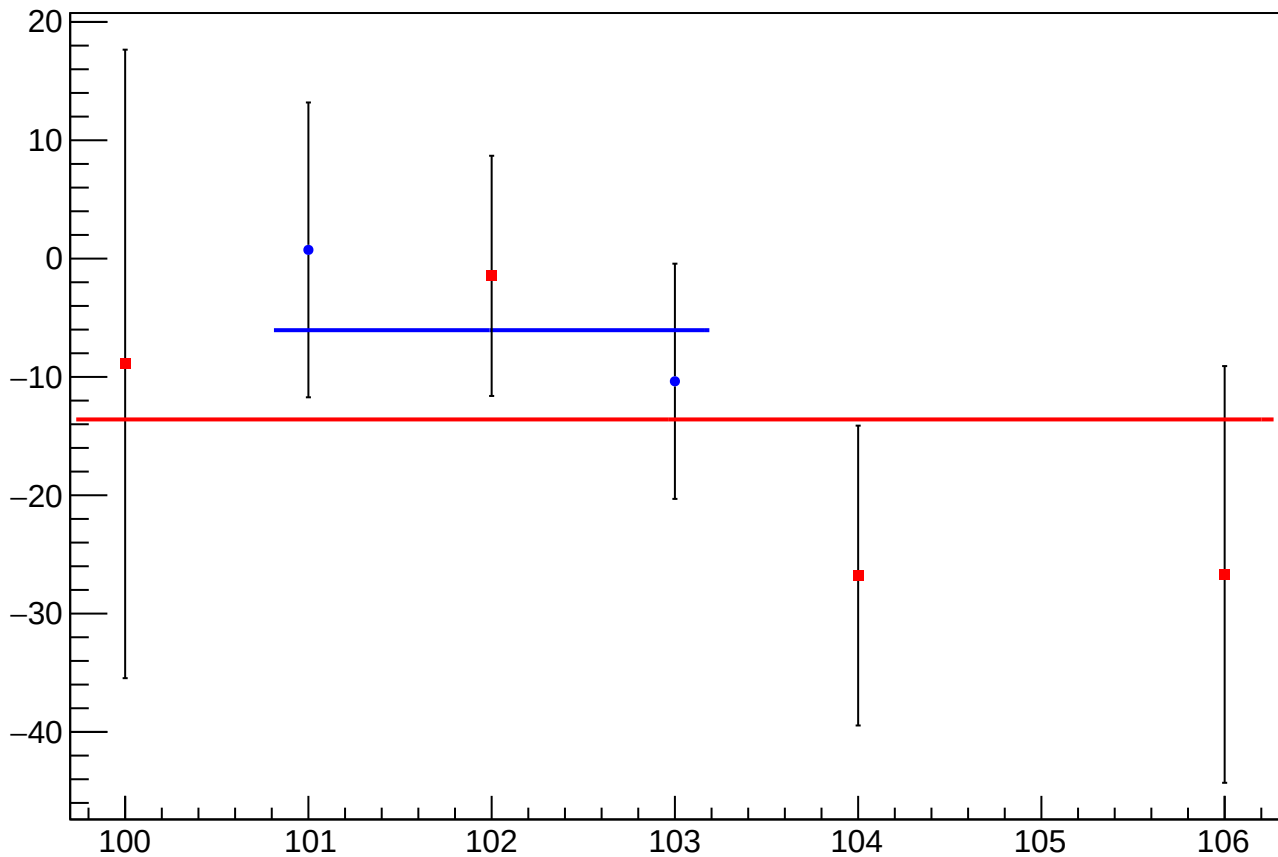
Right: 10594.226+/-4.490 χ^2/NDF : 42131.1/5

In: 10184.264+/-6.434 χ^2/NDF : 16596.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10594.226+/-4.490 χ^2/NDF : 42131.1/5

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -6.050 ± 7.769 χ^2/NDF : 0.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.592 ± 6.971 χ^2/NDF : 3.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

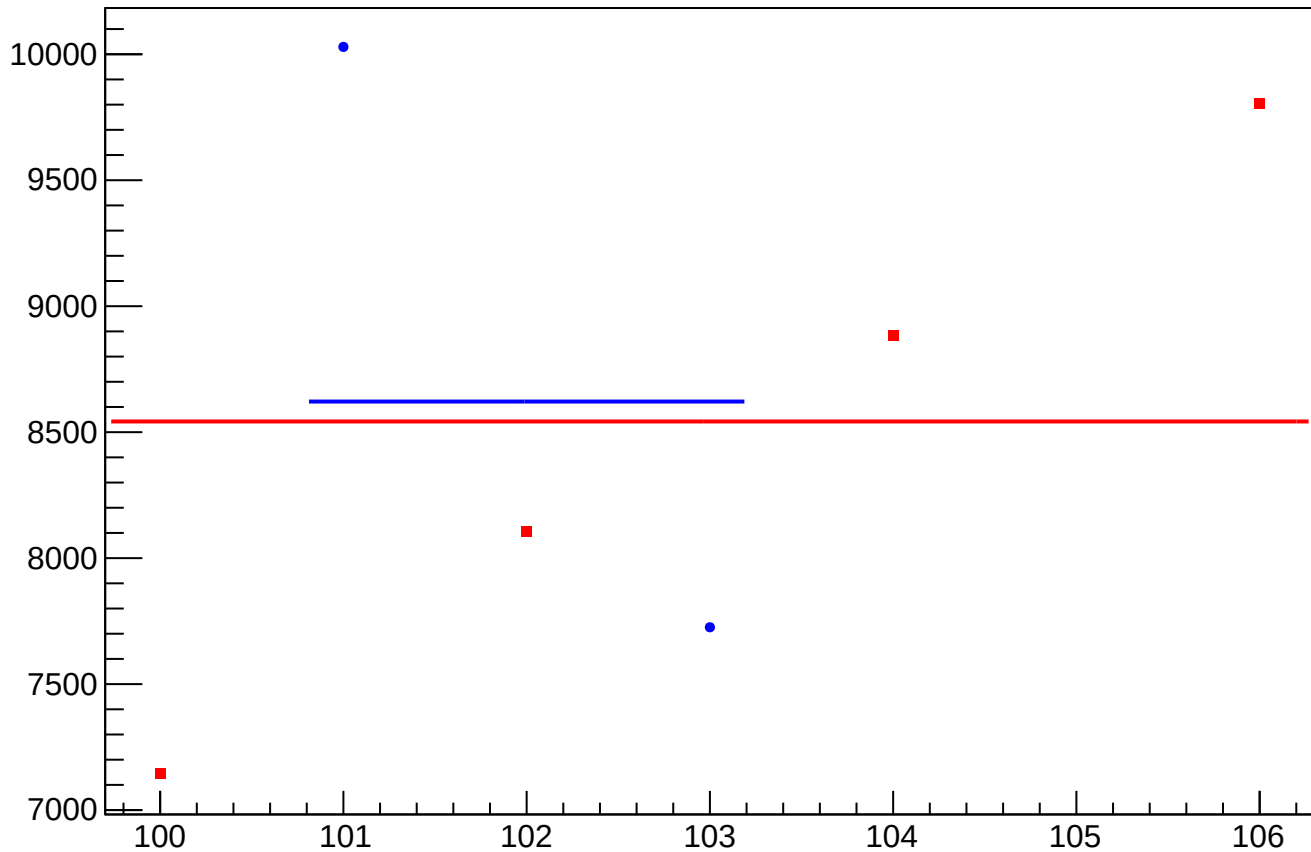
Right: -10.229 ± 5.188 χ^2/NDF : 4.1/5

In: -6.050 ± 7.769 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.229 ± 5.188 χ^2/NDF : 4.1/5

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 8621.570+/-5.494 χ^2/NDF : 41787.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8542.459+/-4.929 χ^2/NDF : 20978.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

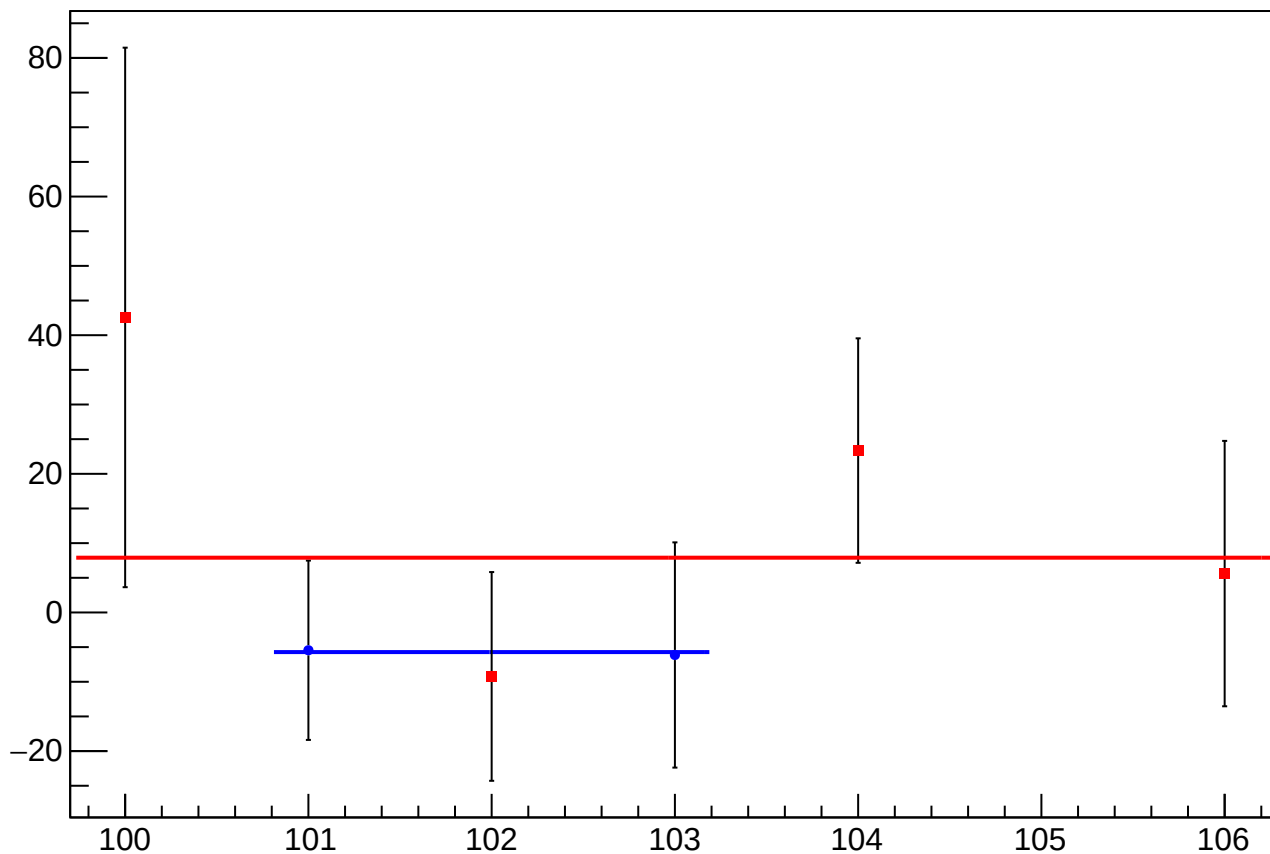
Right: 8577.740+/-3.669 χ^2/NDF : 62881.1/5

In: 8621.570+/-5.494 χ^2/NDF : 41787.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8577.740+/-3.669 χ^2/NDF : 62881.1/5

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -5.716+/-10.120 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.902+/-9.279 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

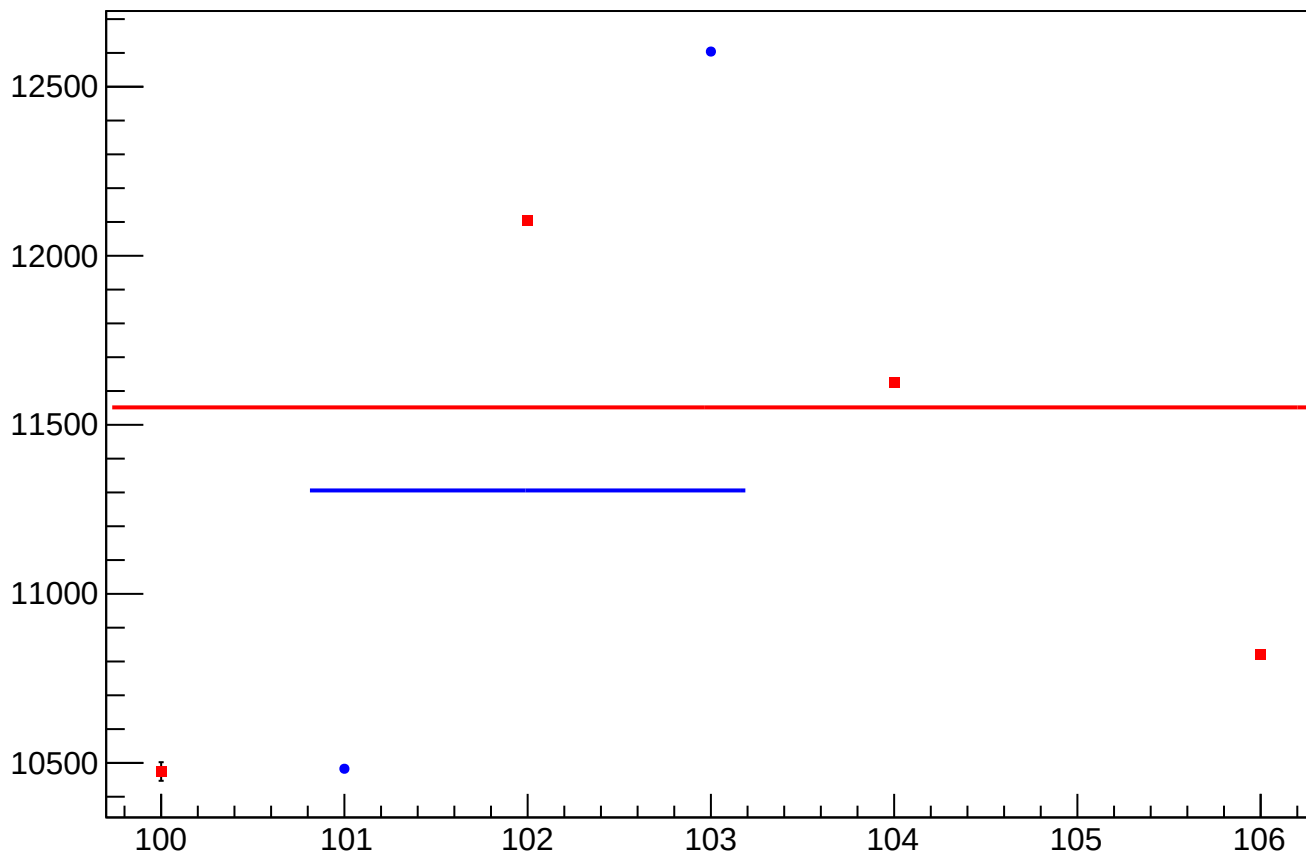
Right: 1.682+/-6.839 χ^2/NDF : 4.0/5

In: -5.716+/-10.120 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.682+/-6.839 χ^2/NDF : 4.0/5

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11305.903+/-7.156 χ^2/NDF : 20866.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11551.590+/-6.561 χ^2/NDF : 7179.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

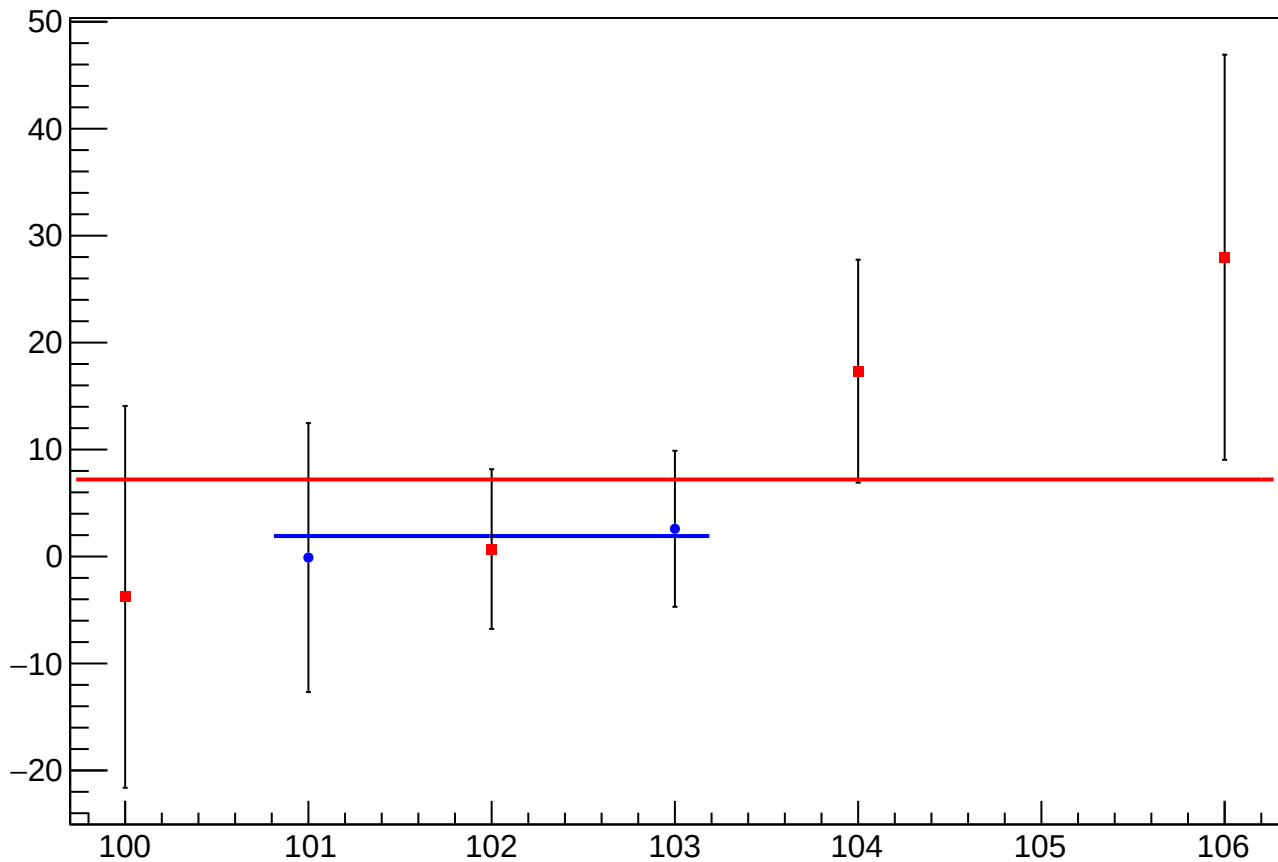
Right: 11439.381+/-4.836 χ^2/NDF : 28685.8/5

In: 11305.903+/-7.156 χ^2/NDF : 20866.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11439.381+/-4.836 χ^2/NDF : 28685.8/5

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: 1.915+/-6.308 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.202+/-5.498 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

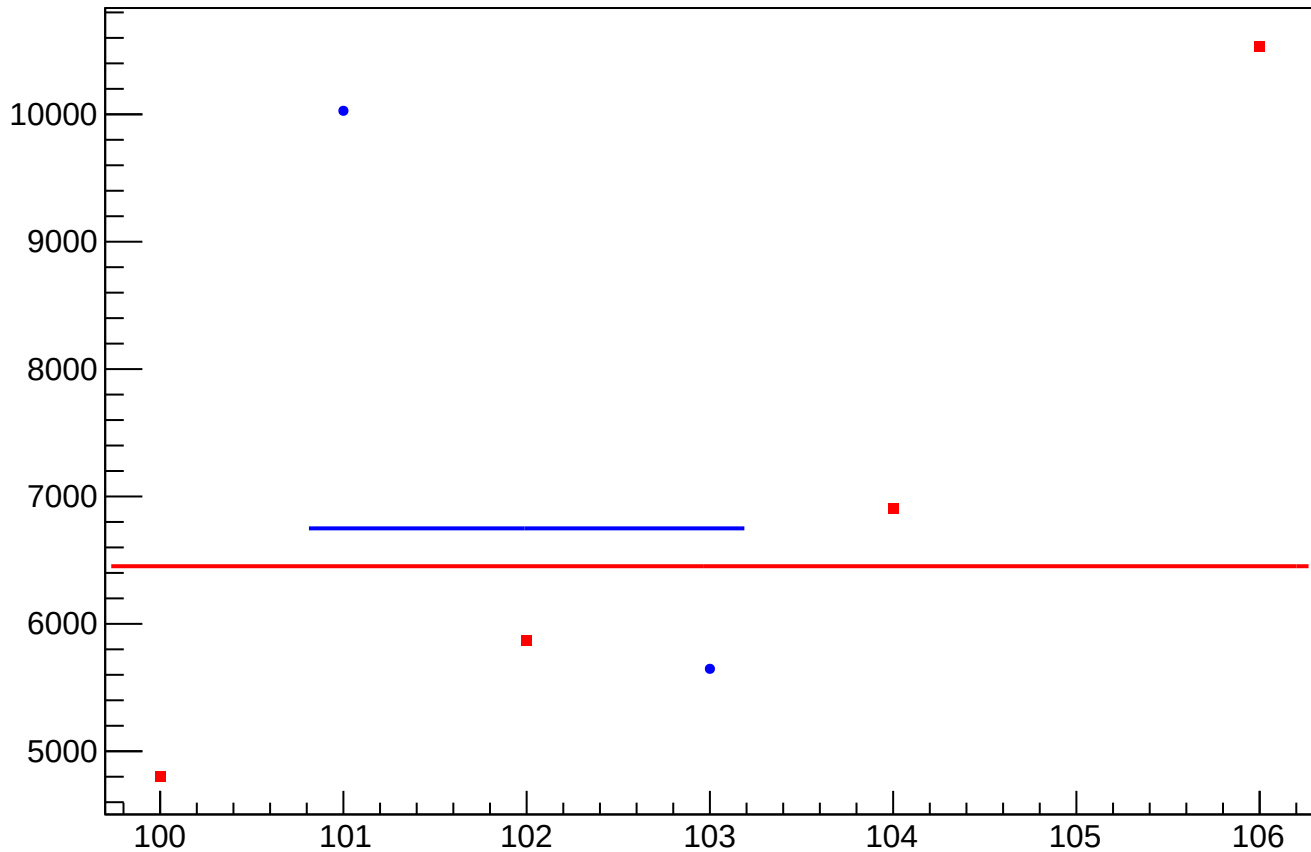
Right: 4.919+/-4.145 χ^2/NDF : 3.7/5

In: 1.915+/-6.308 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.919+/-4.145 χ^2/NDF : 3.7/5

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6749.644+/-4.460 χ^2/NDF : 181689.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6452.465+/-3.888 χ^2/NDF : 125755.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

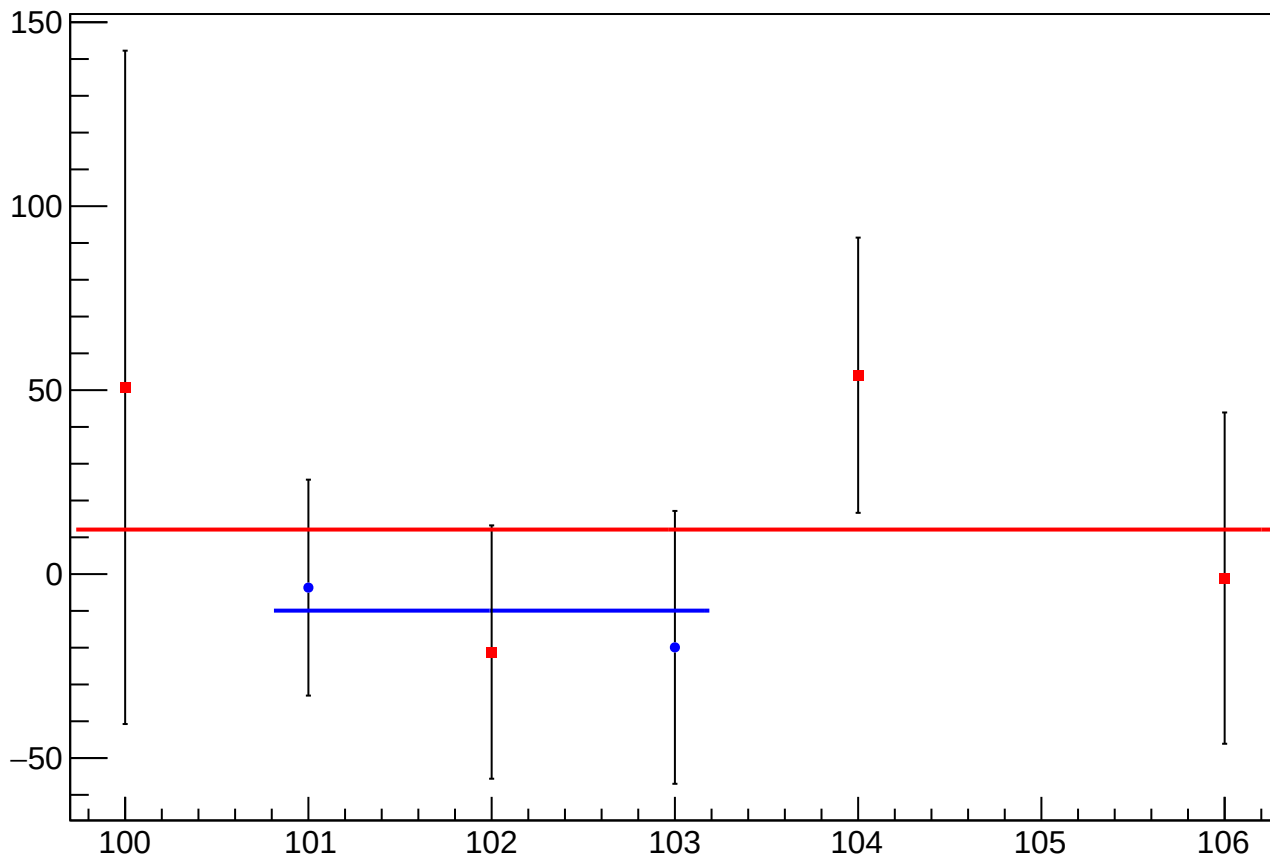
Right: 6580.783+/-2.931 χ^2/NDF : 309968.0/5

In: 6749.644+/-4.460 χ^2/NDF : 181689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6580.783+/-2.931 χ^2/NDF : 309968.0/5

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.107+/-21.461 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

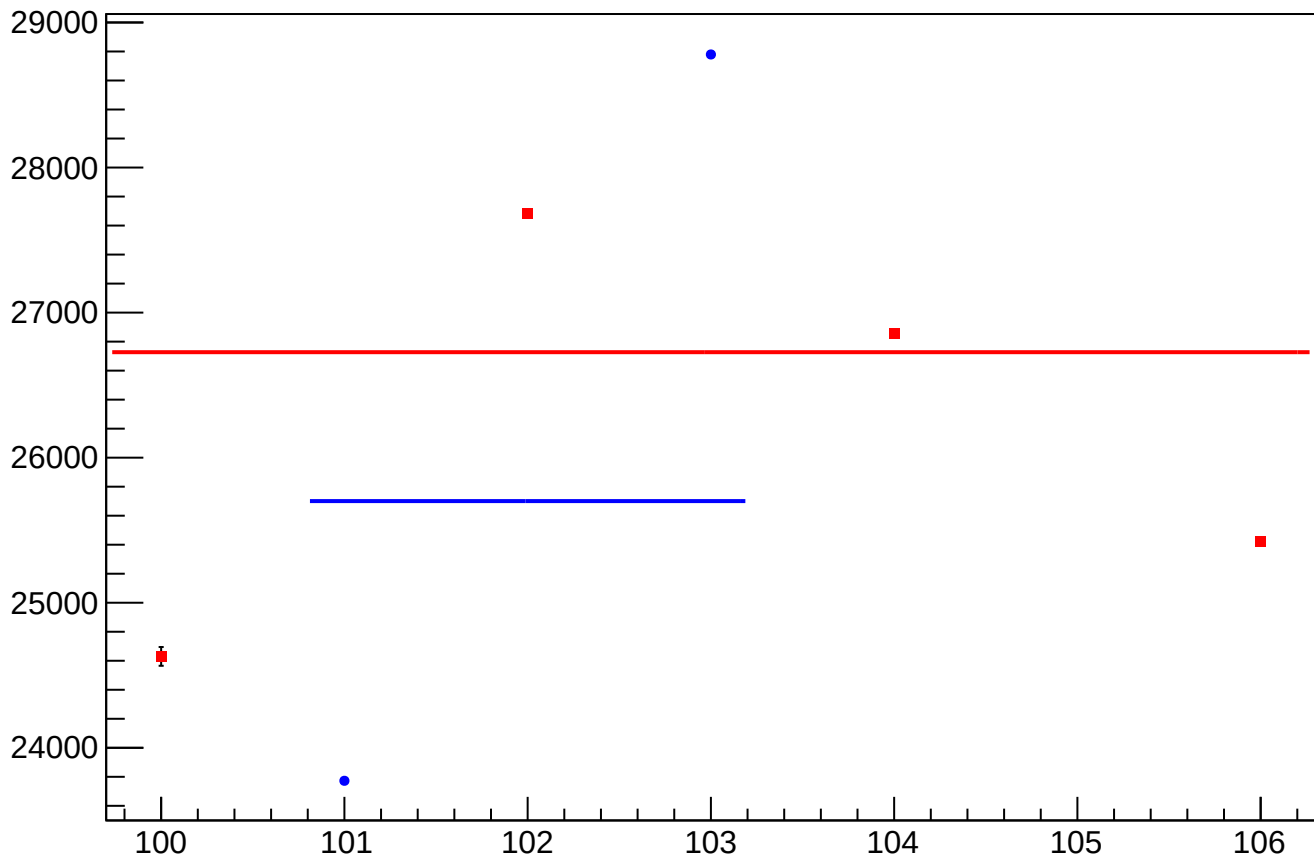
Right: 1.857+/-15.695 χ^2/NDF : 3.1/5

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.857+/-15.695 χ^2/NDF : 3.1/5

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26727.139+/-15.176 χ^2/NDF : 4290.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

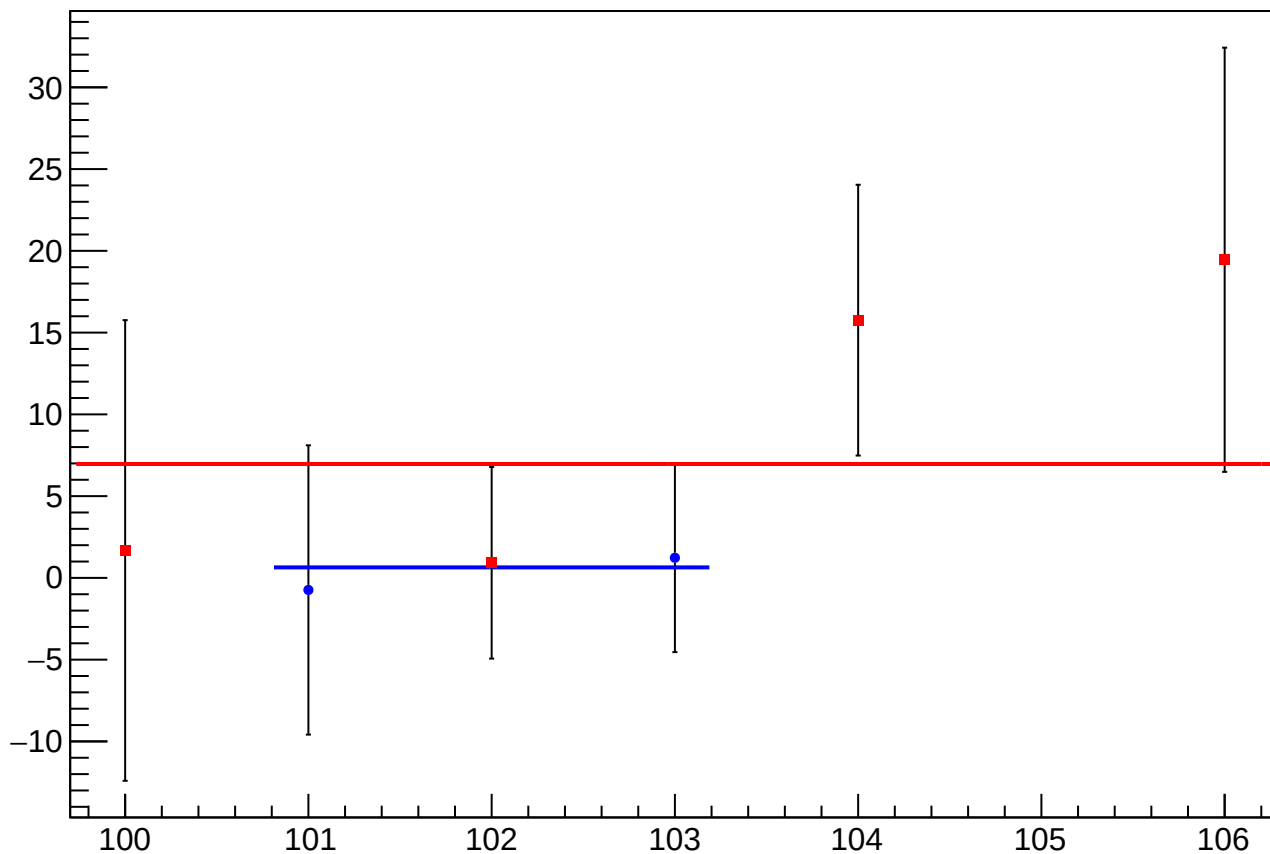
Right: 26249.643+/-11.098 χ^2/NDF : 28839.0/5

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26249.643+/-11.098 χ^2/NDF : 28839.0/5

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.642 $\pm$ 4.831 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.965 $\pm$ 4.276 χ^2 /NDF: 3.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

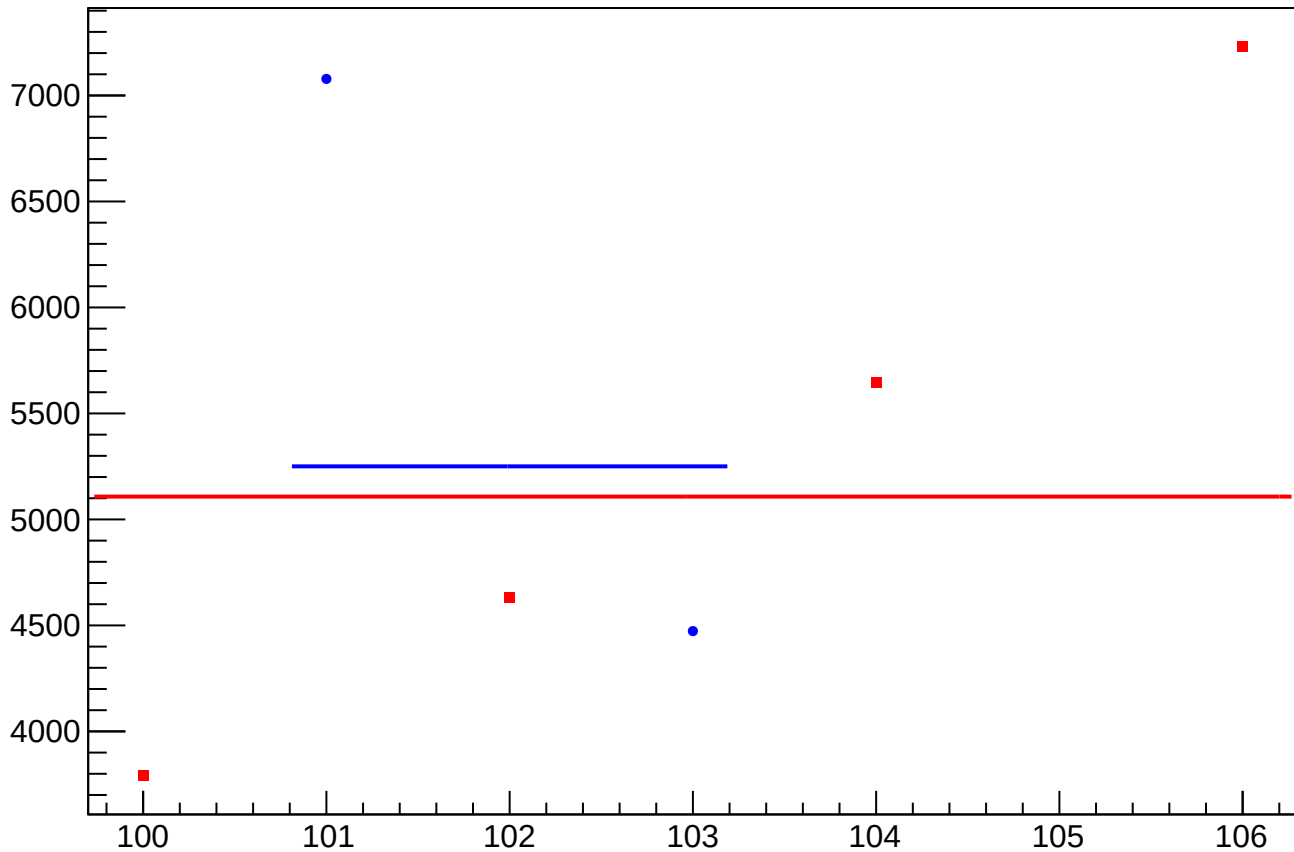
Right: 4.188 $\pm$ 3.202 χ^2 /NDF: 4.3/5

In: 0.642 $\pm$ 4.831 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.188 $\pm$ 3.202 χ^2 /NDF: 4.3/5

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 5250.389+/-3.416 χ^2/NDF : 121718.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5107.716+/-3.024 χ^2/NDF : 92774.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

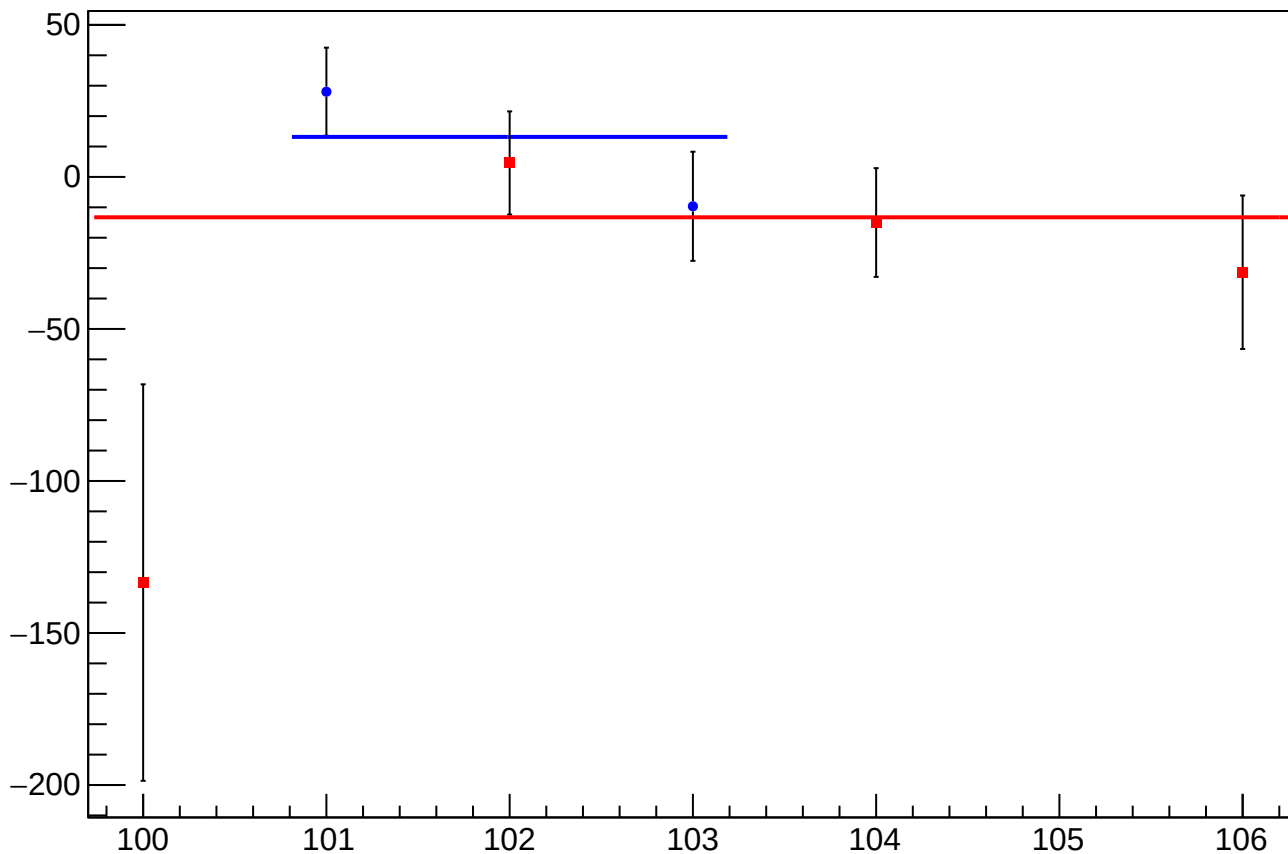
Right: 5170.390+/-2.264 χ^2/NDF : 215471.5/5

In: 5250.389+/-3.416 χ^2/NDF : 121718.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5170.390+/-2.264 χ^2/NDF : 215471.5/5

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 13.159+/-11.273 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.281+/-10.908 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

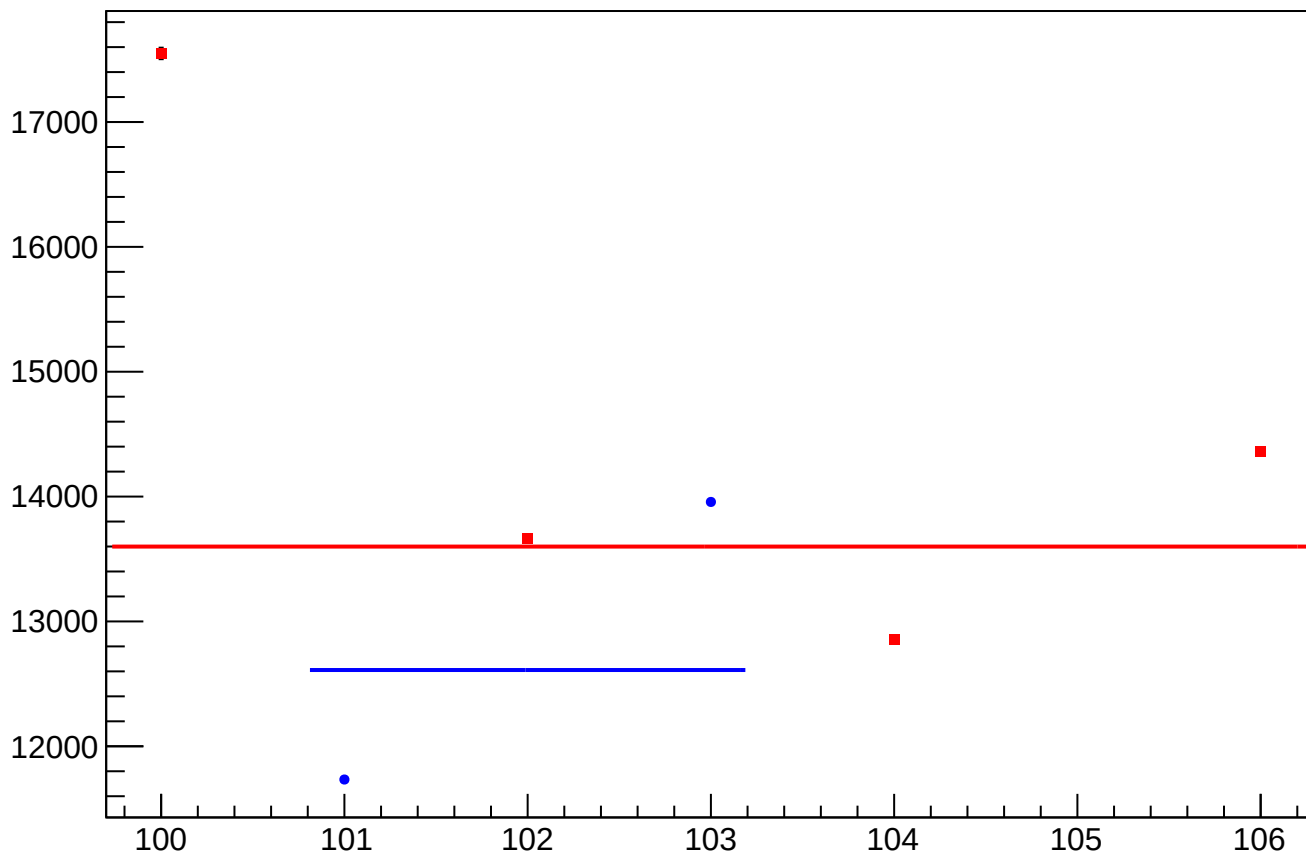
Right: -0.495+/-7.839 χ^2/NDF : 10.5/5

In: 13.159+/-11.273 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.495+/-7.839 χ^2/NDF : 10.5/5

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12610.835+/-7.971 χ^2/NDF : 18582.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13599.527+/-7.713 χ^2/NDF : 12672.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

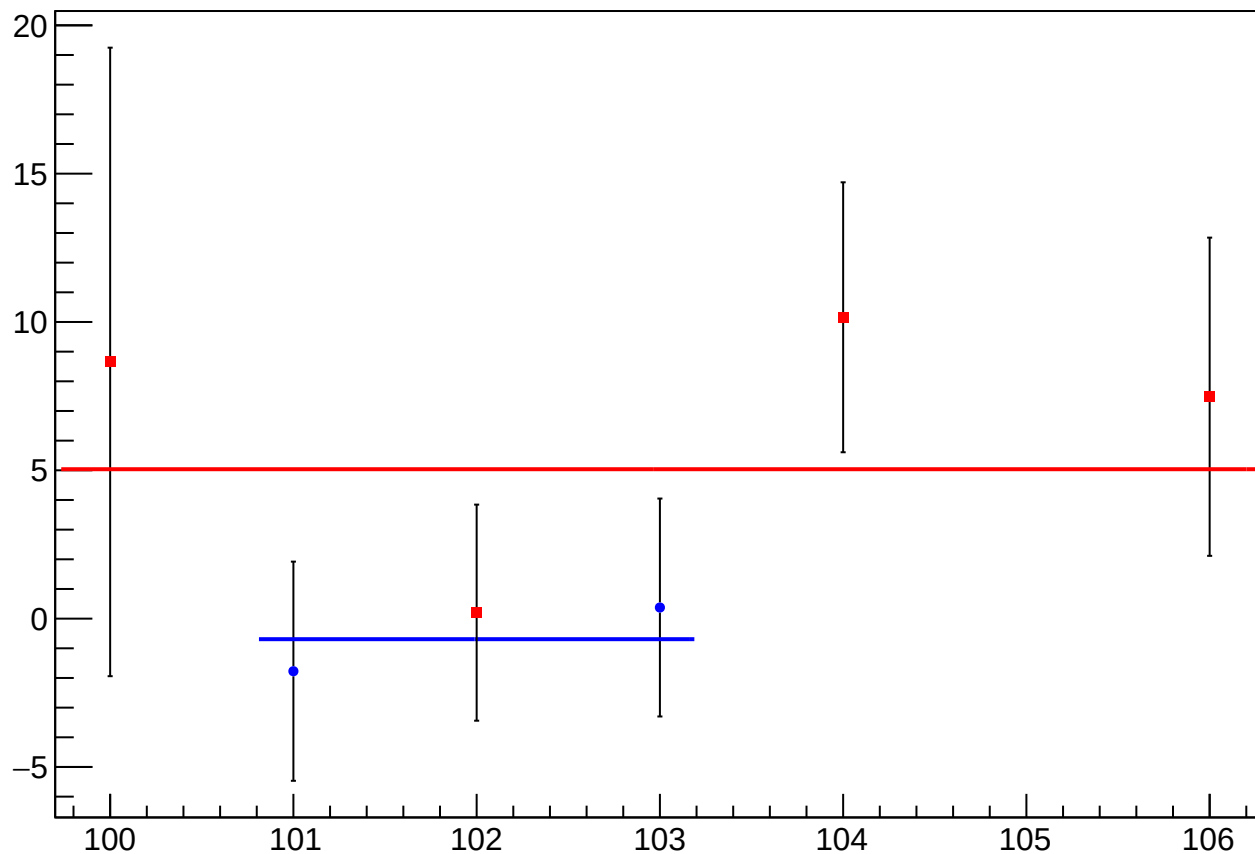
Right: 13121.430+/-5.543 χ^2/NDF : 39199.7/5

In: 12610.835+/-7.971 χ^2/NDF : 18582.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13121.430+/-5.543 χ^2/NDF : 39199.7/5

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.693 $\pm$ 2.605 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.037 $\pm$ 2.444 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

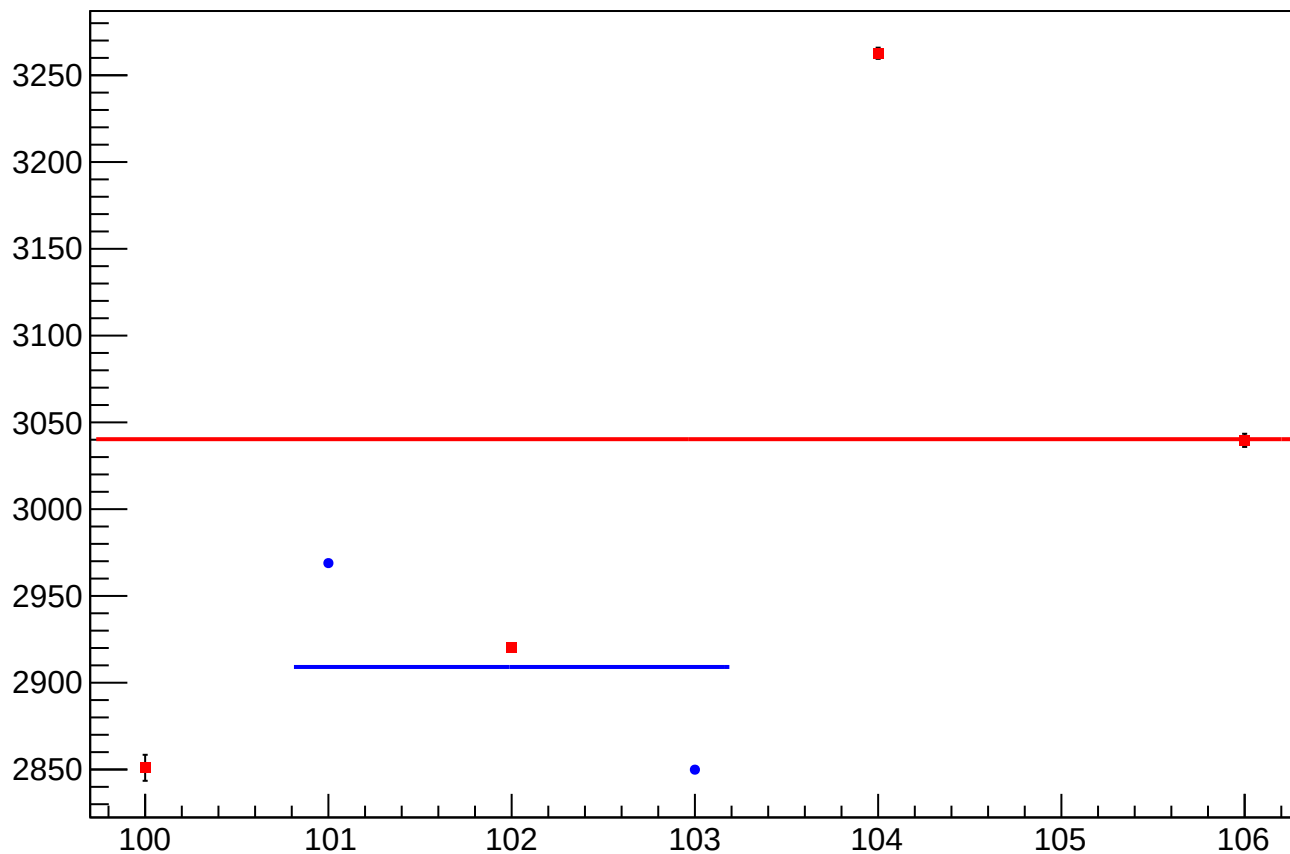
Right: 2.354 $\pm$ 1.782 χ^2 /NDF: 6.1/5

In: -0.693 $\pm$ 2.605 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.354 $\pm$ 1.782 χ^2 /NDF: 6.1/5

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 2909.074+/-1.842 χ^2/NDF : 1043.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3040.315+/-1.728 χ^2/NDF : 7578.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2978.858+/-1.260 χ^2/NDF : 11322.8/5

In: 2909.074+/-1.842 χ^2/NDF : 1043.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2978.858+/-1.260 χ^2/NDF : 11322.8/5

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

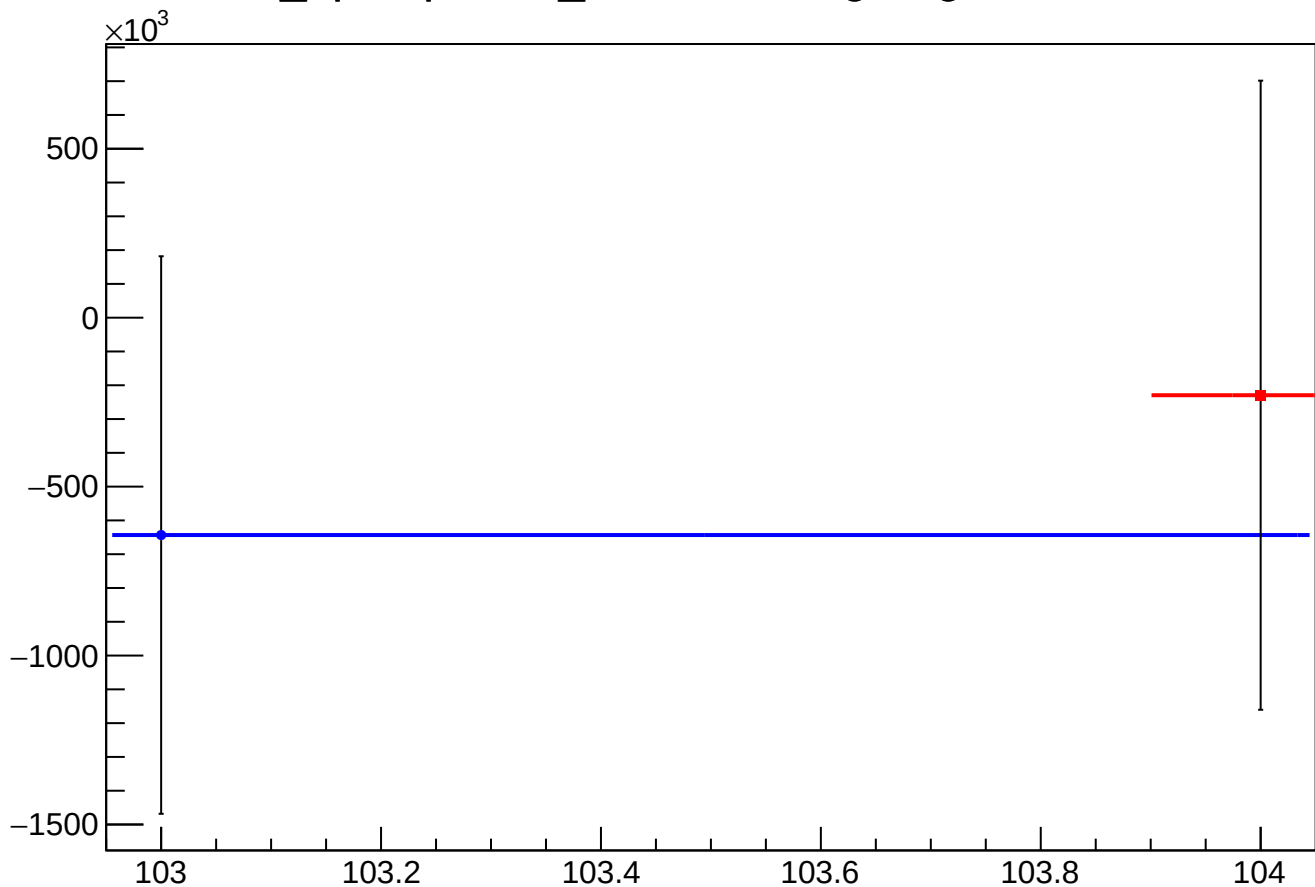
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229463.637+/-930938.464 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

In: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

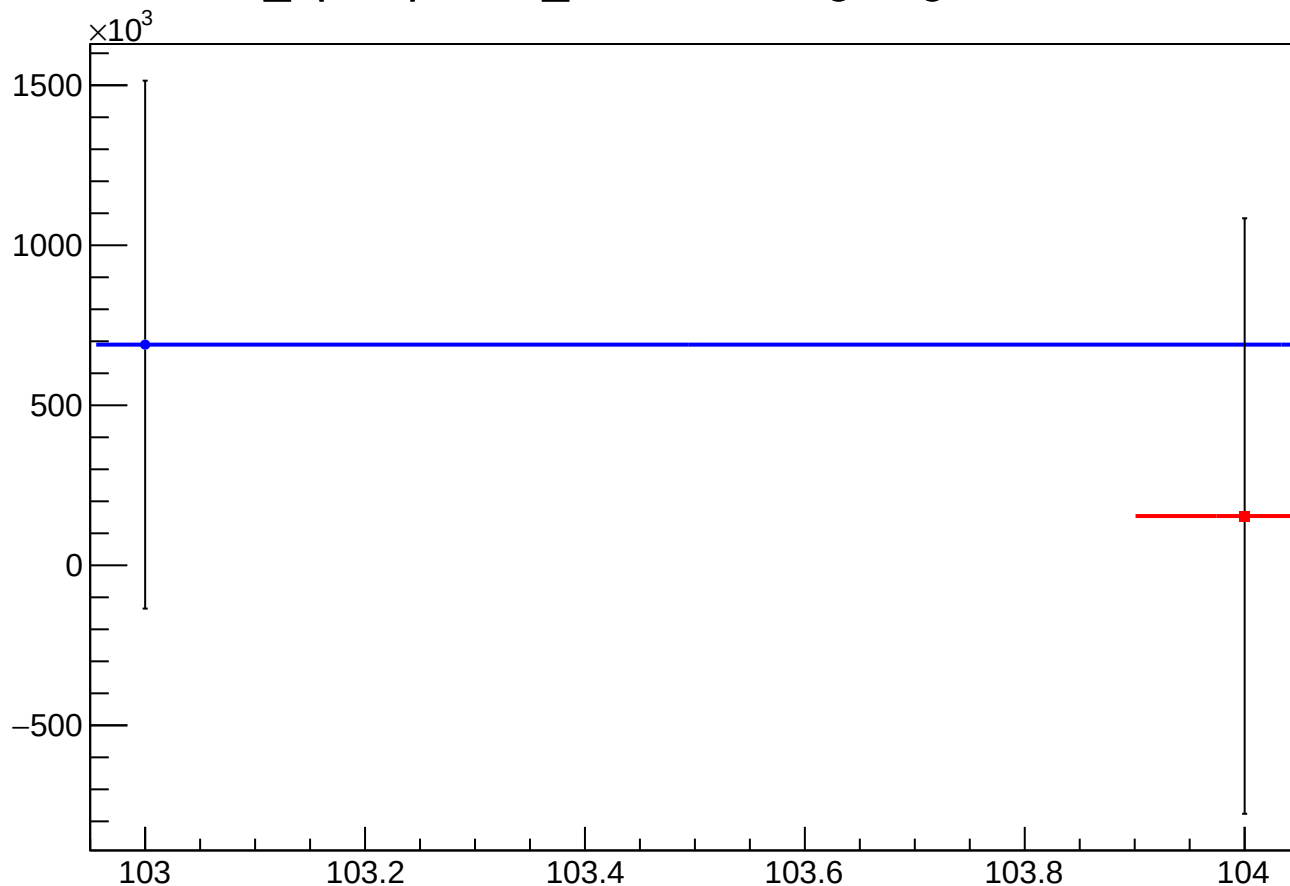
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153979.267+/-930380.849 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

In: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

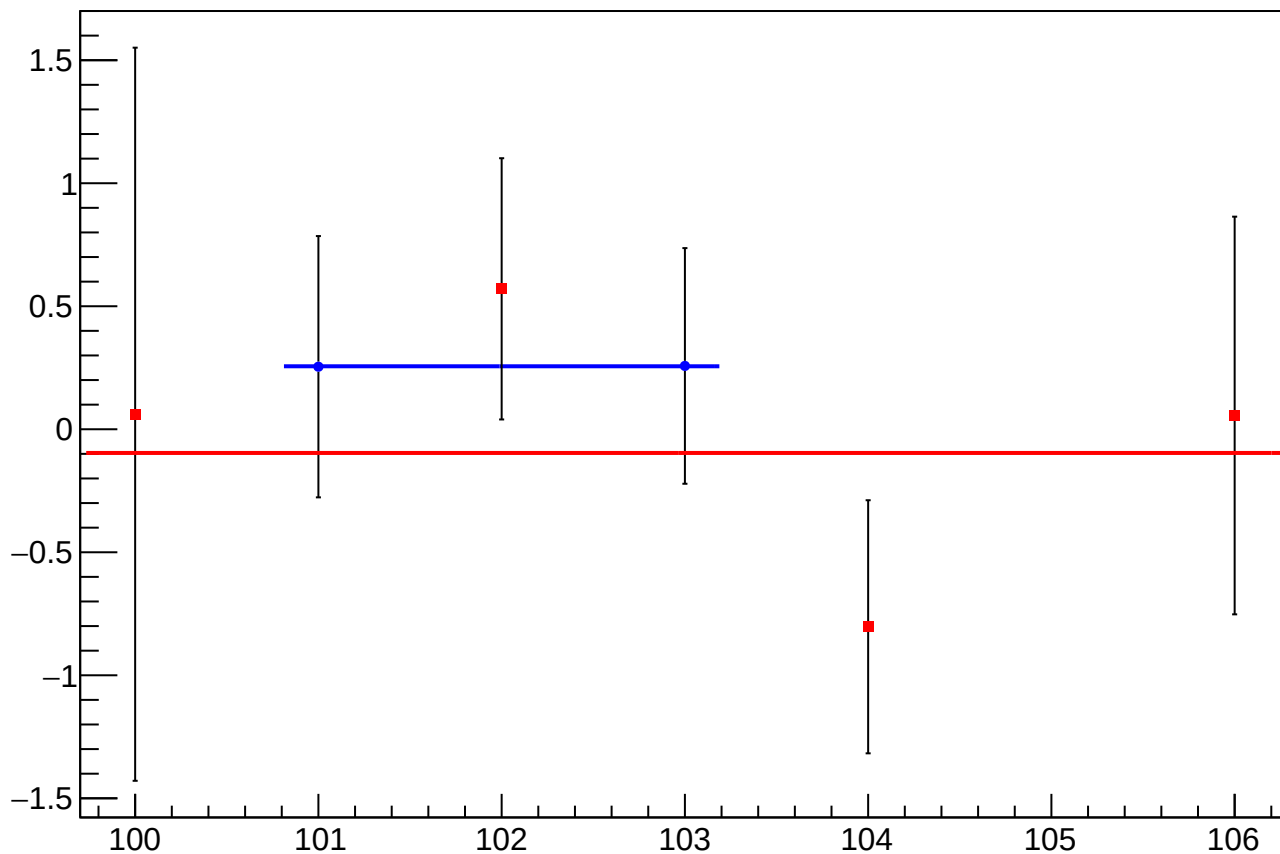
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256 $\pm$ 0.356 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.096 $\pm$ 0.328 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

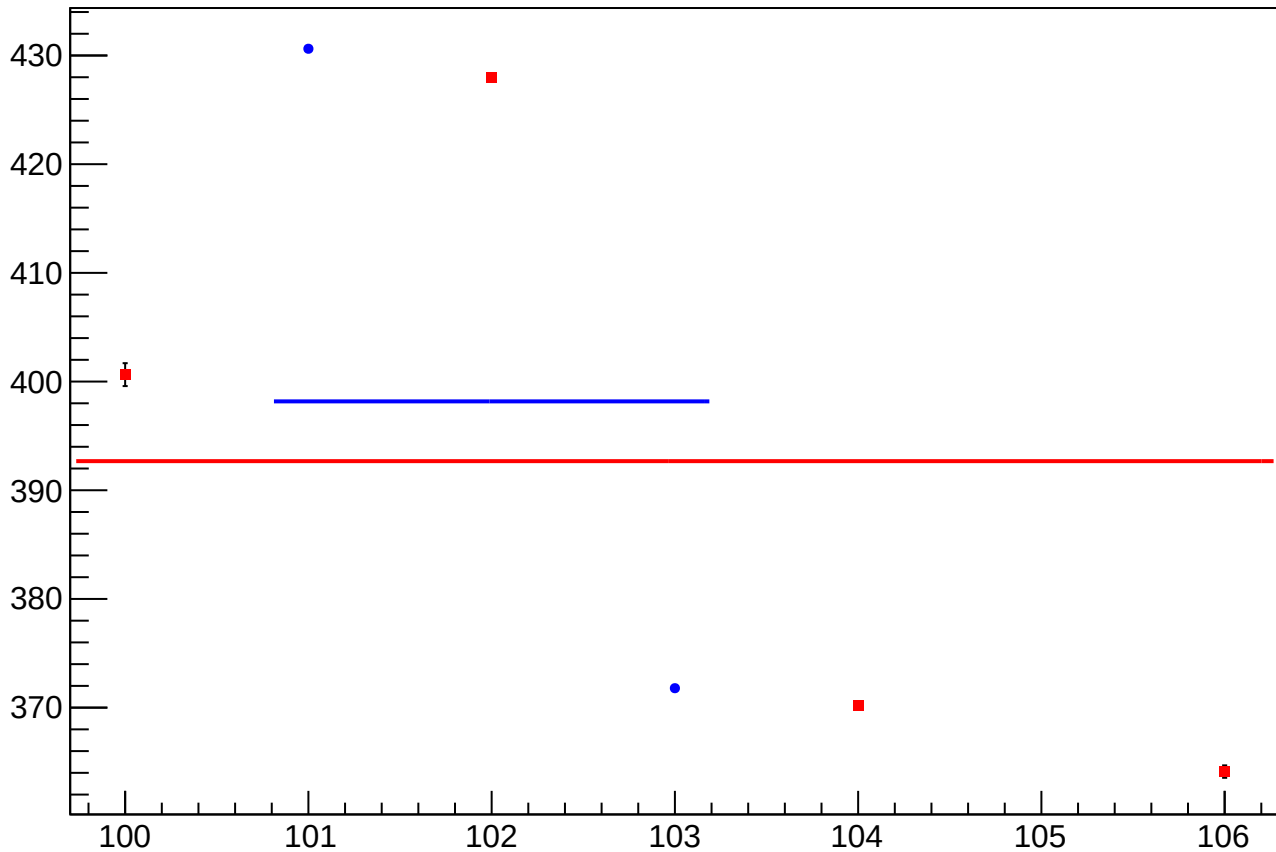
Right: 0.065 $\pm$ 0.241 χ^2 /NDF: 4.0/5

In: 0.256 $\pm$ 0.356 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 0.241 χ^2 /NDF: 4.0/5

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.177+/-0.251 χ^2/NDF : 13536.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.678+/-0.232 χ^2/NDF : 15199.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

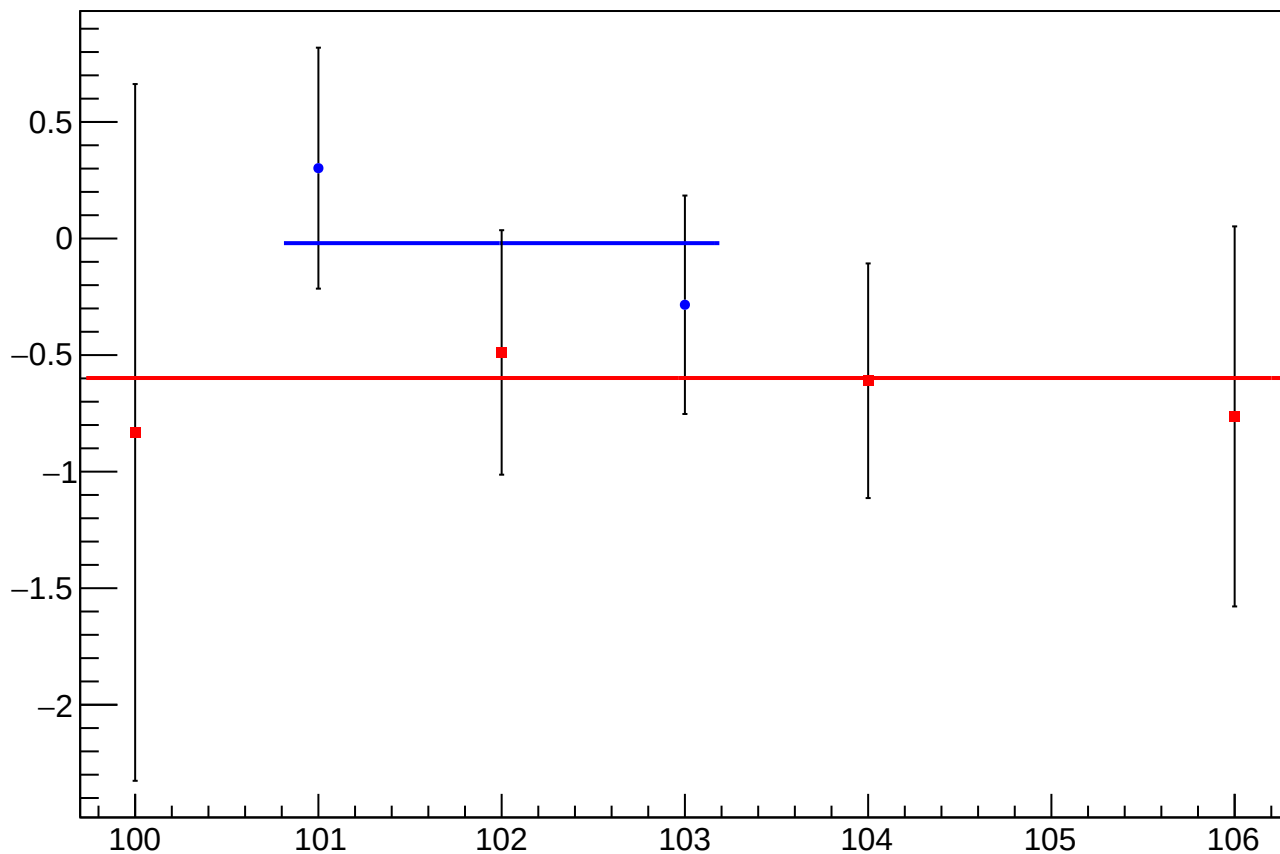
Right: 395.203+/-0.170 χ^2/NDF : 28994.5/5

In: 398.177+/-0.251 χ^2/NDF : 13536.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.203+/-0.170 χ^2/NDF : 28994.5/5

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 $\chi^2/\text{NDF}: 0.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.598 ± 0.324 $\chi^2/\text{NDF}: 0.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

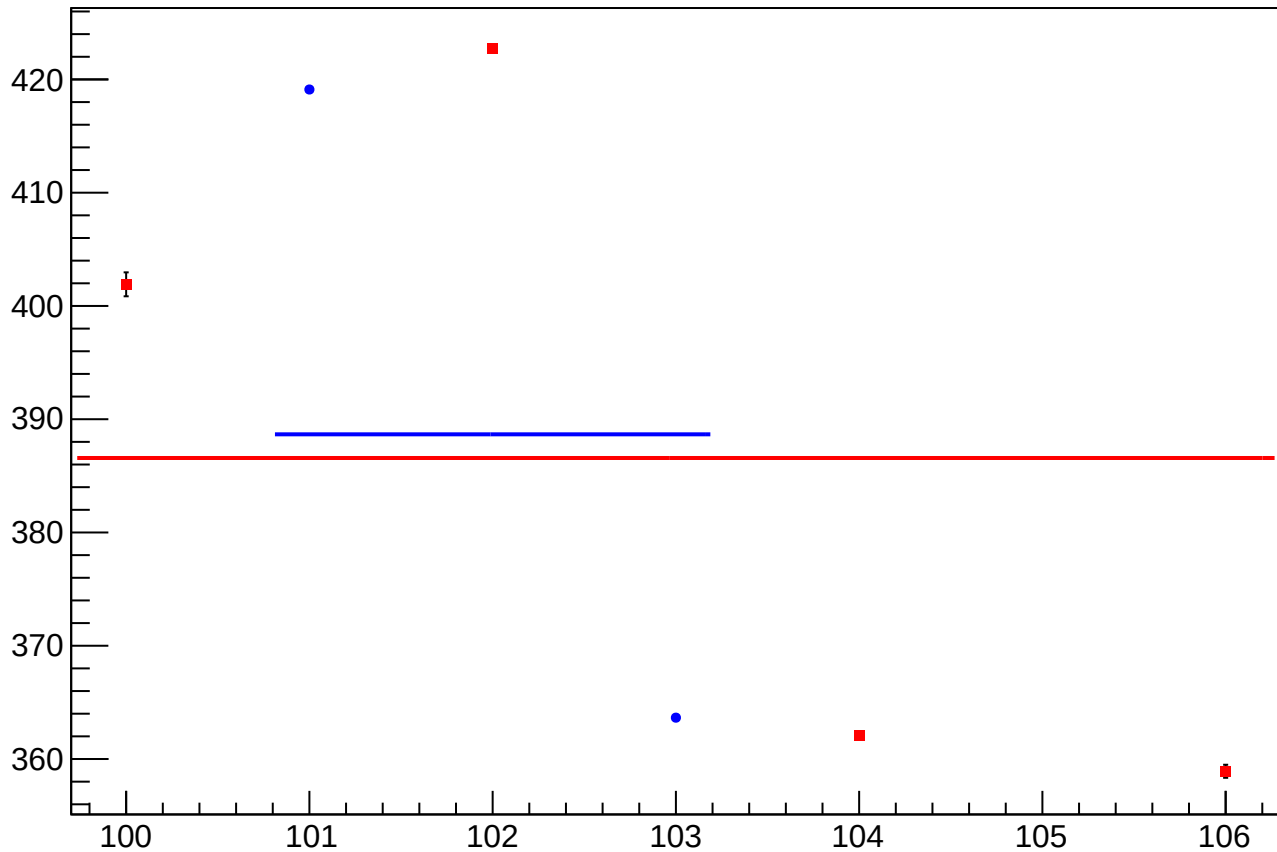
Right: -0.329 ± 0.237 $\chi^2/\text{NDF}: 2.3/5$

In: -0.020 ± 0.347 $\chi^2/\text{NDF}: 0.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.329 ± 0.237 $\chi^2/\text{NDF}: 2.3/5$

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 388.666 $\pm$ 0.245 χ^2 /NDF: 12641.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 386.577 $\pm$ 0.229 χ^2 /NDF: 16730.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

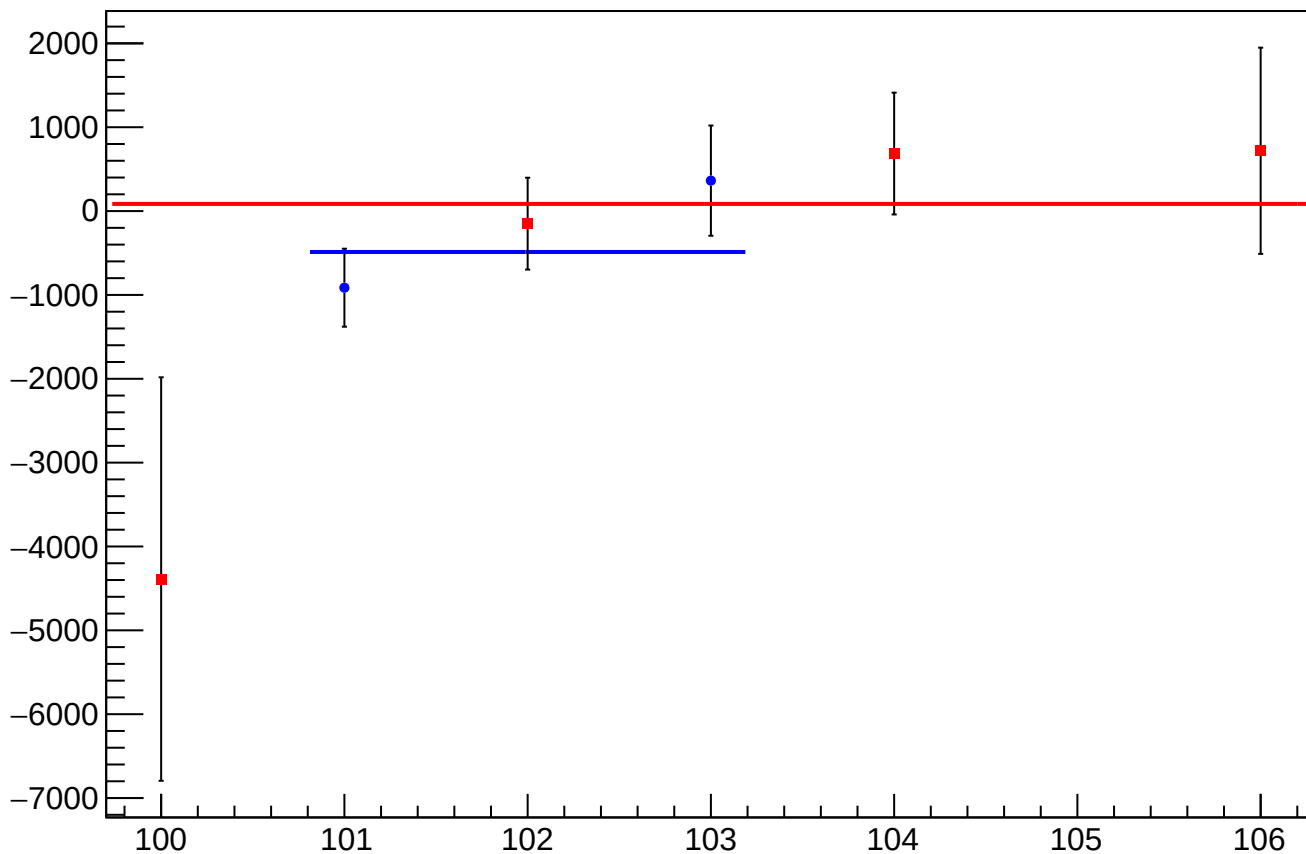
Right: 387.549 $\pm$ 0.167 χ^2 /NDF: 29410.7/5

In: 388.666 $\pm$ 0.245 χ^2 /NDF: 12641.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.549 $\pm$ 0.167 χ^2 /NDF: 29410.7/5

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -487.684+/-379.635 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.439+/-406.113 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

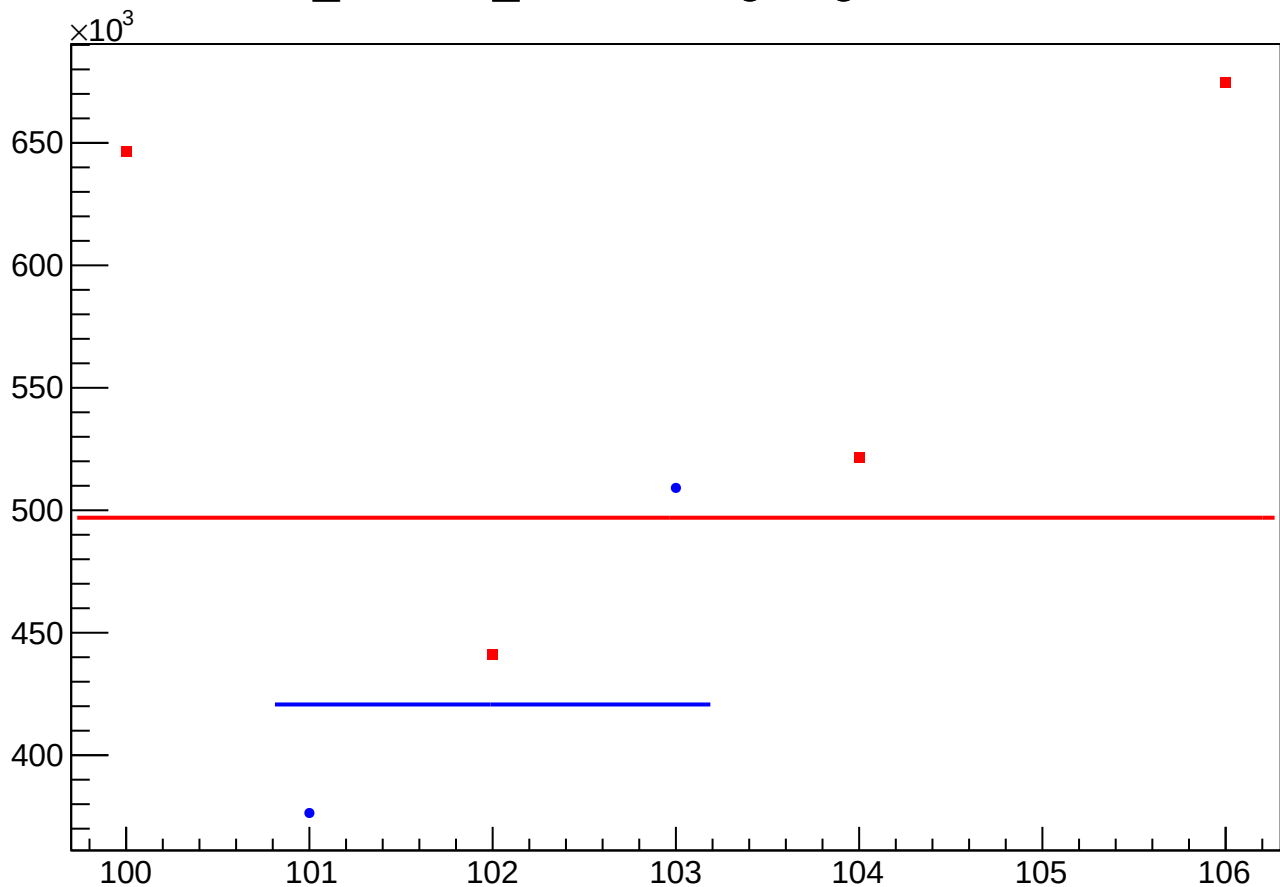
Right: -220.414+/-277.331 χ^2/NDF : 8.2/5

In: -487.684+/-379.635 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

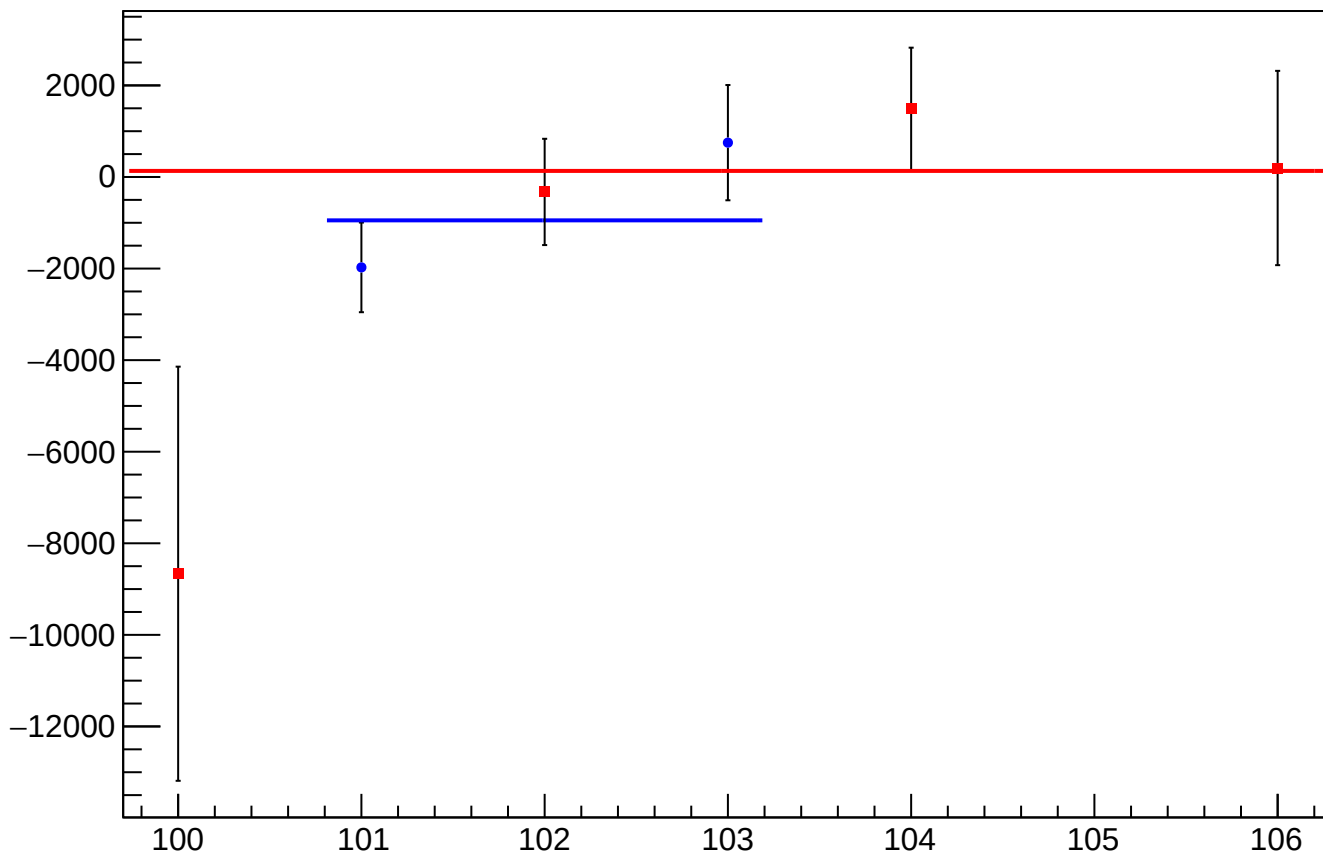
All: -220.414+/-277.331 χ^2/NDF : 8.2/5

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 420708.472+/-268.442 χ^2/NDF : 54368.1/1
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 456203.074+/-196.259 χ^2/NDF : 163214.0/5
 Right Out: 496960.645+/-287.656 χ^2/NDF : 71287.0/3
 In: 420708.472+/-268.442 χ^2/NDF : 54368.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 456203.074+/-196.259 χ^2/NDF : 163214.0/5

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -947.196+/-772.826 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.634+/-797.455 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

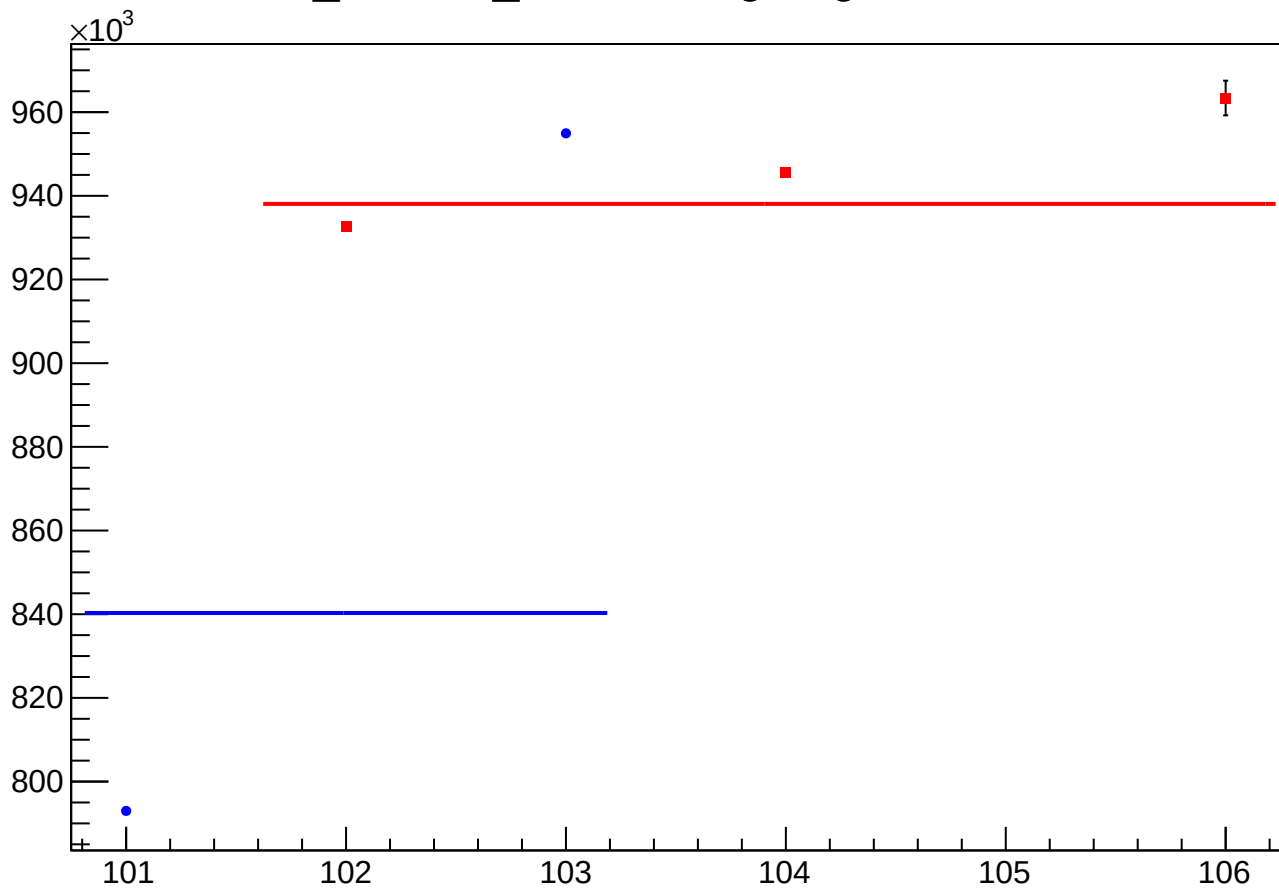
Right: -424.213+/-554.973 χ^2/NDF : 8.8/5

In: -947.196+/-772.826 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.213+/-554.973 χ^2/NDF : 8.8/5

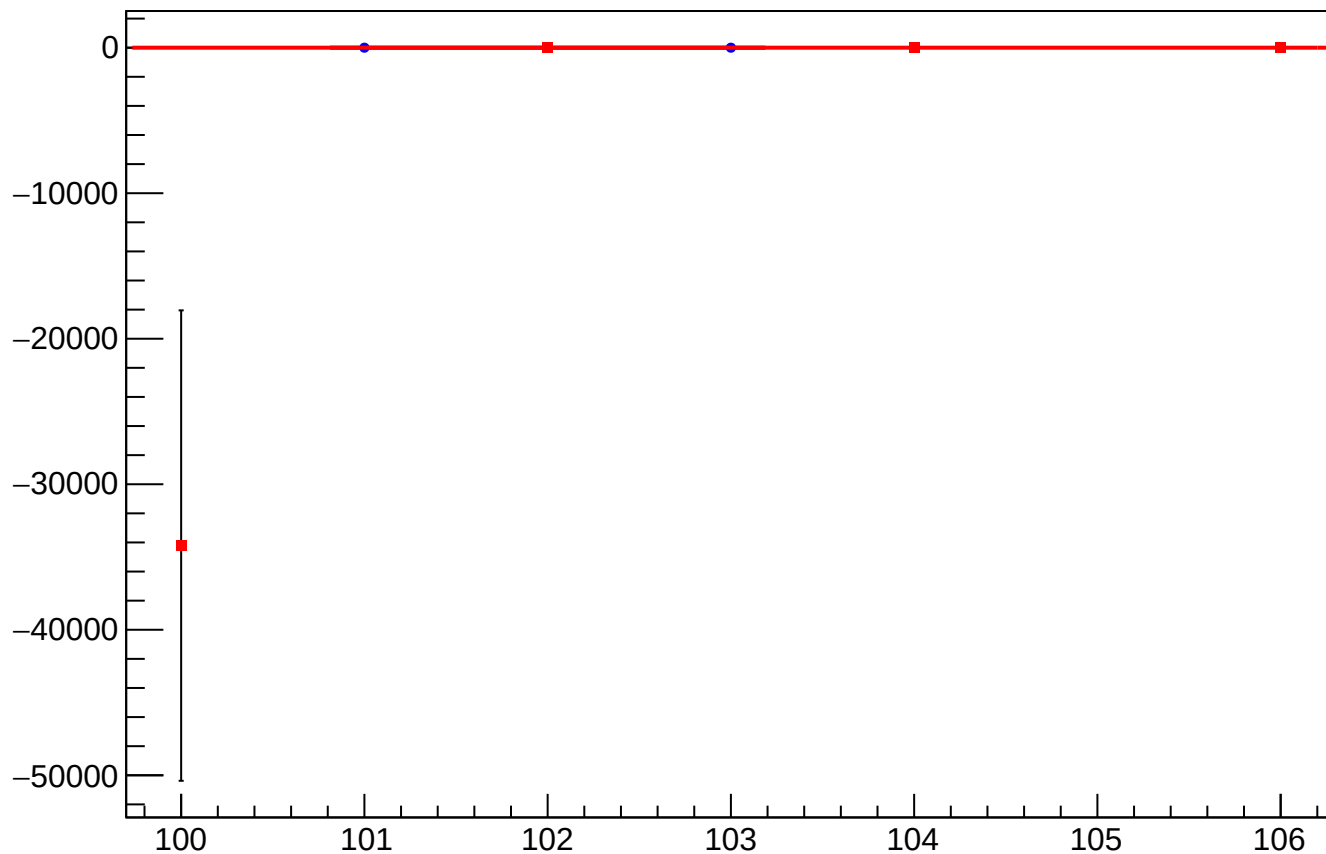
diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 840291.994+/-582.514 χ^2/NDF : 15982.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 938072.279+/-649.594 χ^2/NDF : 127.7/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 883874.400+/-433.682 χ^2/NDF : 28668.8/4
 In: 840291.994+/-582.514 χ^2/NDF : 15982.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 883874.400+/-433.682 χ^2/NDF : 28668.8

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.034 ± 0.172 χ^2/NDF : 0.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 4.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

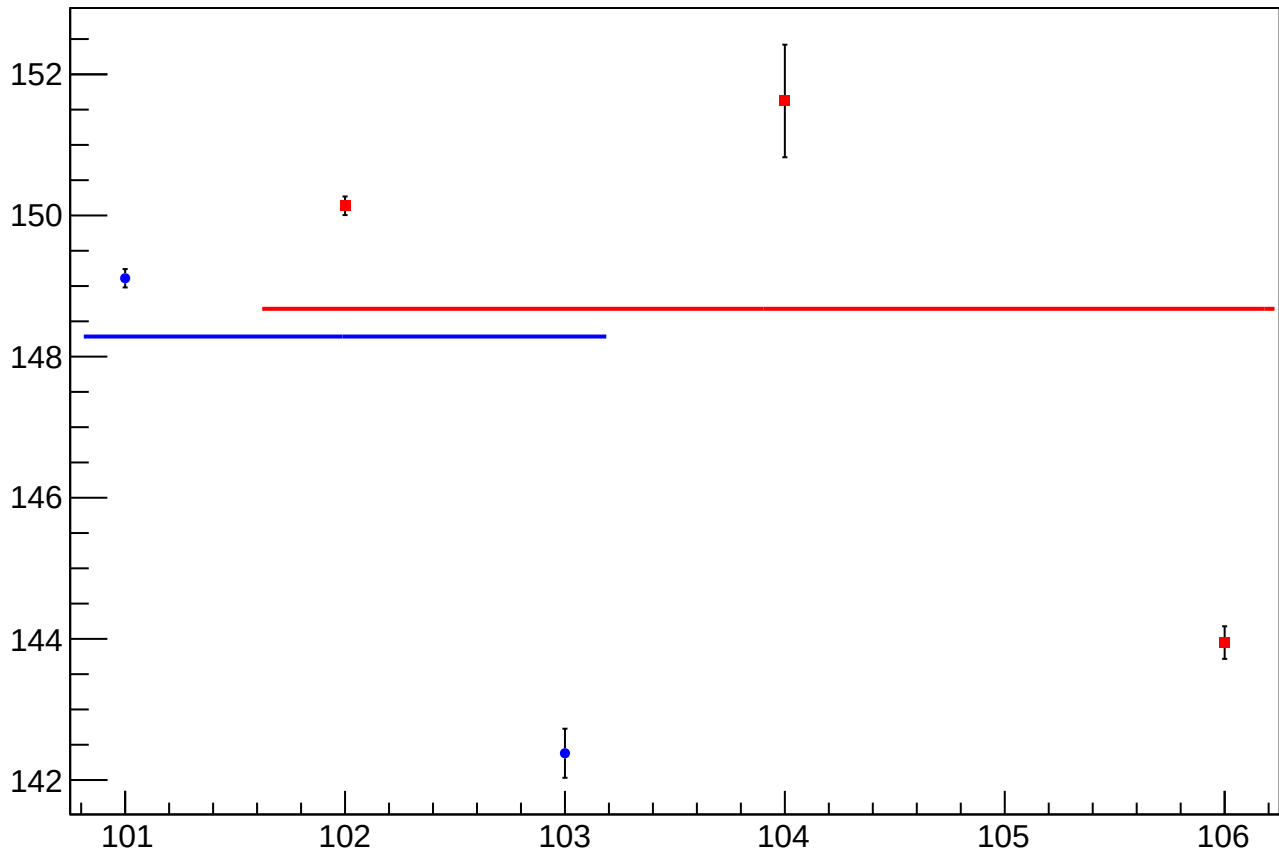
Right: 0.174 ± 0.117 χ^2/NDF : 8.2/5

In: -0.034 ± 0.172 χ^2/NDF : 0.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 8.2/5

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.285 $\pm$ 0.122 χ^2/NDF : 328.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 148.678 $\pm$ 0.113 χ^2/NDF : 556.4/2

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

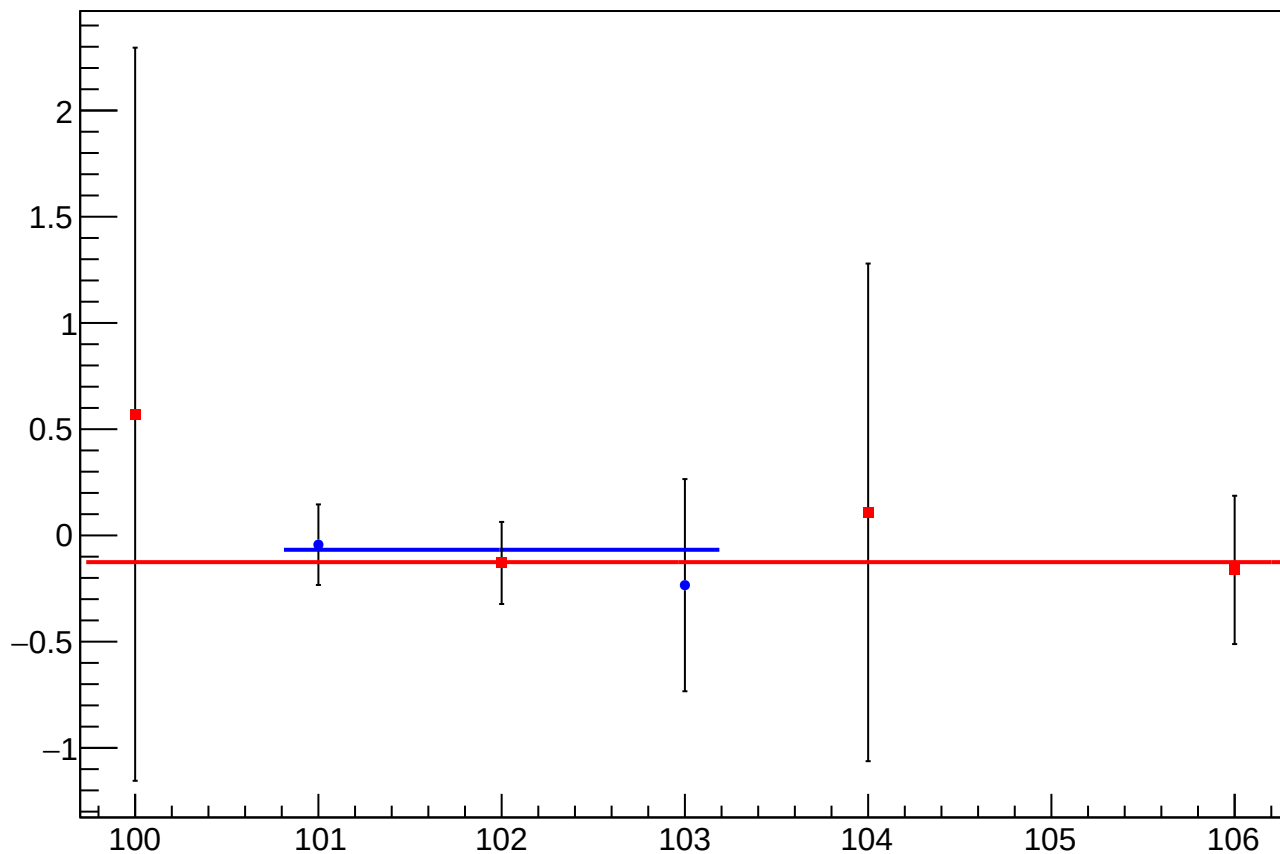
Right: 148.495 $\pm$ 0.083 χ^2/NDF : 890.7/4

In: 148.285 $\pm$ 0.122 χ^2/NDF : 328.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.495 $\pm$ 0.083 χ^2/NDF : 890.7/4

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 $\pm$ 0.177 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.126 $\pm$ 0.166 χ^2 /NDF: 0.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

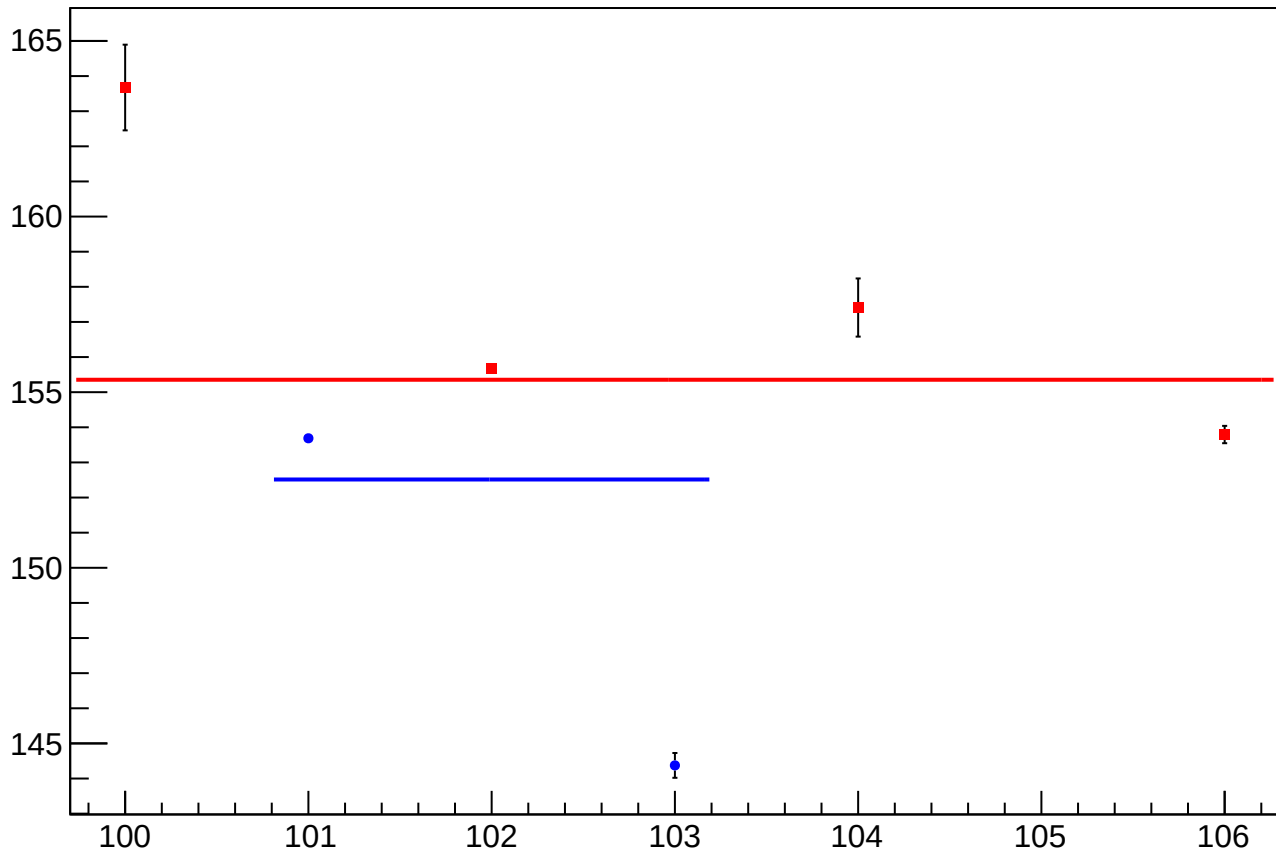
Right: -0.098 $\pm$ 0.121 χ^2 /NDF: 0.4/5

In: -0.068 $\pm$ 0.177 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.098 $\pm$ 0.121 χ^2 /NDF: 0.4/5

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.514 $\pm$ 0.125 χ^2 /NDF: 608.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.354 $\pm$ 0.118 χ^2 /NDF: 98.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

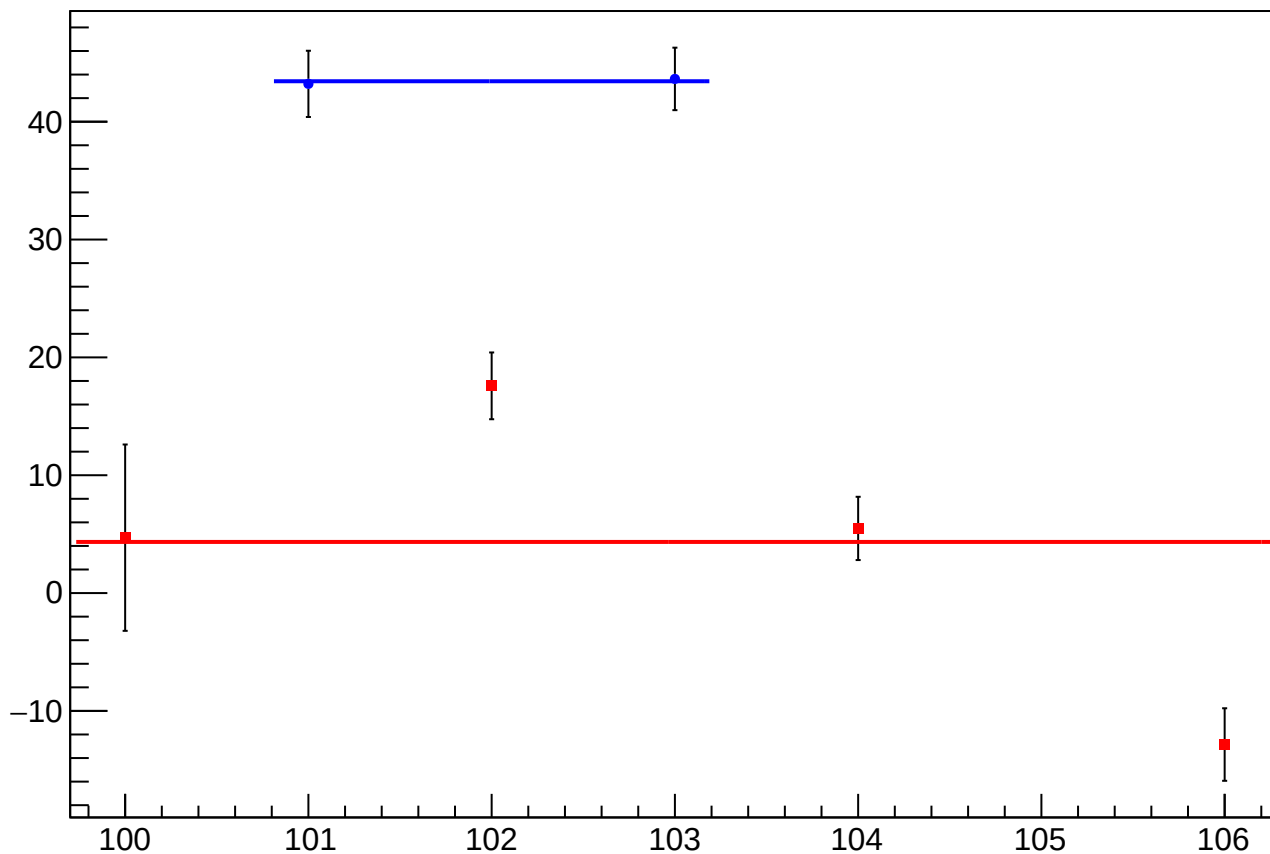
Right: 154.023 $\pm$ 0.086 χ^2 /NDF: 978.9/5

In: 152.514 $\pm$ 0.125 χ^2 /NDF:608.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.023 $\pm$ 0.086 χ^2 /NDF: 978.9/5

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 43.433+/-1.929 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.340+/-1.612 χ^2/NDF : 53.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

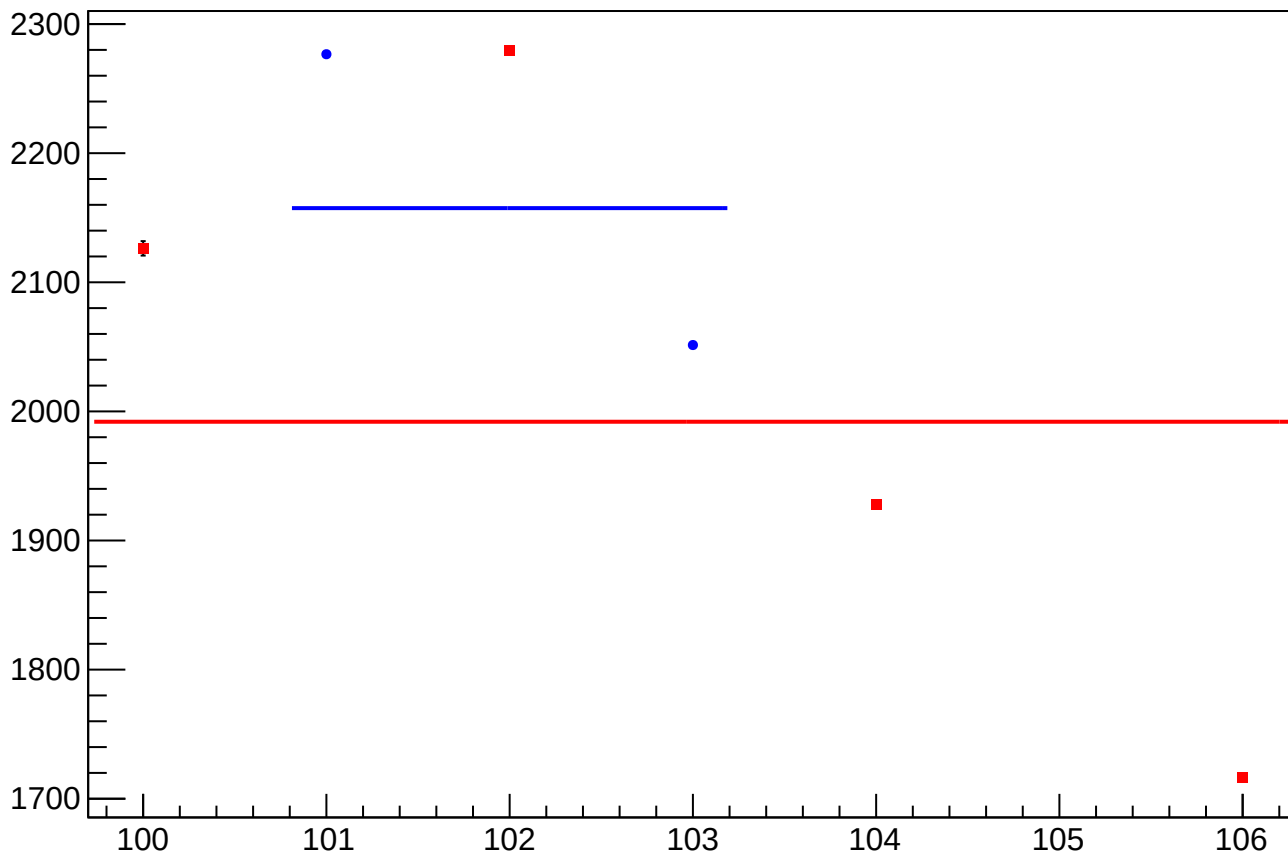
Right: 20.416+/-1.237 χ^2/NDF : 295.2/5

In: 43.433+/-1.929 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.416+/-1.237 χ^2/NDF : 295.2/5

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2157.445 $\pm$ 1.364 χ^2 /NDF: 6796.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1991.992 $\pm$ 1.140 χ^2 /NDF: 38414.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

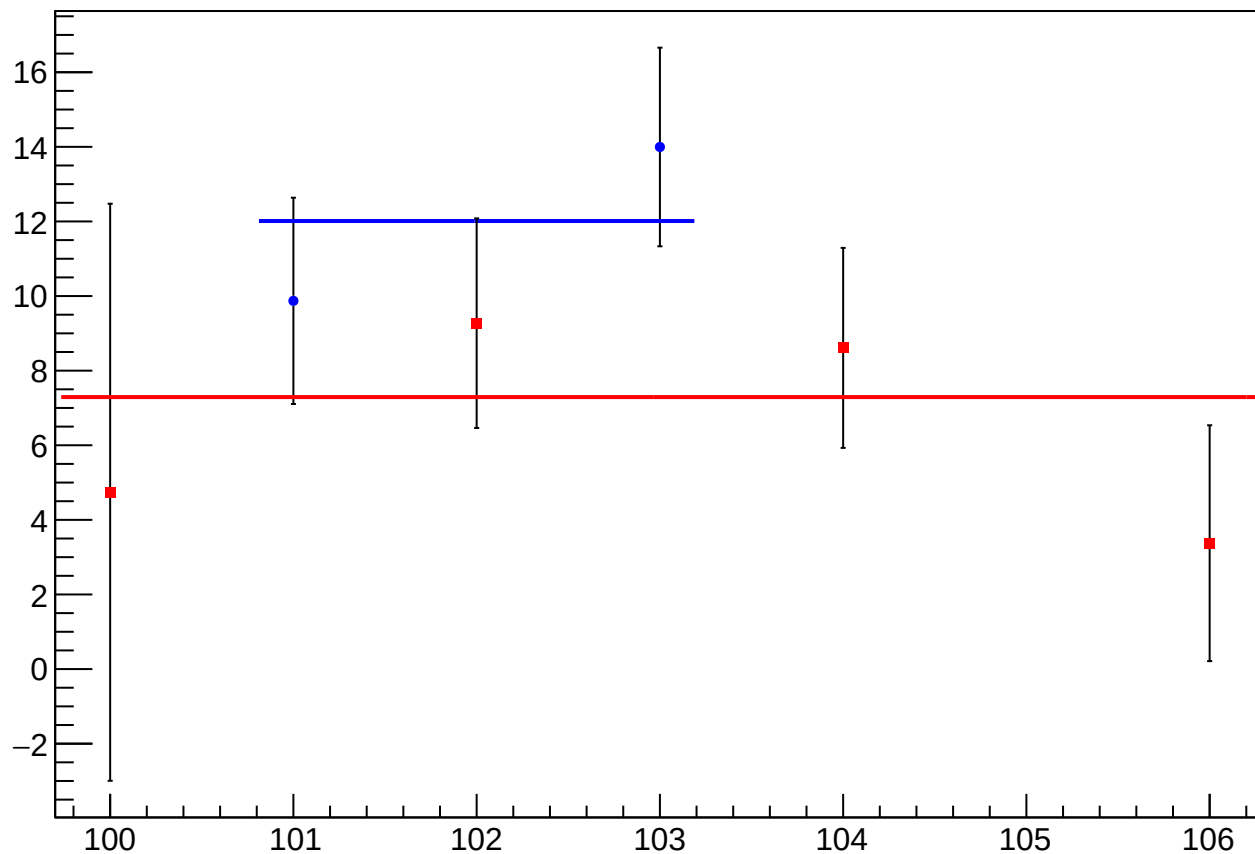
Right: 2060.030 $\pm$ 0.875 χ^2 /NDF: 53877.7/5

In: 2157.445 $\pm$ 1.364 χ^2 /NDF: 6796.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2060.030 $\pm$ 0.875 χ^2 /NDF: 53877.7/5

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 12.011 $\pm$ 1.918 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.291 $\pm$ 1.617 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

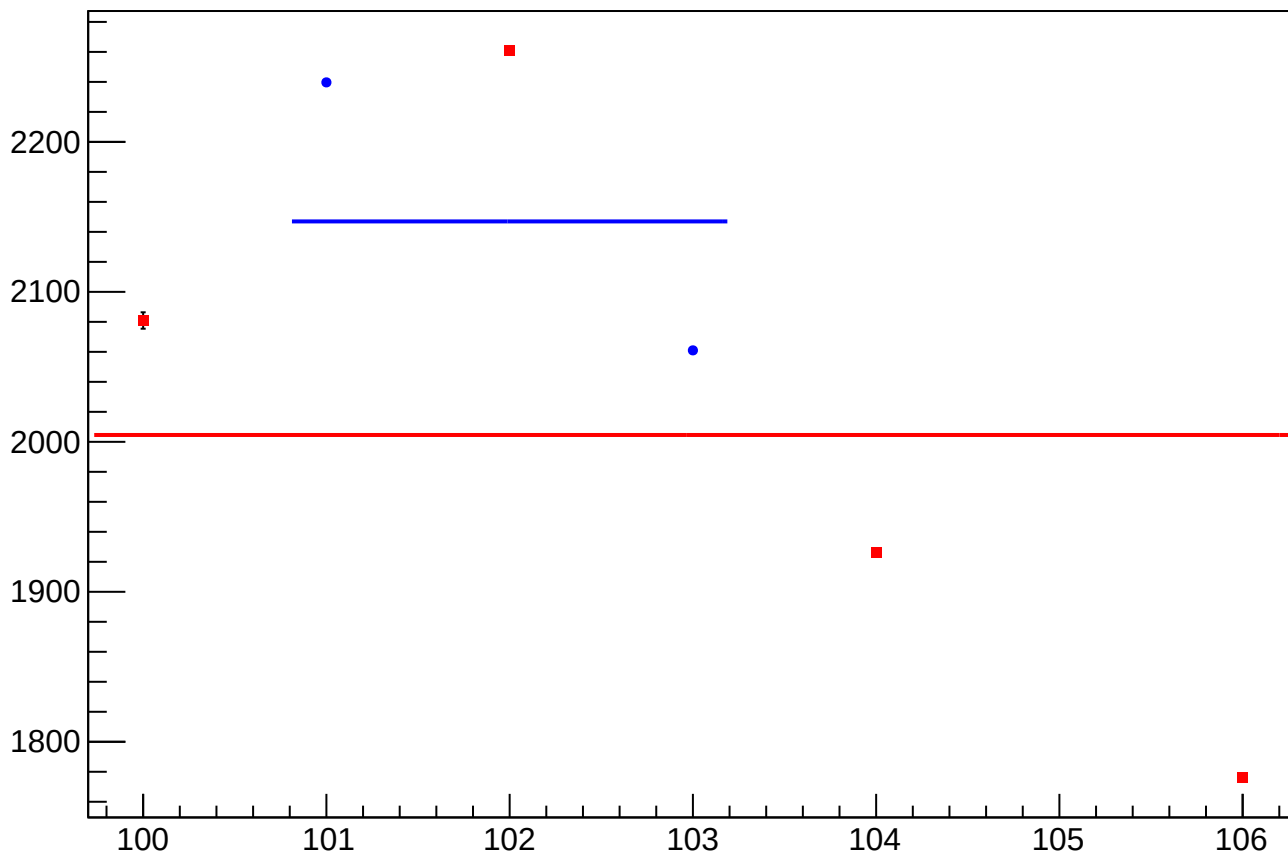
Right: 9.252 $\pm$ 1.236 χ^2 /NDF: 7.1/5

In: 12.011 $\pm$ 1.918 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.252 $\pm$ 1.236 χ^2 /NDF: 7.1/5

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2146.972+/-1.356 χ^2/NDF : 4334.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2004.573+/-1.143 χ^2/NDF : 28982.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

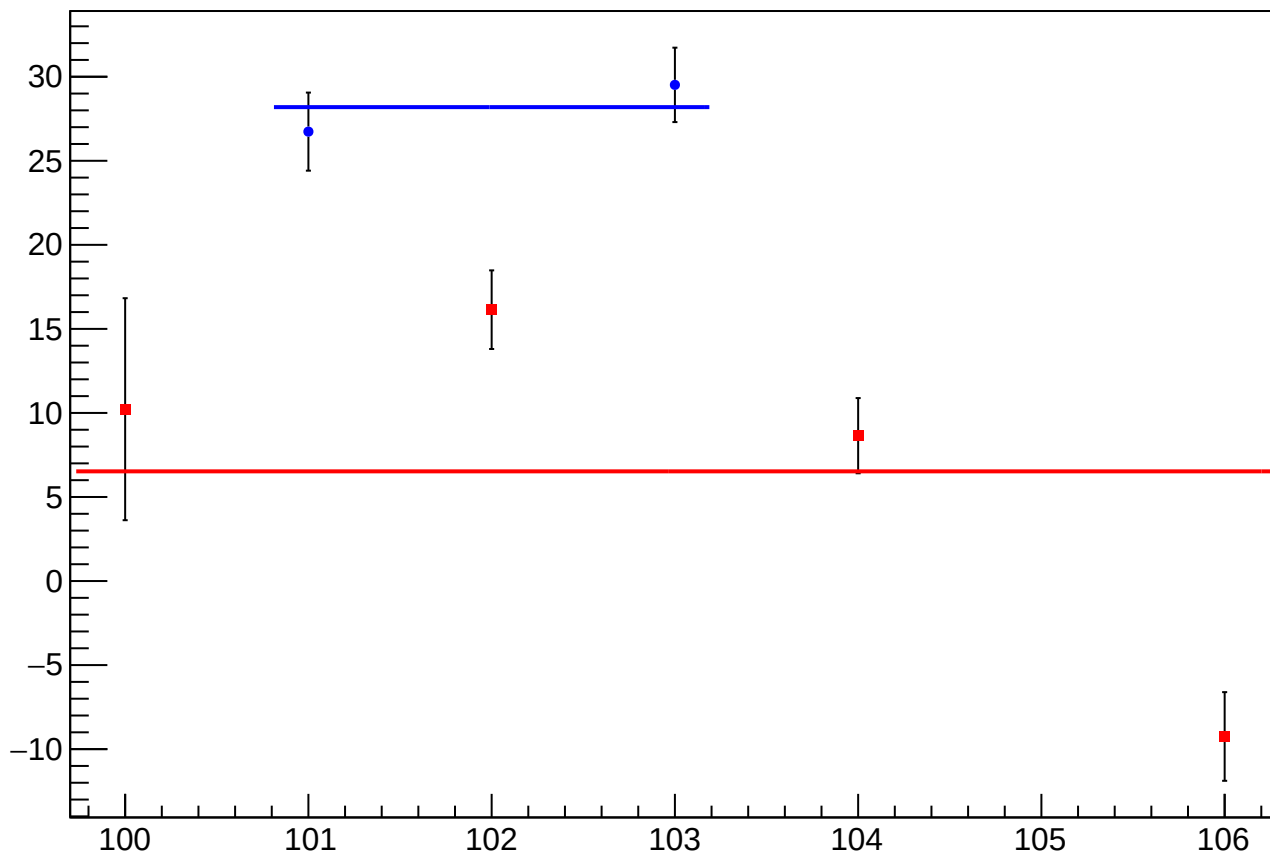
Right: 2063.727+/-0.874 χ^2/NDF : 39763.5/5

In: 2146.972+/-1.356 χ^2/NDF : 4334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2063.727+/-0.874 χ^2/NDF : 39763.5/5

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 28.193+/-1.602 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.525+/-1.349 χ^2/NDF : 53.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

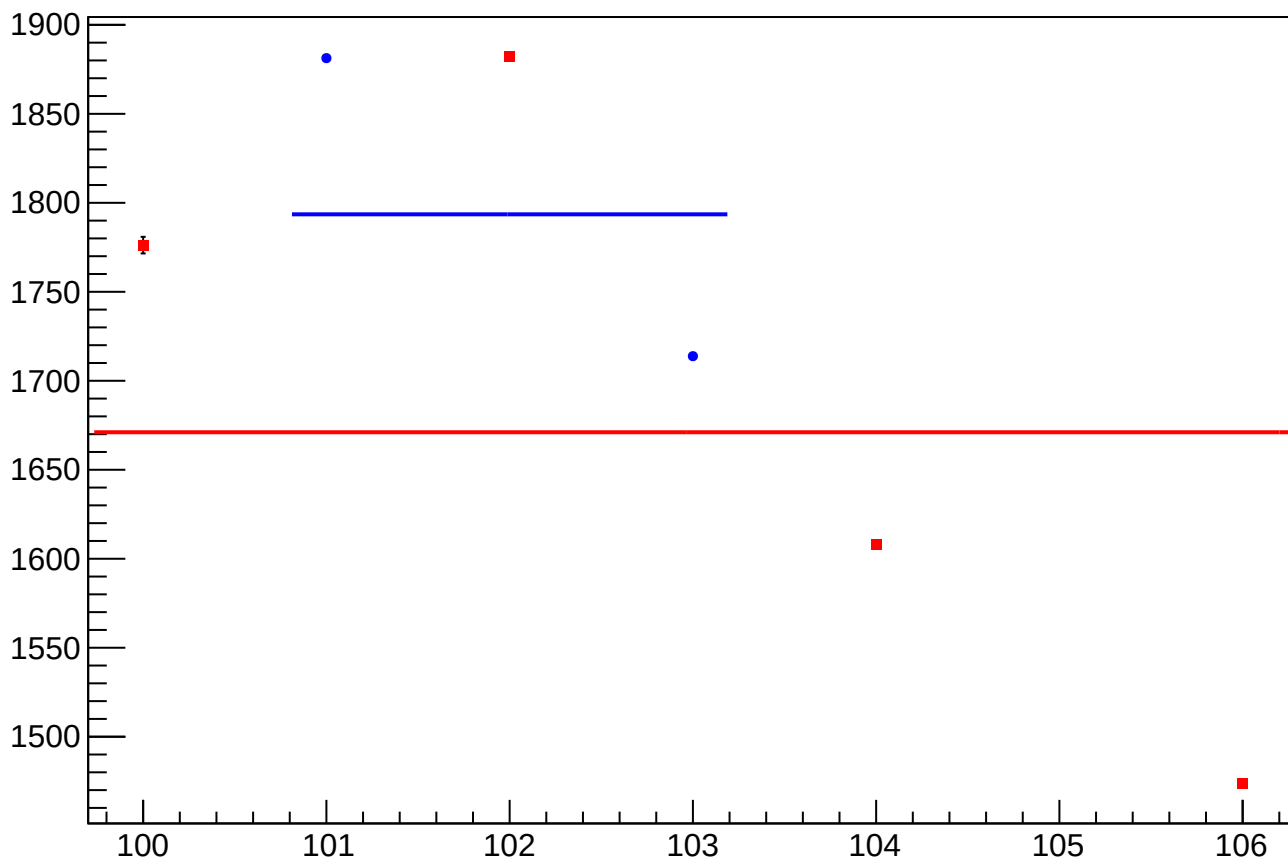
Right: 15.515+/-1.032 χ^2/NDF : 161.7/5

In: 28.193+/-1.602 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.515+/-1.032 χ^2/NDF : 161.7/5

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1793.537+/-1.133 χ^2/NDF : 5450.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1671.085+/-0.954 χ^2/NDF : 29598.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

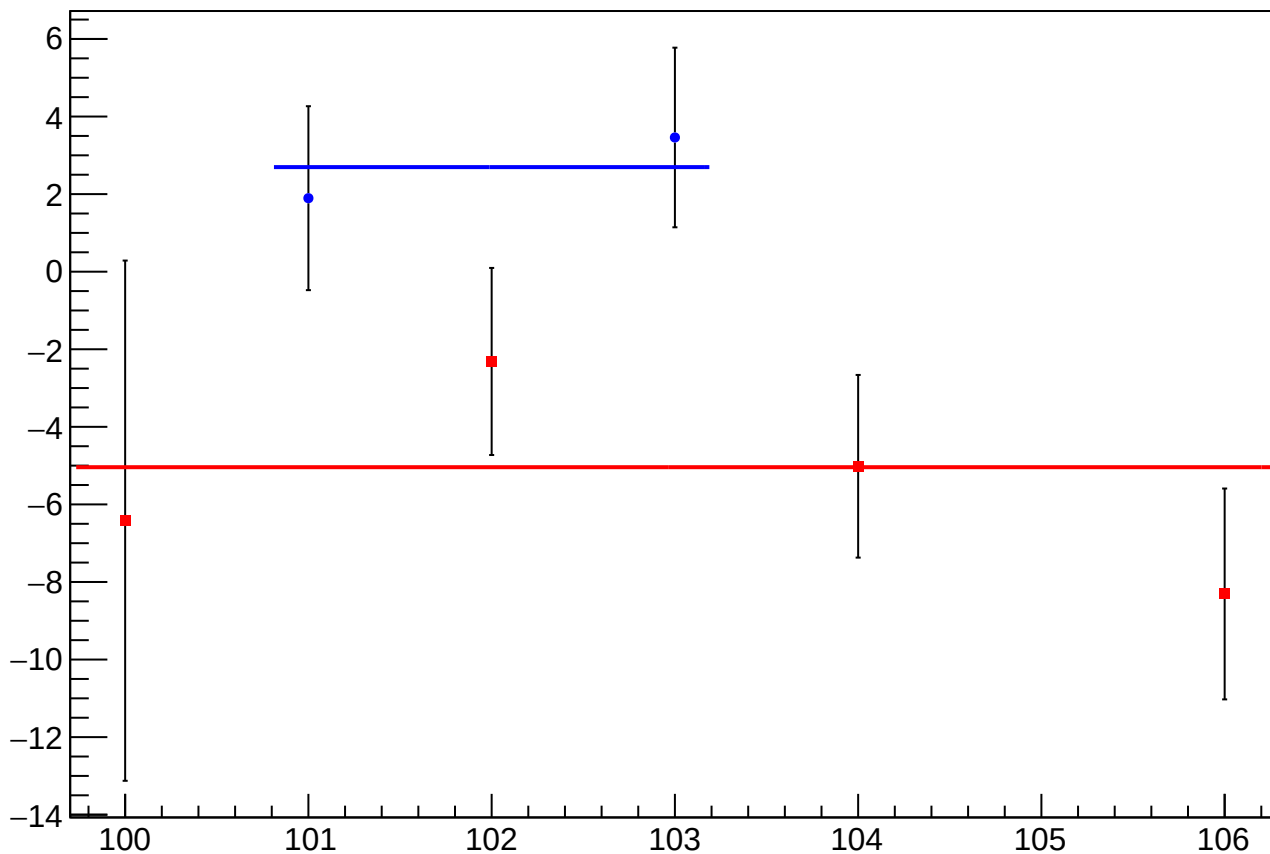
Right: 1721.890+/-0.730 χ^2/NDF : 41883.7/5

In: 1793.537+/-1.133 χ^2/NDF : 5450.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.890+/-0.730 χ^2/NDF : 41883.7/5

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 2.696+/-1.657 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.041+/-1.401 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

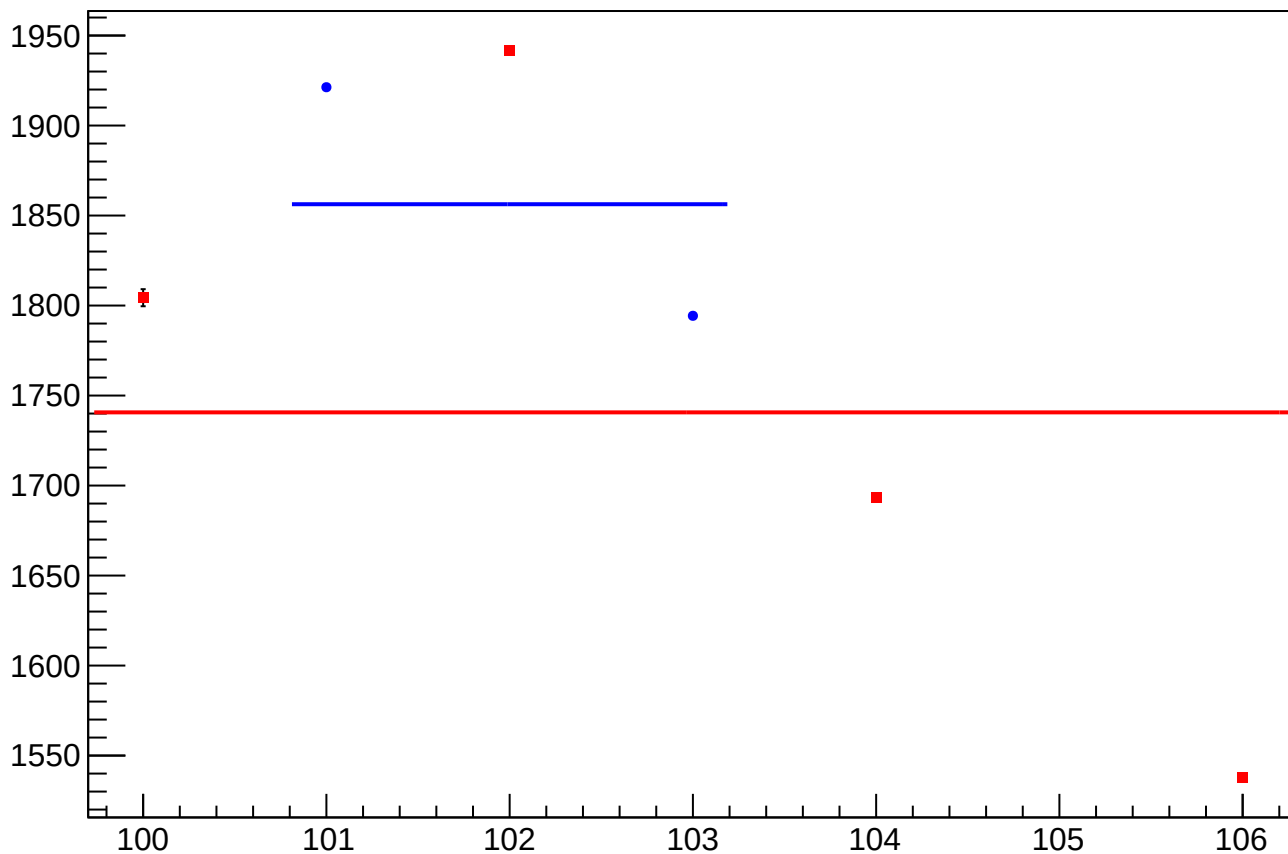
Right: -1.816+/-1.070 χ^2/NDF : 15.7/5

In: 2.696+/-1.657 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.816+/-1.070 χ^2/NDF : 15.7/5

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1856.289 $\pm$ 1.171 χ^2 /NDF: 2935.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1740.657 $\pm$ 0.990 χ^2 /NDF: 25989.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

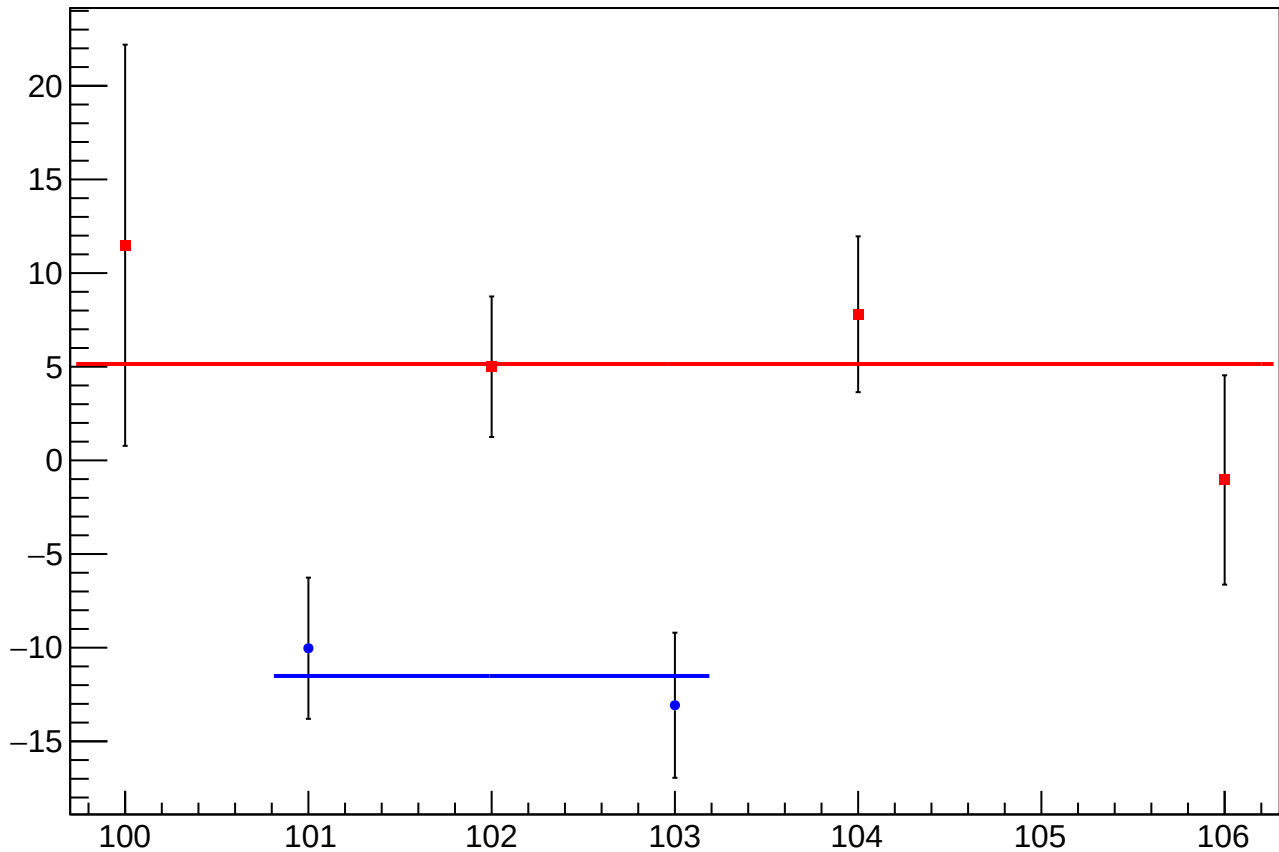
Right: 1788.854 $\pm$ 0.756 χ^2 /NDF: 34608.3/5

In: 1856.289 $\pm$ 1.171 χ^2 /NDF:2935.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1788.854 $\pm$ 0.756 χ^2 /NDF: 34608.3/5

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -11.510 ± 2.702 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.147 ± 2.428 χ^2/NDF : 2.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

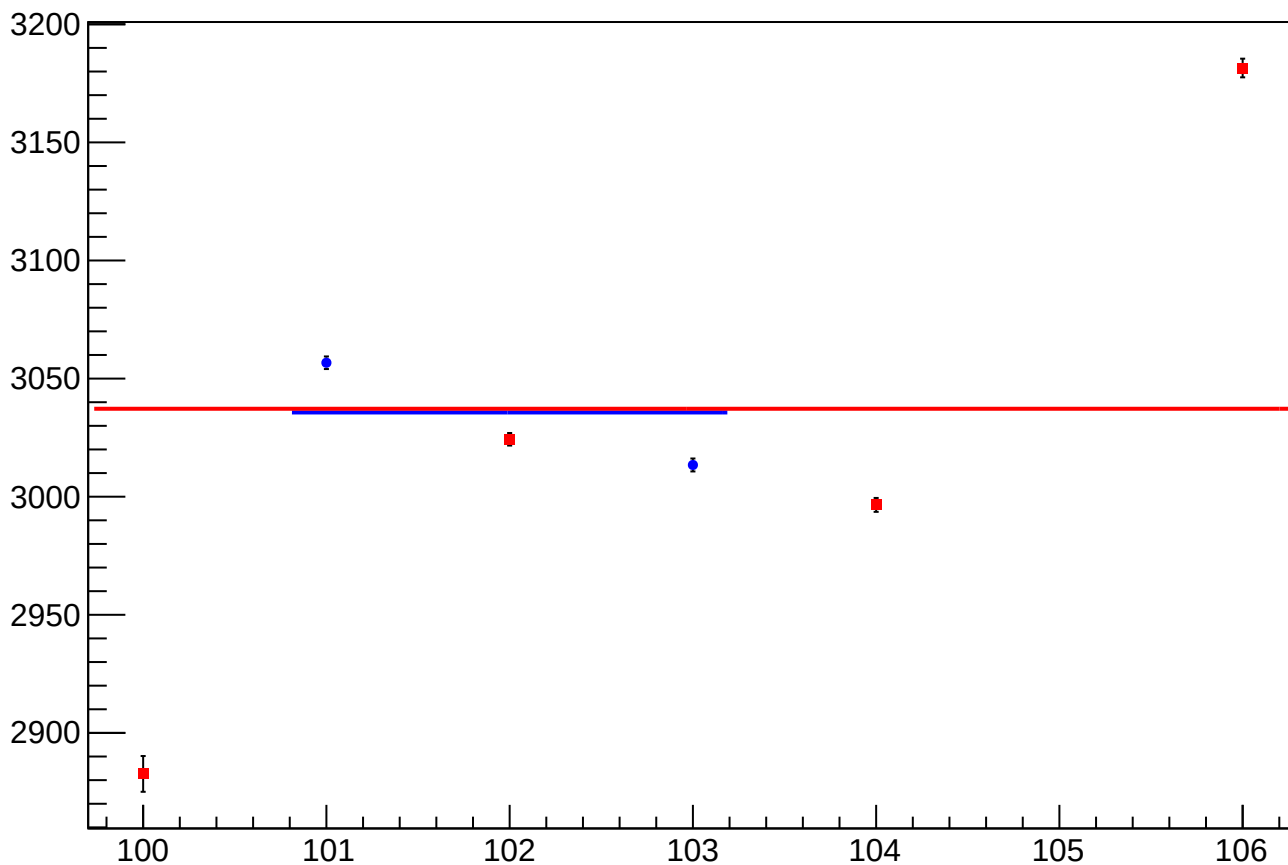
Right: -2.297 ± 1.806 χ^2/NDF : 23.3/5

In: -11.510 ± 2.702 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.297 ± 1.806 χ^2/NDF : 23.3/5

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3035.659+/-1.910 χ^2/NDF : 128.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3037.229+/-1.717 χ^2/NDF : 1964.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

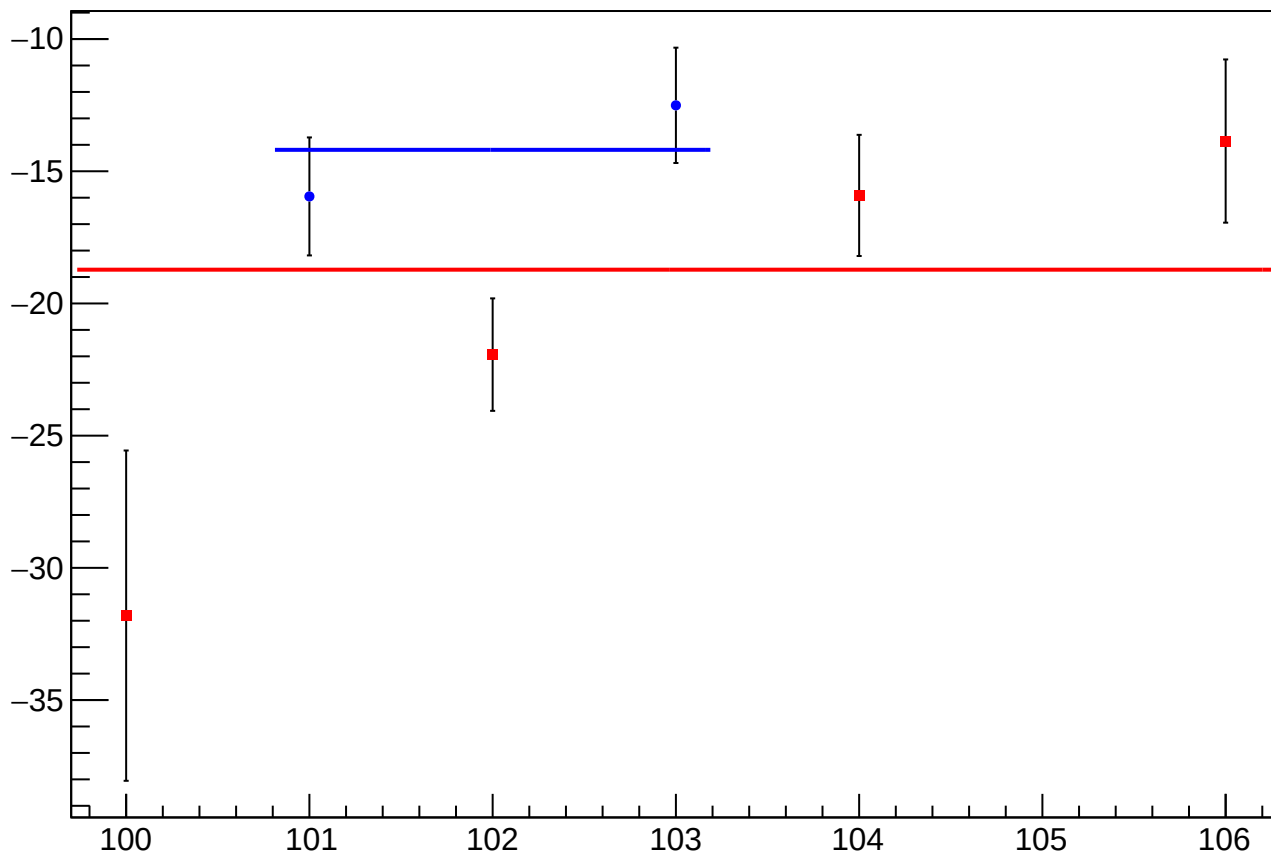
Right: 3036.528+/-1.277 χ^2/NDF : 2093.2/5

In: 3035.659+/-1.910 χ^2/NDF : 128.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3036.528+/-1.277 χ^2/NDF : 2093.2/5

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -14.190 $\pm$ 1.560 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.722 $\pm$ 1.358 χ^2 /NDF: 10.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

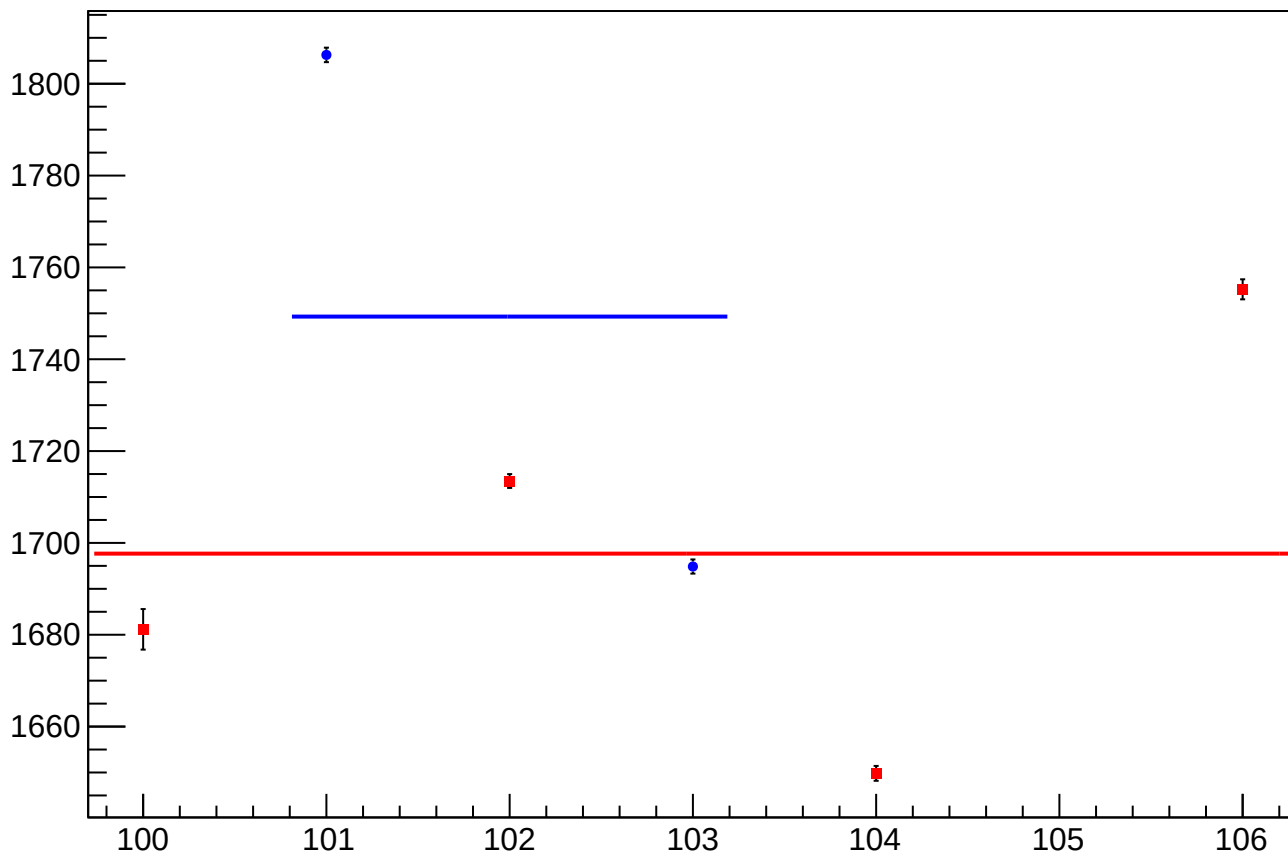
Right: -16.768 $\pm$ 1.024 χ^2 /NDF: 16.7/5

In: -14.190 $\pm$ 1.560 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.768 $\pm$ 1.024 χ^2 /NDF: 16.7/5

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1749.292+/-1.103 χ^2/NDF : 2550.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1697.666+/-0.960 χ^2/NDF : 1692.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

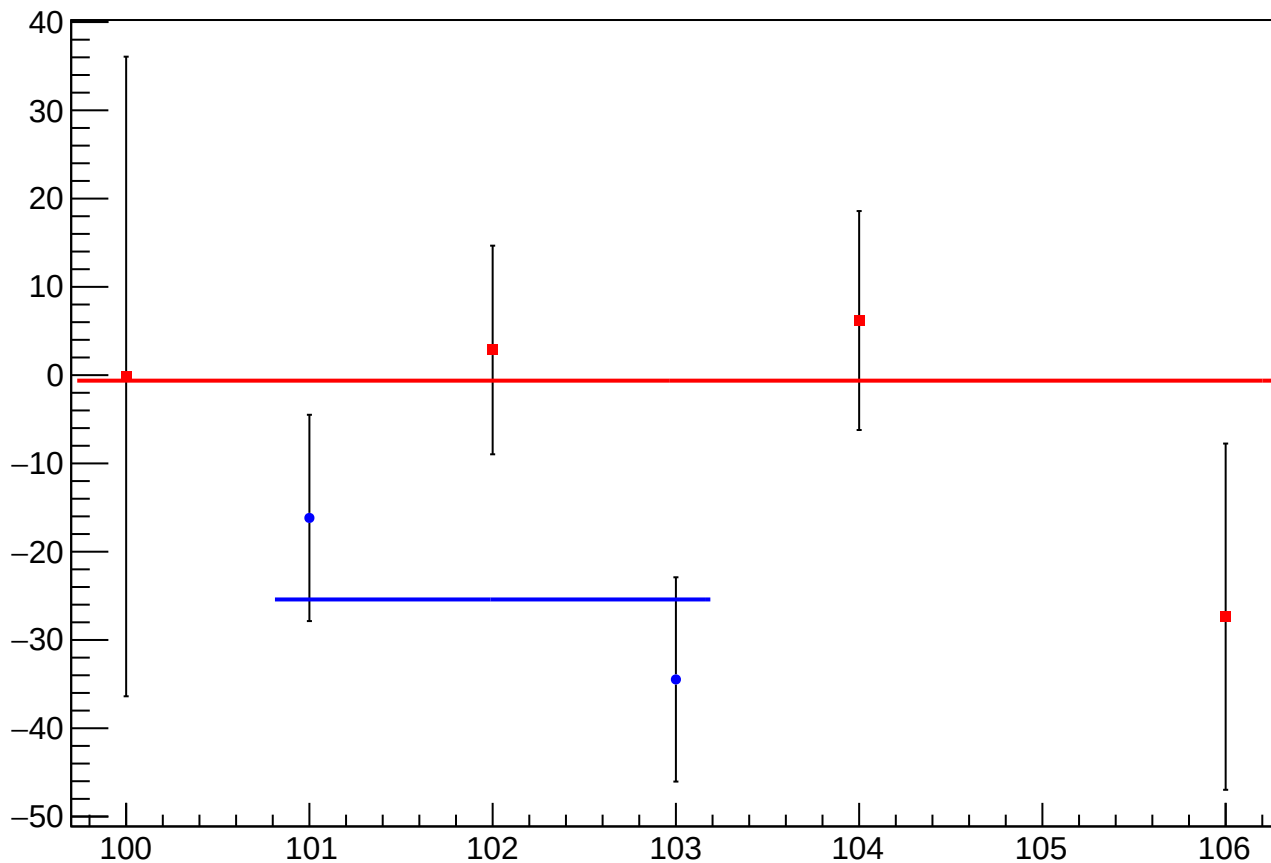
Right: 1719.931+/-0.724 χ^2/NDF : 5489.2/5

In: 1749.292+/-1.103 χ^2/NDF : 2550.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1719.931+/-0.724 χ^2/NDF : 5489.2/5

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -25.411+/-8.222 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.624+/-7.664 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

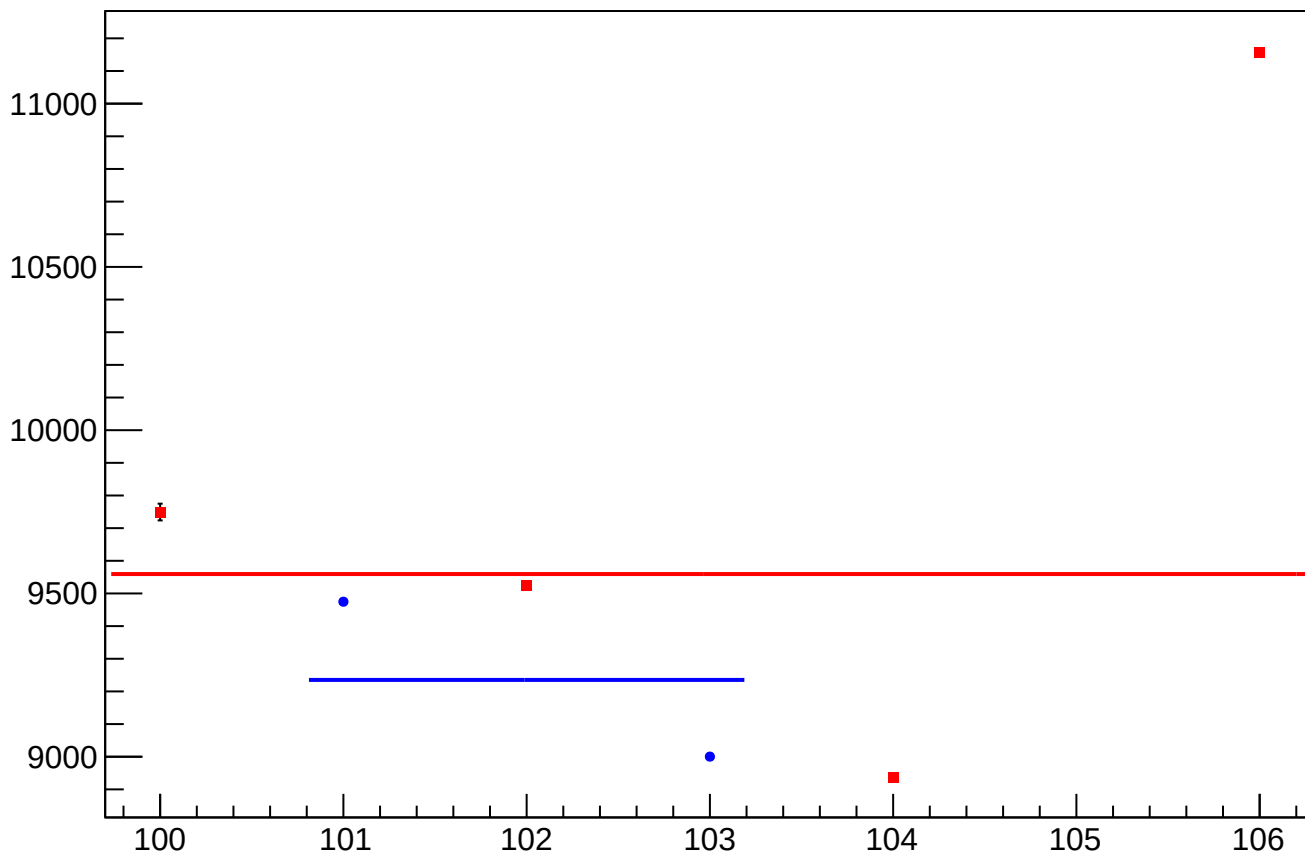
Right: -12.148+/-5.606 χ^2/NDF : 8.3/5

In: -25.411+/-8.222 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.148+/-5.606 χ^2/NDF : 8.3/5

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9235.216+/-5.814 χ^2/NDF : 1664.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9559.401+/-5.419 χ^2/NDF : 18422.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

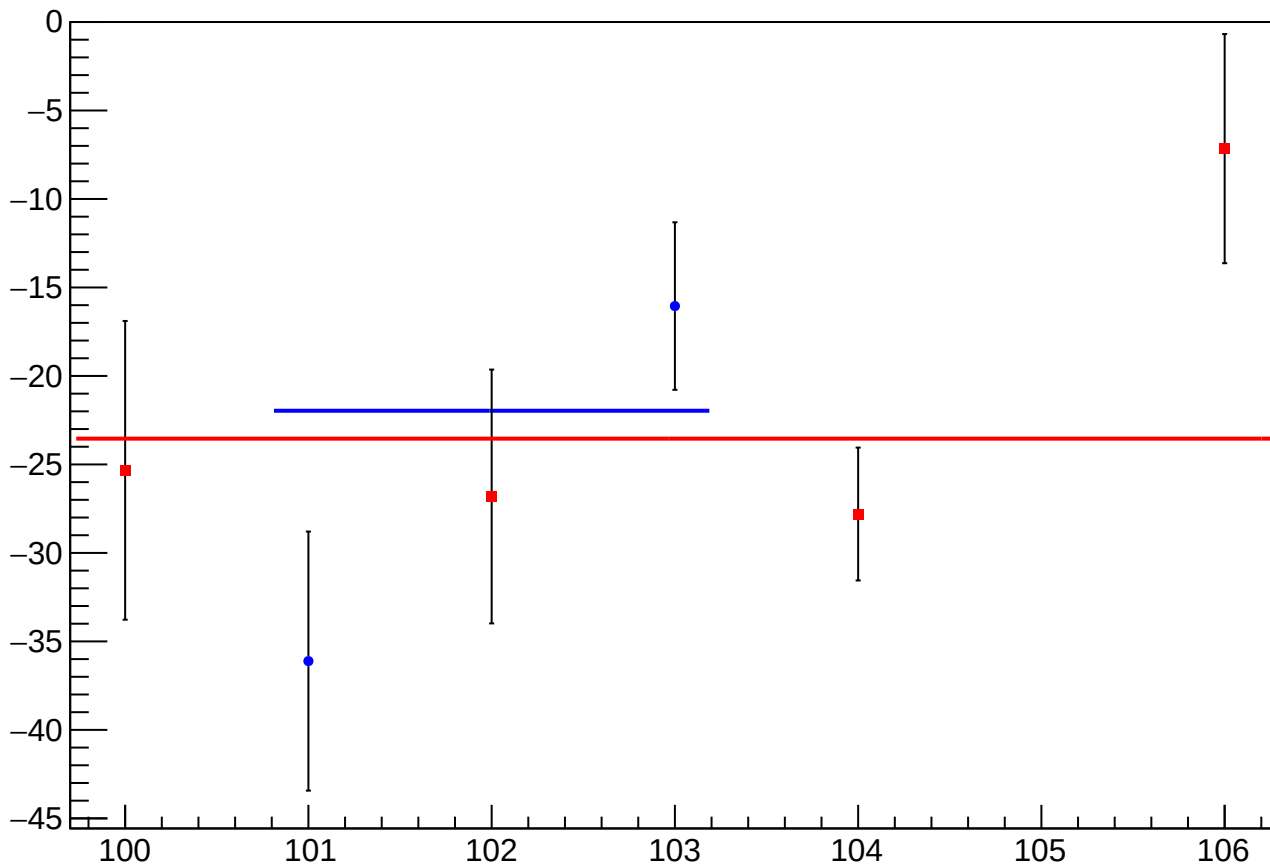
Right: 9408.679+/-3.964 χ^2/NDF : 21751.3/5

In: 9235.216+/-5.814 χ^2/NDF : 1664.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9408.679+/-3.964 χ^2/NDF : 21751.3/5

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -21.966 $\pm$ 3.975 χ^2 /NDF: 5.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.542 $\pm$ 2.792 χ^2 /NDF: 7.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

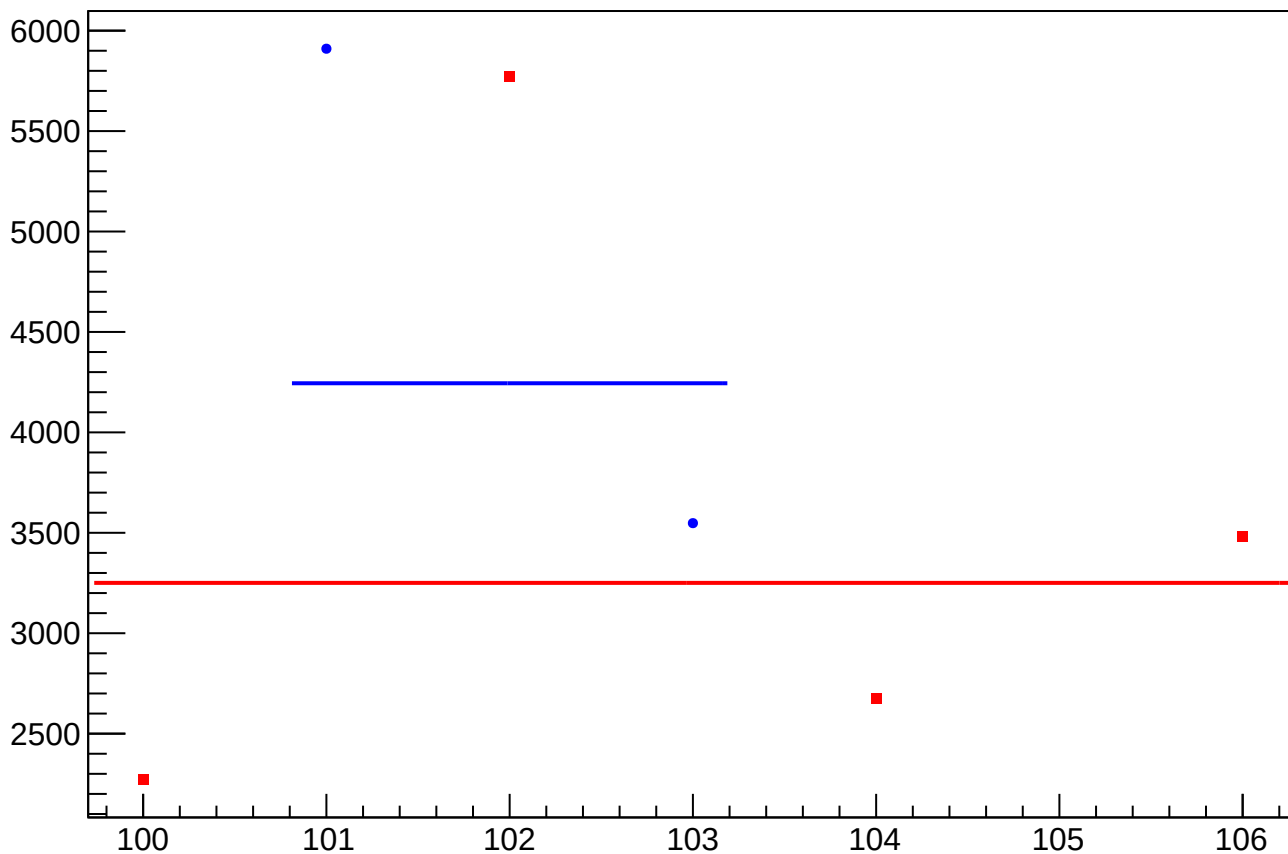
Right: -23.021 $\pm$ 2.285 χ^2 /NDF: 13.3/5

In: -21.966 $\pm$ 3.975 χ^2 /NDF:5.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.021 $\pm$ 2.285 χ^2 /NDF: 13.3/5

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 4244.508+/-2.810 χ^2/NDF : 146860.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3250.662+/-1.974 χ^2/NDF : 322827.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

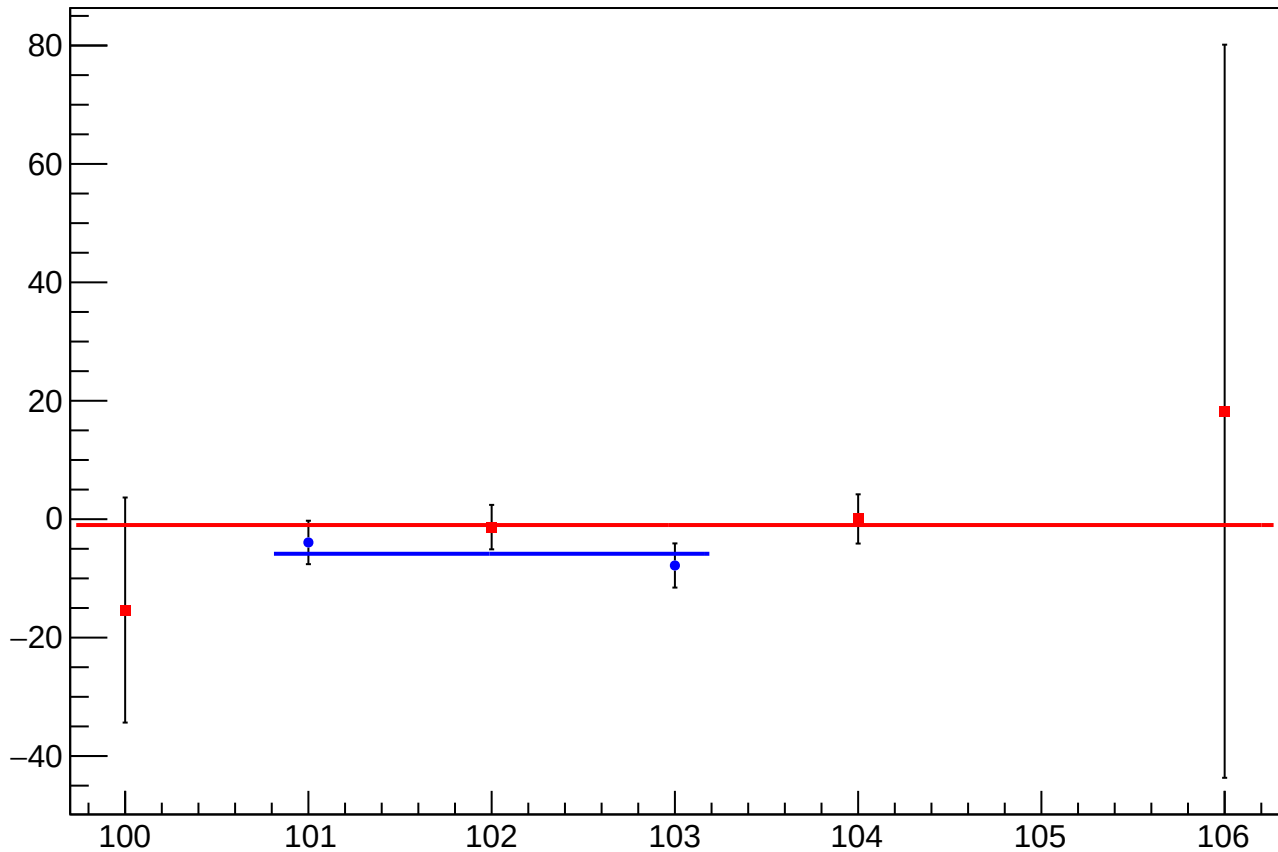
Right: 3579.043+/-1.616 χ^2/NDF : 553417.2/5

In: 4244.508+/-2.810 χ^2/NDF : 146860.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3579.043+/-1.616 χ^2/NDF : 553417.2/5

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.841 $\pm$ 2.616 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.987 $\pm$ 2.754 χ^2 /NDF: 0.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

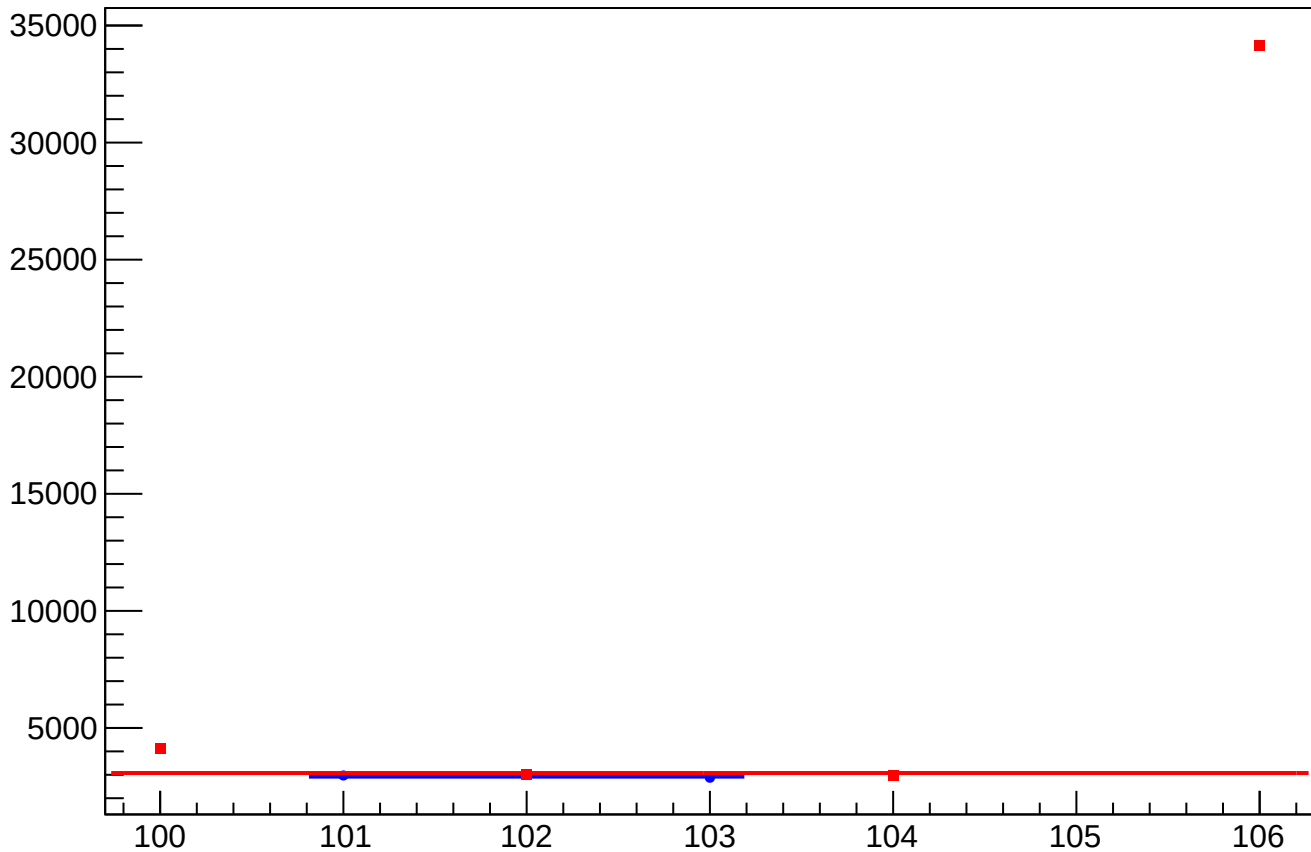
Right: -3.539 $\pm$ 1.896 χ^2 /NDF: 2.9/5

In: -5.841 $\pm$ 2.616 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.539 $\pm$ 1.896 χ^2 /NDF: 2.9/5

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 2923.473+/-1.849 χ^2/NDF : 675.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3075.948+/-1.947 χ^2/NDF : 511586.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

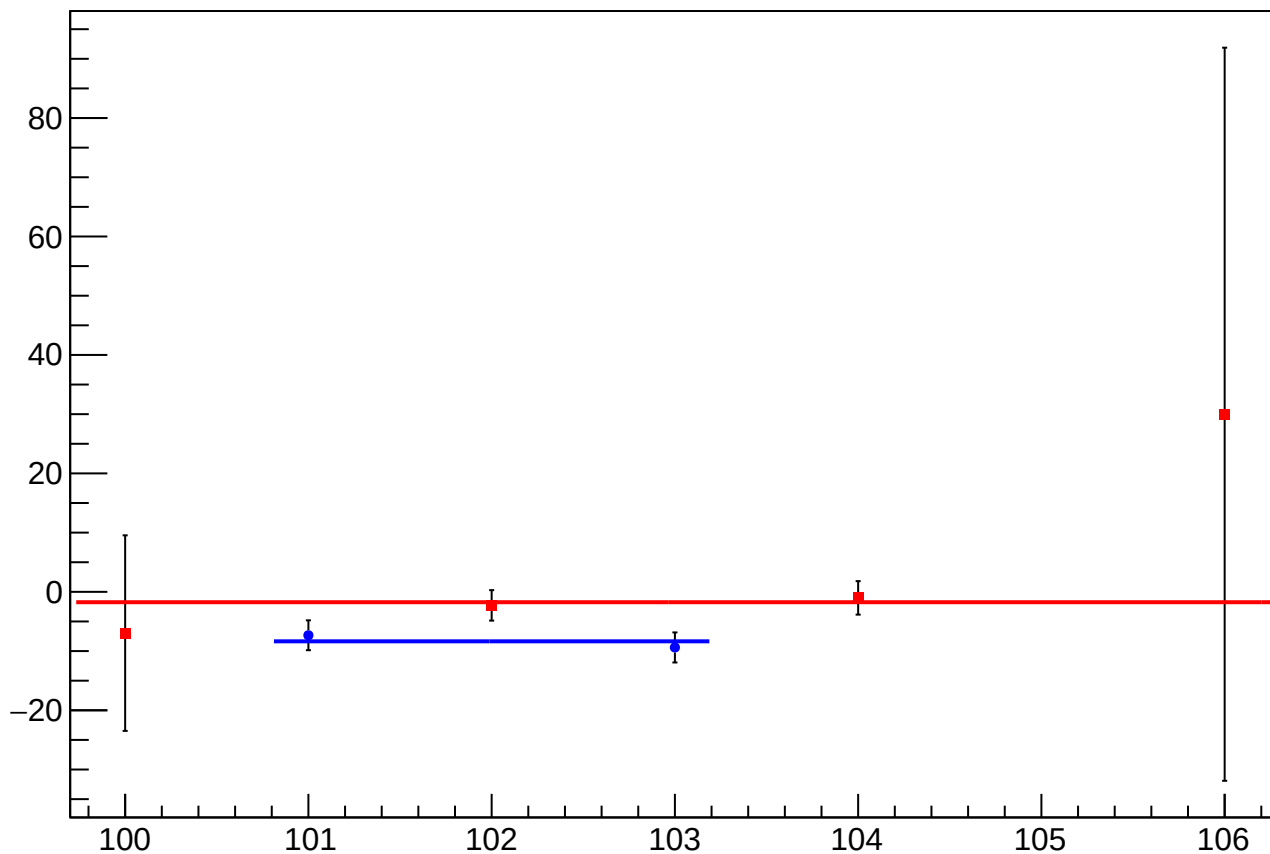
Right: 2995.793+/-1.341 χ^2/NDF : 515486.3/5

In: 2923.473+/-1.849 χ^2/NDF : 675.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2995.793+/-1.341 χ^2/NDF : 515486.3/5

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.354+/-1.789 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.750+/-1.890 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

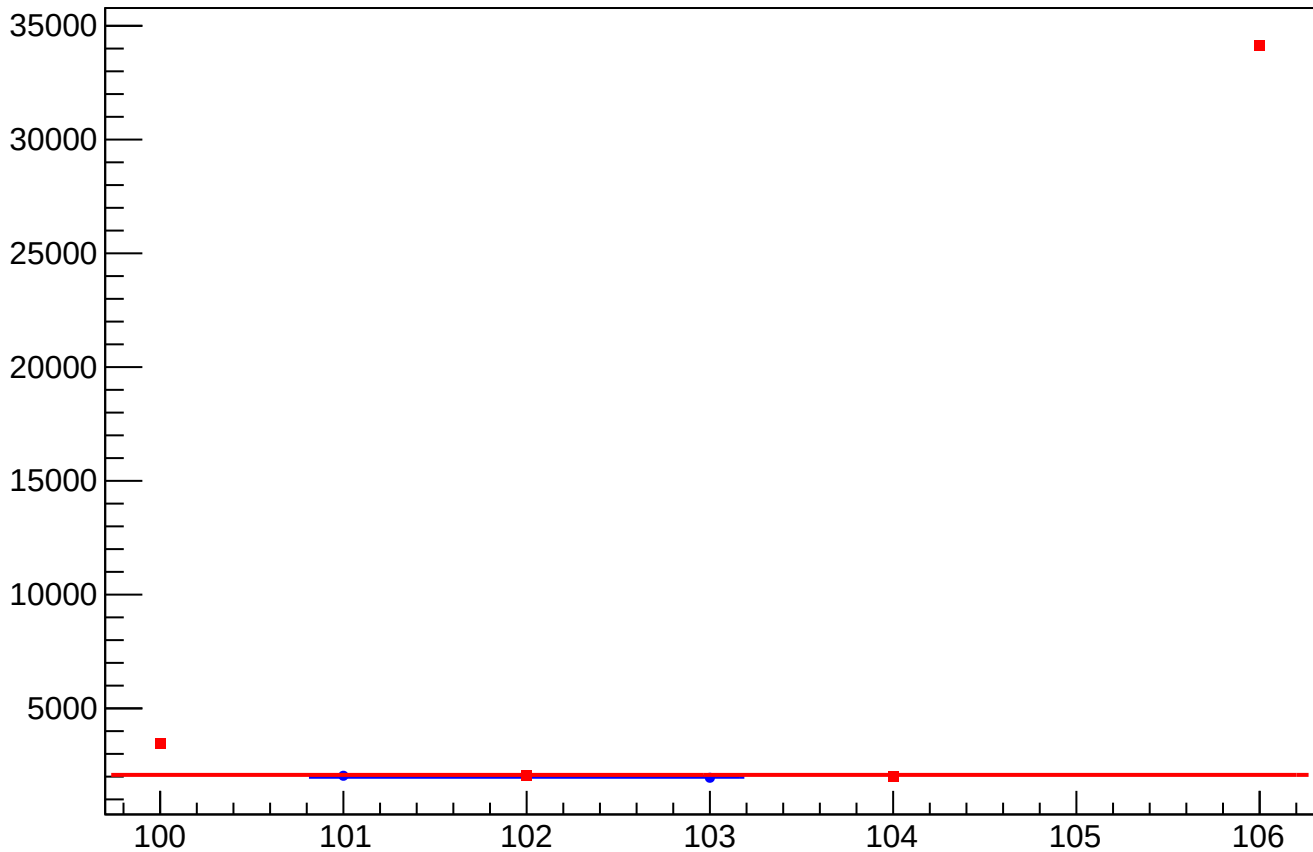
Right: -5.231+/-1.299 χ^2/NDF : 7.2/5

In: -8.354+/-1.789 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.231+/-1.299 χ^2/NDF : 7.2/5

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 1995.024+/-1.265 χ^2/NDF : 1208.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.758+/-1.336 χ^2/NDF : 551921.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

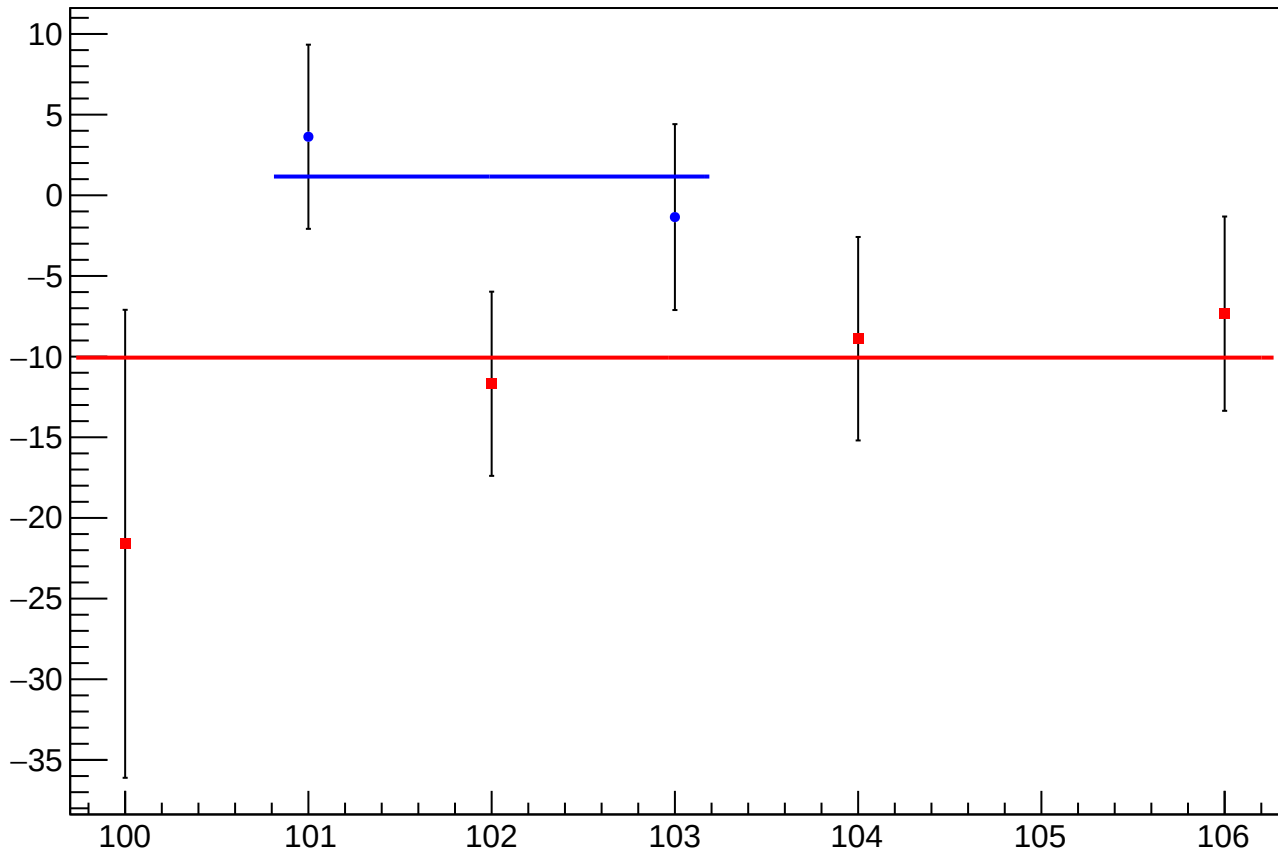
Right: 2033.670+/-0.919 χ^2/NDF : 555102.8/5

In: 1995.024+/-1.265 χ^2/NDF : 1208.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2033.670+/-0.919 χ^2/NDF : 555102.8/5

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: 1.163+/-4.055 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.062+/-3.368 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

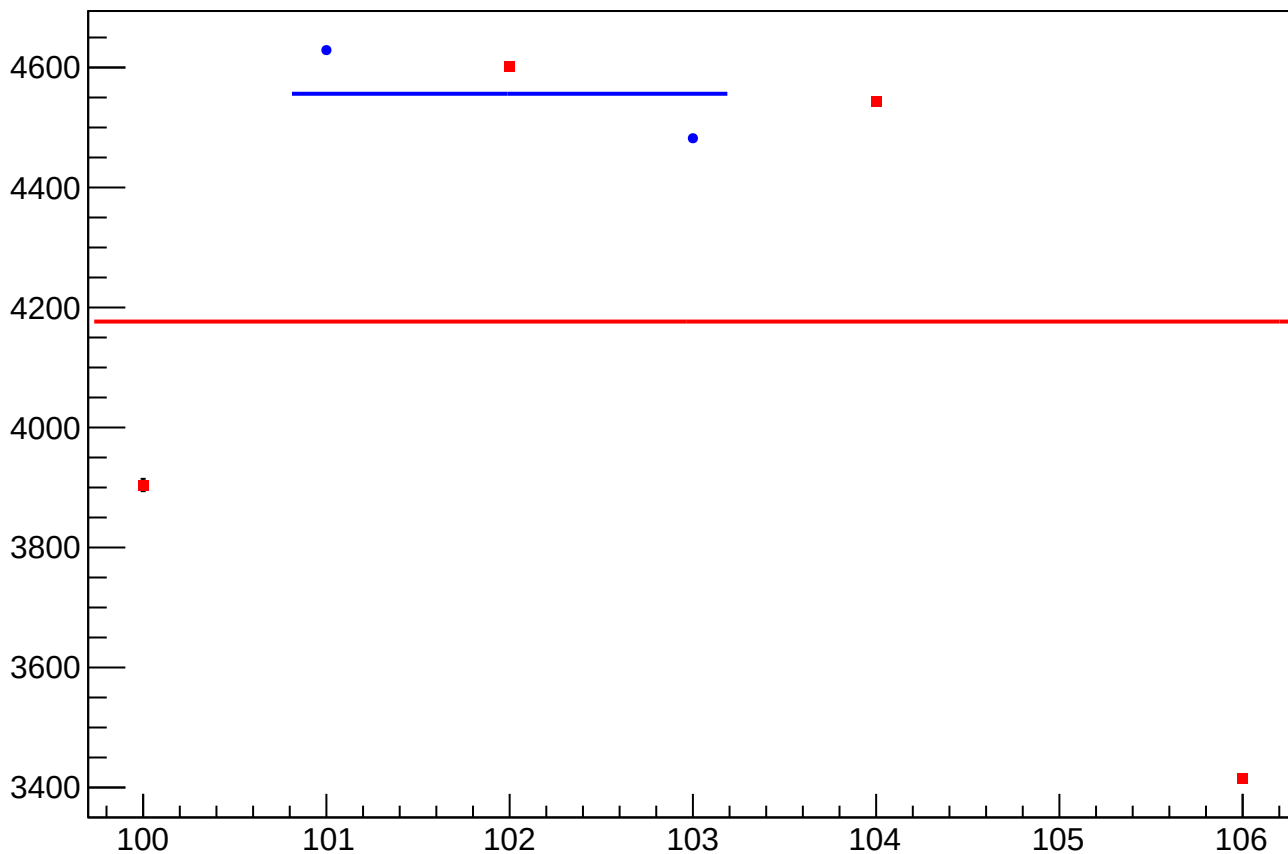
Right: -5.480+/-2.591 χ^2/NDF : 5.9/5

In: 1.163+/-4.055 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.480+/-2.591 χ^2/NDF : 5.9/5

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4556.227+/-2.867 χ^2/NDF : 656.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4176.558+/-2.382 χ^2/NDF : 50538.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

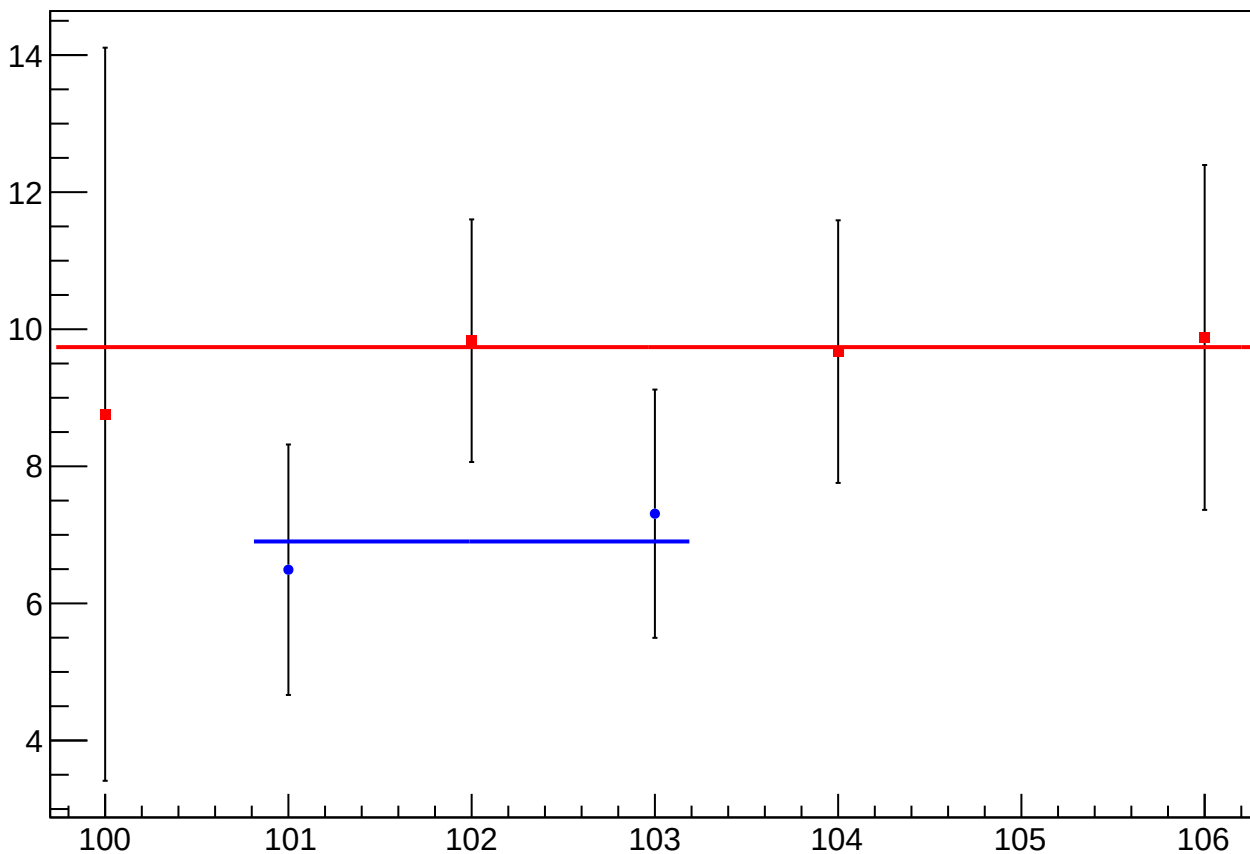
Right: 4331.548+/-1.832 χ^2/NDF : 61569.6/5

In: 4556.227+/-2.867 χ^2/NDF : 656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4331.548+/-1.832 χ^2/NDF : 61569.6/5

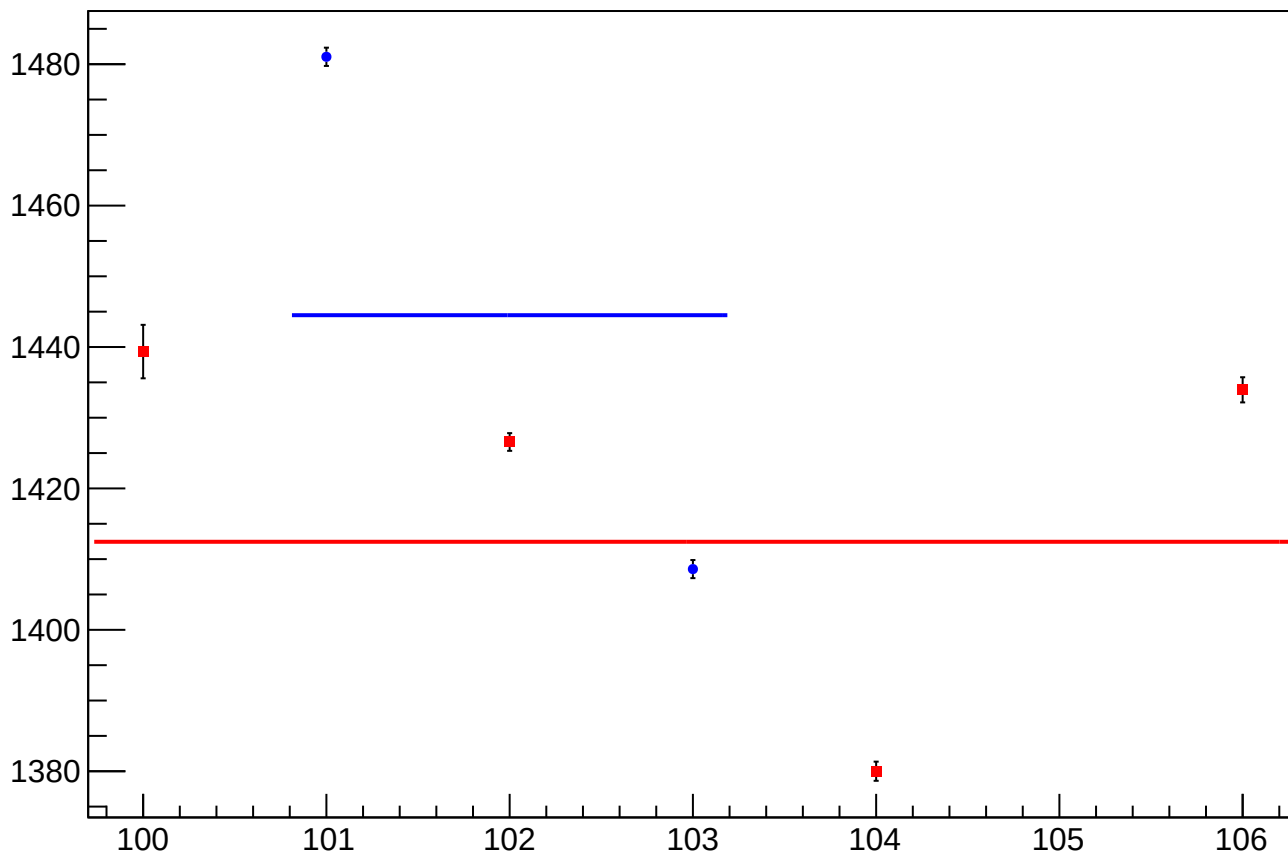
diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 6.904 $\pm$ 1.286 χ^2 /NDF: 0.1/1
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 9.739 $\pm$ 1.129 χ^2 /NDF: 0.0/3
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 8.505 $\pm$ 0.848 χ^2 /NDF: 2.9/5
In: 6.904 $\pm$ 1.286 χ^2 /NDF: 0.1/1
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 8.505 $\pm$ 0.848 χ^2 /NDF: 2.9/5

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1444.500+/-0.910 χ^2/NDF : 1586.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.454+/-0.798 χ^2/NDF : 897.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

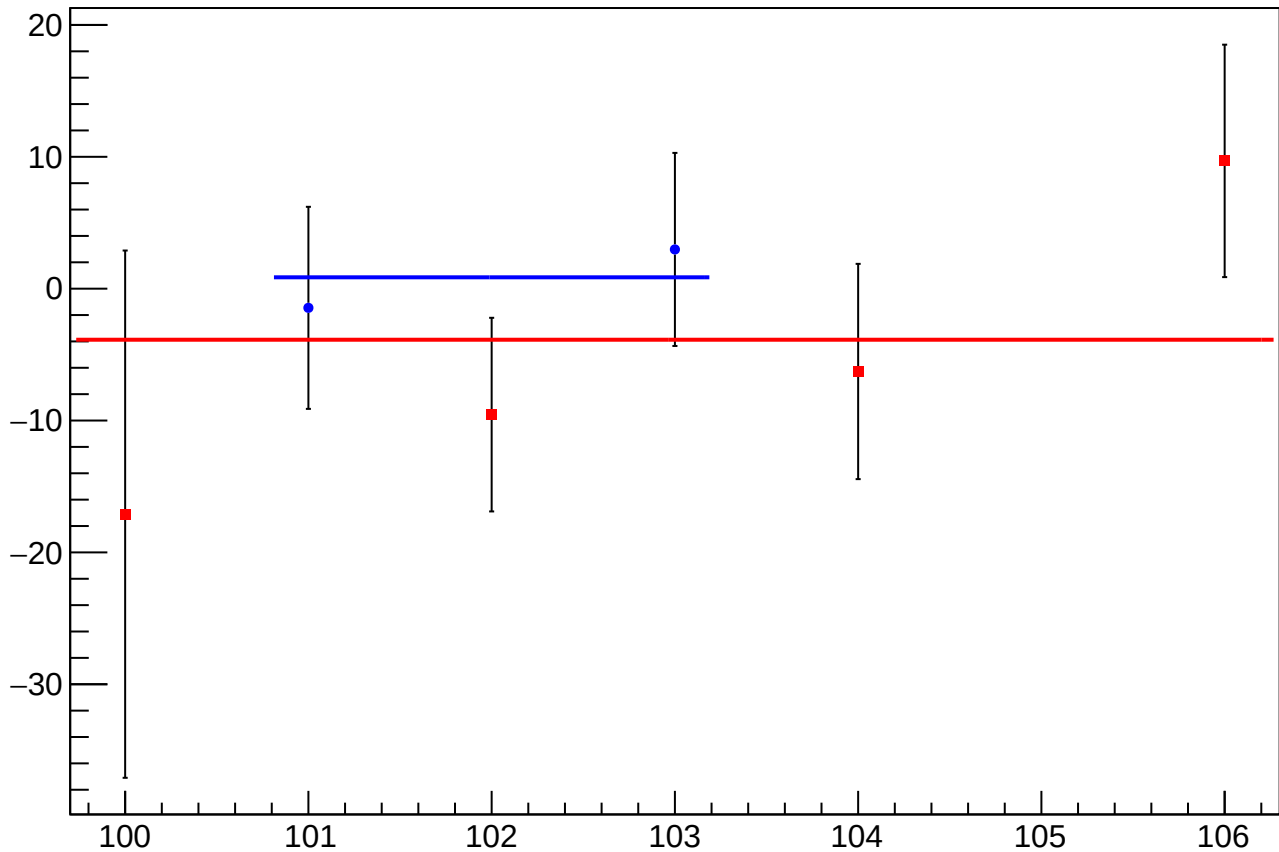
Right: 1426.398+/-0.600 χ^2/NDF : 3185.2/5

In: 1444.500+/-0.910 χ^2/NDF : 1586.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1426.398+/-0.600 χ^2/NDF : 3185.2/5

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.862+/-5.293 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.872+/-4.521 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

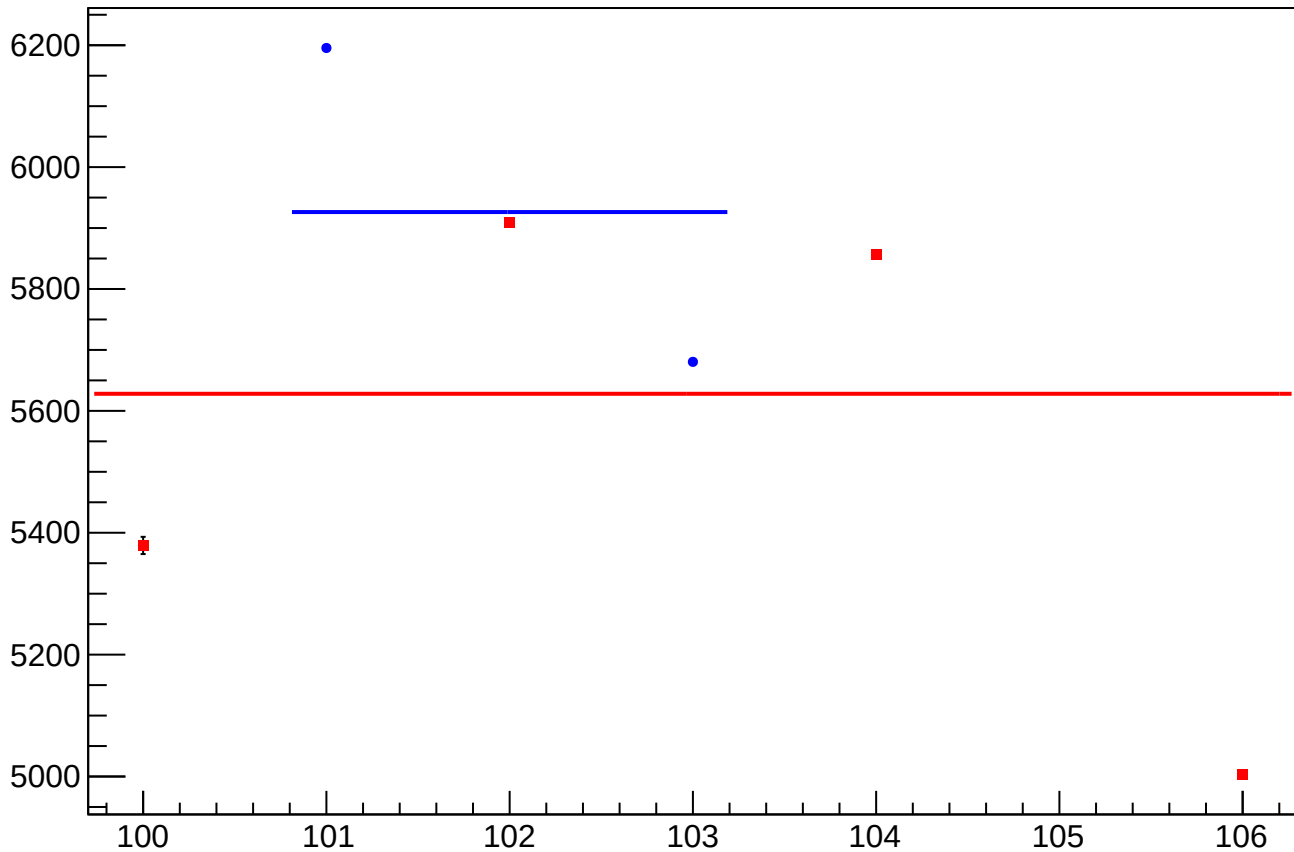
Right: -1.876+/-3.438 χ^2/NDF : 4.1/5

In: 0.862+/-5.293 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.876+/-3.438 χ^2/NDF : 4.1/5

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5926.244+/-3.743 χ^2/NDF : 4724.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5628.040+/-3.197 χ^2/NDF : 14841.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

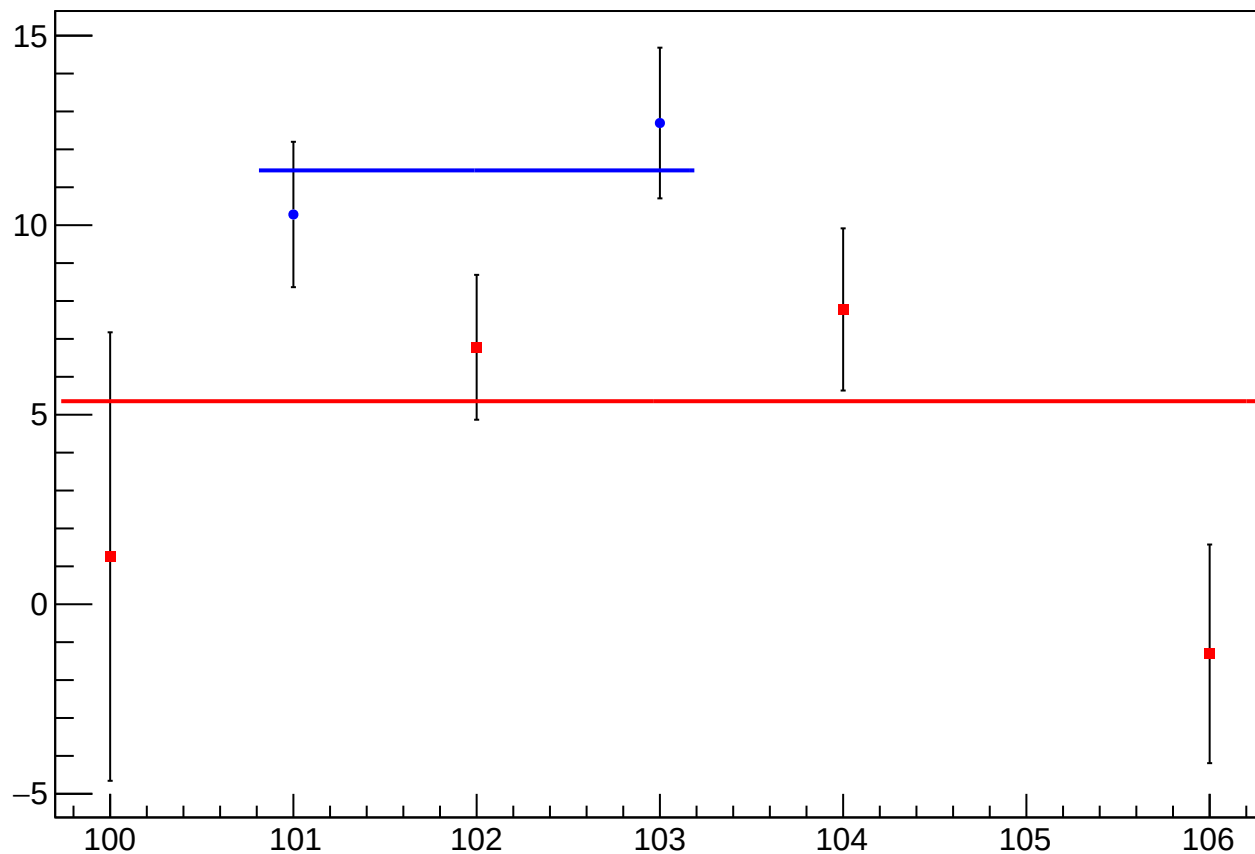
Right: 5753.812+/-2.431 χ^2/NDF : 23236.3/5

In: 5926.244+/-3.743 χ^2/NDF : 4724.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5753.812+/-2.431 χ^2/NDF : 23236.3/5

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 11.445 $\pm$ 1.380 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.357 $\pm$ 1.249 χ^2 /NDF: 7.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

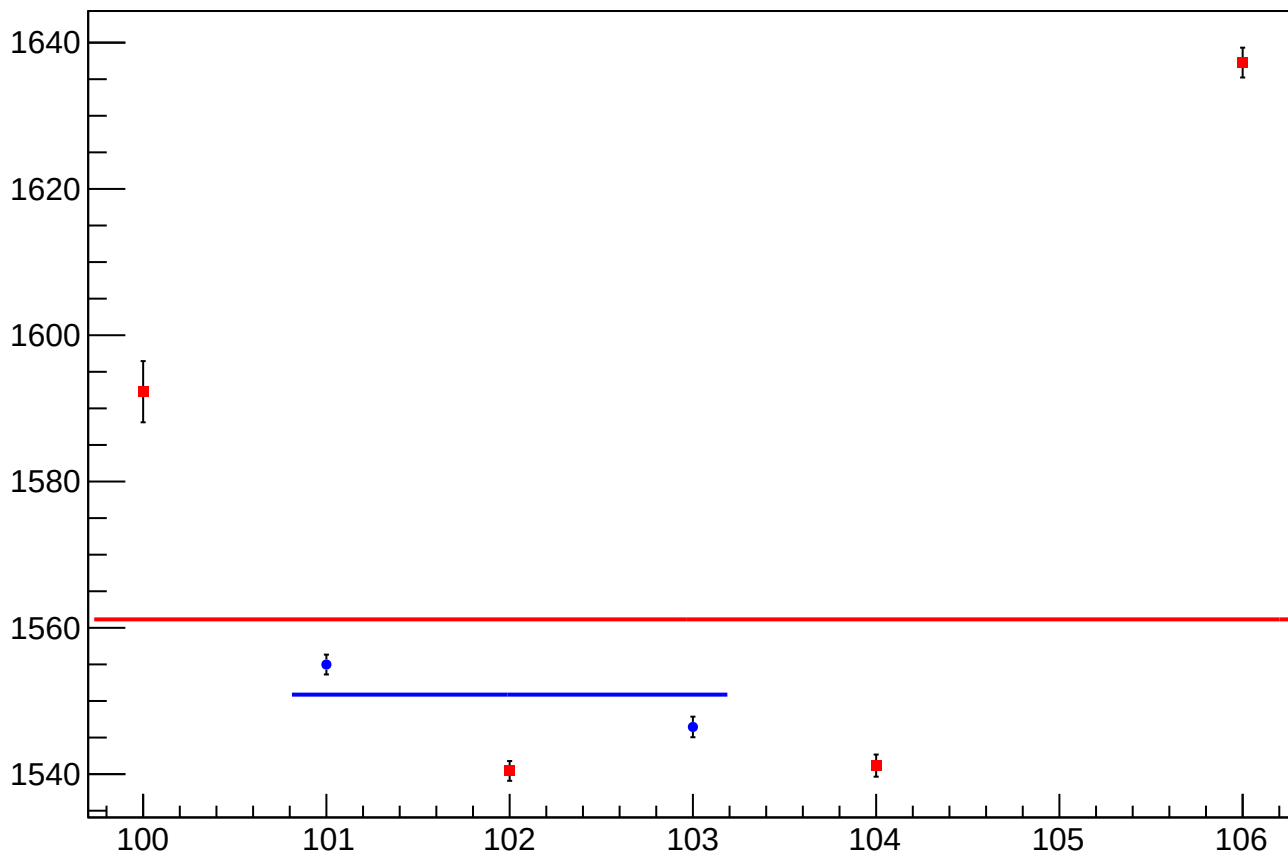
Right: 8.098 $\pm$ 0.926 χ^2 /NDF: 19.1/5

In: 11.445 $\pm$ 1.380 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.098 $\pm$ 0.926 χ^2 /NDF: 19.1/5

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1550.869 $\pm$ 0.976 χ^2 /NDF: 19.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1561.156 $\pm$ 0.883 χ^2 /NDF: 1858.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

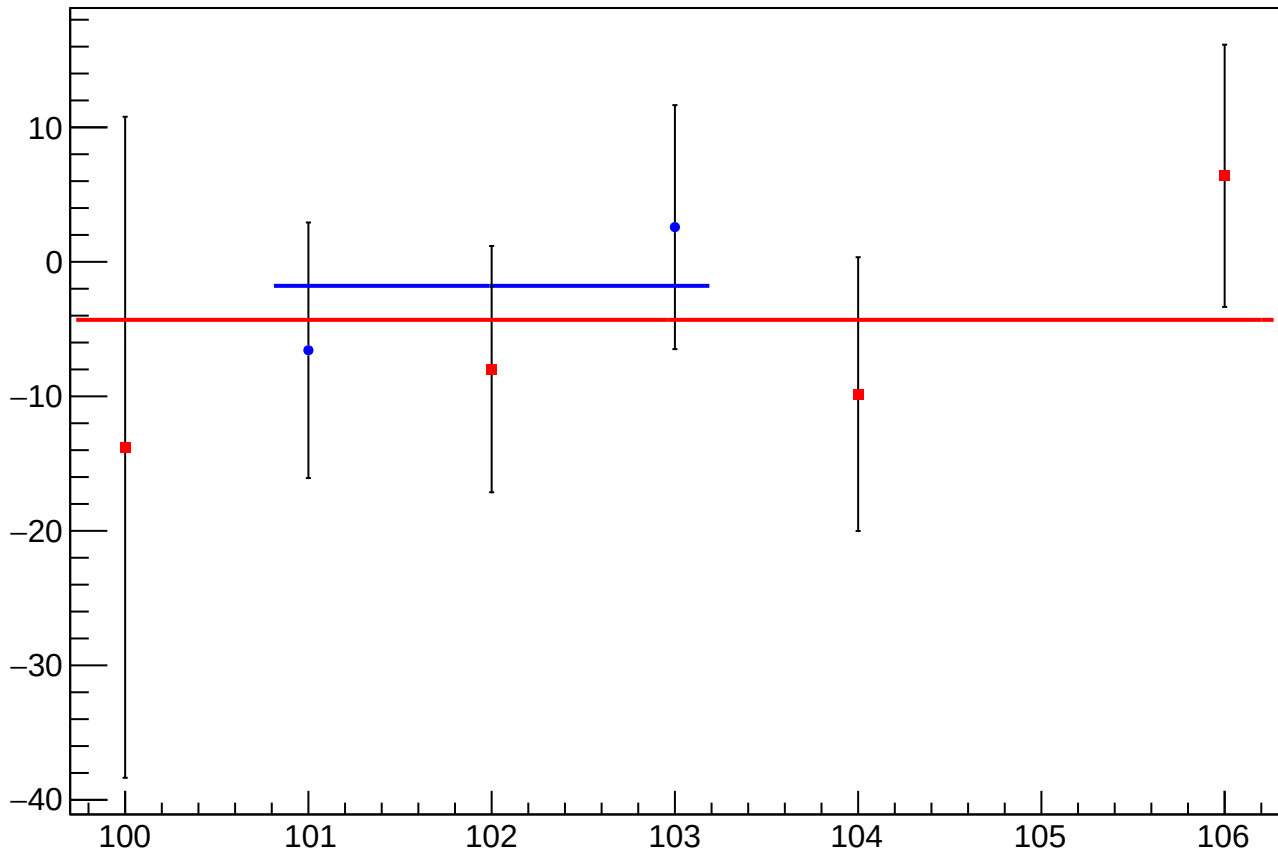
Right: 1556.525 $\pm$ 0.655 χ^2 /NDF: 1938.7/5

In: 1550.869 $\pm$ 0.976 χ^2 /NDF: 19.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1556.525 $\pm$ 0.655 χ^2 /NDF: 1938.7/5

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: -1.784 $\pm$ 6.560 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.313 $\pm$ 5.443 χ^2 /NDF: 1.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

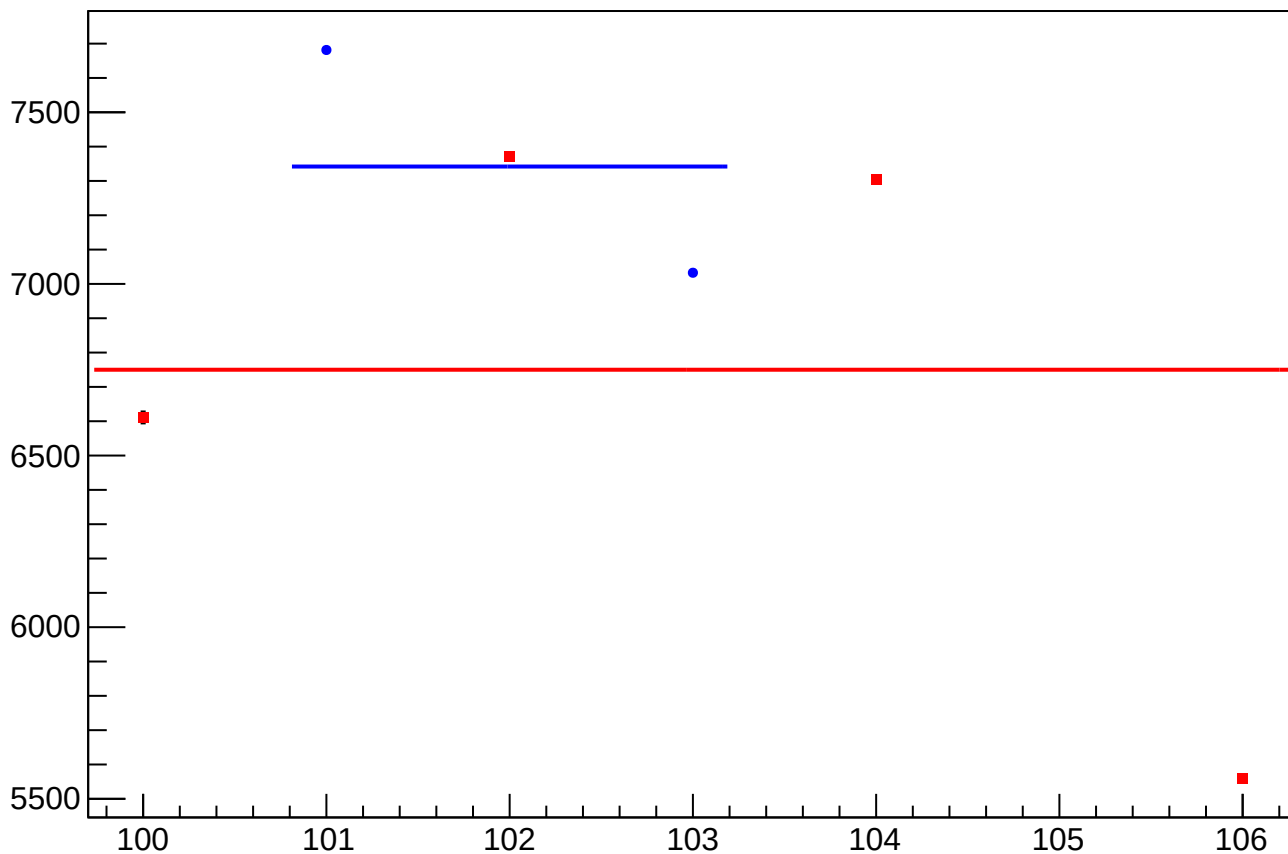
Right: -3.282 $\pm$ 4.189 χ^2 /NDF: 2.4/5

In: -1.784 $\pm$ 6.560 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.282 $\pm$ 4.189 χ^2 /NDF: 2.4/5

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 7341.965 $\pm$ 4.639 χ^2 /NDF: 4882.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6749.991 $\pm$ 3.849 χ^2 /NDF: 45021.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

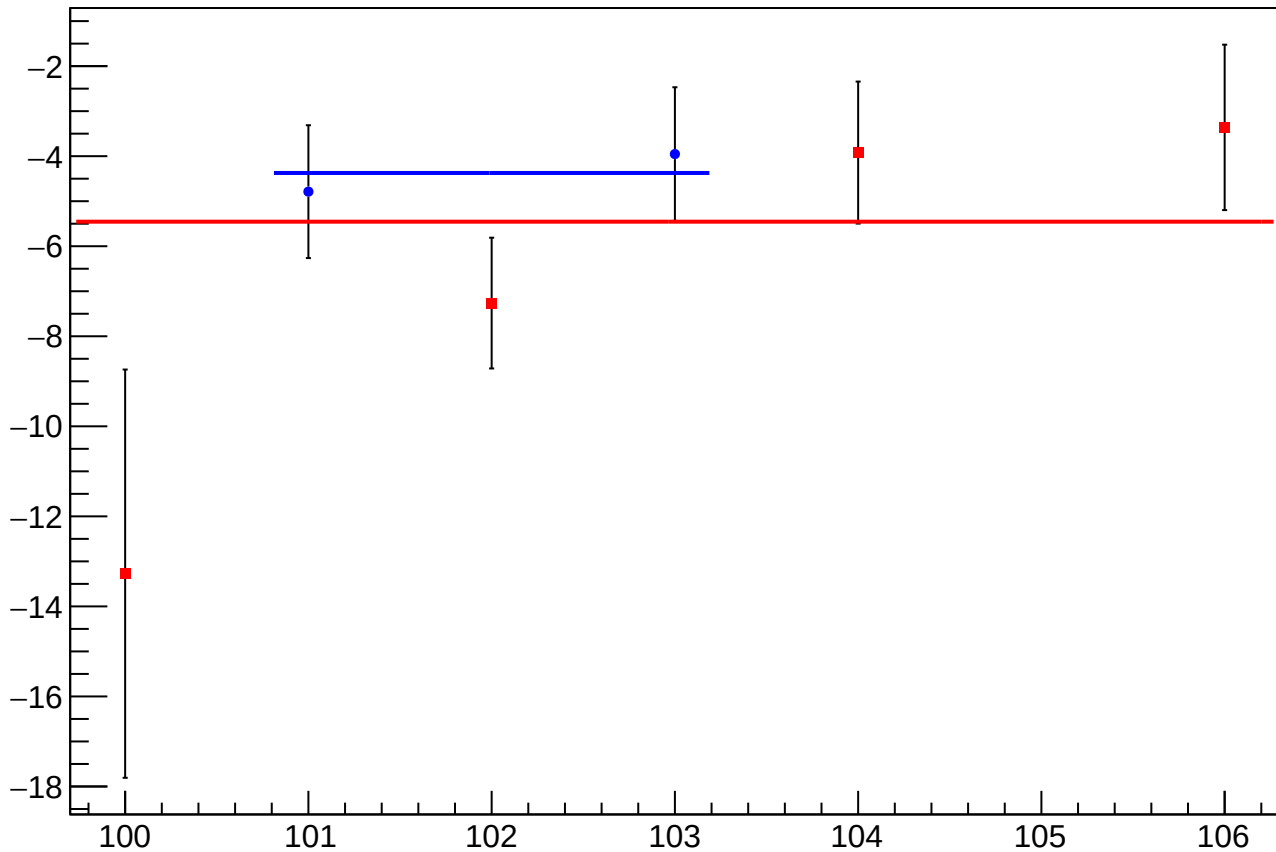
Right: 6991.361 $\pm$ 2.962 χ^2 /NDF: 59549.8/5

In: 7341.965 $\pm$ 4.639 χ^2 /NDF: 4882.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6991.361 $\pm$ 2.962 χ^2 /NDF: 59549.8/5

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.373+/-1.046 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.455+/-0.905 χ^2/NDF : 6.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

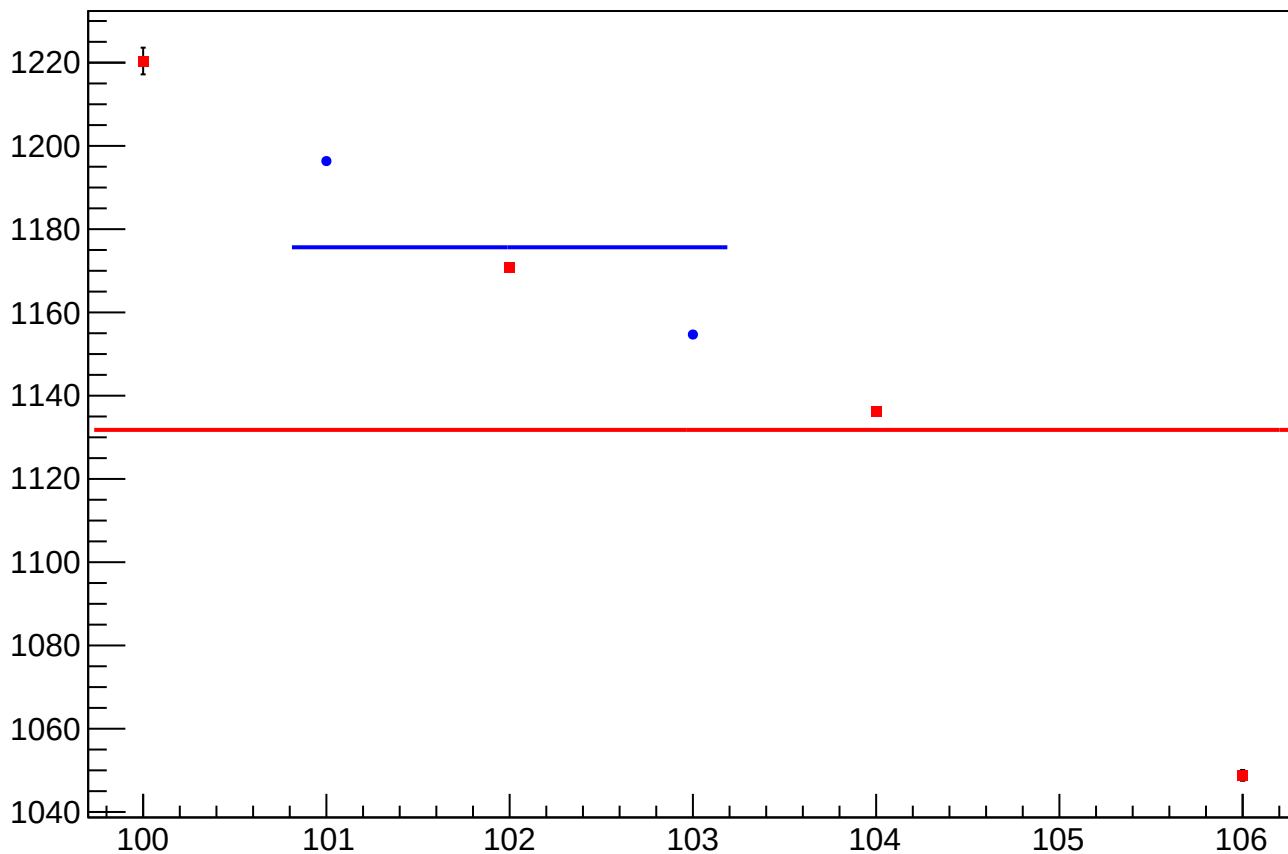
Right: -4.992+/-0.684 χ^2/NDF : 7.5/5

In: -4.373+/-1.046 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.992+/-0.684 χ^2/NDF : 7.5/5

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1175.647 $\pm$ 0.740 χ^2 /NDF: 792.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.783 $\pm$ 0.640 χ^2 /NDF: 6304.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

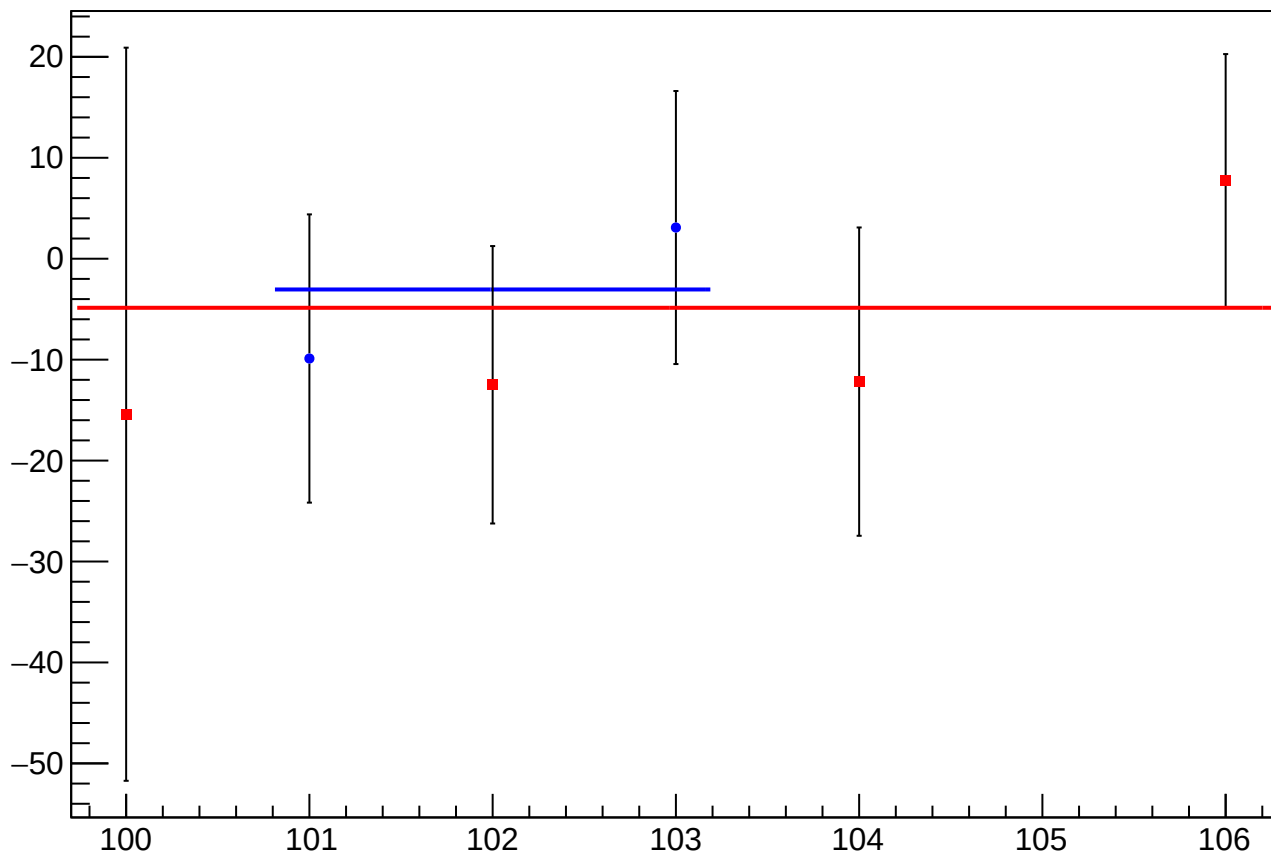
Right: 1150.555 $\pm$ 0.484 χ^2 /NDF: 9108.4/5

In: 1175.647 $\pm$ 0.740 χ^2 /NDF: 792.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1150.555 $\pm$ 0.484 χ^2 /NDF: 9108.4/5

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -3.047 $\pm$ 9.820 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.861 $\pm$ 7.743 χ^2 /NDF: 1.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

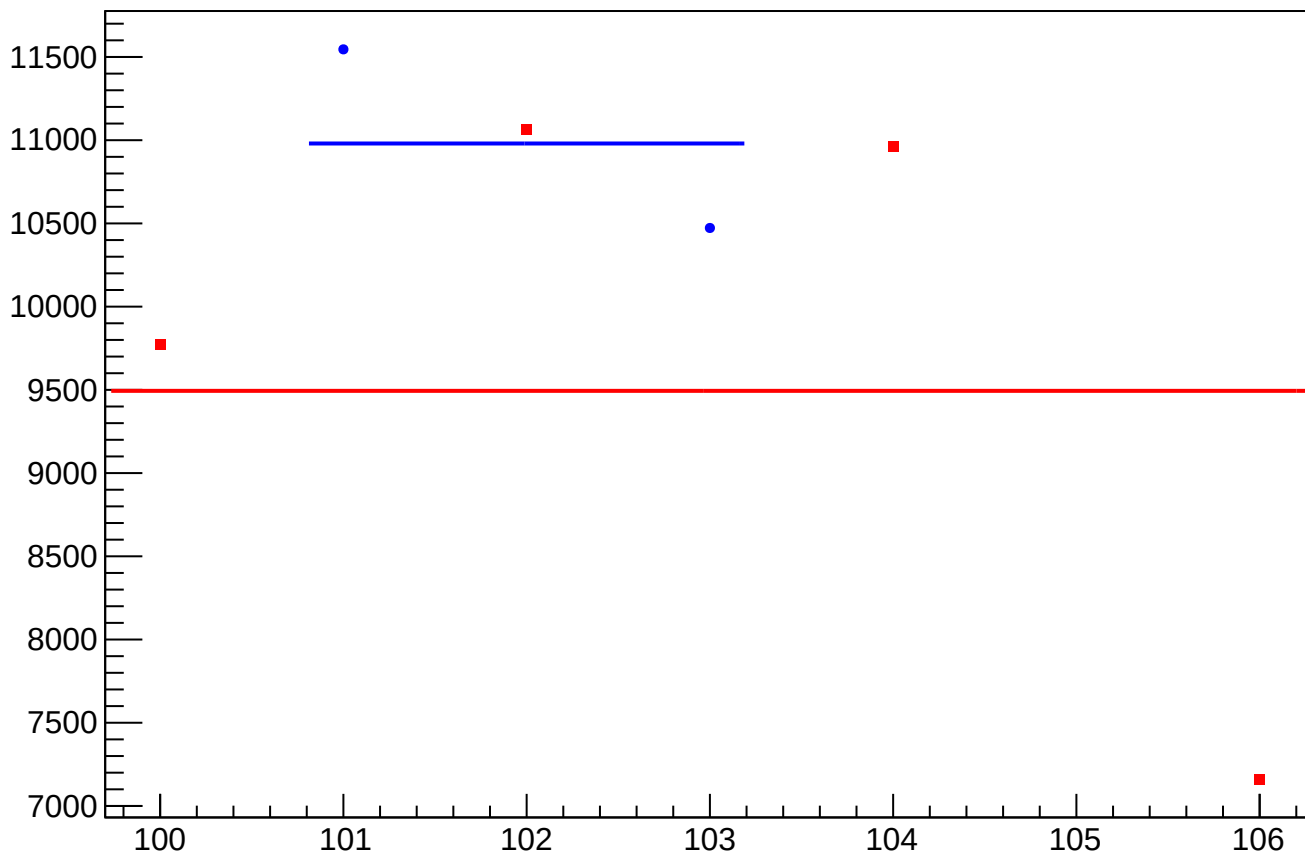
Right: -4.166 $\pm$ 6.080 χ^2 /NDF: 2.1/5

In: -3.047 $\pm$ 9.820 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.166 $\pm$ 6.080 χ^2 /NDF: 2.1/5

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 10980.191 $\pm$ 6.943 χ^2 /NDF: 5954.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9494.048 $\pm$ 5.475 χ^2 /NDF: 113678.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

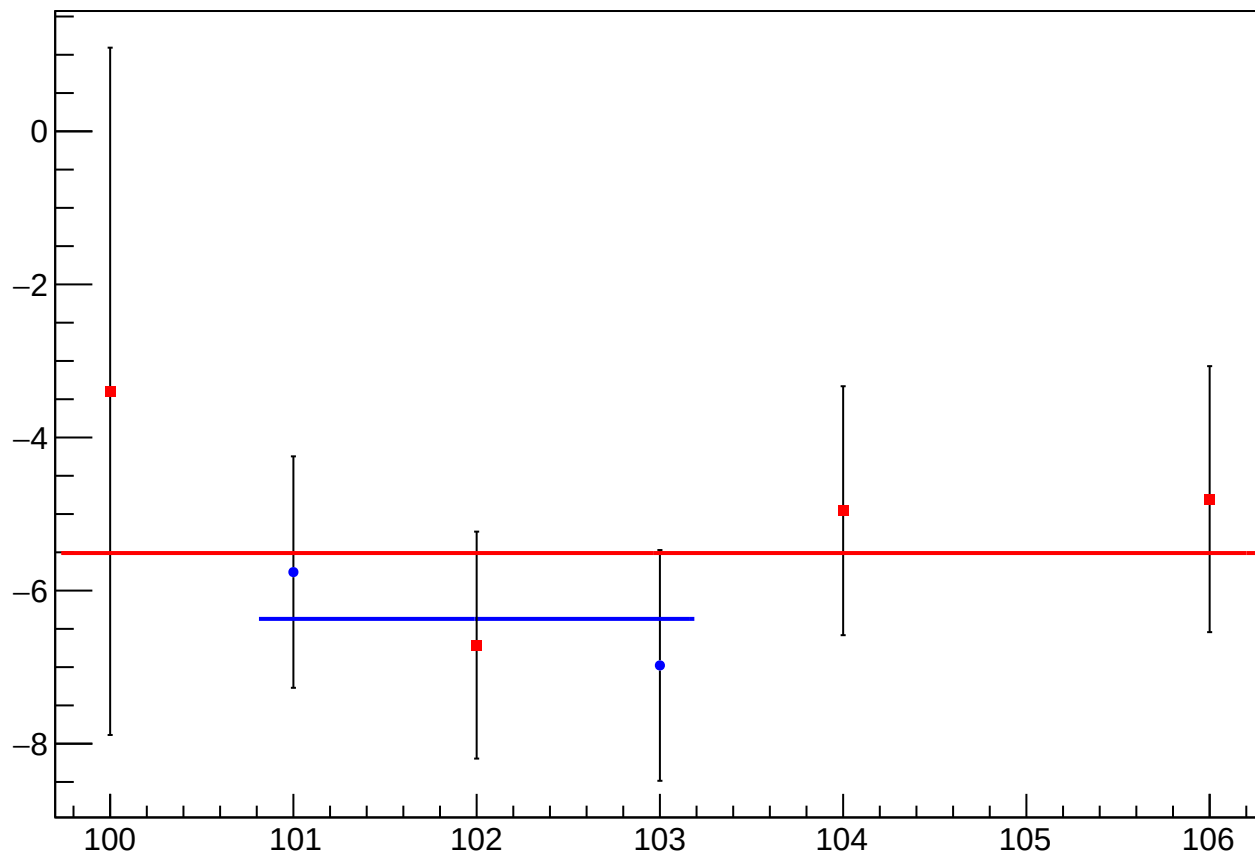
Right: 10063.803 $\pm$ 4.299 χ^2 /NDF: 147880.9/5

In: 10980.191 $\pm$ 6.943 χ^2 /NDF:5954.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10063.803 $\pm$ 4.299 χ^2 /NDF: 147880.9/5

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -6.370+/-1.067 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.509+/-0.908 χ^2/NDF : 1.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

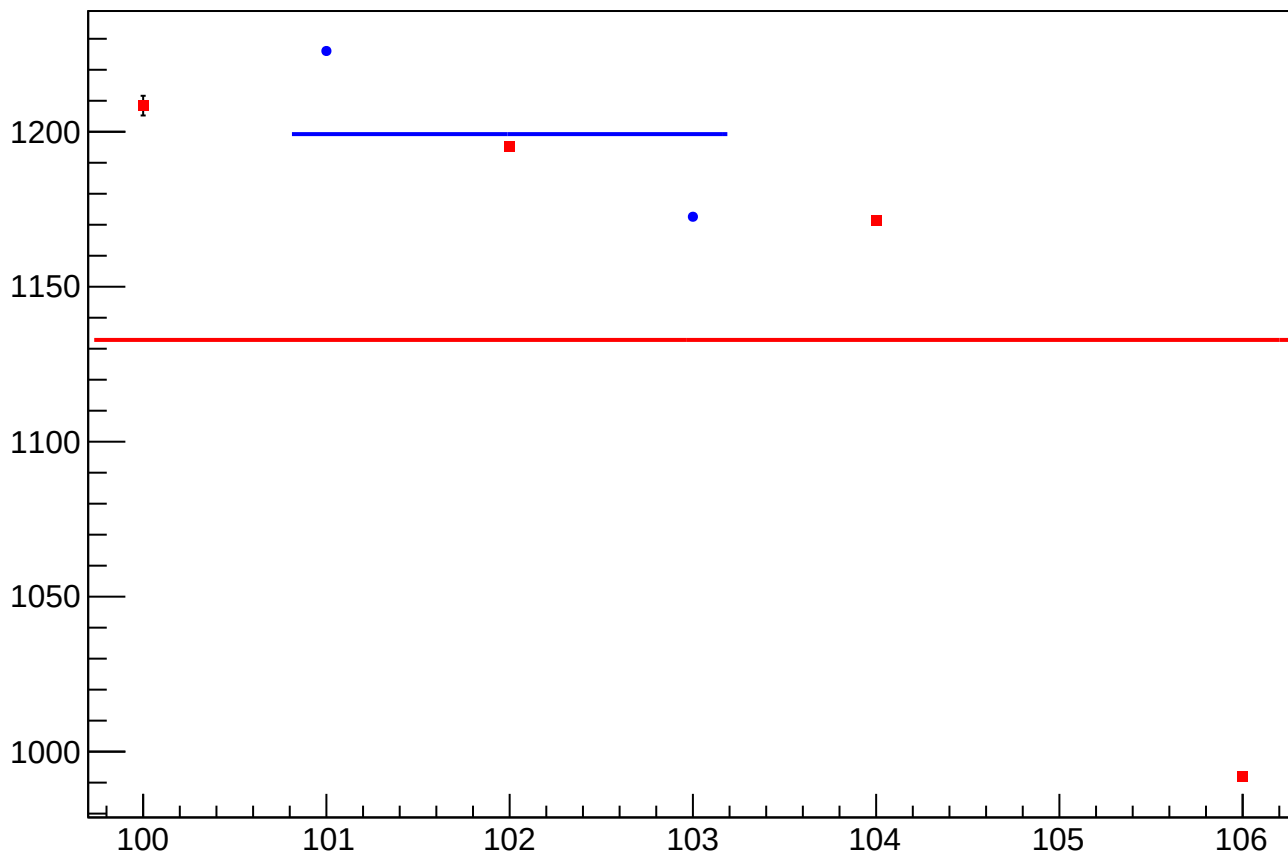
Right: -5.870+/-0.691 χ^2/NDF : 1.9/5

In: -6.370+/-1.067 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.870+/-0.691 χ^2/NDF : 1.9/5

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1199.241+/-0.755 χ^2/NDF : 1255.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1132.836+/-0.642 χ^2/NDF : 18404.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

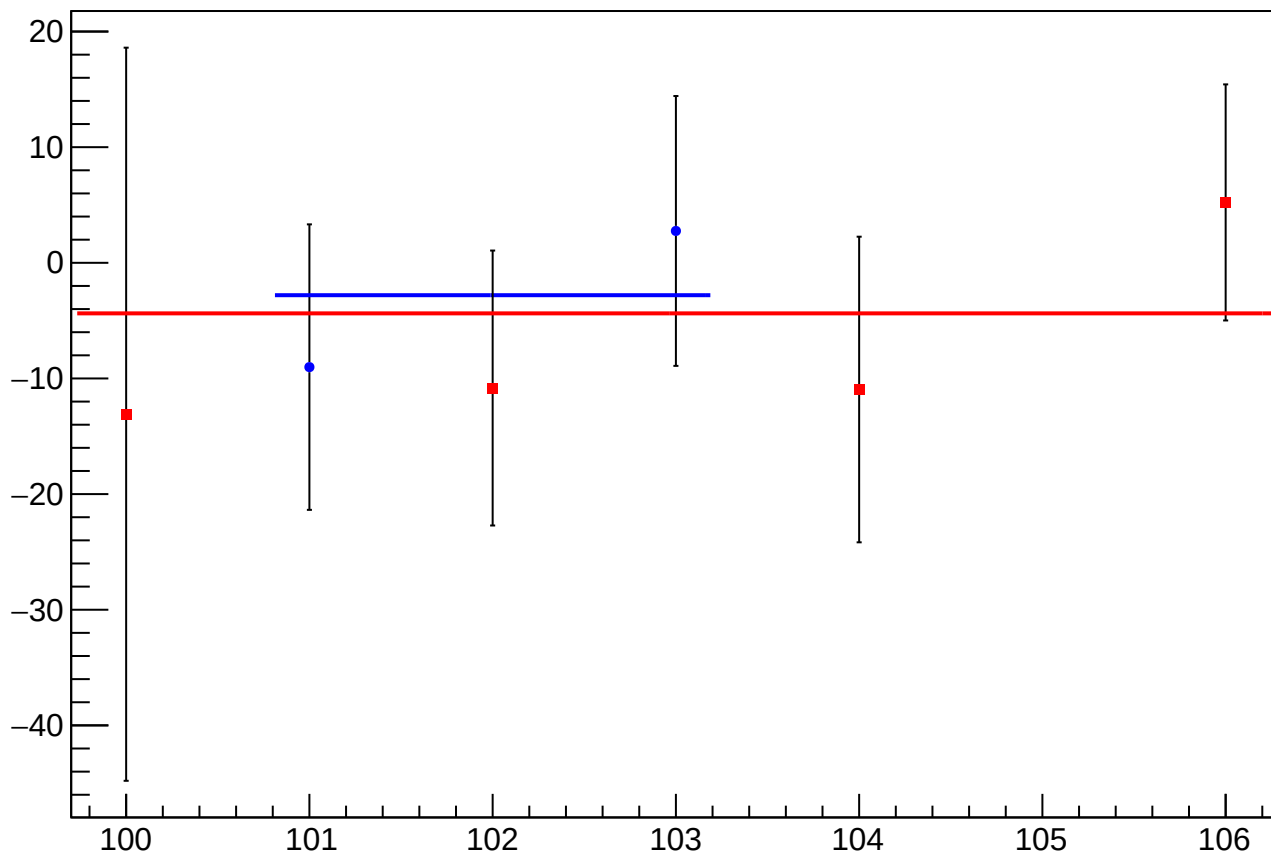
Right: 1160.698+/-0.489 χ^2/NDF : 24151.6/5

In: 1199.241+/-0.755 χ^2/NDF : 1255.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1160.698+/-0.489 χ^2/NDF : 24151.6/5

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: -2.800+/-8.479 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.371+/-6.538 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

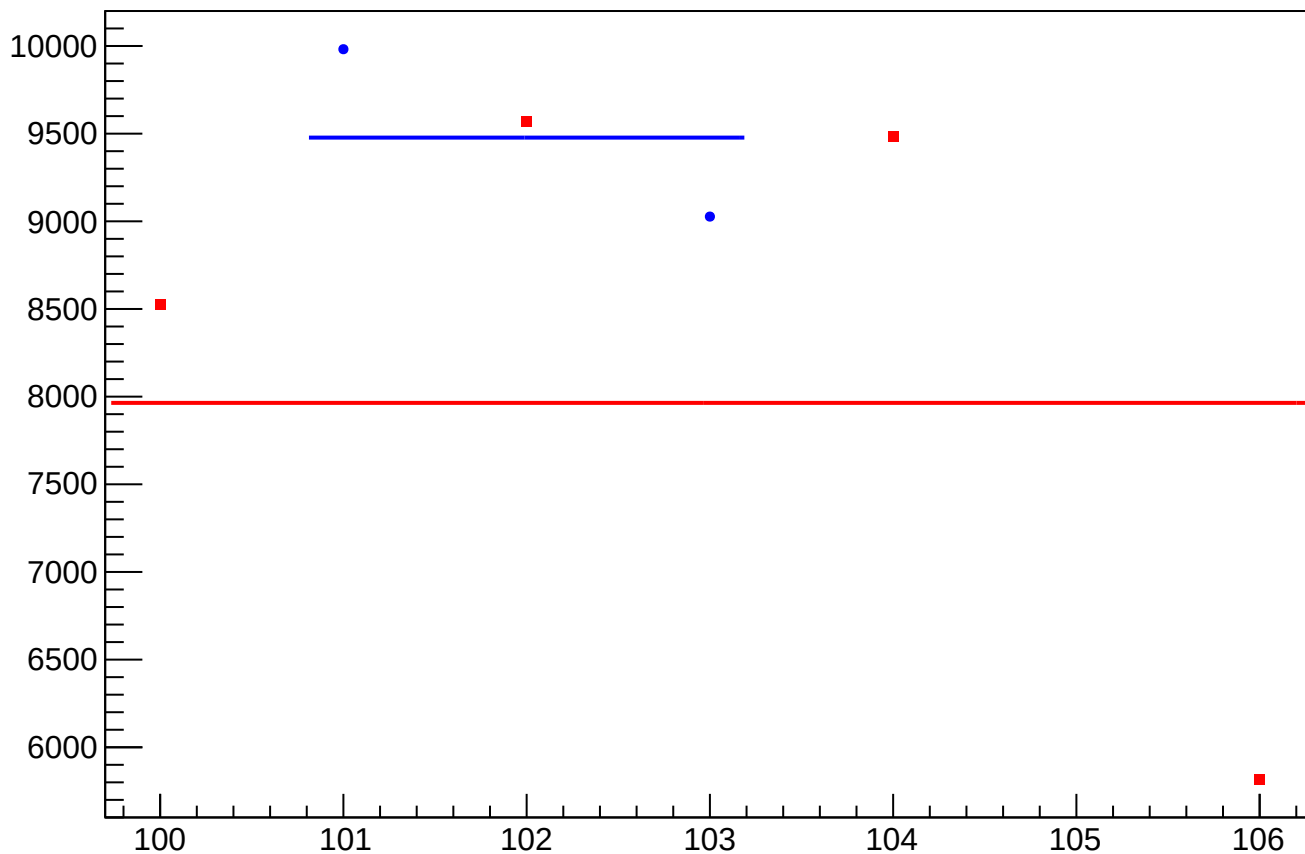
Right: -3.785+/-5.178 χ^2/NDF : 2.0/5

In: -2.800+/-8.479 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.785+/-5.178 χ^2/NDF : 2.0/5

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 9477.483+/-5.996 χ^2/NDF : 6318.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7964.376+/-4.623 χ^2/NDF : 152124.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

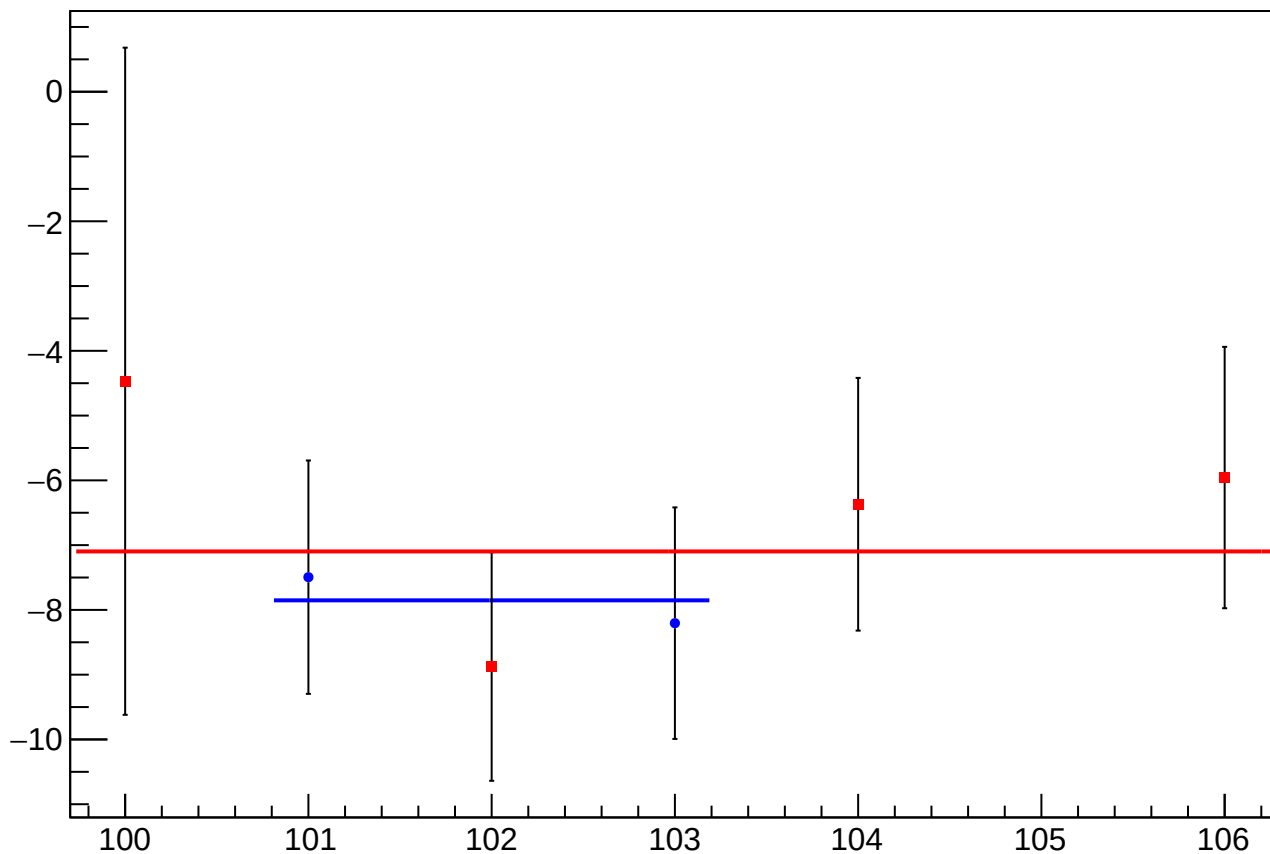
Right: 8528.514+/-3.661 χ^2/NDF : 198383.2/5

In: 9477.483+/-5.996 χ^2/NDF : 6318.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8528.514+/-3.661 χ^2/NDF : 198383.2/5

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.852 ± 1.269 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.097 ± 1.074 χ^2/NDF : 1.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

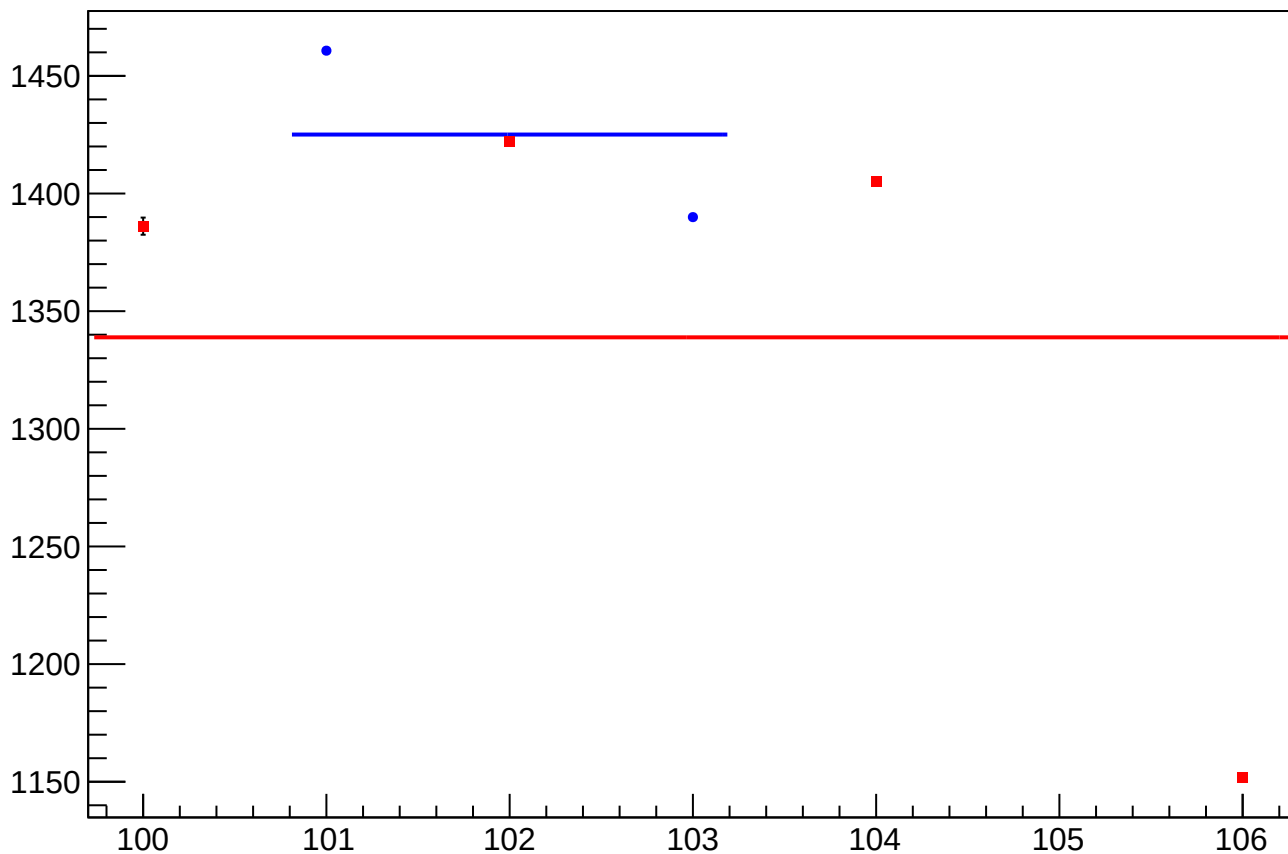
Right: -7.412 ± 0.820 χ^2/NDF : 2.0/5

In: -7.852 ± 1.269 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.412 ± 0.820 χ^2/NDF : 2.0/5

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1425.068 $\pm$ 0.897 χ^2 /NDF: 1554.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1338.881 $\pm$ 0.759 χ^2 /NDF: 24124.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

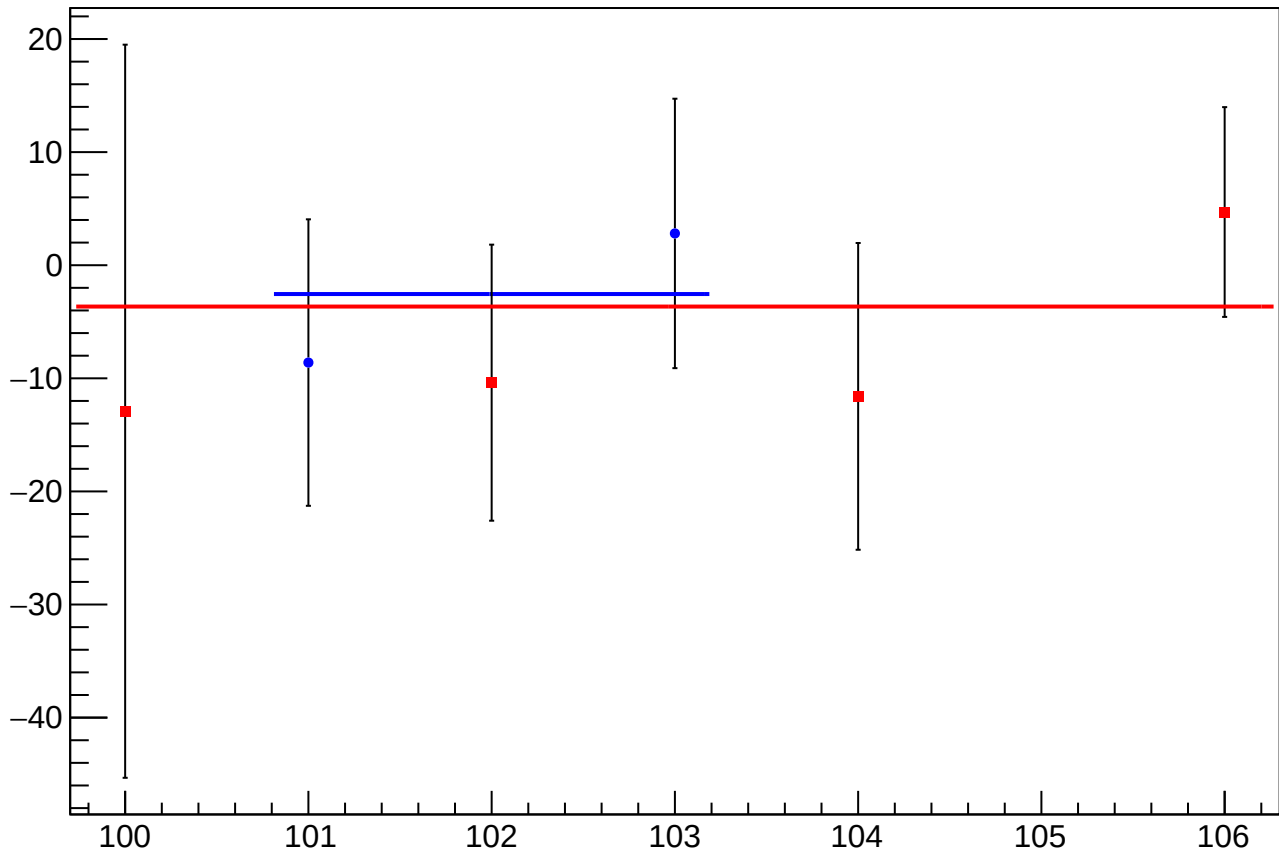
Right: 1374.847 $\pm$ 0.580 χ^2 /NDF: 31055.5/5

In: 1425.068 $\pm$ 0.897 χ^2 /NDF:1554.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1374.847 $\pm$ 0.580 χ^2 /NDF: 31055.5/5

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: -2.548+/-8.677 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.655+/-6.359 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

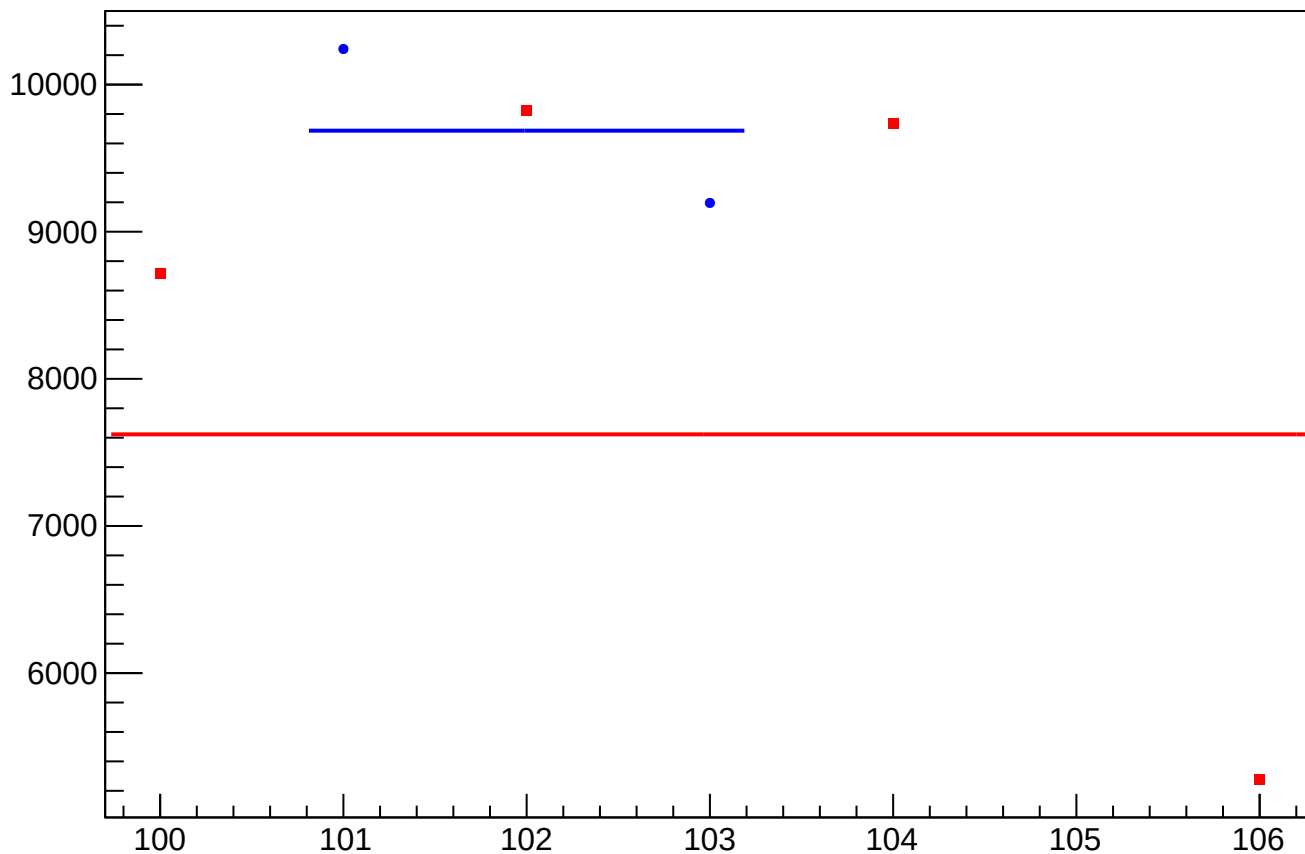
Right: -3.268+/-5.129 χ^2/NDF : 2.0/5

In: -2.548+/-8.677 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.268+/-5.129 χ^2/NDF : 2.0/5

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 9686.767+/-6.135 χ^2/NDF : 7242.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7622.671+/-4.496 χ^2/NDF : 244011.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

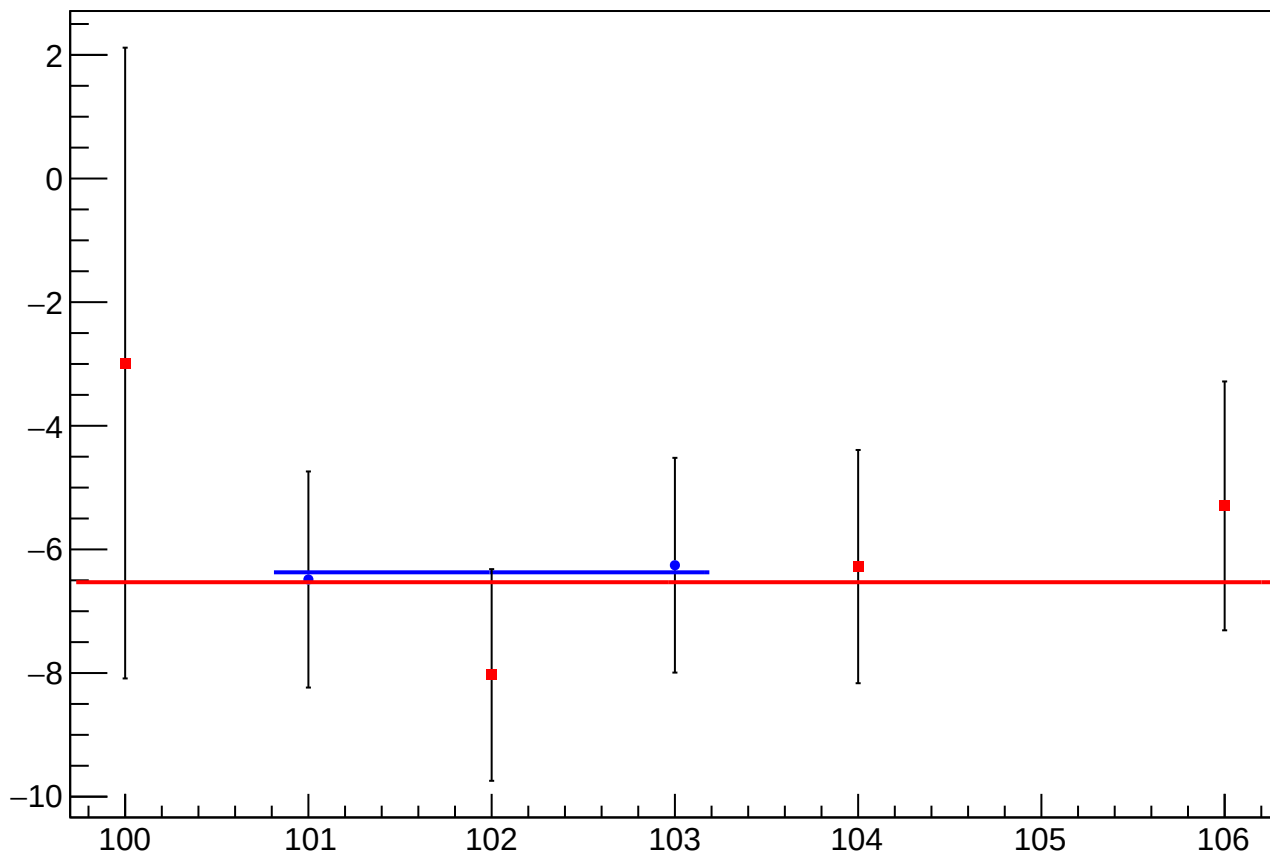
Right: 8343.902+/-3.627 χ^2/NDF : 324887.0/5

In: 9686.767+/-6.135 χ^2/NDF : 7242.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8343.902+/-3.627 χ^2/NDF : 324887.0/5

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.371+/-1.232 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.531+/-1.050 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

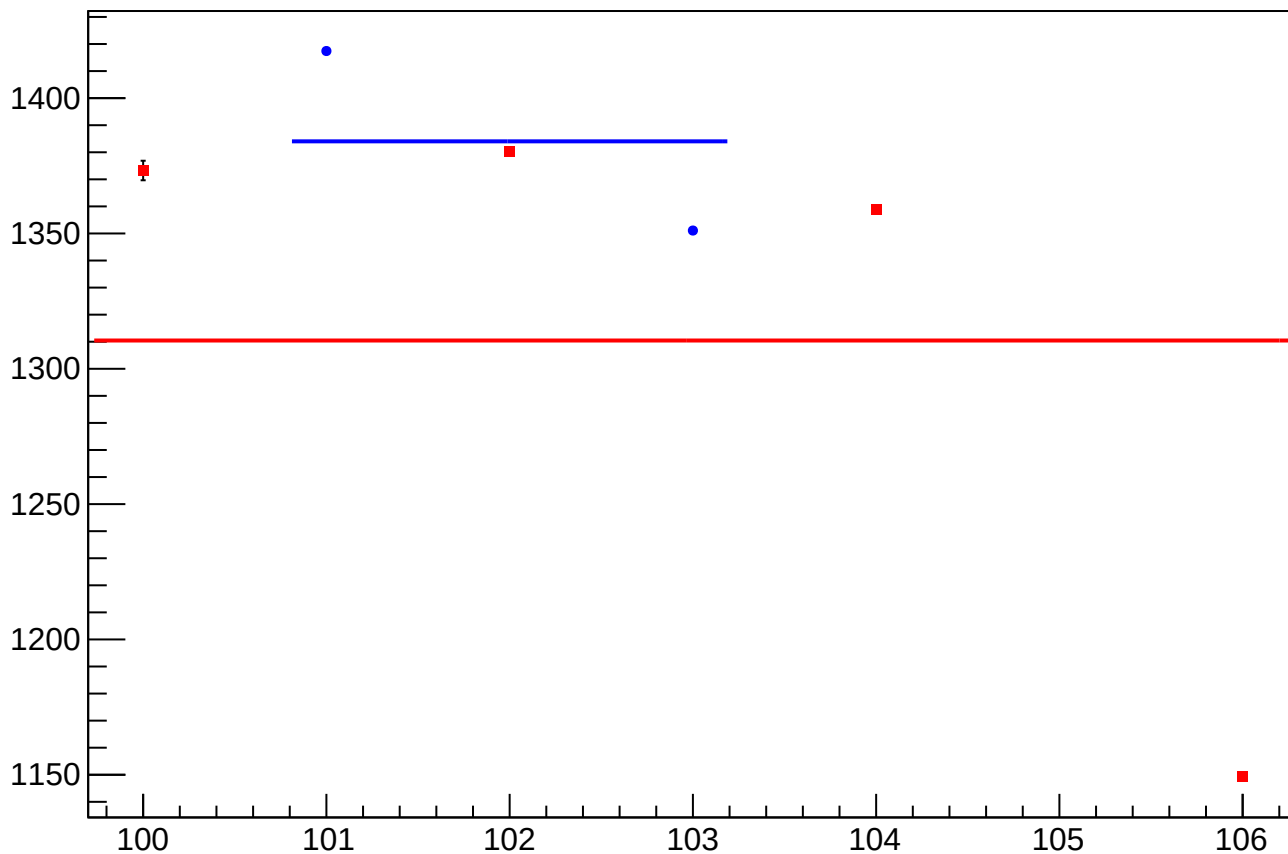
Right: -6.463+/-0.799 χ^2/NDF : 1.7/5

In: -6.371+/-1.232 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.463+/-0.799 χ^2/NDF : 1.7/5

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1384.038 $\pm$ 0.871 χ^2 /NDF: 1448.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1310.450 $\pm$ 0.742 χ^2 /NDF: 17768.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

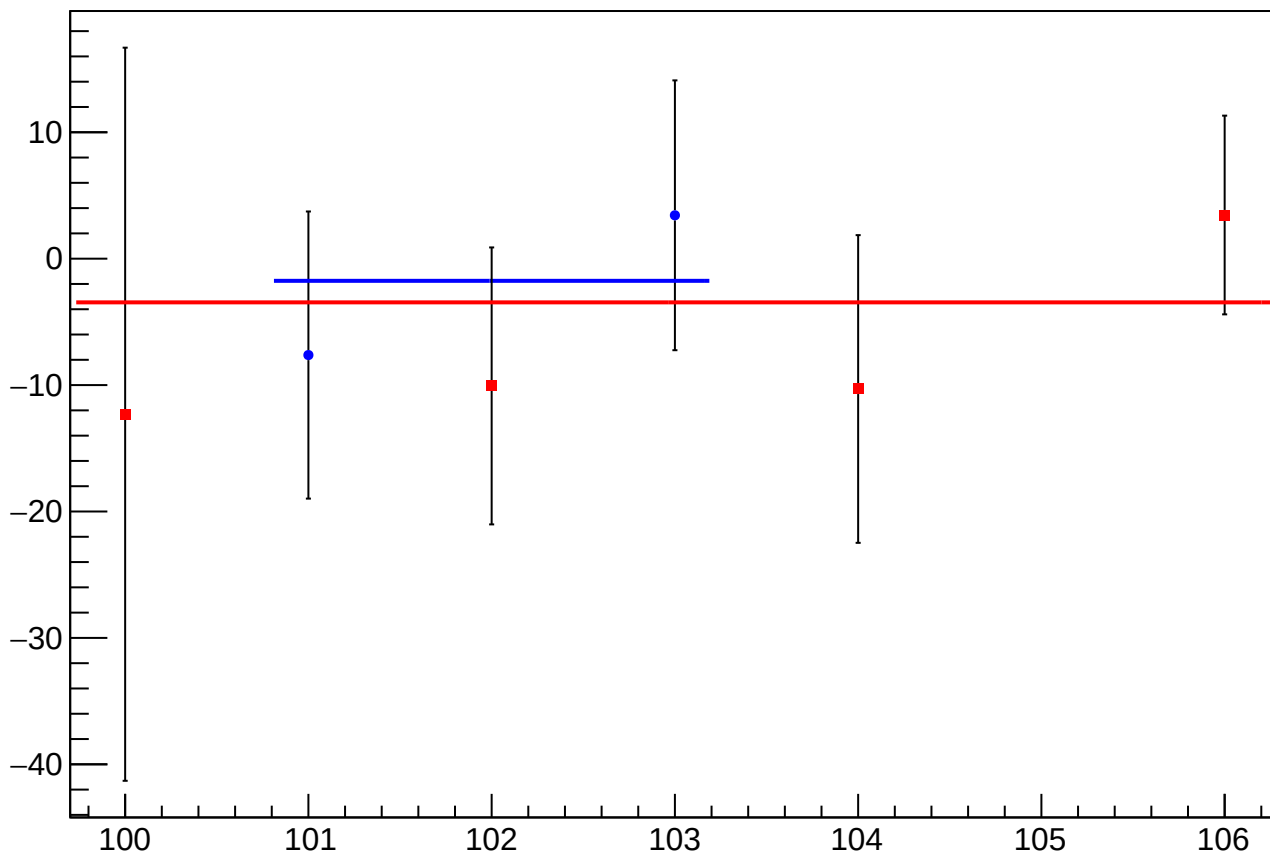
Right: 1341.403 $\pm$ 0.565 χ^2 /NDF: 23350.9/5

In: 1384.038 $\pm$ 0.871 χ^2 /NDF:1448.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1341.403 $\pm$ 0.565 χ^2 /NDF: 23350.9/5

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.753+/-7.777 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.456+/-5.551 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

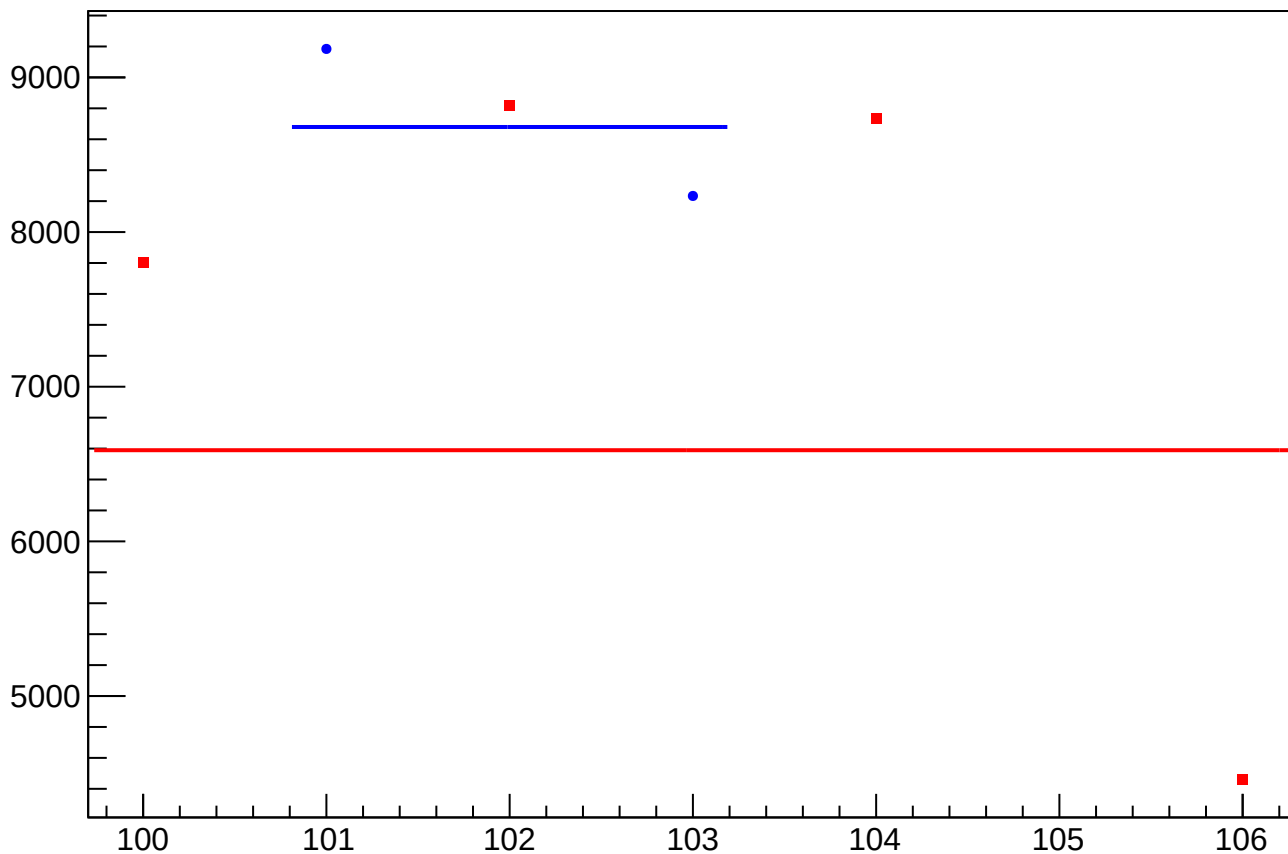
Right: -2.881+/-4.518 χ^2/NDF : 2.1/5

In: -1.753+/-7.777 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.881+/-4.518 χ^2/NDF : 2.1/5

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8679.414+/-5.499 χ^2/NDF : 7442.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6589.483+/-3.925 χ^2/NDF : 295687.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

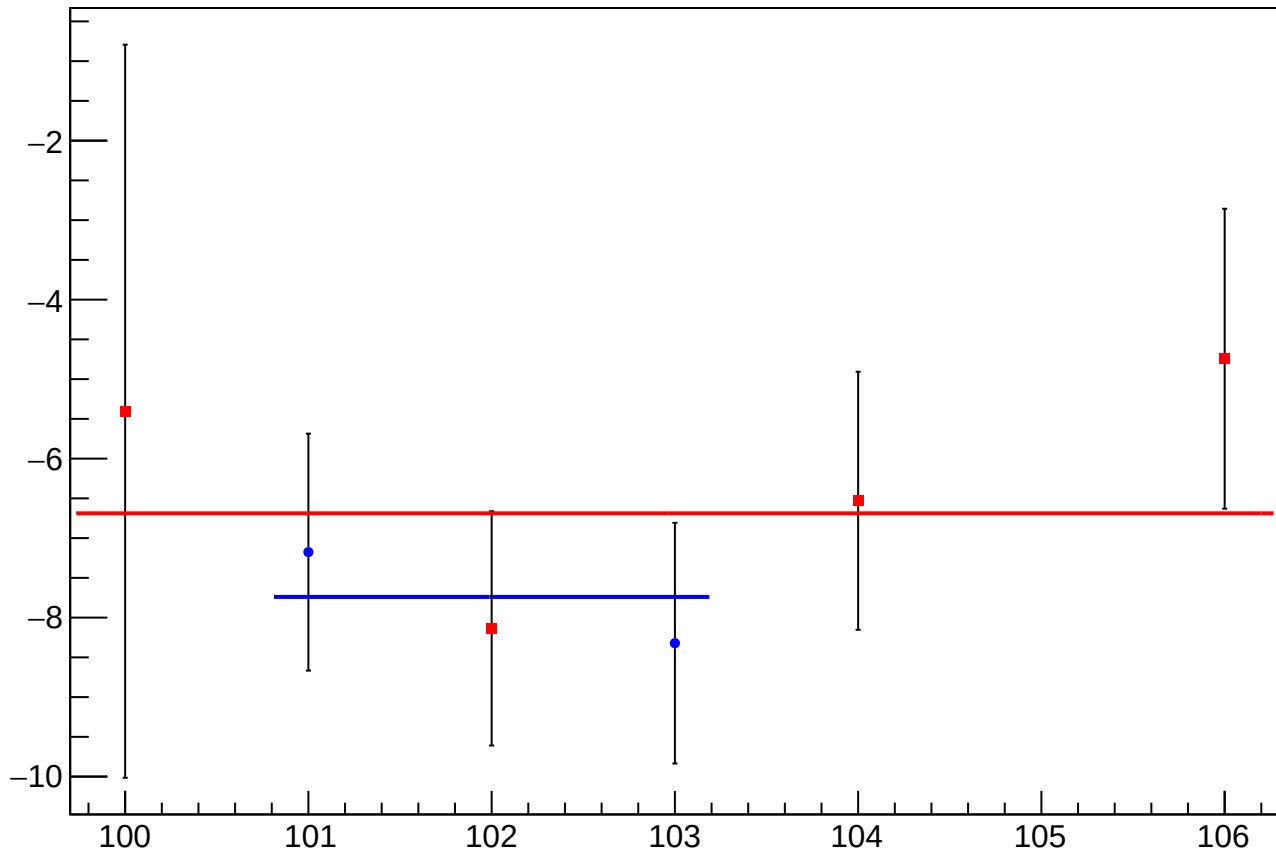
Right: 7294.755+/-3.195 χ^2/NDF : 398815.3/5

In: 8679.414+/-5.499 χ^2/NDF : 7442.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7294.755+/-3.195 χ^2/NDF : 398815.3/5

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -7.740 ± 1.062 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.688 ± 0.925 $\chi^2/\text{NDF}: 2.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

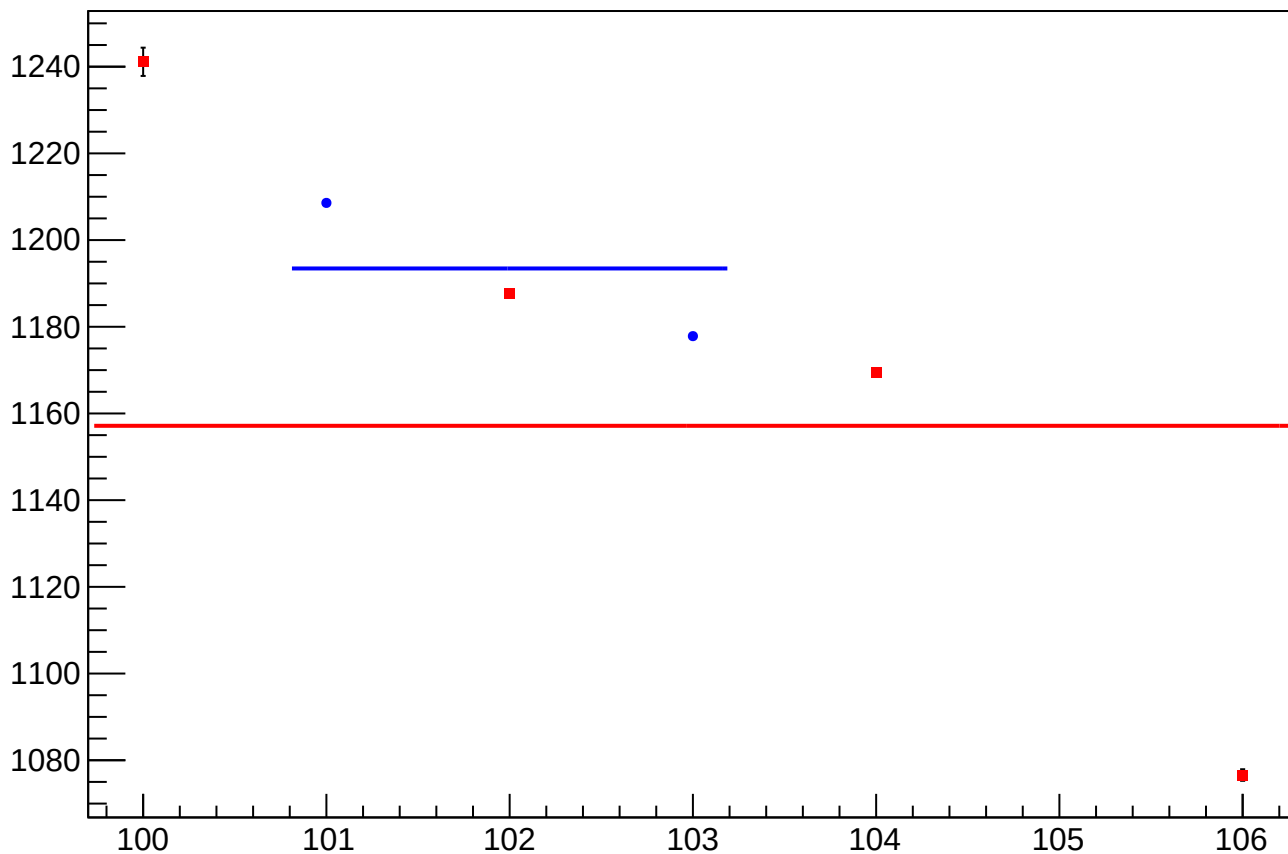
Right: -7.142 ± 0.698 $\chi^2/\text{NDF}: 3.0/5$

In: -7.740 ± 1.062 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.142 ± 0.698 $\chi^2/\text{NDF}: 3.0/5$

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1193.451 $\pm$ 0.751 χ^2 /NDF: 418.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1157.153 $\pm$ 0.654 χ^2 /NDF: 5281.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

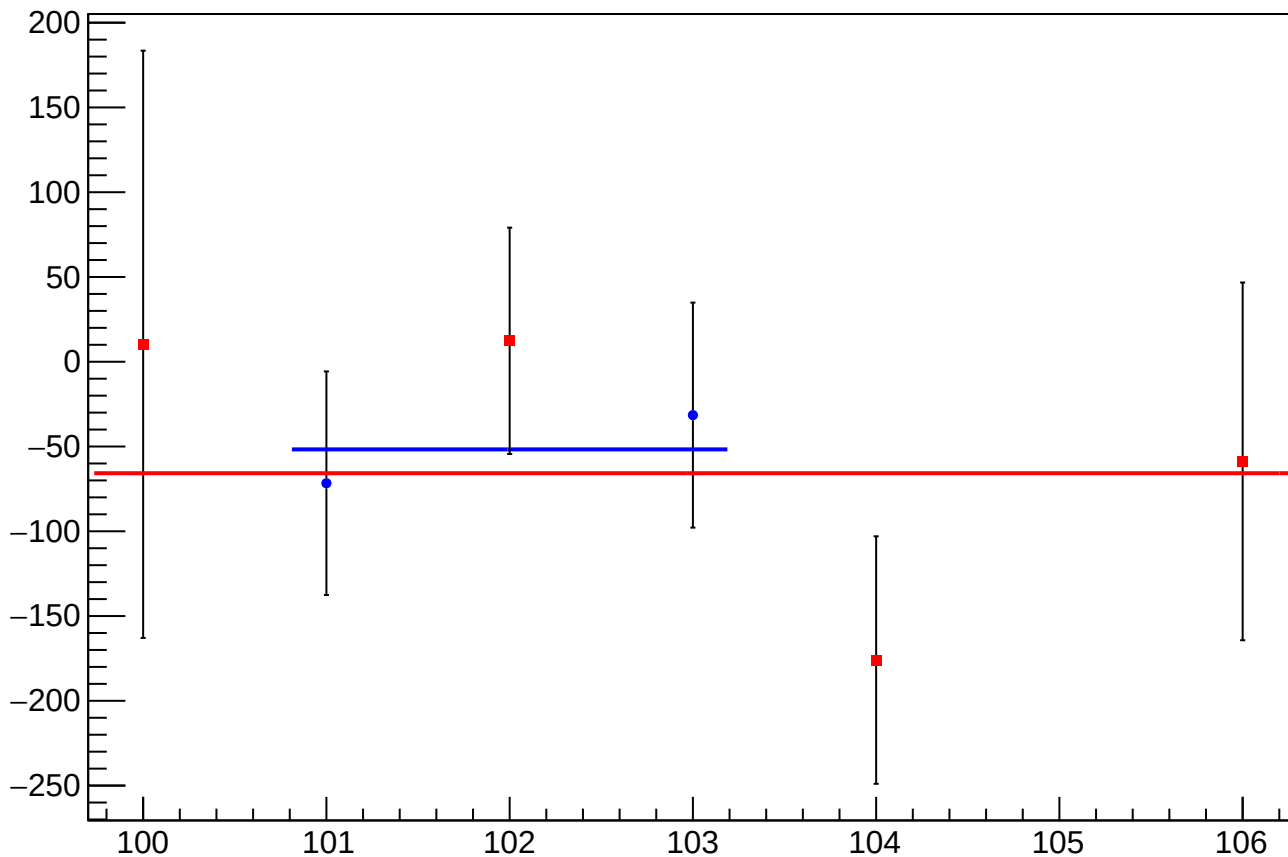
Right: 1172.813 $\pm$ 0.493 χ^2 /NDF: 7028.6/5

In: 1193.451 $\pm$ 0.751 χ^2 /NDF: 418.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1172.813 $\pm$ 0.493 χ^2 /NDF: 7028.6/5

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -51.693 $\pm$ 46.779 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -65.755 $\pm$ 43.225 χ^2 /NDF: 3.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

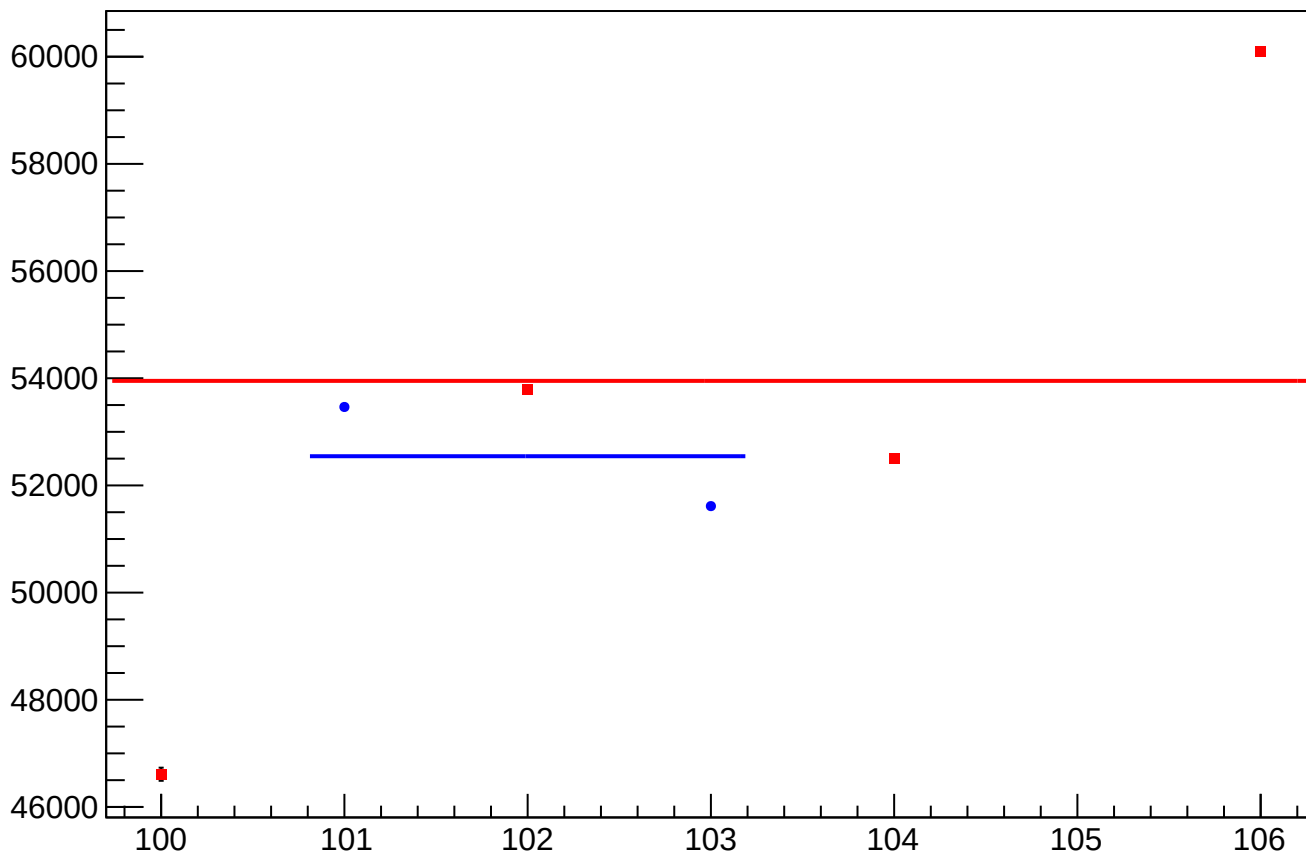
Right: -59.278 $\pm$ 31.747 χ^2 /NDF: 4.1/5

In: -51.693 $\pm$ 46.779 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -59.278 $\pm$ 31.747 χ^2 /NDF: 4.1/5

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 52544.919+/-33.078 χ^2/NDF : 782.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53950.895+/-30.564 χ^2/NDF : 11165.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

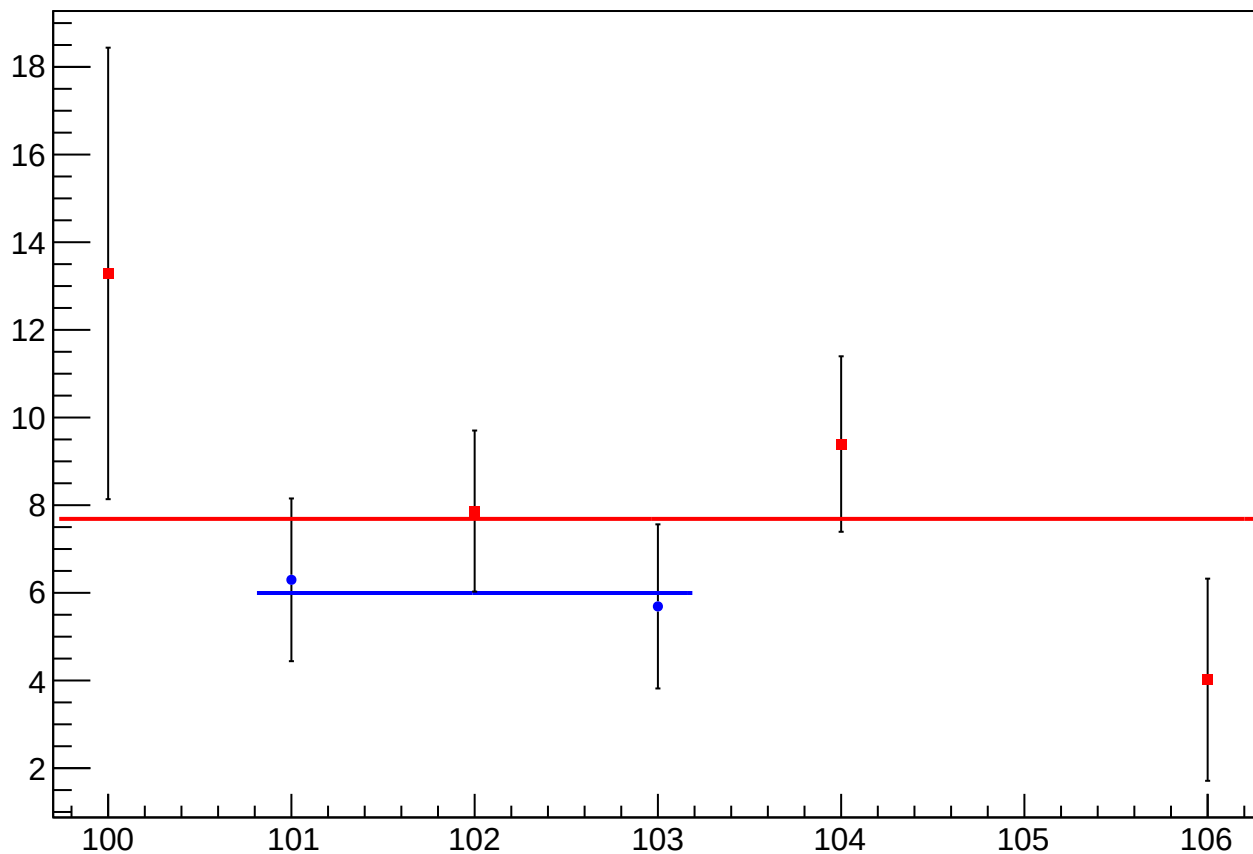
Right: 53303.340+/-22.448 χ^2/NDF : 12922.1/5

In: 52544.919+/-33.078 χ^2/NDF : 782.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53303.340+/-22.448 χ^2/NDF : 12922.1/5

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 5.996 $\pm$ 1.318 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.687 $\pm$ 1.139 χ^2 /NDF: 4.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

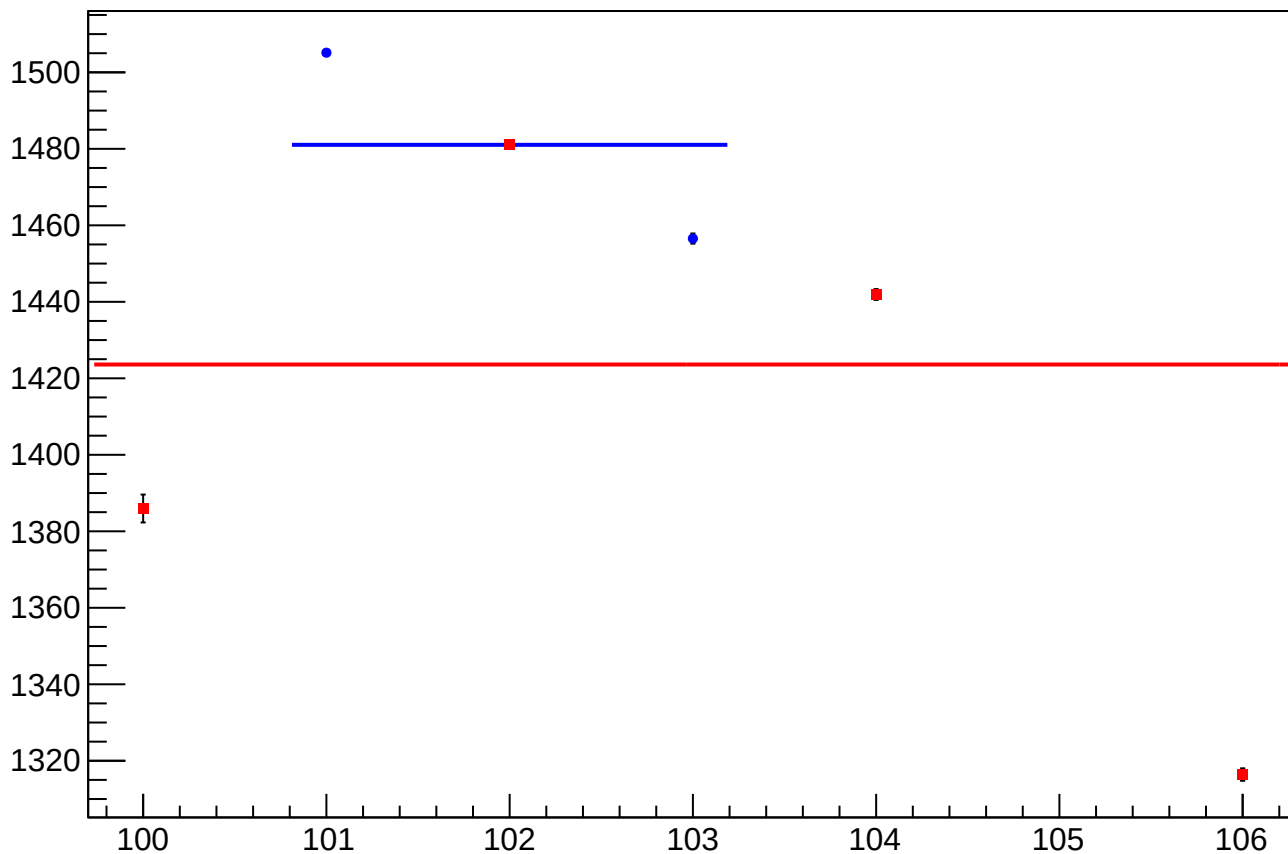
Right: 6.965 $\pm$ 0.862 χ^2 /NDF: 5.4/5

In: 5.996 $\pm$ 1.318 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.965 $\pm$ 0.862 χ^2 /NDF: 5.4/5

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1481.046 $\pm$ 0.932 χ^2 /NDF: 679.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1423.610 $\pm$ 0.805 χ^2 /NDF: 6550.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

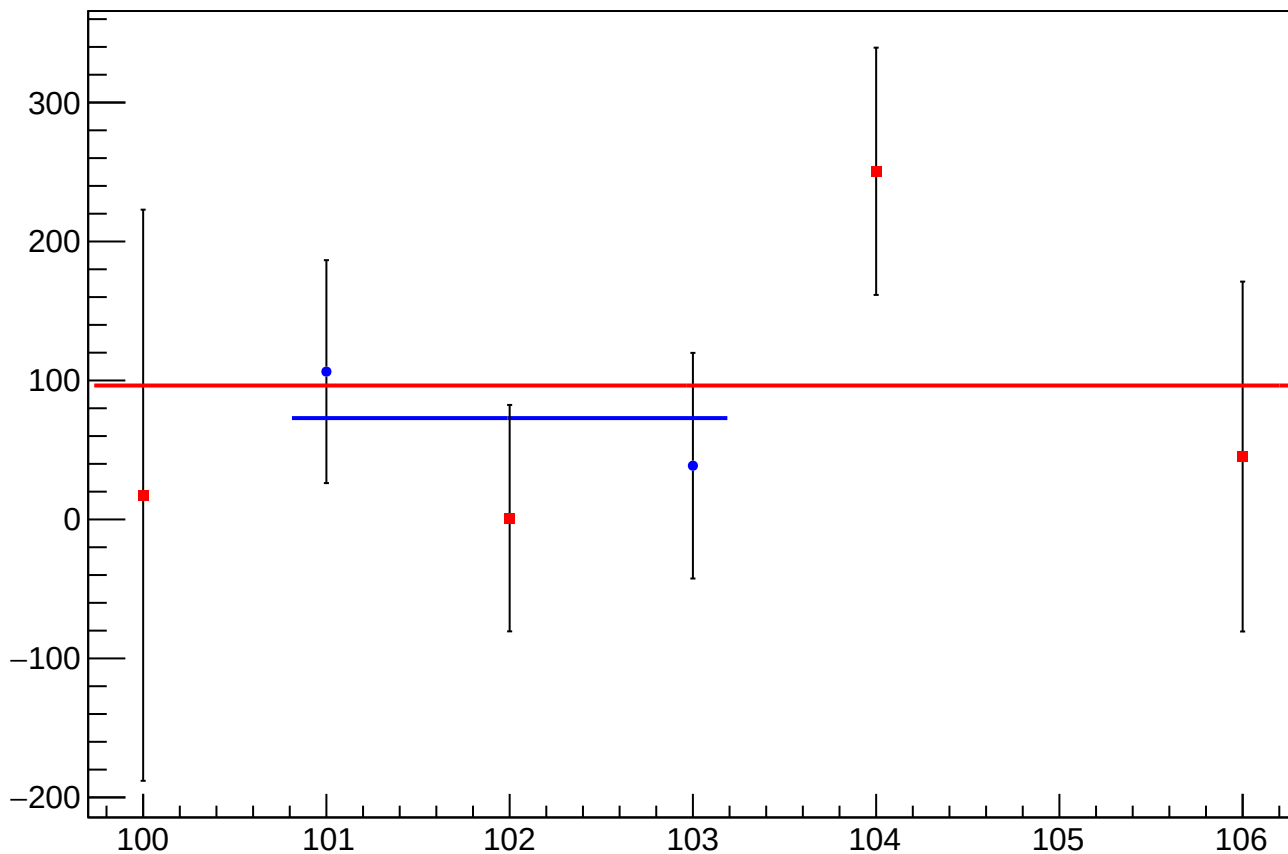
Right: 1448.149 $\pm$ 0.609 χ^2 /NDF: 9404.6/5

In: 1481.046 $\pm$ 0.932 χ^2 /NDF: 679.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1448.149 $\pm$ 0.609 χ^2 /NDF: 9404.6/5

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 72.926+/-57.054 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.375+/-52.424 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

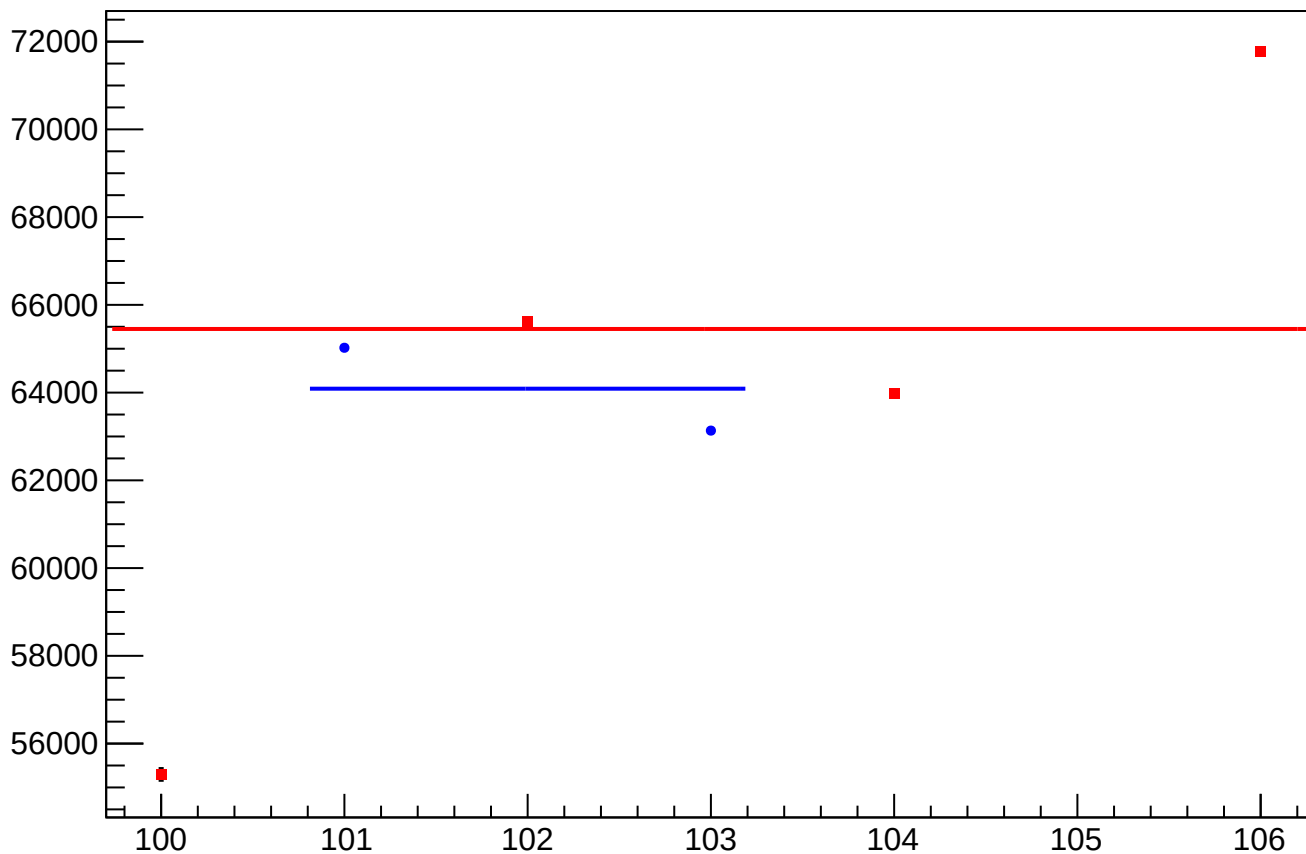
Right: 85.640+/-38.603 χ^2/NDF : 5.1/5

In: 72.926+/-57.054 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.640+/-38.603 χ^2/NDF : 5.1/5

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 64089.187 $\pm$ 40.343 χ^2 /NDF: 547.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65450.425 $\pm$ 37.069 χ^2 /NDF: 10482.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

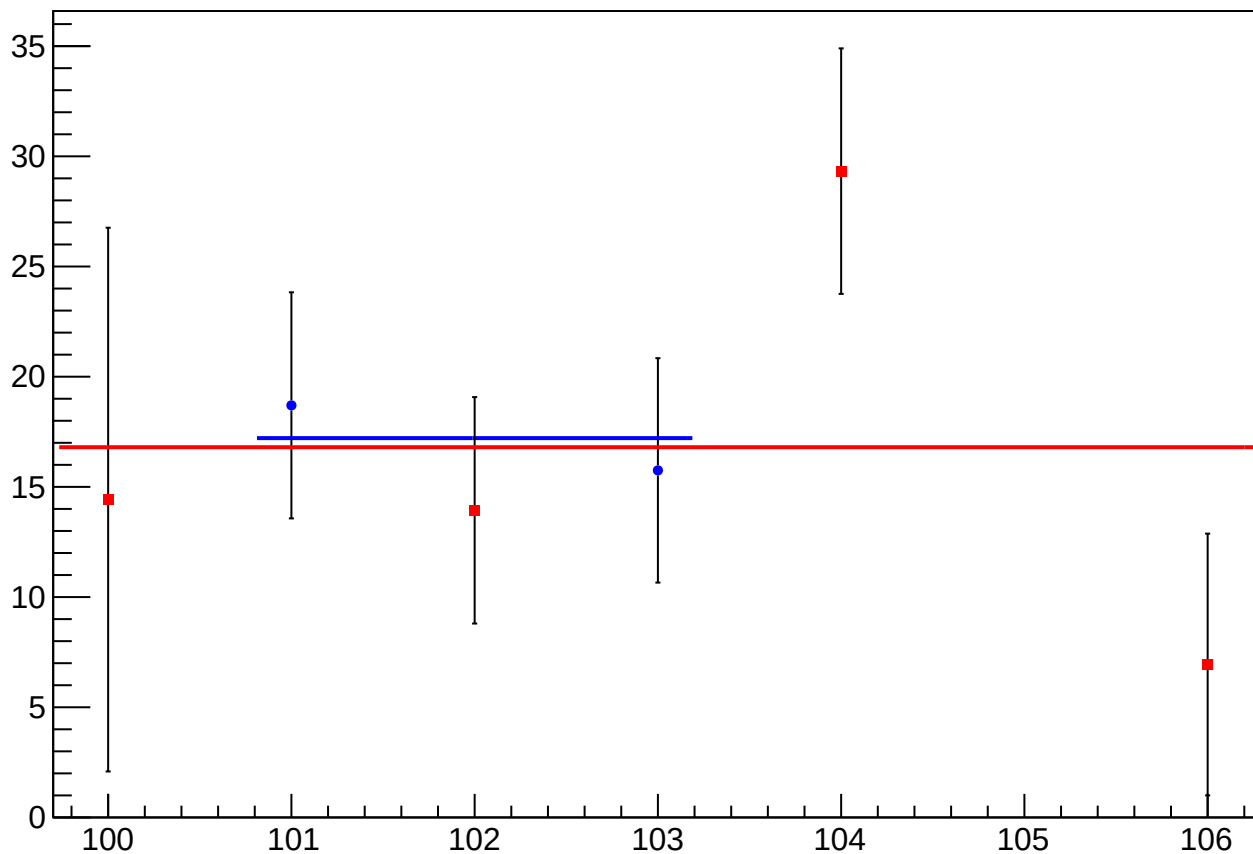
Right: 64827.267 $\pm$ 27.296 χ^2 /NDF: 11647.2/5

In: 64089.187 $\pm$ 40.343 χ^2 /NDF: 547.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64827.267 $\pm$ 27.296 χ^2 /NDF: 11647.2/5

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 17.213+/-3.614 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.800+/-3.086 χ^2/NDF : 8.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

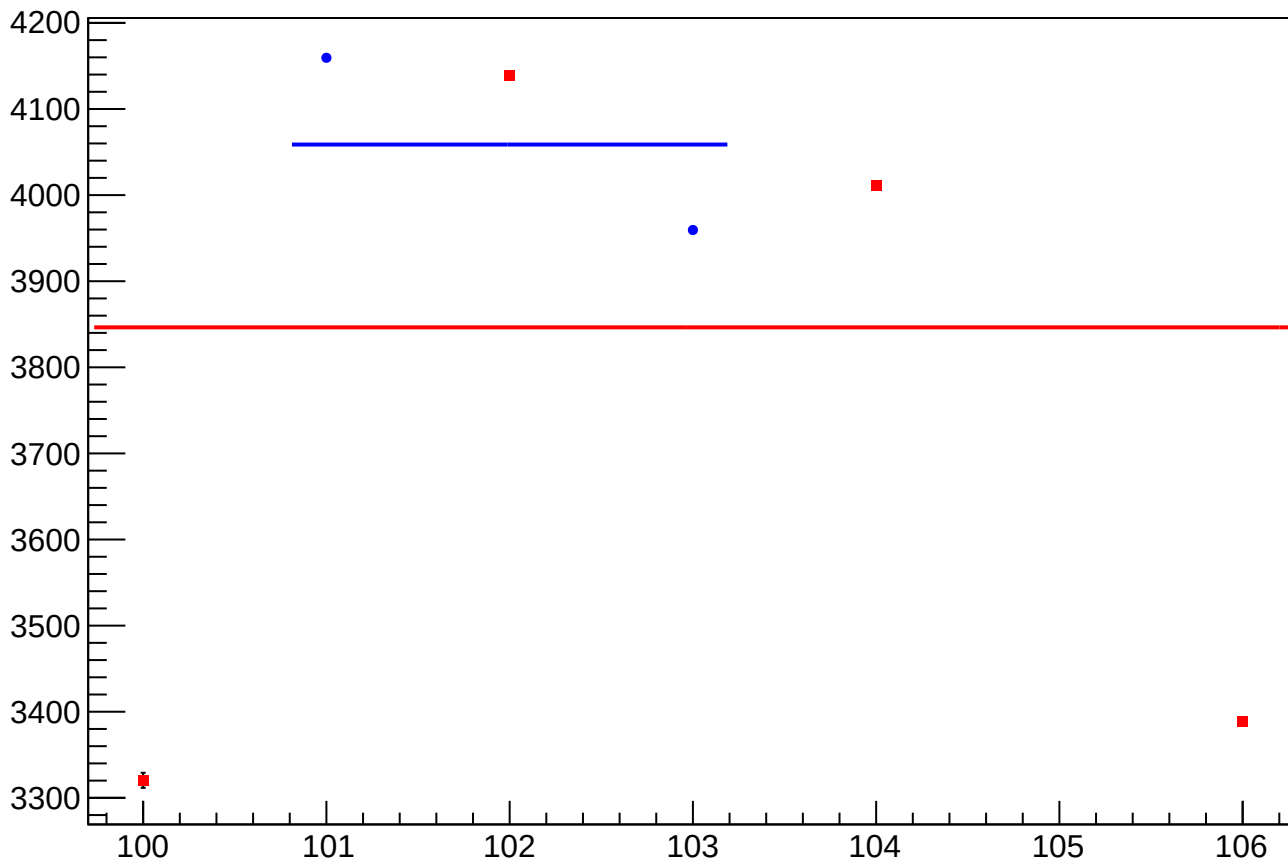
Right: 16.974+/-2.347 χ^2/NDF : 8.3/5

In: 17.213+/-3.614 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.974+/-2.347 χ^2/NDF : 8.3/5

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4058.737+/-2.555 χ^2/NDF : 1531.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3846.419+/-2.182 χ^2/NDF : 23759.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

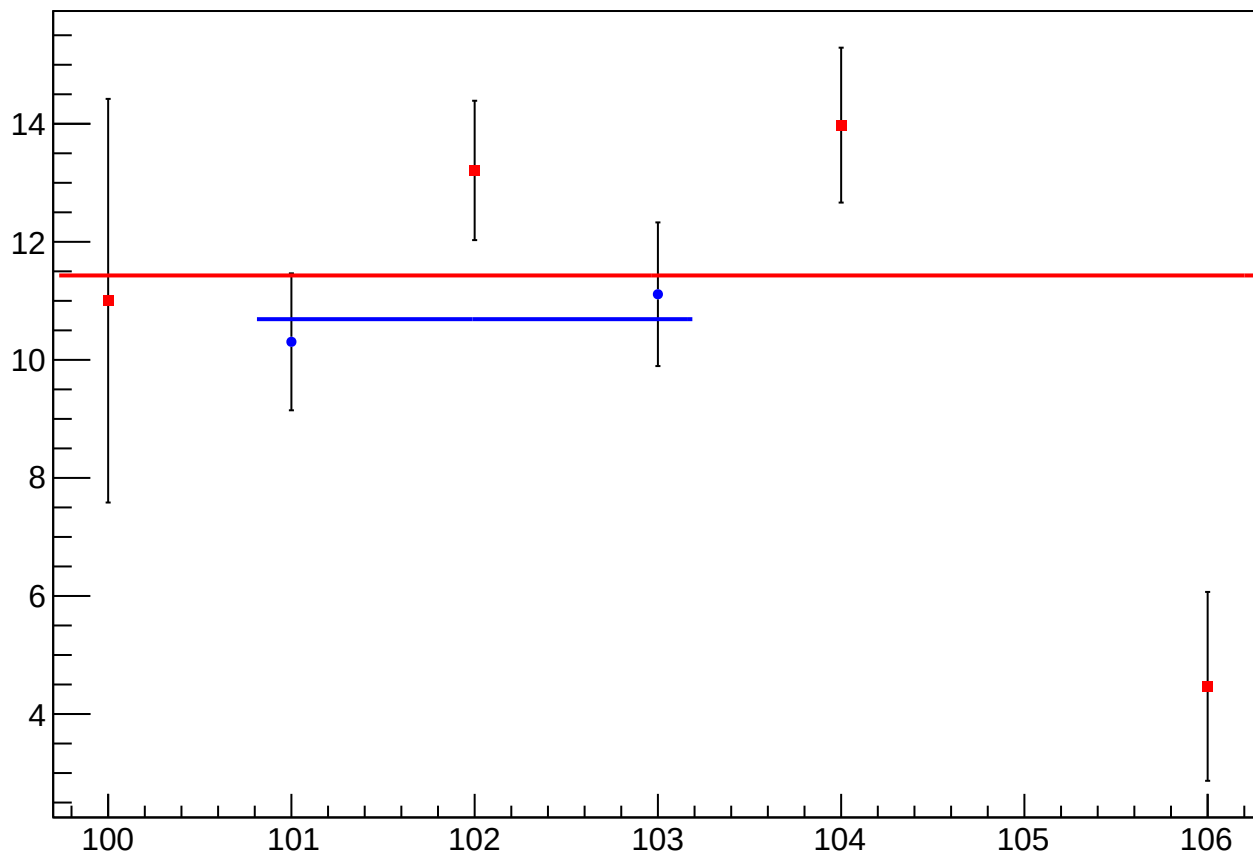
Right: 3935.937+/-1.659 χ^2/NDF : 29282.9/5

In: 4058.737+/-2.555 χ^2/NDF : 1531.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3935.937+/-1.659 χ^2/NDF : 29282.9/5

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.690 $\pm$ 0.840 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.430 $\pm$ 0.751 χ^2 /NDF: 25.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

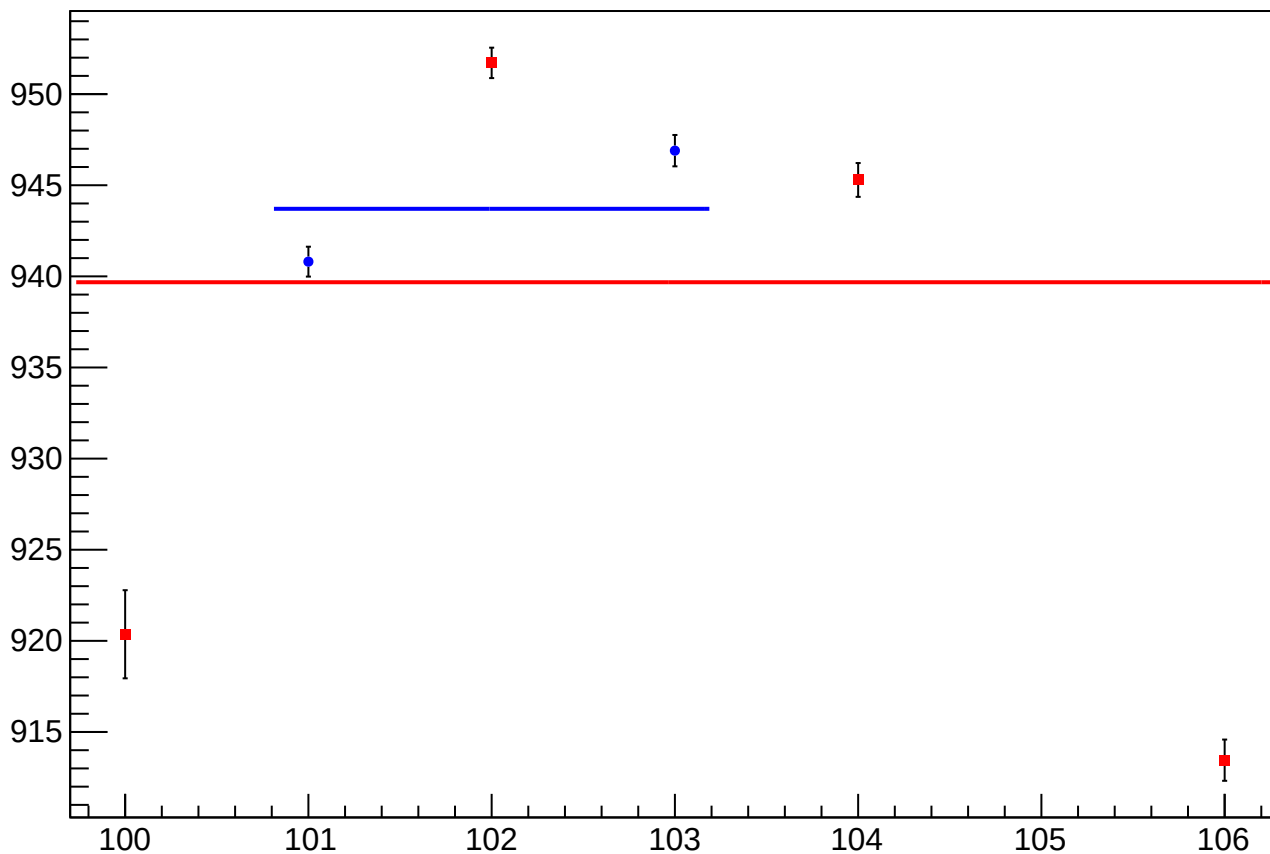
Right: 11.101 $\pm$ 0.560 χ^2 /NDF: 25.6/5

In: 10.690 $\pm$ 0.840 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.101 $\pm$ 0.560 χ^2 /NDF: 25.6/5

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 943.707 $\pm$ 0.594 χ^2 /NDF: 26.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 939.678 $\pm$ 0.531 χ^2 /NDF: 845.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

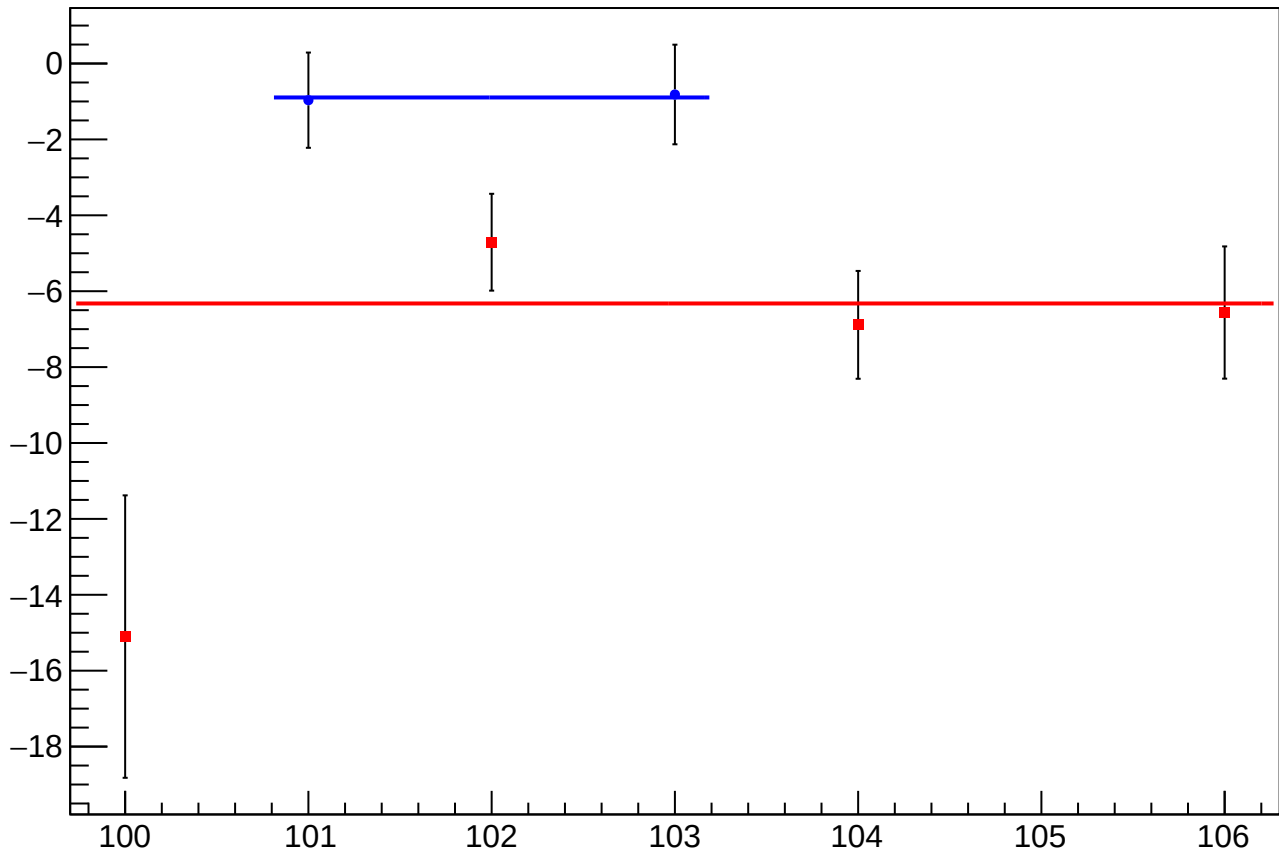
Right: 941.467 $\pm$ 0.396 χ^2 /NDF: 897.5/5

In: 943.707 $\pm$ 0.594 χ^2 /NDF:26.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 941.467 $\pm$ 0.396 χ^2 /NDF: 897.5/5

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.895 $\pm$ 0.907 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.323 $\pm$ 0.813 χ^2 /NDF: 7.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

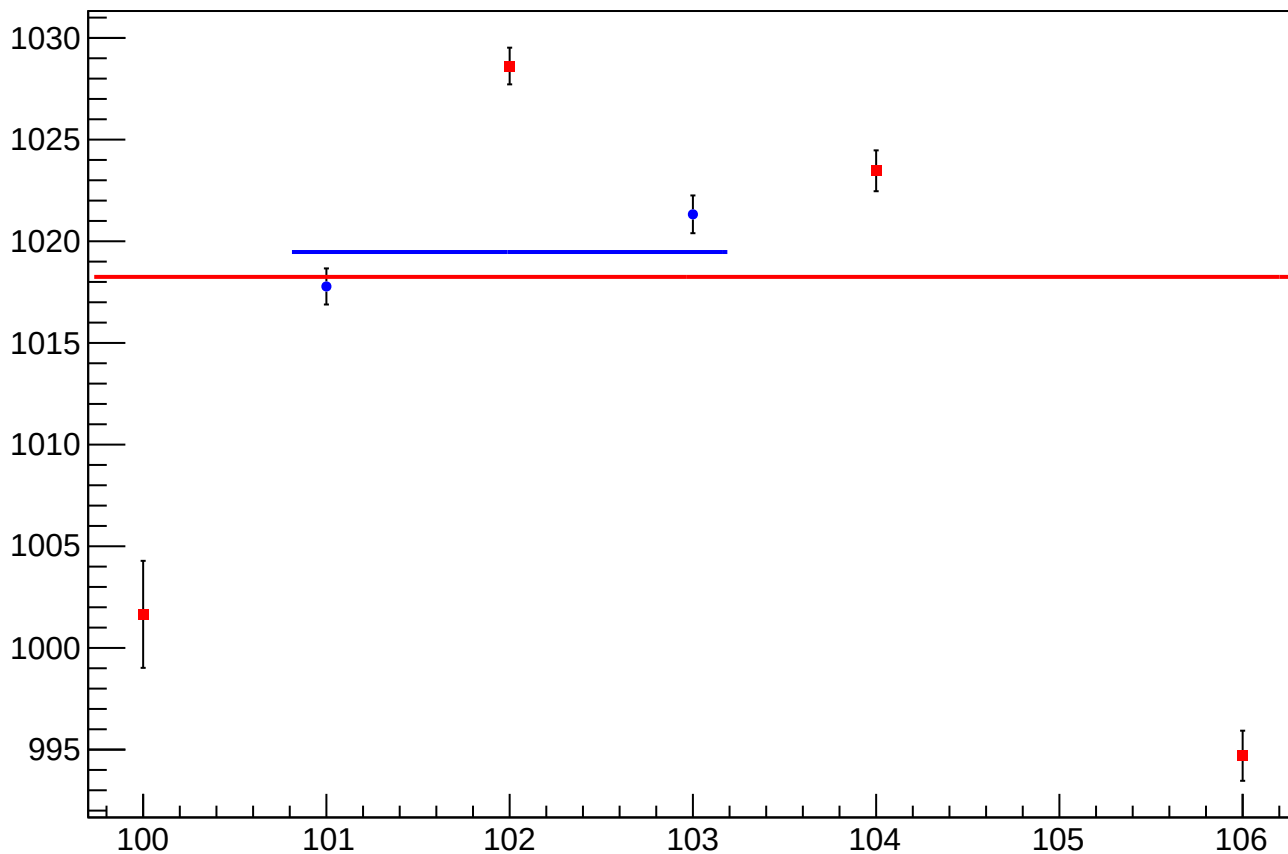
Right: -3.904 $\pm$ 0.606 χ^2 /NDF: 27.2/5

In: -0.895 $\pm$ 0.907 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.904 $\pm$ 0.606 χ^2 /NDF: 27.2/5

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1019.472 ± 0.641 χ^2/NDF : 7.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1018.248 ± 0.575 χ^2/NDF : 564.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

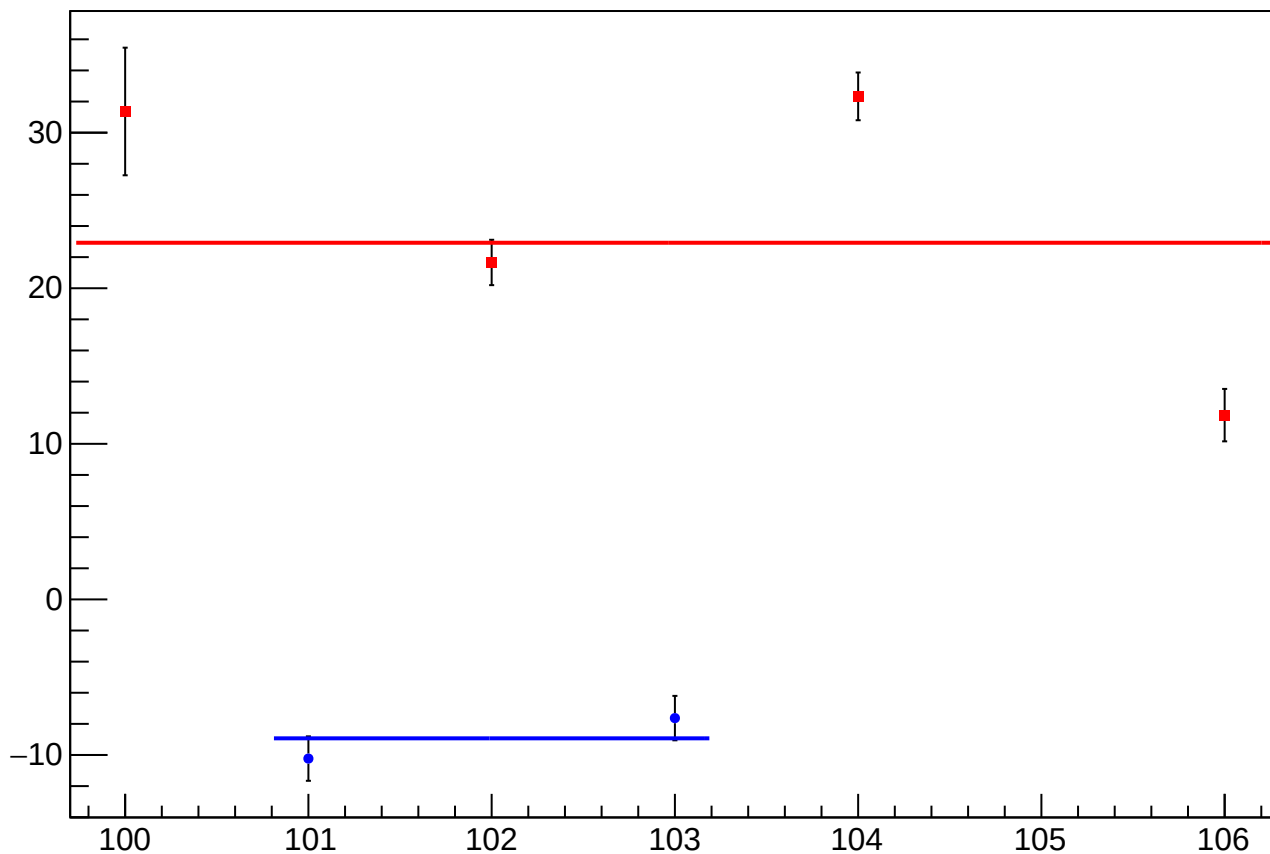
Right: 1018.794 ± 0.428 χ^2/NDF : 573.9/5

In: 1019.472 ± 0.641 χ^2/NDF : 7.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1018.794 ± 0.428 χ^2/NDF : 573.9/5

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -8.930+/-1.010 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.924+/-0.875 χ^2/NDF : 85.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

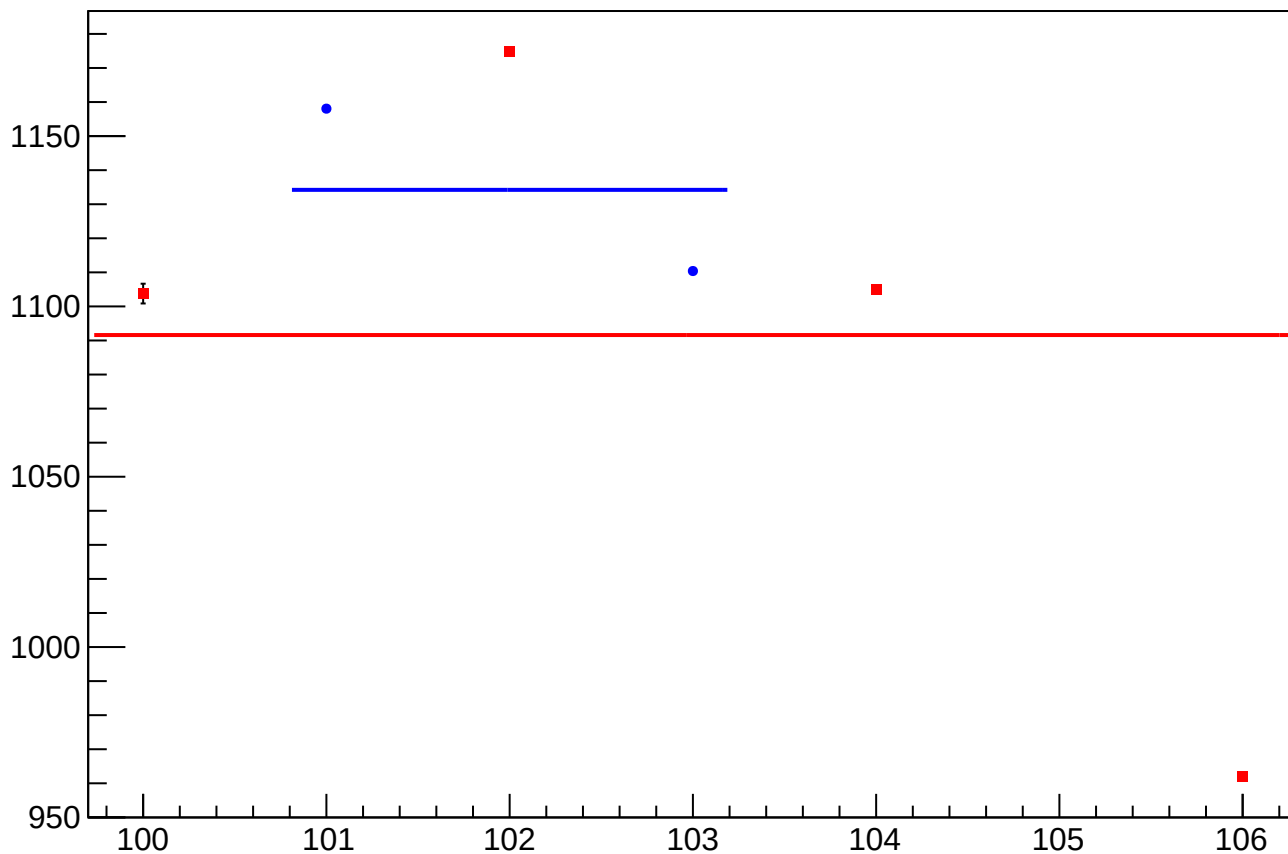
Right: 9.270+/-0.661 χ^2/NDF : 656.1/5

In: -8.930+/-1.010 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.270+/-0.661 χ^2/NDF : 656.1/5

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1134.221+/-0.714 χ^2/NDF : 1114.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.597+/-0.618 χ^2/NDF : 18555.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

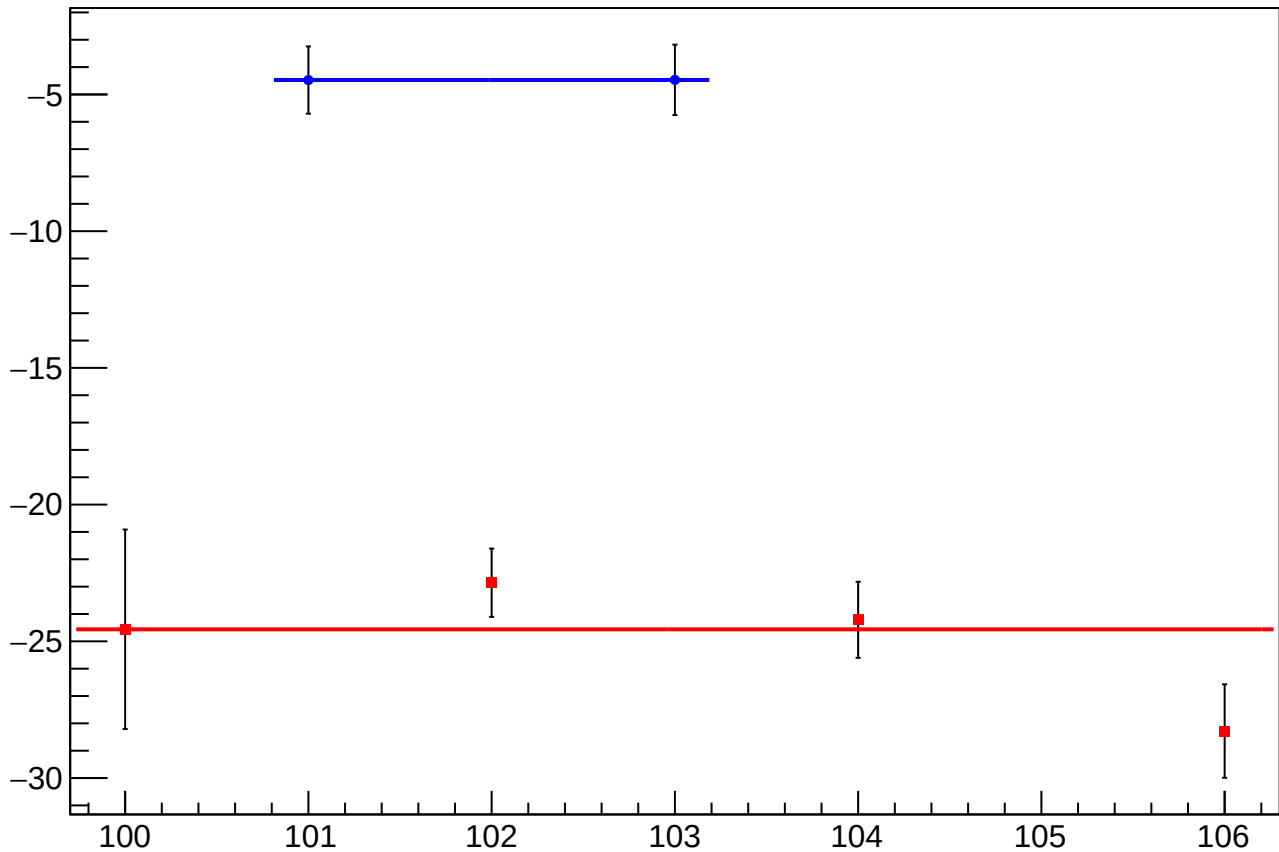
Right: 1109.869+/-0.467 χ^2/NDF : 21706.0/5

In: 1134.221+/-0.714 χ^2/NDF : 1114.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.869+/-0.467 χ^2/NDF : 21706.0/5

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -4.470 ± 0.889 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.561 ± 0.797 χ^2/NDF : 6.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

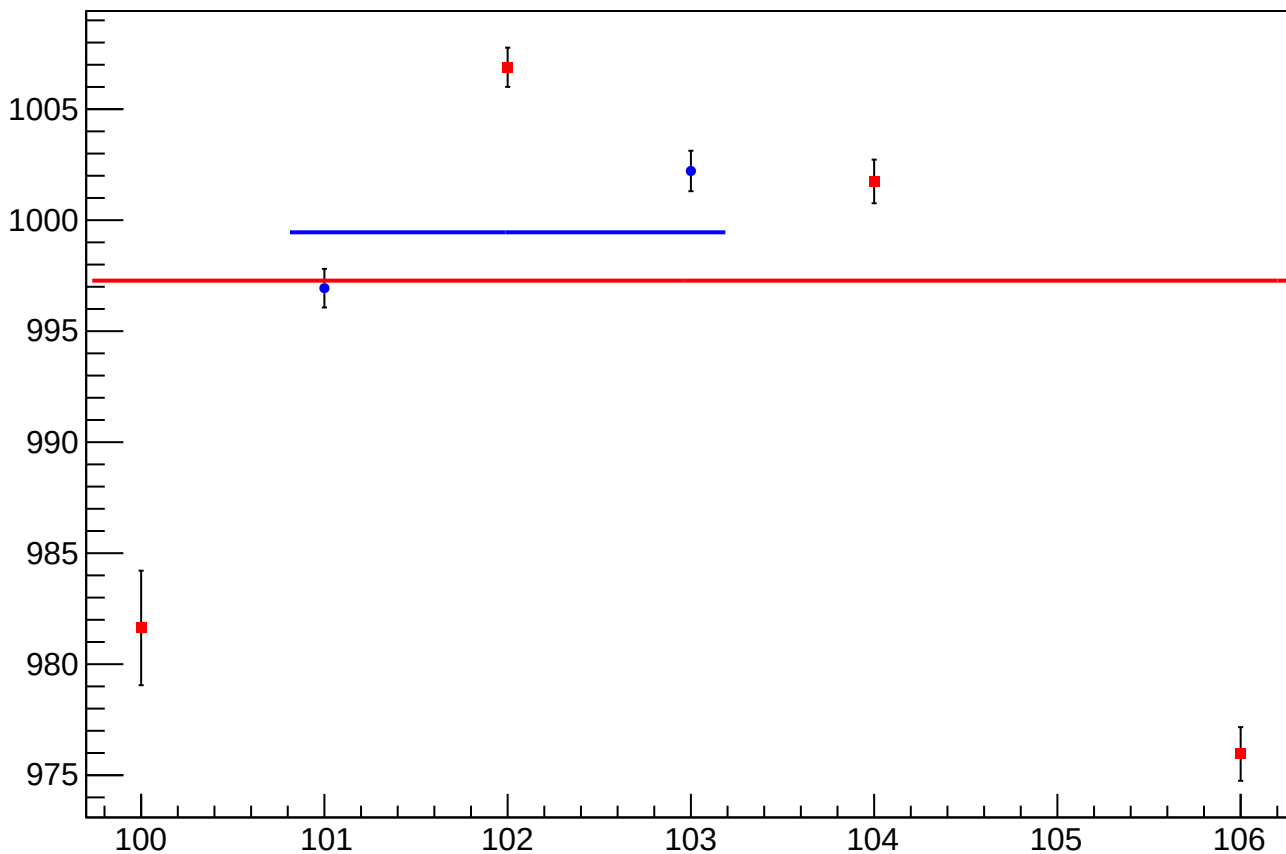
Right: -15.617 ± 0.593 χ^2/NDF : 289.8/5

In: -4.470 ± 0.889 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.617 ± 0.593 χ^2/NDF : 289.8/5

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 999.453 $\pm$ 0.629 χ^2 /NDF: 17.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 997.276 $\pm$ 0.563 χ^2 /NDF: 486.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

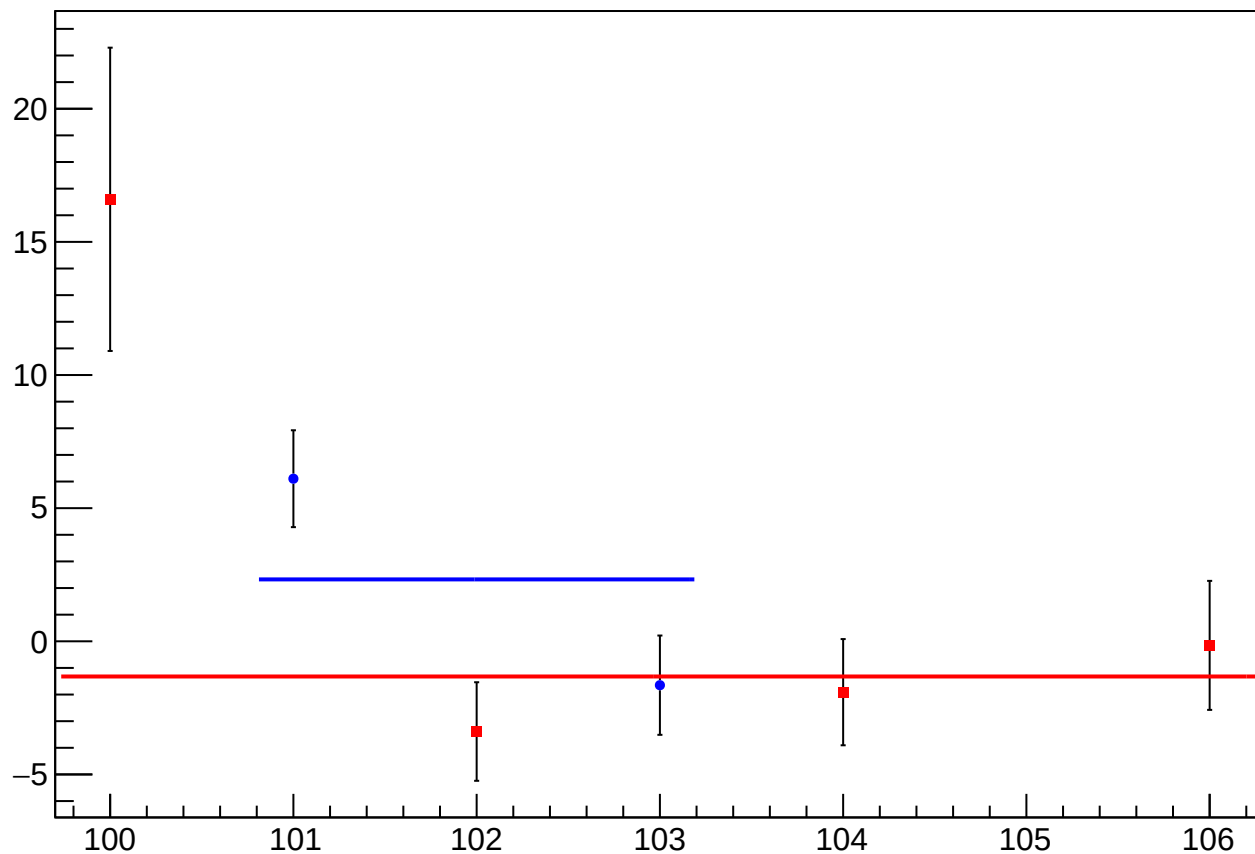
Right: 998.245 $\pm$ 0.420 χ^2 /NDF: 511.1/5

In: 999.453 $\pm$ 0.629 χ^2 /NDF: 17.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 998.245 $\pm$ 0.420 χ^2 /NDF: 511.1/5

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: 2.325+/-1.302 χ^2/NDF : 8.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.322+/-1.159 χ^2/NDF : 11.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

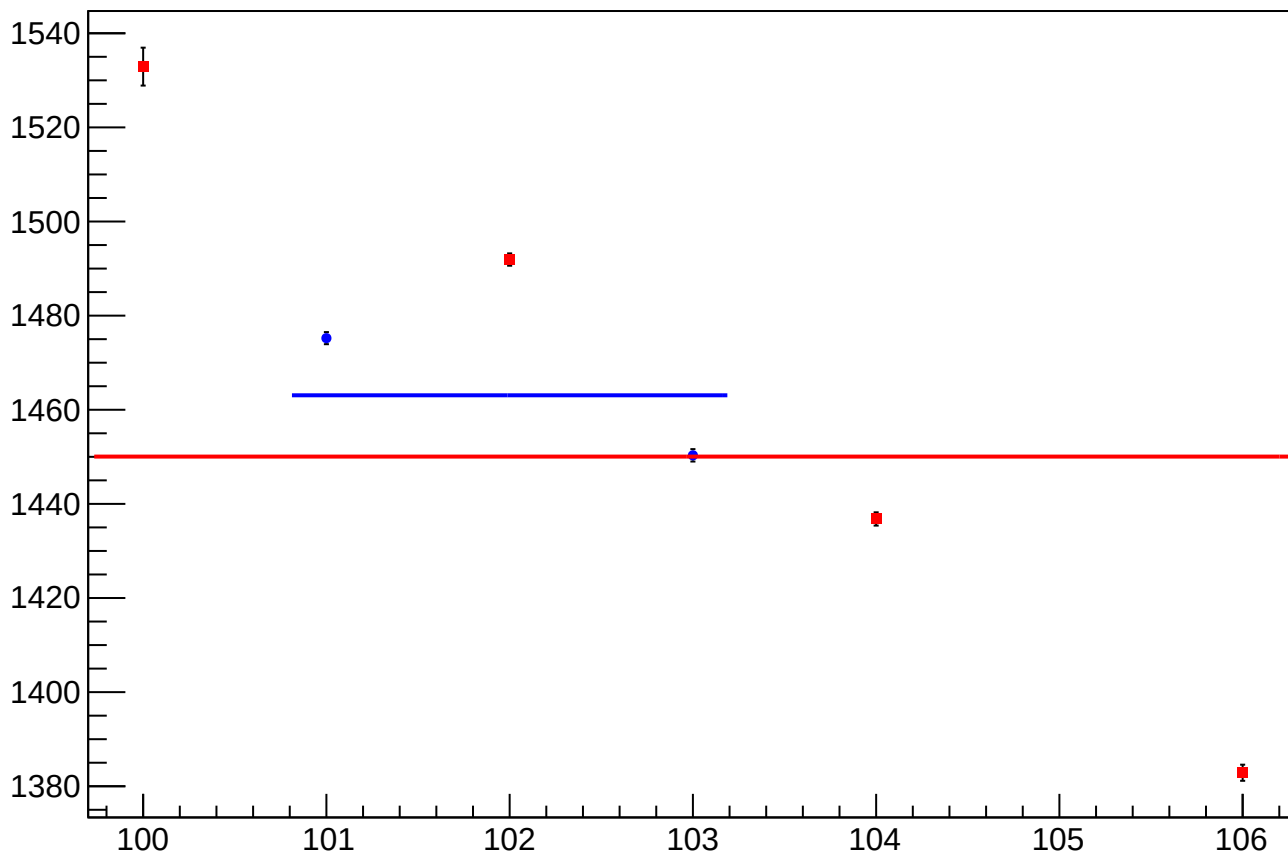
Right: 0.290+/-0.866 χ^2/NDF : 24.7/5

In: 2.325+/-1.302 χ^2/NDF : 8.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.290+/-0.866 χ^2/NDF : 24.7/5

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1463.075 $\pm$ 0.921 χ^2 /NDF: 182.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1450.051 $\pm$ 0.819 χ^2 /NDF: 3073.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

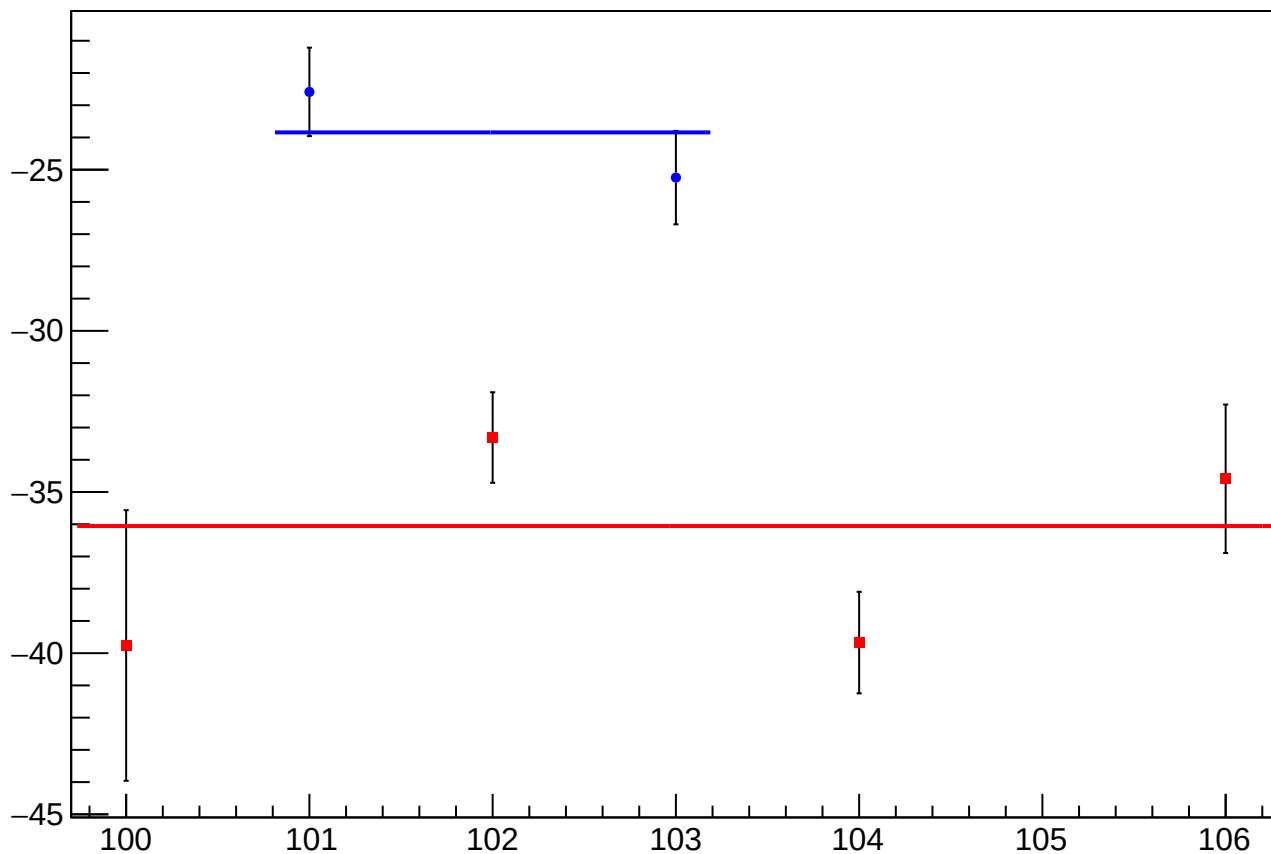
Right: 1455.808 $\pm$ 0.612 χ^2 /NDF: 3367.7/5

In: 1463.075 $\pm$ 0.921 χ^2 /NDF: 182.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1455.808 $\pm$ 0.612 χ^2 /NDF: 3367.7/5

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -23.843 ± 0.997 $\chi^2/\text{NDF}: 1.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.055 ± 0.930 $\chi^2/\text{NDF}: 10.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

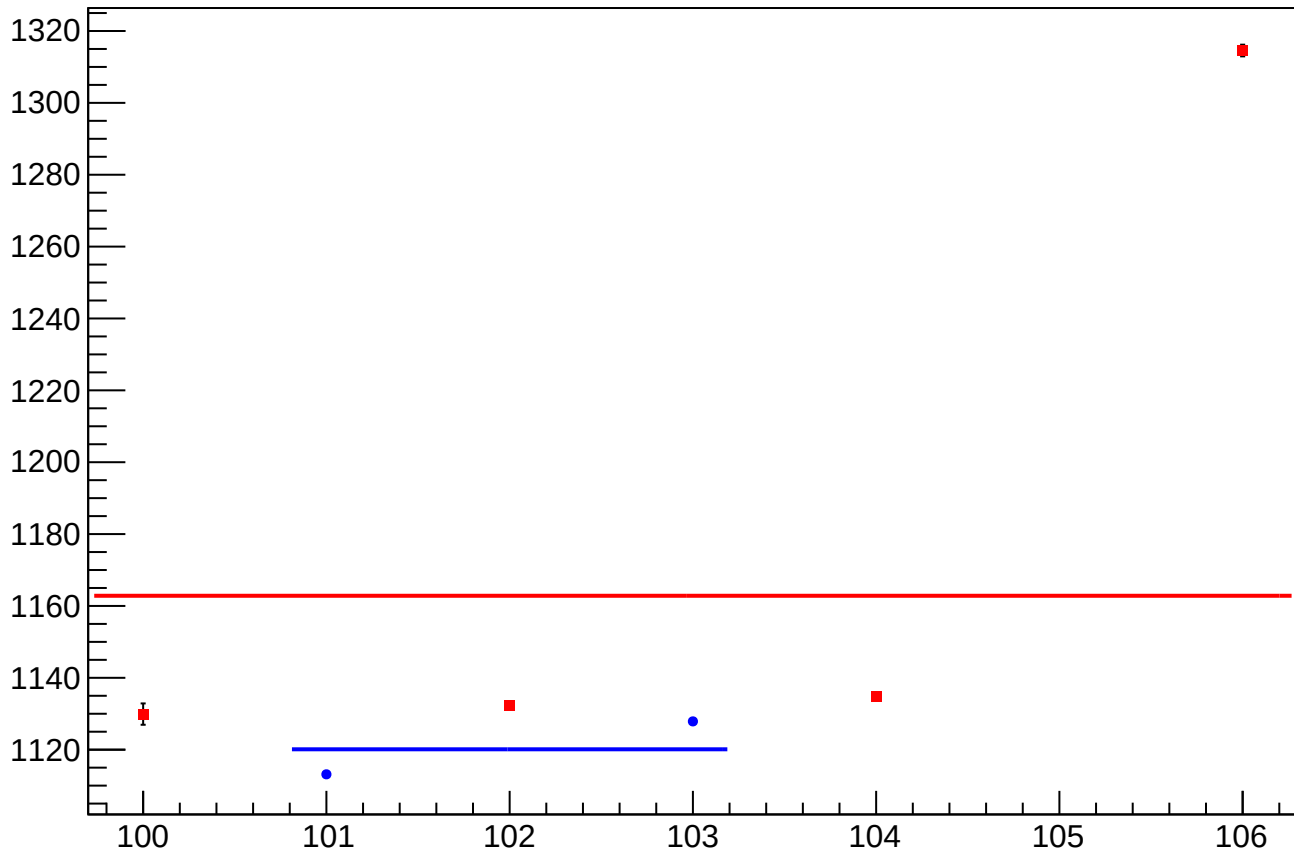
Right: -30.370 ± 0.680 $\chi^2/\text{NDF}: 92.3/5$

In: -23.843 ± 0.997 $\chi^2/\text{NDF}: 1.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.370 ± 0.680 $\chi^2/\text{NDF}: 92.3/5$

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1120.107+/-0.705 χ^2/NDF : 108.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.832+/-0.658 χ^2/NDF : 10379.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

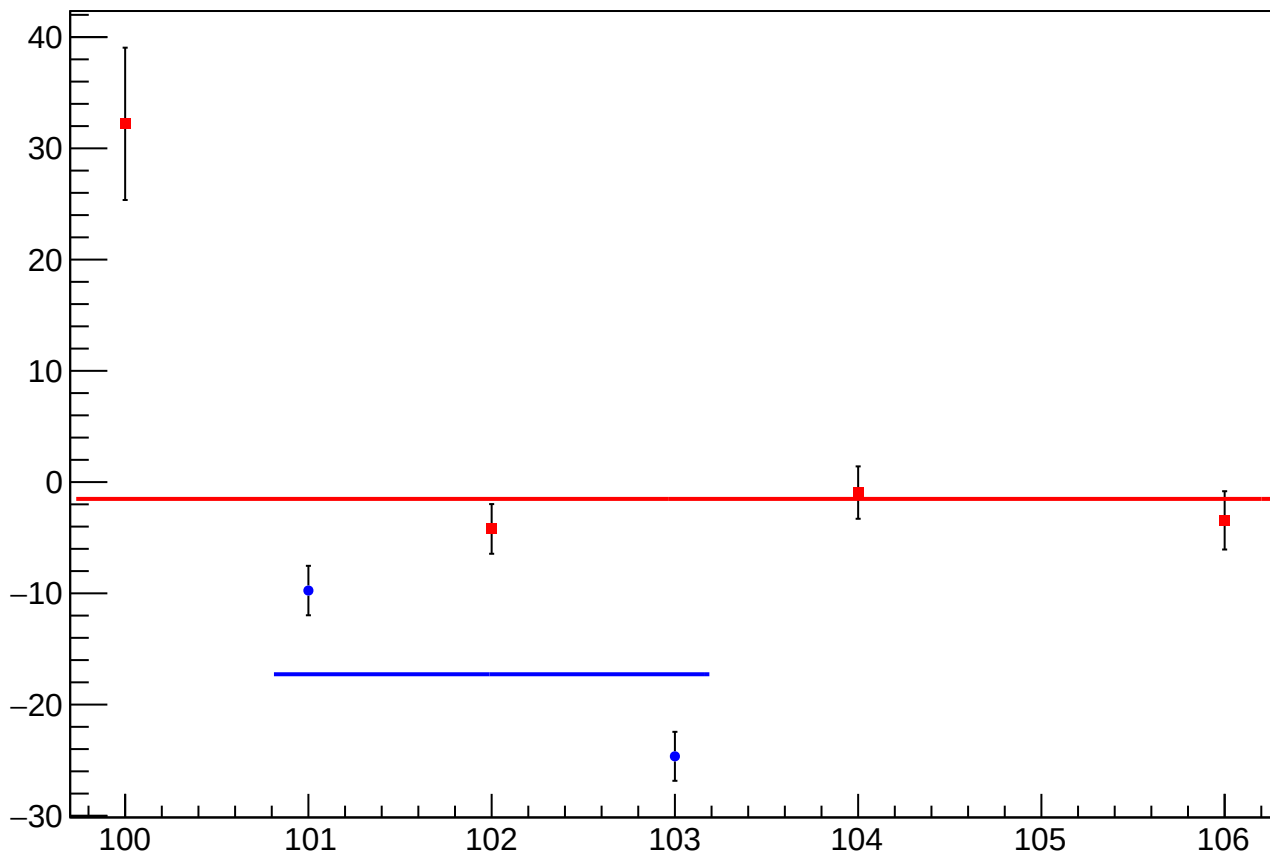
Right: 1142.940+/-0.481 χ^2/NDF : 12452.1/5

In: 1120.107+/-0.705 χ^2/NDF : 108.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1142.940+/-0.481 χ^2/NDF : 12452.1/5

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -17.274 $\pm$ 1.564 χ^2 /NDF: 22.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.512 $\pm$ 1.351 χ^2 /NDF: 26.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

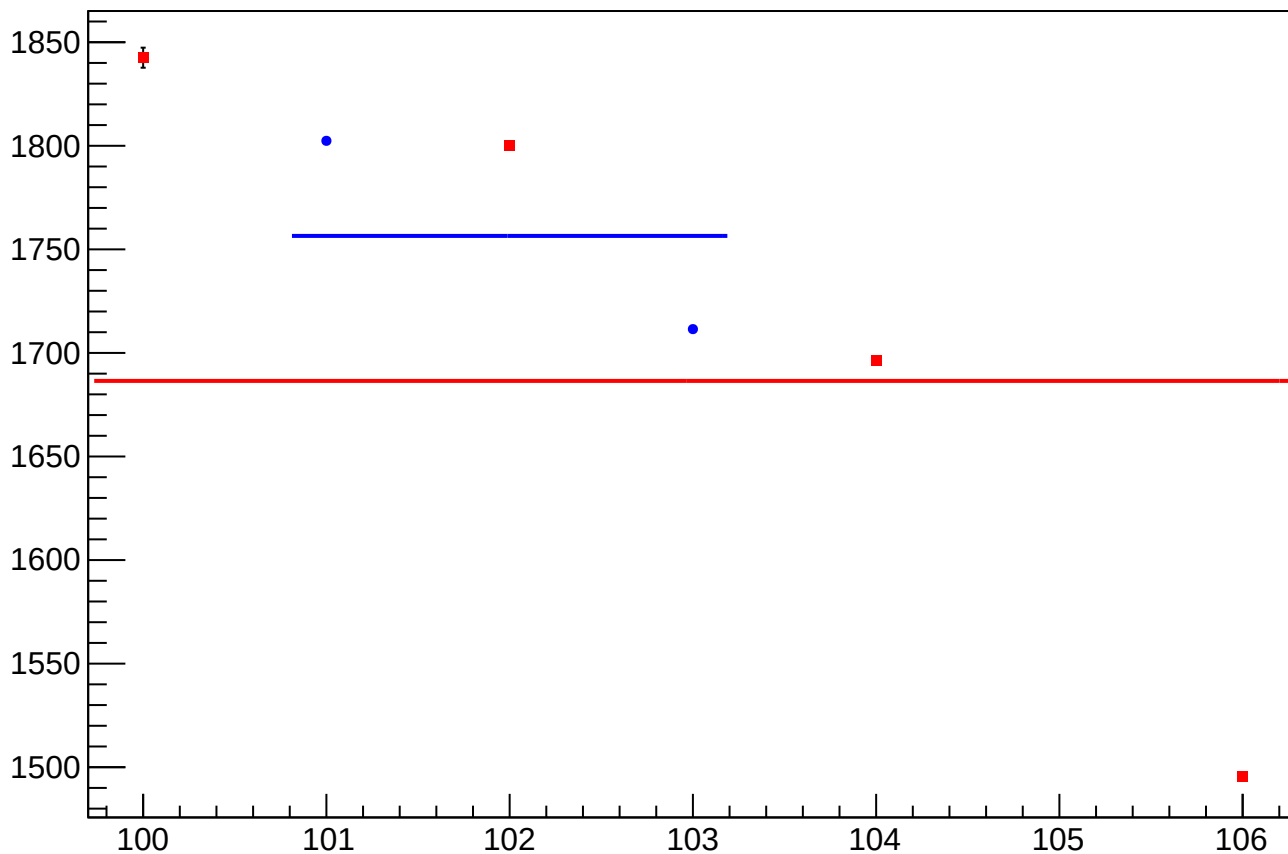
Right: -8.248 $\pm$ 1.022 χ^2 /NDF: 107.2/5

In: -17.274 $\pm$ 1.564 χ^2 /NDF:22.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.248 $\pm$ 1.022 χ^2 /NDF: 107.2/5

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1756.497+/-1.106 χ^2/NDF : 1689.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1686.497+/-0.955 χ^2/NDF : 16882.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

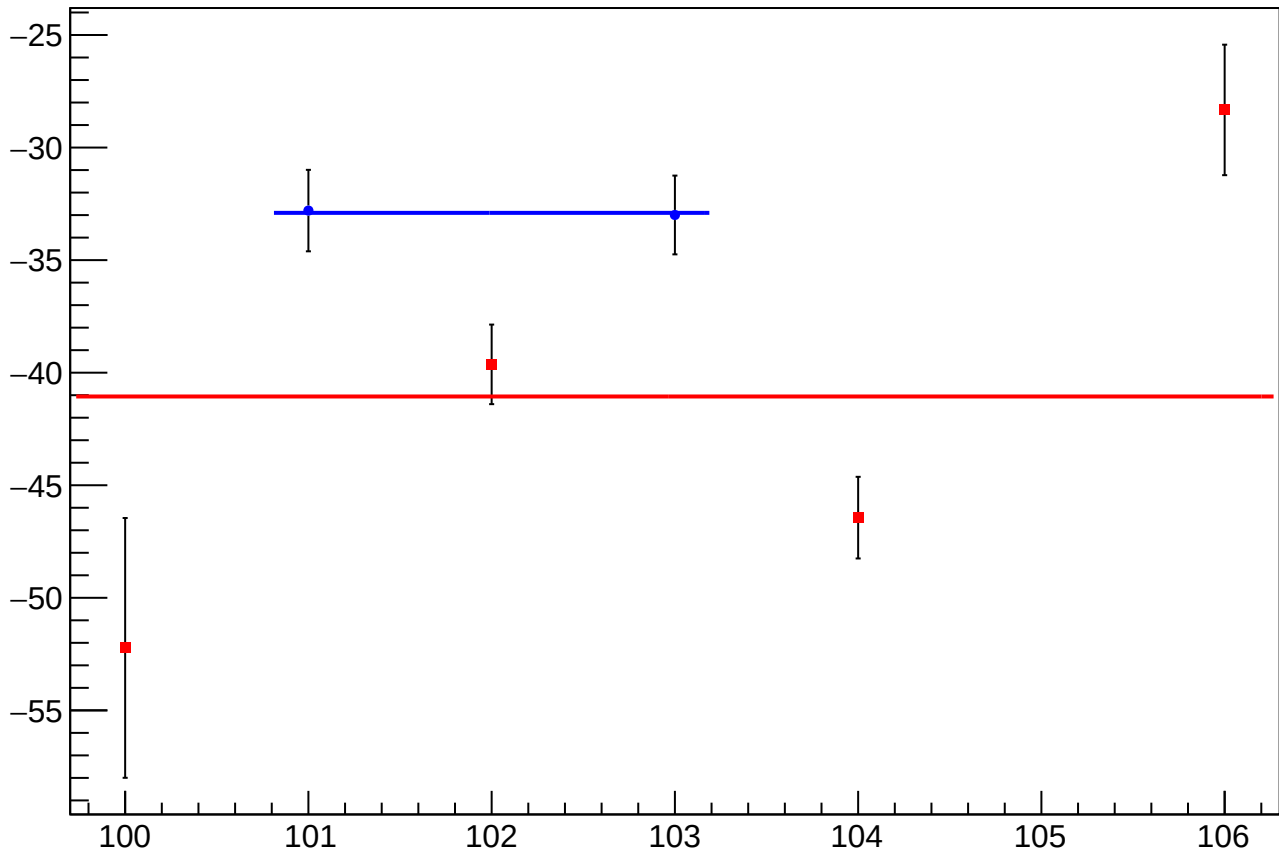
Right: 1716.415+/-0.723 χ^2/NDF : 20866.2/5

In: 1756.497+/-1.106 χ^2/NDF : 1689.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1716.415+/-0.723 χ^2/NDF : 20866.2/5

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -32.900 $\pm$ 1.258 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -41.057 $\pm$ 1.137 χ^2 /NDF: 32.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

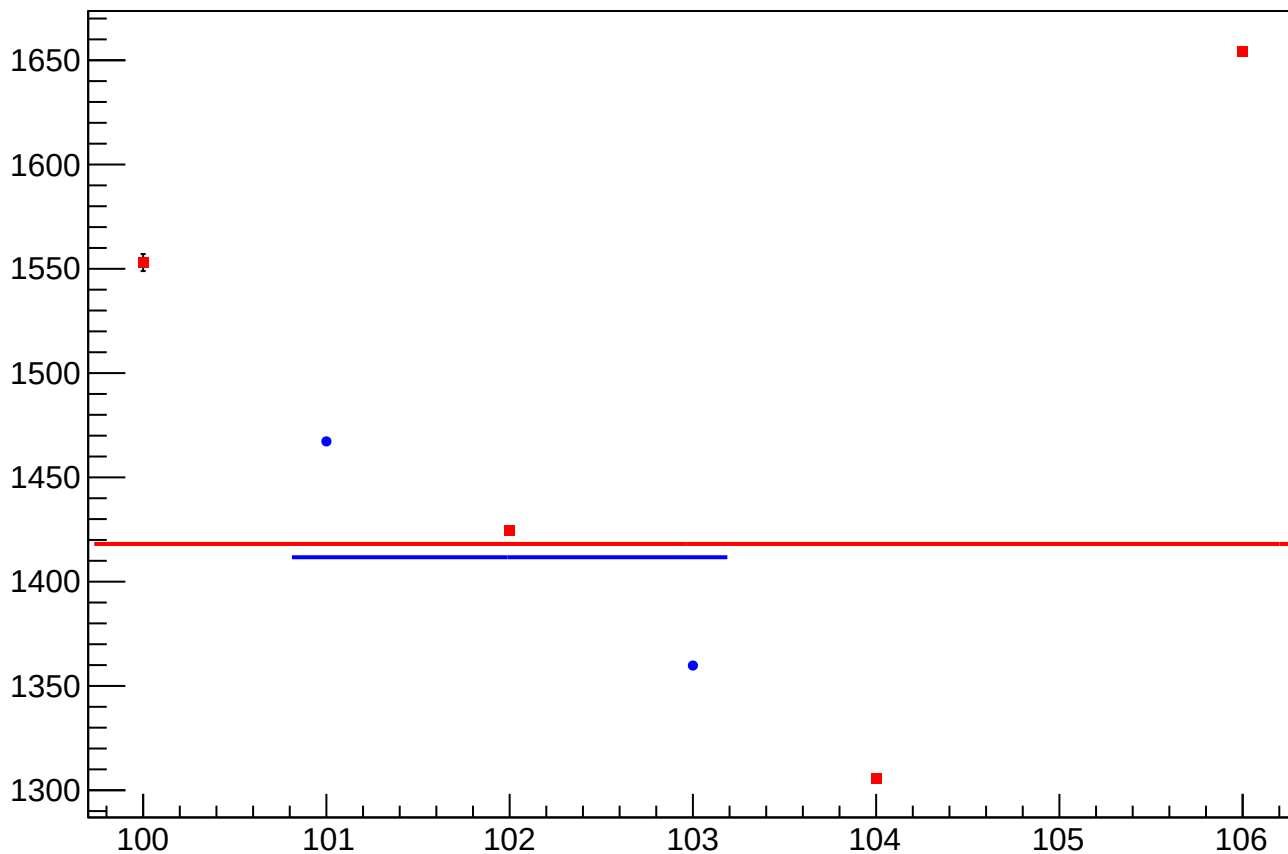
Right: -37.388 $\pm$ 0.843 χ^2 /NDF: 55.6/5

In: -32.900 $\pm$ 1.258 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.388 $\pm$ 0.843 χ^2 /NDF: 55.6/5

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1411.704 $\pm$ 0.889 χ^2 /NDF: 3646.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1418.080 $\pm$ 0.804 χ^2 /NDF: 22034.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

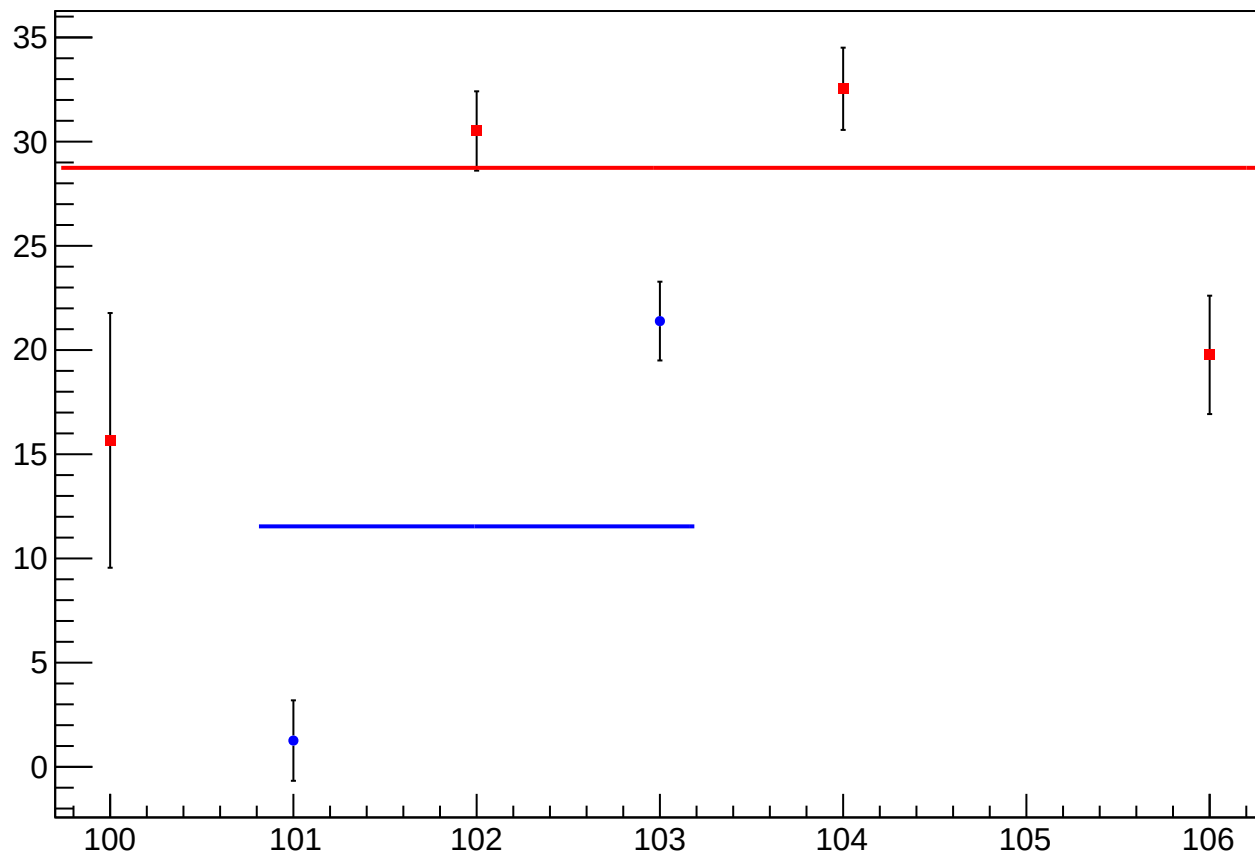
Right: 1415.212 $\pm$ 0.596 χ^2 /NDF: 25709.5/5

In: 1411.704 $\pm$ 0.889 χ^2 /NDF: 3646.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1415.212 $\pm$ 0.596 χ^2 /NDF: 25709.5/5

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 11.539+/-1.350 χ^2/NDF : 55.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.743+/-1.209 χ^2/NDF : 19.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

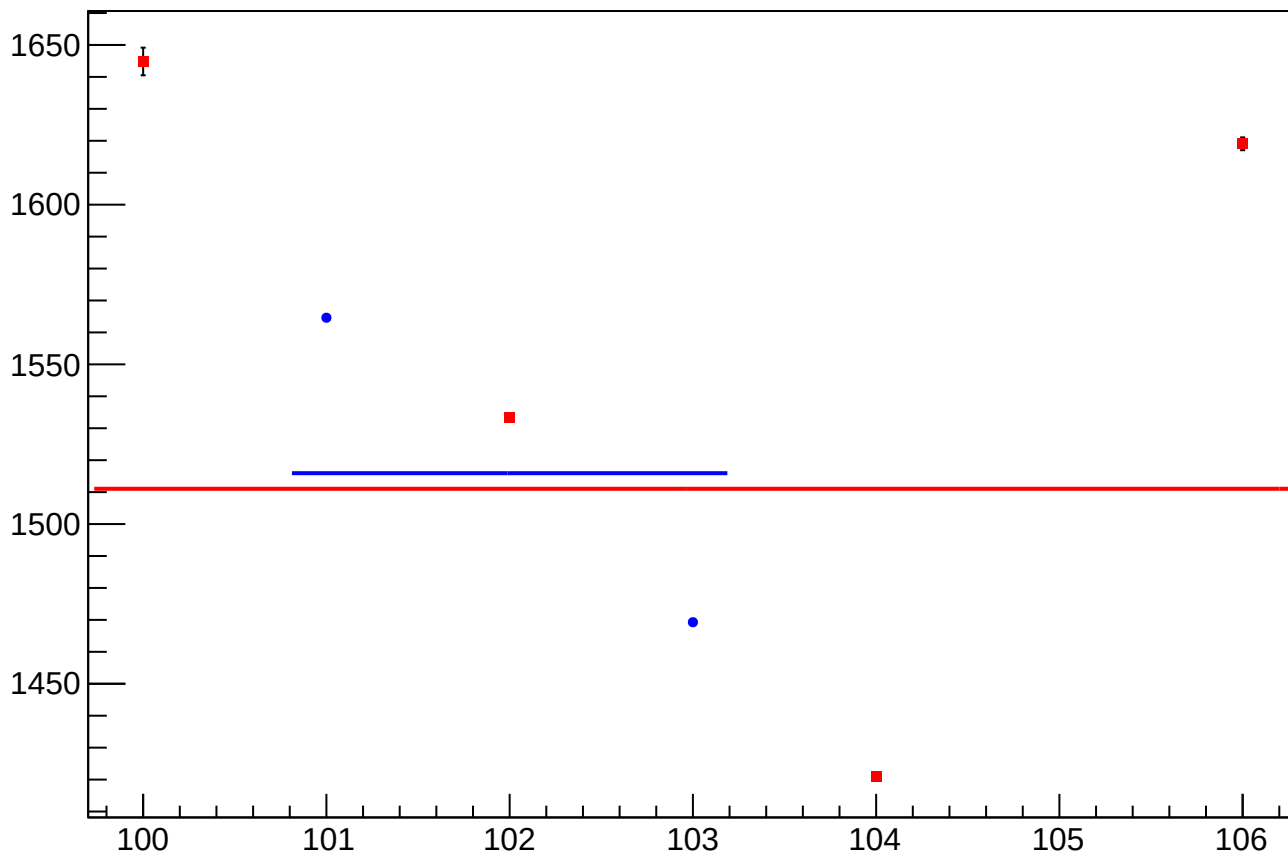
Right: 21.086+/-0.901 χ^2/NDF : 164.7/5

In: 11.539+/-1.350 χ^2/NDF : 55.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.086+/-0.901 χ^2/NDF : 164.7/5

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1515.925+/-0.955 χ^2/NDF : 2490.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1511.053+/-0.855 χ^2/NDF : 8289.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

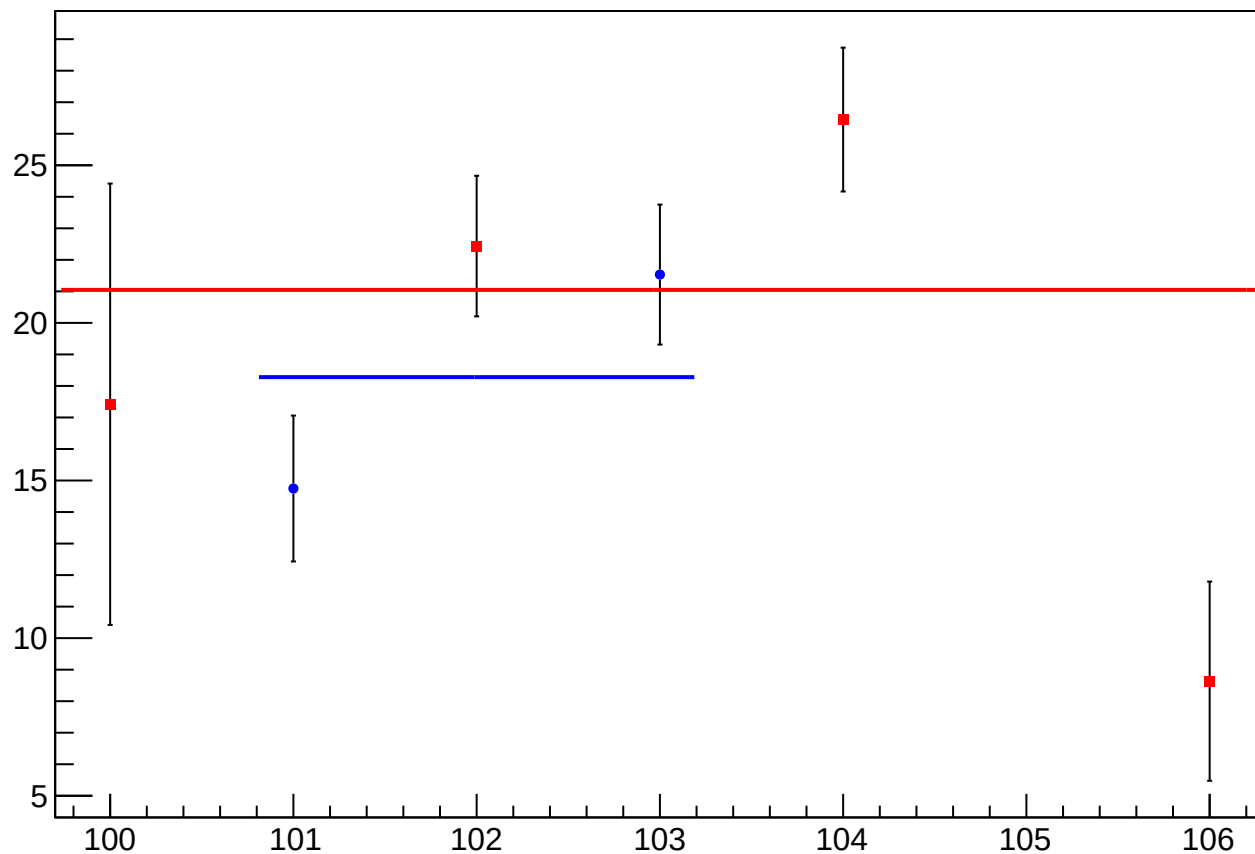
Right: 1513.222+/-0.637 χ^2/NDF : 10794.9/5

In: 1515.925+/-0.955 χ^2/NDF : 2490.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1513.222+/-0.637 χ^2/NDF : 10794.9/5

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 18.279+/-1.602 χ^2 /NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 21.047+/-1.395 χ^2 /NDF: 21.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

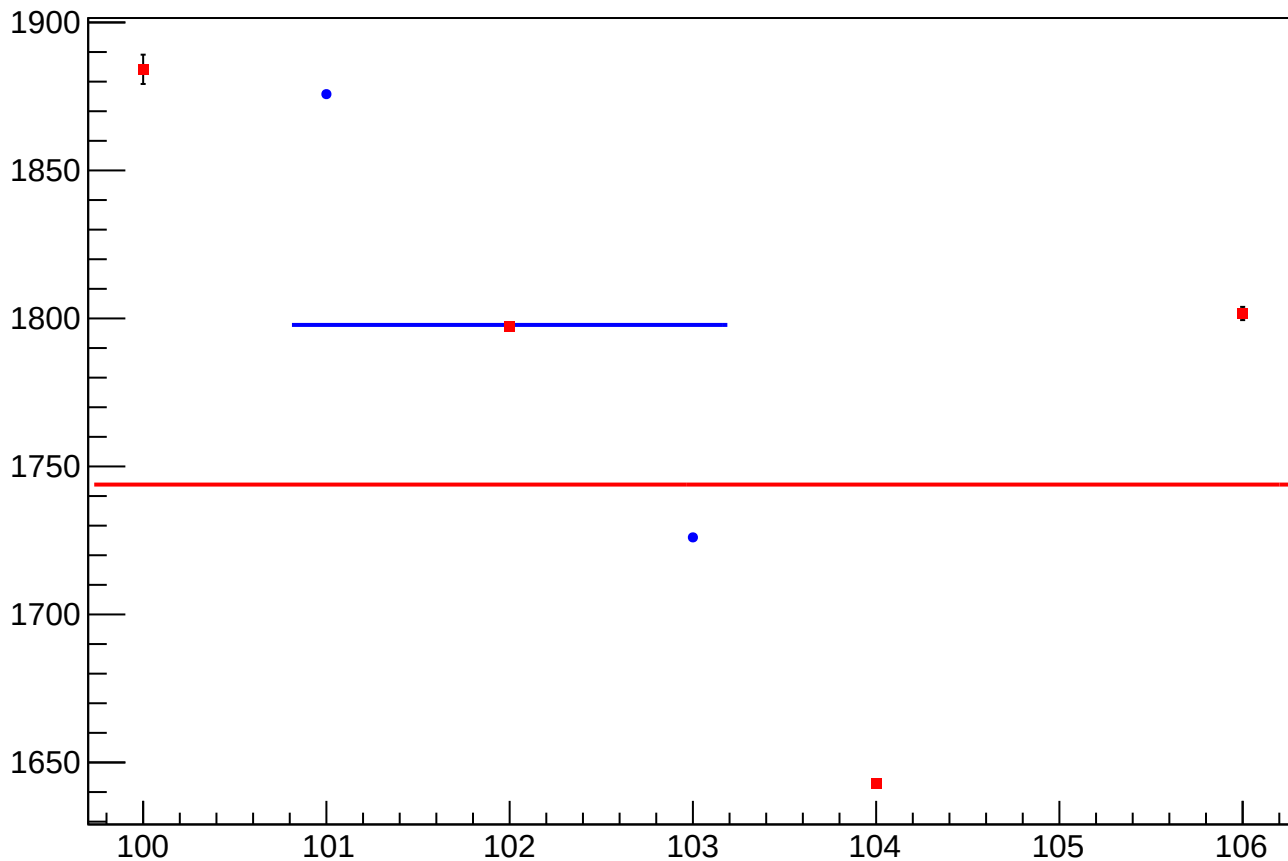
Right: 19.854+/-1.052 χ^2 /NDF: 27.9/5

In: 18.279+/-1.602 χ^2 /NDF: 4.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.854+/-1.052 χ^2 /NDF: 27.9/5

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1797.812+/-1.133 χ^2/NDF : 4360.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.876+/-0.986 χ^2/NDF : 6520.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

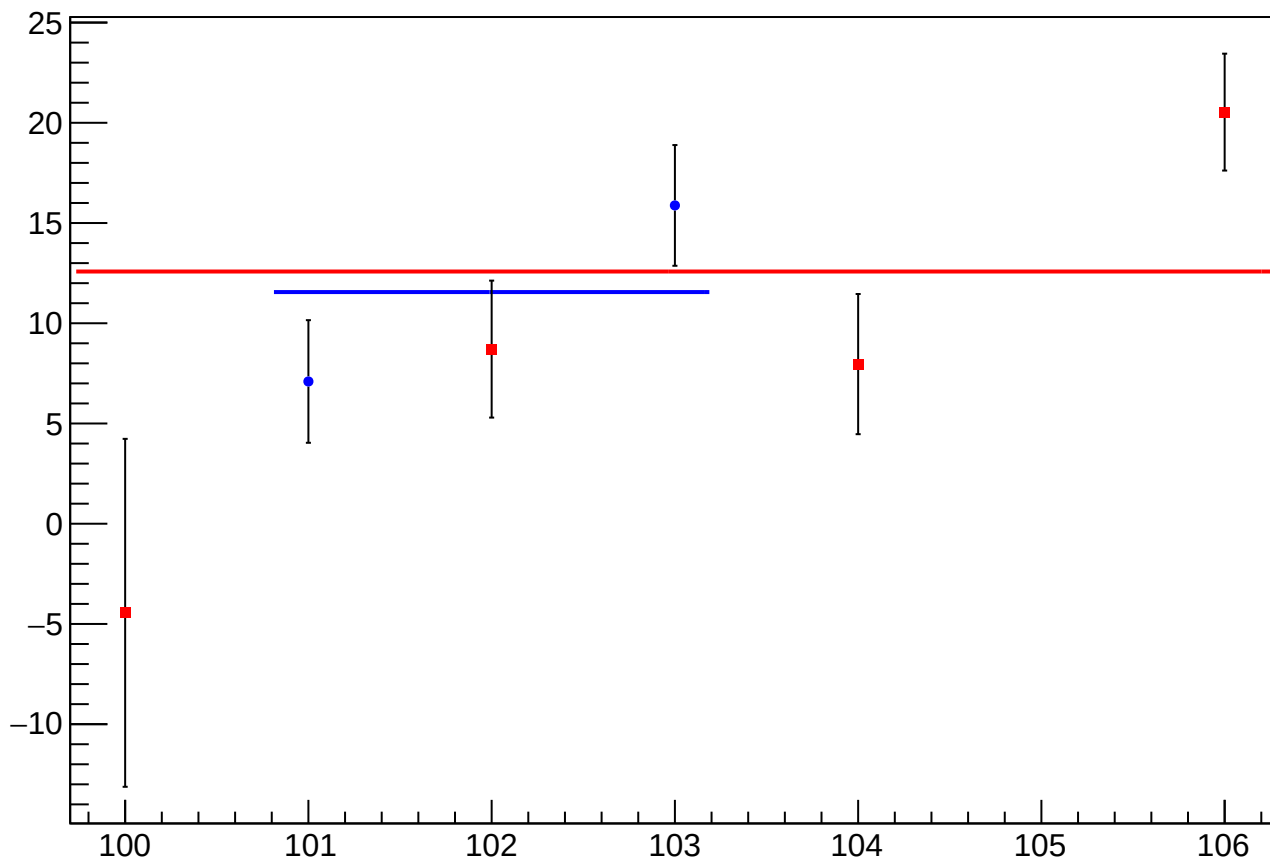
Right: 1767.136+/-0.744 χ^2/NDF : 12169.7/5

In: 1797.812+/-1.133 χ^2/NDF : 4360.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1767.136+/-0.744 χ^2/NDF : 12169.7/5

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 11.556 $\pm$ 2.146 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.581 $\pm$ 1.831 χ^2 /NDF: 14.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

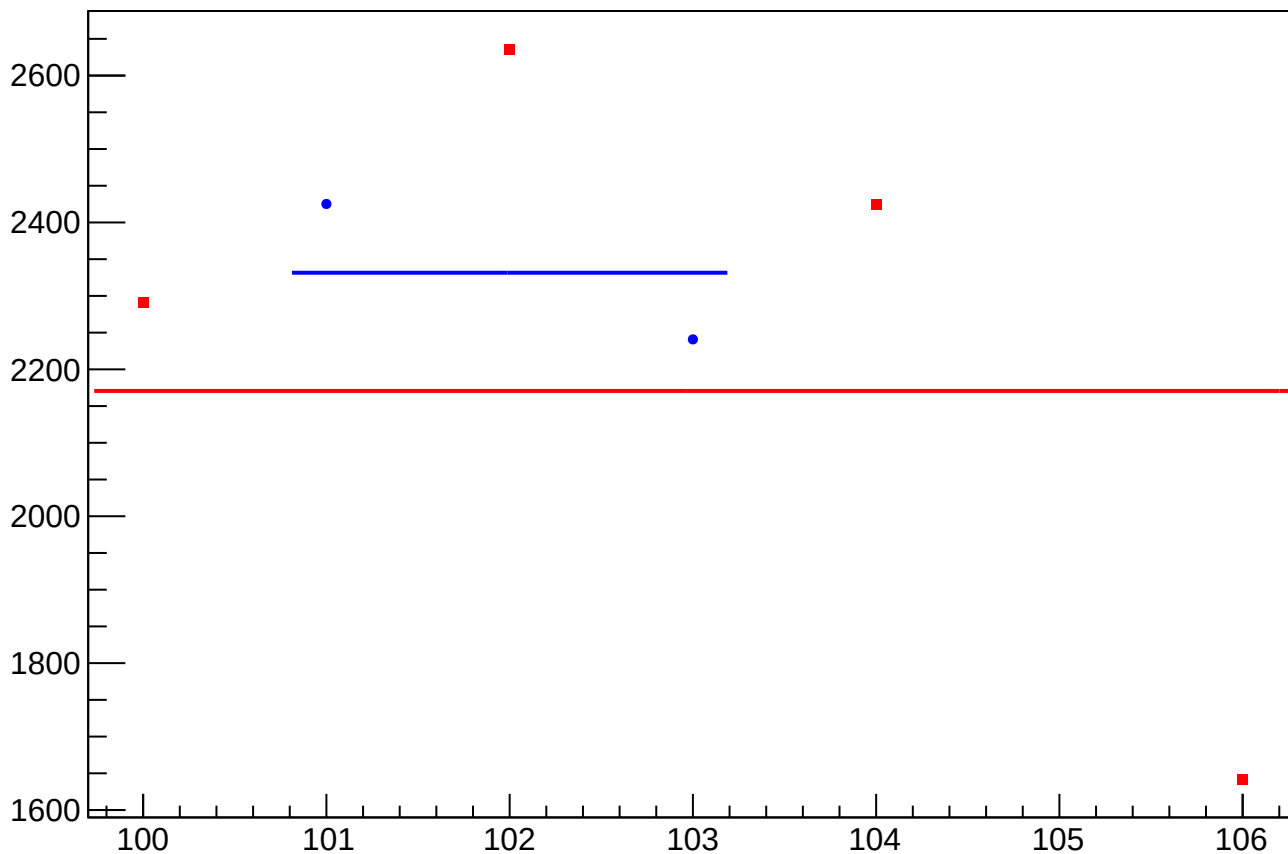
Right: 12.149 $\pm$ 1.393 χ^2 /NDF: 18.6/5

In: 11.556 $\pm$ 2.146 χ^2 /NDF: 4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.149 $\pm$ 1.393 χ^2 /NDF: 18.6/5

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2331.559 $\pm$ 1.517 χ^2 /NDF: 3690.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2170.607 $\pm$ 1.294 χ^2 /NDF: 113772.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

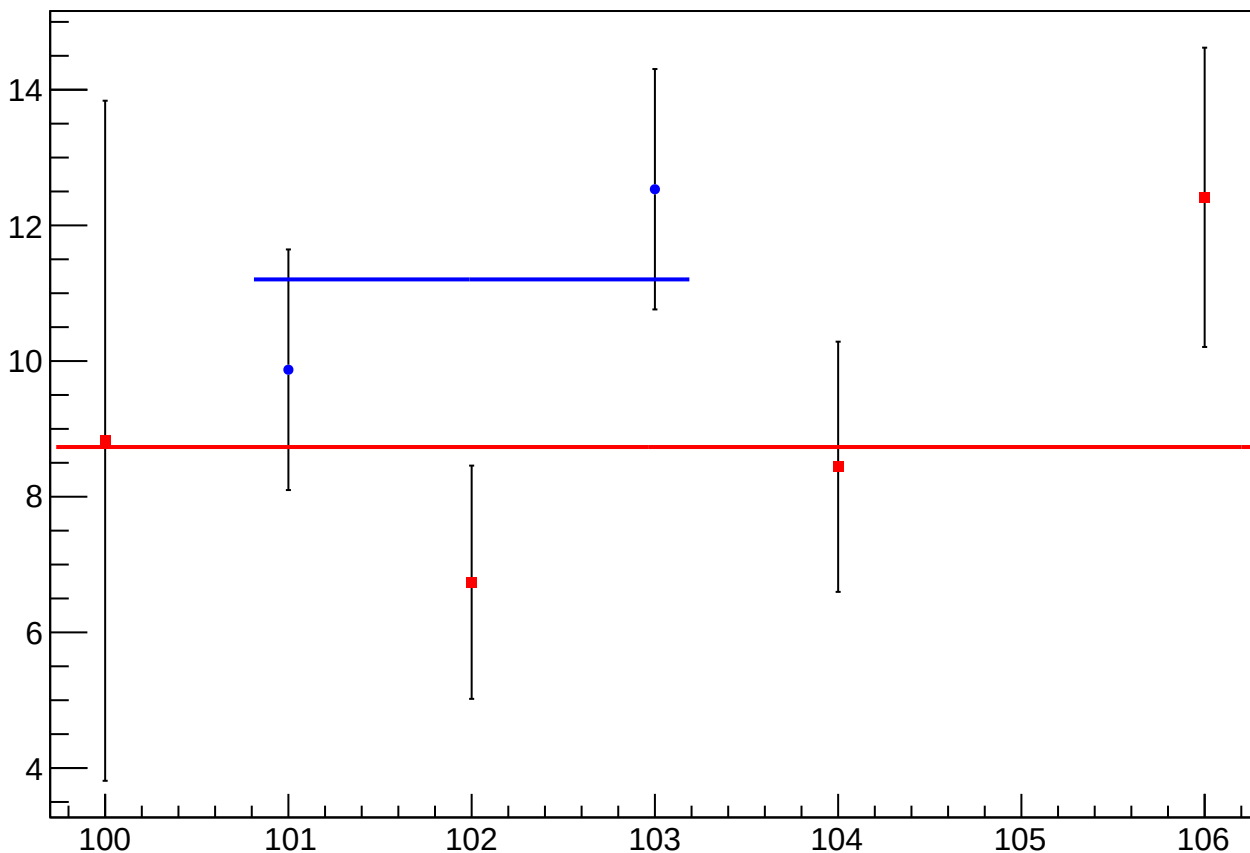
Right: 2238.402 $\pm$ 0.985 χ^2 /NDF: 123975.5/5

In: 2331.559 $\pm$ 1.517 χ^2 /NDF:3690.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2238.402 $\pm$ 0.985 χ^2 /NDF: 123975.5/5

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 11.204 $\pm$ 1.254 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.733 $\pm$ 1.068 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

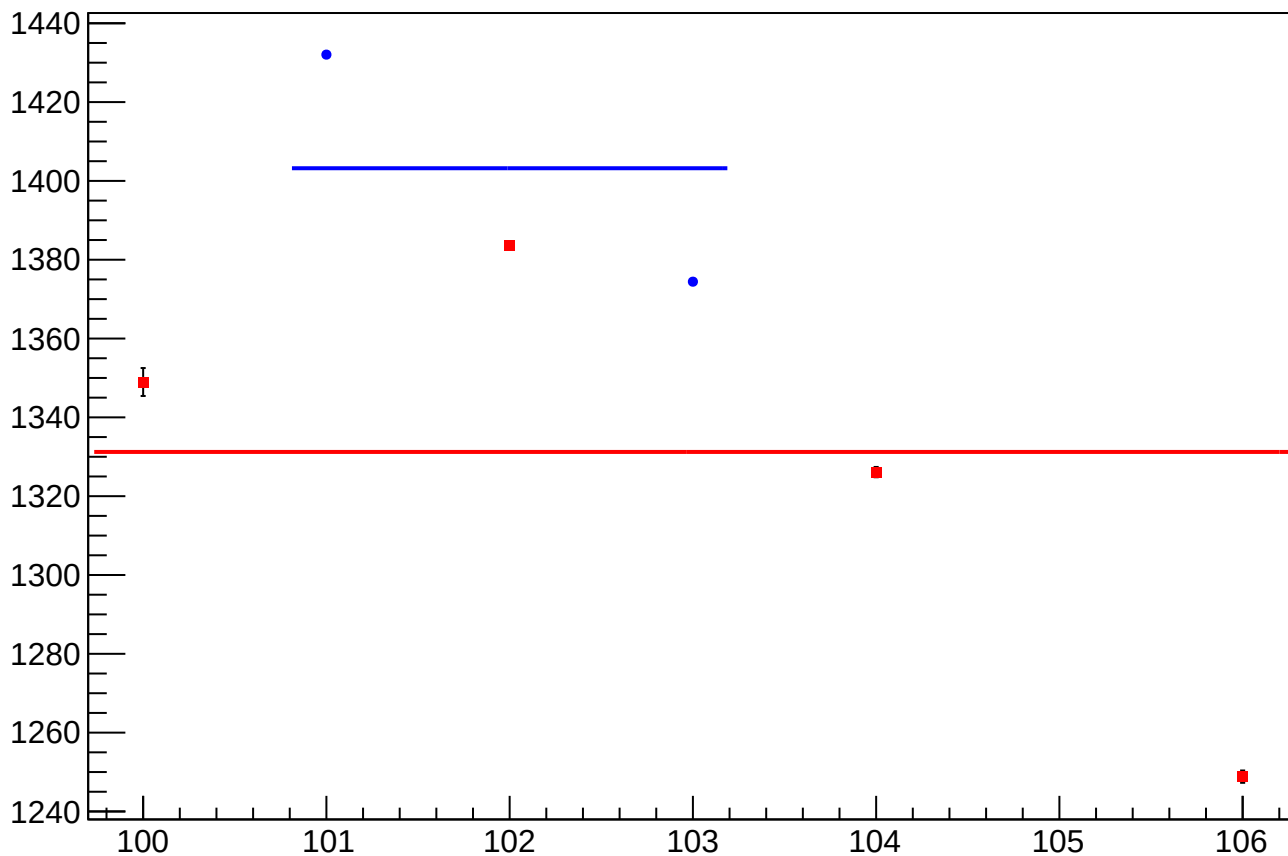
Right: 9.771 $\pm$ 0.813 χ^2 /NDF: 7.5/5

In: 11.204 $\pm$ 1.254 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.771 $\pm$ 0.813 χ^2 /NDF: 7.5/5

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1403.214+/-0.886 χ^2/NDF : 1056.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.226+/-0.755 χ^2/NDF : 4688.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

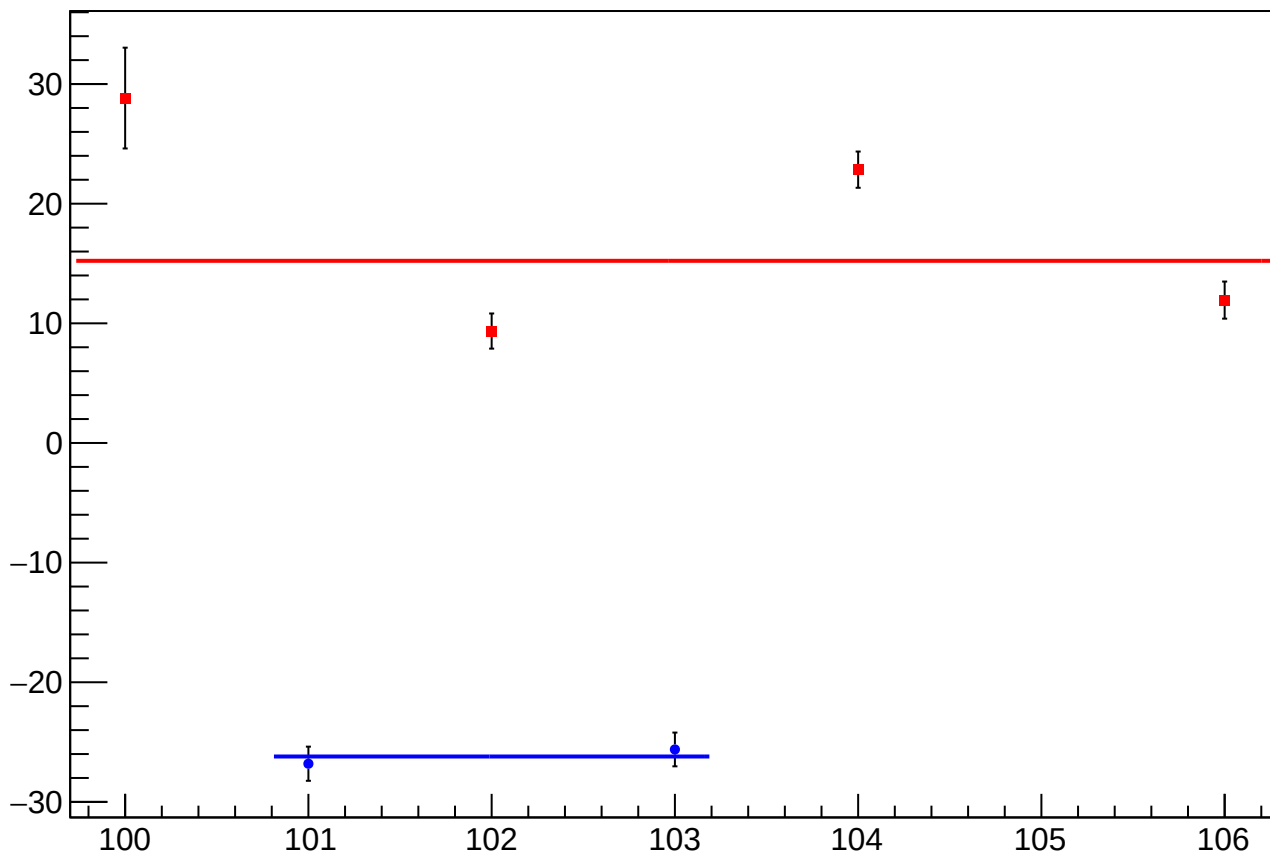
Right: 1361.487+/-0.575 χ^2/NDF : 9567.5/5

In: 1403.214+/-0.886 χ^2/NDF : 1056.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.487+/-0.575 χ^2/NDF : 9567.5/5

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -26.205 $\pm$ 1.003 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.225 $\pm$ 0.854 χ^2 /NDF: 56.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

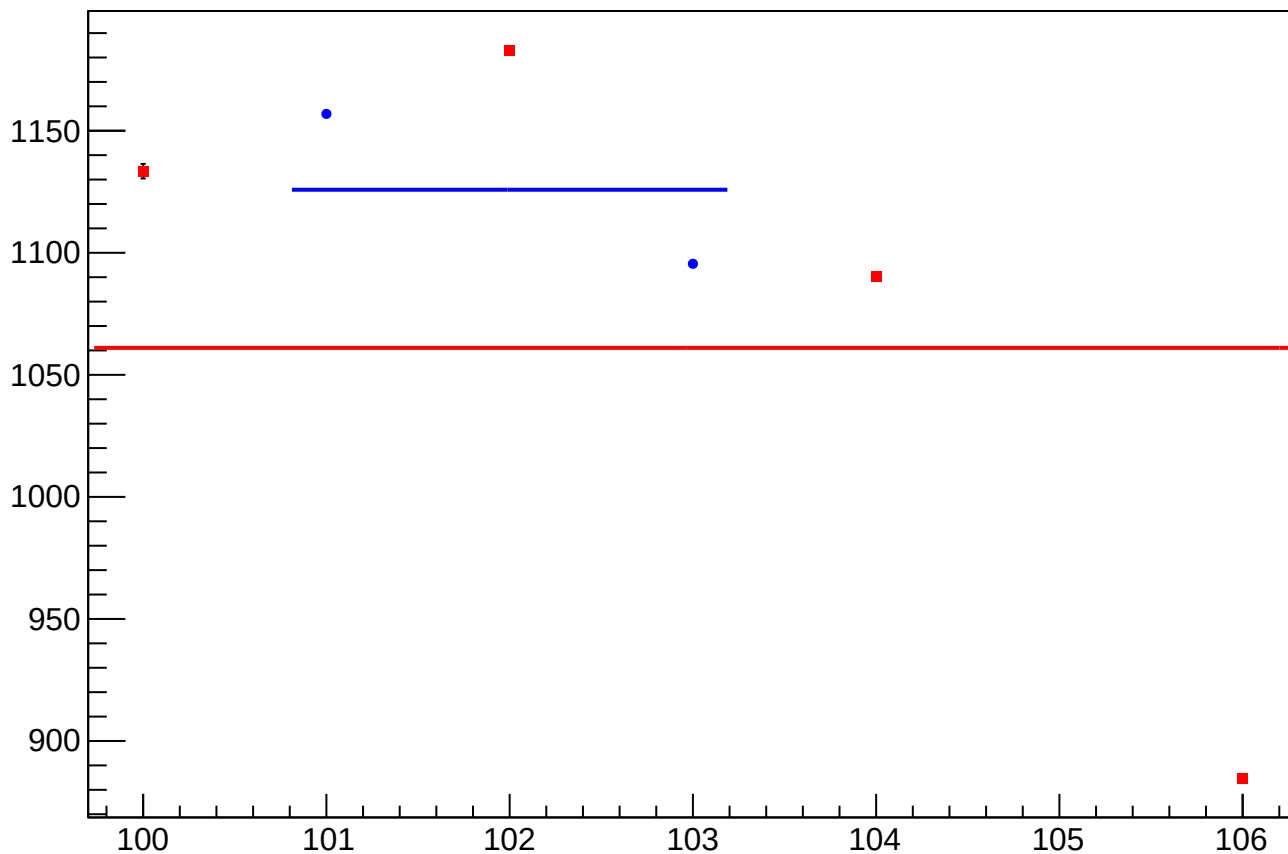
Right: -2.175 $\pm$ 0.650 χ^2 /NDF: 1045.4/5

In: -26.205 $\pm$ 1.003 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.175 $\pm$ 0.650 χ^2 /NDF: 1045.4/5

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1125.832+/-0.710 χ^2/NDF : 1872.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1061.060+/-0.604 χ^2/NDF : 40966.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

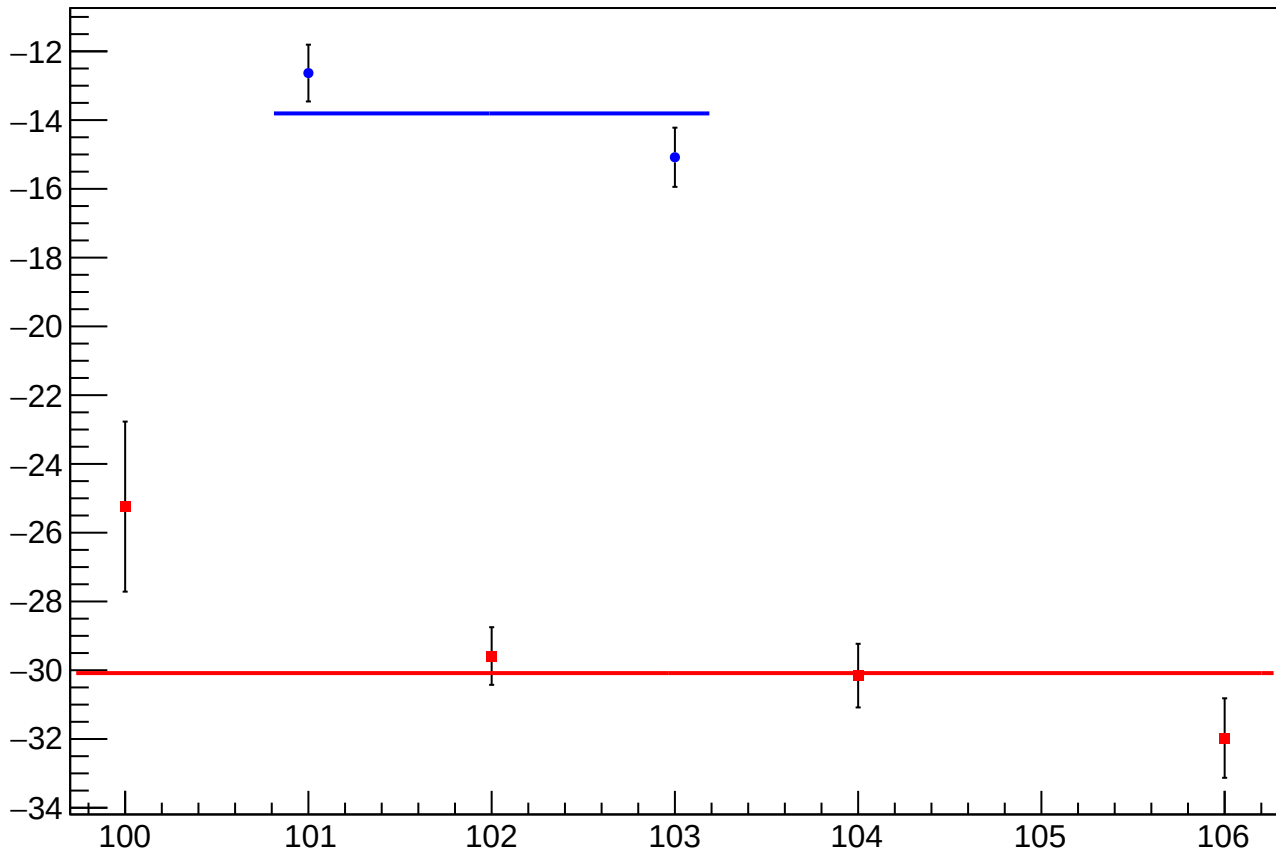
Right: 1088.263+/-0.460 χ^2/NDF : 47673.5/5

In: 1125.832+/-0.710 χ^2/NDF : 1872.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.263+/-0.460 χ^2/NDF : 47673.5/5

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -13.806 $\pm$ 0.596 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.083 $\pm$ 0.534 χ^2 /NDF: 6.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

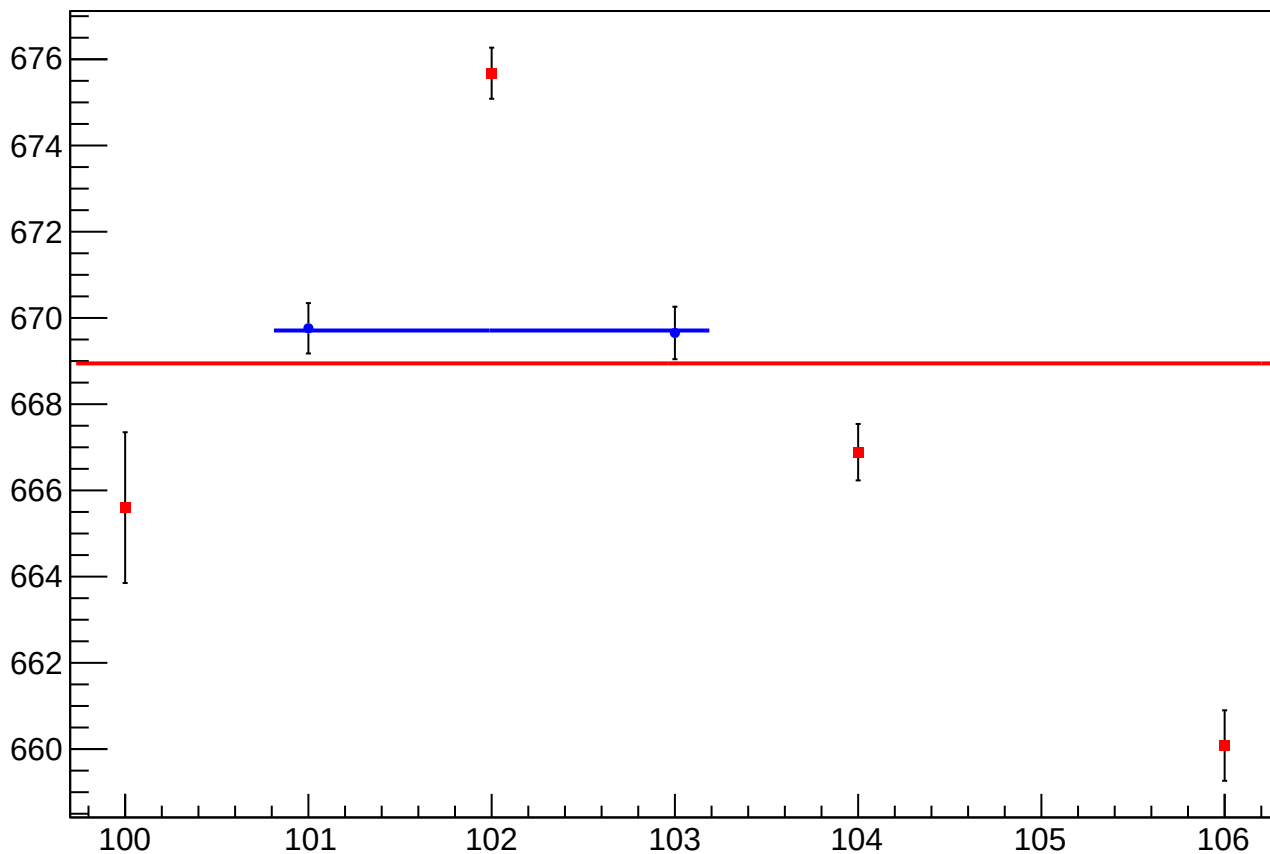
Right: -22.829 $\pm$ 0.398 χ^2 /NDF: 424.6/5

In: -13.806 $\pm$ 0.596 χ^2 /NDF:4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.829 $\pm$ 0.398 χ^2 /NDF: 424.6/5

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 669.709 $\pm$ 0.421 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 668.946 $\pm$ 0.378 χ^2 /NDF: 260.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

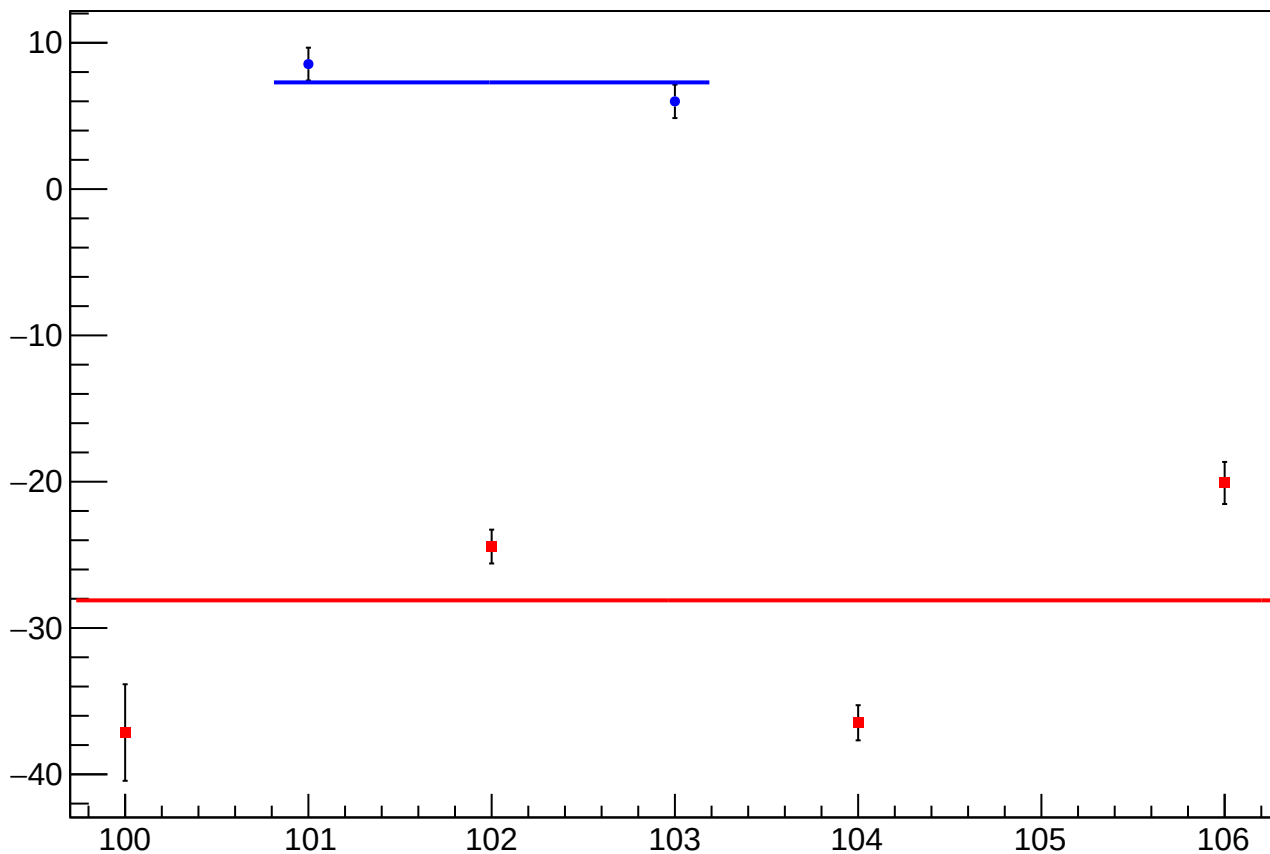
Right: 669.286 $\pm$ 0.281 χ^2 /NDF: 261.9/5

In: 669.709 $\pm$ 0.421 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 669.286 $\pm$ 0.281 χ^2 /NDF: 261.9/5

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 7.293+/-0.801 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.110+/-0.704 χ^2/NDF : 97.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

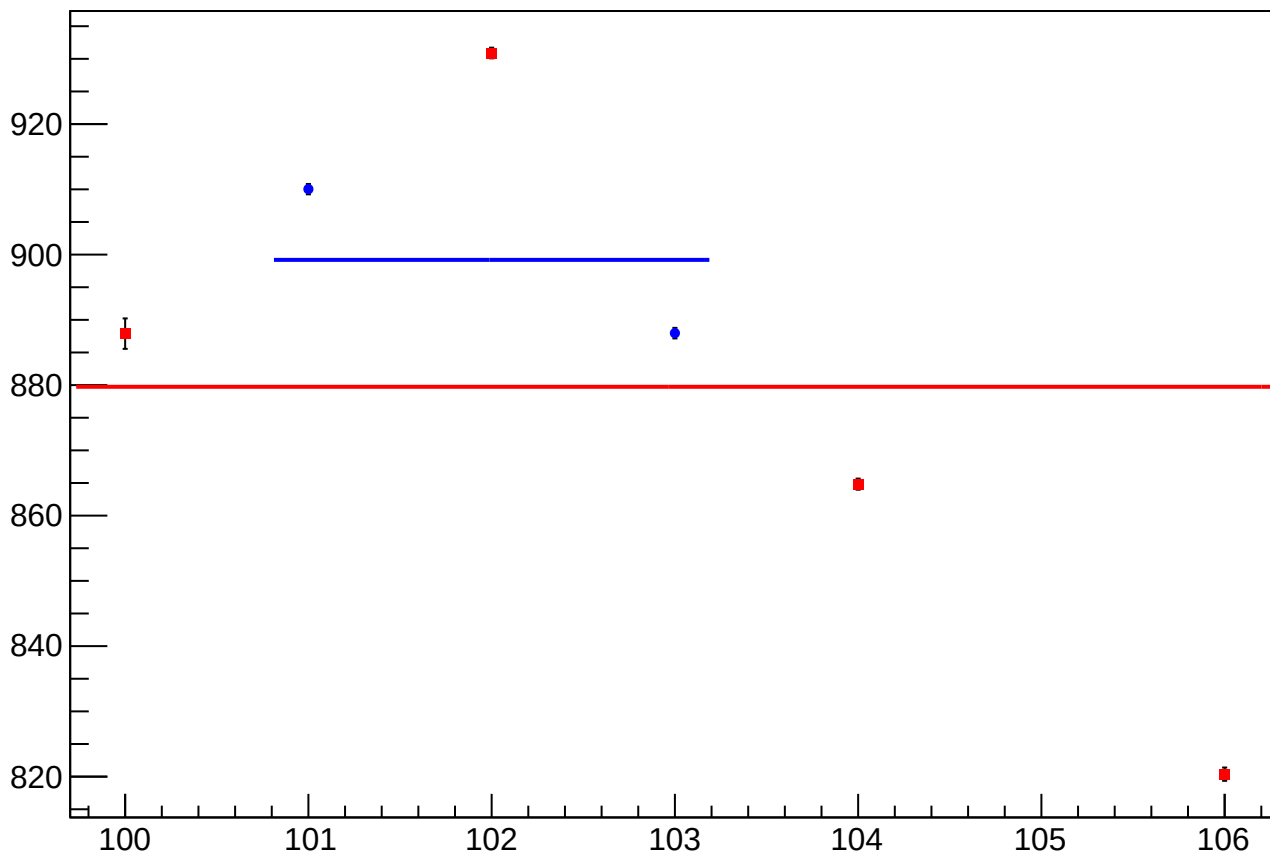
Right: -12.676+/-0.529 χ^2/NDF : 1202.2/5

In: 7.293+/-0.801 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.676+/-0.529 χ^2/NDF : 1202.2/5

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 899.193+/-0.566 χ^2/NDF : 379.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 879.742+/-0.498 χ^2/NDF : 7646.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

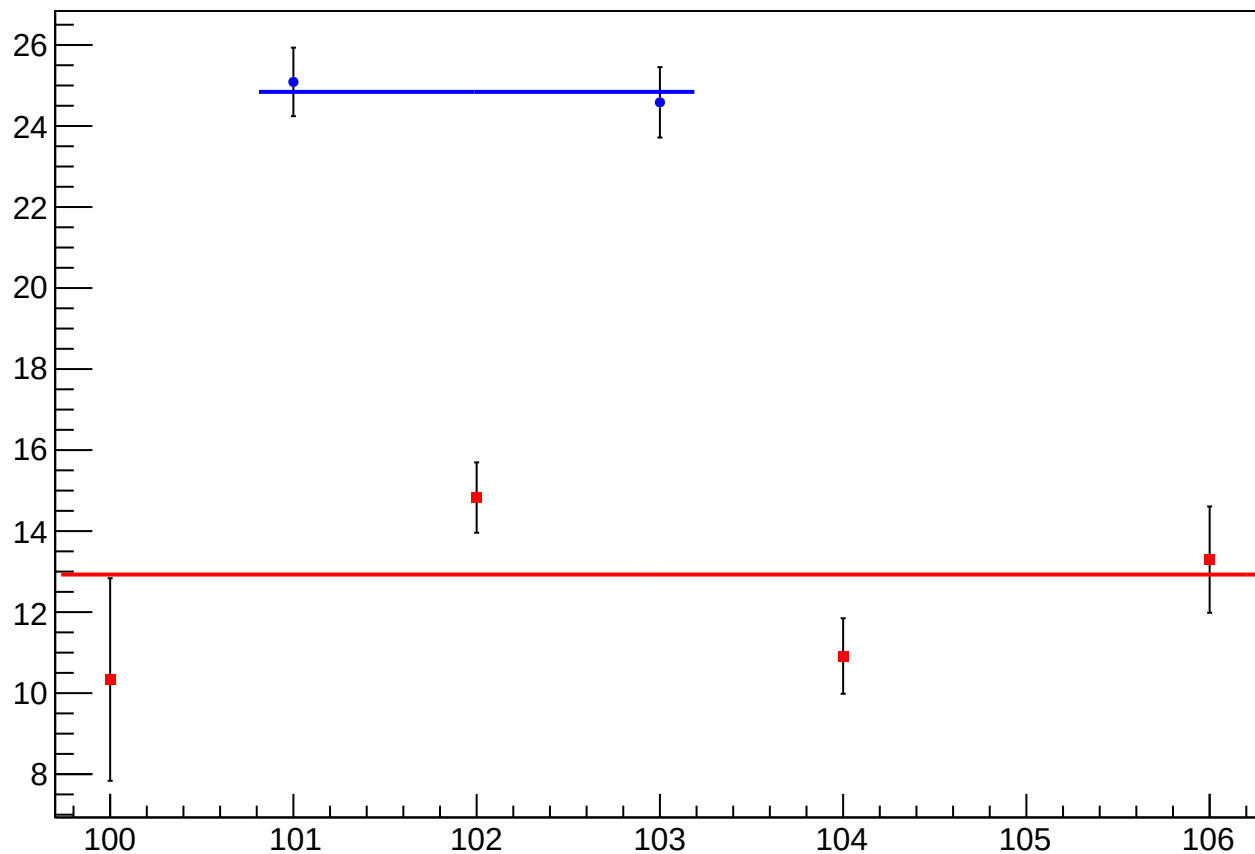
Right: 888.222+/-0.374 χ^2/NDF : 8691.9/5

In: 899.193+/-0.566 χ^2/NDF : 379.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 888.222+/-0.374 χ^2/NDF : 8691.9/5

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 24.843+/-0.606 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.928+/-0.558 χ^2/NDF : 10.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

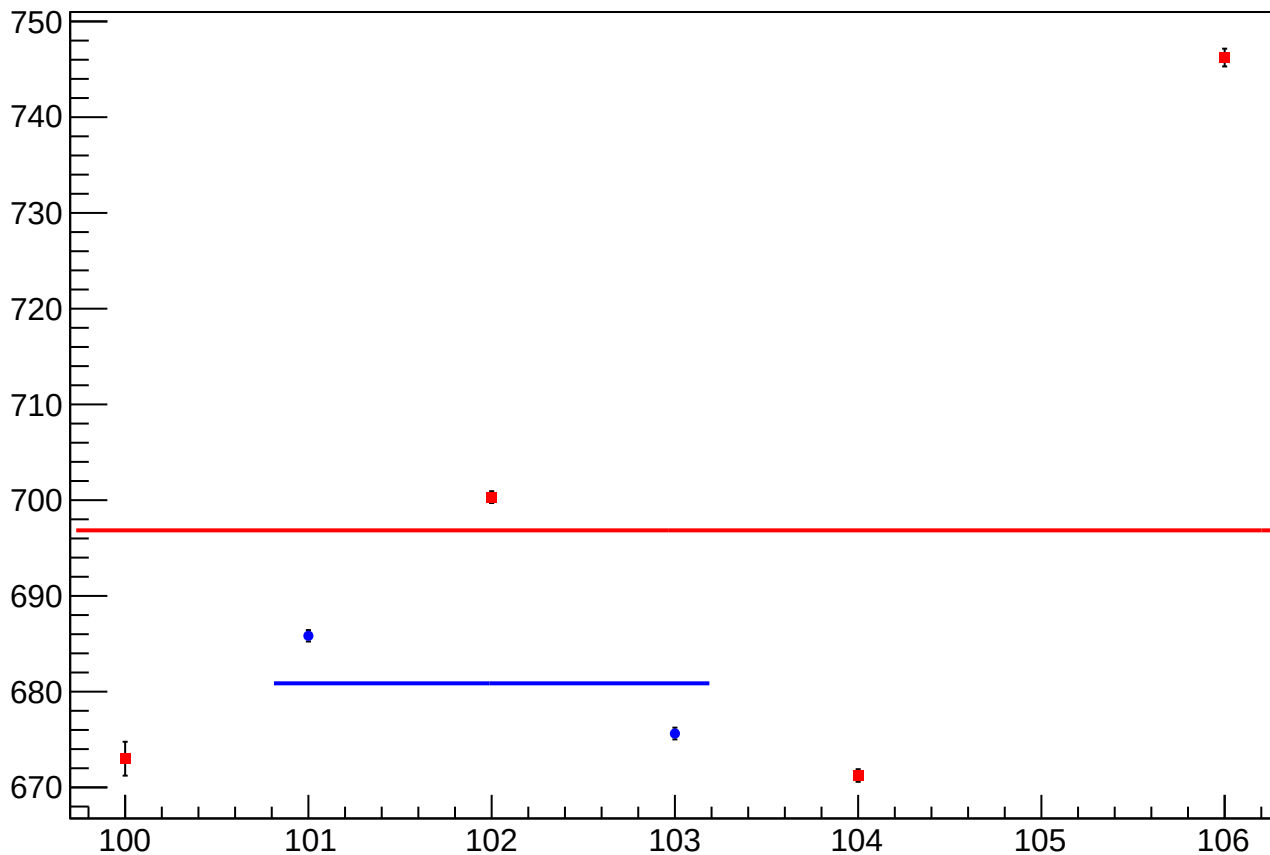
Right: 18.389+/-0.410 χ^2/NDF : 220.1/5

In: 24.843+/-0.606 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.389+/-0.410 χ^2/NDF : 220.1/5

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 680.869+/-0.429 χ^2/NDF : 141.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.846+/-0.394 χ^2/NDF : 4557.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

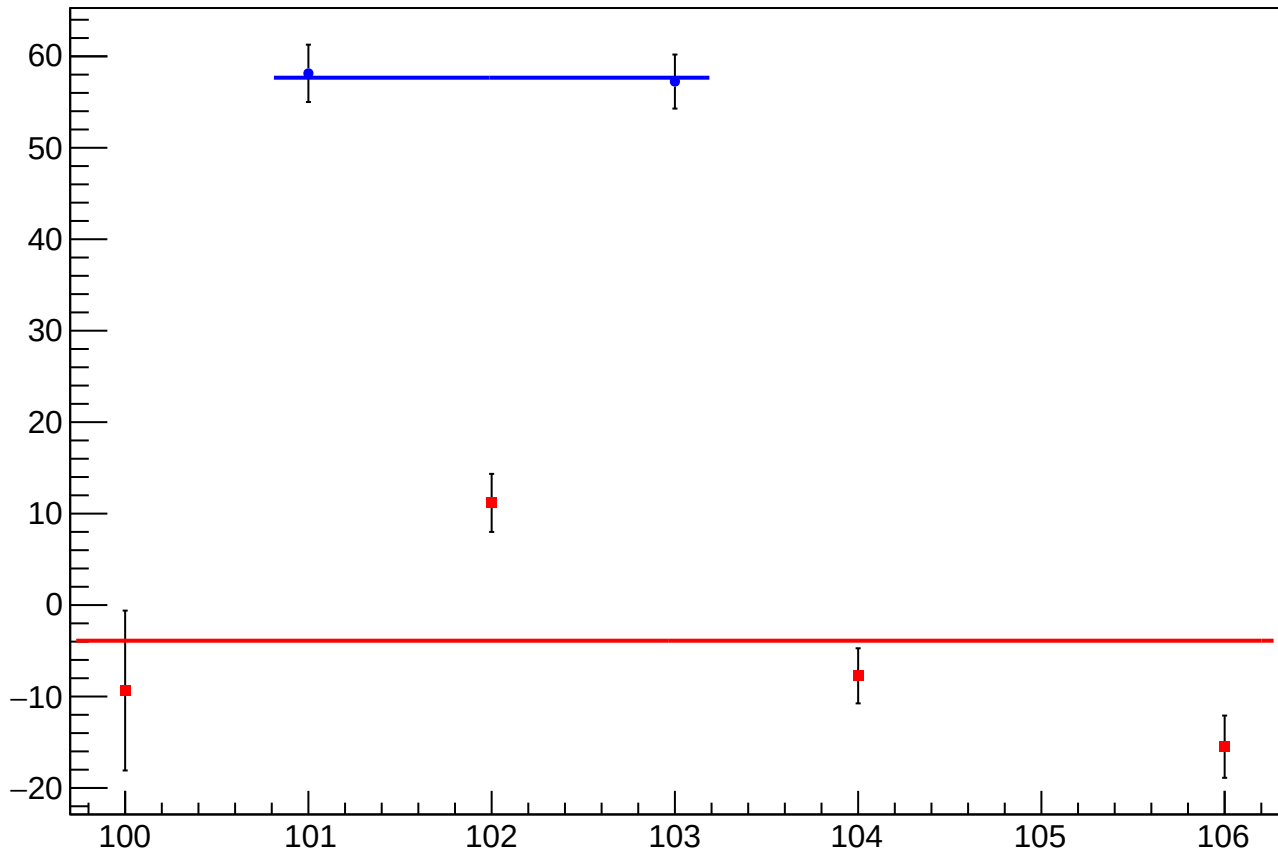
Right: 689.524+/-0.290 χ^2/NDF : 5452.4/5

In: 680.869+/-0.429 χ^2/NDF : 141.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.524+/-0.290 χ^2/NDF : 5452.4/5

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 57.664 $\pm$ 2.150 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.896 $\pm$ 1.799 χ^2 /NDF: 36.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

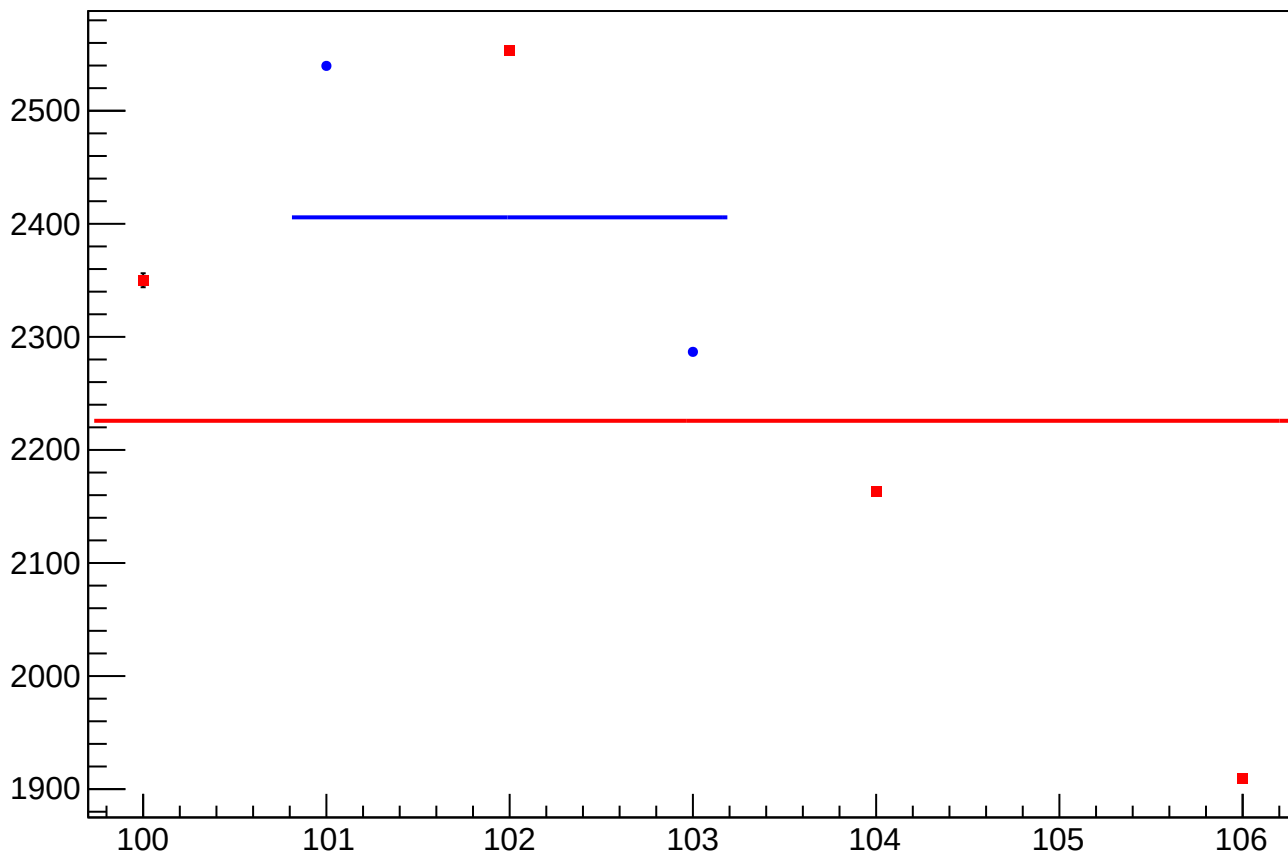
Right: 21.449 $\pm$ 1.380 χ^2 /NDF: 518.3/5

In: 57.664 $\pm$ 2.150 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.449 $\pm$ 1.380 χ^2 /NDF: 518.3/5

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2405.730+/-1.521 χ^2/NDF : 6893.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2225.779+/-1.272 χ^2/NDF : 39851.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

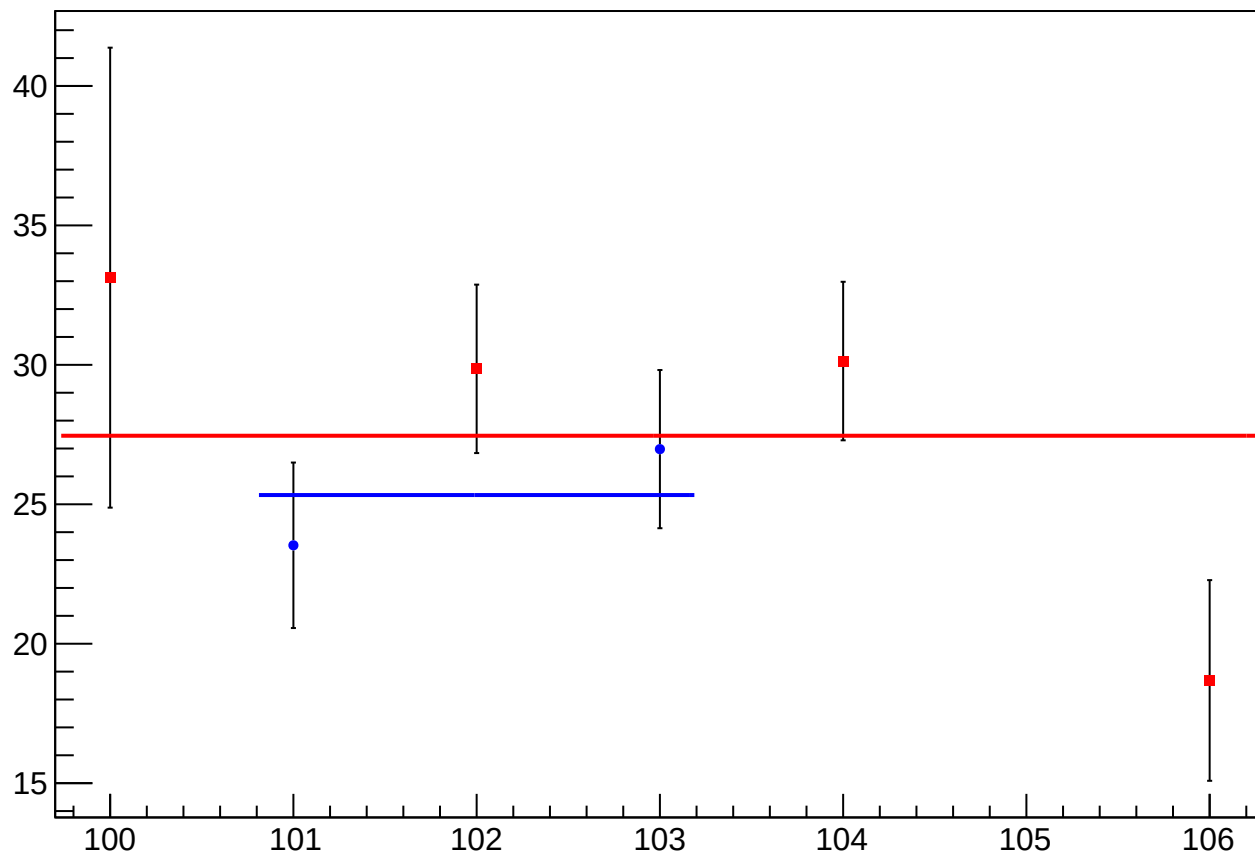
Right: 2299.869+/-0.976 χ^2/NDF : 54982.9/5

In: 2405.730+/-1.521 χ^2/NDF : 6893.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2299.869+/-0.976 χ^2/NDF : 54982.9/5

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 25.332 $\pm$ 2.050 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.458 $\pm$ 1.753 χ^2 /NDF: 7.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

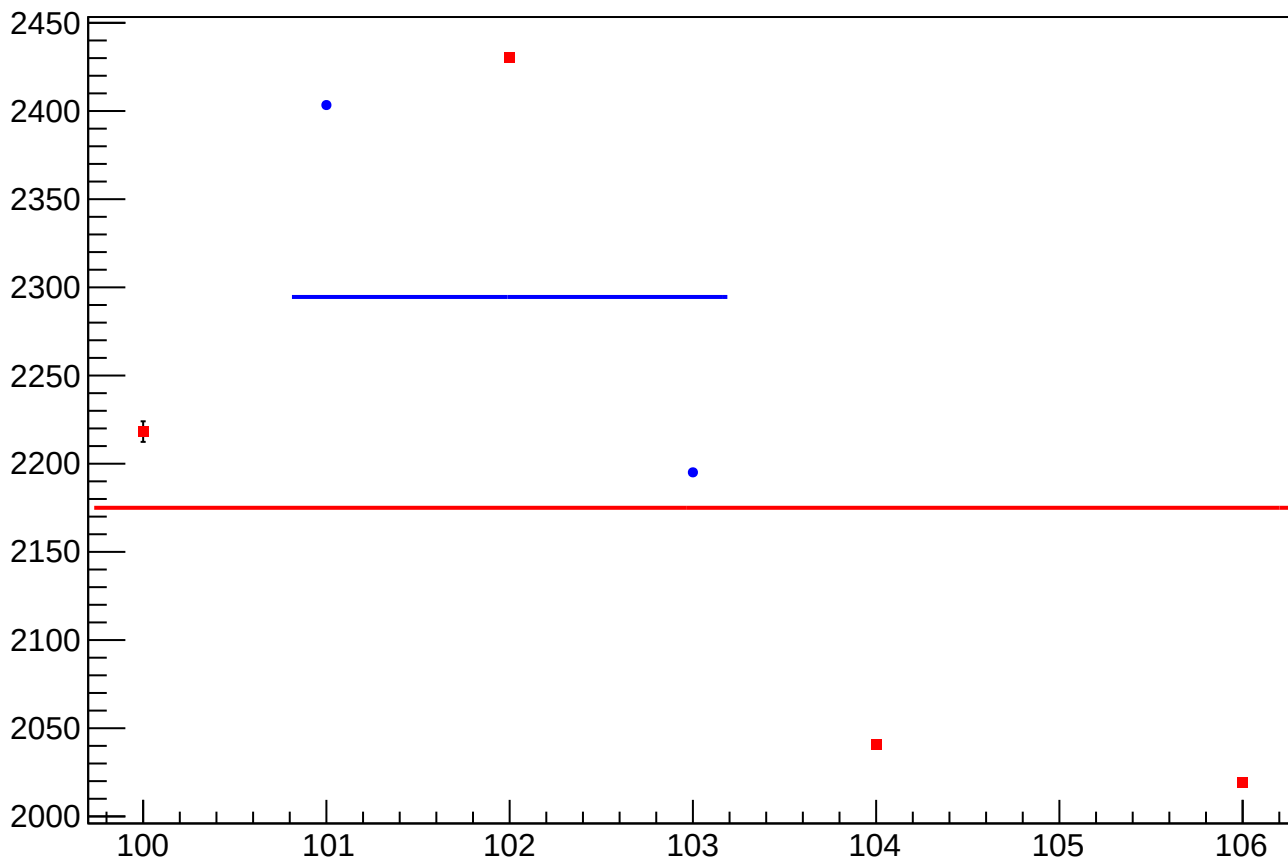
Right: 26.560 $\pm$ 1.332 χ^2 /NDF: 9.3/5

In: 25.332 $\pm$ 2.050 χ^2 /NDF: 0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.560 $\pm$ 1.332 χ^2 /NDF: 9.3/5

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2294.557+/-1.450 χ^2/NDF : 5149.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2175.003+/-1.240 χ^2/NDF : 22555.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

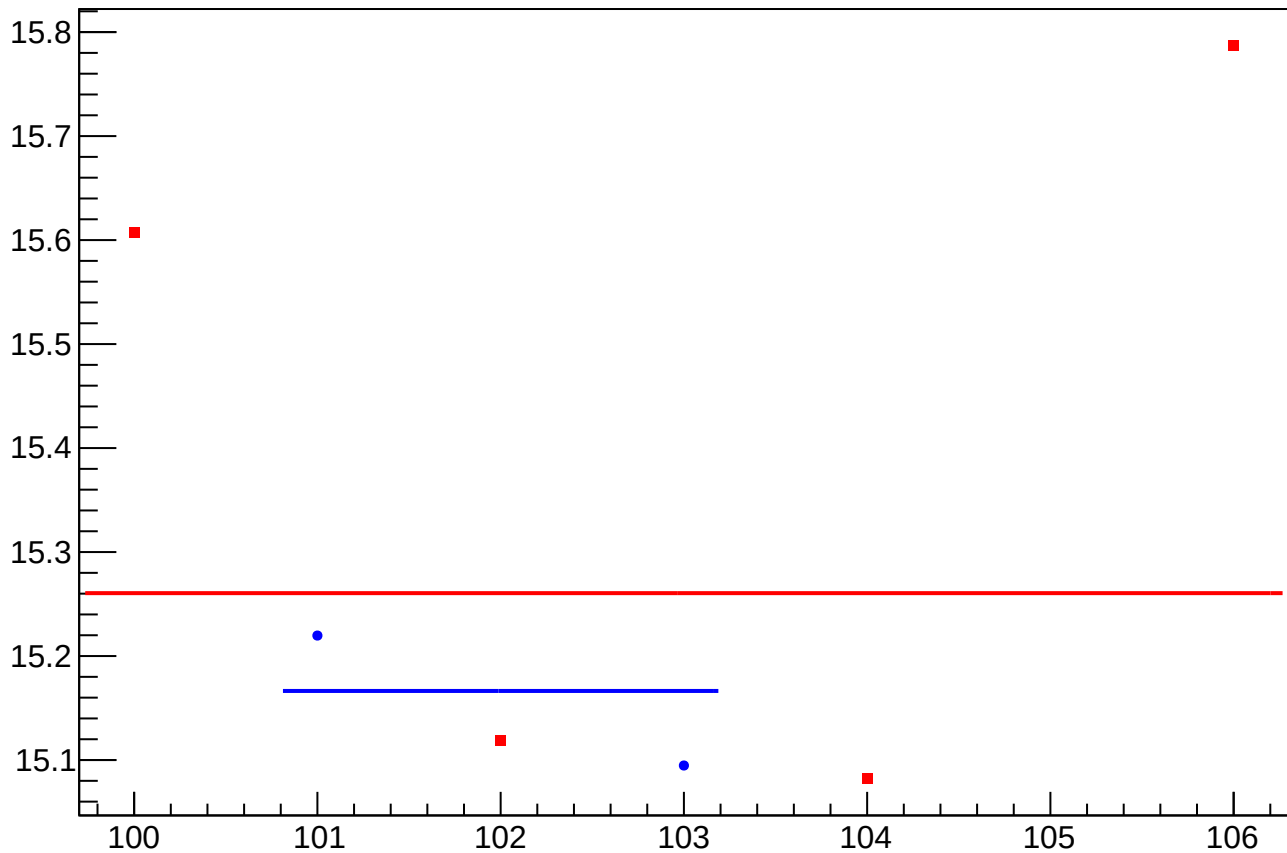
Right: 2225.496+/-0.942 χ^2/NDF : 31633.6/5

In: 2294.557+/-1.450 χ^2/NDF : 5149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2225.496+/-0.942 χ^2/NDF : 31633.6/5

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.166+/-0.000 χ^2/NDF : 9339226.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.260+/-0.000 χ^2/NDF : 218564613.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

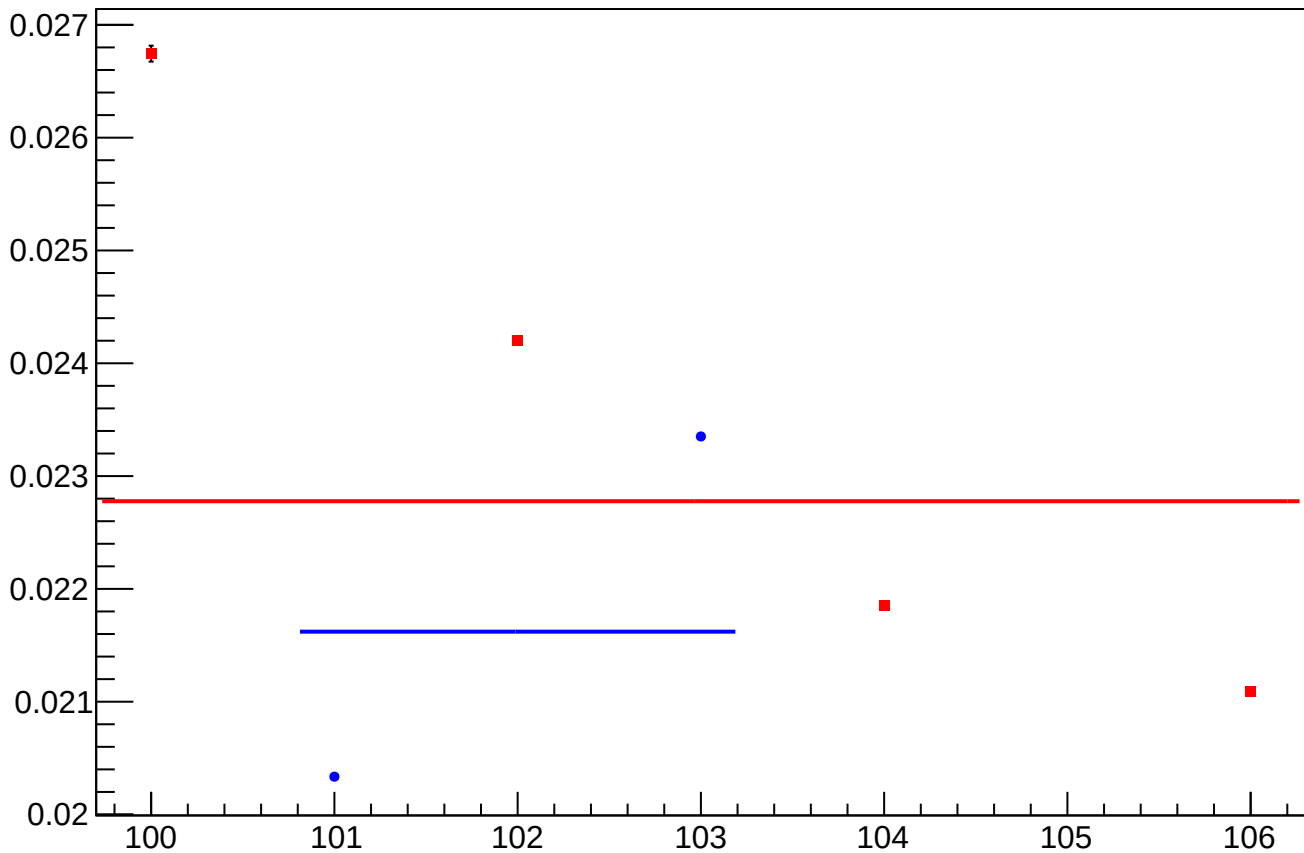
Right: 15.216+/-0.000 χ^2/NDF : 239252375.9/5

In: 15.166+/-0.000 χ^2/NDF : 9339226.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.216+/-0.000 χ^2/NDF : 239252375.9/5

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 10879.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 12248.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

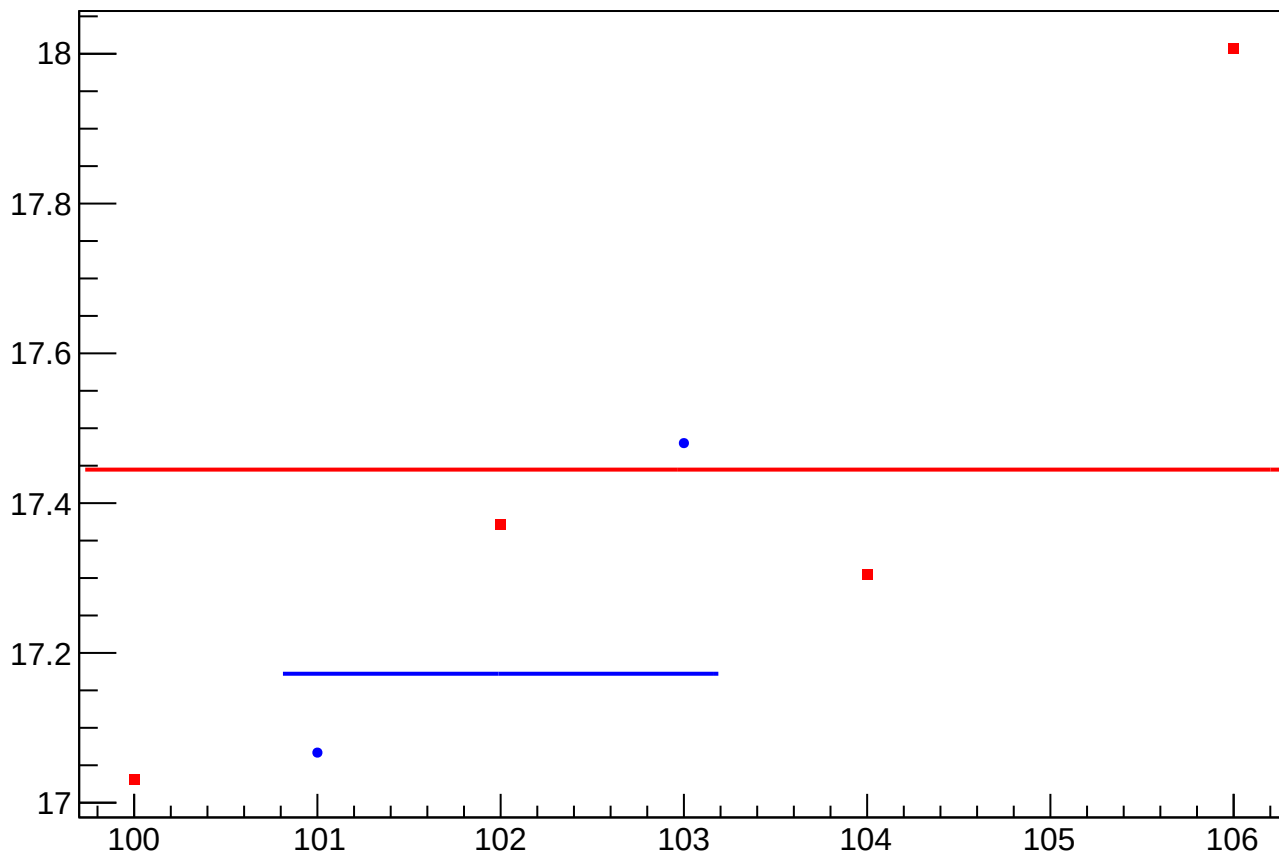
Right: 0.022+/-0.000 χ^2/NDF : 26558.5/5

In: 0.022+/-0.000 χ^2/NDF : 10879.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 26558.5/5

yield_sam2_mean vs Slug, Sign Corrected



Right In: 17.172+/-0.000 χ^2/NDF : 579934.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.445+/-0.000 χ^2/NDF : 1260154.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

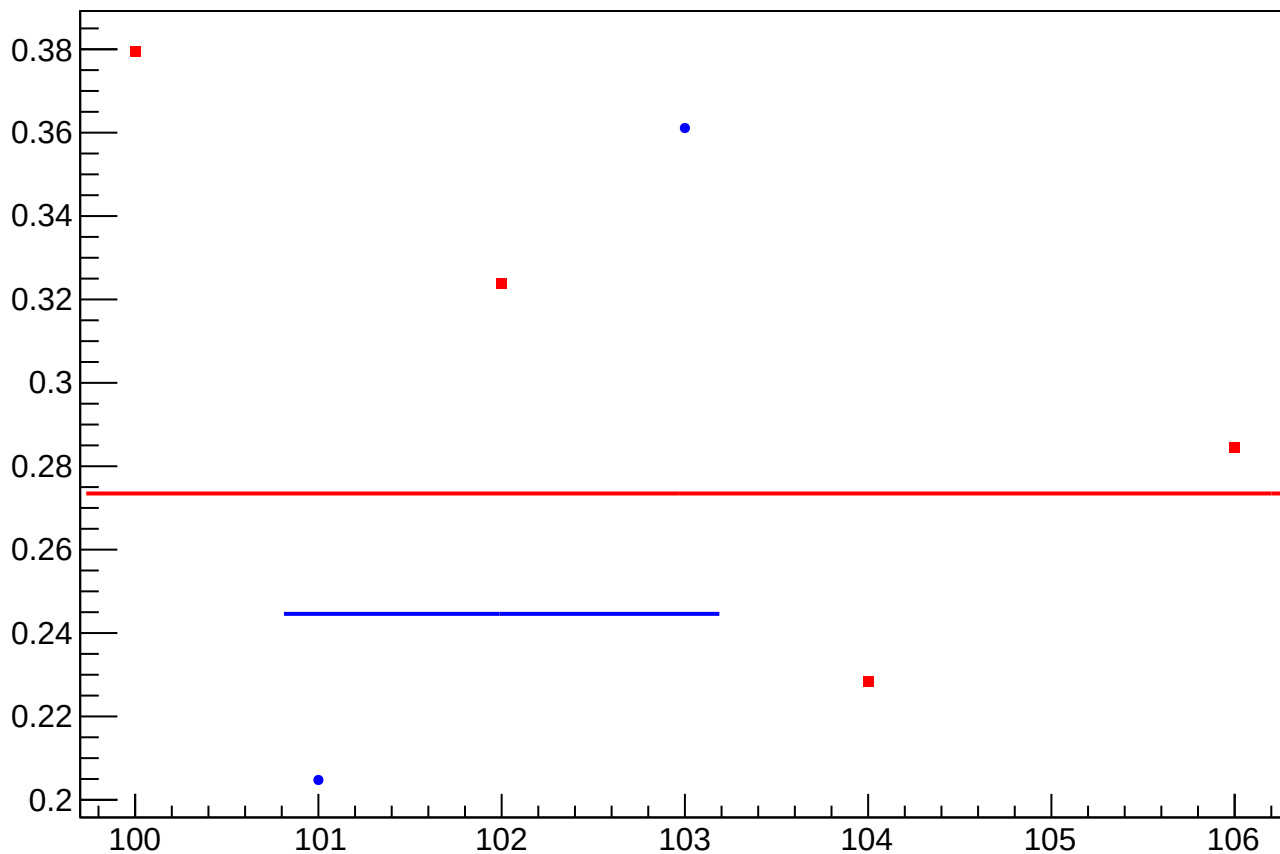
Right: 17.306+/-0.000 χ^2/NDF : 2492872.7/5

In: 17.172+/-0.000 χ^2/NDF : 579934.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.306+/-0.000 χ^2/NDF : 2492872.7/5

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.245+/-0.000 χ^2/NDF : 166029.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.273+/-0.000 χ^2/NDF : 73179.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

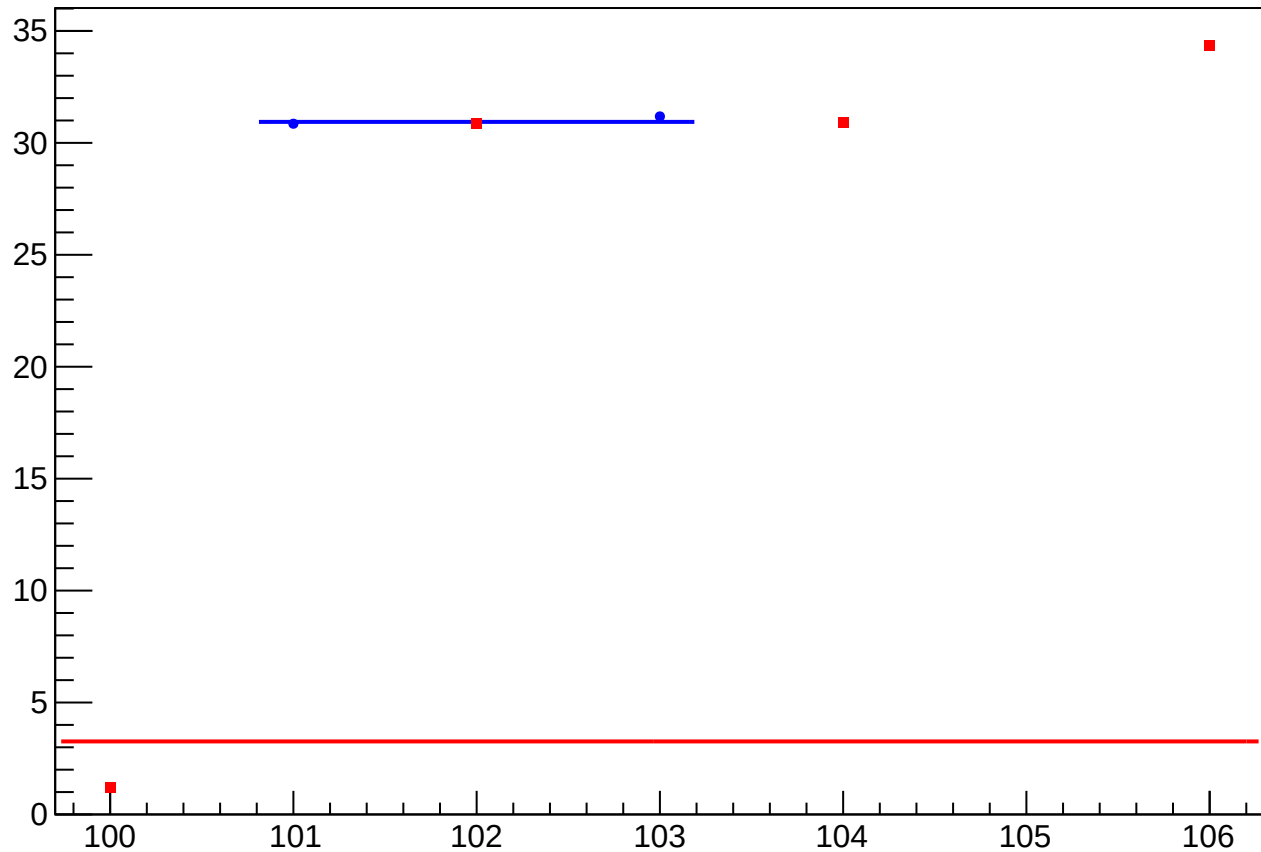
Right: 0.259+/-0.000 χ^2/NDF : 253855.0/5

In: 0.245+/-0.000 χ^2/NDF : 166029.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.259+/-0.000 χ^2/NDF : 253855.0/5

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.937+/-0.000 χ^2/NDF : 507211.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.262+/-0.000 χ^2/NDF : 24755374509.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

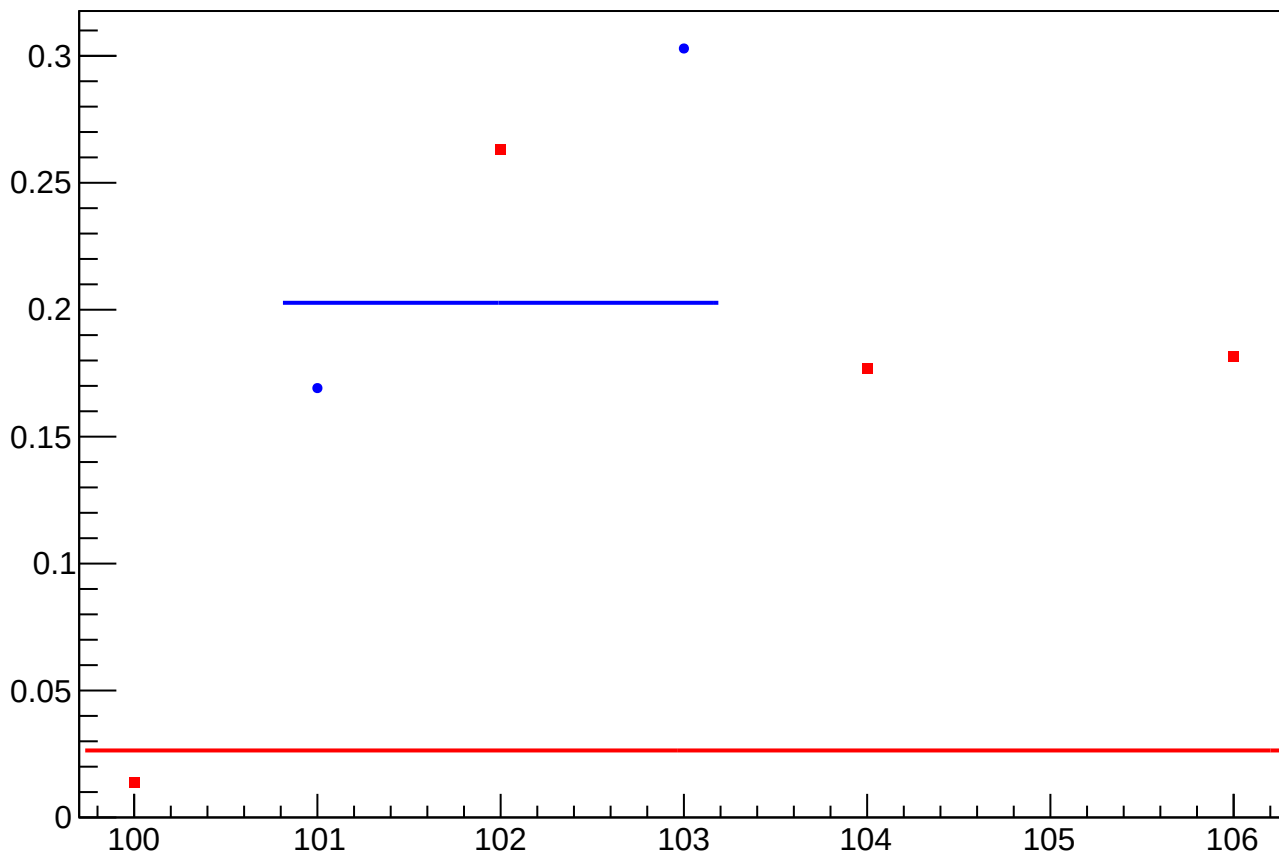
Right: 4.839+/-0.000 χ^2/NDF : 43025479268.8/5

In: 30.937+/-0.000 χ^2/NDF :507211.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.839+/-0.000 χ^2/NDF : 43025479268.8/5

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.203+/-0.000 χ^2/NDF : 170265.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 1966926.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

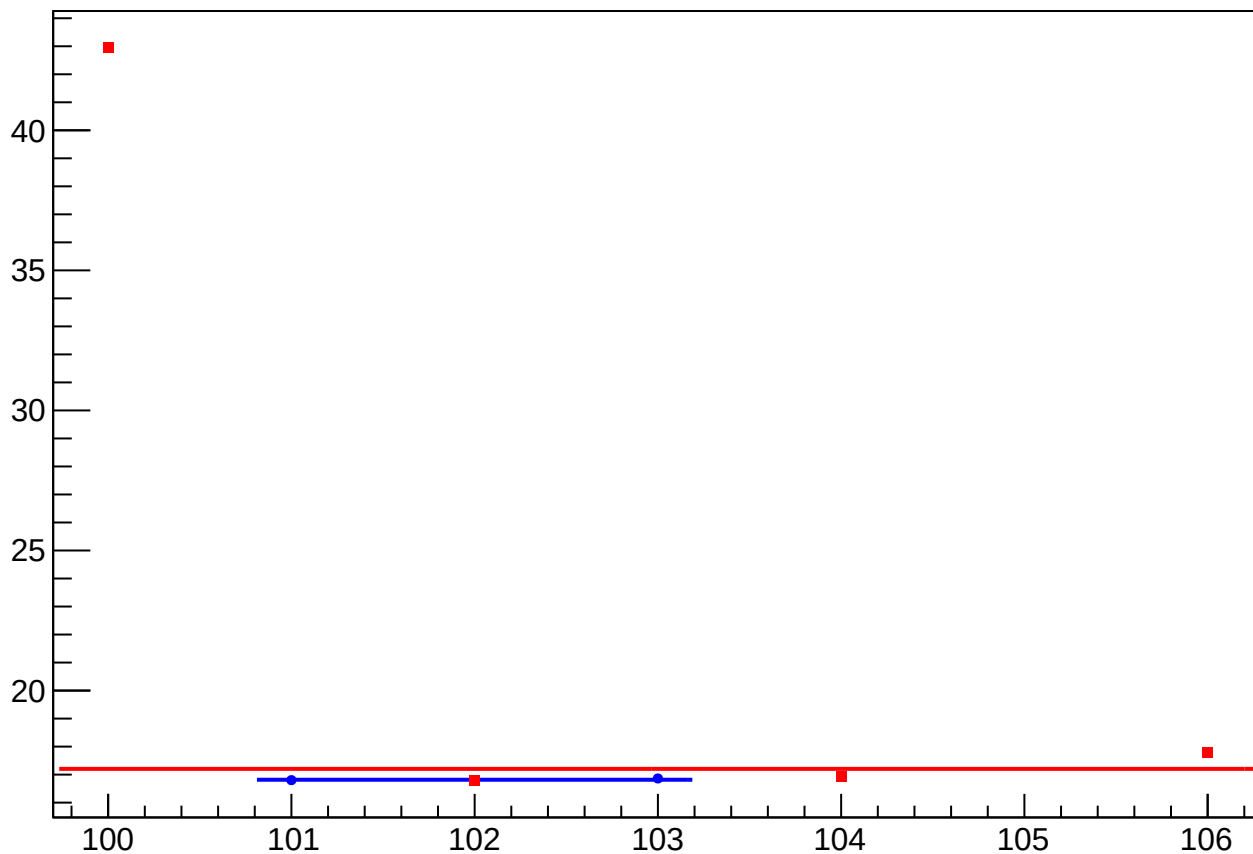
Right: 0.036+/-0.000 χ^2/NDF : 3620703.1/5

In: 0.203+/-0.000 χ^2/NDF : 170265.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 3620703.1/5

yield_sam4_mean vs Slug, Sign Corrected



Right In: 16.817+/-0.000 χ^2/NDF : 51173.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.205+/-0.000 χ^2/NDF : 253847417.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

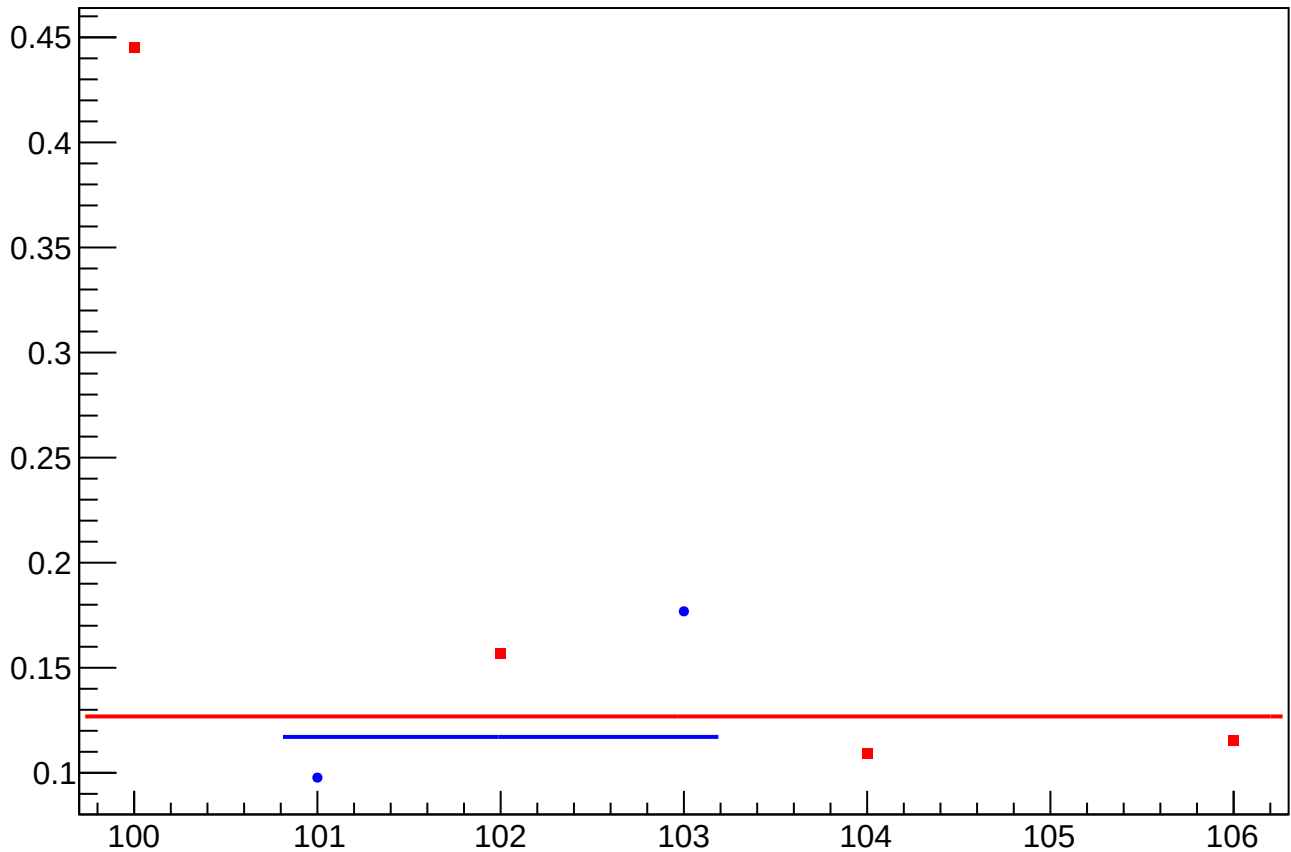
Right: 17.011+/-0.000 χ^2/NDF : 259685454.3/5

In: 16.817+/-0.000 χ^2/NDF : 51173.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.011+/-0.000 χ^2/NDF : 259685454.3/5

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.117+/-0.000 χ^2/NDF : 177348.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.127+/-0.000 χ^2/NDF : 142205.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

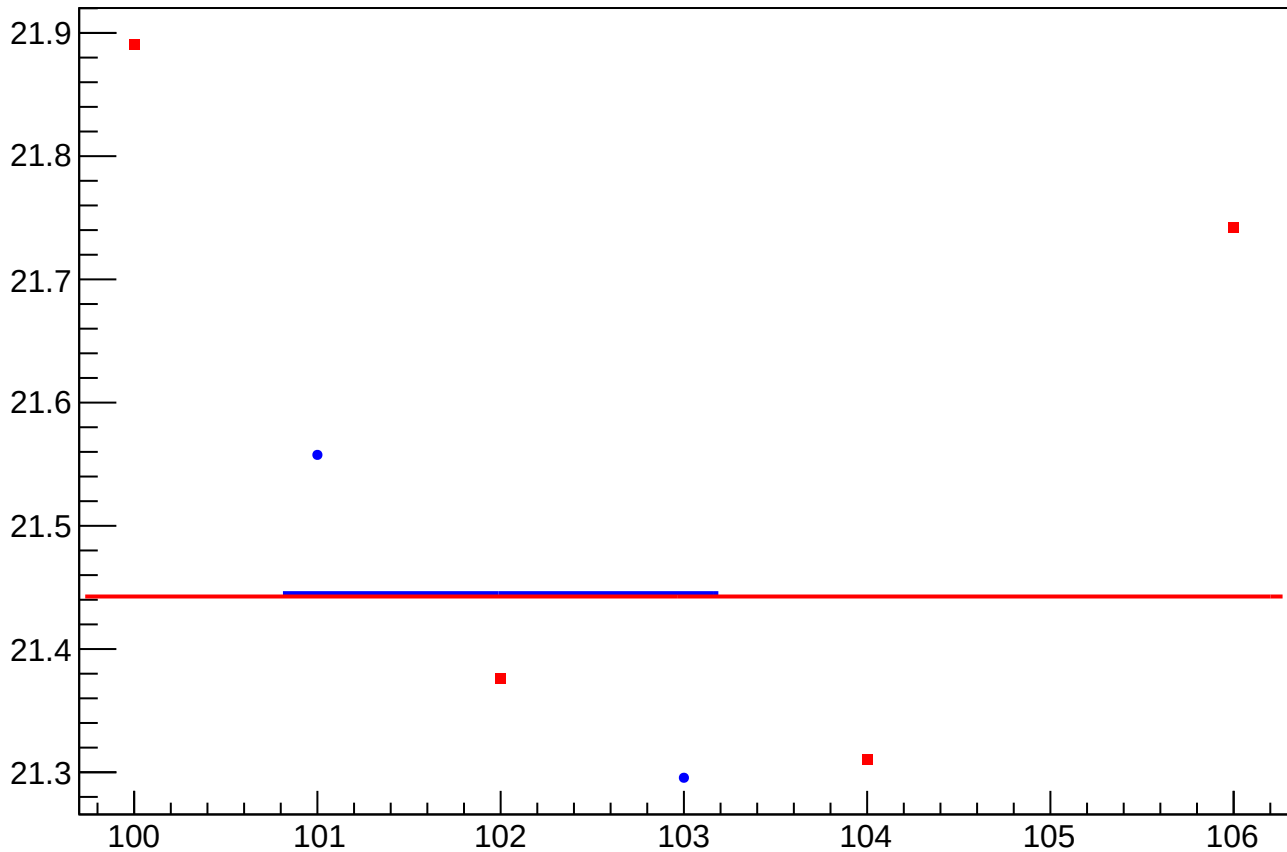
Right: 0.122+/-0.000 χ^2/NDF : 326828.1/5

In: 0.117+/-0.000 χ^2/NDF : 177348.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.000 χ^2/NDF : 326828.1/5

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.445+/-0.000 χ^2/NDF : 33529749.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.443+/-0.000 χ^2/NDF : 74579982.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

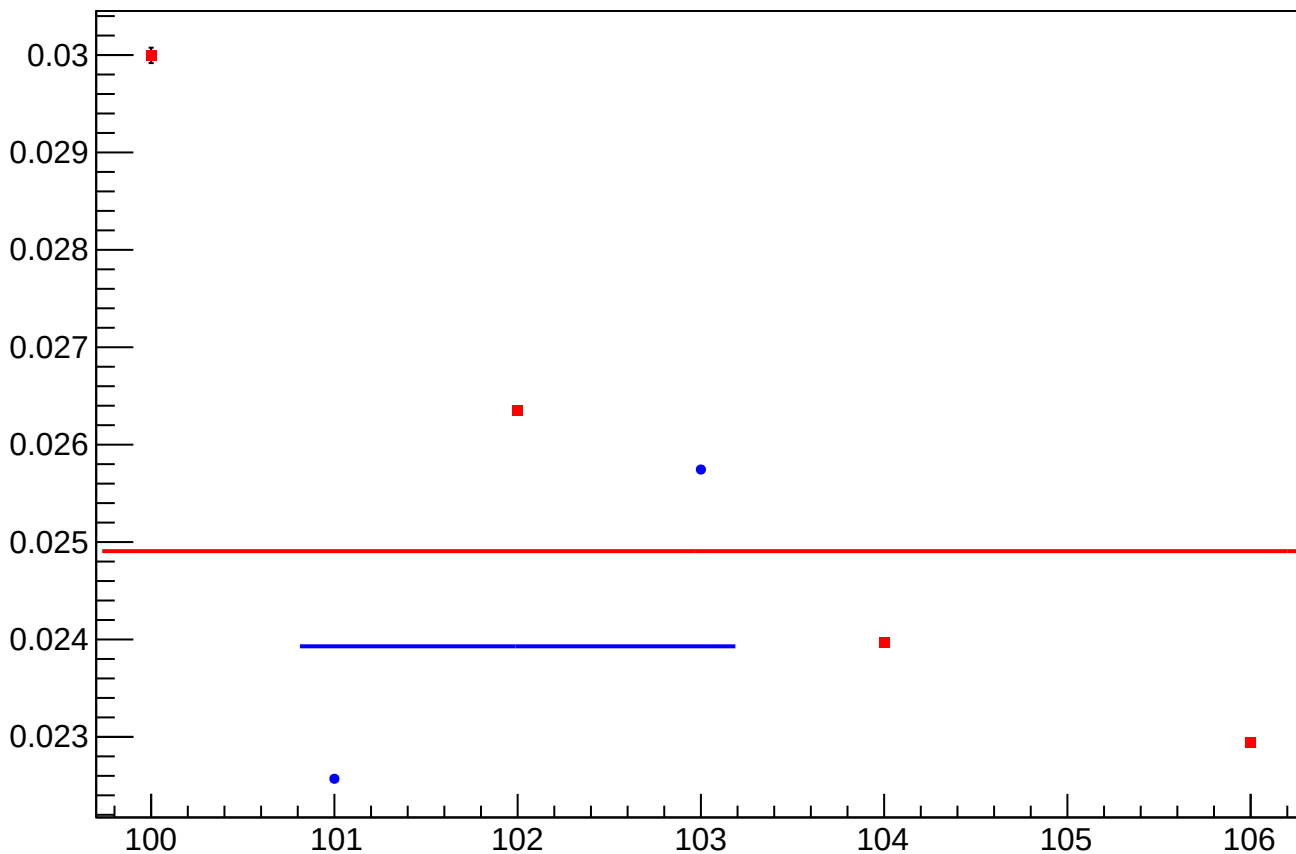
Right: 21.444+/-0.000 χ^2/NDF : 108117519.8/5

In: 21.445+/-0.000 χ^2/NDF : 33529749.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.444+/-0.000 χ^2/NDF : 108117519.8/5

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 9843.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 12676.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

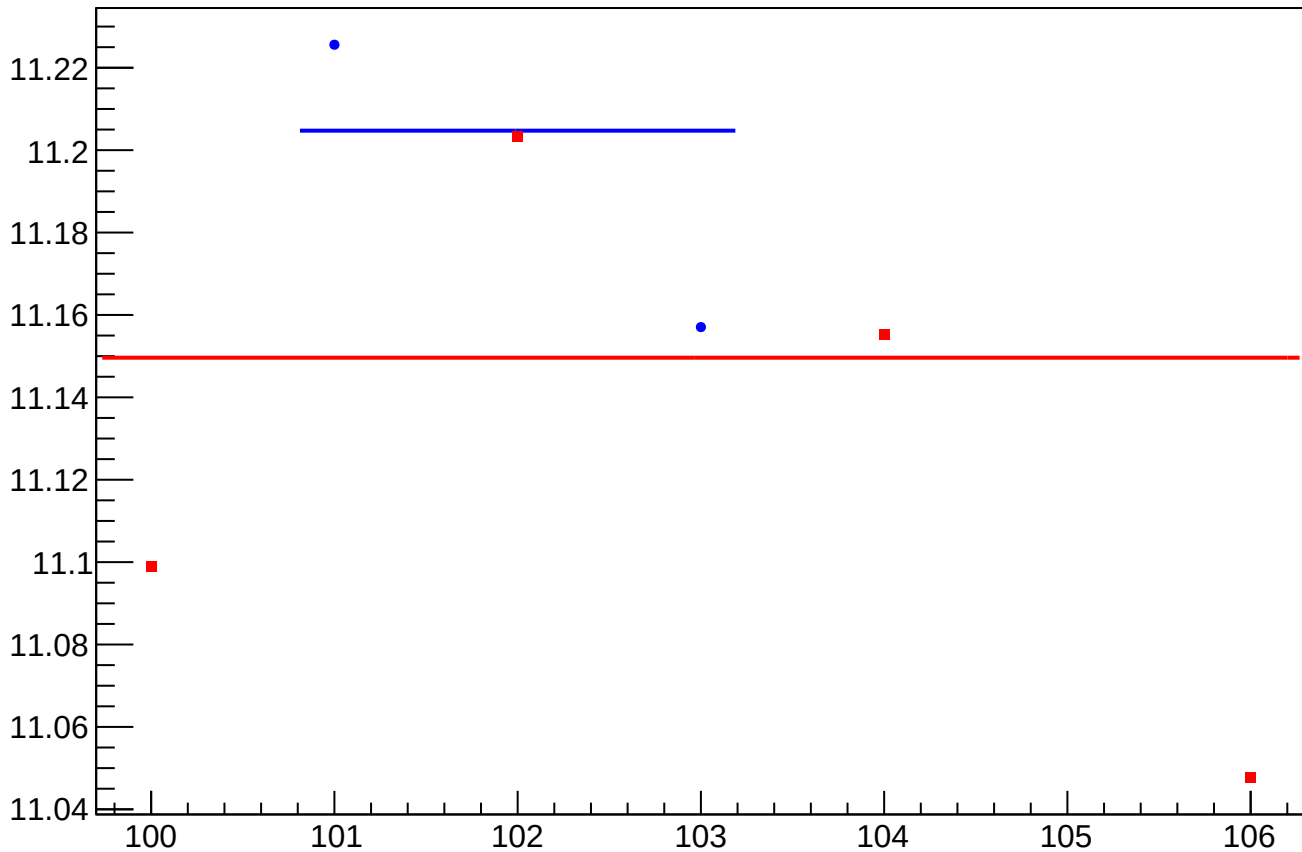
Right: 0.024+/-0.000 χ^2/NDF : 24534.0/5

In: 0.024+/-0.000 χ^2/NDF : 9843.4/1

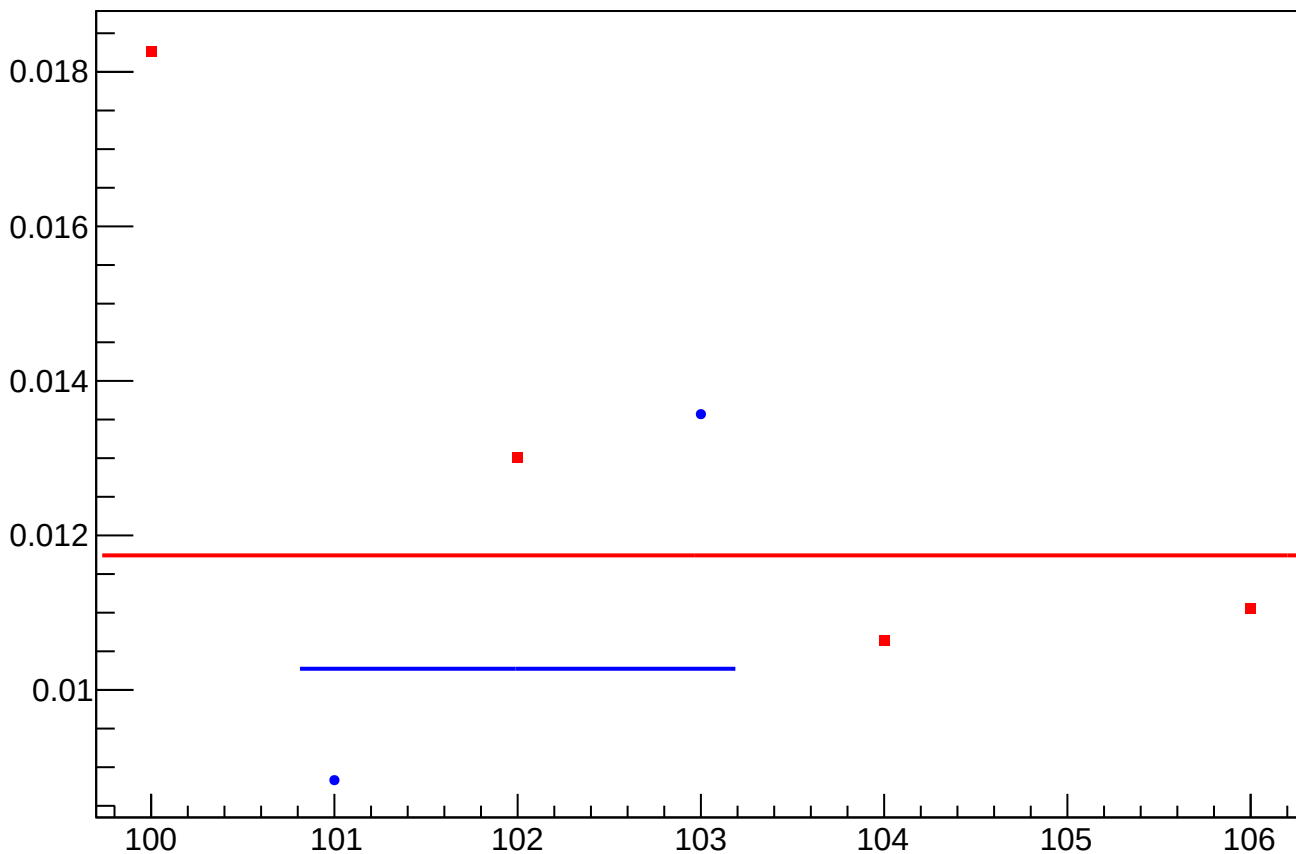
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 24534.0/5

yield_sam6_mean vs Slug, Sign Corrected



yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 98540.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 42016.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

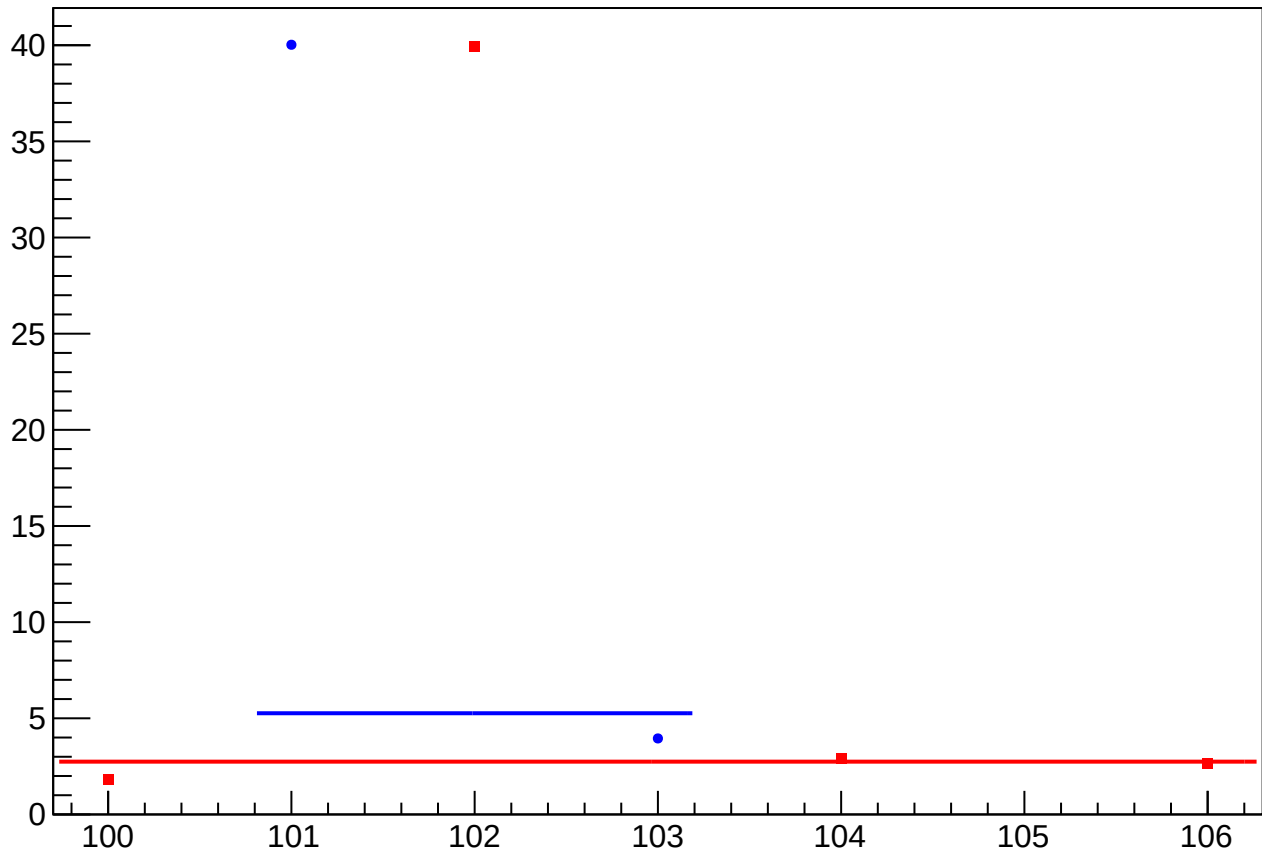
Right: 0.011+/-0.000 χ^2/NDF : 162433.6/5

In: 0.010+/-0.000 χ^2/NDF : 98540.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 162433.6/5

yield_sam7_mean vs Slug, Sign Corrected



Right In: 5.263+/-0.000 χ^2/NDF : 53749460475.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.746+/-0.000 χ^2/NDF : 59783187973.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

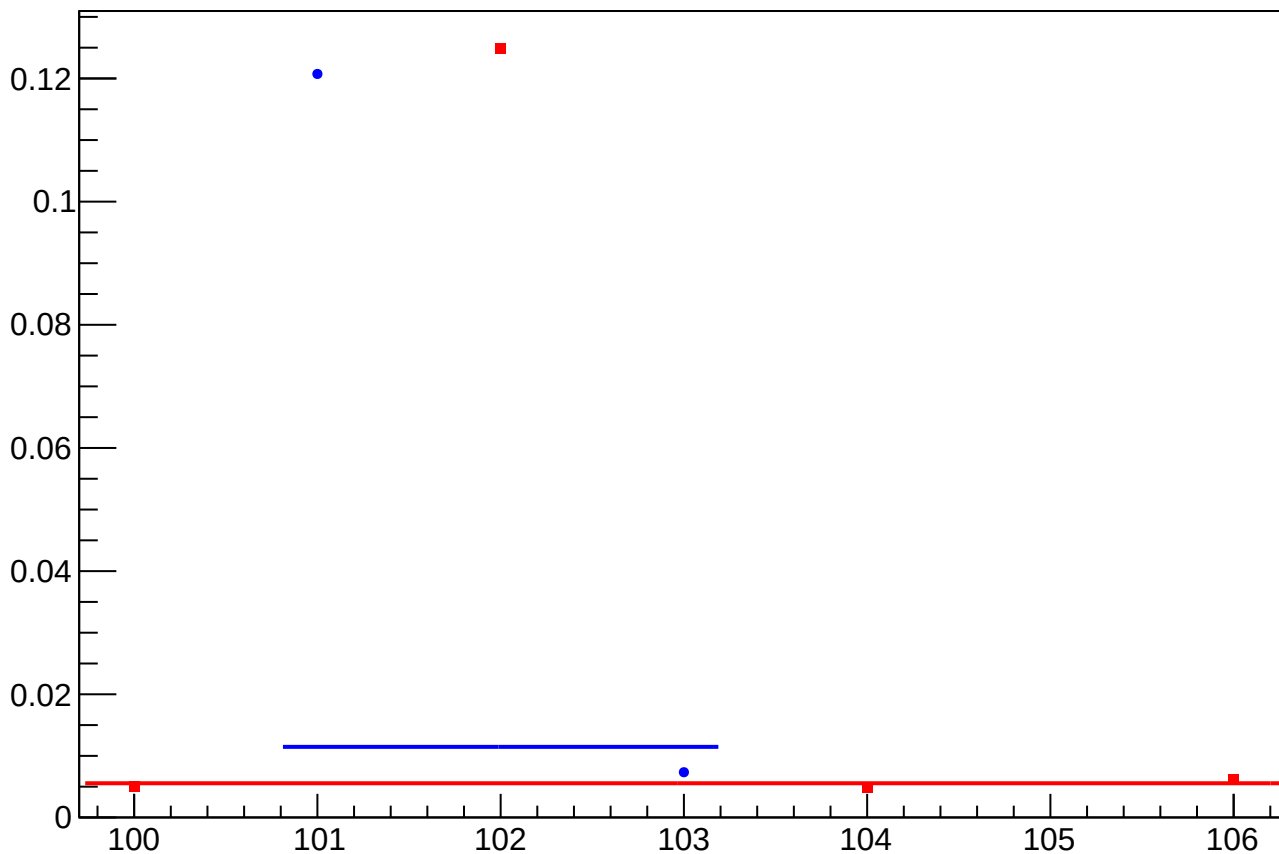
Right: 2.874+/-0.000 χ^2/NDF : 120629381868.9/5

In: 5.263+/-0.000 χ^2/NDF : 53749460475.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.874+/-0.000 χ^2/NDF : 120629381868.9

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1062270.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1193682.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

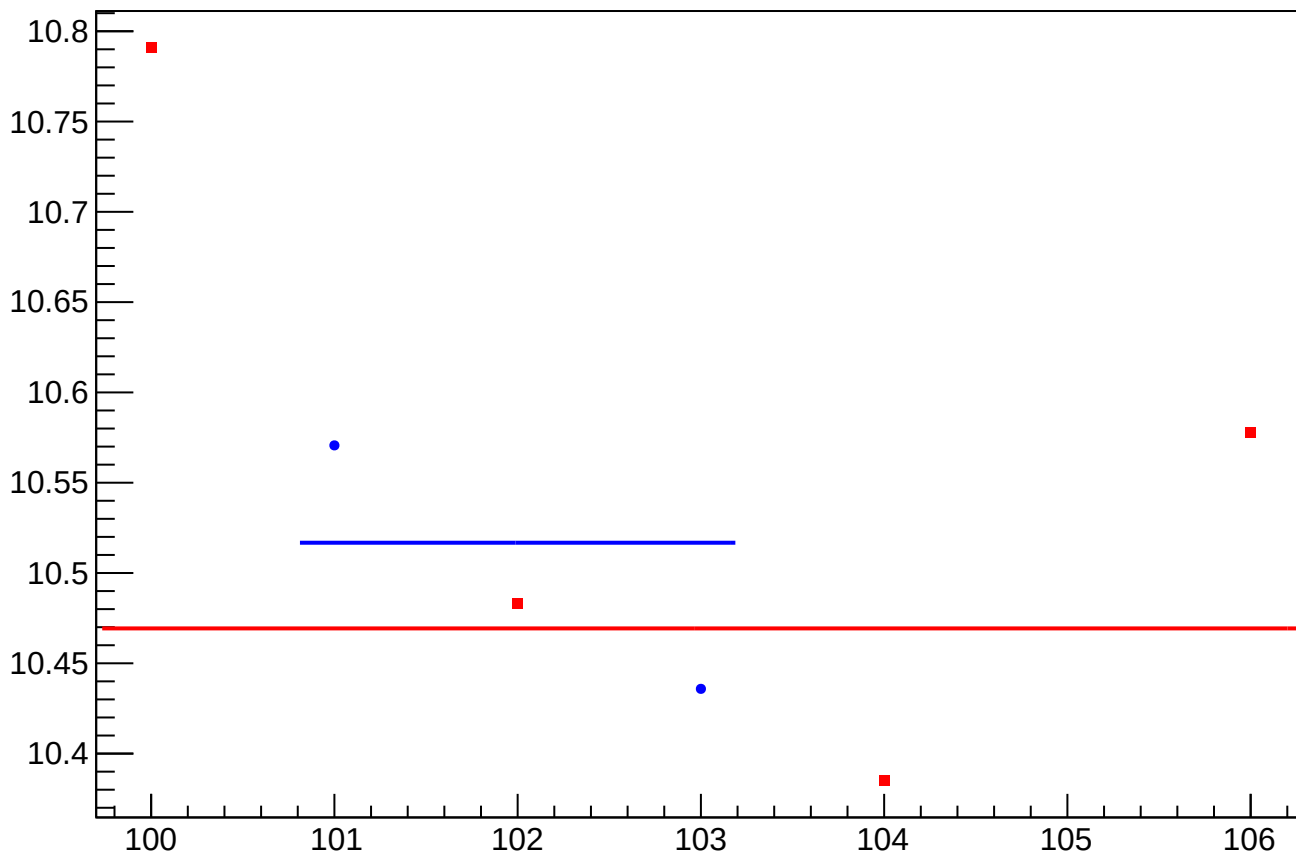
Right: 0.006+/-0.000 χ^2/NDF : 2334205.2/5

In: 0.011+/-0.000 χ^2/NDF : 1062270.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2334205.2/5

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.517+/-0.000 χ^2/NDF : 40604682.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.469+/-0.000 χ^2/NDF : 103704846.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

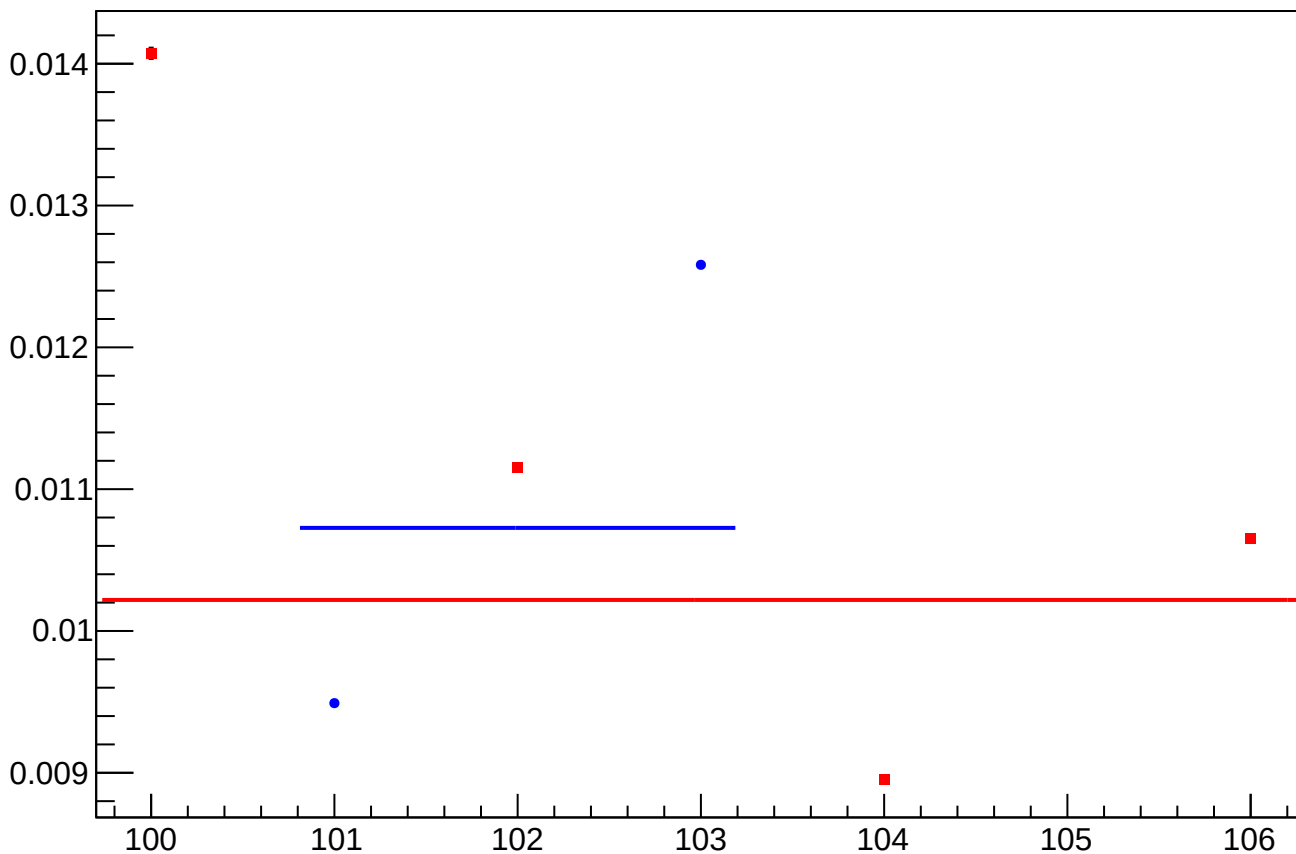
Right: 10.489+/-0.000 χ^2/NDF : 156579591.5/5

In: 10.517+/-0.000 χ^2/NDF : 40604682.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.489+/-0.000 χ^2/NDF : 156579591.5/5

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 42683.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 36228.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

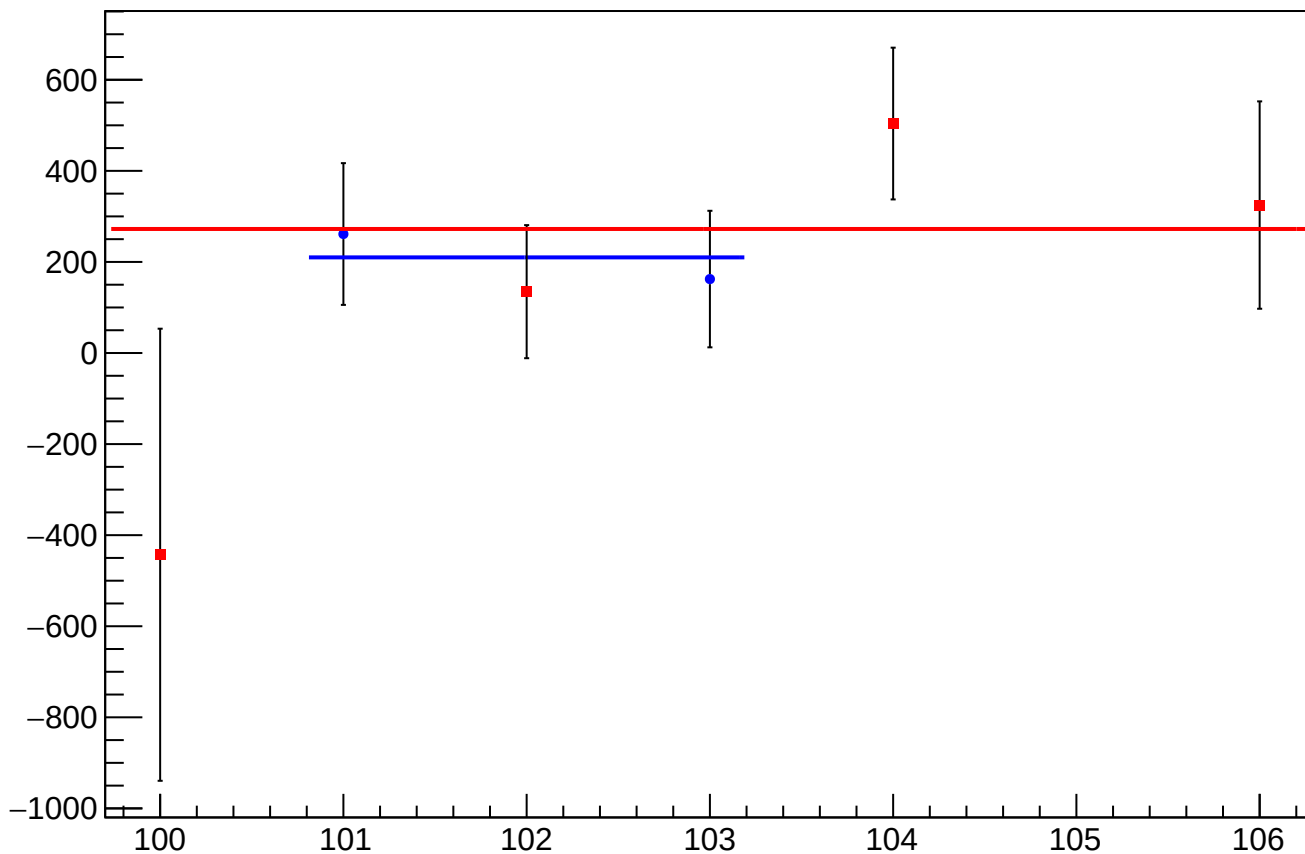
Right: 0.010+/-0.000 χ^2/NDF : 81725.9/5

In: 0.011+/-0.000 χ^2/NDF : 42683.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 81725.9/5

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 209.992 $\pm$ 107.974 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 272.386 $\pm$ 97.038 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

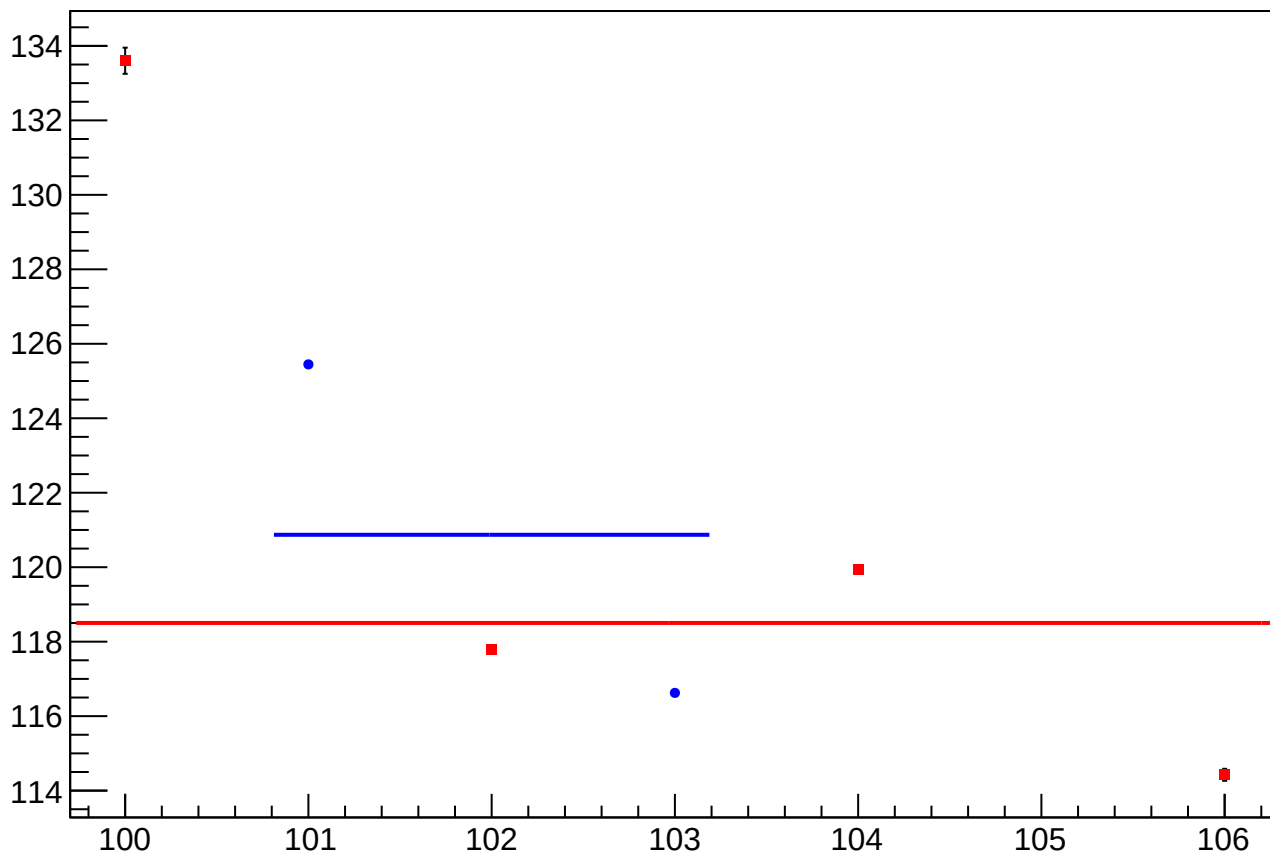
Right: 244.508 $\pm$ 72.174 χ^2 /NDF: 5.3/5

In: 209.992 $\pm$ 107.974 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 244.508 $\pm$ 72.174 χ^2 /NDF: 5.3/5

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.503+/-0.069 χ^2/NDF : 2687.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

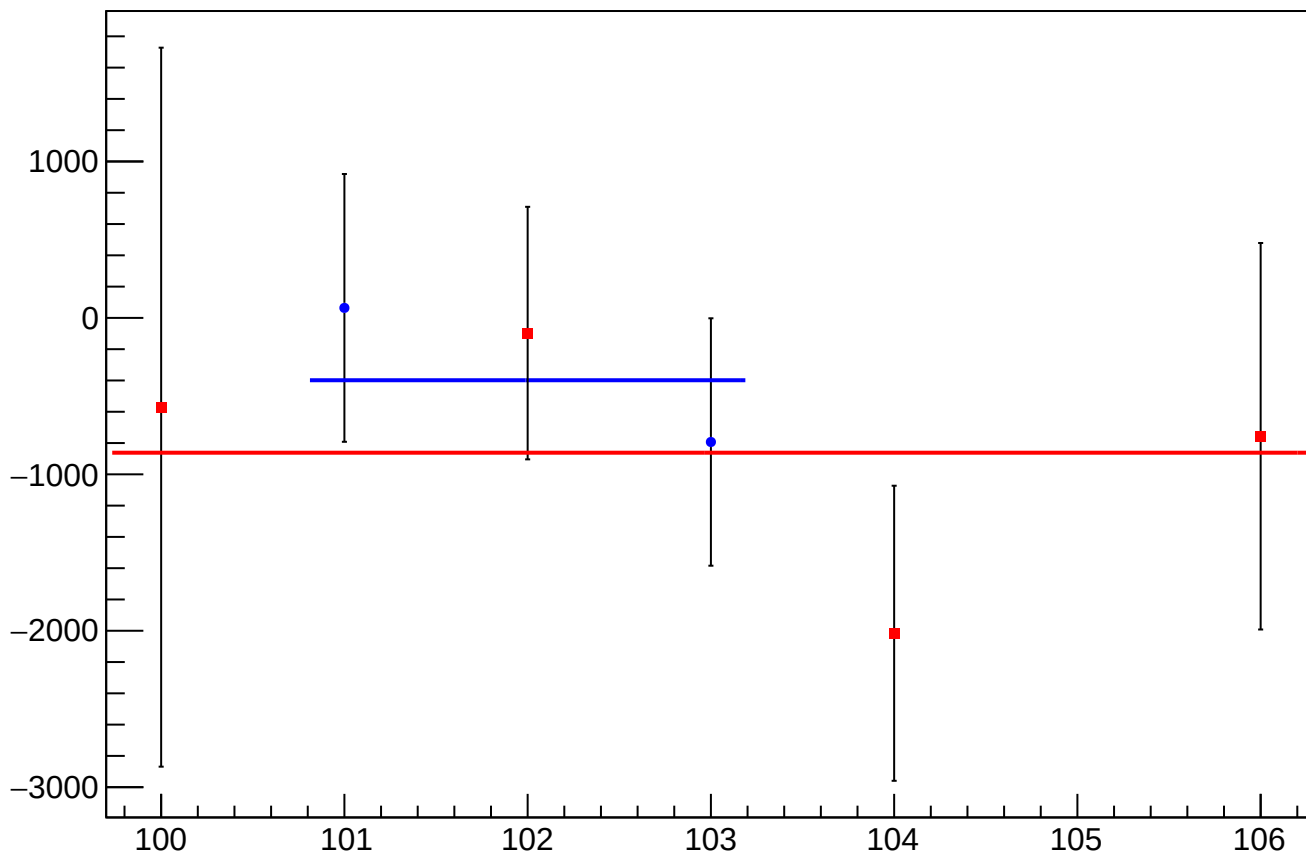
Right: 119.561+/-0.051 χ^2/NDF : 6553.0/5

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.561+/-0.051 χ^2/NDF : 6553.0/5

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -398.530 ± 580.871 χ^2/NDF : 0.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -861.758 ± 534.259 χ^2/NDF : 2.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

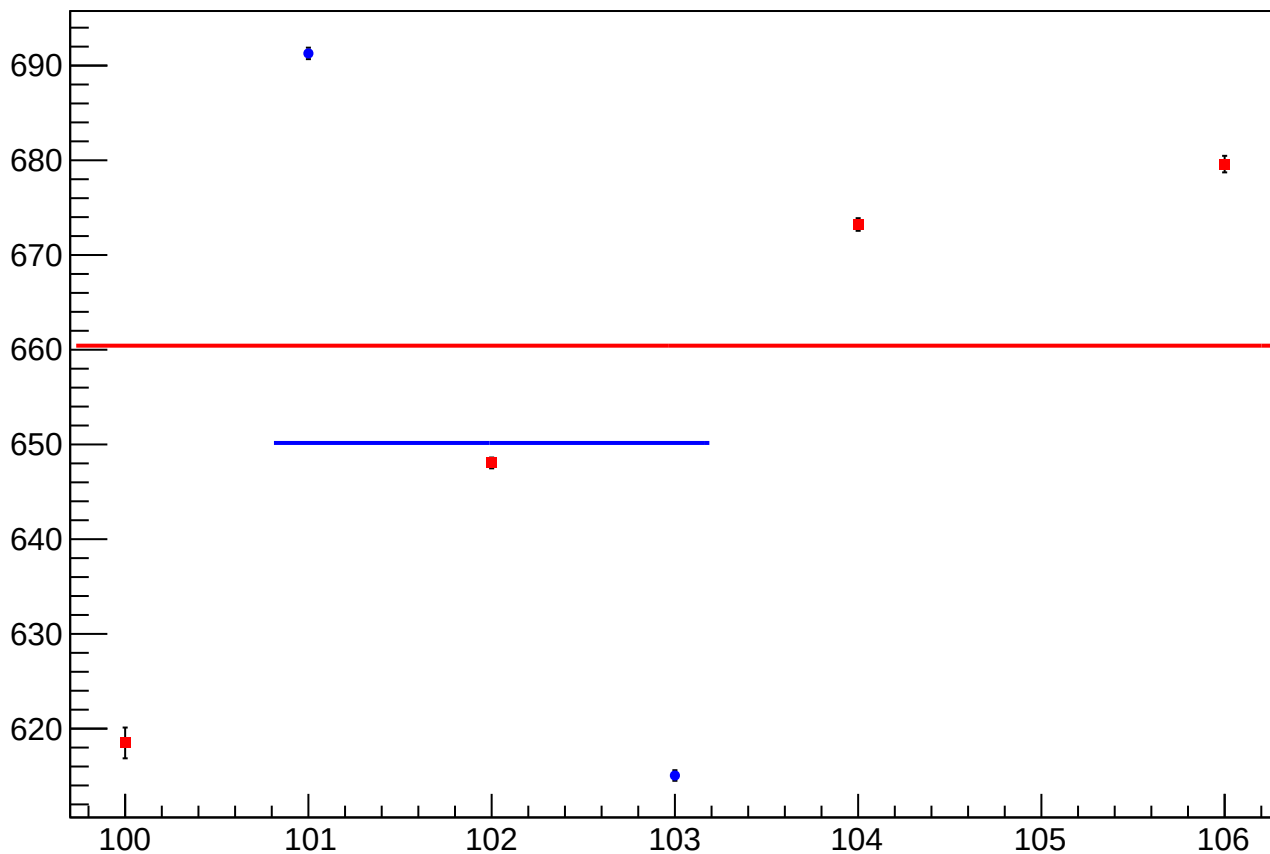
Right: -649.473 ± 393.226 χ^2/NDF : 3.3/5

In: -398.530 ± 580.871 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -649.473 ± 393.226 χ^2/NDF : 3.3/5

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 650.159 $\pm$ 0.411 χ^2 /NDF: 8558.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 660.429 $\pm$ 0.378 χ^2 /NDF: 1986.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

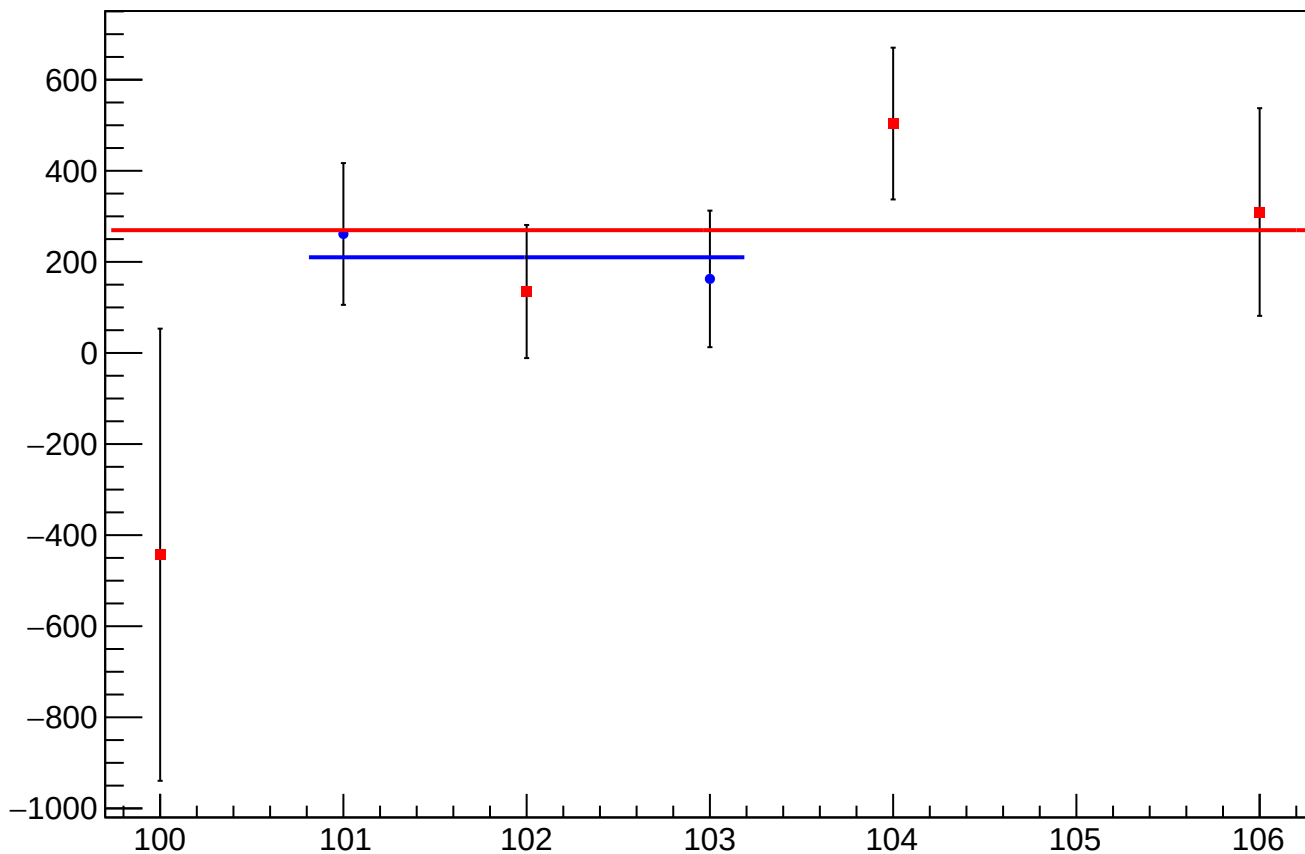
Right: 655.723 $\pm$ 0.278 χ^2 /NDF: 10882.8/5

In: 650.159 $\pm$ 0.411 χ^2 /NDF:8558.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 655.723 $\pm$ 0.278 χ^2 /NDF: 10882.8/5

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 210.121 $\pm$ 107.974 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 269.620 $\pm$ 97.065 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

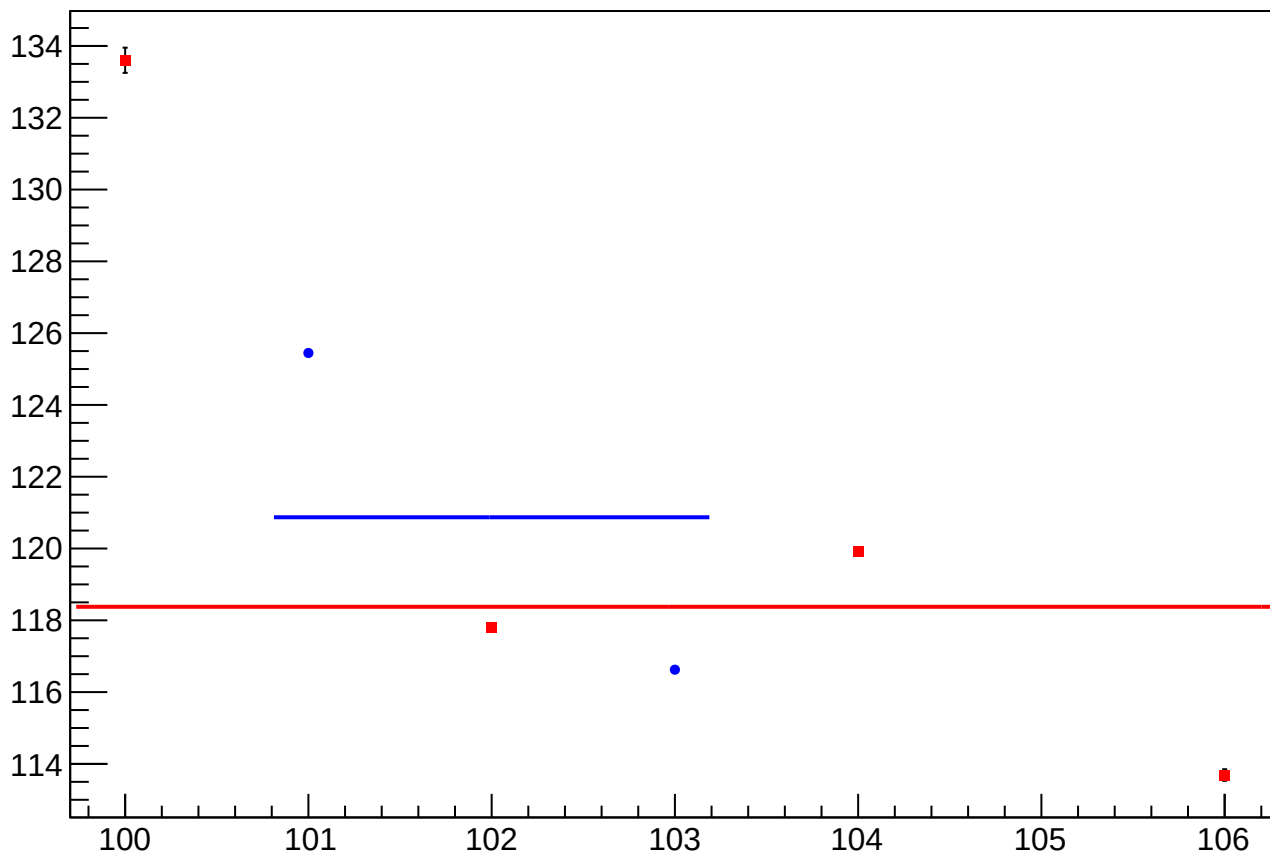
Right: 243.028 $\pm$ 72.185 χ^2 /NDF: 5.3/5

In: 210.121 $\pm$ 107.974 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 243.028 $\pm$ 72.185 χ^2 /NDF: 5.3/5

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.377+/-0.069 χ^2/NDF : 2932.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

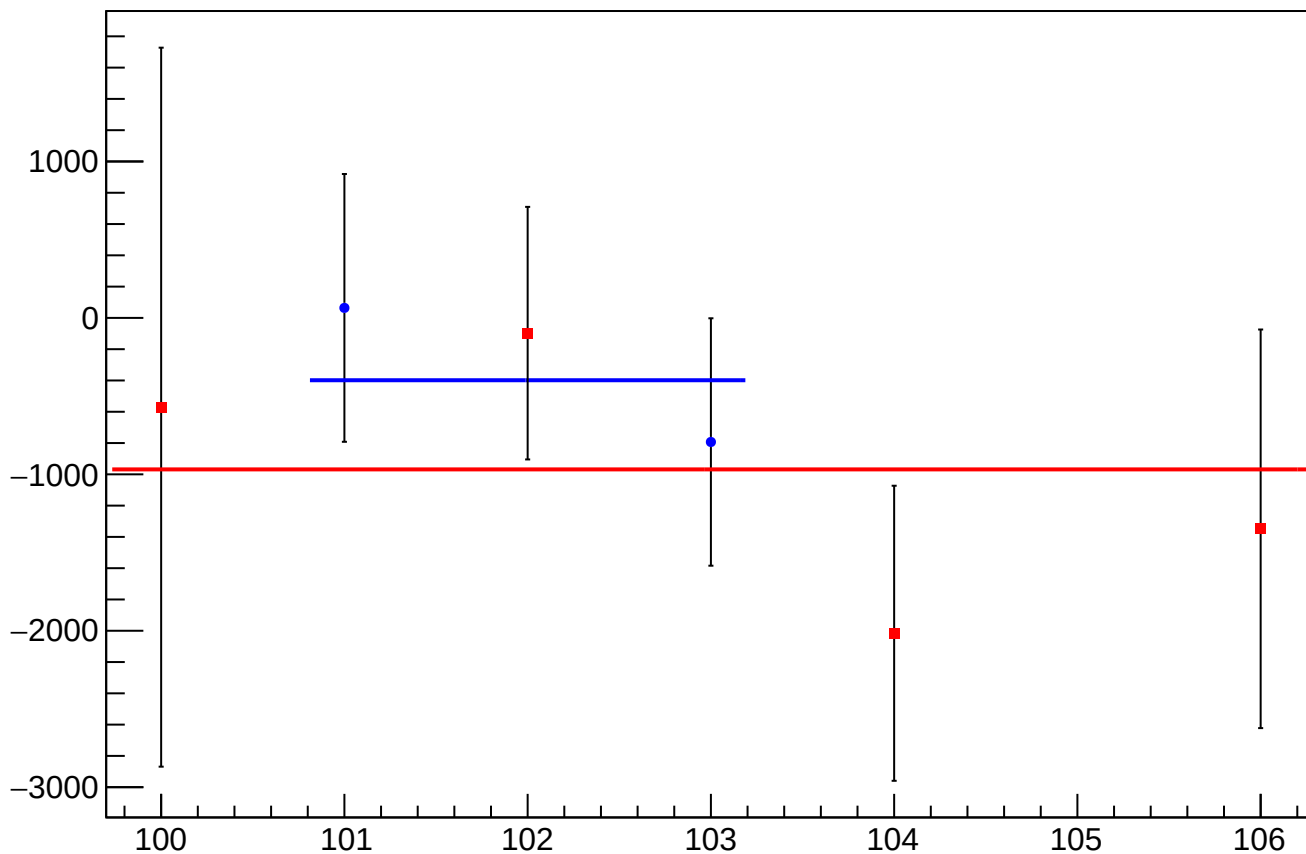
Right: 119.491+/-0.051 χ^2/NDF : 6856.0/5

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.491+/-0.051 χ^2/NDF : 6856.0/5

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -398.502 $\pm$ 580.869 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -968.452 $\pm$ 537.289 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

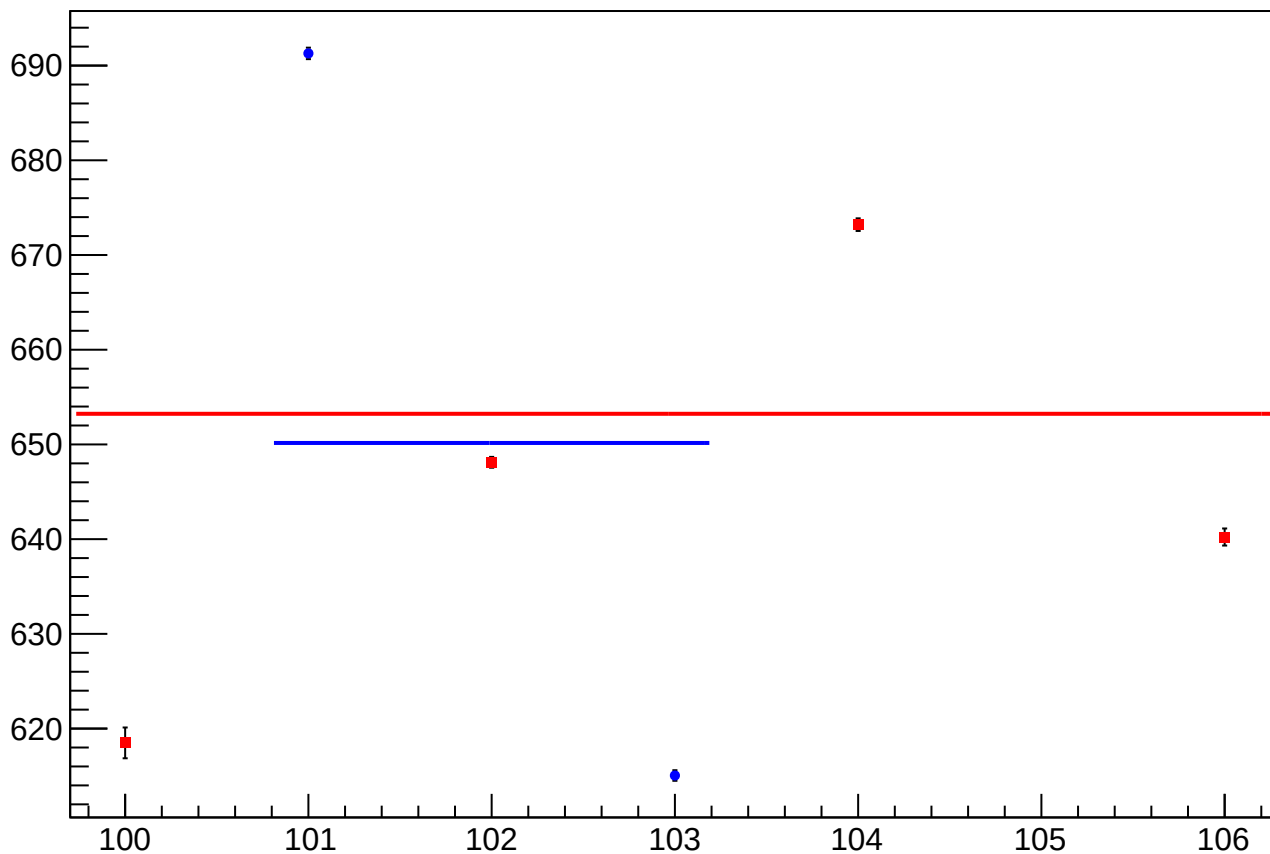
Right: -705.657 $\pm$ 394.429 χ^2 /NDF: 3.6/5

In: -398.502 $\pm$ 580.869 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -705.657 $\pm$ 394.429 χ^2 /NDF: 3.6/5

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 653.235 ± 0.380 $\chi^2/\text{NDF}: 1642.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

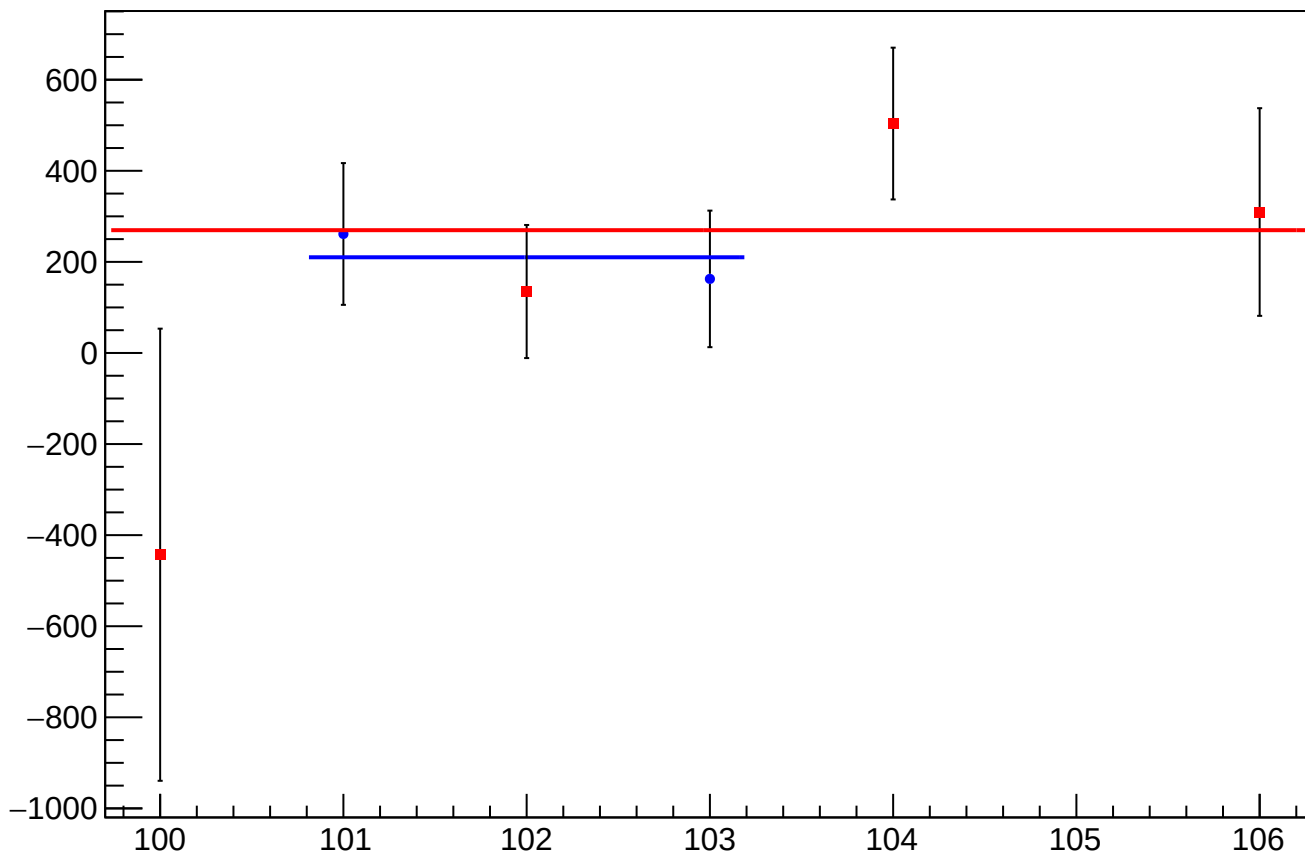
Right: 651.816 ± 0.279 $\chi^2/\text{NDF}: 10233.0/5$

In: 650.156 ± 0.411 $\chi^2/\text{NDF}: 8559.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 651.816 ± 0.279 $\chi^2/\text{NDF}: 10233.0/5$

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.620+/-97.065 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

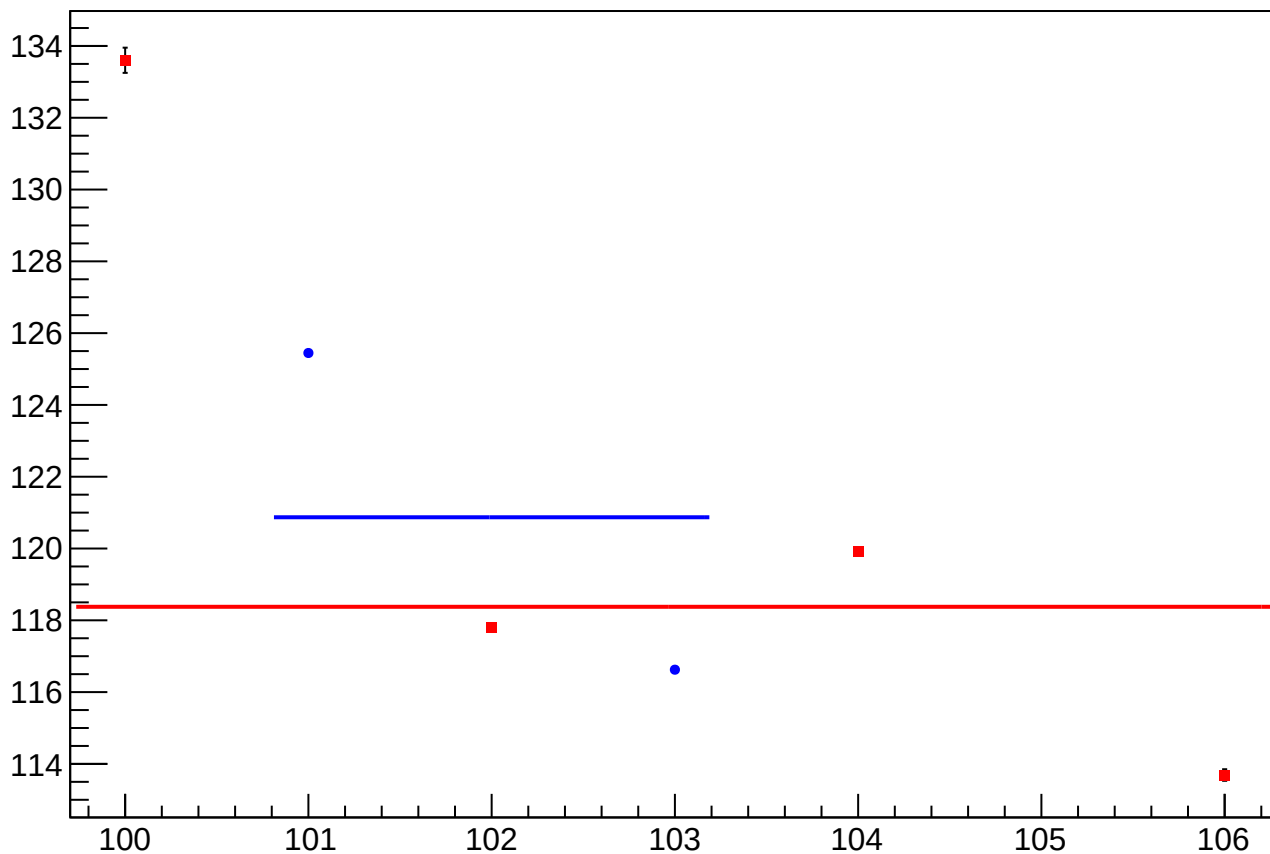
Right: 243.028+/-72.185 χ^2/NDF : 5.3/5

In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.028+/-72.185 χ^2/NDF : 5.3/5

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.377+/-0.069 χ^2/NDF : 2932.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

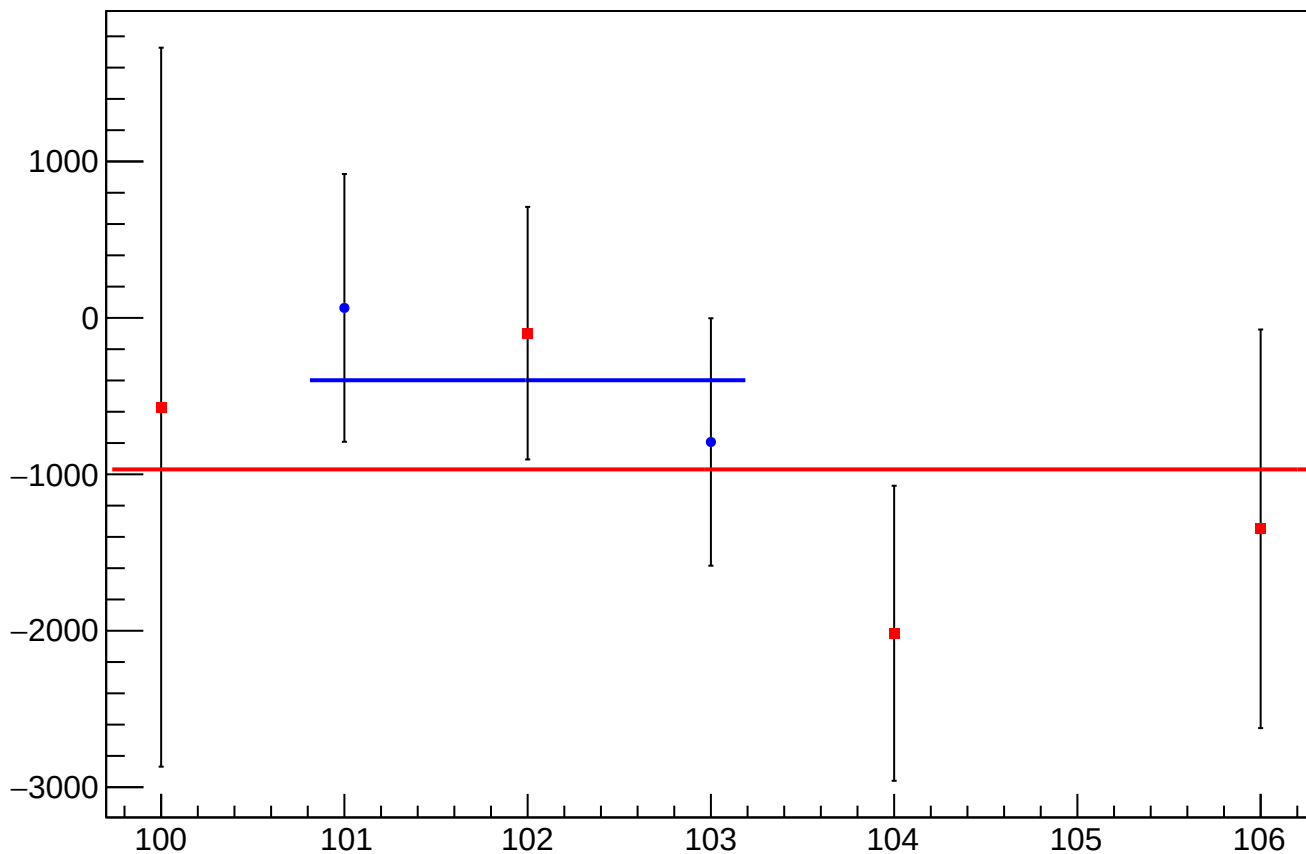
Right: 119.491+/-0.051 χ^2/NDF : 6856.0/5

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.491+/-0.051 χ^2/NDF : 6856.0/5

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -398.502+/-580.869 χ^2 /NDF: 0.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -968.452+/-537.289 χ^2 /NDF: 2.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

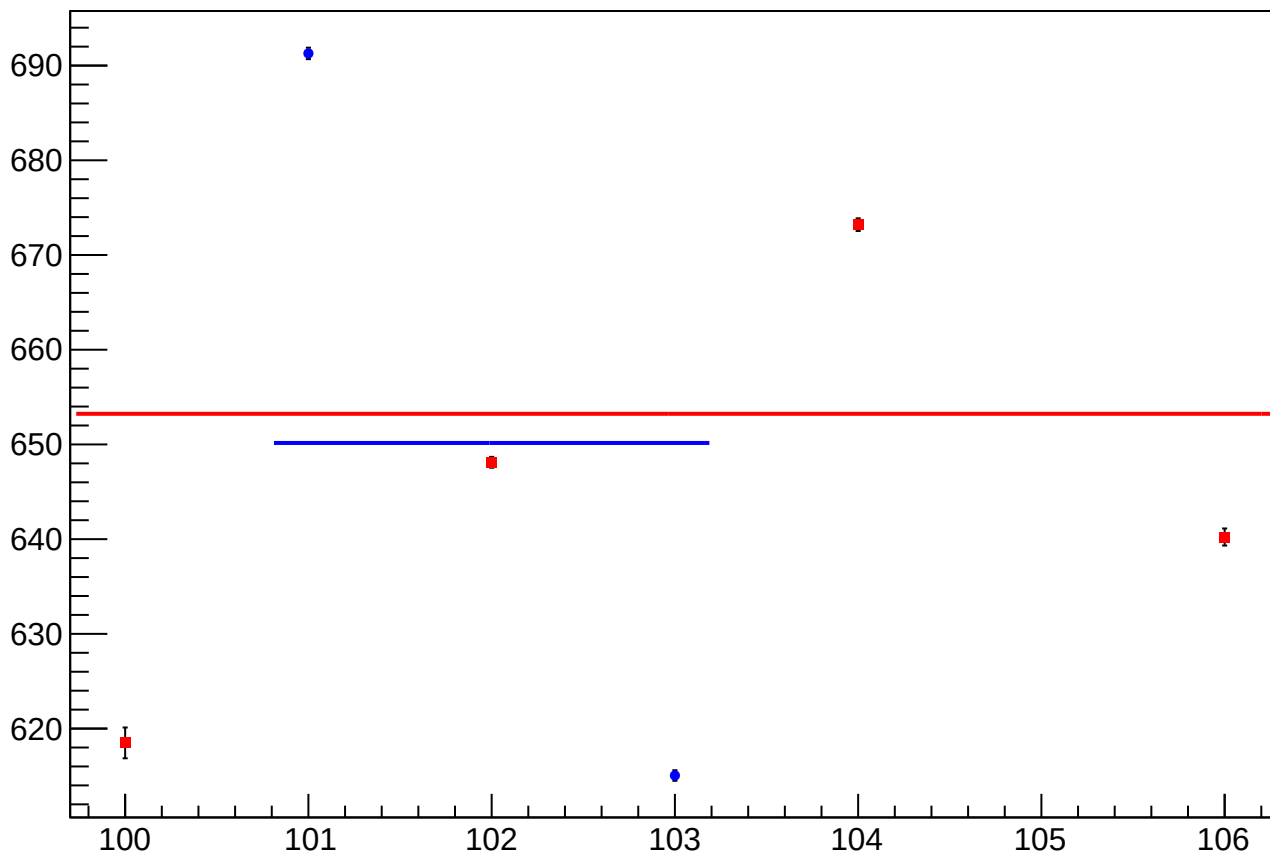
Right: -705.657+/-394.429 χ^2 /NDF: 3.6/5

In: -398.502+/-580.869 χ^2 /NDF: 0.5/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -705.657+/-394.429 χ^2 /NDF: 3.6/5

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 650.156+/-0.411 χ^2/NDF : 8559.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 653.235+/-0.380 χ^2/NDF : 1642.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

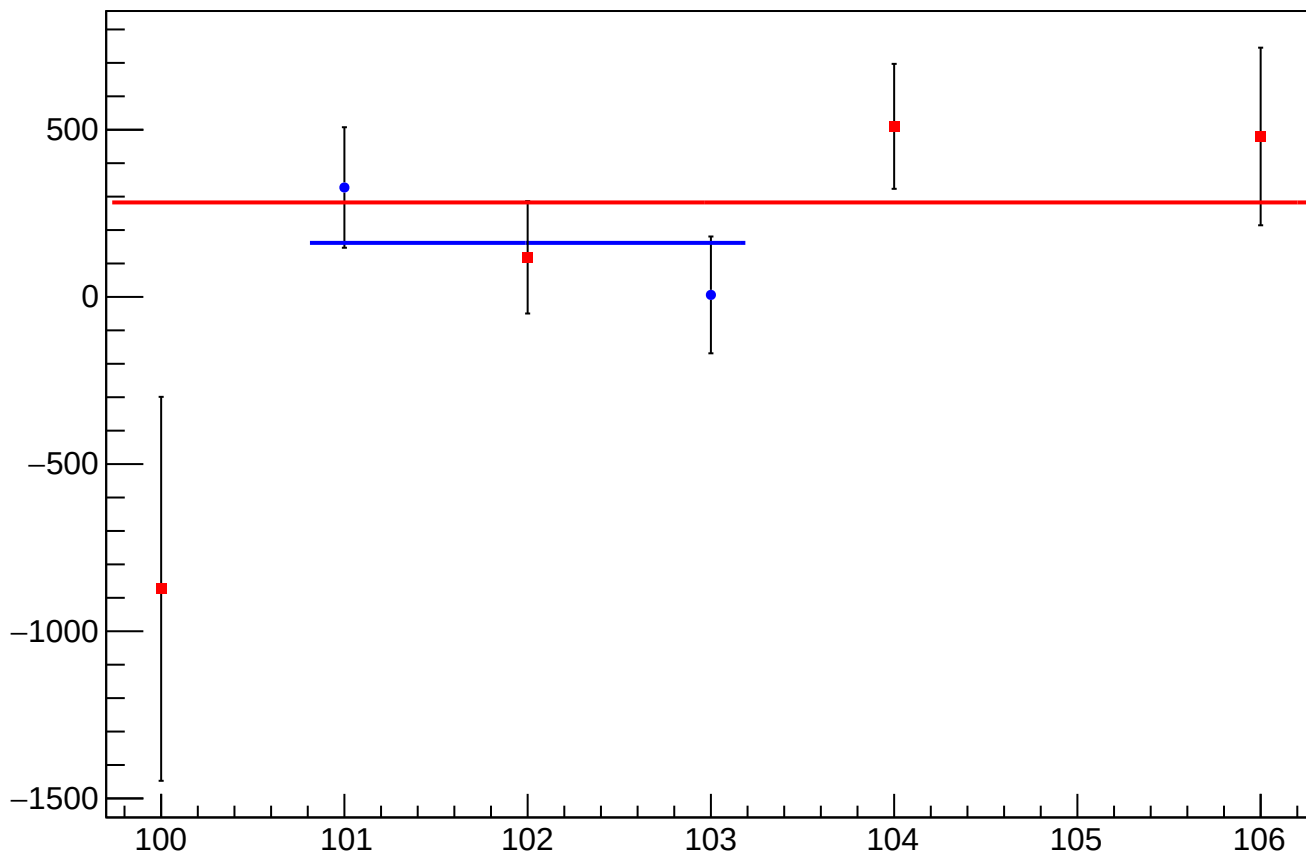
Right: 651.816+/-0.279 χ^2/NDF : 10233.0/5

In: 650.156+/-0.411 χ^2/NDF :8559.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 651.816+/-0.279 χ^2/NDF : 10233.0/5

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 161.647 $\pm$ 125.442 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 282.593 $\pm$ 110.946 χ^2 /NDF: 7.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

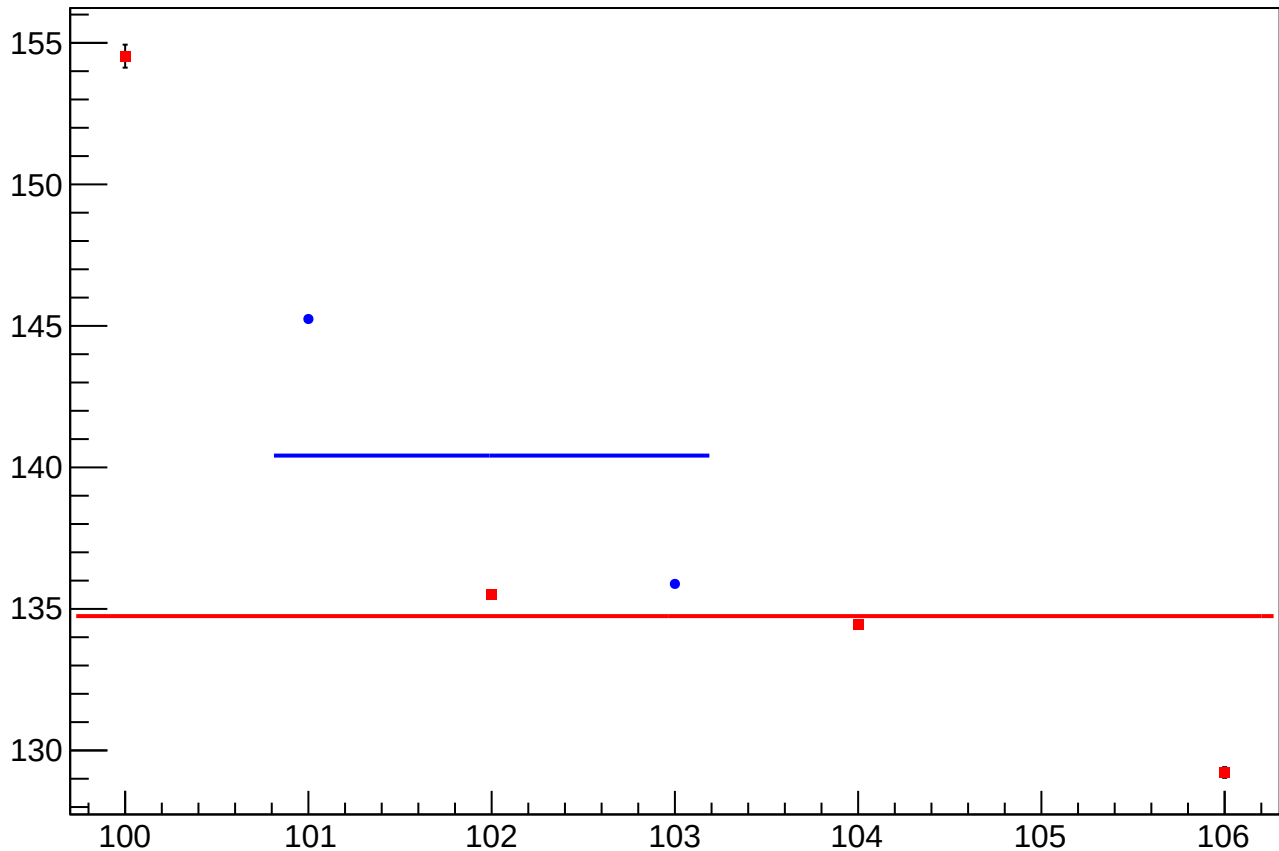
Right: 229.509 $\pm$ 83.105 χ^2 /NDF: 9.2/5

In: 161.647 $\pm$ 125.442 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.509 $\pm$ 83.105 χ^2 /NDF: 9.2/5

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 140.418 ± 0.089 χ^2/NDF : 2781.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 134.746 ± 0.078 χ^2/NDF : 3283.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

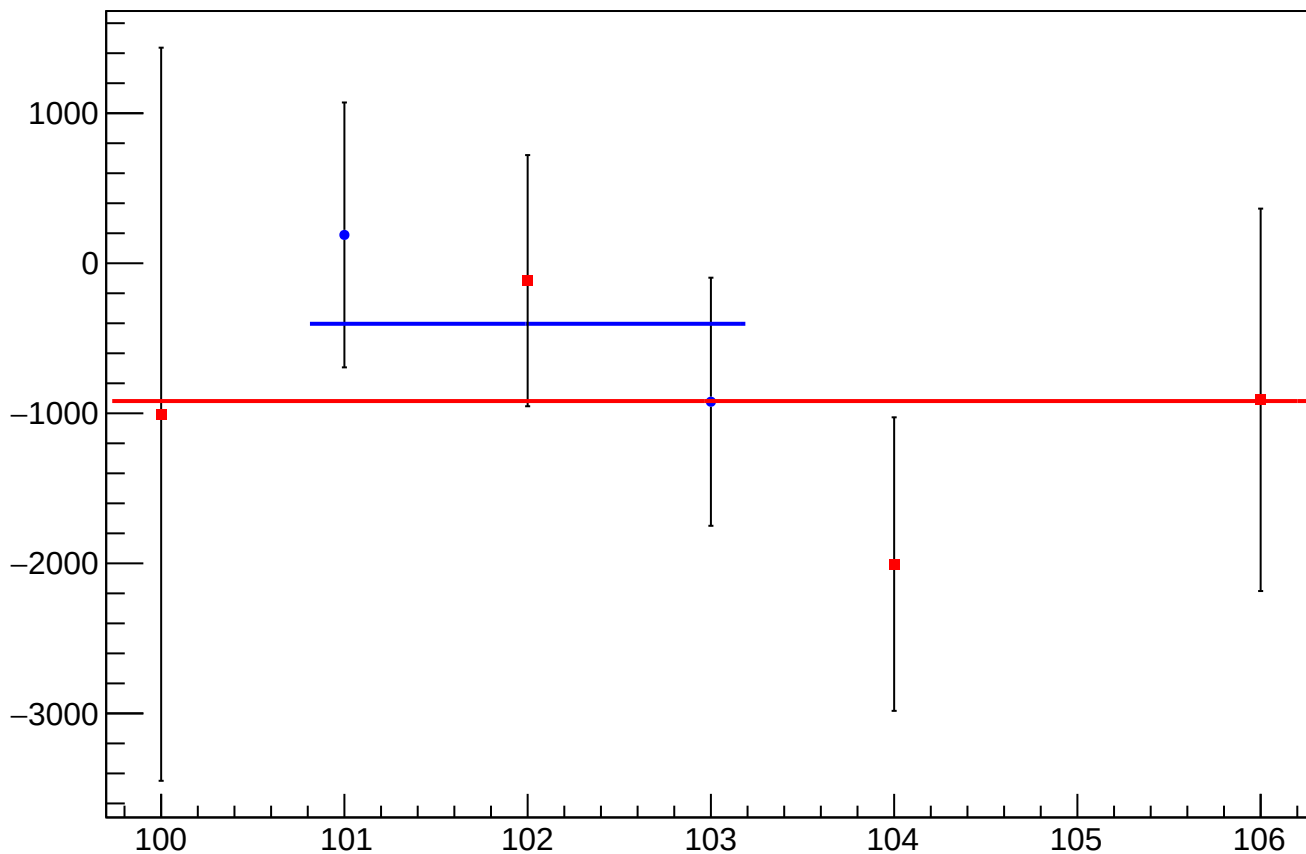
Right: 137.236 ± 0.059 χ^2/NDF : 8359.1/5

In: 140.418 ± 0.089 χ^2/NDF : 2781.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 137.236 ± 0.059 χ^2/NDF : 8359.1/5

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -403.345 $\pm$ 603.410 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -918.279 $\pm$ 554.186 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

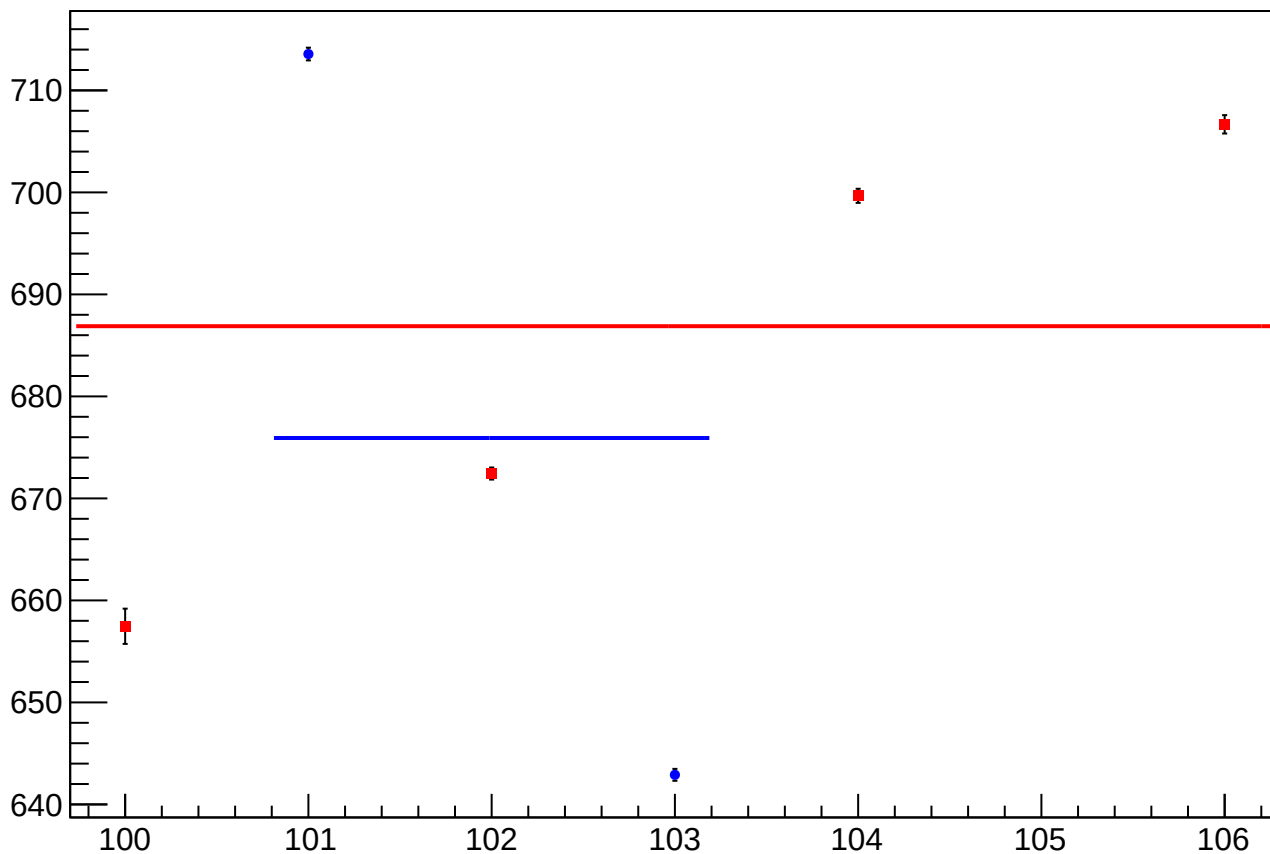
Right: -682.669 $\pm$ 408.163 χ^2 /NDF: 3.4/5

In: -403.345 $\pm$ 603.410 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -682.669 $\pm$ 408.163 χ^2 /NDF: 3.4/5

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.923 ± 0.427 χ^2/NDF : 6827.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 686.883 ± 0.392 χ^2/NDF : 1709.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

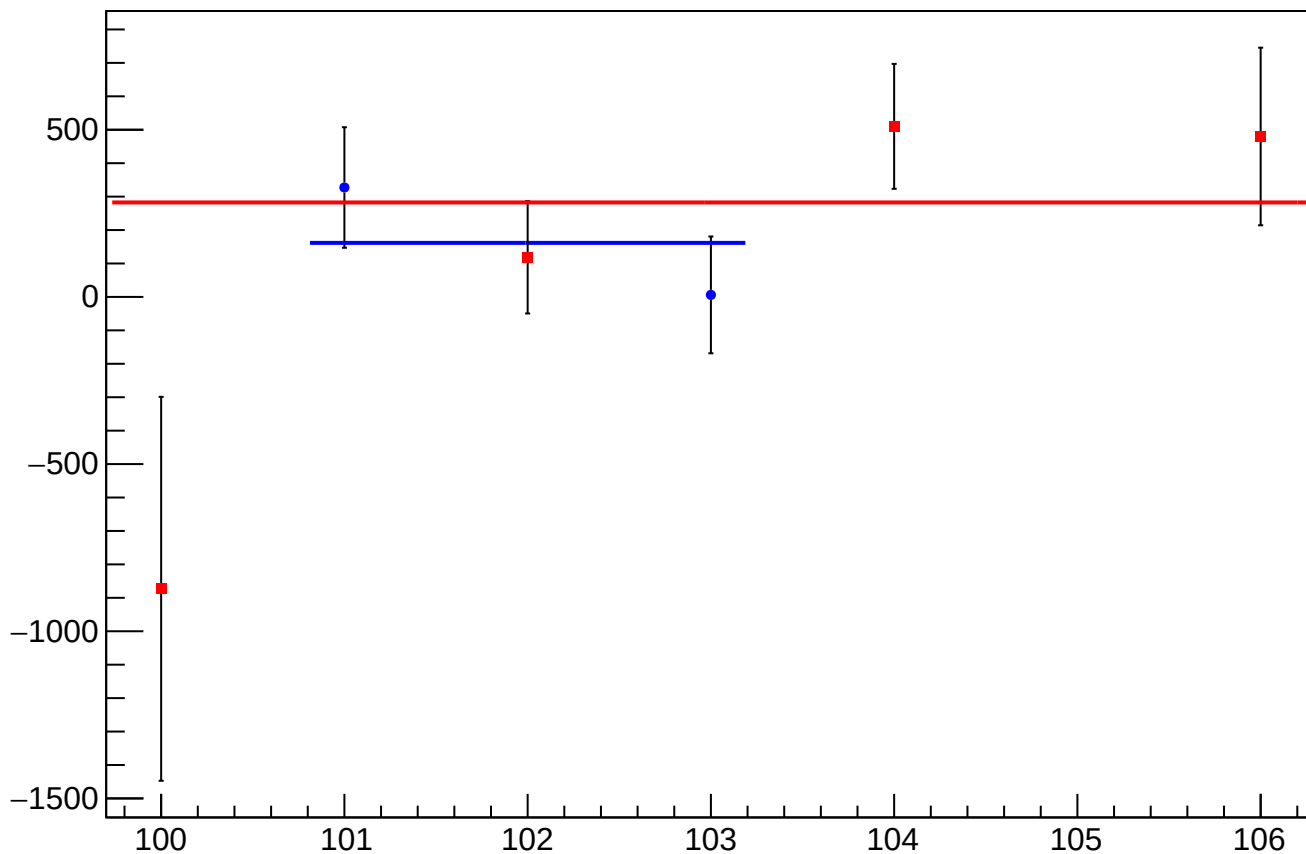
Right: 681.868 ± 0.289 χ^2/NDF : 8895.1/5

In: 675.923 ± 0.427 χ^2/NDF : 6827.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 681.868 ± 0.289 χ^2/NDF : 8895.1/5

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 161.648 $\pm$ 125.442 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 282.593 $\pm$ 110.946 χ^2 /NDF: 7.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

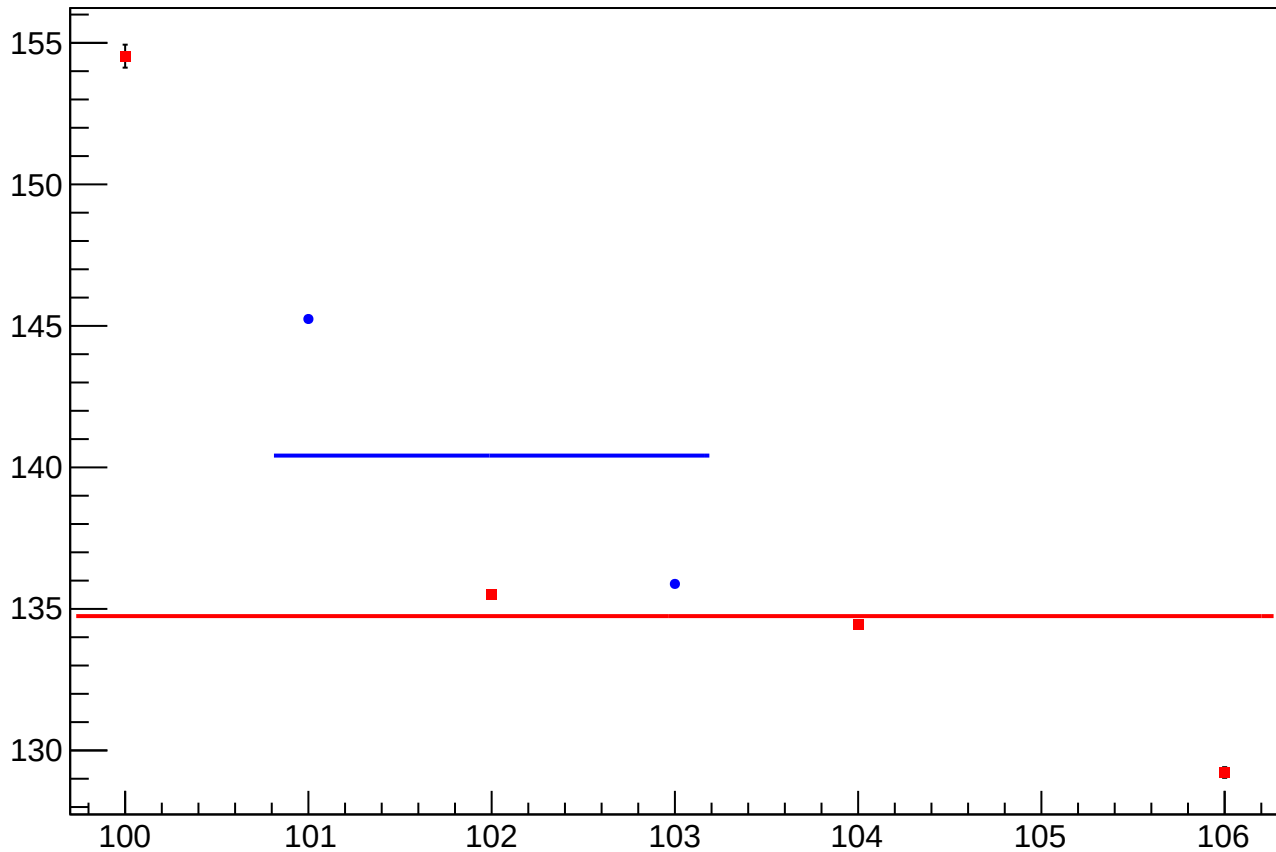
Right: 229.510 $\pm$ 83.105 χ^2 /NDF: 9.2/5

In: 161.648 $\pm$ 125.442 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.510 $\pm$ 83.105 χ^2 /NDF: 9.2/5

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 140.418+/-0.089 χ^2/NDF : 2781.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.746+/-0.078 χ^2/NDF : 3283.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

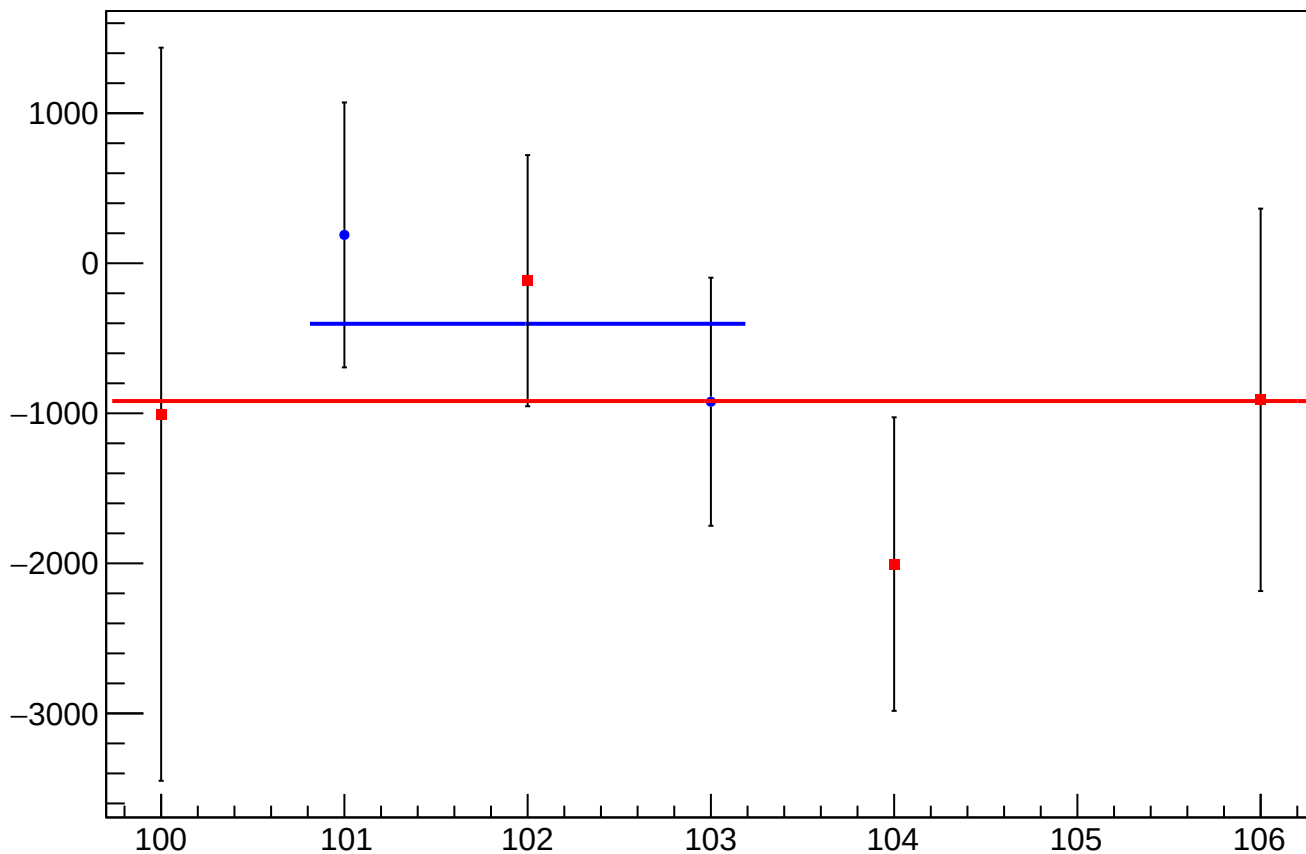
Right: 137.235+/-0.059 χ^2/NDF : 8359.0/5

In: 140.418+/-0.089 χ^2/NDF : 2781.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.235+/-0.059 χ^2/NDF : 8359.0/5

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -403.343+/-603.409 χ^2 /NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -918.278+/-554.185 χ^2 /NDF: 2.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

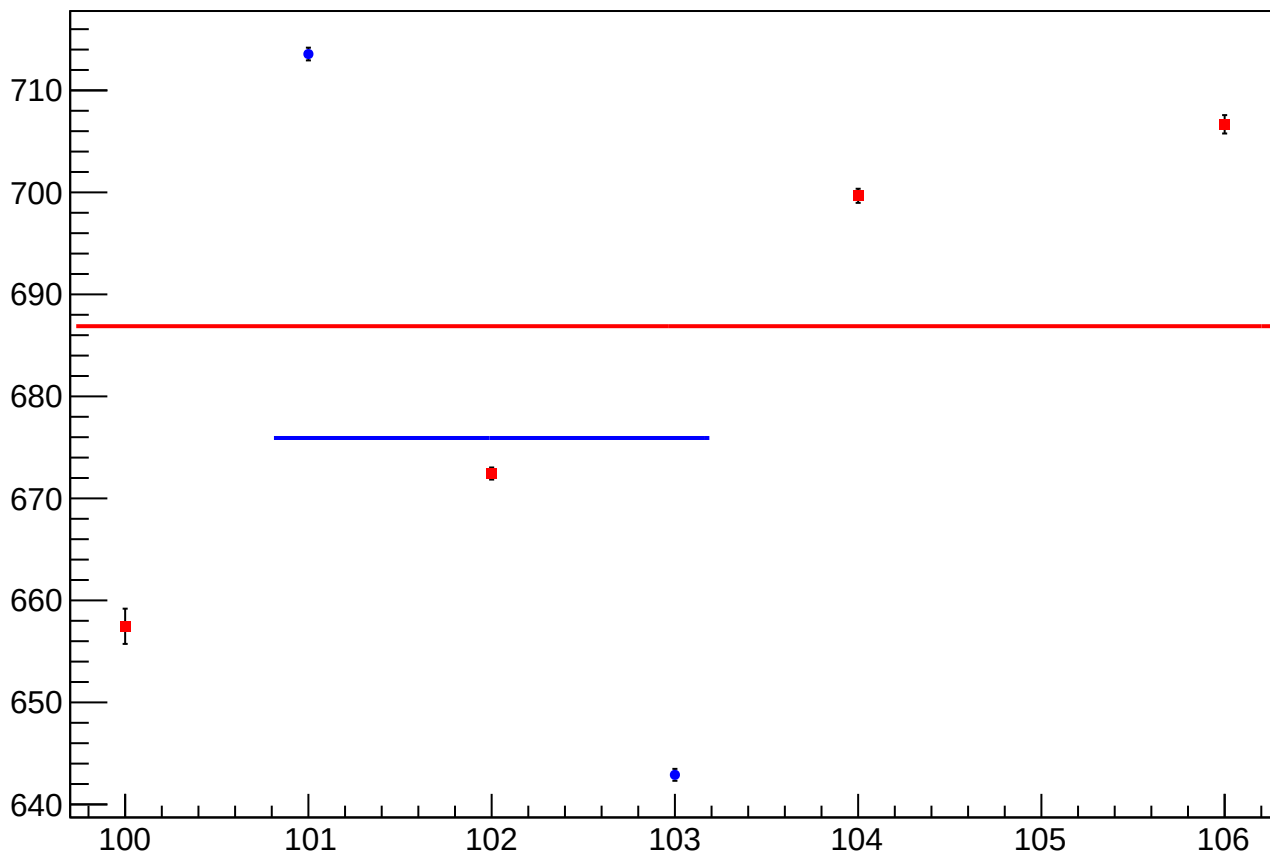
Right: -682.668+/-408.163 χ^2 /NDF: 3.4/5

In: -403.343+/-603.409 χ^2 /NDF:0.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -682.668+/-408.163 χ^2 /NDF: 3.4/5

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 675.922+/-0.427 χ^2/NDF : 6827.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.882+/-0.392 χ^2/NDF : 1709.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

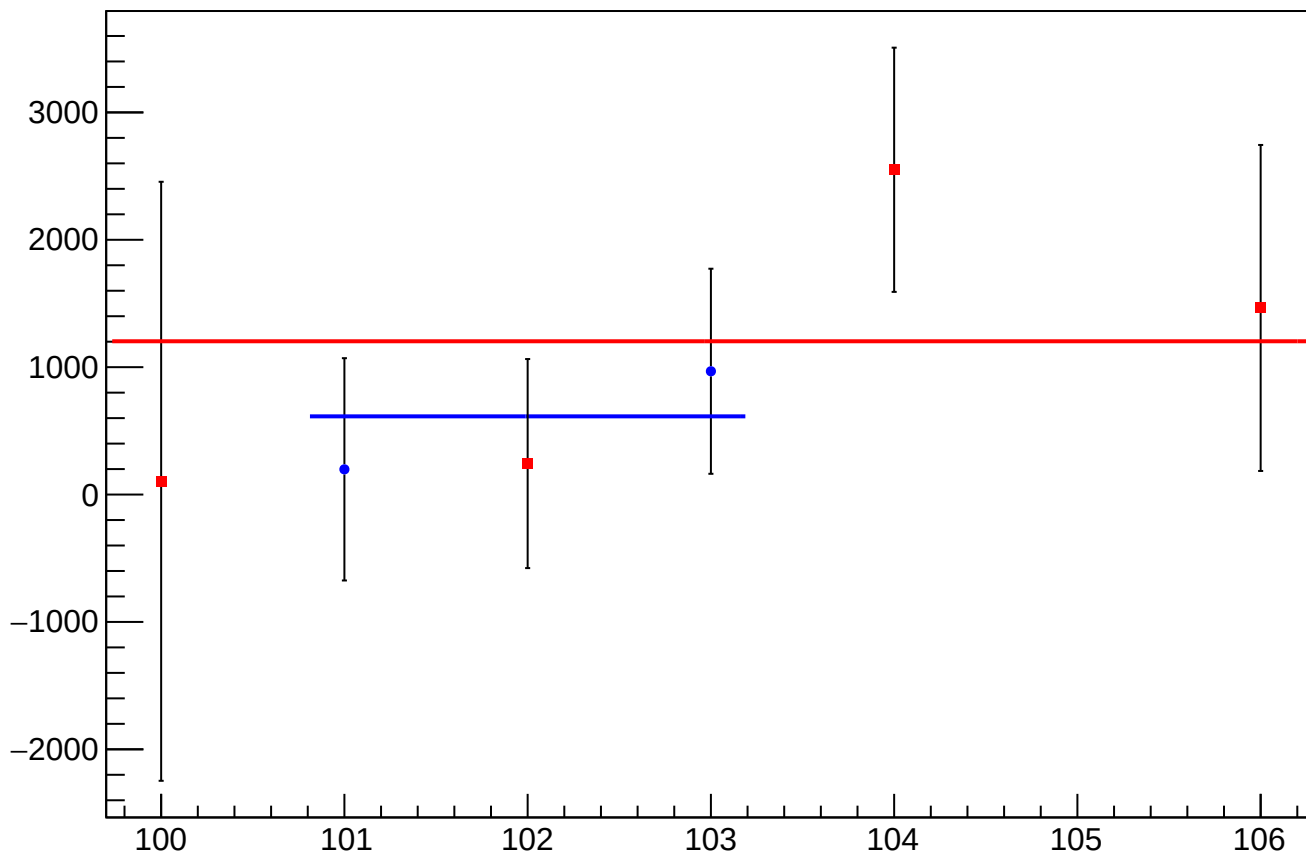
Right: 681.867+/-0.289 χ^2/NDF : 8895.2/5

In: 675.922+/-0.427 χ^2/NDF : 6827.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.867+/-0.289 χ^2/NDF : 8895.2/5

asym_sam1_mean vs Slug, Sign Corrected



Right In: 613.935+/-591.660 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.379+/-545.147 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

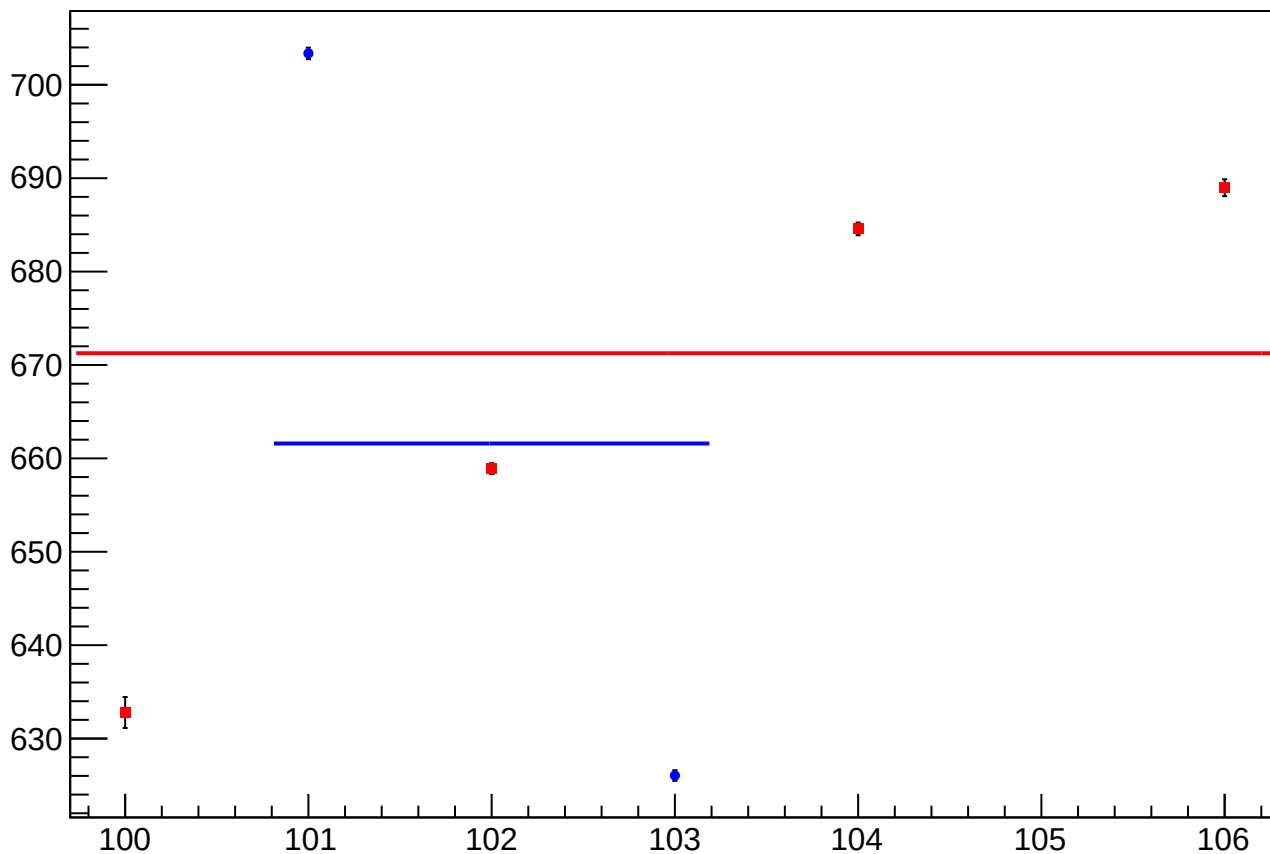
Right: 932.734+/-400.913 χ^2/NDF : 4.6/5

In: 613.935+/-591.660 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.734+/-400.913 χ^2/NDF : 4.6/5

asym_sam1_rms vs Slug, Sign Corrected



Right In: 661.592+/-0.418 χ^2/NDF : 8482.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.258+/-0.385 χ^2/NDF : 1758.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

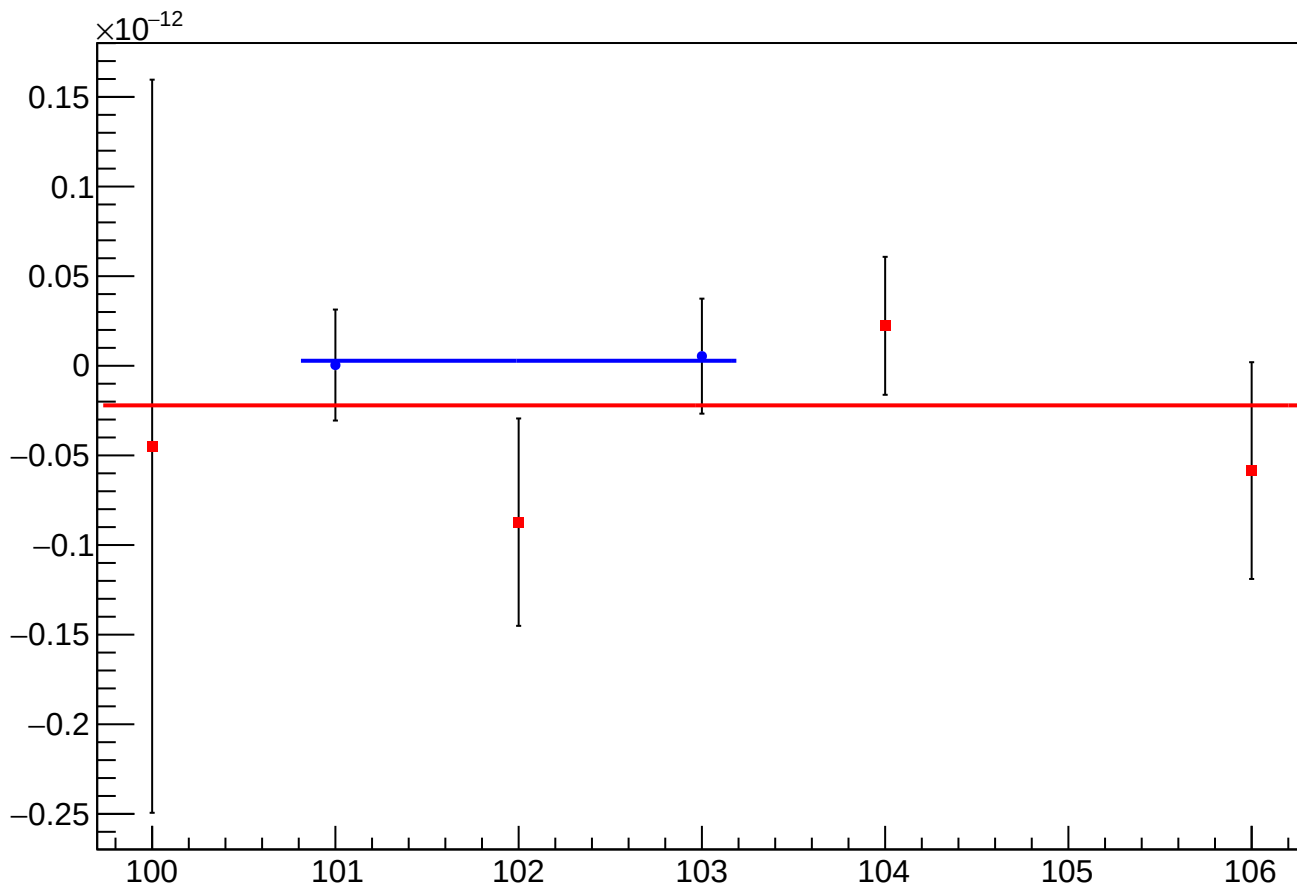
Right: 666.820+/-0.283 χ^2/NDF : 10529.1/5

In: 661.592+/-0.418 χ^2/NDF : 8482.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 666.820+/-0.283 χ^2/NDF : 10529.1/5

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

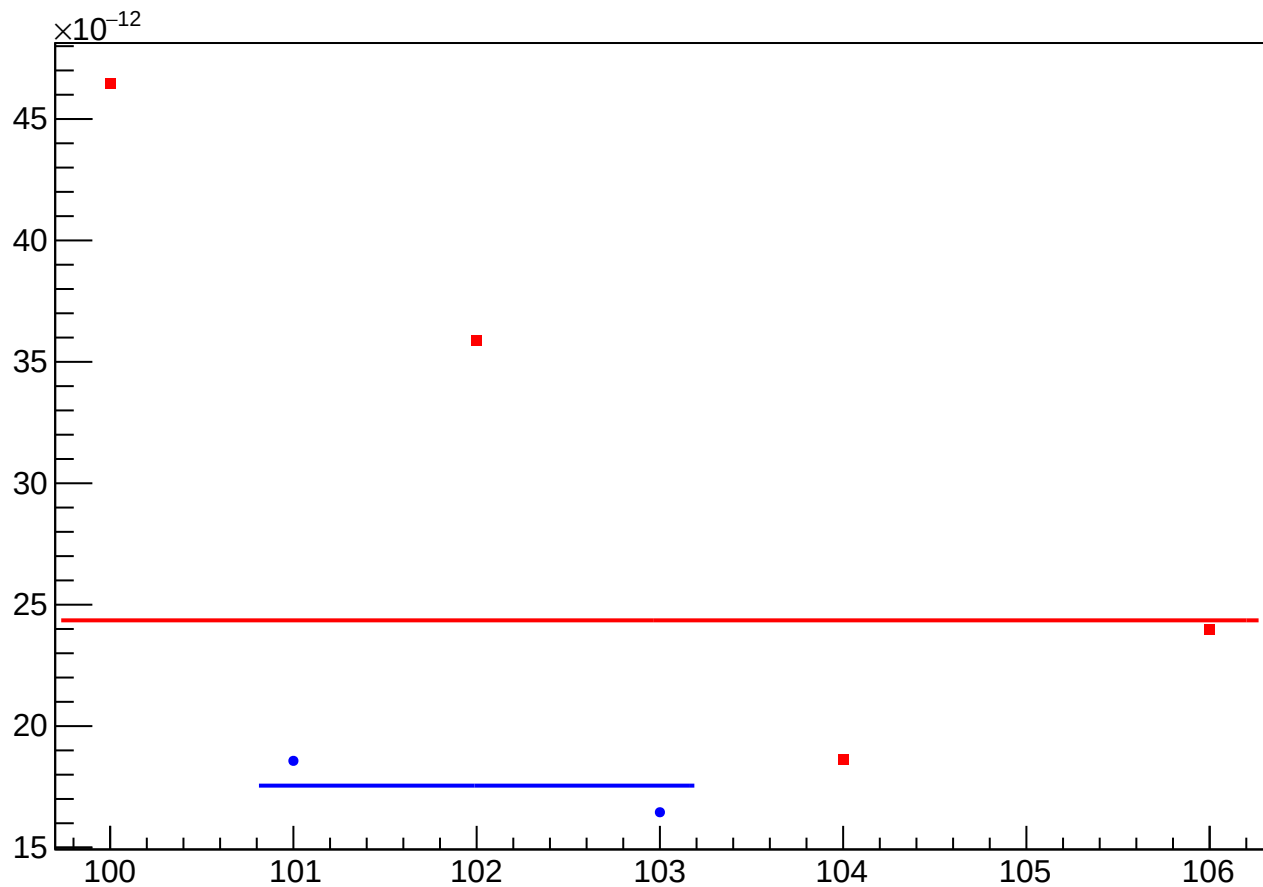
Right: -0.000+/-0.000 χ^2/NDF : 3.5/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/5

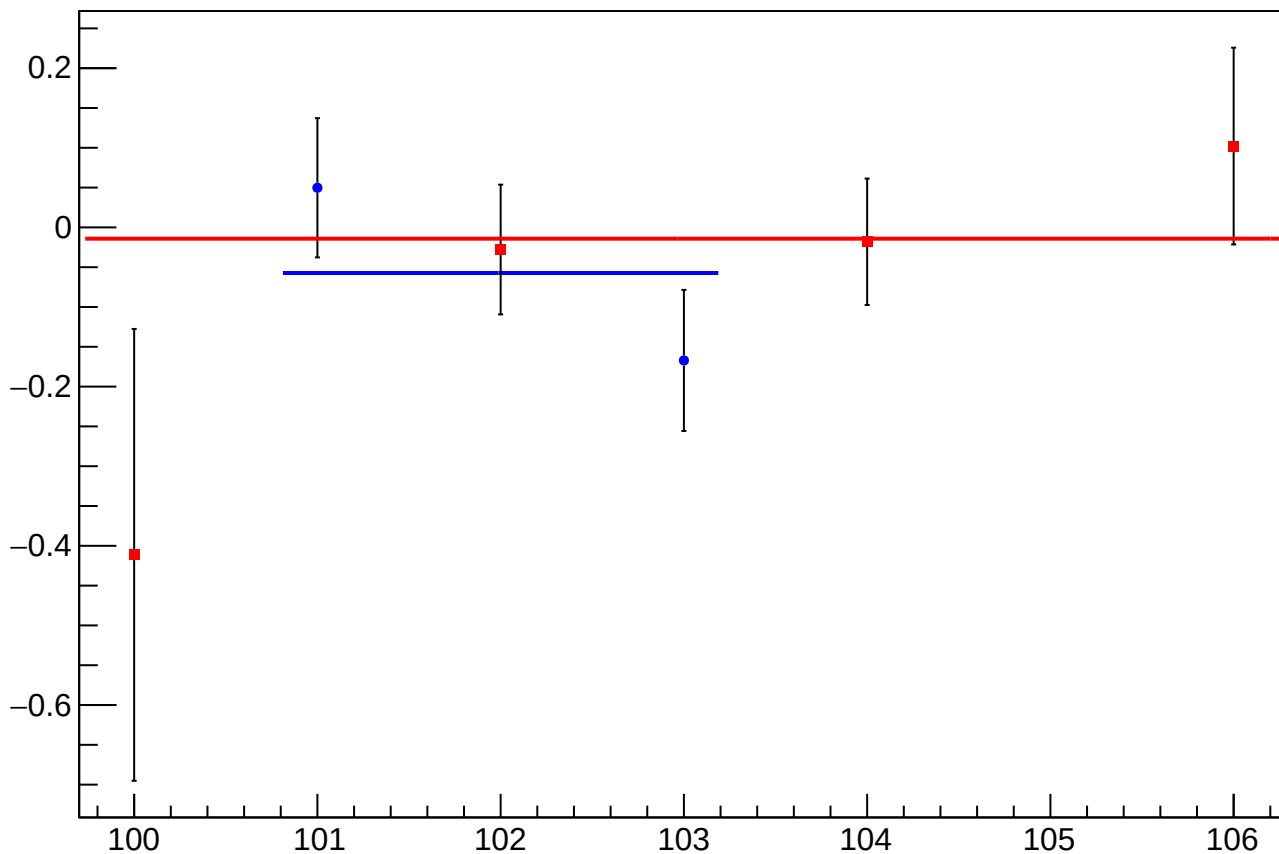
asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4507.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 147610.4/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 224339.4/5
 In: 0.000+/-0.000 χ^2/NDF : 4507.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 224339.4/5

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.014+/-0.051 χ^2 /NDF: 2.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

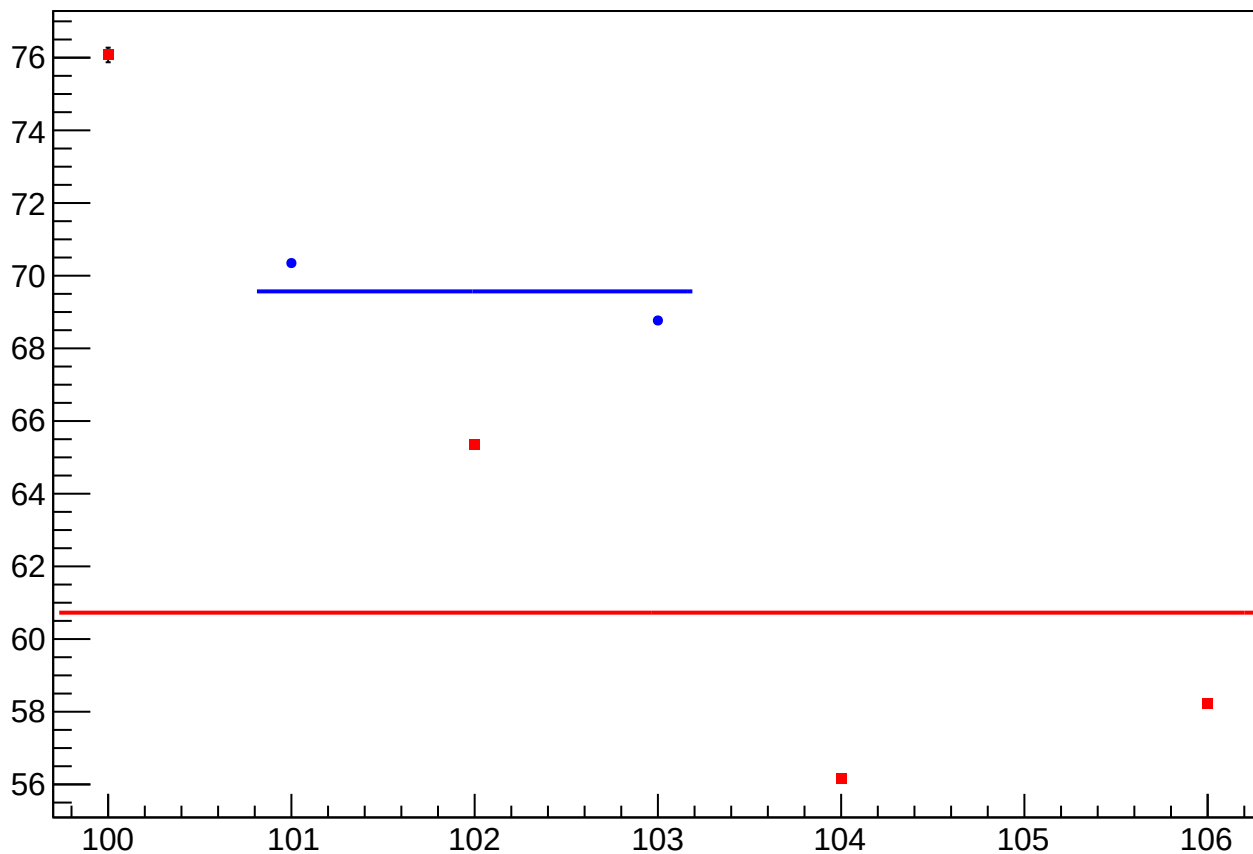
Right: -0.031+/-0.039 χ^2 /NDF: 6.2/5

In: -0.057+/-0.062 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.031+/-0.039 χ^2 /NDF: 6.2/5

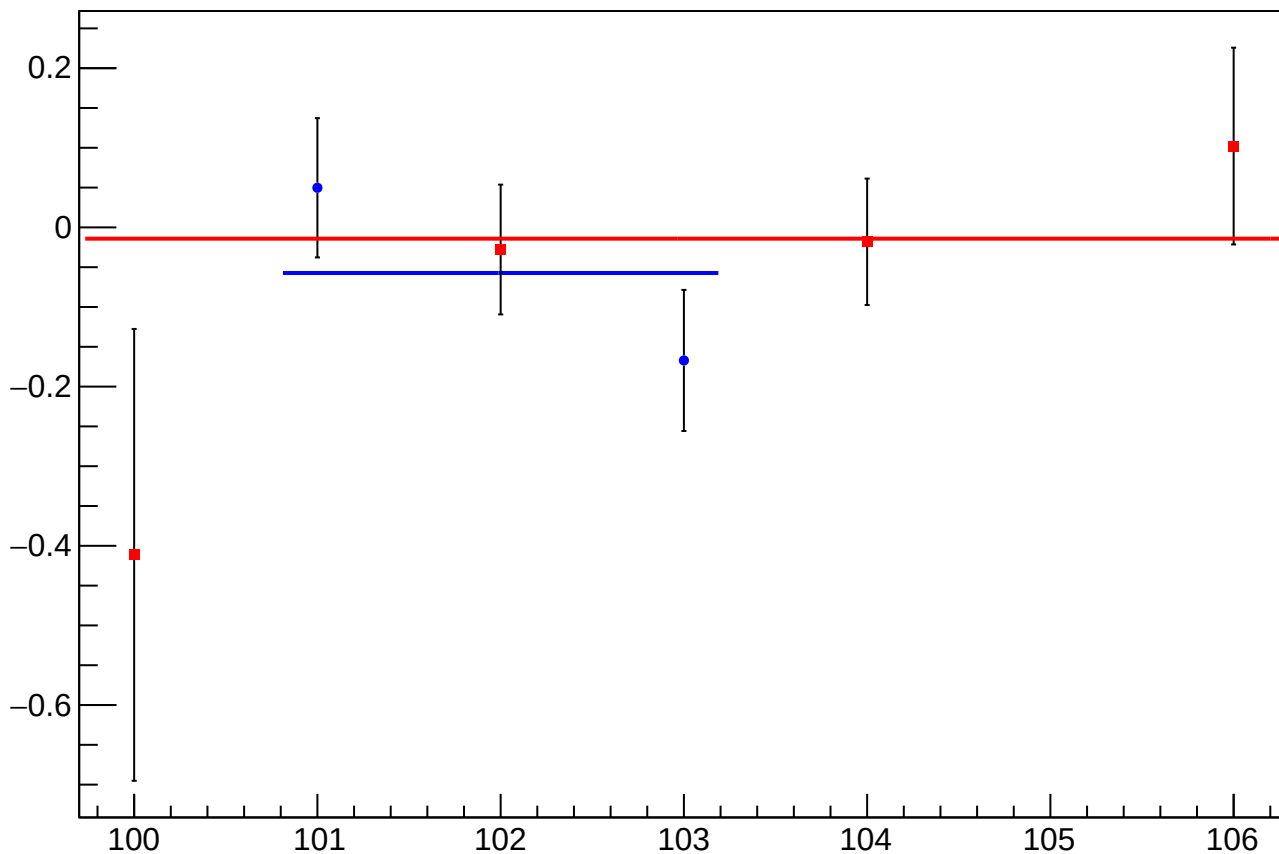
asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 60.726 $\pm$ 0.036 χ^2 /NDF: 19749.2/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 64.264 $\pm$ 0.028 χ^2 /NDF: 44271.6/5
 In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 64.264 $\pm$ 0.028 χ^2 /NDF: 44271.6/5

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.051 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

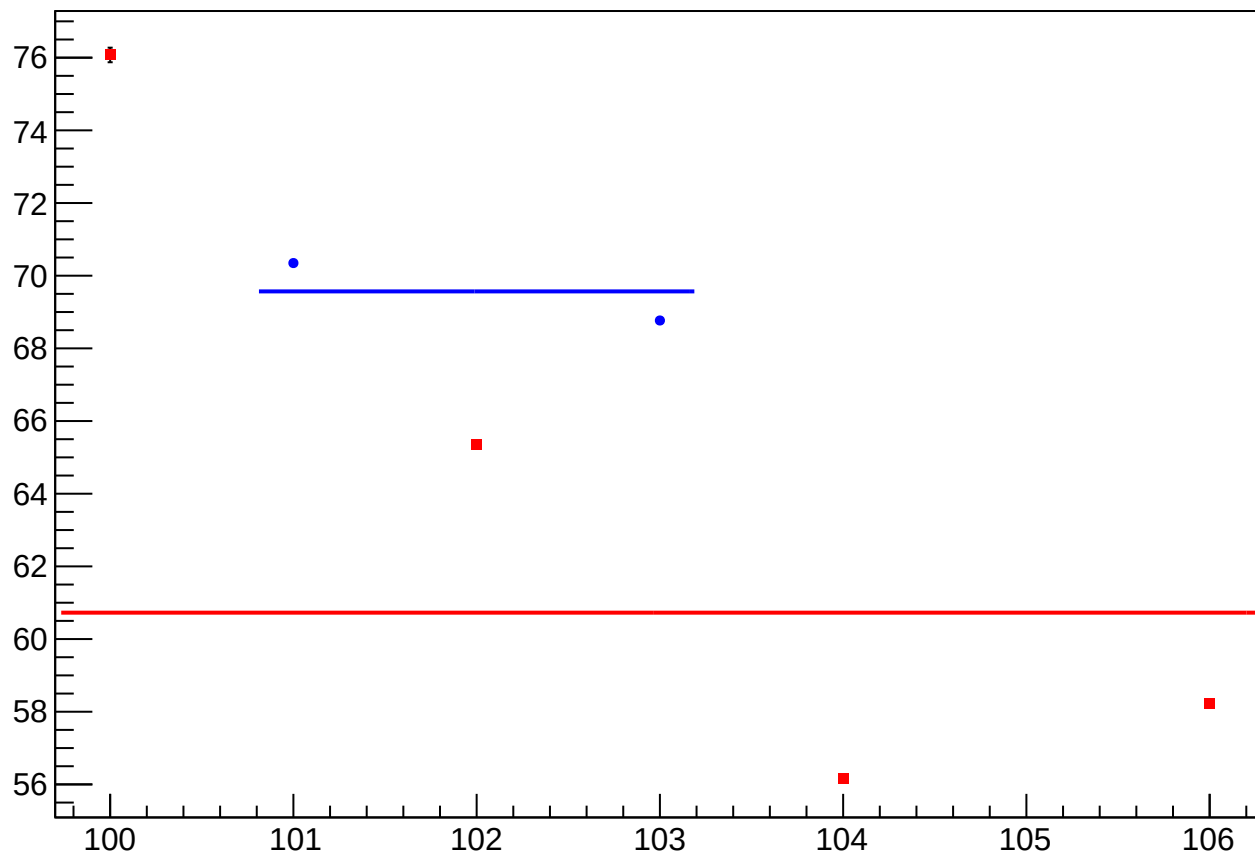
Right: -0.031 $\pm$ 0.039 χ^2 /NDF: 6.2/5

In: -0.057 $\pm$ 0.062 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.039 χ^2 /NDF: 6.2/5

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.726 $\pm$ 0.036 χ^2 /NDF: 19749.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

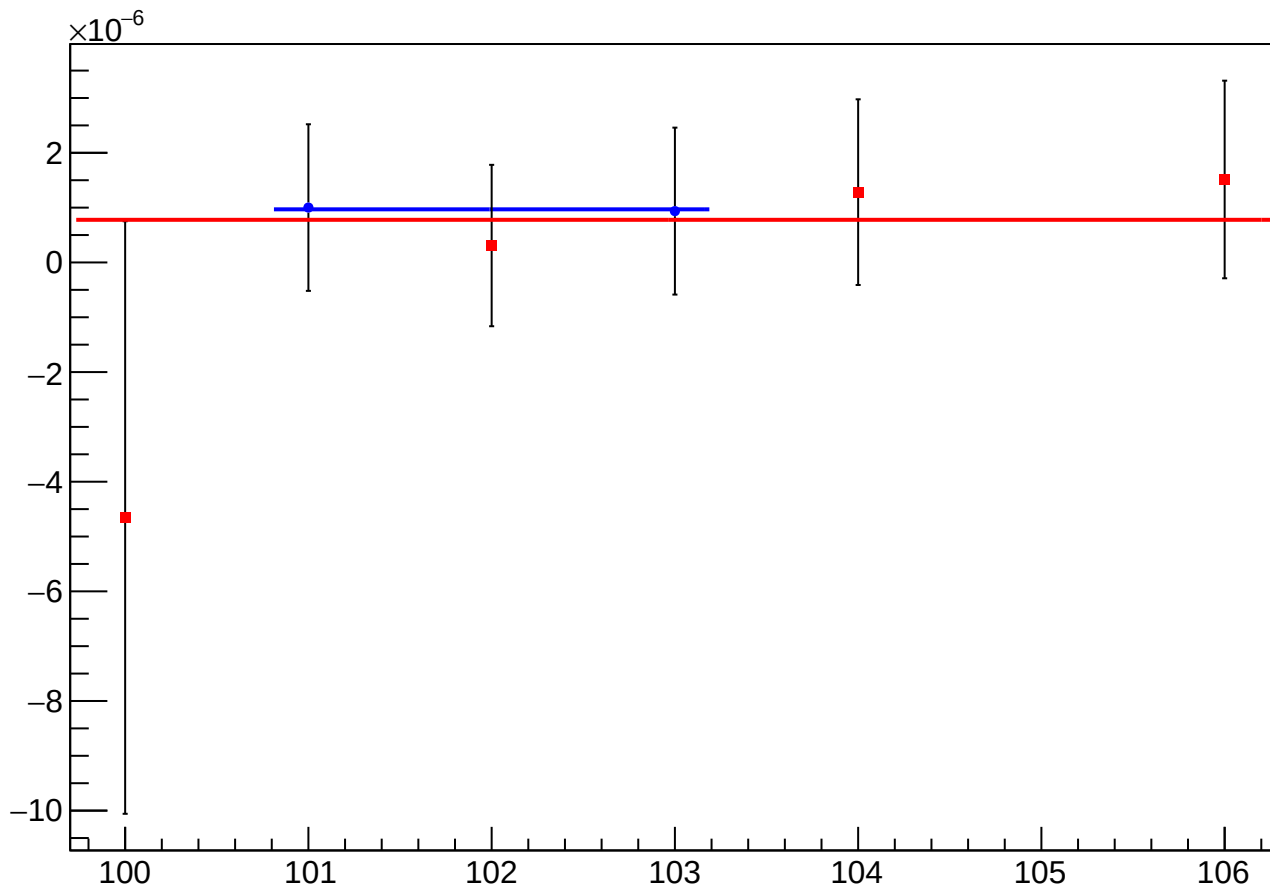
Right: 64.264 $\pm$ 0.028 χ^2 /NDF: 44271.6/5

In: 69.568 $\pm$ 0.044 χ^2 /NDF: 322.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.264 $\pm$ 0.028 χ^2 /NDF: 44271.6/5

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

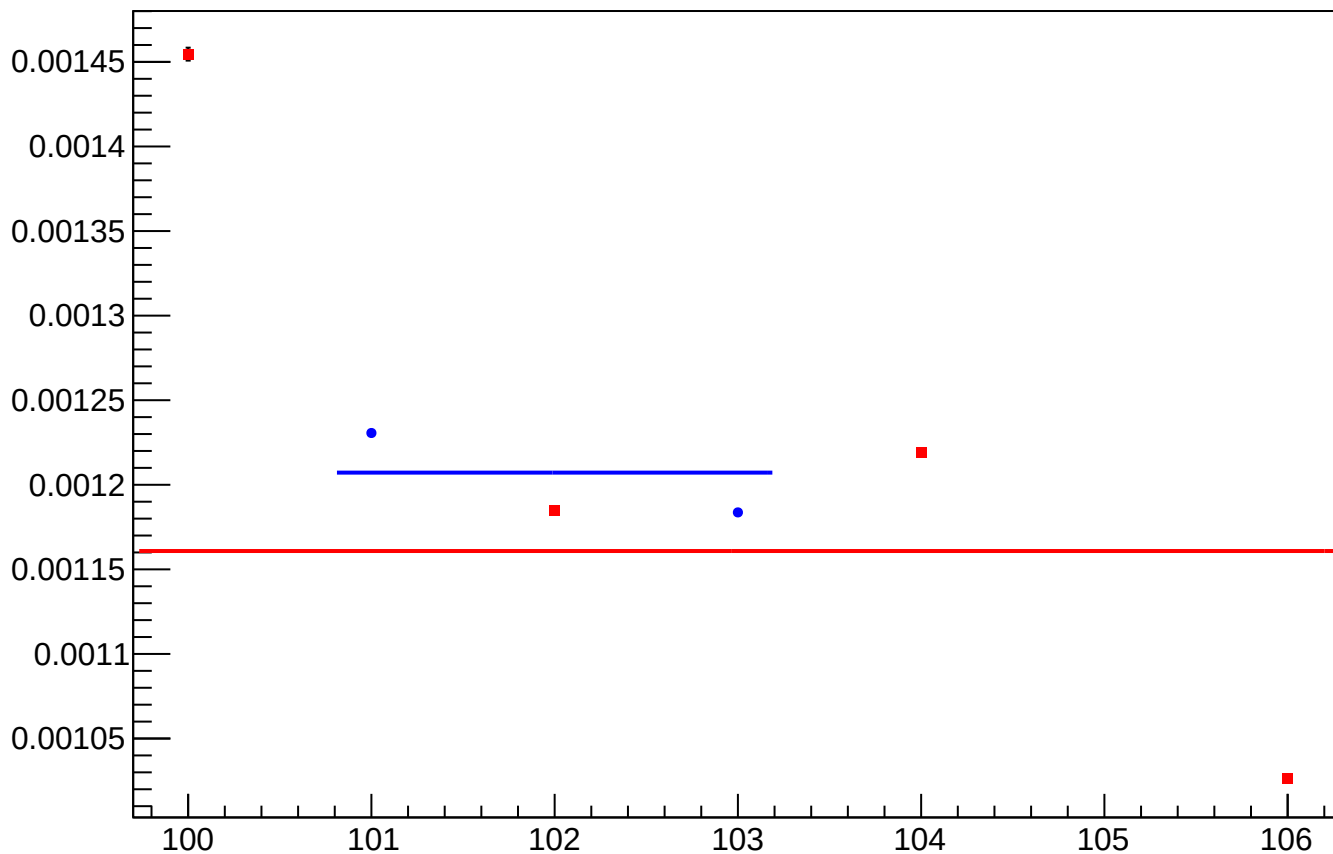
Right: 0.000+/-0.000 χ^2/NDF : 1.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.4/5

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 952.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 19949.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

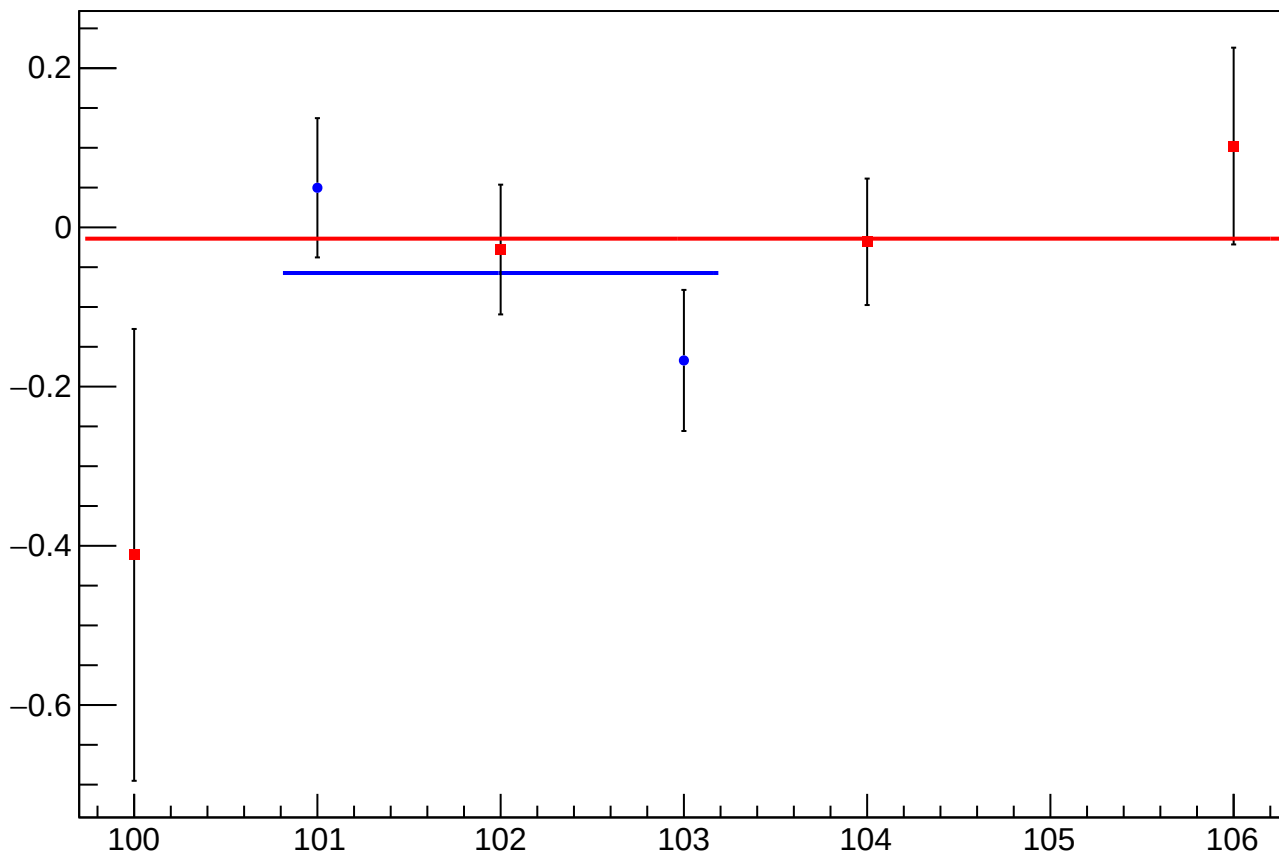
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 23023.8/5

In: 0.001 $\pm$ 0.000 χ^2 /NDF:952.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 23023.8/5

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.062 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.014+/-0.051 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

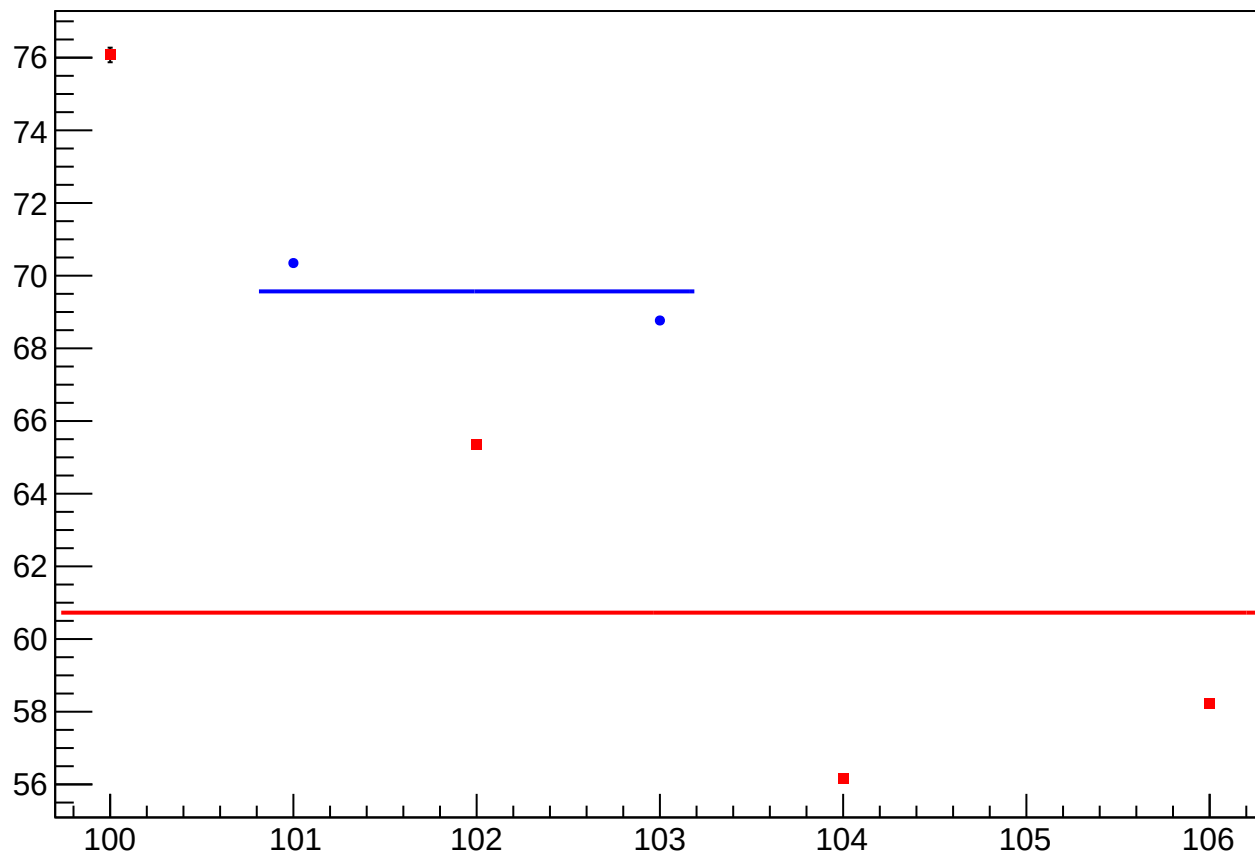
Right: -0.031+/-0.039 χ^2/NDF : 6.2/5

In: -0.057+/-0.062 χ^2/NDF :3.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.031+/-0.039 χ^2/NDF : 6.2/5

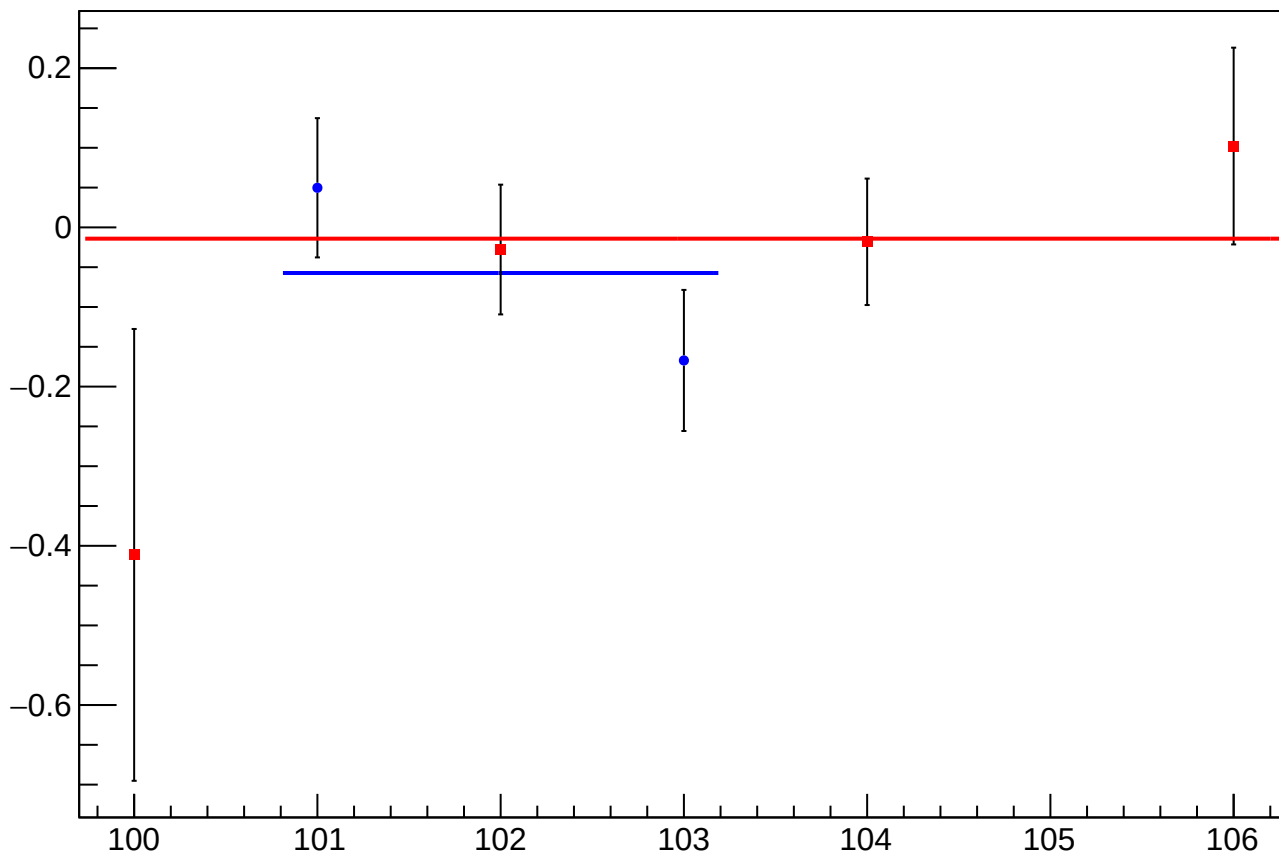
asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567 ± 0.044 $\chi^2/\text{NDF}: 322.3/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 60.726 ± 0.036 $\chi^2/\text{NDF}: 19749.2/3$
 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: 64.263 ± 0.028 $\chi^2/\text{NDF}: 44271.9/5$
 In: 69.567 ± 0.044 $\chi^2/\text{NDF}: 322.3/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 64.263 ± 0.028 $\chi^2/\text{NDF}: 44271.9/5$

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057 $\pm$ 0.062 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.051 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

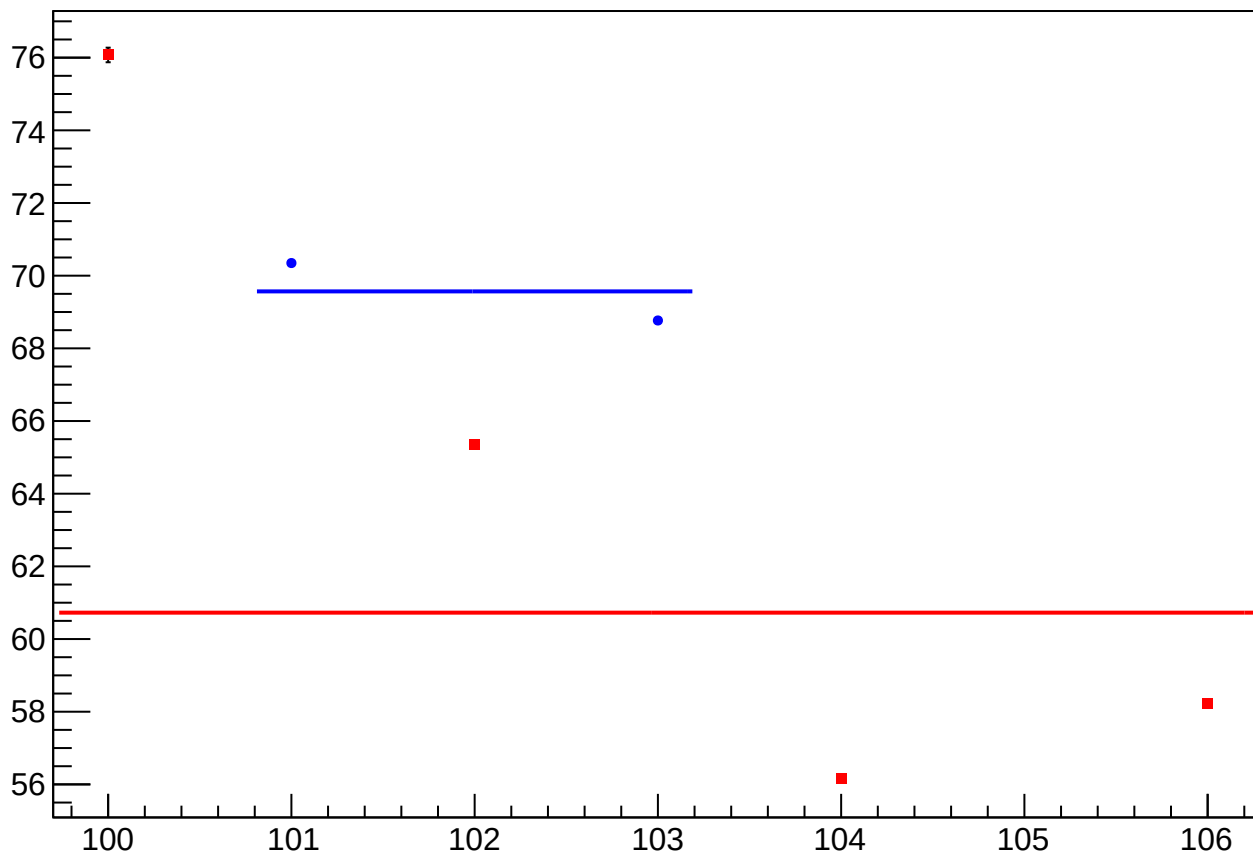
Right: -0.031 $\pm$ 0.039 χ^2 /NDF: 6.2/5

In: -0.057 $\pm$ 0.062 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.039 χ^2 /NDF: 6.2/5

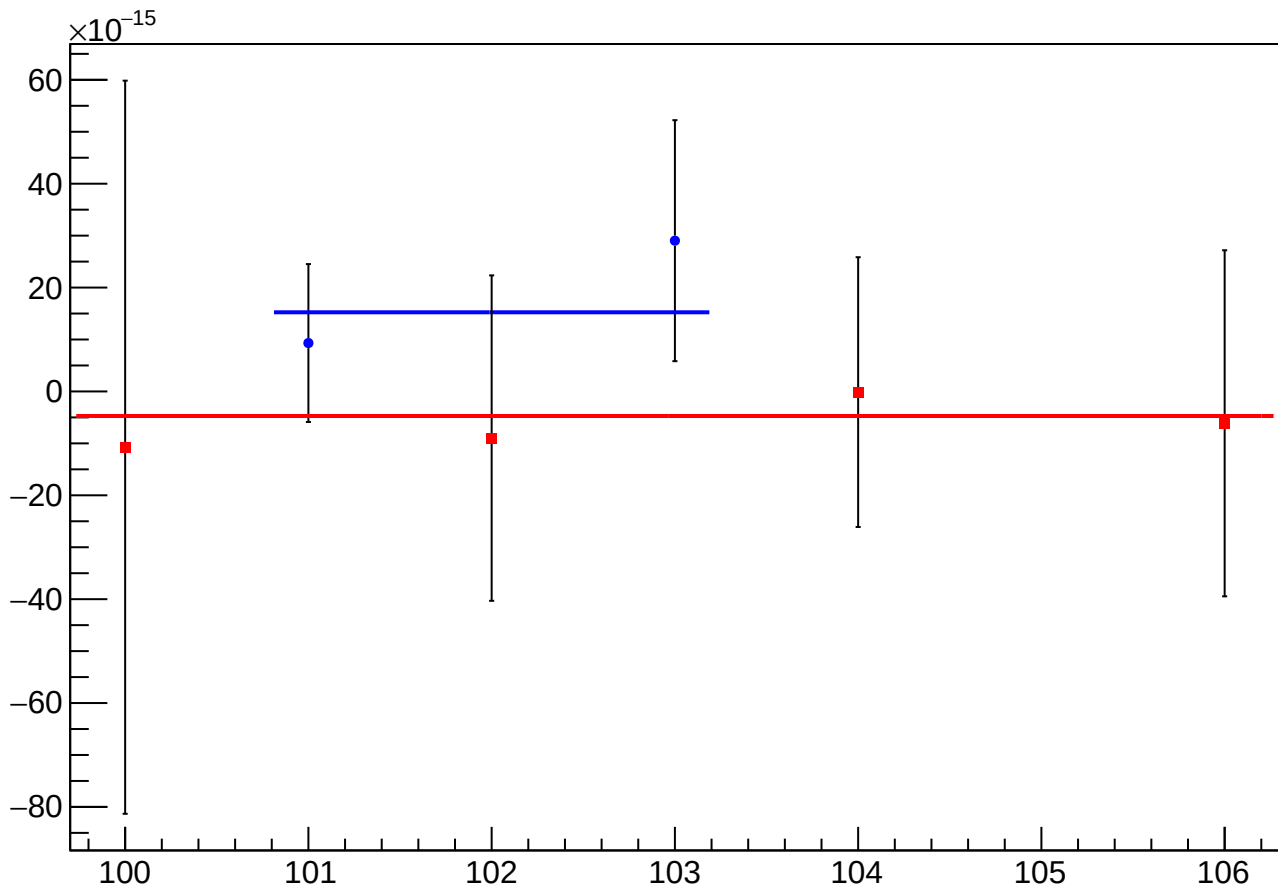
asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567+/-0.044 χ^2/NDF : 322.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 60.726+/-0.036 χ^2/NDF : 19749.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 64.263+/-0.028 χ^2/NDF : 44271.9/5
 In: 69.567+/-0.044 χ^2/NDF : 322.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 64.263+/-0.028 χ^2/NDF : 44271.9/5

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

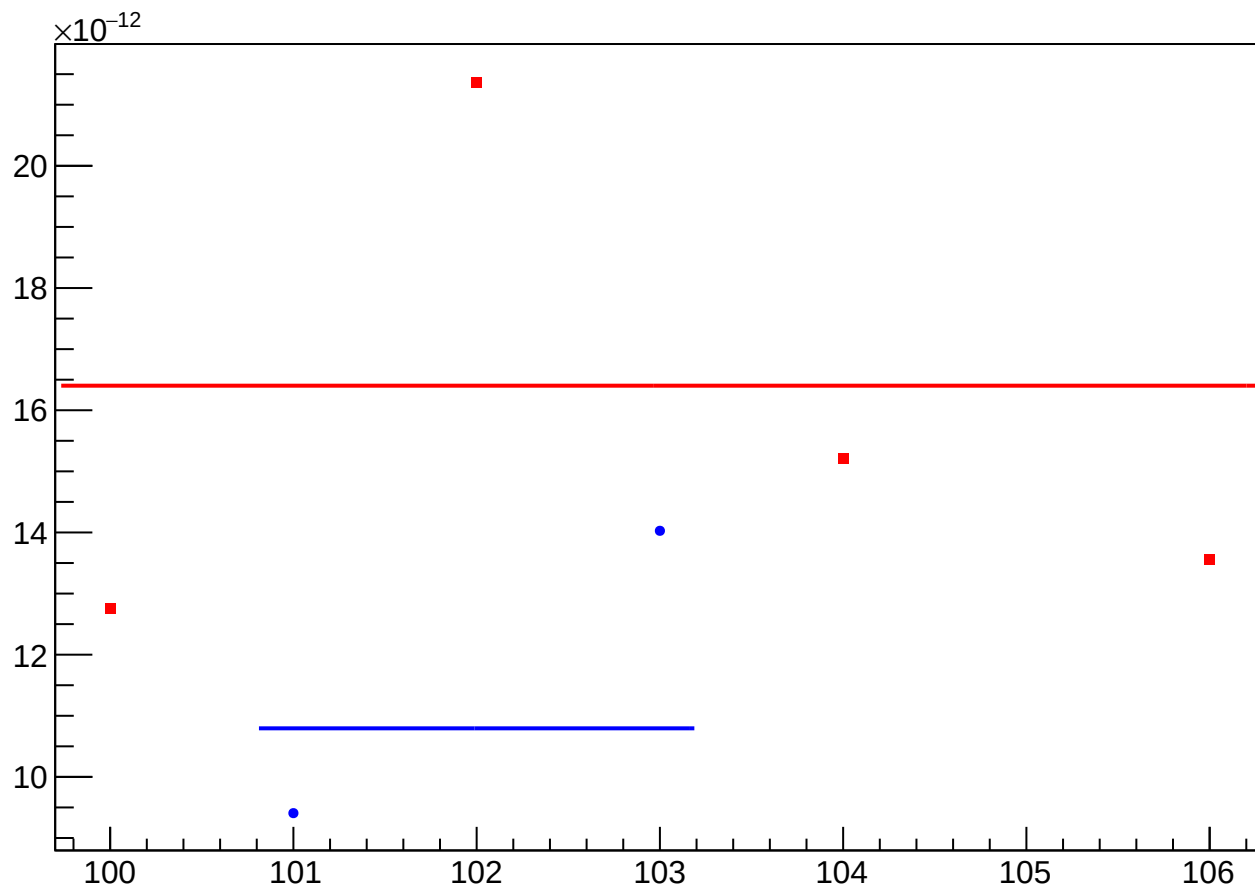
Right: 0.000+/-0.000 χ^2/NDF : 1.5/5

In: 0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.5/5

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 55483.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 74430.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

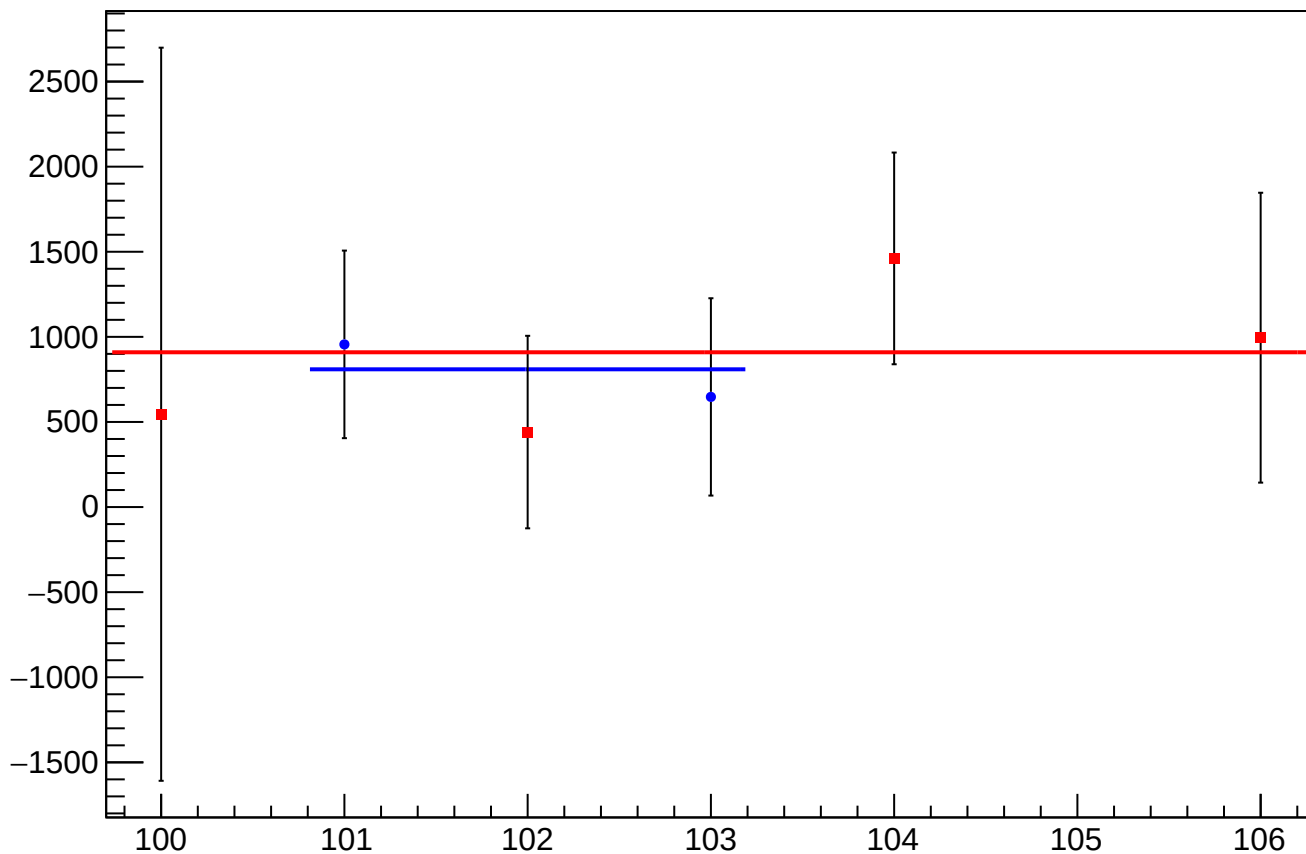
Right: 0.000+/-0.000 χ^2/NDF : 273059.5/5

In: 0.000+/-0.000 χ^2/NDF : 55483.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 273059.5/5

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.306 $\pm$ 399.392 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 909.387 $\pm$ 369.963 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

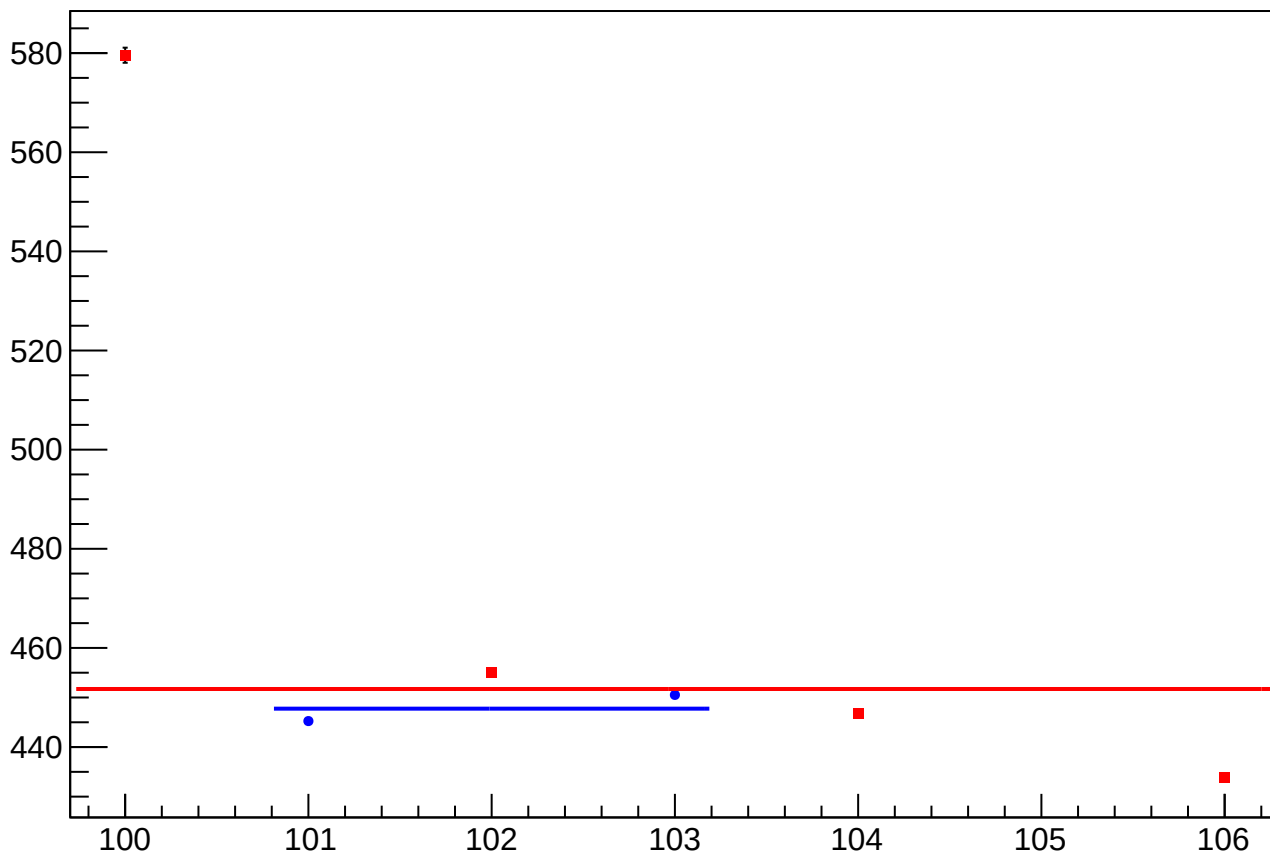
Right: 863.169 $\pm$ 271.411 χ^2 /NDF: 1.7/5

In: 809.306 $\pm$ 399.392 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 863.169 $\pm$ 271.411 χ^2 /NDF: 1.7/5

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.749 $\pm$ 0.282 χ^2 /NDF: 87.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 451.716 $\pm$ 0.262 χ^2 /NDF: 8131.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

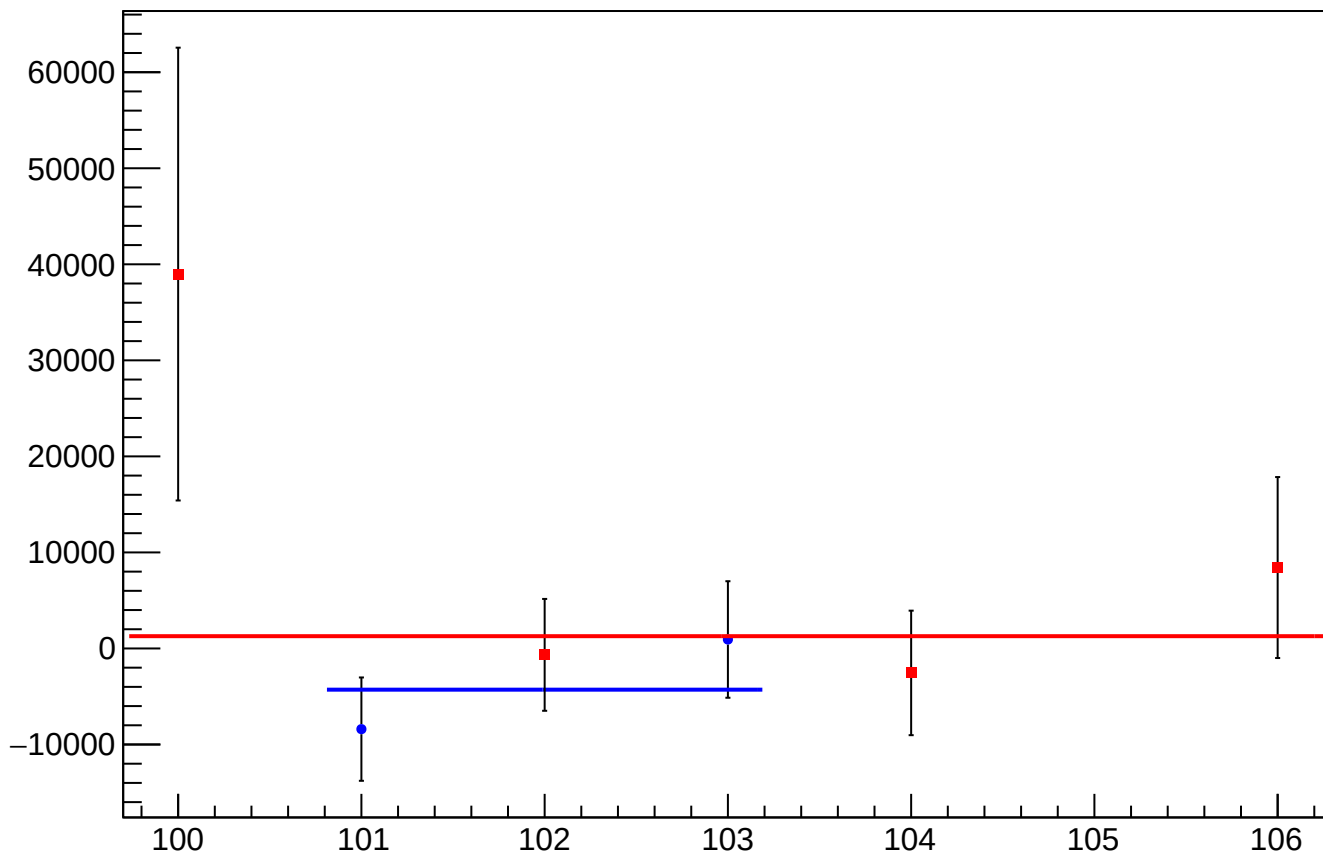
Right: 449.884 $\pm$ 0.192 χ^2 /NDF: 8325.1/5

In: 447.749 $\pm$ 0.282 χ^2 /NDF: 87.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 449.884 $\pm$ 0.192 χ^2 /NDF: 8325.1/5

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -4291.021+/-4025.127 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.294+/-3882.257 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

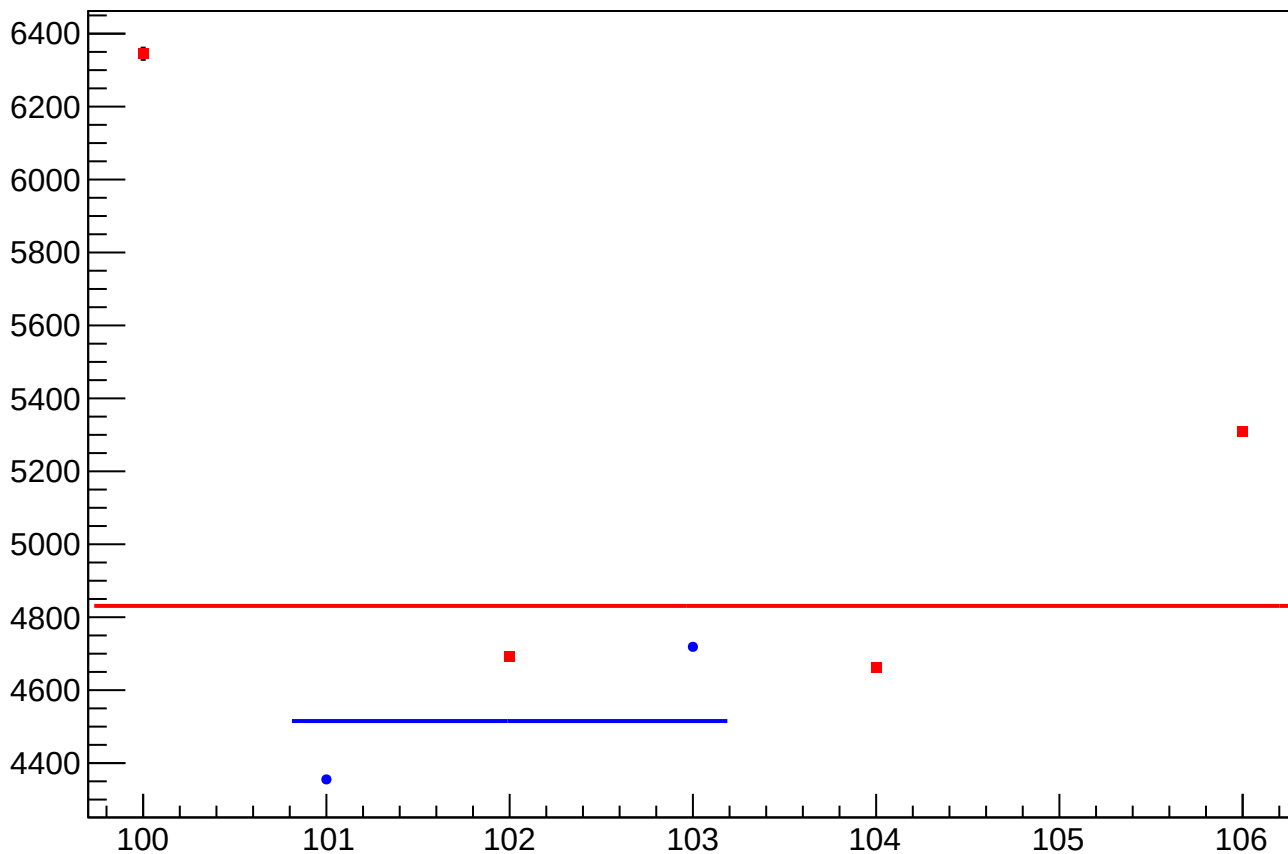
Right: -1405.770+/-2794.314 χ^2/NDF : 5.9/5

In: -4291.021+/-4025.127 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1405.770+/-2794.314 χ^2/NDF : 5.9/5

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4515.299+/-2.846 χ^2/NDF : 4020.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4831.024+/-2.745 χ^2/NDF : 15924.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

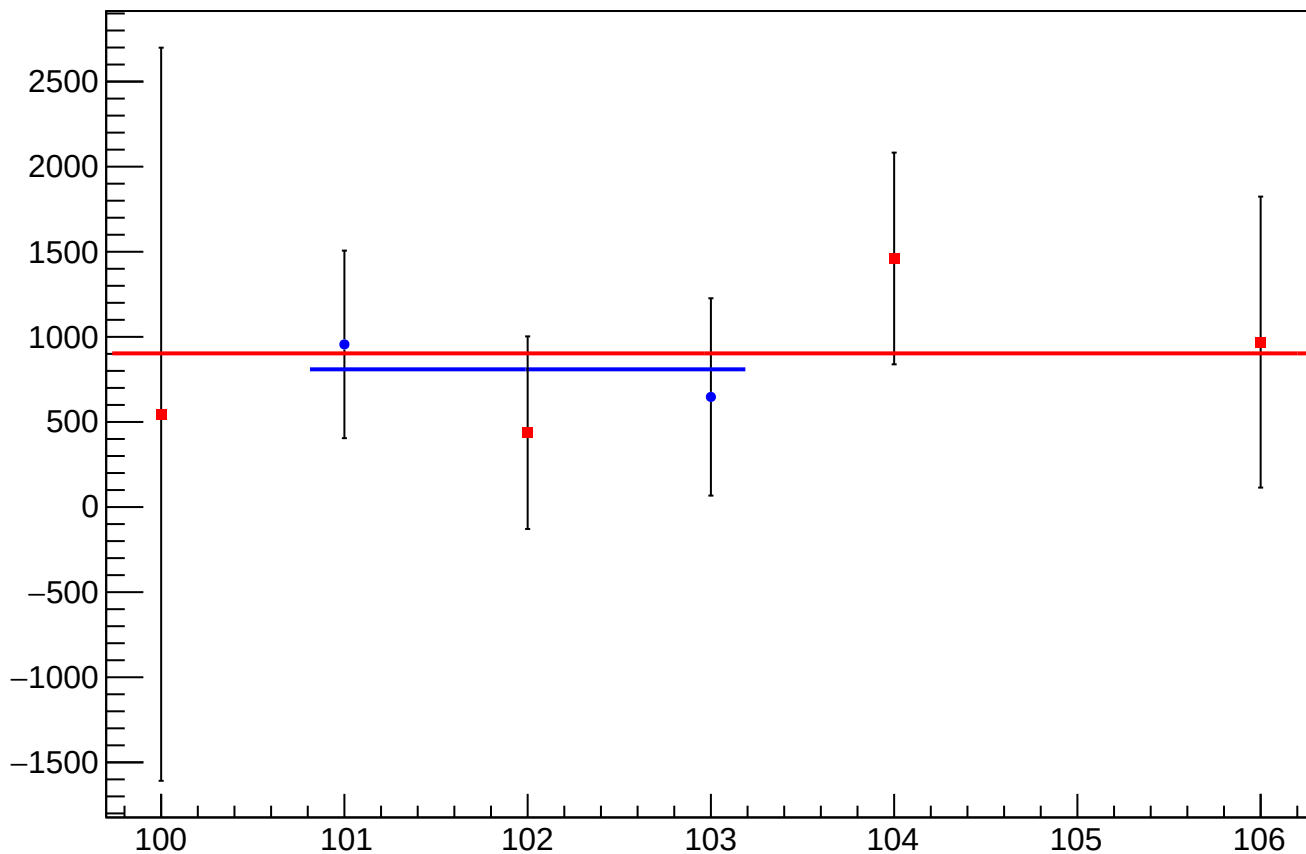
Right: 4678.864+/-1.976 χ^2/NDF : 26319.8/5

In: 4515.299+/-2.846 χ^2/NDF : 4020.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4678.864+/-1.976 χ^2/NDF : 26319.8/5

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.236 $\pm$ 399.392 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 902.923 $\pm$ -370.291 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

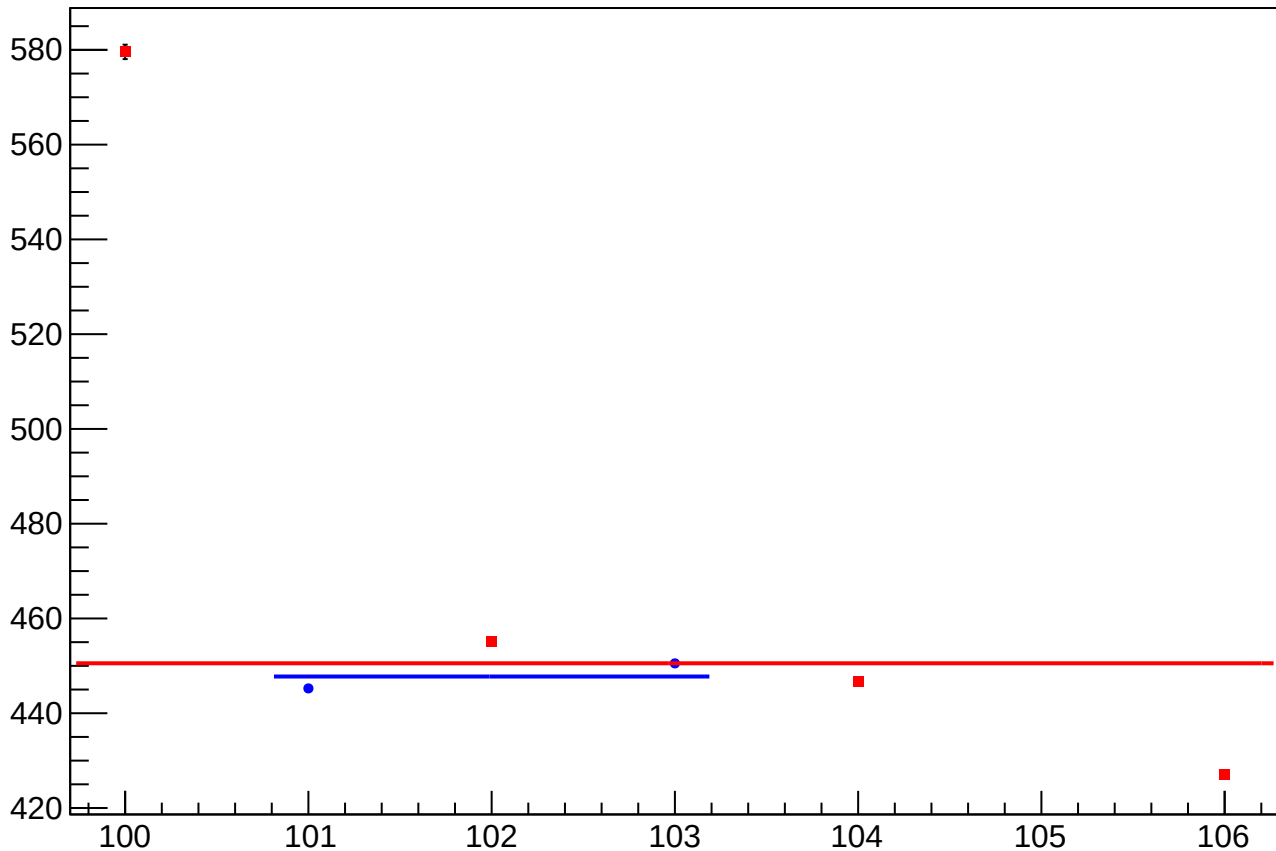
Right: 859.617 $\pm$ -271.541 χ^2 /NDF: 1.7/5

In: 809.236 $\pm$ -399.392 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 859.617 $\pm$ -271.541 χ^2 /NDF: 1.7/5

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.750+/-0.282 χ^2/NDF : 87.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.544+/-0.262 χ^2/NDF : 8908.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

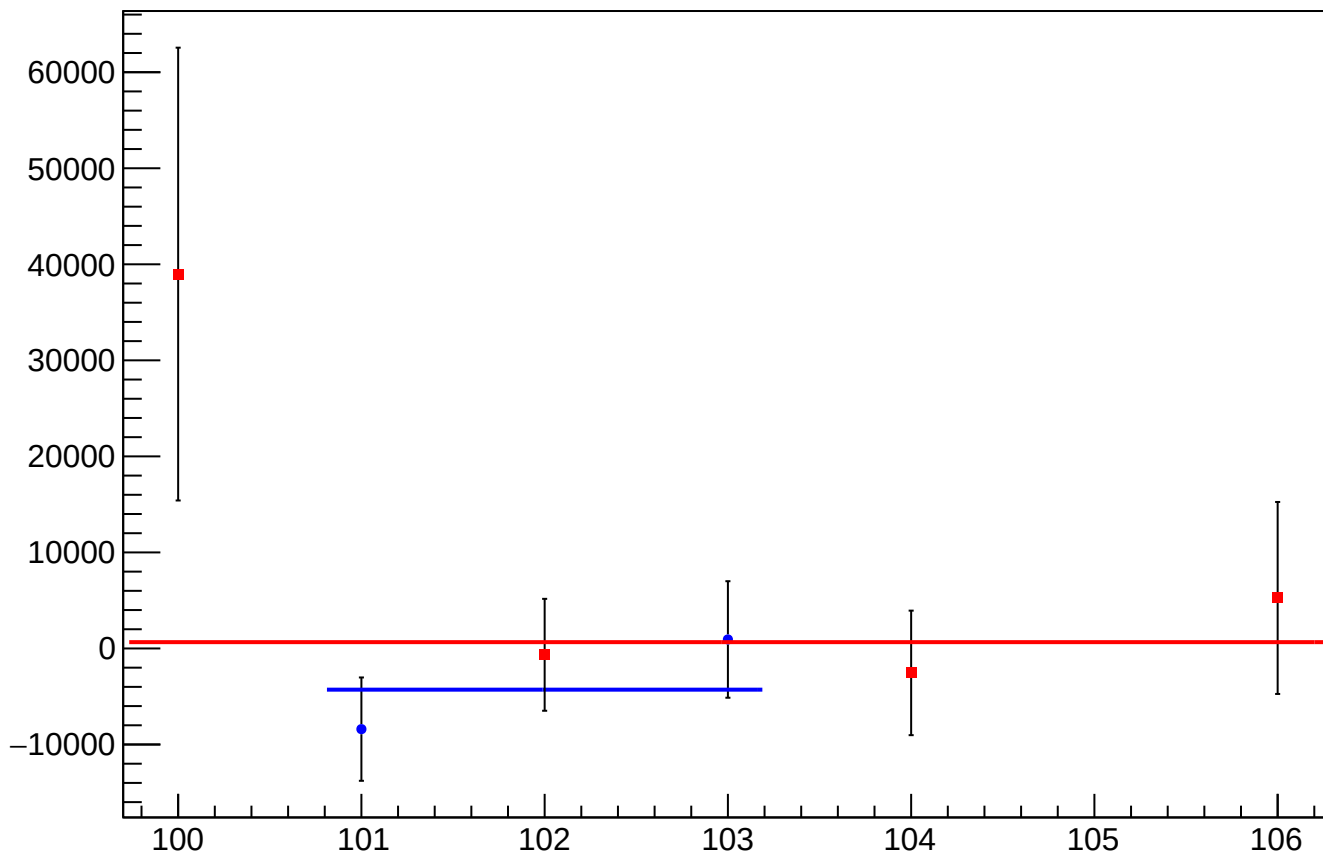
Right: 449.252+/-0.192 χ^2/NDF : 9048.6/5

In: 447.750+/-0.282 χ^2/NDF : 87.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.252+/-0.192 χ^2/NDF : 9048.6/5

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 657.227+/-3920.449 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

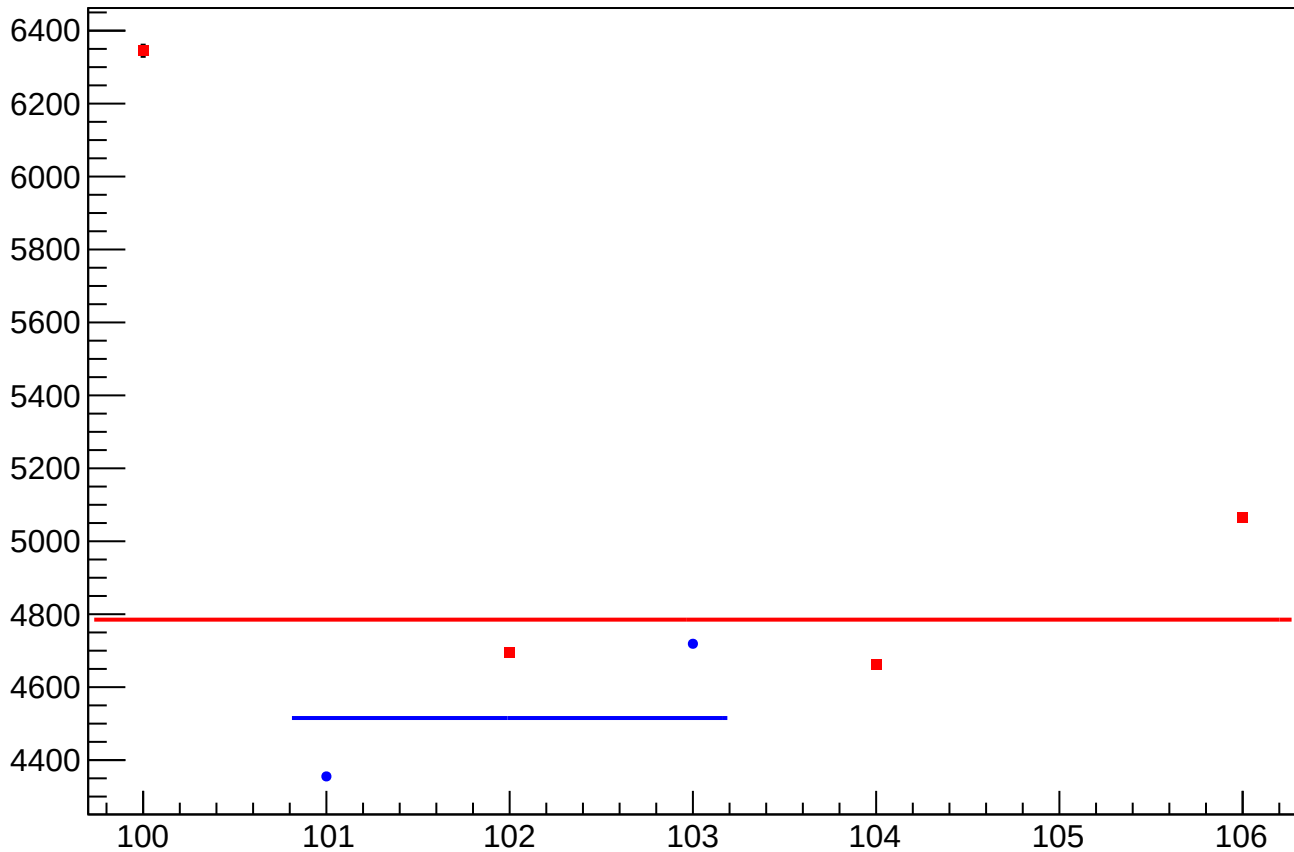
Right: -1751.351+/-2808.478 χ^2/NDF : 5.3/5

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1751.351+/-2808.478 χ^2/NDF : 5.3/5

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4785.107+/-2.772 χ^2/NDF : 11525.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

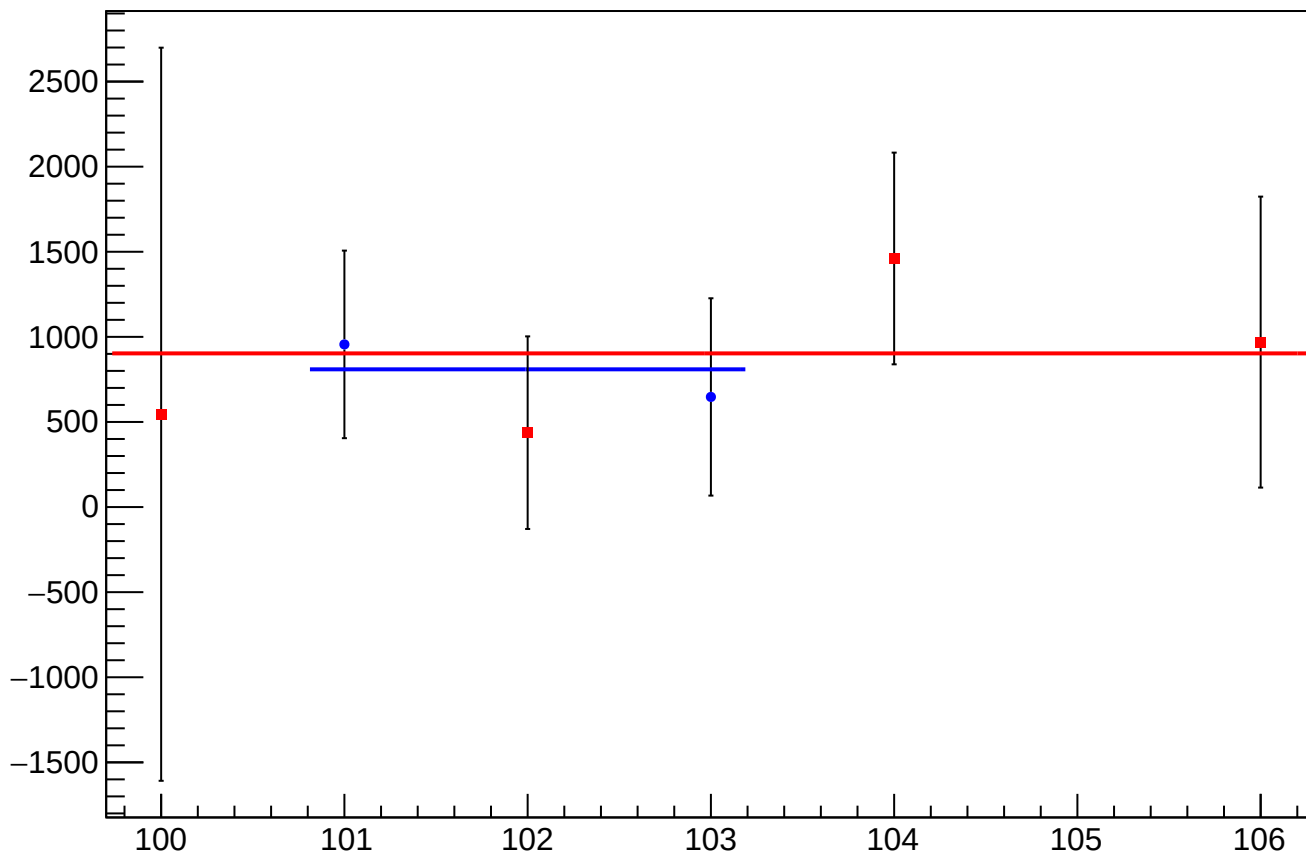
Right: 4653.794+/-1.986 χ^2/NDF : 20158.3/5

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4653.794+/-1.986 χ^2/NDF : 20158.3/5

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 902.923+/-370.291 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

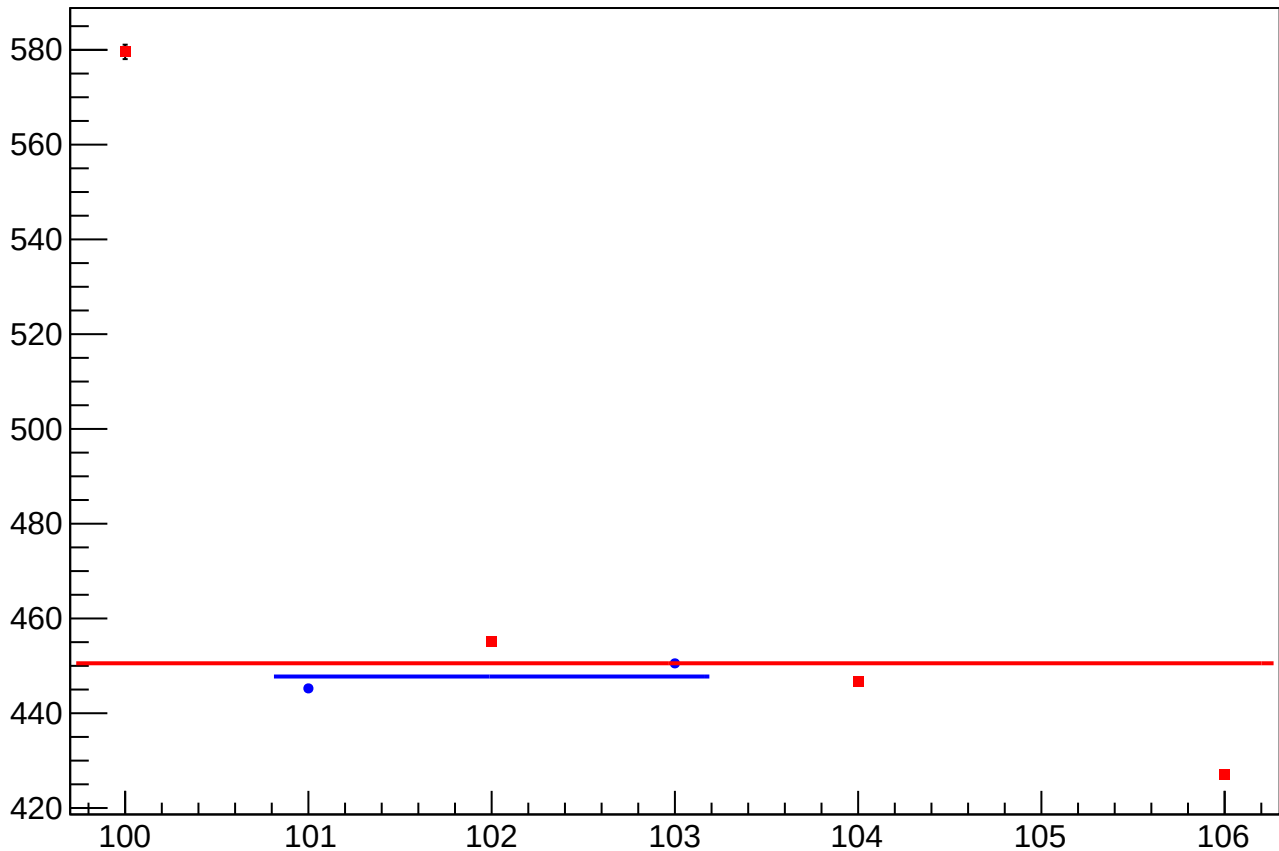
Right: 859.617+/-271.541 χ^2/NDF : 1.7/5

In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.617+/-271.541 χ^2/NDF : 1.7/5

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.750+/-0.282 χ^2/NDF : 87.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.544+/-0.262 χ^2/NDF : 8908.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

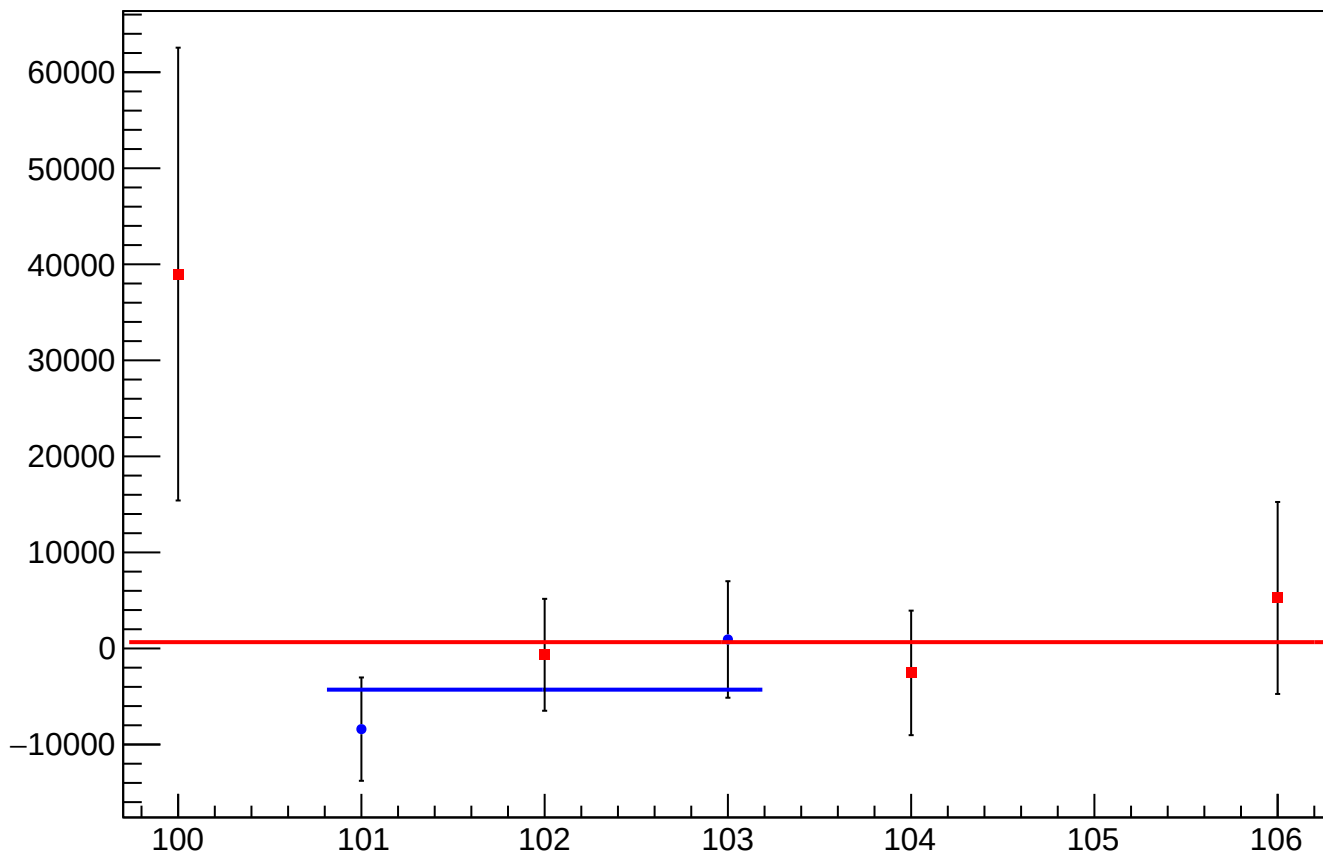
Right: 449.252+/-0.192 χ^2/NDF : 9048.6/5

In: 447.750+/-0.282 χ^2/NDF : 87.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.252+/-0.192 χ^2/NDF : 9048.6/5

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 657.227+/-3920.449 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

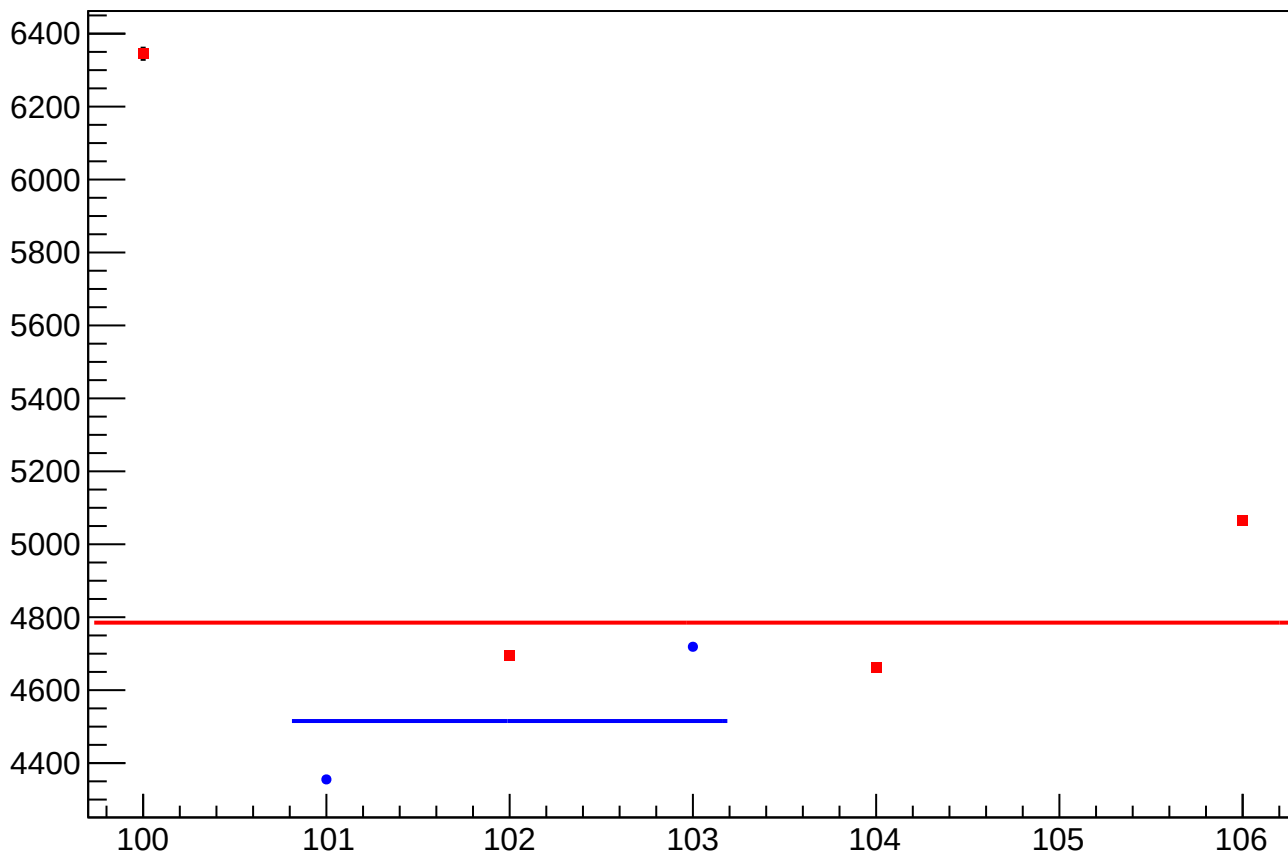
Right: -1751.351+/-2808.478 χ^2/NDF : 5.3/5

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1751.351+/-2808.478 χ^2/NDF : 5.3/5

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4785.107+/-2.772 χ^2/NDF : 11525.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

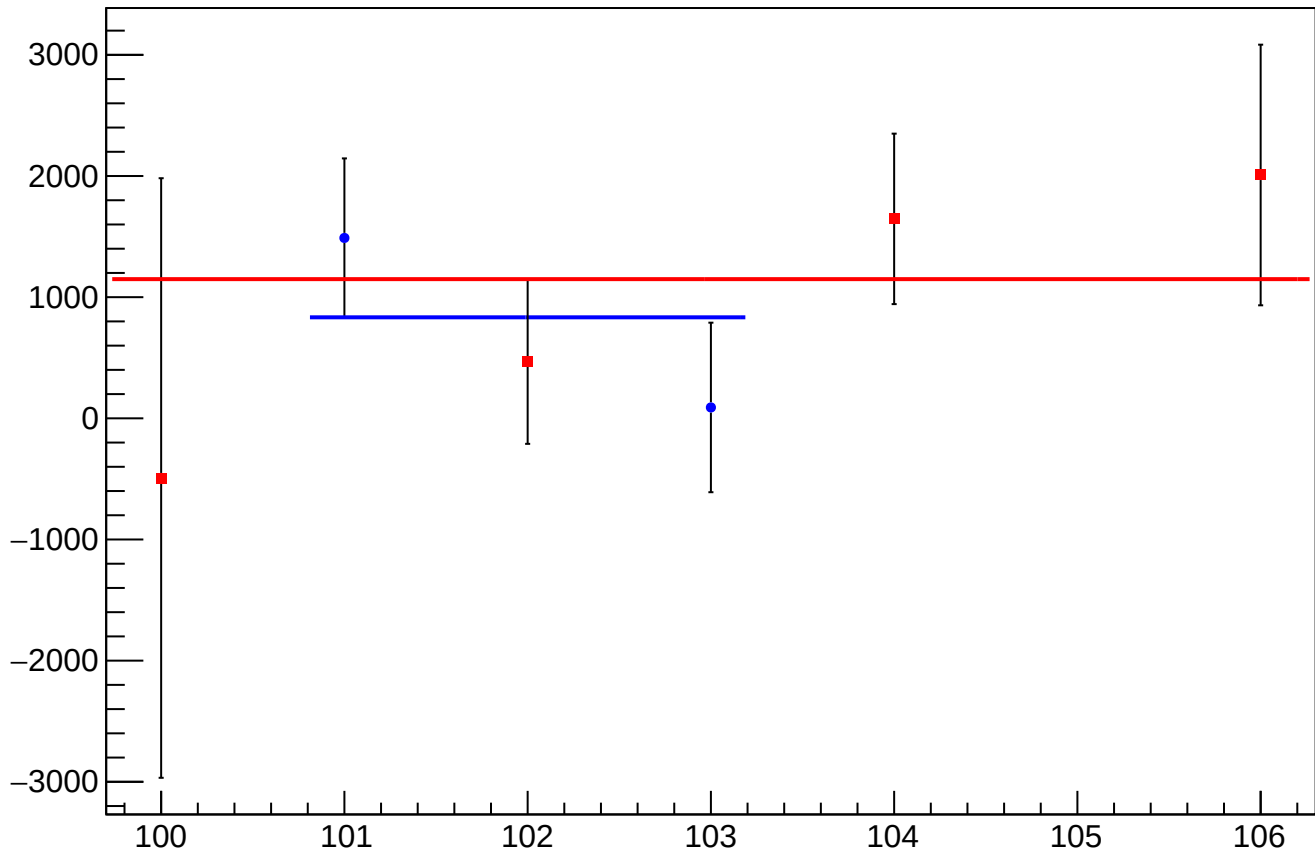
Right: 4653.794+/-1.986 χ^2/NDF : 20158.3/5

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4653.794+/-1.986 χ^2/NDF : 20158.3/5

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.715+/-478.782 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.921+/-437.653 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

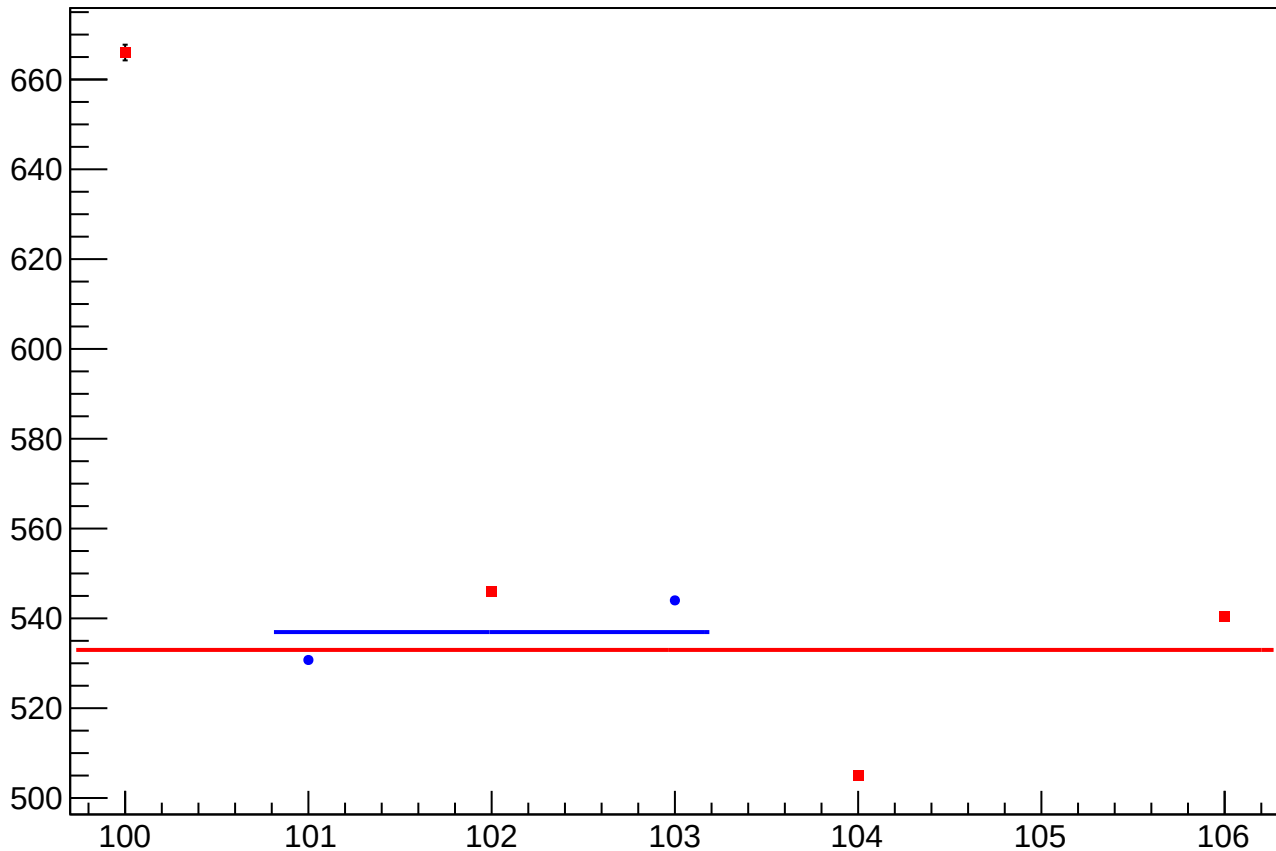
Right: 1005.436+/-323.031 χ^2/NDF : 4.9/5

In: 833.715+/-478.782 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.436+/-323.031 χ^2/NDF : 4.9/5

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.950 ± 0.339 χ^2/NDF : 382.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 532.976 ± 0.309 χ^2/NDF : 9782.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

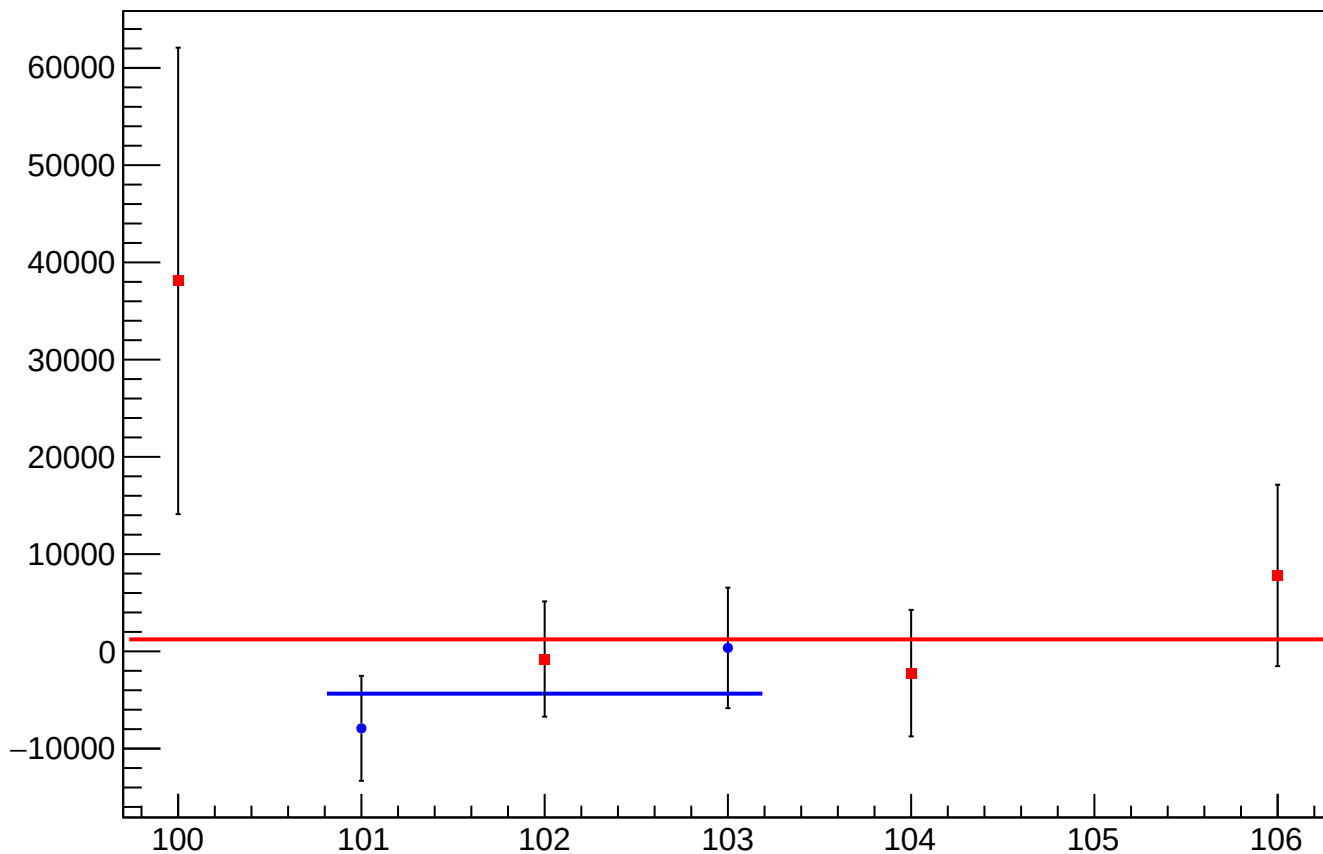
Right: 534.785 ± 0.228 χ^2/NDF : 10239.9/5

In: 536.950 ± 0.339 χ^2/NDF : 382.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 534.785 ± 0.228 χ^2/NDF : 10239.9/5

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -4349.675+/-4069.105 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1232.626+/-3911.955 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

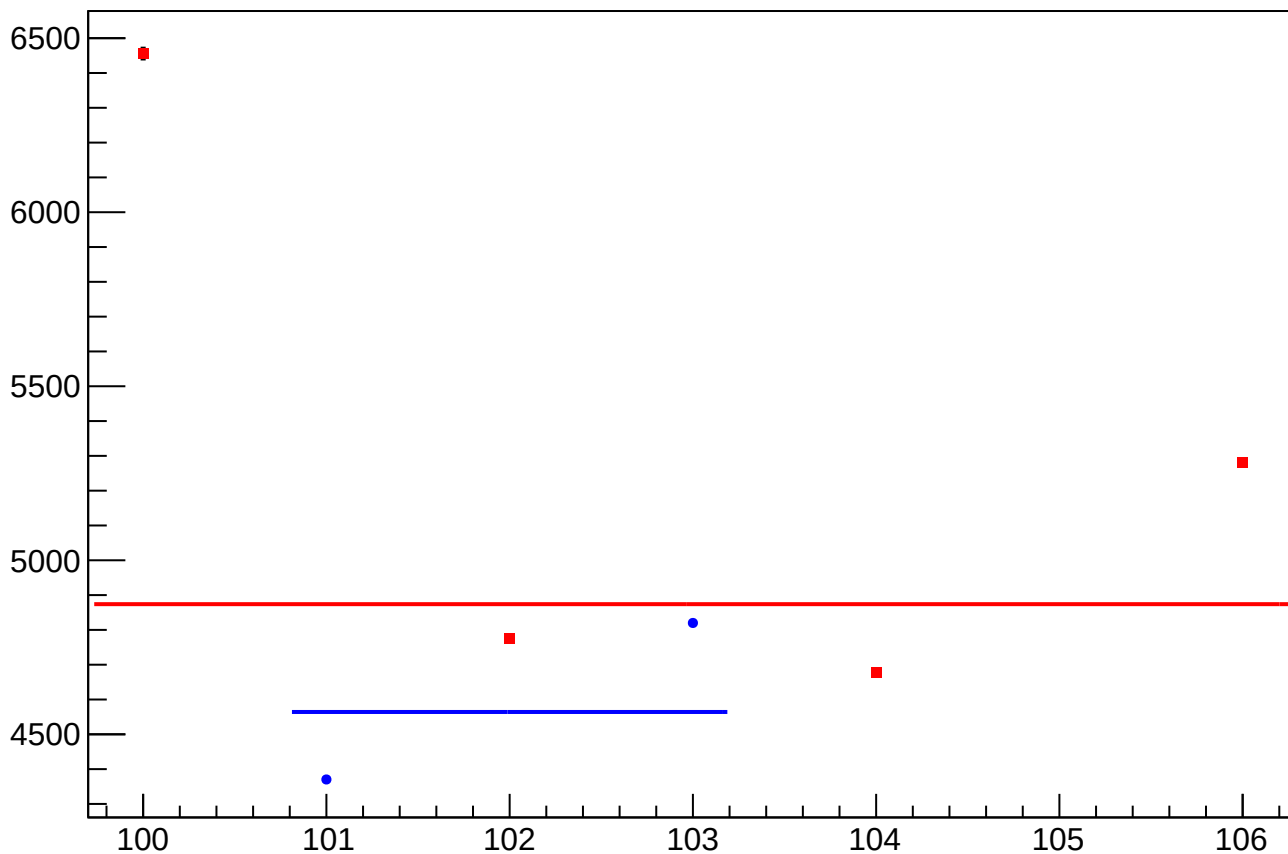
Right: -1448.650+/-2820.090 χ^2/NDF : 5.3/5

In: -4349.675+/-4069.105 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1448.650+/-2820.090 χ^2/NDF : 5.3/5

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4564.196+/-2.877 χ^2/NDF : 5990.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4873.946+/-2.766 χ^2/NDF : 14903.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

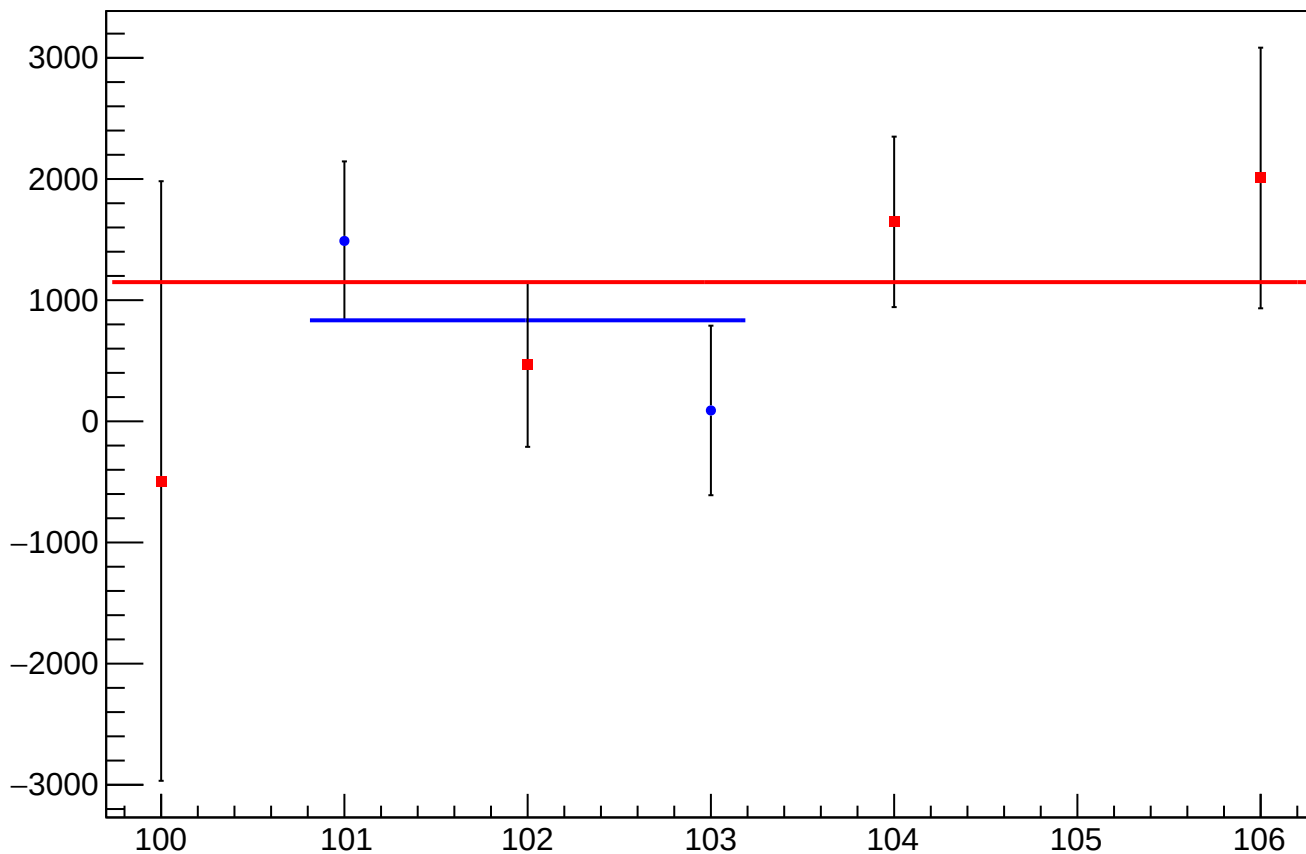
Right: 4725.168+/-1.994 χ^2/NDF : 26917.2/5

In: 4564.196+/-2.877 χ^2/NDF : 5990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4725.168+/-1.994 χ^2/NDF : 26917.2/5

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.705+/-478.781 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1148.925+/-437.652 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

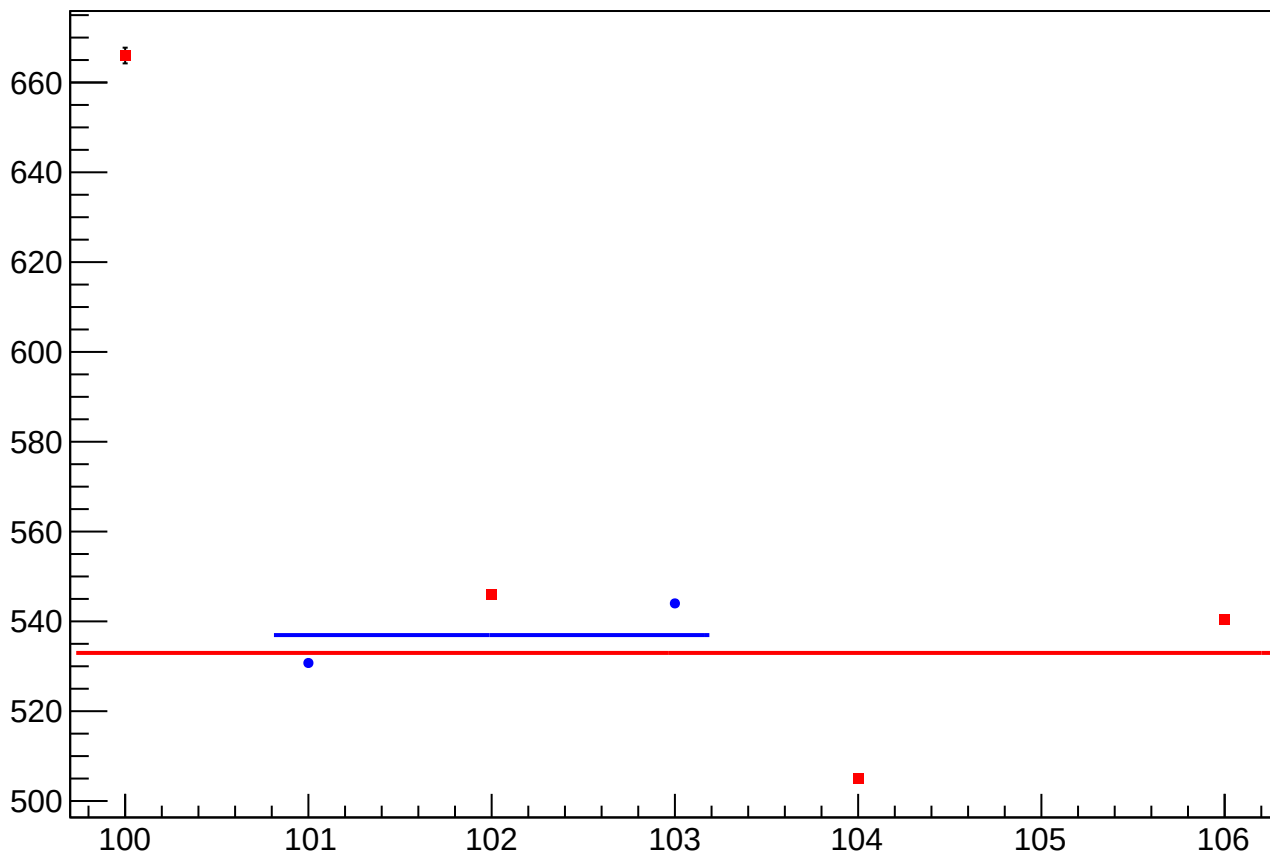
Right: 1005.434+/-323.030 χ^2/NDF : 4.9/5

In: 833.705+/-478.781 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.434+/-323.030 χ^2/NDF : 4.9/5

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.948 $\pm$ 0.339 χ^2 /NDF: 382.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 532.975 $\pm$ 0.309 χ^2 /NDF: 9781.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

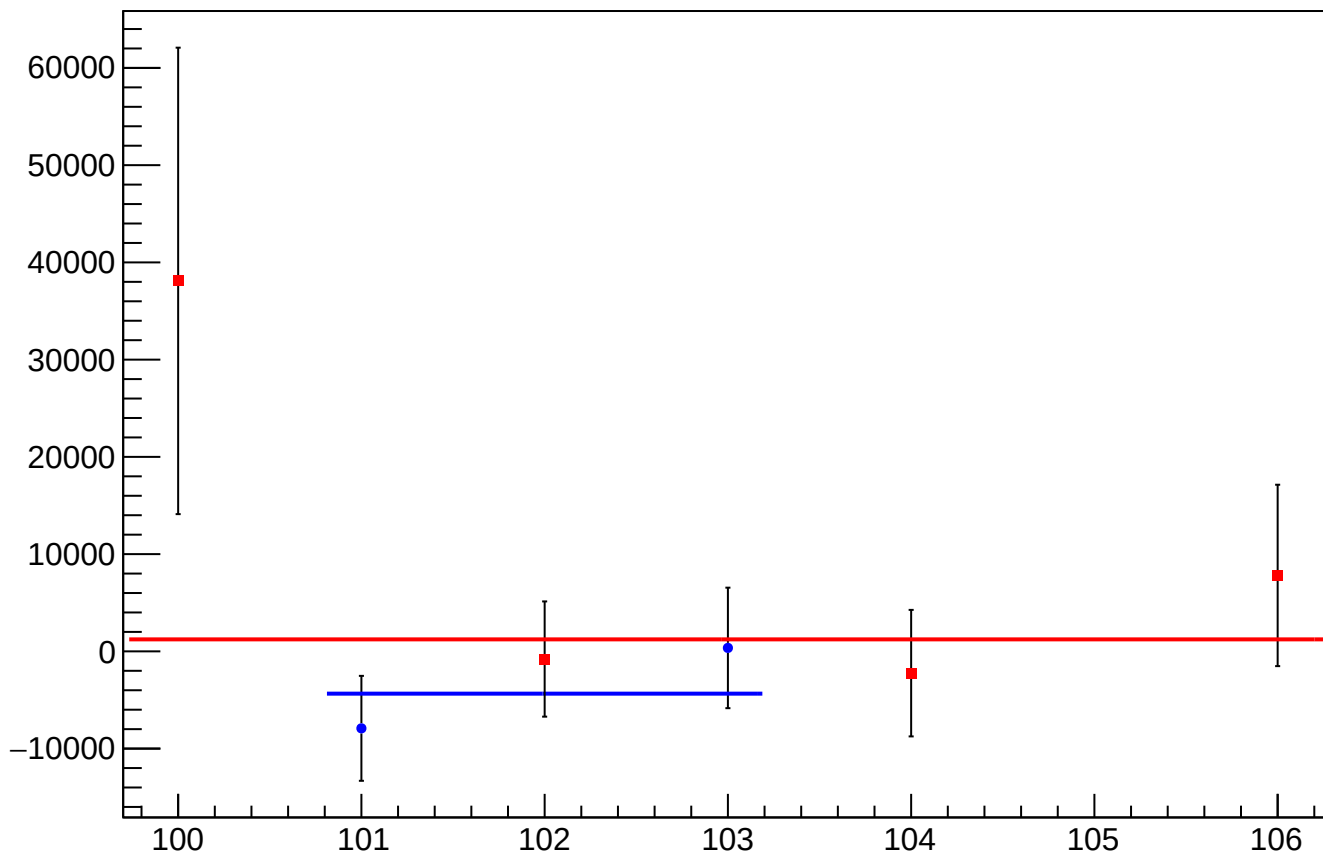
Right: 534.783 $\pm$ 0.228 χ^2 /NDF: 10239.4/5

In: 536.948 $\pm$ 0.339 χ^2 /NDF:382.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 534.783 $\pm$ 0.228 χ^2 /NDF: 10239.4/5

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4349.673+/-4069.097 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1232.616+/-3911.944 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

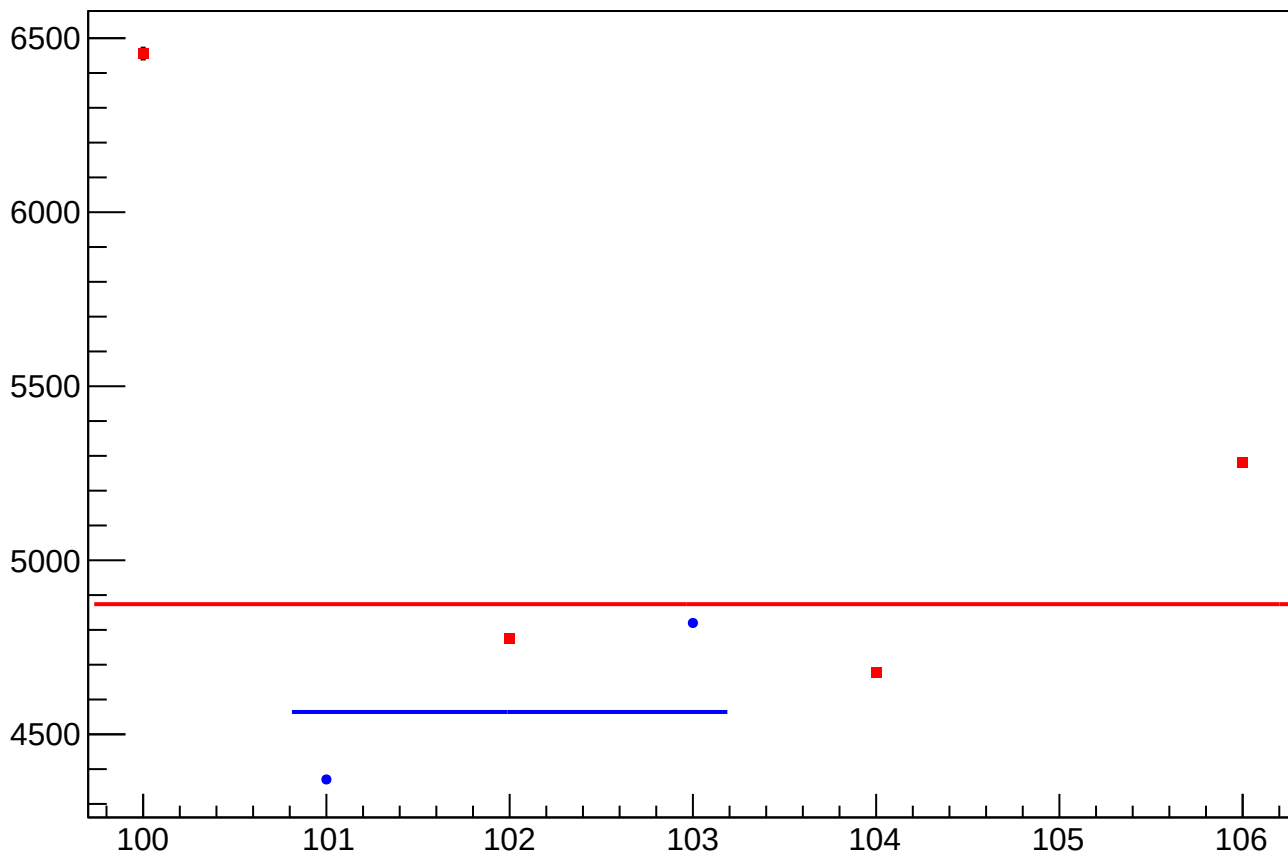
Right: -1448.651+/-2820.084 χ^2/NDF : 5.3/5

In: -4349.673+/-4069.097 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1448.651+/-2820.084 χ^2/NDF : 5.3/5

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4564.188+/-2.877 χ^2/NDF : 5990.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4873.932+/-2.766 χ^2/NDF : 14904.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

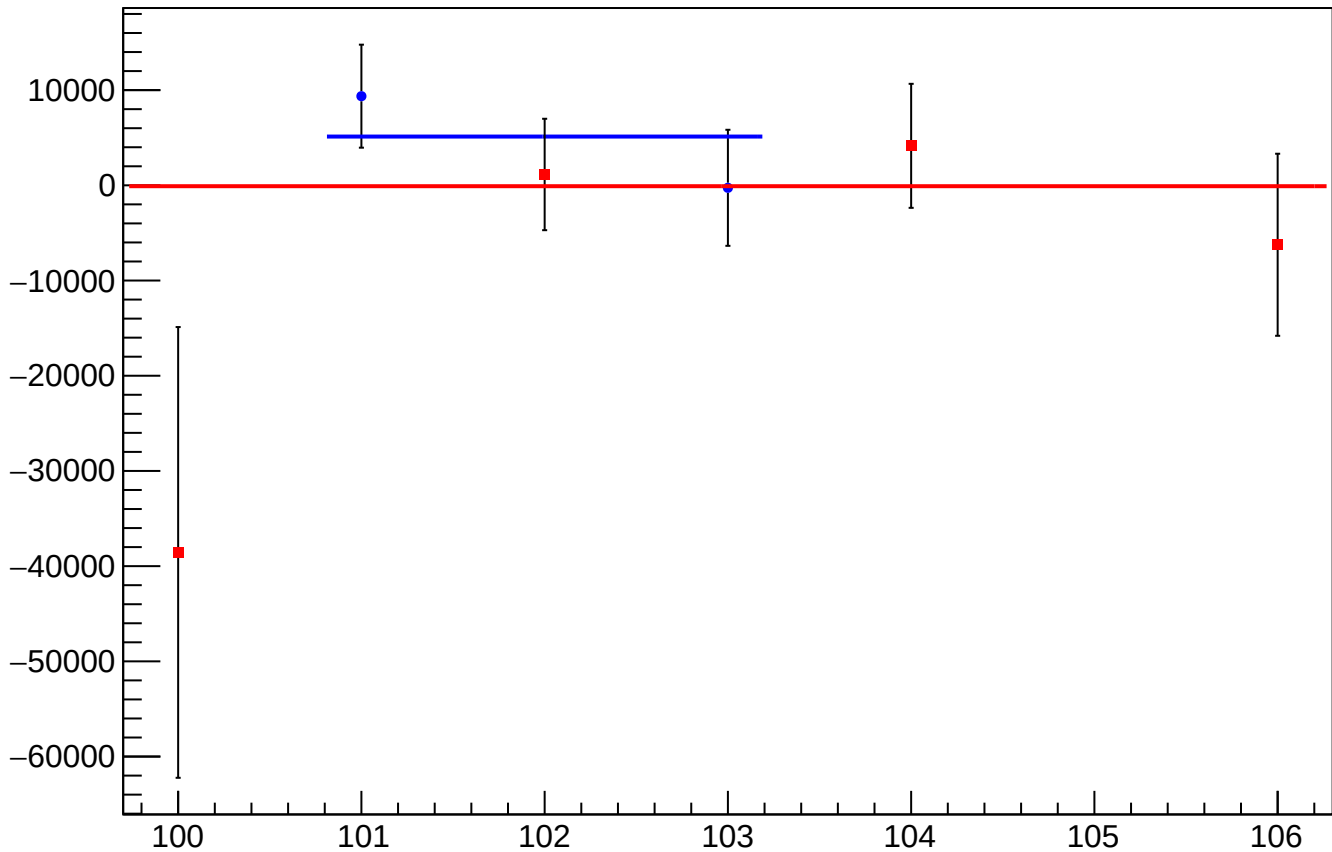
Right: 4725.157+/-1.994 χ^2/NDF : 26917.1/5

In: 4564.188+/-2.877 χ^2/NDF : 5990.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4725.157+/-1.994 χ^2/NDF : 26917.1/5

asym_sam2_mean vs Slug, Sign Corrected



Right In: 5122.757+/-4045.782 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.807+/-3907.161 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

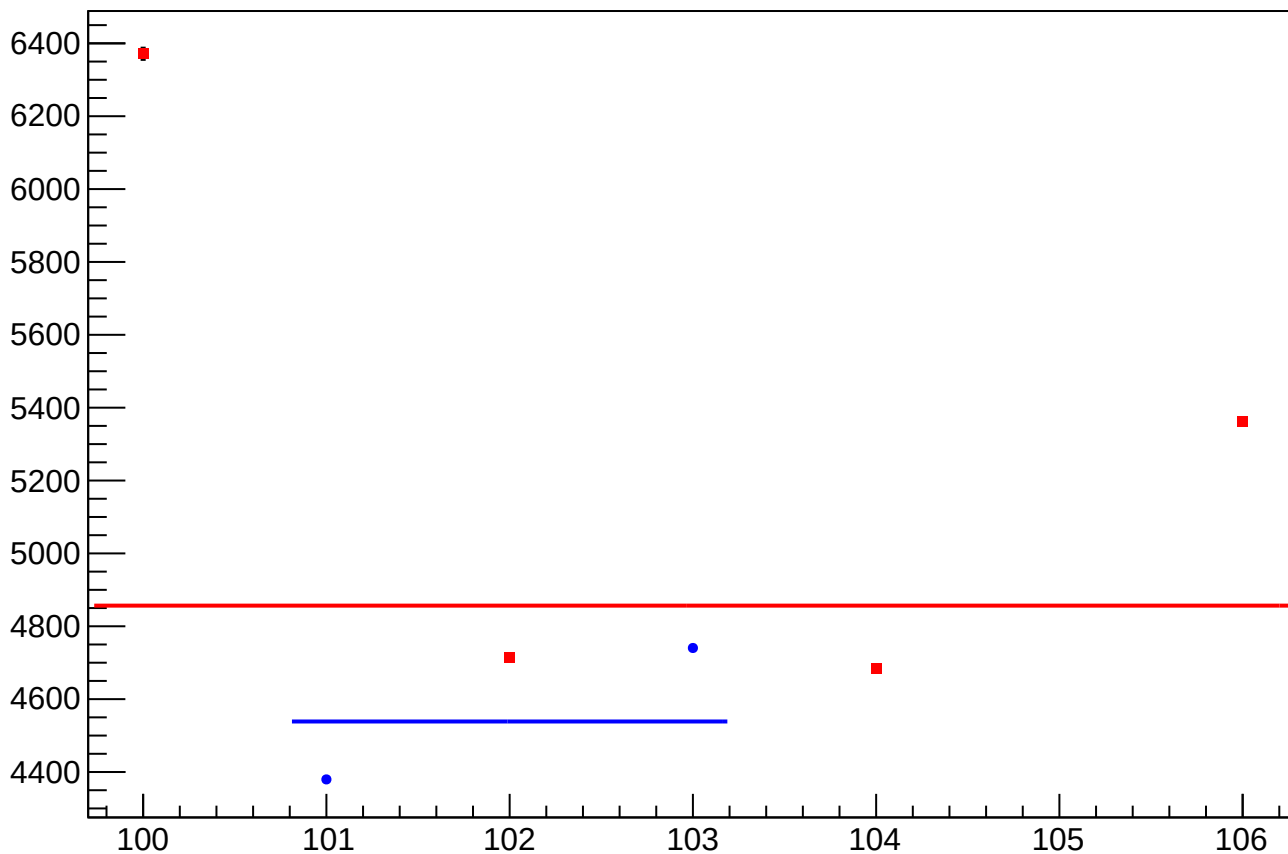
Right: 2424.612+/-2810.509 χ^2/NDF : 5.8/5

In: 5122.757+/-4045.782 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2424.612+/-2810.509 χ^2/NDF : 5.8/5

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4538.661+/-2.861 χ^2/NDF : 3919.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4856.672+/-2.763 χ^2/NDF : 16368.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

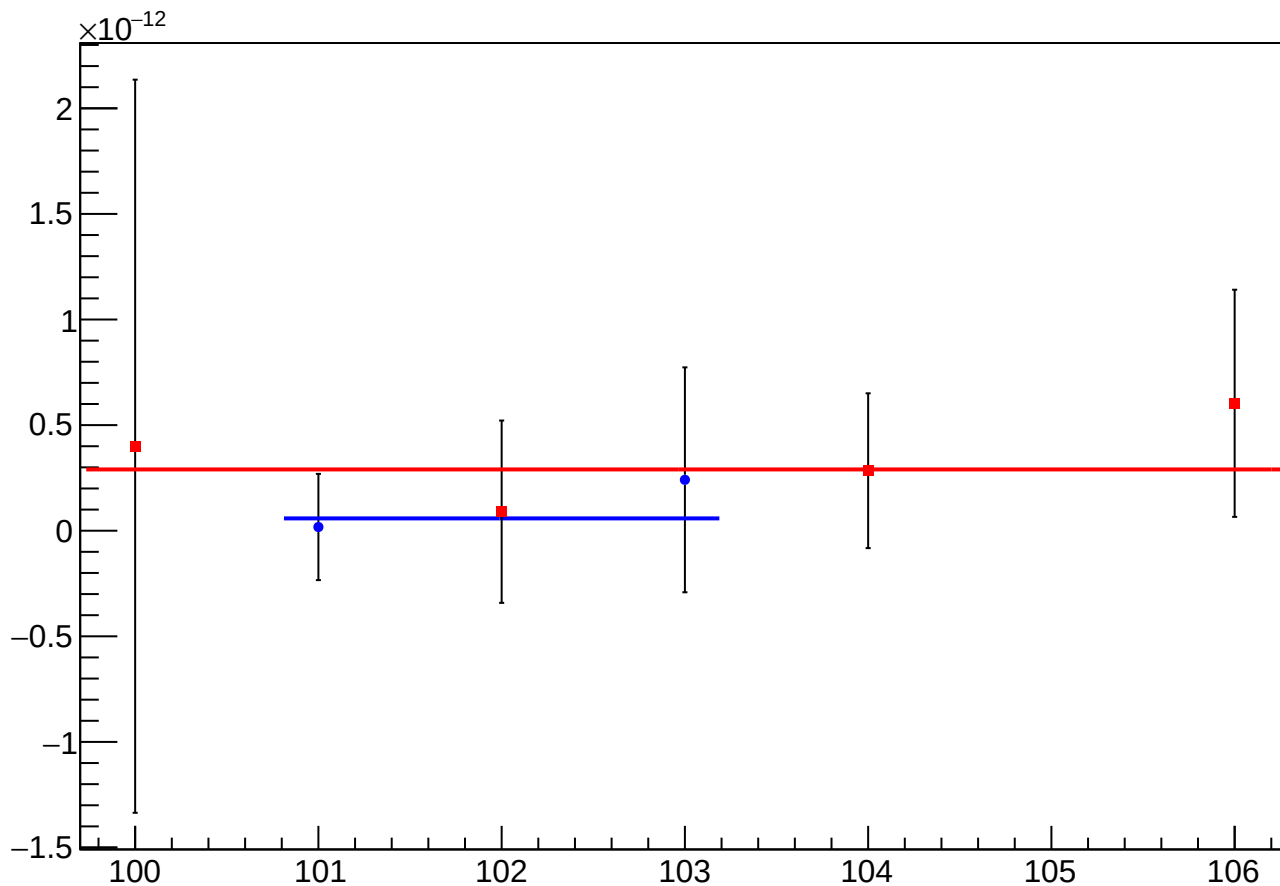
Right: 4703.208+/-1.987 χ^2/NDF : 26681.8/5

In: 4538.661+/-2.861 χ^2/NDF : 3919.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4703.208+/-1.987 χ^2/NDF : 26681.8/5

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

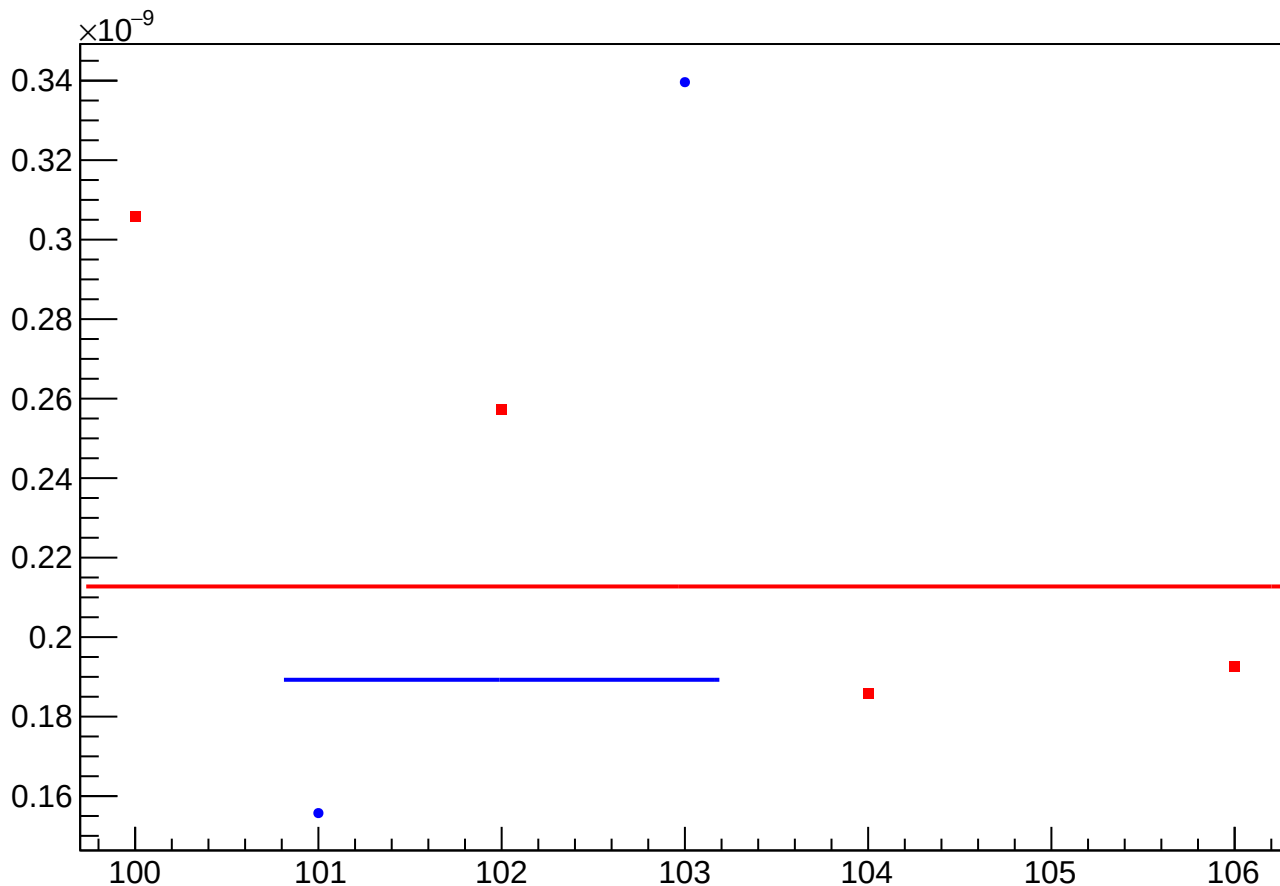
Right: 0.000+/-0.000 χ^2/NDF : 1.2/5

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.2/5

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 195016.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 40658.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

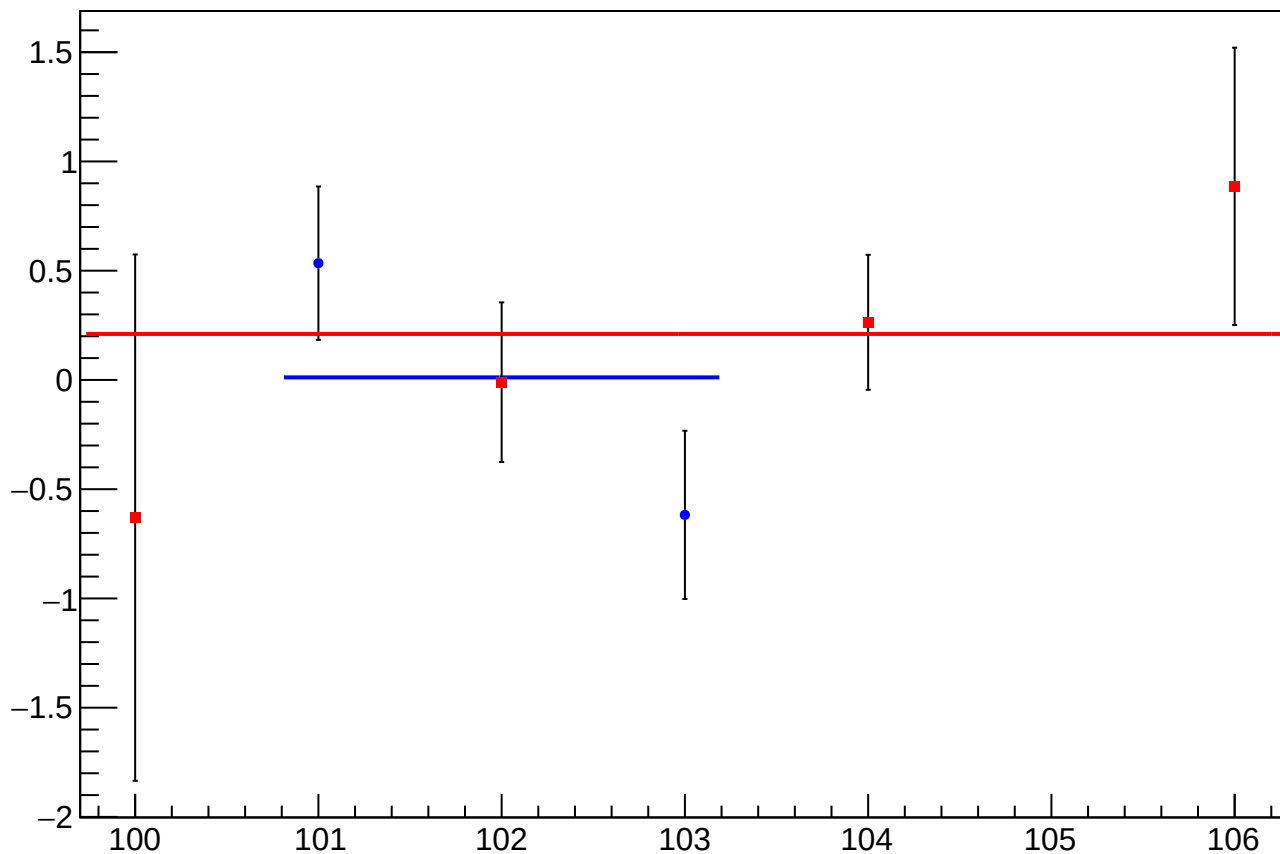
Right: 0.000+/-0.000 χ^2/NDF : 245521.7/5

In: 0.000+/-0.000 χ^2/NDF : 195016.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 245521.7/5

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.211 $\pm$ 0.217 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

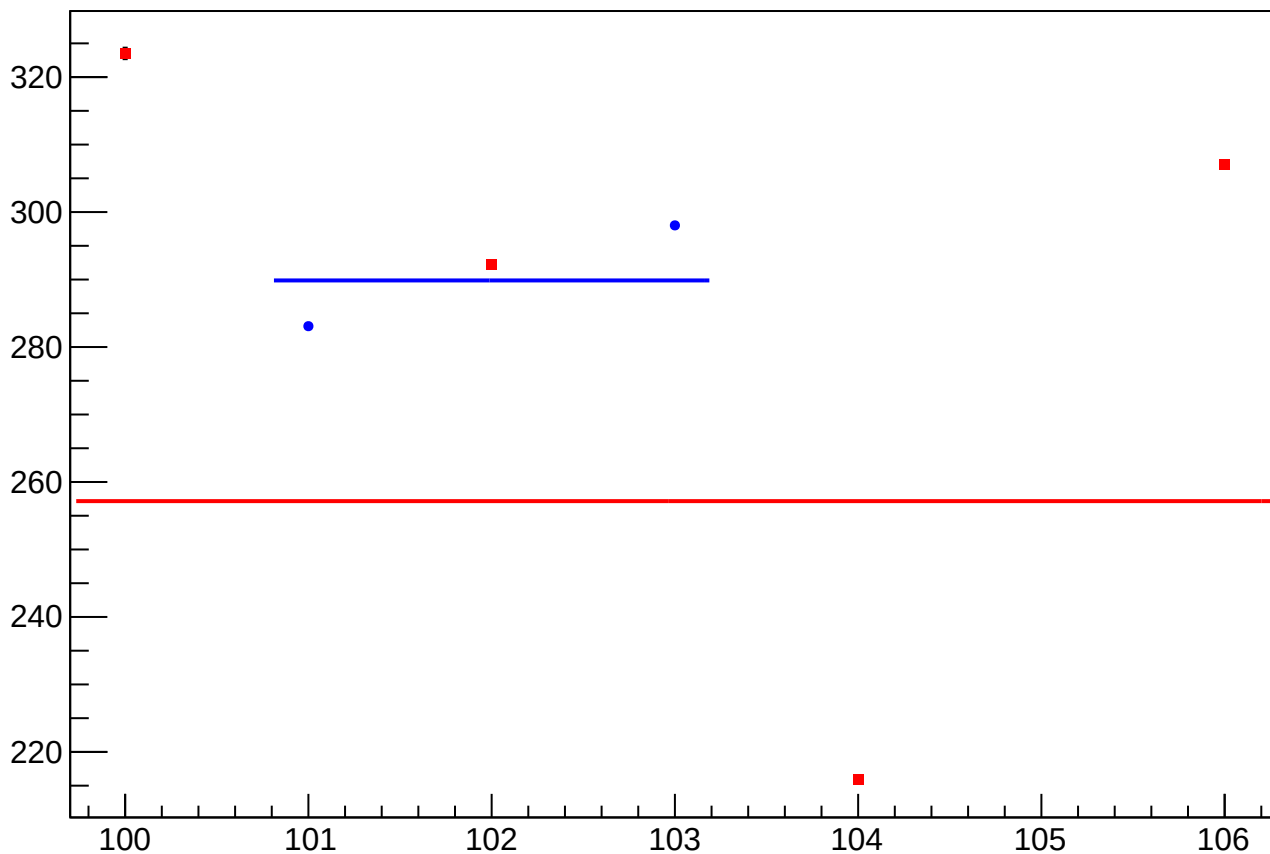
Right: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.868 $\pm$ 0.183 χ^2 /NDF: 1644.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 257.165 $\pm$ 0.154 χ^2 /NDF: 72539.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

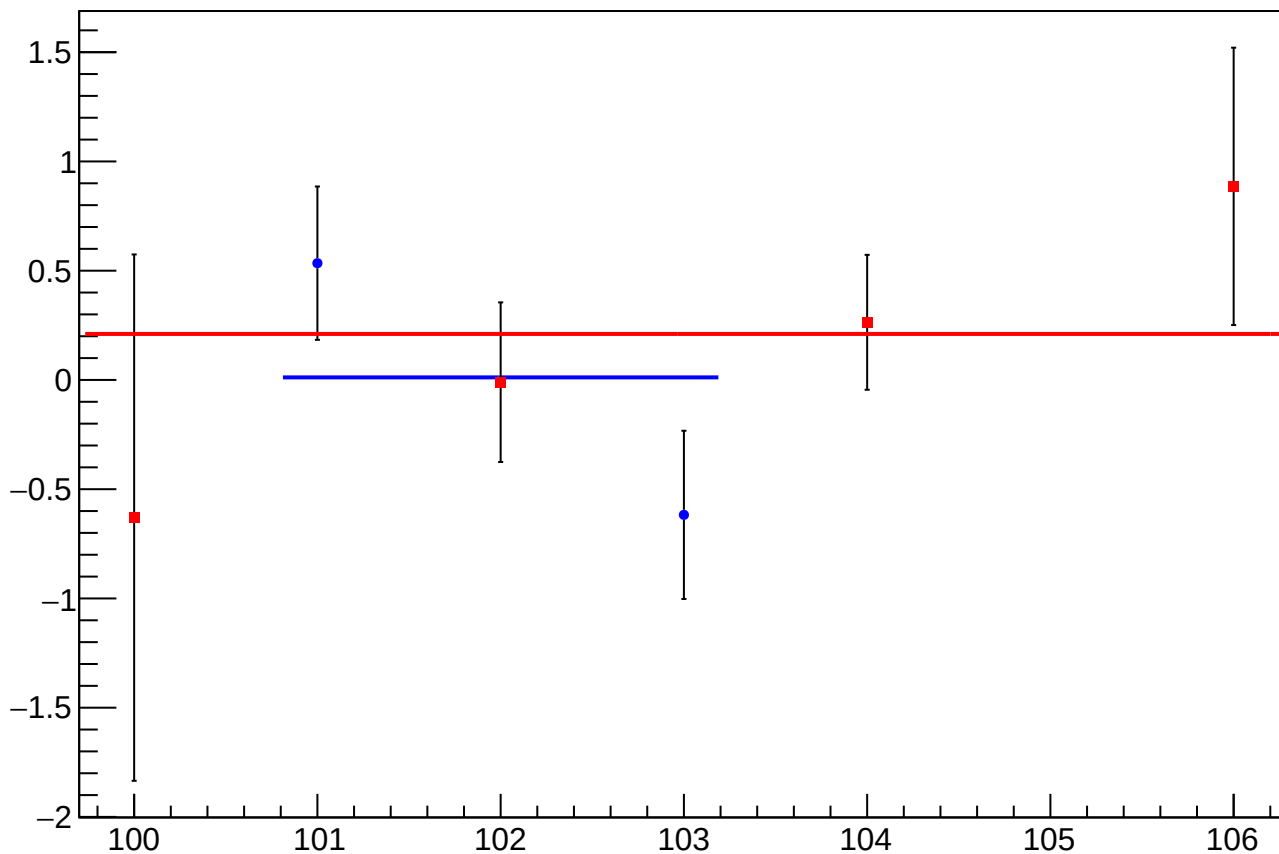
Right: 270.661 $\pm$ 0.118 χ^2 /NDF: 92862.6/5

In: 289.868 $\pm$ 0.183 χ^2 /NDF:1644.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.661 $\pm$ 0.118 χ^2 /NDF: 92862.6/5

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.211 $\pm$ 0.217 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

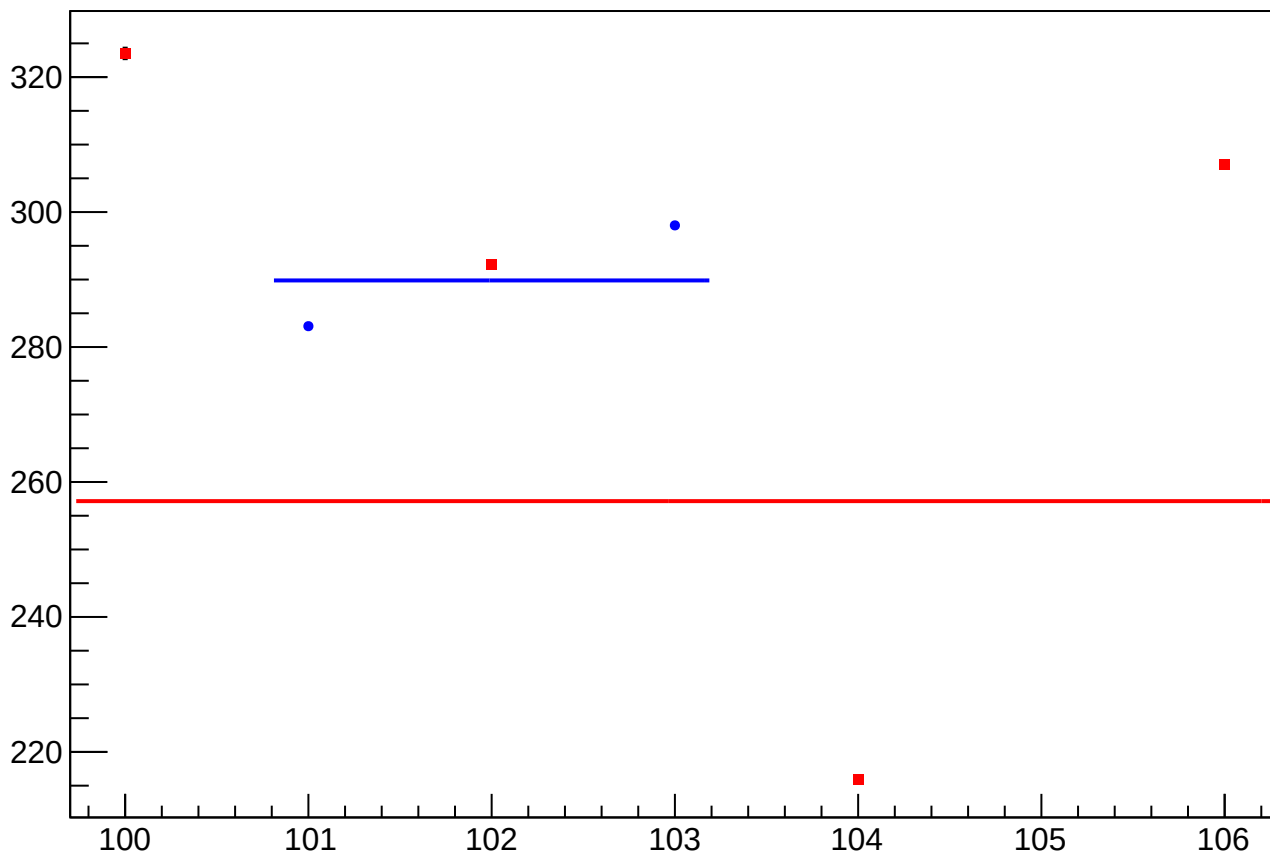
Right: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.868 ± 0.183 $\chi^2/\text{NDF}: 1644.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 257.165 ± 0.154 $\chi^2/\text{NDF}: 72539.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

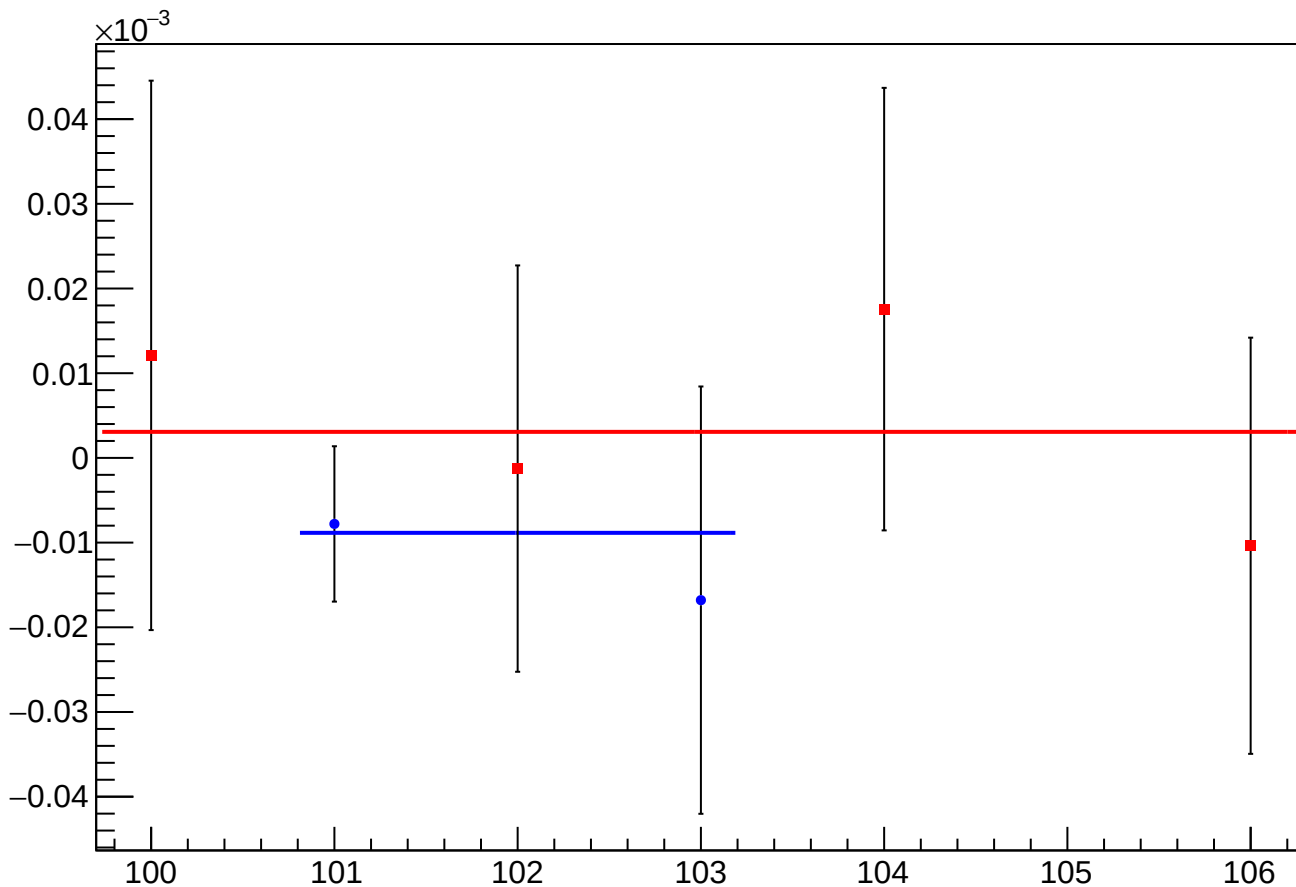
Right: 270.661 ± 0.118 $\chi^2/\text{NDF}: 92862.6/5$

In: 289.868 ± 0.183 $\chi^2/\text{NDF}: 1644.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 270.661 ± 0.118 $\chi^2/\text{NDF}: 92862.6/5$

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

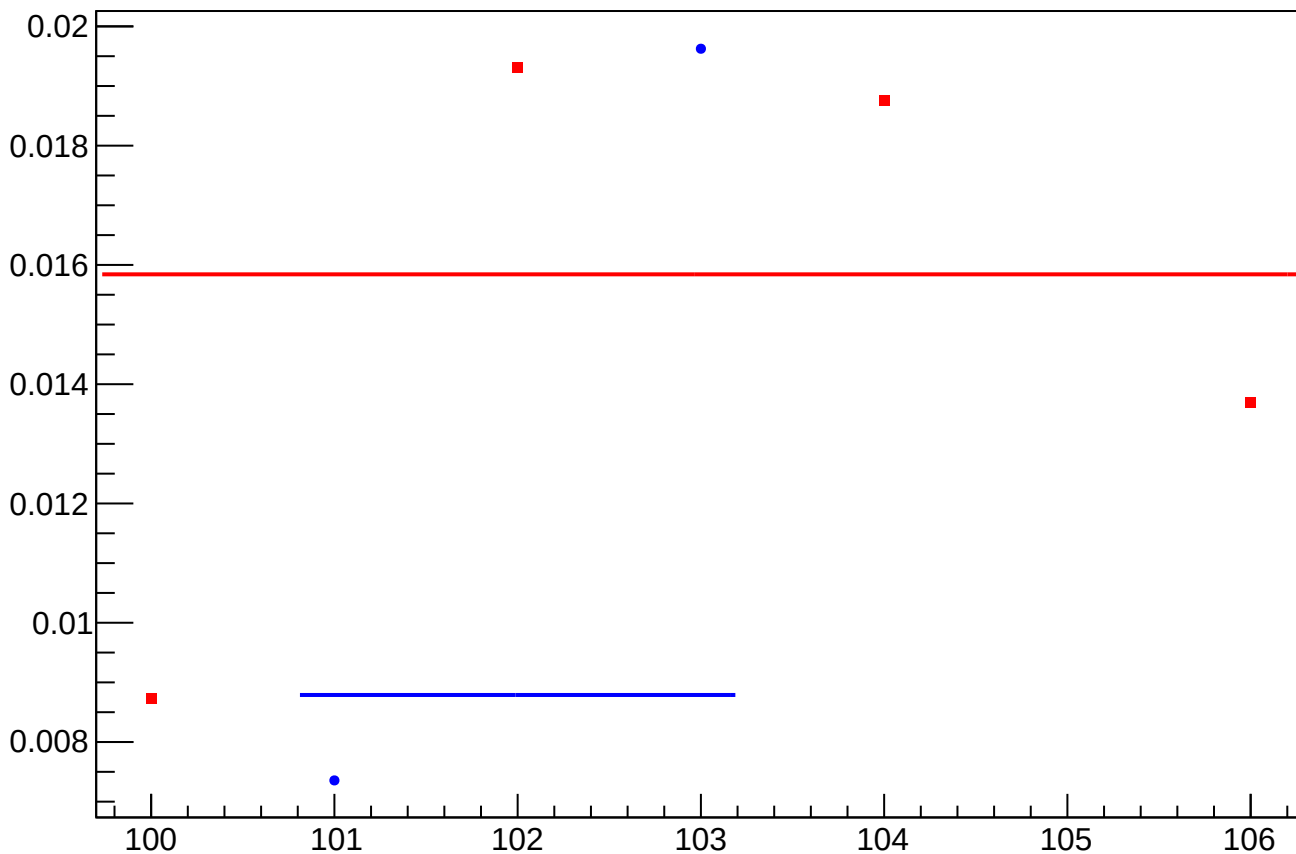
Right: -0.000+/-0.000 χ^2/NDF : 1.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.4/5

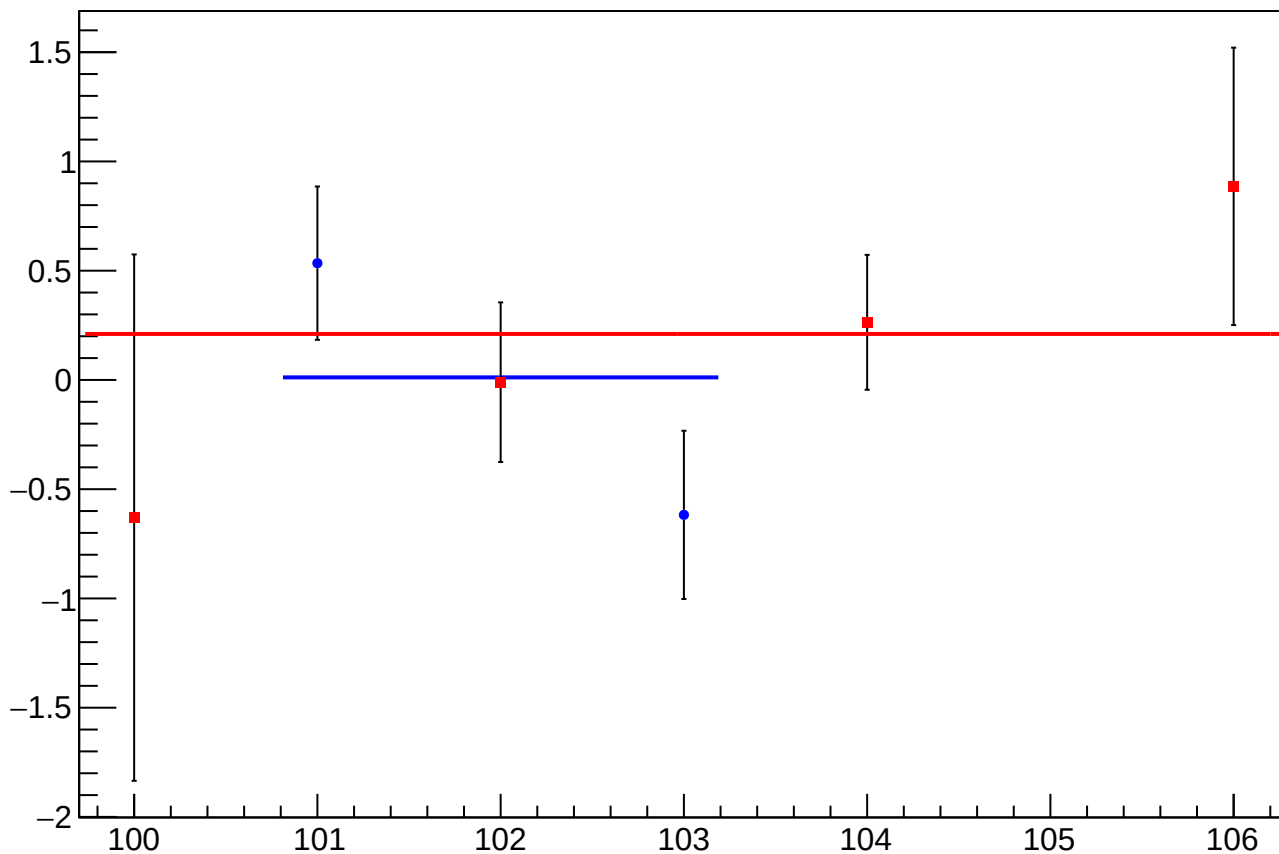
asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 417863.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.016+/-0.000 χ^2/NDF : 178249.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.011+/-0.000 χ^2/NDF : 999901.1/5
 In: 0.009+/-0.000 χ^2/NDF : 417863.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.011+/-0.000 χ^2/NDF : 999901.1/5

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.211 $\pm$ 0.217 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

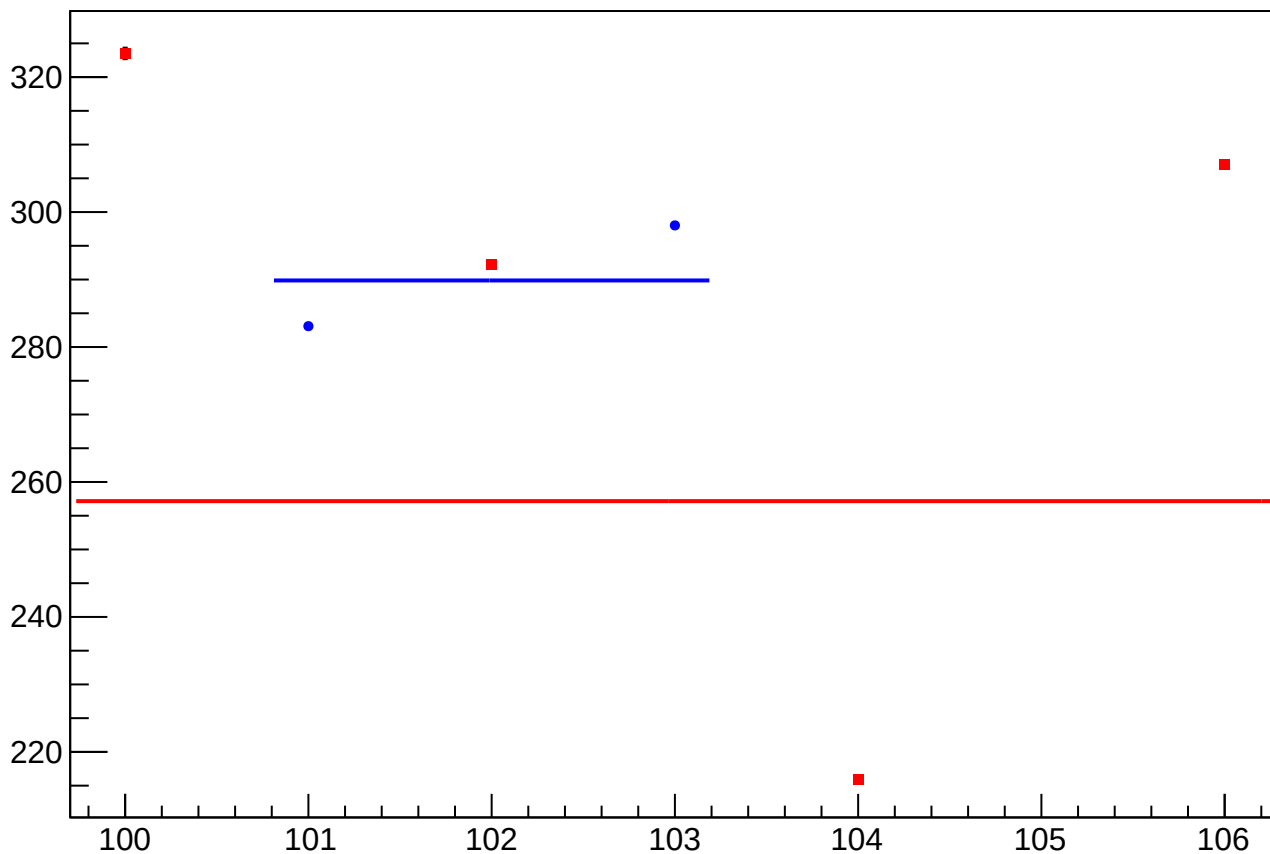
Right: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.866 $\pm$ 0.183 χ^2 /NDF: 1643.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 257.162 $\pm$ 0.154 χ^2 /NDF: 72539.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

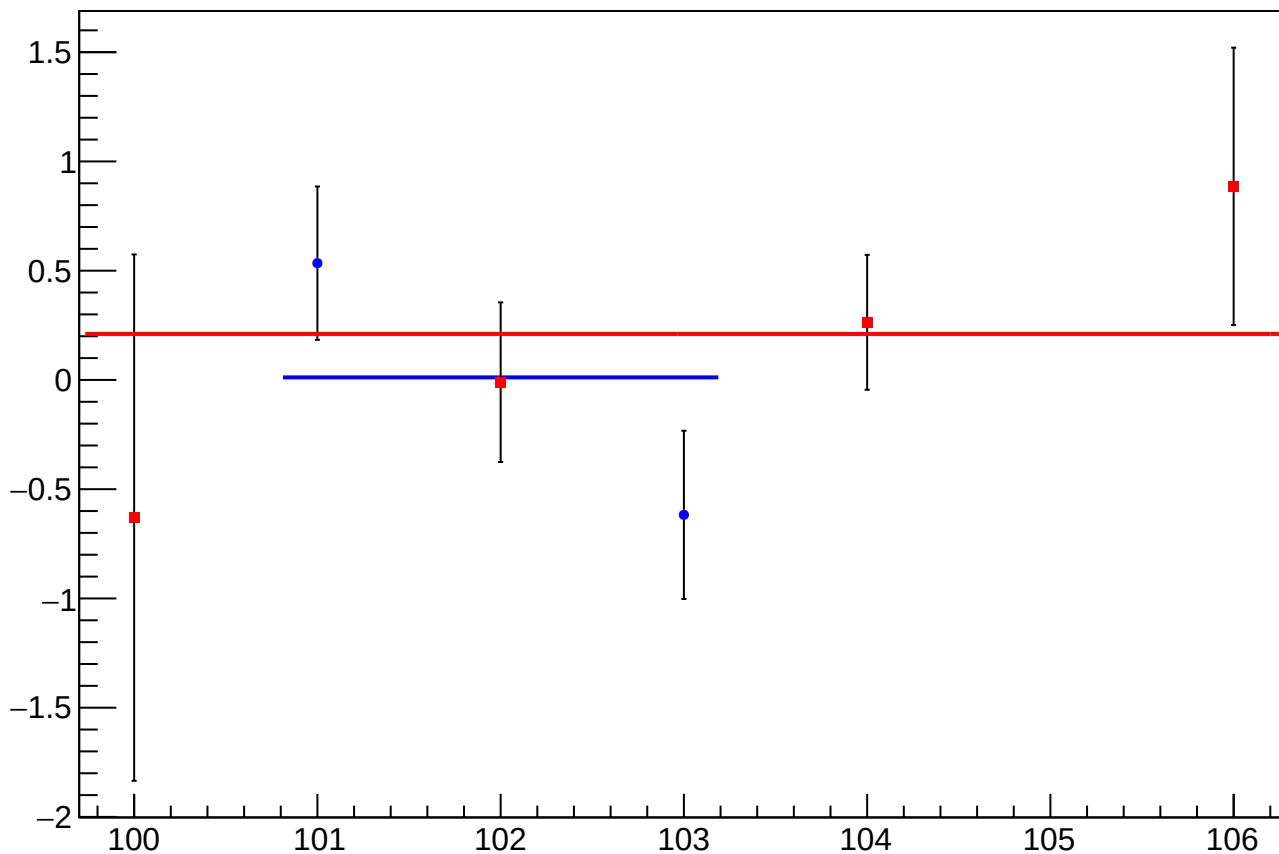
Right: 270.658 $\pm$ 0.118 χ^2 /NDF: 92861.7/5

In: 289.866 $\pm$ 0.183 χ^2 /NDF:1643.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.658 $\pm$ 0.118 χ^2 /NDF: 92861.7/5

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.259 χ^2 /NDF: 4.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.211 $\pm$ 0.217 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

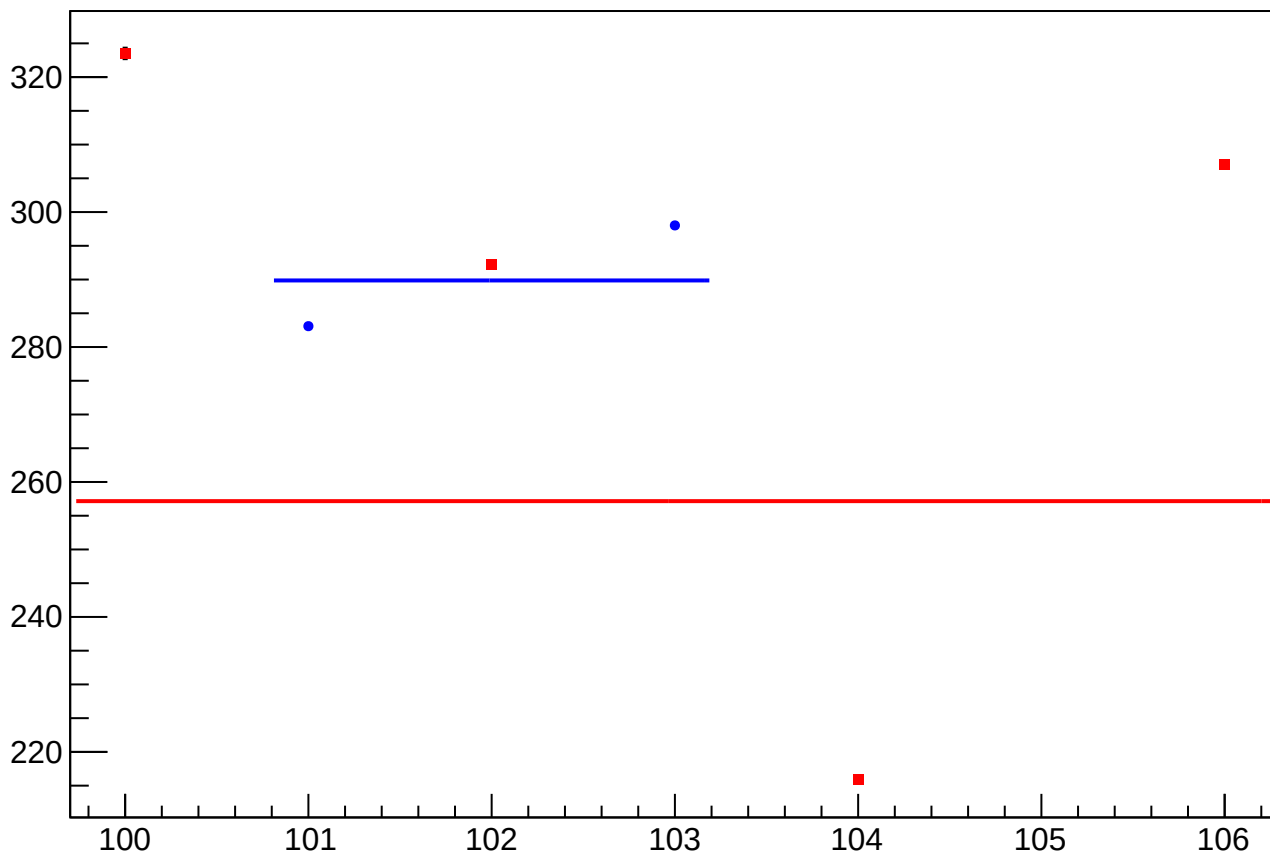
Right: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

In: 0.012 $\pm$ 0.259 χ^2 /NDF:4.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.128 $\pm$ 0.167 χ^2 /NDF: 7.3/5

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.866 ± 0.183 $\chi^2/\text{NDF}: 1643.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 257.162 ± 0.154 $\chi^2/\text{NDF}: 72539.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

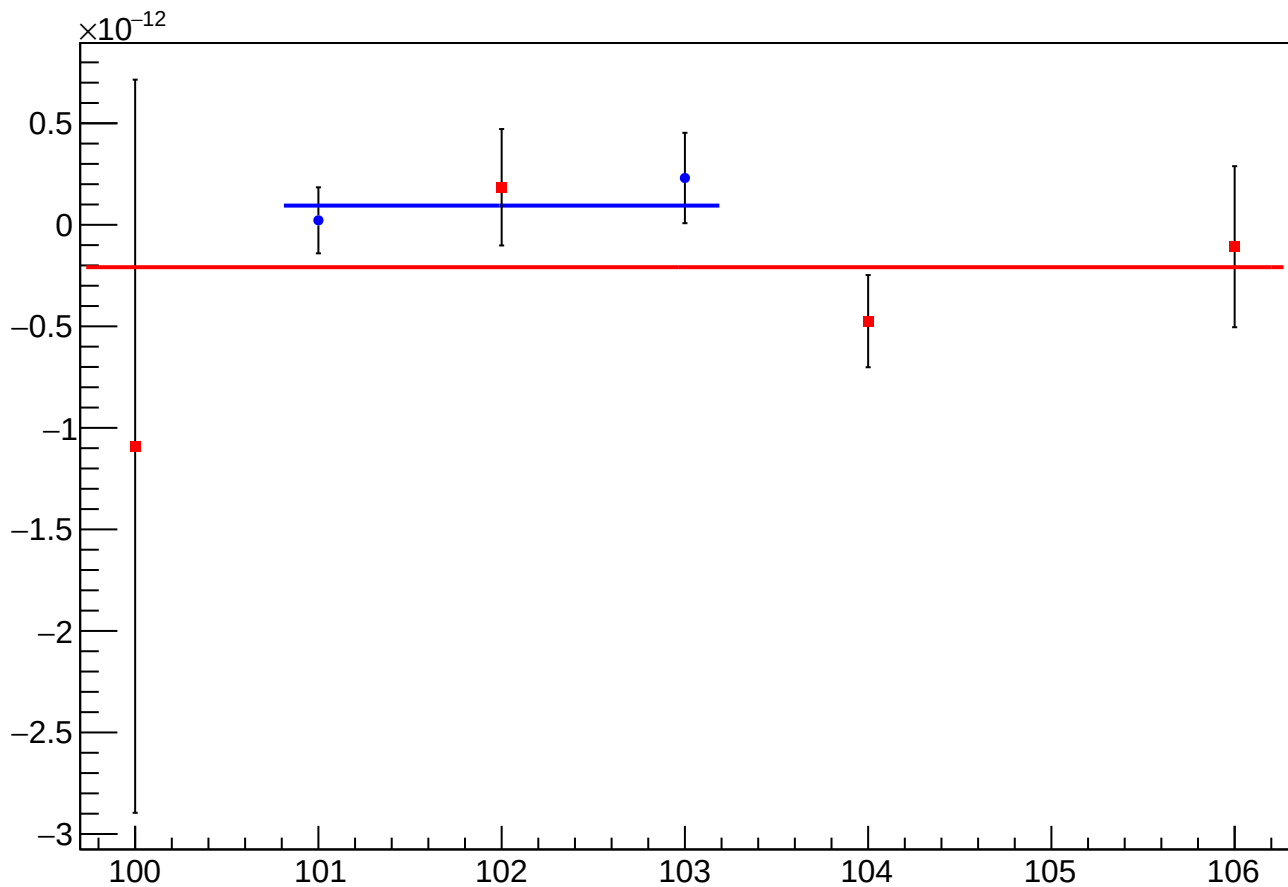
Right: 270.658 ± 0.118 $\chi^2/\text{NDF}: 92861.7/5$

In: 289.866 ± 0.183 $\chi^2/\text{NDF}: 1643.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 270.658 ± 0.118 $\chi^2/\text{NDF}: 92861.7/5$

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

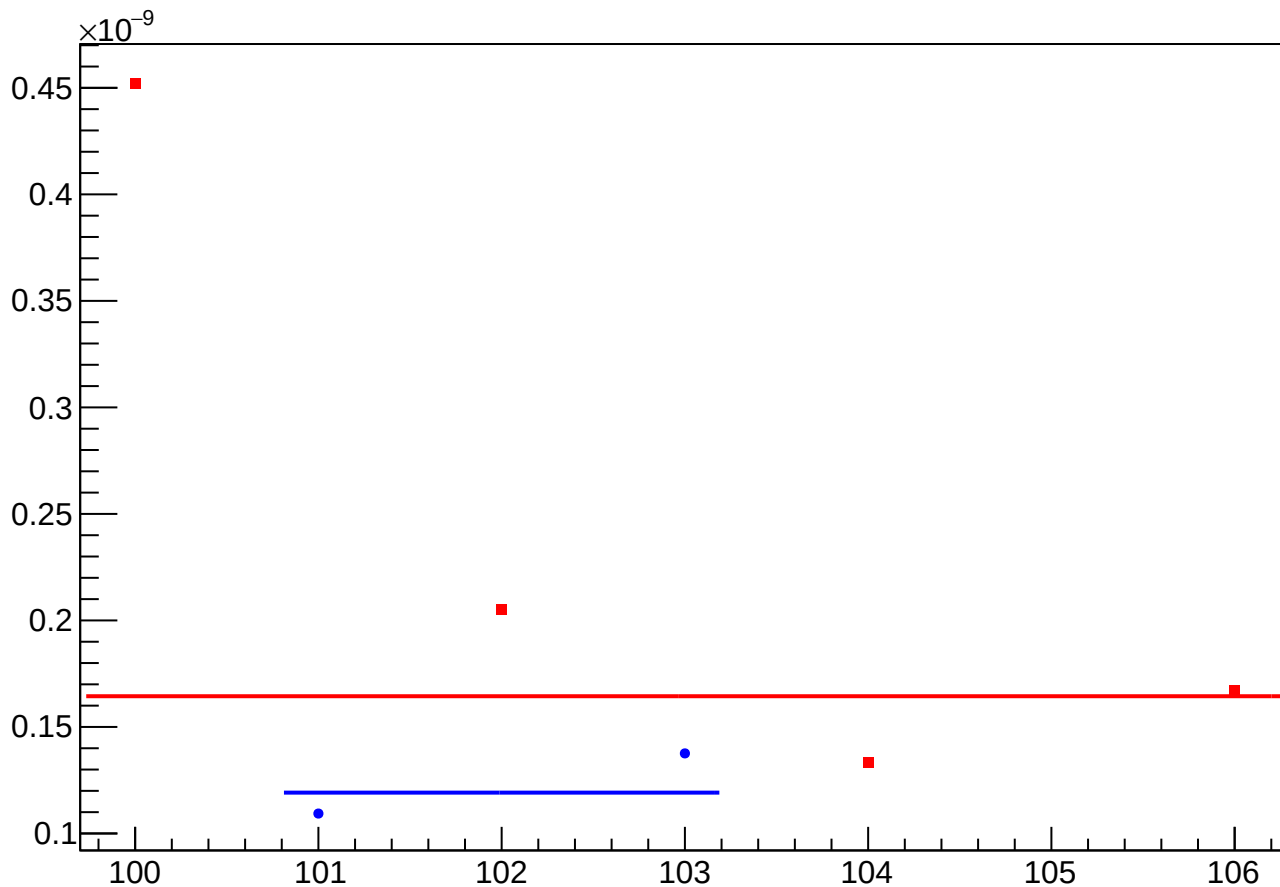
Right: -0.000+/-0.000 χ^2/NDF : 6.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/5

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21000.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 128872.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

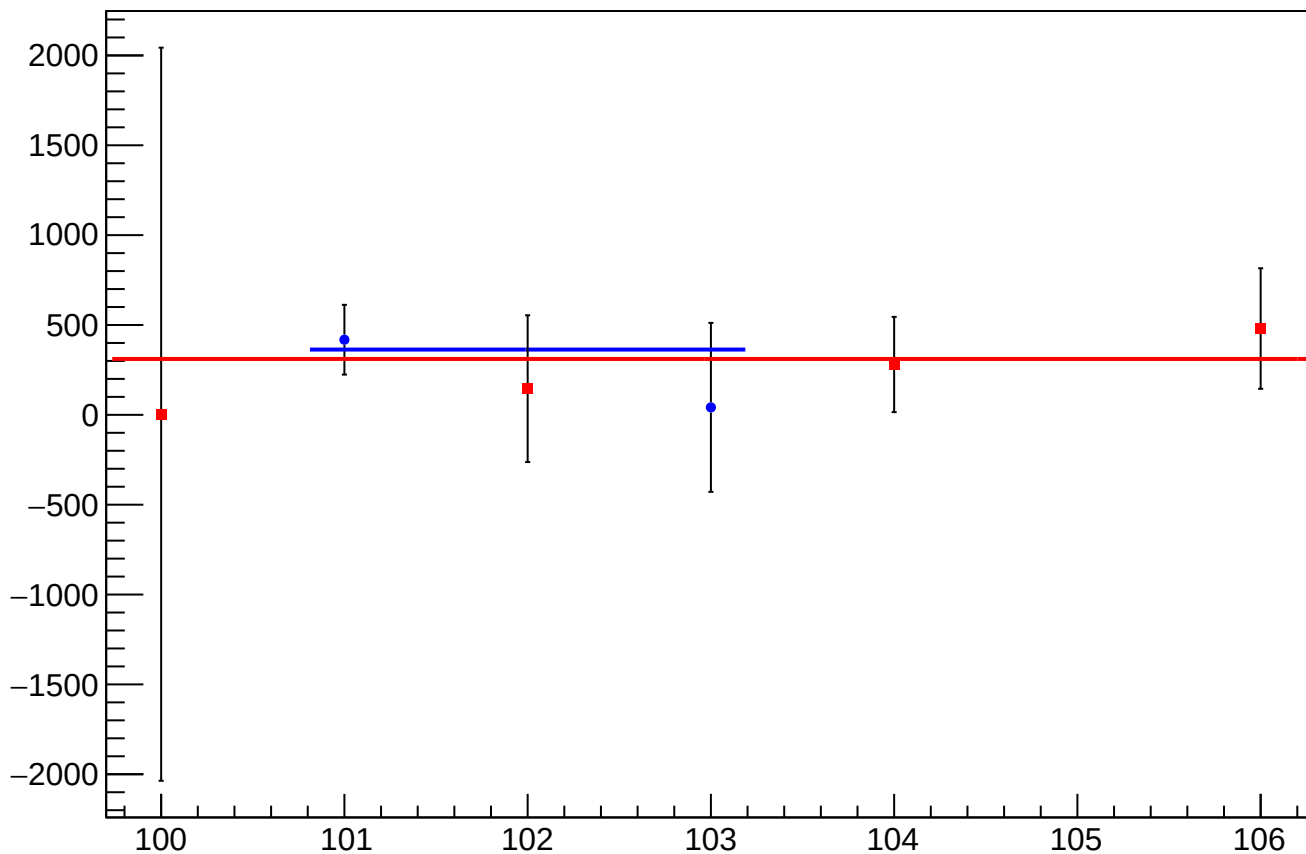
Right: 0.000+/-0.000 χ^2/NDF : 244303.9/5

In: 0.000+/-0.000 χ^2/NDF : 21000.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 244303.9/5

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.288 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 310.994 $\pm$ 184.558 χ^2 /NDF: 0.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

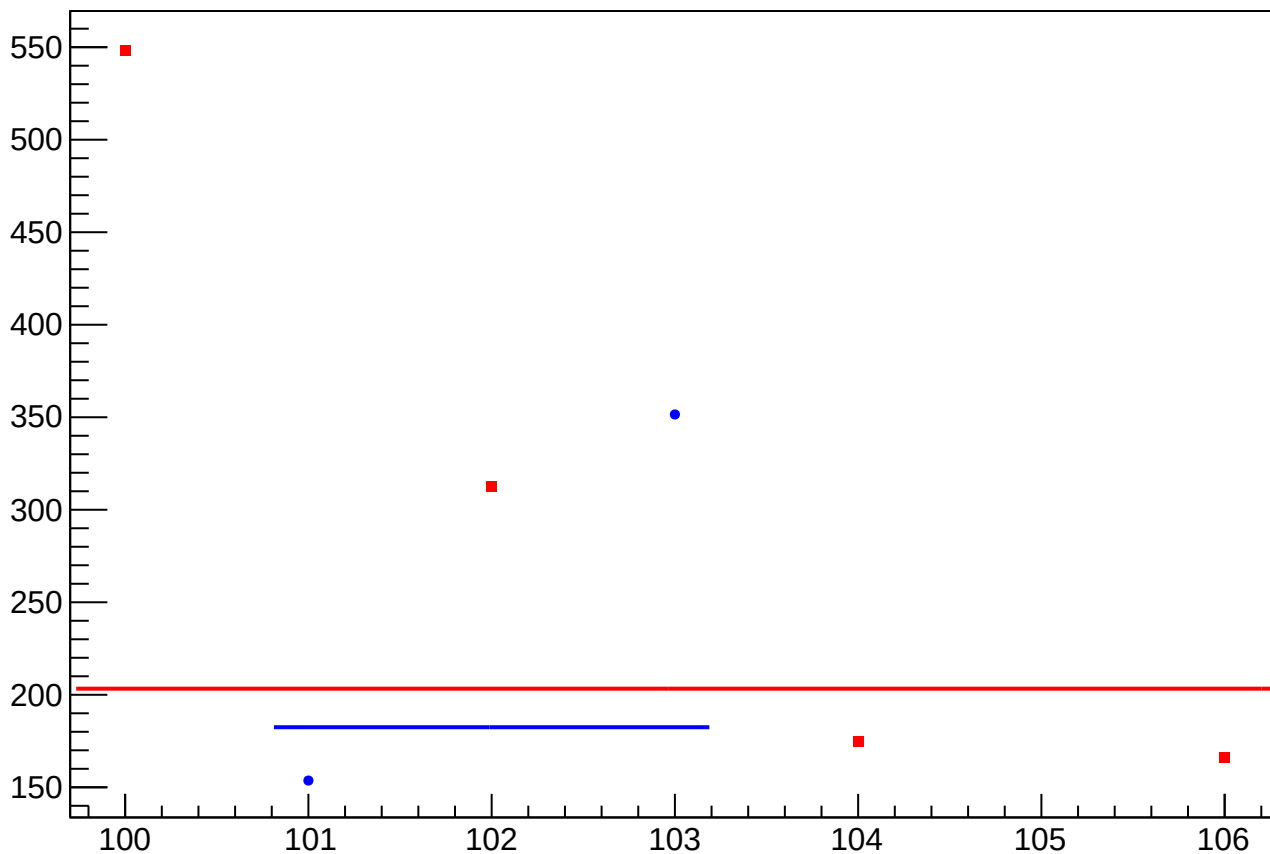
Right: 337.881 $\pm$ 128.644 χ^2 /NDF: 1.0/5

In: 363.288 $\pm$ 179.412 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 337.881 $\pm$ 128.644 χ^2 /NDF: 1.0/5

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302650.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.303+/-0.131 χ^2/NDF : 247771.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

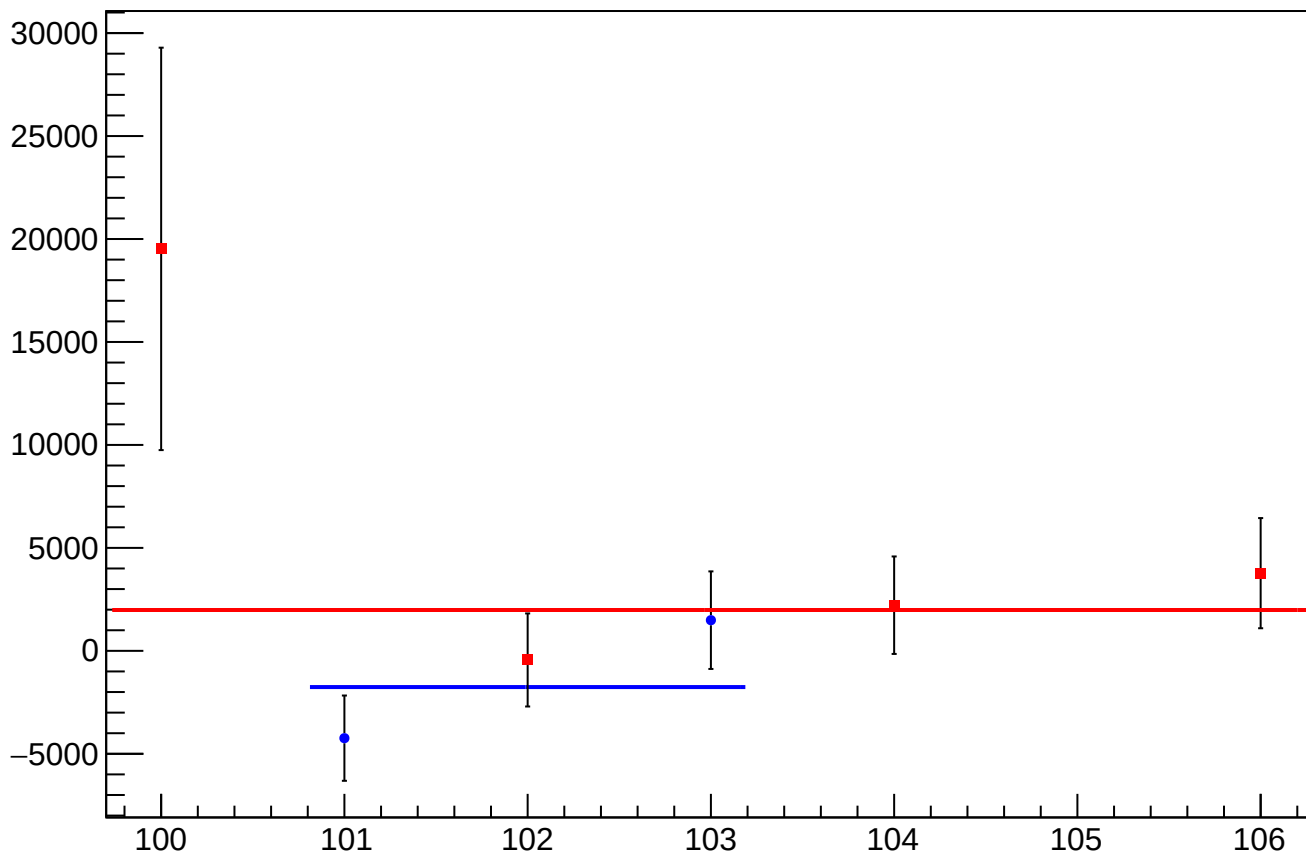
Right: 192.589+/-0.091 χ^2/NDF : 563530.4/5

In: 182.465+/-0.127 χ^2/NDF : 302650.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.589+/-0.091 χ^2/NDF : 563530.4/5

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -1758.598+/-1559.078 χ^2 /NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1983.670+/-1380.693 χ^2 /NDF: 4.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

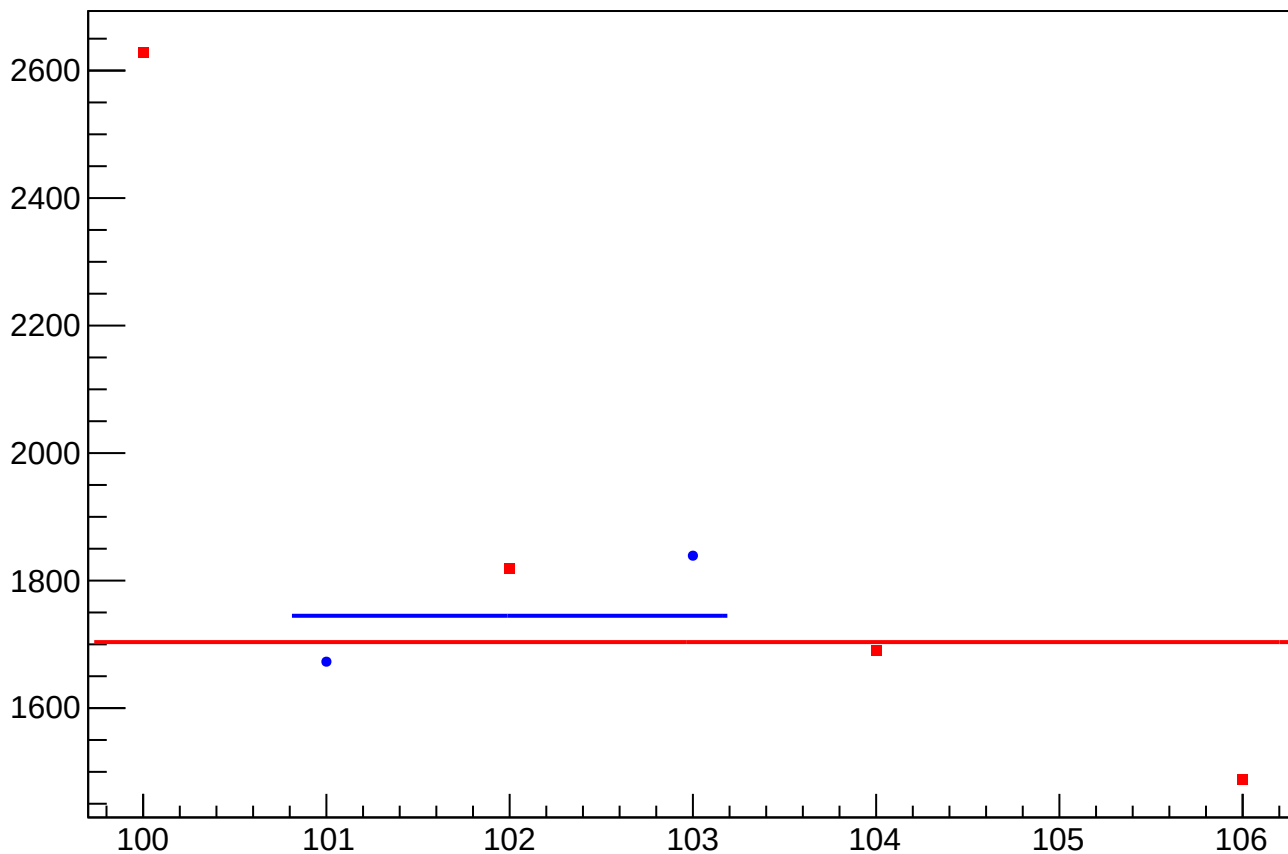
Right: 338.783+/-1033.638 χ^2 /NDF: 11.4/5

In: -1758.598+/-1559.078 χ^2 /NDF:3.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 338.783+/-1033.638 χ^2 /NDF: 11.4/5

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1744.832+/-1.102 χ^2/NDF : 5584.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.550+/-0.976 χ^2/NDF : 36234.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

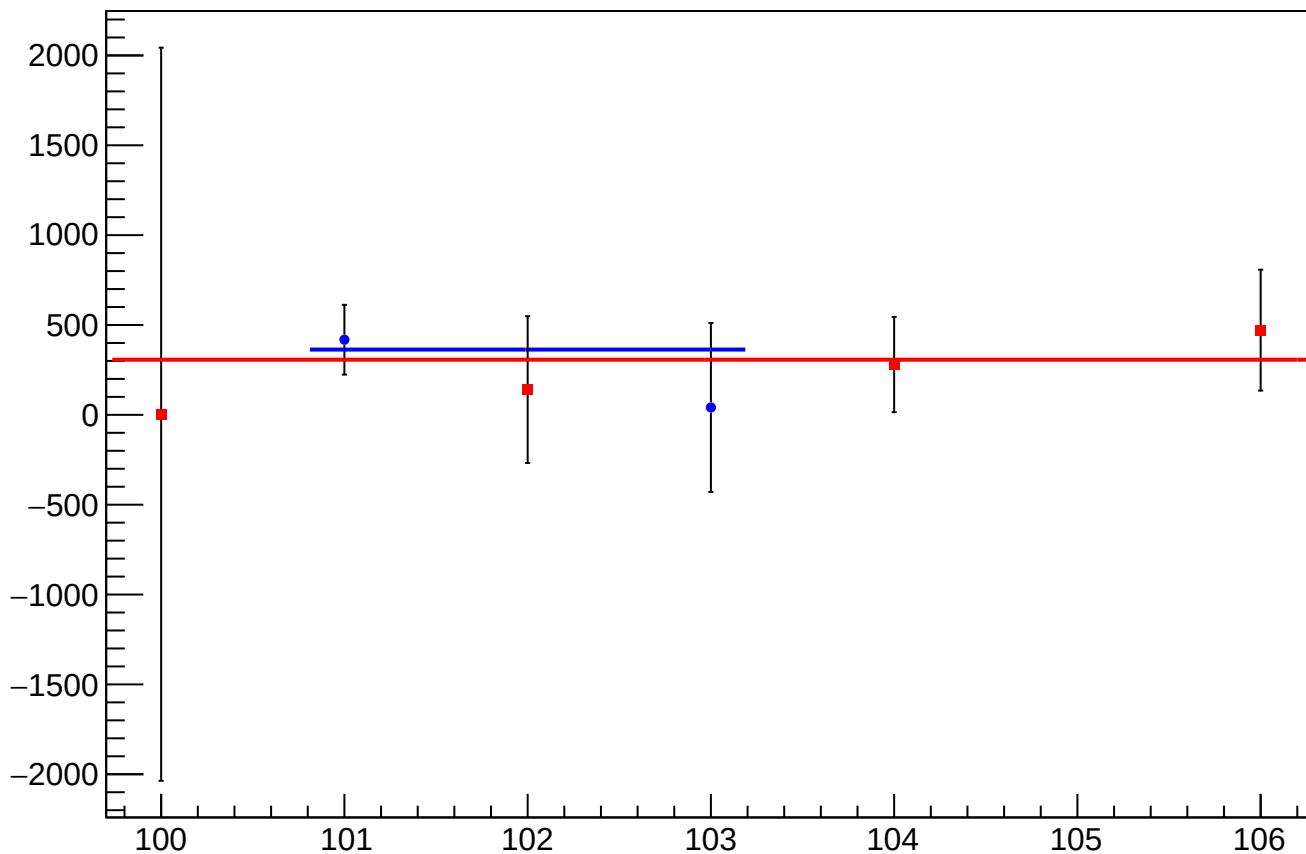
Right: 1721.696+/-0.731 χ^2/NDF : 42604.7/5

In: 1744.832+/-1.102 χ^2/NDF : 5584.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1721.696+/-0.731 χ^2/NDF : 42604.7/5

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 306.867 $\pm$ 184.754 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

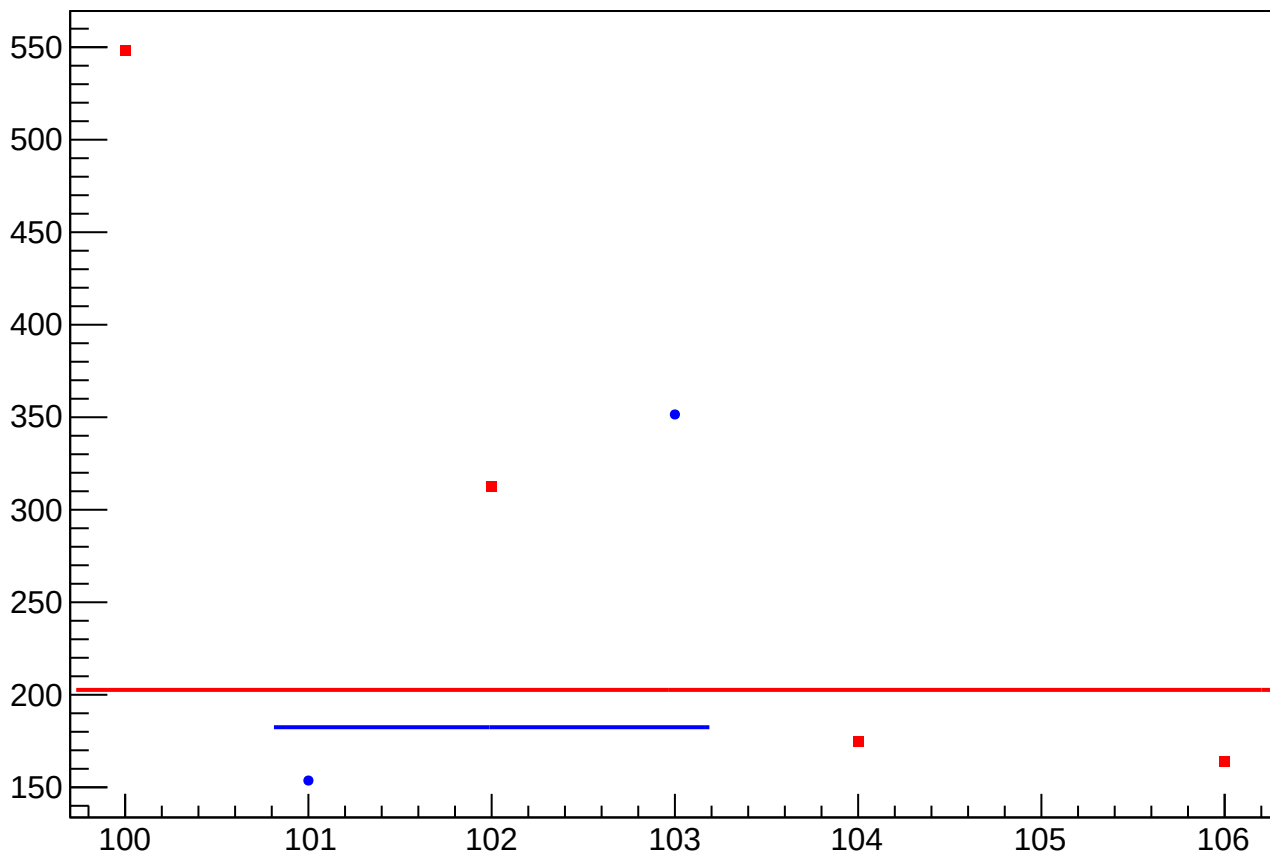
Right: 335.878 $\pm$ 128.711 χ^2 /NDF: 1.0/5

In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 335.878 $\pm$ 128.711 χ^2 /NDF: 1.0/5

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.643+/-0.131 χ^2/NDF : 251055.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

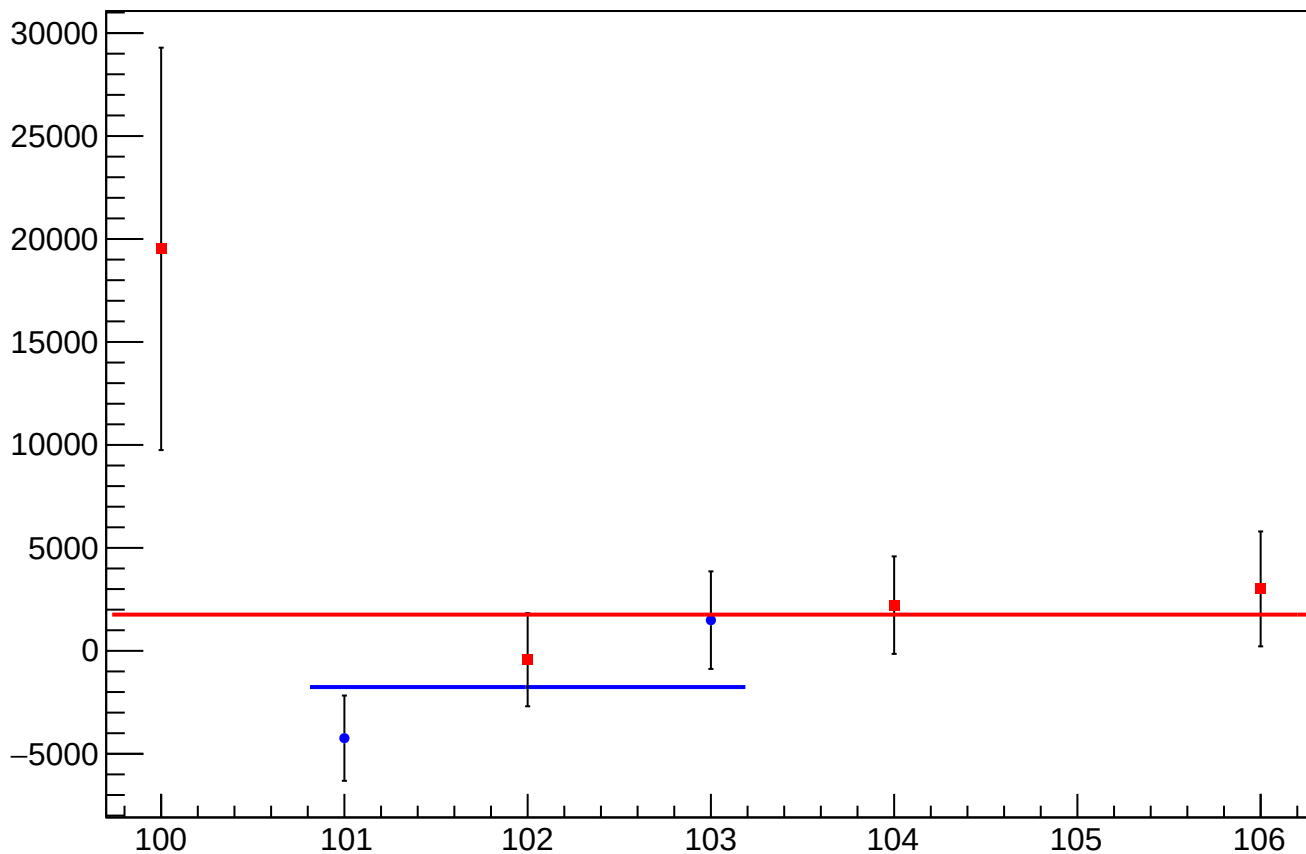
Right: 192.258+/-0.091 χ^2/NDF : 565986.8/5

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.258+/-0.091 χ^2/NDF : 565986.8/5

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1760.066+/-1396.272 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

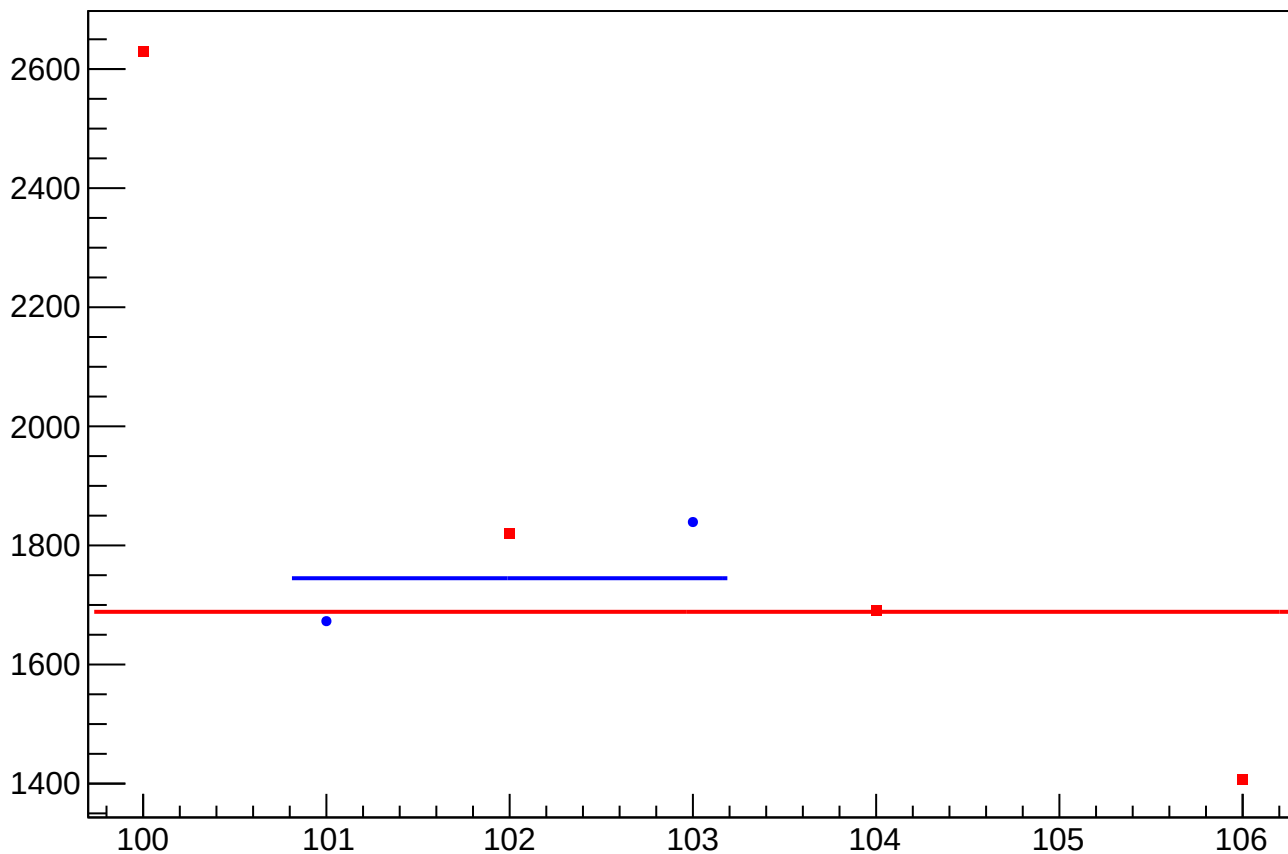
Right: 194.056+/-1040.148 χ^2/NDF : 10.6/5

In: -1758.628+/-1559.153 χ^2/NDF :3.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 194.056+/-1040.148 χ^2/NDF : 10.6/5

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1688.505+/-0.987 χ^2/NDF : 45767.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

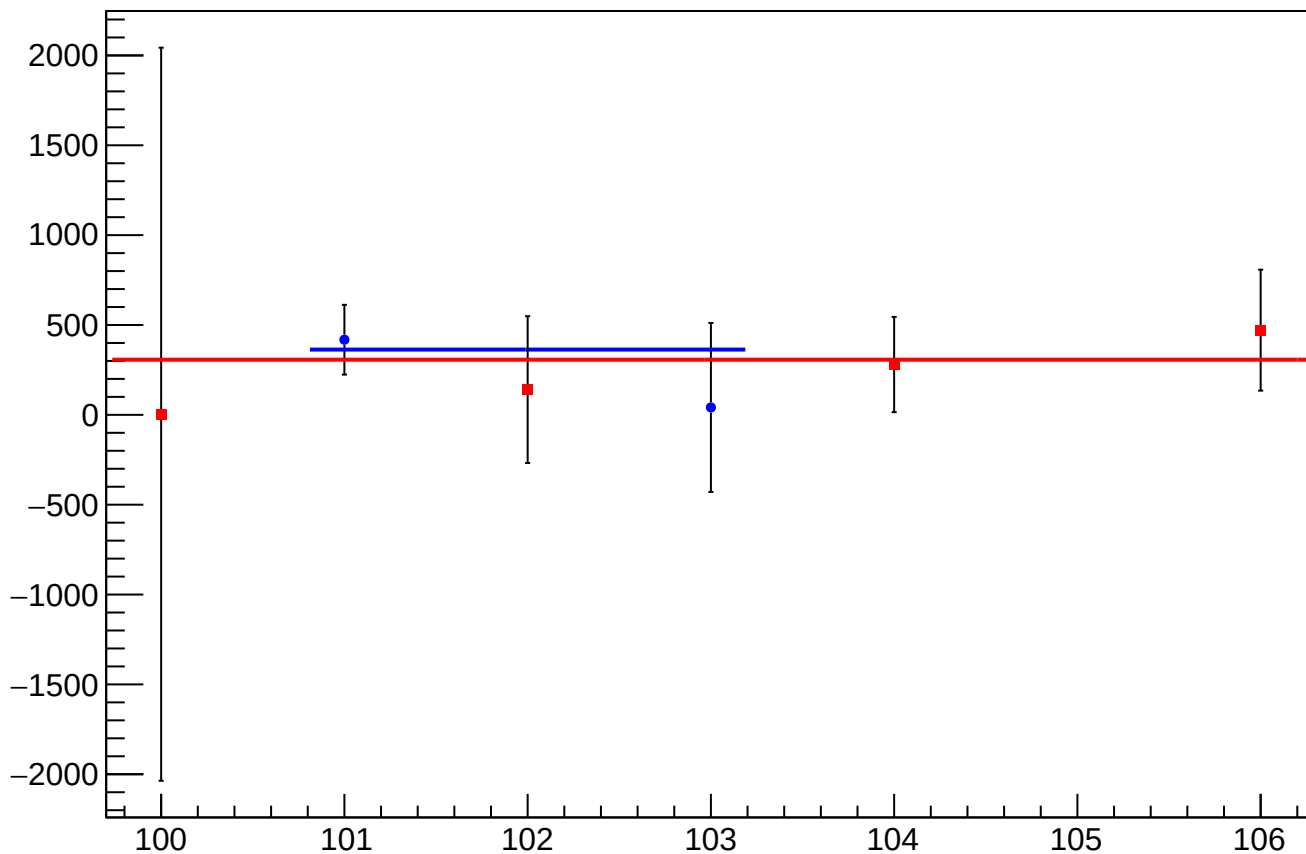
Right: 1713.608+/-0.735 χ^2/NDF : 52816.7/5

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.608+/-0.735 χ^2/NDF : 52816.7/5

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.235 $\pm$ 179.412 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 306.867 $\pm$ 184.754 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

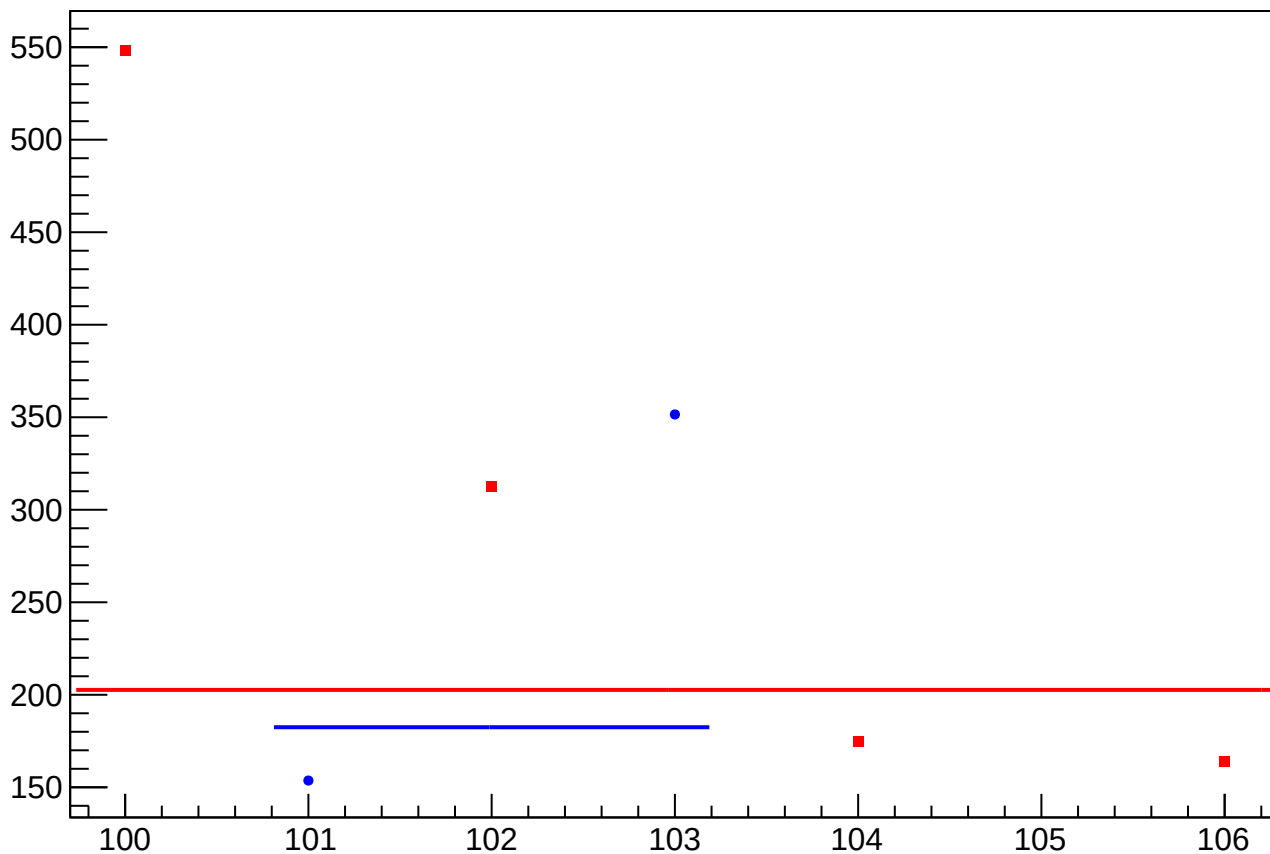
Right: 335.878 $\pm$ 128.711 χ^2 /NDF: 1.0/5

In: 363.235 $\pm$ 179.412 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 335.878 $\pm$ 128.711 χ^2 /NDF: 1.0/5

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.643+/-0.131 χ^2/NDF : 251055.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

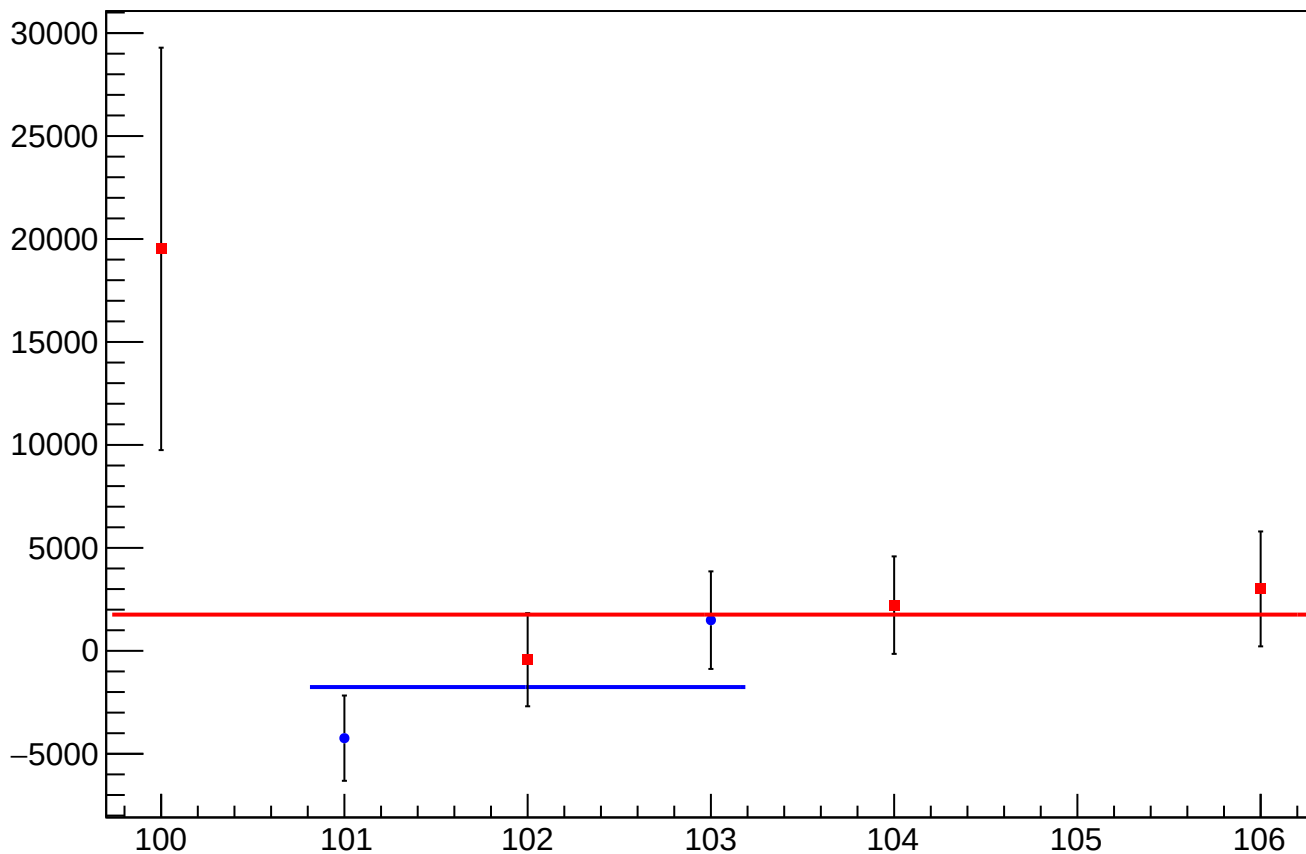
Right: 192.258+/-0.091 χ^2/NDF : 565986.8/5

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.258+/-0.091 χ^2/NDF : 565986.8/5

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1758.628+/-1559.153 χ^2 /NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1760.066+/-1396.272 χ^2 /NDF: 4.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

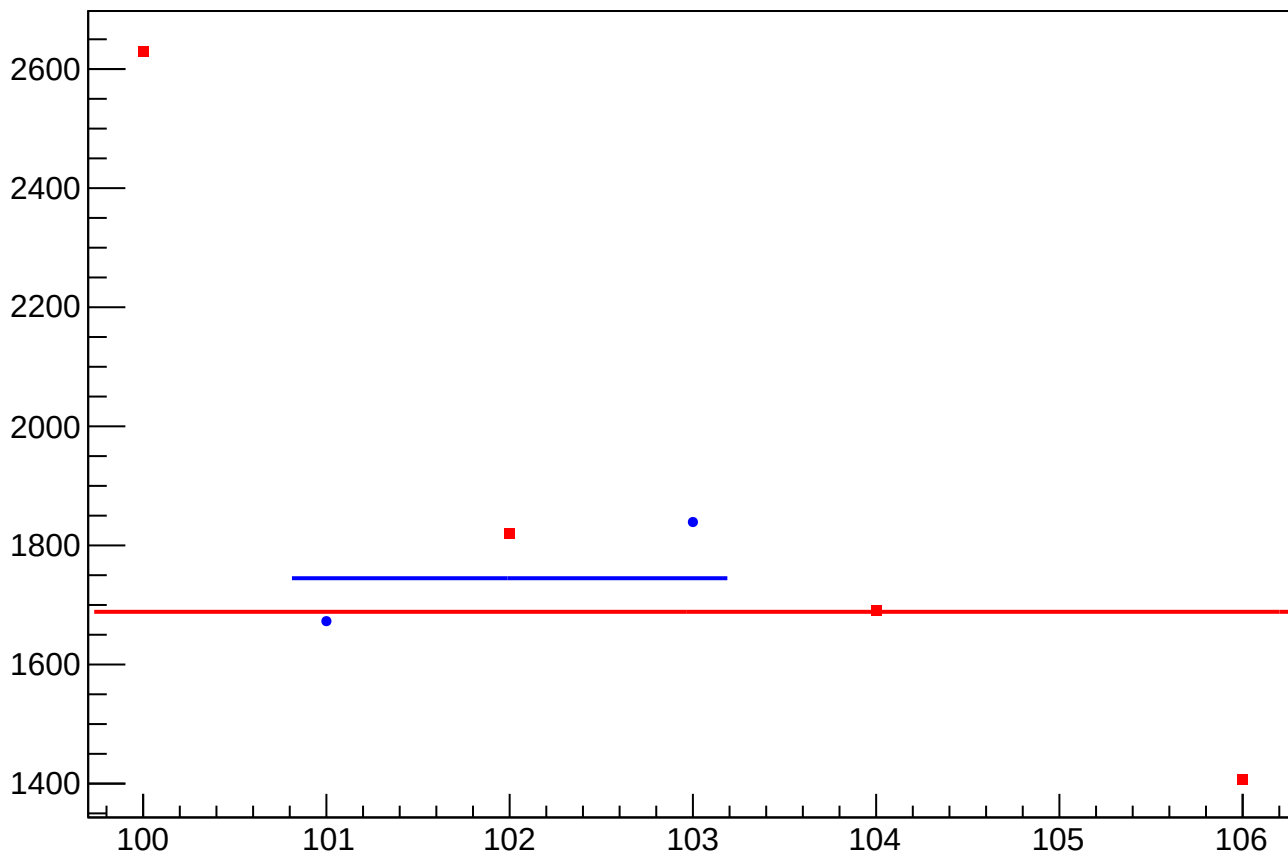
Right: 194.056+/-1040.148 χ^2 /NDF: 10.6/5

In: -1758.628+/-1559.153 χ^2 /NDF:3.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 194.056+/-1040.148 χ^2 /NDF: 10.6/5

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1688.505+/-0.987 χ^2/NDF : 45767.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

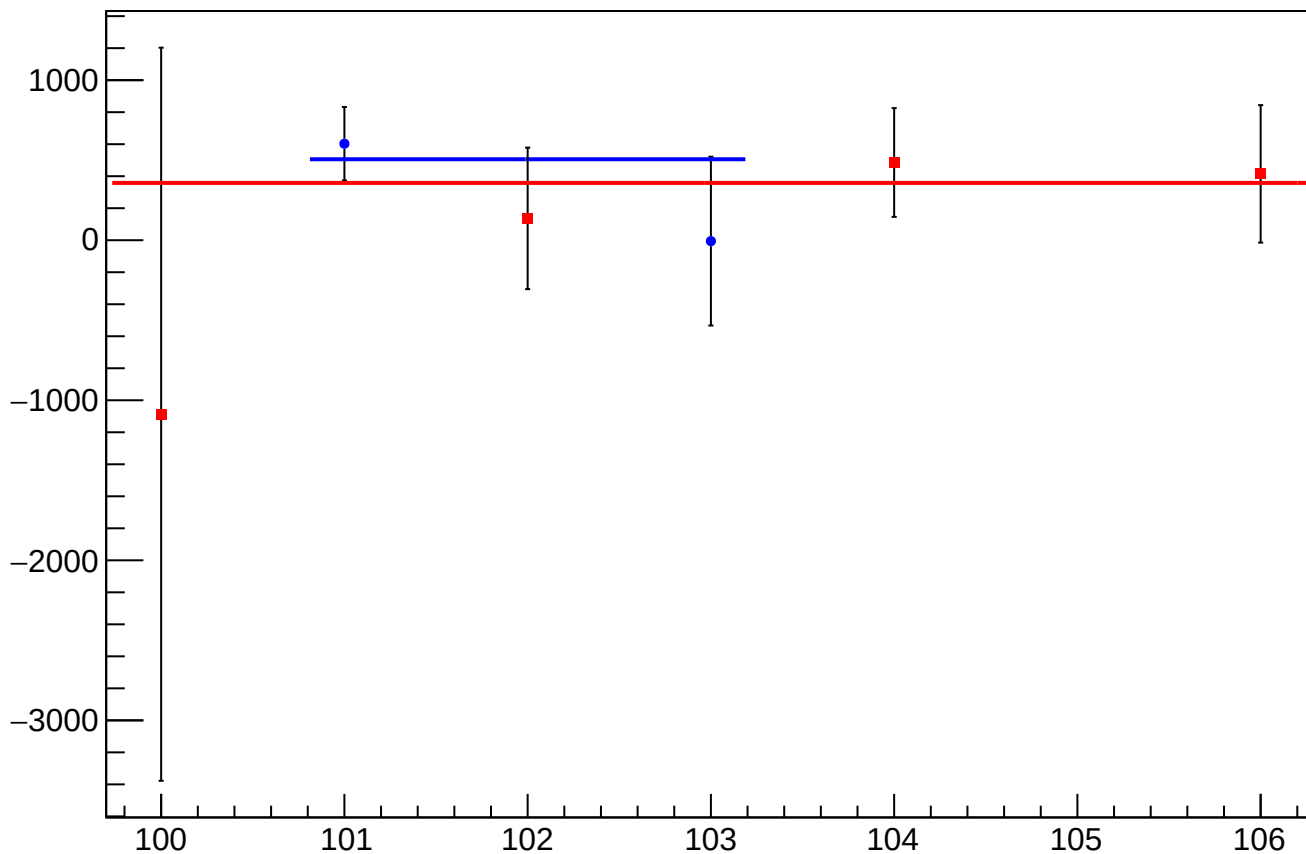
Right: 1713.608+/-0.735 χ^2/NDF : 52816.7/5

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.608+/-0.735 χ^2/NDF : 52816.7/5

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 505.908 $\pm$ 210.587 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 358.182 $\pm$ 227.095 χ^2 /NDF: 0.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

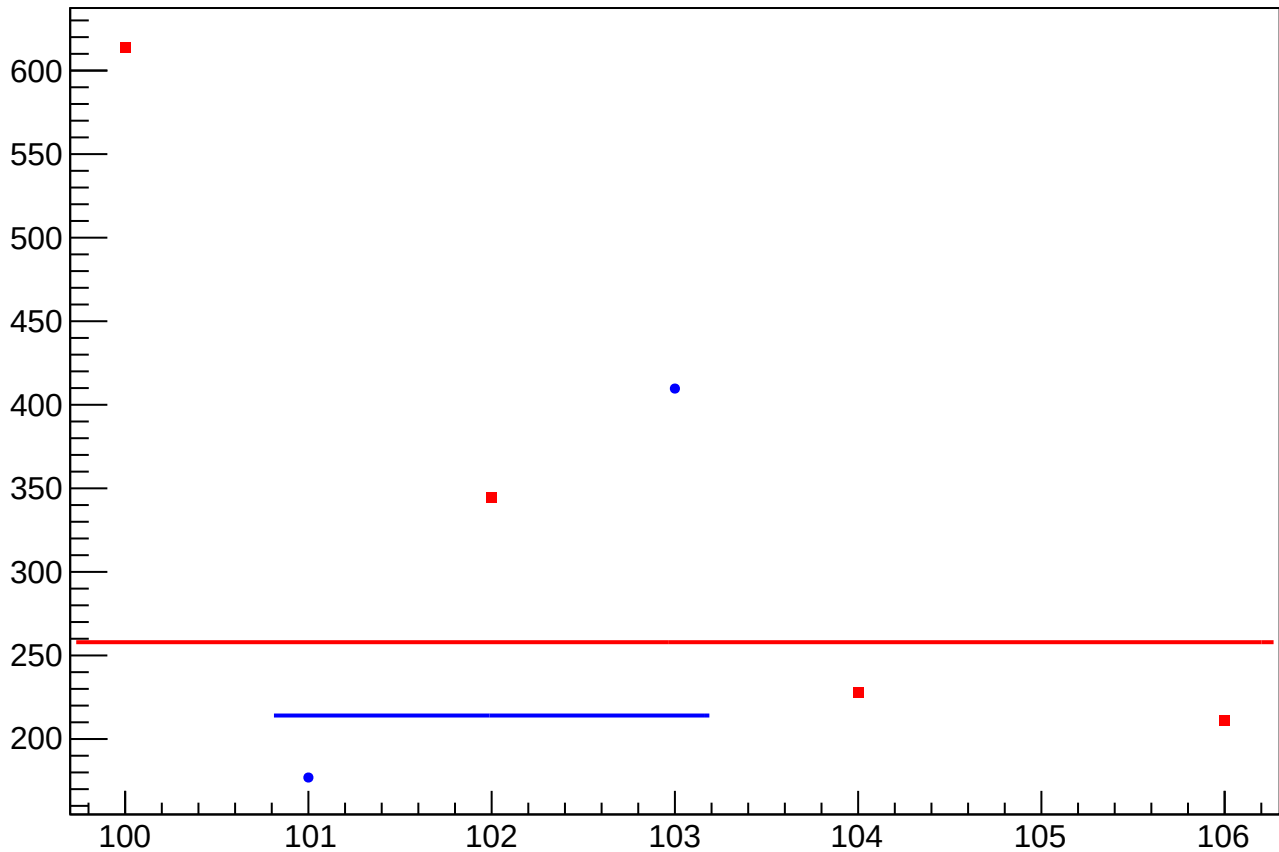
Right: 437.609 $\pm$ 154.414 χ^2 /NDF: 2.2/5

In: 505.908 $\pm$ 210.587 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 437.609 $\pm$ 154.414 χ^2 /NDF: 2.2/5

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 214.058+/-0.149 χ^2/NDF : 327392.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.934+/-0.161 χ^2/NDF : 163964.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

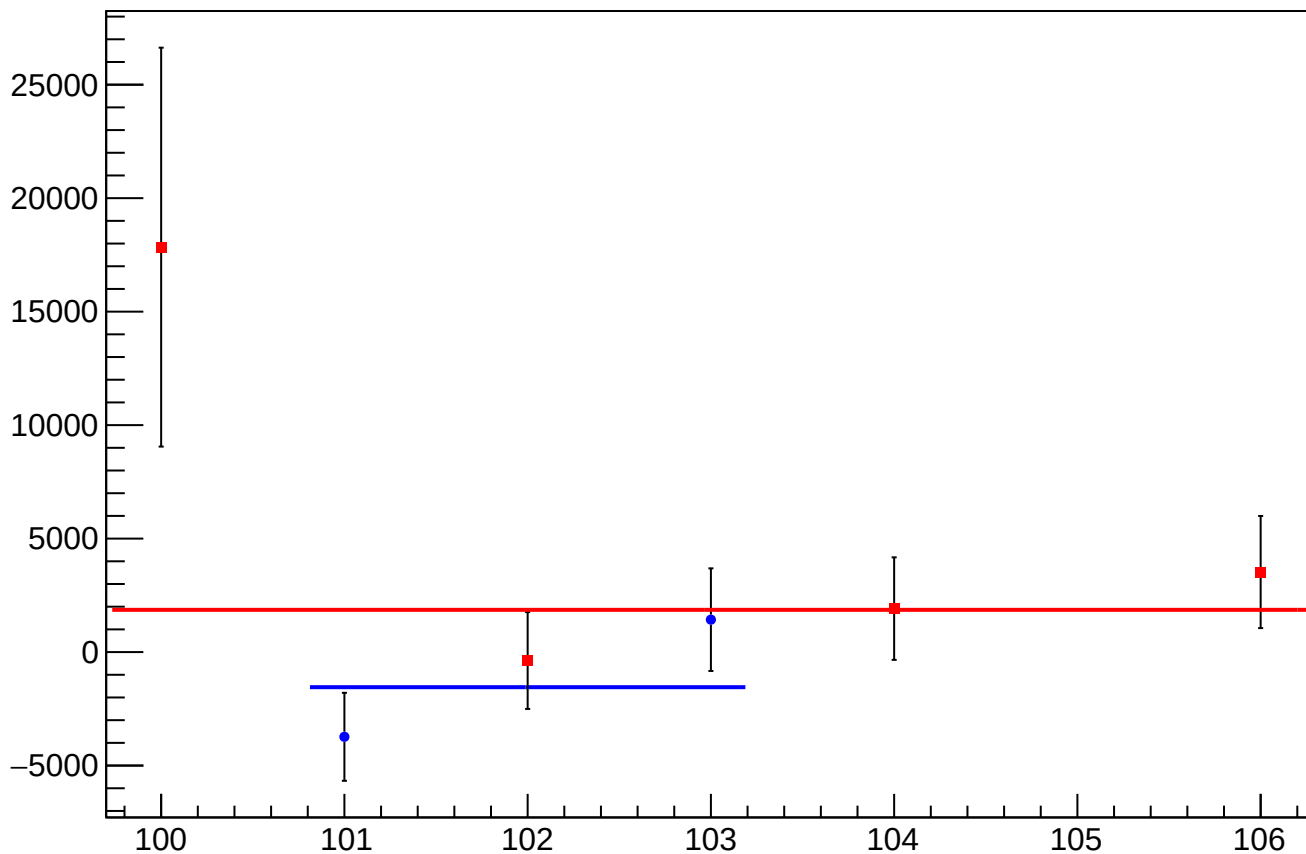
Right: 234.344+/-0.109 χ^2/NDF : 531497.1/5

In: 214.058+/-0.149 χ^2/NDF : 327392.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.344+/-0.109 χ^2/NDF : 531497.1/5

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.702 $\pm$ 1471.504 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1861.328 $\pm$ 1299.000 χ^2 /NDF: 4.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

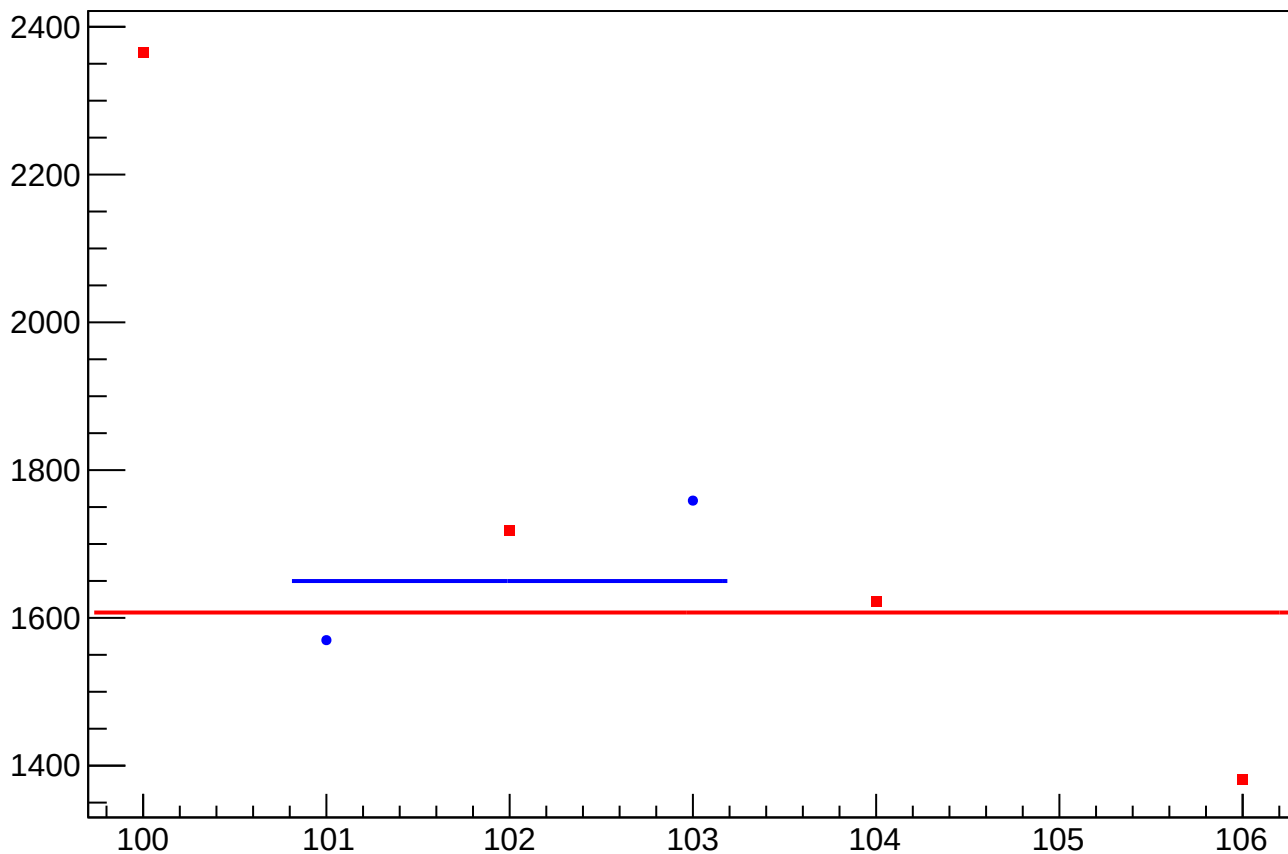
Right: 368.693 $\pm$ 973.838 χ^2 /NDF: 10.9/5

In: -1546.702 $\pm$ 1471.504 χ^2 /NDF: 3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 368.693 $\pm$ 973.838 χ^2 /NDF: 10.9/5

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.880+/-1.041 χ^2/NDF : 8041.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.274+/-0.919 χ^2/NDF : 37093.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

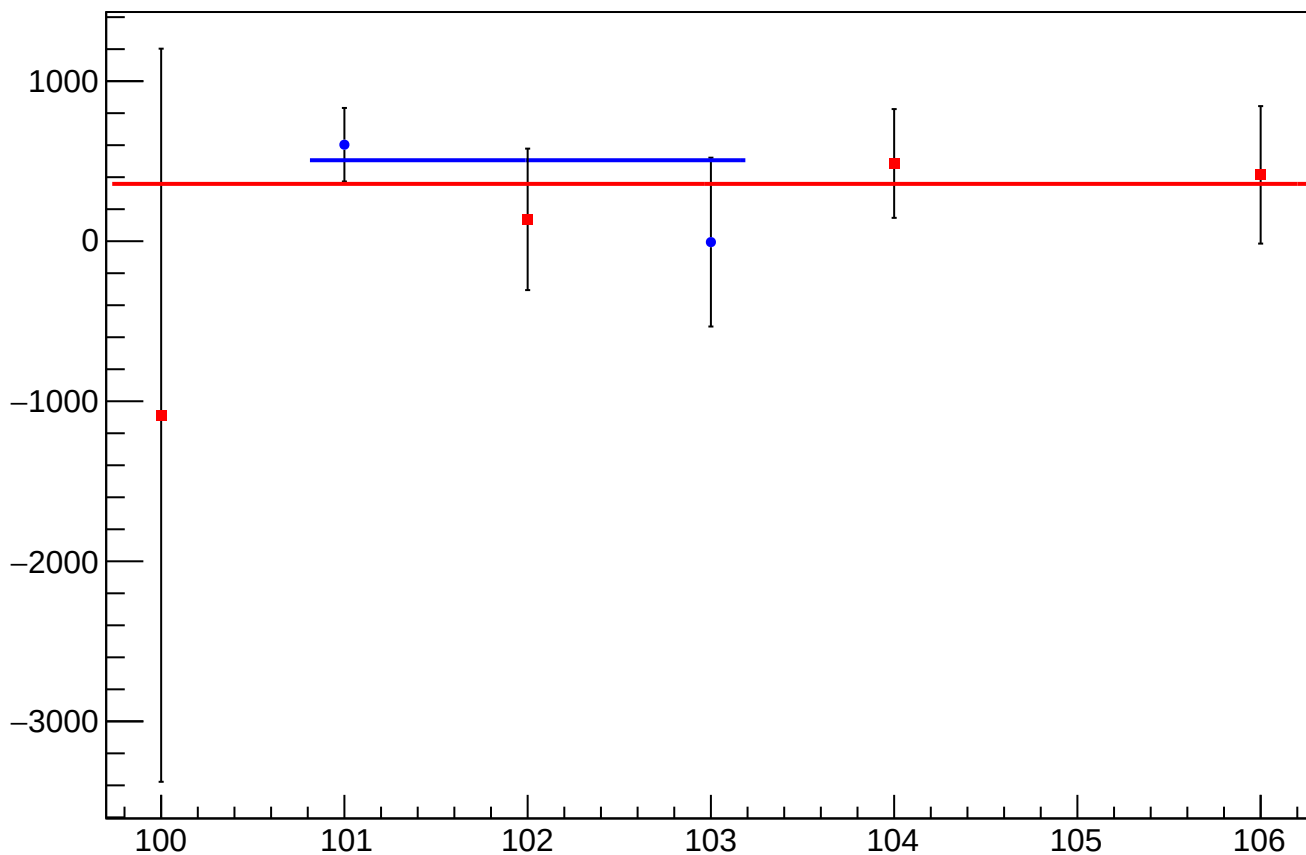
Right: 1625.934+/-0.689 χ^2/NDF : 46077.9/5

In: 1649.880+/-1.041 χ^2/NDF : 8041.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1625.934+/-0.689 χ^2/NDF : 46077.9/5

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 505.918 $\pm$ 210.589 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 358.185 $\pm$ 227.097 χ^2 /NDF: 0.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

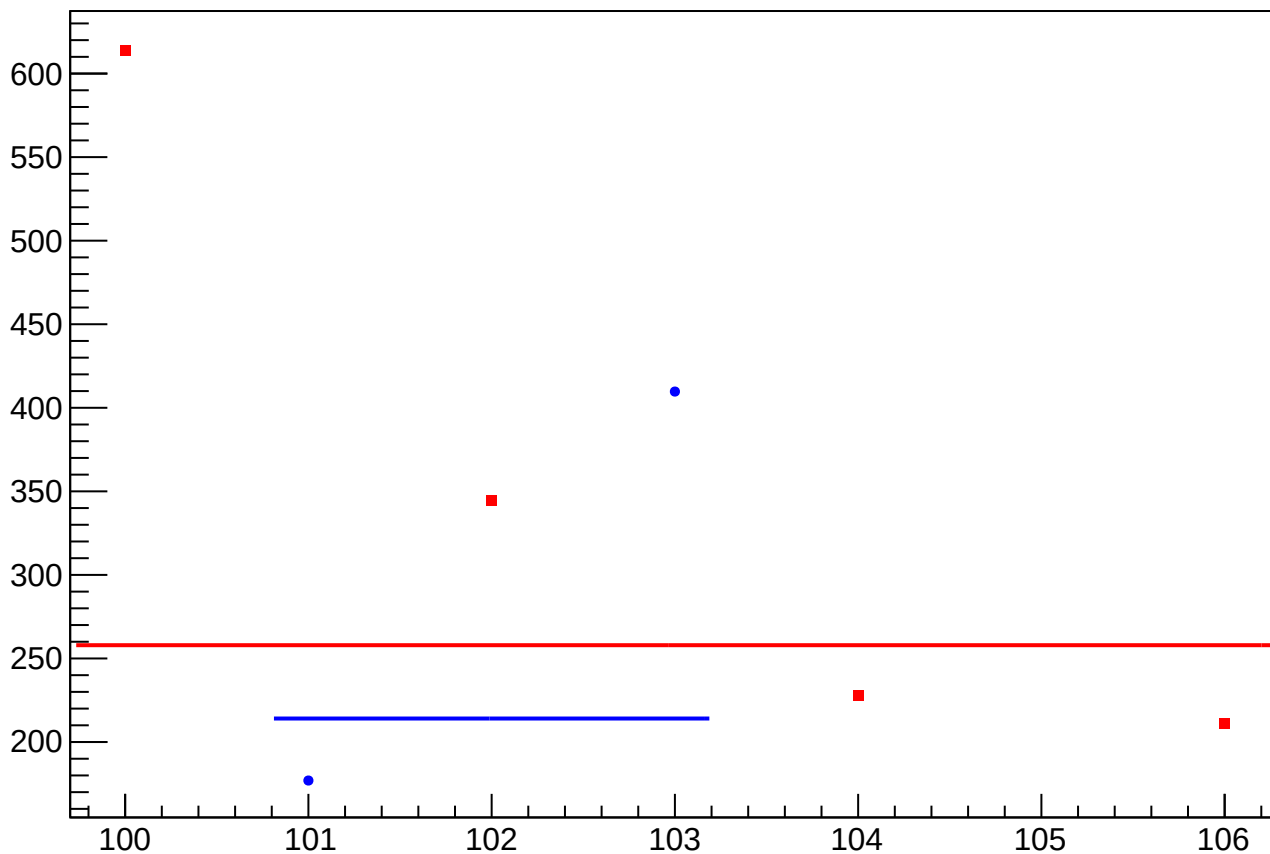
Right: 437.615 $\pm$ 154.416 χ^2 /NDF: 2.2/5

In: 505.918 $\pm$ 210.589 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 437.615 $\pm$ 154.416 χ^2 /NDF: 2.2/5

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 214.061+/-0.149 χ^2/NDF : 327386.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 257.937+/-0.161 χ^2/NDF : 163963.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

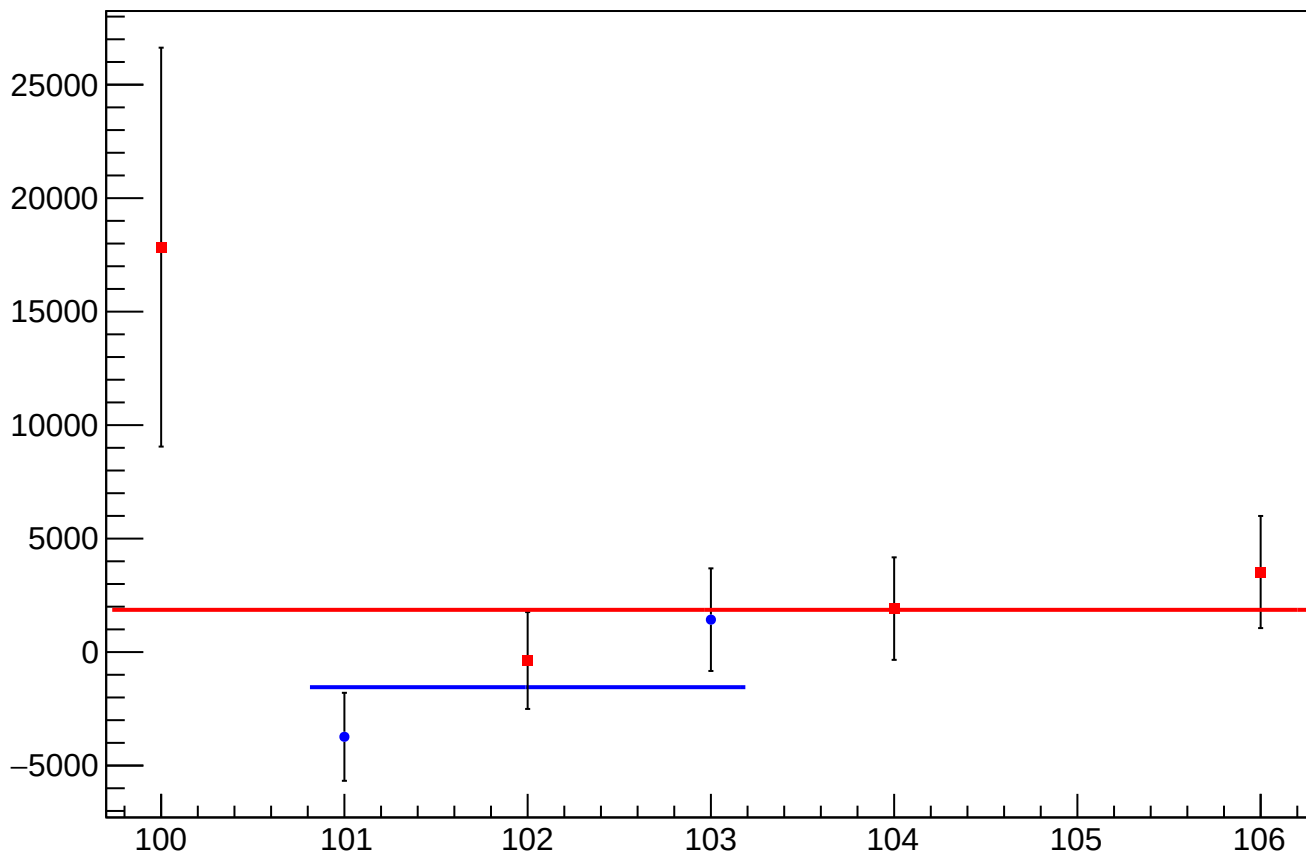
Right: 234.347+/-0.109 χ^2/NDF : 531489.4/5

In: 214.061+/-0.149 χ^2/NDF : 327386.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.347+/-0.109 χ^2/NDF : 531489.4/5

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.695+/-1471.498 χ^2 /NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1861.321+/-1298.995 χ^2 /NDF: 4.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

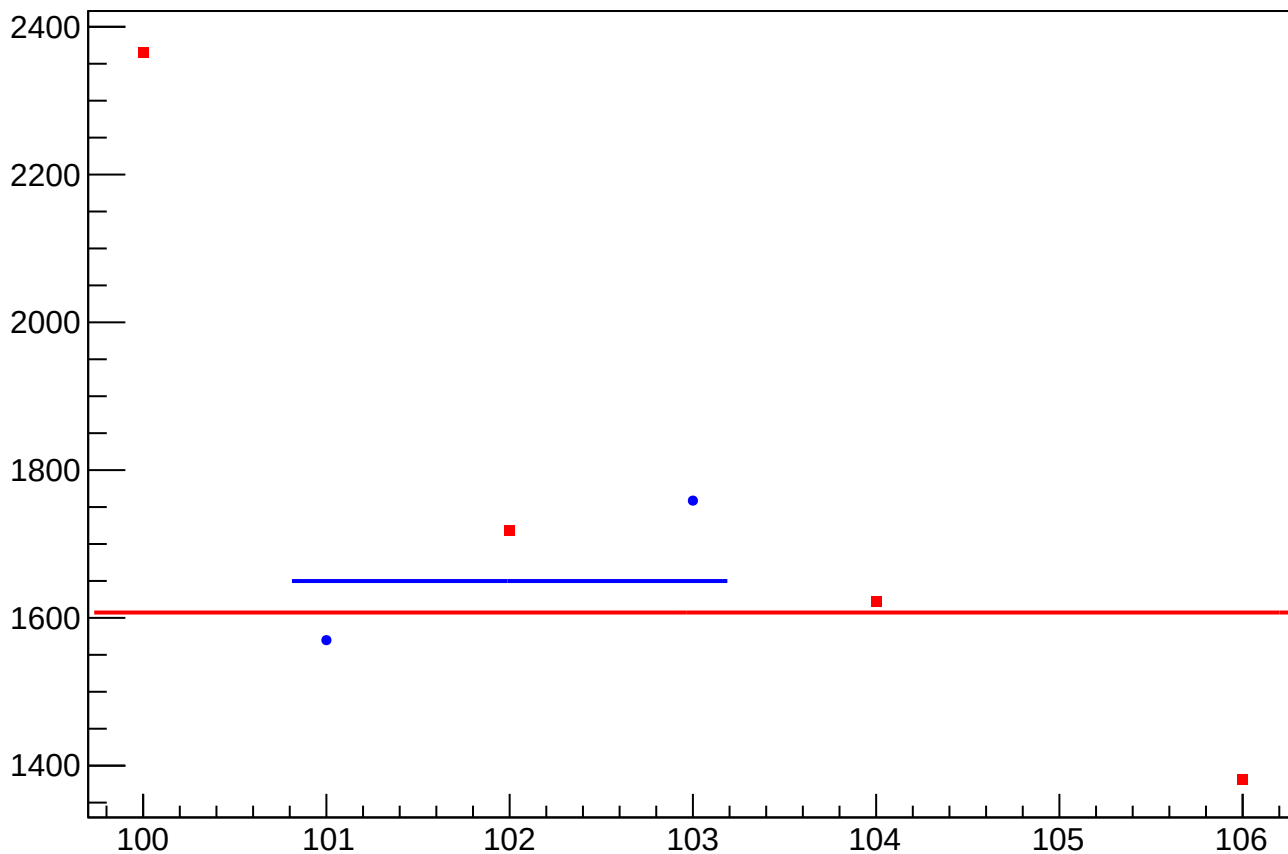
Right: 368.690+/-973.834 χ^2 /NDF: 10.9/5

In: -1546.695+/-1471.498 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 368.690+/-973.834 χ^2 /NDF: 10.9/5

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.872 $\pm$ 1.041 χ^2 /NDF: 8041.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1607.268 $\pm$ 0.919 χ^2 /NDF: 37093.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

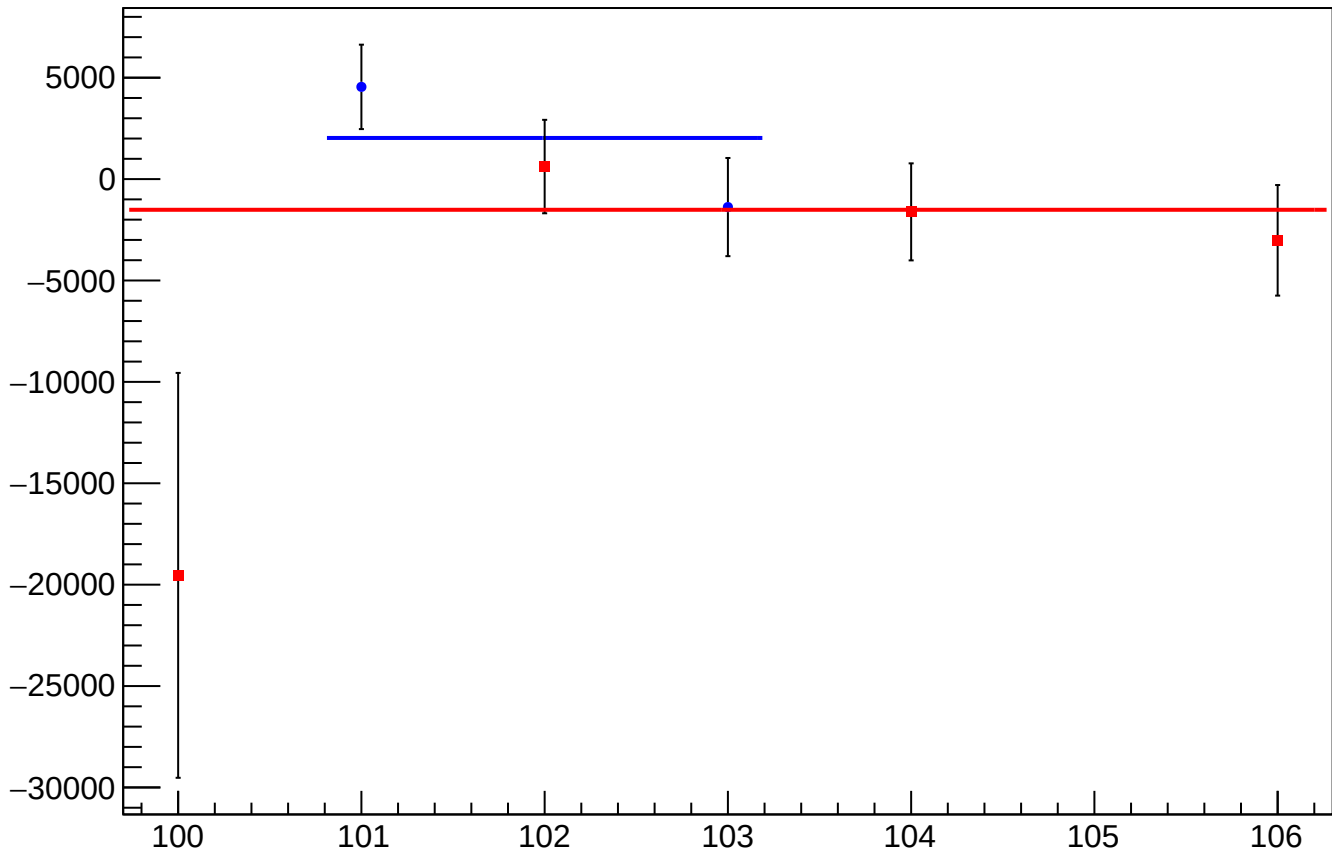
Right: 1625.928 $\pm$ 0.689 χ^2 /NDF: 46077.1/5

In: 1649.872 $\pm$ 1.041 χ^2 /NDF:8041.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1625.928 $\pm$ 0.689 χ^2 /NDF: 46077.1/5

asym_sam3_mean vs Slug, Sign Corrected



Right In: 2028.507+/-1578.230 χ^2/NDF : 3.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1513.337+/-1403.555 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

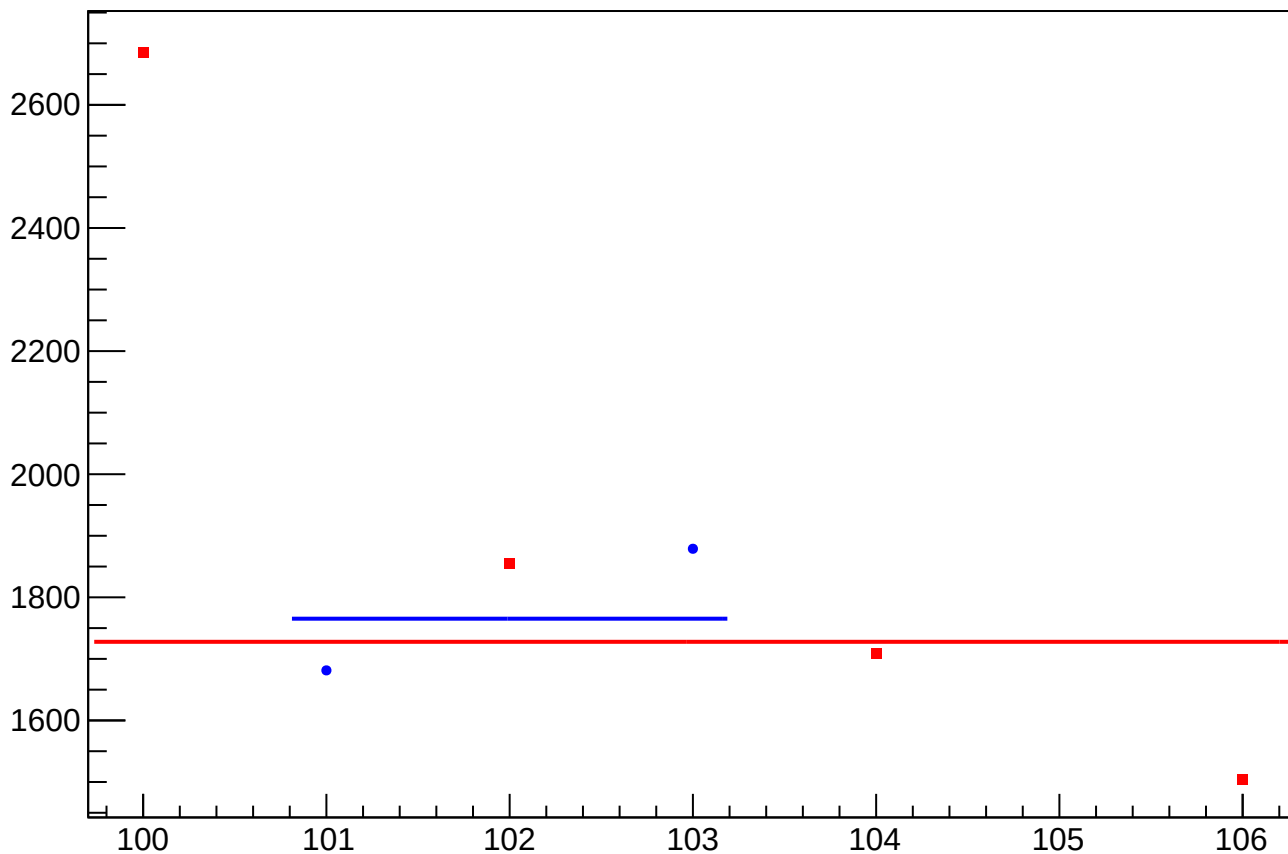
Right: 50.811+/-1048.804 χ^2/NDF : 10.7/5

In: 2028.507+/-1578.230 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.811+/-1048.804 χ^2/NDF : 10.7/5

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1765.289+/-1.116 χ^2/NDF : 7659.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1727.736+/-0.992 χ^2/NDF : 38099.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

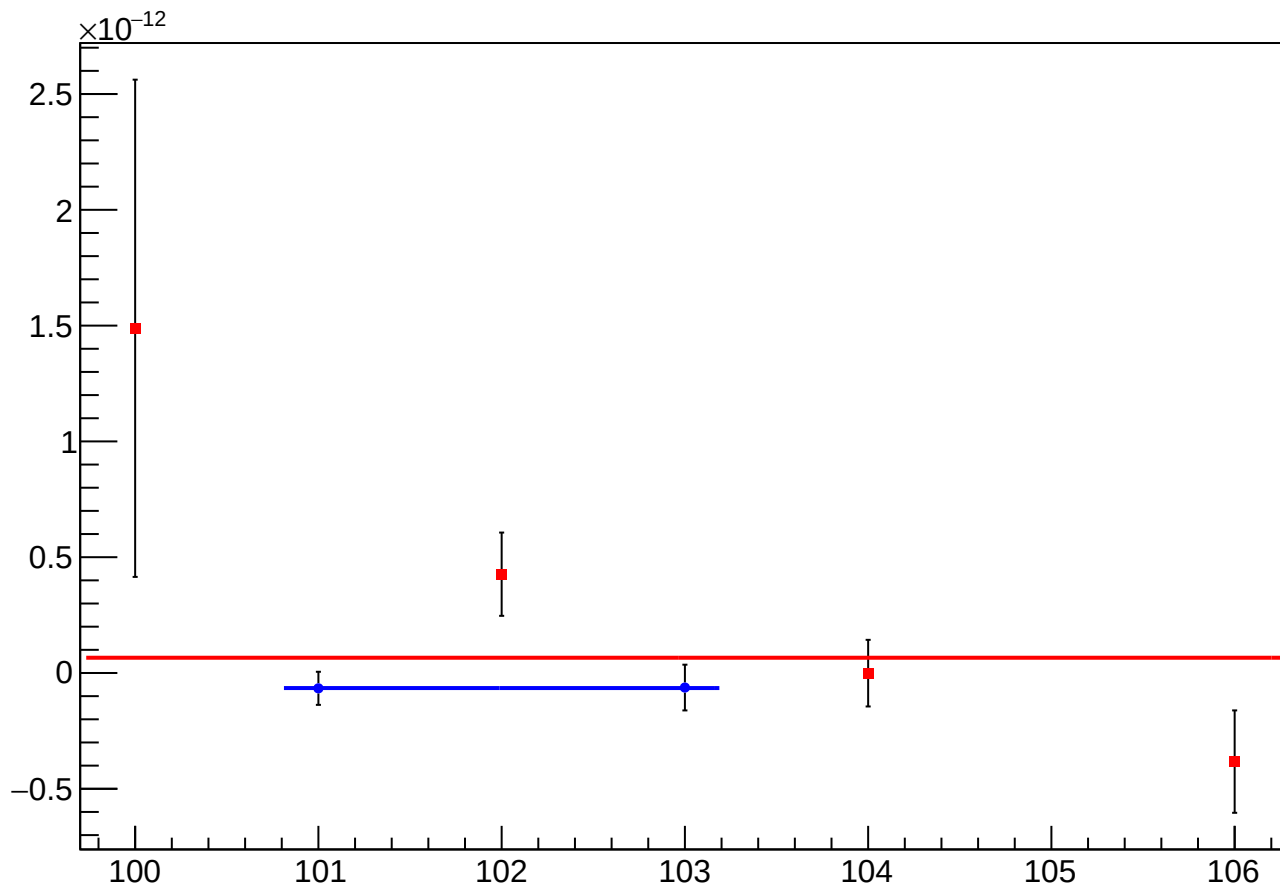
Right: 1744.320+/-0.742 χ^2/NDF : 46391.1/5

In: 1765.289+/-1.116 χ^2/NDF : 7659.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.320+/-0.742 χ^2/NDF : 46391.1/5

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

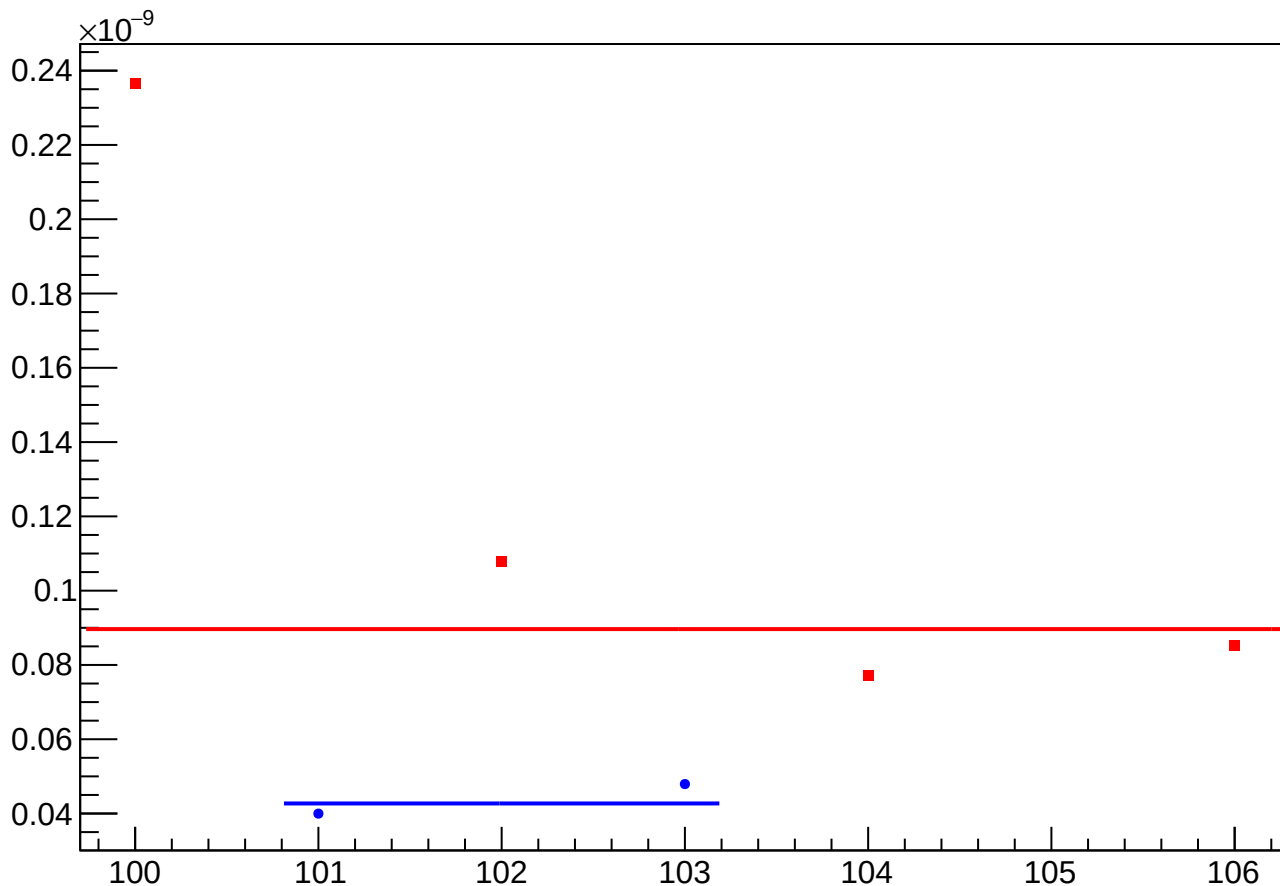
Right: -0.000+/-0.000 χ^2/NDF : 11.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/5

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8518.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73340.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

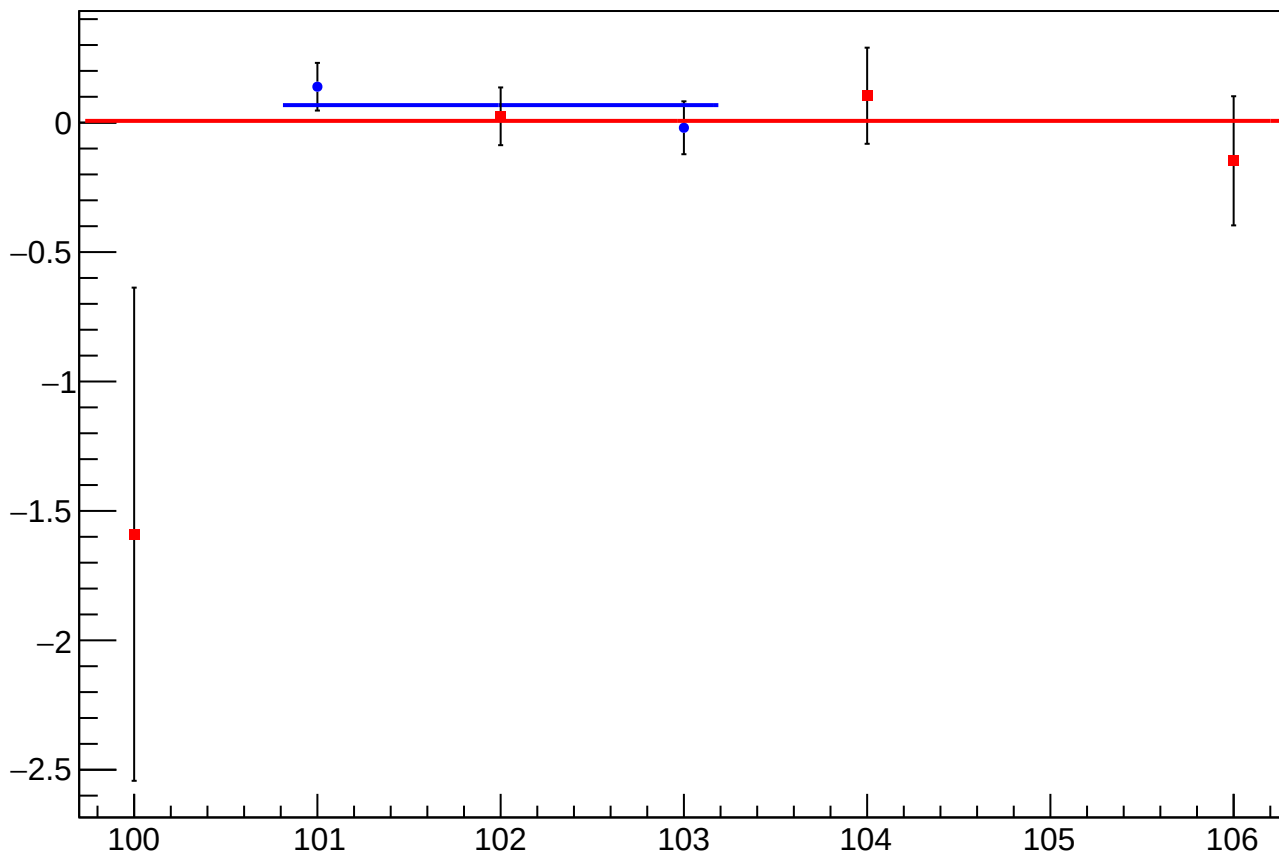
Right: 0.000+/-0.000 χ^2/NDF : 413445.9/5

In: 0.000+/-0.000 χ^2/NDF : 8518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 413445.9/5

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068+/-0.068 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.089 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

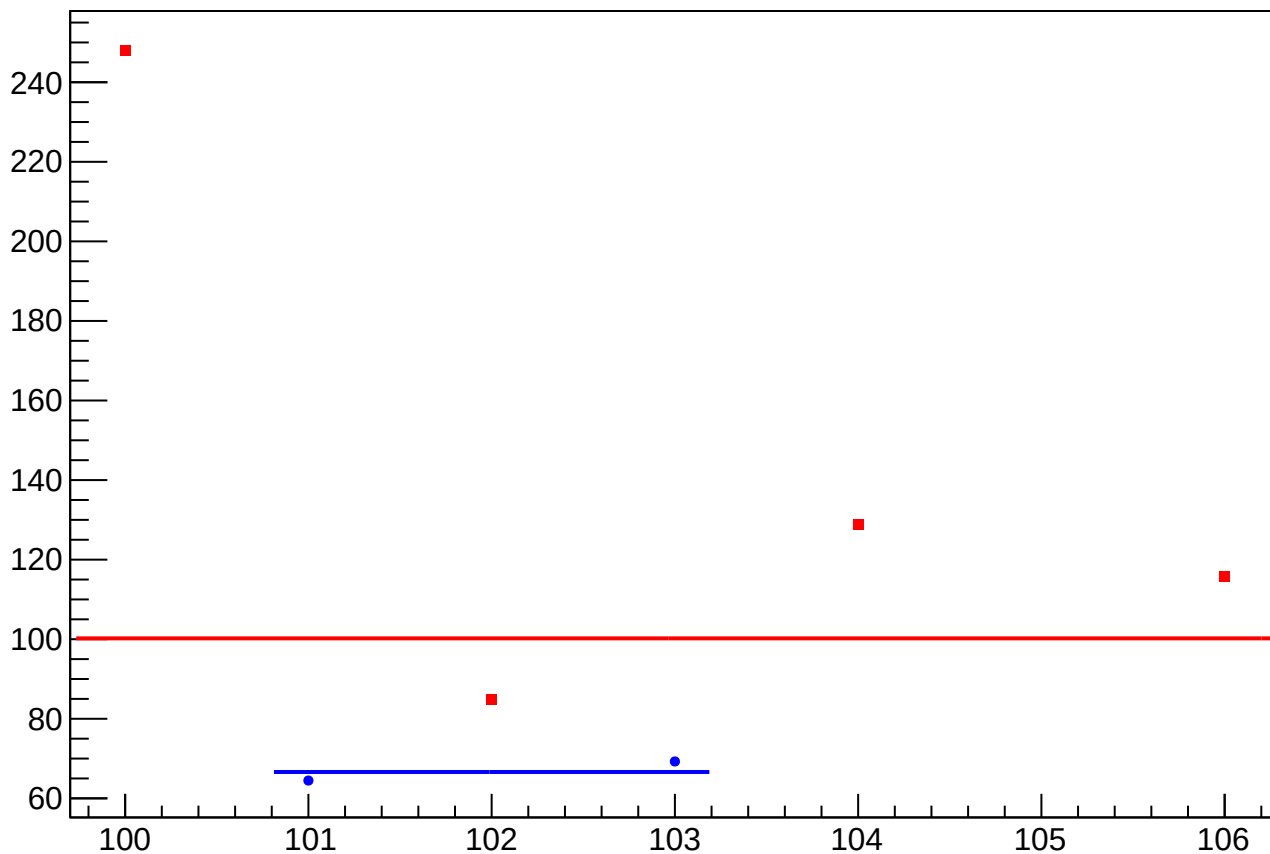
Right: 0.045+/-0.054 χ^2/NDF : 5.1/5

In: 0.068+/-0.068 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.054 χ^2/NDF : 5.1/5

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.626 ± 0.048 χ^2/NDF : 2430.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 100.215 ± 0.063 χ^2/NDF : 141681.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

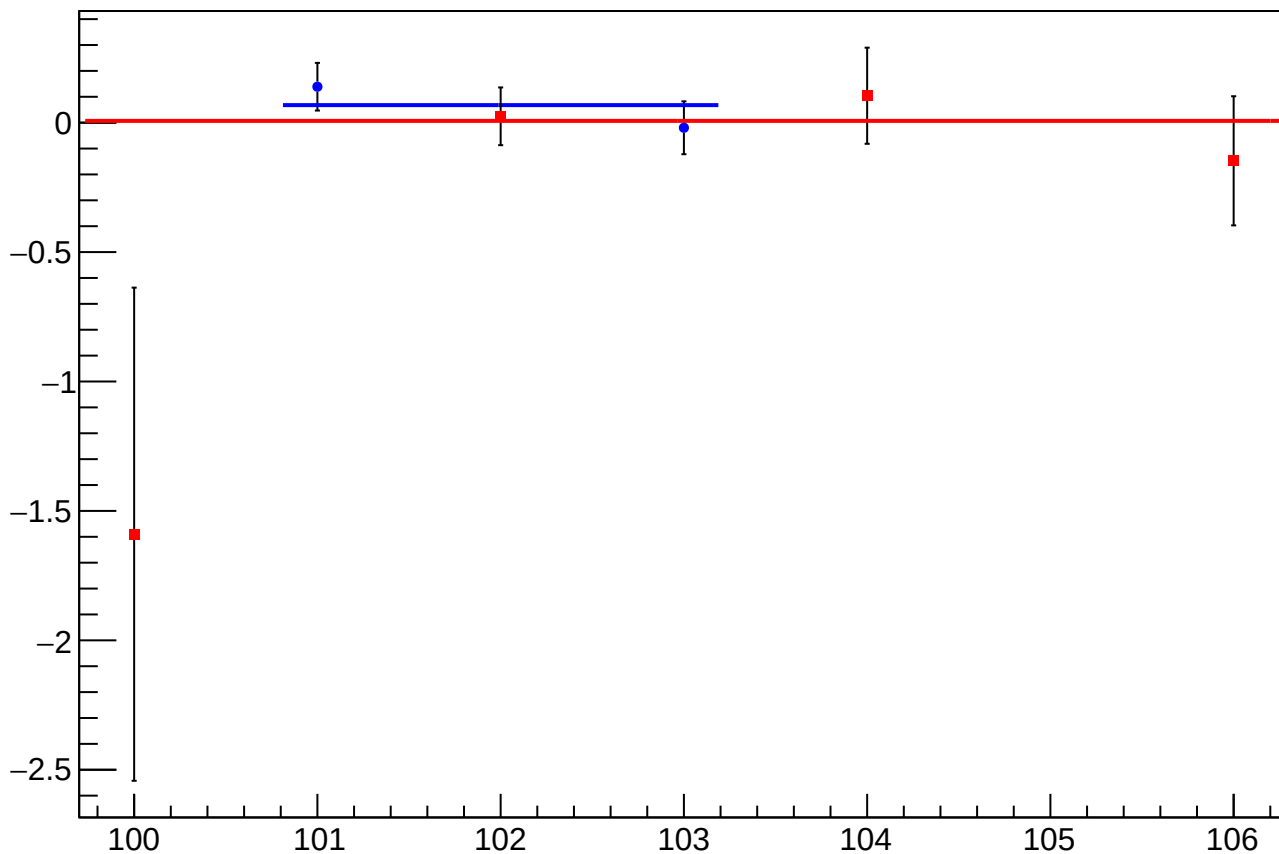
Right: 79.117 ± 0.038 χ^2/NDF : 323490.3/5

In: 66.626 ± 0.048 χ^2/NDF : 2430.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 79.117 ± 0.038 χ^2/NDF : 323490.3/5

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.089 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

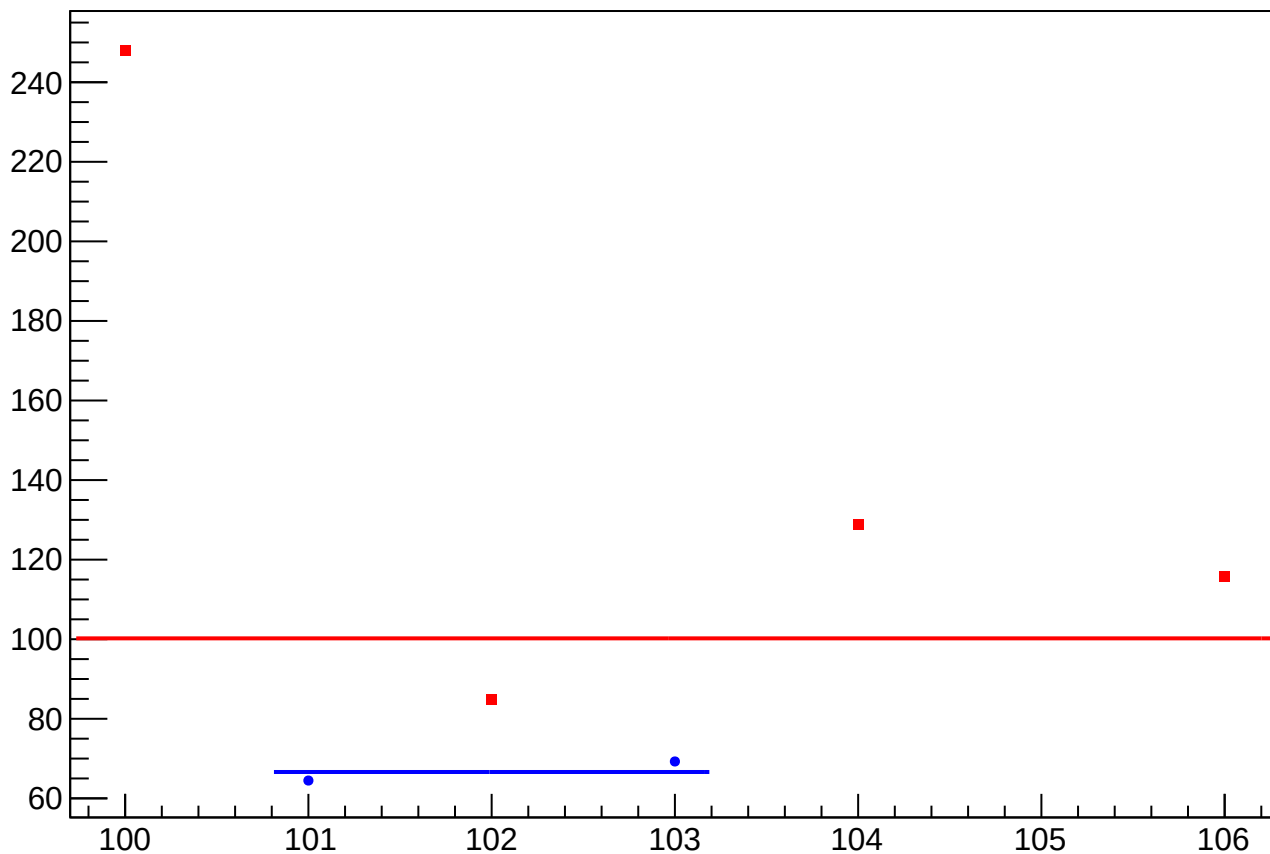
Right: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

In: 0.068 $\pm$ 0.068 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.626+/-0.048 χ^2/NDF : 2430.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.215+/-0.063 χ^2/NDF : 141681.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

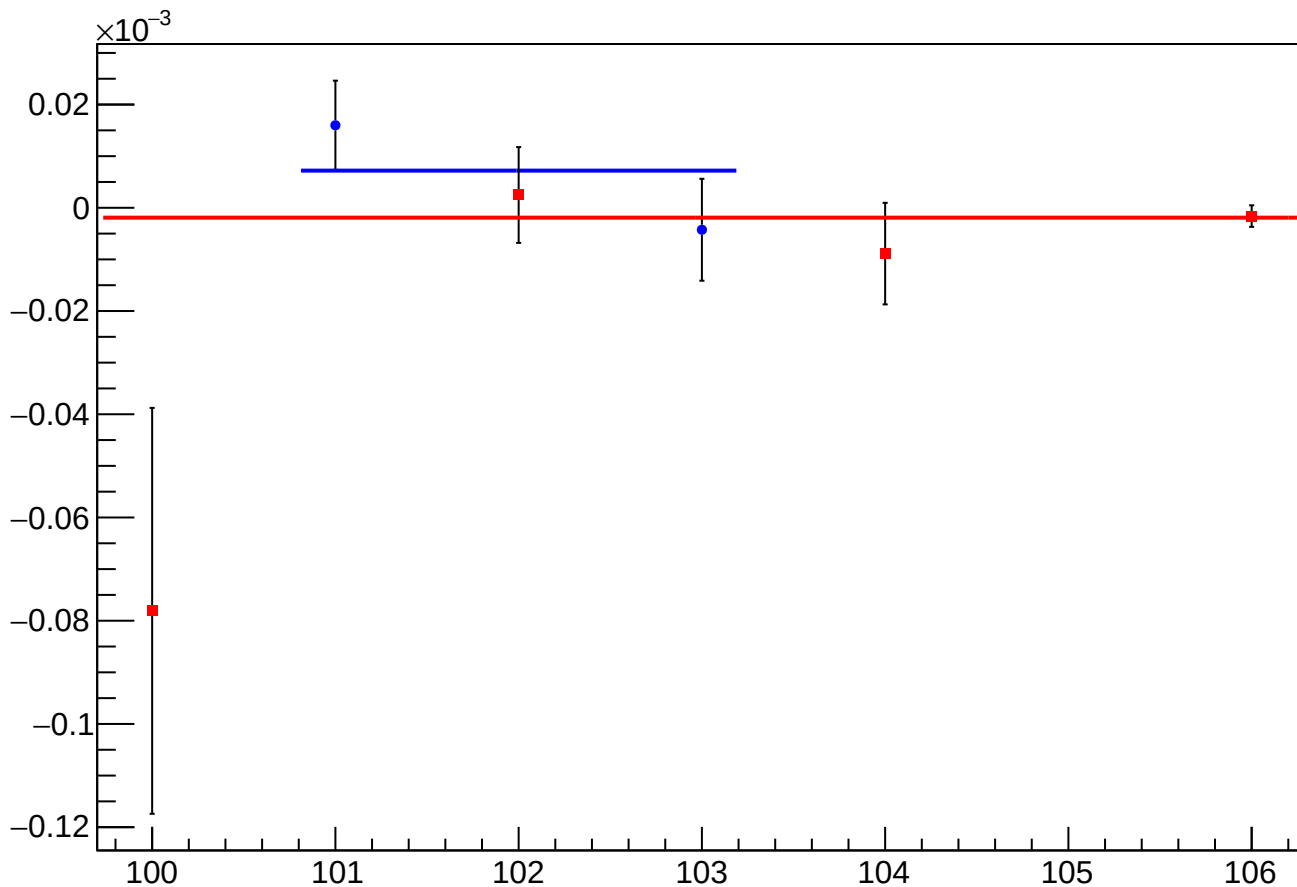
Right: 79.117+/-0.038 χ^2/NDF : 323490.3/5

In: 66.626+/-0.048 χ^2/NDF : 2430.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.117+/-0.038 χ^2/NDF : 323490.3/5

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

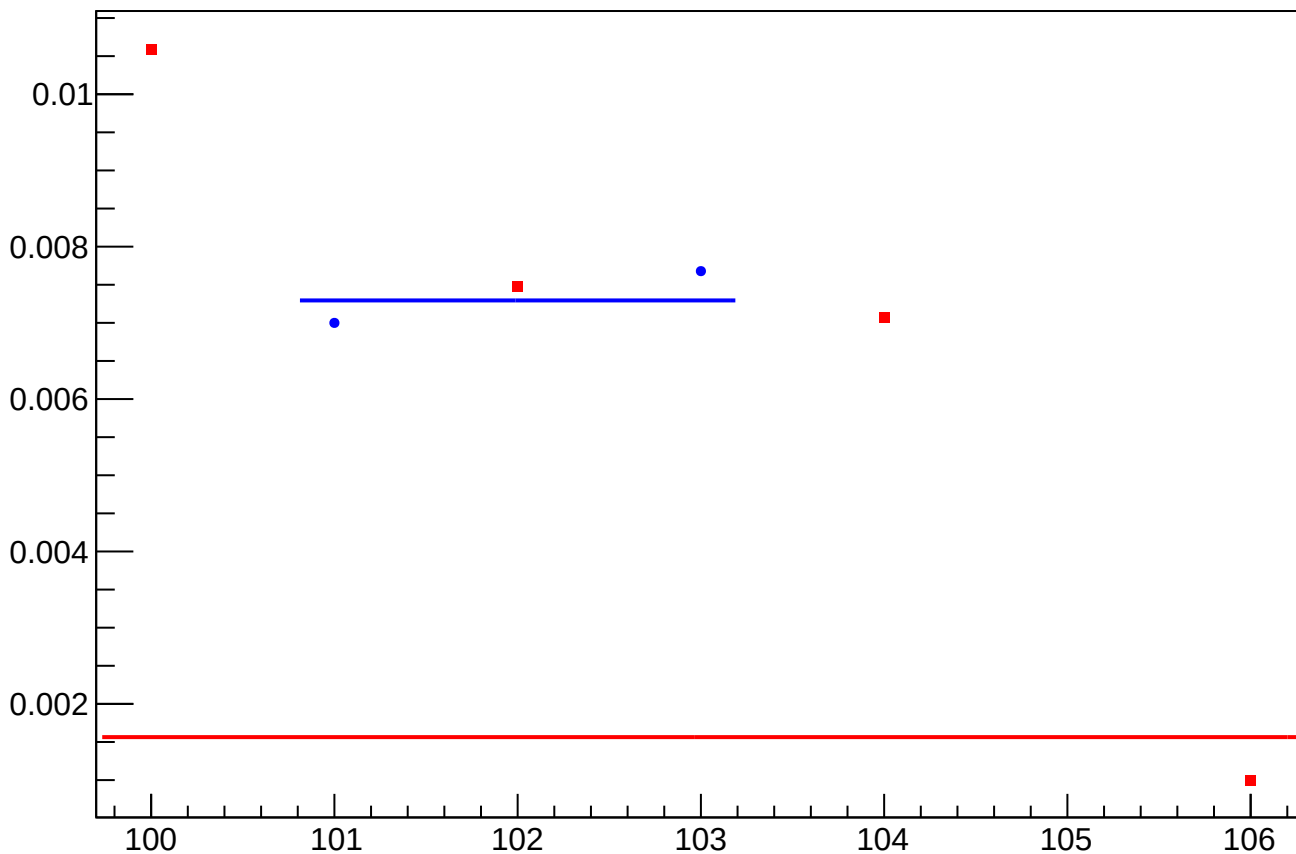
Right: -0.000+/-0.000 χ^2/NDF : 8.7/5

In: 0.000+/-0.000 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/5

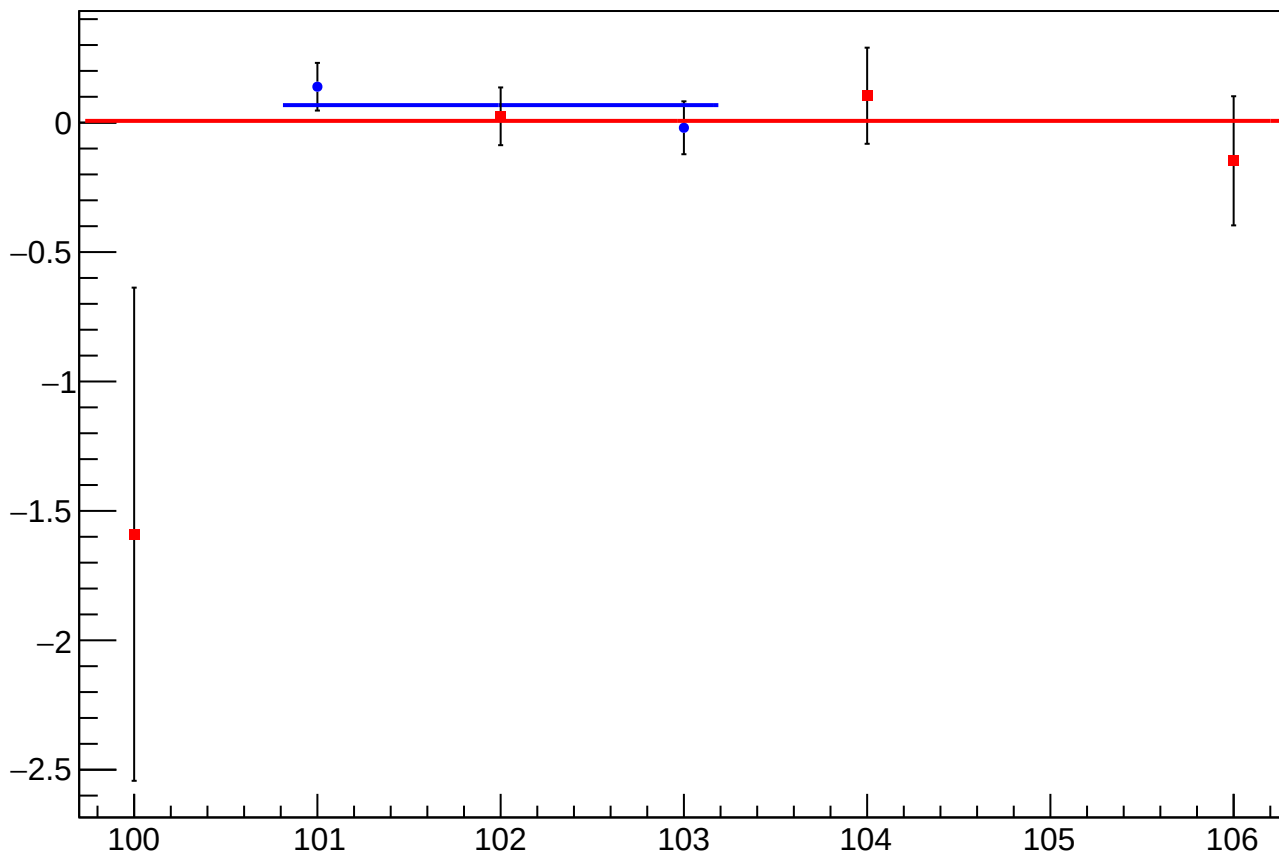
asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 5357.6/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 1691900.5/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 3117188.2/5
 In: 0.007+/-0.000 χ^2/NDF :5357.6/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 3117188.2/5

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.089 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

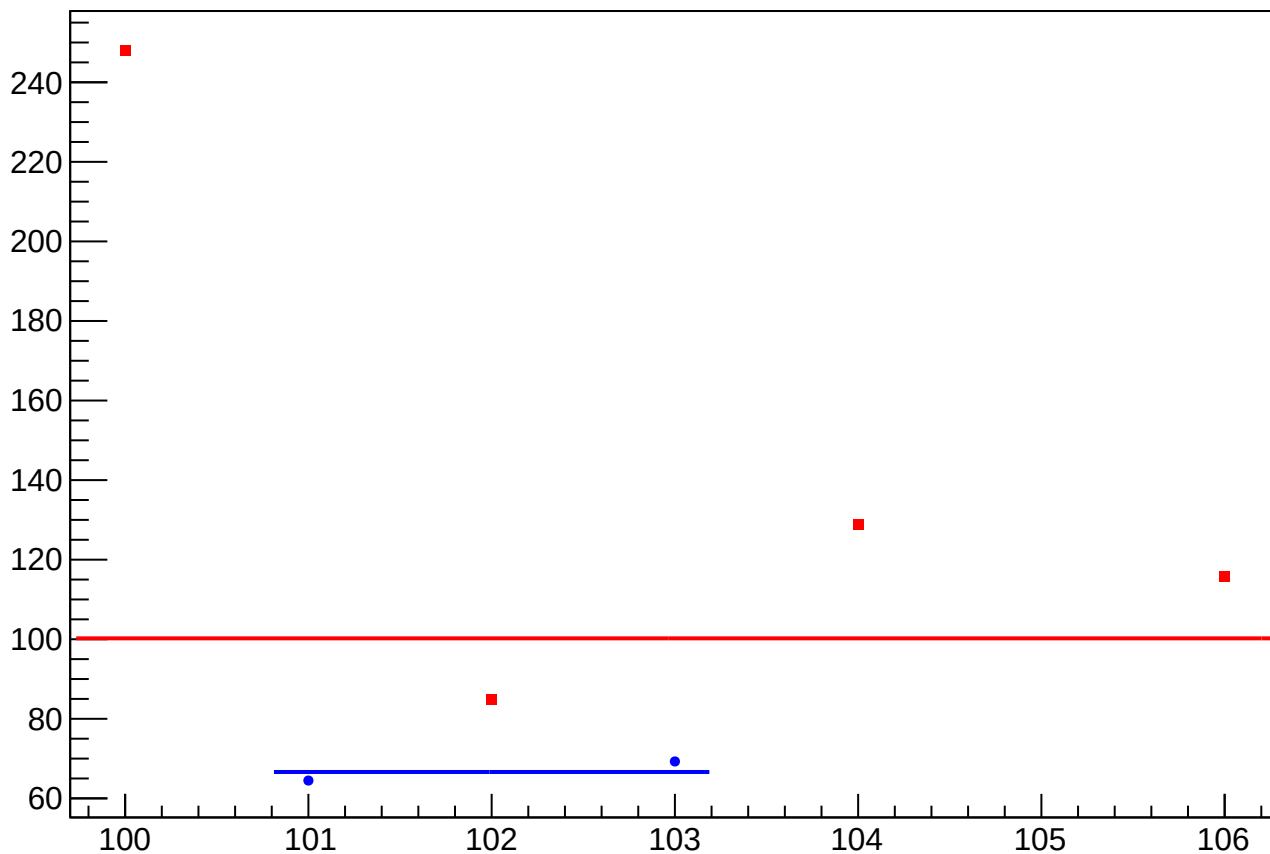
Right: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.632 $\pm$ 0.048 χ^2 /NDF: 2433.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.223 $\pm$ 0.063 χ^2 /NDF: 141654.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

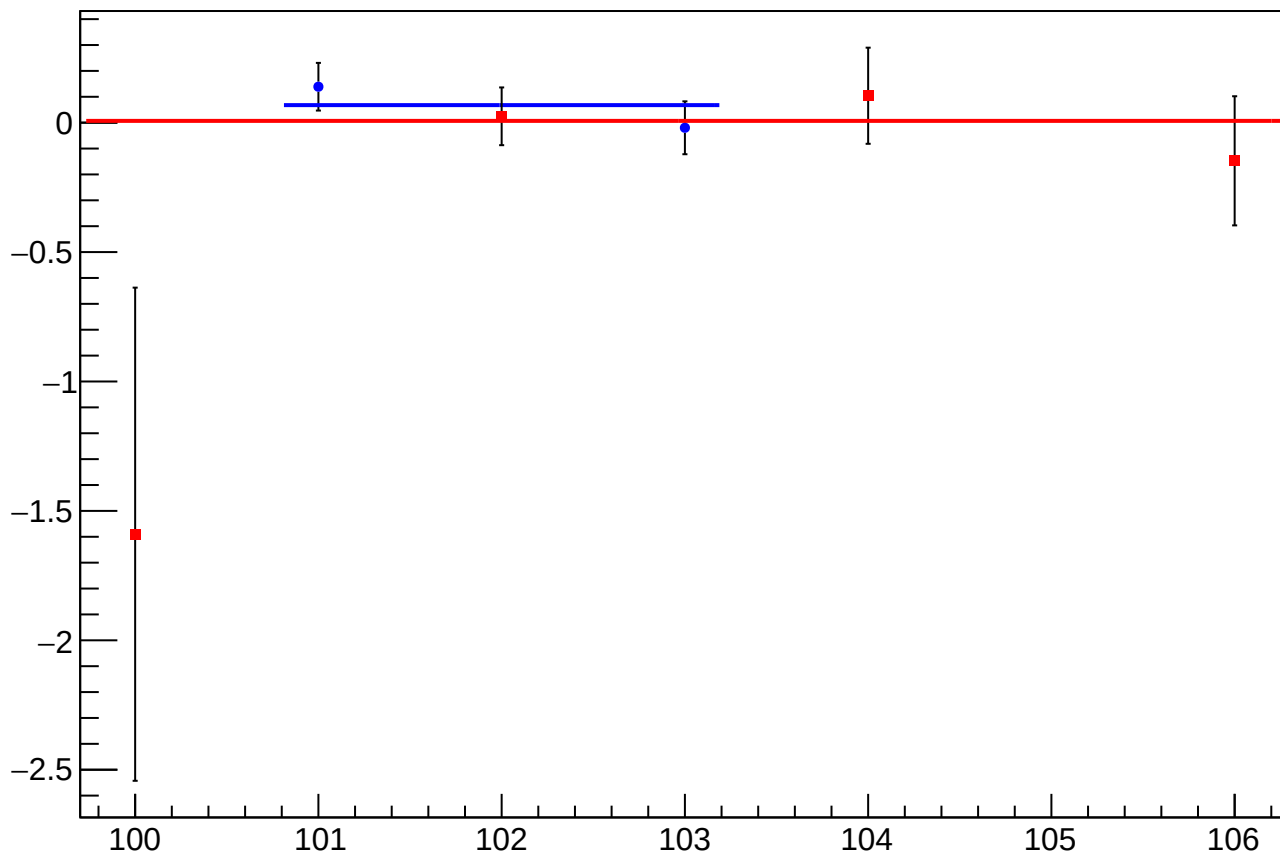
Right: 79.124 $\pm$ 0.038 χ^2 /NDF: 323462.5/5

In: 66.632 $\pm$ 0.048 χ^2 /NDF:2433.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.124 $\pm$ 0.038 χ^2 /NDF: 323462.5/5

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.068 $\pm$ 0.068 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.089 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

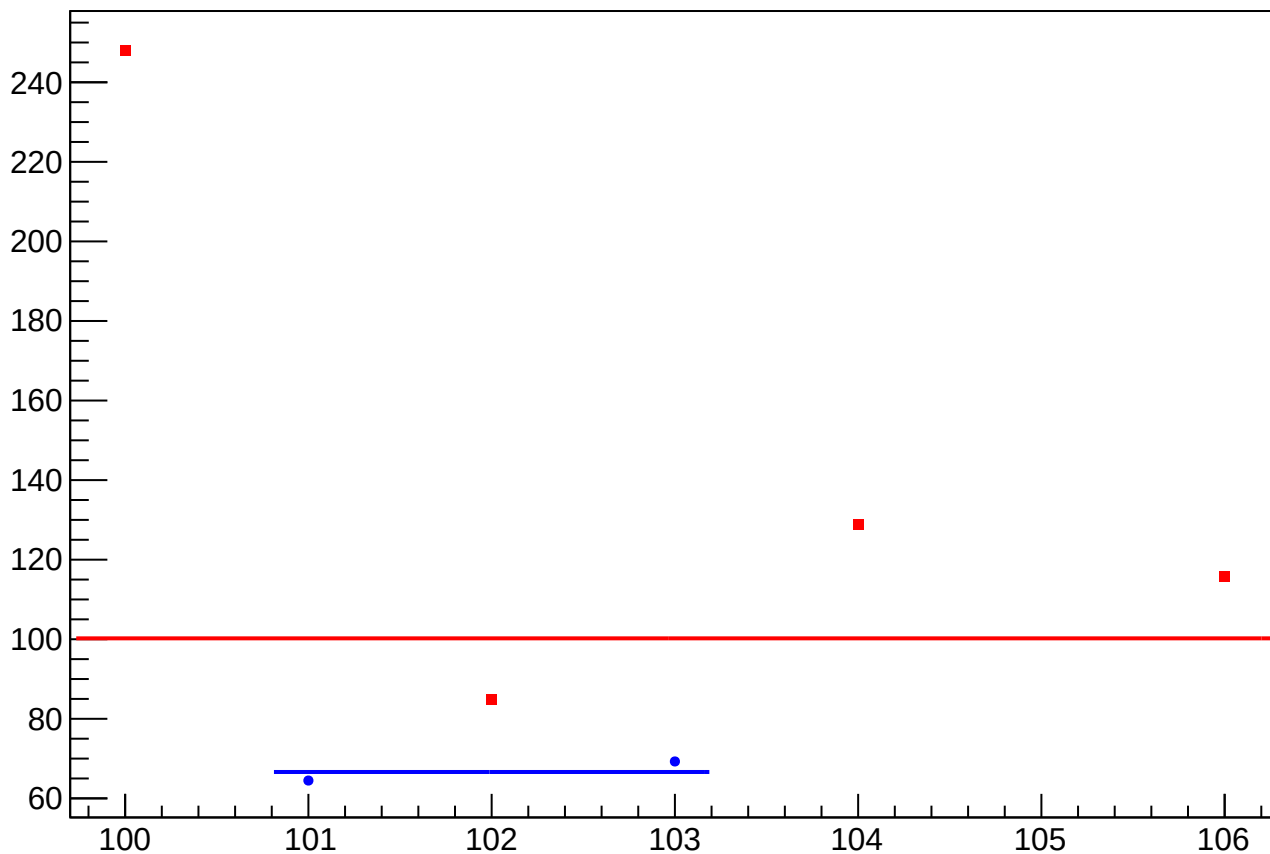
Right: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

In: 0.068 $\pm$ 0.068 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.054 χ^2 /NDF: 5.1/5

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.632 $\pm$ 0.048 χ^2 /NDF: 2433.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.223 $\pm$ 0.063 χ^2 /NDF: 141654.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

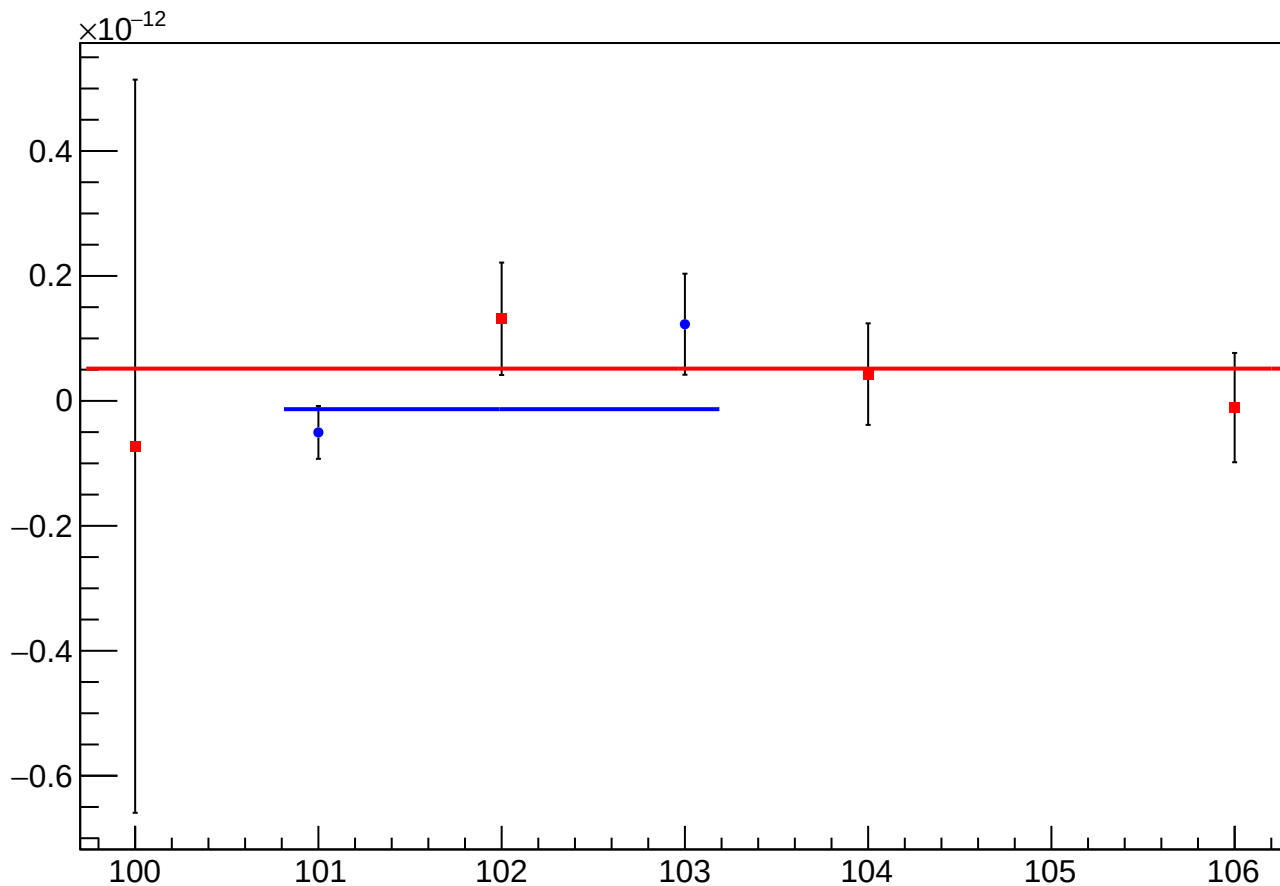
Right: 79.124 $\pm$ 0.038 χ^2 /NDF: 323462.5/5

In: 66.632 $\pm$ 0.048 χ^2 /NDF:2433.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.124 $\pm$ 0.038 χ^2 /NDF: 323462.5/5

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

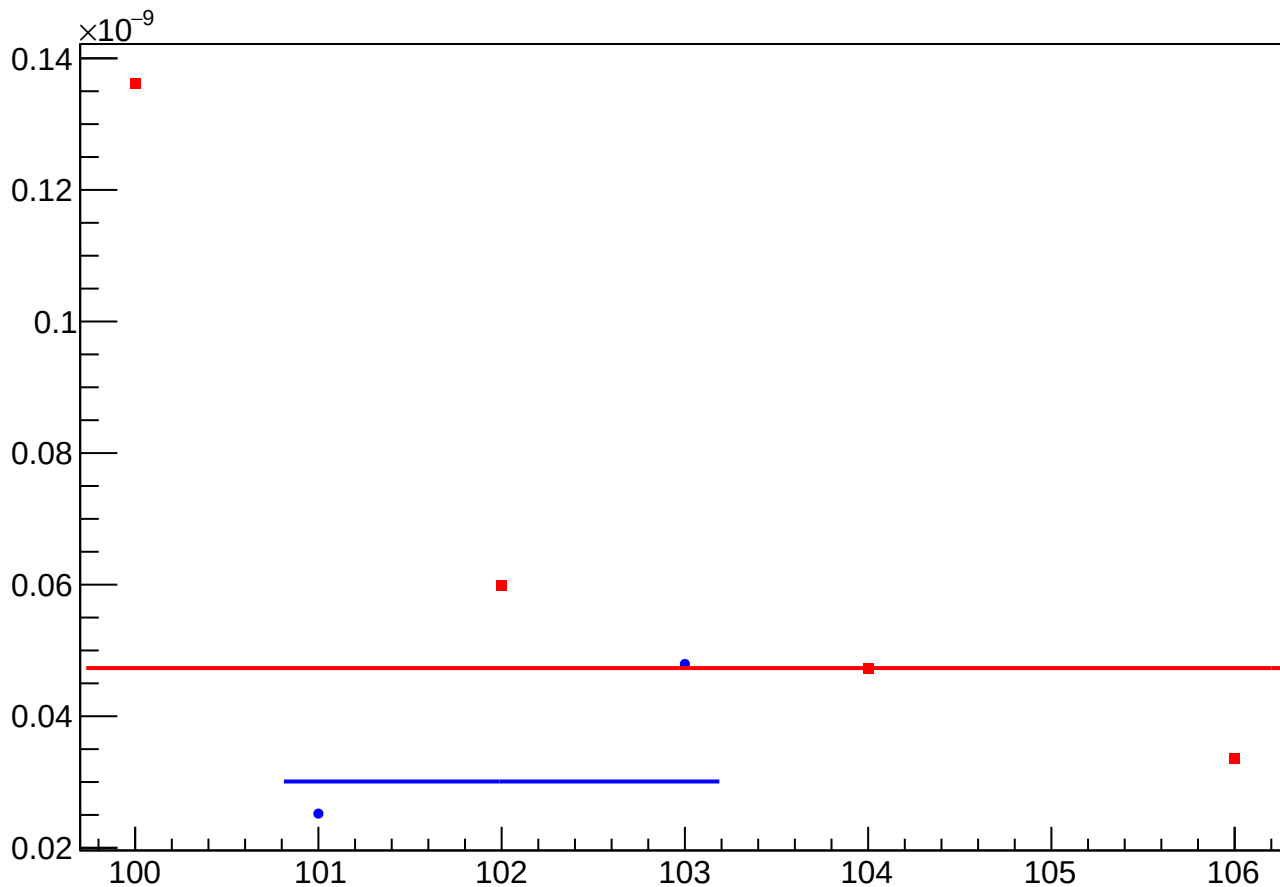
Right: 0.000+/-0.000 χ^2 /NDF: 6.0/5

In: -0.000+/-0.000 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 6.0/5

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 124138.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 134023.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

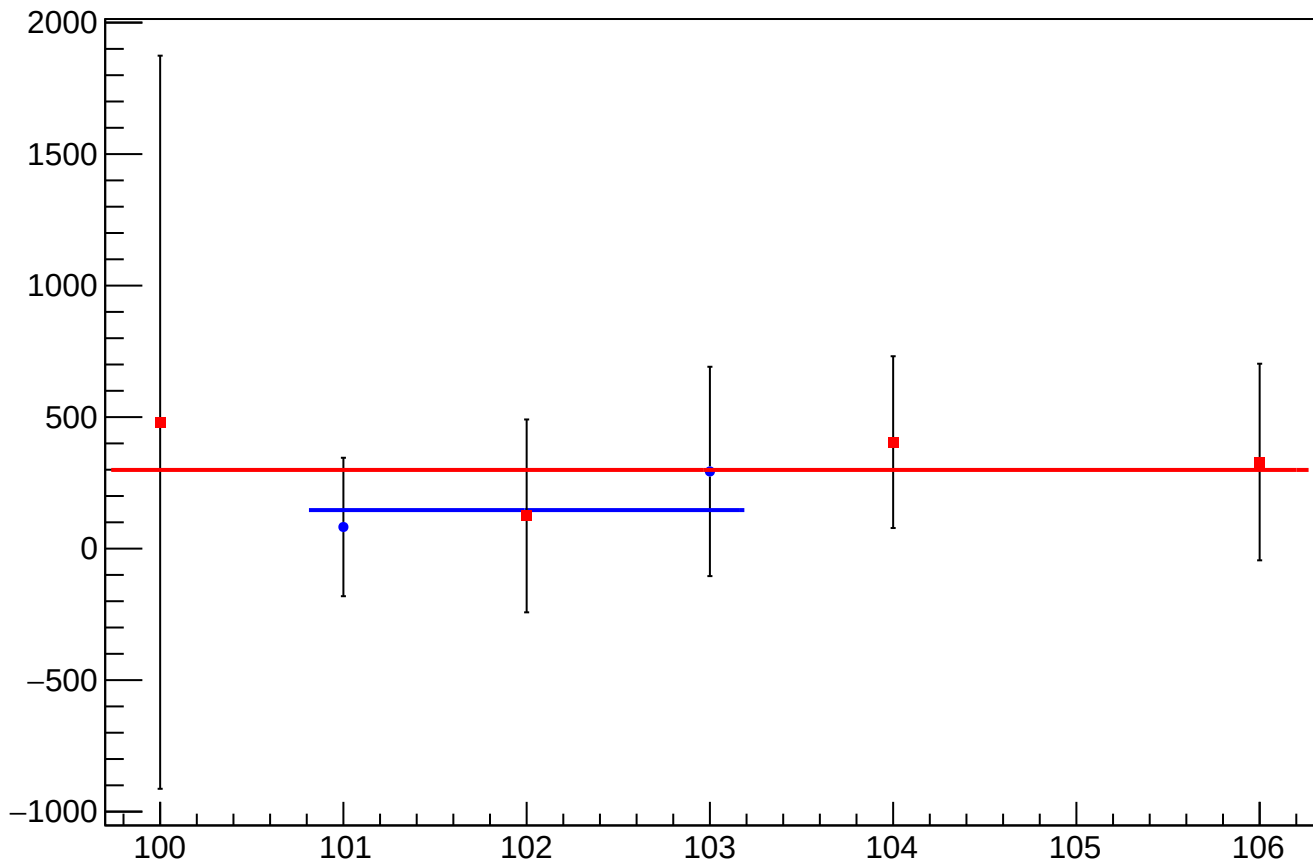
Right: 0.000+/-0.000 χ^2/NDF : 412476.8/5

In: 0.000+/-0.000 χ^2/NDF : 124138.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 412476.8/5

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.484 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 299.148 $\pm$ 202.082 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

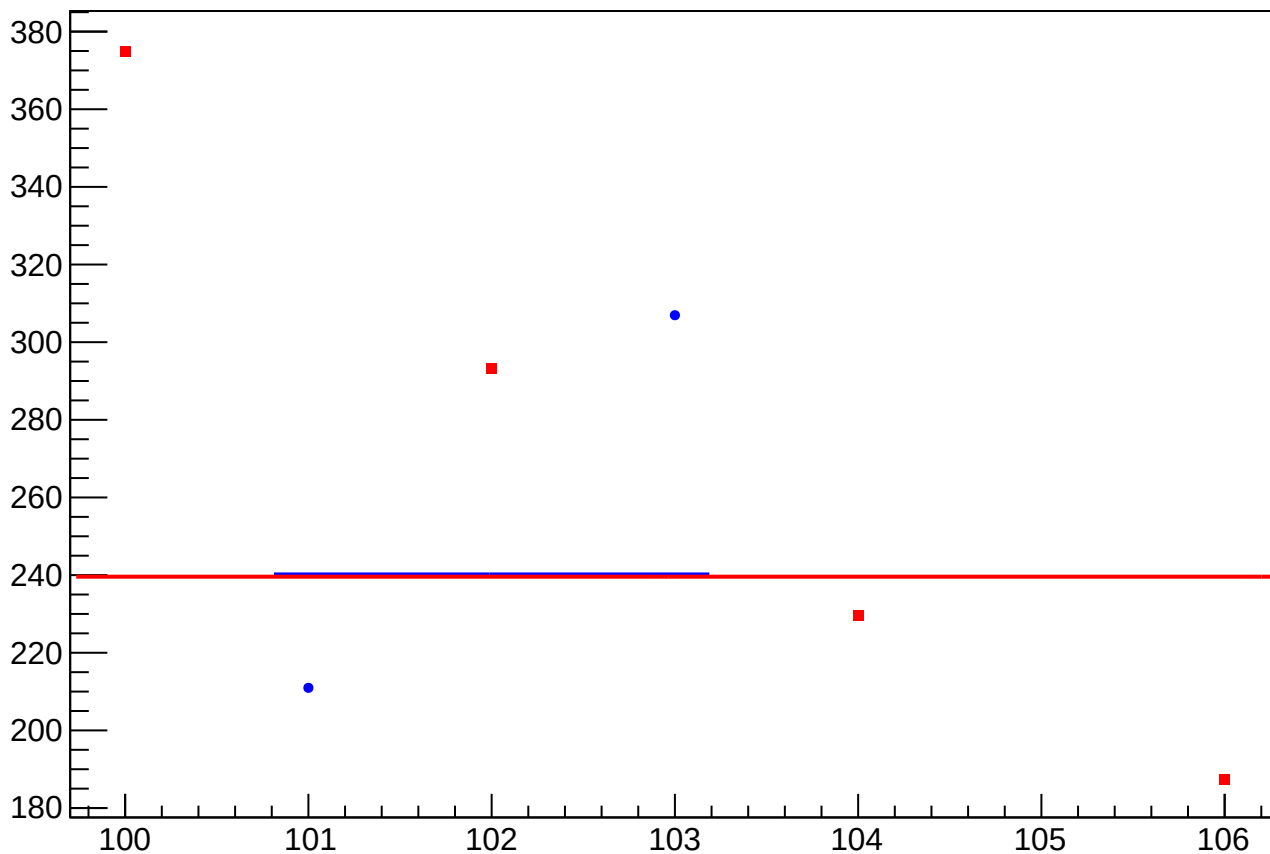
Right: 229.119 $\pm$ 148.676 χ^2 /NDF: 0.8/5

In: 146.484 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.119 $\pm$ 148.676 χ^2 /NDF: 0.8/5

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170+/-0.155 χ^2/NDF : 80941.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 239.591+/-0.143 χ^2/NDF : 102670.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

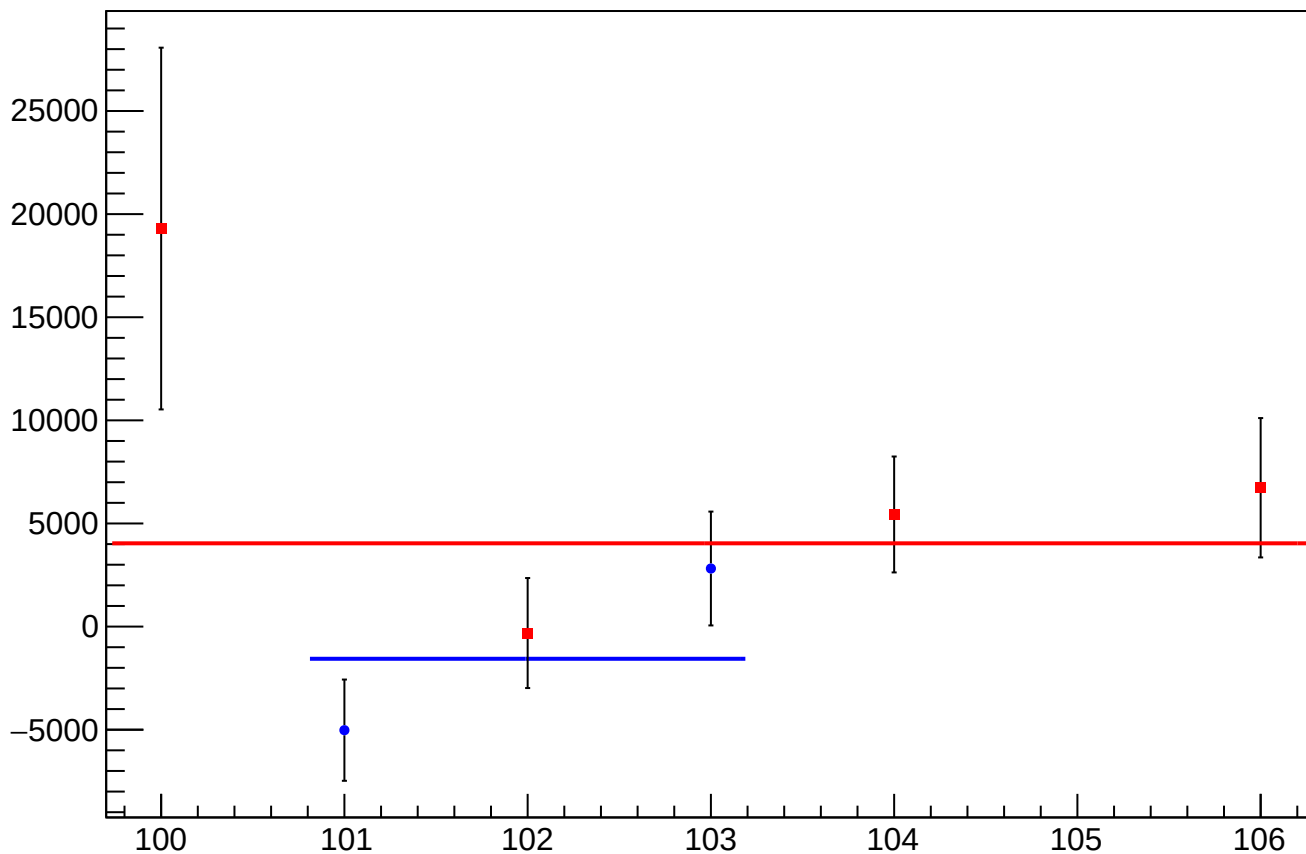
Right: 239.857+/-0.105 χ^2/NDF : 183618.9/5

In: 240.170+/-0.155 χ^2/NDF : 80941.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.857+/-0.105 χ^2/NDF : 183618.9/5

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: -1560.864+/-1834.222 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4037.633+/-1648.899 χ^2/NDF : 6.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

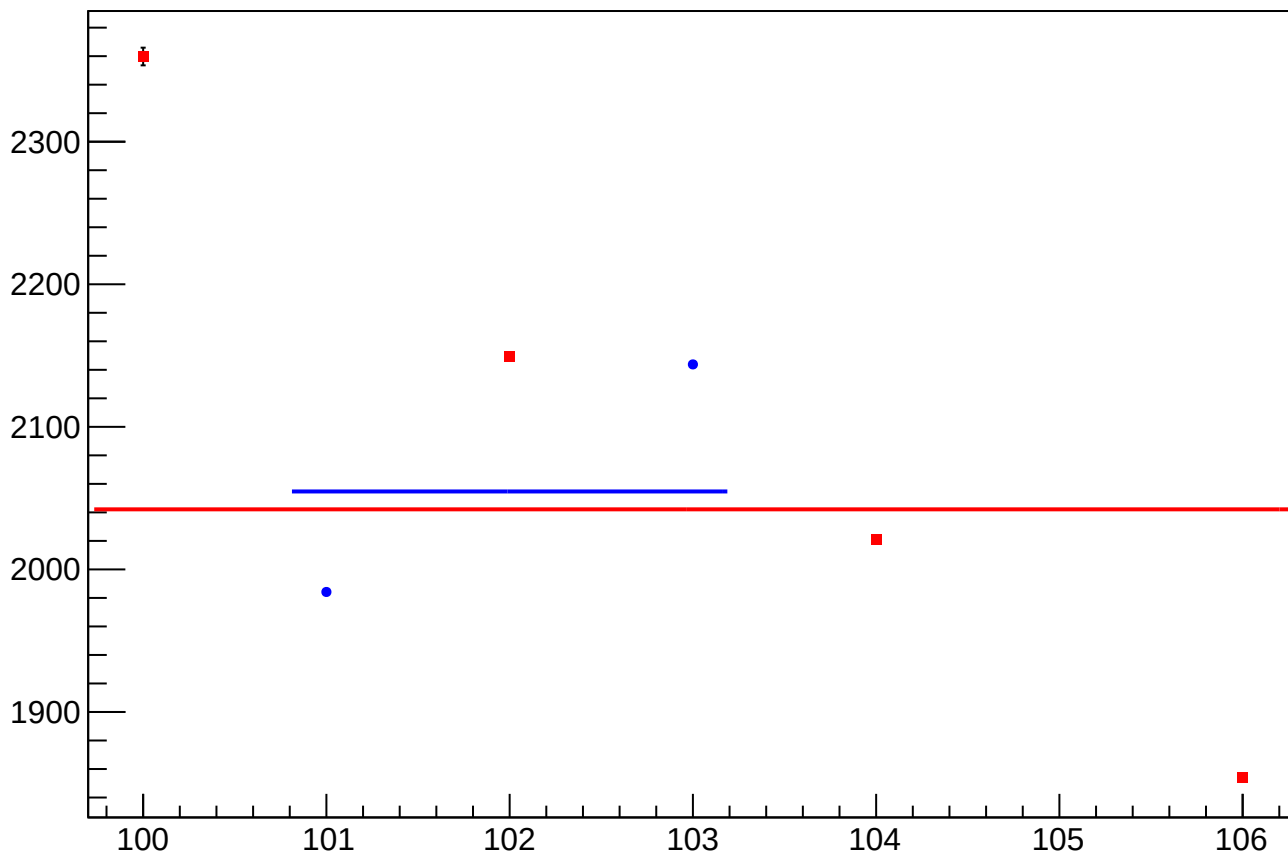
Right: 1535.416+/-1226.249 χ^2/NDF : 16.2/5

In: -1560.864+/-1834.222 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1535.416+/-1226.249 χ^2/NDF : 16.2/5

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2054.678+/-1.297 χ^2/NDF : 3734.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2042.136+/-1.166 χ^2/NDF : 12148.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

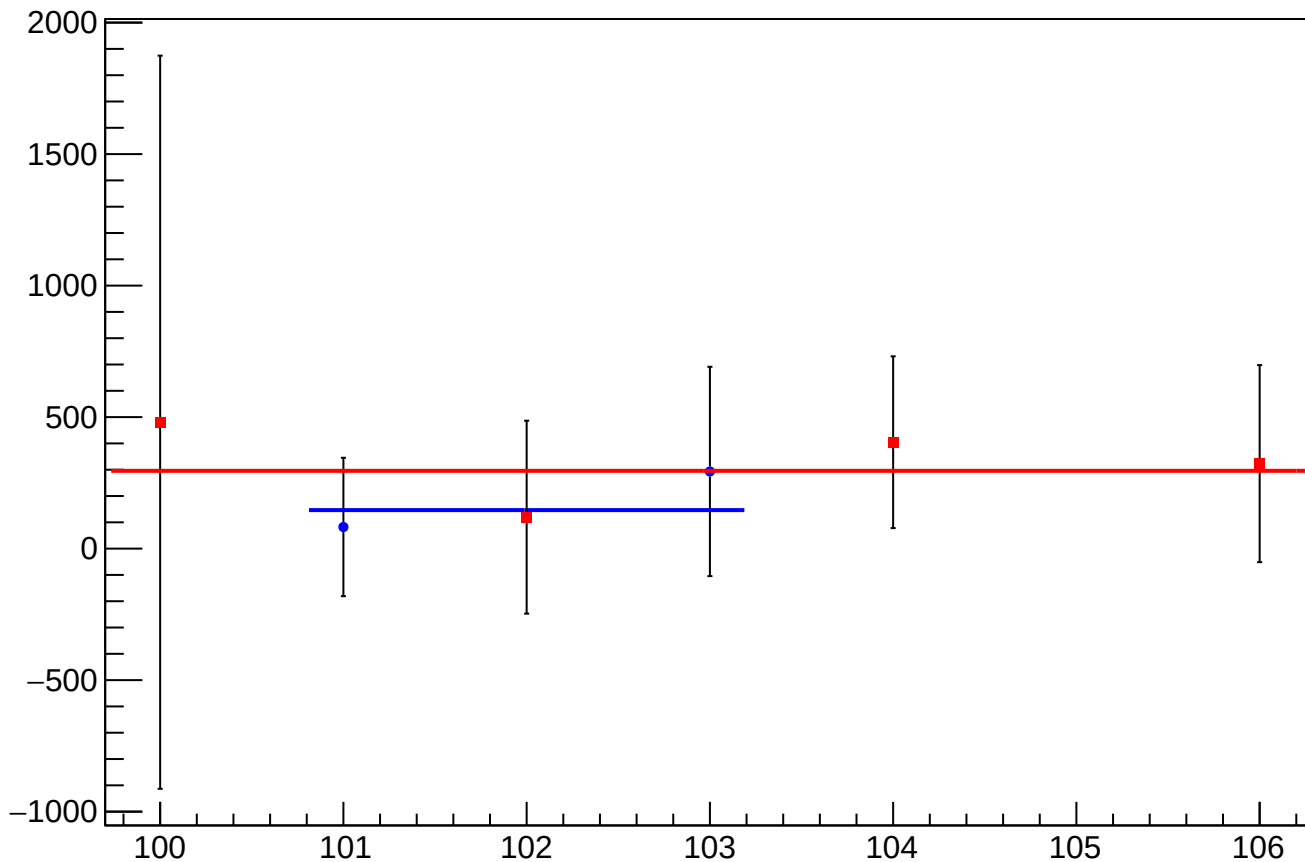
Right: 2047.742+/-0.867 χ^2/NDF : 15934.5/5

In: 2054.678+/-1.297 χ^2/NDF : 3734.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2047.742+/-0.867 χ^2/NDF : 15934.5/5

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 295.805 $\pm$ 202.250 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

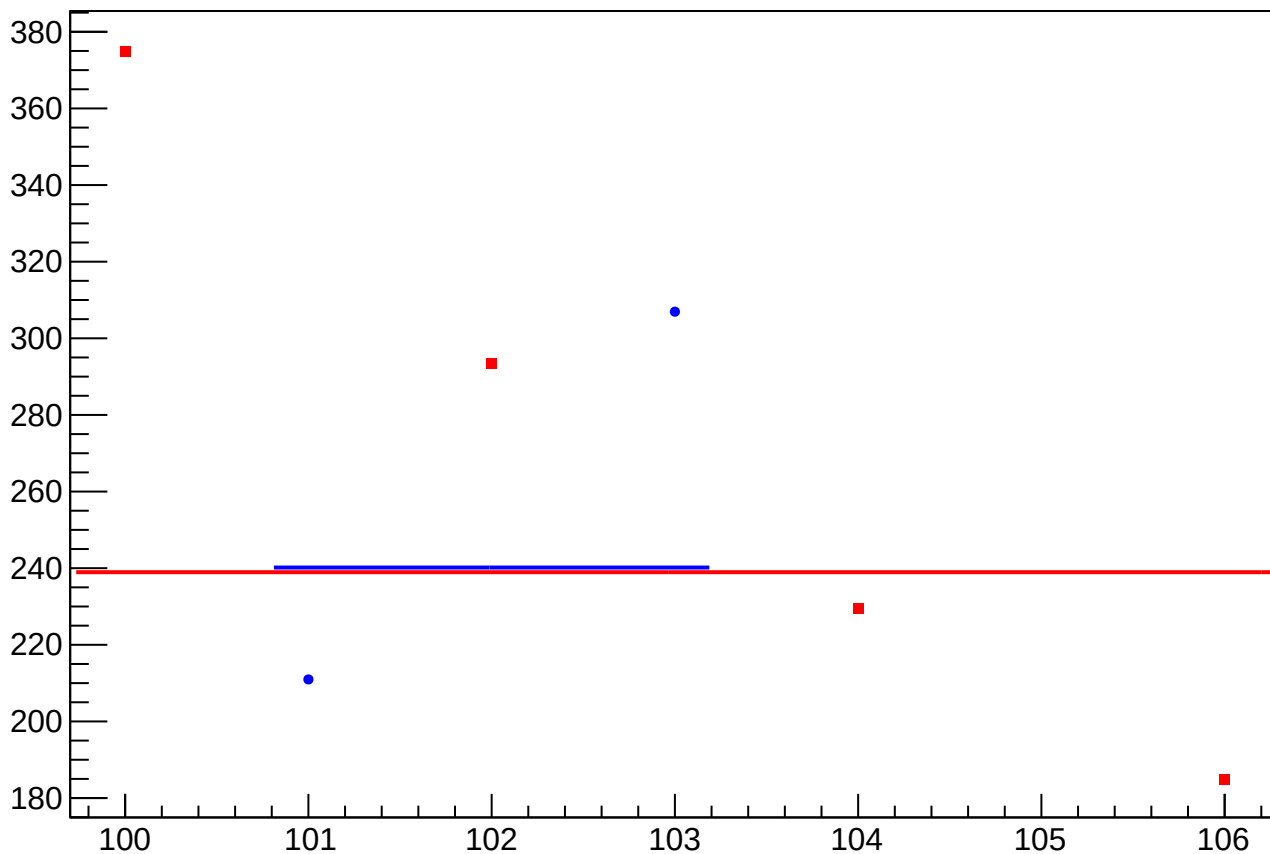
Right: 227.240 $\pm$ 148.743 χ^2 /NDF: 0.8/5

In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.240 $\pm$ 148.743 χ^2 /NDF: 0.8/5

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170+/-0.155 χ^2/NDF : 80943.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.955+/-0.143 χ^2/NDF : 106473.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

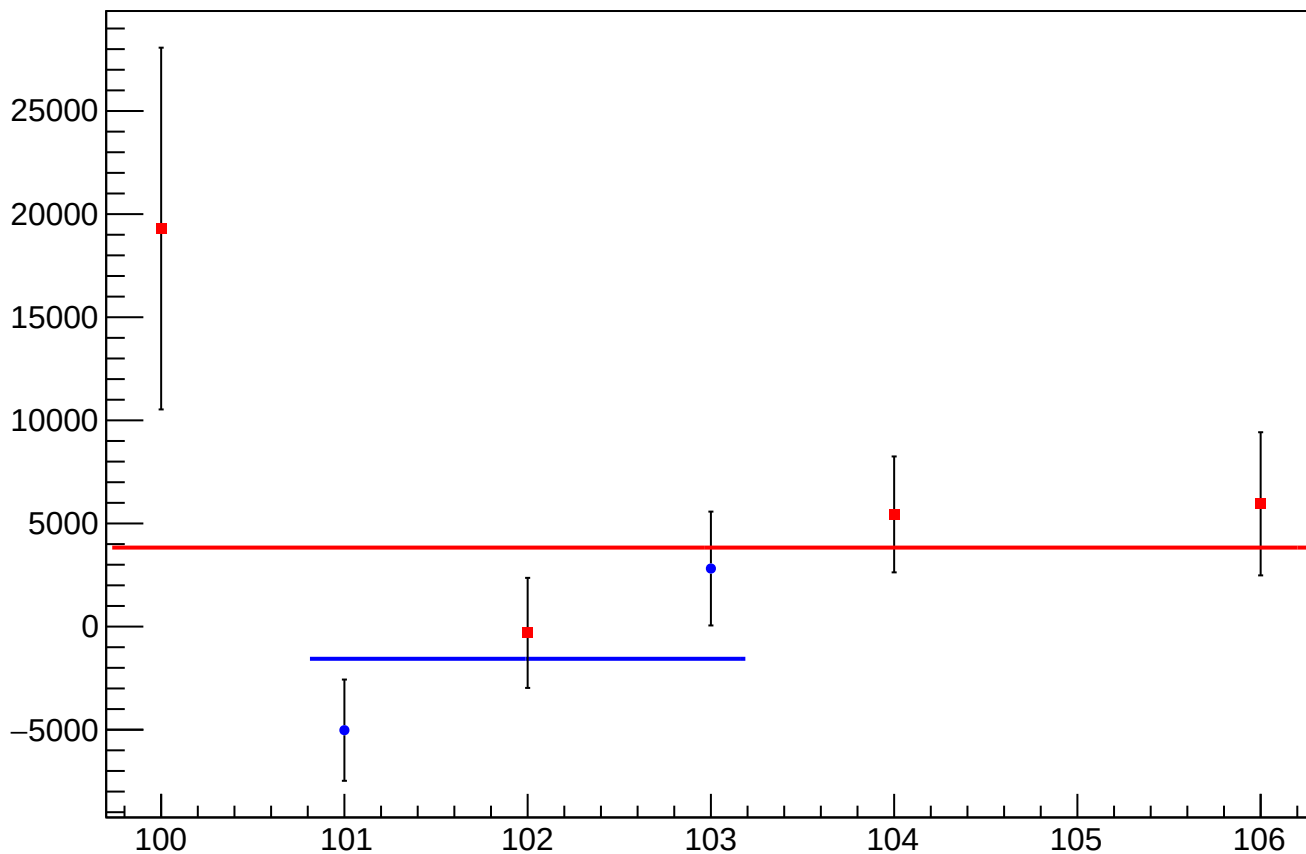
Right: 239.513+/-0.105 χ^2/NDF : 187450.5/5

In: 240.170+/-0.155 χ^2/NDF : 80943.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.513+/-0.105 χ^2/NDF : 187450.5/5

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3830.695+/-1659.577 χ^2/NDF : 6.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

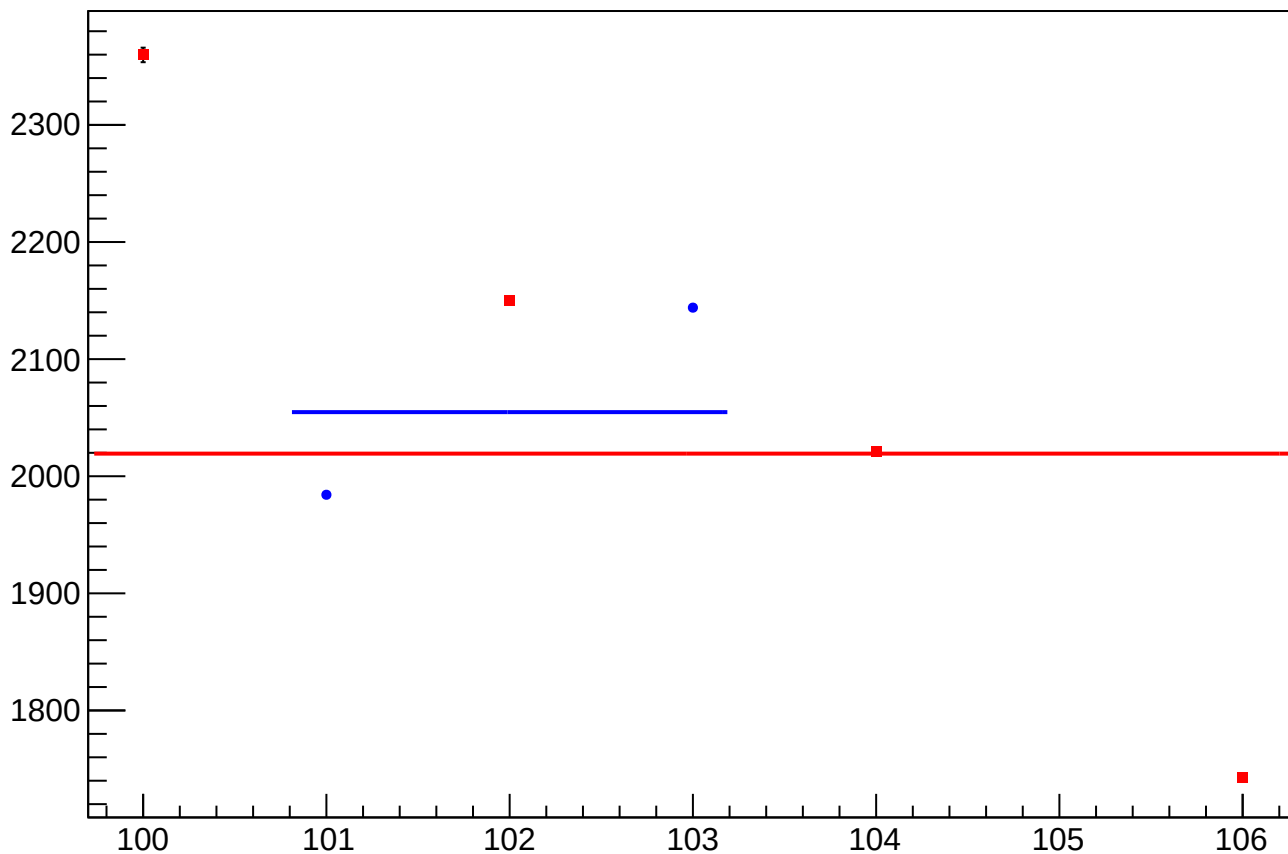
Right: 1403.513+/-1230.640 χ^2/NDF : 15.5/5

In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1403.513+/-1230.640 χ^2/NDF : 15.5/5

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2054.745 $\pm$ 1.297 χ^2 /NDF: 3742.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2019.309 $\pm$ 1.173 χ^2 /NDF: 20543.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

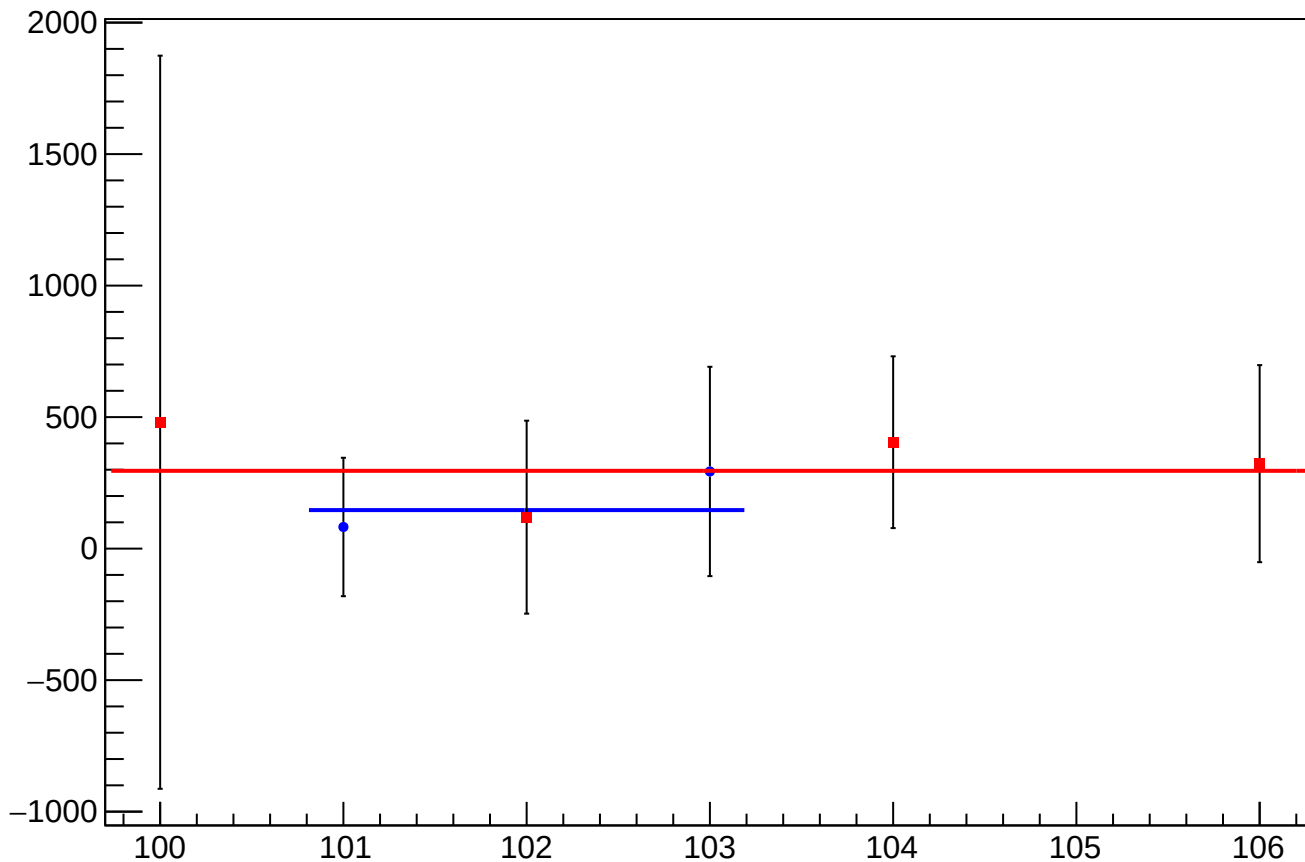
Right: 2035.260 $\pm$ 0.870 χ^2 /NDF: 24695.7/5

In: 2054.745 $\pm$ 1.297 χ^2 /NDF:3742.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2035.260 $\pm$ 0.870 χ^2 /NDF: 24695.7/5

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.466 $\pm$ 219.519 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 295.805 $\pm$ 202.250 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

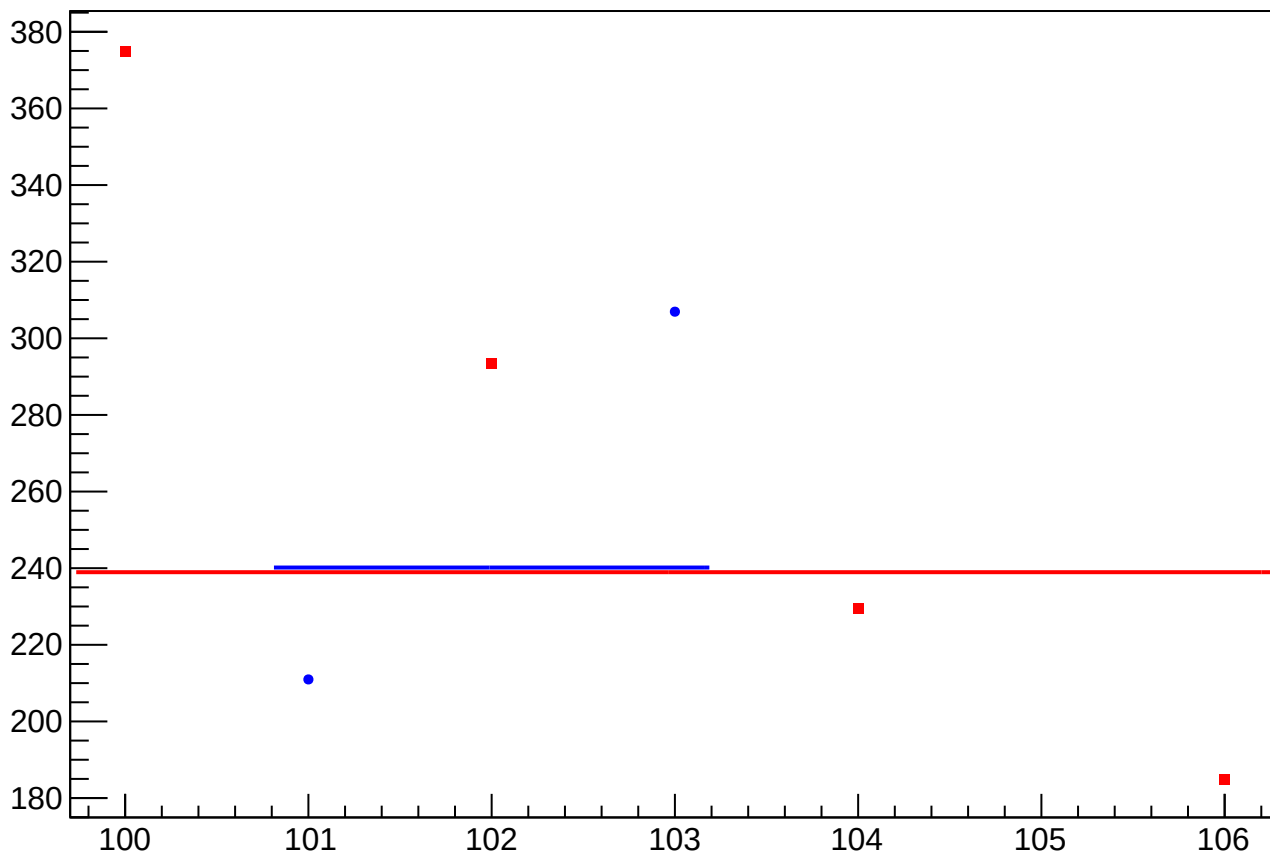
Right: 227.240 $\pm$ 148.743 χ^2 /NDF: 0.8/5

In: 146.466 $\pm$ 219.519 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 227.240 $\pm$ 148.743 χ^2 /NDF: 0.8/5

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170+/-0.155 χ^2/NDF : 80943.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.955+/-0.143 χ^2/NDF : 106473.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

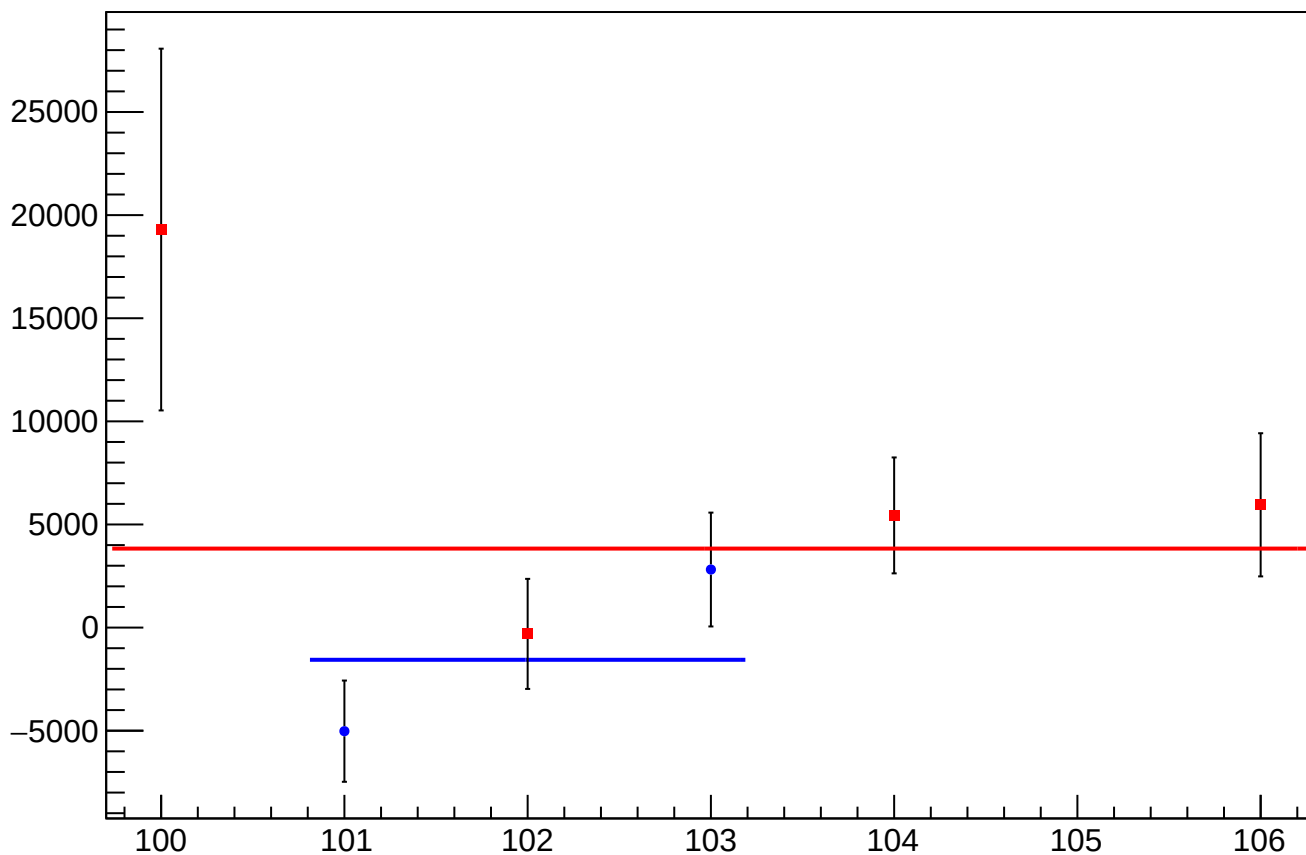
Right: 239.513+/-0.105 χ^2/NDF : 187450.5/5

In: 240.170+/-0.155 χ^2/NDF : 80943.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 239.513+/-0.105 χ^2/NDF : 187450.5/5

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1561.594+/-1834.283 χ^2 /NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 3830.695+/-1659.577 χ^2 /NDF: 6.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

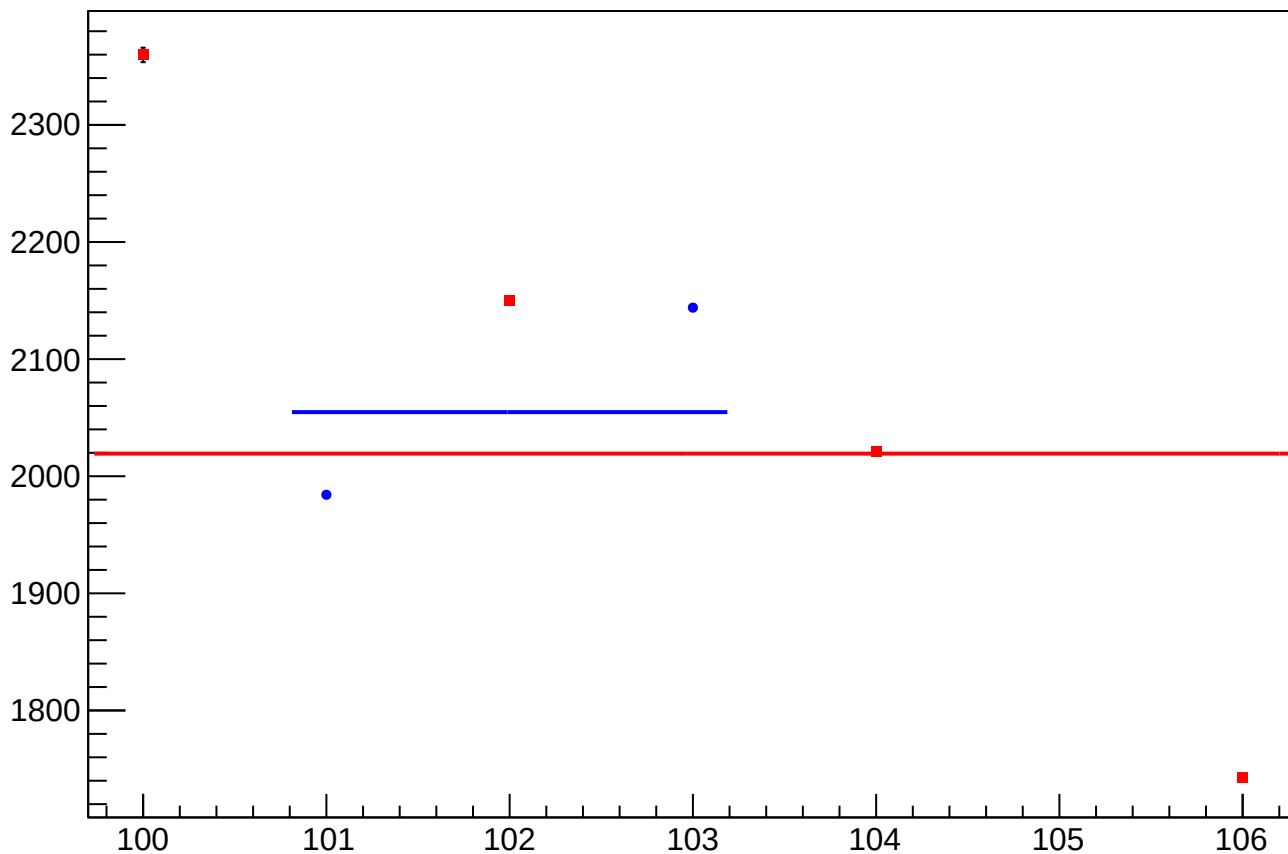
Right: 1403.513+/-1230.640 χ^2 /NDF: 15.5/5

In: -1561.594+/-1834.283 χ^2 /NDF:4.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1403.513+/-1230.640 χ^2 /NDF: 15.5/5

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2019.309+/-1.173 χ^2/NDF : 20543.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

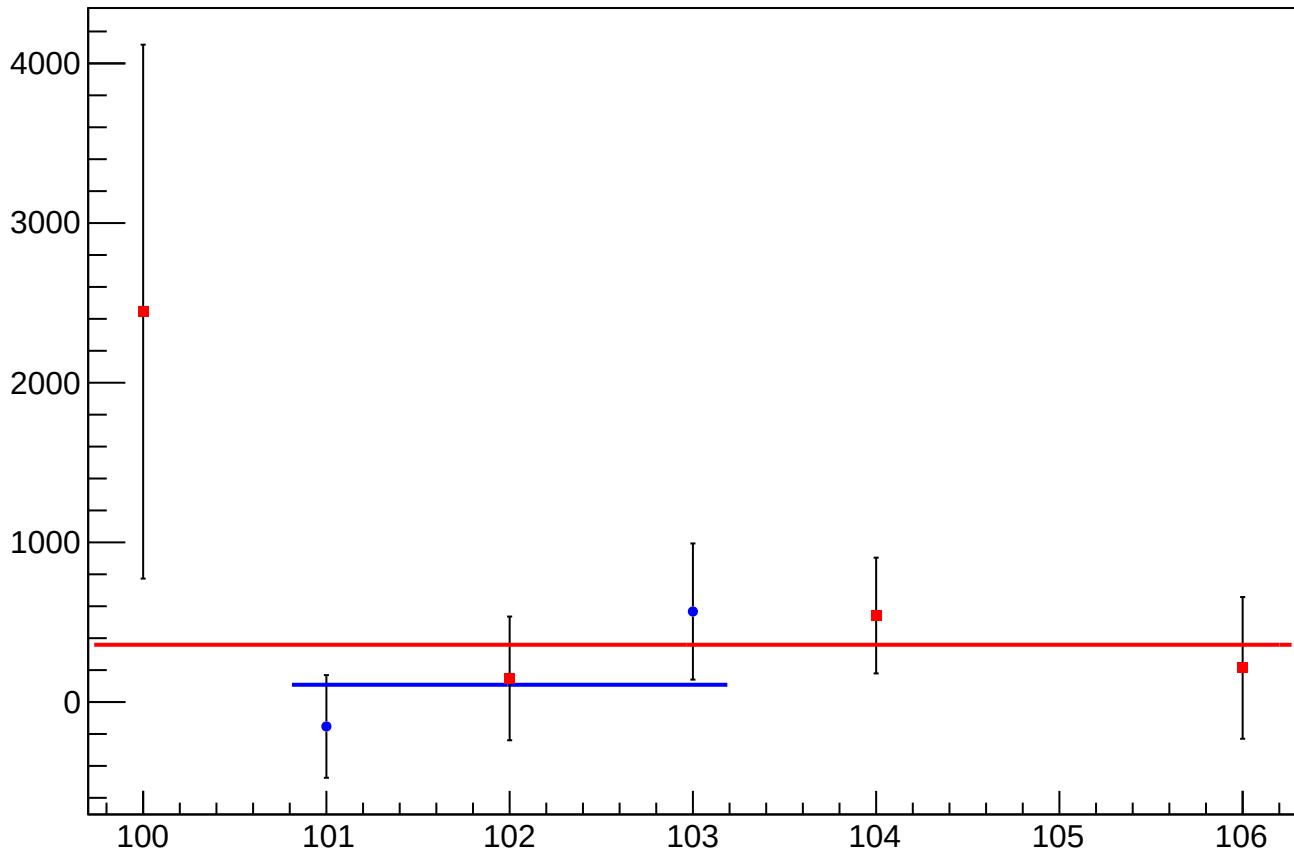
Right: 2035.260+/-0.870 χ^2/NDF : 24695.7/5

In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2035.260+/-0.870 χ^2/NDF : 24695.7/5

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 108.189+/-256.796 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.726+/-225.253 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

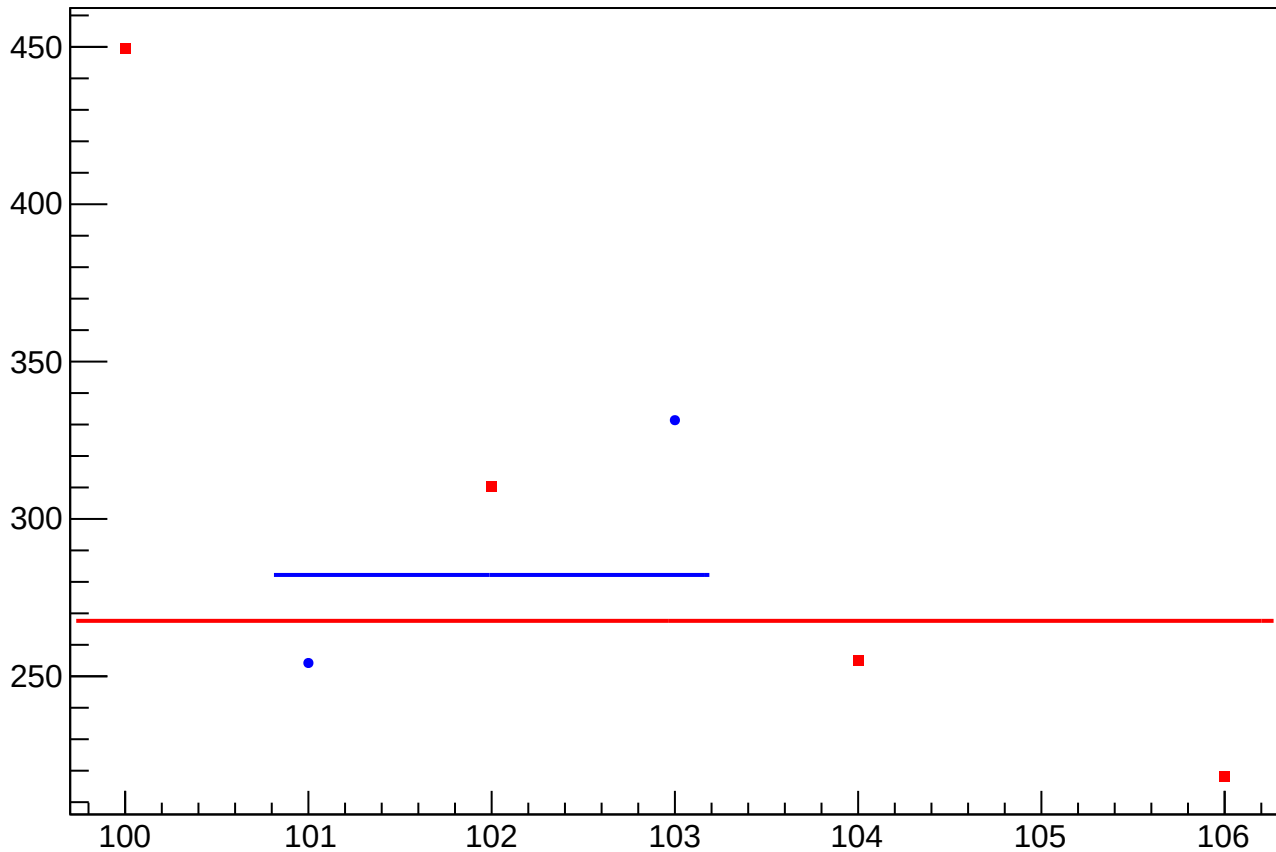
Right: 249.781+/-169.338 χ^2/NDF : 4.6/5

In: 108.189+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.781+/-169.338 χ^2/NDF : 4.6/5

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 282.205+/-0.182 χ^2/NDF : 41732.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.619+/-0.159 χ^2/NDF : 75227.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

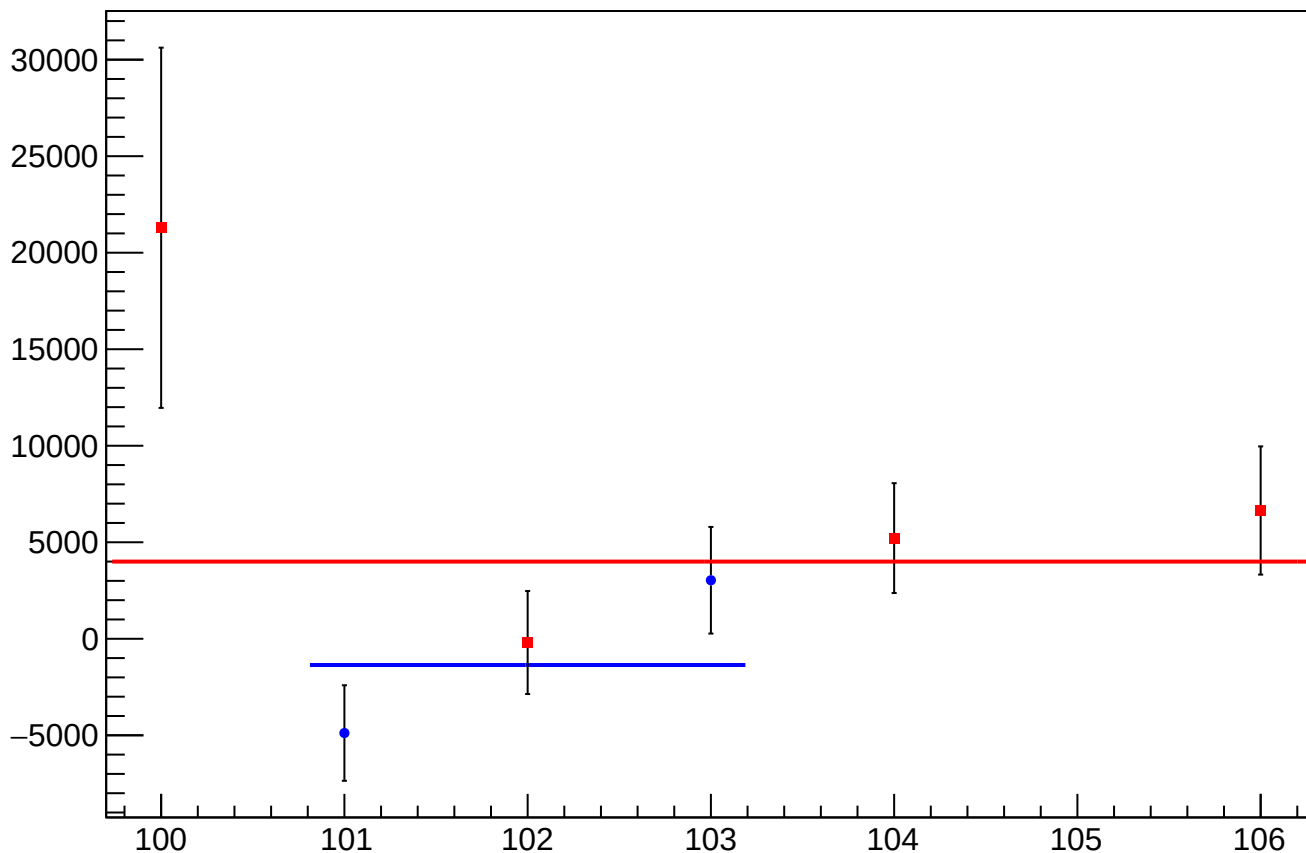
Right: 273.962+/-0.120 χ^2/NDF : 120606.1/5

In: 282.205+/-0.182 χ^2/NDF : 41732.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.962+/-0.120 χ^2/NDF : 120606.1/5

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.097 $\pm$ 1843.200 χ^2 /NDF: 4.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3998.756 $\pm$ 1652.575 χ^2 /NDF: 6.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

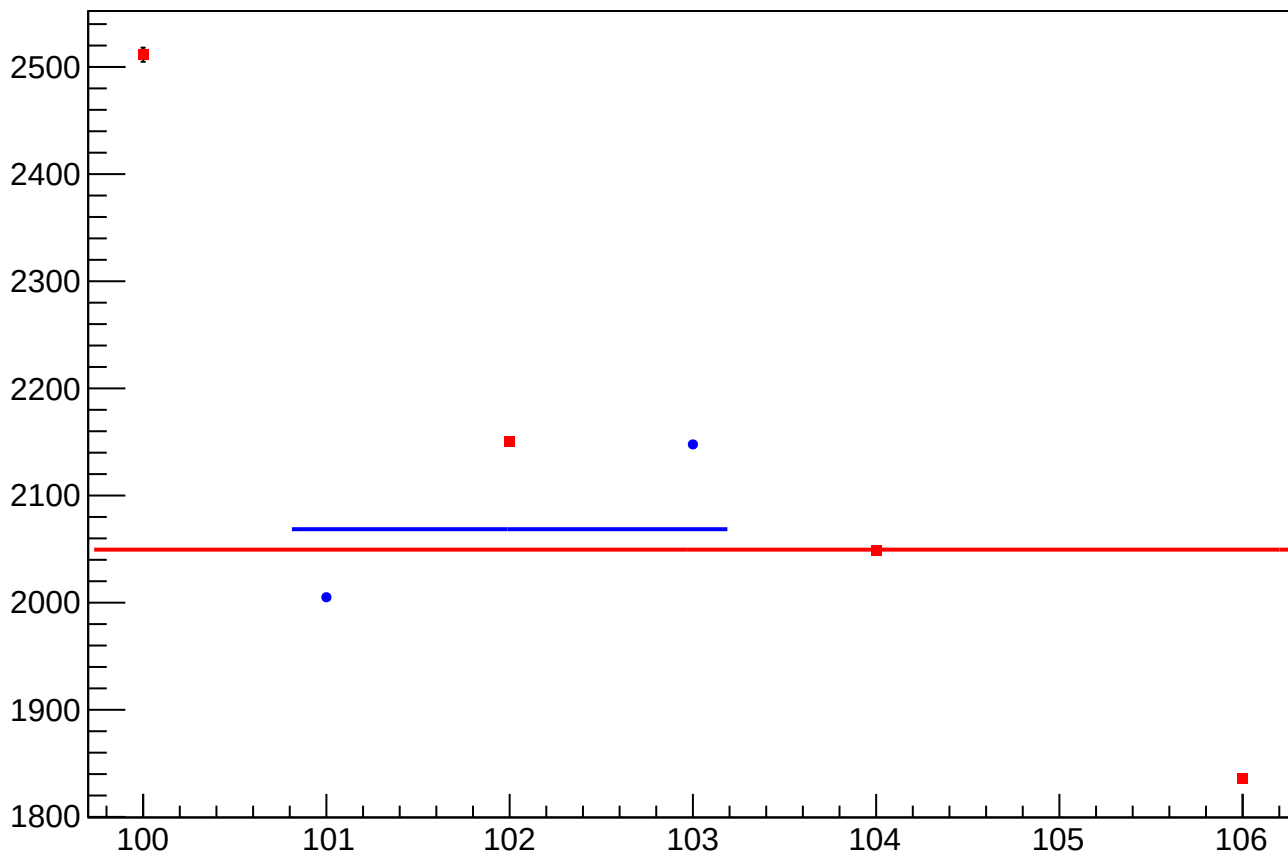
Right: 1611.128 $\pm$ 1230.440 χ^2 /NDF: 16.0/5

In: -1359.097 $\pm$ 1843.200 χ^2 /NDF:4.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1611.128 $\pm$ 1230.440 χ^2 /NDF: 16.0/5

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2068.577+/-1.303 χ^2/NDF : 2957.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.503+/-1.169 χ^2/NDF : 16021.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

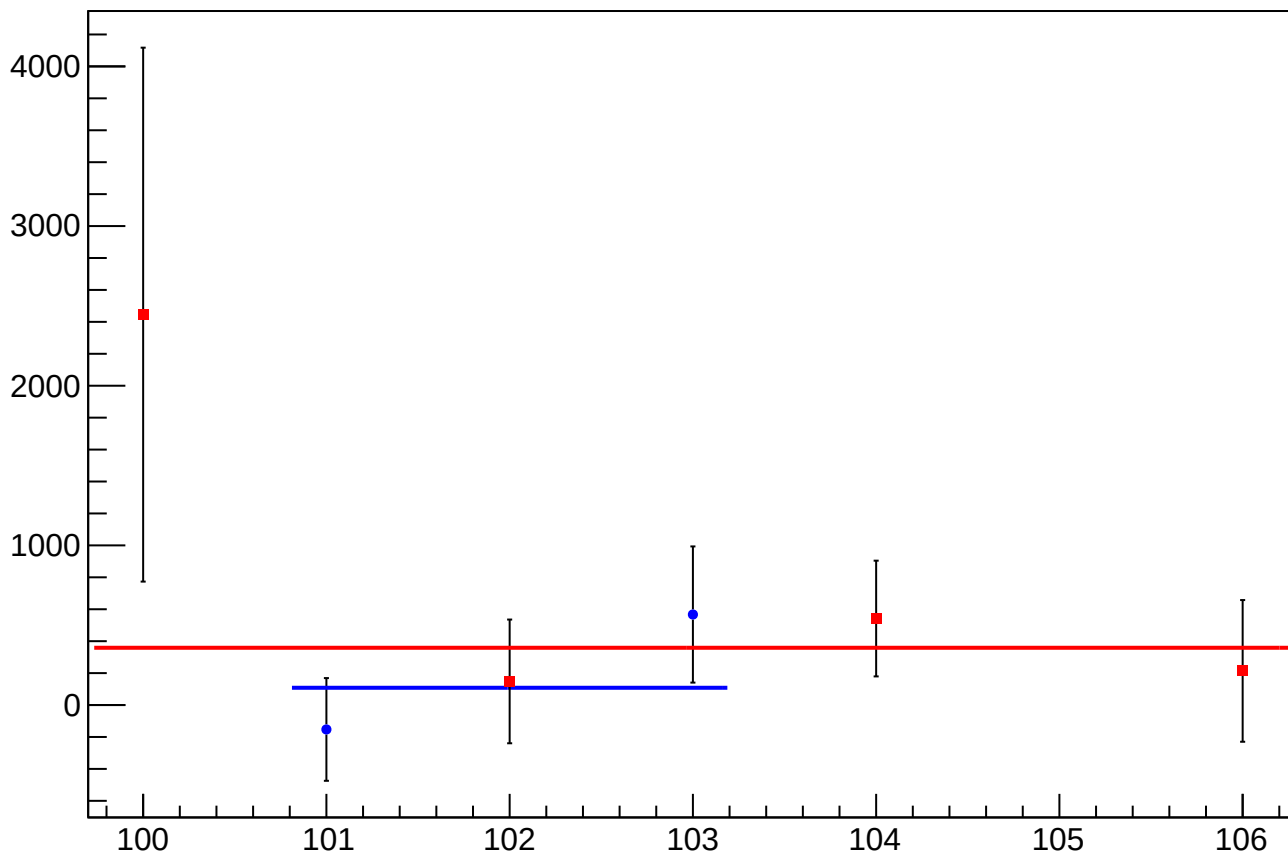
Right: 2058.003+/-0.870 χ^2/NDF : 19098.0/5

In: 2068.577+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2058.003+/-0.870 χ^2/NDF : 19098.0/5

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 108.193+/-256.796 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 358.724+/-225.253 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

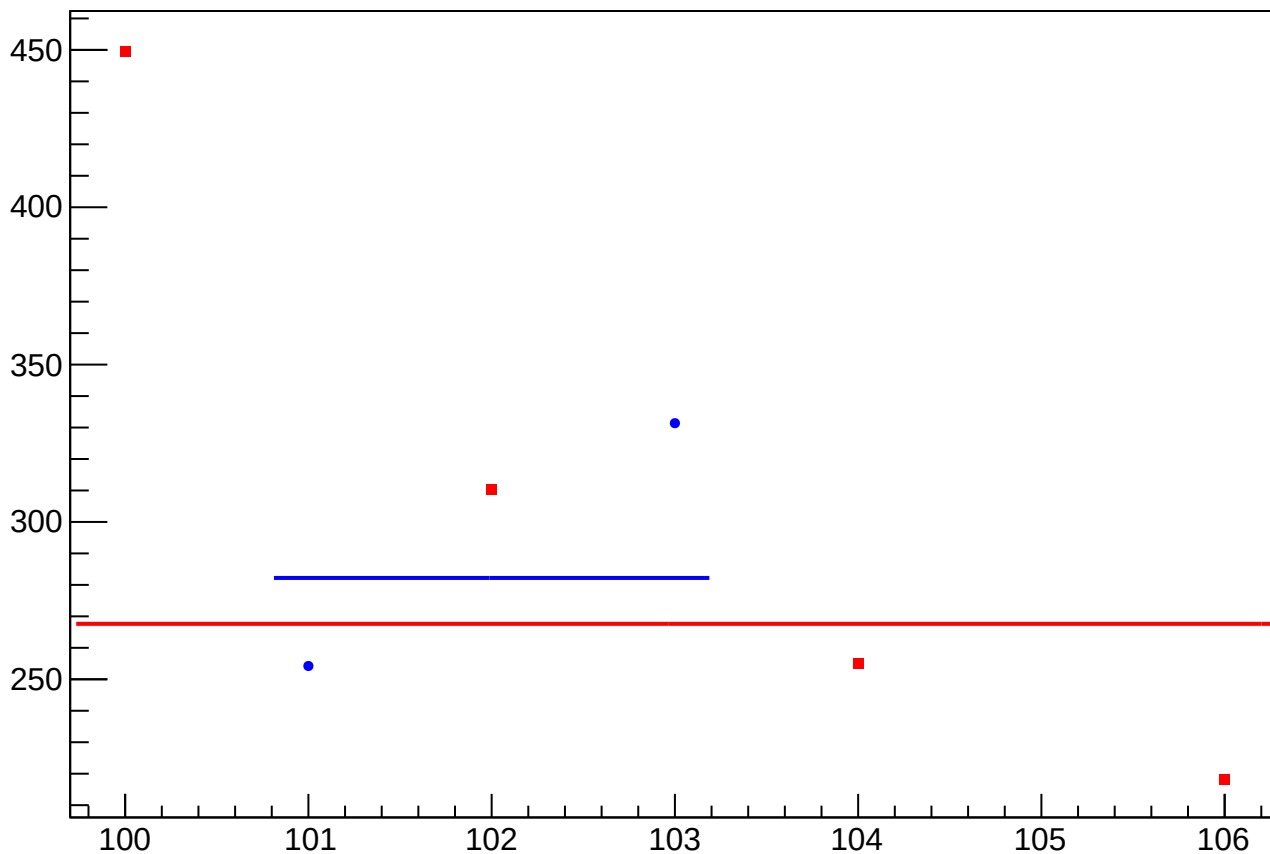
Right: 249.782+/-169.338 χ^2/NDF : 4.6/5

In: 108.193+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.782+/-169.338 χ^2/NDF : 4.6/5

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 282.206+/-0.182 χ^2/NDF : 41730.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.619+/-0.159 χ^2/NDF : 75226.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

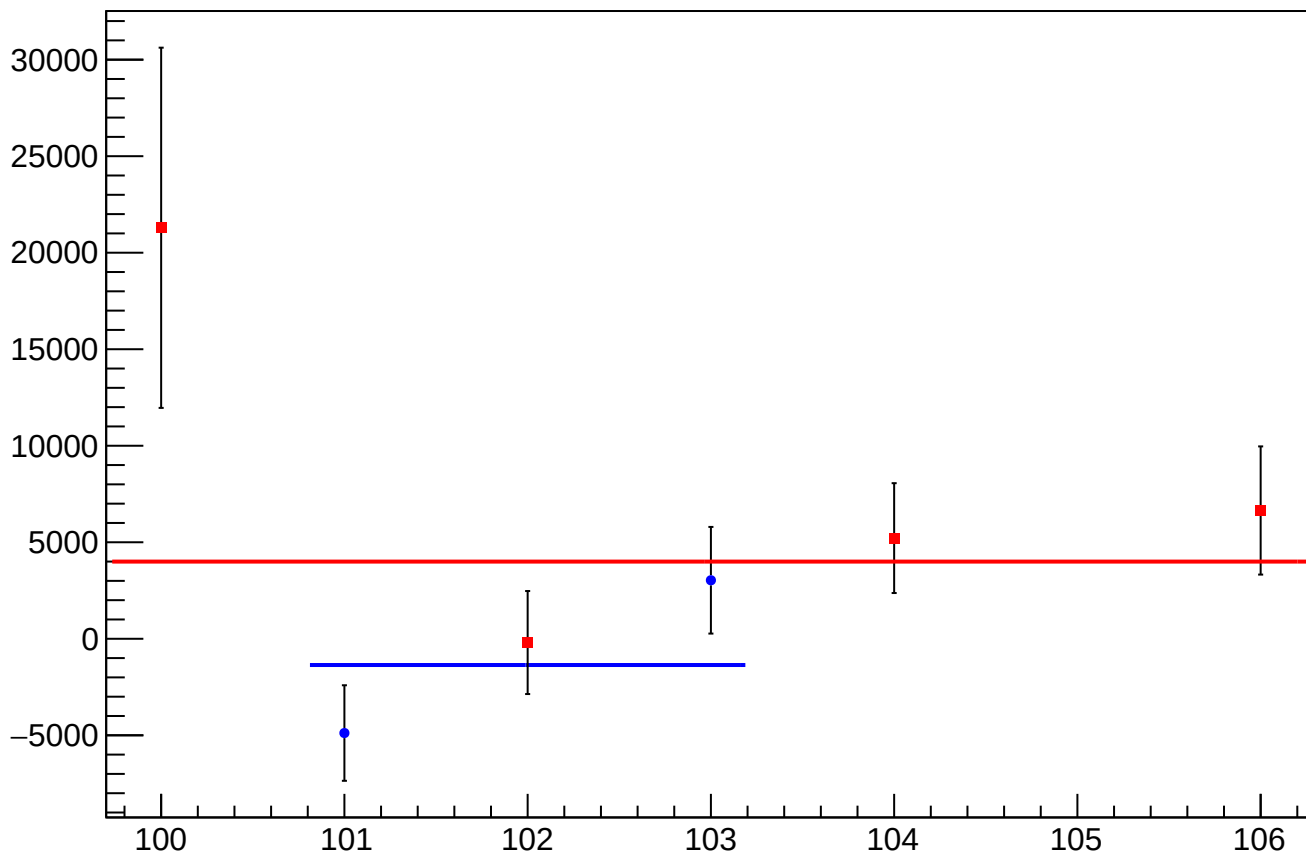
Right: 273.962+/-0.120 χ^2/NDF : 120604.1/5

In: 282.206+/-0.182 χ^2/NDF : 41730.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.962+/-0.120 χ^2/NDF : 120604.1/5

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.100+/-1843.202 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3998.758+/-1652.576 χ^2/NDF : 6.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

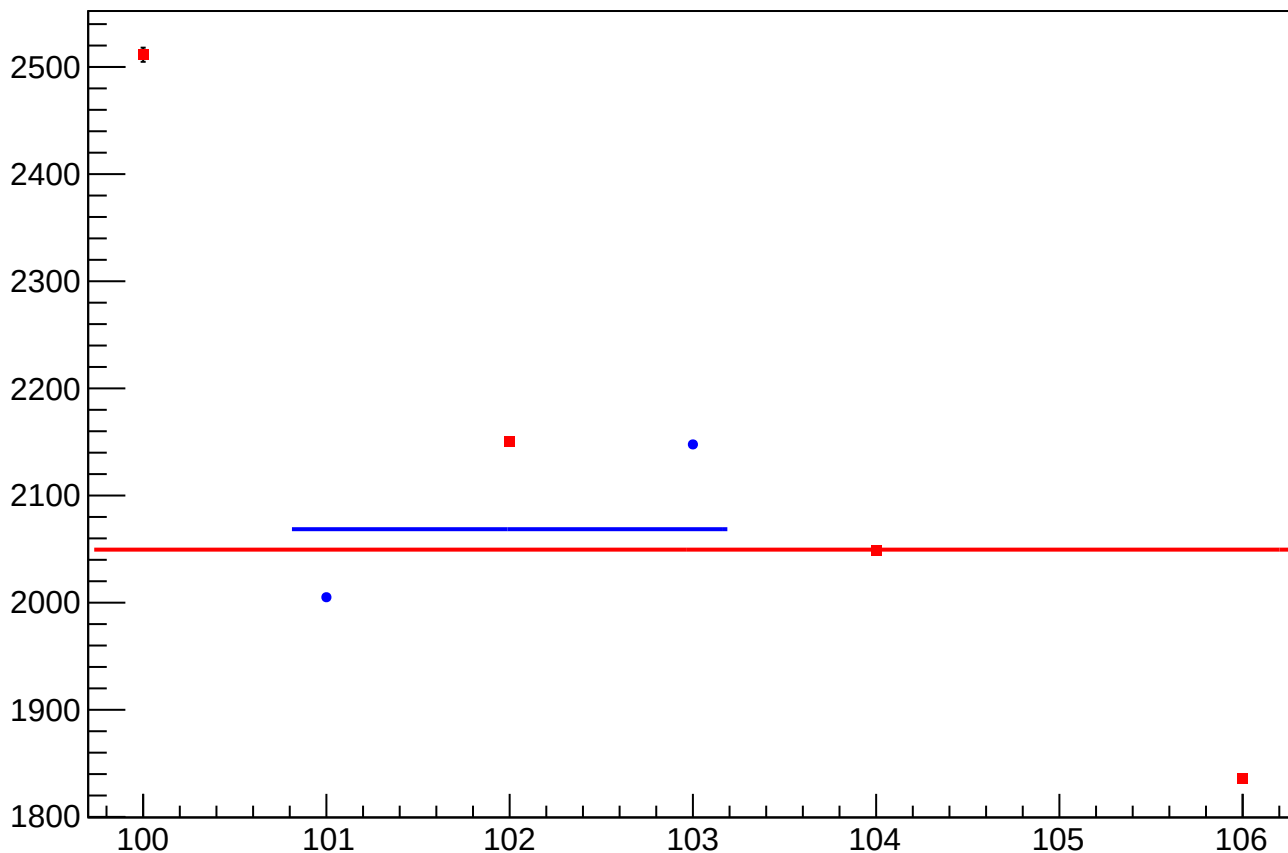
Right: 1611.129+/-1230.441 χ^2/NDF : 16.0/5

In: -1359.100+/-1843.202 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.129+/-1230.441 χ^2/NDF : 16.0/5

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2068.579+/-1.303 χ^2/NDF : 2957.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.503+/-1.169 χ^2/NDF : 16021.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

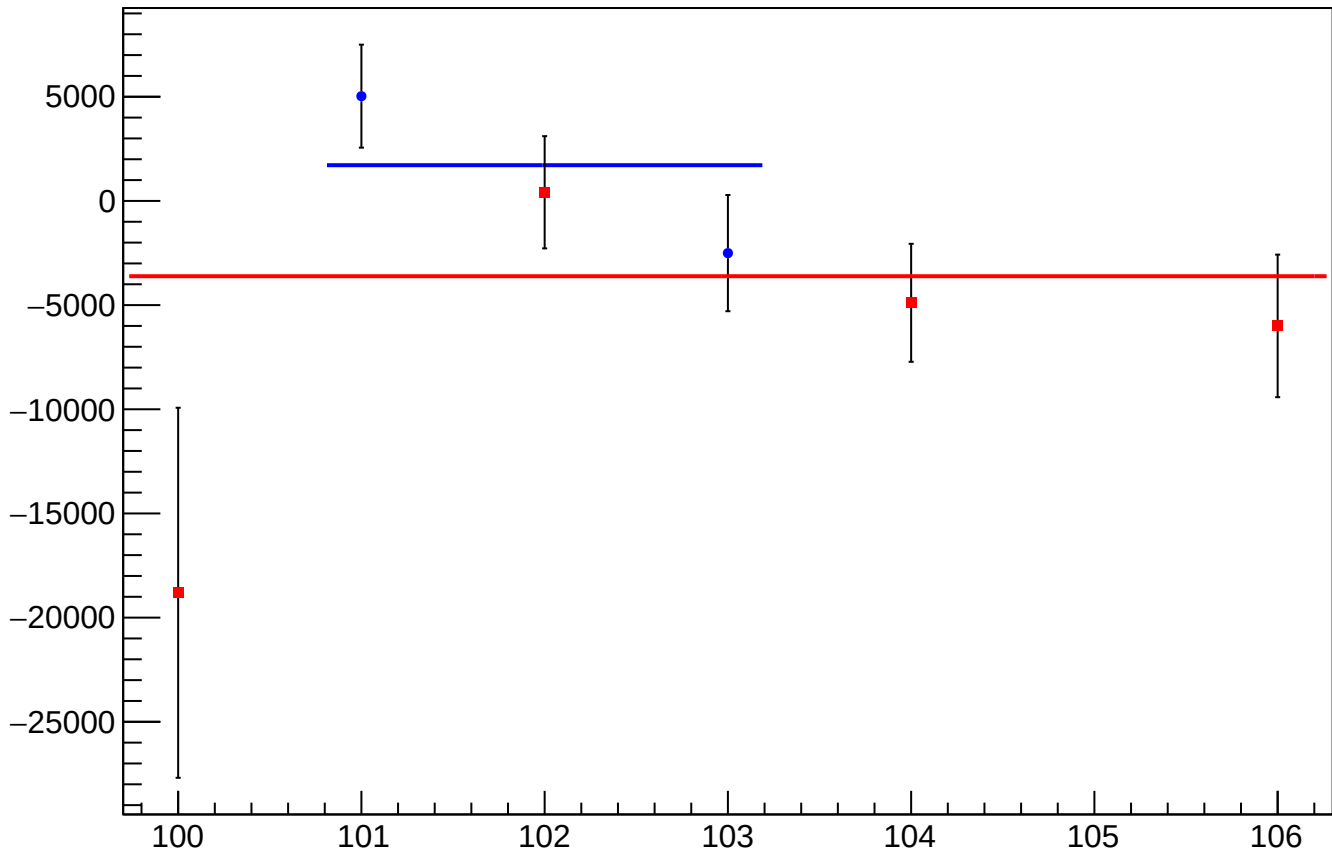
Right: 2058.004+/-0.870 χ^2/NDF : 19098.4/5

In: 2068.579+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2058.004+/-0.870 χ^2/NDF : 19098.4/5

asym_sam4_mean vs Slug, Sign Corrected



Right In: 1714.997+/-1849.925 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3613.530+/-1665.259 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

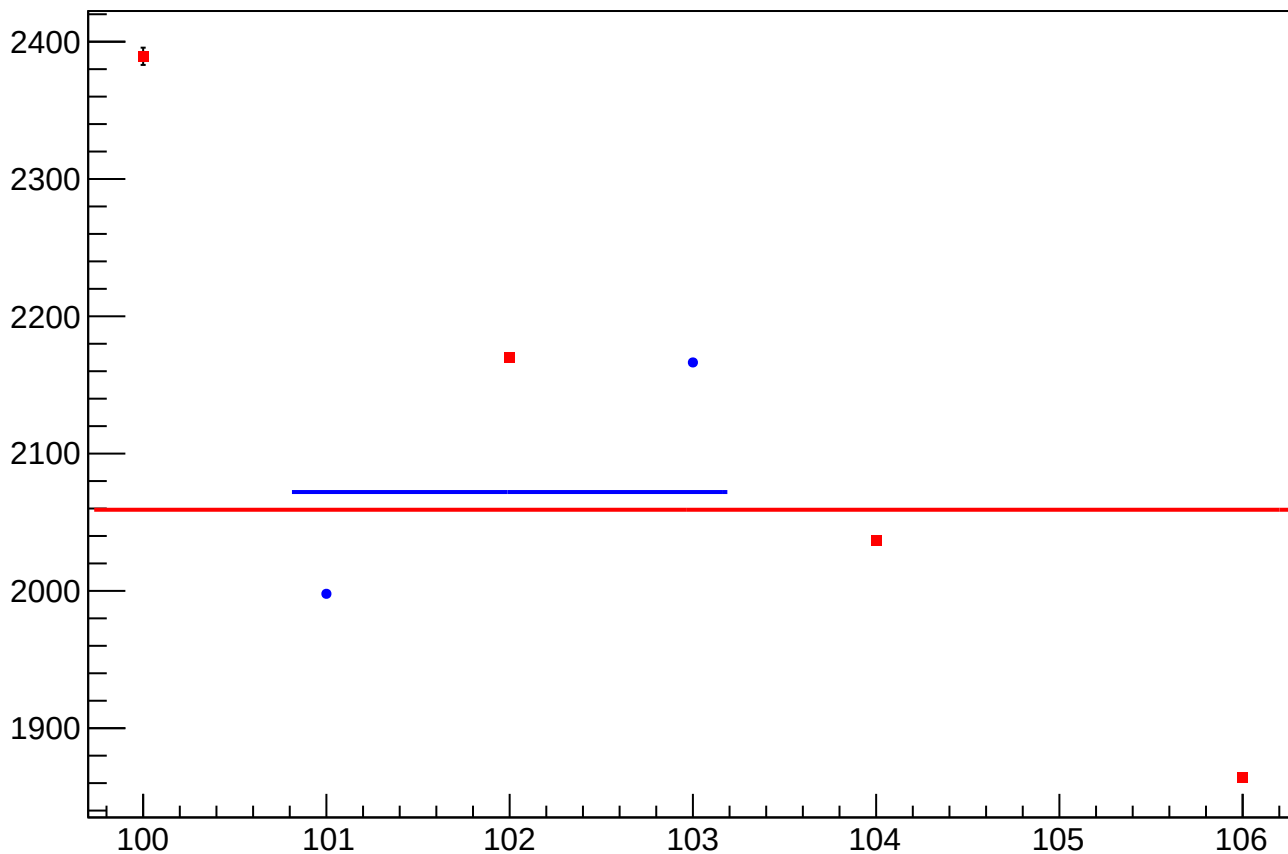
Right: -1228.424+/-1237.668 χ^2/NDF : 14.5/5

In: 1714.997+/-1849.925 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1228.424+/-1237.668 χ^2/NDF : 14.5/5

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2072.006+/-1.308 χ^2/NDF : 4088.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2059.098+/-1.178 χ^2/NDF : 12780.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

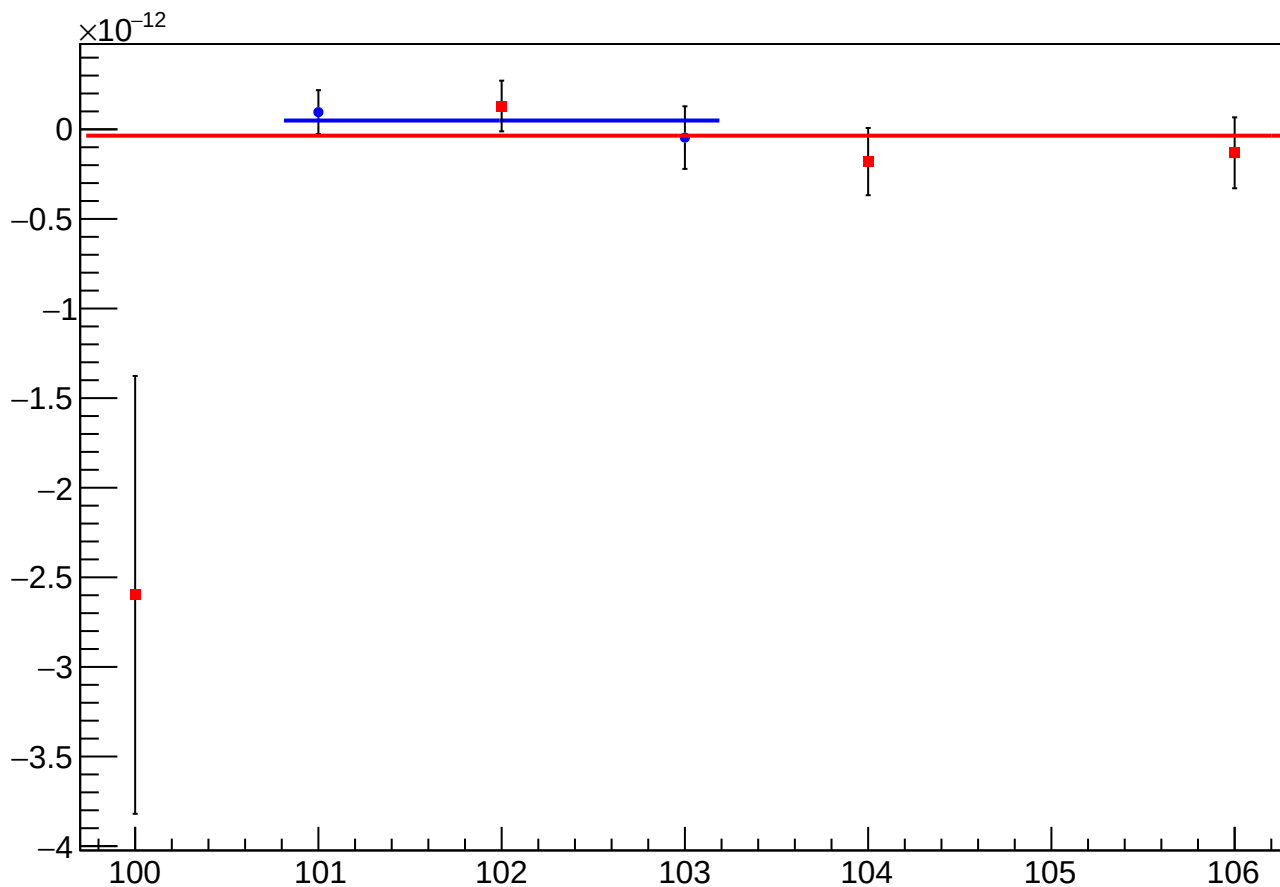
Right: 2064.876+/-0.875 χ^2/NDF : 16922.6/5

In: 2072.006+/-1.308 χ^2/NDF : 4088.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.876+/-0.875 χ^2/NDF : 16922.6/5

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

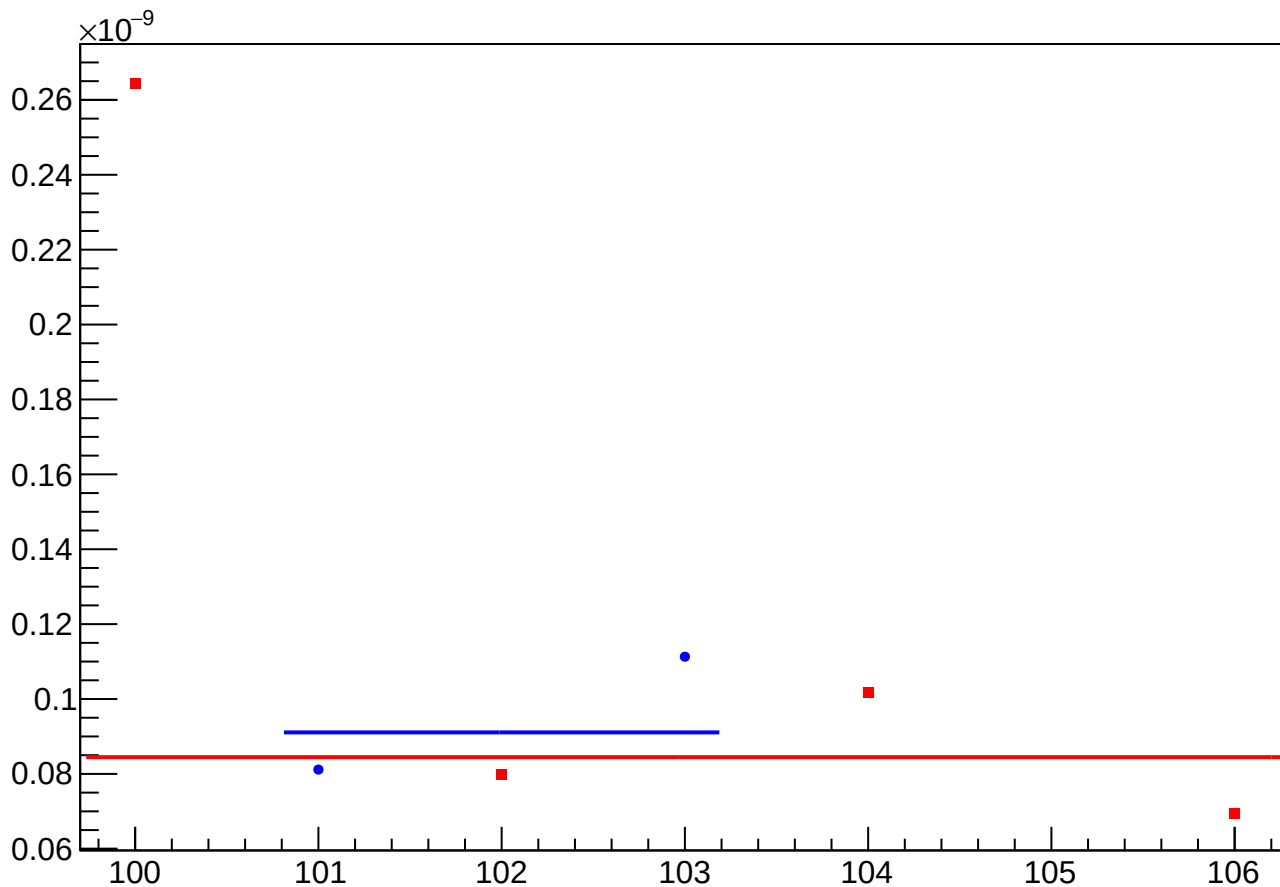
Right: 0.000+/-0.000 χ^2/NDF : 7.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.4/5

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 39934.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 74137.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

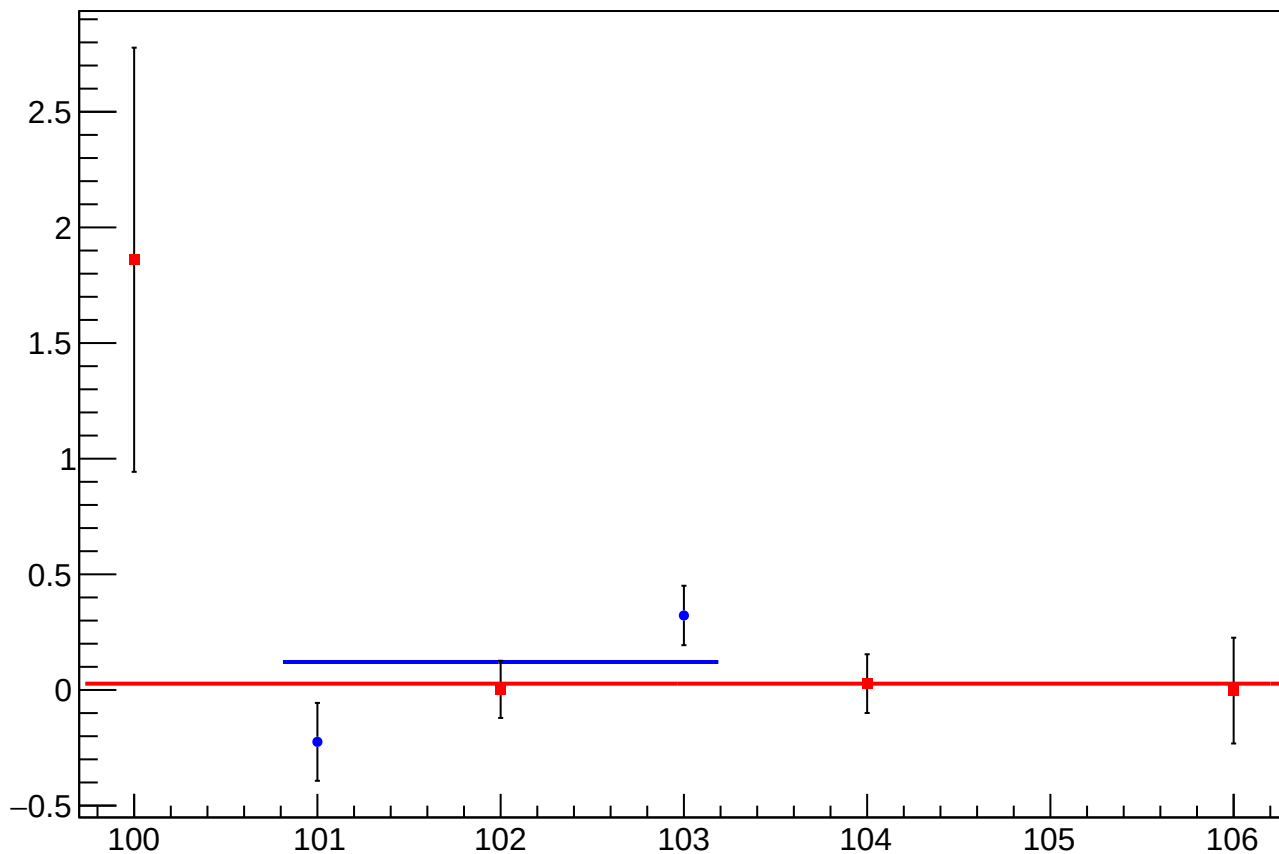
Right: 0.000+/-0.000 χ^2/NDF : 118531.9/5

In: 0.000+/-0.000 χ^2/NDF : 39934.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 118531.9/5

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.082 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

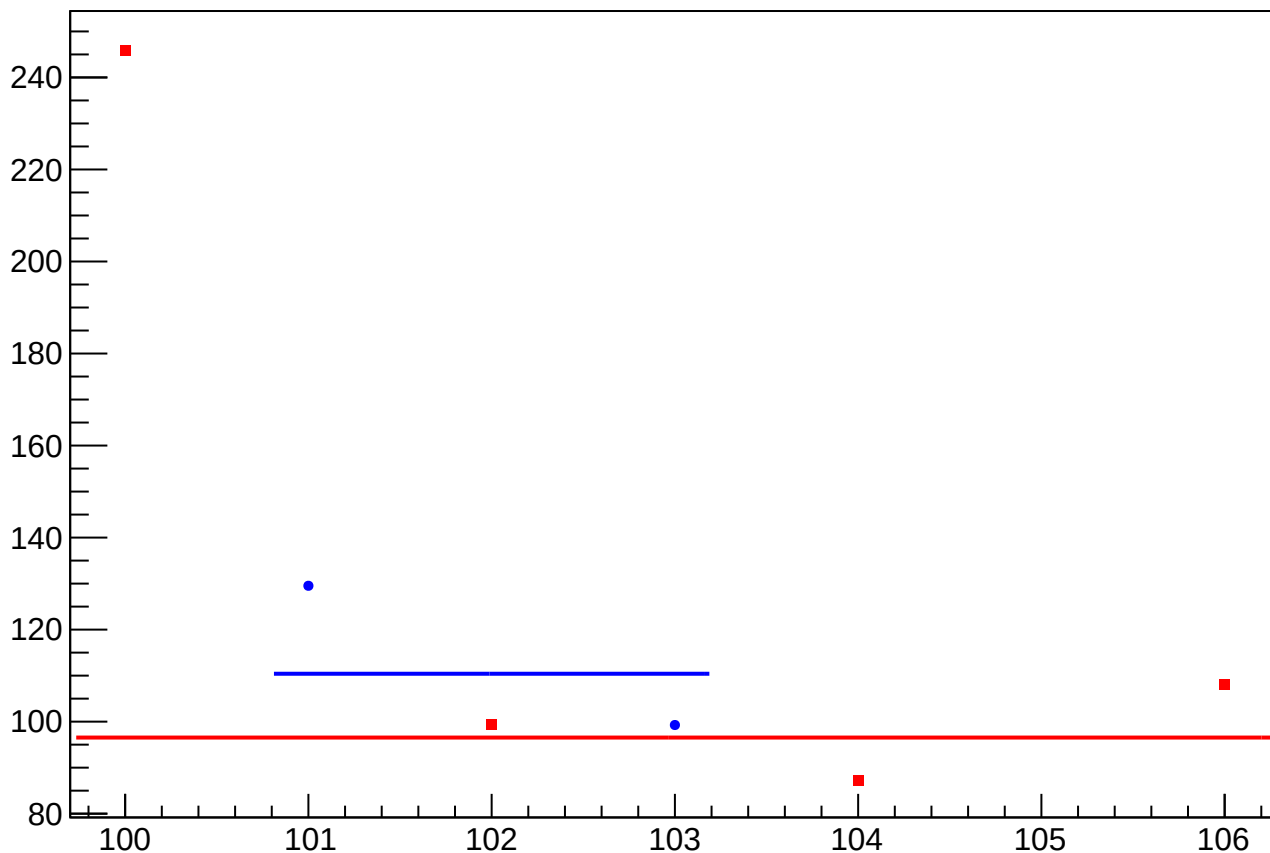
Right: 0.064+/-0.064 χ^2/NDF : 11.2/5

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.064 χ^2/NDF : 11.2/5

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.542+/-0.058 χ^2/NDF : 69787.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

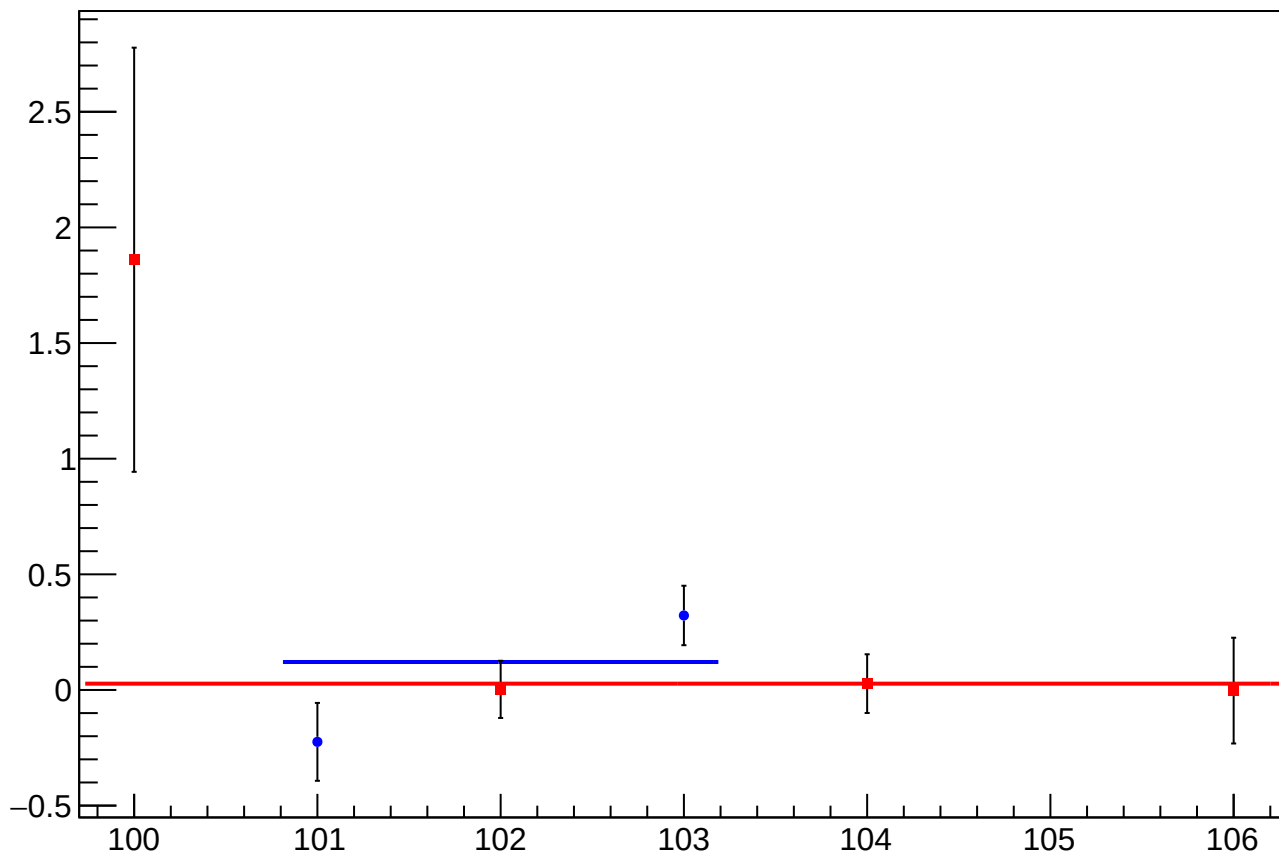
Right: 101.997+/-0.045 χ^2/NDF : 132956.3/5

In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.997+/-0.045 χ^2/NDF : 132956.3/5

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.082 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

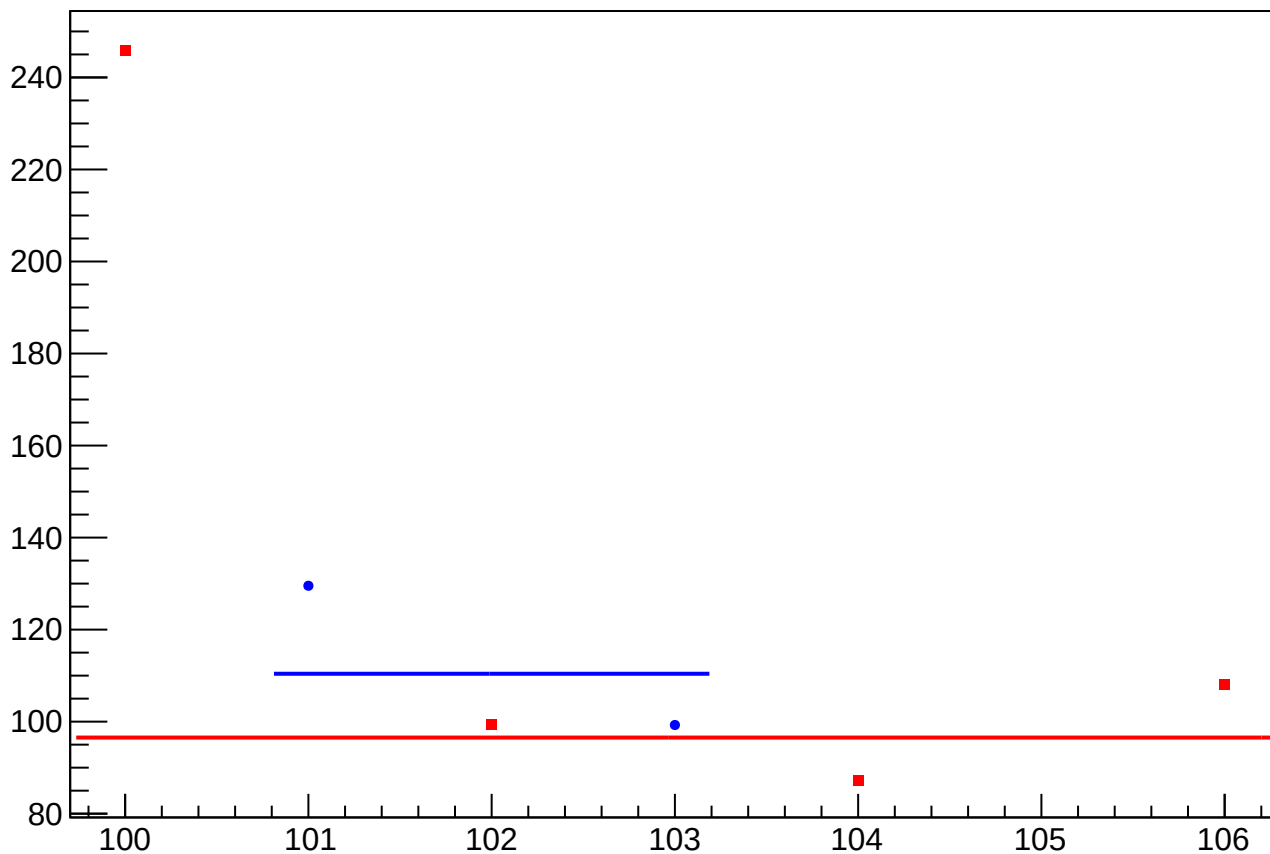
Right: 0.064+/-0.064 χ^2/NDF : 11.2/5

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.064 χ^2/NDF : 11.2/5

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.409 $\pm$ 0.072 χ^2 /NDF: 40813.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.542 $\pm$ 0.058 χ^2 /NDF: 69787.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

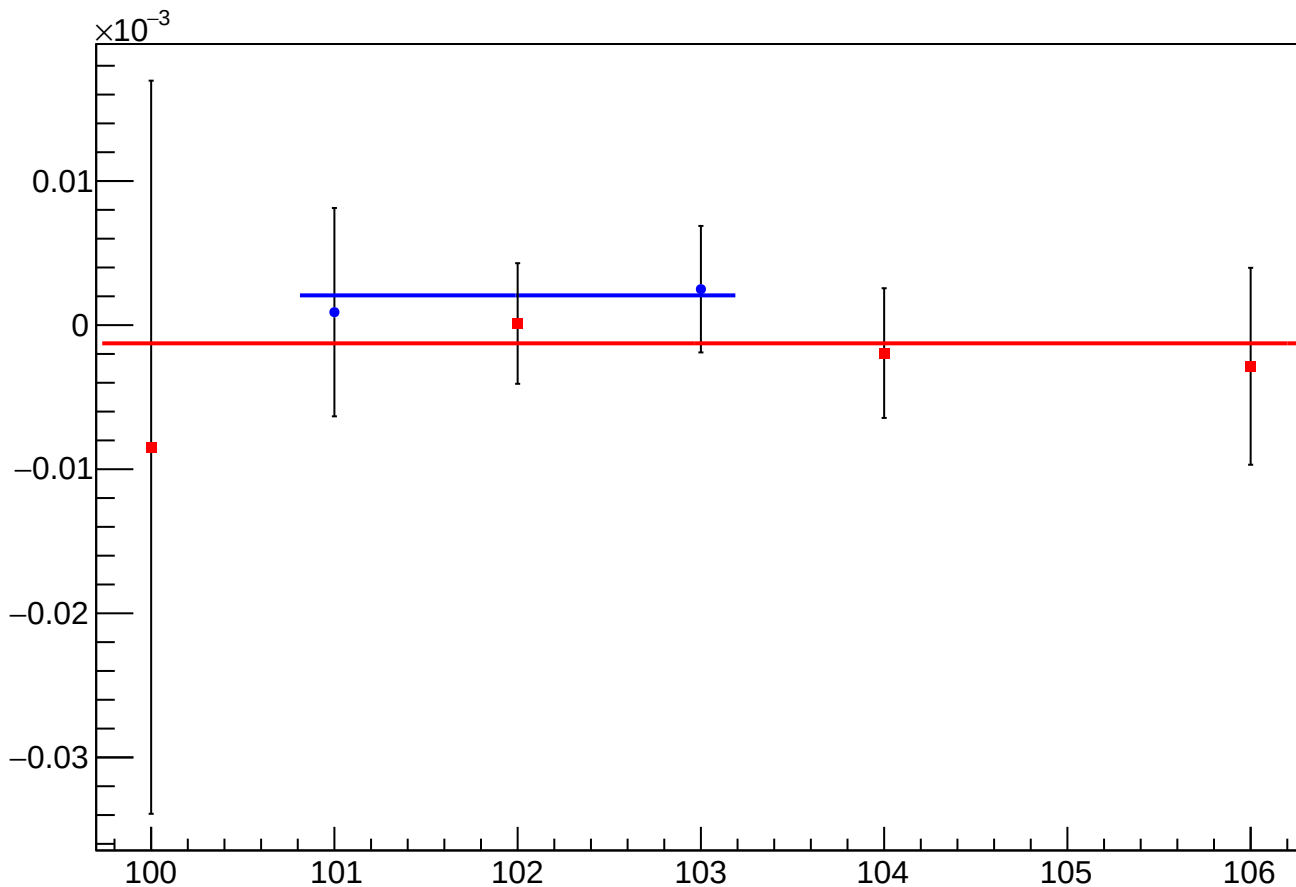
Right: 101.997 $\pm$ 0.045 χ^2 /NDF: 132956.3/5

In: 110.409 $\pm$ 0.072 χ^2 /NDF:40813.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.997 $\pm$ 0.045 χ^2 /NDF: 132956.3/5

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

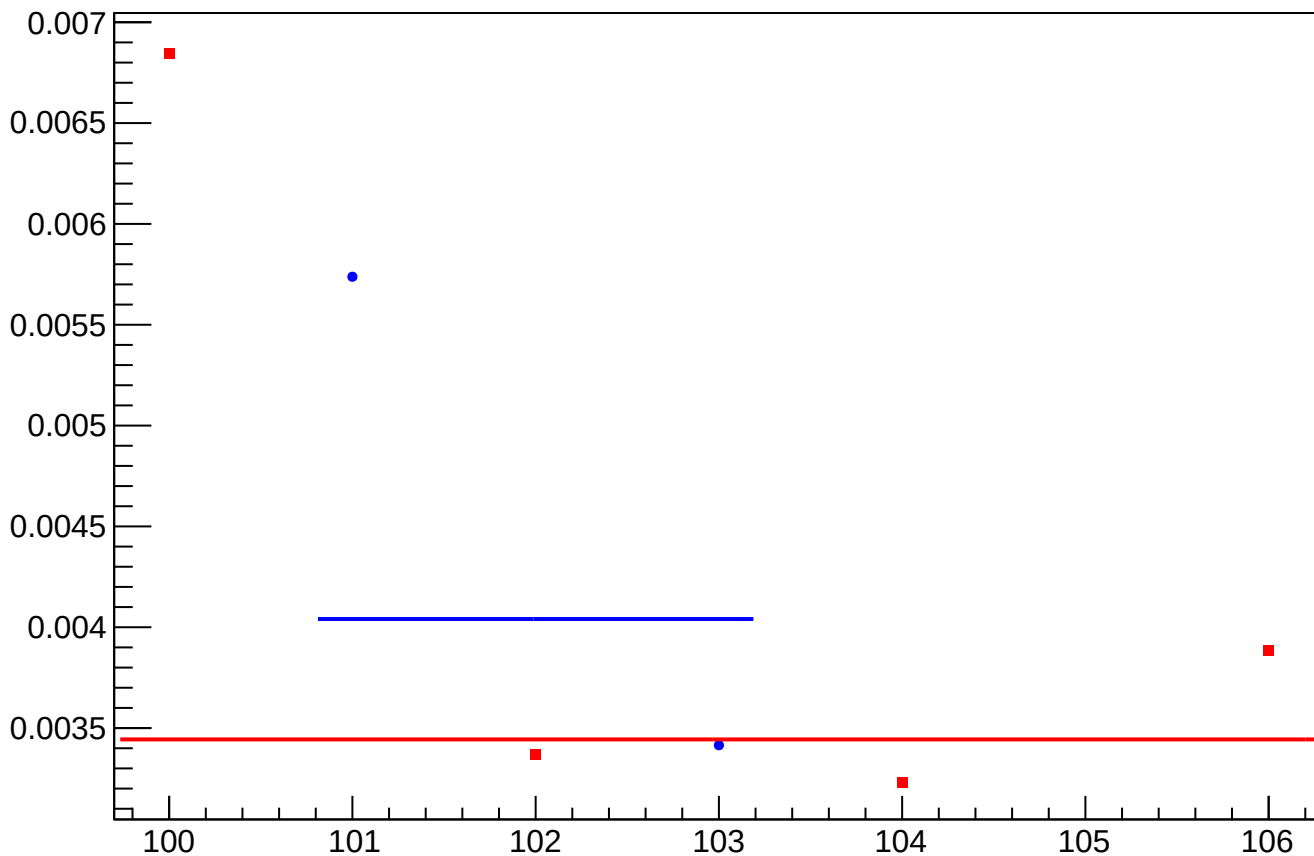
Right: -0.000+/-0.000 χ^2/NDF : 0.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 0.8/5

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 150865.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 49072.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

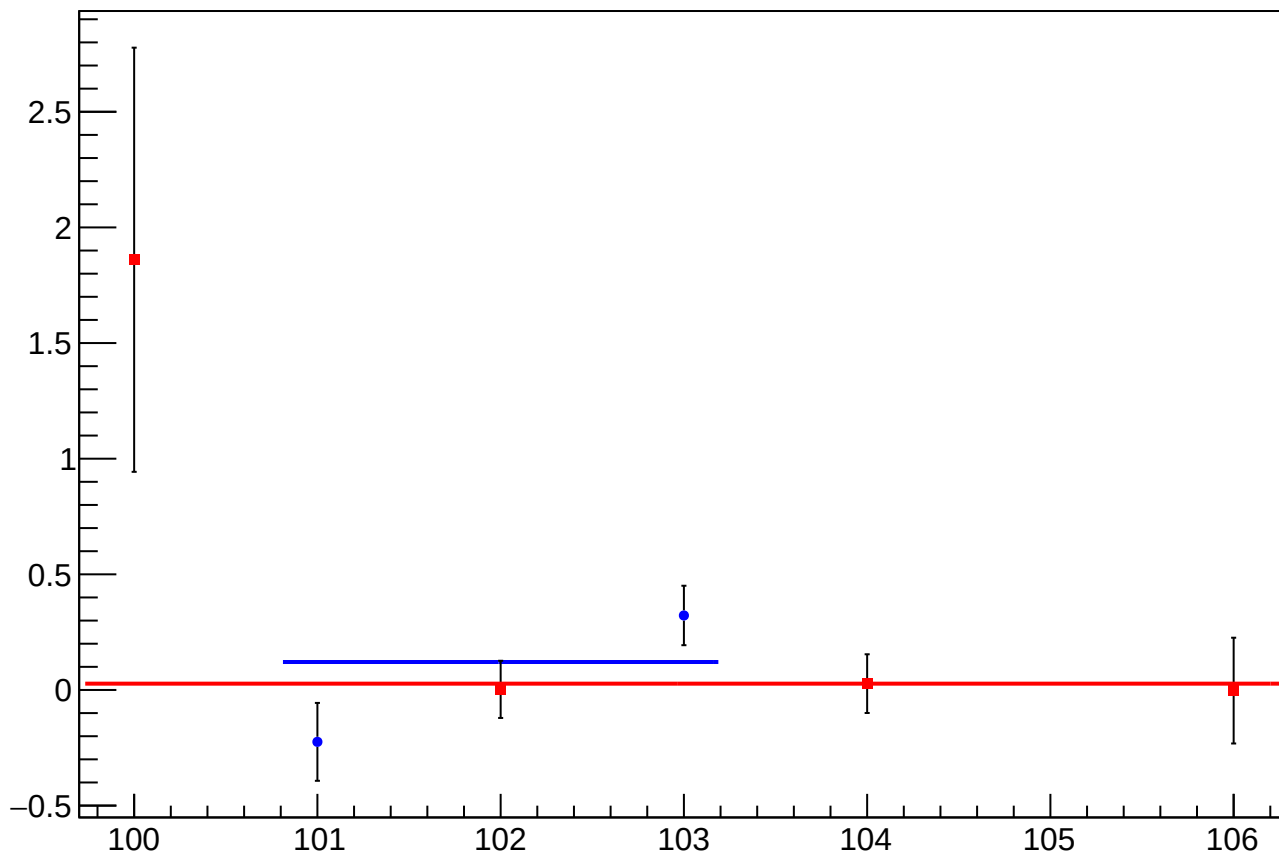
Right: 0.004+/-0.000 χ^2/NDF : 232635.4/5

In: 0.004+/-0.000 χ^2/NDF : 150865.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 232635.4/5

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.082 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

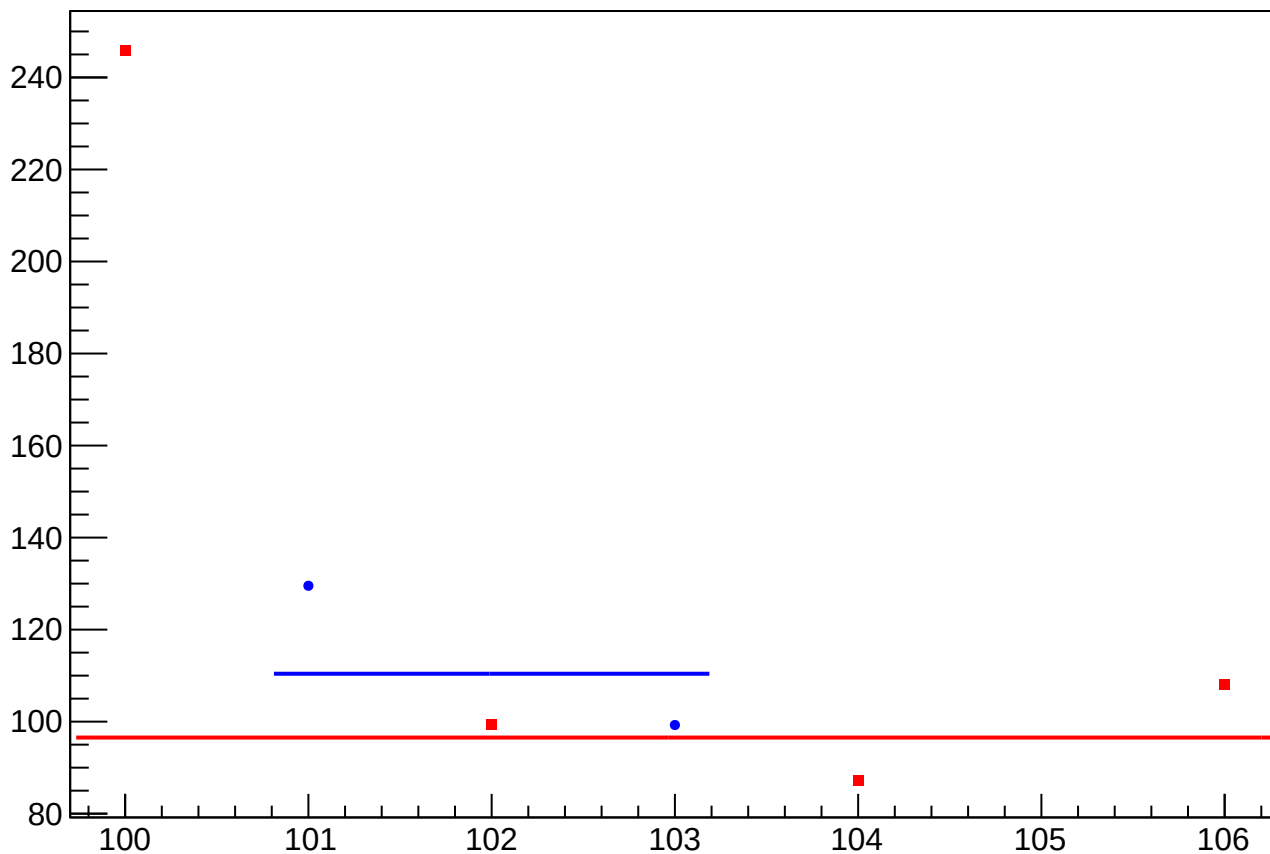
Right: 0.064+/-0.064 χ^2/NDF : 11.2/5

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.064 χ^2/NDF : 11.2/5

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.410 ± 0.072 χ^2/NDF : 40820.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 96.542 ± 0.058 χ^2/NDF : 69790.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

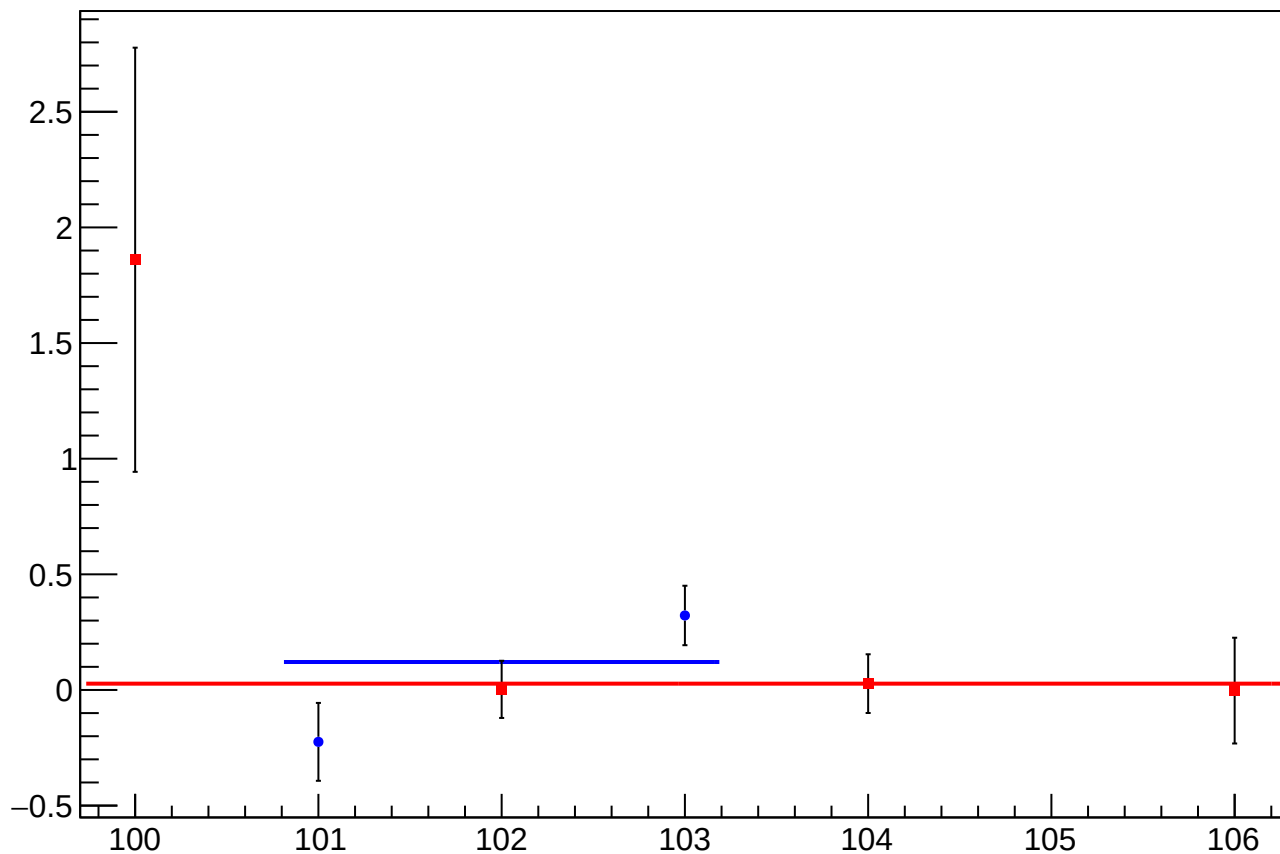
Right: 101.997 ± 0.045 χ^2/NDF : 132968.4/5

In: 110.410 ± 0.072 χ^2/NDF : 40820.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 101.997 ± 0.045 χ^2/NDF : 132968.4/5

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.082 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

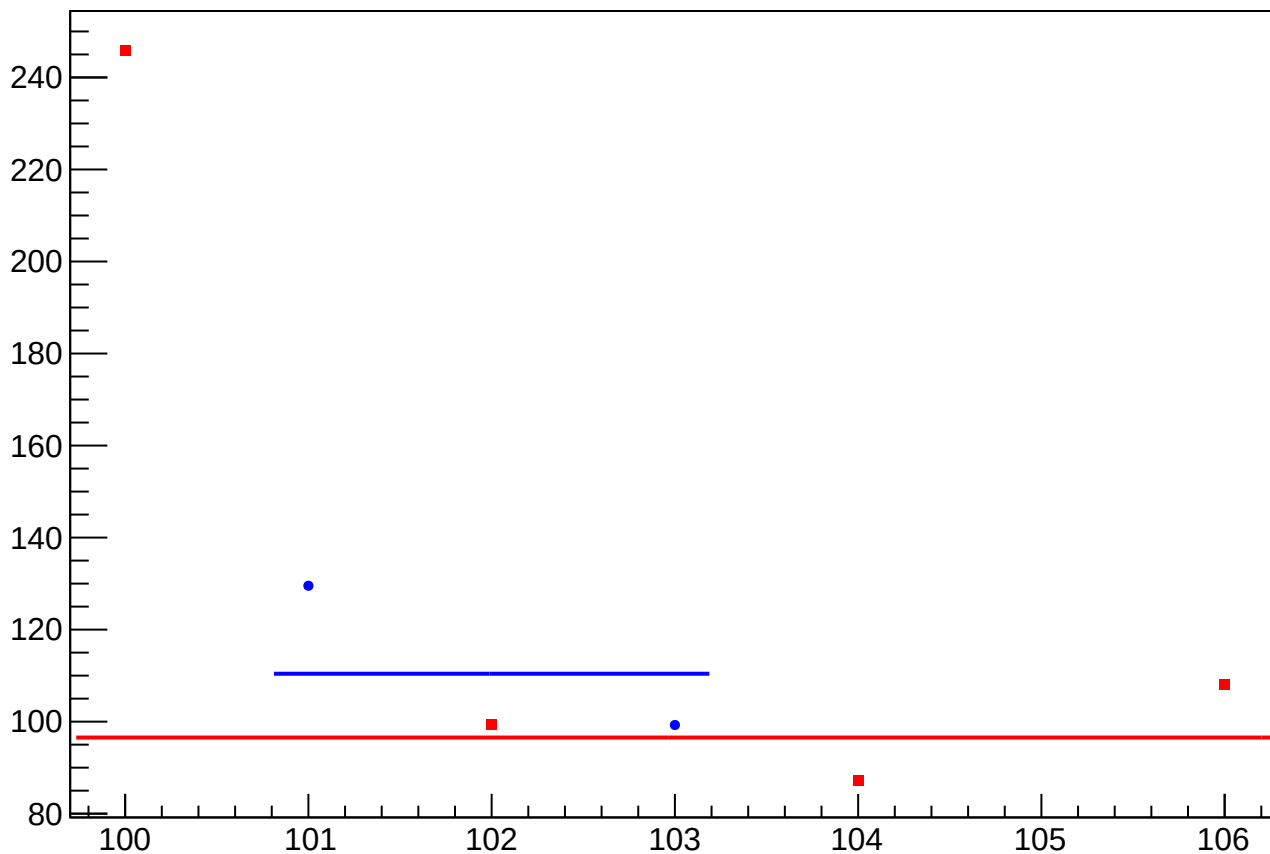
Right: 0.064+/-0.064 χ^2/NDF : 11.2/5

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.064 χ^2/NDF : 11.2/5

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.410+/-0.072 χ^2/NDF : 40820.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.542+/-0.058 χ^2/NDF : 69790.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

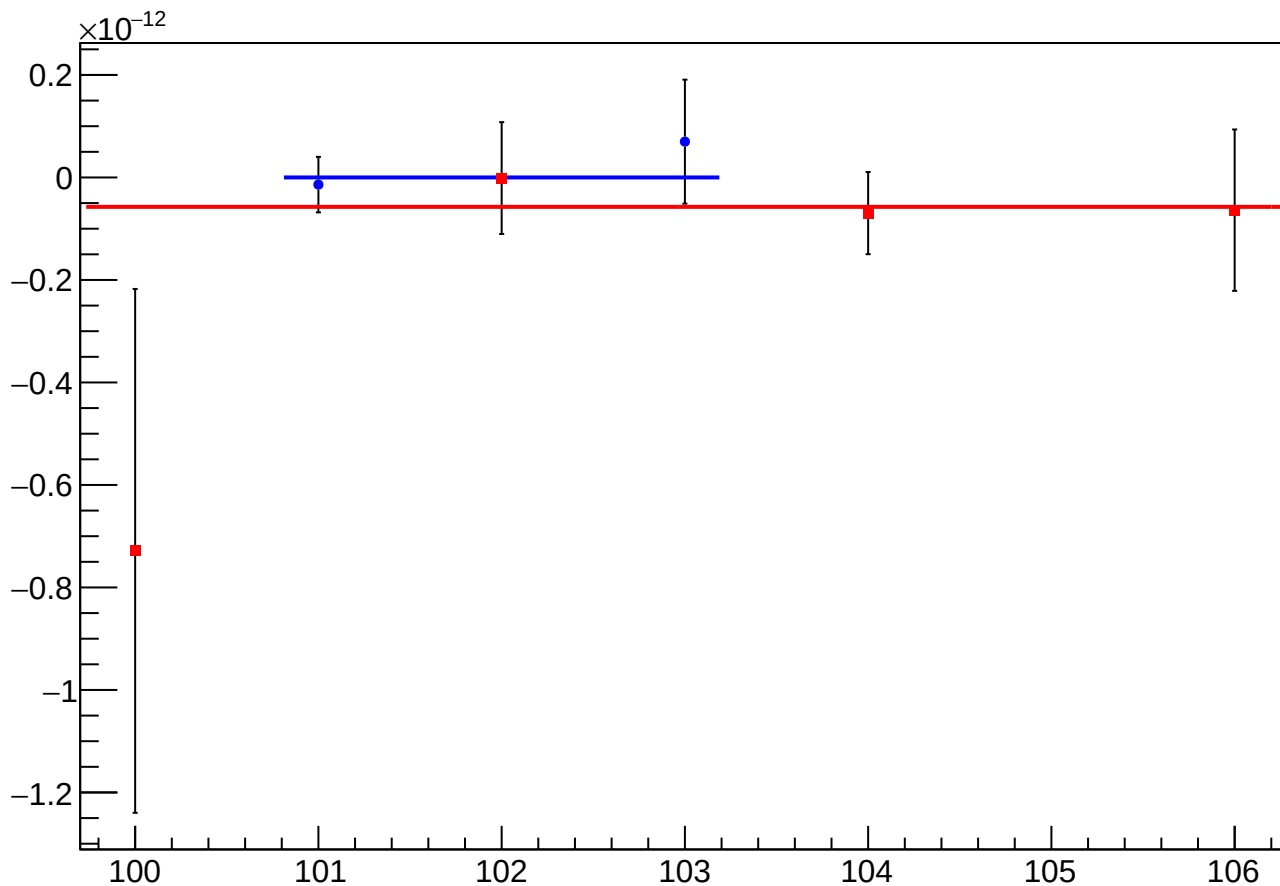
Right: 101.997+/-0.045 χ^2/NDF : 132968.4/5

In: 110.410+/-0.072 χ^2/NDF : 40820.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.997+/-0.045 χ^2/NDF : 132968.4/5

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

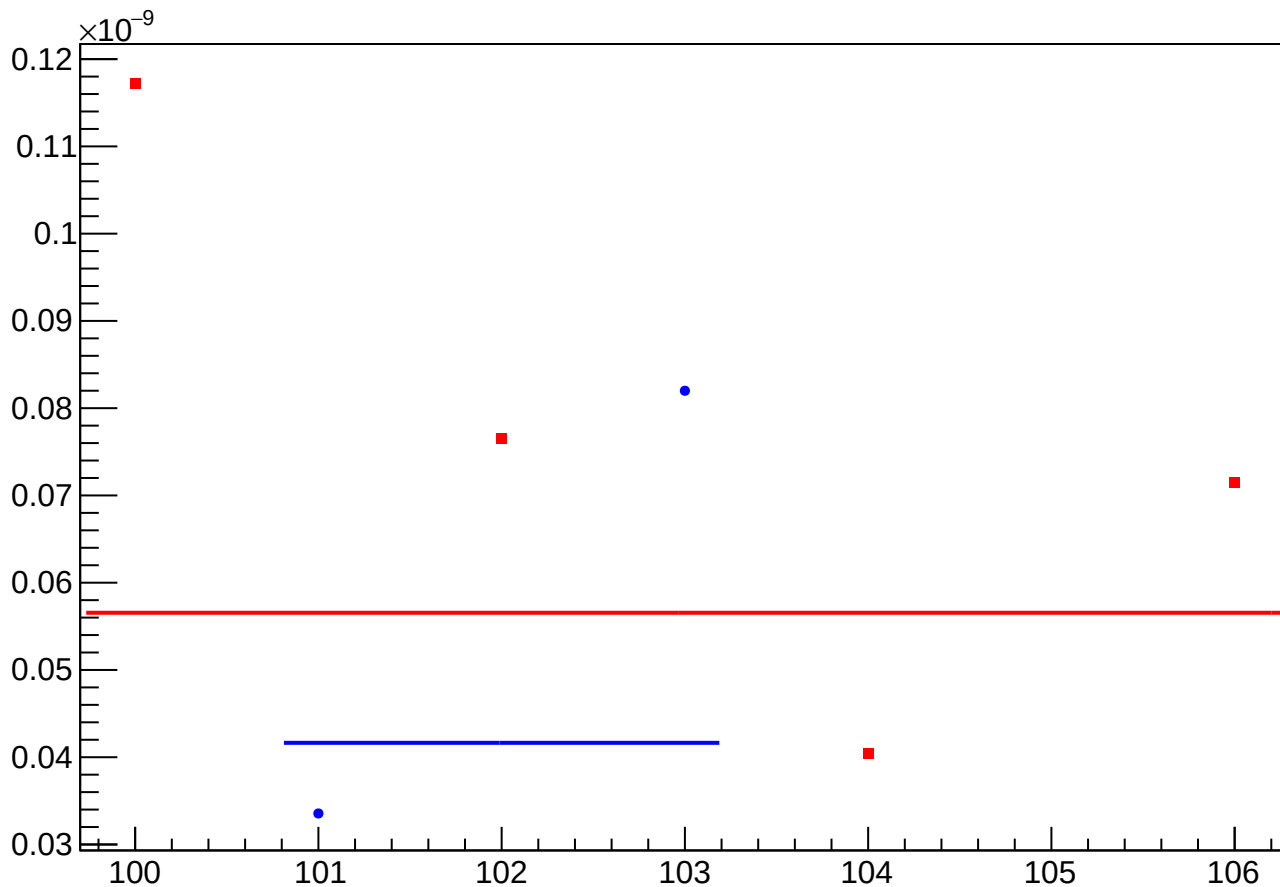
Right: -0.000+/-0.000 χ^2/NDF : 3.0/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.0/5

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 267220.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 194830.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

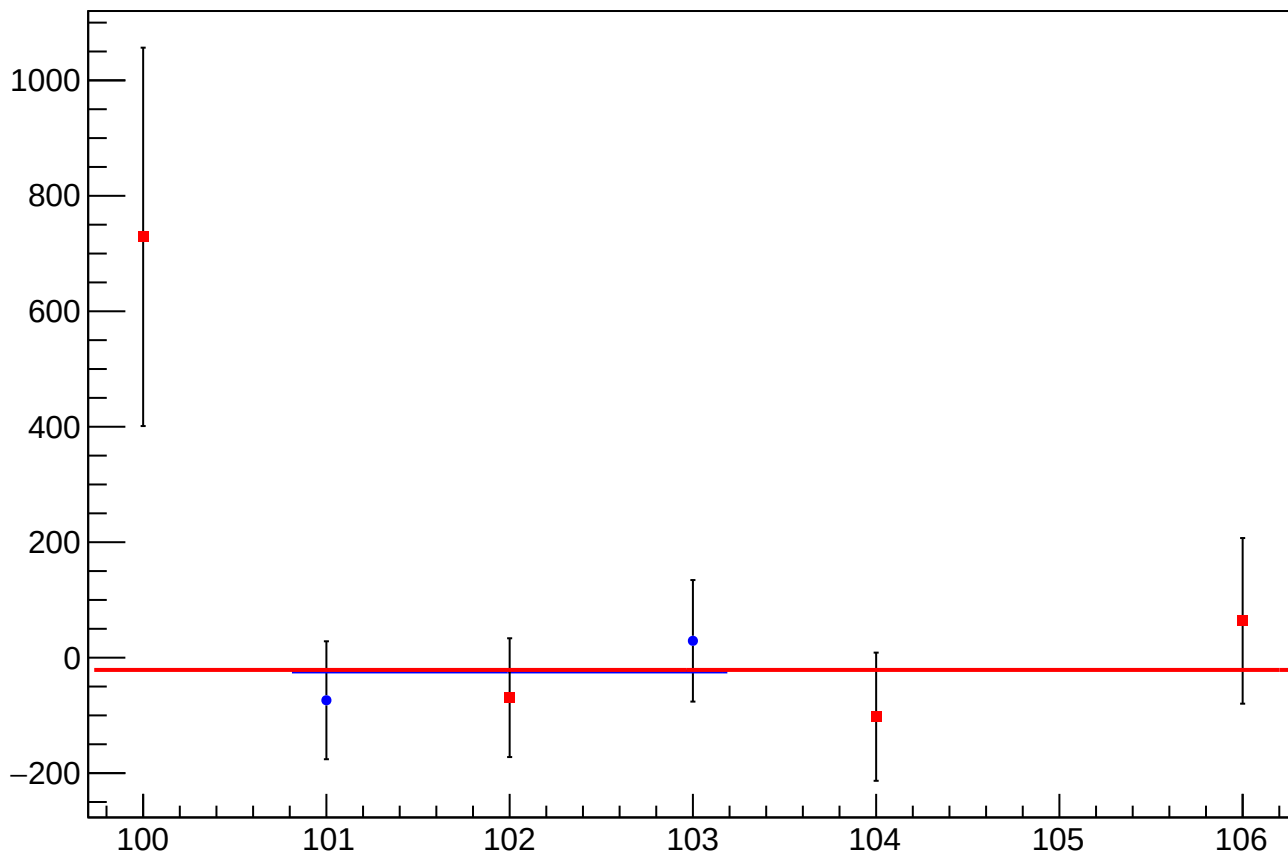
Right: 0.000+/-0.000 χ^2/NDF : 536477.3/5

In: 0.000+/-0.000 χ^2/NDF : 267220.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 536477.3/5

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.852+/-73.312 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.235+/-65.439 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

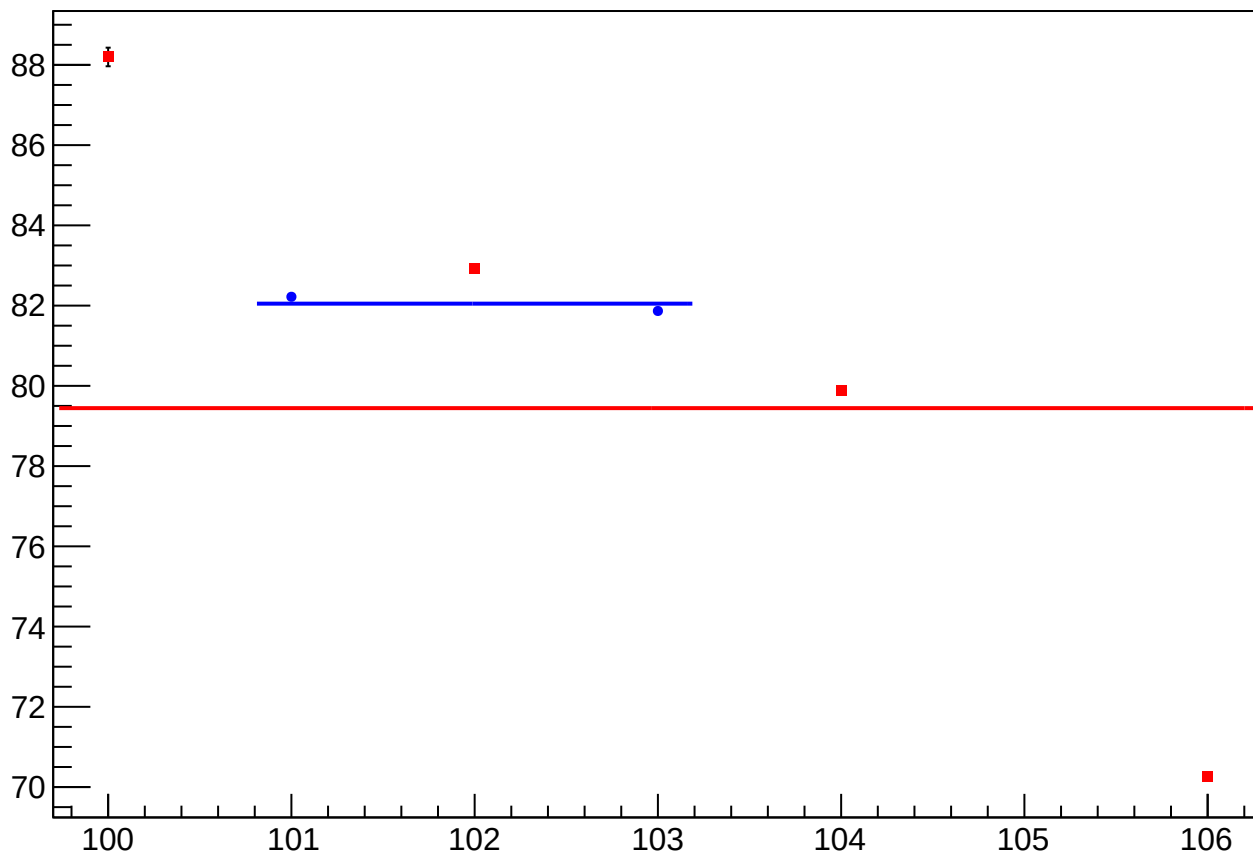
Right: -22.396+/-48.819 χ^2/NDF : 6.8/5

In: -23.852+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.396+/-48.819 χ^2/NDF : 6.8/5

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049 $\pm$ 0.052 χ^2 /NDF: 11.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.445 $\pm$ 0.046 χ^2 /NDF: 11962.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

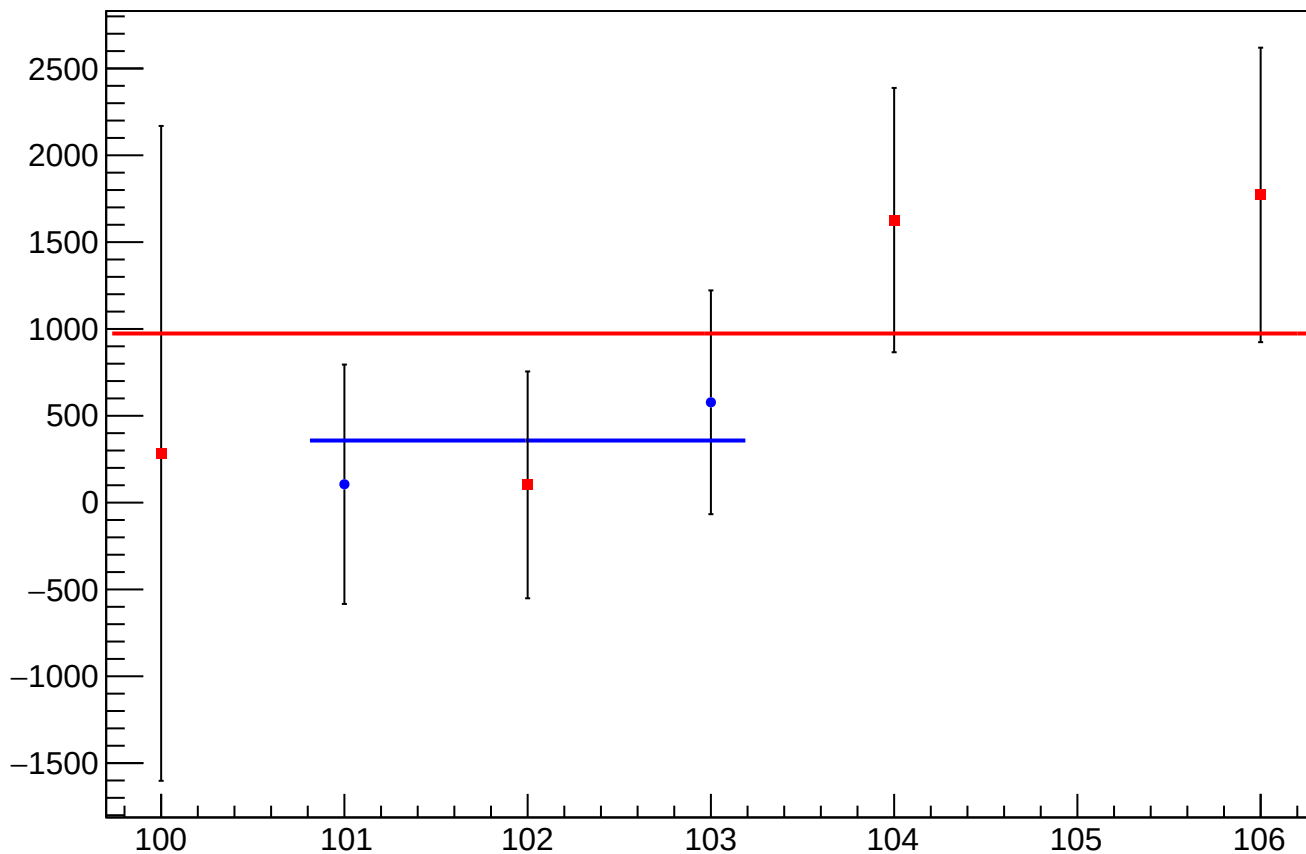
Right: 80.599 $\pm$ 0.035 χ^2 /NDF: 13378.6/5

In: 82.049 $\pm$ 0.052 χ^2 /NDF: 11.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.599 $\pm$ 0.035 χ^2 /NDF: 13378.6/5

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 357.585+/-470.675 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 973.822+/-417.279 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

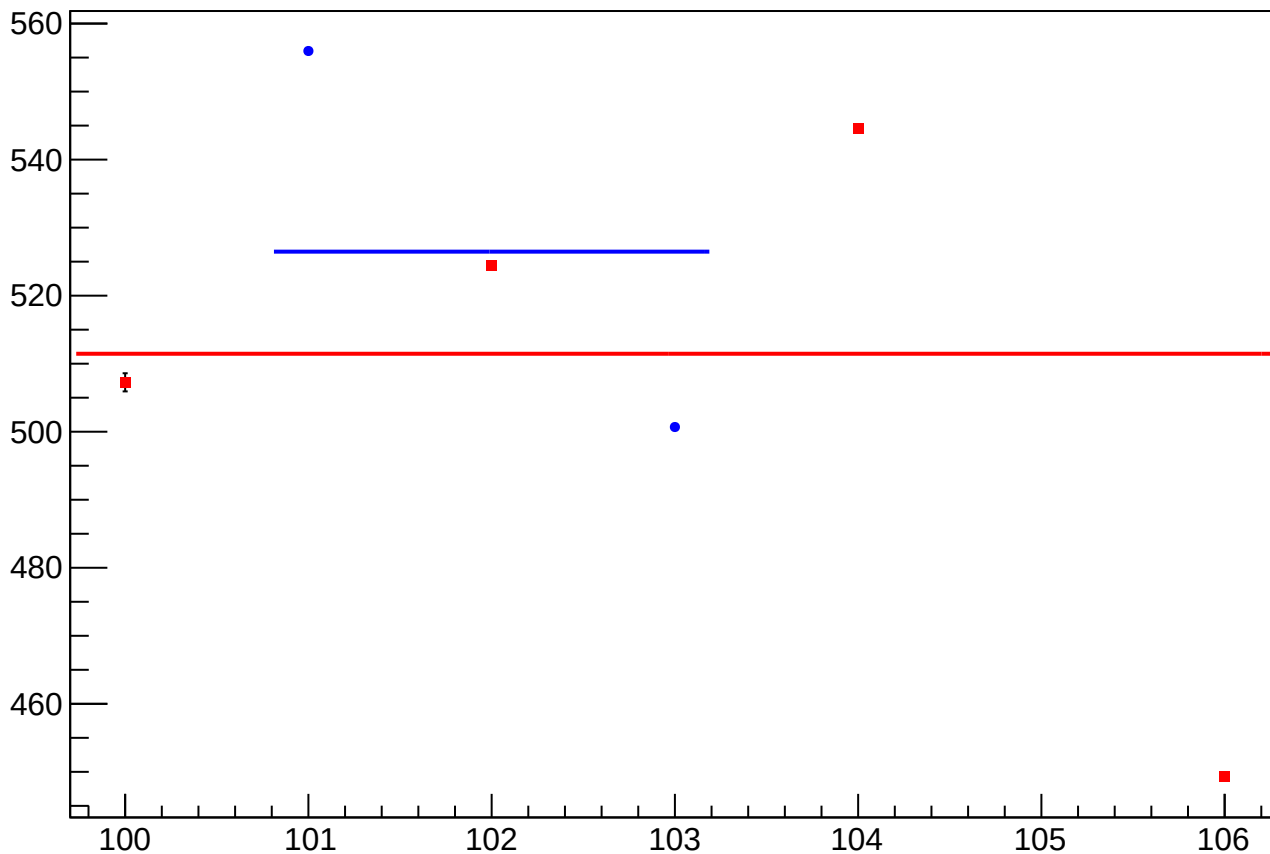
Right: 702.626+/-312.240 χ^2/NDF : 4.7/5

In: 357.585+/-470.675 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.626+/-312.240 χ^2/NDF : 4.7/5

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 526.471 $\pm$ 0.333 χ^2 /NDF: 6865.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 511.460 $\pm$ 0.295 χ^2 /NDF: 15343.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

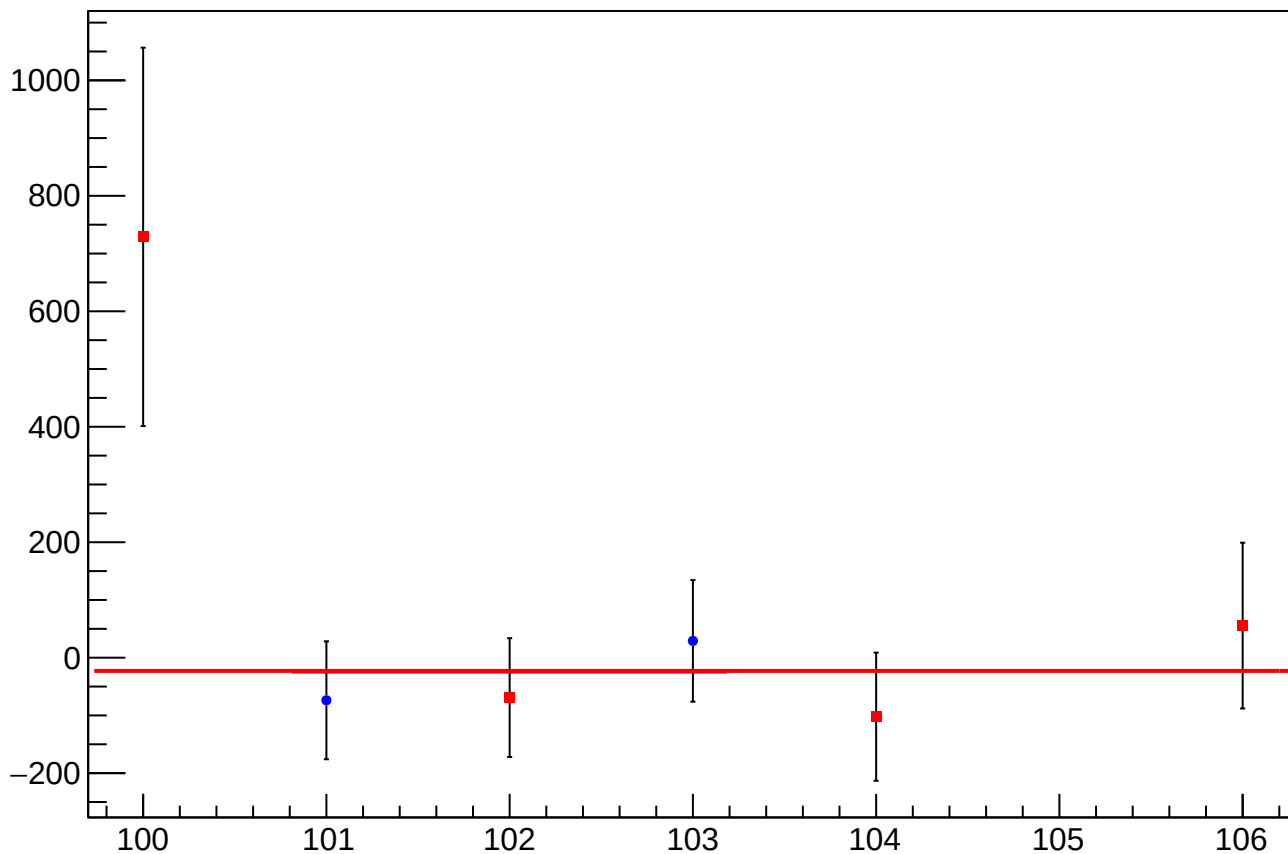
Right: 518.066 $\pm$ 0.221 χ^2 /NDF: 23347.2/5

In: 526.471 $\pm$ 0.333 χ^2 /NDF:6865.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 518.066 $\pm$ 0.221 χ^2 /NDF: 23347.2/5

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.877+/-65.453 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

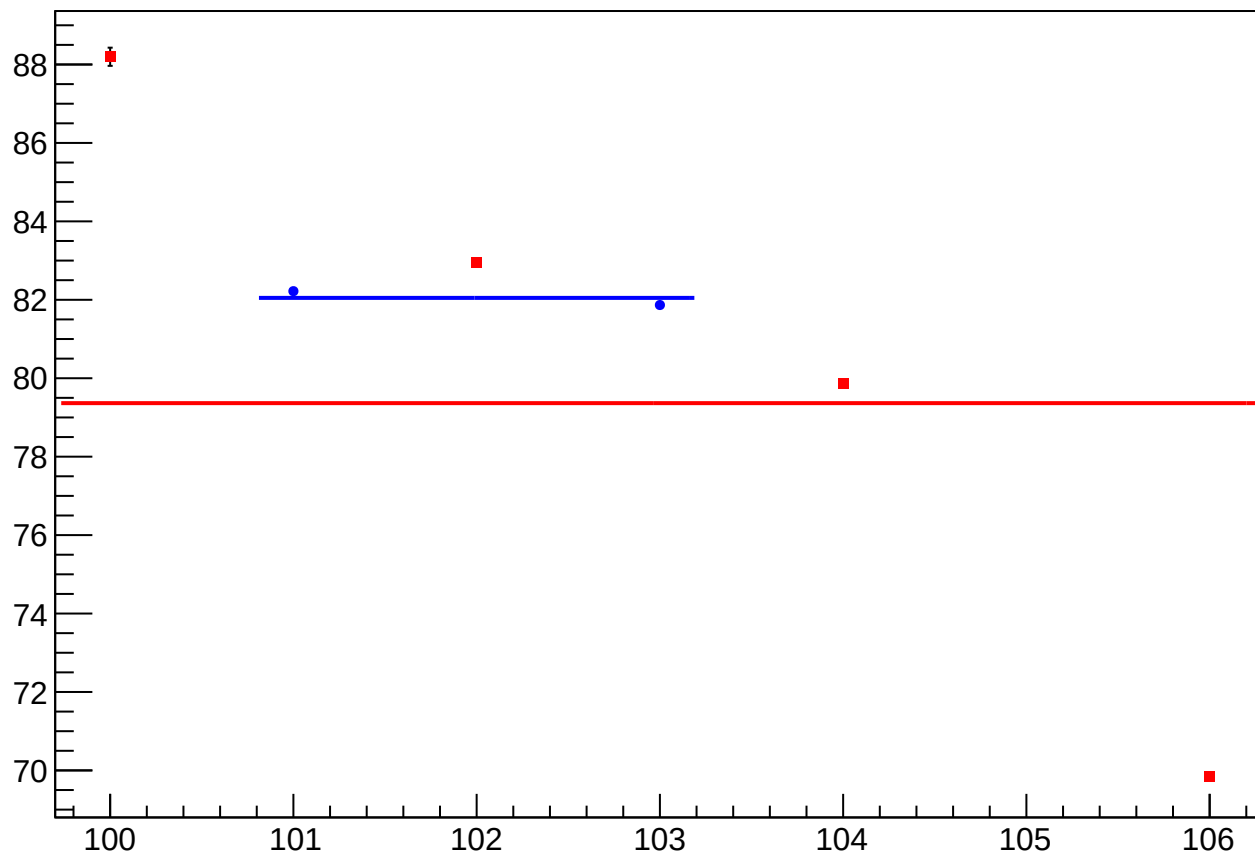
Right: -23.324+/-48.825 χ^2/NDF : 6.8/5

In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.324+/-48.825 χ^2/NDF : 6.8/5

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049 ± 0.052 $\chi^2/\text{NDF}: 11.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 79.365 ± 0.046 $\chi^2/\text{NDF}: 12734.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

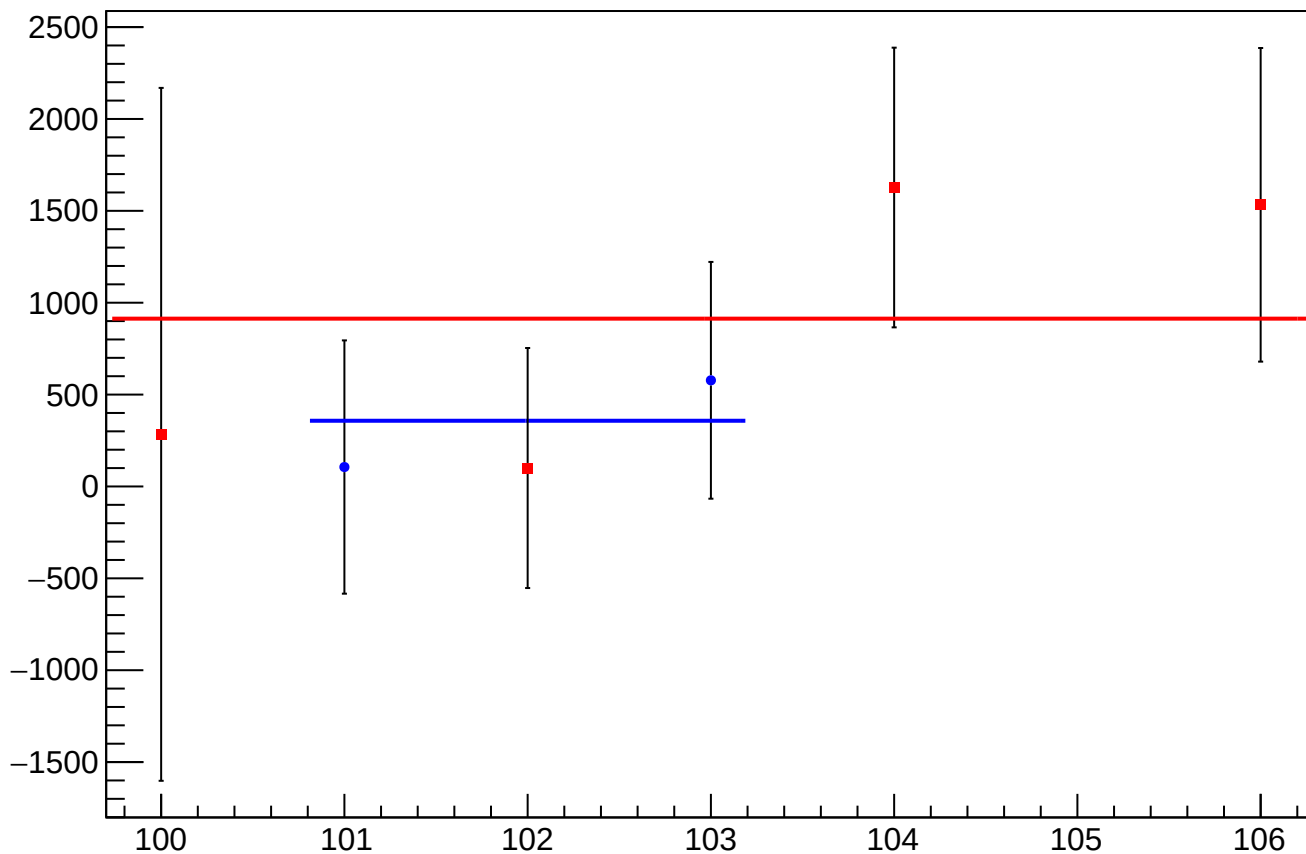
Right: 80.555 ± 0.035 $\chi^2/\text{NDF}: 14237.6/5$

In: 82.049 ± 0.052 $\chi^2/\text{NDF}: 11.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 80.555 ± 0.035 $\chi^2/\text{NDF}: 14237.6/5$

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.281+/-417.940 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

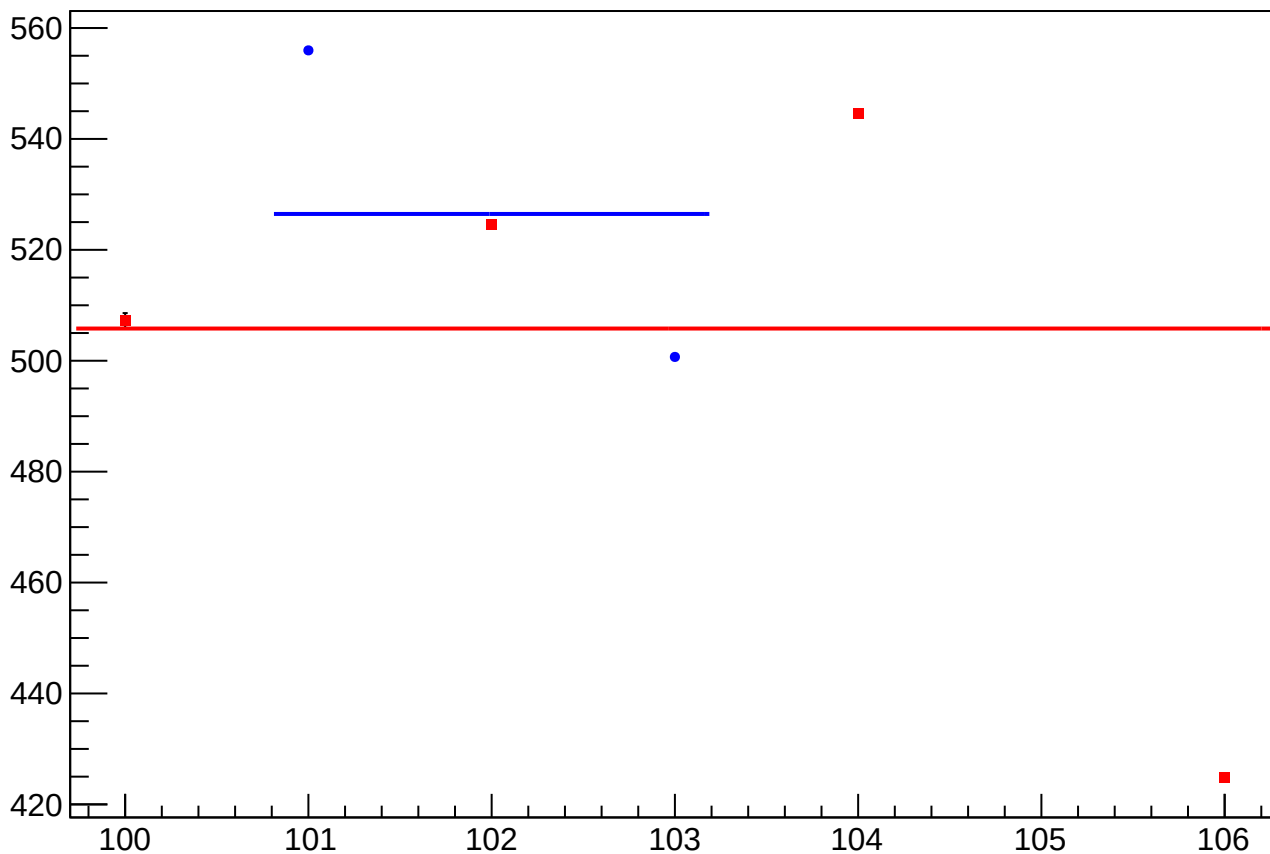
Right: 668.292+/-312.516 χ^2/NDF : 4.1/5

In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.292+/-312.516 χ^2/NDF : 4.1/5

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470 $\pm$ 0.333 χ^2 /NDF: 6865.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 505.807 $\pm$ 0.296 χ^2 /NDF: 24823.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

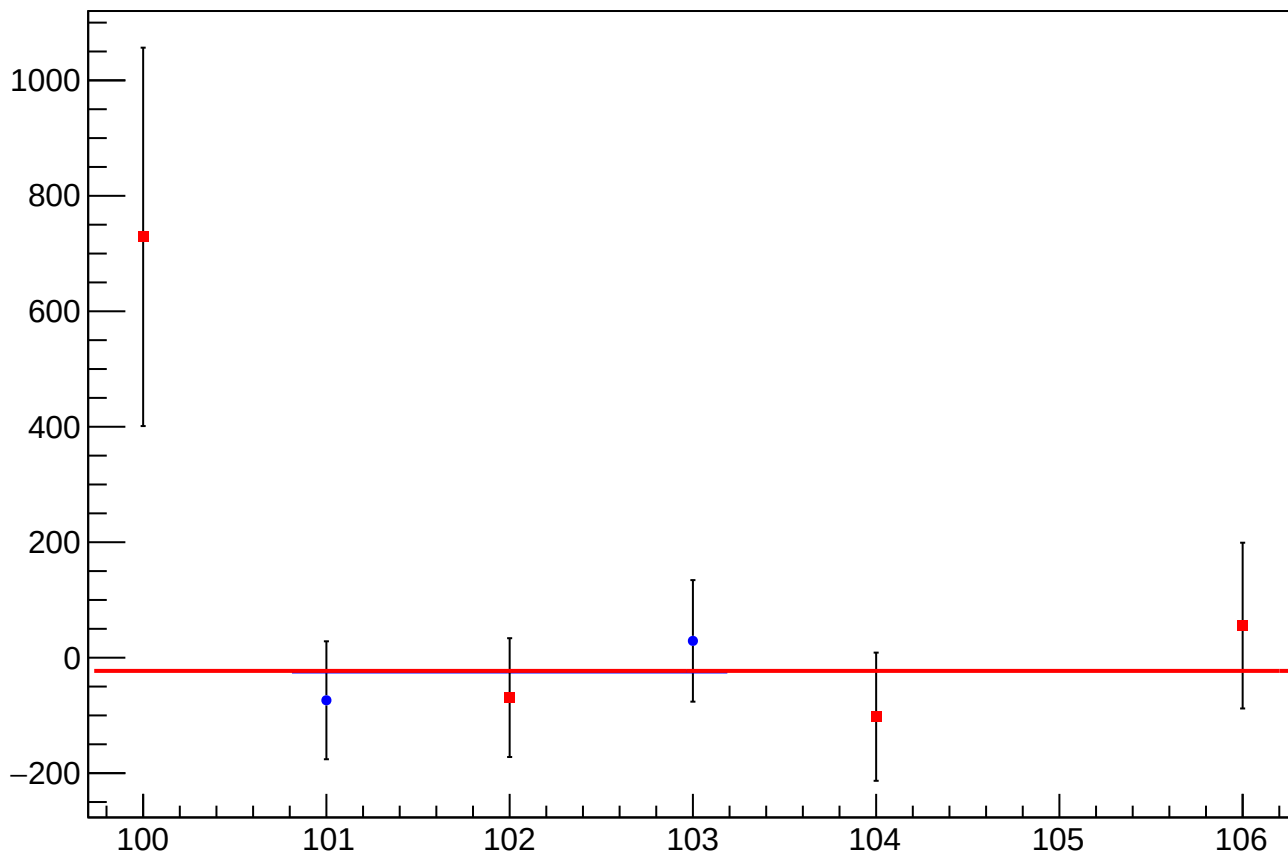
Right: 514.917 $\pm$ 0.221 χ^2 /NDF: 33844.4/5

In: 526.470 $\pm$ 0.333 χ^2 /NDF:6865.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.917 $\pm$ 0.221 χ^2 /NDF: 33844.4/5

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.877+/-65.453 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

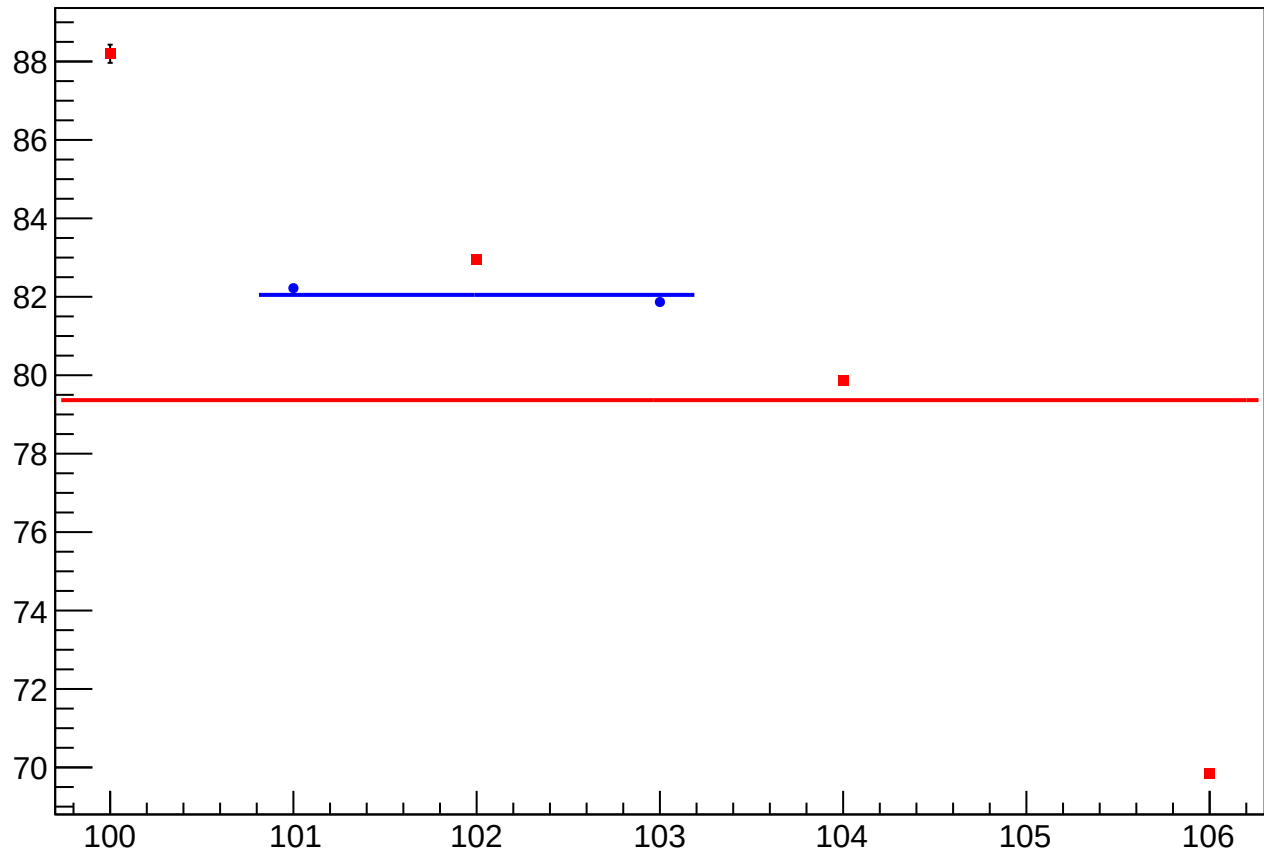
Right: -23.324+/-48.825 χ^2/NDF : 6.8/5

In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.324+/-48.825 χ^2/NDF : 6.8/5

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 82.049+/-0.052 χ^2/NDF : 11.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.365+/-0.046 χ^2/NDF : 12734.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

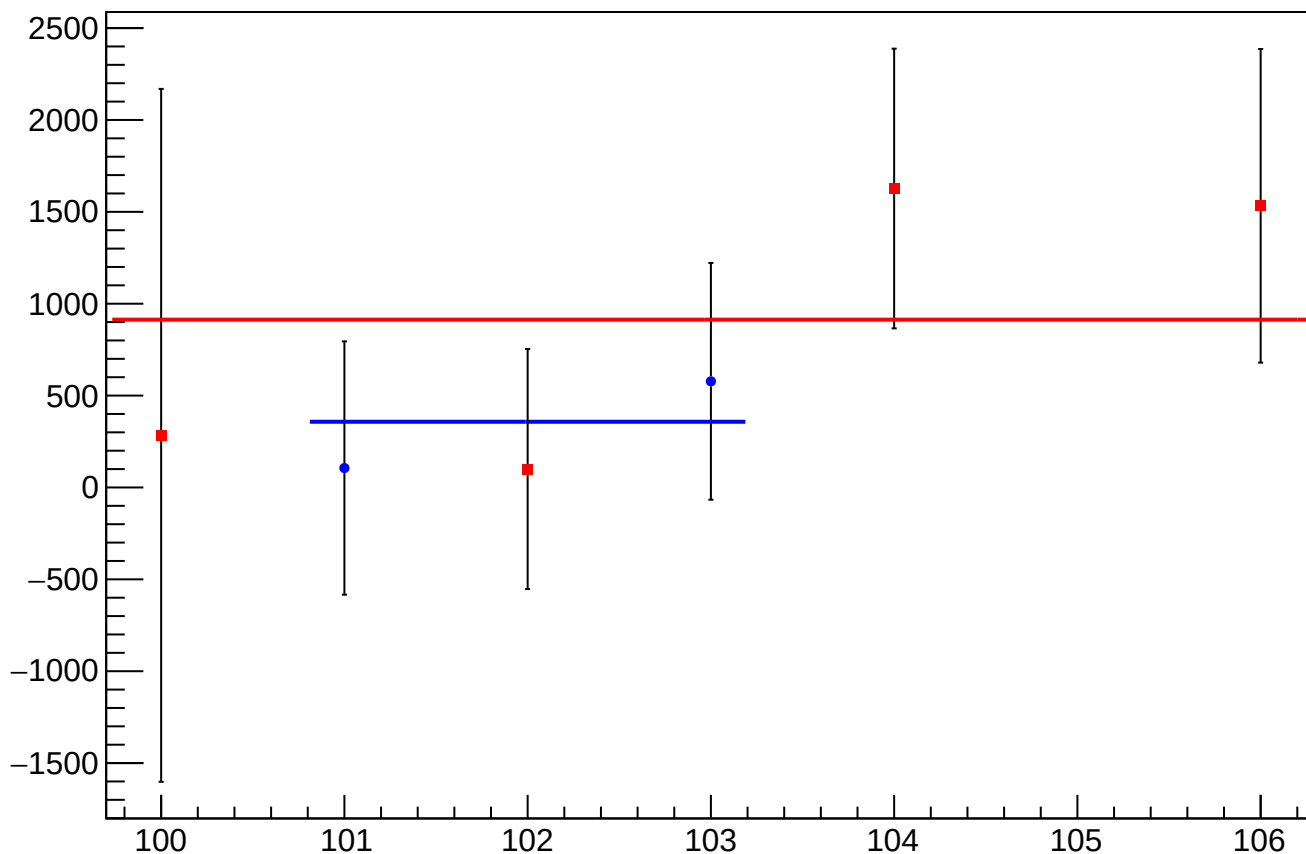
Right: 80.555+/-0.035 χ^2/NDF : 14237.6/5

In: 82.049+/-0.052 χ^2/NDF : 11.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.555+/-0.035 χ^2/NDF : 14237.6/5

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 913.281+/-417.940 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

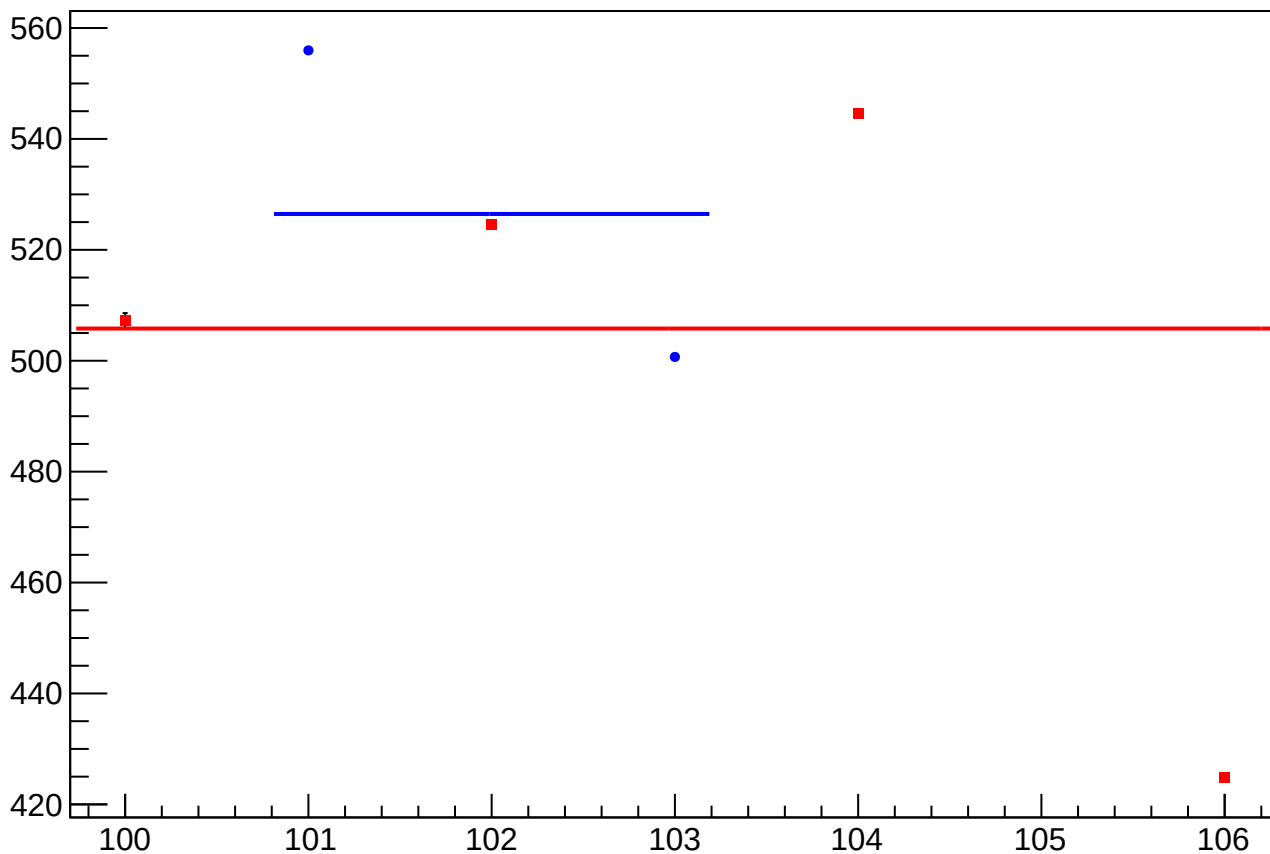
Right: 668.292+/-312.516 χ^2/NDF : 4.1/5

In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.292+/-312.516 χ^2/NDF : 4.1/5

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470 $\pm$ 0.333 χ^2 /NDF: 6865.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 505.807 $\pm$ 0.296 χ^2 /NDF: 24823.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

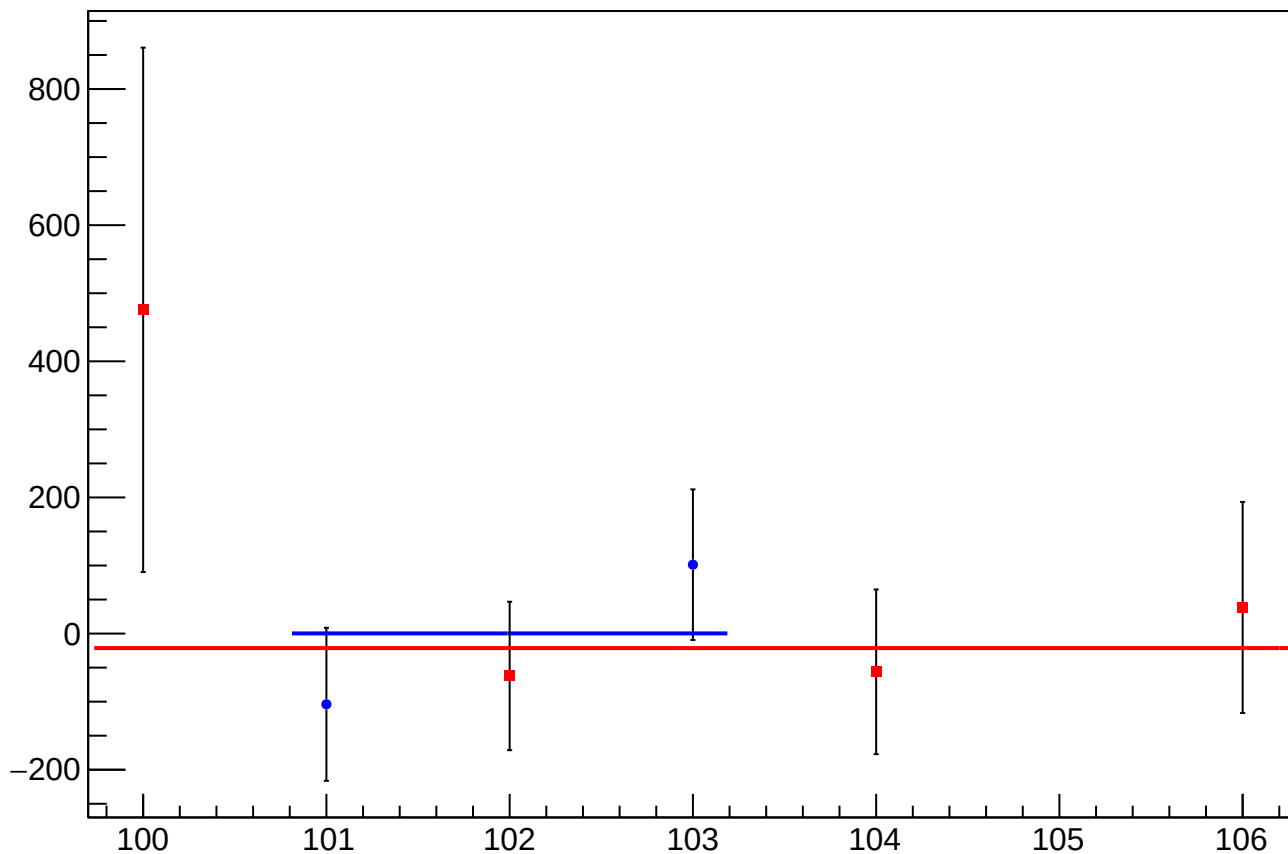
Right: 514.917 $\pm$ 0.221 χ^2 /NDF: 33844.4/5

In: 526.470 $\pm$ 0.333 χ^2 /NDF:6865.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 514.917 $\pm$ 0.221 χ^2 /NDF: 33844.4/5

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.274+/-78.837 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.281+/-70.561 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

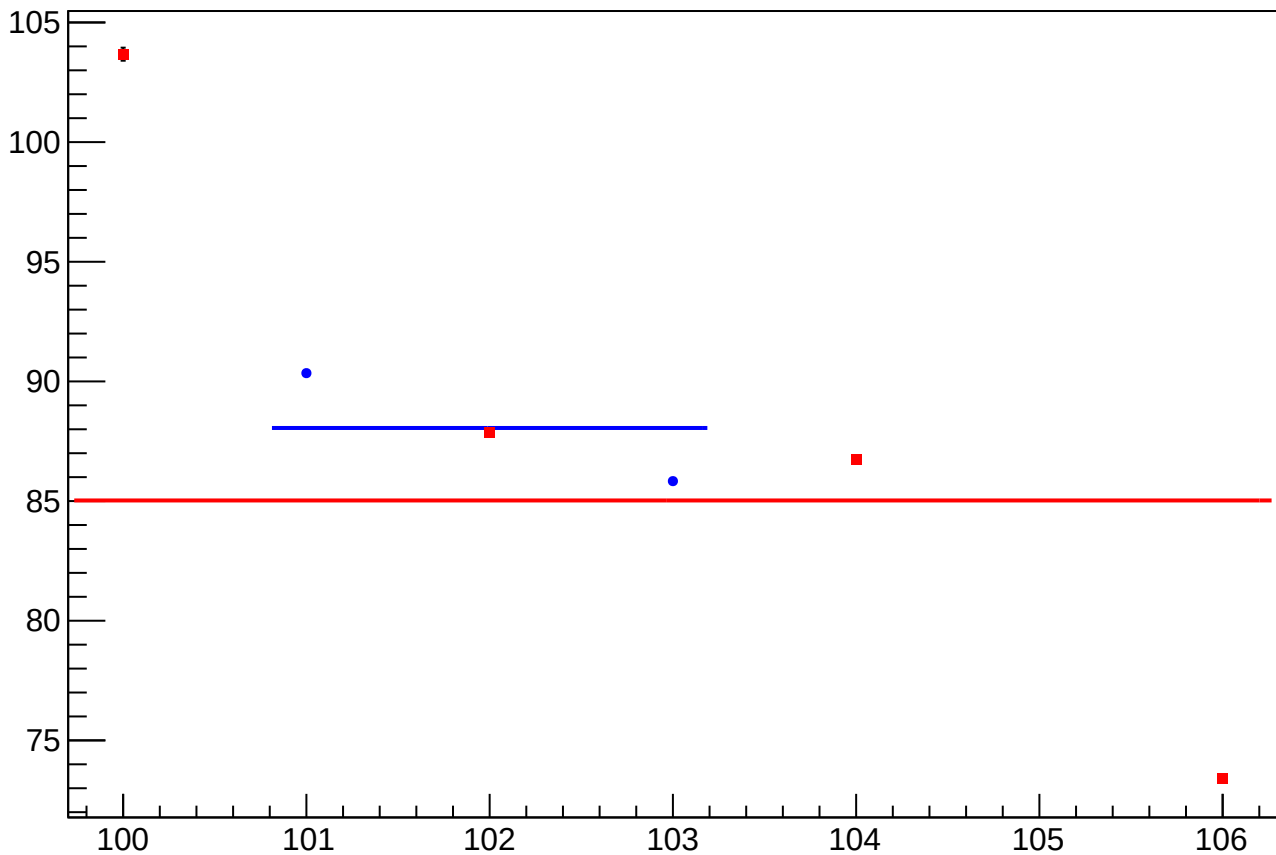
Right: -11.694+/-52.578 χ^2/NDF : 3.8/5

In: 0.274+/-78.837 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.694+/-52.578 χ^2/NDF : 3.8/5

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 88.055+/-0.056 χ^2/NDF : 1637.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.026+/-0.050 χ^2/NDF : 17658.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

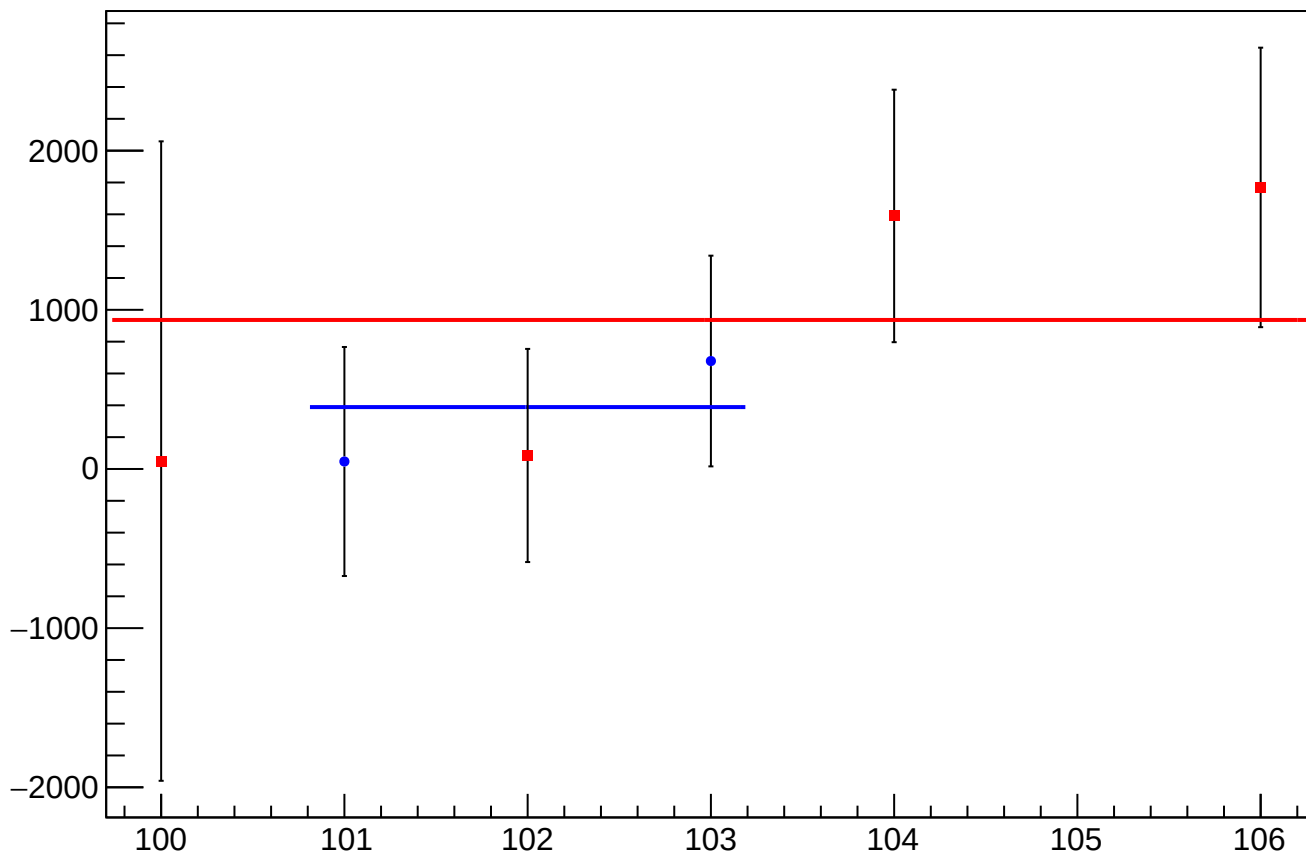
Right: 86.373+/-0.037 χ^2/NDF : 20935.3/5

In: 88.055+/-0.056 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.373+/-0.037 χ^2/NDF : 20935.3/5

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.884+/-487.159 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.304+/-431.754 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

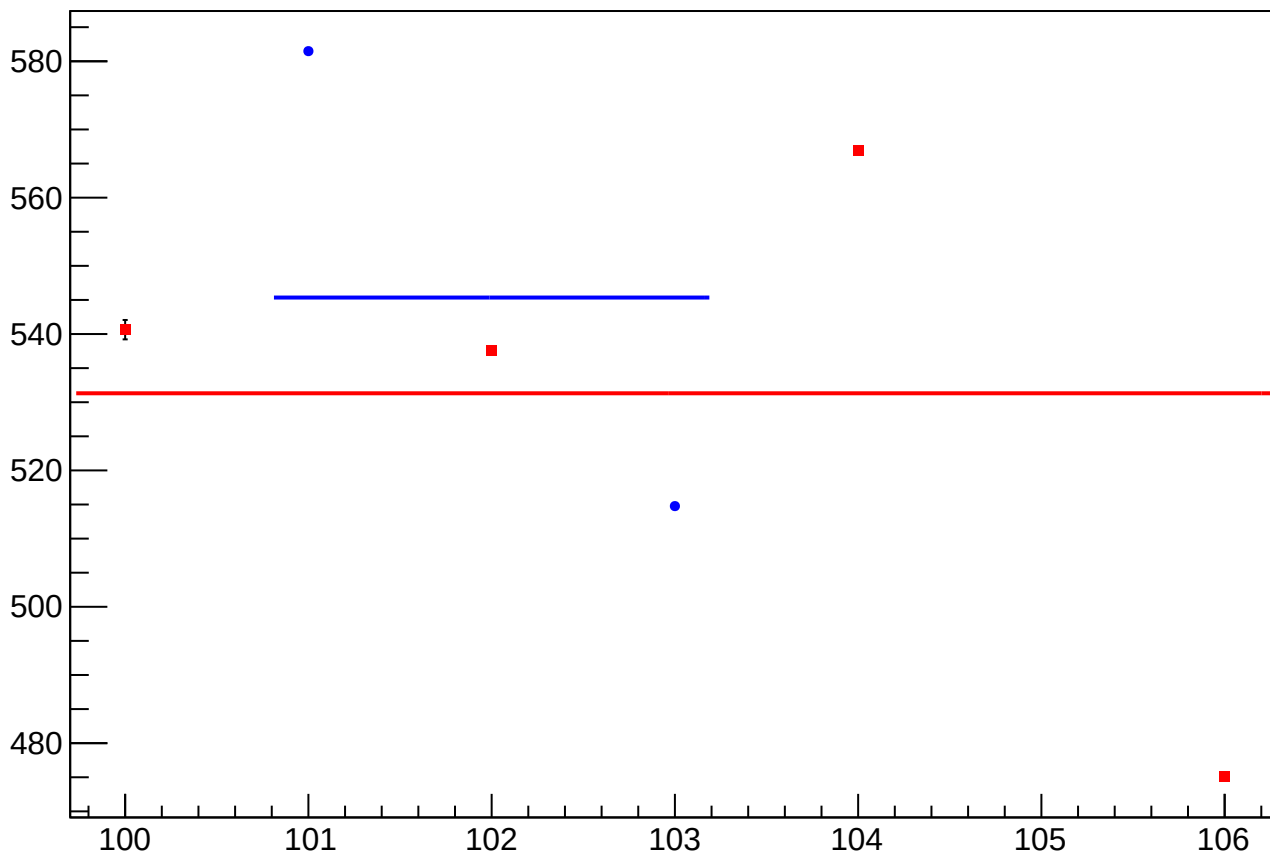
Right: 695.480+/-323.117 χ^2/NDF : 4.5/5

In: 388.884+/-487.159 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.480+/-323.117 χ^2/NDF : 4.5/5

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 545.352 $\pm$ 0.344 χ^2 /NDF: 9313.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 531.311 $\pm$ 0.305 χ^2 /NDF: 12449.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

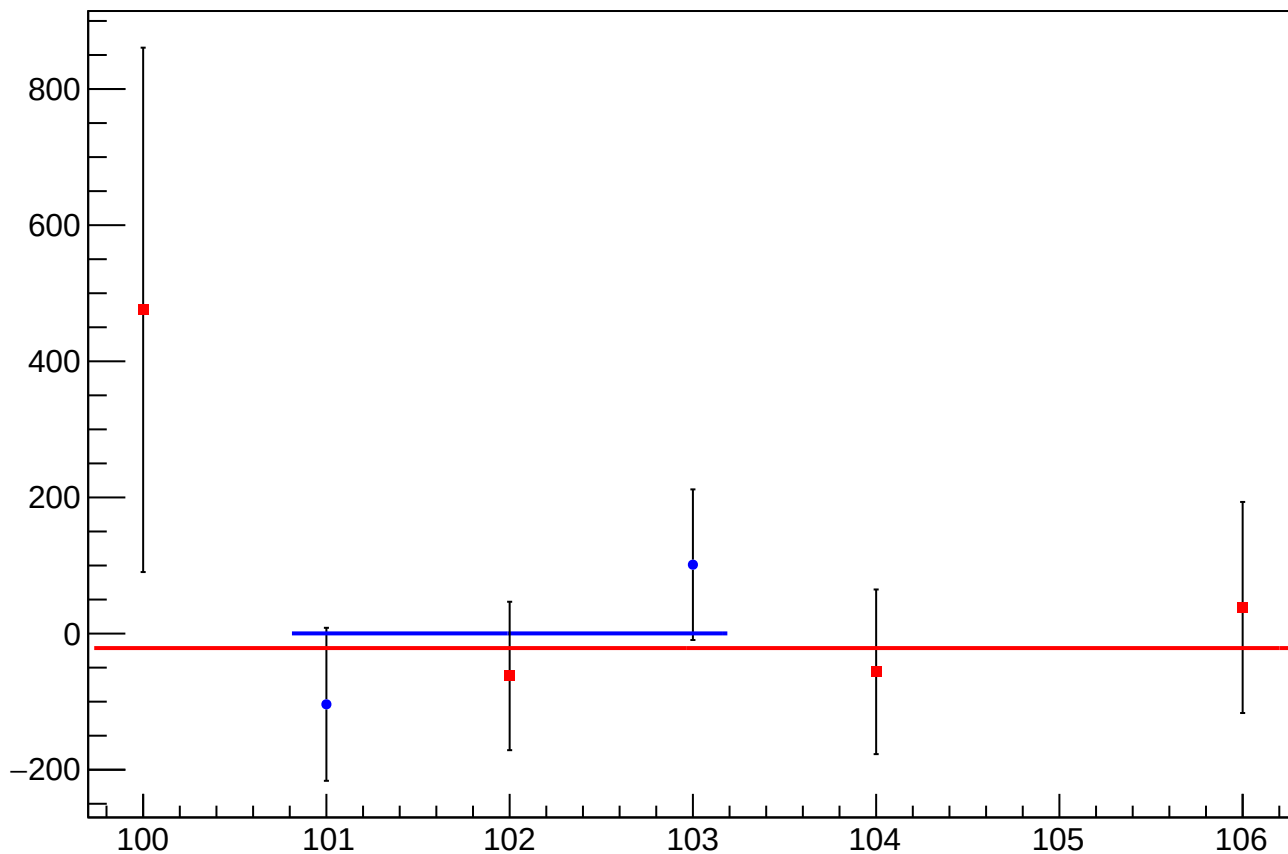
Right: 537.488 $\pm$ 0.228 χ^2 /NDF: 22694.2/5

In: 545.352 $\pm$ 0.344 χ^2 /NDF: 9313.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 537.488 $\pm$ 0.228 χ^2 /NDF: 22694.2/5

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 0.272+/-78.837 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.281+/-70.561 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

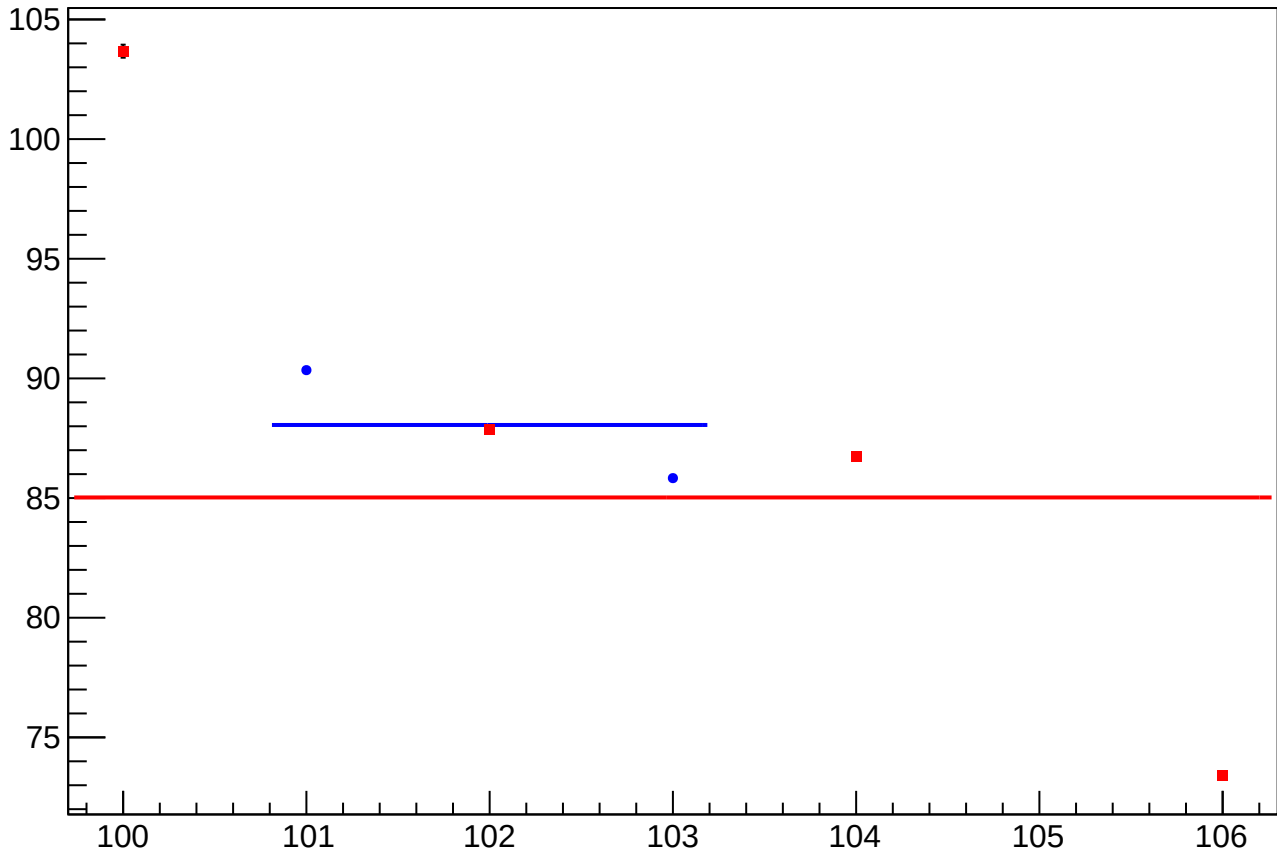
Right: -11.694+/-52.577 χ^2/NDF : 3.8/5

In: 0.272+/-78.837 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.694+/-52.577 χ^2/NDF : 3.8/5

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 88.054+/-0.056 χ^2/NDF : 1637.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.026+/-0.050 χ^2/NDF : 17658.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

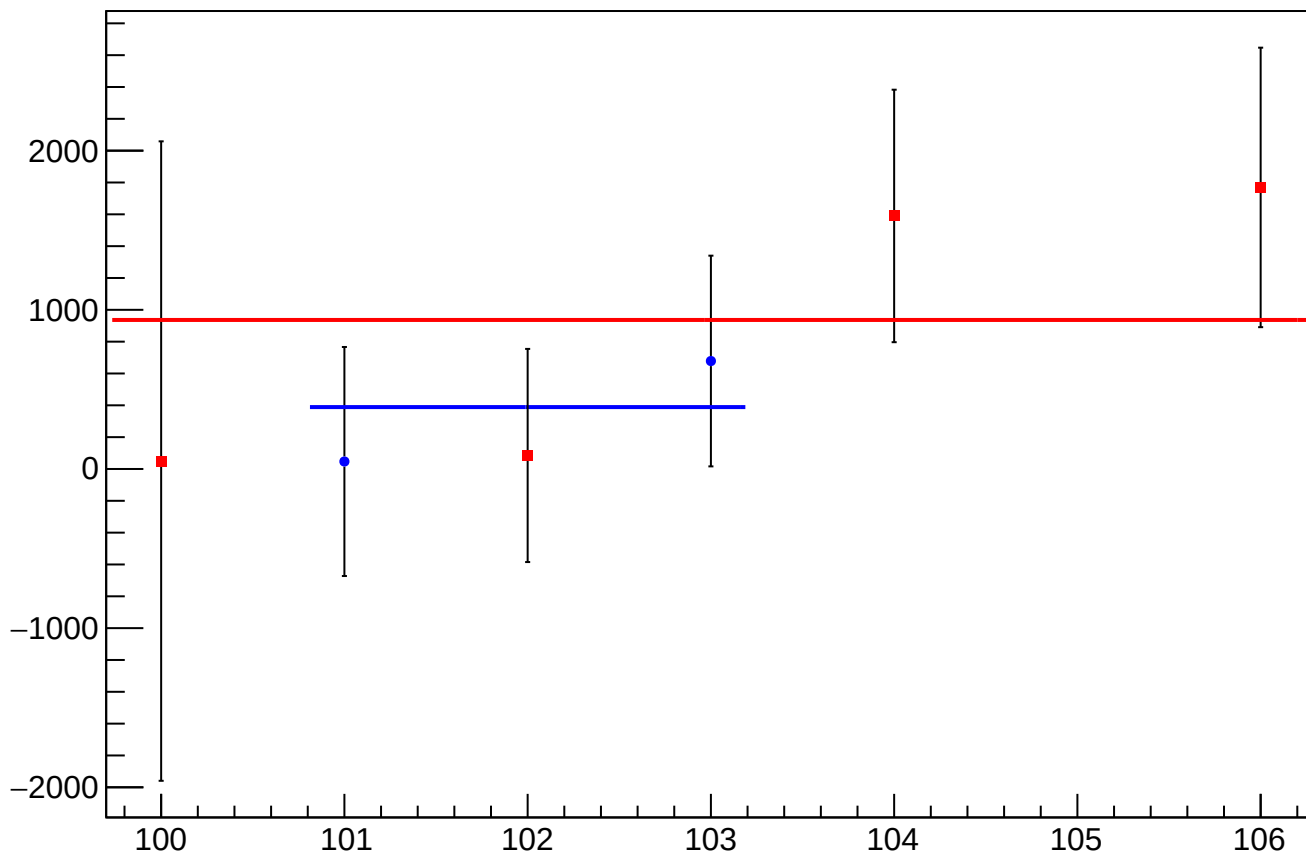
Right: 86.373+/-0.037 χ^2/NDF : 20934.8/5

In: 88.054+/-0.056 χ^2/NDF : 1637.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.373+/-0.037 χ^2/NDF : 20934.8/5

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.882+/-487.159 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.304+/-431.754 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

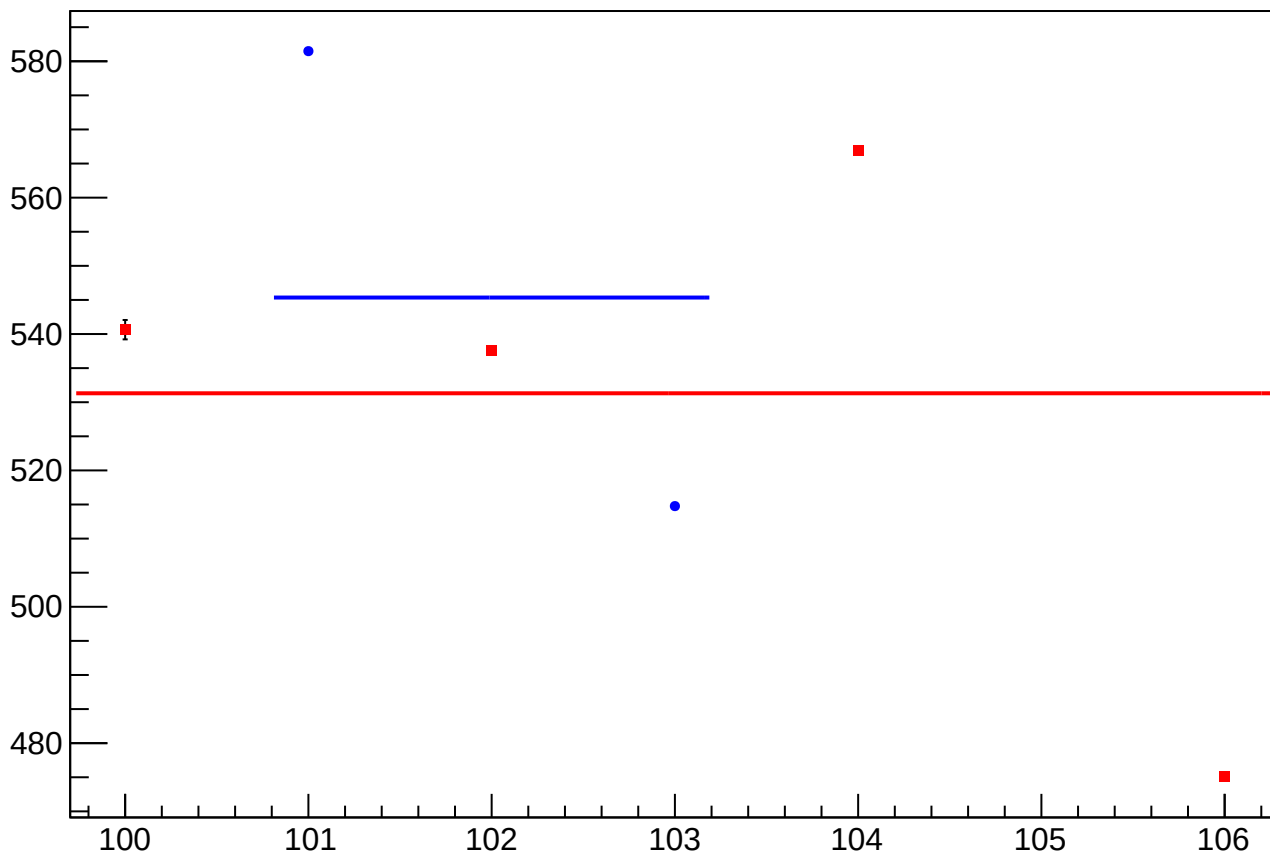
Right: 695.480+/-323.117 χ^2/NDF : 4.5/5

In: 388.882+/-487.159 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.480+/-323.117 χ^2/NDF : 4.5/5

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 545.351+/-0.344 χ^2/NDF : 9313.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.311+/-0.305 χ^2/NDF : 12449.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

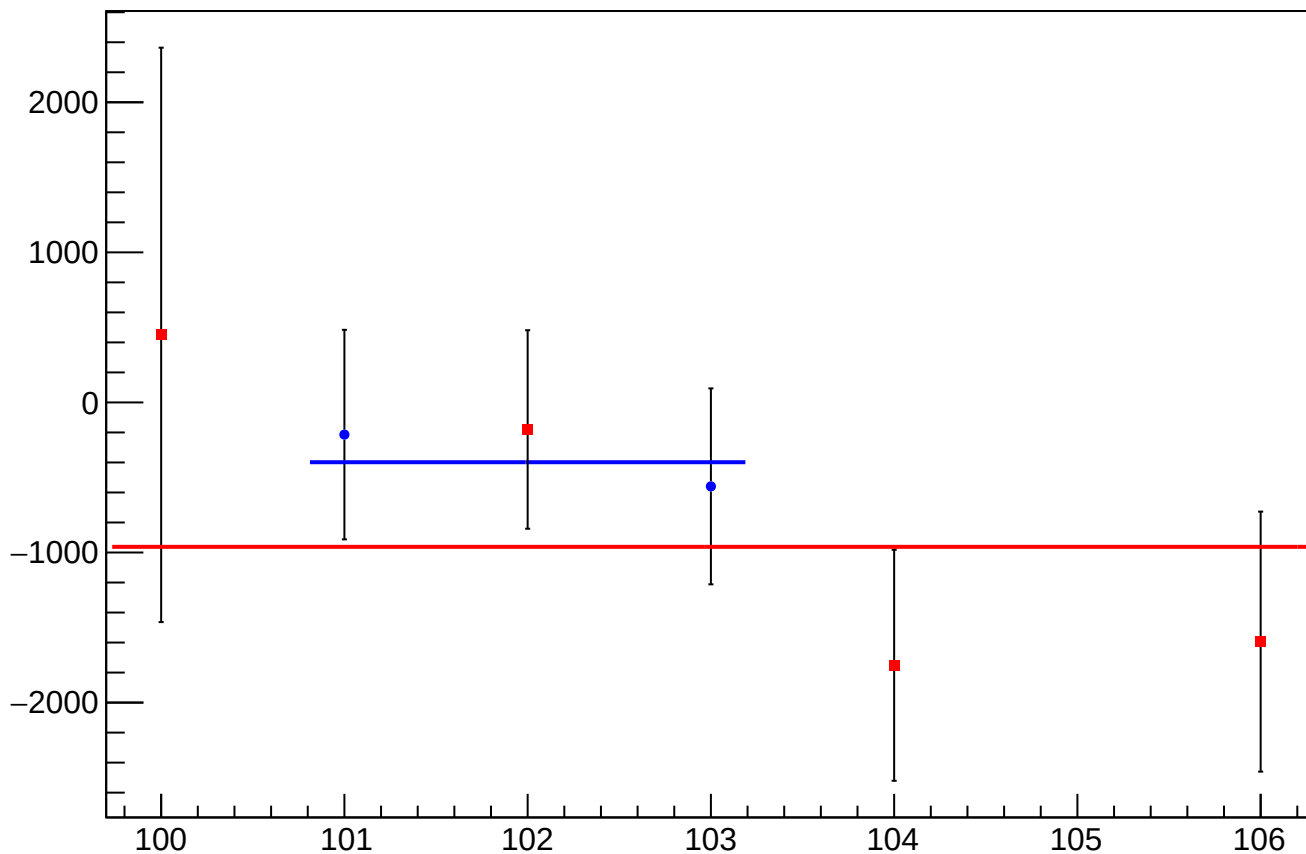
Right: 537.487+/-0.228 χ^2/NDF : 22694.0/5

In: 545.351+/-0.344 χ^2/NDF : 9313.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.487+/-0.228 χ^2/NDF : 22694.0/5

asym_sam5_mean vs Slug, Sign Corrected



Right In: -398.343+/-476.874 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -962.140+/-423.365 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

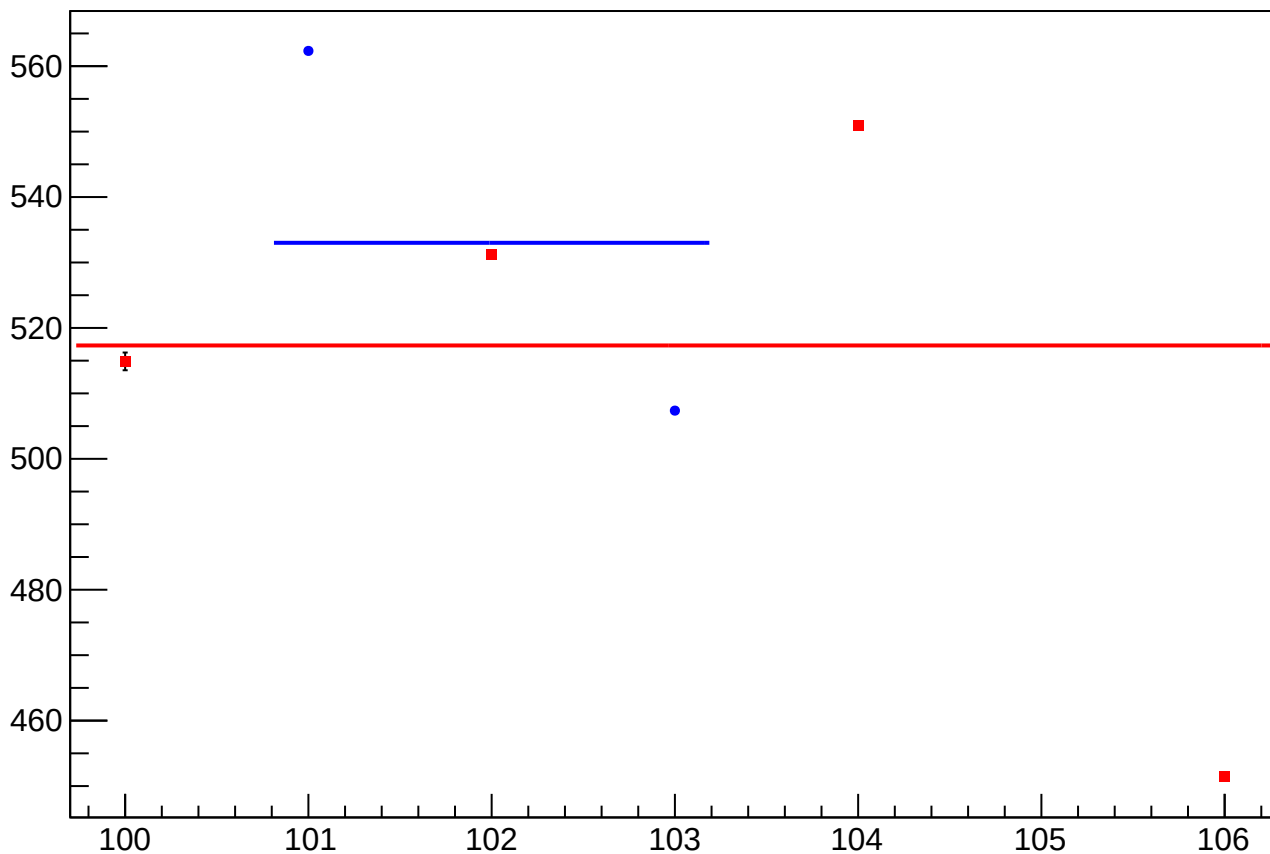
Right: -713.635+/-316.599 χ^2/NDF : 4.4/5

In: -398.343+/-476.874 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -713.635+/-316.599 χ^2/NDF : 4.4/5

asym_sam5_rms vs Slug, Sign Corrected



Right In: 533.008 $\pm$ 0.337 χ^2 /NDF: 6612.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 517.323 $\pm$ 0.299 χ^2 /NDF: 16278.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

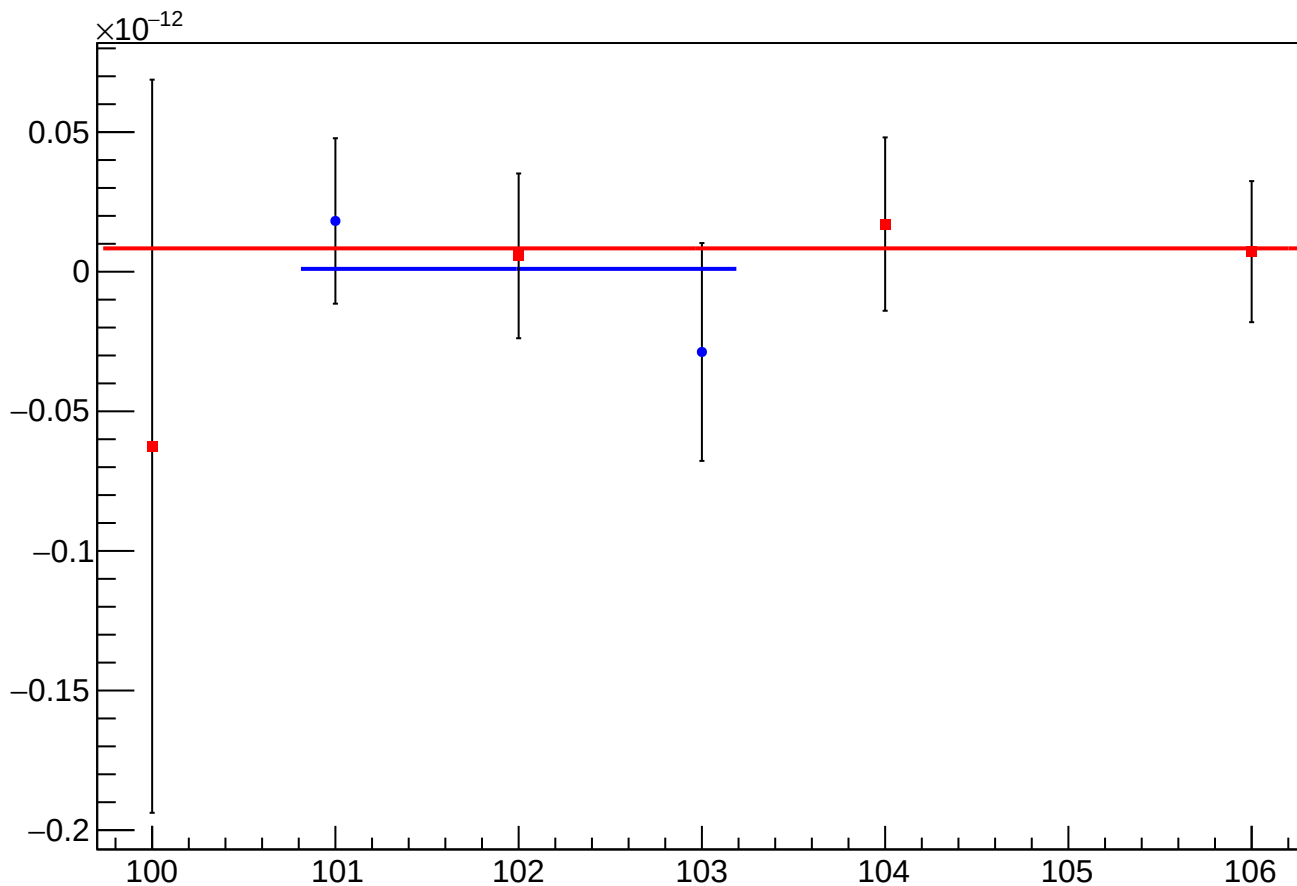
Right: 524.236 $\pm$ 0.224 χ^2 /NDF: 24100.7/5

In: 533.008 $\pm$ 0.337 χ^2 /NDF:6612.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 524.236 $\pm$ 0.224 χ^2 /NDF: 24100.7/5

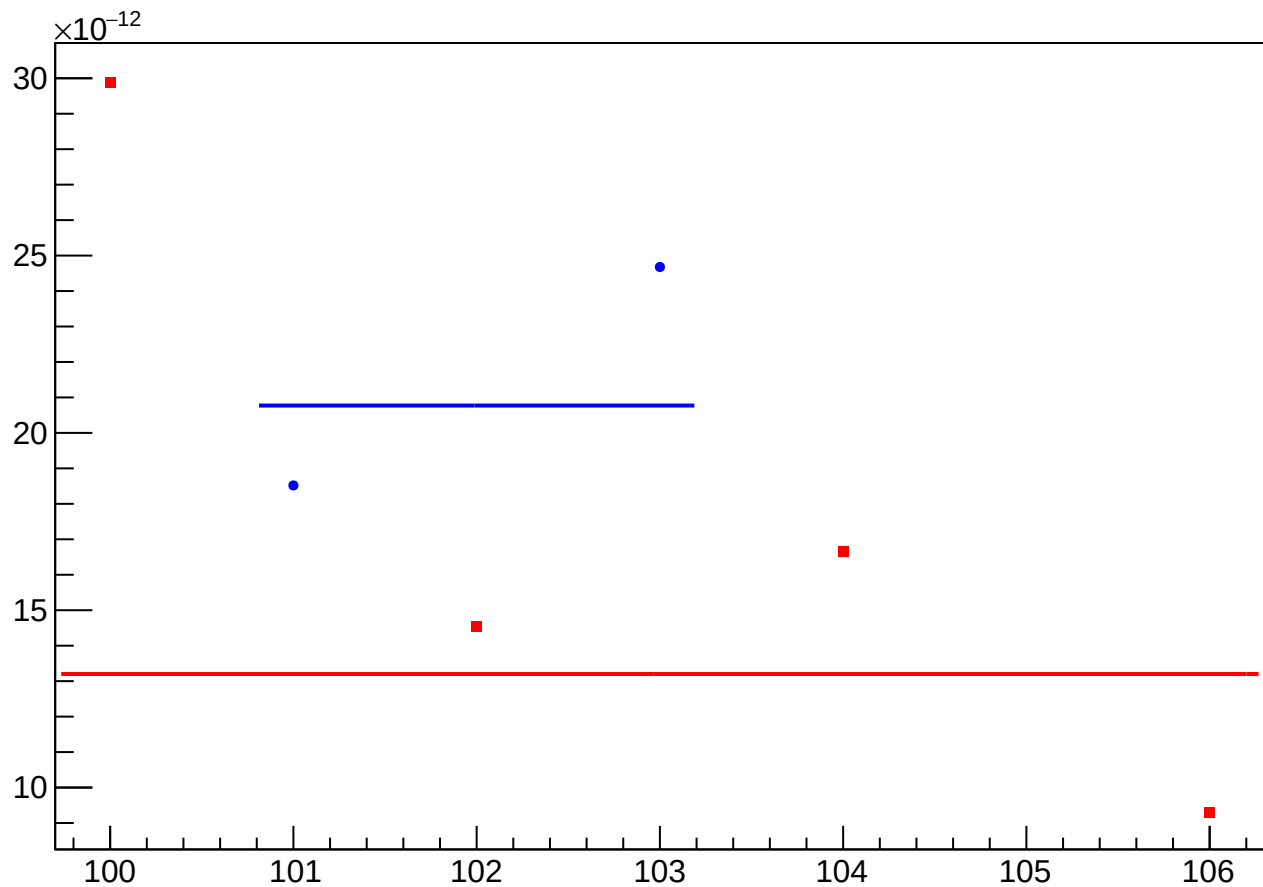
asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.4/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.4/5
 In: 0.000+/-0.000 χ^2/NDF : 0.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.4/5

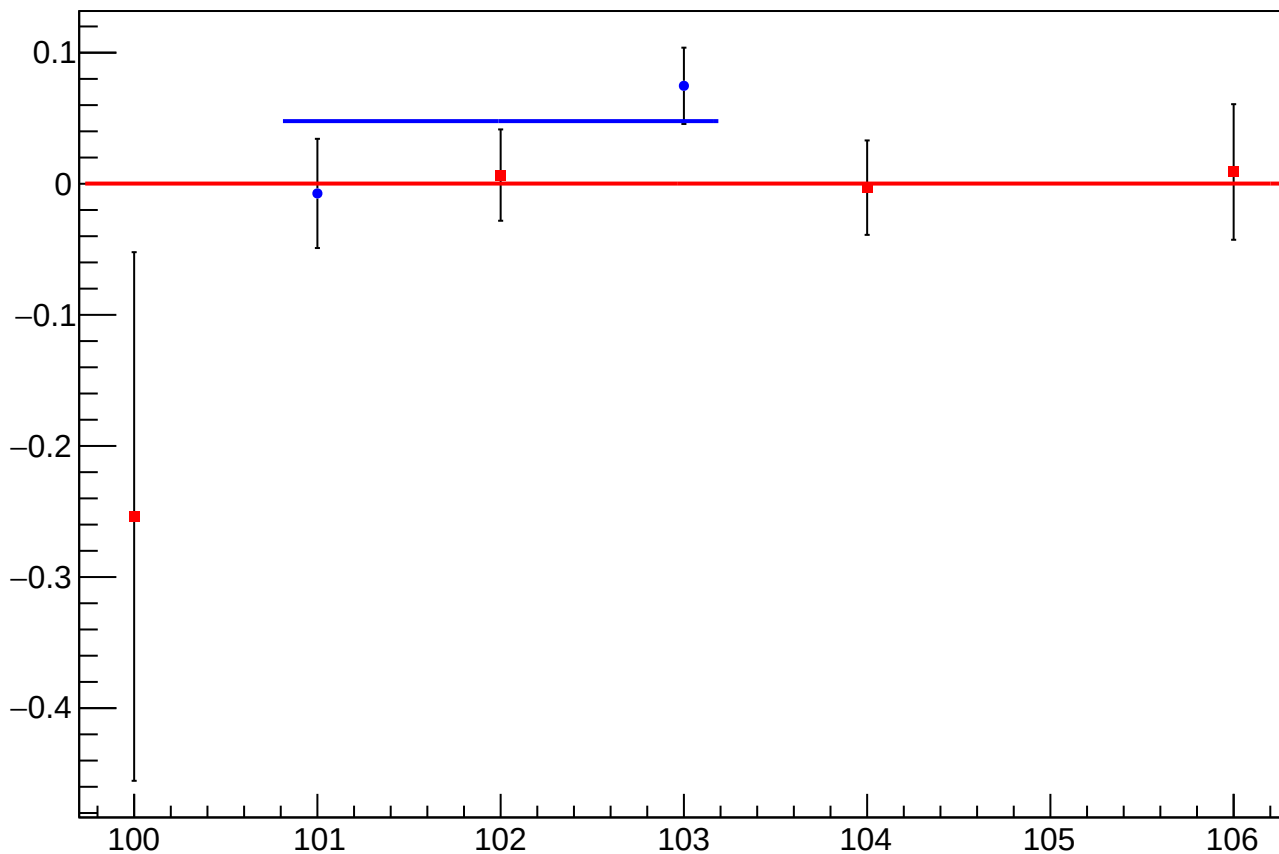
asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31617.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 108802.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 280337.5/5
 In: 0.000+/-0.000 χ^2/NDF : 31617.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 280337.5/5

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.022 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

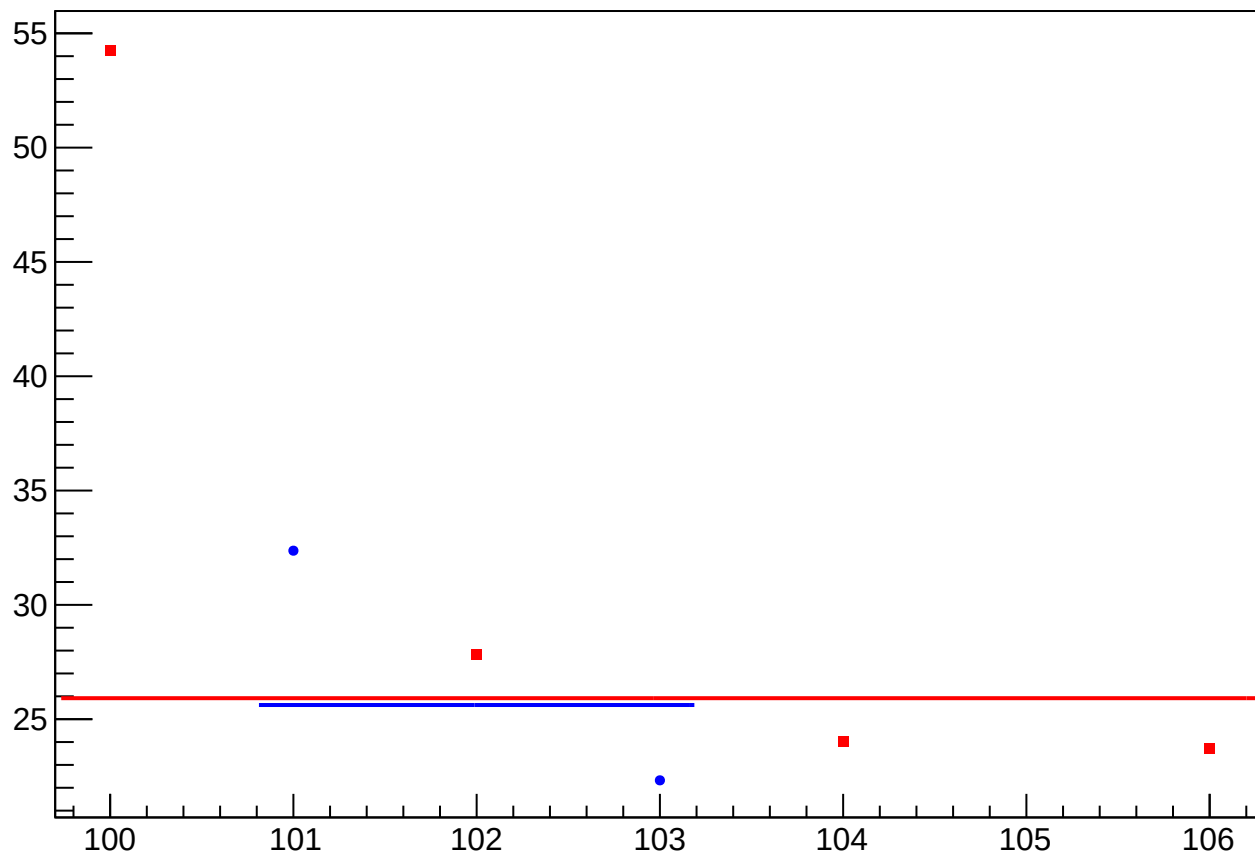
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

In: 0.048 $\pm$ 0.024 χ^2 /NDF:2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2/NDF : 78146.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.918+/-0.016 χ^2/NDF : 54534.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

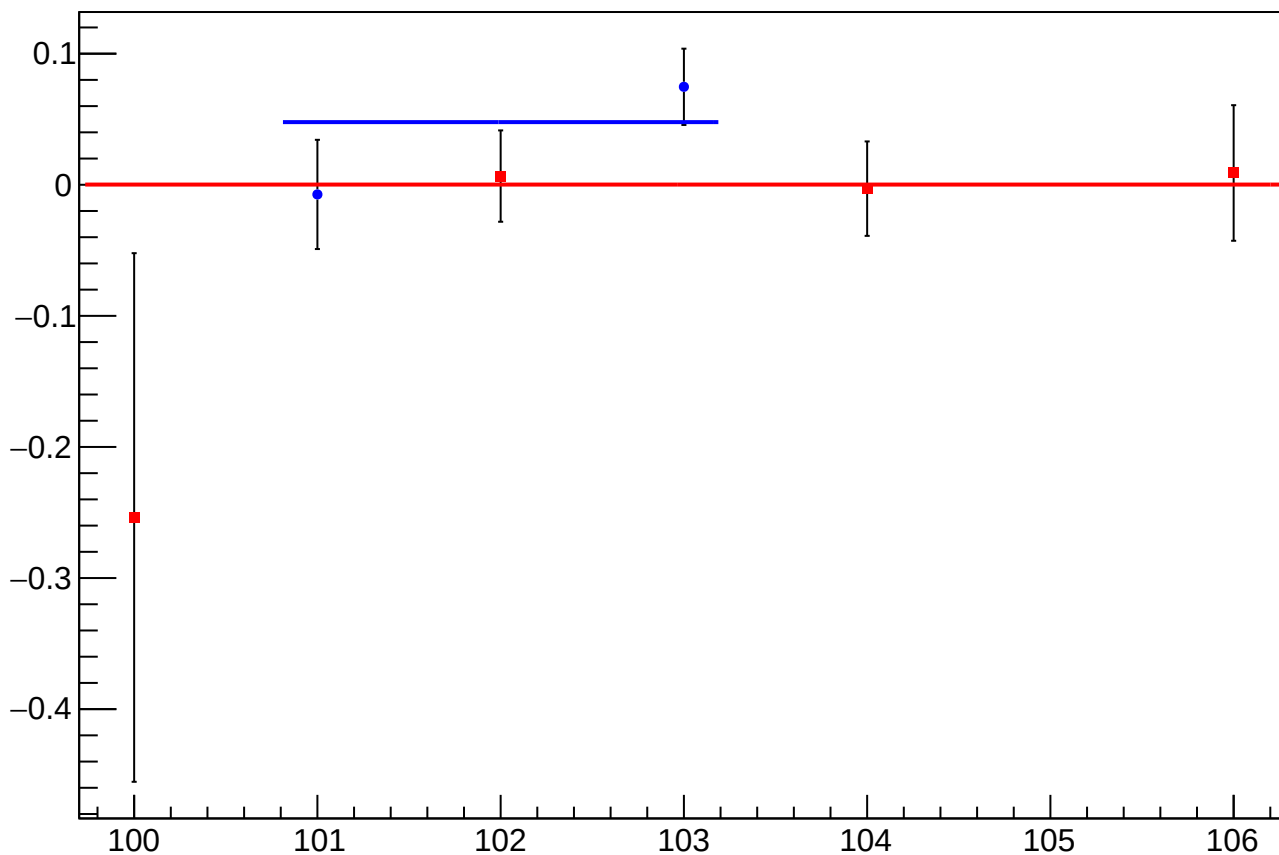
Right: 25.779+/-0.012 χ^2/NDF : 132846.9/5

In: 25.620+/-0.017 χ^2/NDF : 78146.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.779+/-0.012 χ^2/NDF : 132846.9/5

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.022 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

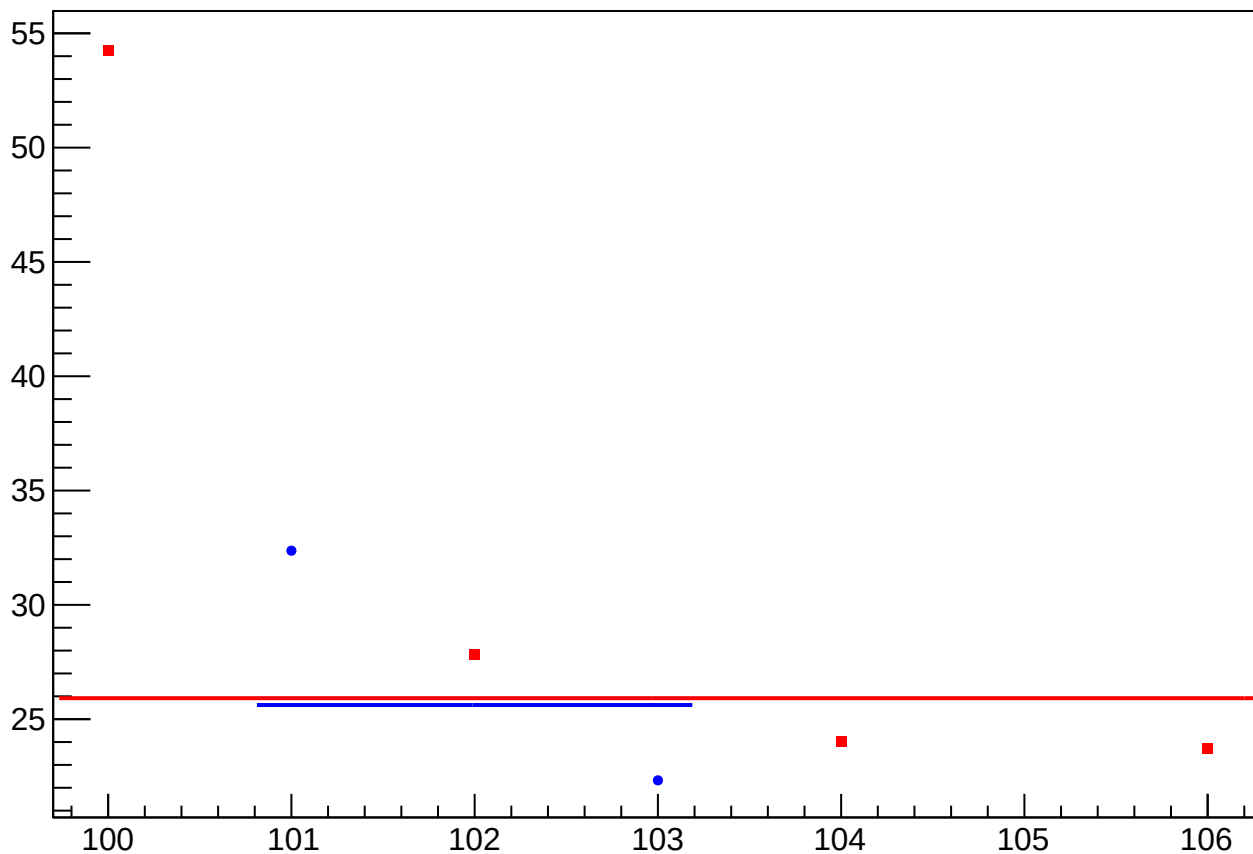
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

In: 0.048 $\pm$ 0.024 χ^2 /NDF:2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2 /NDF: 78146.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 25.918+/-0.016 χ^2 /NDF: 54534.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

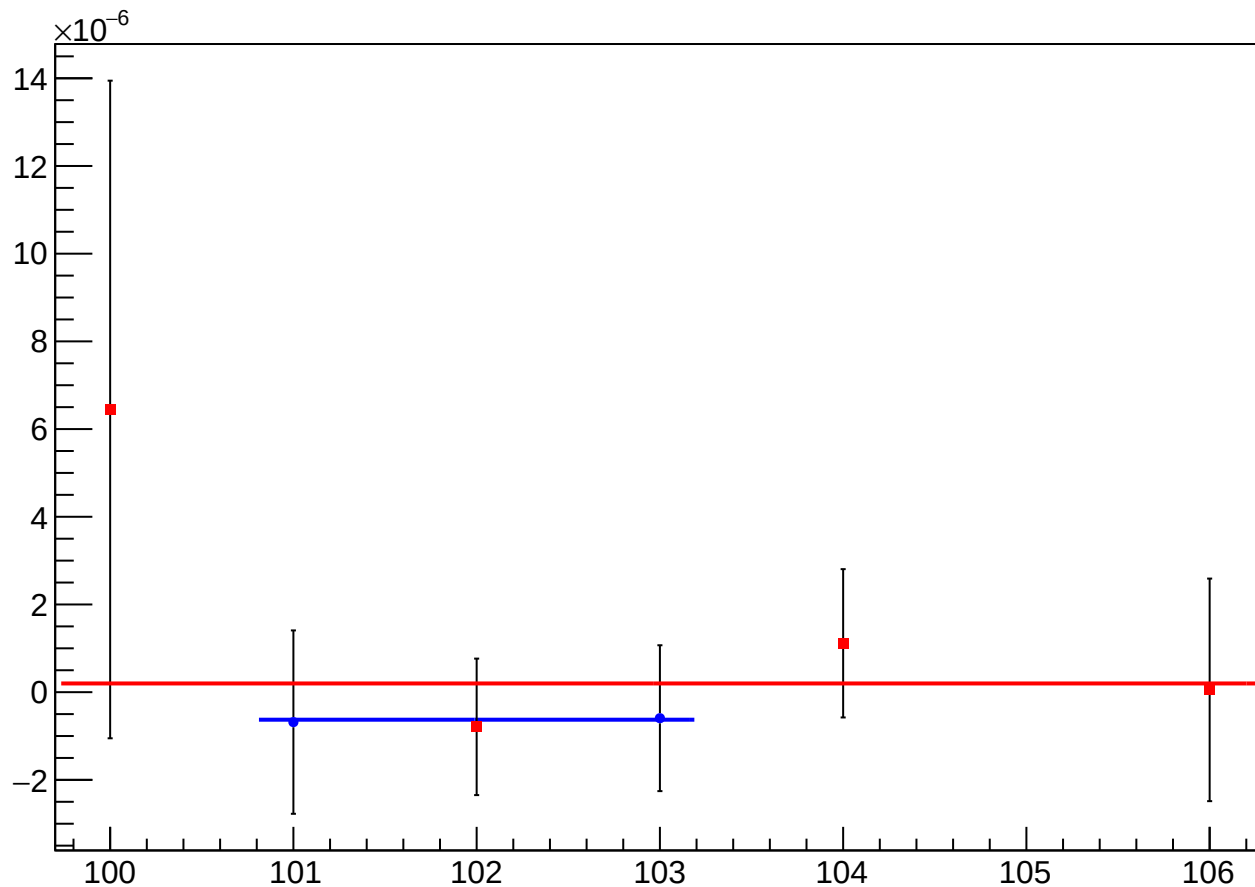
Right: 25.779+/-0.012 χ^2 /NDF: 132846.9/5

In: 25.620+/-0.017 χ^2 /NDF:78146.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 25.779+/-0.012 χ^2 /NDF: 132846.9/5

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

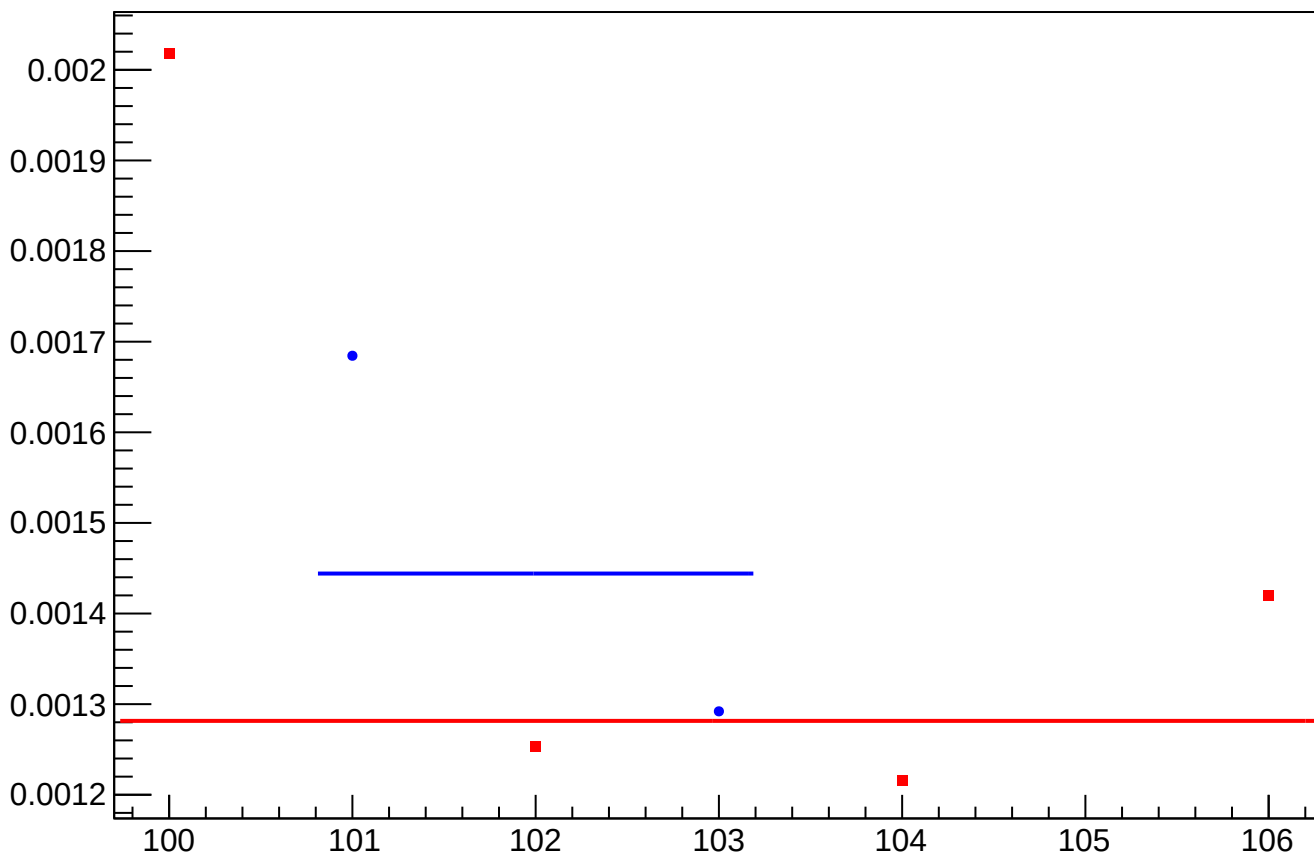
Right: -0.000+/-0.000 χ^2/NDF : 1.6/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.6/5

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 43143.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 28955.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

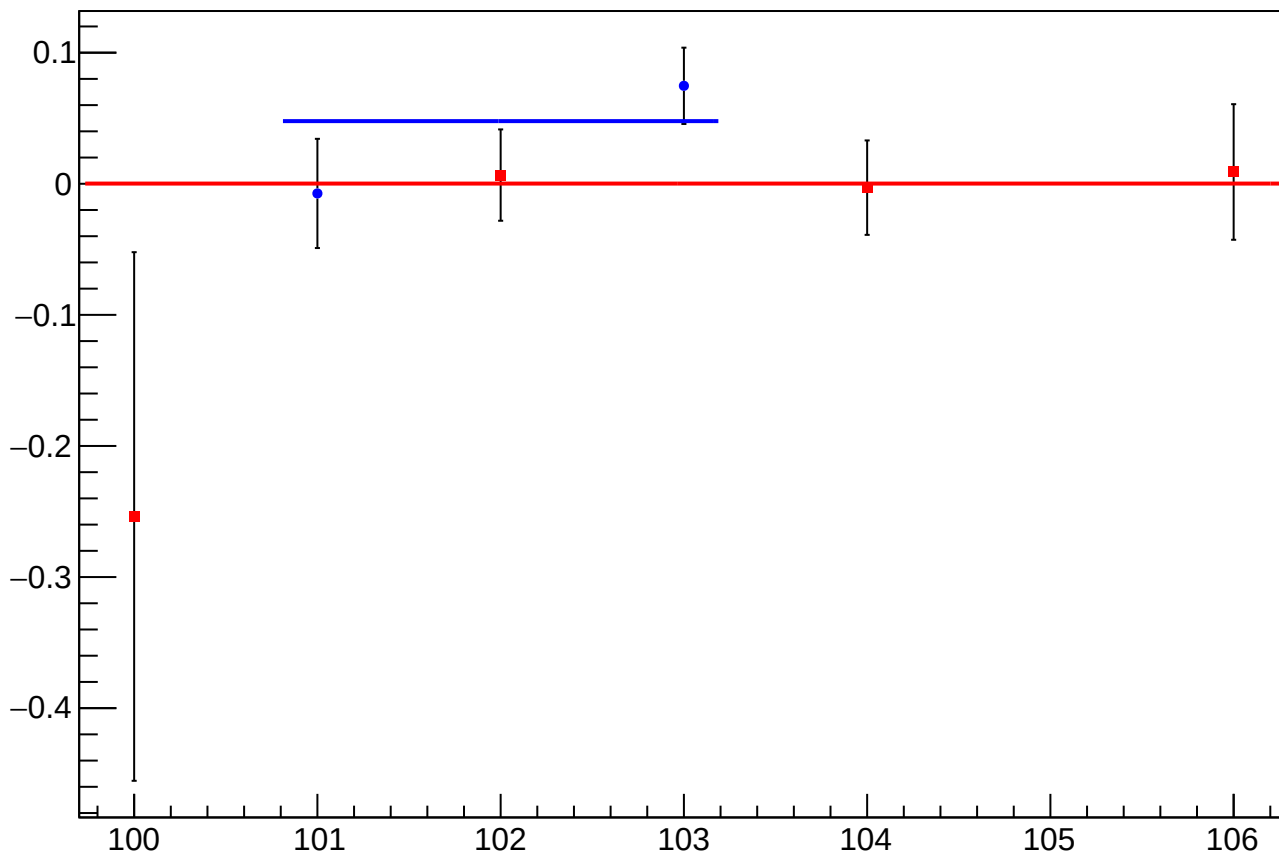
Right: 0.001+/-0.000 χ^2/NDF : 91234.0/5

In: 0.001+/-0.000 χ^2/NDF :43143.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 91234.0/5

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.022 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

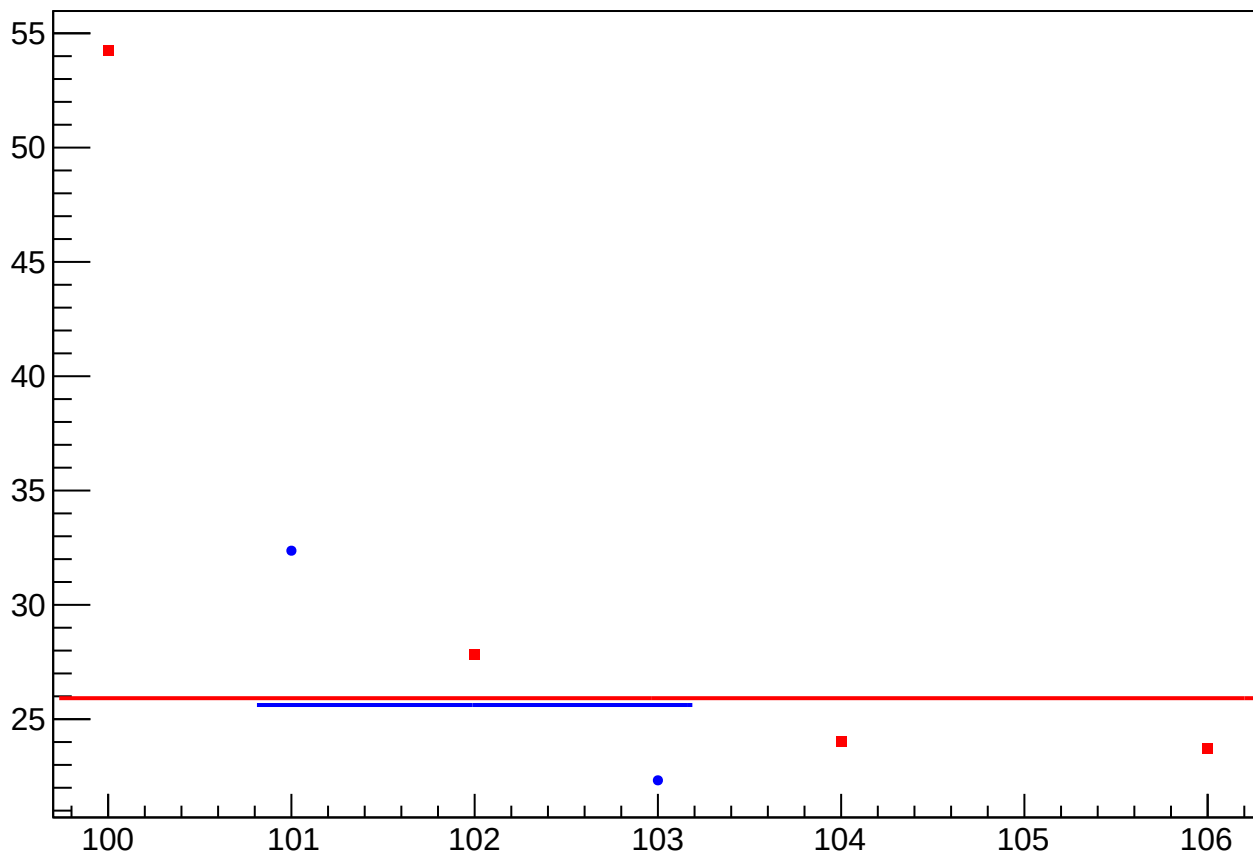
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

In: 0.048 $\pm$ 0.024 χ^2 /NDF:2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2/NDF : 78137.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.918+/-0.016 χ^2/NDF : 54536.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

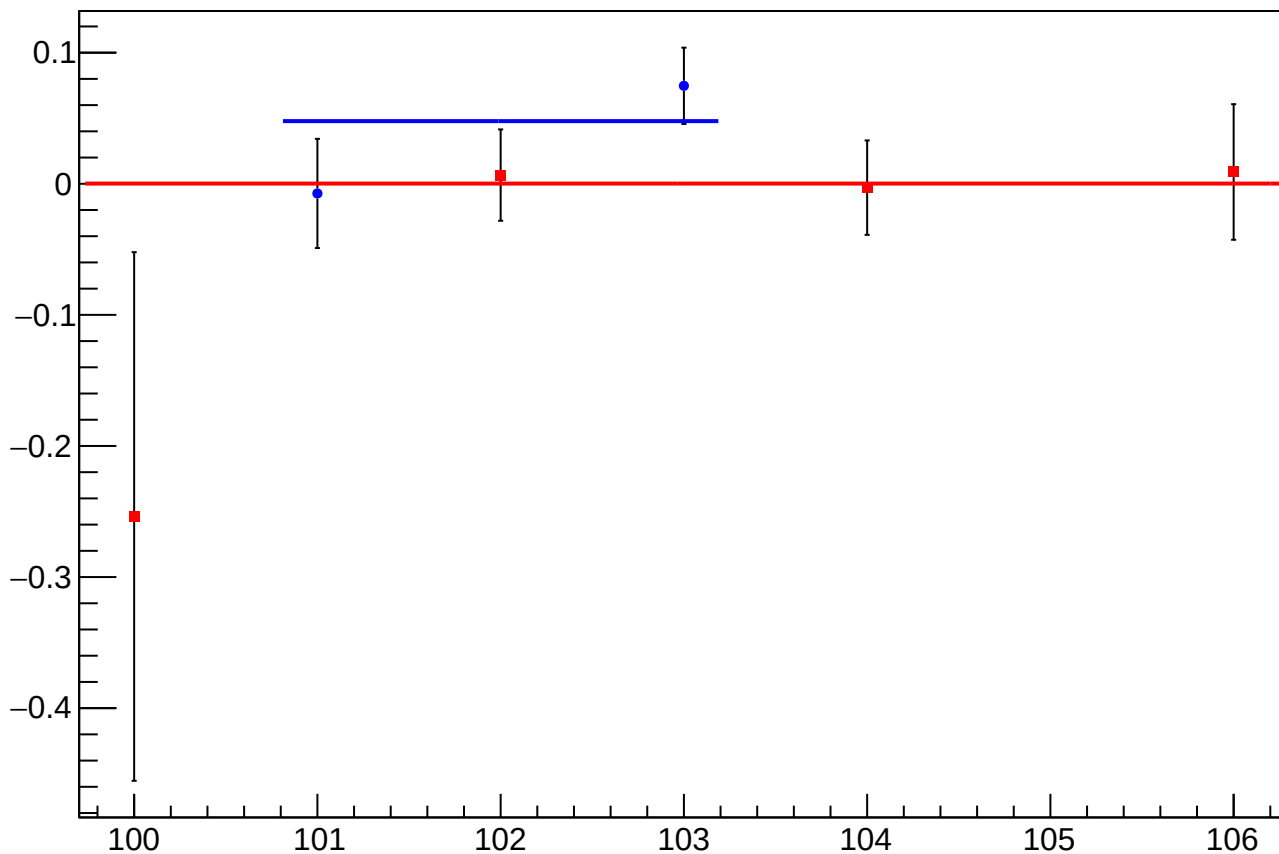
Right: 25.778+/-0.012 χ^2/NDF : 132840.1/5

In: 25.620+/-0.017 χ^2/NDF : 78137.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.778+/-0.012 χ^2/NDF : 132840.1/5

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.022 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

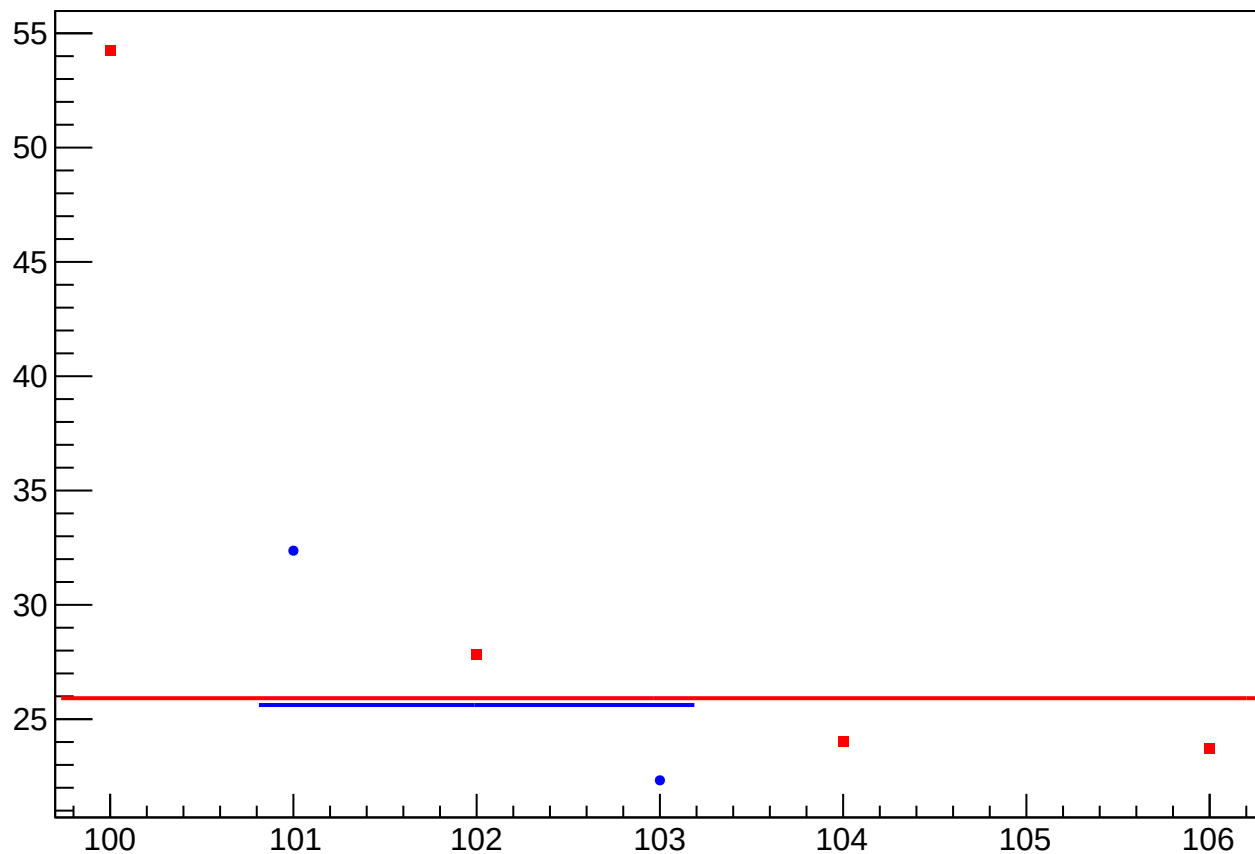
Right: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

In: 0.048 $\pm$ 0.024 χ^2 /NDF: 2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.016 χ^2 /NDF: 6.4/5

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620+/-0.017 χ^2 /NDF: 78137.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 25.918+/-0.016 χ^2 /NDF: 54536.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

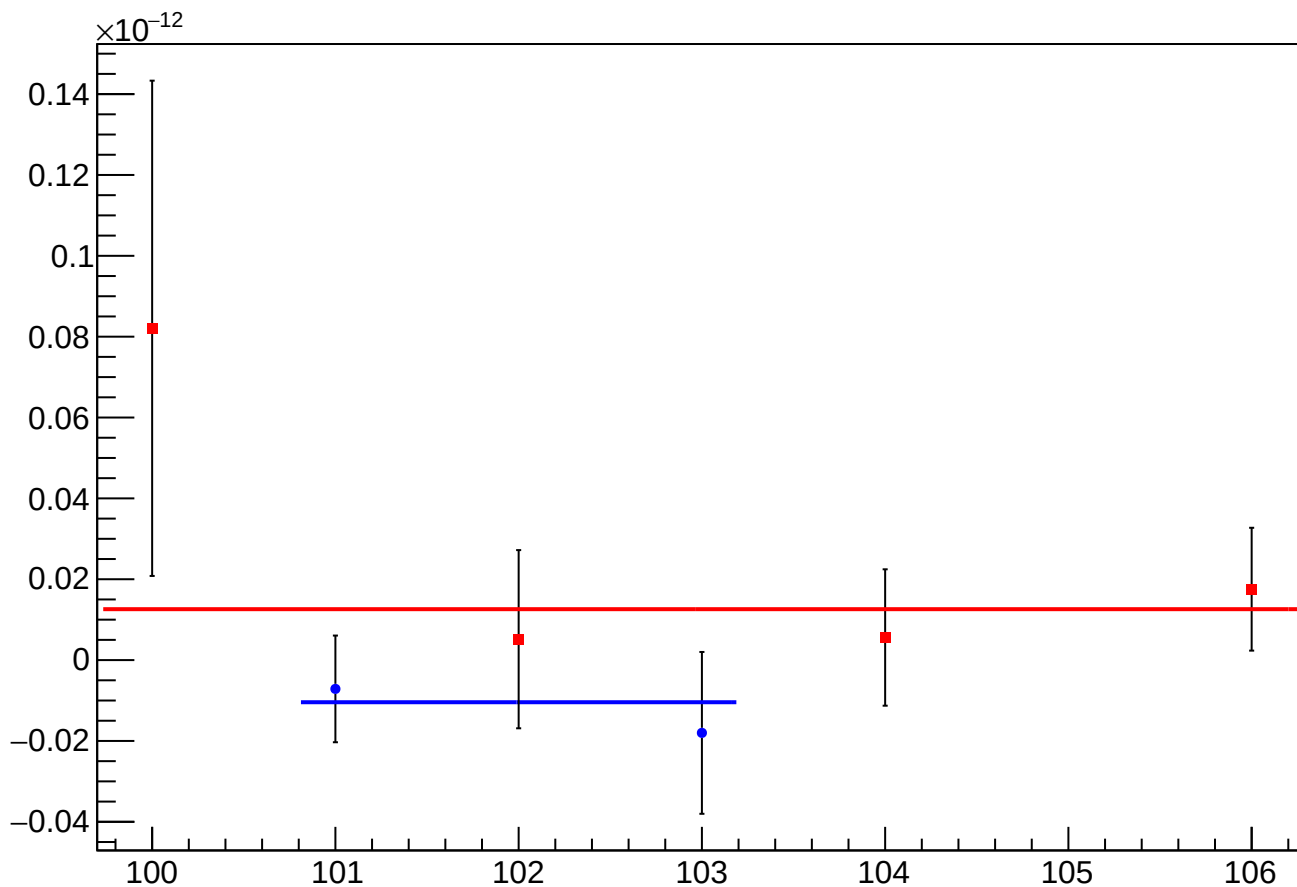
Right: 25.778+/-0.012 χ^2 /NDF: 132840.1/5

In: 25.620+/-0.017 χ^2 /NDF:78137.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 25.778+/-0.012 χ^2 /NDF: 132840.1/5

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

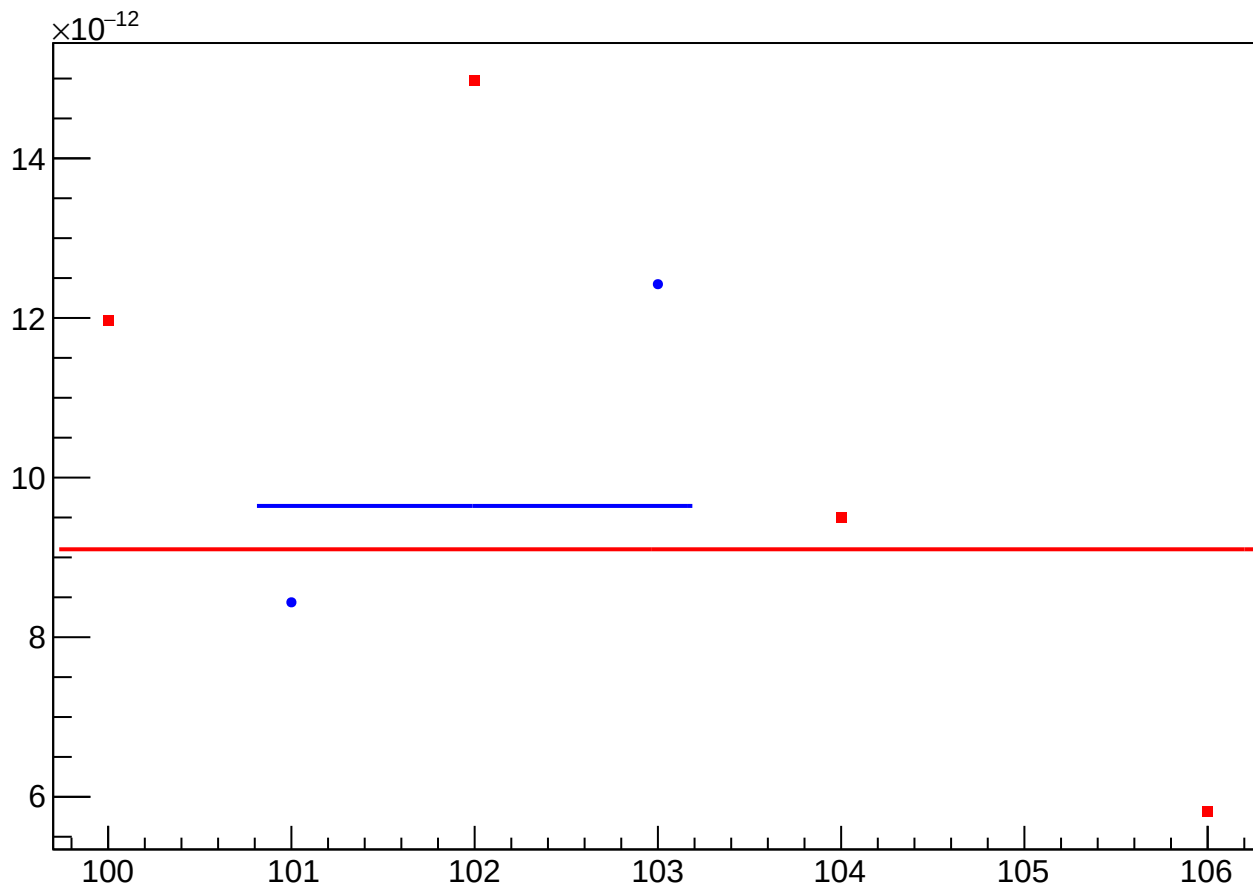
Right: 0.000+/-0.000 χ^2/NDF : 4.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/5

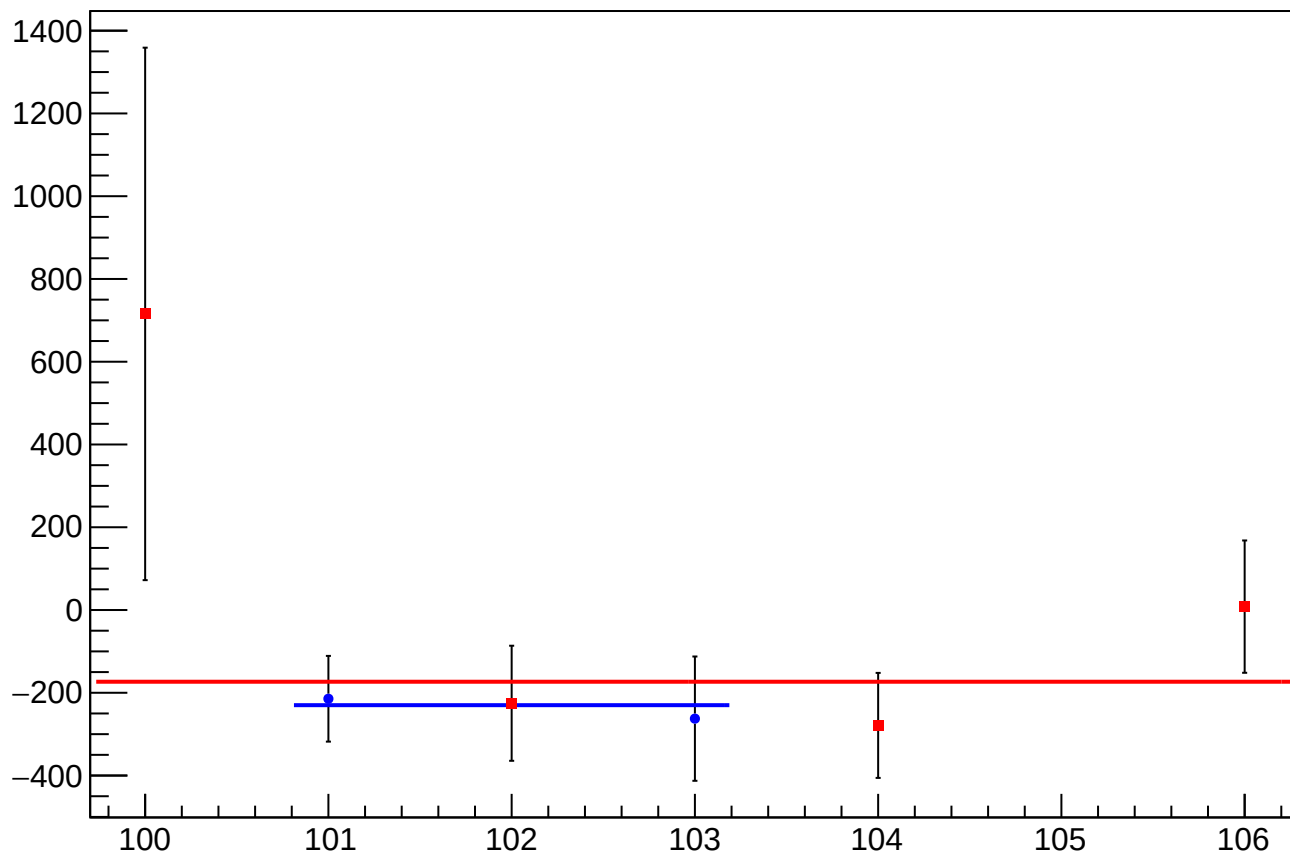
asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 55291.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 241172.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 299151.5/5
 In: 0.000+/-0.000 χ^2/NDF : 55291.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 299151.5/5

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -229.957+/-85.267 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.305+/-80.222 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

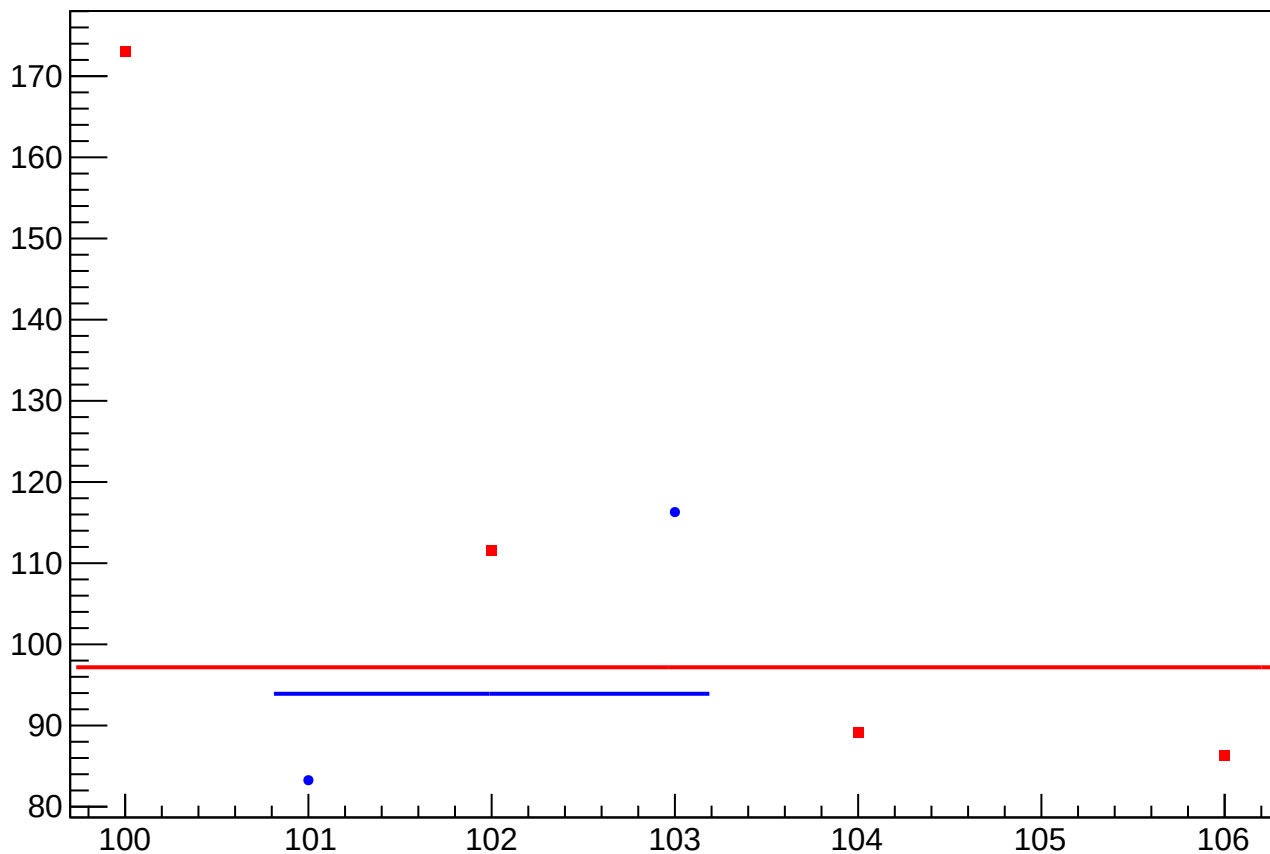
Right: -199.905+/-58.428 χ^2/NDF : 4.3/5

In: -229.957+/-85.267 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.905+/-58.428 χ^2/NDF : 4.3/5

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.912+/-0.060 χ^2/NDF : 65560.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.177+/-0.057 χ^2/NDF : 66322.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

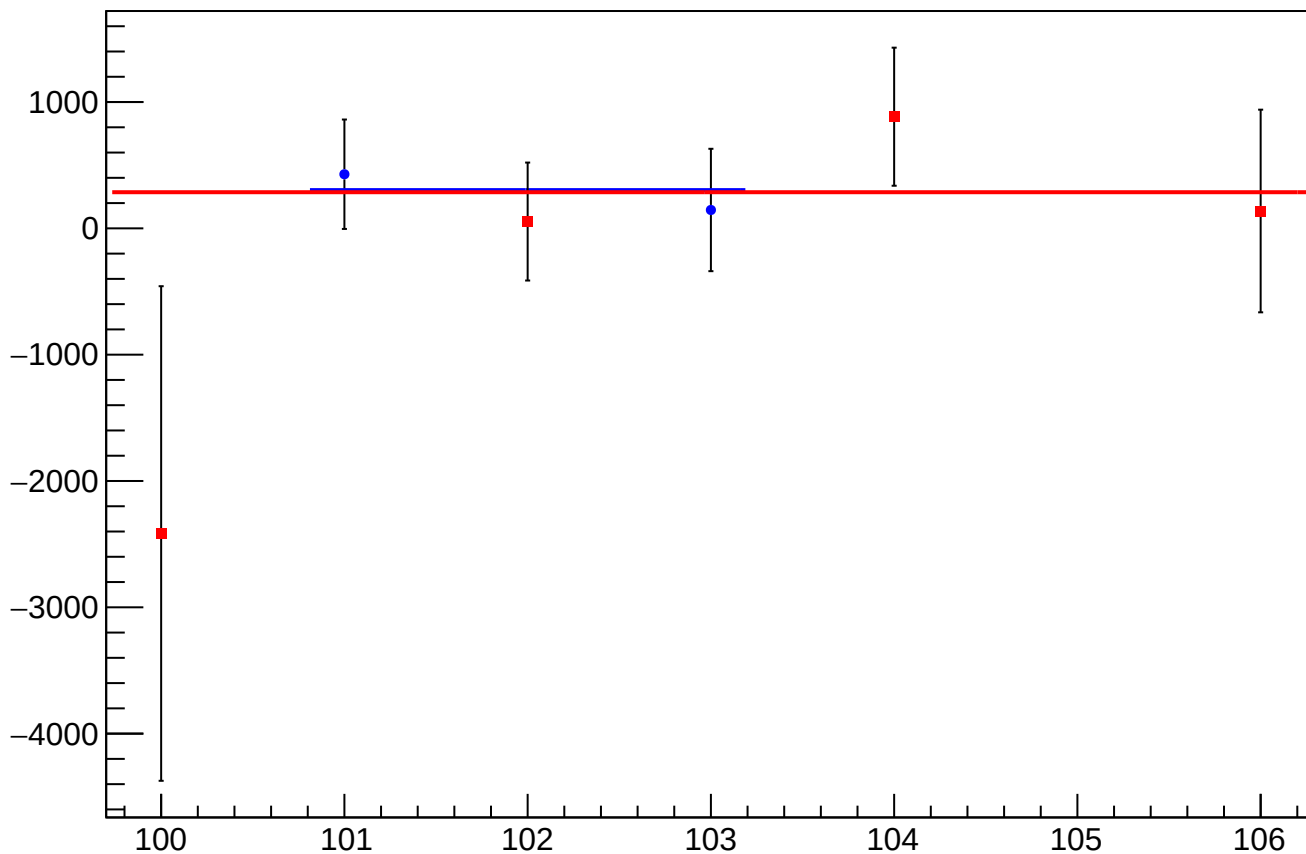
Right: 95.644+/-0.041 χ^2/NDF : 133437.2/5

In: 93.912+/-0.060 χ^2/NDF : 65560.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.644+/-0.041 χ^2/NDF : 133437.2/5

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 302.676+/-322.864 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 286.095+/-320.243 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

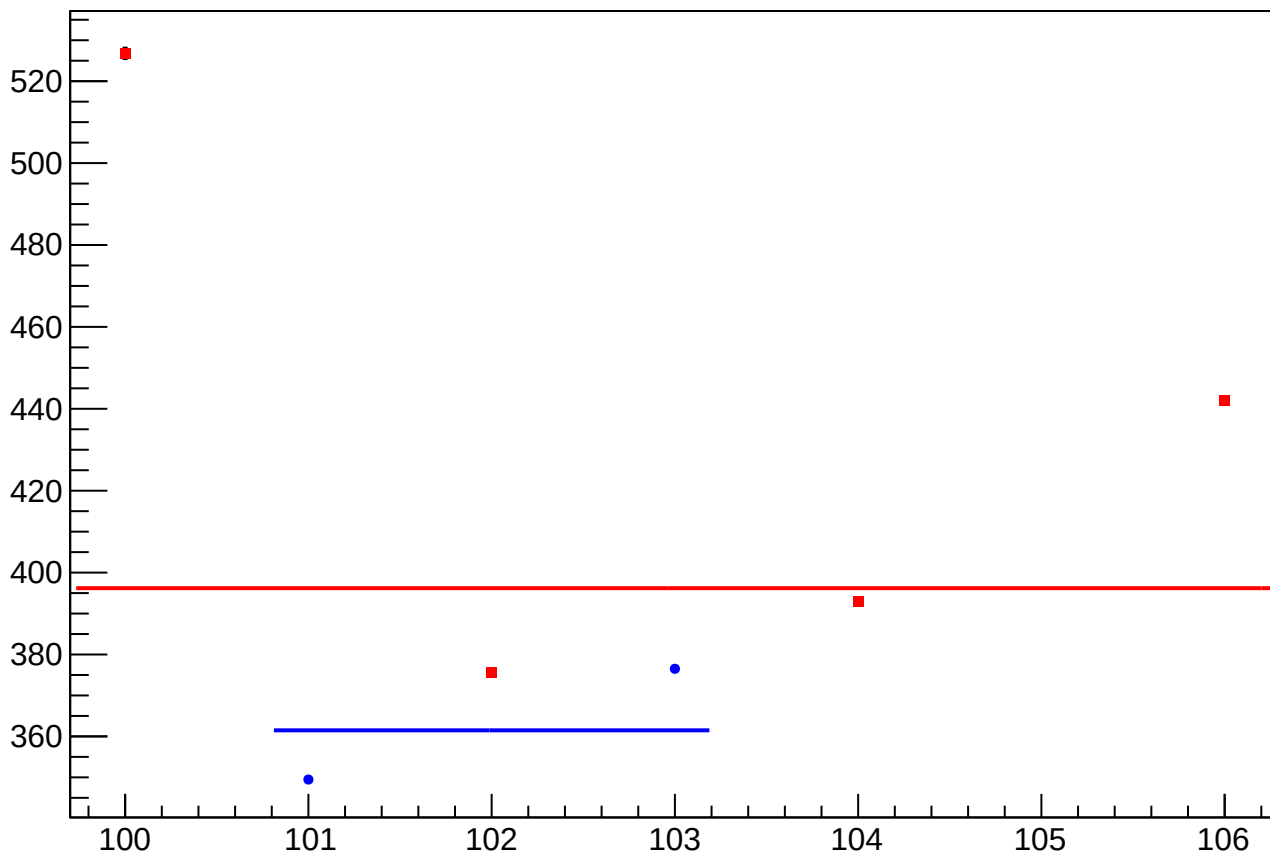
Right: 294.318+/-227.367 χ^2/NDF : 3.6/5

In: 302.676+/-322.864 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.318+/-227.367 χ^2/NDF : 3.6/5

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 361.483 ± 0.228 $\chi^2/\text{NDF}: 3464.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 396.196 ± 0.226 $\chi^2/\text{NDF}: 19372.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

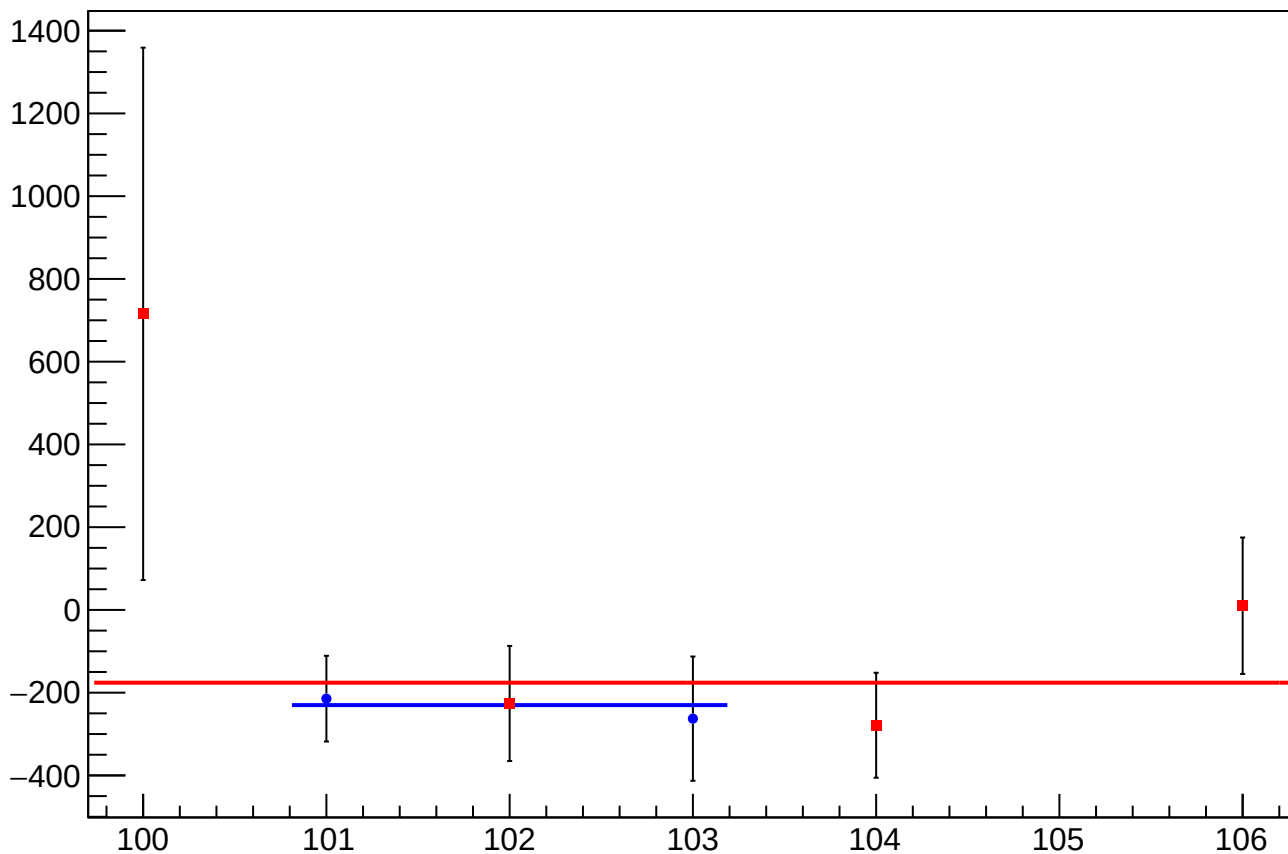
Right: 378.981 ± 0.161 $\chi^2/\text{NDF}: 34491.3/5$

In: 361.483 ± 0.228 $\chi^2/\text{NDF}: 3464.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 378.981 ± 0.161 $\chi^2/\text{NDF}: 34491.3/5$

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -230.047+/-85.268 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -175.838+/-80.844 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

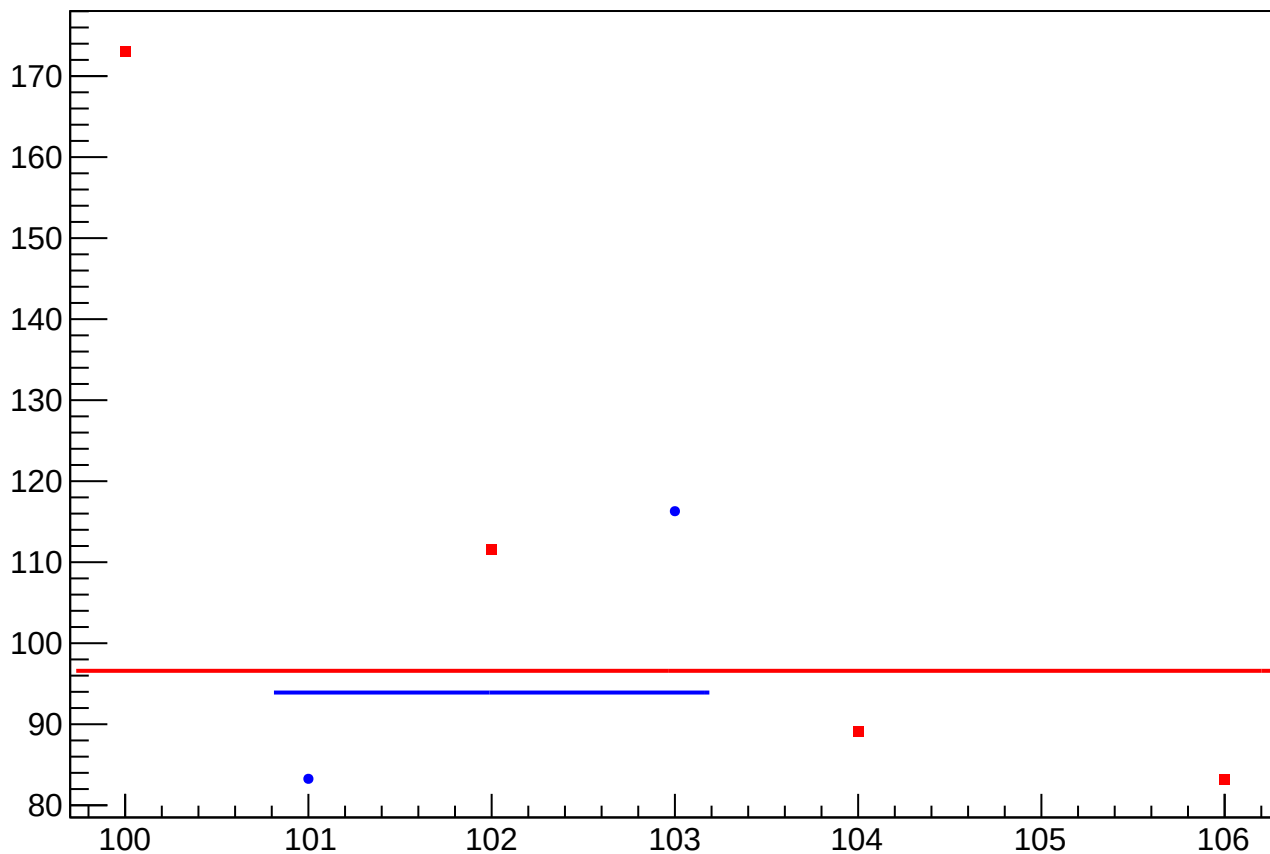
Right: -201.500+/-58.667 χ^2/NDF : 4.3/5

In: -230.047+/-85.268 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.500+/-58.667 χ^2/NDF : 4.3/5

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.594+/-0.057 χ^2/NDF : 71562.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

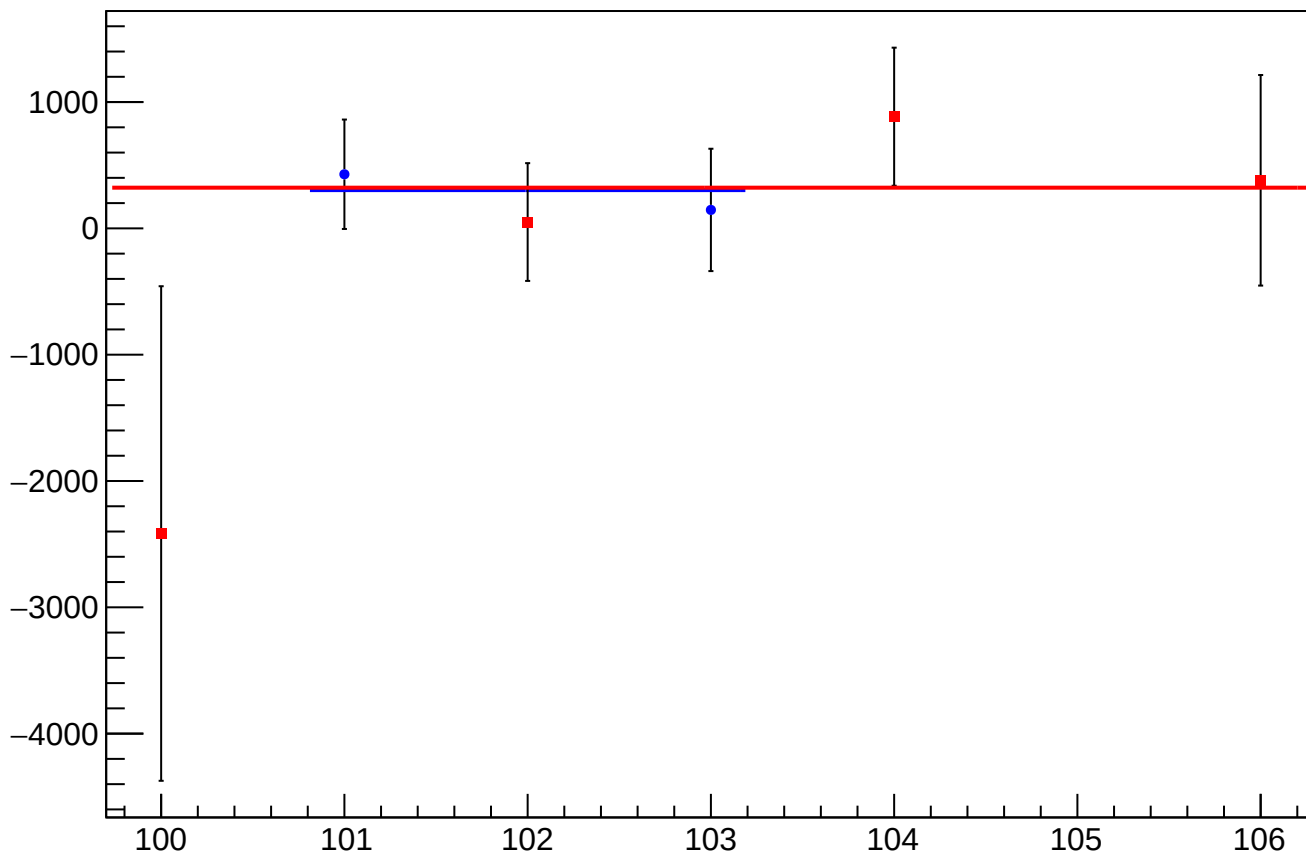
Right: 95.325+/-0.041 χ^2/NDF : 138167.0/5

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.325+/-0.041 χ^2/NDF : 138167.0/5

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.949+/-322.845 χ^2 /NDF: 0.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 322.172+/-321.894 χ^2 /NDF: 3.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

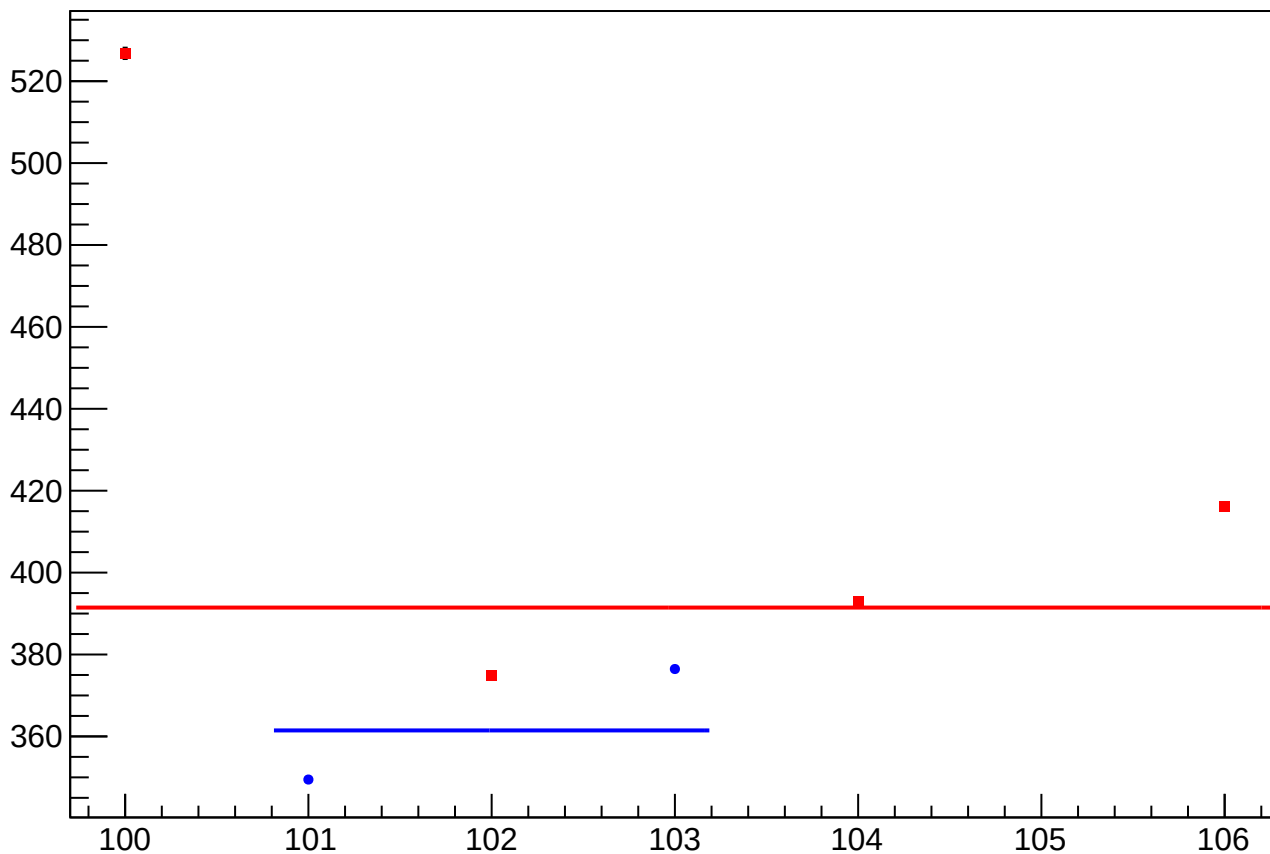
Right: 312.589+/-227.949 χ^2 /NDF: 3.5/5

In: 302.949+/-322.845 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 312.589+/-227.949 χ^2 /NDF: 3.5/5

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.462+/-0.228 χ^2/NDF : 13839.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

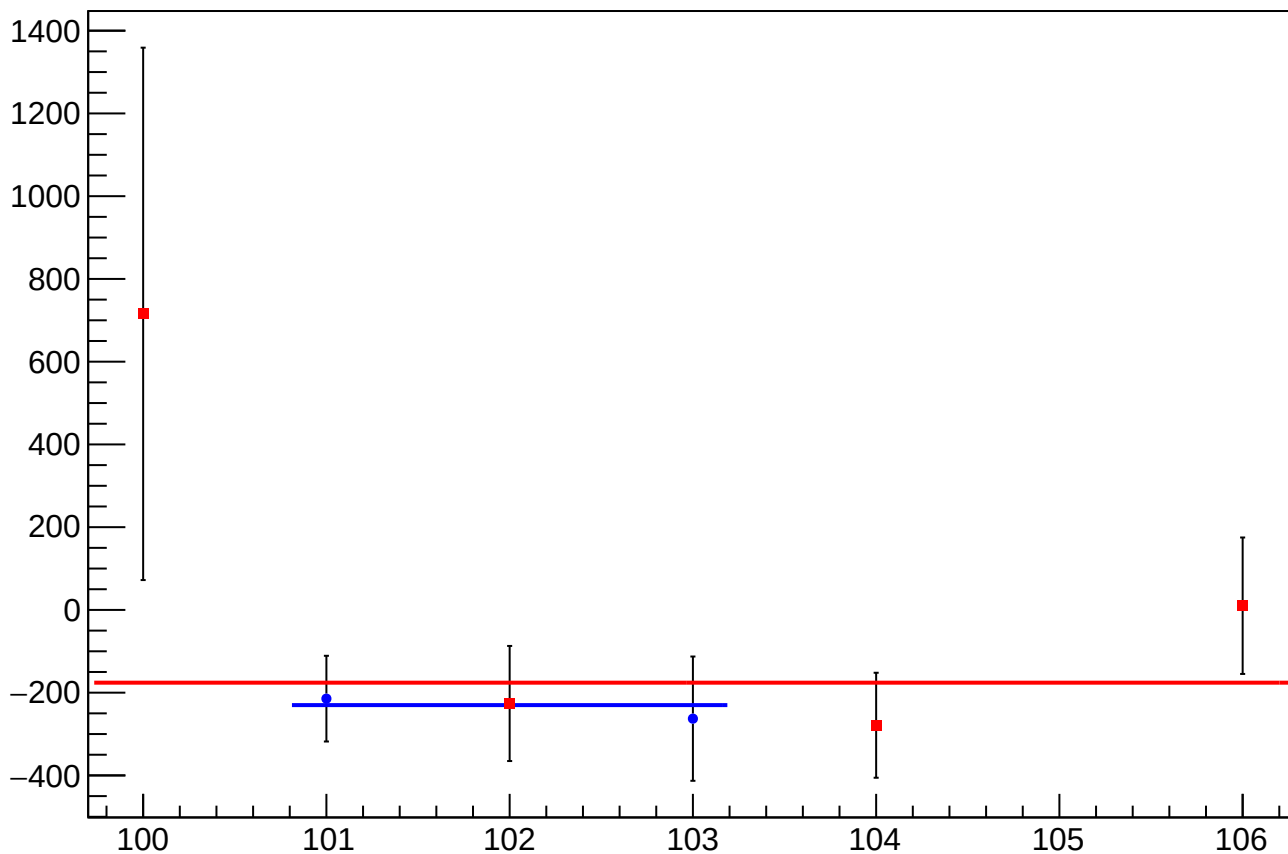
Right: 376.506+/-0.161 χ^2/NDF : 25951.0/5

In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.506+/-0.161 χ^2/NDF : 25951.0/5

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -230.047 $\pm$ 85.268 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -175.838 $\pm$ 80.844 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

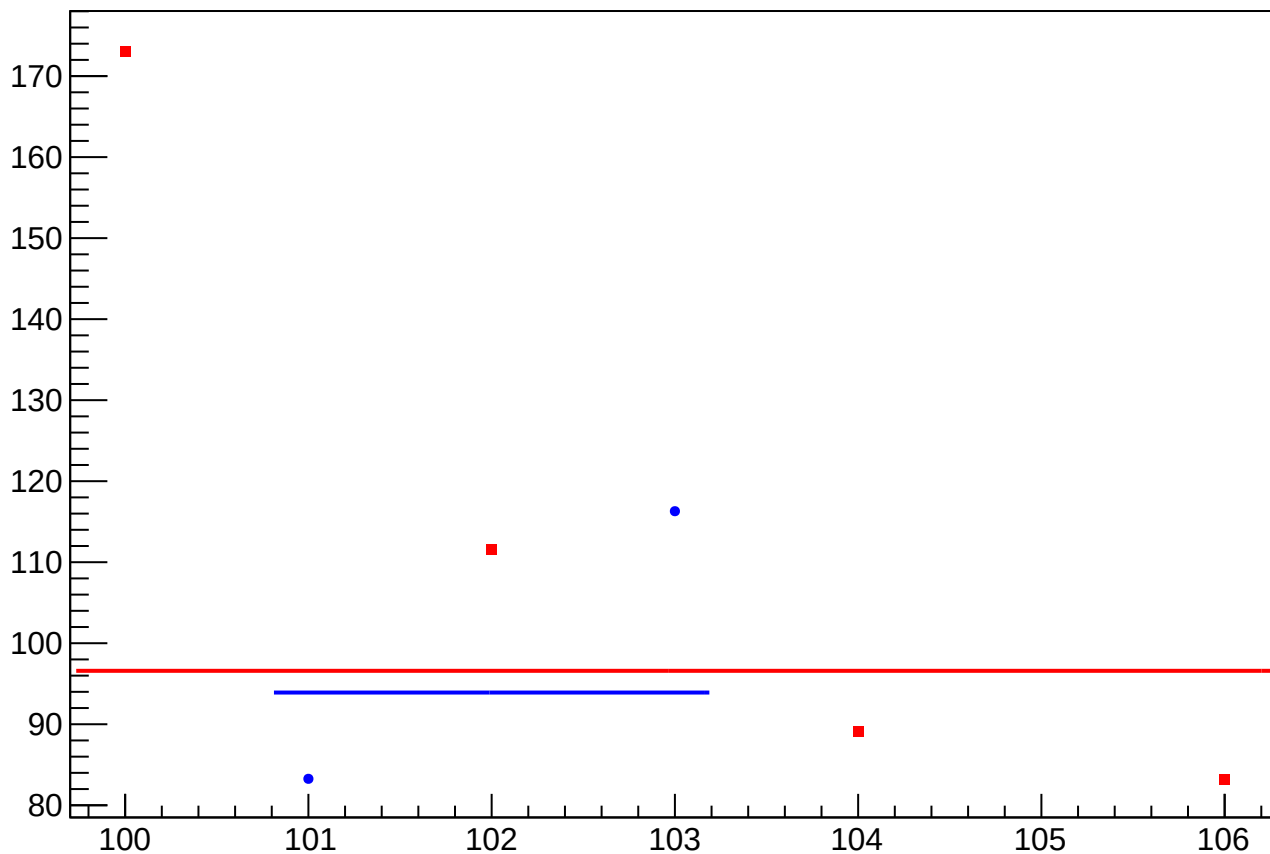
Right: -201.500 $\pm$ 58.667 χ^2 /NDF: 4.3/5

In: -230.047 $\pm$ 85.268 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -201.500 $\pm$ 58.667 χ^2 /NDF: 4.3/5

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.594+/-0.057 χ^2/NDF : 71562.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

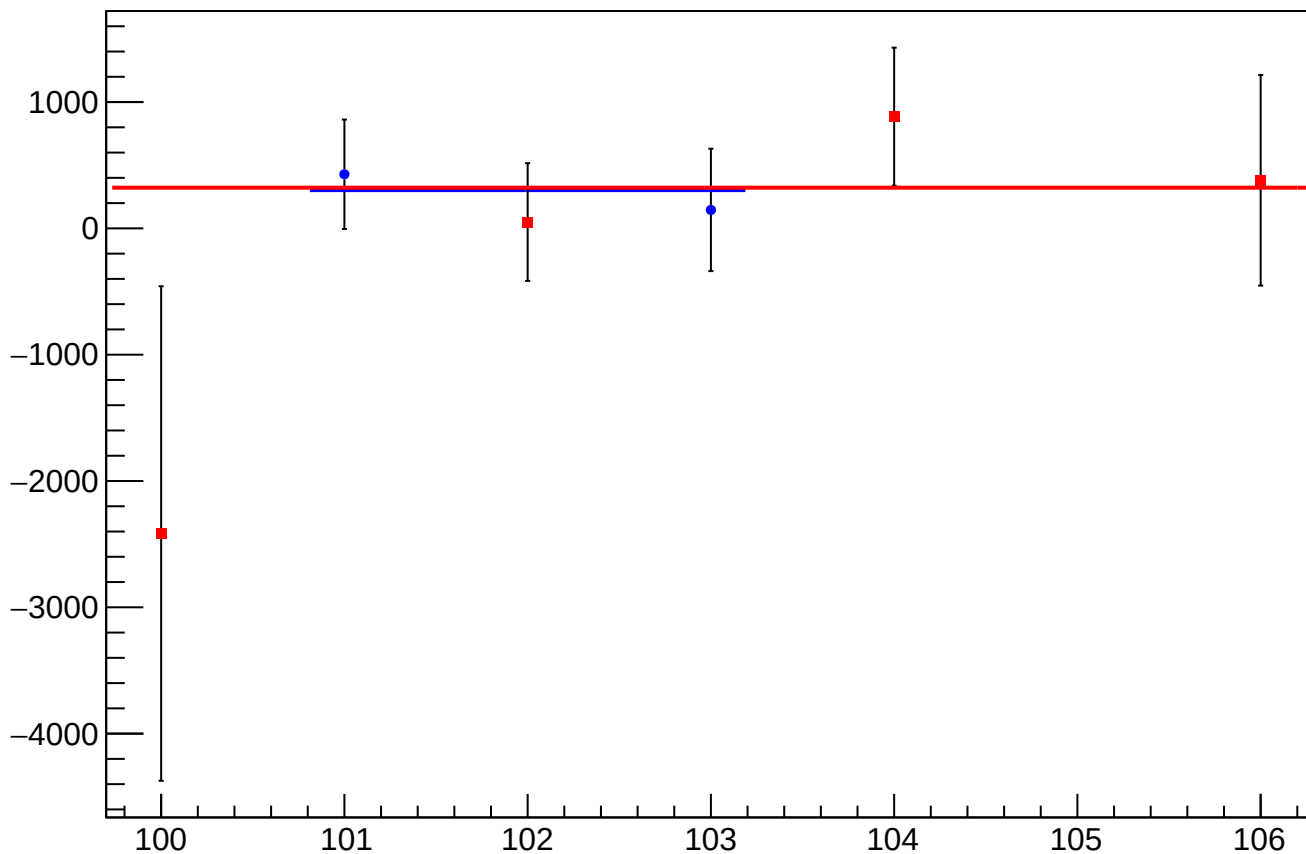
Right: 95.325+/-0.041 χ^2/NDF : 138167.0/5

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.325+/-0.041 χ^2/NDF : 138167.0/5

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 302.949+/-322.845 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.172+/-321.894 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

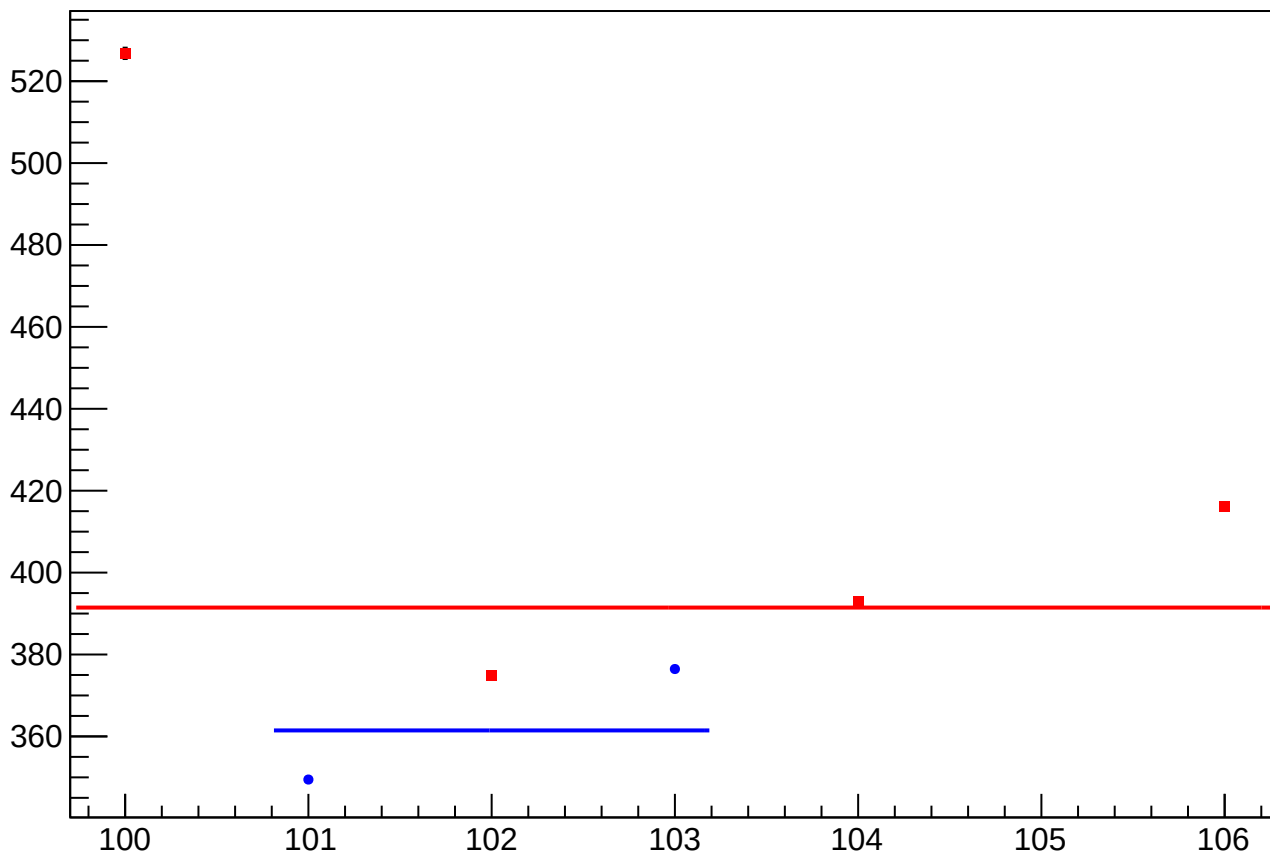
Right: 312.589+/-227.949 χ^2/NDF : 3.5/5

In: 302.949+/-322.845 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.589+/-227.949 χ^2/NDF : 3.5/5

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 391.462+/-0.228 χ^2/NDF : 13839.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

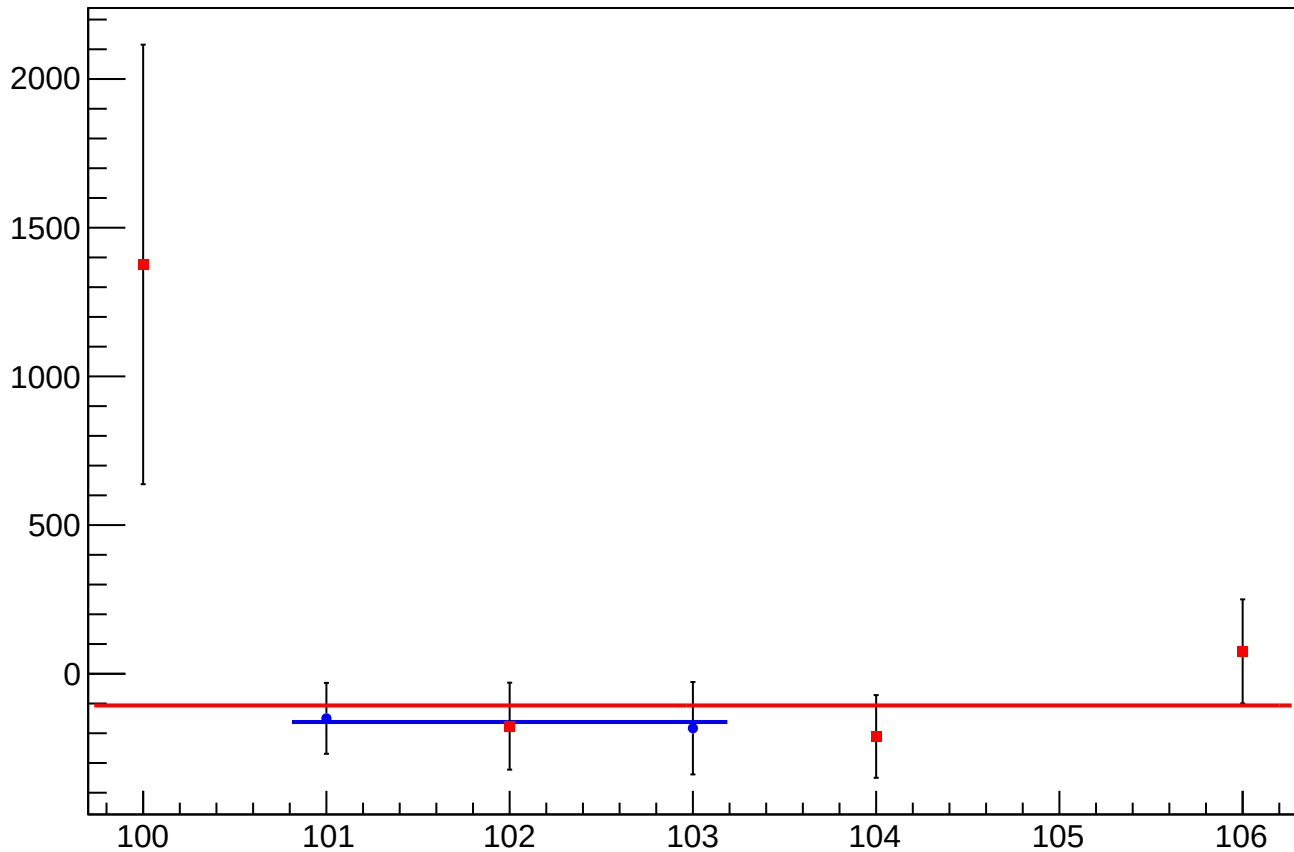
Right: 376.506+/-0.161 χ^2/NDF : 25951.0/5

In: 361.461+/-0.228 χ^2/NDF : 3451.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.506+/-0.161 χ^2/NDF : 25951.0/5

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -162.182+/-94.617 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.495+/-86.719 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

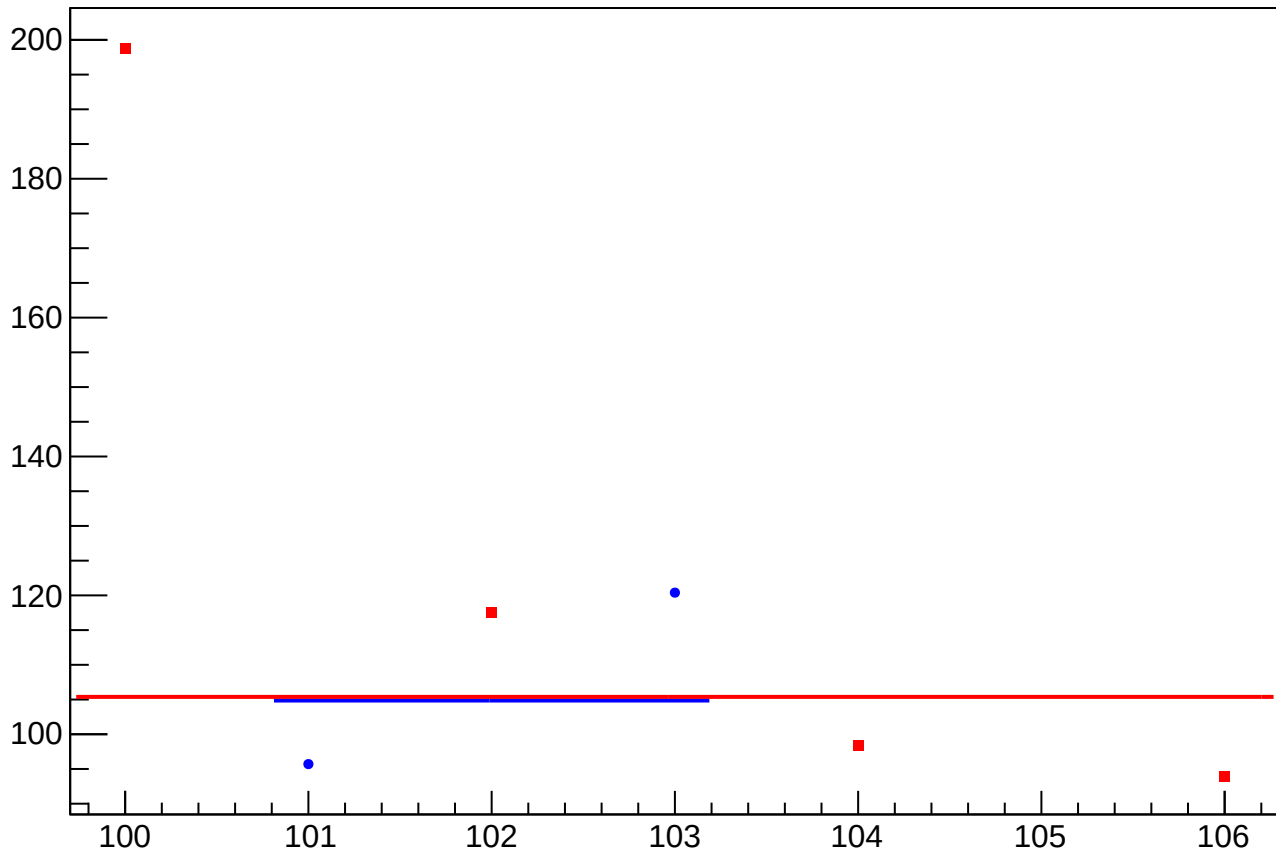
Right: -131.918+/-63.930 χ^2/NDF : 6.1/5

In: -162.182+/-94.617 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.918+/-63.930 χ^2/NDF : 6.1/5

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.857+/-0.067 χ^2/NDF : 31772.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.382+/-0.061 χ^2/NDF : 59360.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

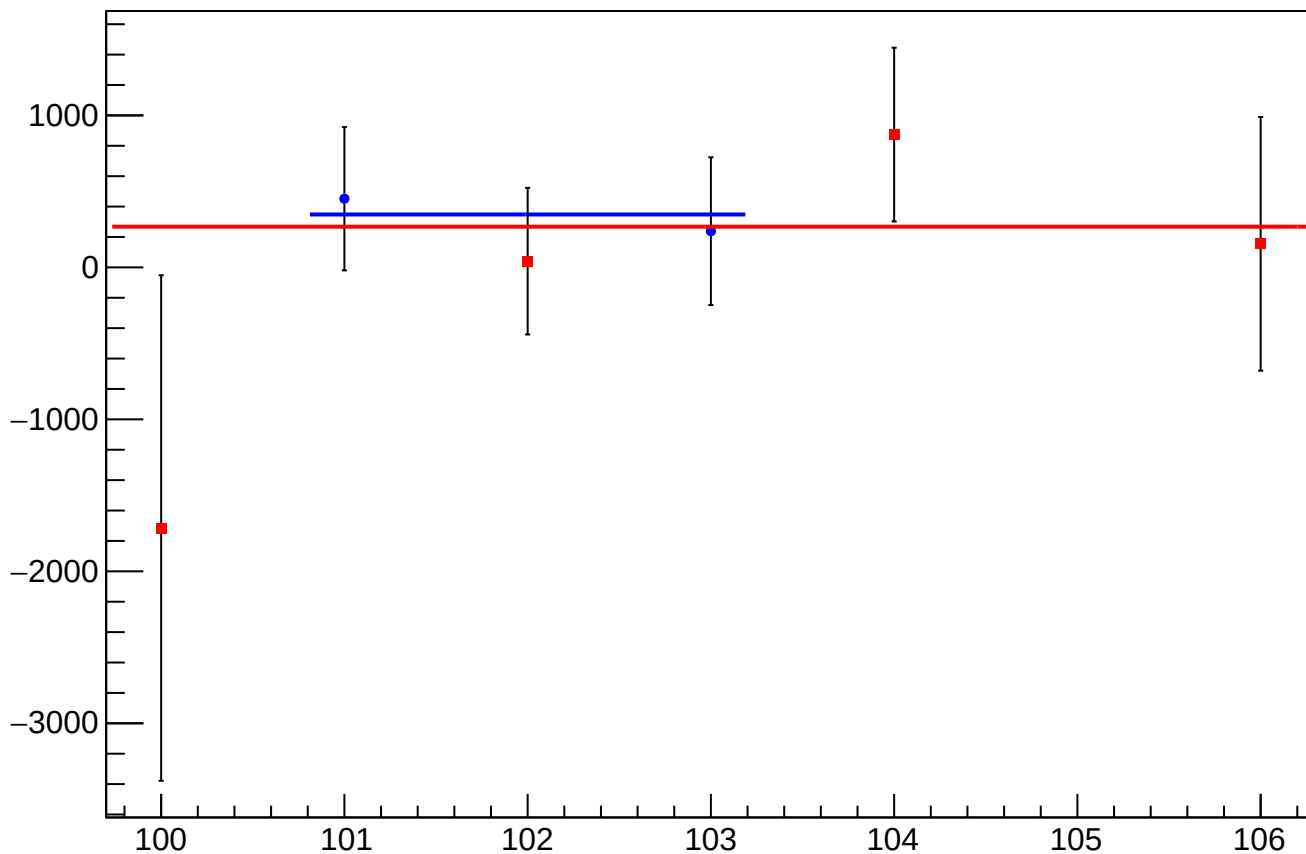
Right: 105.142+/-0.045 χ^2/NDF : 91166.3/5

In: 104.857+/-0.067 χ^2/NDF : 31772.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.142+/-0.045 χ^2/NDF : 91166.3/5

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.819+/-330.573 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

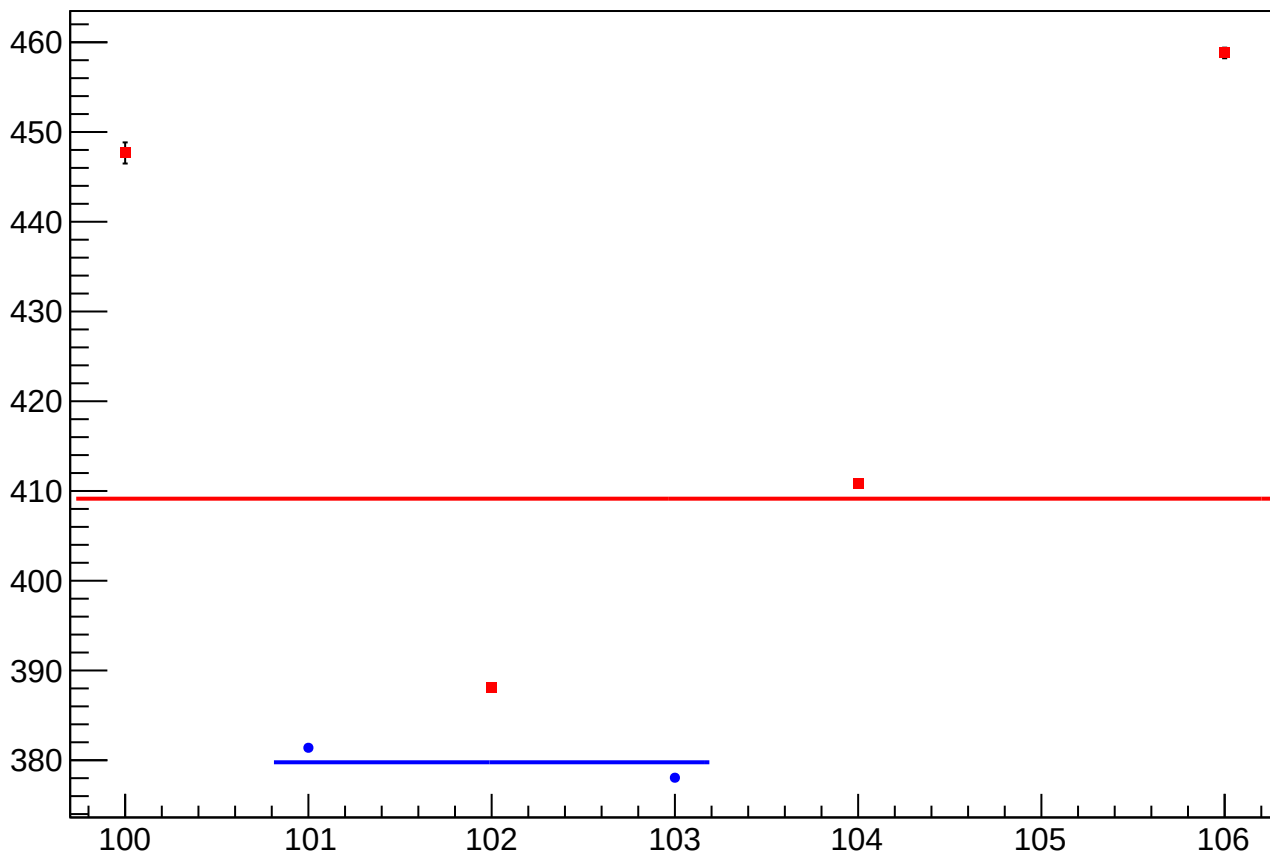
Right: 307.020+/-236.483 χ^2/NDF : 2.9/5

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.020+/-236.483 χ^2/NDF : 2.9/5

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 379.770 ± 0.239 $\chi^2/\text{NDF}: 48.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 409.143 ± 0.234 $\chi^2/\text{NDF}: 11993.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

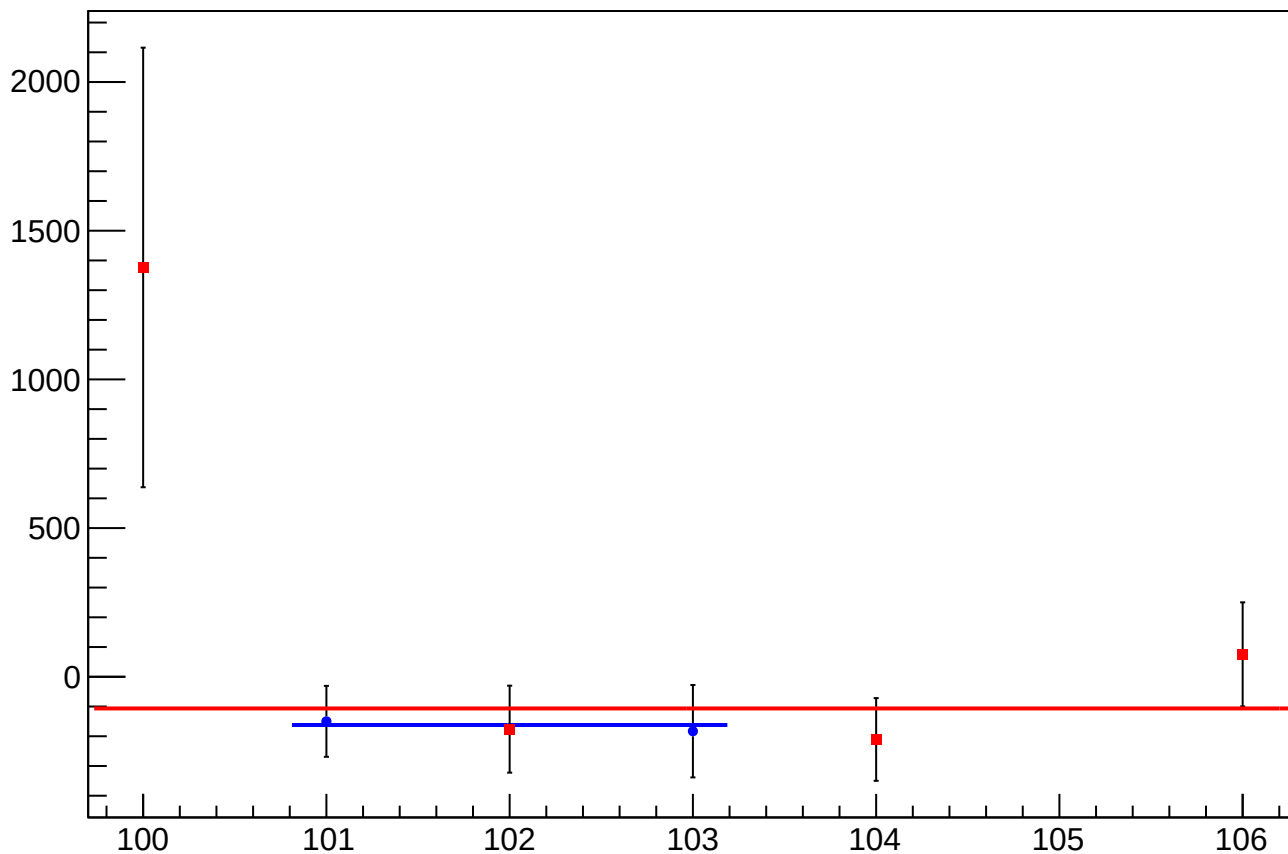
Right: 394.802 ± 0.167 $\chi^2/\text{NDF}: 19751.0/5$

In: 379.770 ± 0.239 $\chi^2/\text{NDF}: 48.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 394.802 ± 0.167 $\chi^2/\text{NDF}: 19751.0/5$

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -162.183+/-94.616 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -106.493+/-86.719 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

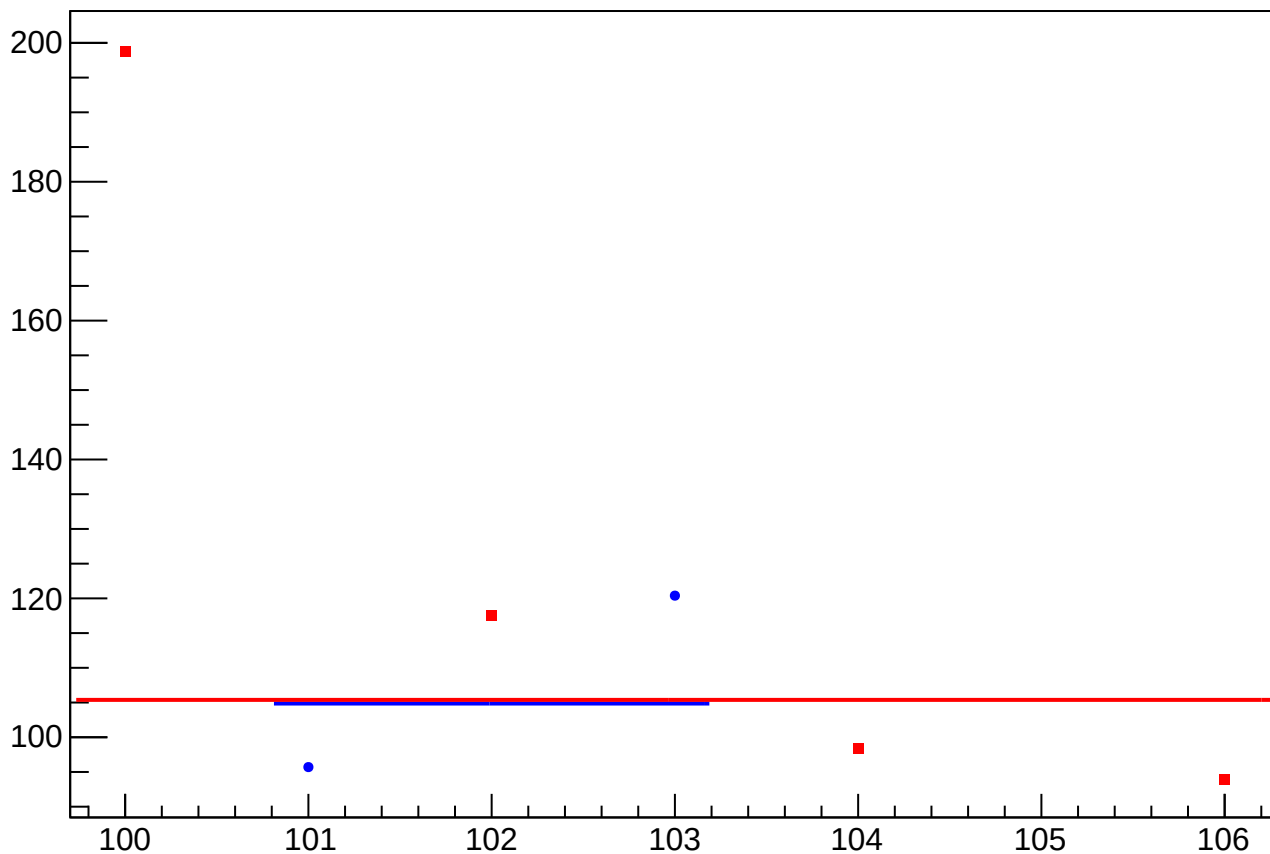
Right: -131.917+/-63.929 χ^2/NDF : 6.1/5

In: -162.183+/-94.616 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.917+/-63.929 χ^2/NDF : 6.1/5

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 104.856+/-0.067 χ^2/NDF : 31774.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.382+/-0.061 χ^2/NDF : 59361.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

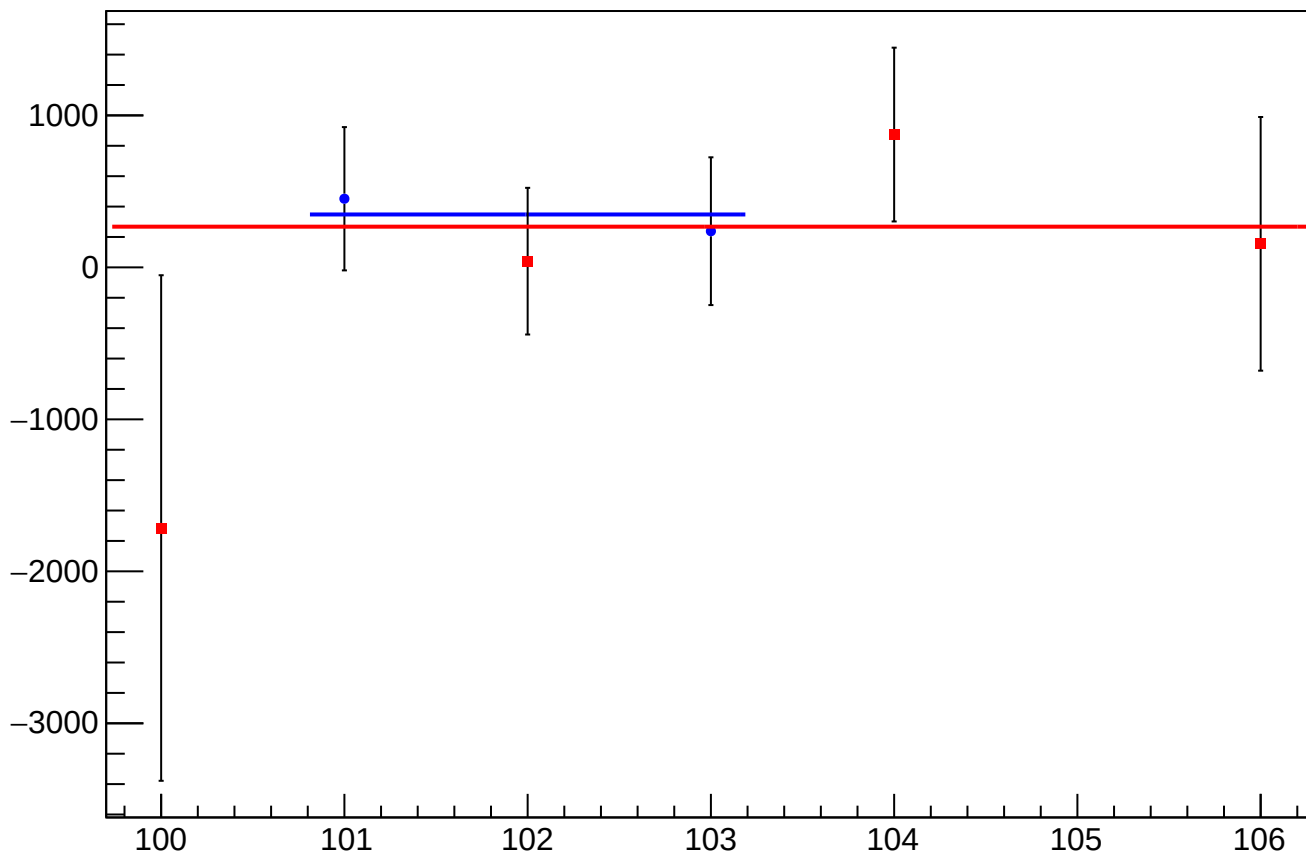
Right: 105.142+/-0.045 χ^2/NDF : 91169.1/5

In: 104.856+/-0.067 χ^2/NDF : 31774.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.142+/-0.045 χ^2/NDF : 91169.1/5

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.820+/-330.573 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

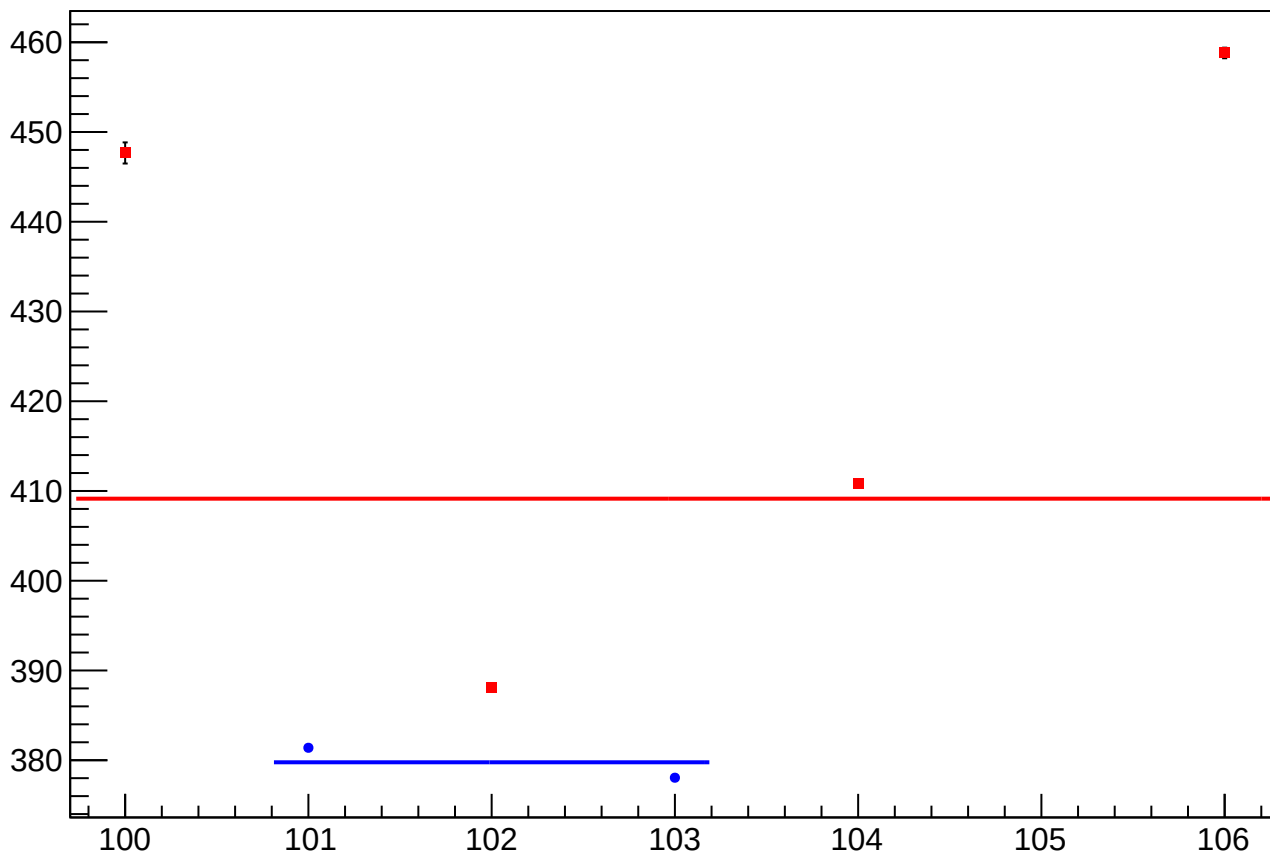
Right: 307.021+/-236.483 χ^2/NDF : 2.9/5

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.021+/-236.483 χ^2/NDF : 2.9/5

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 379.770 $\pm$ 0.239 χ^2 /NDF: 48.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 409.143 $\pm$ 0.234 χ^2 /NDF: 11992.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

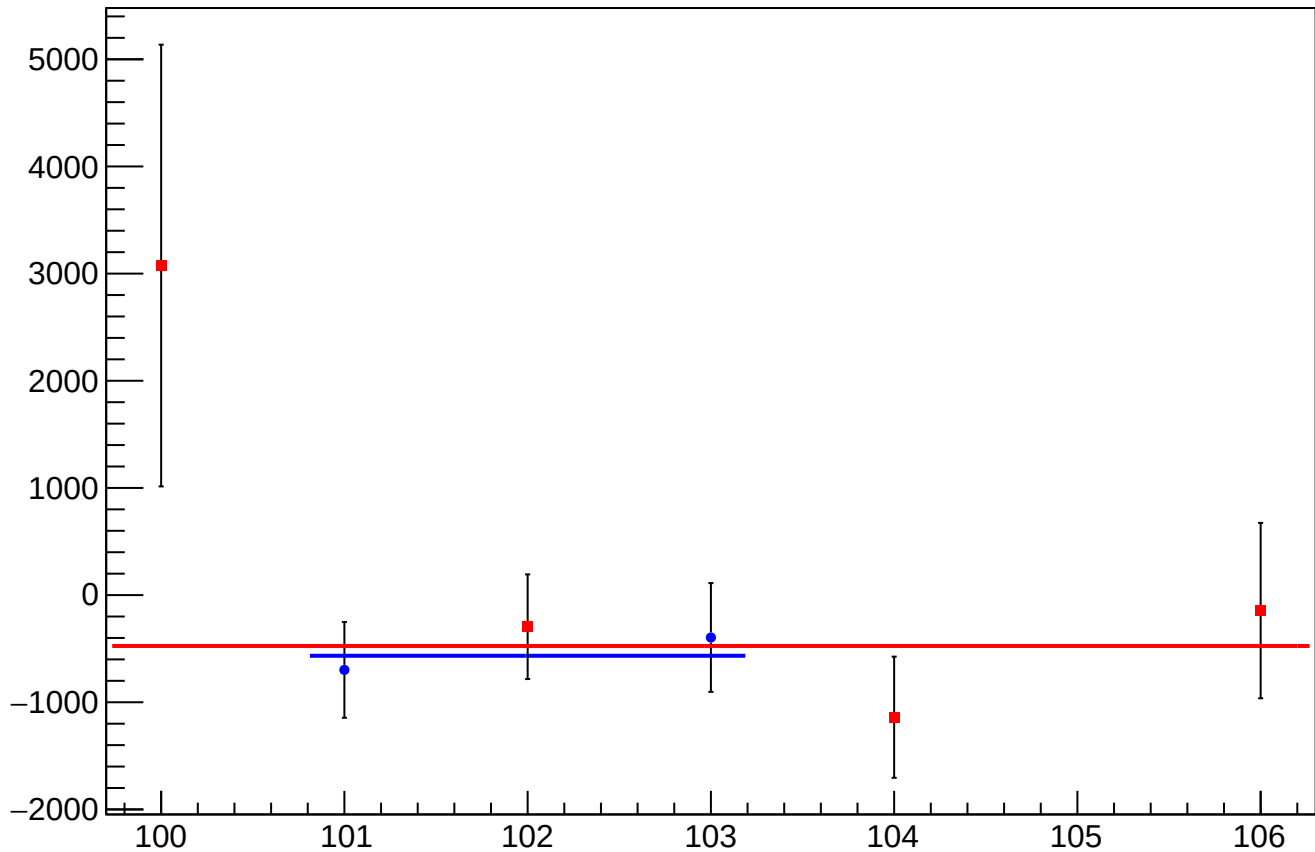
Right: 394.802 $\pm$ 0.167 χ^2 /NDF: 19750.9/5

In: 379.770 $\pm$ 0.239 χ^2 /NDF:48.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 394.802 $\pm$ 0.167 χ^2 /NDF: 19750.9/5

asym_sam6_mean vs Slug, Sign Corrected



Right In: -566.116 $\pm$ 335.413 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -474.608 $\pm$ 332.403 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

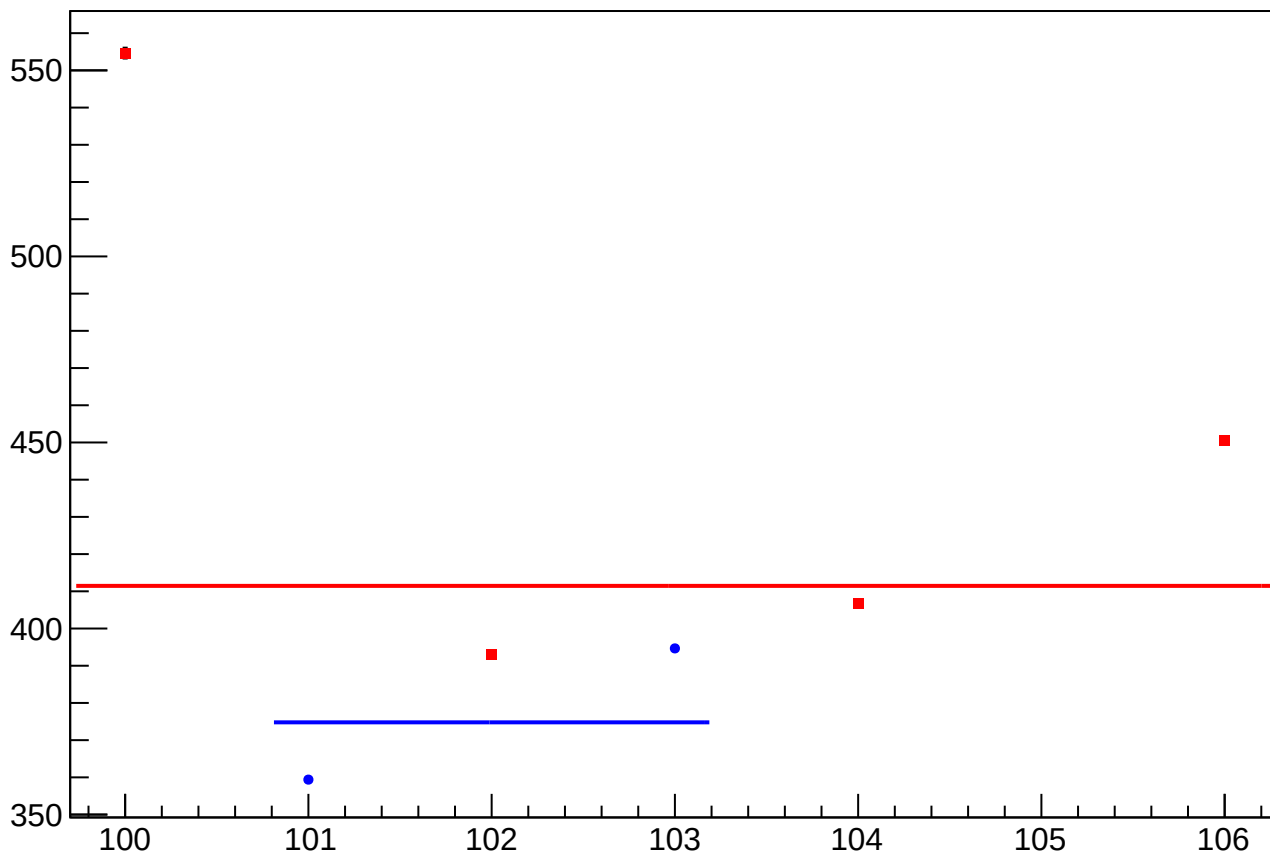
Right: -519.950 $\pm$ 236.102 χ^2 /NDF: 4.9/5

In: -566.116 $\pm$ 335.413 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -519.950 $\pm$ 236.102 χ^2 /NDF: 4.9/5

asym_sam6_rms vs Slug, Sign Corrected



Right In: 374.786+/-0.237 χ^2/NDF : 5438.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 411.460+/-0.235 χ^2/NDF : 17207.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

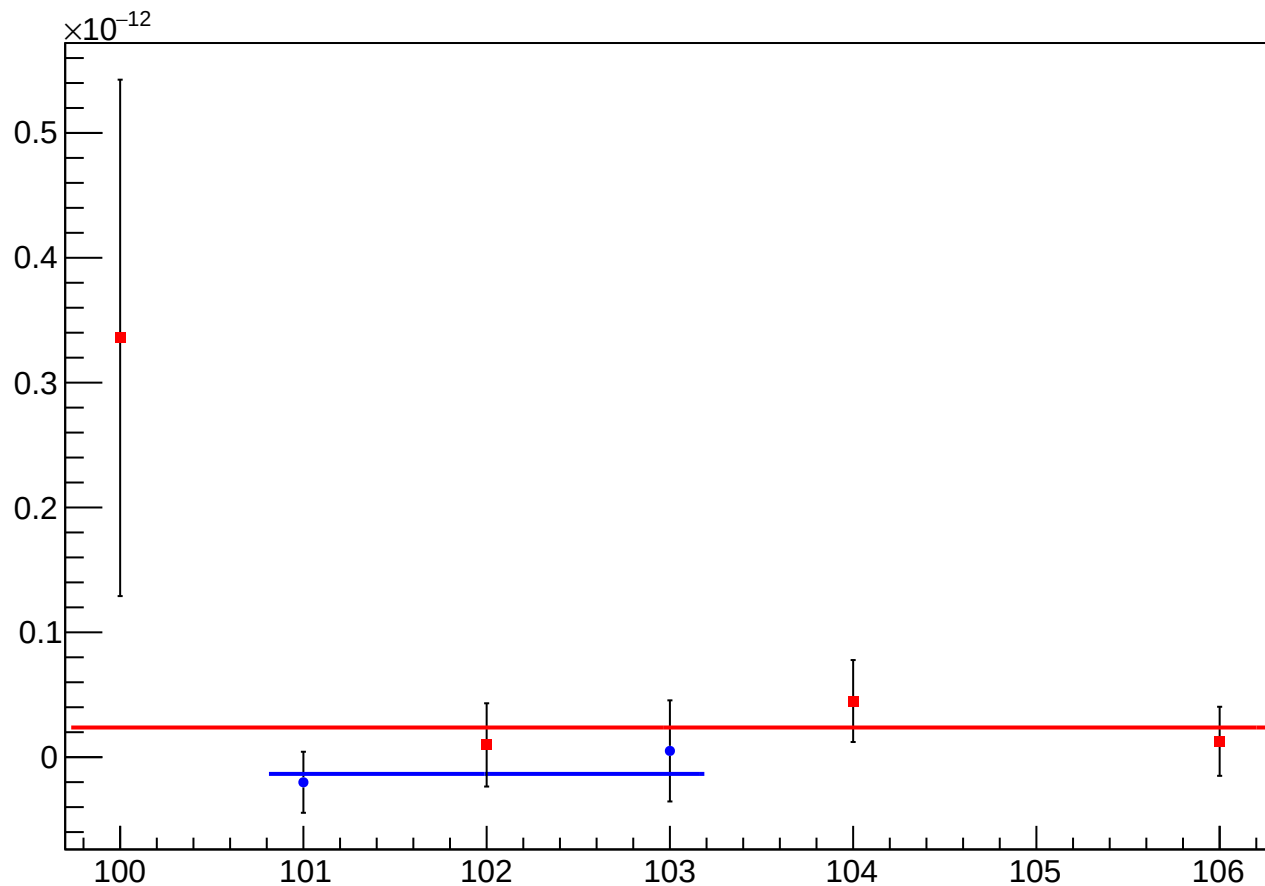
Right: 393.288+/-0.167 χ^2/NDF : 34709.5/5

In: 374.786+/-0.237 χ^2/NDF : 5438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.288+/-0.167 χ^2/NDF : 34709.5/5

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

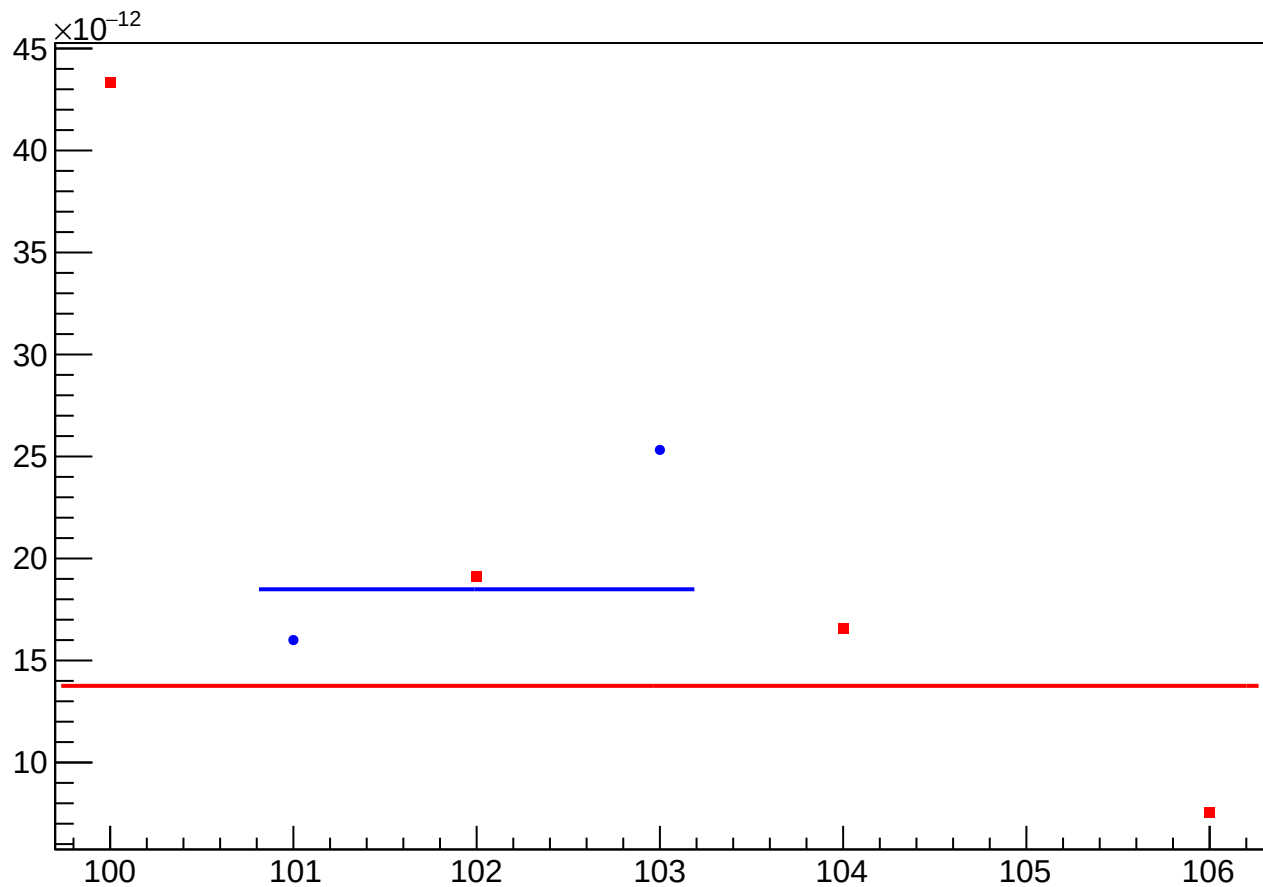
Right: 0.000+/-0.000 χ^2/NDF : 5.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.1/5

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 77644.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 207463.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

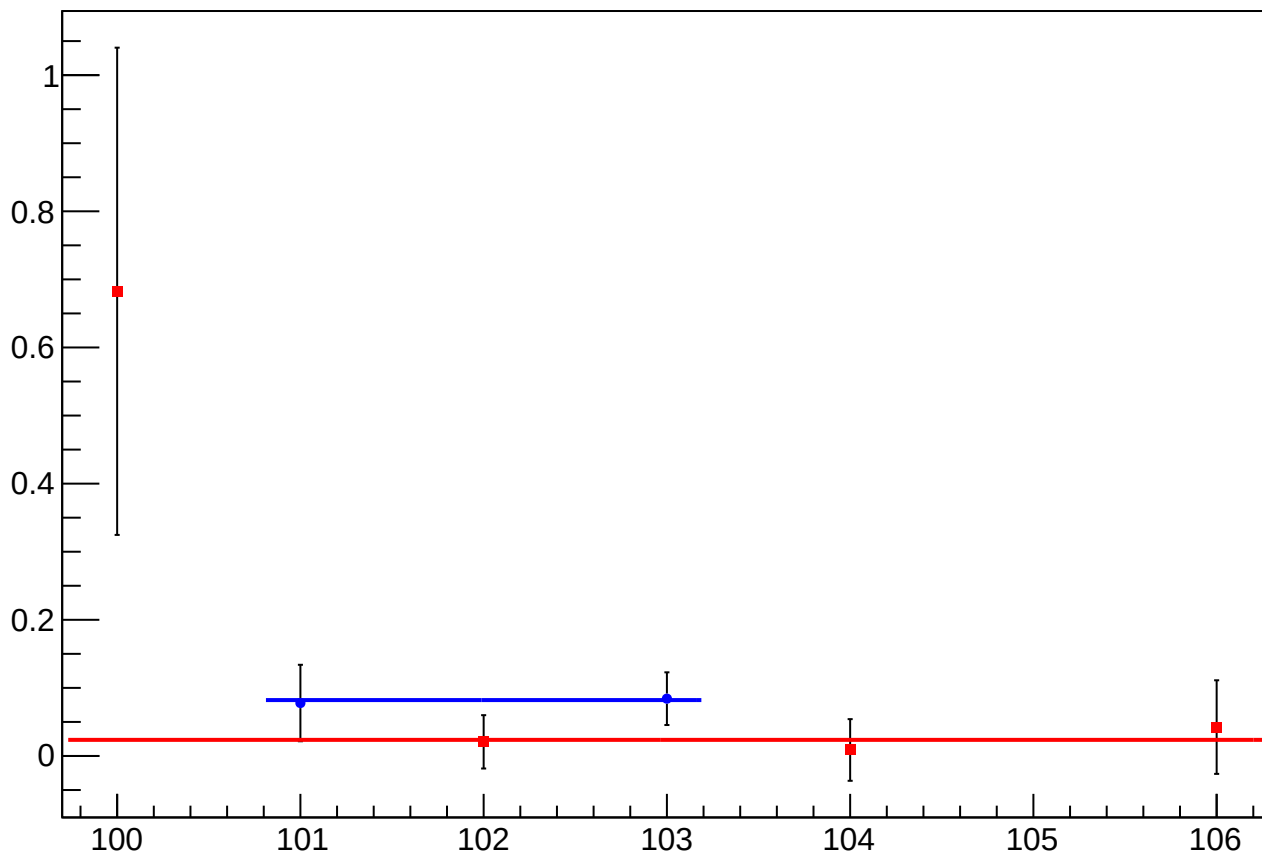
Right: 0.000+/-0.000 χ^2/NDF : 344510.0/5

In: 0.000+/-0.000 χ^2/NDF : 77644.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 344510.0/5

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.027 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

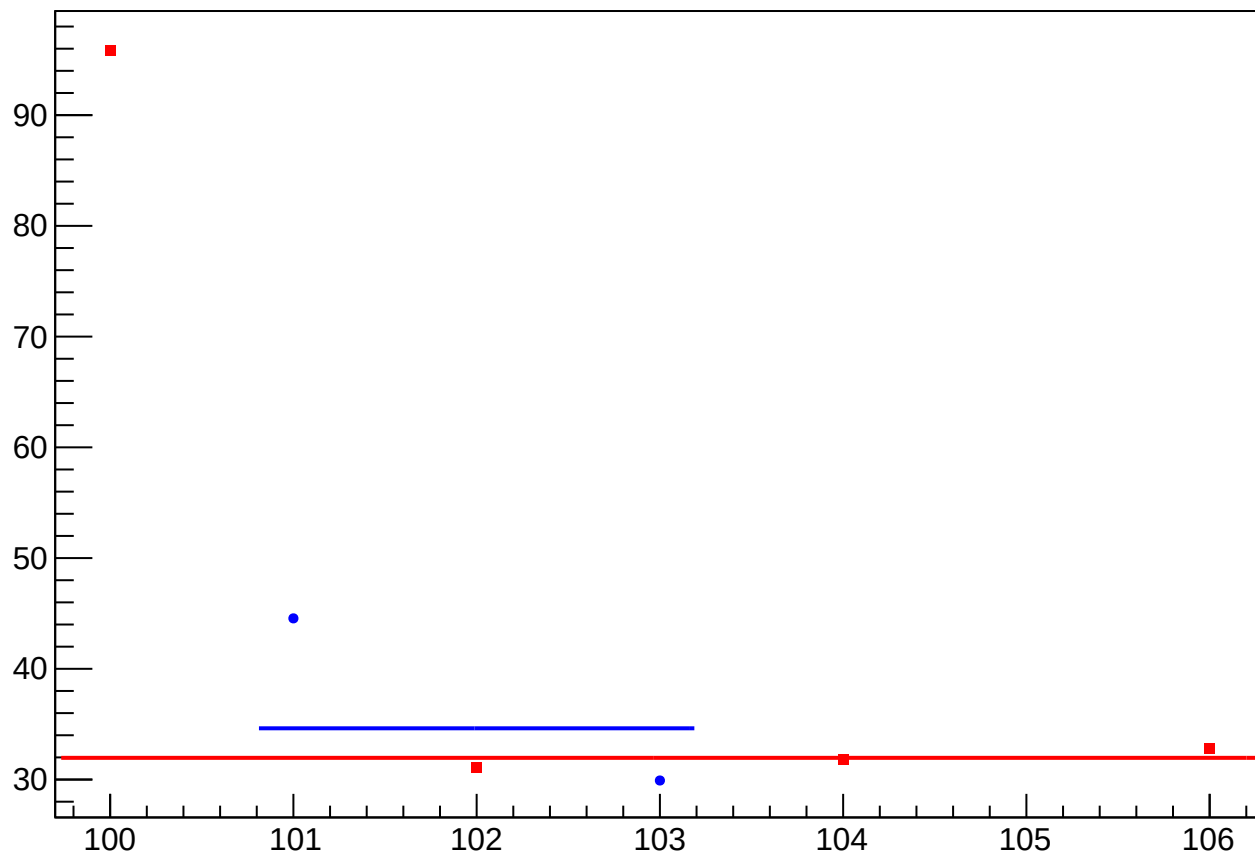
Right: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628+/-0.023 χ^2/NDF : 92192.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.960+/-0.019 χ^2/NDF : 65118.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

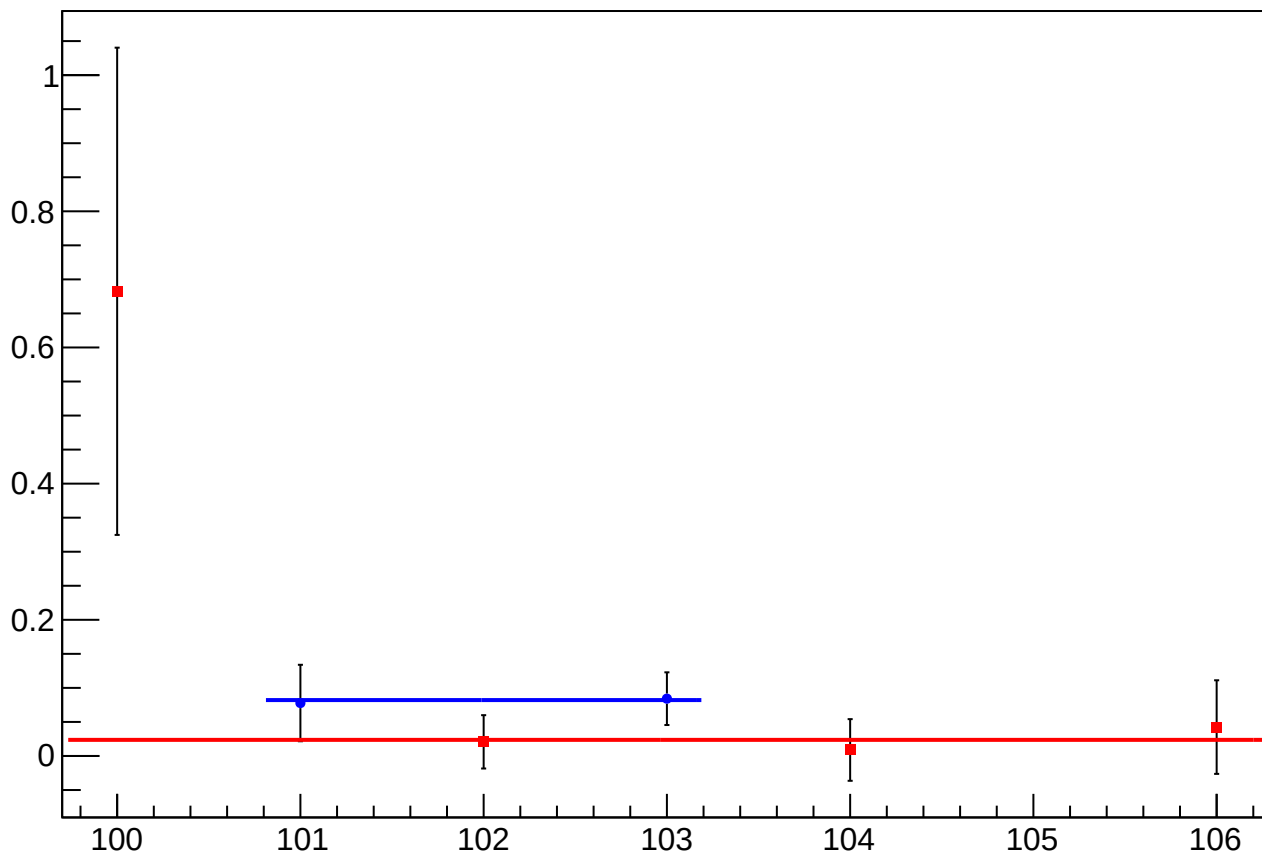
Right: 33.082+/-0.015 χ^2/NDF : 165435.7/5

In: 34.628+/-0.023 χ^2/NDF : 92192.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.082+/-0.015 χ^2/NDF : 165435.7/5

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.027 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

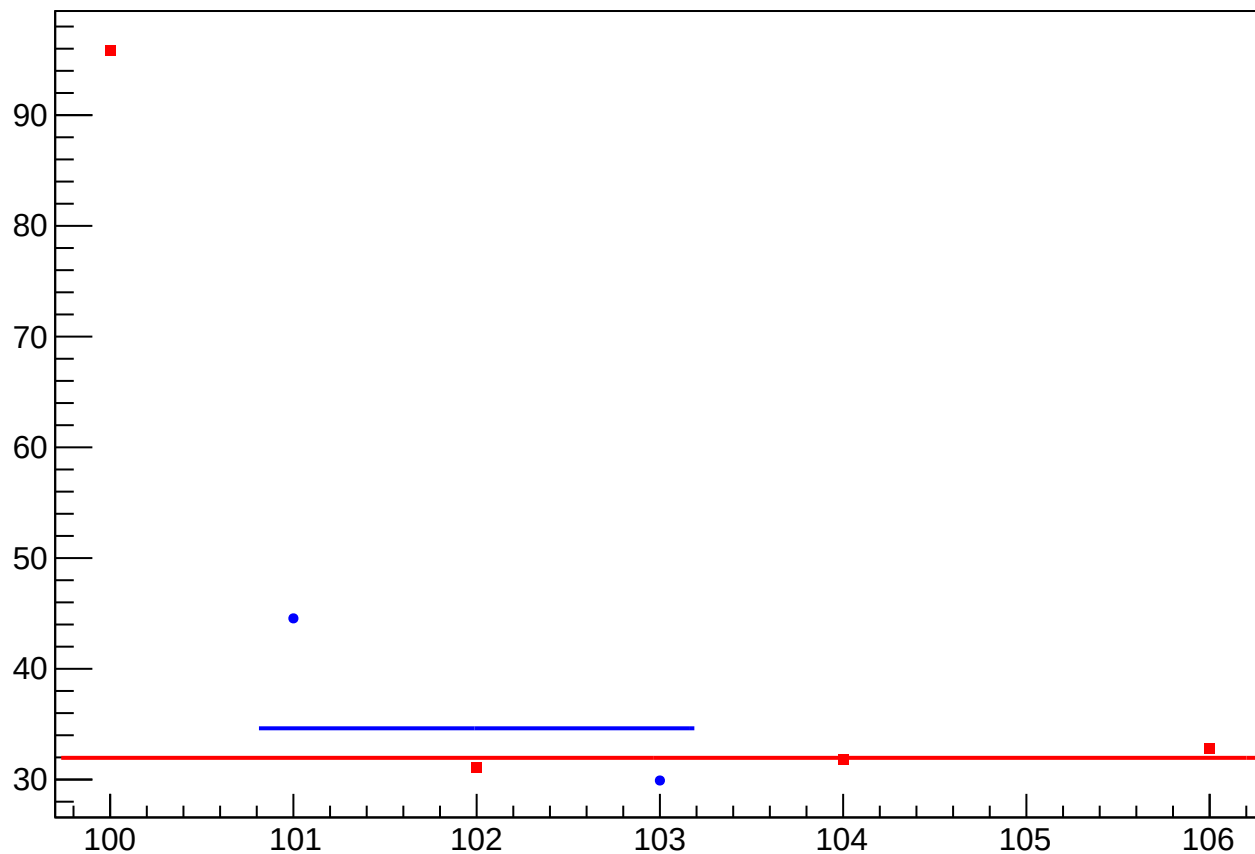
Right: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 $\pm$ 0.023 χ^2 /NDF: 92192.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.960 $\pm$ 0.019 χ^2 /NDF: 65118.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

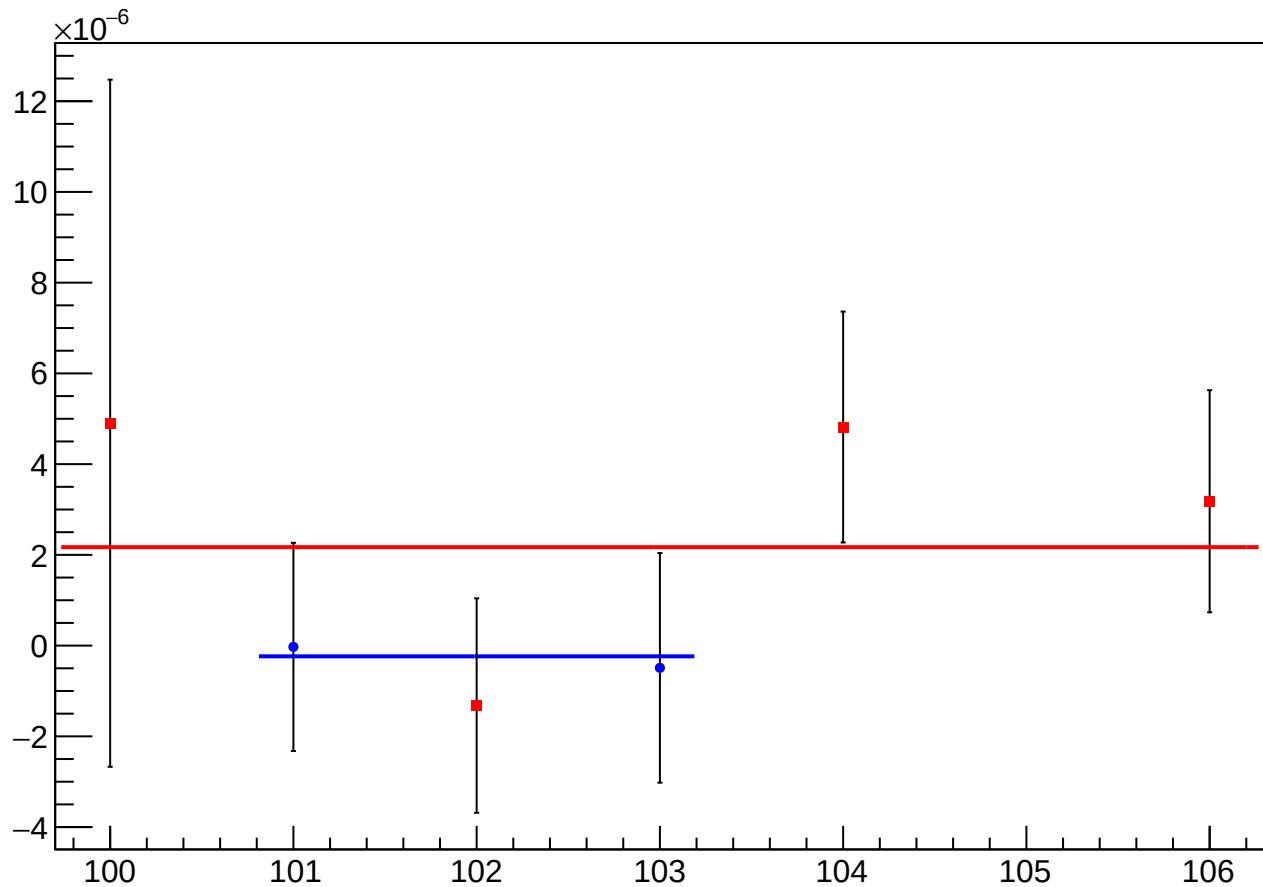
Right: 33.082 $\pm$ 0.015 χ^2 /NDF: 165435.7/5

In: 34.628 $\pm$ 0.023 χ^2 /NDF: 92192.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.082 $\pm$ 0.015 χ^2 /NDF: 165435.7/5

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

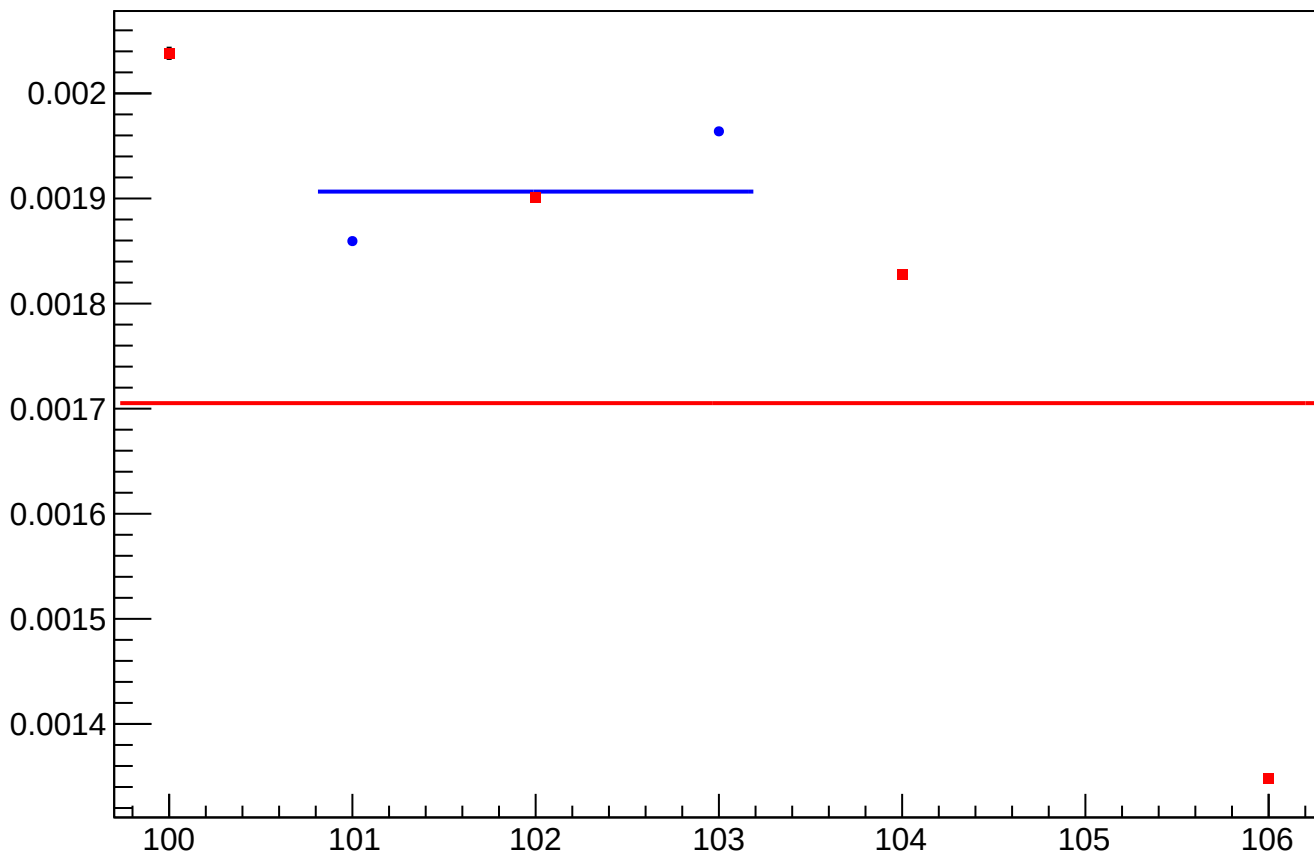
Right: 0.000+/-0.000 χ^2 /NDF: 4.8/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 4.8/5

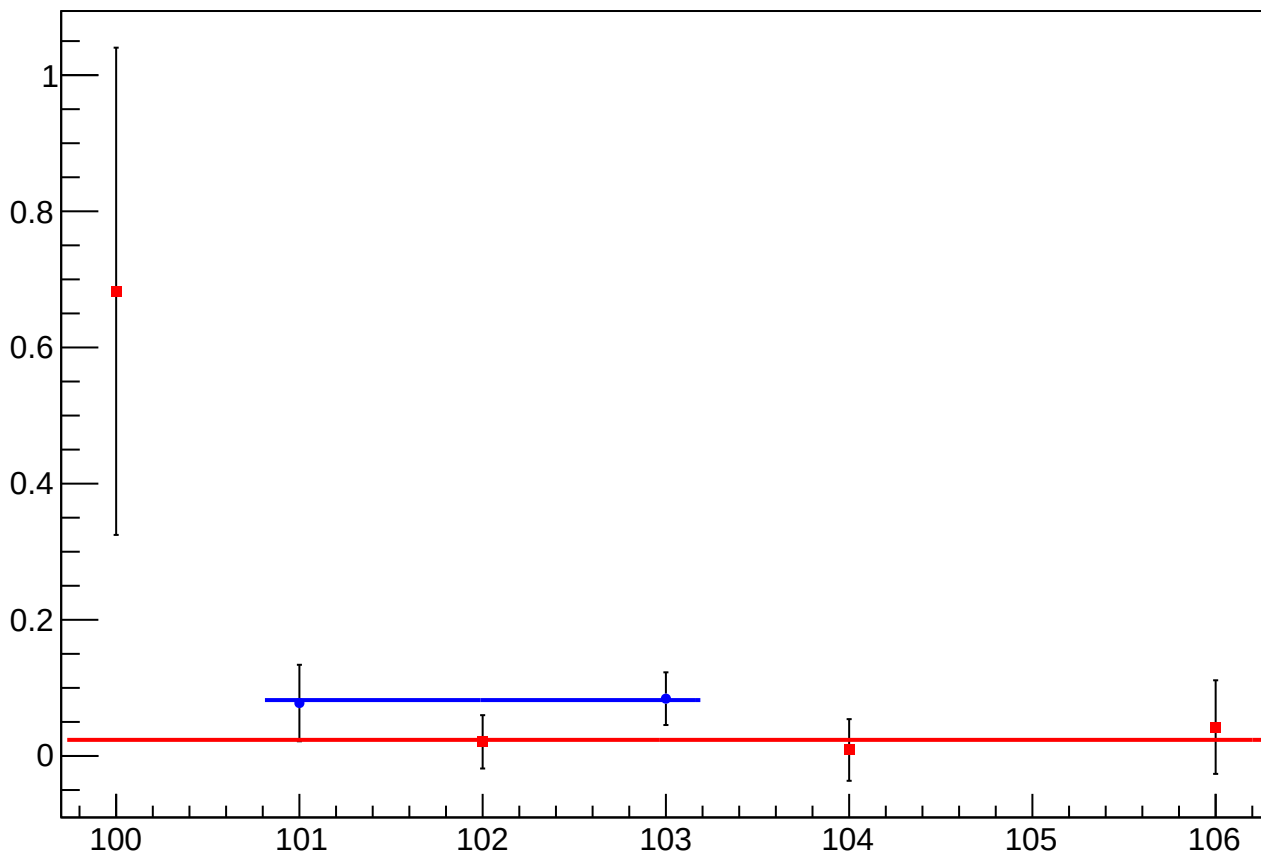
asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1868.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 64846.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 83520.5/5
 In: 0.002+/-0.000 χ^2/NDF : 1868.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 83520.5/5

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.032 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.027 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

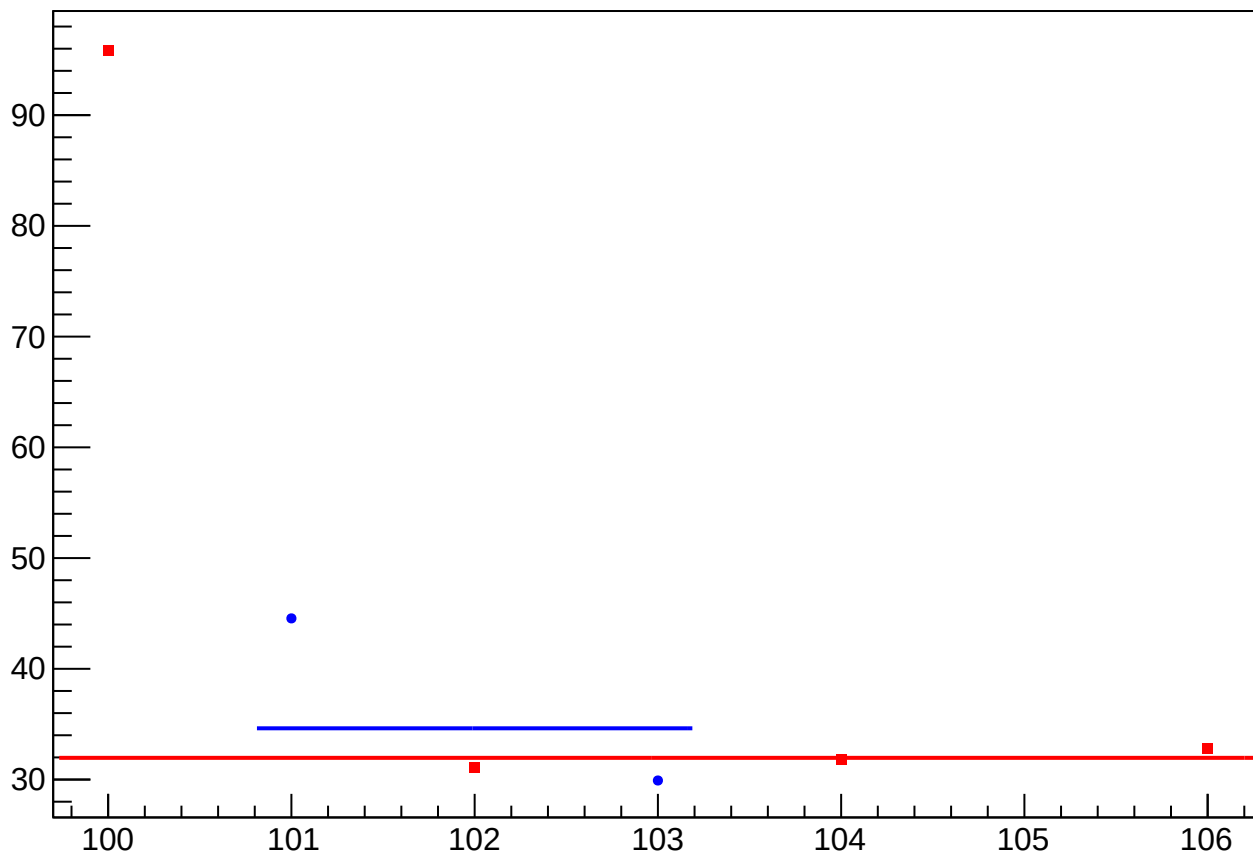
Right: 0.048+/-0.021 χ^2/NDF : 5.5/5

In: 0.082+/-0.032 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.021 χ^2/NDF : 5.5/5

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628+/-0.023 χ^2/NDF : 92172.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.960+/-0.019 χ^2/NDF : 65117.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

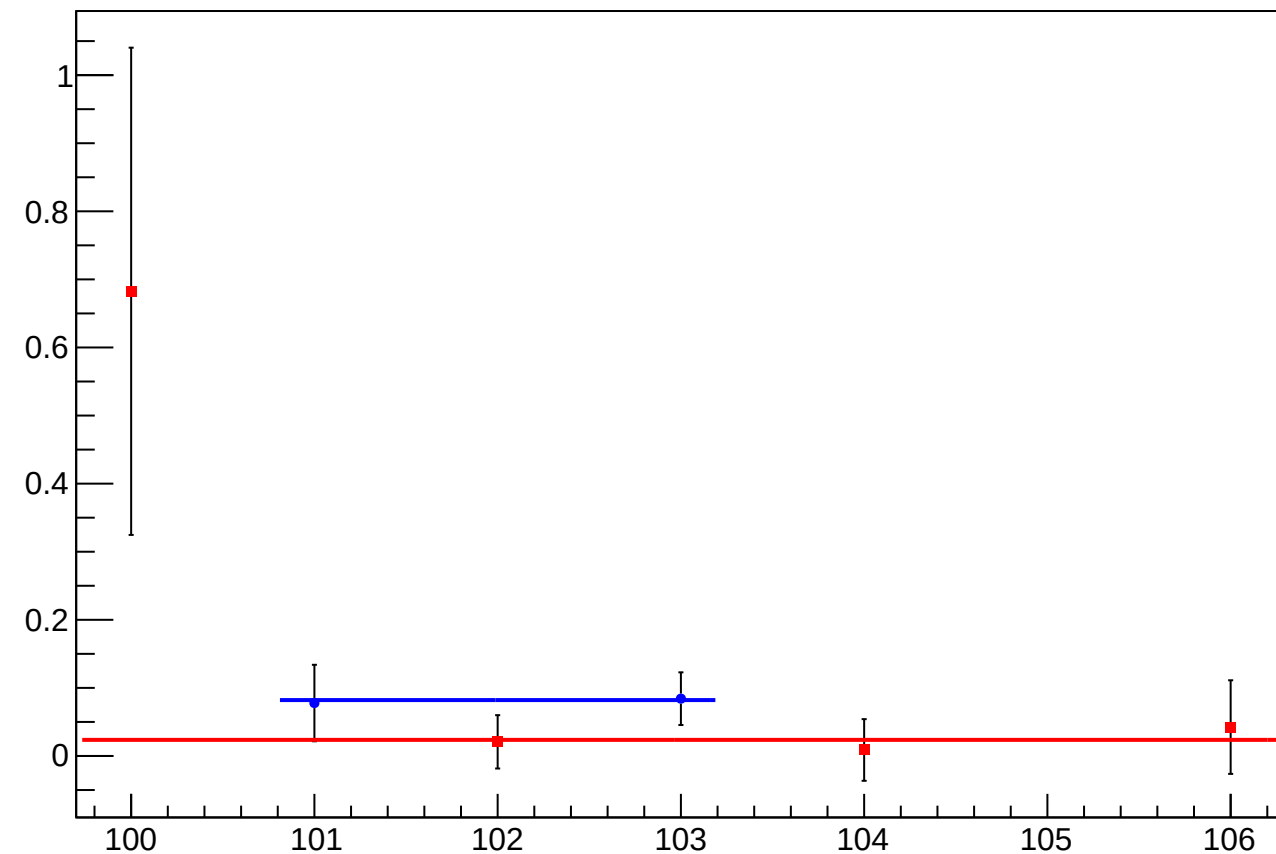
Right: 33.081+/-0.015 χ^2/NDF : 165415.0/5

In: 34.628+/-0.023 χ^2/NDF : 92172.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.081+/-0.015 χ^2/NDF : 165415.0/5

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.027 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

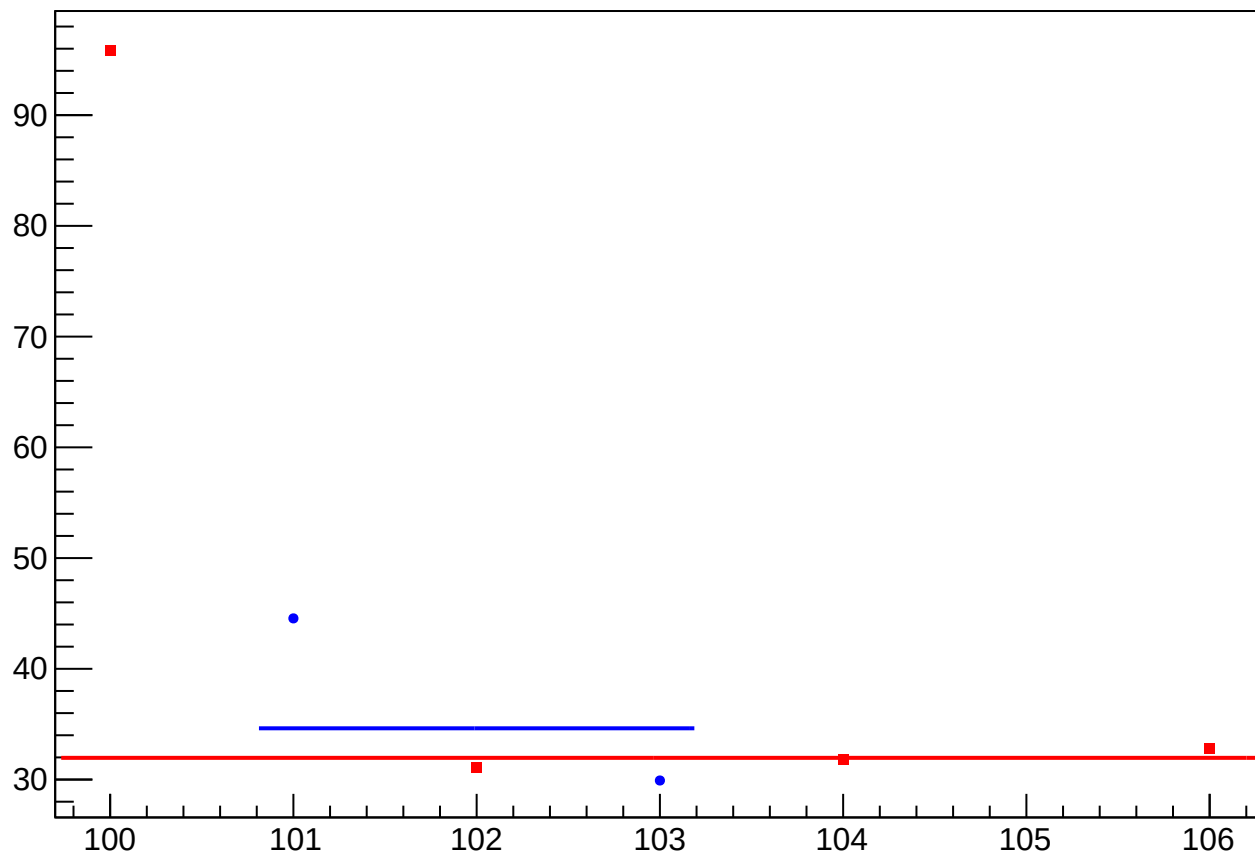
Right: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

In: 0.082 $\pm$ 0.032 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.048 $\pm$ 0.021 χ^2 /NDF: 5.5/5

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628+/-0.023 χ^2/NDF : 92172.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.960+/-0.019 χ^2/NDF : 65117.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

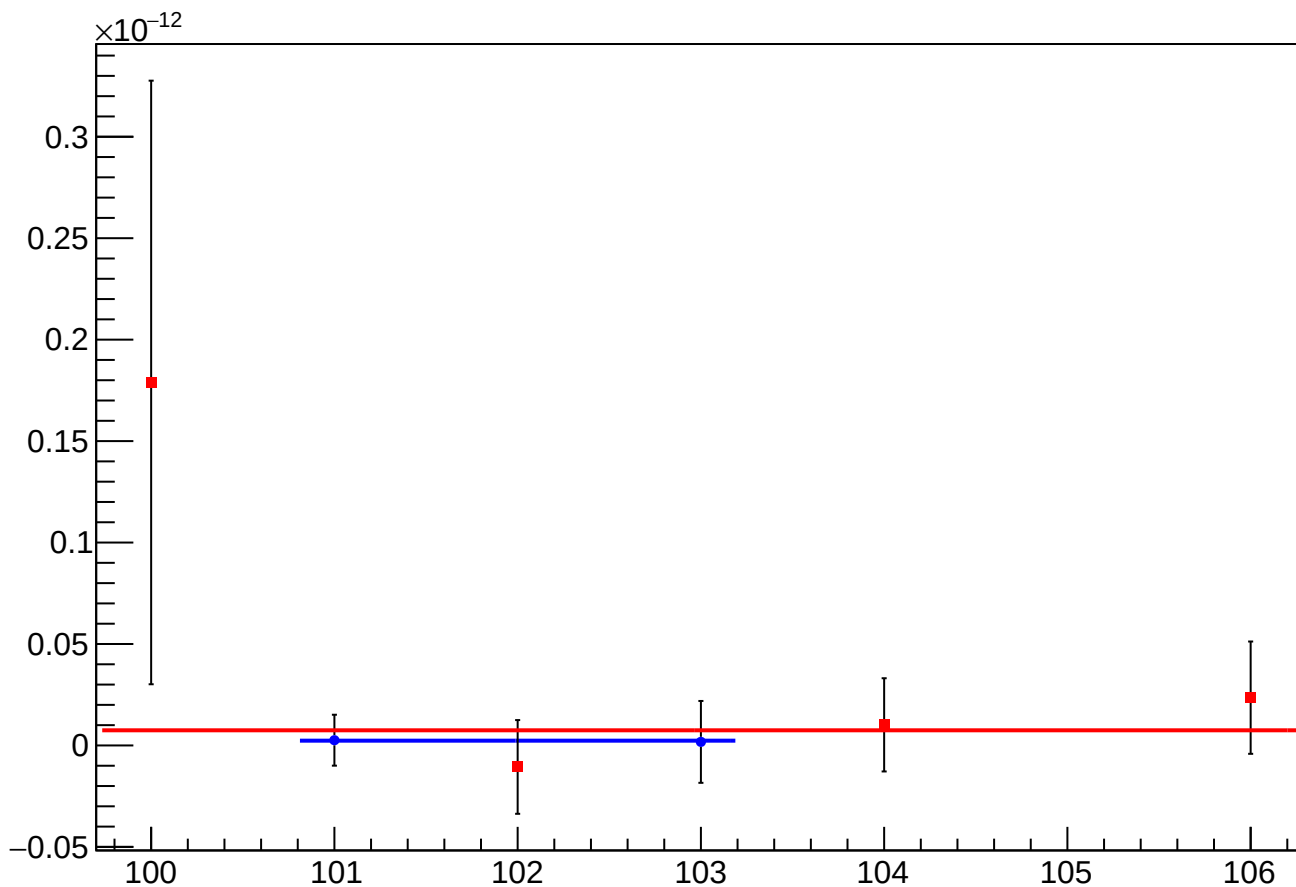
Right: 33.081+/-0.015 χ^2/NDF : 165415.0/5

In: 34.628+/-0.023 χ^2/NDF : 92172.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.081+/-0.015 χ^2/NDF : 165415.0/5

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

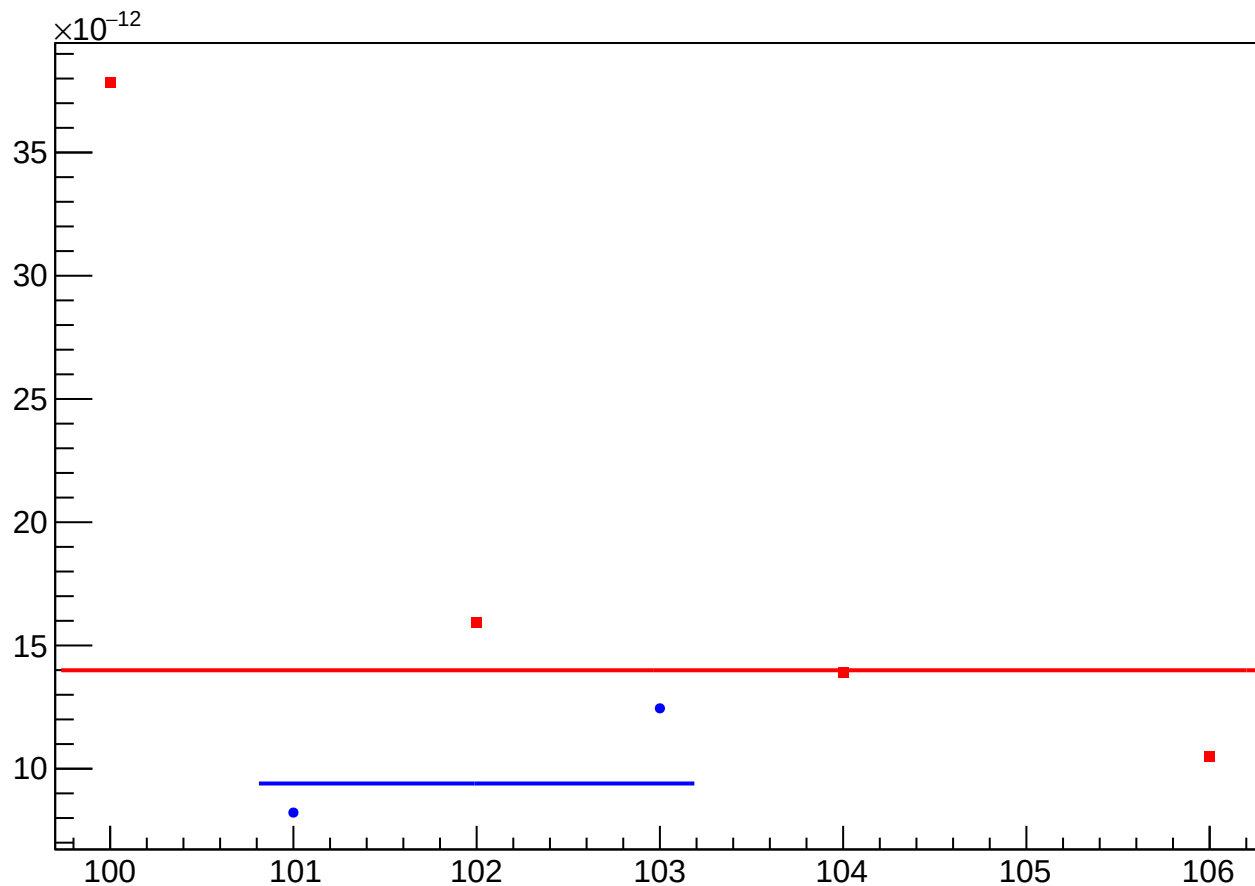
Right: 0.000+/-0.000 χ^2 /NDF: 2.4/5

In: 0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 2.4/5

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 63383.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 97145.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

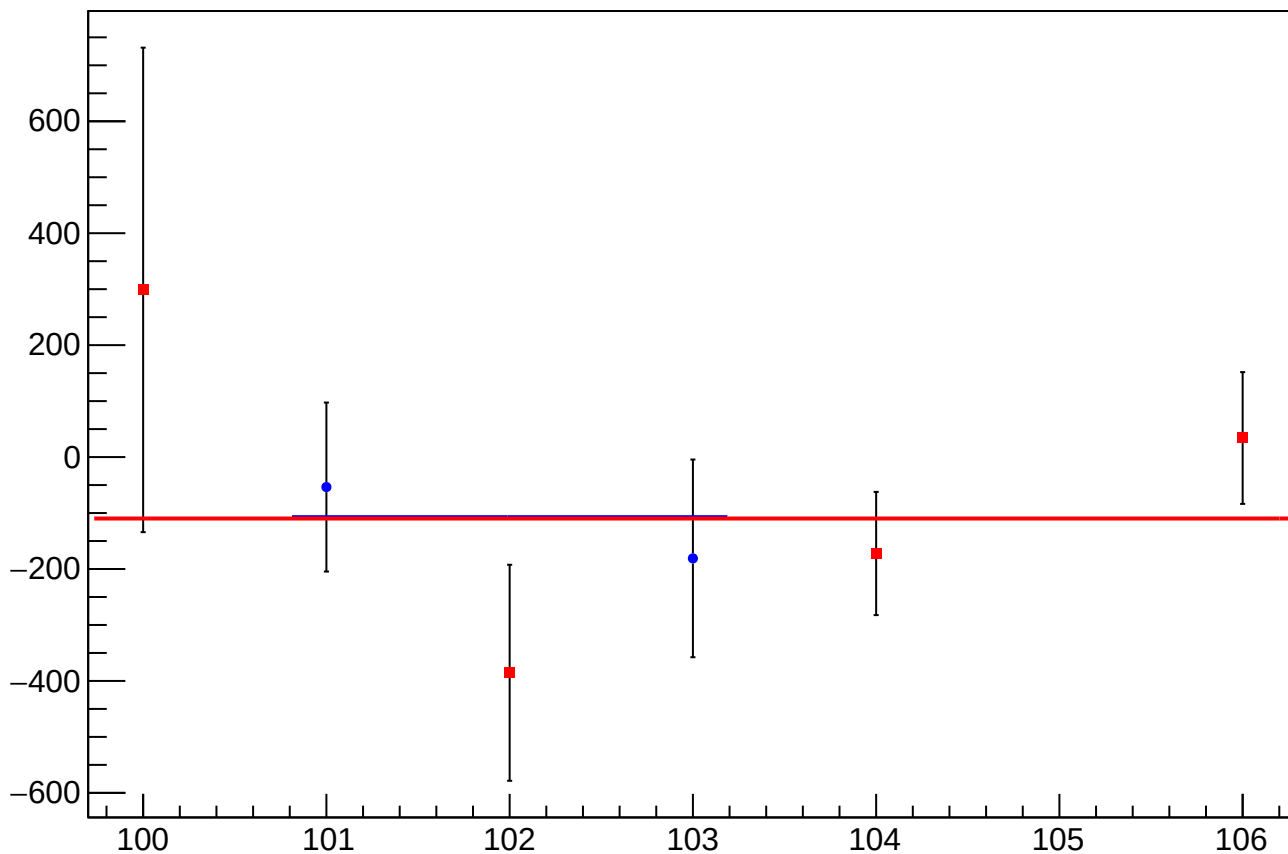
Right: 0.000+/-0.000 χ^2/NDF : 297171.8/5

In: 0.000+/-0.000 χ^2/NDF : 63383.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 297171.8/5

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.375+/-114.766 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.780+/-73.157 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

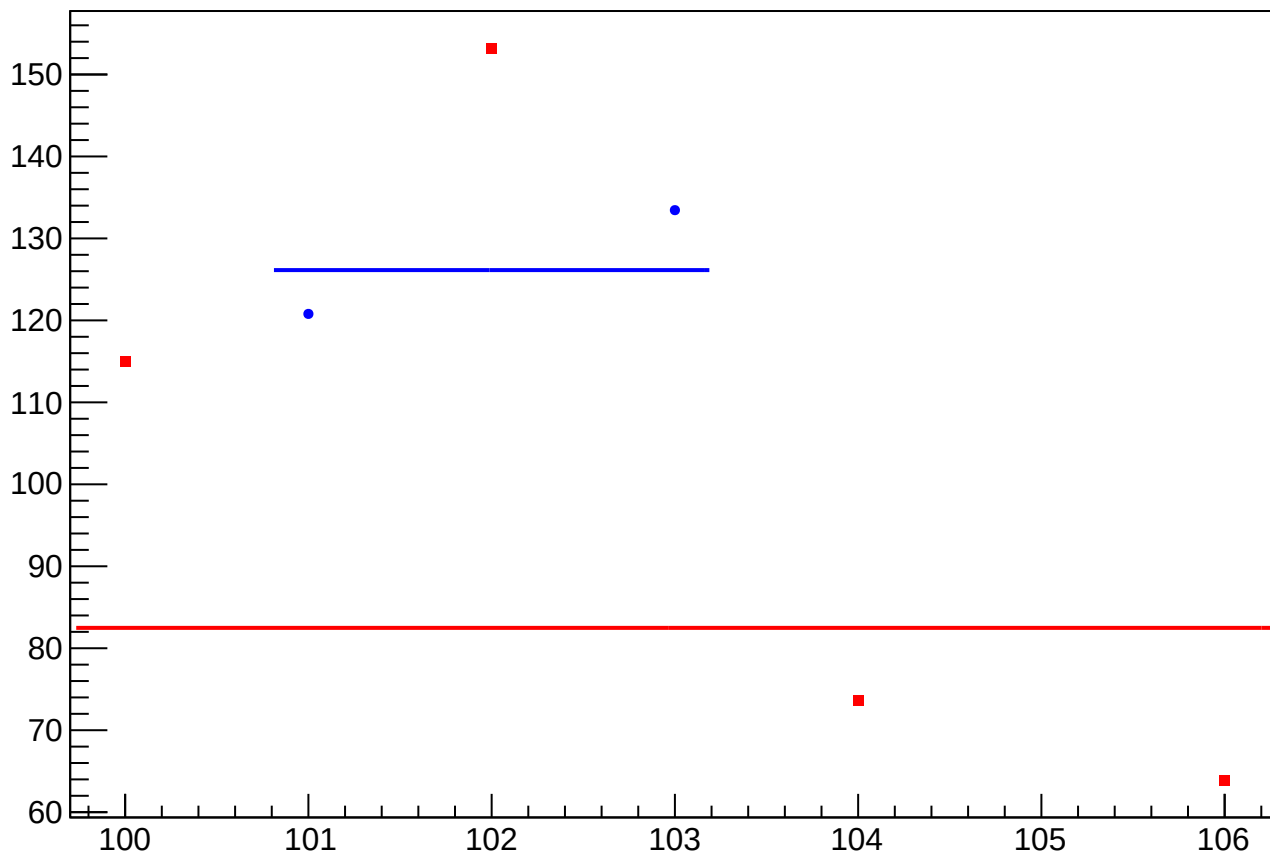
Right: -109.085+/-61.689 χ^2/NDF : 5.0/5

In: -107.375+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.085+/-61.689 χ^2/NDF : 5.0/5

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136 $\pm$ 0.081 χ^2 /NDF: 5934.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.486 $\pm$ 0.052 χ^2 /NDF: 341988.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

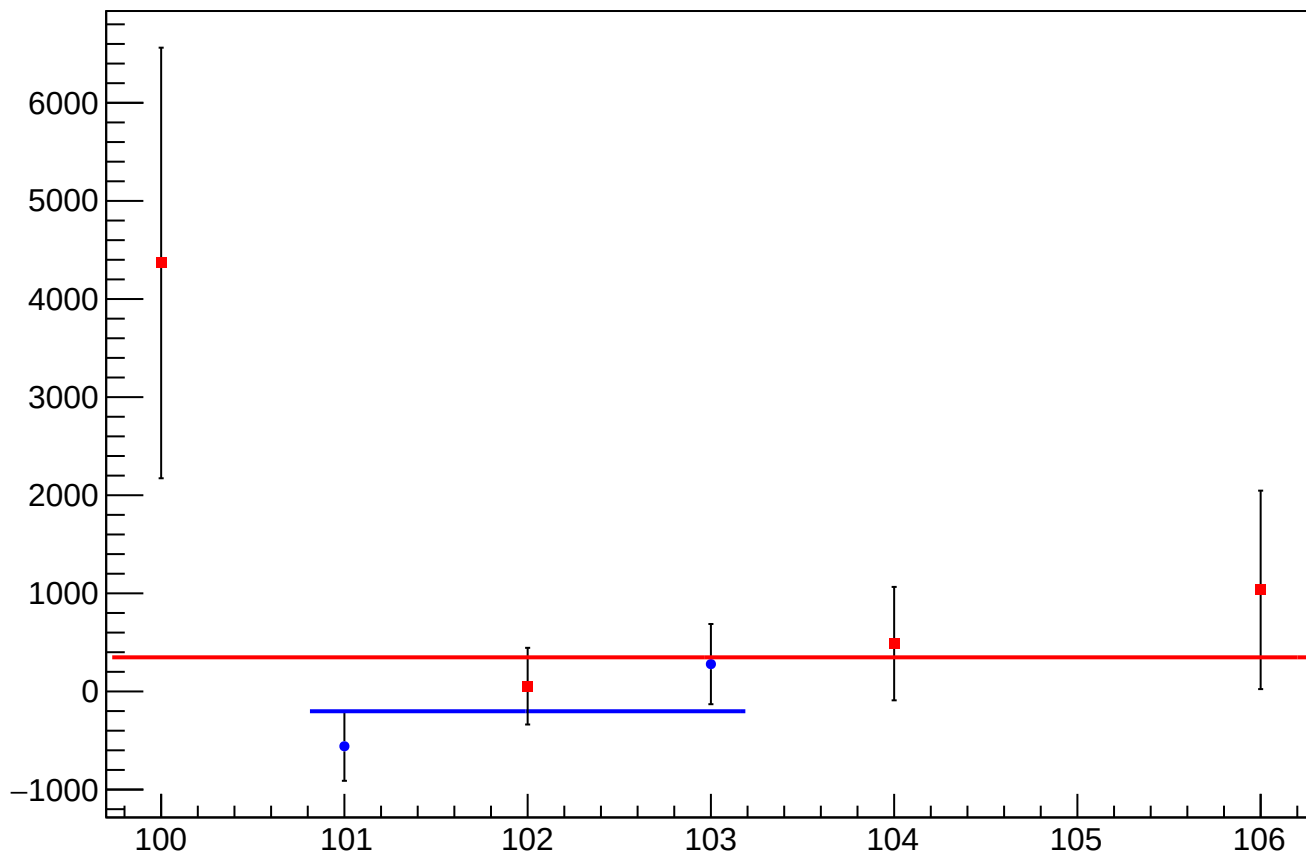
Right: 95.098 $\pm$ 0.044 χ^2 /NDF: 553638.1/5

In: 126.136 $\pm$ 0.081 χ^2 /NDF:5934.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.098 $\pm$ 0.044 χ^2 /NDF: 553638.1/5

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -201.801+/-266.798 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 347.832+/-305.321 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

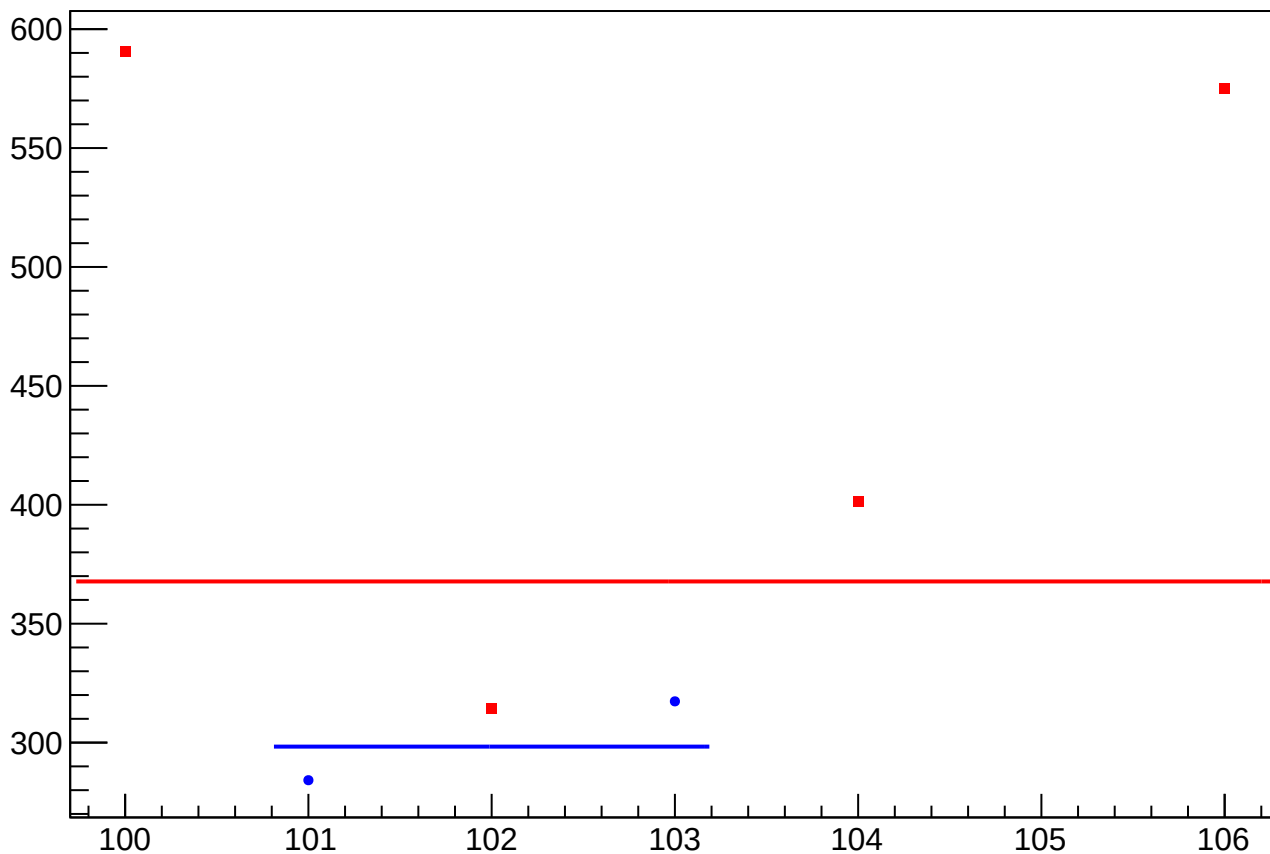
Right: 36.173+/-200.903 χ^2/NDF : 8.7/5

In: -201.801+/-266.798 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.173+/-200.903 χ^2/NDF : 8.7/5

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 298.314+/-0.189 χ^2/NDF : 7553.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.764+/-0.216 χ^2/NDF : 148774.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

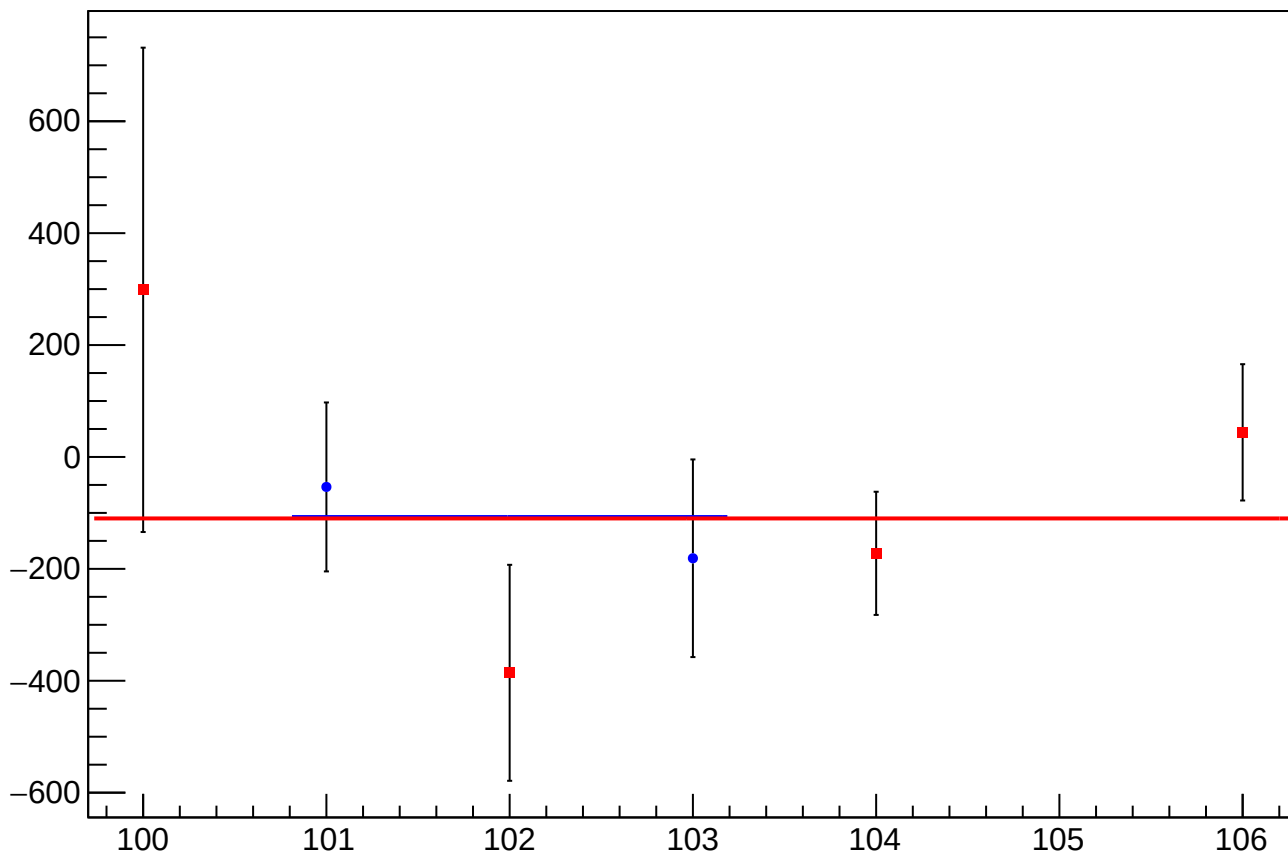
Right: 328.384+/-0.142 χ^2/NDF : 215006.0/5

In: 298.314+/-0.189 χ^2/NDF : 7553.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.384+/-0.142 χ^2/NDF : 215006.0/5

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.887+/-74.104 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

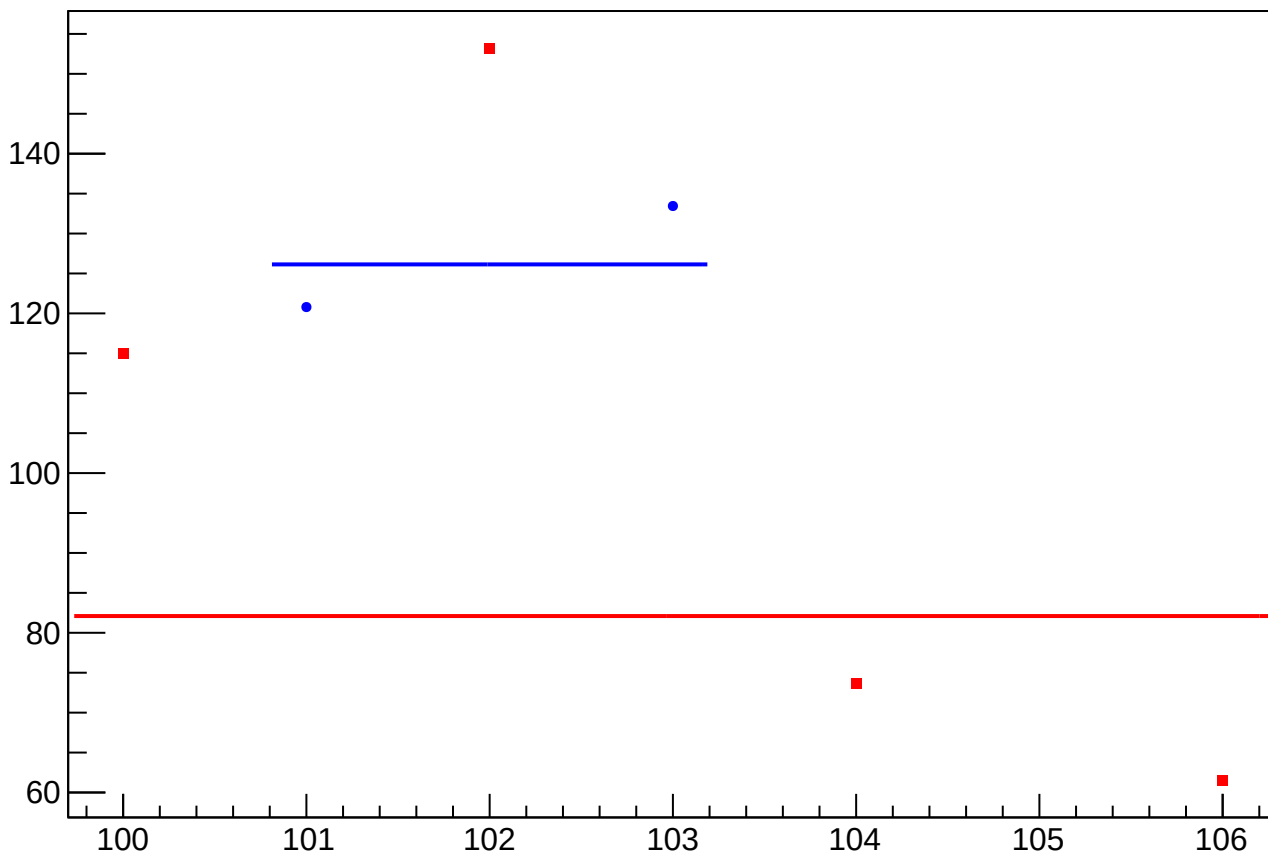
Right: -109.154+/-62.254 χ^2/NDF : 5.2/5

In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.154+/-62.254 χ^2/NDF : 5.2/5

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136 $\pm$ 0.081 χ^2 /NDF: 5934.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.096 $\pm$ 0.052 χ^2 /NDF: 351259.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

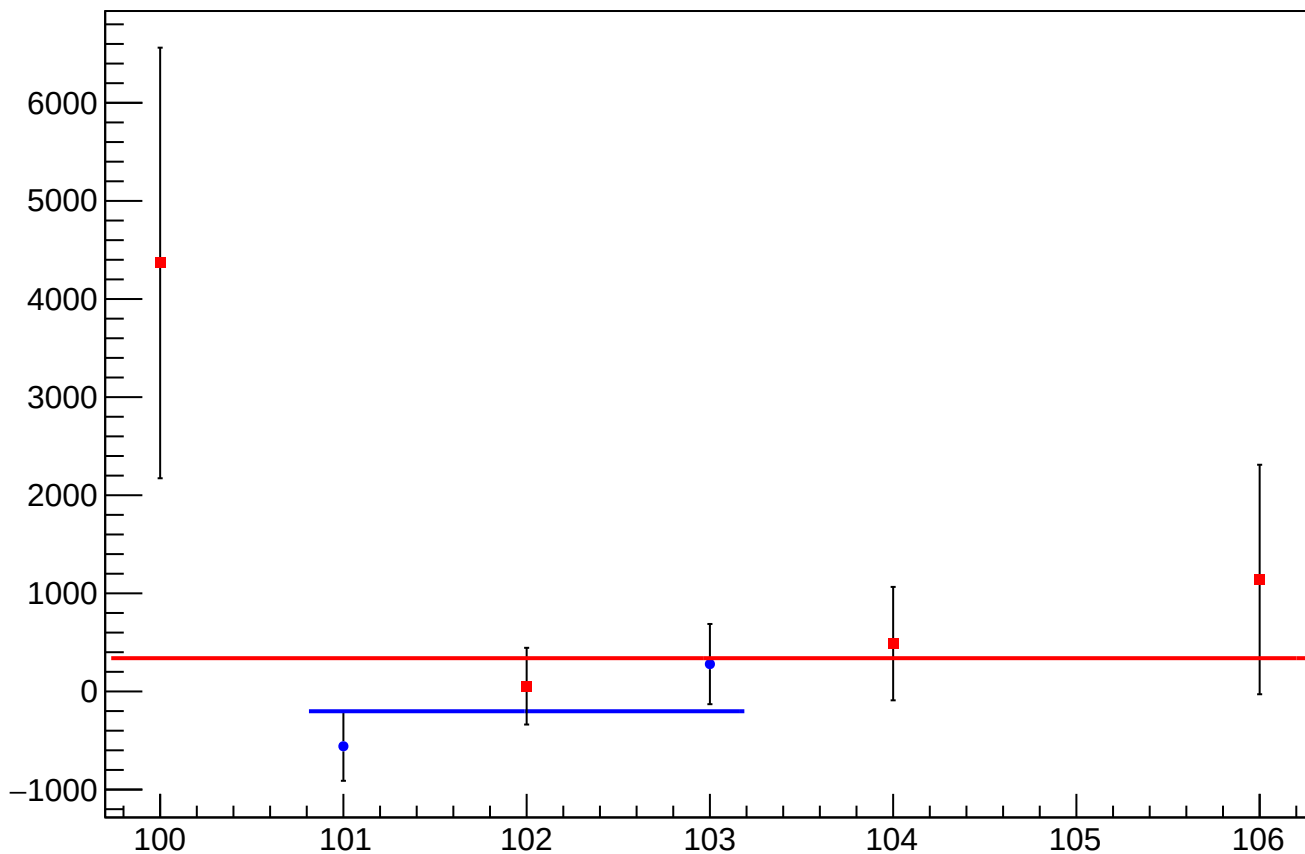
Right: 95.055 $\pm$ 0.044 χ^2 /NDF: 565039.5/5

In: 126.136 $\pm$ 0.081 χ^2 /NDF:5934.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.055 $\pm$ 0.044 χ^2 /NDF: 565039.5/5

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.123+/-308.982 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

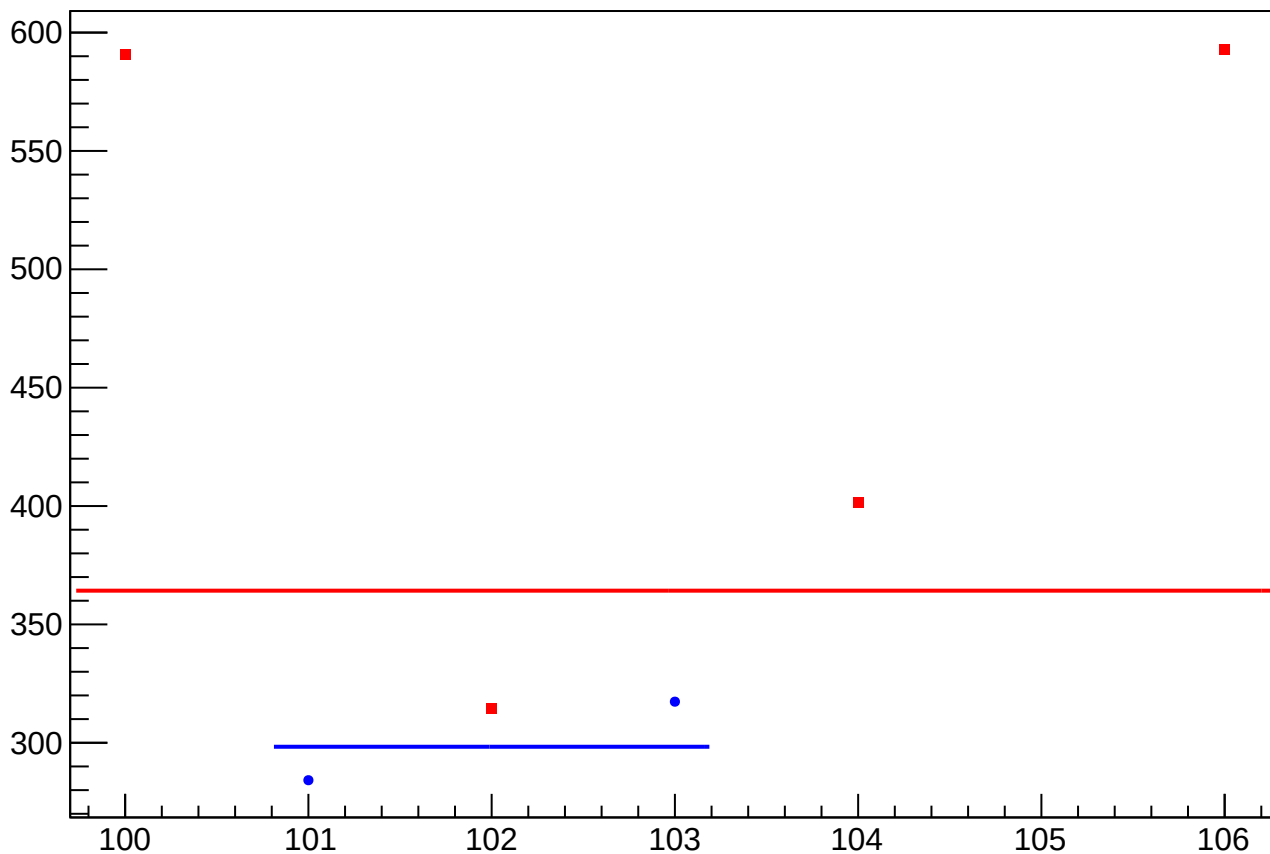
Right: 29.263+/-201.938 χ^2/NDF : 8.6/5

In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.263+/-201.938 χ^2/NDF : 8.6/5

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 298.322 $\pm$ 0.189 χ^2 /NDF: 7561.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 364.254 $\pm$ 0.218 χ^2 /NDF: 138387.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

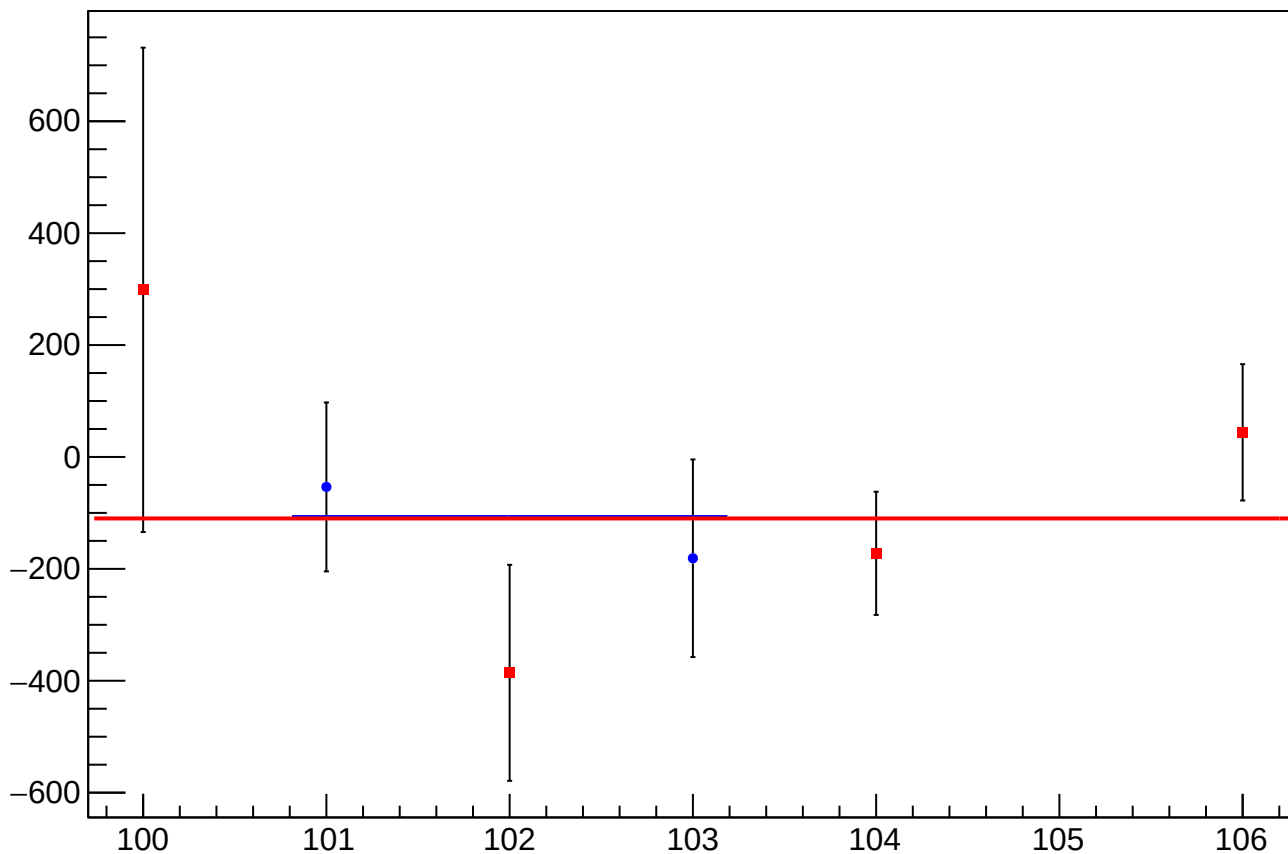
Right: 326.484 $\pm$ 0.143 χ^2 /NDF: 198117.3/5

In: 298.322 $\pm$ 0.189 χ^2 /NDF: 7561.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 326.484 $\pm$ 0.143 χ^2 /NDF: 198117.3/5

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -109.887+/-74.104 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

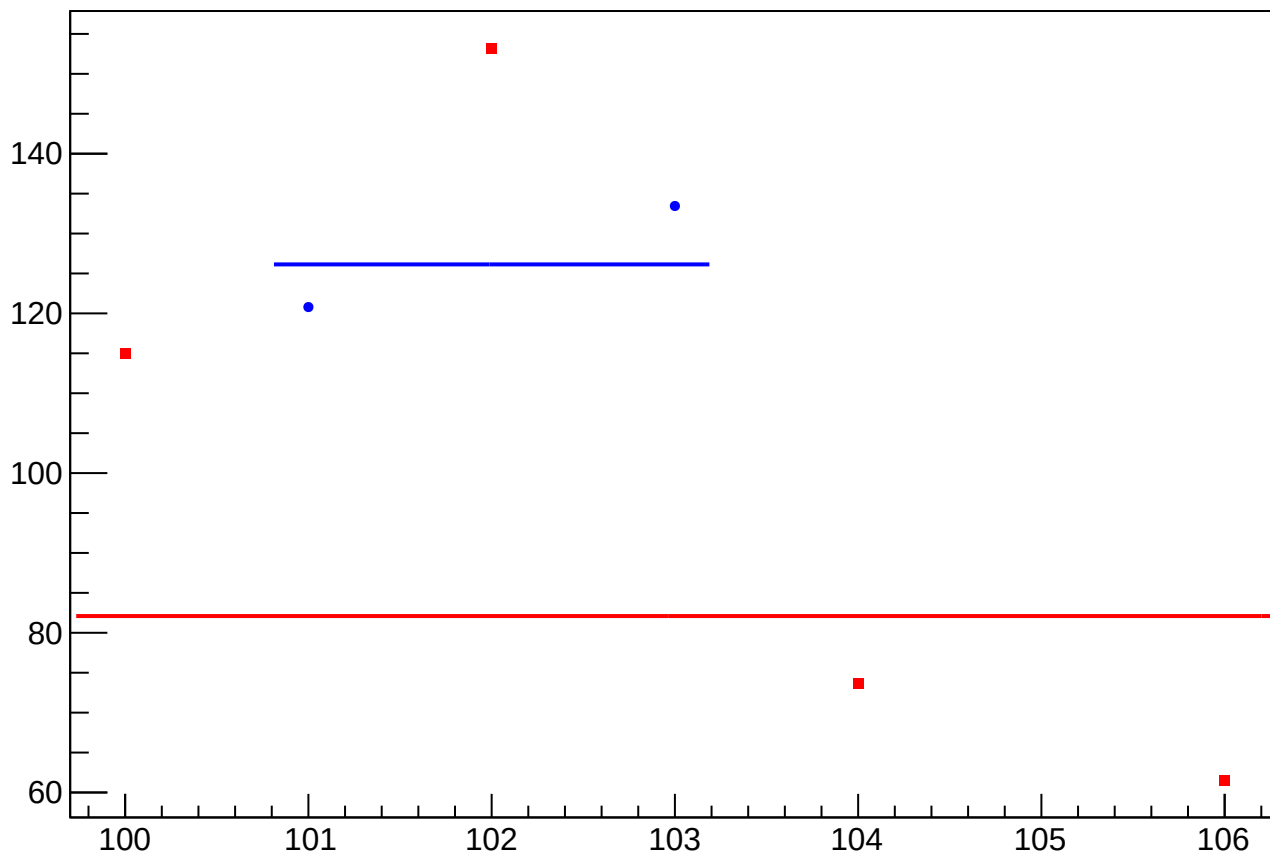
Right: -109.154+/-62.254 χ^2/NDF : 5.2/5

In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.154+/-62.254 χ^2/NDF : 5.2/5

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136+/-0.081 χ^2/NDF : 5934.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.096+/-0.052 χ^2/NDF : 351259.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

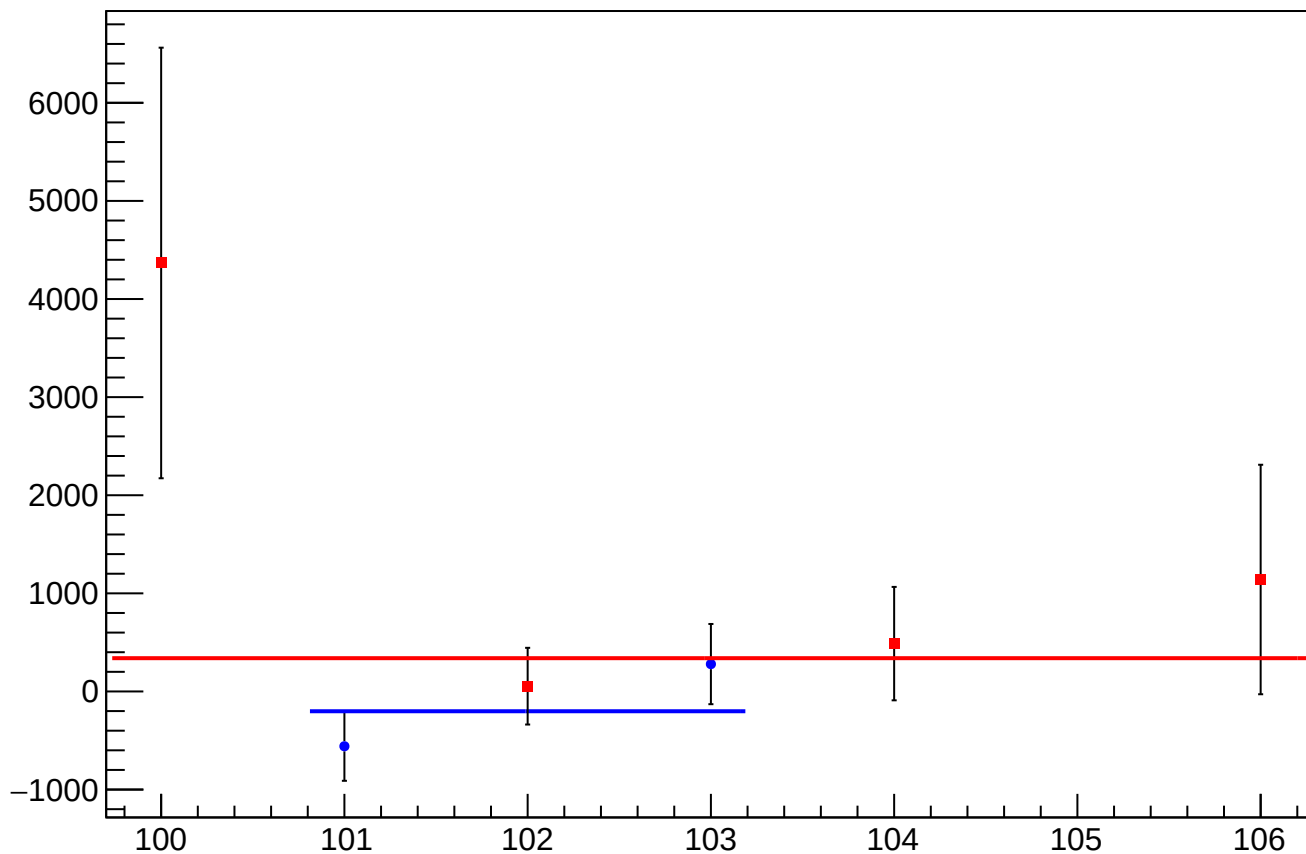
Right: 95.055+/-0.044 χ^2/NDF : 565039.5/5

In: 126.136+/-0.081 χ^2/NDF : 5934.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.055+/-0.044 χ^2/NDF : 565039.5/5

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.778 $\pm$ 266.805 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 339.123 $\pm$ 308.982 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

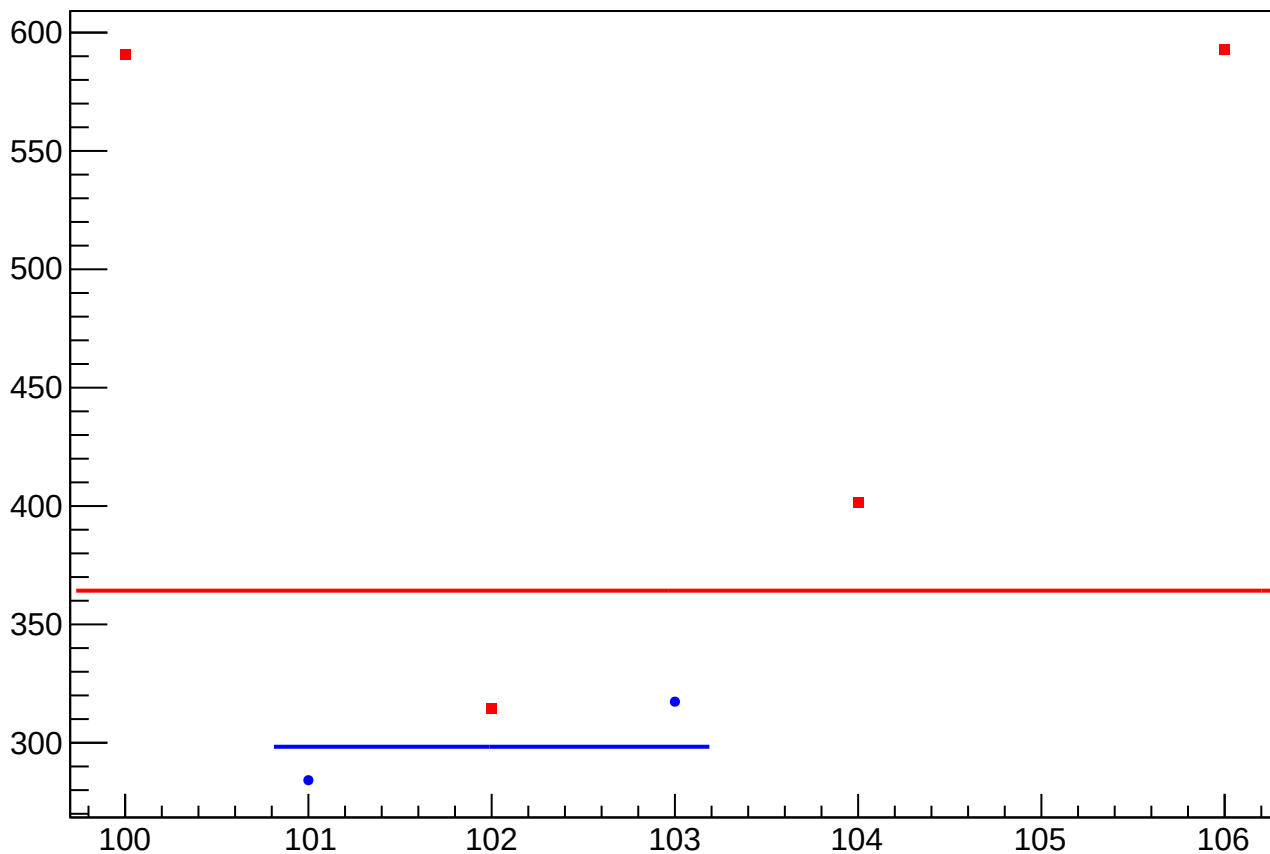
Right: 29.263 $\pm$ 201.938 χ^2 /NDF: 8.6/5

In: -201.778 $\pm$ 266.805 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.263 $\pm$ 201.938 χ^2 /NDF: 8.6/5

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.254+/-0.218 χ^2/NDF : 138387.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

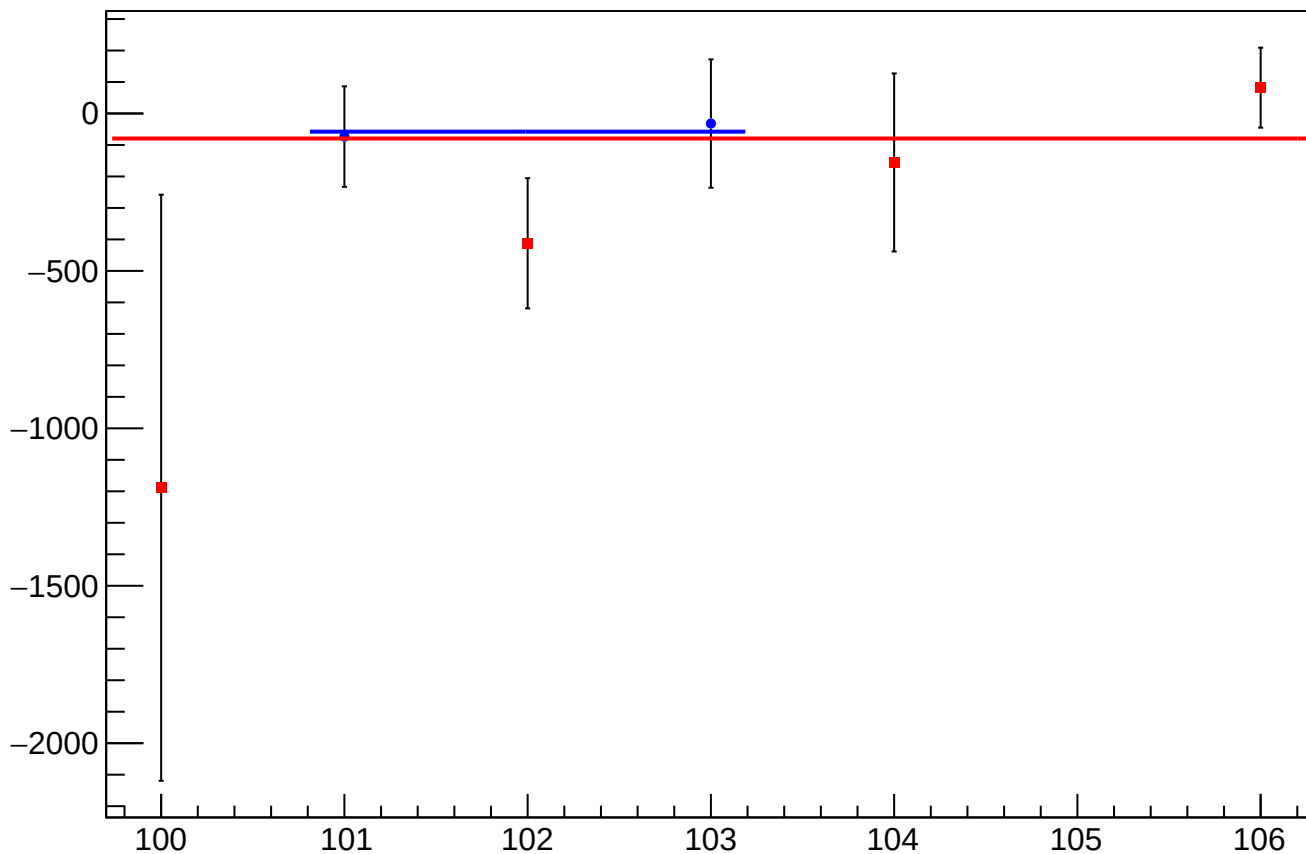
Right: 326.484+/-0.143 χ^2/NDF : 198117.3/5

In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.484+/-0.143 χ^2/NDF : 198117.3/5

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.680 $\pm$ 125.737 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -79.458 $\pm$ 100.489 χ^2 /NDF: 5.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

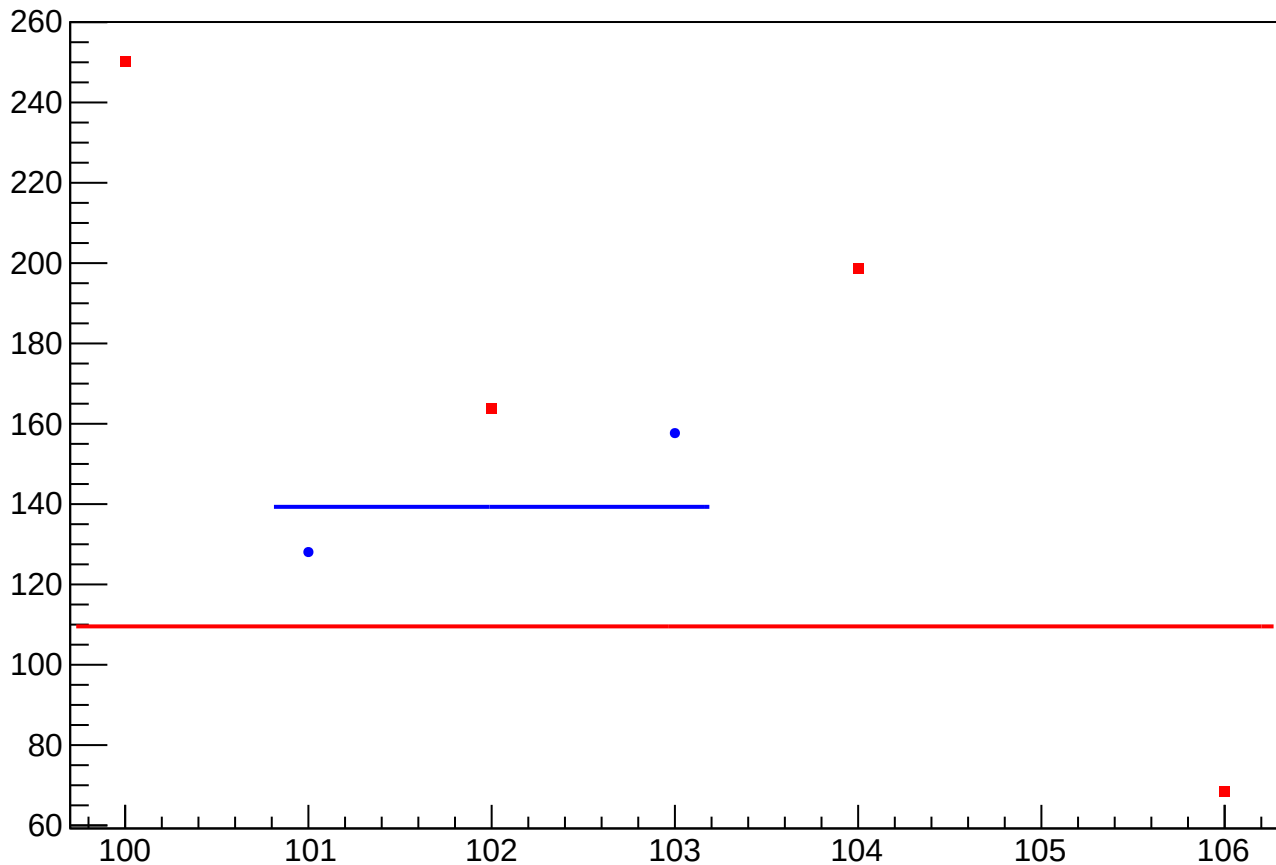
Right: -70.969 $\pm$ 78.499 χ^2 /NDF: 5.7/5

In: -57.680 $\pm$ 125.737 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.969 $\pm$ 78.499 χ^2 /NDF: 5.7/5

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322+/-0.089 χ^2/NDF : 26142.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.554+/-0.071 χ^2/NDF : 591833.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

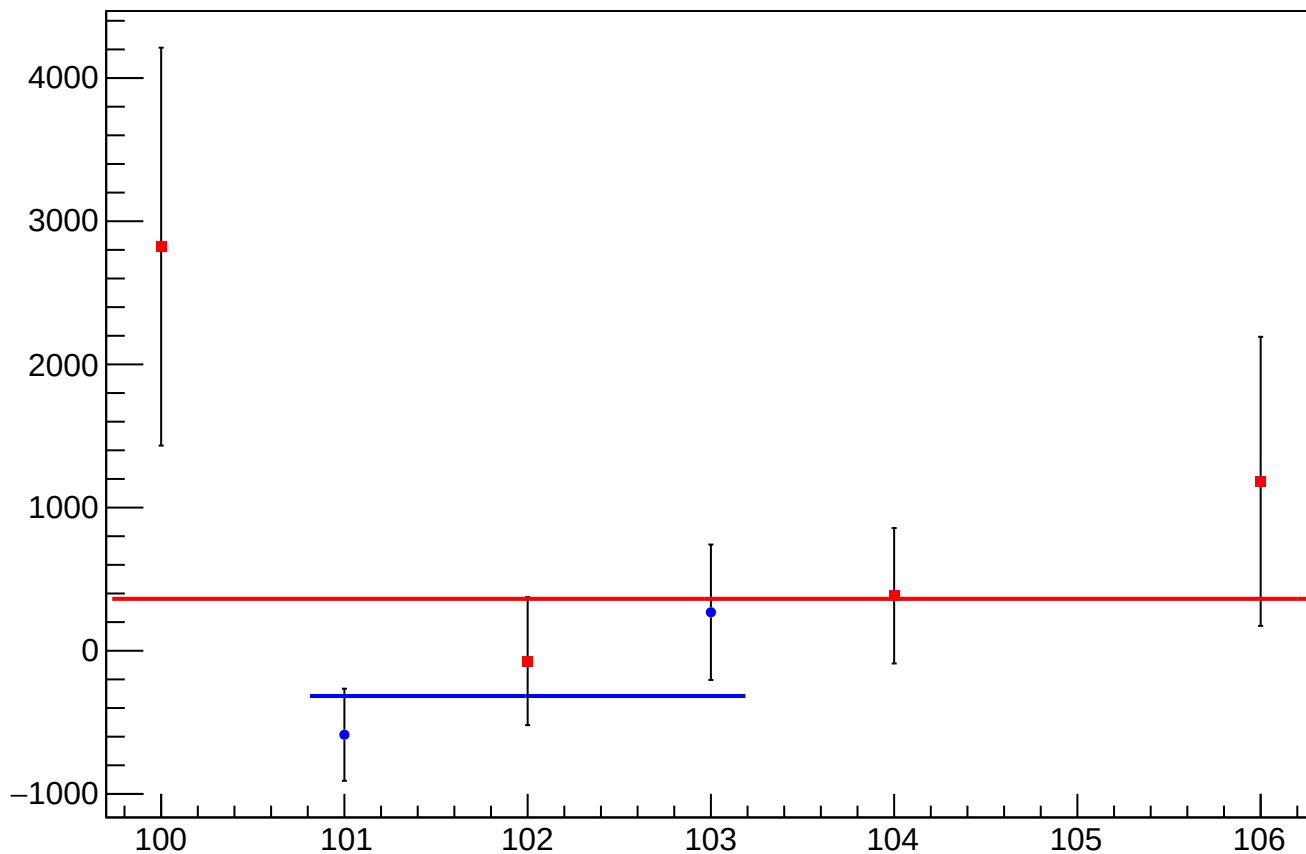
Right: 121.157+/-0.056 χ^2/NDF : 686379.0/5

In: 139.322+/-0.089 χ^2/NDF : 26142.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.157+/-0.056 χ^2/NDF : 686379.0/5

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.058+/-265.955 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 362.315+/-301.806 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

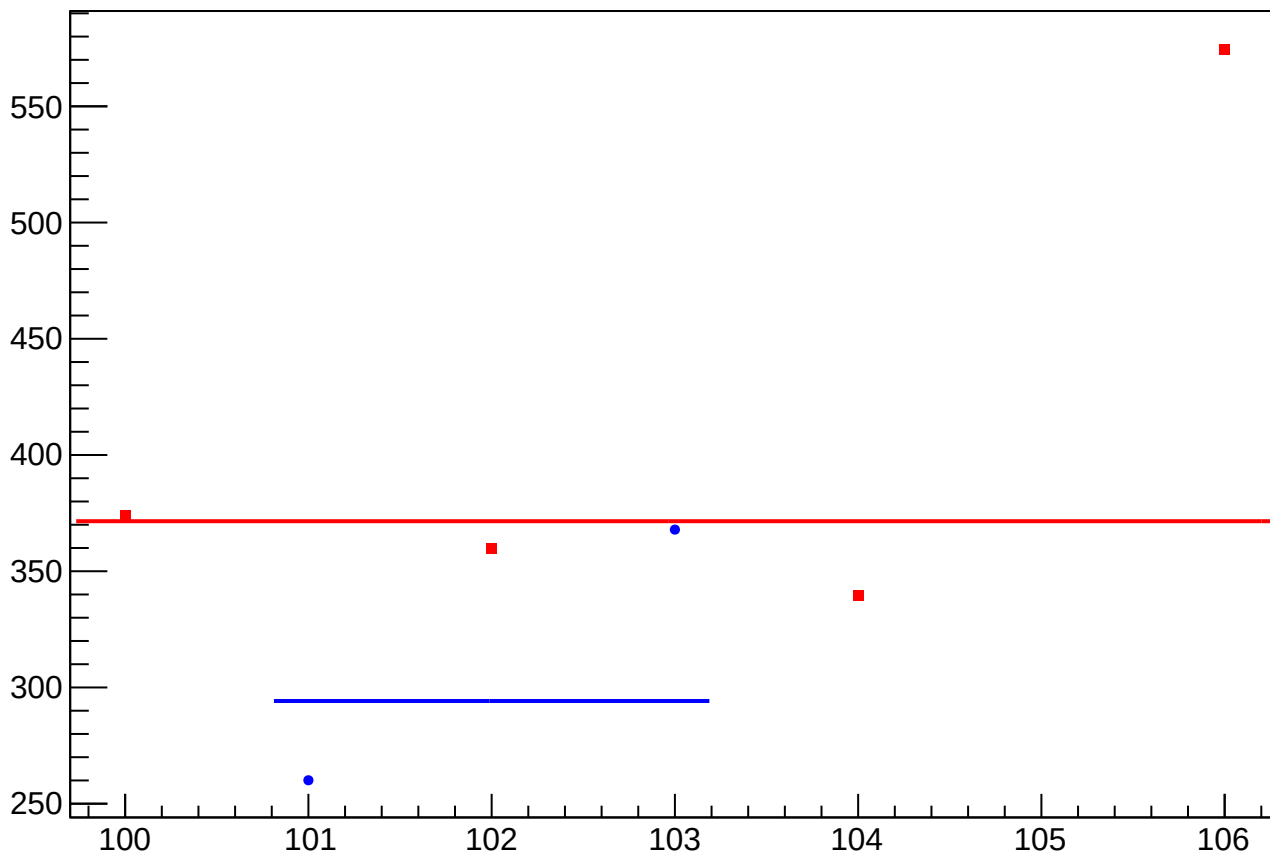
Right: -19.538+/-199.536 χ^2/NDF : 9.8/5

In: -316.058+/-265.955 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.538+/-199.536 χ^2/NDF : 9.8/5

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.177+/-0.188 χ^2/NDF : 71091.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.524+/-0.213 χ^2/NDF : 91292.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

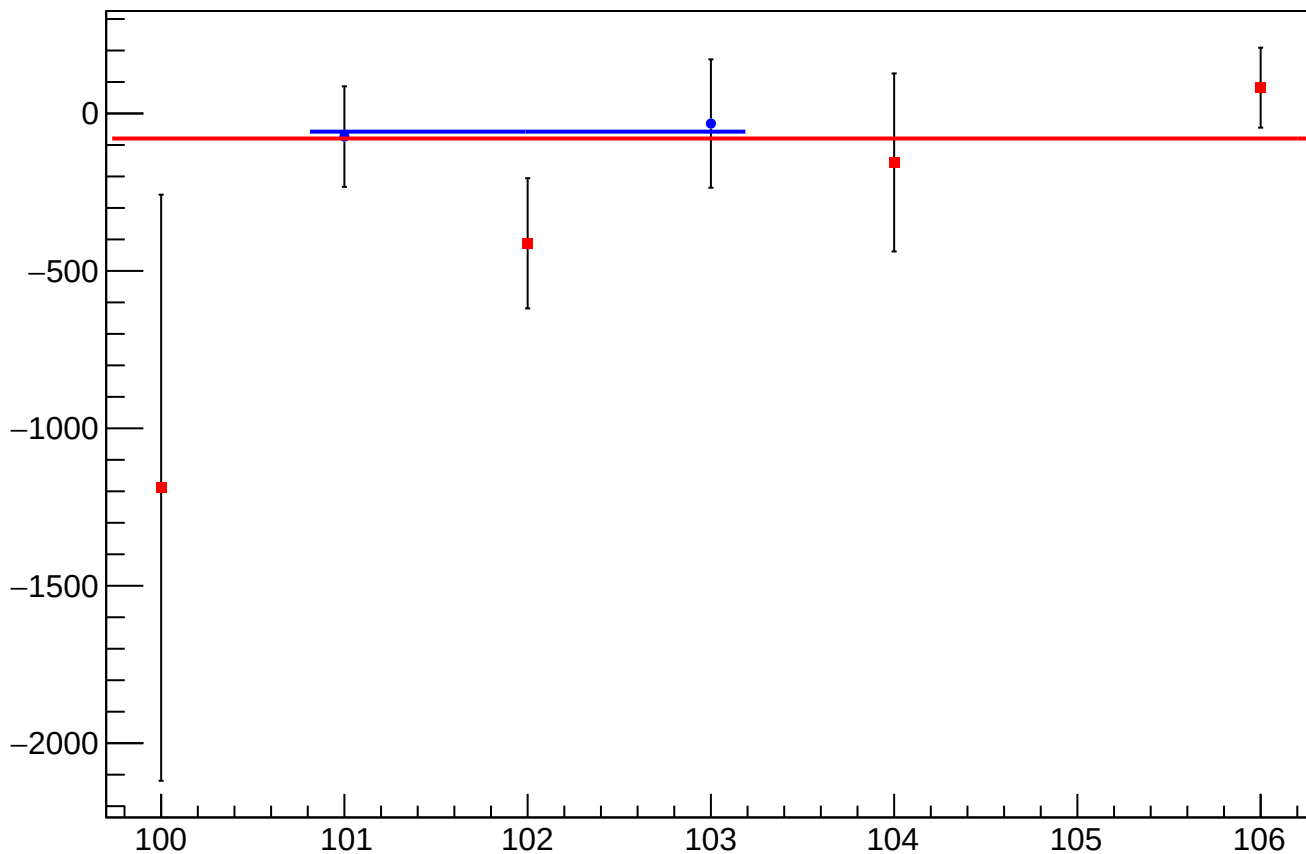
Right: 327.986+/-0.141 χ^2/NDF : 236325.1/5

In: 294.177+/-0.188 χ^2/NDF : 71091.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.986+/-0.141 χ^2/NDF : 236325.1/5

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.679+/-125.737 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.458+/-100.489 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

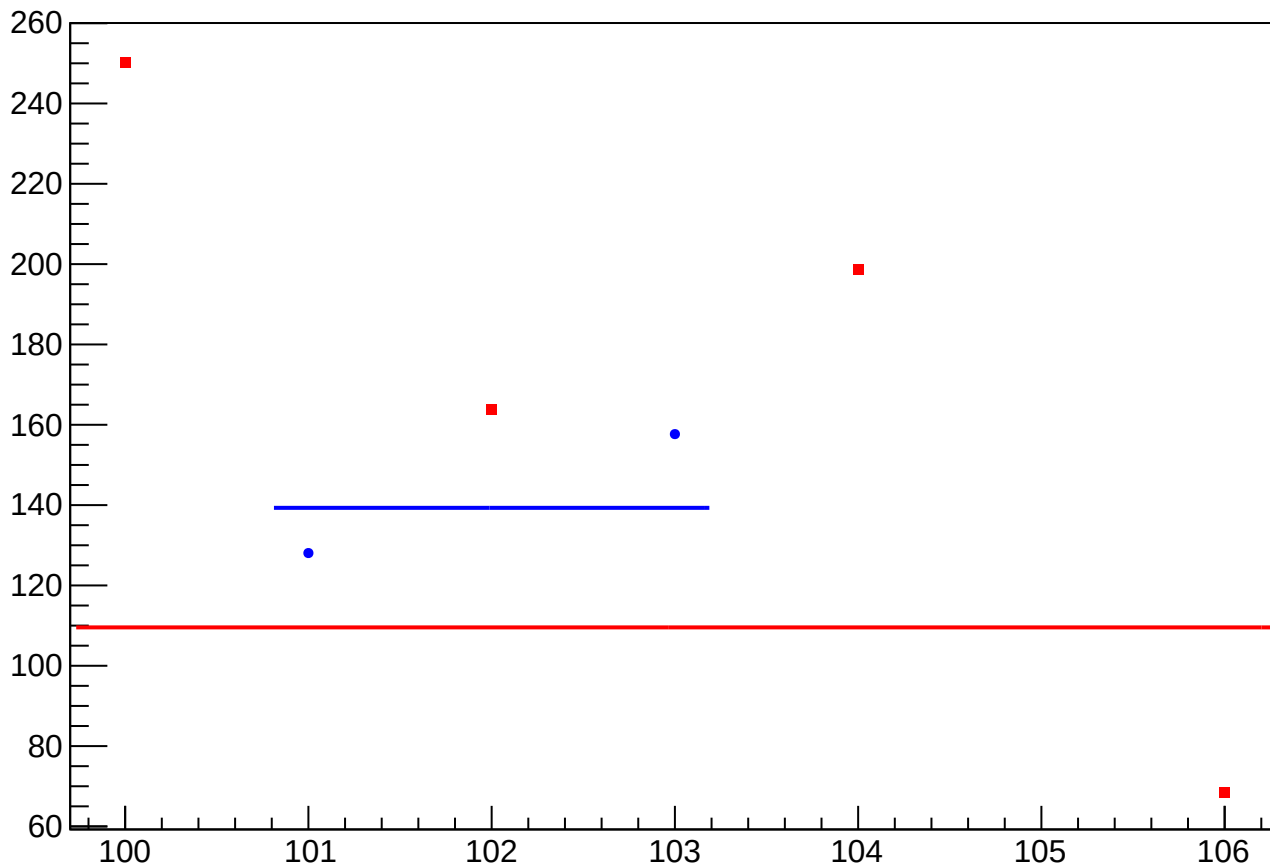
Right: -70.969+/-78.499 χ^2/NDF : 5.7/5

In: -57.679+/-125.737 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.969+/-78.499 χ^2/NDF : 5.7/5

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322+/-0.089 χ^2/NDF : 26142.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.554+/-0.071 χ^2/NDF : 591832.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

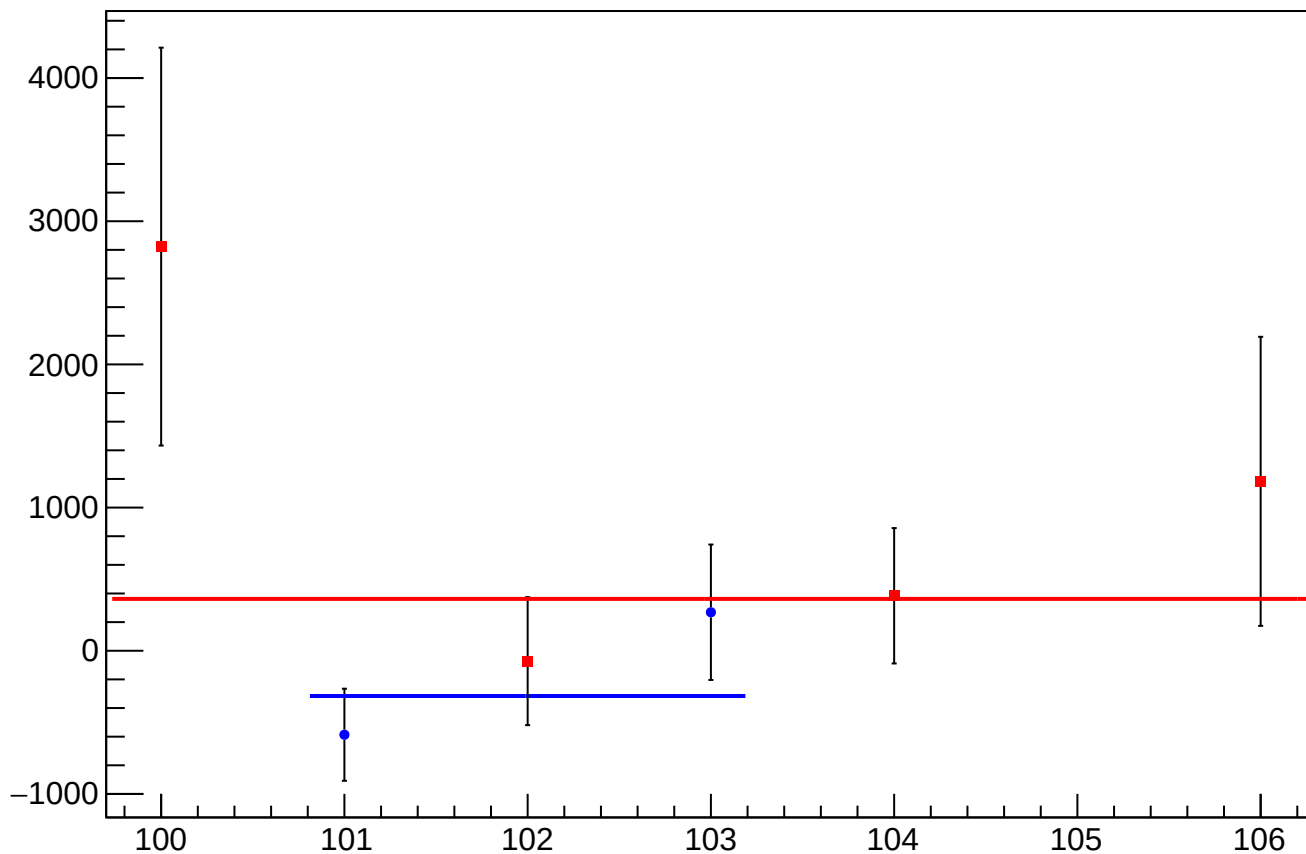
Right: 121.157+/-0.056 χ^2/NDF : 686377.5/5

In: 139.322+/-0.089 χ^2/NDF : 26142.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.157+/-0.056 χ^2/NDF : 686377.5/5

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.058+/-265.954 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 362.316+/-301.806 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

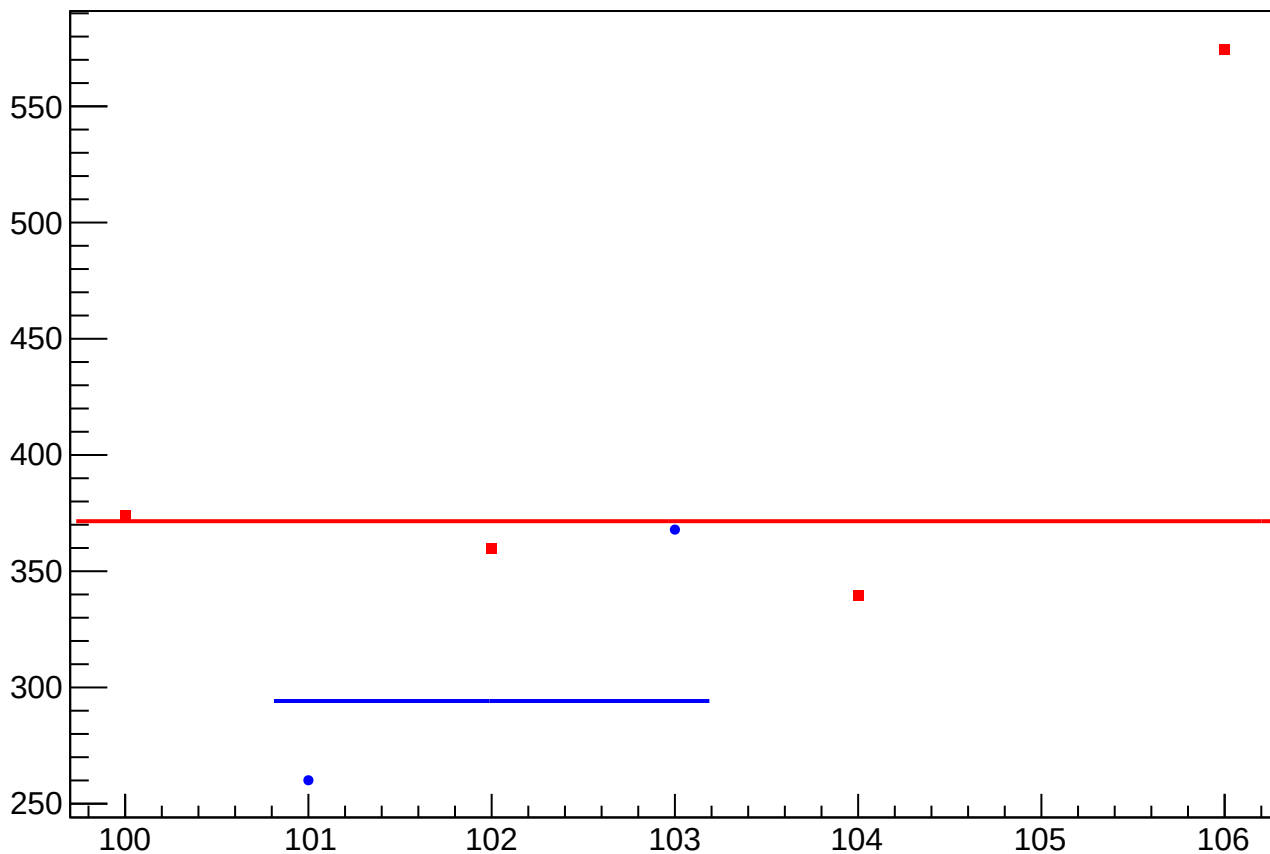
Right: -19.538+/-199.536 χ^2/NDF : 9.8/5

In: -316.058+/-265.954 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.538+/-199.536 χ^2/NDF : 9.8/5

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 294.177+/-0.188 χ^2/NDF : 71092.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.524+/-0.213 χ^2/NDF : 91291.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

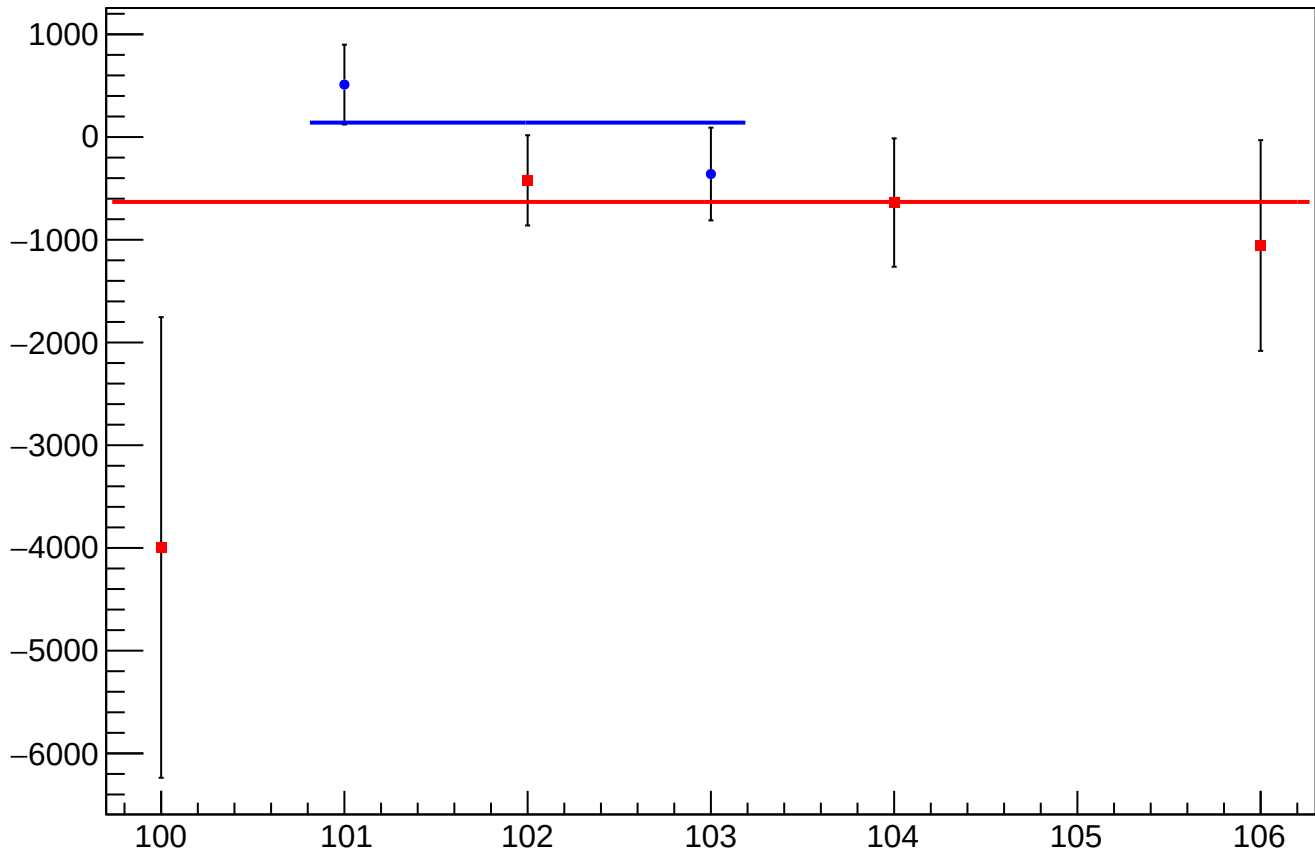
Right: 327.986+/-0.141 χ^2/NDF : 236326.2/5

In: 294.177+/-0.188 χ^2/NDF : 71092.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.986+/-0.141 χ^2/NDF : 236326.2/5

asym_sam7_mean vs Slug, Sign Corrected



Right In: 140.569+/-294.374 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -631.570+/-335.279 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

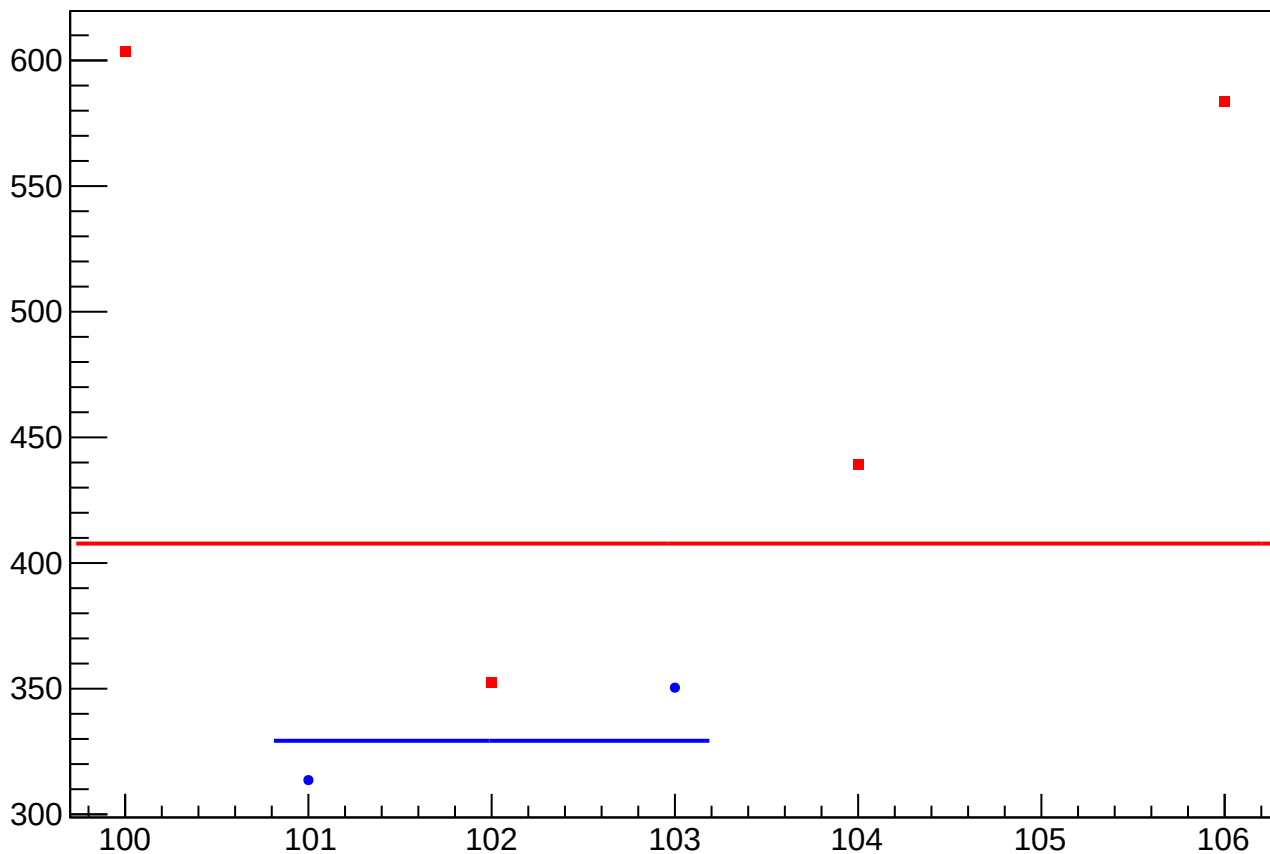
Right: -195.550+/-221.210 χ^2/NDF : 7.8/5

In: 140.569+/-294.374 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.550+/-221.210 χ^2/NDF : 7.8/5

asym_sam7_rms vs Slug, Sign Corrected



Right In: 329.273+/-0.208 χ^2/NDF : 7636.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.752+/-0.237 χ^2/NDF : 110756.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

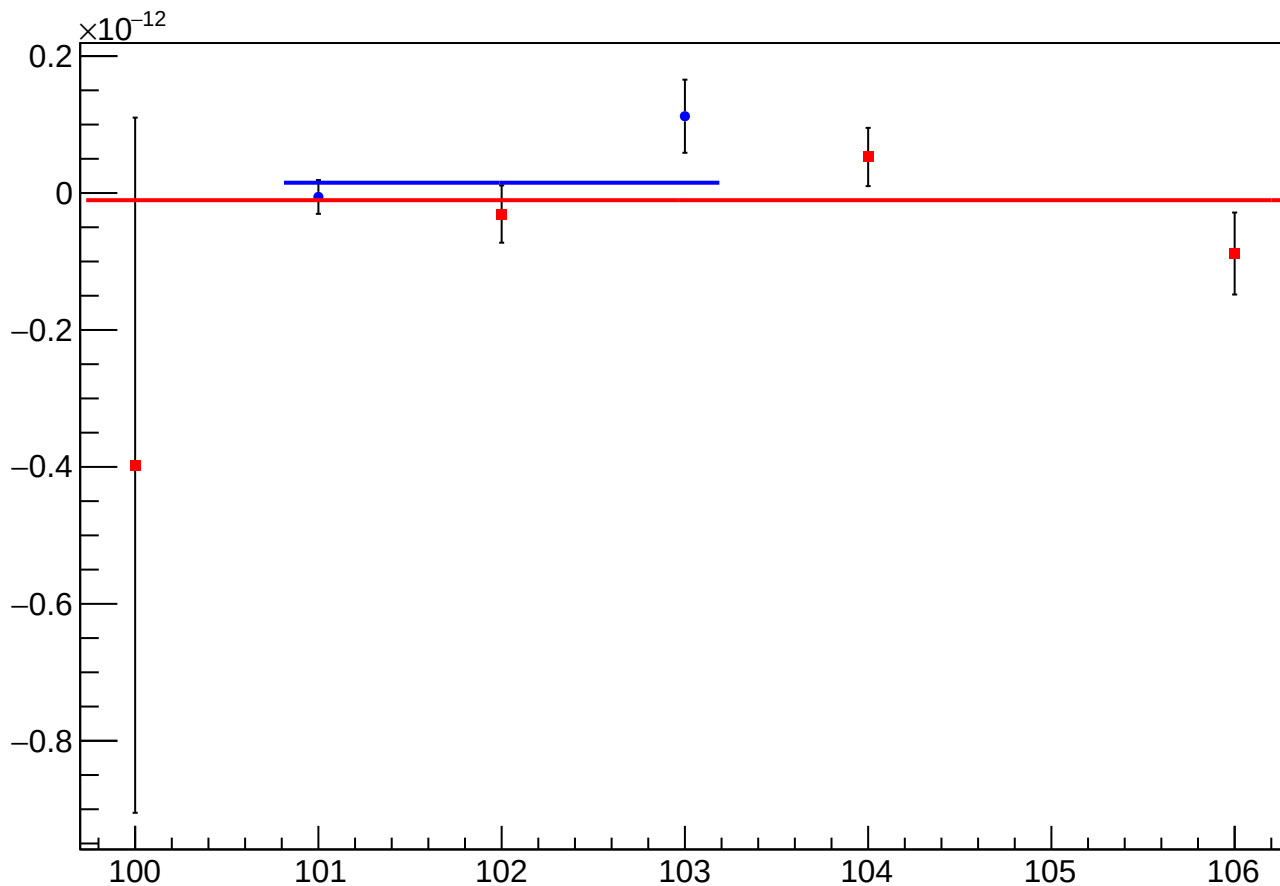
Right: 363.435+/-0.156 χ^2/NDF : 180270.3/5

In: 329.273+/-0.208 χ^2/NDF : 7636.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.435+/-0.156 χ^2/NDF : 180270.3/5

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

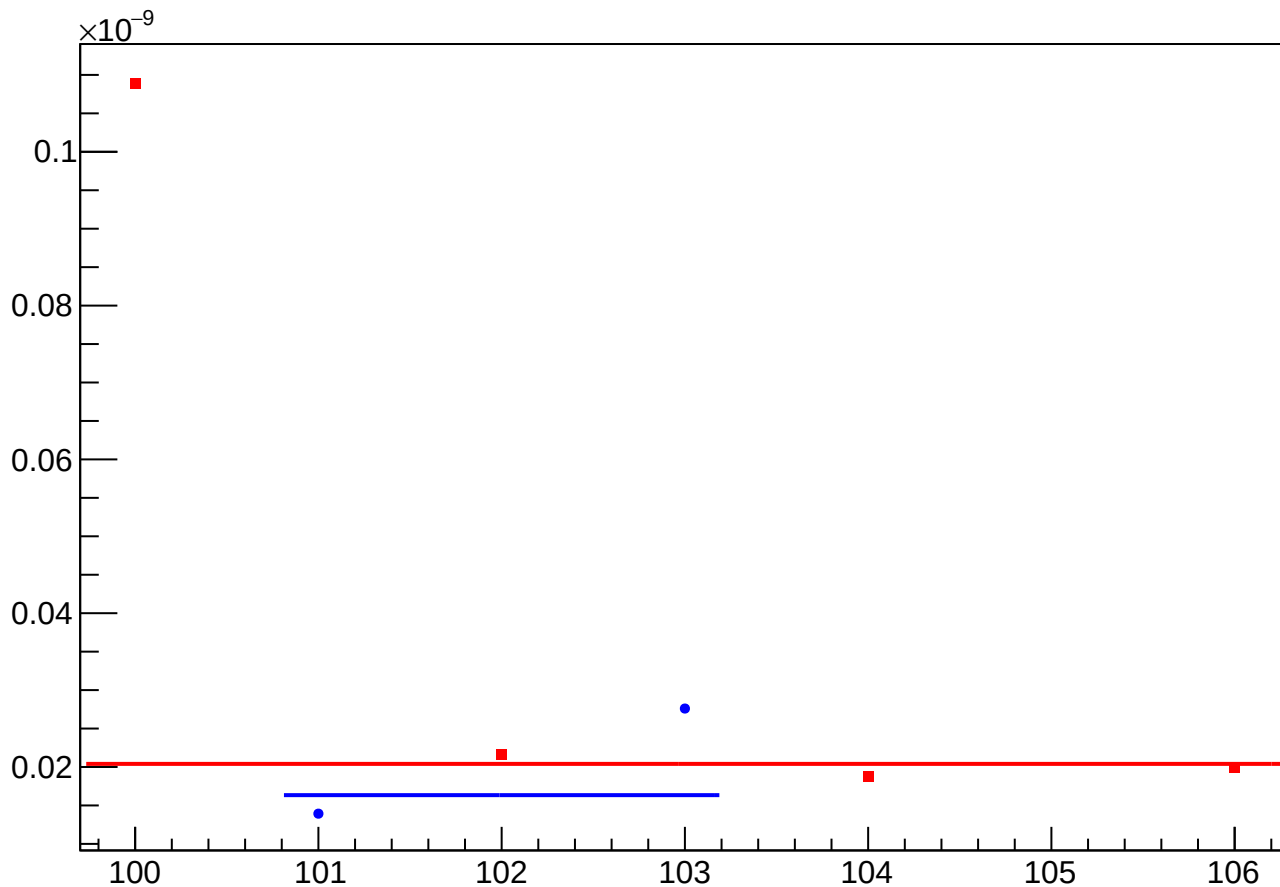
Right: 0.000+/-0.000 χ^2/NDF : 9.3/5

In: 0.000+/-0.000 χ^2/NDF : 4.0/1

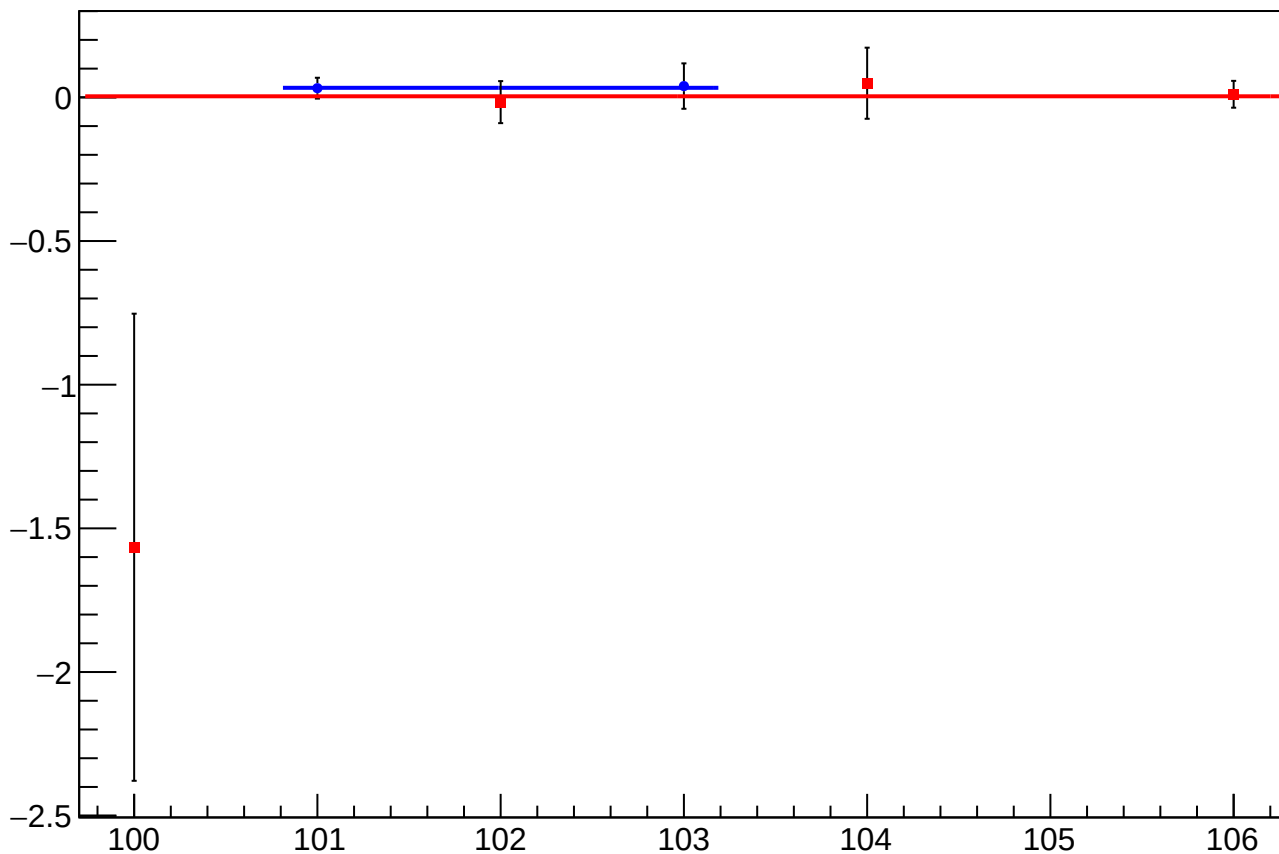
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/5

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.037 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

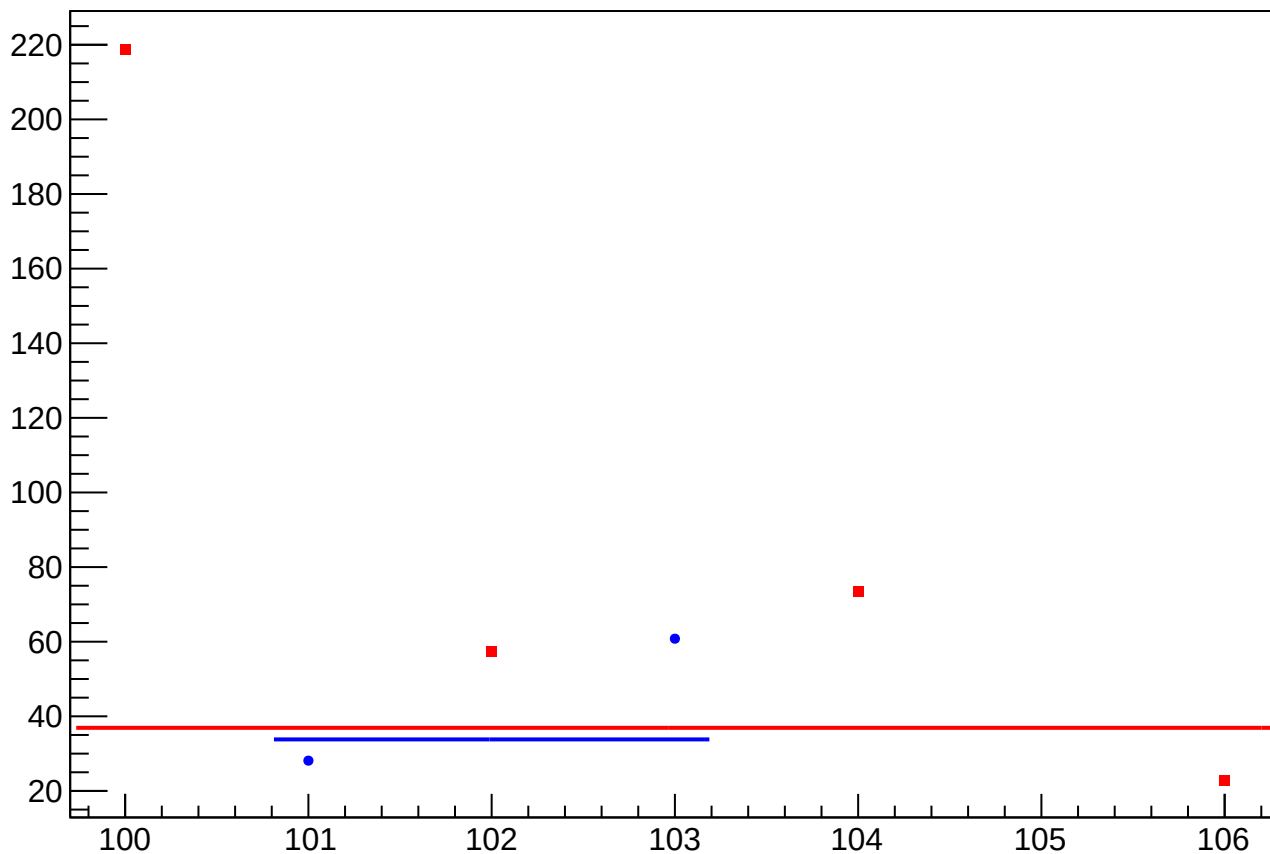
Right: 0.020+/-0.025 χ^2/NDF : 4.3/5

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.025 χ^2/NDF : 4.3/5

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811 ± 0.023 $\chi^2/\text{NDF}: 282772.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.919 ± 0.027 $\chi^2/\text{NDF}: 615410.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

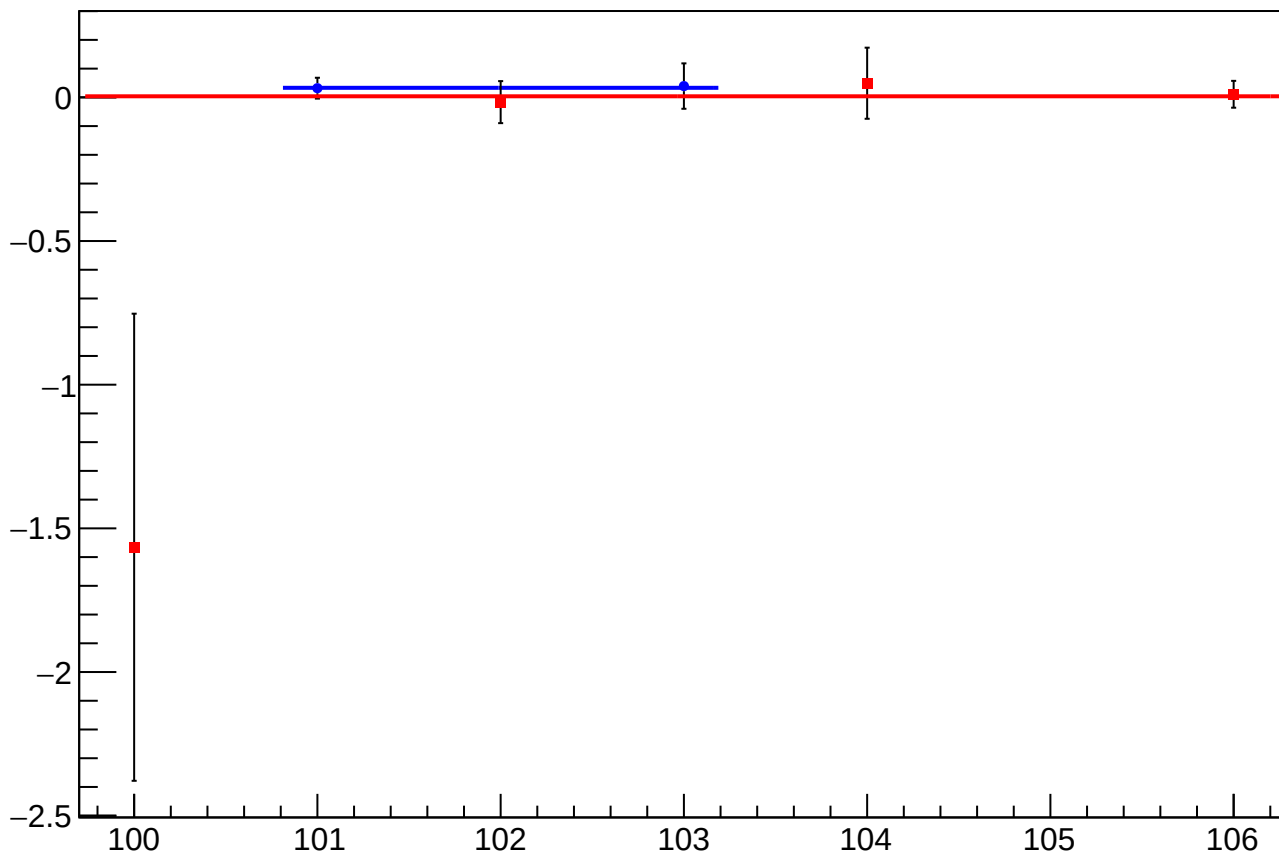
Right: 35.166 ± 0.018 $\chi^2/\text{NDF}: 905937.7/5$

In: 33.811 ± 0.023 $\chi^2/\text{NDF}: 282772.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 35.166 ± 0.018 $\chi^2/\text{NDF}: 905937.7/5$

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.037 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

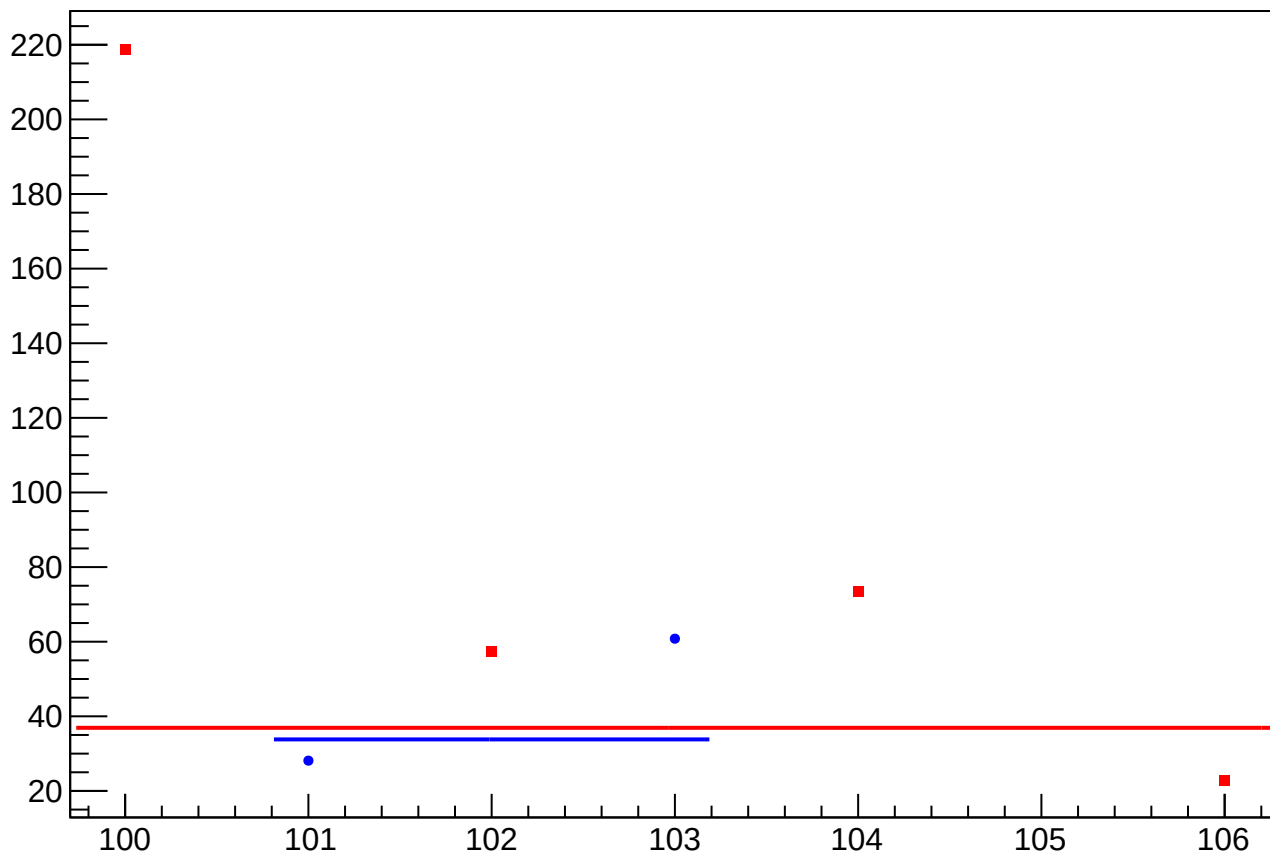
Right: 0.020+/-0.025 χ^2/NDF : 4.3/5

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.025 χ^2/NDF : 4.3/5

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811 $\pm$ 0.023 χ^2 /NDF: 282772.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.919 $\pm$ 0.027 χ^2 /NDF: 615410.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

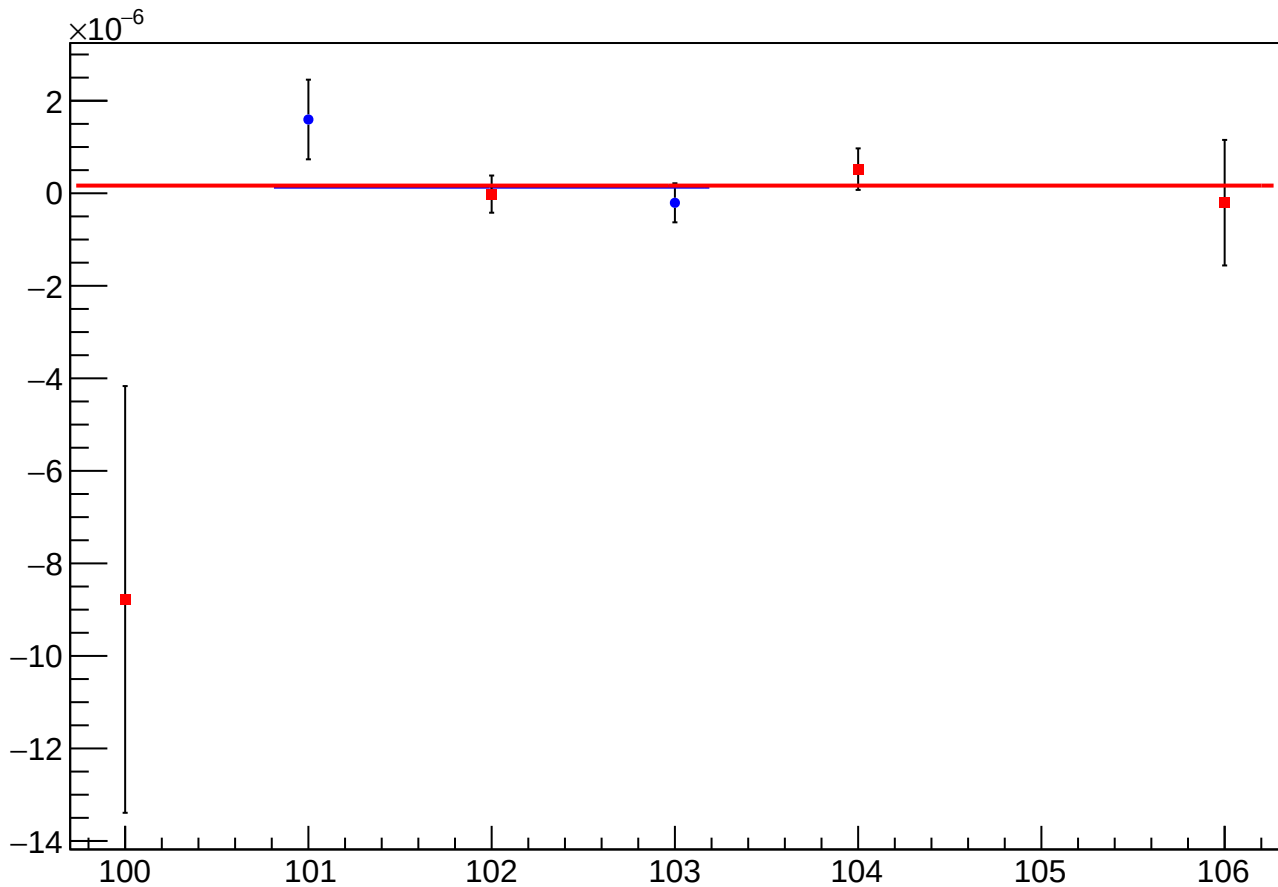
Right: 35.166 $\pm$ 0.018 χ^2 /NDF: 905937.7/5

In: 33.811 $\pm$ 0.023 χ^2 /NDF:282772.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.166 $\pm$ 0.018 χ^2 /NDF: 905937.7/5

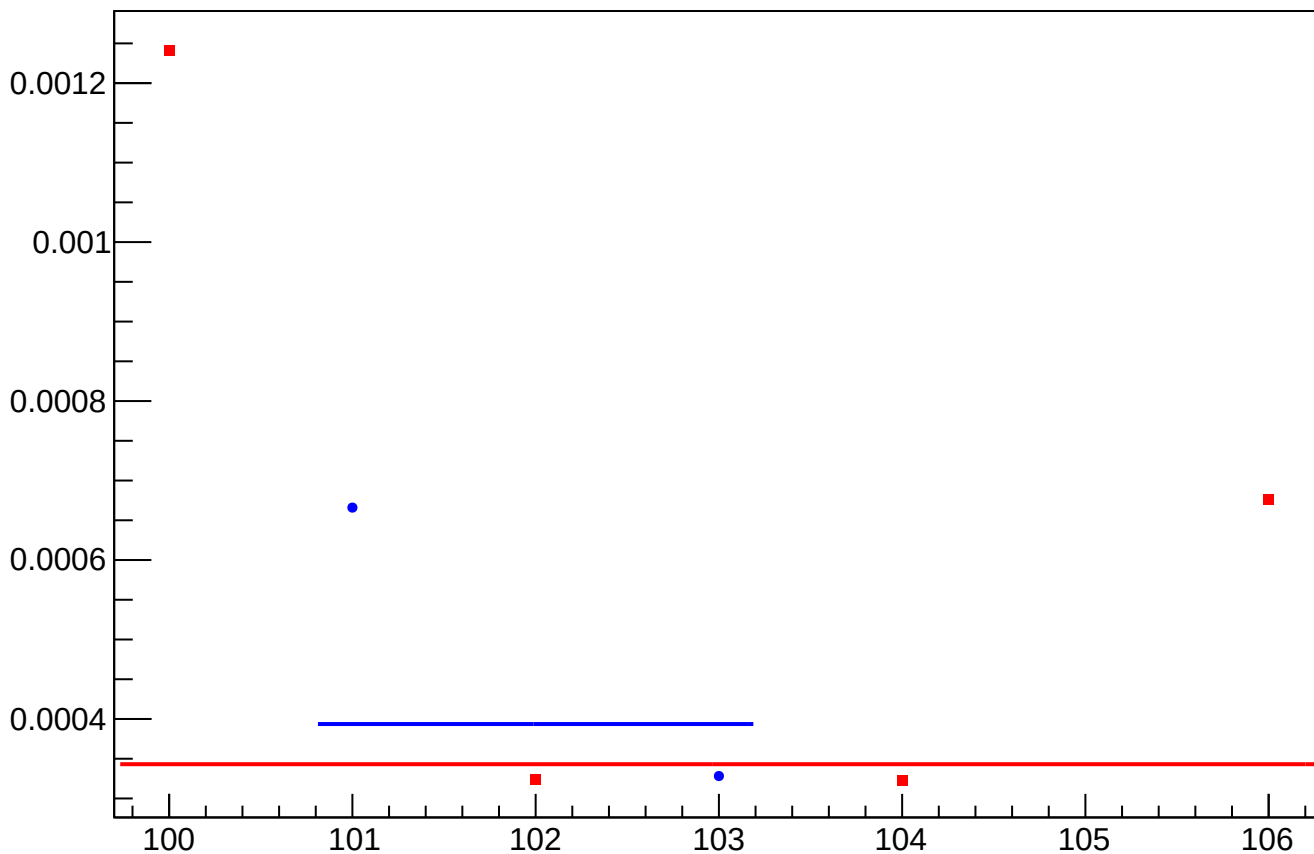
asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 3.5/1
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 4.7/3
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 8.2/5
 In: 0.000+/-0.000 χ^2 /NDF: 3.5/1
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 8.2/5

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 248214.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205210.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

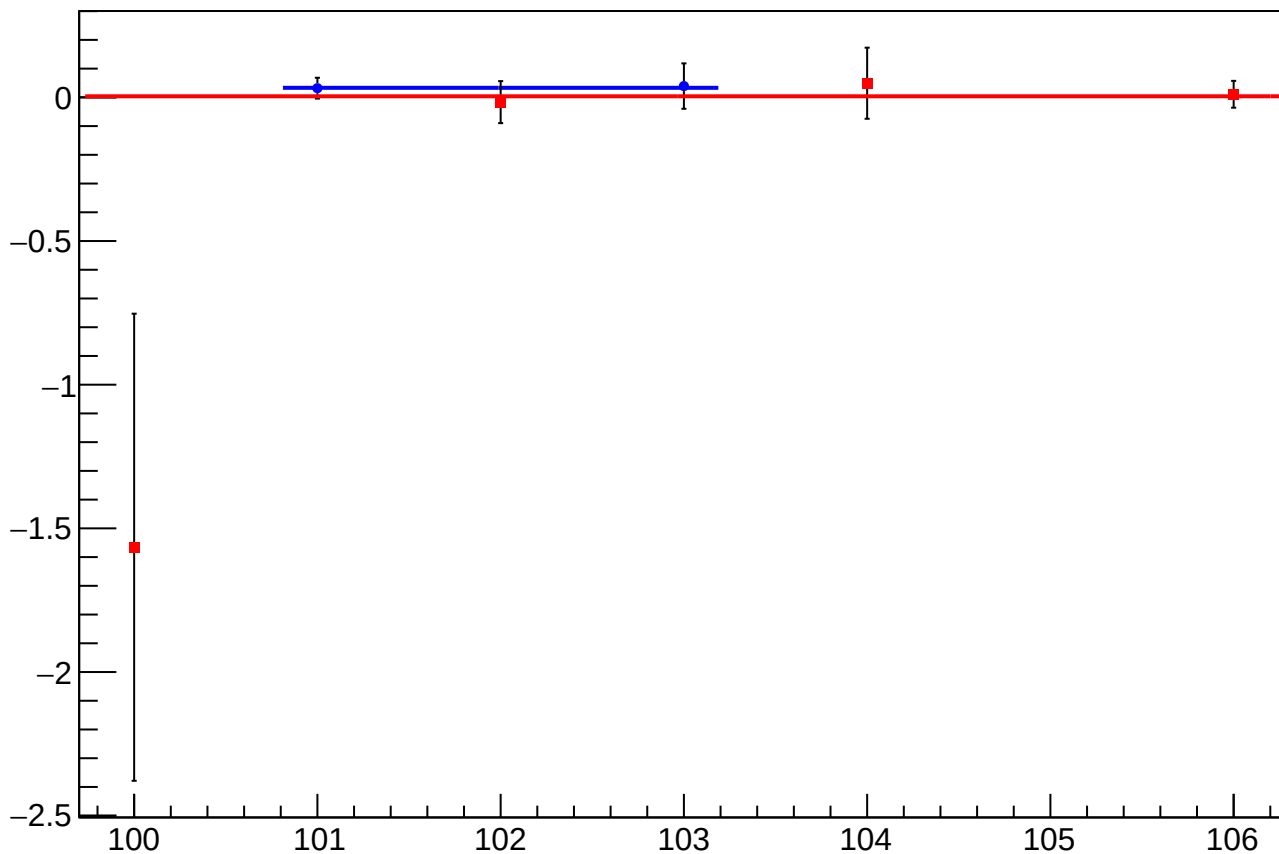
Right: 0.000+/-0.000 χ^2/NDF : 475760.3/5

In: 0.000+/-0.000 χ^2/NDF : 248214.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 475760.3/5

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.037 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

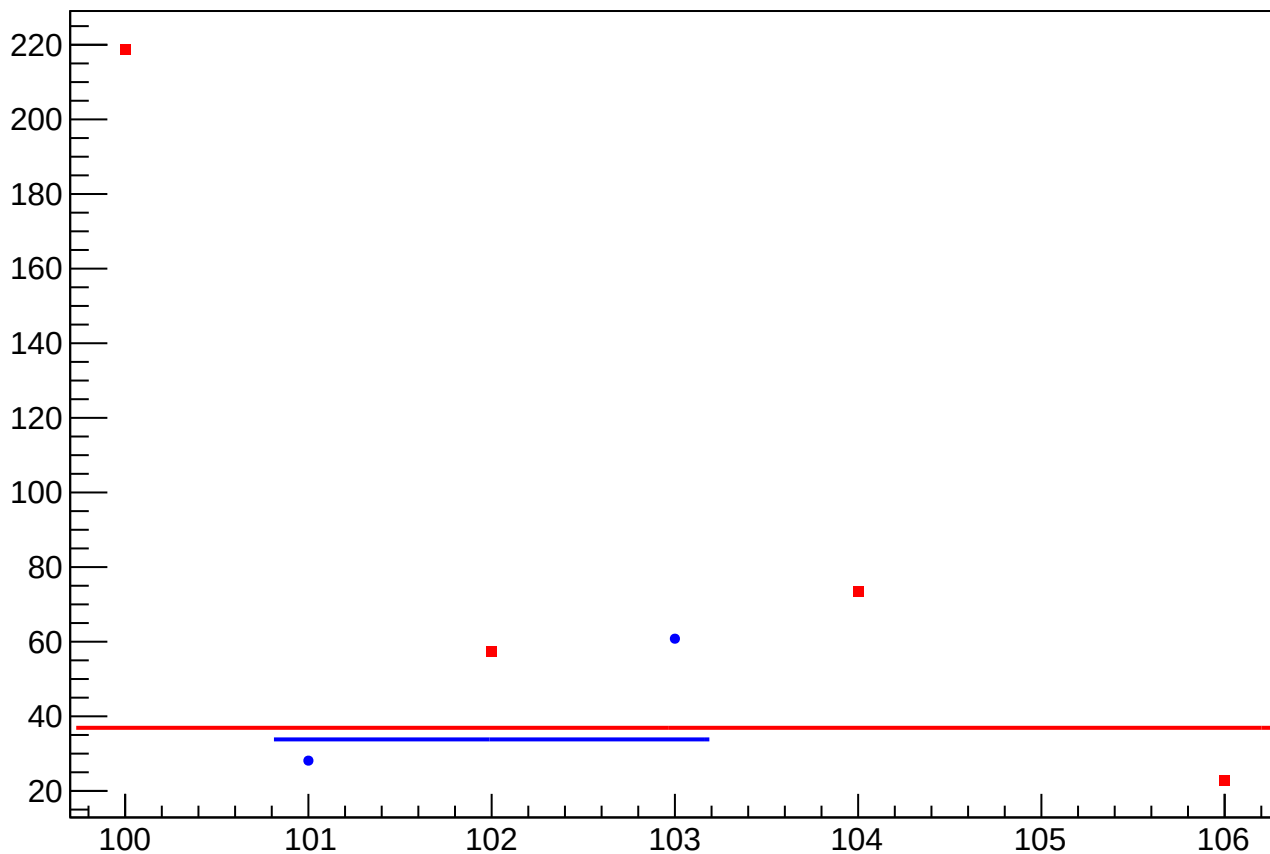
Right: 0.020+/-0.025 χ^2/NDF : 4.3/5

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.025 χ^2/NDF : 4.3/5

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.812+/-0.023 χ^2/NDF : 282757.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.919+/-0.027 χ^2/NDF : 615399.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

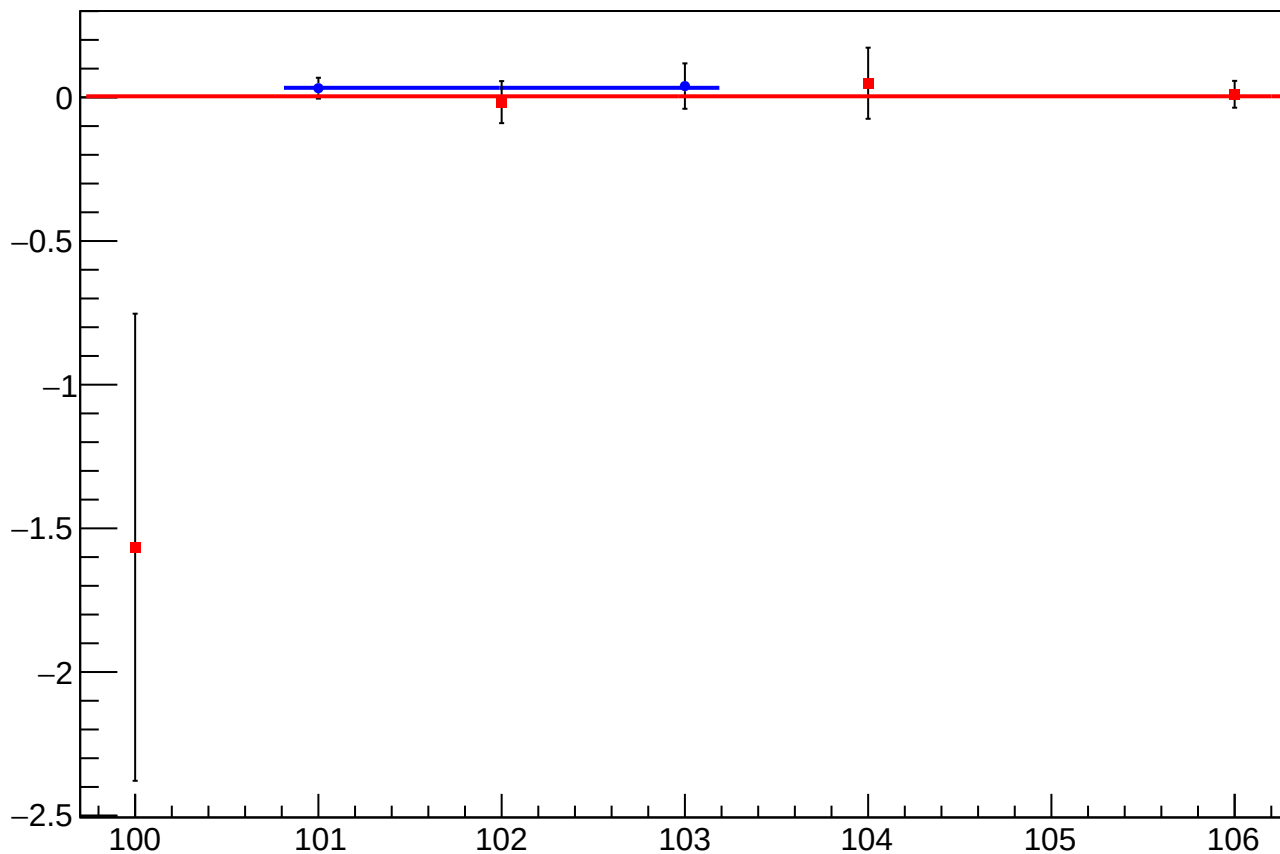
Right: 35.167+/-0.018 χ^2/NDF : 905909.8/5

In: 33.812+/-0.023 χ^2/NDF : 282757.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.167+/-0.018 χ^2/NDF : 905909.8/5

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.037 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

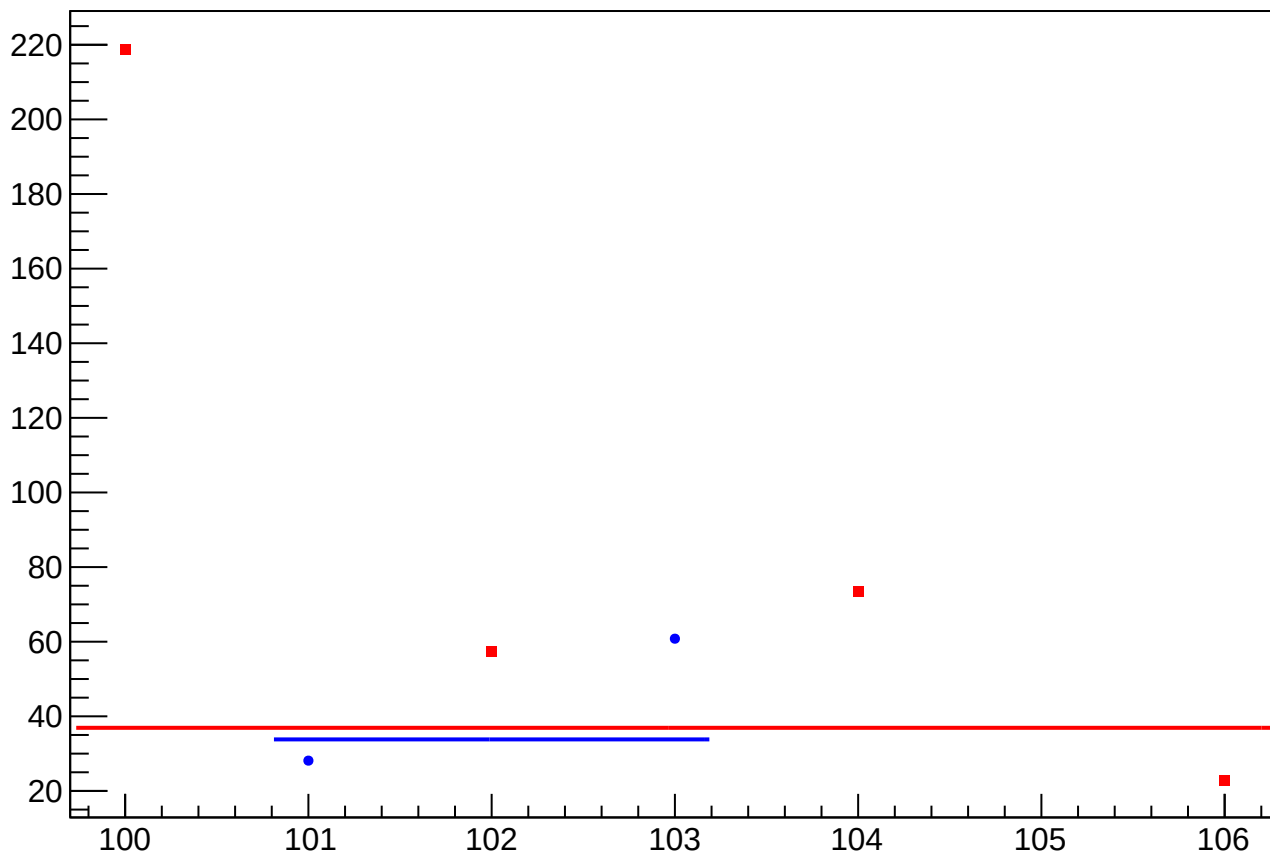
Right: 0.020+/-0.025 χ^2/NDF : 4.3/5

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.025 χ^2/NDF : 4.3/5

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.919 $\pm$ 0.027 χ^2 /NDF: 615399.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

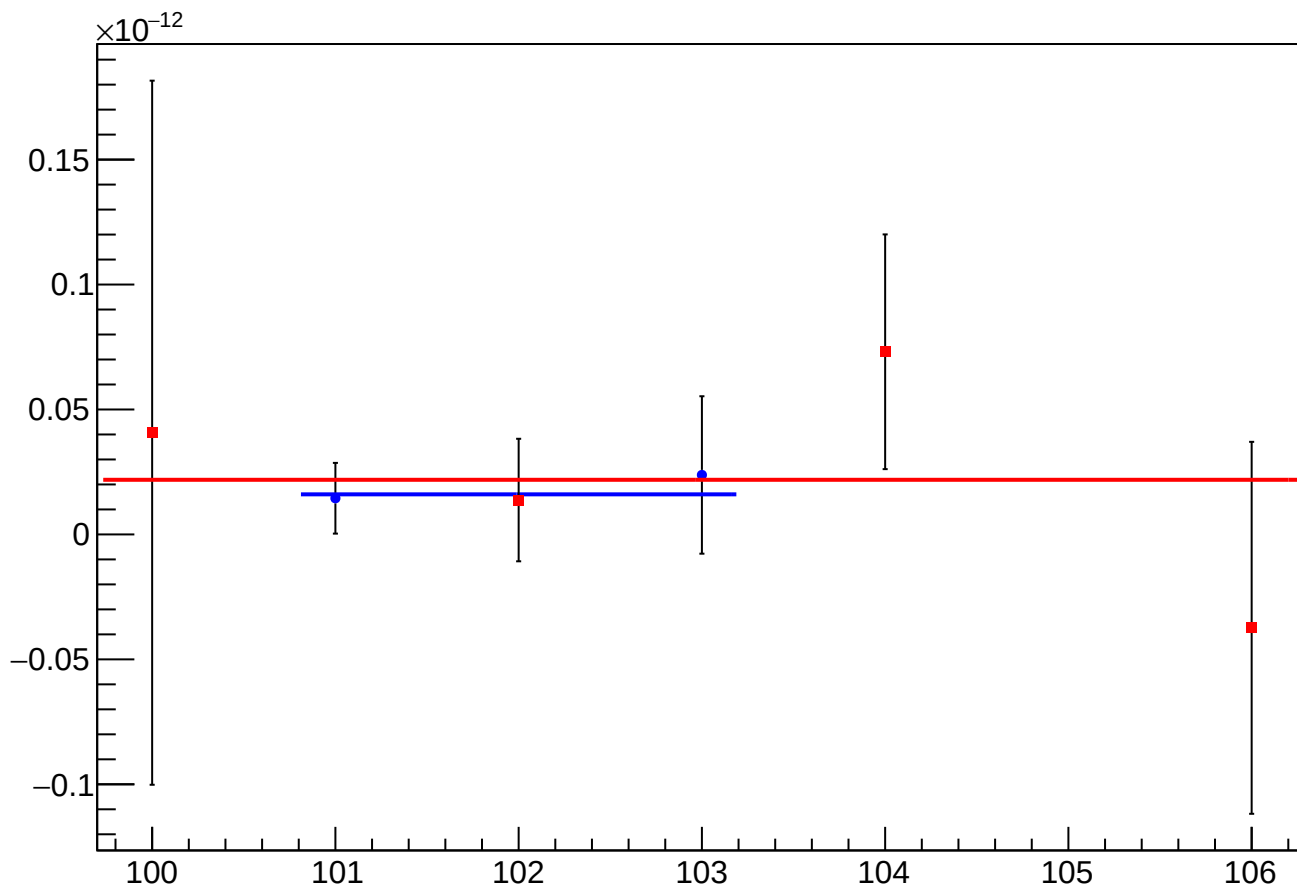
Right: 35.167 $\pm$ 0.018 χ^2 /NDF: 905909.8/5

In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.167 $\pm$ 0.018 χ^2 /NDF: 905909.8/5

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

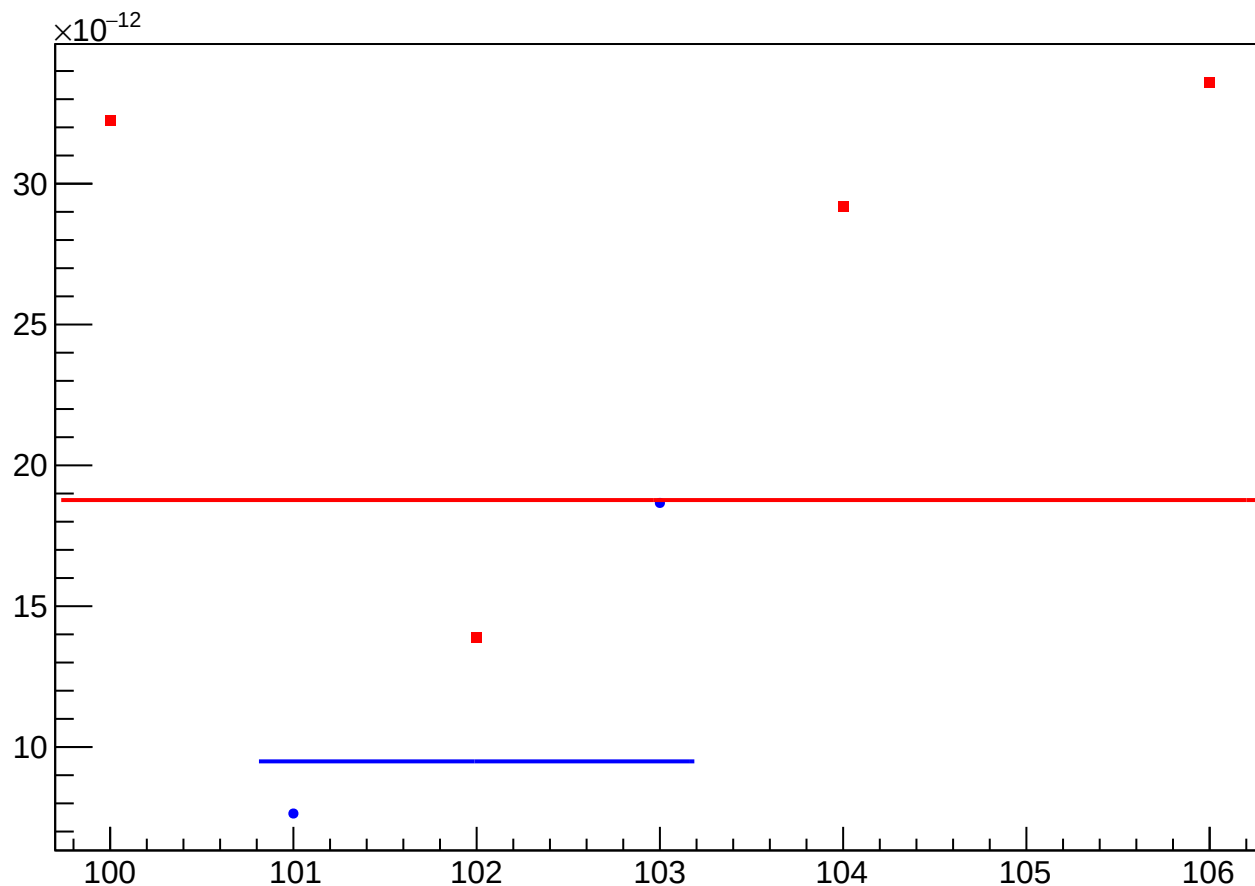
Right: 0.000+/-0.000 χ^2/NDF : 2.1/5

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.1/5

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 203887.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 275202.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

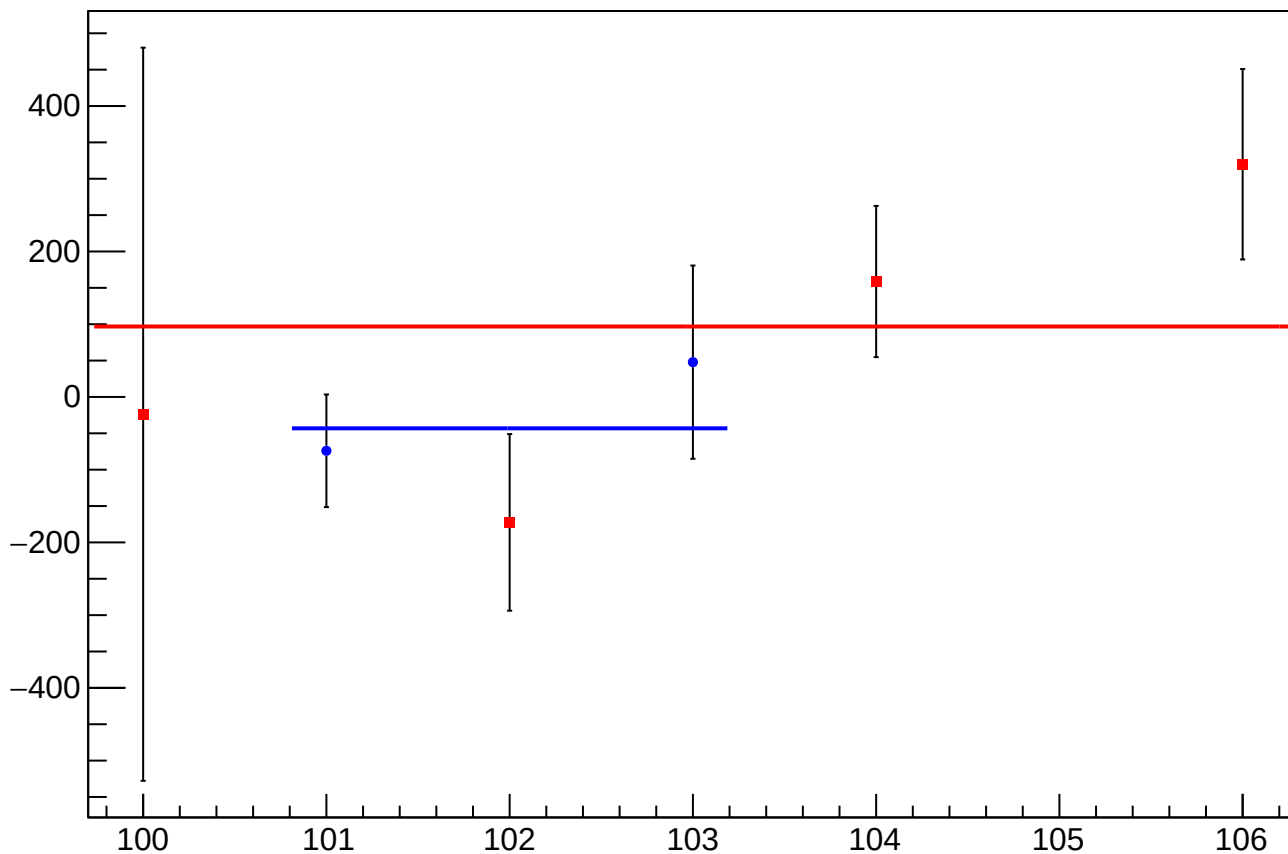
Right: 0.000+/-0.000 χ^2/NDF : 769597.8/5

In: 0.000+/-0.000 χ^2/NDF : 203887.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 769597.8/5

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.146+/-66.901 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.857+/-67.020 χ^2/NDF : 8.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

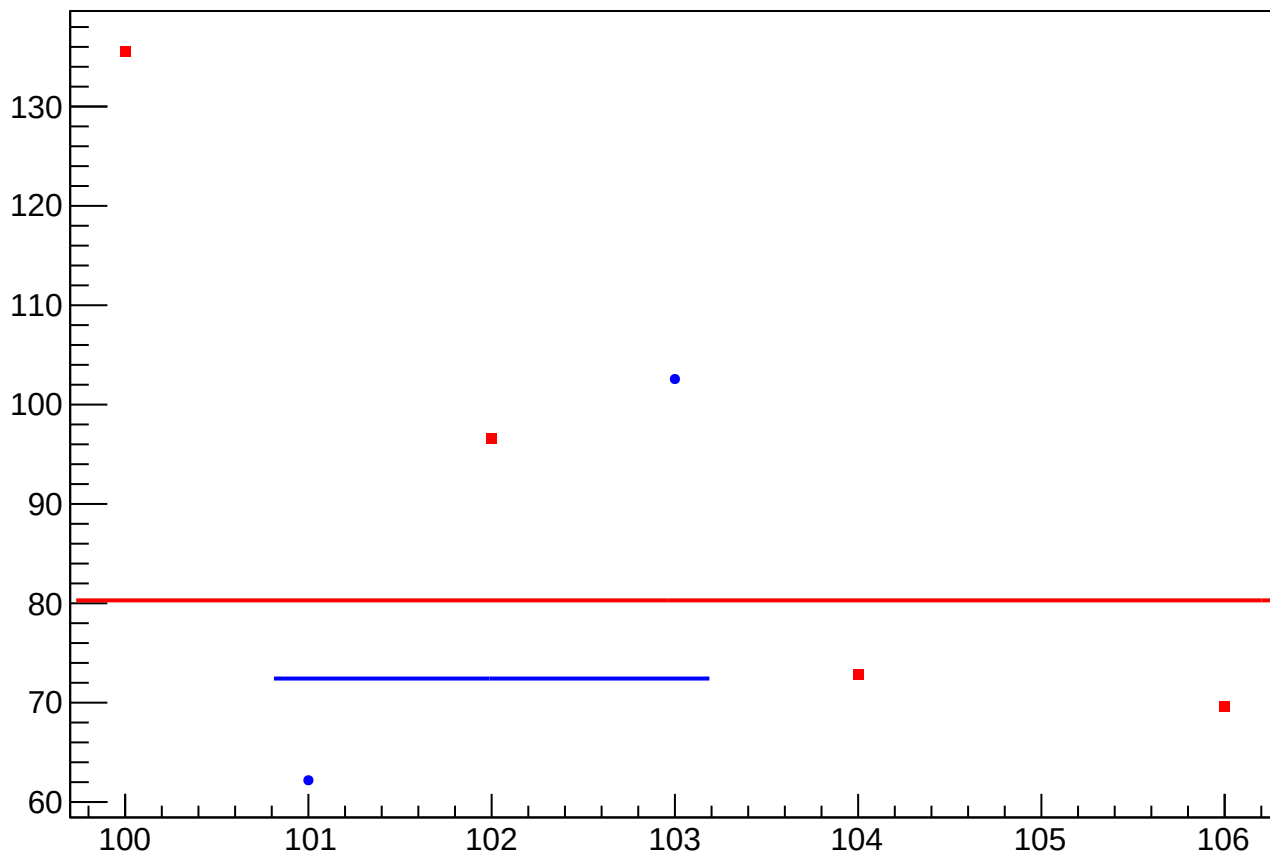
Right: 26.731+/-47.348 χ^2/NDF : 11.0/5

In: -43.146+/-66.901 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.731+/-47.348 χ^2/NDF : 11.0/5

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428+/-0.047 χ^2/NDF : 137905.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.297+/-0.047 χ^2/NDF : 83748.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

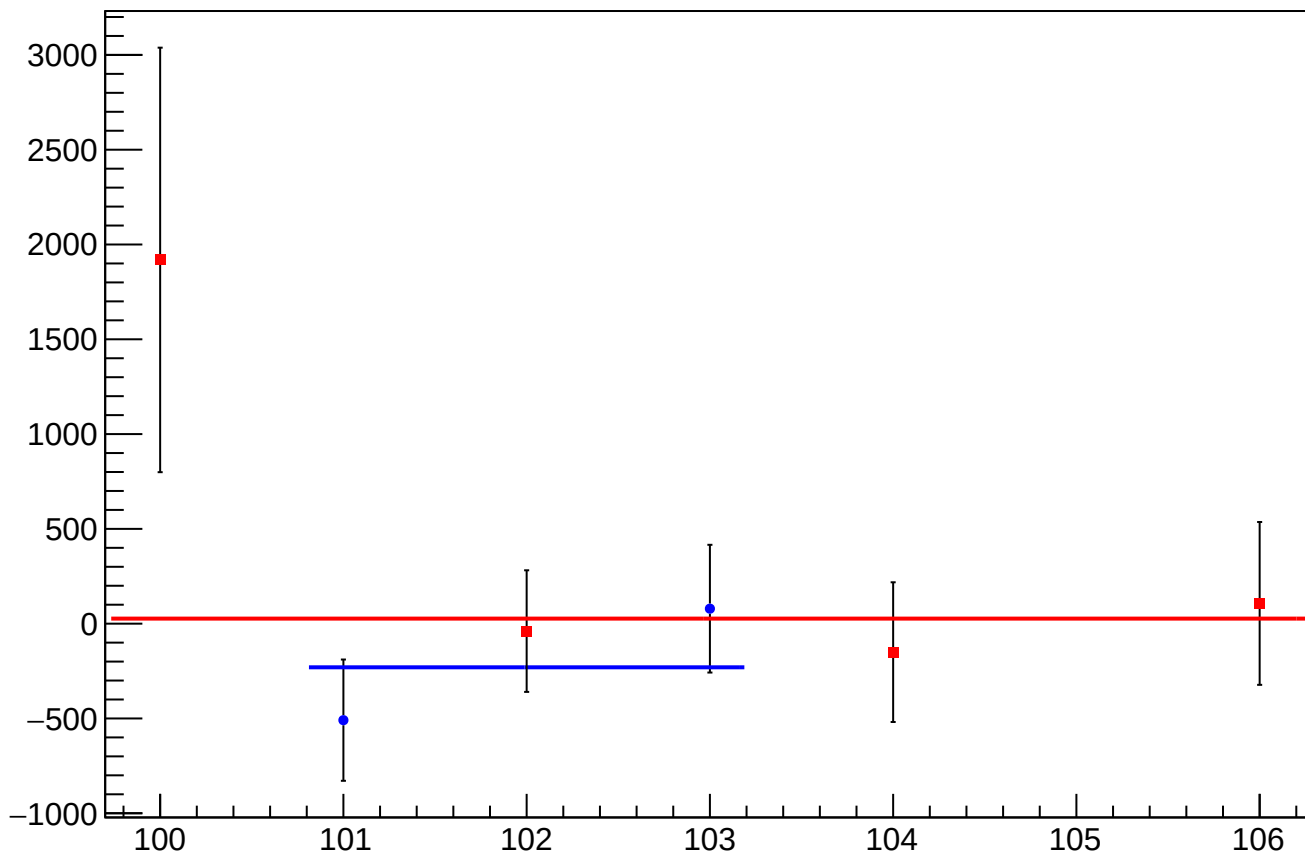
Right: 76.356+/-0.033 χ^2/NDF : 235464.2/5

In: 72.428+/-0.047 χ^2/NDF : 137905.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.356+/-0.033 χ^2/NDF : 235464.2/5

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -230.201+/-231.957 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.701+/-207.140 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

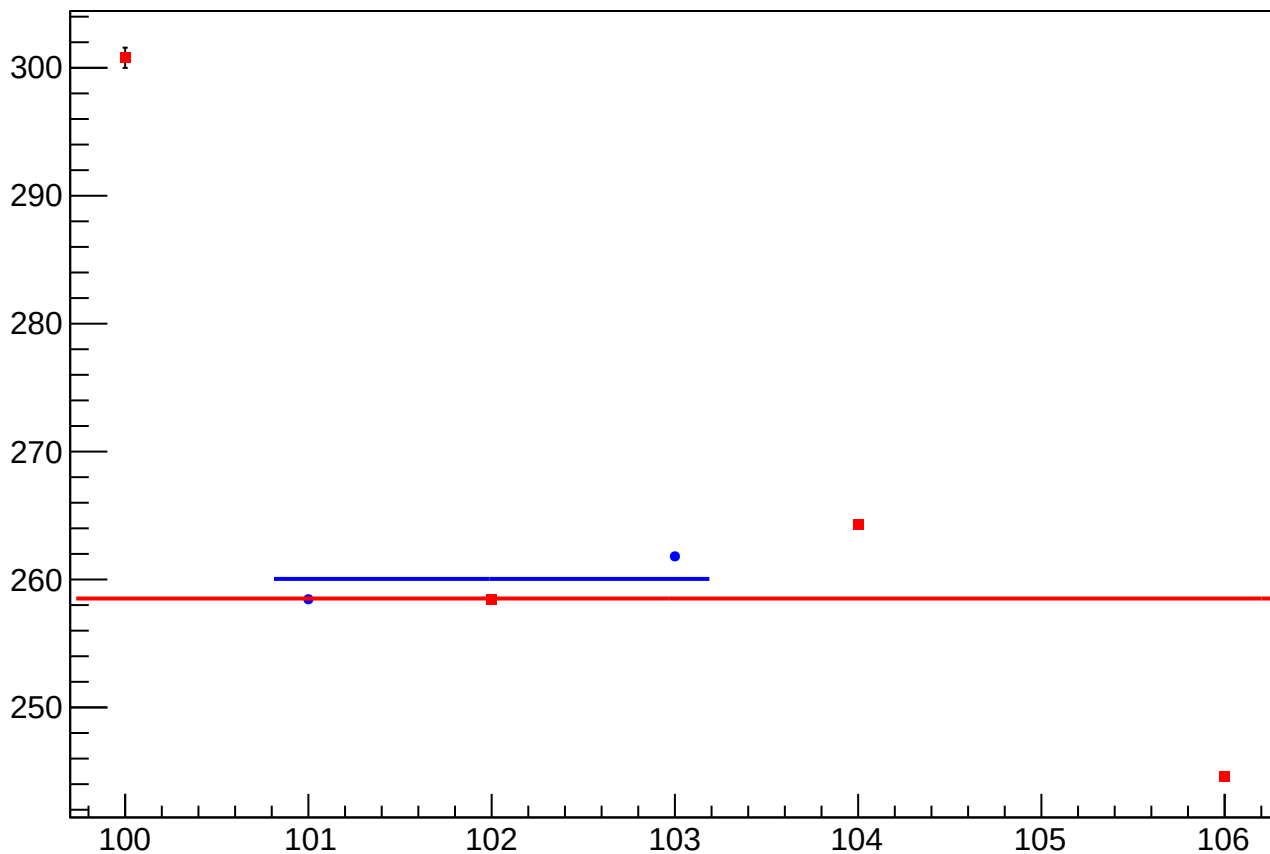
Right: -87.276+/-154.502 χ^2/NDF : 5.4/5

In: -230.201+/-231.957 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.276+/-154.502 χ^2/NDF : 5.4/5

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 260.045 ± 0.164 $\chi^2/\text{NDF}: 104.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 258.514 ± 0.146 $\chi^2/\text{NDF}: 5447.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

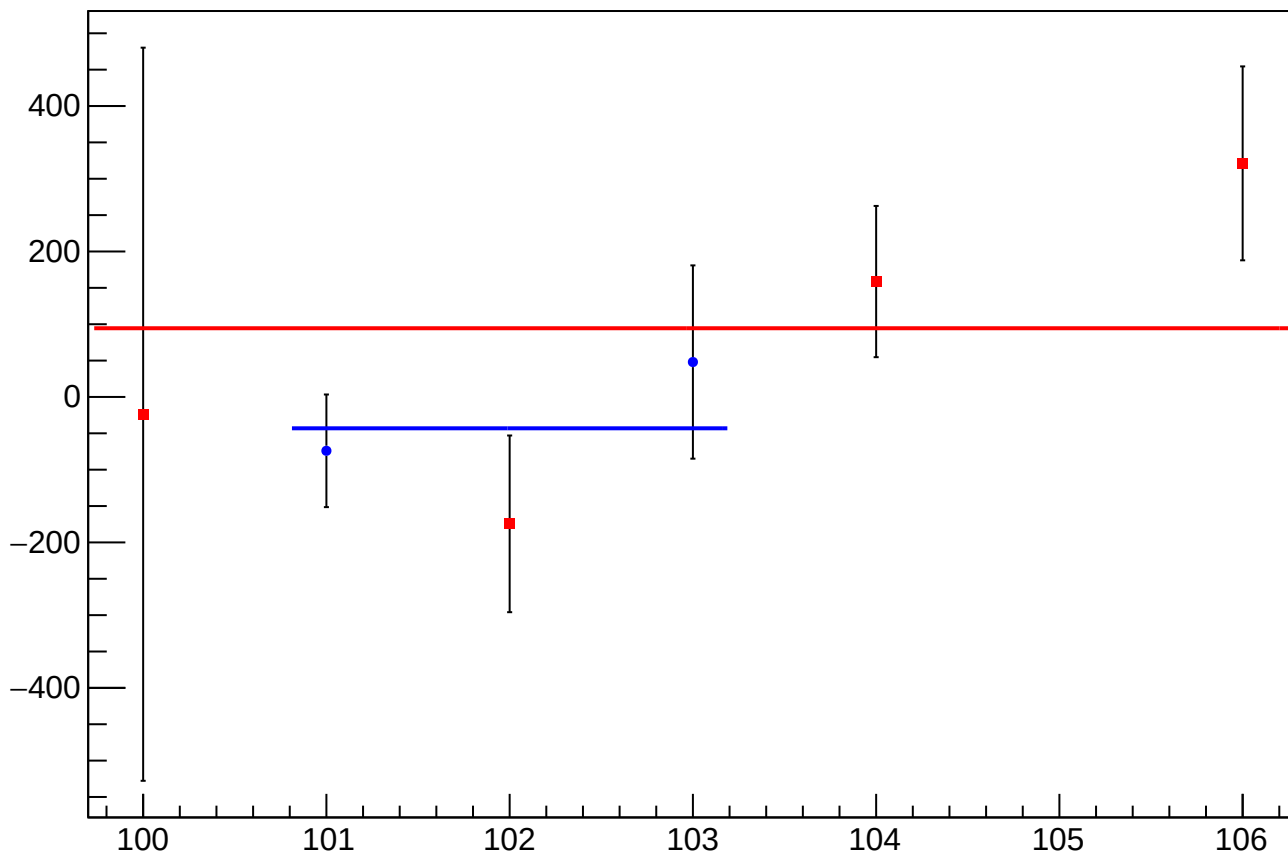
Right: 259.193 ± 0.109 $\chi^2/\text{NDF}: 5600.3/5$

In: 260.045 ± 0.164 $\chi^2/\text{NDF}: 104.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 259.193 ± 0.109 $\chi^2/\text{NDF}: 5600.3/5$

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.108+/-66.901 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.465+/-67.346 χ^2/NDF : 8.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

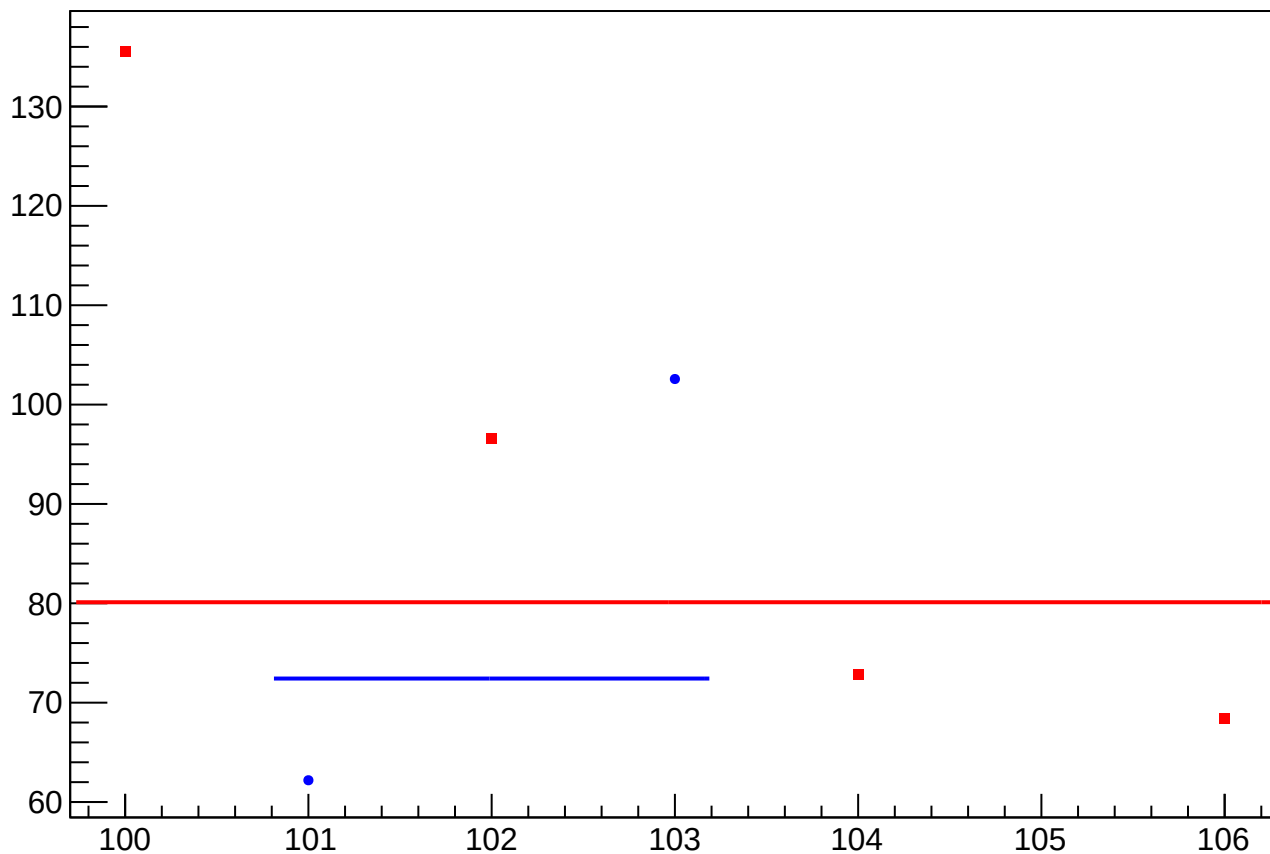
Right: 25.222+/-47.462 χ^2/NDF : 11.0/5

In: -43.108+/-66.901 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.222+/-47.462 χ^2/NDF : 11.0/5

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428 $\pm$ 0.047 χ^2/NDF : 137907.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 80.108 $\pm$ 0.048 χ^2/NDF : 86336.5/3

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

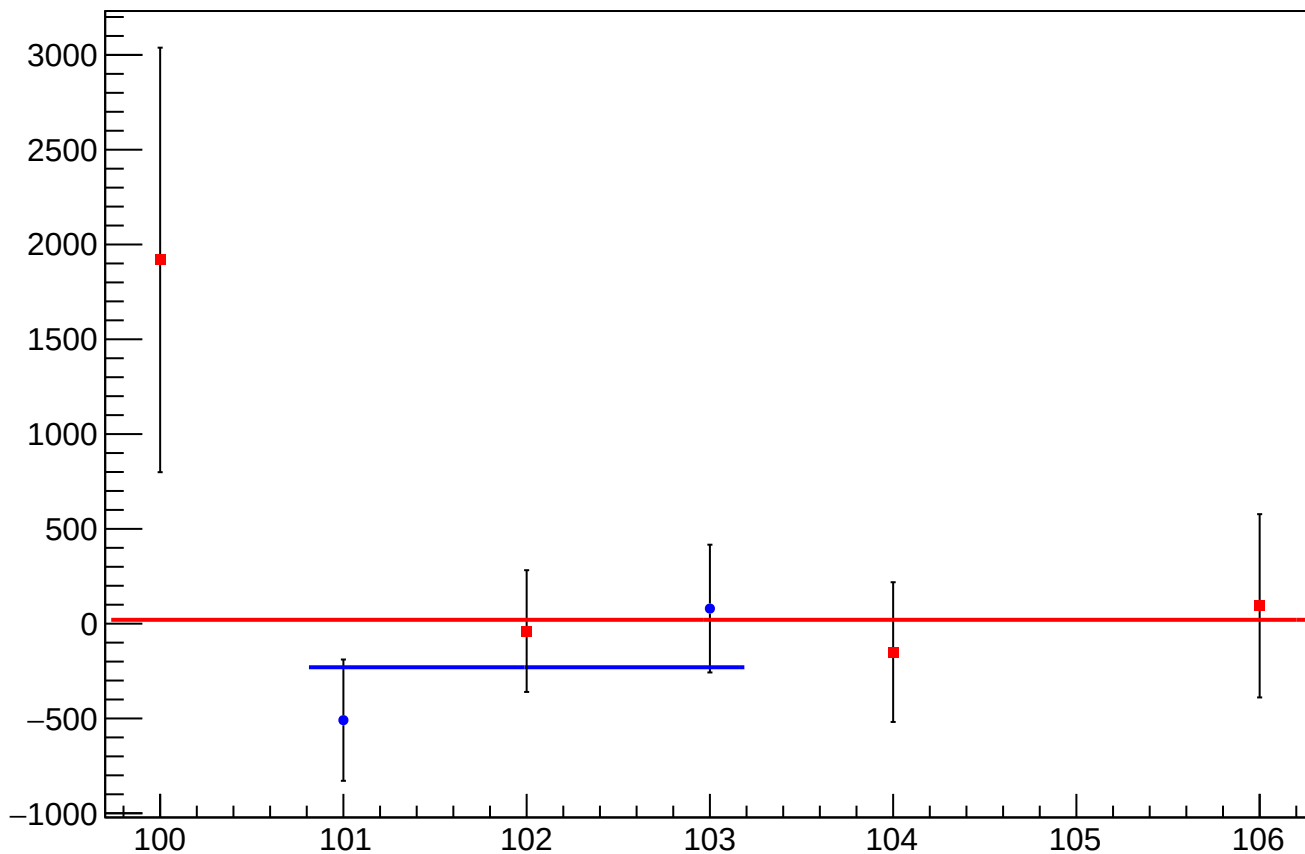
Right: 76.243 $\pm$ 0.034 χ^2/NDF : 237335.1/5

In: 72.428 $\pm$ 0.047 χ^2/NDF : 137907.6/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 76.243 $\pm$ 0.034 χ^2/NDF : 237335.1/5

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -229.971+/-231.969 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.360+/-212.512 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

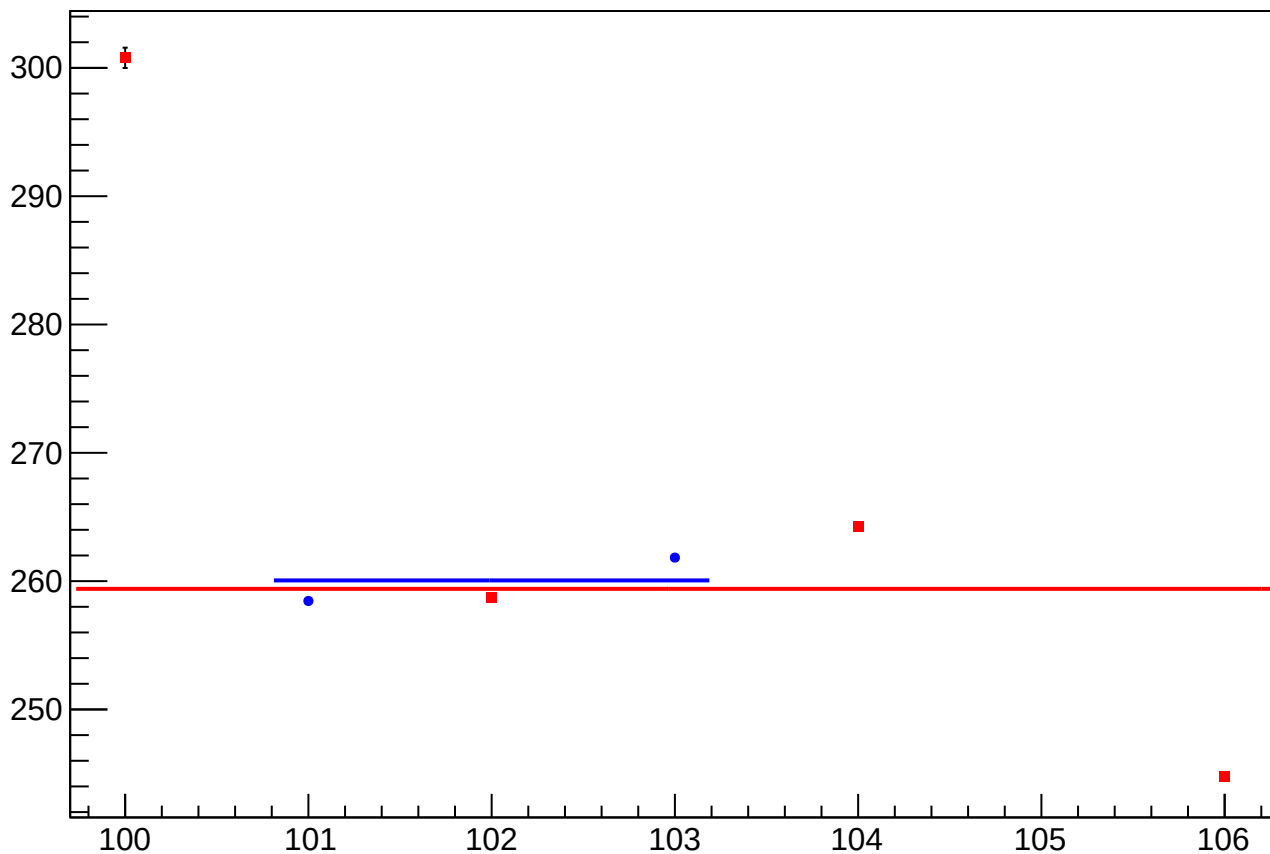
Right: -93.868+/-156.696 χ^2/NDF : 5.4/5

In: -229.971+/-231.969 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.868+/-156.696 χ^2/NDF : 5.4/5

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057 ± 0.164 χ^2/NDF : 105.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 259.400 ± 0.150 χ^2/NDF : 4923.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

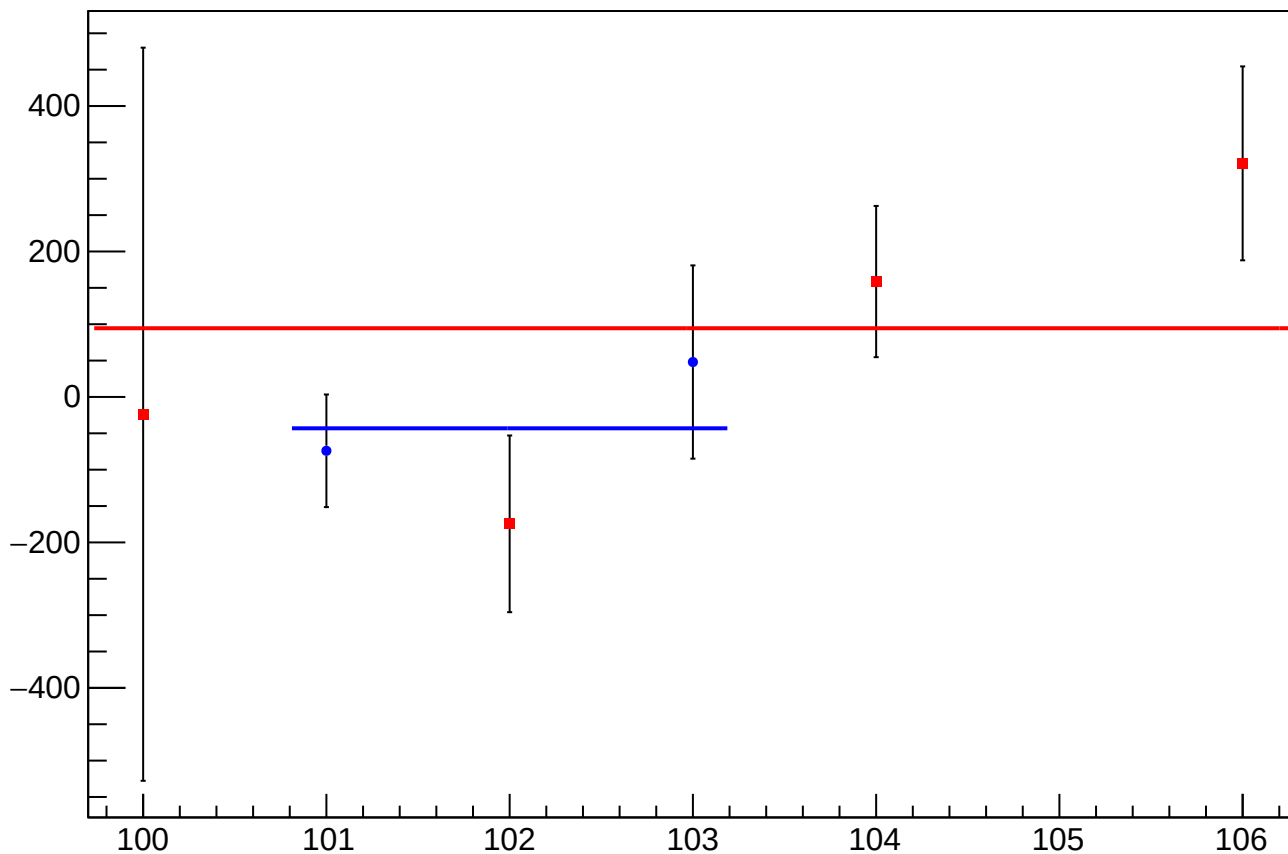
Right: 259.700 ± 0.111 χ^2/NDF : 5038.4/5

In: 260.057 ± 0.164 χ^2/NDF : 105.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 259.700 ± 0.111 χ^2/NDF : 5038.4/5

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -43.108 $\pm$ 66.901 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.465 $\pm$ 67.346 χ^2 /NDF: 8.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

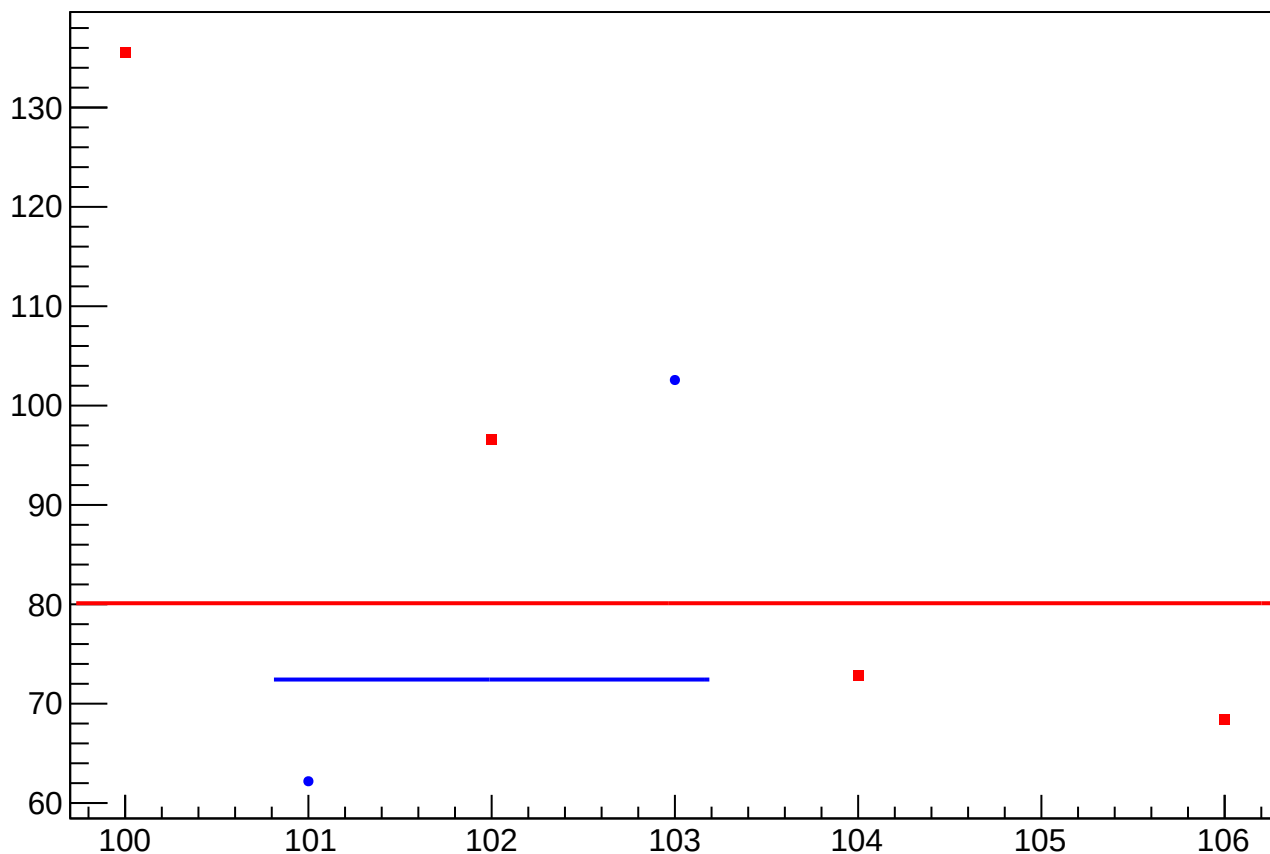
Right: 25.222 $\pm$ 47.462 χ^2 /NDF: 11.0/5

In: -43.108 $\pm$ 66.901 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.222 $\pm$ 47.462 χ^2 /NDF: 11.0/5

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.108+/-0.048 χ^2/NDF : 86336.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

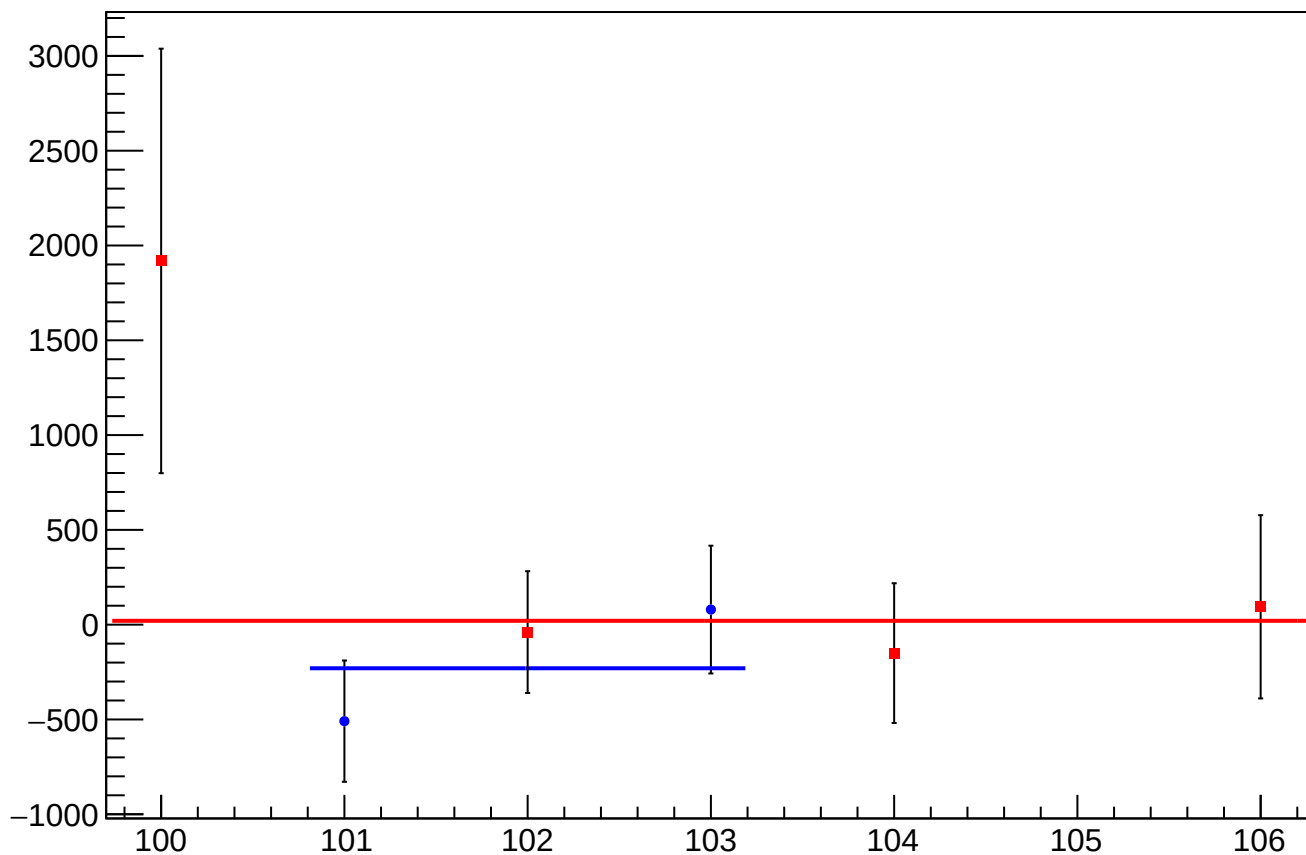
Right: 76.243+/-0.034 χ^2/NDF : 237335.1/5

In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.243+/-0.034 χ^2/NDF : 237335.1/5

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -229.971 $\pm$ 231.969 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.360 $\pm$ 212.512 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

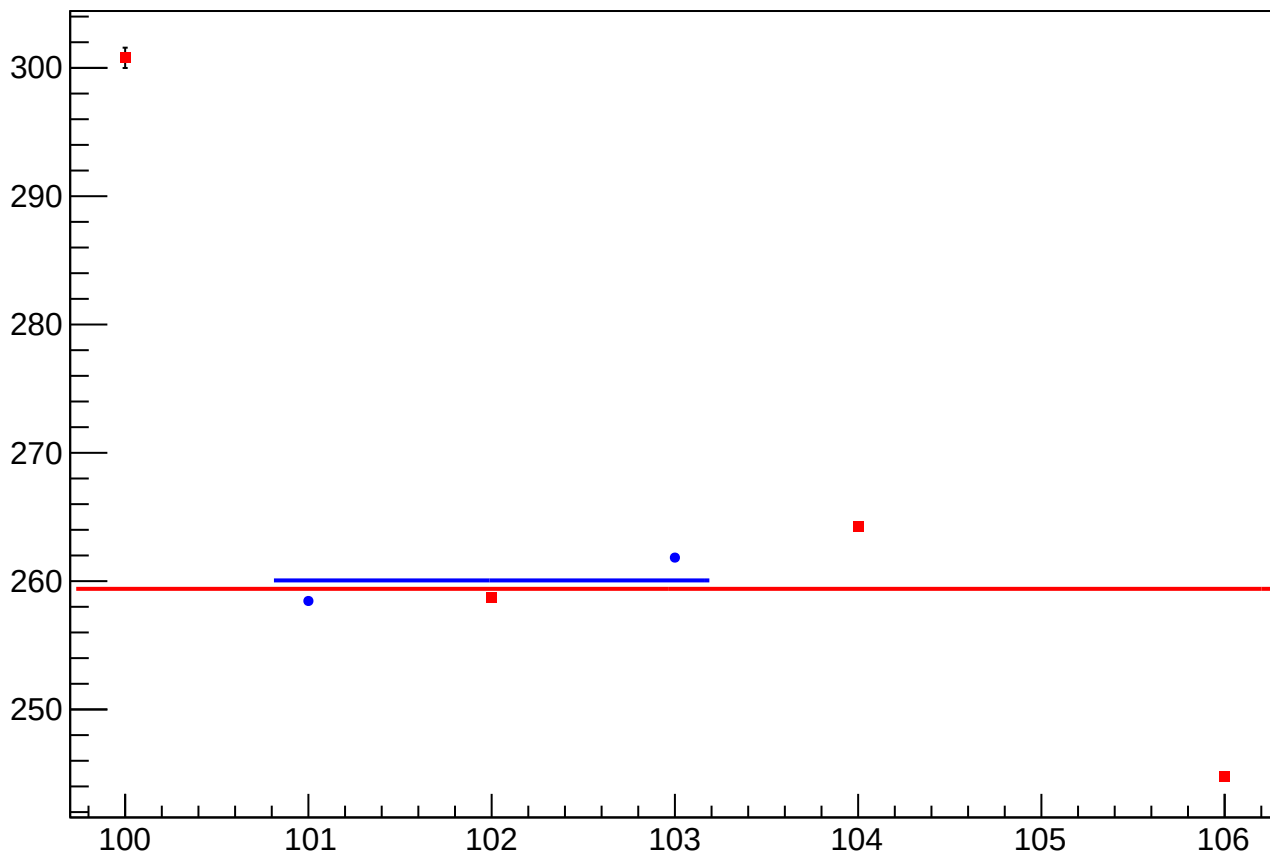
Right: -93.868 $\pm$ 156.696 χ^2 /NDF: 5.4/5

In: -229.971 $\pm$ 231.969 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -93.868 $\pm$ 156.696 χ^2 /NDF: 5.4/5

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057 ± 0.164 $\chi^2/\text{NDF}: 105.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 259.400 ± 0.150 $\chi^2/\text{NDF}: 4923.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

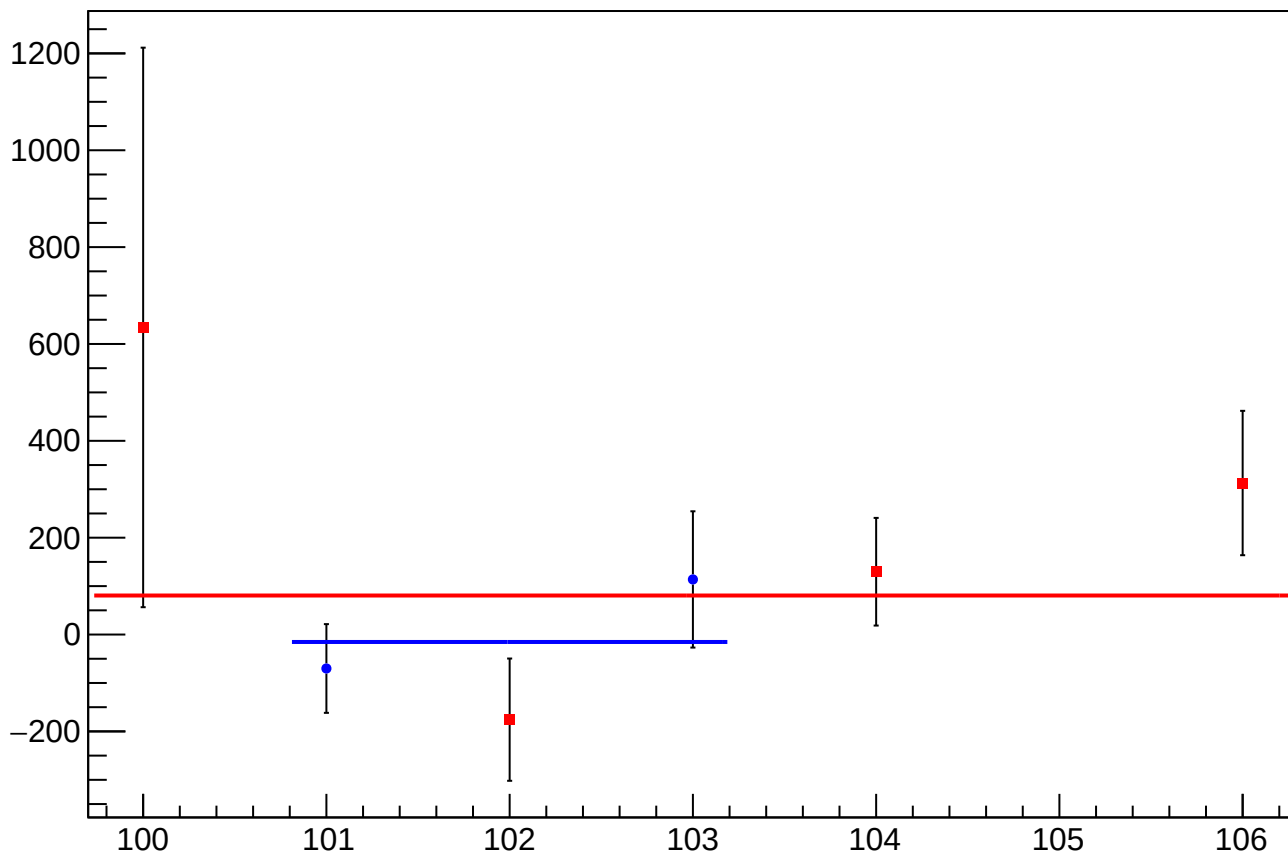
Right: 259.700 ± 0.111 $\chi^2/\text{NDF}: 5038.4/5$

In: 260.057 ± 0.164 $\chi^2/\text{NDF}: 105.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 259.700 ± 0.111 $\chi^2/\text{NDF}: 5038.4/5$

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -15.343+/-76.774 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.598+/-72.225 χ^2/NDF : 7.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

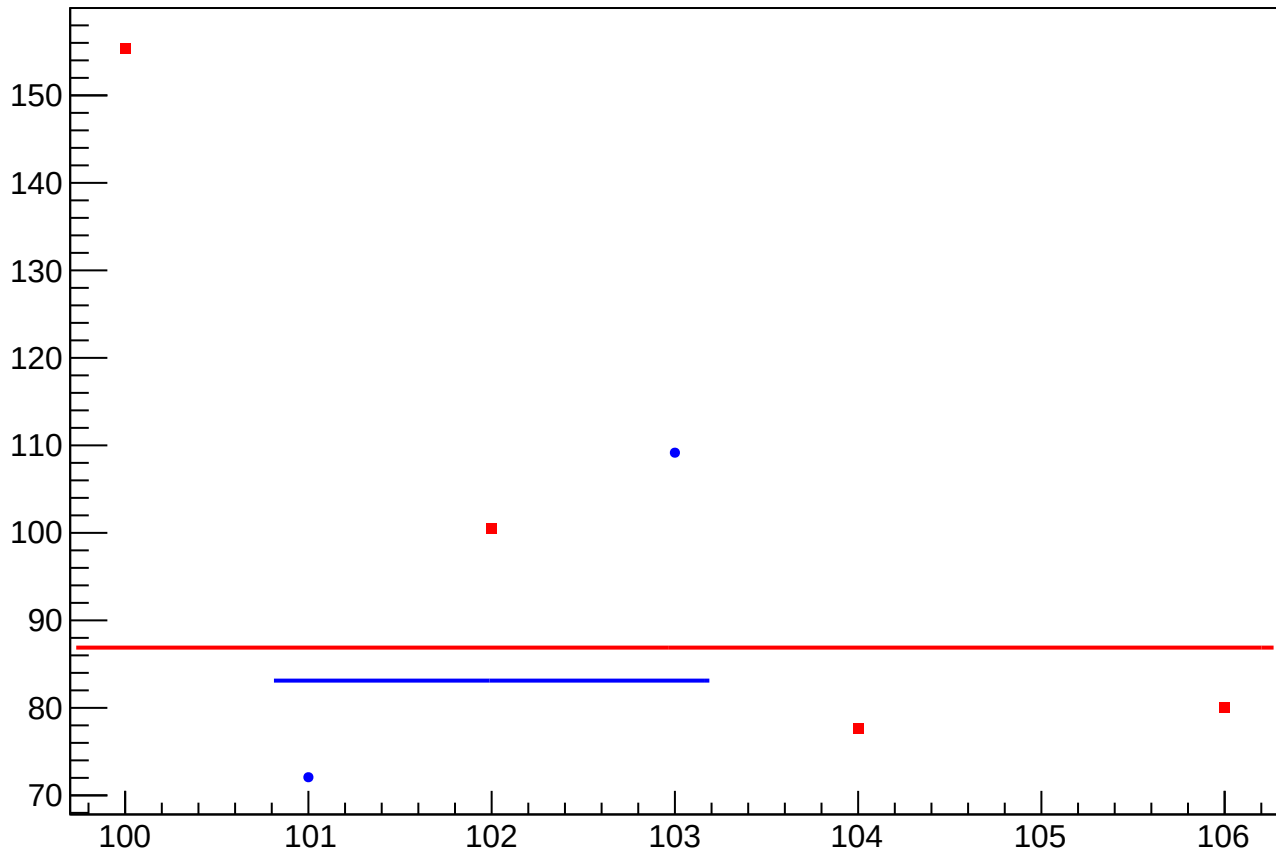
Right: 35.555+/-52.605 χ^2/NDF : 9.7/5

In: -15.343+/-76.774 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.555+/-52.605 χ^2/NDF : 9.7/5

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 83.116+/-0.054 χ^2/NDF : 97600.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.887+/-0.051 χ^2/NDF : 69260.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

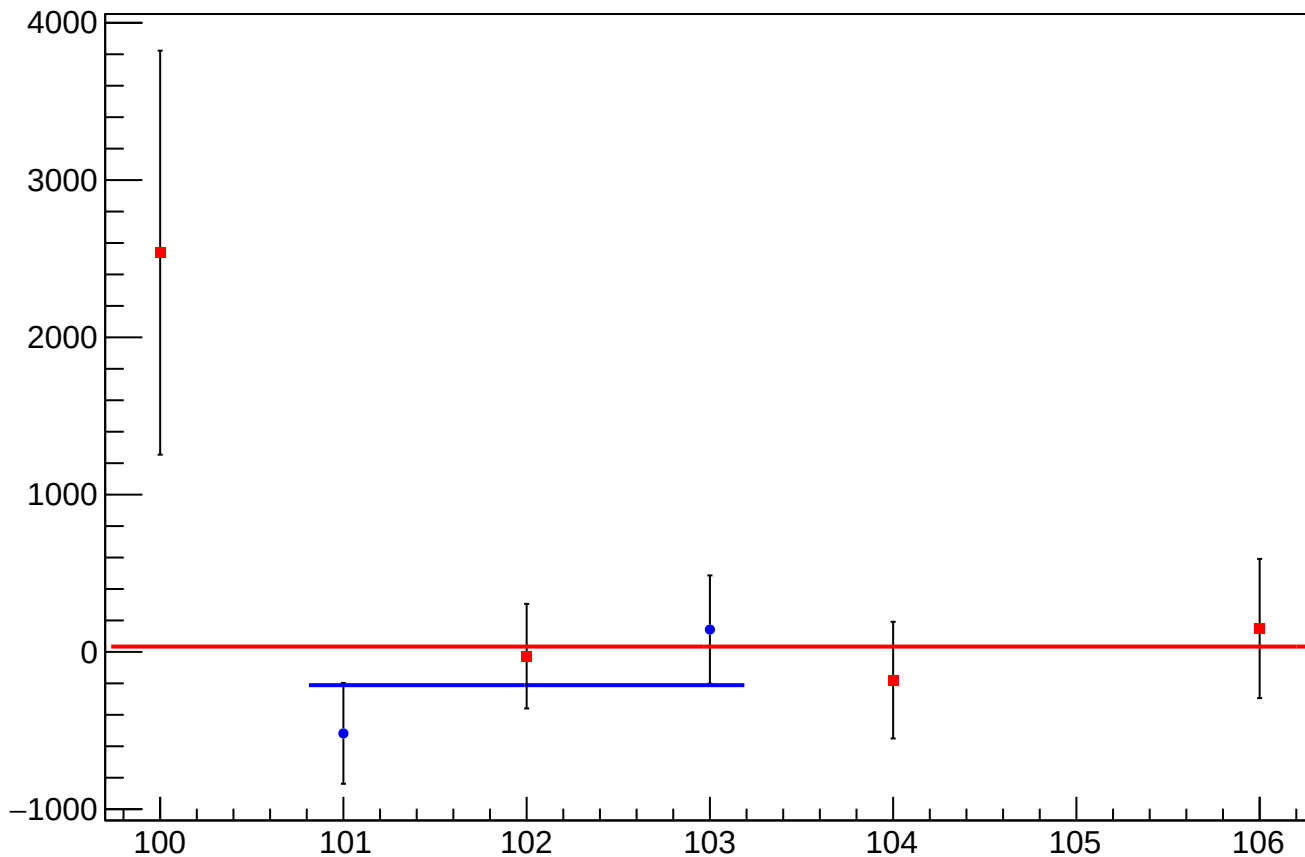
Right: 85.117+/-0.037 χ^2/NDF : 169421.8/5

In: 83.116+/-0.054 χ^2/NDF : 97600.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.117+/-0.037 χ^2/NDF : 169421.8/5

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.480+/-234.587 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.988+/-213.081 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

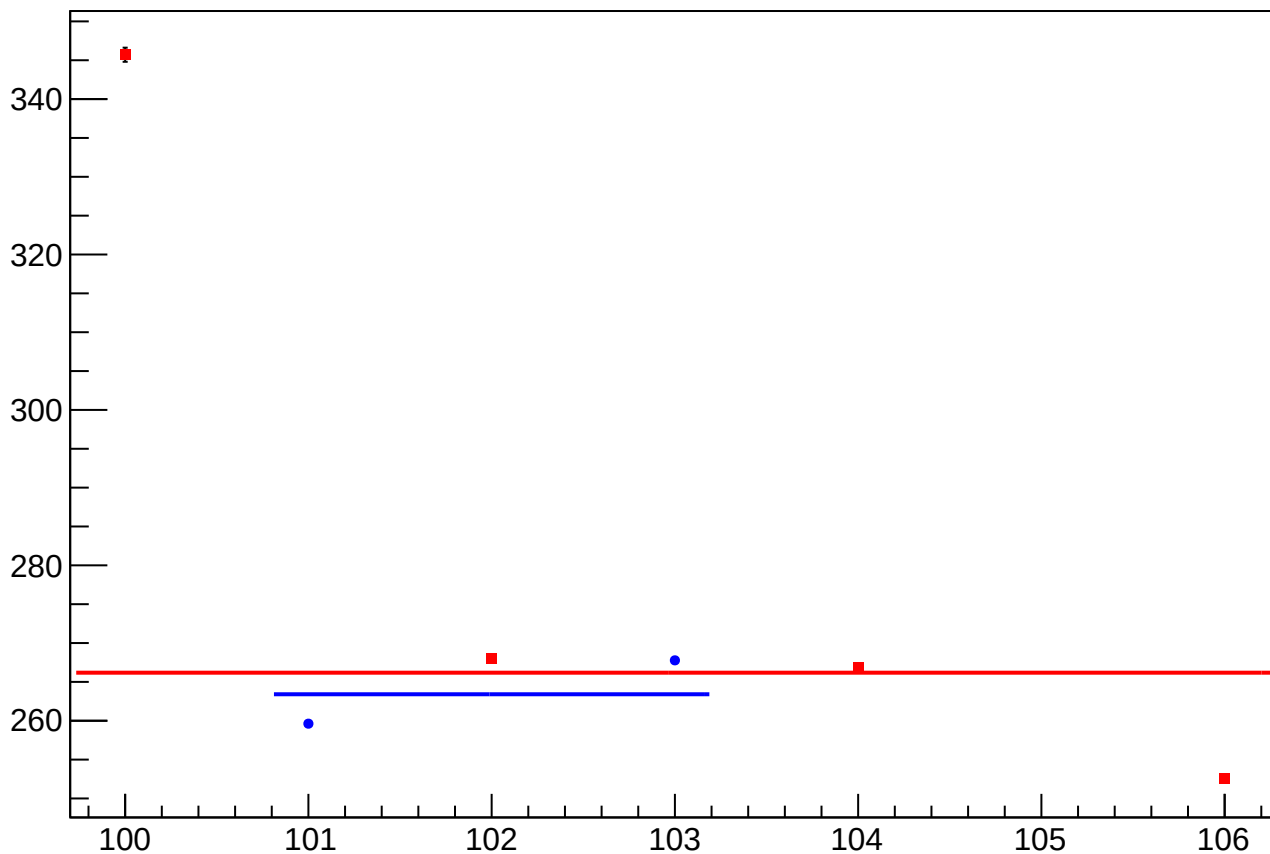
Right: -76.981+/-157.727 χ^2/NDF : 6.8/5

In: -211.480+/-234.587 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.981+/-157.727 χ^2/NDF : 6.8/5

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

Right: 264.930 ± 0.112 $\chi^2/\text{NDF} = 10371.9/5$

In: 263.409 ± 0.166 $\chi^2/\text{NDF} = 600.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

All: 264.930 ± 0.112 $\chi^2/\text{NDF} = 10371.9/5$

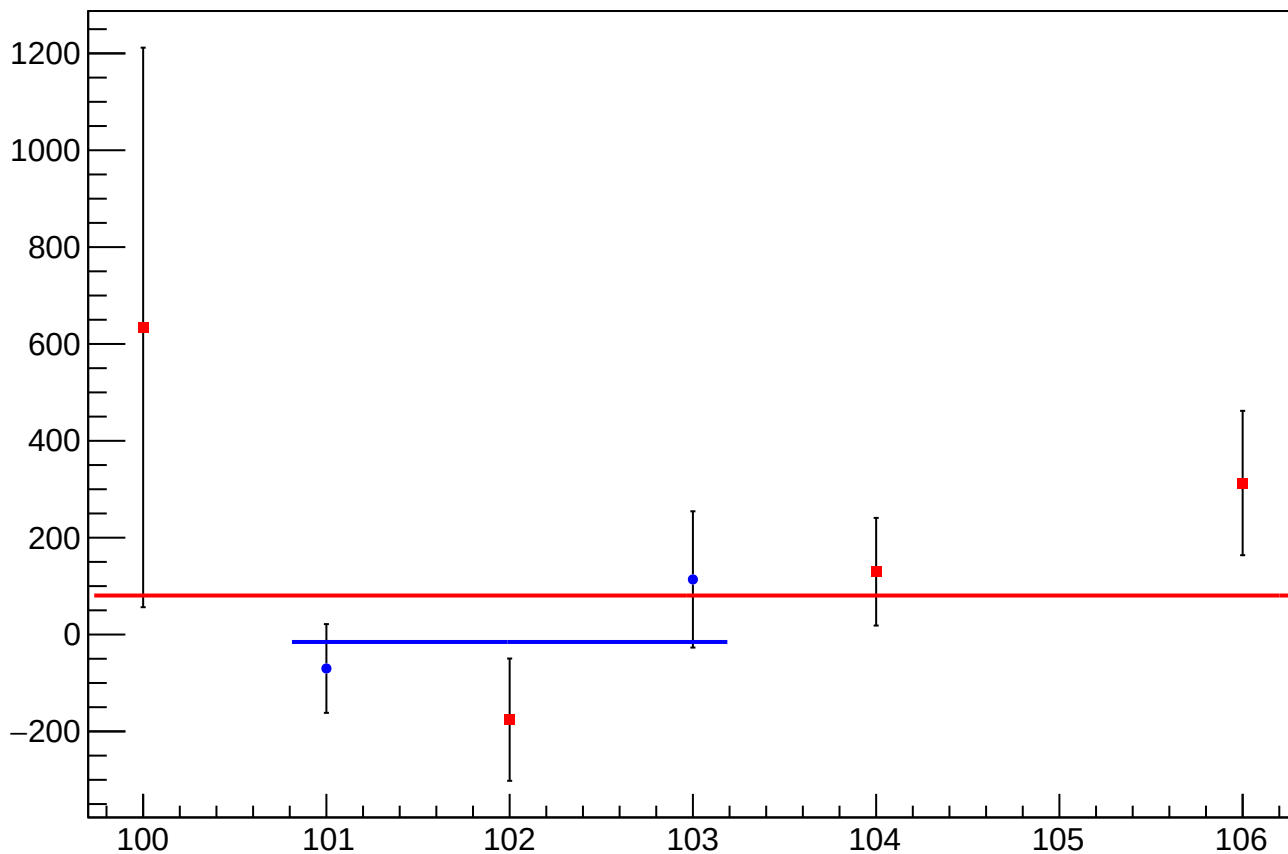
Right In: 263.409 ± 0.166 $\chi^2/\text{NDF} = 600.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

Right Out: 266.185 ± 0.151 $\chi^2/\text{NDF} = 9618.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF} = 0.0/0$

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -15.337+/-76.774 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.597+/-72.225 χ^2/NDF : 7.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

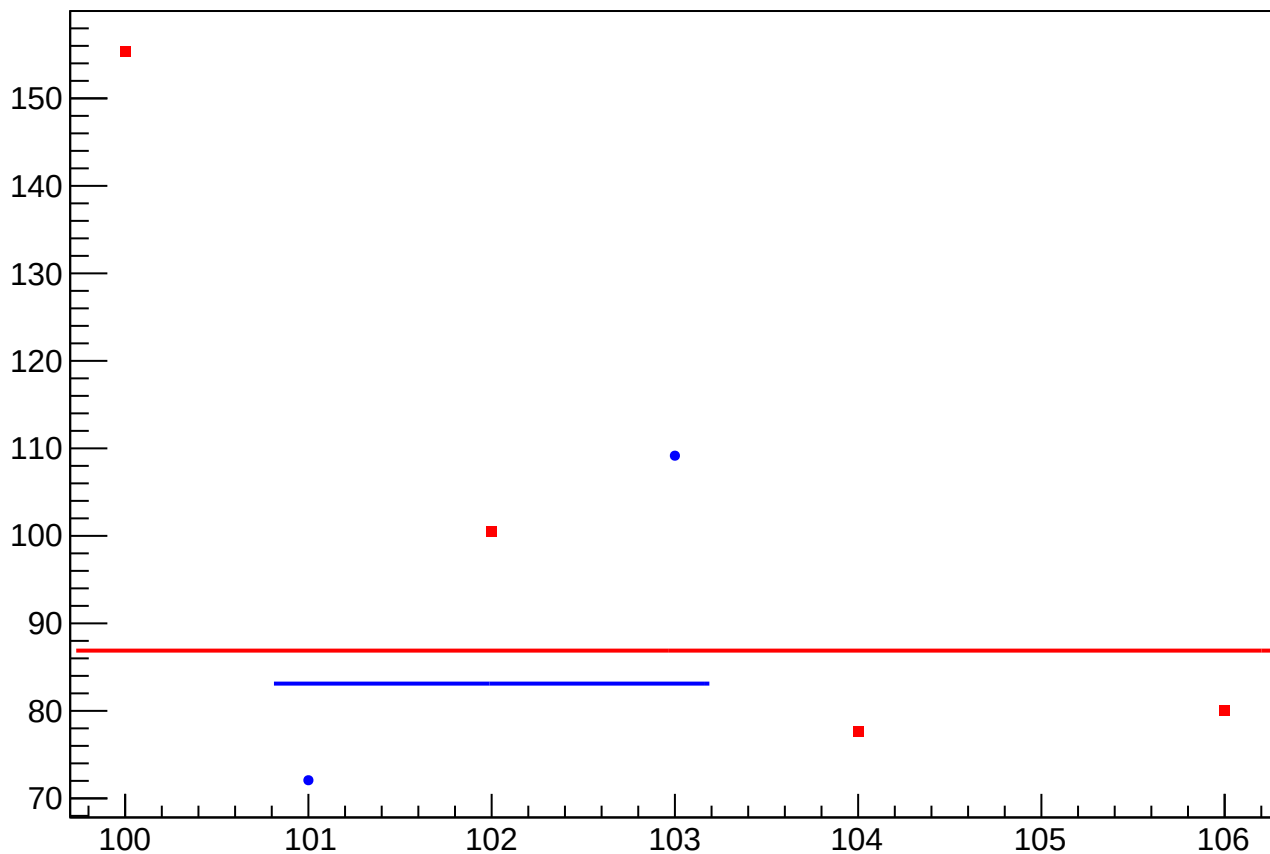
Right: 35.557+/-52.605 χ^2/NDF : 9.7/5

In: -15.337+/-76.774 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.557+/-52.605 χ^2/NDF : 9.7/5

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 83.116+/-0.054 χ^2/NDF : 97599.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.887+/-0.051 χ^2/NDF : 69259.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

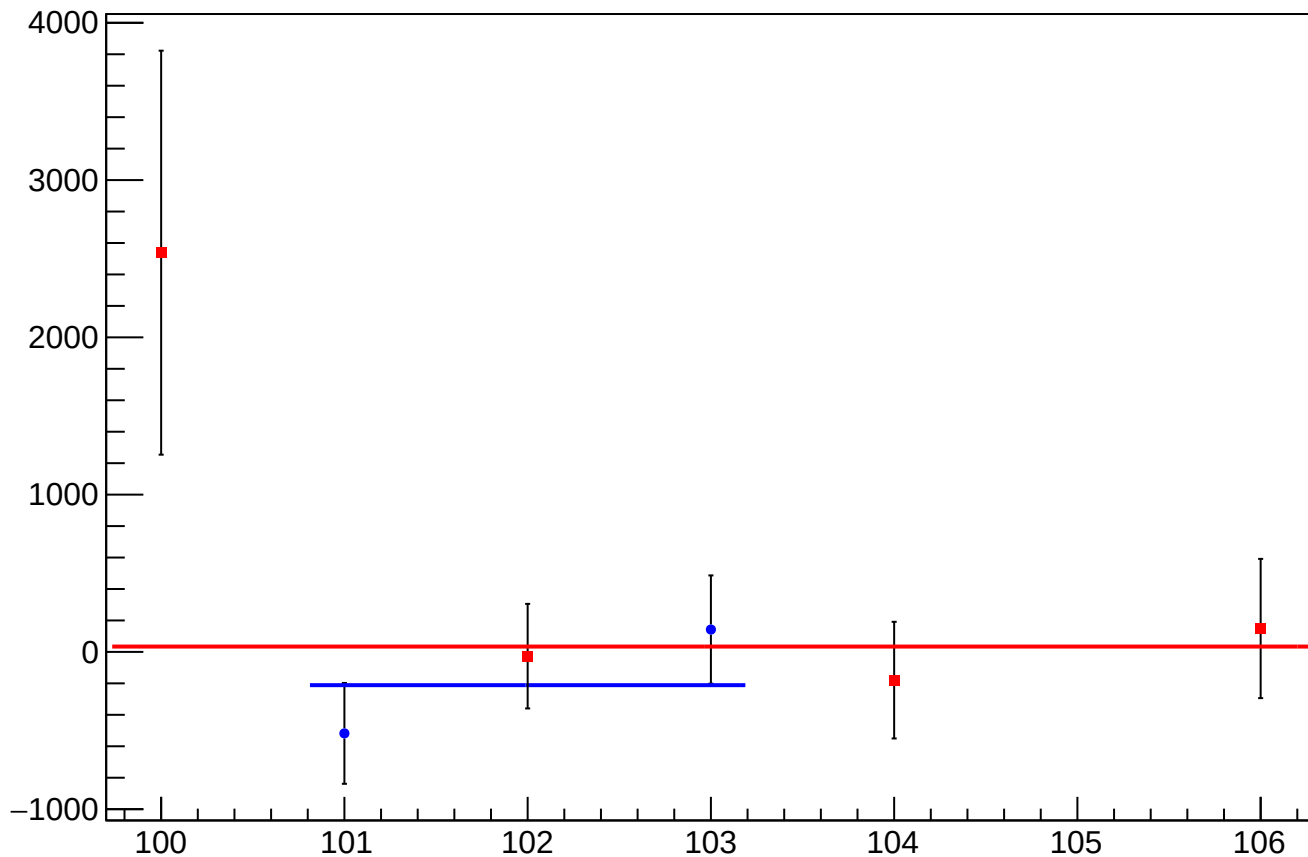
Right: 85.117+/-0.037 χ^2/NDF : 169419.8/5

In: 83.116+/-0.054 χ^2/NDF : 97599.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.117+/-0.037 χ^2/NDF : 169419.8/5

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -211.477+/-234.585 χ^2 /NDF: 2.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 33.986+/-213.080 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

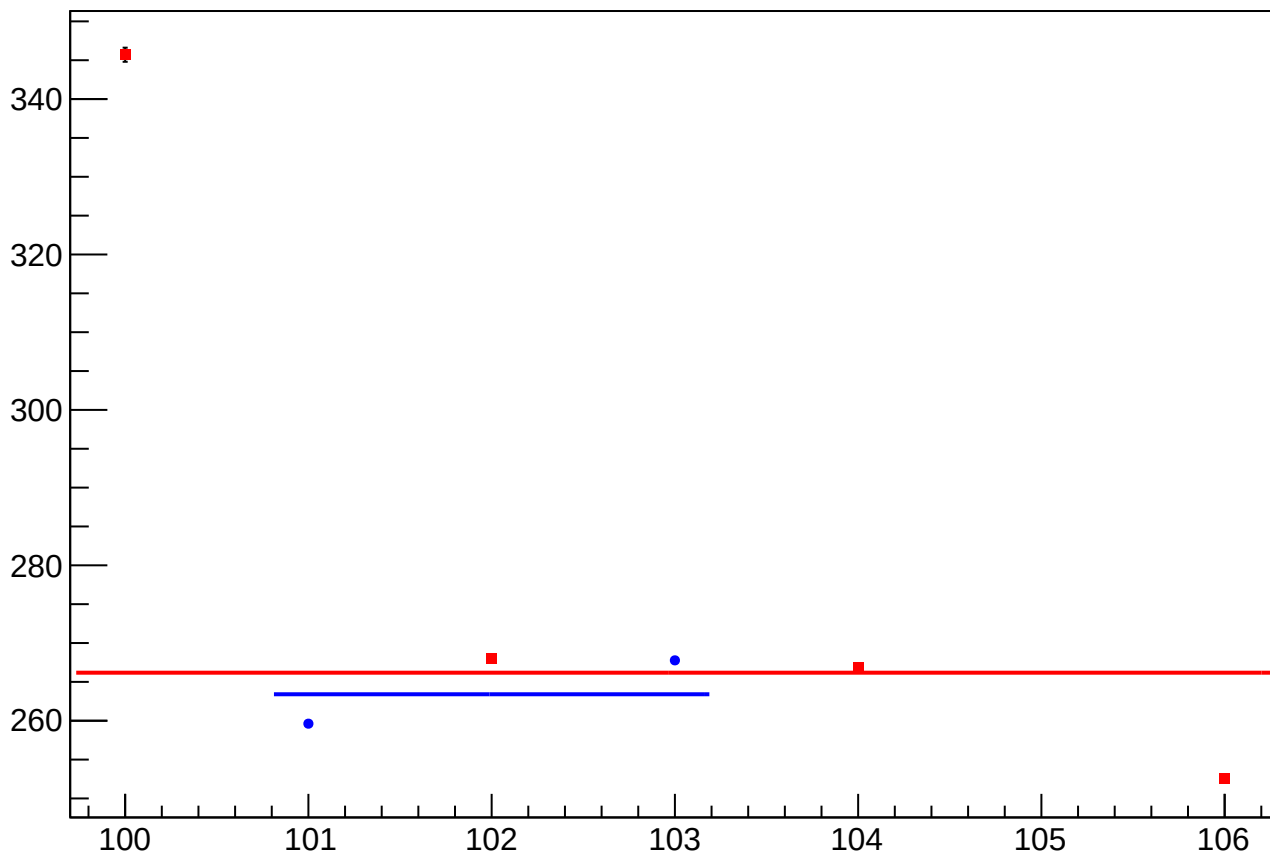
Right: -76.981+/-157.726 χ^2 /NDF: 6.8/5

In: -211.477+/-234.585 χ^2 /NDF: 2.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -76.981+/-157.726 χ^2 /NDF: 6.8/5

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 263.406+/-0.166 χ^2/NDF : 600.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 266.182+/-0.151 χ^2/NDF : 9617.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

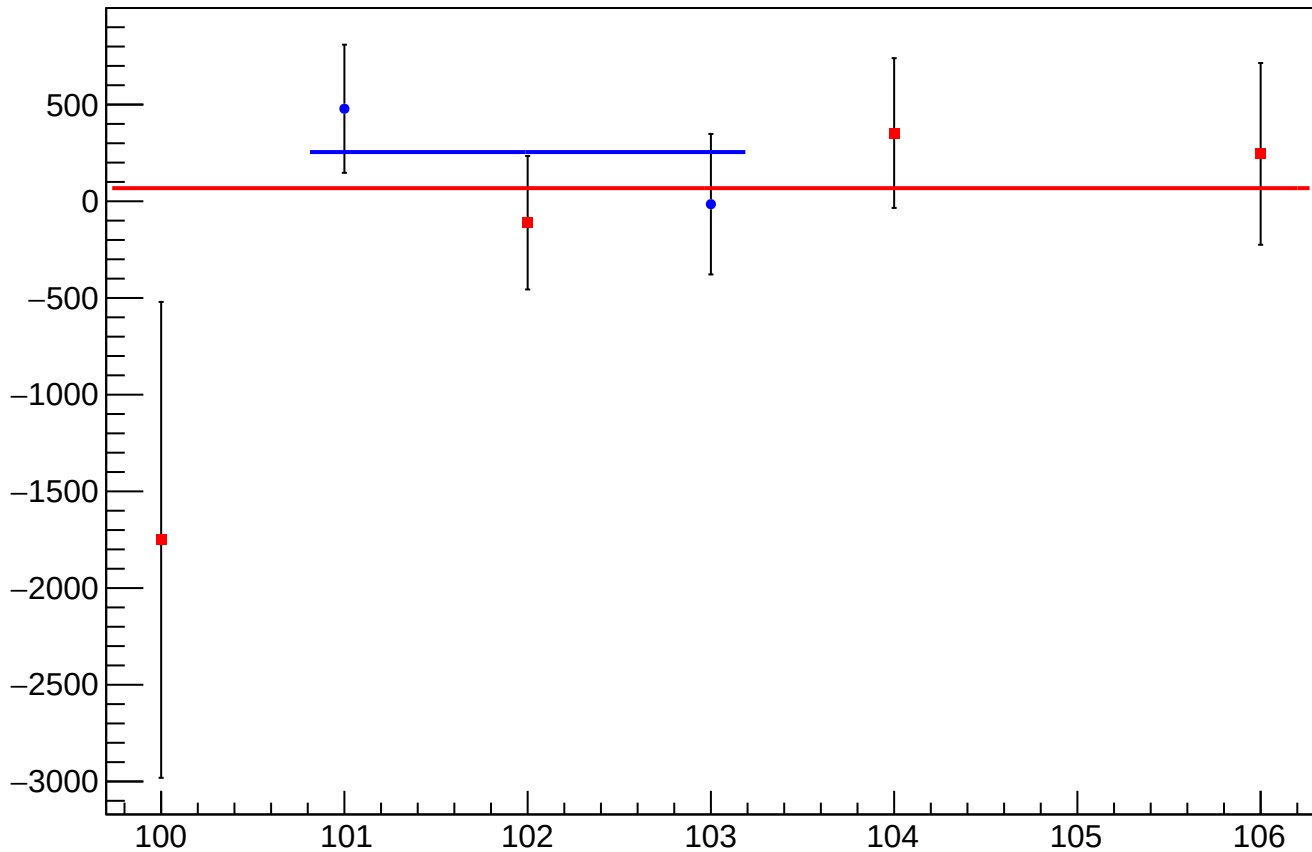
Right: 264.927+/-0.112 χ^2/NDF : 10371.7/5

In: 263.406+/-0.166 χ^2/NDF : 600.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 264.927+/-0.112 χ^2/NDF : 10371.7/5

asym_sam8_mean vs Slug, Sign Corrected



Right In: 254.440 $\pm$ 244.800 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.804 $\pm$ 222.157 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

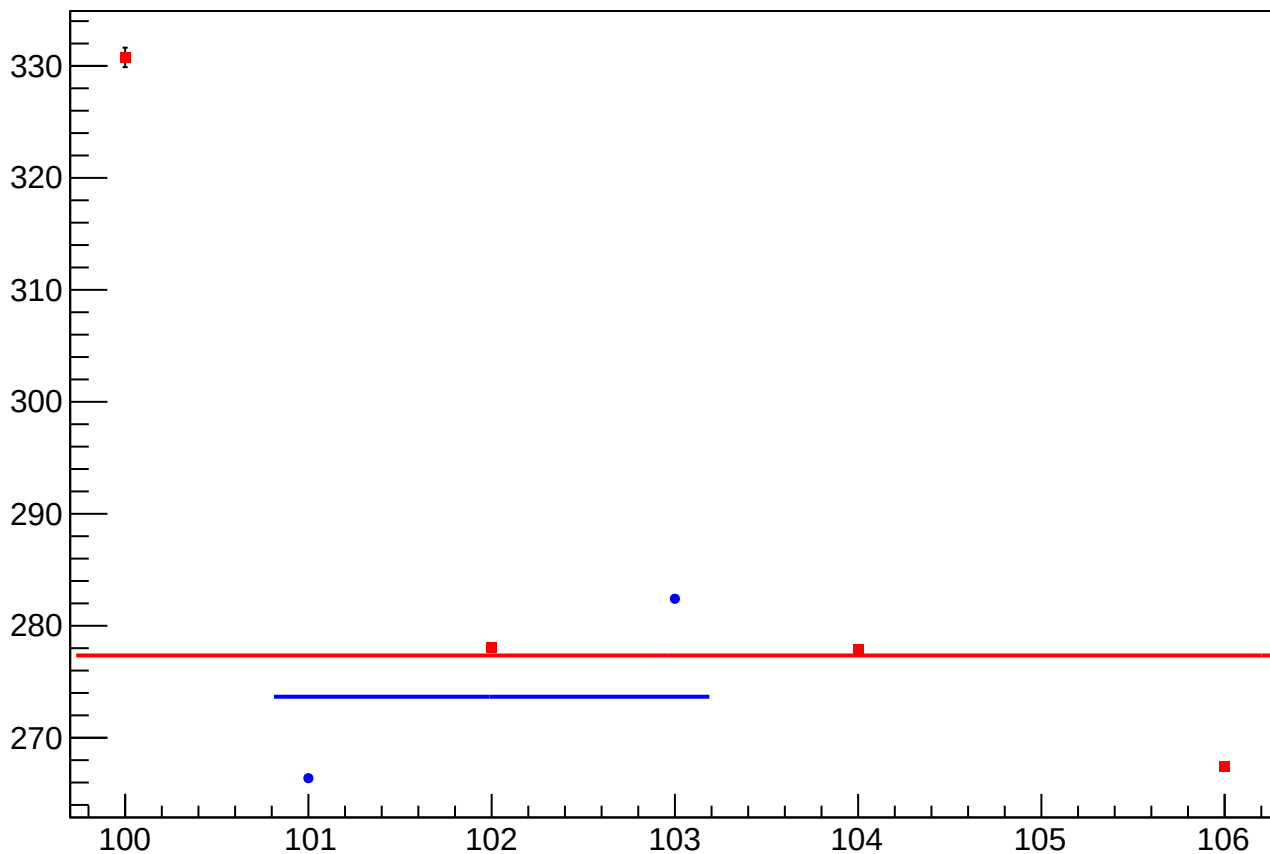
Right: 152.093 $\pm$ 164.513 χ^2 /NDF: 4.5/5

In: 254.440 $\pm$ 244.800 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.093 $\pm$ 164.513 χ^2 /NDF: 4.5/5

asym_sam8_rms vs Slug, Sign Corrected



Right In: 273.664 $\pm$ 0.173 χ^2 /NDF: 2123.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 277.348 $\pm$ 0.157 χ^2 /NDF: 4676.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

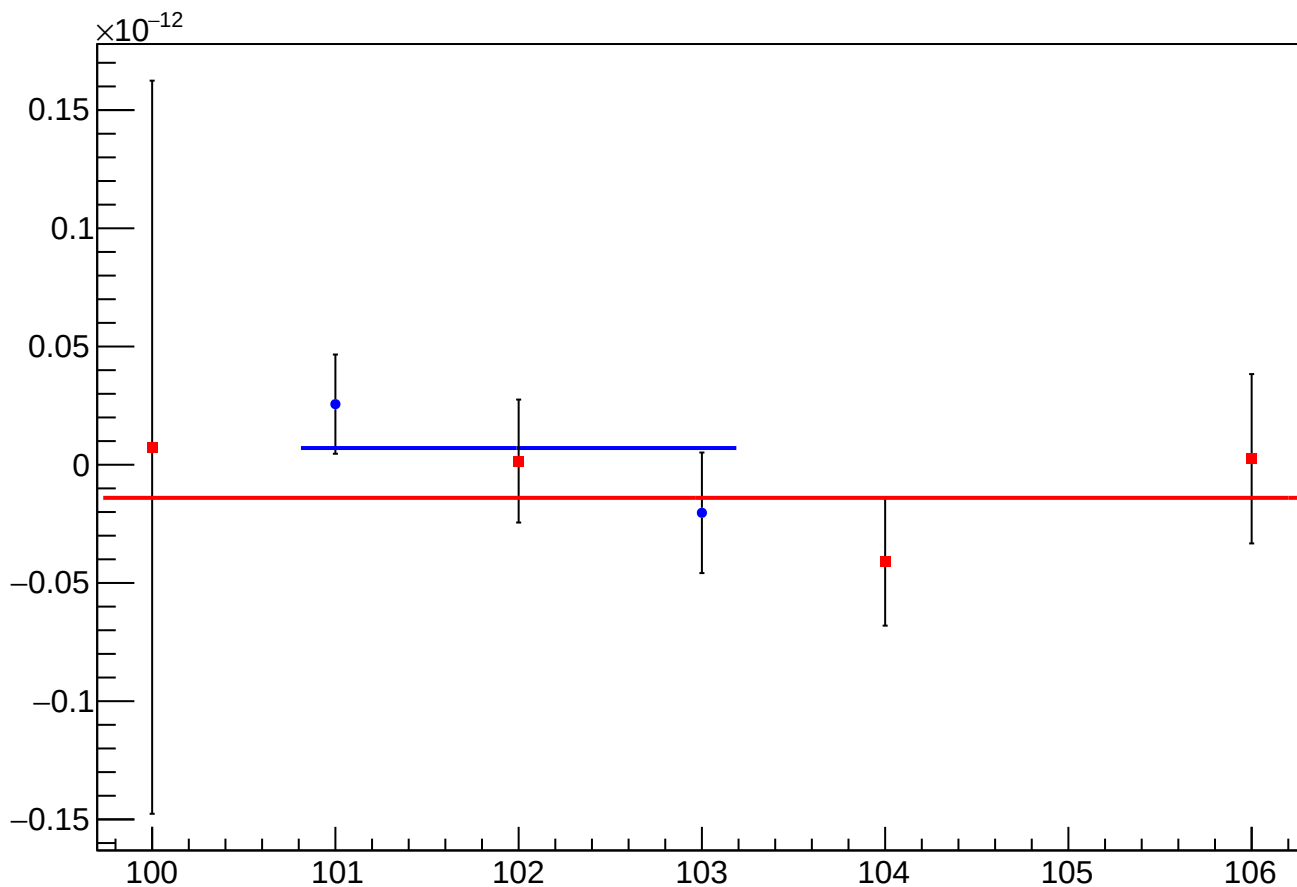
Right: 275.684 $\pm$ 0.116 χ^2 /NDF: 7048.2/5

In: 273.664 $\pm$ 0.173 χ^2 /NDF: 2123.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 275.684 $\pm$ 0.116 χ^2 /NDF: 7048.2/5

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

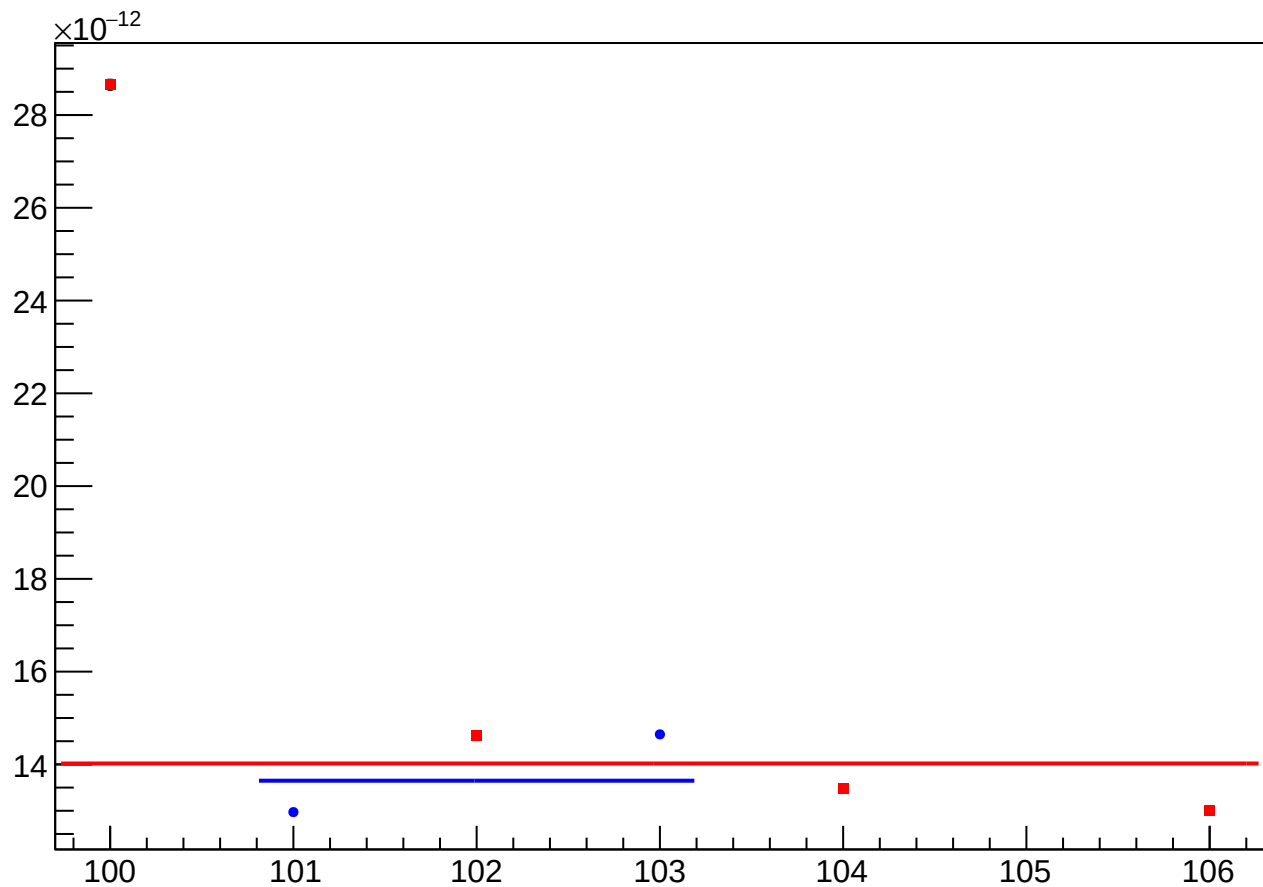
Right: -0.000+/-0.000 χ^2/NDF : 4.4/5

In: 0.000+/-0.000 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.4/5

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5155.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21304.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

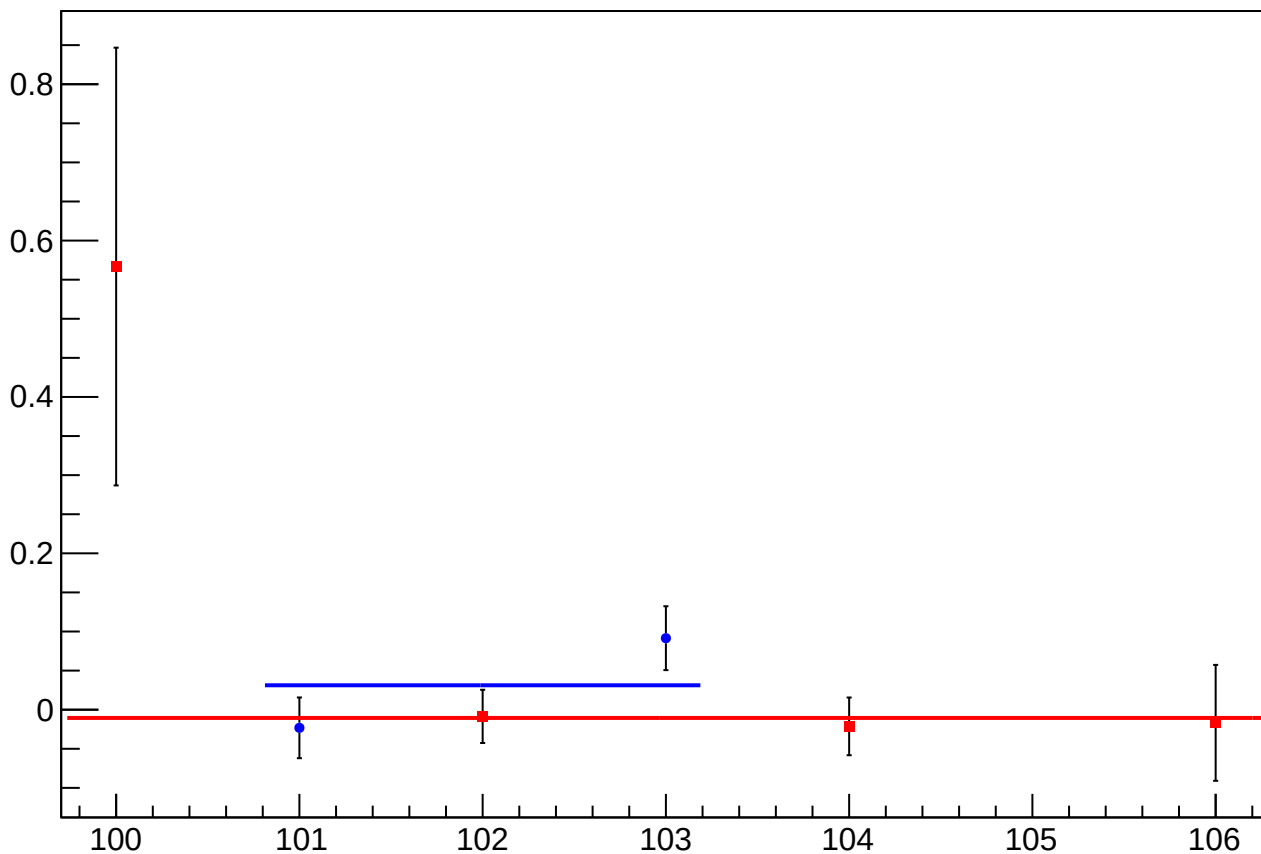
Right: 0.000+/-0.000 χ^2/NDF : 26974.7/5

In: 0.000+/-0.000 χ^2/NDF : 5155.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26974.7/5

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.024 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

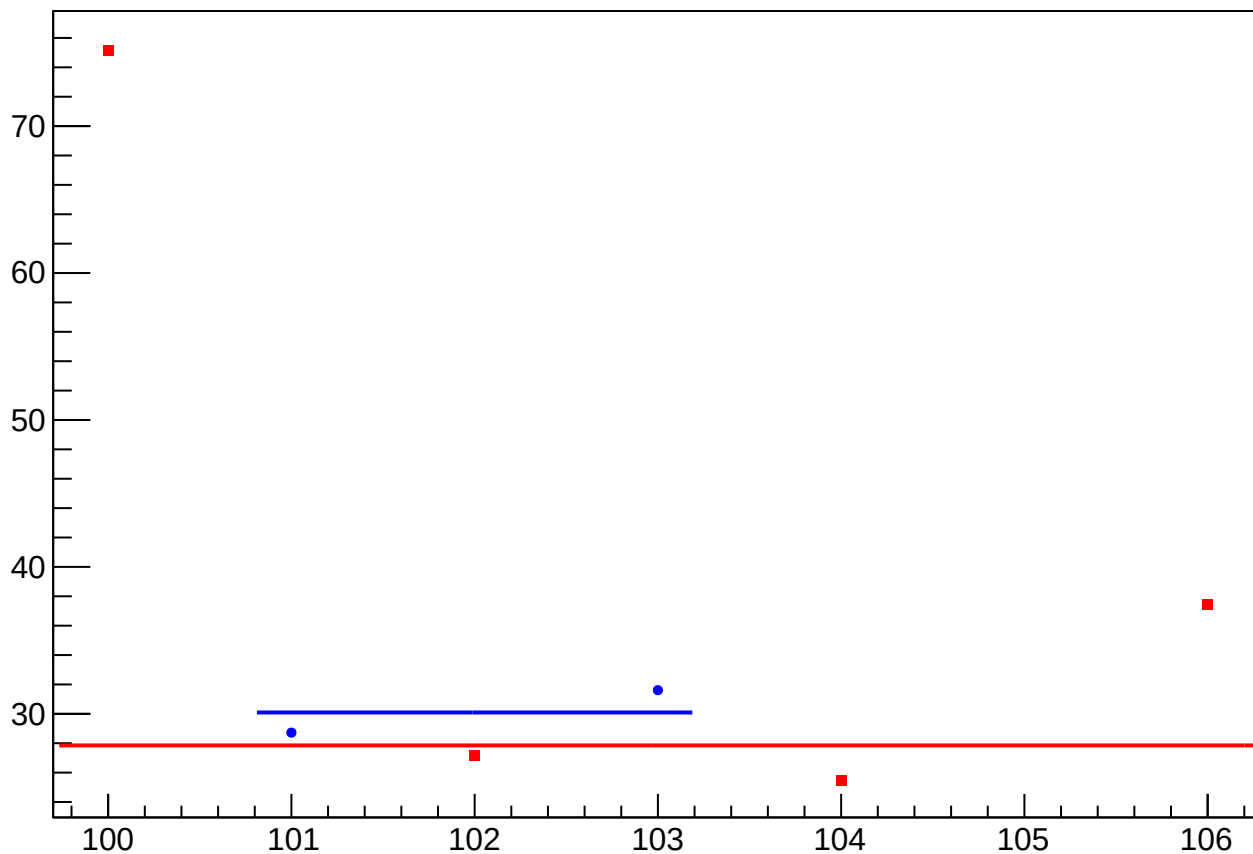
Right: 0.007+/-0.018 χ^2/NDF : 9.8/5

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 9.8/5

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.850 $\pm$ 0.017 χ^2 /NDF: 99678.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

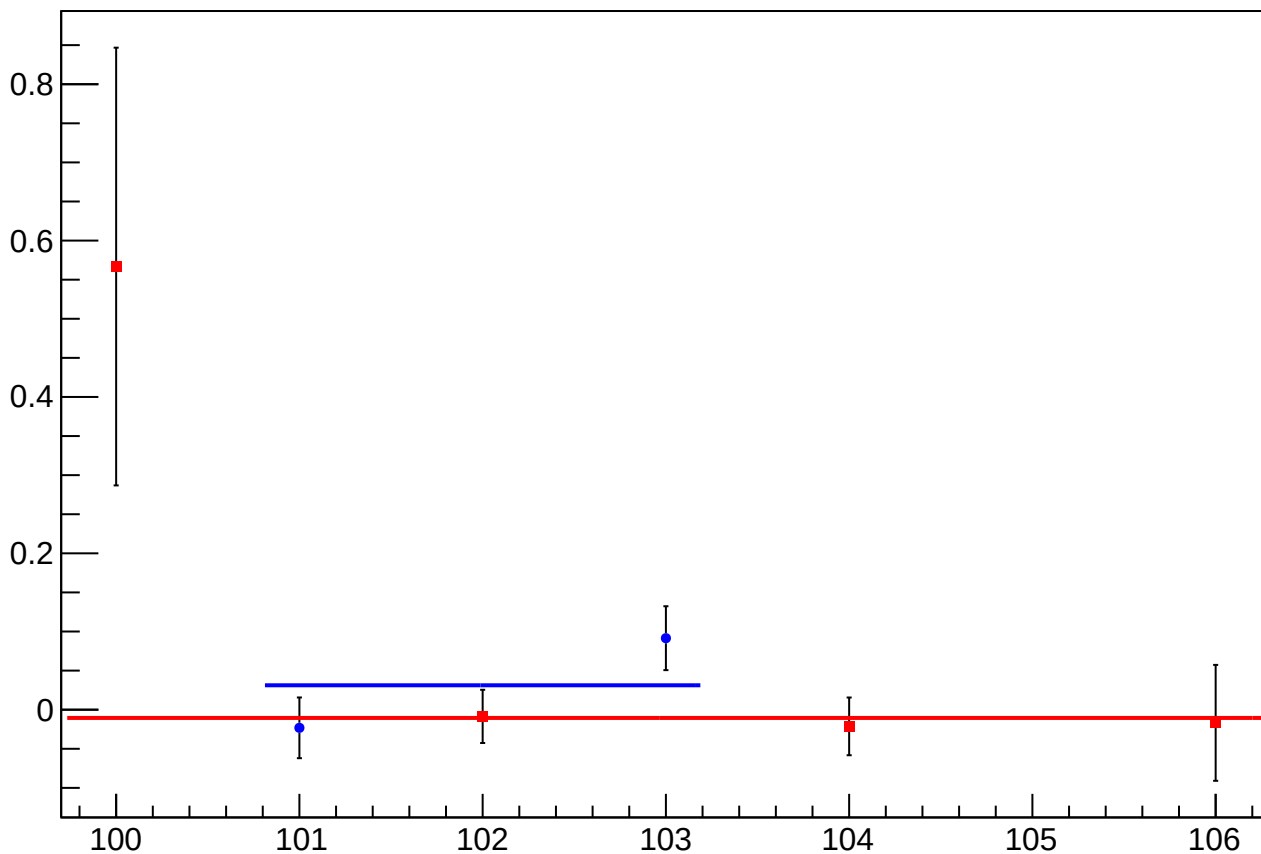
Right: 28.777 $\pm$ 0.013 χ^2 /NDF: 112388.1/5

In: 30.092 $\pm$ 0.020 χ^2 /NDF:5261.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.777 $\pm$ 0.013 χ^2 /NDF: 112388.1/5

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.024 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

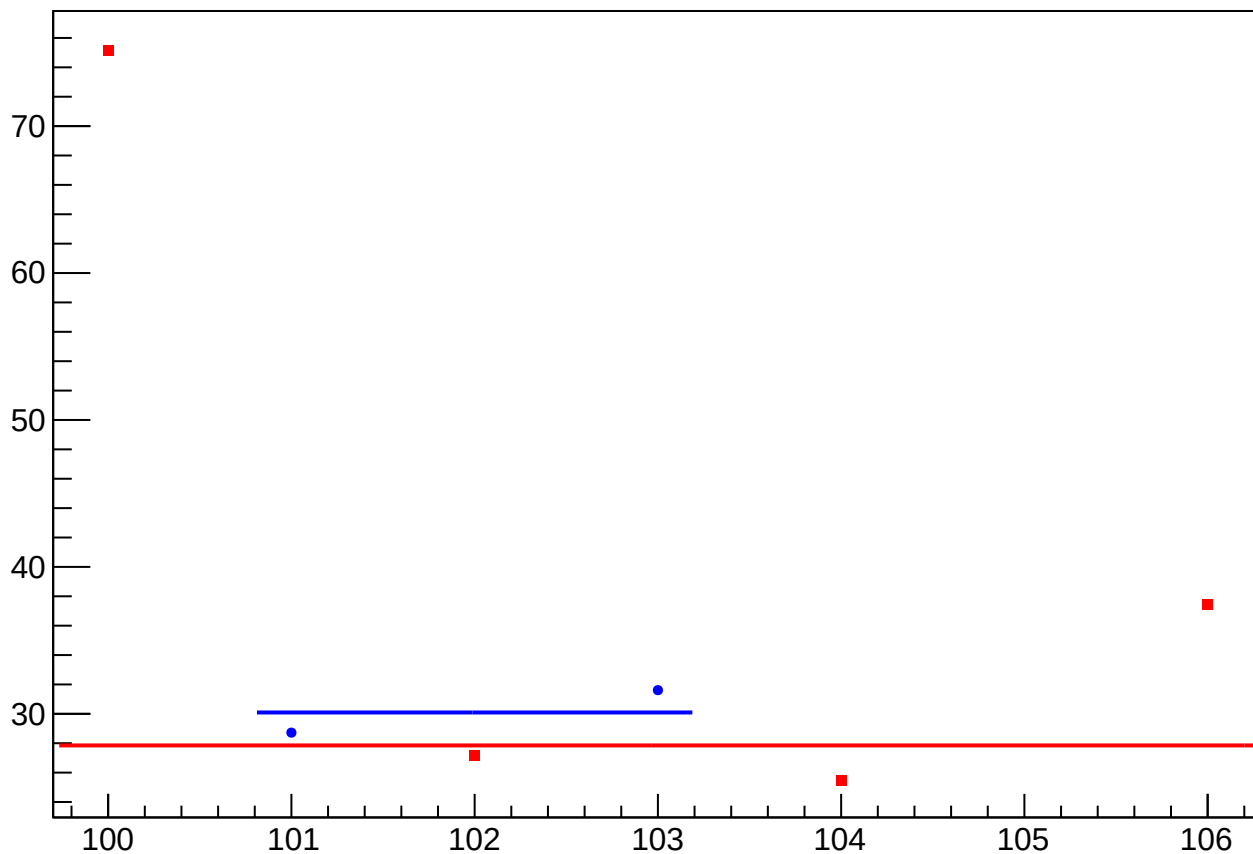
Right: 0.007+/-0.018 χ^2/NDF : 9.8/5

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 9.8/5

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.850 $\pm$ 0.017 χ^2 /NDF: 99678.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

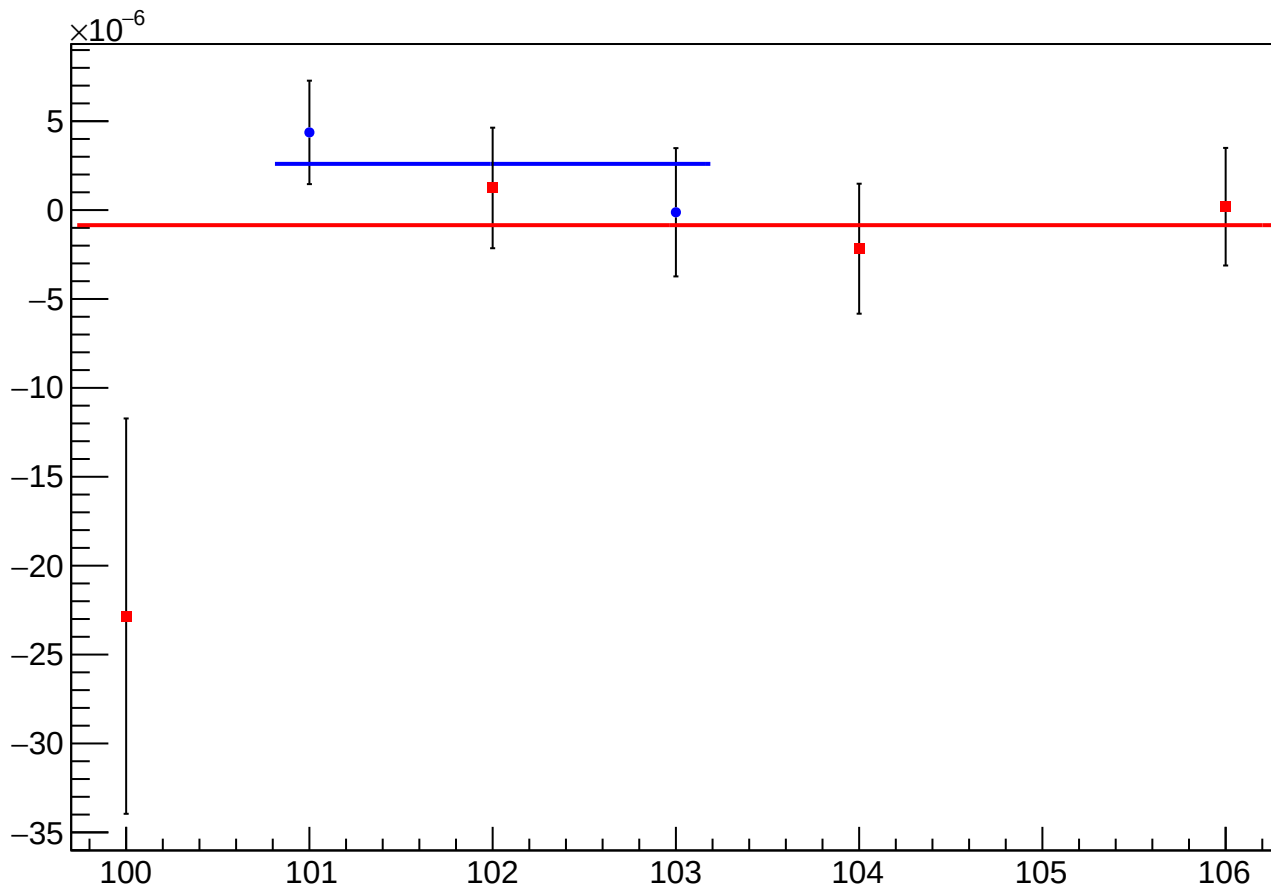
Right: 28.777 $\pm$ 0.013 χ^2 /NDF: 112388.1/5

In: 30.092 $\pm$ 0.020 χ^2 /NDF:5261.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.777 $\pm$ 0.013 χ^2 /NDF: 112388.1/5

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

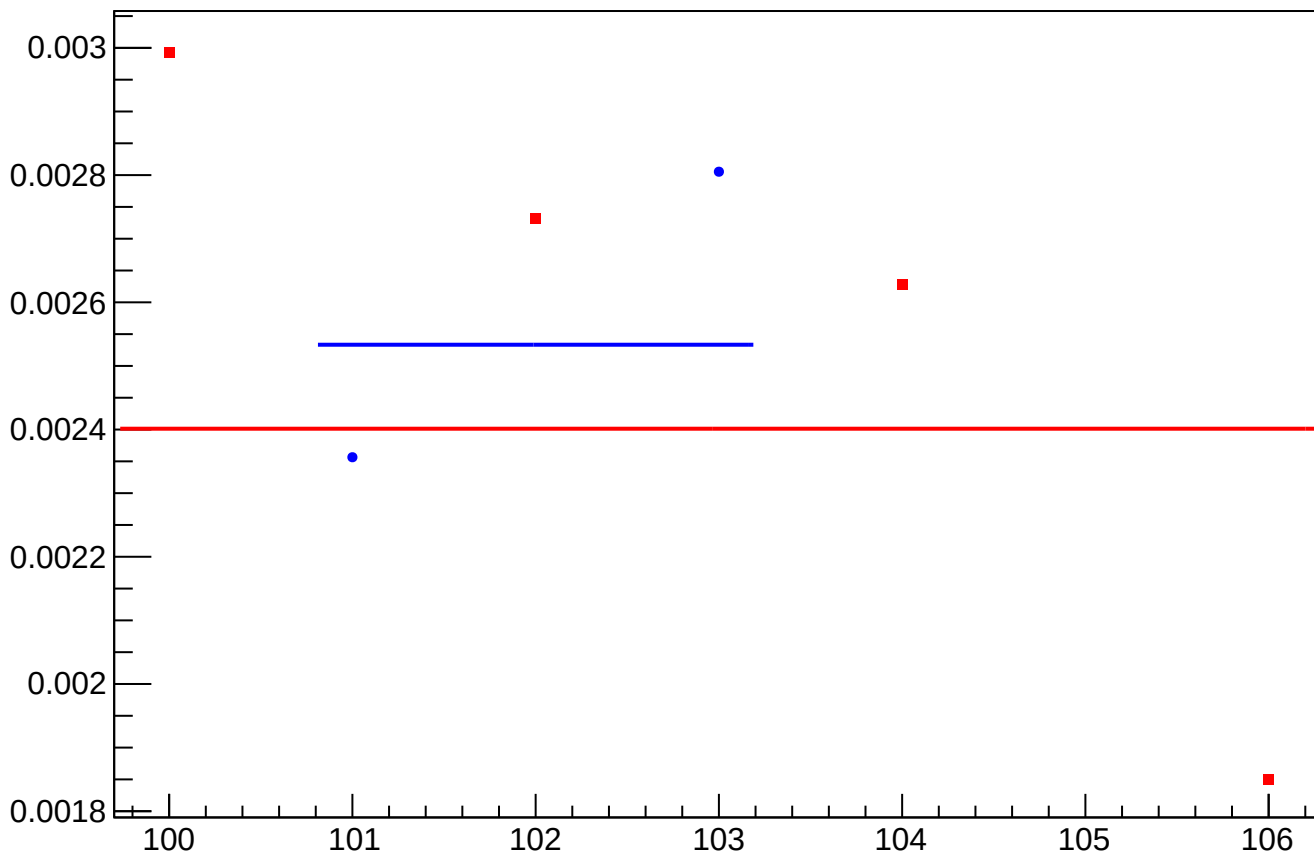
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/5

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 18759.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 87784.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

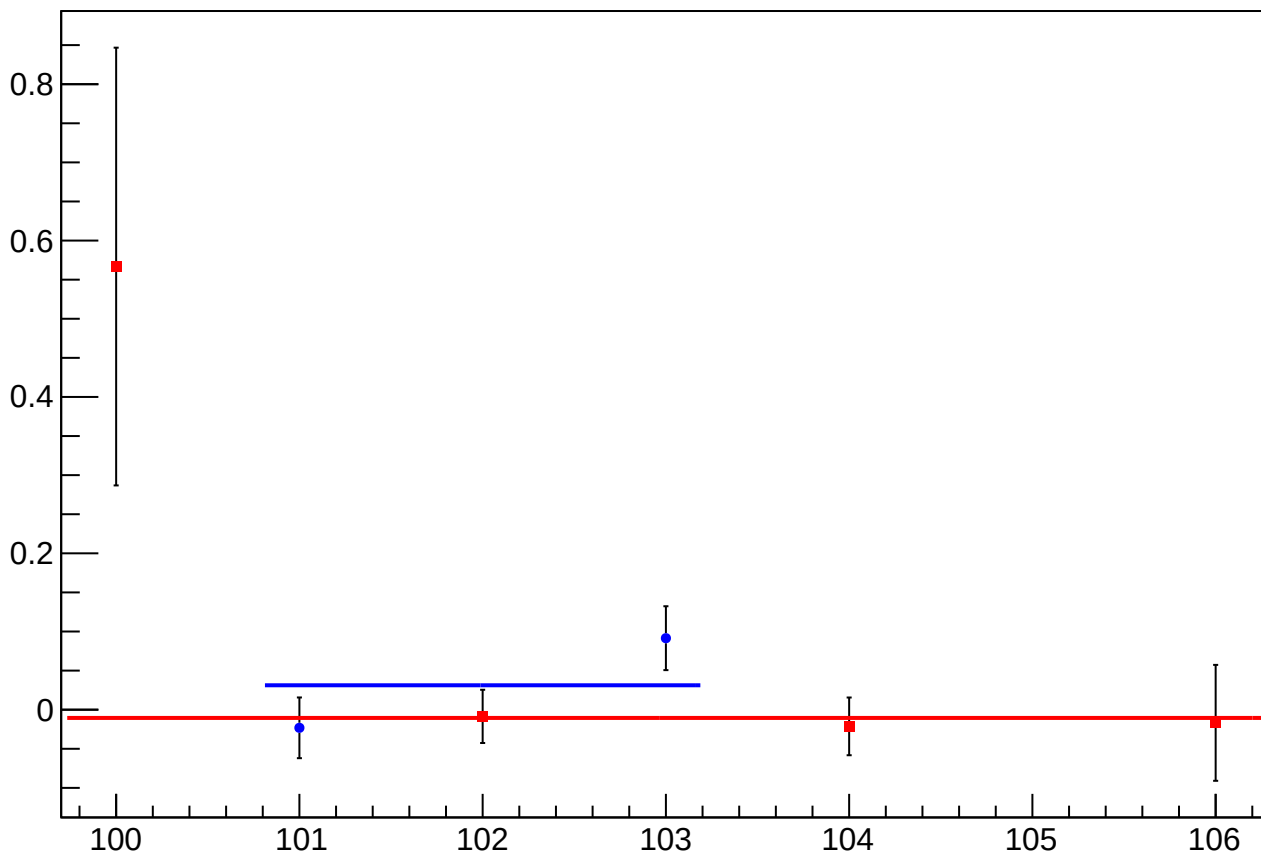
Right: 0.002+/-0.000 χ^2/NDF : 110437.2/5

In: 0.003+/-0.000 χ^2/NDF : 18759.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 110437.2/5

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.024 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

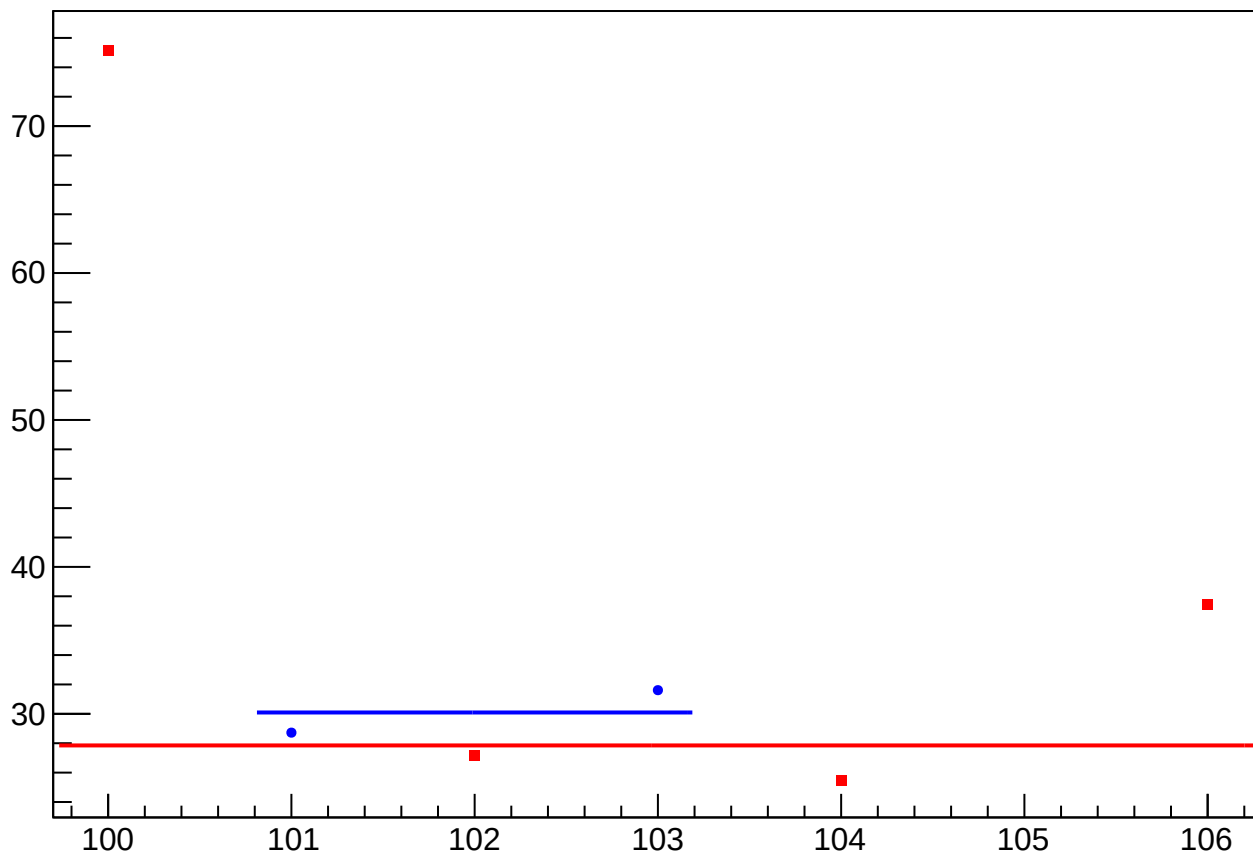
Right: 0.007+/-0.018 χ^2/NDF : 9.8/5

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 9.8/5

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092 $\pm$ 0.020 χ^2 /NDF: 5261.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.850 $\pm$ 0.017 χ^2 /NDF: 99676.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

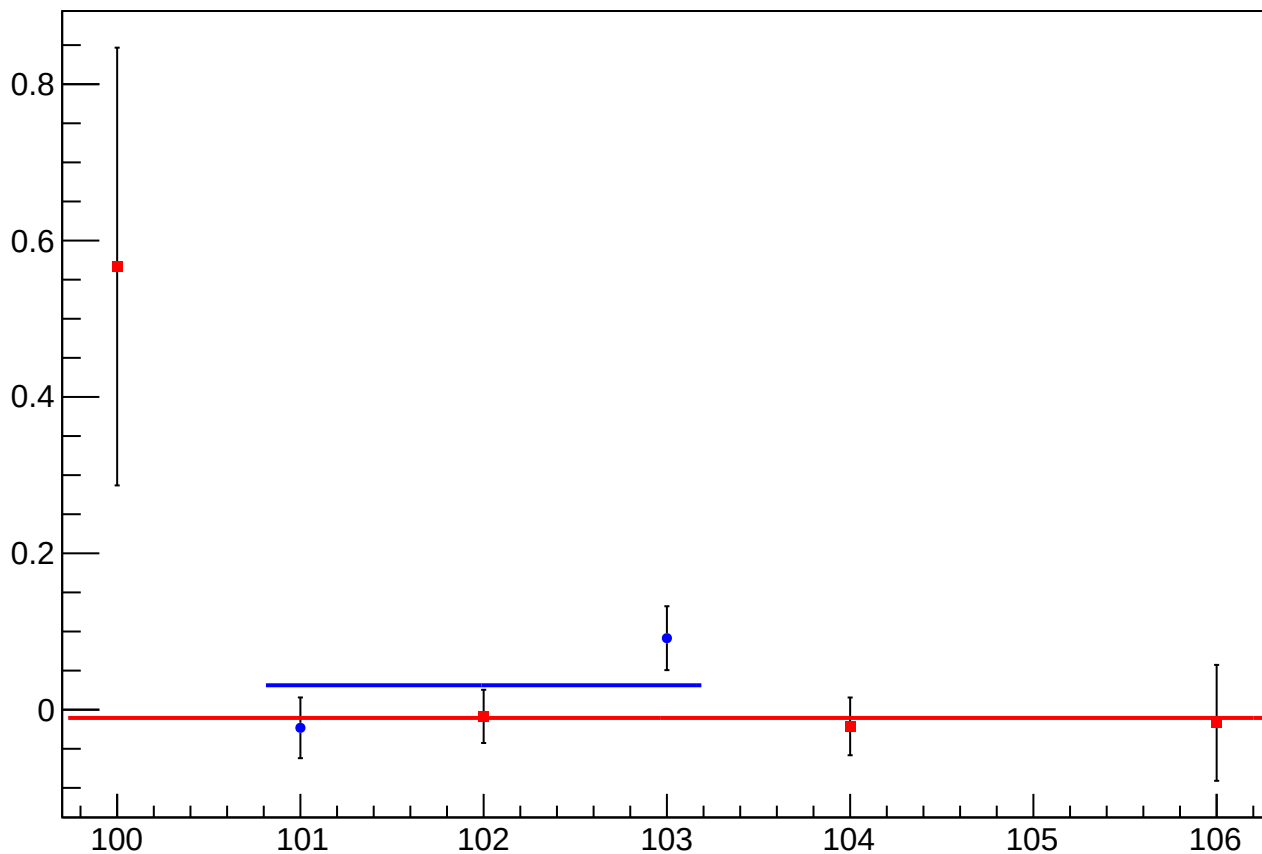
Right: 28.777 $\pm$ 0.013 χ^2 /NDF: 112384.4/5

In: 30.092 $\pm$ 0.020 χ^2 /NDF:5261.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.777 $\pm$ 0.013 χ^2 /NDF: 112384.4/5

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.024 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

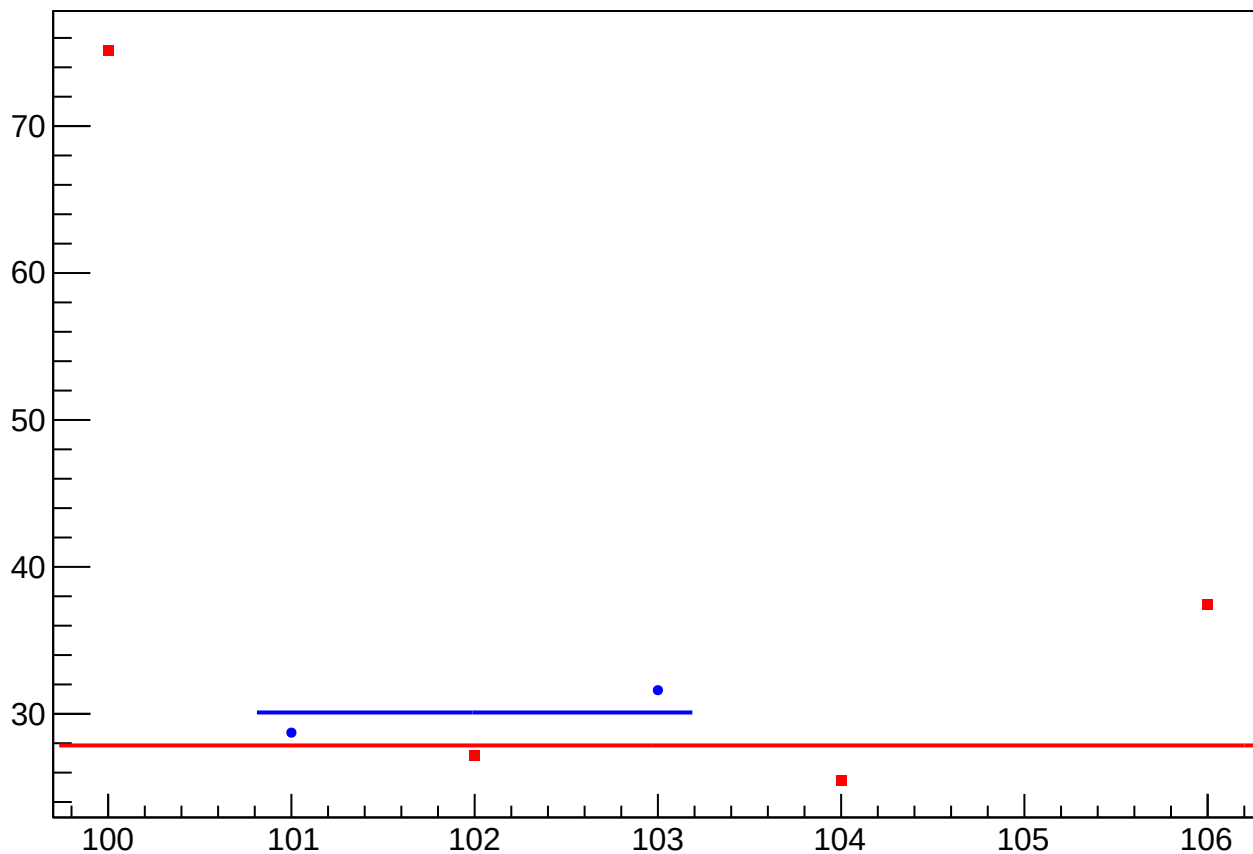
Right: 0.007+/-0.018 χ^2/NDF : 9.8/5

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.018 χ^2/NDF : 9.8/5

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092+/-0.020 χ^2/NDF : 5261.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.850+/-0.017 χ^2/NDF : 99676.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

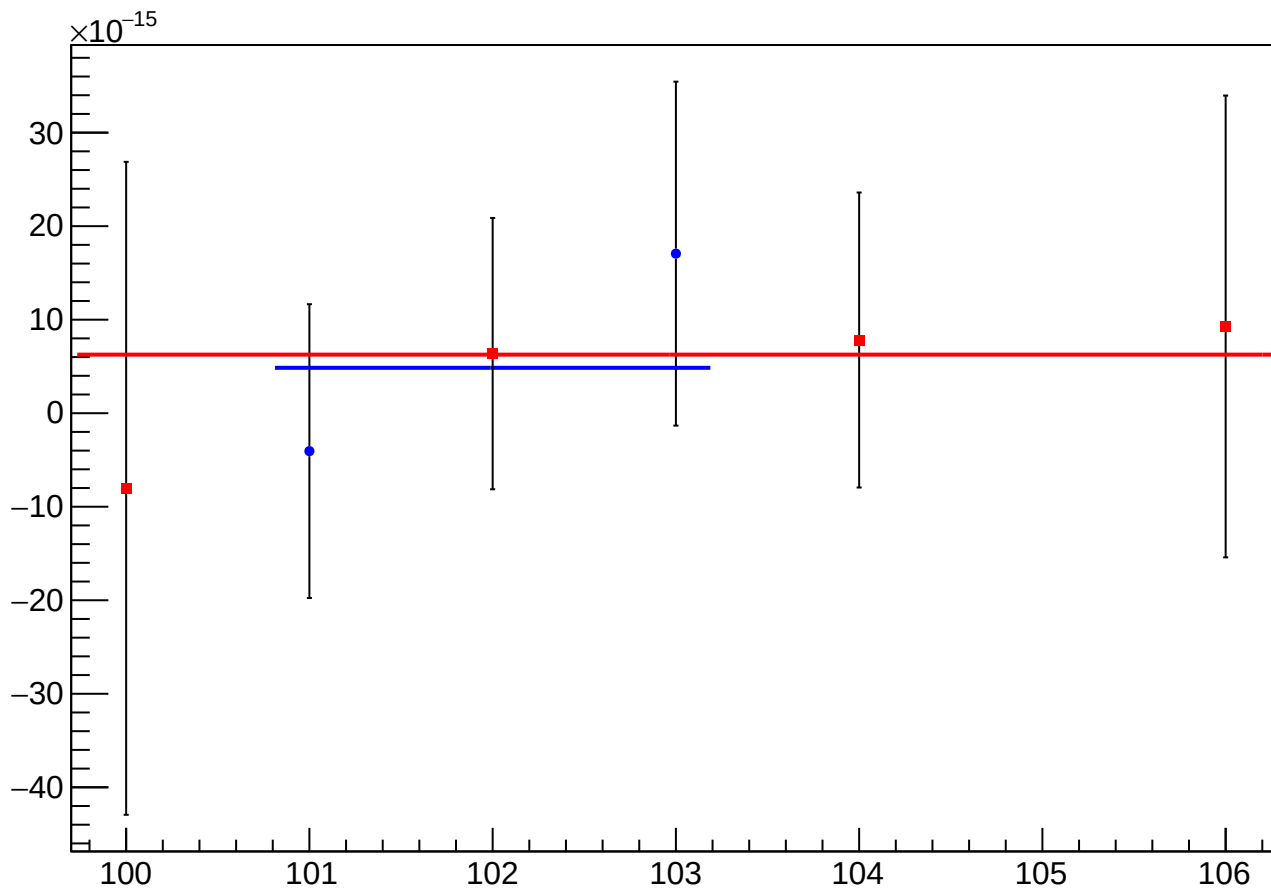
Right: 28.777+/-0.013 χ^2/NDF : 112384.4/5

In: 30.092+/-0.020 χ^2/NDF : 5261.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.777+/-0.013 χ^2/NDF : 112384.4/5

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

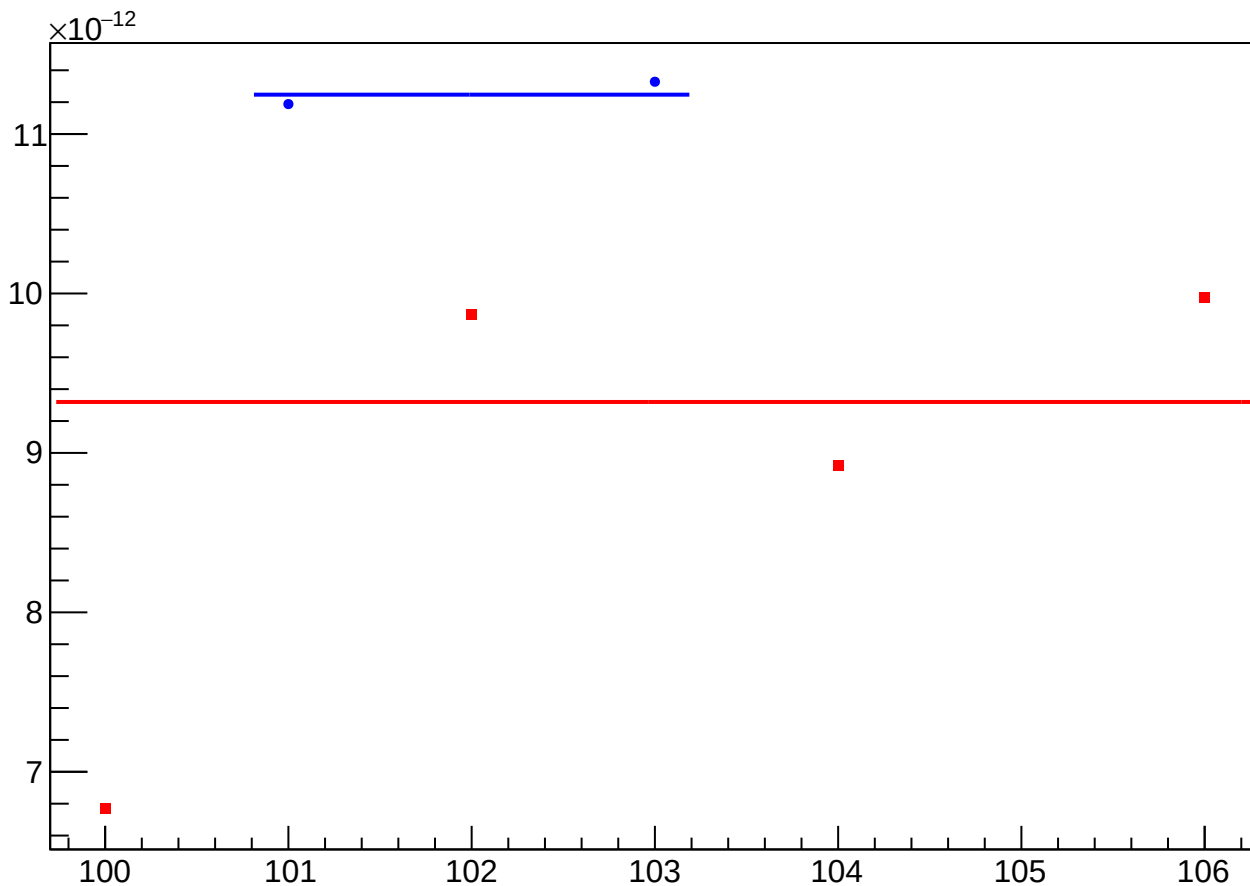
Right: 0.000+/-0.000 χ^2/NDF : 1.0/5

In: 0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.0/5

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 67.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16248.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

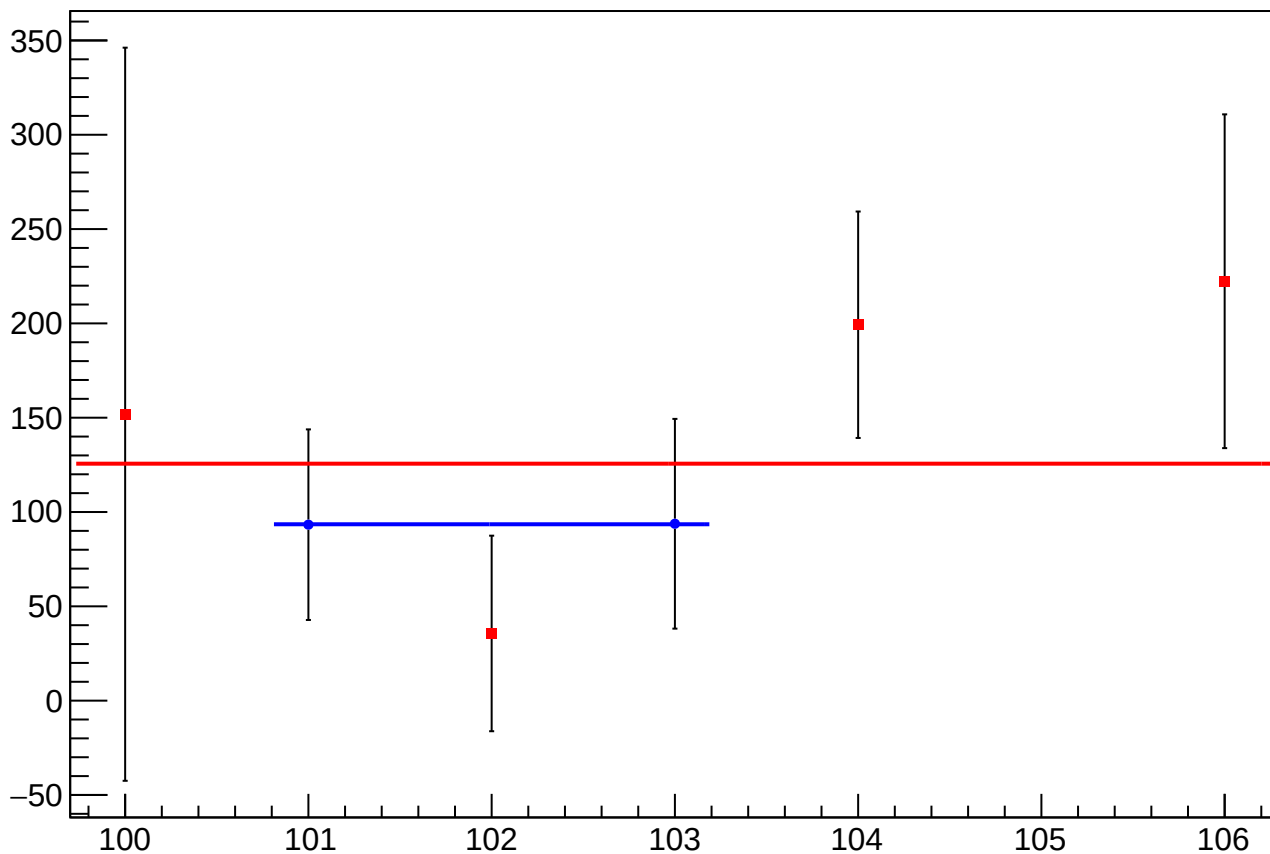
Right: 0.000+/-0.000 χ^2 /NDF: 48392.3/5

In: 0.000+/-0.000 χ^2 /NDF:67.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 48392.3/5

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.506 $\pm$ 37.388 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.624 $\pm$ 35.268 χ^2 /NDF: 5.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

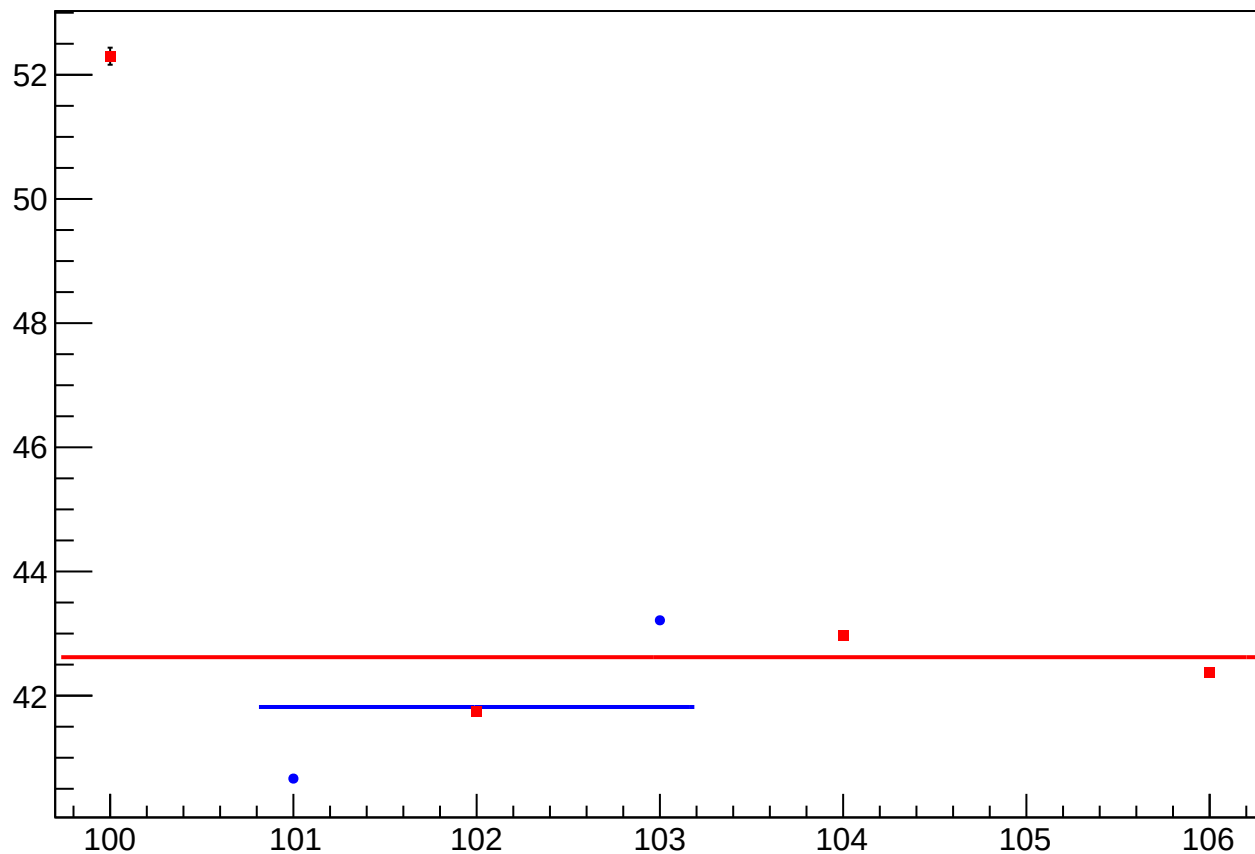
Right: 110.501 $\pm$ 25.655 χ^2 /NDF: 6.1/5

In: 93.506 $\pm$ 37.388 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.501 $\pm$ 25.655 χ^2 /NDF: 6.1/5

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817+/-0.026 χ^2/NDF : 2303.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.620+/-0.025 χ^2/NDF : 5606.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

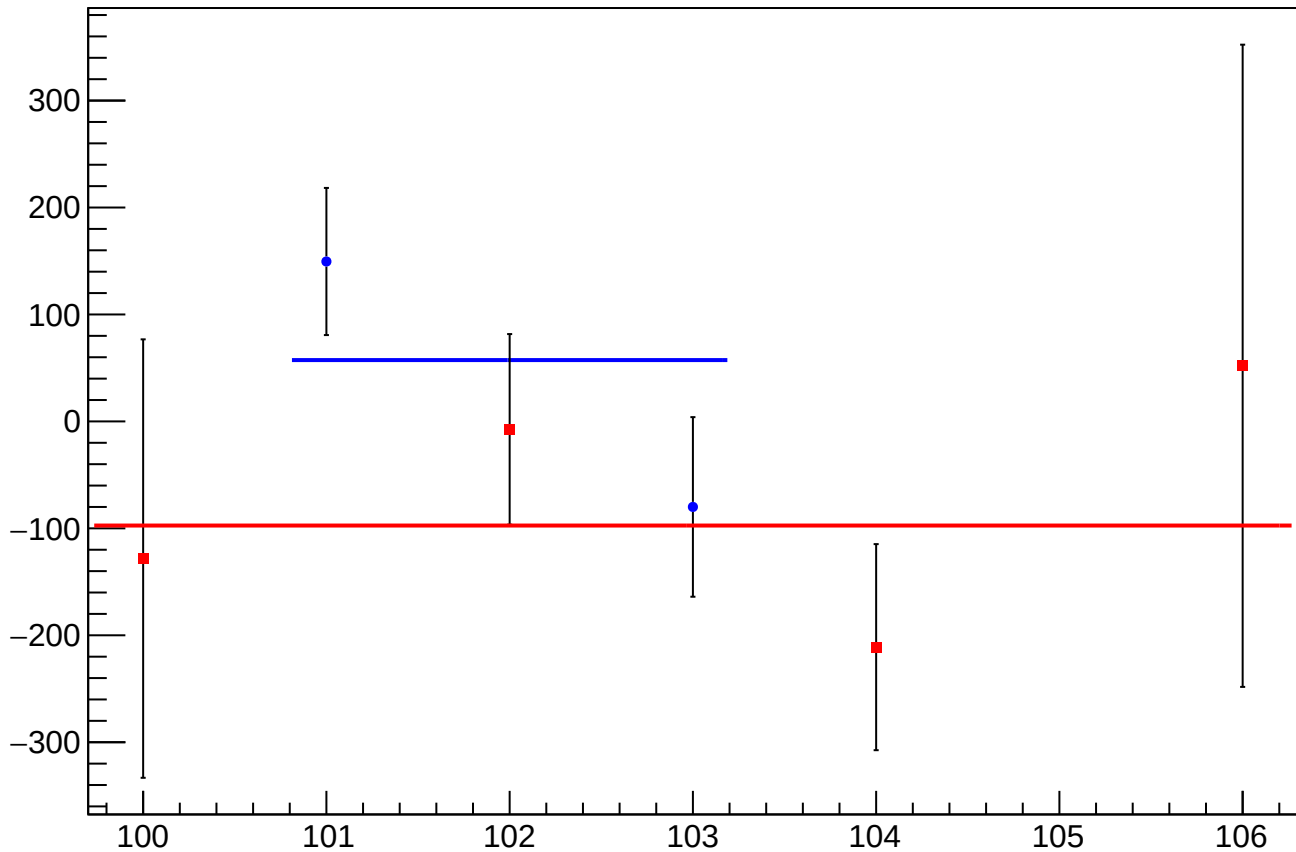
Right: 42.242+/-0.018 χ^2/NDF : 8397.3/5

In: 41.817+/-0.026 χ^2/NDF : 2303.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.242+/-0.018 χ^2/NDF : 8397.3/5

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 57.344+/-53.216 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.370+/-61.021 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

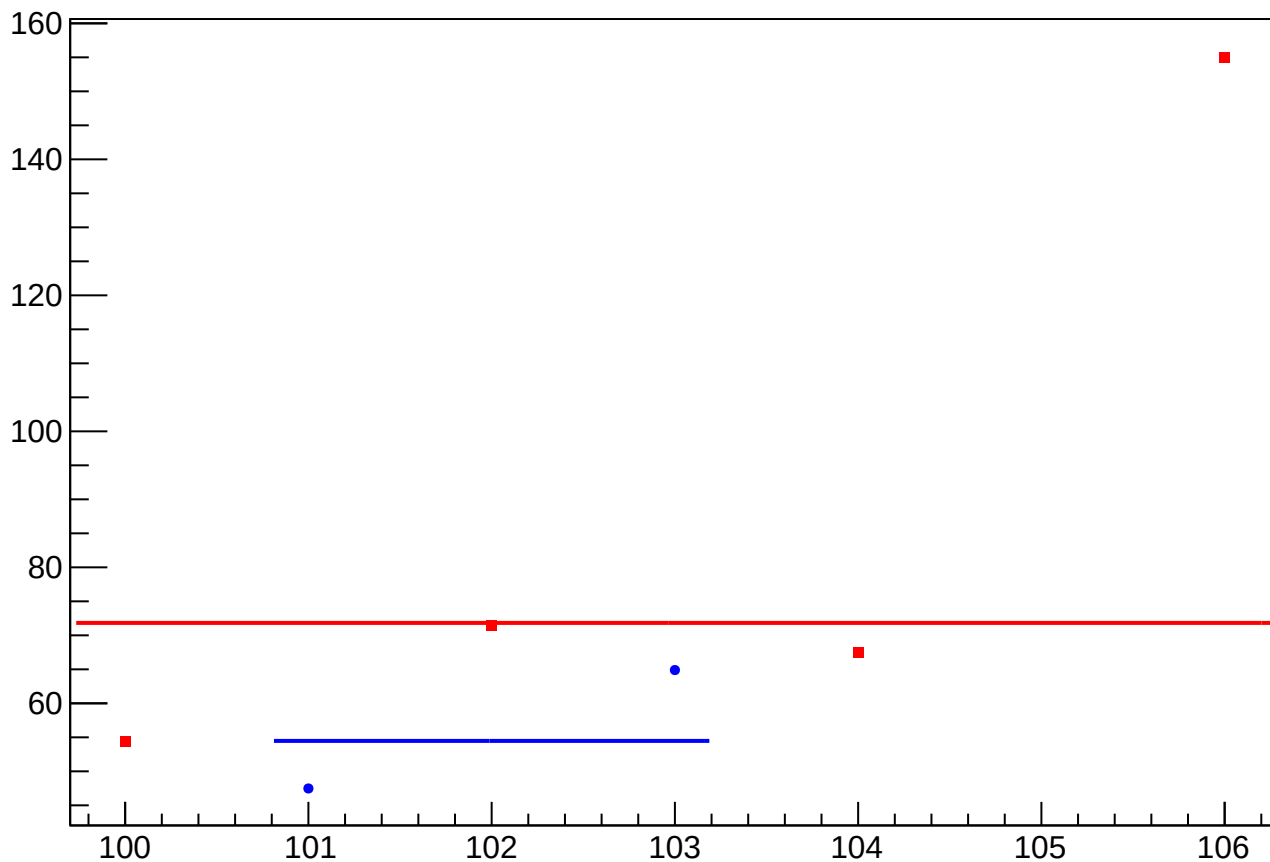
Right: -9.492+/-40.107 χ^2/NDF : 10.8/5

In: 57.344+/-53.216 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.492+/-40.107 χ^2/NDF : 10.8/5

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 54.475+/-0.038 χ^2/NDF : 51476.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.828+/-0.043 χ^2/NDF : 172104.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

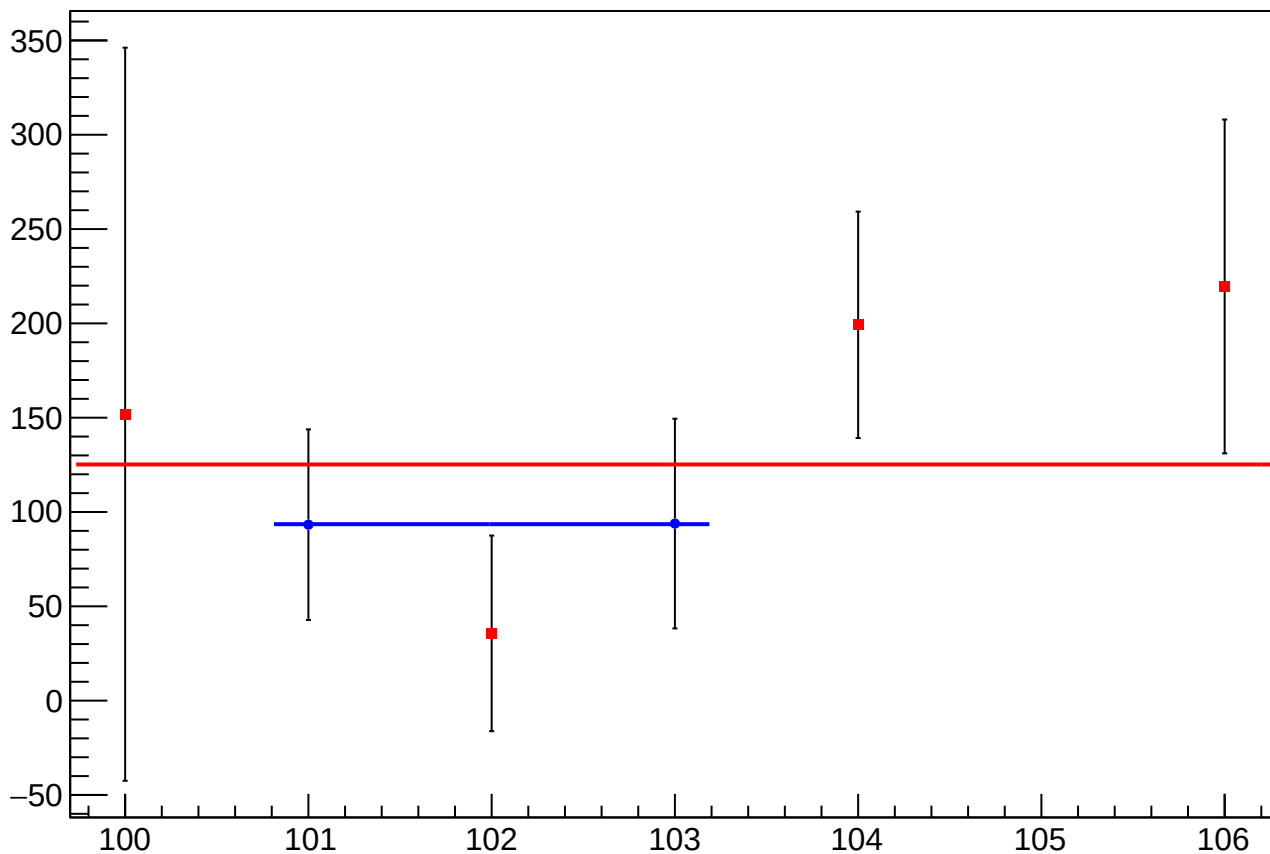
Right: 61.971+/-0.028 χ^2/NDF : 315444.9/5

In: 54.475+/-0.038 χ^2/NDF : 51476.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.971+/-0.028 χ^2/NDF : 315444.9/5

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546 $\pm$ 37.388 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.209 $\pm$ 35.276 χ^2 /NDF: 5.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

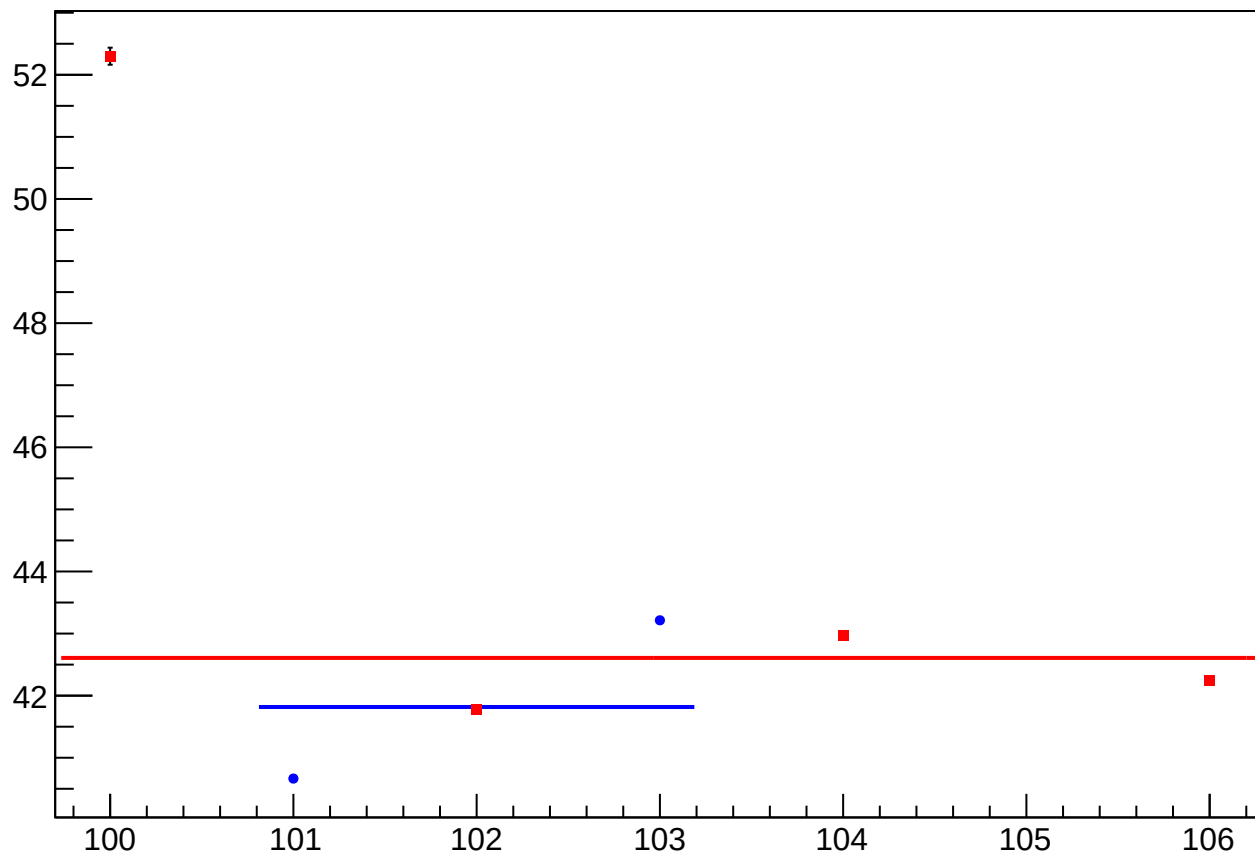
Right: 110.297 $\pm$ 25.658 χ^2 /NDF: 6.0/5

In: 93.546 $\pm$ 37.388 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.297 $\pm$ 25.658 χ^2 /NDF: 6.0/5

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817 $\pm$ 0.026 χ^2 /NDF: 2303.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 42.608 $\pm$ 0.025 χ^2 /NDF: 5604.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

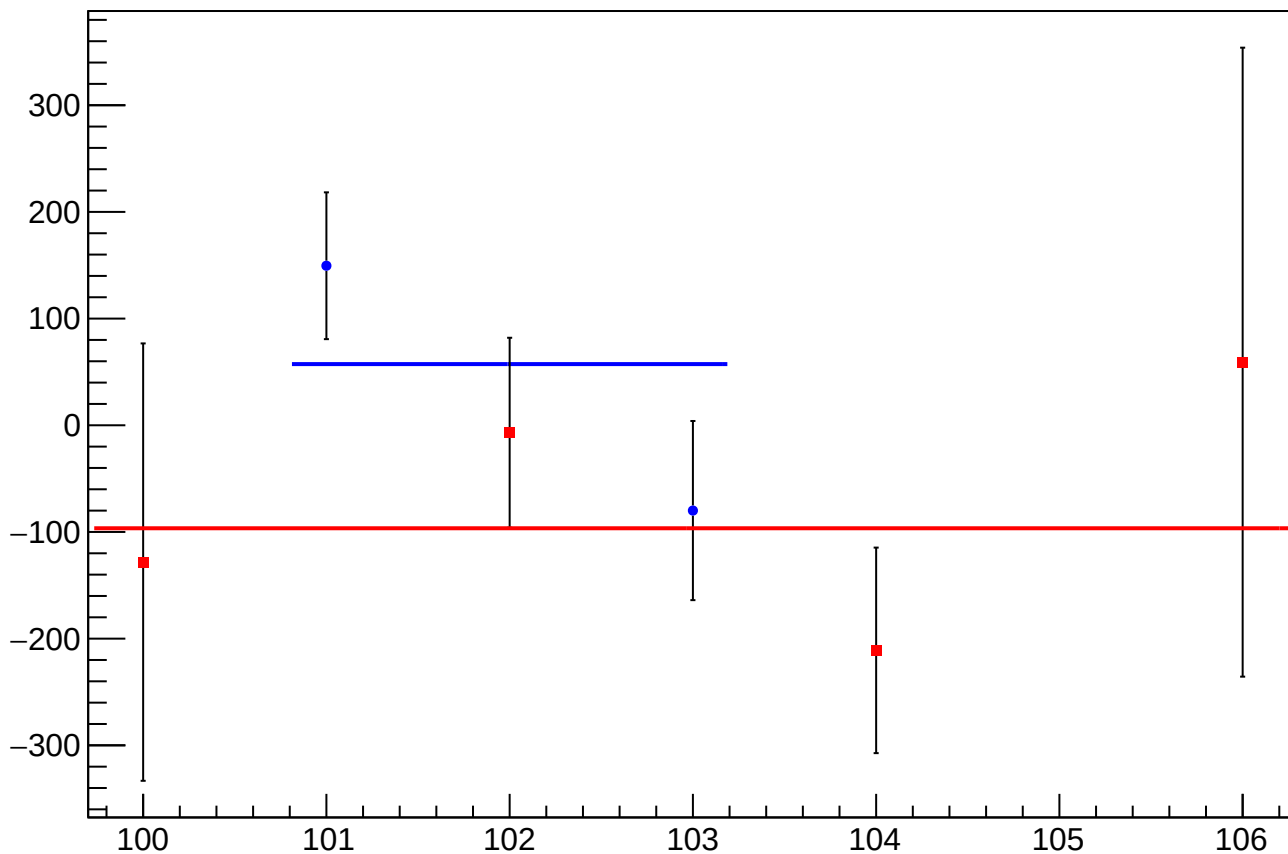
Right: 42.236 $\pm$ 0.018 χ^2 /NDF: 8380.9/5

In: 41.817 $\pm$ 0.026 χ^2 /NDF:2303.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 42.236 $\pm$ 0.018 χ^2 /NDF: 8380.9/5

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.541+/-60.944 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

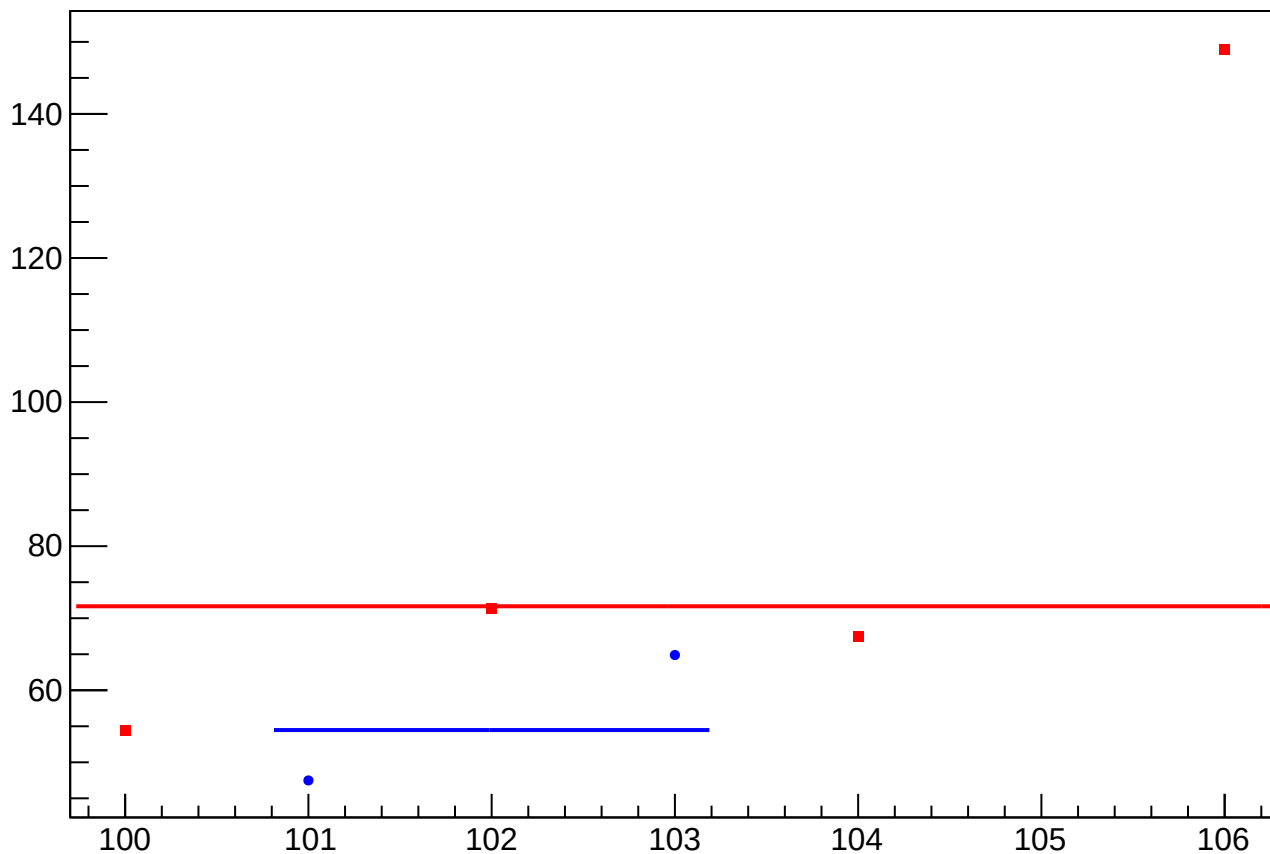
Right: -9.225+/-40.084 χ^2/NDF : 10.8/5

In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.225+/-40.084 χ^2/NDF : 10.8/5

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.656+/-0.043 χ^2/NDF : 155589.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

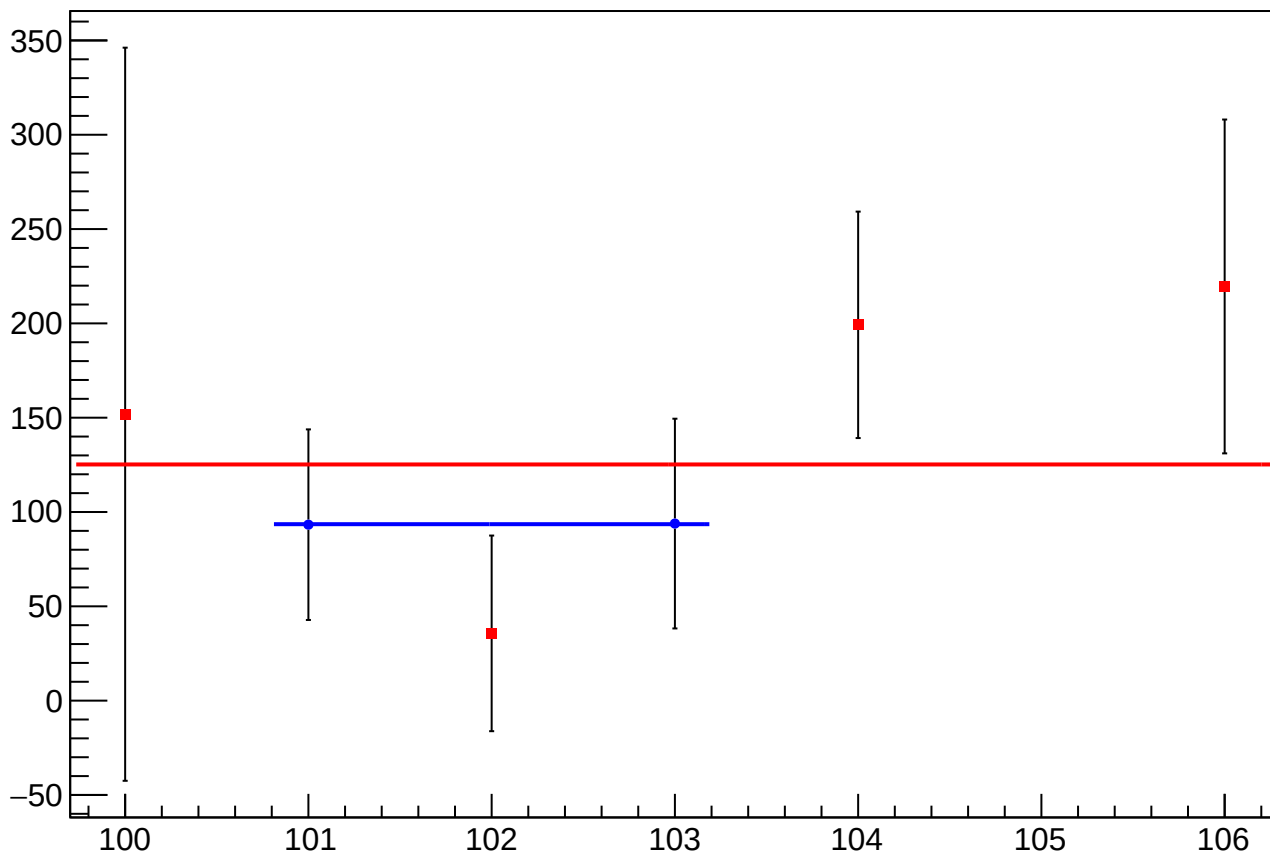
Right: 61.907+/-0.028 χ^2/NDF : 297243.3/5

In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.907+/-0.028 χ^2/NDF : 297243.3/5

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546 $\pm$ 37.388 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.209 $\pm$ 35.276 χ^2 /NDF: 5.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

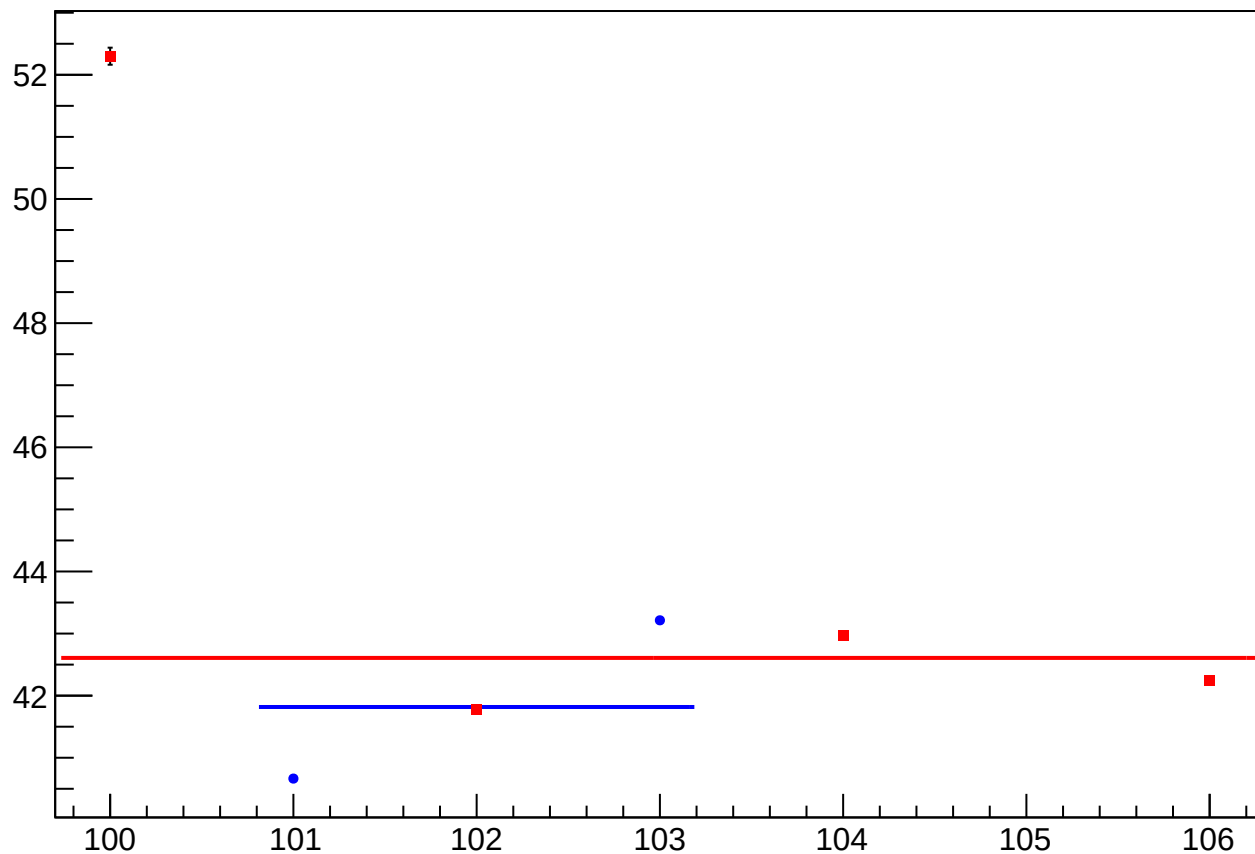
Right: 110.297 $\pm$ 25.658 χ^2 /NDF: 6.0/5

In: 93.546 $\pm$ 37.388 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.297 $\pm$ 25.658 χ^2 /NDF: 6.0/5

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817 $\pm$ 0.026 χ^2 /NDF: 2303.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.608 $\pm$ 0.025 χ^2 /NDF: 5604.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

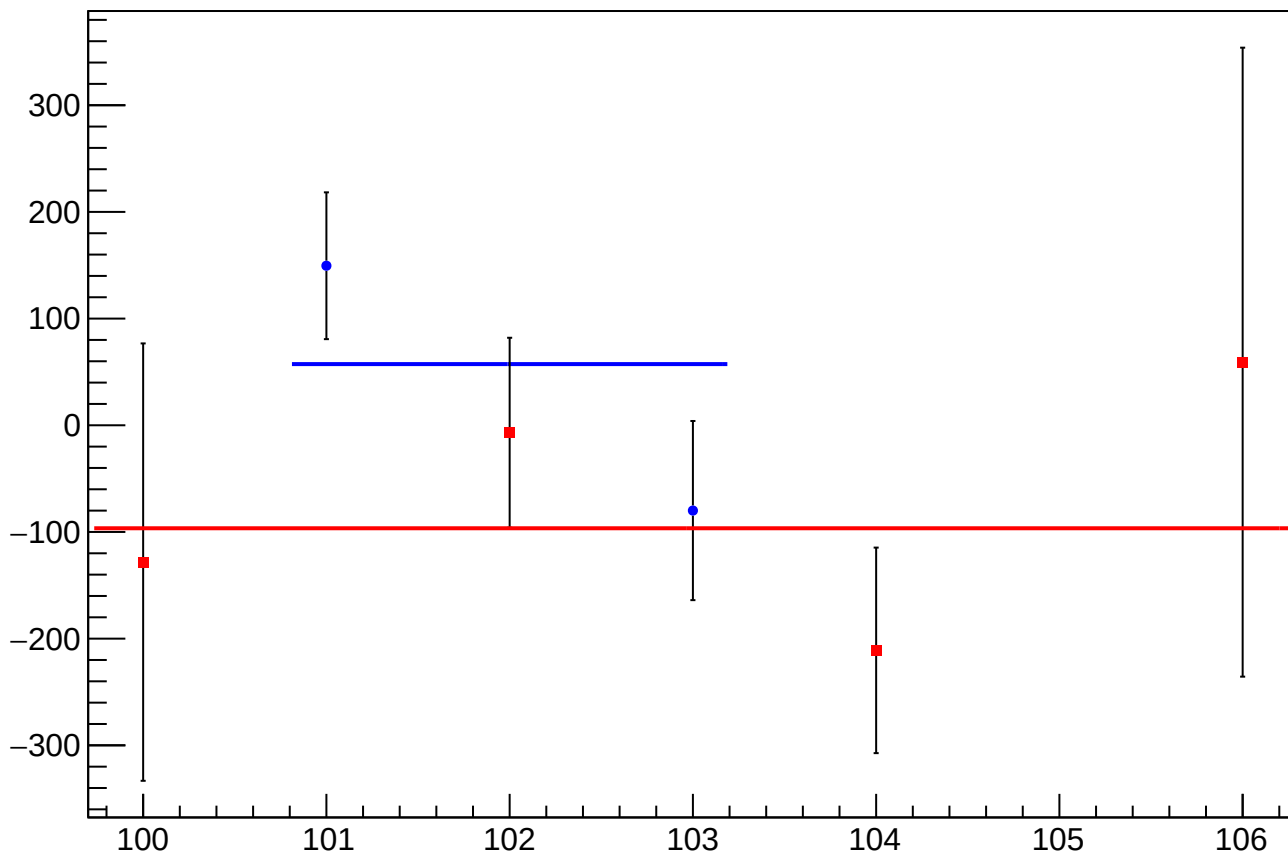
Right: 42.236 $\pm$ 0.018 χ^2 /NDF: 8380.9/5

In: 41.817 $\pm$ 0.026 χ^2 /NDF: 2303.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.236 $\pm$ 0.018 χ^2 /NDF: 8380.9/5

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.541+/-60.944 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

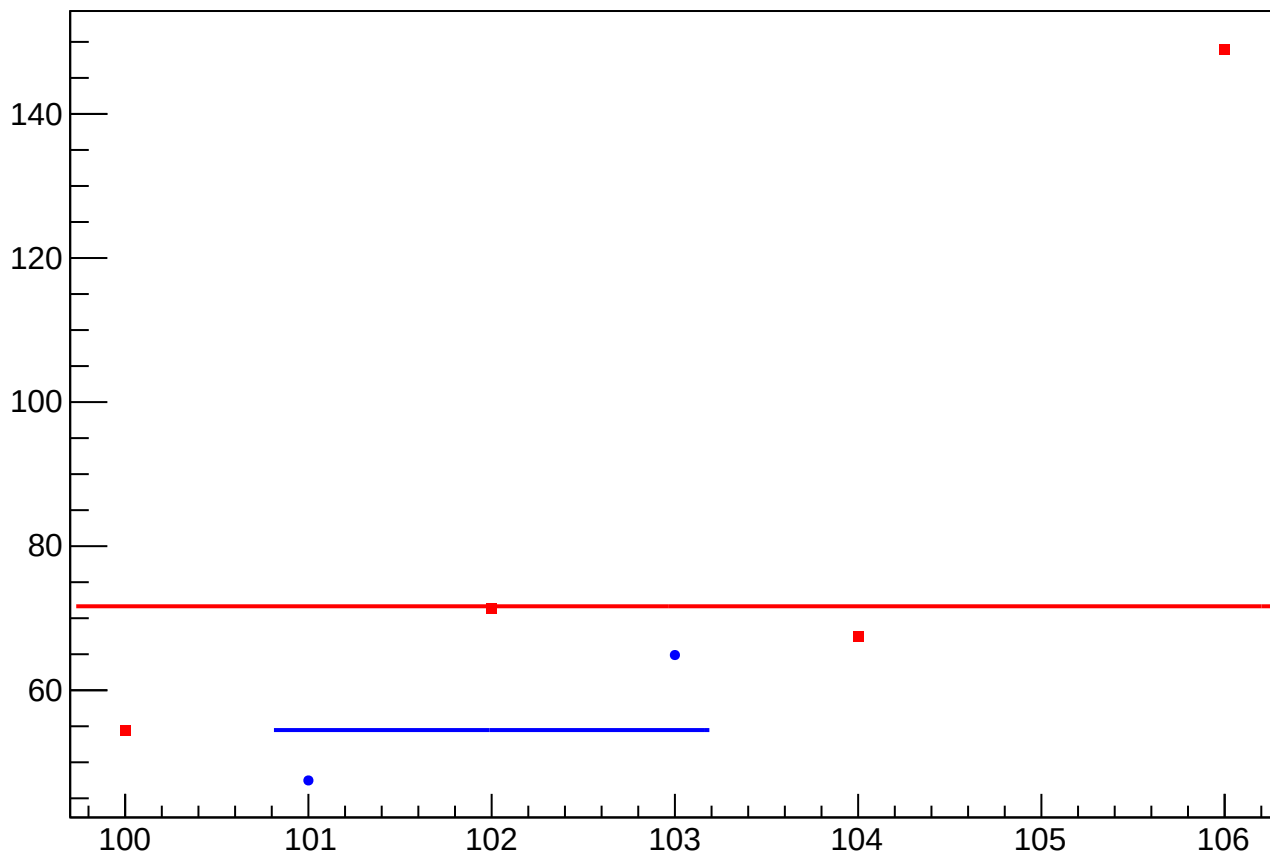
Right: -9.225+/-40.084 χ^2/NDF : 10.8/5

In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.225+/-40.084 χ^2/NDF : 10.8/5

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.656+/-0.043 χ^2/NDF : 155589.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

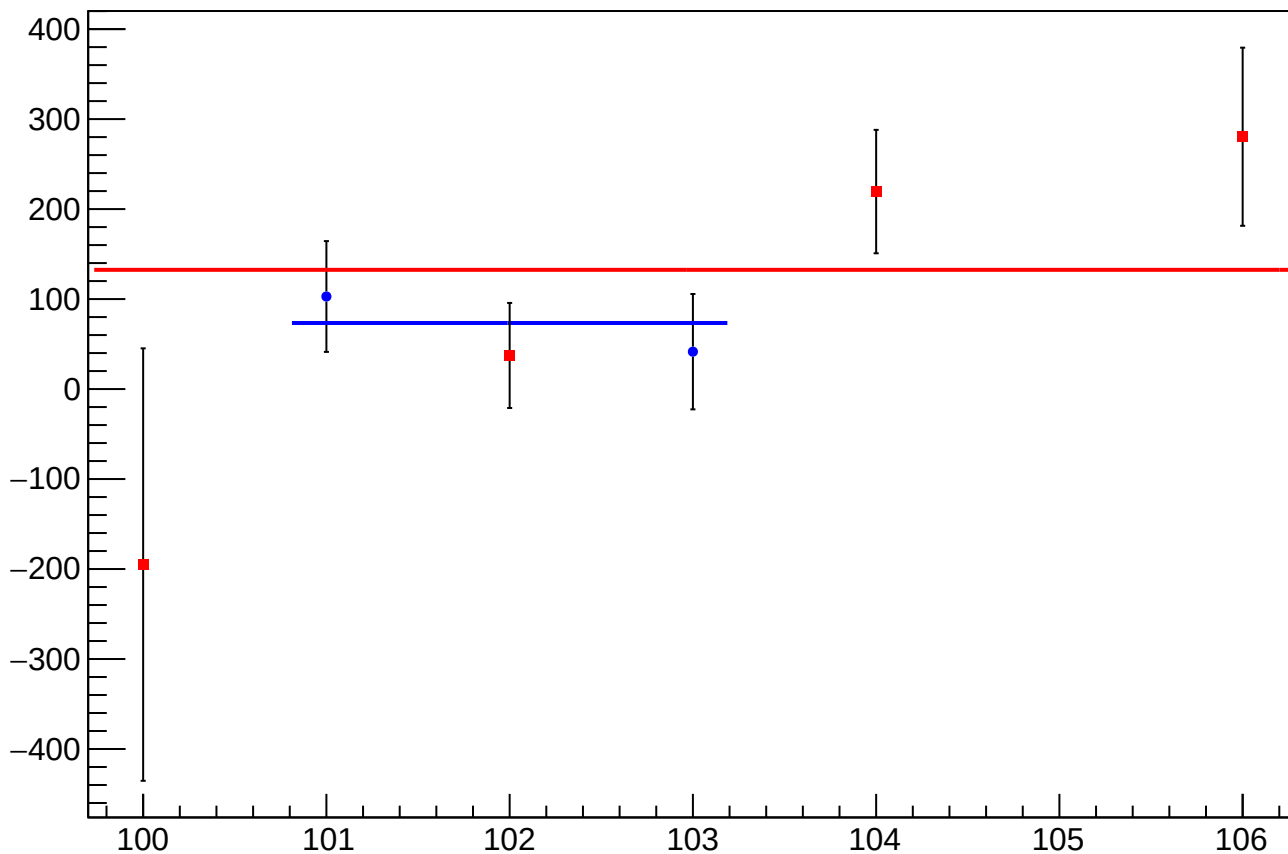
Right: 61.907+/-0.028 χ^2/NDF : 297243.3/5

In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.907+/-0.028 χ^2/NDF : 297243.3/5

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.492 $\pm$ 39.986 χ^2 /NDF: 8.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

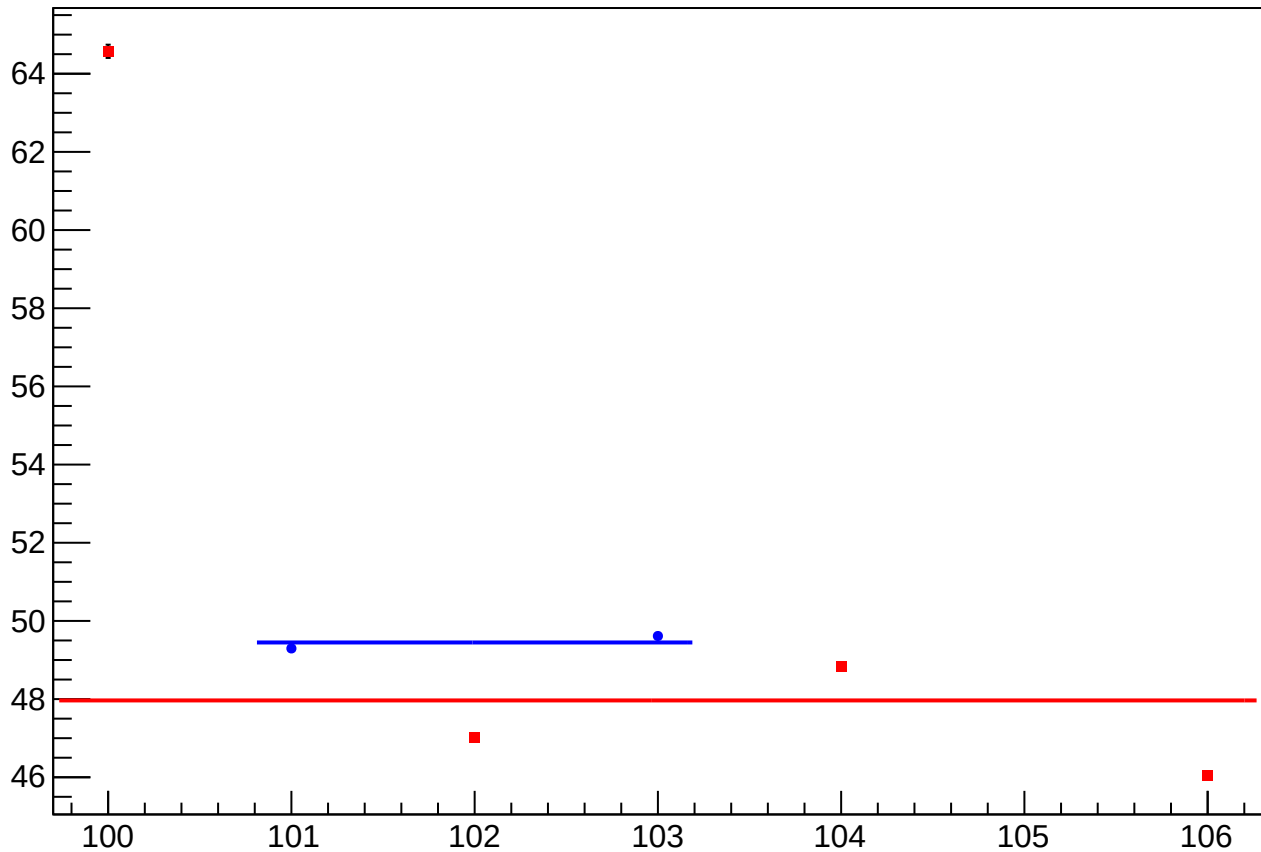
Right: 106.042 $\pm$ 29.713 χ^2 /NDF: 9.8/5

In: 73.430 $\pm$ 44.401 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.042 $\pm$ 29.713 χ^2 /NDF: 9.8/5

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.449 $\pm$ 0.031 χ^2 /NDF: 25.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.966 $\pm$ 0.028 χ^2 /NDF: 11152.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

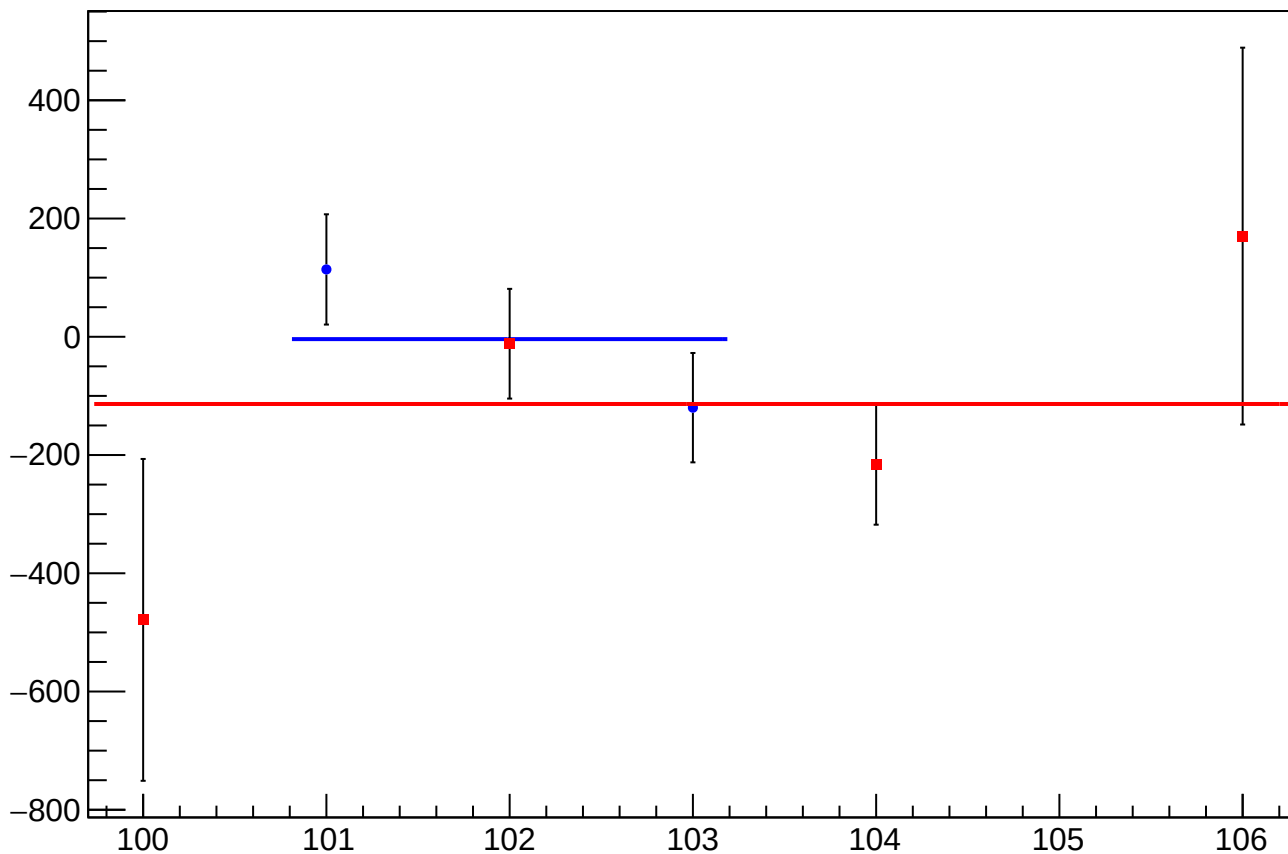
Right: 48.630 $\pm$ 0.021 χ^2 /NDF: 12409.9/5

In: 49.449 $\pm$ 0.031 χ^2 /NDF:25.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.630 $\pm$ 0.021 χ^2 /NDF: 12409.9/5

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -113.678+/-65.258 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

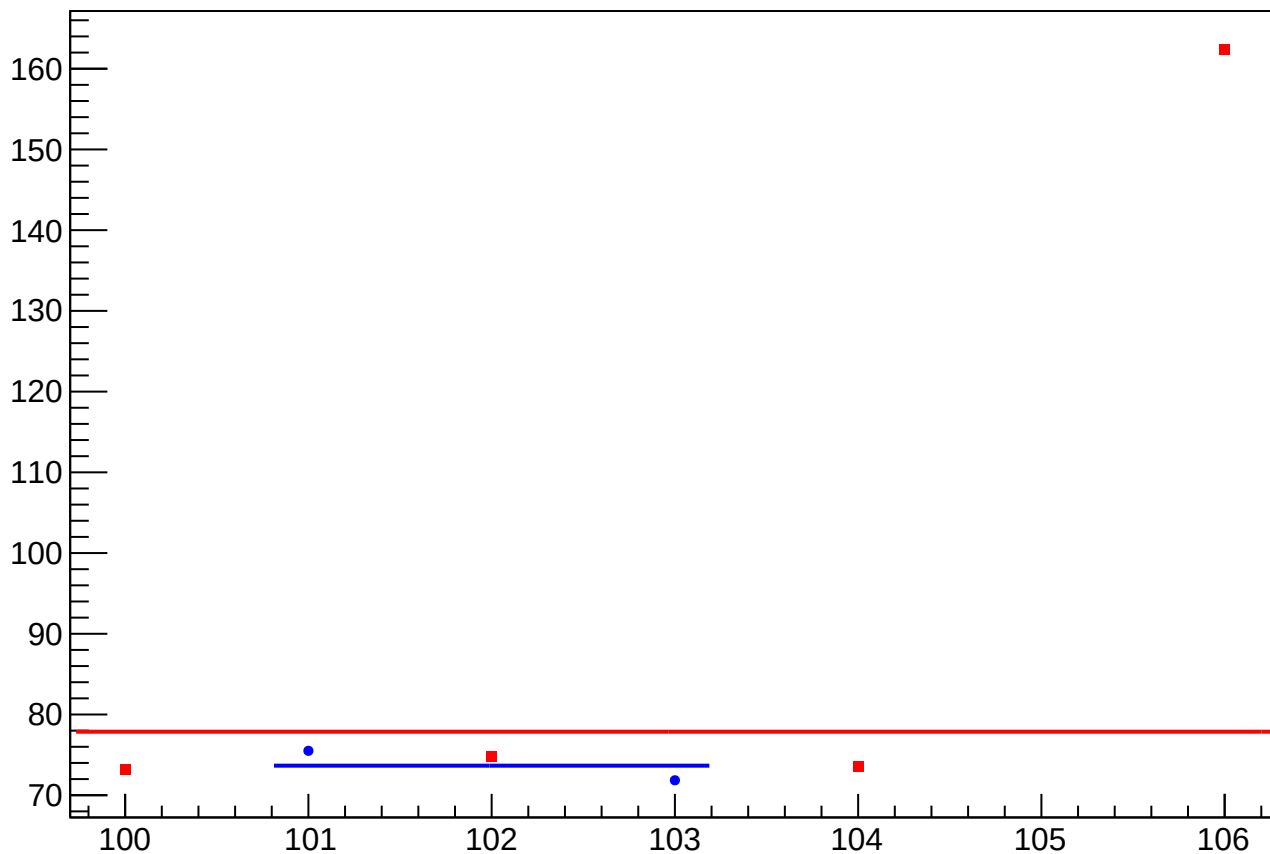
Right: -59.163+/-46.289 χ^2/NDF : 9.4/5

In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.163+/-46.289 χ^2/NDF : 9.4/5

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 73.661+/-0.046 χ^2/NDF : 1542.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.868+/-0.046 χ^2/NDF : 146981.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

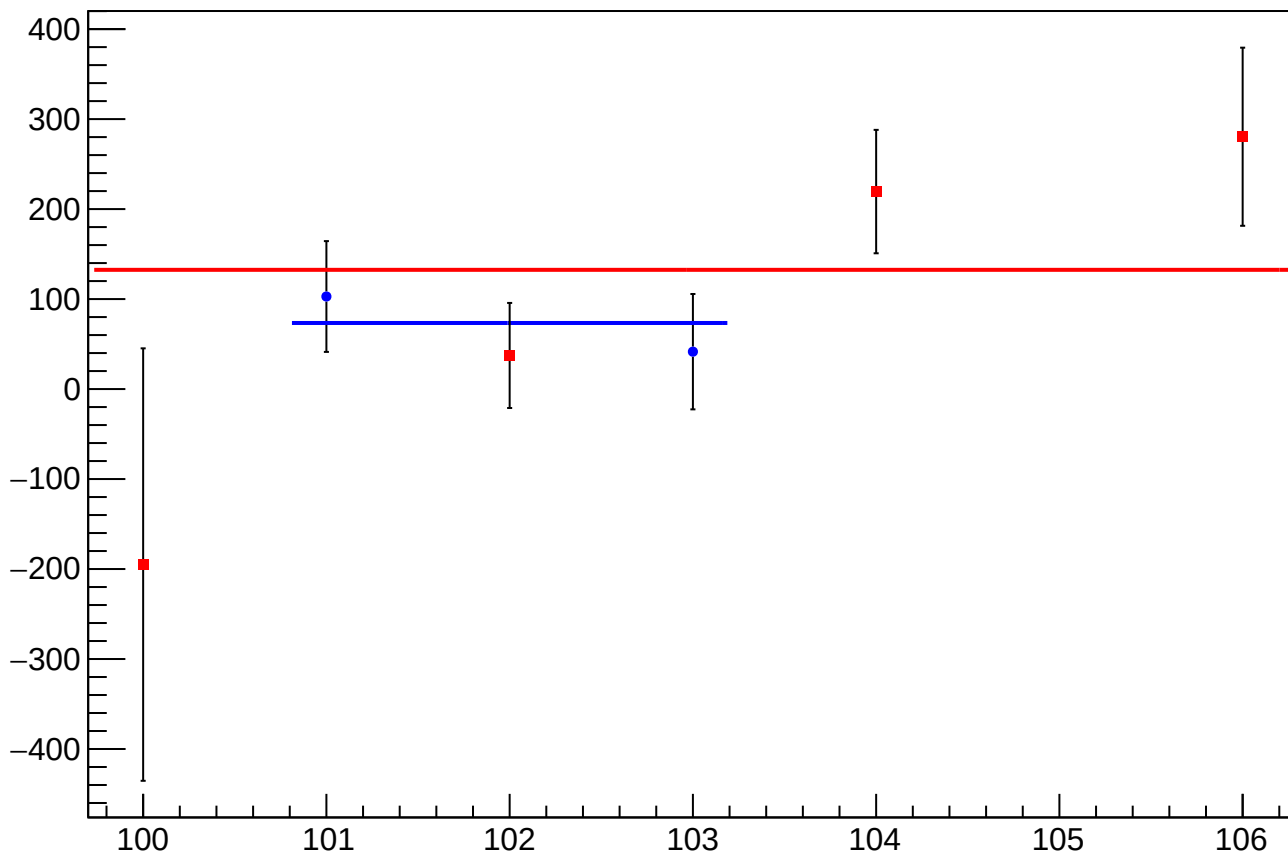
Right: 75.778+/-0.033 χ^2/NDF : 152653.2/5

In: 73.661+/-0.046 χ^2/NDF : 1542.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.778+/-0.033 χ^2/NDF : 152653.2/5

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.492 $\pm$ 39.986 χ^2 /NDF: 8.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

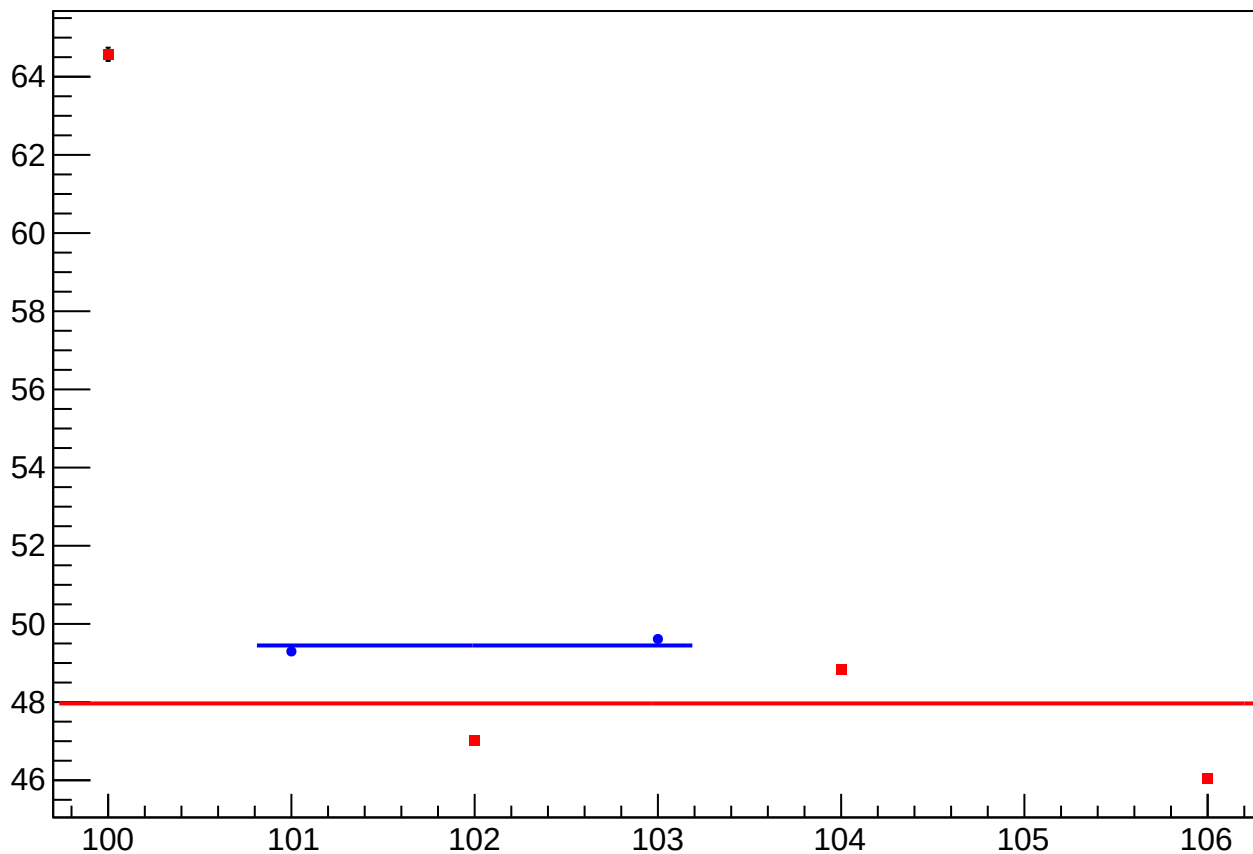
Right: 106.042 $\pm$ 29.713 χ^2 /NDF: 9.8/5

In: 73.430 $\pm$ 44.401 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.042 $\pm$ 29.713 χ^2 /NDF: 9.8/5

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 49.449 $\pm$ 0.031 χ^2 /NDF: 25.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.966 $\pm$ 0.028 χ^2 /NDF: 11152.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

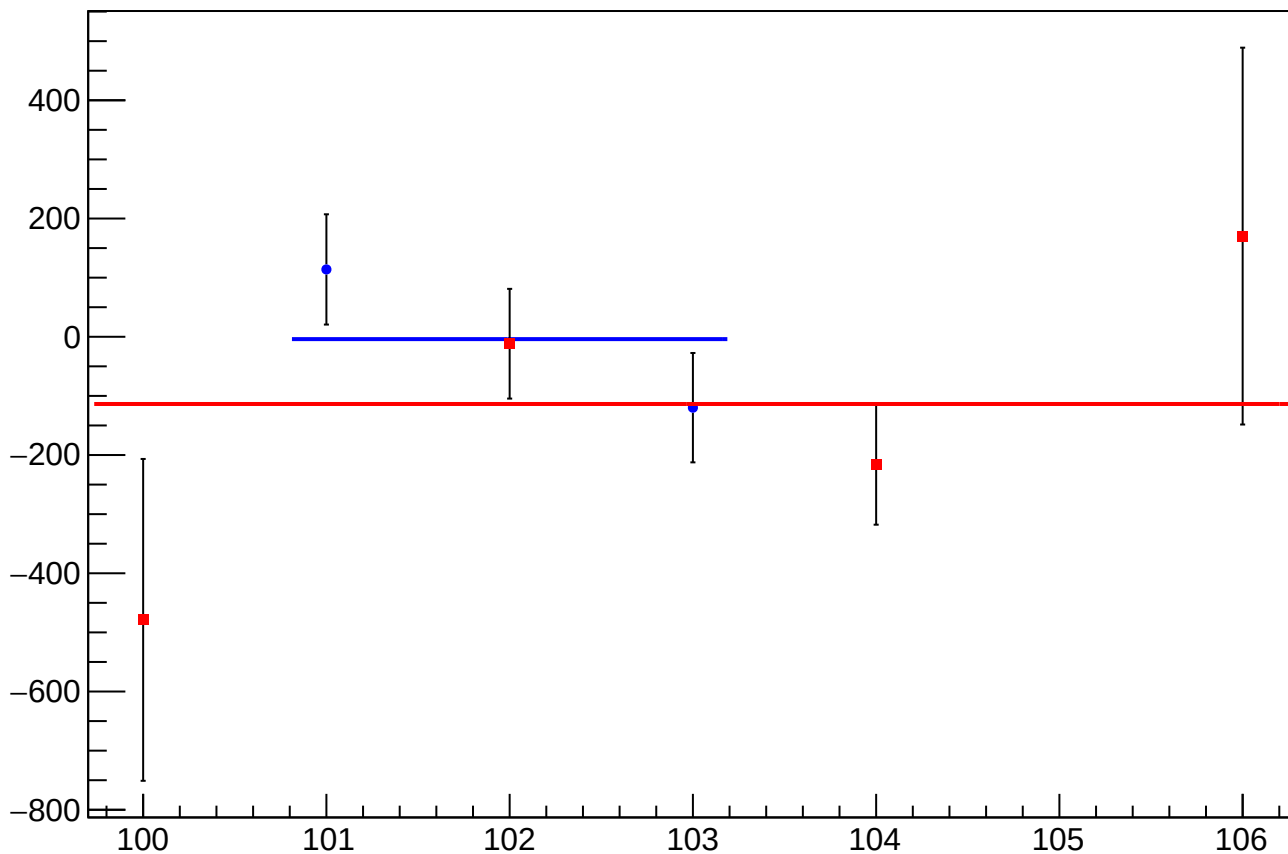
Right: 48.630 $\pm$ 0.021 χ^2 /NDF: 12409.8/5

In: 49.449 $\pm$ 0.031 χ^2 /NDF:25.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 48.630 $\pm$ 0.021 χ^2 /NDF: 12409.8/5

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3.957 ± 65.670 χ^2/NDF : 3.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -113.678 ± 65.258 χ^2/NDF : 4.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

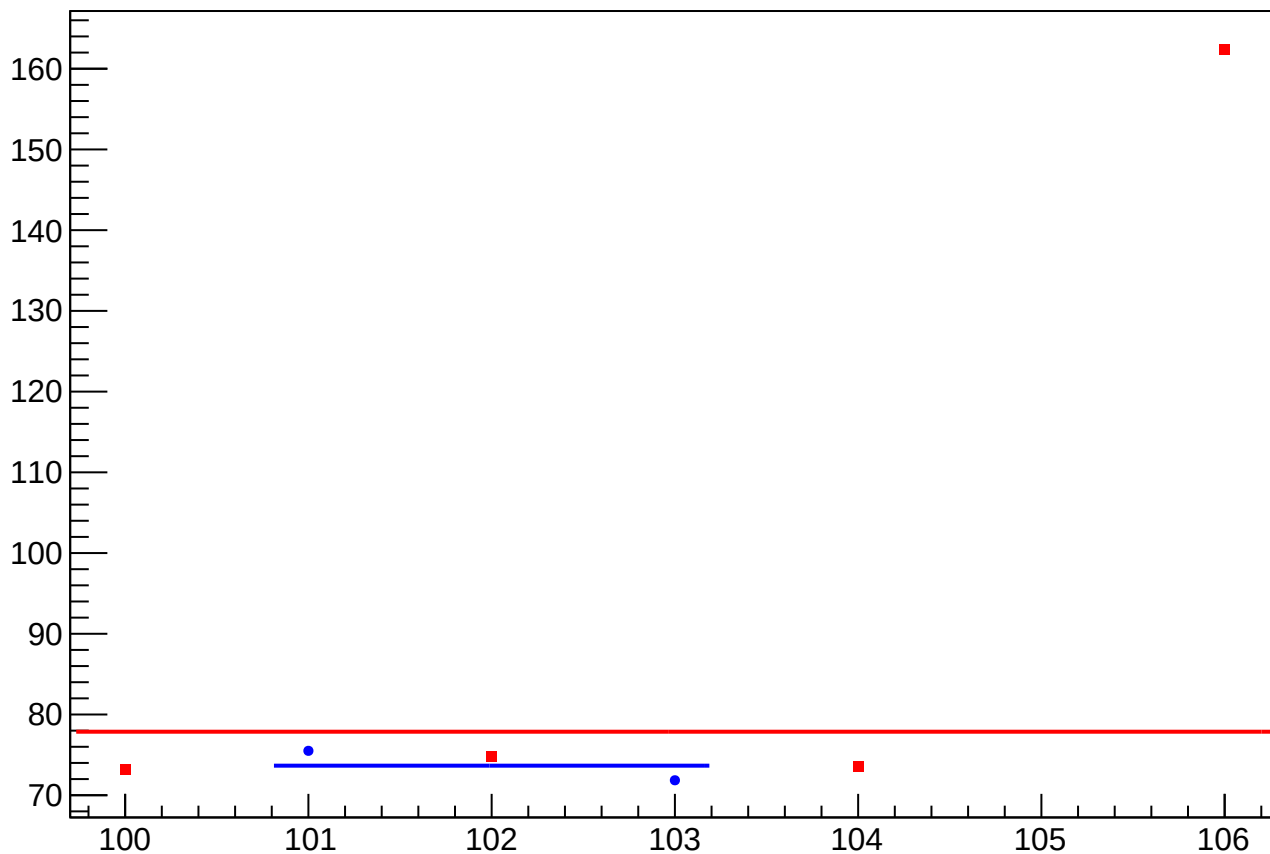
Right: -59.163 ± 46.289 χ^2/NDF : 9.4/5

In: -3.957 ± 65.670 χ^2/NDF : 3.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.163 ± 46.289 χ^2/NDF : 9.4/5

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 73.661+/-0.046 χ^2/NDF : 1542.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.868+/-0.046 χ^2/NDF : 146983.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

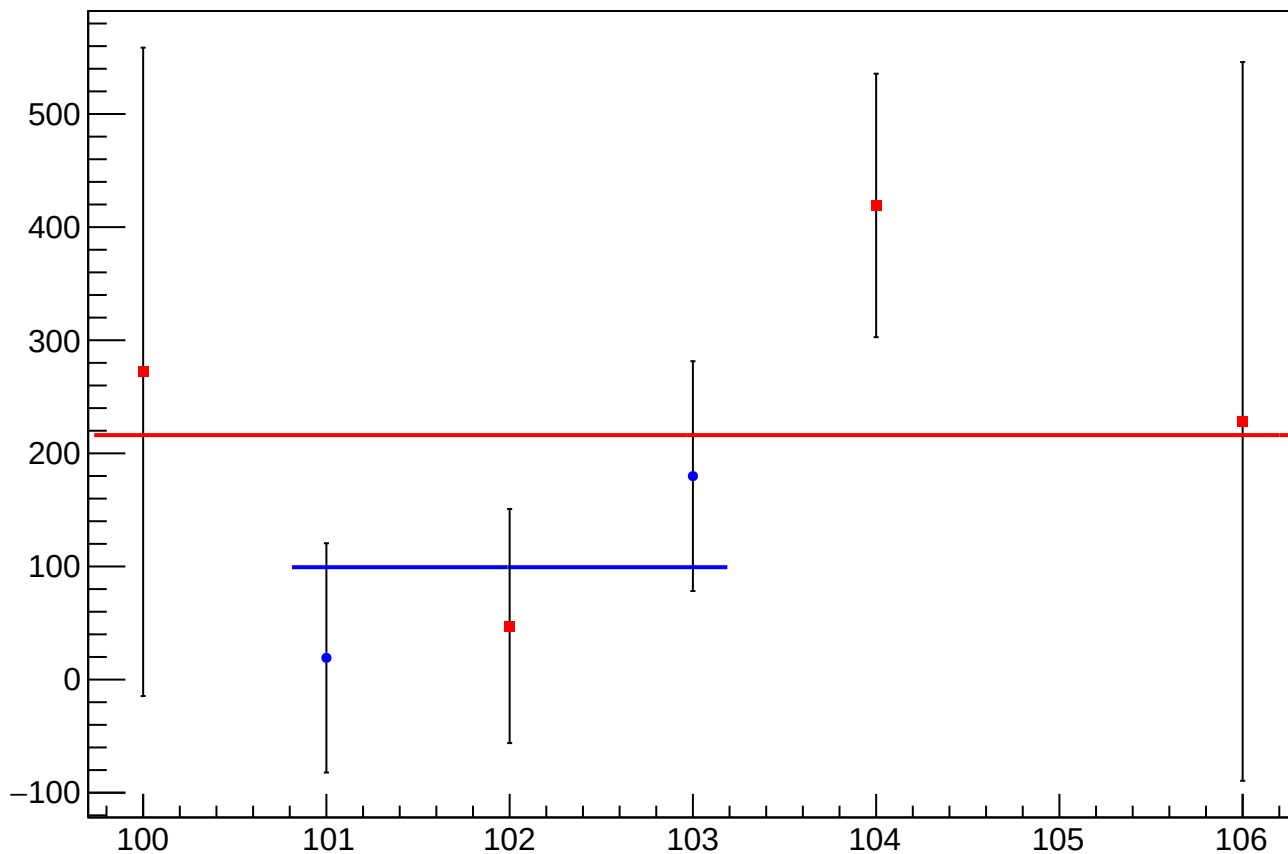
Right: 75.778+/-0.033 χ^2/NDF : 152655.2/5

In: 73.661+/-0.046 χ^2/NDF : 1542.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.778+/-0.033 χ^2/NDF : 152655.2/5

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 99.360 $\pm$ 71.745 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 216.144 $\pm$ 72.702 χ^2 /NDF: 5.7/3

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

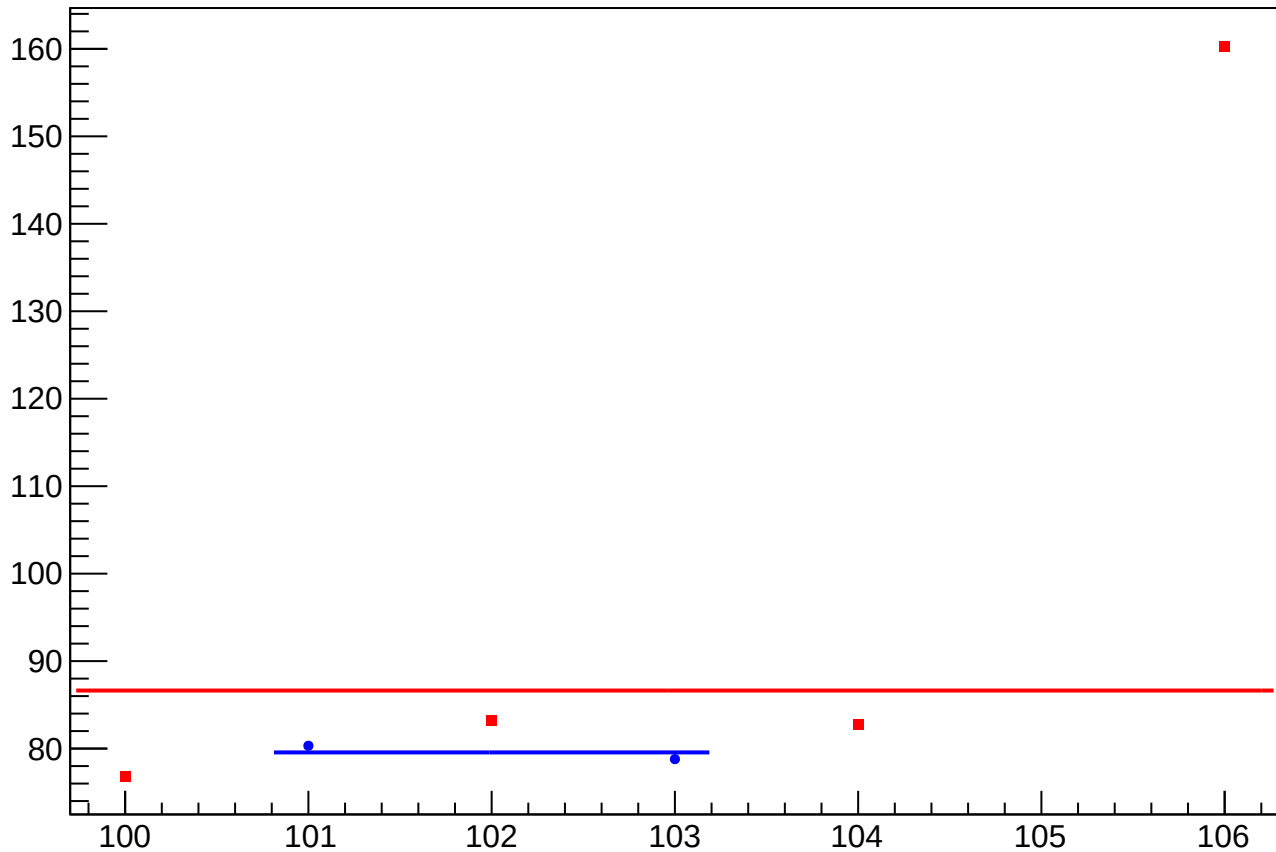
Right: 156.978 $\pm$ 51.067 χ^2 /NDF: 8.3/5

In: 99.360 $\pm$ 71.745 χ^2 /NDF:1.3/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 156.978 $\pm$ 51.067 χ^2 /NDF: 8.3/5

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 79.560 $\pm$ 0.051 χ^2 /NDF: 226.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.635 $\pm$ 0.051 χ^2 /NDF: 114197.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

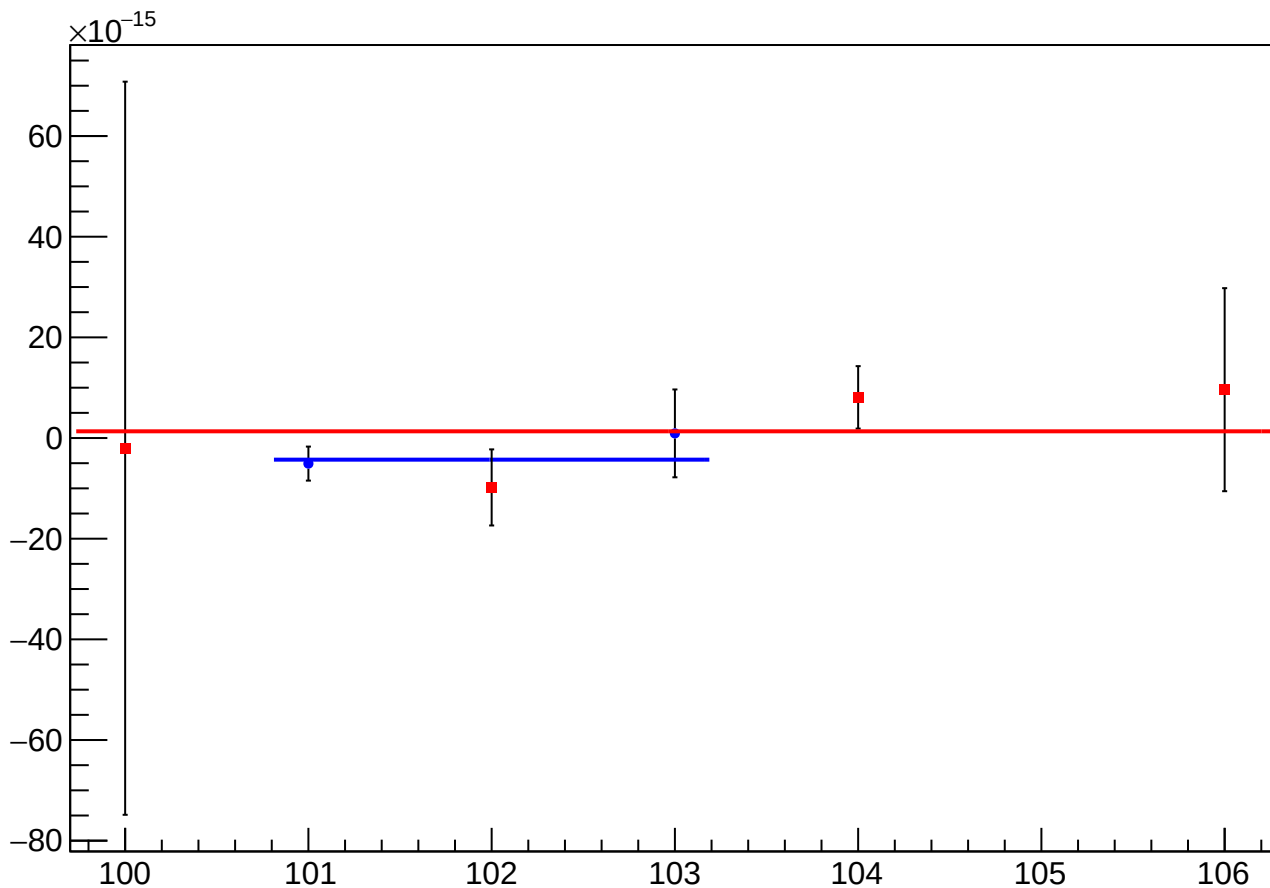
Right: 83.051 $\pm$ 0.036 χ^2 /NDF: 124018.3/5

In: 79.560 $\pm$ 0.051 χ^2 /NDF: 226.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.051 $\pm$ 0.036 χ^2 /NDF: 124018.3/5

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

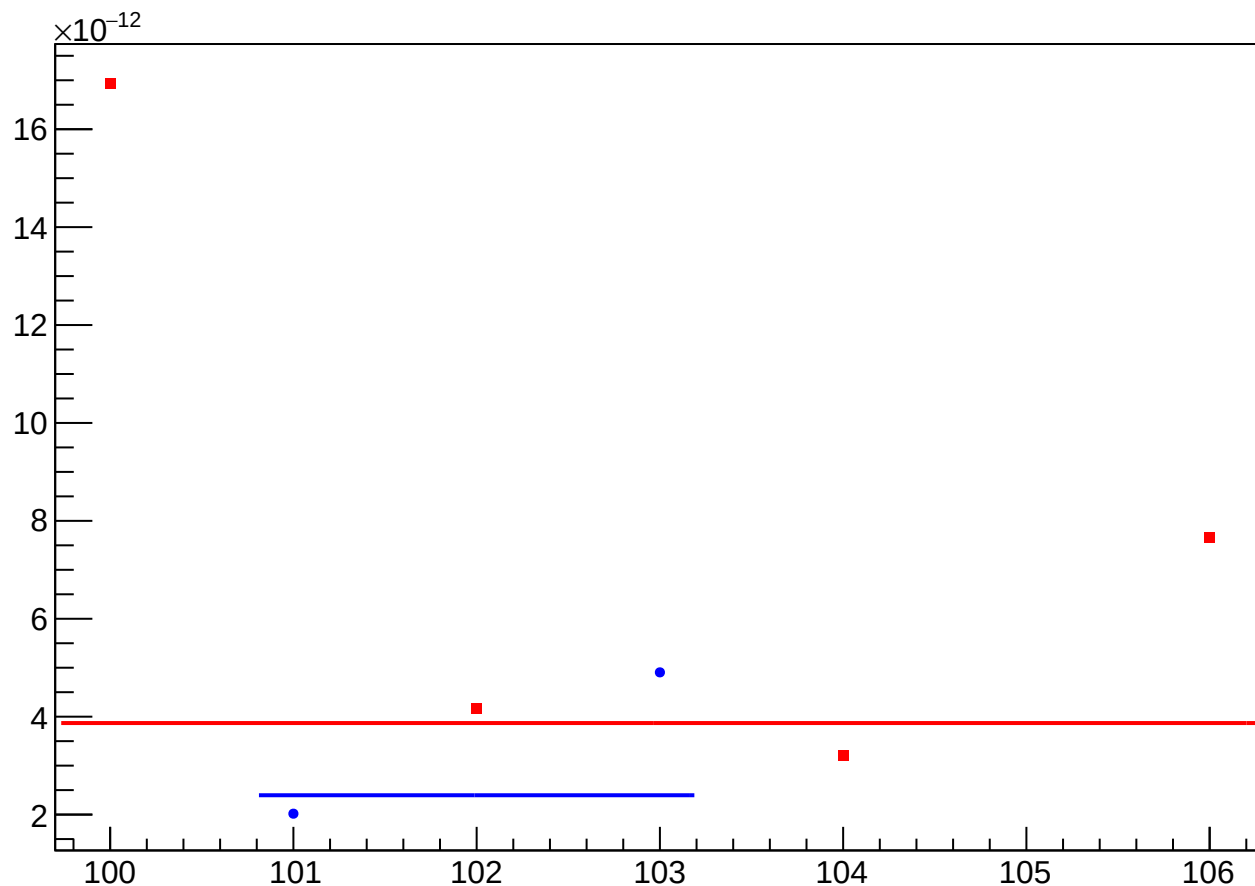
Right: -0.000+/-0.000 χ^2/NDF : 4.9/5

In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.9/5

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 190337.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 160525.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

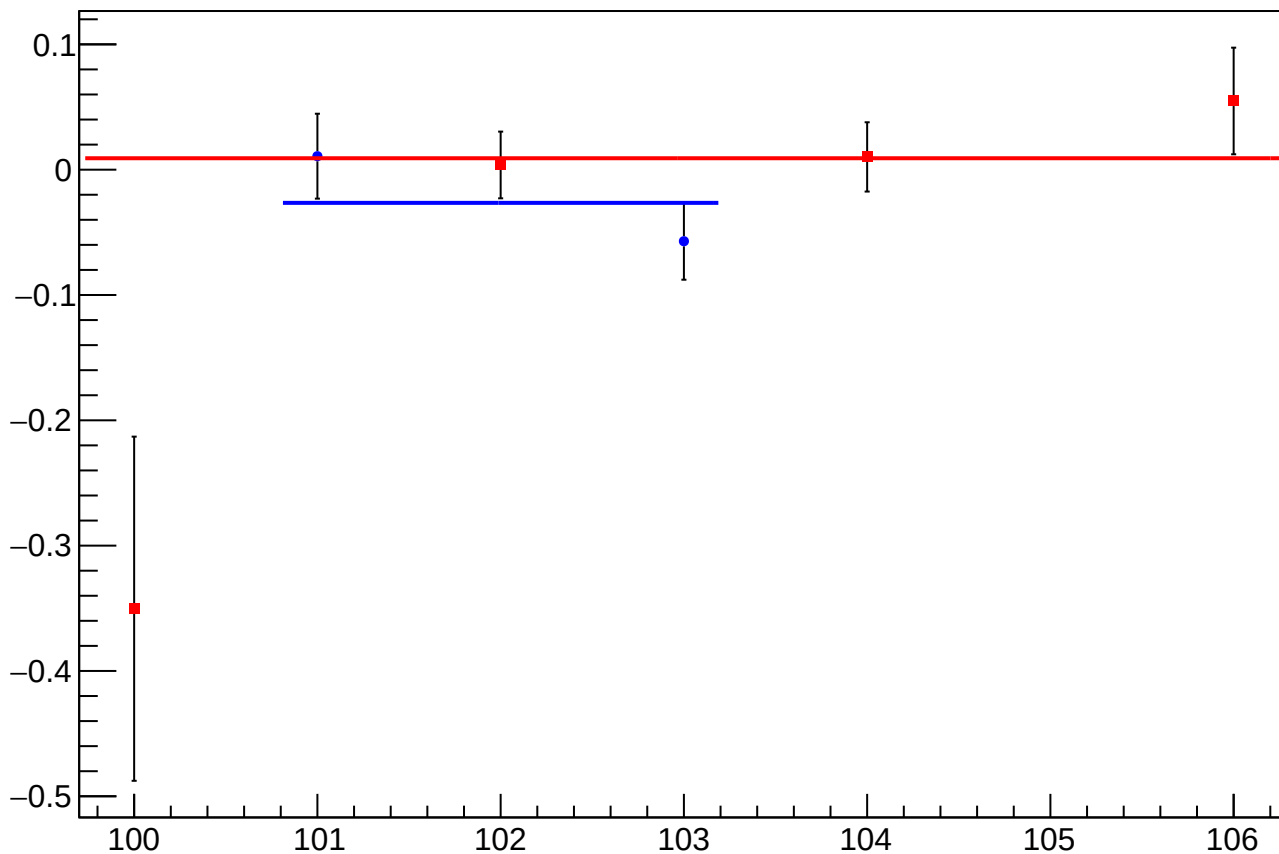
Right: 0.000+/-0.000 χ^2/NDF : 488503.6/5

In: 0.000+/-0.000 χ^2/NDF : 190337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 488503.6/5

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.017 χ^2 /NDF: 8.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

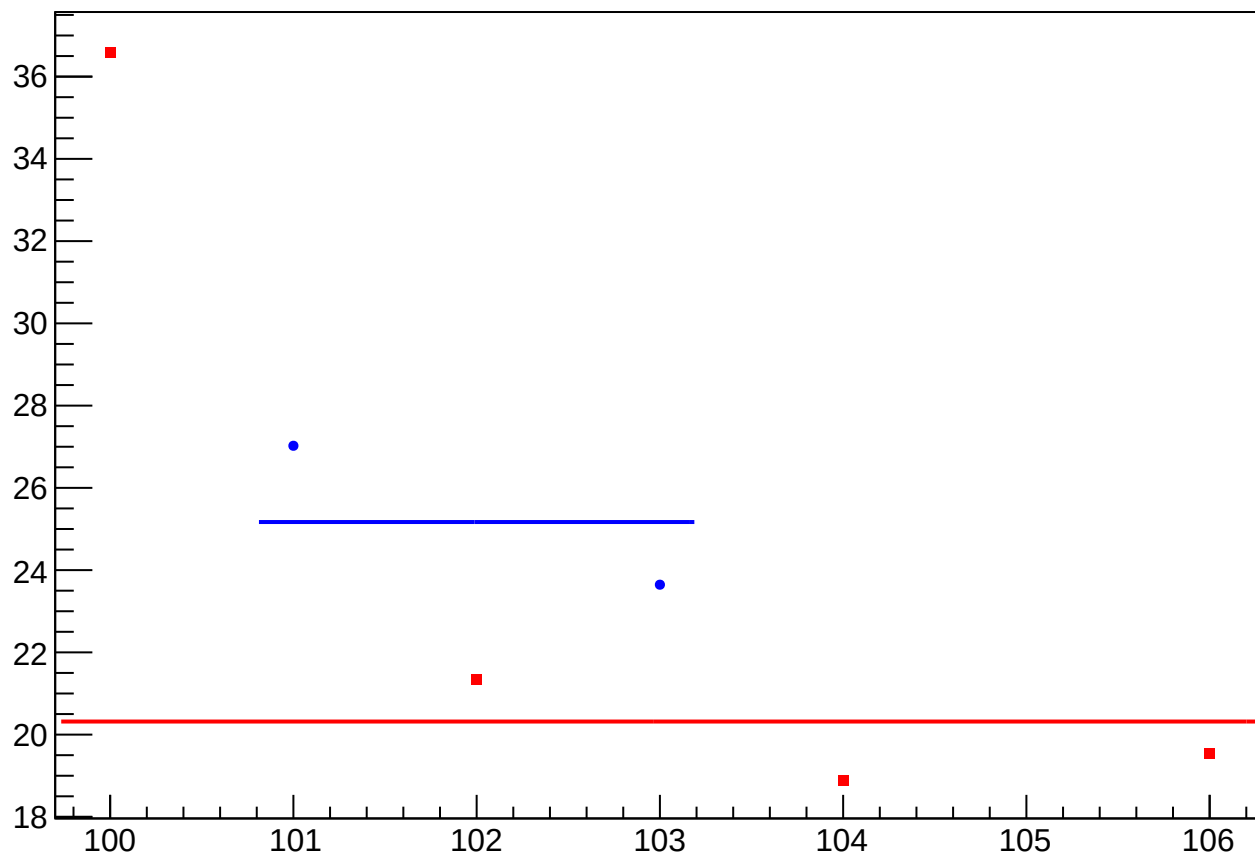
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.318+/-0.012 χ^2/NDF : 37195.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

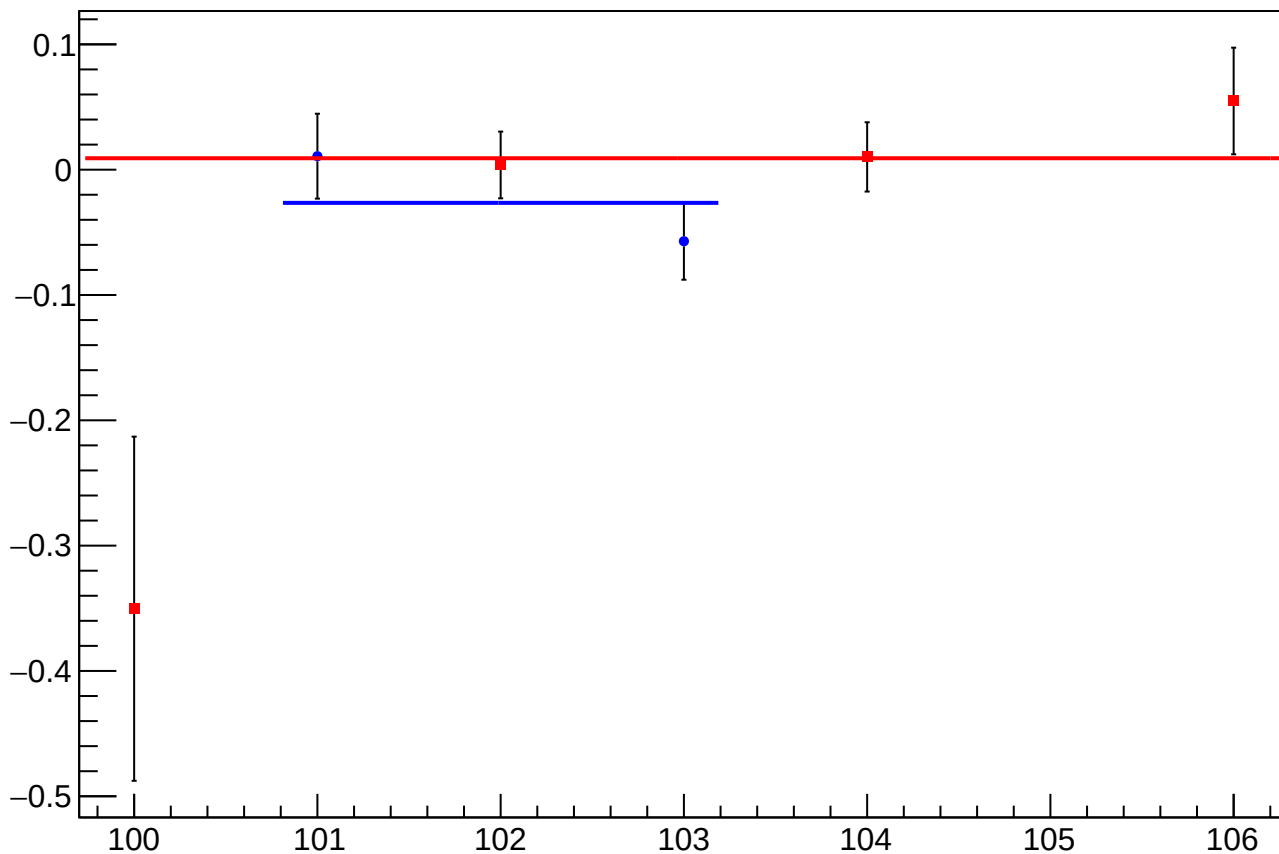
Right: 22.101+/-0.010 χ^2/NDF : 105614.8/5

In: 25.169+/-0.016 χ^2/NDF :10914.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.101+/-0.010 χ^2/NDF : 105614.8/5

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.017 χ^2 /NDF: 8.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

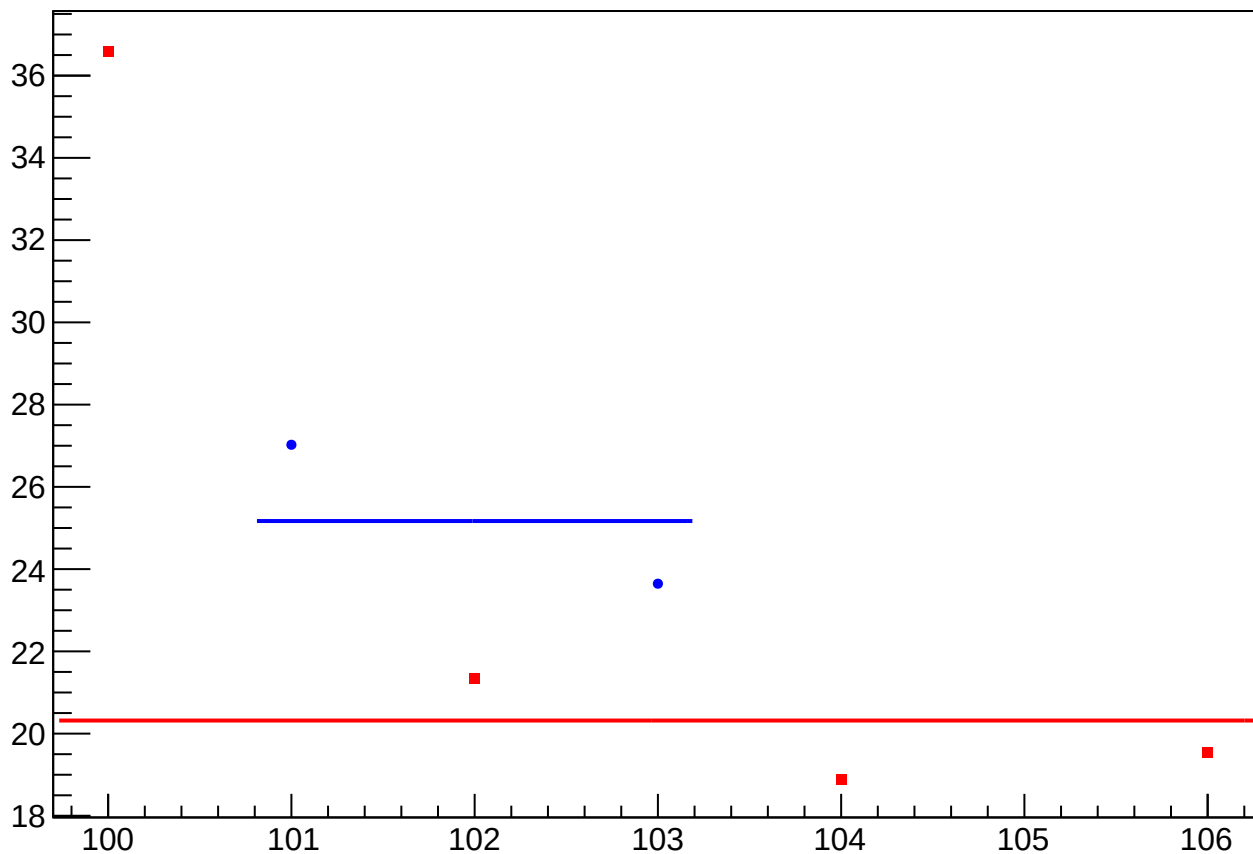
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.318+/-0.012 χ^2/NDF : 37195.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

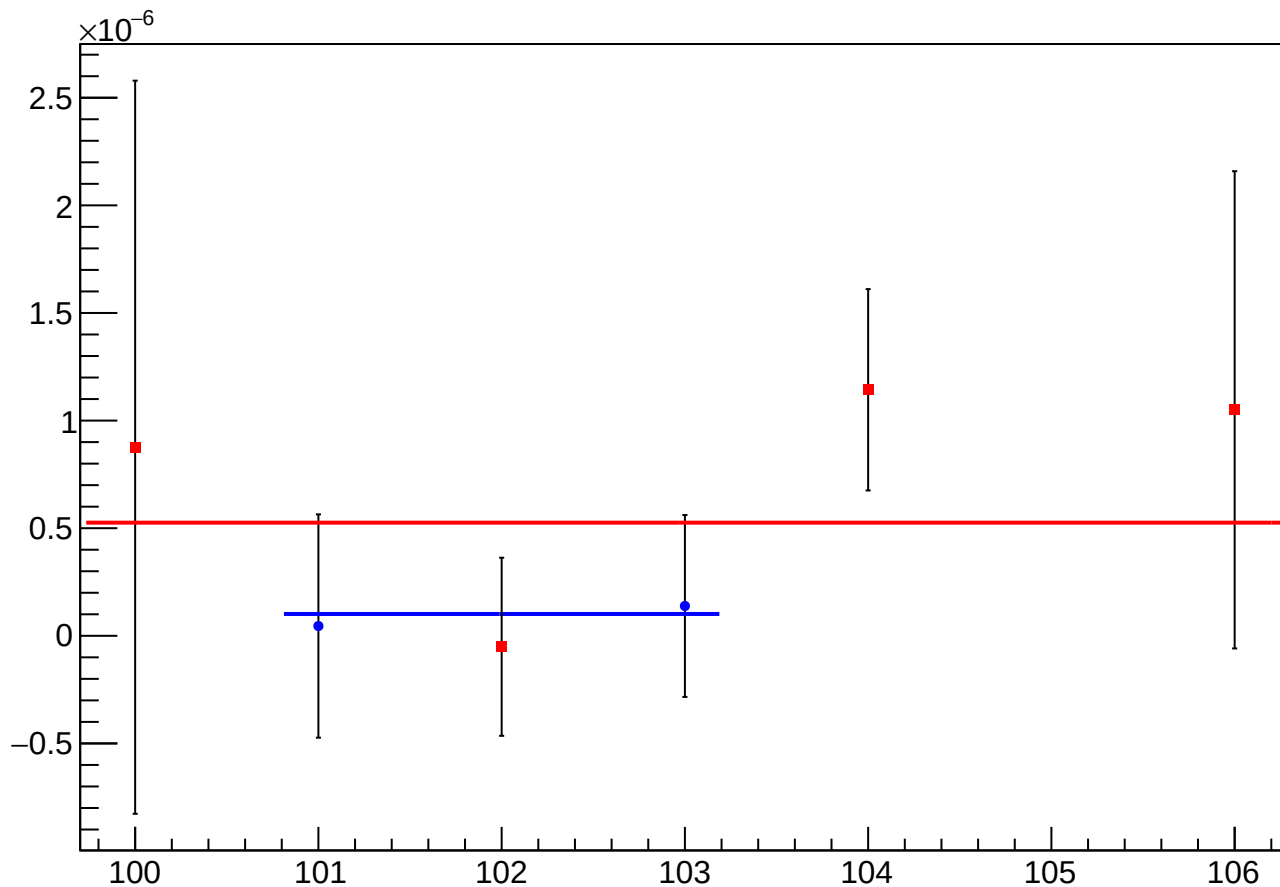
Right: 22.101+/-0.010 χ^2/NDF : 105614.8/5

In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.101+/-0.010 χ^2/NDF : 105614.8/5

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

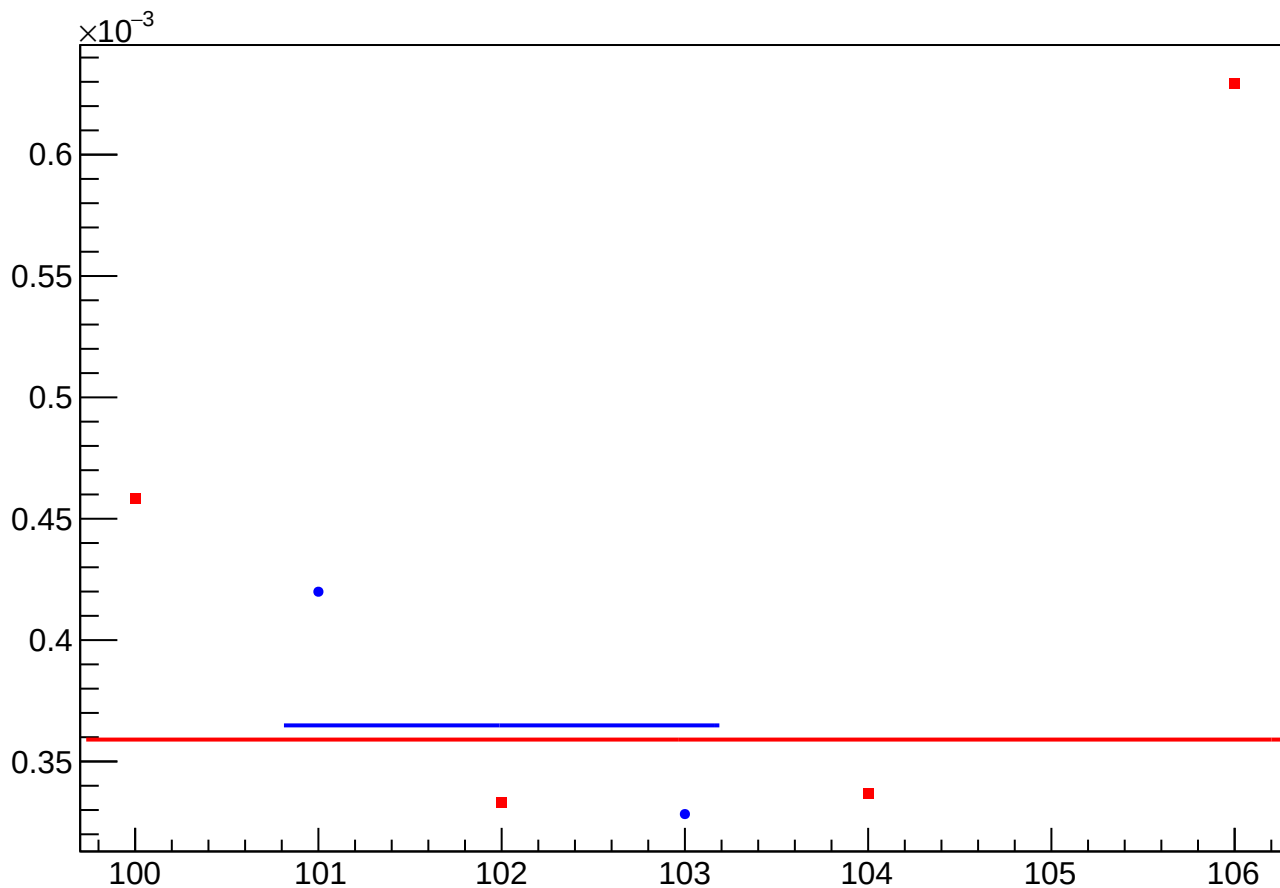
Right: 0.000+/-0.000 χ^2/NDF : 4.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/5

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37489.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 138131.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

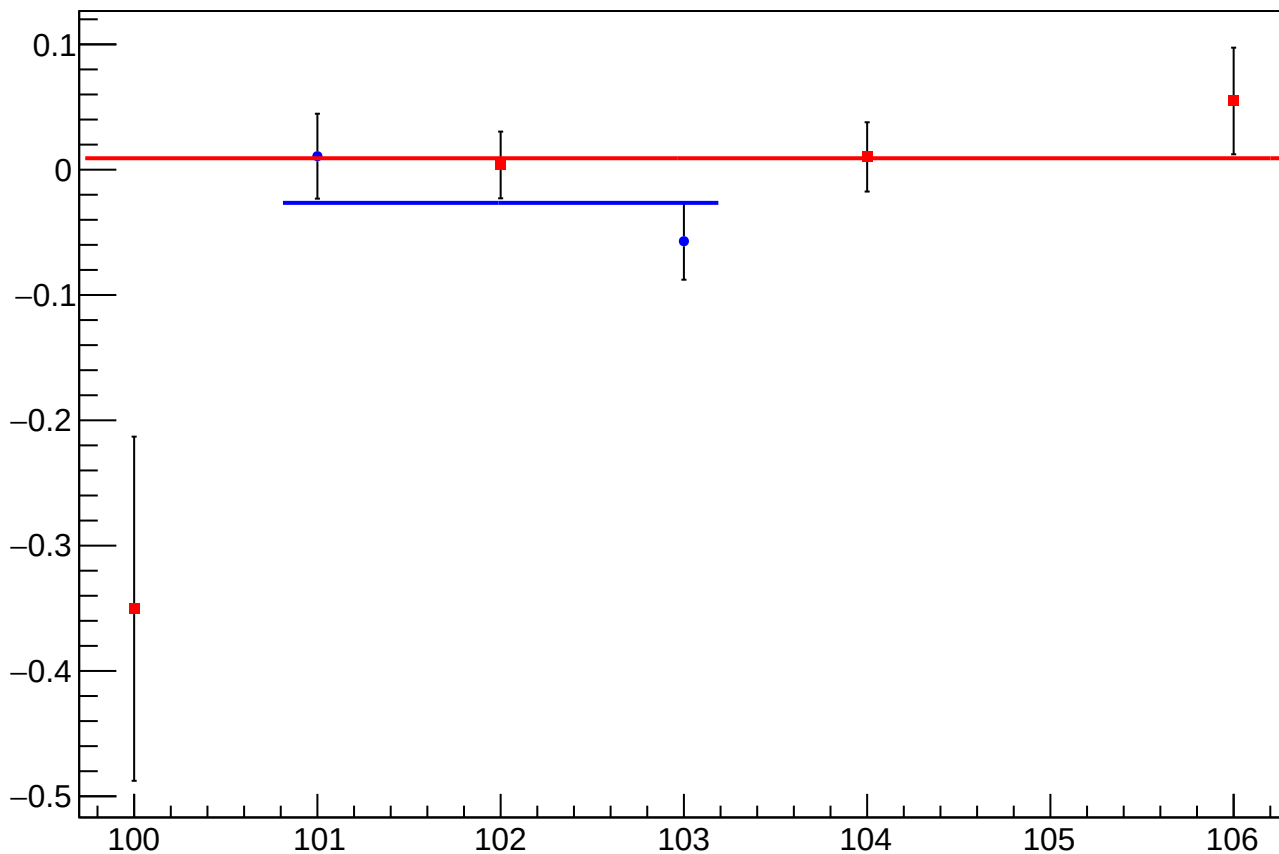
Right: 0.000+/-0.000 χ^2/NDF : 175973.3/5

In: 0.000+/-0.000 χ^2/NDF : 37489.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 175973.3/5

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.017 χ^2 /NDF: 8.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

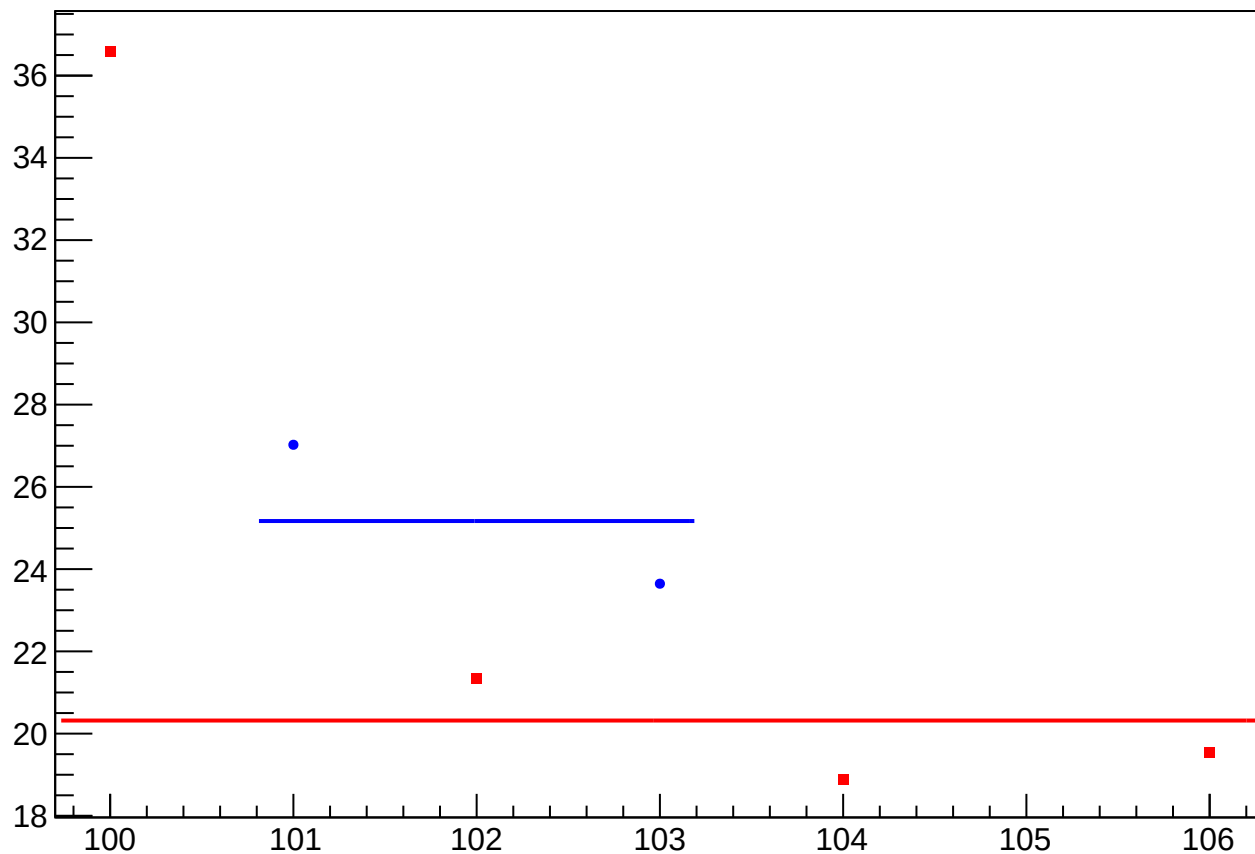
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.318+/-0.012 χ^2/NDF : 37194.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

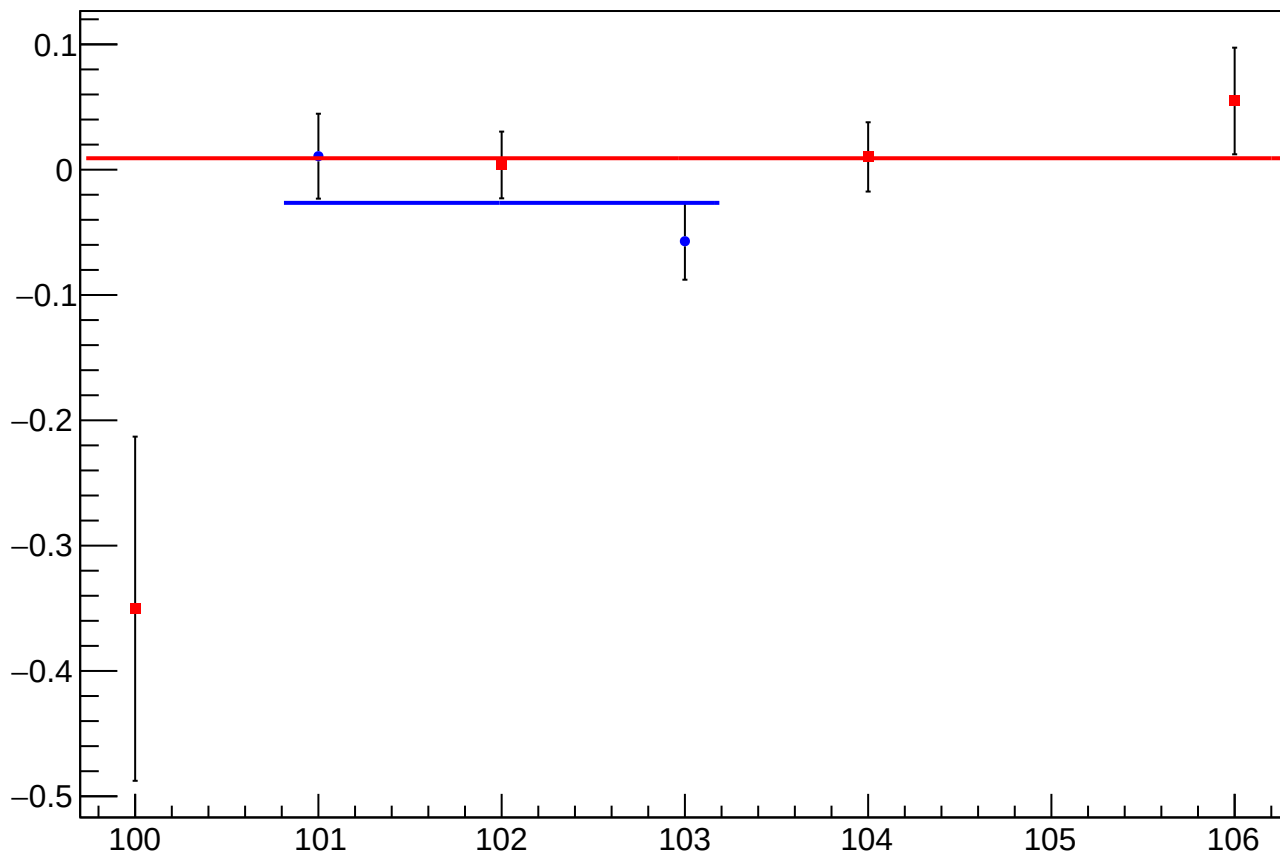
Right: 22.101+/-0.010 χ^2/NDF : 105612.8/5

In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.101+/-0.010 χ^2/NDF : 105612.8/5

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.023 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.017 χ^2 /NDF: 8.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

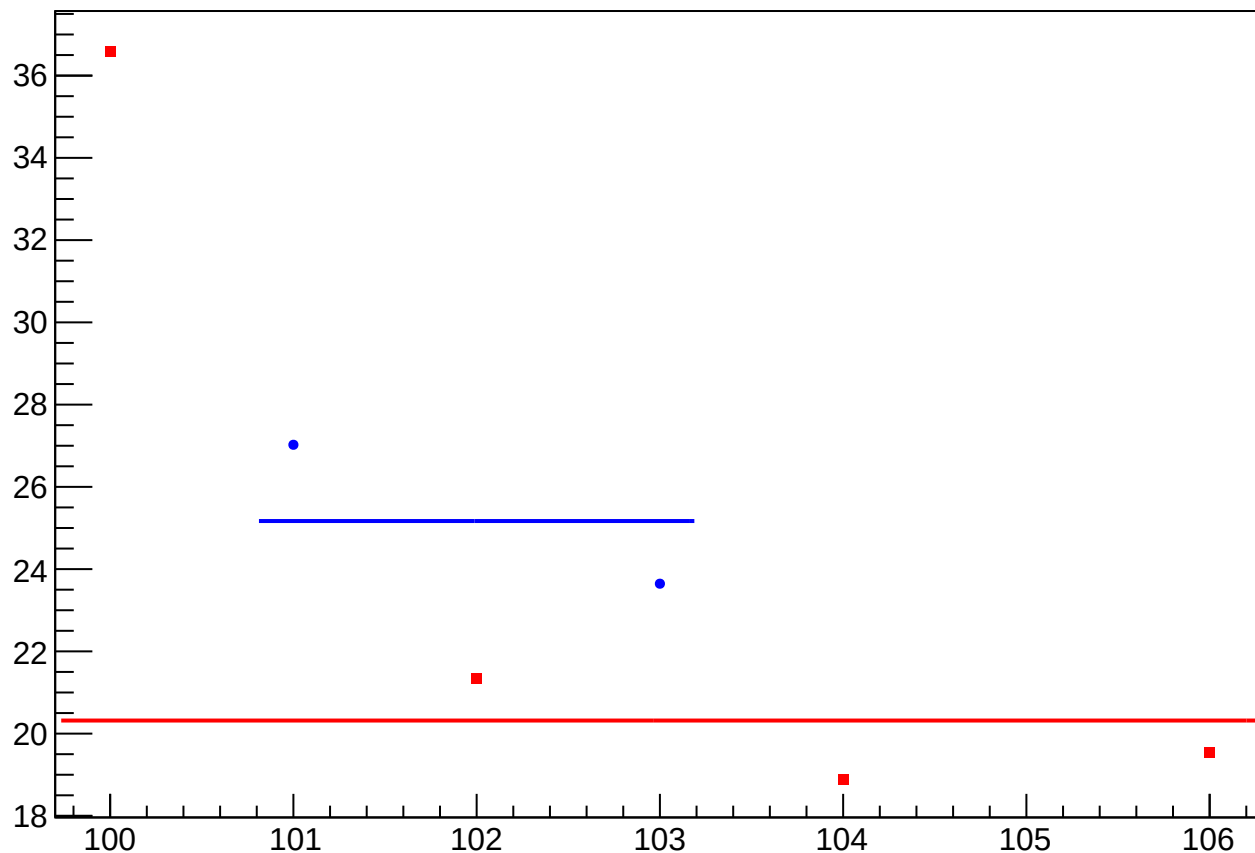
Right: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

In: -0.026 $\pm$ 0.023 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.014 χ^2 /NDF: 11.8/5

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.318+/-0.012 χ^2/NDF : 37194.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

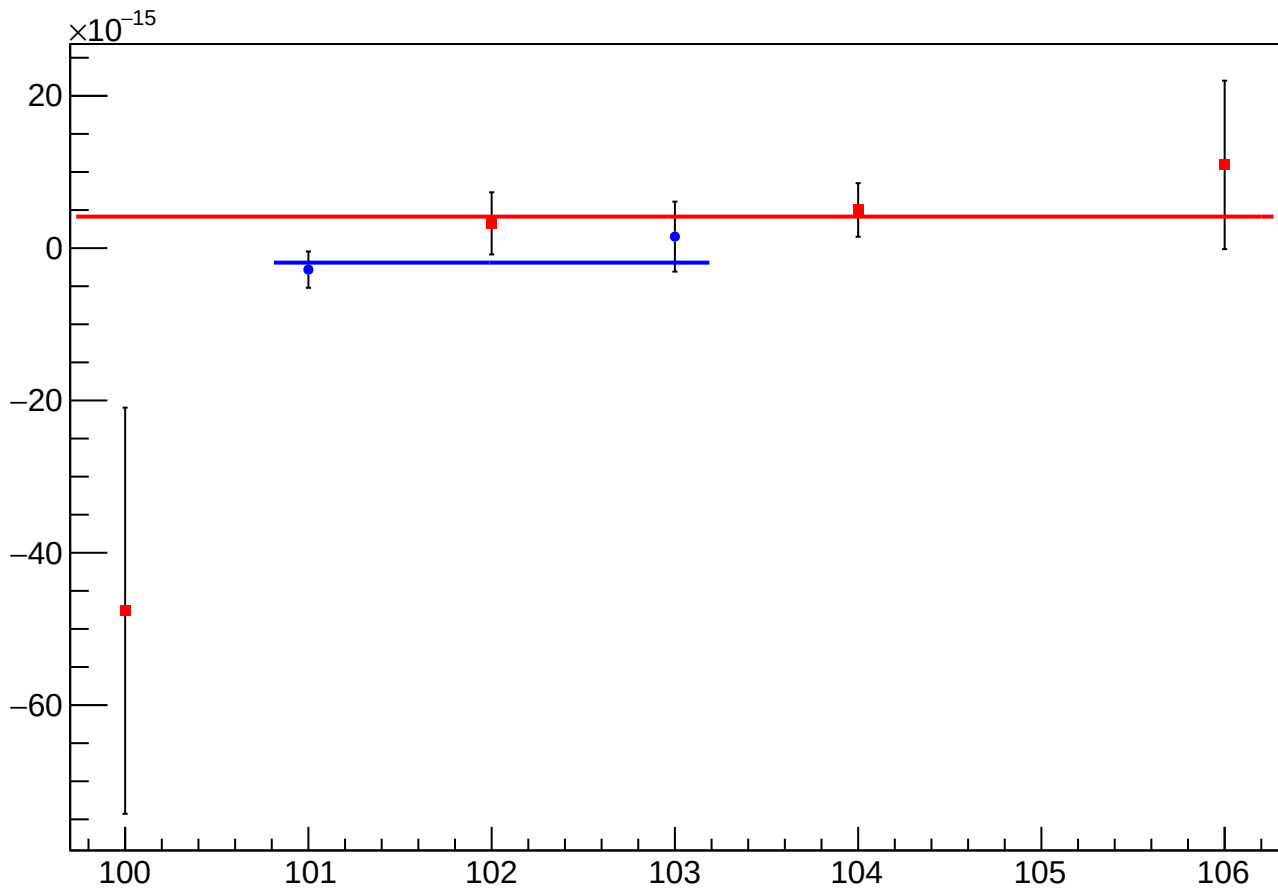
Right: 22.101+/-0.010 χ^2/NDF : 105612.8/5

In: 25.169+/-0.016 χ^2/NDF :10914.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.101+/-0.010 χ^2/NDF : 105612.8/5

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

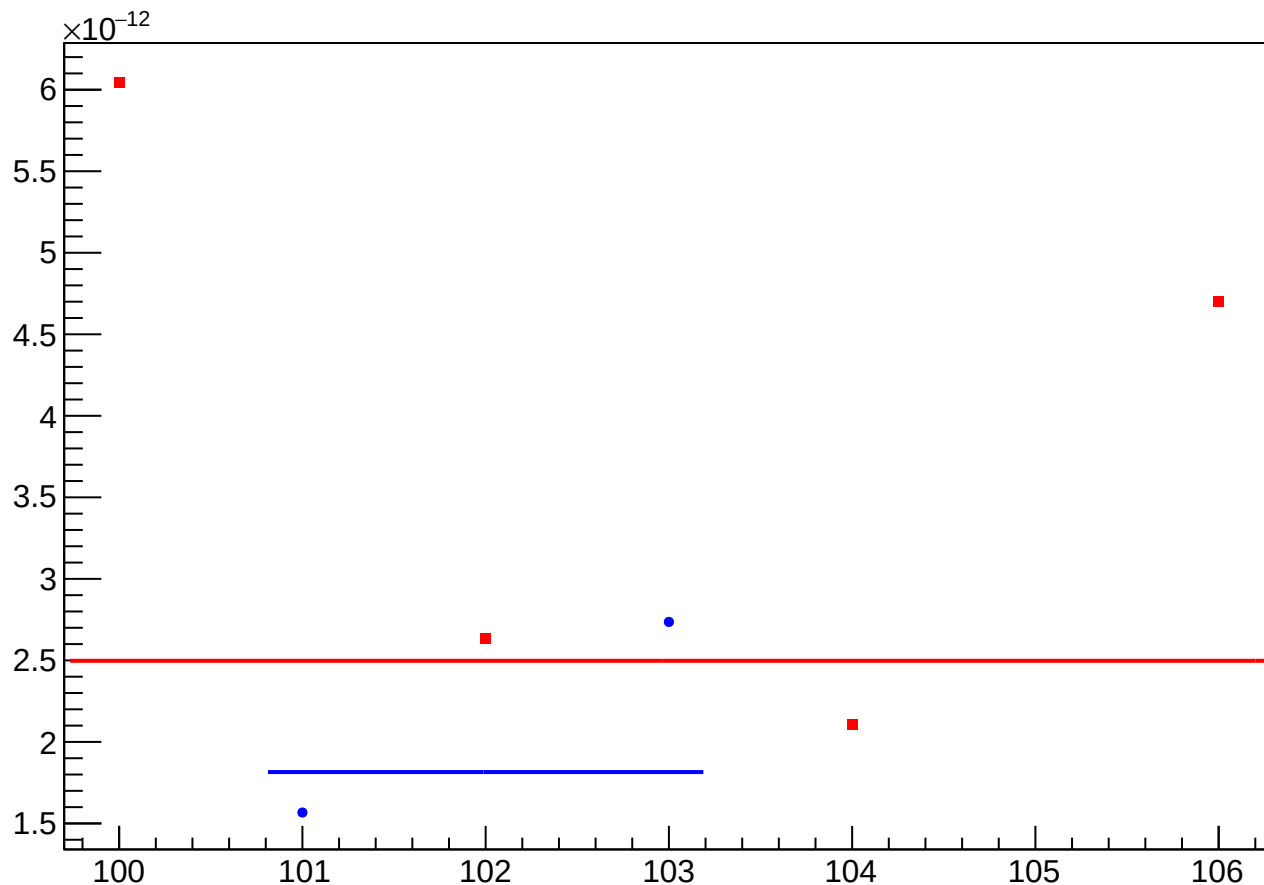
Right: 0.000+/-0.000 χ^2/NDF : 8.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/5

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 102041.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141341.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

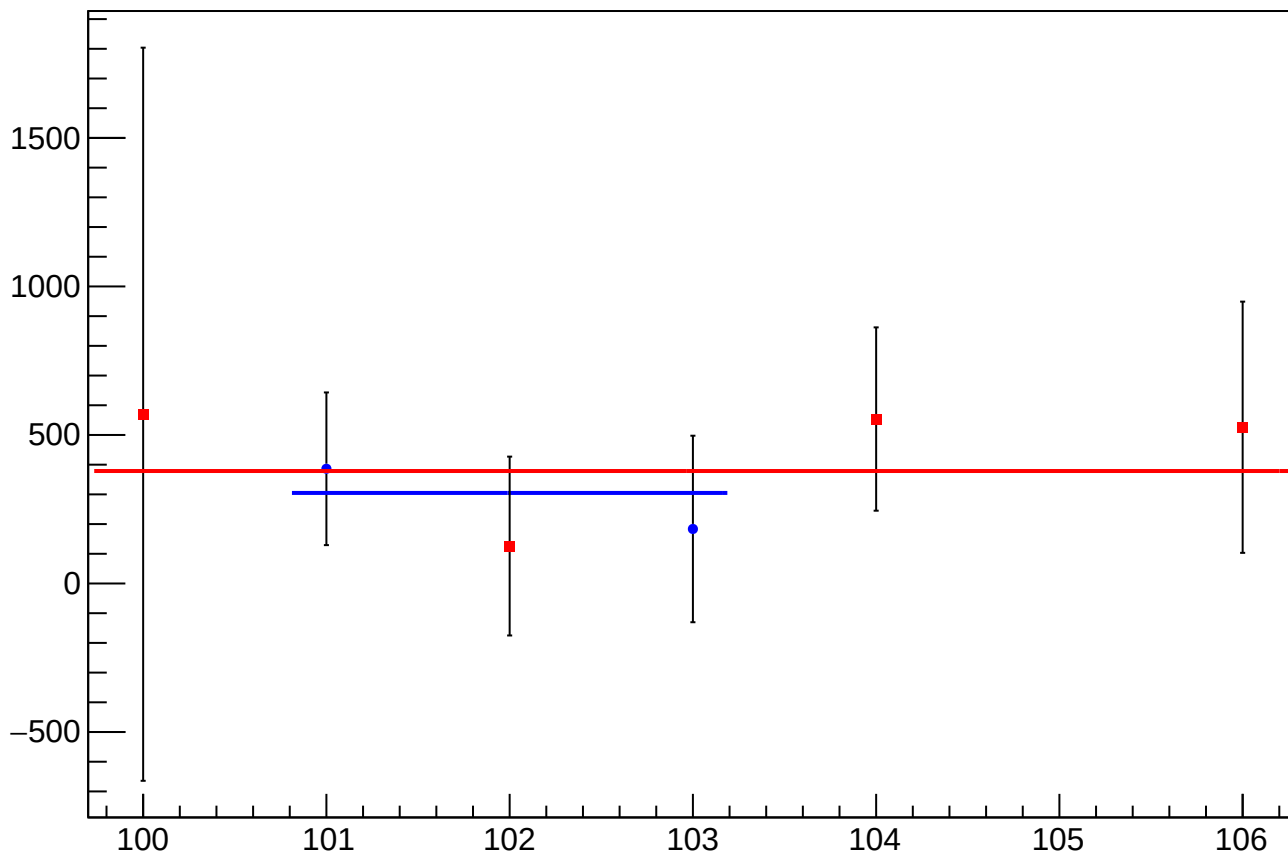
Right: 0.000+/-0.000 χ^2/NDF : 327069.7/5

In: 0.000+/-0.000 χ^2/NDF : 102041.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 327069.7/5

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.862 ± 198.858 χ^2/NDF : 0.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 378.656 ± 189.710 χ^2/NDF : 1.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

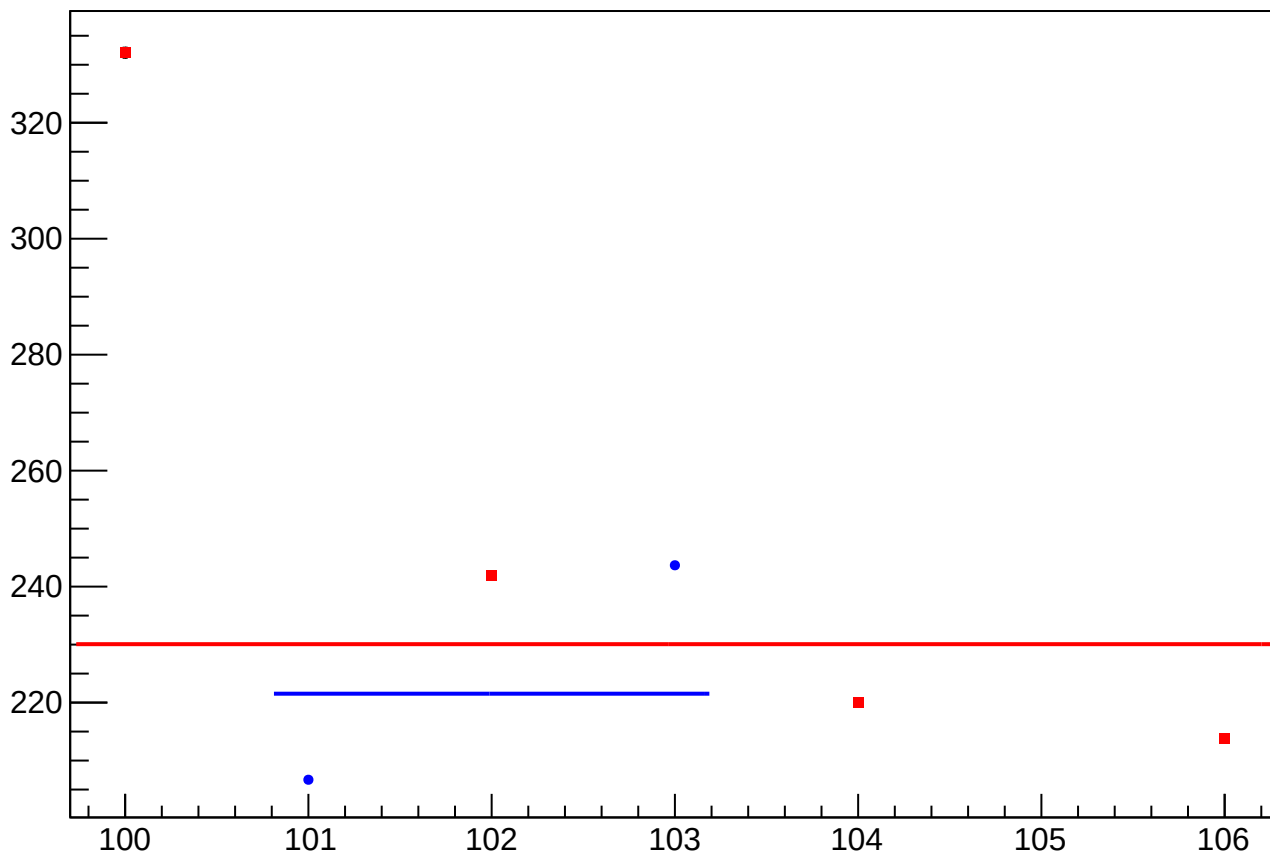
Right: 343.495 ± 137.265 χ^2/NDF : 1.5/5

In: 304.862 ± 198.858 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 343.495 ± 137.265 χ^2/NDF : 1.5/5

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16623.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 230.073 $\pm$ 0.134 χ^2 /NDF: 21807.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

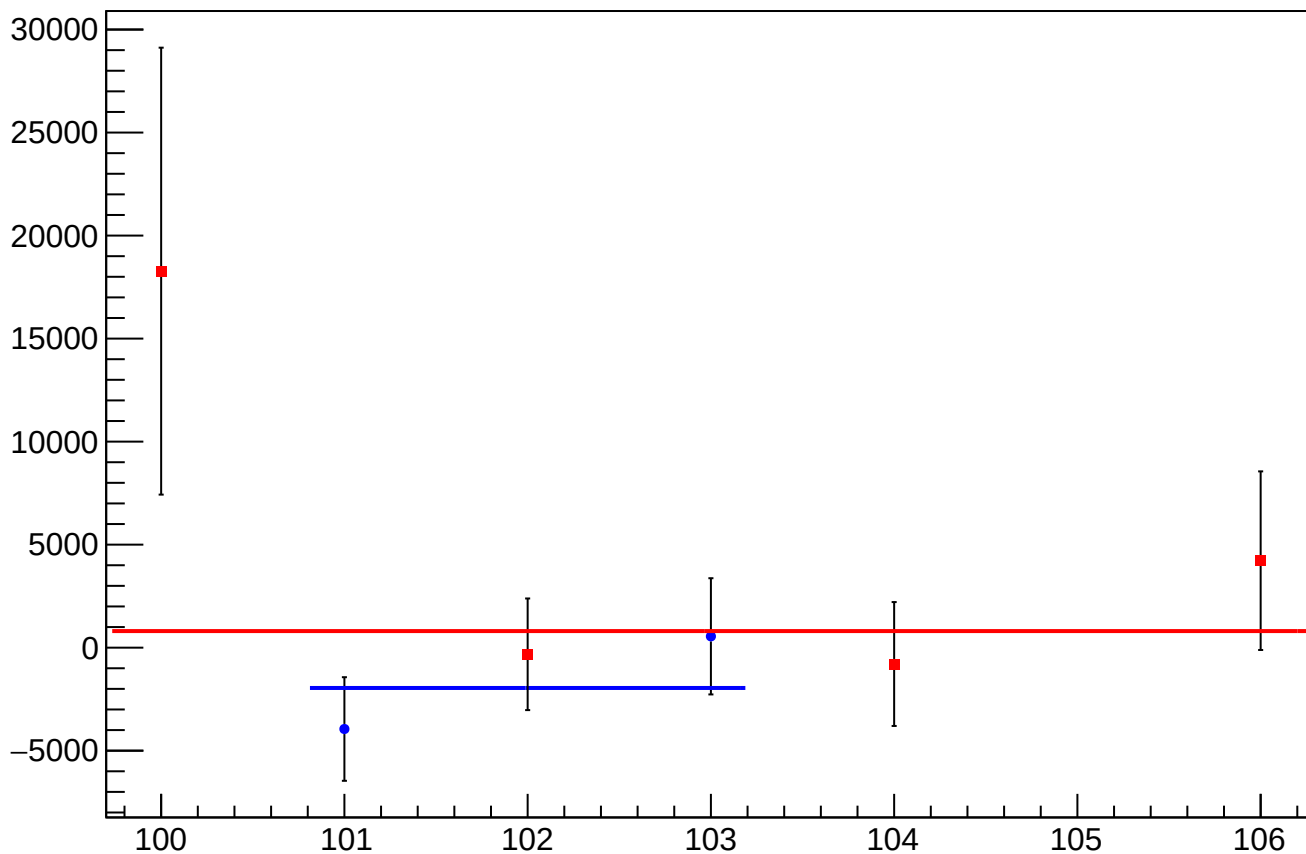
Right: 226.003 $\pm$ 0.097 χ^2 /NDF: 40363.1/5

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16623.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 226.003 $\pm$ 0.097 χ^2 /NDF: 40363.1/5

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1956.186+/-1876.659 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.084+/-1800.071 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

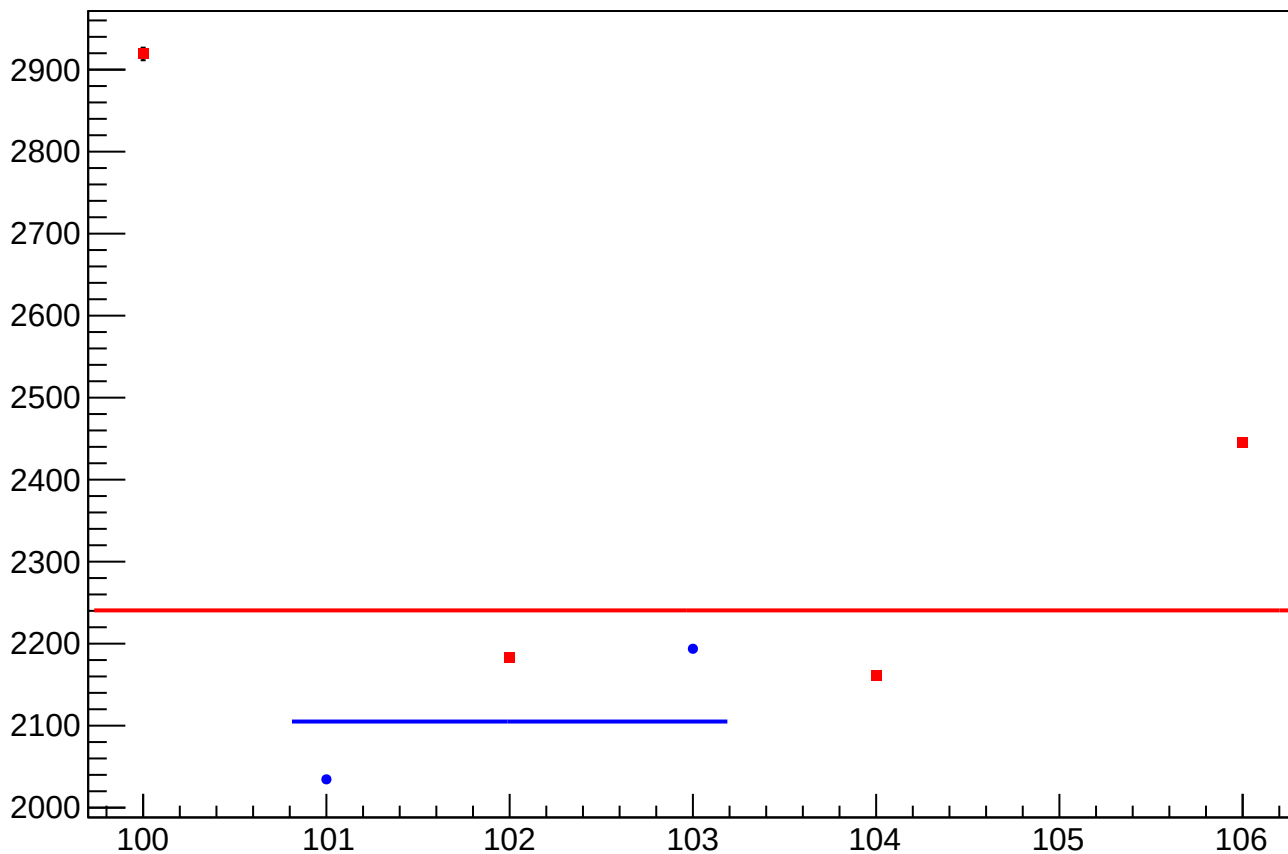
Right: -518.058+/-1299.075 χ^2/NDF : 6.2/5

In: -1956.186+/-1876.659 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.058+/-1299.075 χ^2/NDF : 6.2/5

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2105.035+/-1.327 χ^2/NDF : 3552.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2240.562+/-1.273 χ^2/NDF : 14574.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

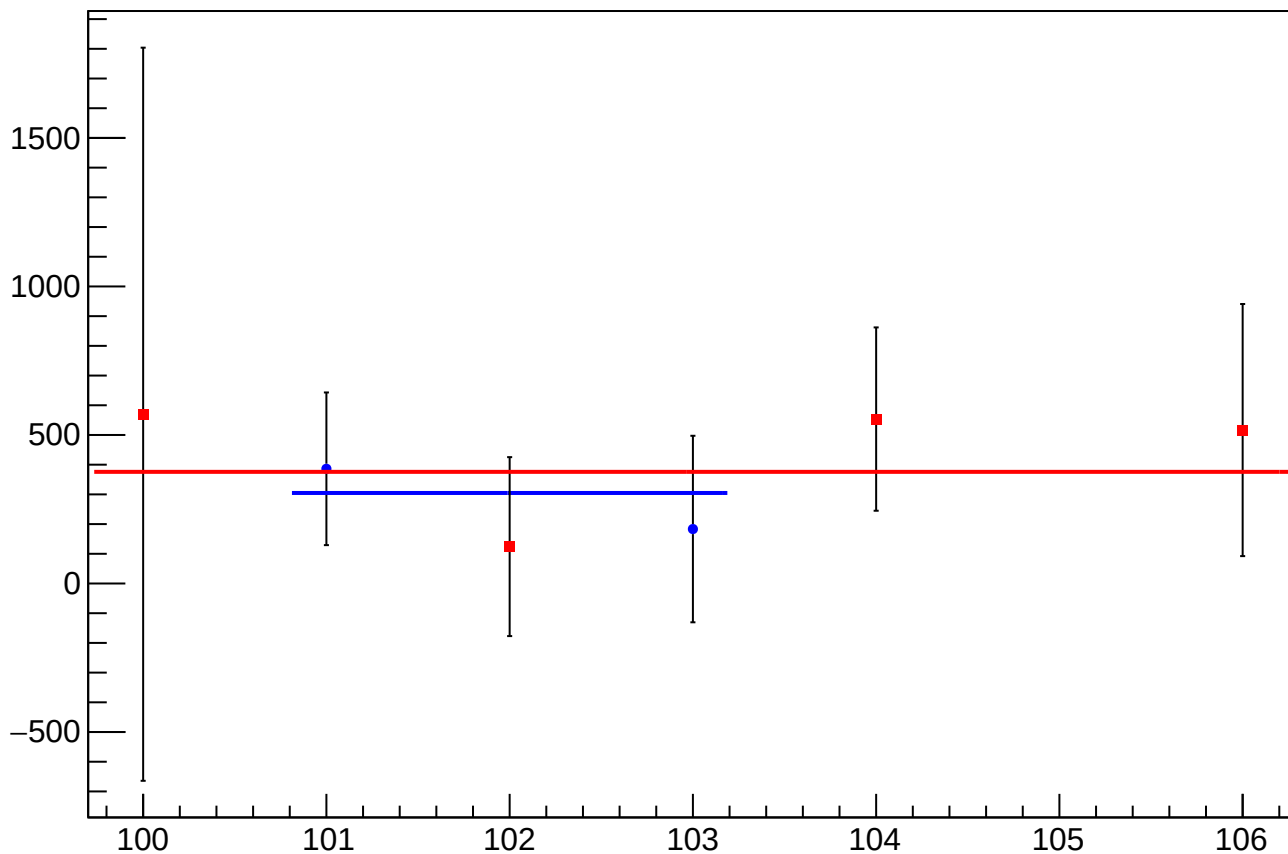
Right: 2175.621+/-0.919 χ^2/NDF : 23559.7/5

In: 2105.035+/-1.327 χ^2/NDF : 3552.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.621+/-0.919 χ^2/NDF : 23559.7/5

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771 $\pm$ 198.858 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 375.872 $\pm$ 189.886 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

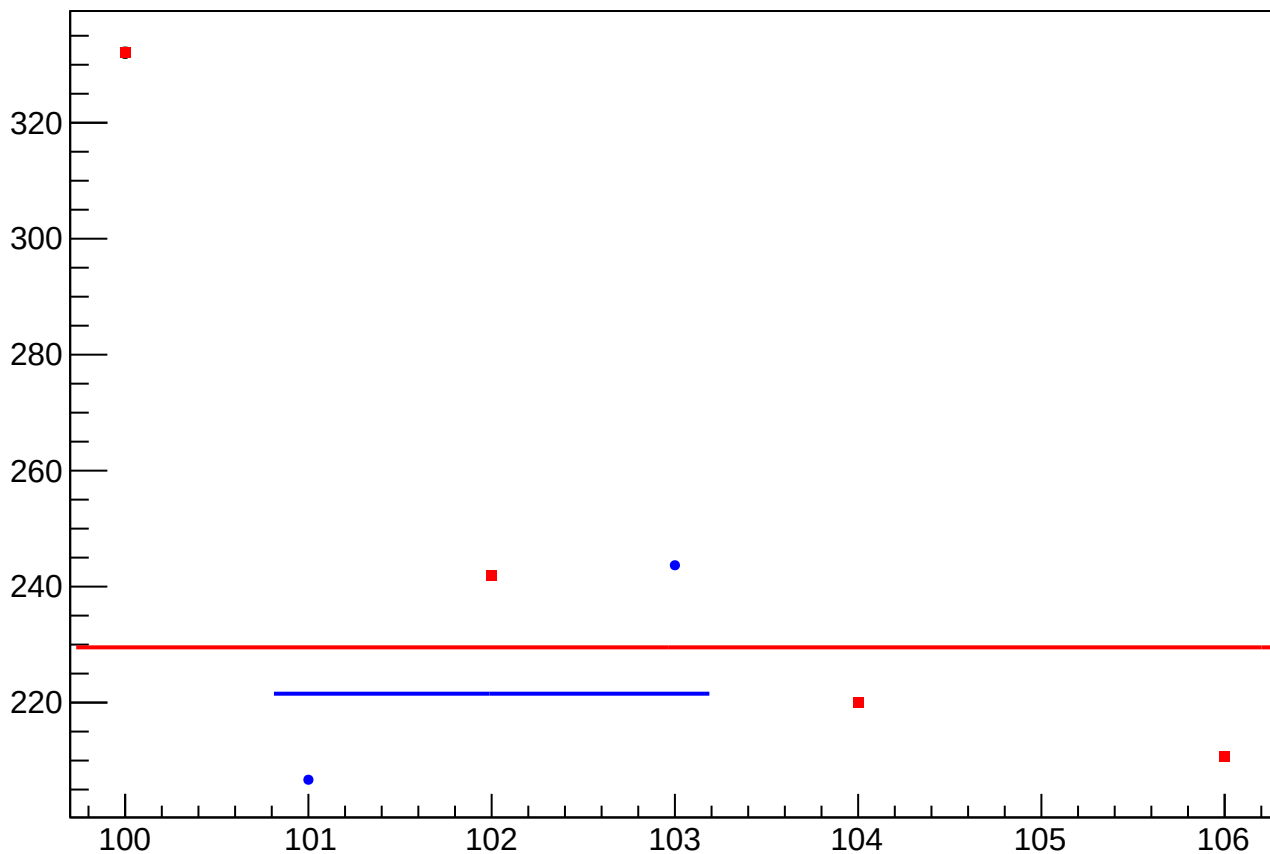
Right: 341.962 $\pm$ 137.332 χ^2 /NDF: 1.5/5

In: 304.771 $\pm$ 198.858 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 341.962 $\pm$ 137.332 χ^2 /NDF: 1.5/5

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16624.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 229.524 $\pm$ 0.134 χ^2 /NDF: 23061.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

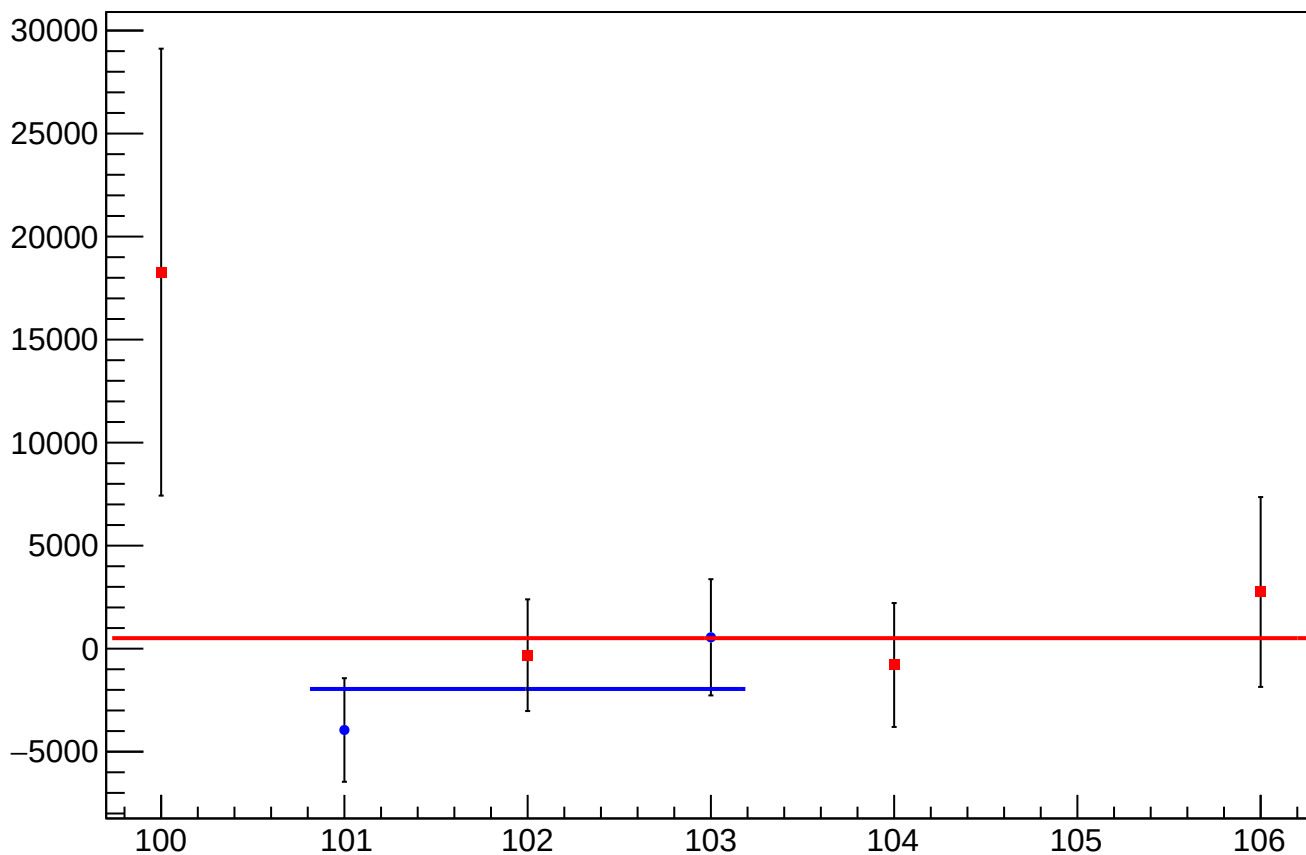
Right: 225.712 $\pm$ 0.097 χ^2 /NDF: 41375.5/5

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16624.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.712 $\pm$ 0.097 χ^2 /NDF: 41375.5/5

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.874+/-1818.702 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

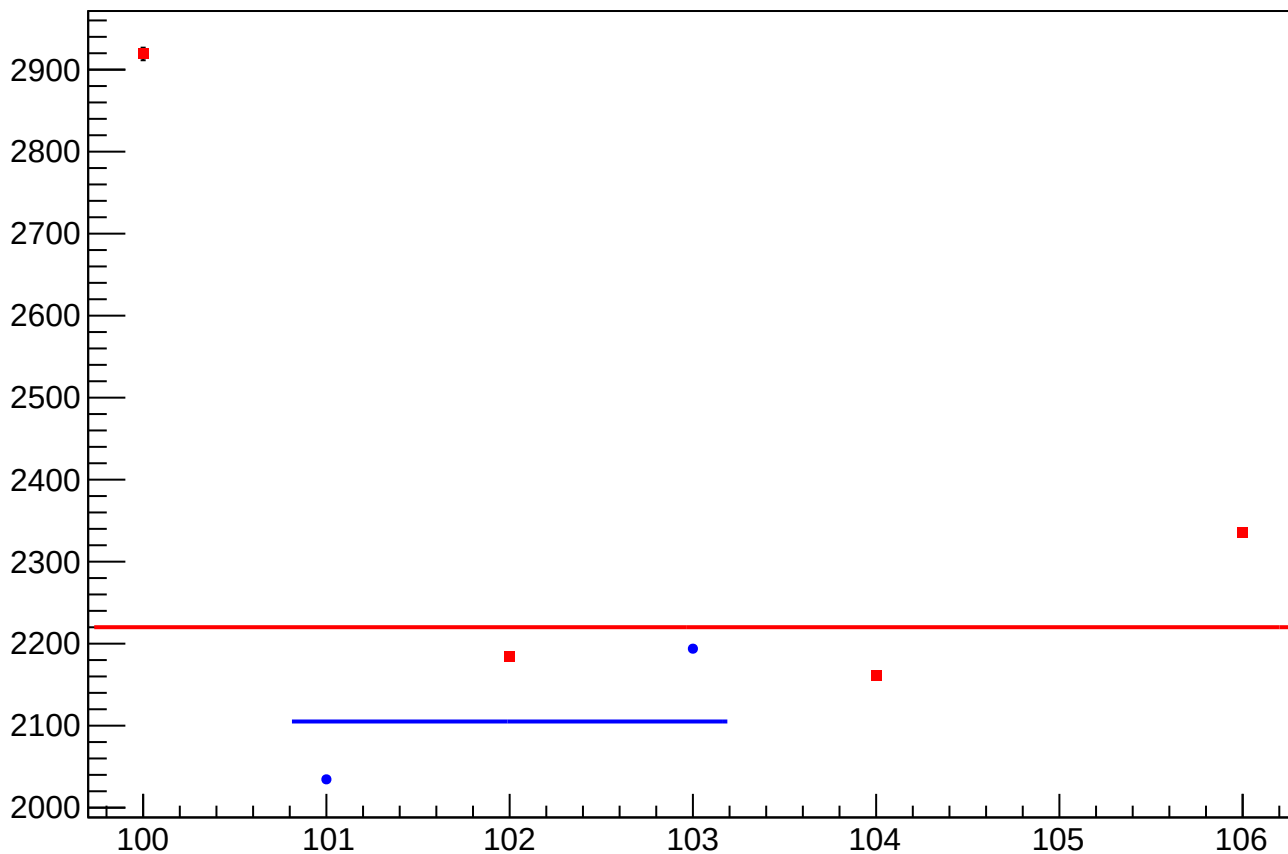
Right: -684.269+/-1306.040 χ^2/NDF : 5.5/5

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.269+/-1306.040 χ^2/NDF : 5.5/5

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2105.081 $\pm$ 1.327 χ^2 /NDF: 3556.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2220.073 $\pm$ 1.286 χ^2 /NDF: 10678.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

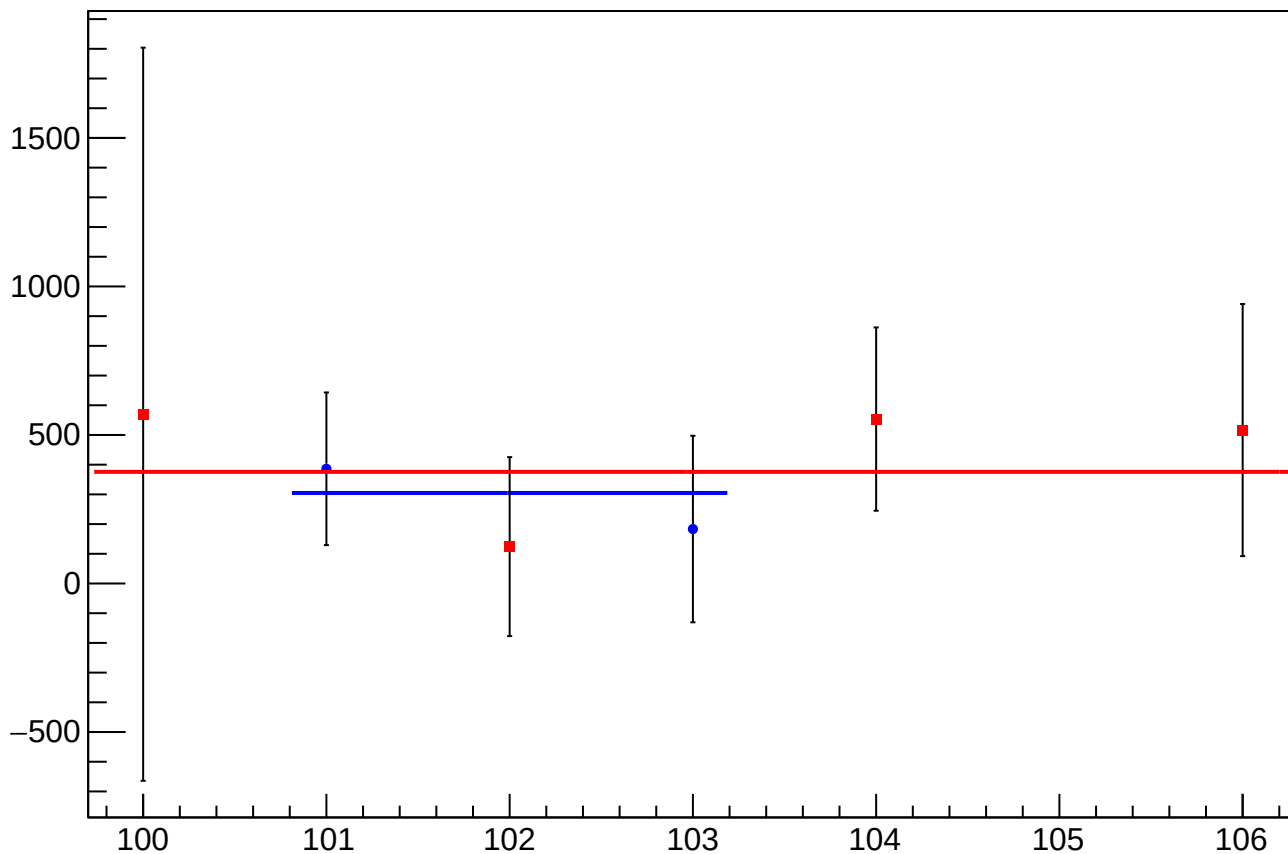
Right: 2164.382 $\pm$ 0.924 χ^2 /NDF: 18107.7/5

In: 2105.081 $\pm$ 1.327 χ^2 /NDF:3556.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2164.382 $\pm$ 0.924 χ^2 /NDF: 18107.7/5

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771 $\pm$ 198.858 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 375.872 $\pm$ 189.886 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

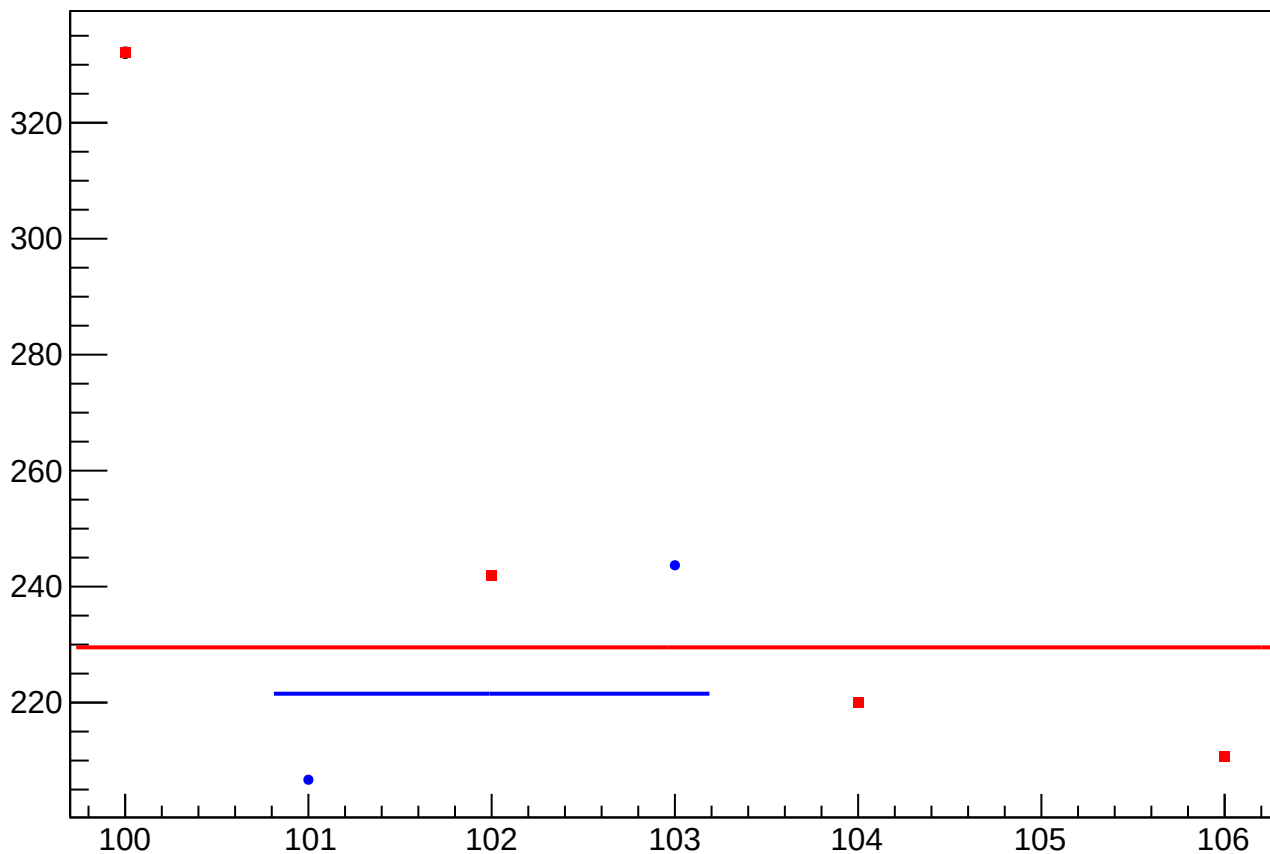
Right: 341.962 $\pm$ 137.332 χ^2 /NDF: 1.5/5

In: 304.771 $\pm$ 198.858 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 341.962 $\pm$ 137.332 χ^2 /NDF: 1.5/5

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532 $\pm$ 0.141 χ^2 /NDF: 16624.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 229.524 $\pm$ 0.134 χ^2 /NDF: 23061.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

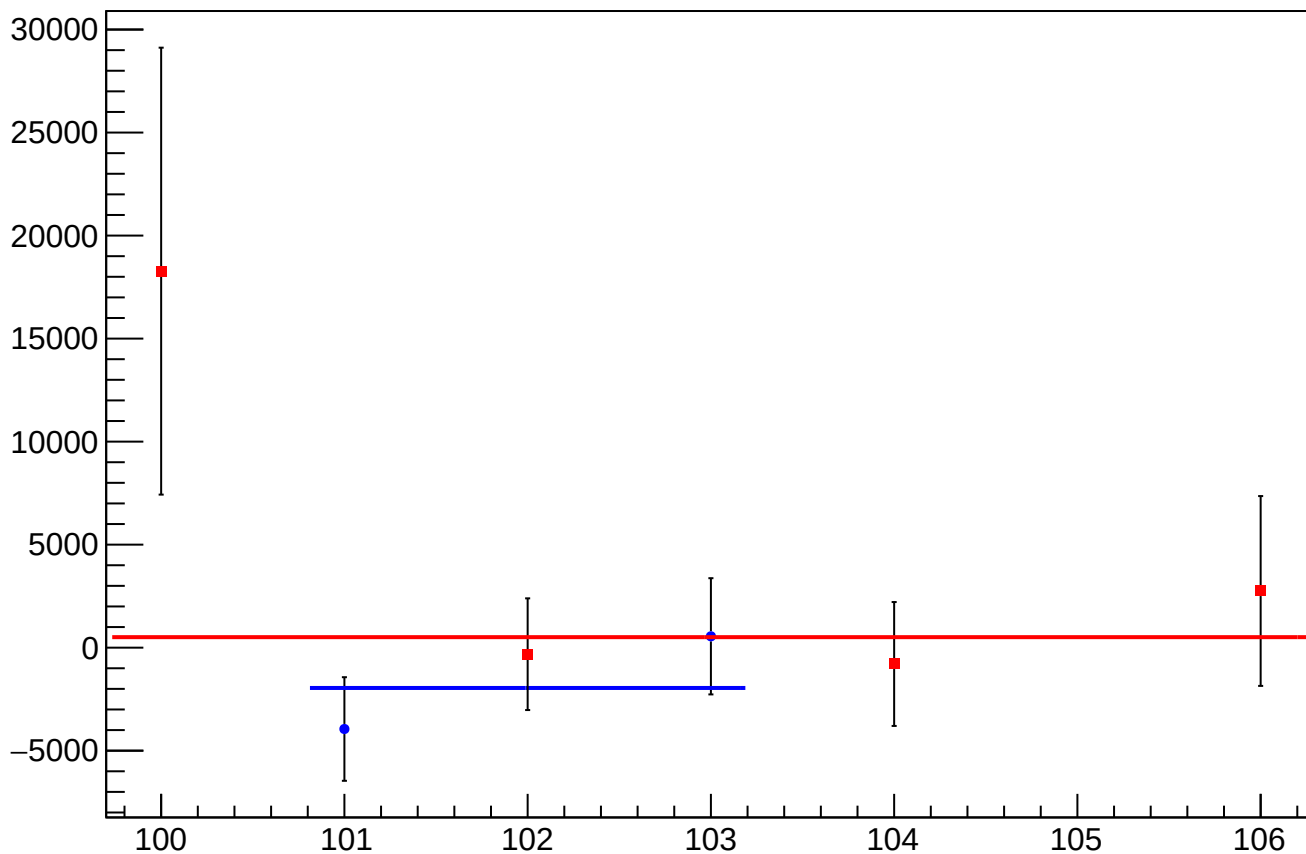
Right: 225.712 $\pm$ 0.097 χ^2 /NDF: 41375.5/5

In: 221.532 $\pm$ 0.141 χ^2 /NDF:16624.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 225.712 $\pm$ 0.097 χ^2 /NDF: 41375.5/5

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.874+/-1818.702 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

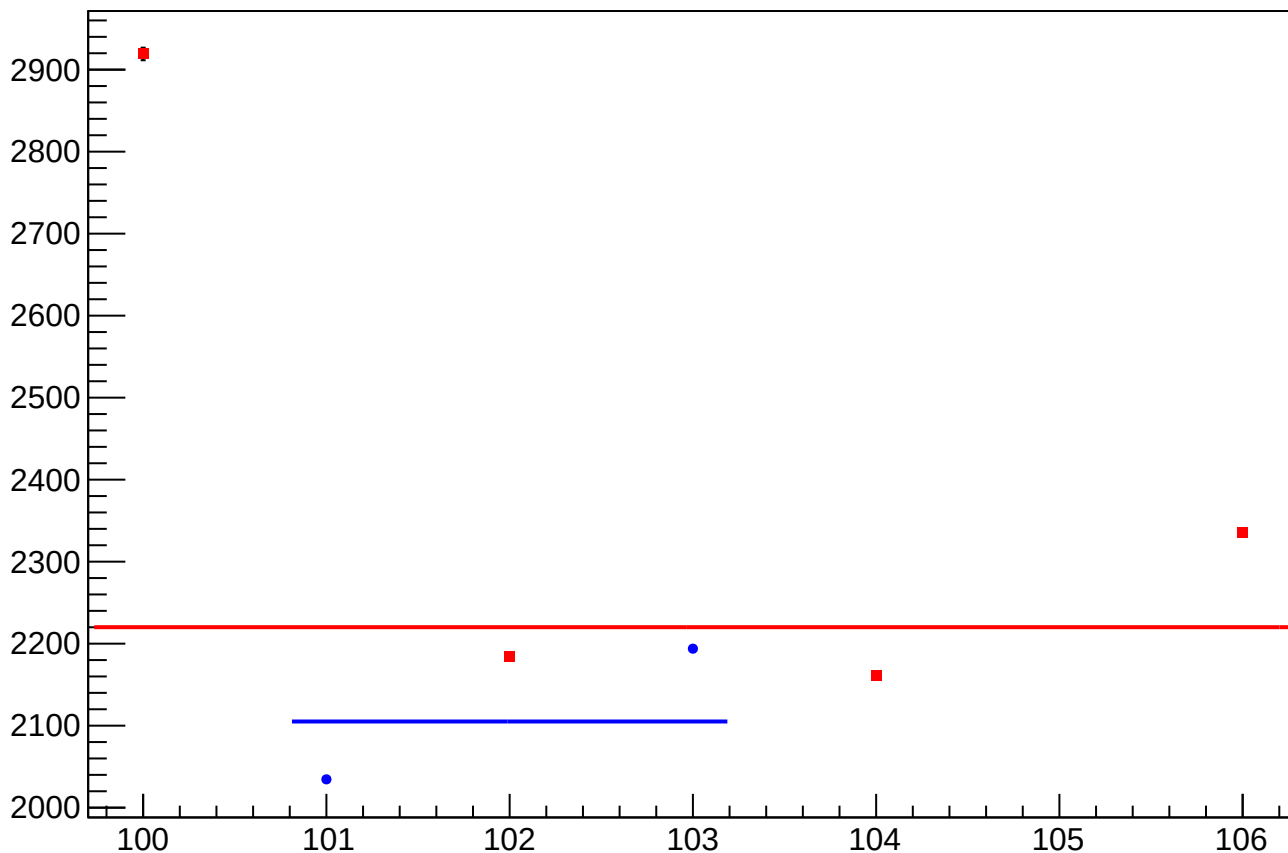
Right: -684.269+/-1306.040 χ^2/NDF : 5.5/5

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -684.269+/-1306.040 χ^2/NDF : 5.5/5

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2220.073+/-1.286 χ^2/NDF : 10678.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

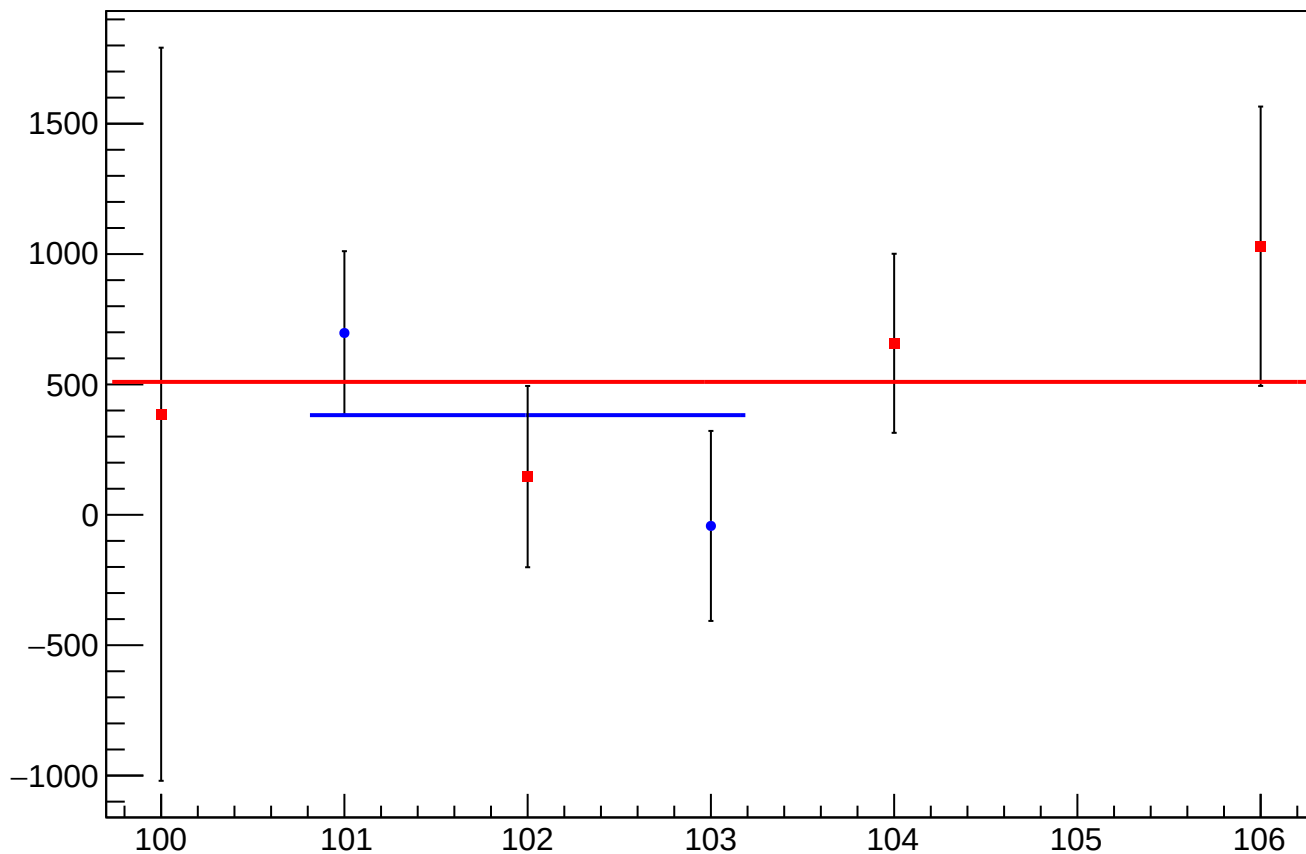
Right: 2164.382+/-0.924 χ^2/NDF : 18107.7/5

In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.382+/-0.924 χ^2/NDF : 18107.7/5

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 382.263+/-237.751 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.776+/-219.537 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

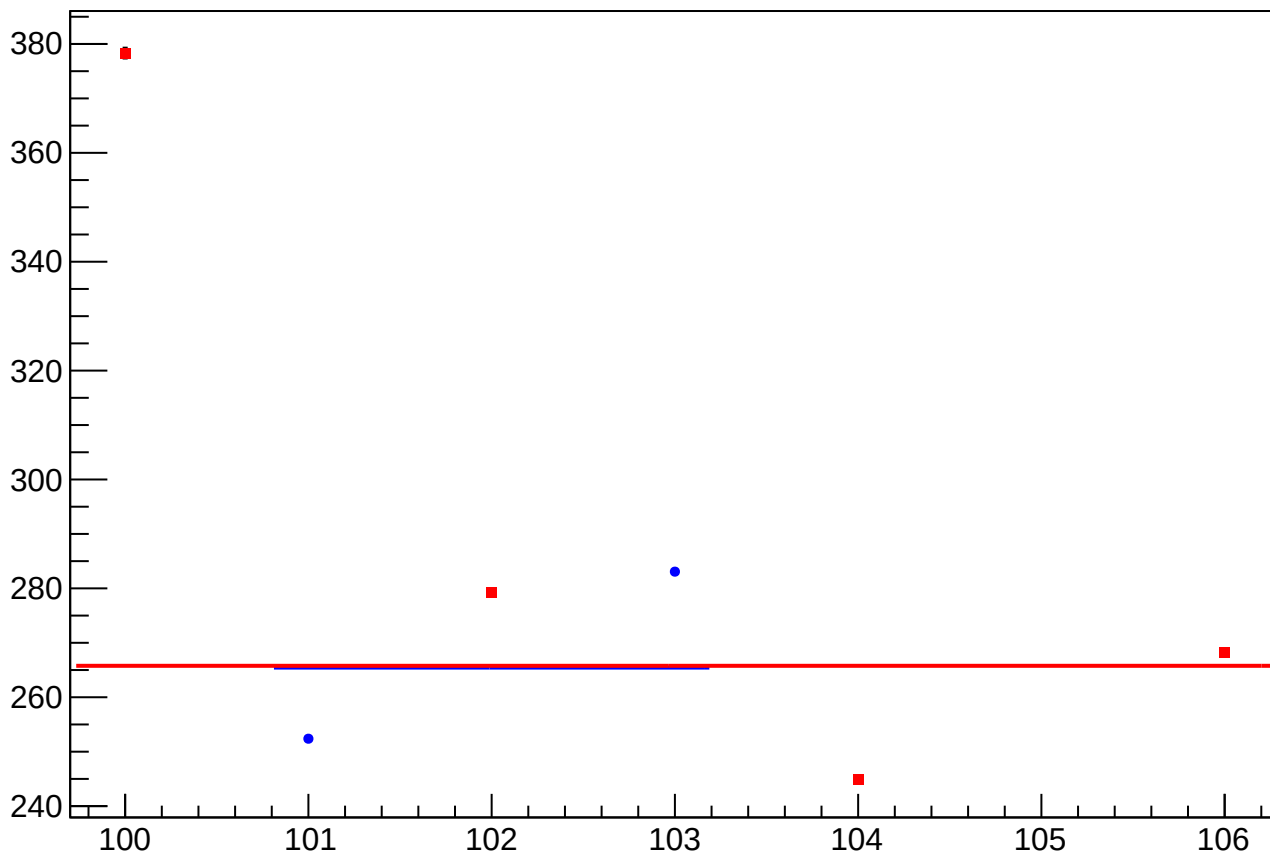
Right: 451.090+/-161.291 χ^2/NDF : 4.8/5

In: 382.263+/-237.751 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.090+/-161.291 χ^2/NDF : 4.8/5

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 265.450+/-0.168 χ^2/NDF : 8146.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.775+/-0.155 χ^2/NDF : 23265.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

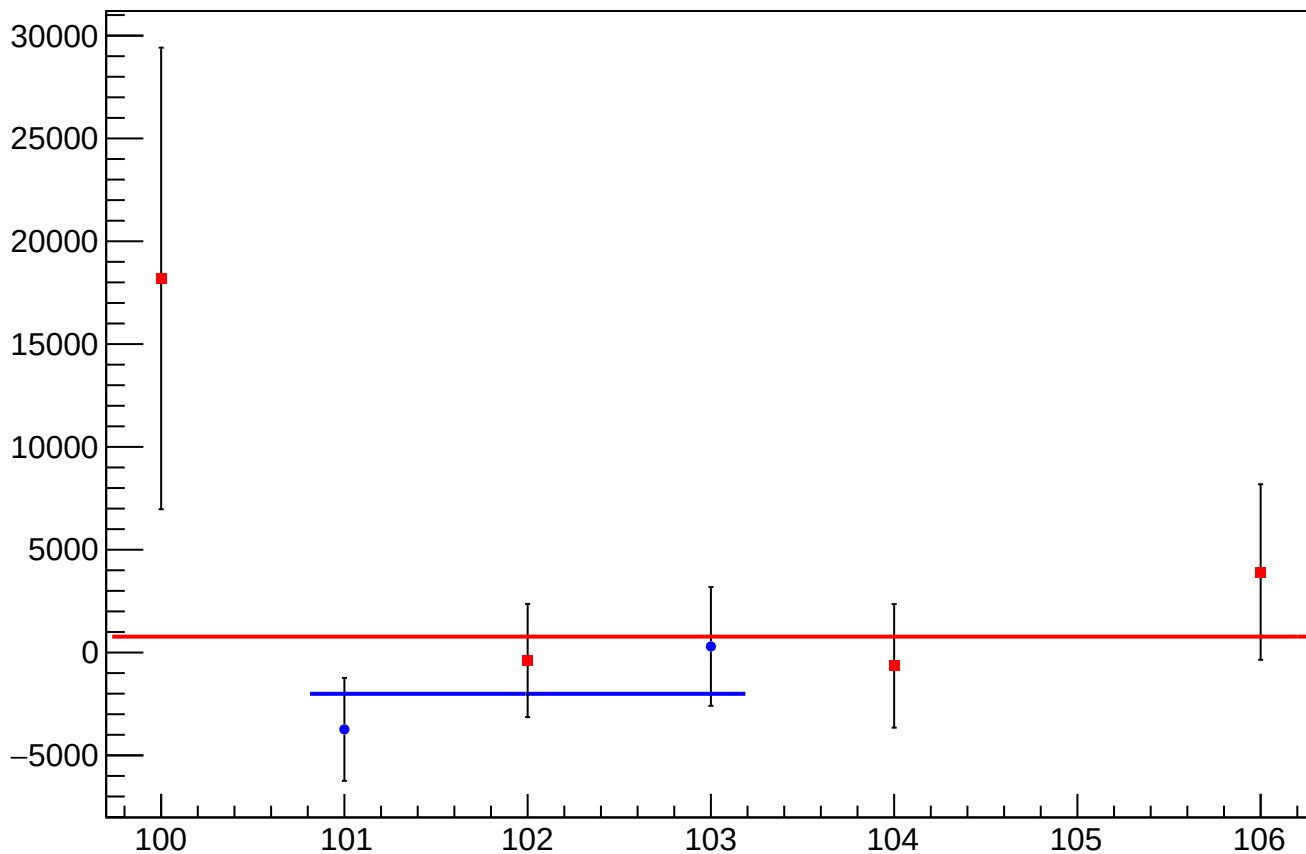
Right: 265.625+/-0.114 χ^2/NDF : 31413.7/5

In: 265.450+/-0.168 χ^2/NDF : 8146.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.625+/-0.114 χ^2/NDF : 31413.7/5

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.927 $\pm$ 1890.700 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 773.862 $\pm$ 1809.227 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

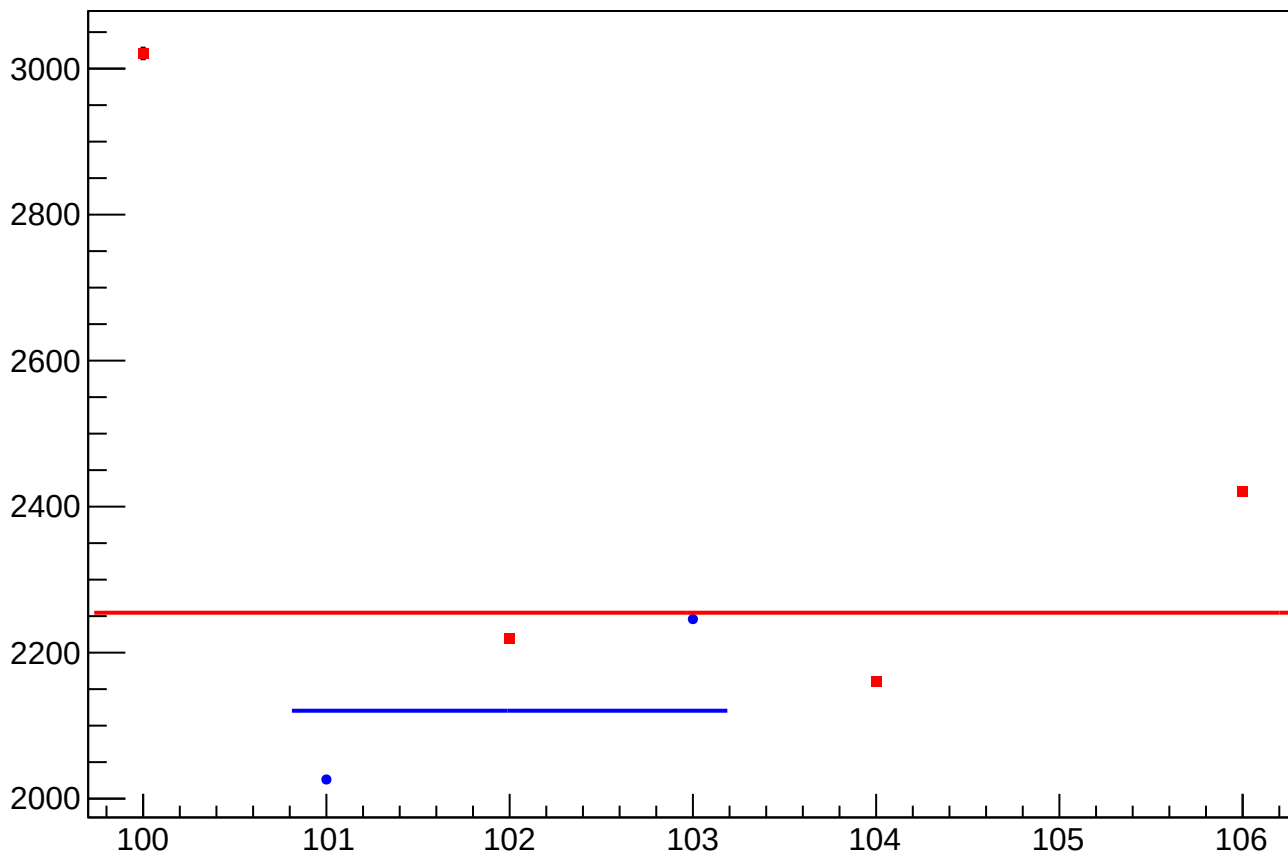
Right: -555.329 $\pm$ 1307.171 χ^2 /NDF: 5.6/5

In: -2006.927 $\pm$ 1890.700 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -555.329 $\pm$ 1307.171 χ^2 /NDF: 5.6/5

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2120.437+/-1.337 χ^2/NDF : 6615.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2254.696+/-1.279 χ^2/NDF : 14680.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

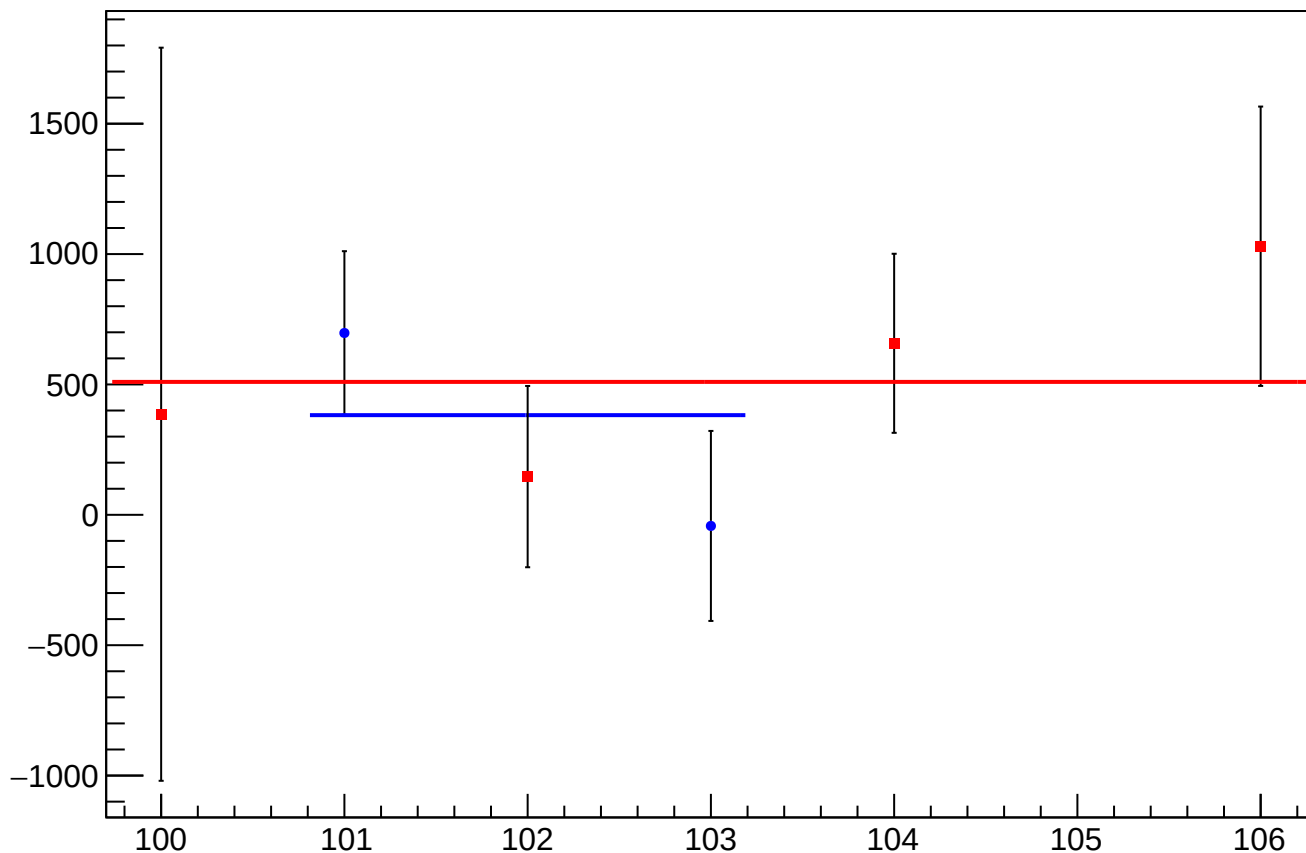
Right: 2190.521+/-0.924 χ^2/NDF : 26560.5/5

In: 2120.437+/-1.337 χ^2/NDF : 6615.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.521+/-0.924 χ^2/NDF : 26560.5/5

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 382.258+/-237.750 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.780+/-219.536 χ^2/NDF : 2.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

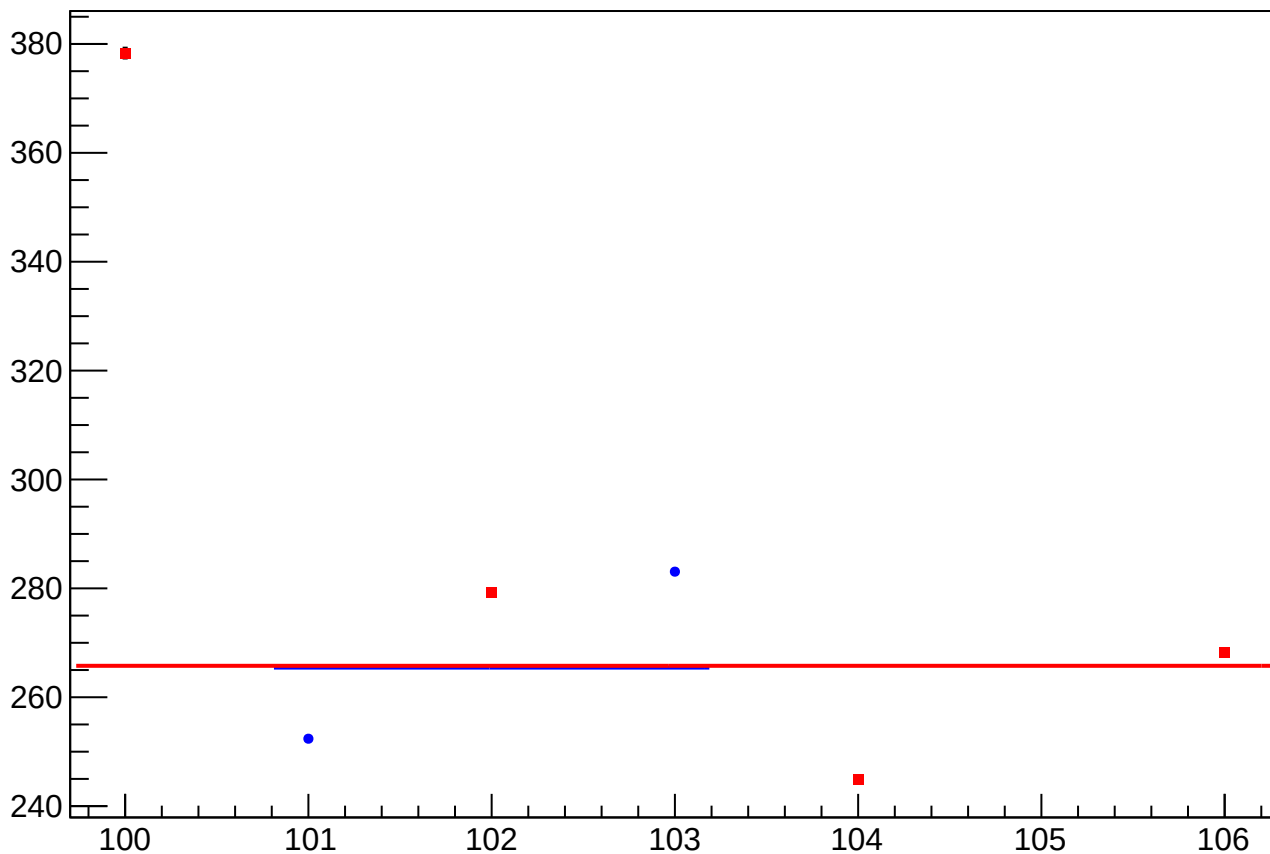
Right: 451.091+/-161.291 χ^2/NDF : 4.8/5

In: 382.258+/-237.750 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.091+/-161.291 χ^2/NDF : 4.8/5

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 265.449+/-0.168 χ^2/NDF : 8145.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.774+/-0.155 χ^2/NDF : 23264.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

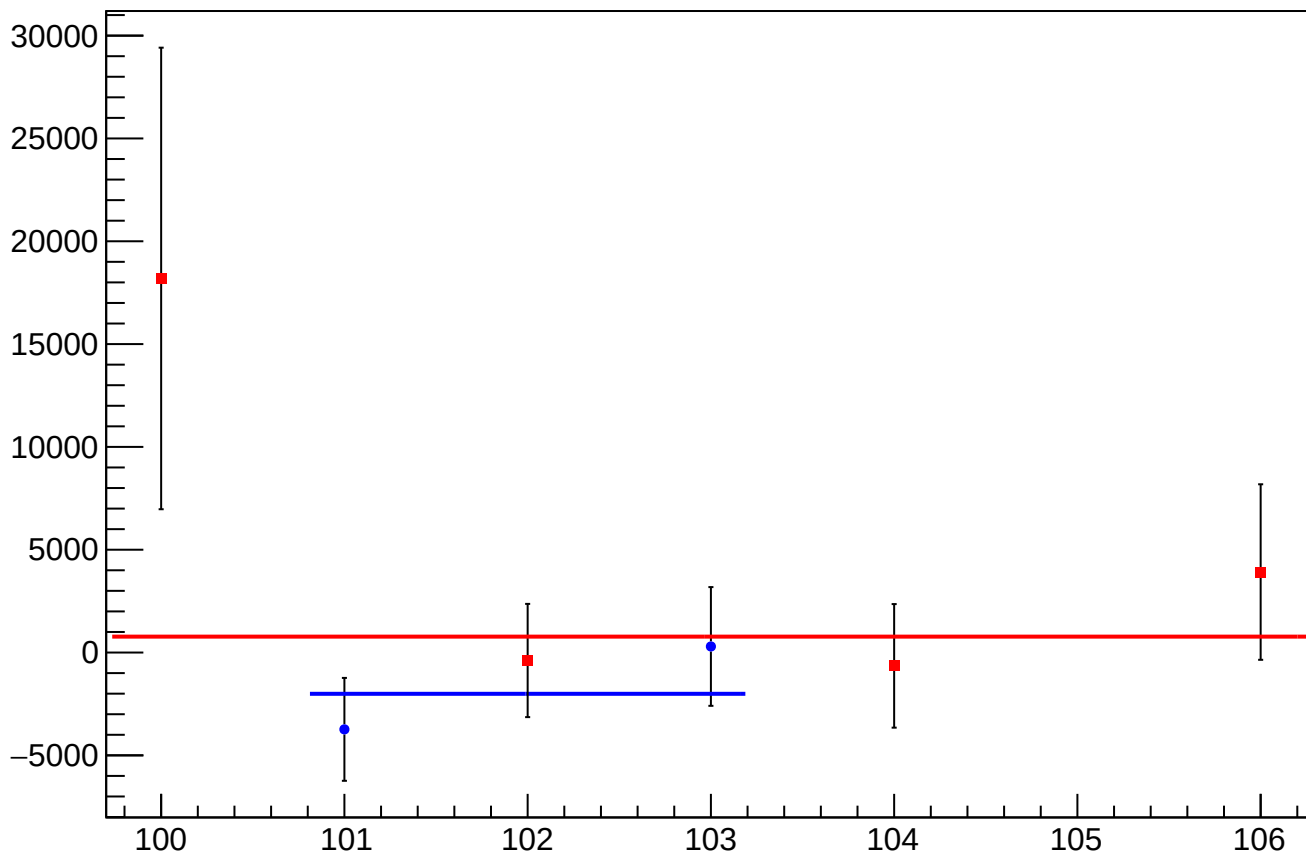
Right: 265.625+/-0.114 χ^2/NDF : 31412.1/5

In: 265.449+/-0.168 χ^2/NDF : 8145.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.625+/-0.114 χ^2/NDF : 31412.1/5

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.925 $\pm$ 1890.697 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 773.857 $\pm$ 1809.222 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

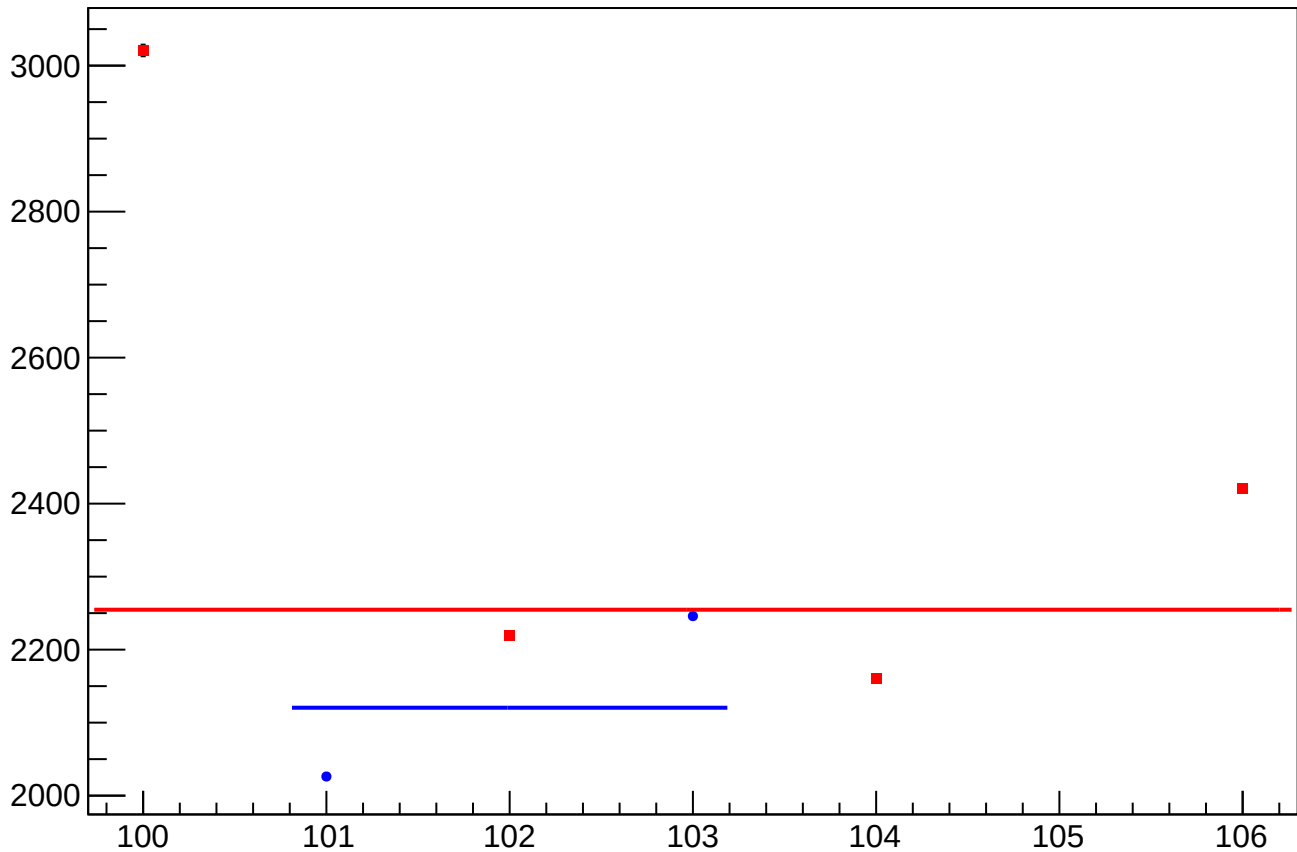
Right: -555.329 $\pm$ 1307.168 χ^2 /NDF: 5.6/5

In: -2006.925 $\pm$ 1890.697 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -555.329 $\pm$ 1307.168 χ^2 /NDF: 5.6/5

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2120.433+/-1.337 χ^2/NDF : 6615.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2254.690+/-1.279 χ^2/NDF : 14680.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

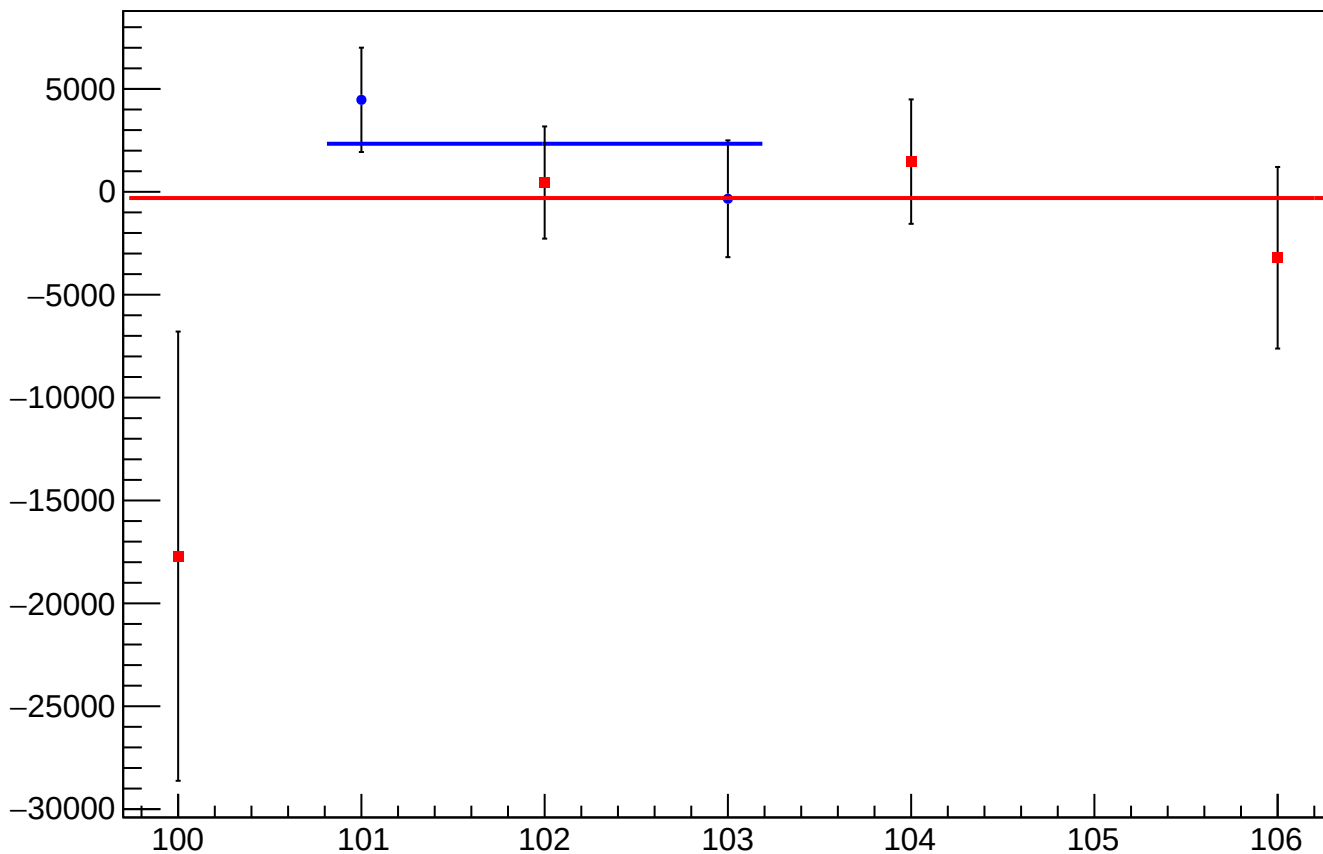
Right: 2190.516+/-0.924 χ^2/NDF : 26560.3/5

In: 2120.433+/-1.337 χ^2/NDF : 6615.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.516+/-0.924 χ^2/NDF : 26560.3/5

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 2335.962+/-1890.730 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.482+/-1814.518 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

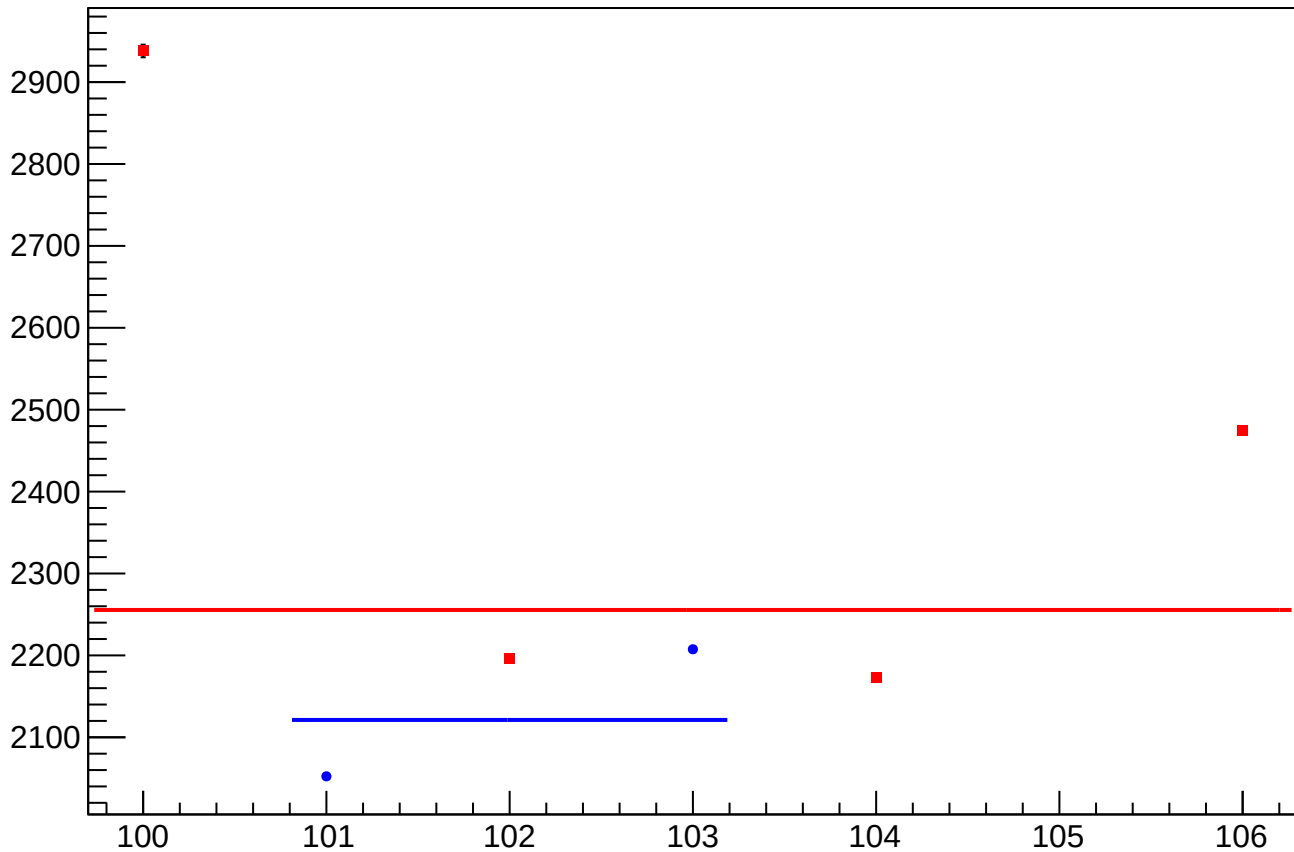
Right: 962.493+/-1309.172 χ^2/NDF : 6.0/5

In: 2335.962+/-1890.730 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.493+/-1309.172 χ^2/NDF : 6.0/5

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2121.200+/-1.337 χ^2/NDF : 3323.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2255.483+/-1.283 χ^2/NDF : 15142.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

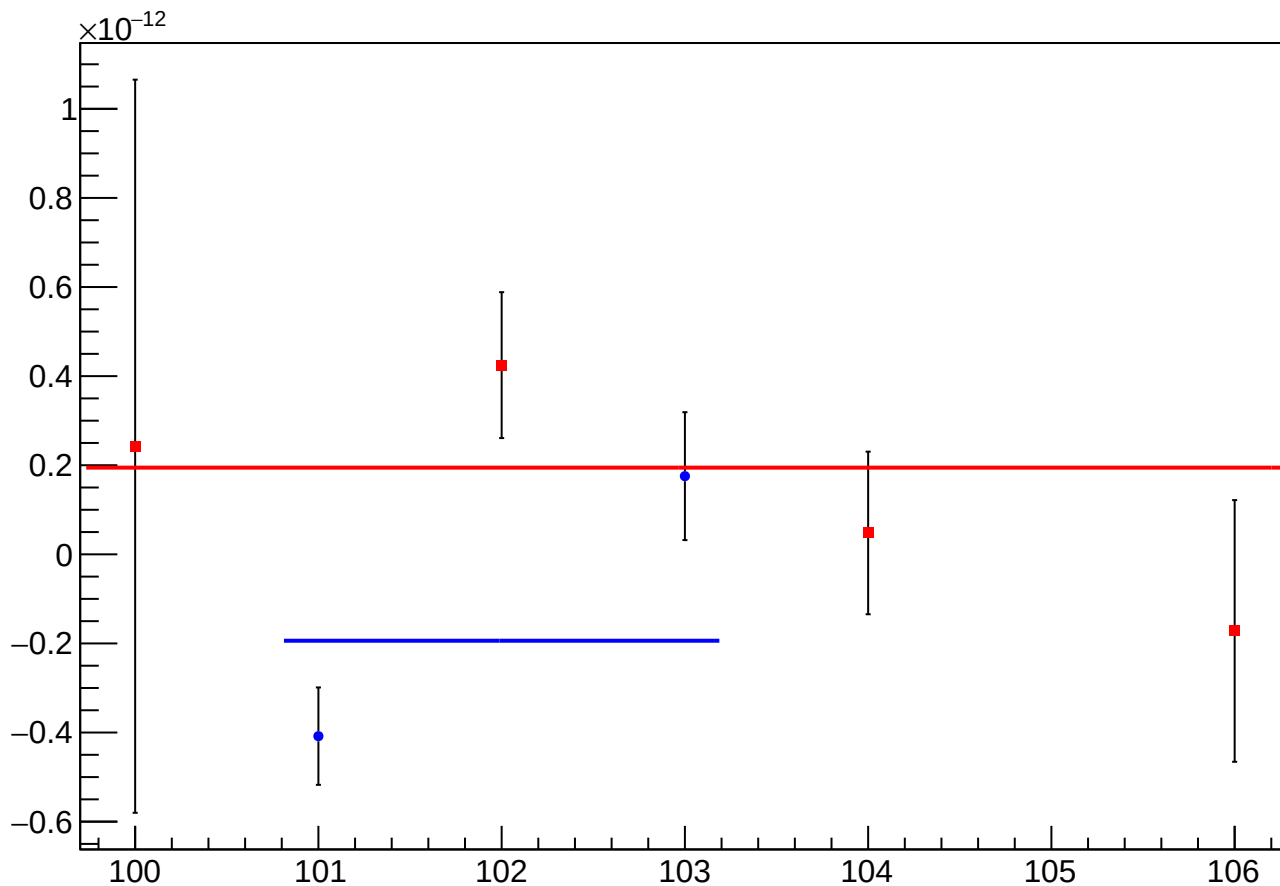
Right: 2191.102+/-0.926 χ^2/NDF : 23718.2/5

In: 2121.200+/-1.337 χ^2/NDF : 3323.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2191.102+/-0.926 χ^2/NDF : 23718.2/5

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

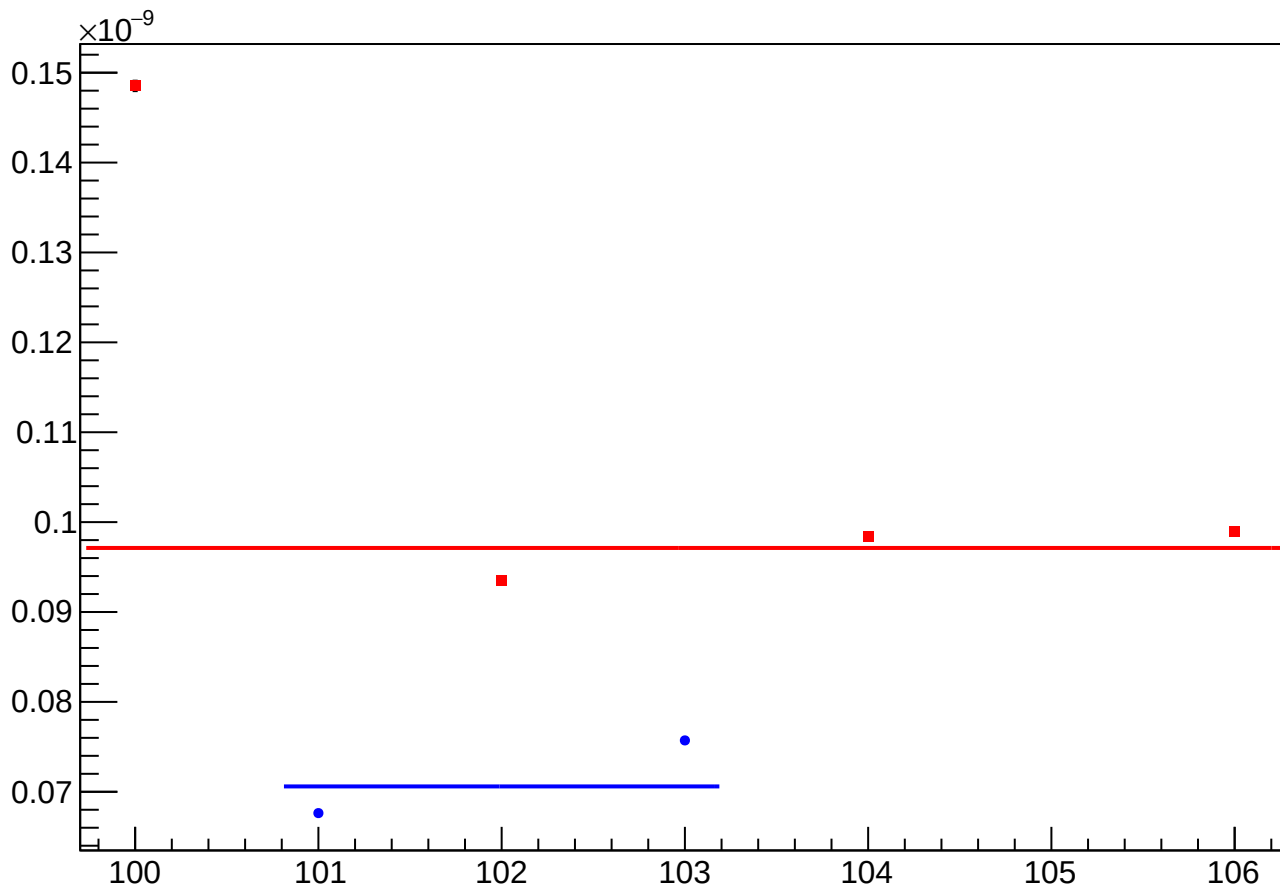
Right: -0.000+/-0.000 χ^2/NDF : 22.2/5

In: -0.000+/-0.000 χ^2/NDF : 10.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.2/5

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4017.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8944.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

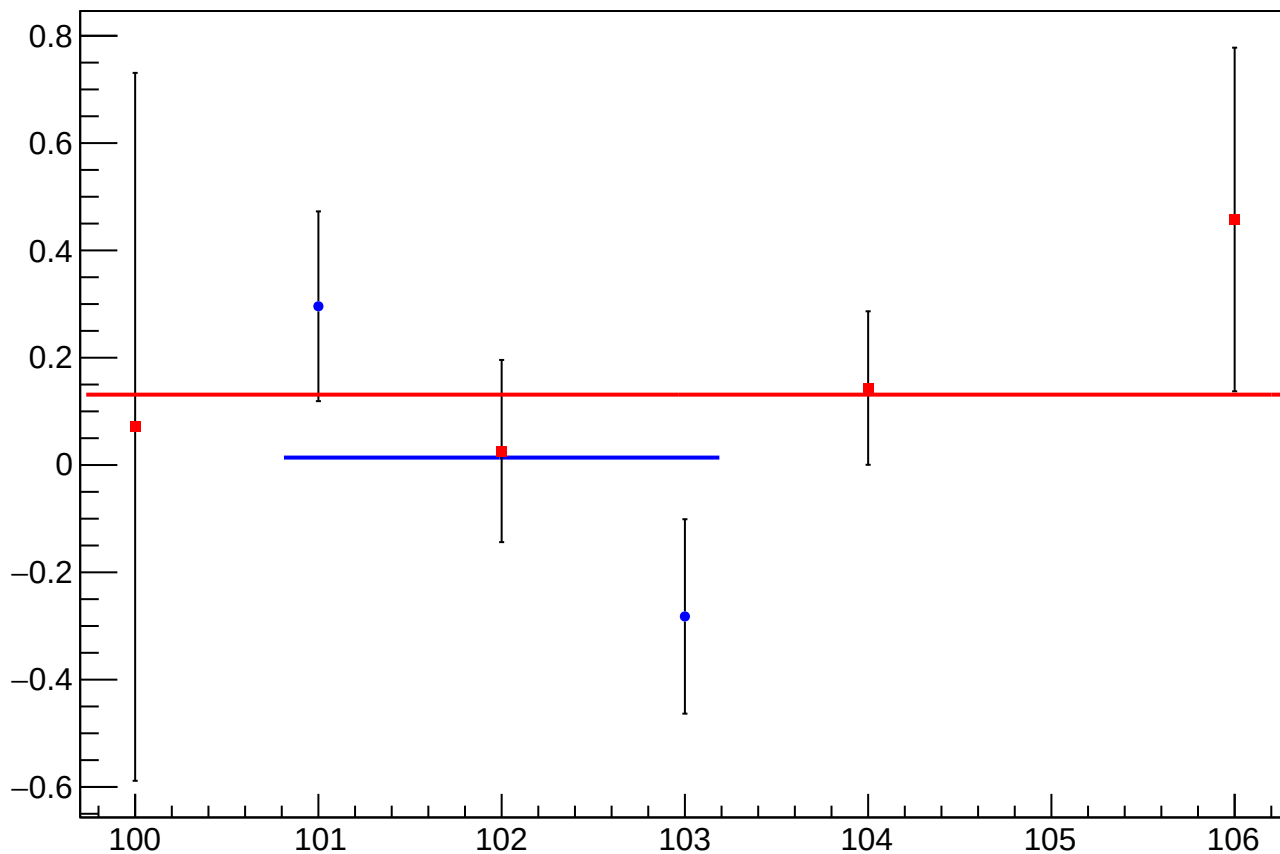
Right: 0.000+/-0.000 χ^2/NDF : 83336.6/5

In: 0.000+/-0.000 χ^2/NDF : 4017.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 83336.6/5

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.131 $\pm$ 0.102 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

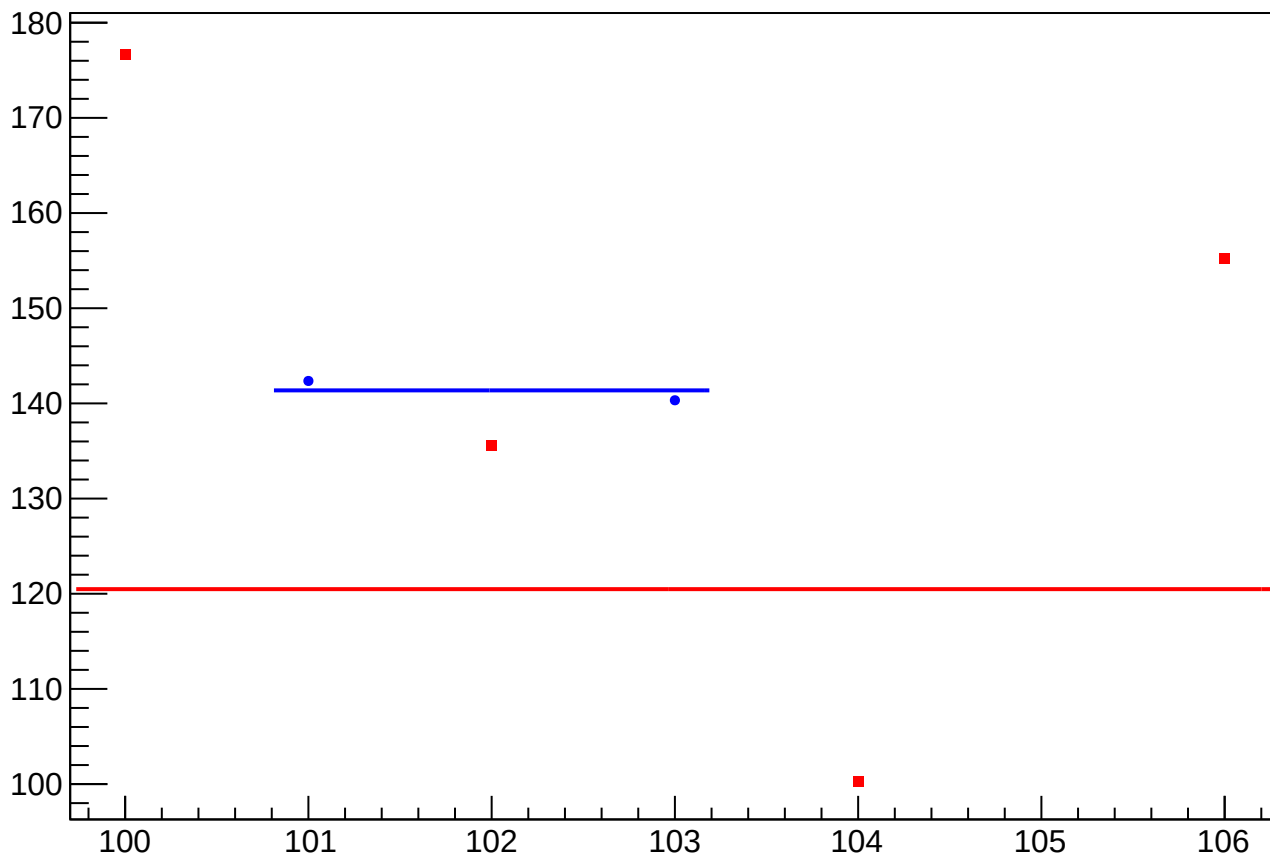
Right: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

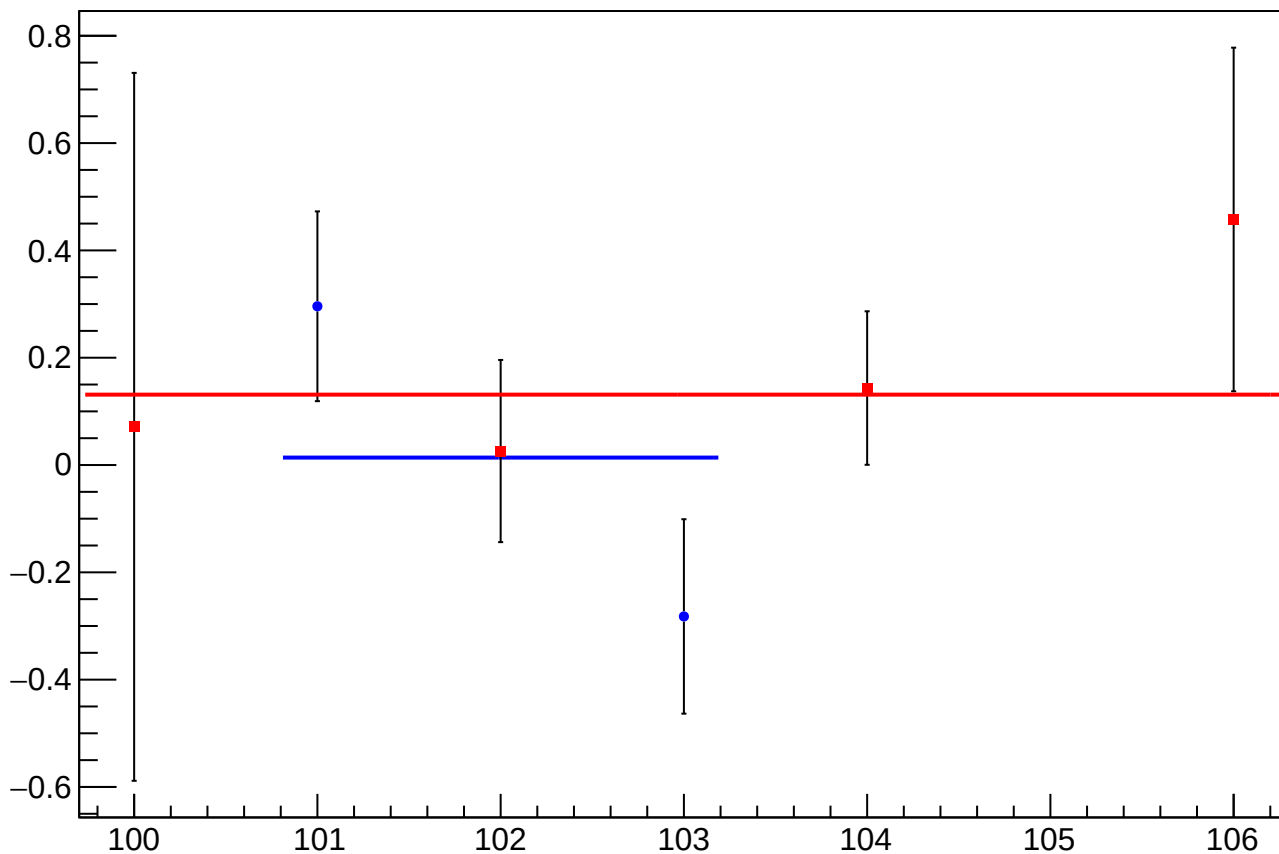
asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.368 ± 0.089 $\chi^2/\text{NDF}: 128.6/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 120.483 ± 0.072 $\chi^2/\text{NDF}: 93774.8/3$
 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: 128.734 ± 0.056 $\chi^2/\text{NDF}: 126854.1/5$
 In: 141.368 ± 0.089 $\chi^2/\text{NDF}: 128.6/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 128.734 ± 0.056 $\chi^2/\text{NDF}: 126854.1/5$

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.131 $\pm$ 0.102 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

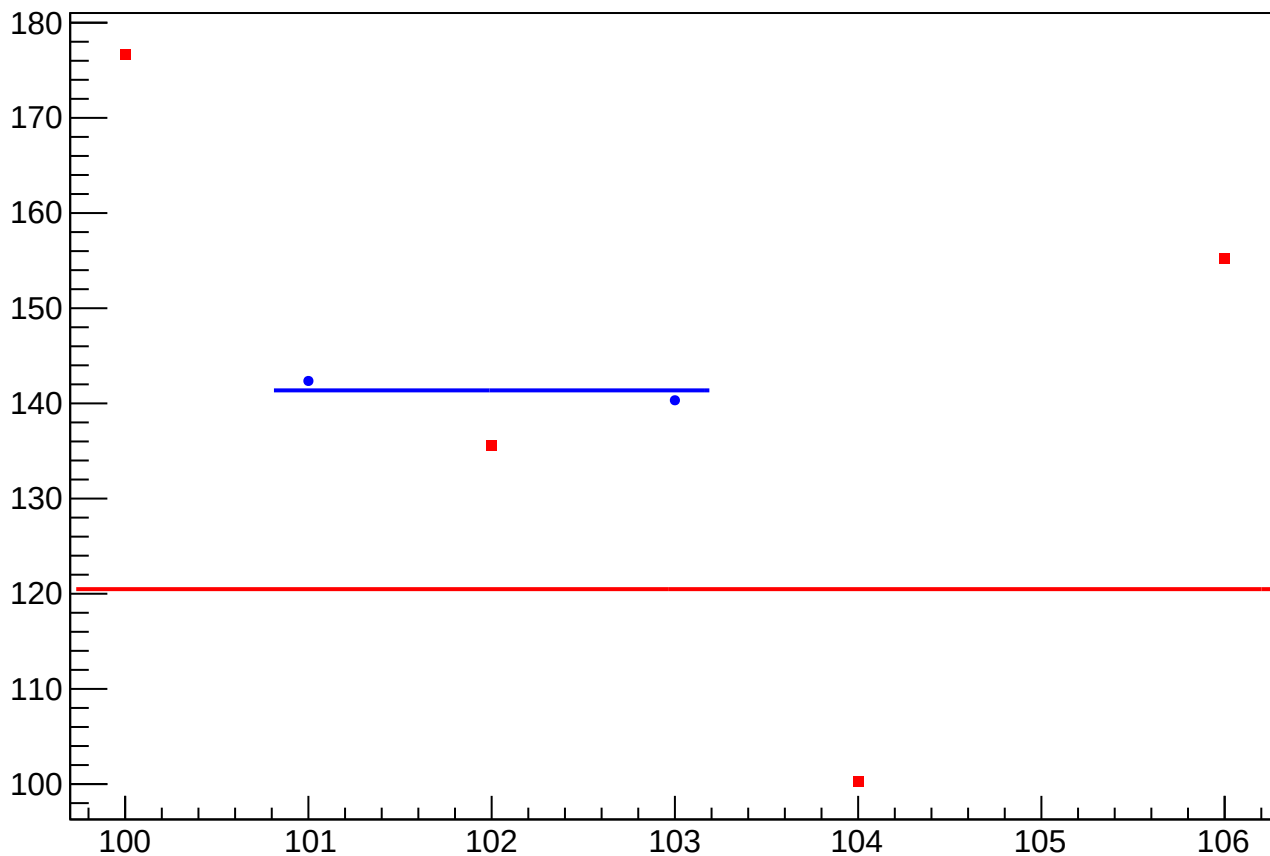
Right: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.368 ± 0.089 χ^2/NDF : 128.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 120.483 ± 0.072 χ^2/NDF : 93774.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

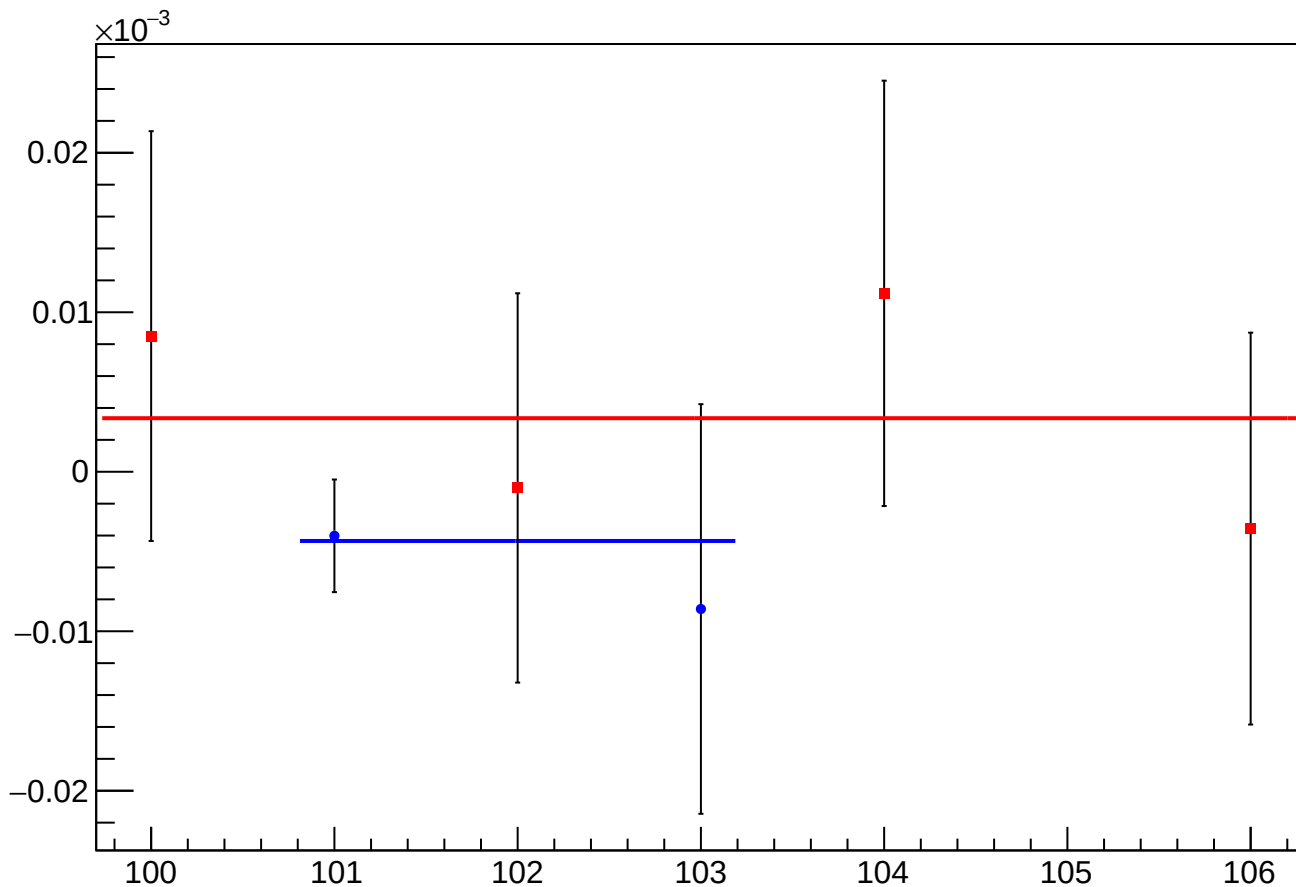
Right: 128.734 ± 0.056 χ^2/NDF : 126854.1/5

In: 141.368 ± 0.089 χ^2/NDF : 128.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.734 ± 0.056 χ^2/NDF : 126854.1/5

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

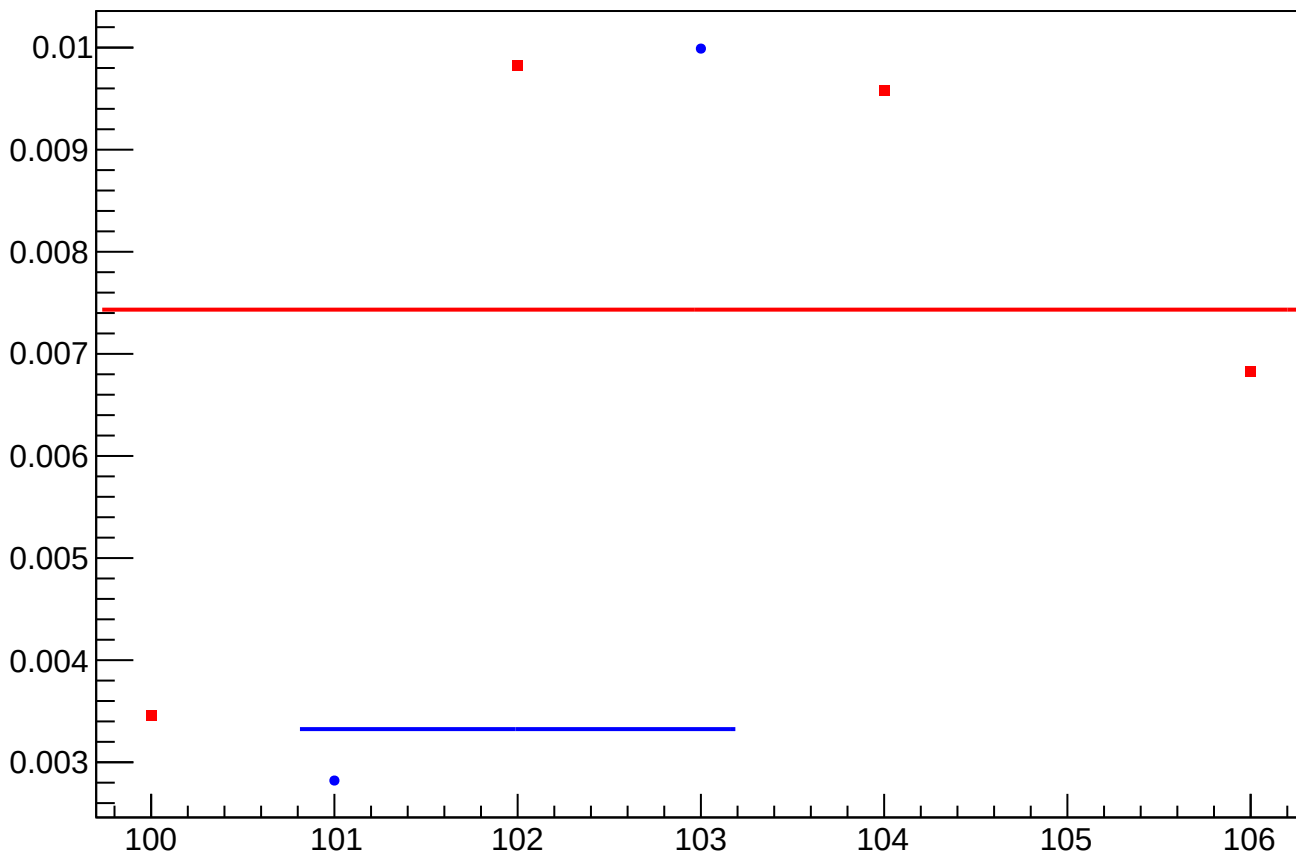
Right: -0.000+/-0.000 χ^2/NDF : 2.2/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.2/5

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 579565.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 324921.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

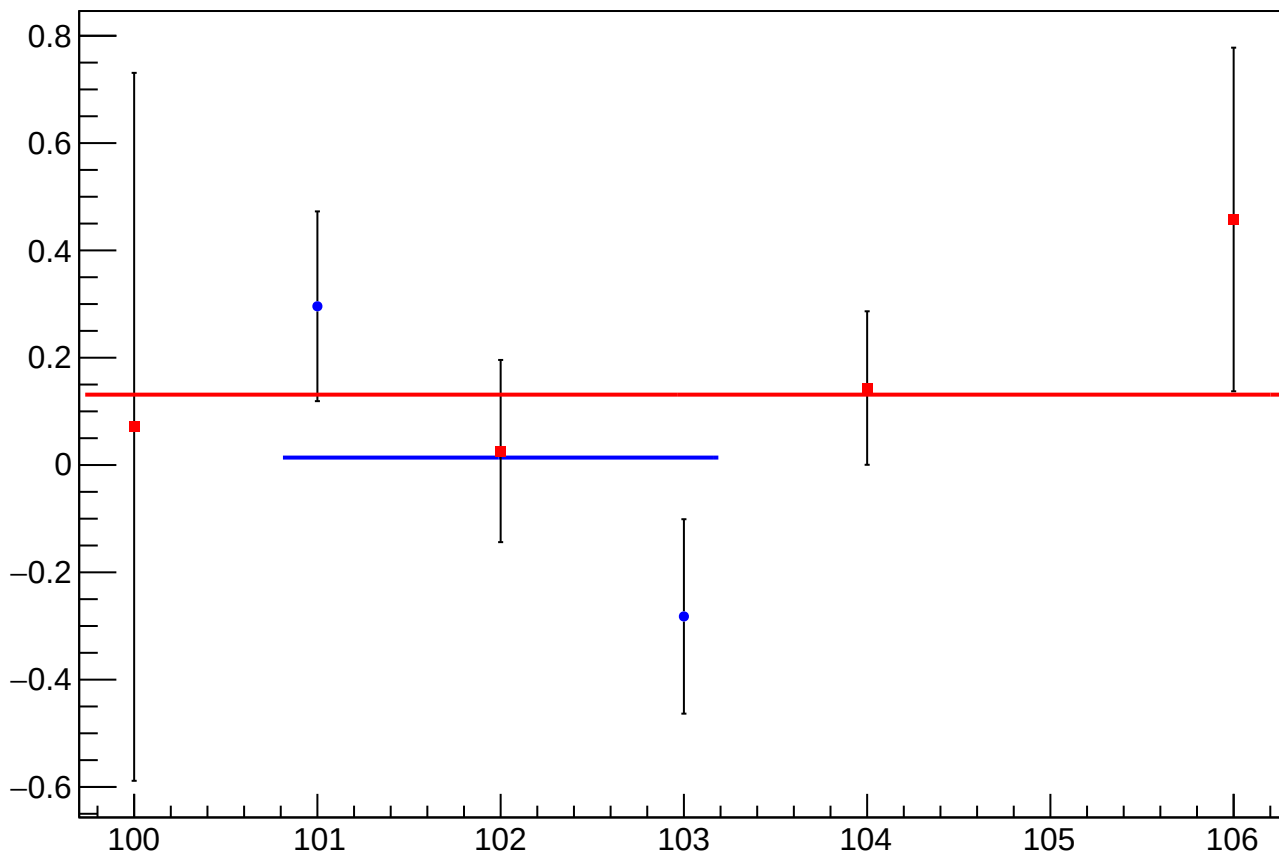
Right: 0.004+/-0.000 χ^2/NDF : 1559344.0/5

In: 0.003+/-0.000 χ^2/NDF :579565.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1559344.0/5

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.131 $\pm$ 0.102 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

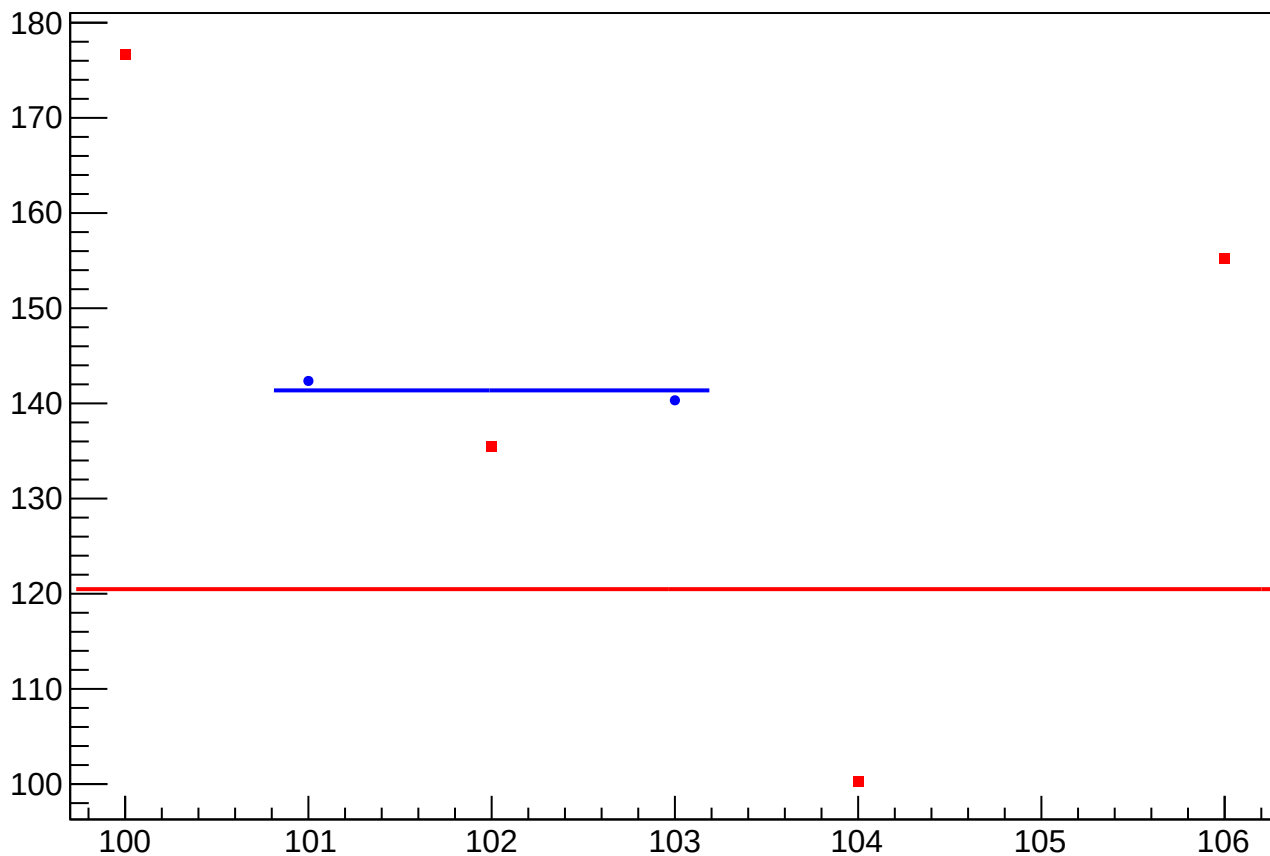
Right: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.366 ± 0.089 χ^2/NDF : 129.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 120.482 ± 0.072 χ^2/NDF : 93770.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

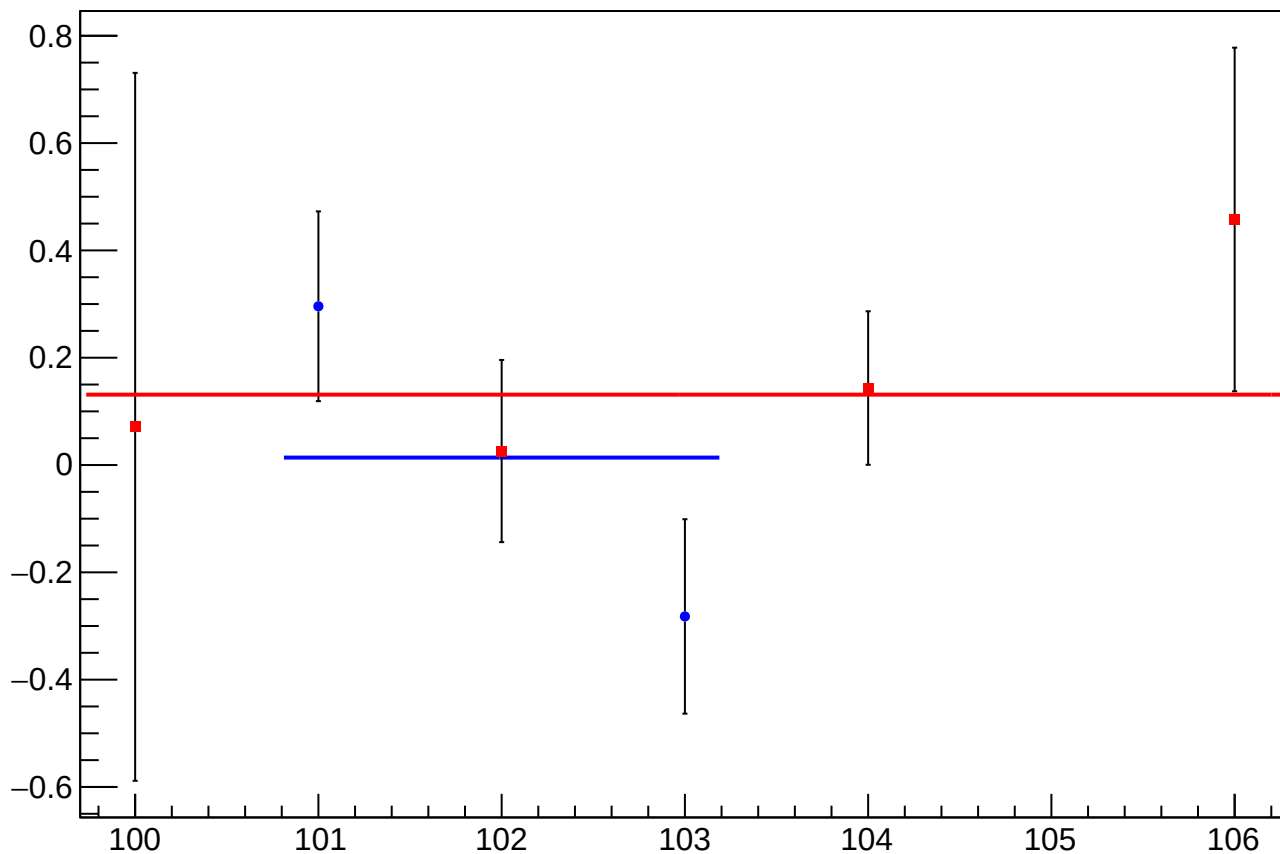
Right: 128.733 ± 0.056 χ^2/NDF : 126850.1/5

In: 141.366 ± 0.089 χ^2/NDF : 129.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.733 ± 0.056 χ^2/NDF : 126850.1/5

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.131 $\pm$ 0.102 χ^2 /NDF: 1.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

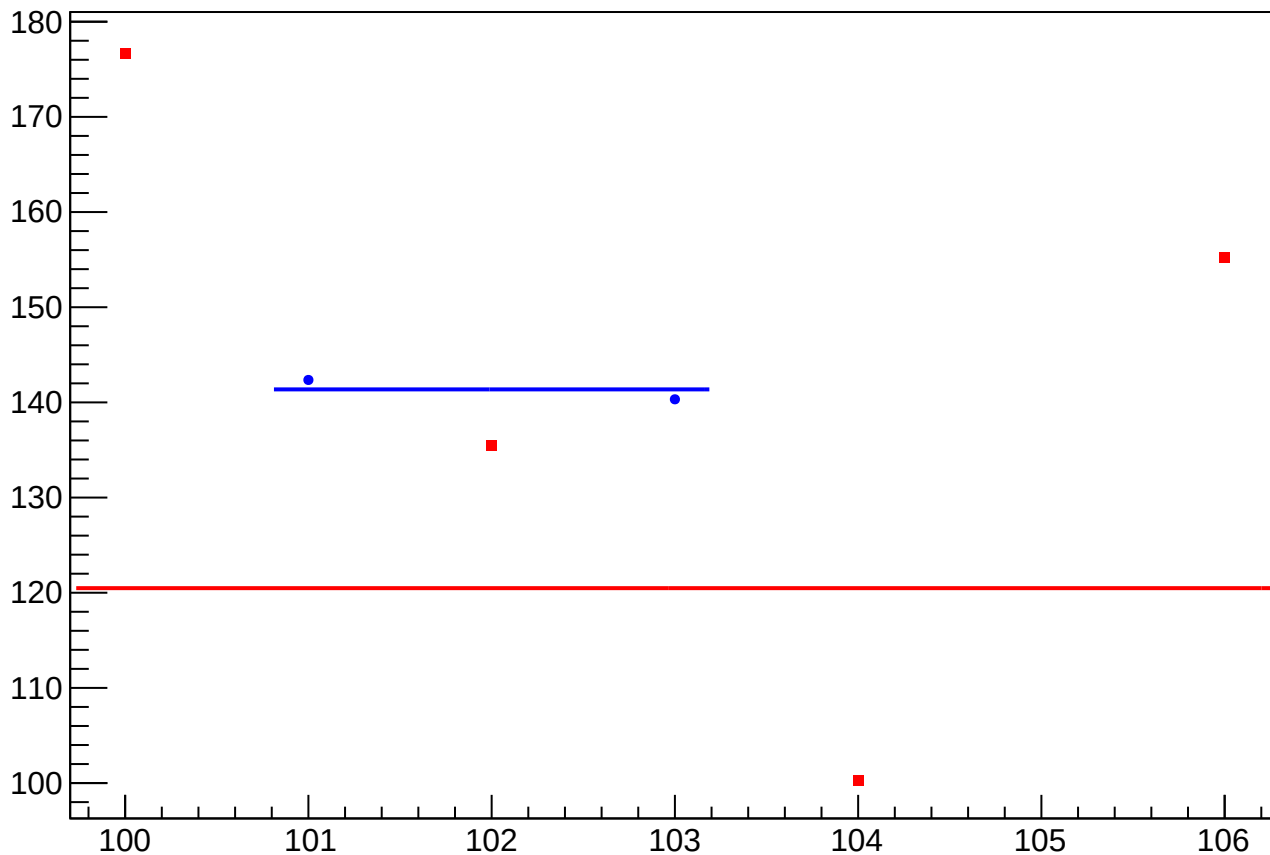
Right: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

In: 0.014 $\pm$ 0.127 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.080 χ^2 /NDF: 7.2/5

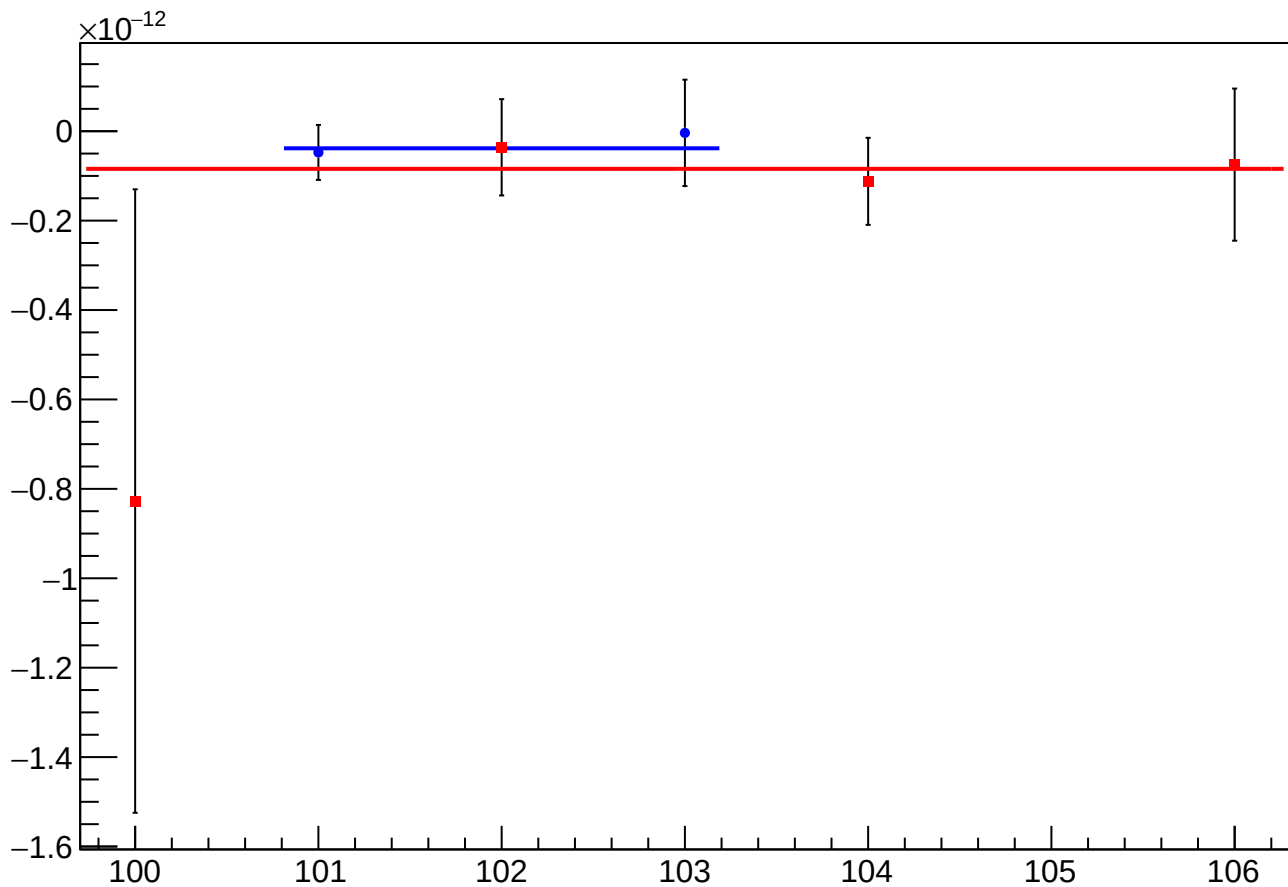
asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.366+/-0.089 χ^2/NDF : 129.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 120.482+/-0.072 χ^2/NDF : 93770.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 128.733+/-0.056 χ^2/NDF : 126850.1/5
 In: 141.366+/-0.089 χ^2/NDF : 129.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 128.733+/-0.056 χ^2/NDF : 126850.1/5

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

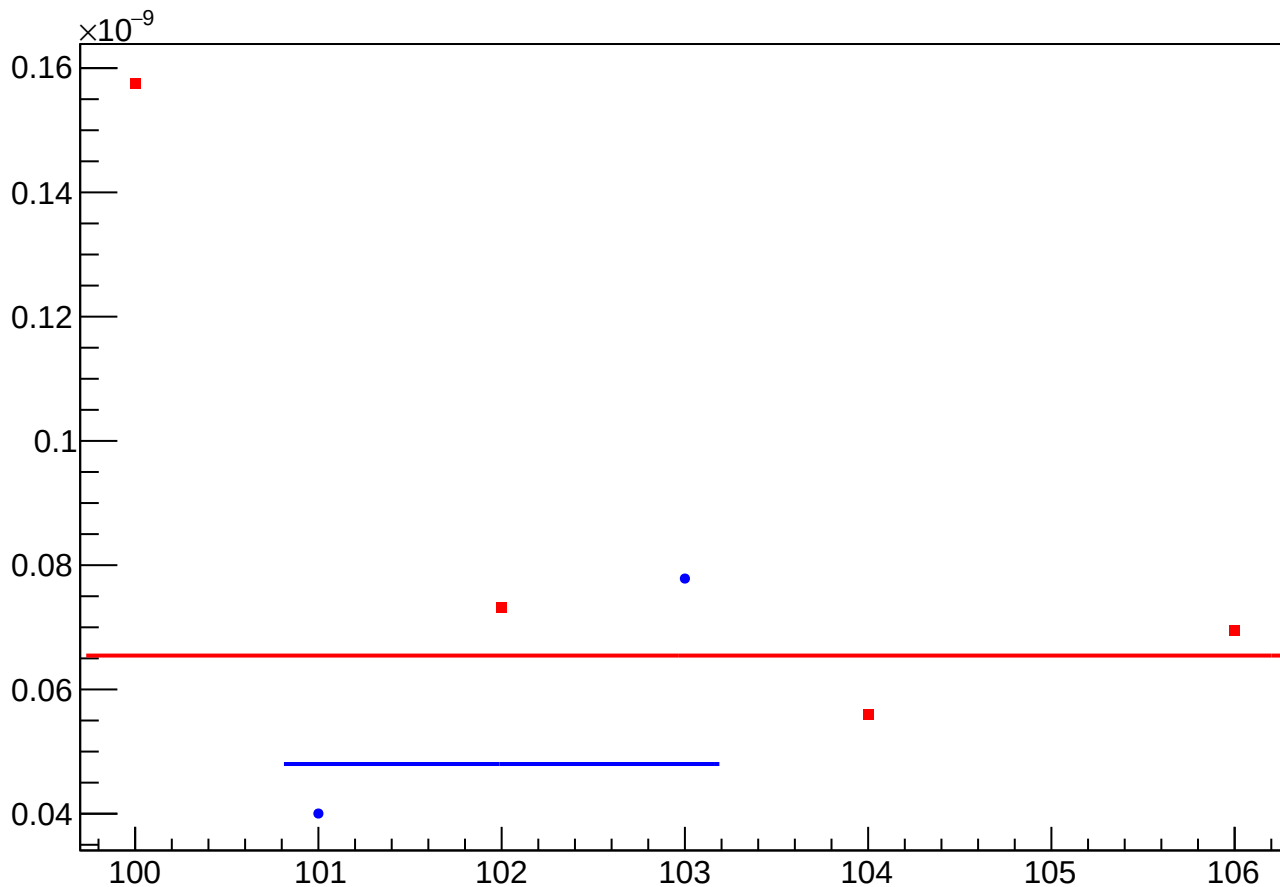
Right: -0.000+/-0.000 χ^2/NDF : 1.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.8/5

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 159345.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 65548.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

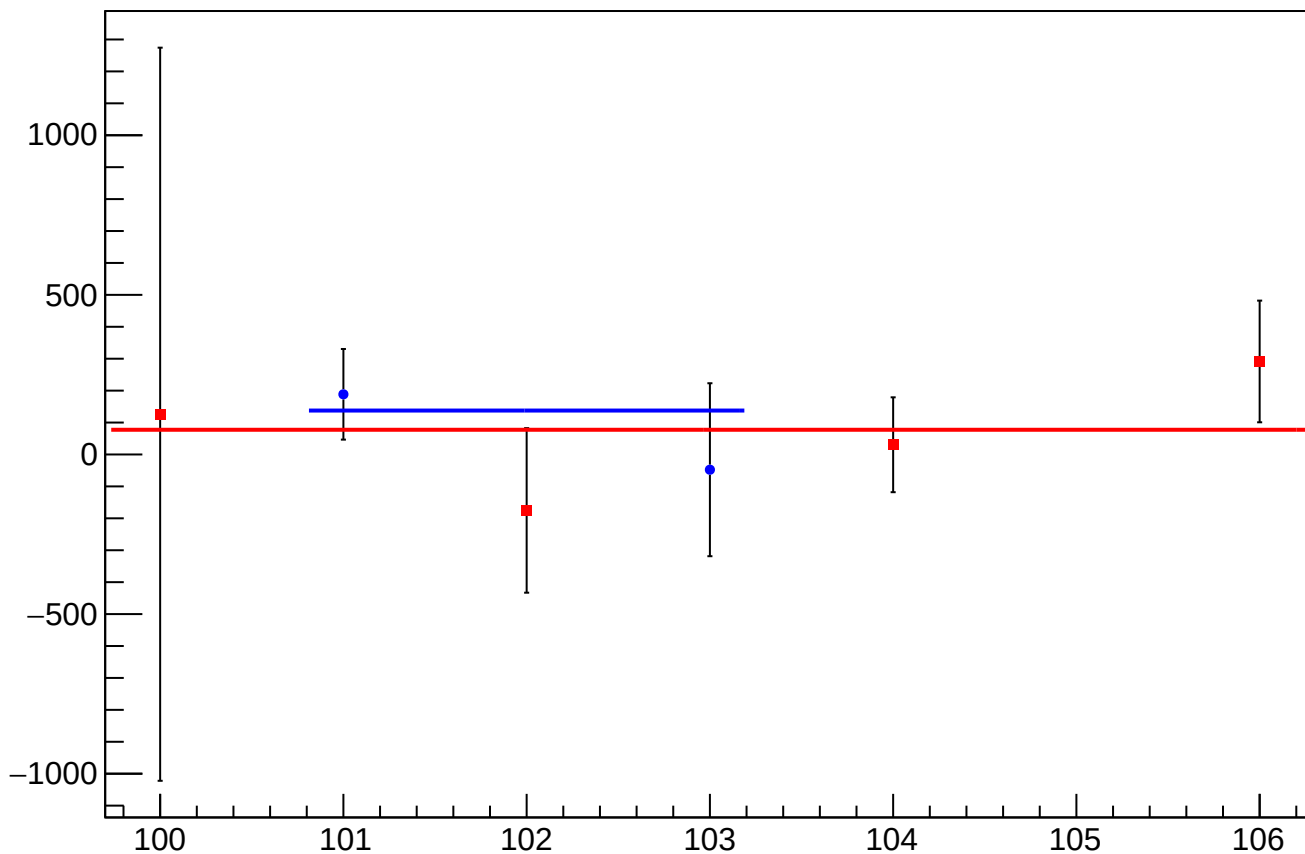
Right: 0.000+/-0.000 χ^2/NDF : 307624.5/5

In: 0.000+/-0.000 χ^2/NDF : 159345.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 307624.5/5

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.605 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.389 $\pm$ 106.220 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

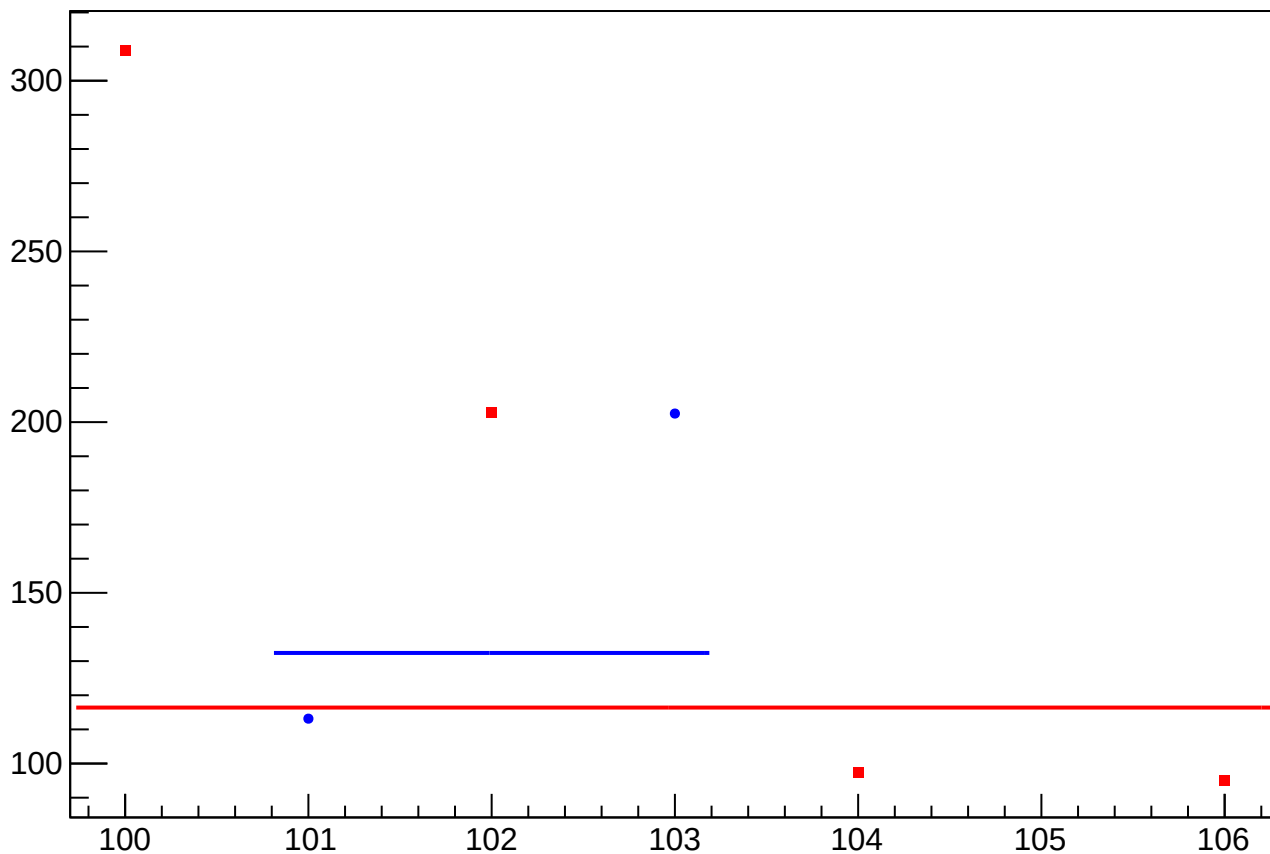
Right: 102.468 $\pm$ 81.141 χ^2 /NDF: 3.1/5

In: 137.605 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.468 $\pm$ 81.141 χ^2 /NDF: 3.1/5

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394+/-0.089 χ^2/NDF : 170752.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.396+/-0.075 χ^2/NDF : 338566.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

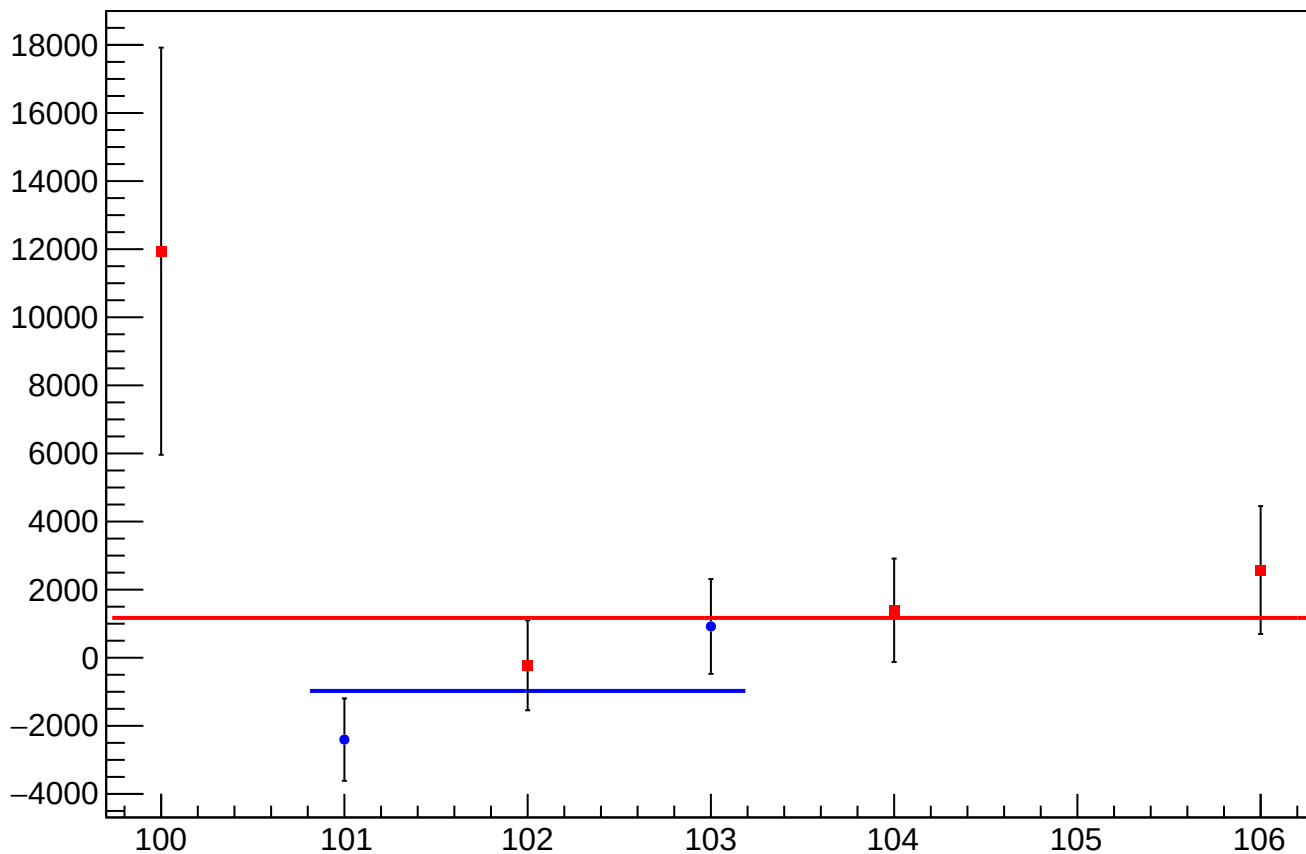
Right: 123.059+/-0.057 χ^2/NDF : 528212.1/5

In: 132.394+/-0.089 χ^2/NDF : 170752.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.059+/-0.057 χ^2/NDF : 528212.1/5

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -974.456+/-913.560 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1169.907+/-871.103 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

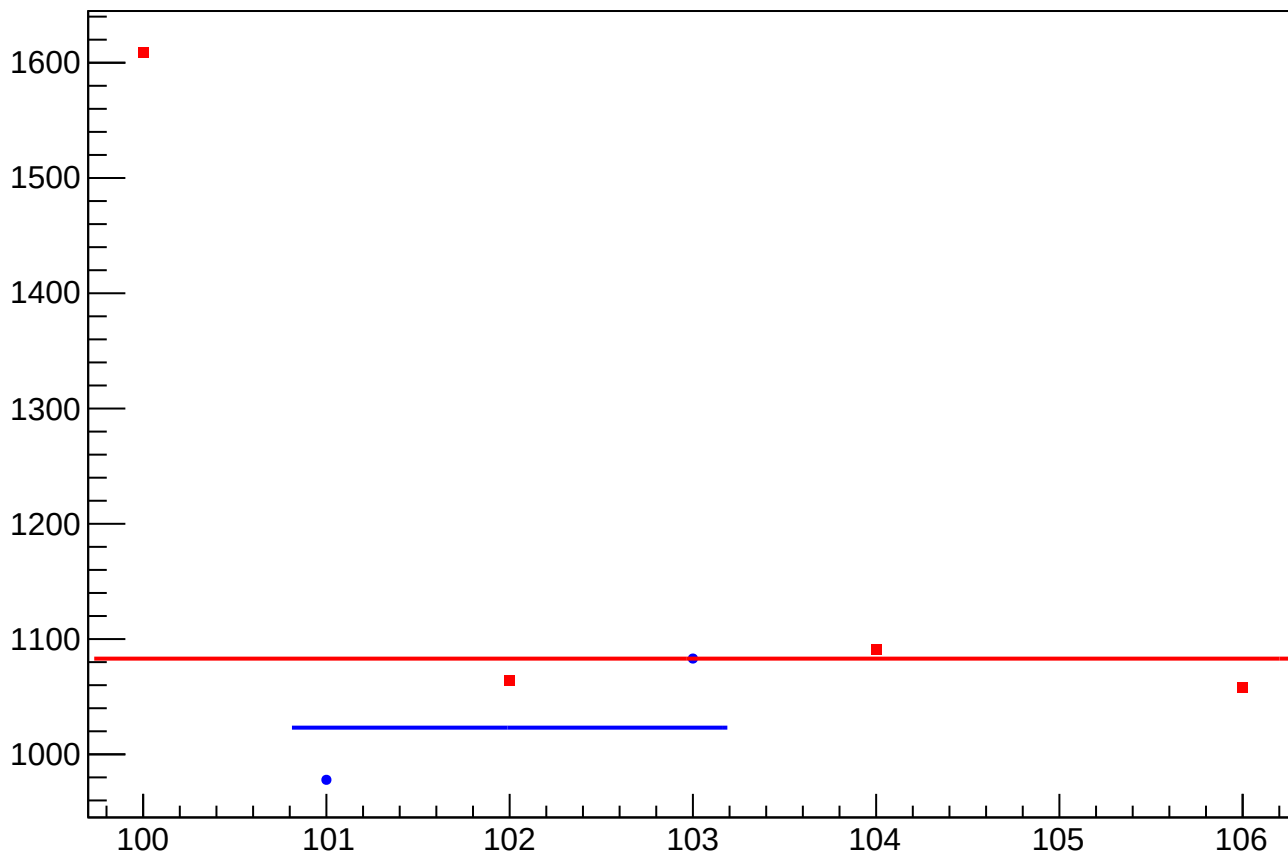
Right: 148.711+/-630.438 χ^2/NDF : 11.1/5

In: -974.456+/-913.560 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.711+/-630.438 χ^2/NDF : 11.1/5

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1023.158+/-0.646 χ^2/NDF : 6501.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.032+/-0.616 χ^2/NDF : 16310.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

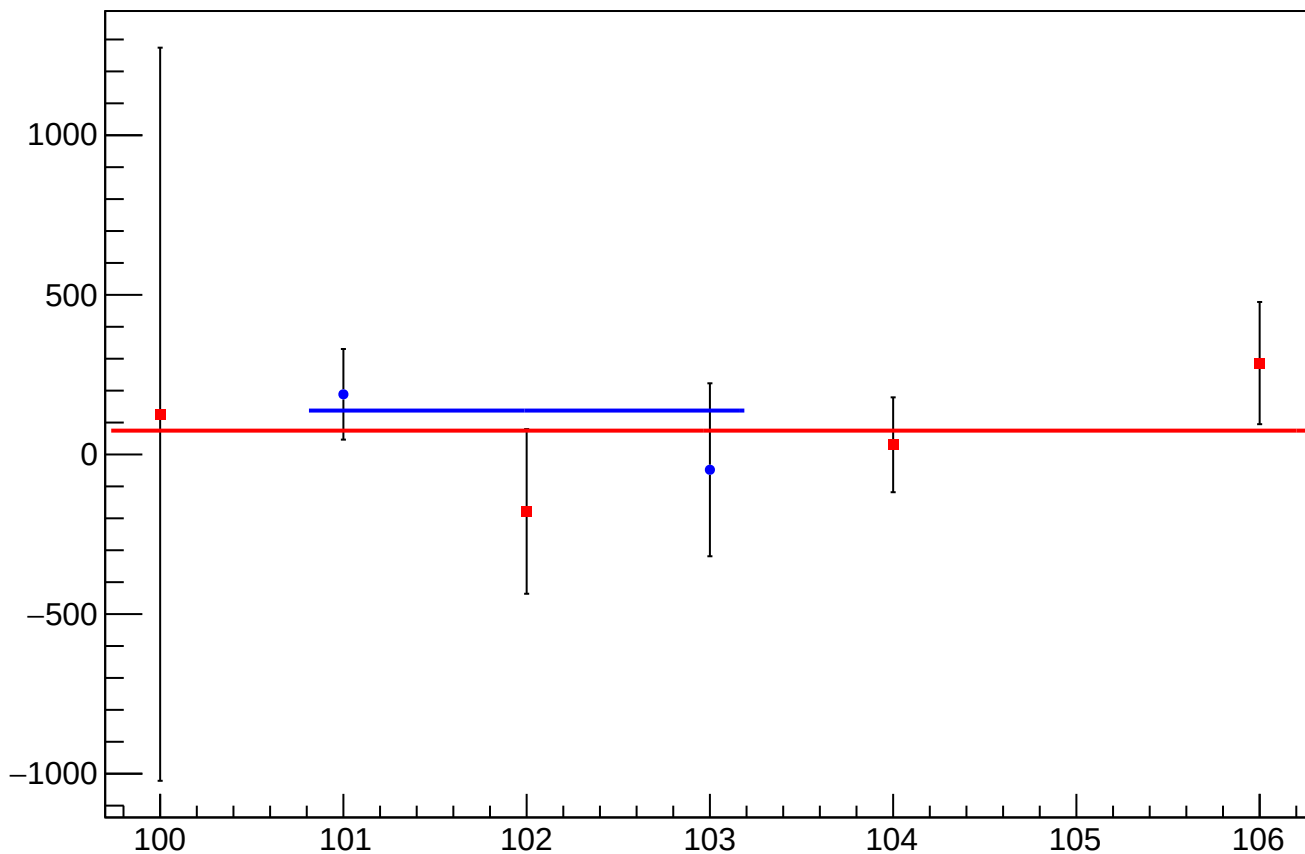
Right: 1054.519+/-0.446 χ^2/NDF : 27311.3/5

In: 1023.158+/-0.646 χ^2/NDF : 6501.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.519+/-0.446 χ^2/NDF : 27311.3/5

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.706 $\pm$ 106.370 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

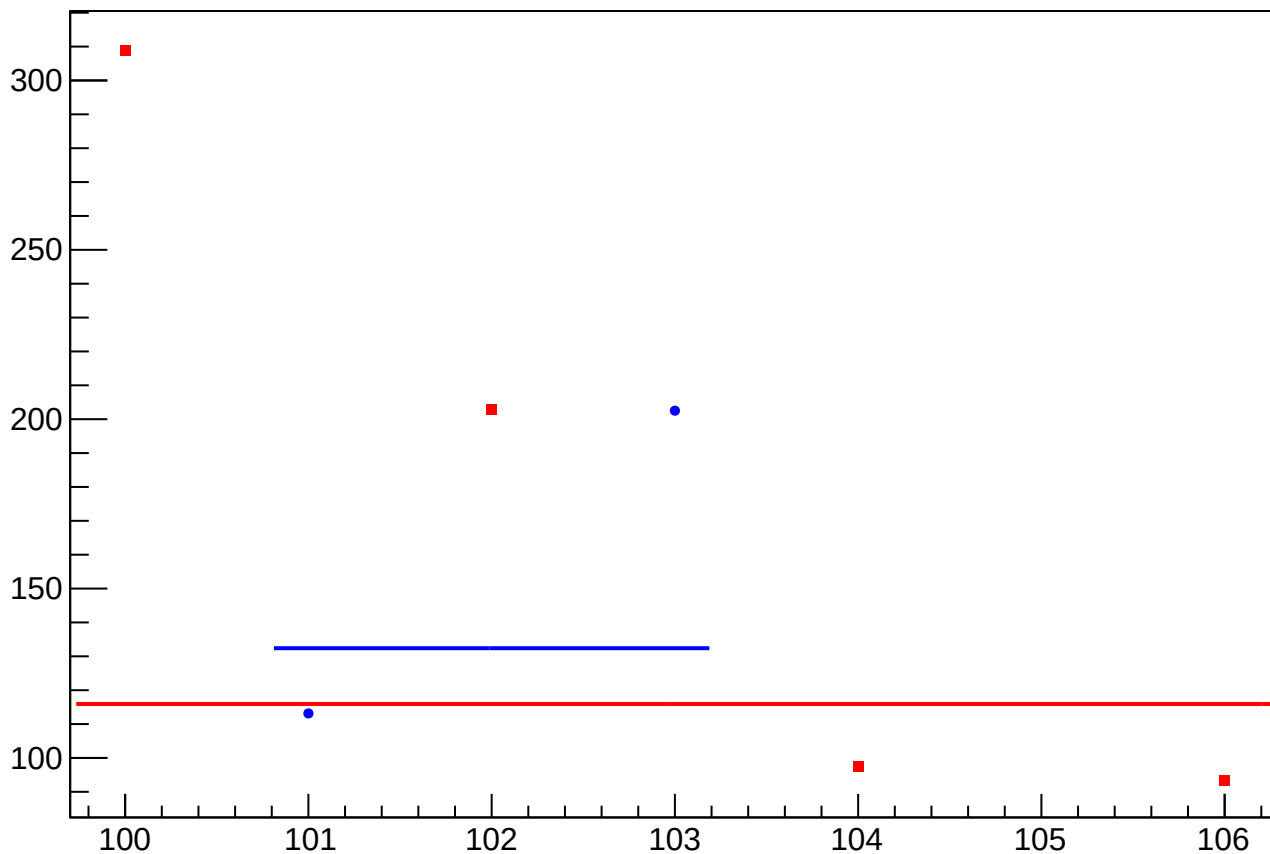
Right: 100.928 $\pm$ 81.207 χ^2 /NDF: 3.0/5

In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.928 $\pm$ 81.207 χ^2 /NDF: 3.0/5

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.931+/-0.075 χ^2/NDF : 342648.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

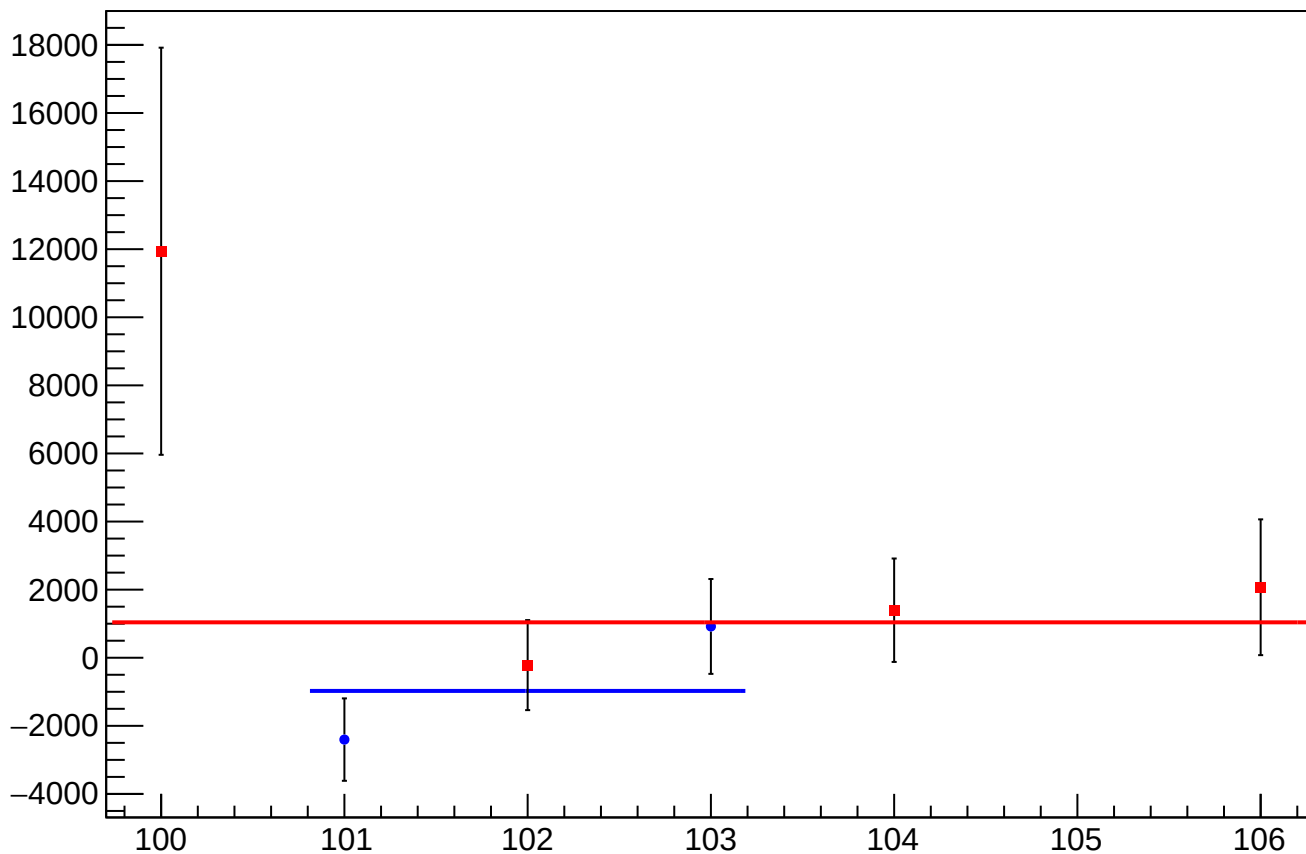
Right: 122.799+/-0.057 χ^2/NDF : 533387.2/5

In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.799+/-0.057 χ^2/NDF : 533387.2/5

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.973+/-882.210 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

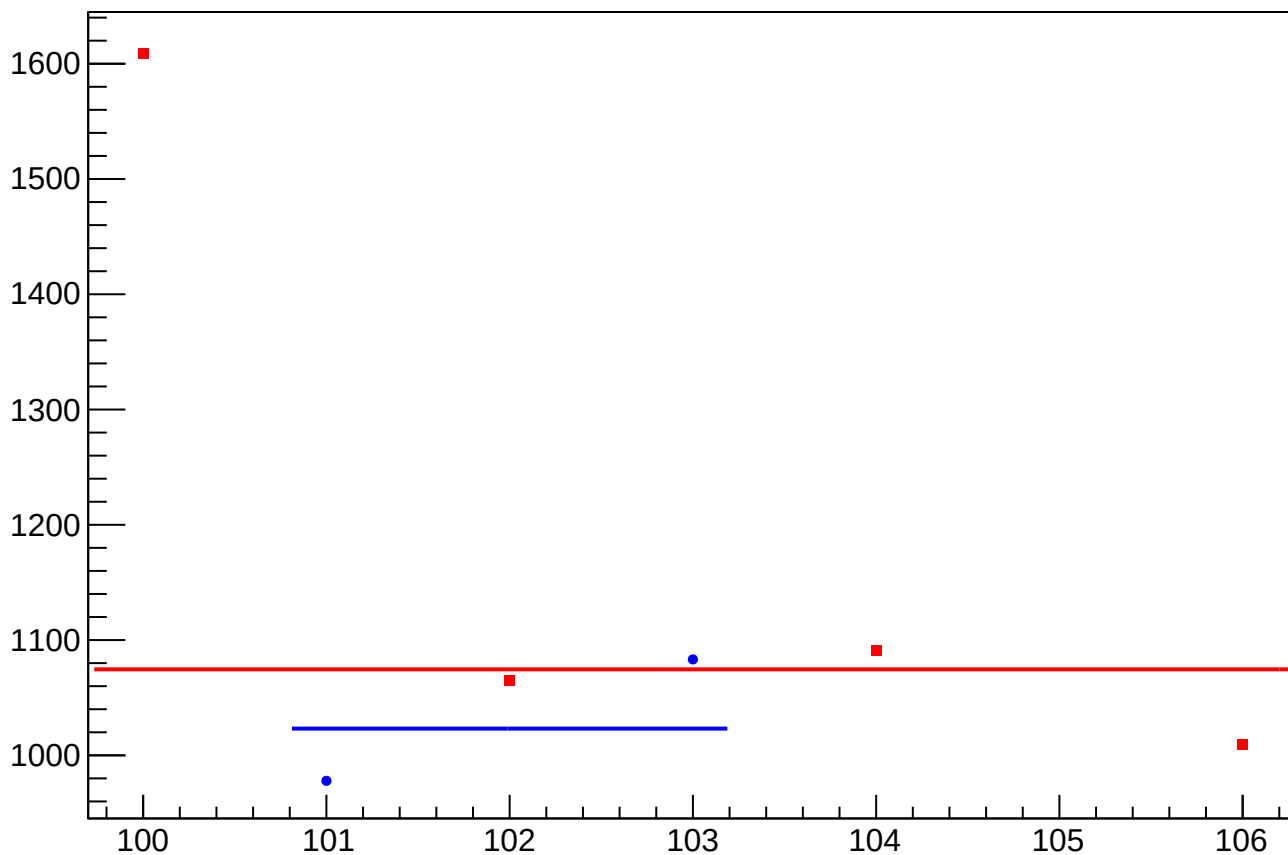
Right: 67.970+/-634.624 χ^2/NDF : 10.3/5

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.970+/-634.624 χ^2/NDF : 10.3/5

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.603+/-0.624 χ^2/NDF : 18466.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

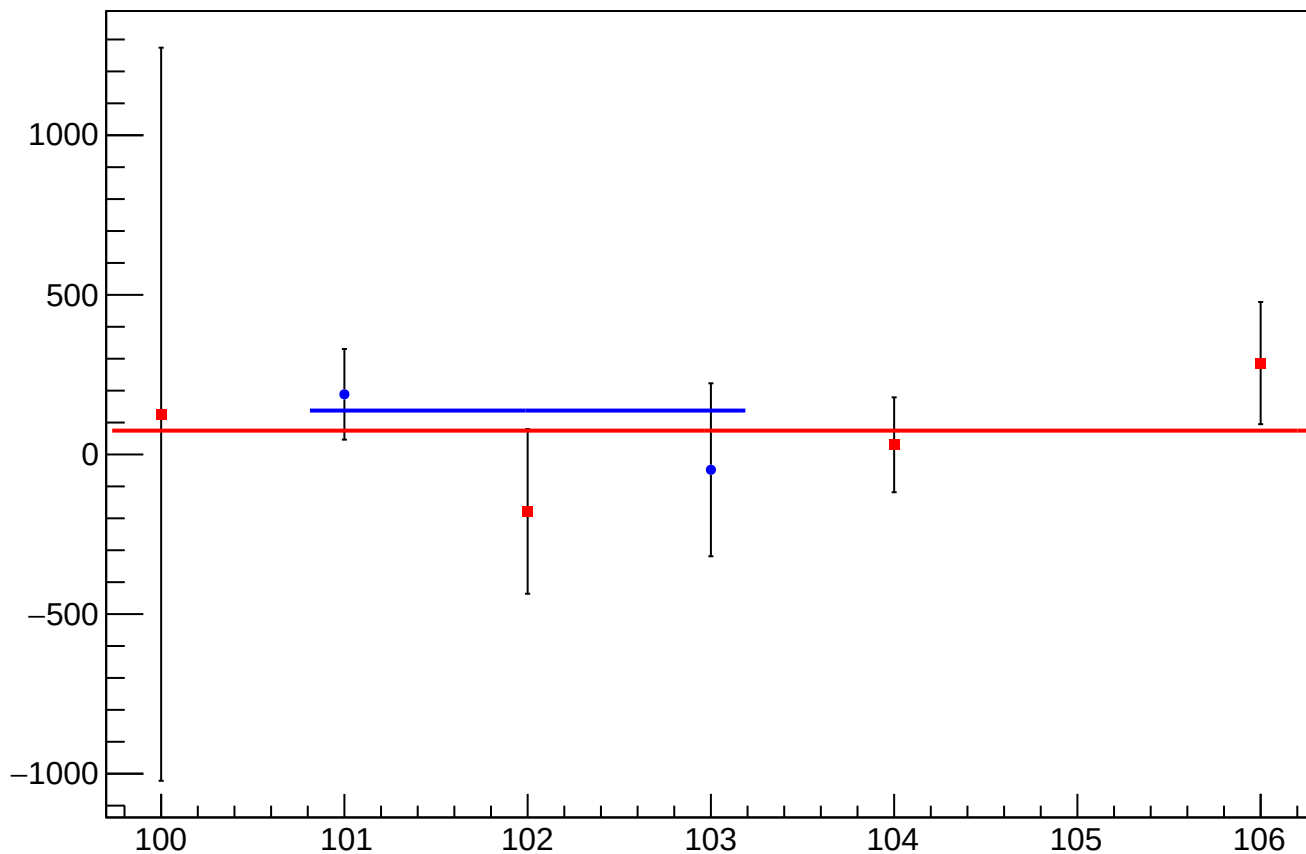
Right: 1049.800+/-0.449 χ^2/NDF : 28256.7/5

In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1049.800+/-0.449 χ^2/NDF : 28256.7/5

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.564 $\pm$ 125.732 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.706 $\pm$ 106.370 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

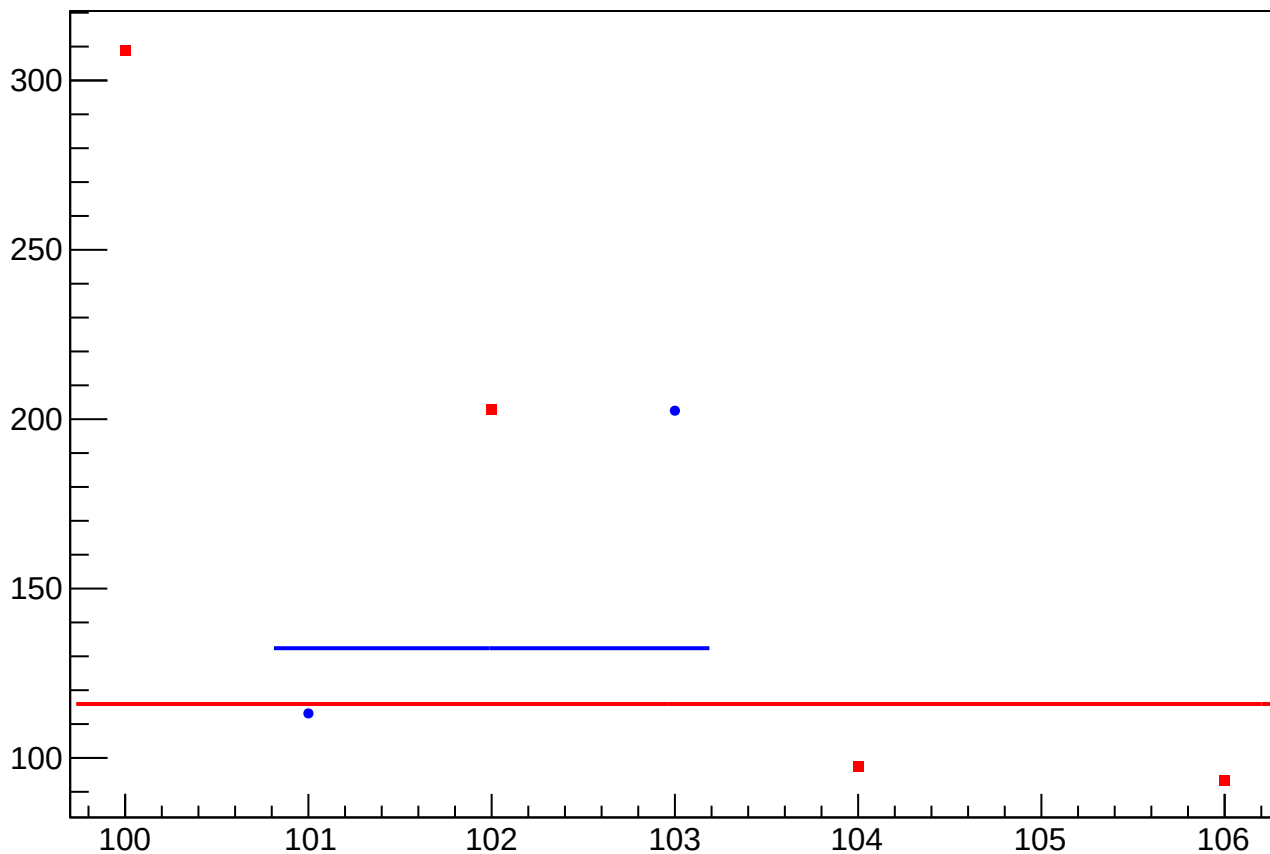
Right: 100.928 $\pm$ 81.207 χ^2 /NDF: 3.0/5

In: 137.564 $\pm$ 125.732 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.928 $\pm$ 81.207 χ^2 /NDF: 3.0/5

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.931+/-0.075 χ^2/NDF : 342648.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

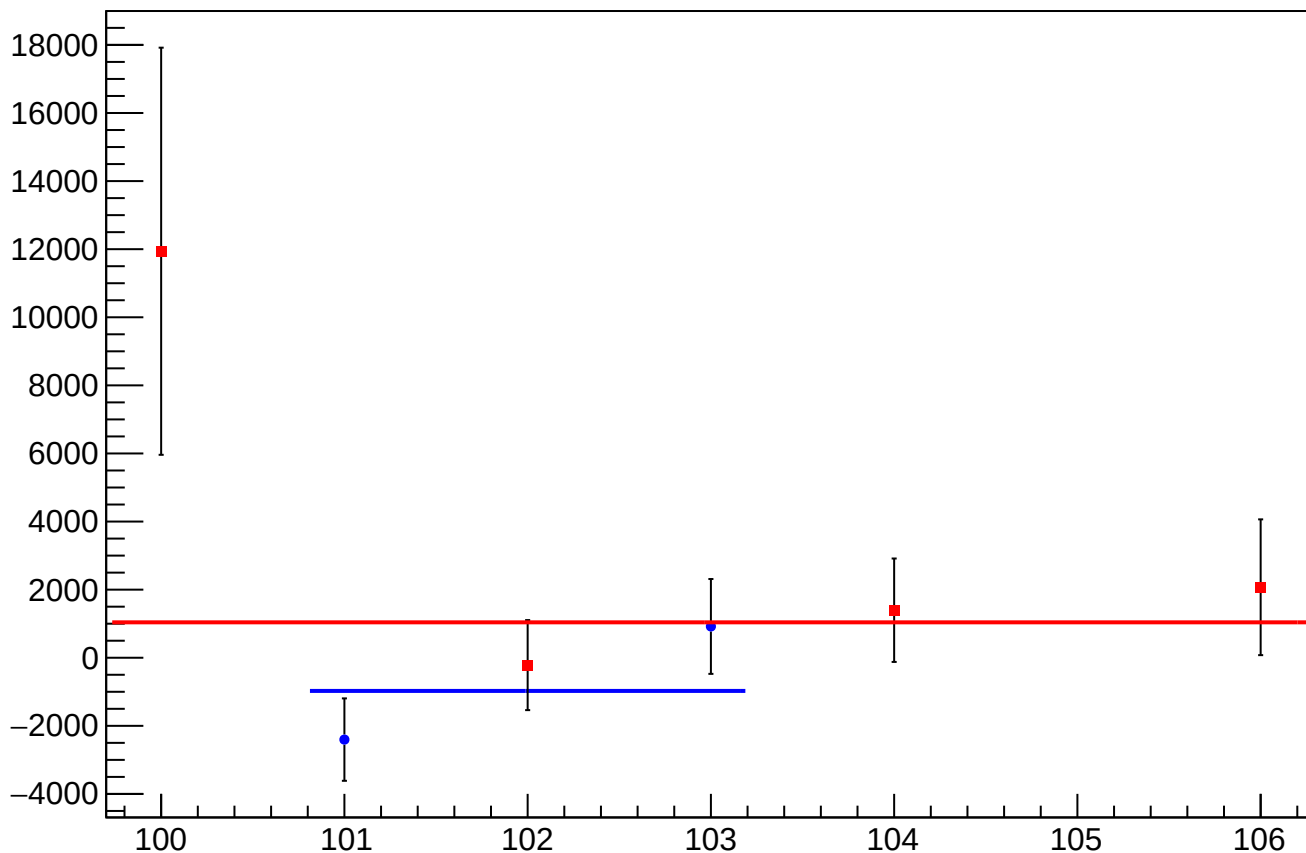
Right: 122.799+/-0.057 χ^2/NDF : 533387.2/5

In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.799+/-0.057 χ^2/NDF : 533387.2/5

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.973+/-882.210 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

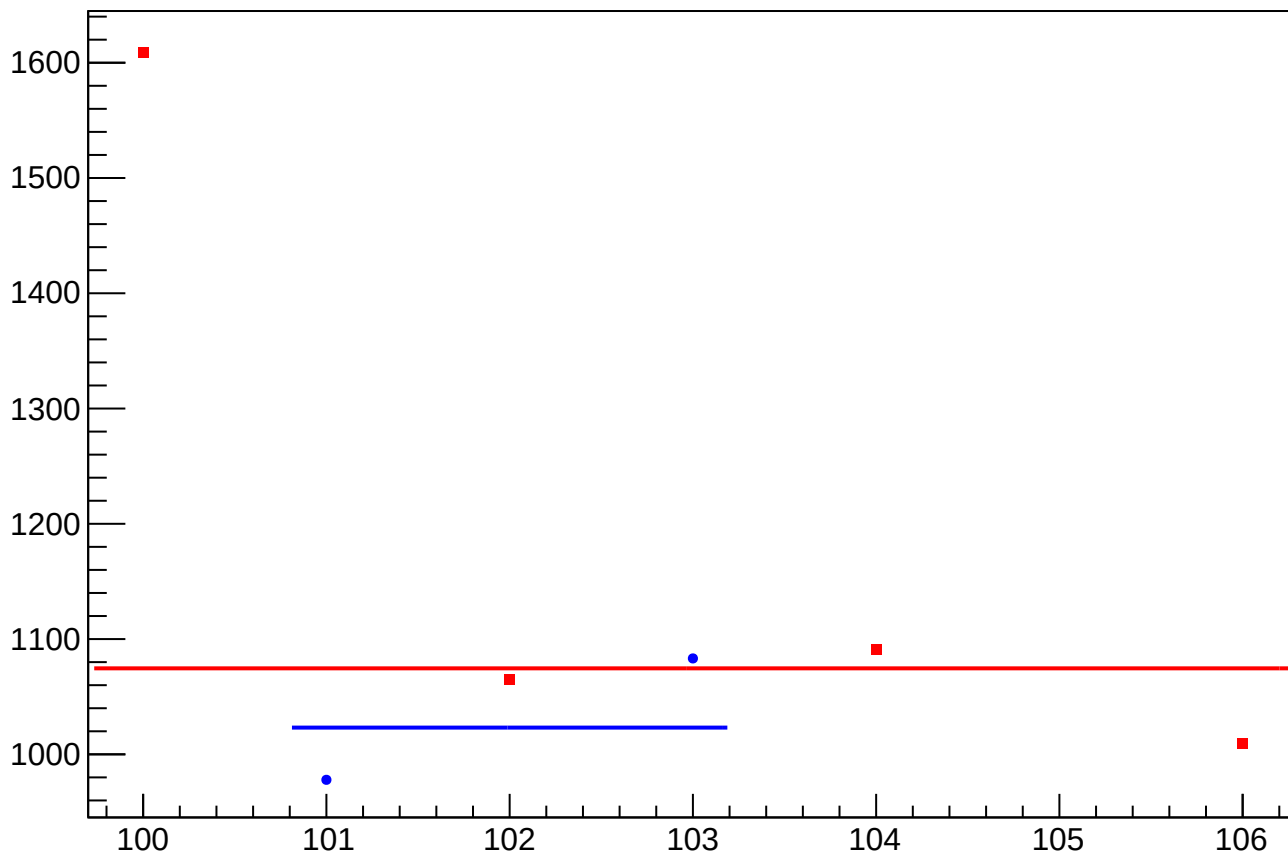
Right: 67.970+/-634.624 χ^2/NDF : 10.3/5

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.970+/-634.624 χ^2/NDF : 10.3/5

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.603+/-0.624 χ^2/NDF : 18466.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

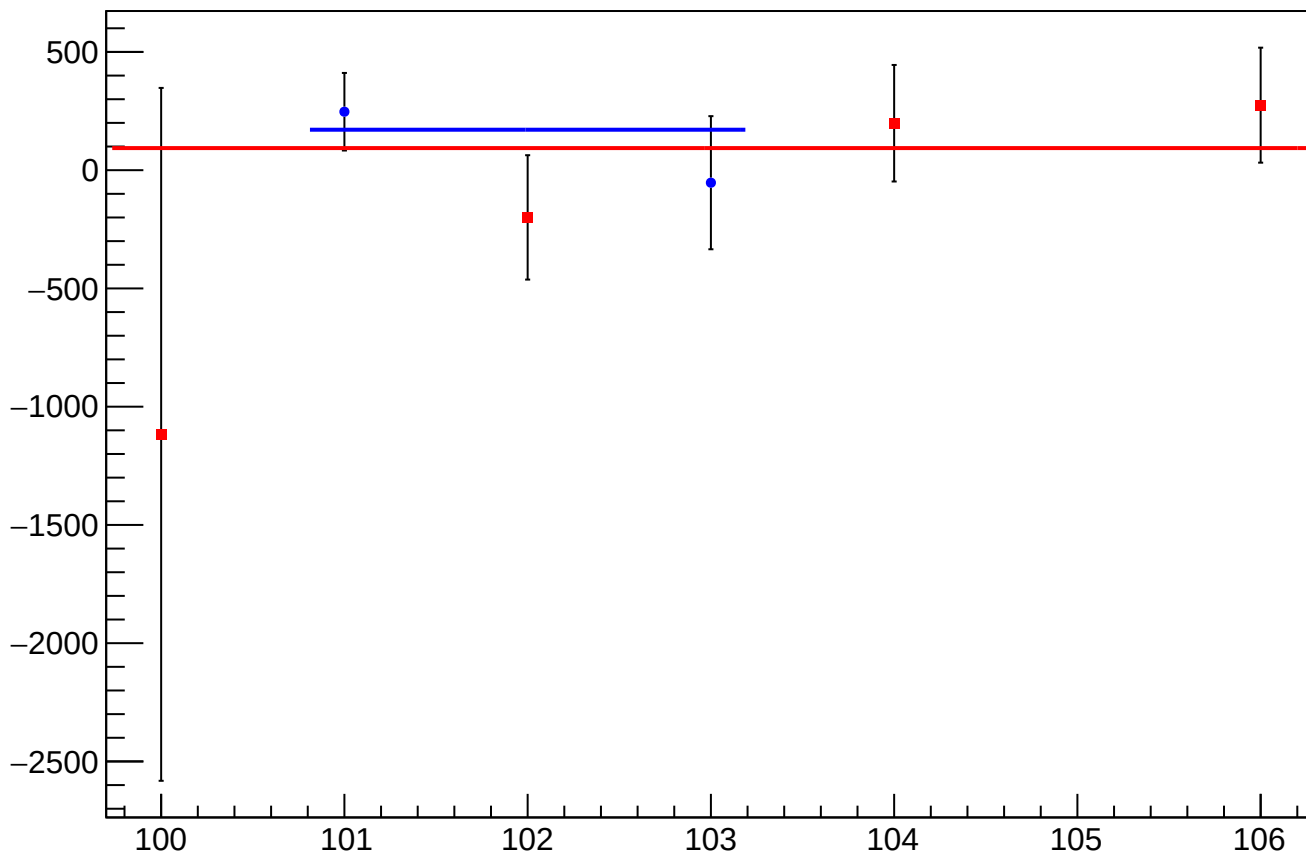
Right: 1049.800+/-0.449 χ^2/NDF : 28256.7/5

In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1049.800+/-0.449 χ^2/NDF : 28256.7/5

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 171.079+/-141.688 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.428+/-143.860 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

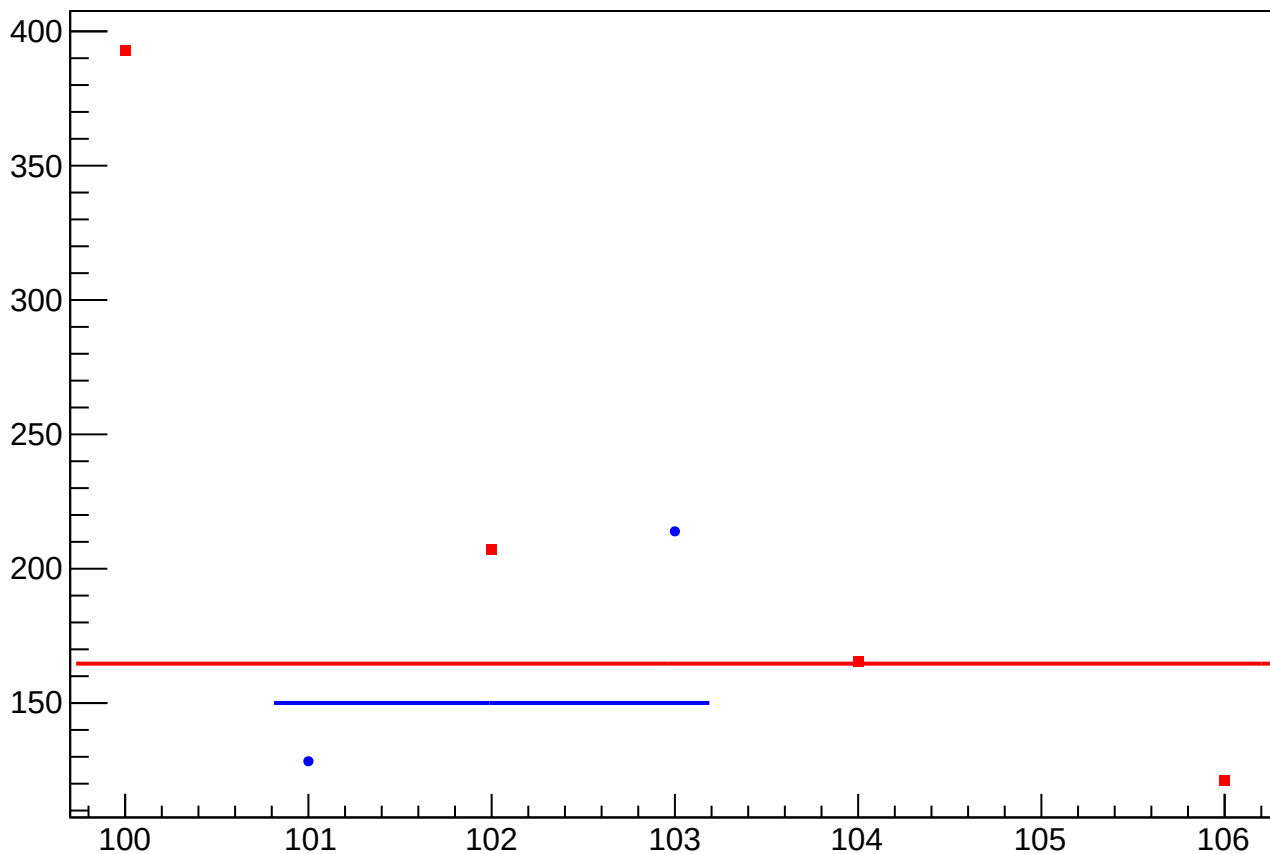
Right: 132.844+/-100.948 χ^2/NDF : 3.7/5

In: 171.079+/-141.688 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.844+/-100.948 χ^2/NDF : 3.7/5

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 150.036+/-0.100 χ^2/NDF : 137993.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.676+/-0.102 χ^2/NDF : 164555.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

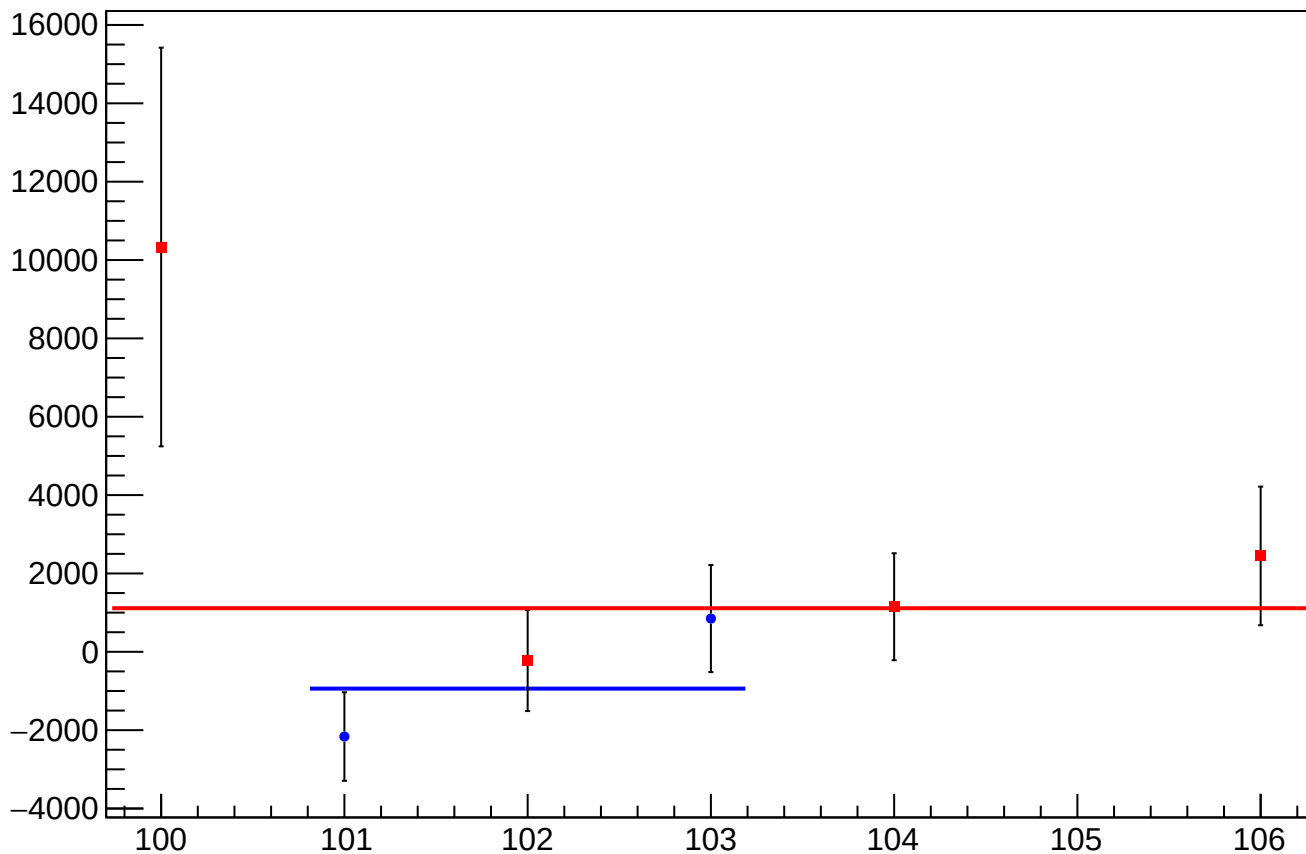
Right: 157.244+/-0.071 χ^2/NDF : 313062.0/5

In: 150.036+/-0.100 χ^2/NDF : 137993.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.244+/-0.071 χ^2/NDF : 313062.0/5

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -939.397+/-870.850 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.493+/-817.587 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

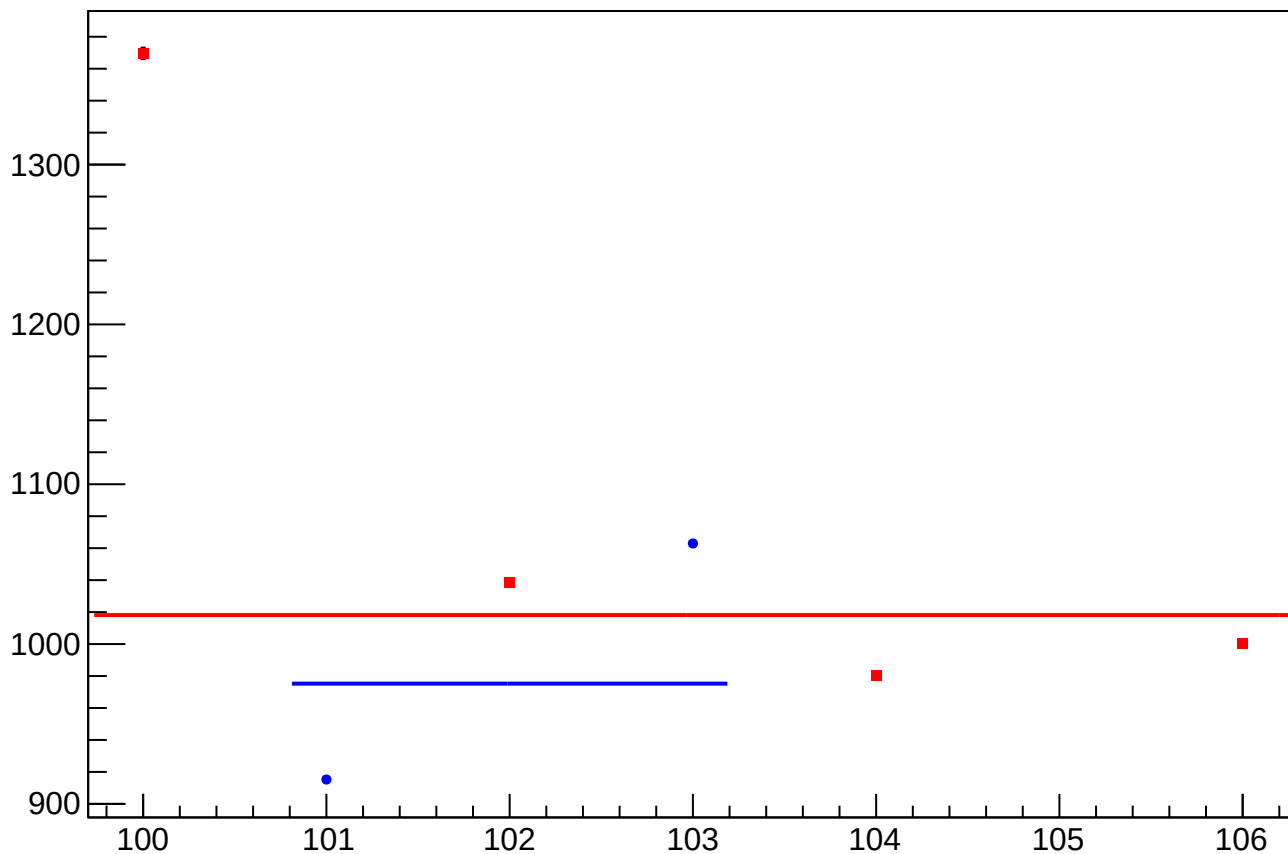
Right: 151.211+/-596.062 χ^2/NDF : 10.8/5

In: -939.397+/-870.850 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.211+/-596.062 χ^2/NDF : 10.8/5

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.235 $\pm$ 0.616 χ^2 /NDF: 13875.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1018.132 $\pm$ 0.578 χ^2 /NDF: 11757.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

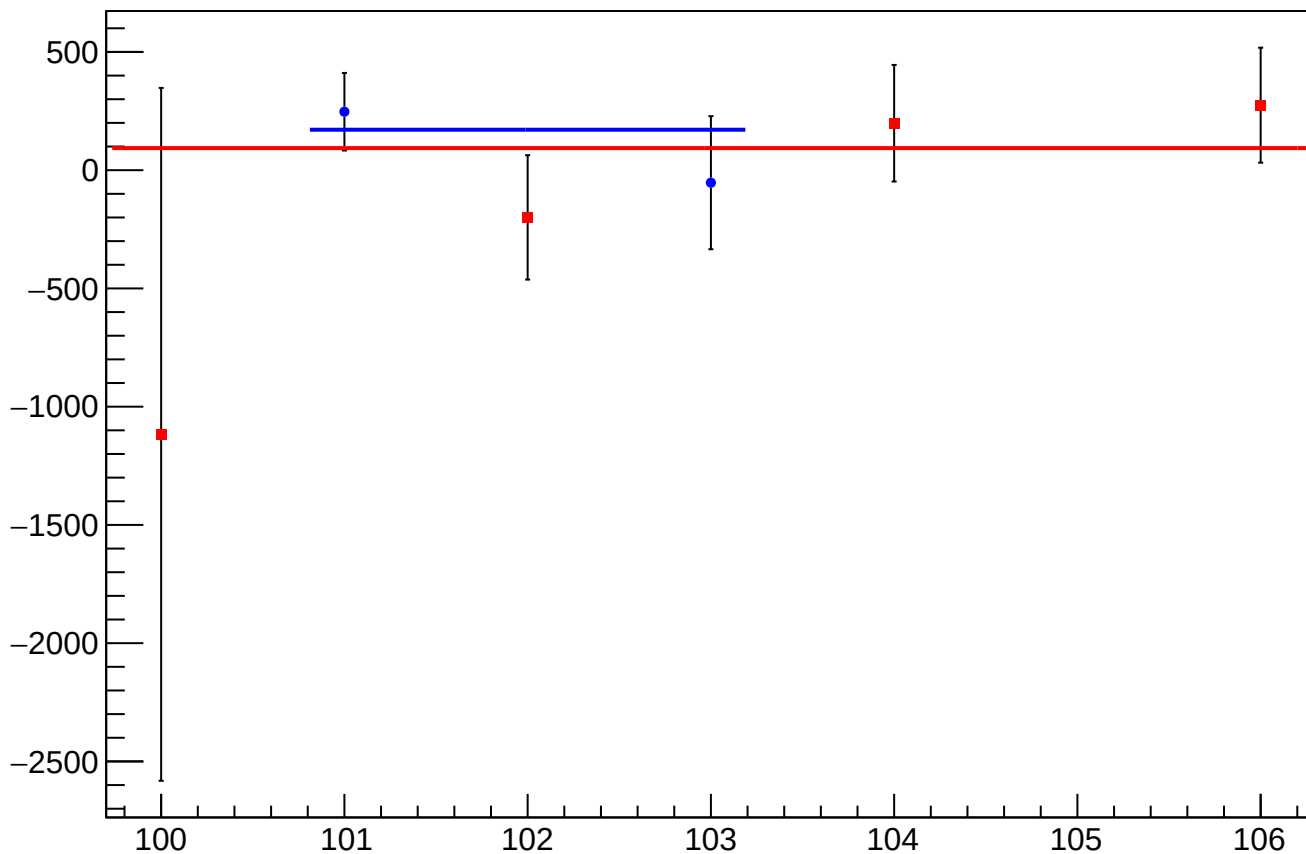
Right: 998.035 $\pm$ 0.421 χ^2 /NDF: 28211.8/5

In: 975.235 $\pm$ 0.616 χ^2 /NDF:13875.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 998.035 $\pm$ 0.421 χ^2 /NDF: 28211.8/5

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 171.084 $\pm$ 141.689 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.425 $\pm$ 143.861 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

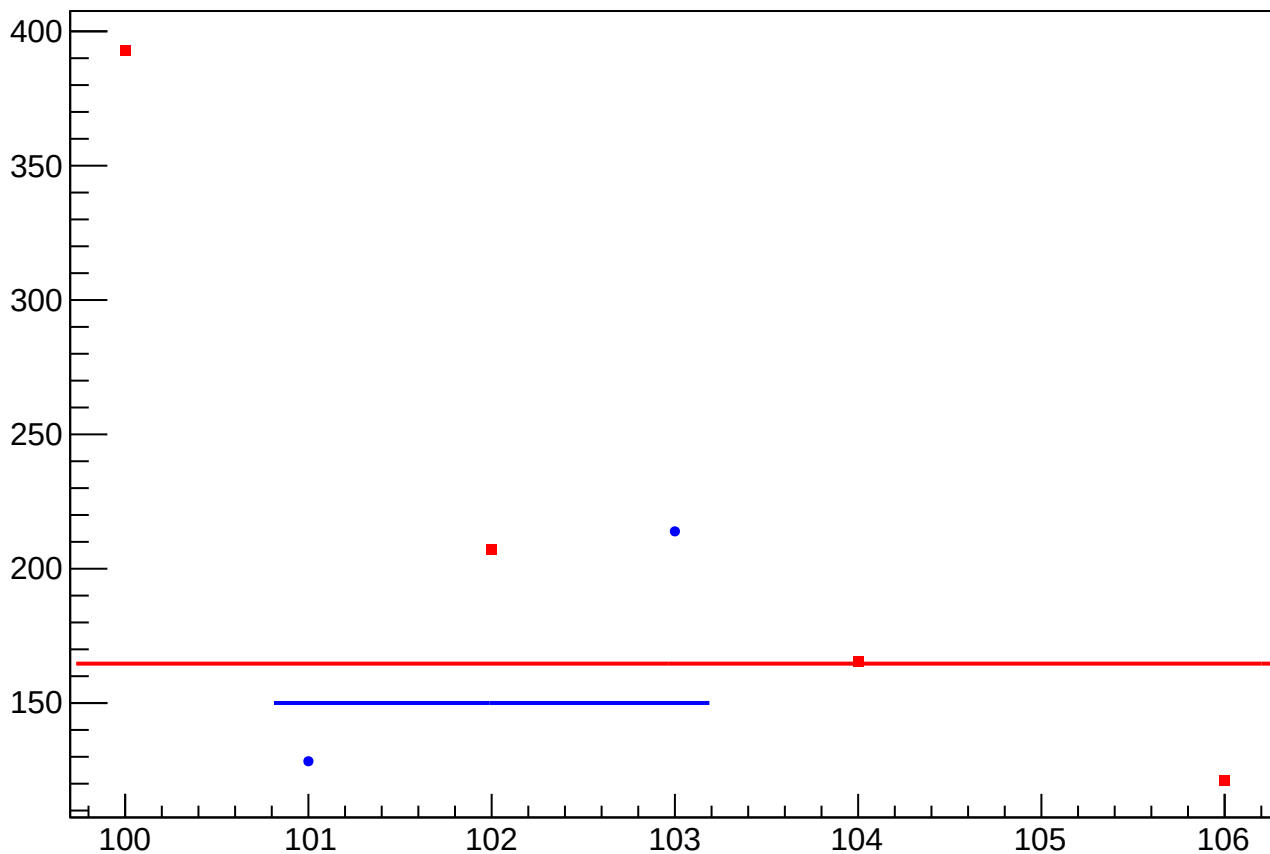
Right: 132.845 $\pm$ 100.949 χ^2 /NDF: 3.7/5

In: 171.084 $\pm$ 141.689 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 132.845 $\pm$ 100.949 χ^2 /NDF: 3.7/5

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 150.037 $\pm$ 0.100 χ^2 /NDF: 137986.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 164.677 $\pm$ 0.102 χ^2 /NDF: 164553.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

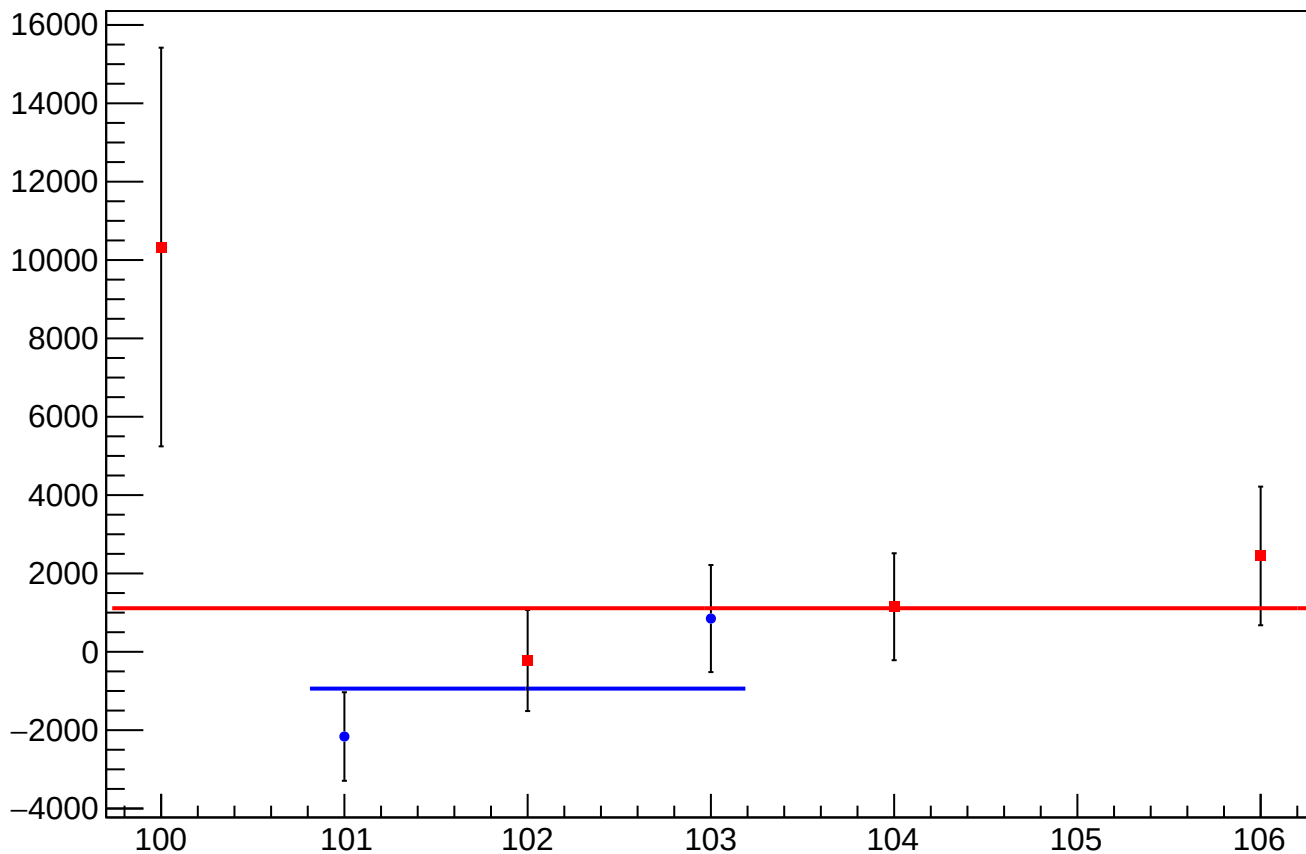
Right: 157.246 $\pm$ 0.071 χ^2 /NDF: 313053.3/5

In: 150.037 $\pm$ 0.100 χ^2 /NDF:137986.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.246 $\pm$ 0.071 χ^2 /NDF: 313053.3/5

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -939.394+/-870.846 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.490+/-817.585 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

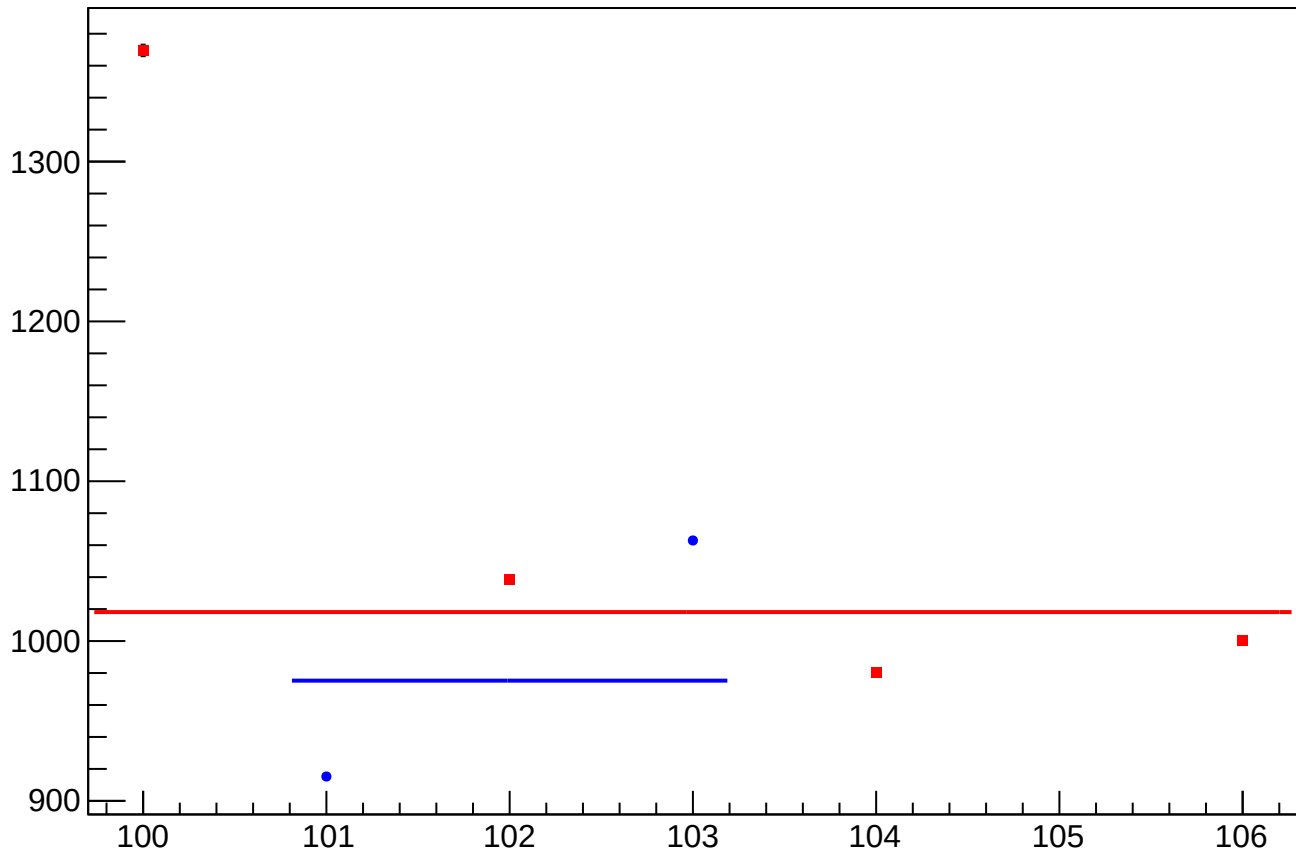
Right: 151.210+/-596.060 χ^2/NDF : 10.8/5

In: -939.394+/-870.846 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.210+/-596.060 χ^2/NDF : 10.8/5

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.231+/-0.616 χ^2/NDF : 13875.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1018.129+/-0.578 χ^2/NDF : 11757.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

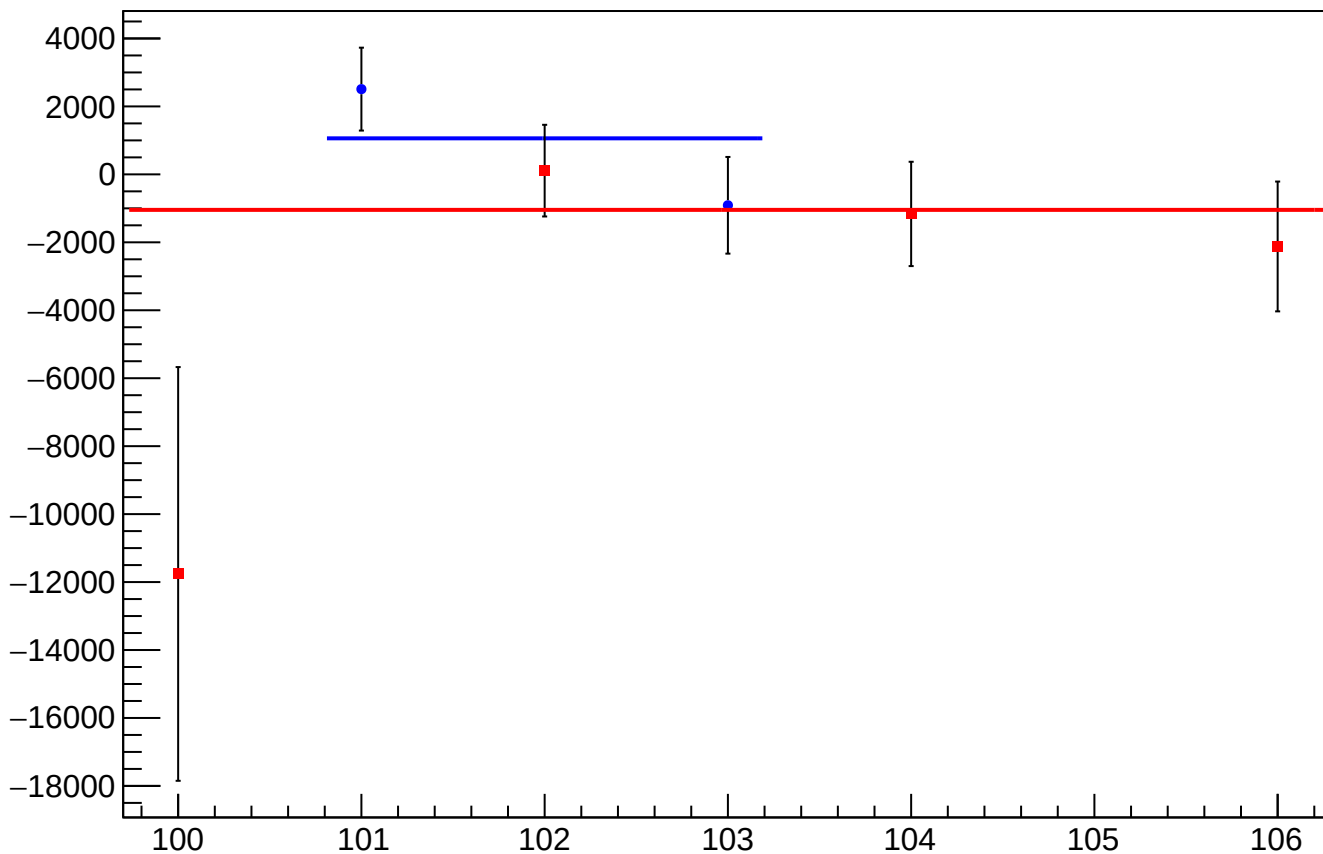
Right: 998.032+/-0.421 χ^2/NDF : 28211.9/5

In: 975.231+/-0.616 χ^2/NDF : 13875.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 998.032+/-0.421 χ^2/NDF : 28211.9/5

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 1060.361+/-926.123 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1045.248+/-885.689 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

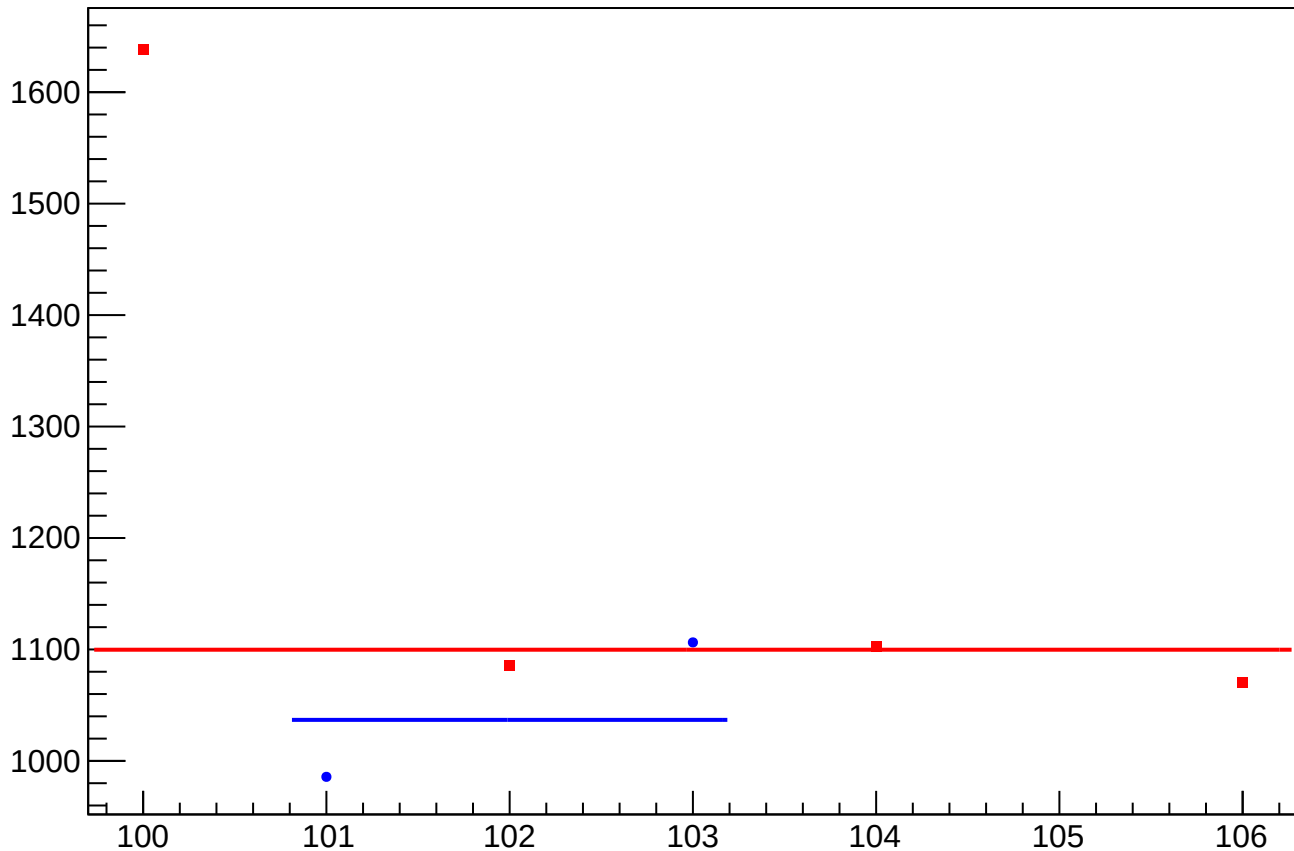
Right: -39.411+/-640.094 χ^2/NDF : 10.2/5

In: 1060.361+/-926.123 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.411+/-640.094 χ^2/NDF : 10.2/5

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 1036.820+/-0.655 χ^2/NDF : 8284.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.767+/-0.626 χ^2/NDF : 16343.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

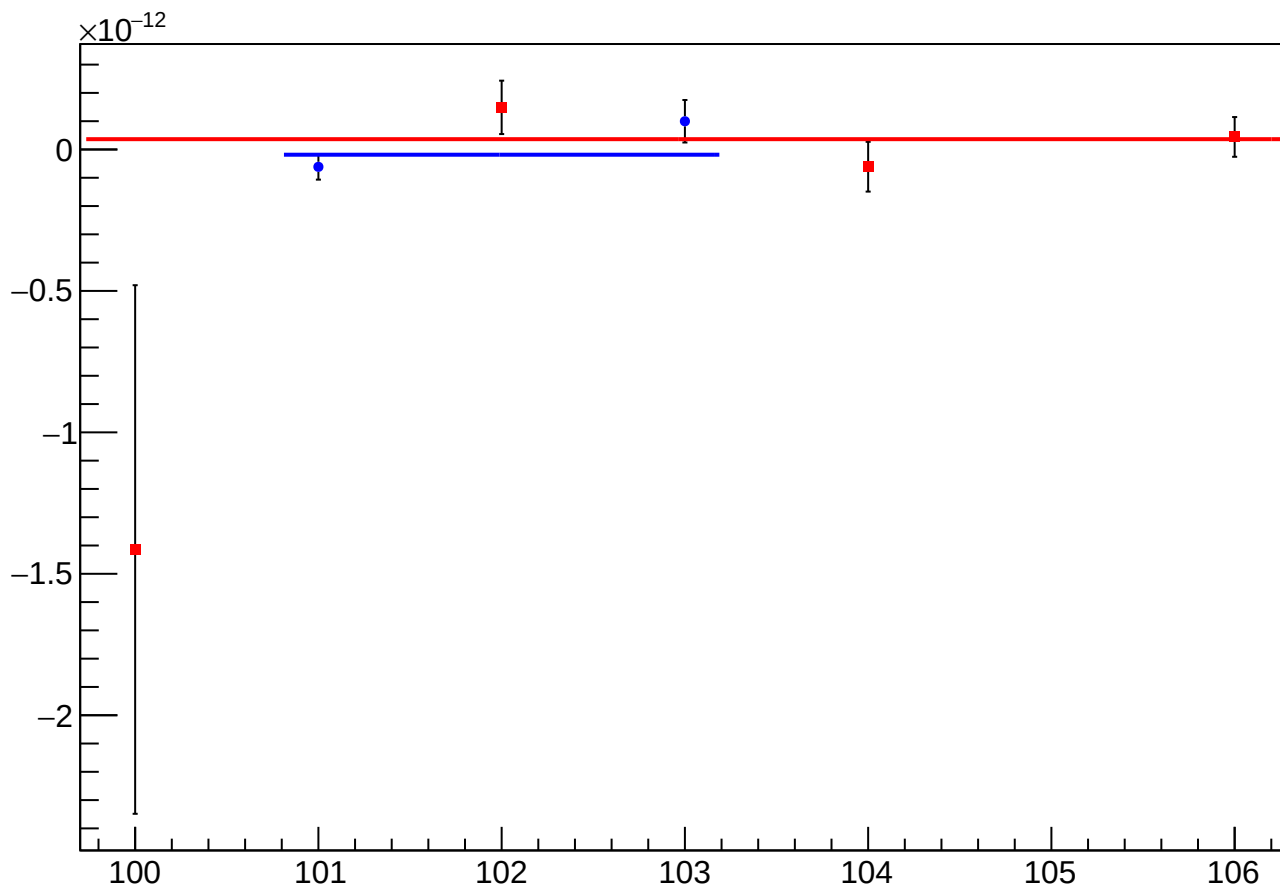
Right: 1069.697+/-0.453 χ^2/NDF : 29454.0/5

In: 1036.820+/-0.655 χ^2/NDF : 8284.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.697+/-0.453 χ^2/NDF : 29454.0/5

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

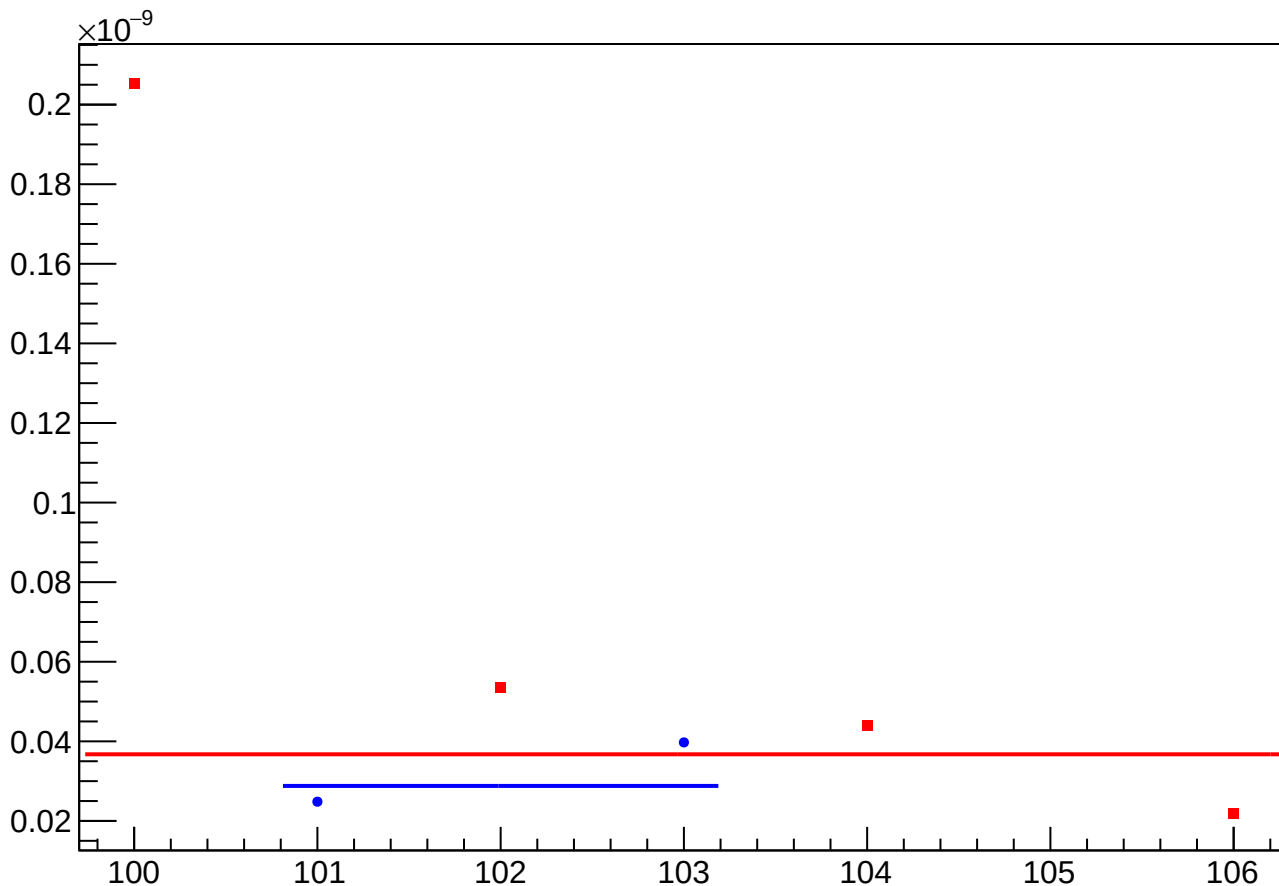
Right: 0.000+/-0.000 χ^2/NDF : 9.3/5

In: -0.000+/-0.000 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/5

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 57789.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 232670.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

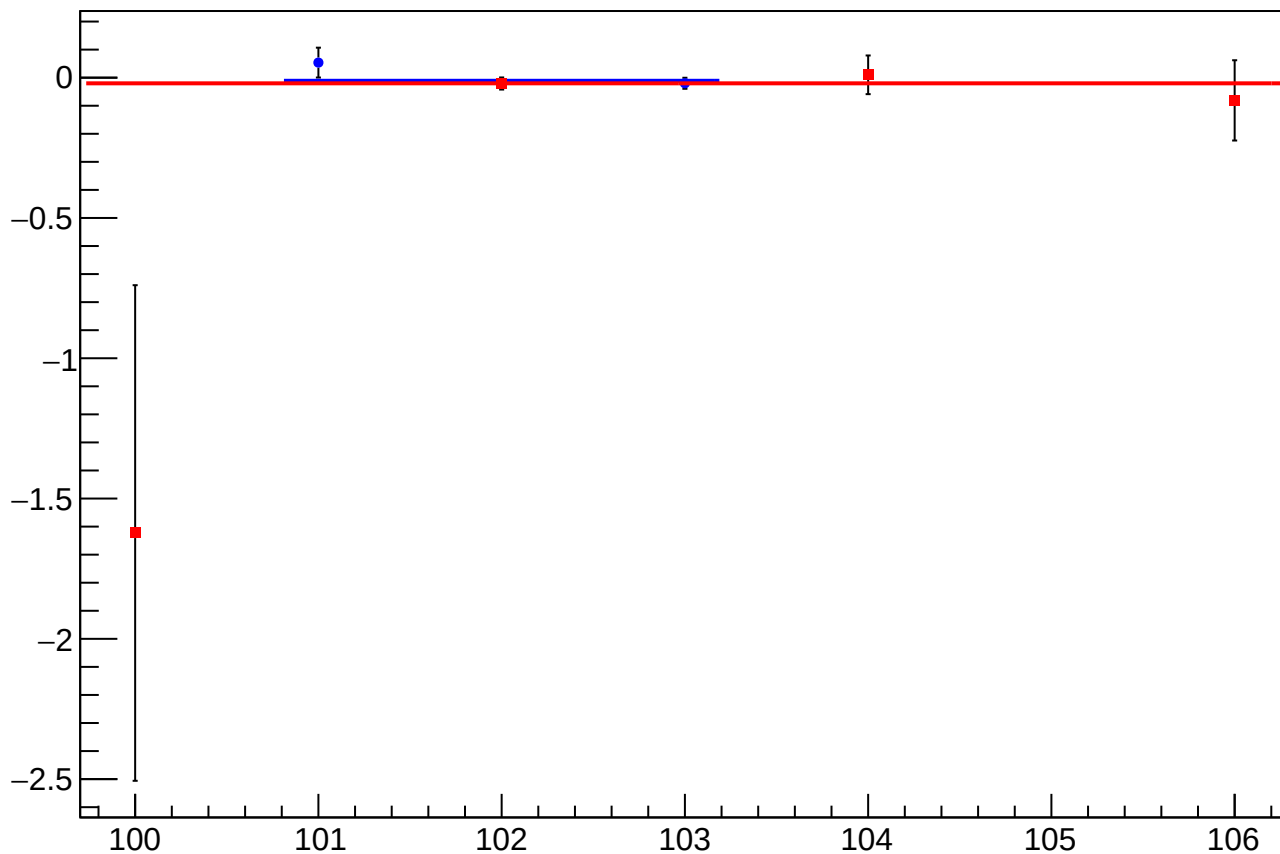
Right: 0.000+/-0.000 χ^2/NDF : 324183.2/5

In: 0.000+/-0.000 χ^2/NDF : 57789.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 324183.2/5

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

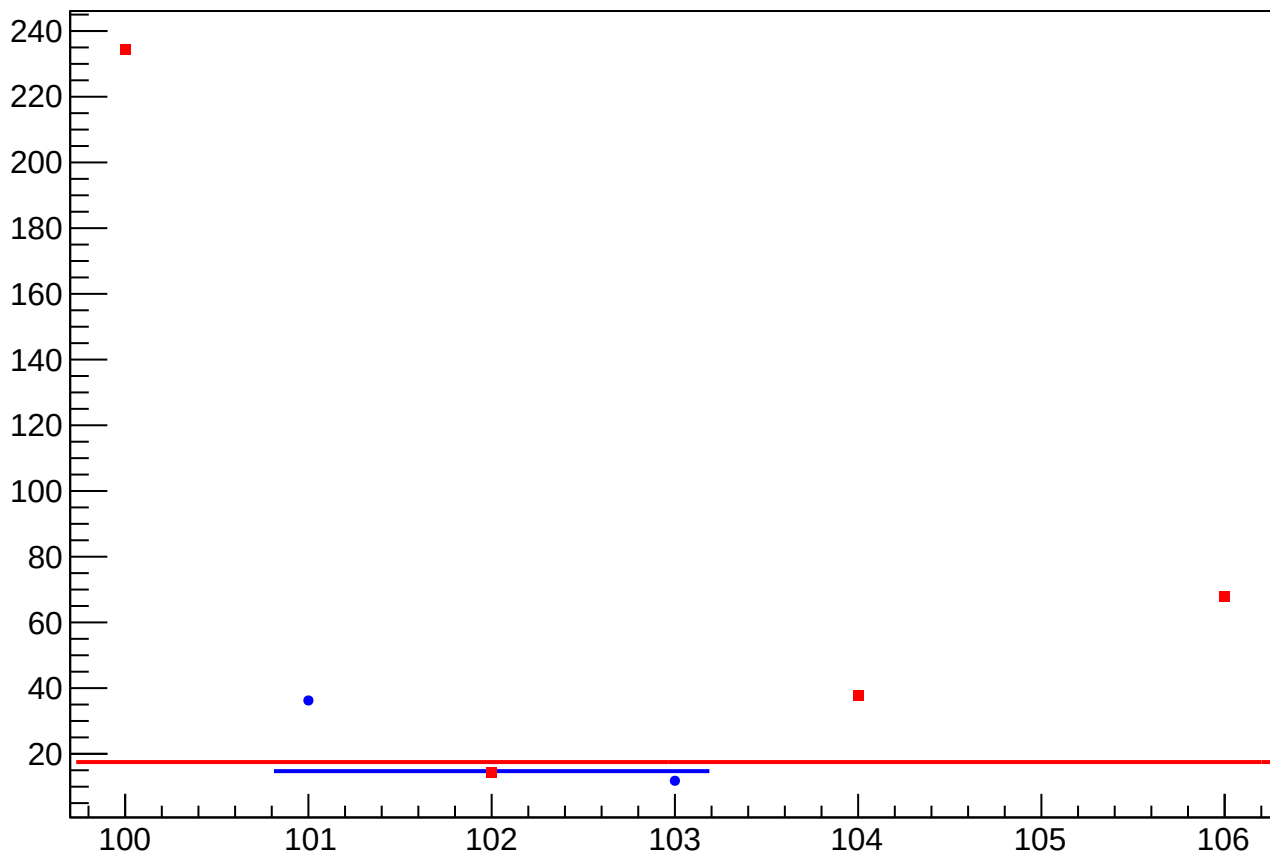
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.496+/-0.014 χ^2/NDF : 585828.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

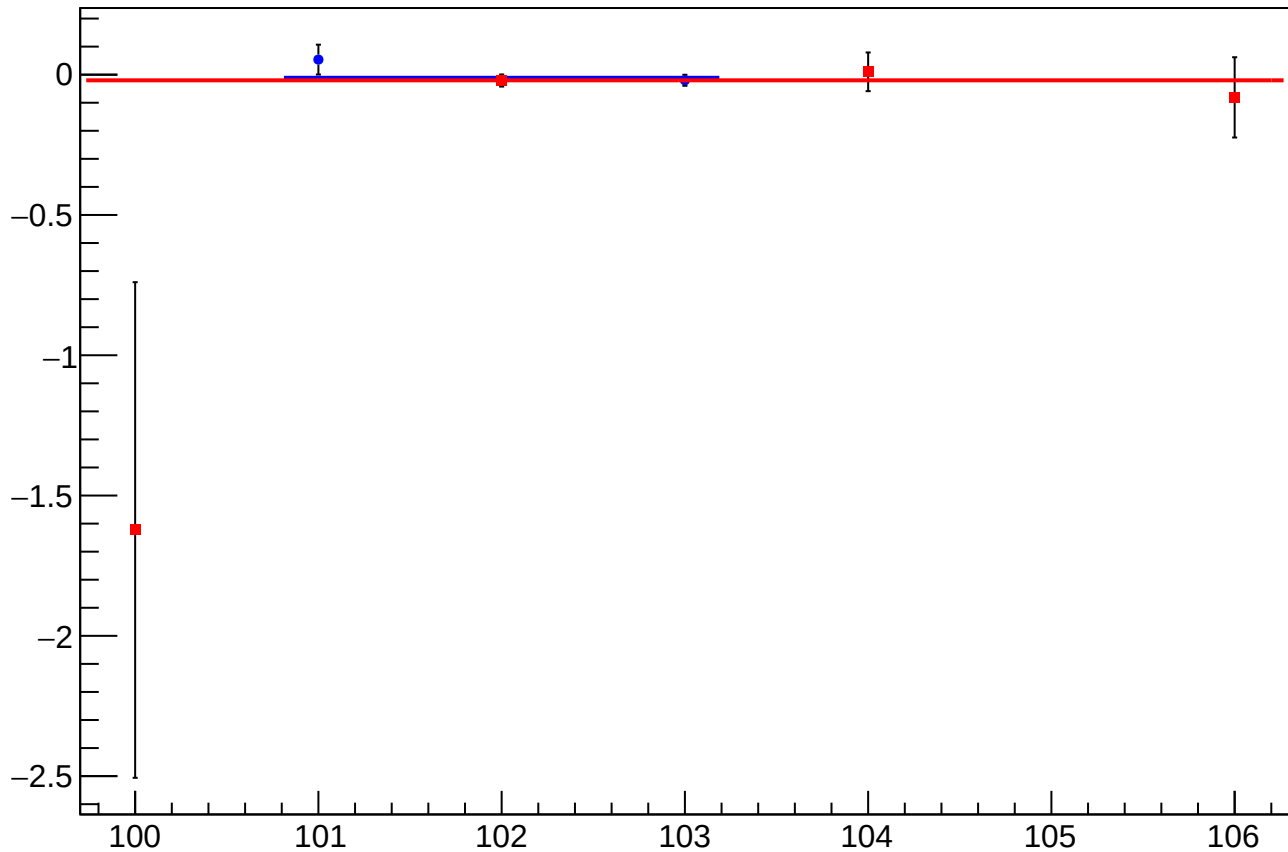
Right: 15.979+/-0.010 χ^2/NDF : 977261.4/5

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.979+/-0.010 χ^2/NDF : 977261.4/5

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

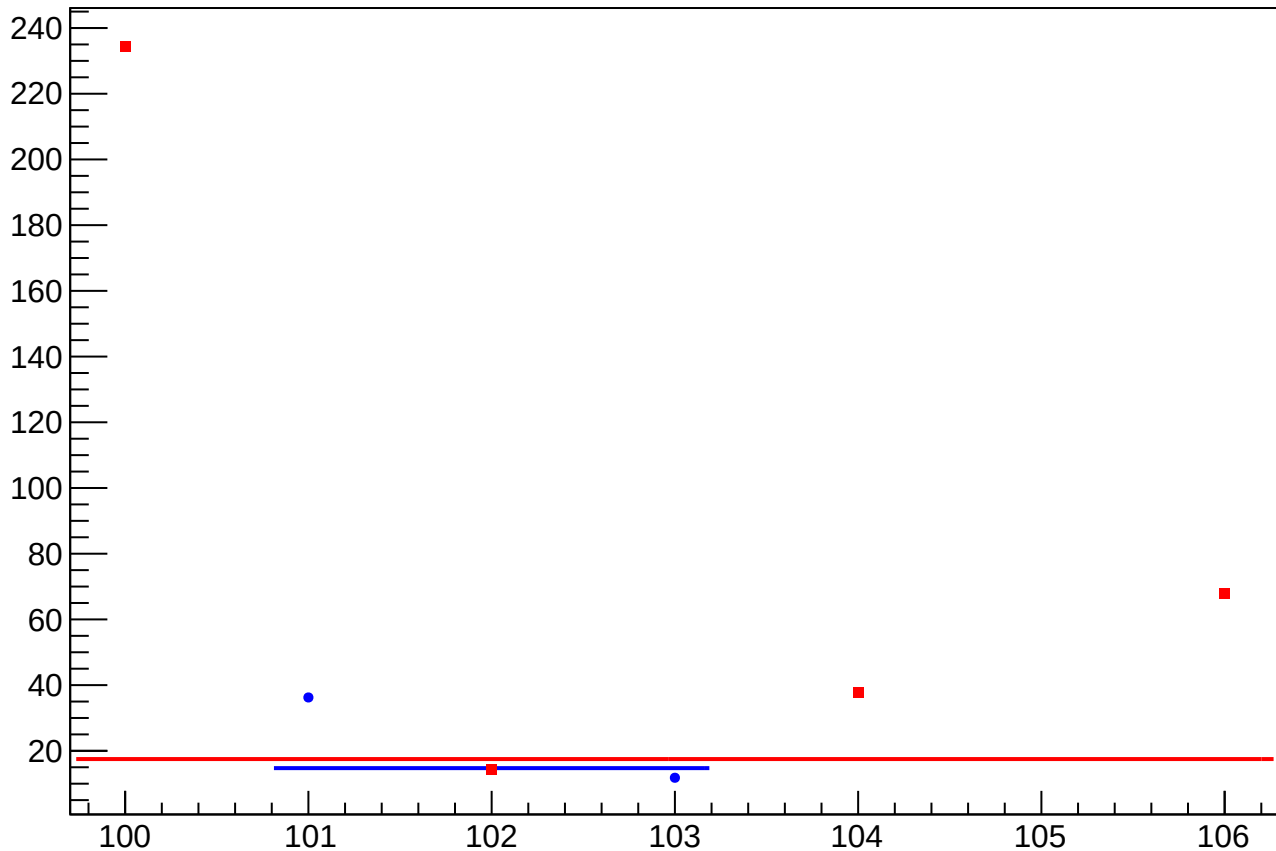
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.496+/-0.014 χ^2/NDF : 585828.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

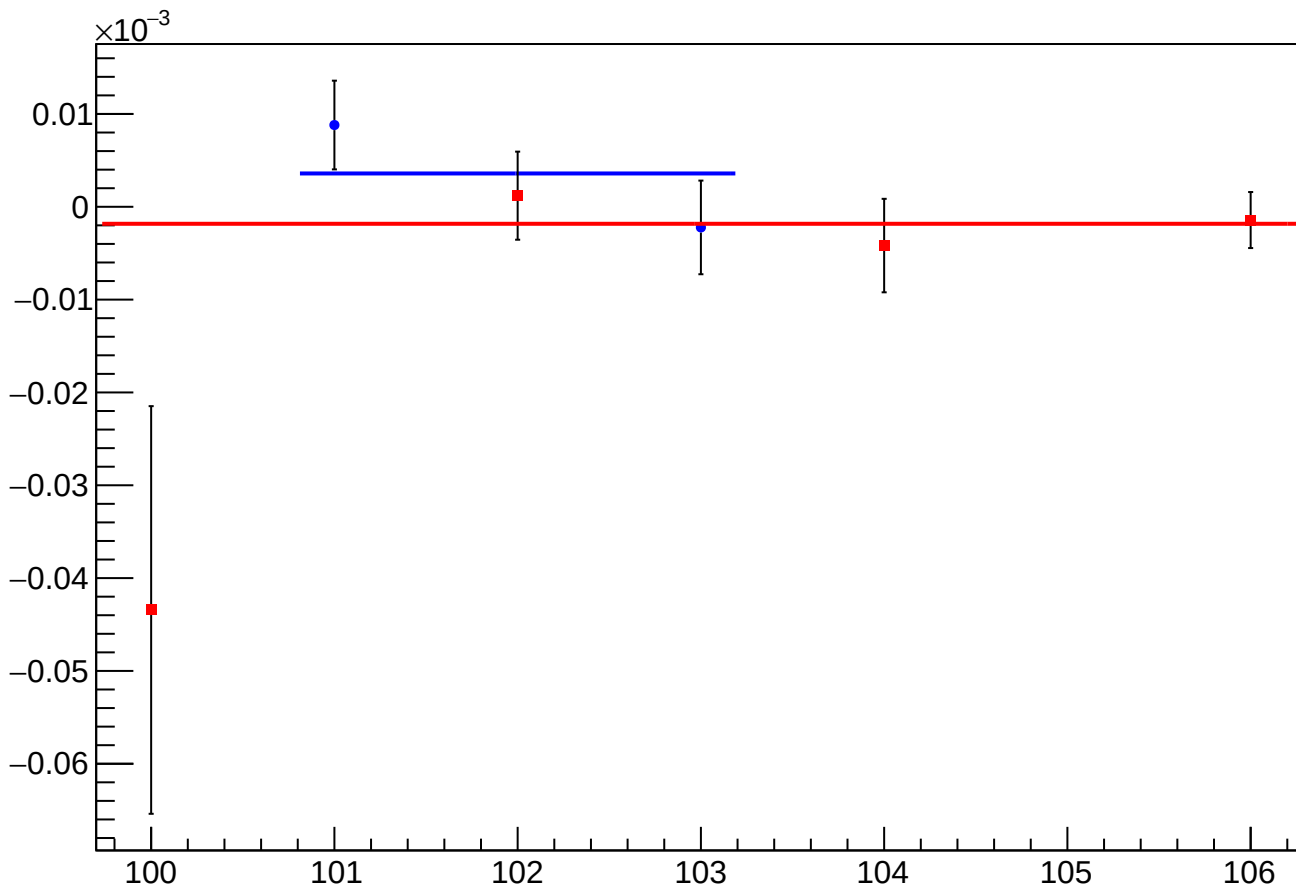
Right: 15.979+/-0.010 χ^2/NDF : 977261.4/5

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.979+/-0.010 χ^2/NDF : 977261.4/5

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

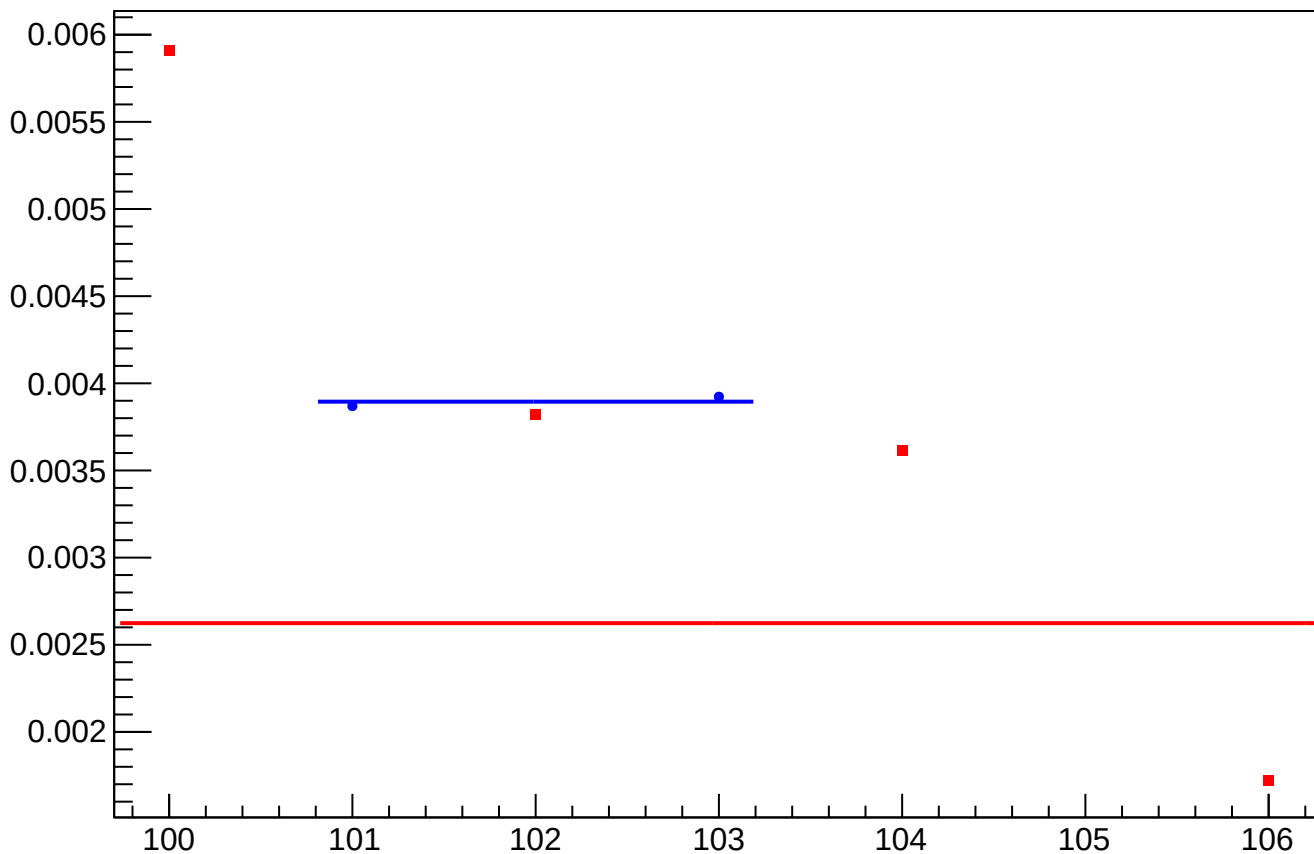
Right: -0.000+/-0.000 χ^2/NDF : 8.5/5

In: 0.000+/-0.000 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/5

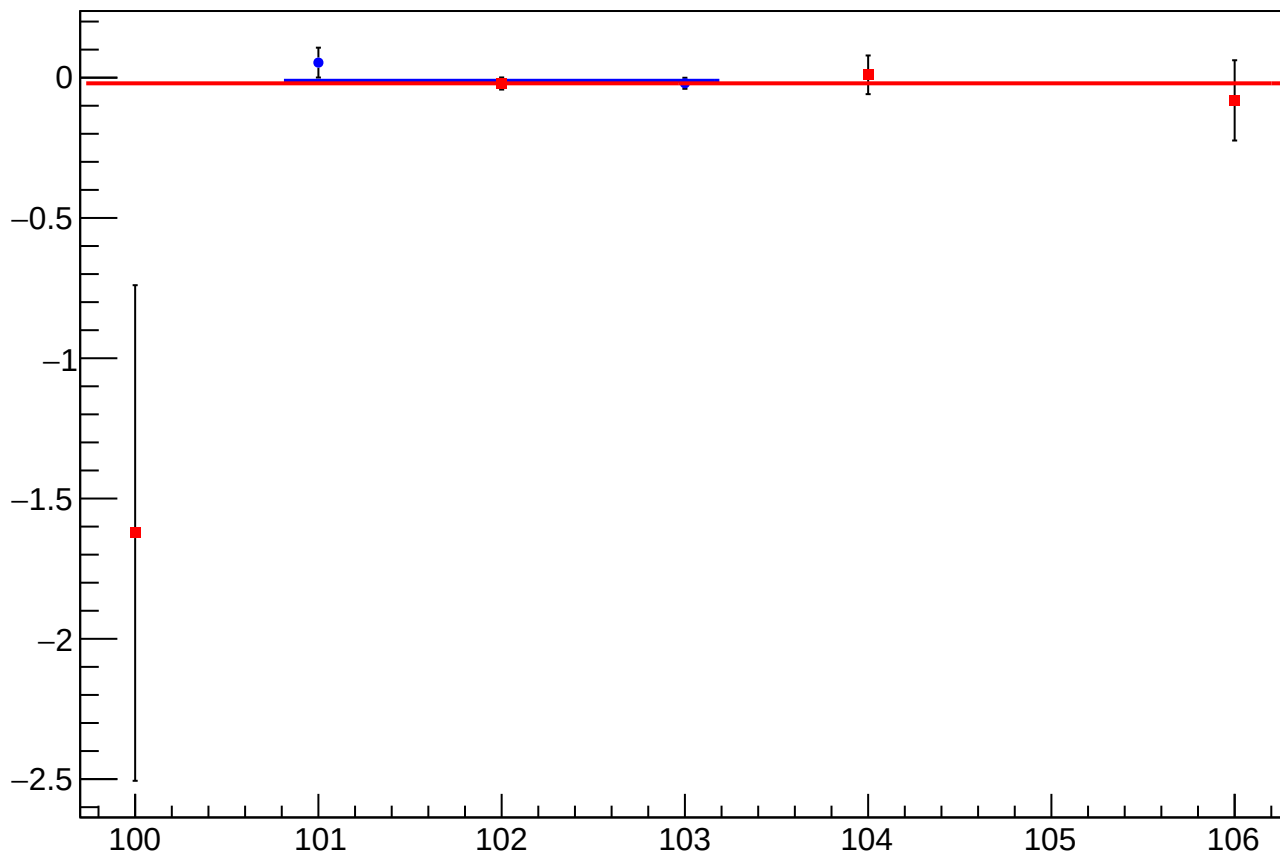
asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 119.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.003+/-0.000 χ^2/NDF : 428509.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.003+/-0.000 χ^2/NDF : 616991.2/5
 In: 0.004+/-0.000 χ^2/NDF : 119.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.000 χ^2/NDF : 616991.2/5

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

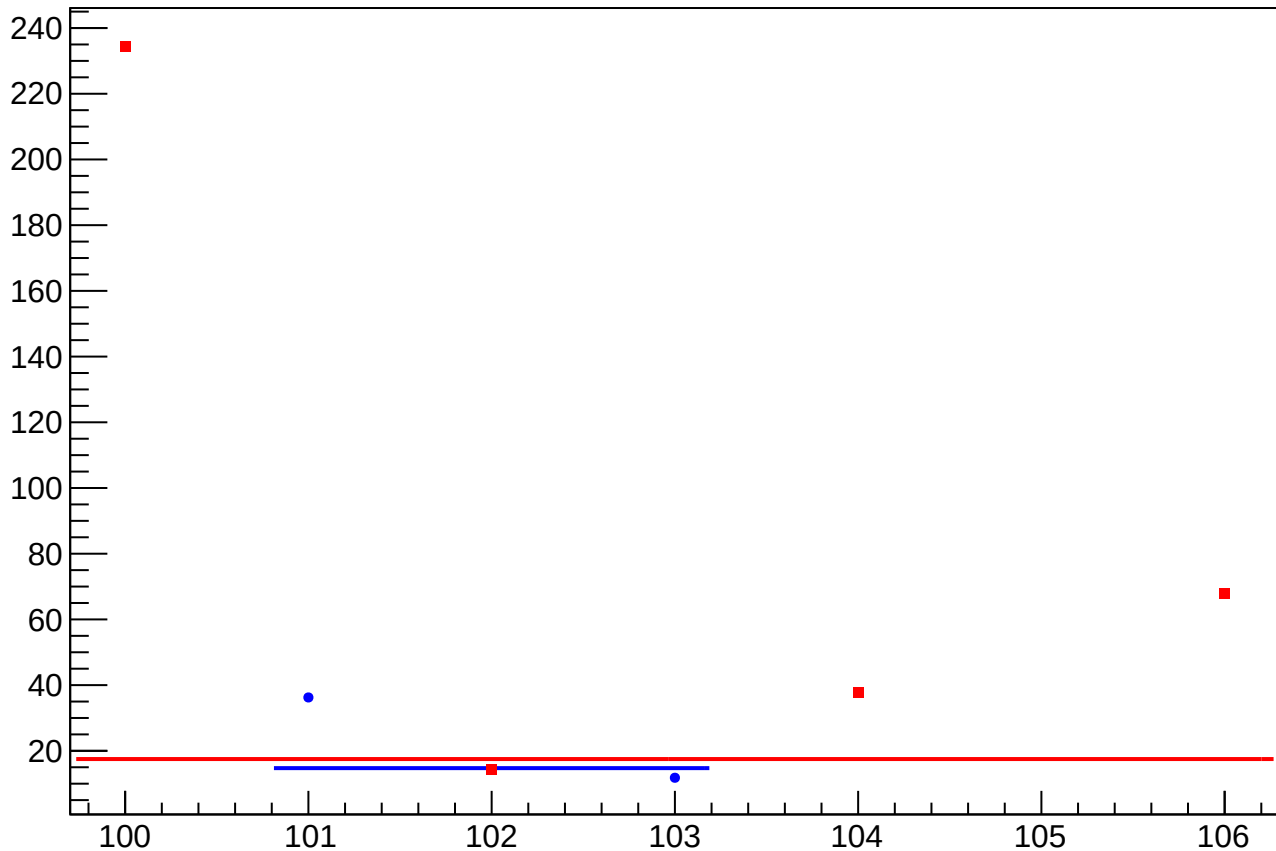
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.500+/-0.014 χ^2/NDF : 585755.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

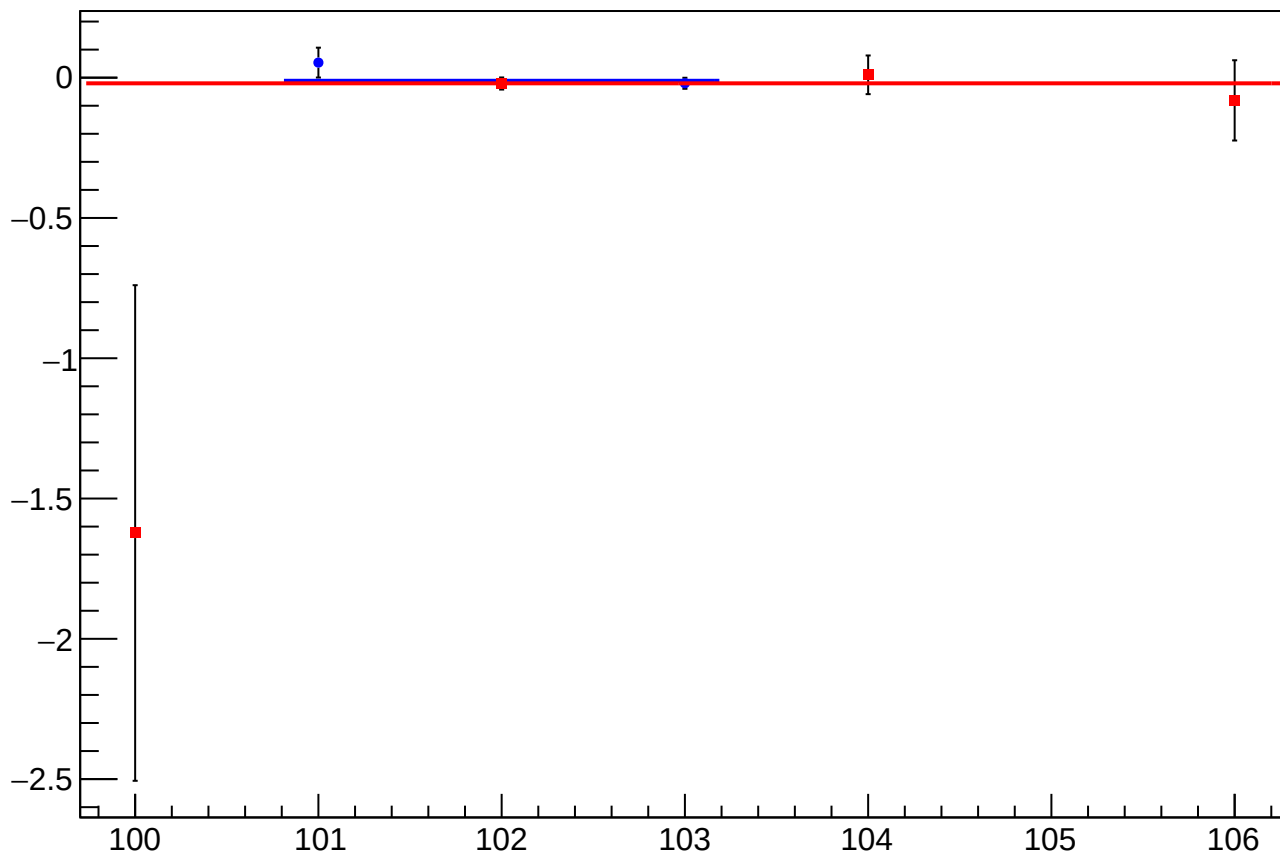
Right: 15.980+/-0.010 χ^2/NDF : 977312.7/5

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.980+/-0.010 χ^2/NDF : 977312.7/5

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.018 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.020 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

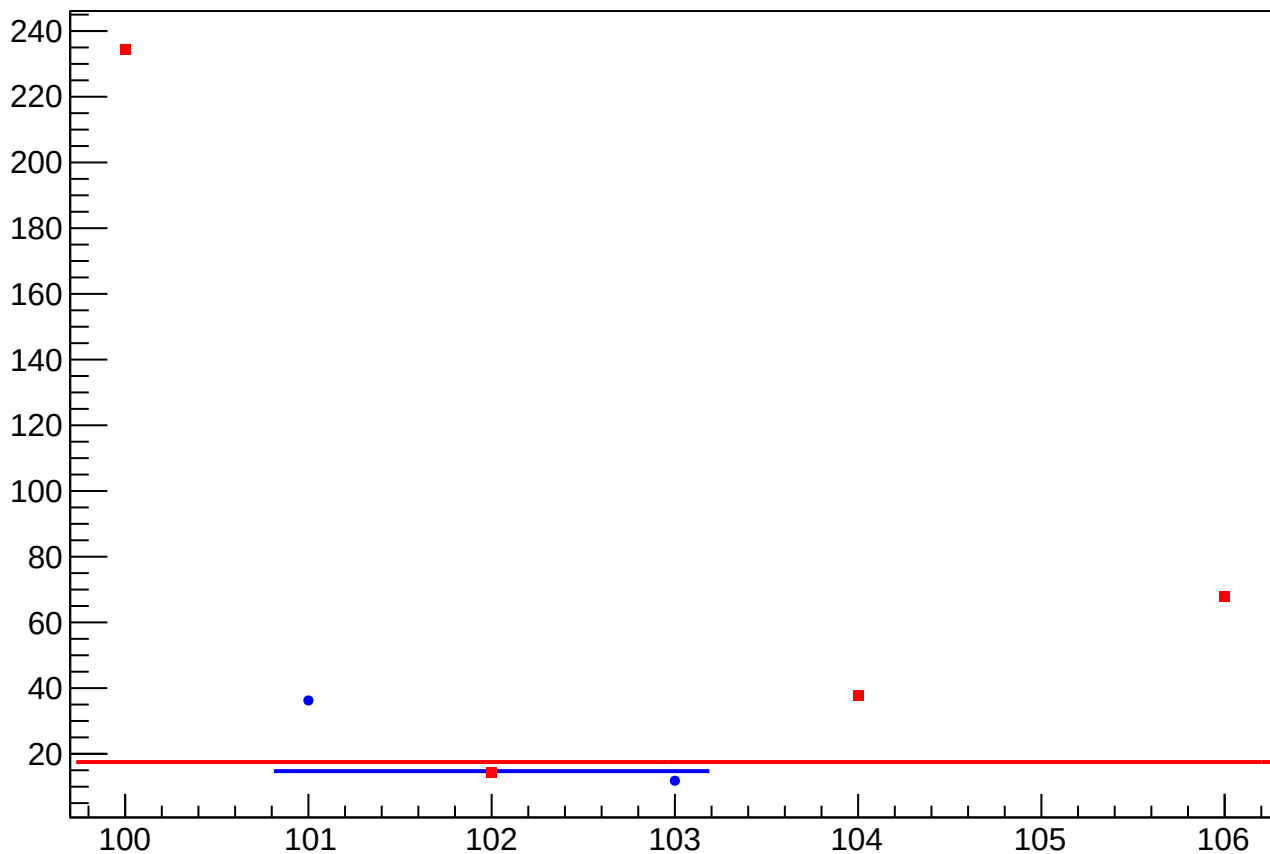
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

In: -0.011 $\pm$ 0.018 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.5/5

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.500+/-0.014 χ^2/NDF : 585755.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

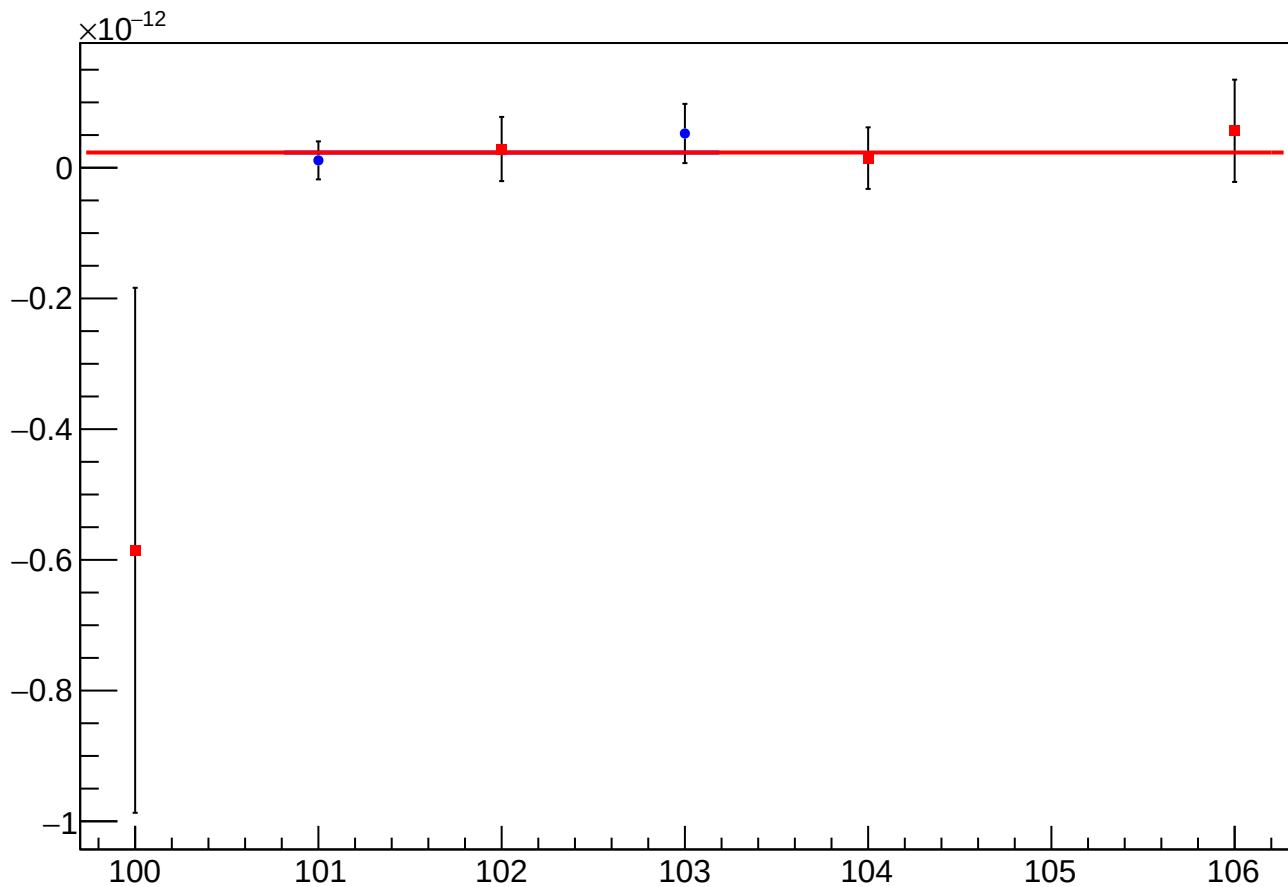
Right: 15.980+/-0.010 χ^2/NDF : 977312.7/5

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.980+/-0.010 χ^2/NDF : 977312.7/5

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

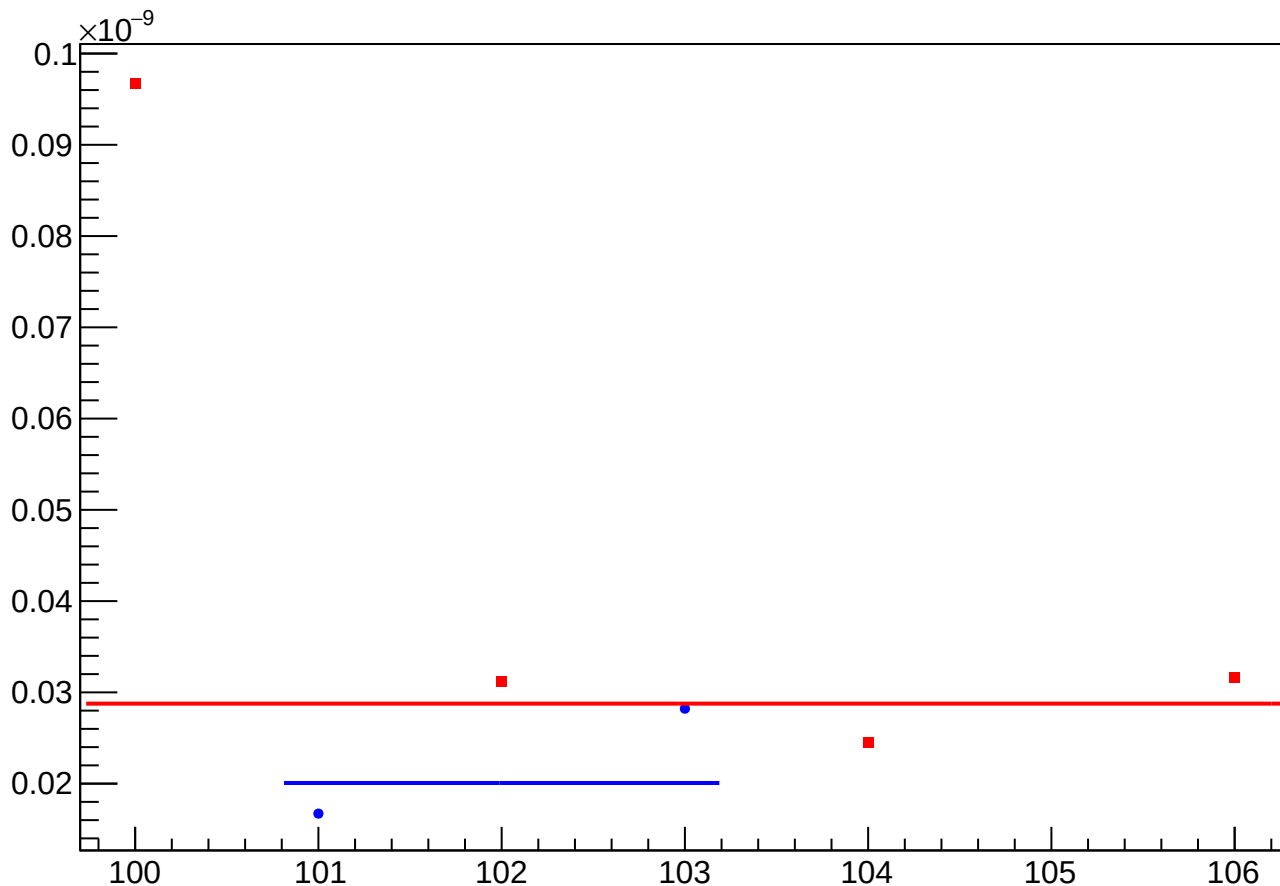
Right: 0.000+/-0.000 χ^2/NDF : 3.1/5

In: 0.000+/-0.000 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.1/5

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 91150.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 81319.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

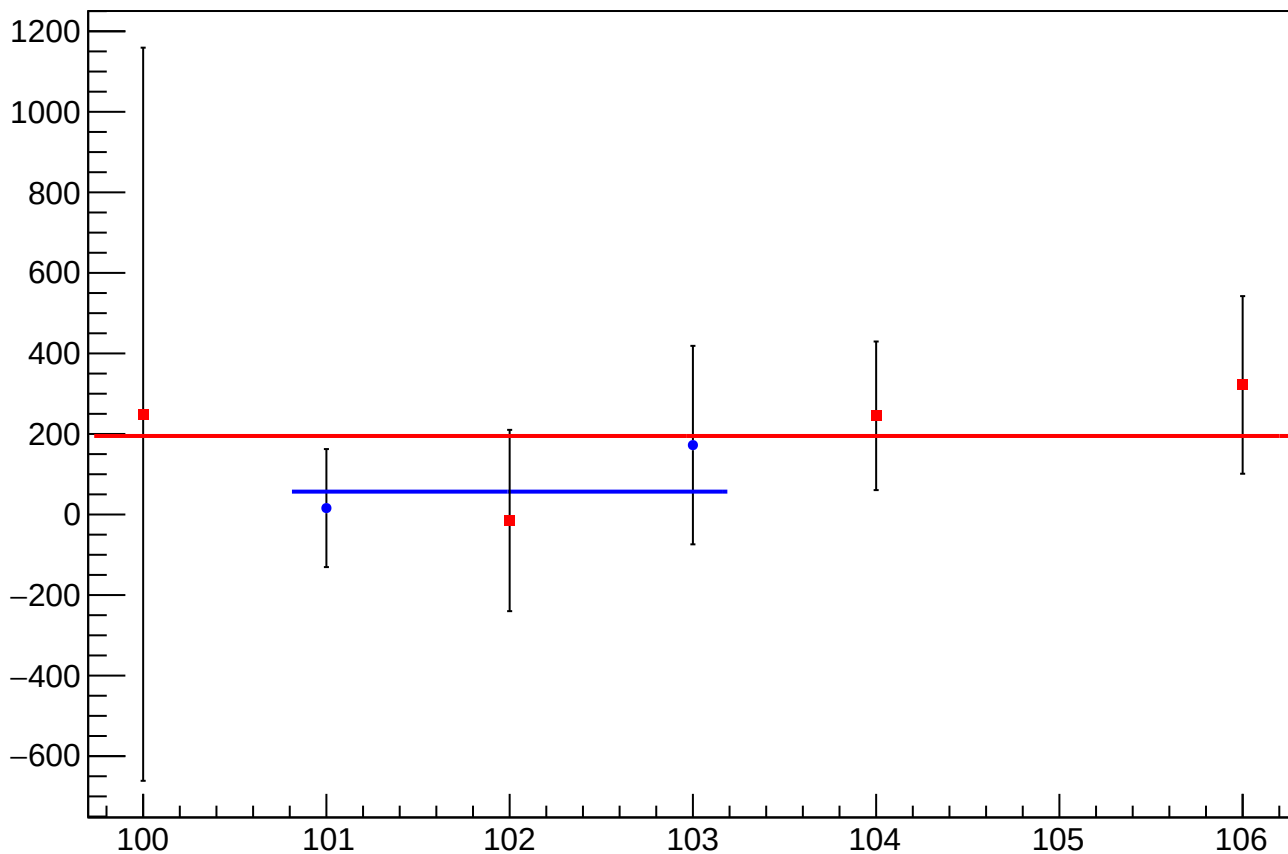
Right: 0.000+/-0.000 χ^2/NDF : 269009.4/5

In: 0.000+/-0.000 χ^2/NDF : 91150.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 269009.4/5

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.838+/-125.958 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.023+/-118.775 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

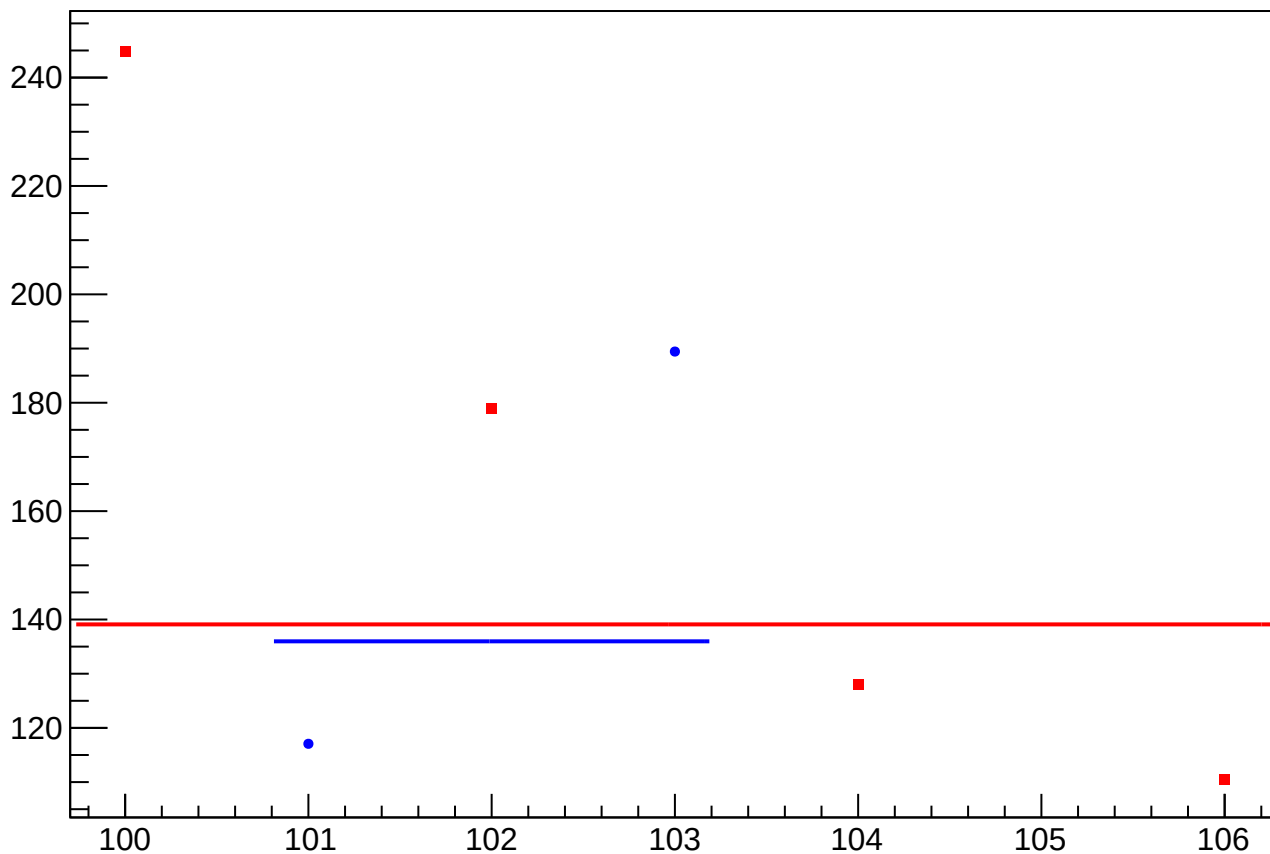
Right: 129.983+/-86.414 χ^2/NDF : 2.2/5

In: 56.838+/-125.958 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.983+/-86.414 χ^2/NDF : 2.2/5

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974+/-0.089 χ^2/NDF : 127442.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.100+/-0.084 χ^2/NDF : 130640.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

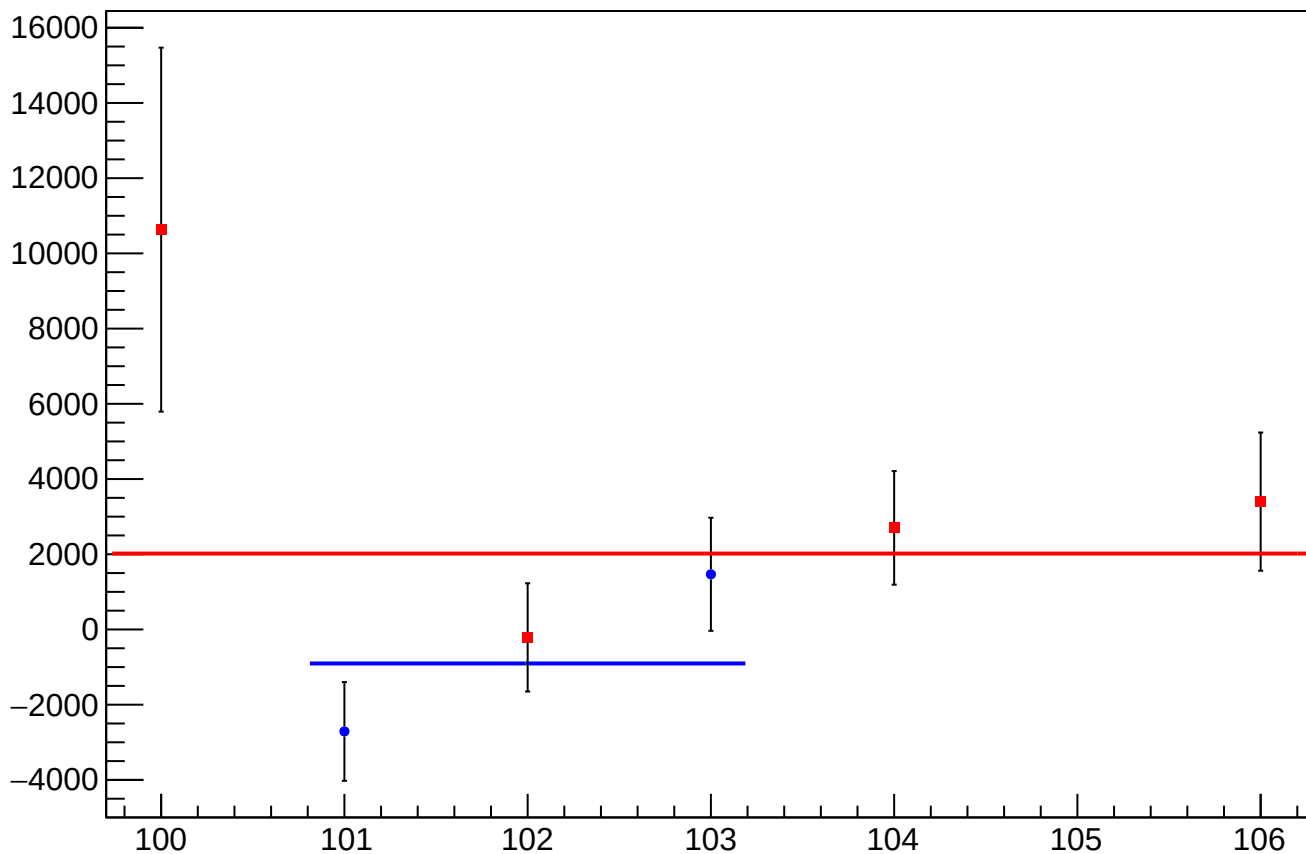
Right: 137.629+/-0.061 χ^2/NDF : 258735.6/5

In: 135.974+/-0.089 χ^2/NDF : 127442.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.629+/-0.061 χ^2/NDF : 258735.6/5

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -903.752+/-988.764 χ^2 /NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2018.516+/-890.832 χ^2 /NDF: 6.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

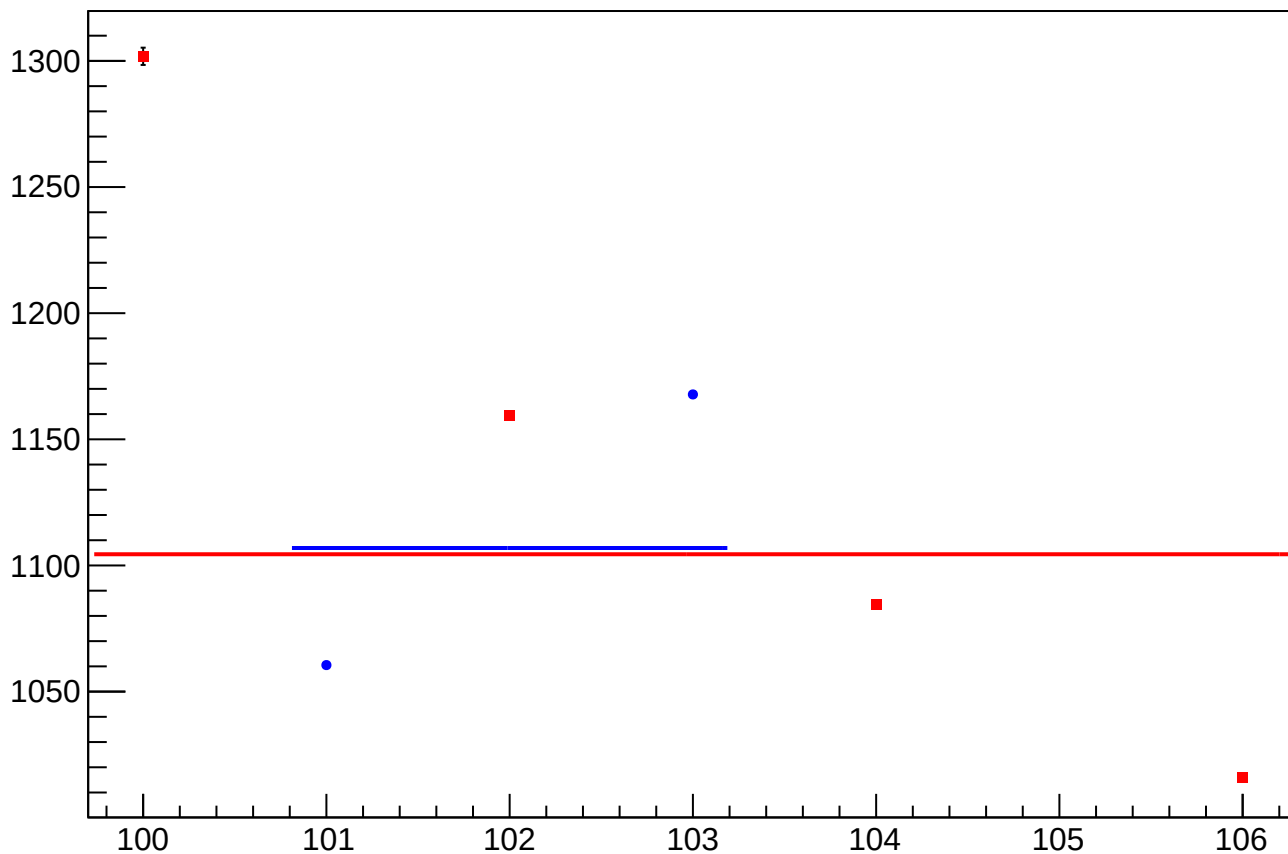
Right: 709.228+/-661.836 χ^2 /NDF: 15.5/5

In: -903.752+/-988.764 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 709.228+/-661.836 χ^2 /NDF: 15.5/5

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1106.919+/-0.699 χ^2/NDF : 5779.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.443+/-0.630 χ^2/NDF : 11214.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

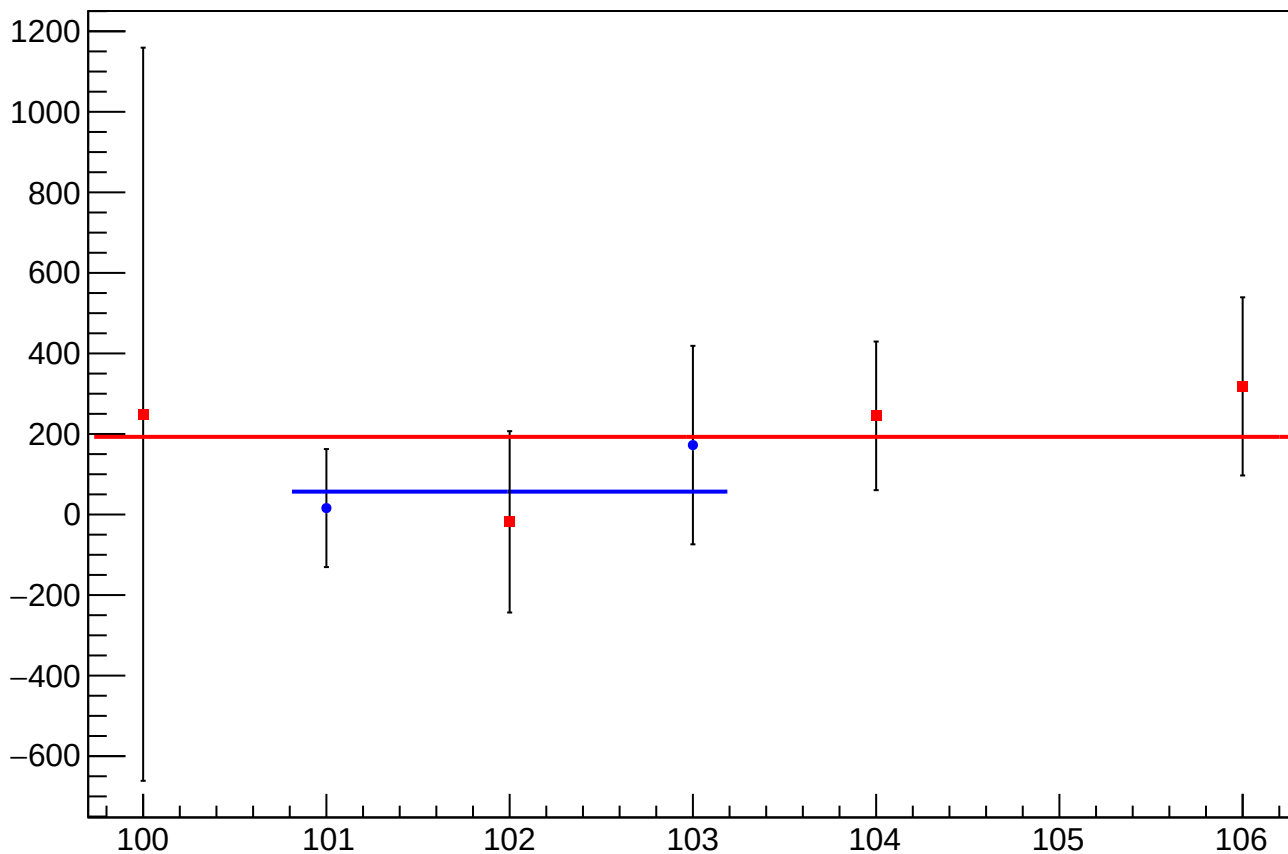
Right: 1105.553+/-0.468 χ^2/NDF : 17000.3/5

In: 1106.919+/-0.699 χ^2/NDF : 5779.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.553+/-0.468 χ^2/NDF : 17000.3/5

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.841 $\pm$ 118.899 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

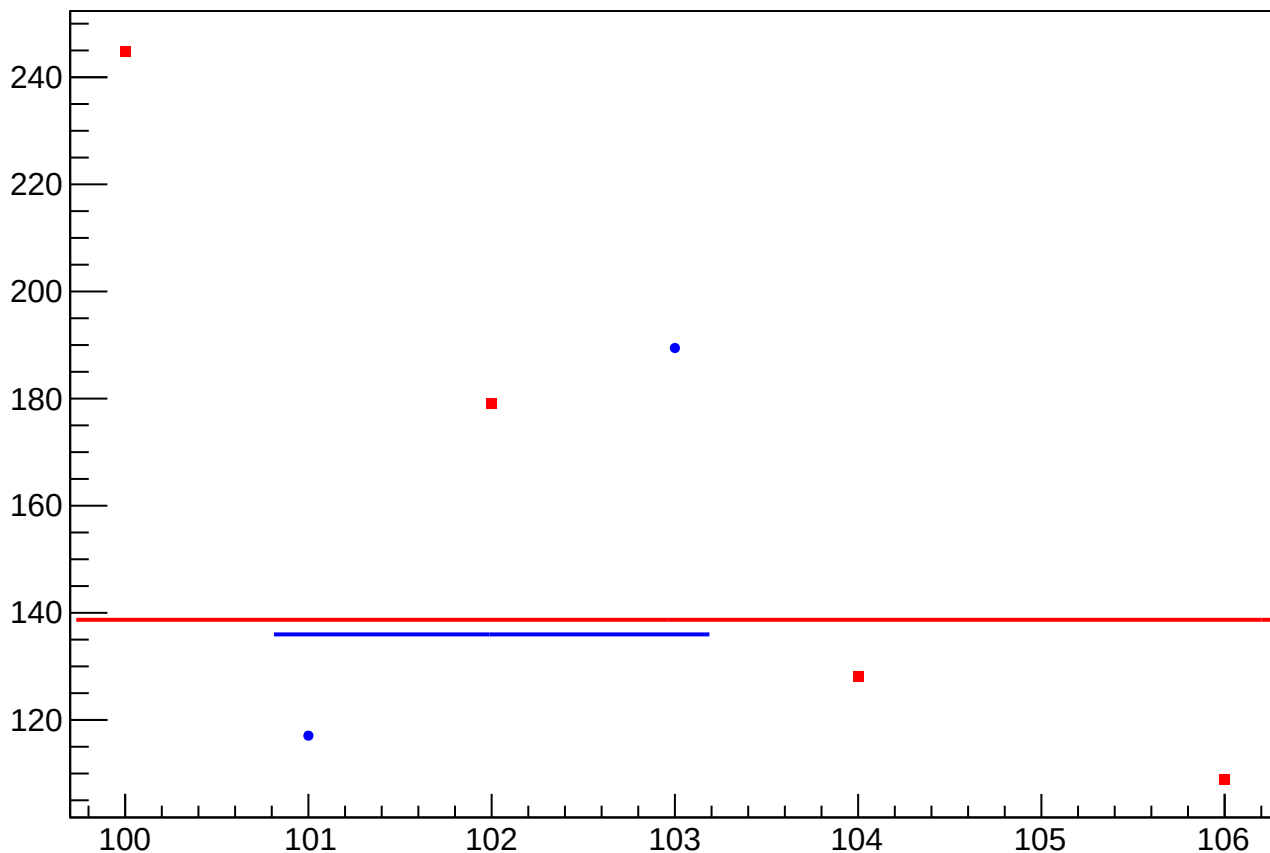
Right: 128.762 $\pm$ 86.462 χ^2 /NDF: 2.2/5

In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.762 $\pm$ 86.462 χ^2 /NDF: 2.2/5

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.702+/-0.084 χ^2/NDF : 134451.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

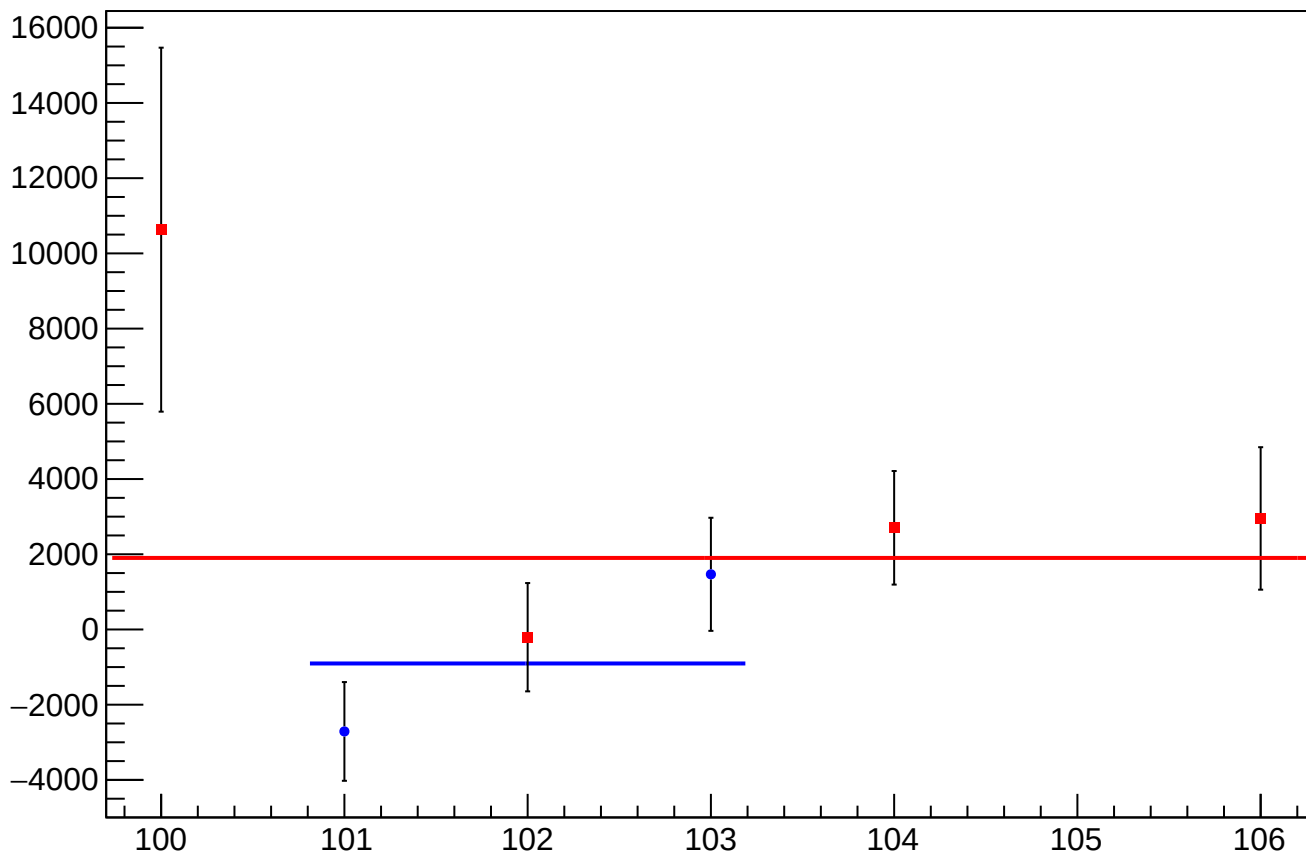
Right: 137.417+/-0.061 χ^2/NDF : 262393.6/5

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.417+/-0.061 χ^2/NDF : 262393.6/5

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1902.364+/-897.235 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

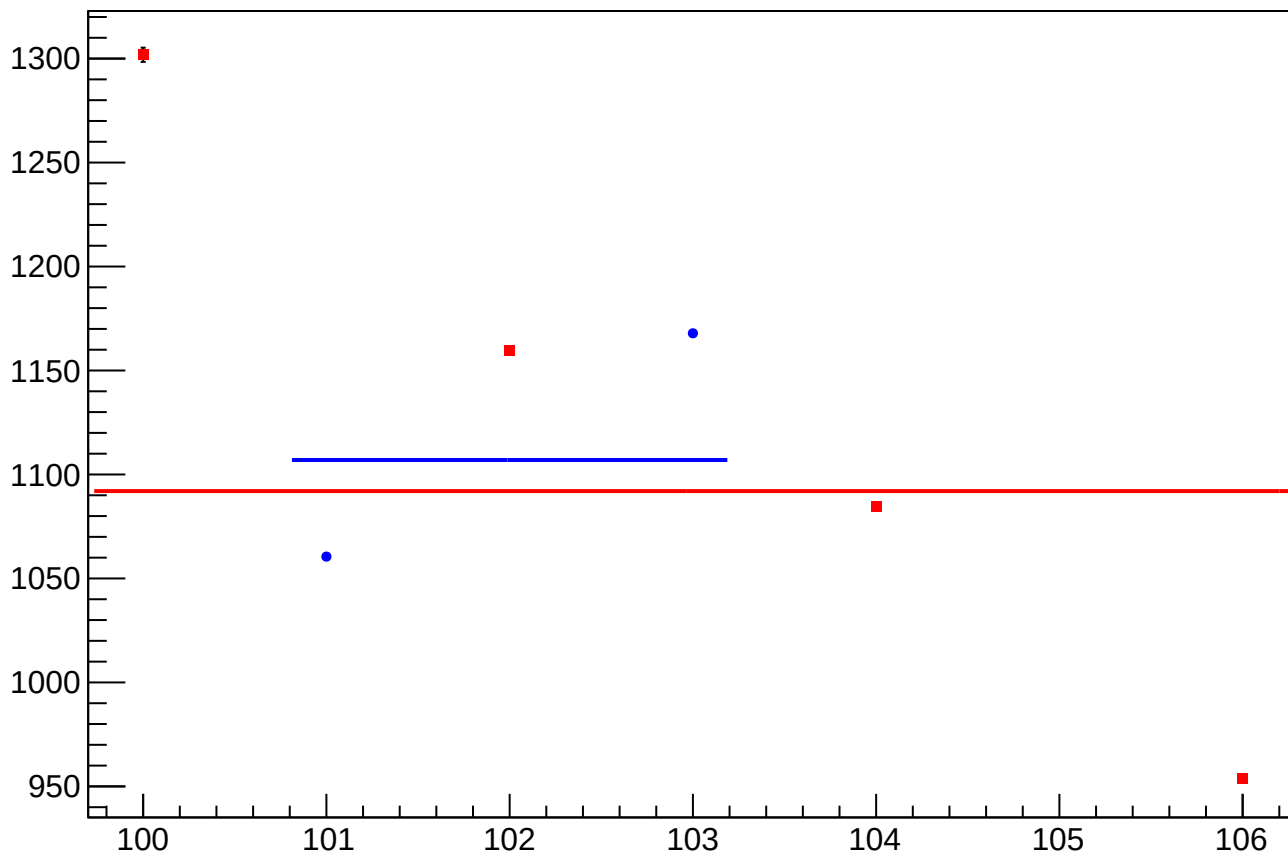
Right: 635.081+/-664.460 χ^2/NDF : 14.8/5

In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.081+/-664.460 χ^2/NDF : 14.8/5

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.959 $\pm$ 0.699 χ^2 /NDF: 5789.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1092.019 $\pm$ 0.634 χ^2 /NDF: 18857.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

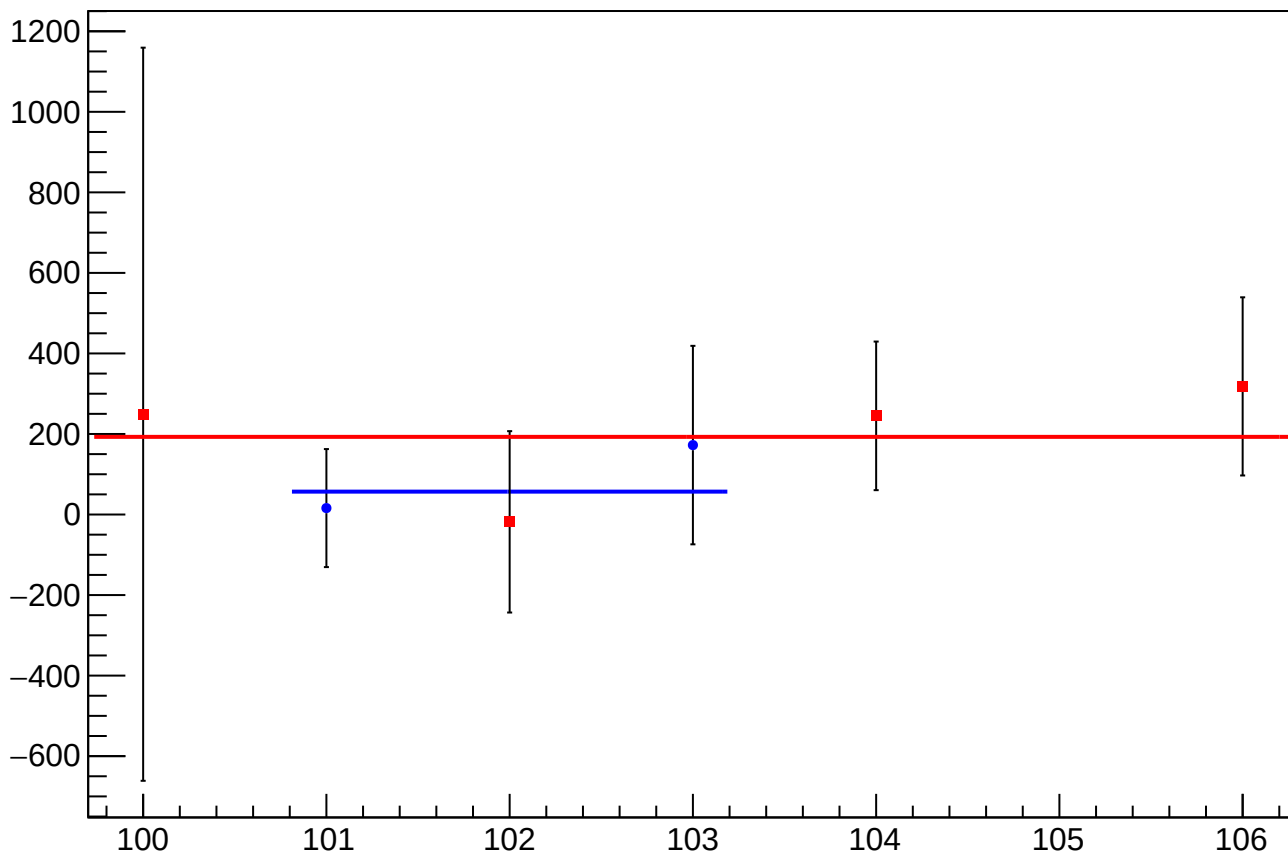
Right: 1098.765 $\pm$ 0.470 χ^2 /NDF: 24897.8/5

In: 1106.959 $\pm$ 0.699 χ^2 /NDF: 5789.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1098.765 $\pm$ 0.470 χ^2 /NDF: 24897.8/5

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.841 $\pm$ 118.899 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

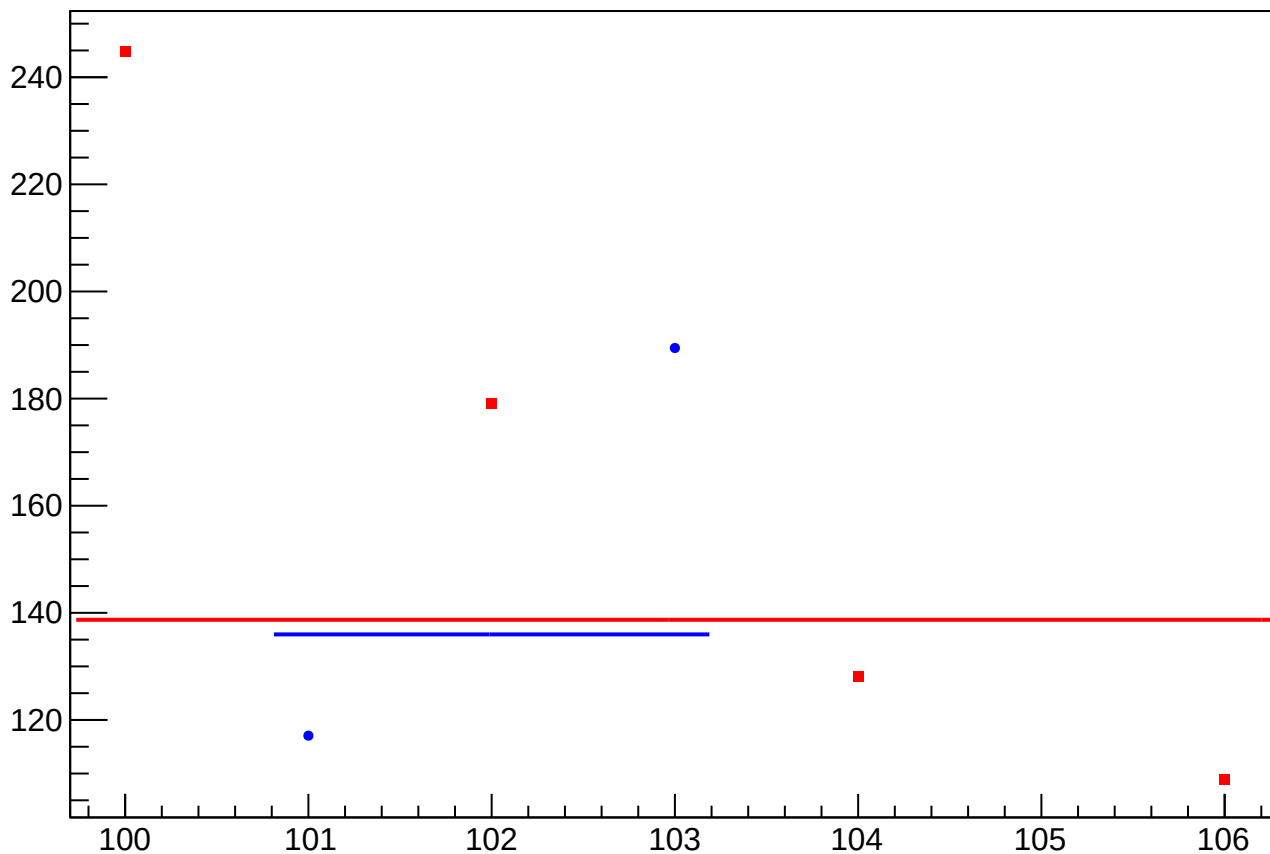
Right: 128.762 $\pm$ 86.462 χ^2 /NDF: 2.2/5

In: 56.848 $\pm$ 125.958 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.762 $\pm$ 86.462 χ^2 /NDF: 2.2/5

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.702+/-0.084 χ^2/NDF : 134451.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

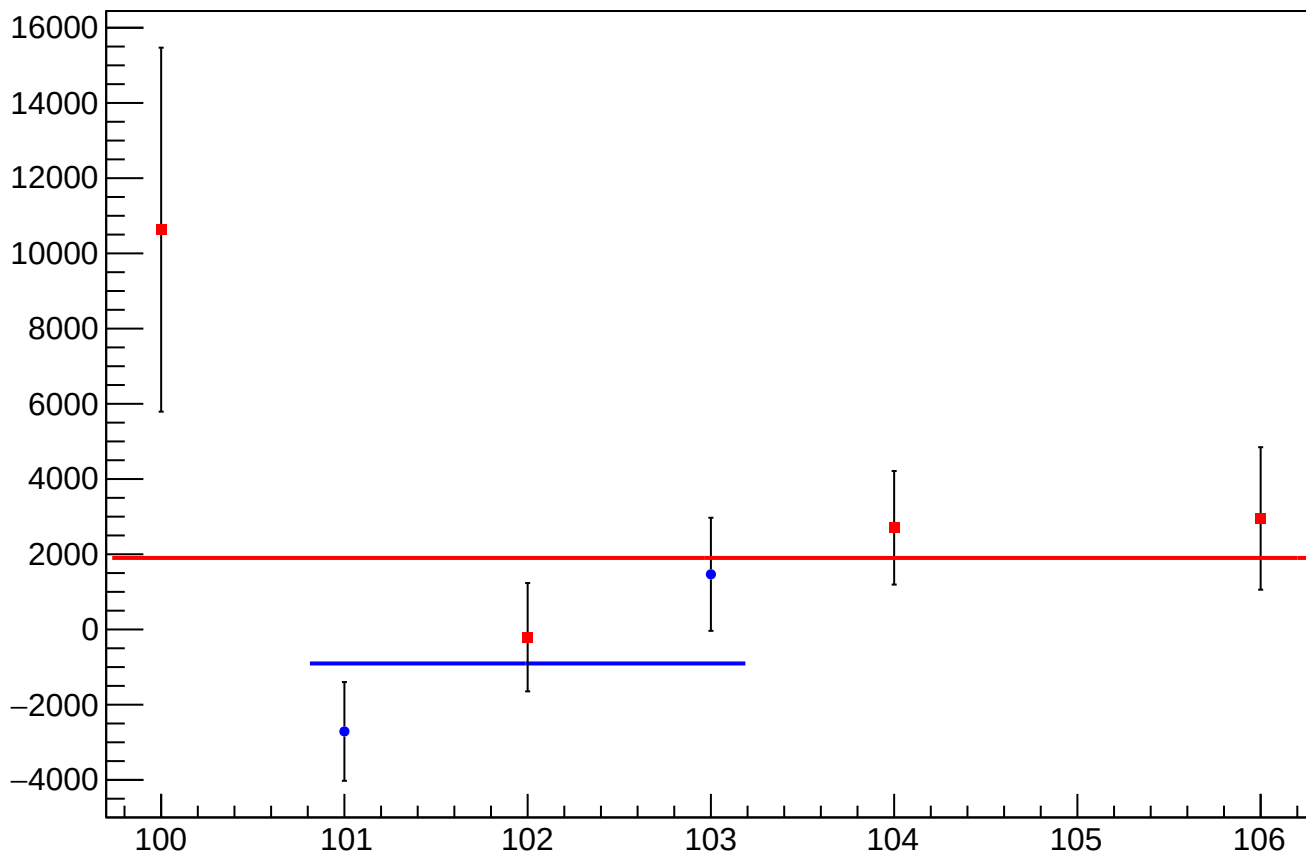
Right: 137.417+/-0.061 χ^2/NDF : 262393.6/5

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.417+/-0.061 χ^2/NDF : 262393.6/5

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1902.364+/-897.235 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

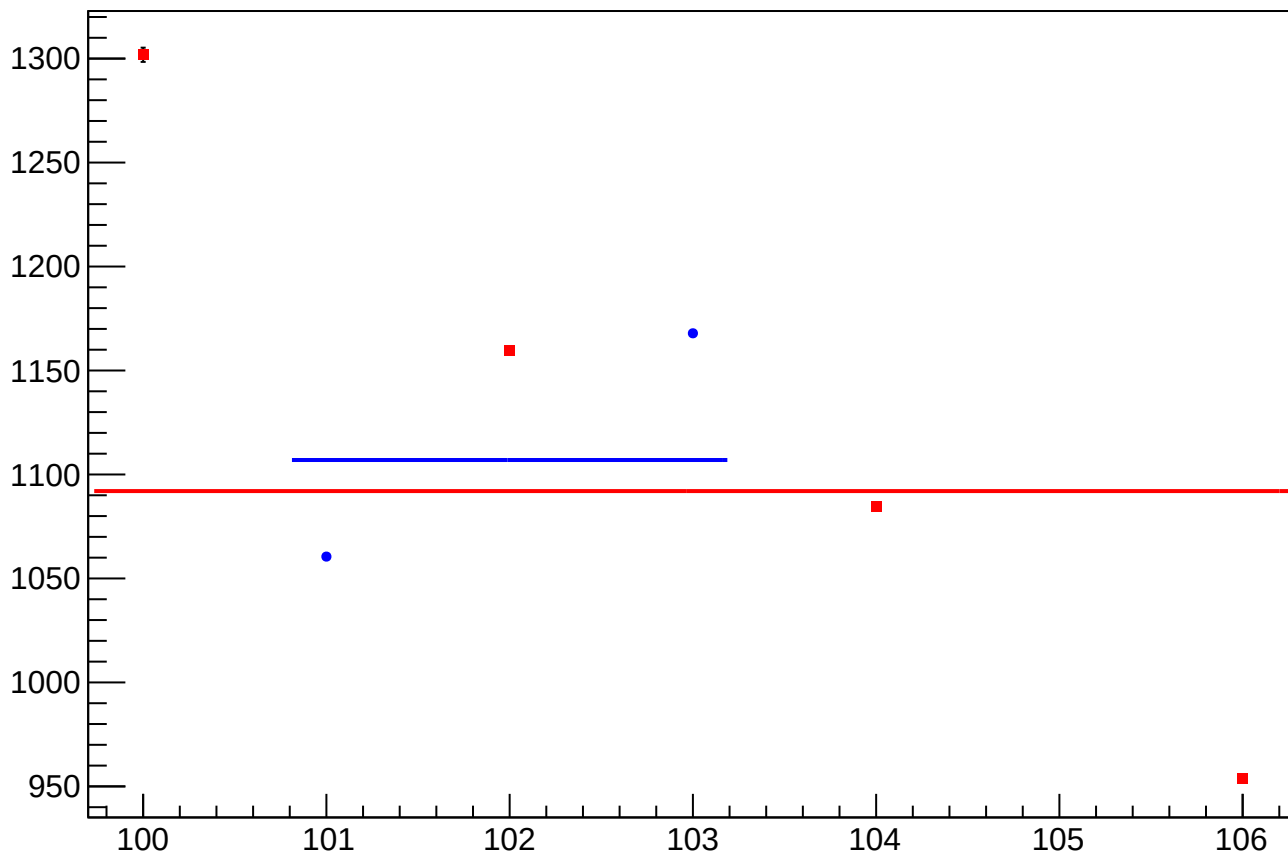
Right: 635.081+/-664.460 χ^2/NDF : 14.8/5

In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.081+/-664.460 χ^2/NDF : 14.8/5

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.019+/-0.634 χ^2/NDF : 18857.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

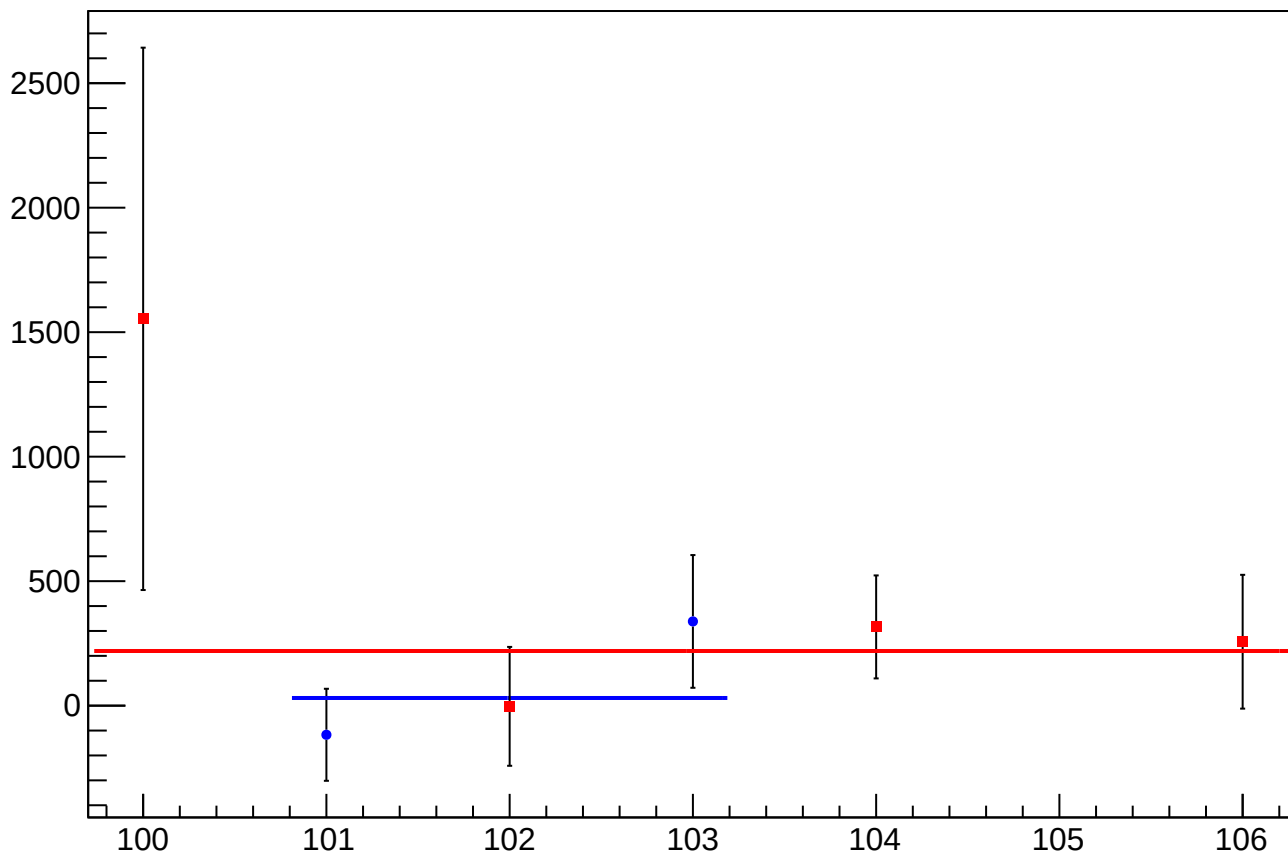
Right: 1098.765+/-0.470 χ^2/NDF : 24897.8/5

In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.765+/-0.470 χ^2/NDF : 24897.8/5

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 30.812 $\pm$ 151.864 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 219.531 $\pm$ 134.090 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

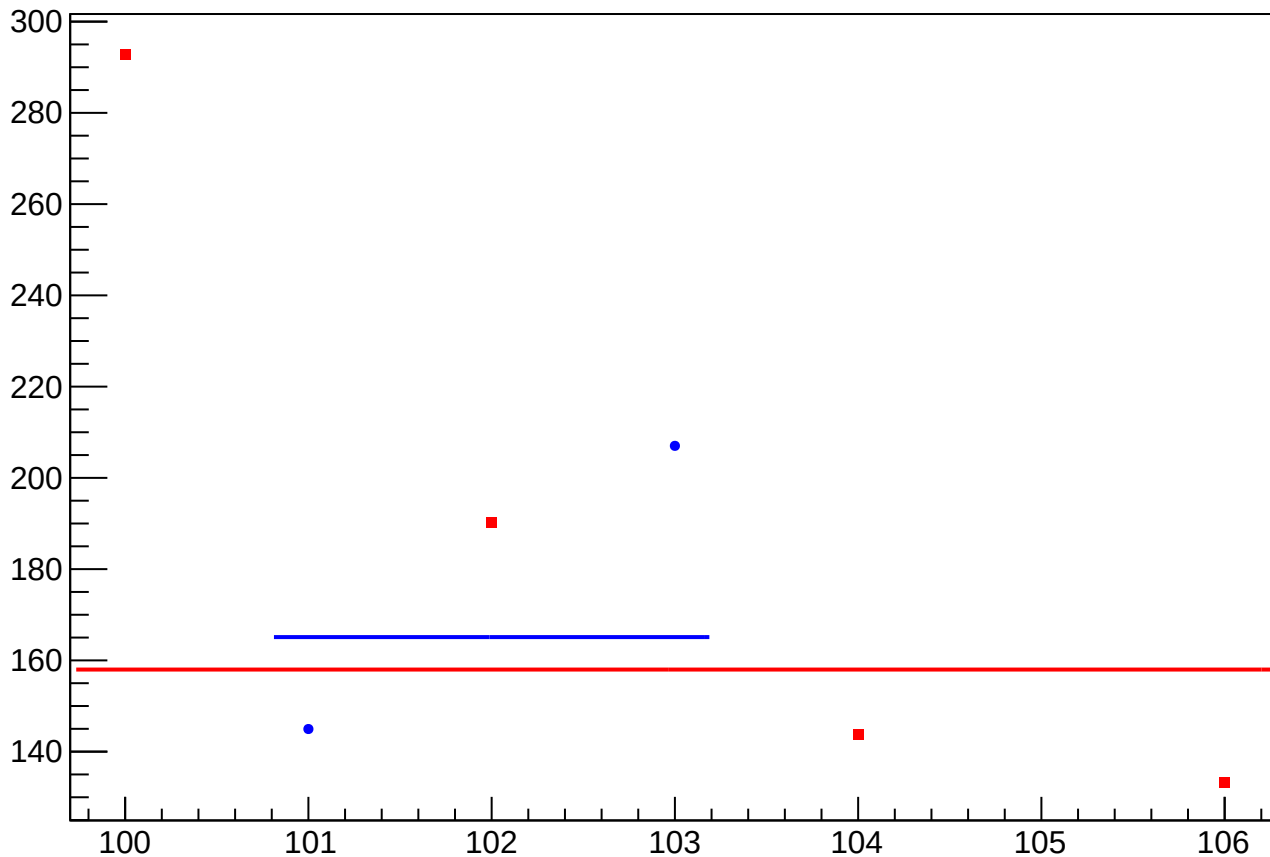
Right: 136.856 $\pm$ 100.516 χ^2 /NDF: 5.4/5

In: 30.812 $\pm$ 151.864 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.856 $\pm$ 100.516 χ^2 /NDF: 5.4/5

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 165.105+/-0.107 χ^2/NDF : 73238.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.990+/-0.095 χ^2/NDF : 93818.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

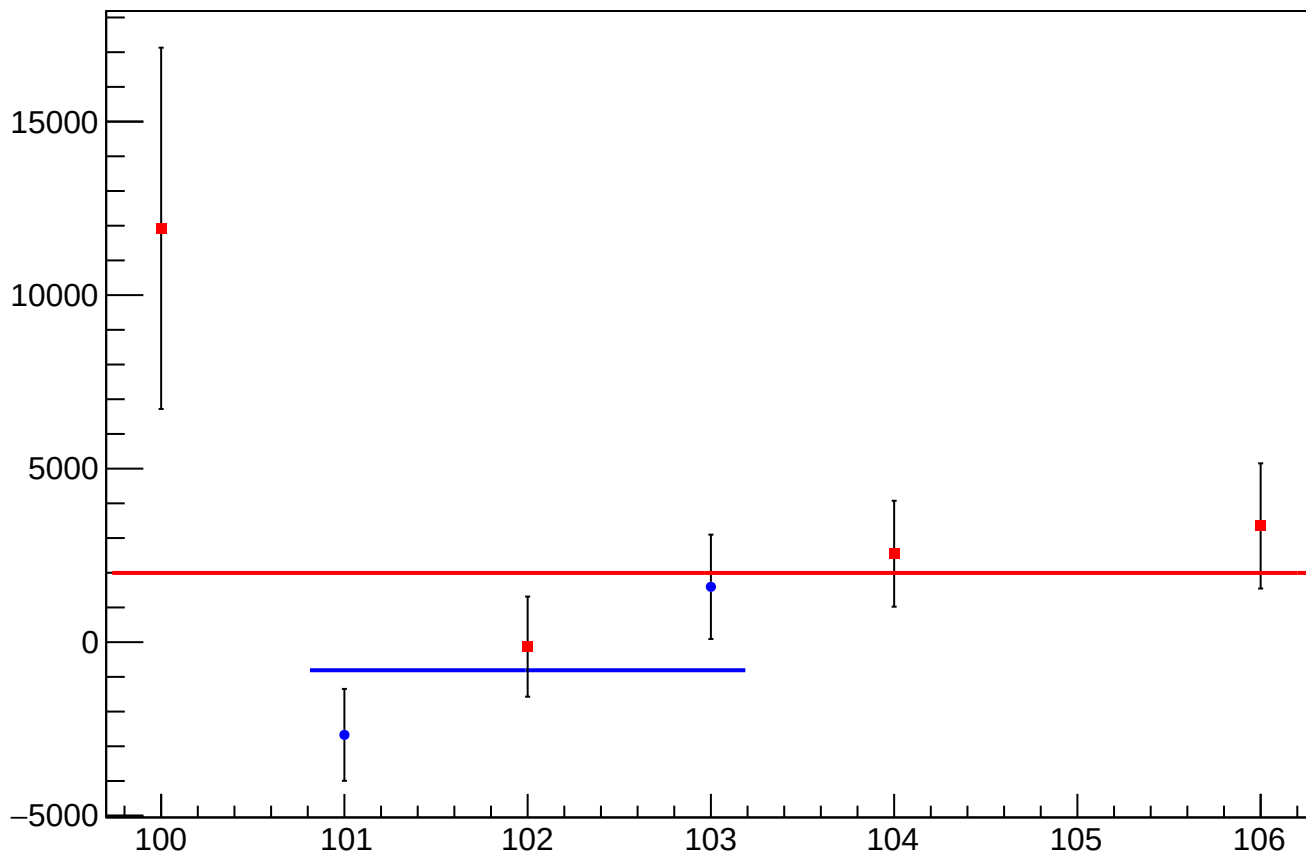
Right: 161.107+/-0.071 χ^2/NDF : 169524.8/5

In: 165.105+/-0.107 χ^2/NDF : 73238.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.107+/-0.071 χ^2/NDF : 169524.8/5

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -809.220+/-993.681 χ^2 /NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1994.551+/-893.012 χ^2 /NDF: 6.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

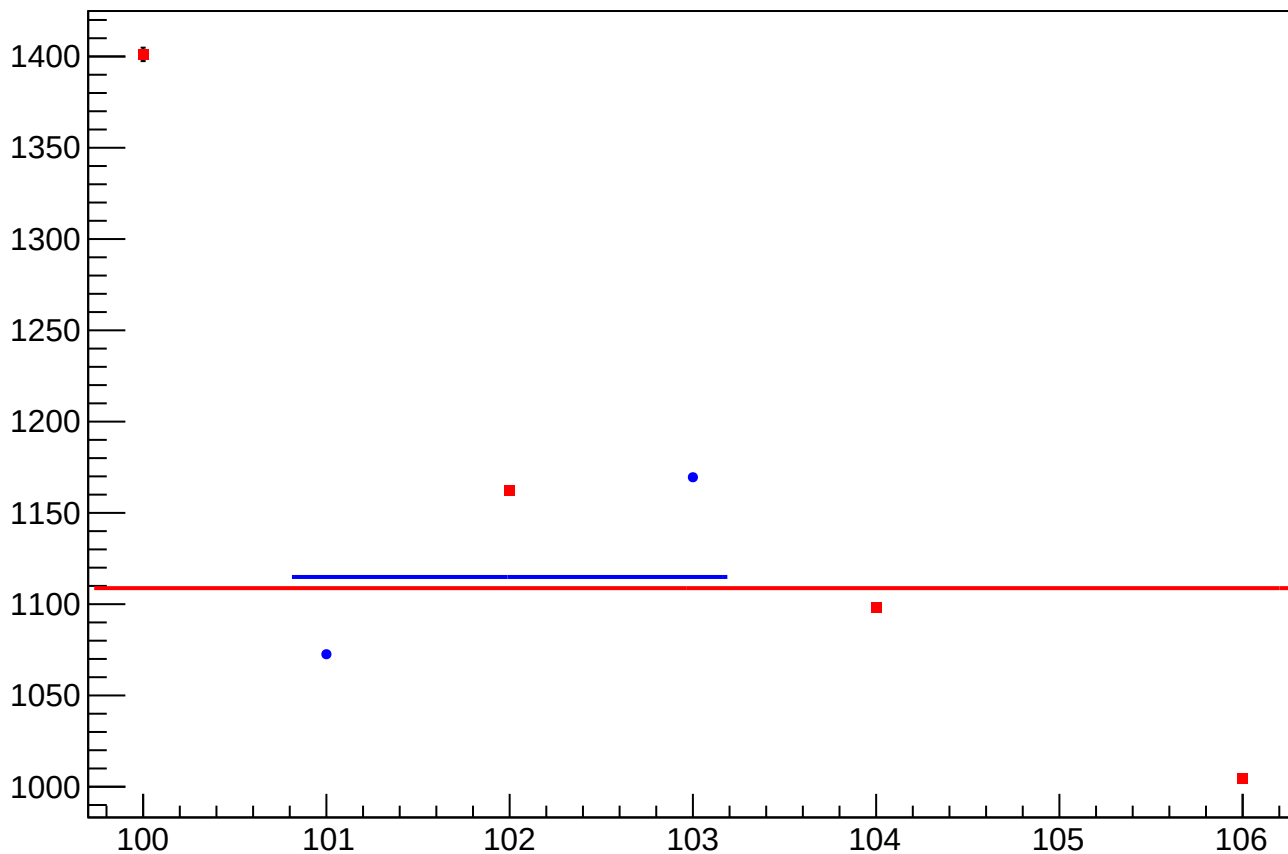
Right: 741.843+/-664.203 χ^2 /NDF: 15.4/5

In: -809.220+/-993.681 χ^2 /NDF:4.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 741.843+/-664.203 χ^2 /NDF: 15.4/5

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1114.898 $\pm$ 0.703 χ^2 /NDF: 4681.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1108.784 $\pm$ 0.631 χ^2 /NDF: 15828.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

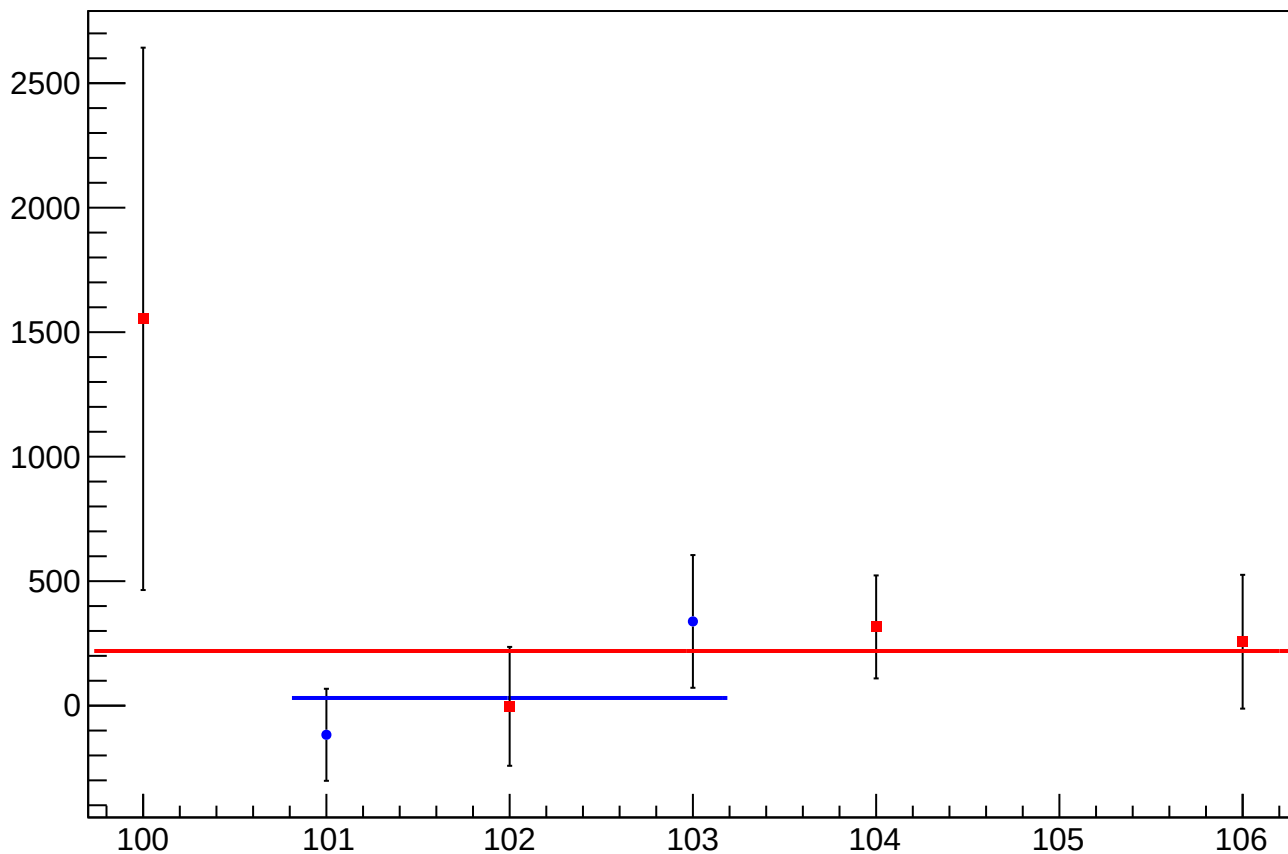
Right: 1111.516 $\pm$ 0.470 χ^2 /NDF: 20551.8/5

In: 1114.898 $\pm$ 0.703 χ^2 /NDF: 4681.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1111.516 $\pm$ 0.470 χ^2 /NDF: 20551.8/5

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 30.816+/-151.864 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.530+/-134.091 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

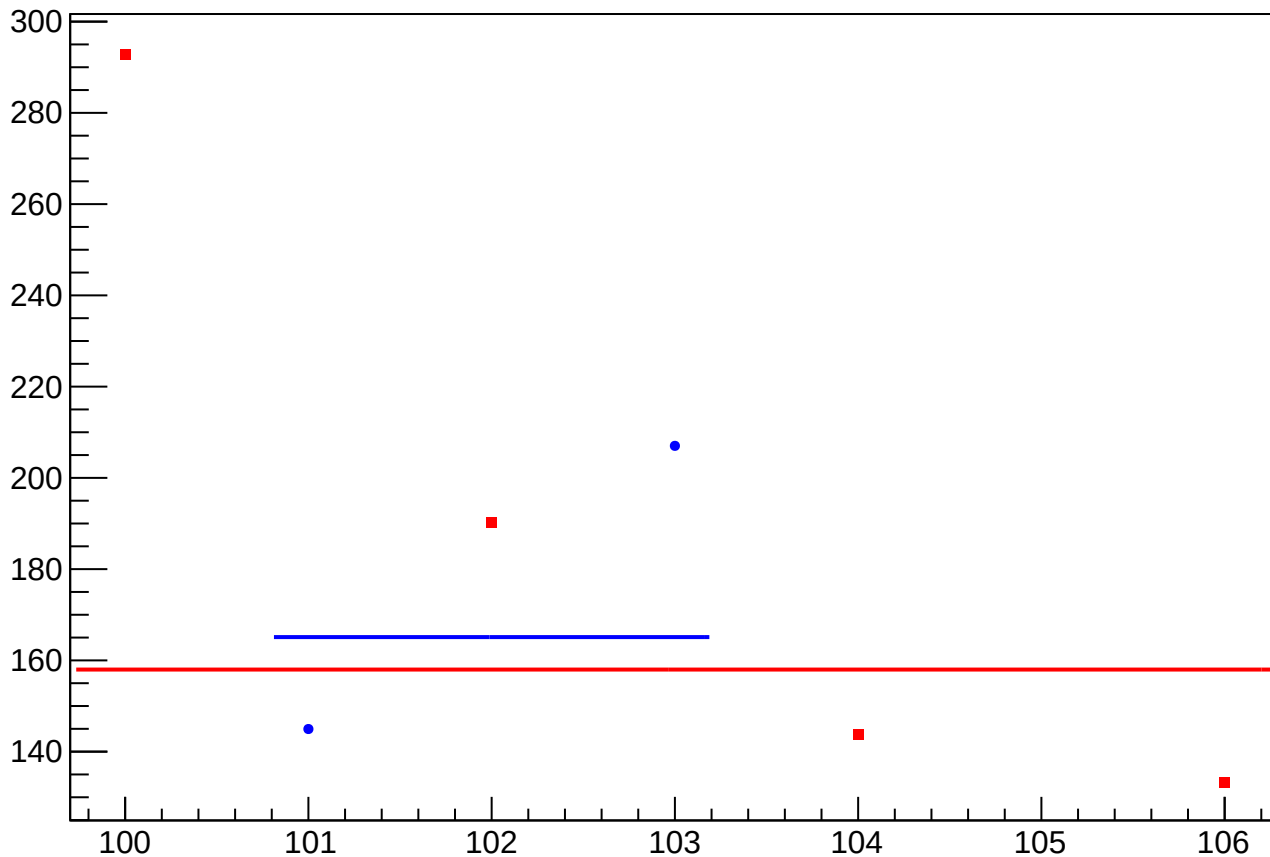
Right: 136.858+/-100.516 χ^2/NDF : 5.4/5

In: 30.816+/-151.864 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.858+/-100.516 χ^2/NDF : 5.4/5

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 165.106+/-0.107 χ^2/NDF : 73237.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.990+/-0.095 χ^2/NDF : 93818.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

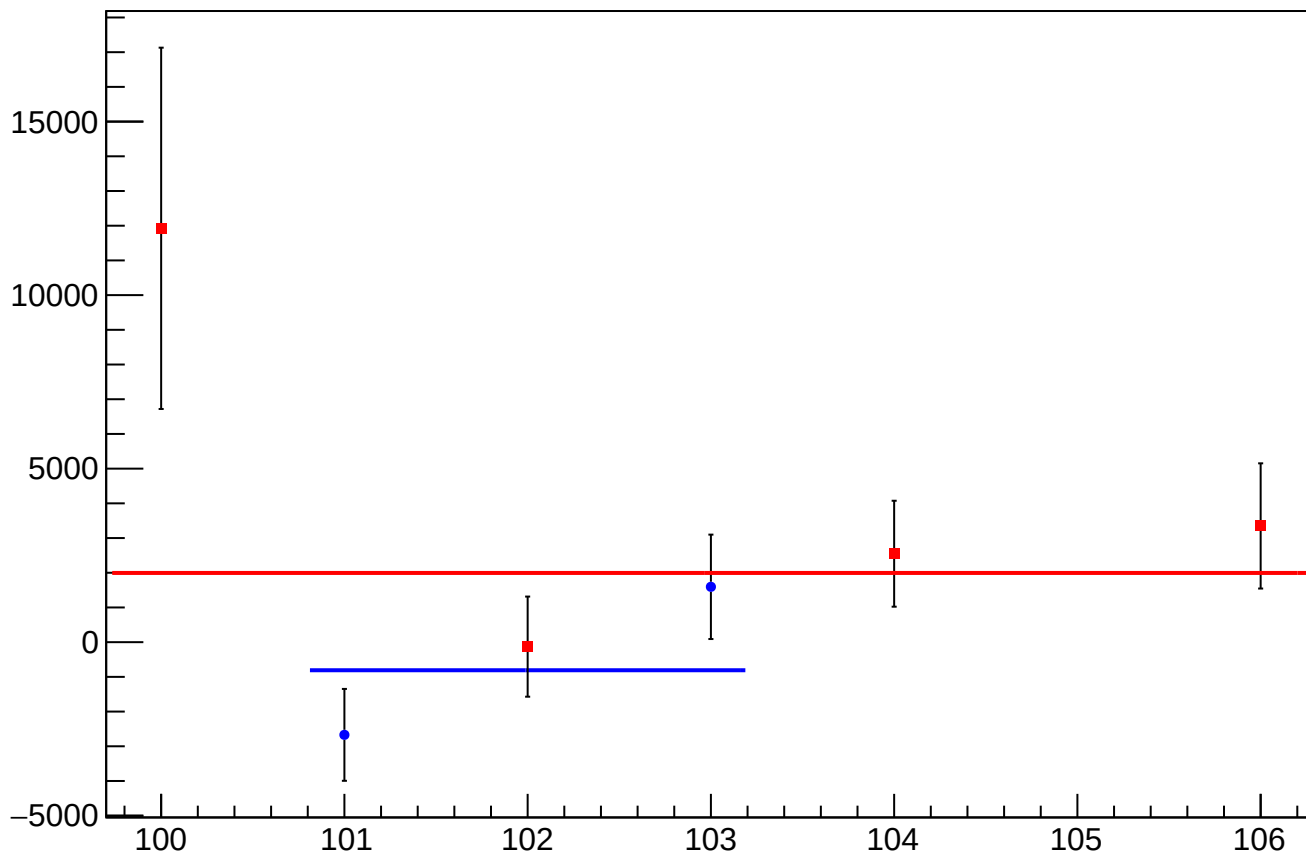
Right: 161.107+/-0.071 χ^2/NDF : 169522.6/5

In: 165.106+/-0.107 χ^2/NDF : 73237.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.107+/-0.071 χ^2/NDF : 169522.6/5

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -809.221+/-993.681 χ^2 /NDF: 4.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1994.552+/-893.012 χ^2 /NDF: 6.5/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

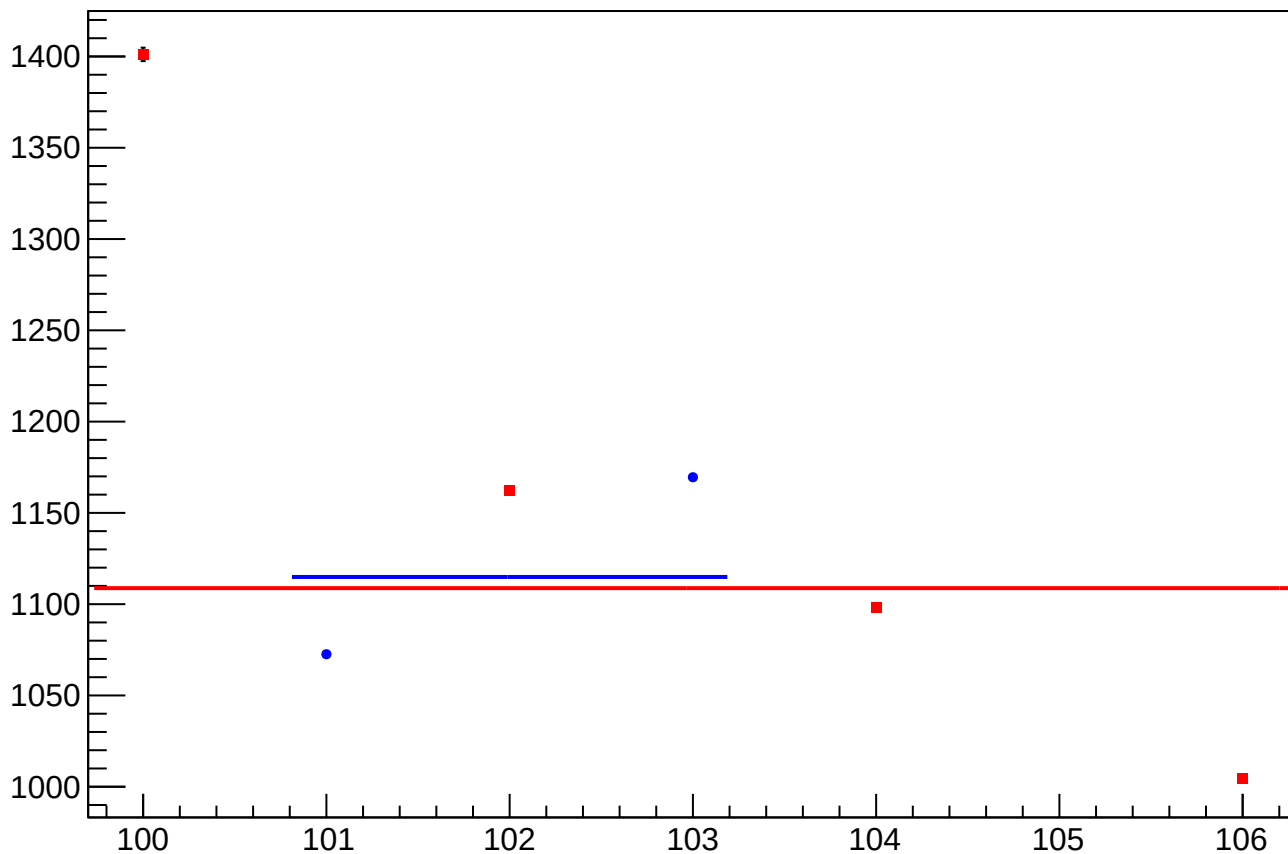
Right: 741.843+/-664.203 χ^2 /NDF: 15.4/5

In: -809.221+/-993.681 χ^2 /NDF:4.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 741.843+/-664.203 χ^2 /NDF: 15.4/5

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1114.897 ± 0.703 $\chi^2/\text{NDF}: 4681.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1108.784 ± 0.631 $\chi^2/\text{NDF}: 15828.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

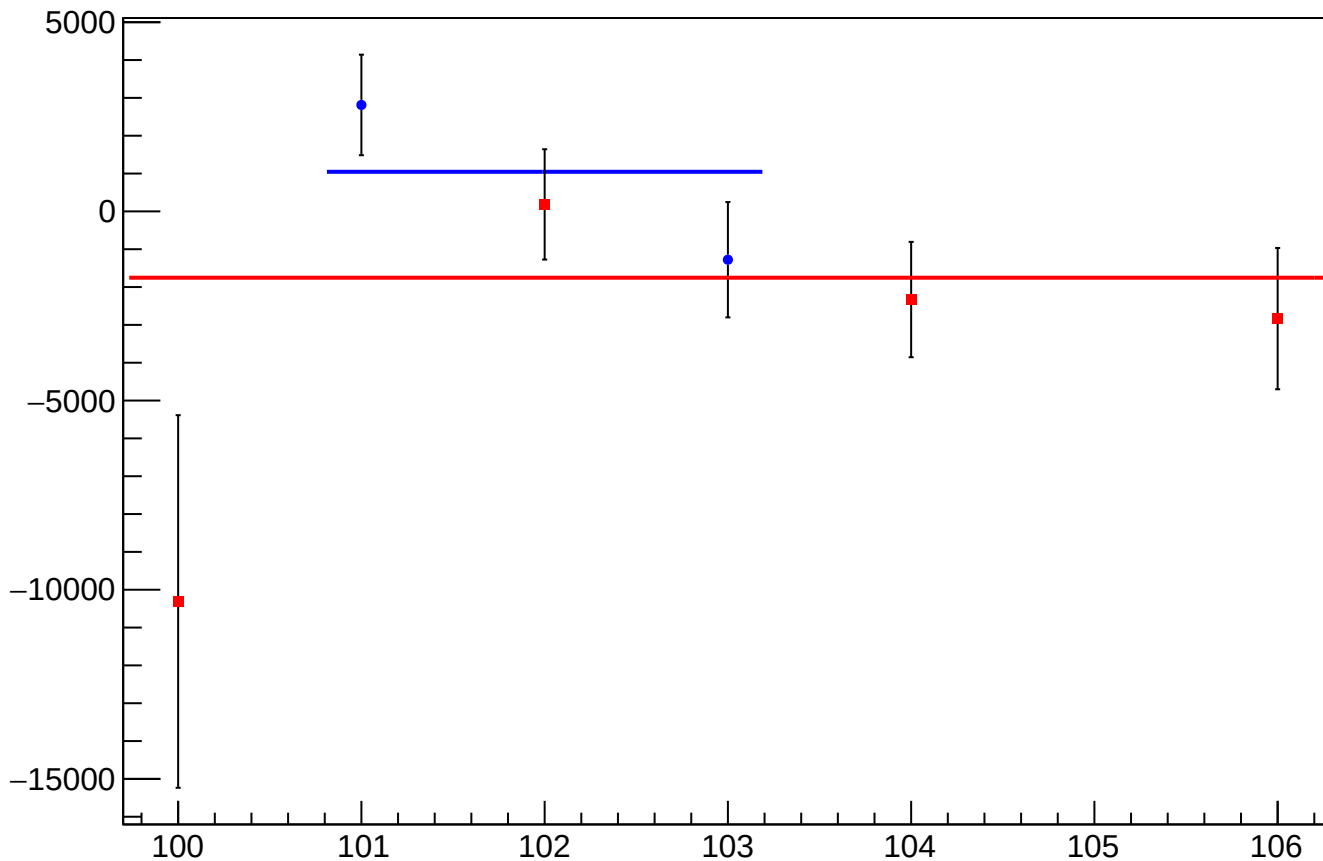
Right: 1111.515 ± 0.470 $\chi^2/\text{NDF}: 20552.1/5$

In: 1114.897 ± 0.703 $\chi^2/\text{NDF}: 4681.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1111.515 ± 0.470 $\chi^2/\text{NDF}: 20552.1/5$

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 1046.360+/-1001.640 χ^2/NDF : 4.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1752.960+/-901.994 χ^2/NDF : 5.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

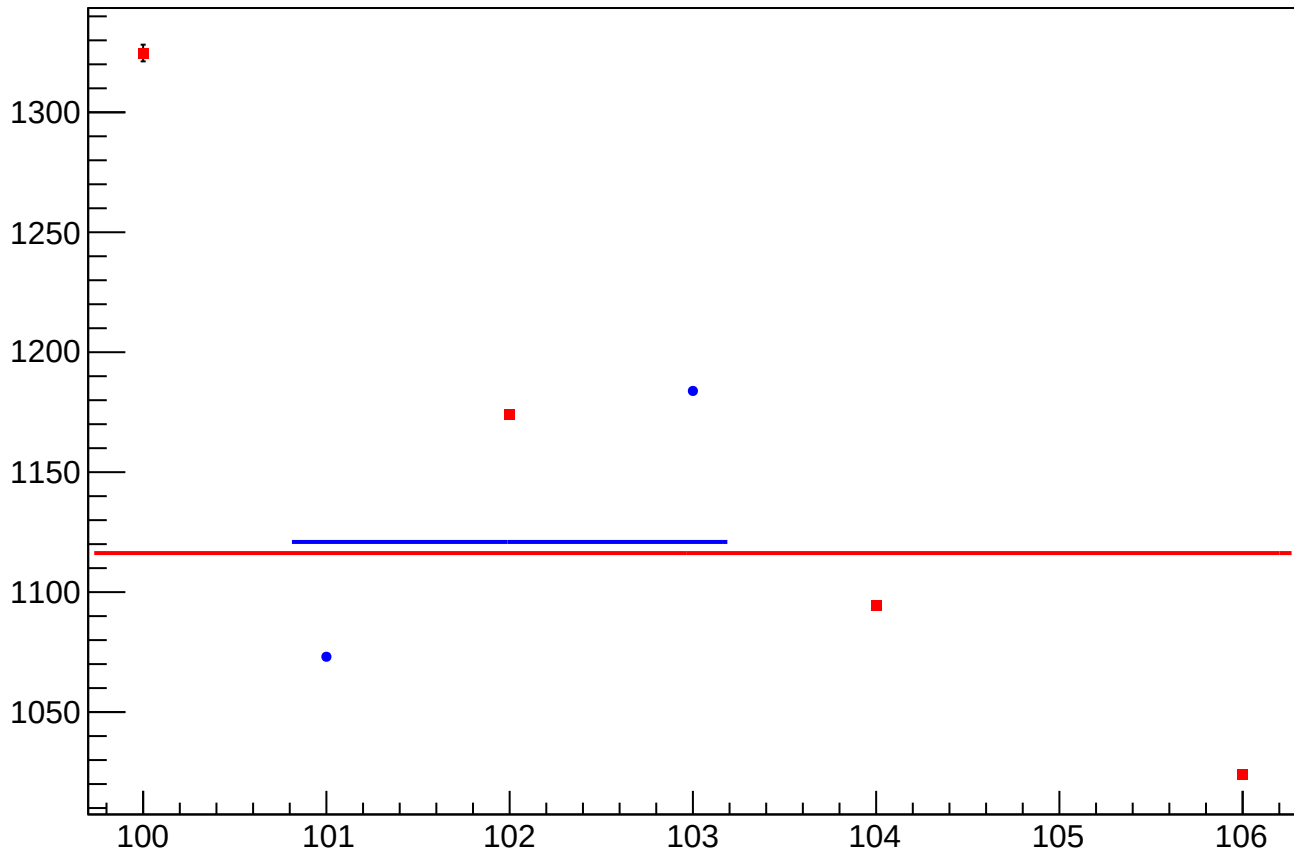
Right: -499.431+/-670.274 χ^2/NDF : 13.7/5

In: 1046.360+/-1001.640 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.431+/-670.274 χ^2/NDF : 13.7/5

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1120.915+/-0.708 χ^2/NDF : 6004.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.281+/-0.638 χ^2/NDF : 12029.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

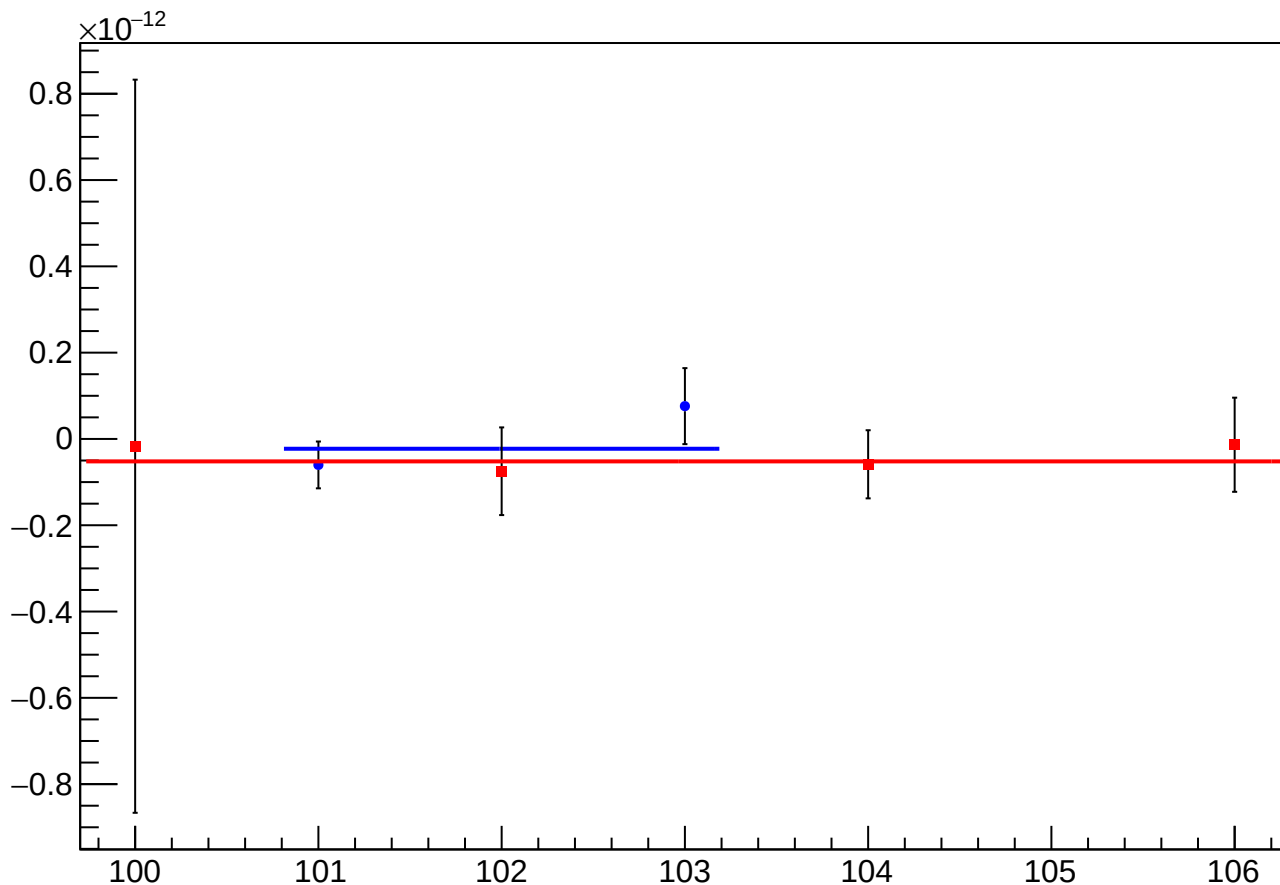
Right: 1118.356+/-0.474 χ^2/NDF : 18057.8/5

In: 1120.915+/-0.708 χ^2/NDF : 6004.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.356+/-0.474 χ^2/NDF : 18057.8/5

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

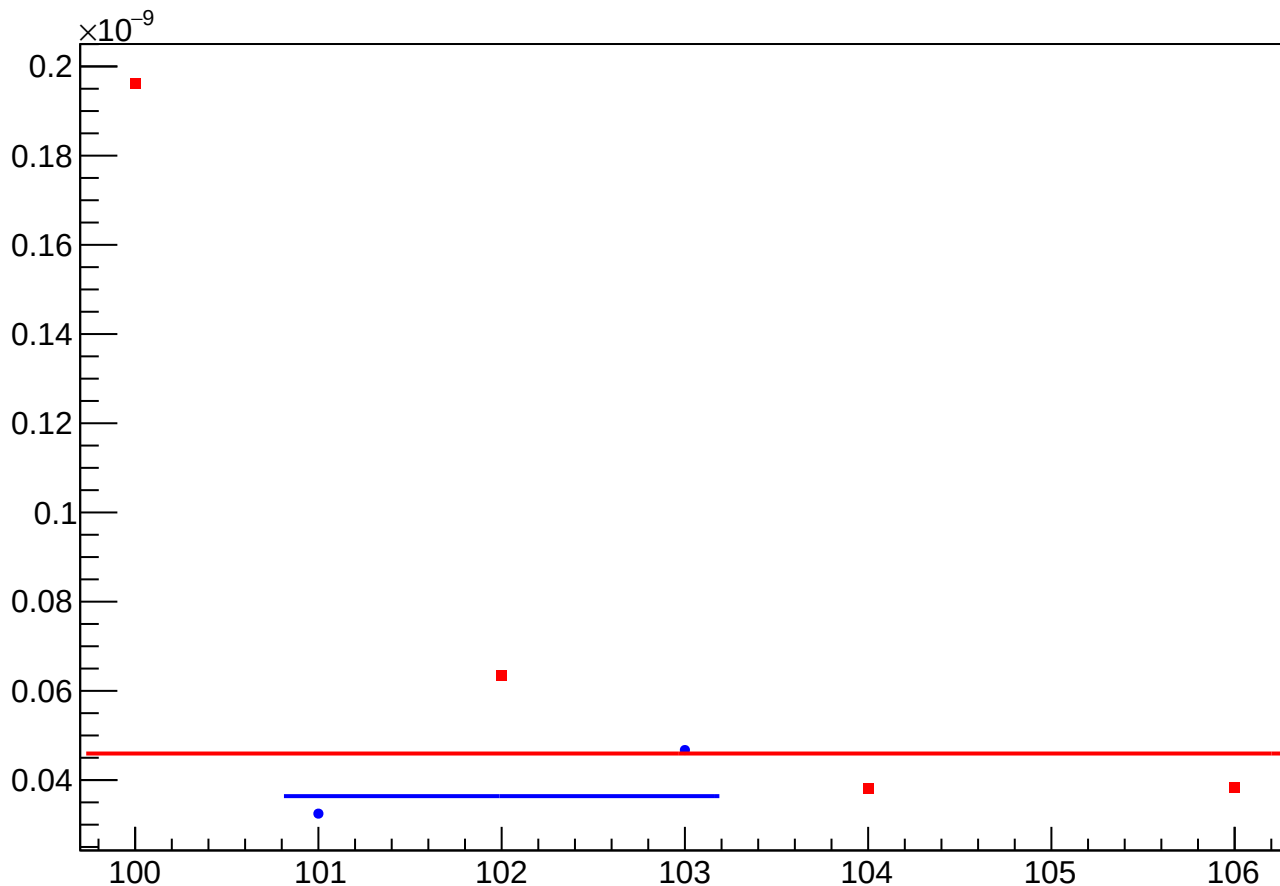
Right: -0.000+/-0.000 χ^2/NDF : 2.1/5

In: -0.000+/-0.000 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/5

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37971.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 151997.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

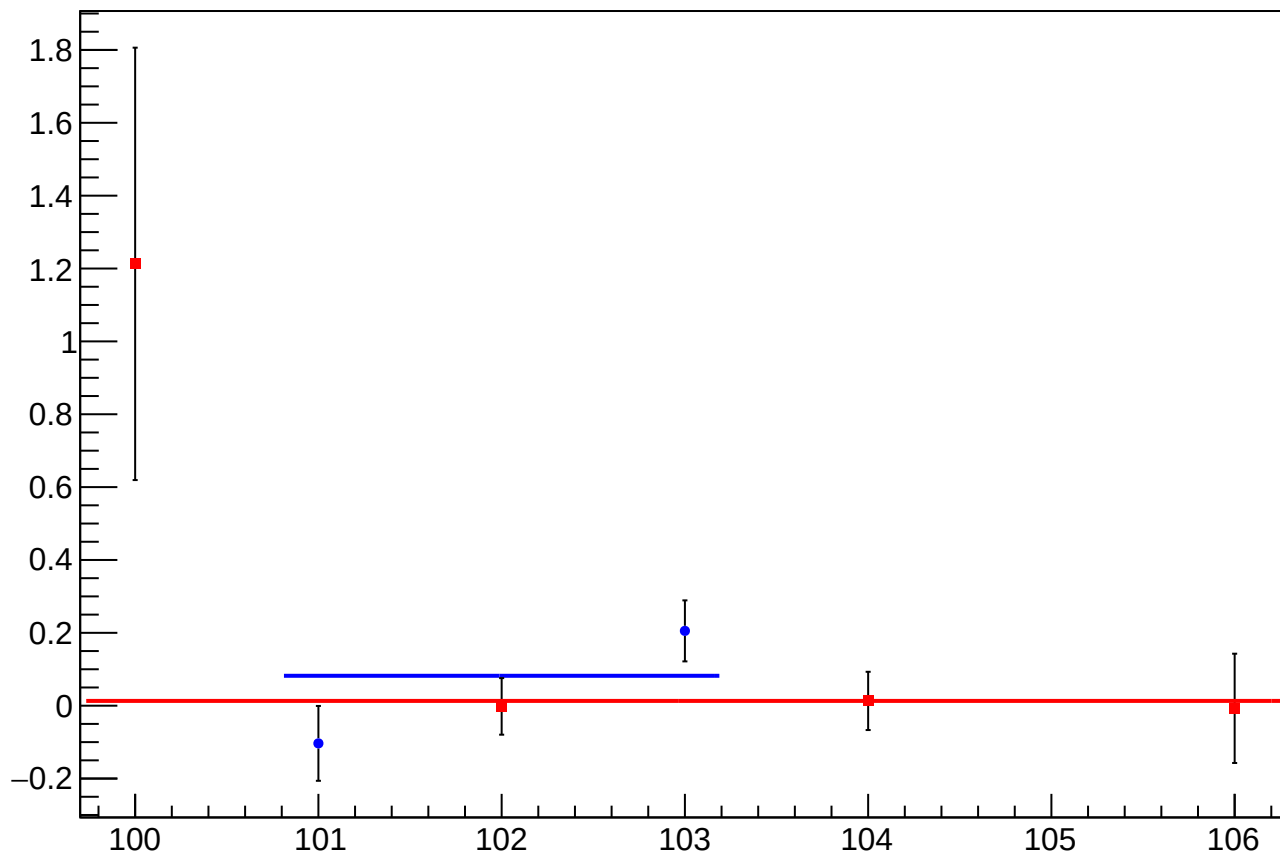
Right: 0.000+/-0.000 χ^2/NDF : 226108.7/5

In: 0.000+/-0.000 χ^2/NDF : 37971.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 226108.7/5

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.052 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

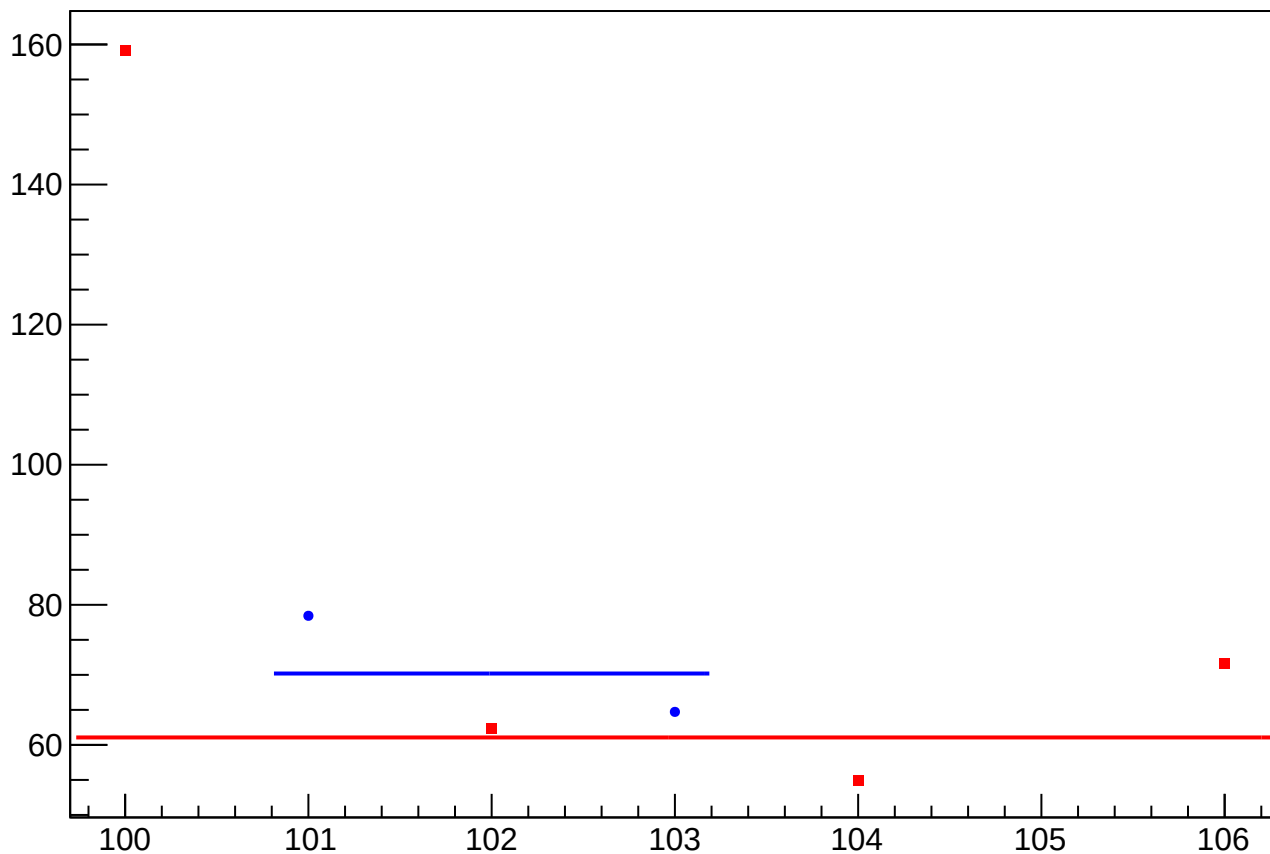
Right: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.191 ± 0.046 $\chi^2/\text{NDF}: 21425.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.064 ± 0.037 $\chi^2/\text{NDF}: 76915.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

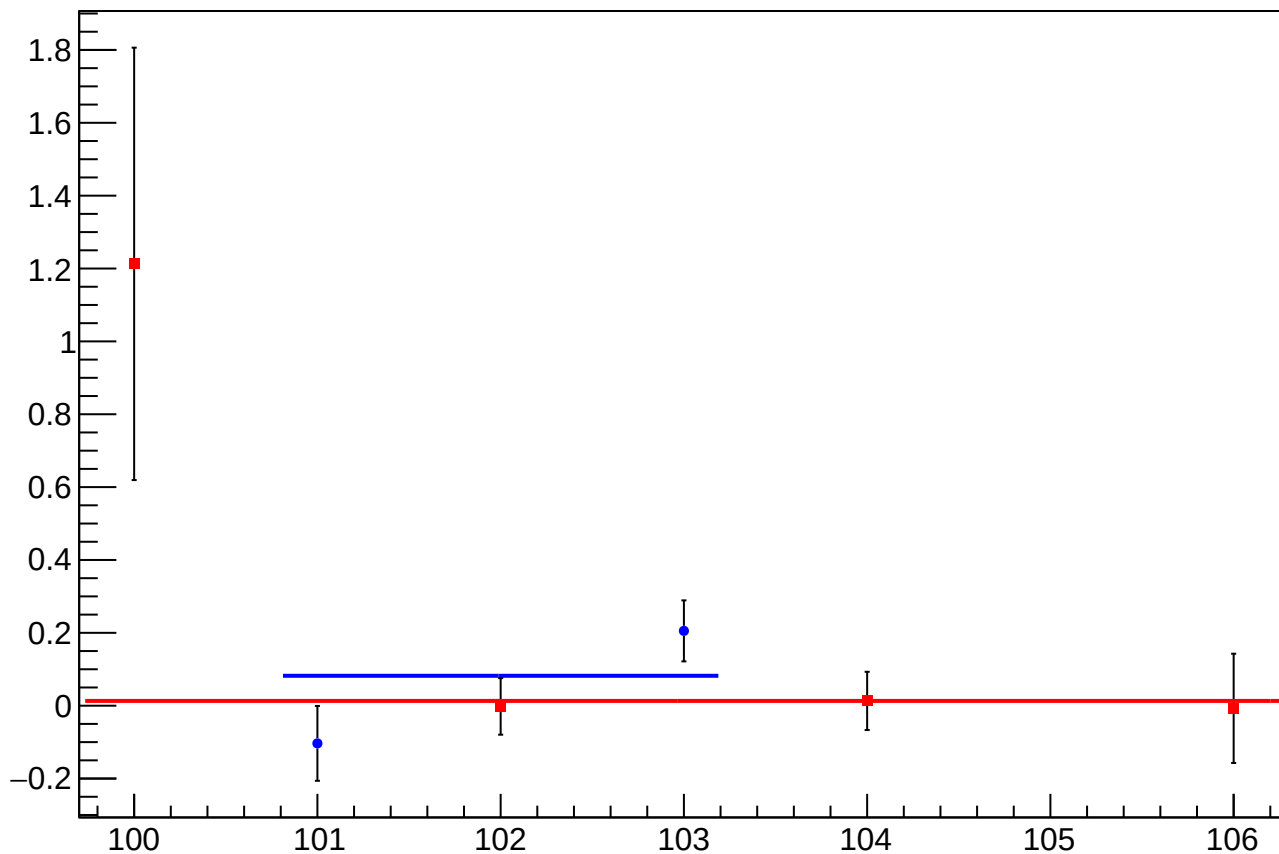
Right: 64.634 ± 0.029 $\chi^2/\text{NDF}: 122422.9/5$

In: 70.191 ± 0.046 $\chi^2/\text{NDF}: 21425.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 64.634 ± 0.029 $\chi^2/\text{NDF}: 122422.9/5$

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.052 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

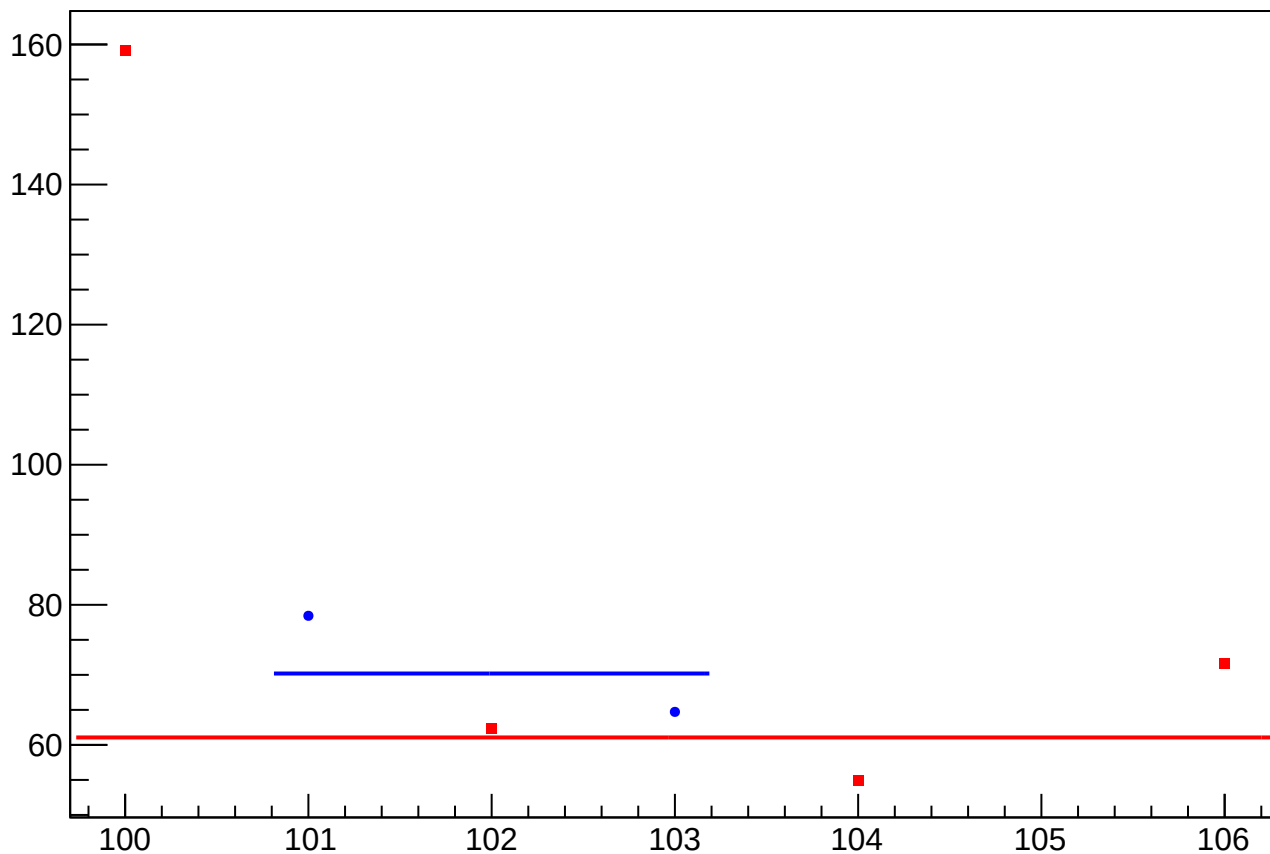
Right: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

In: 0.082 $\pm$ 0.065 χ^2 /NDF:5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.064+/-0.037 χ^2/NDF : 76915.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

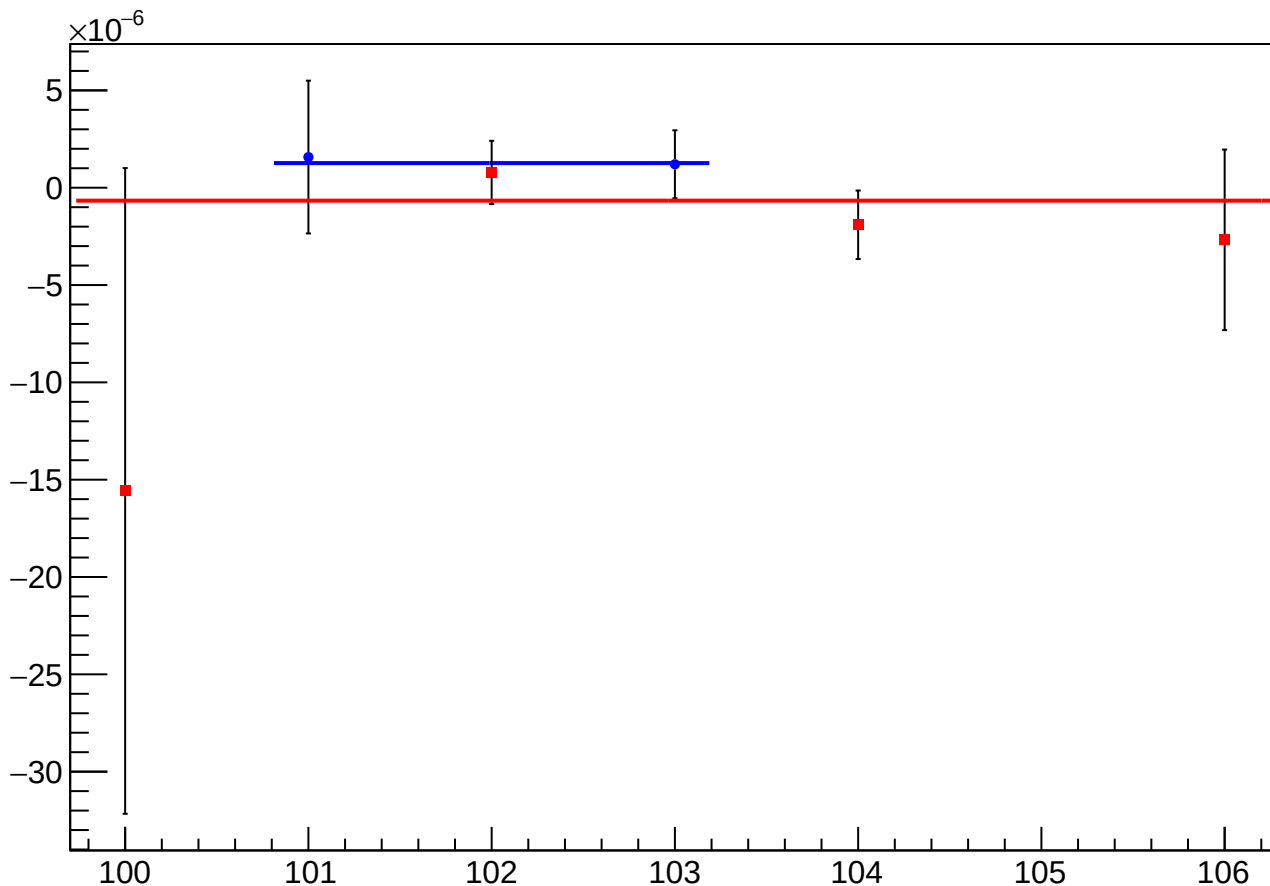
Right: 64.634+/-0.029 χ^2/NDF : 122422.9/5

In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.634+/-0.029 χ^2/NDF : 122422.9/5

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

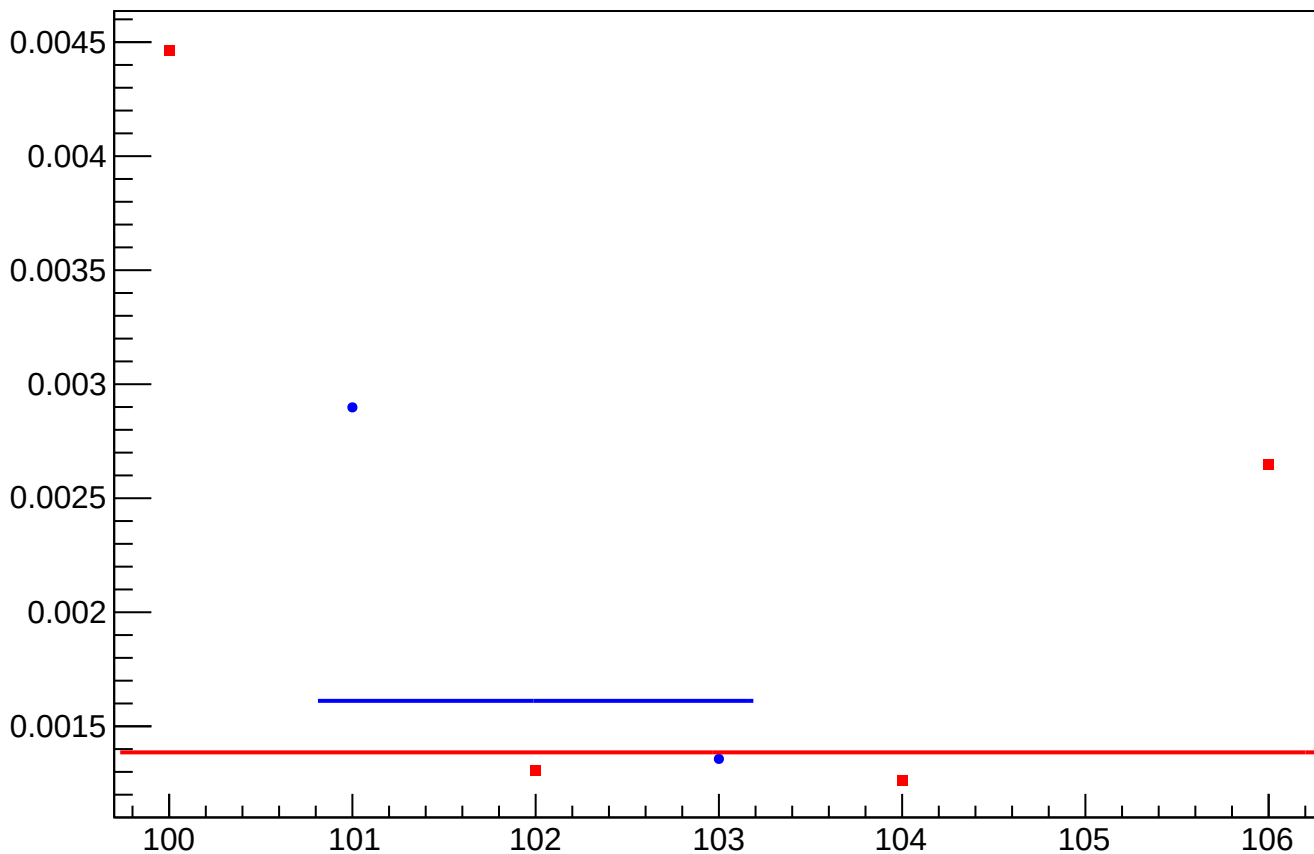
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 257605.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 231277.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

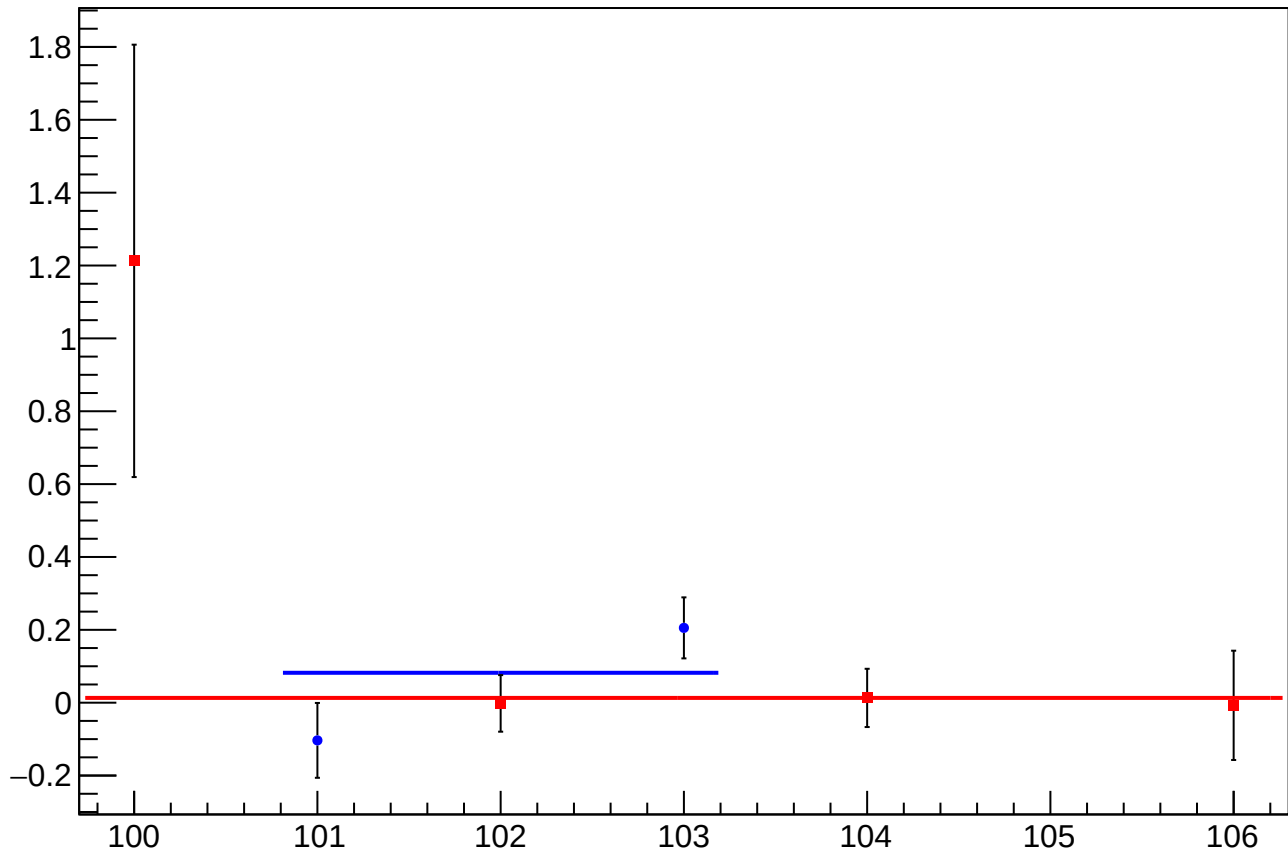
Right: 0.001+/-0.000 χ^2/NDF : 515229.5/5

In: 0.002+/-0.000 χ^2/NDF : 257605.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 515229.5/5

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.052 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

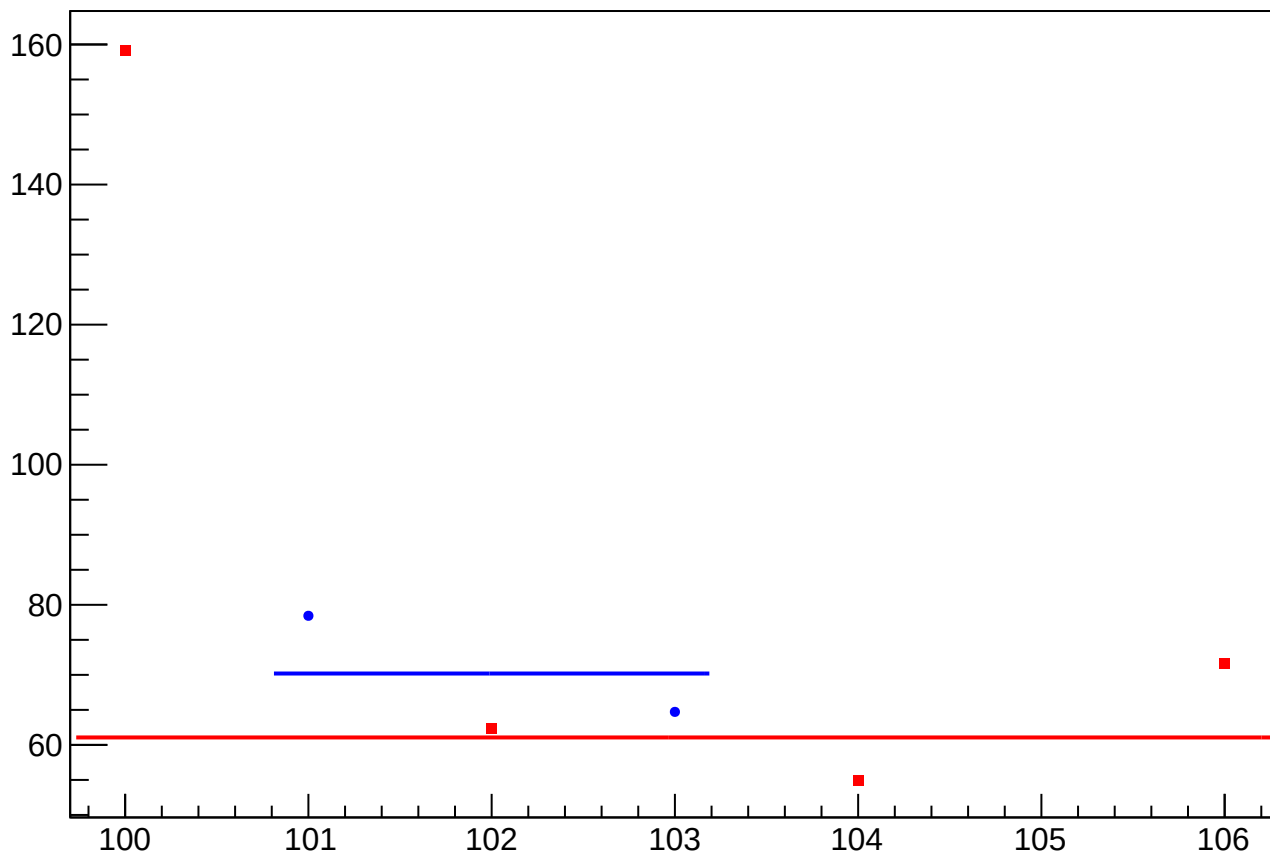
Right: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

In: 0.082 $\pm$ 0.065 χ^2 /NDF:5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.192 ± 0.046 χ^2/NDF : 21427.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.064 ± 0.037 χ^2/NDF : 76916.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

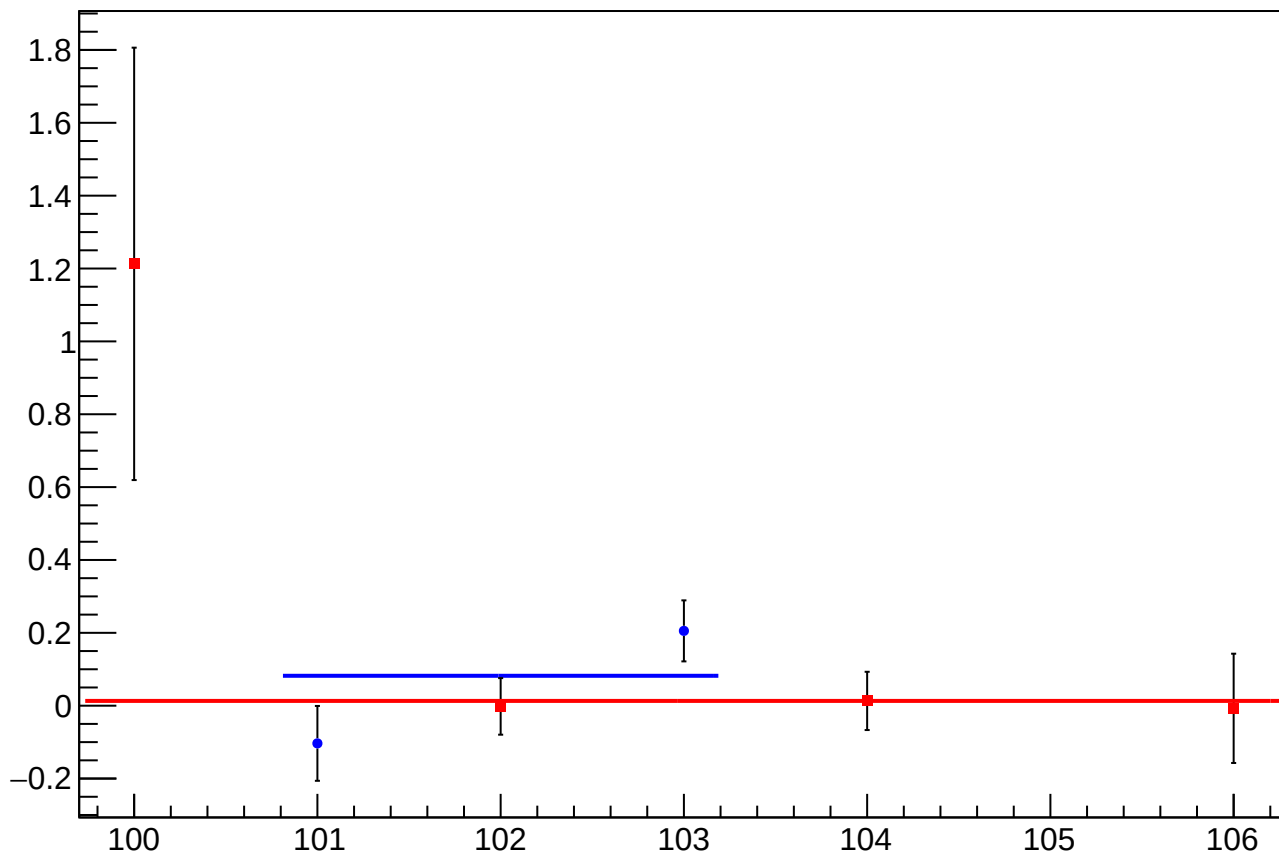
Right: 64.634 ± 0.029 χ^2/NDF : 122427.8/5

In: 70.192 ± 0.046 χ^2/NDF : 21427.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 64.634 ± 0.029 χ^2/NDF : 122427.8/5

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.052 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

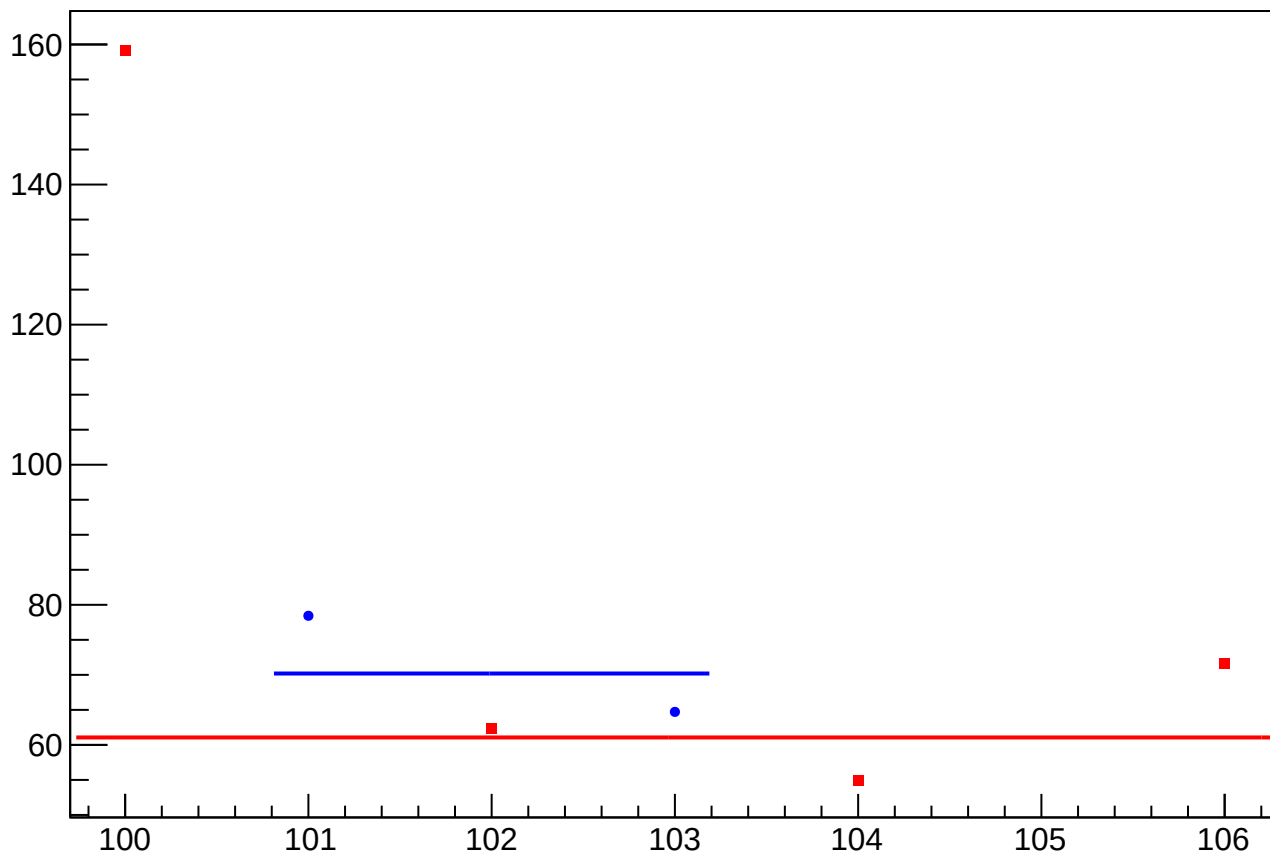
Right: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

In: 0.082 $\pm$ 0.065 χ^2 /NDF: 5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.040 $\pm$ 0.041 χ^2 /NDF: 10.3/5

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.192 ± 0.046 $\chi^2/\text{NDF}: 21427.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.064 ± 0.037 $\chi^2/\text{NDF}: 76916.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

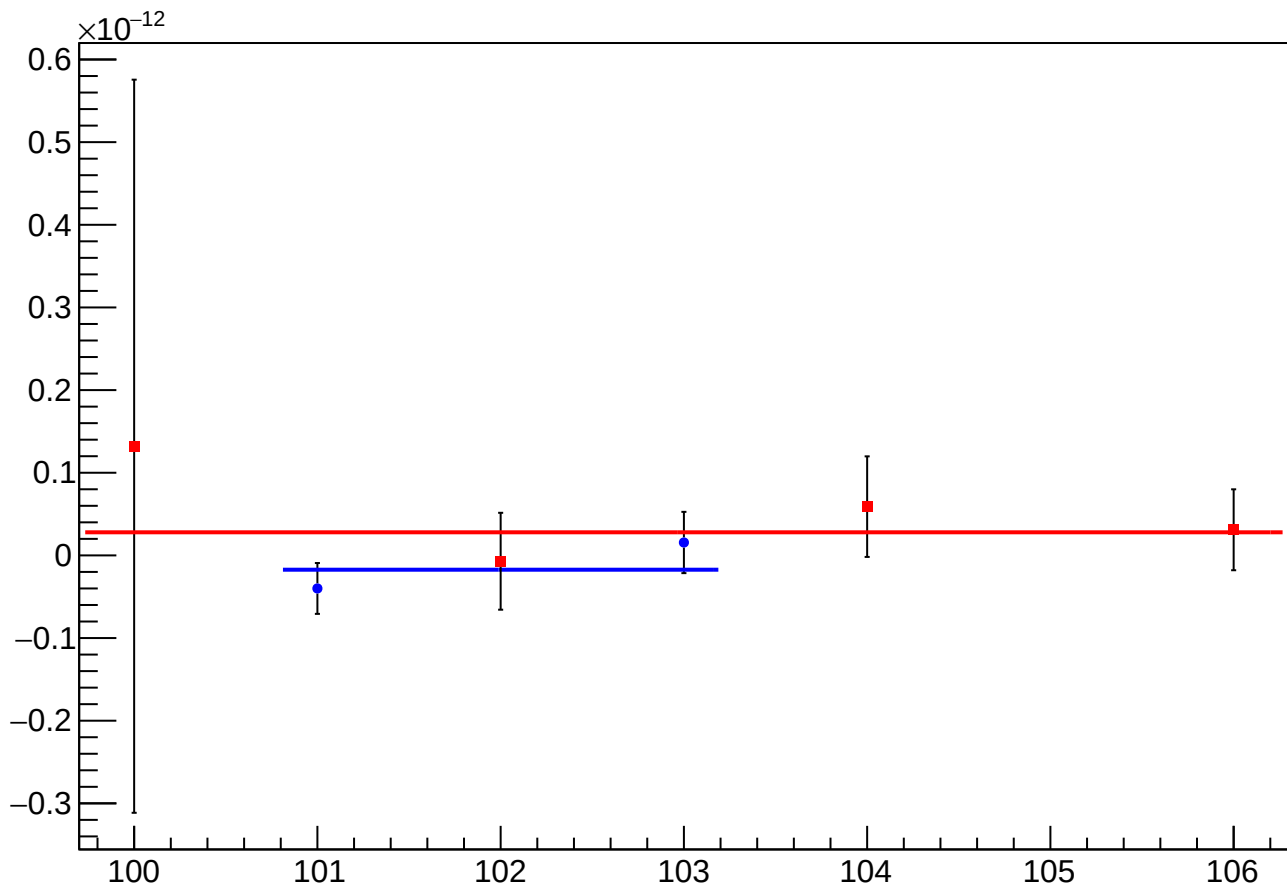
Right: 64.634 ± 0.029 $\chi^2/\text{NDF}: 122427.8/5$

In: 70.192 ± 0.046 $\chi^2/\text{NDF}: 21427.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 64.634 ± 0.029 $\chi^2/\text{NDF}: 122427.8/5$

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

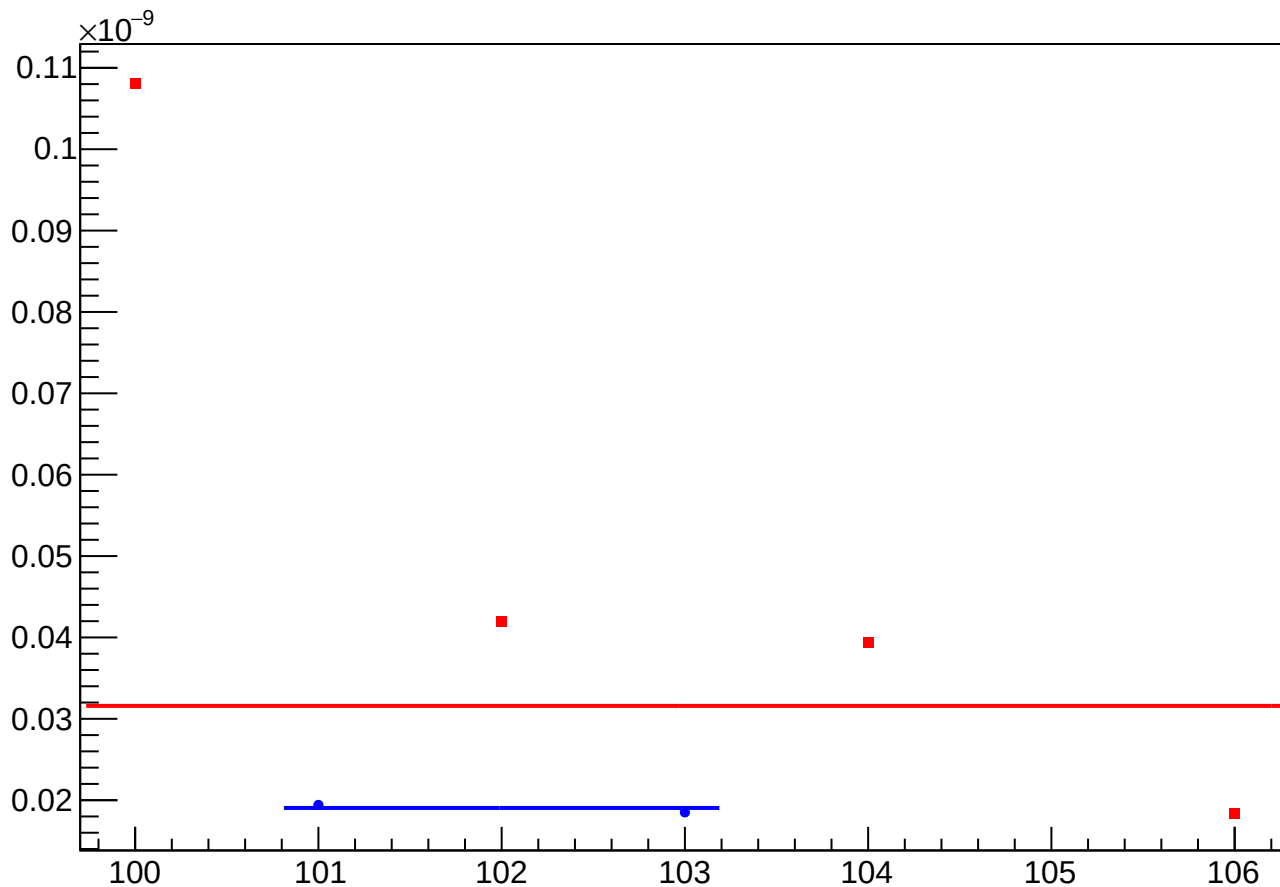
Right: -0.000+/-0.000 χ^2/NDF : 3.3/5

In: -0.000+/-0.000 χ^2/NDF :1.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.3/5

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 718.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 301152.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

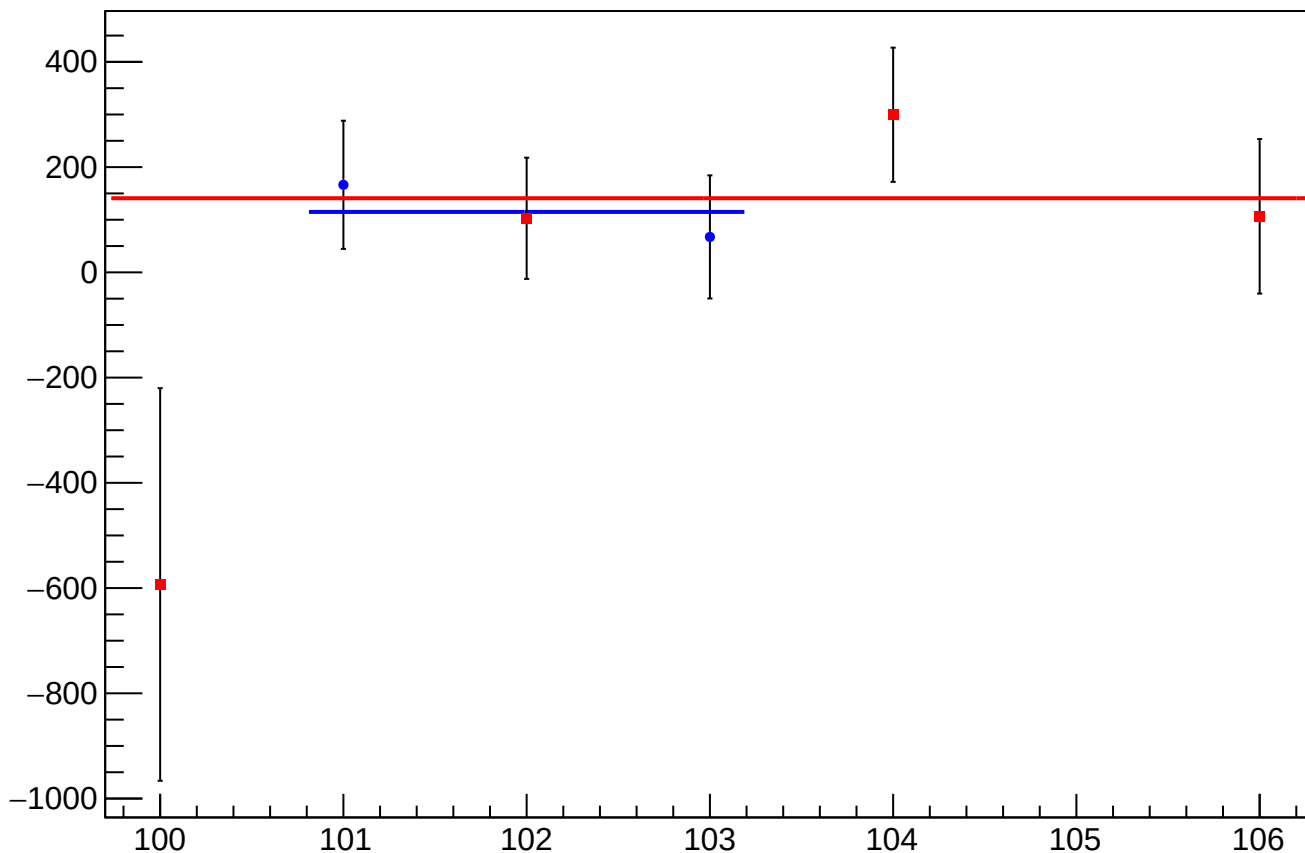
Right: 0.000+/-0.000 χ^2/NDF : 501386.6/5

In: 0.000+/-0.000 χ^2/NDF : 718.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 501386.6/5

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.857 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.912 $\pm$ 72.470 χ^2 /NDF: 5.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

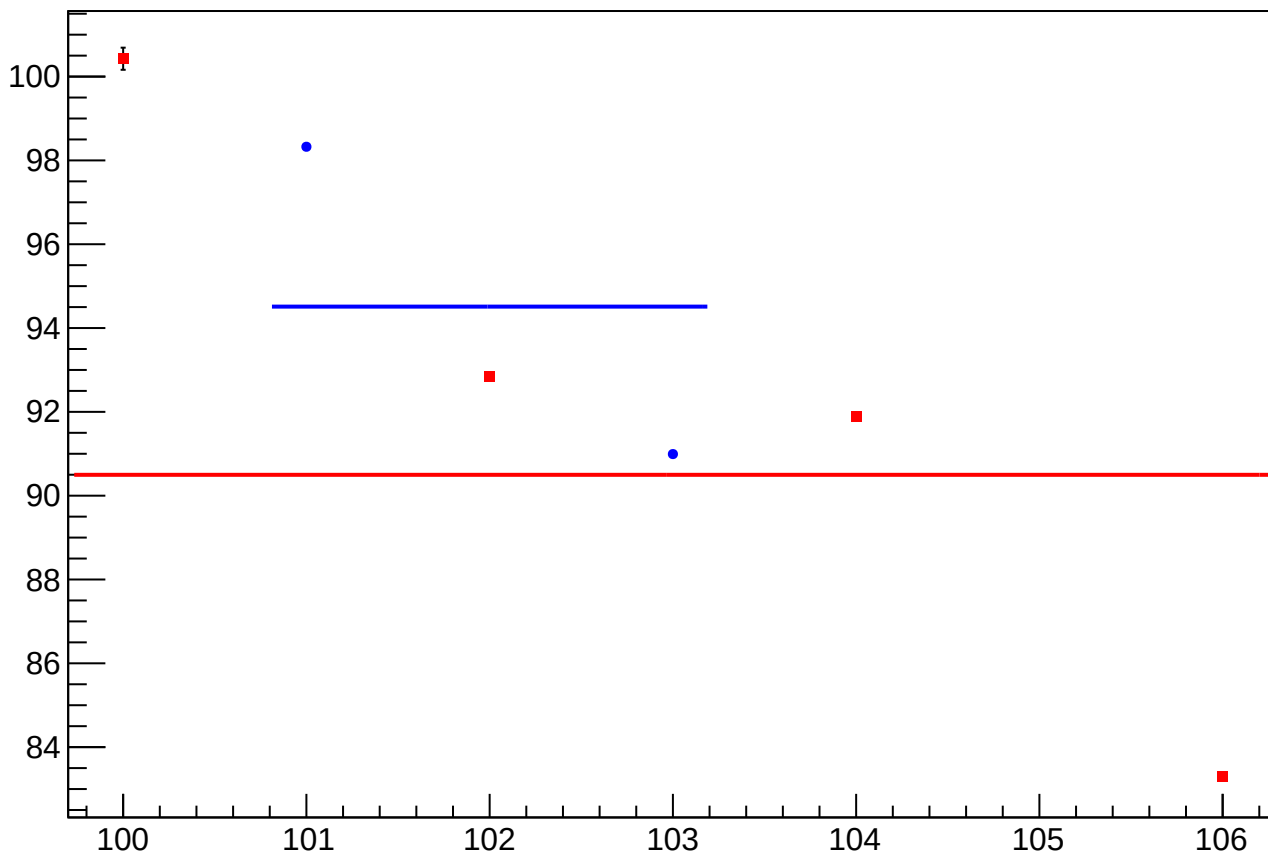
Right: 129.849 $\pm$ 54.972 χ^2 /NDF: 6.0/5

In: 114.857 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.849 $\pm$ 54.972 χ^2 /NDF: 6.0/5

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.498+/-0.051 χ^2/NDF : 7292.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

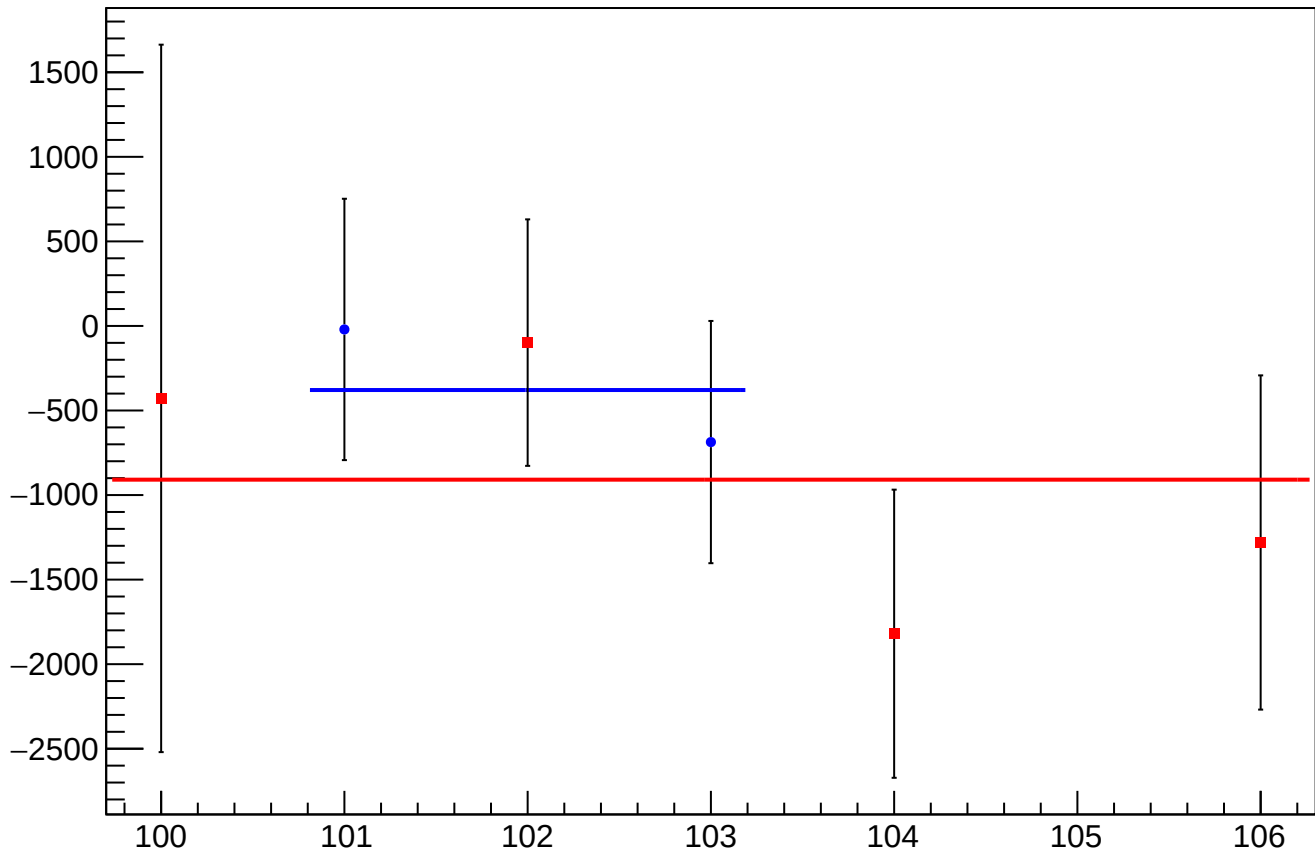
Right: 92.202+/-0.039 χ^2/NDF : 13669.0/5

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.202+/-0.039 χ^2/NDF : 13669.0/5

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -378.929+/-525.279 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.016+/-470.720 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

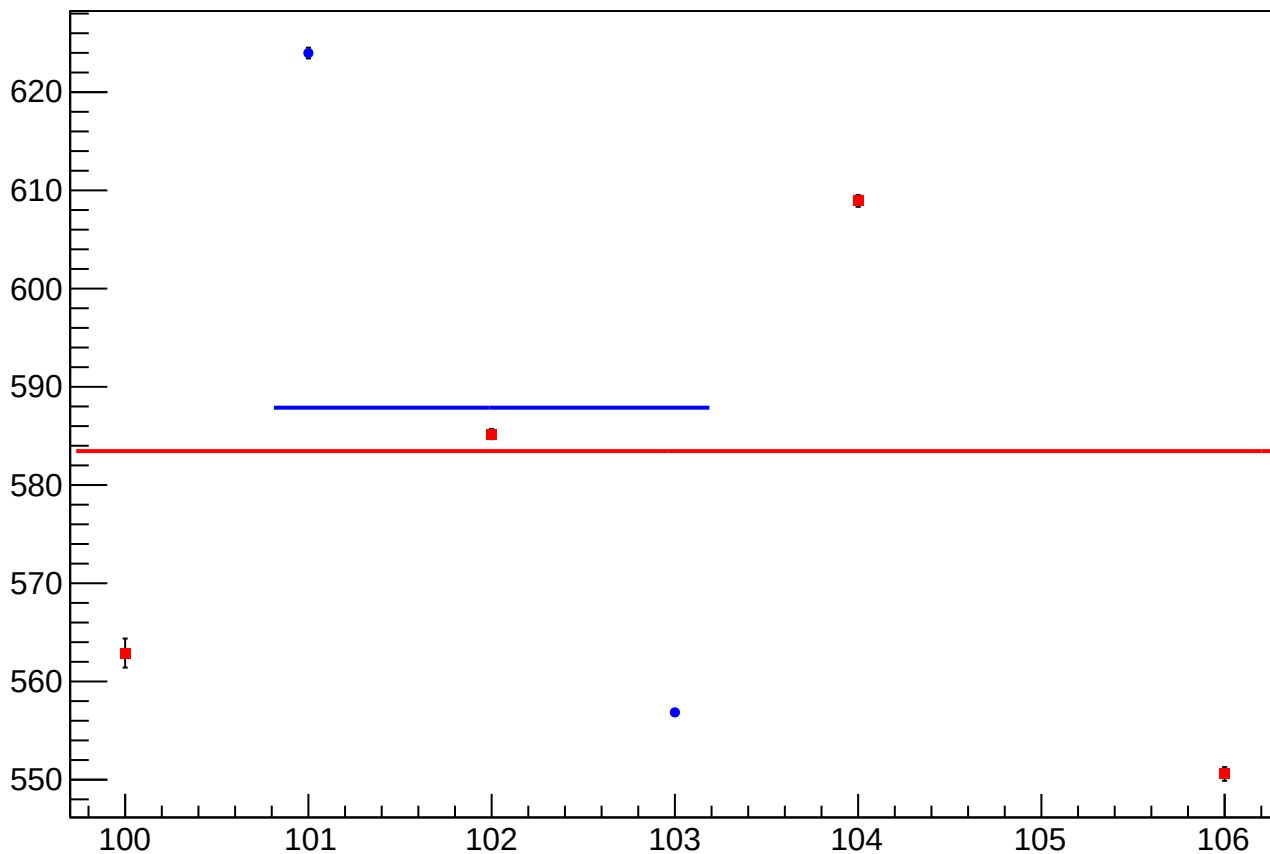
Right: -672.922+/-350.557 χ^2/NDF : 3.5/5

In: -378.929+/-525.279 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -672.922+/-350.557 χ^2/NDF : 3.5/5

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 587.876+/-0.371 χ^2/NDF : 8118.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 583.456+/-0.333 χ^2/NDF : 4205.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

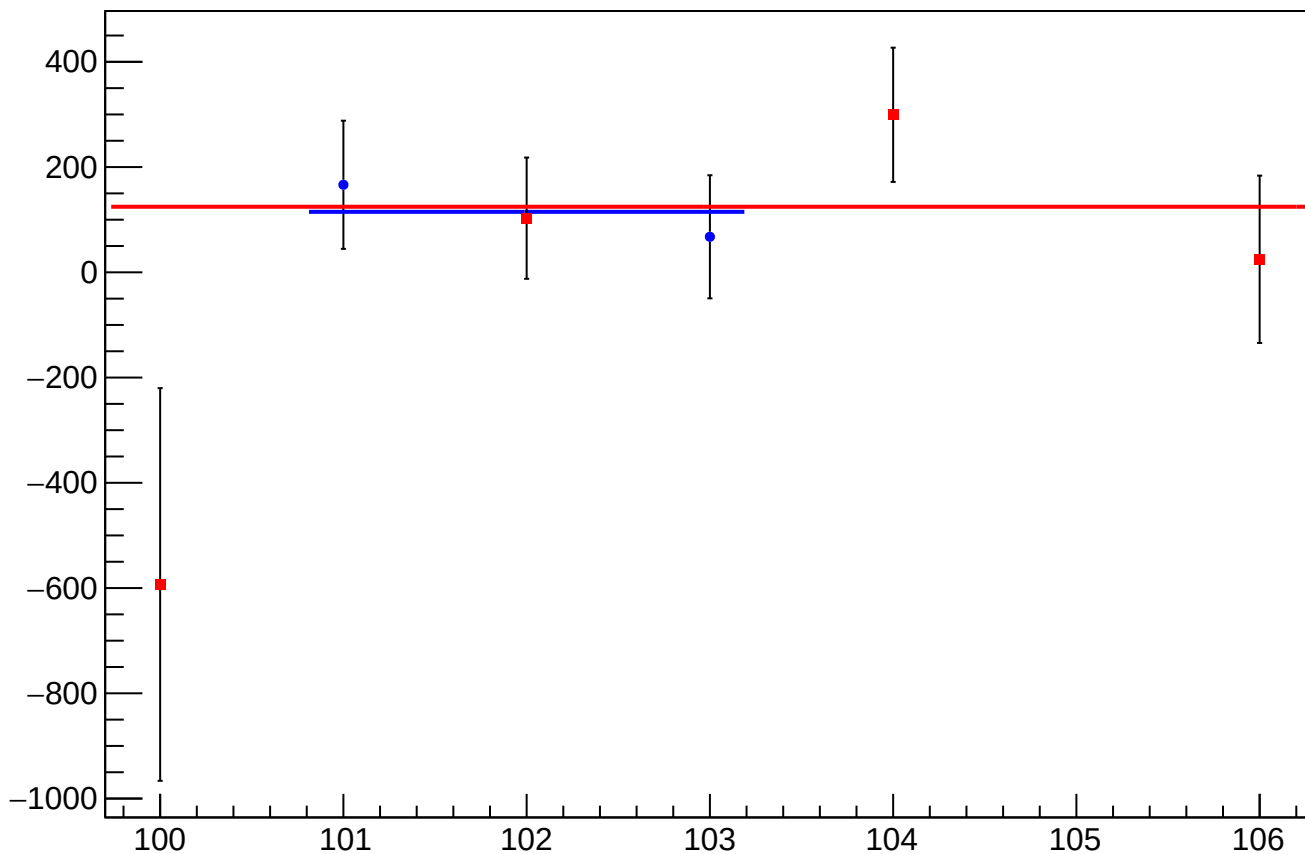
Right: 585.425+/-0.248 χ^2/NDF : 12402.5/5

In: 587.876+/-0.371 χ^2/NDF :8118.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 585.425+/-0.248 χ^2/NDF : 12402.5/5

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.939+/-84.362 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.609+/-73.811 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

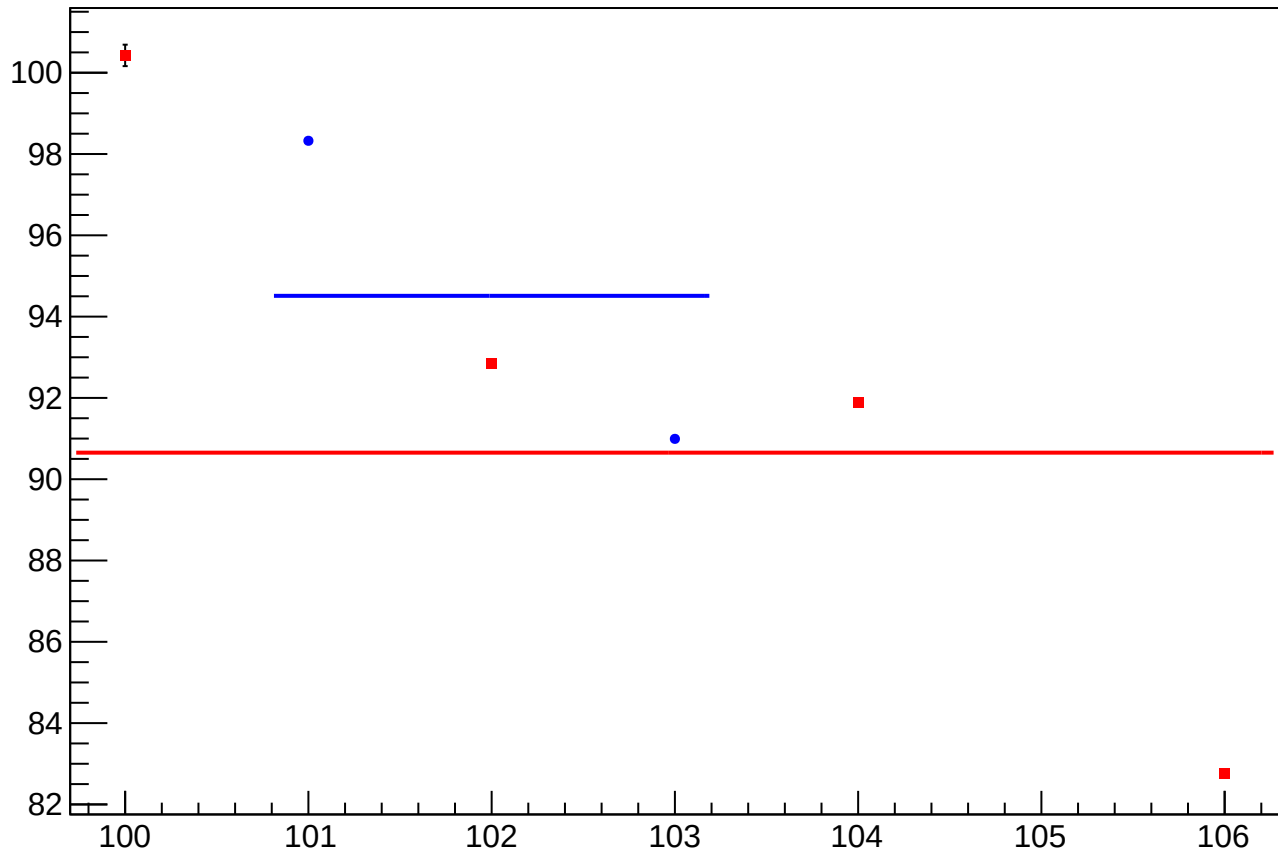
Right: 120.416+/-55.550 χ^2/NDF : 6.4/5

In: 114.939+/-84.362 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.416+/-55.550 χ^2/NDF : 6.4/5

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.653+/-0.052 χ^2/NDF : 7207.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

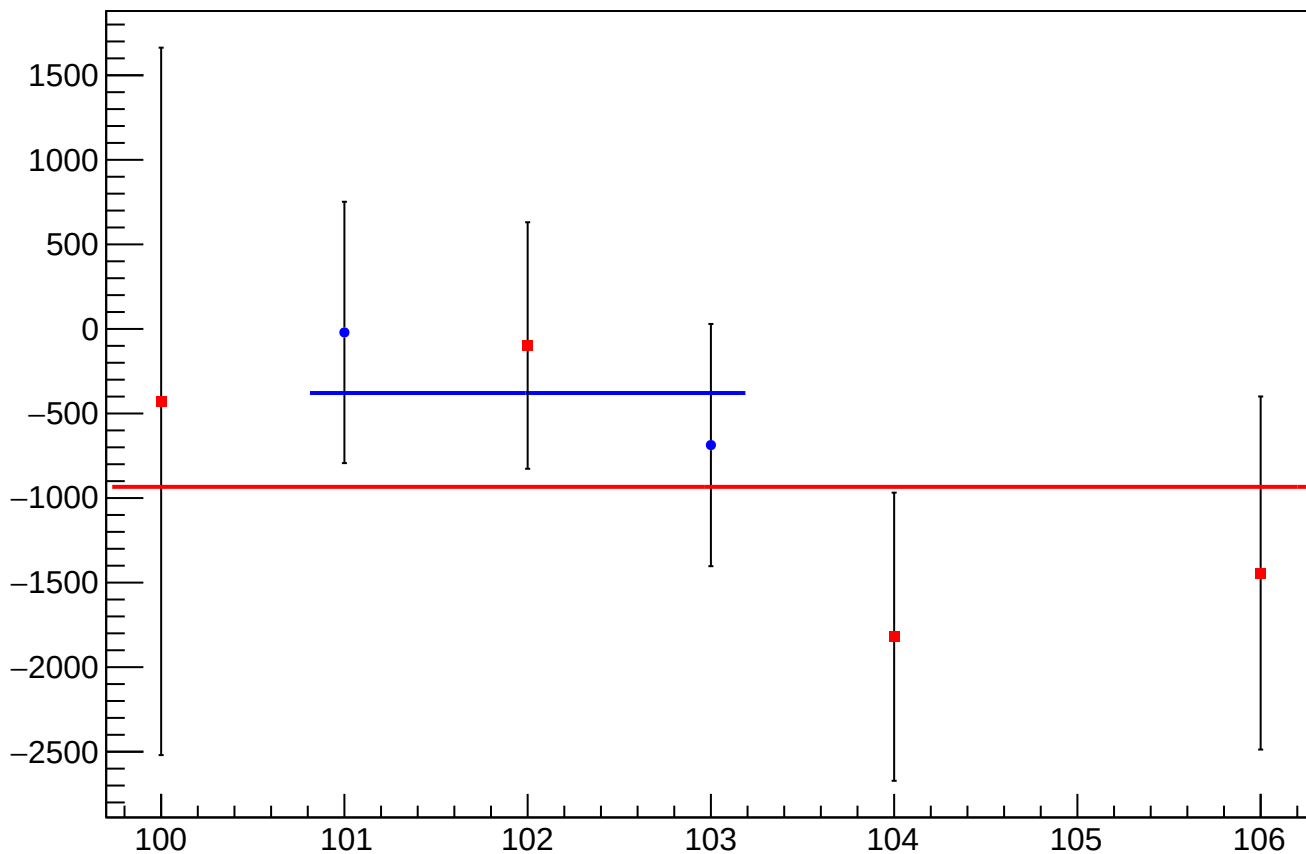
Right: 92.326+/-0.039 χ^2/NDF : 13348.2/5

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.326+/-0.039 χ^2/NDF : 13348.2/5

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -933.763 $\pm$ 476.394 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

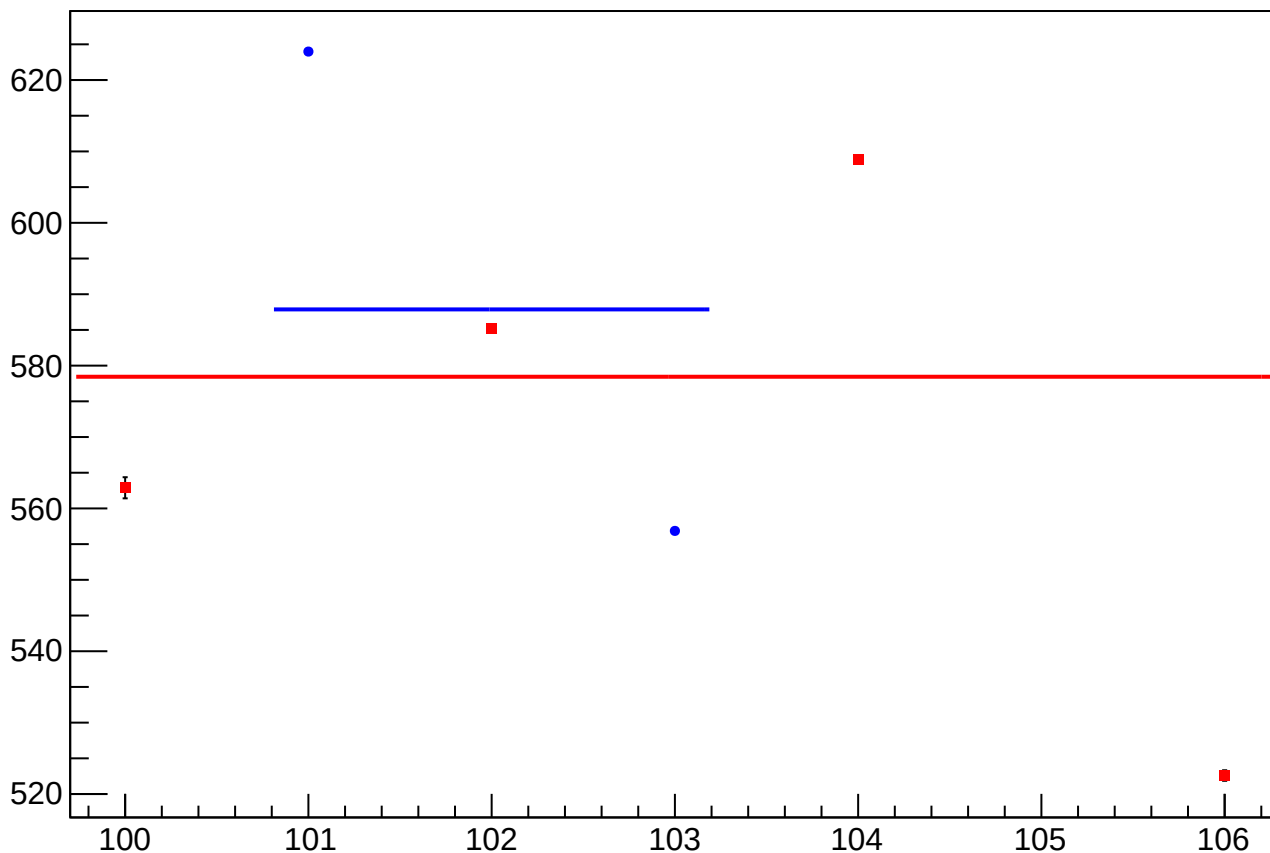
Right: -683.351 $\pm$ 352.881 χ^2 /NDF: 3.7/5

In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -683.351 $\pm$ 352.881 χ^2 /NDF: 3.7/5

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 578.443+/-0.337 χ^2/NDF : 8569.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

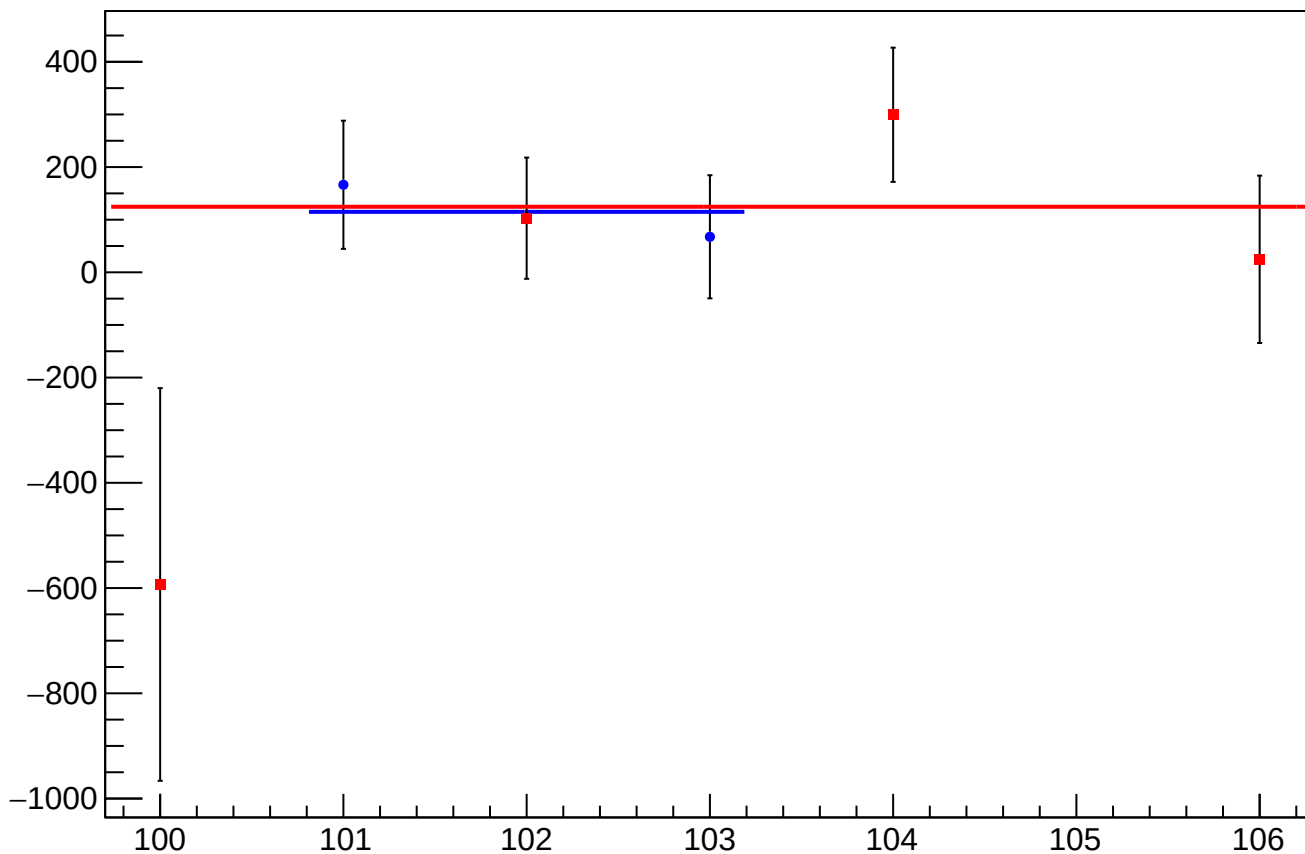
Right: 582.700+/-0.250 χ^2/NDF : 17042.5/5

In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.700+/-0.250 χ^2/NDF : 17042.5/5

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.609 $\pm$ 73.811 χ^2 /NDF: 6.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

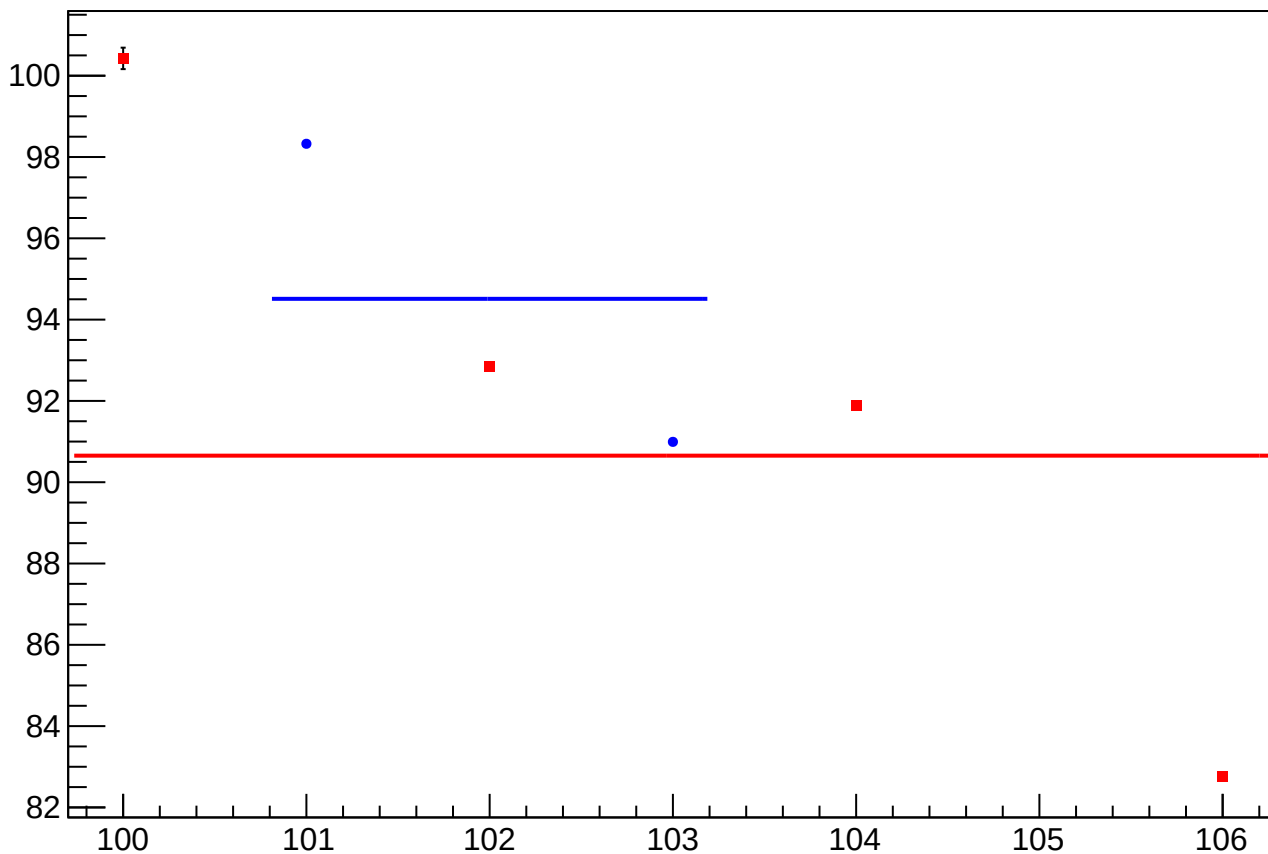
Right: 120.416 $\pm$ 55.550 χ^2 /NDF: 6.4/5

In: 114.939 $\pm$ 84.362 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.416 $\pm$ 55.550 χ^2 /NDF: 6.4/5

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511 ± 0.060 $\chi^2/\text{NDF}: 3771.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 90.653 ± 0.052 $\chi^2/\text{NDF}: 7207.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

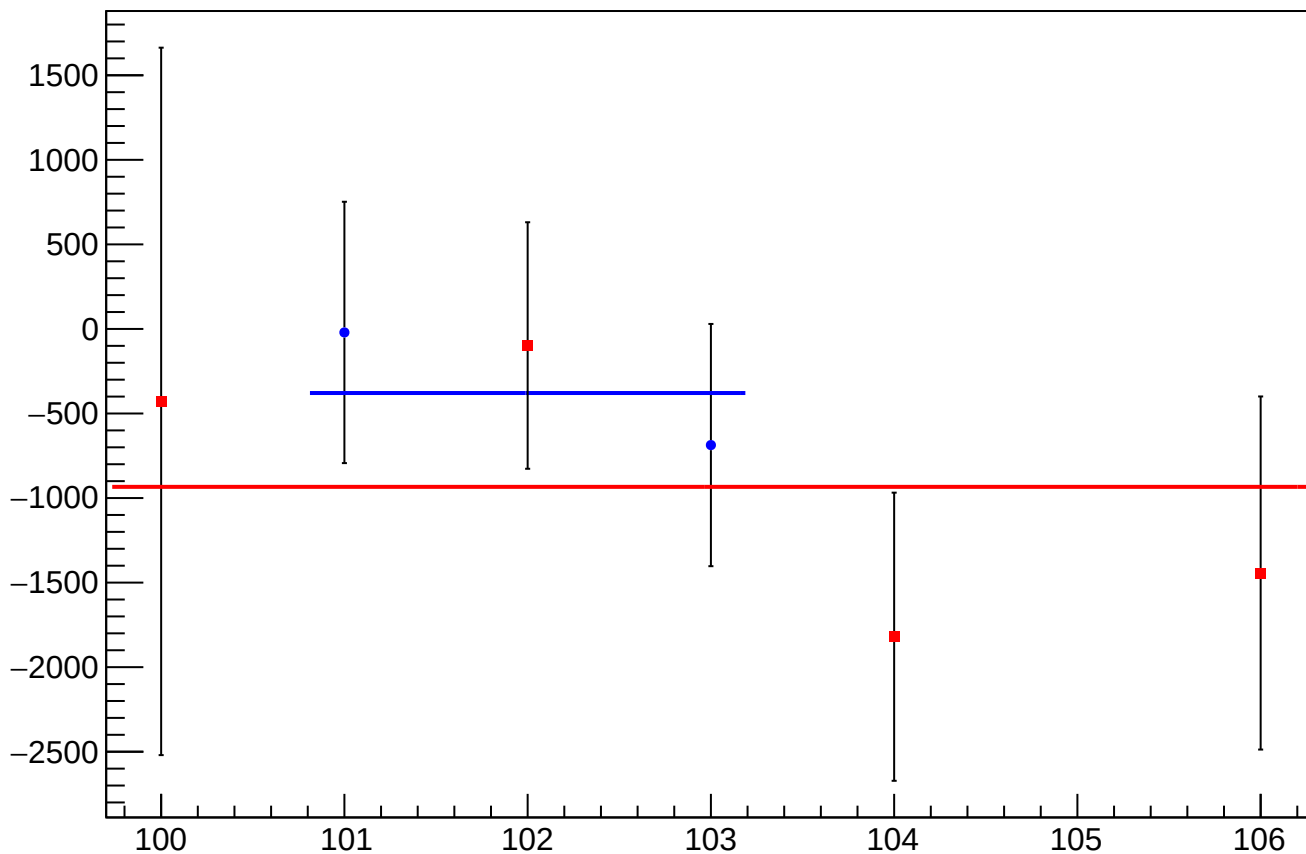
Right: 92.326 ± 0.039 $\chi^2/\text{NDF}: 13348.2/5$

In: 94.511 ± 0.060 $\chi^2/\text{NDF}: 3771.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 92.326 ± 0.039 $\chi^2/\text{NDF}: 13348.2/5$

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -933.763 $\pm$ 476.394 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

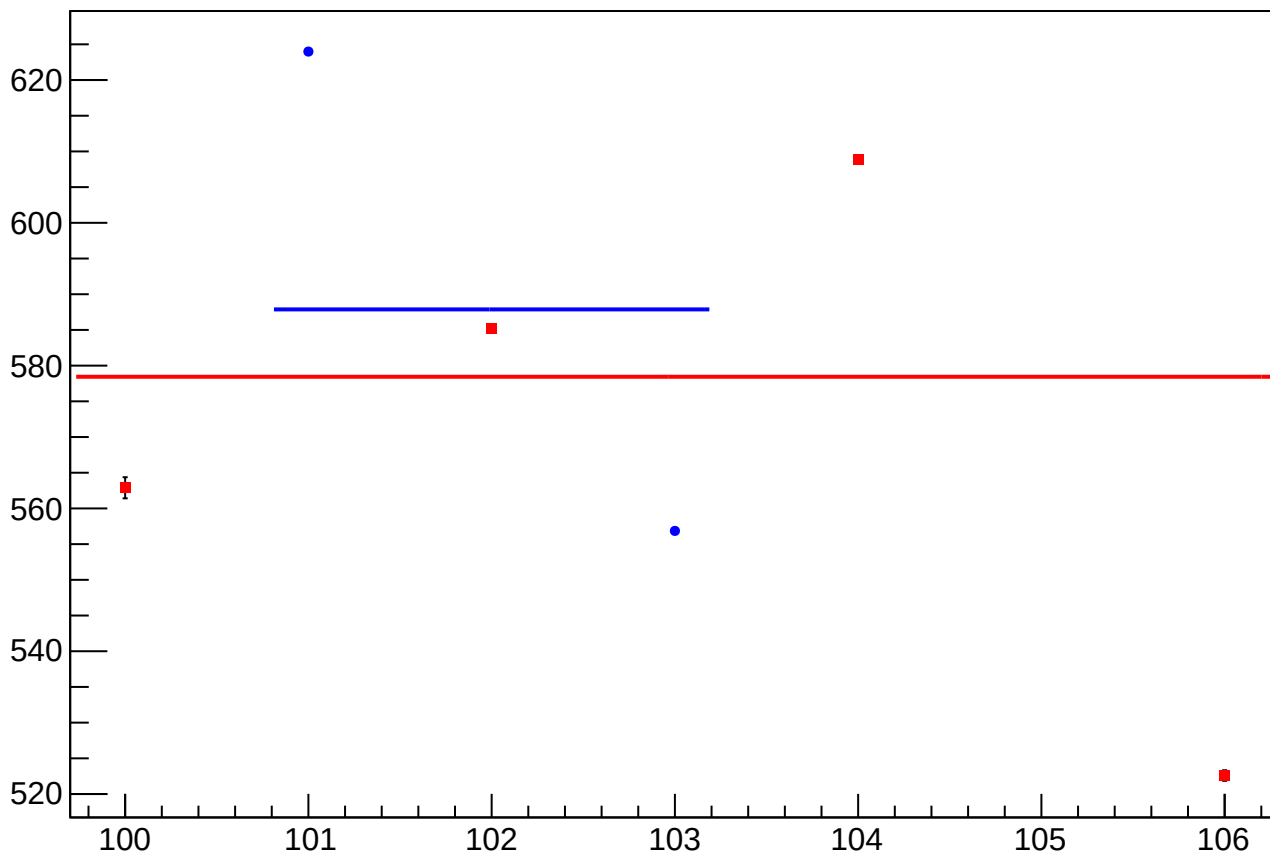
Right: -683.351 $\pm$ 352.881 χ^2 /NDF: 3.7/5

In: -378.911 $\pm$ 525.278 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -683.351 $\pm$ 352.881 χ^2 /NDF: 3.7/5

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.874 ± 0.371 χ^2/NDF : 8119.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 578.443 ± 0.337 χ^2/NDF : 8569.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

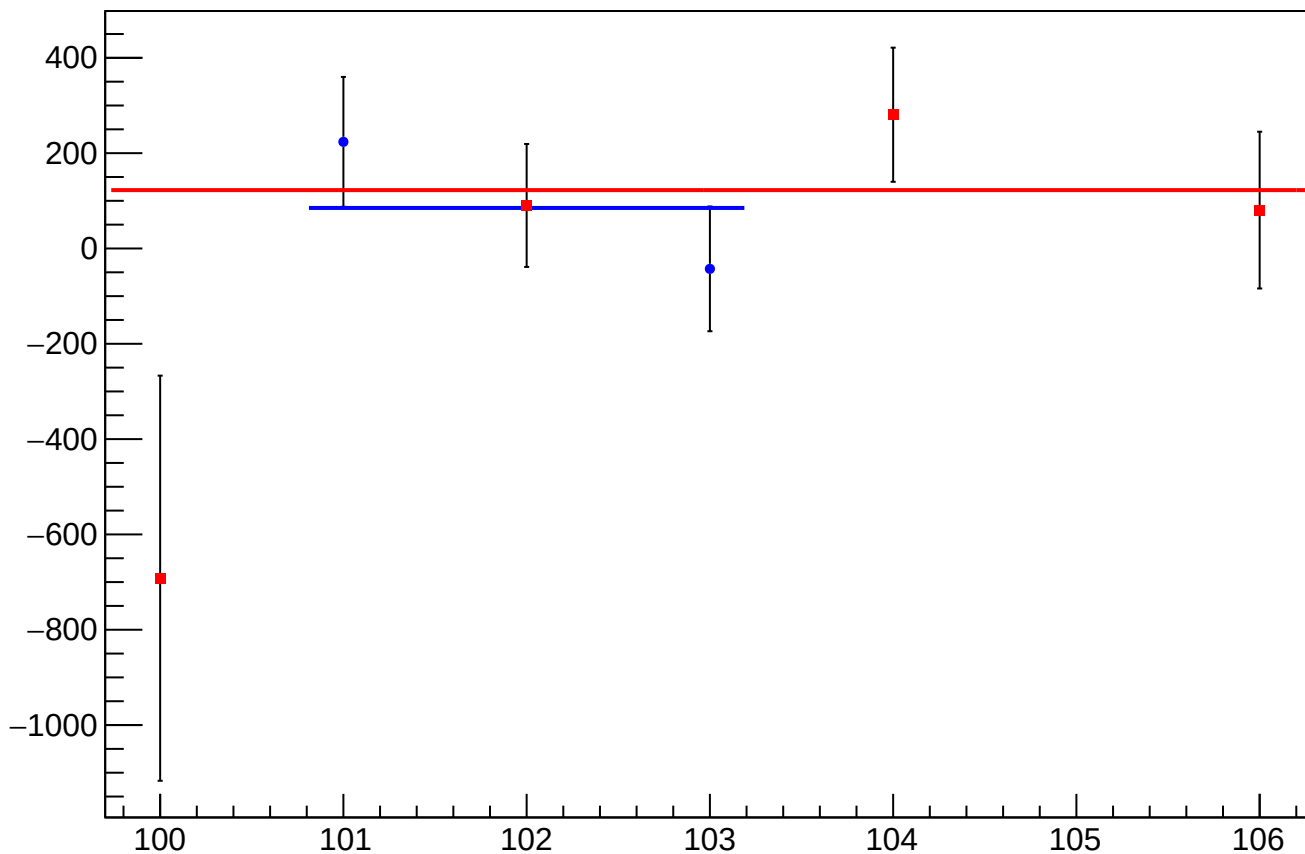
Right: 582.700 ± 0.250 χ^2/NDF : 17042.5/5

In: 587.874 ± 0.371 χ^2/NDF : 8119.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 582.700 ± 0.250 χ^2/NDF : 17042.5/5

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.063+/-94.406 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.447+/-80.820 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

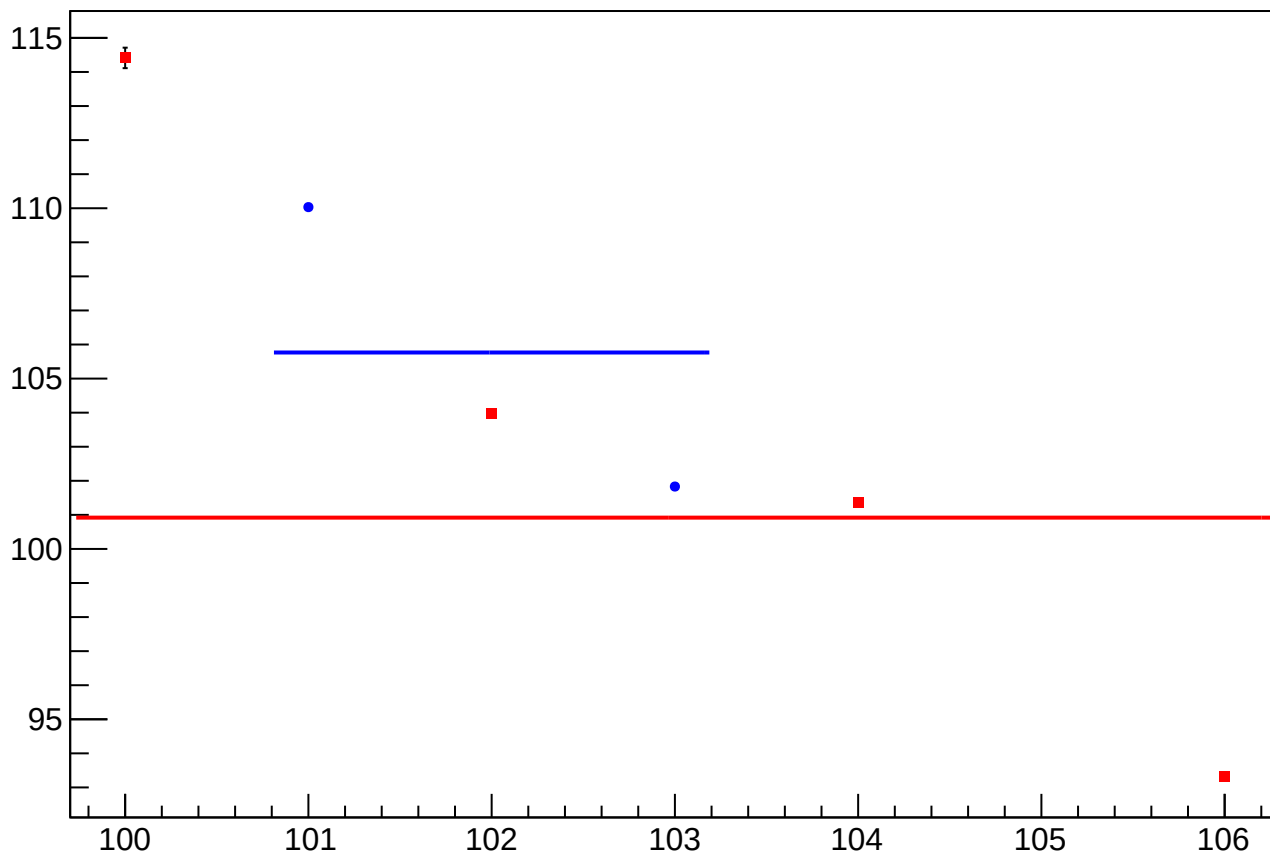
Right: 106.636+/-61.395 χ^2/NDF : 7.1/5

In: 85.063+/-94.406 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.636+/-61.395 χ^2/NDF : 7.1/5

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 105.766 $\pm$ 0.067 χ^2 /NDF: 3767.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.919 $\pm$ 0.057 χ^2 /NDF: 7445.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

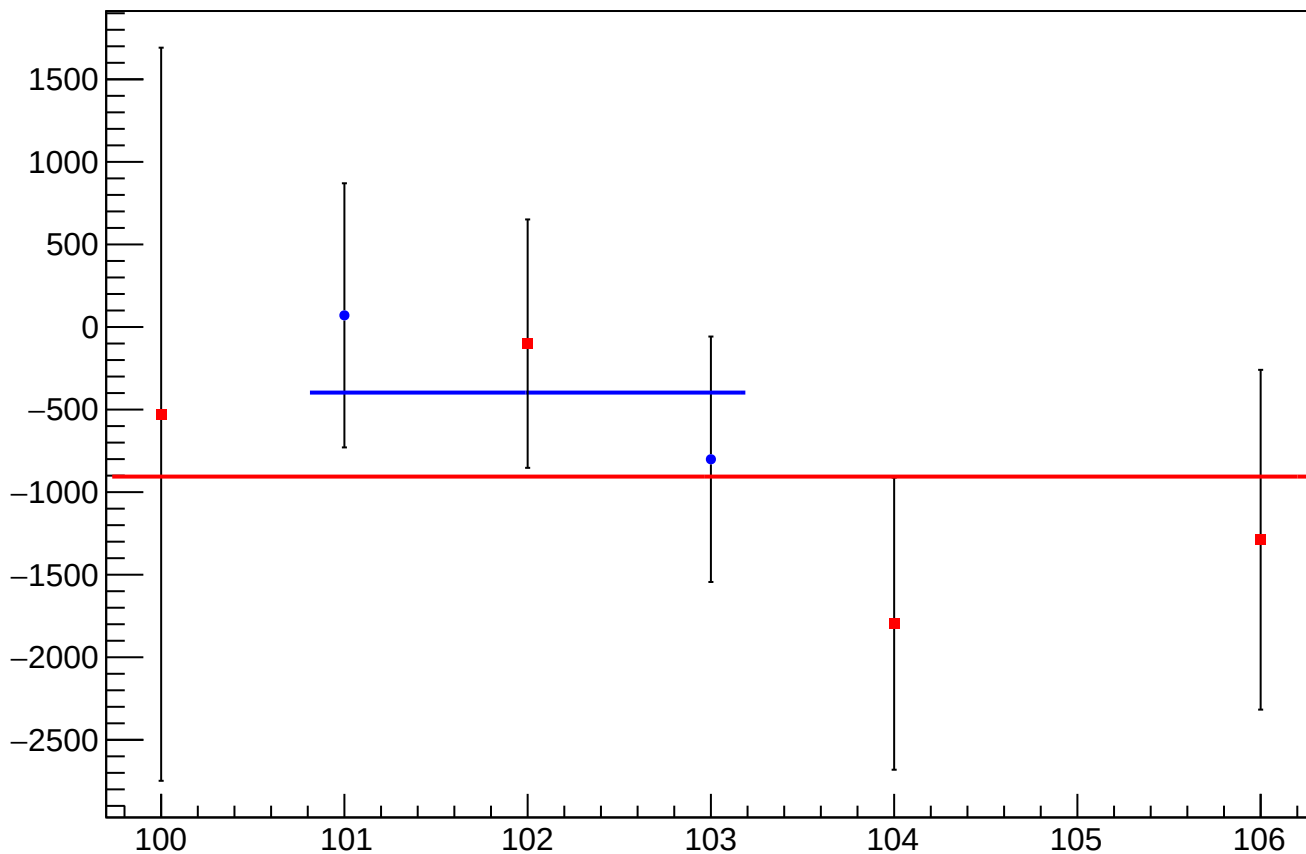
Right: 102.969 $\pm$ 0.043 χ^2 /NDF: 14254.9/5

In: 105.766 $\pm$ 0.067 χ^2 /NDF:3767.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.969 $\pm$ 0.043 χ^2 /NDF: 14254.9/5

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -397.087 $\pm$ 544.425 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -905.811 $\pm$ 488.343 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

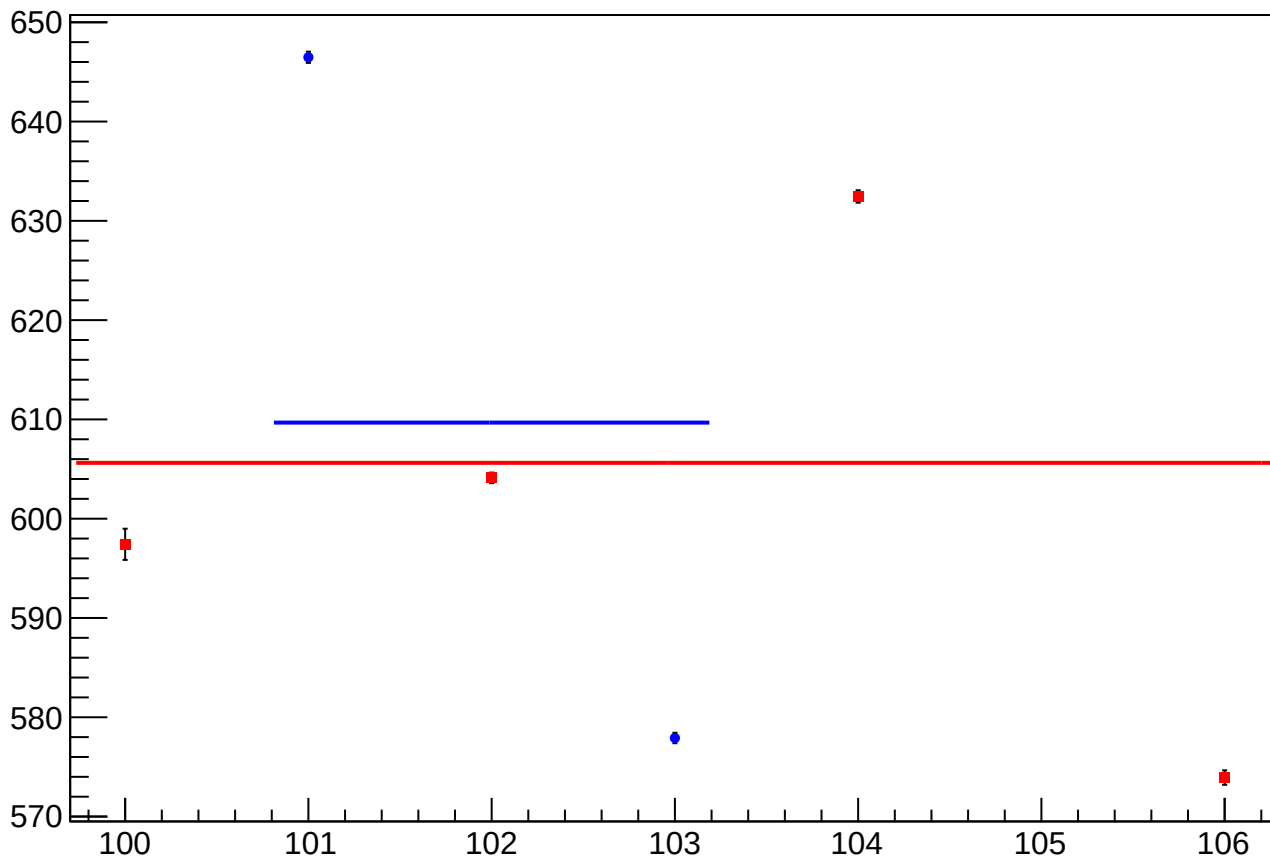
Right: -678.993 $\pm$ 363.526 χ^2 /NDF: 3.4/5

In: -397.087 $\pm$ 544.425 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -678.993 $\pm$ 363.526 χ^2 /NDF: 3.4/5

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 609.680 $\pm$ 0.385 χ^2 /NDF: 7887.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.627 $\pm$ 0.345 χ^2 /NDF: 3774.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

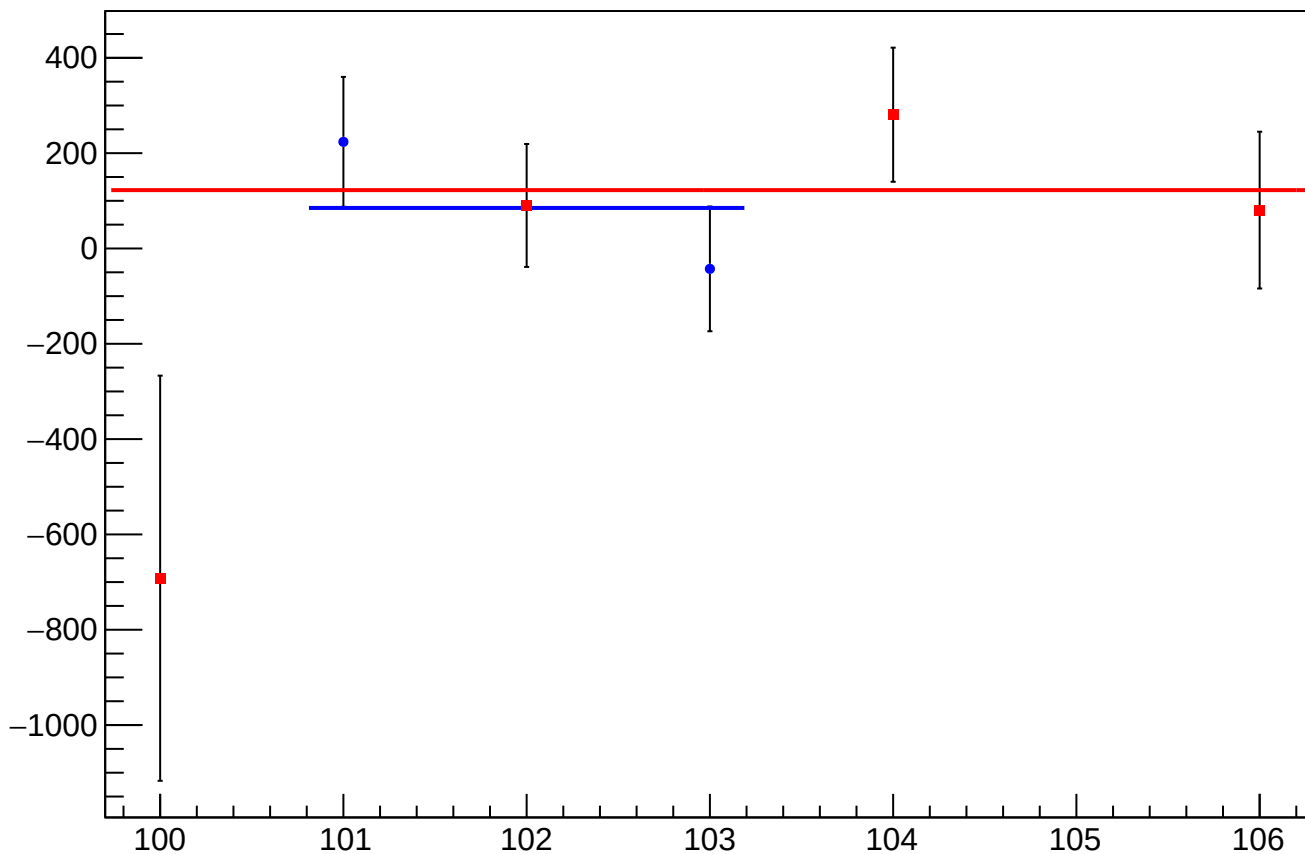
Right: 607.434 $\pm$ 0.257 χ^2 /NDF: 11722.9/5

In: 609.680 $\pm$ 0.385 χ^2 /NDF:7887.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 607.434 $\pm$ 0.257 χ^2 /NDF: 11722.9/5

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.064 $\pm$ 94.406 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 122.446 $\pm$ 80.820 χ^2 /NDF: 5.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

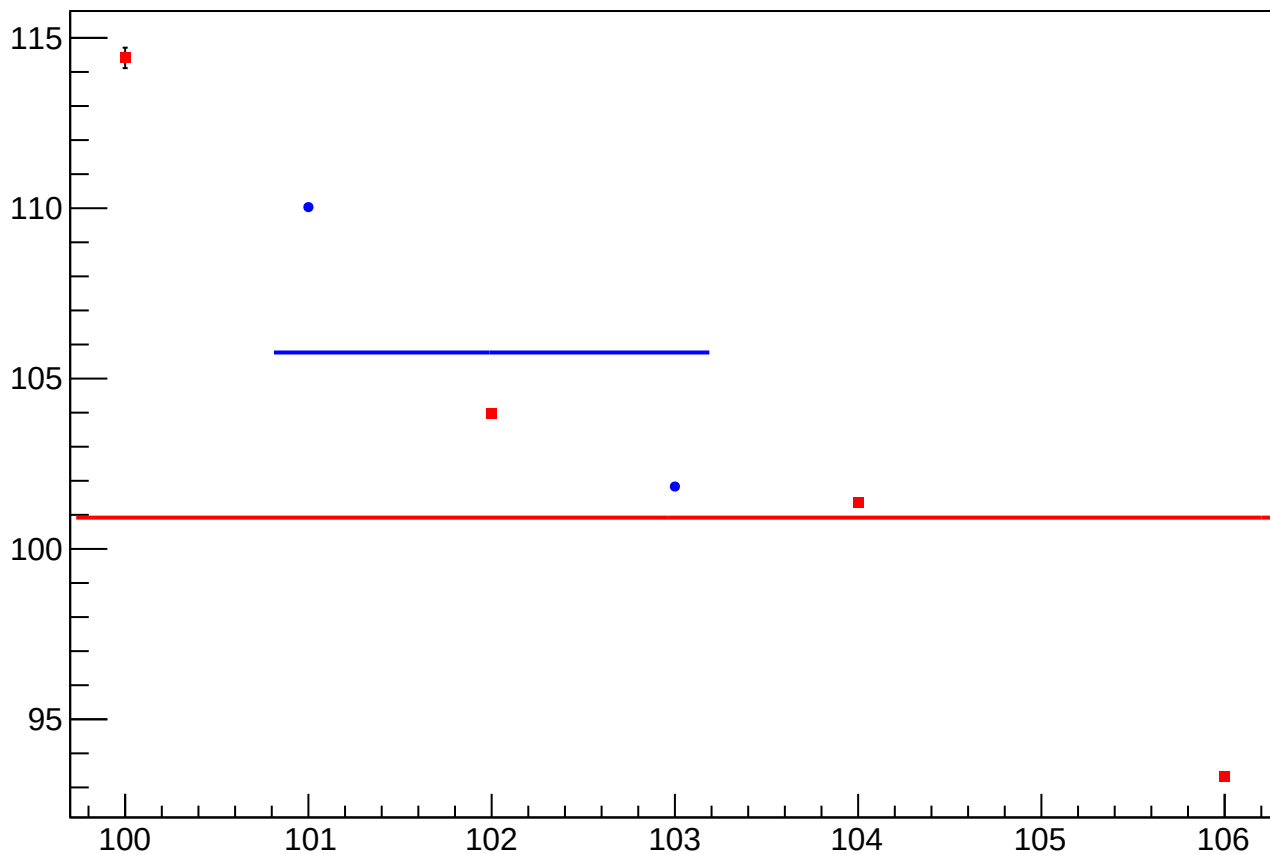
Right: 106.636 $\pm$ 61.395 χ^2 /NDF: 7.1/5

In: 85.064 $\pm$ 94.406 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.636 $\pm$ 61.395 χ^2 /NDF: 7.1/5

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 105.766 $\pm$ 0.067 χ^2 /NDF: 3767.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.919 $\pm$ 0.057 χ^2 /NDF: 7445.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

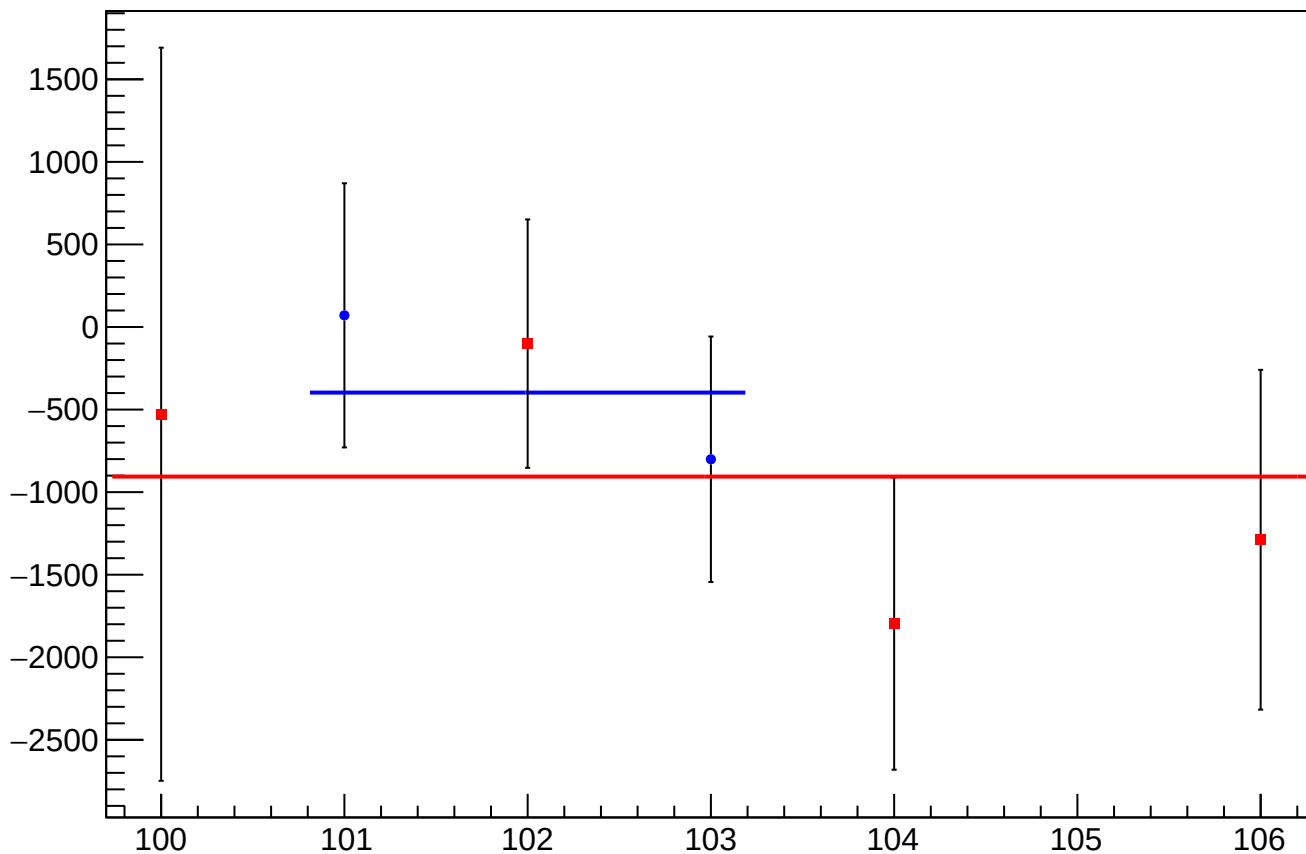
Right: 102.969 $\pm$ 0.043 χ^2 /NDF: 14254.6/5

In: 105.766 $\pm$ 0.067 χ^2 /NDF:3767.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.969 $\pm$ 0.043 χ^2 /NDF: 14254.6/5

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -397.086 ± 544.424 χ^2/NDF : 0.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -905.811 ± 488.343 χ^2/NDF : 2.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

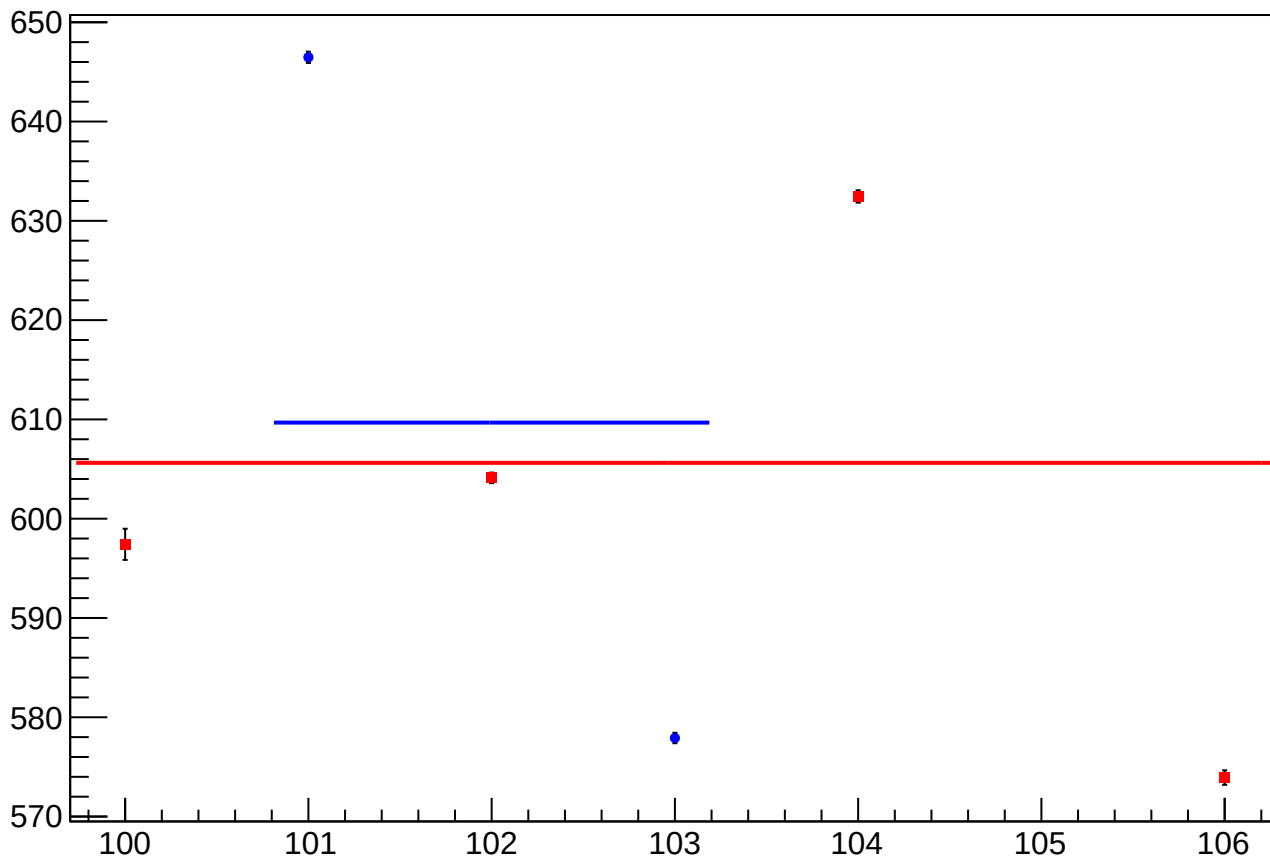
Right: -678.992 ± 363.526 χ^2/NDF : 3.4/5

In: -397.086 ± 544.424 χ^2/NDF : 0.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -678.992 ± 363.526 χ^2/NDF : 3.4/5

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 609.679 $\pm$ 0.385 χ^2 /NDF: 7886.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.626 $\pm$ 0.345 χ^2 /NDF: 3774.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

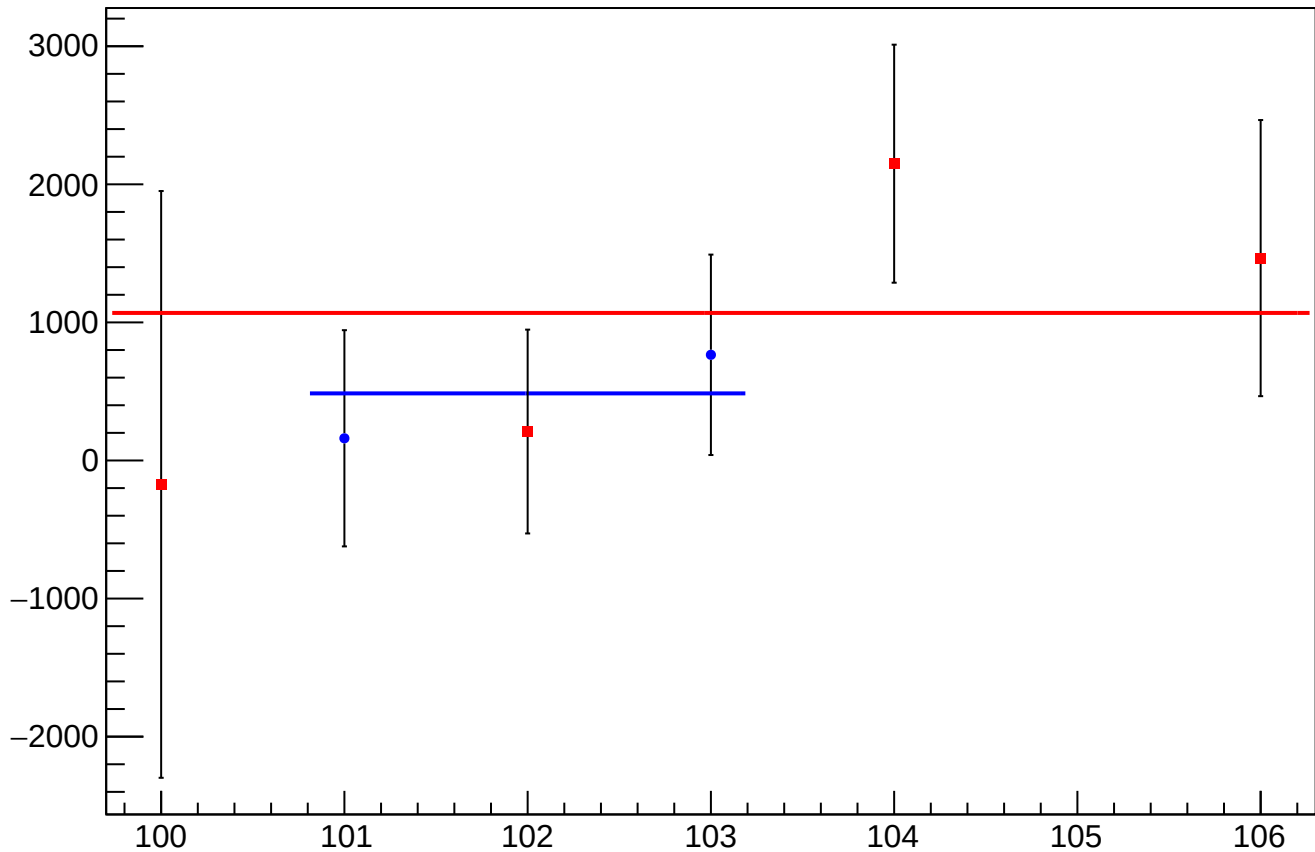
Right: 607.433 $\pm$ 0.257 χ^2 /NDF: 11722.8/5

In: 609.679 $\pm$ 0.385 χ^2 /NDF:7886.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 607.433 $\pm$ 0.257 χ^2 /NDF: 11722.8/5

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 485.892+/-532.244 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.569+/-476.534 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

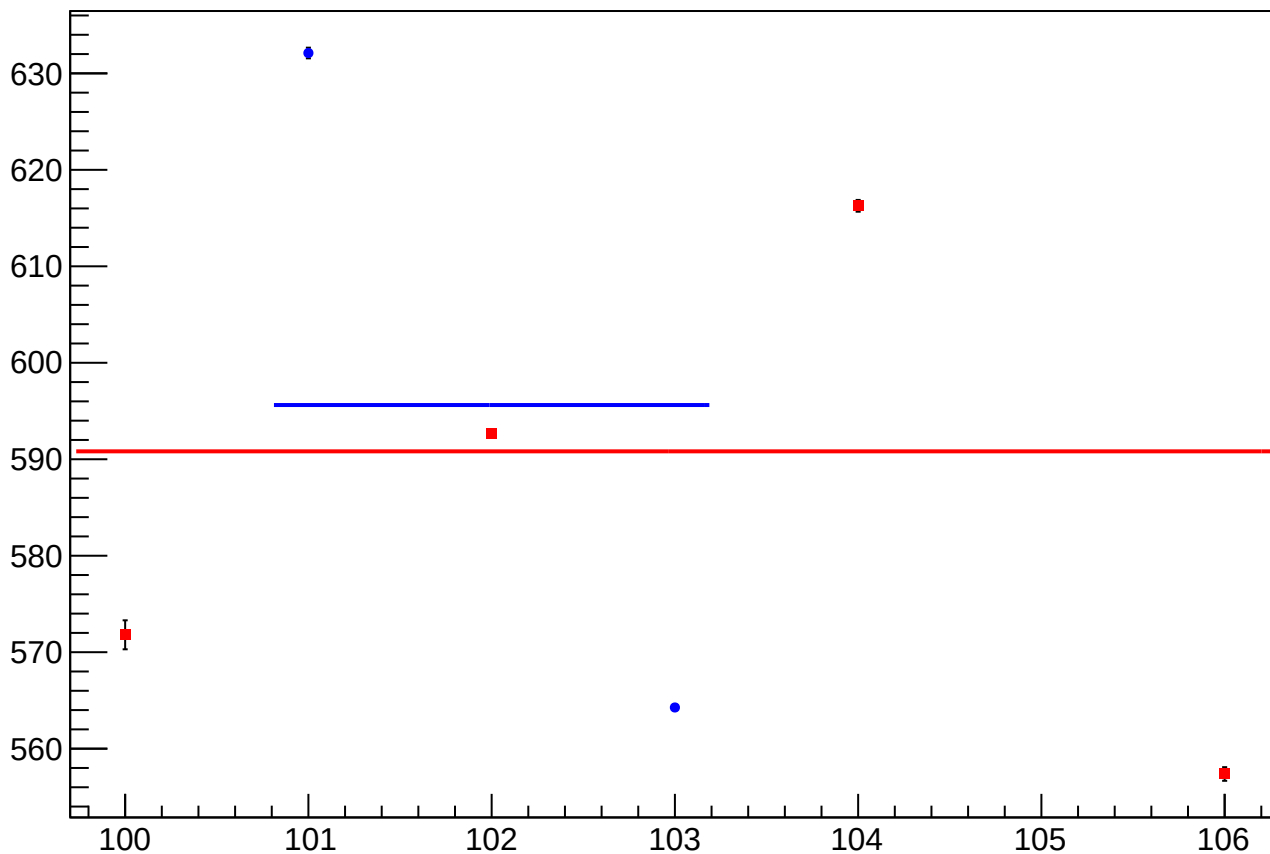
Right: 809.311+/-355.028 χ^2/NDF : 4.4/5

In: 485.892+/-532.244 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.311+/-355.028 χ^2/NDF : 4.4/5

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 595.621+/-0.376 χ^2/NDF : 8076.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.820+/-0.337 χ^2/NDF : 4154.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

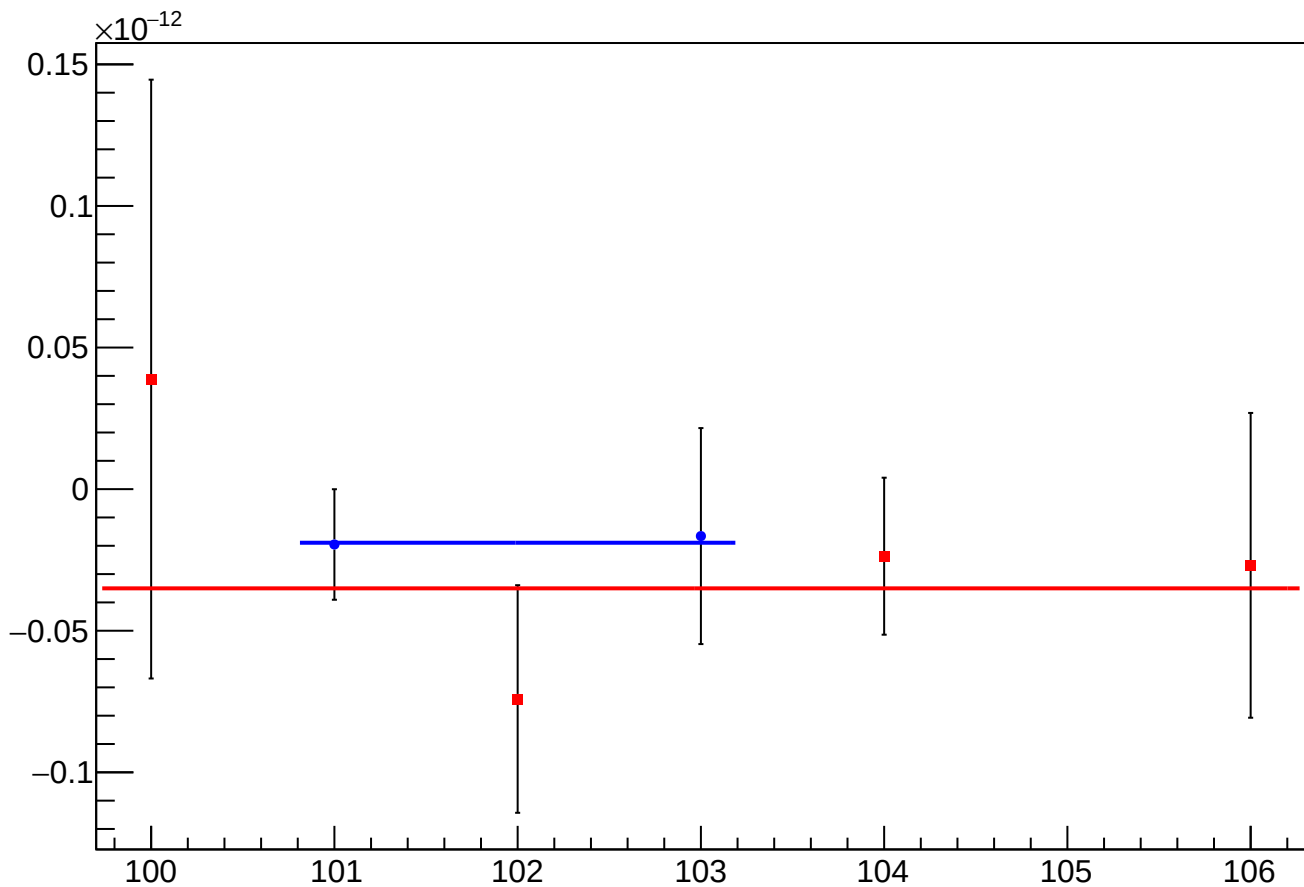
Right: 592.956+/-0.251 χ^2/NDF : 12320.8/5

In: 595.621+/-0.376 χ^2/NDF : 8076.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.956+/-0.251 χ^2/NDF : 12320.8/5

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

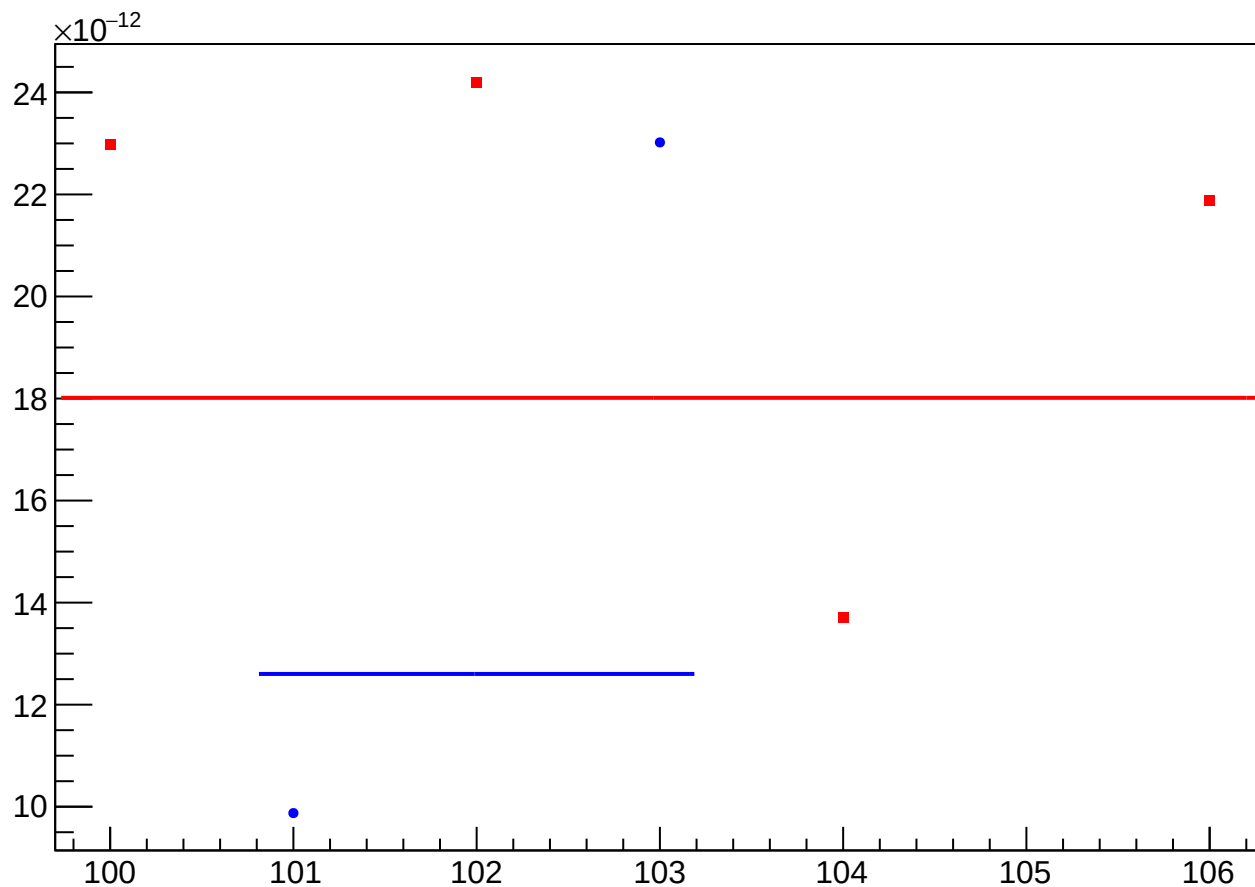
Right: -0.000+/-0.000 χ^2/NDF : 2.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.0/5

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 188297.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 110503.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

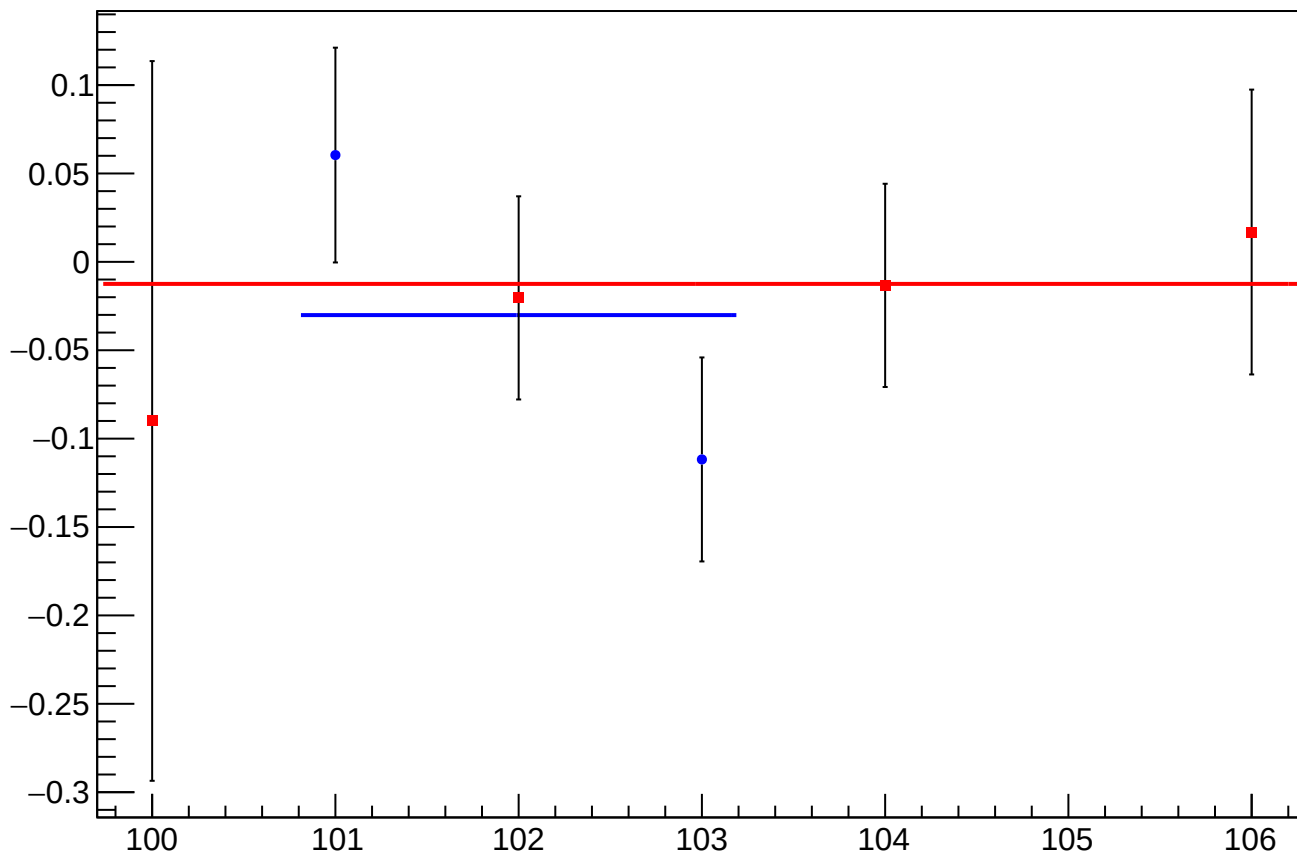
Right: 0.000+/-0.000 χ^2/NDF : 379446.2/5

In: 0.000+/-0.000 χ^2/NDF : 188297.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 379446.2/5

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.036 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

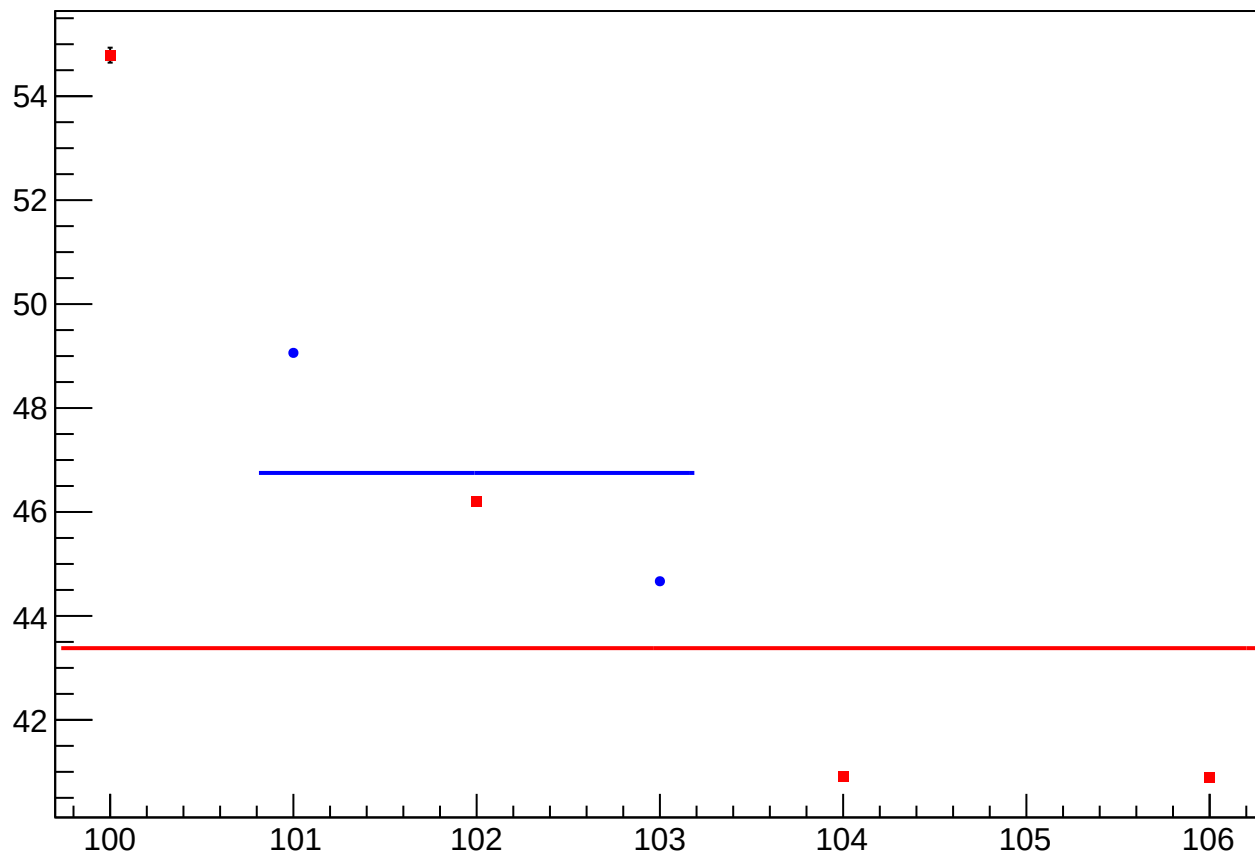
Right: -0.020+/-0.027 χ^2/NDF : 4.6/5

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.027 χ^2/NDF : 4.6/5

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.380+/-0.025 χ^2/NDF : 16687.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

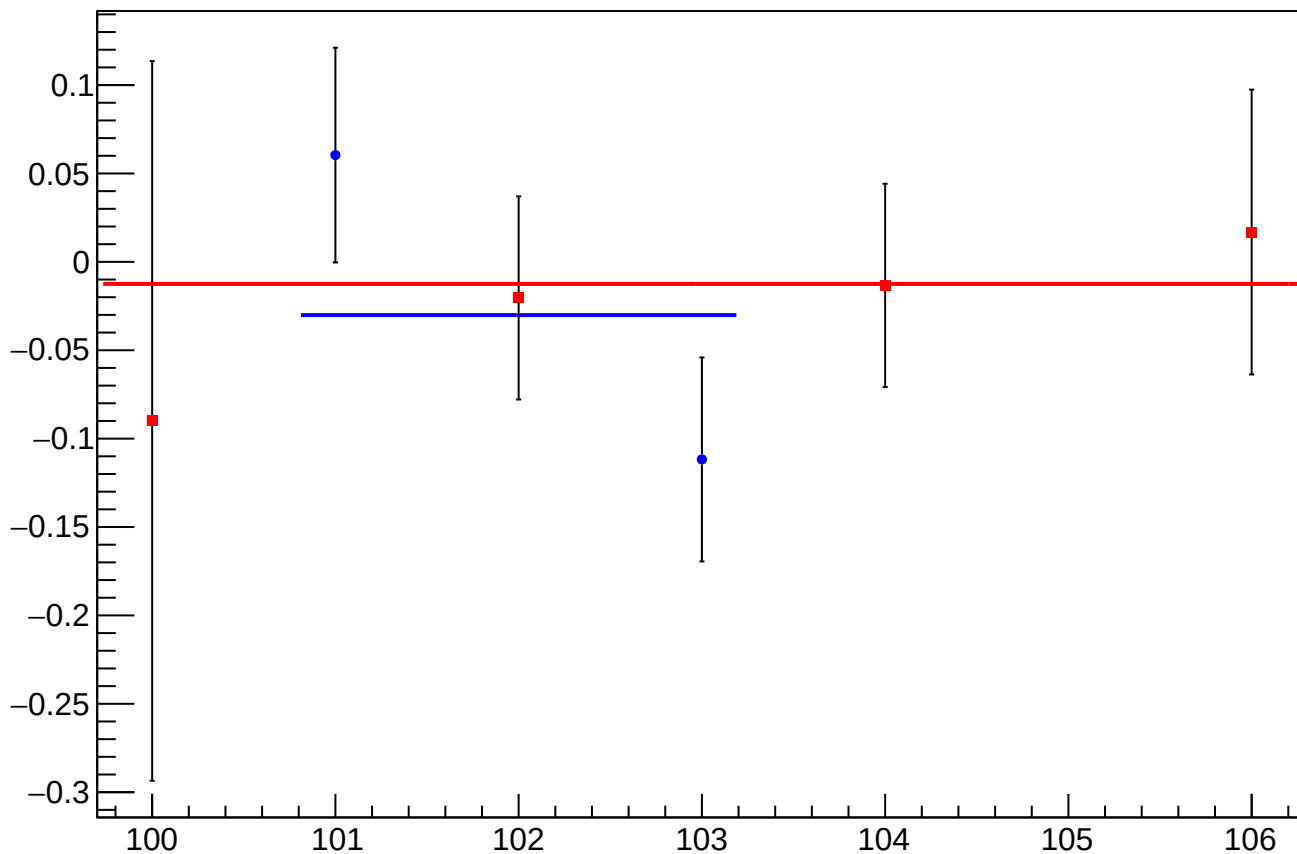
Right: 44.801+/-0.019 χ^2/NDF : 29699.5/5

In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.801+/-0.019 χ^2/NDF : 29699.5/5

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.036 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

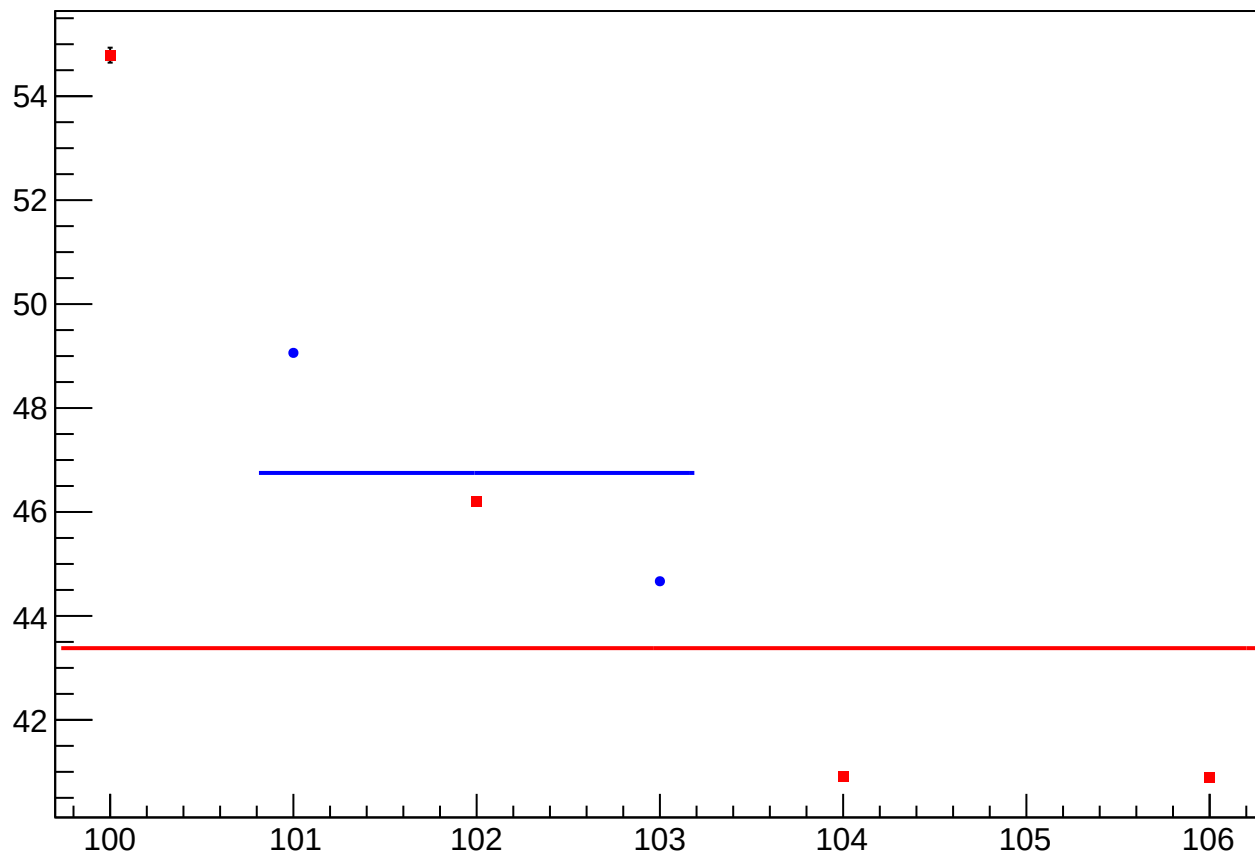
Right: -0.020+/-0.027 χ^2/NDF : 4.6/5

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.027 χ^2/NDF : 4.6/5

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.380+/-0.025 χ^2/NDF : 16687.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

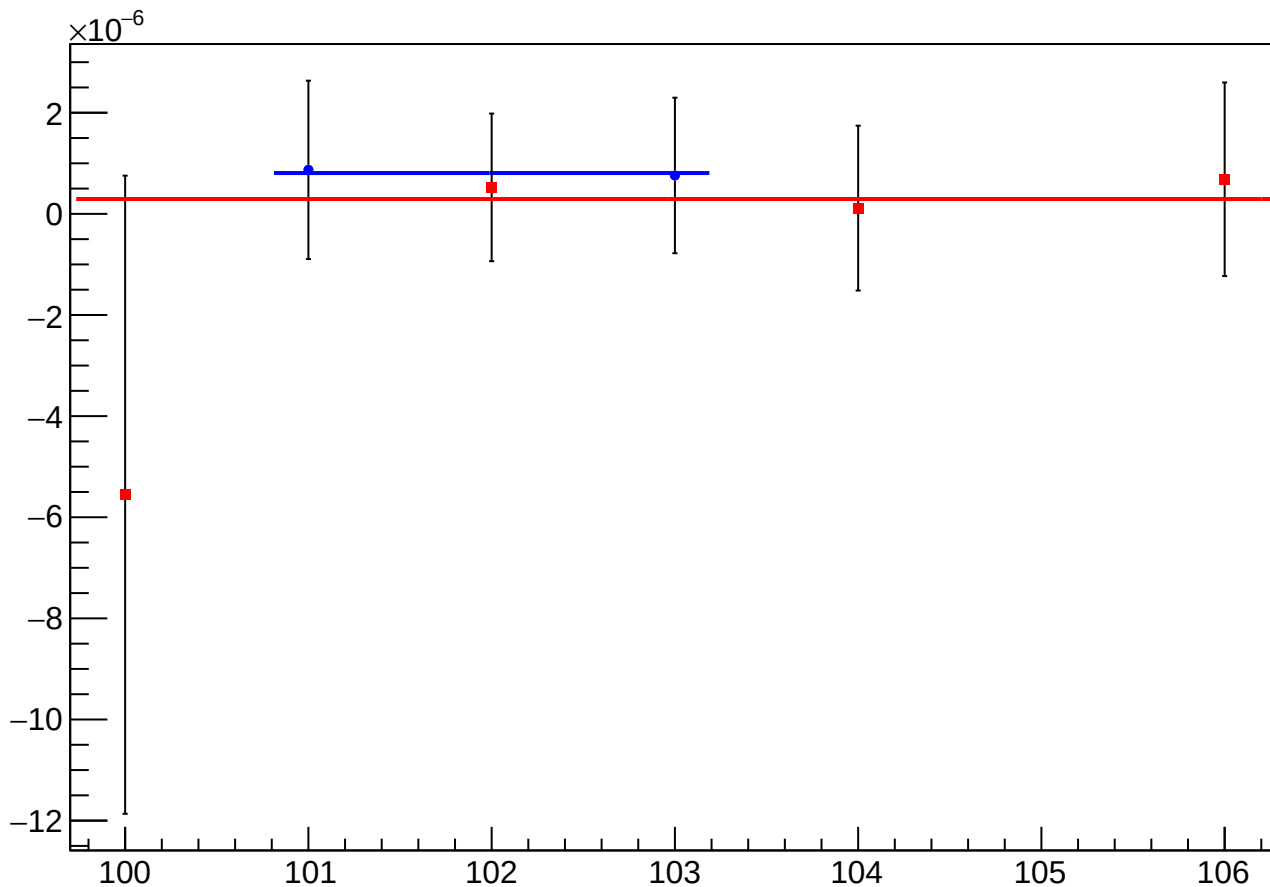
Right: 44.801+/-0.019 χ^2/NDF : 29699.5/5

In: 46.751+/-0.030 χ^2/NDF : 5500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.801+/-0.019 χ^2/NDF : 29699.5/5

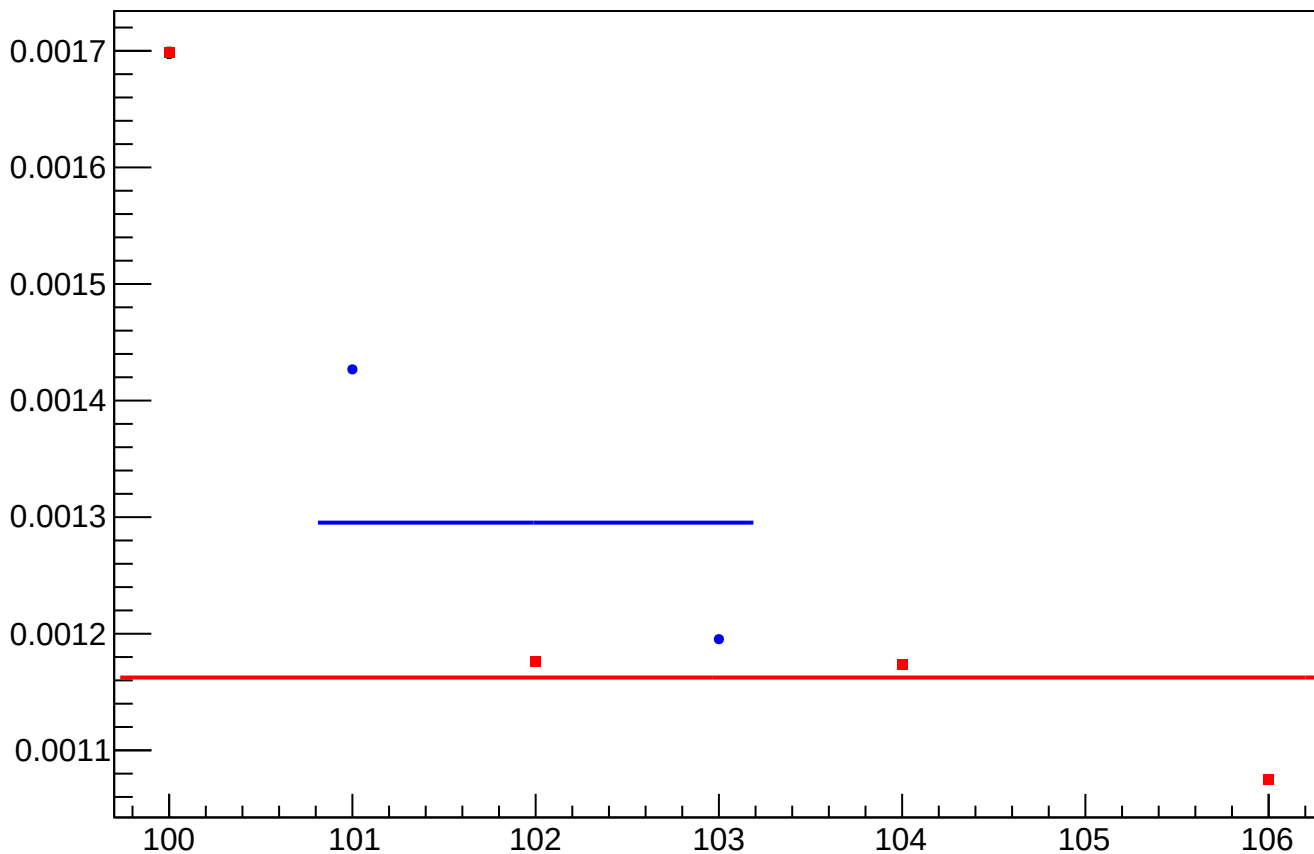
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.1/5
 In: 0.000+/-0.000 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 1.1/5

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 19556.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 18832.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

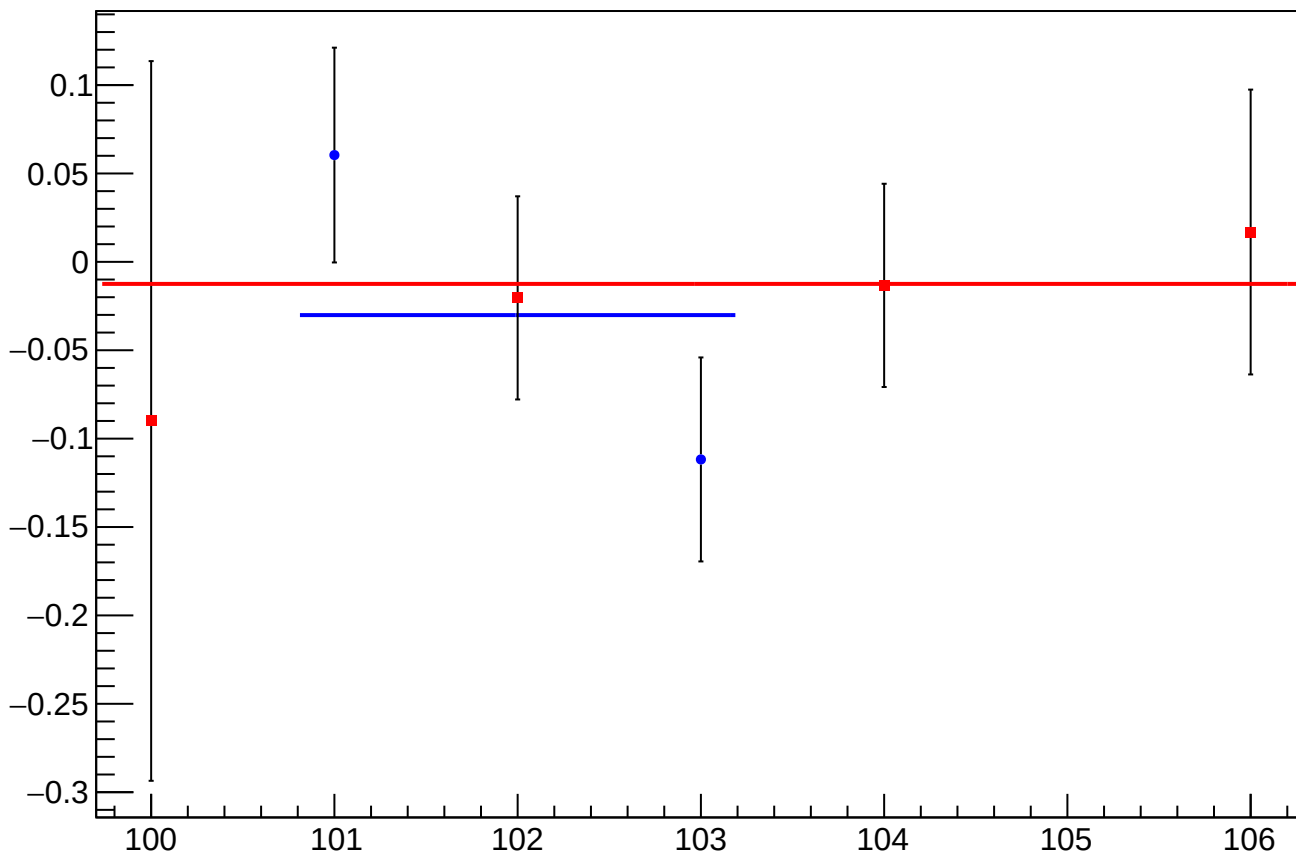
Right: 0.001+/-0.000 χ^2/NDF : 54298.9/5

In: 0.001+/-0.000 χ^2/NDF : 19556.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 54298.9/5

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.036 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

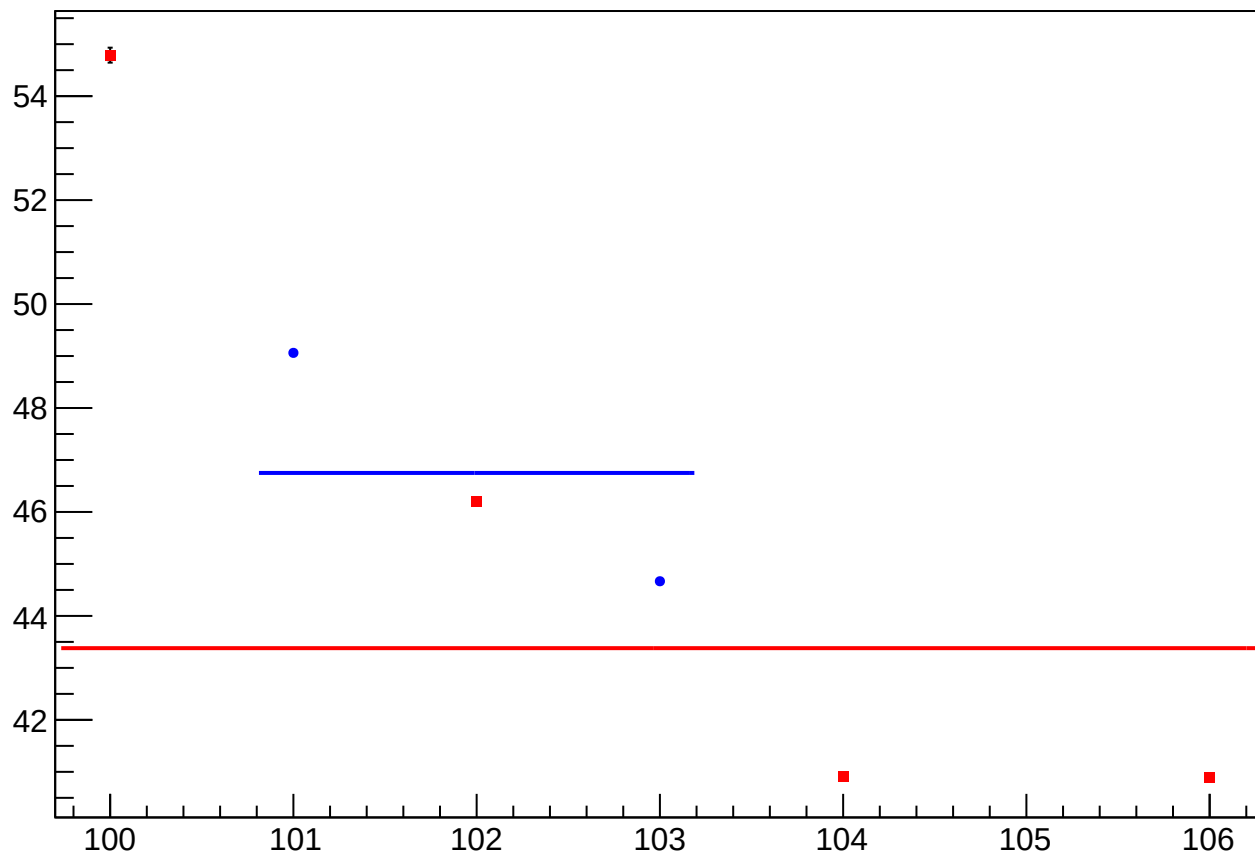
Right: -0.020+/-0.027 χ^2/NDF : 4.6/5

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.027 χ^2/NDF : 4.6/5

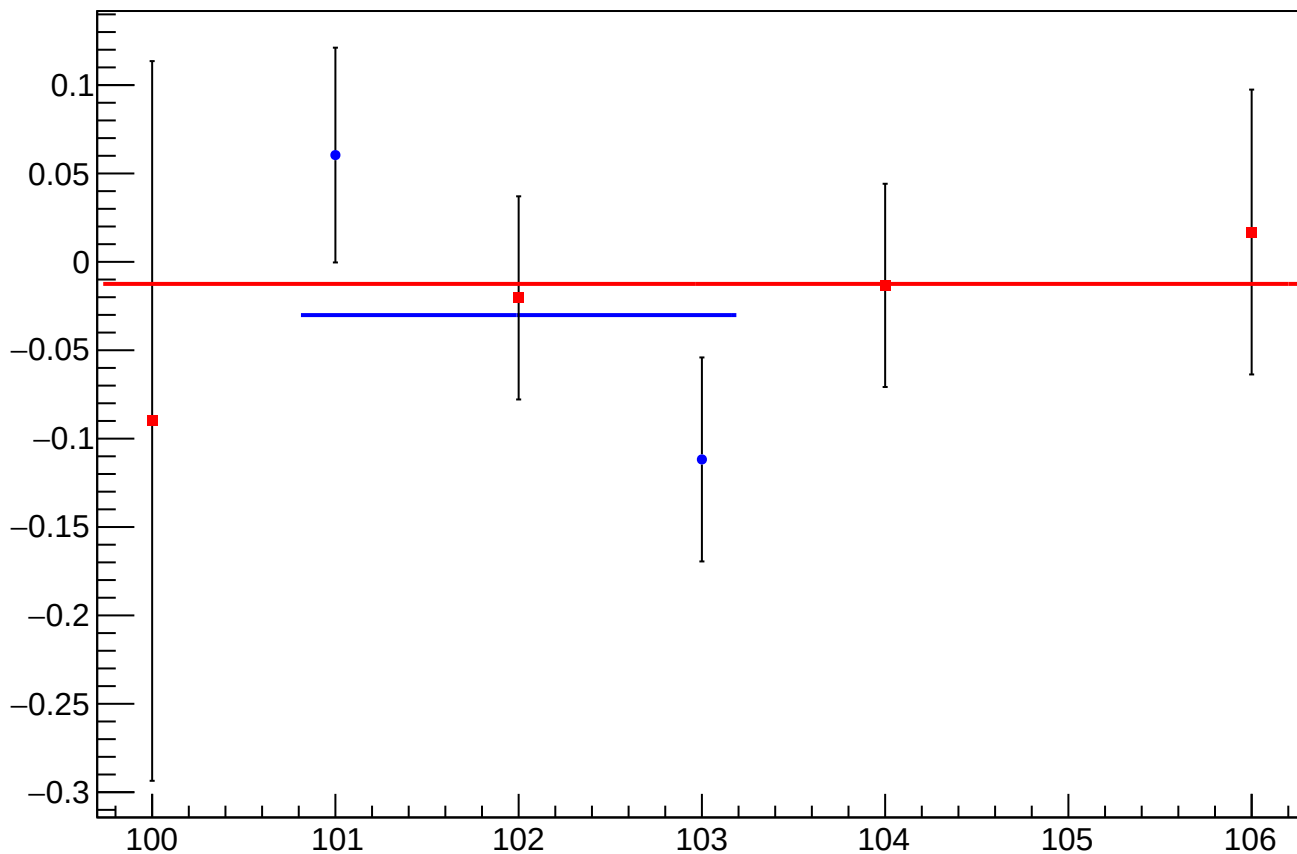
asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751+/-0.030 χ^2/NDF : 5500.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 43.380+/-0.025 χ^2/NDF : 16687.6/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 44.801+/-0.019 χ^2/NDF : 29698.7/5
 In: 46.751+/-0.030 χ^2/NDF : 5500.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 44.801+/-0.019 χ^2/NDF : 29698.7/5

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.036 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

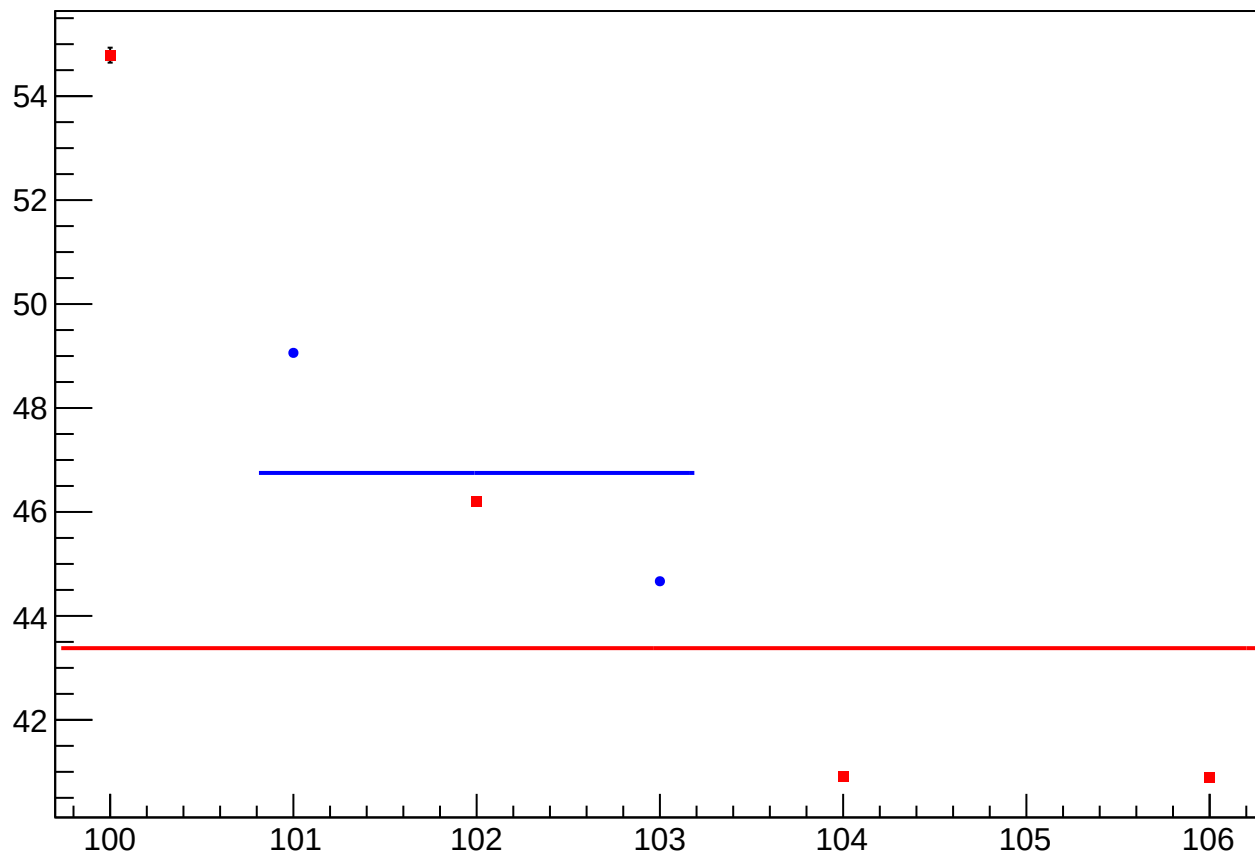
Right: -0.020+/-0.027 χ^2/NDF : 4.6/5

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.027 χ^2/NDF : 4.6/5

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751 ± 0.030 $\chi^2/\text{NDF}: 5500.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.380 ± 0.025 $\chi^2/\text{NDF}: 16687.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

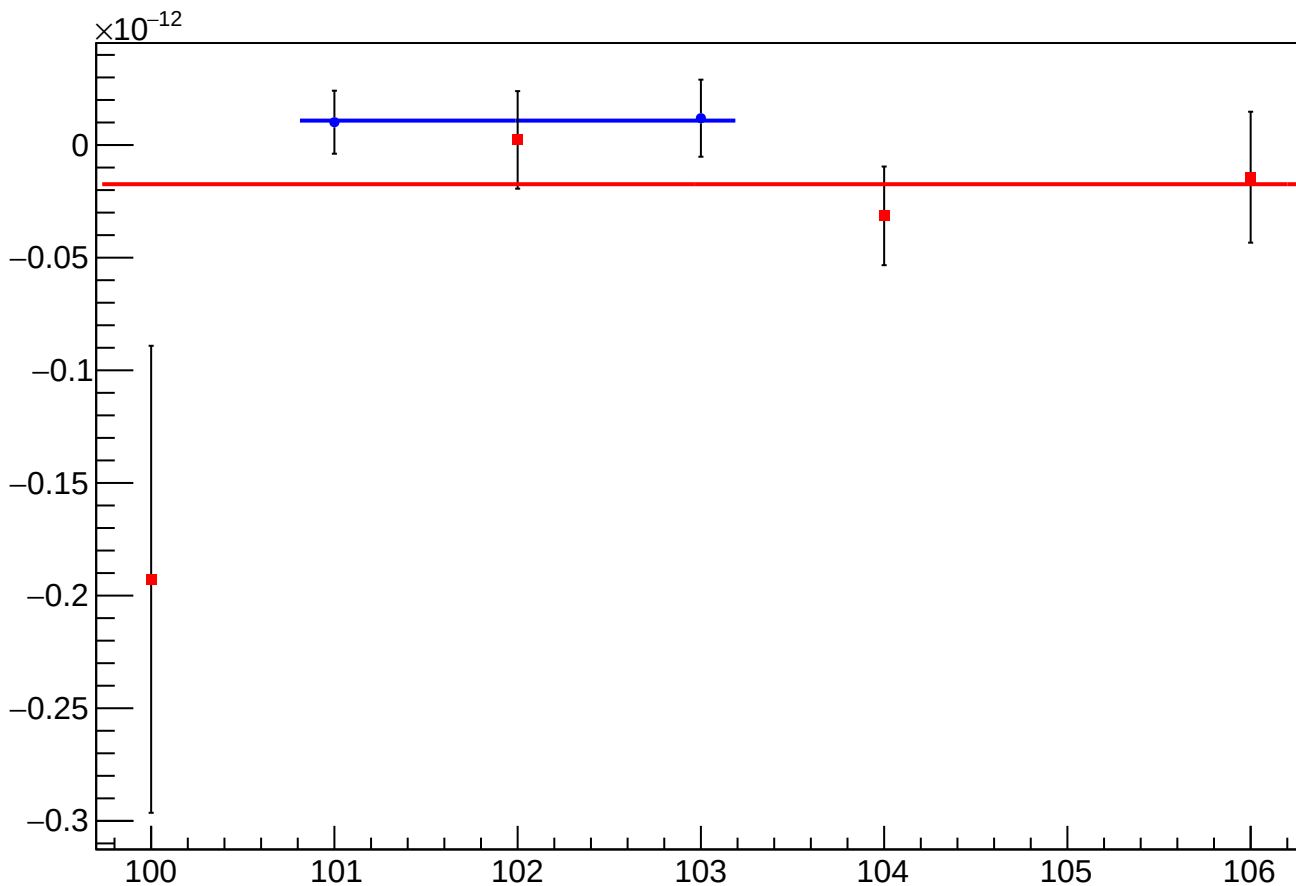
Right: 44.801 ± 0.019 $\chi^2/\text{NDF}: 29698.7/5$

In: 46.751 ± 0.030 $\chi^2/\text{NDF}: 5500.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 44.801 ± 0.019 $\chi^2/\text{NDF}: 29698.7/5$

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

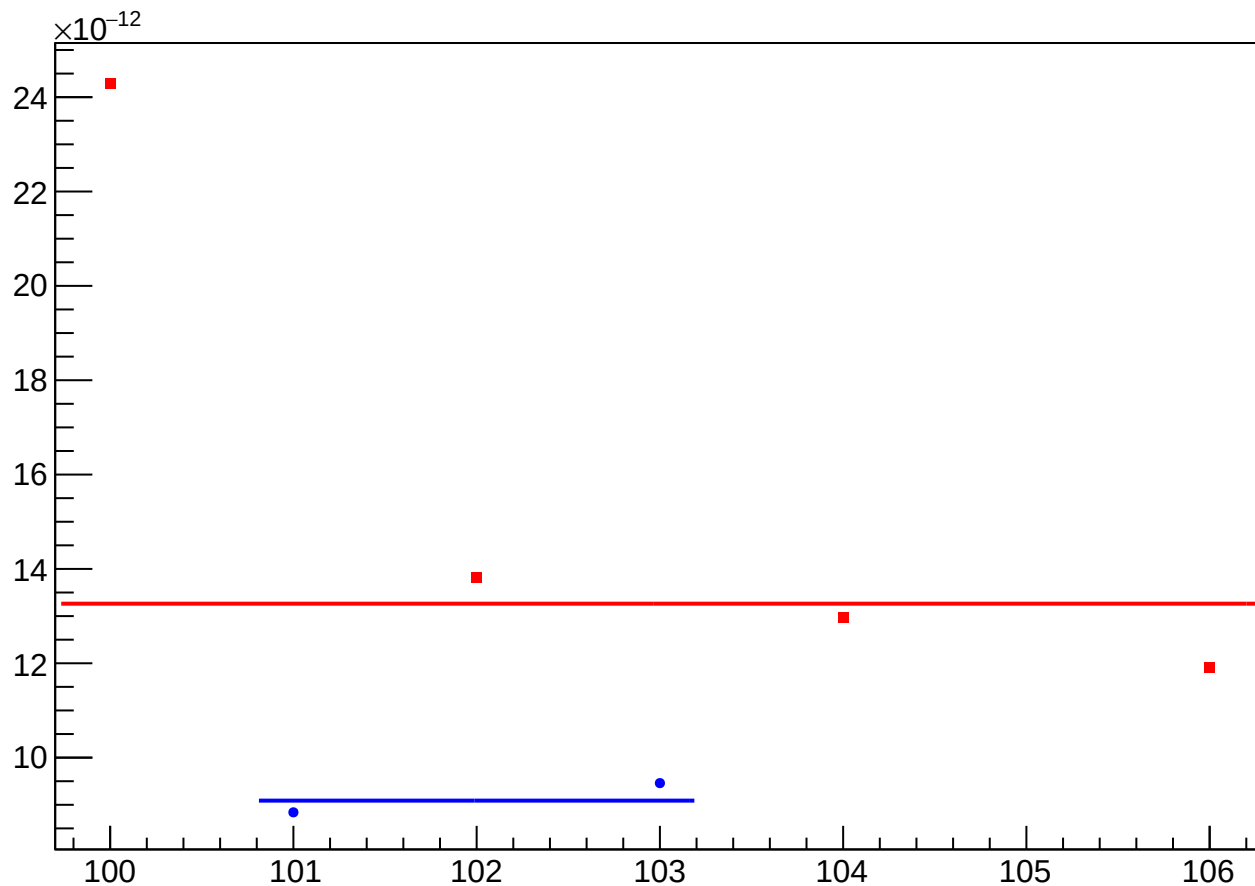
Right: -0.000+/-0.000 χ^2/NDF : 6.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/5

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1572.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28694.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

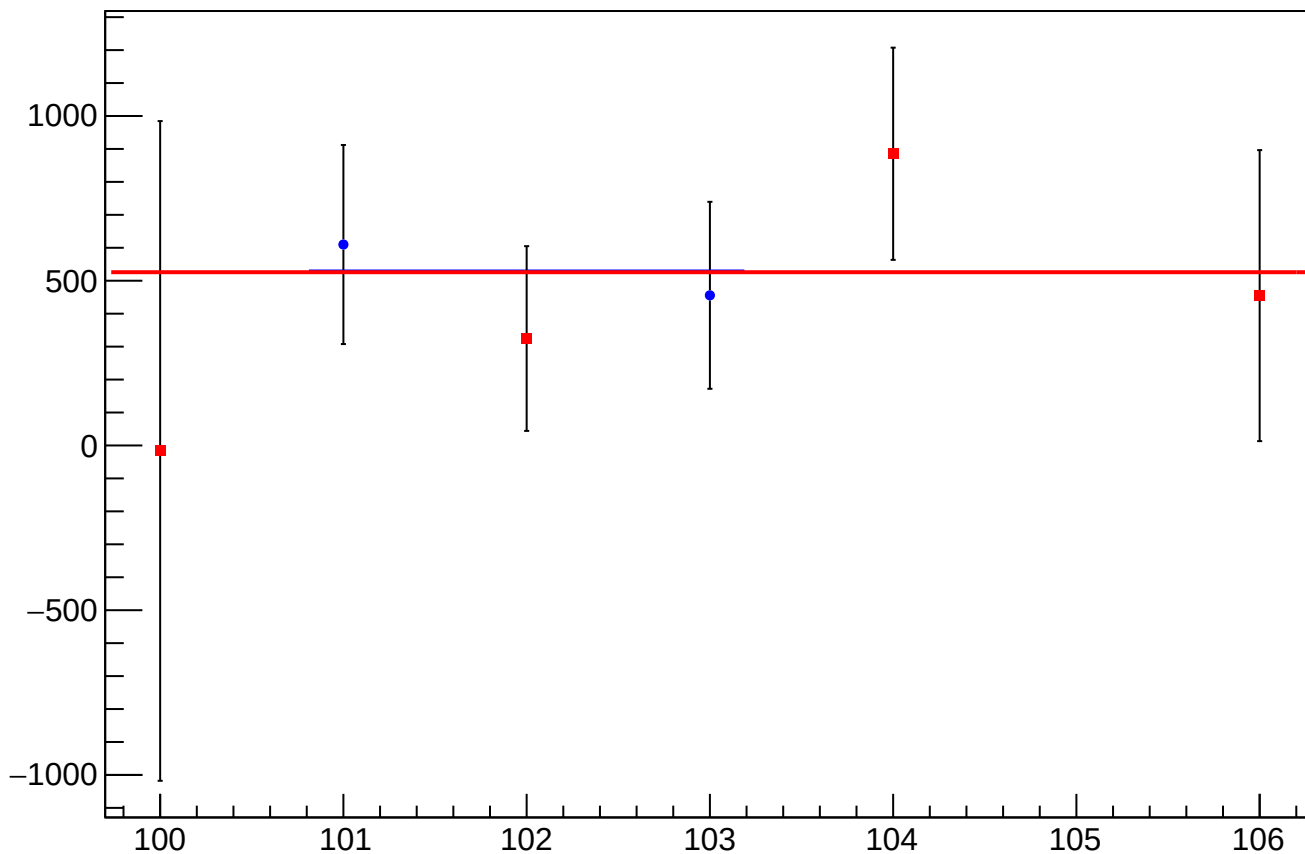
Right: 0.000+/-0.000 χ^2/NDF : 146791.1/5

In: 0.000+/-0.000 χ^2/NDF : 1572.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 146791.1/5

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 527.986 $\pm$ 206.829 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 525.874 $\pm$ 187.350 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

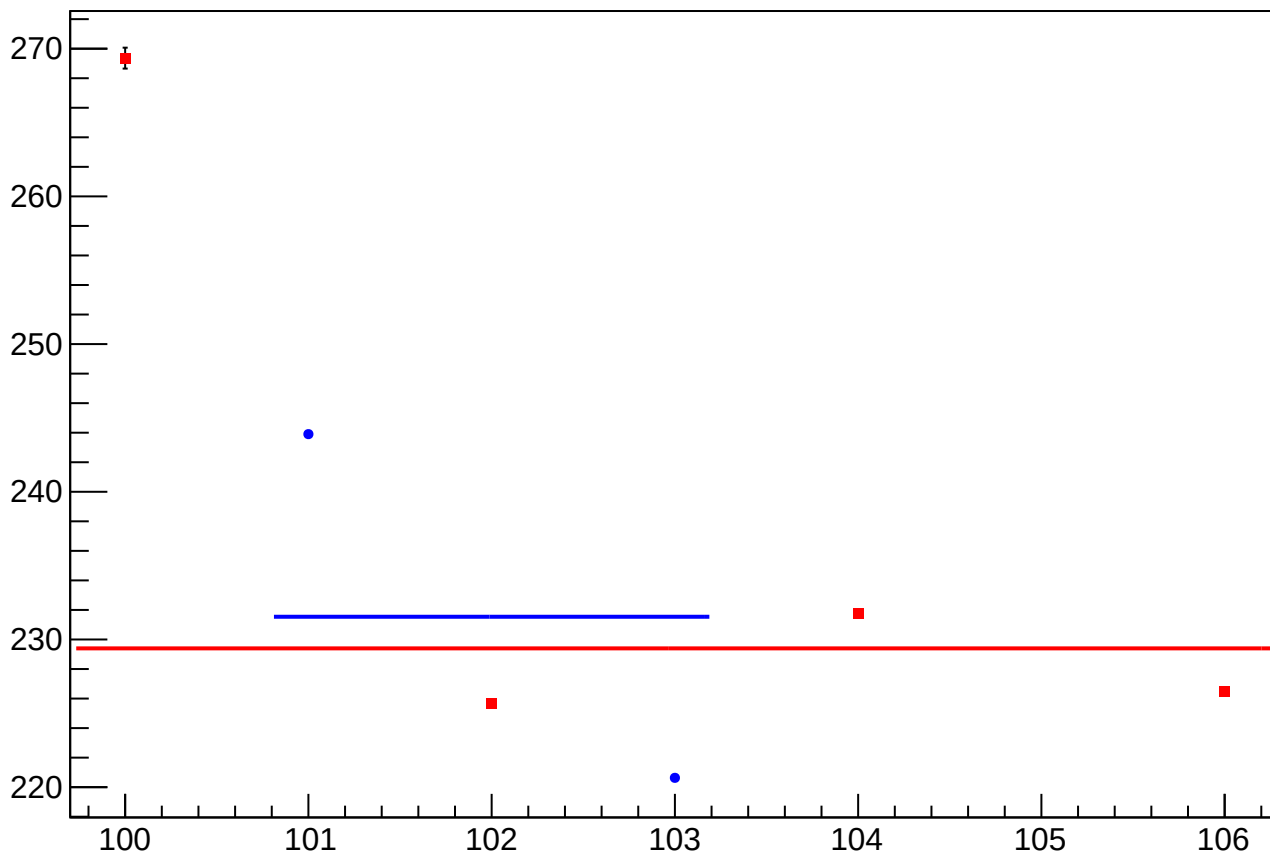
Right: 526.826 $\pm$ 138.853 χ^2 /NDF: 2.2/5

In: 527.986 $\pm$ 206.829 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 526.826 $\pm$ 138.853 χ^2 /NDF: 2.2/5

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539 $\pm$ 0.146 χ^2 /NDF: 6304.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 229.398 $\pm$ 0.132 χ^2 /NDF: 3739.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

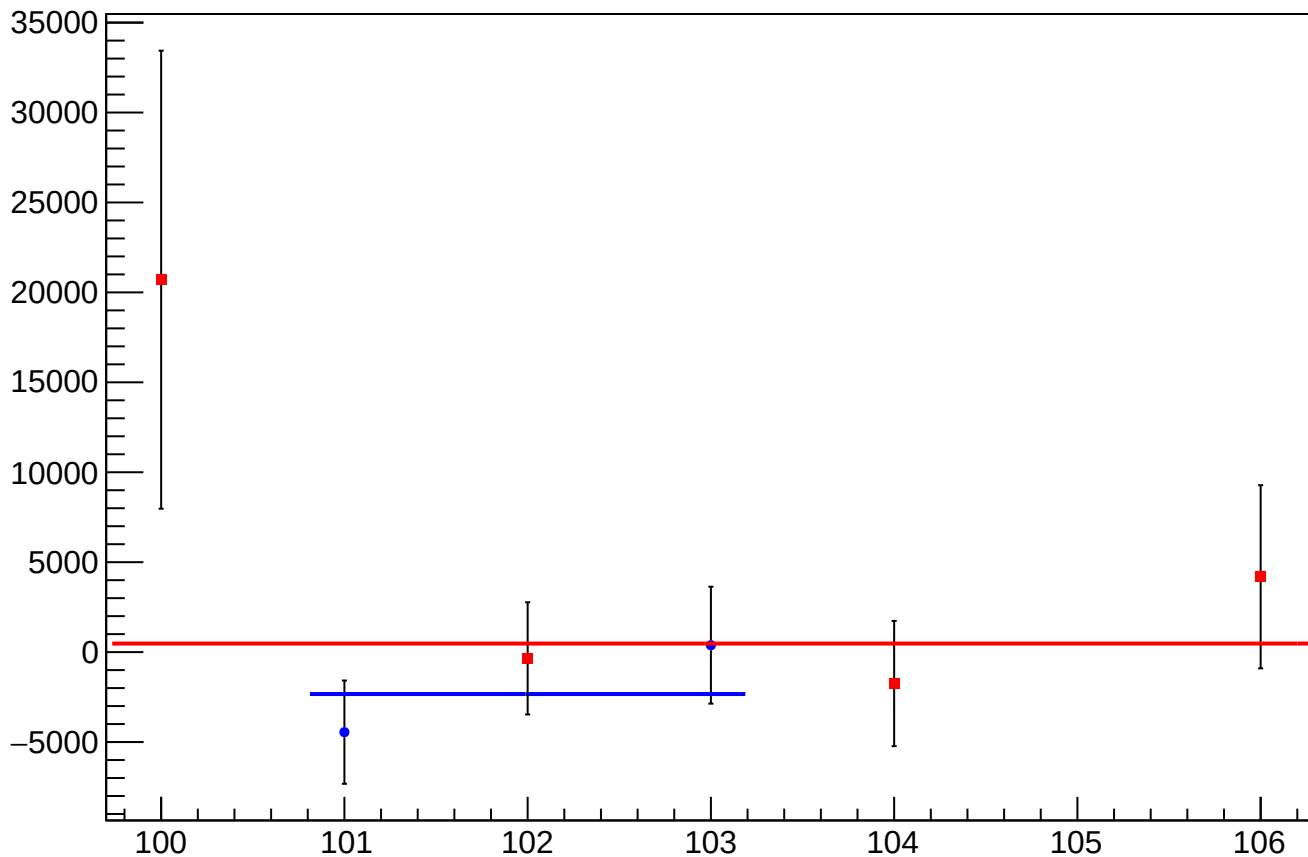
Right: 230.363 $\pm$ 0.098 χ^2 /NDF: 10161.9/5

In: 231.539 $\pm$ 0.146 χ^2 /NDF:6304.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 230.363 $\pm$ 0.098 χ^2 /NDF: 10161.9/5

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -2330.868 $\pm$ 2151.873 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 475.881 $\pm$ 2084.998 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

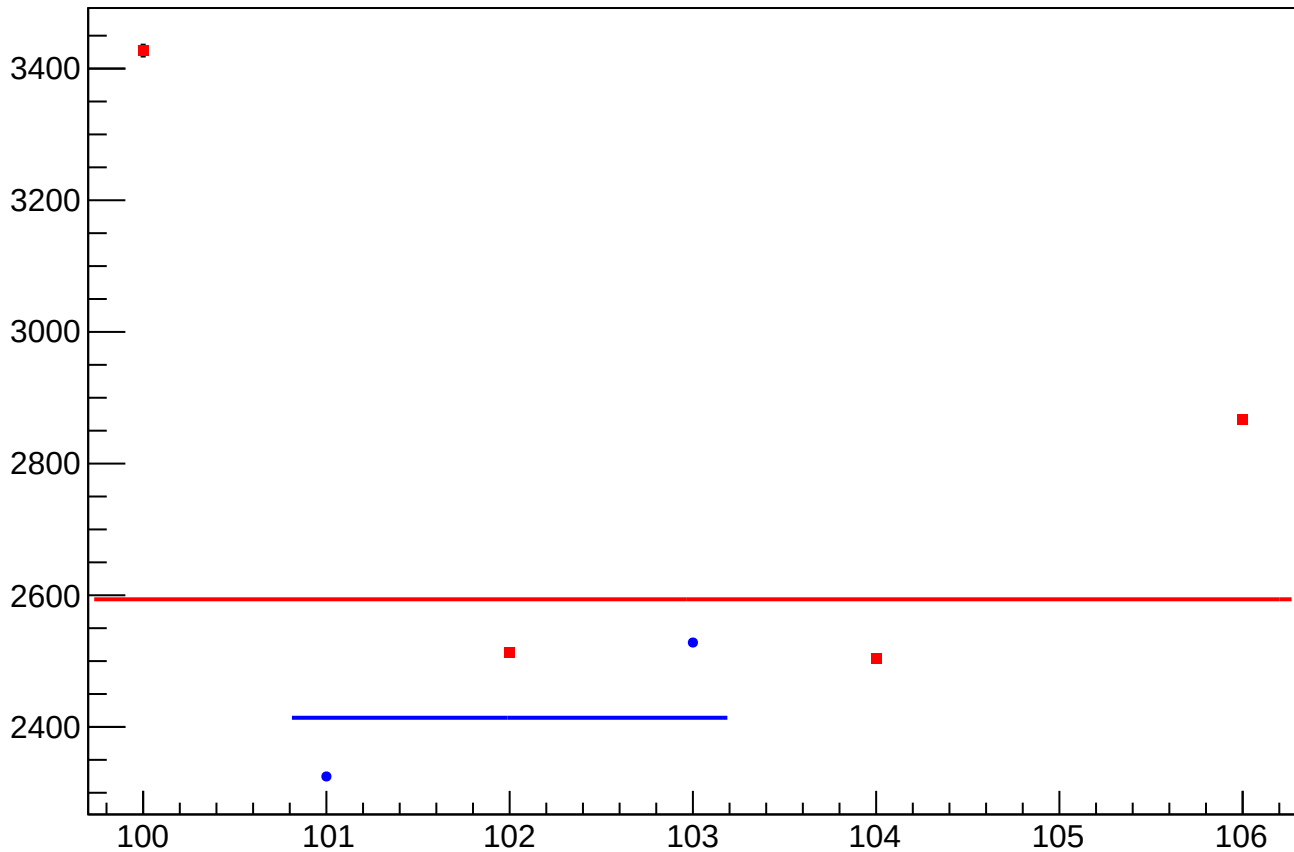
Right: -883.202 $\pm$ 1497.400 χ^2 /NDF: 5.7/5

In: -2330.868 $\pm$ 2151.873 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -883.202 $\pm$ 1497.400 χ^2 /NDF: 5.7/5

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2413.927+/-1.522 χ^2/NDF : 4400.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2593.868+/-1.474 χ^2/NDF : 16967.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

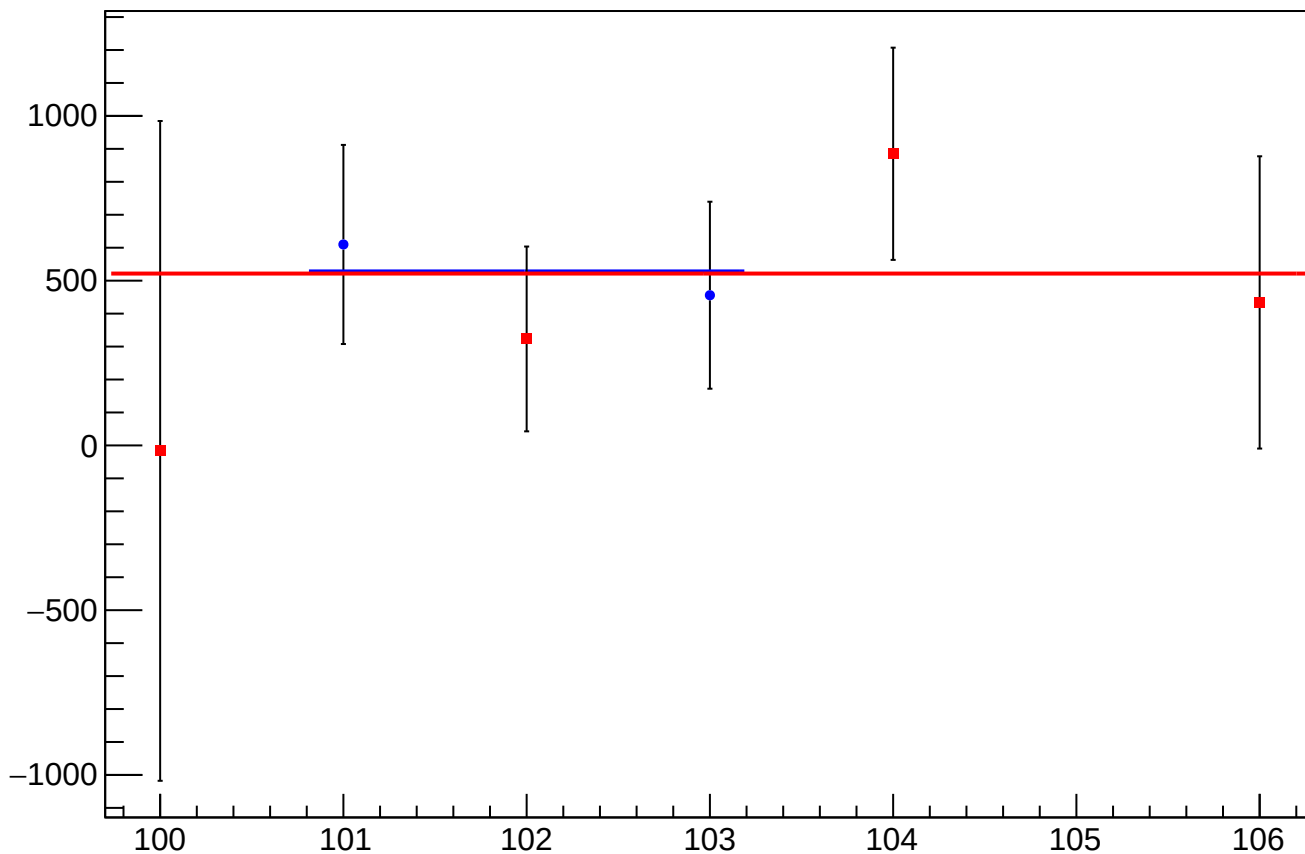
Right: 2506.737+/-1.059 χ^2/NDF : 28580.3/5

In: 2413.927+/-1.522 χ^2/NDF : 4400.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.737+/-1.059 χ^2/NDF : 28580.3/5

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023 $\pm$ 206.829 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.562 $\pm$ 187.512 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

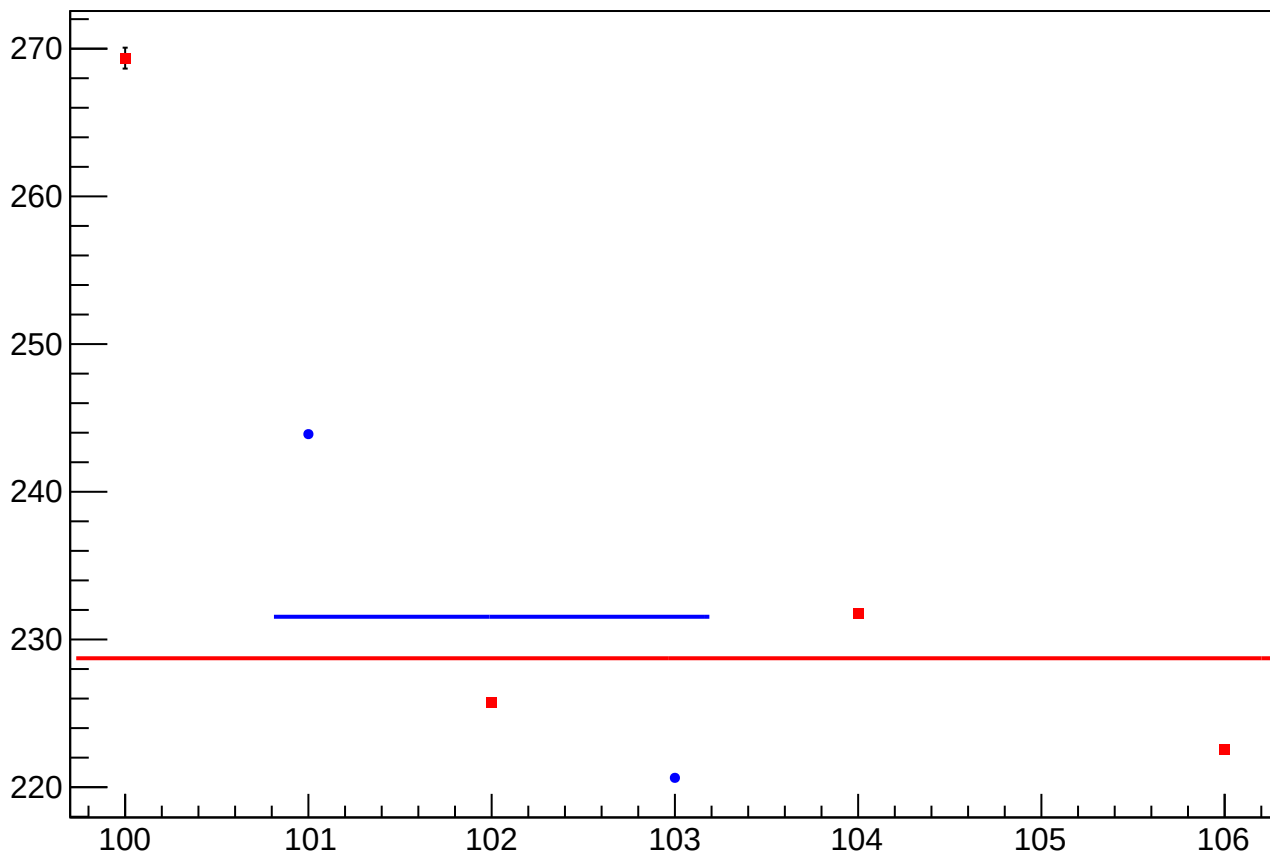
Right: 524.477 $\pm$ 138.920 χ^2 /NDF: 2.2/5

In: 528.023 $\pm$ 206.829 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 524.477 $\pm$ 138.920 χ^2 /NDF: 2.2/5

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.729+/-0.133 χ^2/NDF : 4093.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

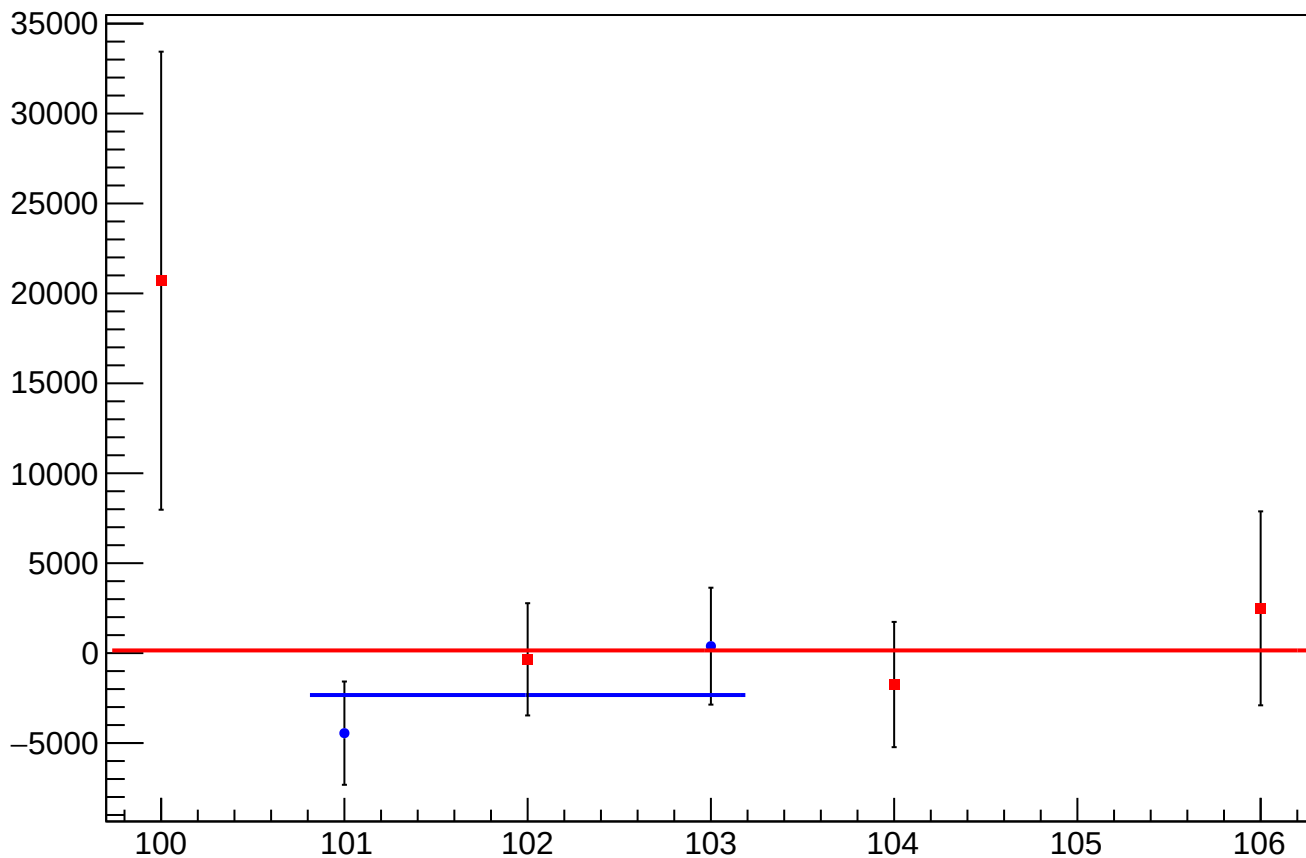
Right: 229.997+/-0.098 χ^2/NDF : 10600.1/5

In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.997+/-0.098 χ^2/NDF : 10600.1/5

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -2330.609+/-2151.897 χ^2 /NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 149.282+/-2104.614 χ^2 /NDF: 3.1/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

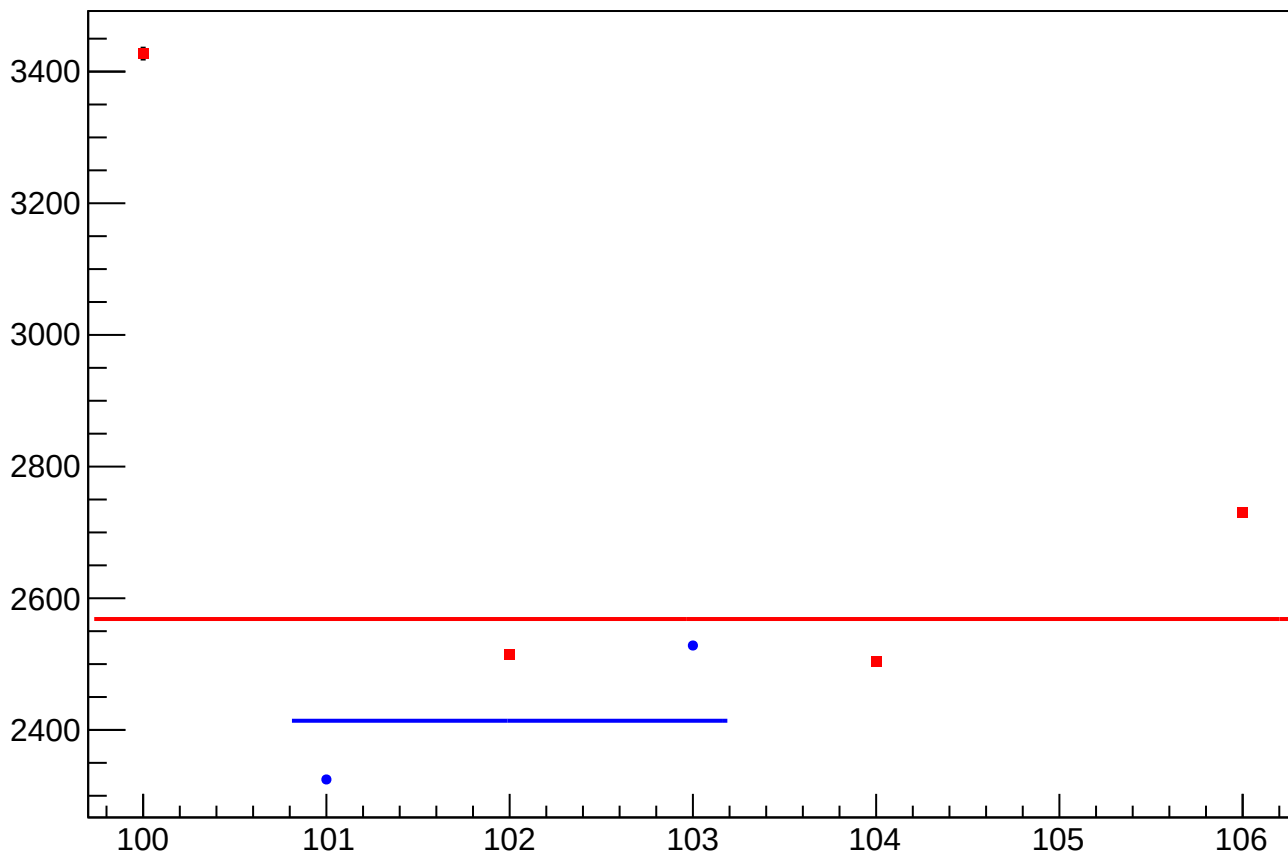
Right: -1063.119+/-1504.626 χ^2 /NDF: 5.0/5

In: -2330.609+/-2151.897 χ^2 /NDF: 1.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1063.119+/-1504.626 χ^2 /NDF: 5.0/5

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2413.952 ± 1.522 χ^2/NDF : 4402.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2568.478 ± 1.488 χ^2/NDF : 12179.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

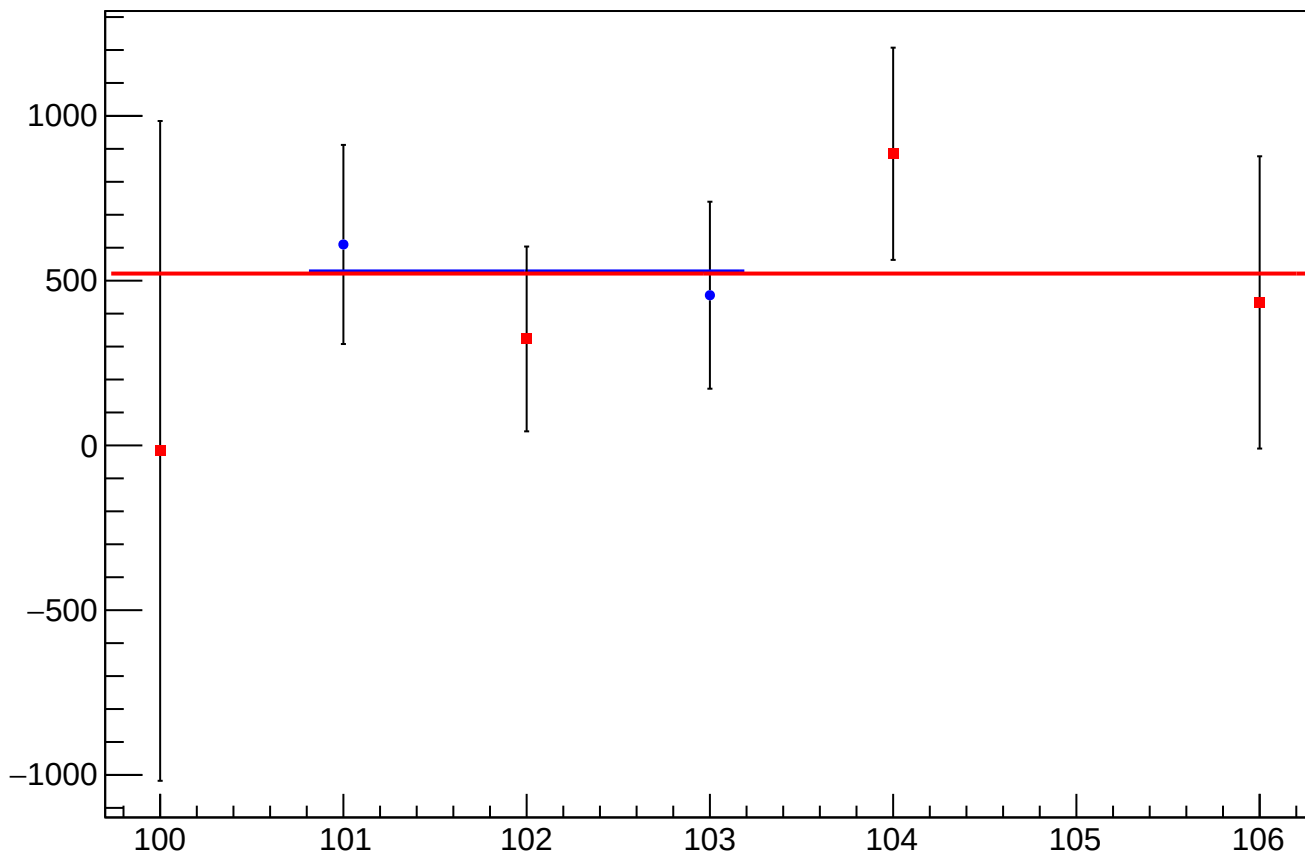
Right: 2492.931 ± 1.064 χ^2/NDF : 21853.2/5

In: 2413.952 ± 1.522 χ^2/NDF : 4402.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2492.931 ± 1.064 χ^2/NDF : 21853.2/5

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023 $\pm$ 206.829 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.562 $\pm$ 187.512 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

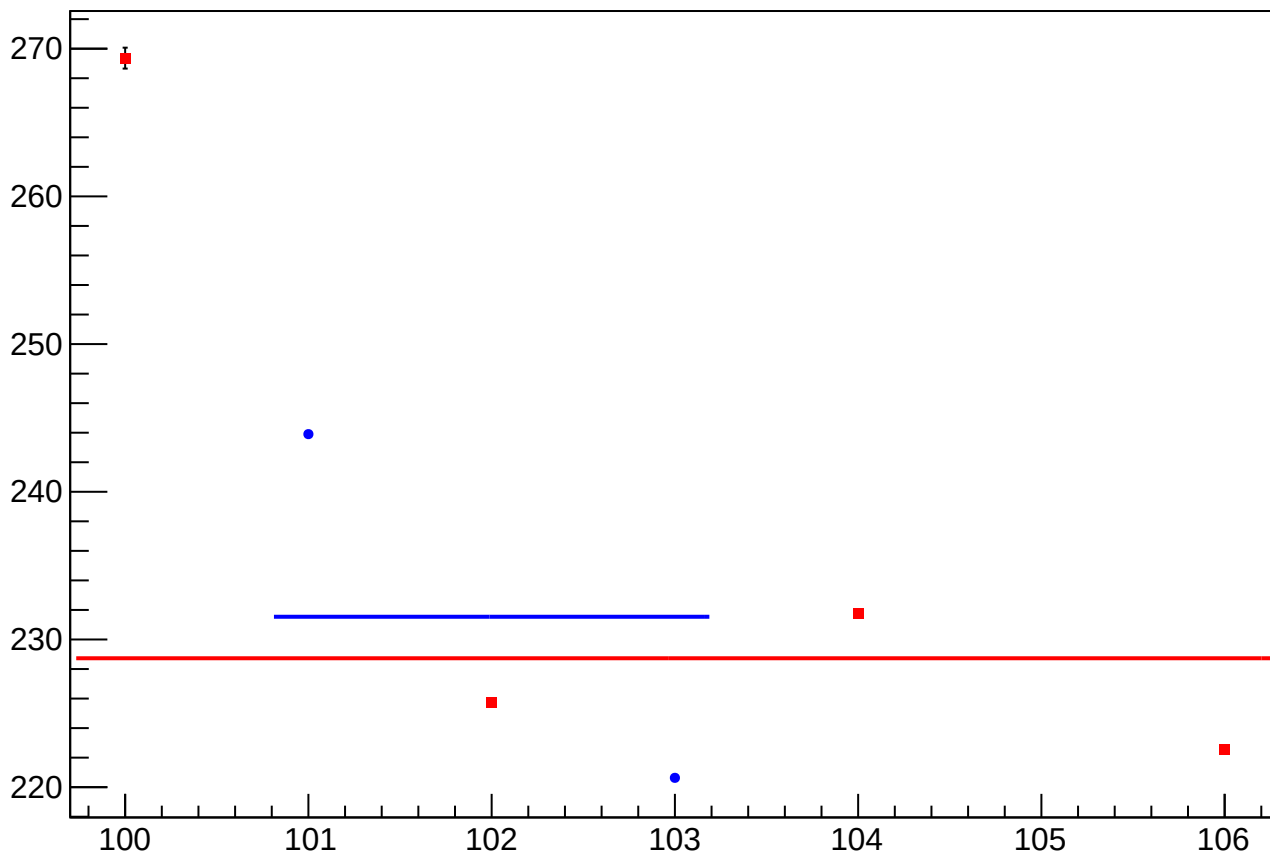
Right: 524.477 $\pm$ 138.920 χ^2 /NDF: 2.2/5

In: 528.023 $\pm$ 206.829 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 524.477 $\pm$ 138.920 χ^2 /NDF: 2.2/5

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.729+/-0.133 χ^2/NDF : 4093.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

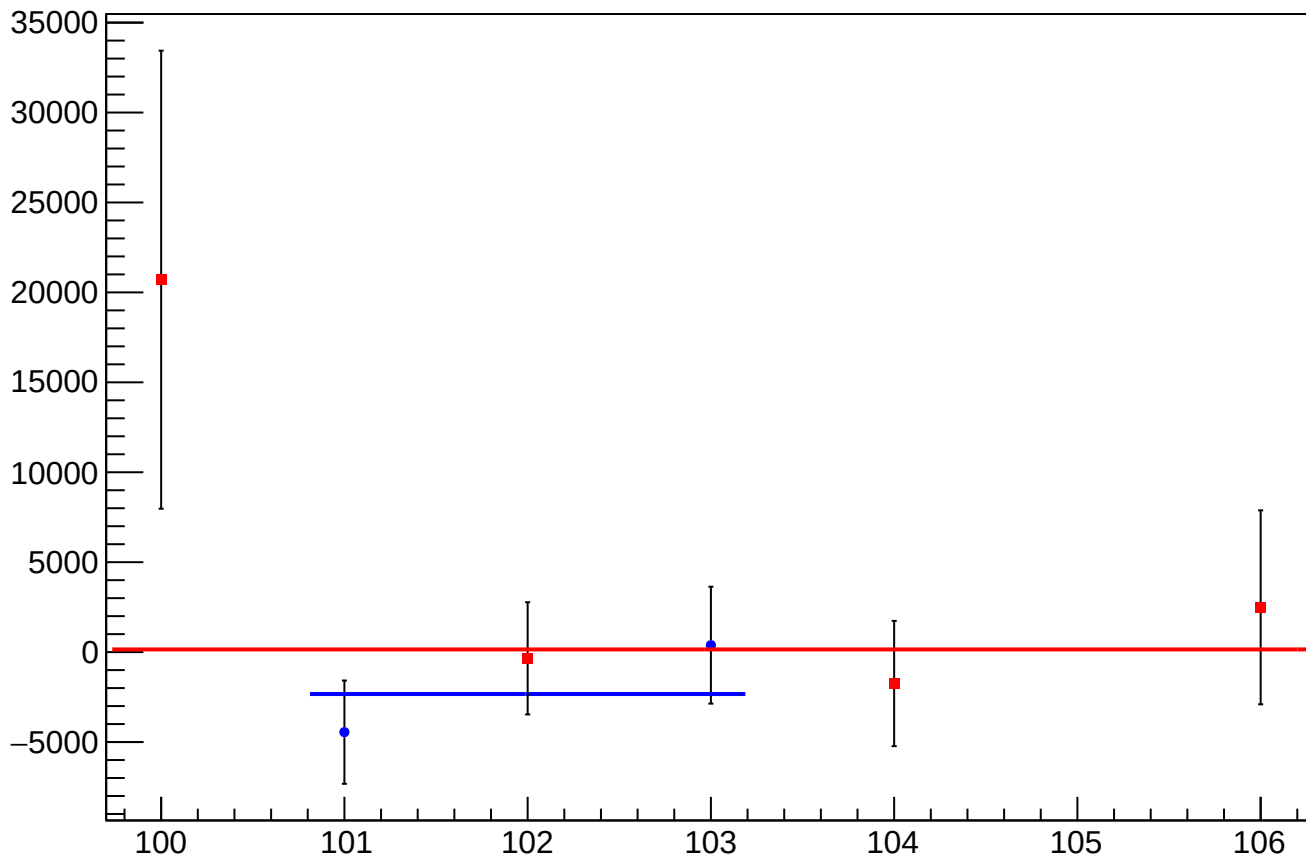
Right: 229.997+/-0.098 χ^2/NDF : 10600.1/5

In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.997+/-0.098 χ^2/NDF : 10600.1/5

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.282+/-2104.614 χ^2/NDF : 3.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

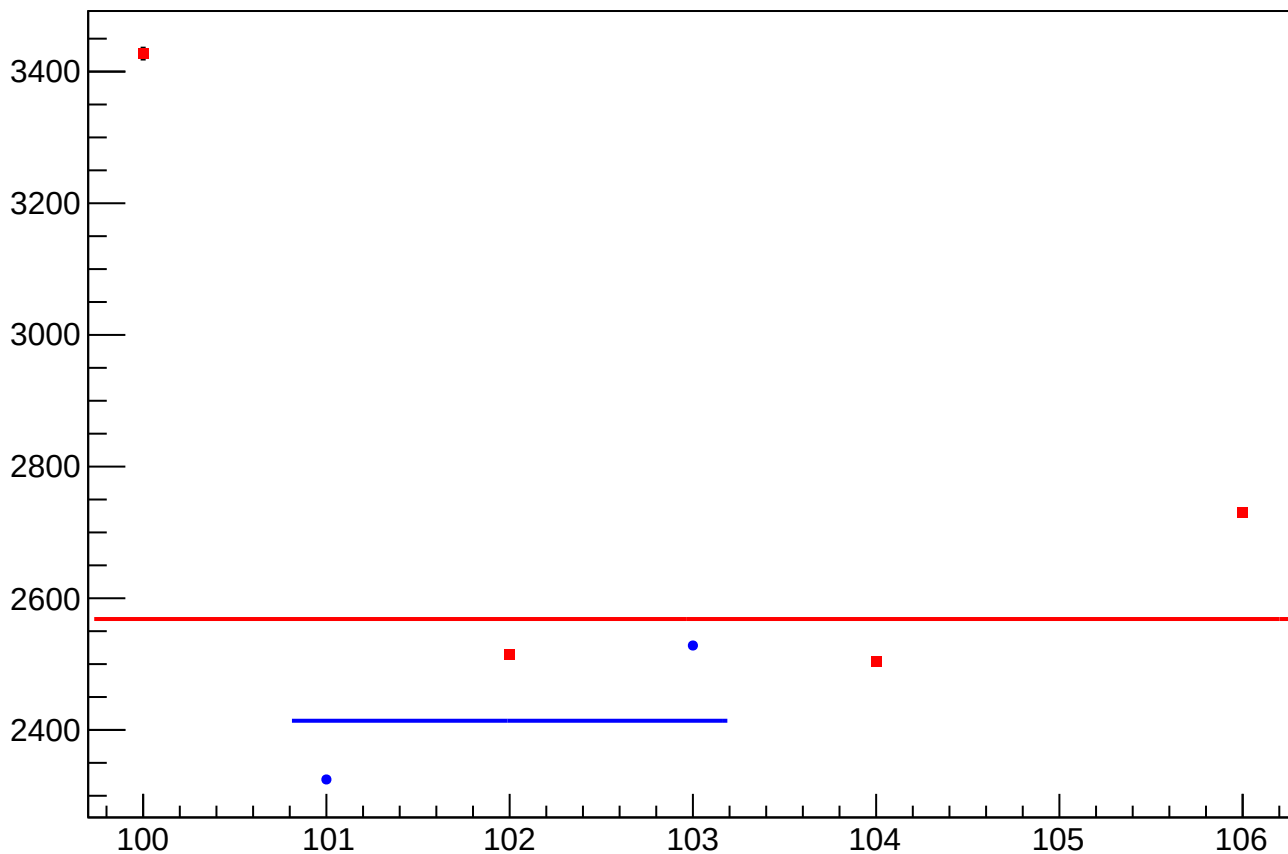
Right: -1063.119+/-1504.626 χ^2/NDF : 5.0/5

In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1063.119+/-1504.626 χ^2/NDF : 5.0/5

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2413.952+/-1.522 χ^2/NDF : 4402.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2568.478+/-1.488 χ^2/NDF : 12179.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

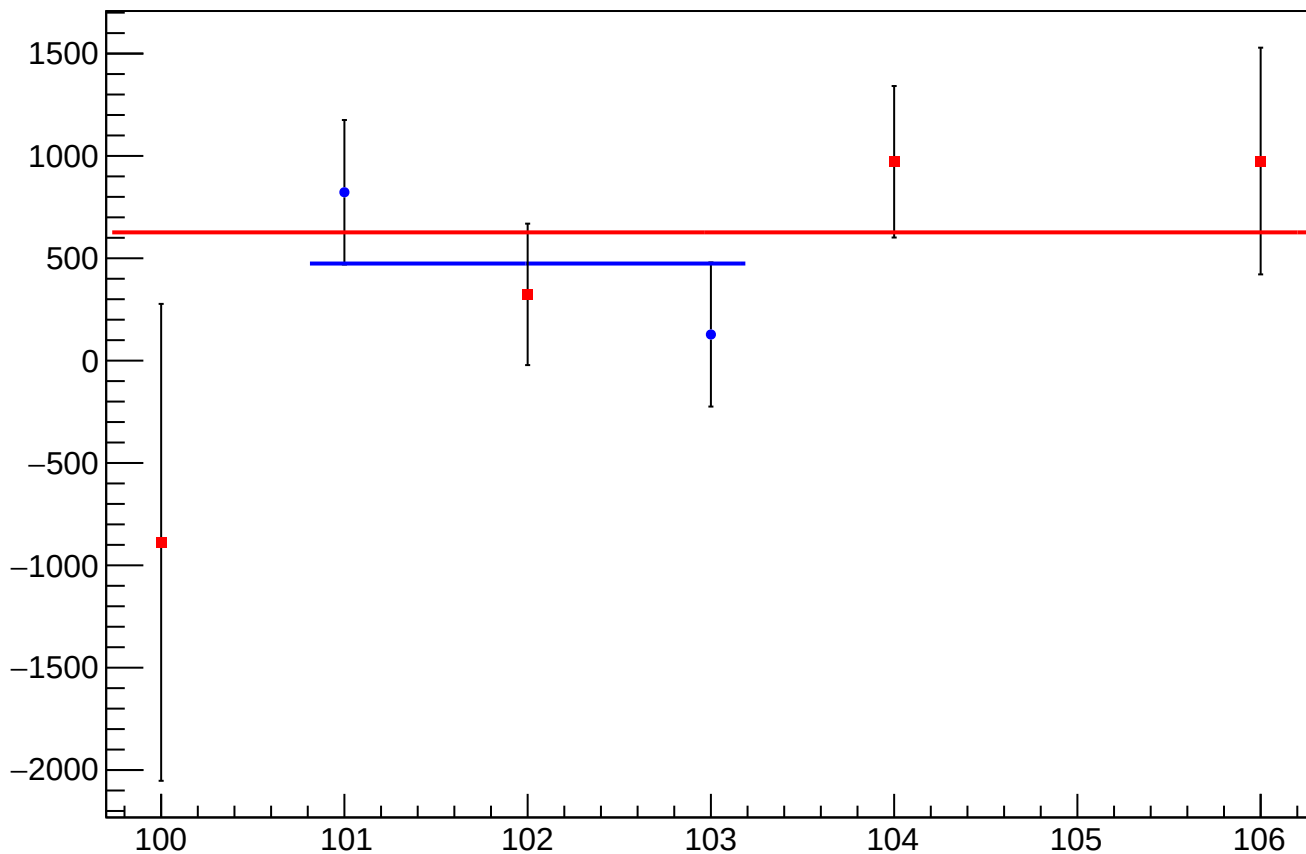
Right: 2492.931+/-1.064 χ^2/NDF : 21853.2/5

In: 2413.952+/-1.522 χ^2/NDF : 4402.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2492.931+/-1.064 χ^2/NDF : 21853.2/5

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 474.327 $\pm$ 249.238 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 626.603 $\pm$ 225.429 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

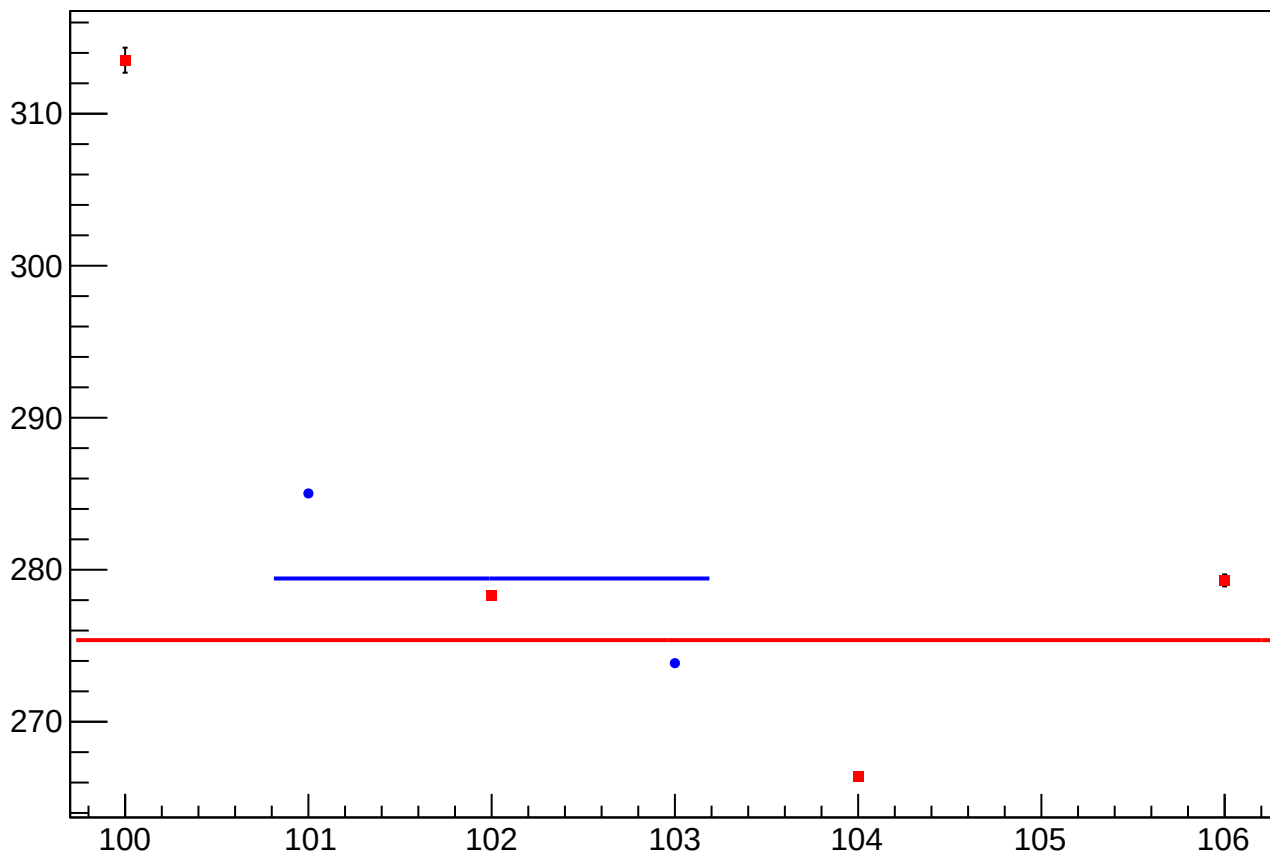
Right: 558.084 $\pm$ 167.188 χ^2 /NDF: 5.9/5

In: 474.327 $\pm$ 249.238 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 558.084 $\pm$ 167.188 χ^2 /NDF: 5.9/5

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.425+/-0.176 χ^2/NDF : 1003.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.369+/-0.159 χ^2/NDF : 3572.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

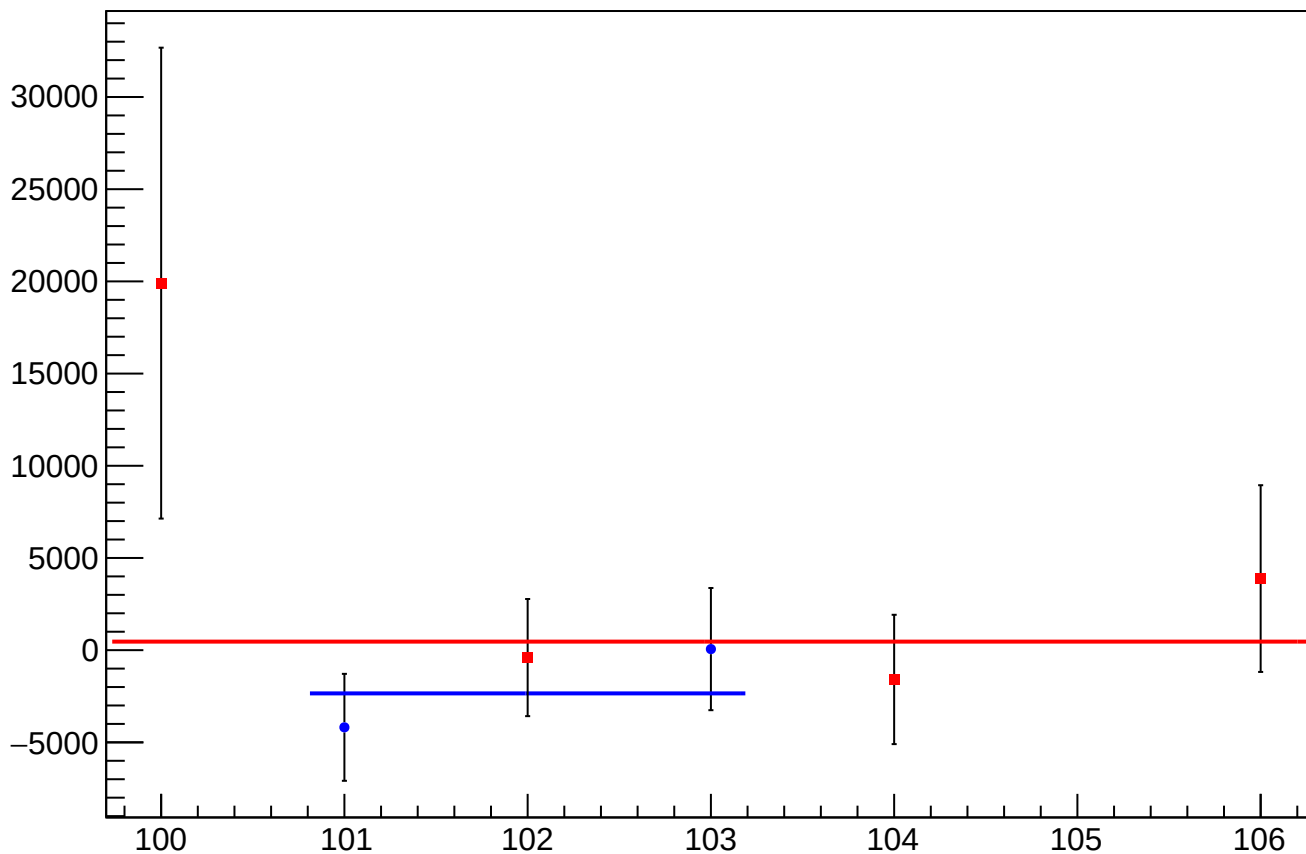
Right: 277.194+/-0.118 χ^2/NDF : 4867.2/5

In: 279.425+/-0.176 χ^2/NDF : 1003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.194+/-0.118 χ^2/NDF : 4867.2/5

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2344.510 $\pm$ 2182.224 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.338 $\pm$ 2105.645 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

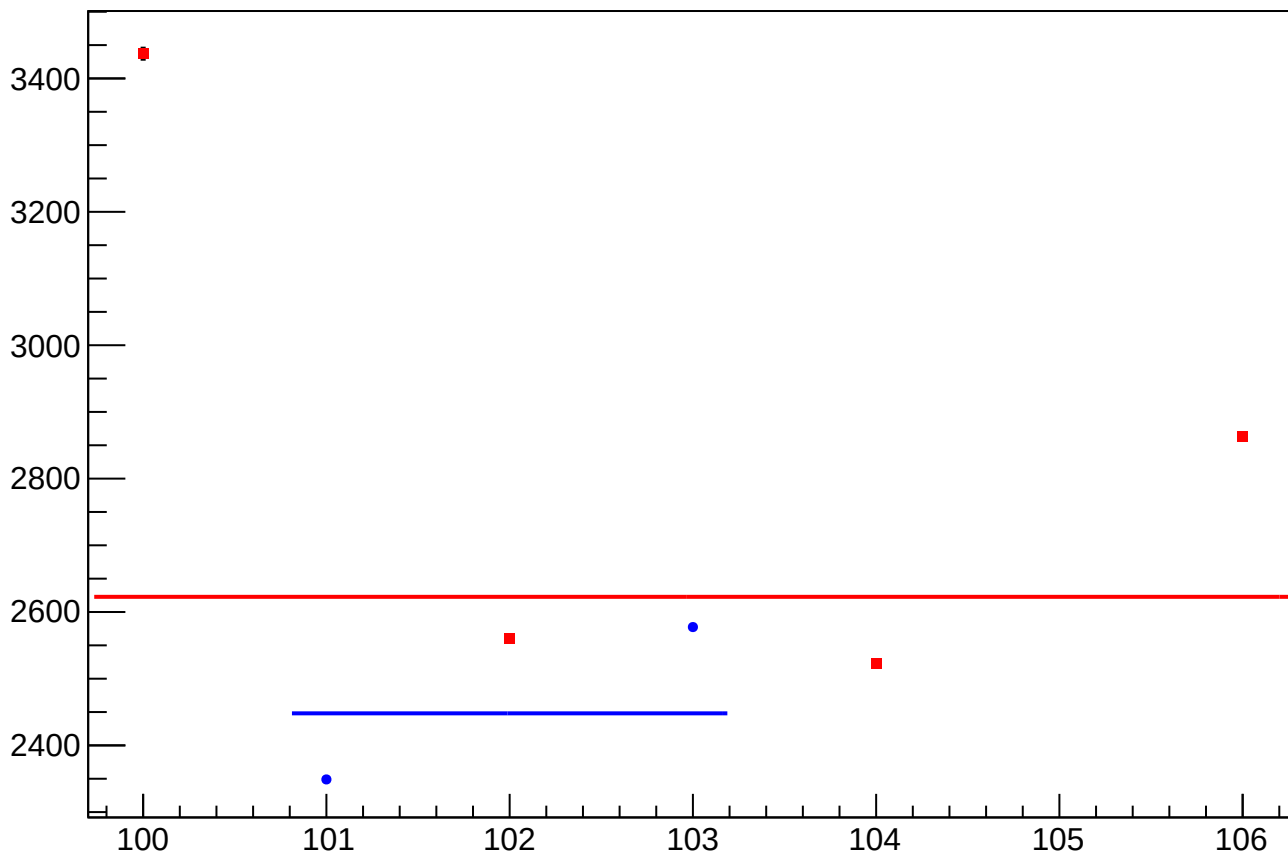
Right: -890.455 $\pm$ 1515.266 χ^2 /NDF: 5.0/5

In: -2344.510 $\pm$ 2182.224 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -890.455 $\pm$ 1515.266 χ^2 /NDF: 5.0/5

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.058+/-1.543 χ^2/NDF : 5383.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2622.760+/-1.489 χ^2/NDF : 15048.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

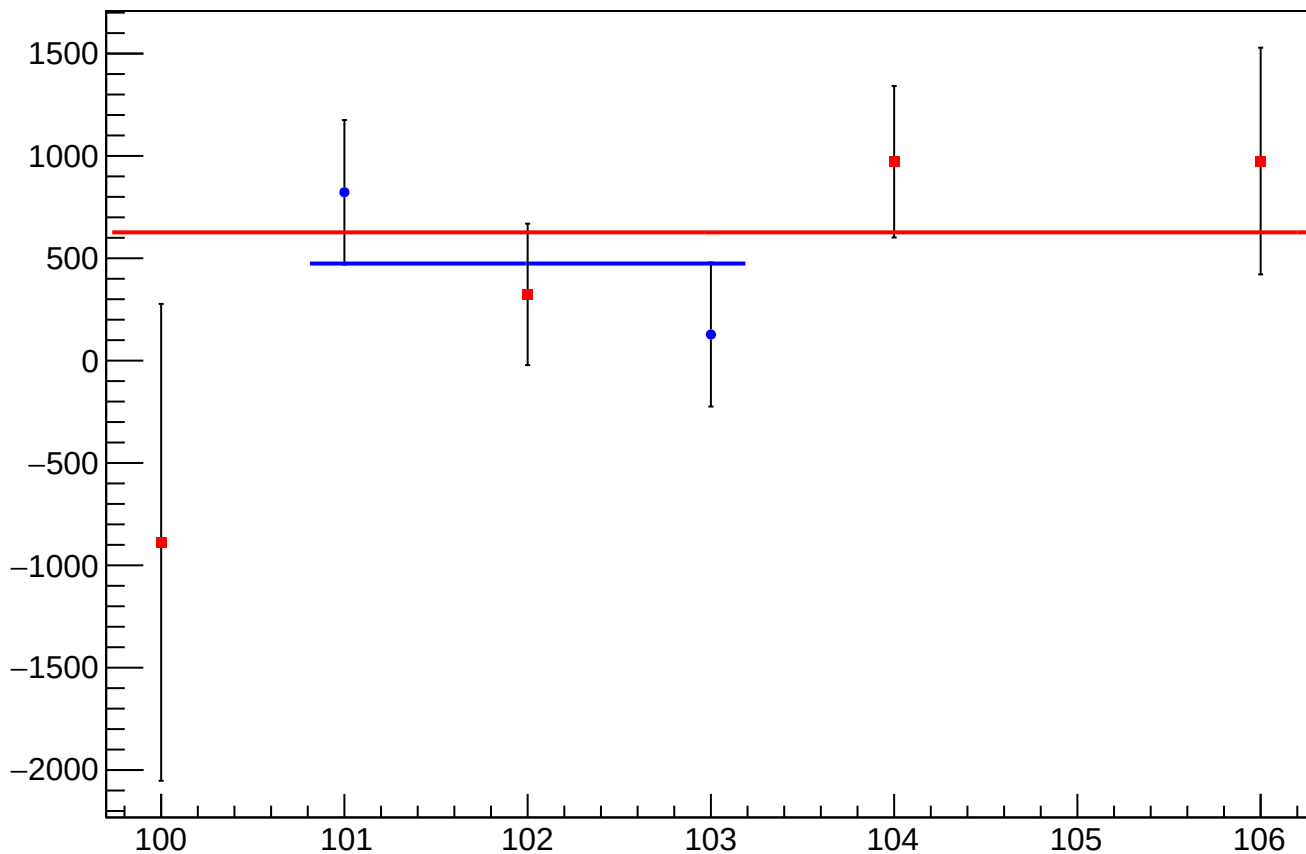
Right: 2538.528+/-1.071 χ^2/NDF : 27069.8/5

In: 2448.058+/-1.543 χ^2/NDF : 5383.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2538.528+/-1.071 χ^2/NDF : 27069.8/5

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 474.322+/-249.237 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 626.602+/-225.428 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

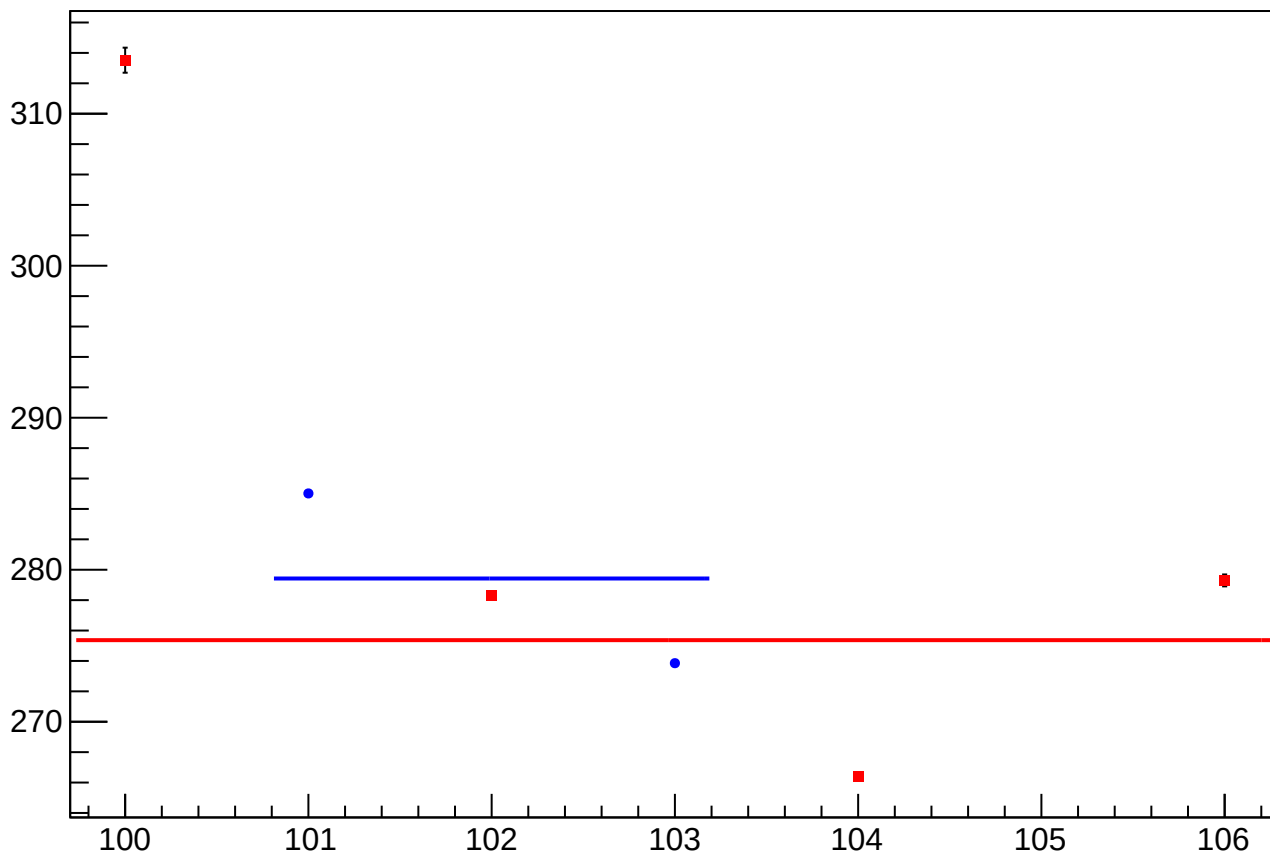
Right: 558.081+/-167.187 χ^2/NDF : 5.9/5

In: 474.322+/-249.237 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.081+/-167.187 χ^2/NDF : 5.9/5

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.424 $\pm$ 0.176 χ^2 /NDF: 1003.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 275.368 $\pm$ 0.159 χ^2 /NDF: 3572.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

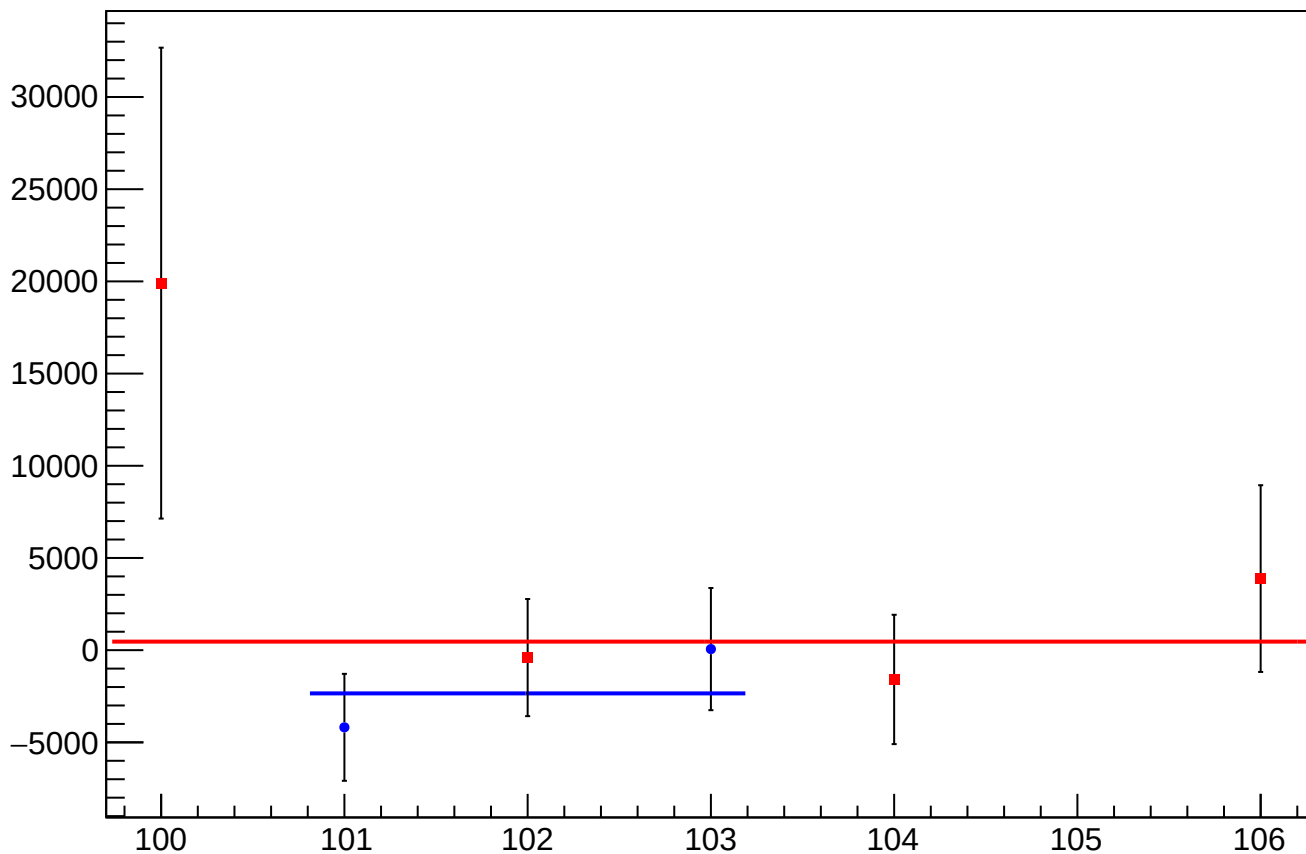
Right: 277.193 $\pm$ 0.118 χ^2 /NDF: 4867.3/5

In: 279.424 $\pm$ 0.176 χ^2 /NDF:1003.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 277.193 $\pm$ 0.118 χ^2 /NDF: 4867.3/5

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2344.509 $\pm$ 2182.220 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 463.332 $\pm$ 2105.639 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

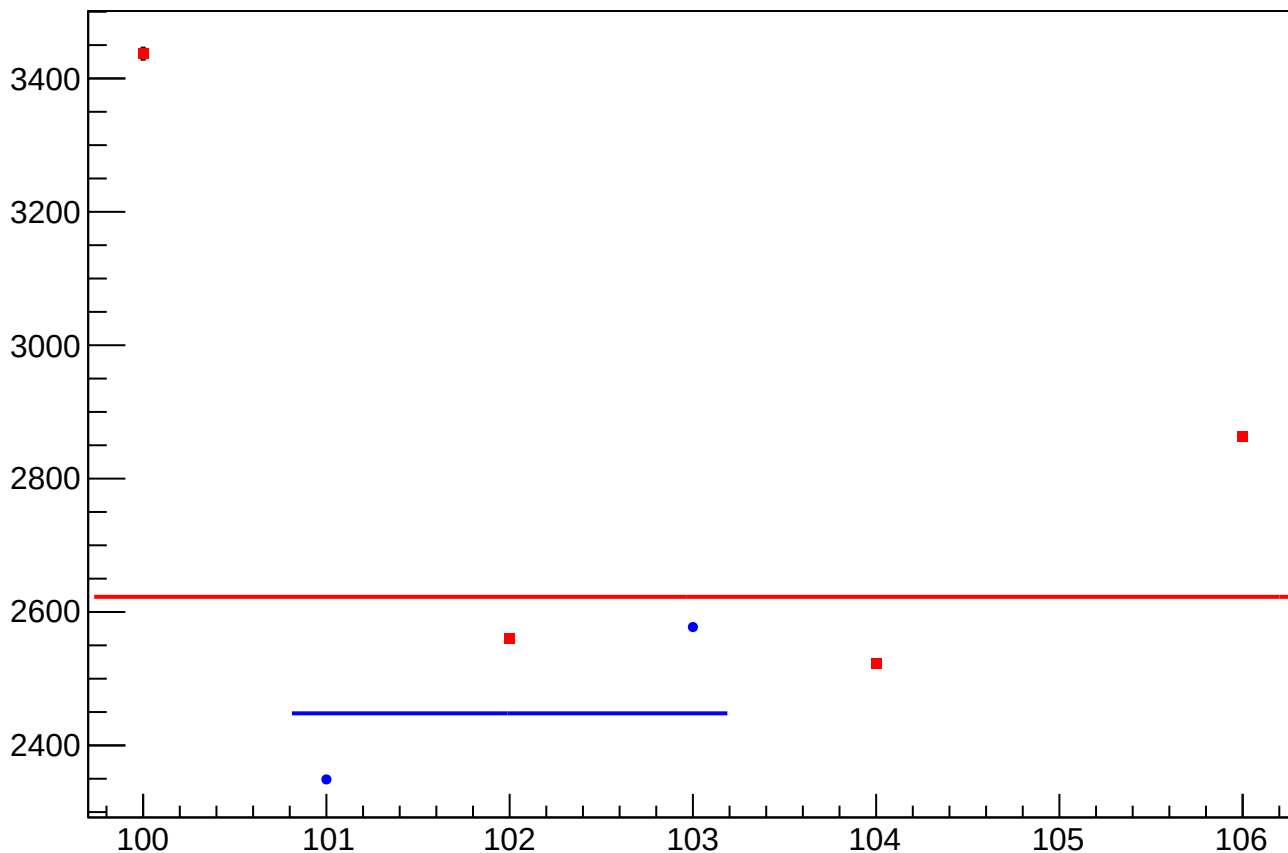
Right: -890.456 $\pm$ 1515.262 χ^2 /NDF: 5.0/5

In: -2344.509 $\pm$ 2182.220 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -890.456 $\pm$ 1515.262 χ^2 /NDF: 5.0/5

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.054 $\pm$ 1.543 χ^2 /NDF: 5383.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2622.753 $\pm$ 1.489 χ^2 /NDF: 15048.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

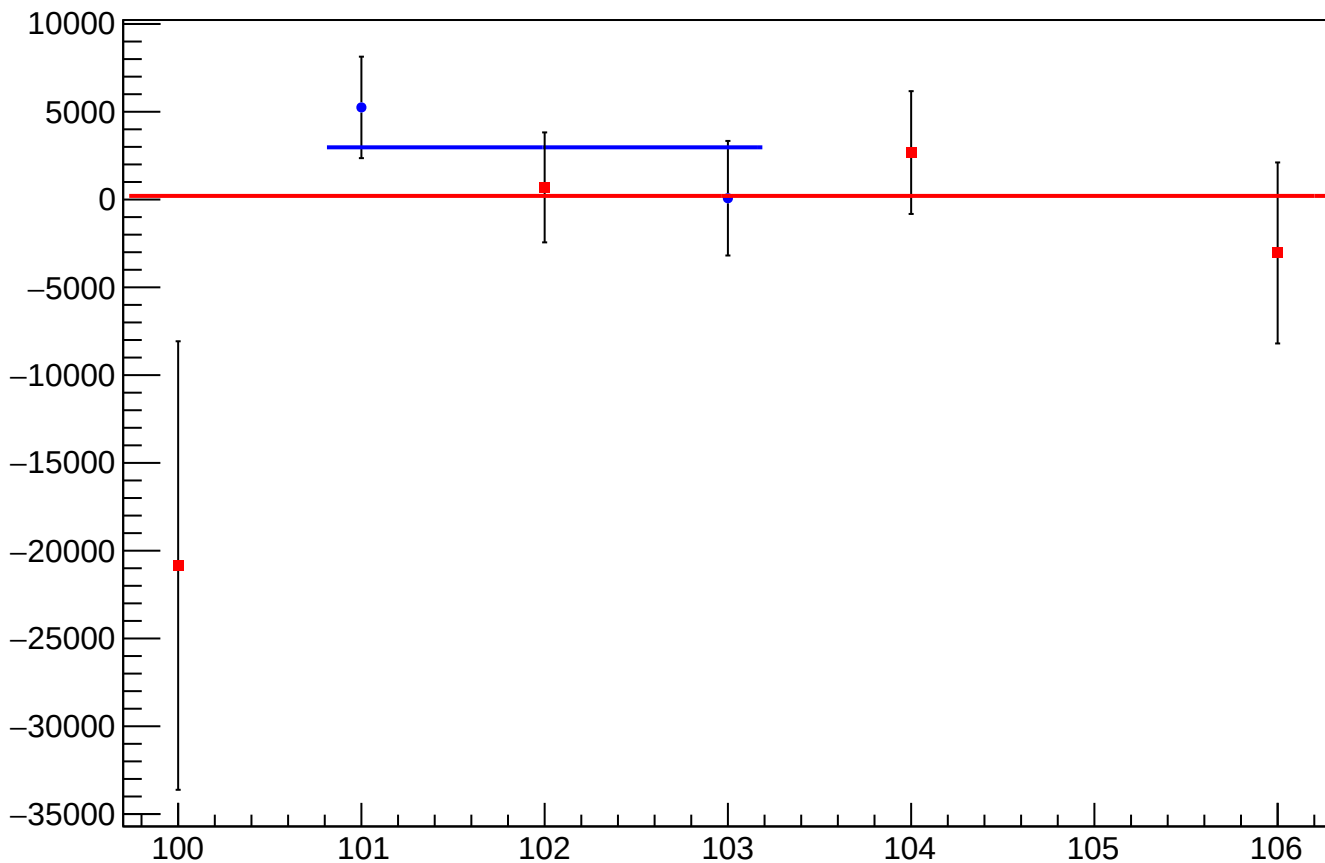
Right: 2538.523 $\pm$ 1.071 χ^2 /NDF: 27069.8/5

In: 2448.054 $\pm$ 1.543 χ^2 /NDF:5383.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2538.523 $\pm$ 1.071 χ^2 /NDF: 27069.8/5

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2974.499+/-2163.237 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.474+/-2096.594 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

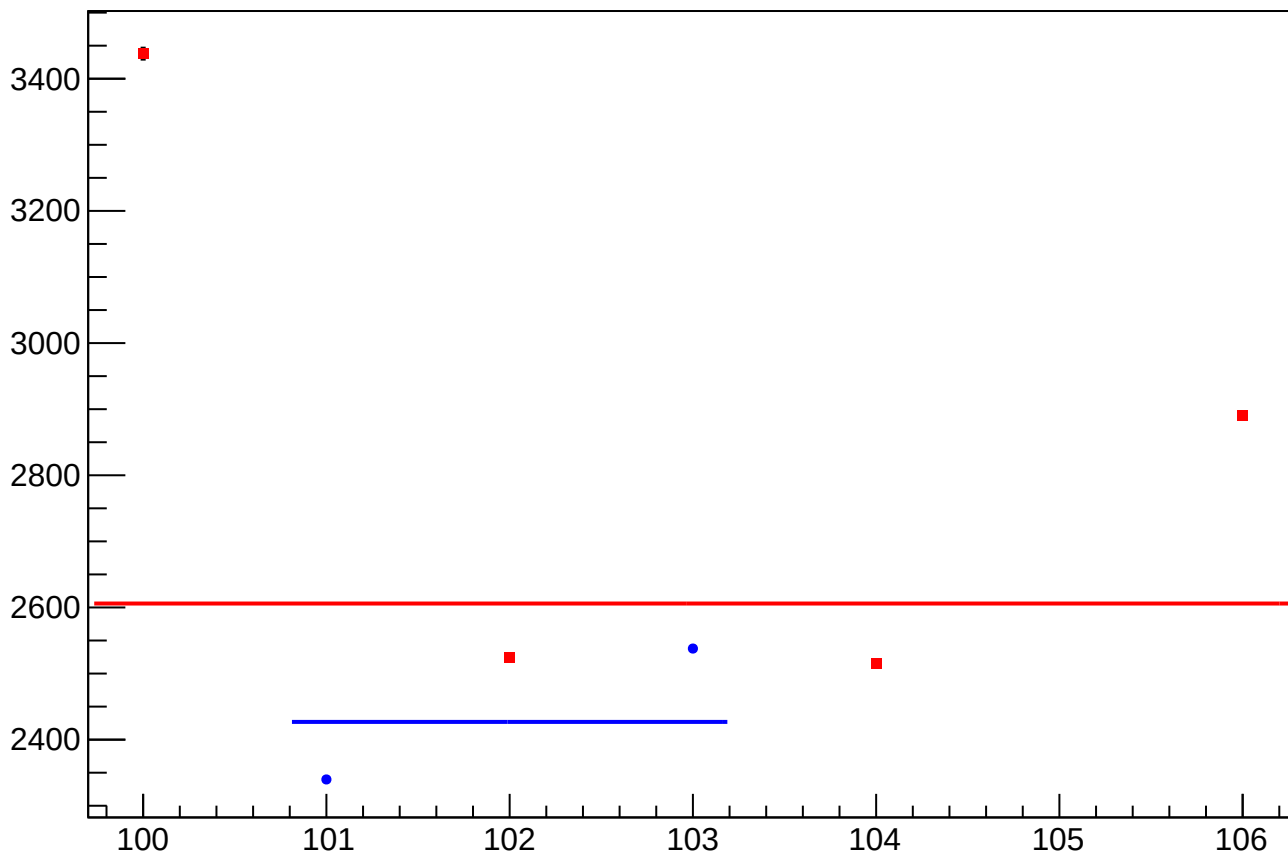
Right: 1547.709+/-1505.525 χ^2/NDF : 5.9/5

In: 2974.499+/-2163.237 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.709+/-1505.525 χ^2/NDF : 5.9/5

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2426.847+/-1.530 χ^2/NDF : 4129.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2605.963+/-1.483 χ^2/NDF : 17307.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

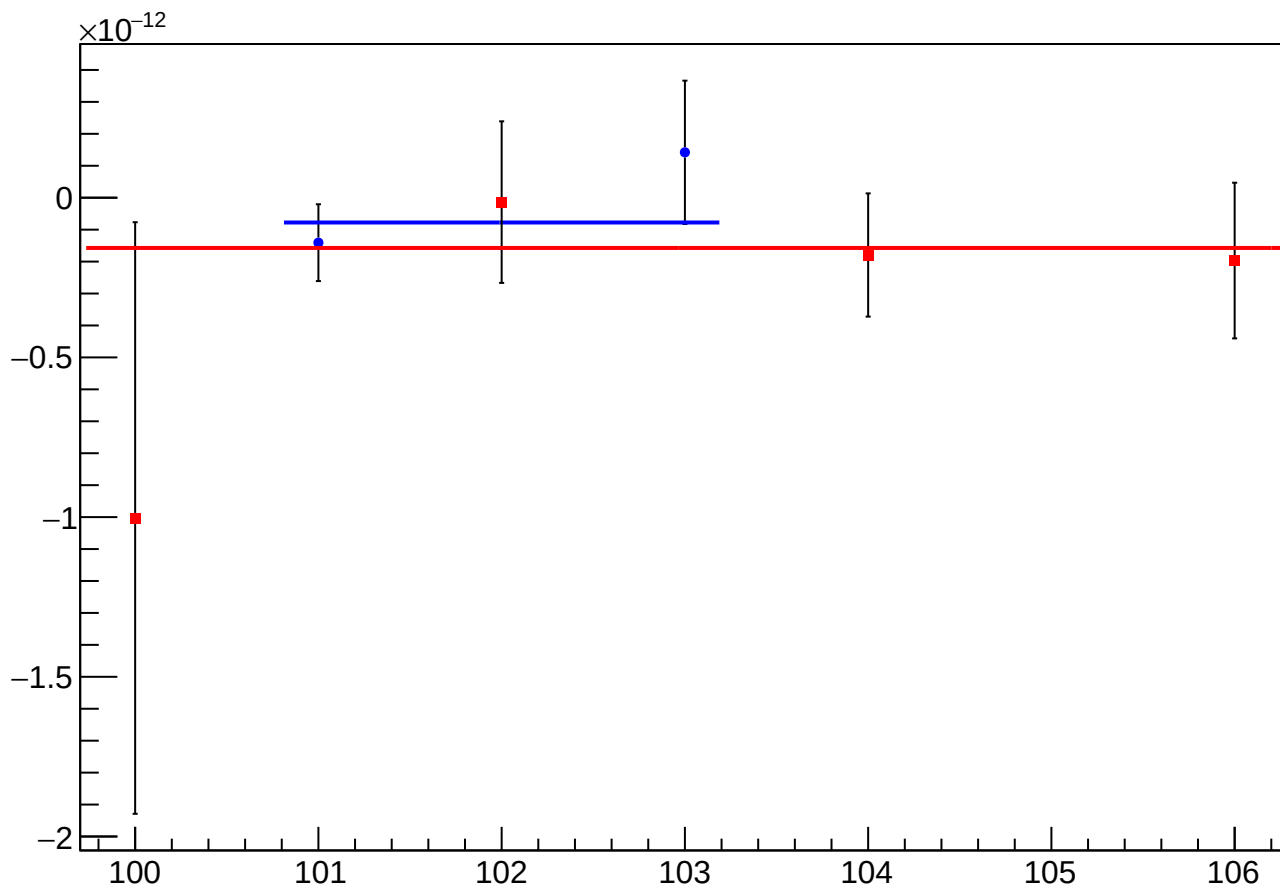
Right: 2519.206+/-1.065 χ^2/NDF : 28507.6/5

In: 2426.847+/-1.530 χ^2/NDF : 4129.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.206+/-1.065 χ^2/NDF : 28507.6/5

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 1.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

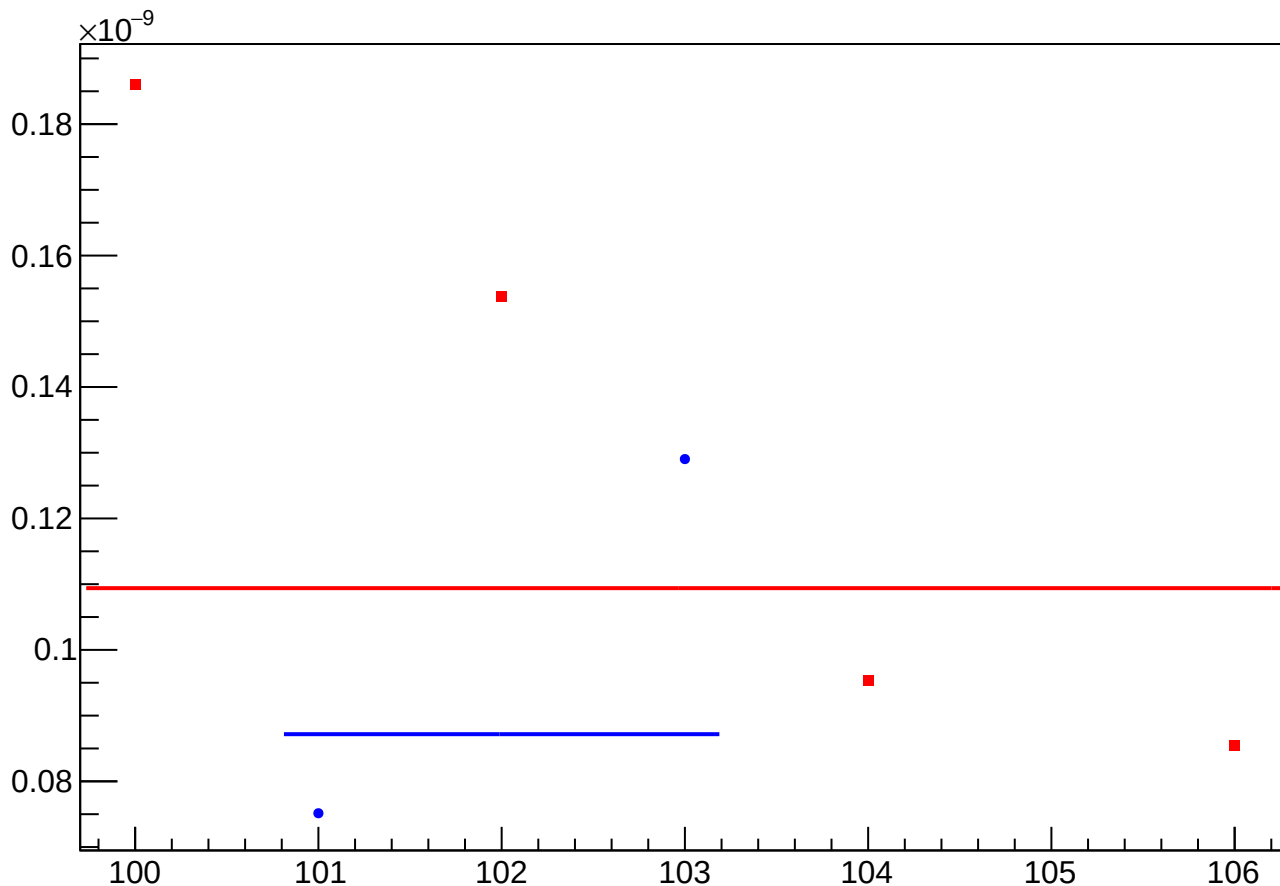
Right: -0.000+/-0.000 χ^2 /NDF: 2.7/5

In: -0.000+/-0.000 χ^2 /NDF:1.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 2.7/5

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 89639.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 105252.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

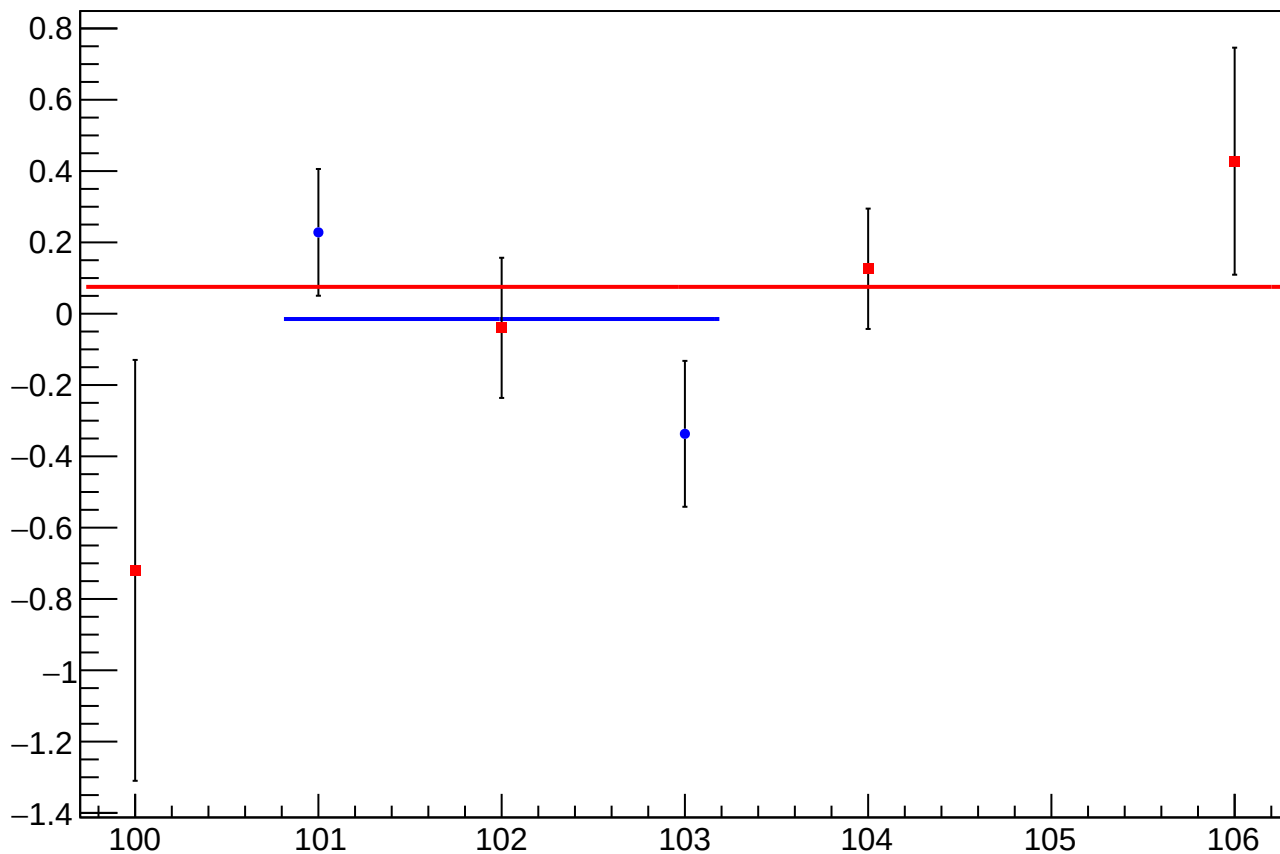
Right: 0.000+/-0.000 χ^2/NDF : 230462.5/5

In: 0.000+/-0.000 χ^2/NDF : 89639.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 230462.5/5

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.134 χ^2 /NDF: 4.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.075 $\pm$ 0.116 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

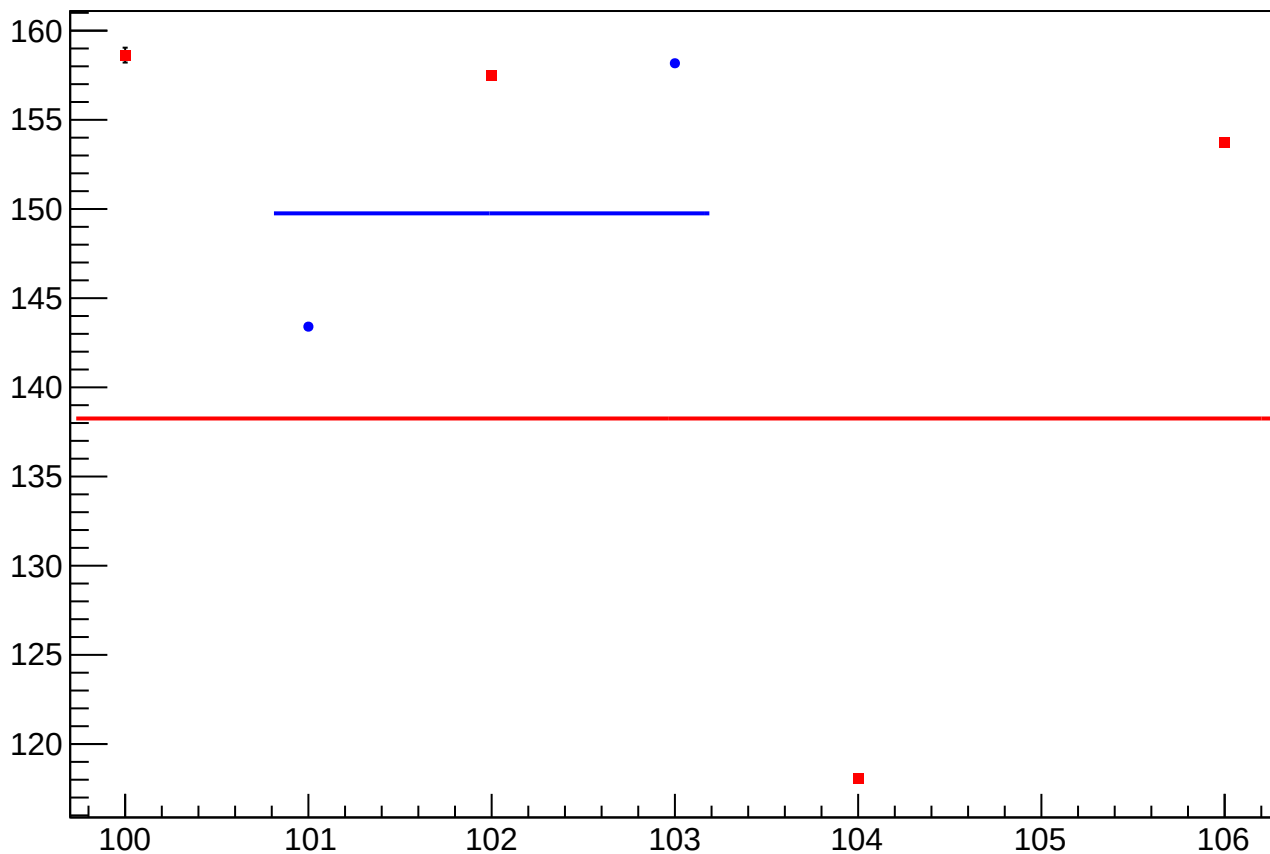
Right: 0.037 $\pm$ 0.088 χ^2 /NDF: 8.1/5

In: -0.015 $\pm$ 0.134 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.037 $\pm$ 0.088 χ^2 /NDF: 8.1/5

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.756 $\pm$ 0.095 χ^2 /NDF: 5939.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.254 $\pm$ 0.082 χ^2 /NDF: 54907.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

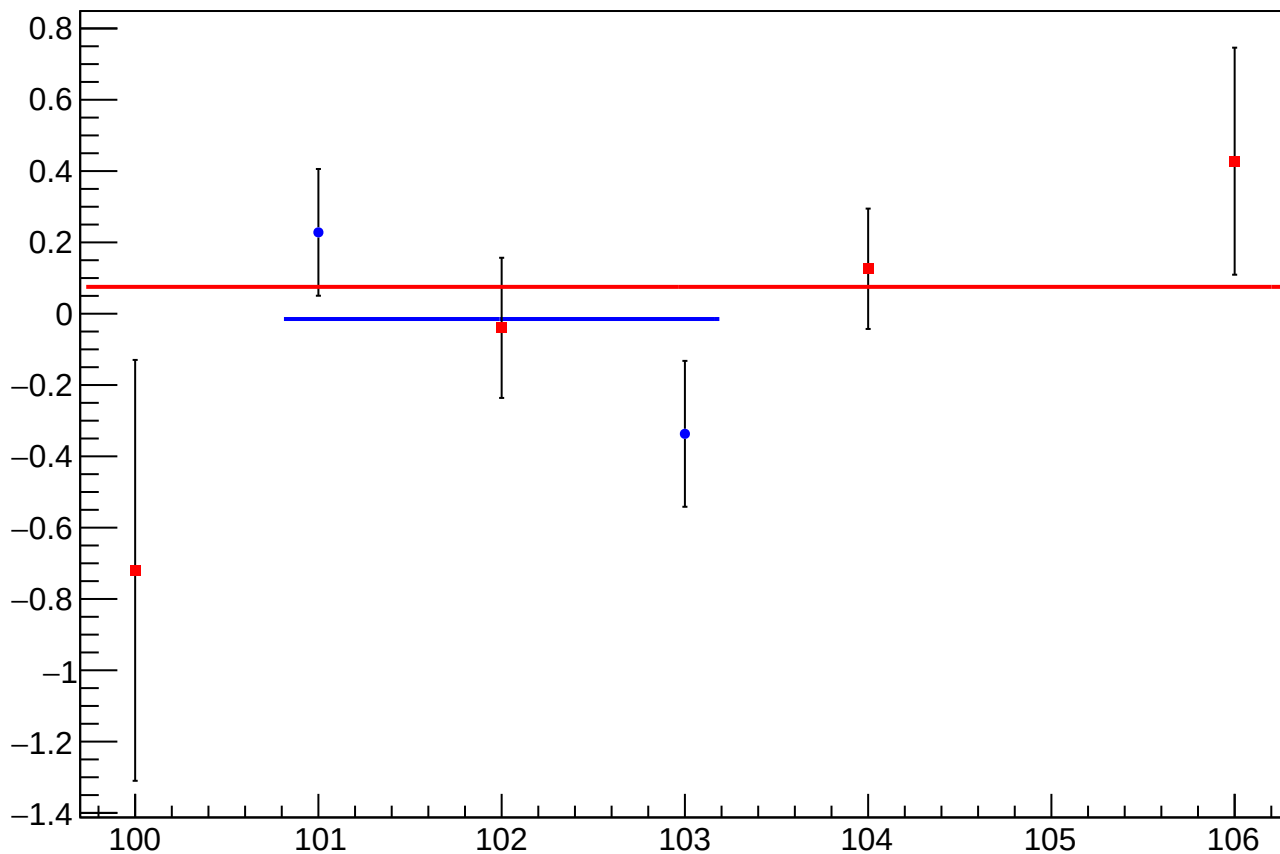
Right: 143.196 $\pm$ 0.062 χ^2 /NDF: 69229.9/5

In: 149.756 $\pm$ 0.095 χ^2 /NDF: 5939.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.196 $\pm$ 0.062 χ^2 /NDF: 69229.9/5

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.075+/-0.116 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

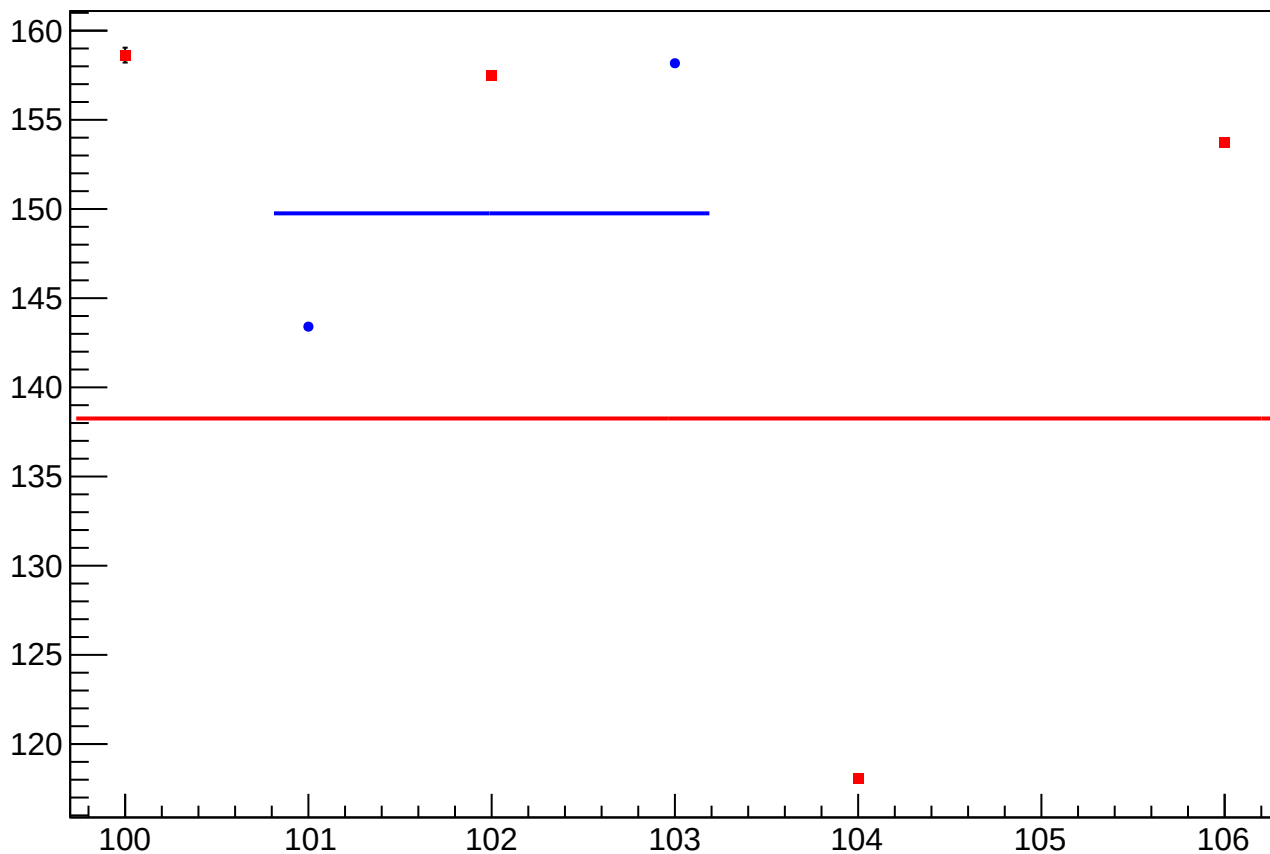
Right: 0.037+/-0.088 χ^2/NDF : 8.1/5

In: -0.015+/-0.134 χ^2/NDF :4.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.088 χ^2/NDF : 8.1/5

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.254+/-0.082 χ^2/NDF : 54907.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

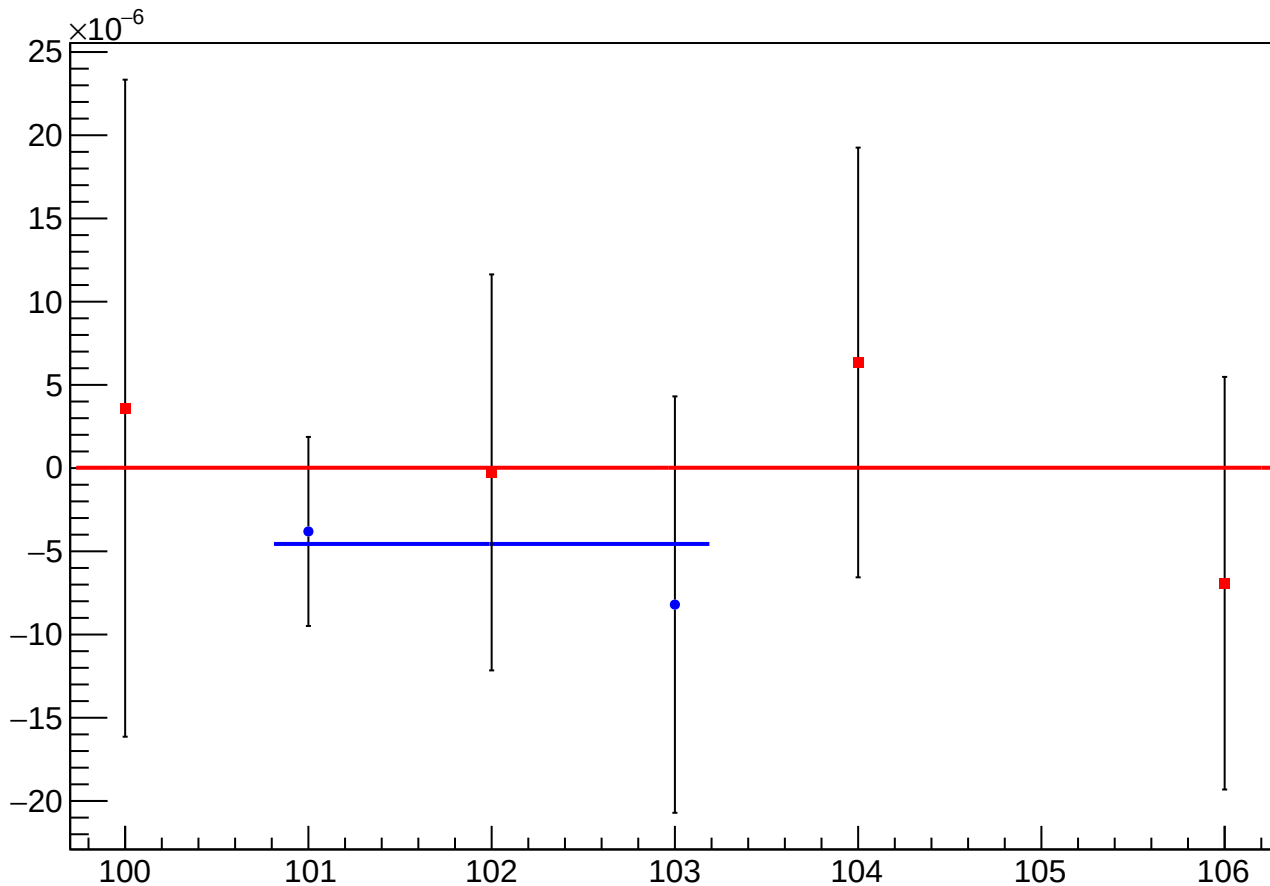
Right: 143.196+/-0.062 χ^2/NDF : 69229.9/5

In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.196+/-0.062 χ^2/NDF : 69229.9/5

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

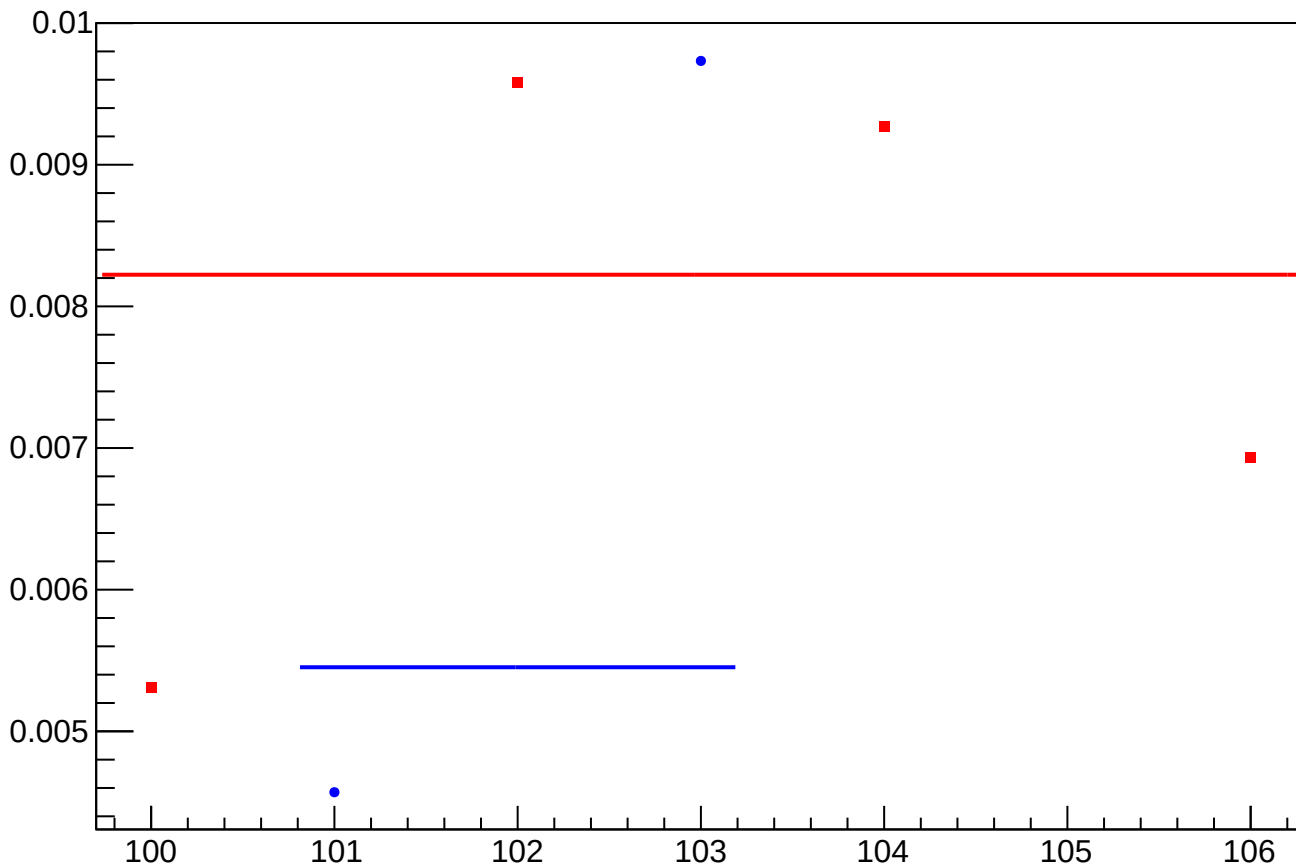
Right: -0.000+/-0.000 χ^2/NDF : 1.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.0/5

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 282421.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 104331.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

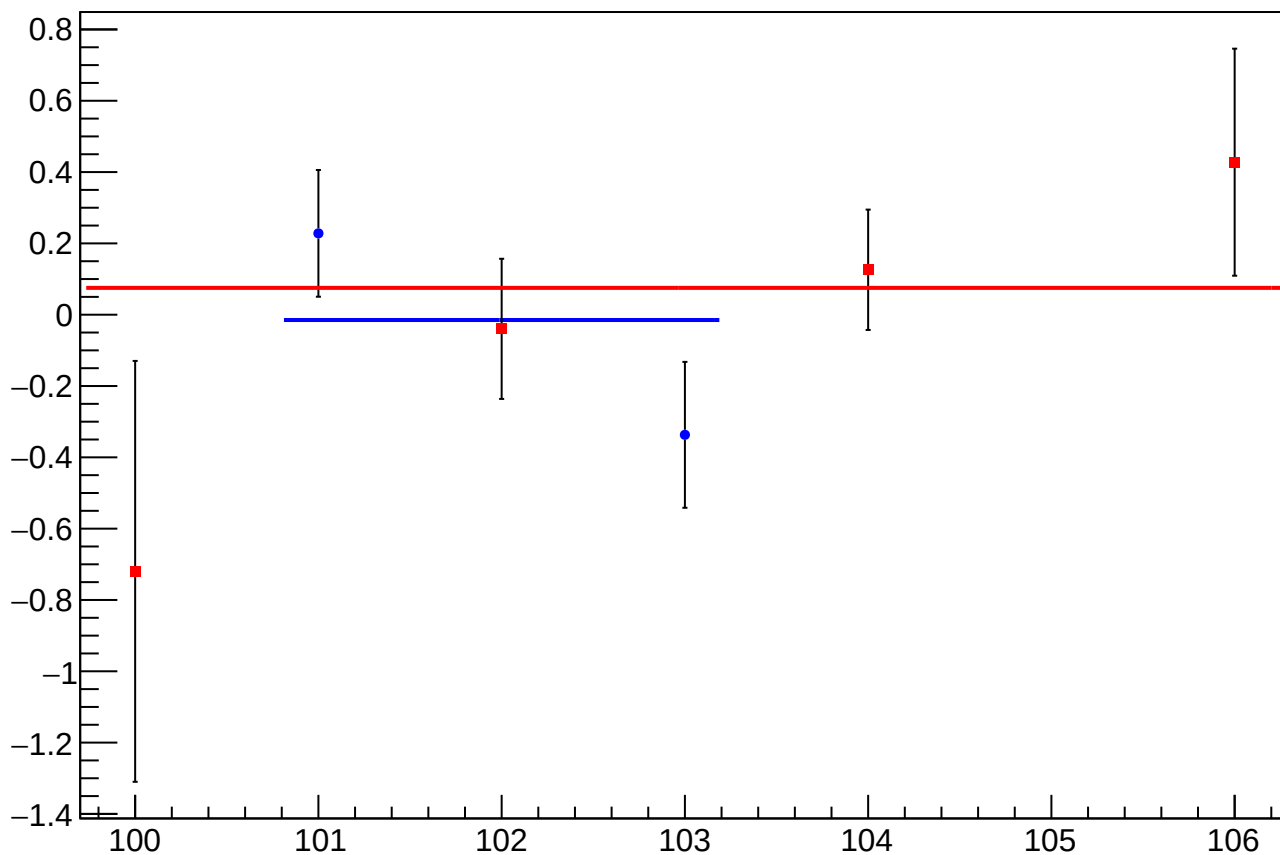
Right: 0.006+/-0.000 χ^2/NDF : 600324.0/5

In: 0.005+/-0.000 χ^2/NDF : 282421.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 600324.0/5

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.134 χ^2 /NDF: 4.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.075 $\pm$ 0.116 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

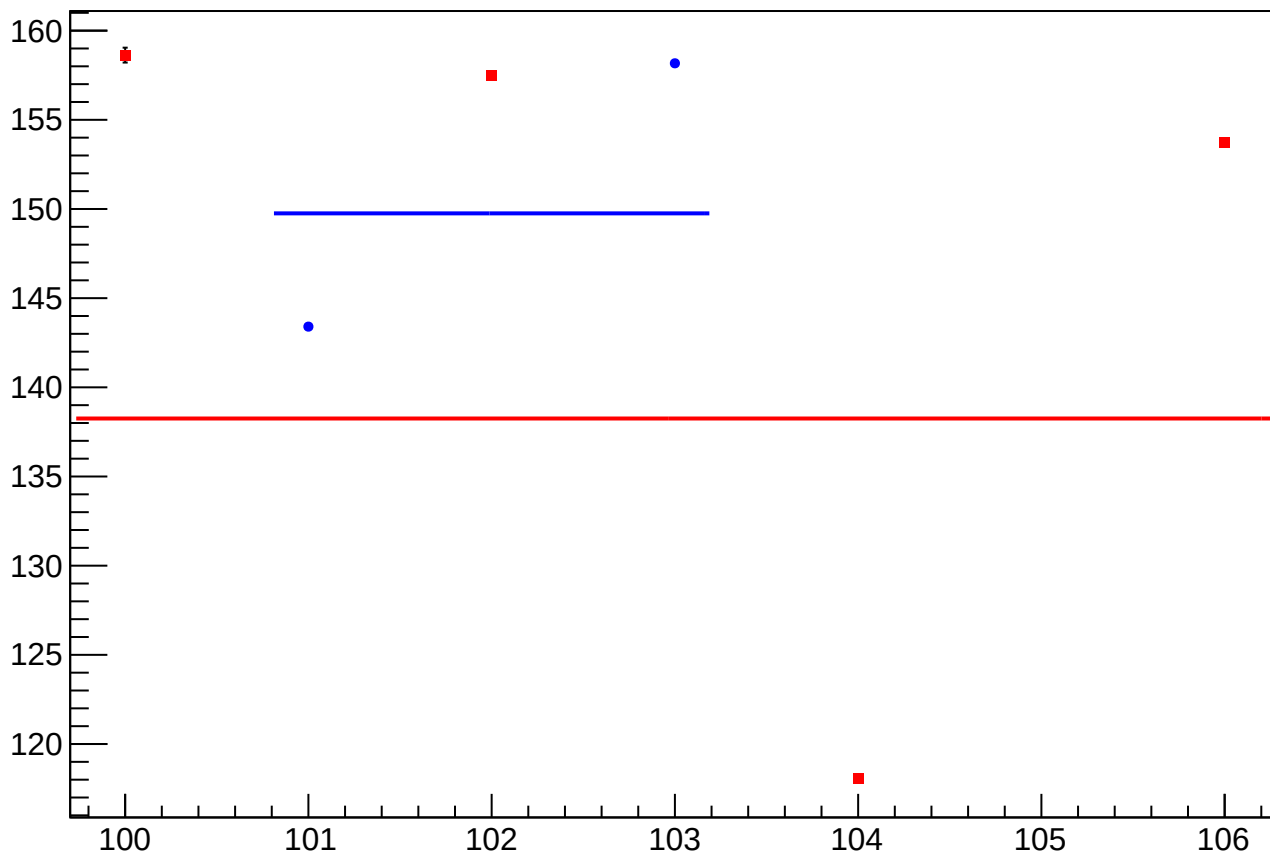
Right: 0.037 $\pm$ 0.088 χ^2 /NDF: 8.1/5

In: -0.015 $\pm$ 0.134 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.037 $\pm$ 0.088 χ^2 /NDF: 8.1/5

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.755 ± 0.095 $\chi^2/\text{NDF}: 5937.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 138.252 ± 0.082 $\chi^2/\text{NDF}: 54908.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

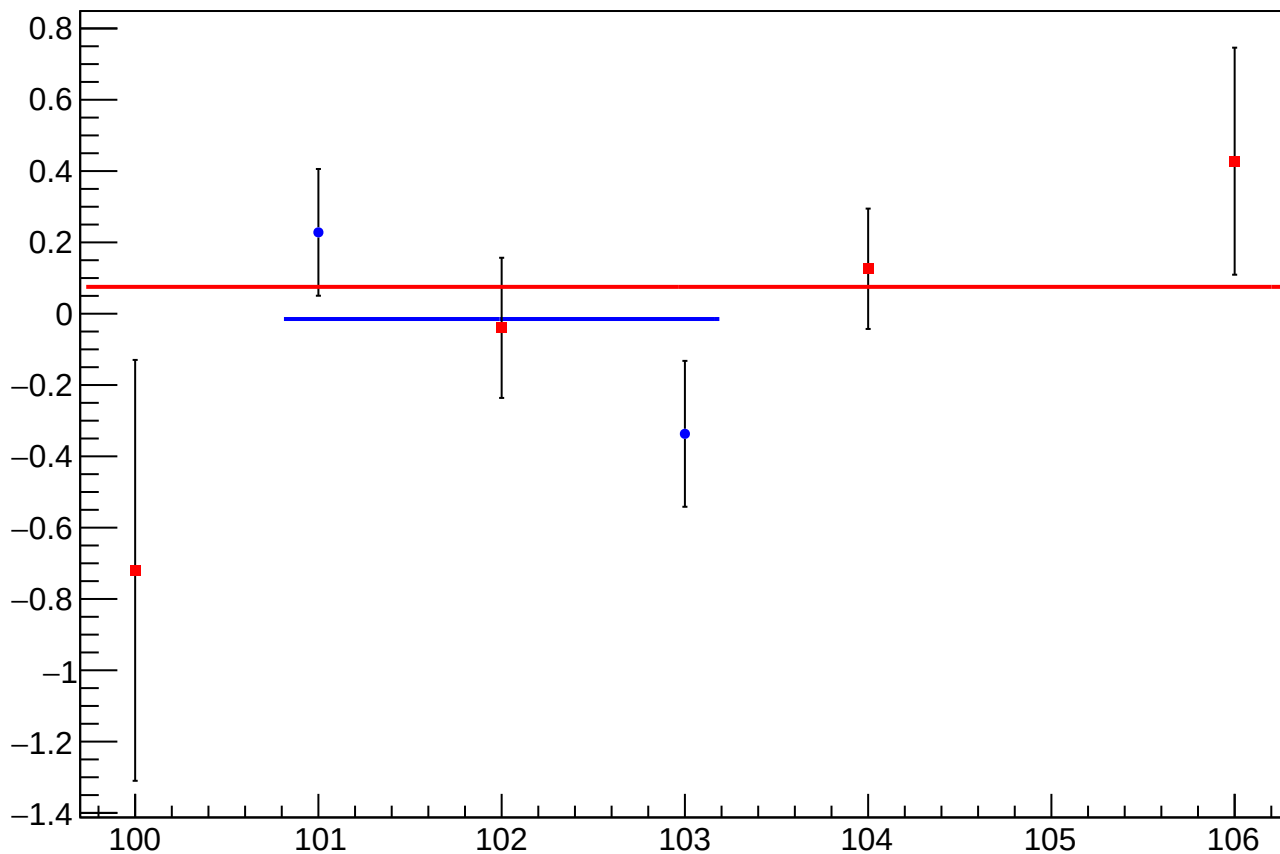
Right: 143.194 ± 0.062 $\chi^2/\text{NDF}: 69230.4/5$

In: 149.755 ± 0.095 $\chi^2/\text{NDF}: 5937.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 143.194 ± 0.062 $\chi^2/\text{NDF}: 69230.4/5$

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.134 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.075+/-0.116 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

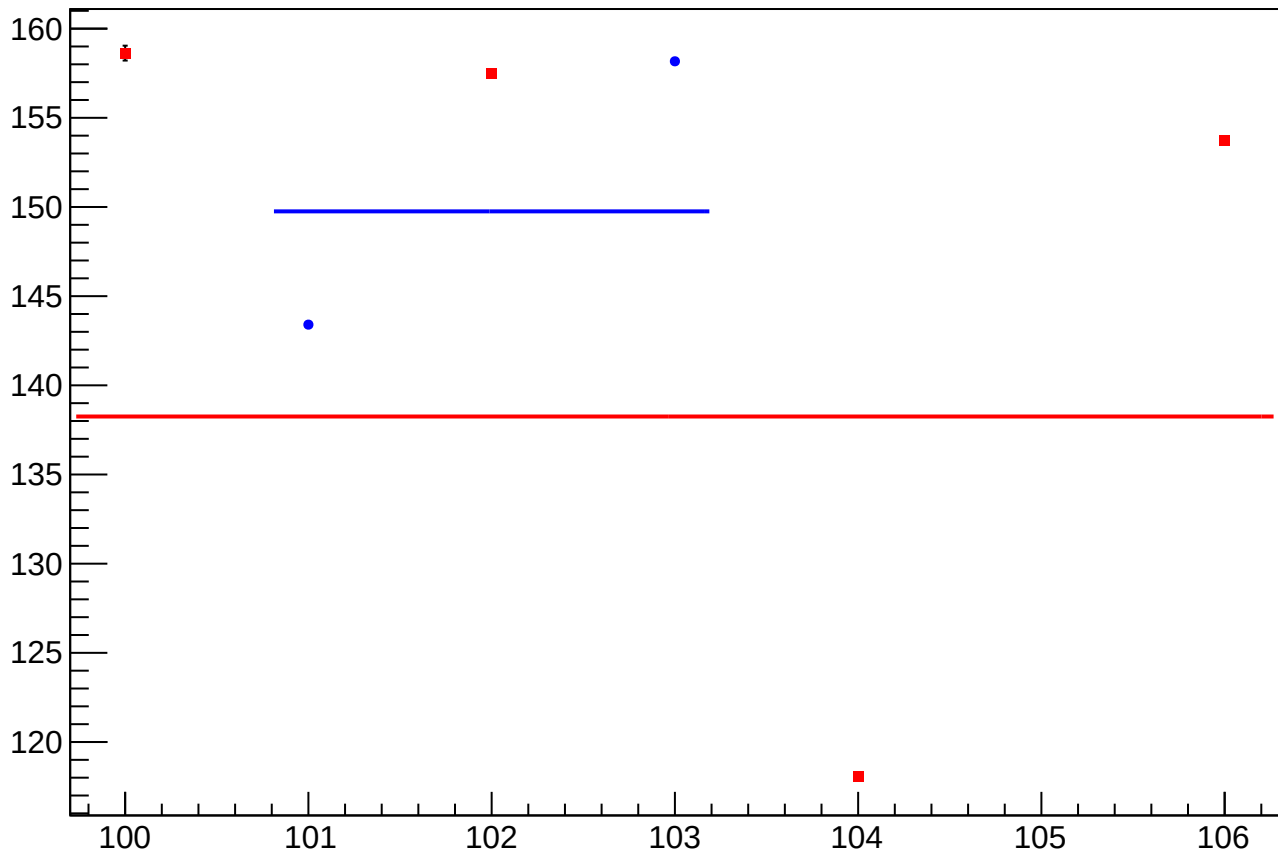
Right: 0.037+/-0.088 χ^2/NDF : 8.1/5

In: -0.015+/-0.134 χ^2/NDF :4.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.037+/-0.088 χ^2/NDF : 8.1/5

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.755 $\pm$ 0.095 χ^2 /NDF: 5937.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.252 $\pm$ 0.082 χ^2 /NDF: 54908.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

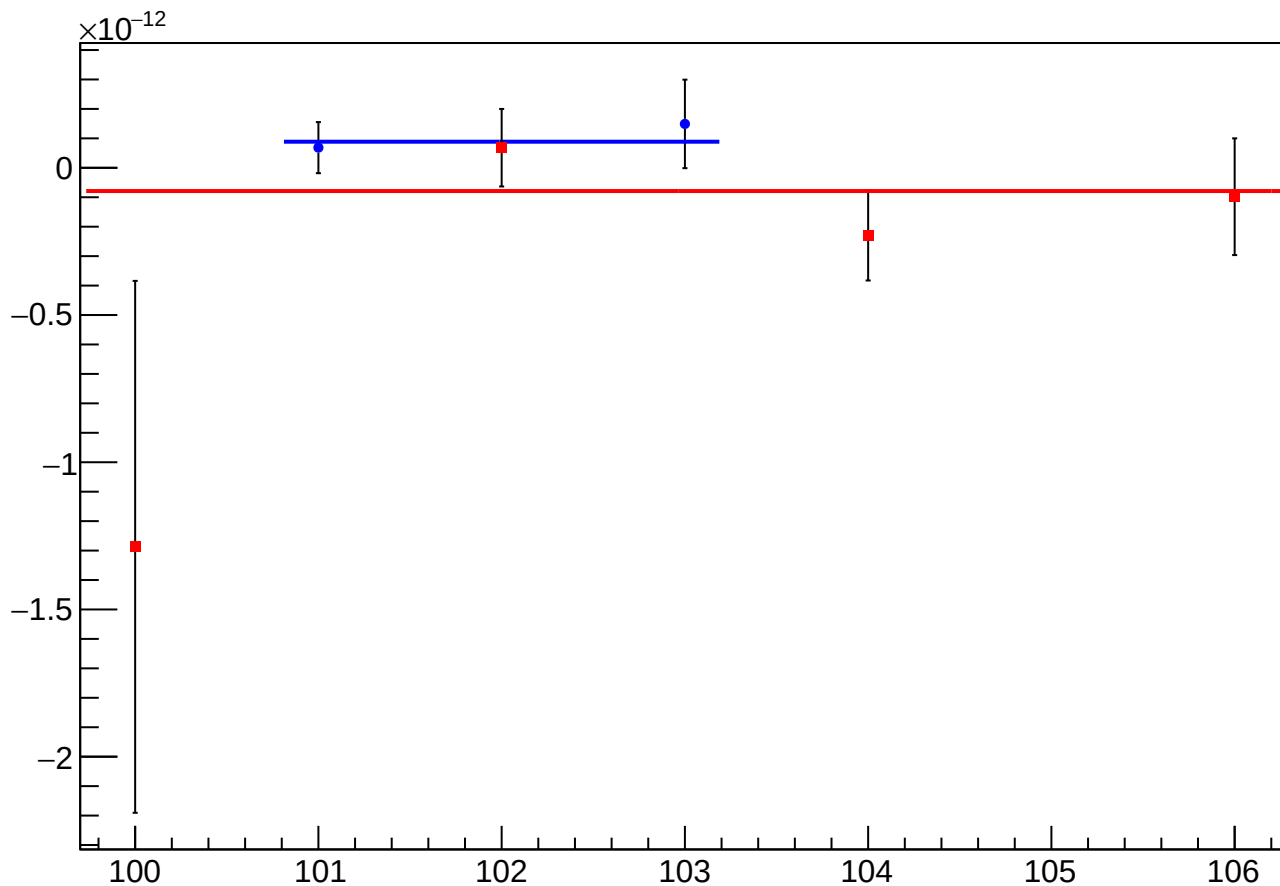
Right: 143.194 $\pm$ 0.062 χ^2 /NDF: 69230.4/5

In: 149.755 $\pm$ 0.095 χ^2 /NDF:5937.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.194 $\pm$ 0.062 χ^2 /NDF: 69230.4/5

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

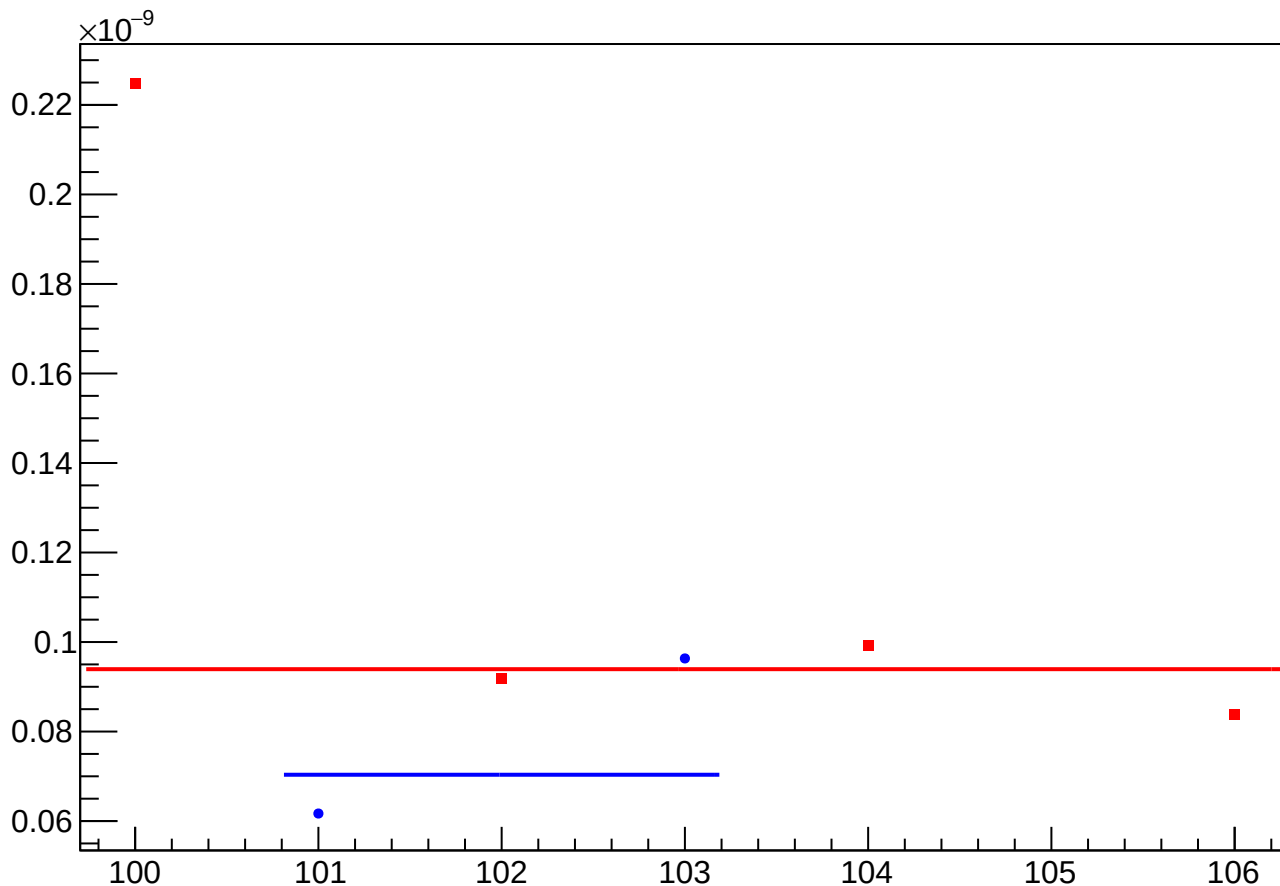
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/5

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 79717.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 50086.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

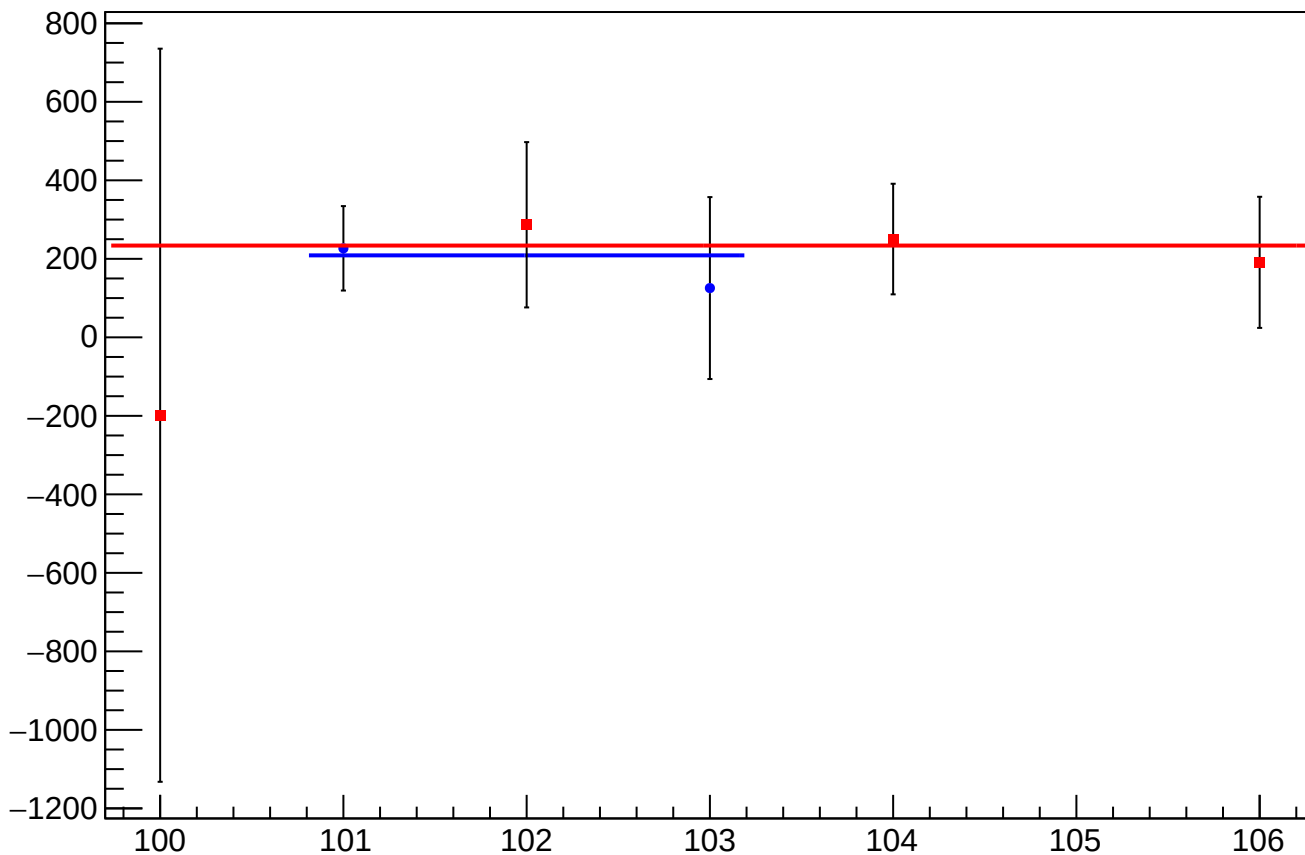
Right: 0.000+/-0.000 χ^2/NDF : 212231.1/5

In: 0.000+/-0.000 χ^2/NDF : 79717.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 212231.1/5

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.825 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.820 $\pm$ 95.376 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

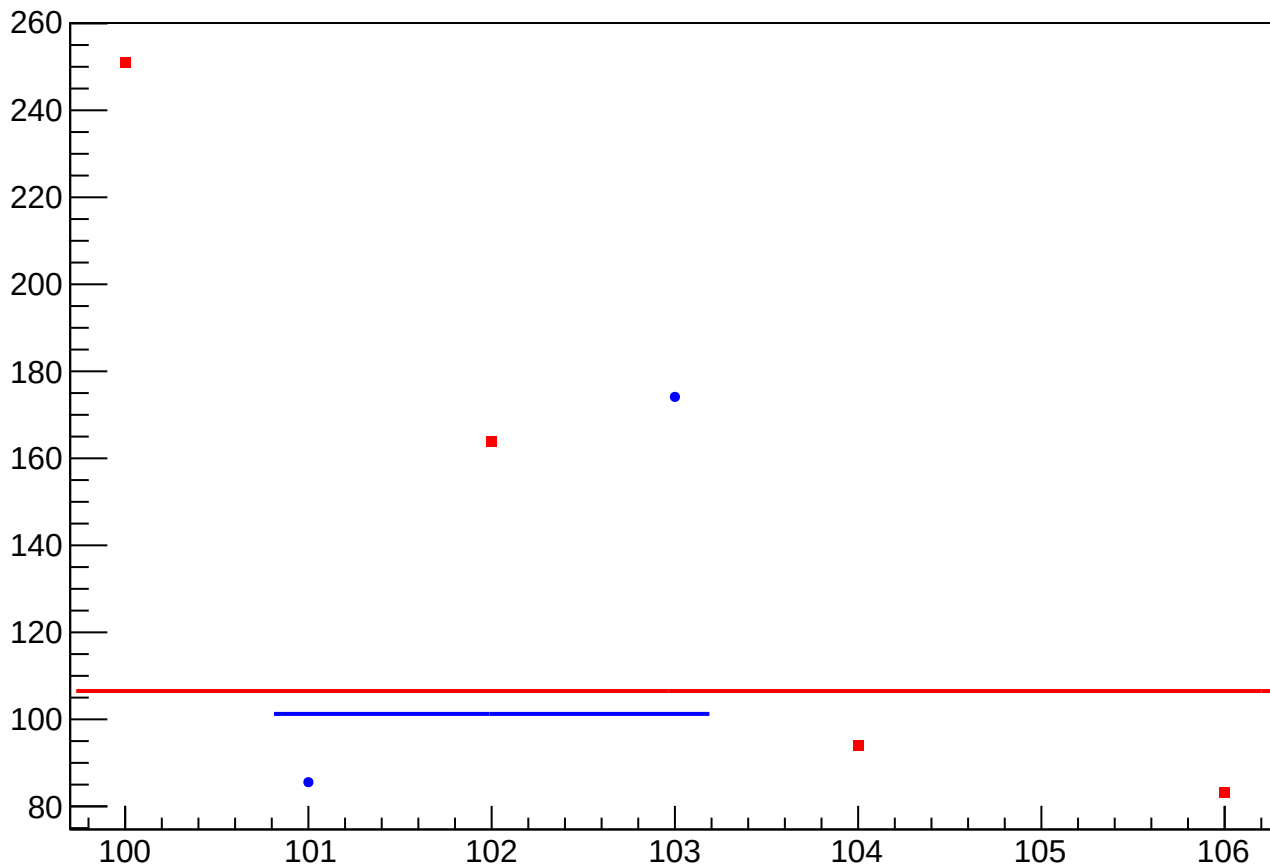
Right: 221.606 $\pm$ 68.201 χ^2 /NDF: 0.5/5

In: 208.825 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 221.606 $\pm$ 68.201 χ^2 /NDF: 0.5/5

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254+/-0.069 χ^2/NDF : 240345.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.517+/-0.067 χ^2/NDF : 251062.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

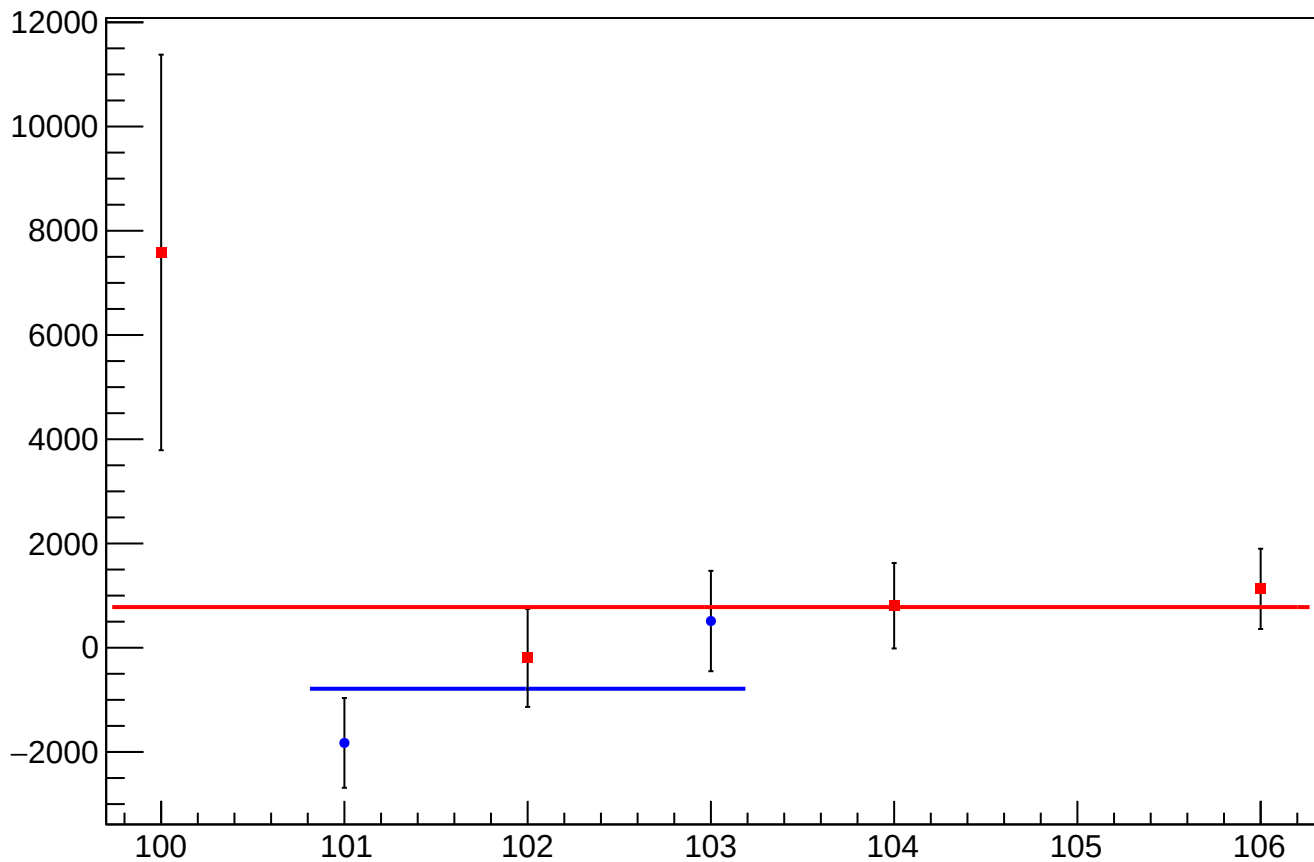
Right: 103.945+/-0.048 χ^2/NDF : 494383.4/5

In: 101.254+/-0.069 χ^2/NDF : 240345.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.945+/-0.048 χ^2/NDF : 494383.4/5

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -787.032+/-641.877 χ^2 /NDF: 3.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 779.577+/-478.105 χ^2 /NDF: 4.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

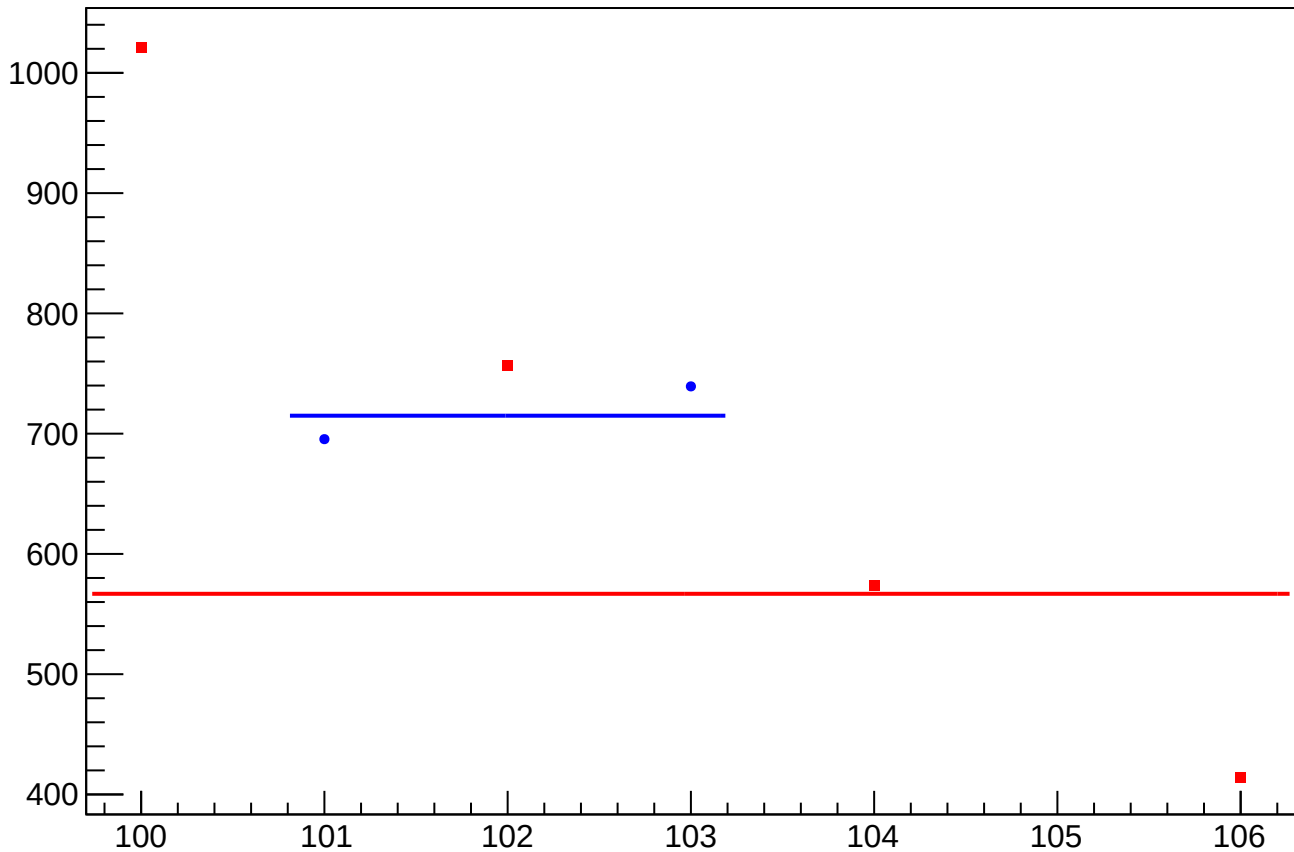
Right: 220.558+/-383.429 χ^2 /NDF: 11.6/5

In: -787.032+/-641.877 χ^2 /NDF: 3.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 220.558+/-383.429 χ^2 /NDF: 11.6/5

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 714.933+/-0.454 χ^2/NDF : 2308.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.841+/-0.338 χ^2/NDF : 188978.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

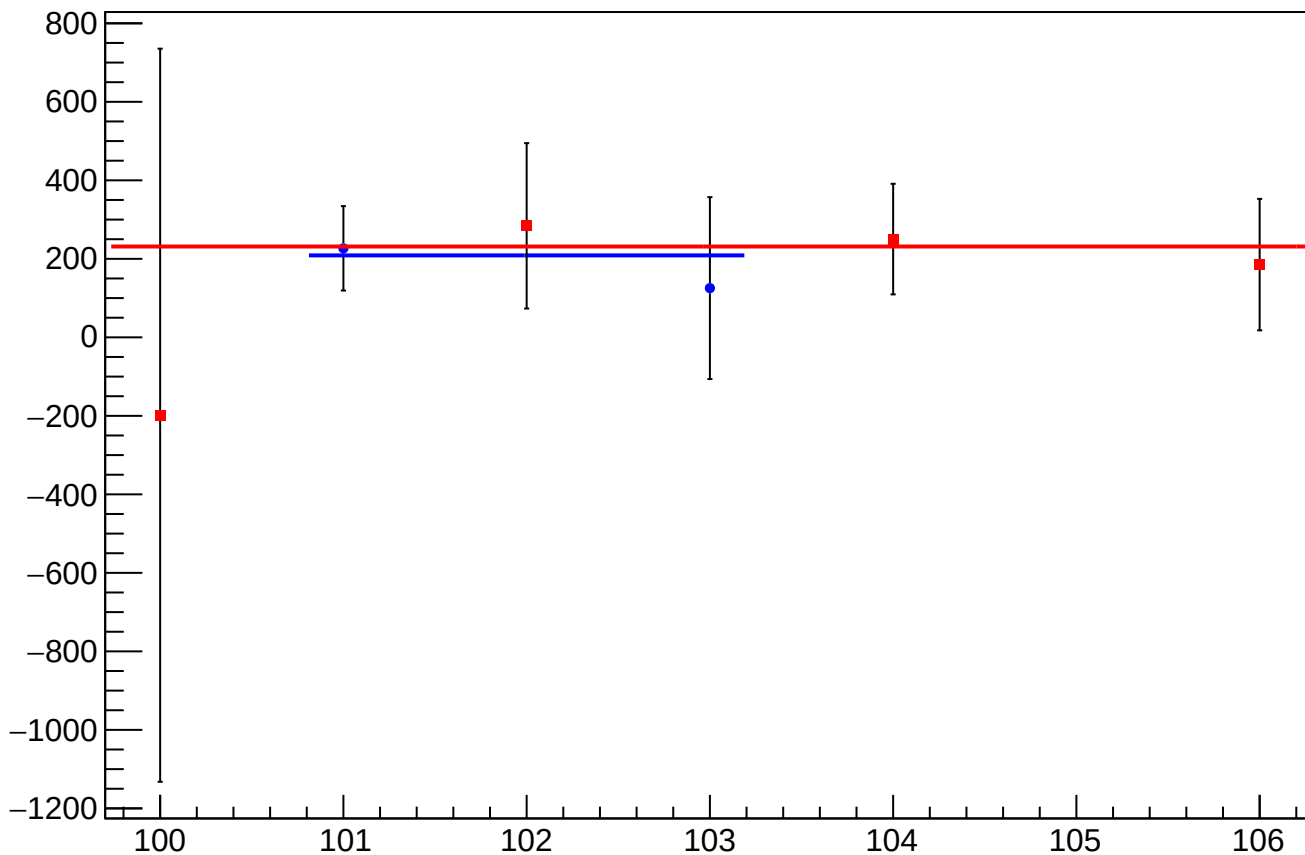
Right: 619.685+/-0.271 χ^2/NDF : 259759.4/5

In: 714.933+/-0.454 χ^2/NDF : 2308.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.685+/-0.271 χ^2/NDF : 259759.4/5

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.408 $\pm$ 95.465 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

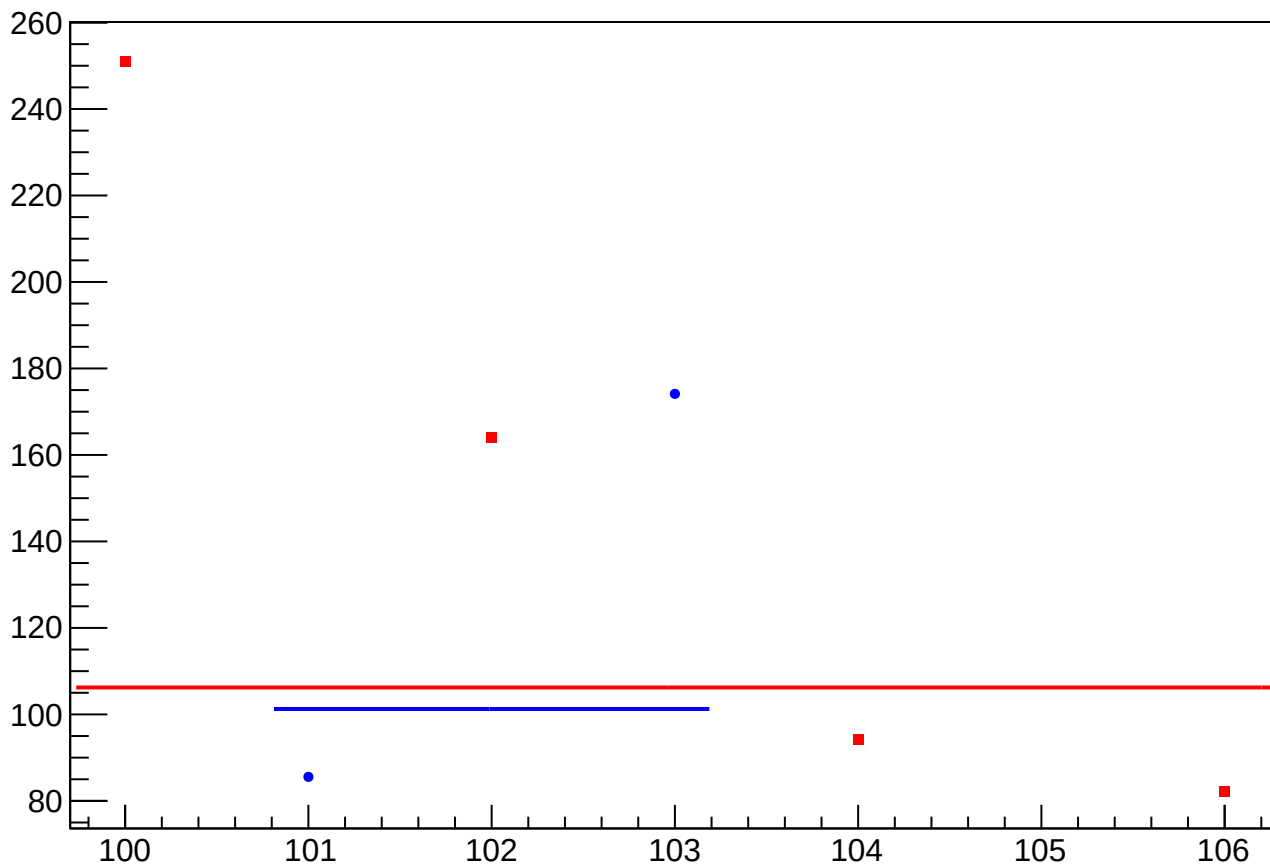
Right: 220.351 $\pm$ 68.234 χ^2 /NDF: 0.6/5

In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.351 $\pm$ 68.234 χ^2 /NDF: 0.6/5

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254 $\pm$ 0.069 χ^2 /NDF: 240347.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.228 $\pm$ 0.068 χ^2 /NDF: 254481.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

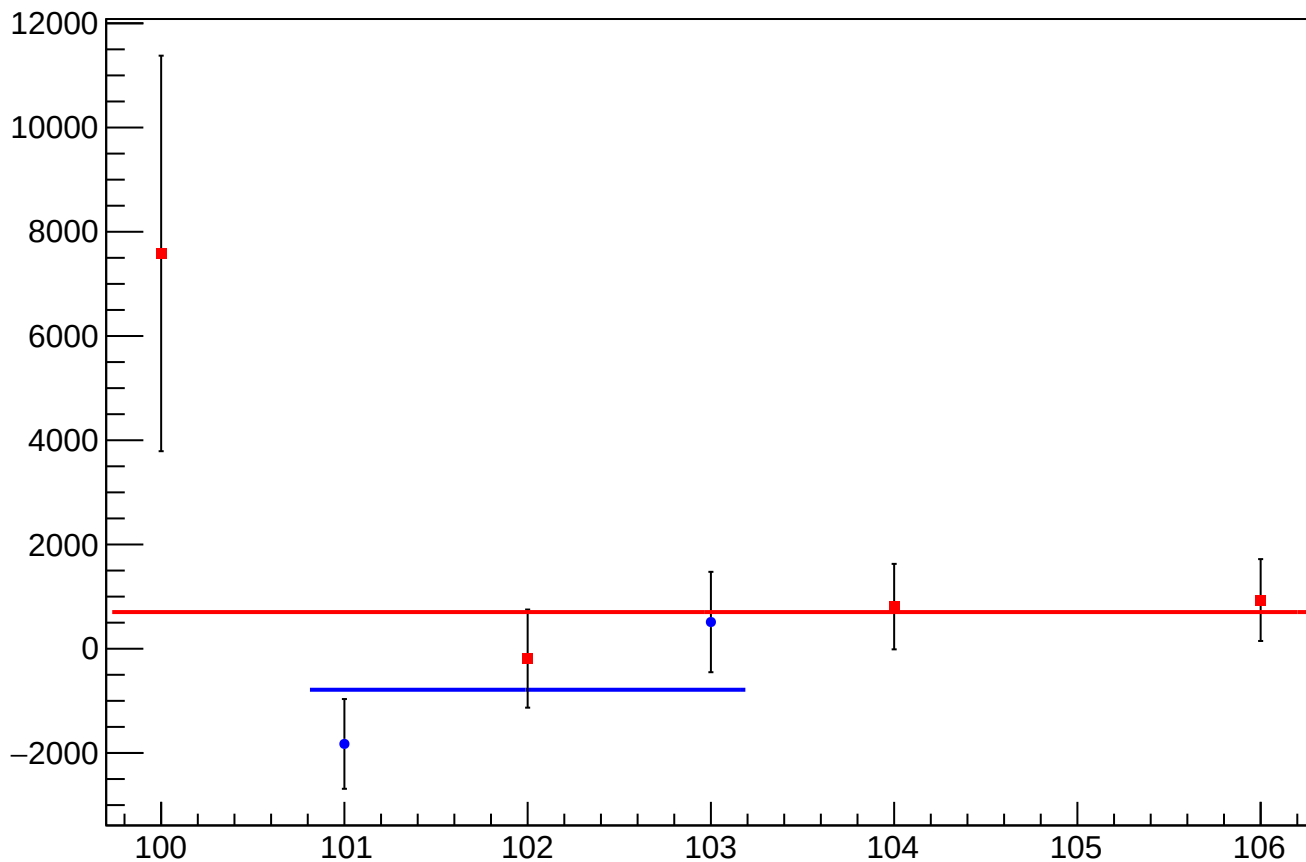
Right: 103.795 $\pm$ 0.048 χ^2 /NDF: 497484.2/5

In: 101.254 $\pm$ 0.069 χ^2 /NDF:240347.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.795 $\pm$ 0.048 χ^2 /NDF: 497484.2/5

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.380+/-481.880 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

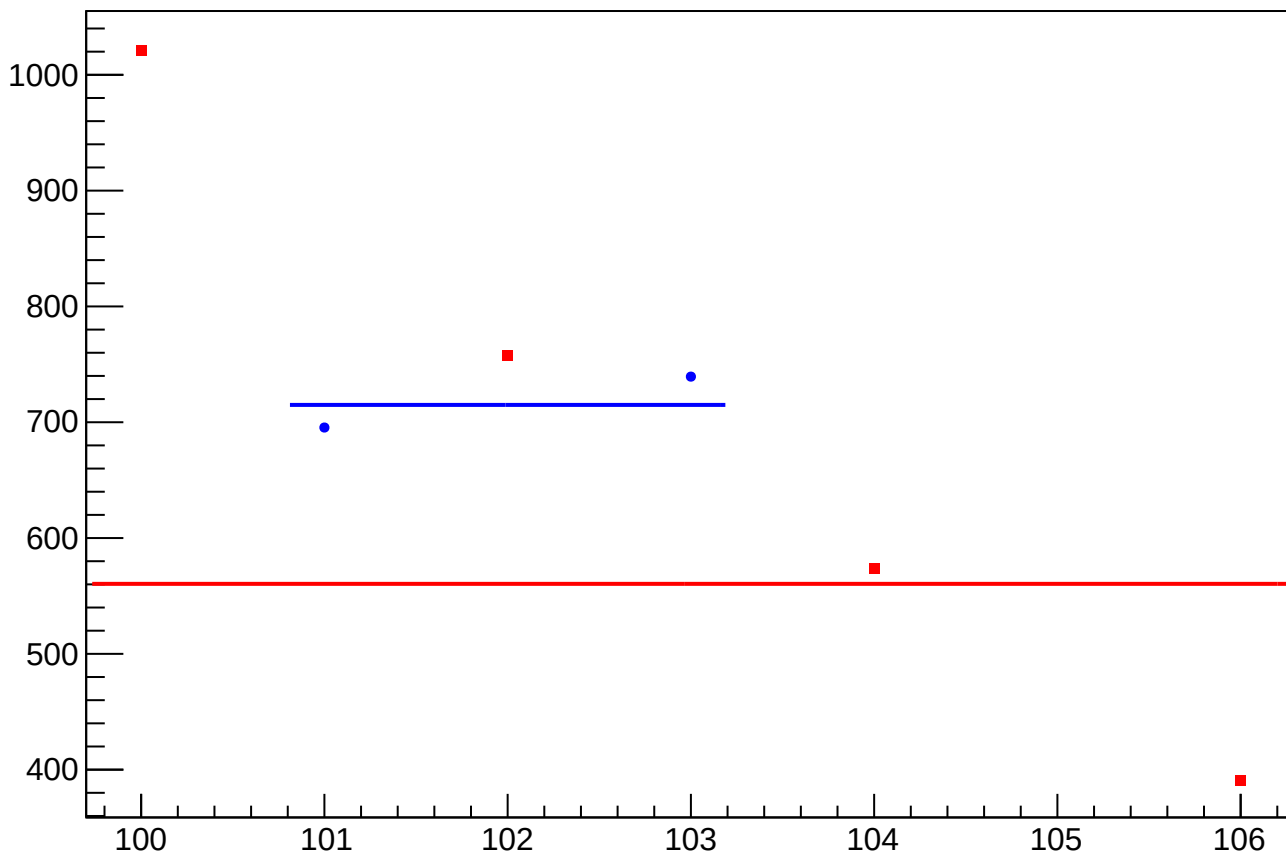
Right: 166.172+/-385.375 χ^2/NDF : 11.0/5

In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.172+/-385.375 χ^2/NDF : 11.0/5

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 714.966+/-0.454 χ^2/NDF : 2315.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.447+/-0.341 χ^2/NDF : 210964.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

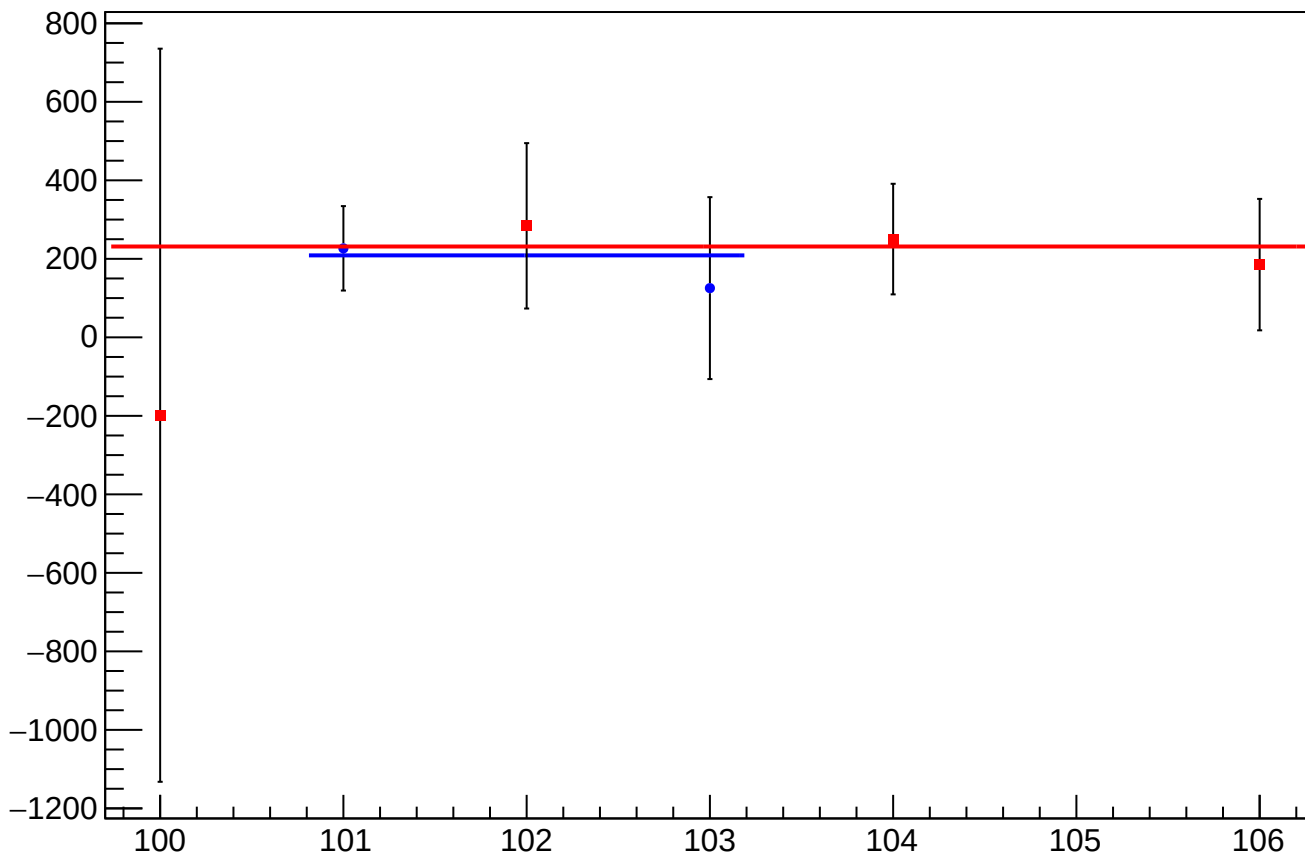
Right: 616.140+/-0.273 χ^2/NDF : 287400.2/5

In: 714.966+/-0.454 χ^2/NDF : 2315.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.140+/-0.273 χ^2/NDF : 287400.2/5

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.408 $\pm$ 95.465 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

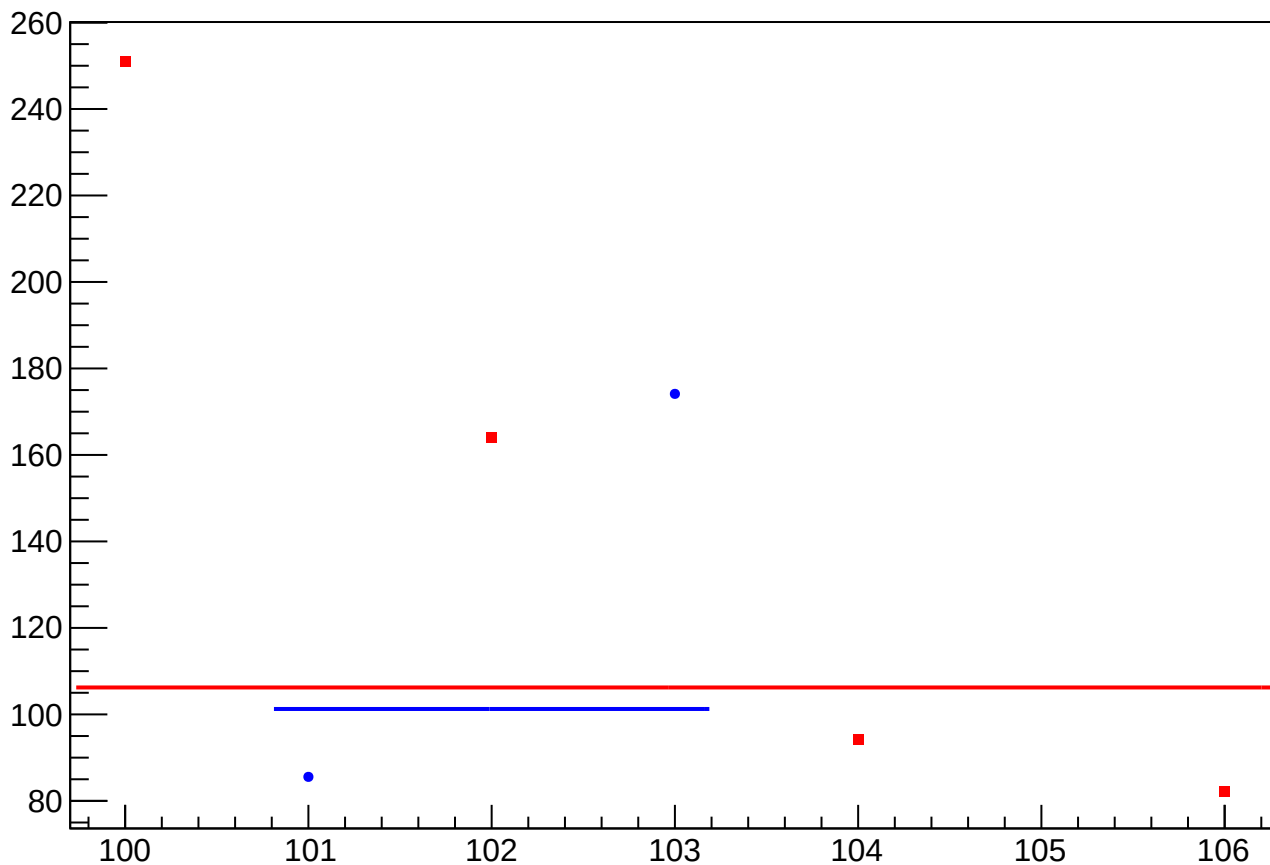
Right: 220.351 $\pm$ 68.234 χ^2 /NDF: 0.6/5

In: 208.803 $\pm$ 97.564 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.351 $\pm$ 68.234 χ^2 /NDF: 0.6/5

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.228+/-0.068 χ^2/NDF : 254481.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

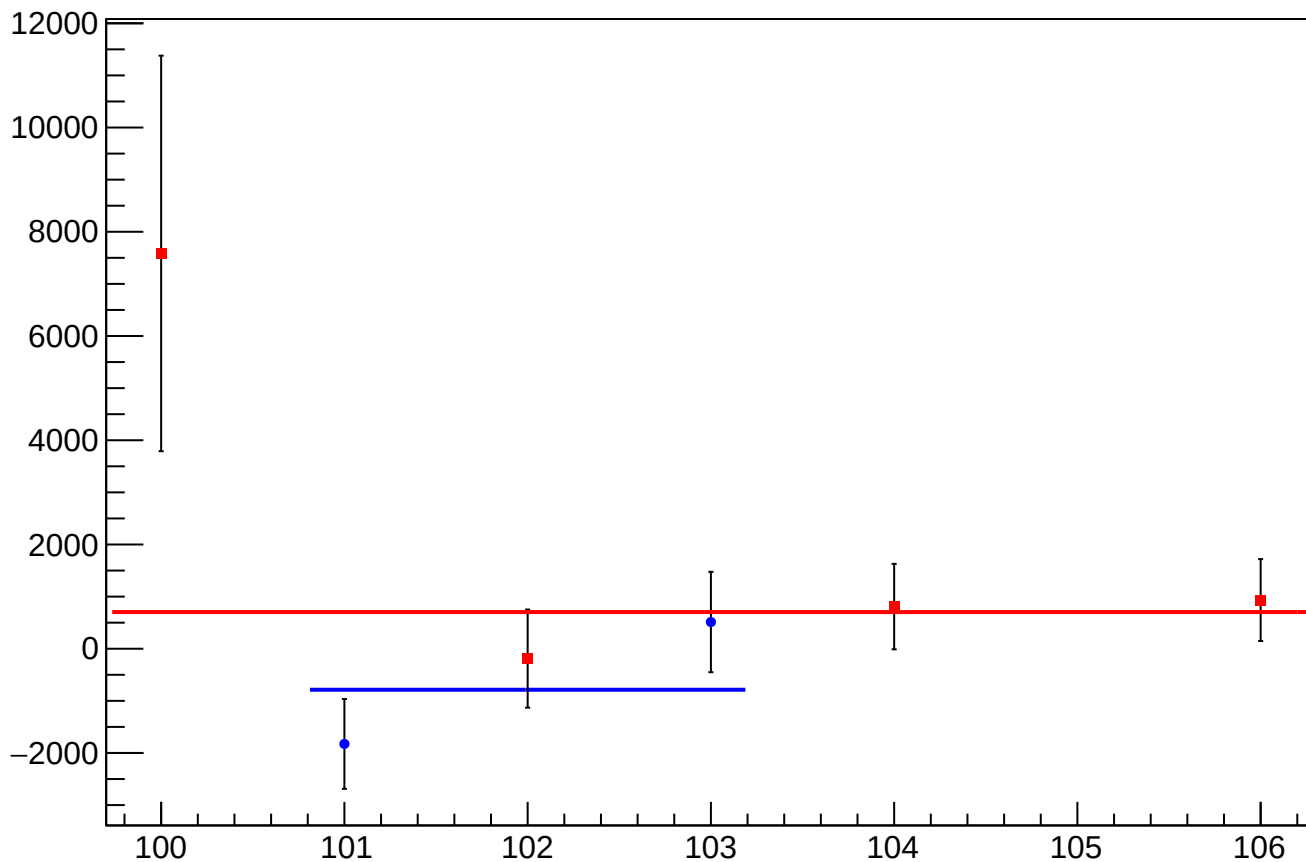
Right: 103.795+/-0.048 χ^2/NDF : 497484.2/5

In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.795+/-0.048 χ^2/NDF : 497484.2/5

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.380+/-481.880 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

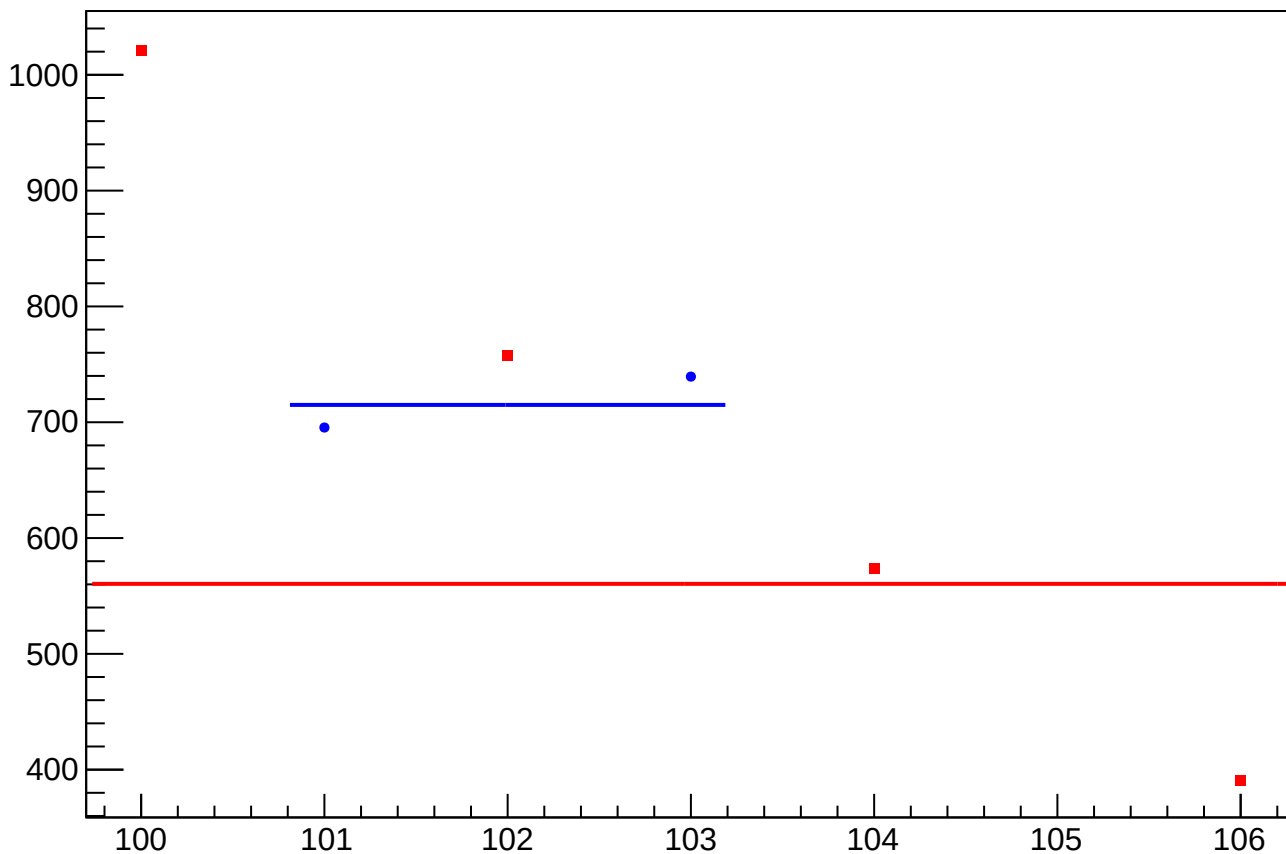
Right: 166.172+/-385.375 χ^2/NDF : 11.0/5

In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.172+/-385.375 χ^2/NDF : 11.0/5

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 714.966 $\pm$ 0.454 χ^2 /NDF: 2315.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 560.447 $\pm$ 0.341 χ^2 /NDF: 210964.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

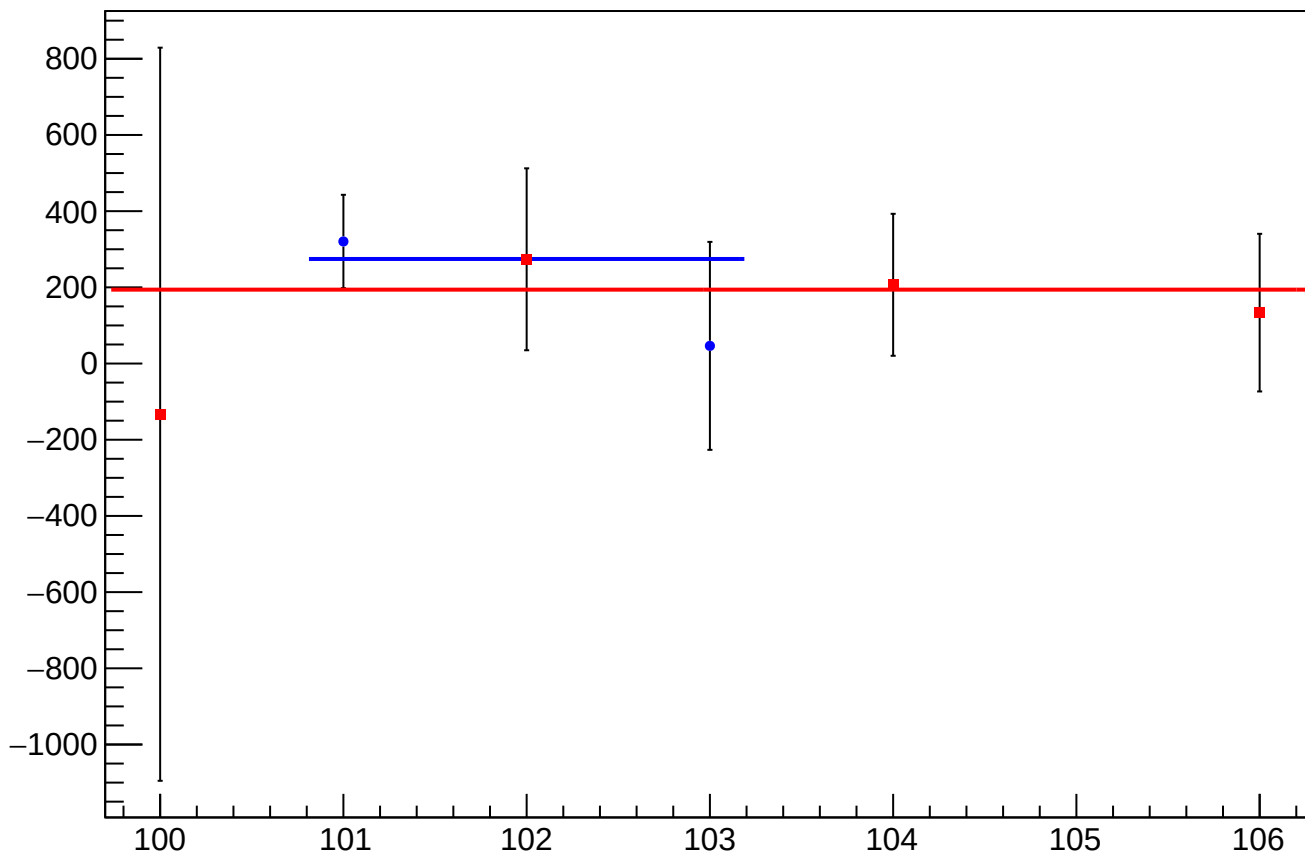
Right: 616.140 $\pm$ 0.273 χ^2 /NDF: 287400.2/5

In: 714.966 $\pm$ 0.454 χ^2 /NDF:2315.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 616.140 $\pm$ 0.273 χ^2 /NDF: 287400.2/5

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 274.496 $\pm$ 111.743 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 193.983 $\pm$ 118.853 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

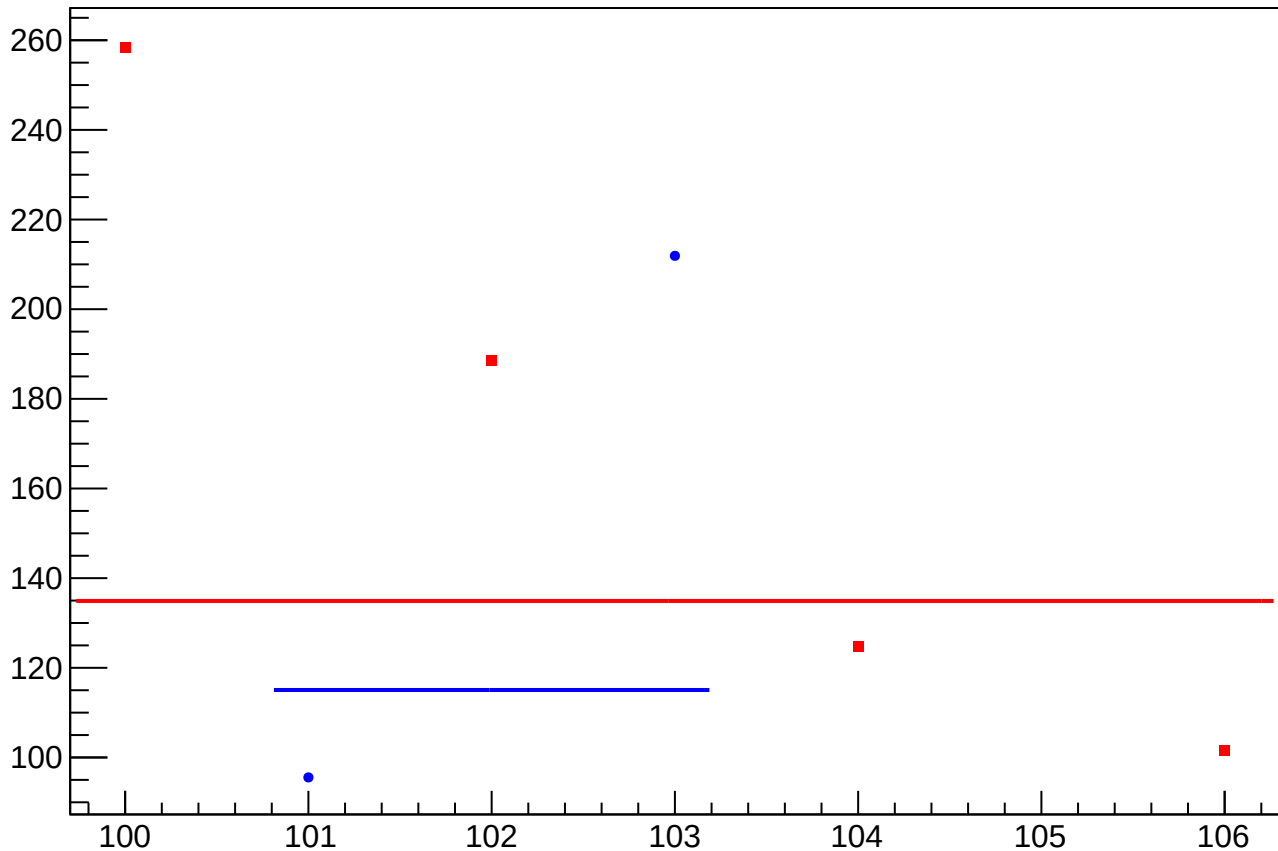
Right: 236.720 $\pm$ 81.412 χ^2 /NDF: 1.4/5

In: 274.496 $\pm$ 111.743 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 236.720 $\pm$ 81.412 χ^2 /NDF: 1.4/5

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 115.053+/-0.079 χ^2/NDF : 302545.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.914+/-0.084 χ^2/NDF : 191286.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

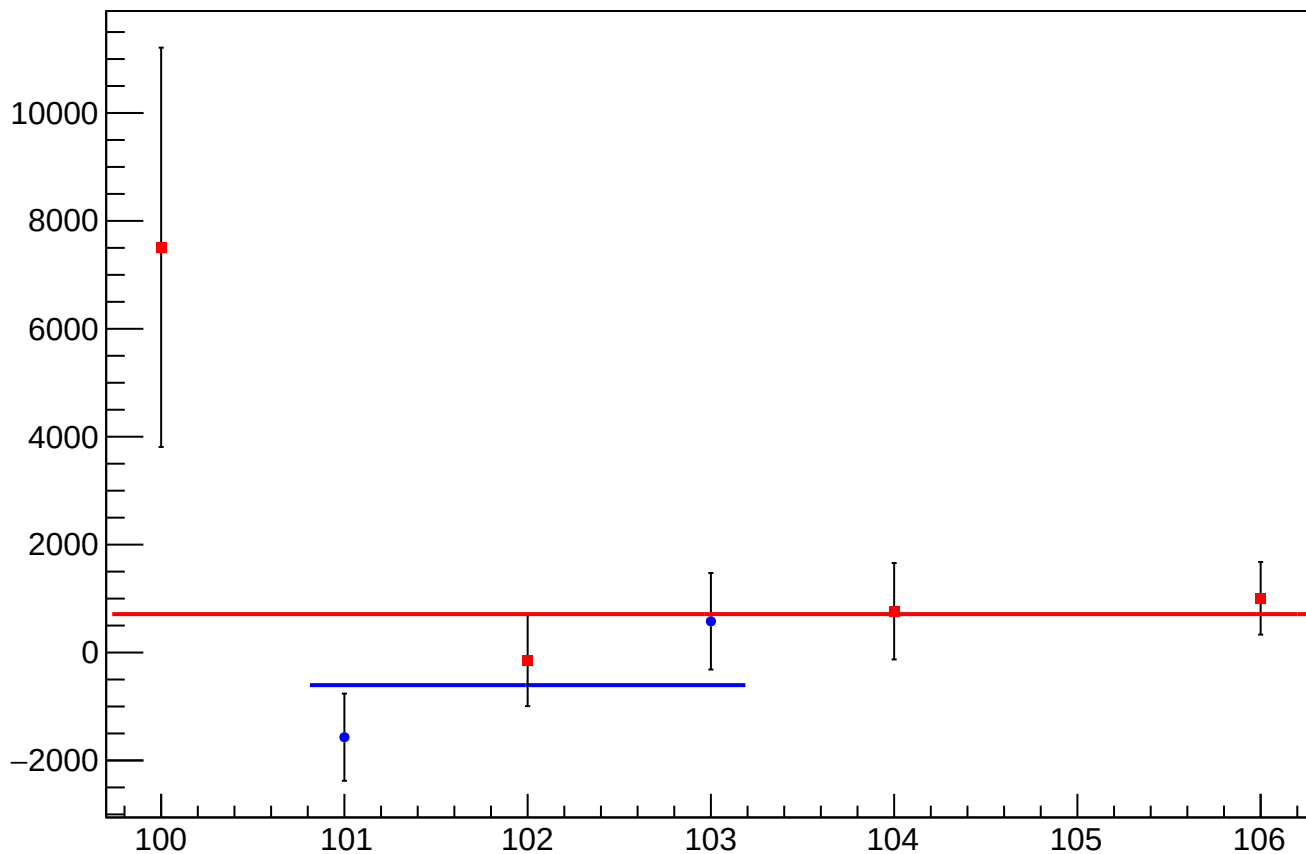
Right: 124.372+/-0.058 χ^2/NDF : 523475.3/5

In: 115.053+/-0.079 χ^2/NDF : 302545.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.372+/-0.058 χ^2/NDF : 523475.3/5

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -604.022+/-599.646 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 712.424+/-450.091 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

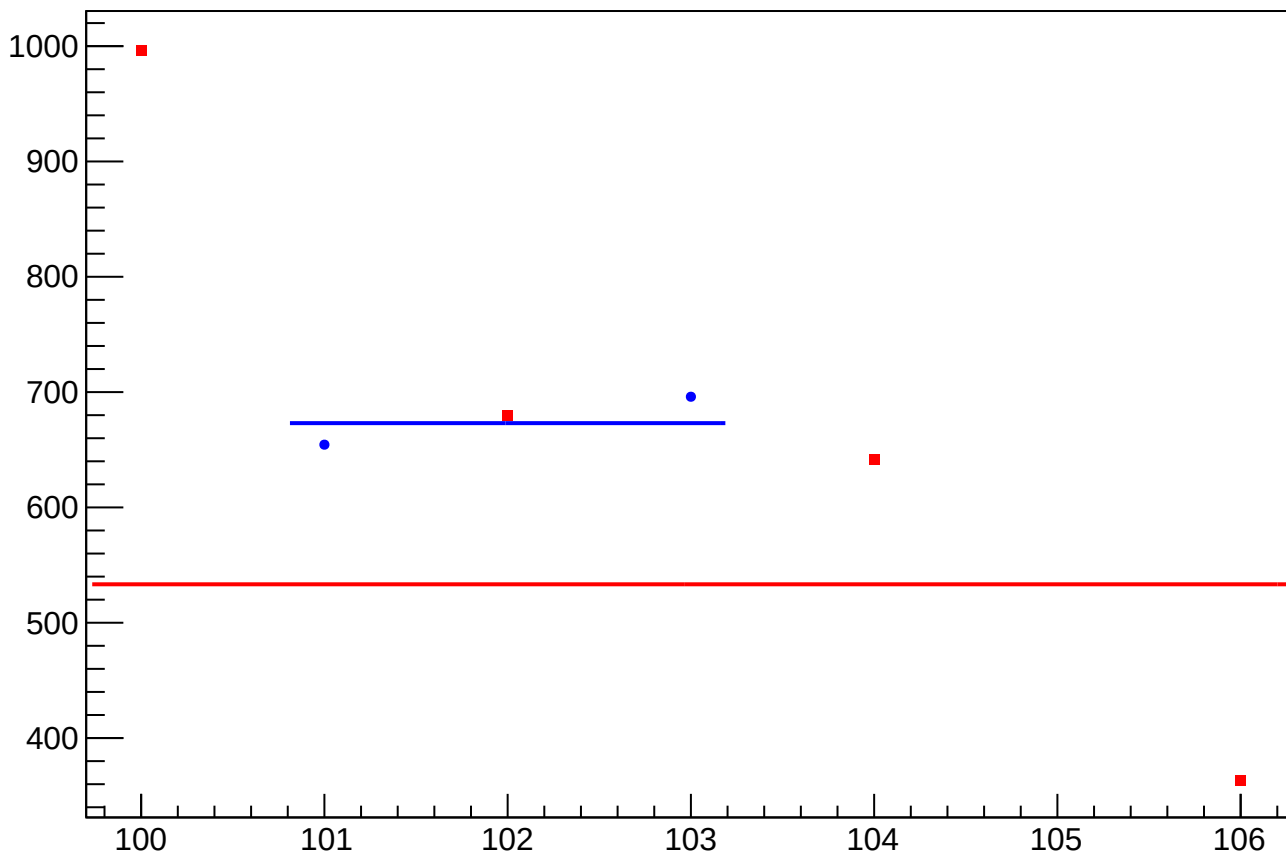
Right: 238.023+/-359.970 χ^2/NDF : 10.9/5

In: -604.022+/-599.646 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.023+/-359.970 χ^2/NDF : 10.9/5

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 673.088+/-0.424 χ^2/NDF : 2377.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.336+/-0.318 χ^2/NDF : 248323.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

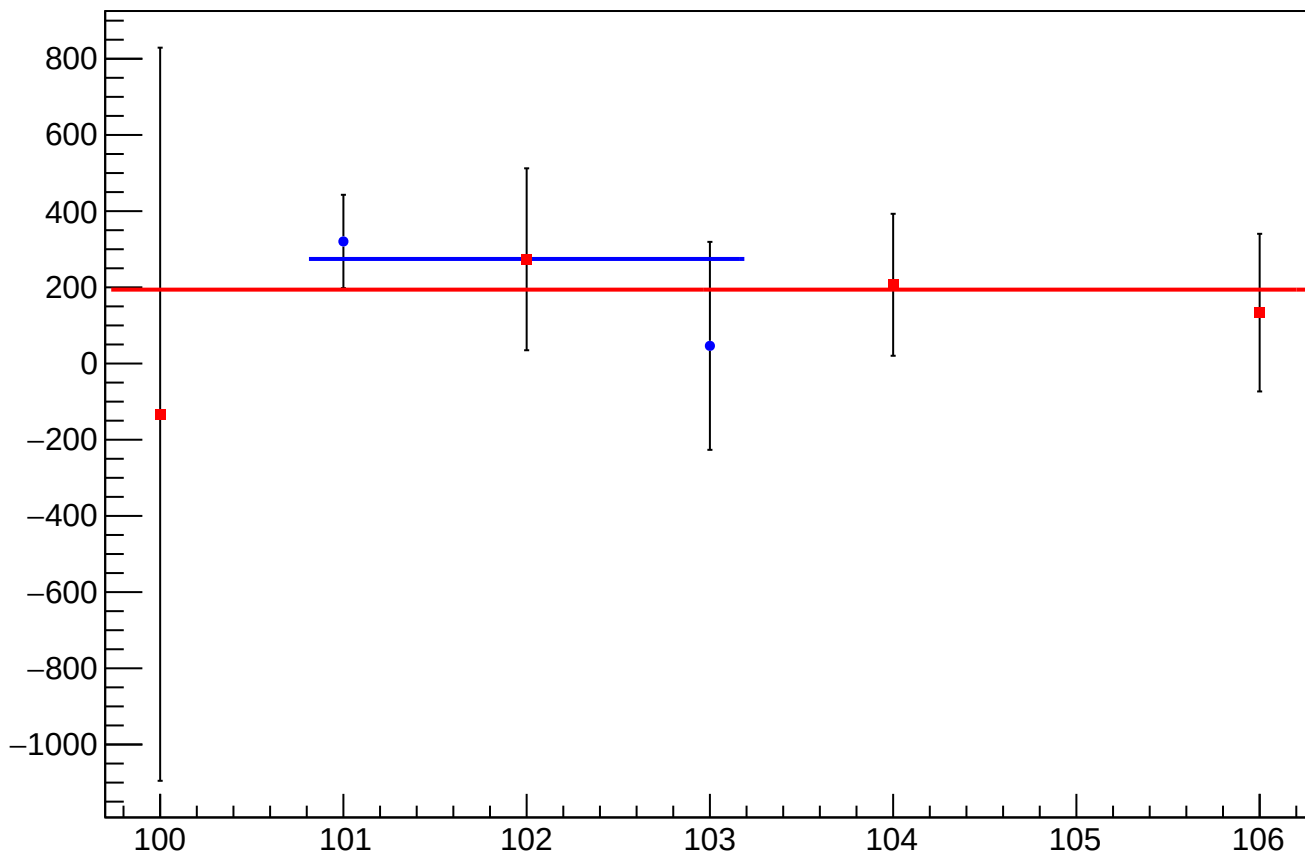
Right: 583.698+/-0.255 χ^2/NDF : 320185.8/5

In: 673.088+/-0.424 χ^2/NDF : 2377.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.698+/-0.255 χ^2/NDF : 320185.8/5

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 274.502 $\pm$ 111.744 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 193.981 $\pm$ 118.853 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

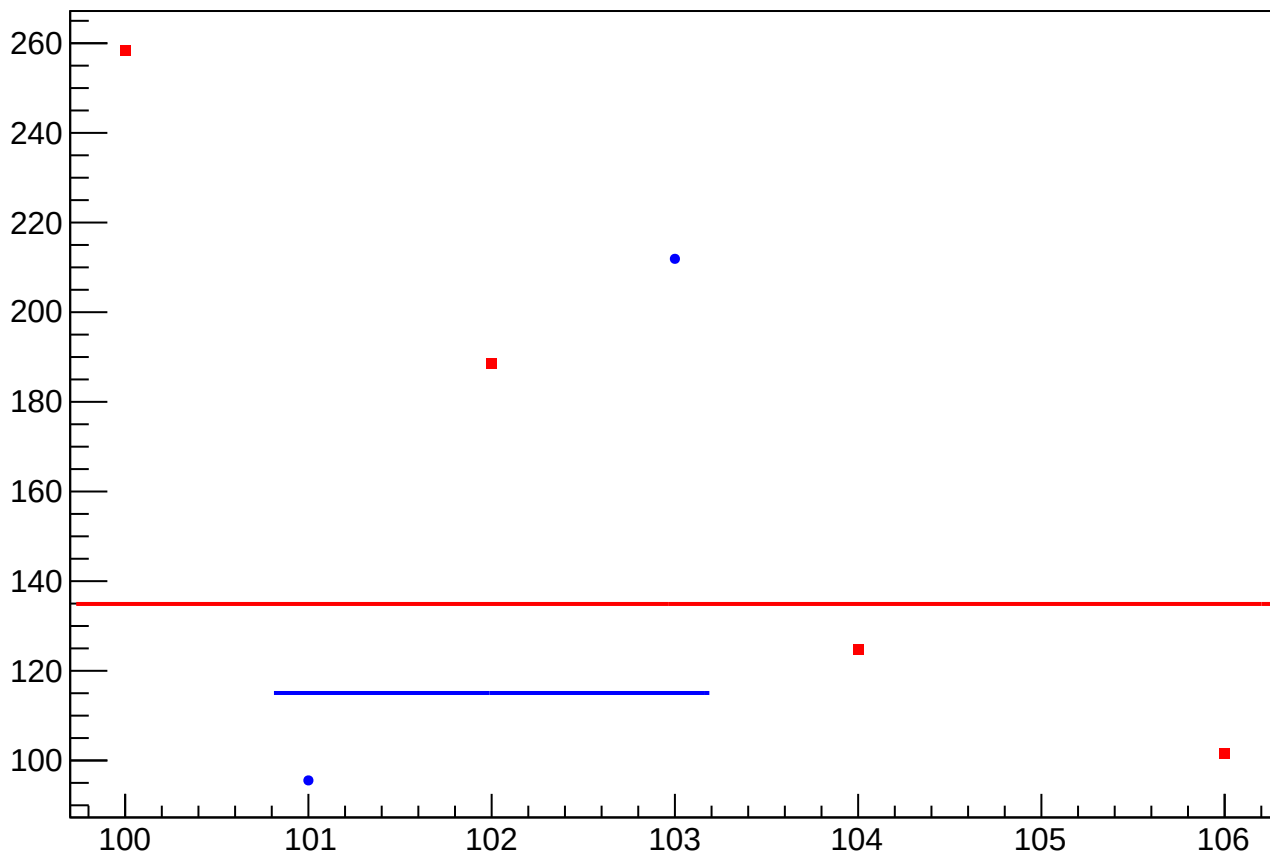
Right: 236.721 $\pm$ 81.412 χ^2 /NDF: 1.4/5

In: 274.502 $\pm$ 111.744 χ^2 /NDF: 0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 236.721 $\pm$ 81.412 χ^2 /NDF: 1.4/5

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 115.054+/-0.079 χ^2/NDF : 302545.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.914+/-0.084 χ^2/NDF : 191290.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

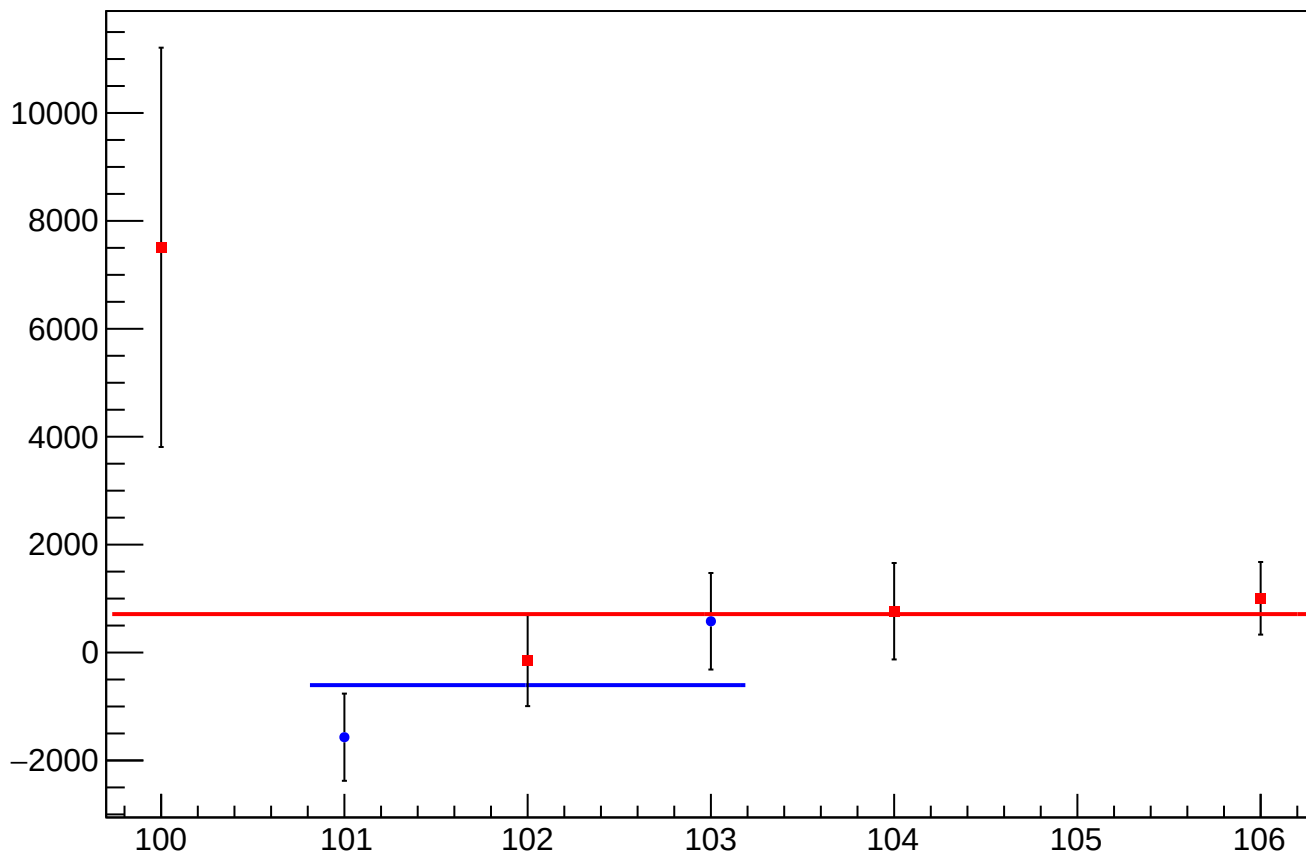
Right: 124.372+/-0.058 χ^2/NDF : 523475.9/5

In: 115.054+/-0.079 χ^2/NDF : 302545.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.372+/-0.058 χ^2/NDF : 523475.9/5

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -604.019+/-599.643 χ^2 /NDF: 3.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 712.422+/-450.089 χ^2 /NDF: 4.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

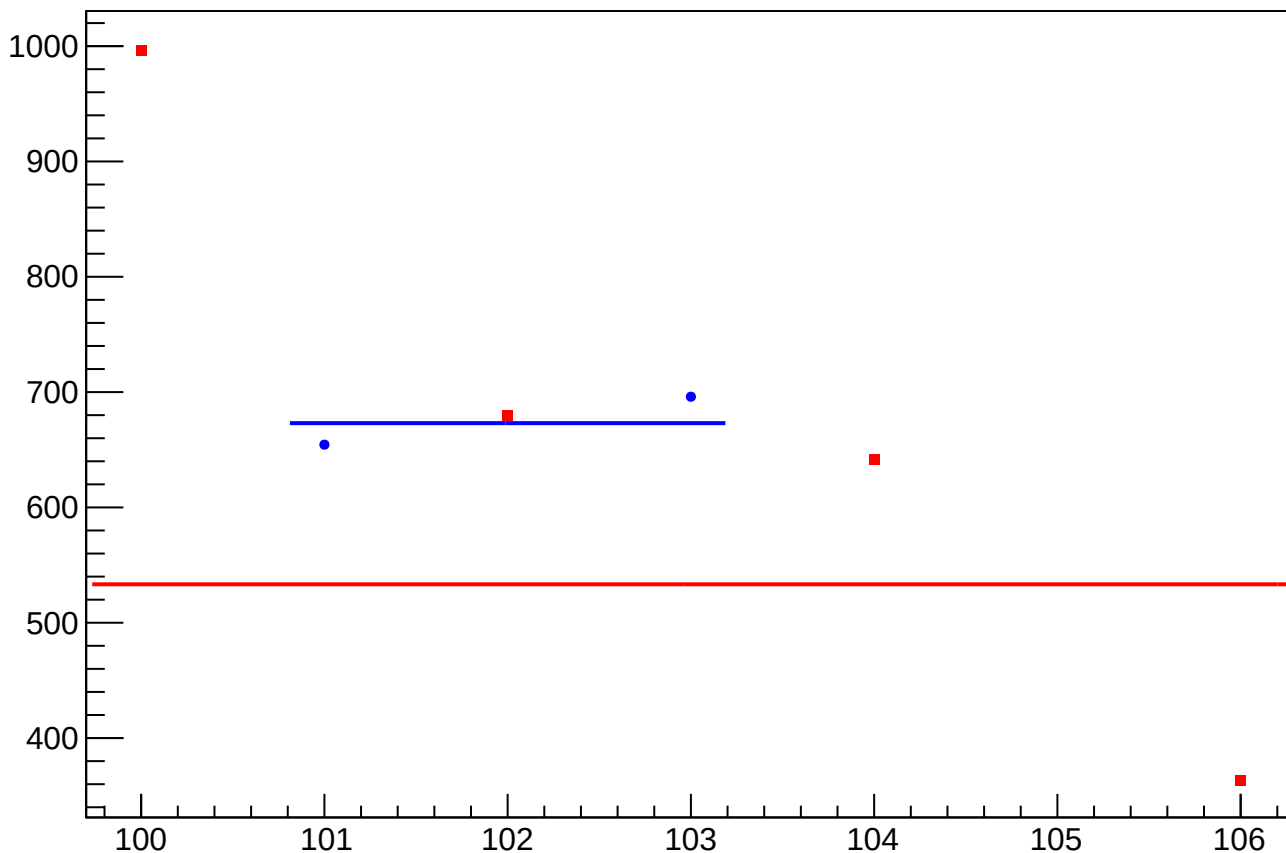
Right: 238.022+/-359.969 χ^2 /NDF: 10.9/5

In: -604.019+/-599.643 χ^2 /NDF:3.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 238.022+/-359.969 χ^2 /NDF: 10.9/5

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 673.084 ± 0.424 χ^2/NDF : 2377.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 533.334 ± 0.318 χ^2/NDF : 248321.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

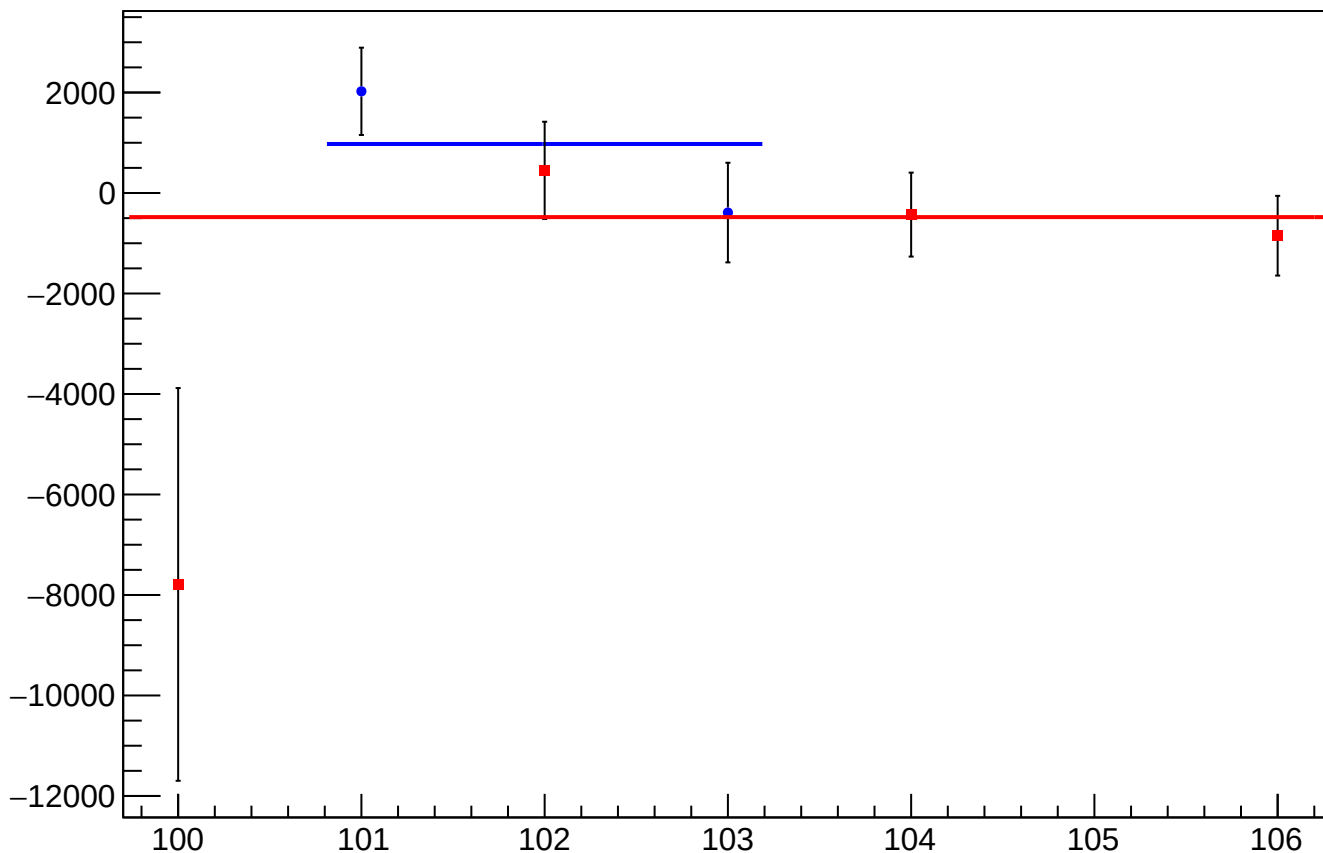
Right: 583.695 ± 0.255 χ^2/NDF : 320182.0/5

In: 673.084 ± 0.424 χ^2/NDF : 2377.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 583.695 ± 0.255 χ^2/NDF : 320182.0/5

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 975.594+/-653.411 χ^2/NDF : 3.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -479.609+/-490.483 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

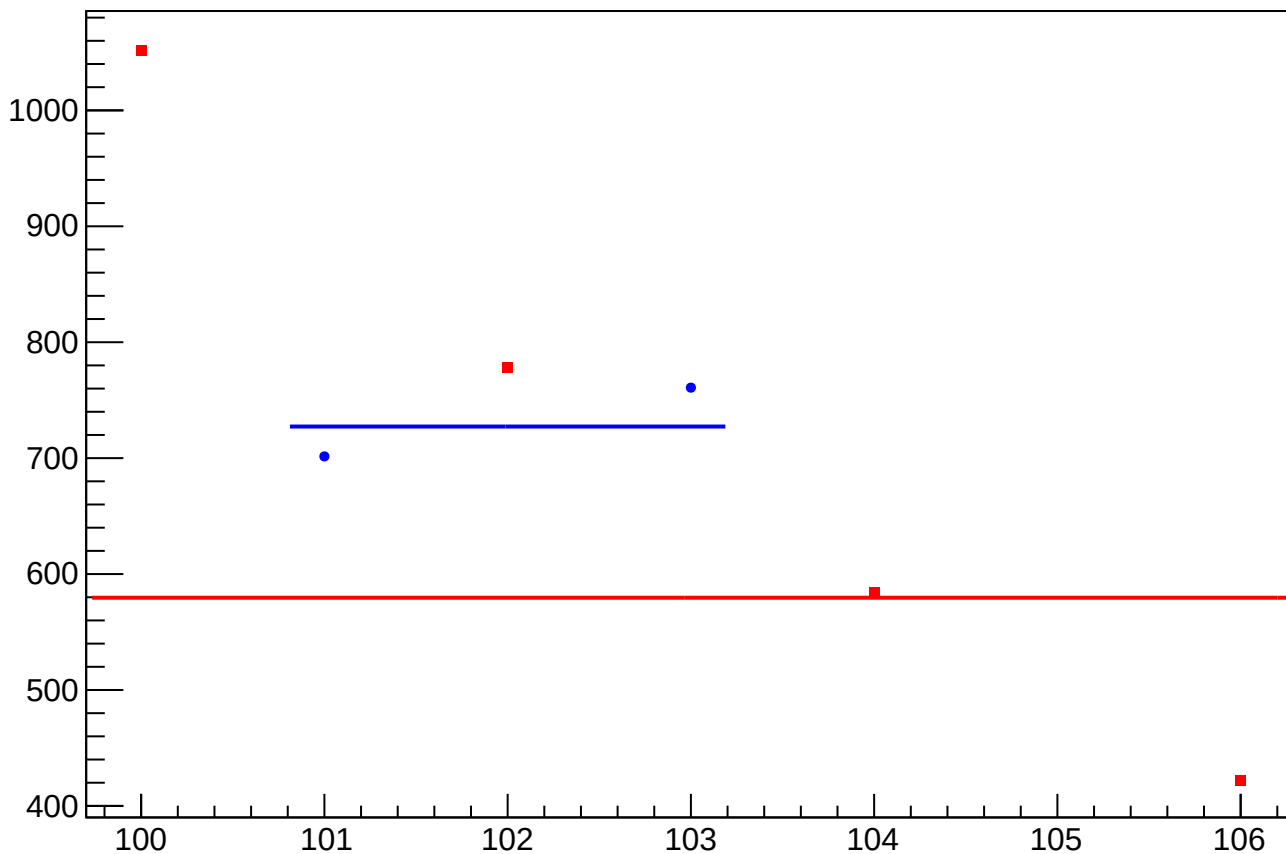
Right: 44.845+/-392.264 χ^2/NDF : 11.2/5

In: 975.594+/-653.411 χ^2/NDF :3.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.845+/-392.264 χ^2/NDF : 11.2/5

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 727.268+/-0.462 χ^2/NDF : 4045.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.592+/-0.347 χ^2/NDF : 192276.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

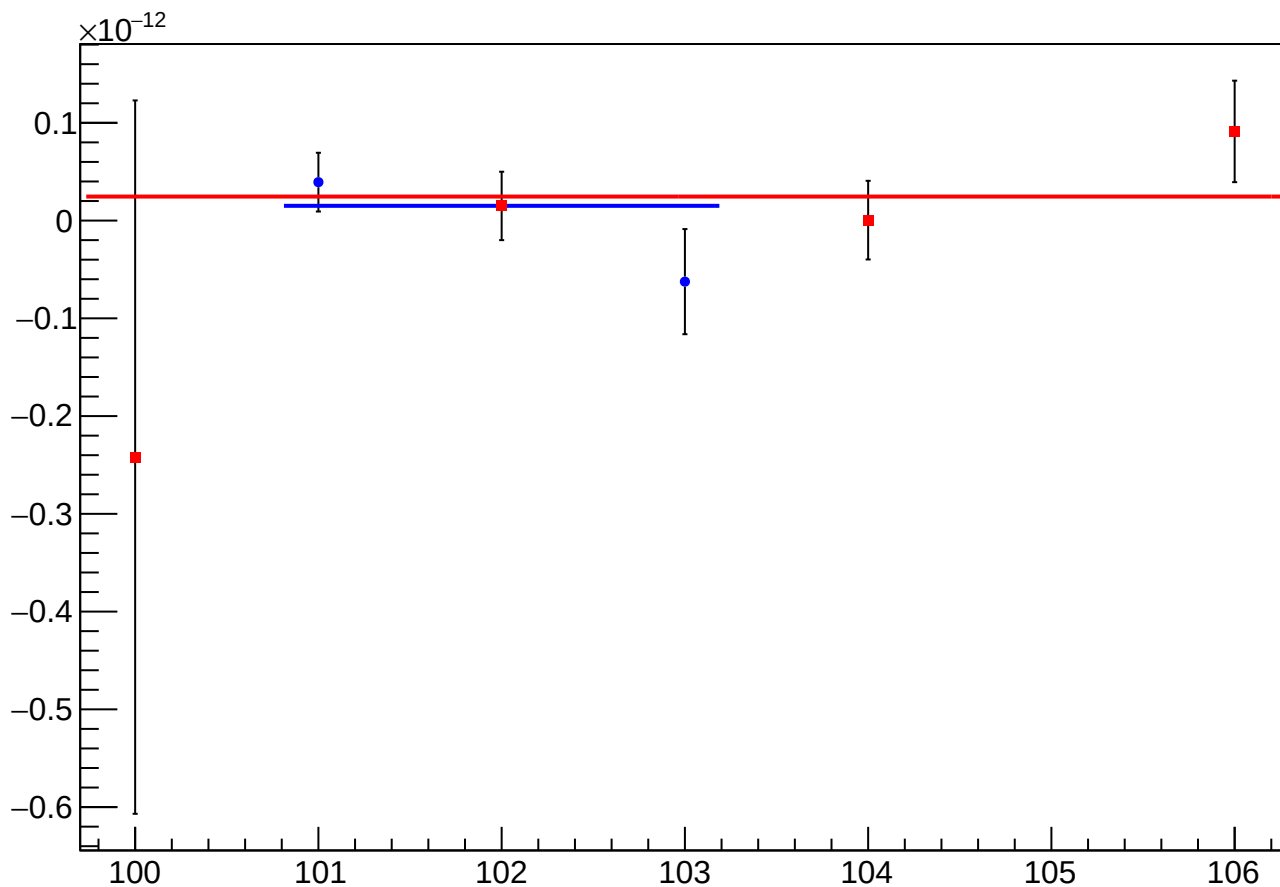
Right: 632.814+/-0.277 χ^2/NDF : 261662.3/5

In: 727.268+/-0.462 χ^2/NDF : 4045.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.814+/-0.277 χ^2/NDF : 261662.3/5

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

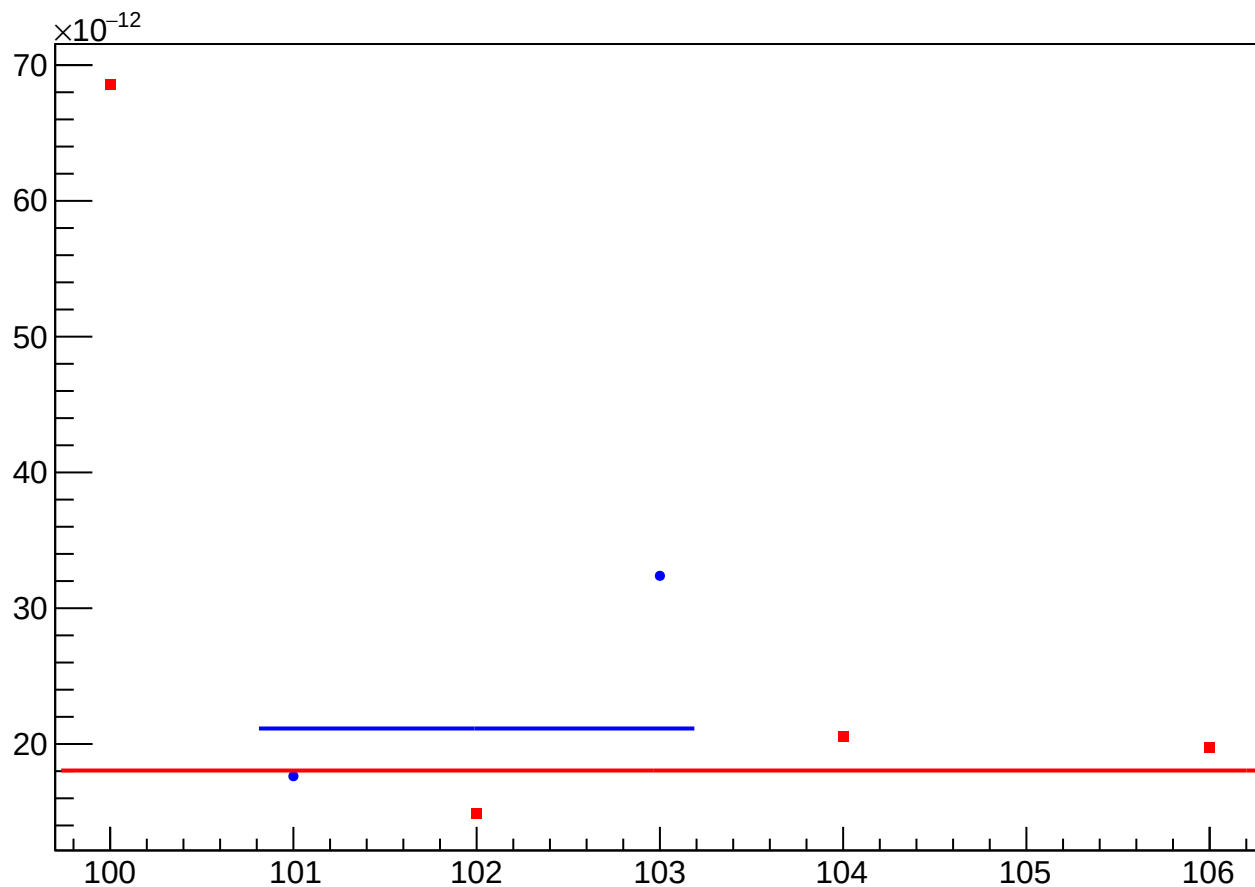
Right: 0.000+/-0.000 χ^2/NDF : 5.4/5

In: 0.000+/-0.000 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.4/5

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 114751.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 64850.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

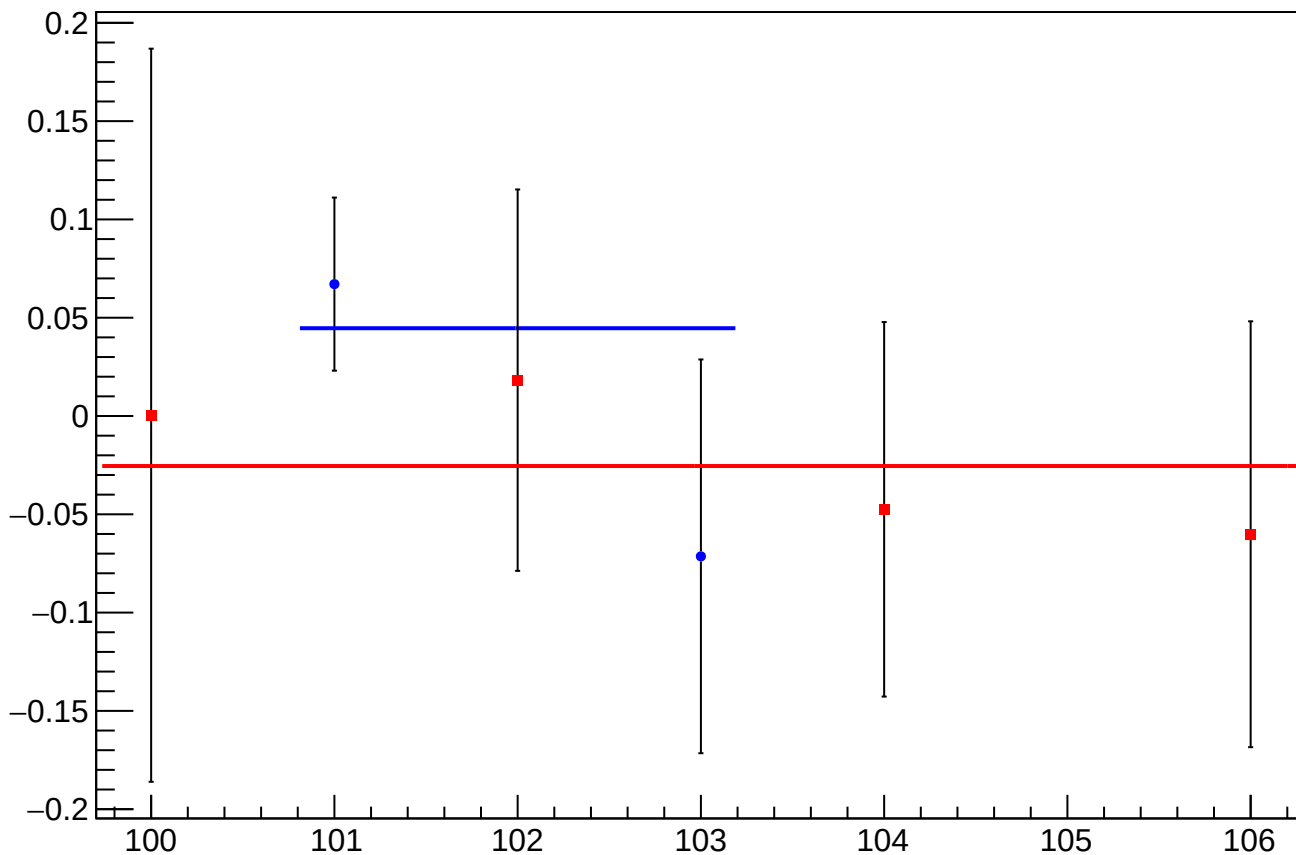
Right: 0.000+/-0.000 χ^2/NDF : 195058.7/5

In: 0.000+/-0.000 χ^2/NDF : 114751.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 195058.7/5

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.055 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

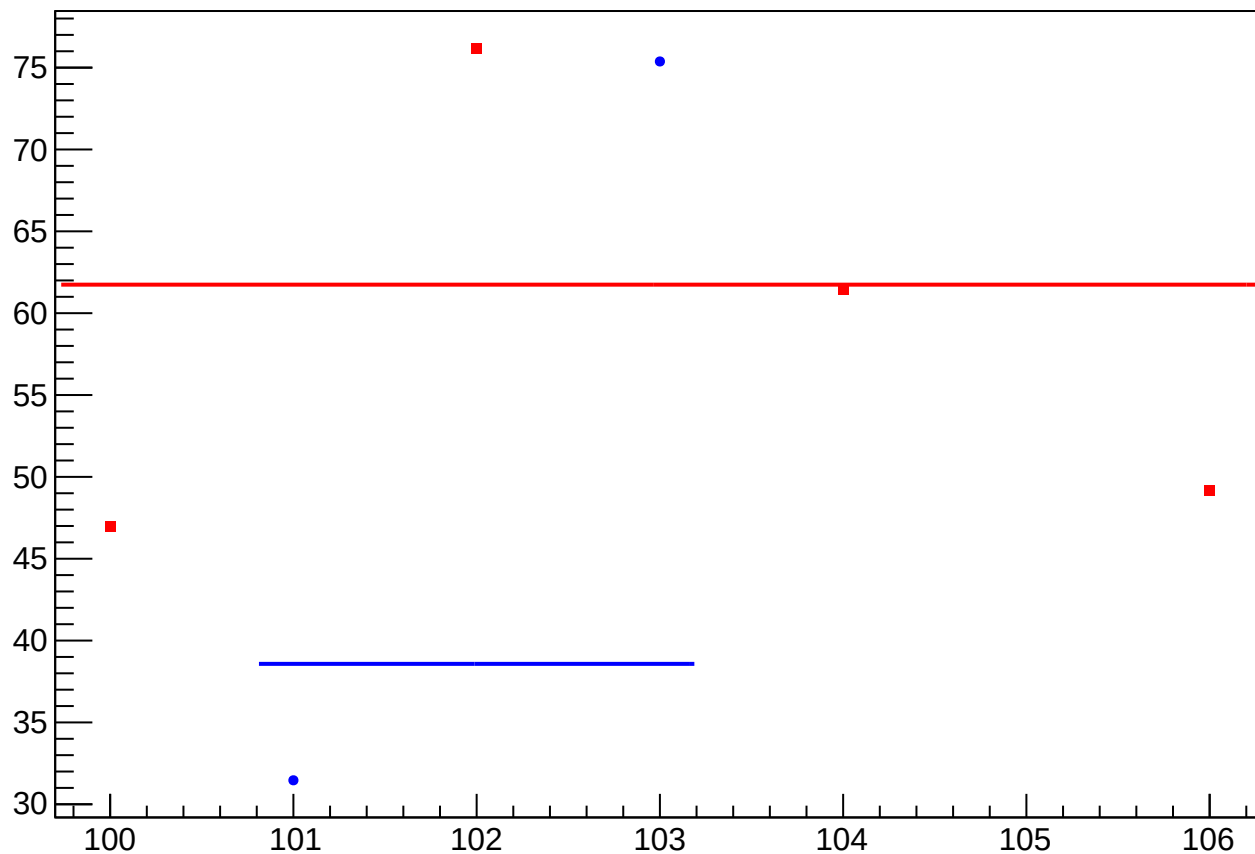
Right: 0.020+/-0.033 χ^2/NDF : 3.0/5

In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.033 χ^2/NDF : 3.0/5

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.743+/-0.039 χ^2/NDF : 83669.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

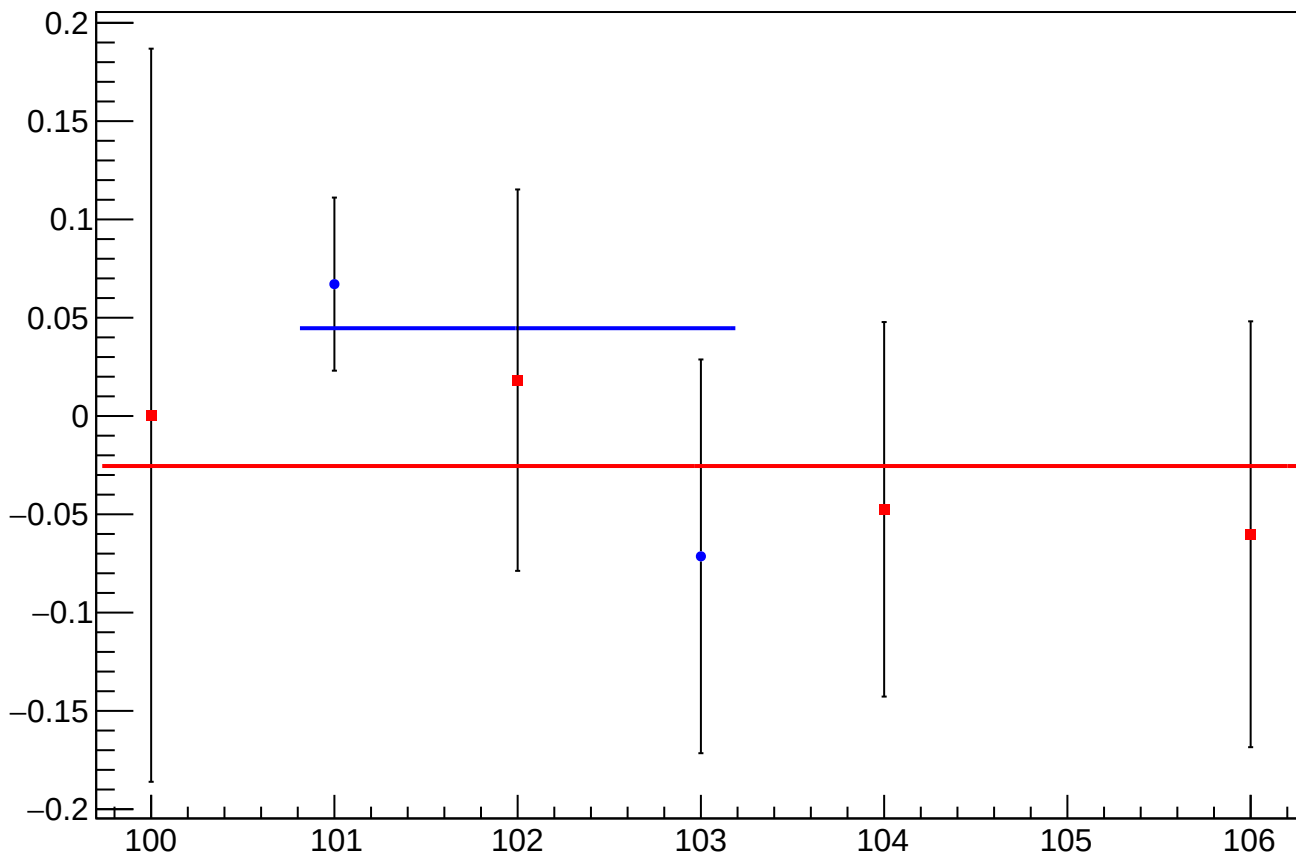
Right: 46.668+/-0.023 χ^2/NDF : 636708.3/5

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.668+/-0.023 χ^2/NDF : 636708.3/5

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.055 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

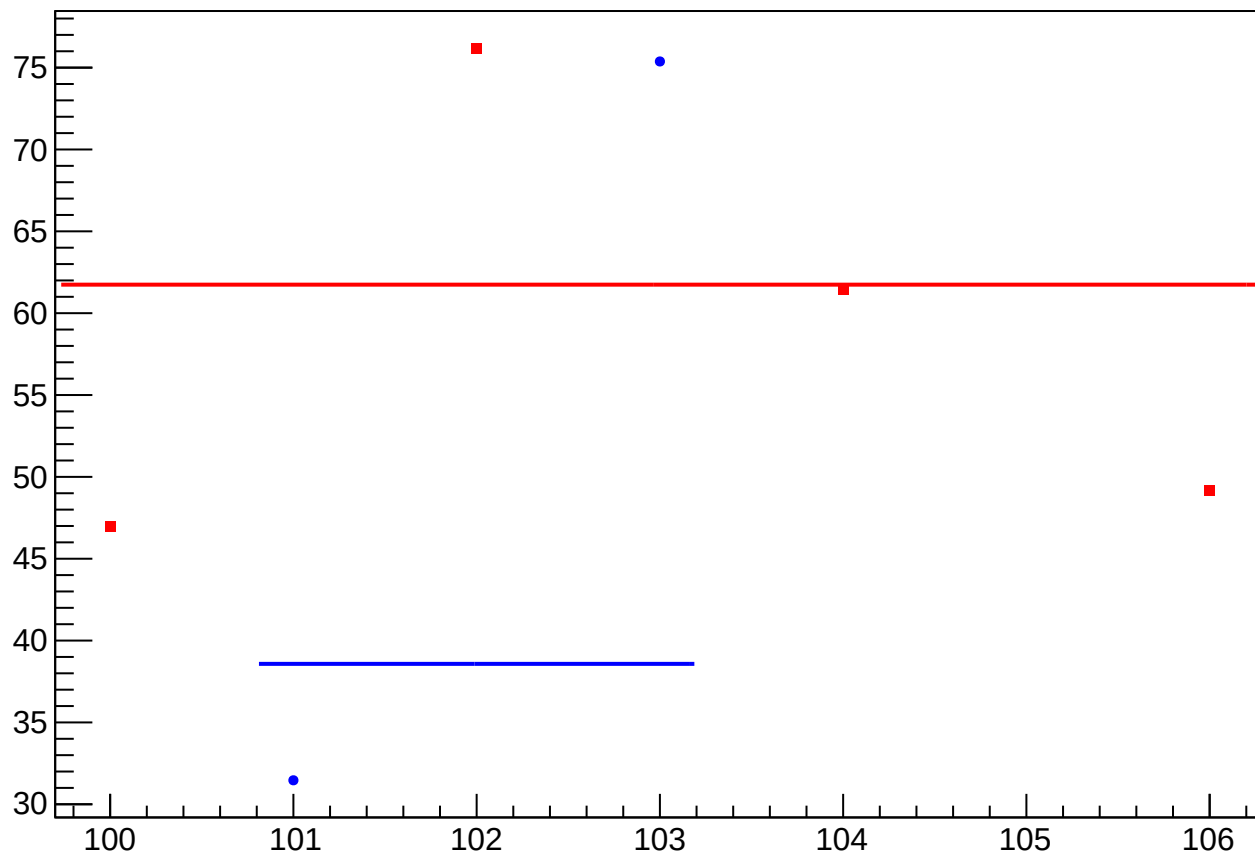
Right: 0.020+/-0.033 χ^2/NDF : 3.0/5

In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.033 χ^2/NDF : 3.0/5

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.743+/-0.039 χ^2/NDF : 83669.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

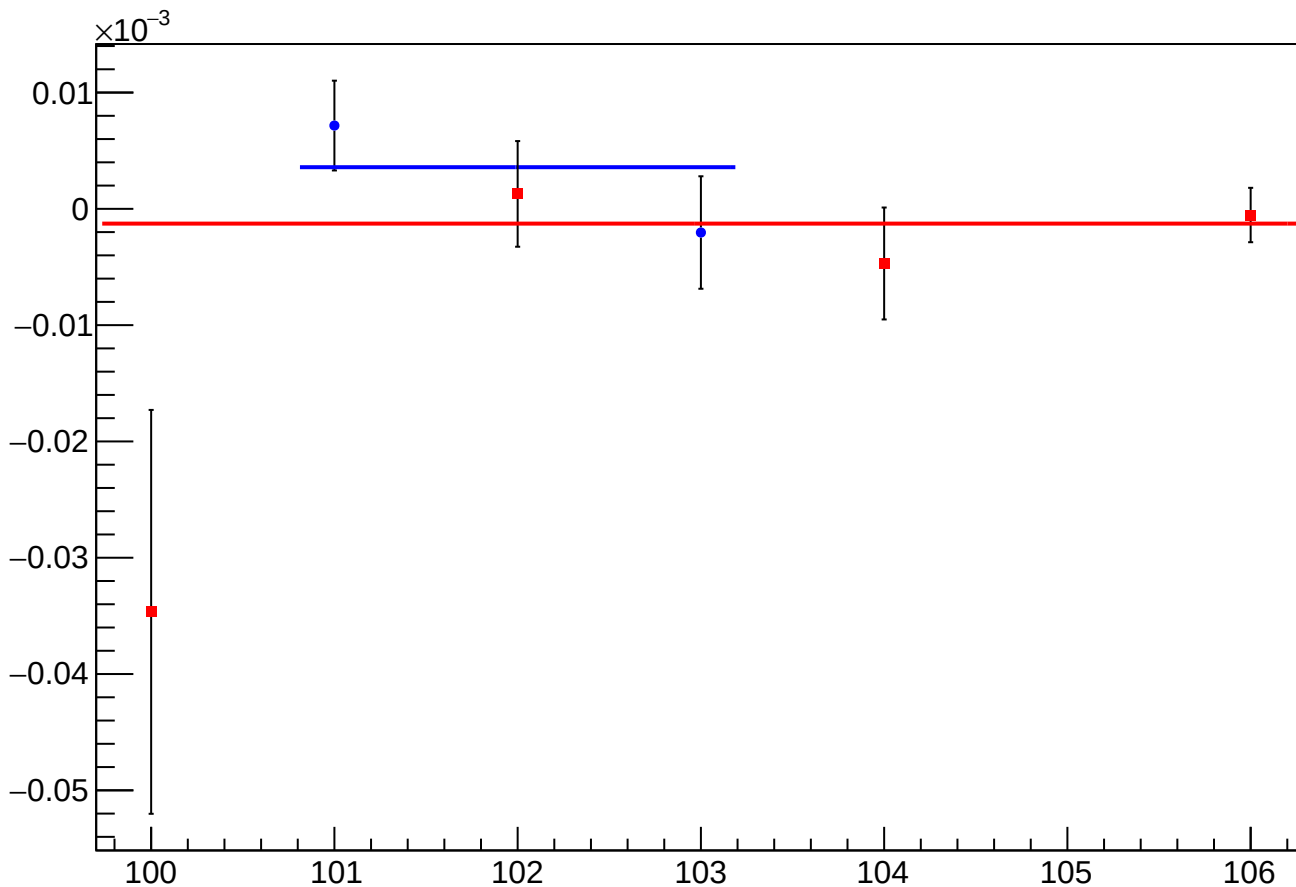
Right: 46.668+/-0.023 χ^2/NDF : 636708.3/5

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.668+/-0.023 χ^2/NDF : 636708.3/5

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

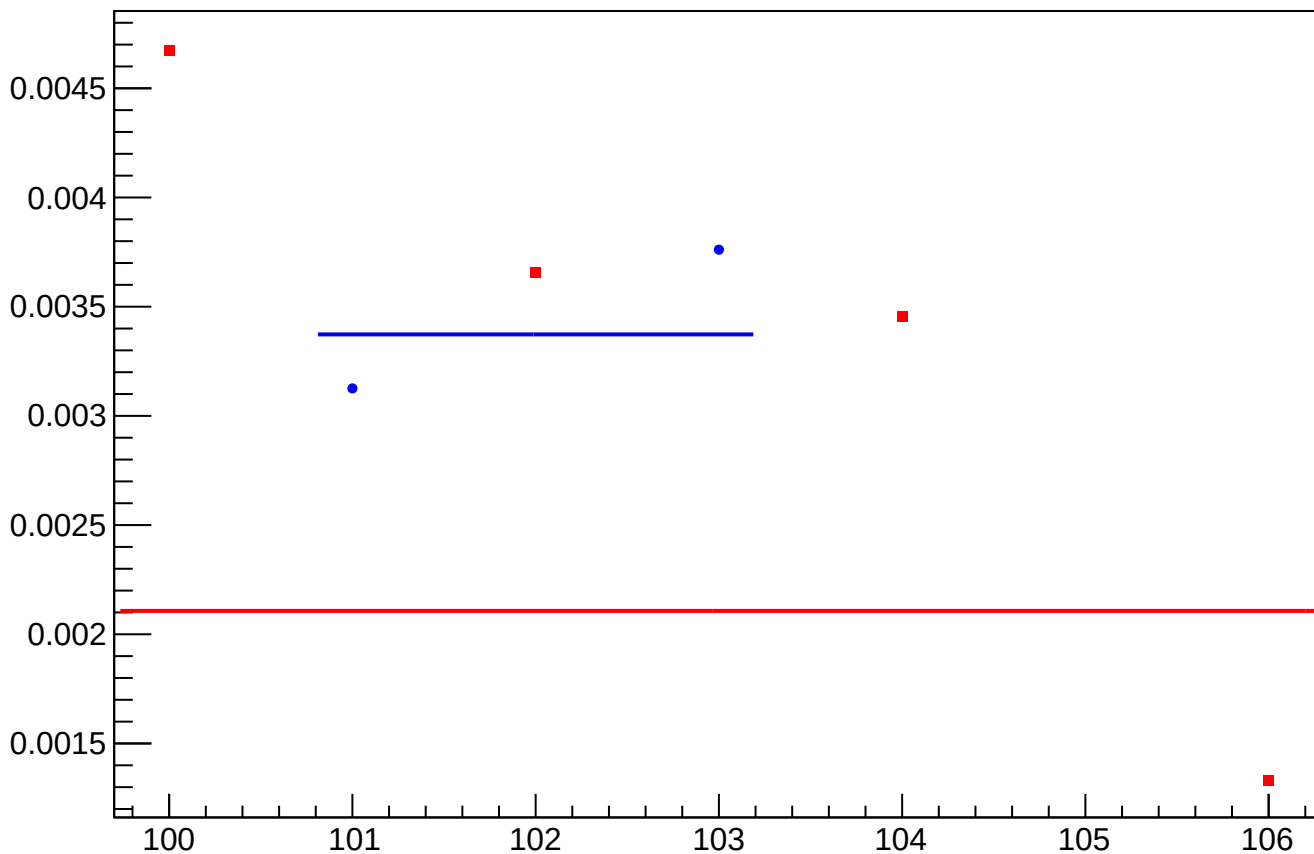
Right: 0.000+/-0.000 χ^2/NDF : 8.7/5

In: 0.000+/-0.000 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.7/5

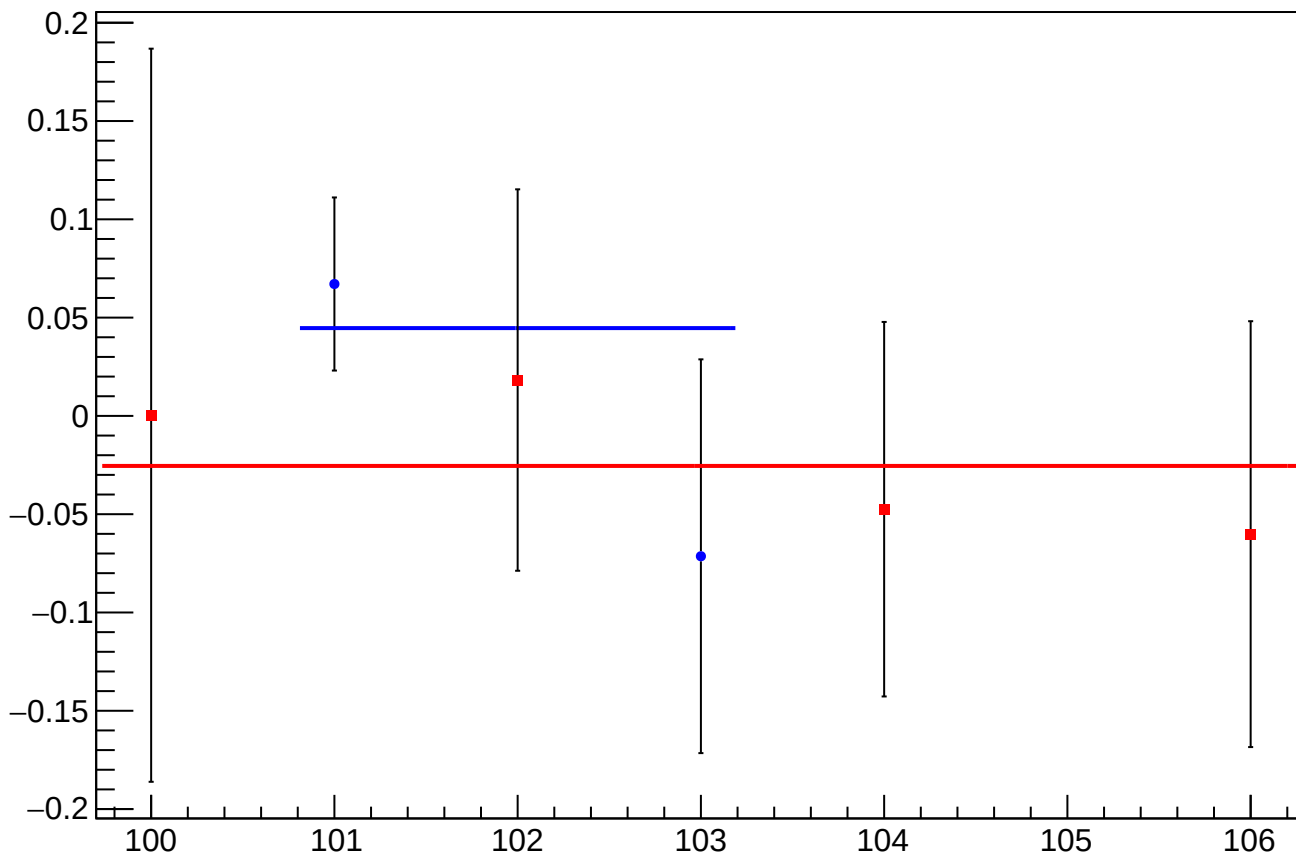
asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 21066.3/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 654538.3/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 928057.5/5
 In: 0.003+/-0.000 χ^2/NDF :21066.3/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 928057.5/5

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.055 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

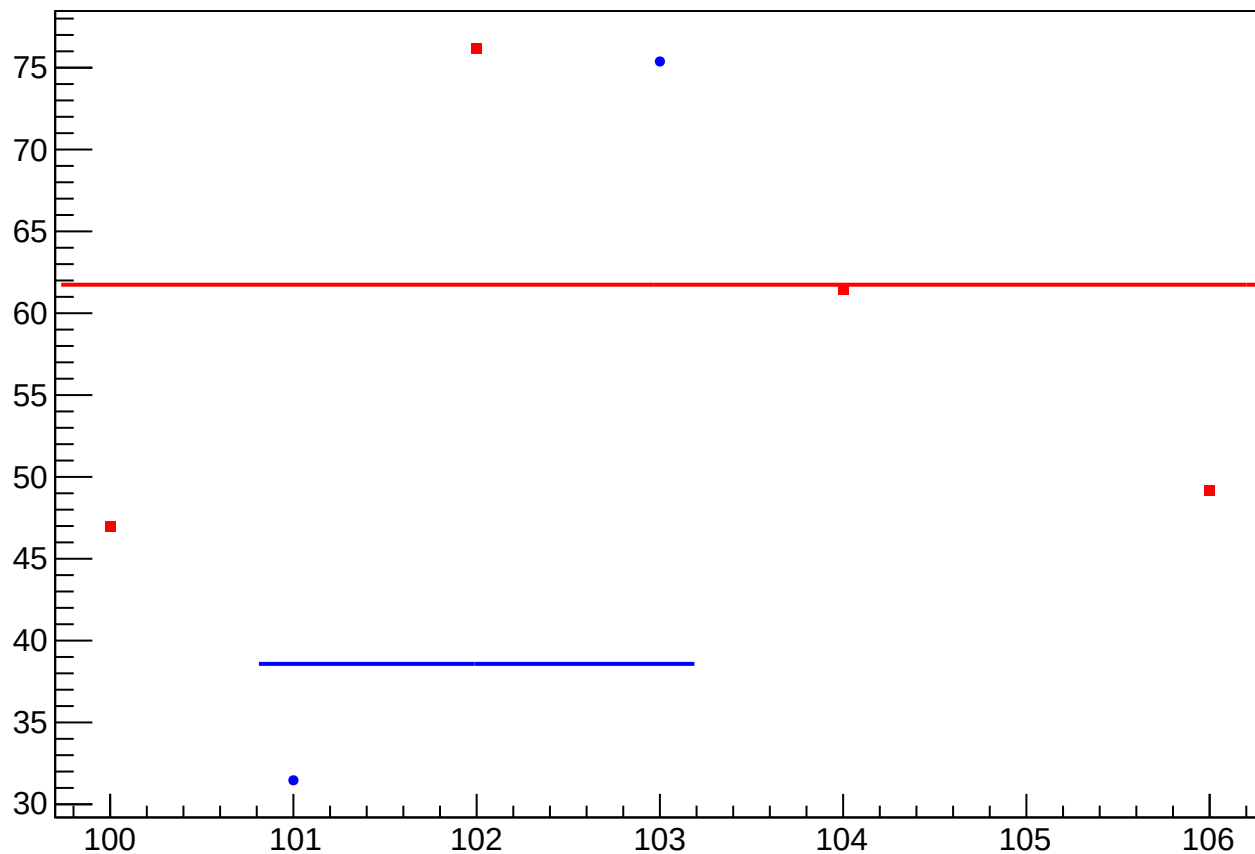
Right: 0.020 $\pm$ 0.033 χ^2 /NDF: 3.0/5

In: 0.045 $\pm$ 0.040 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.033 χ^2 /NDF: 3.0/5

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.743+/-0.039 χ^2/NDF : 83679.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

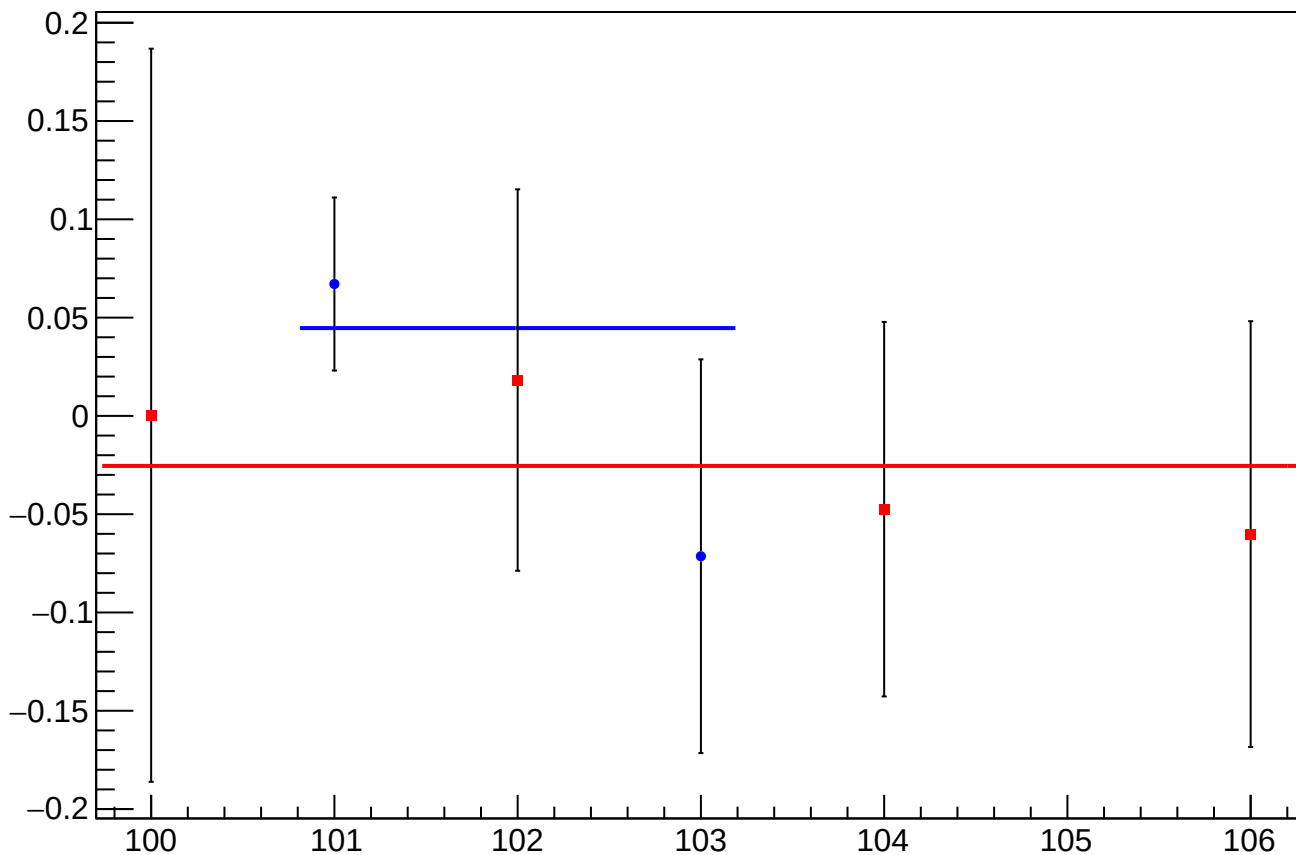
Right: 46.670+/-0.023 χ^2/NDF : 636682.0/5

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.670+/-0.023 χ^2/NDF : 636682.0/5

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.040 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.055 χ^2 /NDF: 0.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

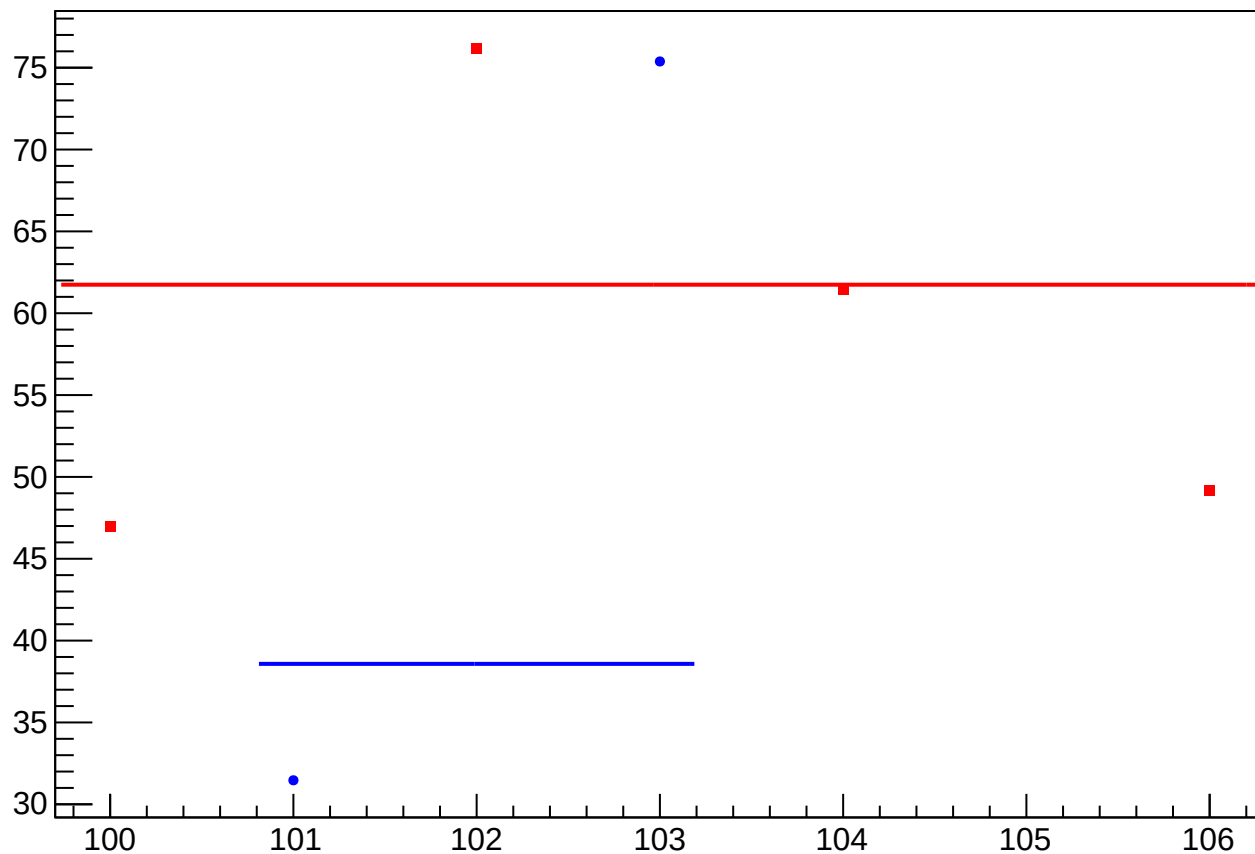
Right: 0.020 $\pm$ 0.033 χ^2 /NDF: 3.0/5

In: 0.045 $\pm$ 0.040 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.033 χ^2 /NDF: 3.0/5

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.743+/-0.039 χ^2/NDF : 83679.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

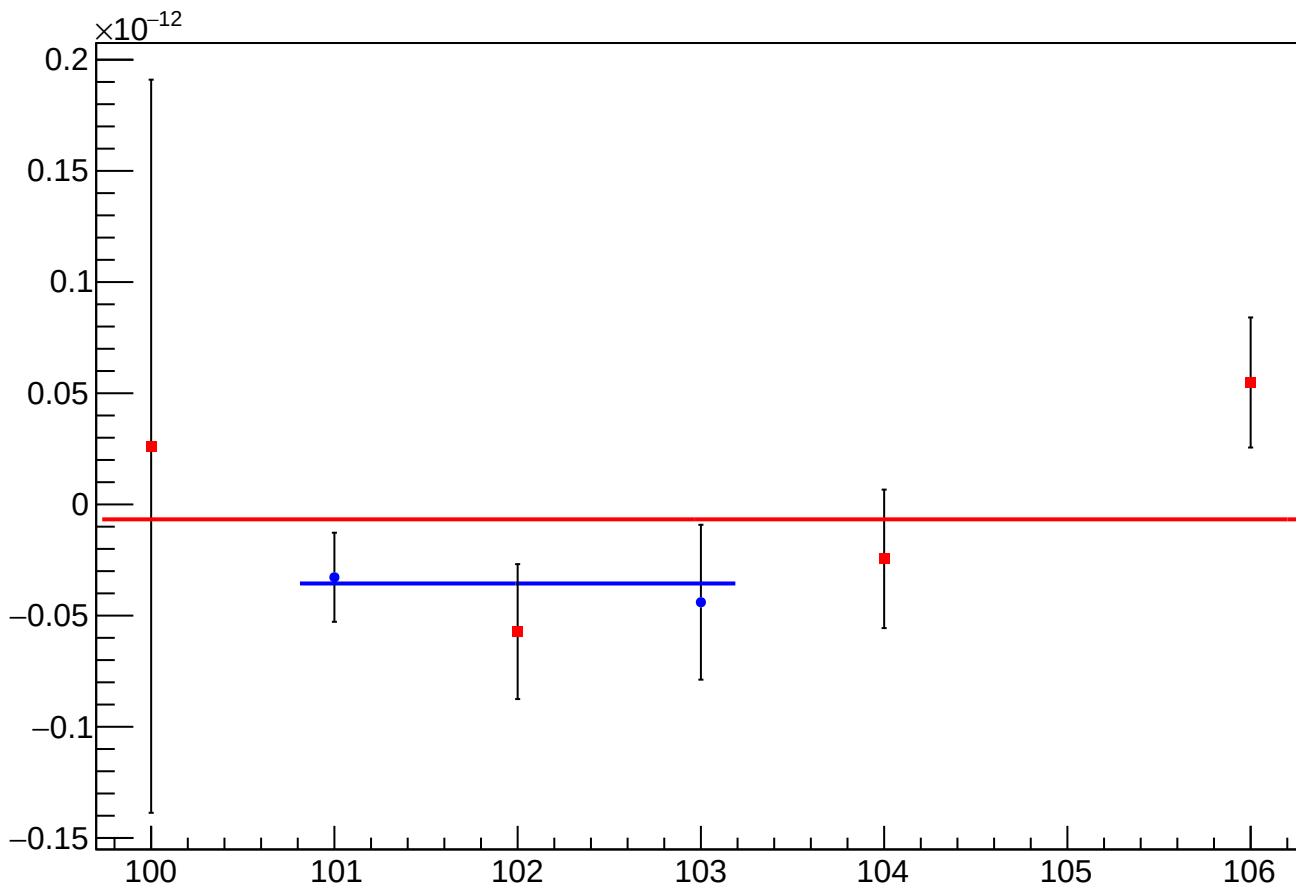
Right: 46.670+/-0.023 χ^2/NDF : 636682.0/5

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.670+/-0.023 χ^2/NDF : 636682.0/5

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

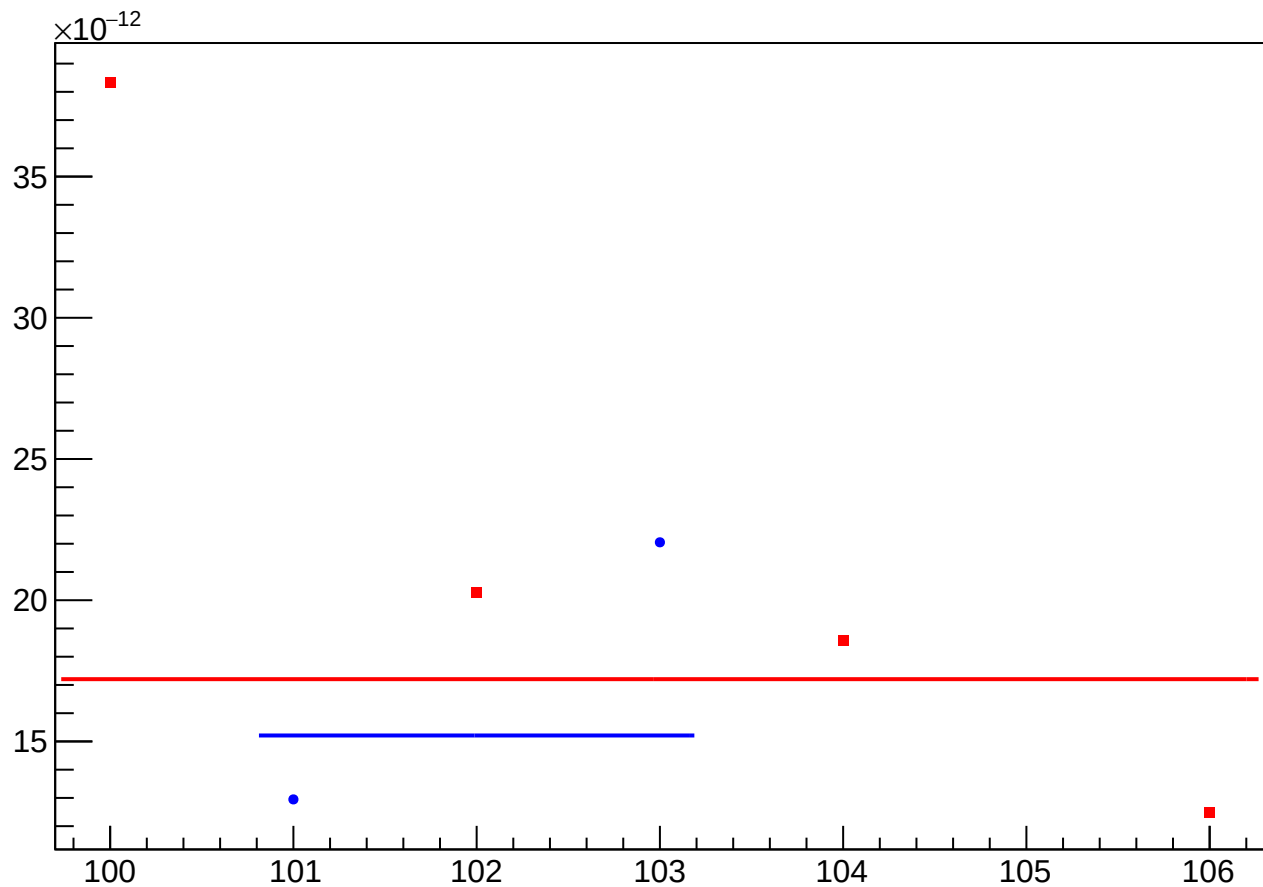
Right: -0.000+/-0.000 χ^2/NDF : 9.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.0/5

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 102679.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 108912.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

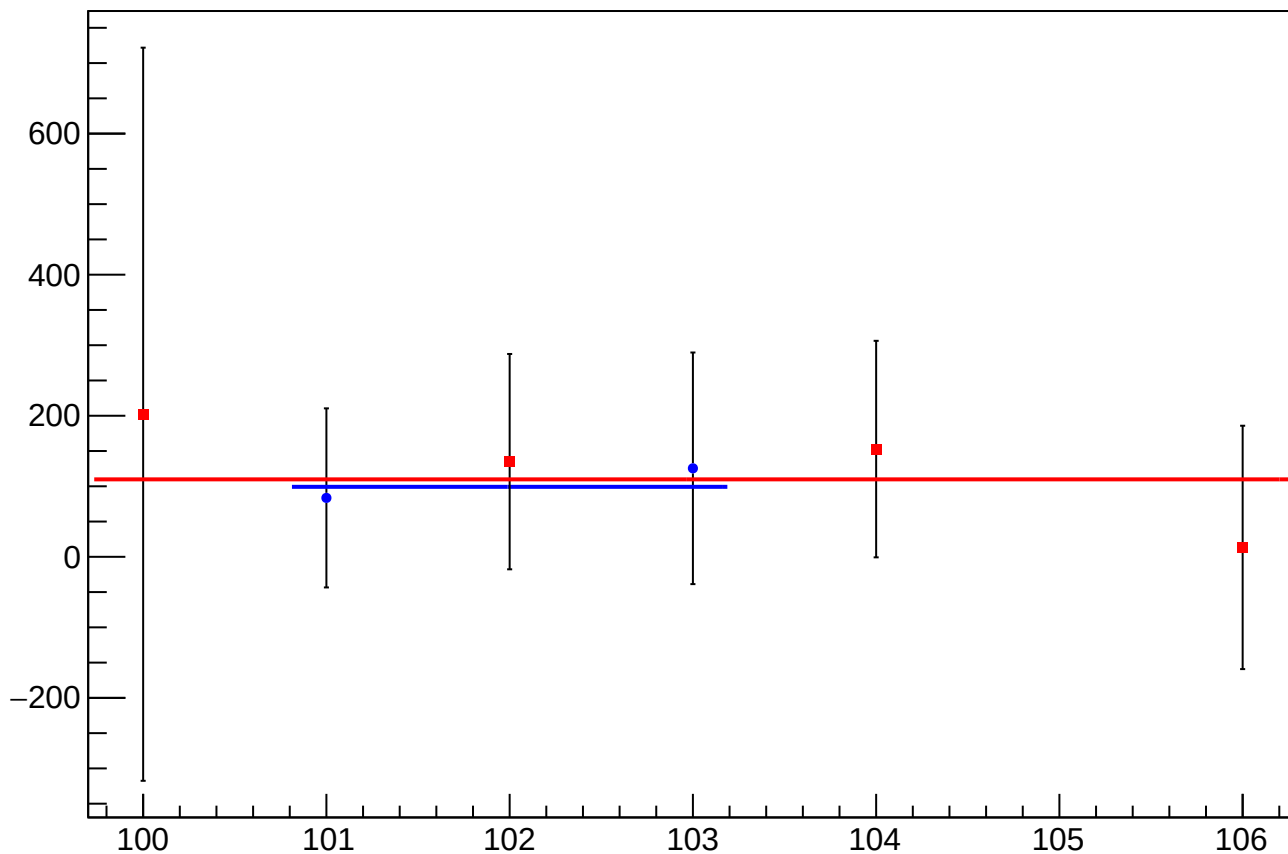
Right: 0.000+/-0.000 χ^2/NDF : 224792.8/5

In: 0.000+/-0.000 χ^2/NDF : 102679.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 224792.8/5

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.221+/-100.427 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.812+/-90.289 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

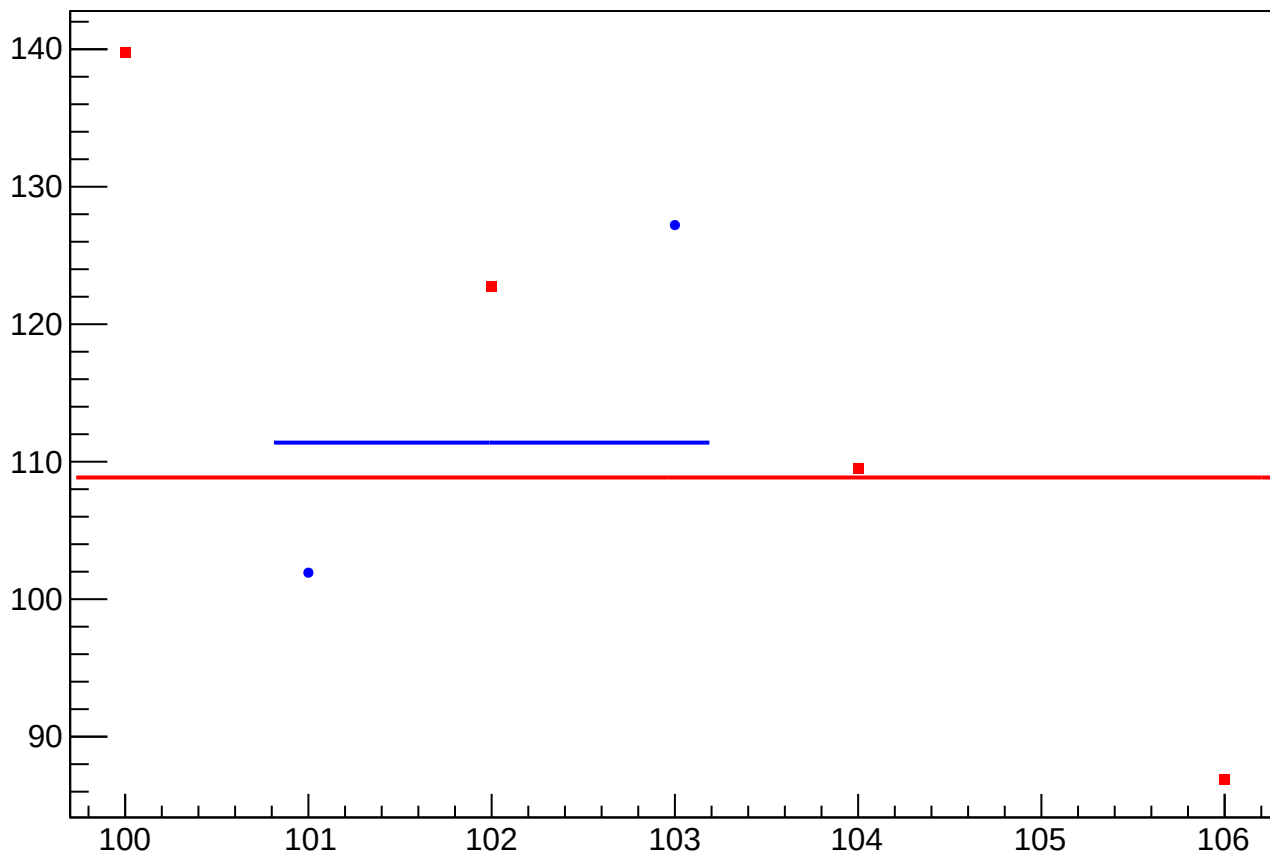
Right: 105.078+/-67.143 χ^2/NDF : 0.5/5

In: 99.221+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.078+/-67.143 χ^2/NDF : 0.5/5

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388+/-0.071 χ^2/NDF : 29686.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.852+/-0.064 χ^2/NDF : 56017.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

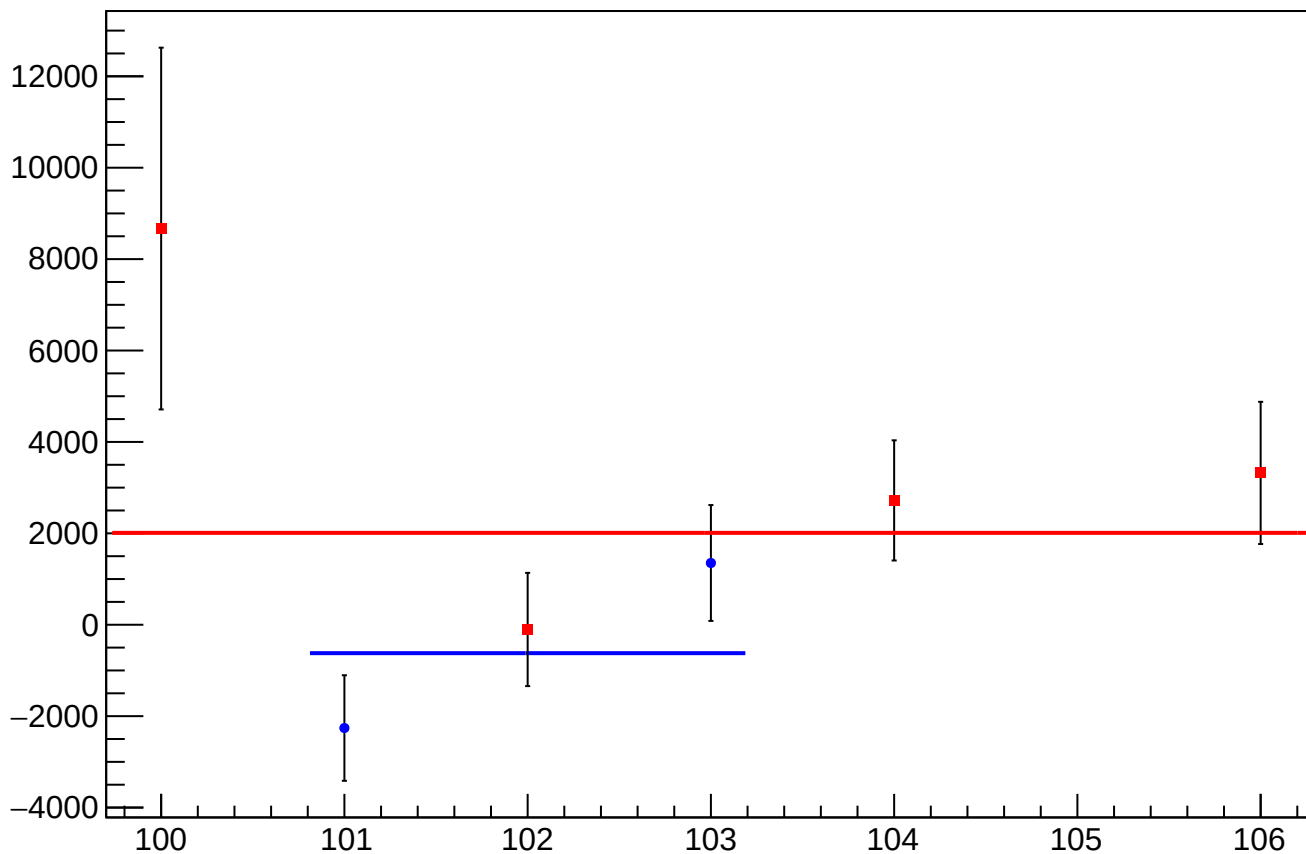
Right: 109.986+/-0.047 χ^2/NDF : 86408.7/5

In: 111.388+/-0.071 χ^2/NDF : 29686.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.986+/-0.047 χ^2/NDF : 86408.7/5

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -621.704+/-853.533 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2010.644+/-765.351 χ^2/NDF : 6.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

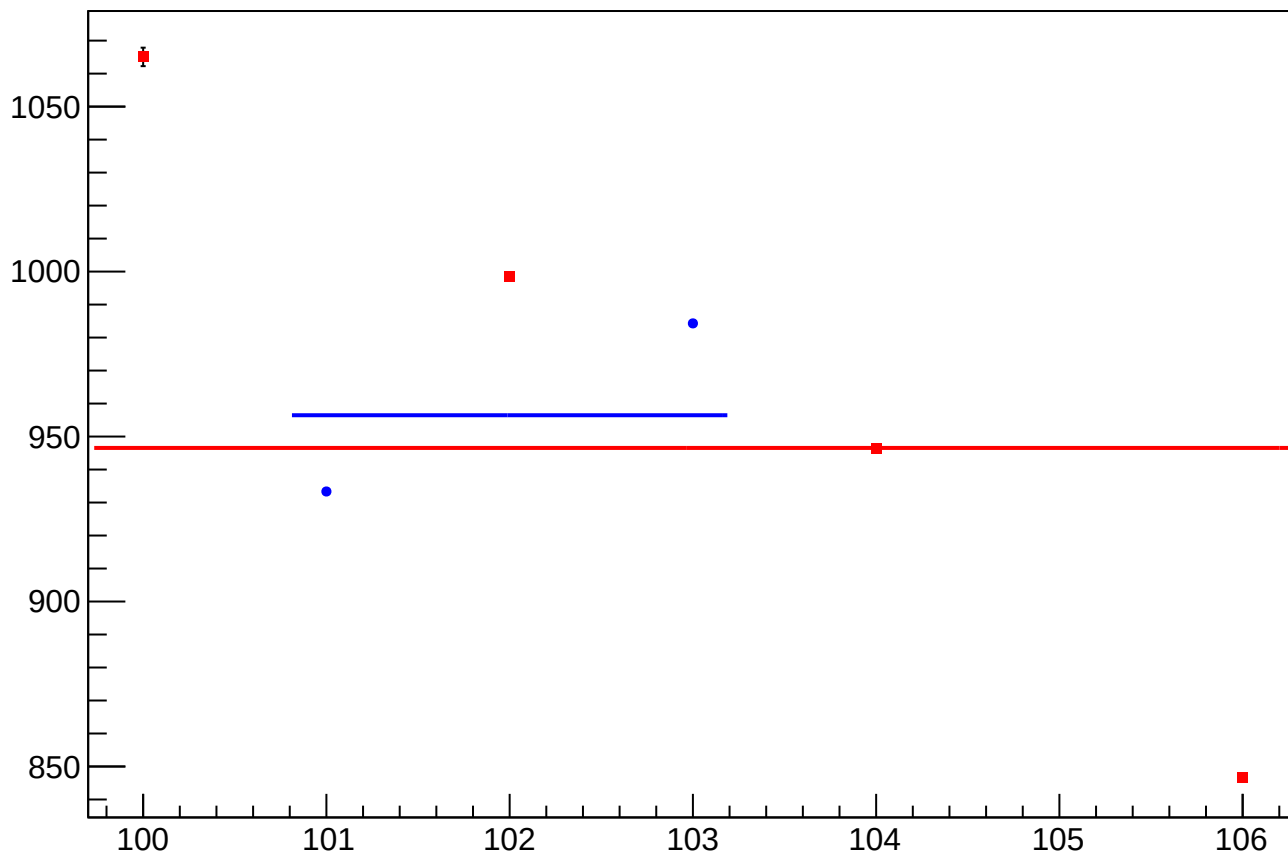
Right: 837.433+/-569.819 χ^2/NDF : 16.5/5

In: -621.704+/-853.533 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.433+/-569.819 χ^2/NDF : 16.5/5

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 956.460 ± 0.604 χ^2/NDF : 1766.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 946.551 ± 0.541 χ^2/NDF : 13530.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

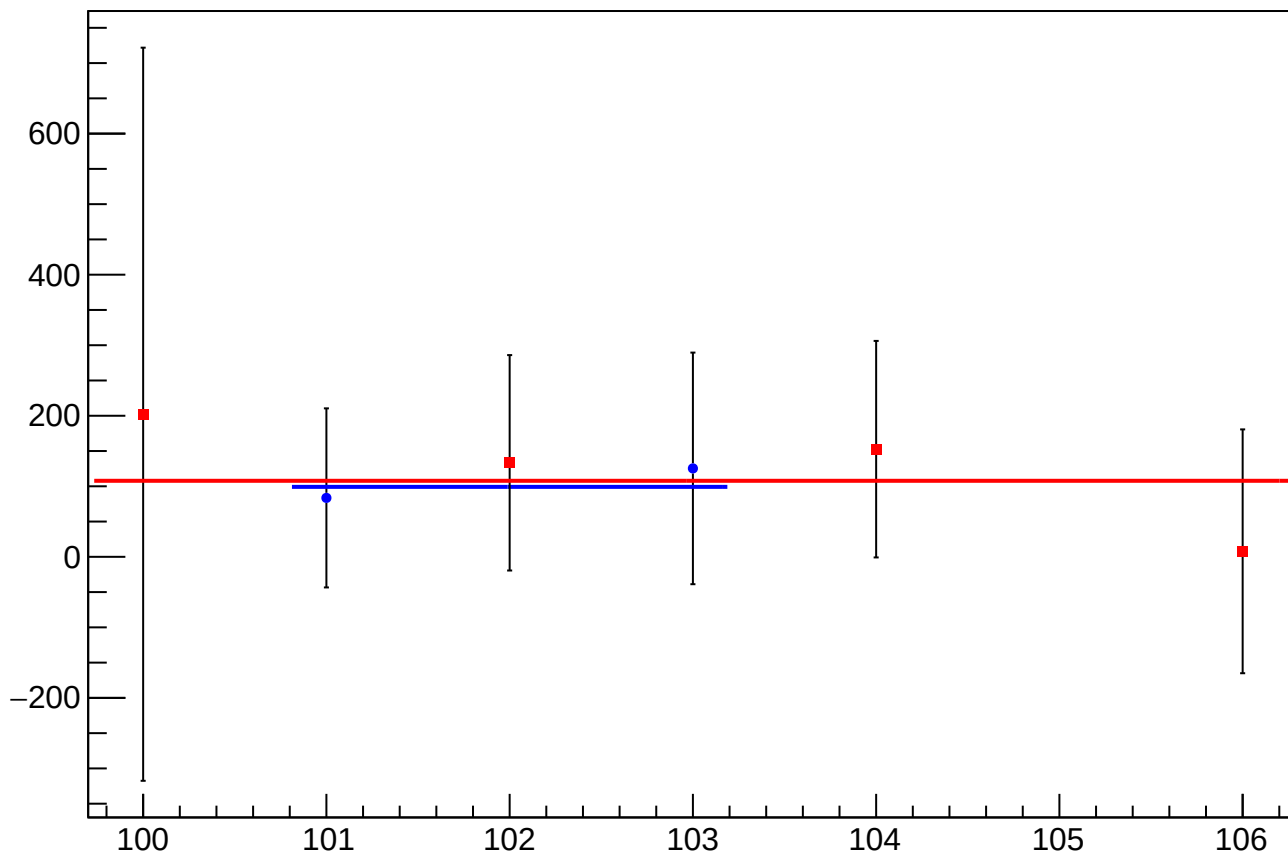
Right: 950.967 ± 0.403 χ^2/NDF : 15446.5/5

In: 956.460 ± 0.604 χ^2/NDF : 1766.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 950.967 ± 0.403 χ^2/NDF : 15446.5/5

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.789+/-90.349 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

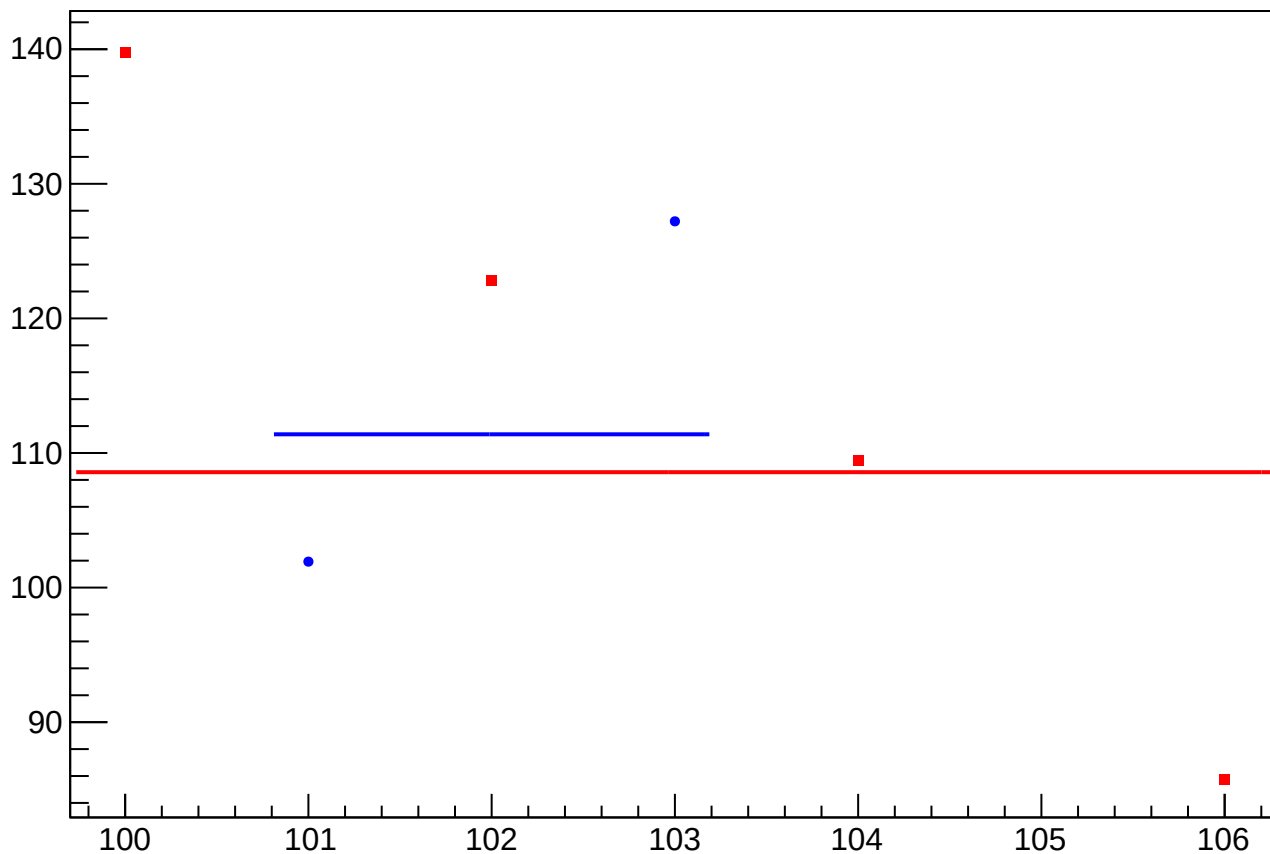
Right: 103.940+/-67.168 χ^2/NDF : 0.5/5

In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.940+/-67.168 χ^2/NDF : 0.5/5

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.574+/-0.064 χ^2/NDF : 59427.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

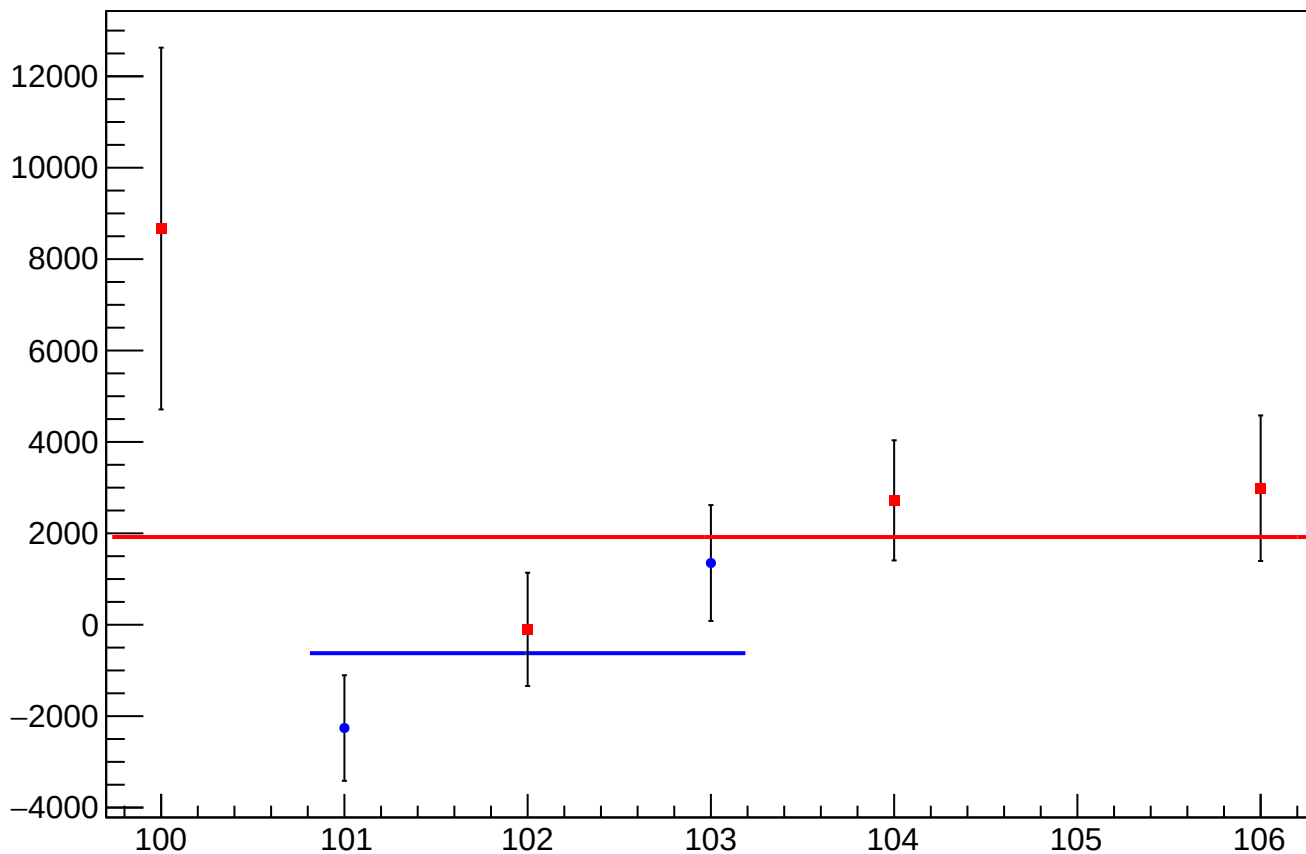
Right: 109.833+/-0.047 χ^2/NDF : 89982.6/5

In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.833+/-0.047 χ^2/NDF : 89982.6/5

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.465+/-769.731 χ^2/NDF : 6.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

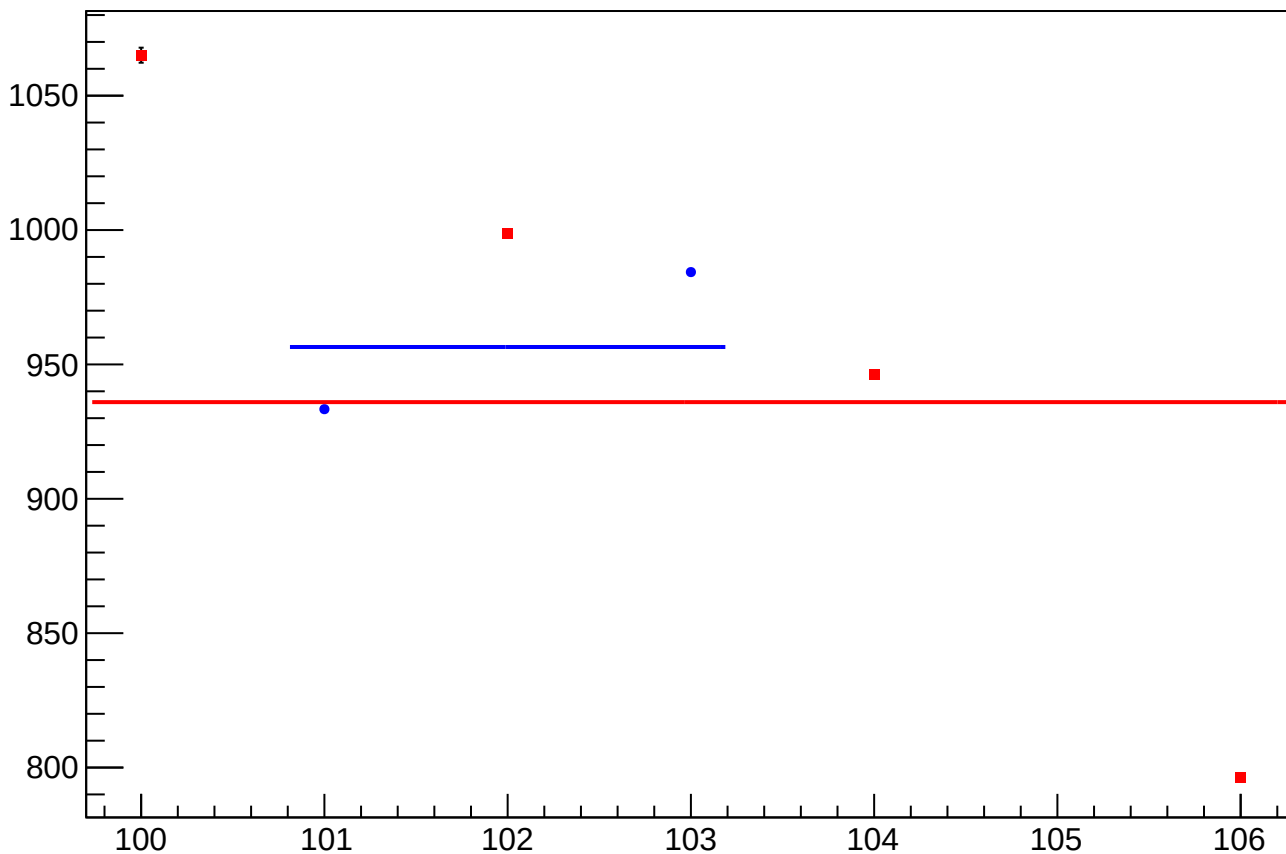
Right: 779.585+/-571.627 χ^2/NDF : 15.7/5

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.585+/-571.627 χ^2/NDF : 15.7/5

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 935.973+/-0.544 χ^2/NDF : 22788.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

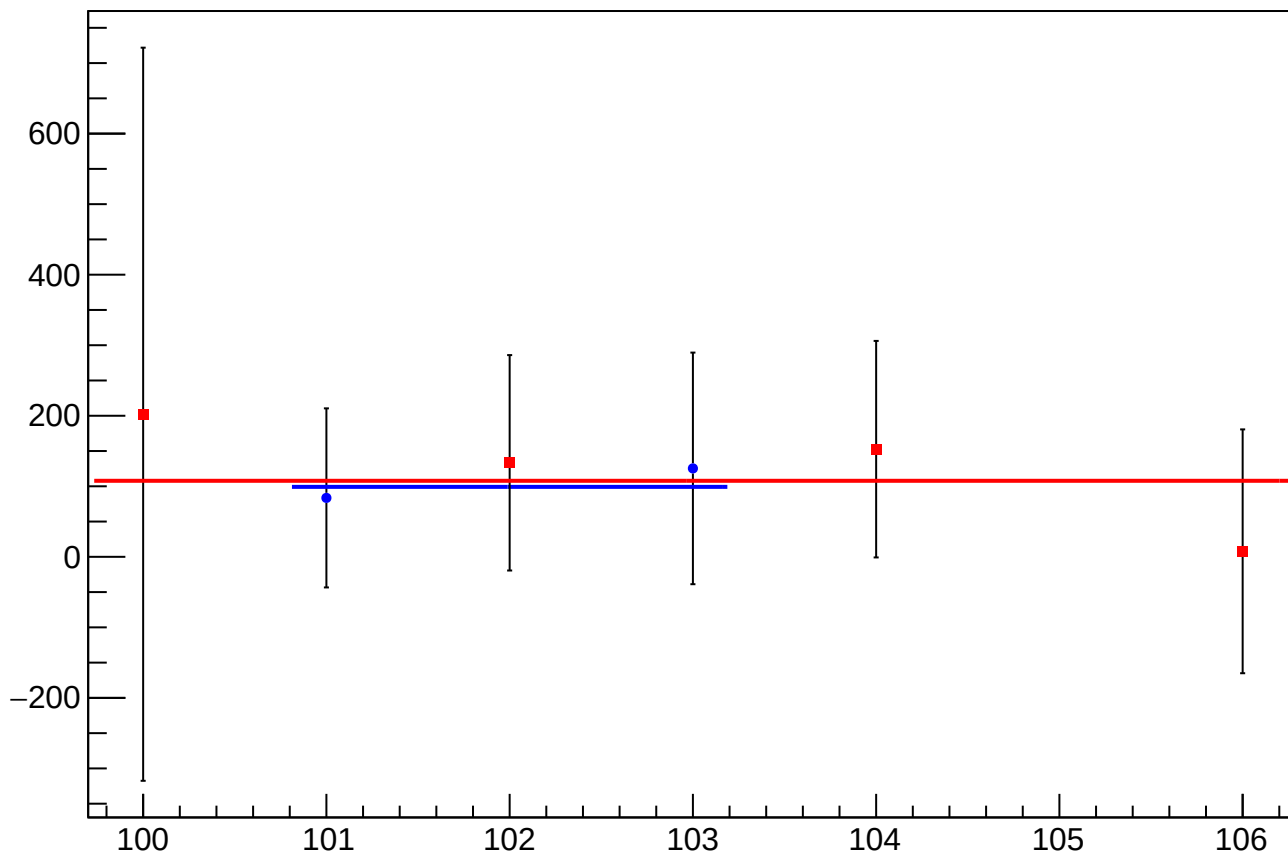
Right: 945.173+/-0.404 χ^2/NDF : 25196.0/5

In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.173+/-0.404 χ^2/NDF : 25196.0/5

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.789+/-90.349 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

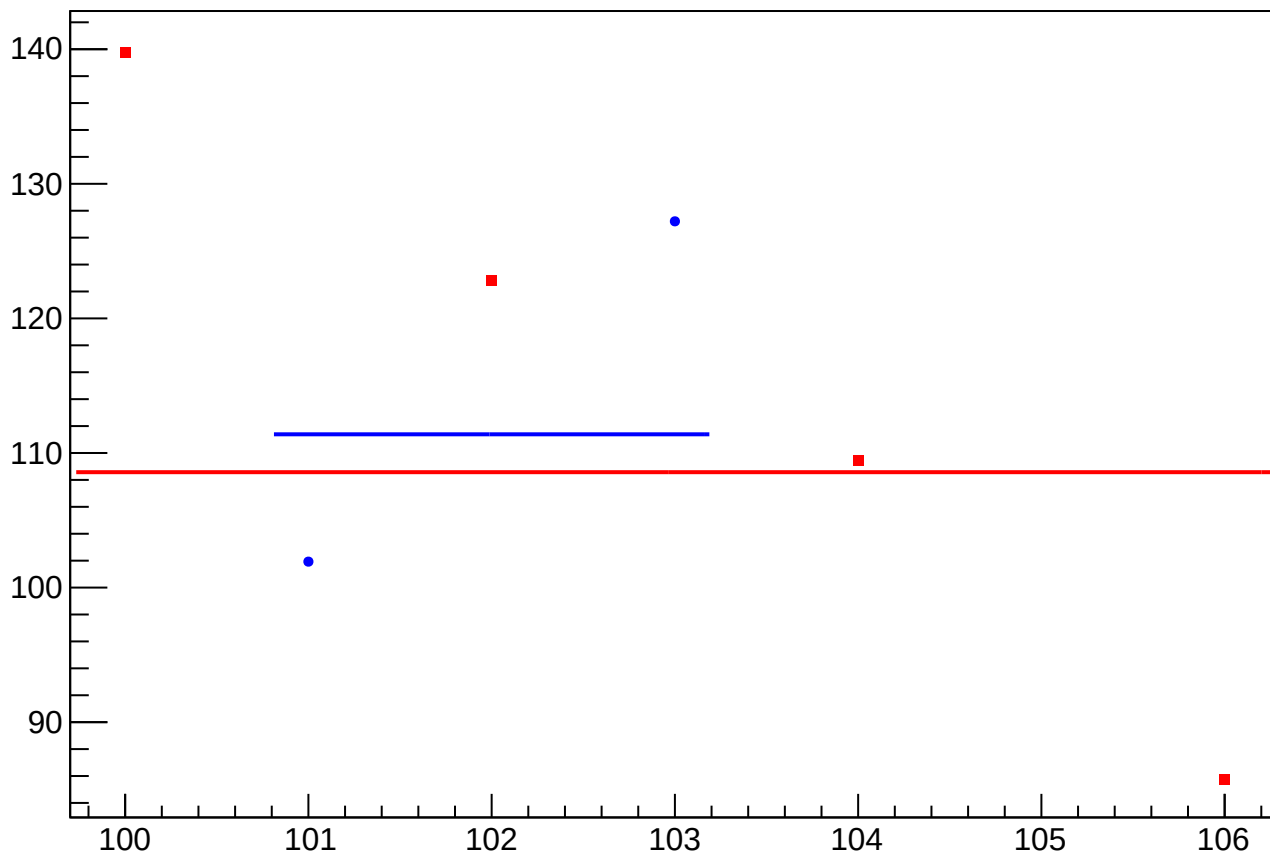
Right: 103.940+/-67.168 χ^2/NDF : 0.5/5

In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.940+/-67.168 χ^2/NDF : 0.5/5

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.574+/-0.064 χ^2/NDF : 59427.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

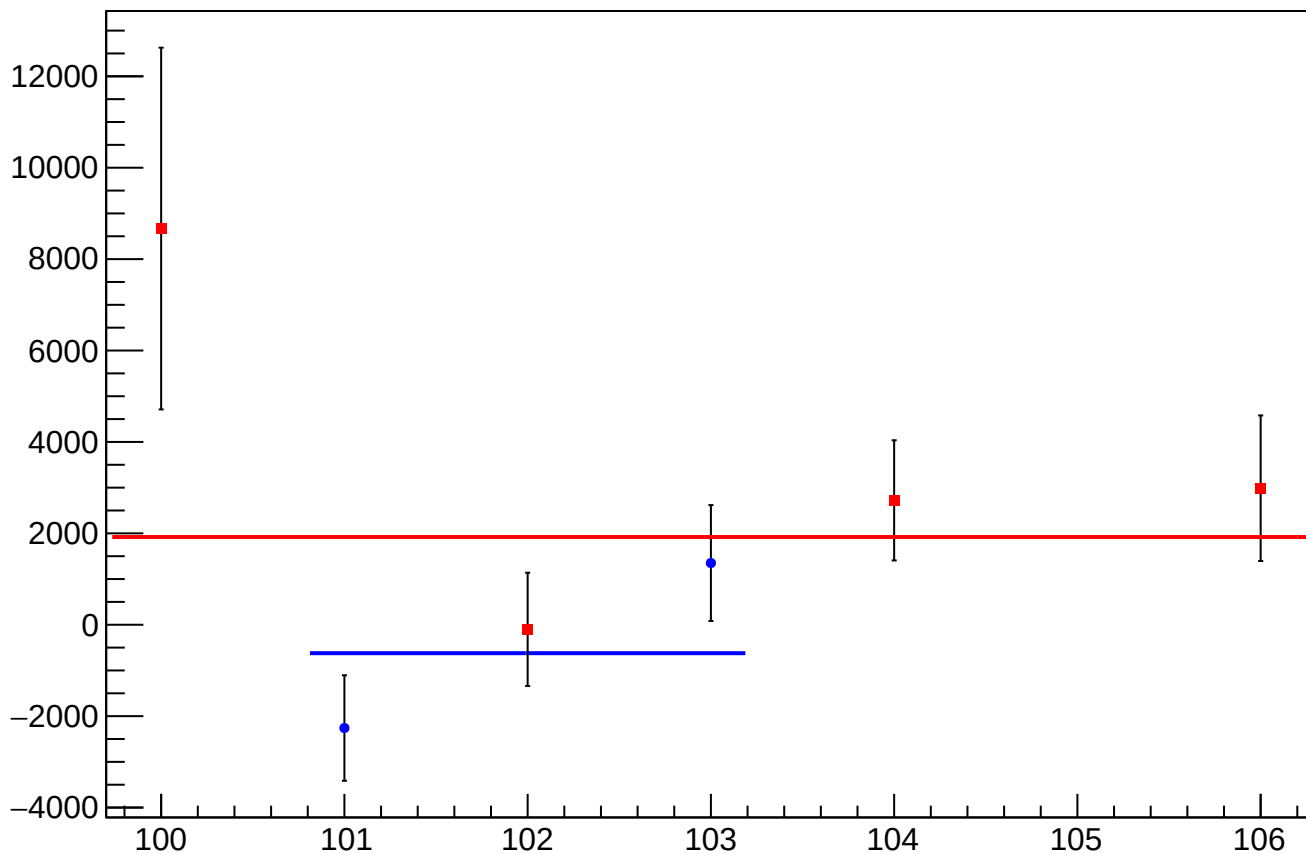
Right: 109.833+/-0.047 χ^2/NDF : 89982.6/5

In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.833+/-0.047 χ^2/NDF : 89982.6/5

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.465+/-769.731 χ^2/NDF : 6.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

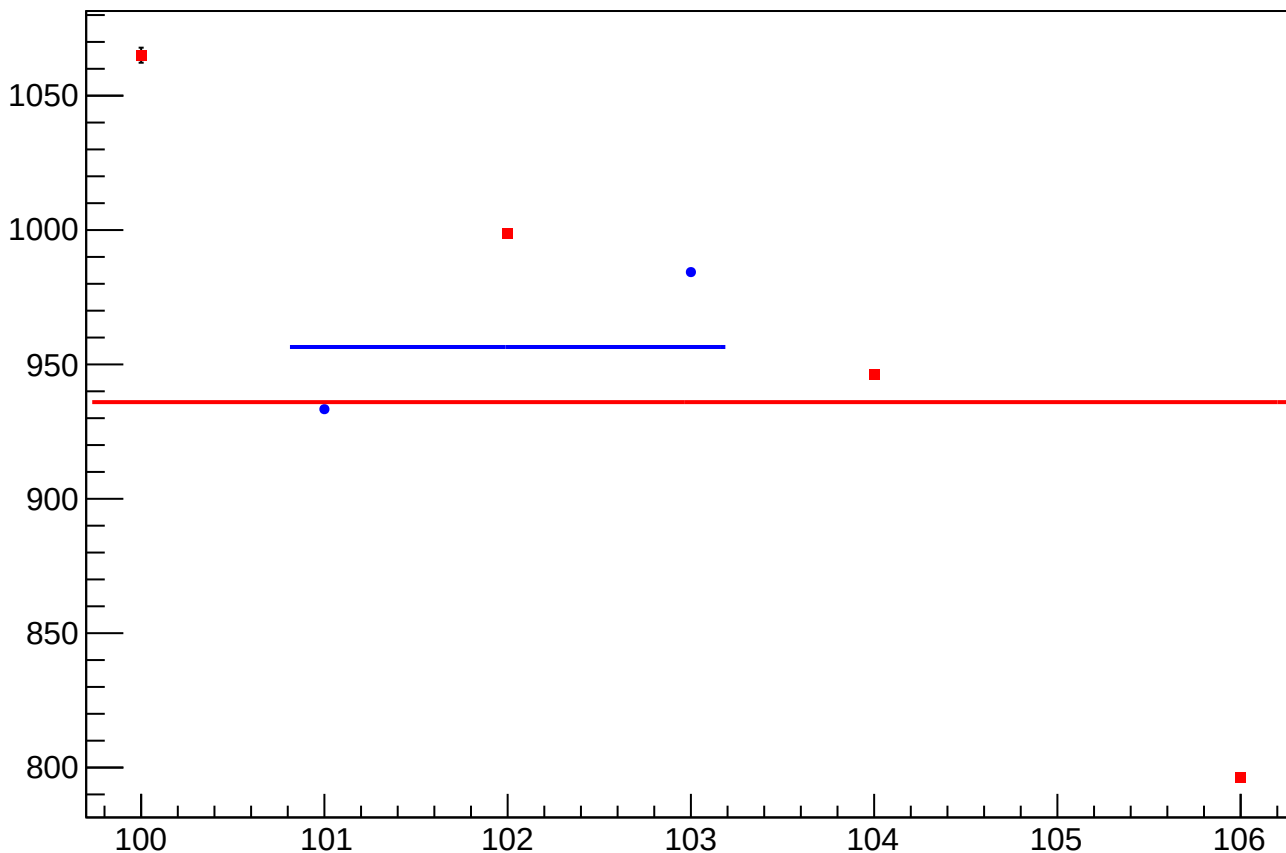
Right: 779.585+/-571.627 χ^2/NDF : 15.7/5

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.585+/-571.627 χ^2/NDF : 15.7/5

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 956.486 ± 0.604 χ^2/NDF : 1770.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 935.973 ± 0.544 χ^2/NDF : 22788.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

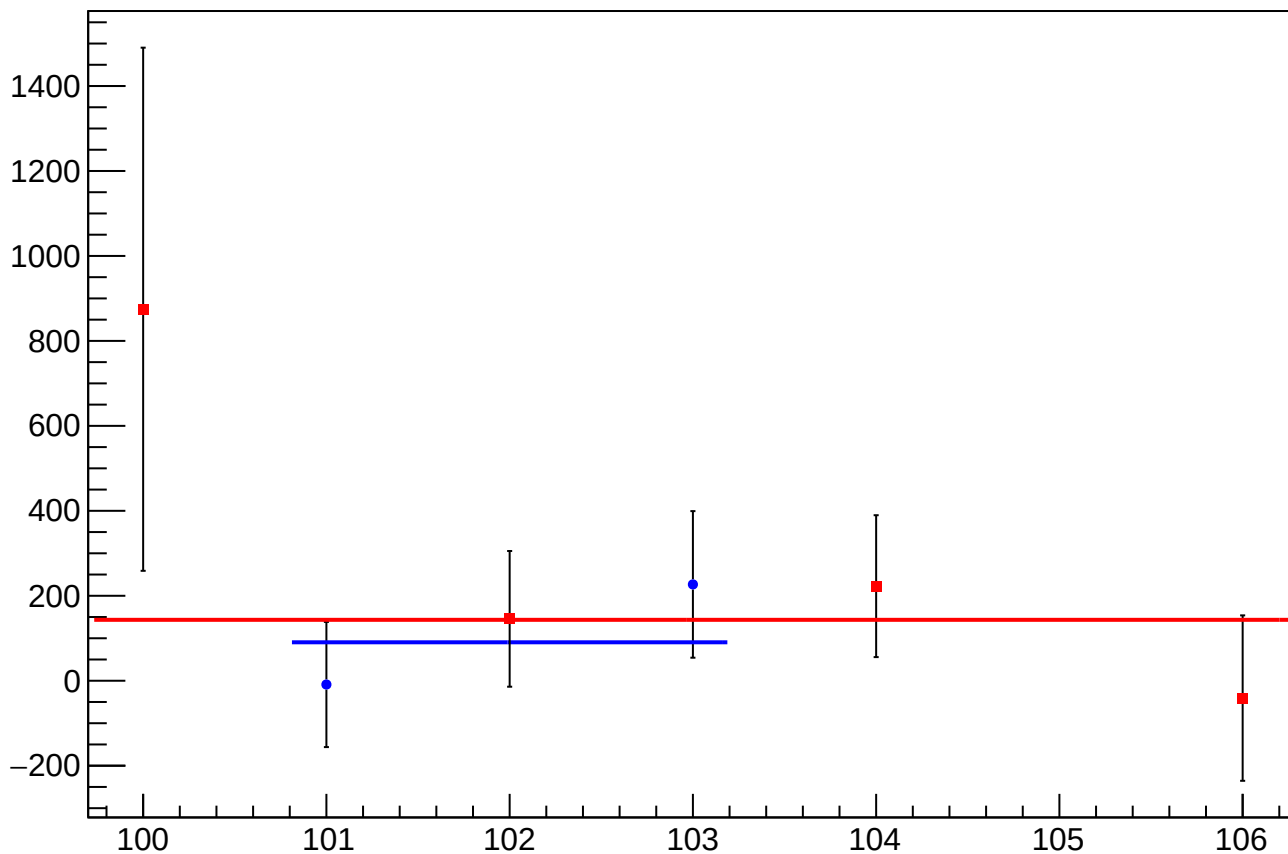
Right: 945.173 ± 0.404 χ^2/NDF : 25196.0/5

In: 956.486 ± 0.604 χ^2/NDF : 1770.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 945.173 ± 0.404 χ^2/NDF : 25196.0/5

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.493 $\pm$ 112.034 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 143.398 $\pm$ 98.028 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

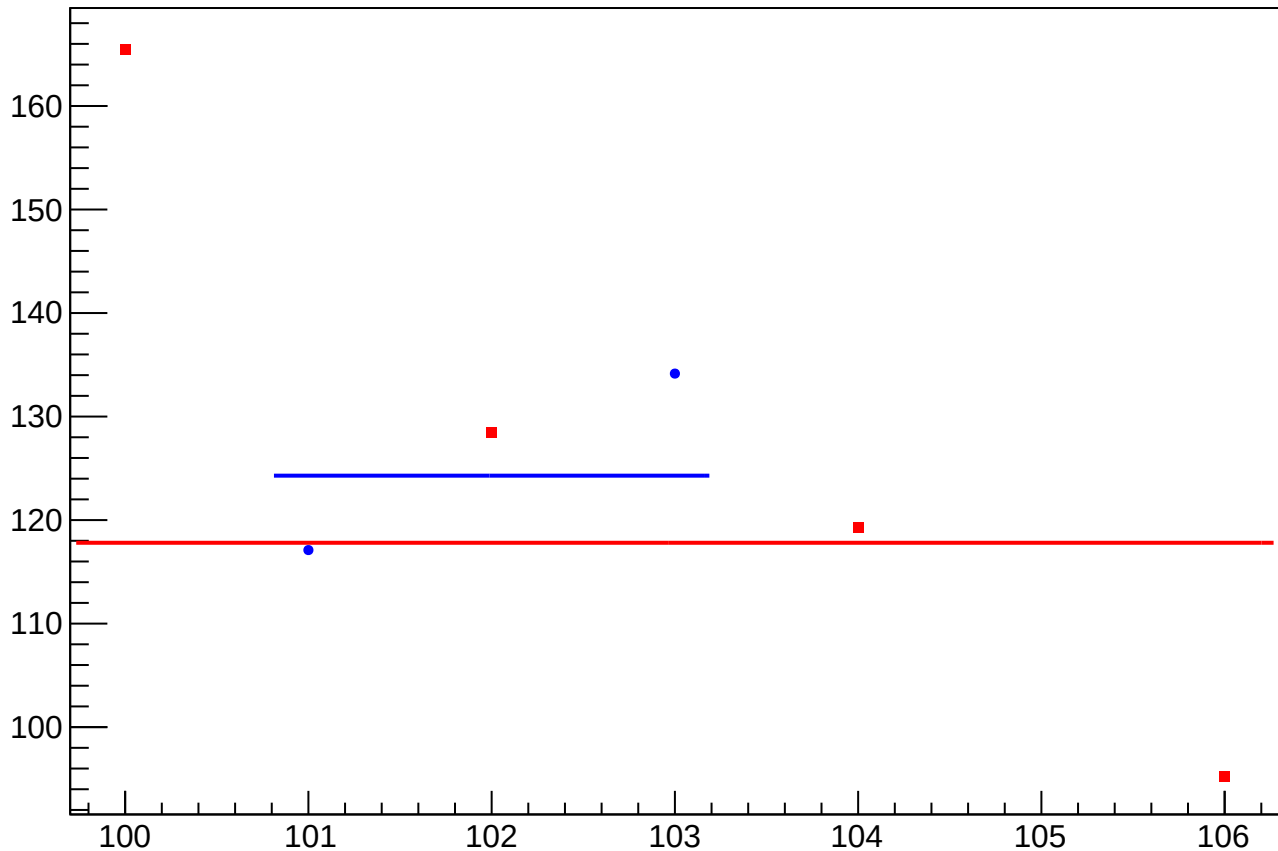
Right: 120.458 $\pm$ 73.774 χ^2 /NDF: 3.7/5

In: 90.493 $\pm$ 112.034 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.458 $\pm$ 73.774 χ^2 /NDF: 3.7/5

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 124.291+/-0.079 χ^2/NDF : 11291.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 117.809+/-0.069 χ^2/NDF : 47900.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

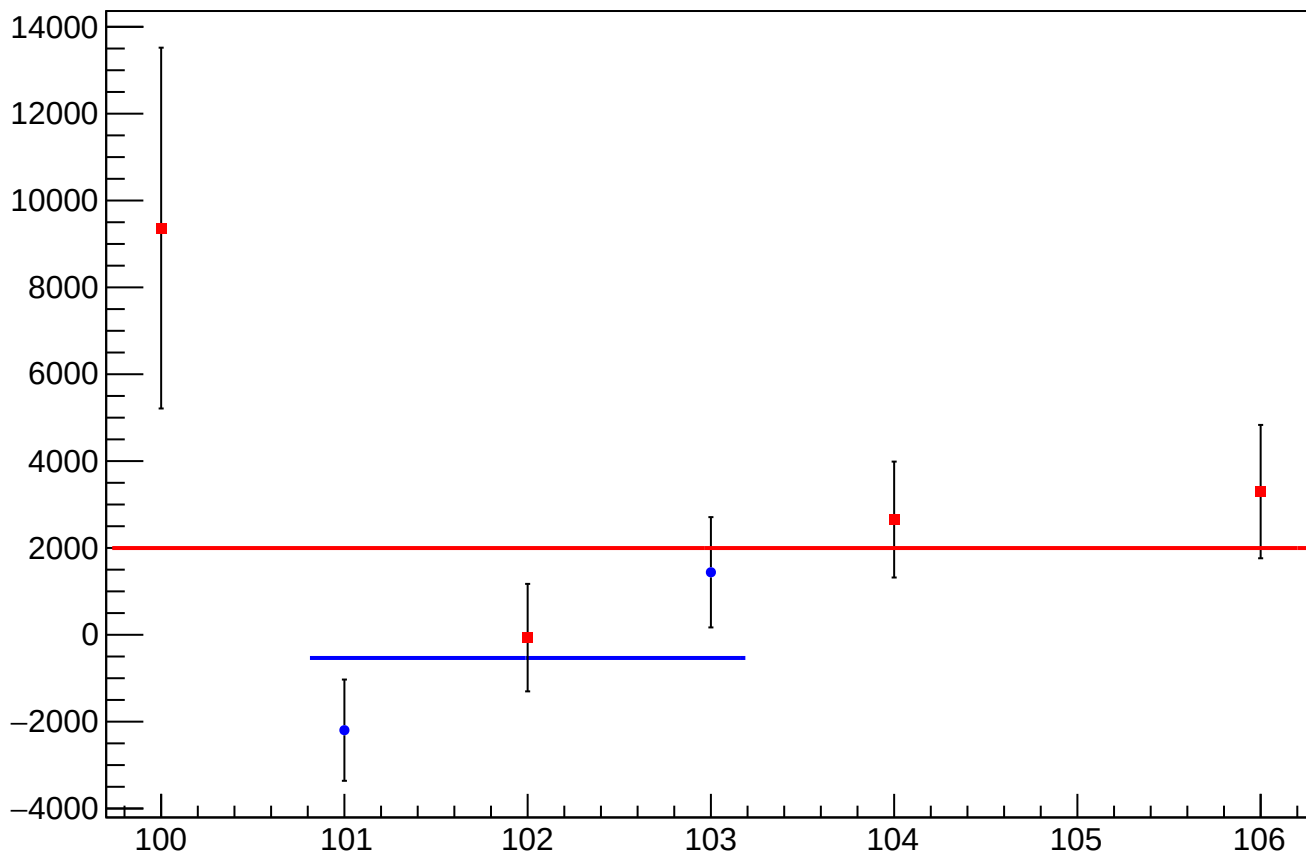
Right: 120.620+/-0.052 χ^2/NDF : 62984.9/5

In: 124.291+/-0.079 χ^2/NDF : 11291.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.620+/-0.052 χ^2/NDF : 62984.9/5

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -533.570+/-858.824 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1997.576+/-767.758 χ^2/NDF : 6.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

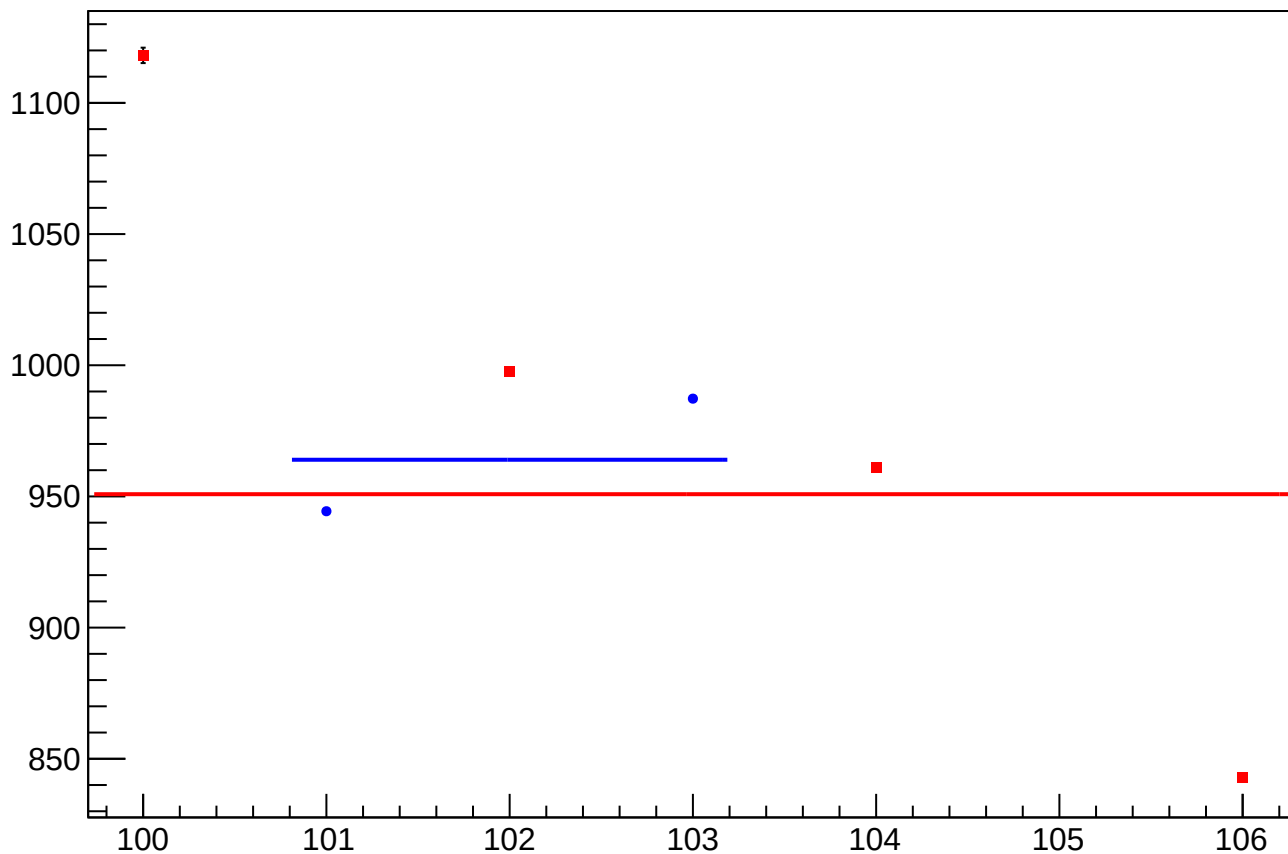
Right: 873.268+/-572.385 χ^2/NDF : 16.2/5

In: -533.570+/-858.824 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.268+/-572.385 χ^2/NDF : 16.2/5

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.980 $\pm$ 0.607 χ^2 /NDF: 1239.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 950.853 $\pm$ 0.543 χ^2 /NDF: 16131.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

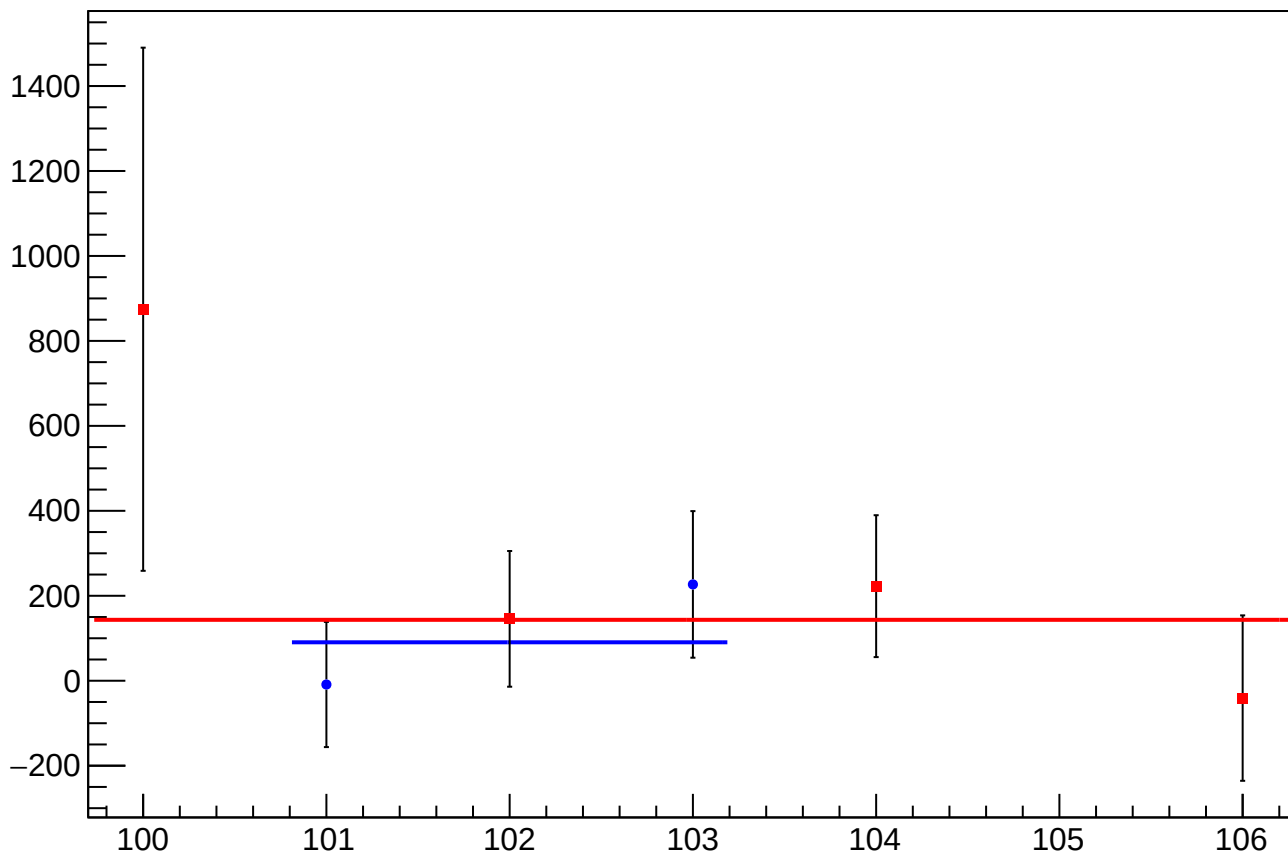
Right: 956.684 $\pm$ 0.405 χ^2 /NDF: 17630.4/5

In: 963.980 $\pm$ 0.607 χ^2 /NDF:1239.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 956.684 $\pm$ 0.405 χ^2 /NDF: 17630.4/5

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.494+/-112.034 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.397+/-98.028 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

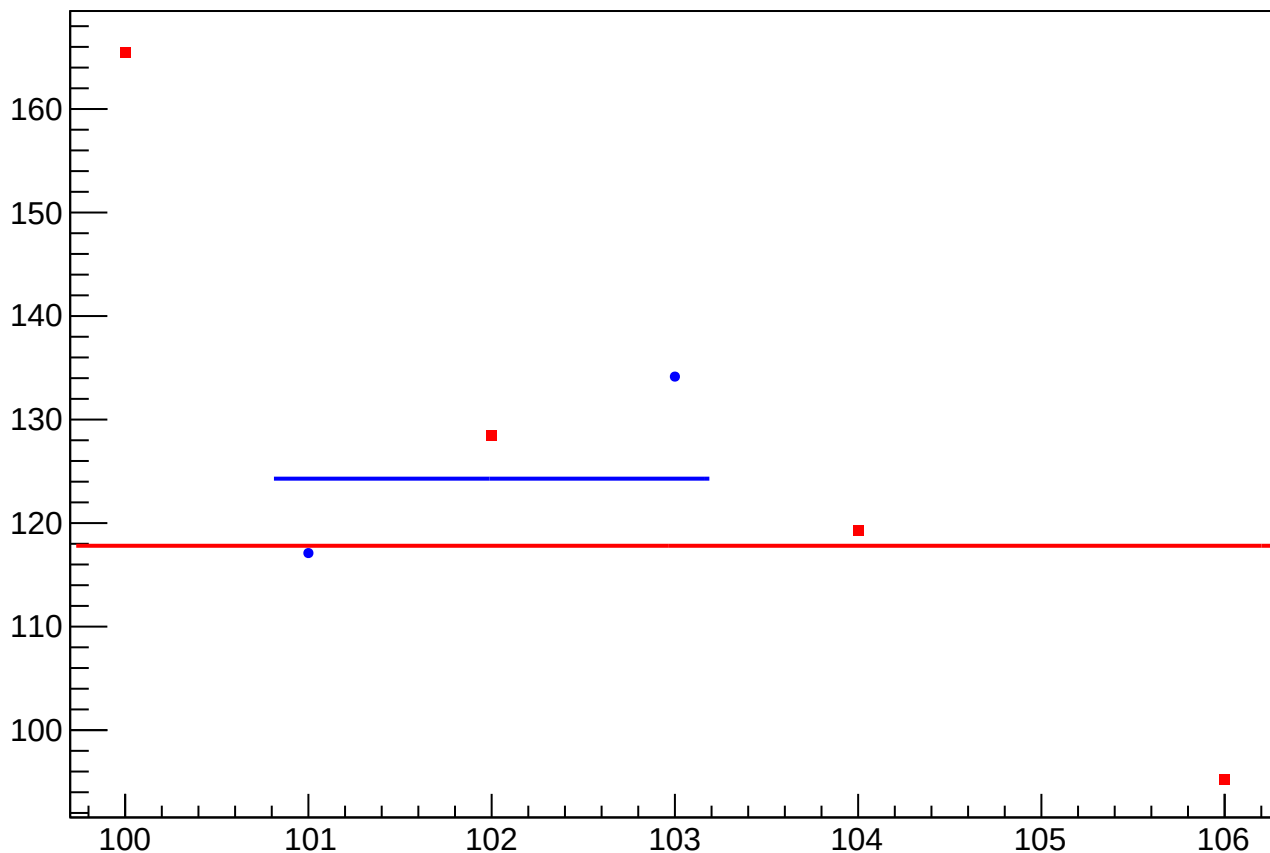
Right: 120.458+/-73.774 χ^2/NDF : 3.7/5

In: 90.494+/-112.034 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.458+/-73.774 χ^2/NDF : 3.7/5

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 124.292 $\pm$ 0.079 χ^2 /NDF: 11290.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.809 $\pm$ 0.069 χ^2 /NDF: 47899.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

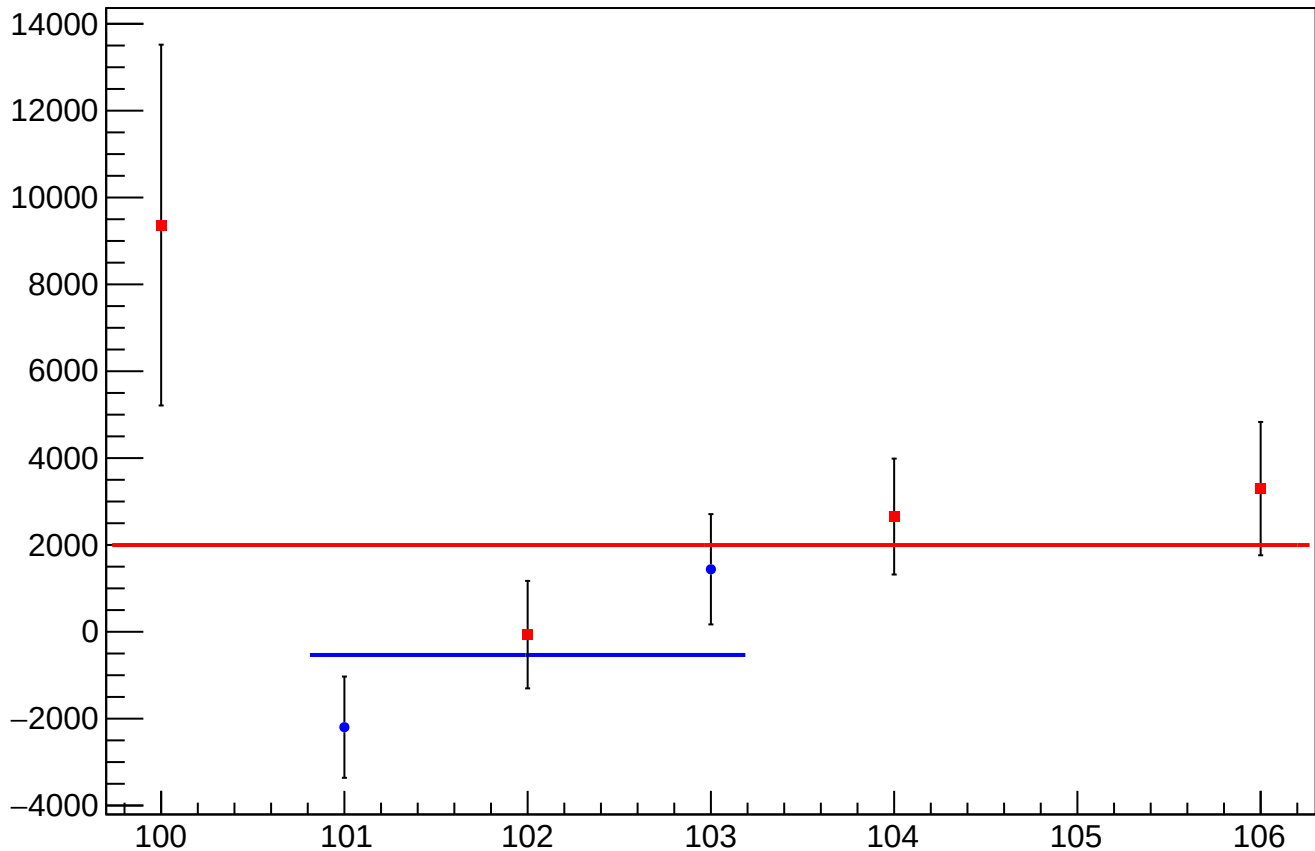
Right: 120.620 $\pm$ 0.052 χ^2 /NDF: 62983.8/5

In: 124.292 $\pm$ 0.079 χ^2 /NDF: 11290.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.620 $\pm$ 0.052 χ^2 /NDF: 62983.8/5

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -533.572+/-858.825 χ^2 /NDF: 4.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1997.578+/-767.759 χ^2 /NDF: 6.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

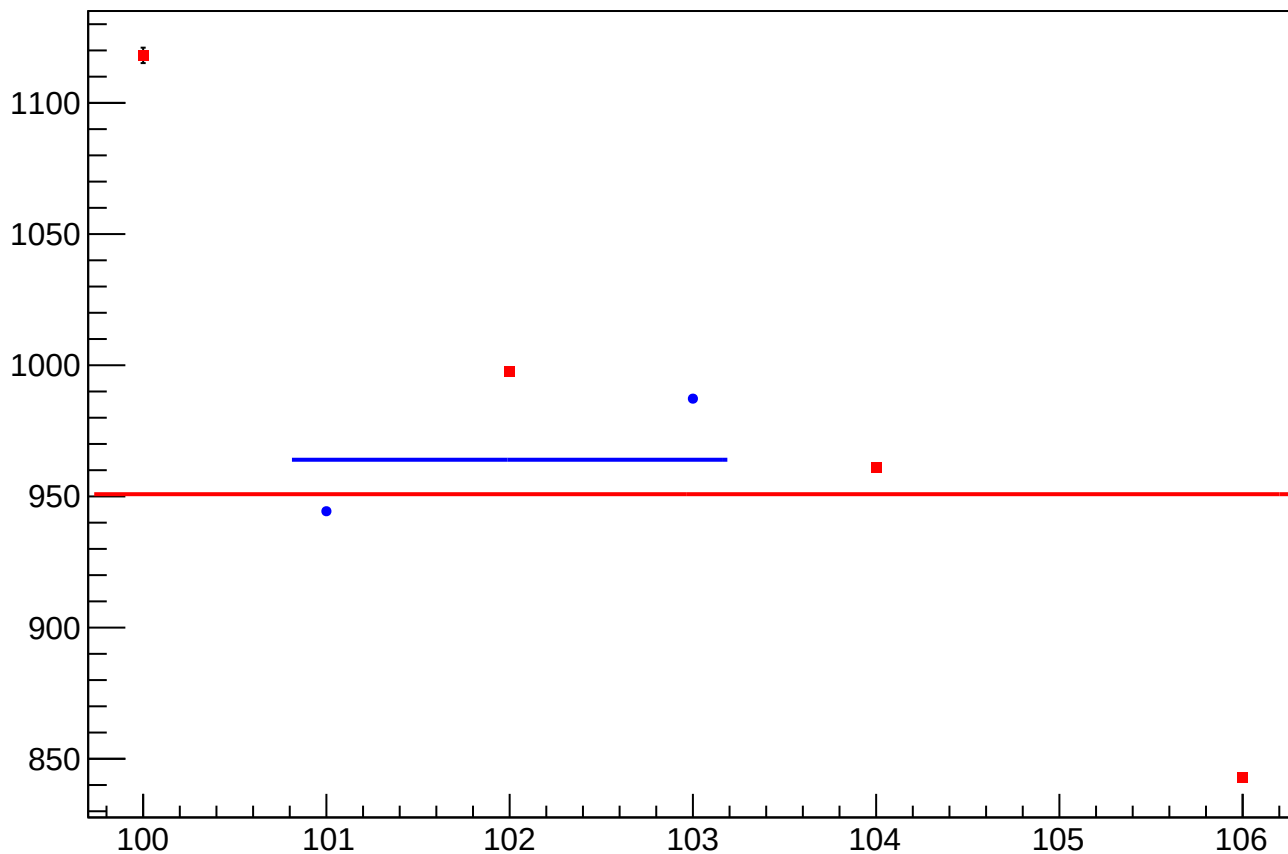
Right: 873.269+/-572.386 χ^2 /NDF: 16.2/5

In: -533.572+/-858.825 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 873.269+/-572.386 χ^2 /NDF: 16.2/5

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.982 $\pm$ 0.607 χ^2 /NDF: 1239.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 950.854 $\pm$ 0.543 χ^2 /NDF: 16131.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

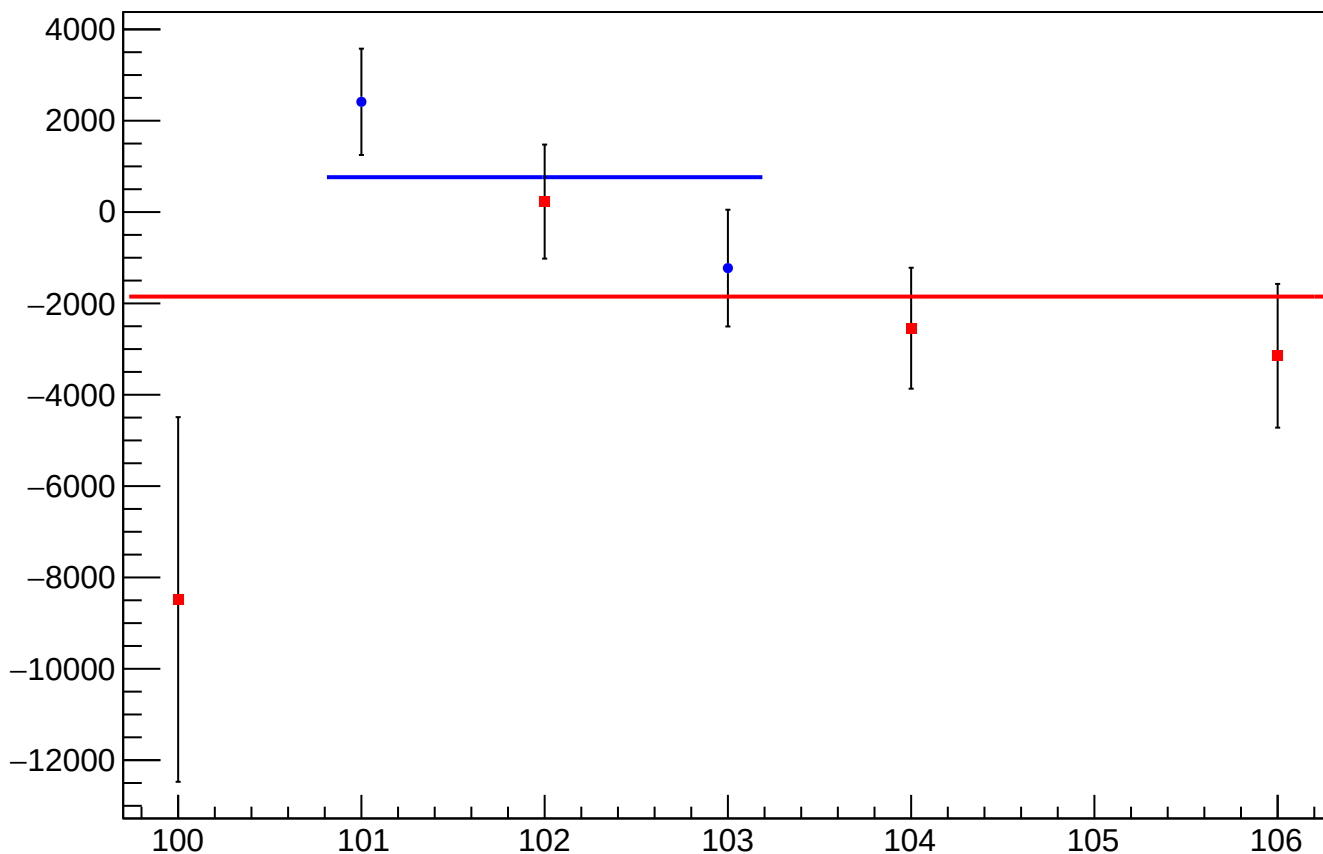
Right: 956.685 $\pm$ 0.405 χ^2 /NDF: 17630.8/5

In: 963.982 $\pm$ 0.607 χ^2 /NDF:1239.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 956.685 $\pm$ 0.405 χ^2 /NDF: 17630.8/5

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 763.414+/-860.410 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1850.573+/-771.820 χ^2/NDF : 6.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

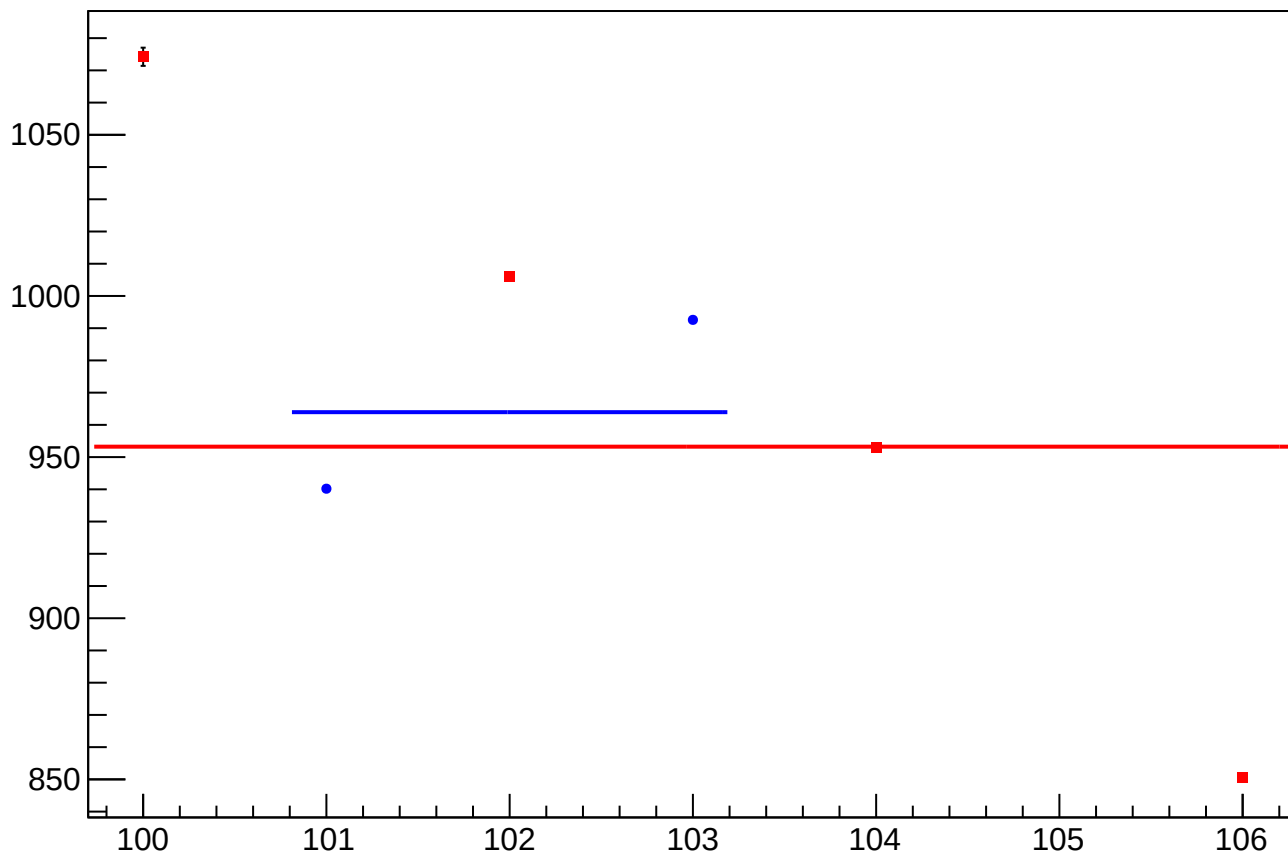
Right: -685.038+/-574.535 χ^2/NDF : 16.0/5

In: 763.414+/-860.410 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -685.038+/-574.535 χ^2/NDF : 16.0/5

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 963.943+/-0.608 χ^2/NDF : 1837.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 953.239+/-0.546 χ^2/NDF : 13922.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

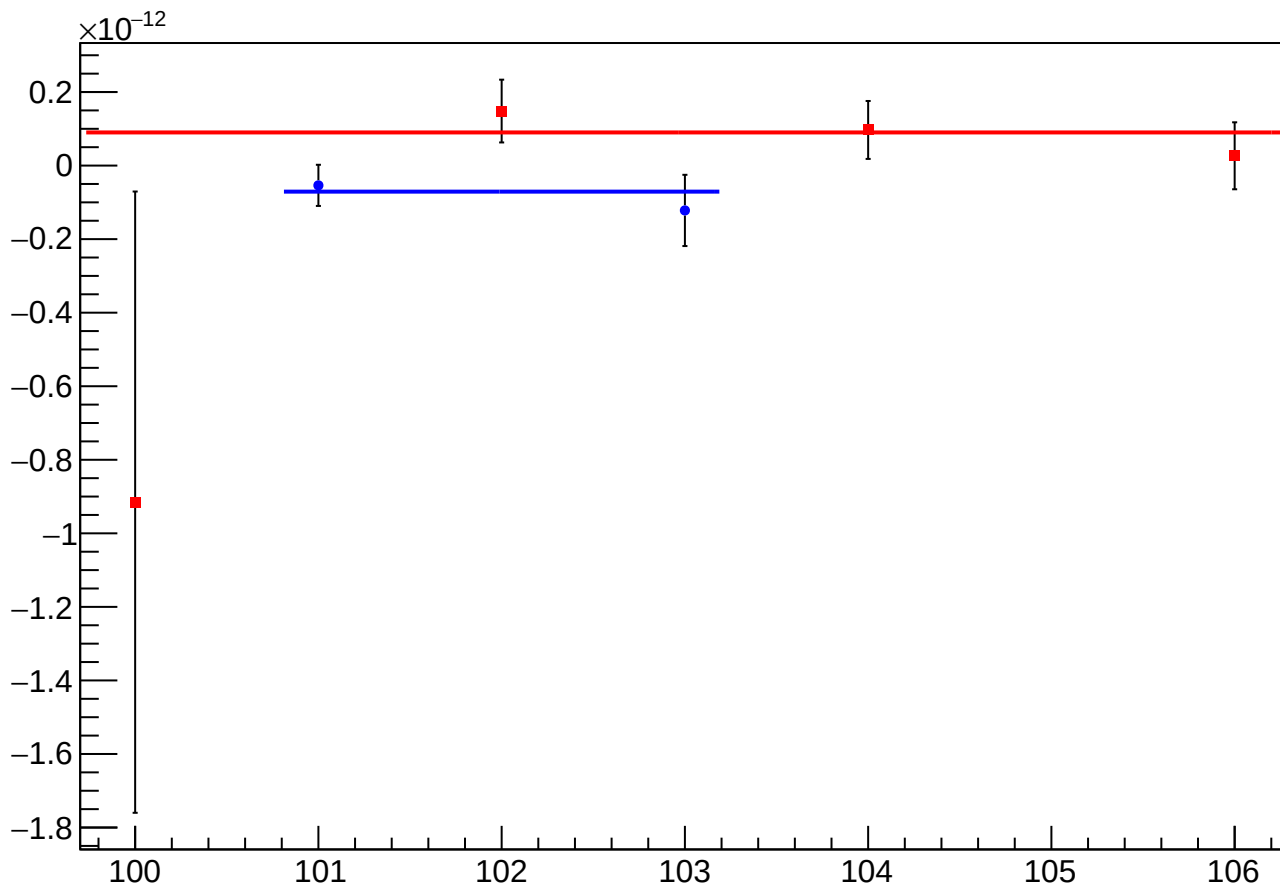
Right: 958.012+/-0.406 χ^2/NDF : 15931.3/5

In: 963.943+/-0.608 χ^2/NDF : 1837.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.012+/-0.406 χ^2/NDF : 15931.3/5

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

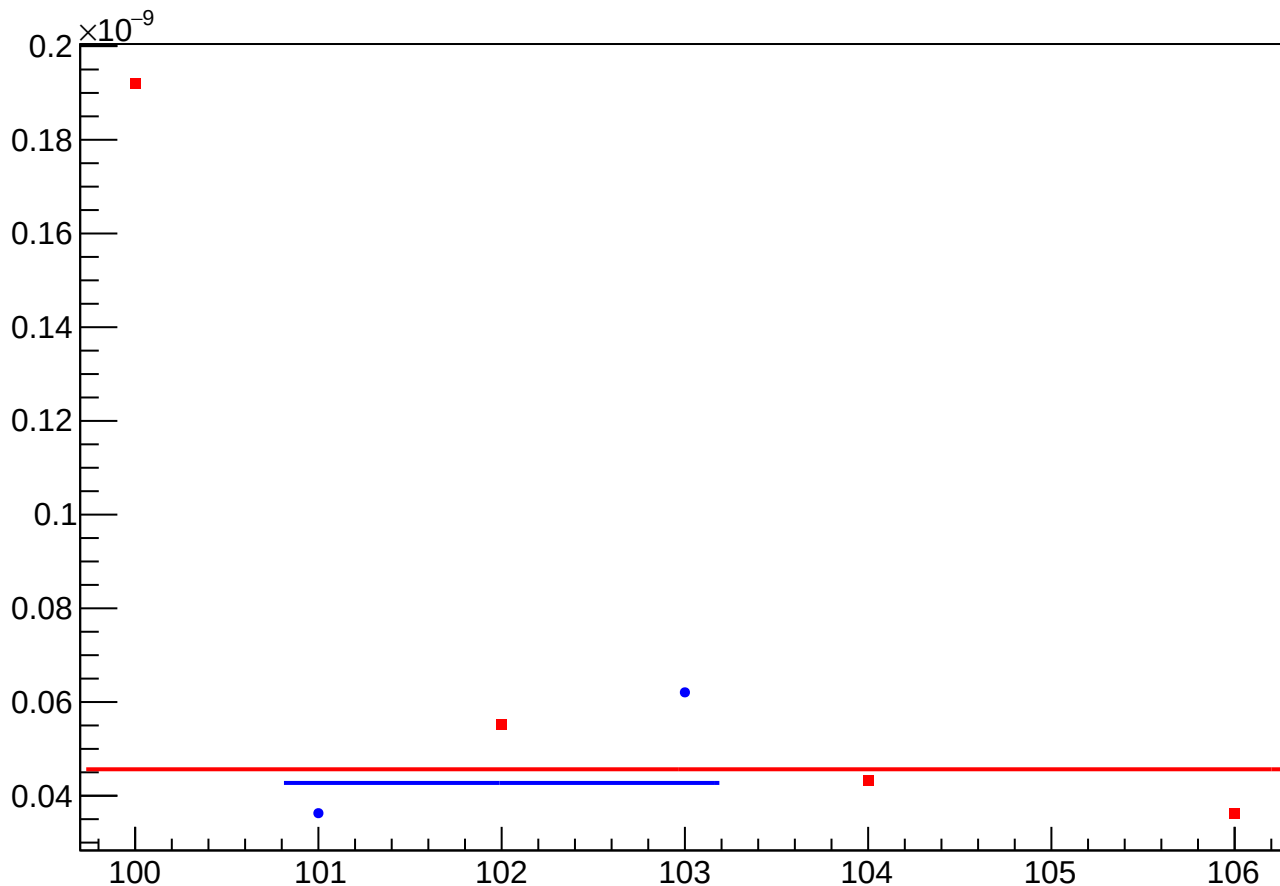
Right: 0.000+/-0.000 χ^2 /NDF: 8.2/5

In: -0.000+/-0.000 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.2/5

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 106283.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 108678.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

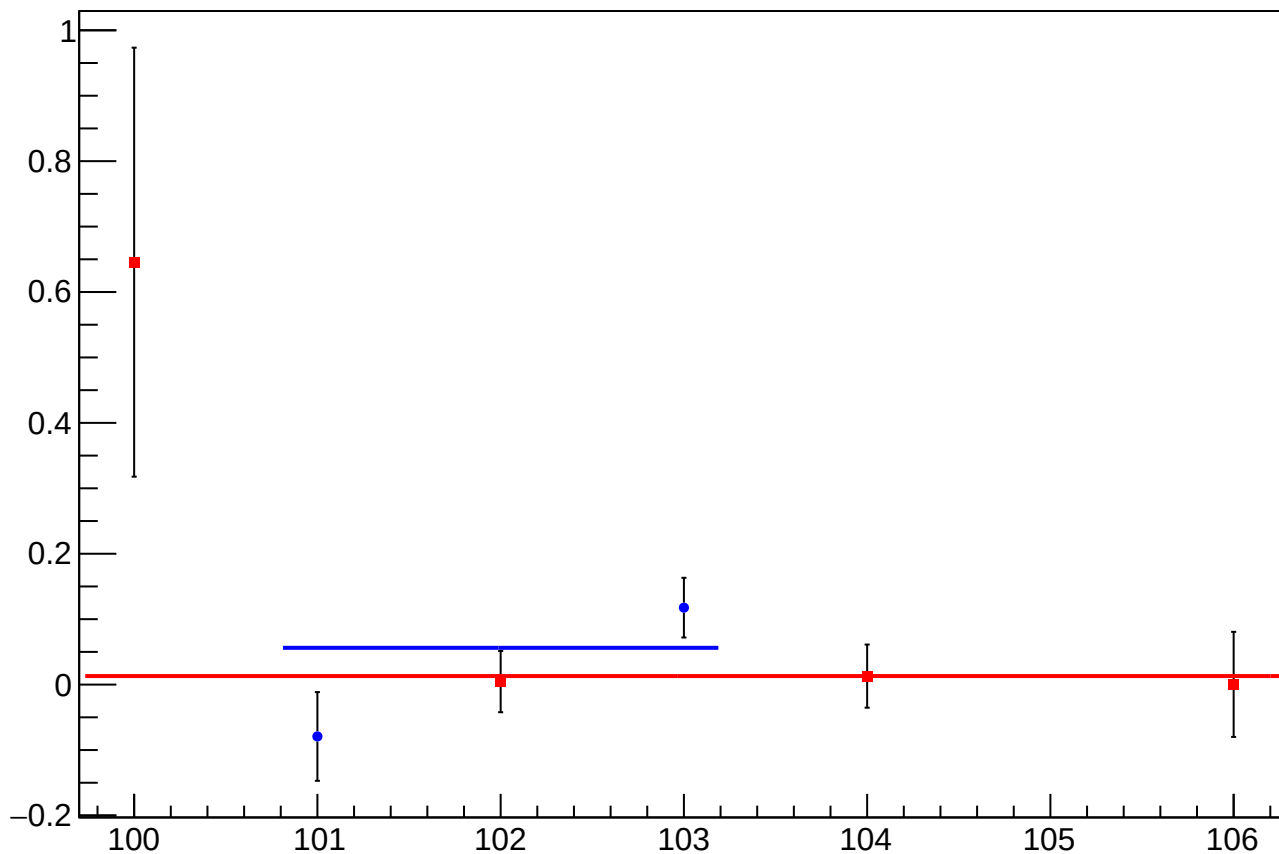
Right: 0.000+/-0.000 χ^2/NDF : 218555.4/5

In: 0.000+/-0.000 χ^2/NDF : 106283.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 218555.4/5

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.031 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

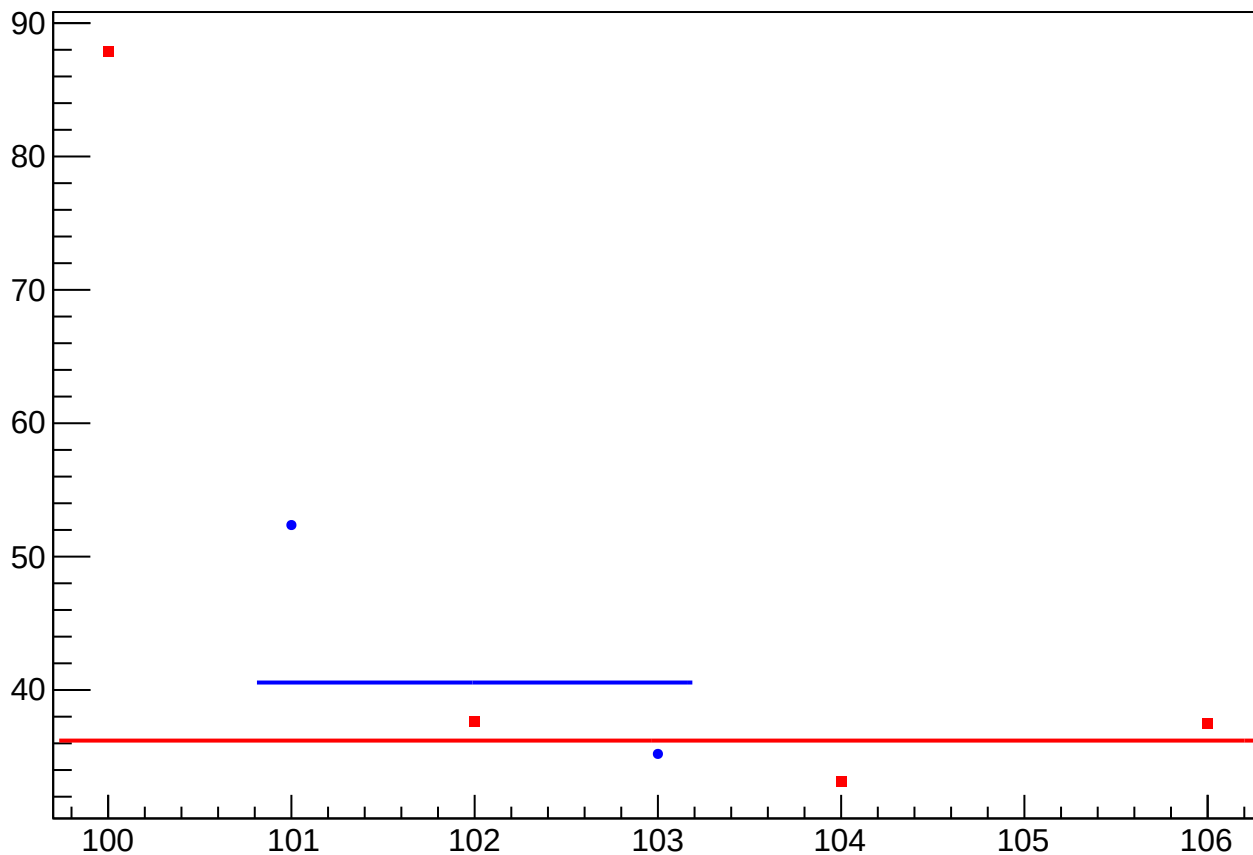
Right: 0.030+/-0.024 χ^2/NDF : 10.4/5

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.024 χ^2/NDF : 10.4/5

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560 ± 0.027 $\chi^2/\text{NDF}: 88181.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.207 ± 0.022 $\chi^2/\text{NDF}: 59921.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

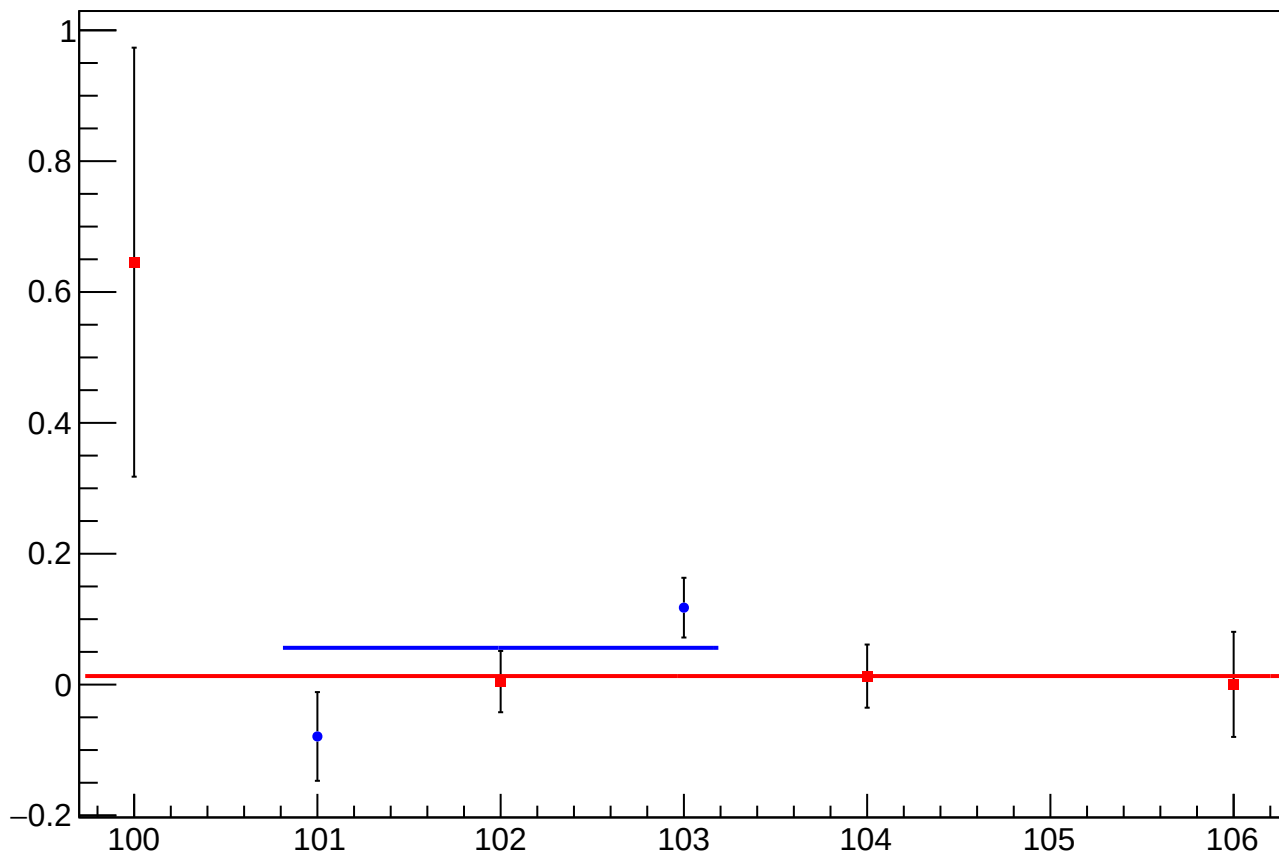
Right: 37.945 ± 0.017 $\chi^2/\text{NDF}: 163986.3/5$

In: 40.560 ± 0.027 $\chi^2/\text{NDF}: 88181.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.945 ± 0.017 $\chi^2/\text{NDF}: 163986.3/5$

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.031 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

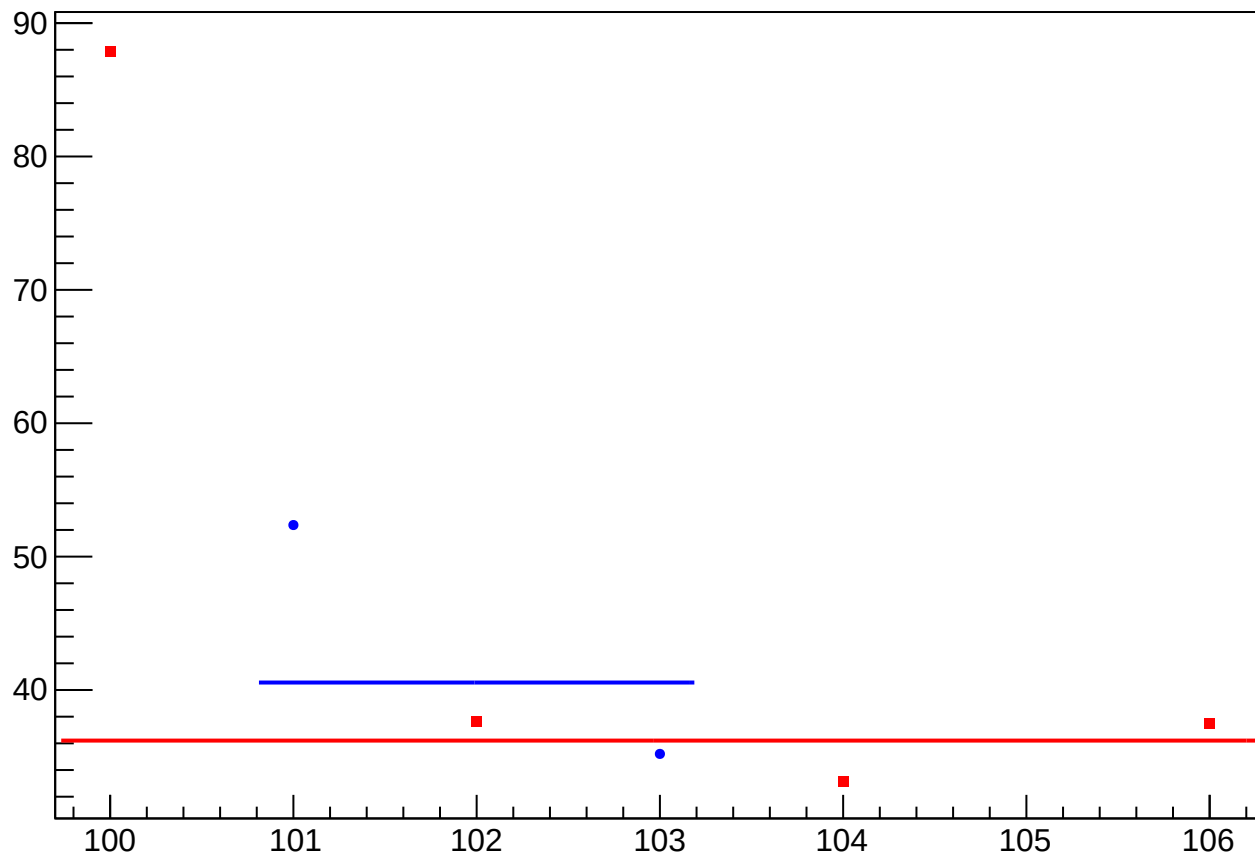
Right: 0.030+/-0.024 χ^2/NDF : 10.4/5

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.024 χ^2/NDF : 10.4/5

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560 $\pm$ 0.027 χ^2 /NDF: 88181.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.207 $\pm$ 0.022 χ^2 /NDF: 59921.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

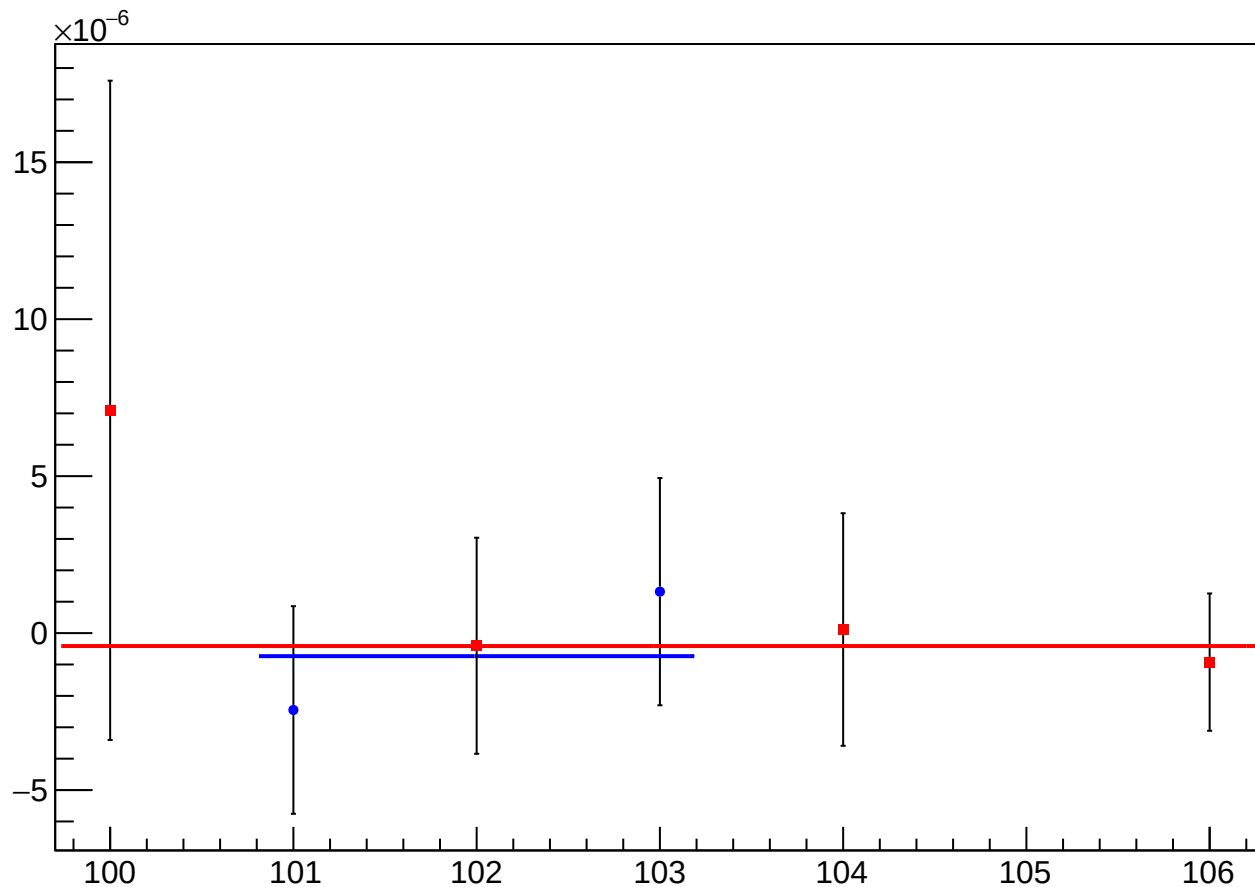
Right: 37.945 $\pm$ 0.017 χ^2 /NDF: 163986.3/5

In: 40.560 $\pm$ 0.027 χ^2 /NDF:88181.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.945 $\pm$ 0.017 χ^2 /NDF: 163986.3/5

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

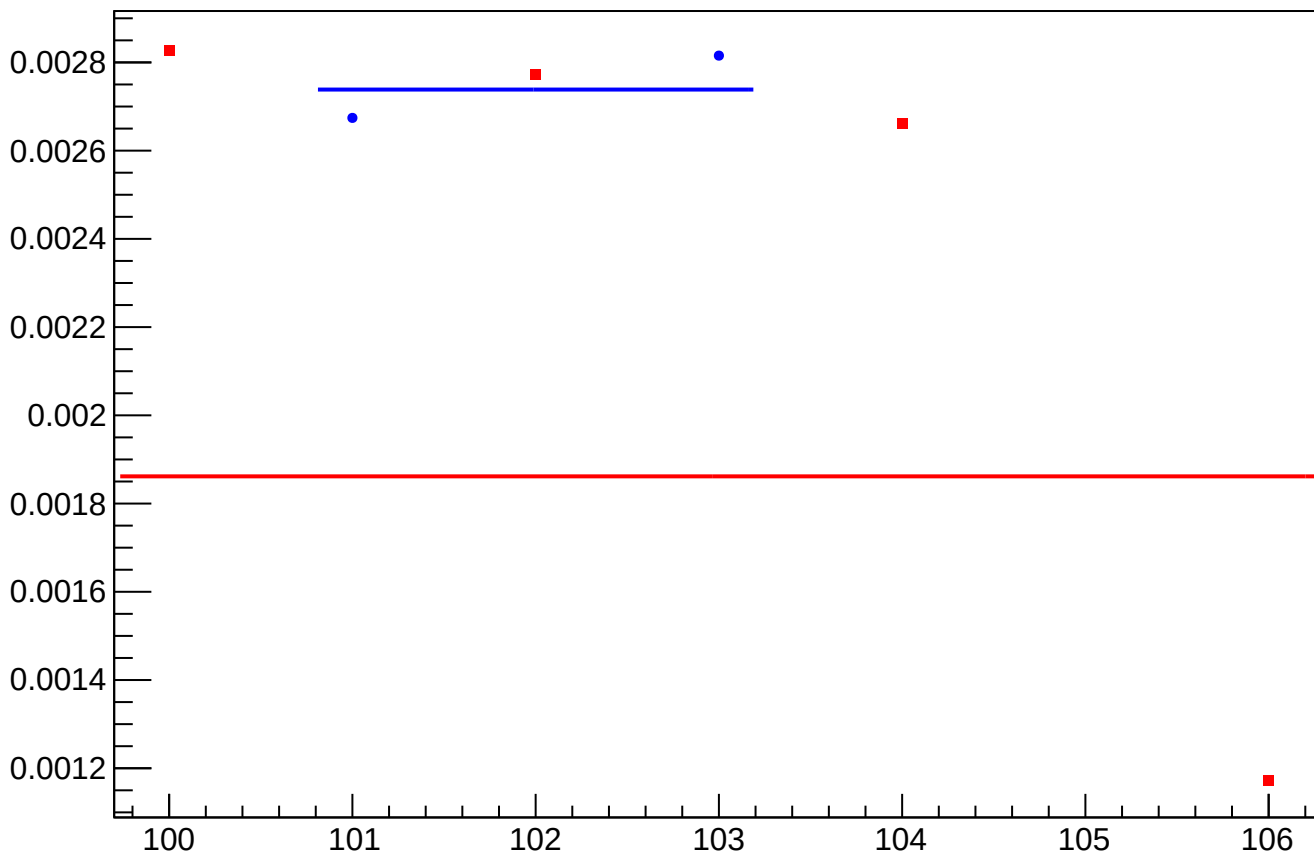
Right: -0.000+/-0.000 χ^2 /NDF: 1.2/5

In: -0.000+/-0.000 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.2/5

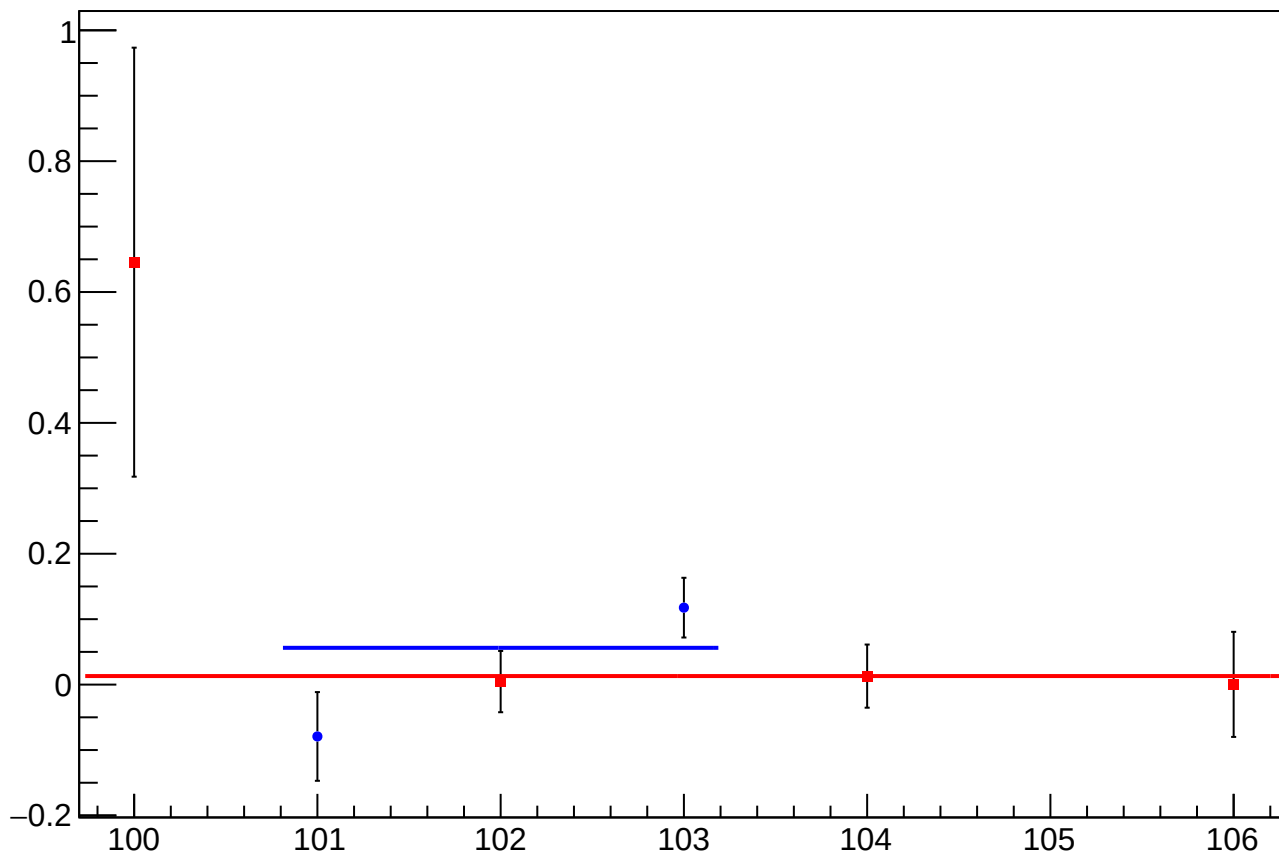
asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1658.1/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 448567.4/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 628536.3/5
 In: 0.003+/-0.000 χ^2/NDF : 1658.1/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 628536.3/5

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.031 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

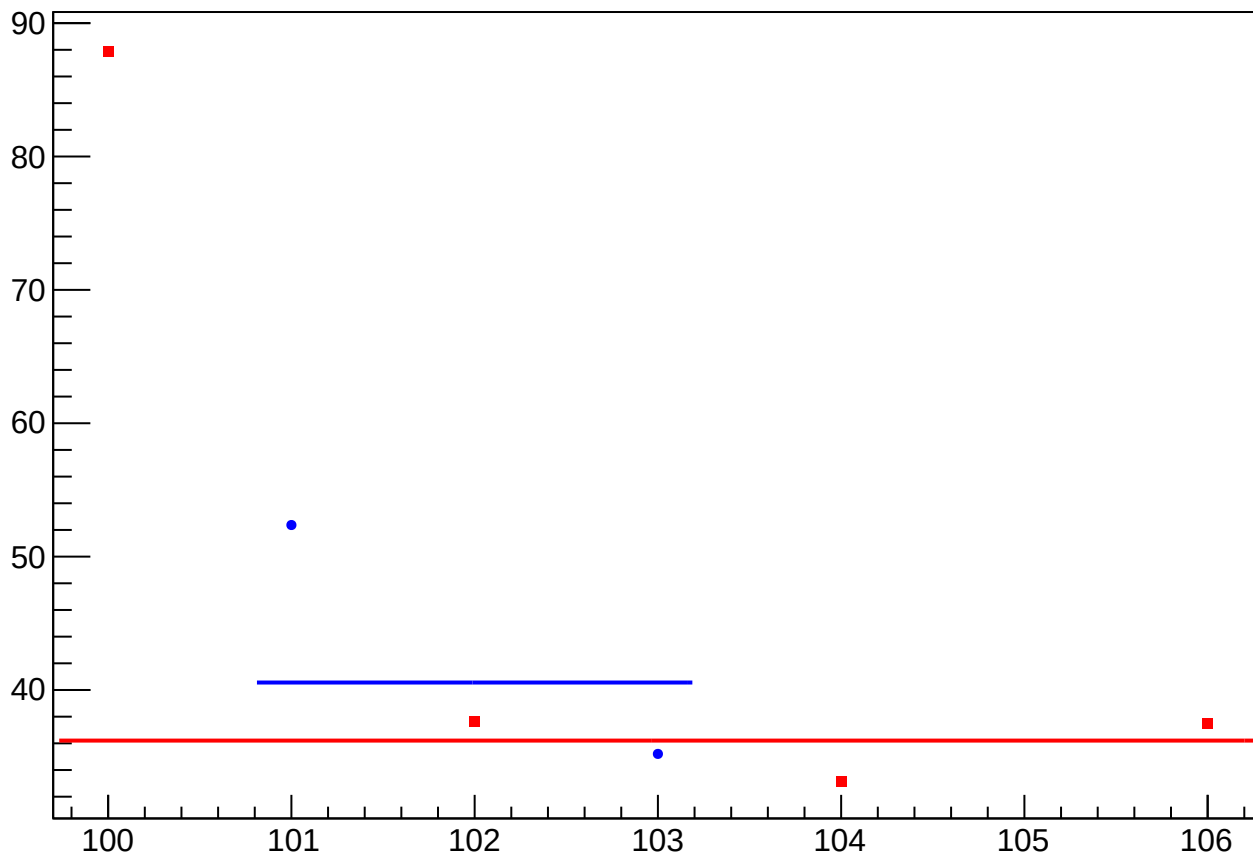
Right: 0.030+/-0.024 χ^2/NDF : 10.4/5

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.024 χ^2/NDF : 10.4/5

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560 $\pm$ 0.027 χ^2 /NDF: 88201.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.207 $\pm$ 0.022 χ^2 /NDF: 59925.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

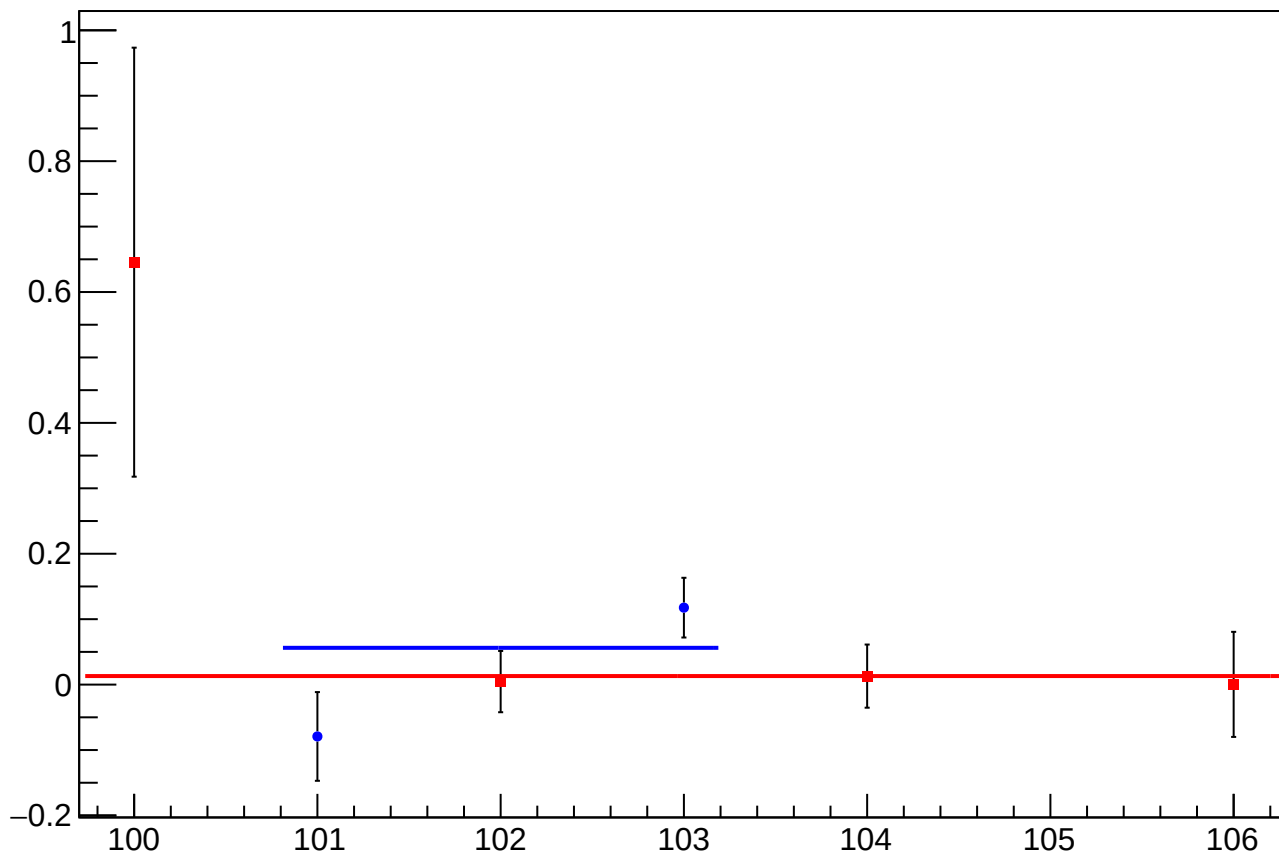
Right: 37.945 $\pm$ 0.017 χ^2 /NDF: 164014.4/5

In: 40.560 $\pm$ 0.027 χ^2 /NDF:88201.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.945 $\pm$ 0.017 χ^2 /NDF: 164014.4/5

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.031 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

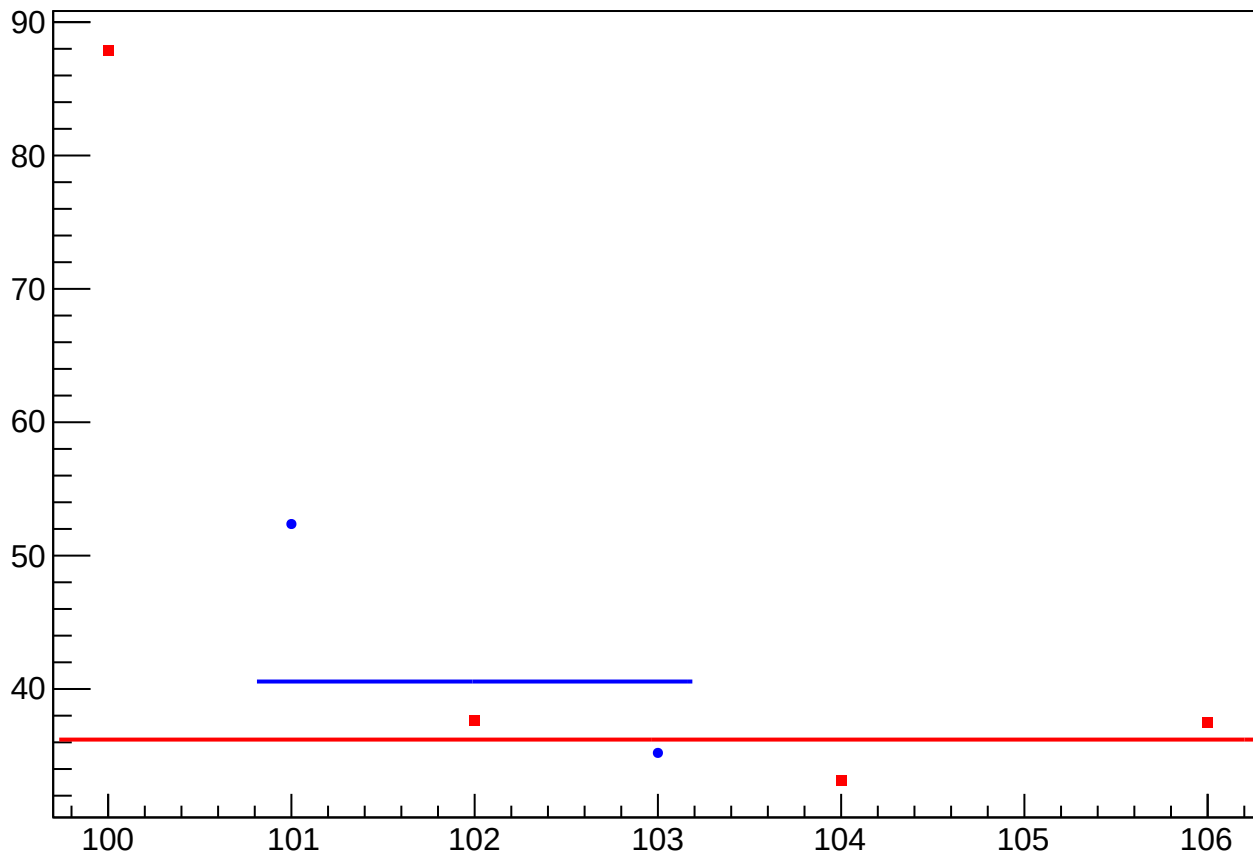
Right: 0.030+/-0.024 χ^2/NDF : 10.4/5

In: 0.056+/-0.038 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.024 χ^2/NDF : 10.4/5

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560 $\pm$ 0.027 χ^2 /NDF: 88201.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.207 $\pm$ 0.022 χ^2 /NDF: 59925.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

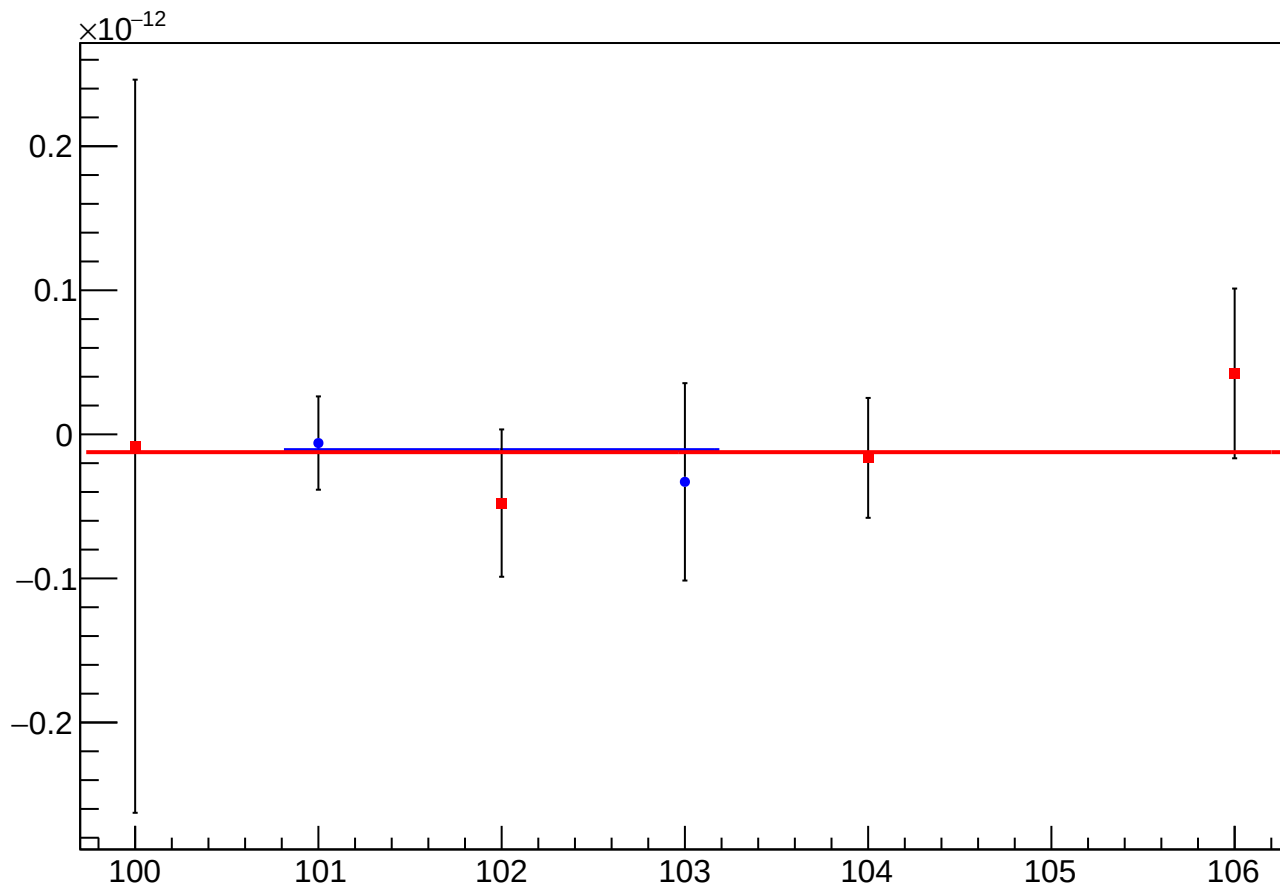
Right: 37.945 $\pm$ 0.017 χ^2 /NDF: 164014.4/5

In: 40.560 $\pm$ 0.027 χ^2 /NDF:88201.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.945 $\pm$ 0.017 χ^2 /NDF: 164014.4/5

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

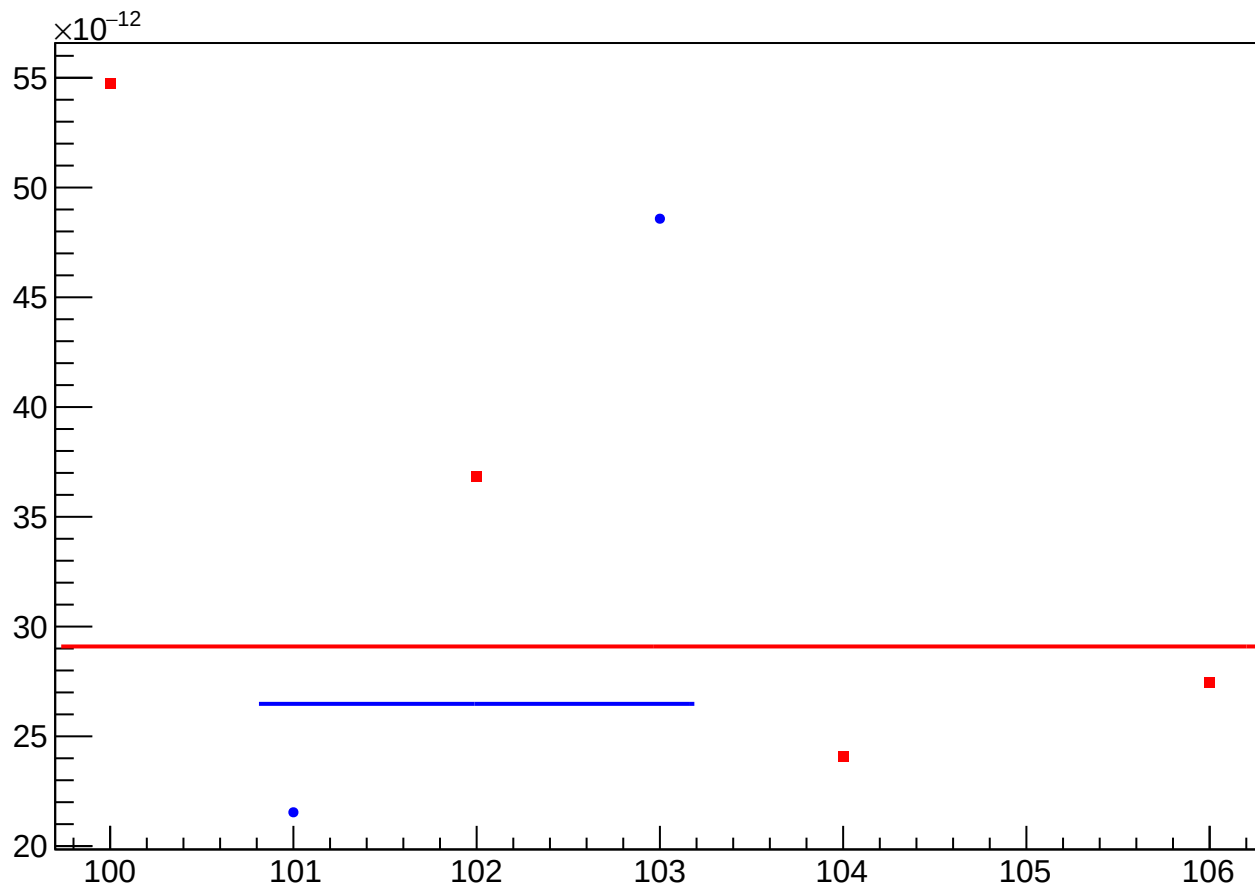
Right: -0.000+/-0.000 χ^2/NDF : 1.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.5/5

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 254723.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 96917.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

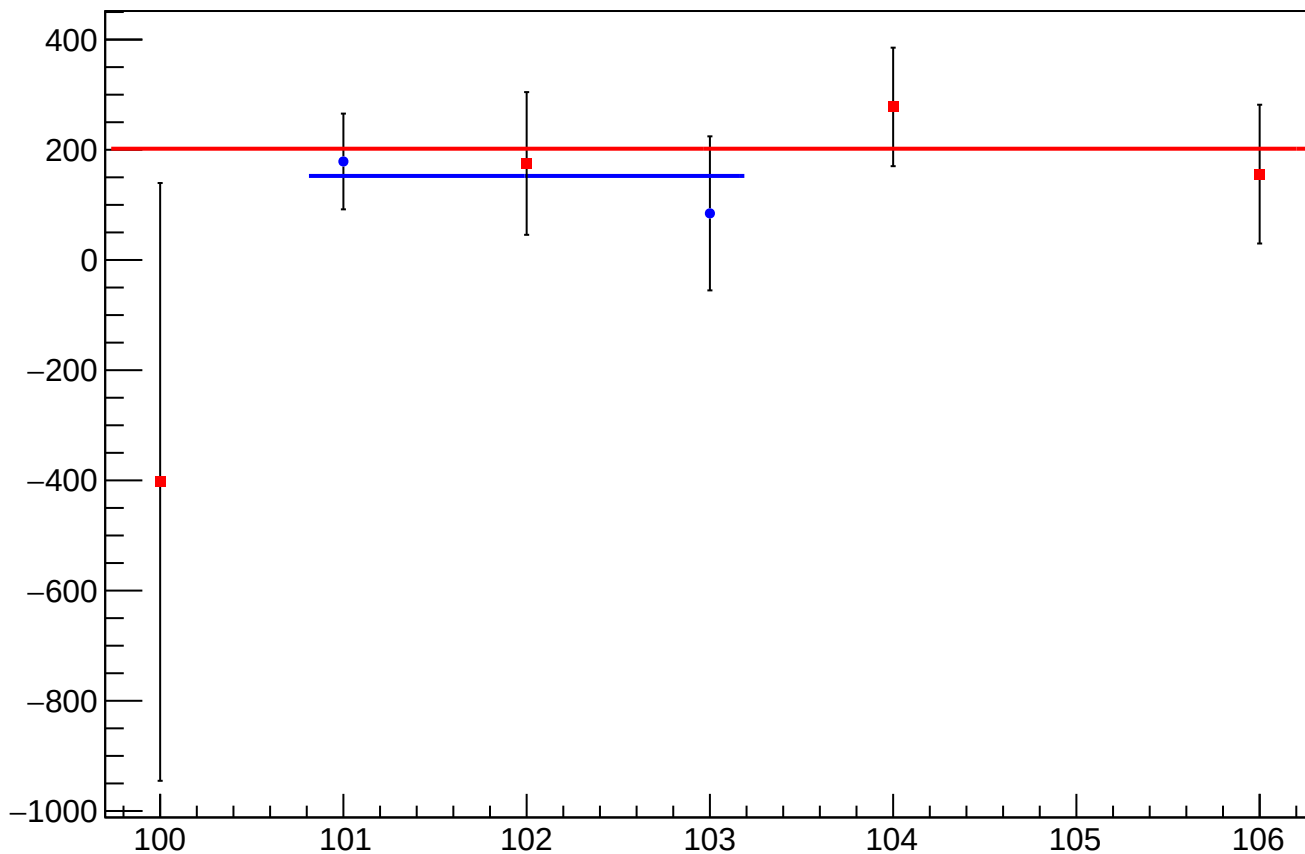
Right: 0.000+/-0.000 χ^2/NDF : 359930.6/5

In: 0.000+/-0.000 χ^2/NDF : 254723.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 359930.6/5

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.528 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 201.934 $\pm$ 68.590 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

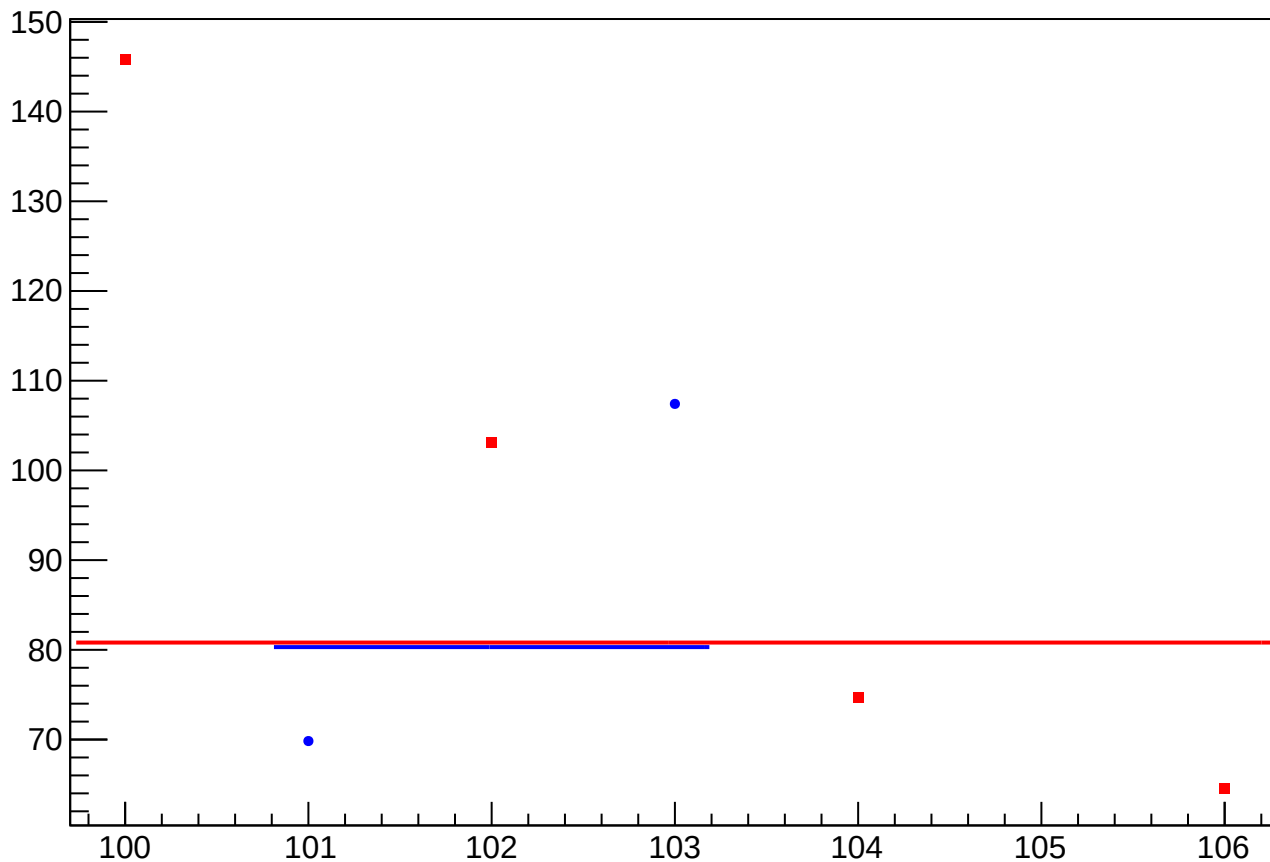
Right: 179.033 $\pm$ 50.238 χ^2 /NDF: 2.5/5

In: 152.528 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.033 $\pm$ 50.238 χ^2 /NDF: 2.5/5

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304+/-0.052 χ^2/NDF : 104294.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.811+/-0.049 χ^2/NDF : 127384.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

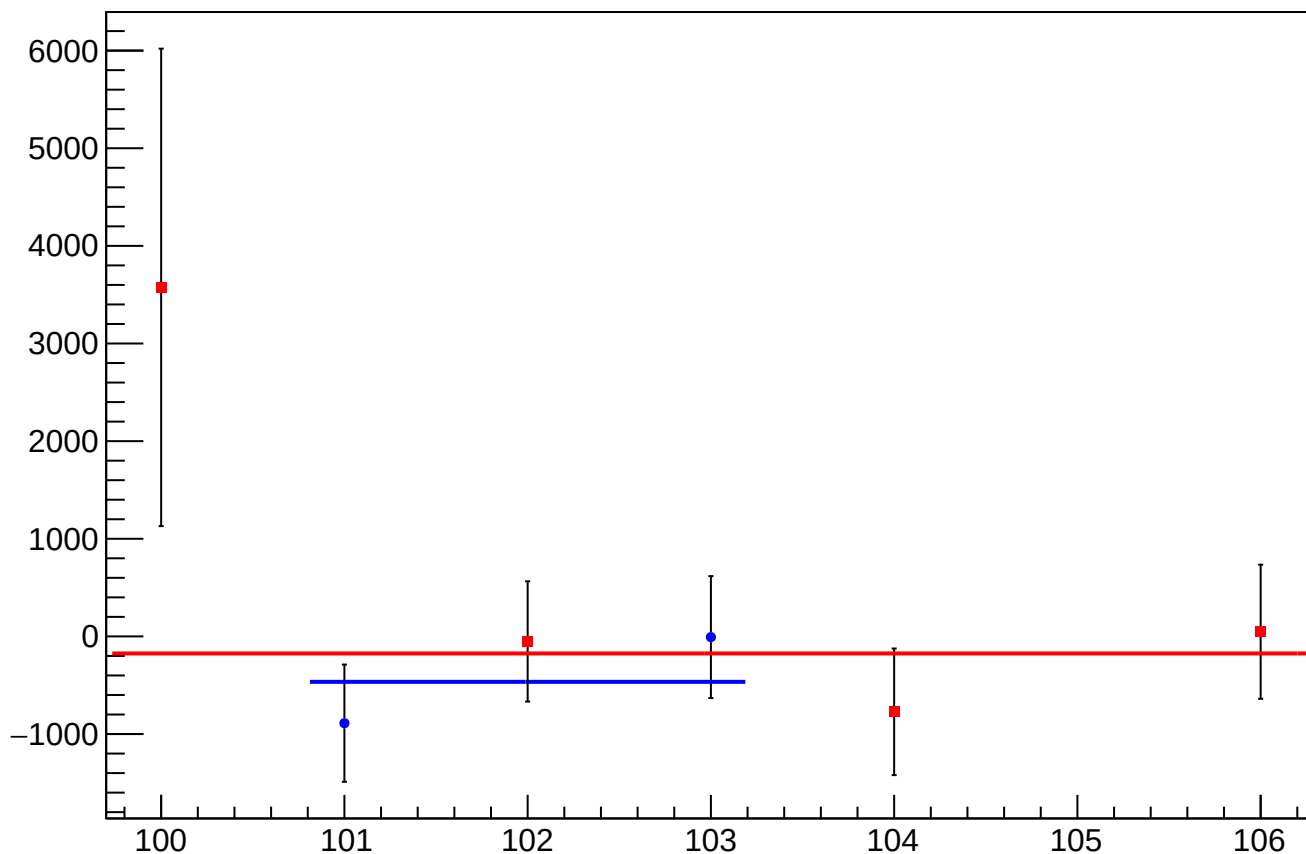
Right: 80.576+/-0.036 χ^2/NDF : 231729.9/5

In: 80.304+/-0.052 χ^2/NDF : 104294.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.576+/-0.036 χ^2/NDF : 231729.9/5

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -465.349+/-432.850 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.548+/-370.067 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

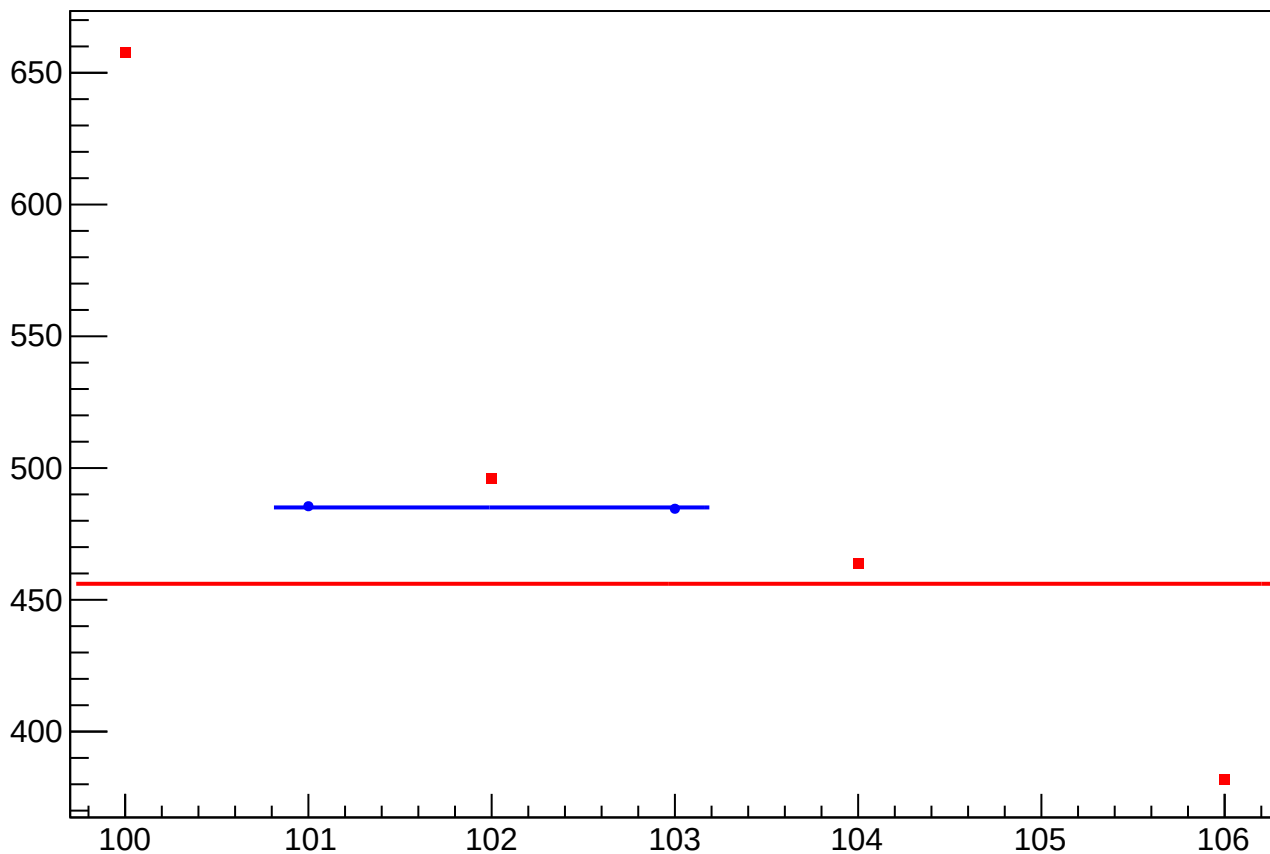
Right: -297.348+/-281.280 χ^2/NDF : 4.6/5

In: -465.349+/-432.850 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.348+/-281.280 χ^2/NDF : 4.6/5

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 485.056+/-0.306 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.082+/-0.262 χ^2/NDF : 45741.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

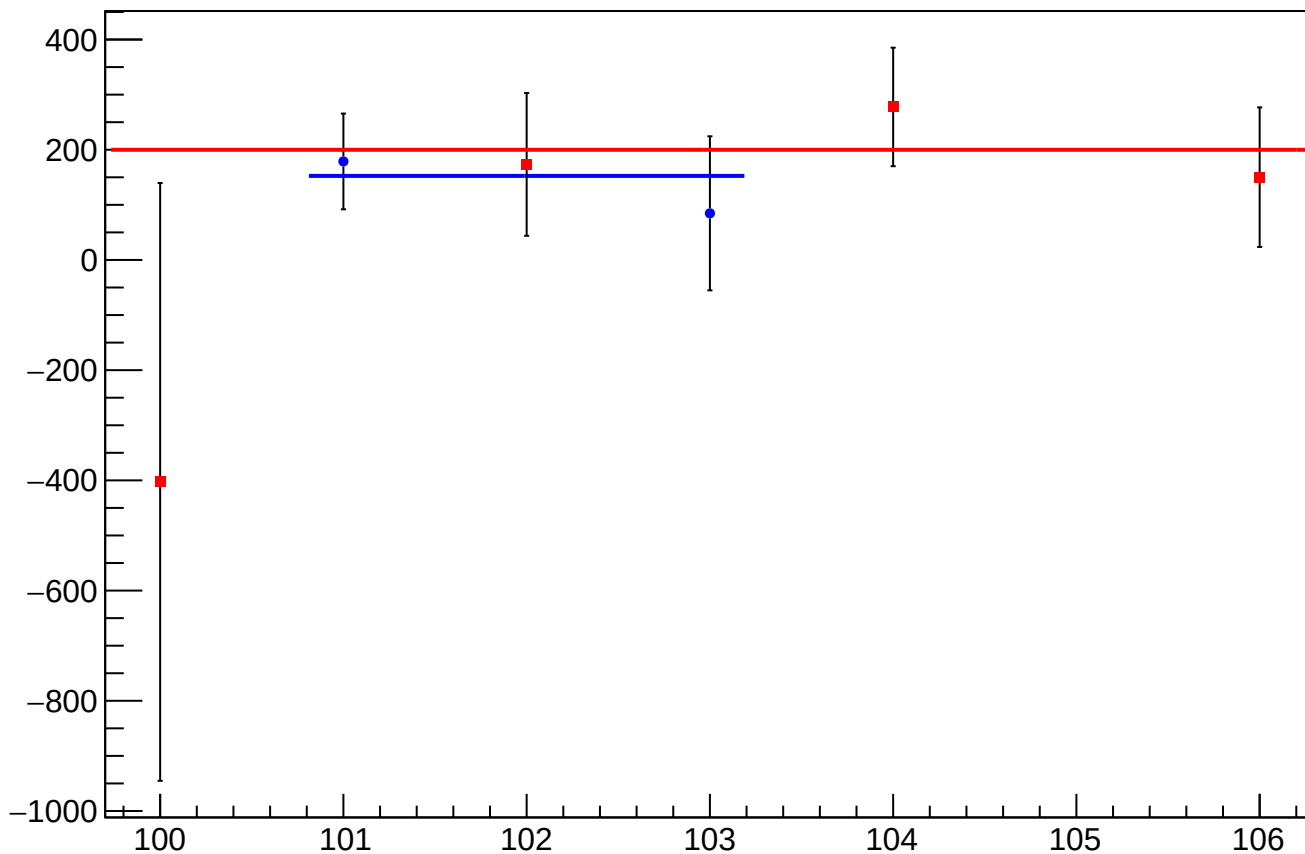
Right: 468.317+/-0.199 χ^2/NDF : 50920.5/5

In: 485.056+/-0.306 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.317+/-0.199 χ^2/NDF : 50920.5/5

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.530+/-73.789 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.919+/-68.710 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

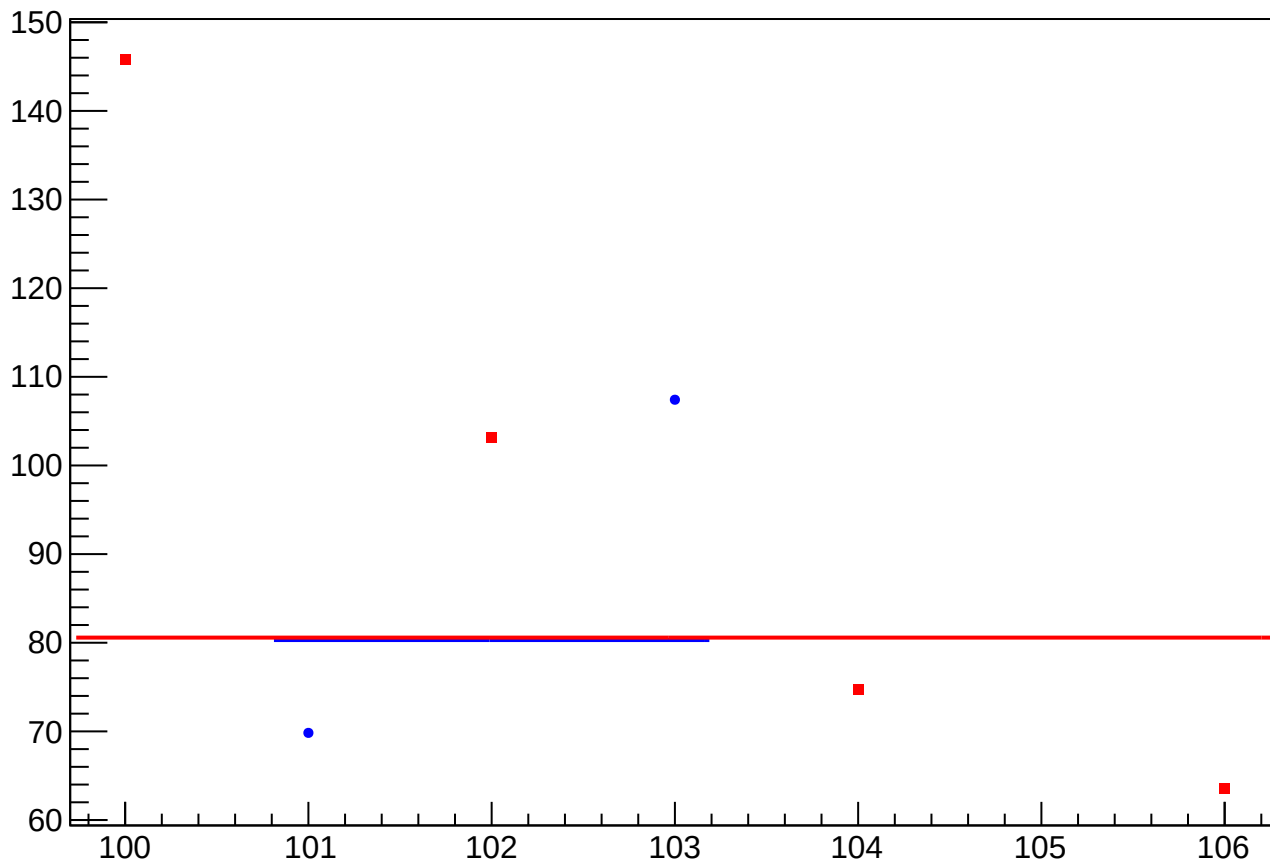
Right: 177.911+/-50.285 χ^2/NDF : 2.5/5

In: 152.530+/-73.789 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.911+/-50.285 χ^2/NDF : 2.5/5

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.580+/-0.049 χ^2/NDF : 131270.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

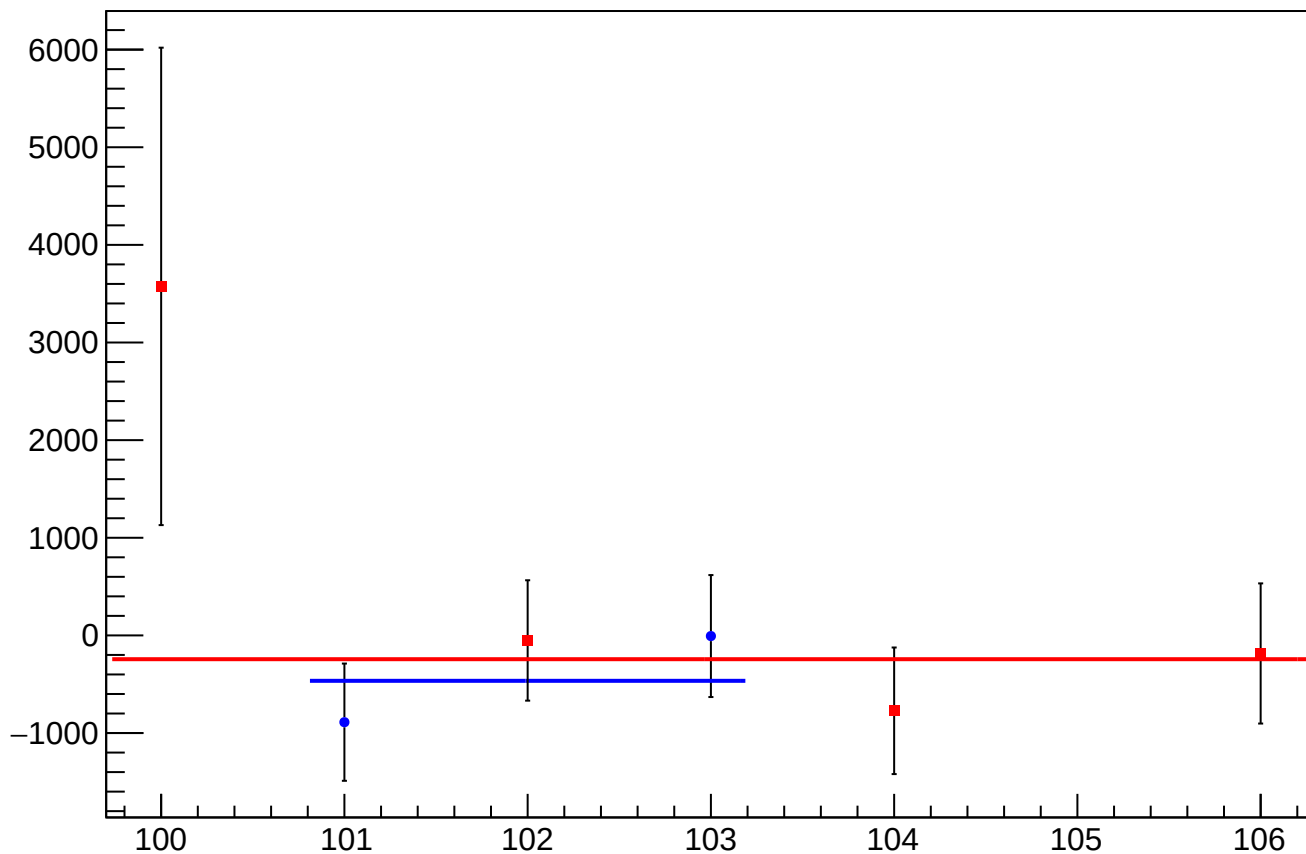
Right: 80.452+/-0.036 χ^2/NDF : 235582.1/5

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.452+/-0.036 χ^2/NDF : 235582.1/5

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.143+/-432.865 χ^2 /NDF: 1.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -243.660+/-374.801 χ^2 /NDF: 3.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

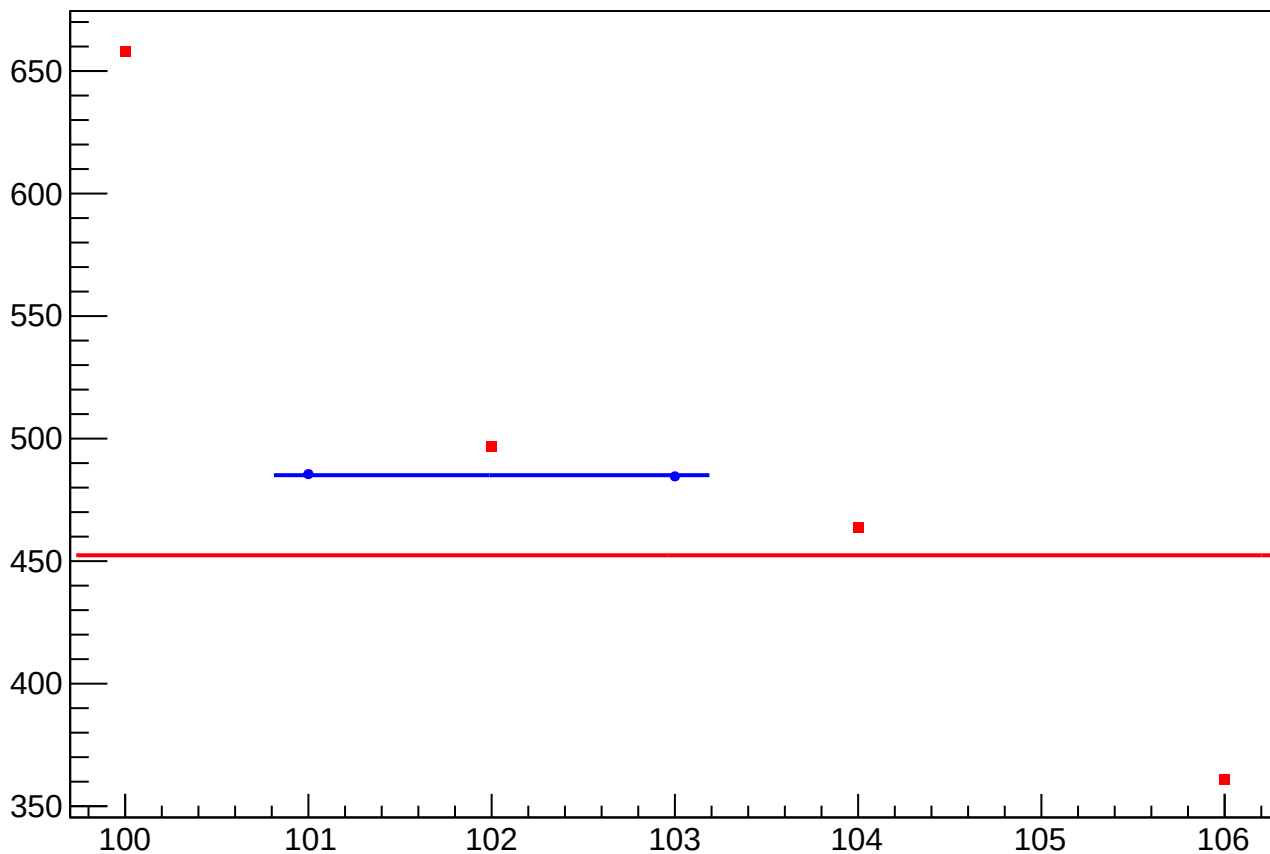
Right: -338.561+/-283.346 χ^2 /NDF: 4.4/5

In: -465.143+/-432.865 χ^2 /NDF: 1.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -338.561+/-283.346 χ^2 /NDF: 4.4/5

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.071+/-0.306 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 452.388+/-0.265 χ^2/NDF : 57538.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

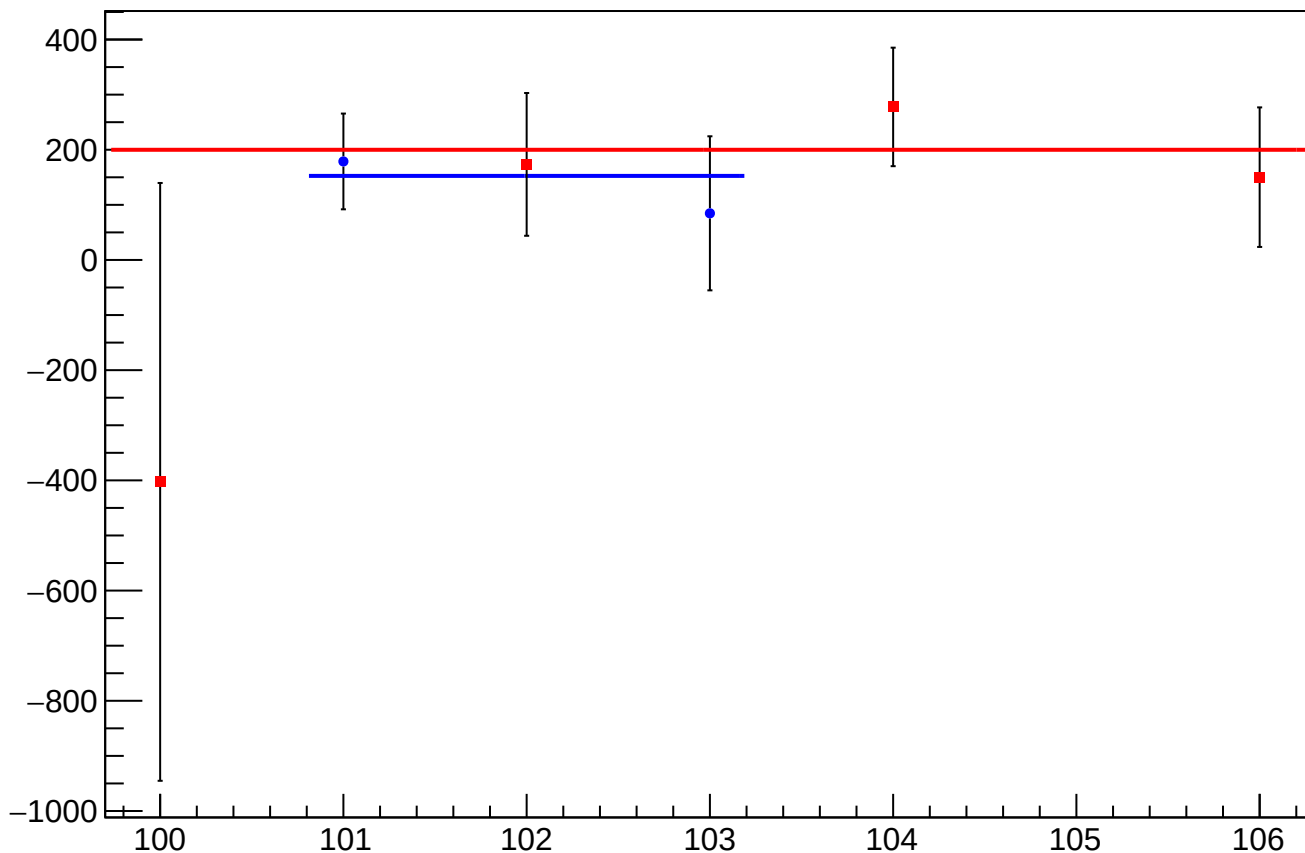
Right: 466.392+/-0.200 χ^2/NDF : 64056.9/5

In: 485.071+/-0.306 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.392+/-0.200 χ^2/NDF : 64056.9/5

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 152.530 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 199.919 $\pm$ 68.710 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

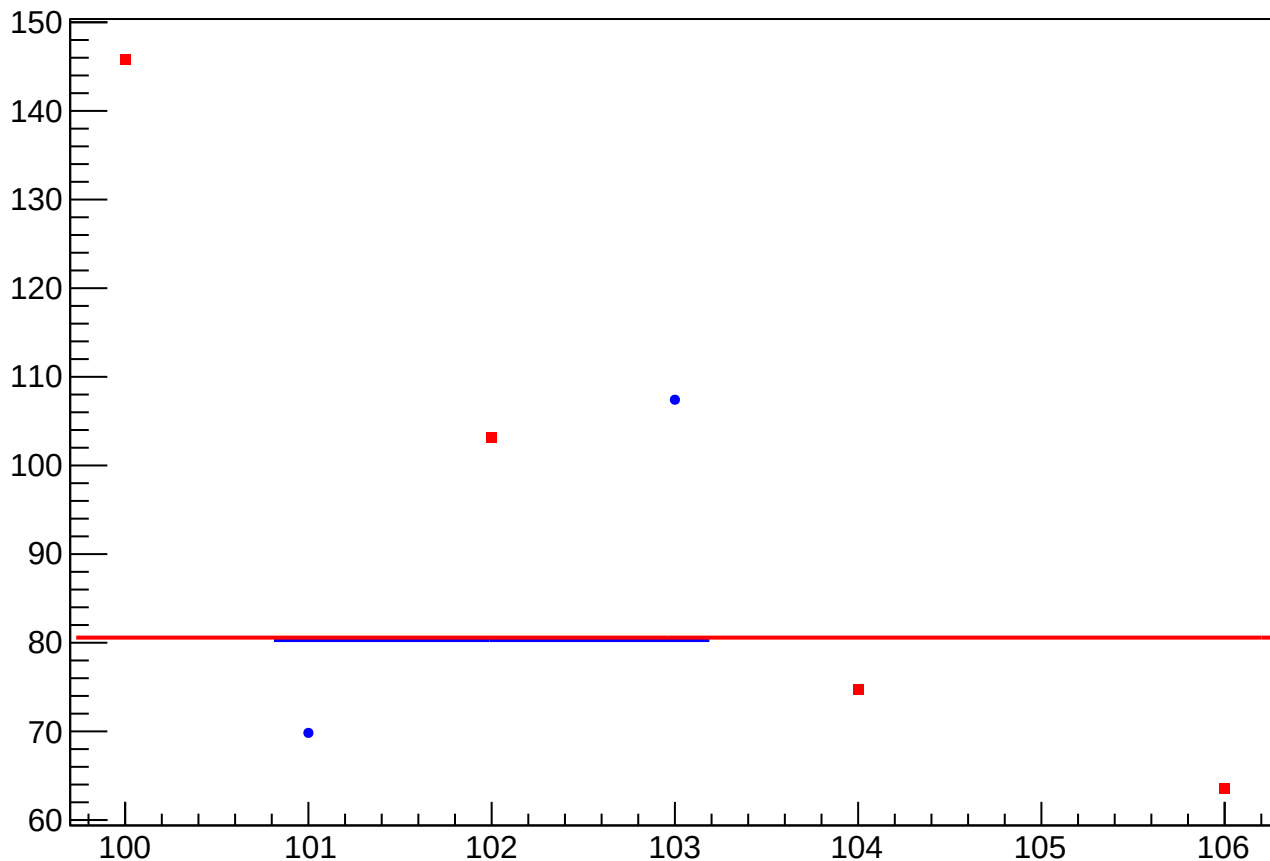
Right: 177.911 $\pm$ 50.285 χ^2 /NDF: 2.5/5

In: 152.530 $\pm$ 73.789 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.911 $\pm$ 50.285 χ^2 /NDF: 2.5/5

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.580+/-0.049 χ^2/NDF : 131270.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

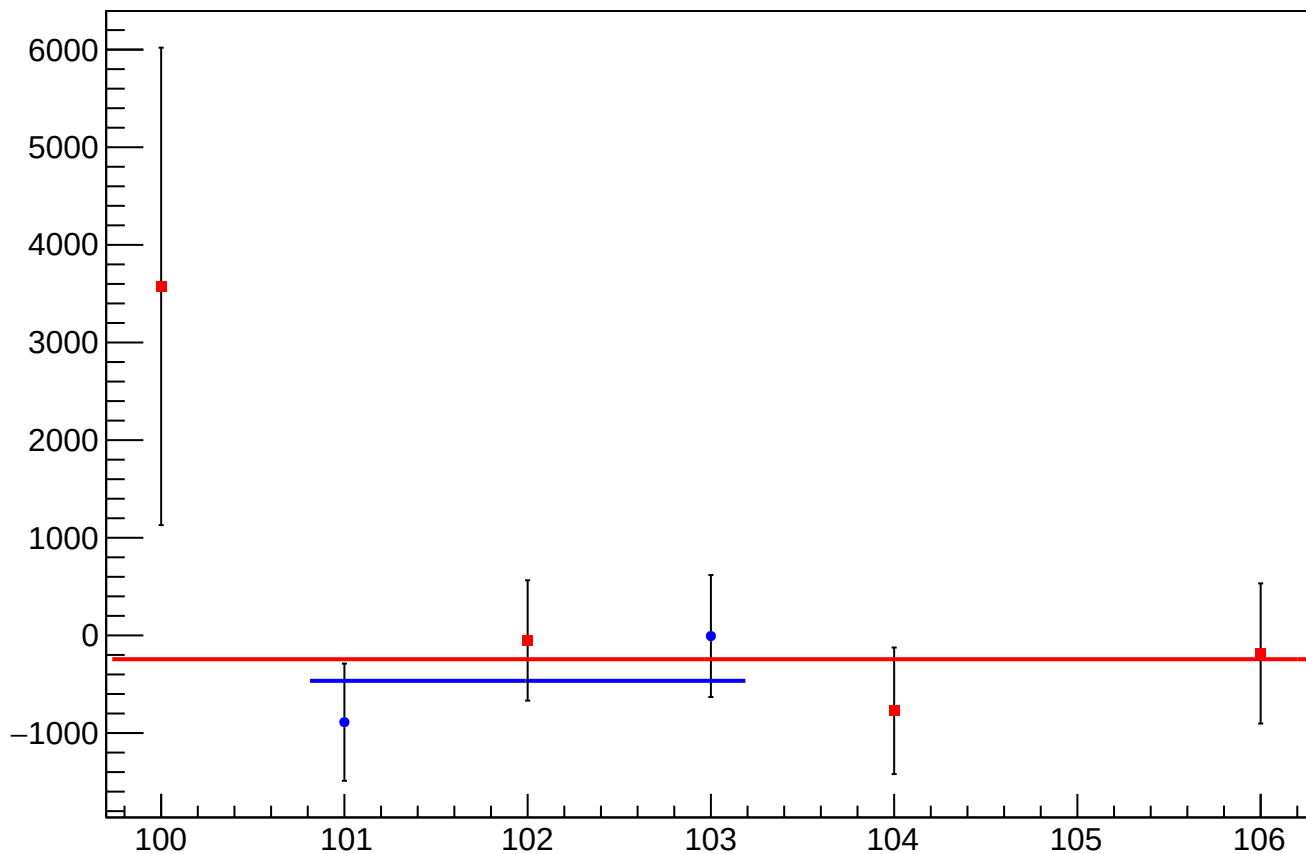
Right: 80.452+/-0.036 χ^2/NDF : 235582.1/5

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.452+/-0.036 χ^2/NDF : 235582.1/5

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -465.143+/-432.865 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.660+/-374.801 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

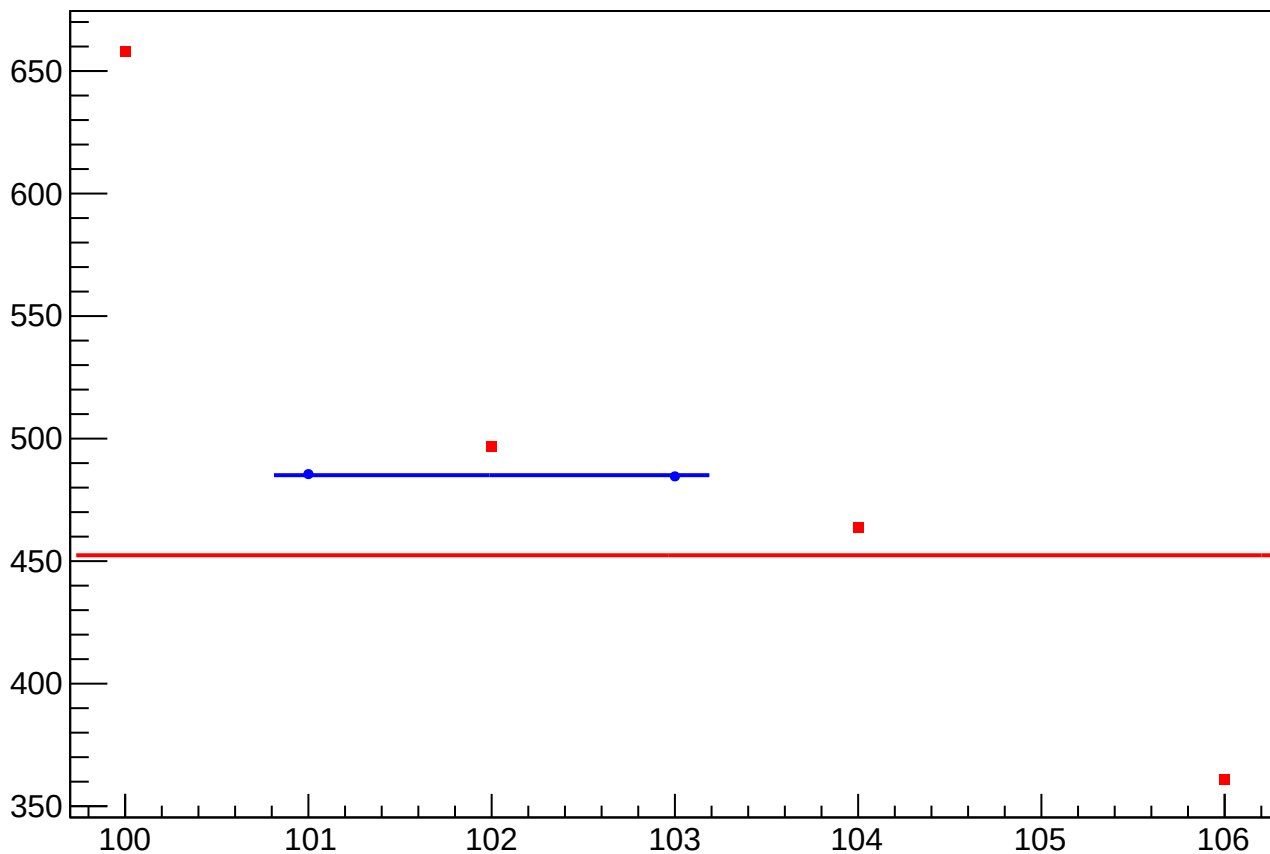
Right: -338.561+/-283.346 χ^2/NDF : 4.4/5

In: -465.143+/-432.865 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -338.561+/-283.346 χ^2/NDF : 4.4/5

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 485.071 ± 0.306 $\chi^2/\text{NDF}: 2.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 452.388 ± 0.265 $\chi^2/\text{NDF}: 57538.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

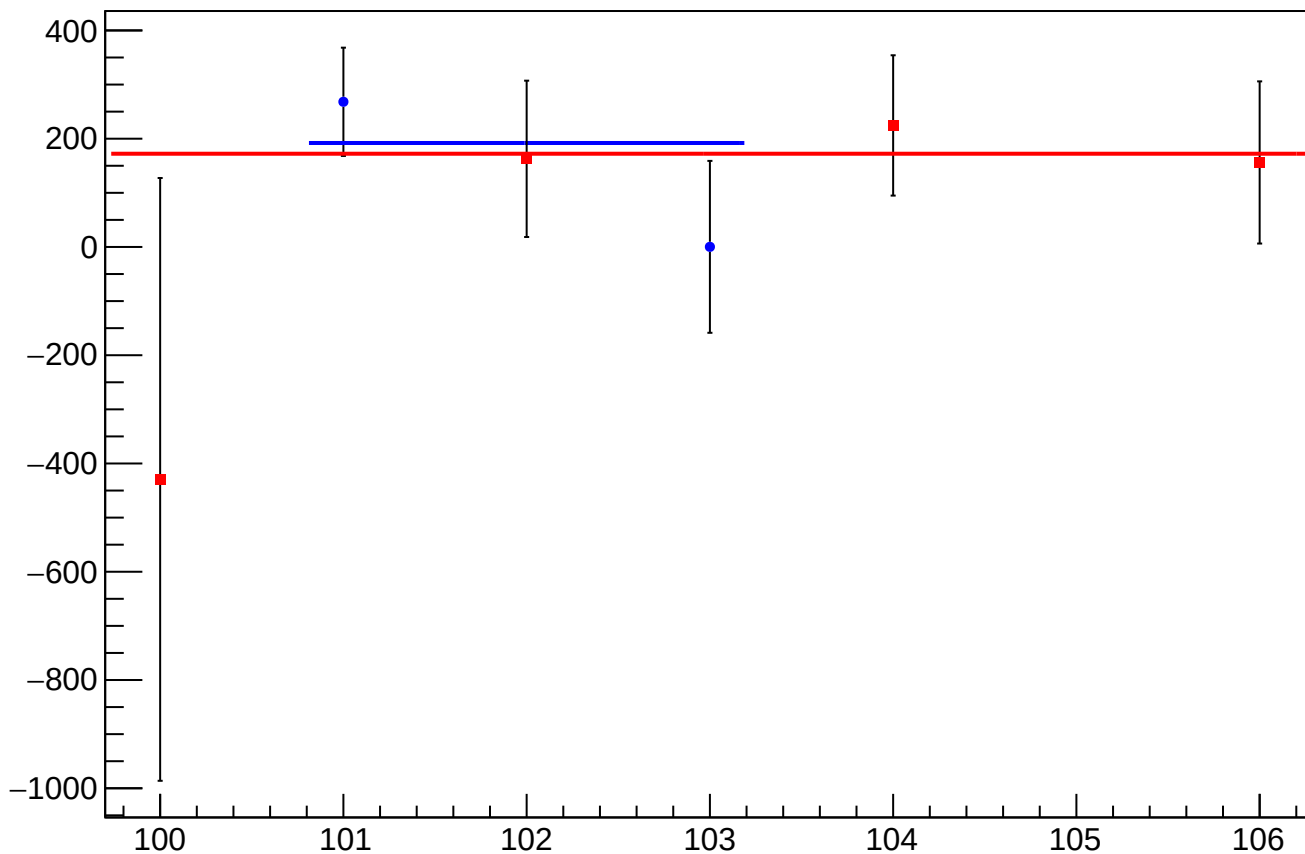
Right: 466.392 ± 0.200 $\chi^2/\text{NDF}: 64056.9/5$

In: 485.071 ± 0.306 $\chi^2/\text{NDF}: 2.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 466.392 ± 0.200 $\chi^2/\text{NDF}: 64056.9/5$

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 192.073 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 172.230 $\pm$ 80.253 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

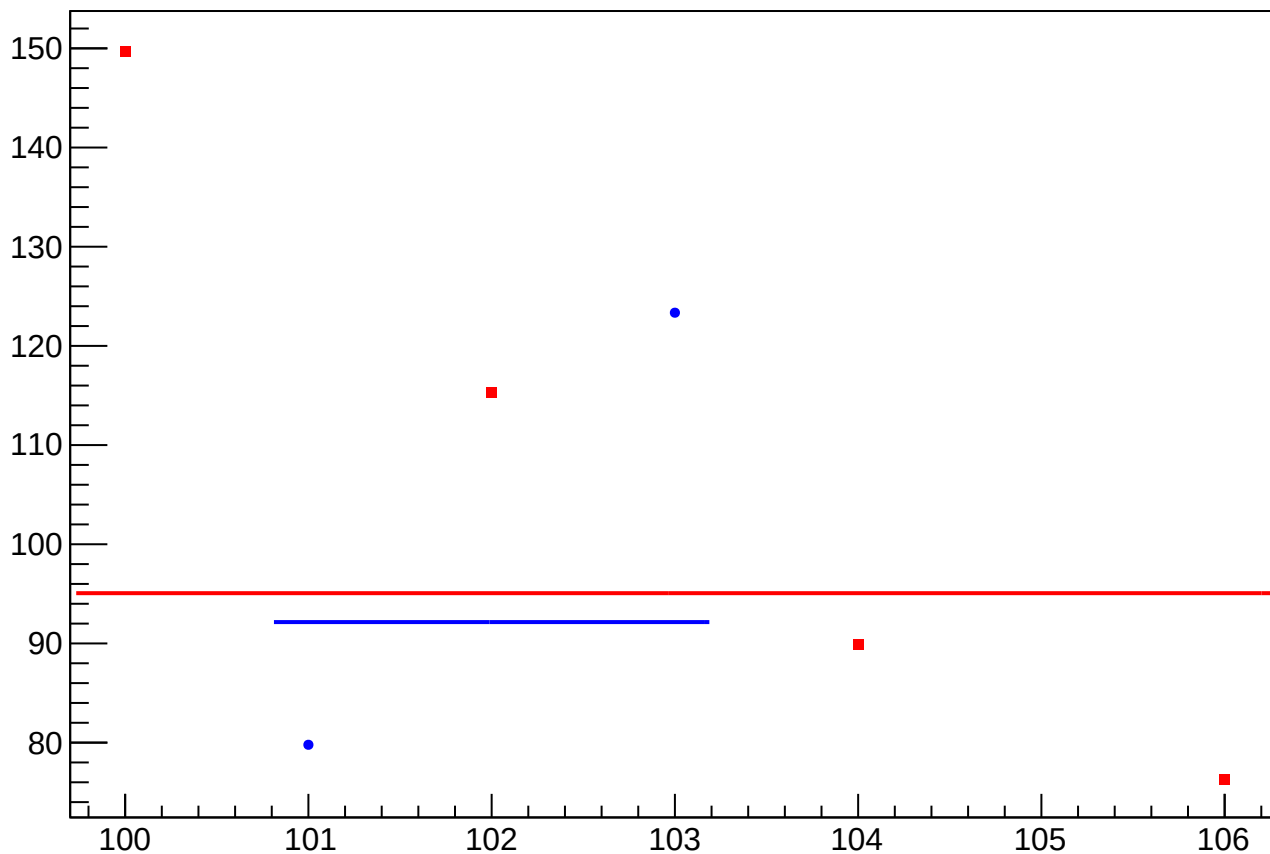
Right: 181.627 $\pm$ 58.229 χ^2 /NDF: 3.4/5

In: 192.073 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.627 $\pm$ 58.229 χ^2 /NDF: 3.4/5

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 92.153+/-0.060 χ^2/NDF : 107790.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.068+/-0.057 χ^2/NDF : 93192.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

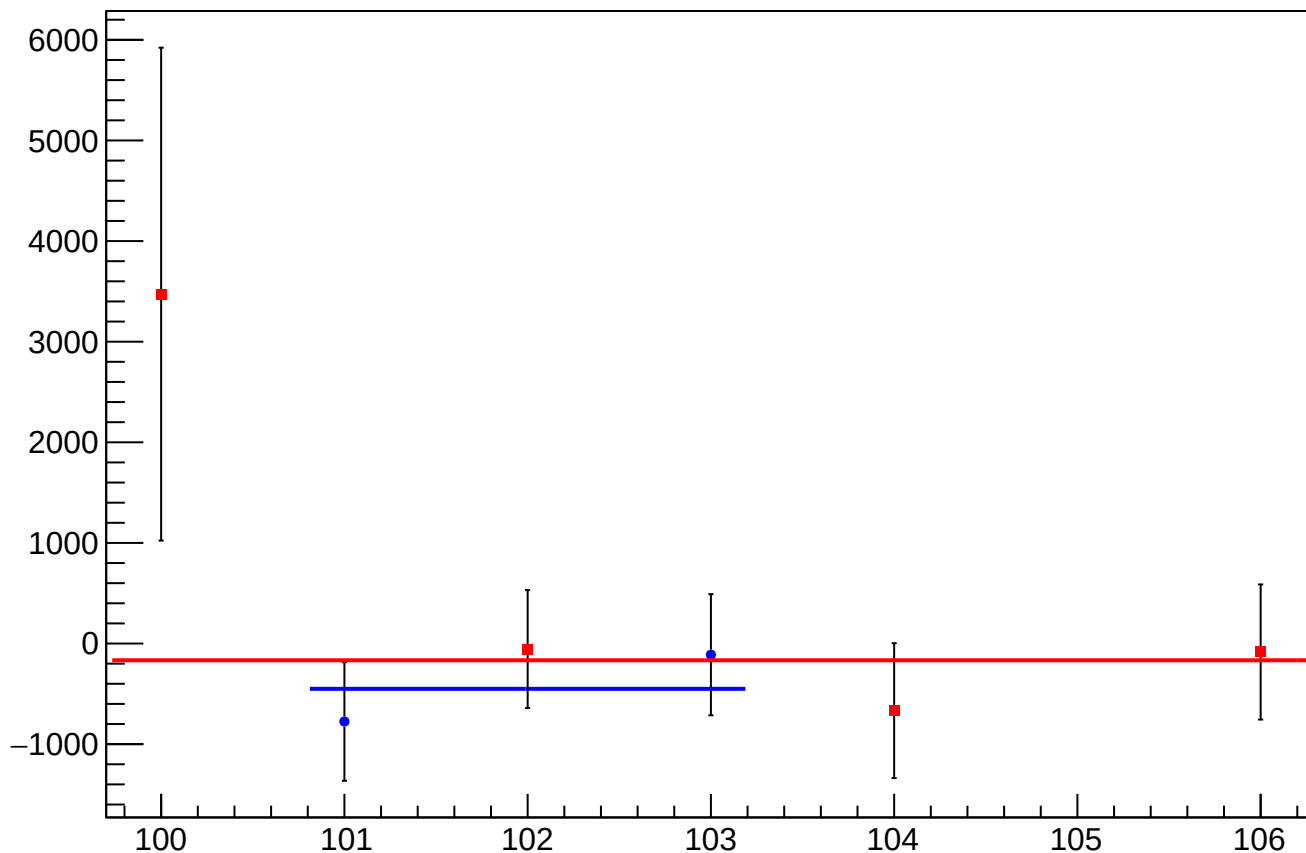
Right: 93.688+/-0.041 χ^2/NDF : 202232.5/5

In: 92.153+/-0.060 χ^2/NDF : 107790.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.688+/-0.041 χ^2/NDF : 202232.5/5

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -450.184+/-421.129 χ^2 /NDF: 0.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -166.401+/-364.646 χ^2 /NDF: 2.8/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

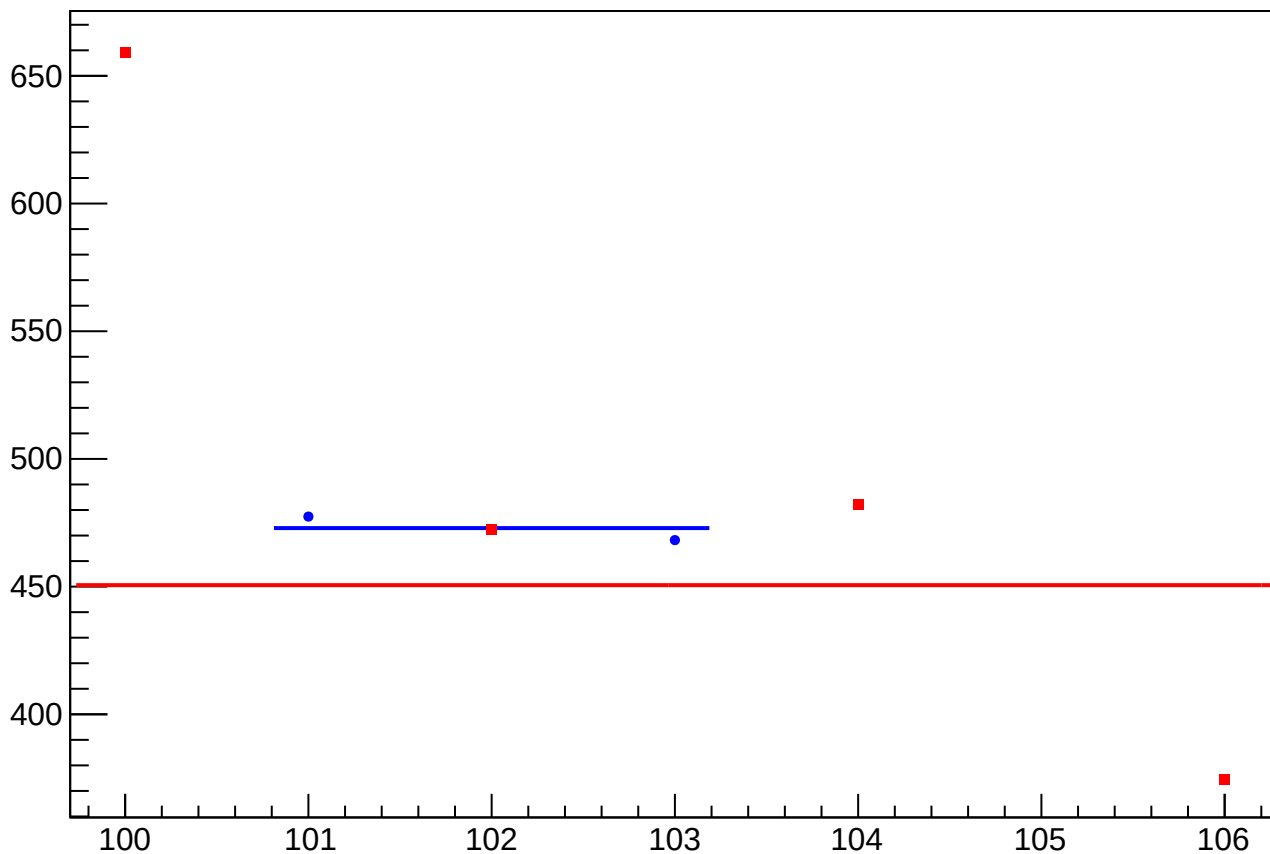
Right: -287.999+/-275.666 χ^2 /NDF: 3.7/5

In: -450.184+/-421.129 χ^2 /NDF: 0.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -287.999+/-275.666 χ^2 /NDF: 3.7/5

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.922+/-0.298 χ^2/NDF : 238.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 450.582+/-0.258 χ^2/NDF : 47498.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

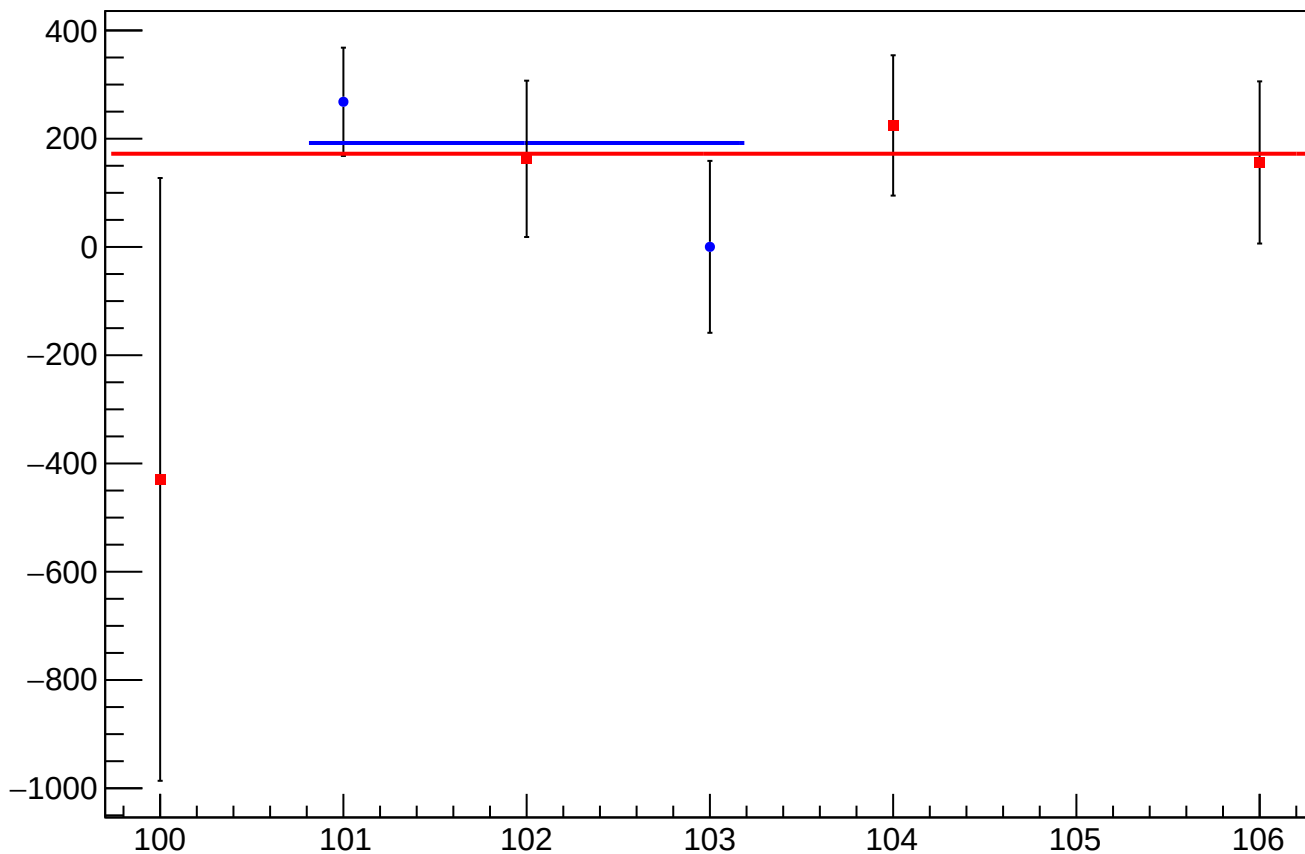
Right: 460.154+/-0.195 χ^2/NDF : 50953.4/5

In: 472.922+/-0.298 χ^2/NDF : 238.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.154+/-0.195 χ^2/NDF : 50953.4/5

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 192.077 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 172.230 $\pm$ 80.253 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

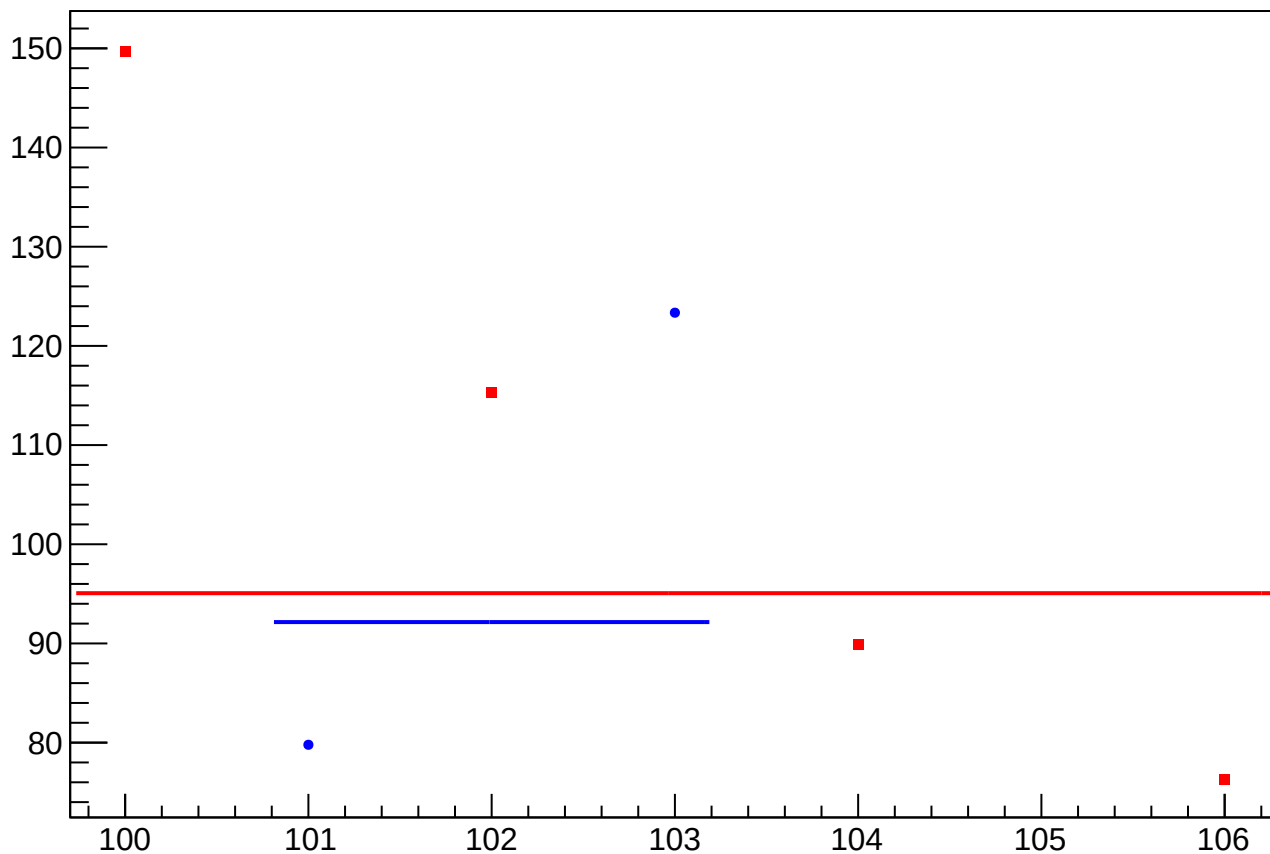
Right: 181.628 $\pm$ 58.229 χ^2 /NDF: 3.4/5

In: 192.077 $\pm$ 84.616 χ^2 /NDF: 2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.628 $\pm$ 58.229 χ^2 /NDF: 3.4/5

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 92.154+/-0.060 χ^2/NDF : 107791.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.068+/-0.057 χ^2/NDF : 93194.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

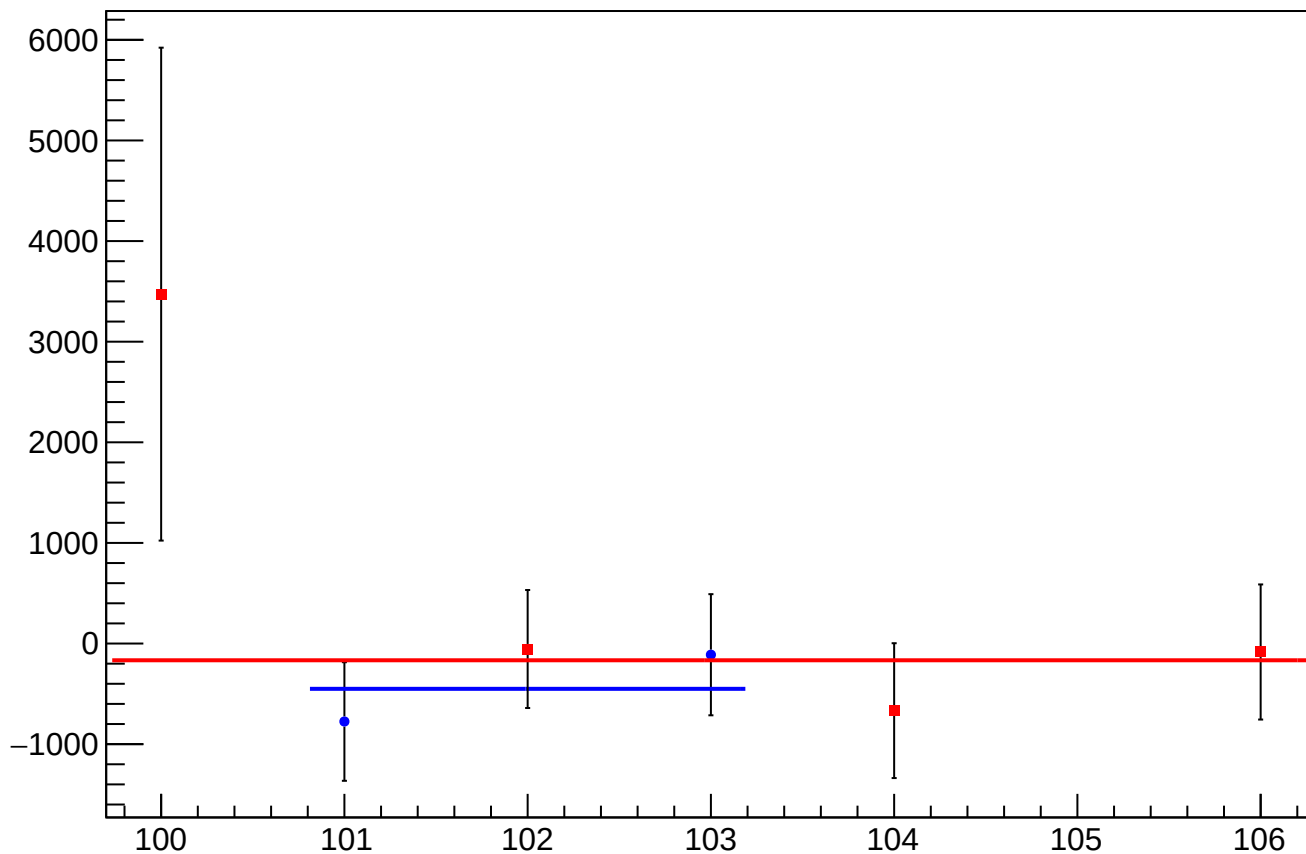
Right: 93.688+/-0.041 χ^2/NDF : 202235.0/5

In: 92.154+/-0.060 χ^2/NDF : 107791.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.688+/-0.041 χ^2/NDF : 202235.0/5

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -450.182+/-421.127 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.402+/-364.645 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

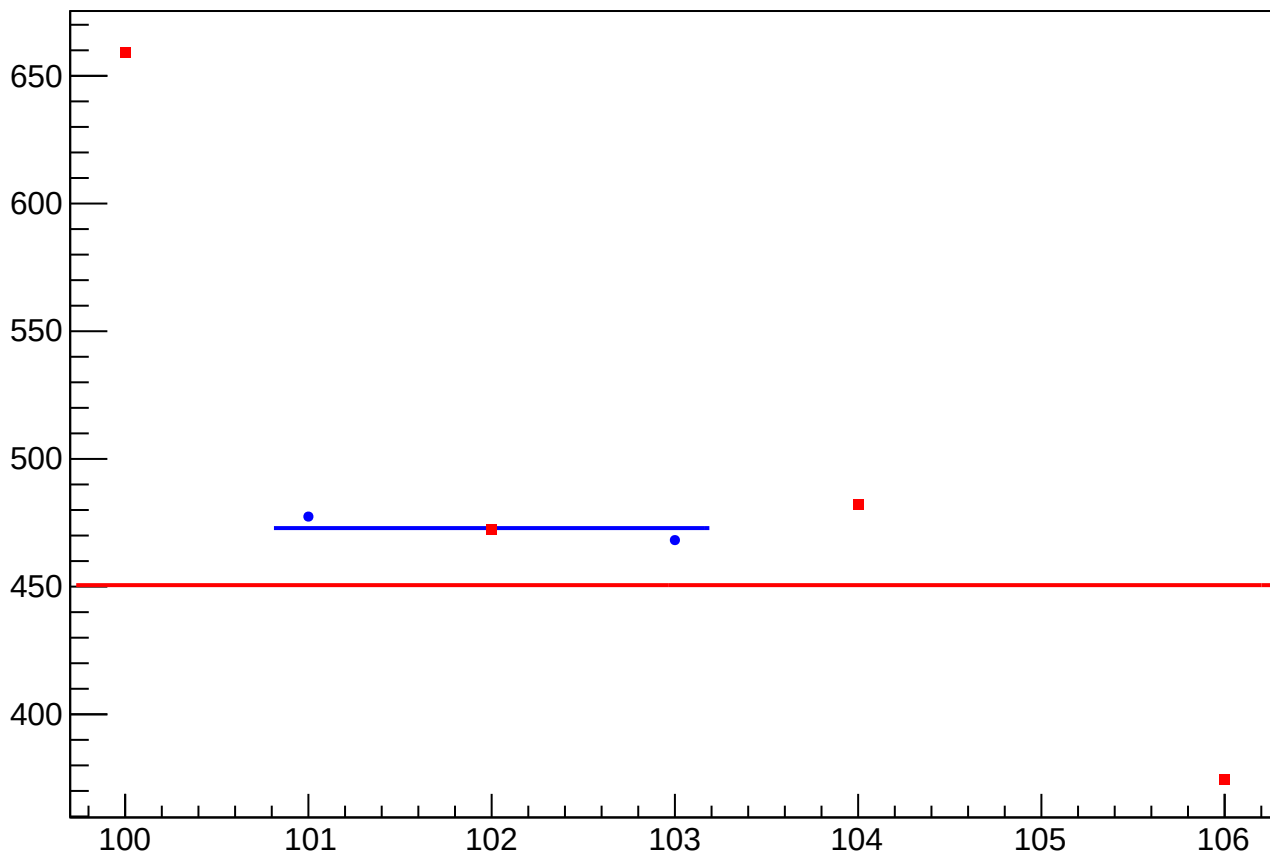
Right: -287.998+/-275.665 χ^2/NDF : 3.7/5

In: -450.182+/-421.127 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -287.998+/-275.665 χ^2/NDF : 3.7/5

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.920 ± 0.298 $\chi^2/\text{NDF}: 238.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 450.581 ± 0.258 $\chi^2/\text{NDF}: 47497.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

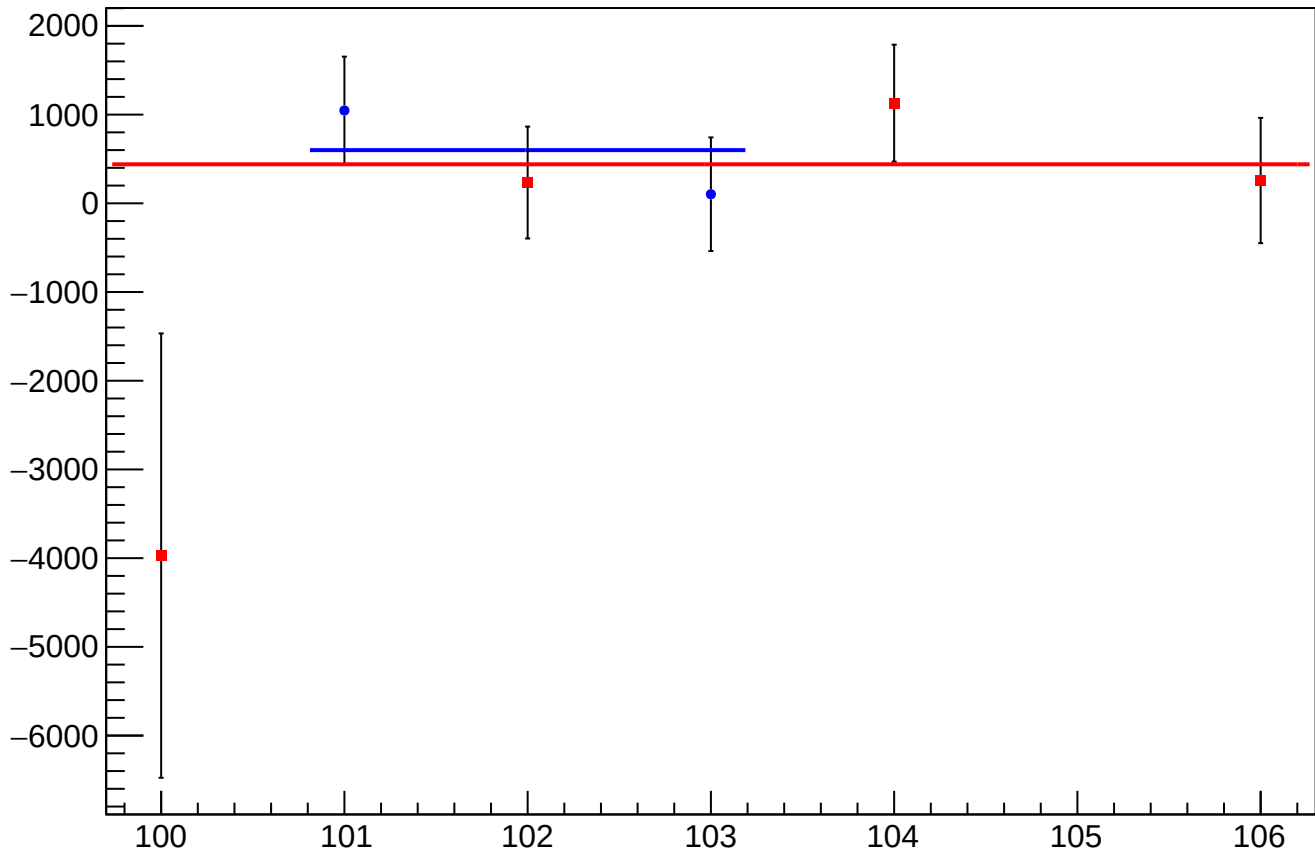
Right: 460.153 ± 0.195 $\chi^2/\text{NDF}: 50952.3/5$

In: 472.920 ± 0.298 $\chi^2/\text{NDF}: 238.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 460.153 ± 0.195 $\chi^2/\text{NDF}: 50952.3/5$

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 599.630 $\pm$ 440.662 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 439.955 $\pm$ 378.476 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

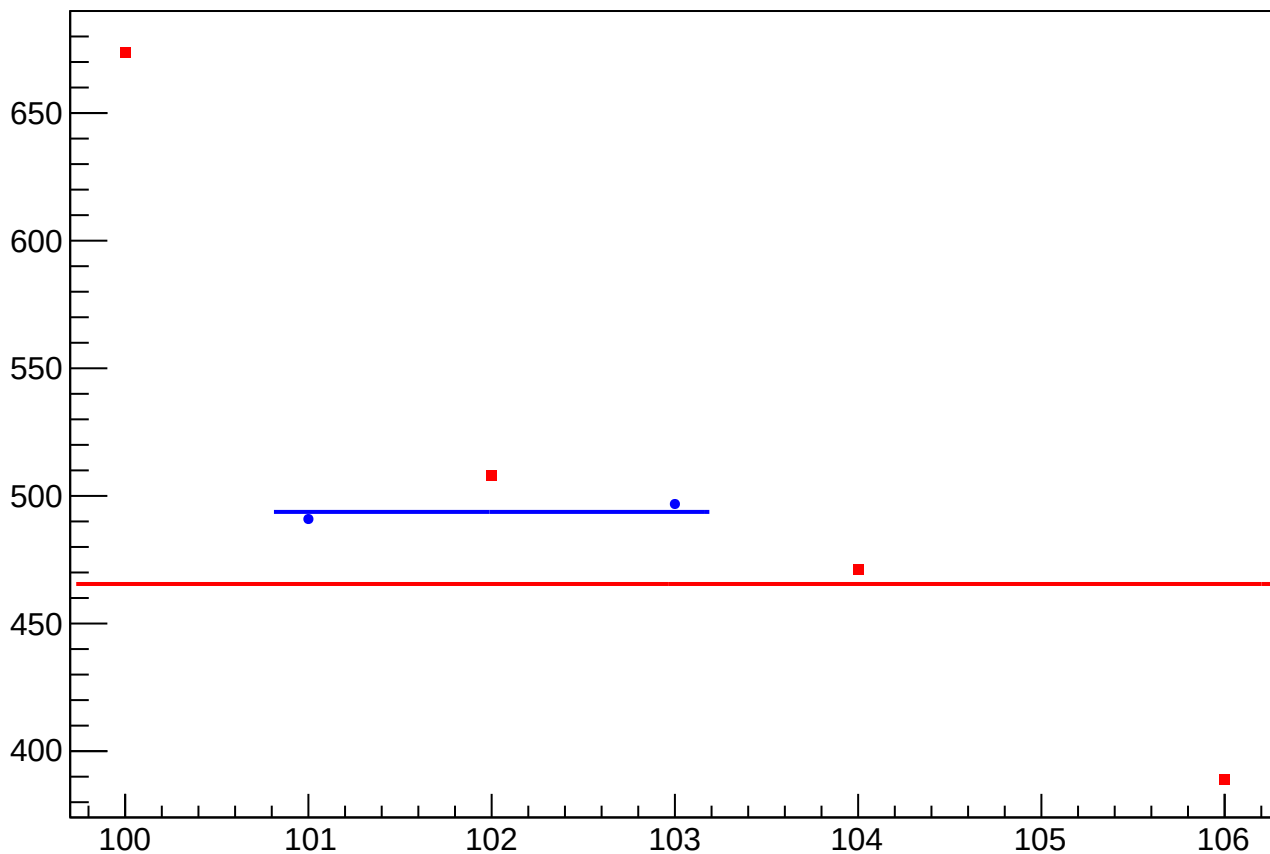
Right: 507.740 $\pm$ 287.114 χ^2 /NDF: 5.6/5

In: 599.630 $\pm$ 440.662 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 507.740 $\pm$ 287.114 χ^2 /NDF: 5.6/5

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 493.735+/-0.312 χ^2/NDF : 89.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.495+/-0.268 χ^2/NDF : 46661.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

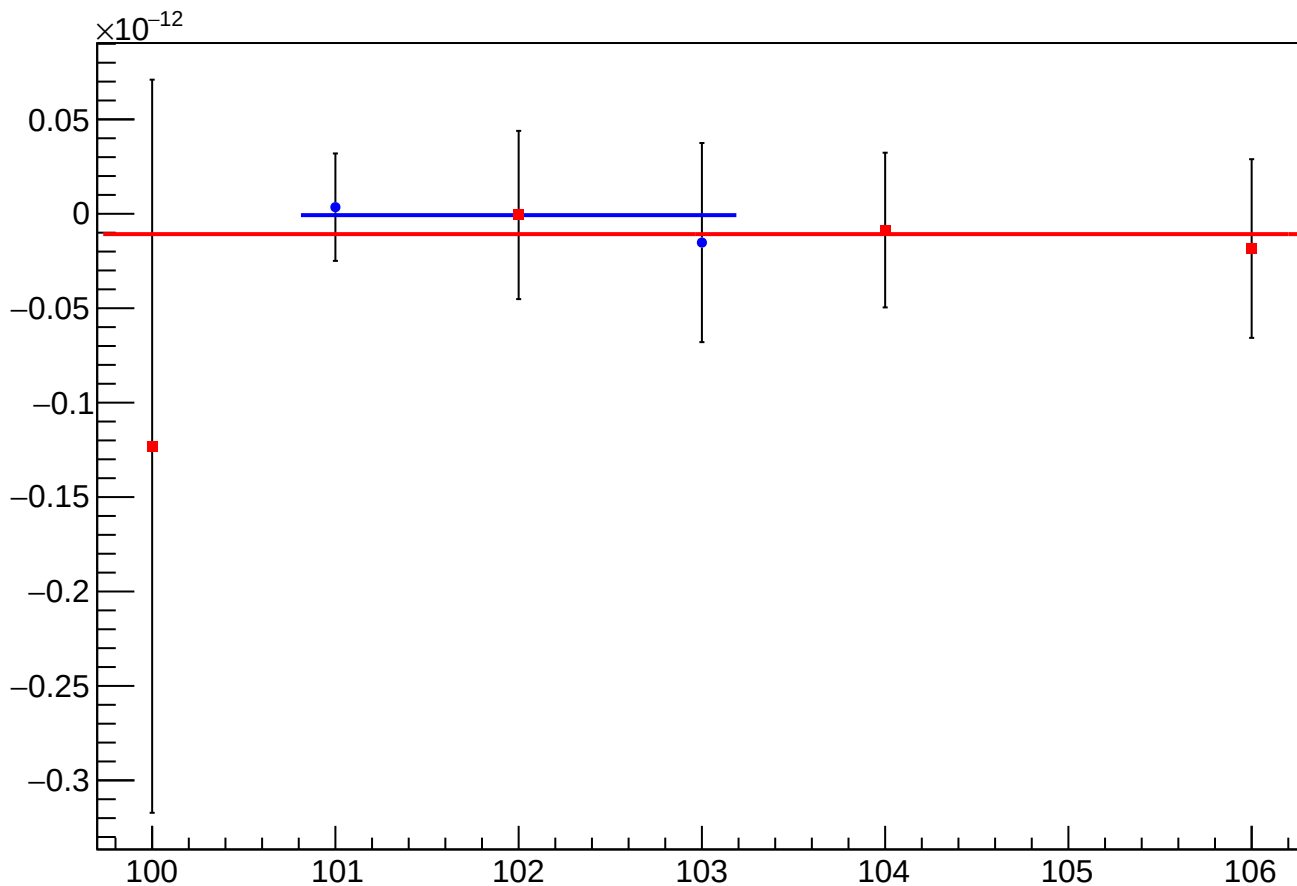
Right: 477.483+/-0.203 χ^2/NDF : 51477.2/5

In: 493.735+/-0.312 χ^2/NDF : 89.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.483+/-0.203 χ^2/NDF : 51477.2/5

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

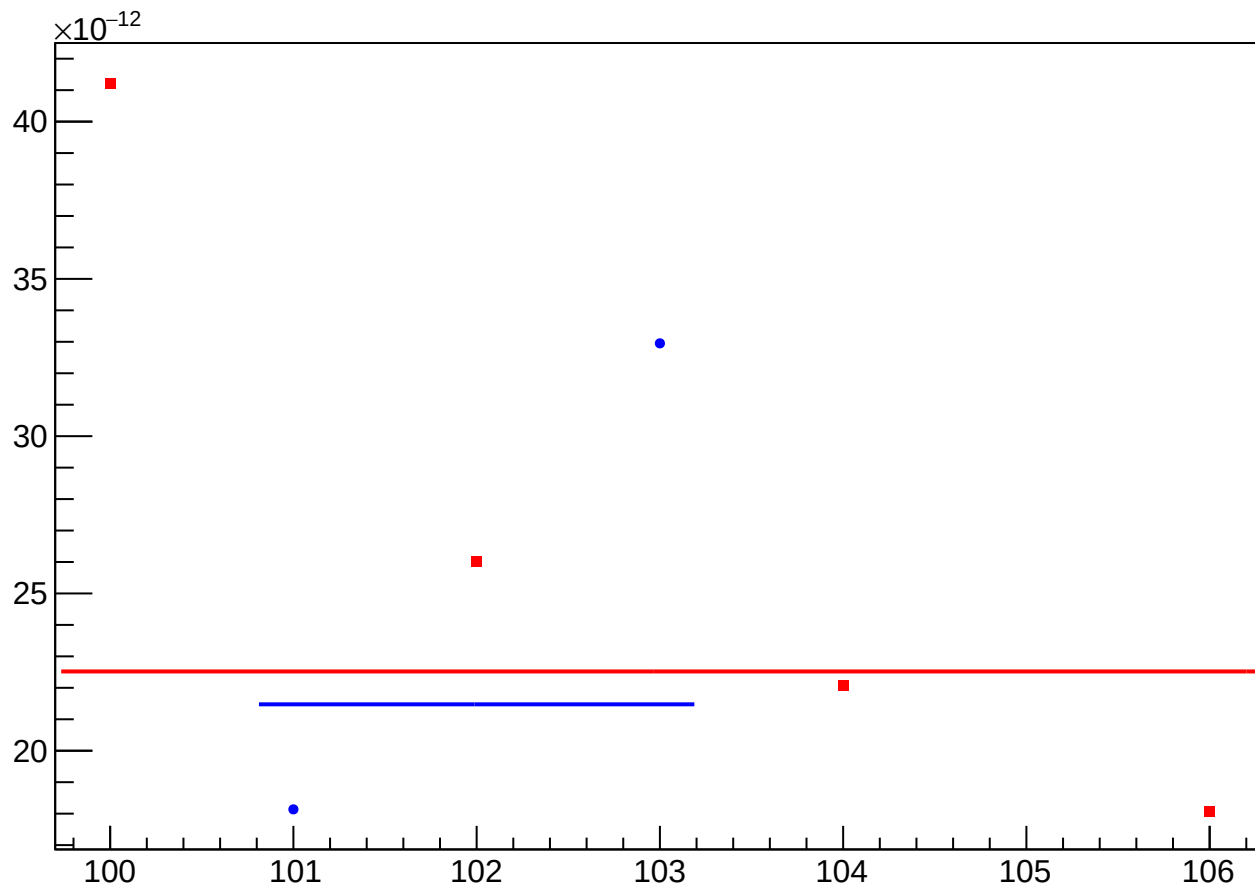
Right: -0.000+/-0.000 χ^2/NDF : 0.6/5

In: -0.000+/-0.000 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 0.6/5

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 122306.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 48848.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

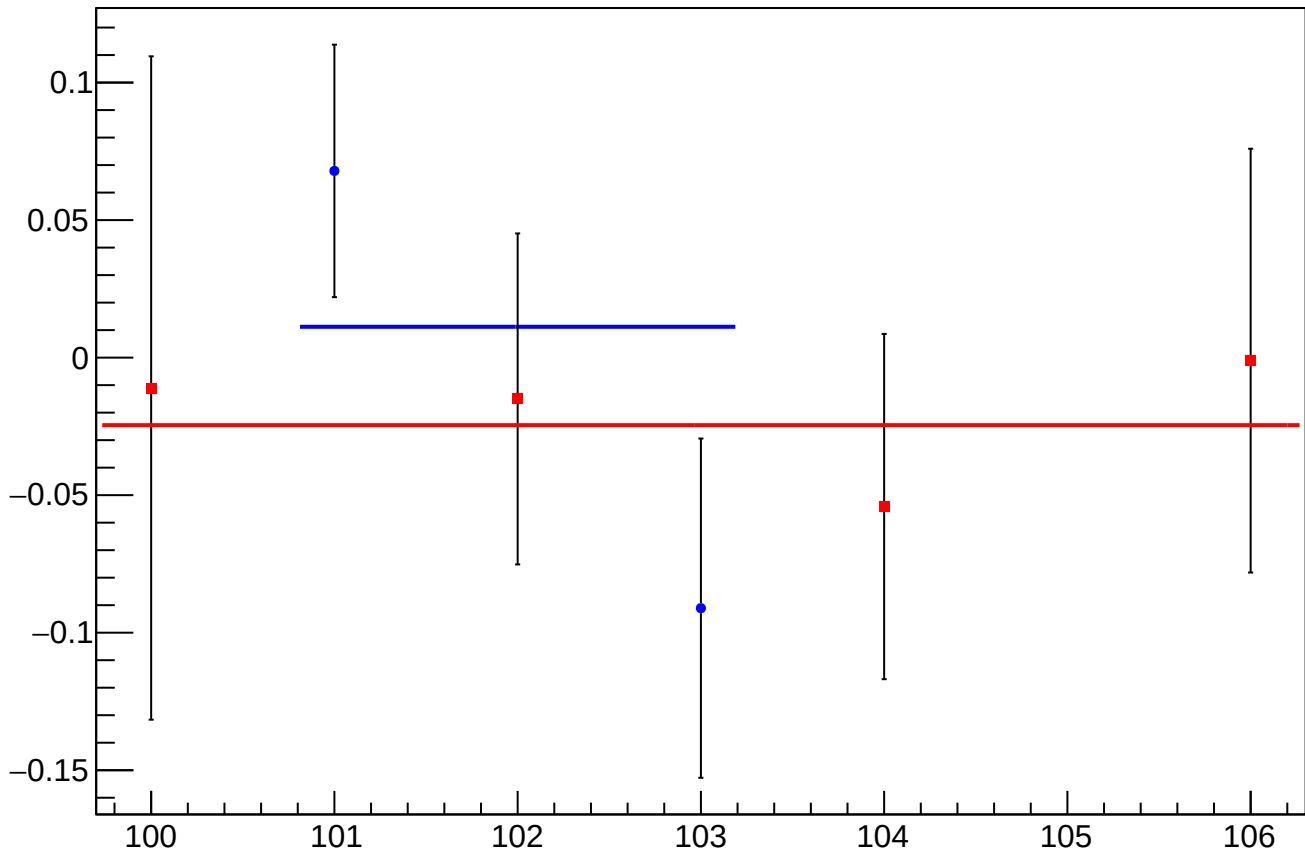
Right: 0.000+/-0.000 χ^2/NDF : 172884.7/5

In: 0.000+/-0.000 χ^2/NDF : 122306.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 172884.7/5

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.036 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

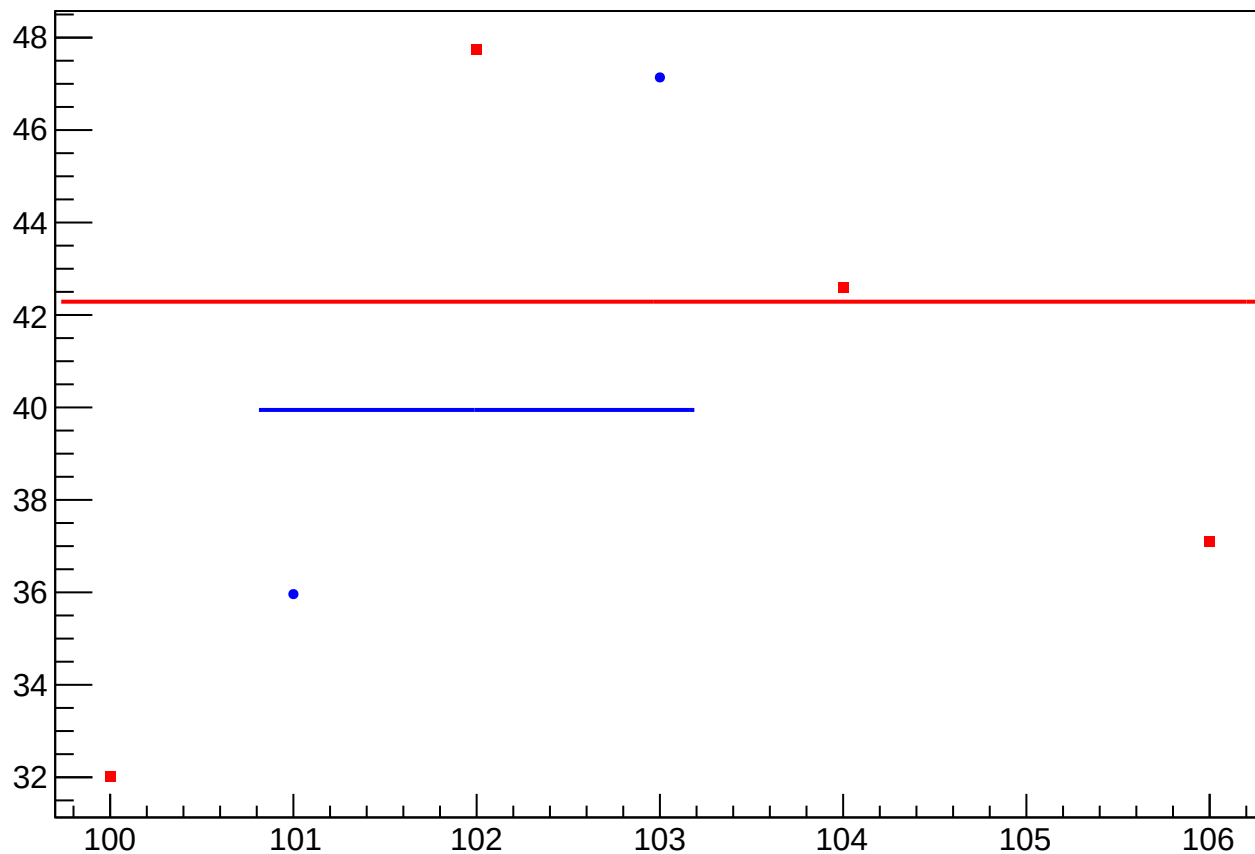
Right: -0.007+/-0.026 χ^2/NDF : 5.1/5

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.026 χ^2/NDF : 5.1/5

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.288+/-0.026 χ^2/NDF : 40094.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

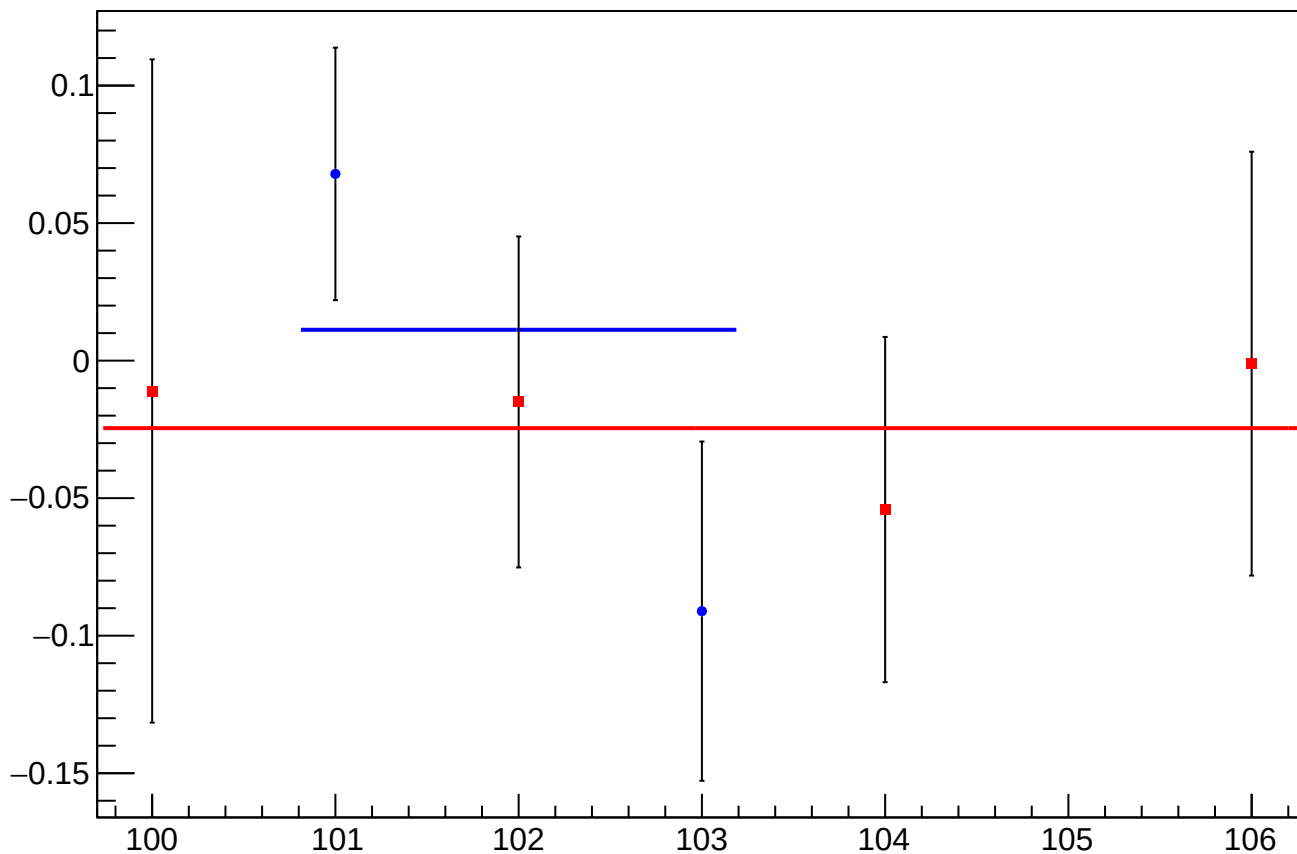
Right: 41.140+/-0.018 χ^2/NDF : 86498.0/5

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.140+/-0.018 χ^2/NDF : 86498.0/5

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.036 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

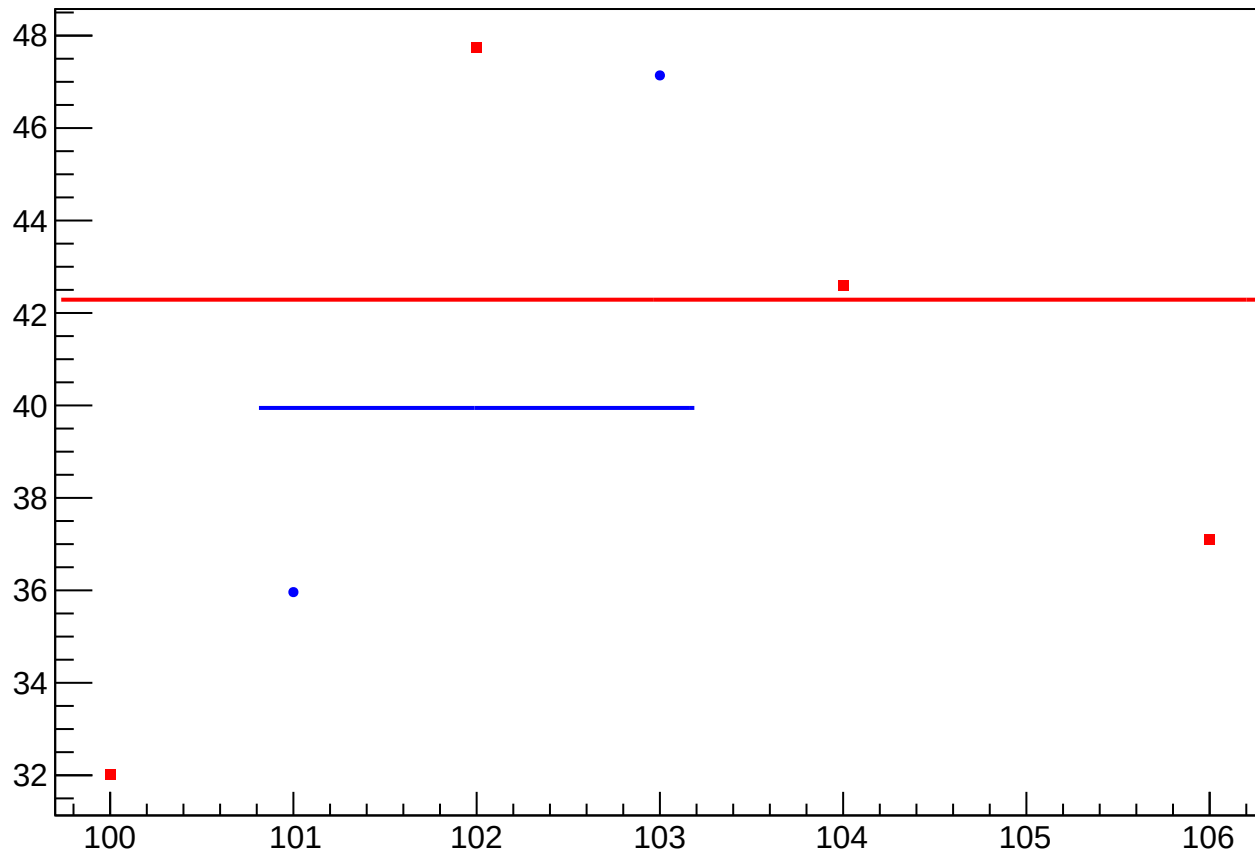
Right: -0.007+/-0.026 χ^2/NDF : 5.1/5

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.026 χ^2/NDF : 5.1/5

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.288+/-0.026 χ^2/NDF : 40094.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

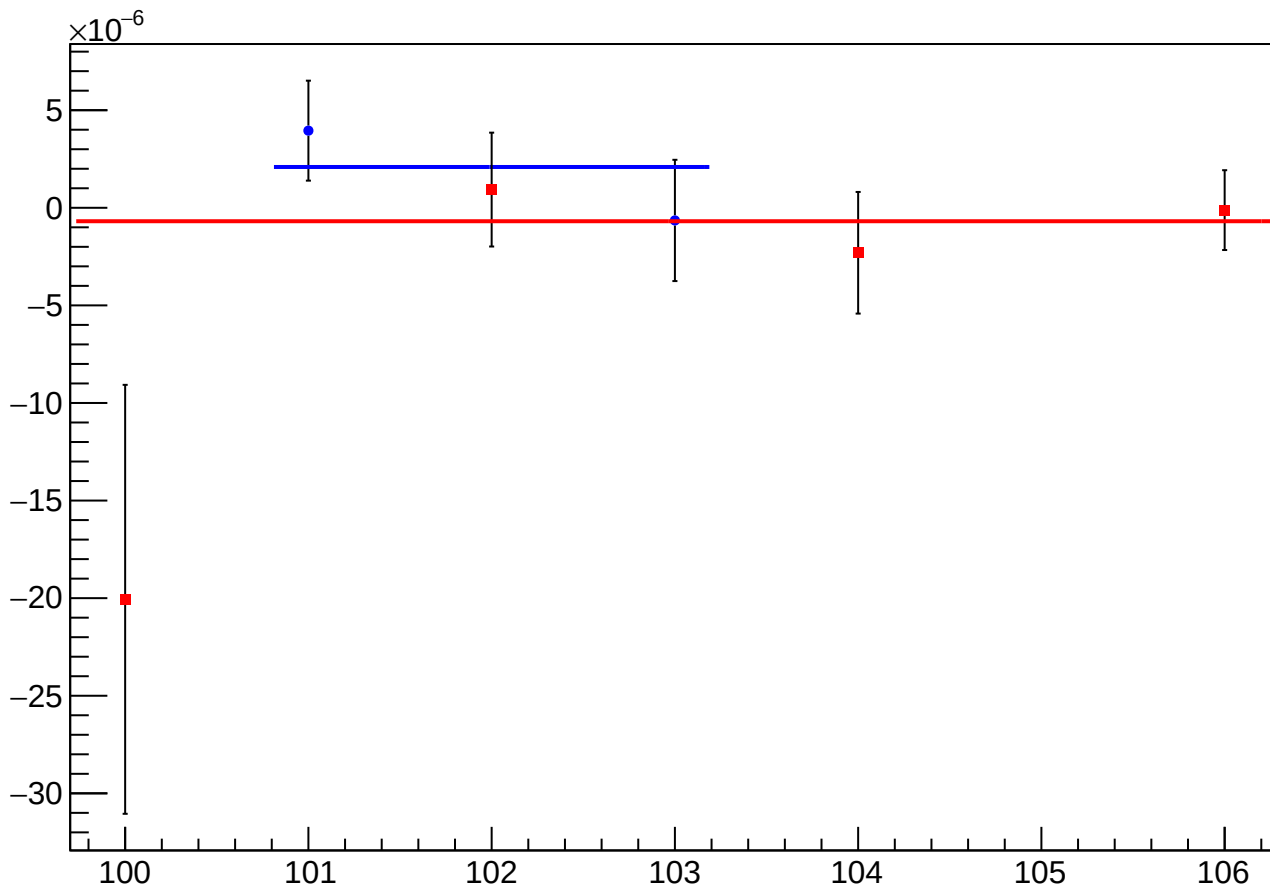
Right: 41.140+/-0.018 χ^2/NDF : 86498.0/5

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.140+/-0.018 χ^2/NDF : 86498.0/5

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

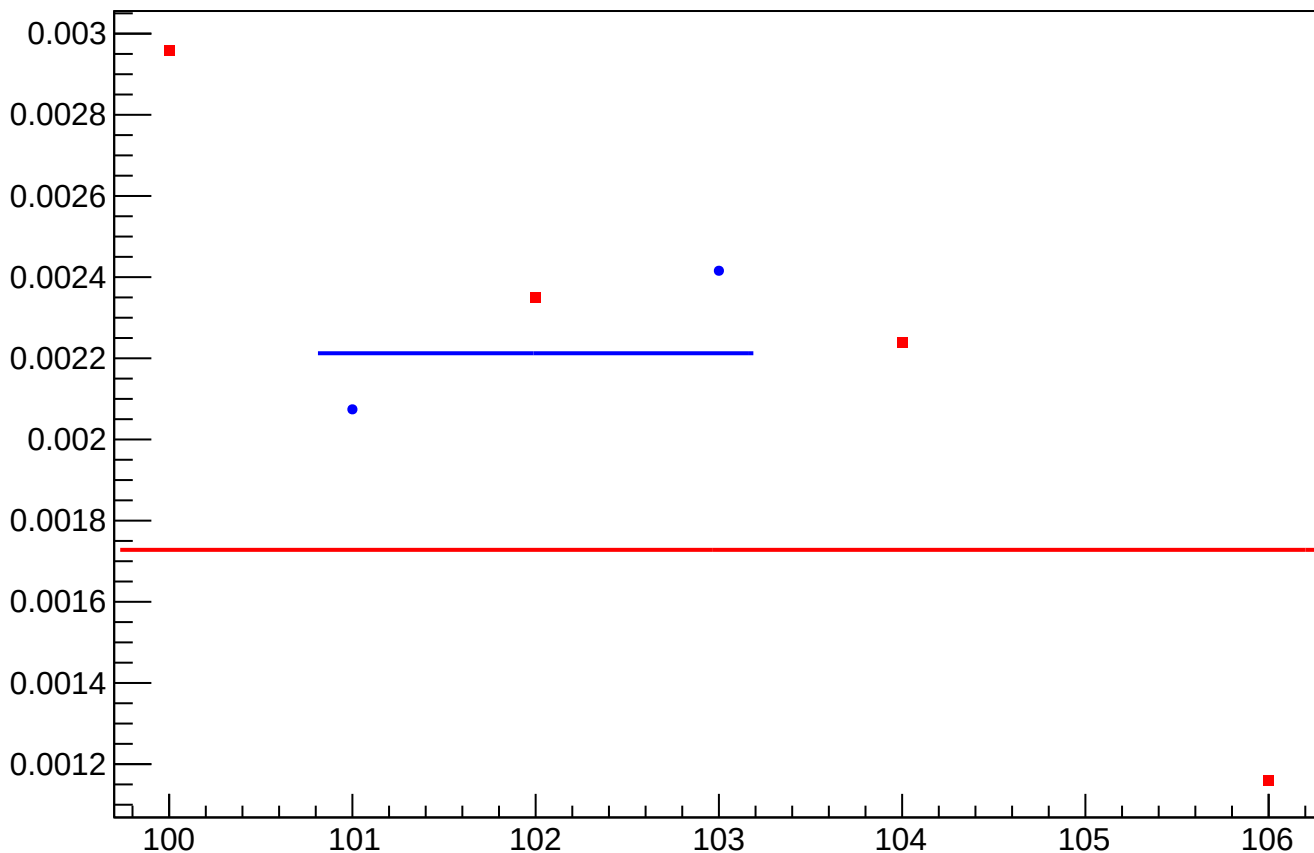
Right: 0.000+/-0.000 χ^2/NDF : 6.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.3/5

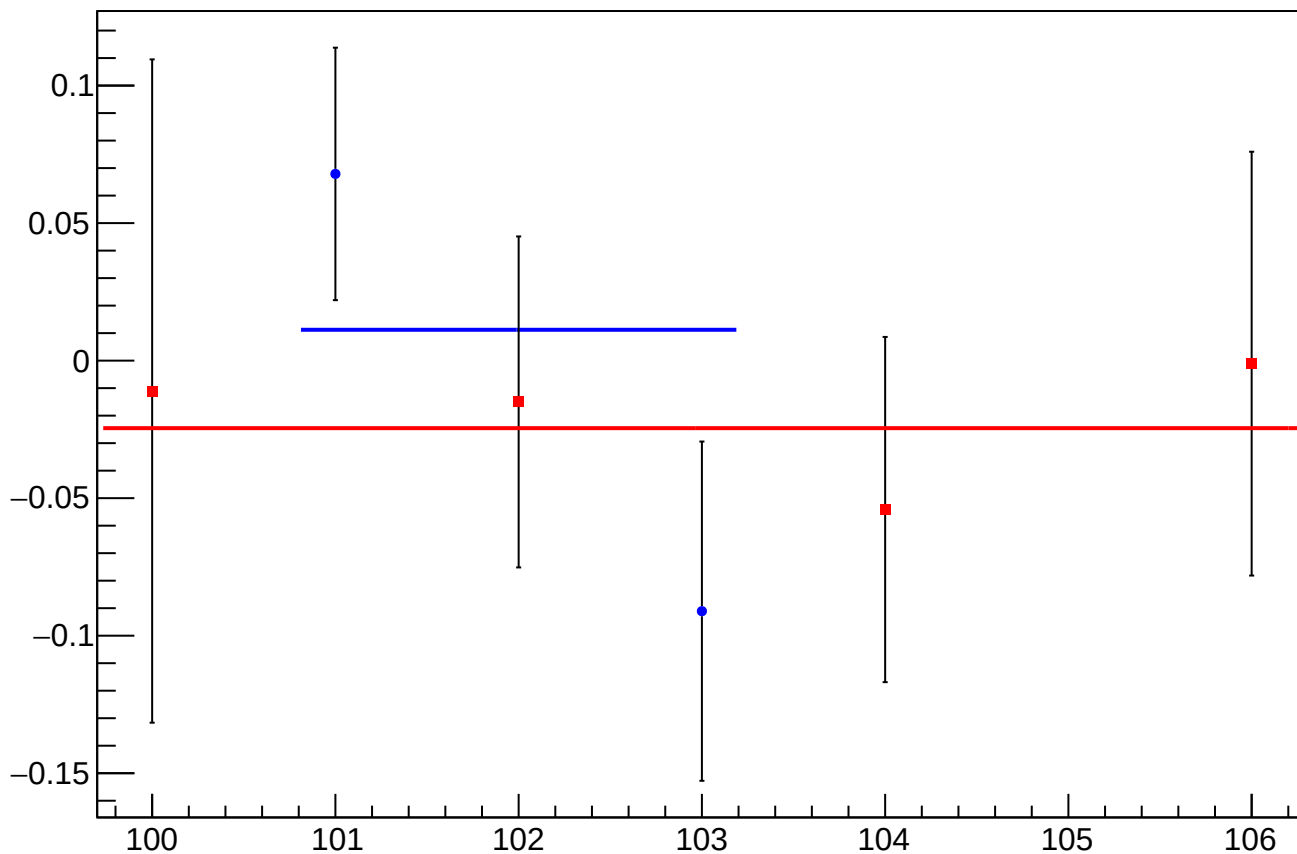
asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 14390.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 323608.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 415690.3/5
 In: 0.002+/-0.000 χ^2/NDF : 14390.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 415690.3/5

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.036 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

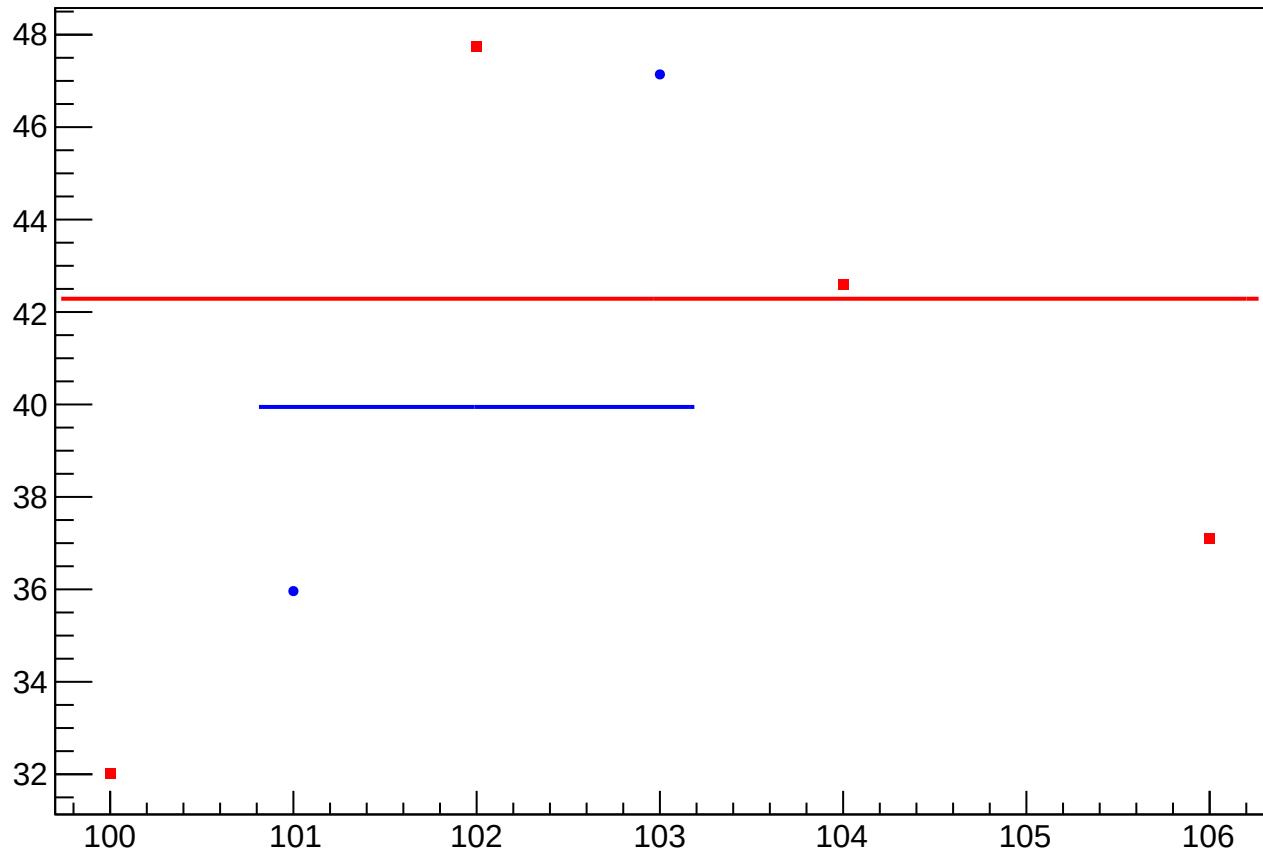
Right: -0.007+/-0.026 χ^2/NDF : 5.1/5

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.026 χ^2/NDF : 5.1/5

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947+/-0.026 χ^2/NDF : 42286.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.288+/-0.026 χ^2/NDF : 40100.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

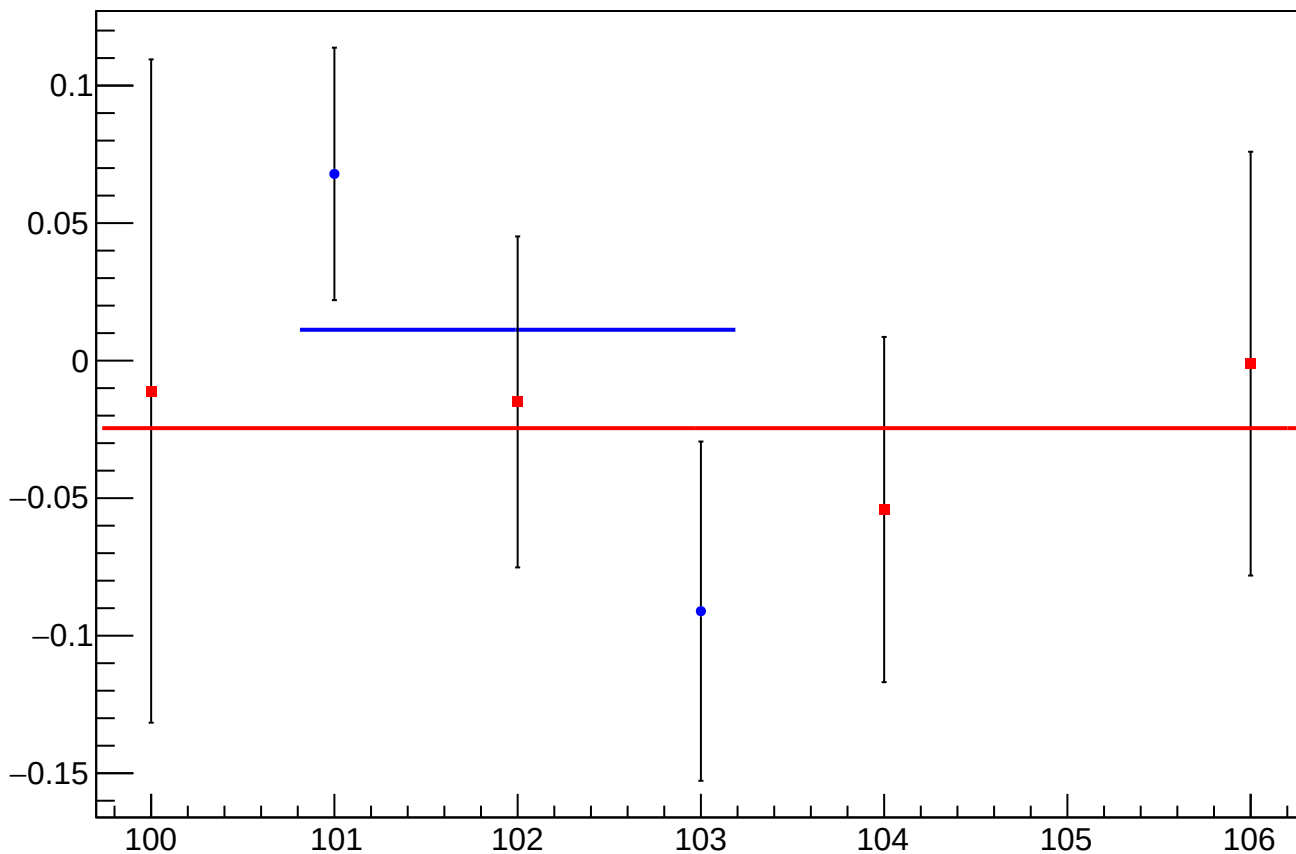
Right: 41.140+/-0.018 χ^2/NDF : 86510.3/5

In: 39.947+/-0.026 χ^2/NDF : 42286.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.140+/-0.018 χ^2/NDF : 86510.3/5

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.036 χ^2/NDF : 0.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

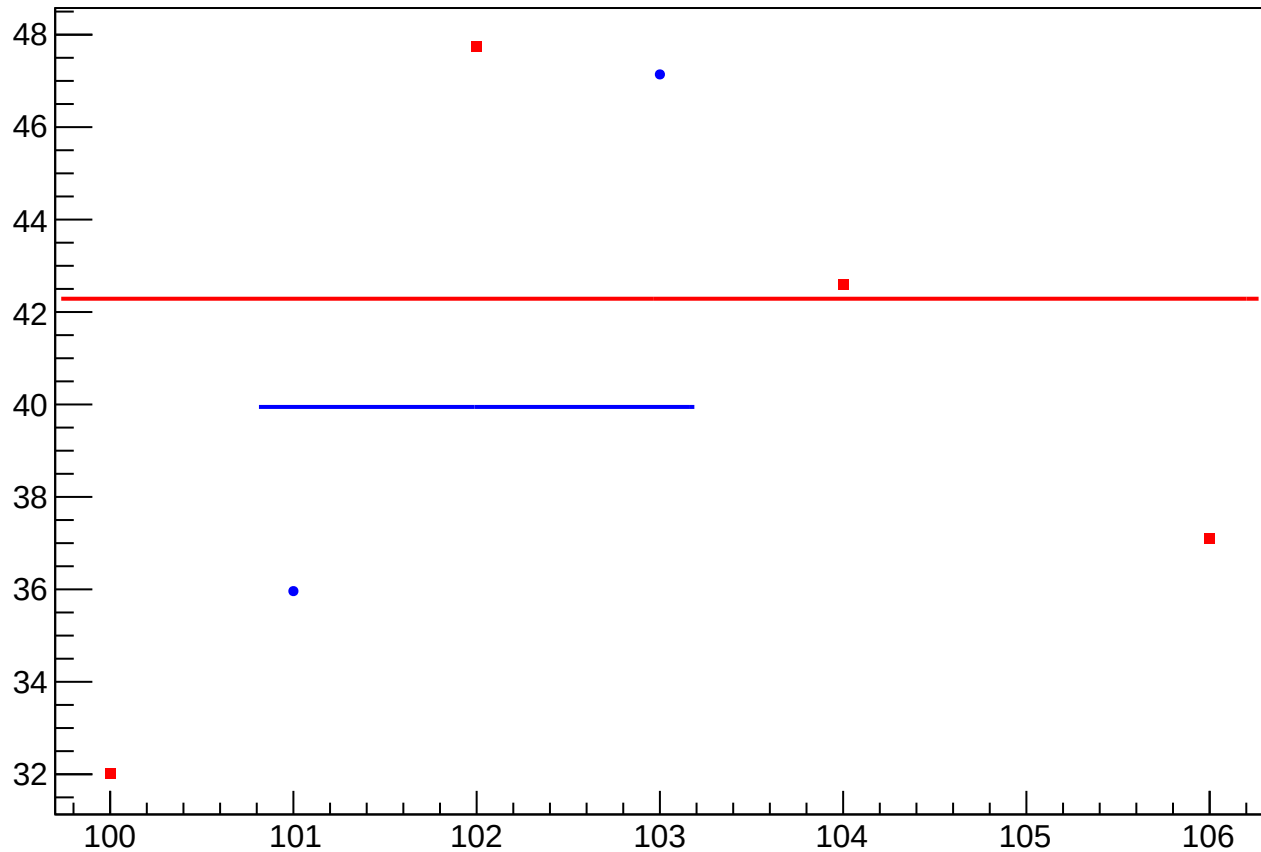
Right: -0.007+/-0.026 χ^2/NDF : 5.1/5

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.026 χ^2/NDF : 5.1/5

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947+/-0.026 χ^2/NDF : 42286.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.288+/-0.026 χ^2/NDF : 40100.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

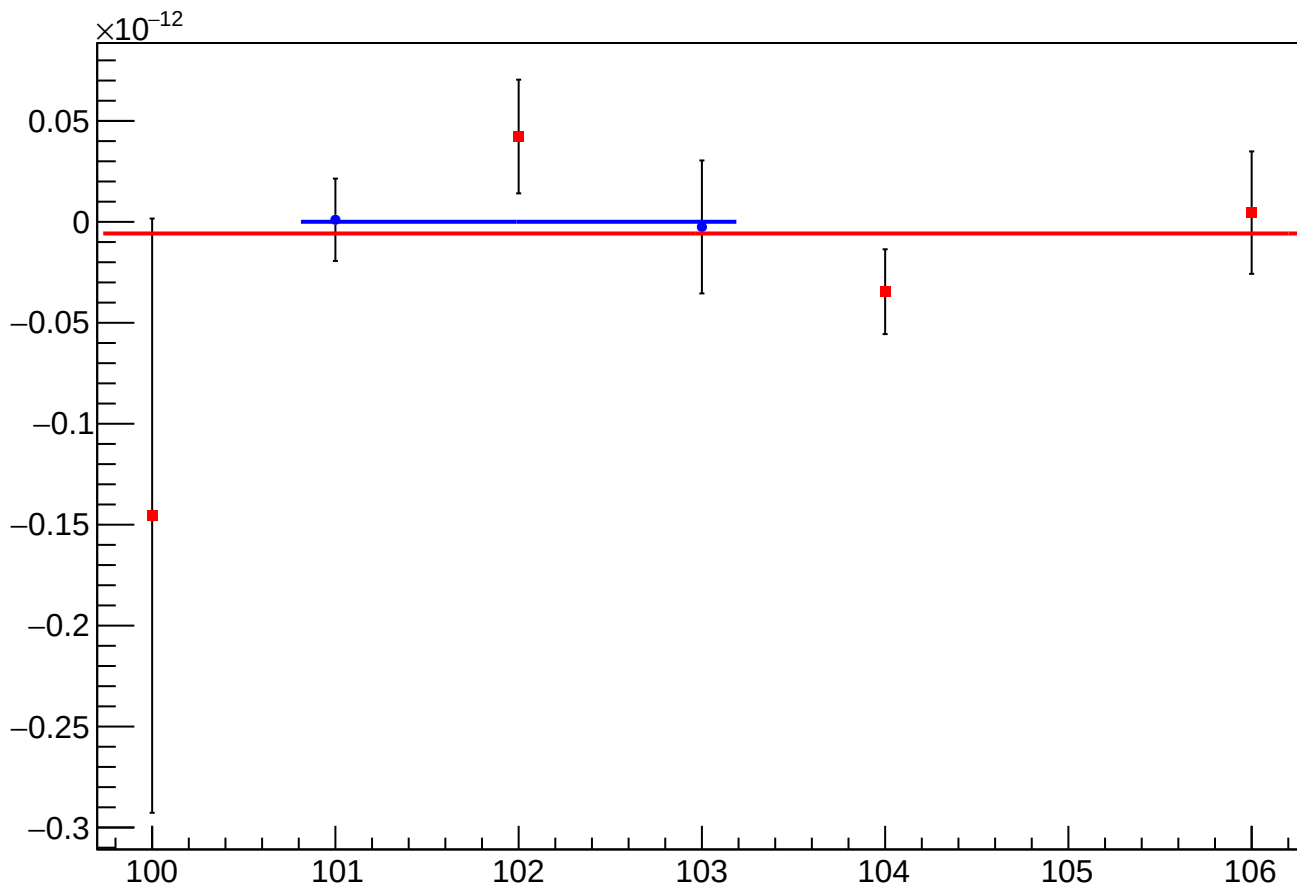
Right: 41.140+/-0.018 χ^2/NDF : 86510.3/5

In: 39.947+/-0.026 χ^2/NDF : 42286.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.140+/-0.018 χ^2/NDF : 86510.3/5

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

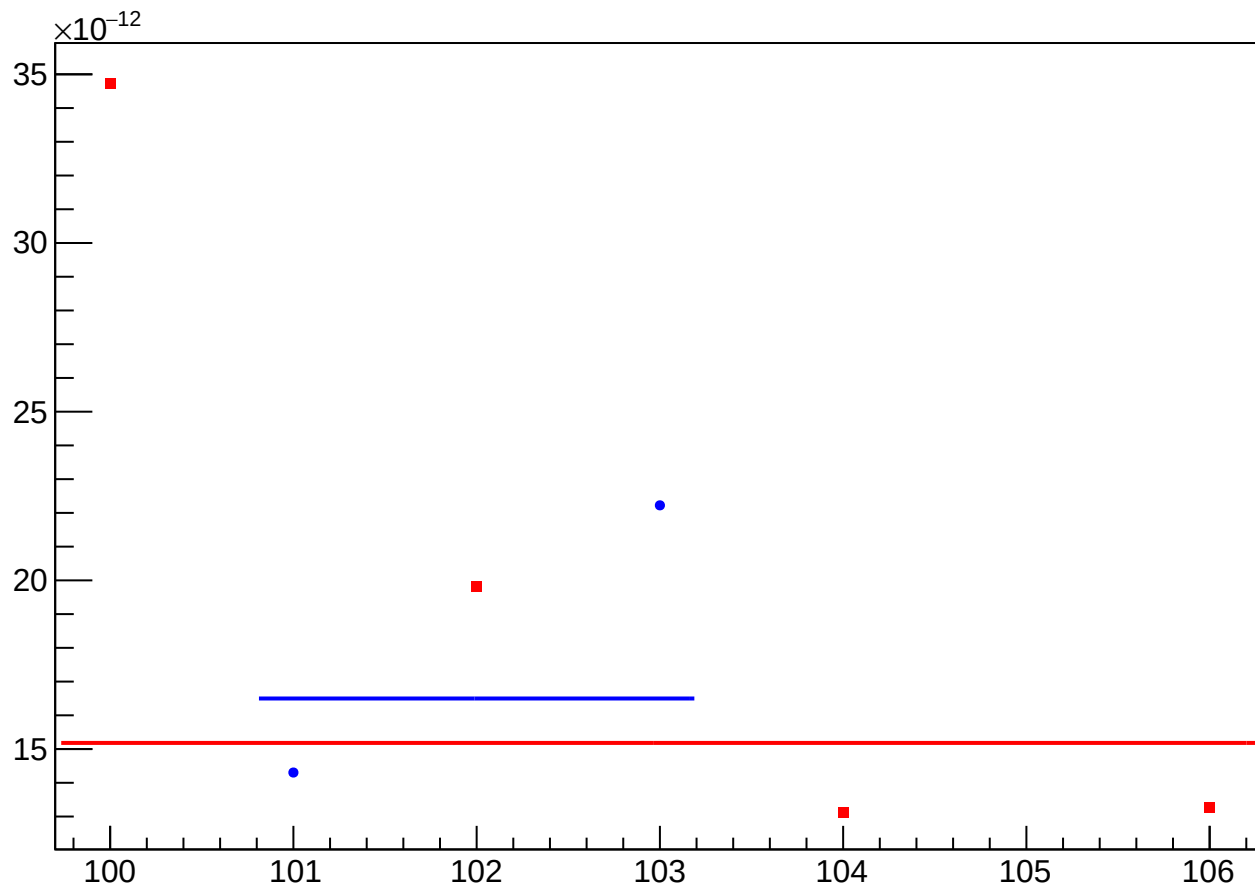
Right: -0.000+/-0.000 χ^2/NDF : 5.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.9/5

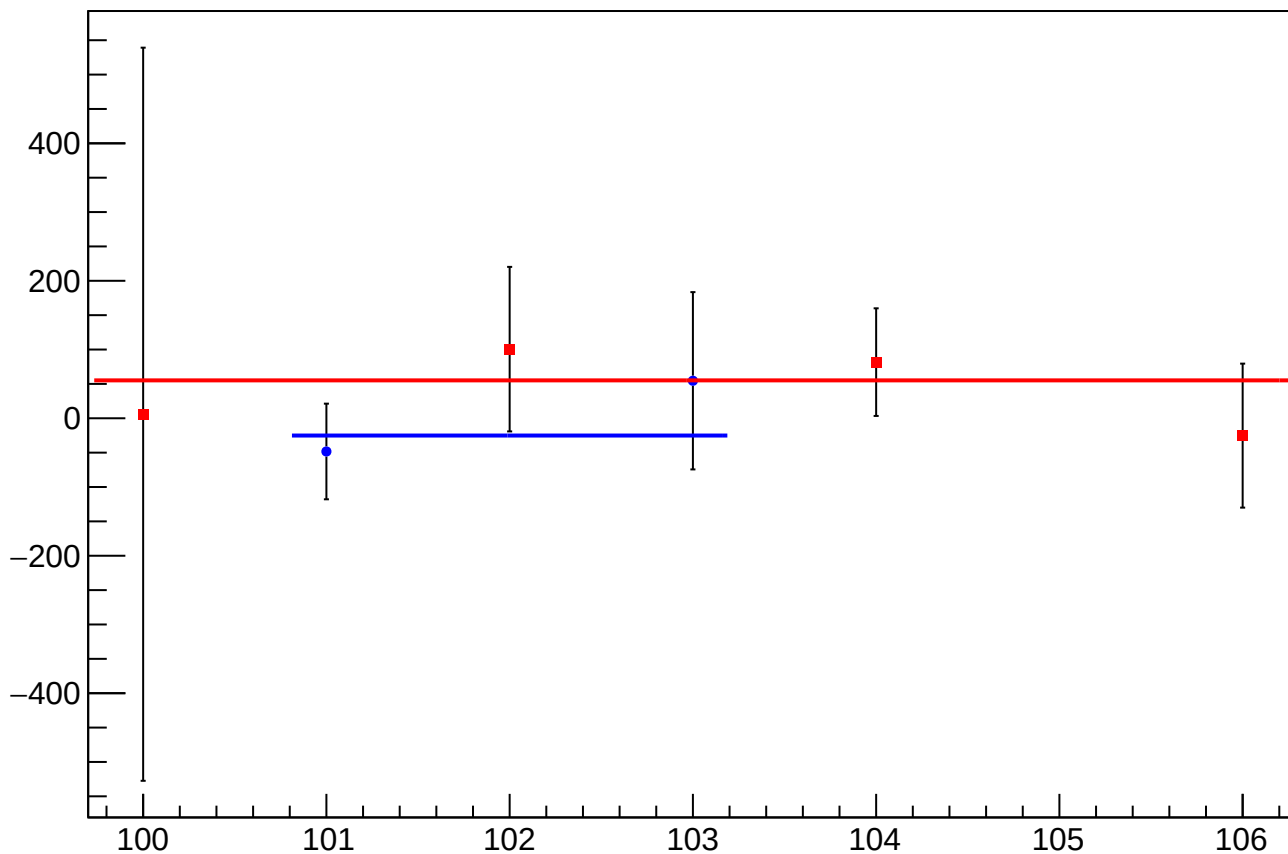
asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 83610.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 116430.1/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 206770.9/5
 In: 0.000+/-0.000 χ^2/NDF : 83610.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 206770.9/5

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.121+/-61.234 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.138+/-55.248 χ^2/NDF : 0.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

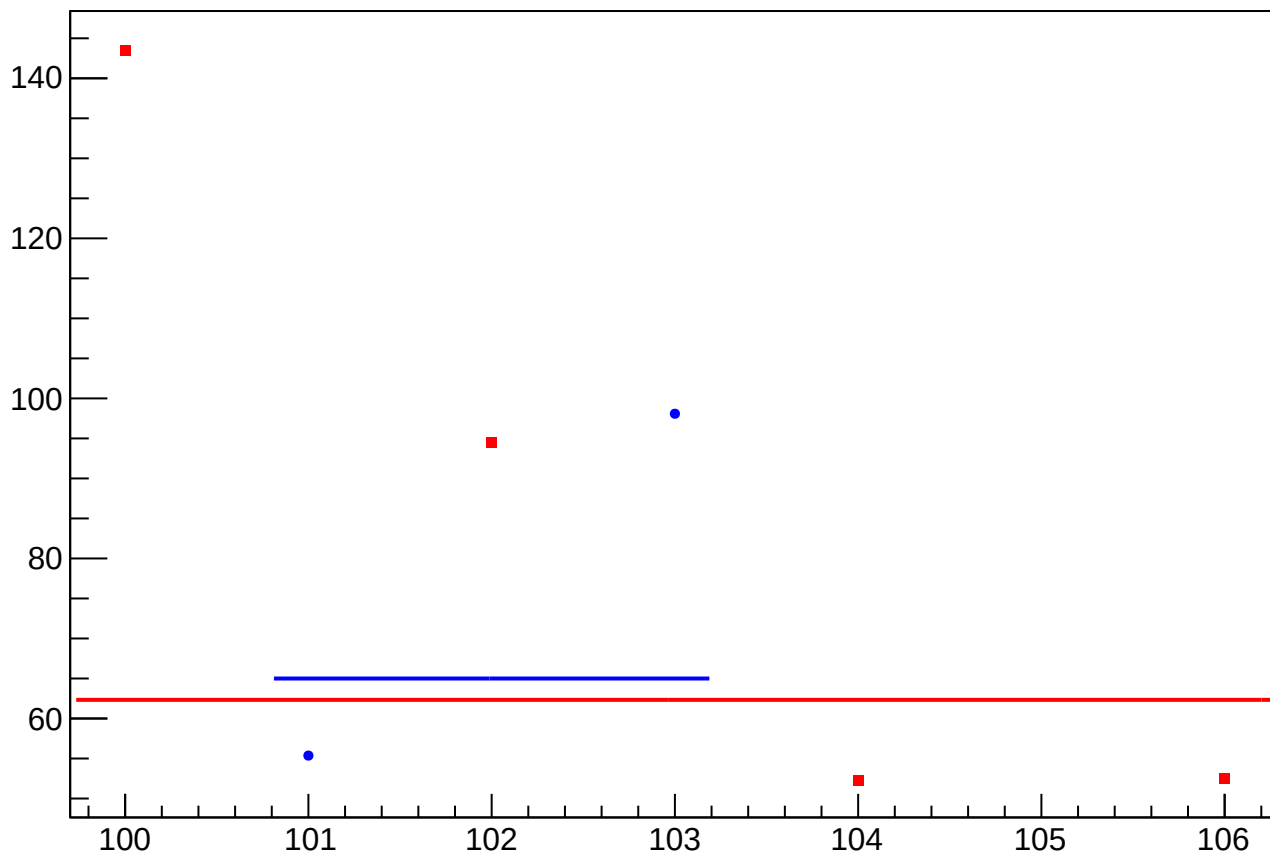
Right: 19.122+/-41.020 χ^2/NDF : 2.3/5

In: -25.121+/-61.234 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.122+/-41.020 χ^2/NDF : 2.3/5

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169955.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.332 $\pm$ 0.039 χ^2 /NDF: 241478.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

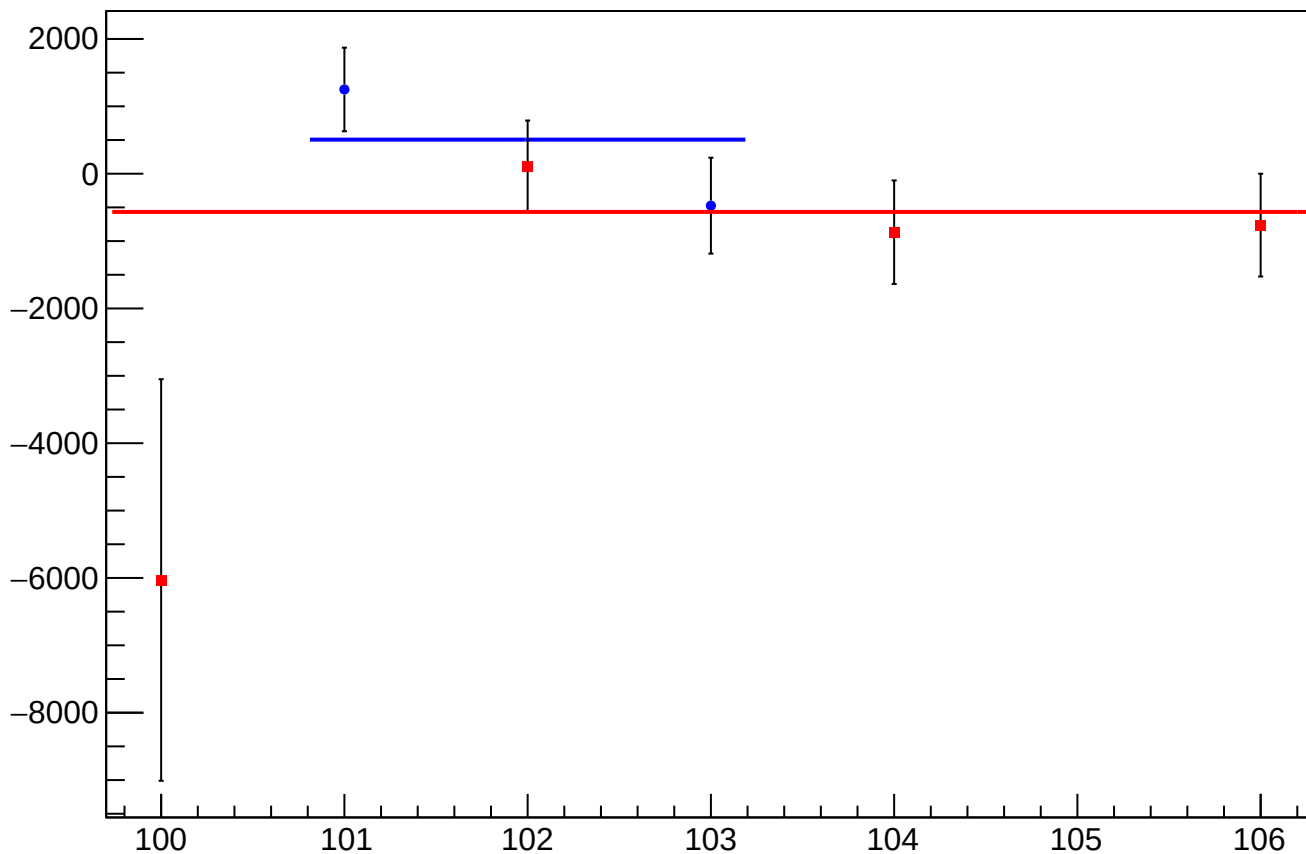
Right: 63.528 $\pm$ 0.029 χ^2 /NDF: 413521.6/5

In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169955.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.528 $\pm$ 0.029 χ^2 /NDF: 413521.6/5

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 505.932+/-467.509 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -567.041+/-419.343 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

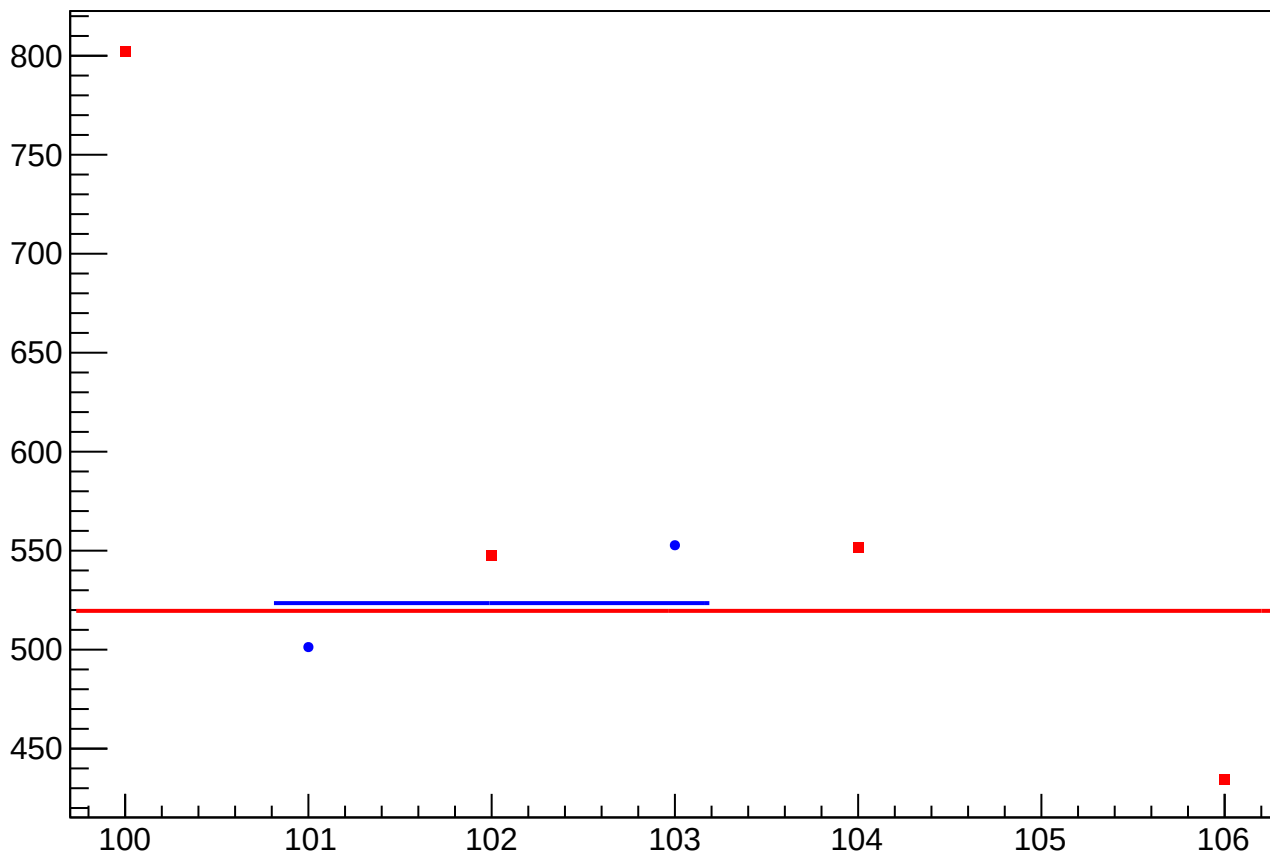
Right: -88.658+/-312.164 χ^2/NDF : 10.8/5

In: 505.932+/-467.509 χ^2/NDF :3.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -88.658+/-312.164 χ^2/NDF : 10.8/5

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.506 $\pm$ 0.331 χ^2 /NDF: 5942.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 519.592 $\pm$ 0.297 χ^2 /NDF: 49841.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

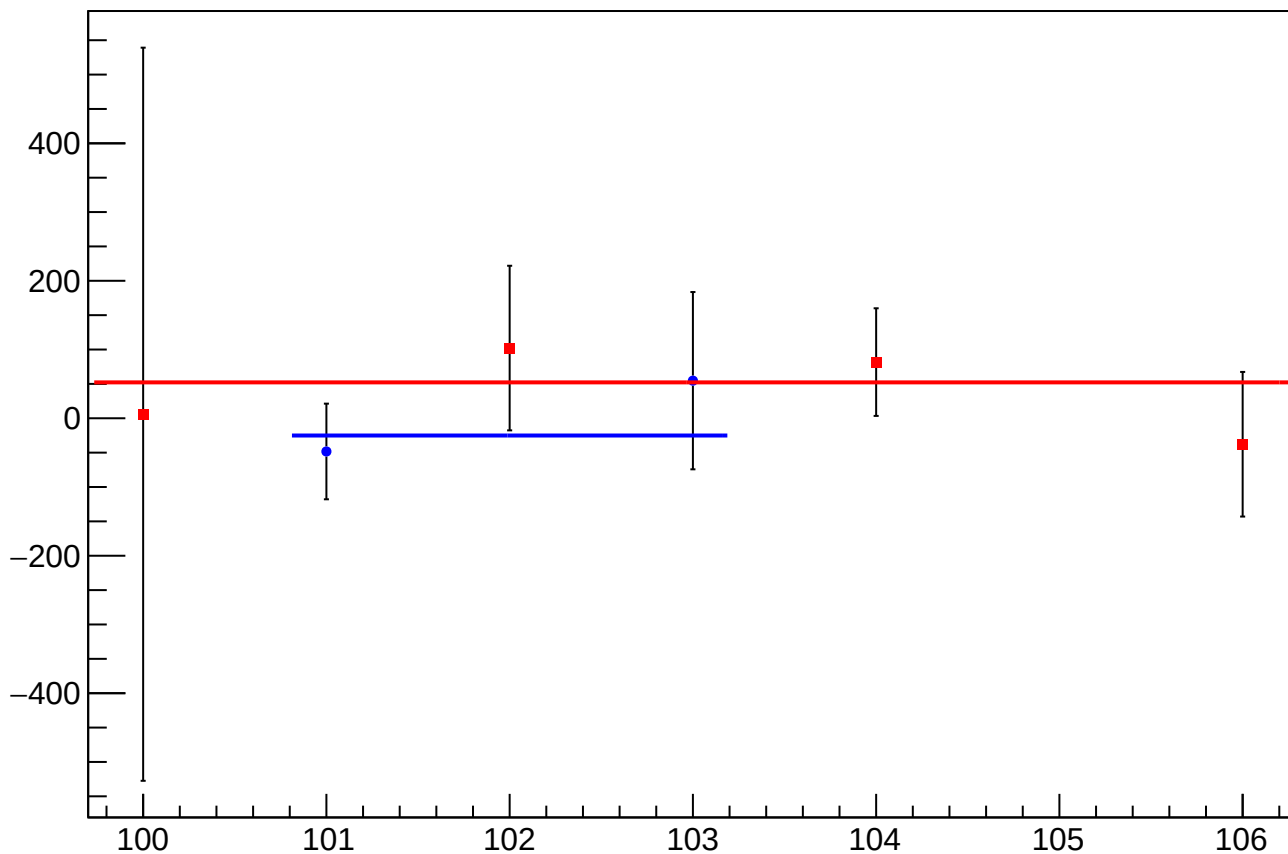
Right: 521.337 $\pm$ 0.221 χ^2 /NDF: 55862.1/5

In: 523.506 $\pm$ 0.331 χ^2 /NDF:5942.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 521.337 $\pm$ 0.221 χ^2 /NDF: 55862.1/5

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.089 $\pm$ 61.234 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.214 $\pm$ 55.322 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

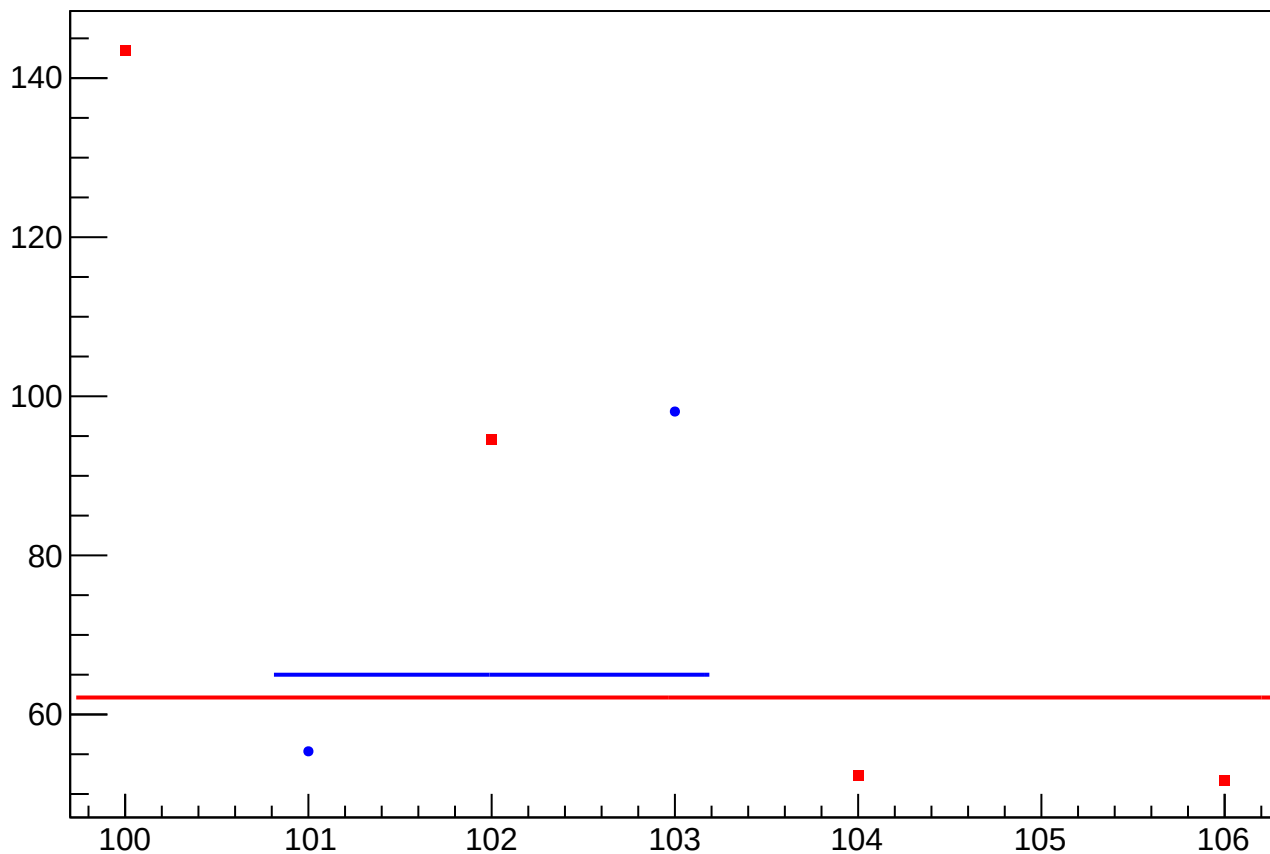
Right: 17.474 $\pm$ 41.050 χ^2 /NDF: 2.4/5

In: -25.089 $\pm$ 61.234 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.474 $\pm$ 41.050 χ^2 /NDF: 2.4/5

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169958.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.133 $\pm$ 0.039 χ^2 /NDF: 244532.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

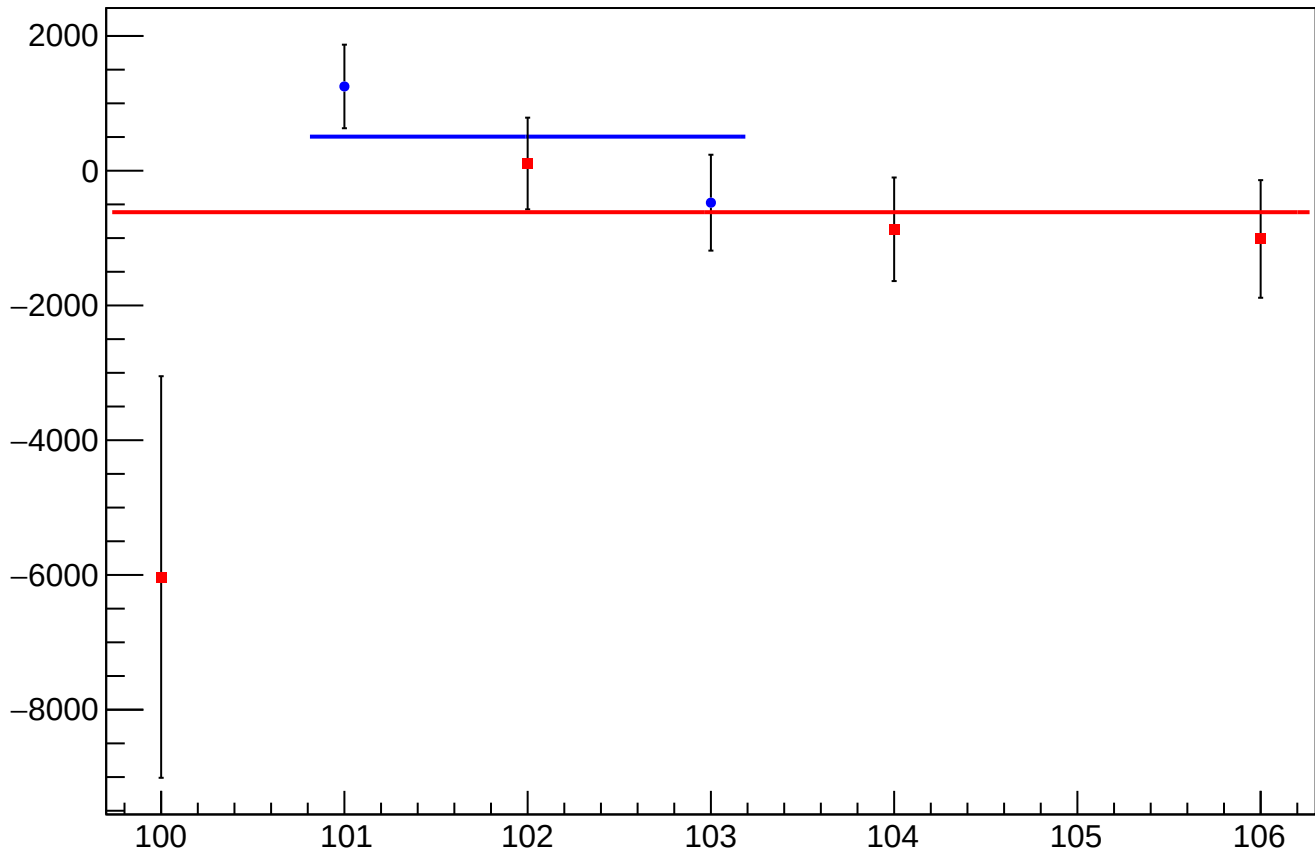
Right: 63.420 $\pm$ 0.029 χ^2 /NDF: 416900.2/5

In: 64.997 $\pm$ 0.043 χ^2 /NDF: 169958.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.420 $\pm$ 0.029 χ^2 /NDF: 416900.2/5

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 505.972 $\pm$ 467.529 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -615.618 $\pm$ 435.317 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

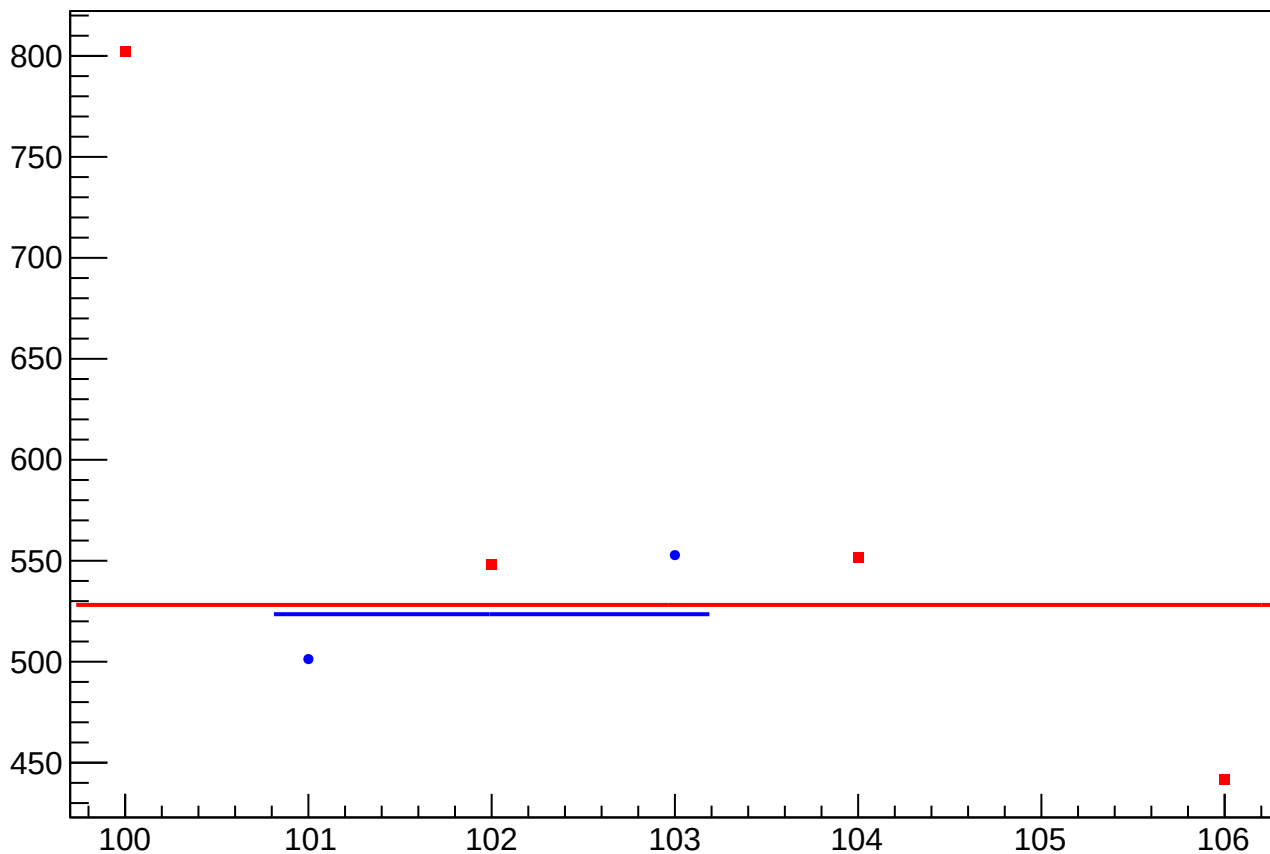
Right: -94.788 $\pm$ 318.595 χ^2 /NDF: 11.2/5

In: 505.972 $\pm$ 467.529 χ^2 /NDF:3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.788 $\pm$ 318.595 χ^2 /NDF: 11.2/5

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.527 ± 0.331 $\chi^2/\text{NDF}: 5953.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 528.136 ± 0.308 $\chi^2/\text{NDF}: 40095.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

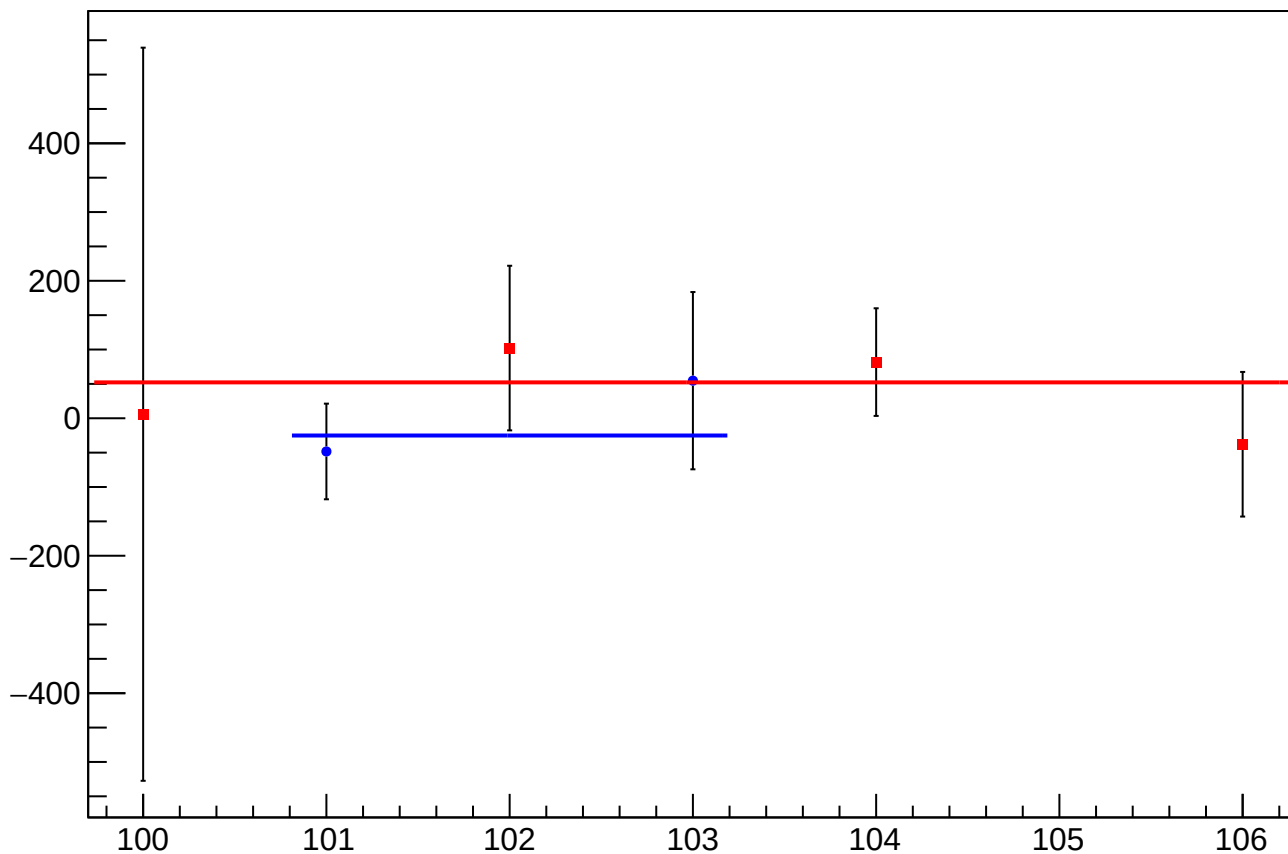
Right: 525.995 ± 0.225 $\chi^2/\text{NDF}: 46153.1/5$

In: 523.527 ± 0.331 $\chi^2/\text{NDF}: 5953.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 525.995 ± 0.225 $\chi^2/\text{NDF}: 46153.1/5$

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.089 $\pm$ 61.234 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.214 $\pm$ 55.322 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

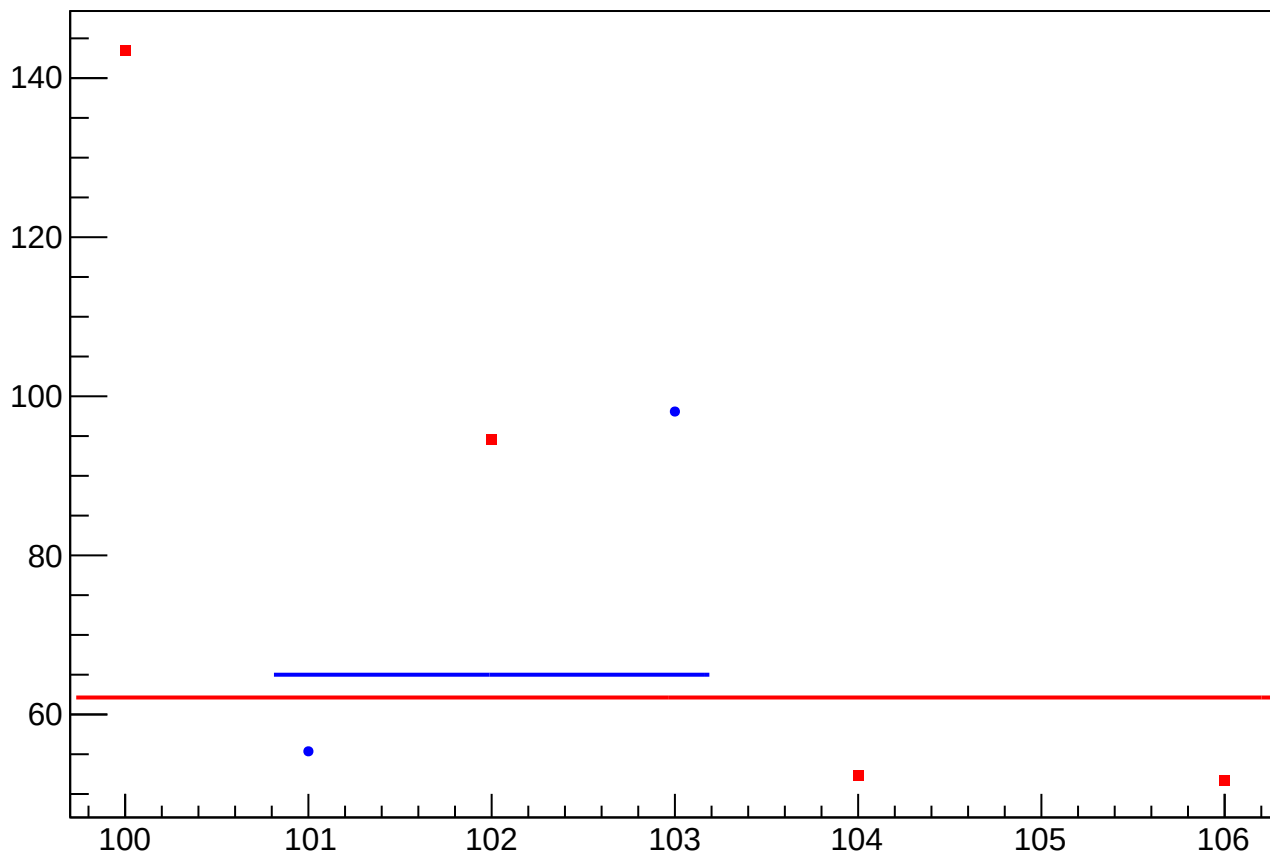
Right: 17.474 $\pm$ 41.050 χ^2 /NDF: 2.4/5

In: -25.089 $\pm$ 61.234 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.474 $\pm$ 41.050 χ^2 /NDF: 2.4/5

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 64.997 ± 0.043 $\chi^2/\text{NDF}: 169958.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 62.133 ± 0.039 $\chi^2/\text{NDF}: 244532.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

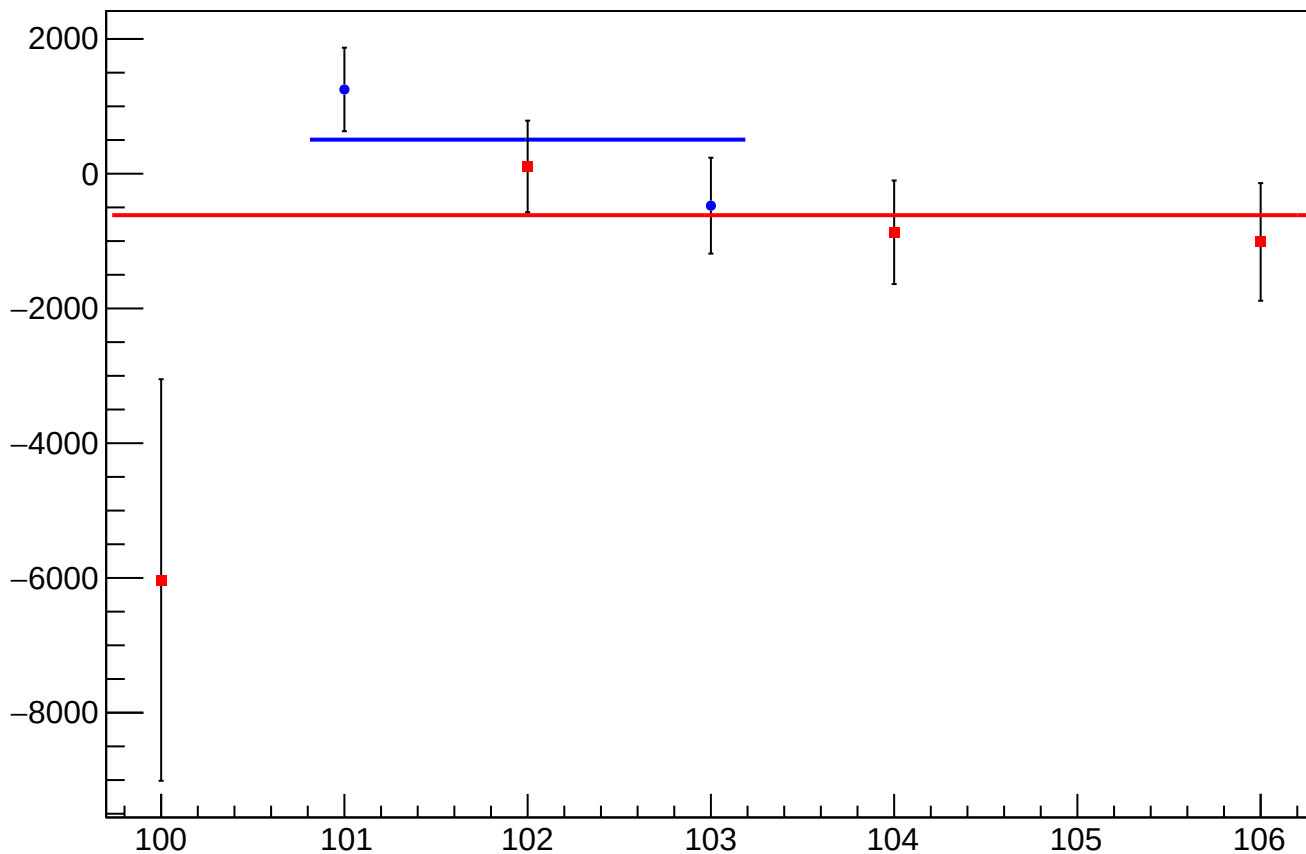
Right: 63.420 ± 0.029 $\chi^2/\text{NDF}: 416900.2/5$

In: 64.997 ± 0.043 $\chi^2/\text{NDF}: 169958.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 63.420 ± 0.029 $\chi^2/\text{NDF}: 416900.2/5$

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 505.972 $\pm$ 467.529 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -615.618 $\pm$ 435.317 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

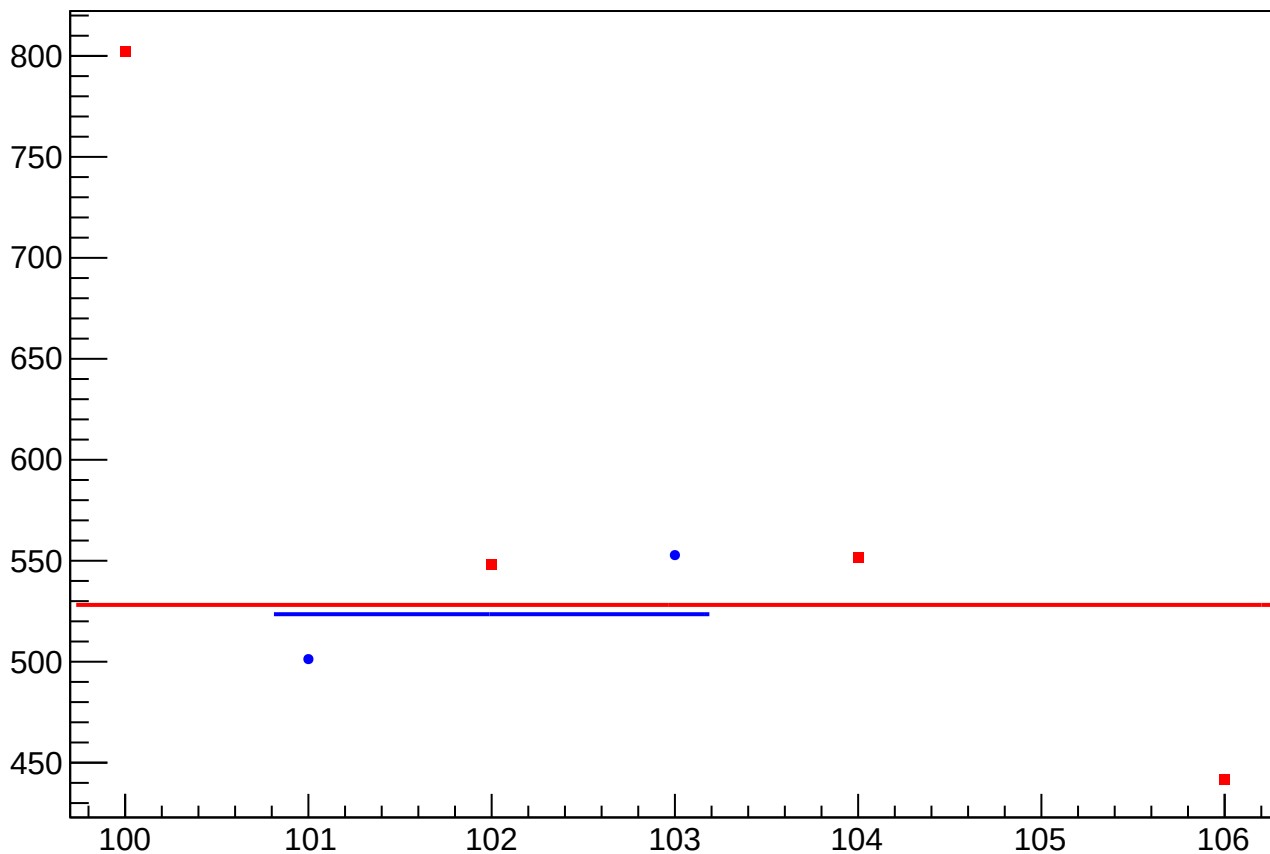
Right: -94.788 $\pm$ 318.595 χ^2 /NDF: 11.2/5

In: 505.972 $\pm$ 467.529 χ^2 /NDF:3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -94.788 $\pm$ 318.595 χ^2 /NDF: 11.2/5

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.527 ± 0.331 $\chi^2/\text{NDF}: 5953.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 528.136 ± 0.308 $\chi^2/\text{NDF}: 40095.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

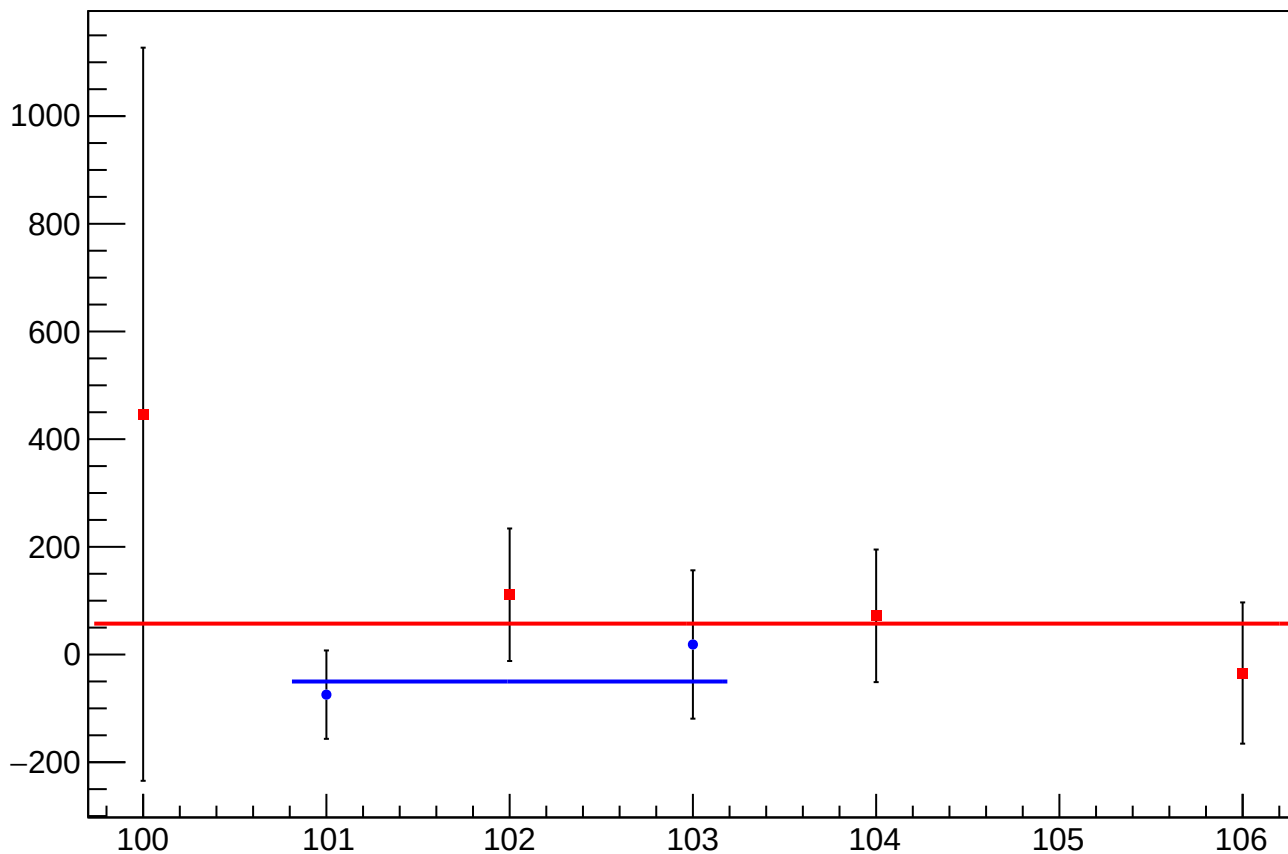
Right: 525.995 ± 0.225 $\chi^2/\text{NDF}: 46153.1/5$

In: 523.527 ± 0.331 $\chi^2/\text{NDF}: 5953.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 525.995 ± 0.225 $\chi^2/\text{NDF}: 46153.1/5$

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.107 $\pm$ 70.514 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.405 $\pm$ 72.118 χ^2 /NDF: 1.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

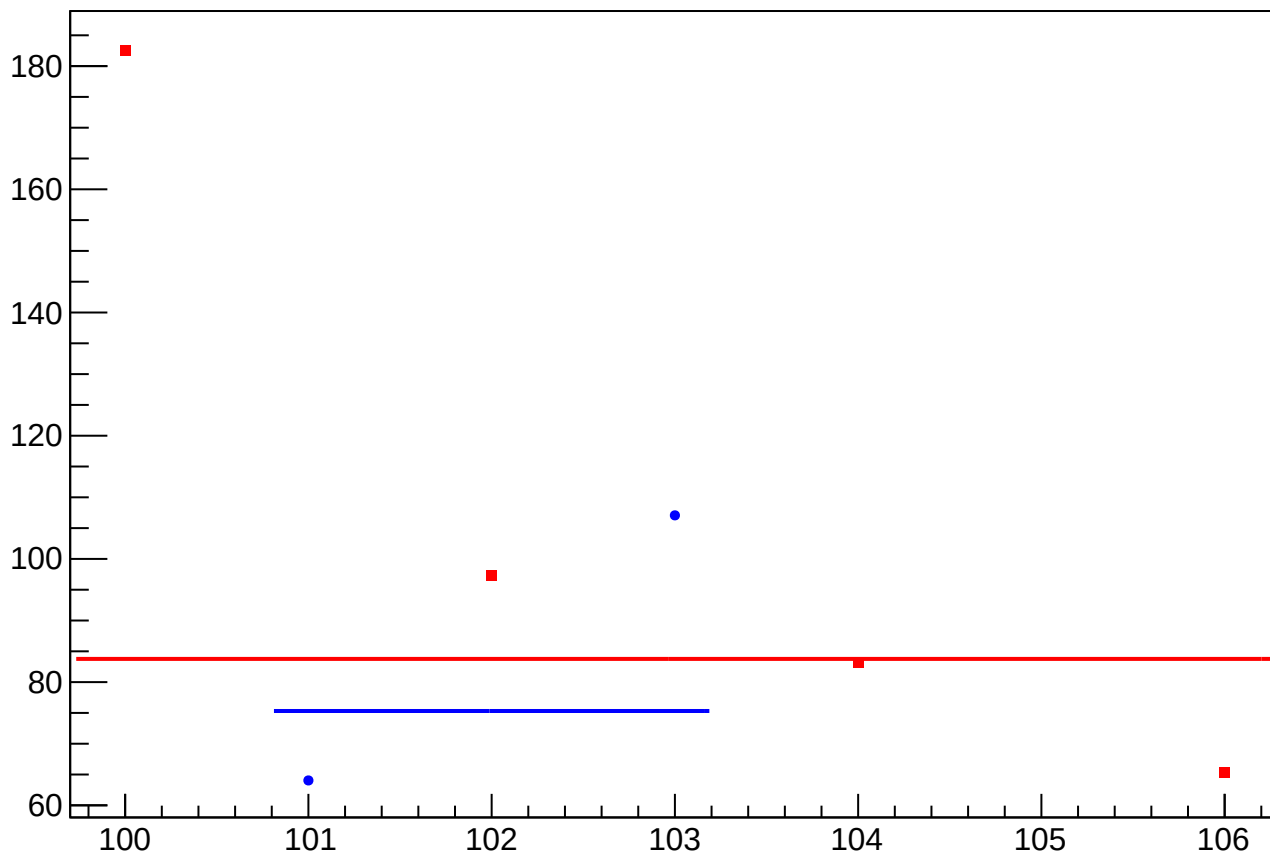
Right: 2.440 $\pm$ 50.418 χ^2 /NDF: 2.5/5

In: -50.107 $\pm$ 70.514 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.440 $\pm$ 50.418 χ^2 /NDF: 2.5/5

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 75.312 $\pm$ 0.050 χ^2 /NDF: 144019.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.768 $\pm$ 0.051 χ^2 /NDF: 106387.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

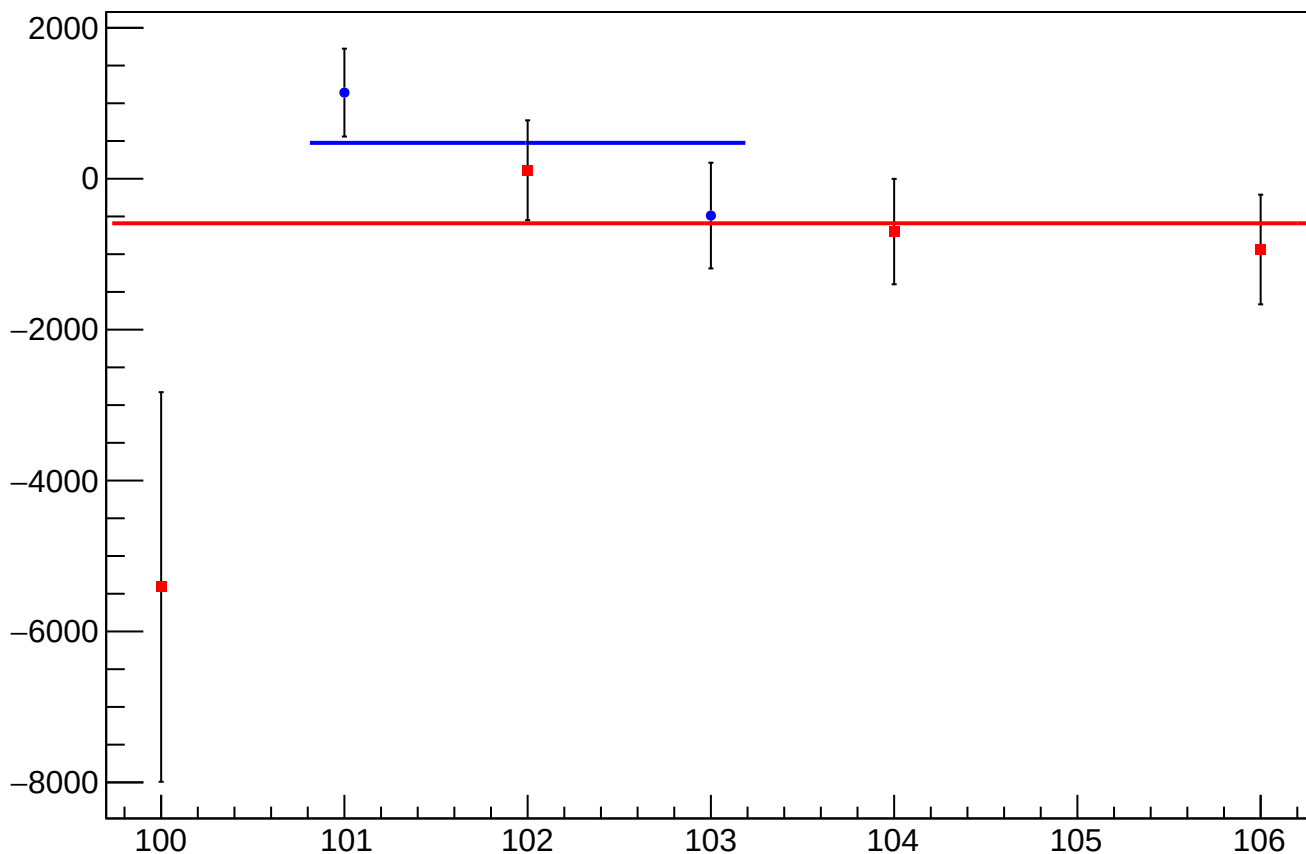
Right: 79.445 $\pm$ 0.036 χ^2 /NDF: 264464.0/5

In: 75.312 $\pm$ 0.050 χ^2 /NDF:144019.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 79.445 $\pm$ 0.036 χ^2 /NDF: 264464.0/5

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.463 ± 447.854 $\chi^2/\text{NDF}: 3.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -590.591 ± 396.021 $\chi^2/\text{NDF}: 4.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

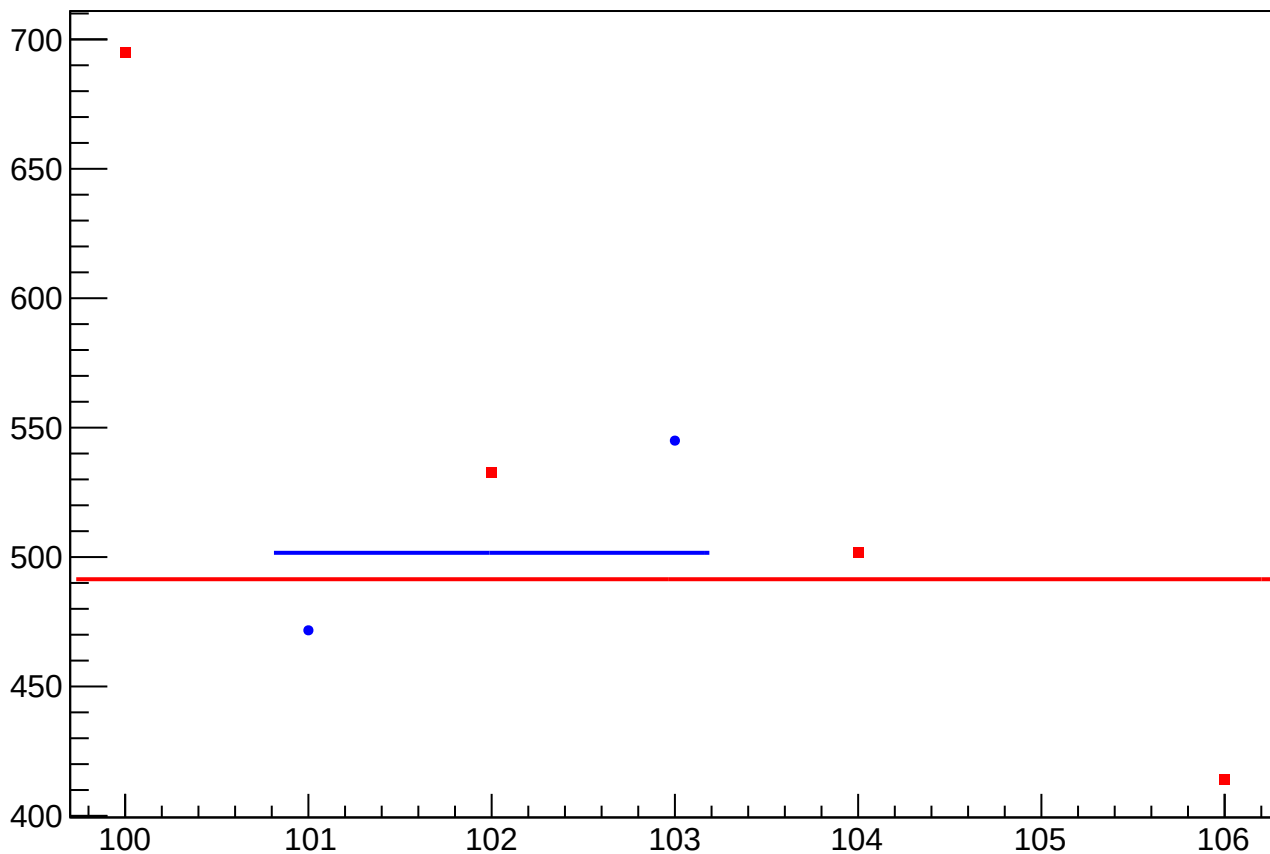
Right: -122.797 ± 296.670 $\chi^2/\text{NDF}: 11.2/5$

In: 475.463 ± 447.854 $\chi^2/\text{NDF}: 3.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -122.797 ± 296.670 $\chi^2/\text{NDF}: 11.2/5$

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.644 $\pm$ 0.317 χ^2 /NDF: 12941.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 491.437 $\pm$ 0.280 χ^2 /NDF: 43346.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

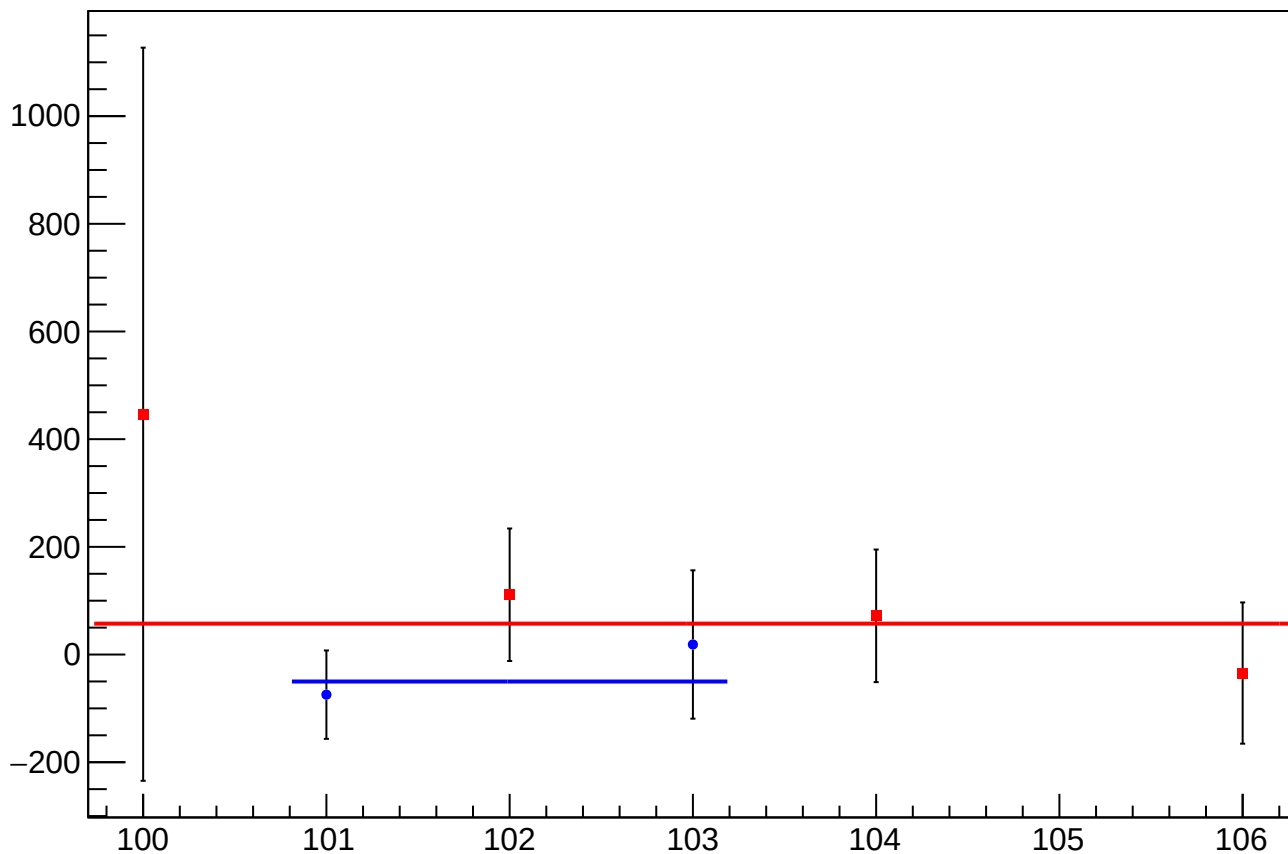
Right: 495.916 $\pm$ 0.210 χ^2 /NDF: 56870.3/5

In: 501.644 $\pm$ 0.317 χ^2 /NDF:12941.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 495.916 $\pm$ 0.210 χ^2 /NDF: 56870.3/5

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.110 ± 70.515 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.407 ± 72.118 χ^2/NDF : 1.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

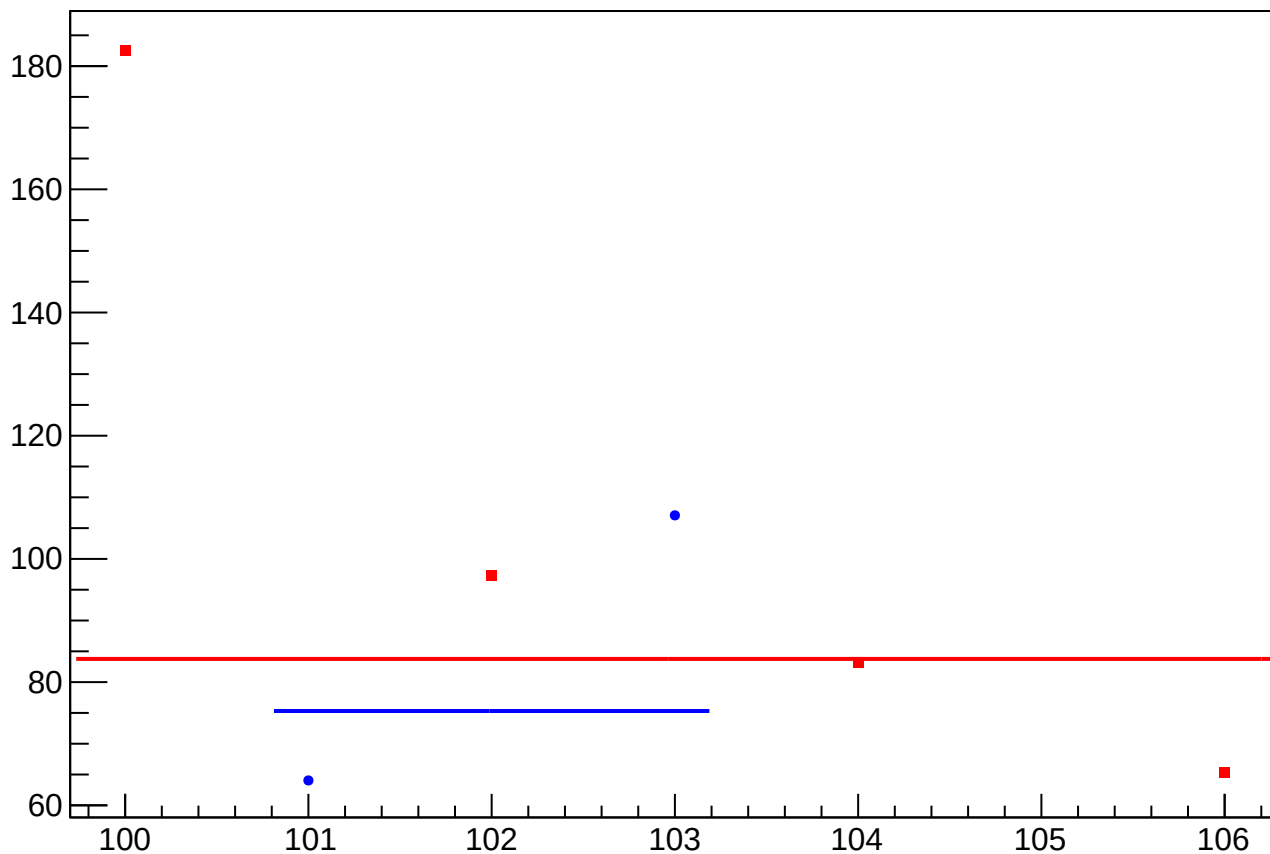
Right: 2.440 ± 50.419 χ^2/NDF : 2.5/5

In: -50.110 ± 70.515 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.440 ± 50.419 χ^2/NDF : 2.5/5

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 75.313+/-0.050 χ^2/NDF : 144014.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.769+/-0.051 χ^2/NDF : 106385.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

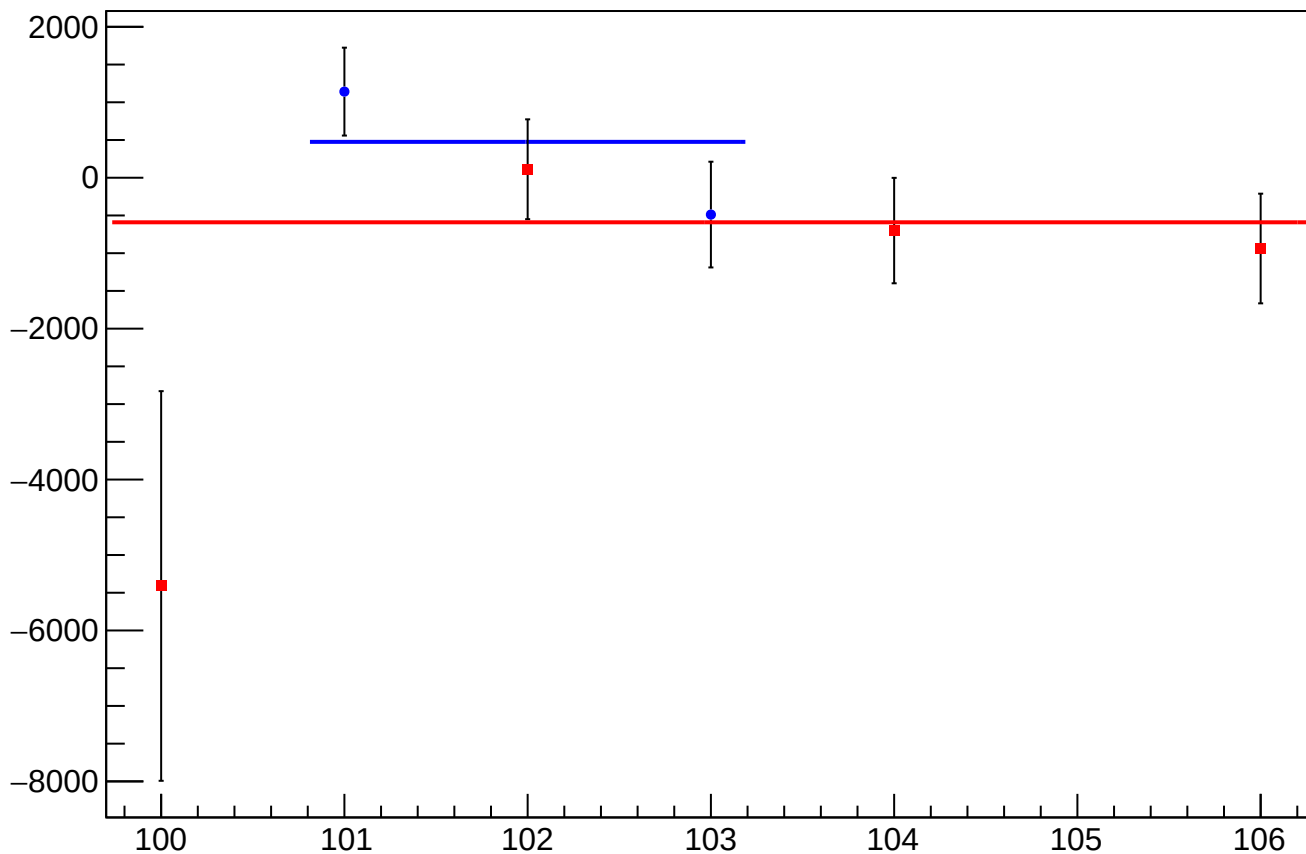
Right: 79.446+/-0.036 χ^2/NDF : 264456.9/5

In: 75.313+/-0.050 χ^2/NDF : 144014.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.446+/-0.036 χ^2/NDF : 264456.9/5

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.462 ± 447.852 $\chi^2/\text{NDF}: 3.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -590.589 ± 396.020 $\chi^2/\text{NDF}: 4.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

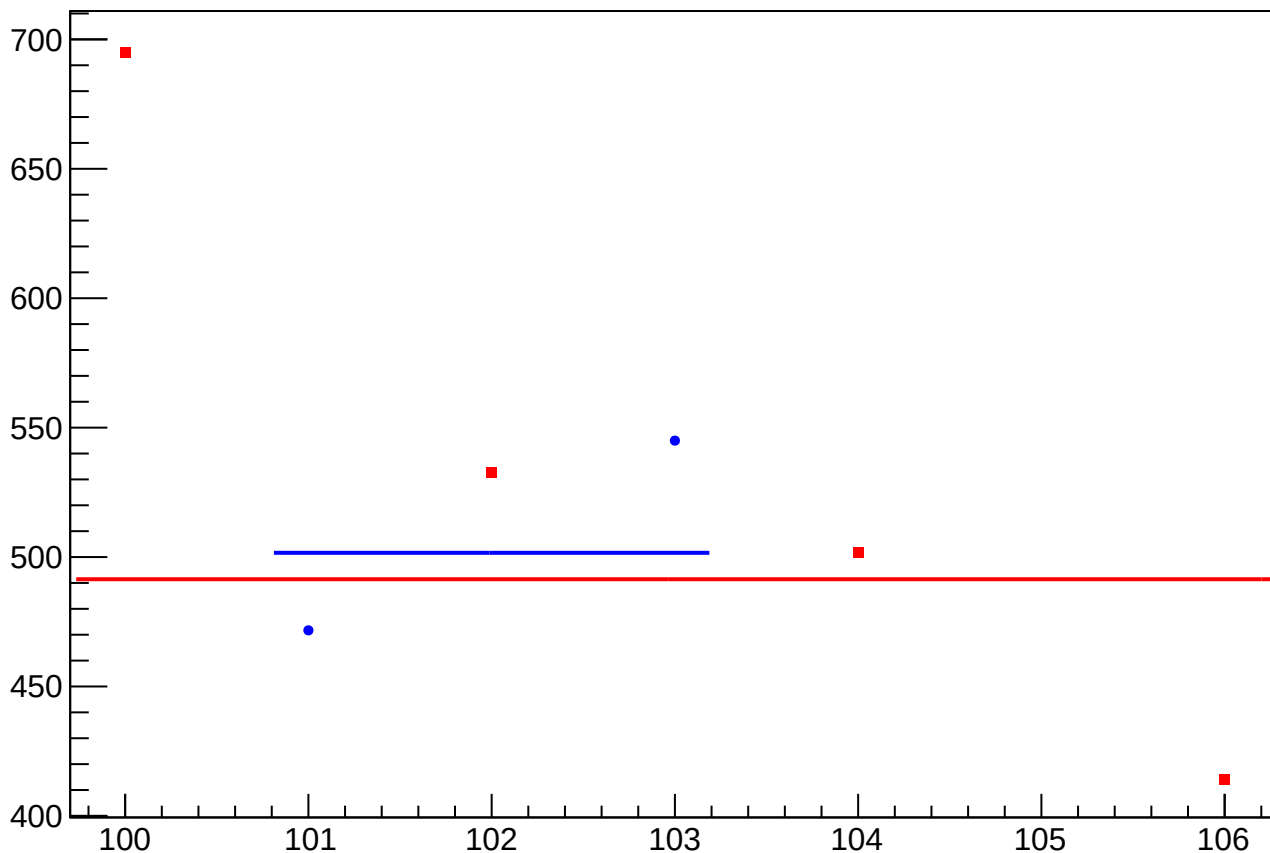
Right: -122.797 ± 296.669 $\chi^2/\text{NDF}: 11.2/5$

In: 475.462 ± 447.852 $\chi^2/\text{NDF}: 3.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -122.797 ± 296.669 $\chi^2/\text{NDF}: 11.2/5$

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.642 $\pm$ 0.317 χ^2 /NDF: 12941.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 491.435 $\pm$ 0.280 χ^2 /NDF: 43345.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

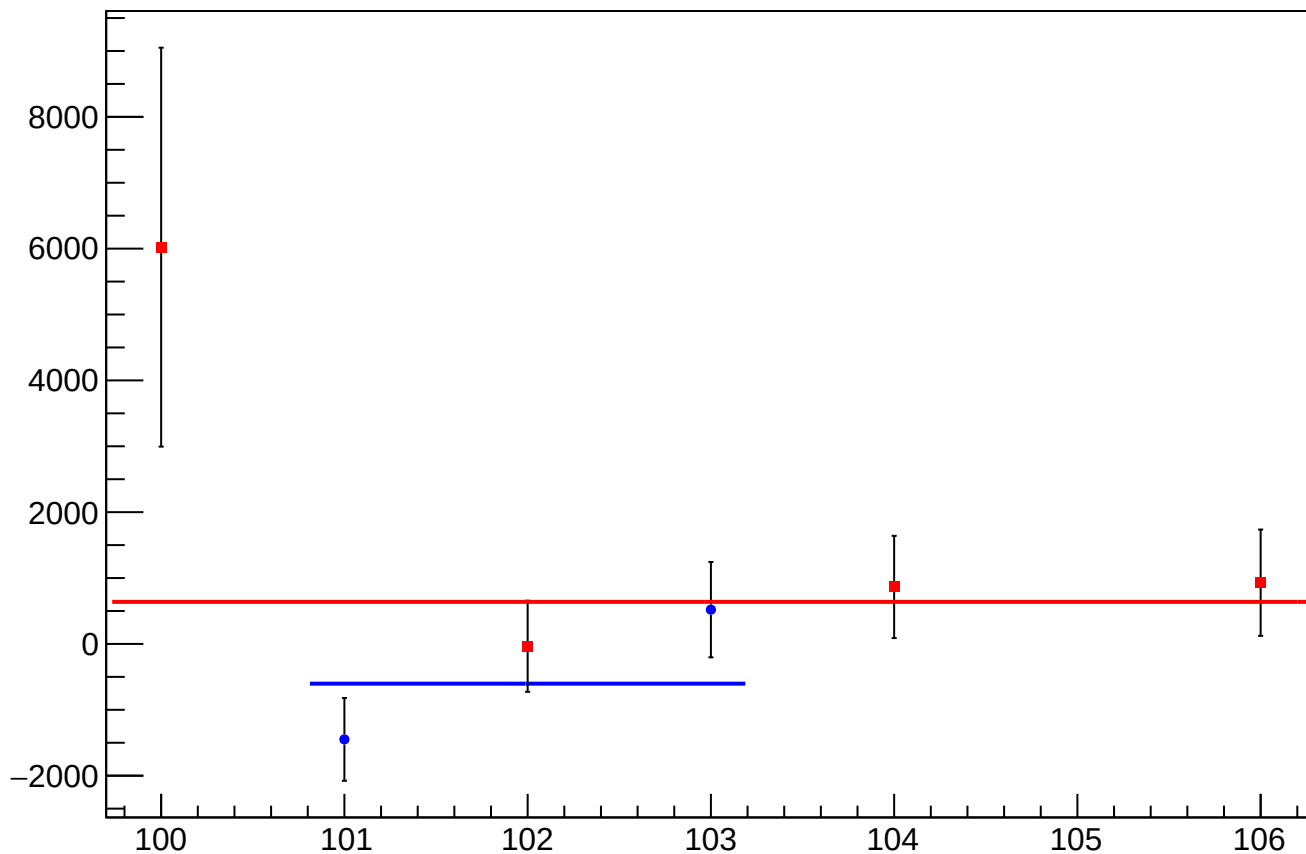
Right: 495.914 $\pm$ 0.210 χ^2 /NDF: 56870.0/5

In: 501.642 $\pm$ 0.317 χ^2 /NDF:12941.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 495.914 $\pm$ 0.210 χ^2 /NDF: 56870.0/5

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -603.026+/-474.531 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 638.601+/-430.461 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

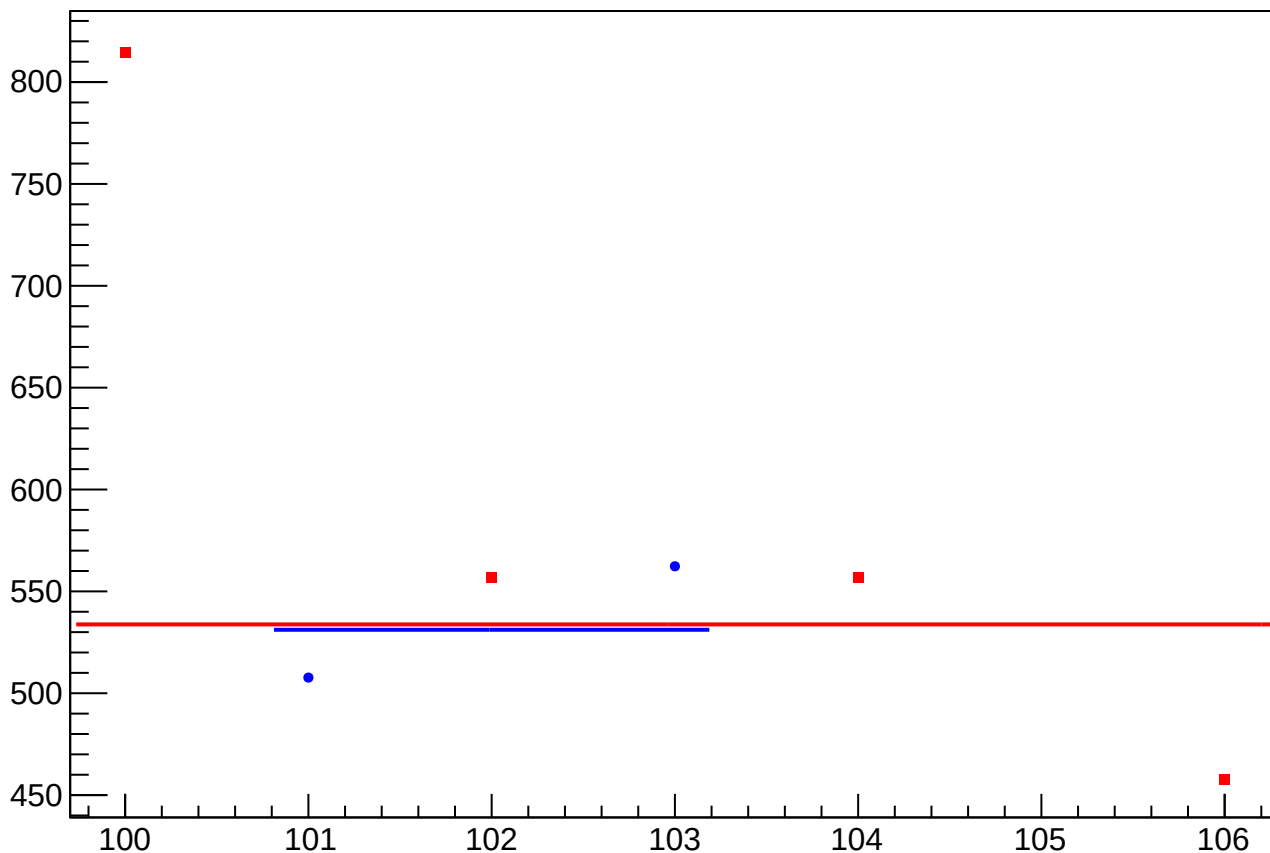
Right: 78.106+/-318.827 χ^2/NDF : 12.3/5

In: -603.026+/-474.531 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.106+/-318.827 χ^2/NDF : 12.3/5

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 531.165+/-0.336 χ^2/NDF : 6498.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.794+/-0.304 χ^2/NDF : 39035.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

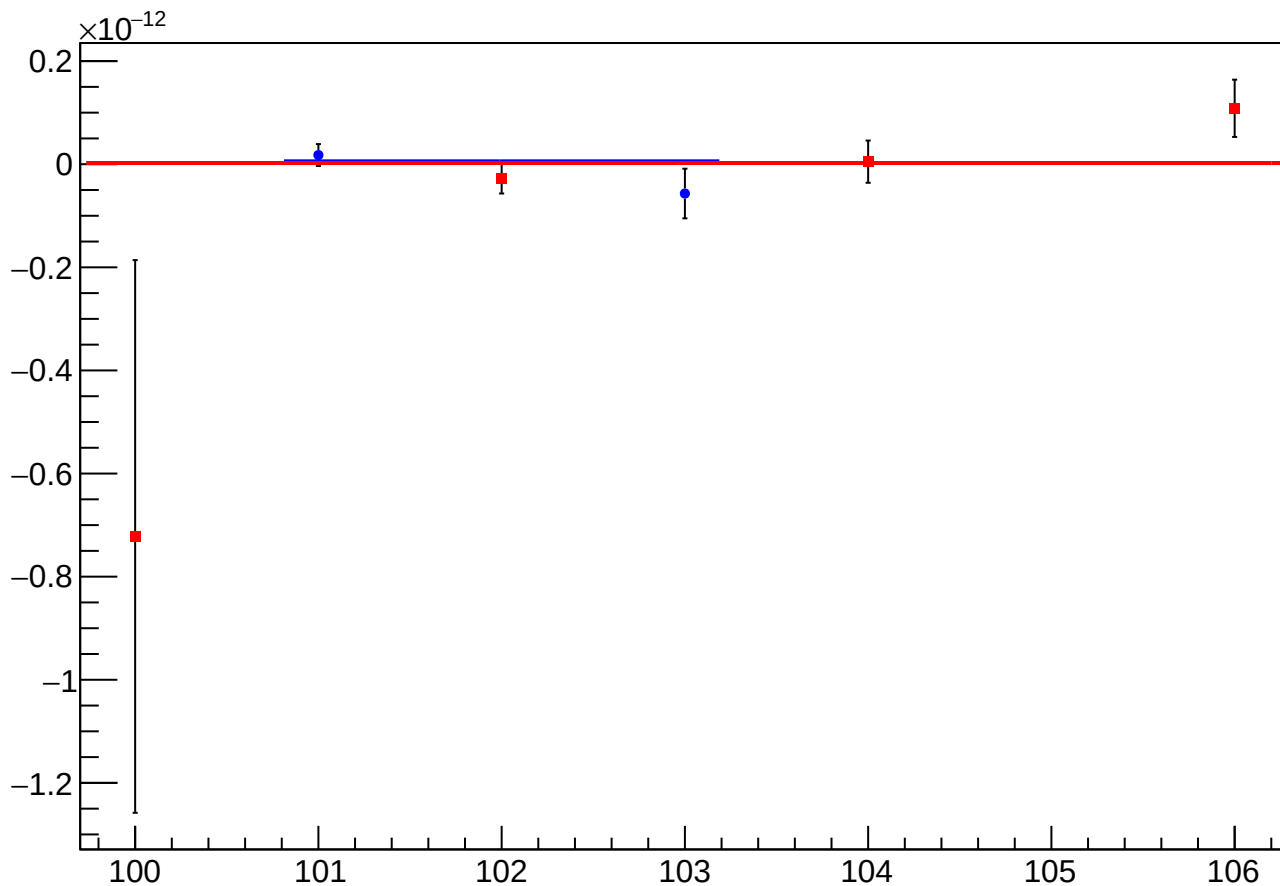
Right: 532.607+/-0.225 χ^2/NDF : 45566.7/5

In: 531.165+/-0.336 χ^2/NDF : 6498.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 532.607+/-0.225 χ^2/NDF : 45566.7/5

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 2.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

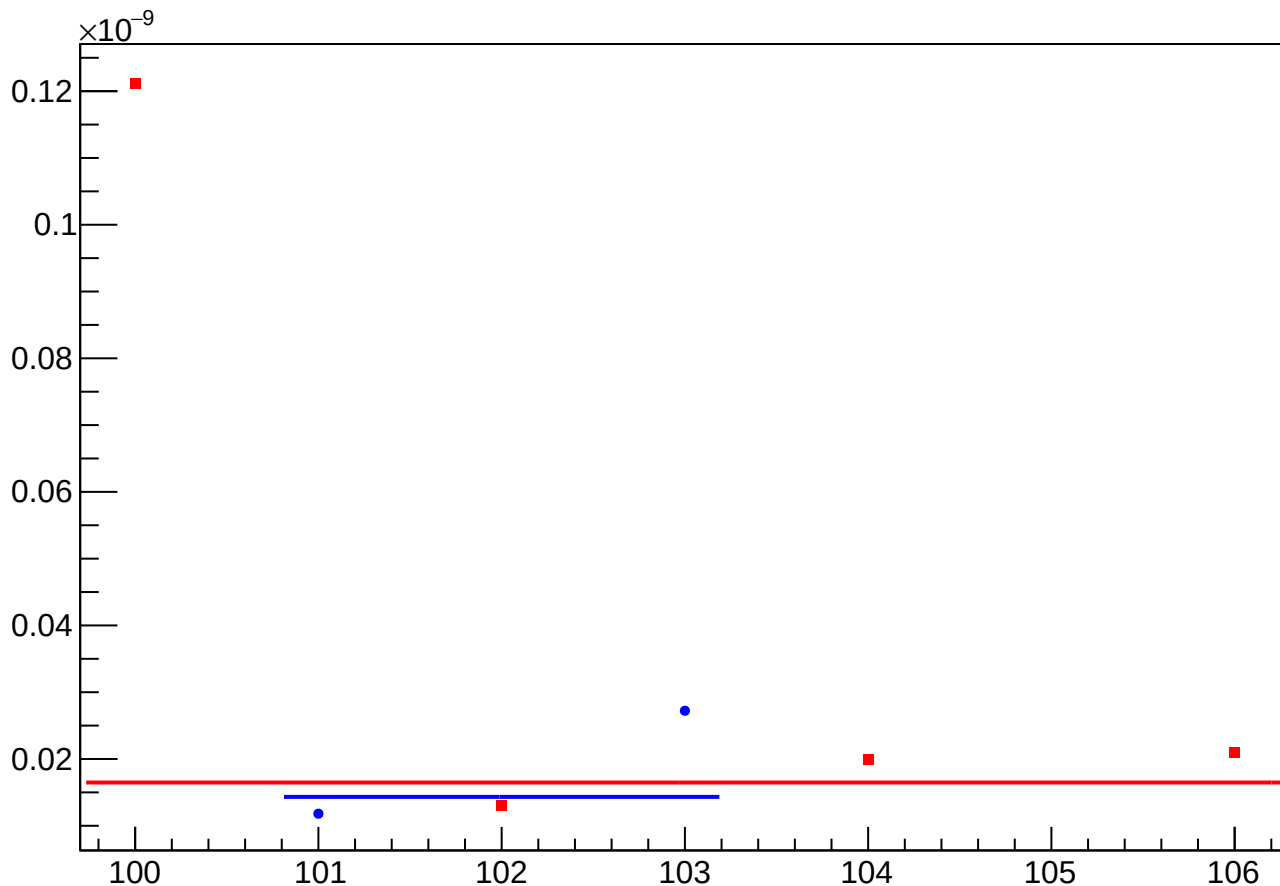
Right: 0.000+/-0.000 χ^2 /NDF: 8.5/5

In: 0.000+/-0.000 χ^2 /NDF: 2.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.5/5

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 171619.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 129059.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

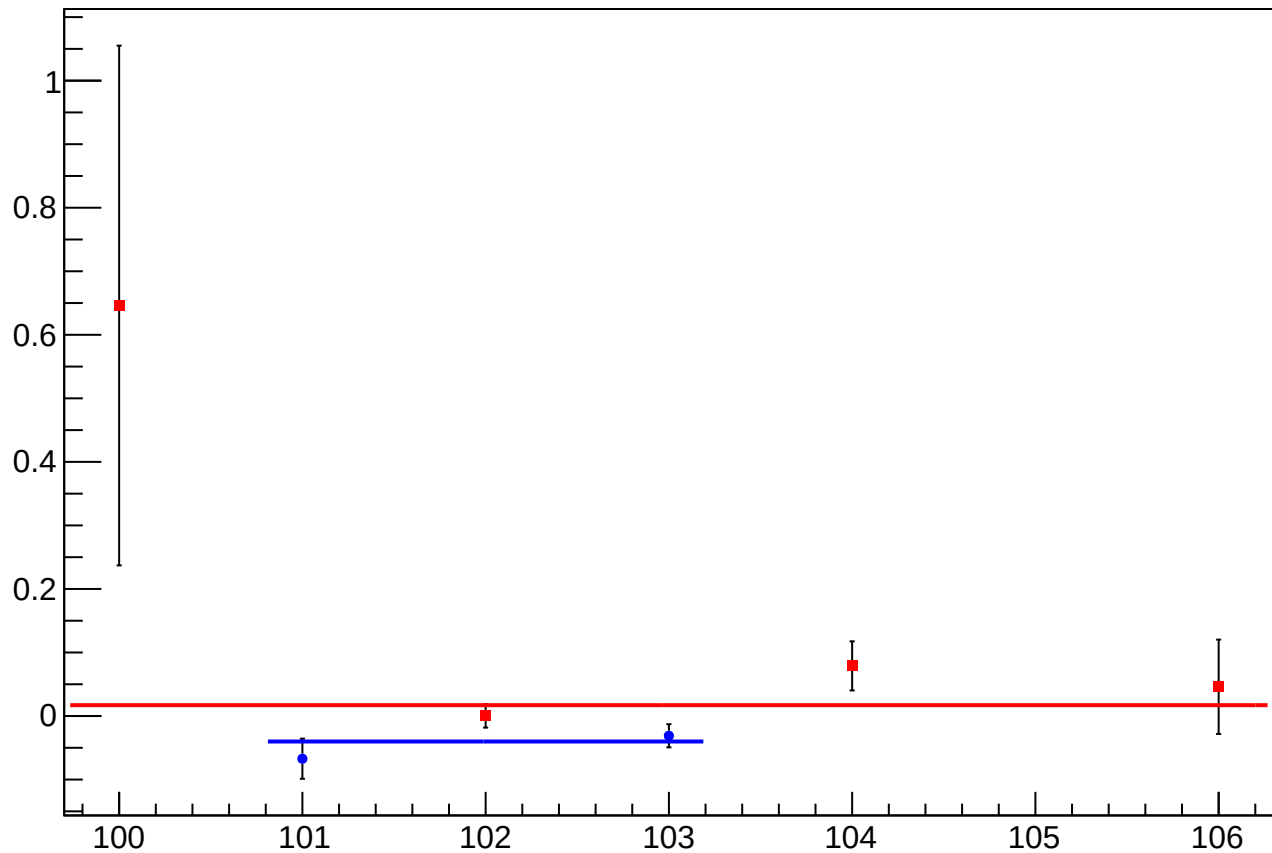
Right: 0.000+/-0.000 χ^2/NDF : 311430.5/5

In: 0.000+/-0.000 χ^2/NDF : 171619.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 311430.5/5

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.016 χ^2 /NDF: 5.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

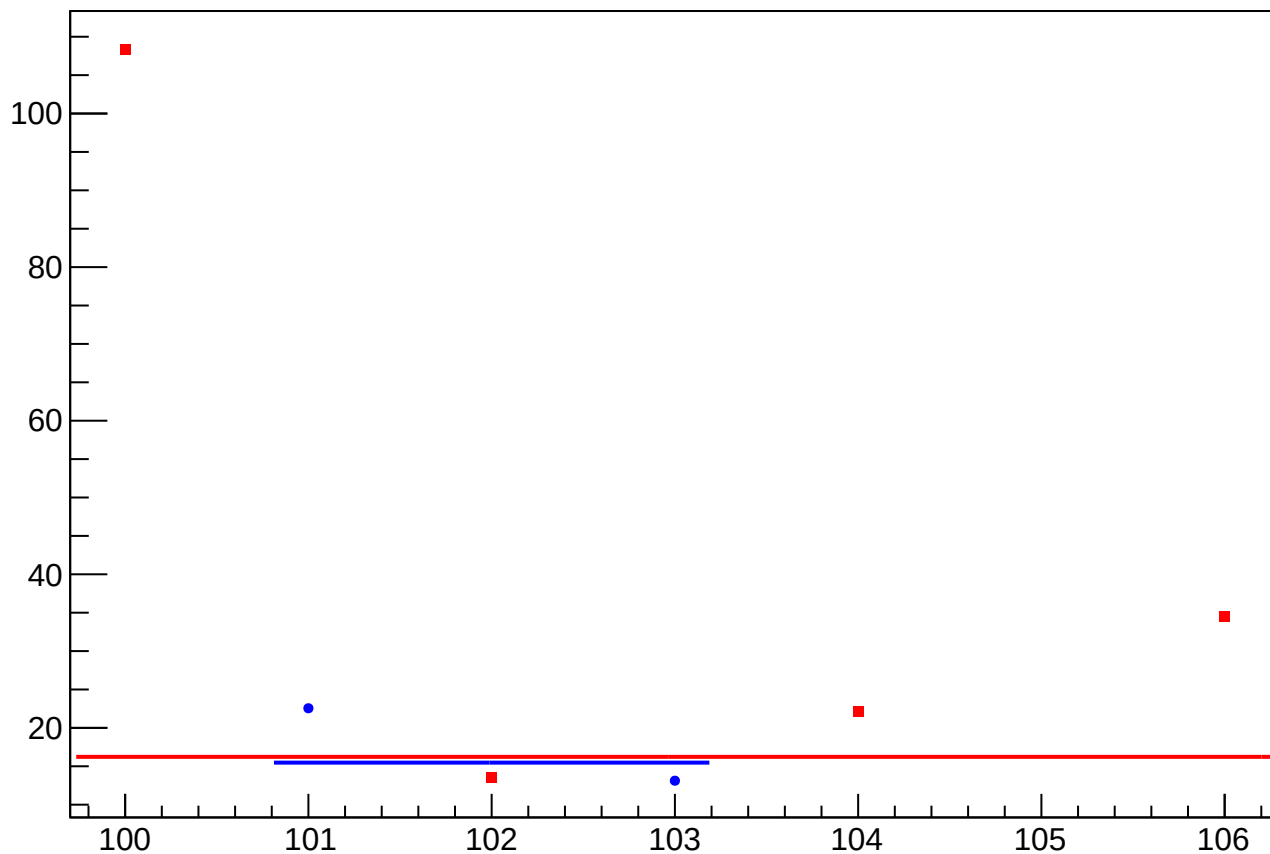
Right: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

In: -0.040 $\pm$ 0.016 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.229+/-0.011 χ^2/NDF : 310461.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

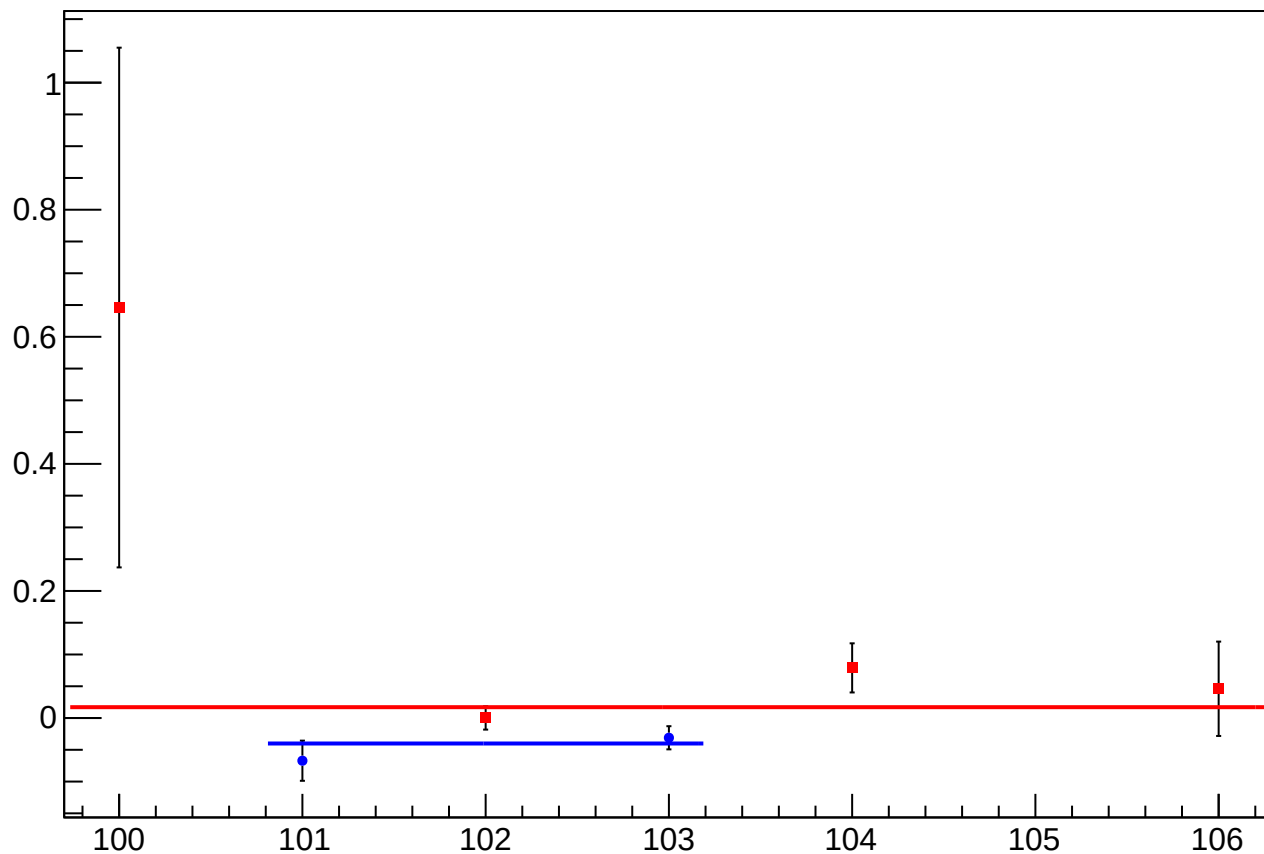
Right: 15.844+/-0.008 χ^2/NDF : 446437.4/5

In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.844+/-0.008 χ^2/NDF : 446437.4/5

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.016 χ^2 /NDF: 5.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

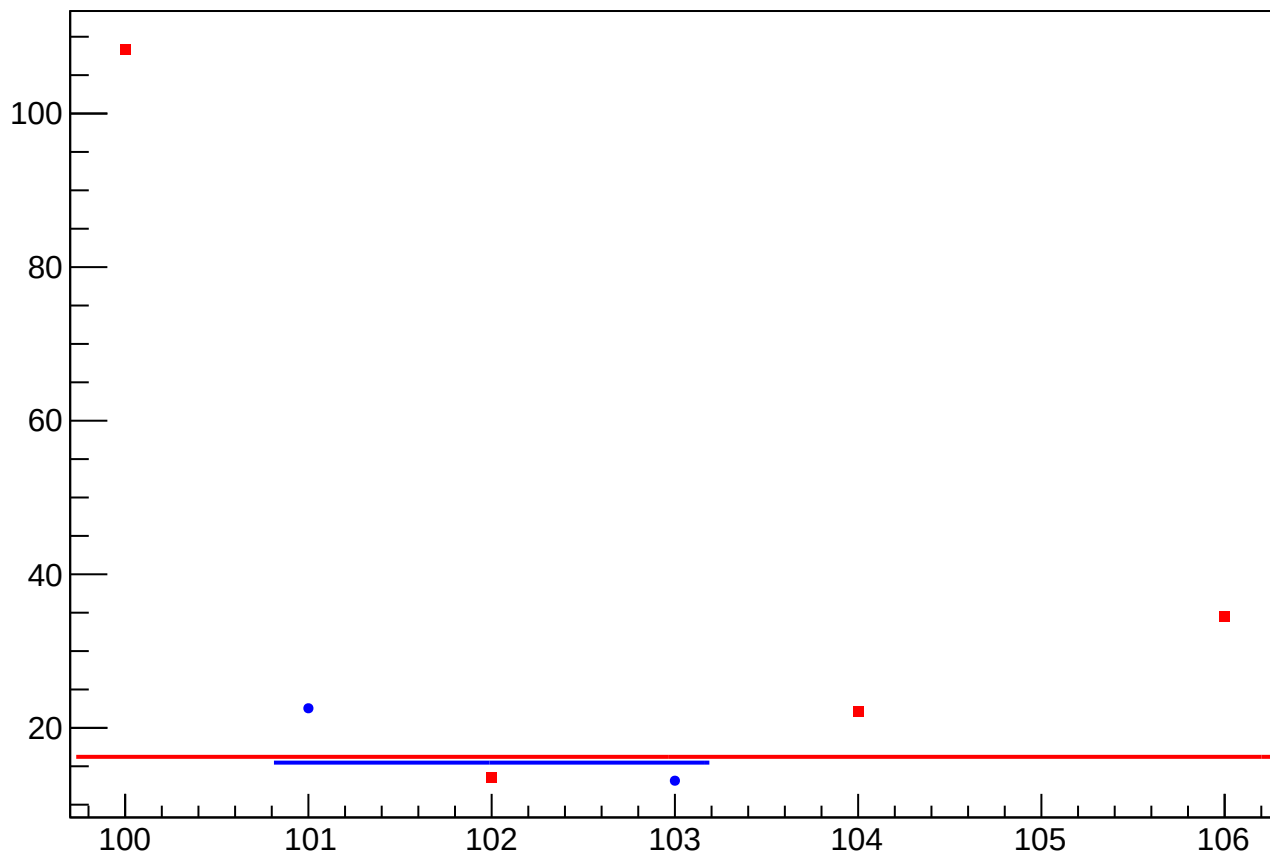
Right: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

In: -0.040 $\pm$ 0.016 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.229+/-0.011 χ^2/NDF : 310461.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

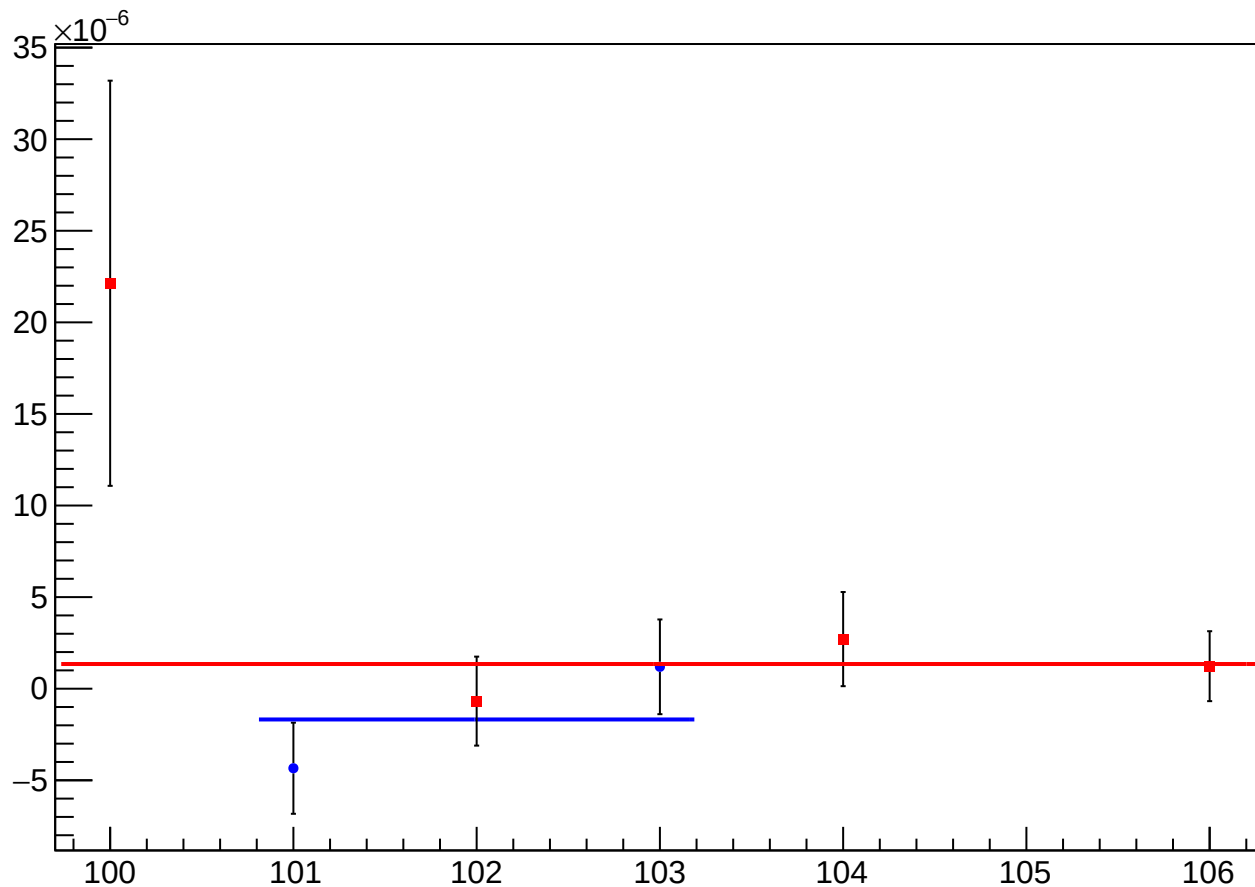
Right: 15.844+/-0.008 χ^2/NDF : 446437.4/5

In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.844+/-0.008 χ^2/NDF : 446437.4/5

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

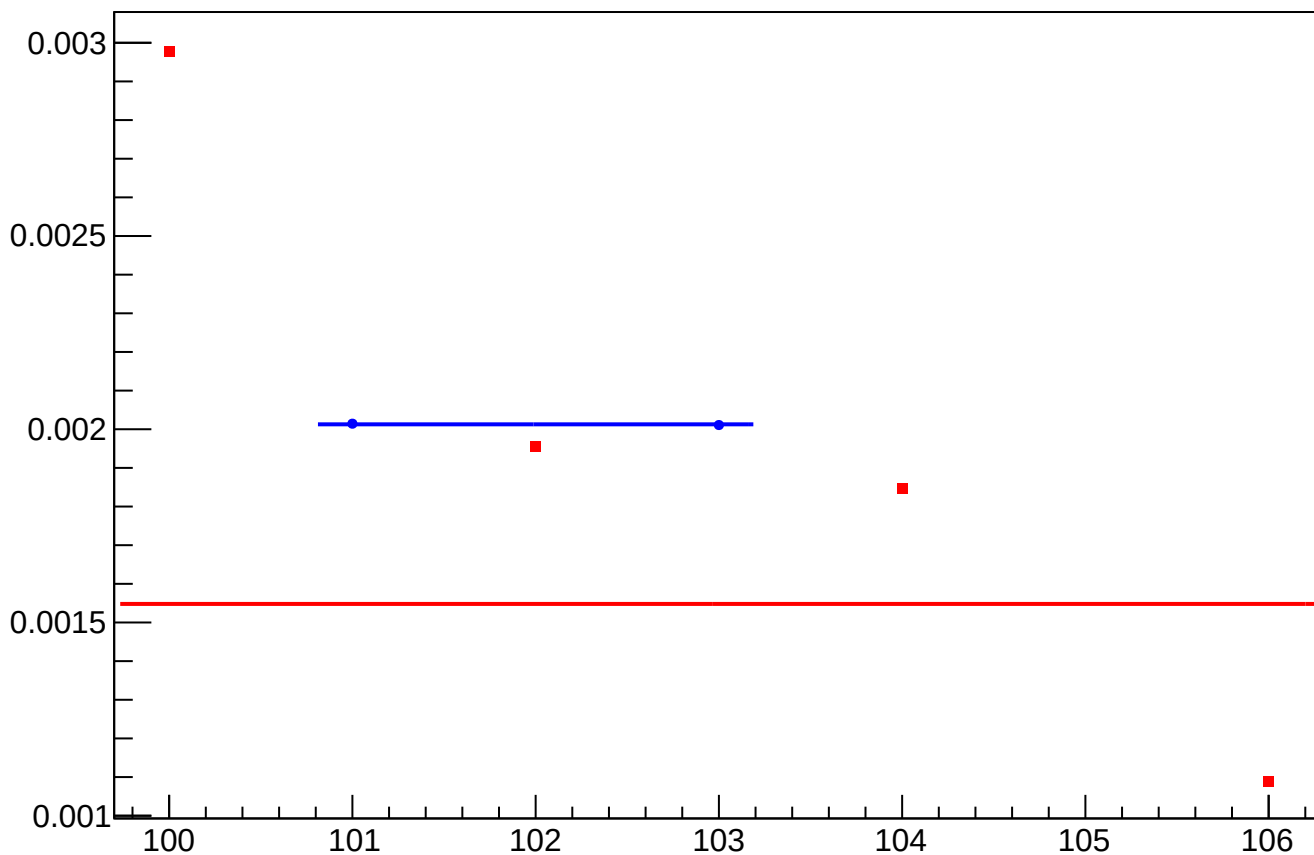
Right: 0.000+/-0.000 χ^2/NDF : 8.8/5

In: -0.000+/-0.000 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.8/5

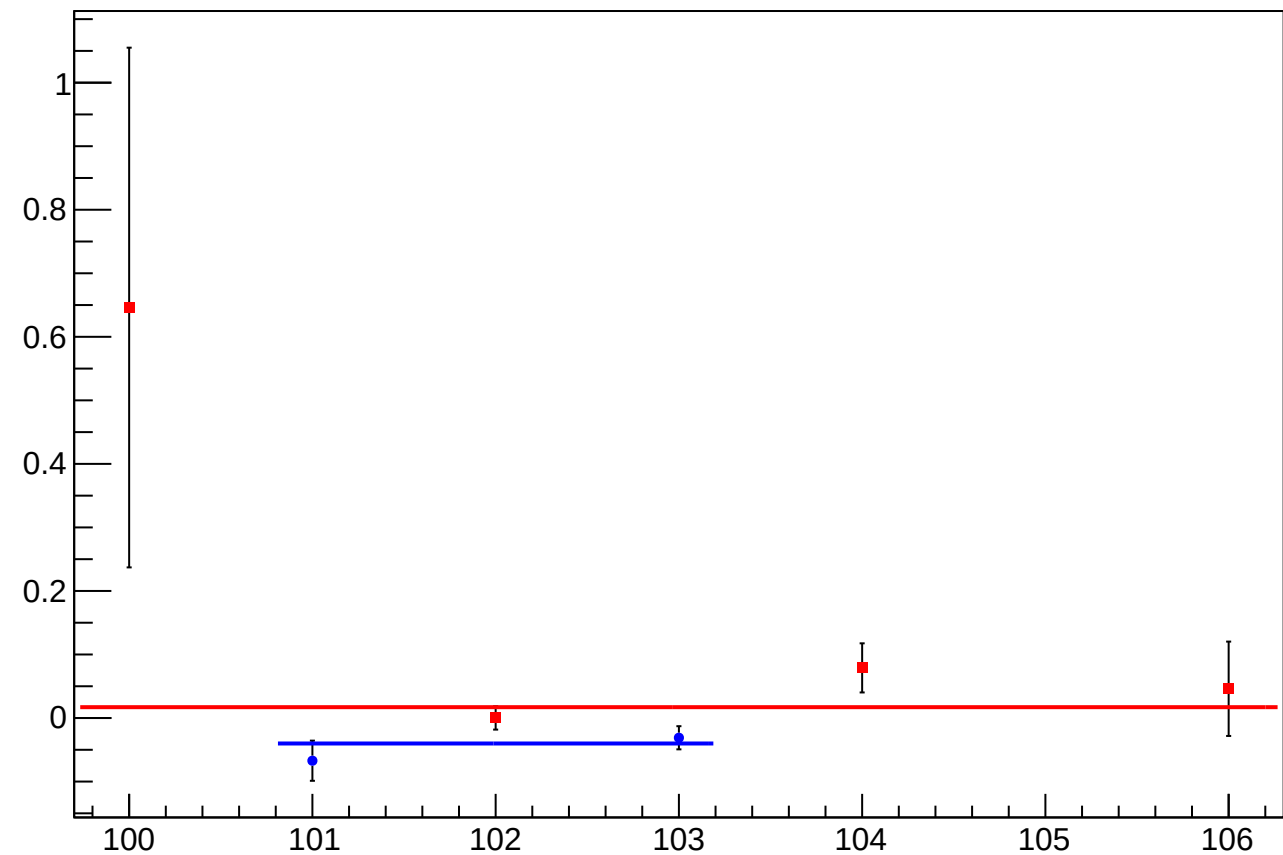
asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.002+/-0.000 χ^2/NDF : 232266.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.002+/-0.000 χ^2/NDF : 320936.2/5
 In: 0.002+/-0.000 χ^2/NDF : 1.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.002+/-0.000 χ^2/NDF : 320936.2/5

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.017 $\pm$ 0.016 χ^2 /NDF: 5.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

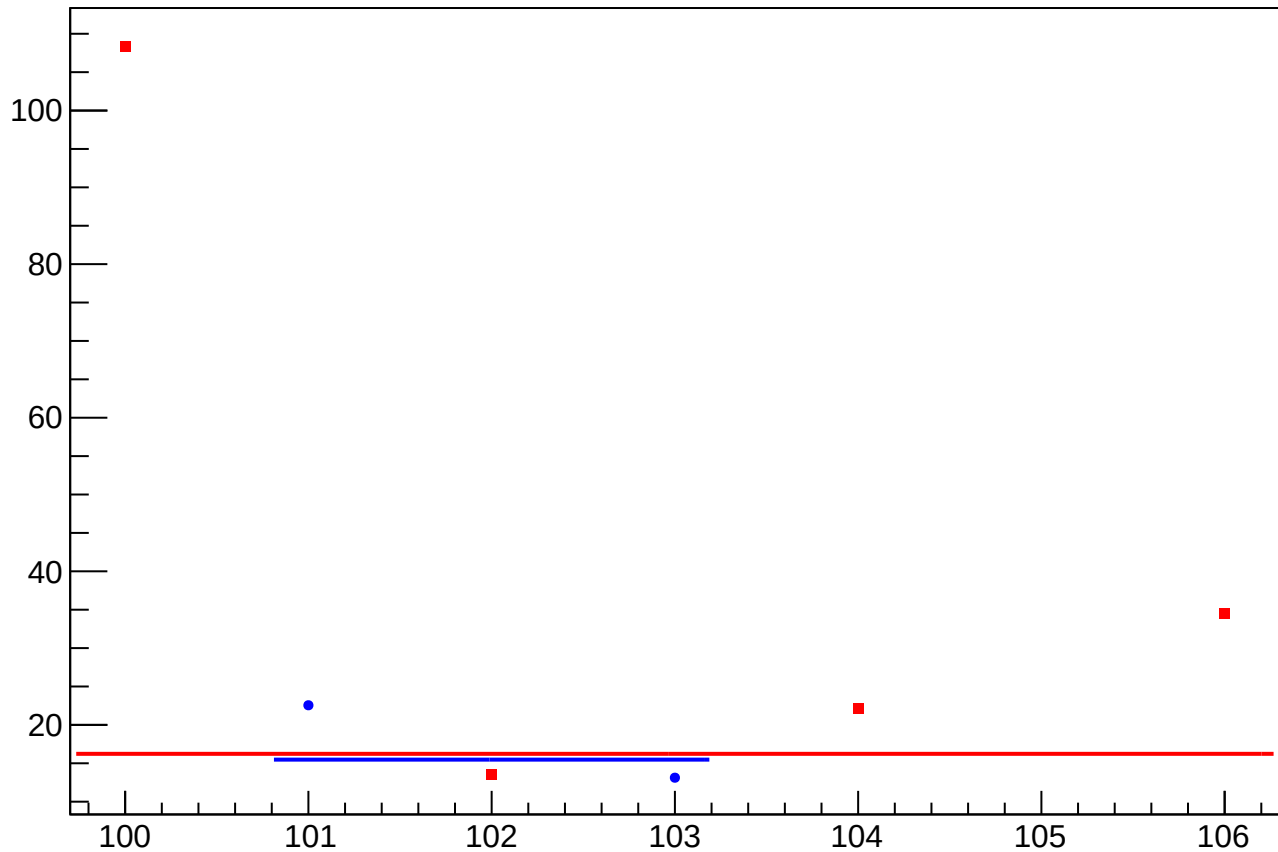
Right: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

In: -0.040 $\pm$ 0.016 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.011 χ^2 /NDF: 13.3/5

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.231+/-0.011 χ^2/NDF : 310425.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

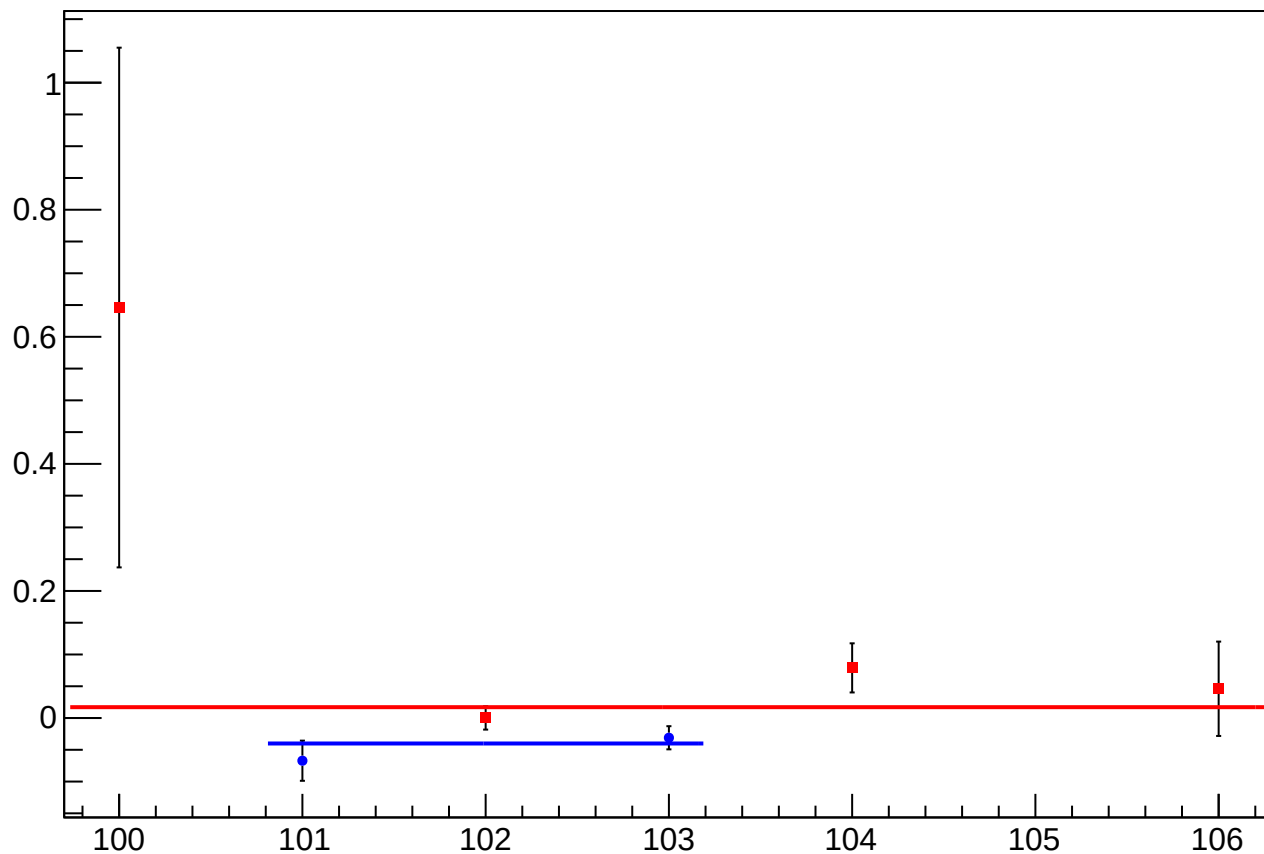
Right: 15.845+/-0.008 χ^2/NDF : 446415.1/5

In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.845+/-0.008 χ^2/NDF : 446415.1/5

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.016 χ^2/NDF : 1.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.017 ± 0.016 χ^2/NDF : 5.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

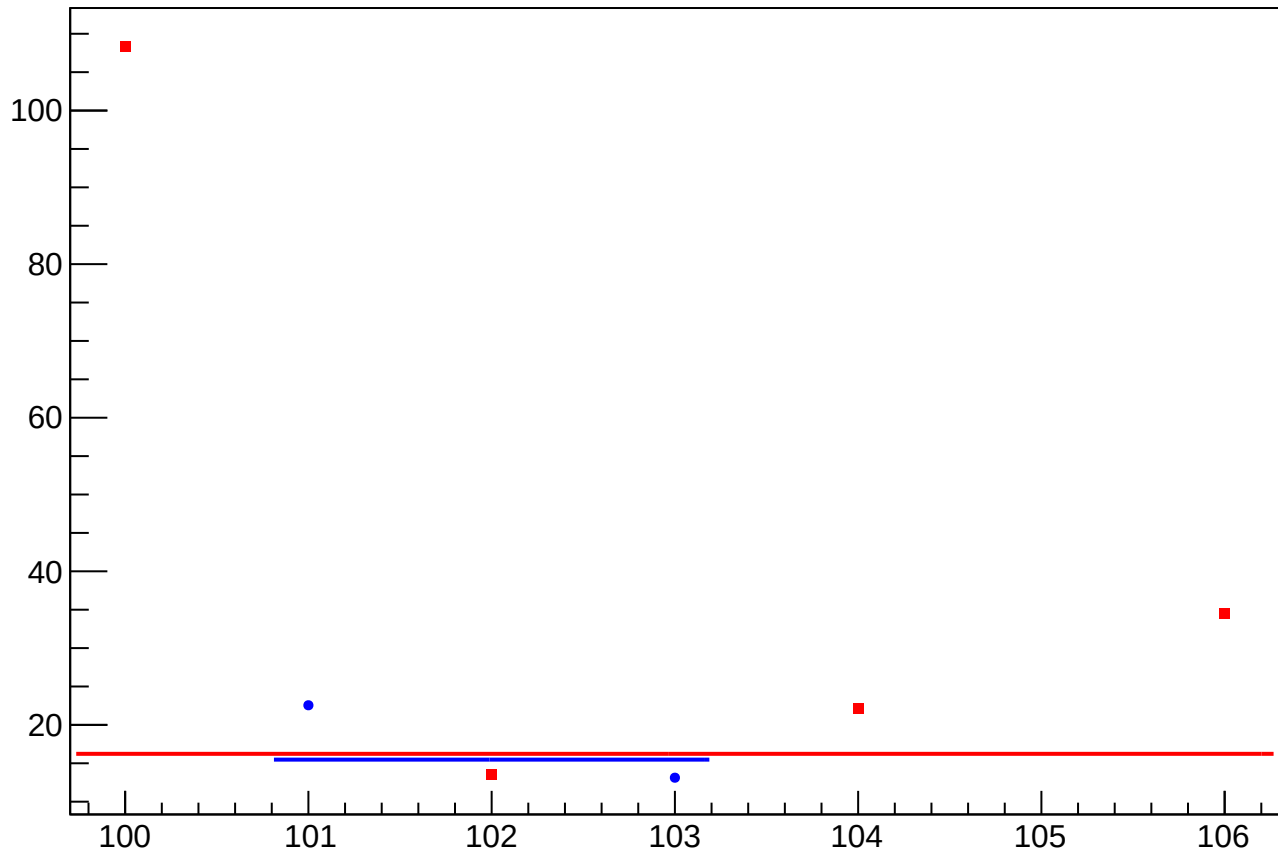
Right: -0.012 ± 0.011 χ^2/NDF : 13.3/5

In: -0.040 ± 0.016 χ^2/NDF : 1.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.011 χ^2/NDF : 13.3/5

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.231+/-0.011 χ^2/NDF : 310425.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

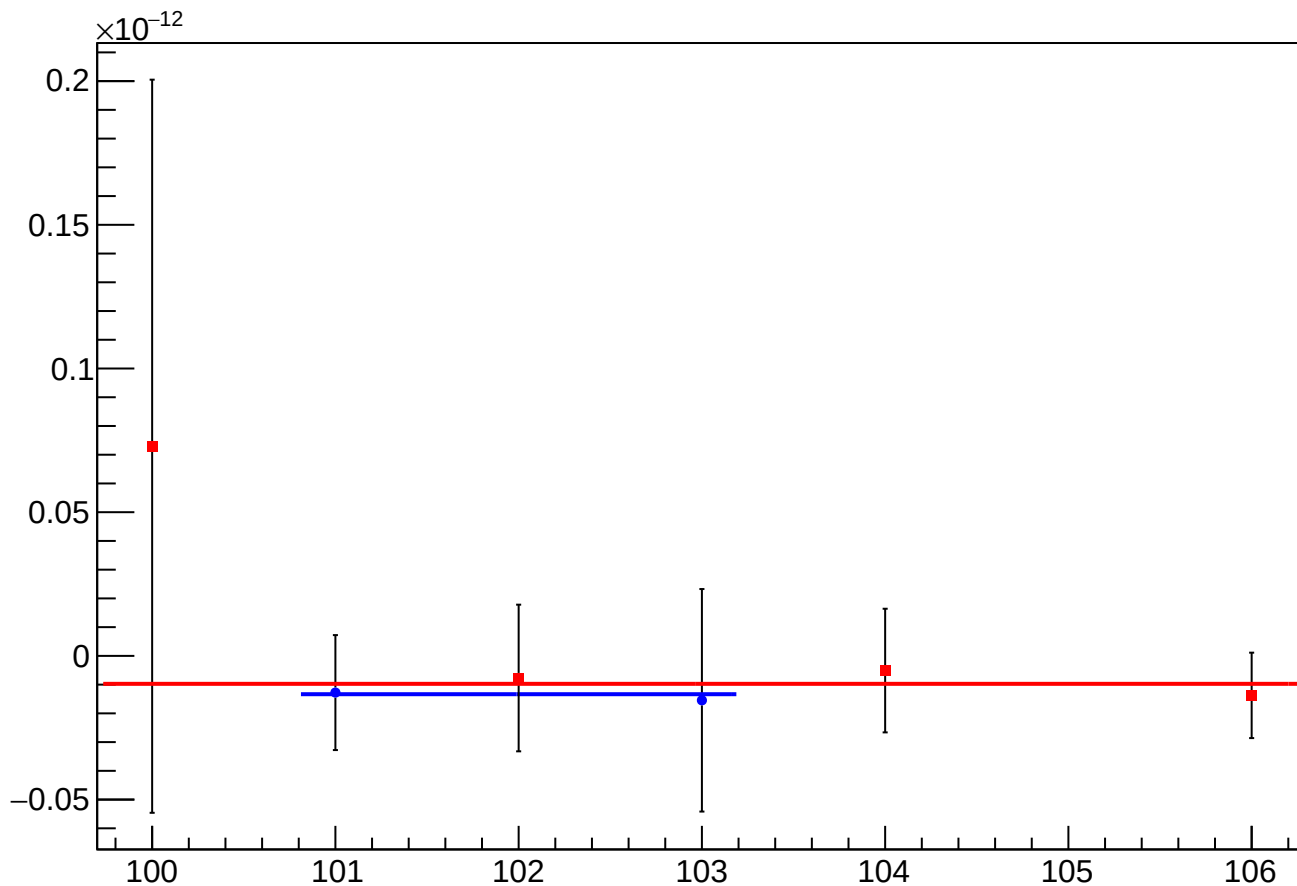
Right: 15.845+/-0.008 χ^2/NDF : 446415.1/5

In: 15.476+/-0.011 χ^2/NDF : 133759.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.845+/-0.008 χ^2/NDF : 446415.1/5

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

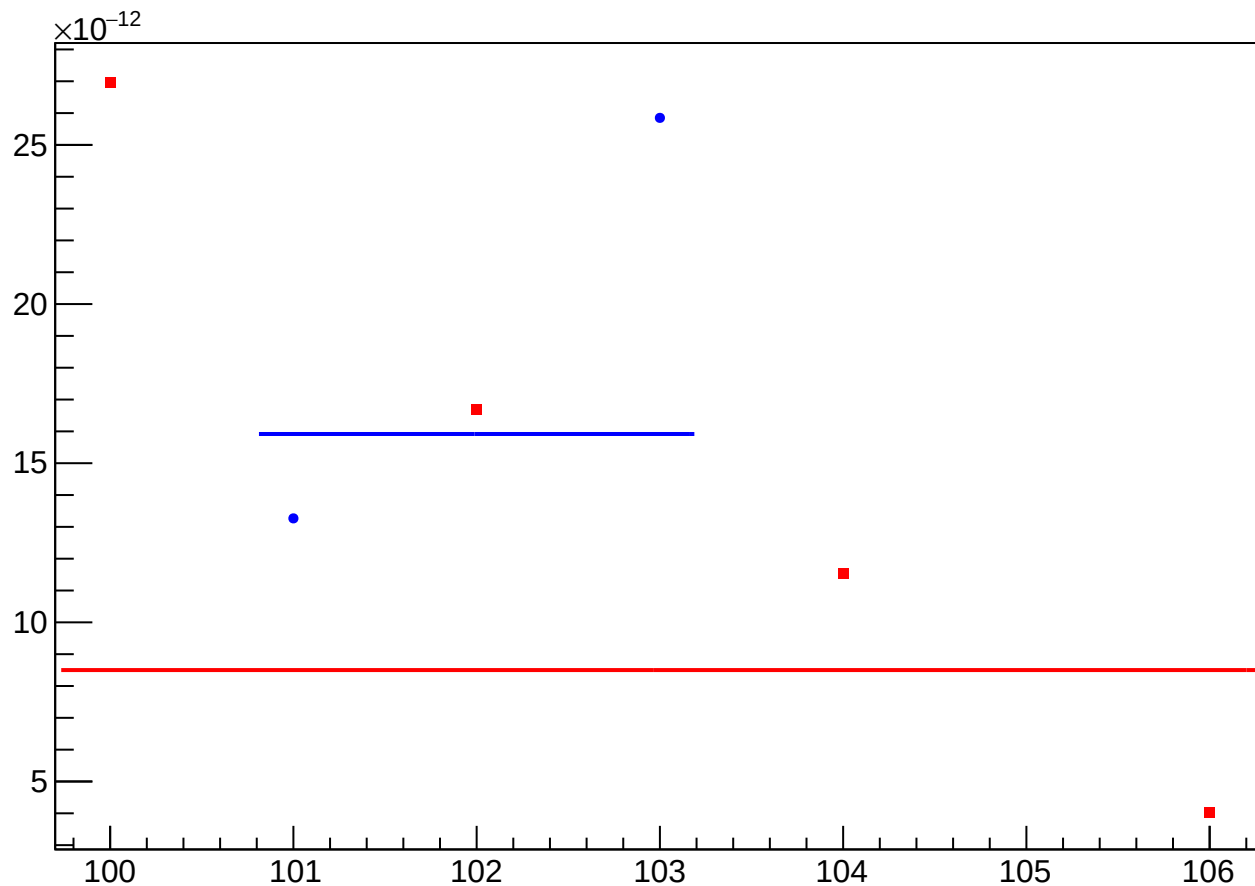
Right: -0.000+/-0.000 χ^2/NDF : 0.6/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 0.6/5

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 166766.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 468866.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

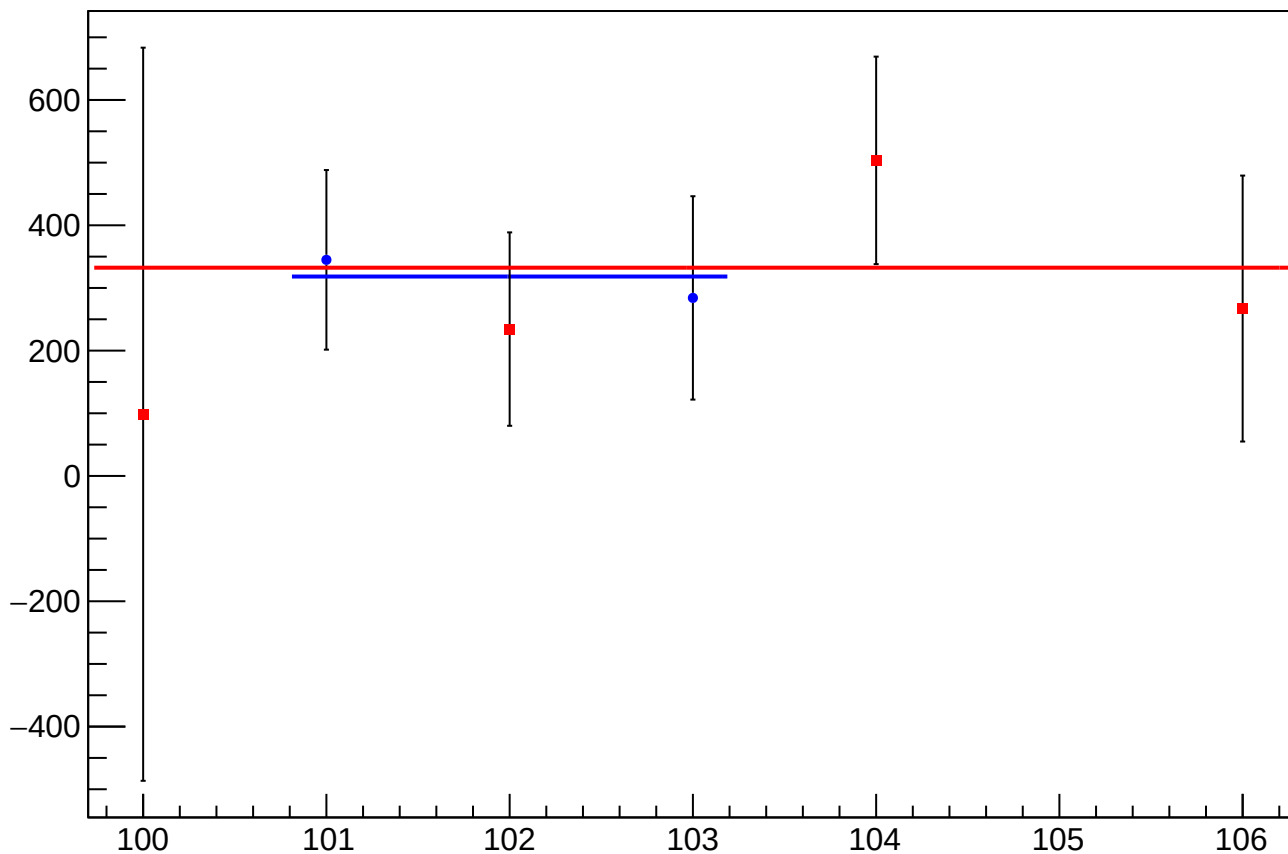
Right: 0.000+/-0.000 χ^2/NDF : 887715.0/5

In: 0.000+/-0.000 χ^2/NDF : 166766.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887715.0/5

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.245+/-107.424 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.347+/-98.254 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

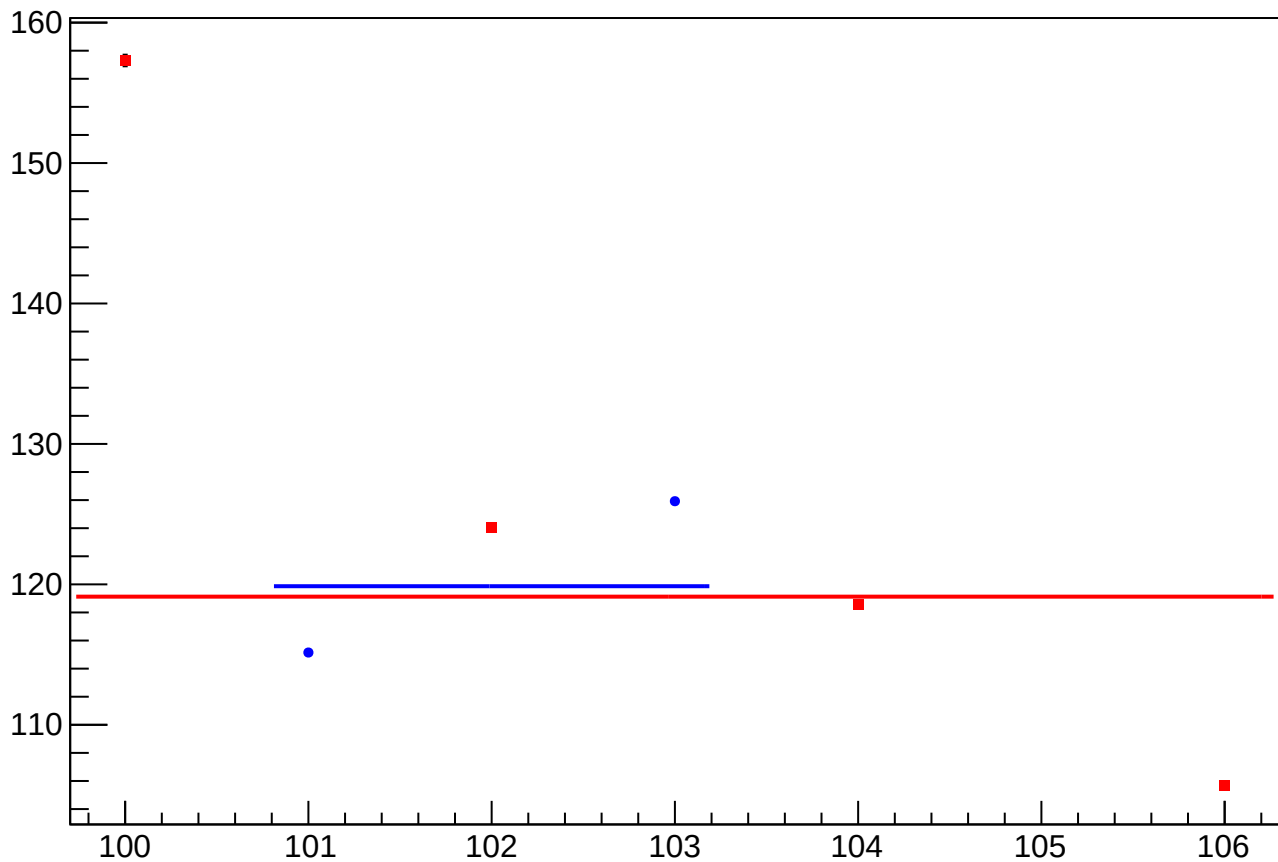
Right: 325.923+/-72.502 χ^2/NDF : 1.8/5

In: 318.245+/-107.424 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.923+/-72.502 χ^2/NDF : 1.8/5

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.868 $\pm$ 0.076 χ^2 /NDF: 4953.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.126 $\pm$ 0.069 χ^2 /NDF: 18635.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

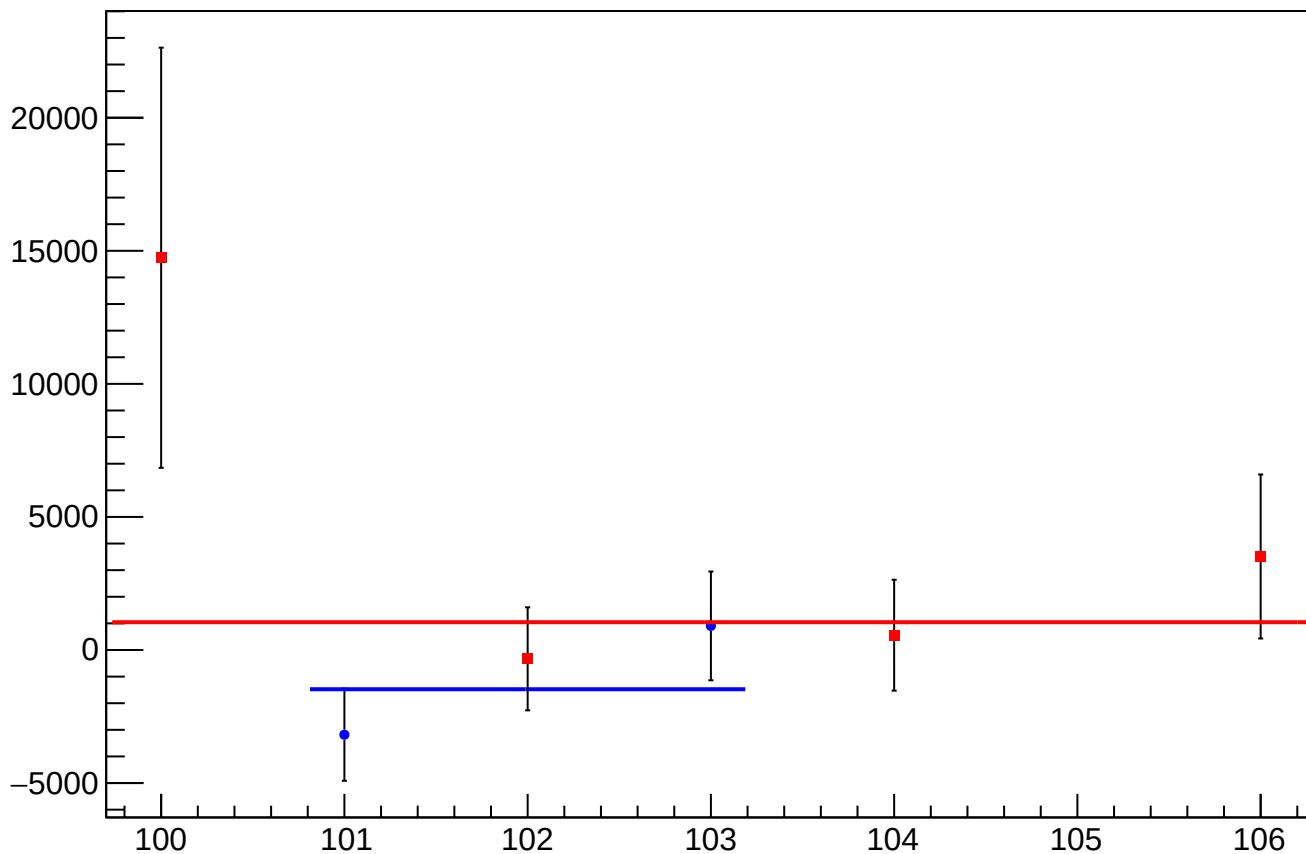
Right: 119.464 $\pm$ 0.051 χ^2 /NDF: 23640.8/5

In: 119.868 $\pm$ 0.076 χ^2 /NDF:4953.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.464 $\pm$ 0.051 χ^2 /NDF: 23640.8/5

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1474.742+/-1320.616 χ^2 /NDF: 2.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1044.626+/-1271.603 χ^2 /NDF: 4.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

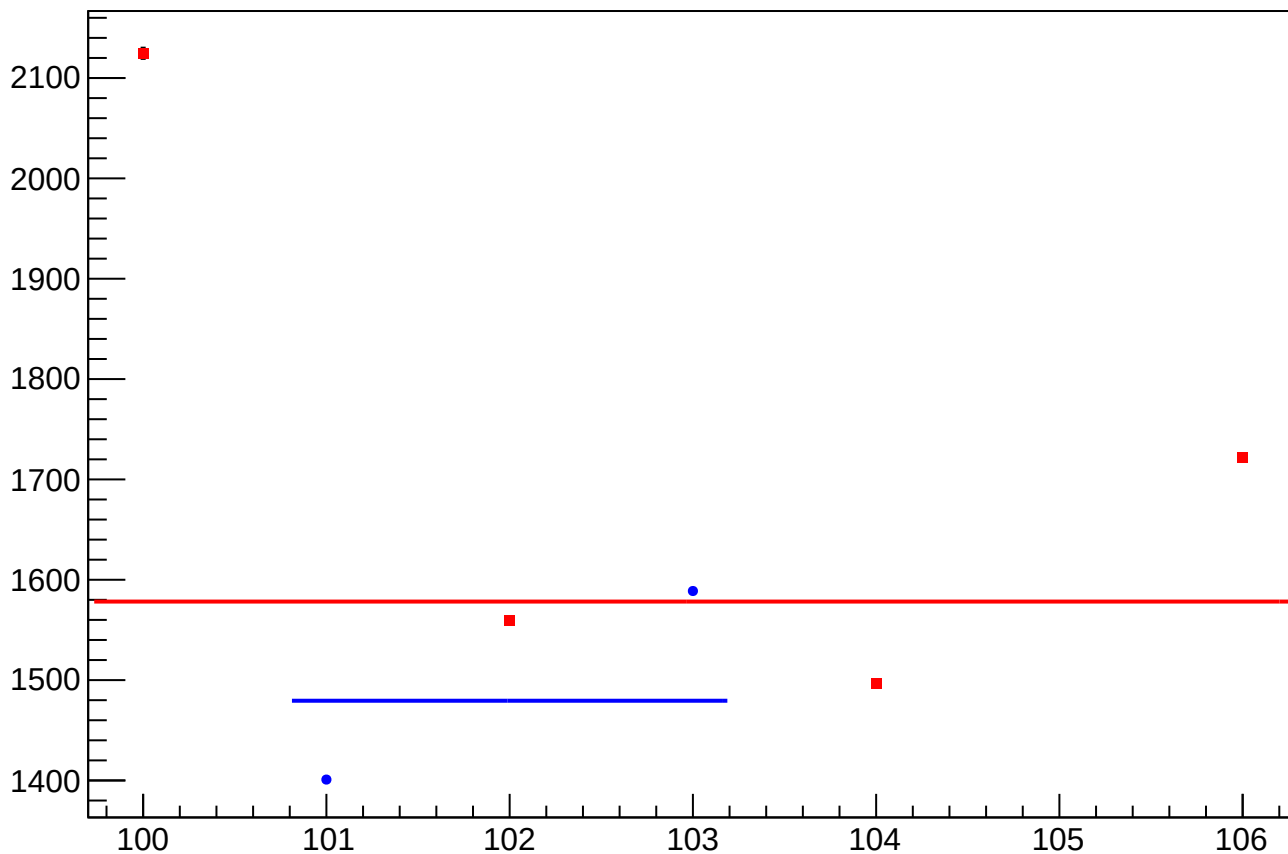
Right: -167.439+/-915.996 χ^2 /NDF: 8.4/5

In: -1474.742+/-1320.616 χ^2 /NDF: 2.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -167.439+/-915.996 χ^2 /NDF: 8.4/5

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1479.443+/-0.934 χ^2/NDF : 9851.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.276+/-0.899 χ^2/NDF : 17238.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

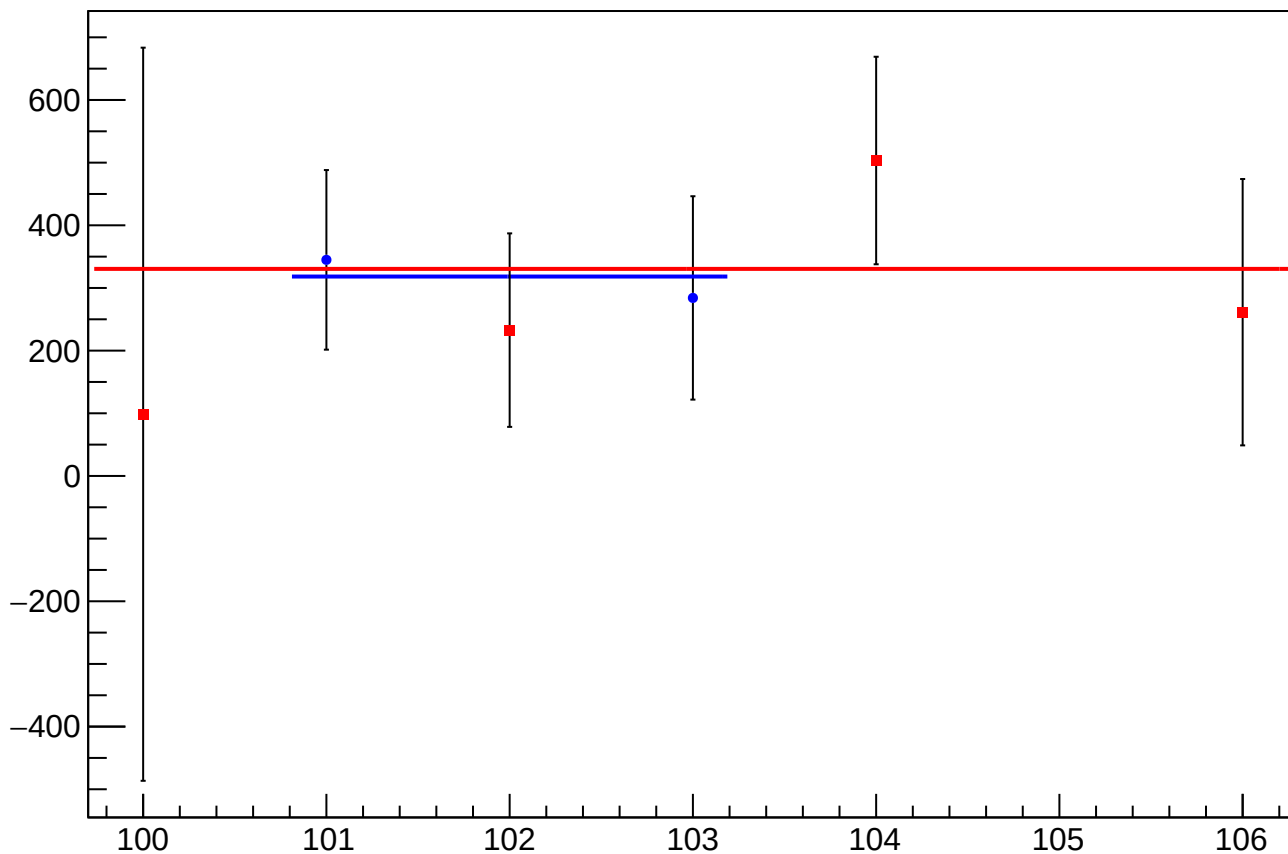
Right: 1530.728+/-0.648 χ^2/NDF : 32902.2/5

In: 1479.443+/-0.934 χ^2/NDF : 9851.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1530.728+/-0.648 χ^2/NDF : 32902.2/5

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 330.450 $\pm$ 98.306 χ^2 /NDF: 1.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

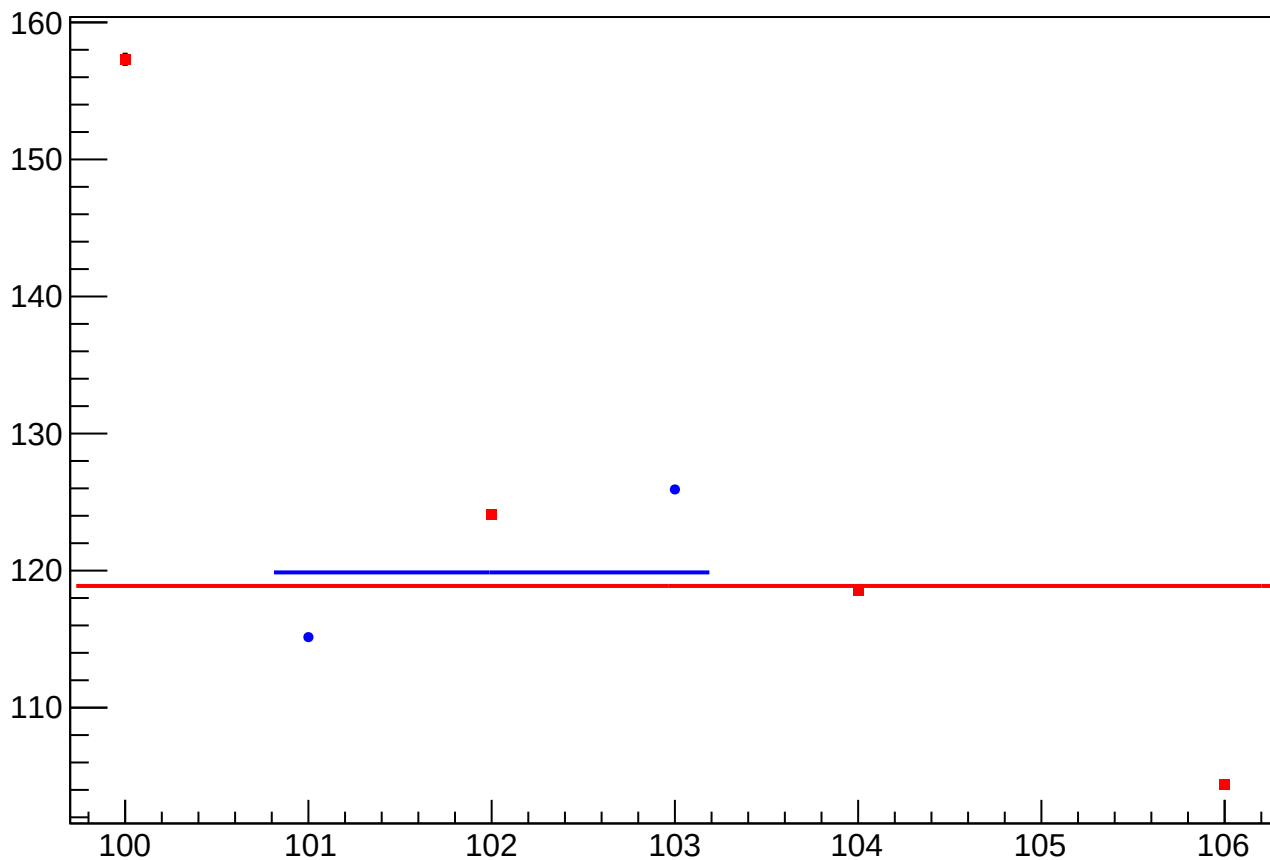
Right: 324.883 $\pm$ 72.522 χ^2 /NDF: 1.8/5

In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 324.883 $\pm$ 72.522 χ^2 /NDF: 1.8/5

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.881+/-0.070 χ^2/NDF : 20252.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

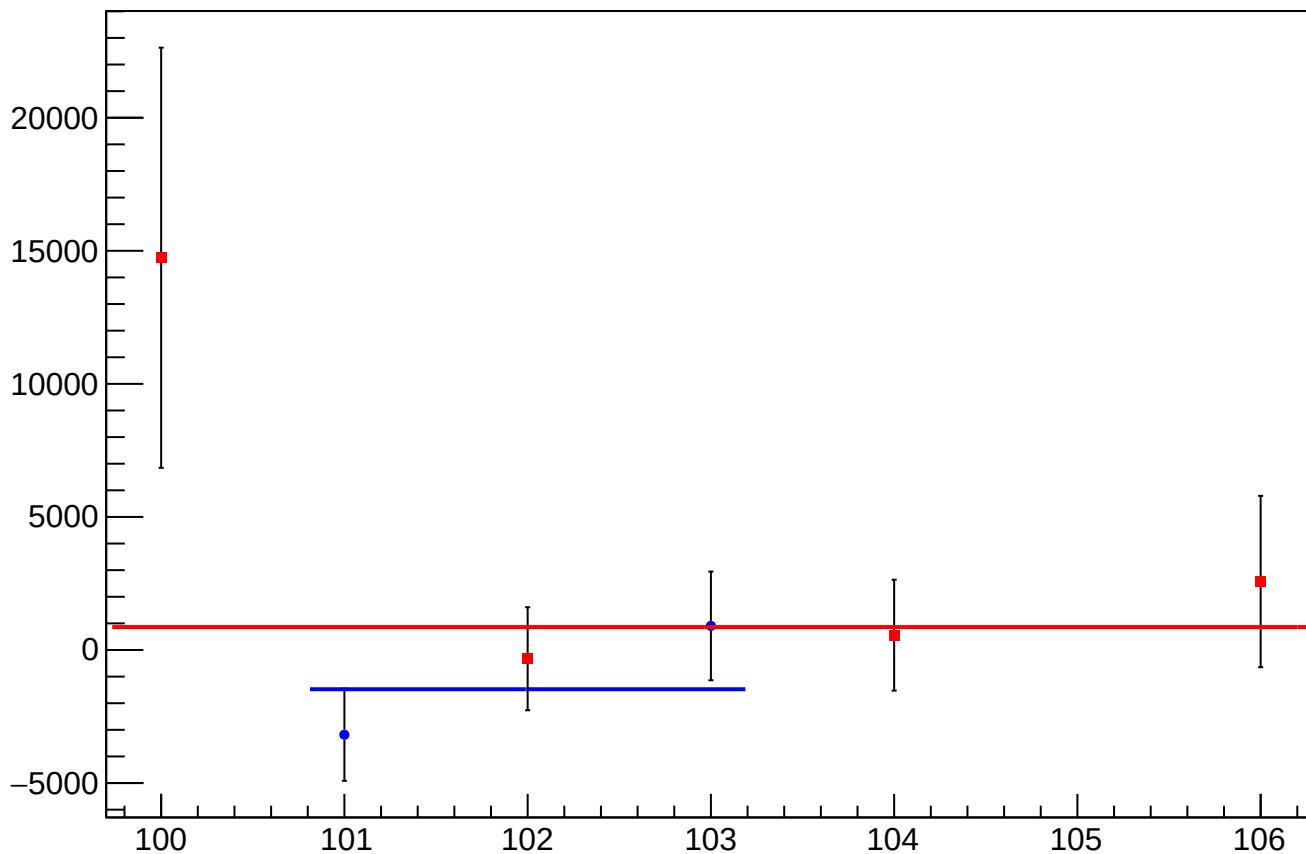
Right: 119.331+/-0.051 χ^2/NDF : 25298.3/5

In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.331+/-0.051 χ^2/NDF : 25298.3/5

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1474.613 $\pm$ 1320.638 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 861.929 $\pm$ 1281.039 χ^2 /NDF: 3.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

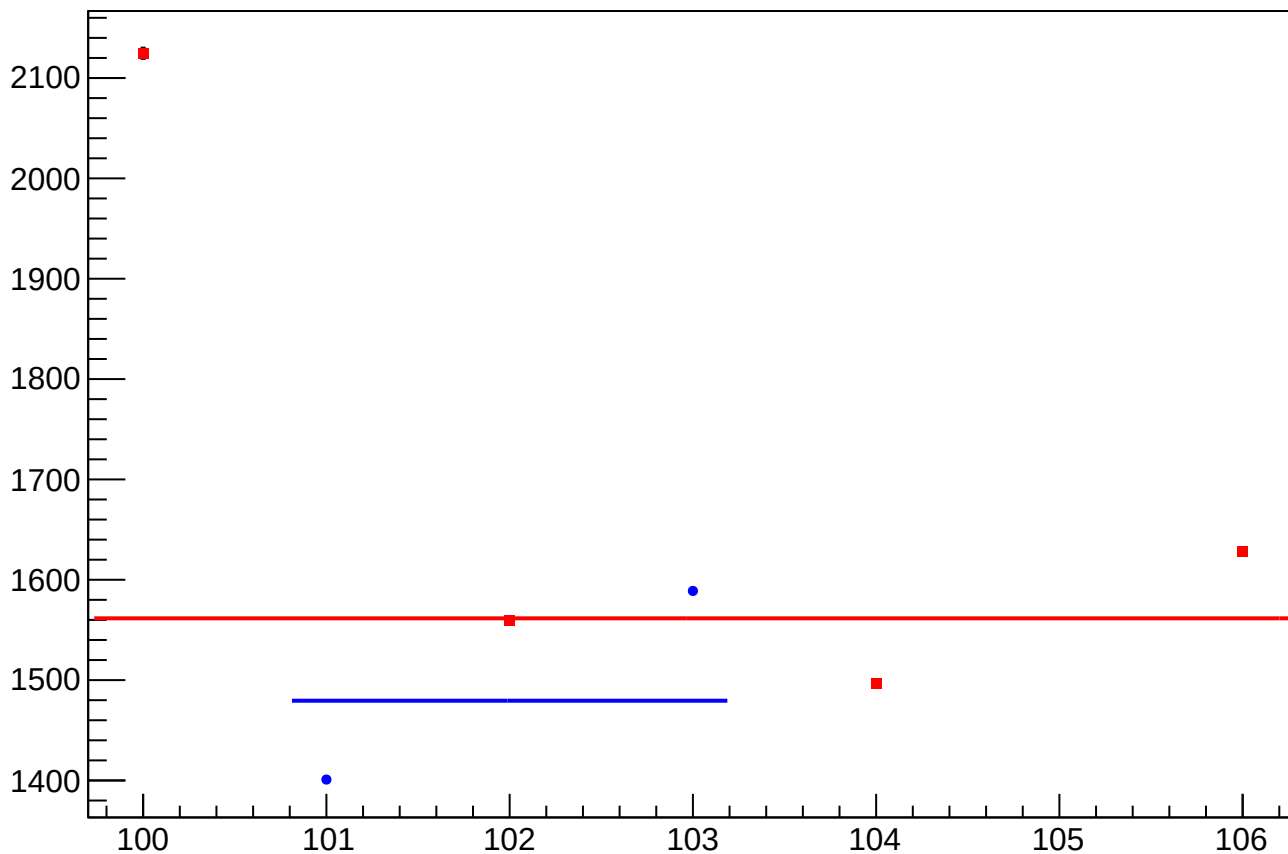
Right: -270.787 $\pm$ 919.512 χ^2 /NDF: 7.7/5

In: -1474.613 $\pm$ 1320.638 χ^2 /NDF: 2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -270.787 $\pm$ 919.512 χ^2 /NDF: 7.7/5

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1479.466+/-0.934 χ^2/NDF : 9857.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1561.579+/-0.906 χ^2/NDF : 12994.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

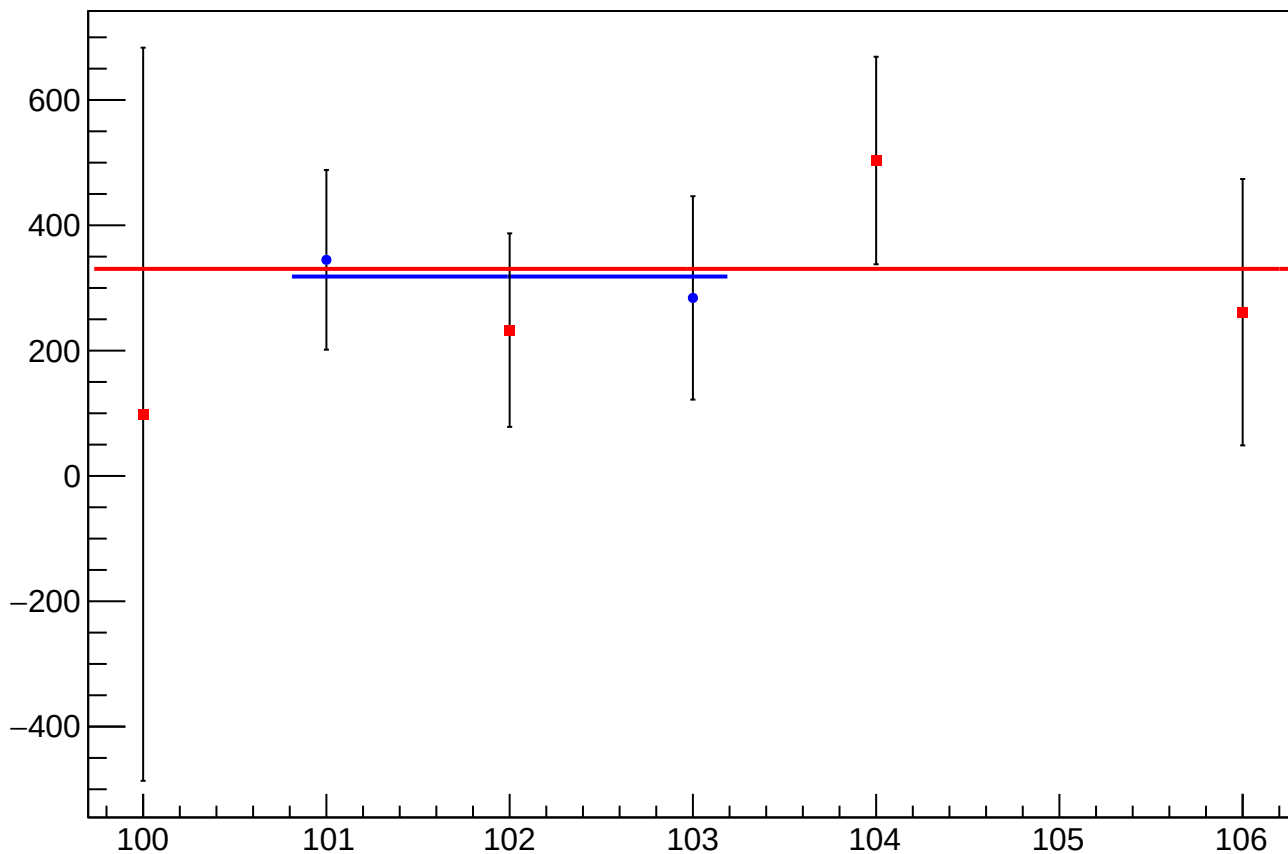
Right: 1521.772+/-0.650 χ^2/NDF : 26835.8/5

In: 1479.466+/-0.934 χ^2/NDF : 9857.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.772+/-0.650 χ^2/NDF : 26835.8/5

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.235 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 330.450 $\pm$ 98.306 χ^2 /NDF: 1.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

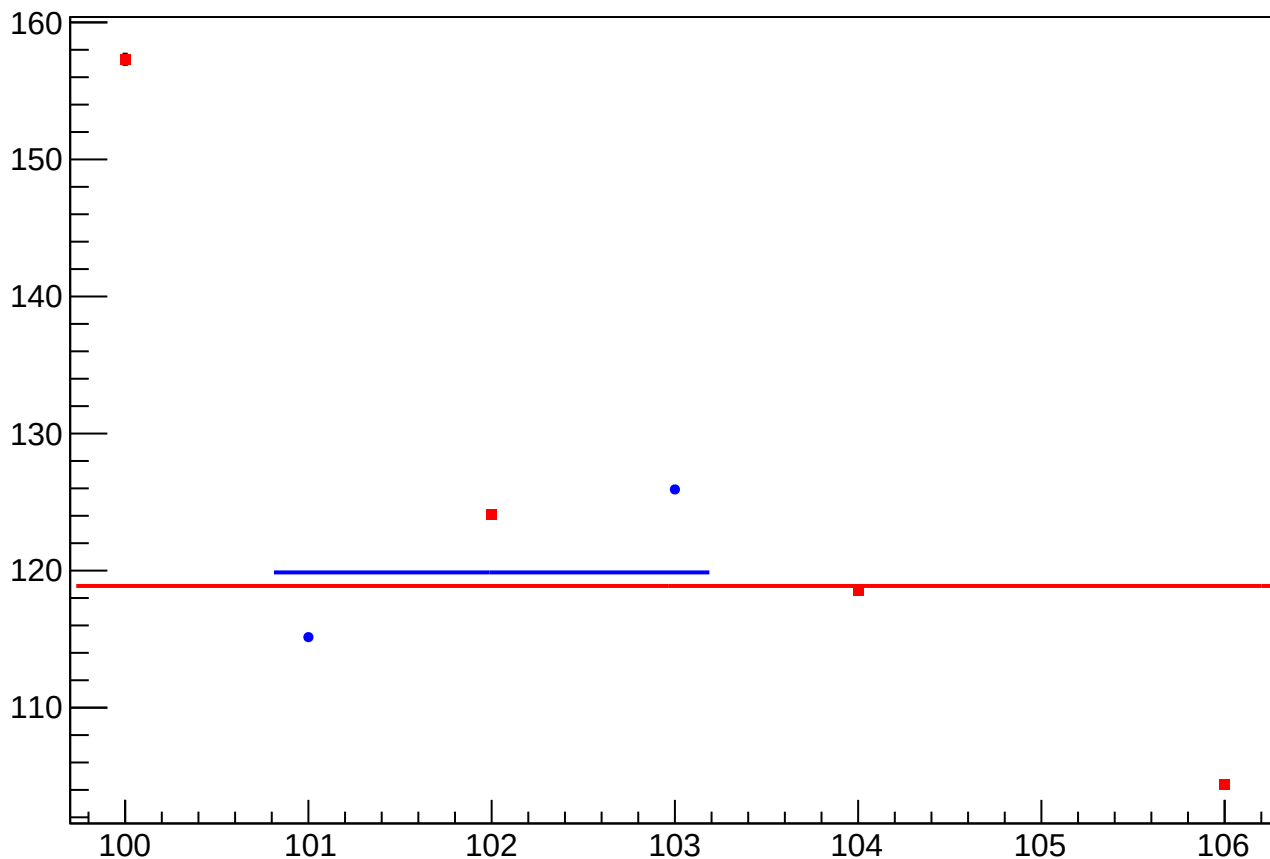
Right: 324.883 $\pm$ 72.522 χ^2 /NDF: 1.8/5

In: 318.235 $\pm$ 107.424 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 324.883 $\pm$ 72.522 χ^2 /NDF: 1.8/5

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.881+/-0.070 χ^2/NDF : 20252.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

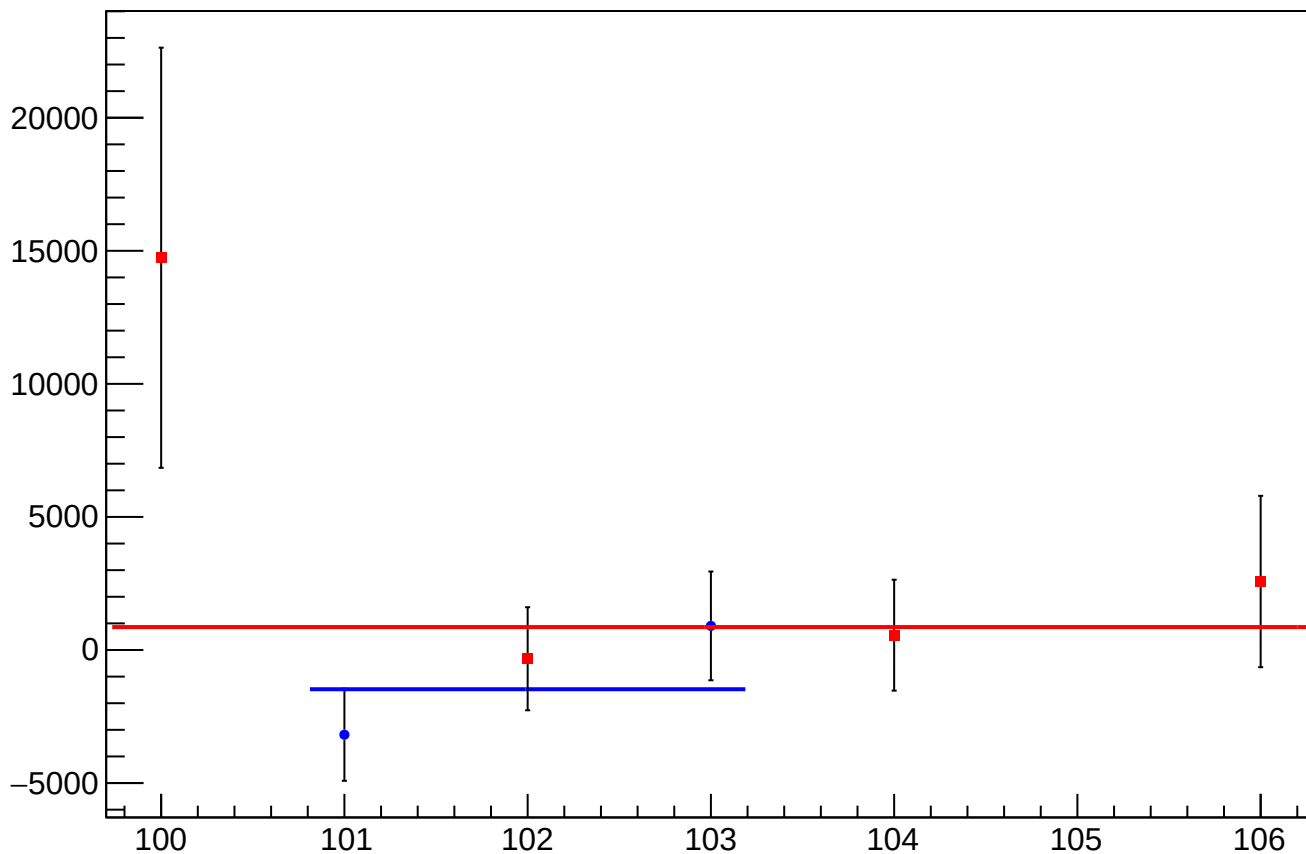
Right: 119.331+/-0.051 χ^2/NDF : 25298.3/5

In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.331+/-0.051 χ^2/NDF : 25298.3/5

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.929+/-1281.039 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

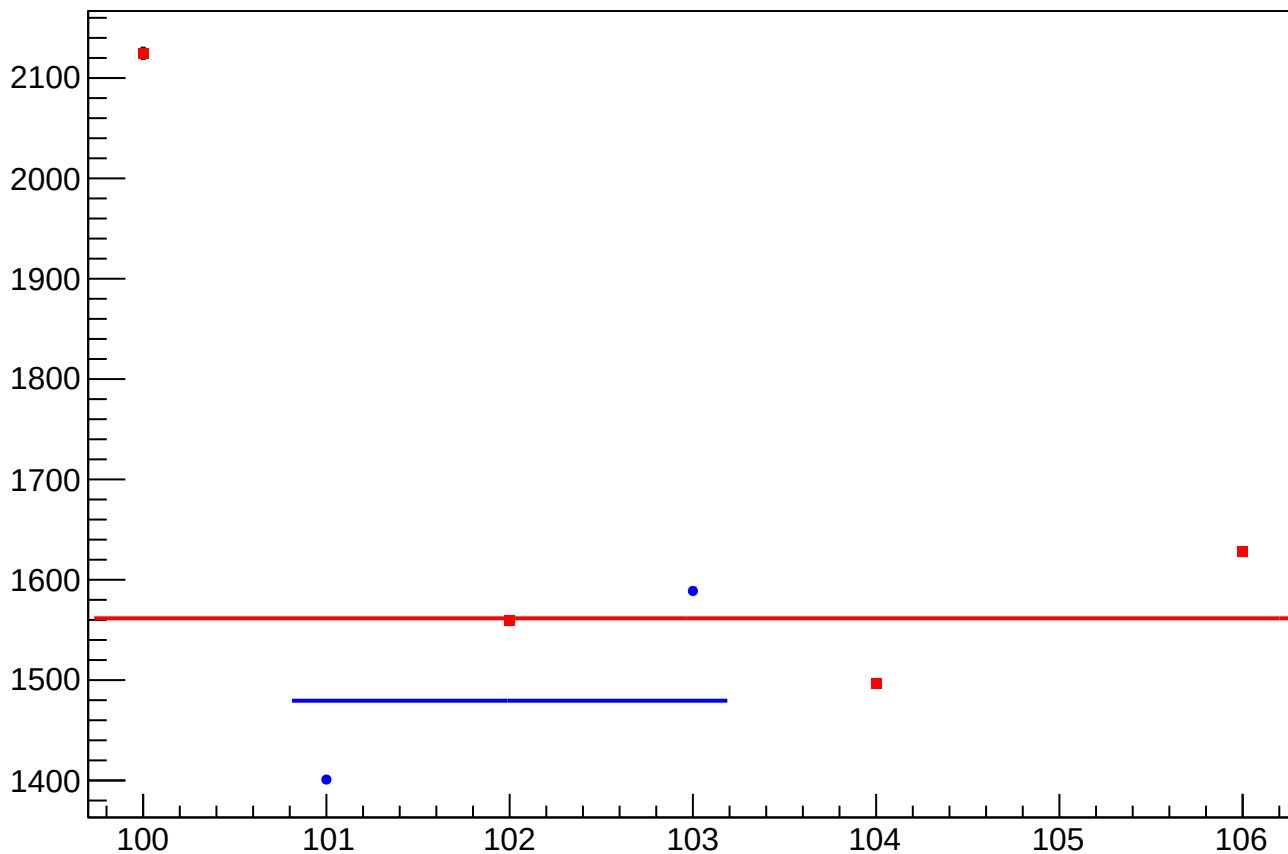
Right: -270.787+/-919.512 χ^2/NDF : 7.7/5

In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -270.787+/-919.512 χ^2/NDF : 7.7/5

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1479.466+/-0.934 χ^2/NDF : 9857.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1561.579+/-0.906 χ^2/NDF : 12994.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

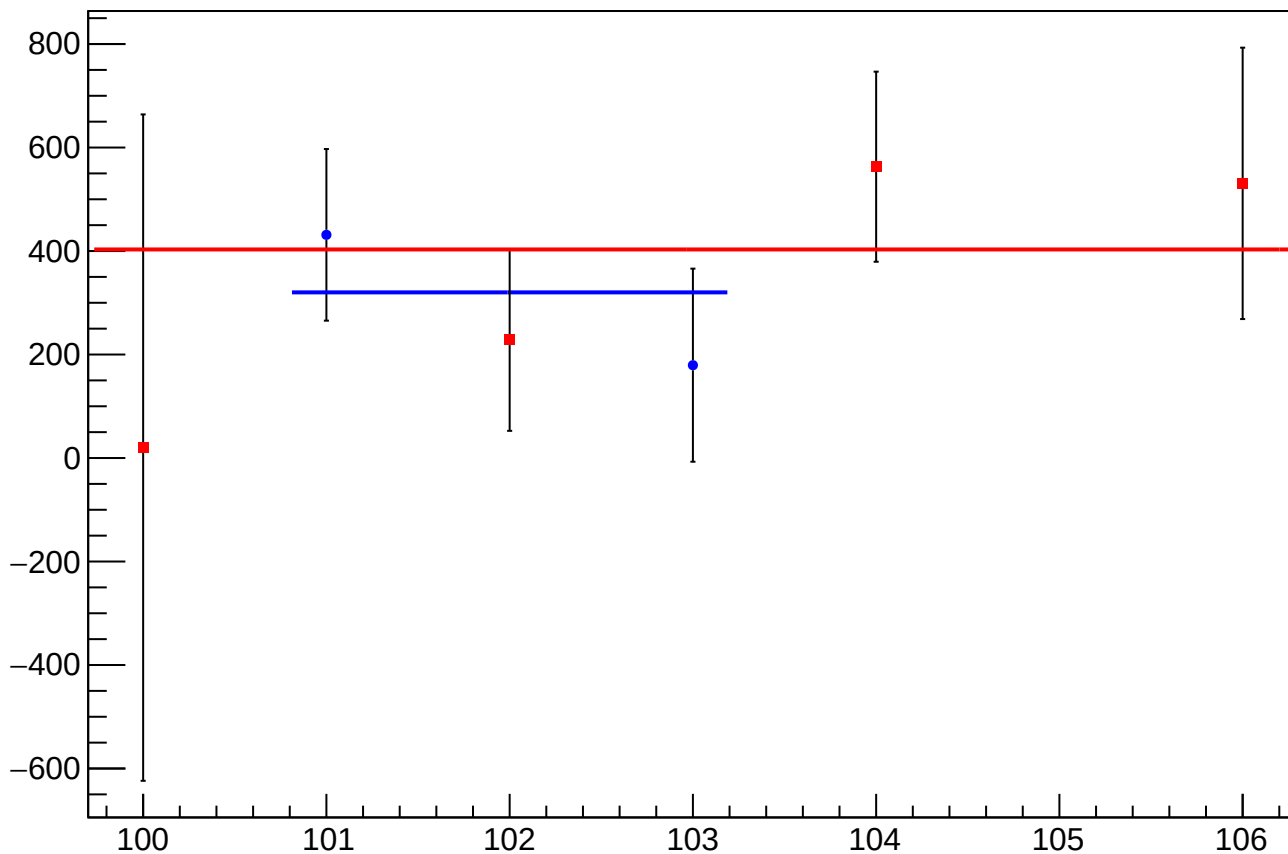
Right: 1521.772+/-0.650 χ^2/NDF : 26835.8/5

In: 1479.466+/-0.934 χ^2/NDF : 9857.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1521.772+/-0.650 χ^2/NDF : 26835.8/5

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 320.112 $\pm$ 123.947 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 403.058 $\pm$ 112.484 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

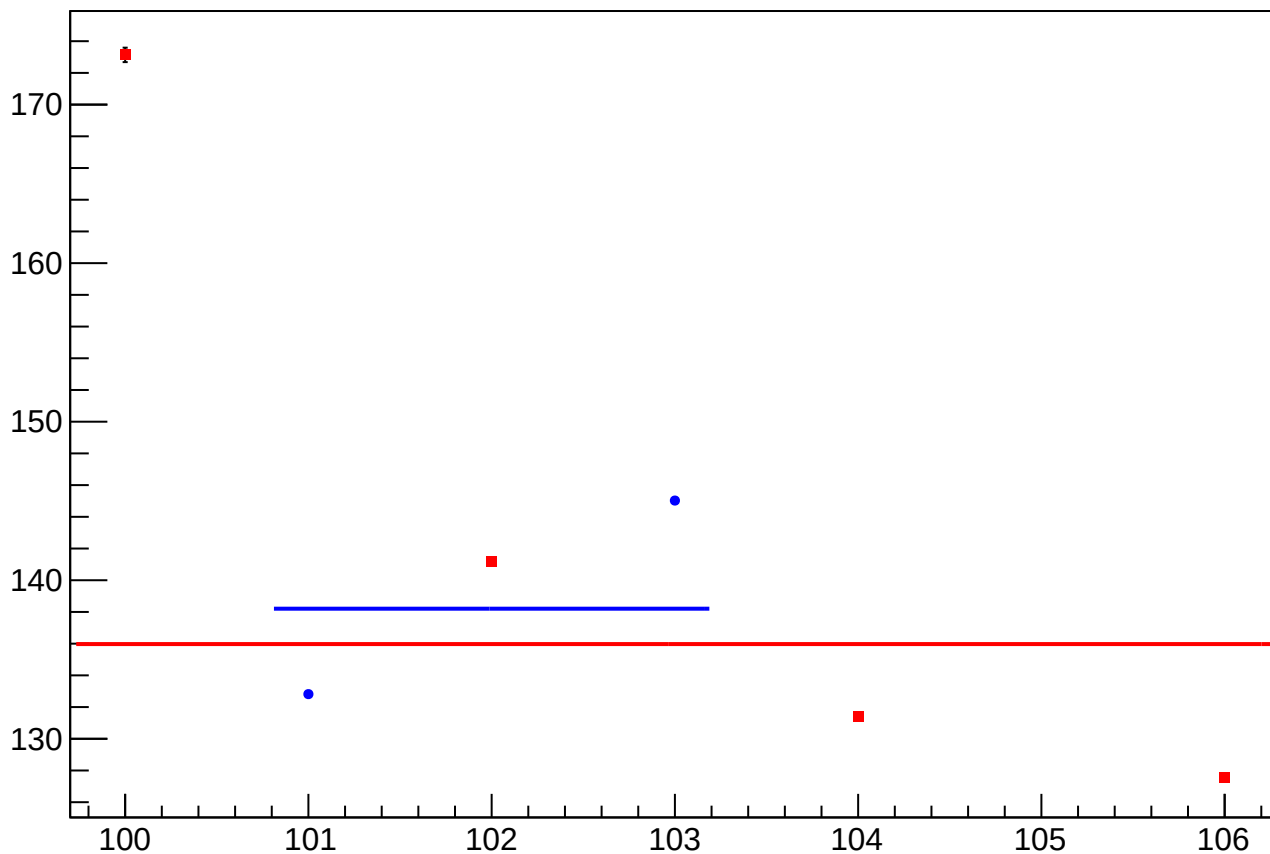
Right: 365.597 $\pm$ 83.297 χ^2 /NDF: 3.6/5

In: 320.112 $\pm$ 123.947 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 365.597 $\pm$ 83.297 χ^2 /NDF: 3.6/5

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 138.205 $\pm$ 0.088 χ^2 /NDF: 4784.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.974 $\pm$ 0.080 χ^2 /NDF: 11704.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

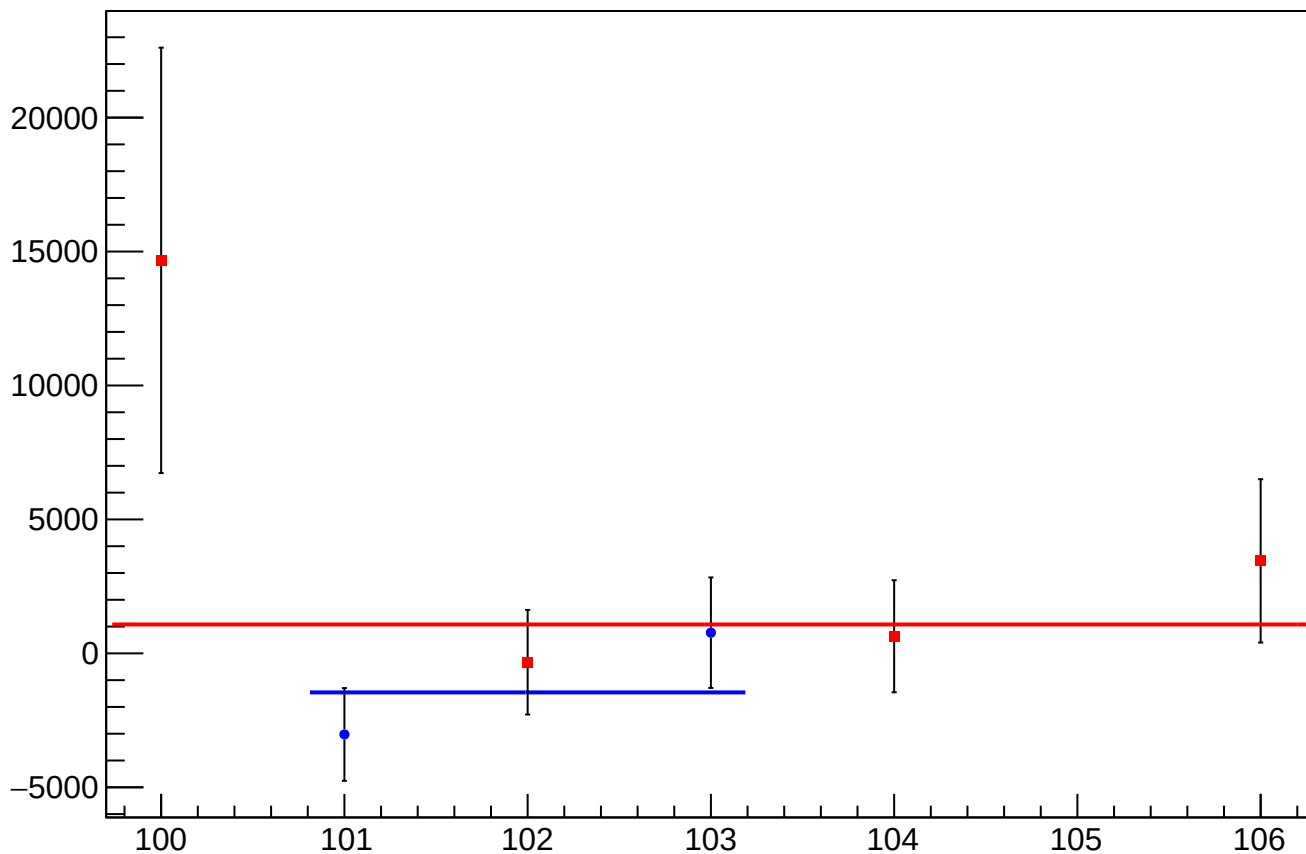
Right: 136.982 $\pm$ 0.059 χ^2 /NDF: 16844.8/5

In: 138.205 $\pm$ 0.088 χ^2 /NDF:4784.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.982 $\pm$ 0.059 χ^2 /NDF: 16844.8/5

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1457.849+/-1325.888 χ^2 /NDF: 2.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1079.115+/-1275.699 χ^2 /NDF: 4.1/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

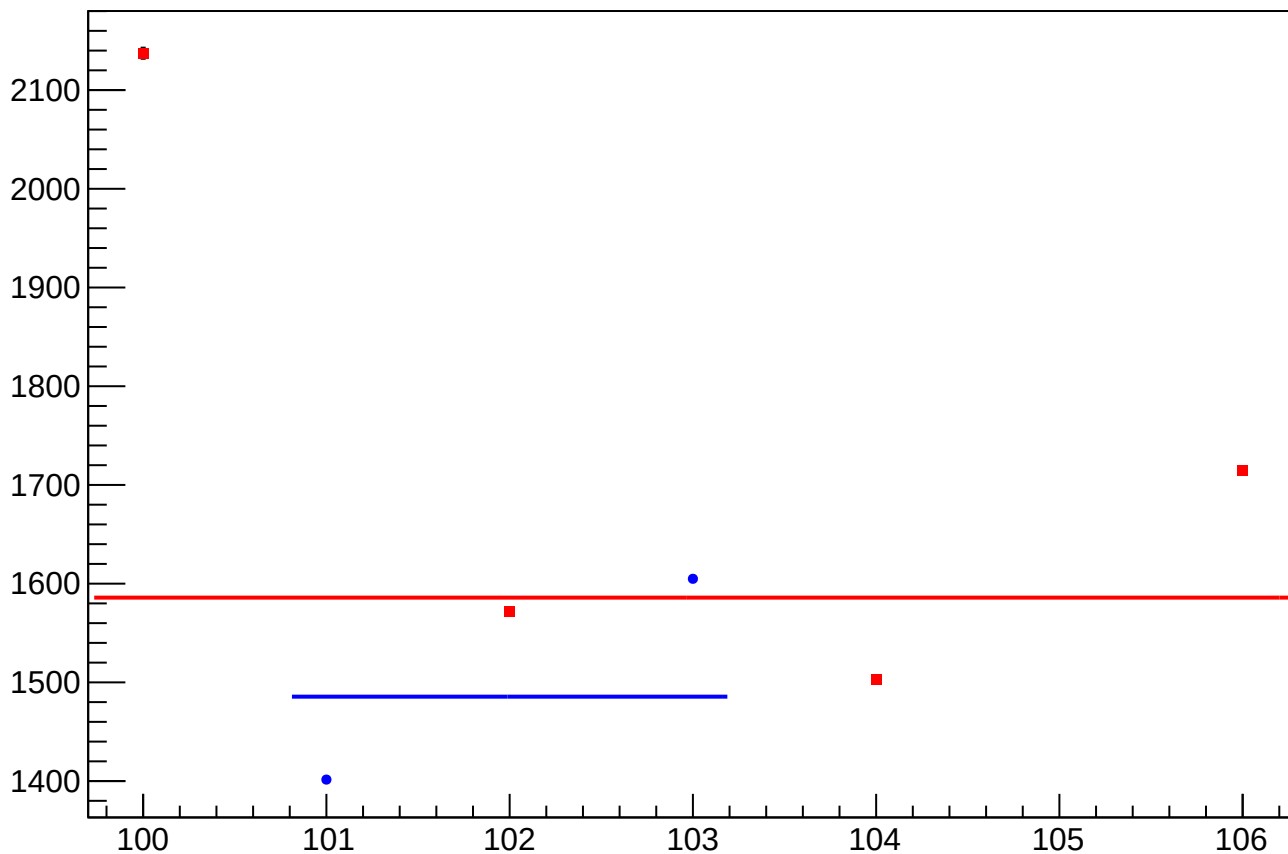
Right: -140.444+/-919.286 χ^2 /NDF: 8.0/5

In: -1457.849+/-1325.888 χ^2 /NDF: 2.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -140.444+/-919.286 χ^2 /NDF: 8.0/5

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1485.528+/-0.938 χ^2/NDF : 11411.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1585.858+/-0.902 χ^2/NDF : 16497.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

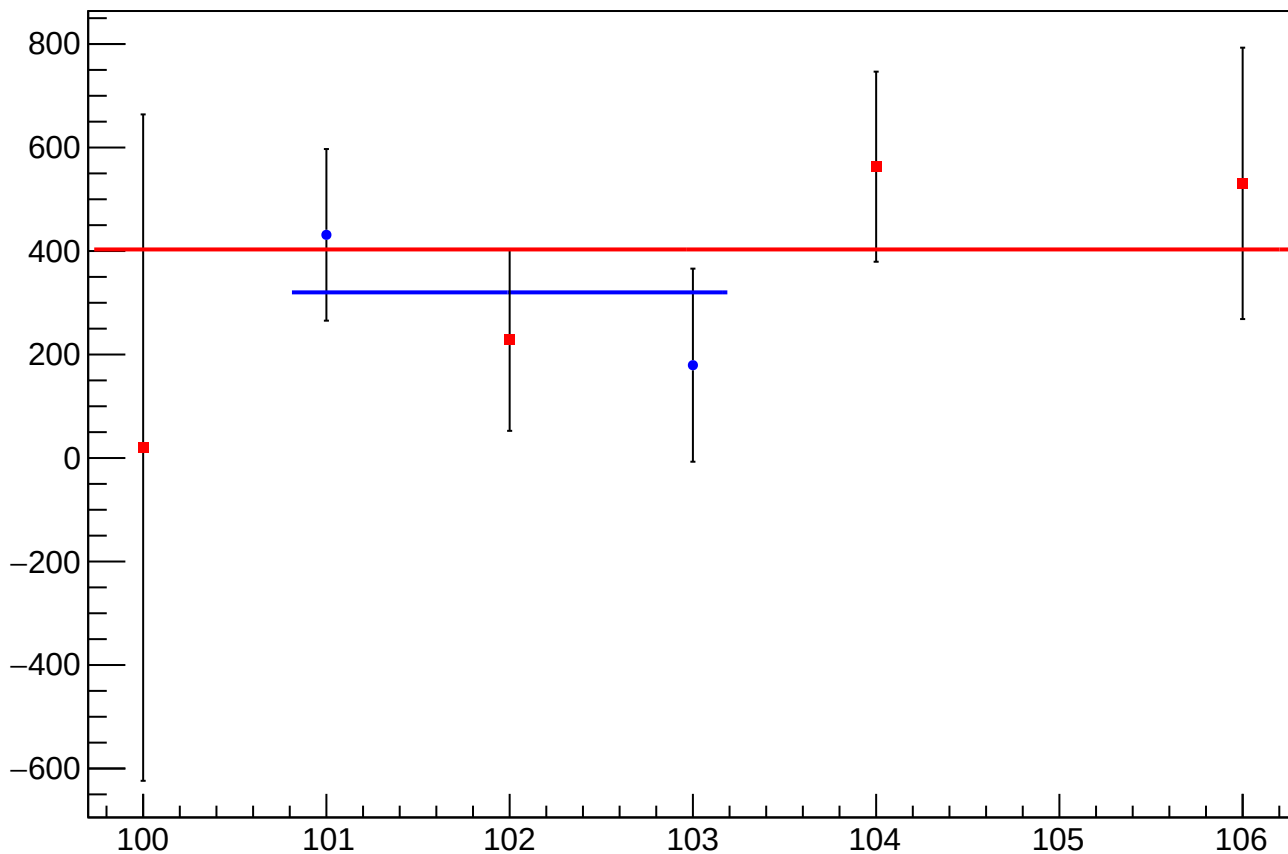
Right: 1537.628+/-0.650 χ^2/NDF : 33854.9/5

In: 1485.528+/-0.938 χ^2/NDF : 11411.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.628+/-0.650 χ^2/NDF : 33854.9/5

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 320.108 $\pm$ 123.947 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 403.058 $\pm$ 112.484 χ^2 /NDF: 2.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

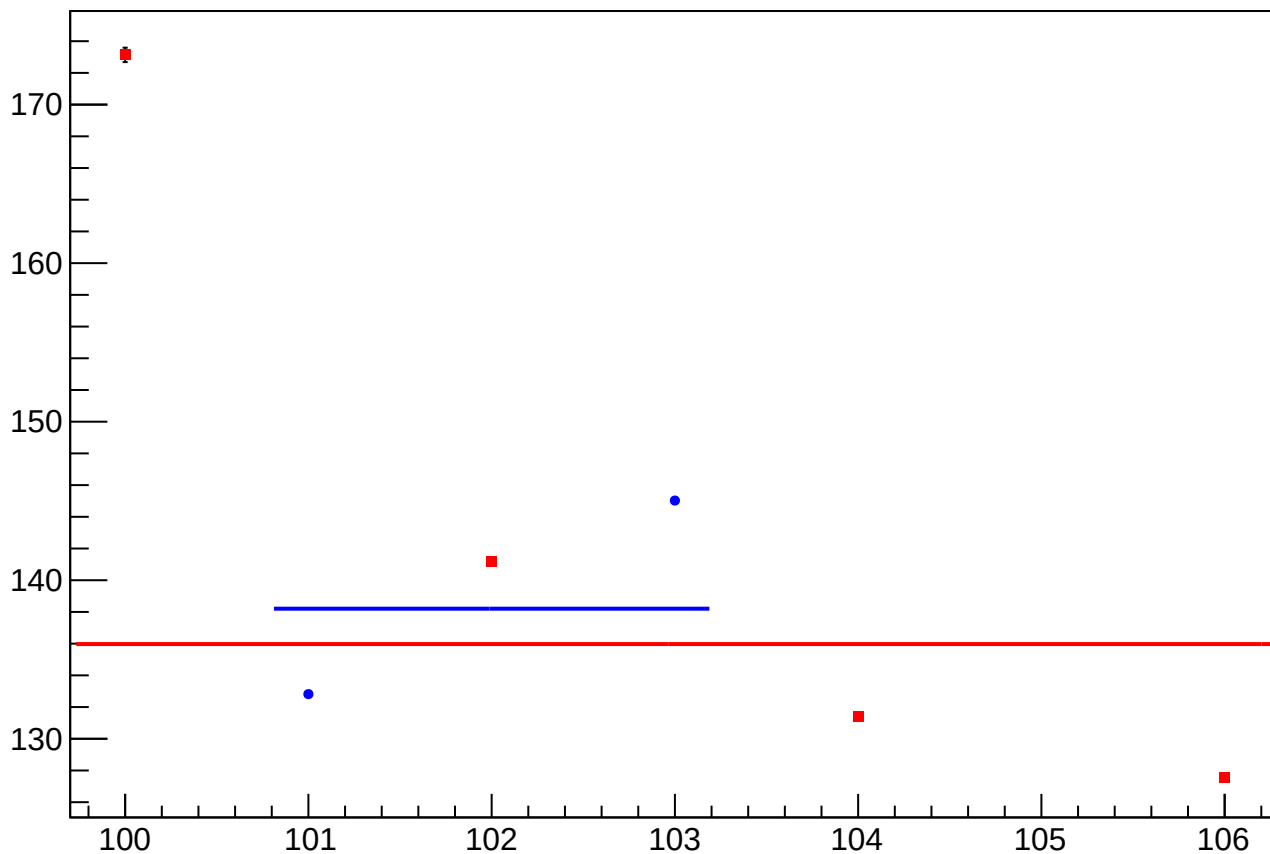
Right: 365.596 $\pm$ 83.297 χ^2 /NDF: 3.6/5

In: 320.108 $\pm$ 123.947 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 365.596 $\pm$ 83.297 χ^2 /NDF: 3.6/5

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 138.205+/-0.088 χ^2/NDF : 4784.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.973+/-0.080 χ^2/NDF : 11705.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

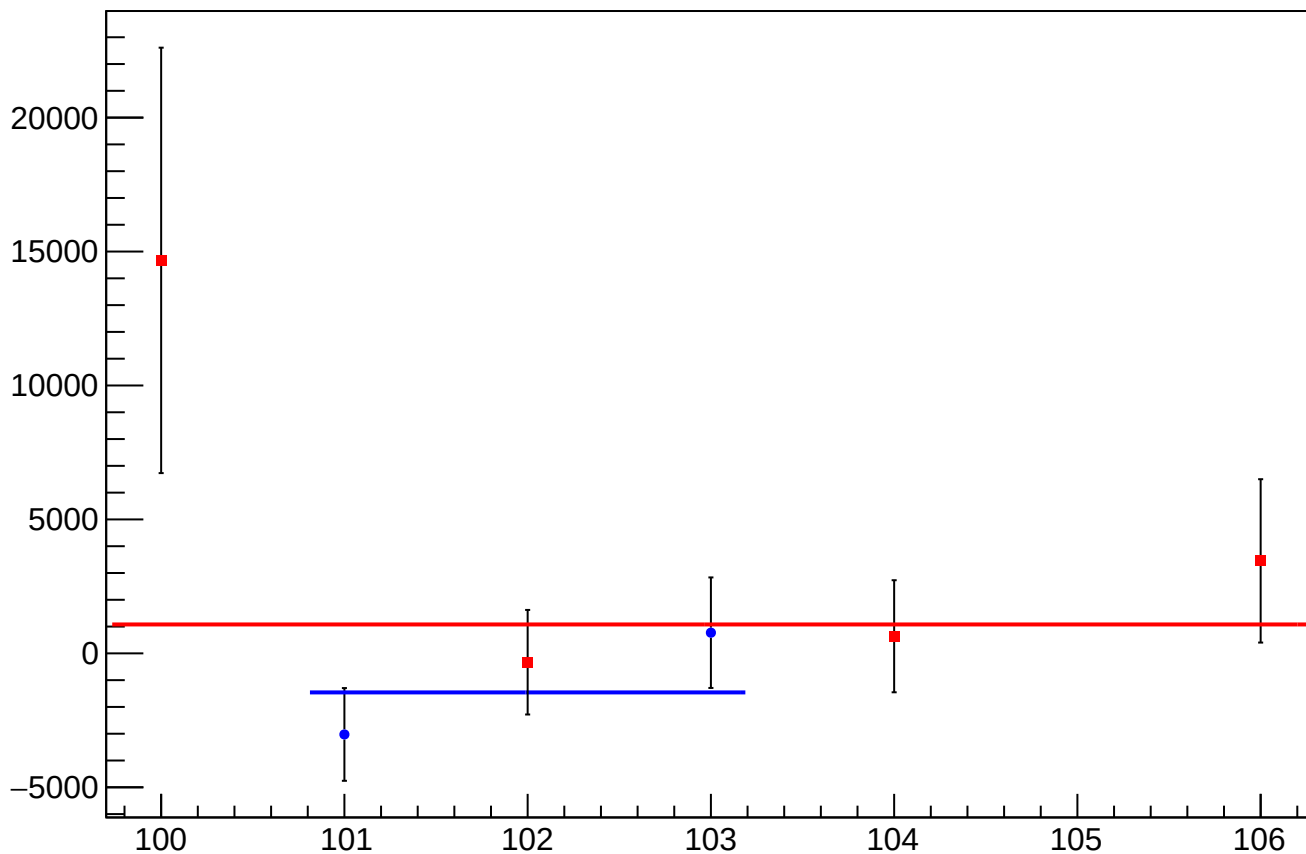
Right: 136.981+/-0.059 χ^2/NDF : 16844.7/5

In: 138.205+/-0.088 χ^2/NDF : 4784.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.981+/-0.059 χ^2/NDF : 16844.7/5

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1457.850+/-1325.886 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.113+/-1275.697 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

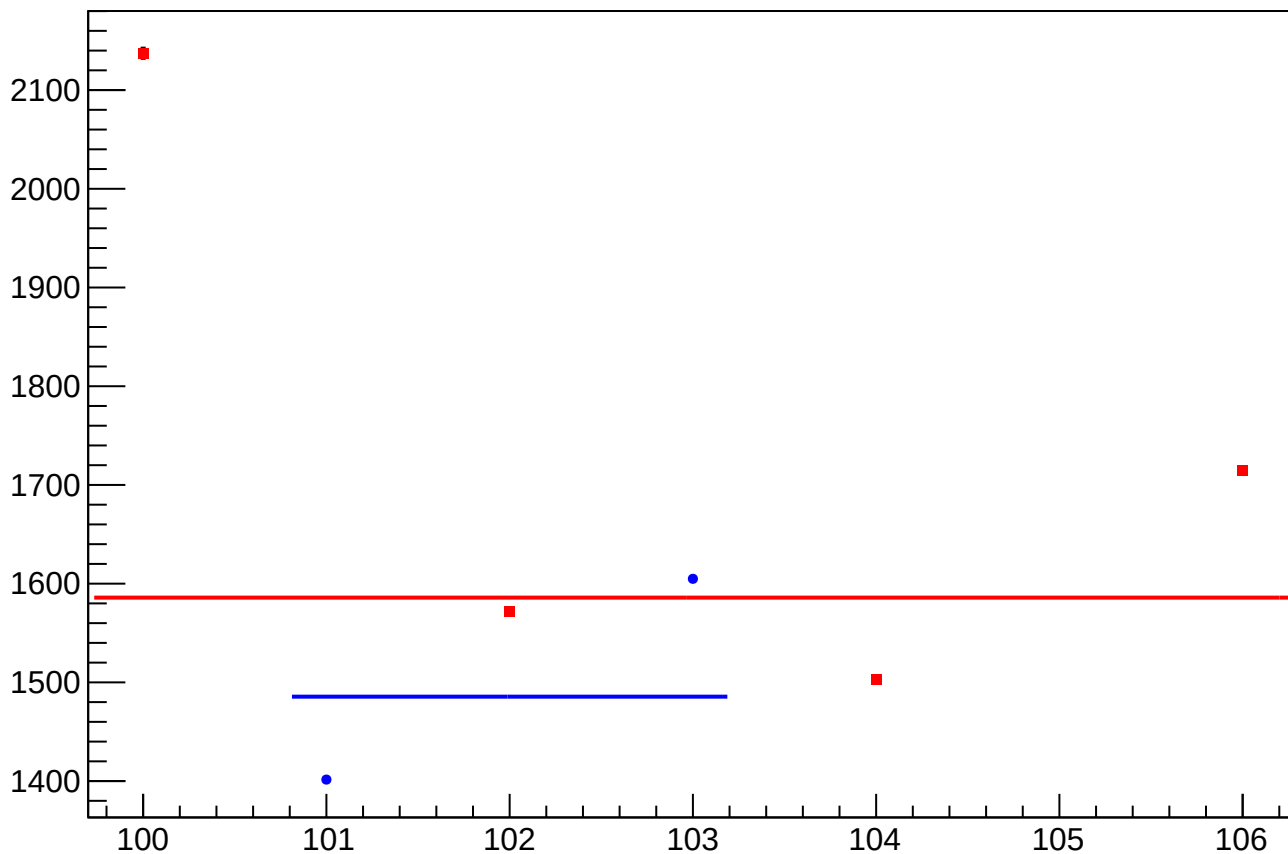
Right: -140.444+/-919.285 χ^2/NDF : 8.0/5

In: -1457.850+/-1325.886 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -140.444+/-919.285 χ^2/NDF : 8.0/5

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1485.527+/-0.938 χ^2/NDF : 11410.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1585.855+/-0.902 χ^2/NDF : 16497.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

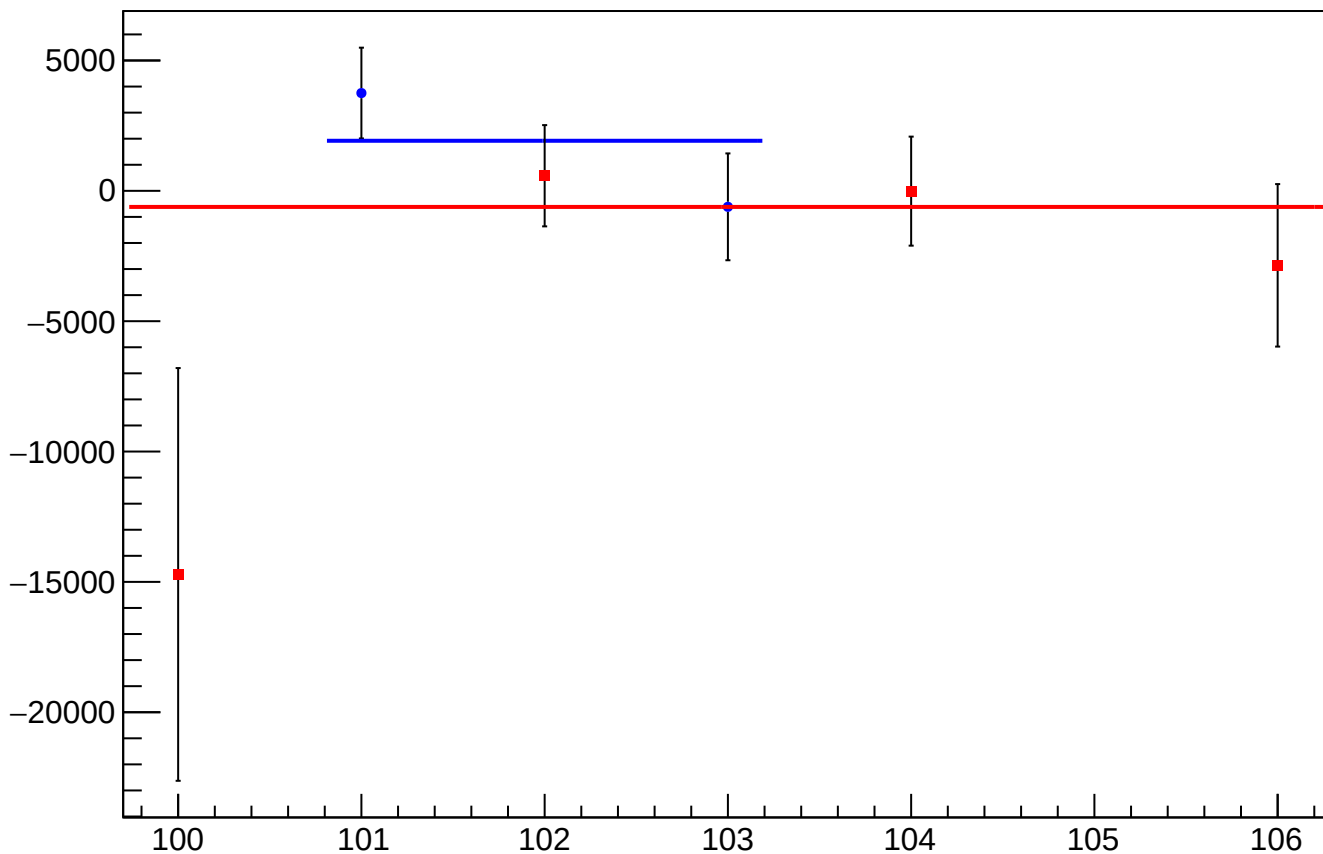
Right: 1537.626+/-0.650 χ^2/NDF : 33854.8/5

In: 1485.527+/-0.938 χ^2/NDF : 11410.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.626+/-0.650 χ^2/NDF : 33854.8/5

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1920.457+/-1326.868 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -616.947+/-1277.436 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

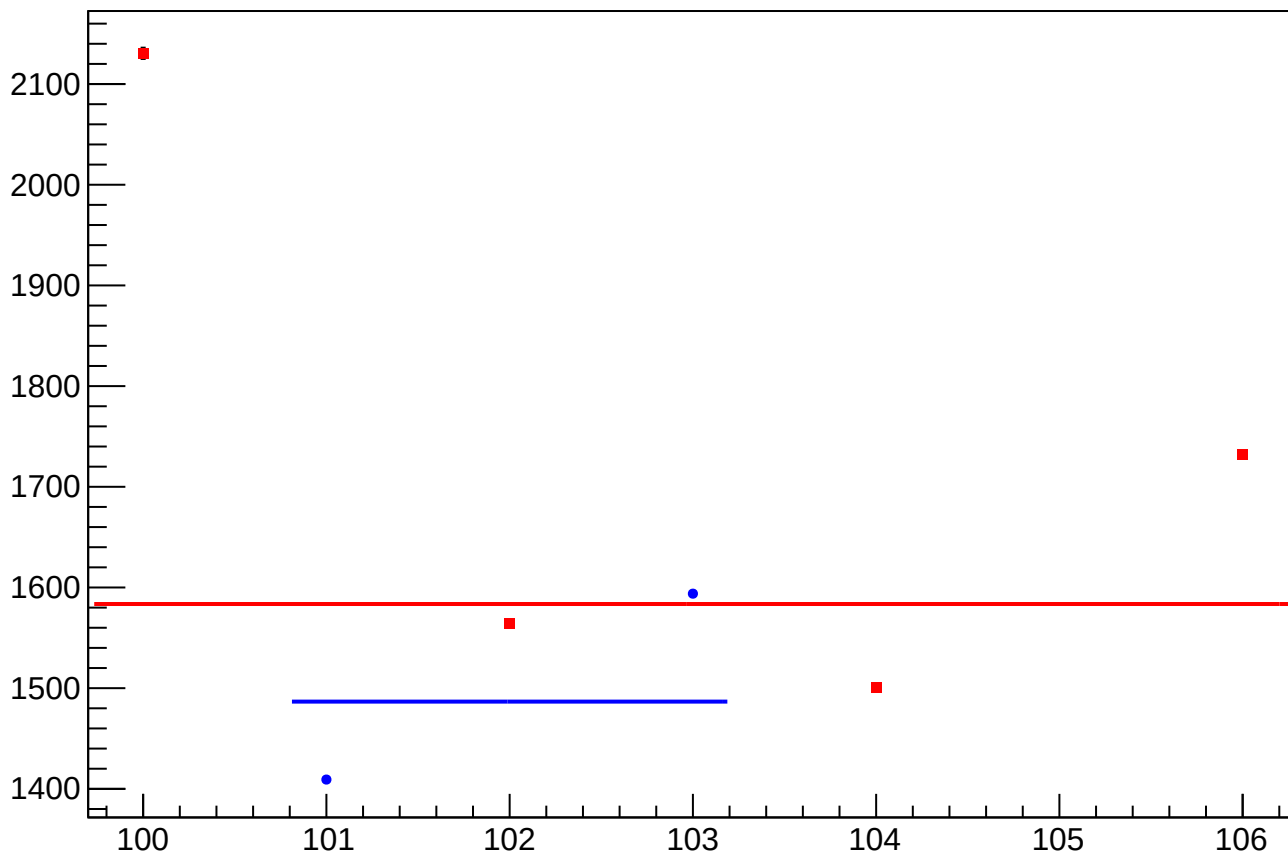
Right: 603.610+/-920.263 χ^2/NDF : 8.7/5

In: 1920.457+/-1326.868 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.610+/-920.263 χ^2/NDF : 8.7/5

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1486.656 $\pm$ 0.938 χ^2 /NDF: 9428.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1583.590 $\pm$ 0.903 χ^2 /NDF: 17380.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

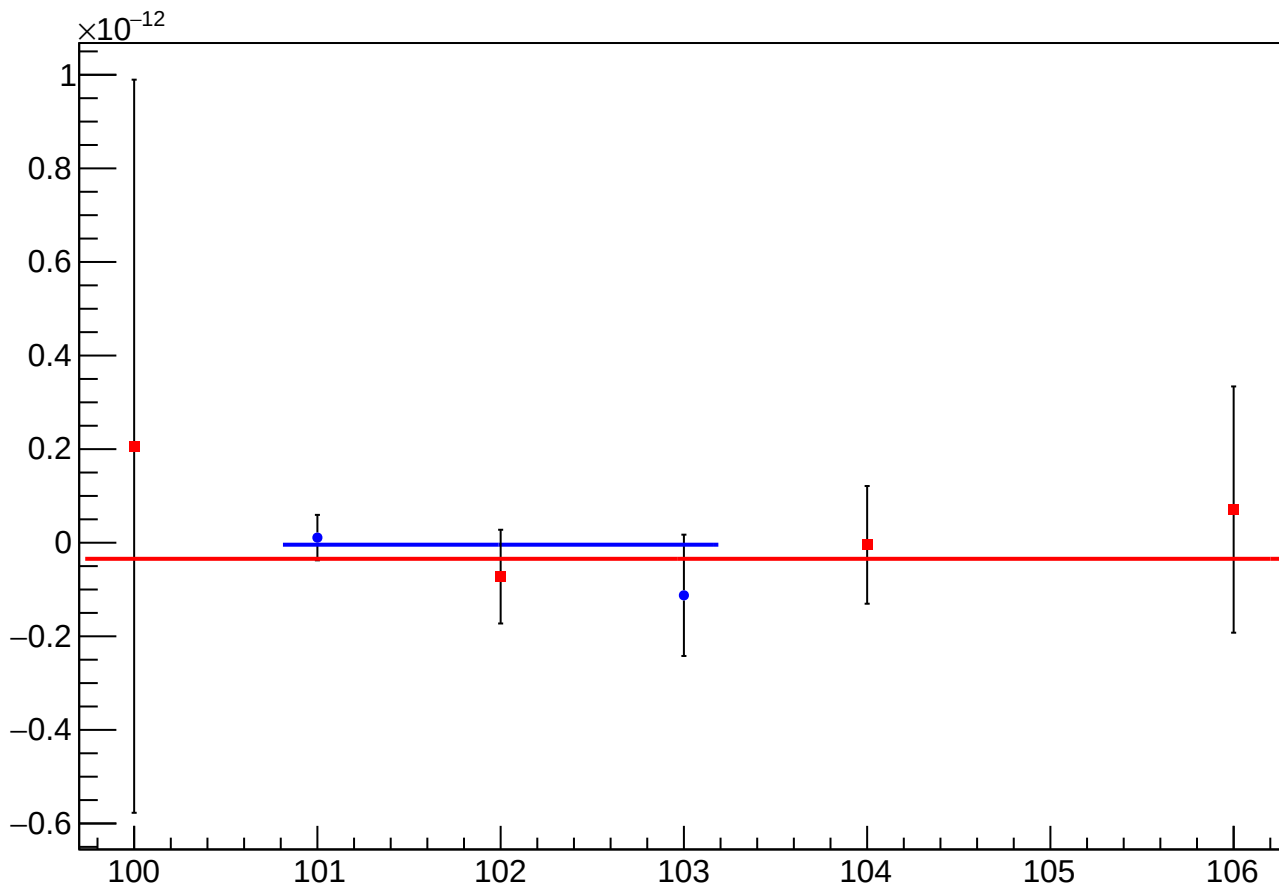
Right: 1536.962 $\pm$ 0.651 χ^2 /NDF: 32348.6/5

In: 1486.656 $\pm$ 0.938 χ^2 /NDF: 9428.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1536.962 $\pm$ 0.651 χ^2 /NDF: 32348.6/5

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

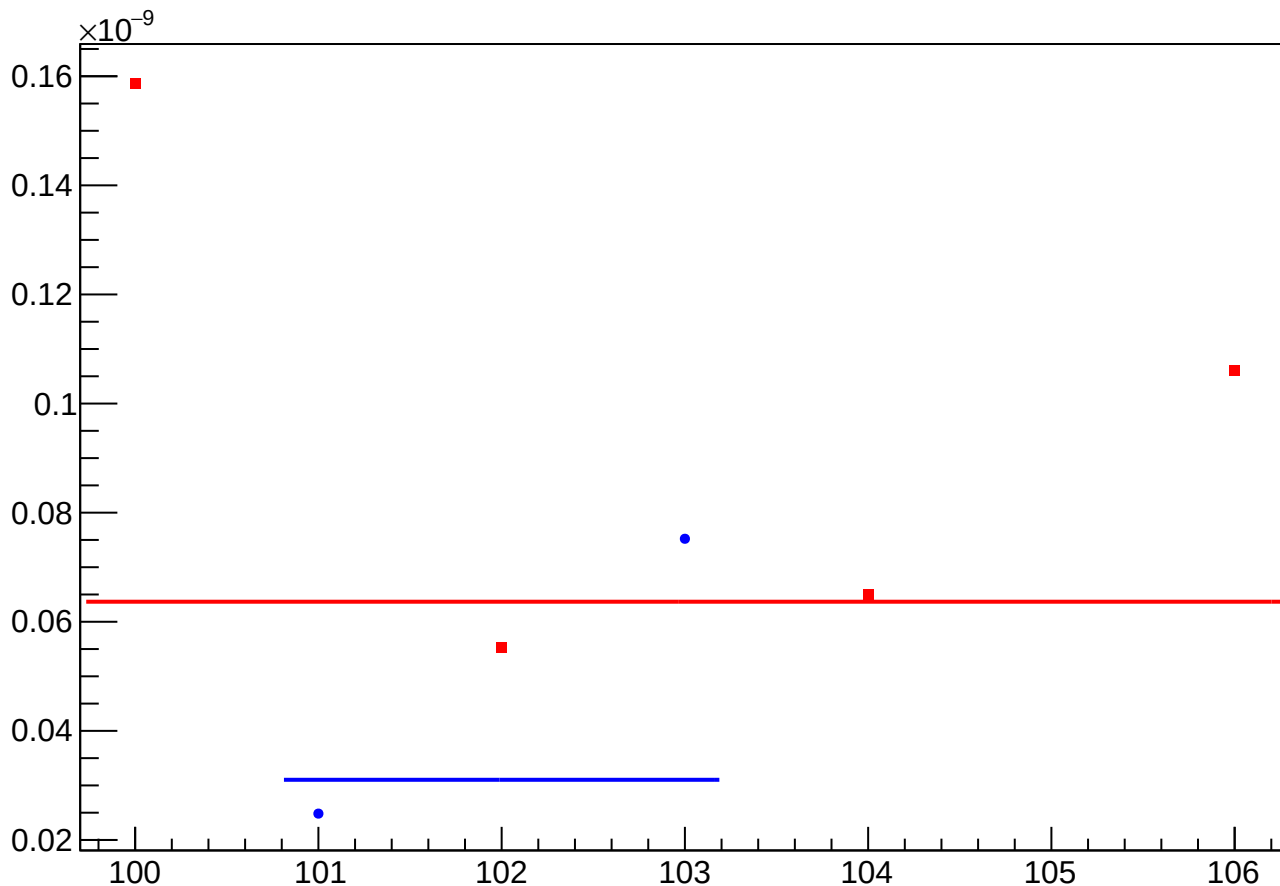
Right: -0.000+/-0.000 χ^2/NDF : 1.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.4/5

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264925.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 95623.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

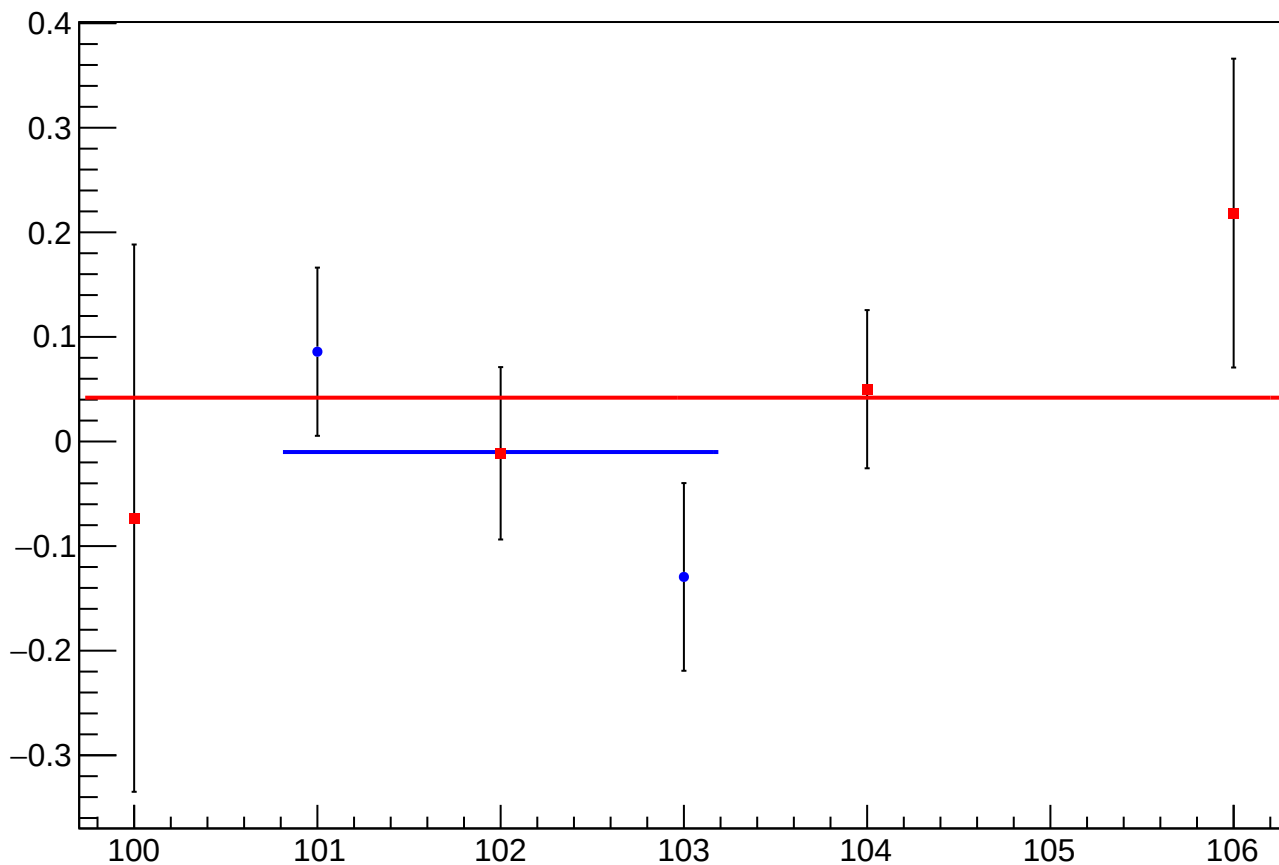
Right: 0.000+/-0.000 χ^2/NDF : 638964.3/5

In: 0.000+/-0.000 χ^2/NDF : 264925.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 638964.3/5

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.051 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

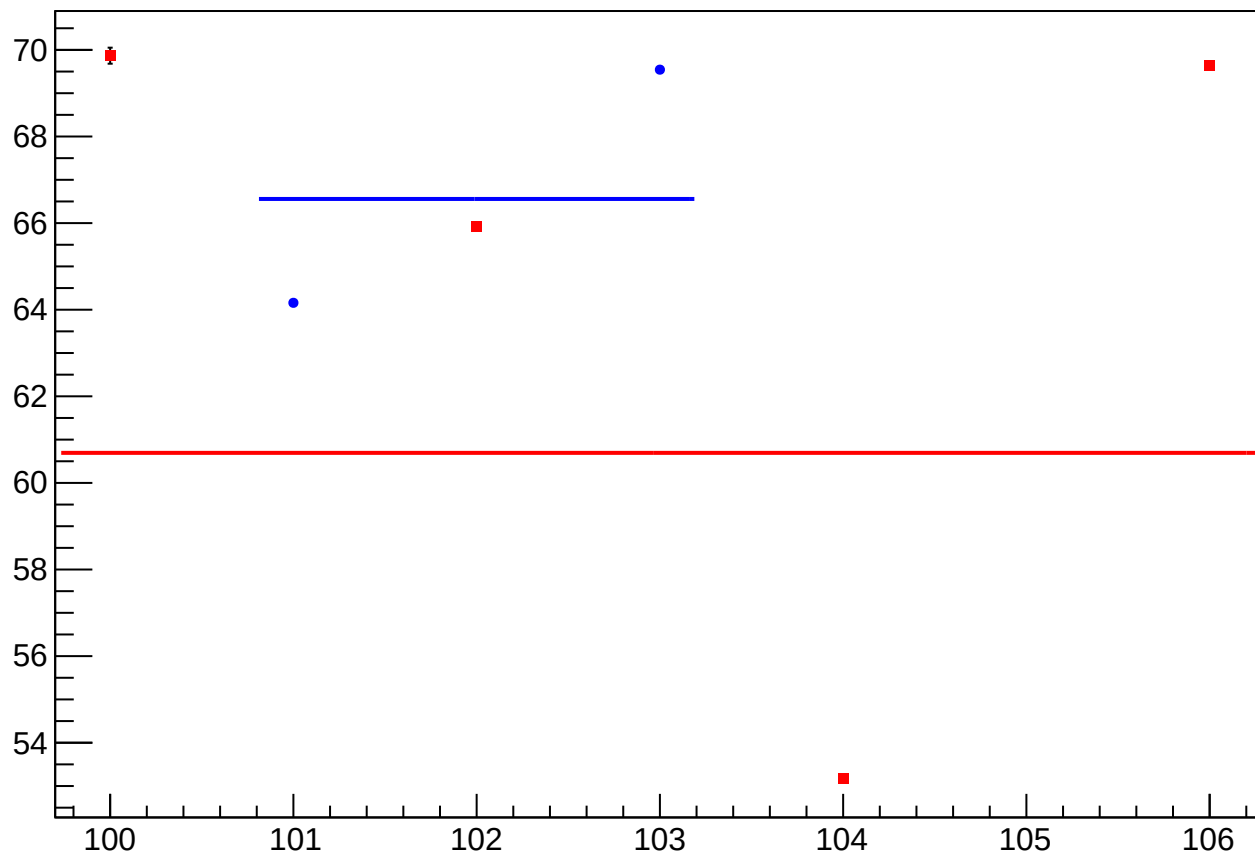
Right: 0.020+/-0.039 χ^2/NDF : 5.7/5

In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.039 χ^2/NDF : 5.7/5

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.694+/-0.036 χ^2/NDF : 37640.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

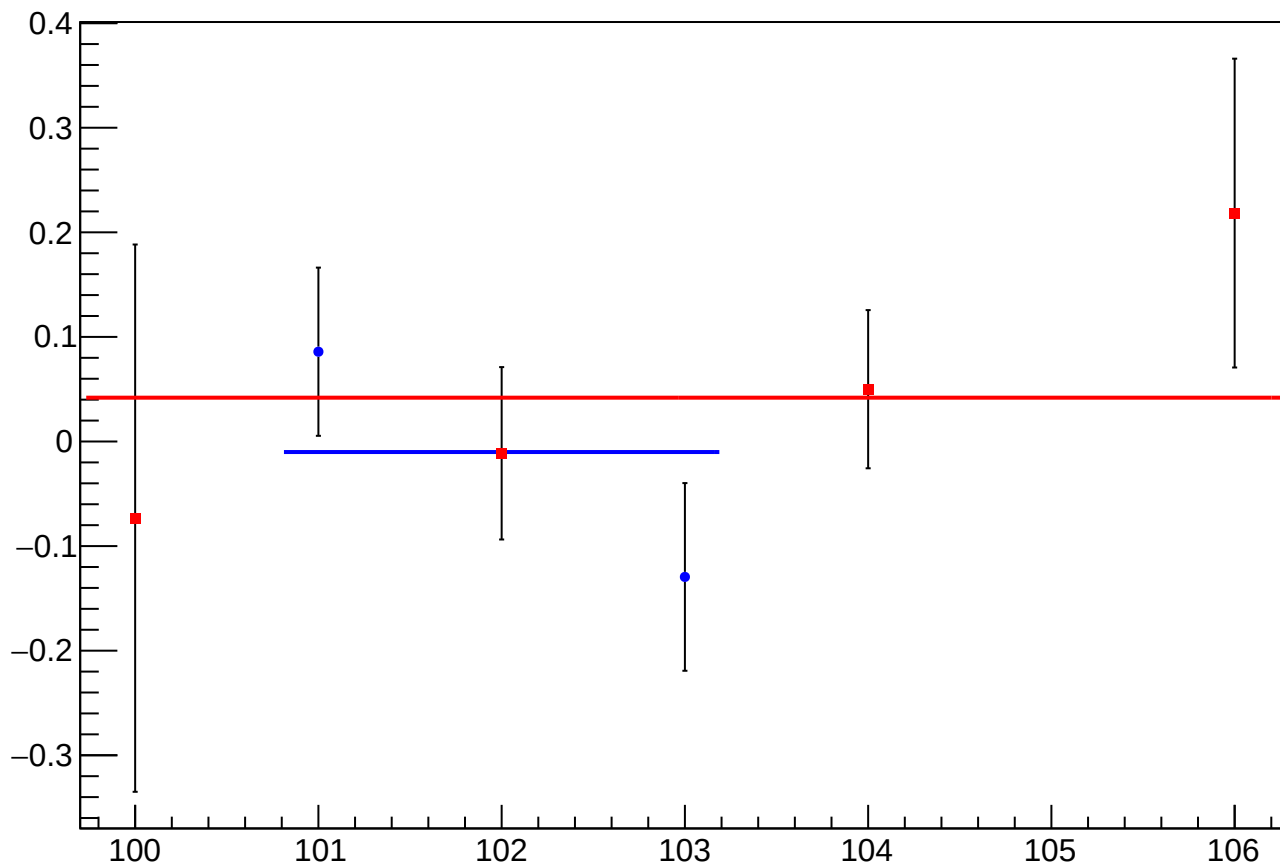
Right: 63.166+/-0.027 χ^2/NDF : 52725.5/5

In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.166+/-0.027 χ^2/NDF : 52725.5/5

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.060 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.051 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

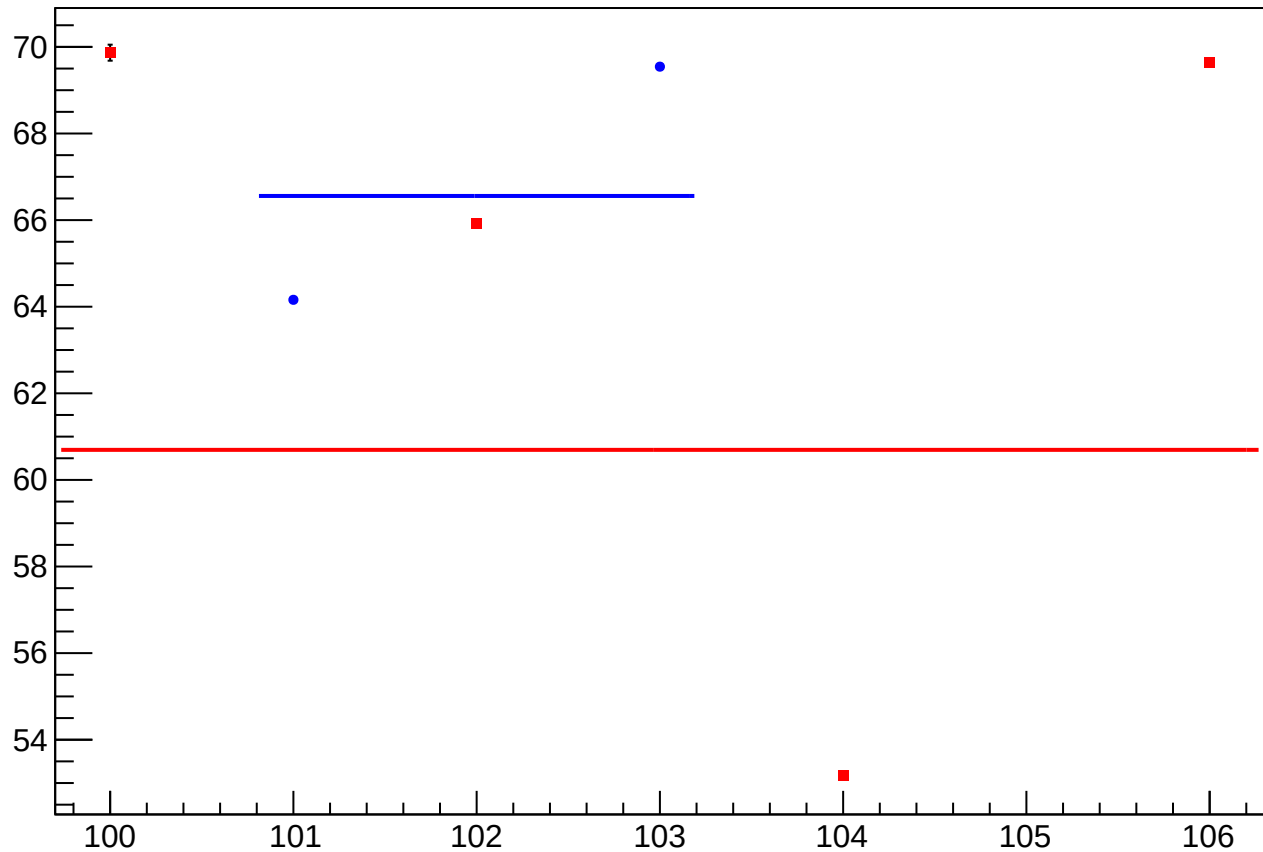
Right: 0.020 $\pm$ 0.039 χ^2 /NDF: 5.7/5

In: -0.010 $\pm$ 0.060 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.039 χ^2 /NDF: 5.7/5

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.694+/-0.036 χ^2/NDF : 37640.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

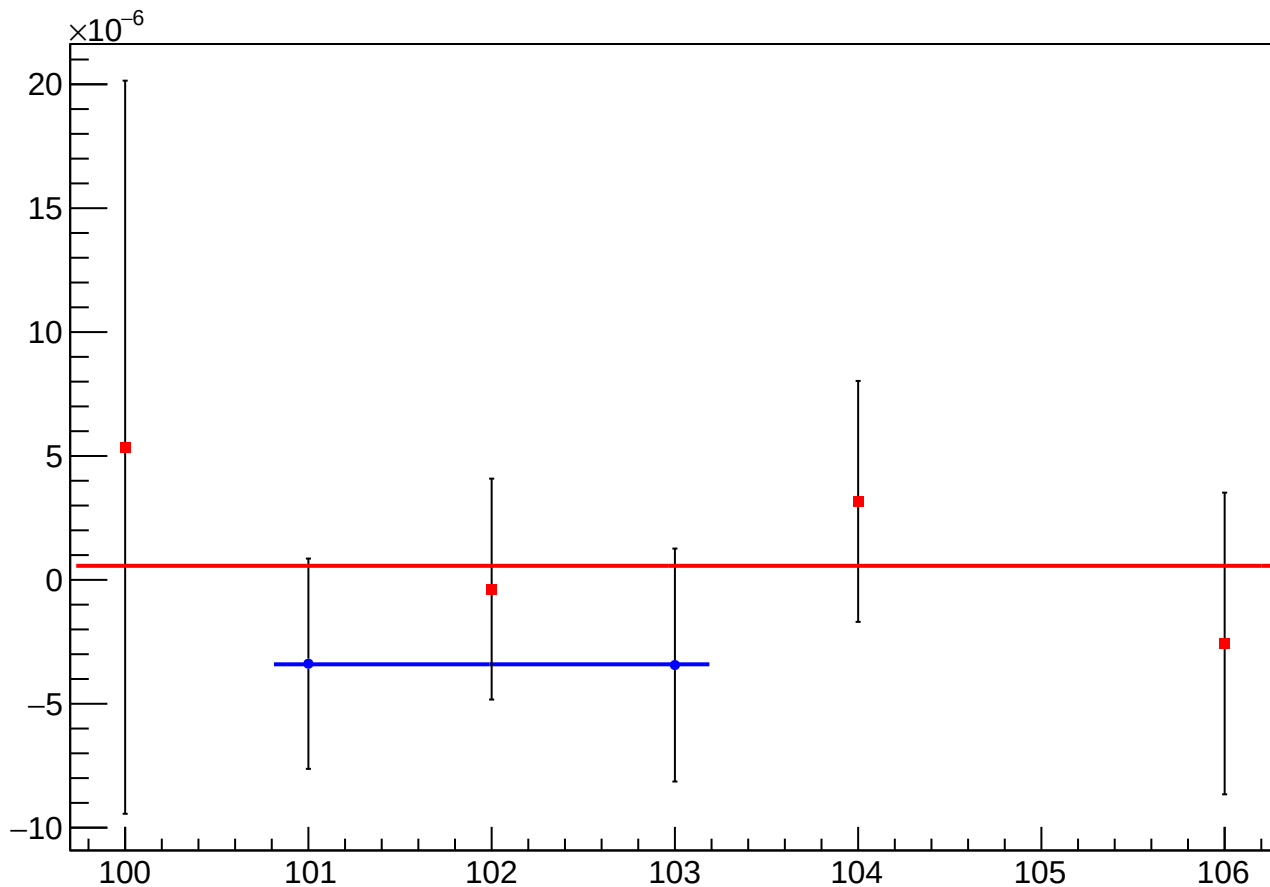
Right: 63.166+/-0.027 χ^2/NDF : 52725.5/5

In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.166+/-0.027 χ^2/NDF : 52725.5/5

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

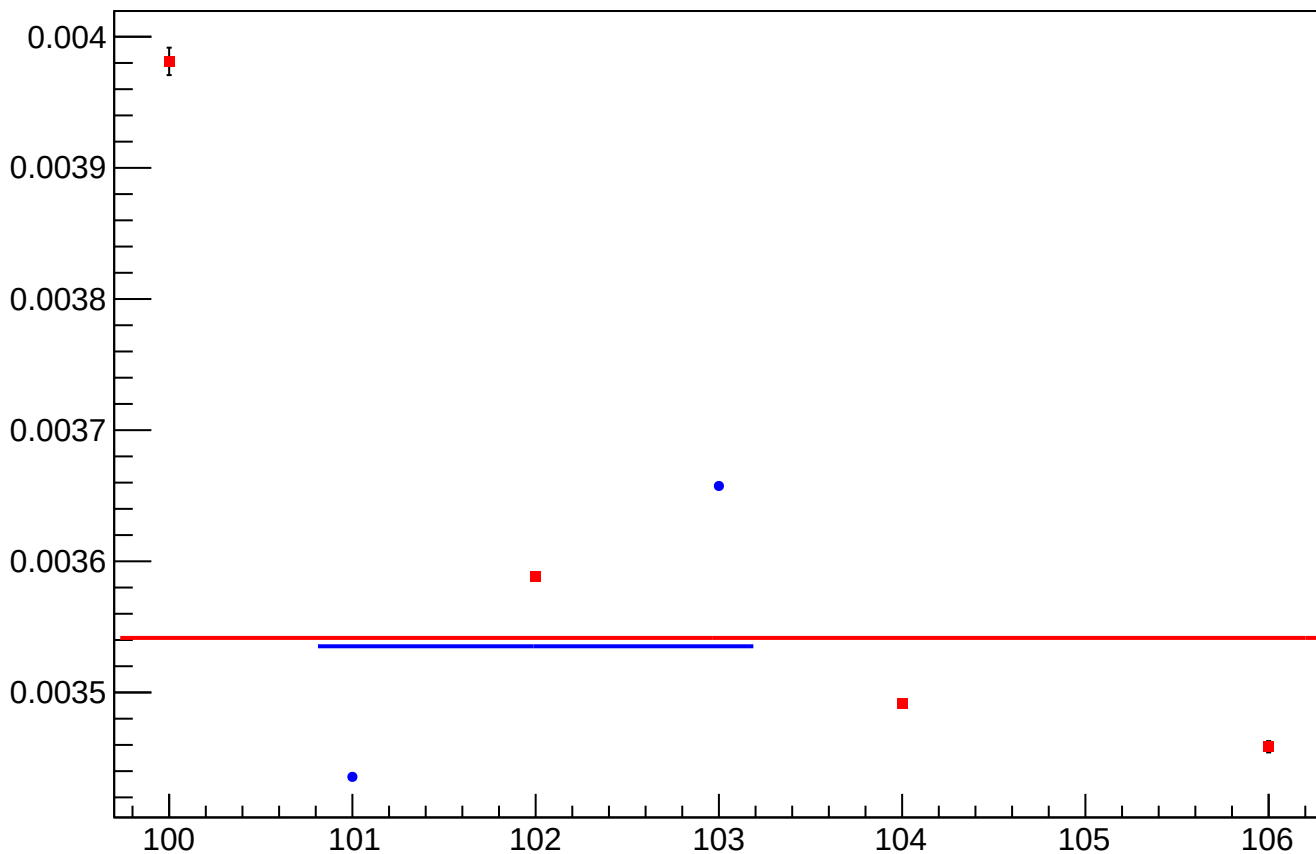
Right: -0.000+/-0.000 χ^2 /NDF: 1.6/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.6/5

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 2453.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2572.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

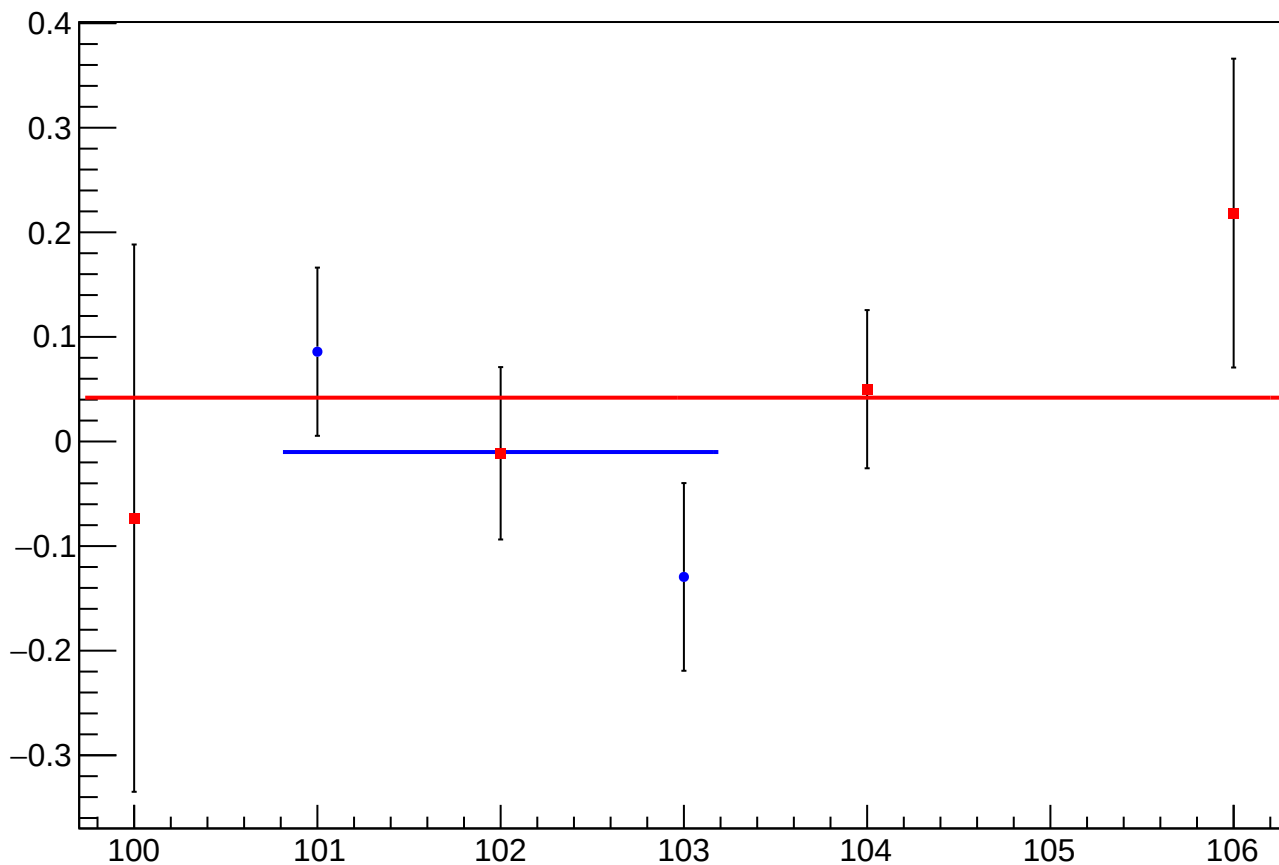
Right: 0.004+/-0.000 χ^2/NDF : 5030.7/5

In: 0.004+/-0.000 χ^2/NDF : 2453.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 5030.7/5

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.051 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

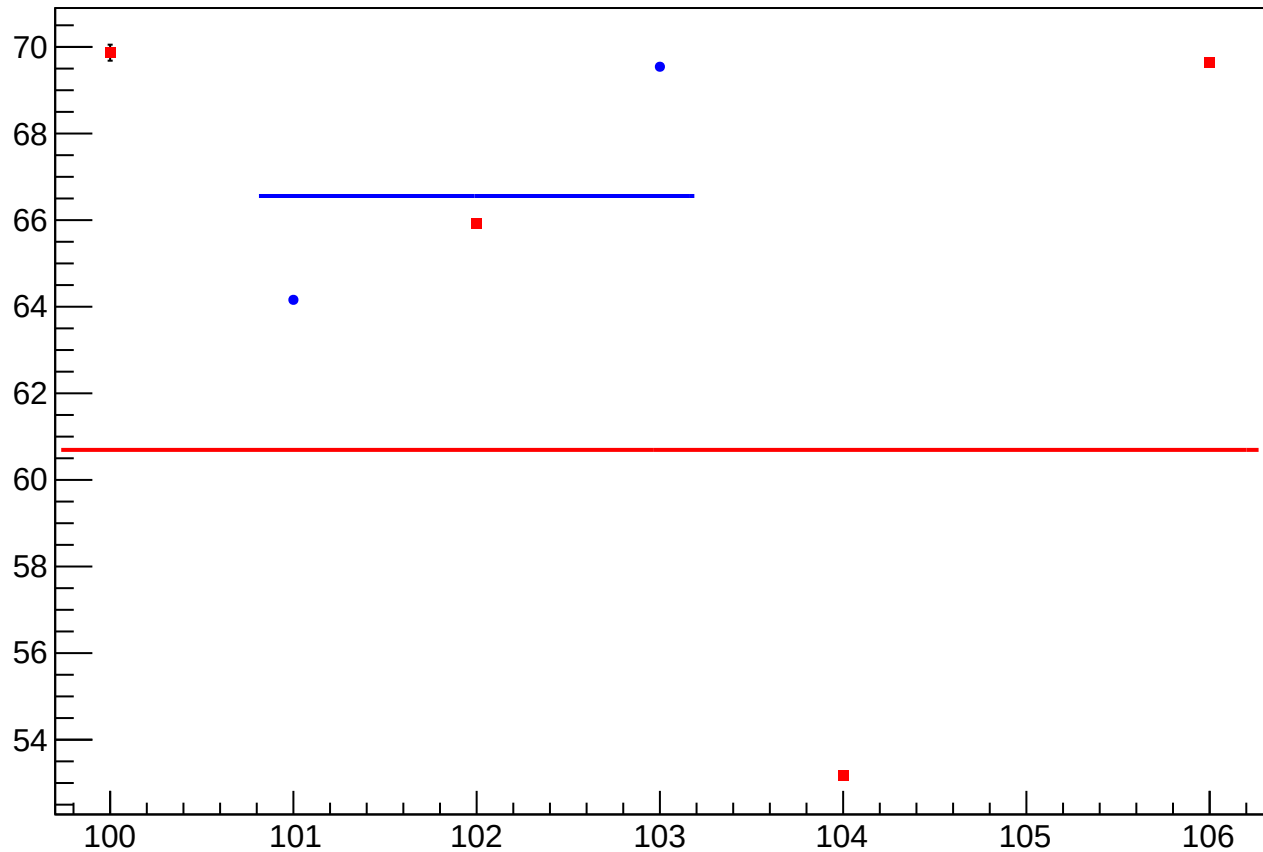
Right: 0.020+/-0.039 χ^2/NDF : 5.7/5

In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.039 χ^2/NDF : 5.7/5

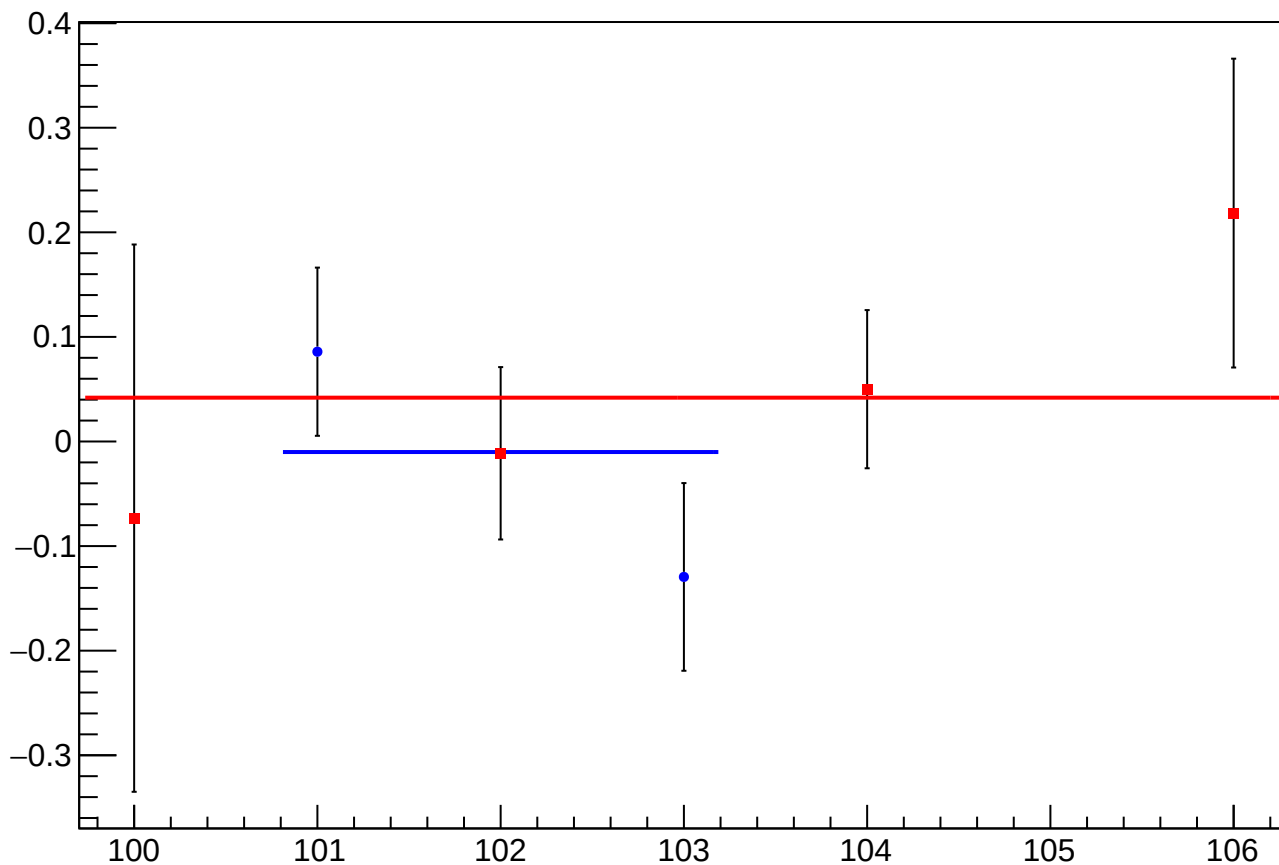
asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 60.694+/-0.036 χ^2/NDF : 37639.8/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 63.166+/-0.027 χ^2/NDF : 52724.1/5
 In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 63.166+/-0.027 χ^2/NDF : 52724.1/5

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.060 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.051 χ^2 /NDF: 2.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

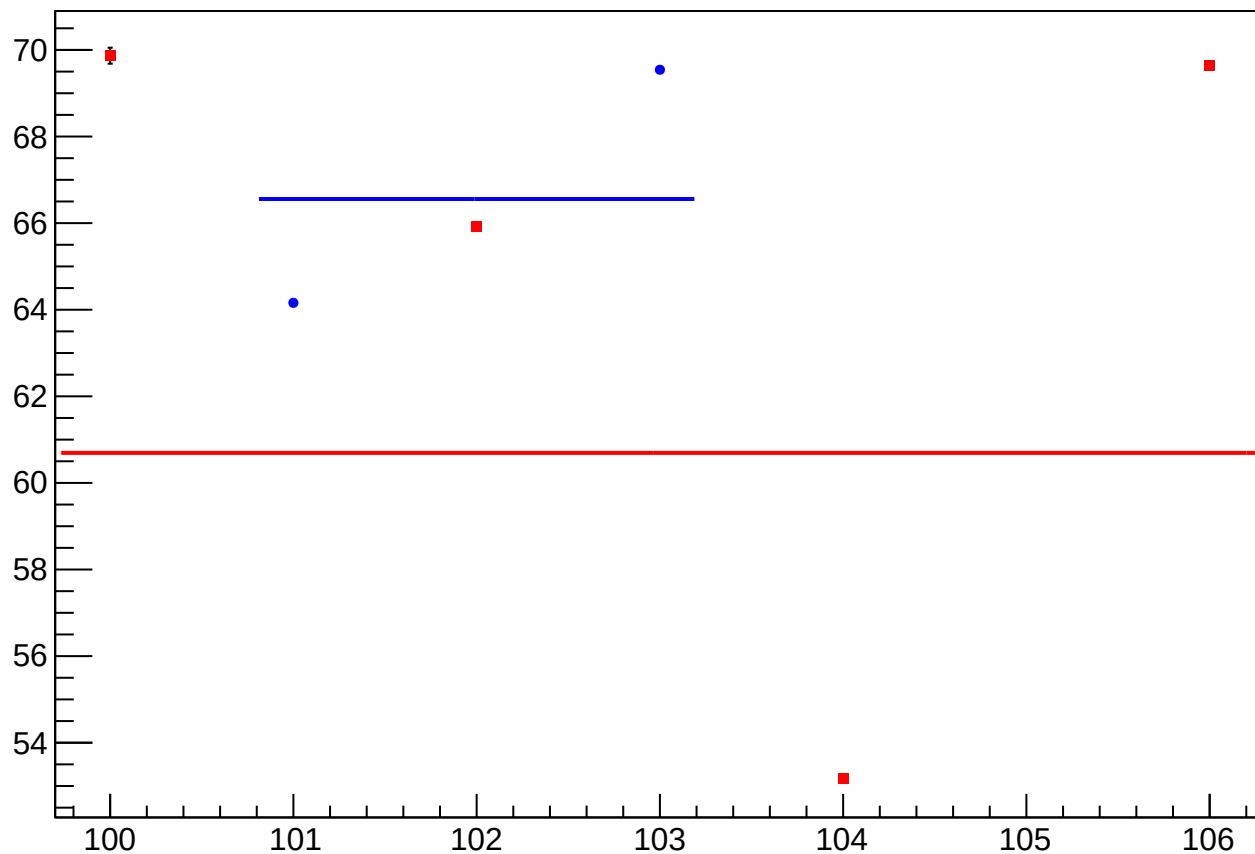
Right: 0.020 $\pm$ 0.039 χ^2 /NDF: 5.7/5

In: -0.010 $\pm$ 0.060 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.039 χ^2 /NDF: 5.7/5

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.557 $\pm$ 0.042 χ^2 /NDF: 3992.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.694 $\pm$ 0.036 χ^2 /NDF: 37639.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

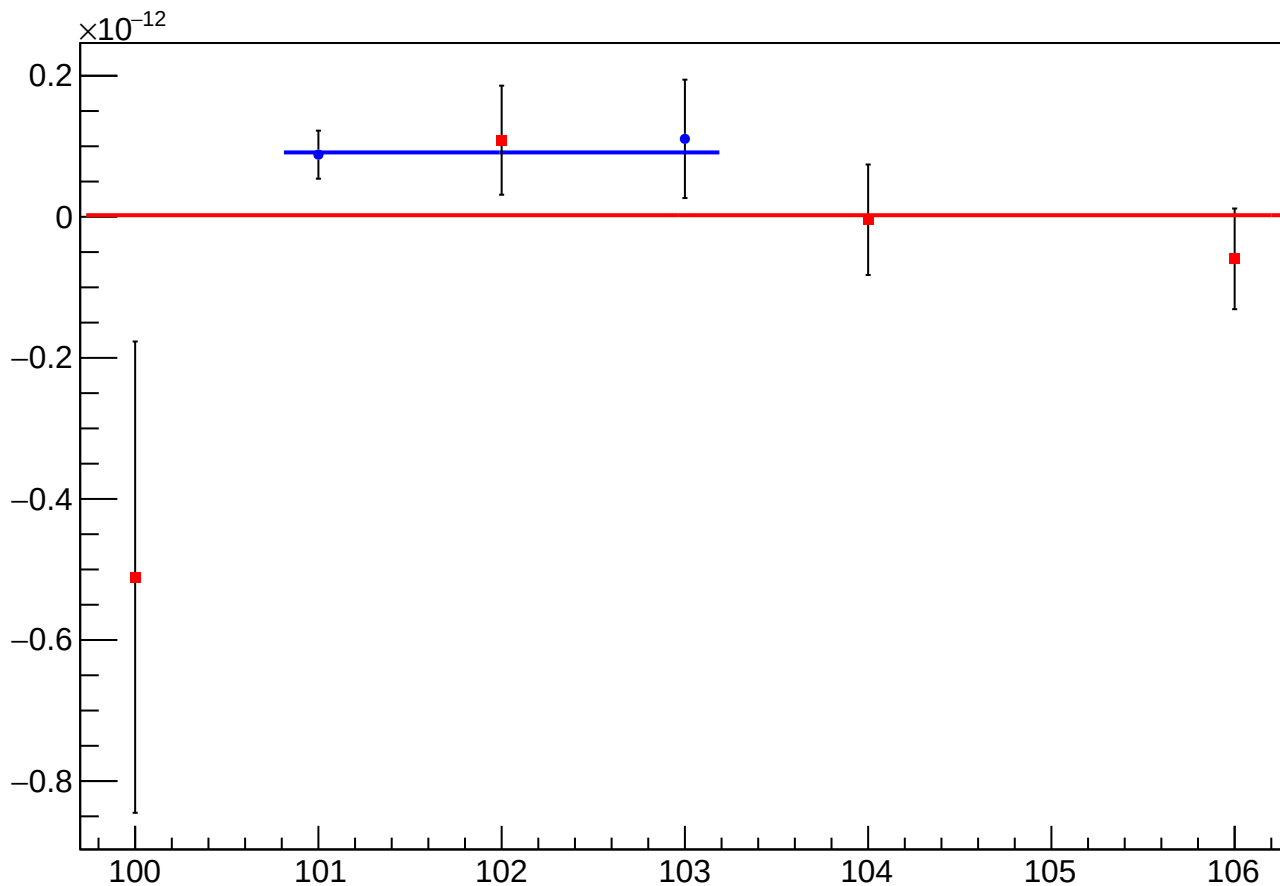
Right: 63.166 $\pm$ 0.027 χ^2 /NDF: 52724.1/5

In: 66.557 $\pm$ 0.042 χ^2 /NDF: 3992.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.166 $\pm$ 0.027 χ^2 /NDF: 52724.1/5

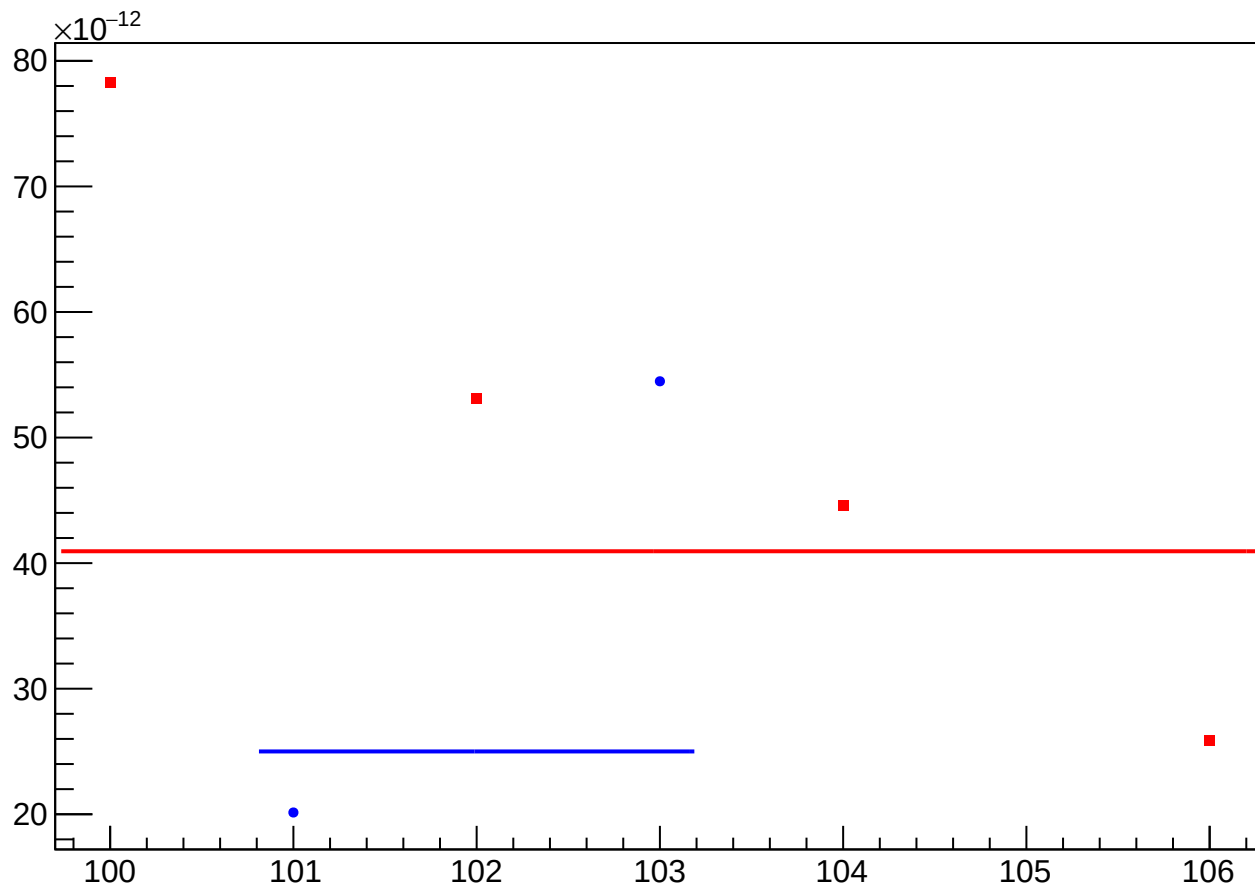
asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 0.1/1
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000+/-0.000 χ^2 /NDF: 5.0/3
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 0.000+/-0.000 χ^2 /NDF: 7.8/5
 In: 0.000+/-0.000 χ^2 /NDF: 0.1/1
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 0.000+/-0.000 χ^2 /NDF: 7.8/5

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 287554.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 167636.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

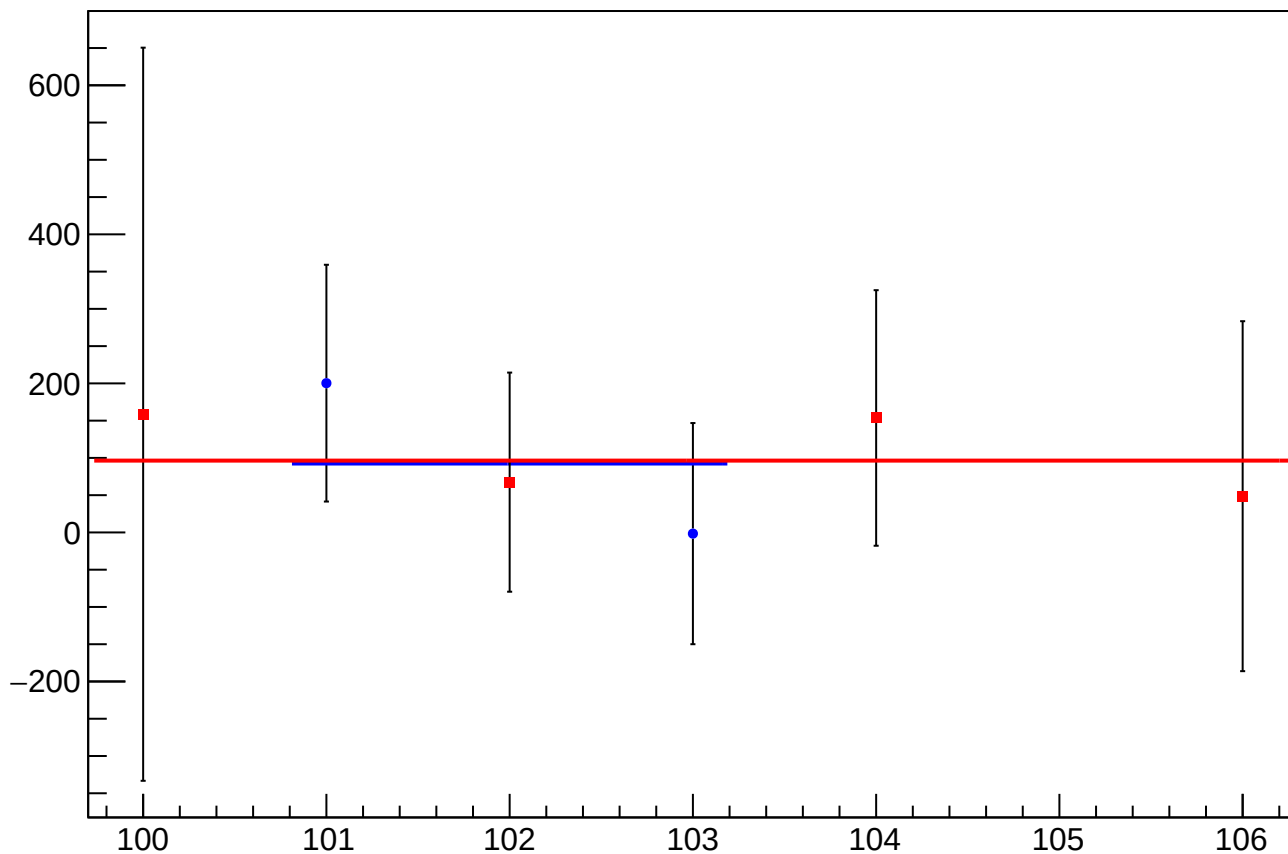
Right: 0.000+/-0.000 χ^2/NDF : 632671.4/5

In: 0.000+/-0.000 χ^2/NDF : 287554.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 632671.4/5

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.482+/-108.439 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.380+/-98.751 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

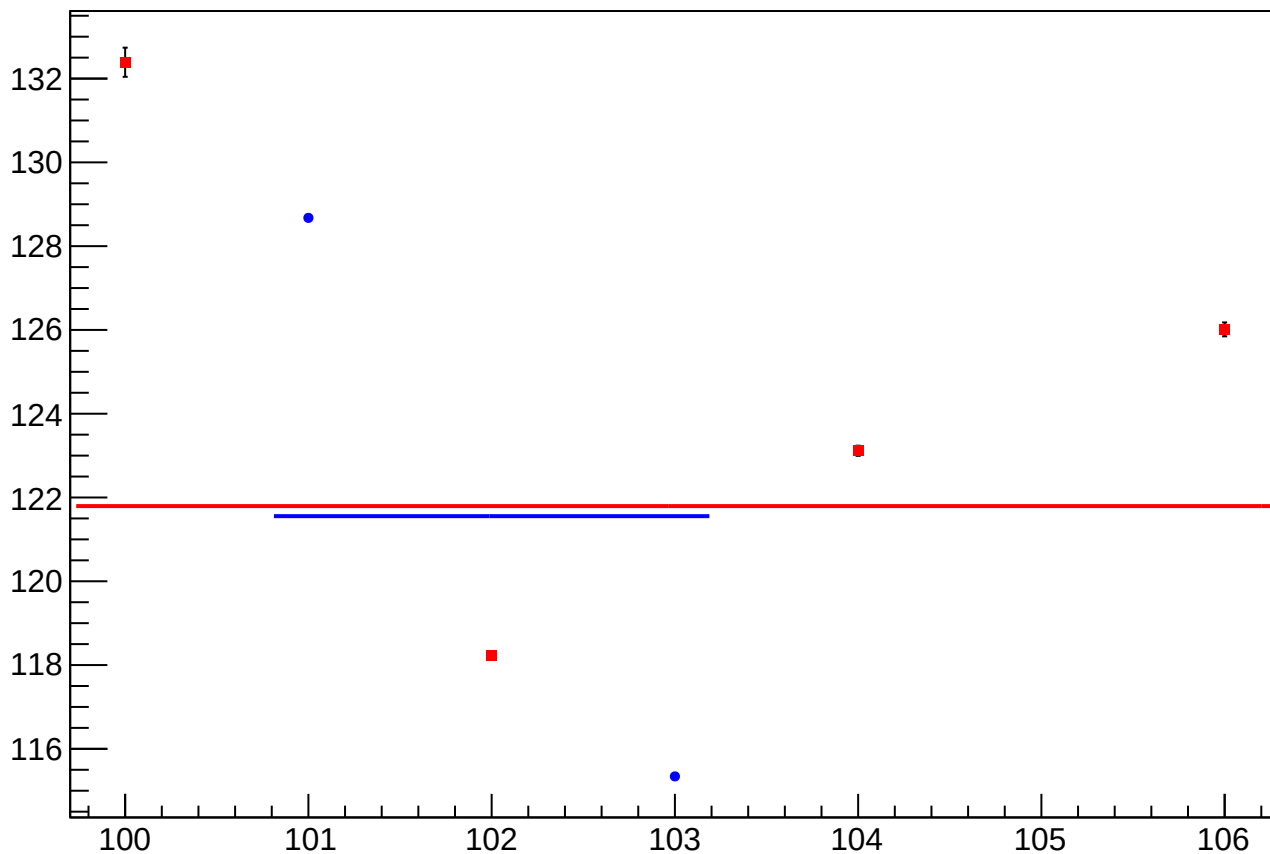
Right: 94.612+/-73.013 χ^2/NDF : 1.1/5

In: 92.482+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.612+/-73.013 χ^2/NDF : 1.1/5

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555 $\pm$ 0.077 χ^2 /NDF: 7523.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.795 $\pm$ 0.070 χ^2 /NDF: 2872.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

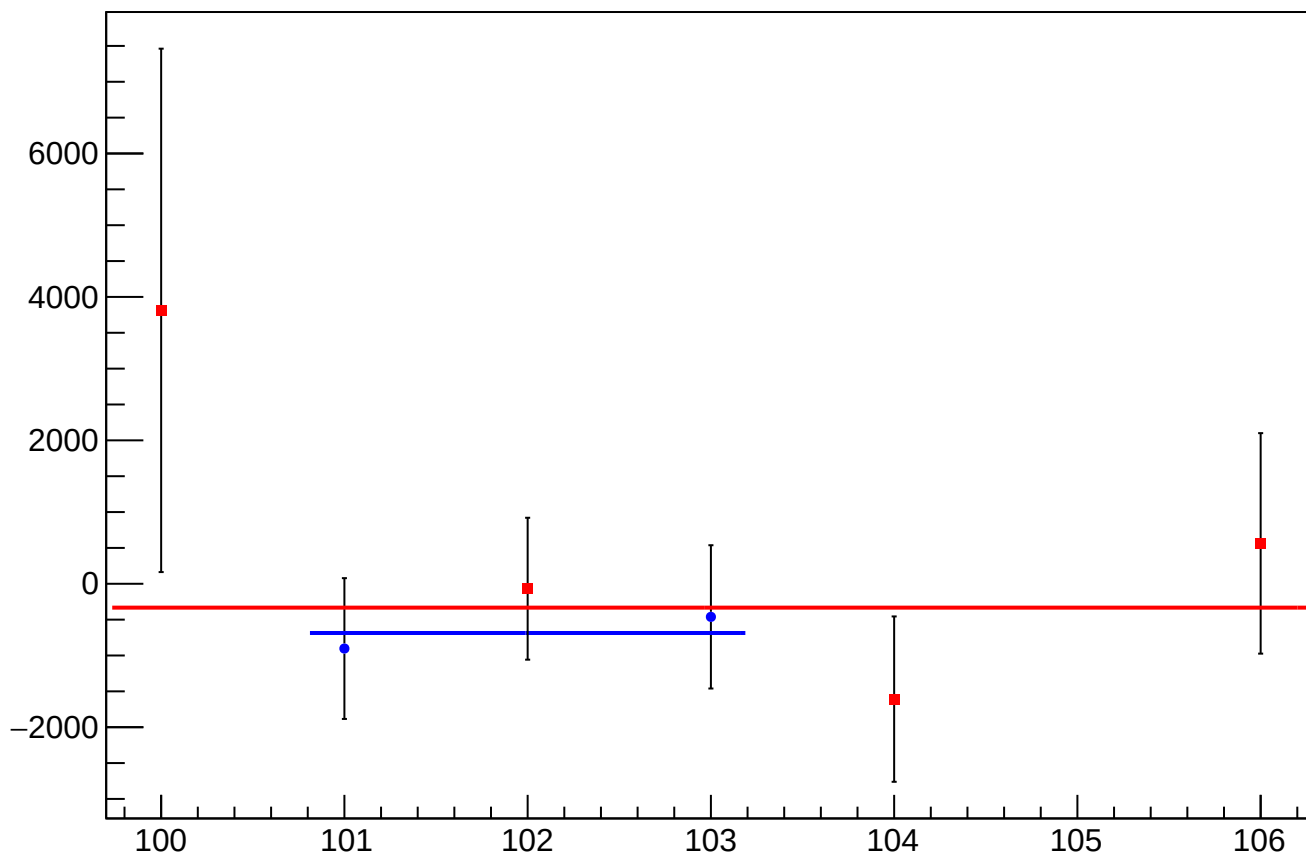
Right: 121.686 $\pm$ 0.052 χ^2 /NDF: 10401.9/5

In: 121.555 $\pm$ 0.077 χ^2 /NDF:7523.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.686 $\pm$ 0.052 χ^2 /NDF: 10401.9/5

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -686.212+/-700.199 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -332.632+/-663.433 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

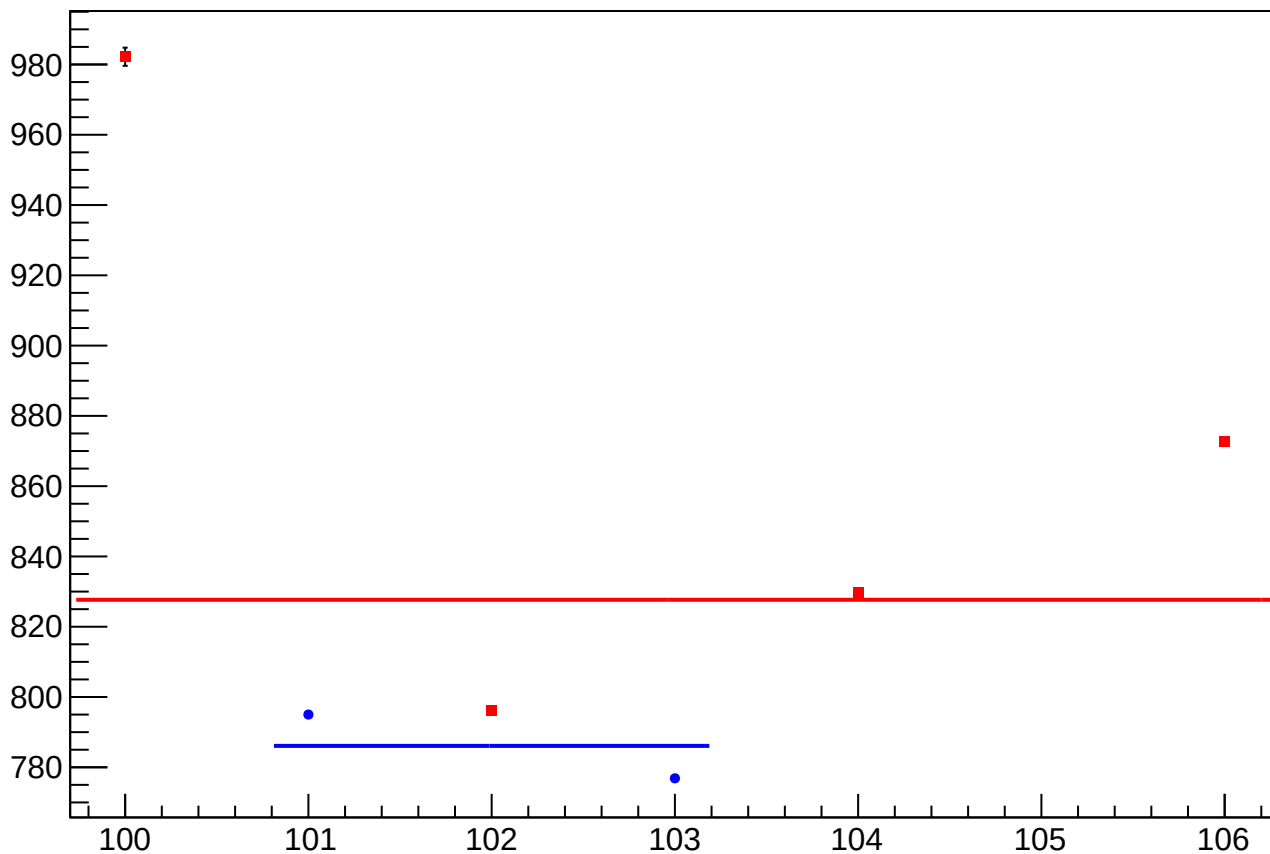
Right: -499.896+/-481.591 χ^2/NDF : 3.2/5

In: -686.212+/-700.199 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.896+/-481.591 χ^2/NDF : 3.2/5

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 786.091+/-0.495 χ^2/NDF : 335.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 827.668+/-0.469 χ^2/NDF : 7321.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

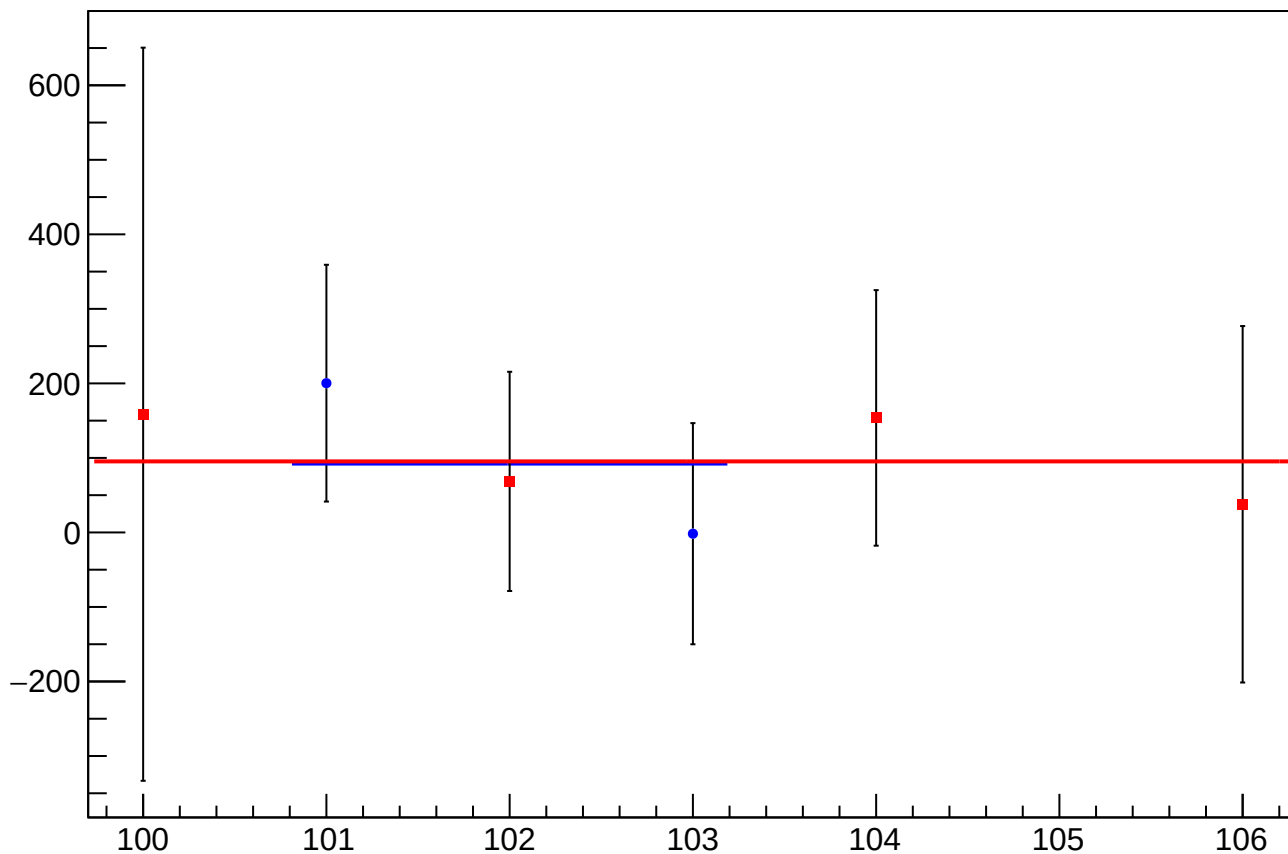
Right: 808.000+/-0.341 χ^2/NDF : 11372.9/5

In: 786.091+/-0.495 χ^2/NDF : 335.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 808.000+/-0.341 χ^2/NDF : 11372.9/5

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.331+/-99.083 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

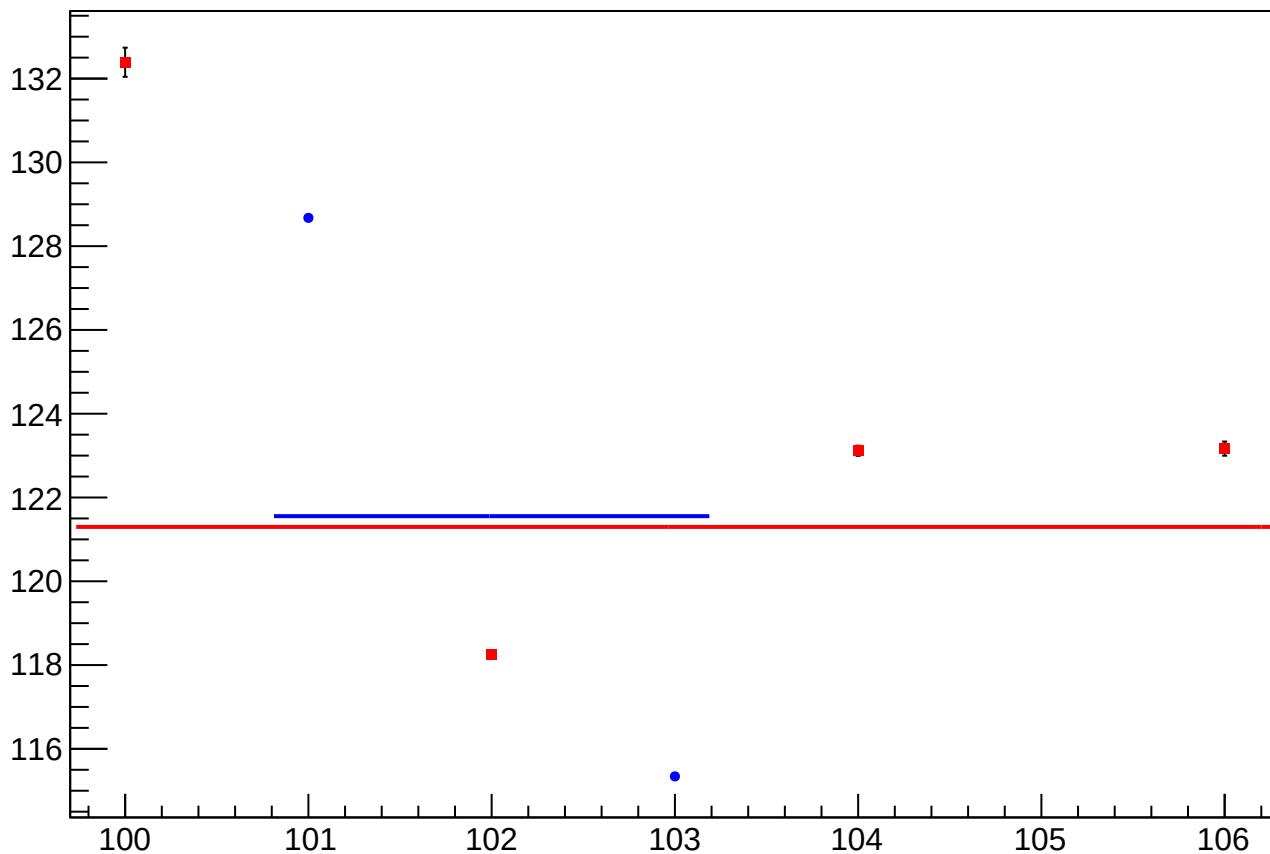
Right: 94.006+/-73.147 χ^2/NDF : 1.1/5

In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.006+/-73.147 χ^2/NDF : 1.1/5

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555 $\pm$ 0.077 χ^2 /NDF: 7523.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.298 $\pm$ 0.070 χ^2 /NDF: 2216.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

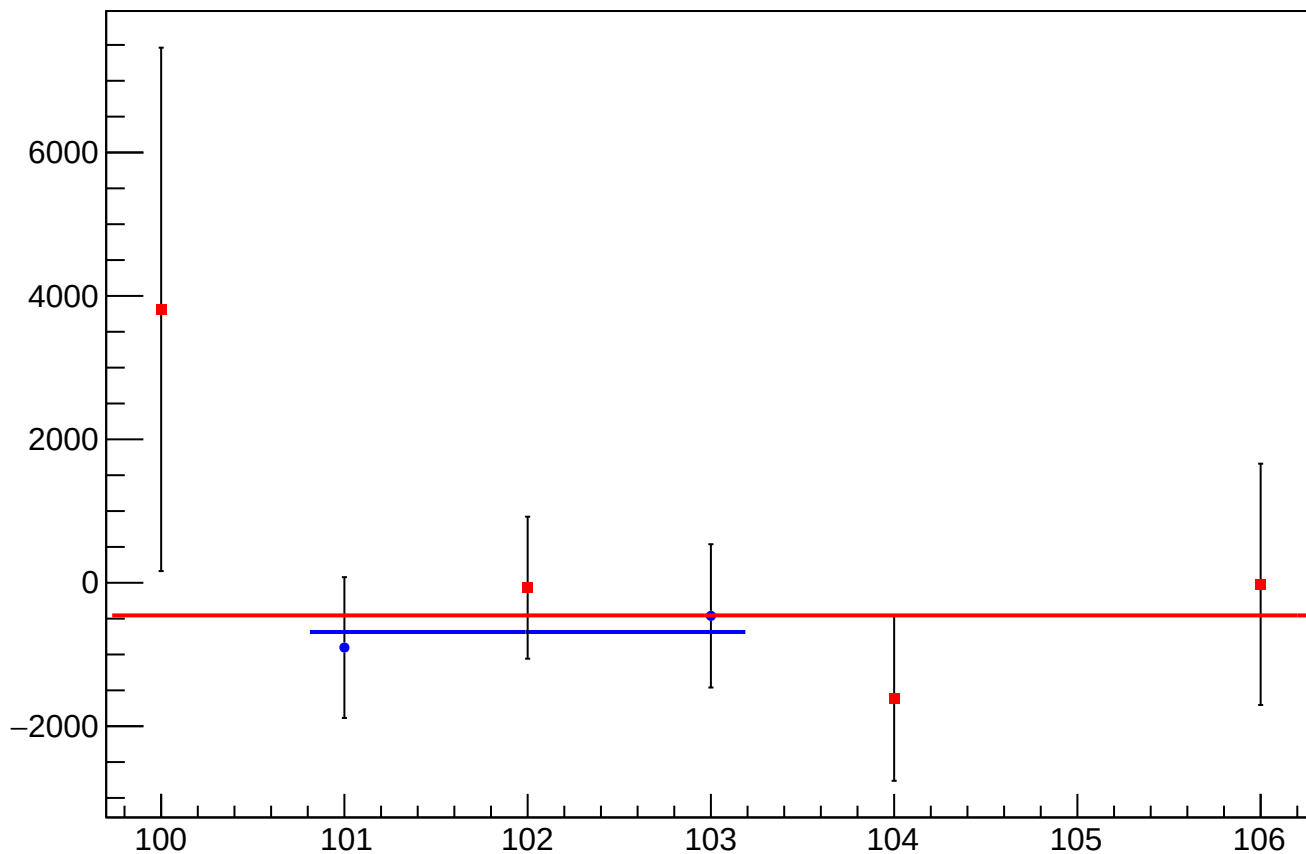
Right: 121.415 $\pm$ 0.052 χ^2 /NDF: 9746.1/5

In: 121.555 $\pm$ 0.077 χ^2 /NDF:7523.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.415 $\pm$ 0.052 χ^2 /NDF: 9746.1/5

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -686.128+/-700.209 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.966+/-674.075 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

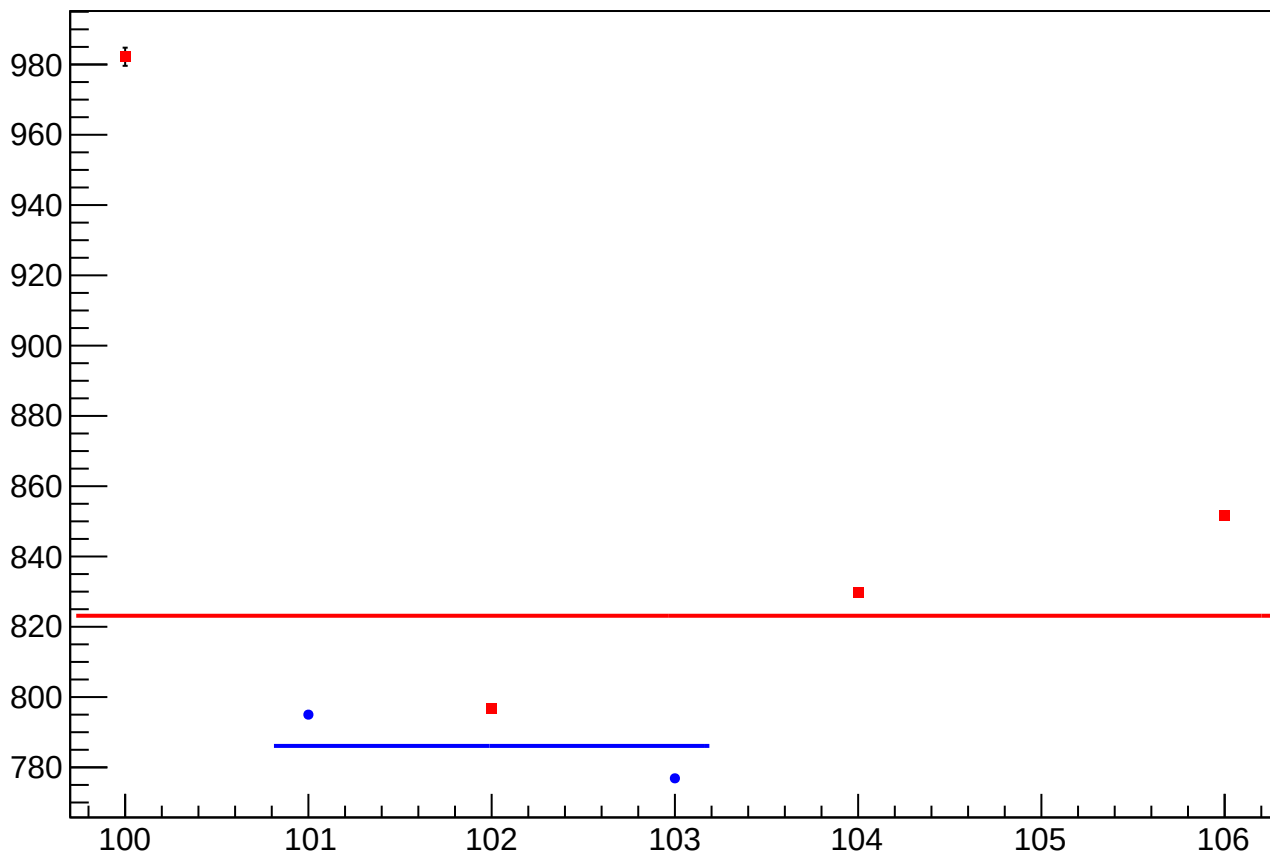
Right: -566.153+/-485.619 χ^2/NDF : 2.7/5

In: -686.128+/-700.209 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -566.153+/-485.619 χ^2/NDF : 2.7/5

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 823.139+/-0.477 χ^2/NDF : 5861.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

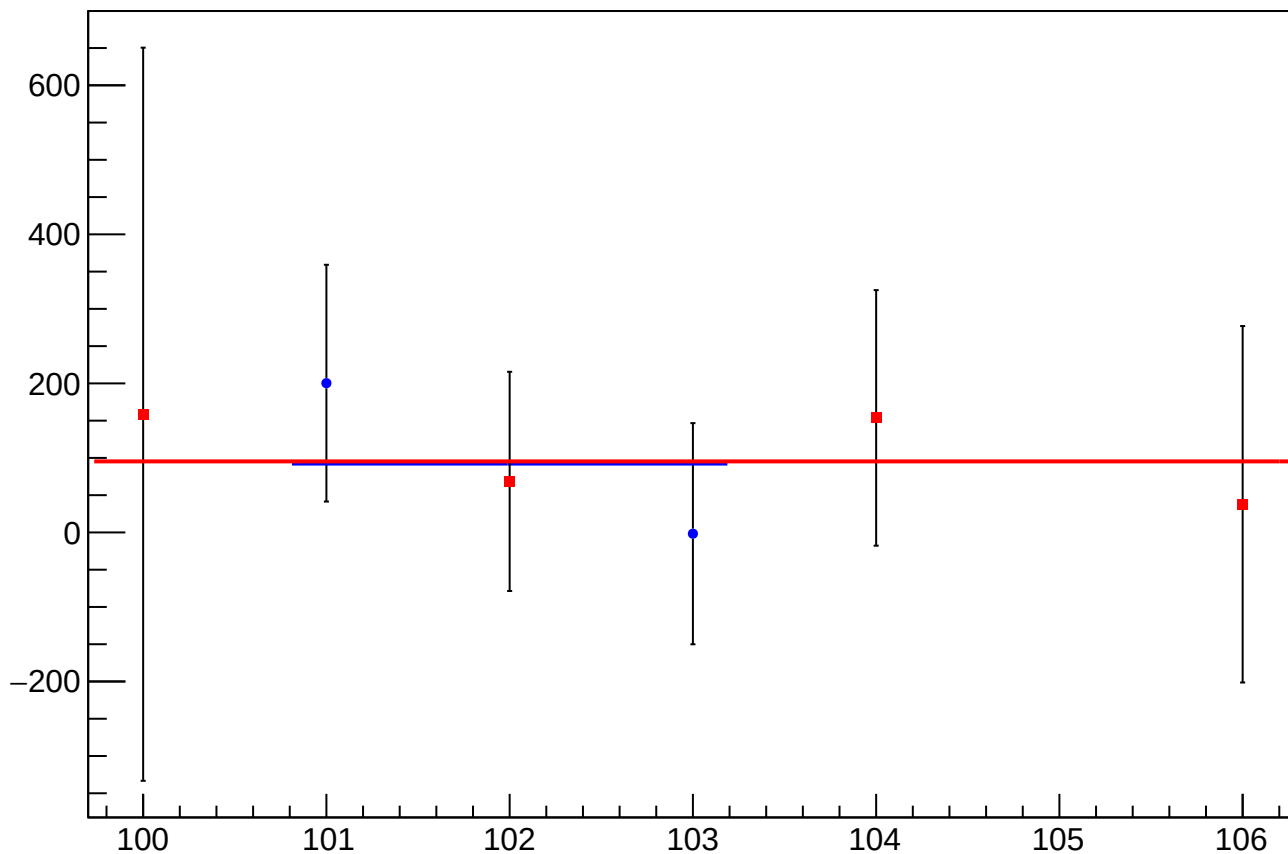
Right: 805.325+/-0.343 χ^2/NDF : 9100.0/5

In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.325+/-0.343 χ^2/NDF : 9100.0/5

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.331+/-99.083 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

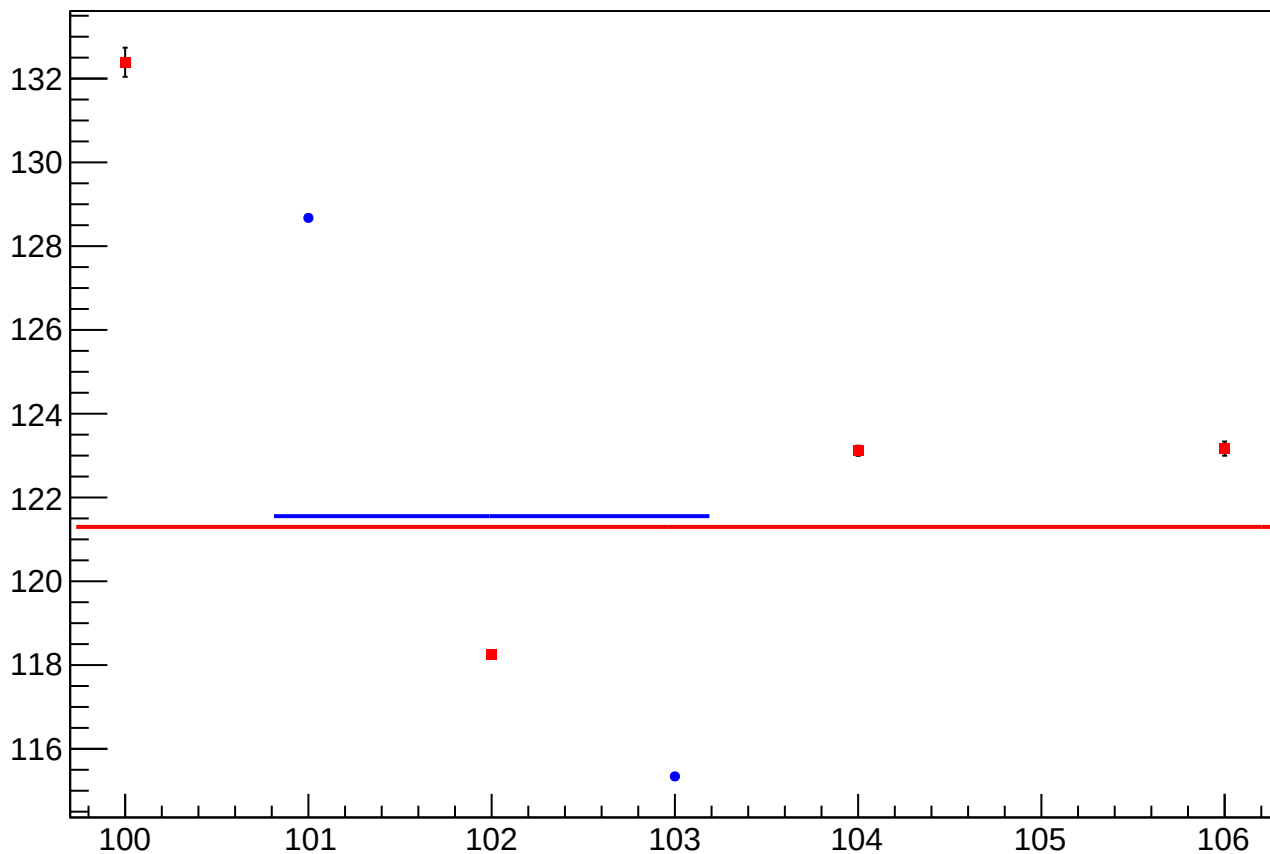
Right: 94.006+/-73.147 χ^2/NDF : 1.1/5

In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.006+/-73.147 χ^2/NDF : 1.1/5

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555 $\pm$ 0.077 χ^2 /NDF: 7523.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 121.298 $\pm$ 0.070 χ^2 /NDF: 2216.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

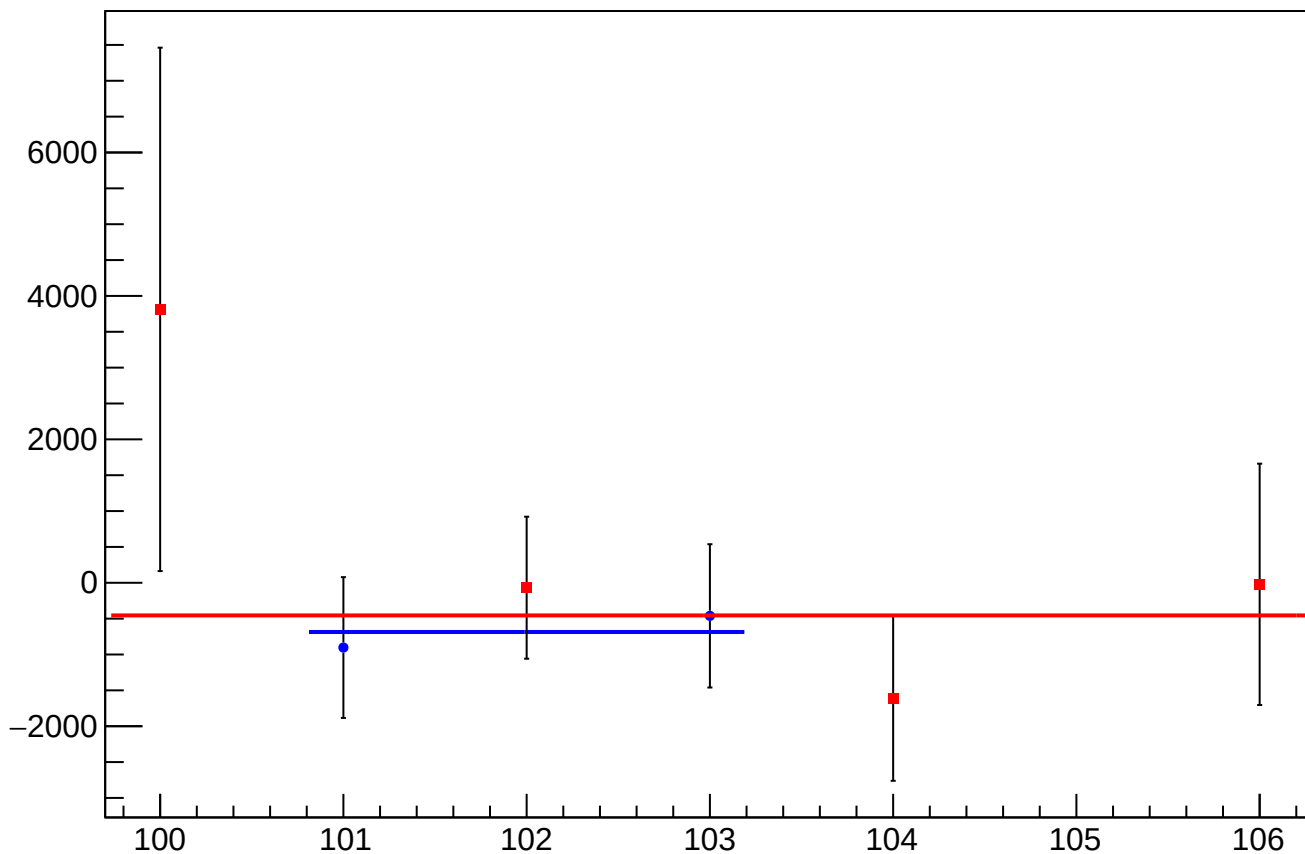
Right: 121.415 $\pm$ 0.052 χ^2 /NDF: 9746.1/5

In: 121.555 $\pm$ 0.077 χ^2 /NDF:7523.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.415 $\pm$ 0.052 χ^2 /NDF: 9746.1/5

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -686.128+/-700.209 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -454.966+/-674.075 χ^2 /NDF: 2.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

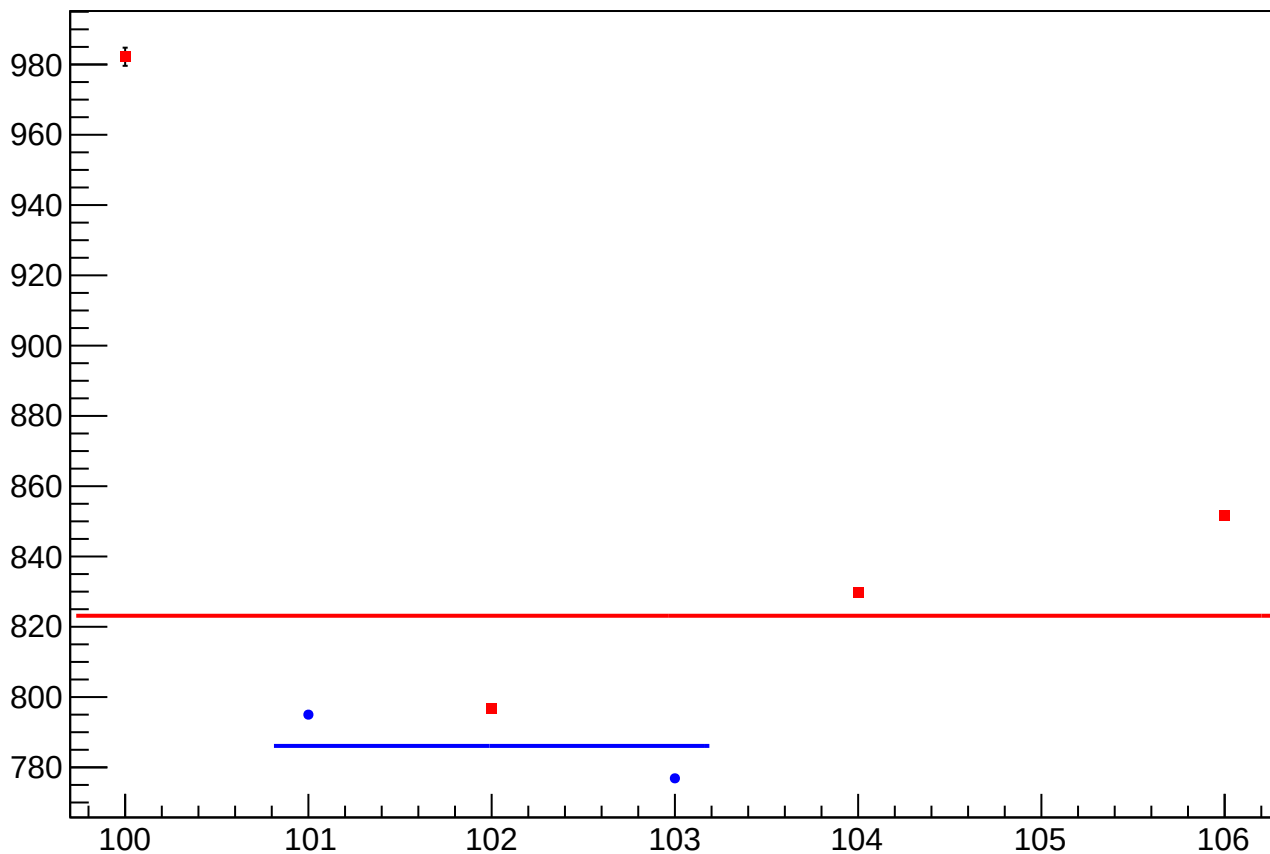
Right: -566.153+/-485.619 χ^2 /NDF: 2.7/5

In: -686.128+/-700.209 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -566.153+/-485.619 χ^2 /NDF: 2.7/5

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 823.139+/-0.477 χ^2/NDF : 5861.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

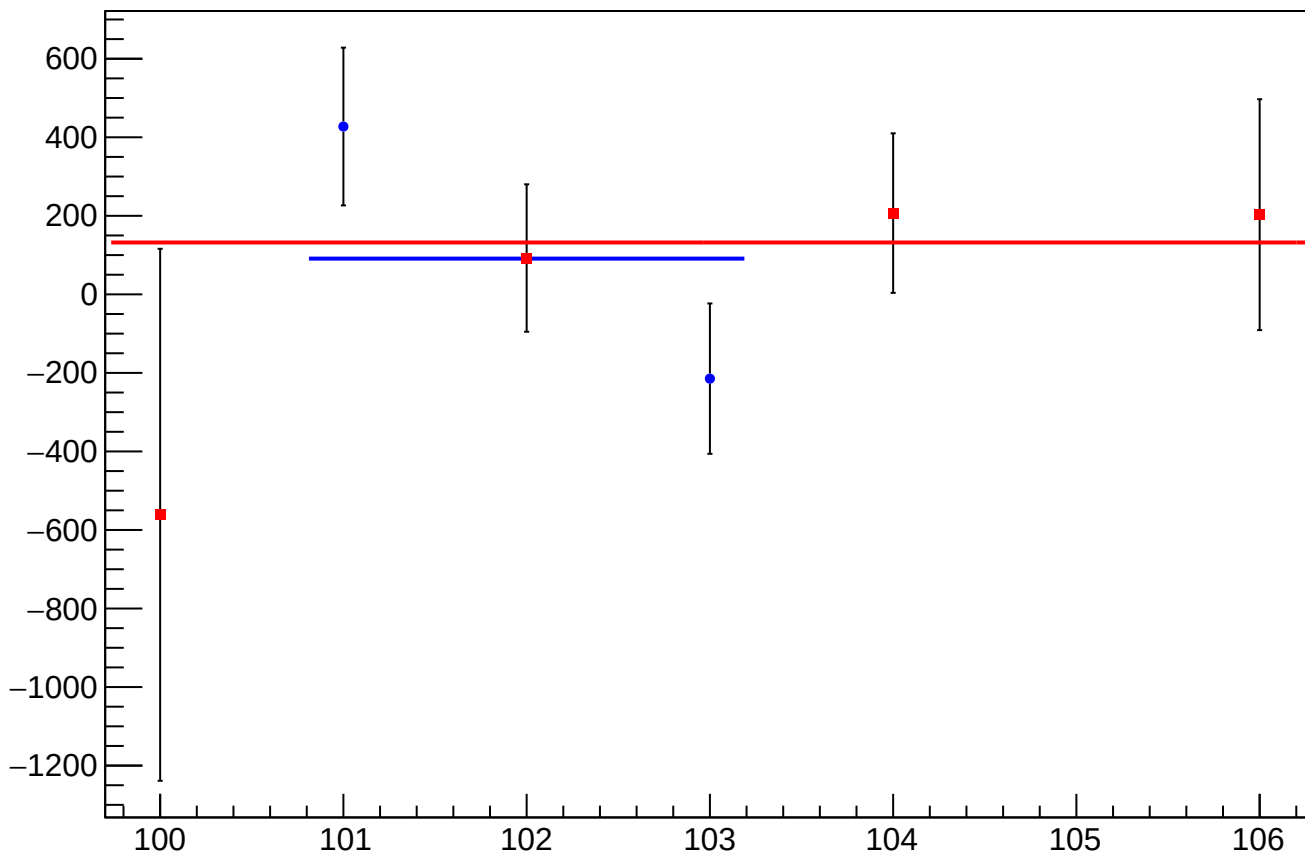
Right: 805.325+/-0.343 χ^2/NDF : 9100.0/5

In: 786.102+/-0.495 χ^2/NDF : 334.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.325+/-0.343 χ^2/NDF : 9100.0/5

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 91.036 $\pm$ 138.581 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 132.095 $\pm$ 122.746 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

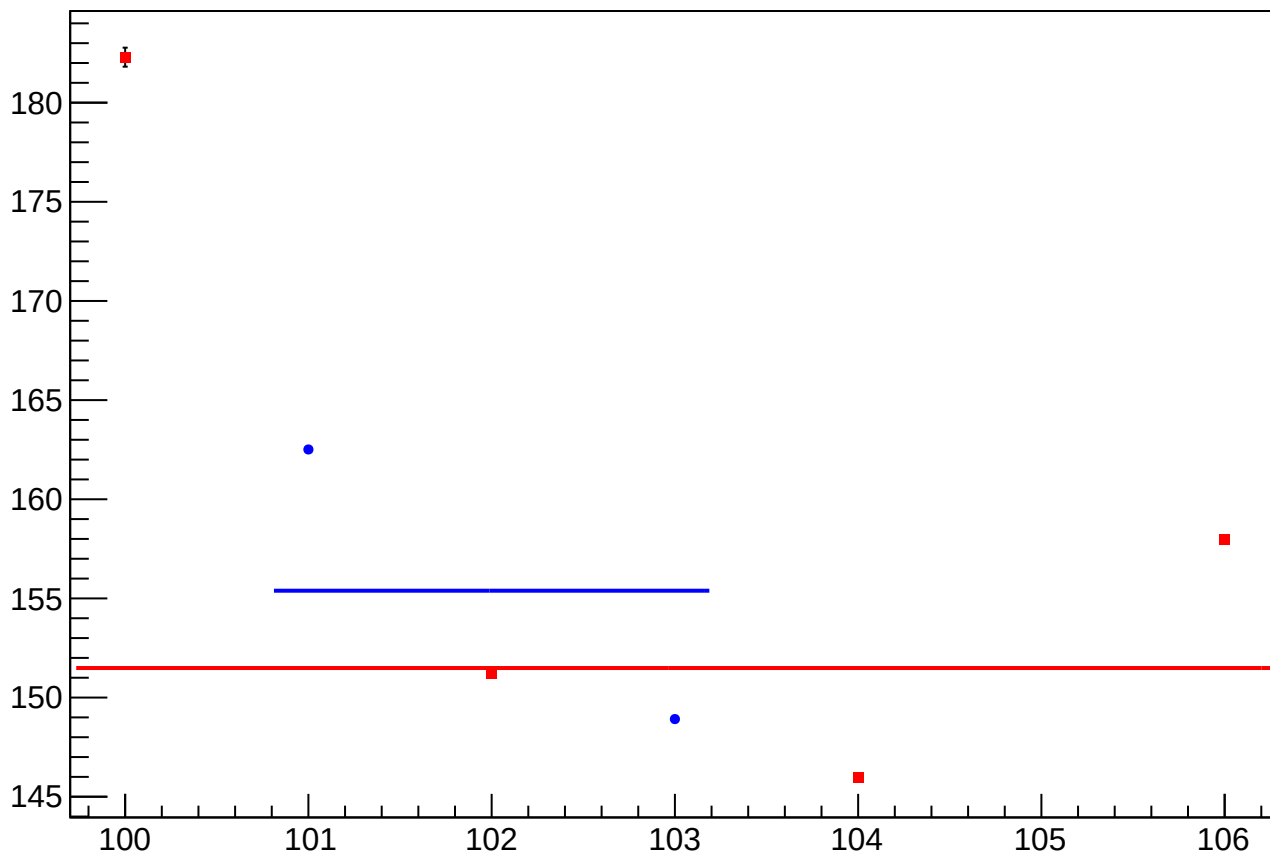
Right: 114.044 $\pm$ 91.885 χ^2 /NDF: 6.7/5

In: 91.036 $\pm$ 138.581 χ^2 /NDF:5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.044 $\pm$ 91.885 χ^2 /NDF: 6.7/5

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 155.389+/-0.098 χ^2/NDF : 4801.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.490+/-0.087 χ^2/NDF : 6609.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

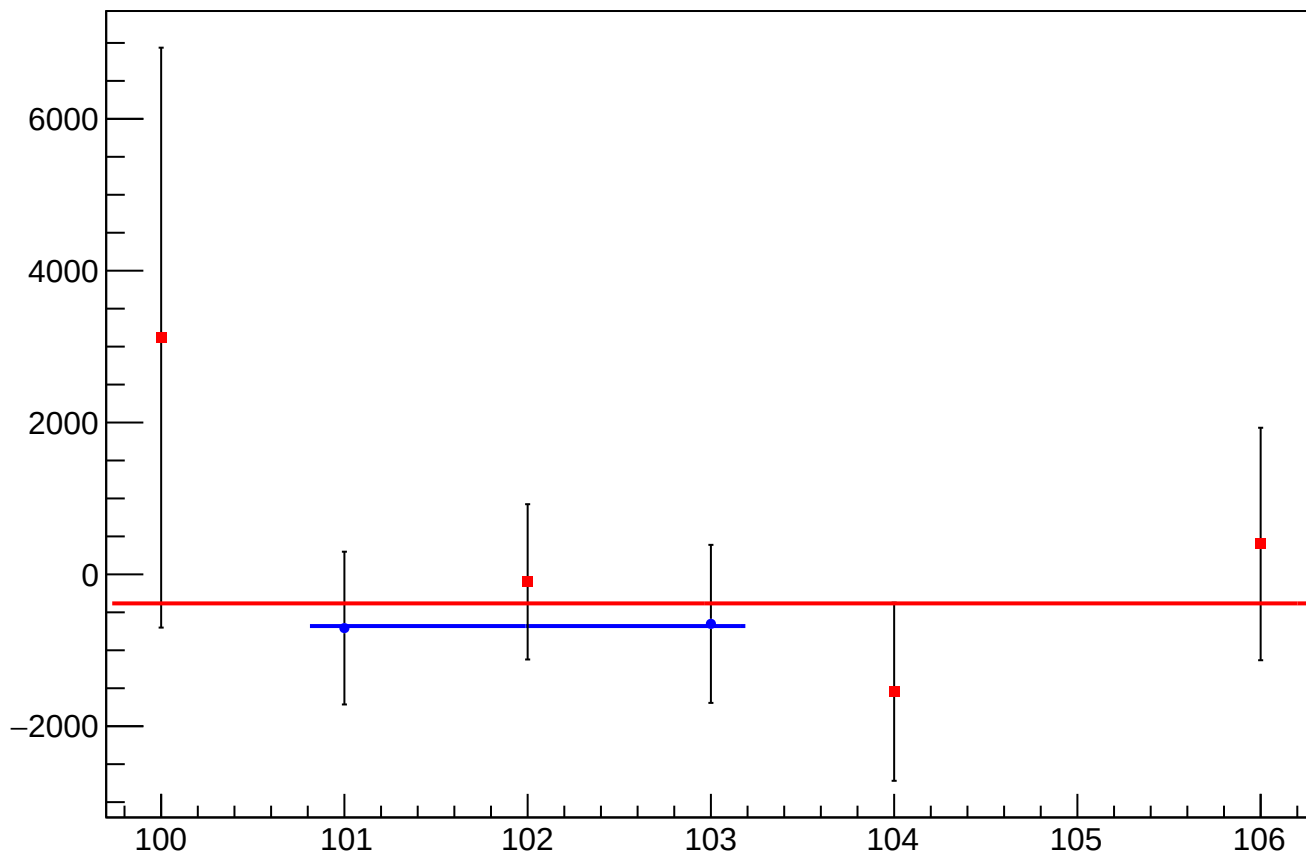
Right: 153.204+/-0.065 χ^2/NDF : 12297.8/5

In: 155.389+/-0.098 χ^2/NDF : 4801.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.204+/-0.065 χ^2/NDF : 12297.8/5

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -680.769+/-723.382 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -382.289+/-677.659 χ^2 /NDF: 2.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

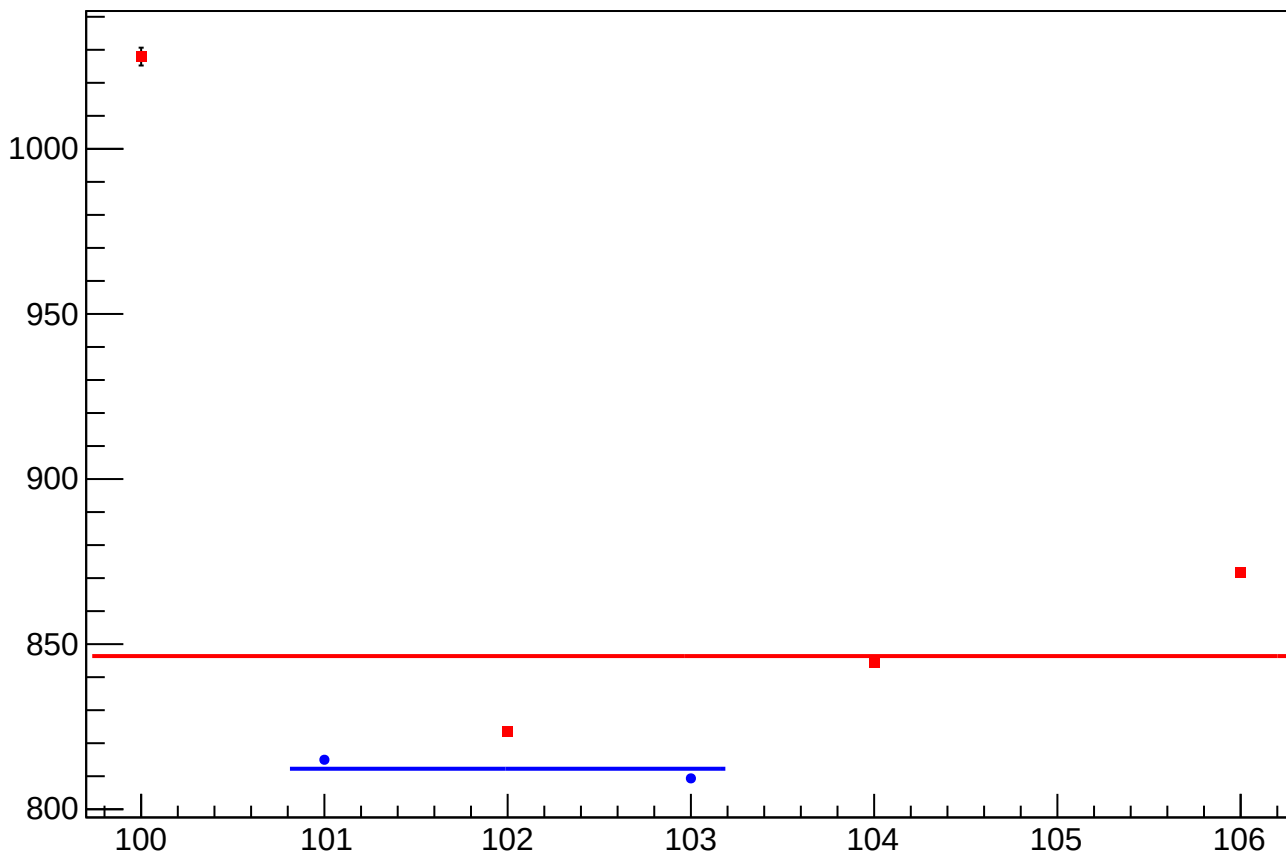
Right: -521.798+/-494.552 χ^2 /NDF: 2.3/5

In: -680.769+/-723.382 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -521.798+/-494.552 χ^2 /NDF: 2.3/5

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 812.265+/-0.512 χ^2/NDF : 30.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.387+/-0.479 χ^2/NDF : 6067.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

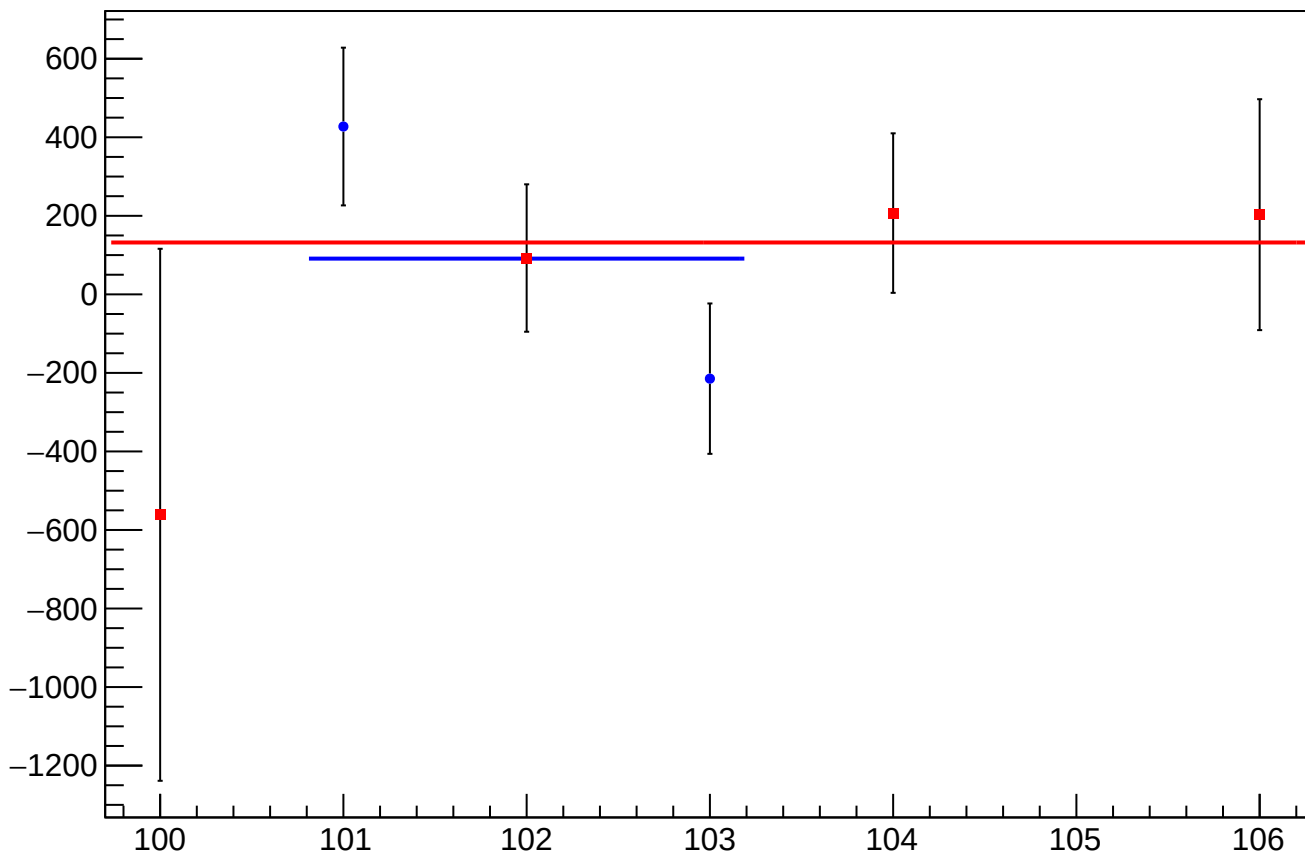
Right: 830.438+/-0.350 χ^2/NDF : 8467.8/5

In: 812.265+/-0.512 χ^2/NDF : 30.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.438+/-0.350 χ^2/NDF : 8467.8/5

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 91.032+/-138.580 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.098+/-122.746 χ^2/NDF : 1.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

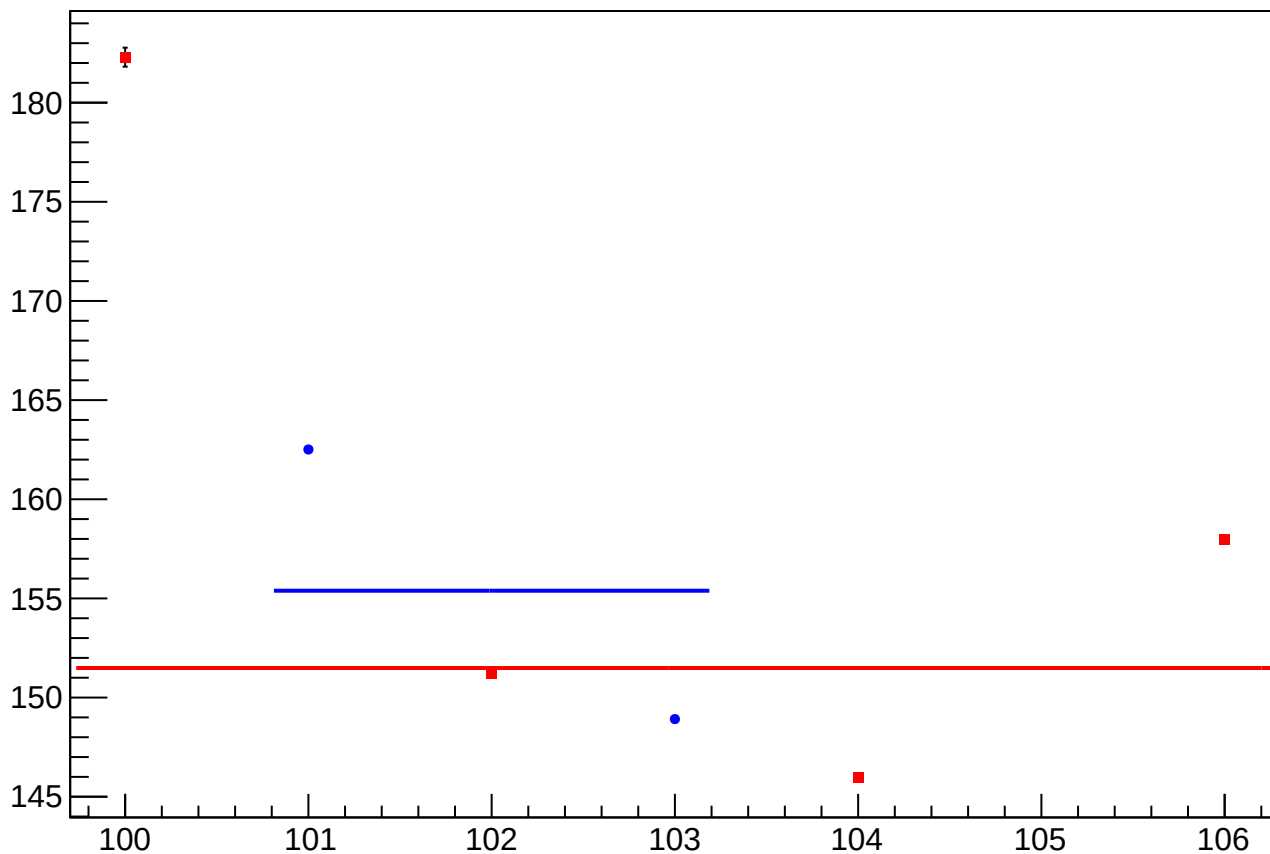
Right: 114.044+/-91.885 χ^2/NDF : 6.7/5

In: 91.032+/-138.580 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.044+/-91.885 χ^2/NDF : 6.7/5

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 155.388+/-0.098 χ^2/NDF : 4801.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.490+/-0.087 χ^2/NDF : 6609.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

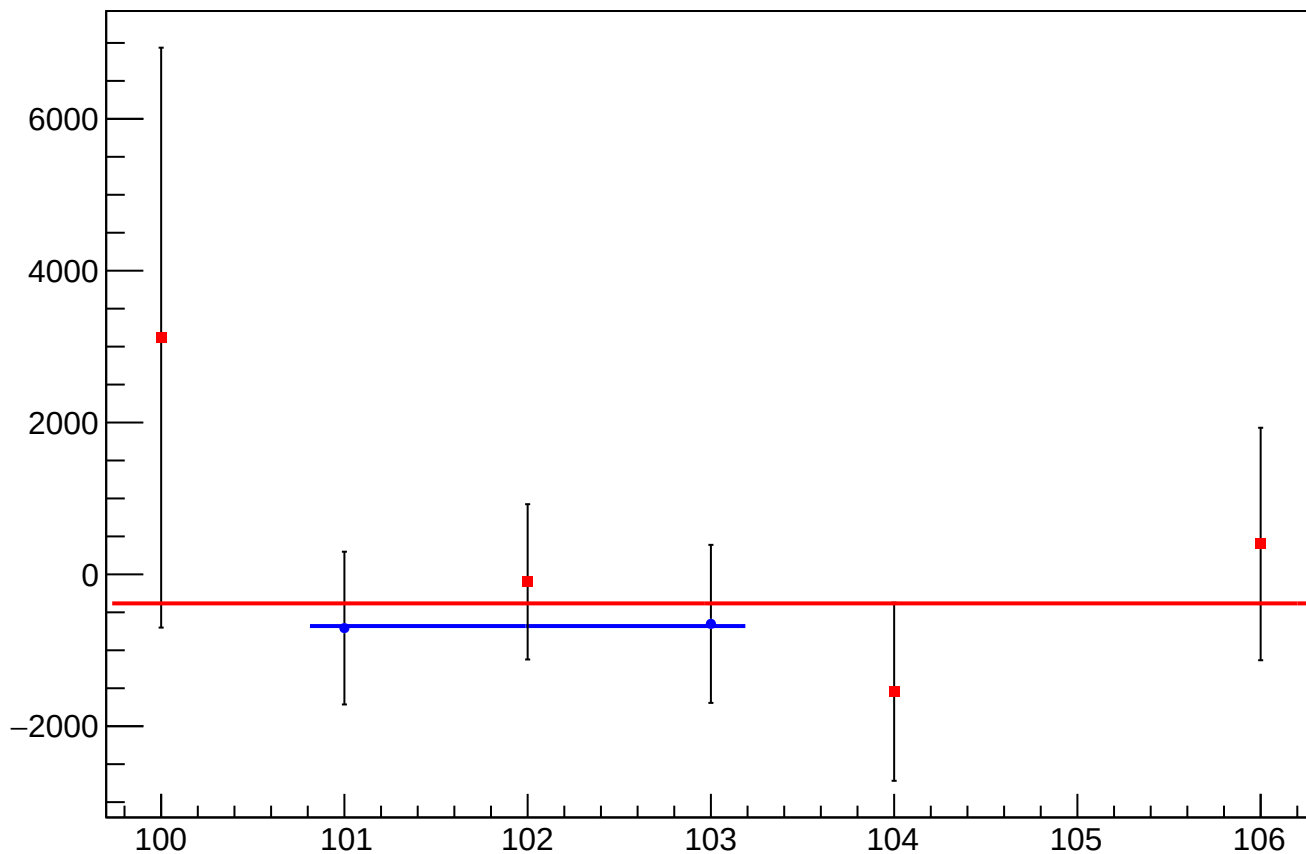
Right: 153.204+/-0.065 χ^2/NDF : 12298.2/5

In: 155.388+/-0.098 χ^2/NDF : 4801.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.204+/-0.065 χ^2/NDF : 12298.2/5

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -680.774 $\pm$ 723.381 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -382.289 $\pm$ 677.656 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

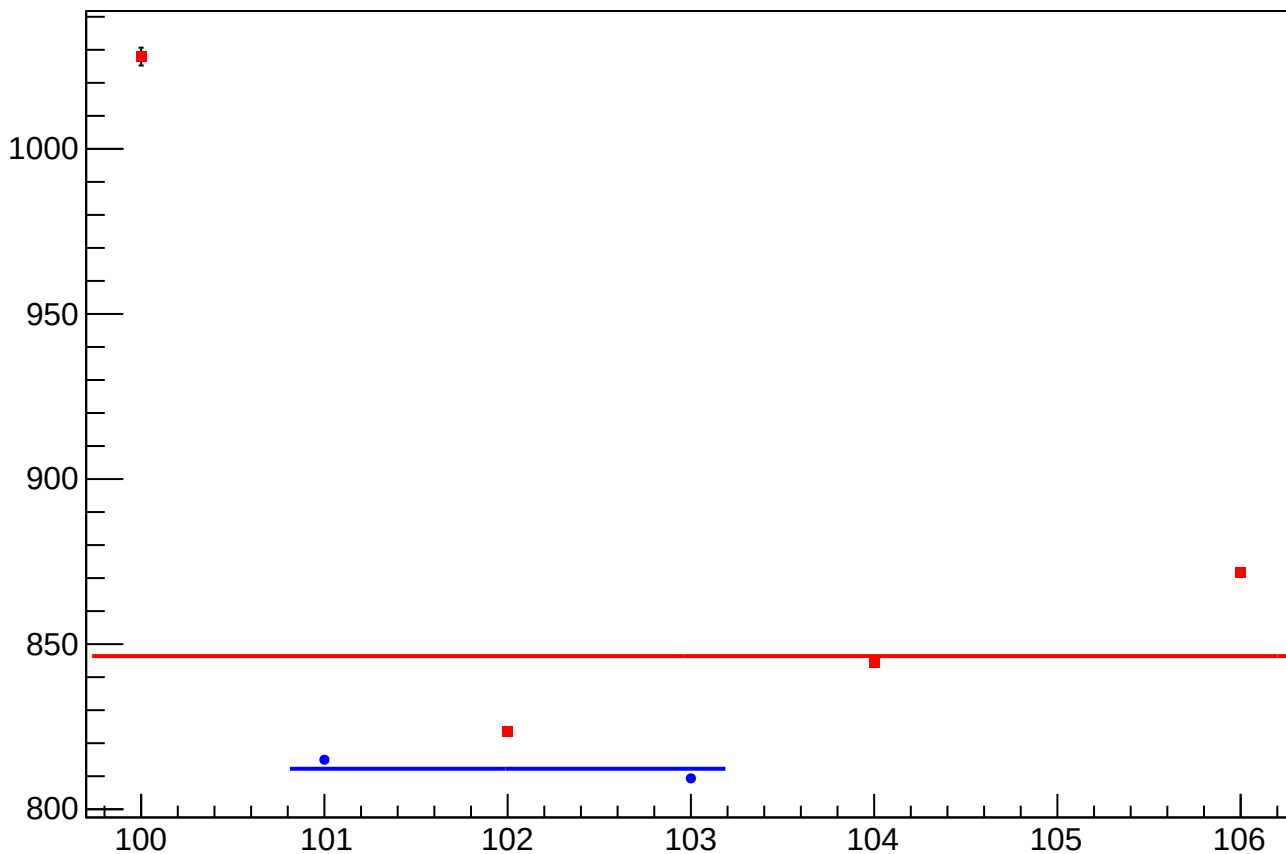
Right: -521.800 $\pm$ 494.551 χ^2 /NDF: 2.3/5

In: -680.774 $\pm$ 723.381 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -521.800 $\pm$ 494.551 χ^2 /NDF: 2.3/5

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 812.263 $\pm$ 0.512 χ^2 /NDF: 30.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 846.384 $\pm$ 0.479 χ^2 /NDF: 6067.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

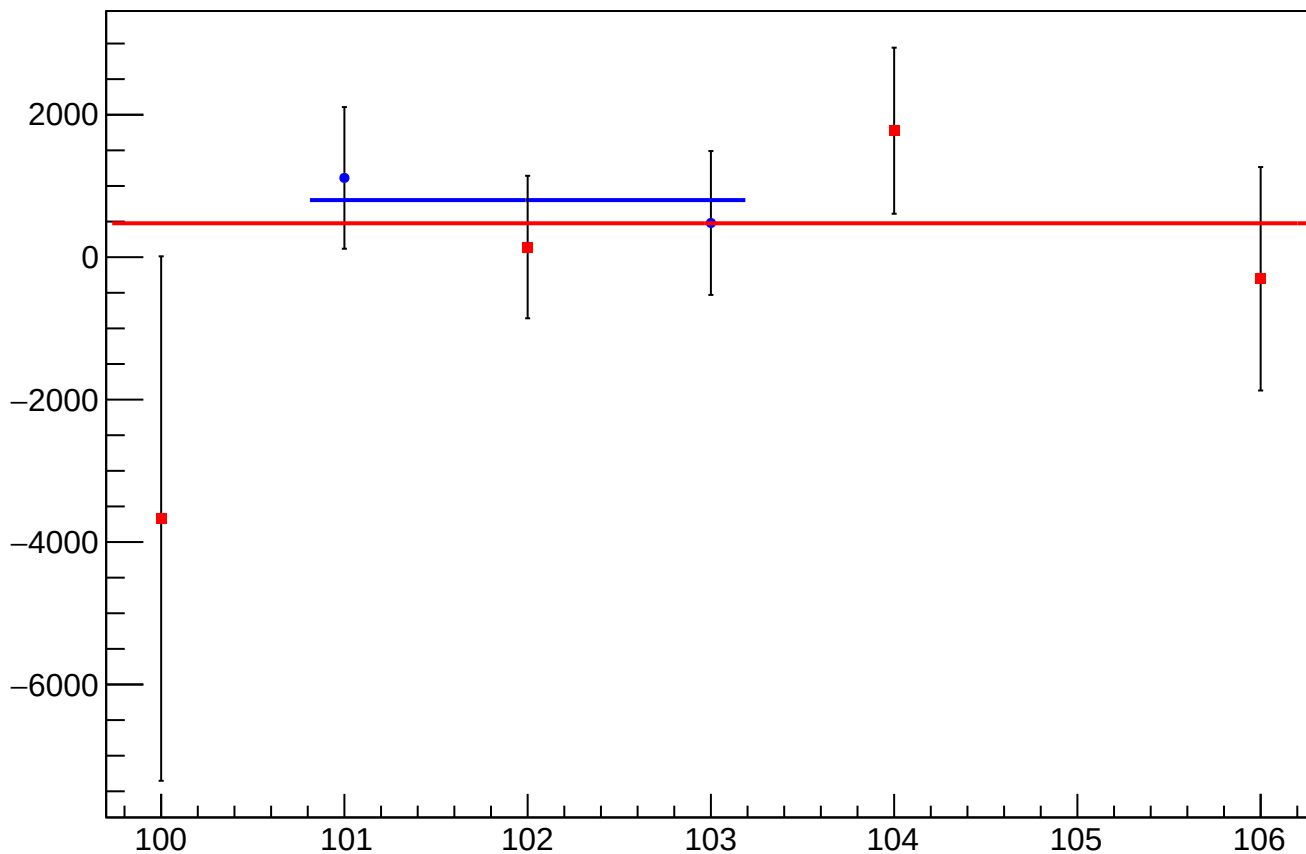
Right: 830.436 $\pm$ 0.350 χ^2 /NDF: 8468.1/5

In: 812.263 $\pm$ 0.512 χ^2 /NDF: 30.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 830.436 $\pm$ 0.350 χ^2 /NDF: 8468.1/5

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 801.647+/-708.695 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.217+/-671.928 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

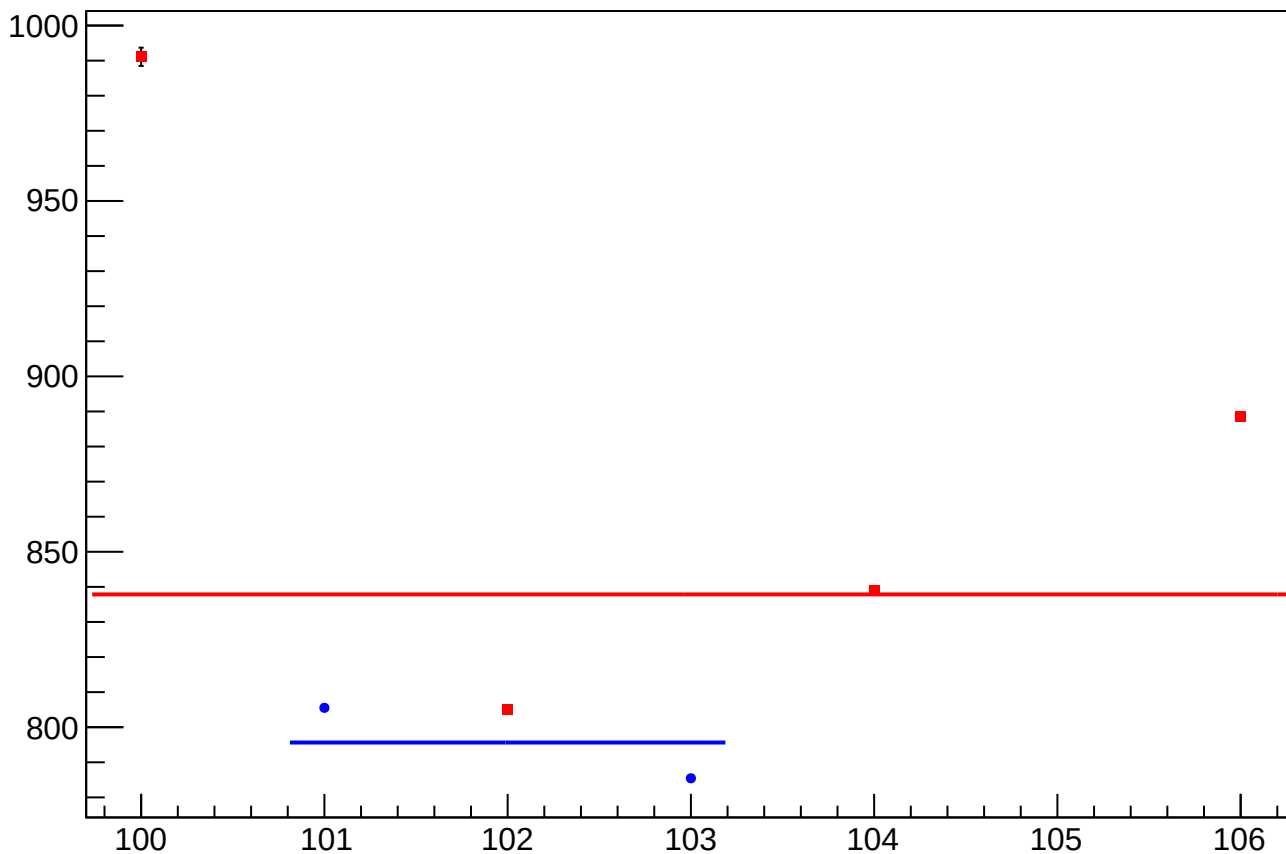
Right: 630.272+/-487.605 χ^2/NDF : 3.2/5

In: 801.647+/-708.695 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.272+/-487.605 χ^2/NDF : 3.2/5

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 795.639 $\pm$ 0.501 χ^2 /NDF: 401.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 837.851 $\pm$ 0.475 χ^2 /NDF: 7709.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

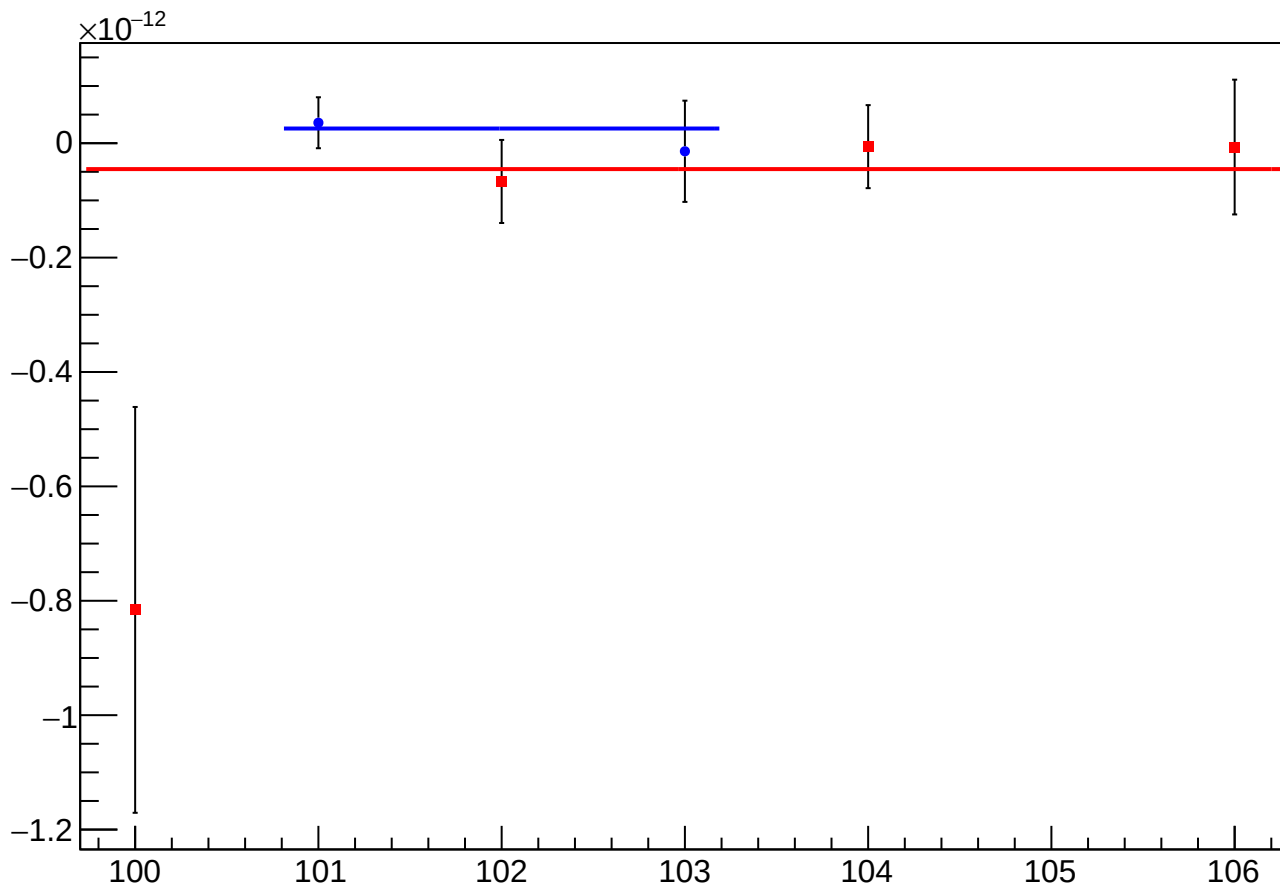
Right: 817.868 $\pm$ 0.345 χ^2 /NDF: 11847.5/5

In: 795.639 $\pm$ 0.501 χ^2 /NDF:401.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 817.868 $\pm$ 0.345 χ^2 /NDF: 11847.5/5

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

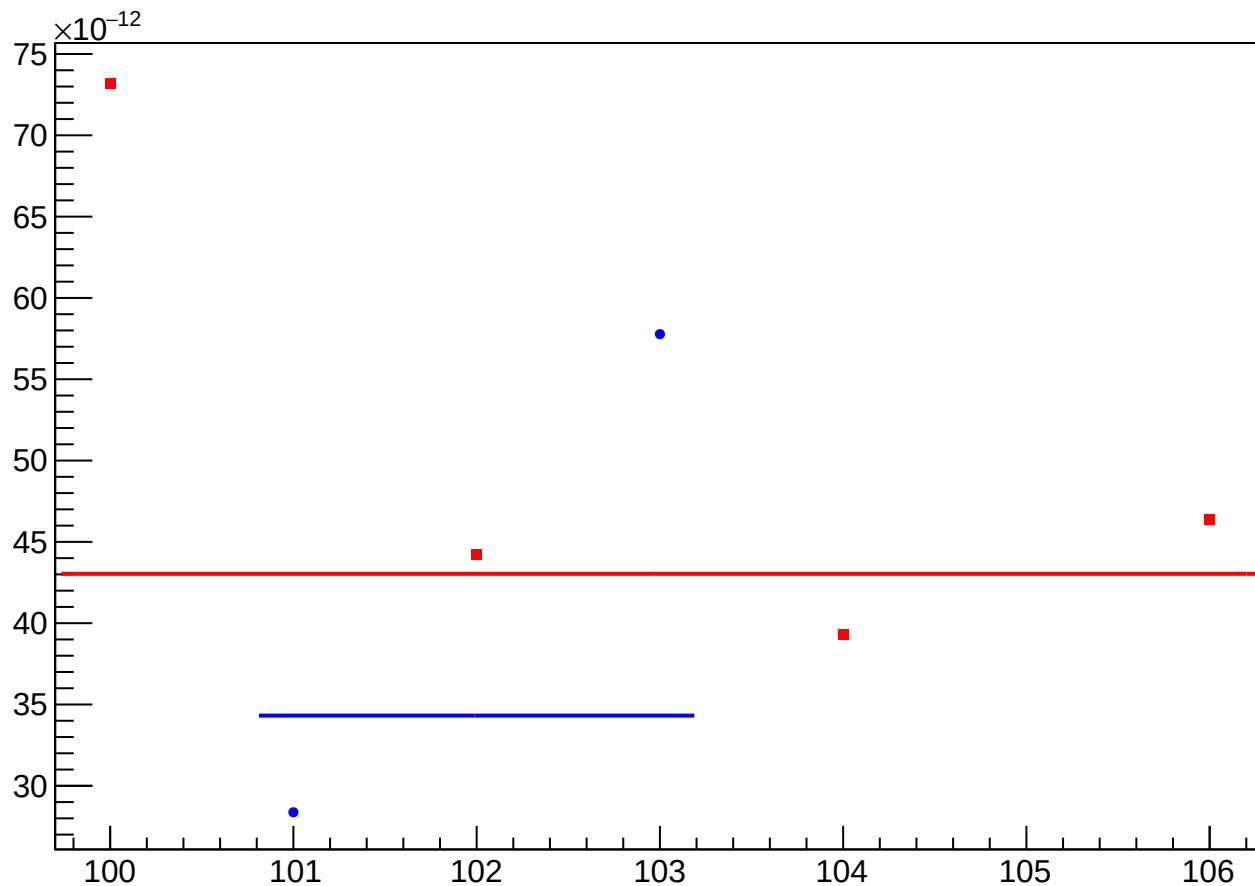
Right: -0.000+/-0.000 χ^2/NDF : 6.8/5

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/5

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 176179.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21765.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

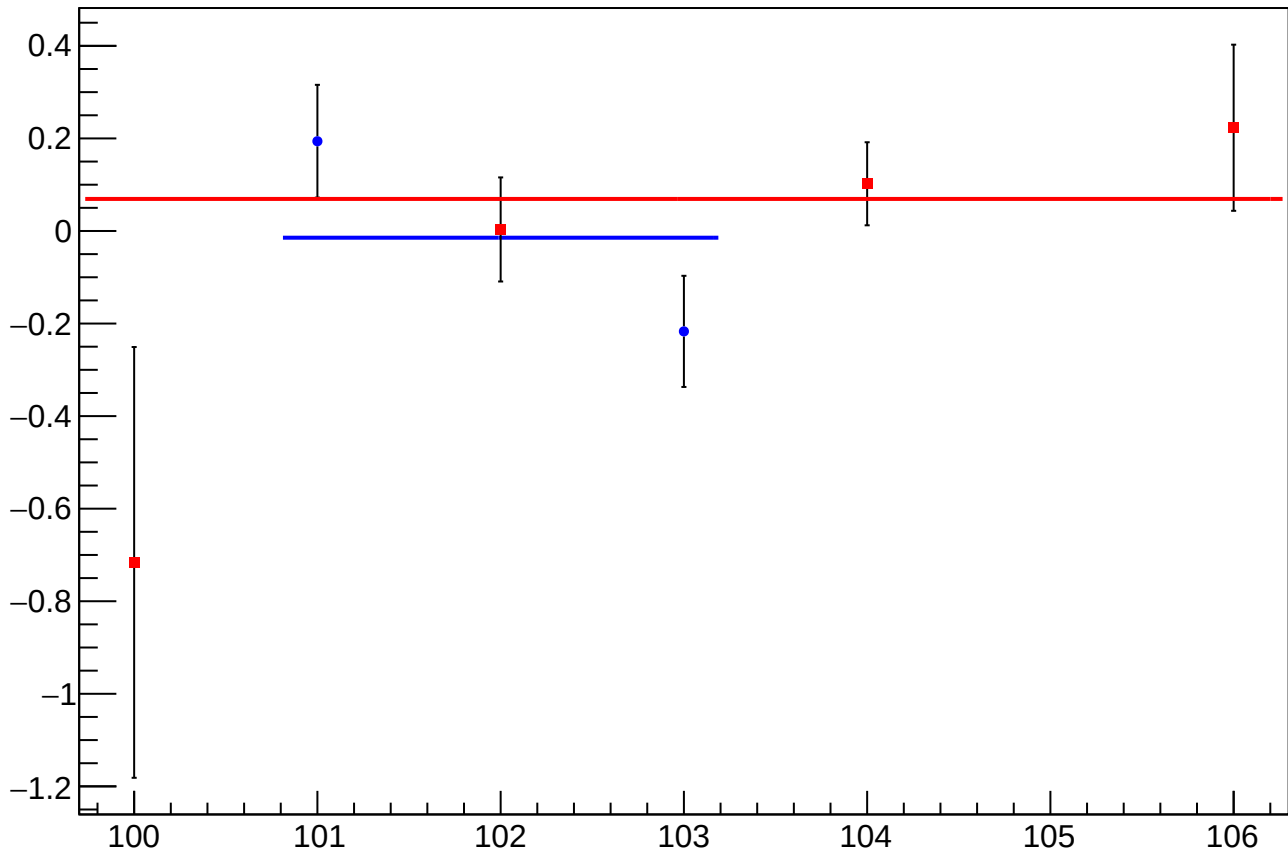
Right: 0.000+/-0.000 χ^2/NDF : 238382.8/5

In: 0.000+/-0.000 χ^2/NDF : 176179.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 238382.8/5

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.065 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

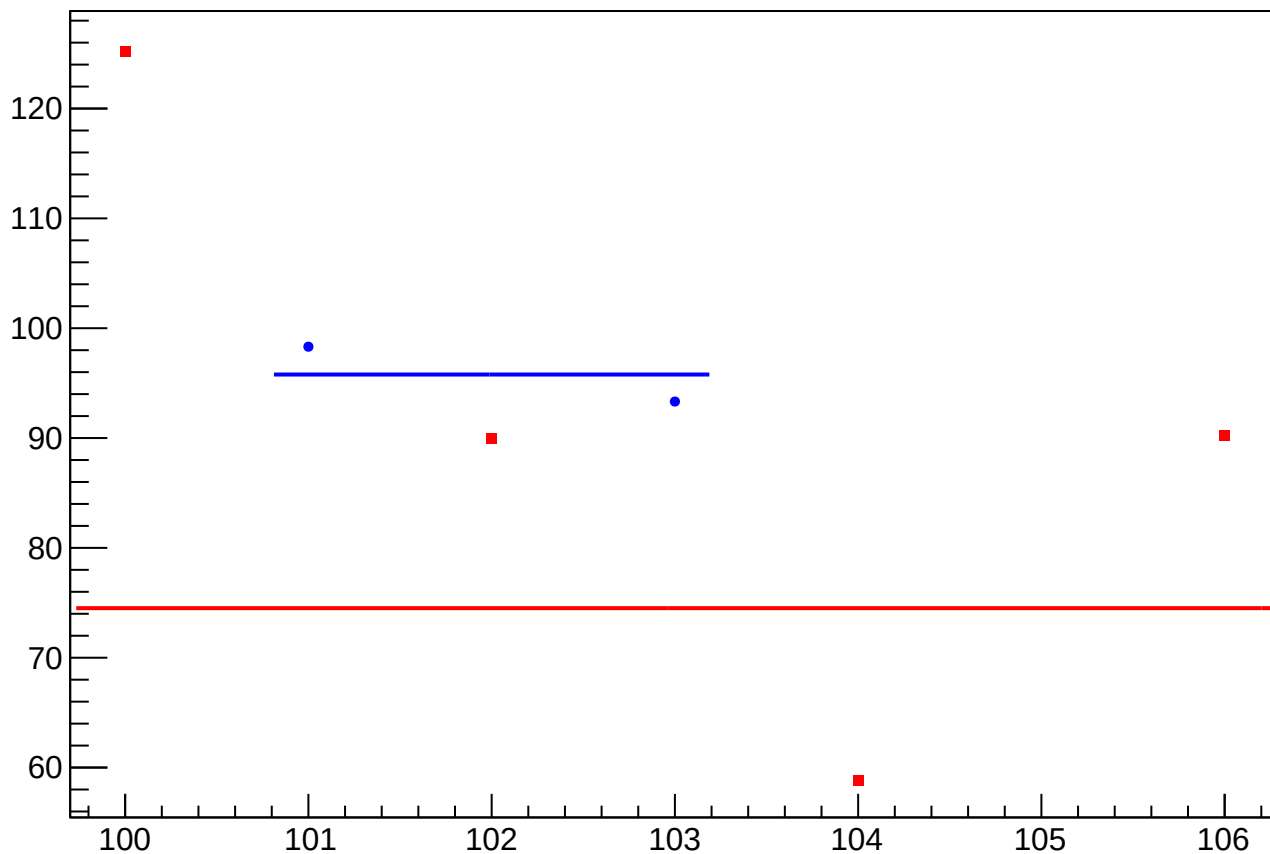
Right: 0.039+/-0.052 χ^2/NDF : 10.4/5

In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.052 χ^2/NDF : 10.4/5

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.512+/-0.046 χ^2/NDF : 137709.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

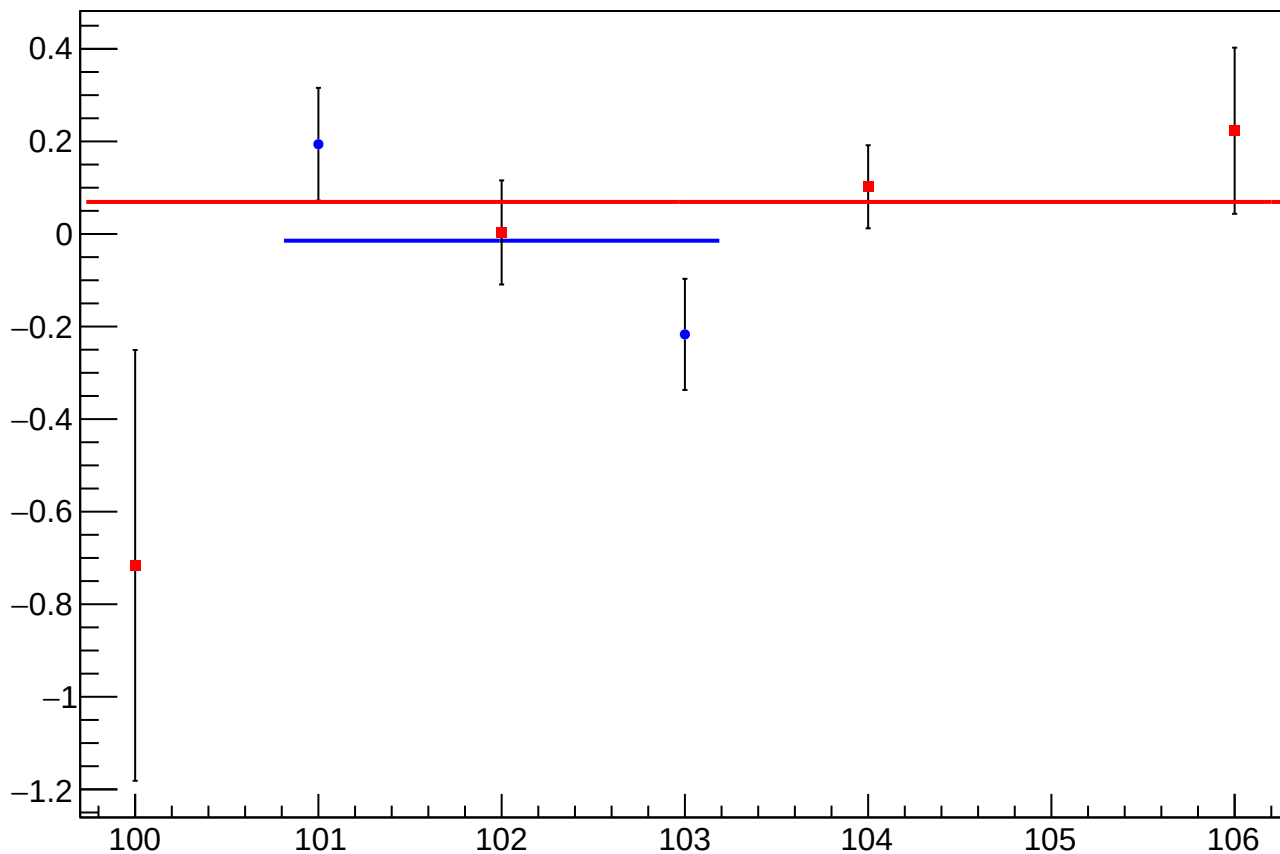
Right: 82.253+/-0.036 χ^2/NDF : 218091.3/5

In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.253+/-0.036 χ^2/NDF : 218091.3/5

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.065 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

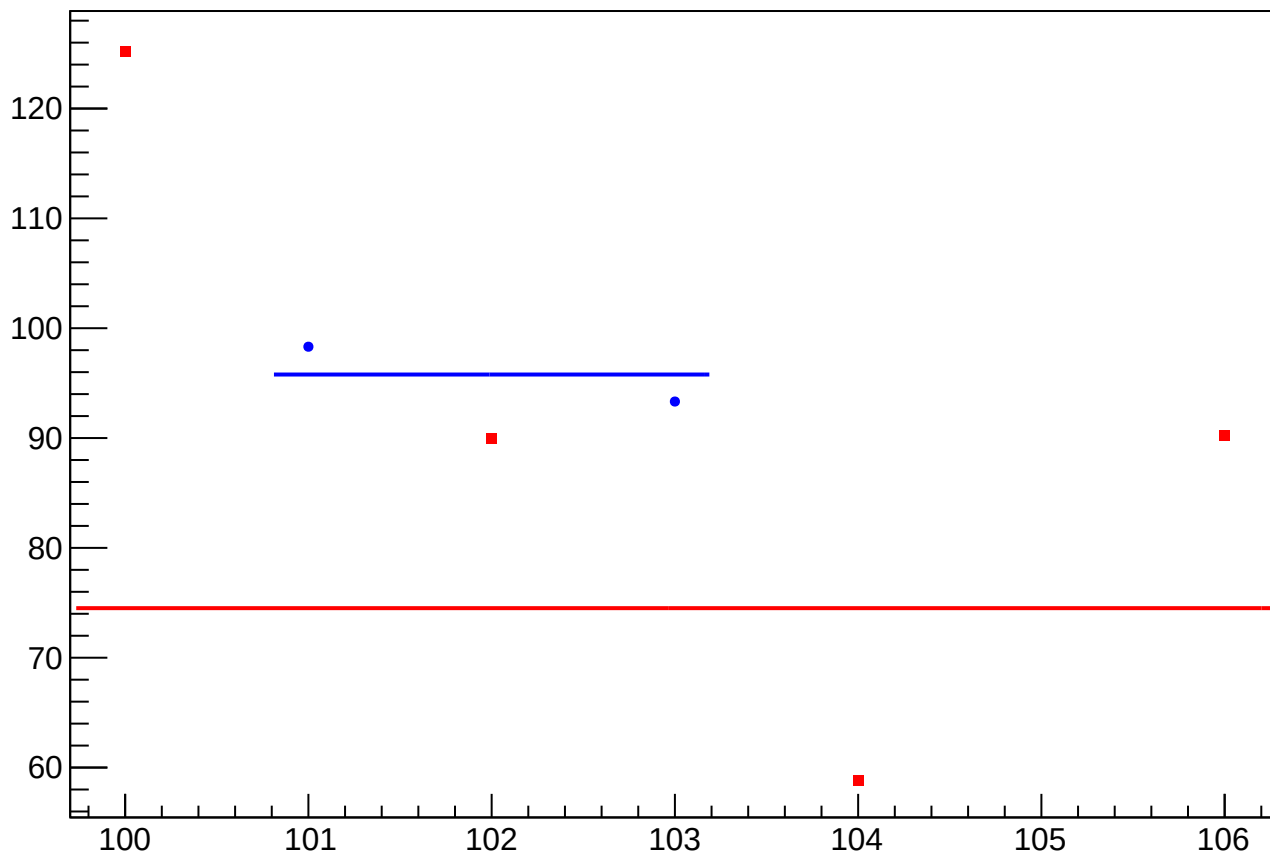
Right: 0.039+/-0.052 χ^2/NDF : 10.4/5

In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.052 χ^2/NDF : 10.4/5

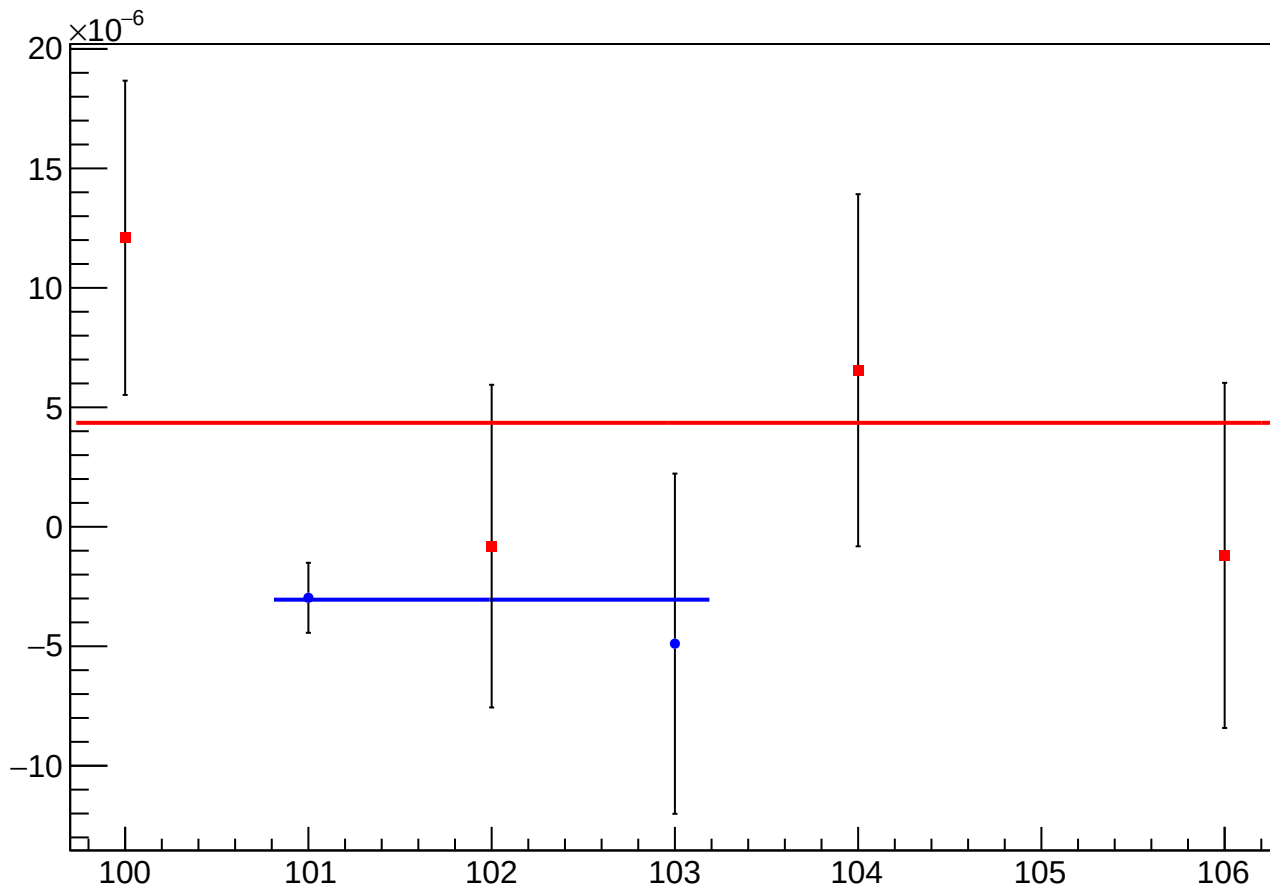
asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783 ± 0.060 $\chi^2/\text{NDF}: 1702.2/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 74.512 ± 0.046 $\chi^2/\text{NDF}: 137709.0/3$
 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: 82.253 ± 0.036 $\chi^2/\text{NDF}: 218091.3/5$
 In: 95.783 ± 0.060 $\chi^2/\text{NDF}: 1702.2/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 82.253 ± 0.036 $\chi^2/\text{NDF}: 218091.3/5$

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 2.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

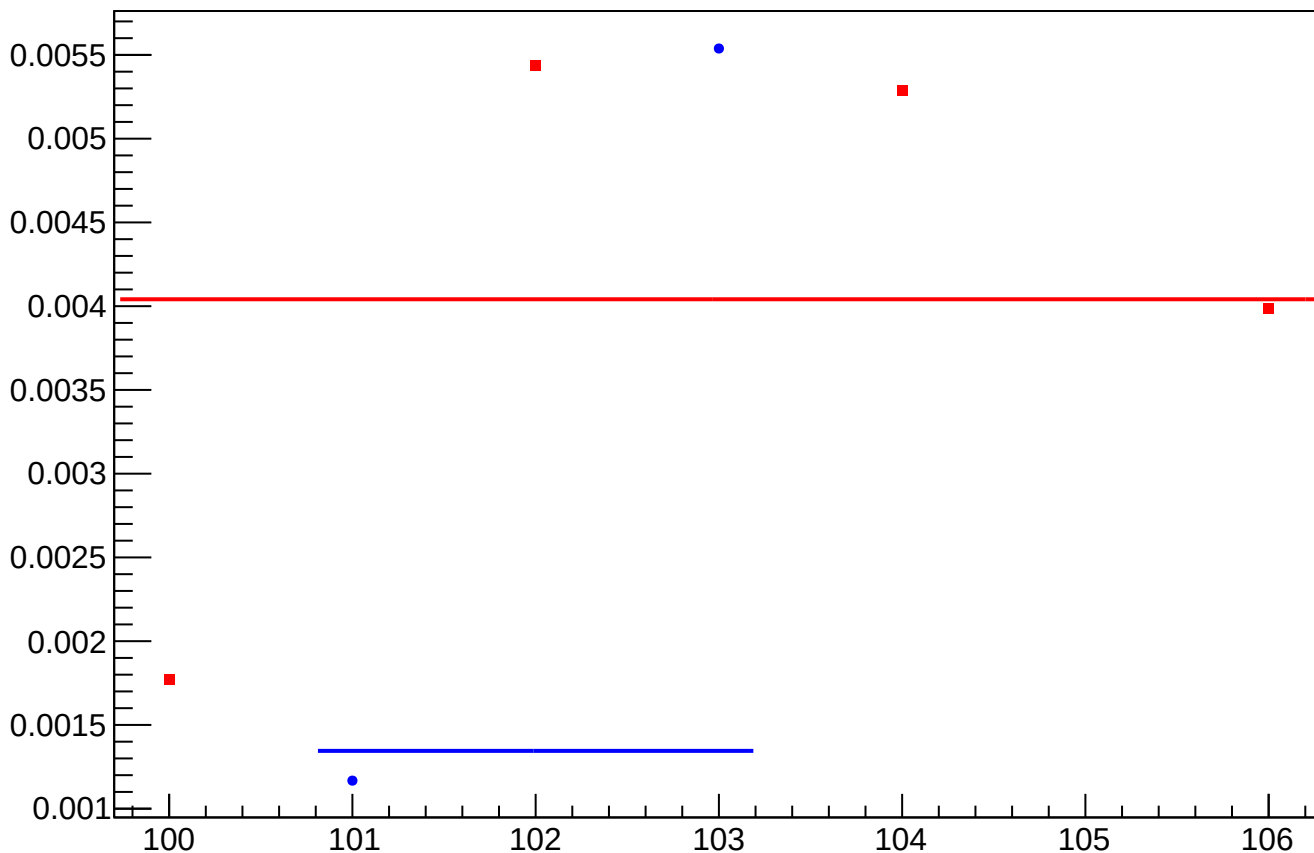
Right: -0.000+/-0.000 χ^2 /NDF: 6.6/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.6/5

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 723223.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 381232.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

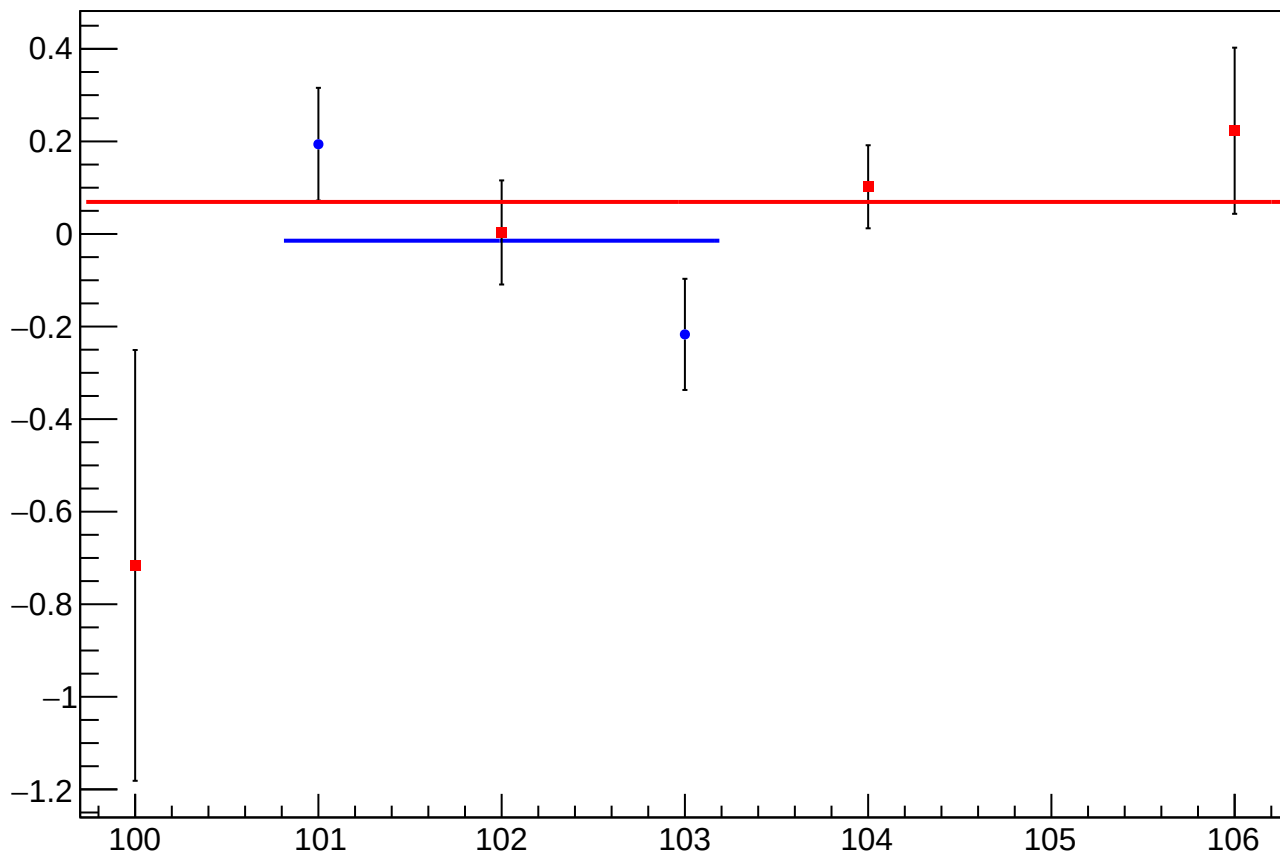
Right: 0.002+/-0.000 χ^2/NDF : 2131125.3/5

In: 0.001+/-0.000 χ^2/NDF : 723223.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2131125.3/5

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.069+/-0.065 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

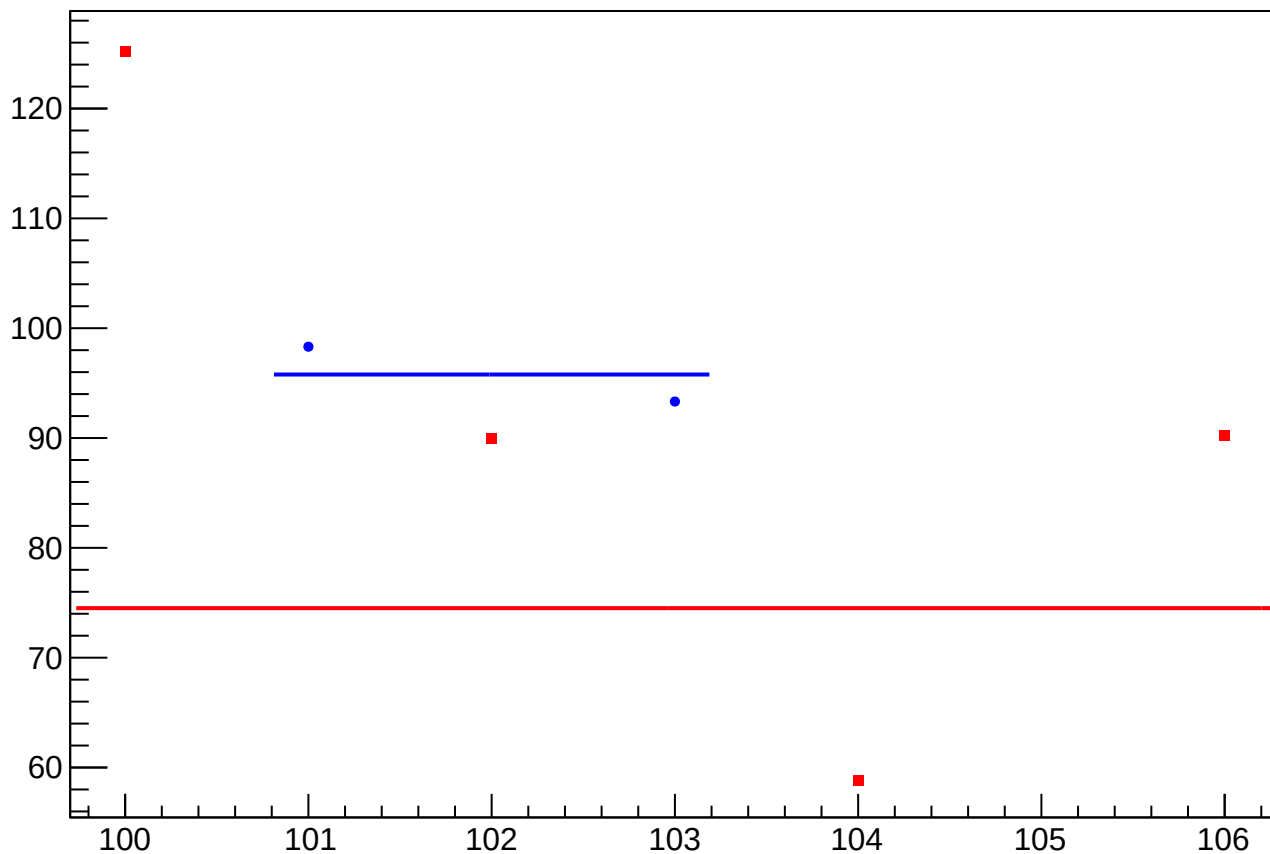
Right: 0.039+/-0.052 χ^2/NDF : 10.4/5

In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.039+/-0.052 χ^2/NDF : 10.4/5

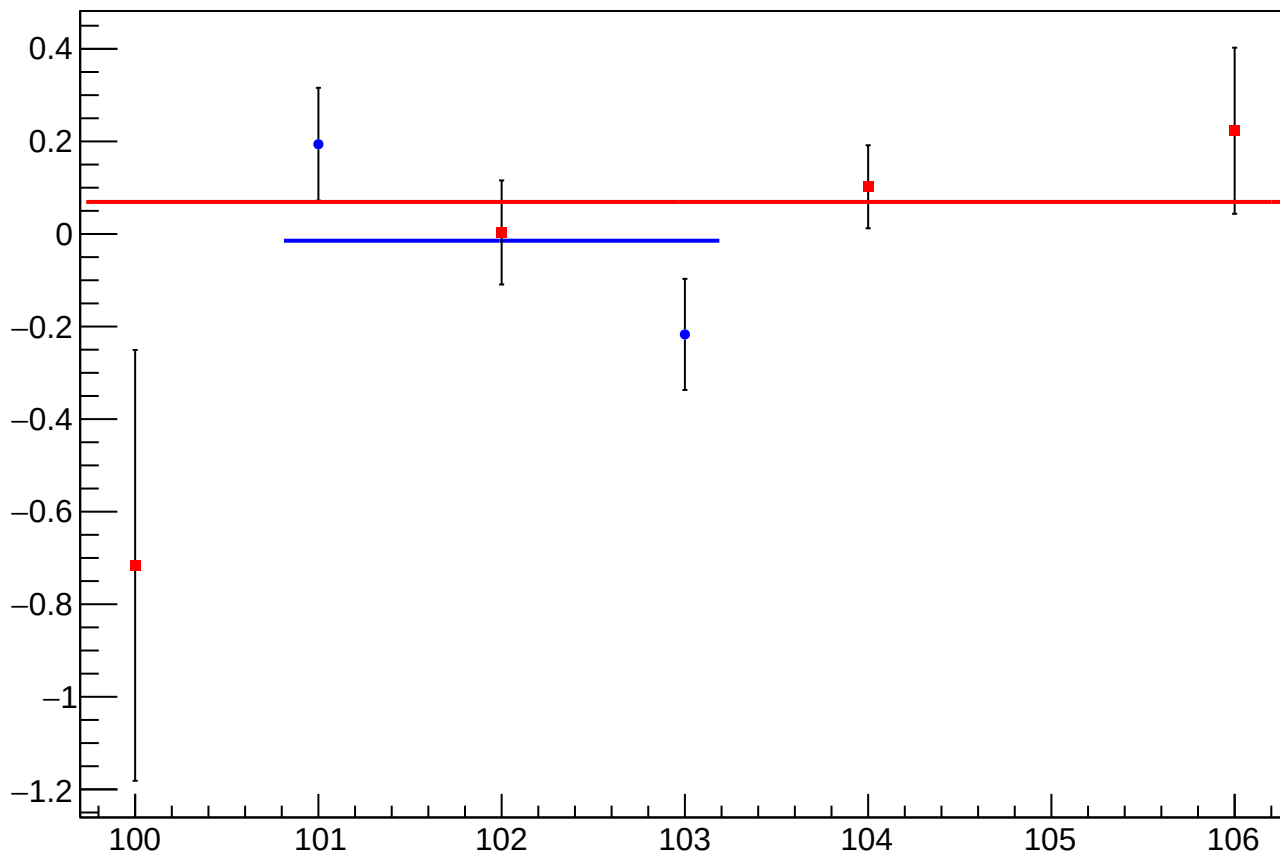
asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783 ± 0.060 $\chi^2/\text{NDF}: 1702.8/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 74.510 ± 0.046 $\chi^2/\text{NDF}: 137734.6/3$
 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: 82.251 ± 0.036 $\chi^2/\text{NDF}: 218131.6/5$
 In: 95.783 ± 0.060 $\chi^2/\text{NDF}: 1702.8/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 82.251 ± 0.036 $\chi^2/\text{NDF}: 218131.6/5$

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.069+/-0.065 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

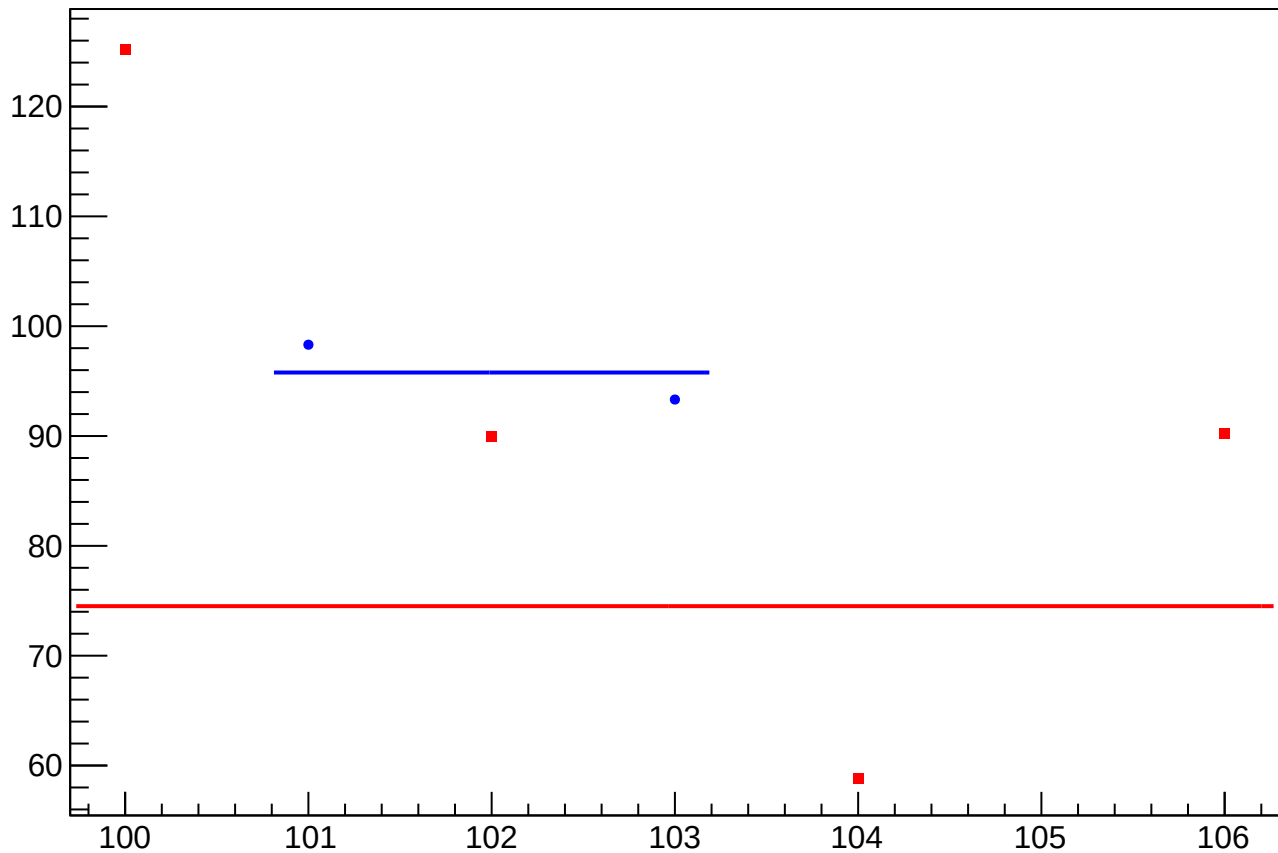
Right: 0.039+/-0.052 χ^2/NDF : 10.4/5

In: -0.015+/-0.086 χ^2/NDF :5.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.039+/-0.052 χ^2/NDF : 10.4/5

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.510+/-0.046 χ^2/NDF : 137734.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

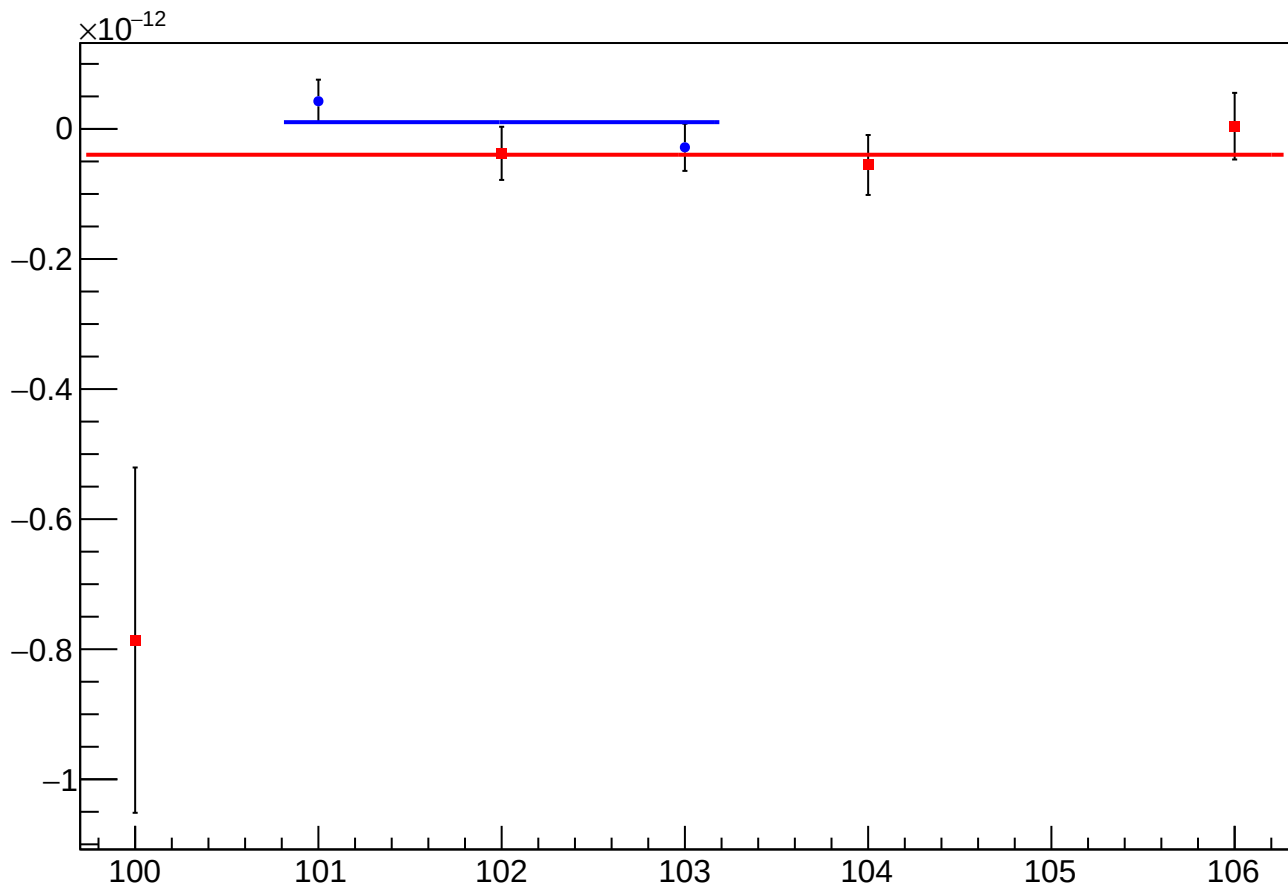
Right: 82.251+/-0.036 χ^2/NDF : 218131.6/5

In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.251+/-0.036 χ^2/NDF : 218131.6/5

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

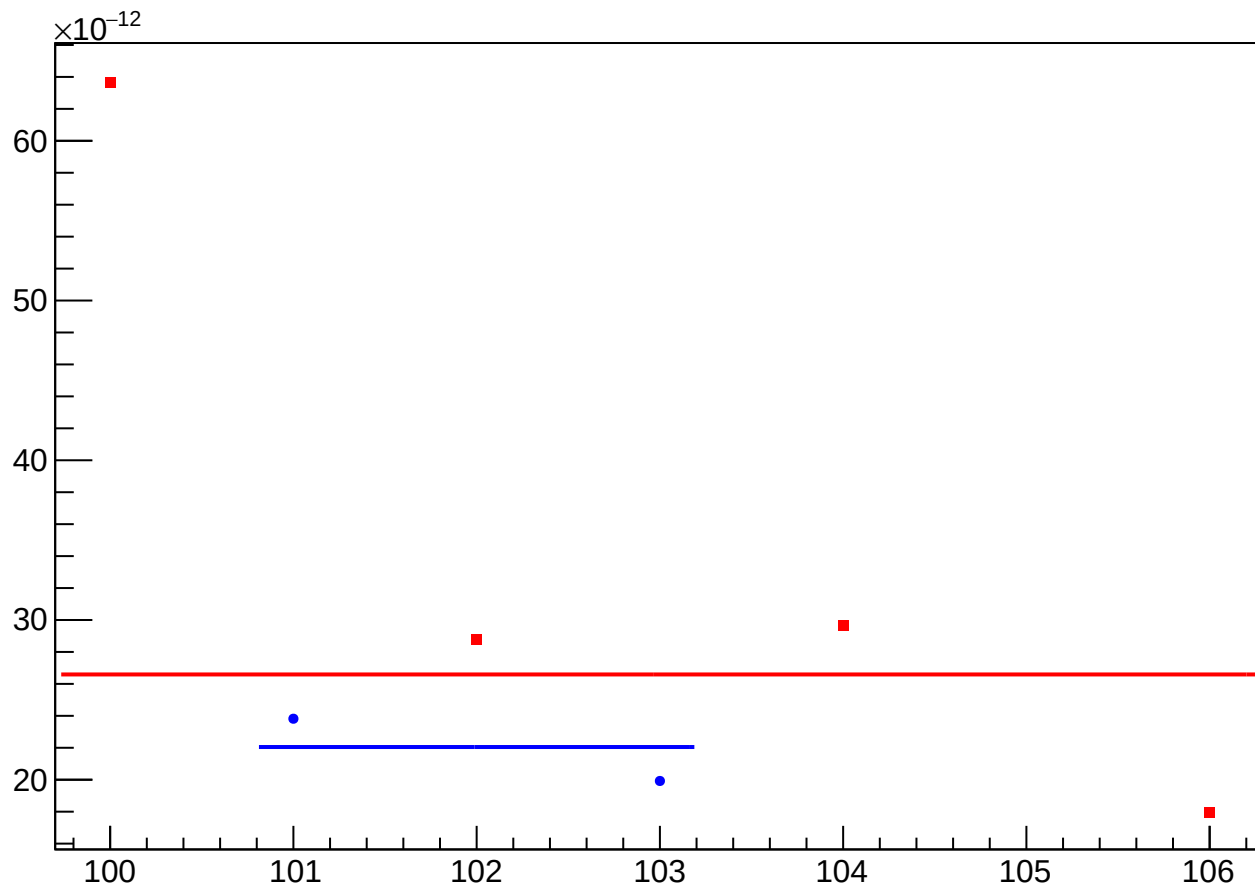
Right: -0.000+/-0.000 χ^2/NDF : 12.8/5

In: 0.000+/-0.000 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.8/5

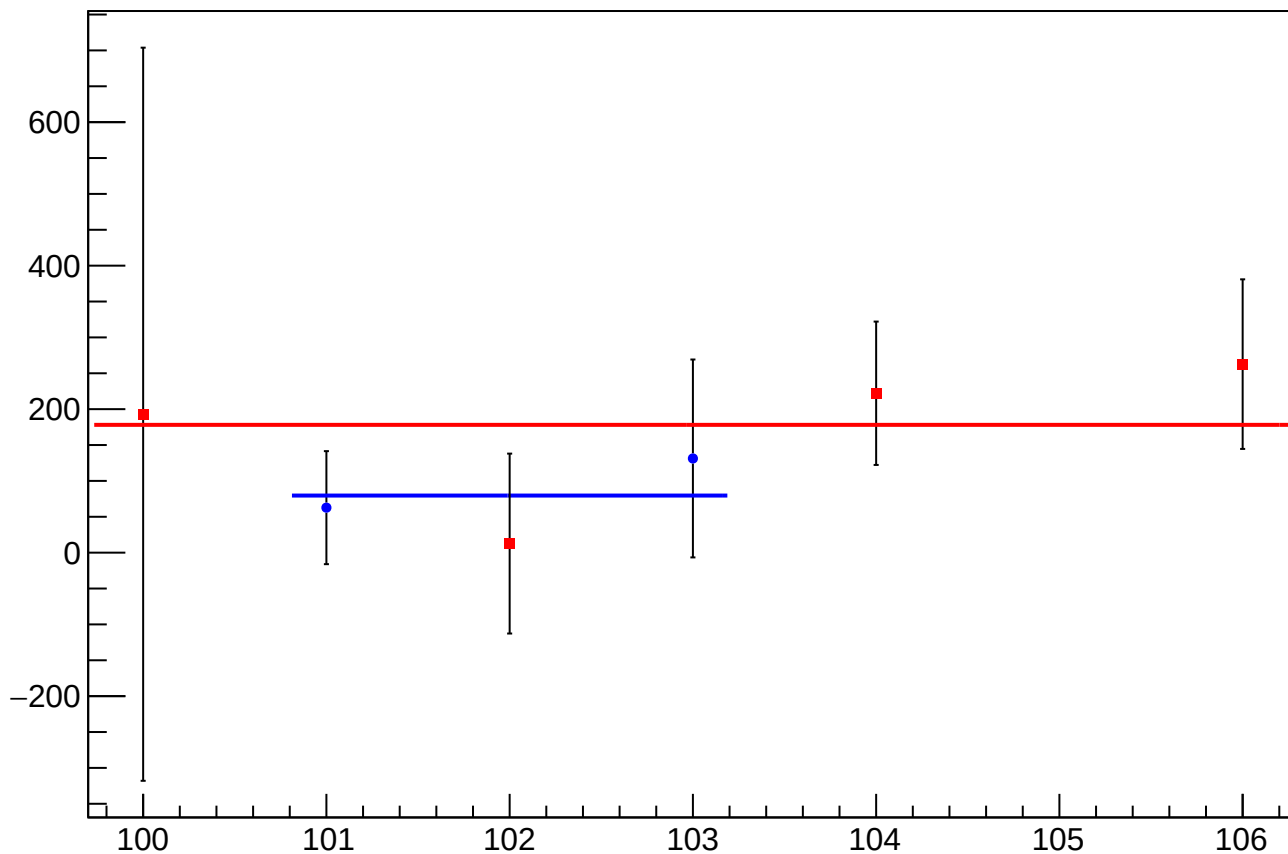
asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12594.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 110297.6/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 155135.9/5
 In: 0.000+/-0.000 χ^2/NDF : 12594.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 155135.9/5

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.577+/-68.399 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.118+/-64.653 χ^2/NDF : 2.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

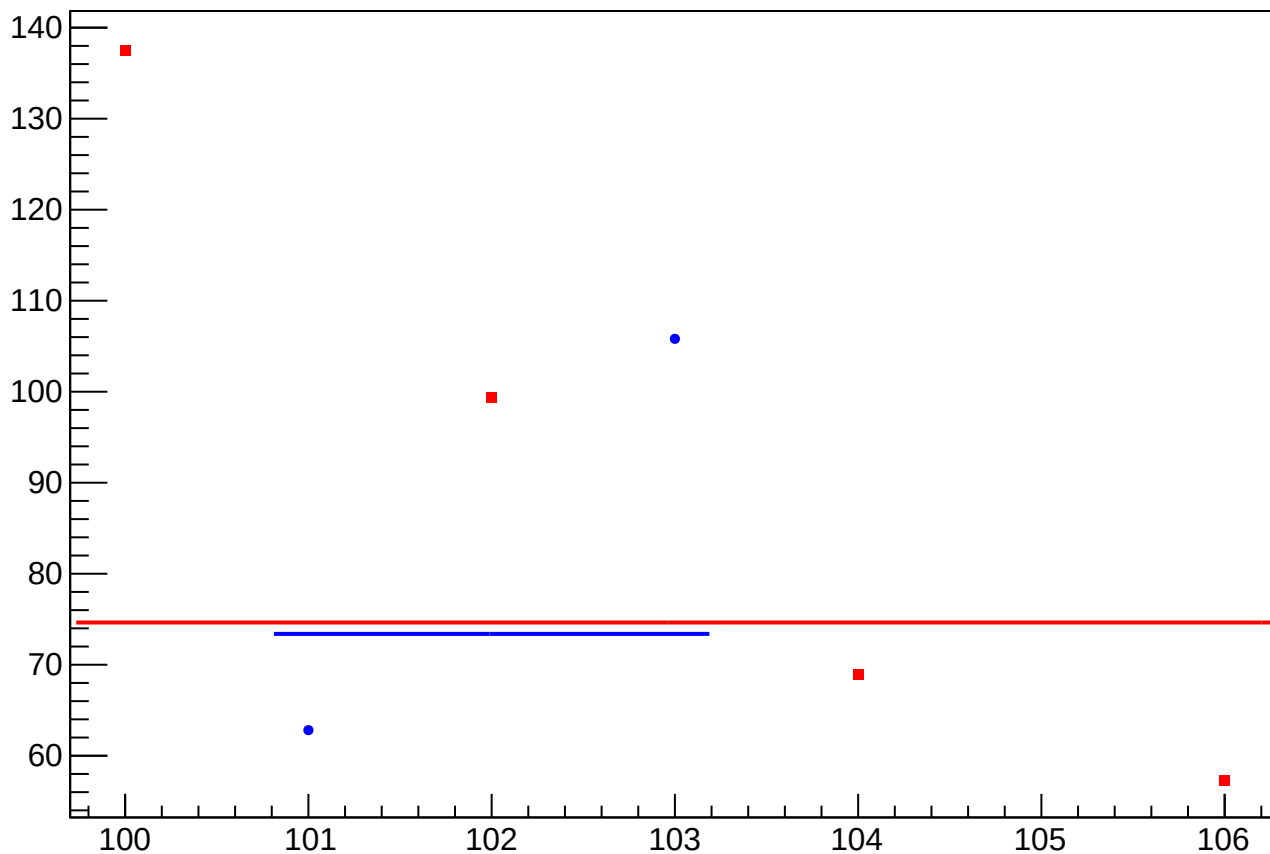
Right: 131.620+/-46.985 χ^2/NDF : 3.7/5

In: 79.577+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.620+/-46.985 χ^2/NDF : 3.7/5

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390+/-0.048 χ^2/NDF : 146582.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.641+/-0.046 χ^2/NDF : 157056.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

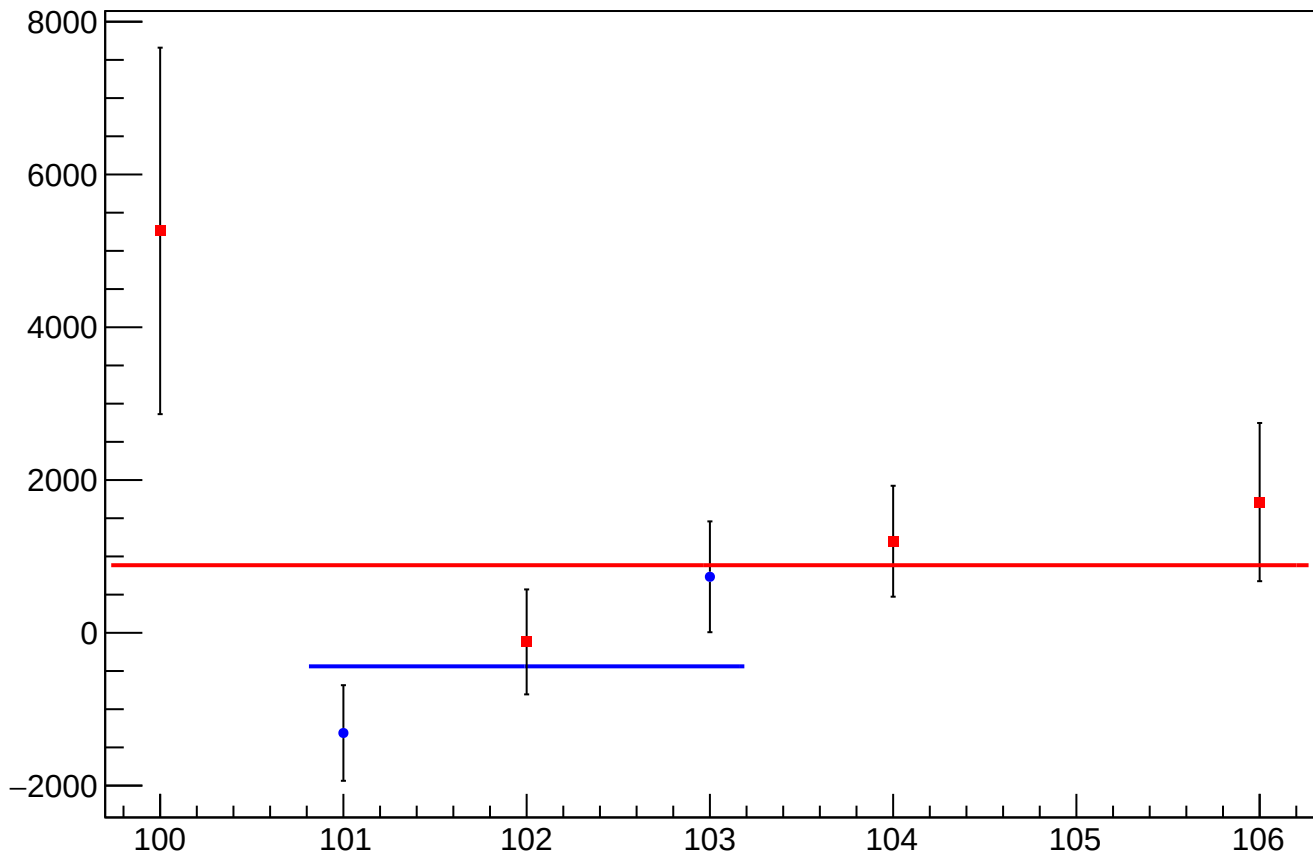
Right: 74.050+/-0.033 χ^2/NDF : 303992.1/5

In: 73.390+/-0.048 χ^2/NDF : 146582.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.050+/-0.033 χ^2/NDF : 303992.1/5

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -438.777+/-473.836 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.064+/-441.854 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

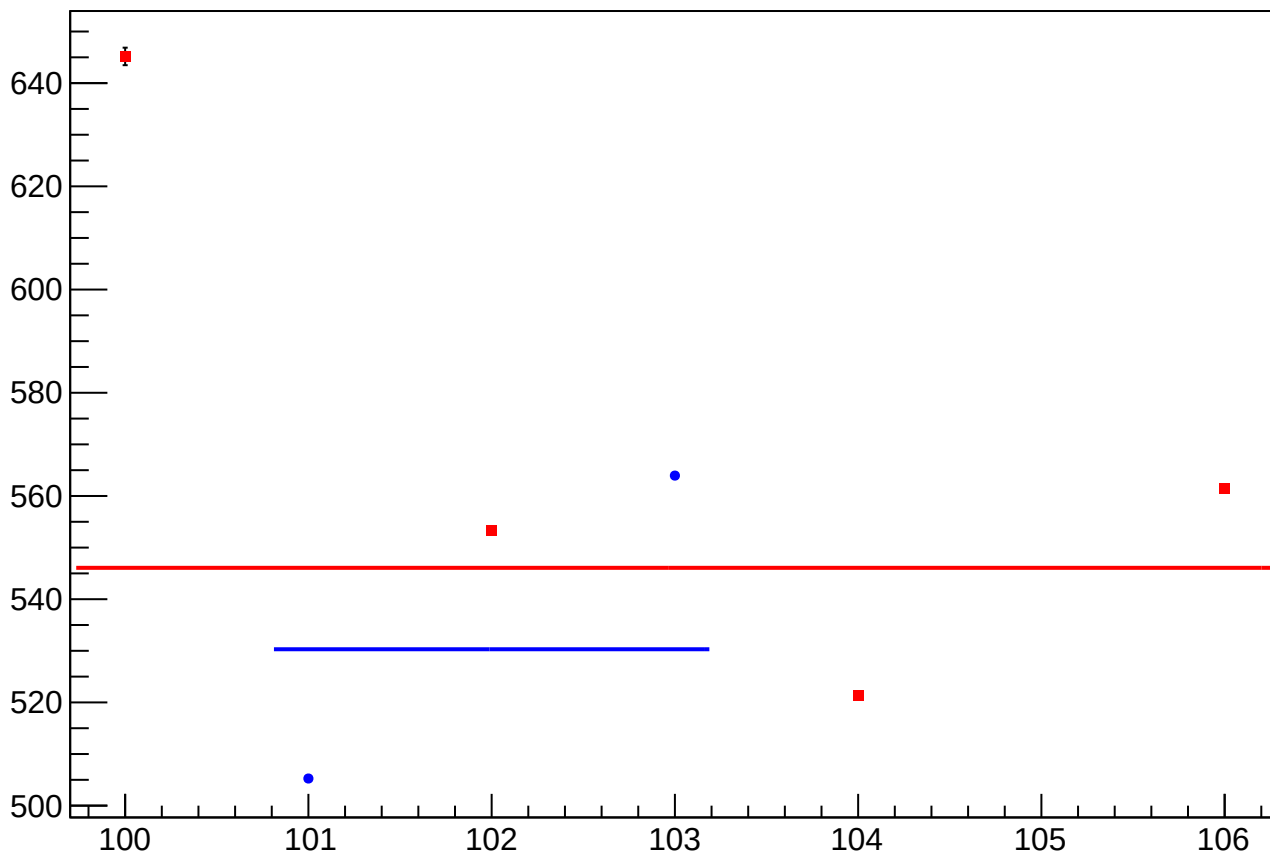
Right: 269.324+/-323.153 χ^2/NDF : 15.0/5

In: -438.777+/-473.836 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.324+/-323.153 χ^2/NDF : 15.0/5

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 530.301+/-0.335 χ^2/NDF : 7508.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.080+/-0.312 χ^2/NDF : 6379.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

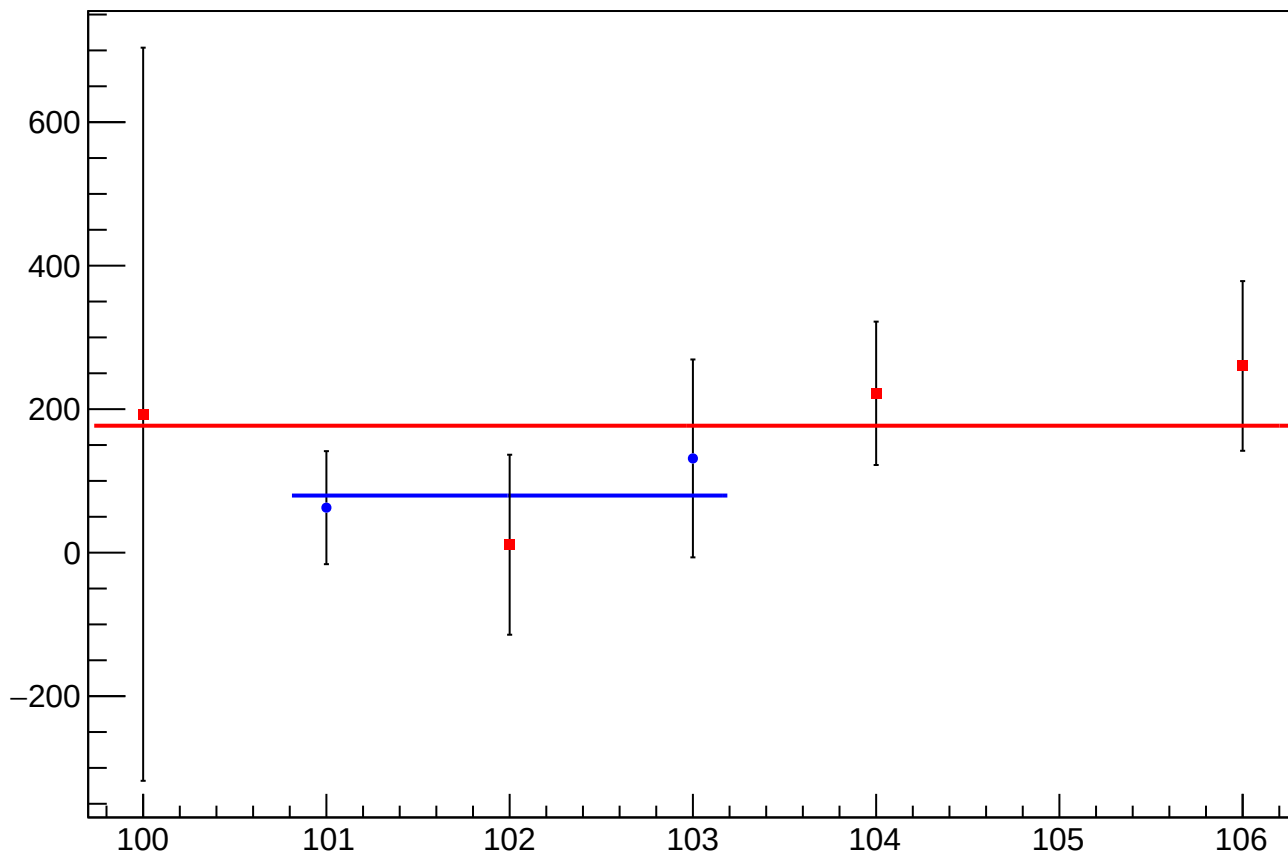
Right: 538.741+/-0.229 χ^2/NDF : 15073.7/5

In: 530.301+/-0.335 χ^2/NDF : 7508.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.741+/-0.229 χ^2/NDF : 15073.7/5

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.591 $\pm$ 68.399 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.925 $\pm$ 64.671 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

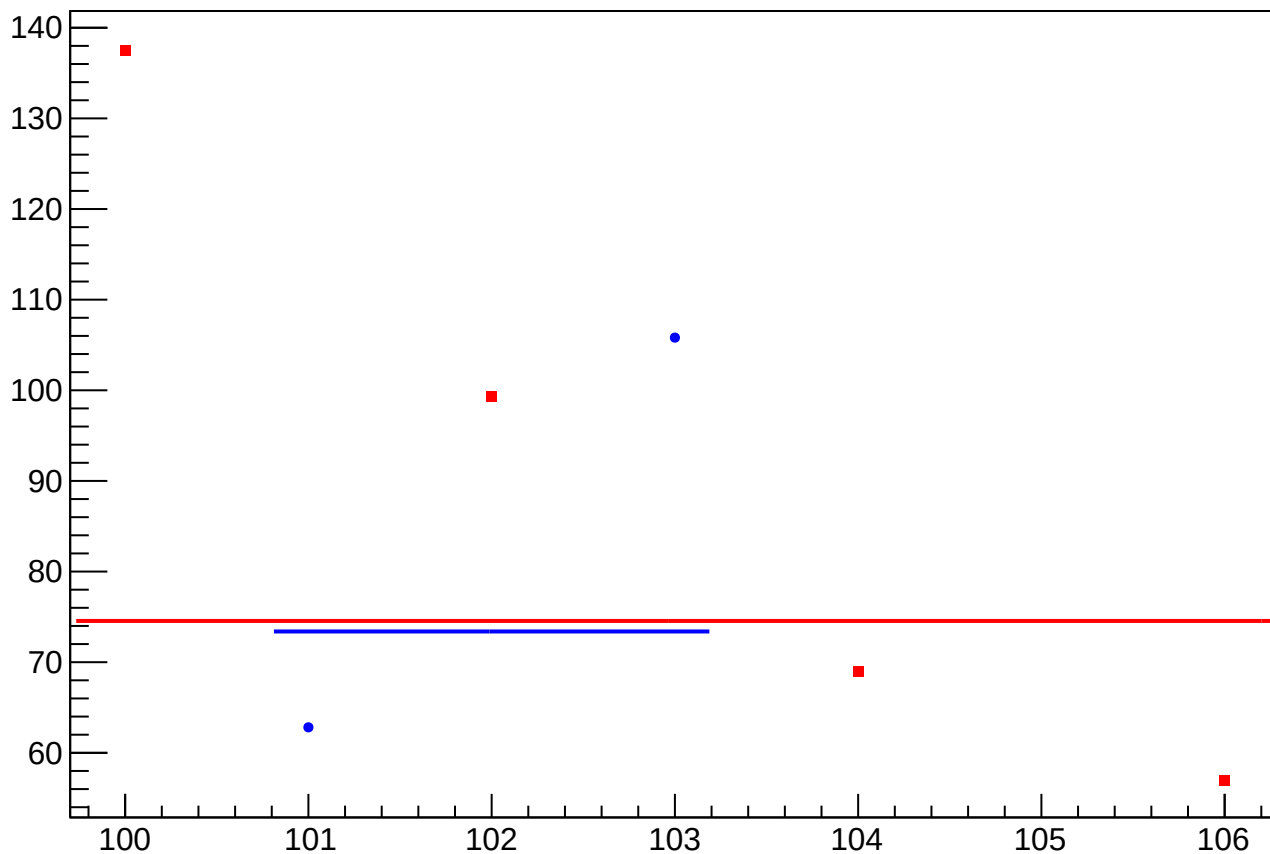
Right: 130.983 $\pm$ 46.992 χ^2 /NDF: 3.7/5

In: 79.591 $\pm$ 68.399 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.983 $\pm$ 46.992 χ^2 /NDF: 3.7/5

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.551+/-0.046 χ^2/NDF : 158883.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

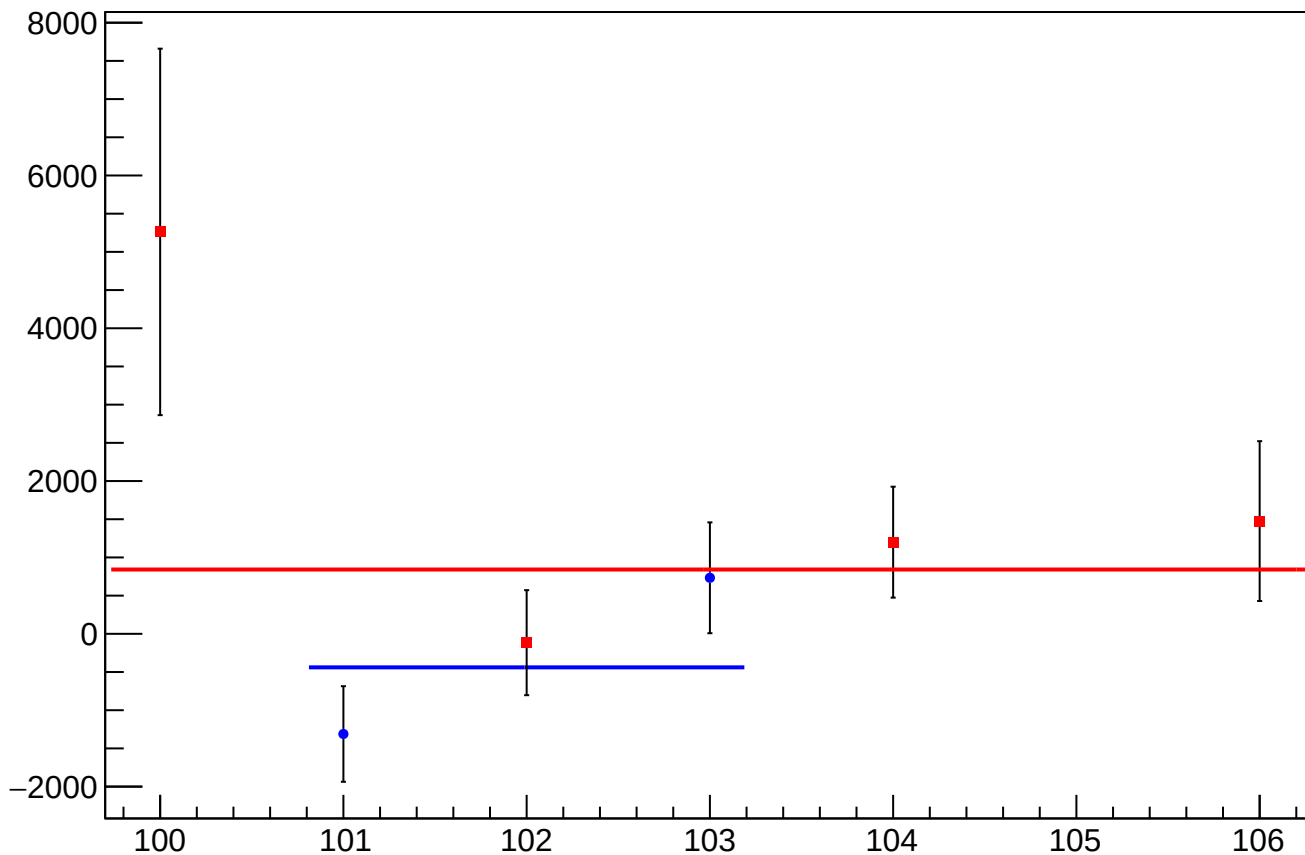
Right: 74.003+/-0.033 χ^2/NDF : 305773.4/5

In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.003+/-0.033 χ^2/NDF : 305773.4/5

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -438.901+/-473.856 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.865+/-442.798 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

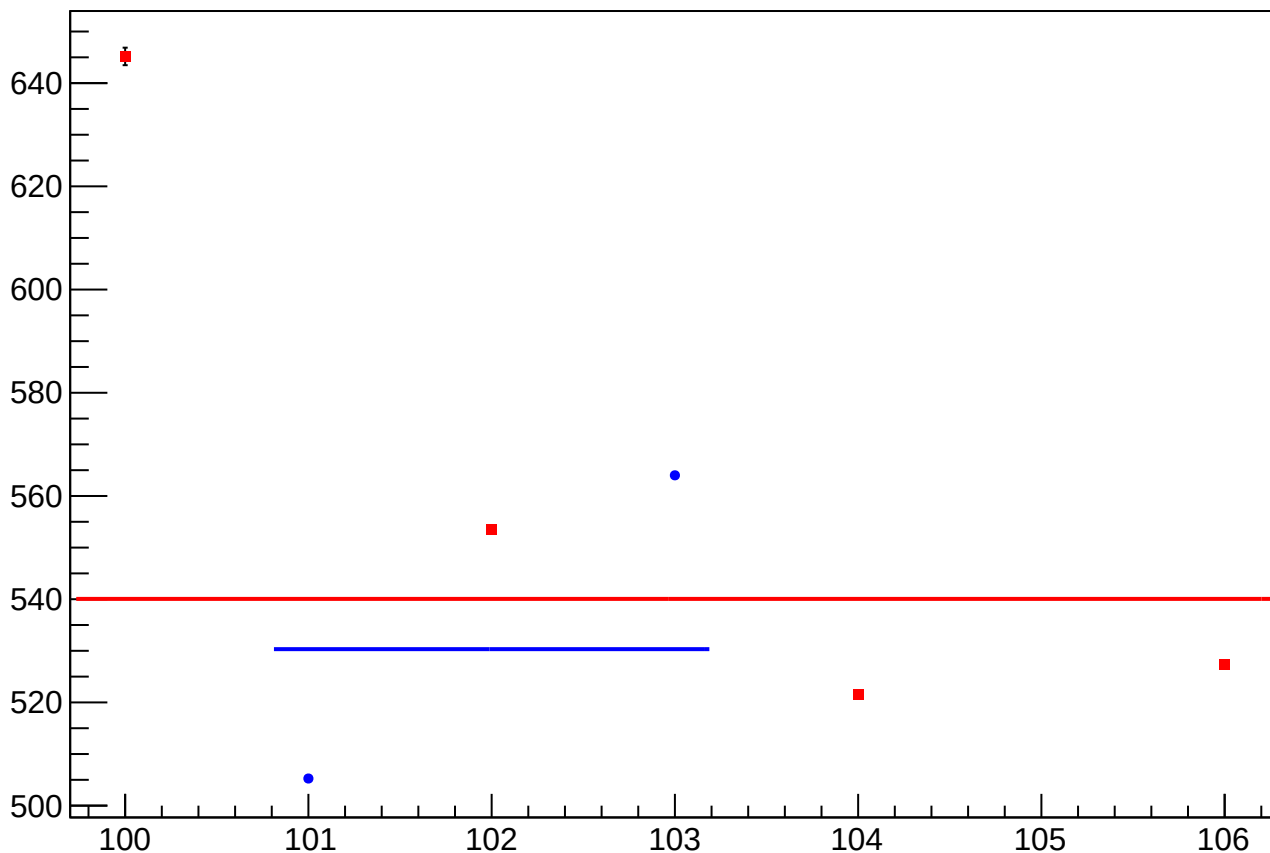
Right: 244.827+/-323.528 χ^2/NDF : 14.4/5

In: -438.901+/-473.856 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.827+/-323.528 χ^2/NDF : 14.4/5

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.059+/-0.313 χ^2/NDF : 6225.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

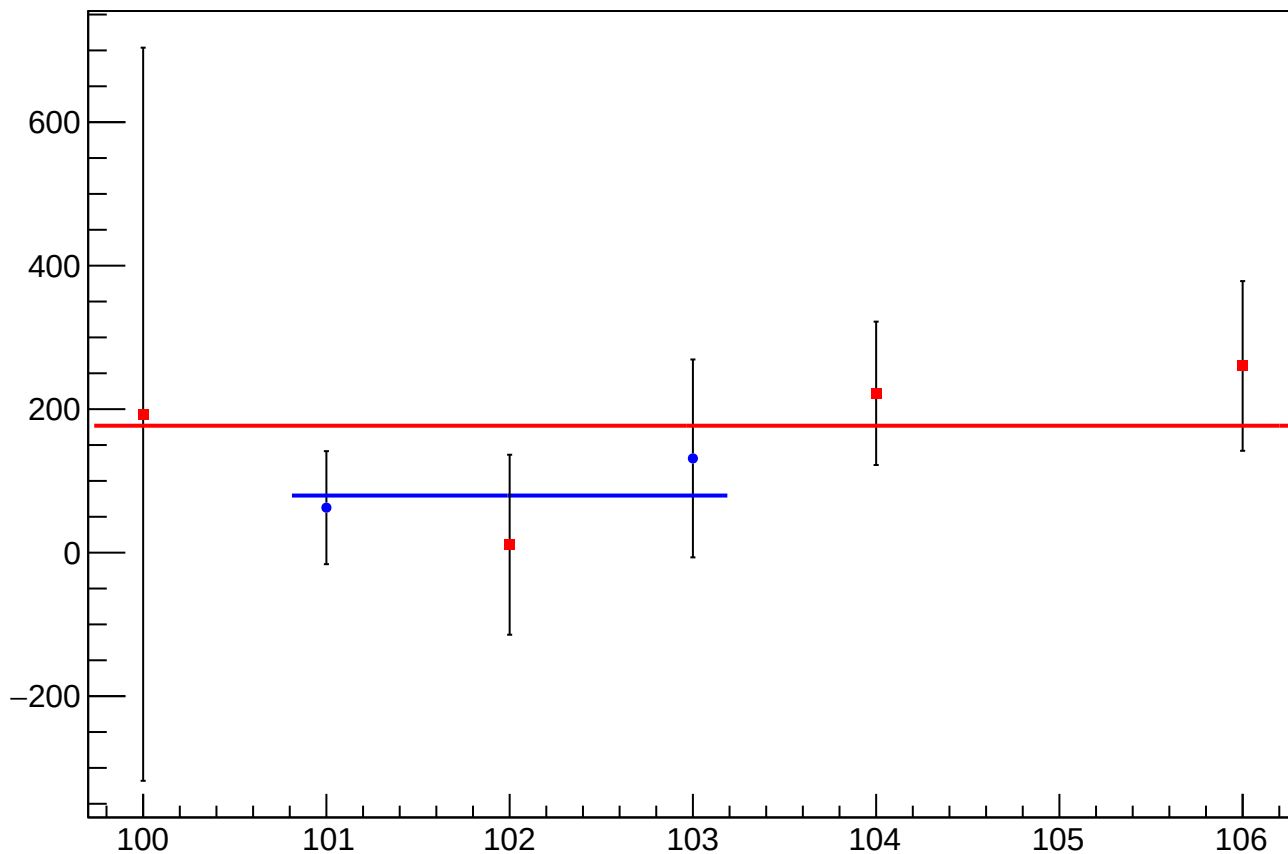
Right: 535.520+/-0.229 χ^2/NDF : 14197.2/5

In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.520+/-0.229 χ^2/NDF : 14197.2/5

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.925+/-64.671 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

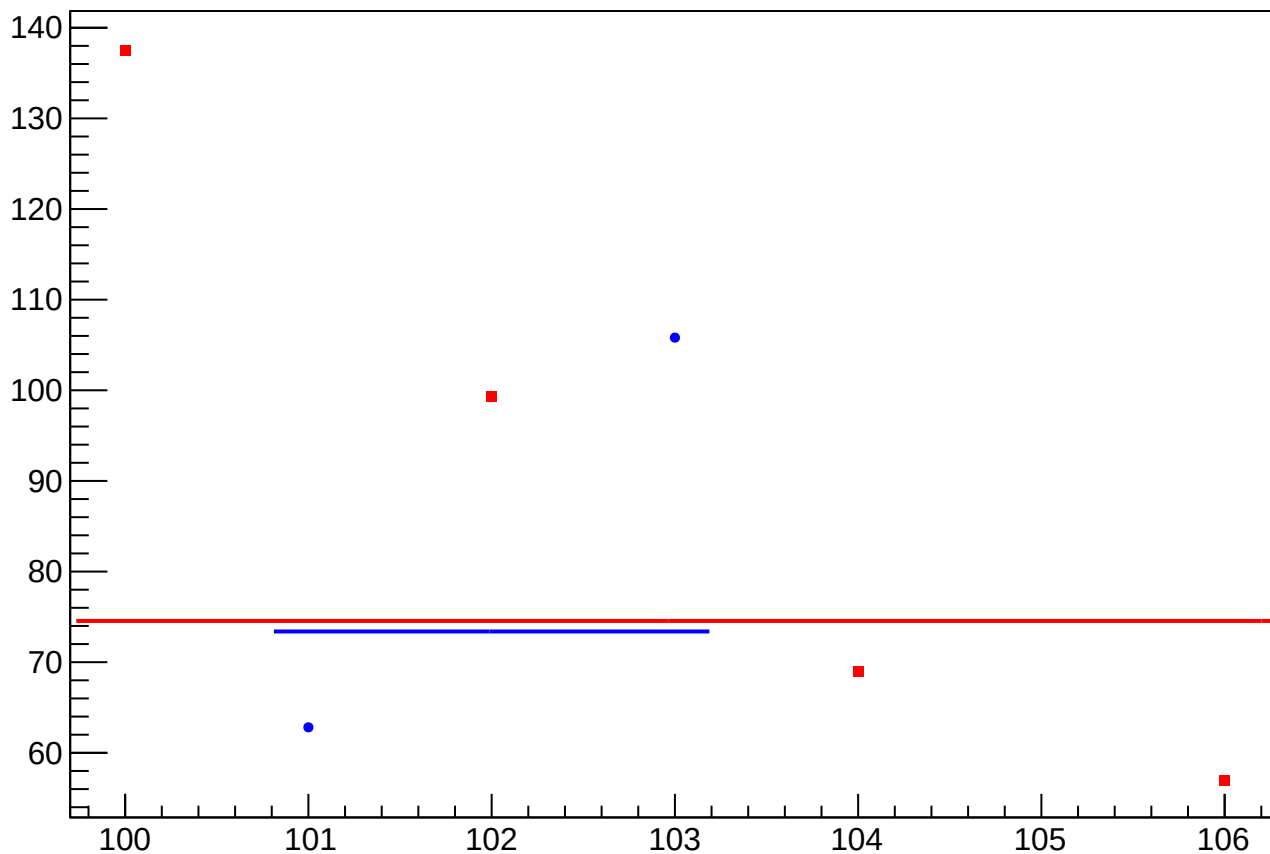
Right: 130.983+/-46.992 χ^2/NDF : 3.7/5

In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.983+/-46.992 χ^2/NDF : 3.7/5

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.551+/-0.046 χ^2/NDF : 158883.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

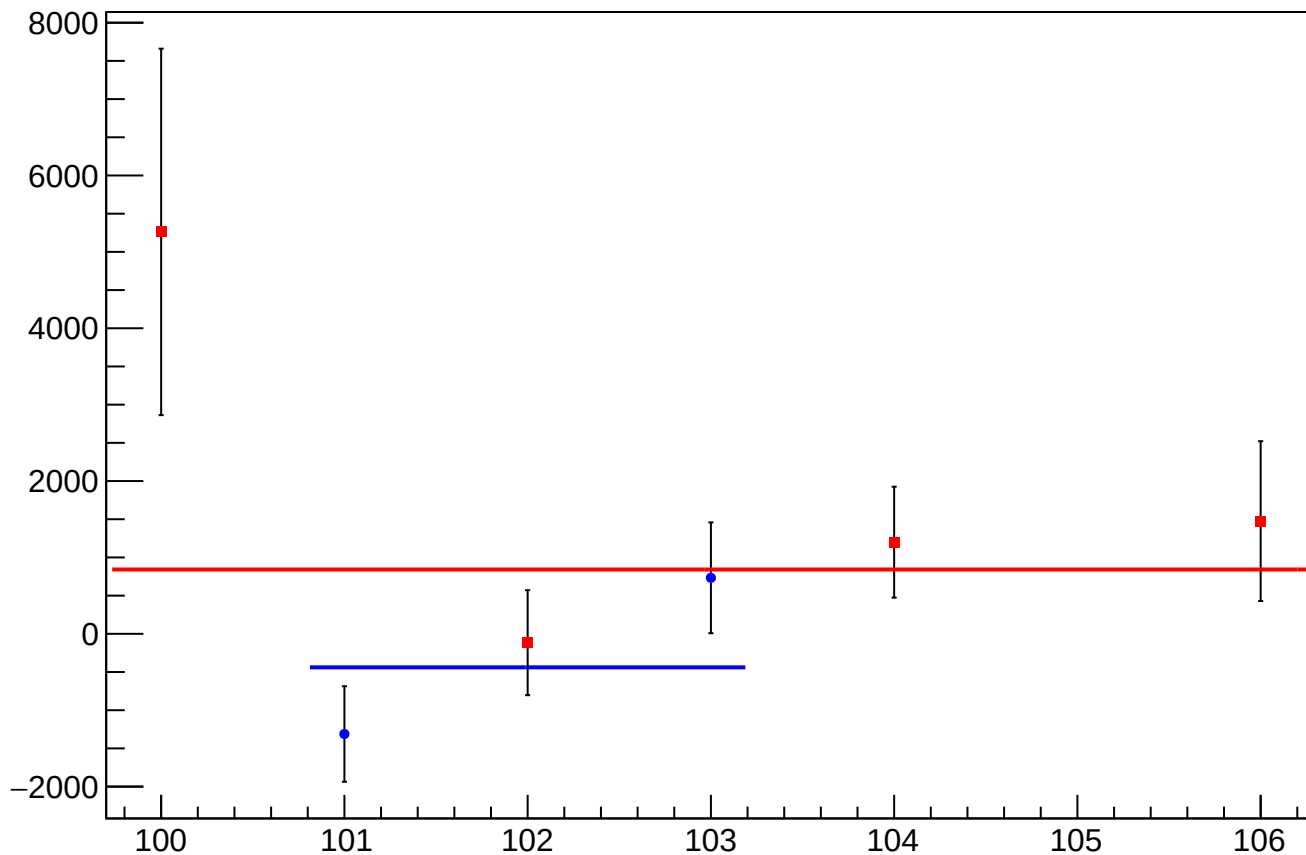
Right: 74.003+/-0.033 χ^2/NDF : 305773.4/5

In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.003+/-0.033 χ^2/NDF : 305773.4/5

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -438.901+/-473.856 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 841.865+/-442.798 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

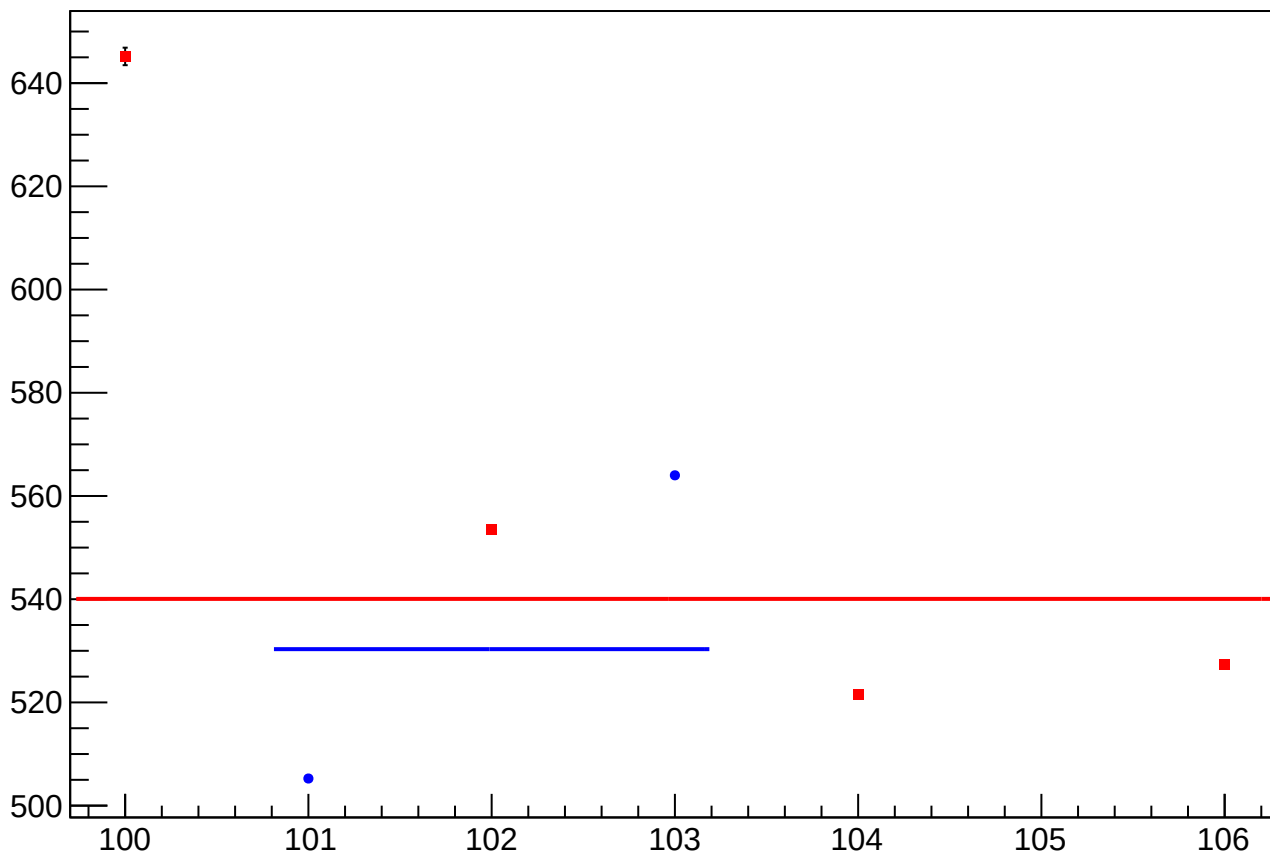
Right: 244.827+/-323.528 χ^2/NDF : 14.4/5

In: -438.901+/-473.856 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.827+/-323.528 χ^2/NDF : 14.4/5

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.059+/-0.313 χ^2/NDF : 6225.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

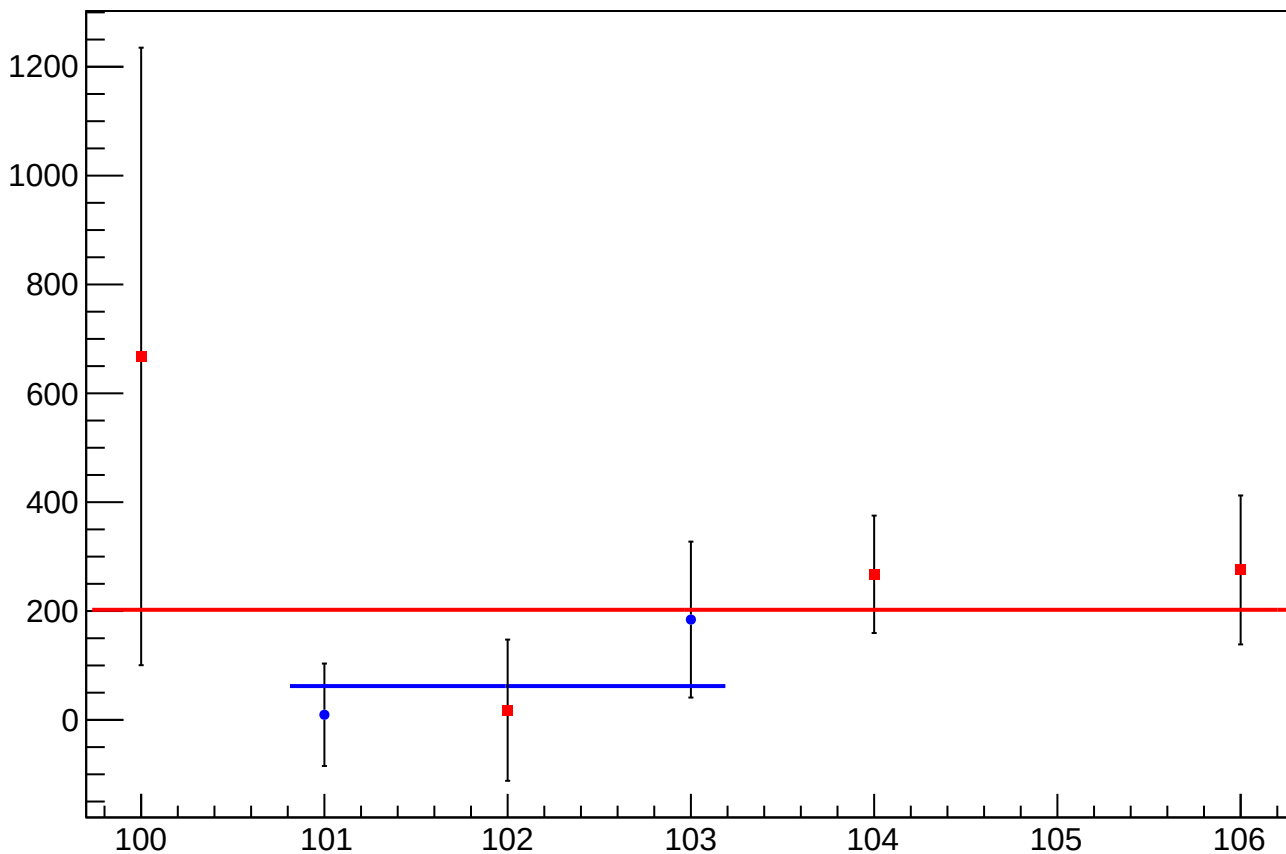
Right: 535.520+/-0.229 χ^2/NDF : 14197.2/5

In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.520+/-0.229 χ^2/NDF : 14197.2/5

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.140+/-78.660 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.277+/-70.380 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

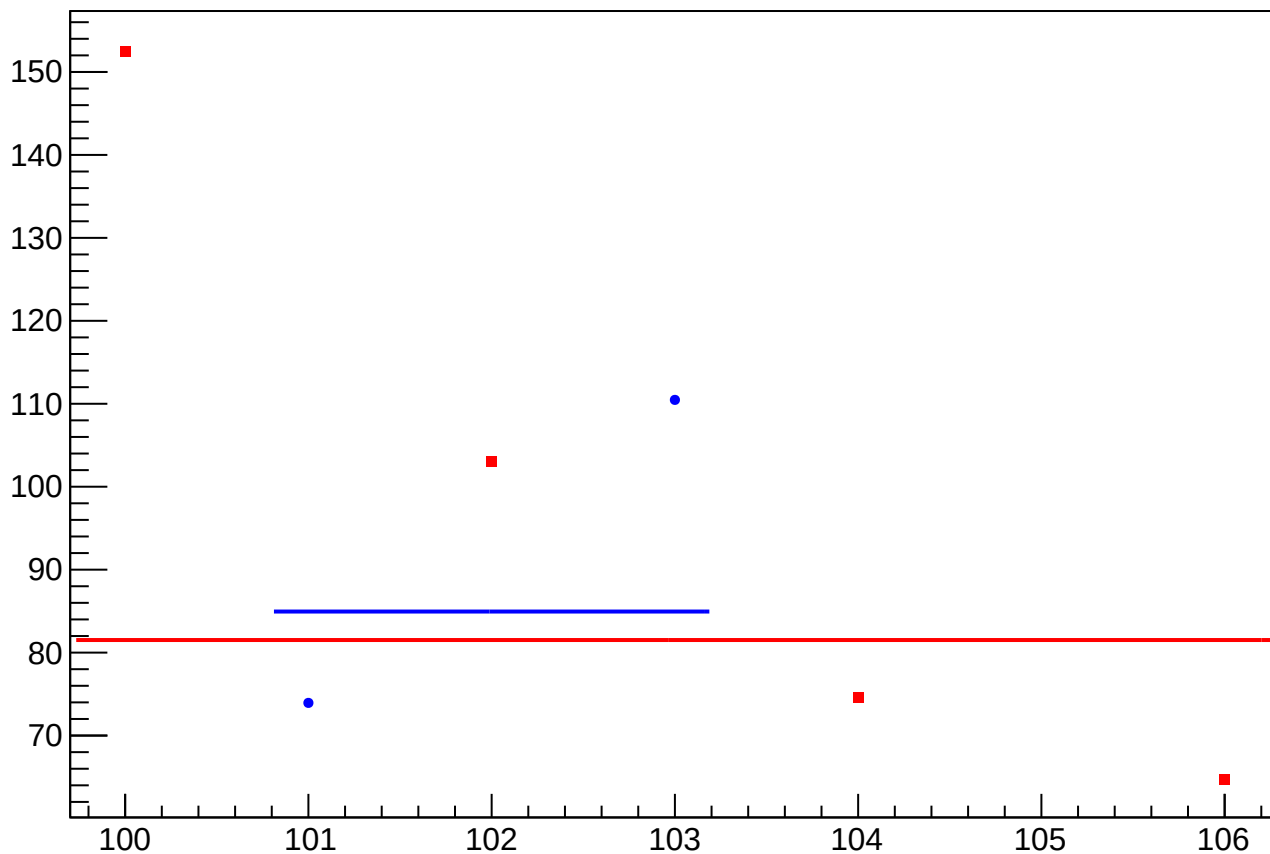
Right: 139.969+/-52.450 χ^2/NDF : 6.2/5

In: 62.140+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.969+/-52.450 χ^2/NDF : 6.2/5

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90832.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.517 $\pm$ 0.050 χ^2 /NDF: 125100.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

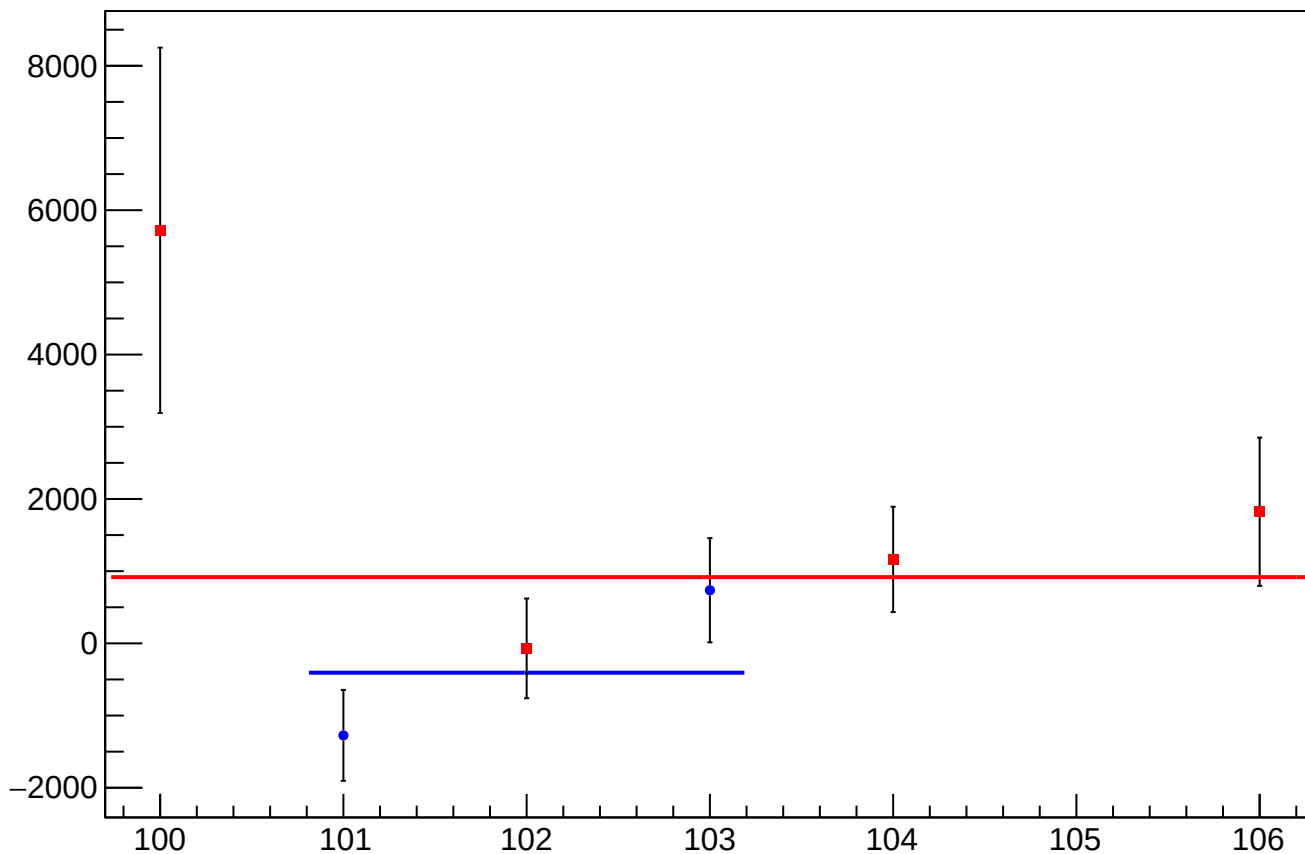
Right: 83.044 $\pm$ 0.037 χ^2 /NDF: 218050.7/5

In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90832.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.044 $\pm$ 0.037 χ^2 /NDF: 218050.7/5

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -406.177+/-474.326 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 917.468+/-443.593 χ^2/NDF : 6.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

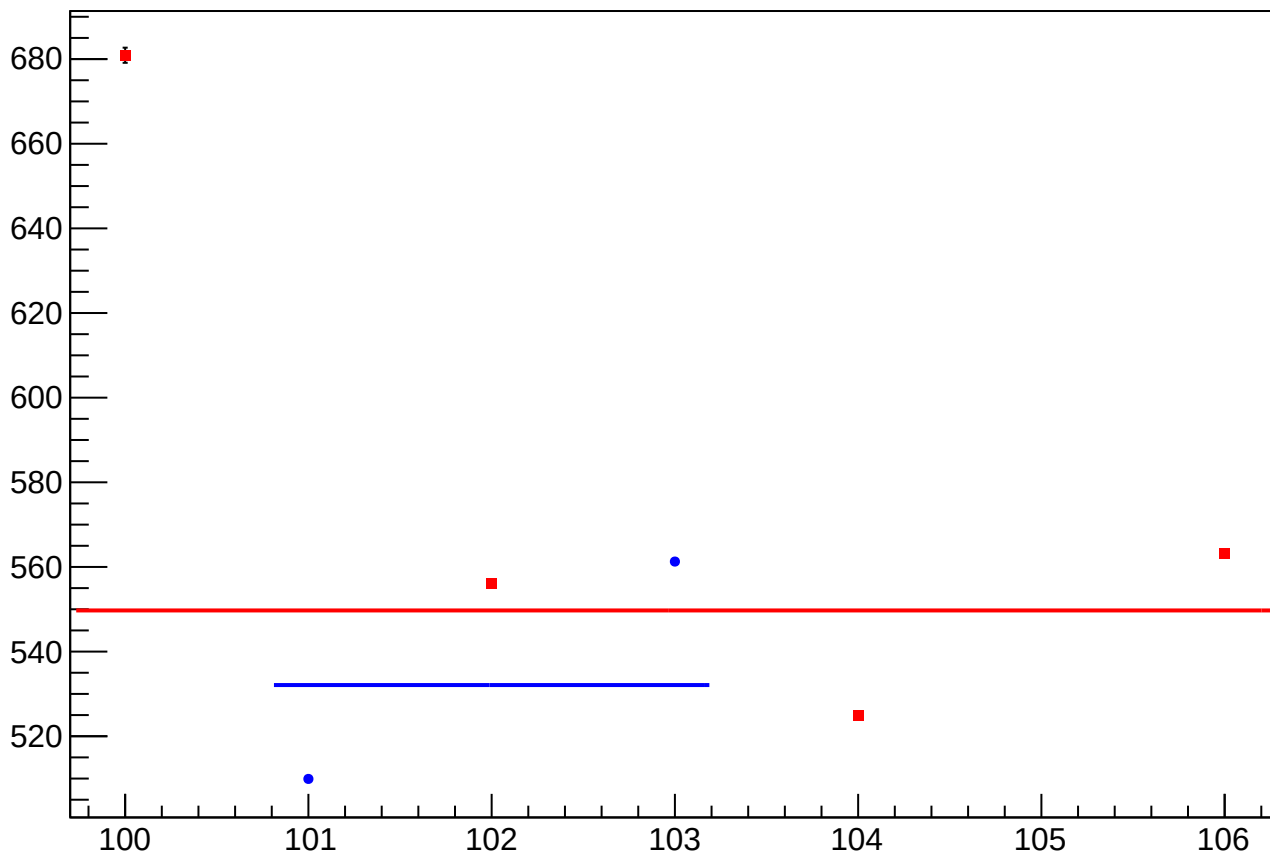
Right: 299.912+/-323.988 χ^2/NDF : 15.1/5

In: -406.177+/-474.326 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.912+/-323.988 χ^2/NDF : 15.1/5

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.095 ± 0.335 $\chi^2/\text{NDF}: 5752.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 549.723 ± 0.314 $\chi^2/\text{NDF}: 8200.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

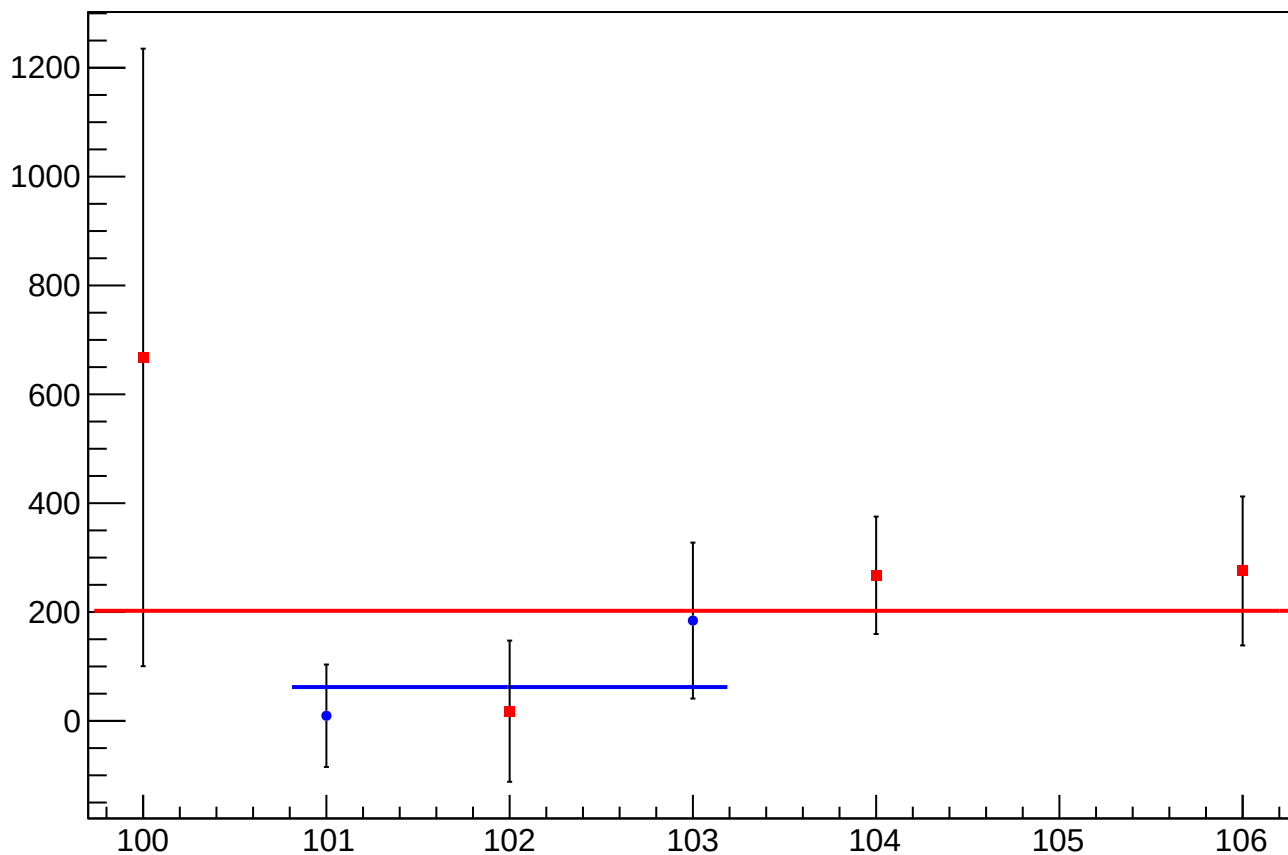
Right: 541.498 ± 0.229 $\chi^2/\text{NDF}: 15426.5/5$

In: 532.095 ± 0.335 $\chi^2/\text{NDF}: 5752.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 541.498 ± 0.229 $\chi^2/\text{NDF}: 15426.5/5$

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 62.142+/-78.660 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.277+/-70.380 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

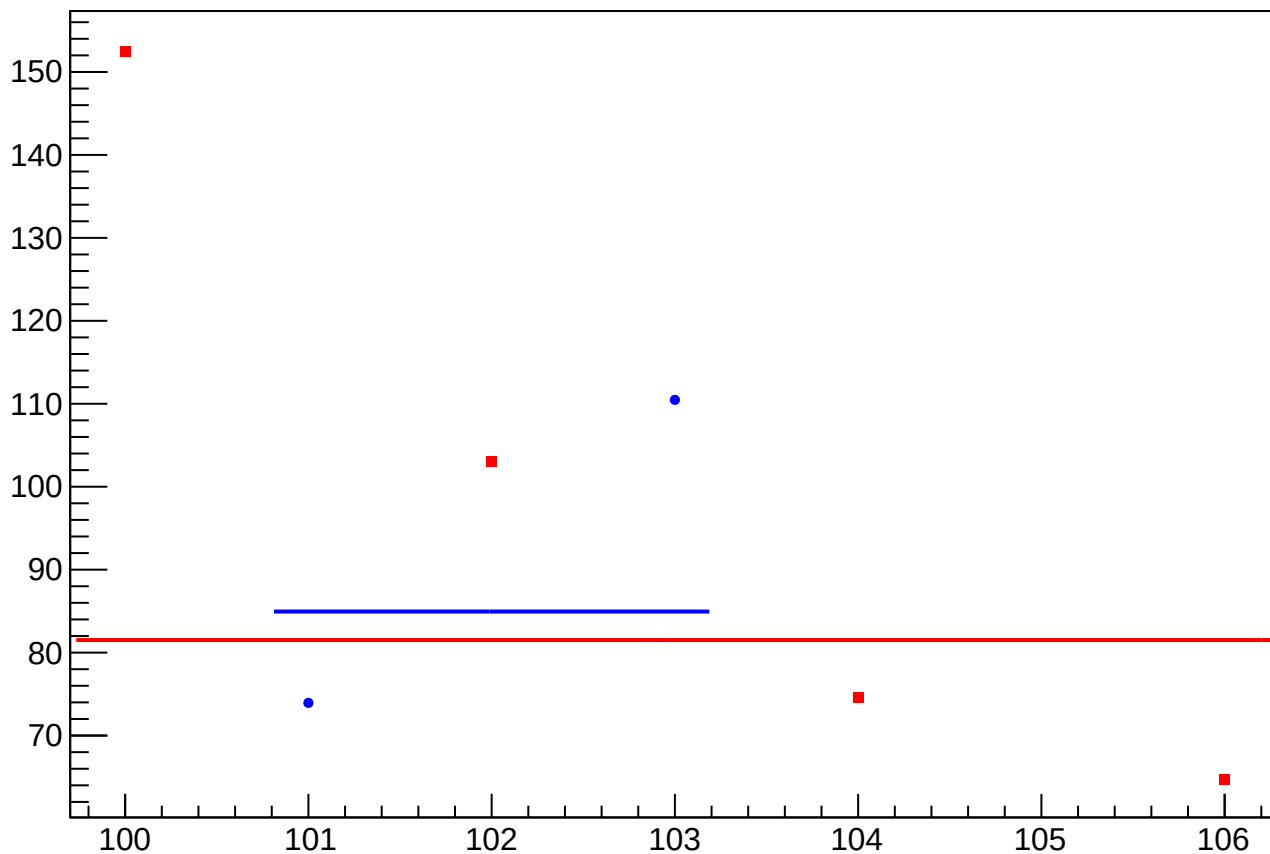
Right: 139.970+/-52.450 χ^2/NDF : 6.2/5

In: 62.142+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.970+/-52.450 χ^2/NDF : 6.2/5

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.952+/-0.056 χ^2/NDF : 90830.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.517+/-0.050 χ^2/NDF : 125099.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

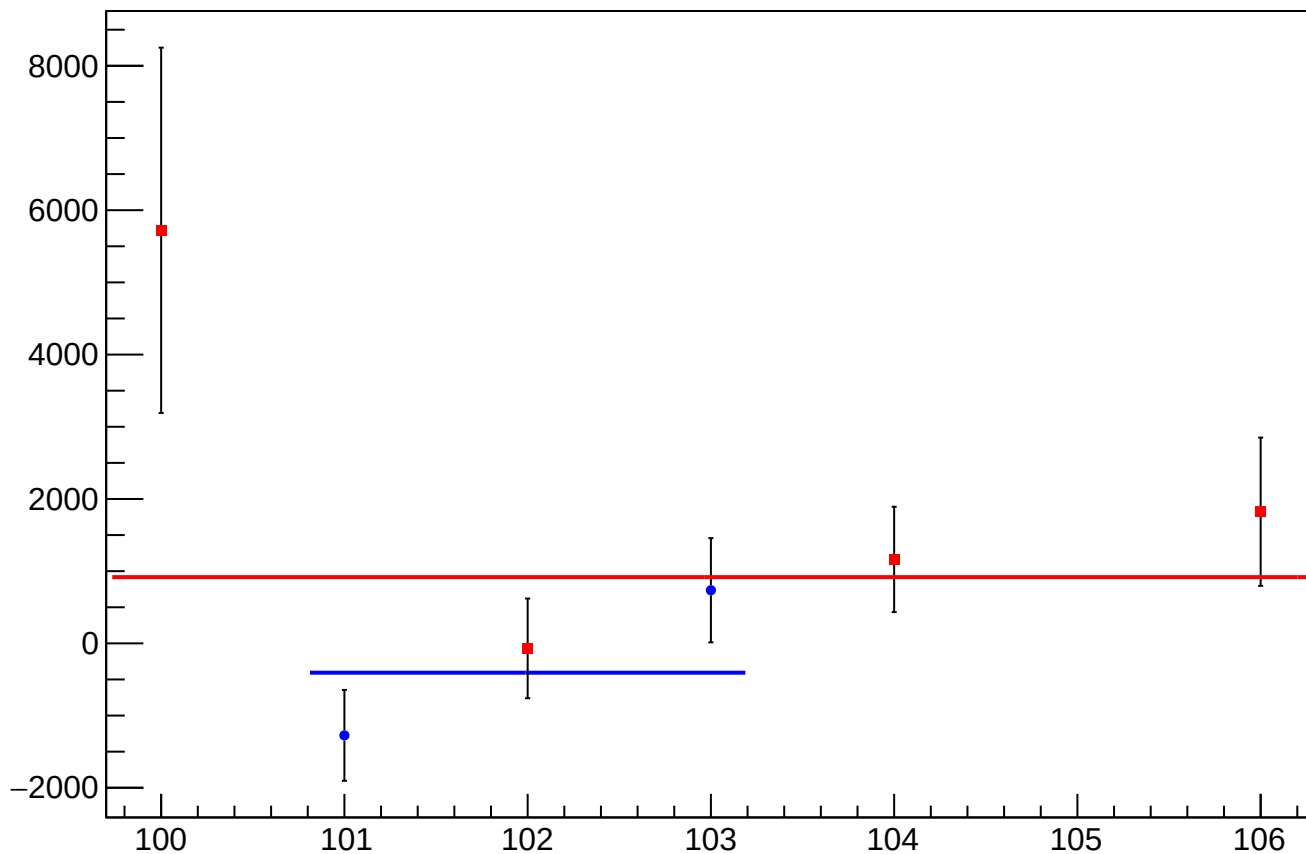
Right: 83.045+/-0.037 χ^2/NDF : 218047.9/5

In: 84.952+/-0.056 χ^2/NDF : 90830.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.045+/-0.037 χ^2/NDF : 218047.9/5

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -406.177+/-474.325 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 917.469+/-443.593 χ^2/NDF : 6.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

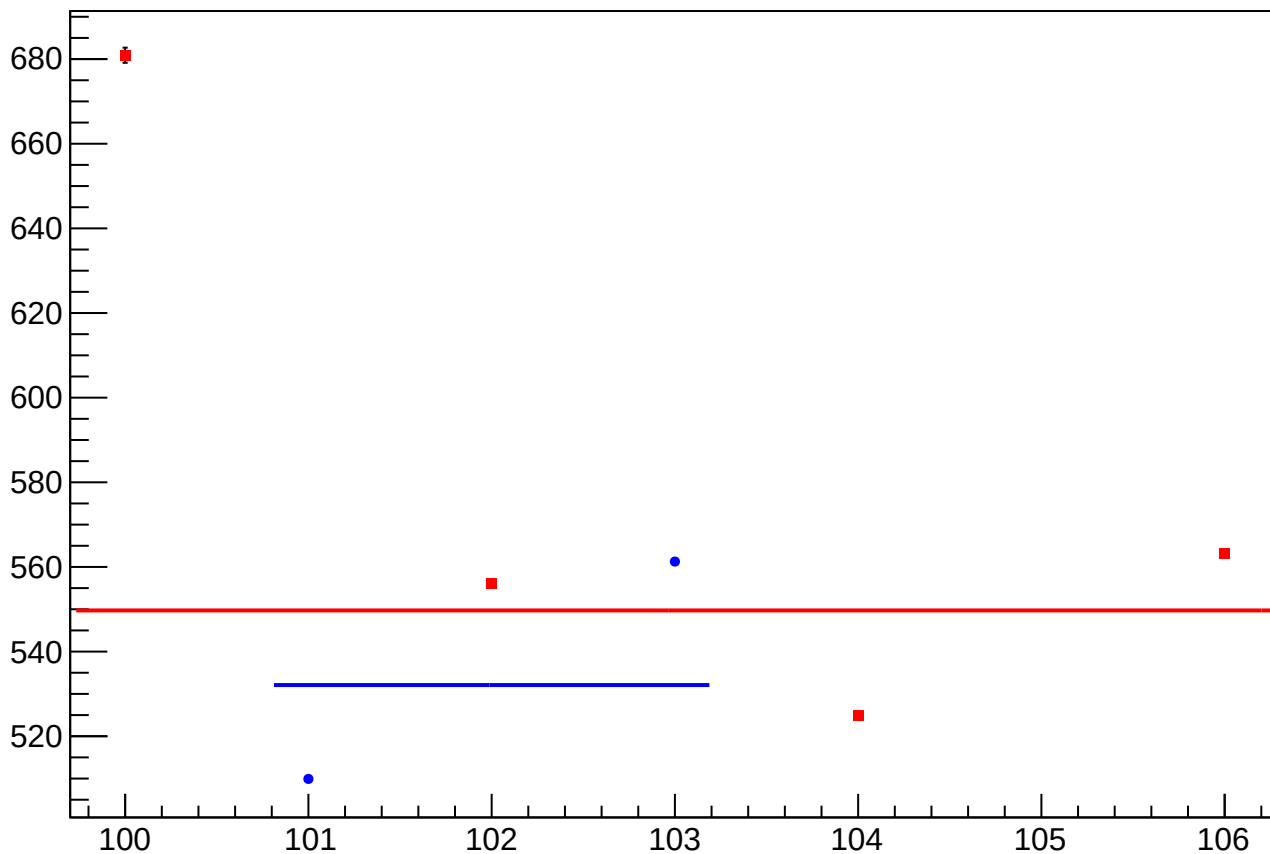
Right: 299.912+/-323.988 χ^2/NDF : 15.1/5

In: -406.177+/-474.325 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.912+/-323.988 χ^2/NDF : 15.1/5

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.095+/-0.335 χ^2/NDF : 5753.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.723+/-0.314 χ^2/NDF : 8199.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

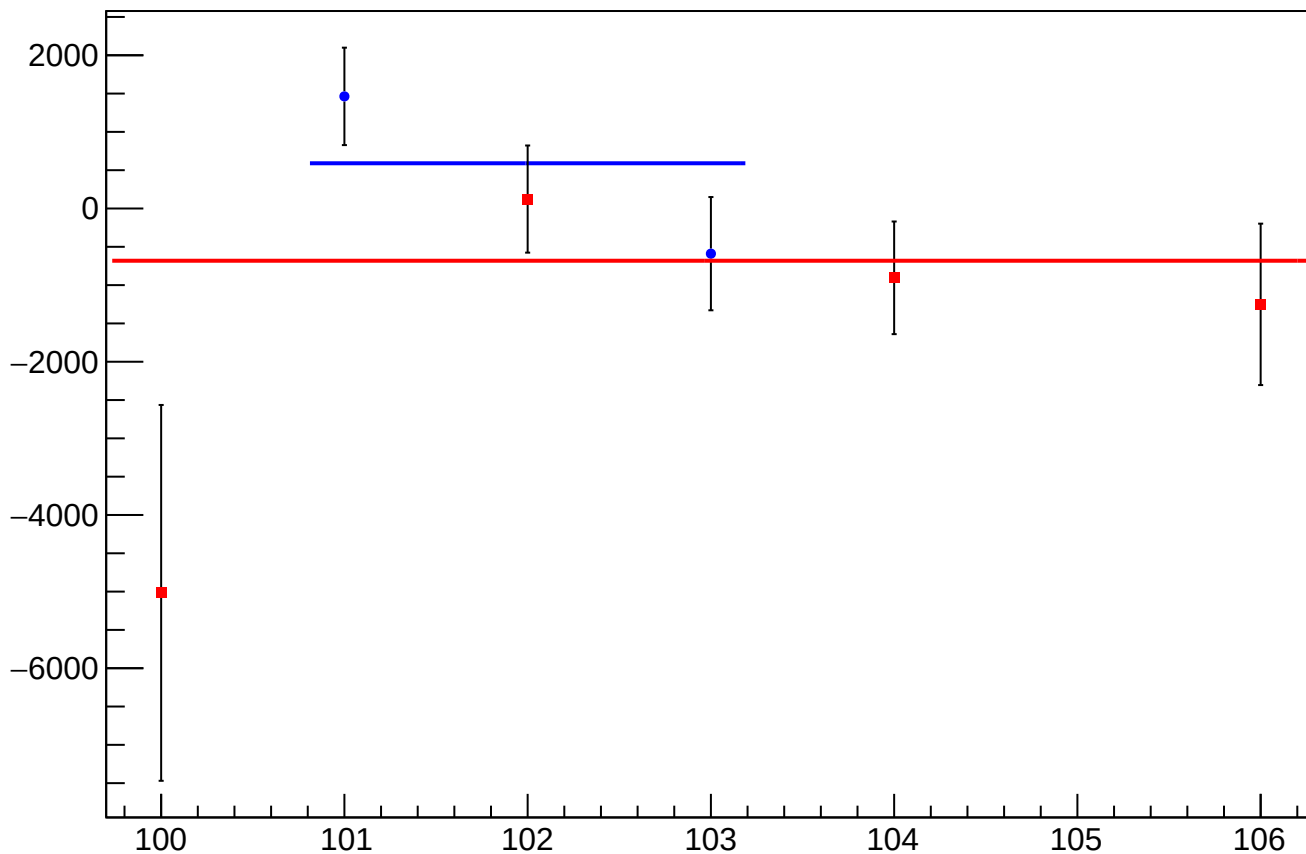
Right: 541.498+/-0.229 χ^2/NDF : 15426.5/5

In: 532.095+/-0.335 χ^2/NDF : 5753.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.498+/-0.229 χ^2/NDF : 15426.5/5

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 590.288+/-481.970 χ^2/NDF : 4.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -681.799+/-448.840 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

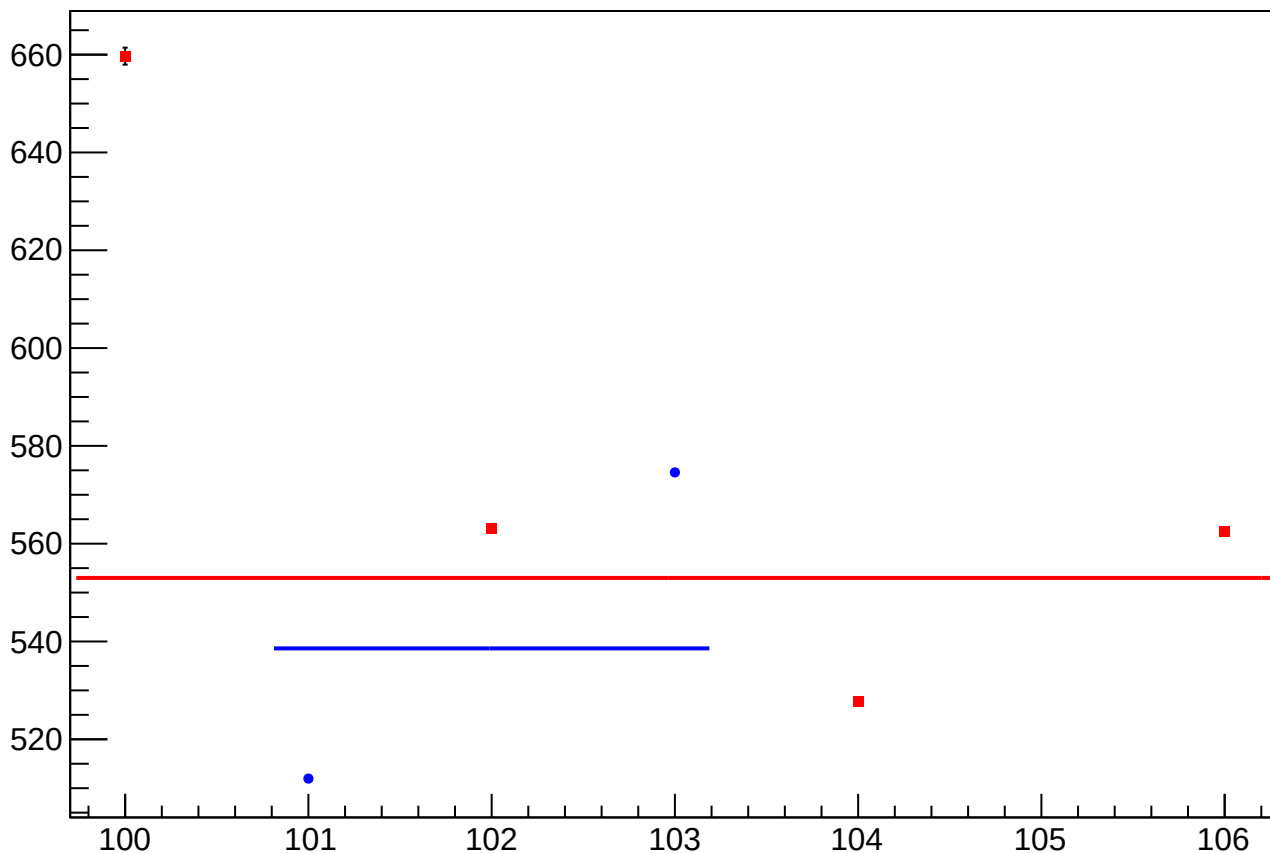
Right: -90.976+/-328.466 χ^2/NDF : 13.0/5

In: 590.288+/-481.970 χ^2/NDF :4.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -90.976+/-328.466 χ^2/NDF : 13.0/5

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 538.588+/-0.341 χ^2/NDF : 8250.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.997+/-0.317 χ^2/NDF : 6715.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

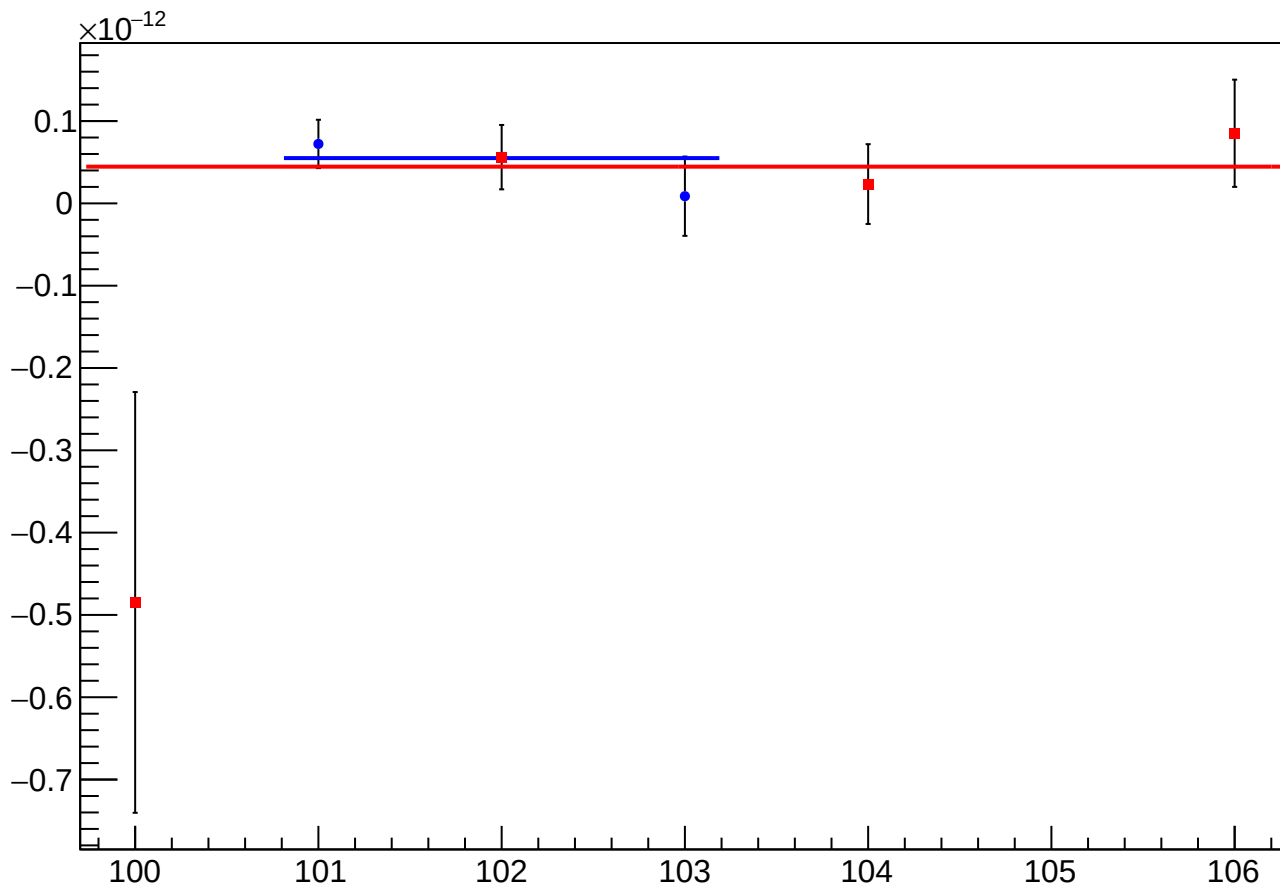
Right: 546.305+/-0.232 χ^2/NDF : 15922.6/5

In: 538.588+/-0.341 χ^2/NDF : 8250.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.305+/-0.232 χ^2/NDF : 15922.6/5

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

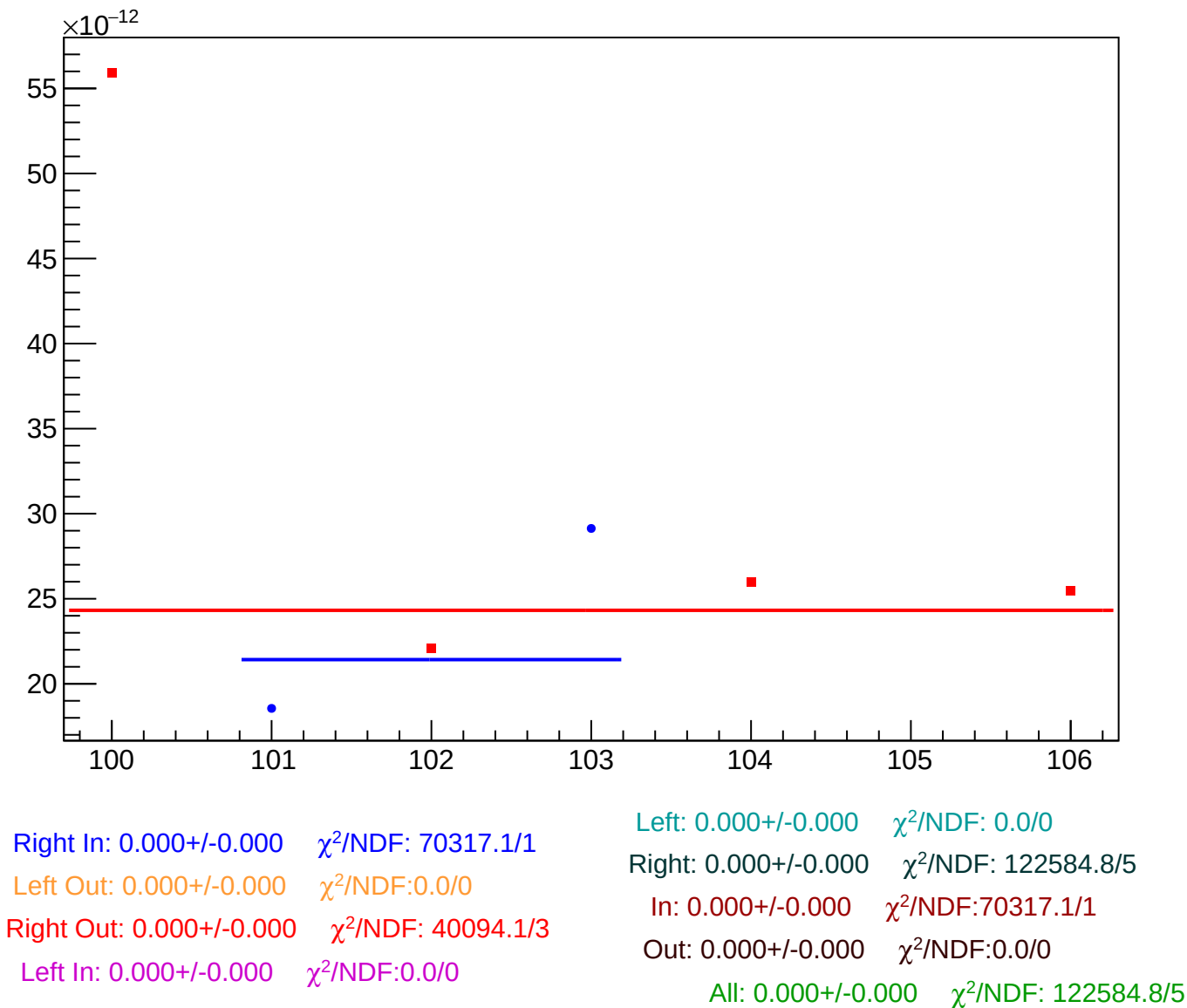
Right: 0.000+/-0.000 χ^2/NDF : 6.3/5

In: 0.000+/-0.000 χ^2/NDF : 1.3/1

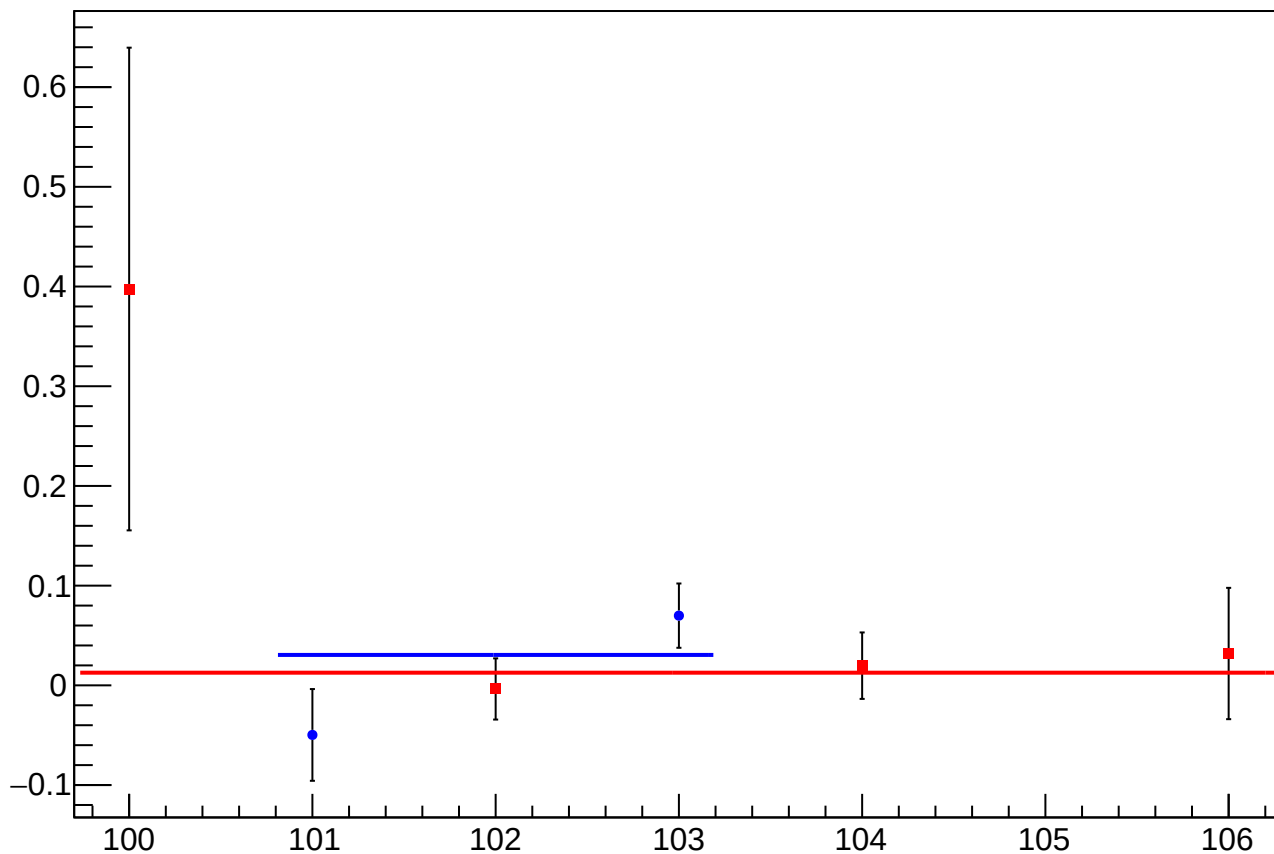
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.3/5

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.021 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

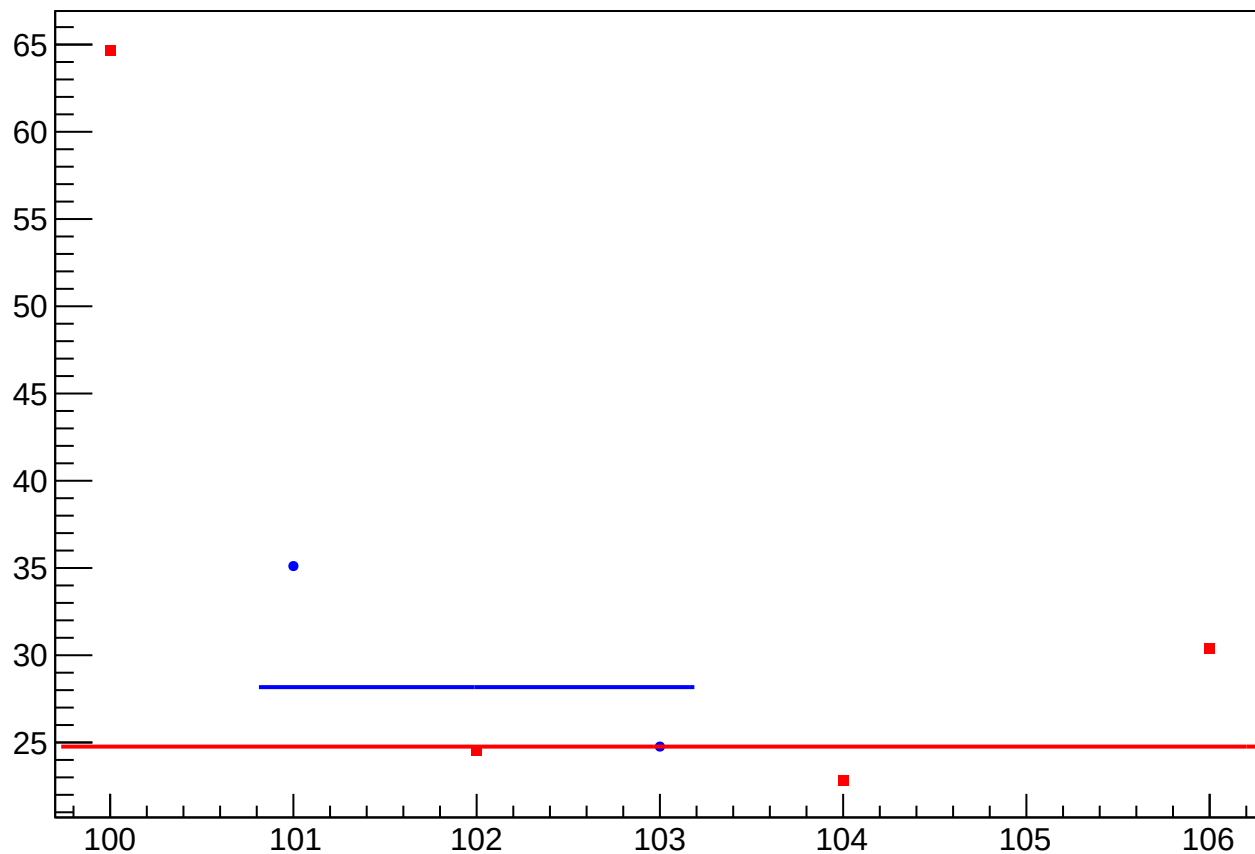
Right: 0.020+/-0.017 χ^2/NDF : 7.8/5

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 7.8/5

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.172 $\pm$ 0.019 χ^2 /NDF: 67841.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.764 $\pm$ 0.015 χ^2 /NDF: 75713.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

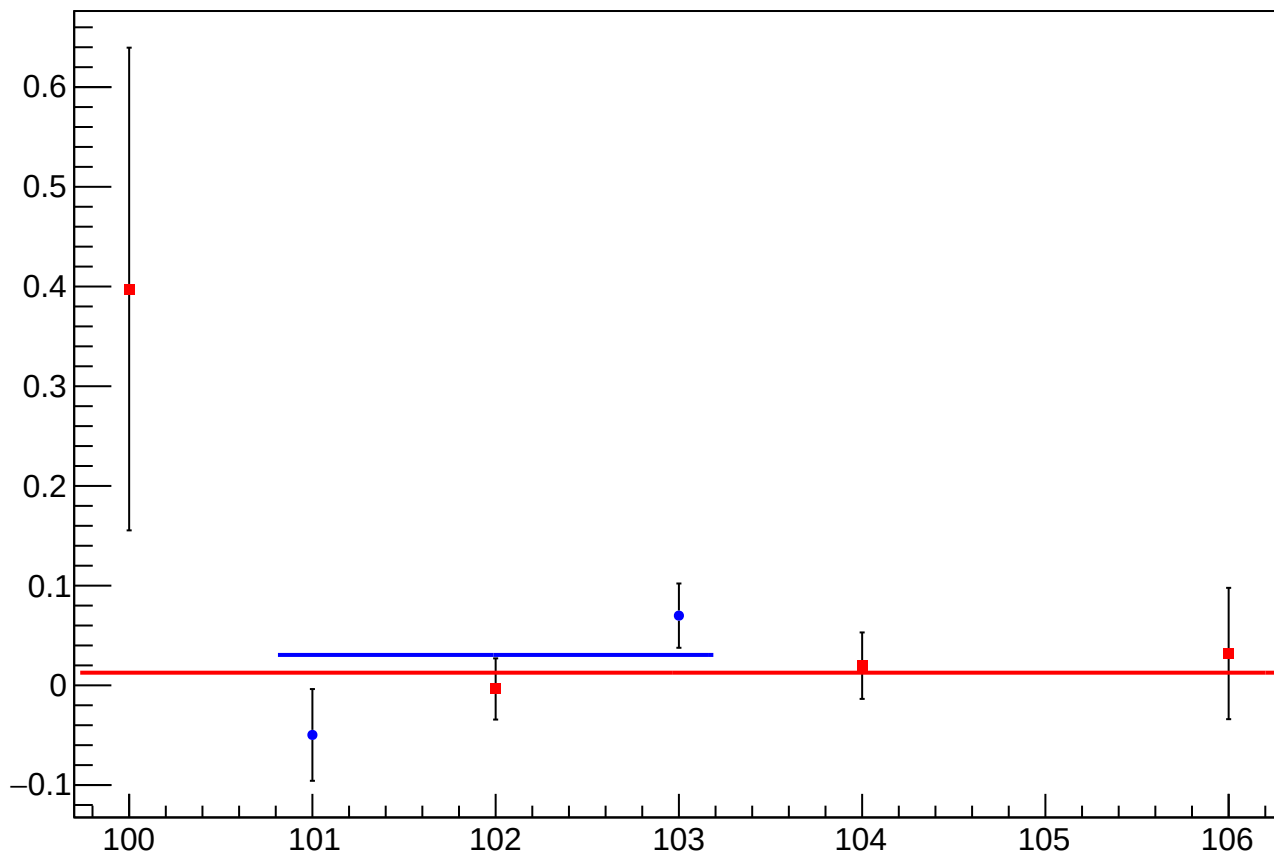
Right: 26.106 $\pm$ 0.012 χ^2 /NDF: 163763.9/5

In: 28.172 $\pm$ 0.019 χ^2 /NDF: 67841.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.106 $\pm$ 0.012 χ^2 /NDF: 163763.9/5

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.021 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

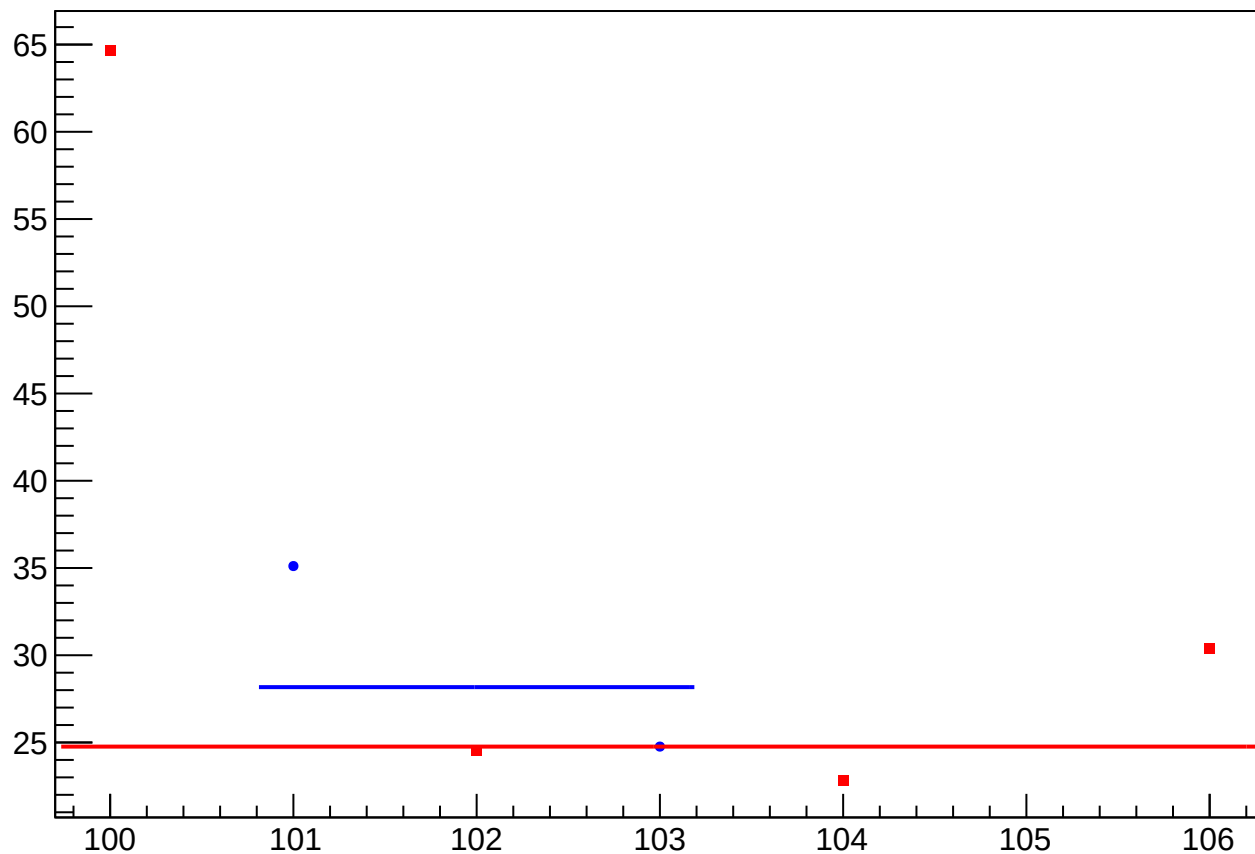
Right: 0.020+/-0.017 χ^2/NDF : 7.8/5

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 7.8/5

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.172 ± 0.019 $\chi^2/\text{NDF}: 67841.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 24.764 ± 0.015 $\chi^2/\text{NDF}: 75713.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

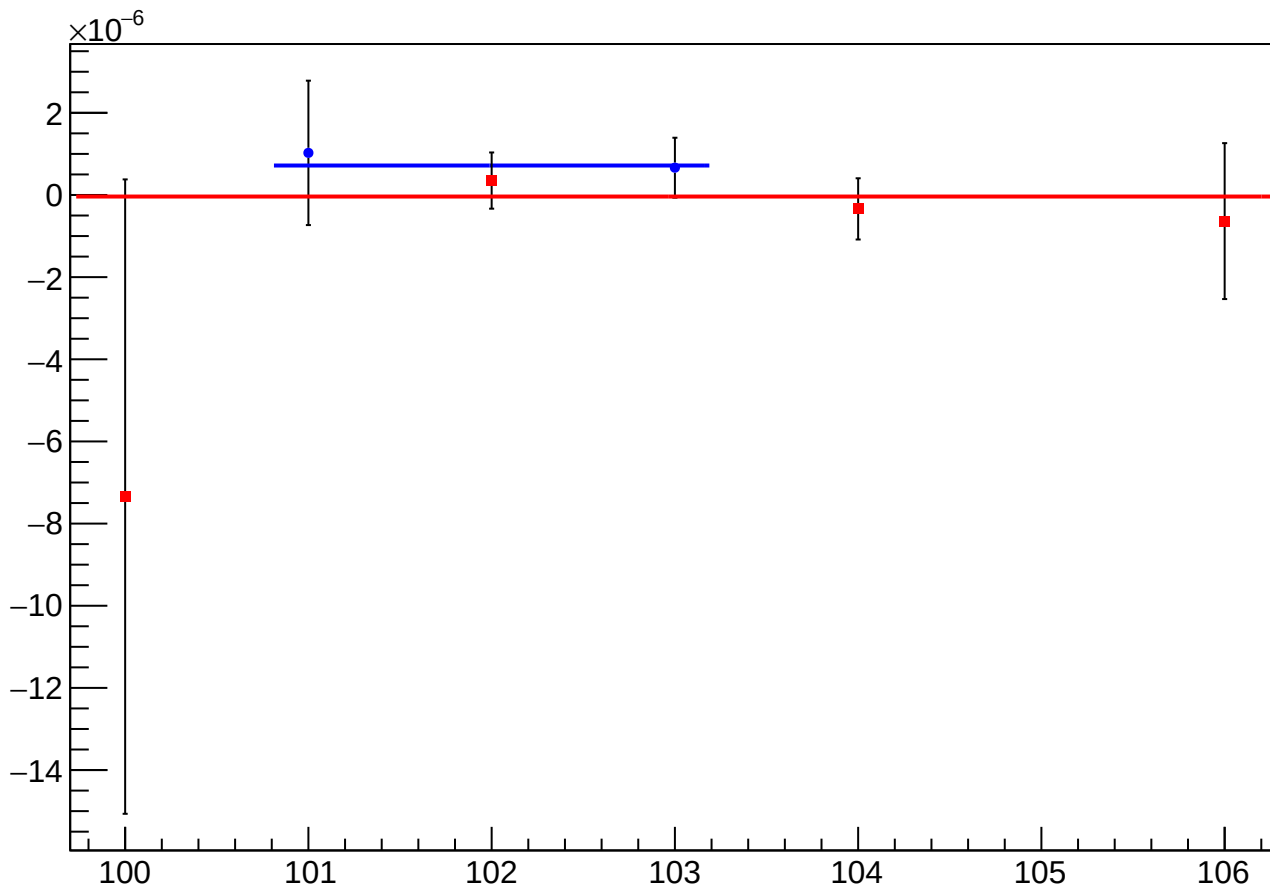
Right: 26.106 ± 0.012 $\chi^2/\text{NDF}: 163763.9/5$

In: 28.172 ± 0.019 $\chi^2/\text{NDF}: 67841.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 26.106 ± 0.012 $\chi^2/\text{NDF}: 163763.9/5$

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

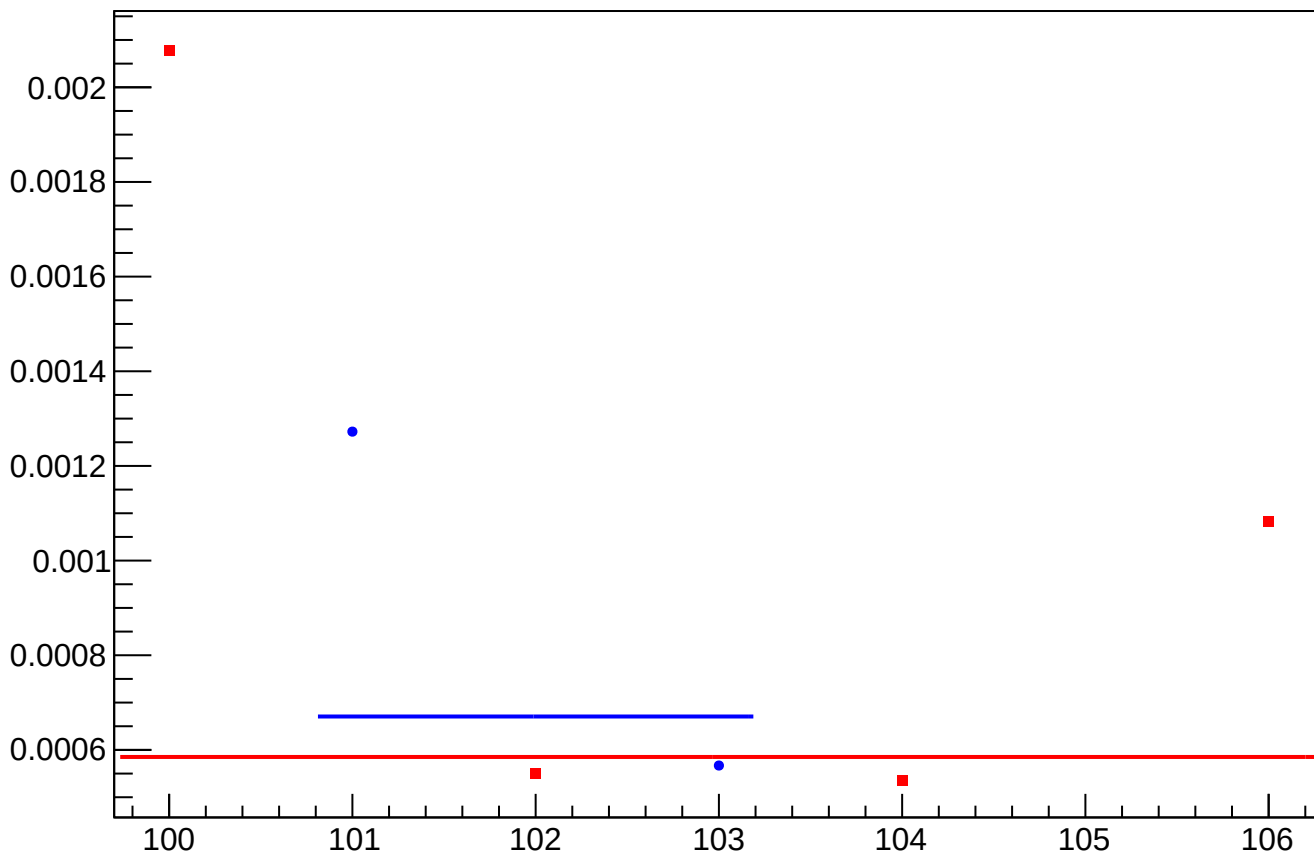
Right: 0.000+/-0.000 χ^2/NDF : 2.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.3/5

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 274881.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 226294.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

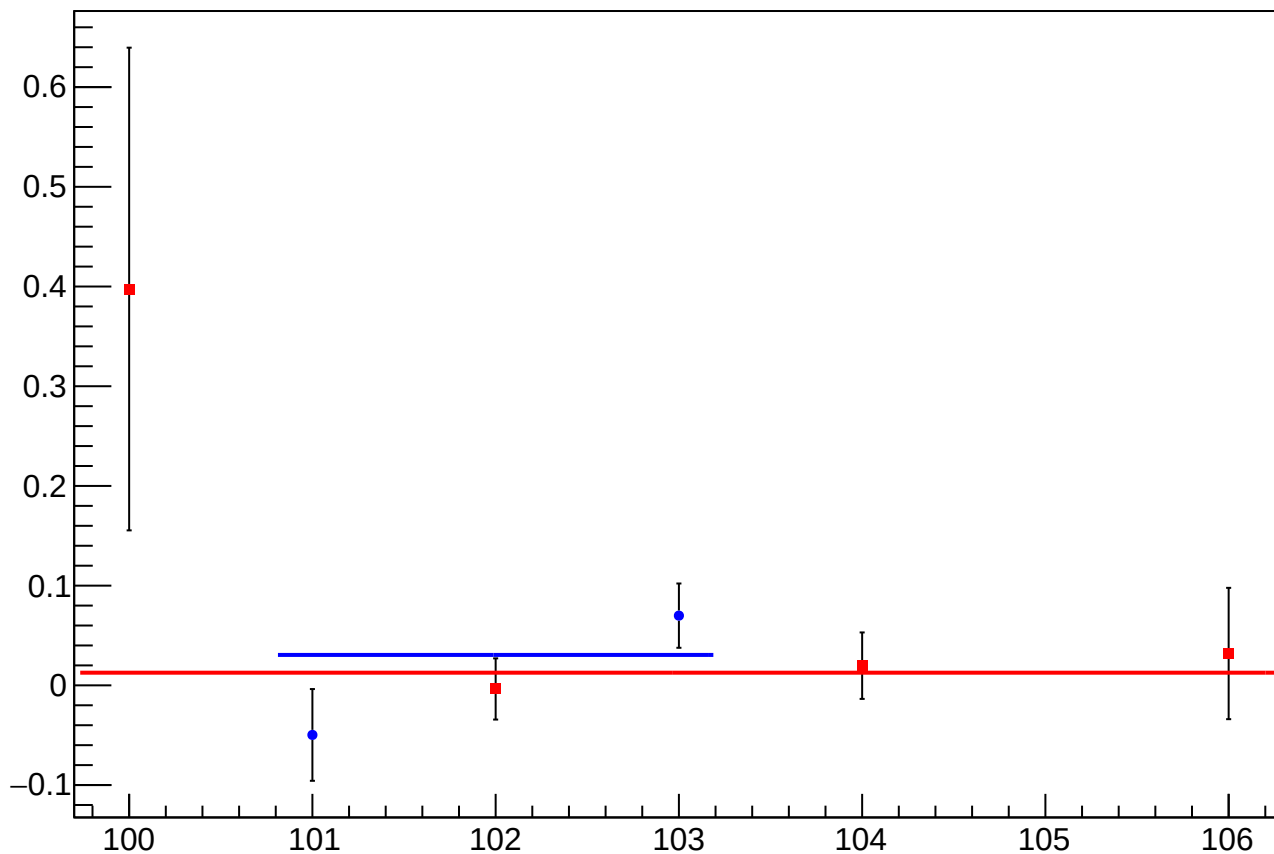
Right: 0.001+/-0.000 χ^2/NDF : 522358.5/5

In: 0.001+/-0.000 χ^2/NDF : 274881.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 522358.5/5

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.021 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

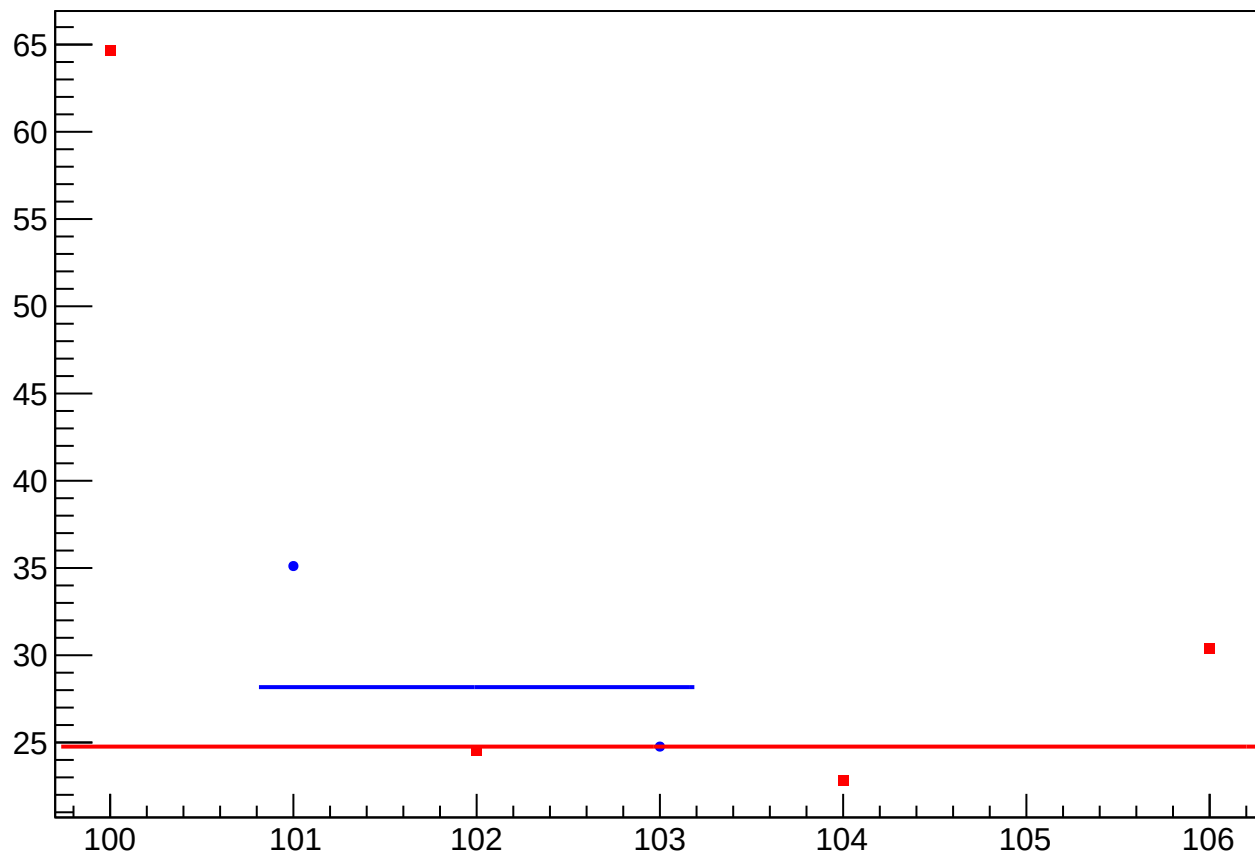
Right: 0.020+/-0.017 χ^2/NDF : 7.8/5

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 7.8/5

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.173 ± 0.019 $\chi^2/\text{NDF}: 67848.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 24.764 ± 0.015 $\chi^2/\text{NDF}: 75714.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

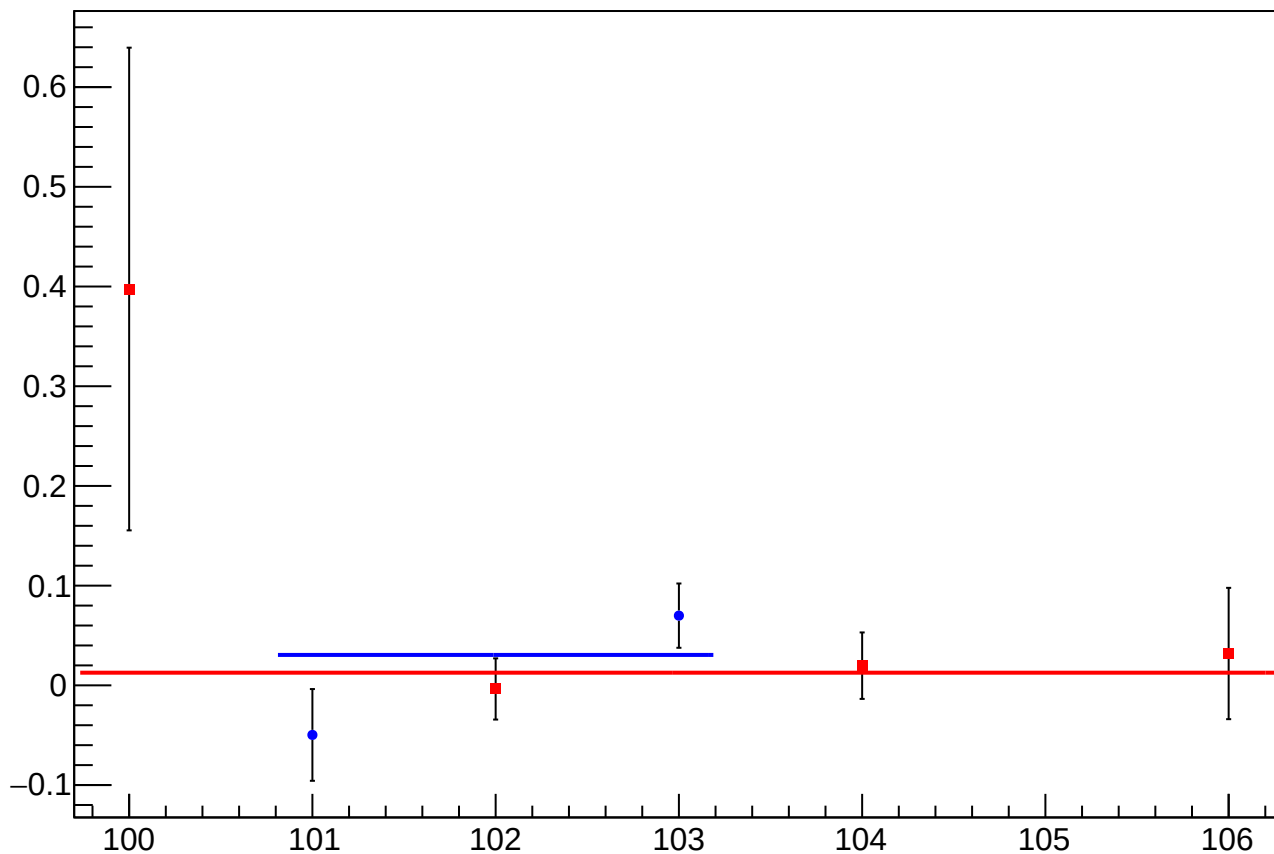
Right: 26.106 ± 0.012 $\chi^2/\text{NDF}: 163773.2/5$

In: 28.173 ± 0.019 $\chi^2/\text{NDF}: 67848.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 26.106 ± 0.012 $\chi^2/\text{NDF}: 163773.2/5$

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.021 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

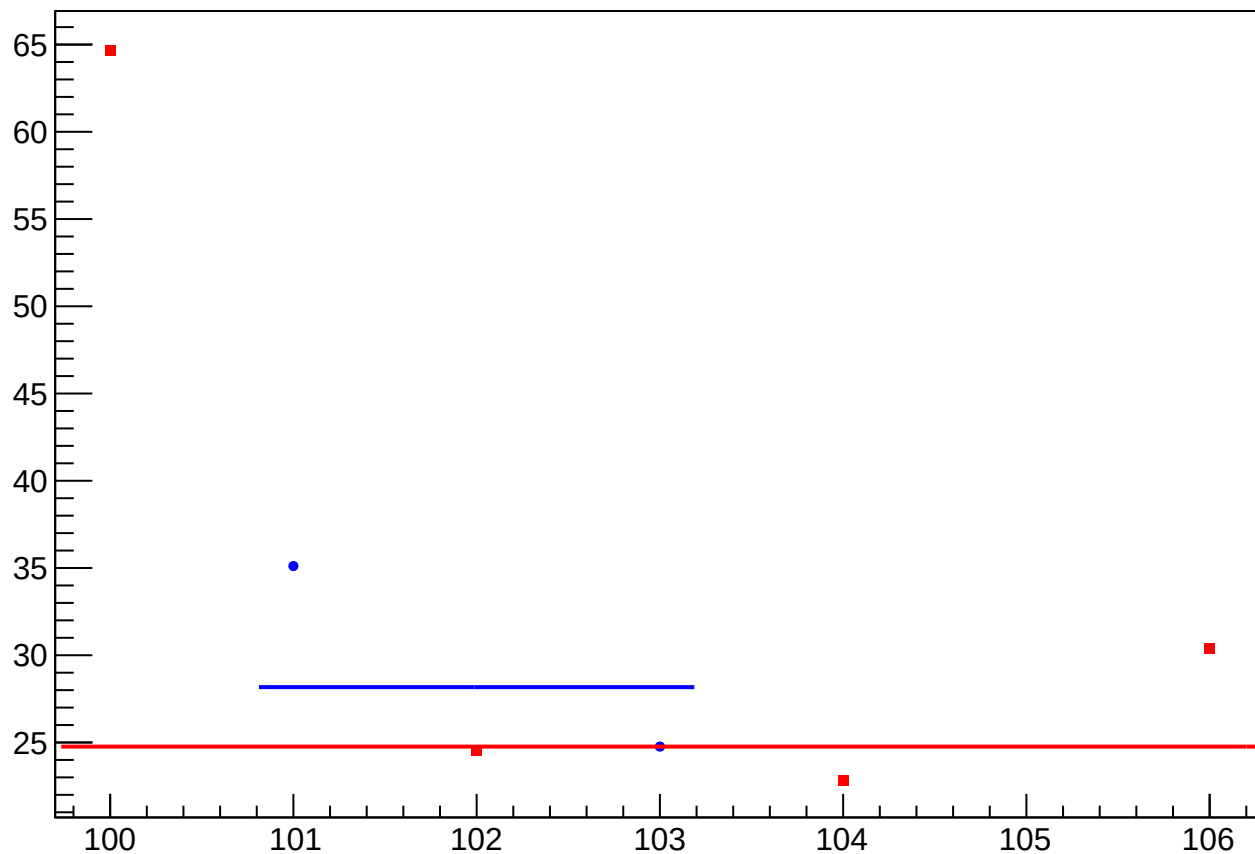
Right: 0.020+/-0.017 χ^2/NDF : 7.8/5

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.017 χ^2/NDF : 7.8/5

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.764+/-0.015 χ^2/NDF : 75714.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

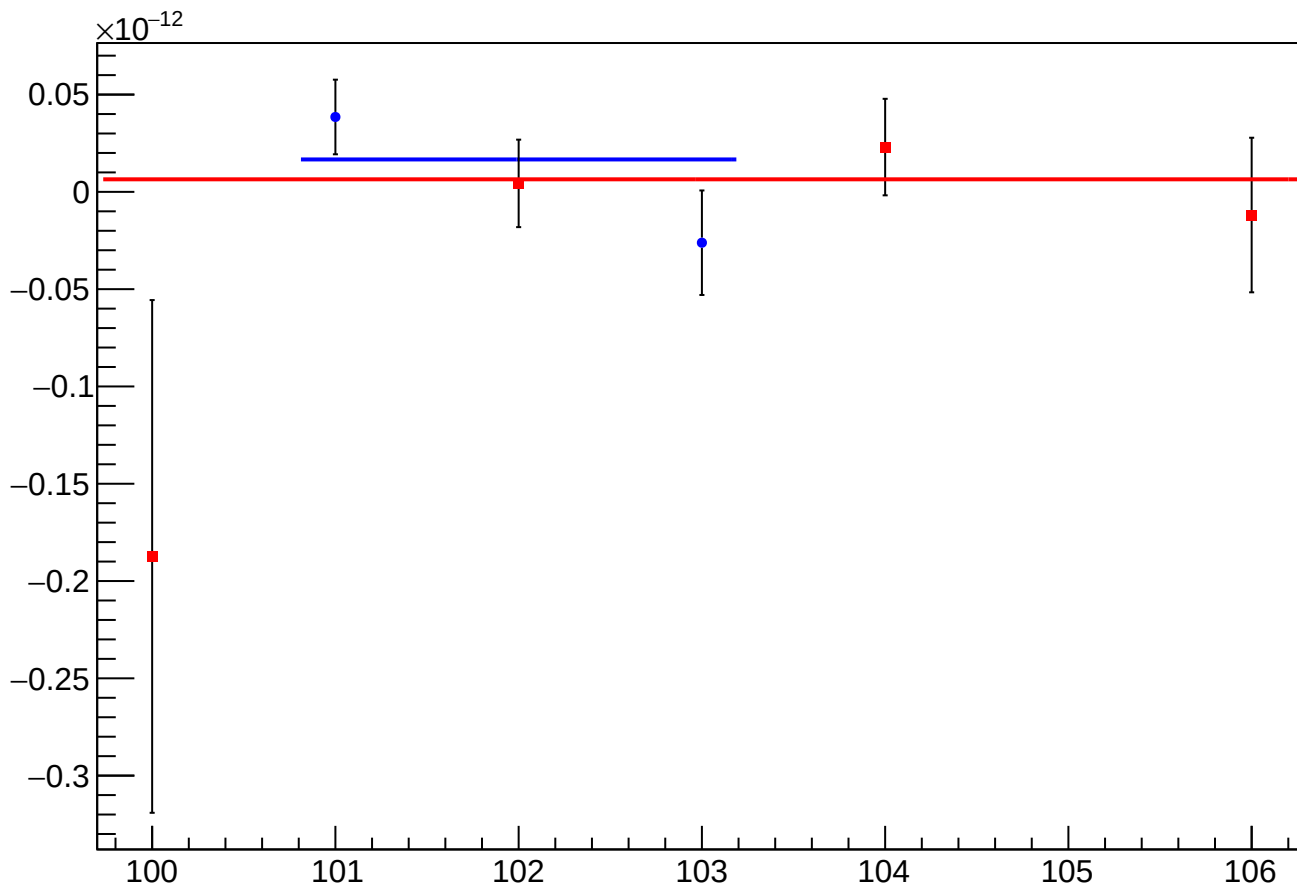
Right: 26.106+/-0.012 χ^2/NDF : 163773.2/5

In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.106+/-0.012 χ^2/NDF : 163773.2/5

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

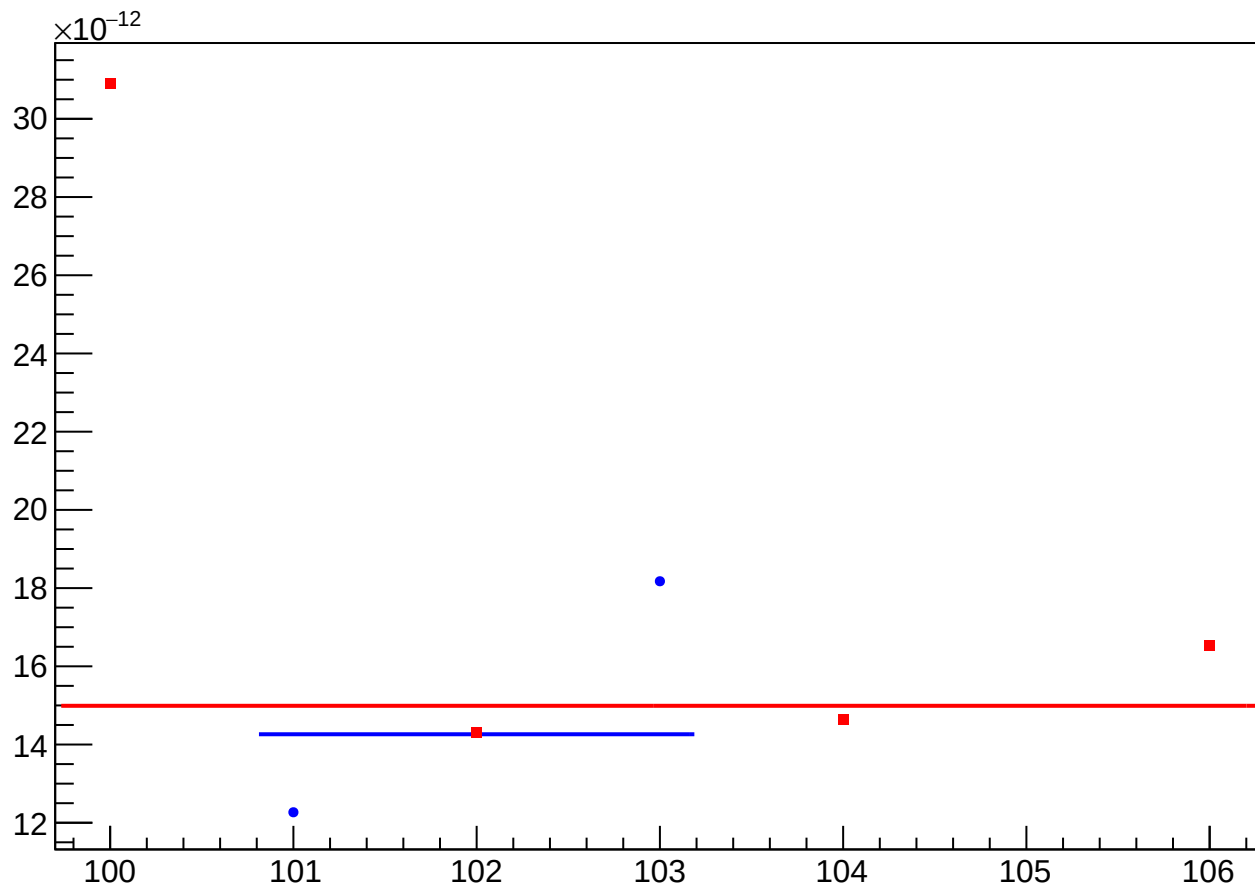
Right: 0.000+/-0.000 χ^2/NDF : 6.9/5

In: 0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.9/5

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 64095.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 34385.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

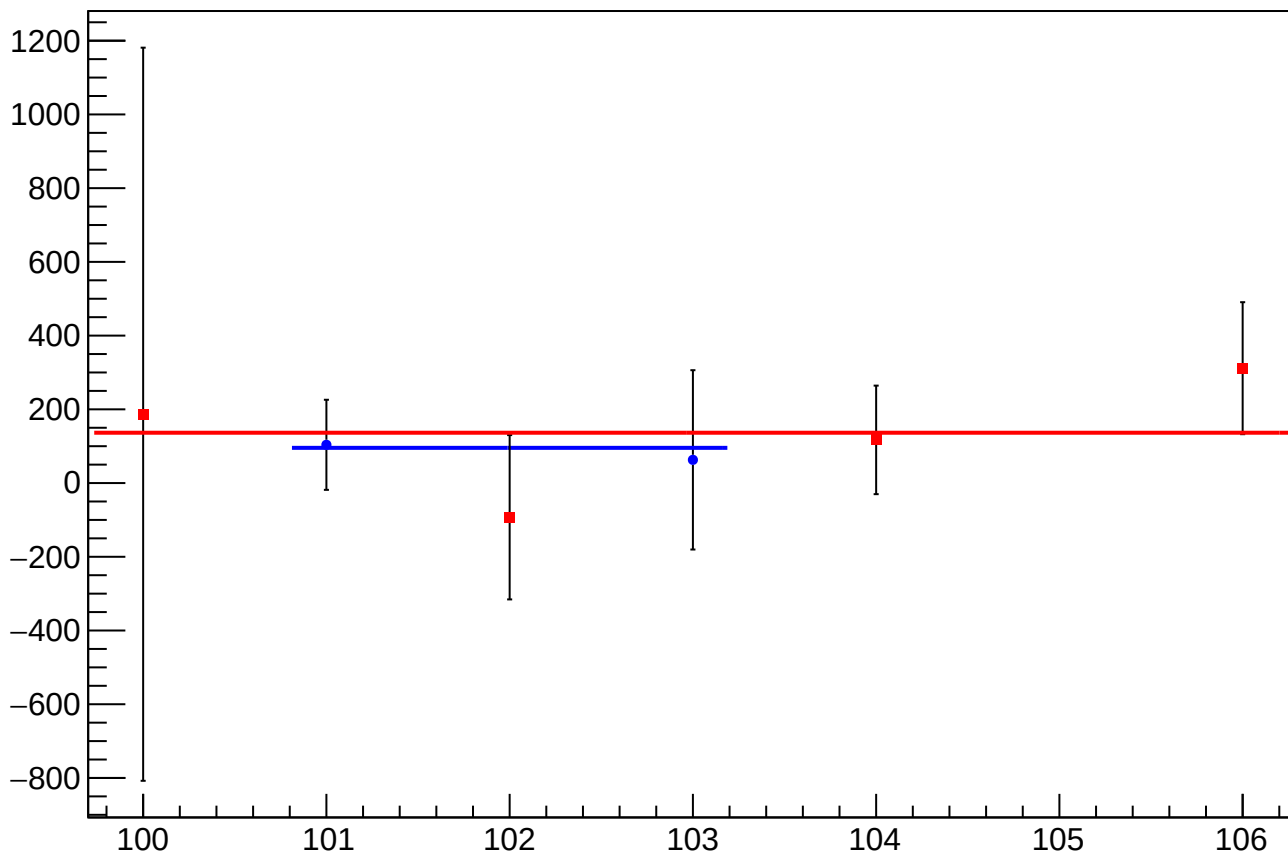
Right: 0.000+/-0.000 χ^2/NDF : 100705.5/5

In: 0.000+/-0.000 χ^2/NDF : 64095.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 100705.5/5

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.530+/-109.200 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.537+/-100.771 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

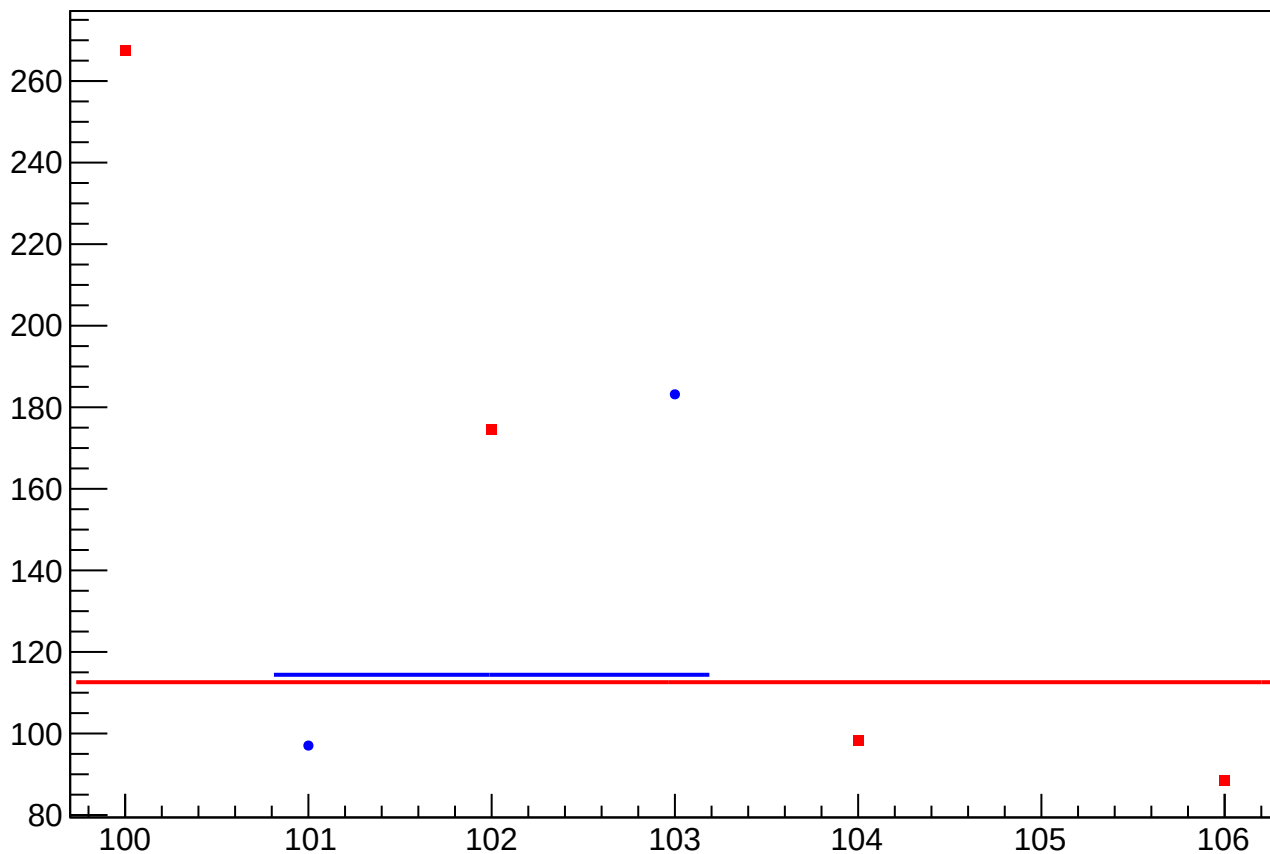
Right: 117.678+/-74.057 χ^2/NDF : 2.1/5

In: 95.530+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.678+/-74.057 χ^2/NDF : 2.1/5

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401+/-0.077 χ^2/NDF : 200255.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.582+/-0.071 χ^2/NDF : 258063.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

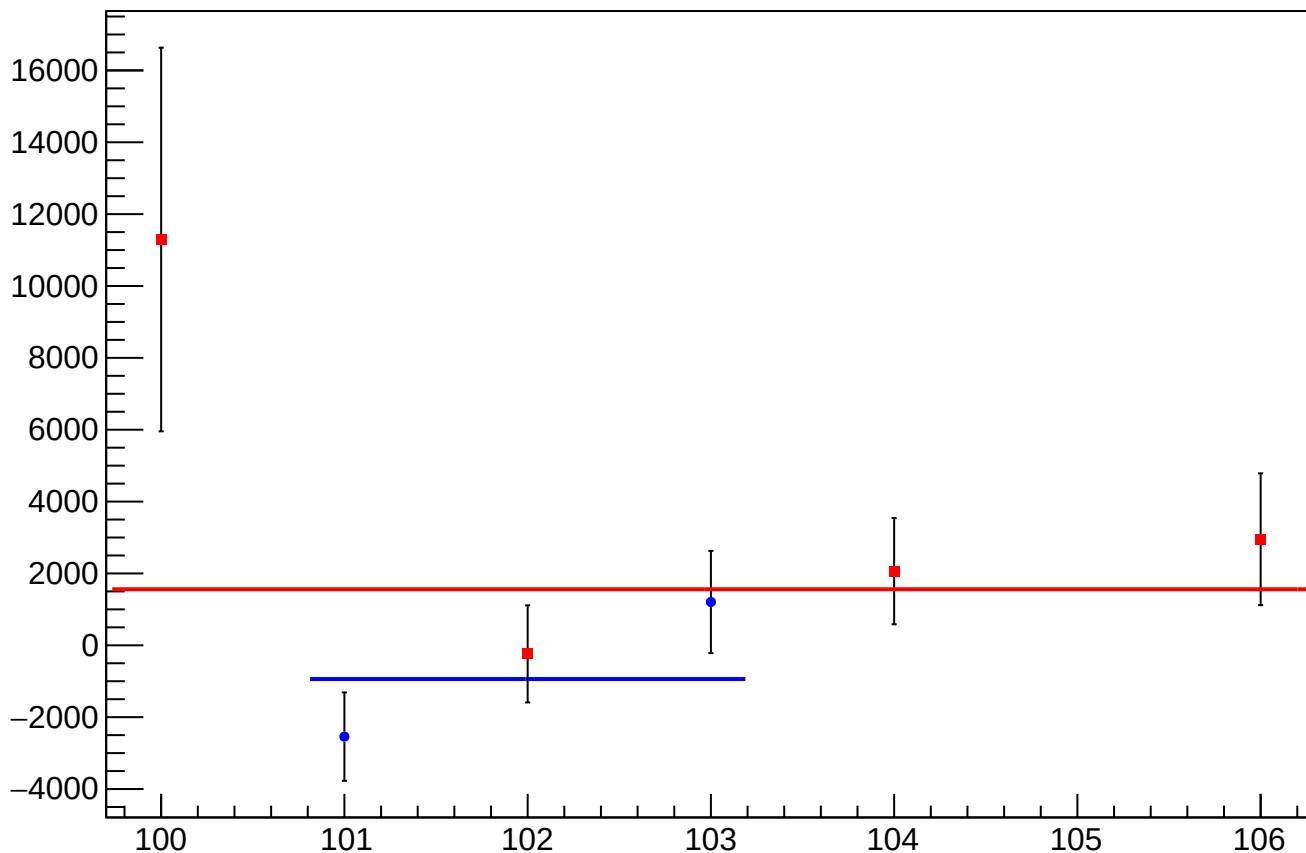
Right: 113.418+/-0.052 χ^2/NDF : 458619.3/5

In: 114.401+/-0.077 χ^2/NDF : 200255.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.418+/-0.052 χ^2/NDF : 458619.3/5

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -938.839+/-930.207 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1560.072+/-864.461 χ^2/NDF : 5.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

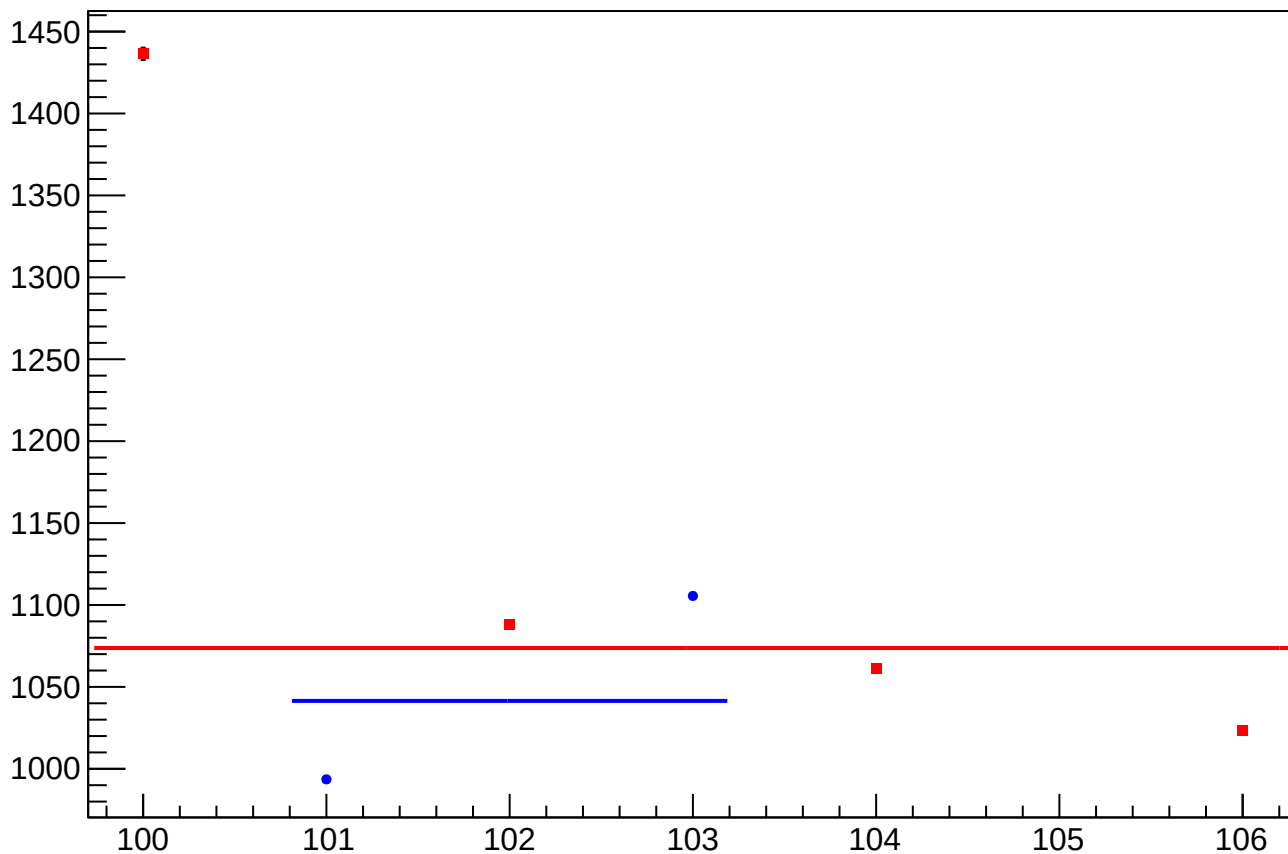
Right: 402.039+/-633.235 χ^2/NDF : 13.6/5

In: -938.839+/-930.207 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.039+/-633.235 χ^2/NDF : 13.6/5

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1041.455+/-0.658 χ^2/NDF : 7093.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1073.733+/-0.611 χ^2/NDF : 11077.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

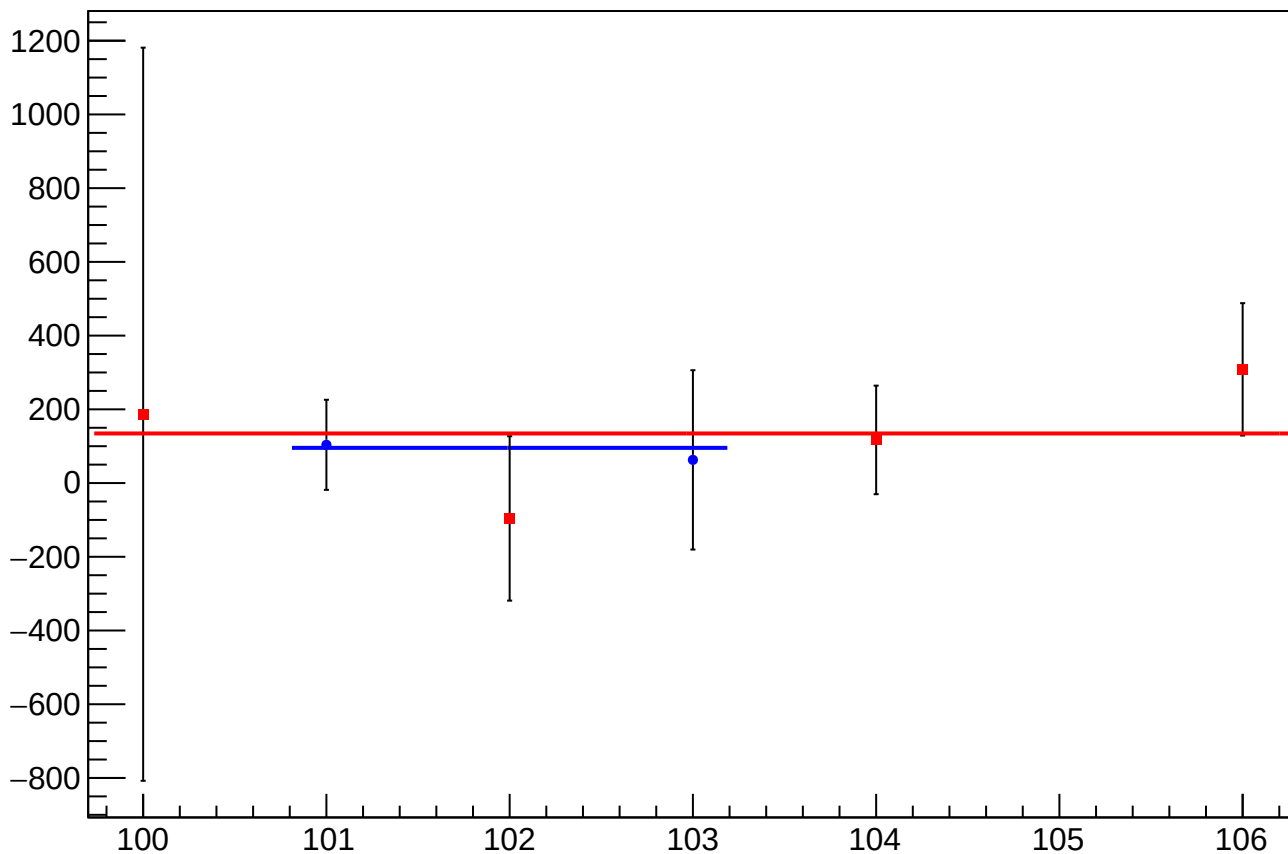
Right: 1058.775+/-0.448 χ^2/NDF : 19463.2/5

In: 1041.455+/-0.658 χ^2/NDF : 7093.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.775+/-0.448 χ^2/NDF : 19463.2/5

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513 $\pm$ 109.200 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.571 $\pm$ 100.876 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

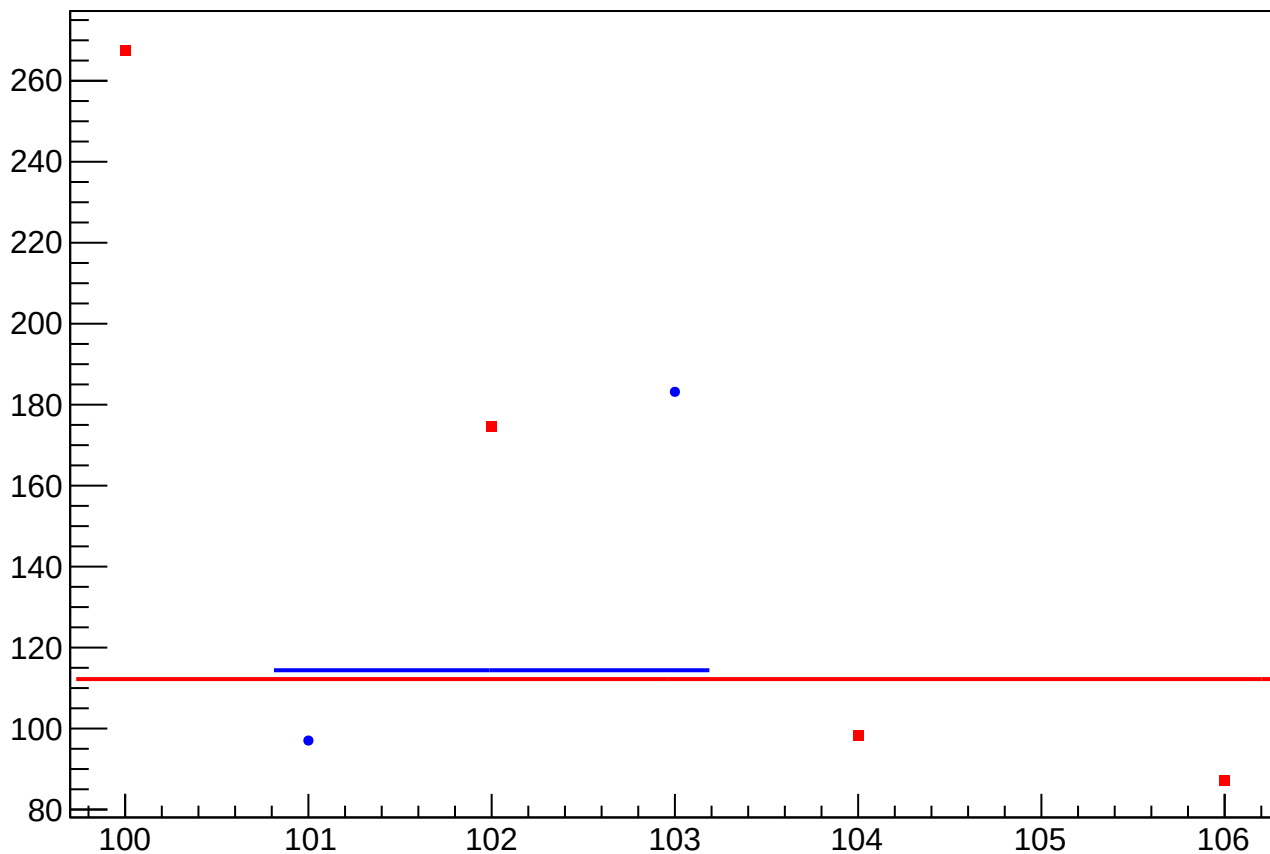
Right: 116.587 $\pm$ 74.098 χ^2 /NDF: 2.1/5

In: 95.513 $\pm$ 109.200 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.587 $\pm$ 74.098 χ^2 /NDF: 2.1/5

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401 $\pm$ 0.077 χ^2 /NDF: 200258.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.218 $\pm$ 0.071 χ^2 /NDF: 262051.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

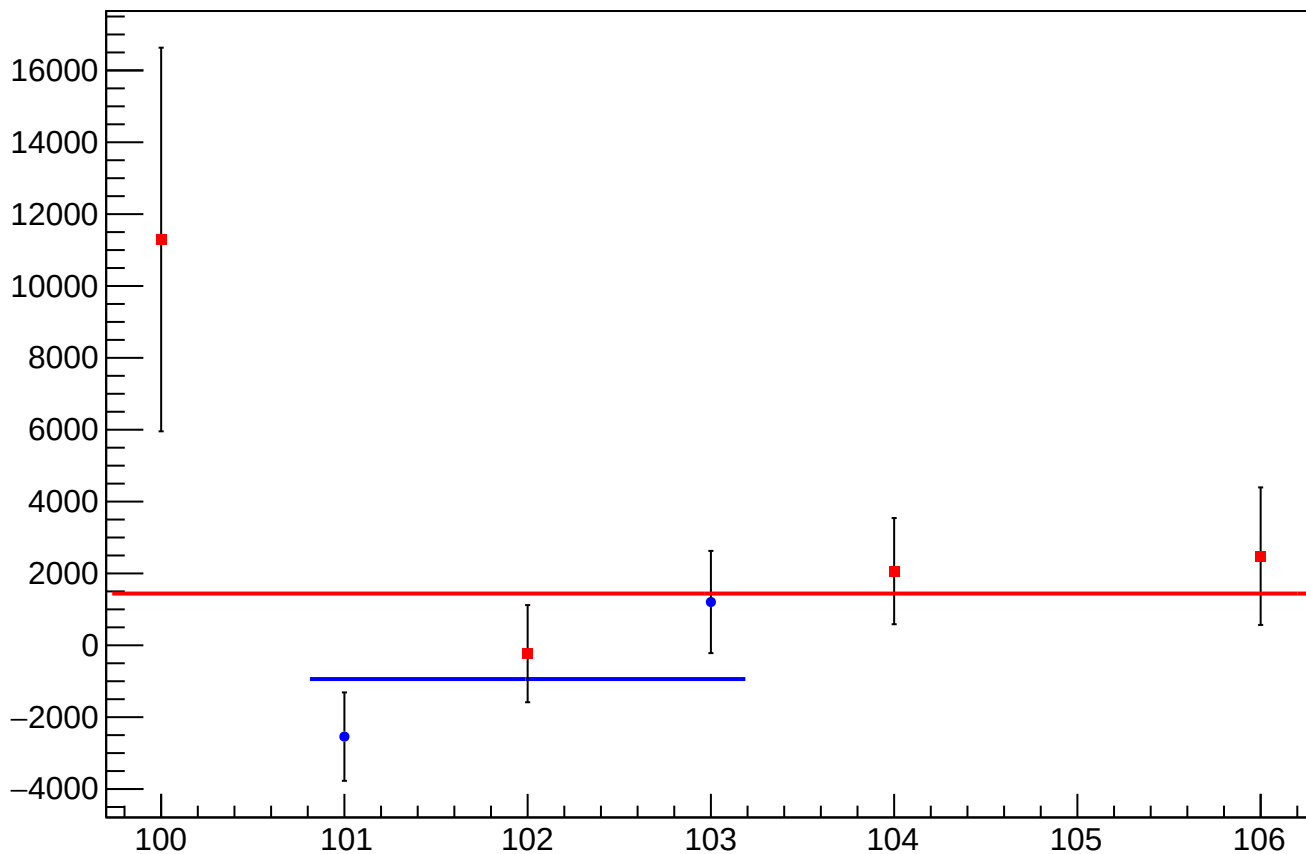
Right: 113.223 $\pm$ 0.052 χ^2 /NDF: 462741.4/5

In: 114.401 $\pm$ 0.077 χ^2 /NDF:200258.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.223 $\pm$ 0.052 χ^2 /NDF: 462741.4/5

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.001 $\pm$ 930.246 χ^2 /NDF: 4.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1440.210 $\pm$ 872.662 χ^2 /NDF: 5.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

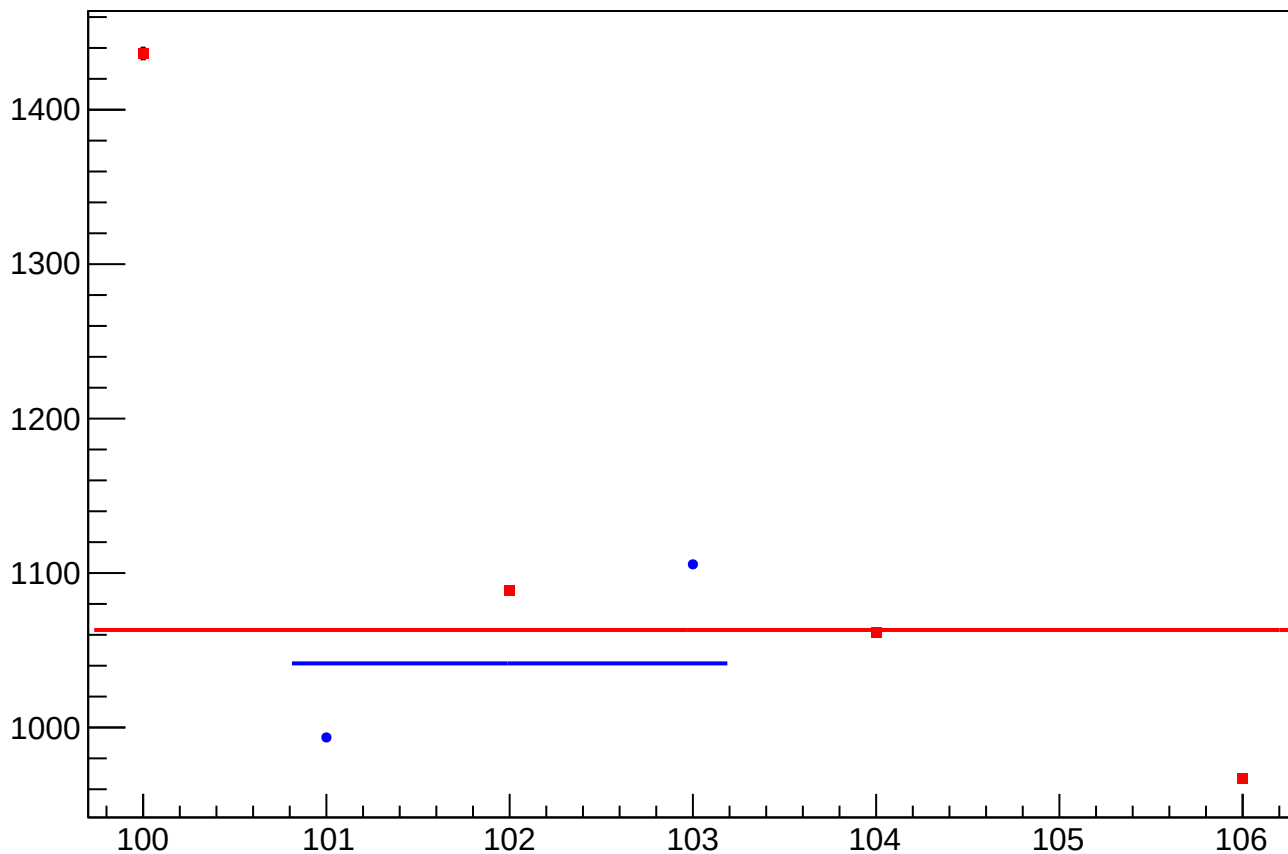
Right: 326.518 $\pm$ 636.450 χ^2 /NDF: 12.9/5

In: -939.001 $\pm$ 930.246 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 326.518 $\pm$ 636.450 χ^2 /NDF: 12.9/5

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496+/-0.658 χ^2/NDF : 7106.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.140+/-0.617 χ^2/NDF : 15551.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

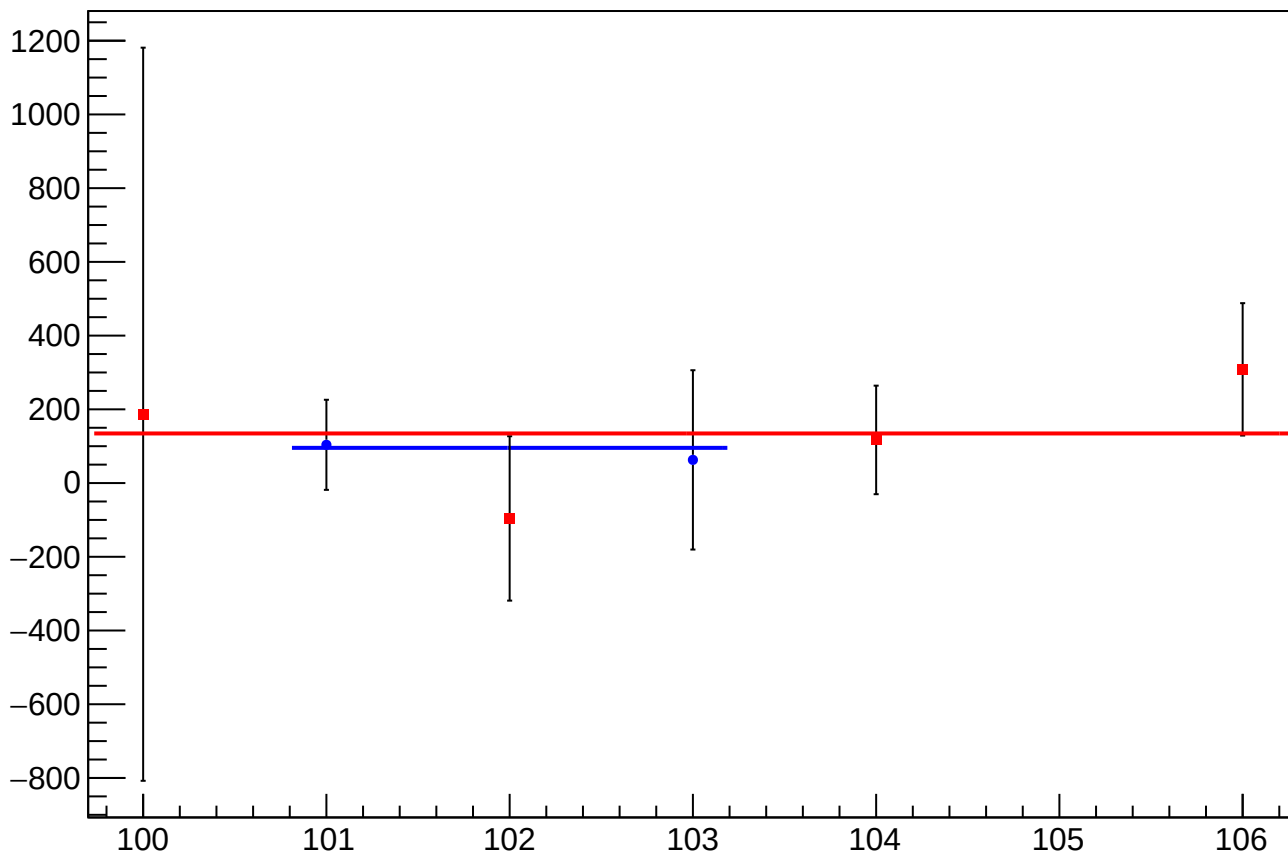
Right: 1053.009+/-0.450 χ^2/NDF : 23233.8/5

In: 1041.496+/-0.658 χ^2/NDF : 7106.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.009+/-0.450 χ^2/NDF : 23233.8/5

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513 $\pm$ 109.200 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.571 $\pm$ 100.876 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

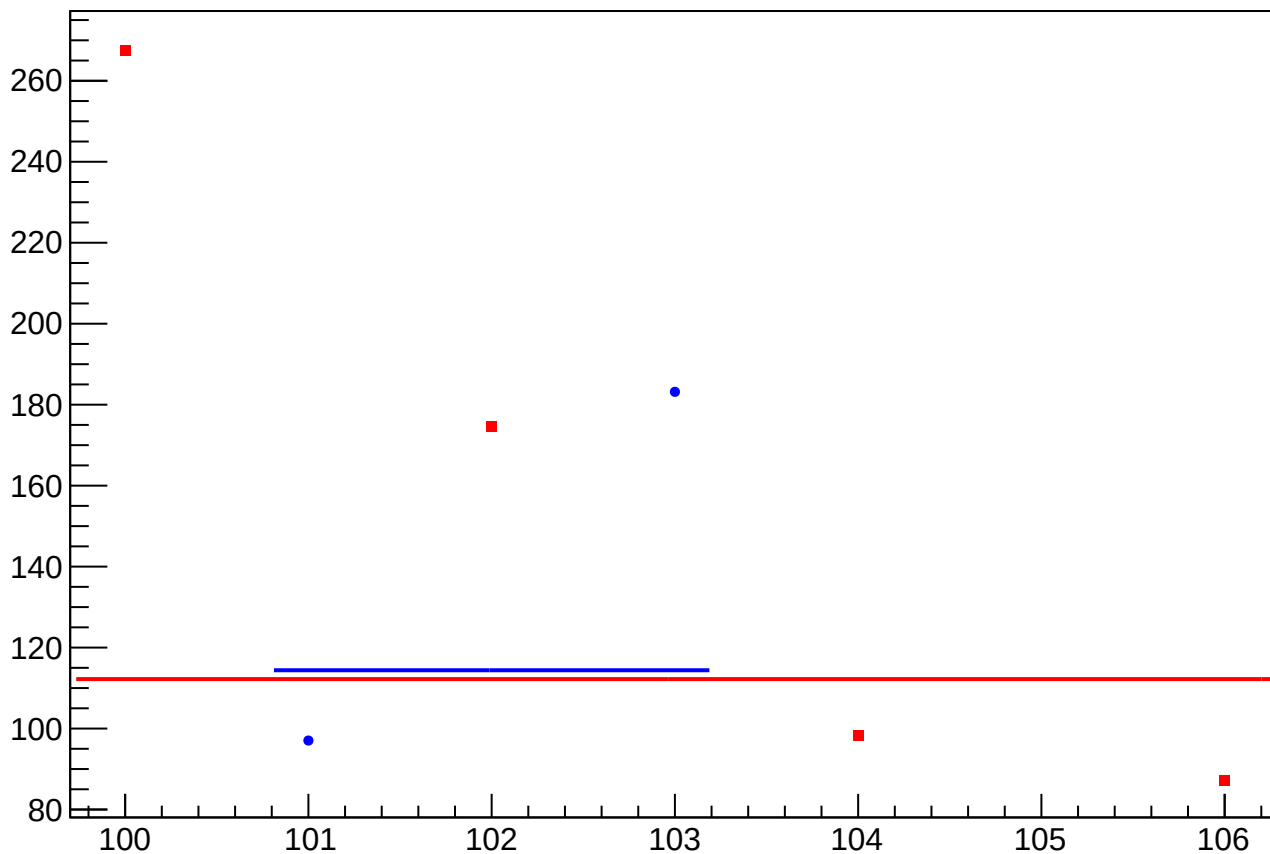
Right: 116.587 $\pm$ 74.098 χ^2 /NDF: 2.1/5

In: 95.513 $\pm$ 109.200 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.587 $\pm$ 74.098 χ^2 /NDF: 2.1/5

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401 $\pm$ 0.077 χ^2 /NDF: 200258.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.218 $\pm$ 0.071 χ^2 /NDF: 262051.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

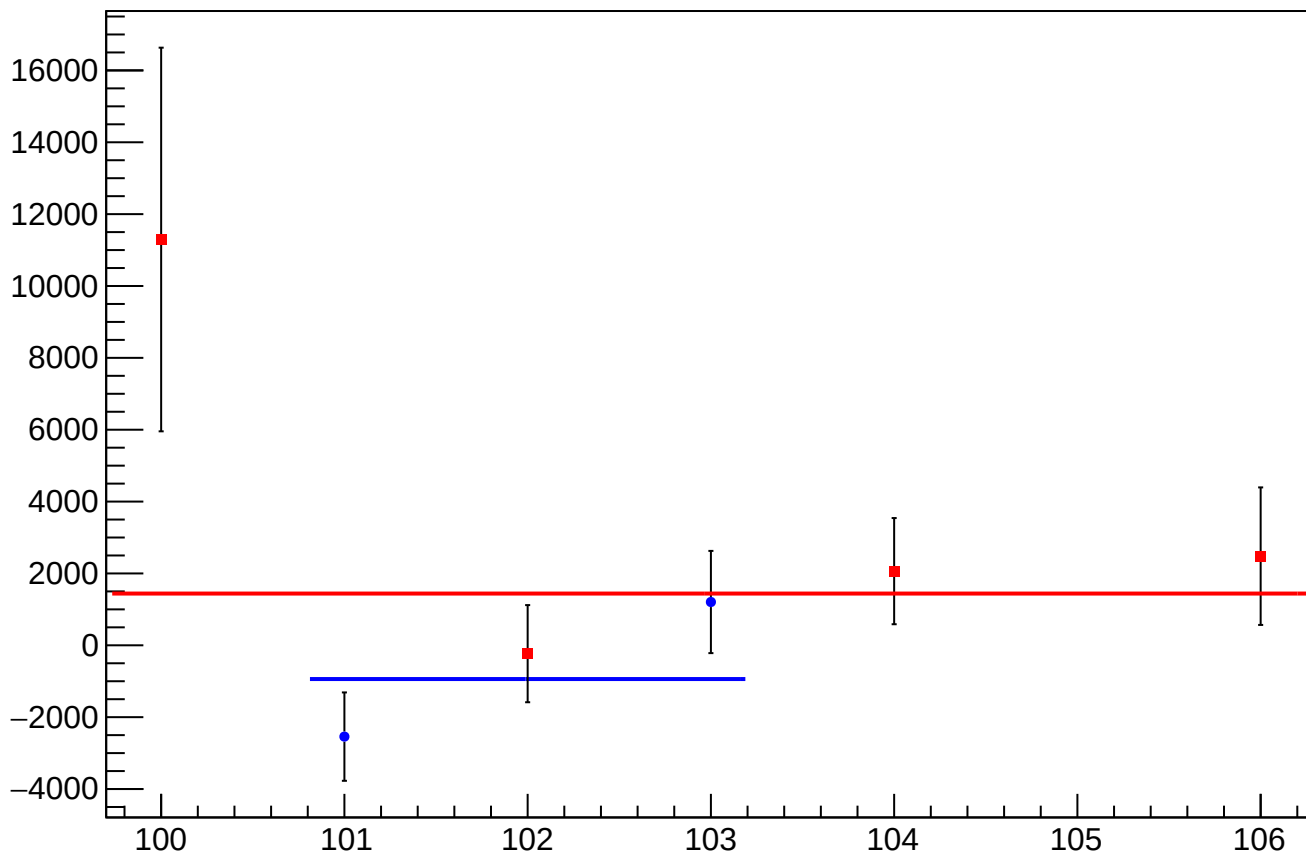
Right: 113.223 $\pm$ 0.052 χ^2 /NDF: 462741.4/5

In: 114.401 $\pm$ 0.077 χ^2 /NDF:200258.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.223 $\pm$ 0.052 χ^2 /NDF: 462741.4/5

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1440.210+/-872.662 χ^2/NDF : 5.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

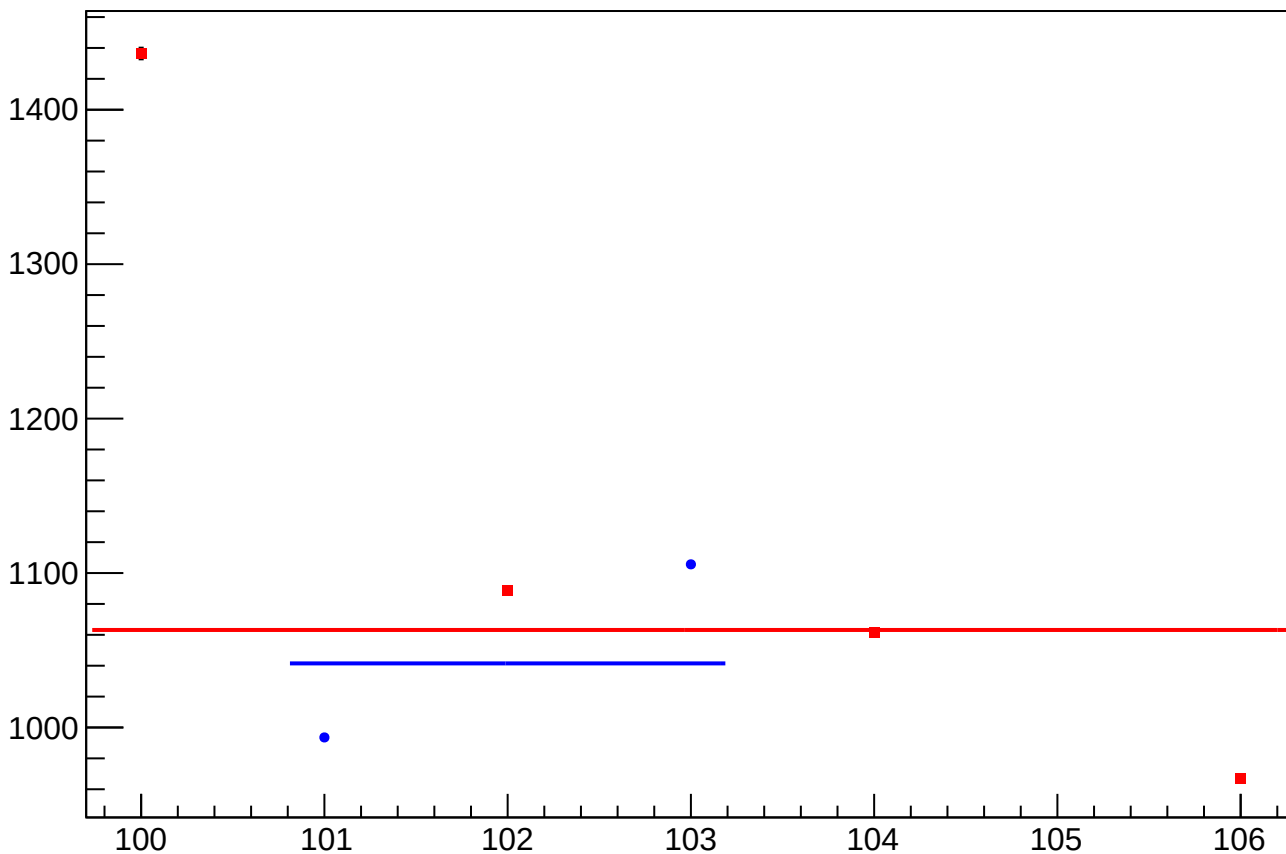
Right: 326.518+/-636.450 χ^2/NDF : 12.9/5

In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.518+/-636.450 χ^2/NDF : 12.9/5

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496+/-0.658 χ^2/NDF : 7106.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.140+/-0.617 χ^2/NDF : 15551.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

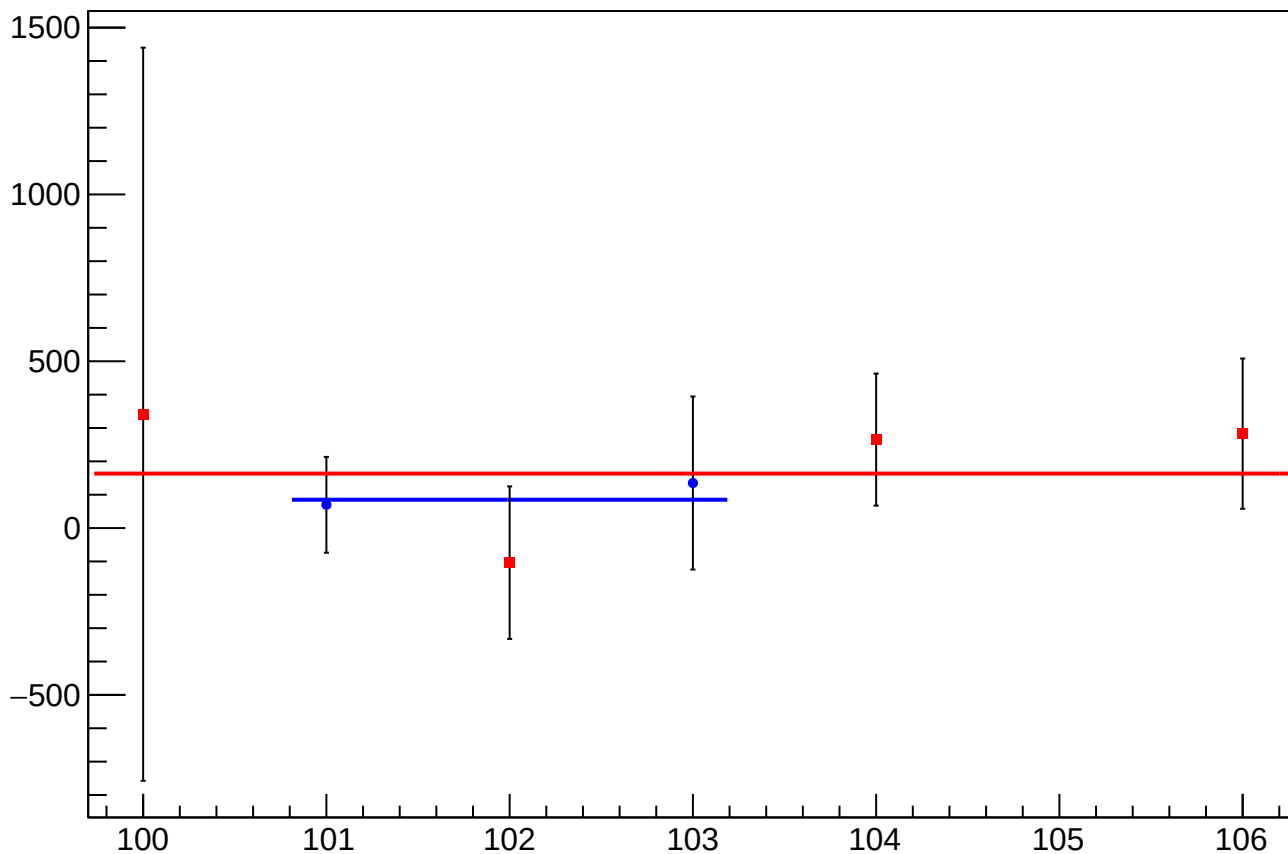
Right: 1053.009+/-0.450 χ^2/NDF : 23233.8/5

In: 1041.496+/-0.658 χ^2/NDF : 7106.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.009+/-0.450 χ^2/NDF : 23233.8/5

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.029 $\pm$ 125.625 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.350 $\pm$ 123.813 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

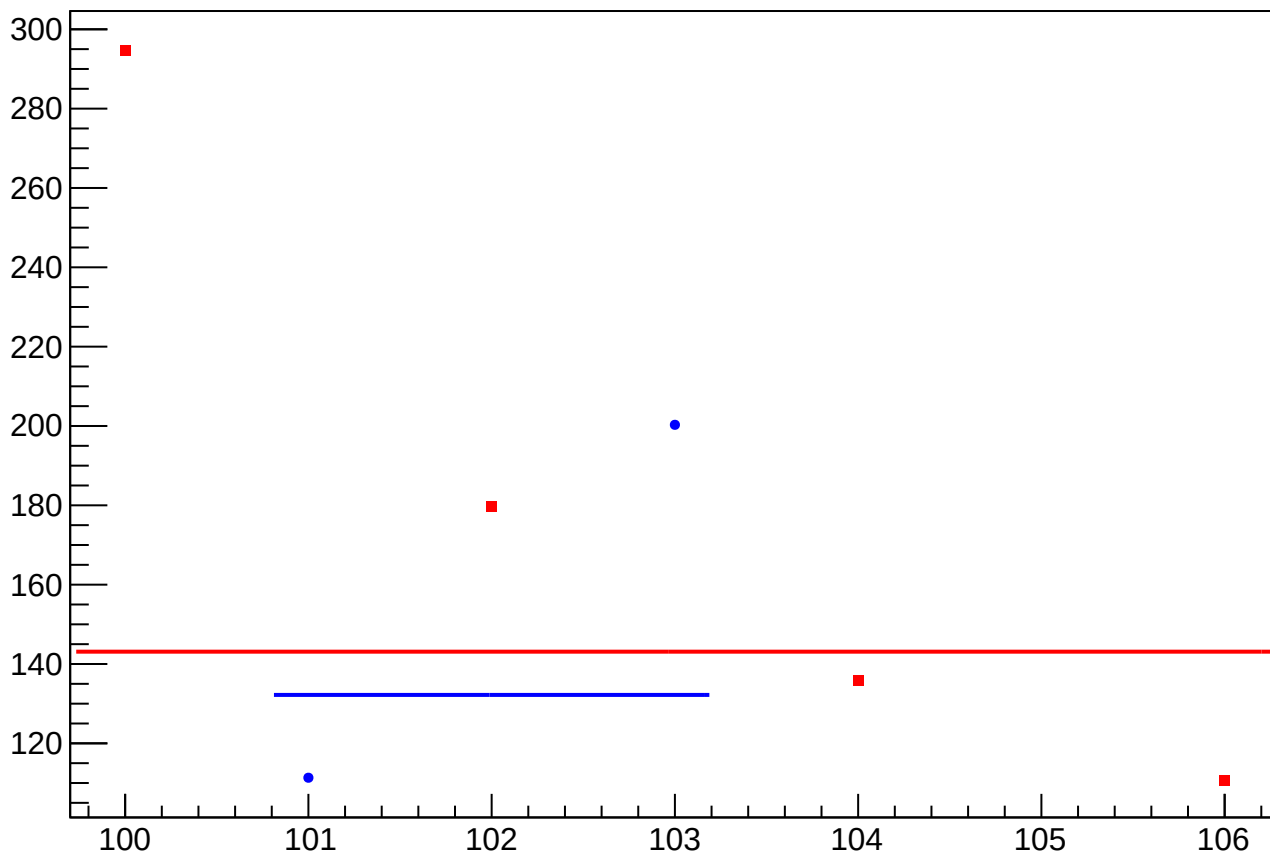
Right: 124.758 $\pm$ 88.183 χ^2 /NDF: 2.2/5

In: 85.029 $\pm$ 125.625 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.758 $\pm$ 88.183 χ^2 /NDF: 2.2/5

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 132.206+/-0.089 χ^2/NDF : 180139.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.109+/-0.088 χ^2/NDF : 133044.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

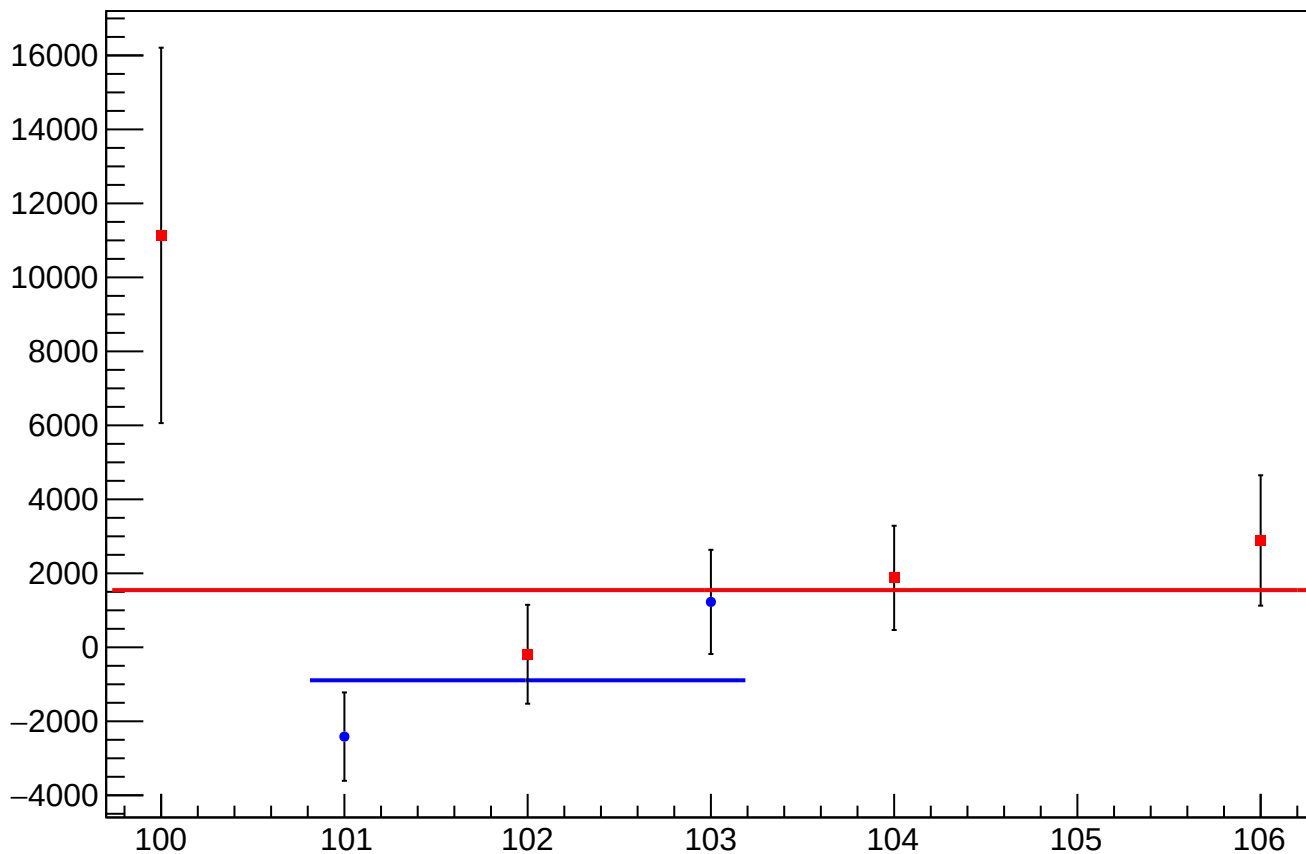
Right: 137.737+/-0.062 χ^2/NDF : 320825.9/5

In: 132.206+/-0.089 χ^2/NDF : 180139.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.737+/-0.062 χ^2/NDF : 320825.9/5

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -891.691+/-910.910 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1546.966+/-837.943 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

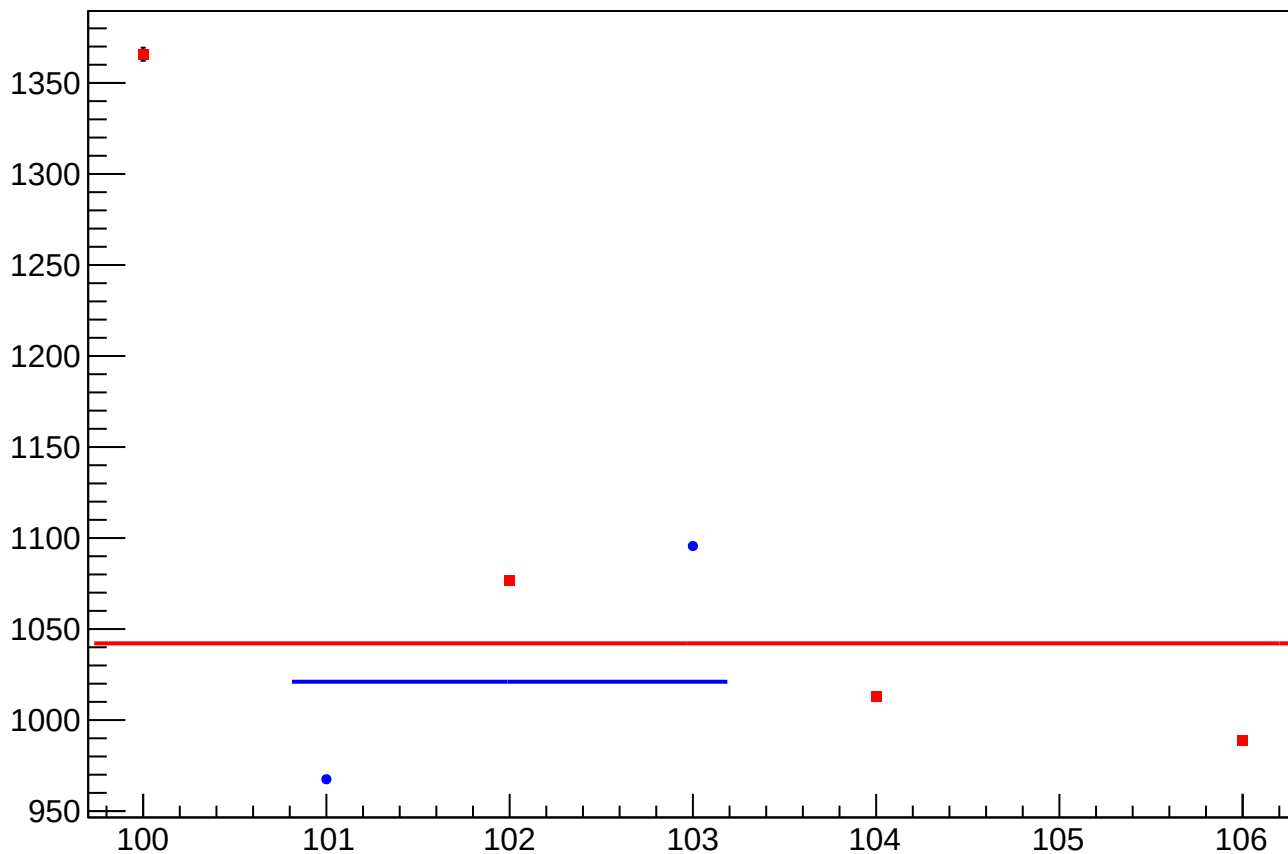
Right: 429.209+/-616.700 χ^2/NDF : 13.7/5

In: -891.691+/-910.910 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.209+/-616.700 χ^2/NDF : 13.7/5

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.065+/-0.644 χ^2/NDF : 9626.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.152+/-0.593 χ^2/NDF : 12133.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

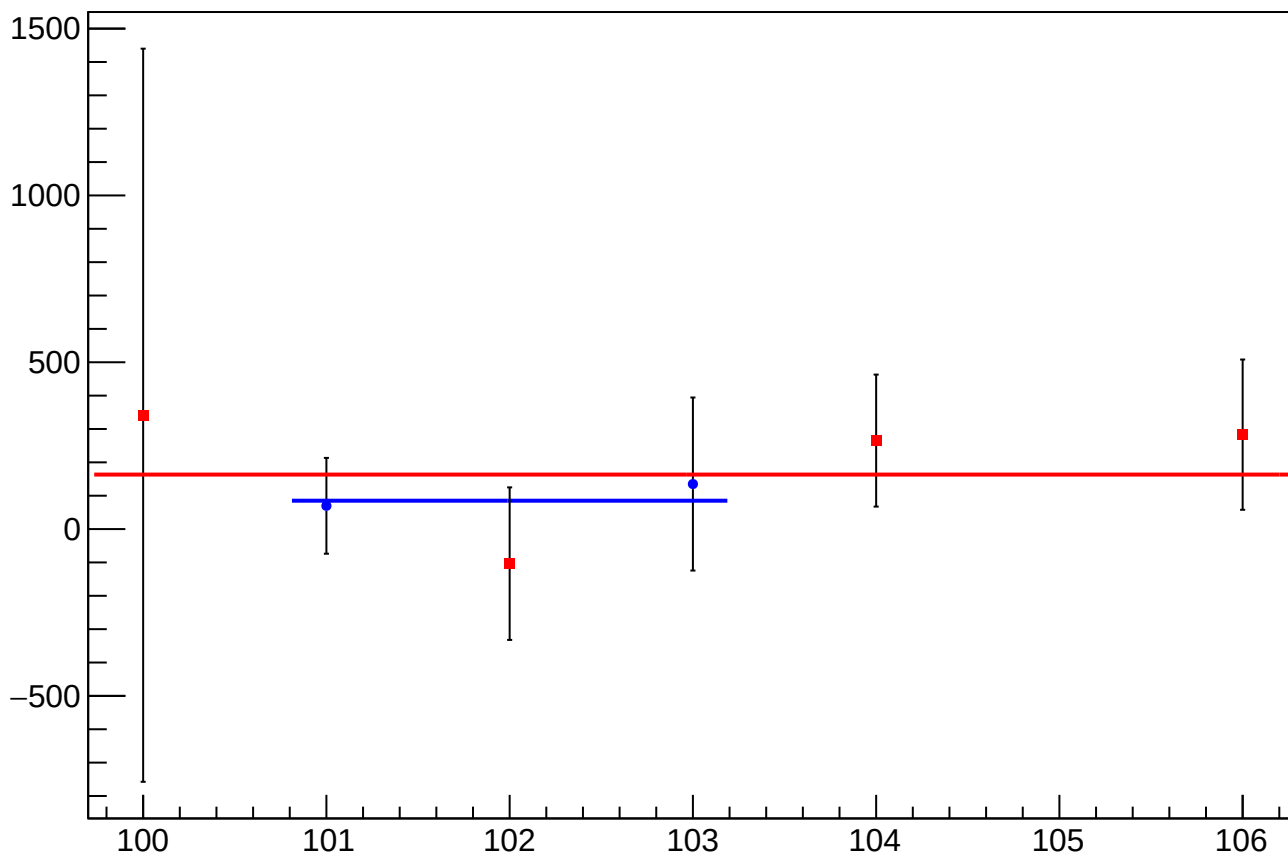
Right: 1032.487+/-0.436 χ^2/NDF : 22339.9/5

In: 1021.065+/-0.644 χ^2/NDF : 9626.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.487+/-0.436 χ^2/NDF : 22339.9/5

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.033 $\pm$ 125.626 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.348 $\pm$ 123.814 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

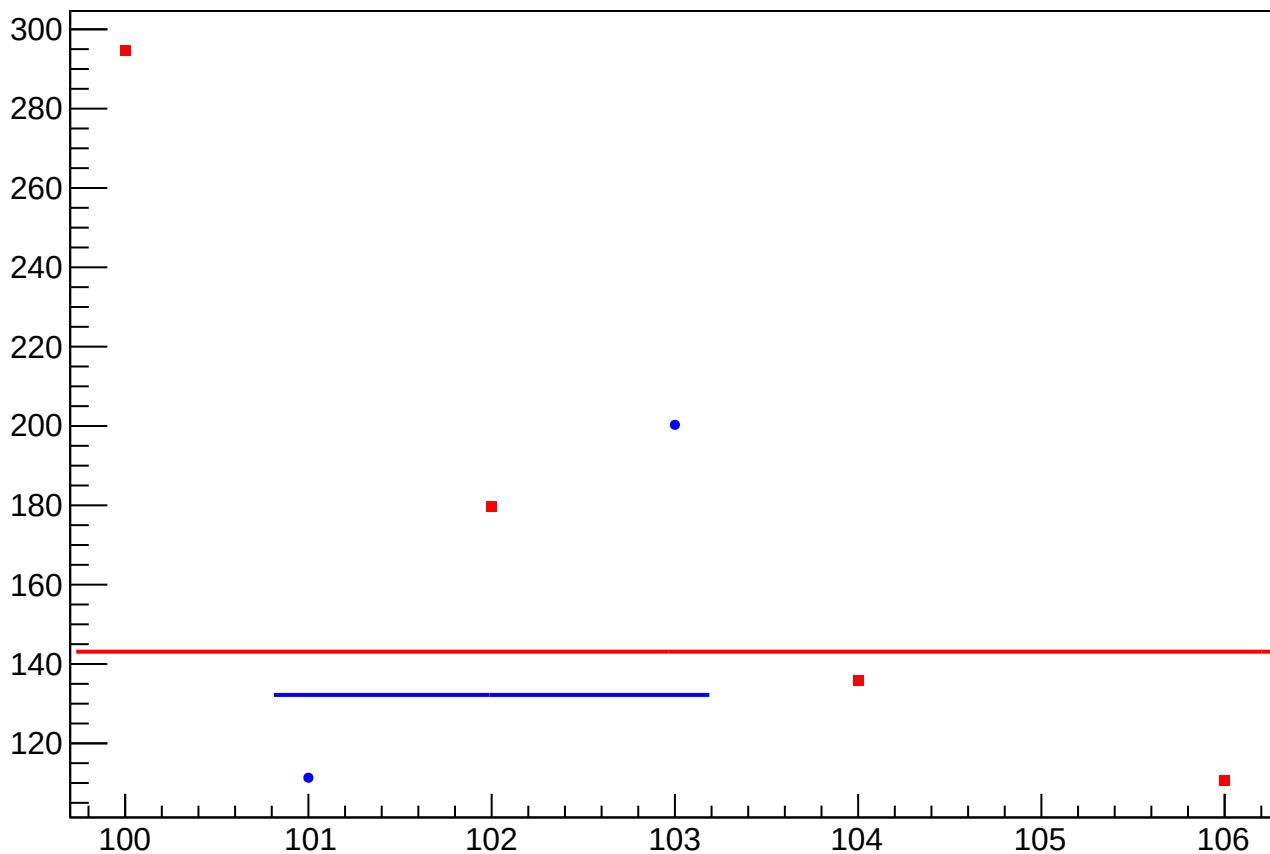
Right: 124.759 $\pm$ 88.183 χ^2 /NDF: 2.2/5

In: 85.033 $\pm$ 125.626 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.759 $\pm$ 88.183 χ^2 /NDF: 2.2/5

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 132.207+/-0.089 χ^2/NDF : 180135.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.110+/-0.088 χ^2/NDF : 133042.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

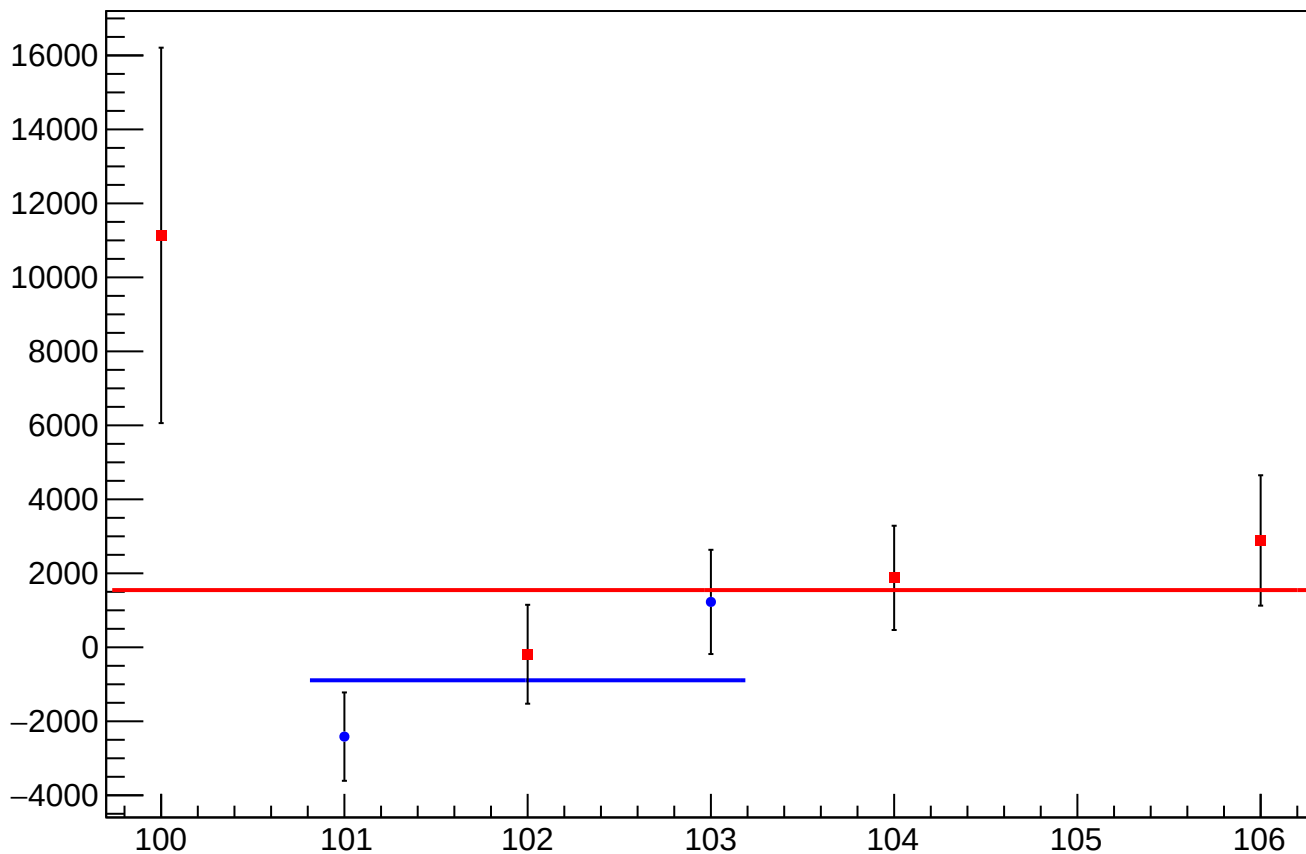
Right: 137.738+/-0.062 χ^2/NDF : 320819.4/5

In: 132.207+/-0.089 χ^2/NDF : 180135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.738+/-0.062 χ^2/NDF : 320819.4/5

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -891.690+/-910.908 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1546.965+/-837.941 χ^2/NDF : 5.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

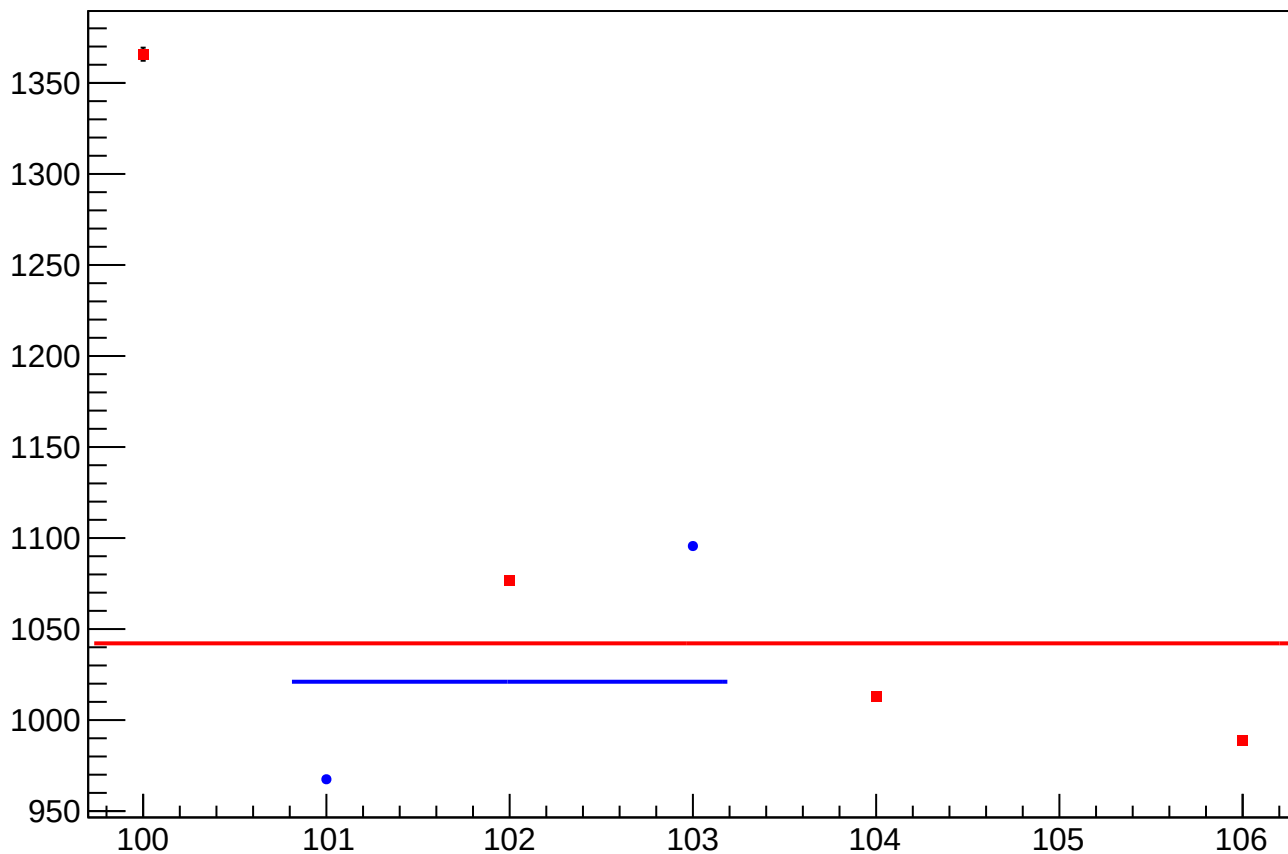
Right: 429.208+/-616.699 χ^2/NDF : 13.7/5

In: -891.690+/-910.908 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 429.208+/-616.699 χ^2/NDF : 13.7/5

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1021.063+/-0.644 χ^2/NDF : 9626.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1042.150+/-0.593 χ^2/NDF : 12133.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

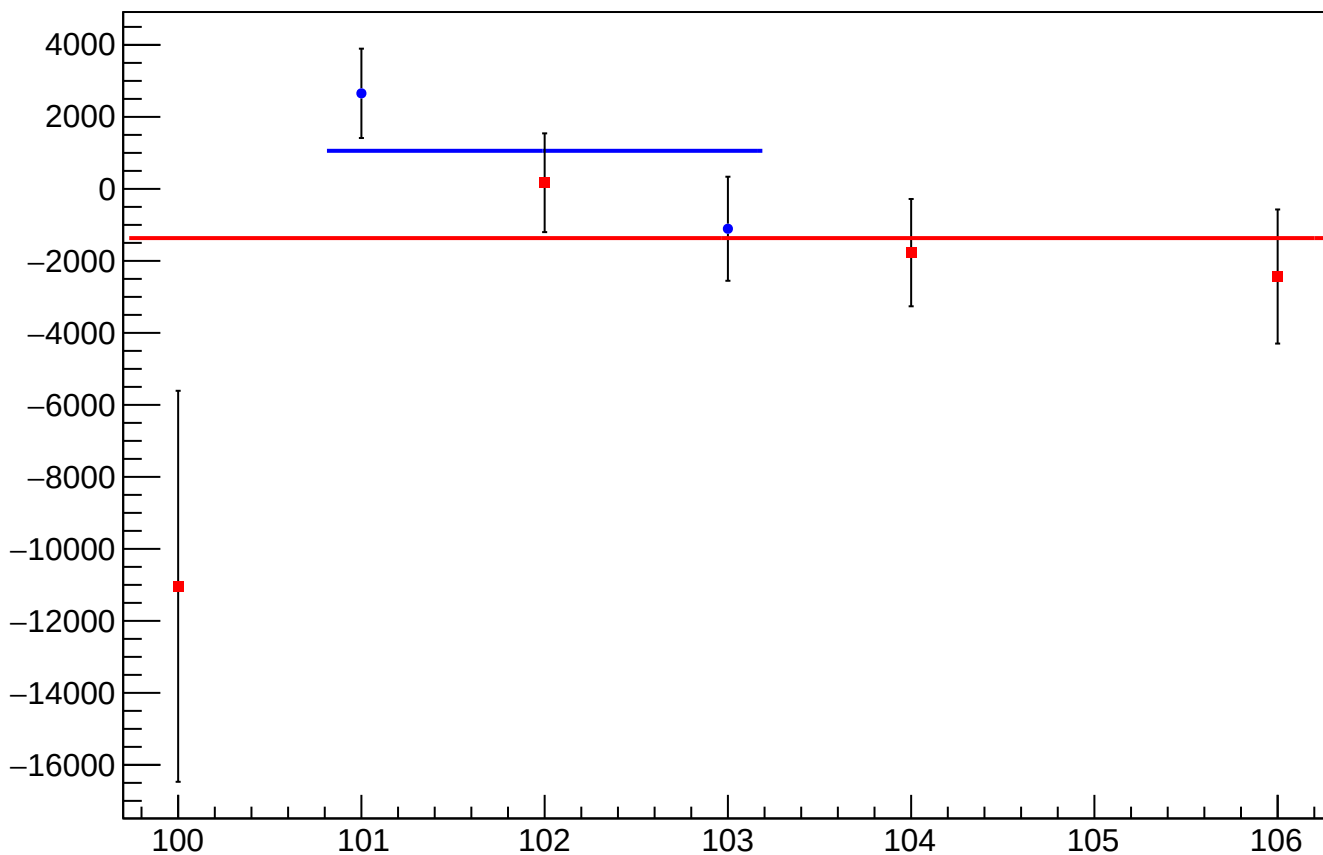
Right: 1032.485+/-0.436 χ^2/NDF : 22340.0/5

In: 1021.063+/-0.644 χ^2/NDF : 9626.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.485+/-0.436 χ^2/NDF : 22340.0/5

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 1057.927+/-941.493 χ^2/NDF : 3.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1366.811+/-875.740 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

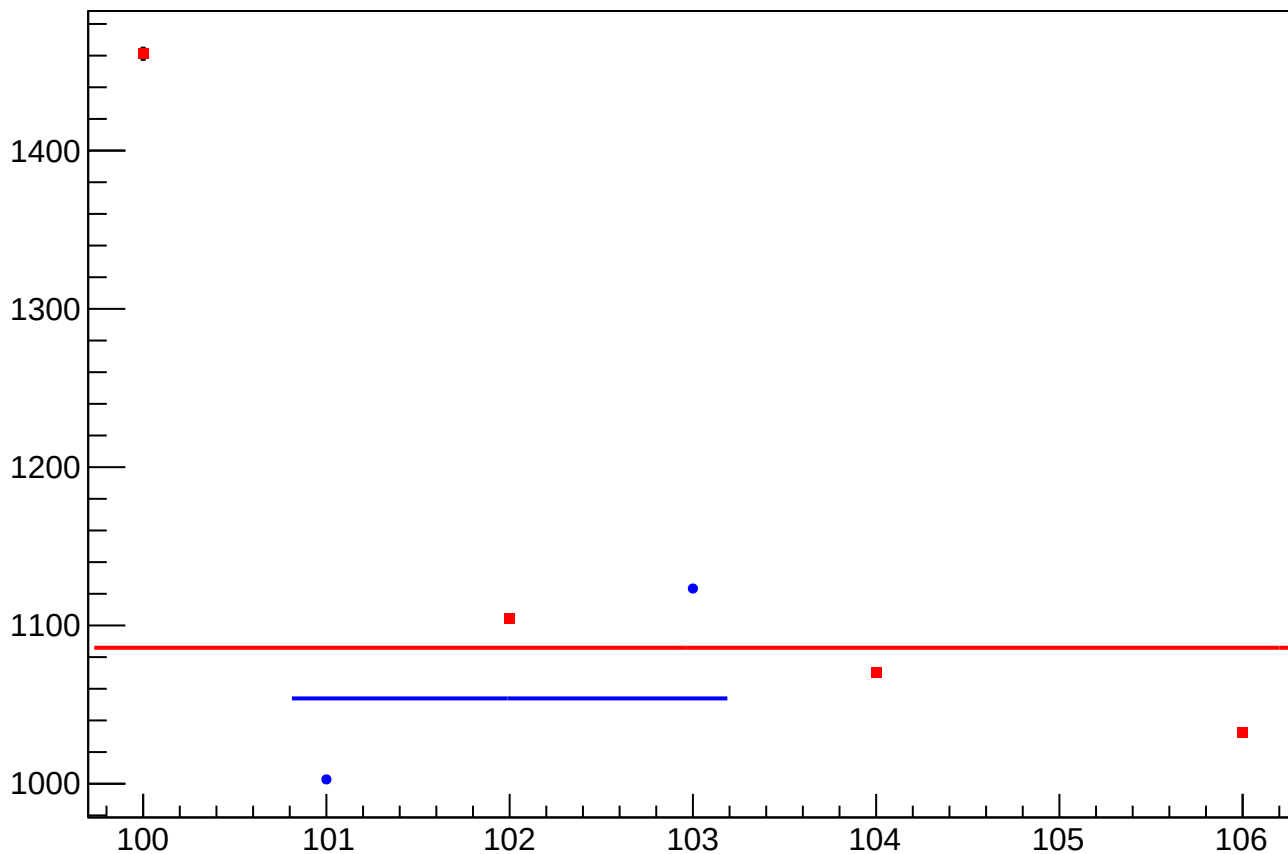
Right: -242.062+/-641.228 χ^2/NDF : 12.3/5

In: 1057.927+/-941.493 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.062+/-641.228 χ^2/NDF : 12.3/5

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1053.914+/-0.666 χ^2/NDF : 8014.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.911+/-0.619 χ^2/NDF : 11785.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

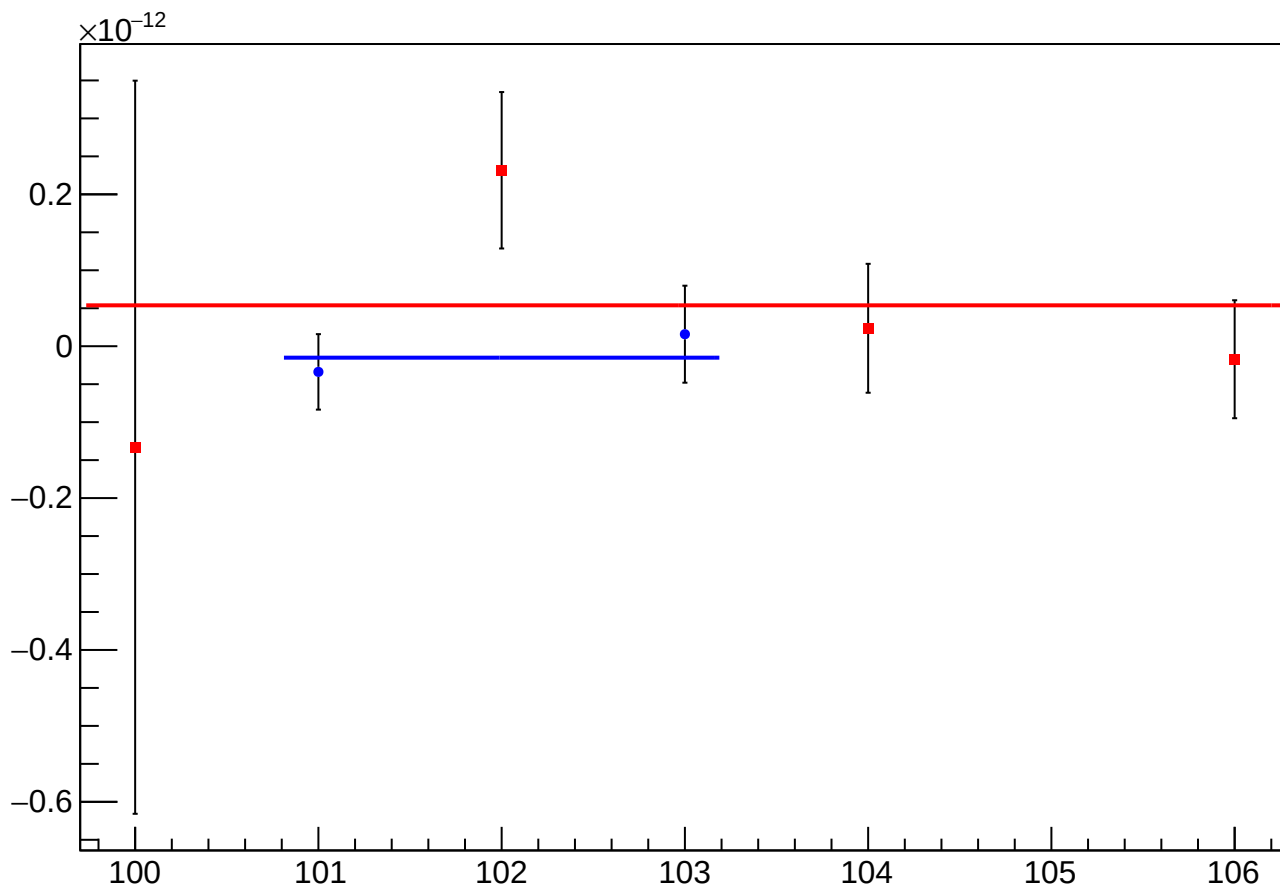
Right: 1071.069+/-0.453 χ^2/NDF : 21038.4/5

In: 1053.914+/-0.666 χ^2/NDF : 8014.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.069+/-0.453 χ^2/NDF : 21038.4/5

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

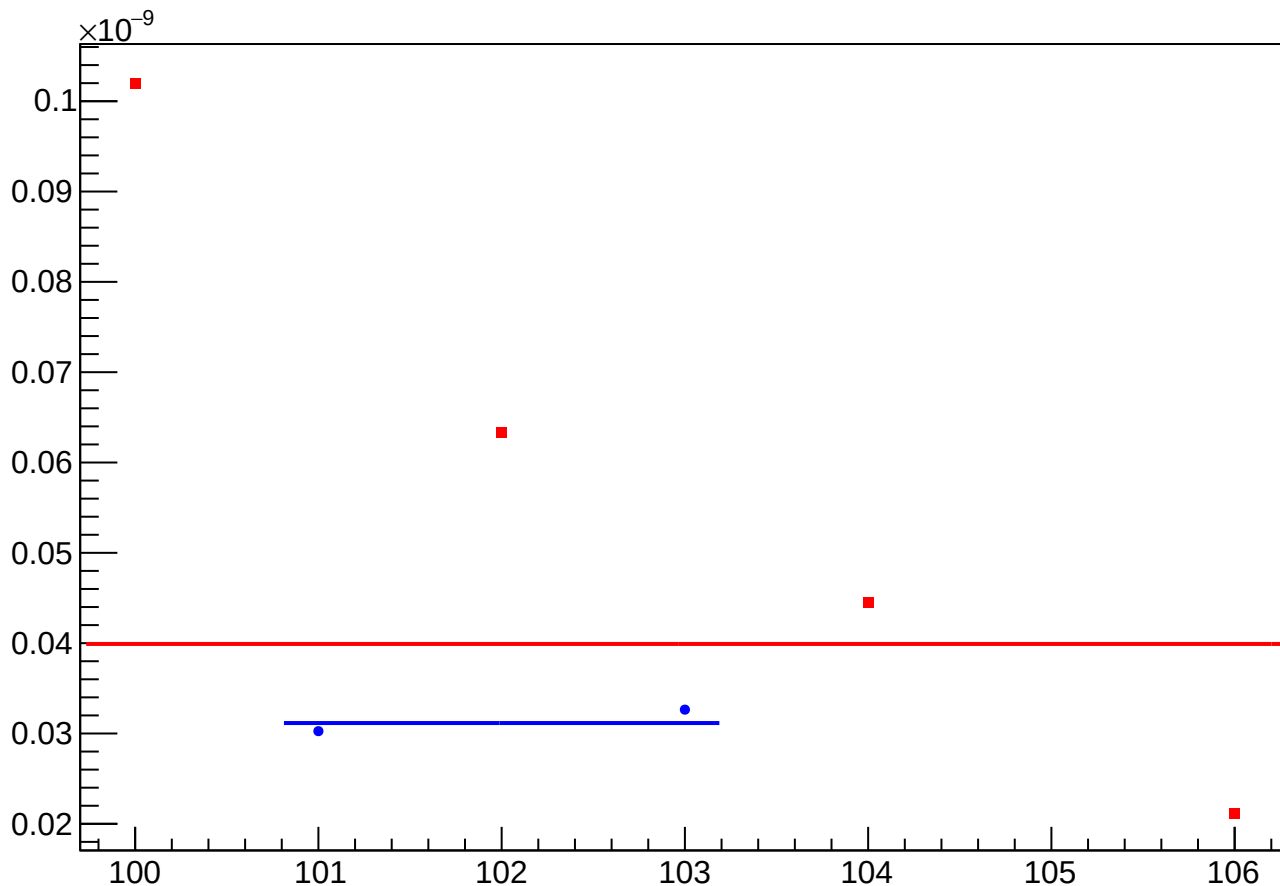
Right: 0.000+/-0.000 χ^2/NDF : 5.7/5

In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.7/5

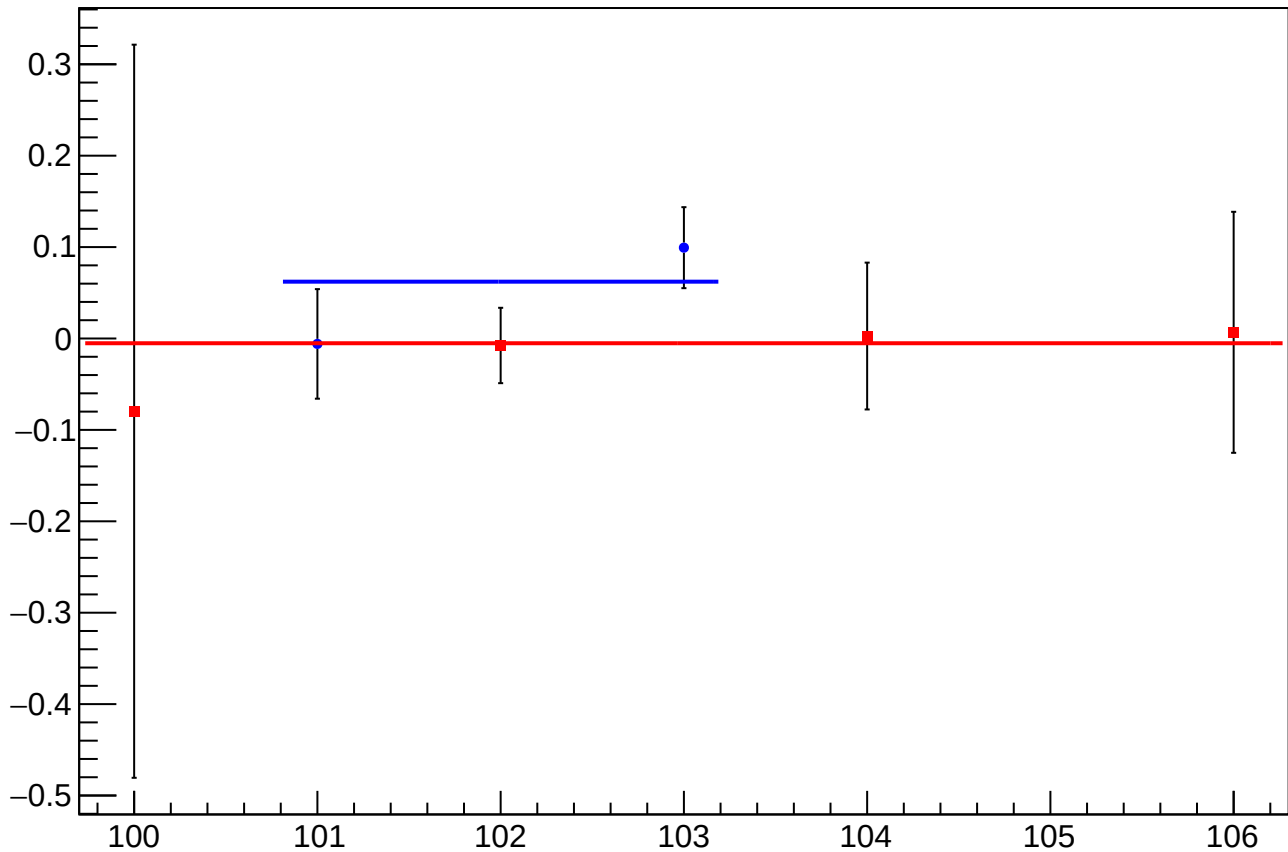
asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1730.6/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 258411.7/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 298278.1/5
 In: 0.000+/-0.000 χ^2/NDF : 1730.6/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 298278.1/5

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 0.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

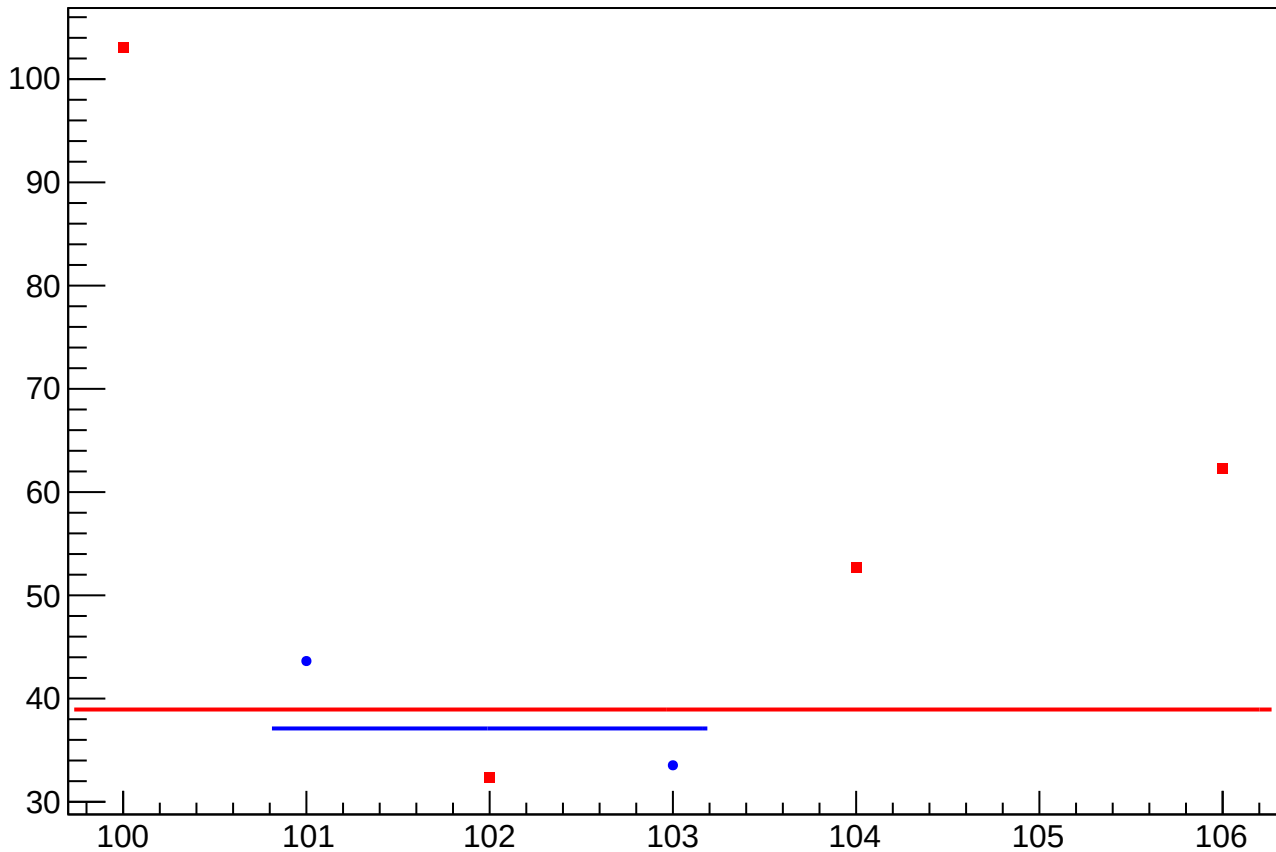
Right: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105 $\pm$ 0.025 χ^2 /NDF: 36710.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.940 $\pm$ 0.025 χ^2 /NDF: 223438.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

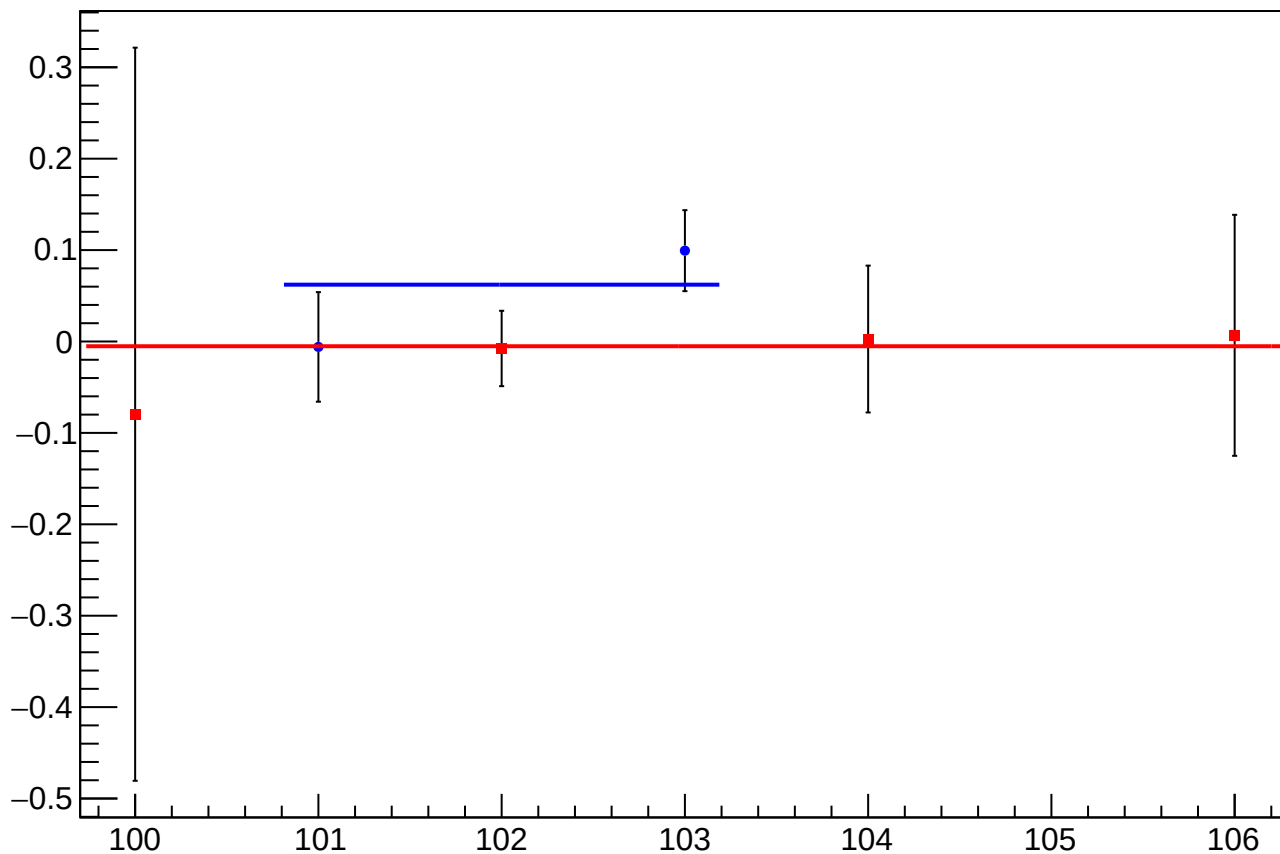
Right: 38.034 $\pm$ 0.018 χ^2 /NDF: 262832.7/5

In: 37.105 $\pm$ 0.025 χ^2 /NDF:36710.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.034 $\pm$ 0.018 χ^2 /NDF: 262832.7/5

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 0.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

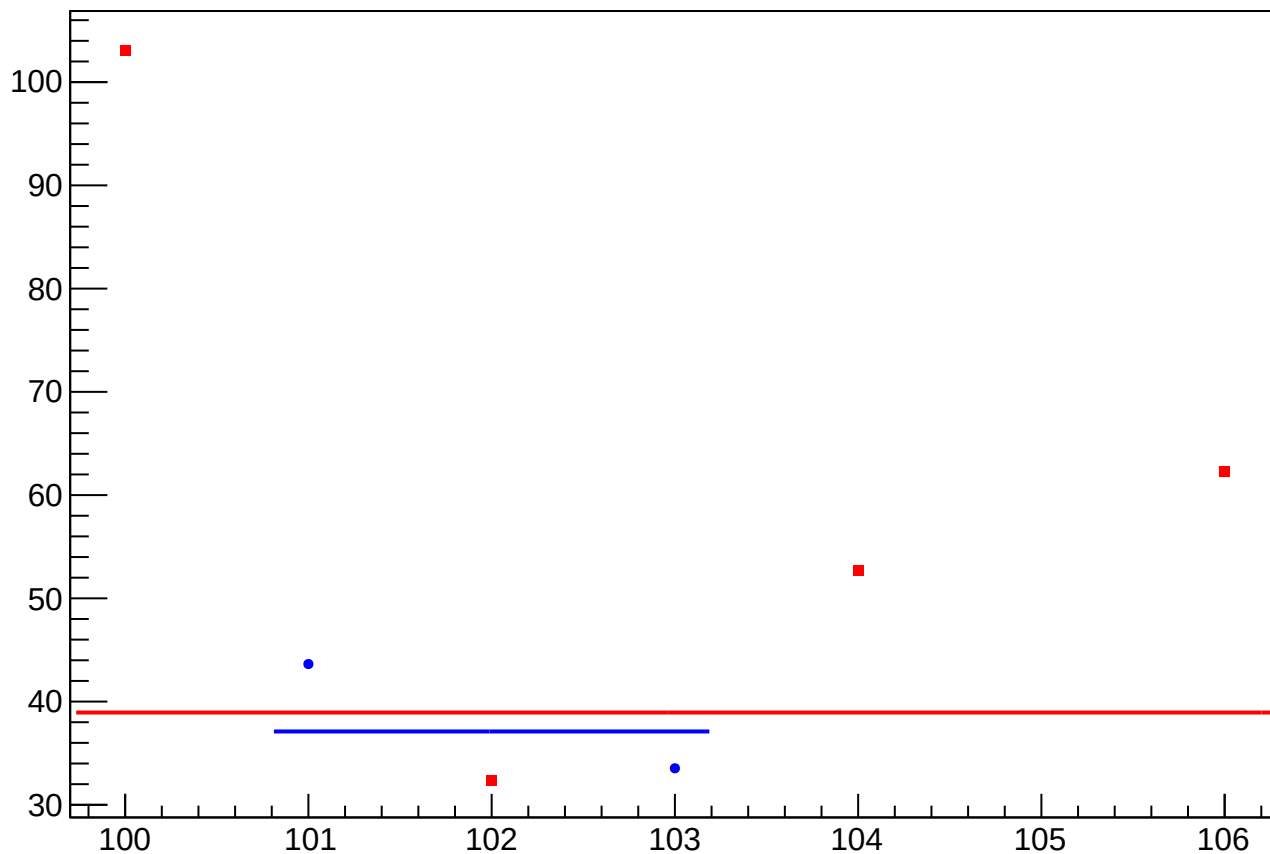
Right: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105 $\pm$ 0.025 χ^2 /NDF: 36710.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.940 $\pm$ 0.025 χ^2 /NDF: 223438.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

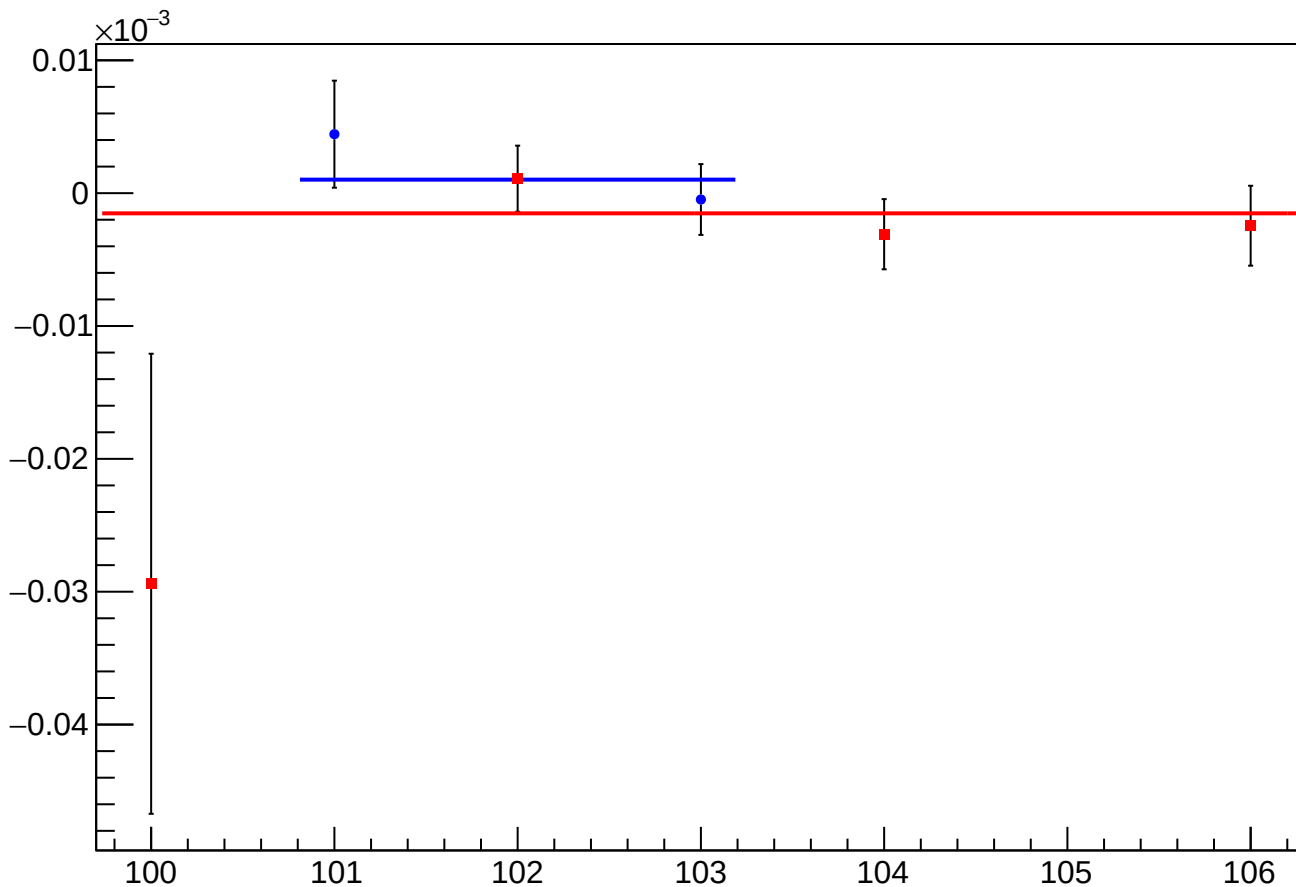
Right: 38.034 $\pm$ 0.018 χ^2 /NDF: 262832.7/5

In: 37.105 $\pm$ 0.025 χ^2 /NDF:36710.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.034 $\pm$ 0.018 χ^2 /NDF: 262832.7/5

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

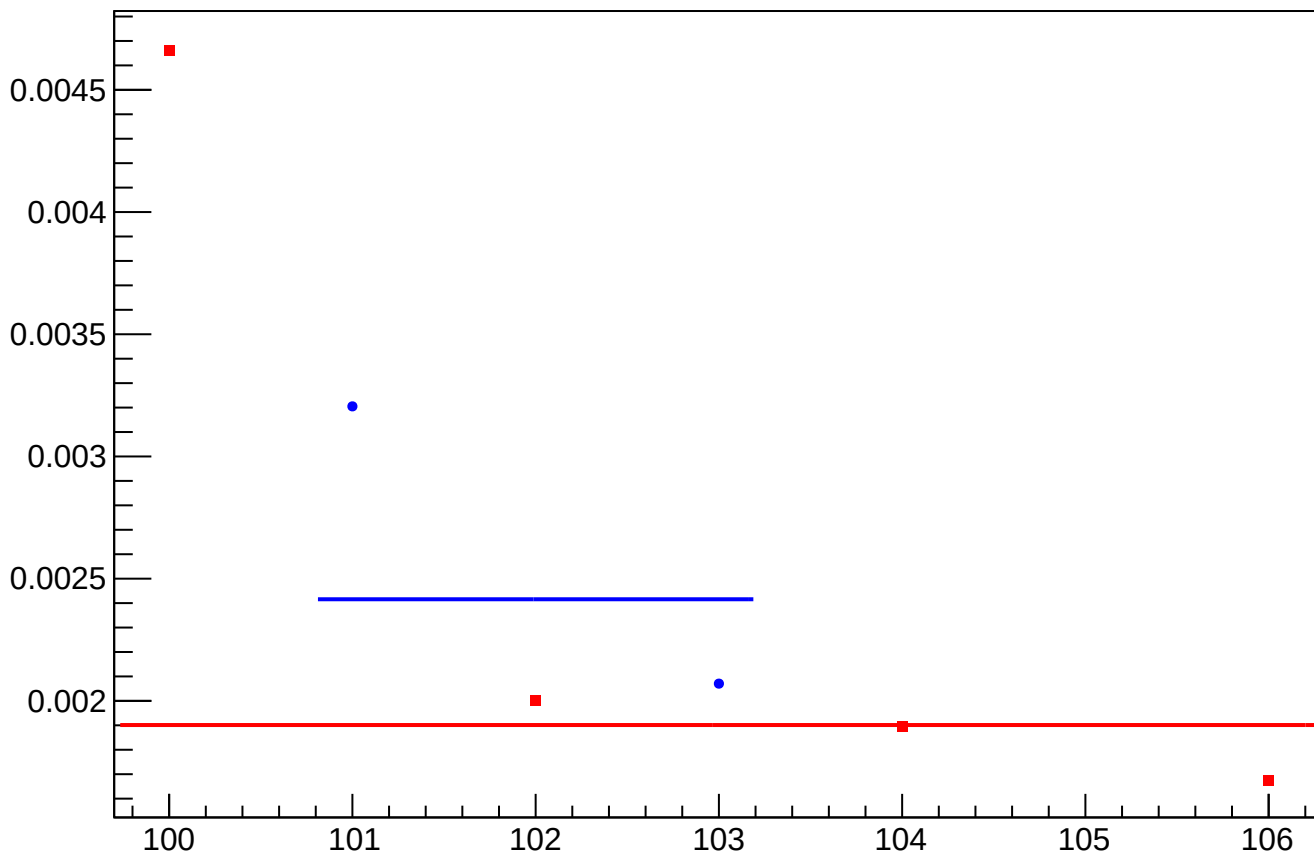
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/5

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 110353.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 65407.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

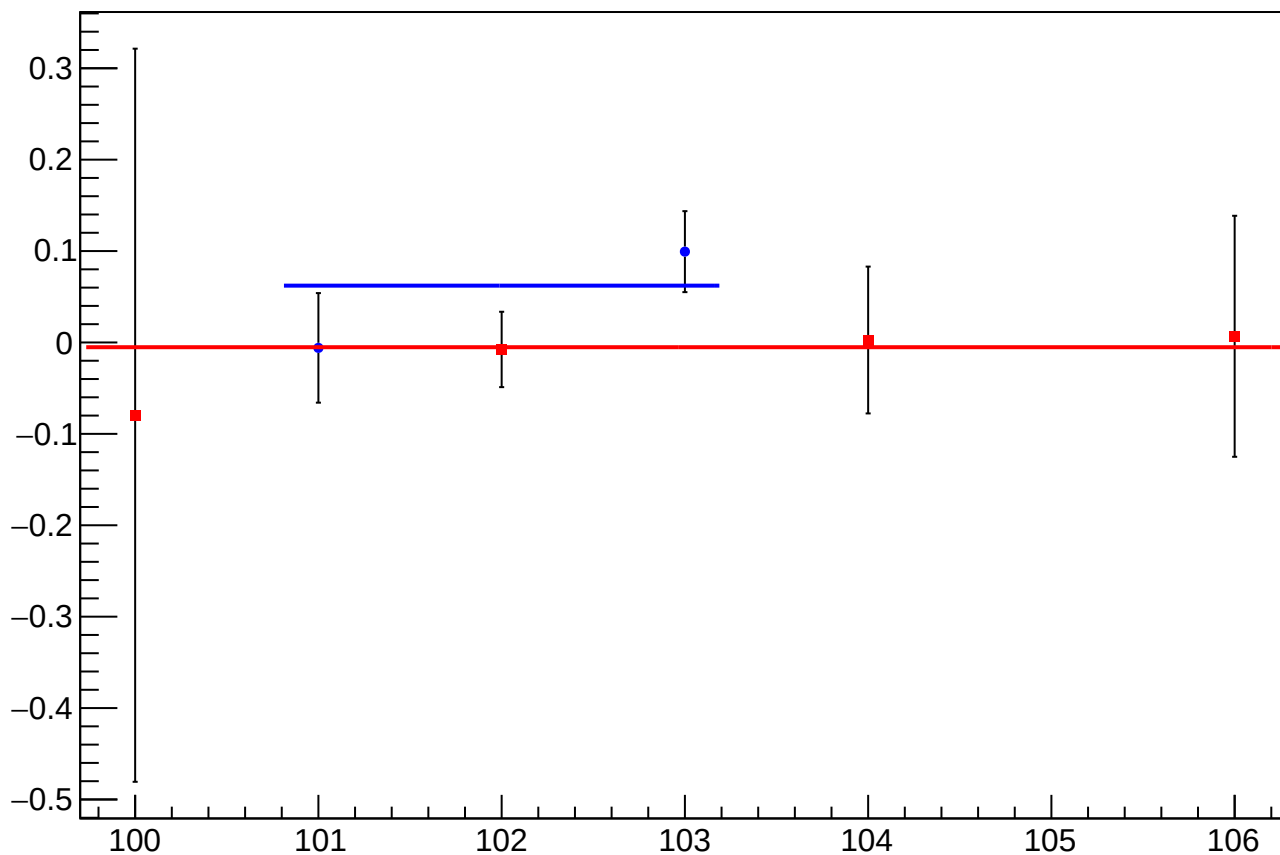
Right: 0.002+/-0.000 χ^2/NDF : 248047.2/5

In: 0.002+/-0.000 χ^2/NDF : 110353.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 248047.2/5

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 0.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

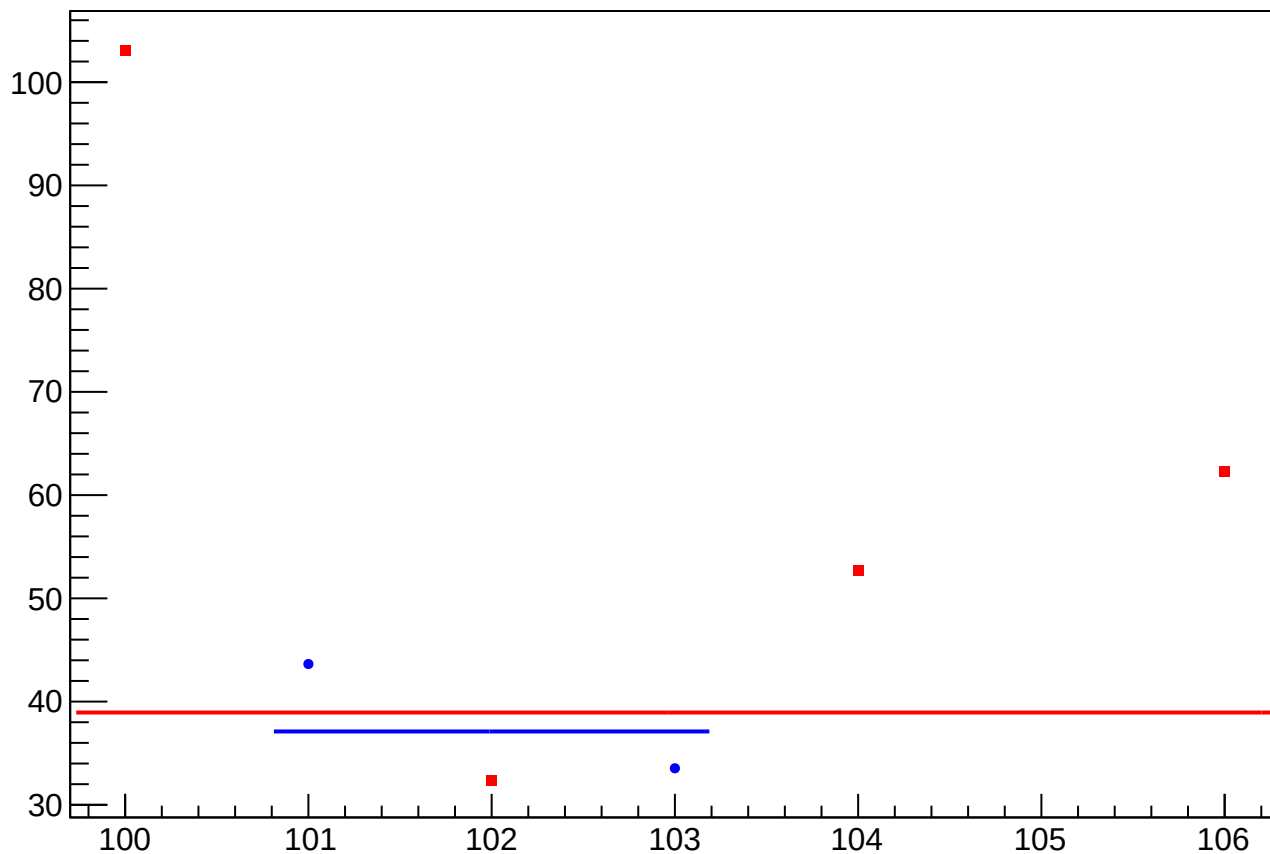
Right: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.941+/-0.025 χ^2/NDF : 223441.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

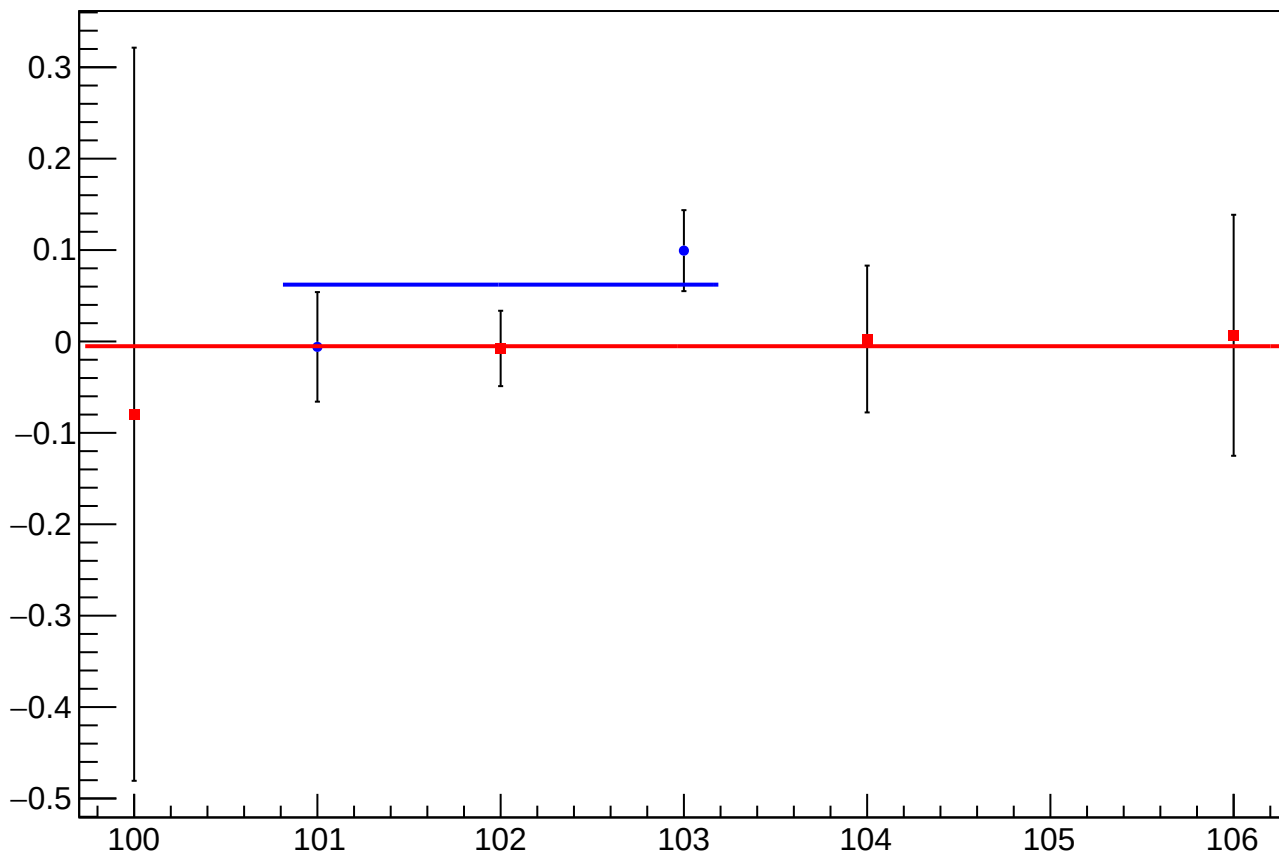
Right: 38.035+/-0.018 χ^2/NDF : 262842.9/5

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.035+/-0.018 χ^2/NDF : 262842.9/5

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.036 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.035 χ^2 /NDF: 0.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

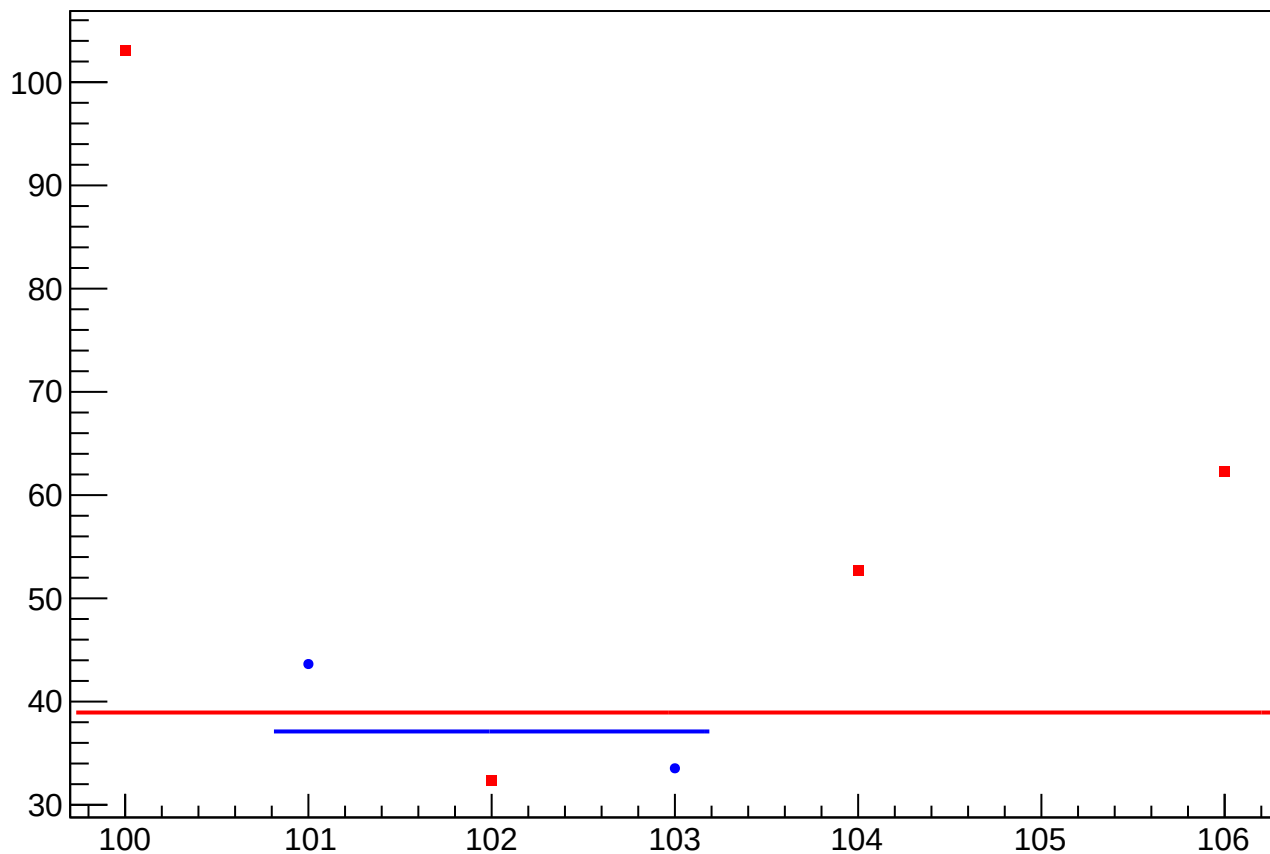
Right: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

In: 0.062 $\pm$ 0.036 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.028 $\pm$ 0.025 χ^2 /NDF: 3.9/5

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.941+/-0.025 χ^2/NDF : 223441.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

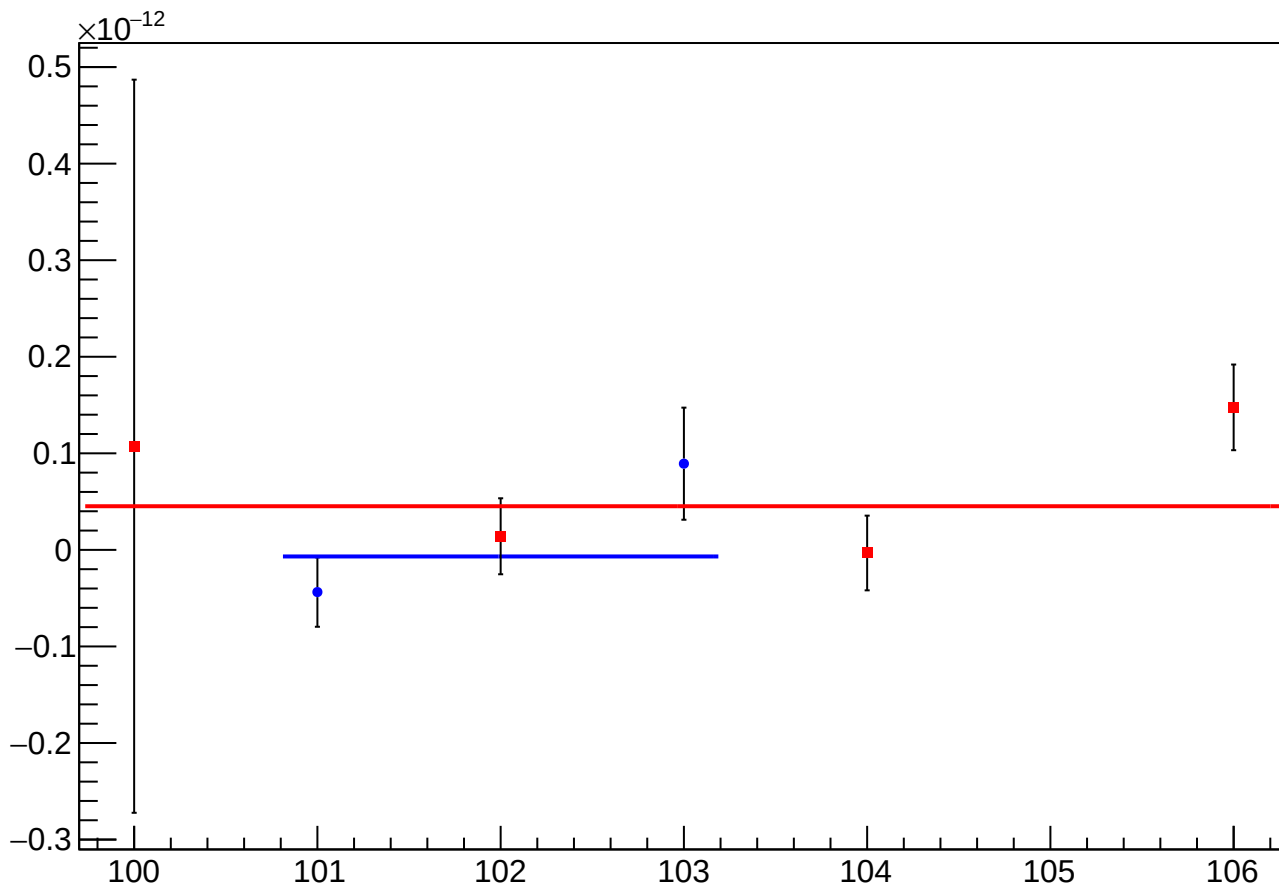
Right: 38.035+/-0.018 χ^2/NDF : 262842.9/5

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.035+/-0.018 χ^2/NDF : 262842.9/5

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

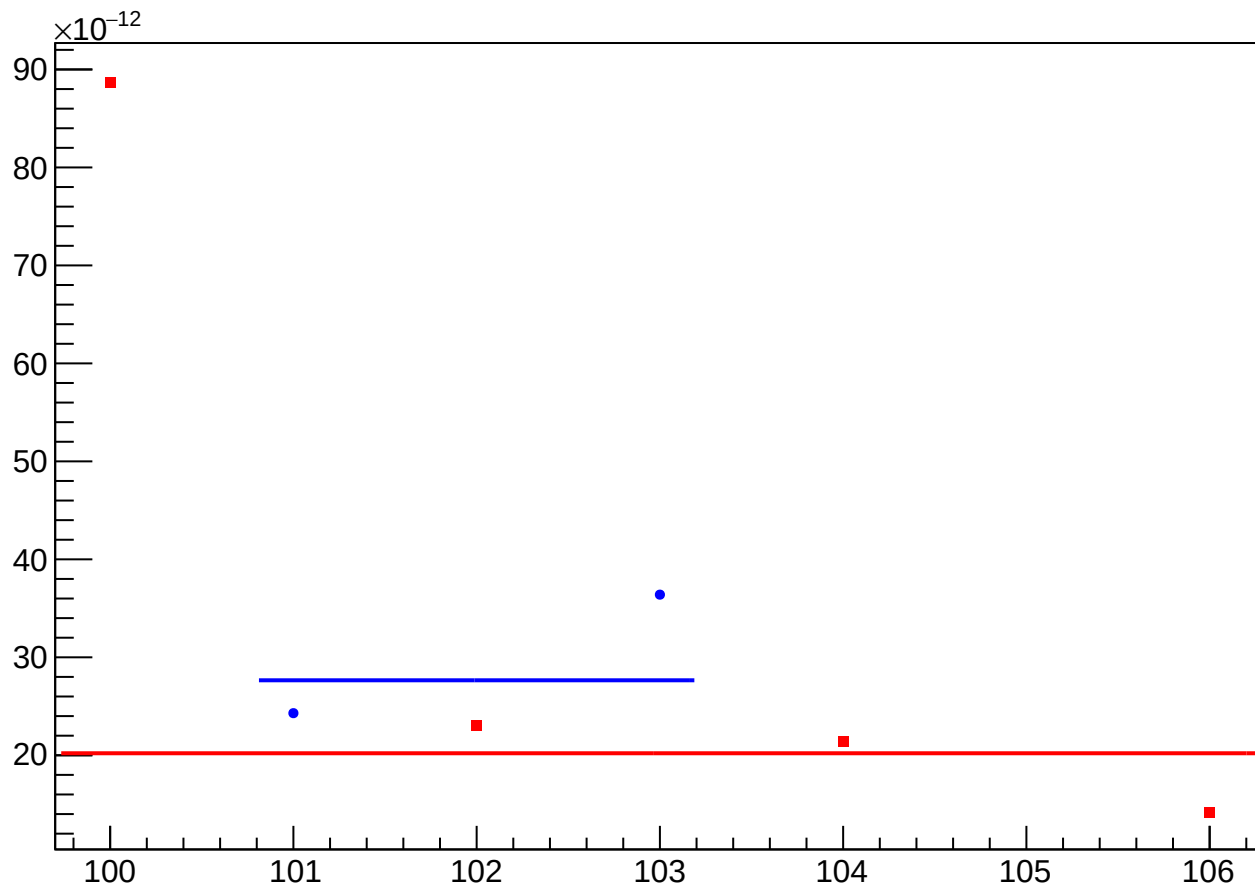
Right: 0.000+/-0.000 χ^2/NDF : 13.2/5

In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/5

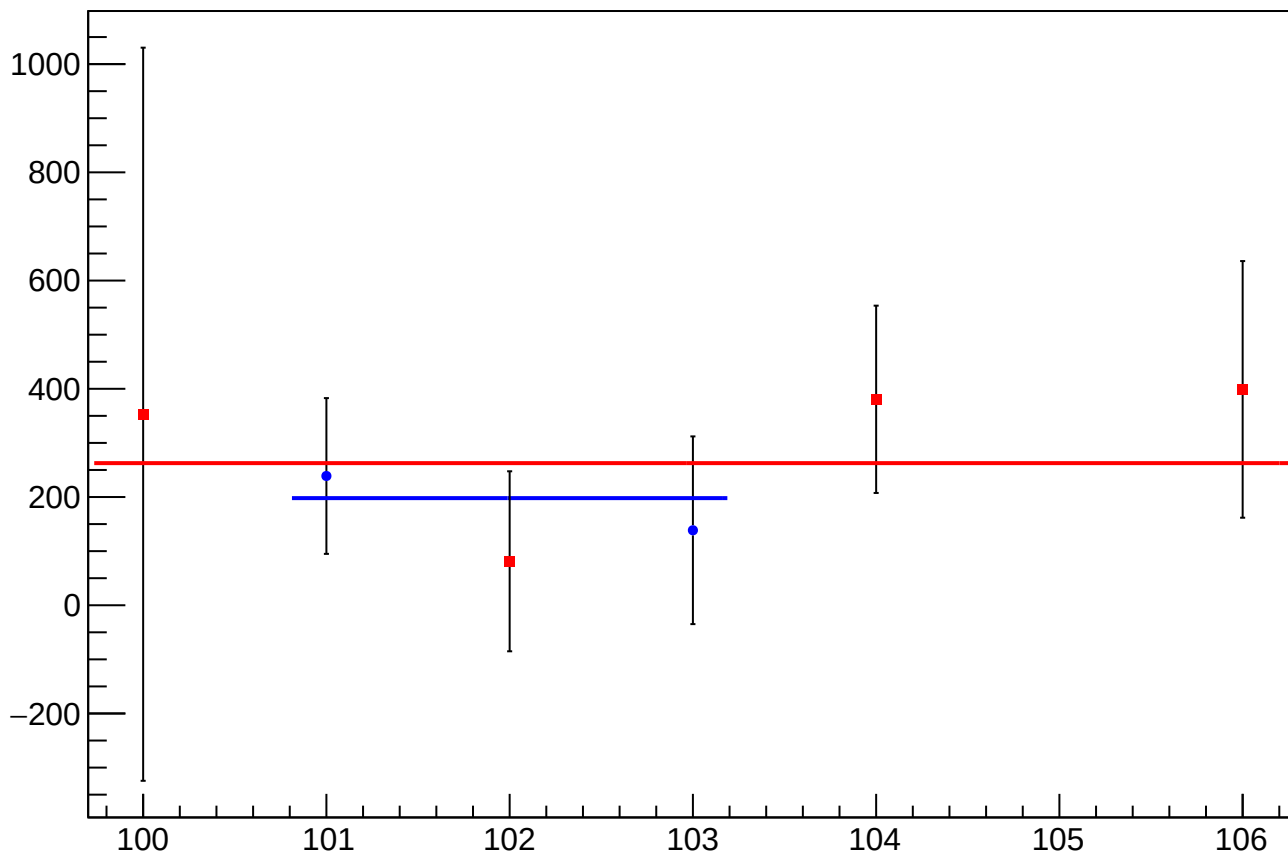
asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 62784.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 114229.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 251933.6/5
 In: 0.000+/-0.000 χ^2/NDF : 62784.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 251933.6/5

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.975 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 262.642 $\pm$ 105.705 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

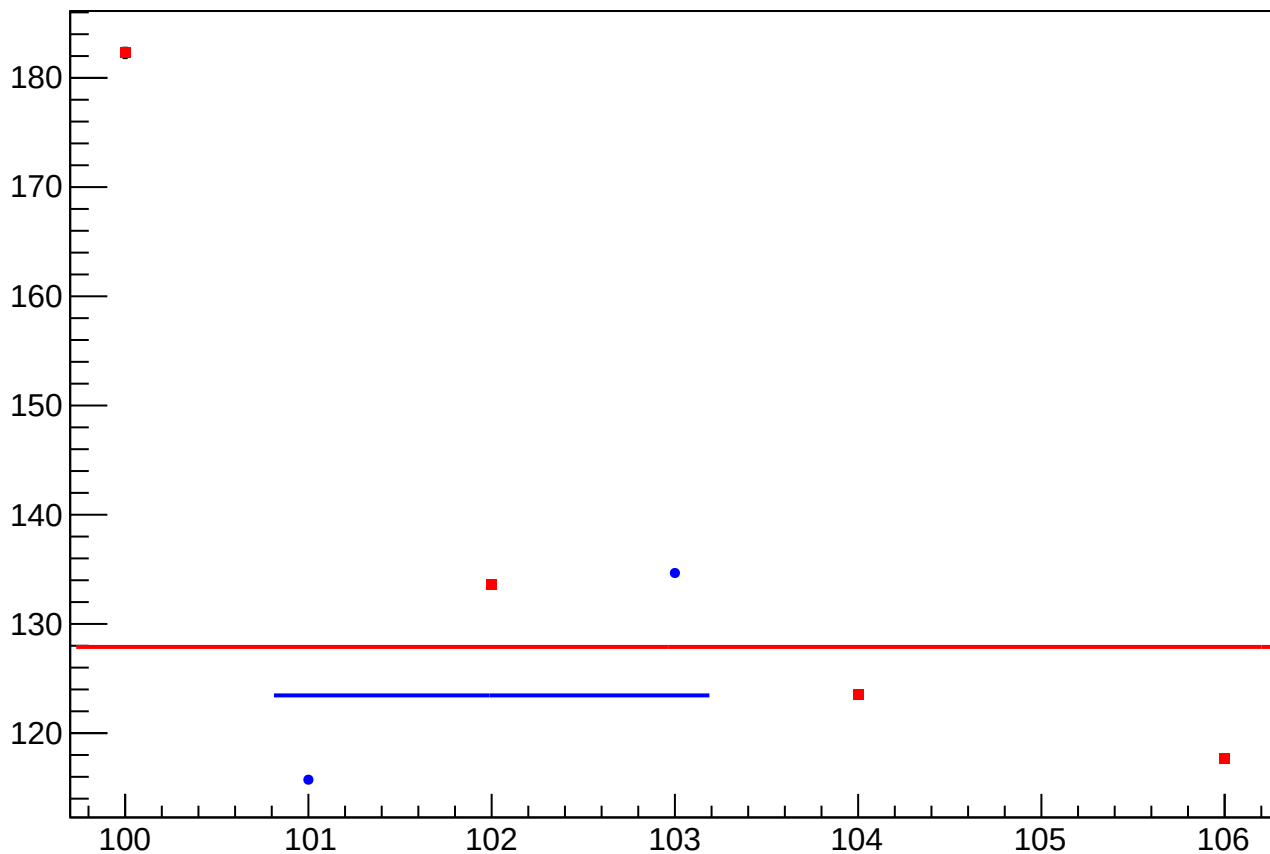
Right: 231.817 $\pm$ 76.468 χ^2 /NDF: 2.4/5

In: 197.975 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 231.817 $\pm$ 76.468 χ^2 /NDF: 2.4/5

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.895+/-0.075 χ^2/NDF : 20260.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

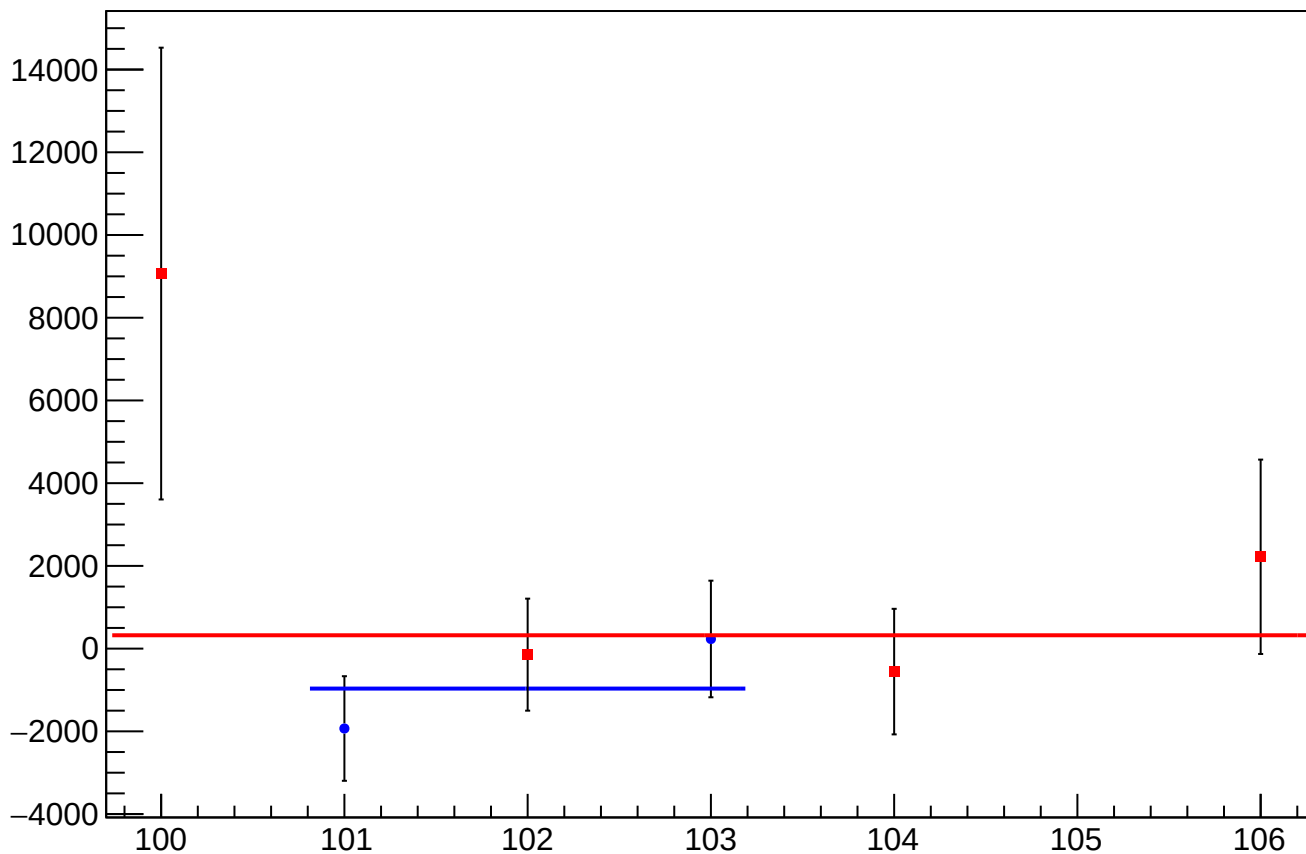
Right: 125.779+/-0.054 χ^2/NDF : 36044.9/5

In: 123.456+/-0.078 χ^2/NDF : 14103.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.779+/-0.054 χ^2/NDF : 36044.9/5

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -966.259+/-941.182 χ^2 /NDF: 1.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 322.726+/-915.139 χ^2 /NDF: 3.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

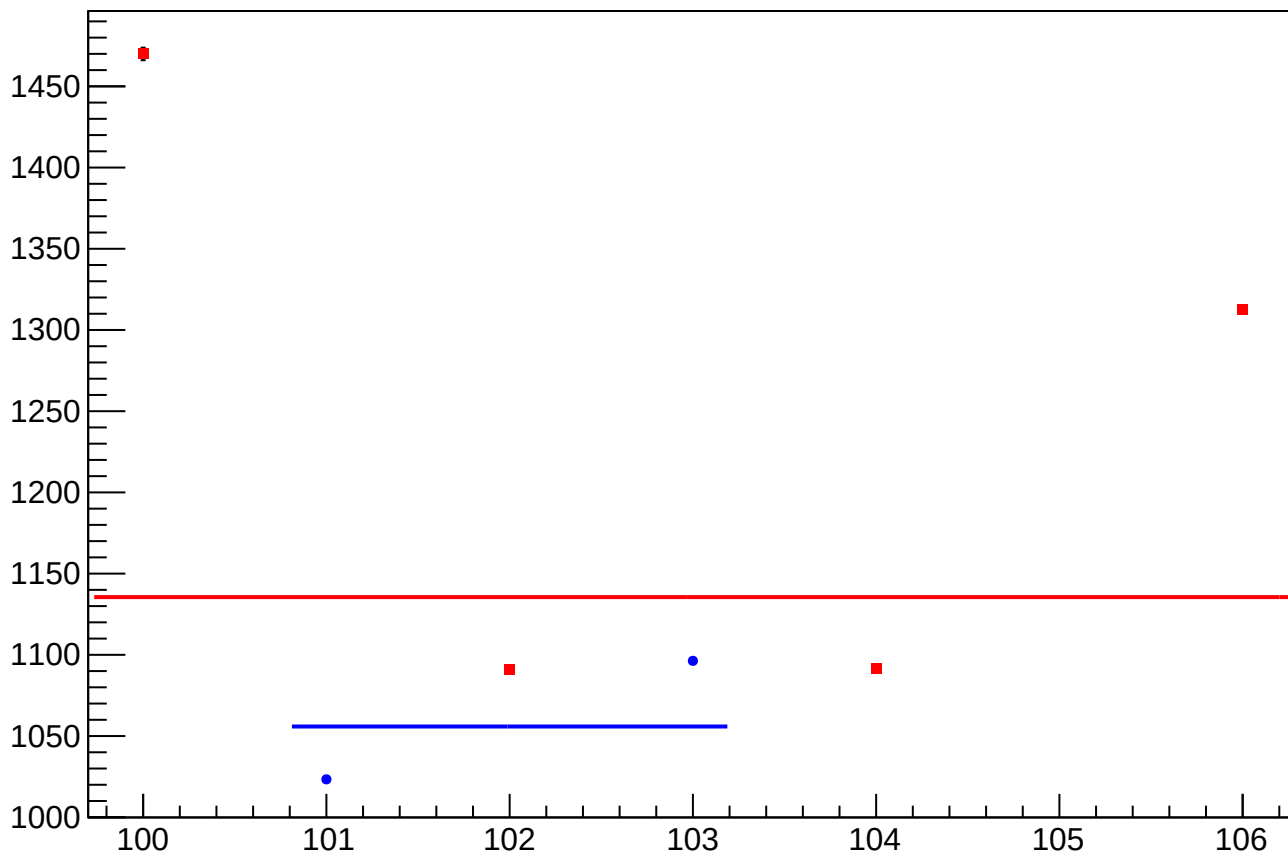
Right: -303.687+/-656.115 χ^2 /NDF: 5.9/5

In: -966.259+/-941.182 χ^2 /NDF:1.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -303.687+/-656.115 χ^2 /NDF: 5.9/5

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1055.869+/-0.666 χ^2/NDF : 2969.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1135.546+/-0.647 χ^2/NDF : 22730.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

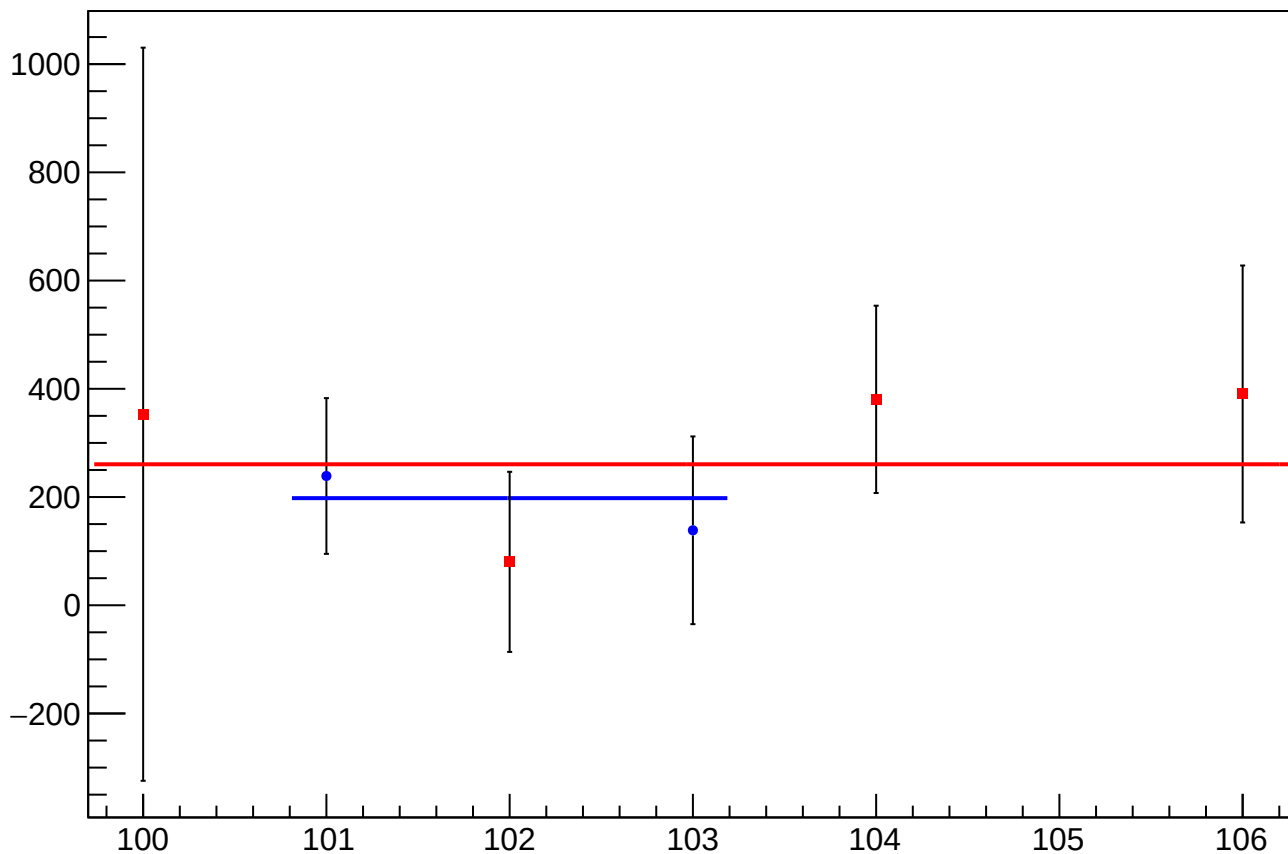
Right: 1096.825+/-0.464 χ^2/NDF : 33068.0/5

In: 1055.869+/-0.666 χ^2/NDF : 2969.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.825+/-0.464 χ^2/NDF : 33068.0/5

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.522 $\pm$ 105.752 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

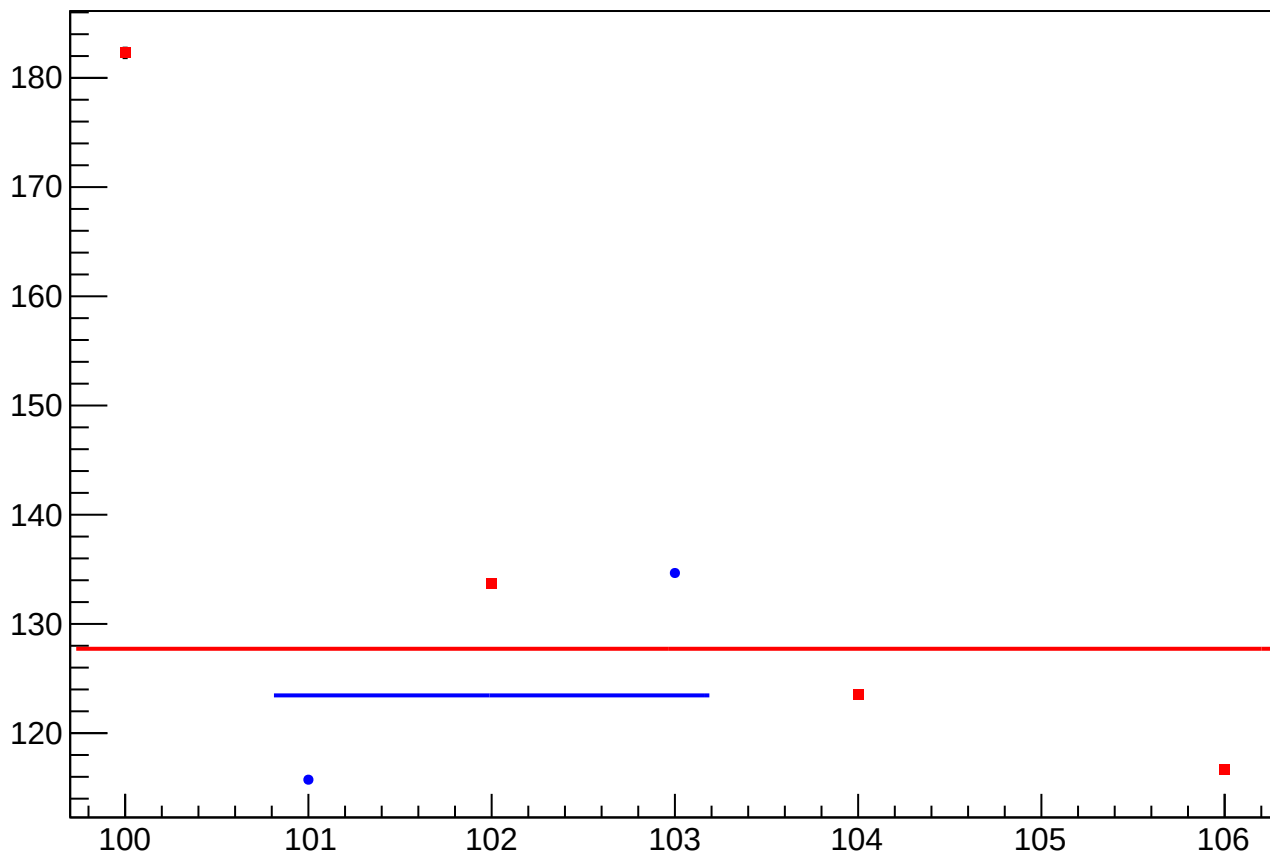
Right: 230.679 $\pm$ 76.486 χ^2 /NDF: 2.3/5

In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.679 $\pm$ 76.486 χ^2 /NDF: 2.3/5

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.725+/-0.075 χ^2/NDF : 21073.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

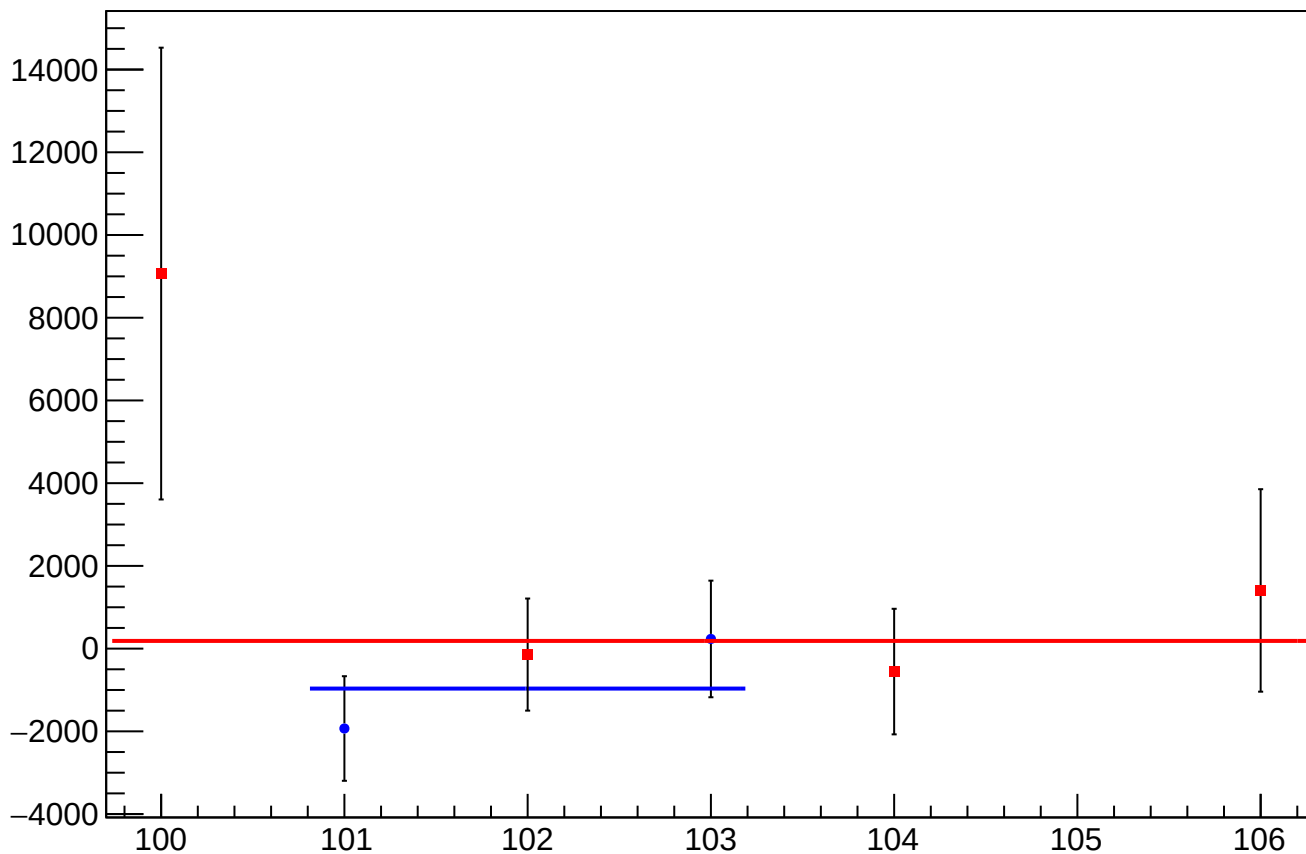
Right: 125.689+/-0.054 χ^2/NDF : 36731.3/5

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.689+/-0.054 χ^2/NDF : 36731.3/5

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.088+/-920.948 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

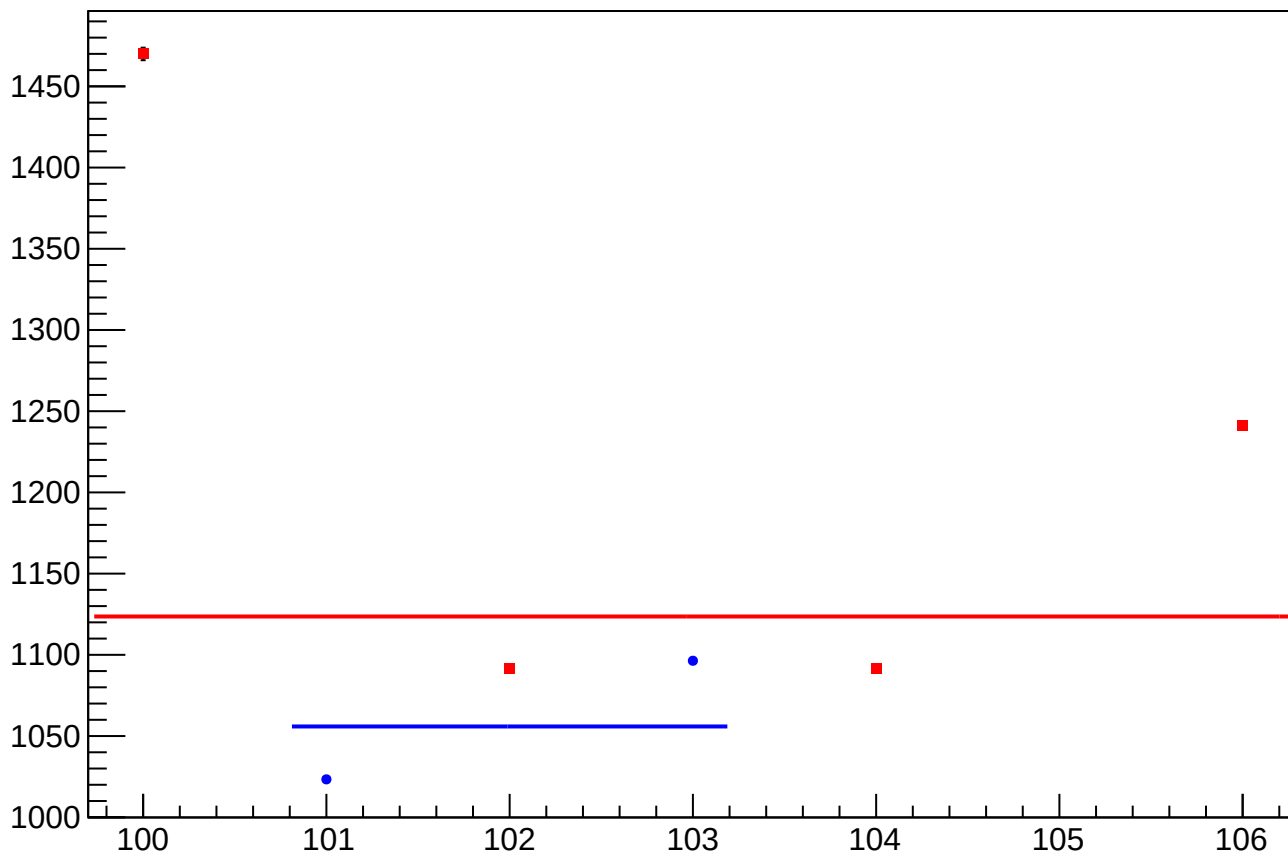
Right: -377.438+/-658.254 χ^2/NDF : 5.3/5

In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.438+/-658.254 χ^2/NDF : 5.3/5

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1055.893 ± 0.666 χ^2/NDF : 2973.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1123.603 ± 0.651 χ^2/NDF : 14624.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

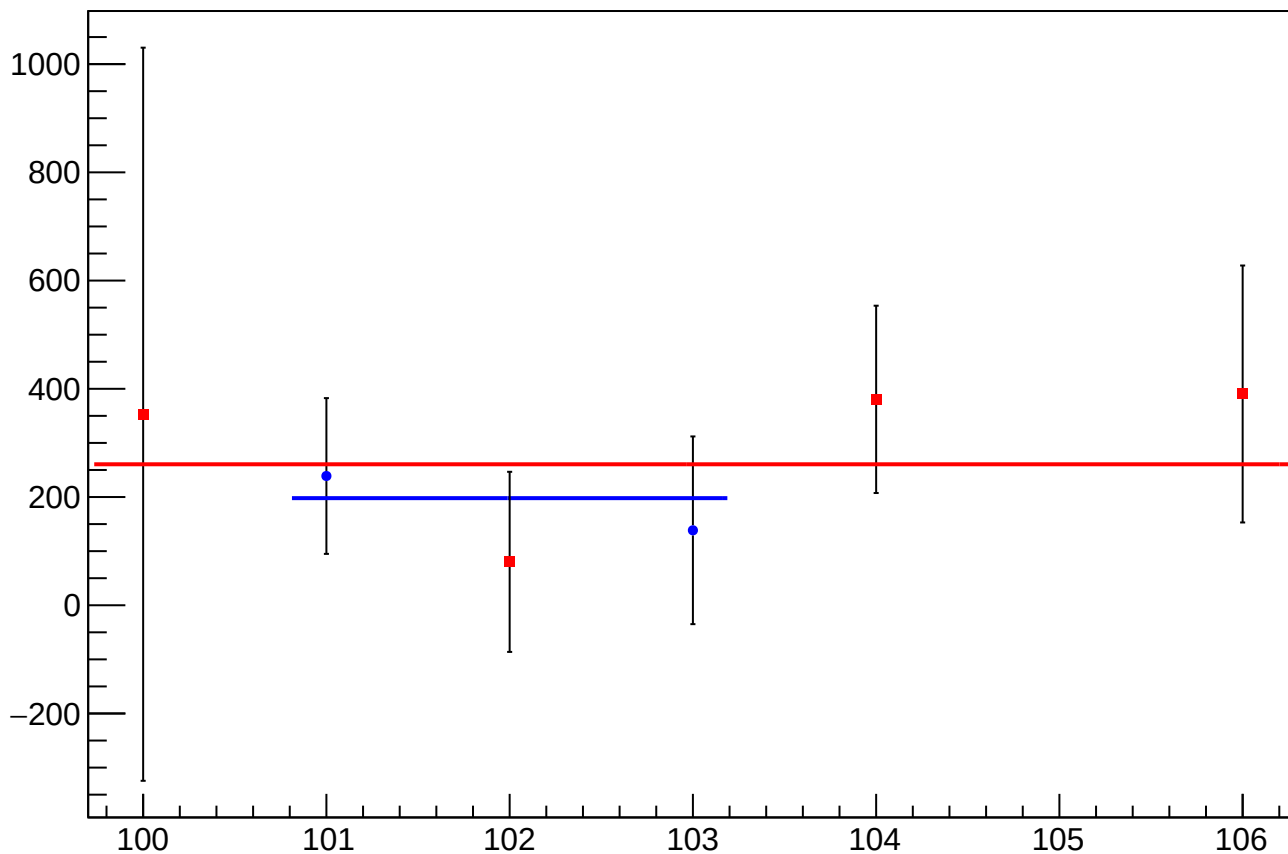
Right: 1090.485 ± 0.465 χ^2/NDF : 22886.2/5

In: 1055.893 ± 0.666 χ^2/NDF : 2973.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1090.485 ± 0.465 χ^2/NDF : 22886.2/5

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.522 $\pm$ 105.752 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

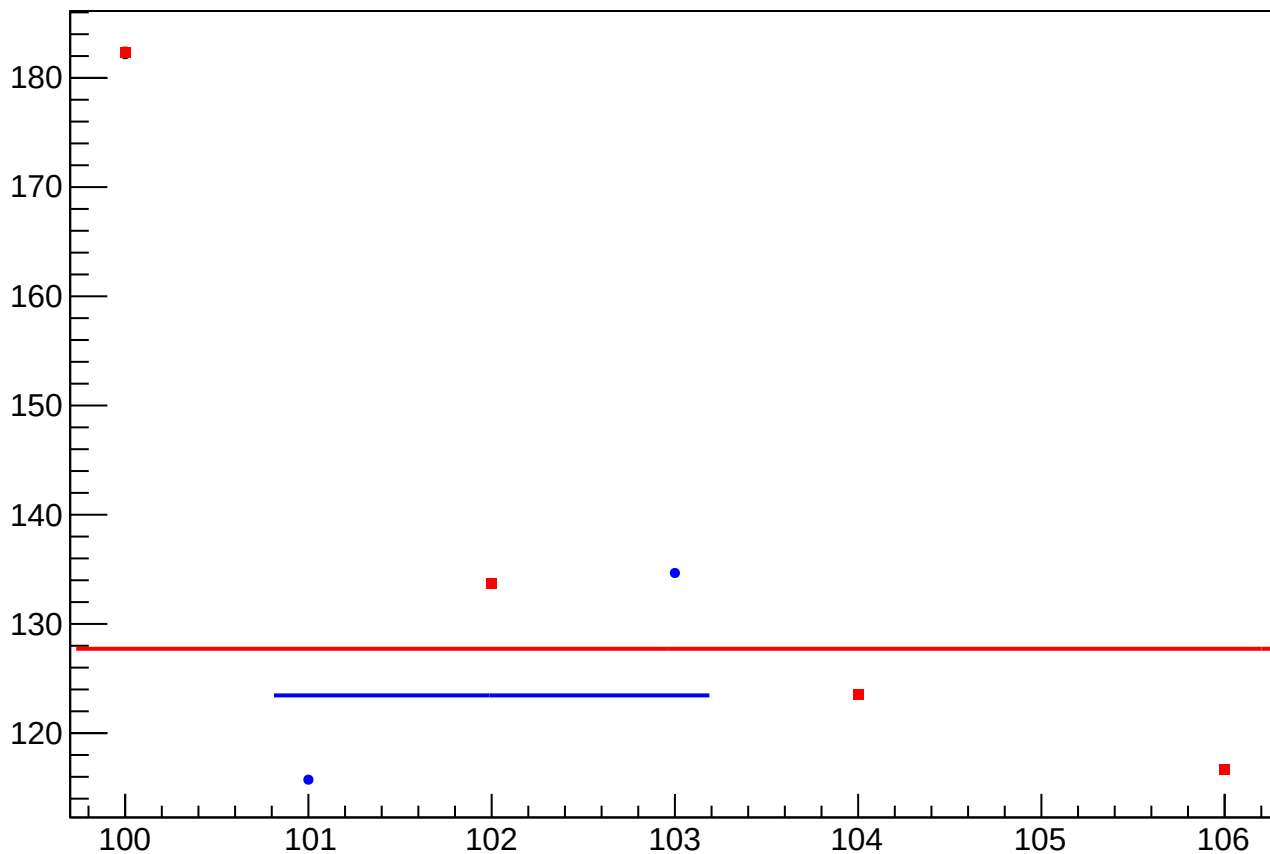
Right: 230.679 $\pm$ 76.486 χ^2 /NDF: 2.3/5

In: 197.945 $\pm$ 110.757 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.679 $\pm$ 76.486 χ^2 /NDF: 2.3/5

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.725+/-0.075 χ^2/NDF : 21073.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

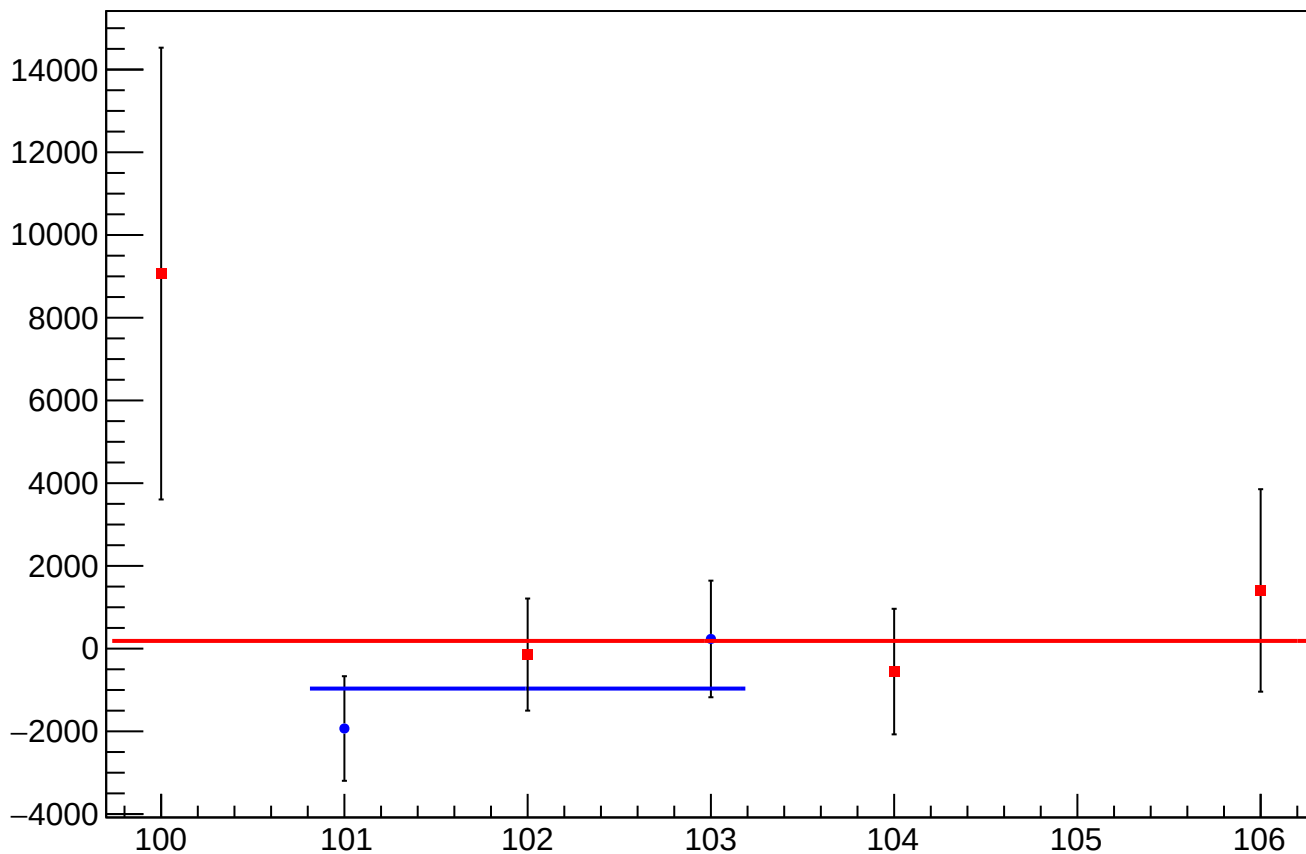
Right: 125.689+/-0.054 χ^2/NDF : 36731.3/5

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.689+/-0.054 χ^2/NDF : 36731.3/5

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.088+/-920.948 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

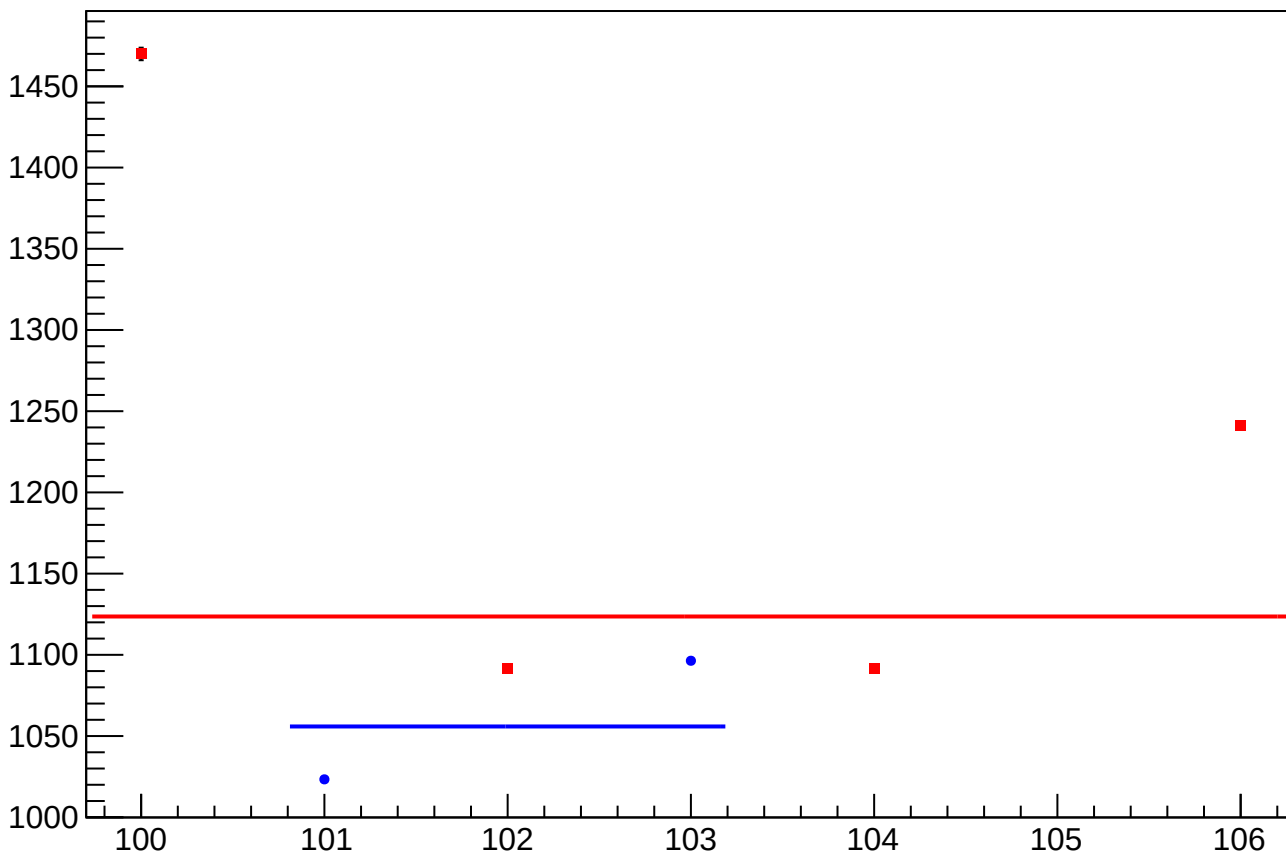
Right: -377.438+/-658.254 χ^2/NDF : 5.3/5

In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.438+/-658.254 χ^2/NDF : 5.3/5

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.603+/-0.651 χ^2/NDF : 14624.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

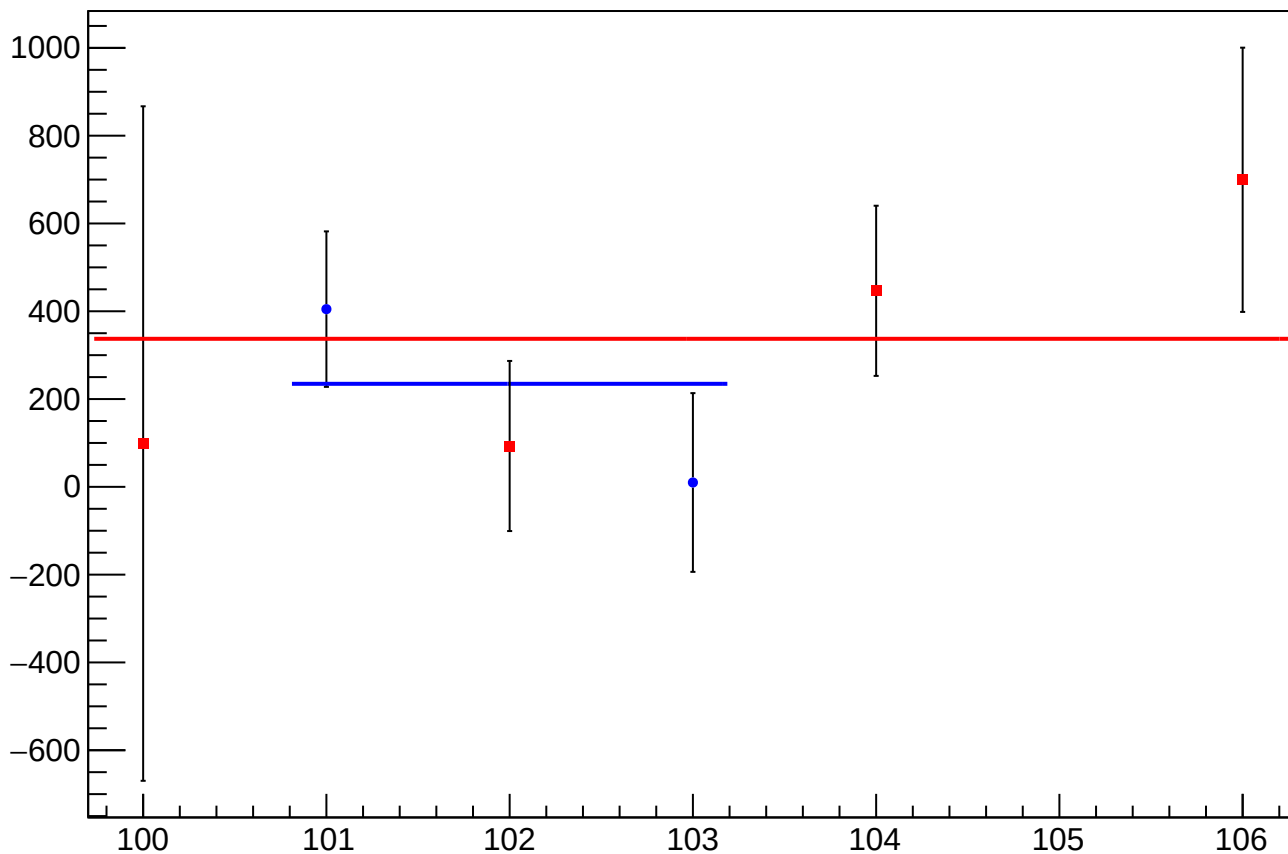
Right: 1090.485+/-0.465 χ^2/NDF : 22886.2/5

In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.485+/-0.465 χ^2/NDF : 22886.2/5

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 234.719 $\pm$ 133.629 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 337.259 $\pm$ 123.104 χ^2 /NDF: 3.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

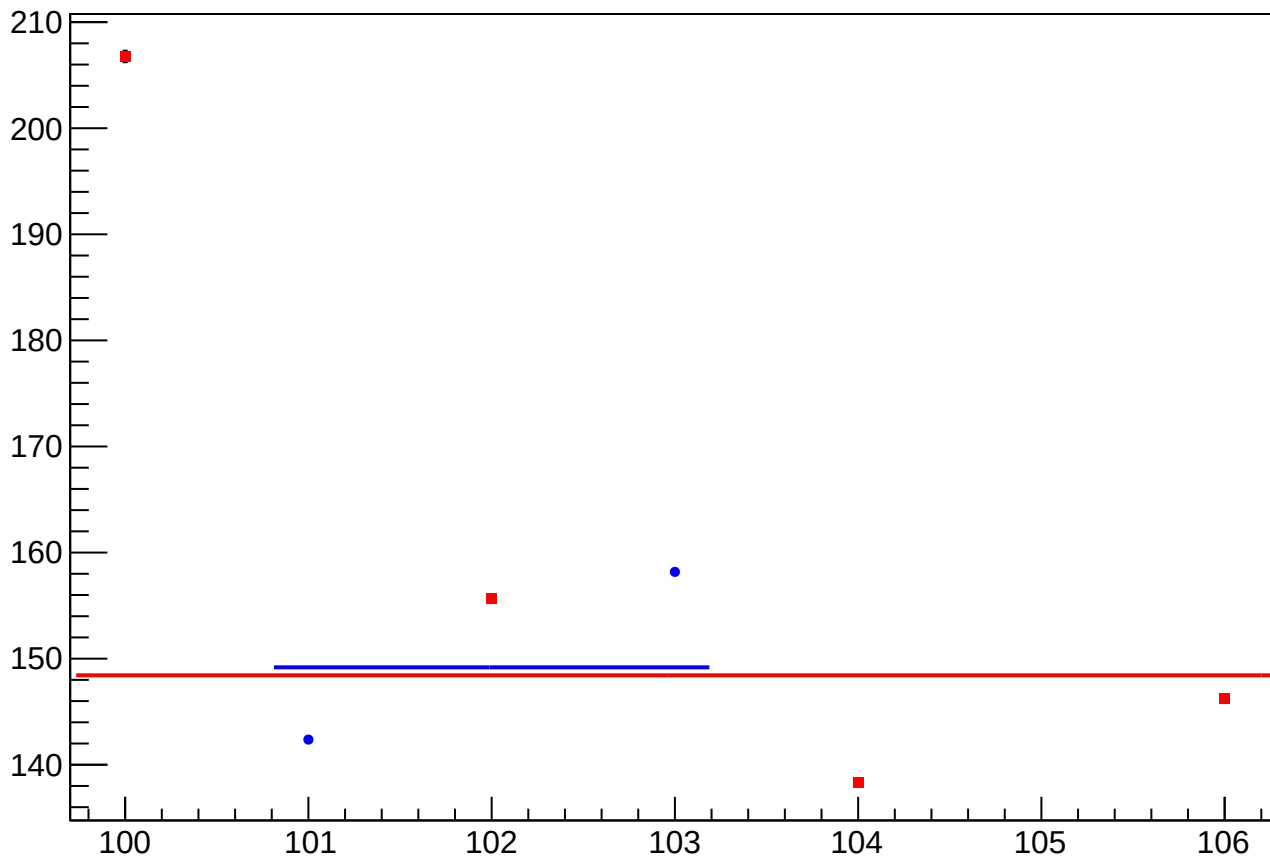
Right: 290.186 $\pm$ 90.540 χ^2 /NDF: 5.9/5

In: 234.719 $\pm$ 133.629 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 290.186 $\pm$ 90.540 χ^2 /NDF: 5.9/5

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 149.182+/-0.094 χ^2/NDF : 6862.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.431+/-0.087 χ^2/NDF : 19865.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

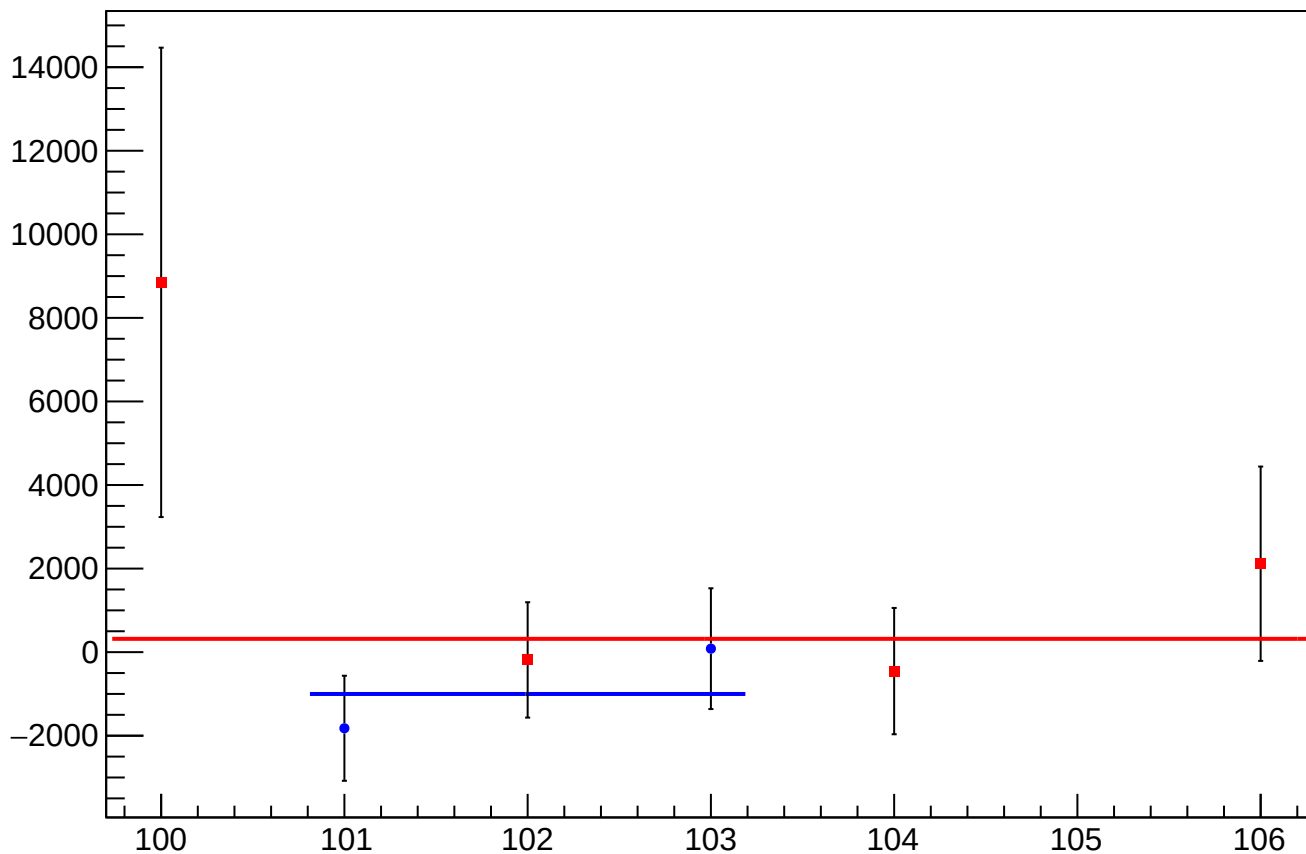
Right: 148.775+/-0.064 χ^2/NDF : 26761.9/5

In: 149.182+/-0.094 χ^2/NDF : 6862.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.775+/-0.064 χ^2/NDF : 26761.9/5

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1001.103+/-948.643 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.461+/-921.018 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

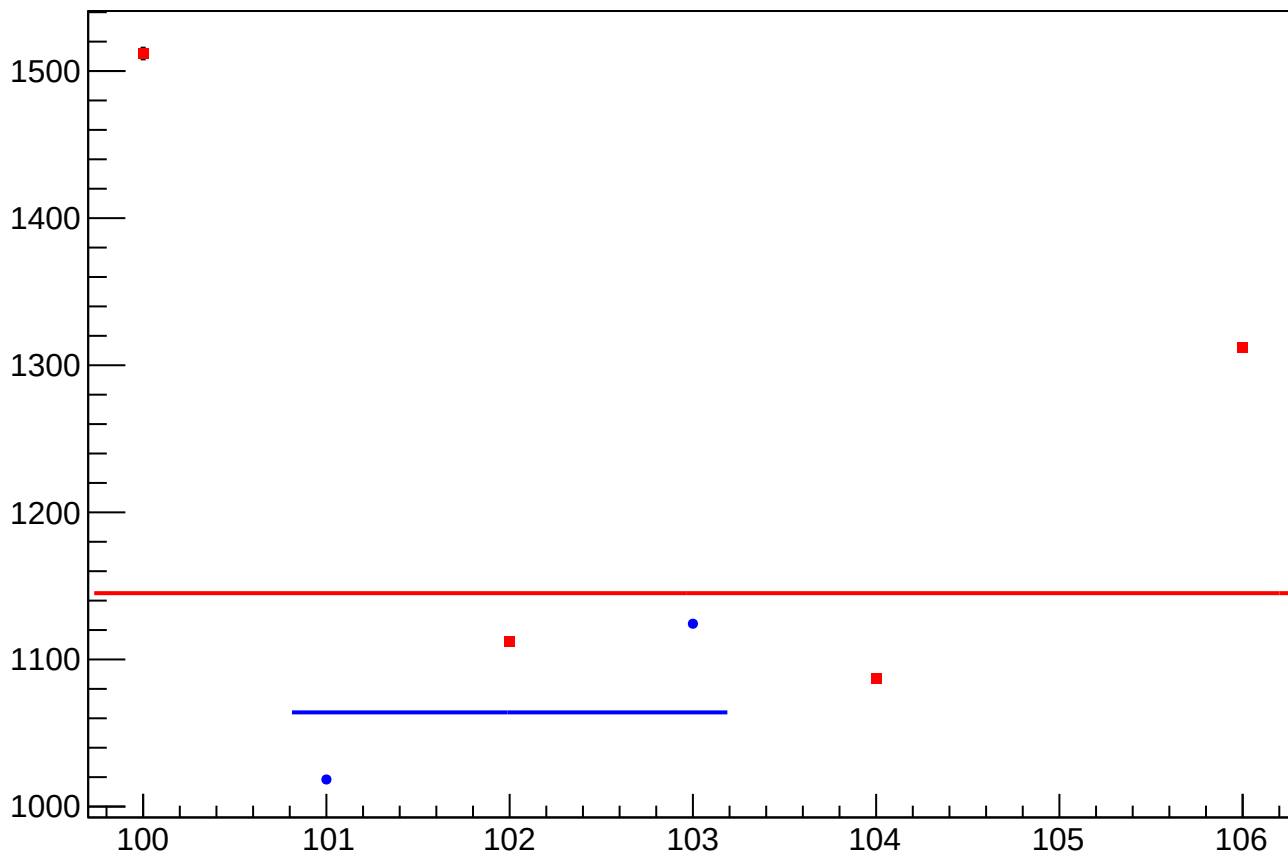
Right: -321.828+/-660.809 χ^2/NDF : 5.3/5

In: -1001.103+/-948.643 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.828+/-660.809 χ^2/NDF : 5.3/5

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1064.020+/-0.671 χ^2/NDF : 6110.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.063+/-0.651 χ^2/NDF : 22945.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

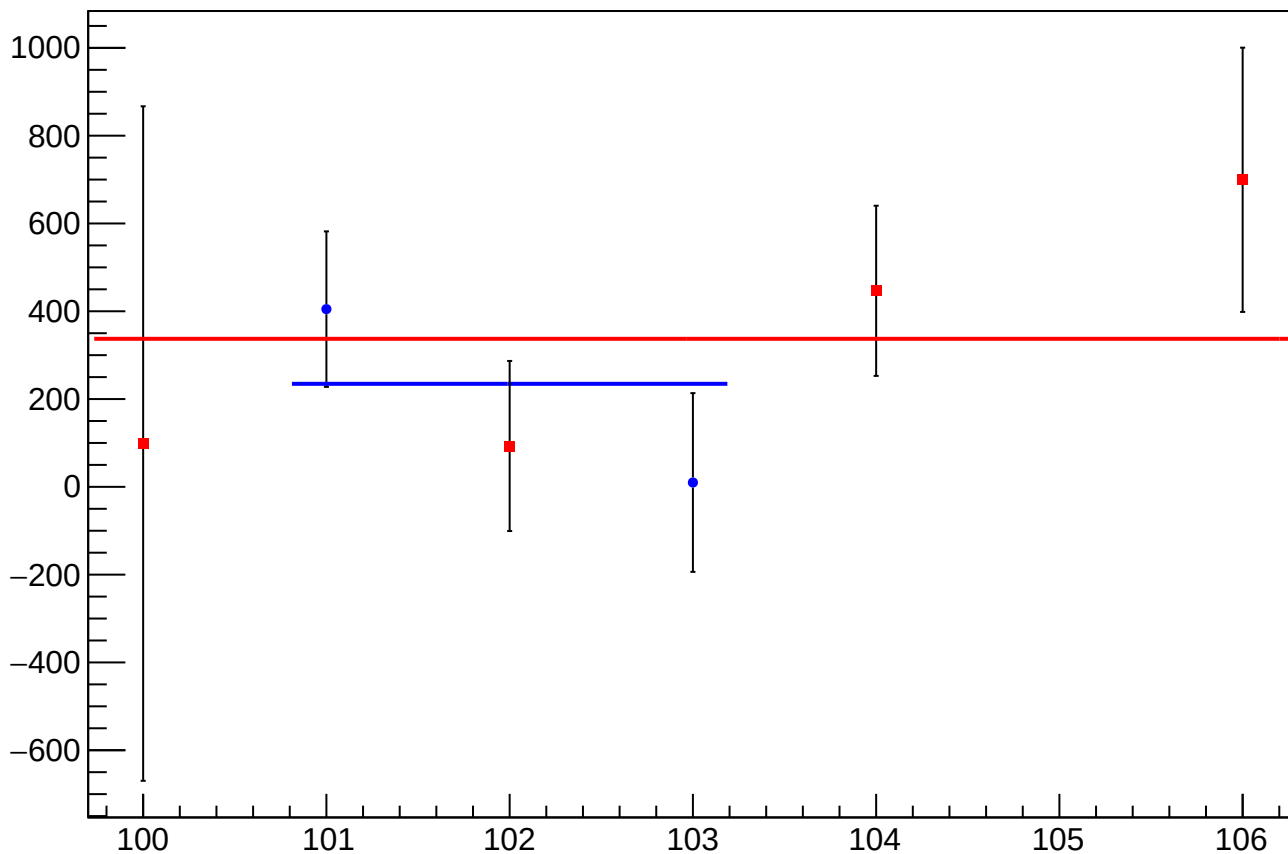
Right: 1105.739+/-0.467 χ^2/NDF : 36570.6/5

In: 1064.020+/-0.671 χ^2/NDF : 6110.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.739+/-0.467 χ^2/NDF : 36570.6/5

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 234.716+/-133.629 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 337.260+/-123.104 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

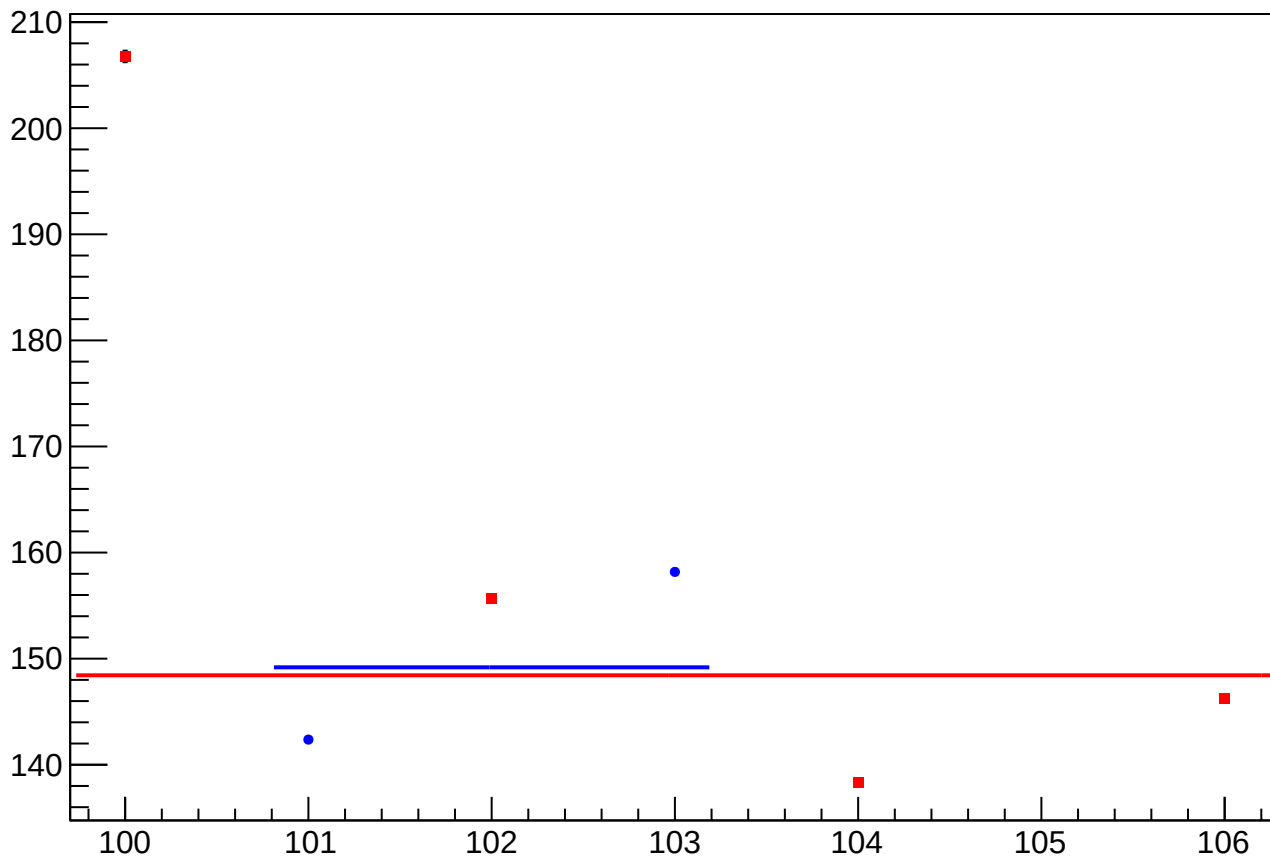
Right: 290.185+/-90.540 χ^2/NDF : 5.9/5

In: 234.716+/-133.629 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.185+/-90.540 χ^2/NDF : 5.9/5

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 149.181+/-0.094 χ^2/NDF : 6861.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.430+/-0.087 χ^2/NDF : 19865.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

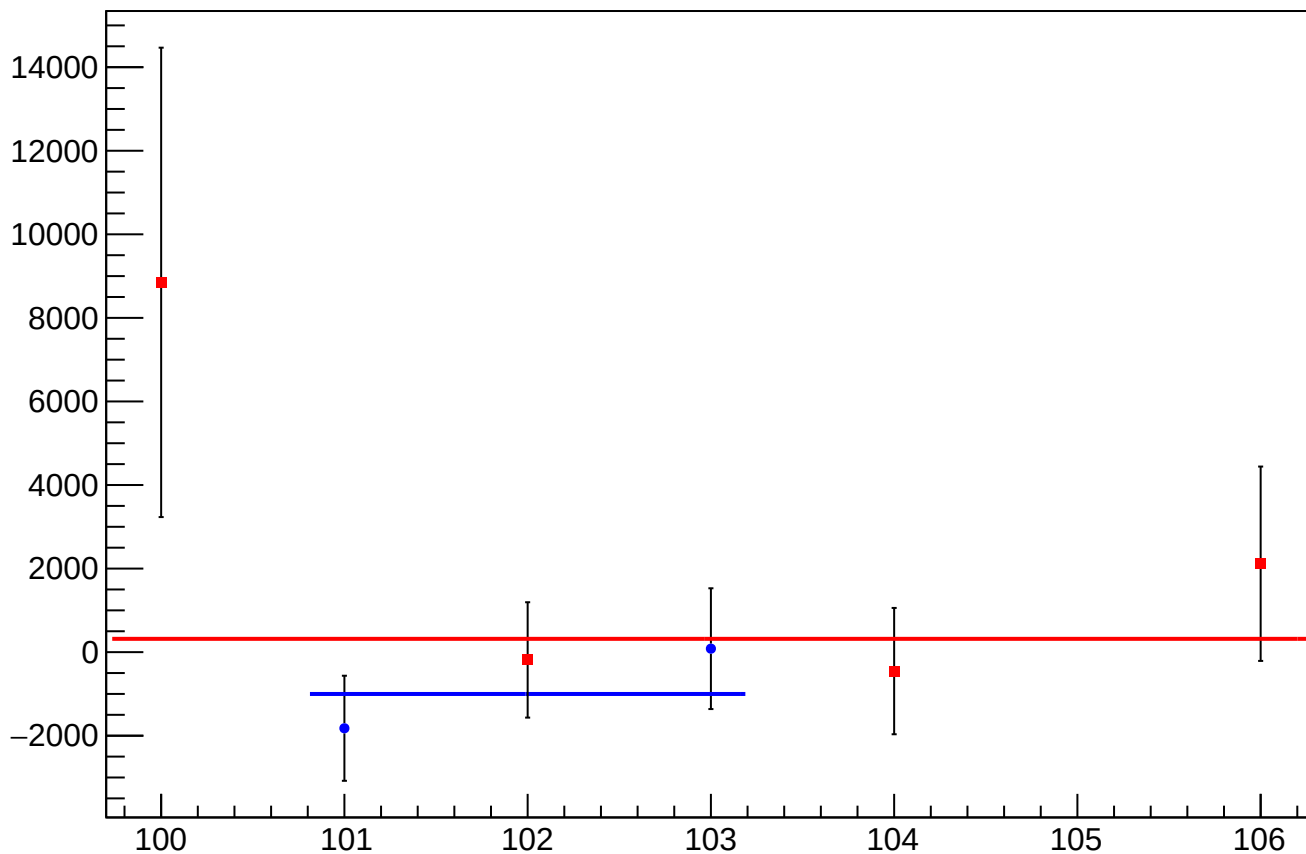
Right: 148.775+/-0.064 χ^2/NDF : 26760.8/5

In: 149.181+/-0.094 χ^2/NDF : 6861.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.775+/-0.064 χ^2/NDF : 26760.8/5

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1001.102+/-948.641 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.459+/-921.015 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

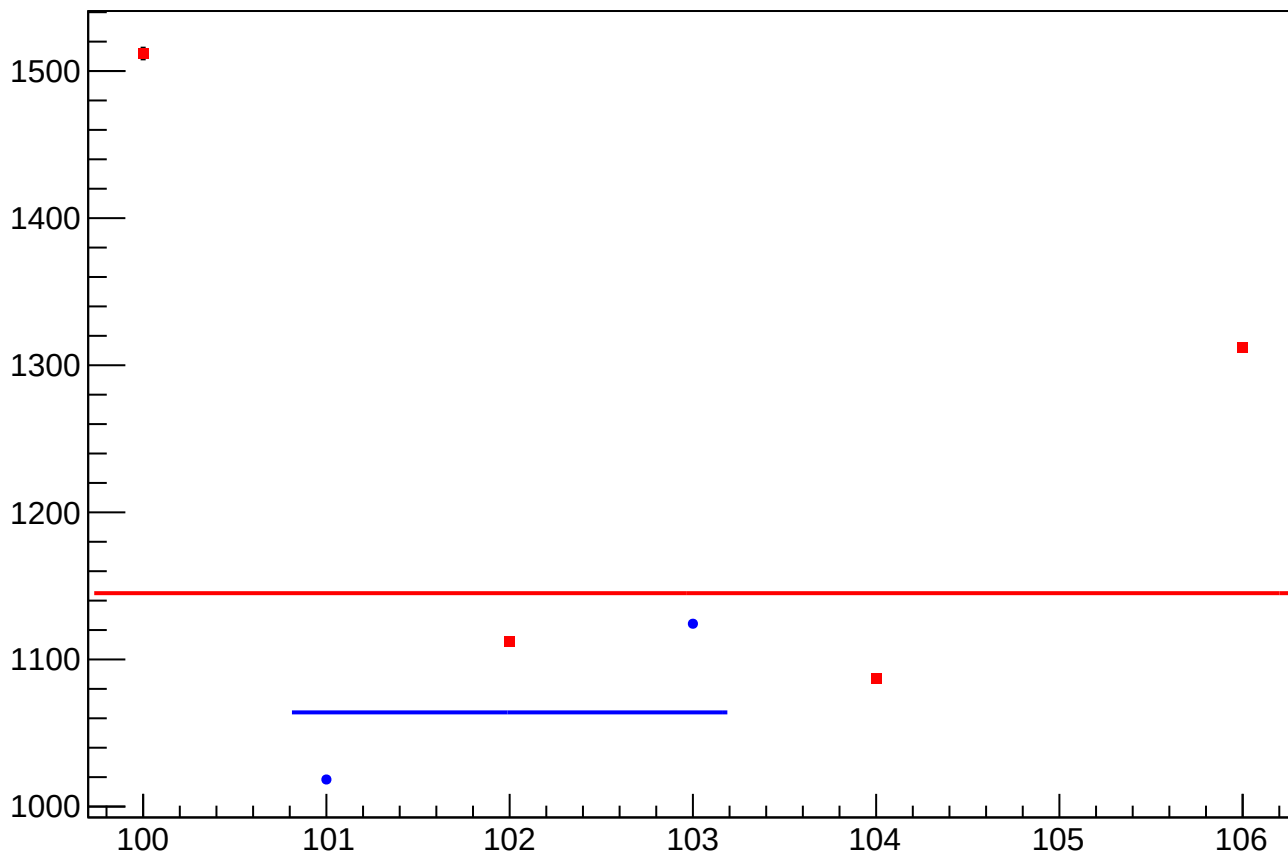
Right: -321.828+/-660.807 χ^2/NDF : 5.3/5

In: -1001.102+/-948.641 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.828+/-660.807 χ^2/NDF : 5.3/5

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1064.018+/-0.671 χ^2/NDF : 6110.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1145.060+/-0.651 χ^2/NDF : 22946.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

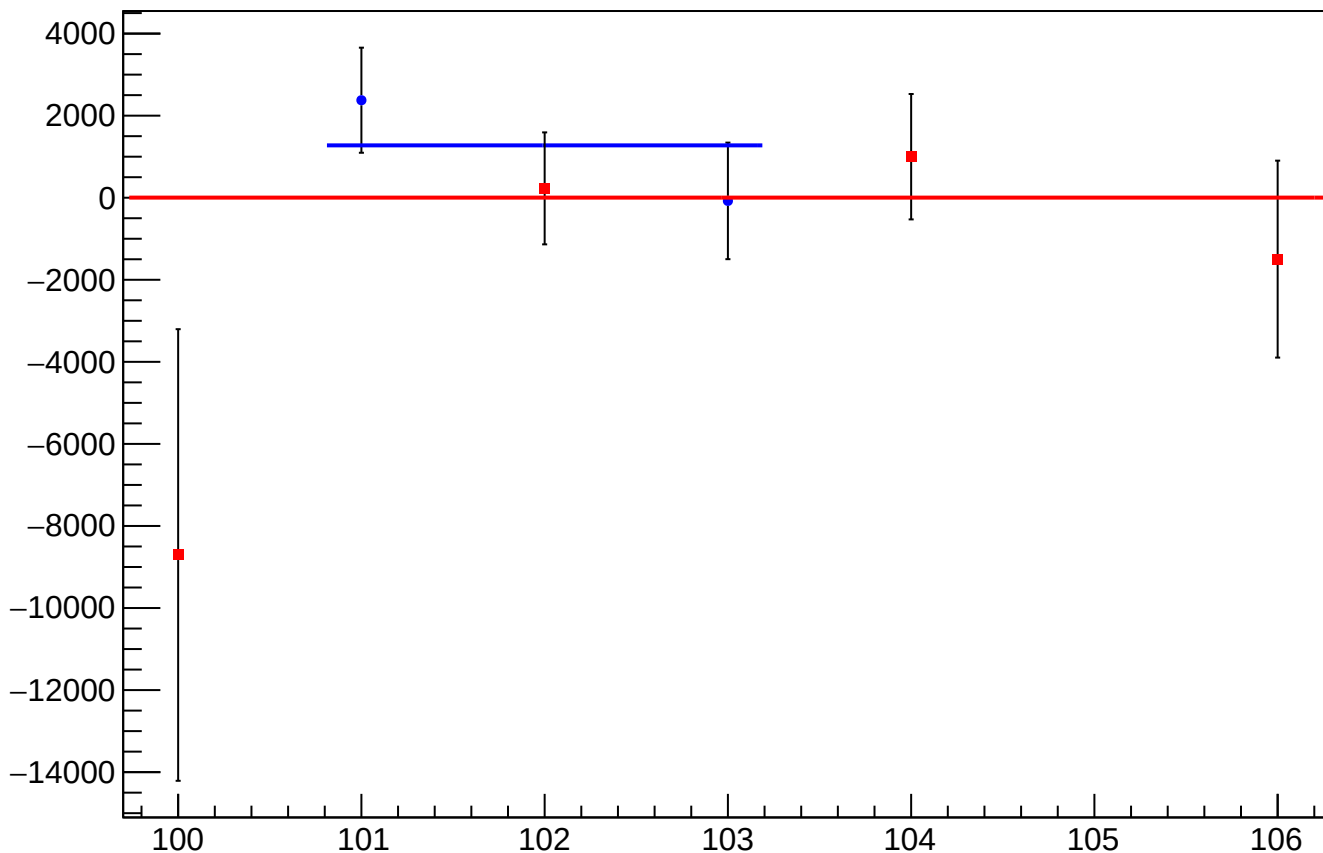
Right: 1105.736+/-0.467 χ^2/NDF : 36570.6/5

In: 1064.018+/-0.671 χ^2/NDF : 6110.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.736+/-0.467 χ^2/NDF : 36570.6/5

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 1275.977+/-951.083 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.661+/-923.726 χ^2/NDF : 3.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

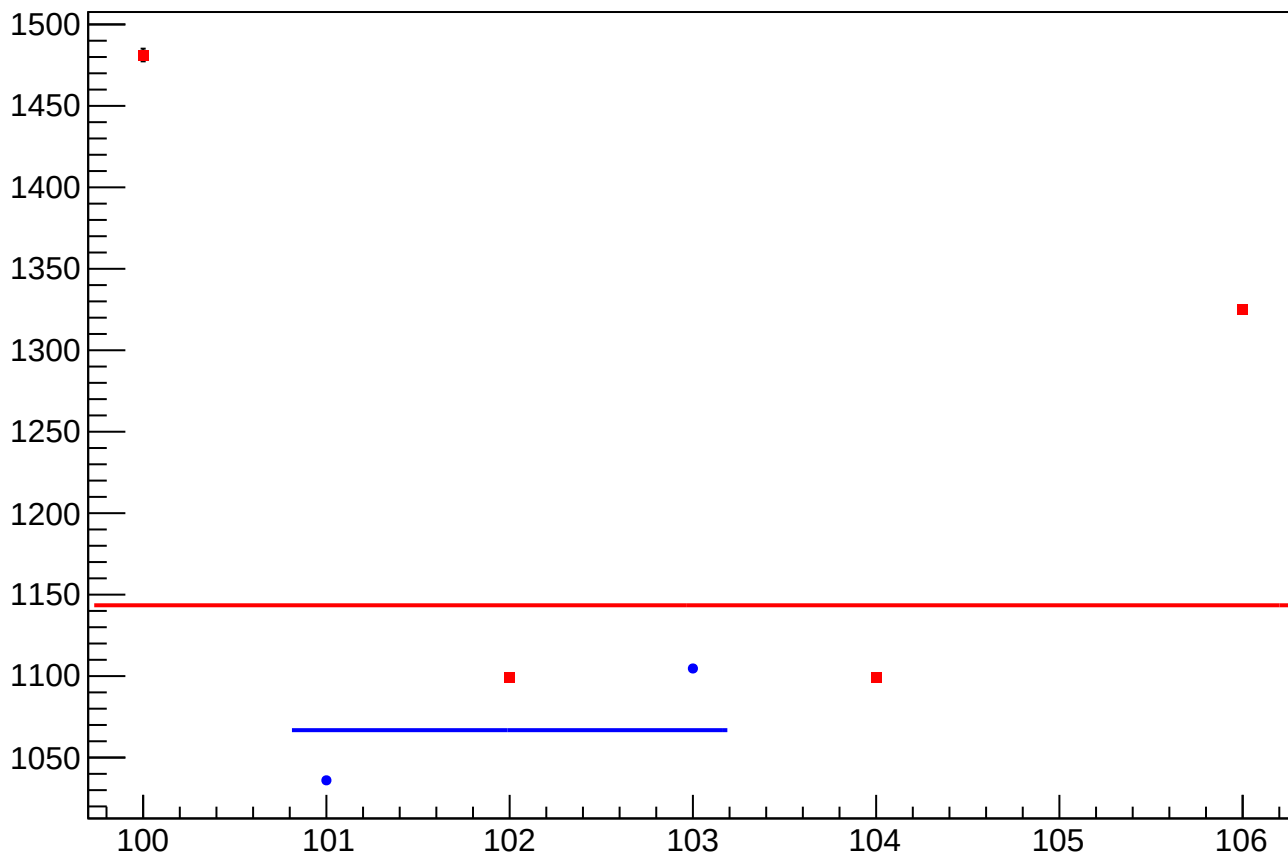
Right: 620.743+/-662.633 χ^2/NDF : 5.9/5

In: 1275.977+/-951.083 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.743+/-662.633 χ^2/NDF : 5.9/5

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1066.812+/-0.673 χ^2/NDF : 2577.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1143.465+/-0.653 χ^2/NDF : 22799.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

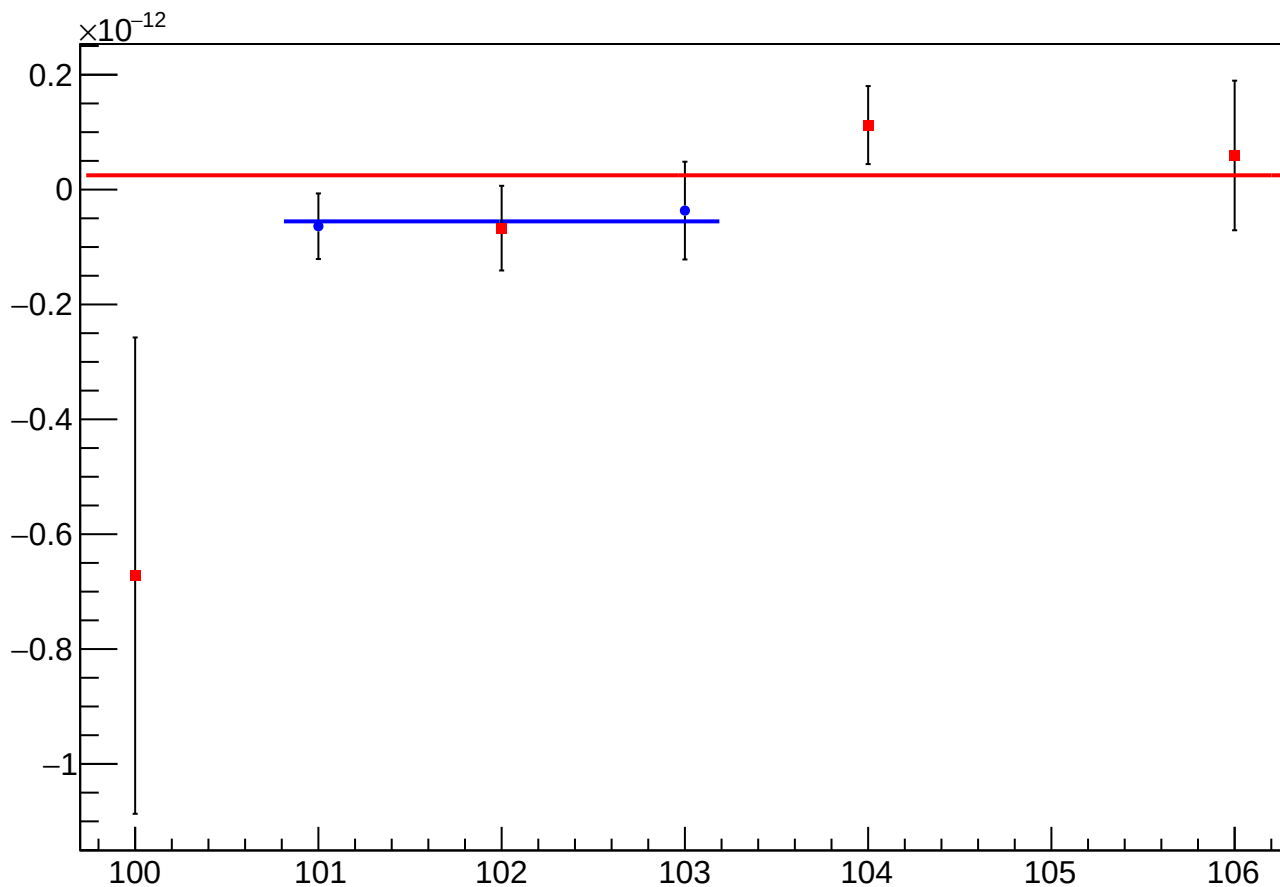
Right: 1106.257+/-0.469 χ^2/NDF : 32062.3/5

In: 1066.812+/-0.673 χ^2/NDF : 2577.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.257+/-0.469 χ^2/NDF : 32062.3/5

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

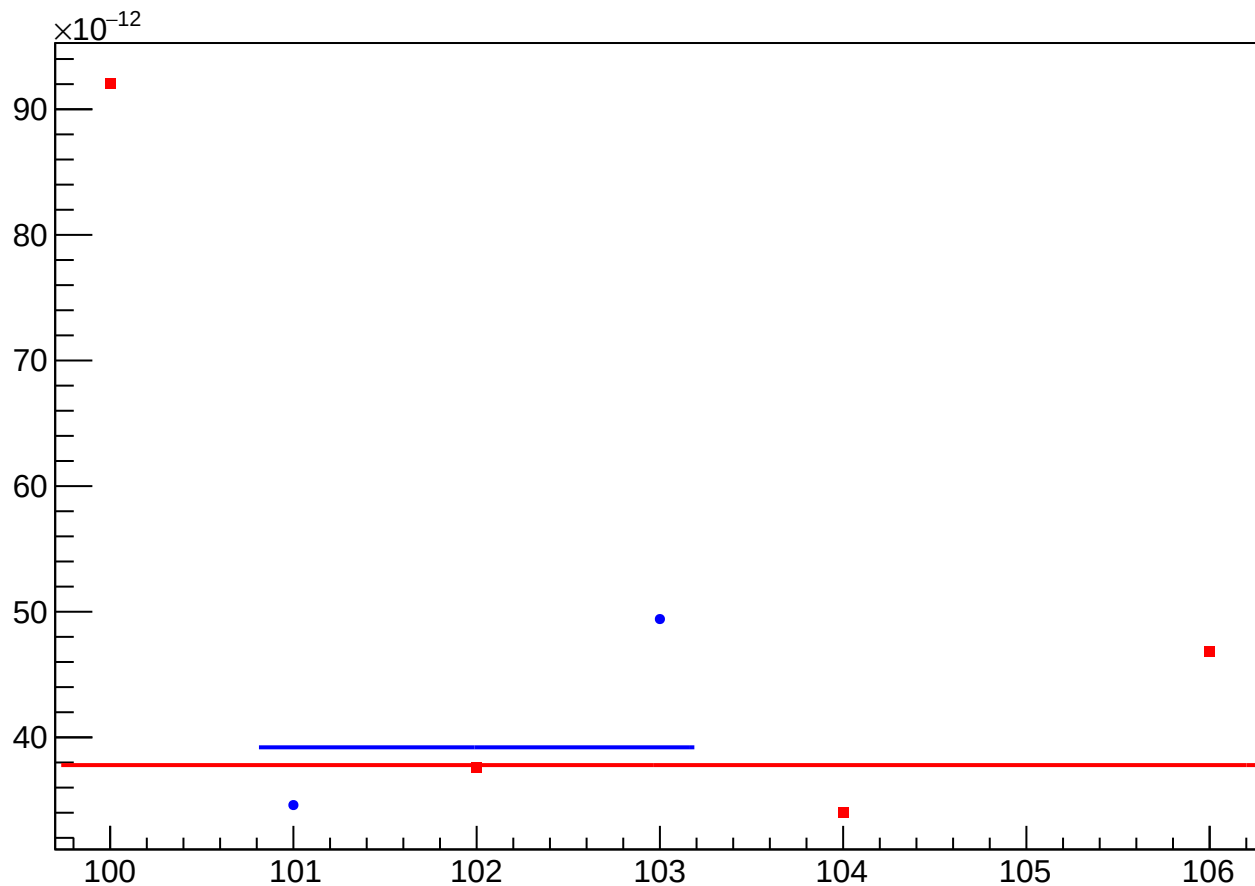
Right: -0.000+/-0.000 χ^2 /NDF: 7.6/5

In: -0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.6/5

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 41764.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 50001.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

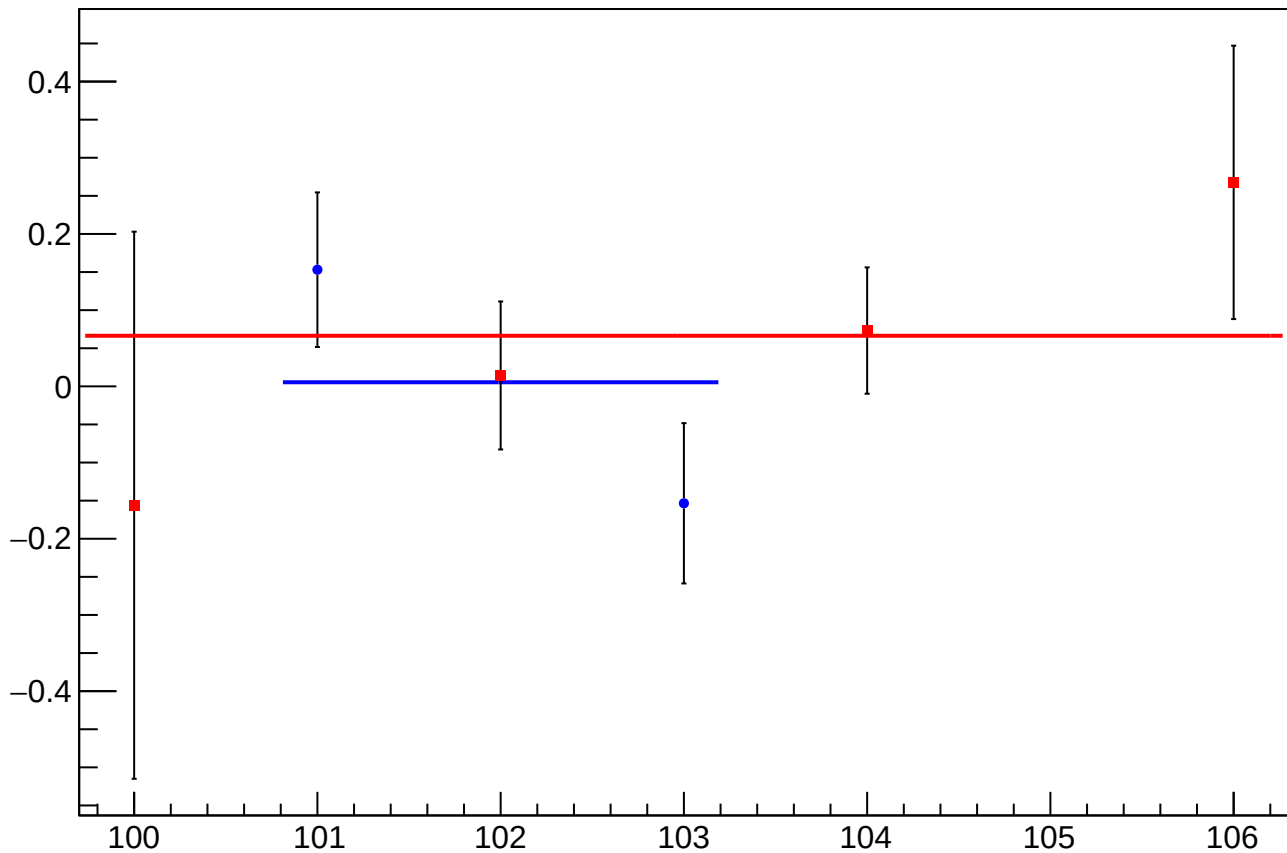
Right: 0.000+/-0.000 χ^2/NDF : 92676.9/5

In: 0.000+/-0.000 χ^2/NDF : 41764.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 92676.9/5

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.059 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

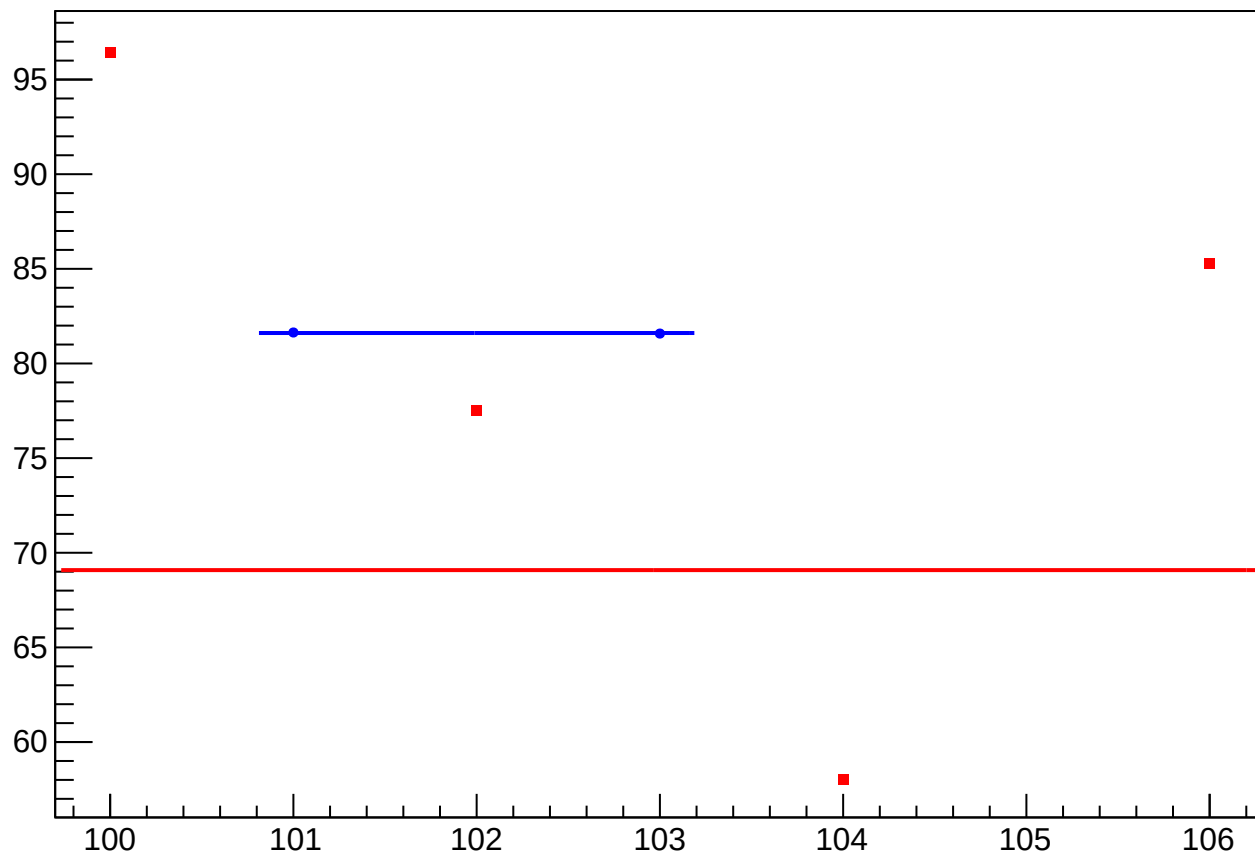
Right: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.083 $\pm$ 0.041 χ^2 /NDF: 78707.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

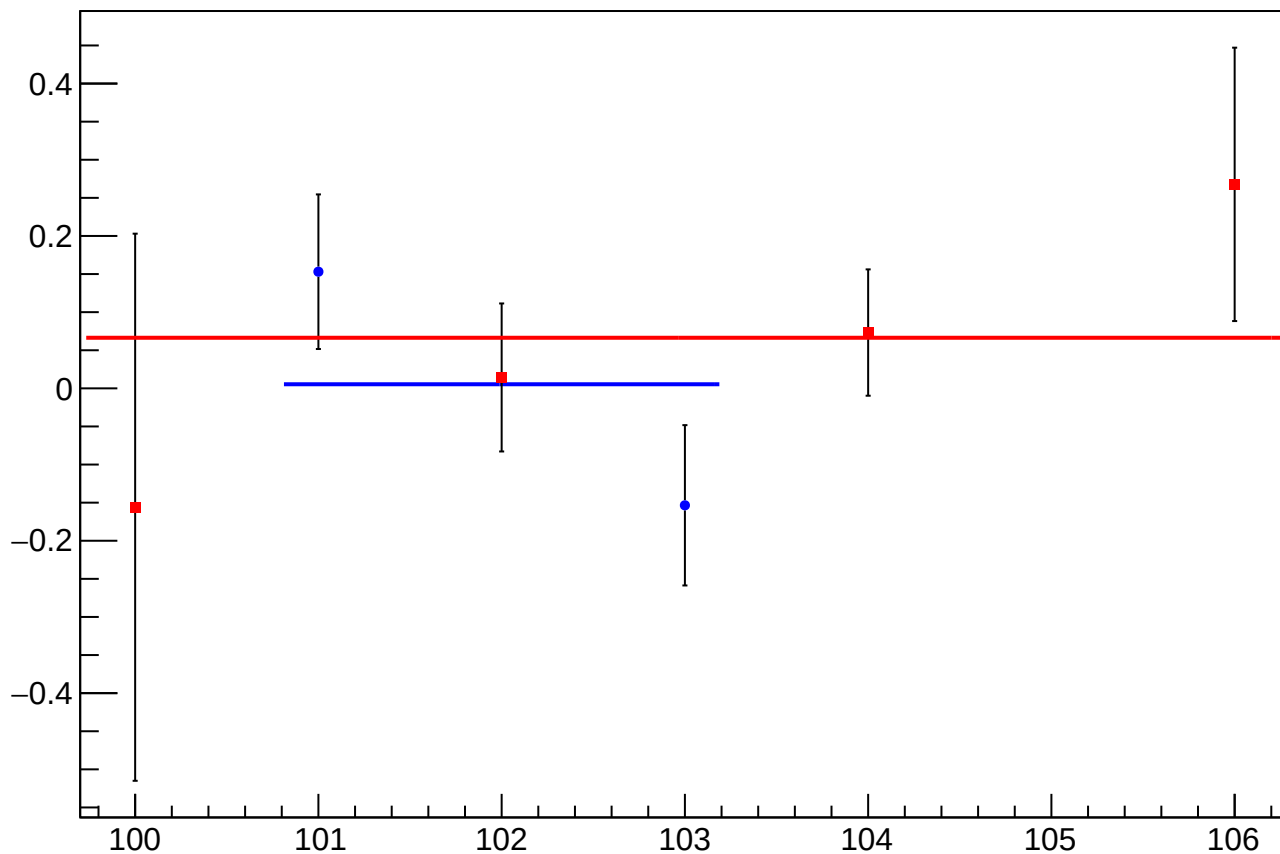
Right: 73.999 $\pm$ 0.032 χ^2 /NDF: 114460.8/5

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.999 $\pm$ 0.032 χ^2 /NDF: 114460.8/5

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.059 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

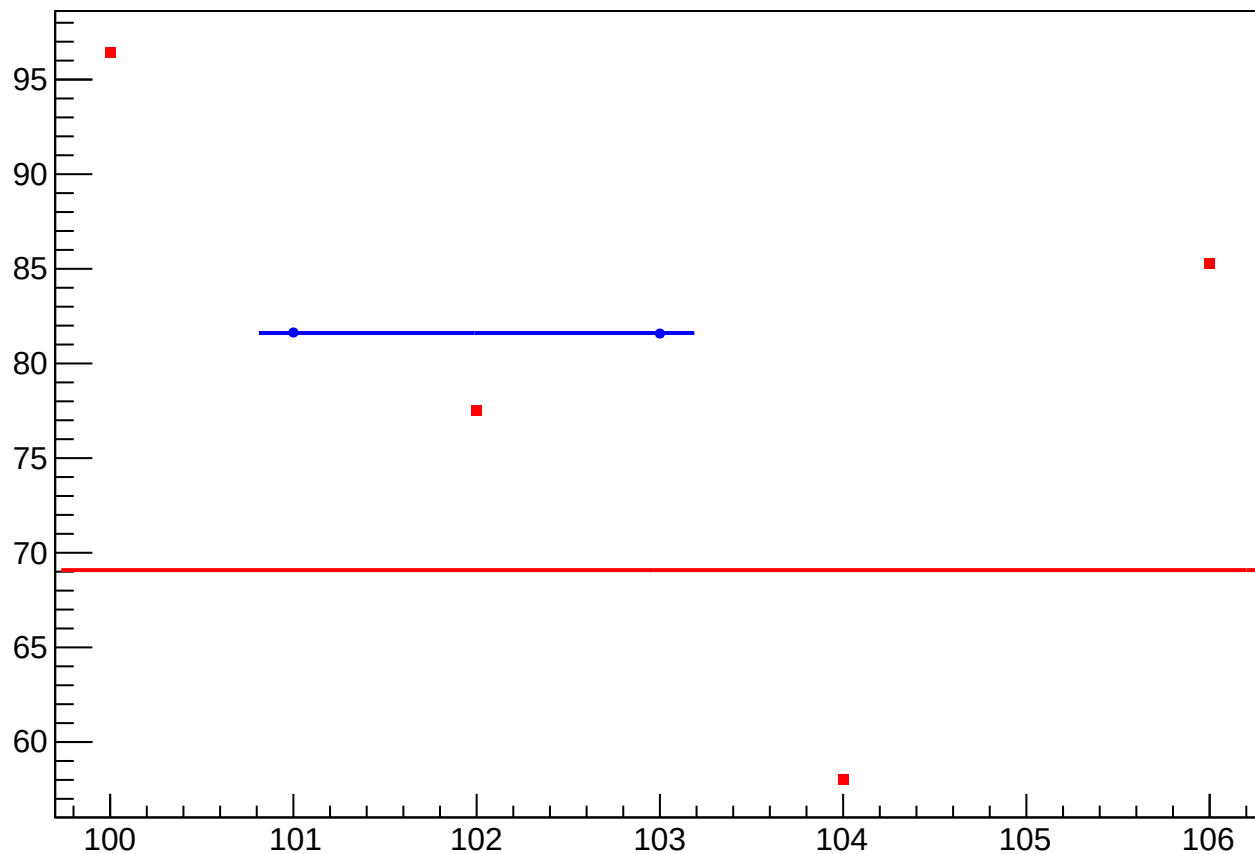
Right: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.083 $\pm$ 0.041 χ^2 /NDF: 78707.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

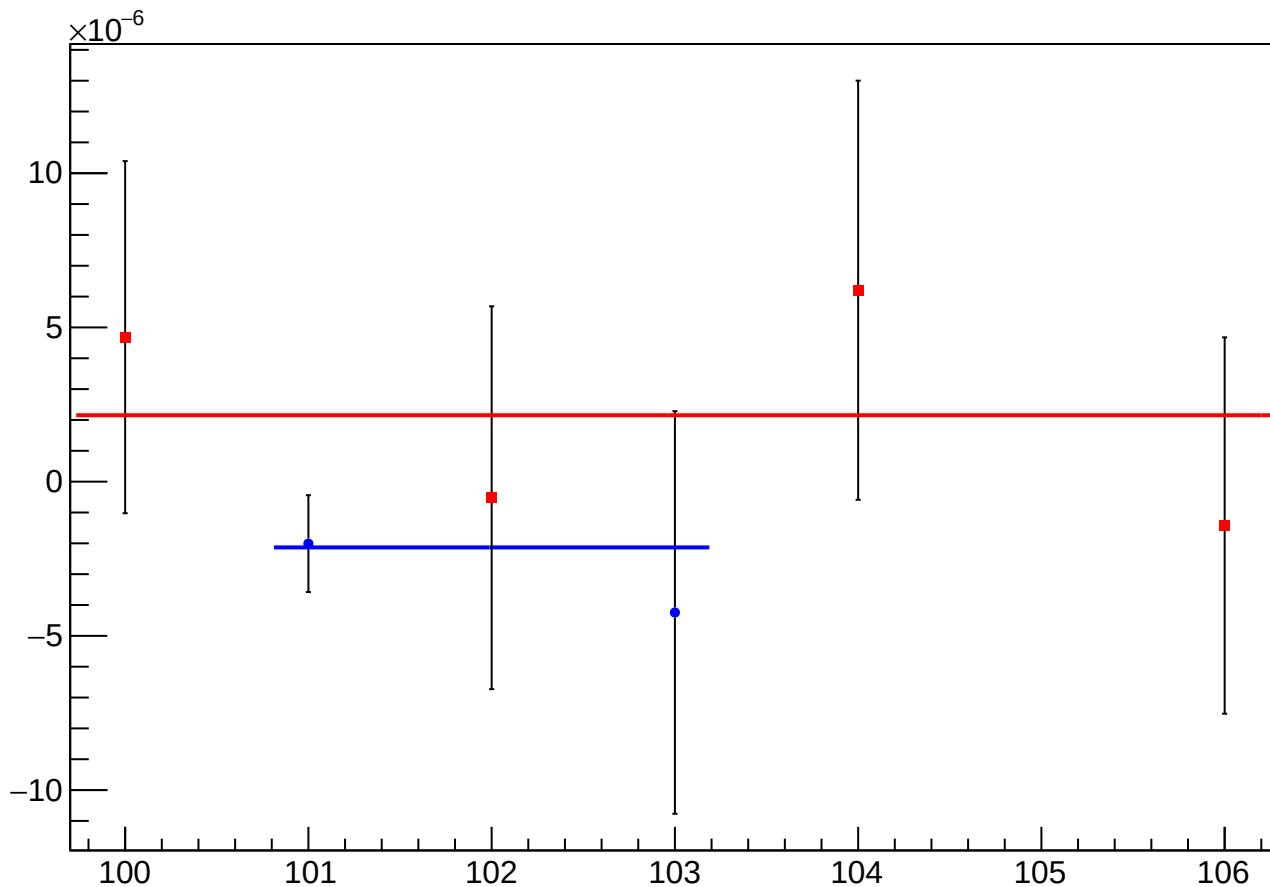
Right: 73.999 $\pm$ 0.032 χ^2 /NDF: 114460.8/5

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.999 $\pm$ 0.032 χ^2 /NDF: 114460.8/5

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

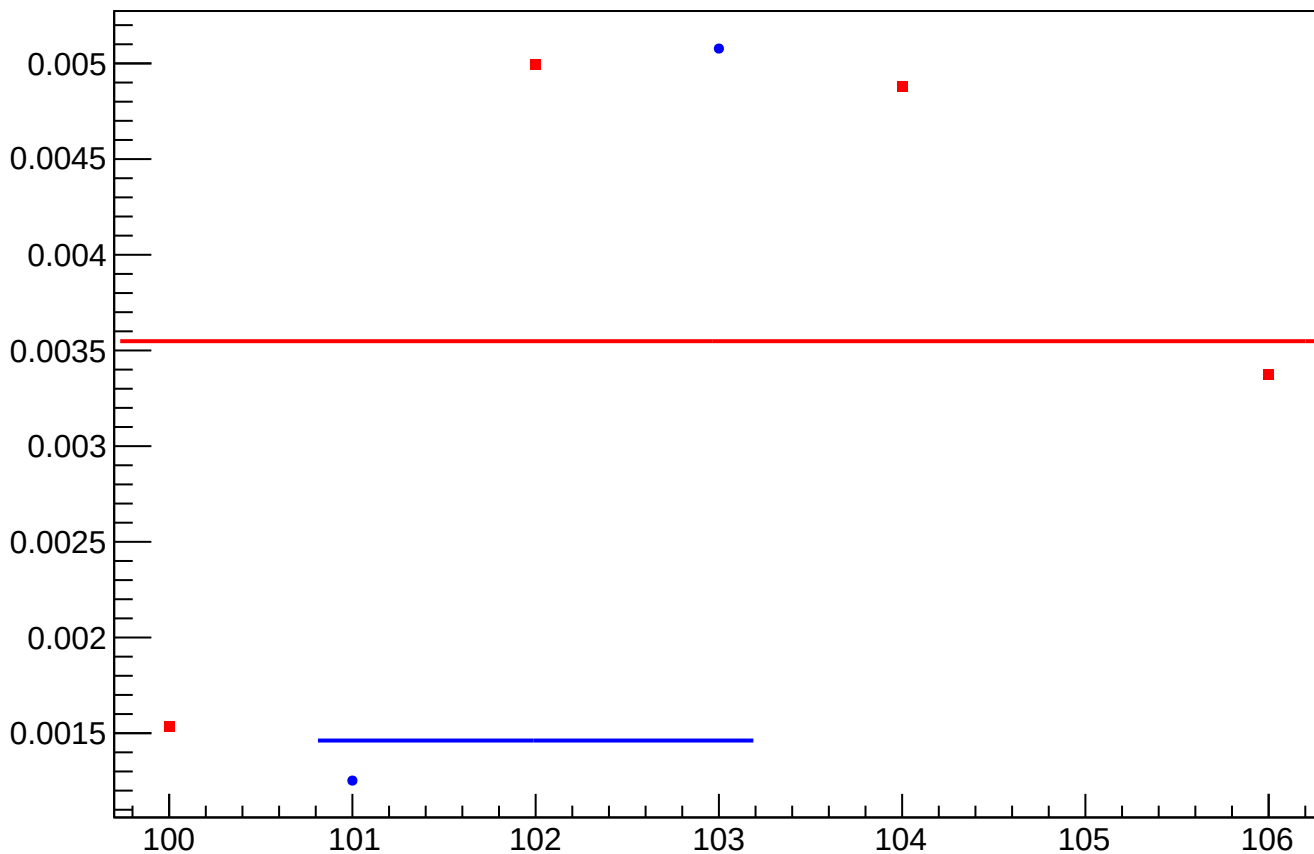
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/5

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/5

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 649380.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 435811.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

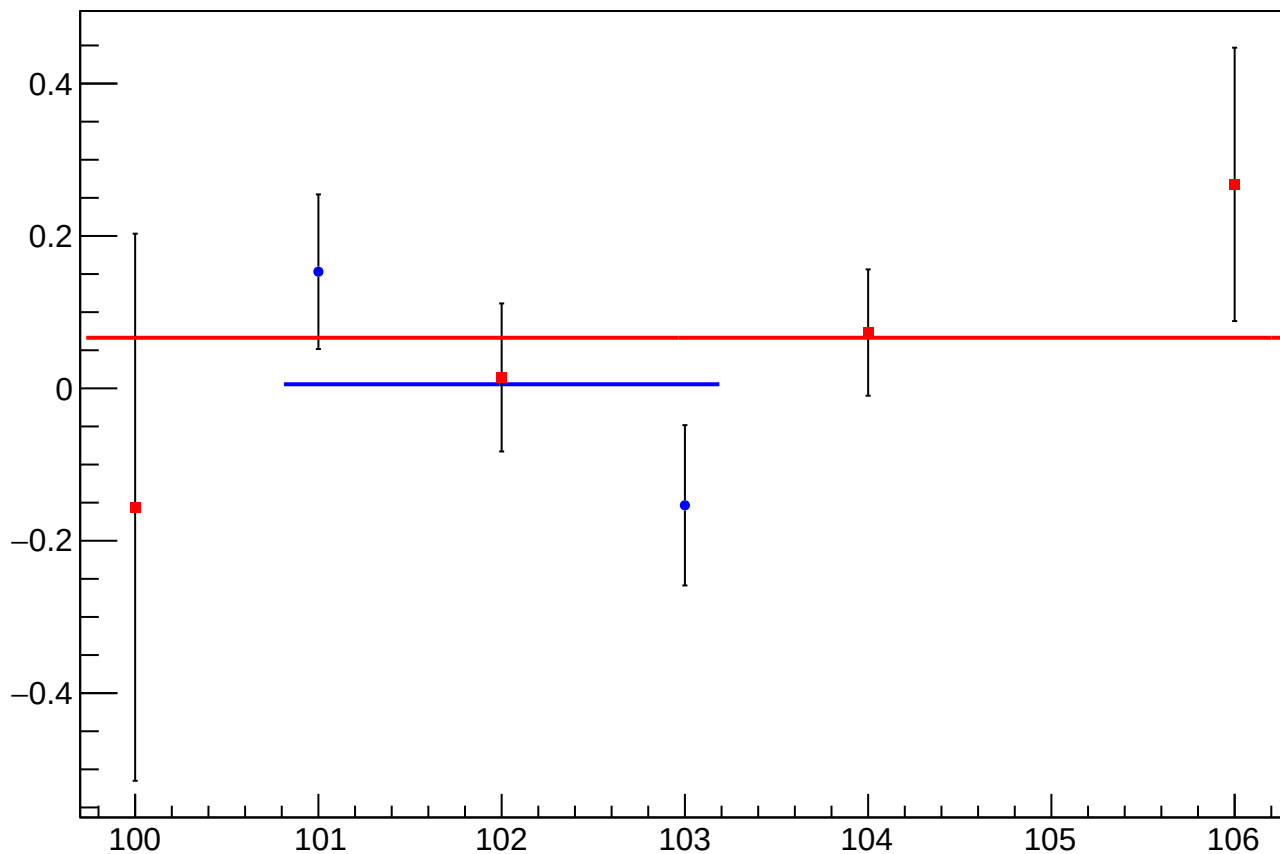
Right: 0.002+/-0.000 χ^2/NDF : 1820826.5/5

In: 0.001+/-0.000 χ^2/NDF :649380.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1820826.5/5

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.059 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

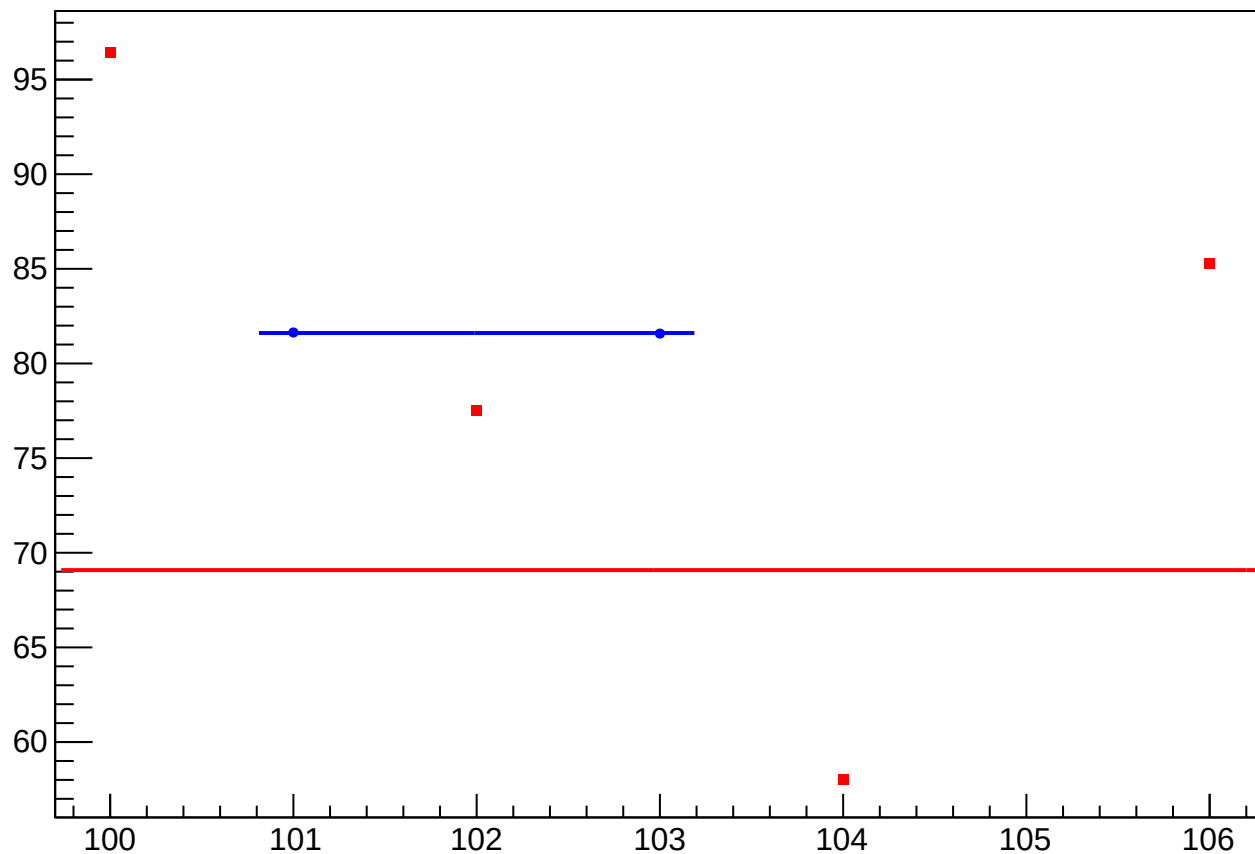
Right: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.083 $\pm$ 0.041 χ^2 /NDF: 78703.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

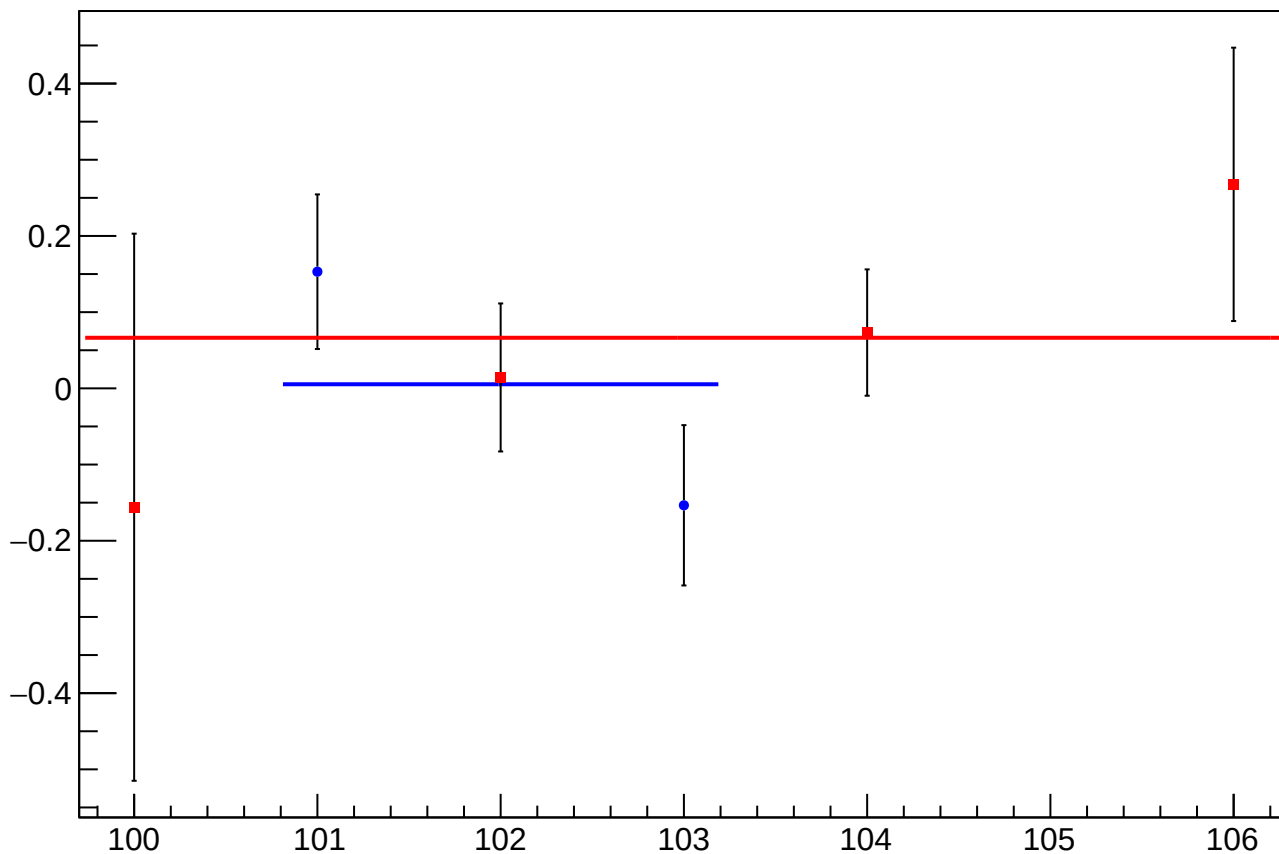
Right: 73.998 $\pm$ 0.032 χ^2 /NDF: 114456.7/5

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.998 $\pm$ 0.032 χ^2 /NDF: 114456.7/5

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.073 χ^2 /NDF: 4.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.066 $\pm$ 0.059 χ^2 /NDF: 1.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

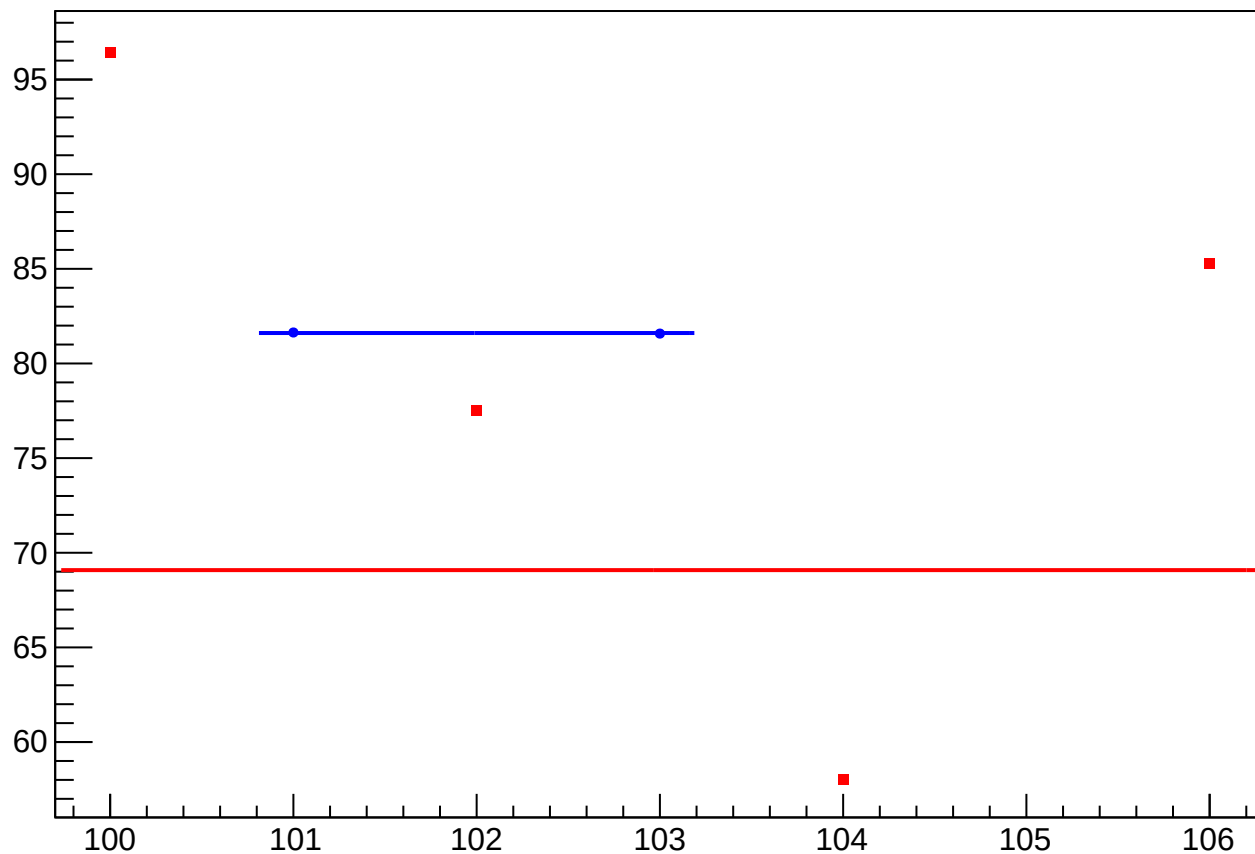
Right: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

In: 0.005 $\pm$ 0.073 χ^2 /NDF:4.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.042 $\pm$ 0.046 χ^2 /NDF: 6.8/5

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.083 $\pm$ 0.041 χ^2 /NDF: 78703.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

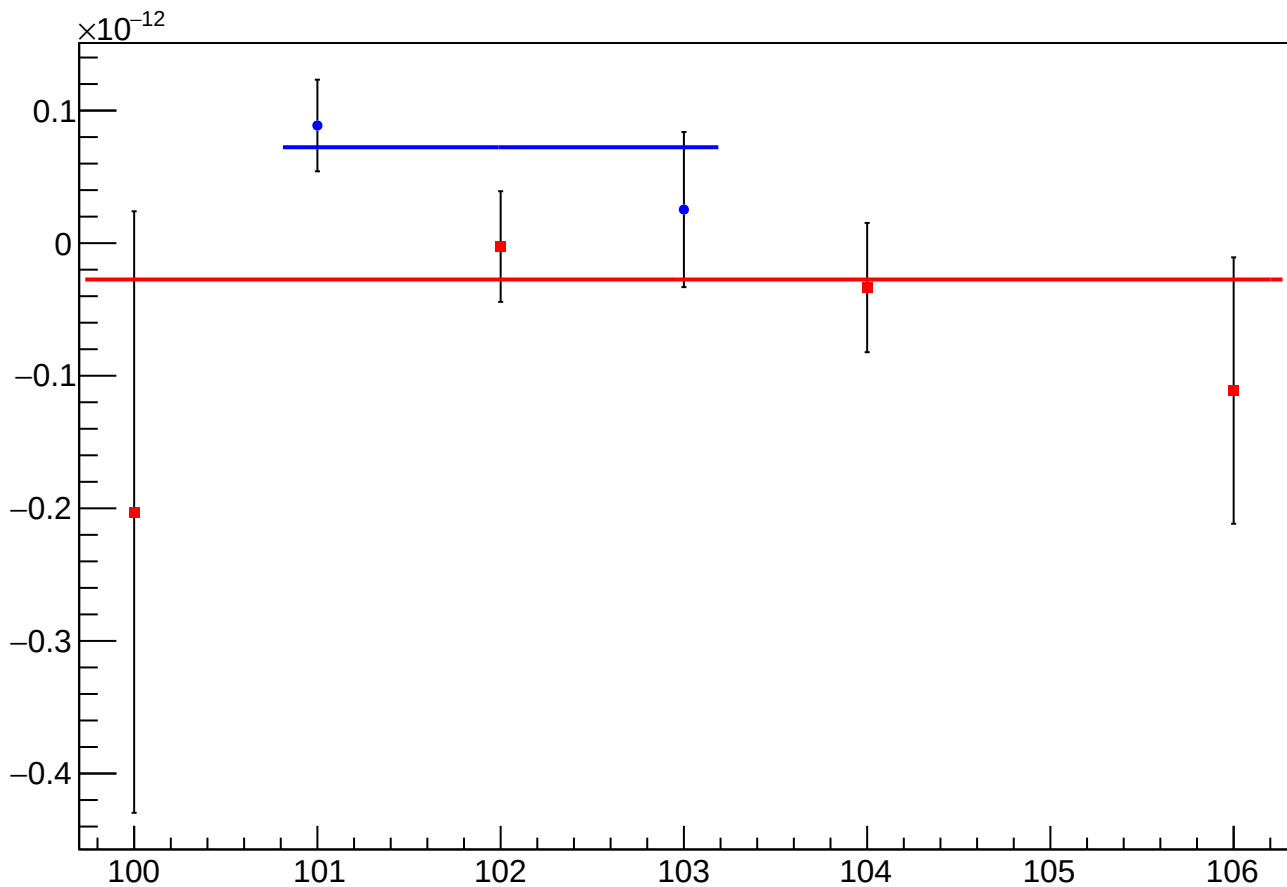
Right: 73.998 $\pm$ 0.032 χ^2 /NDF: 114456.7/5

In: 81.609 $\pm$ 0.052 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.998 $\pm$ 0.032 χ^2 /NDF: 114456.7/5

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

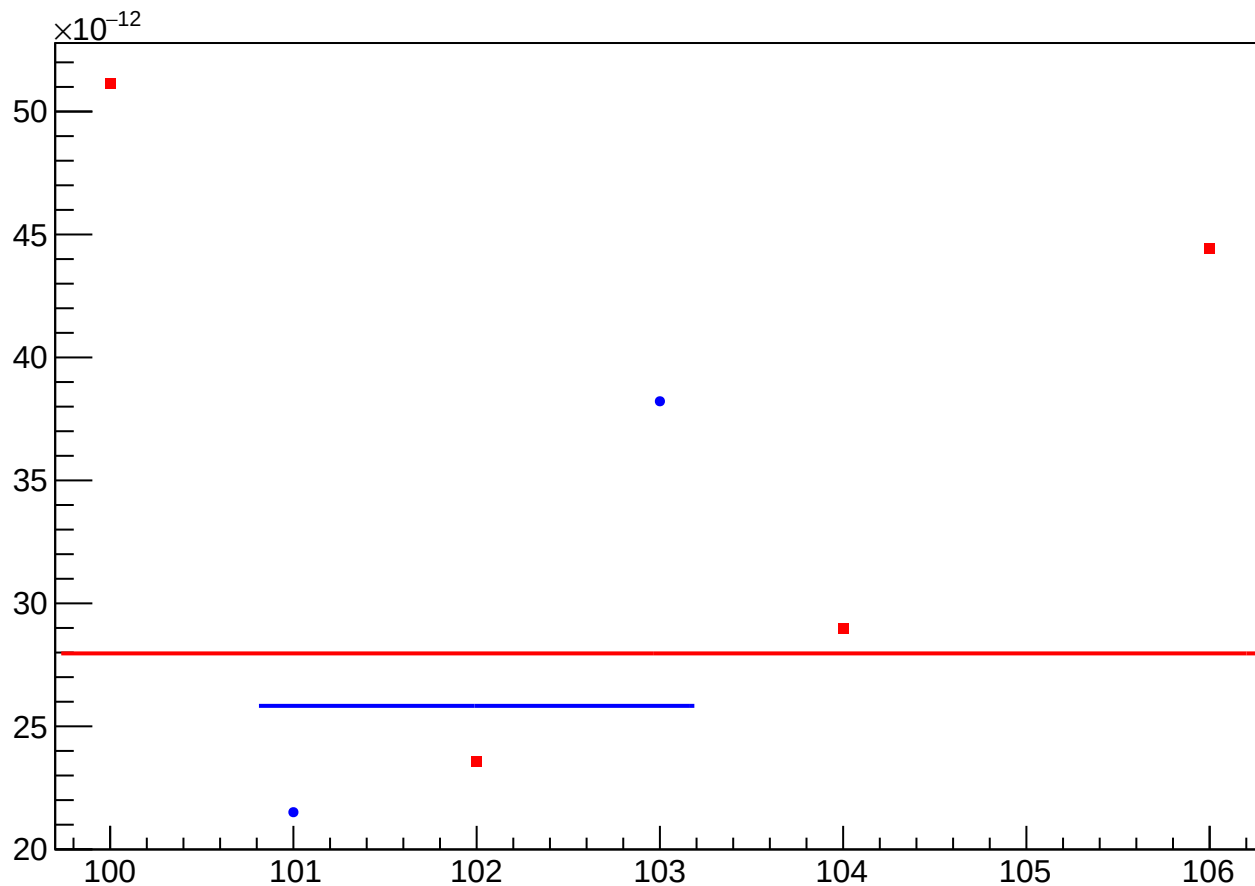
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/5

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 120980.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 97548.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

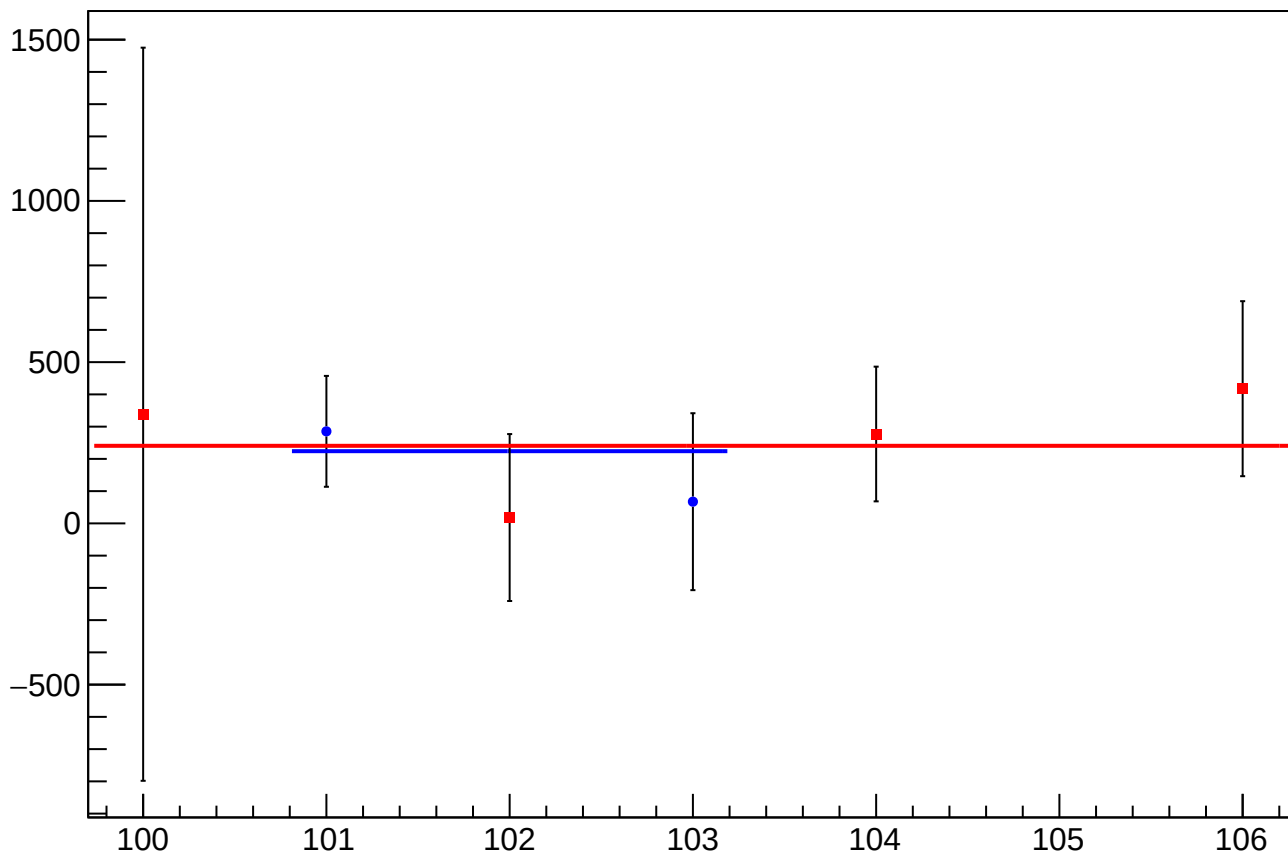
Right: 0.000+/-0.000 χ^2/NDF : 223631.5/5

In: 0.000+/-0.000 χ^2/NDF : 120980.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 223631.5/5

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.906 $\pm$ 145.674 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.559 $\pm$ 138.406 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

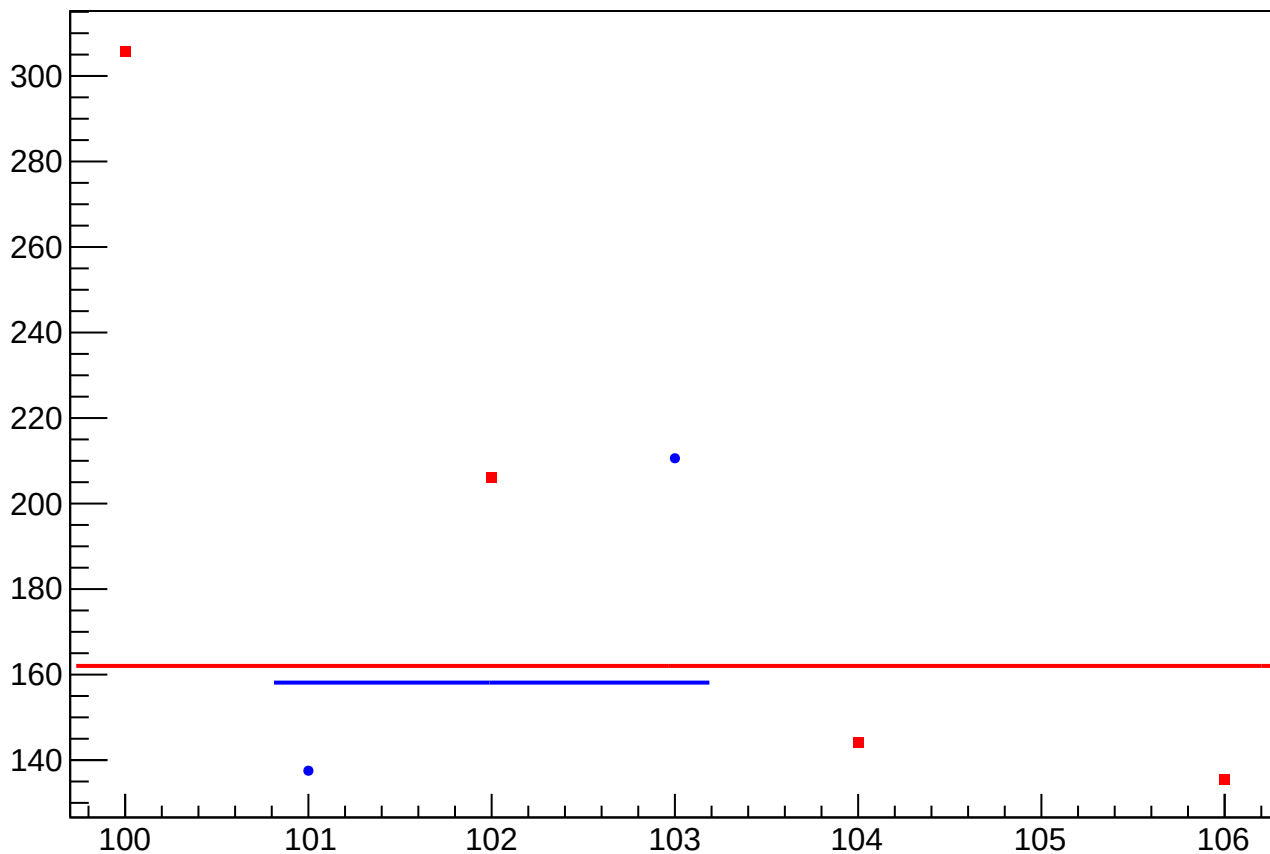
Right: 232.658 $\pm$ 100.339 χ^2 /NDF: 1.7/5

In: 223.906 $\pm$ 145.674 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.658 $\pm$ 100.339 χ^2 /NDF: 1.7/5

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.129 $\pm$ 0.103 χ^2 /NDF: 101888.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 162.033 $\pm$ 0.098 χ^2 /NDF: 124066.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

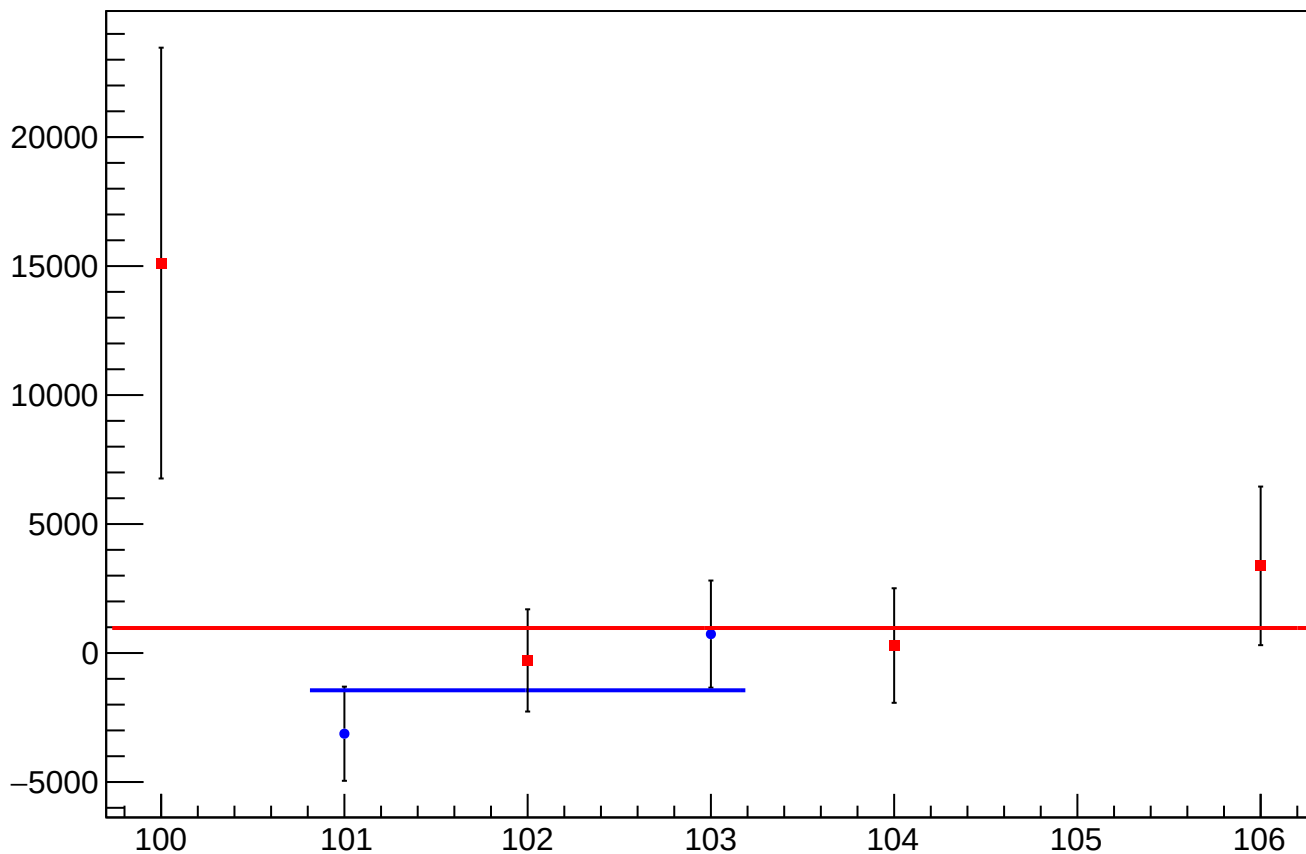
Right: 160.181 $\pm$ 0.071 χ^2 /NDF: 226709.6/5

In: 158.129 $\pm$ 0.103 χ^2 /NDF:101888.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.181 $\pm$ 0.071 χ^2 /NDF: 226709.6/5

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1444.694+/-1370.523 χ^2 /NDF: 2.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 969.947+/-1315.679 χ^2 /NDF: 4.0/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

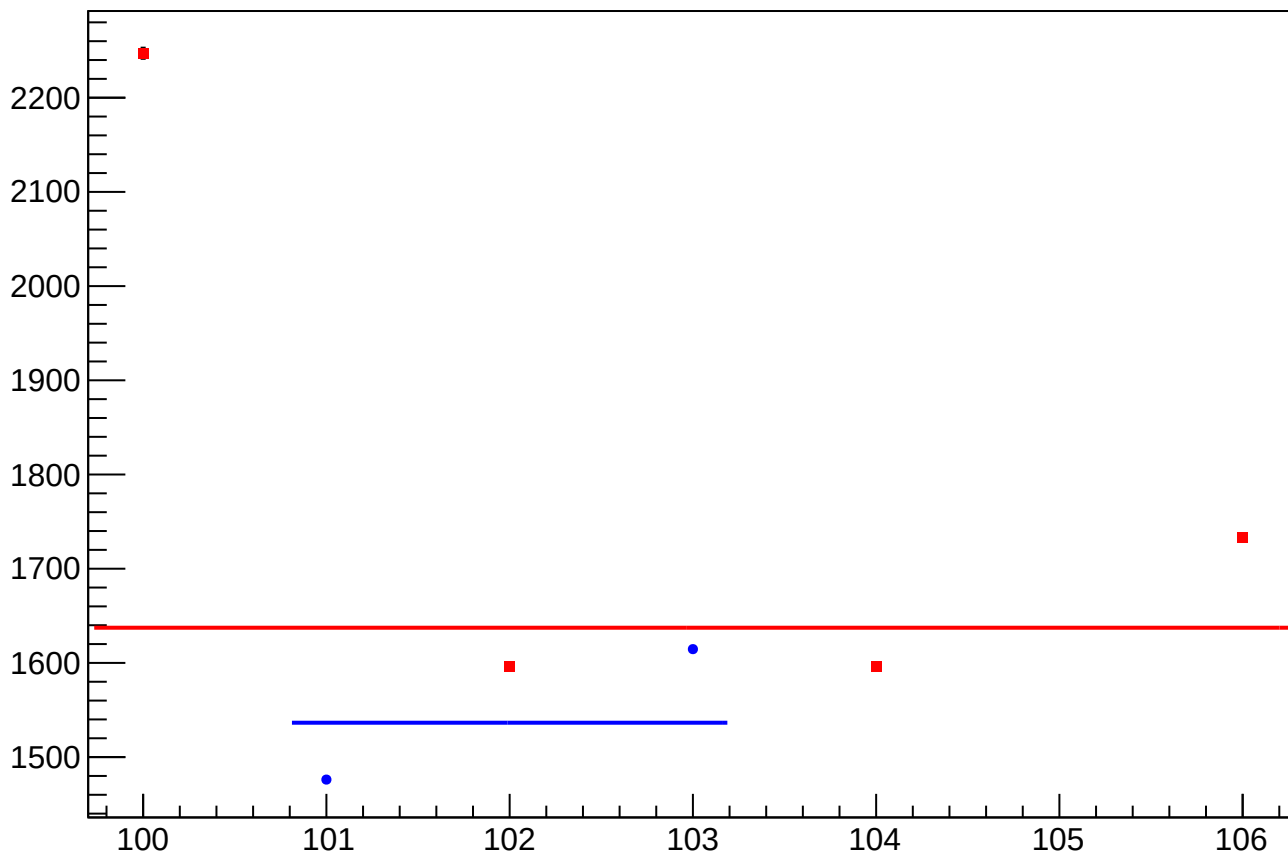
Right: -188.094+/-949.122 χ^2 /NDF: 7.5/5

In: -1444.694+/-1370.523 χ^2 /NDF: 2.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -188.094+/-949.122 χ^2 /NDF: 7.5/5

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1536.507 ± 0.969 $\chi^2/\text{NDF}: 5021.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1637.354 ± 0.930 $\chi^2/\text{NDF}: 14174.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

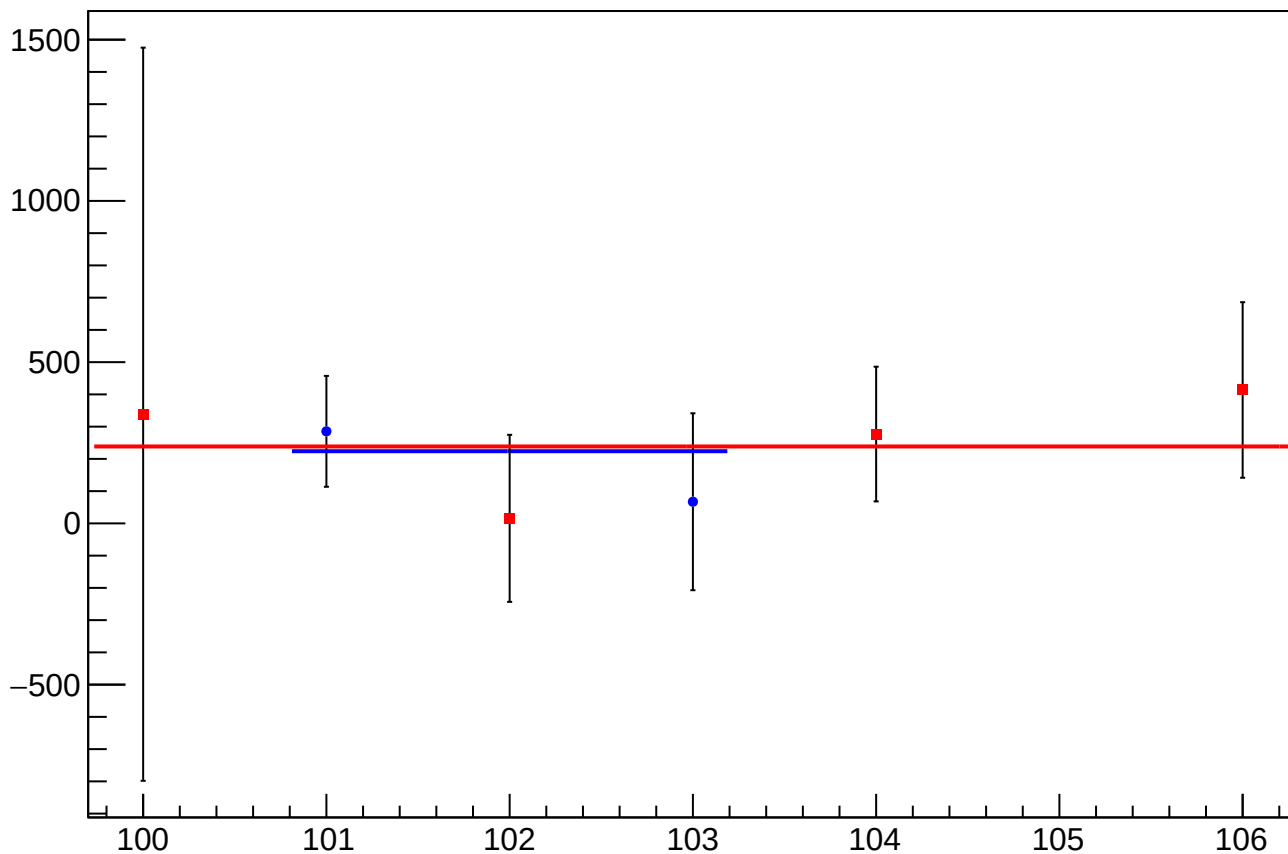
Right: 1588.989 ± 0.671 $\chi^2/\text{NDF}: 24830.8/5$

In: 1536.507 ± 0.969 $\chi^2/\text{NDF}: 5021.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1588.989 ± 0.671 $\chi^2/\text{NDF}: 24830.8/5$

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 238.571 $\pm$ 138.540 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

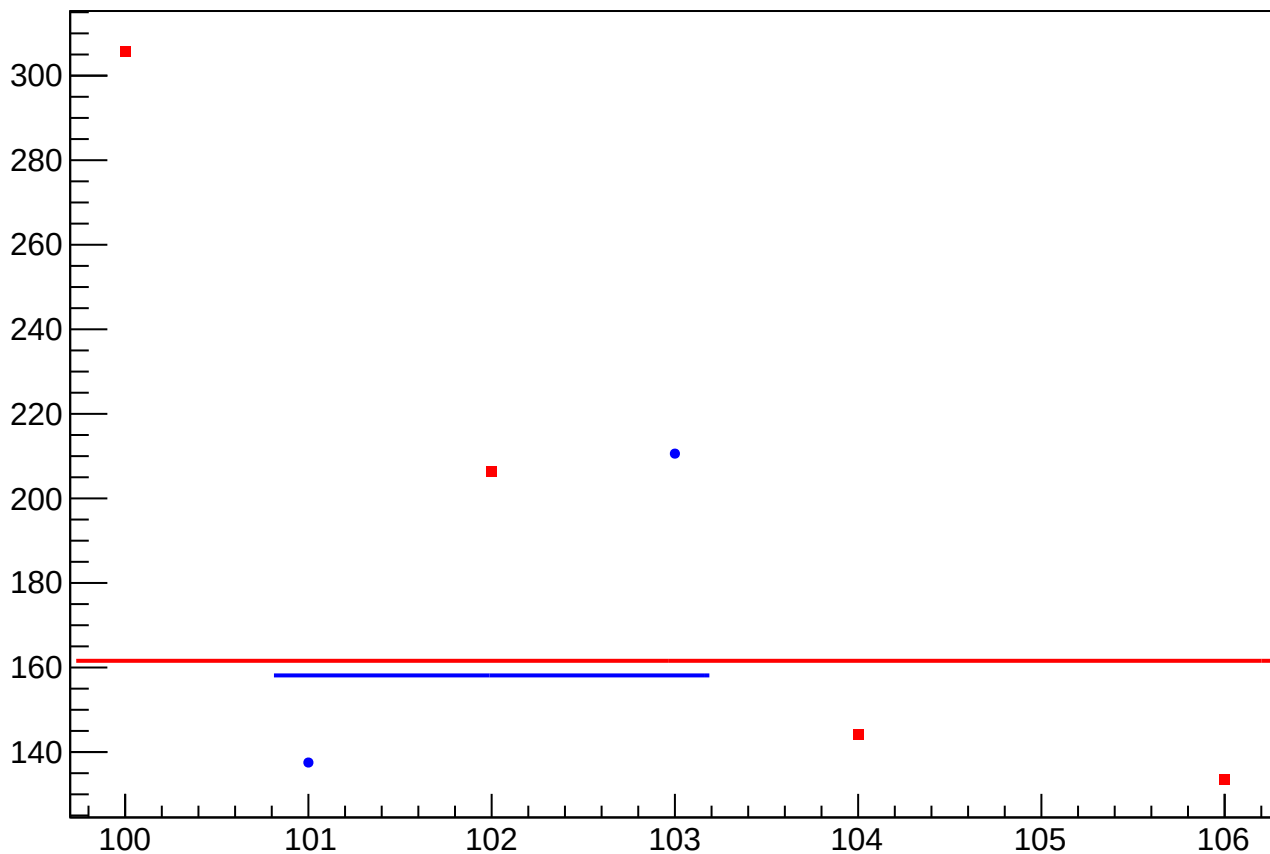
Right: 231.578 $\pm$ 100.390 χ^2 /NDF: 1.7/5

In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 231.578 $\pm$ 100.390 χ^2 /NDF: 1.7/5

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.586+/-0.098 χ^2/NDF : 127087.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

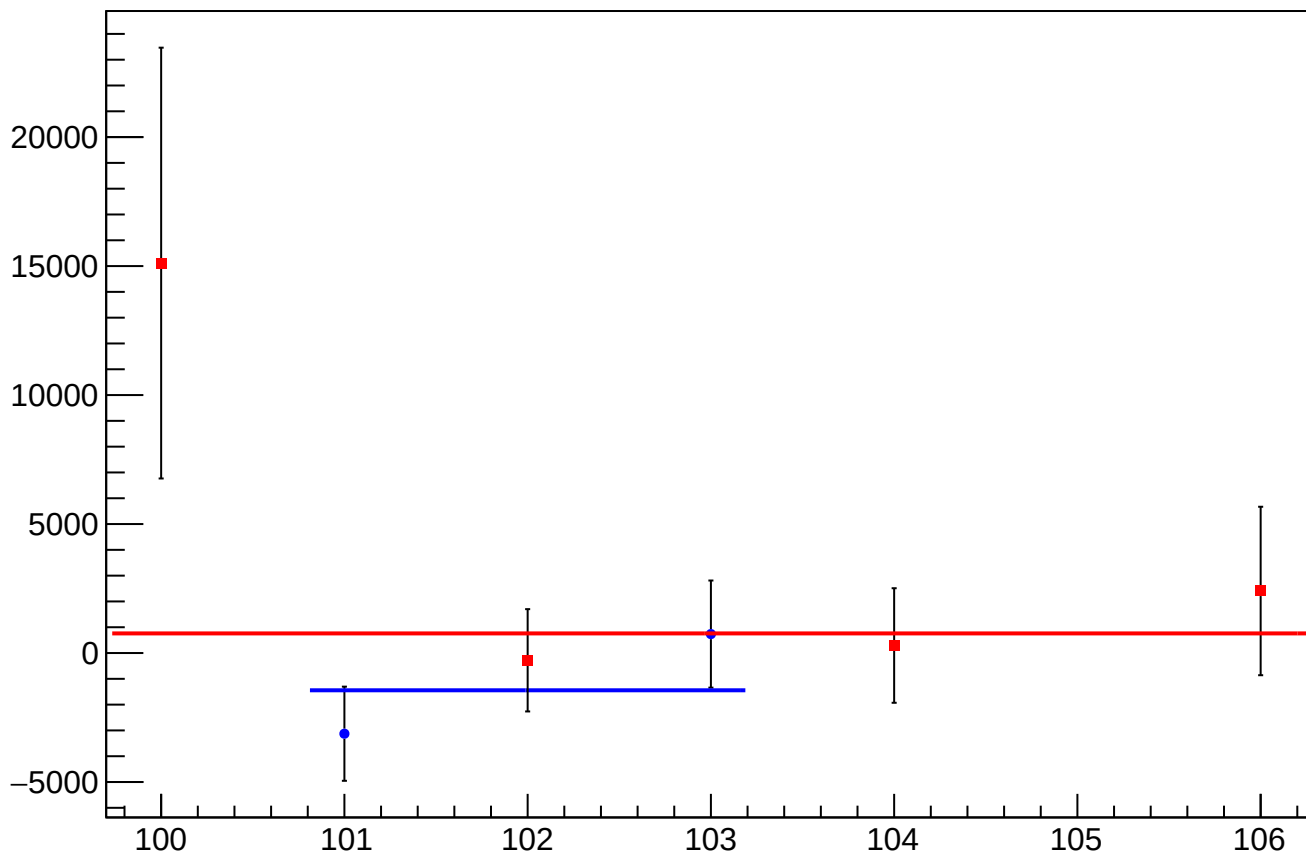
Right: 159.945+/-0.071 χ^2/NDF : 229568.8/5

In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.945+/-0.071 χ^2/NDF : 229568.8/5

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 760.562+/-1330.052 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

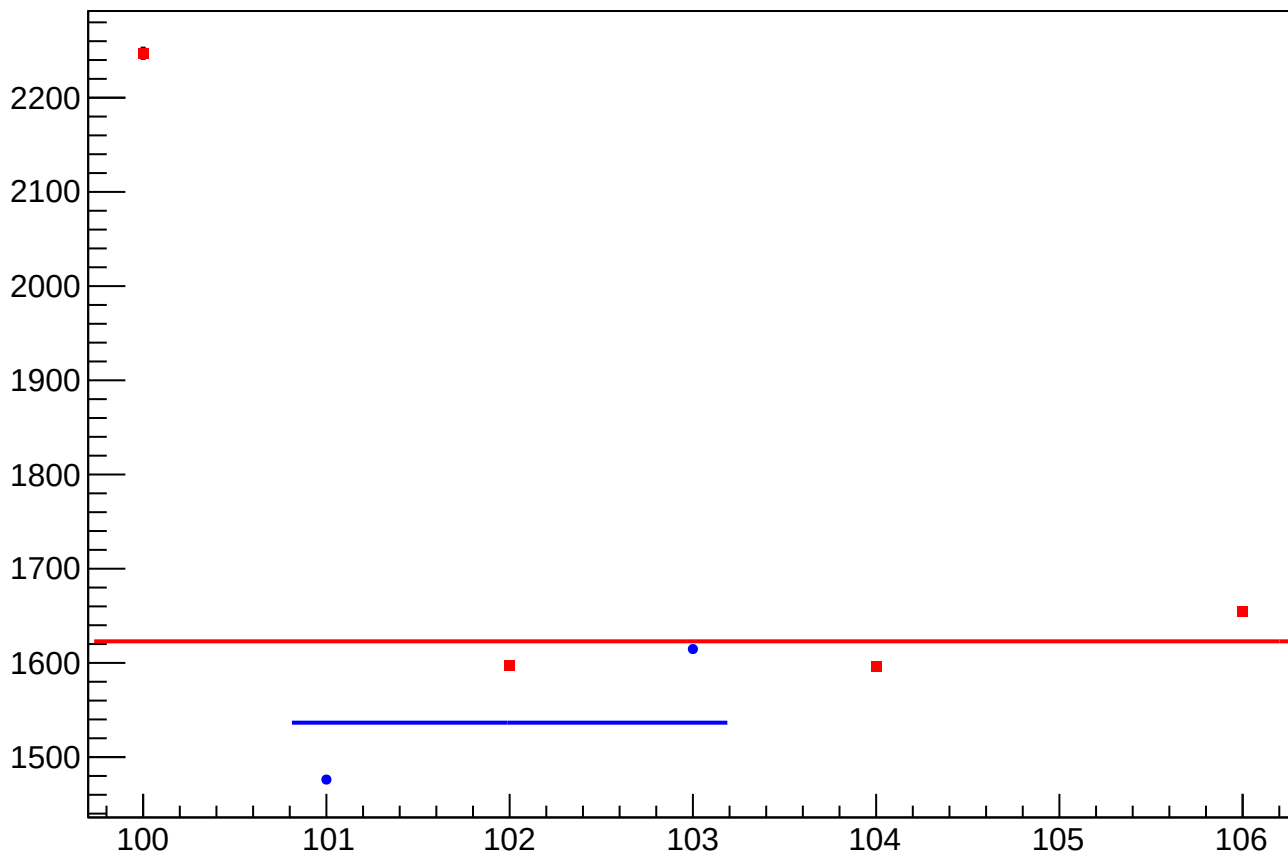
Right: -308.857+/-954.490 χ^2/NDF : 6.8/5

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.857+/-954.490 χ^2/NDF : 6.8/5

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1536.550 ± 0.969 χ^2/NDF : 5028.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1622.905 ± 0.940 χ^2/NDF : 12002.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

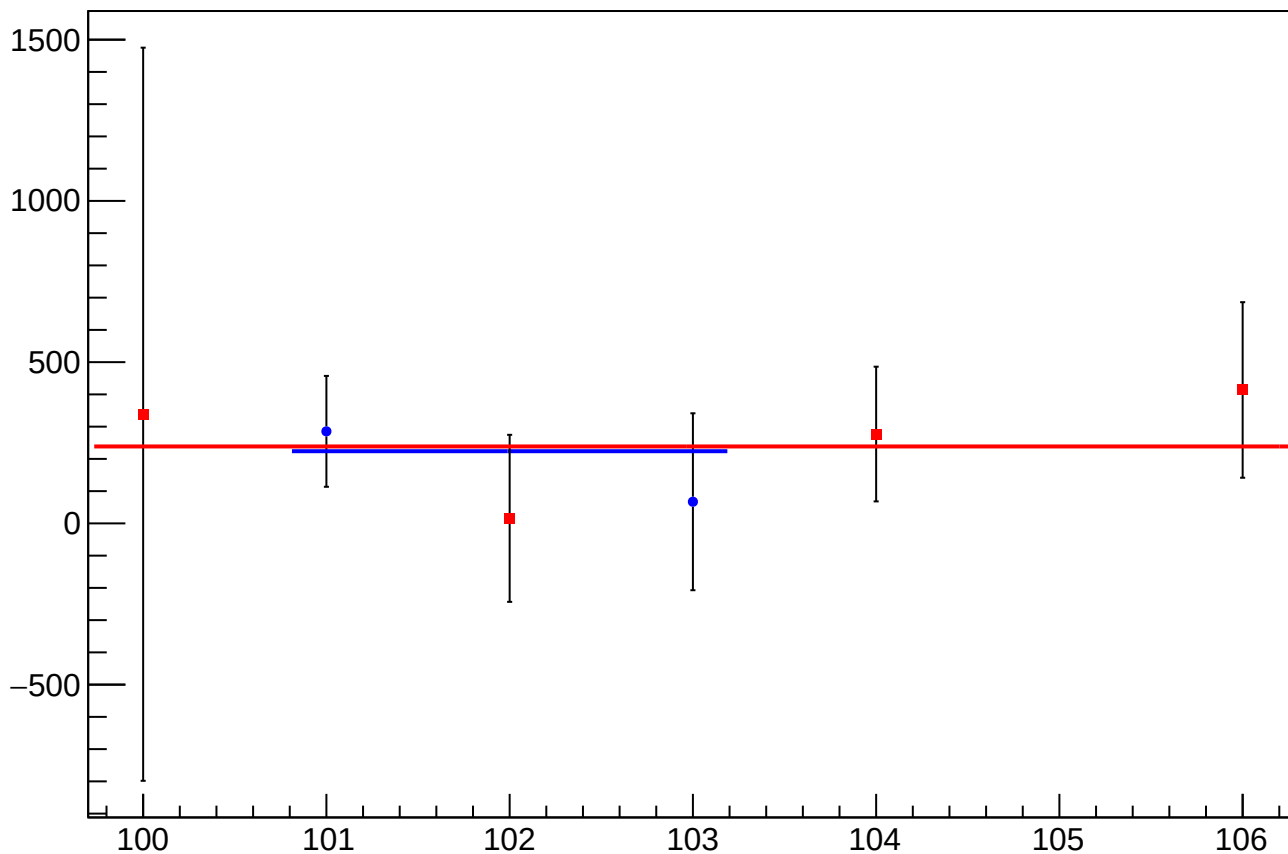
Right: 1581.023 ± 0.675 χ^2/NDF : 21119.7/5

In: 1536.550 ± 0.969 χ^2/NDF : 5028.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1581.023 ± 0.675 χ^2/NDF : 21119.7/5

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.846 $\pm$ 145.675 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 238.571 $\pm$ 138.540 χ^2 /NDF: 1.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

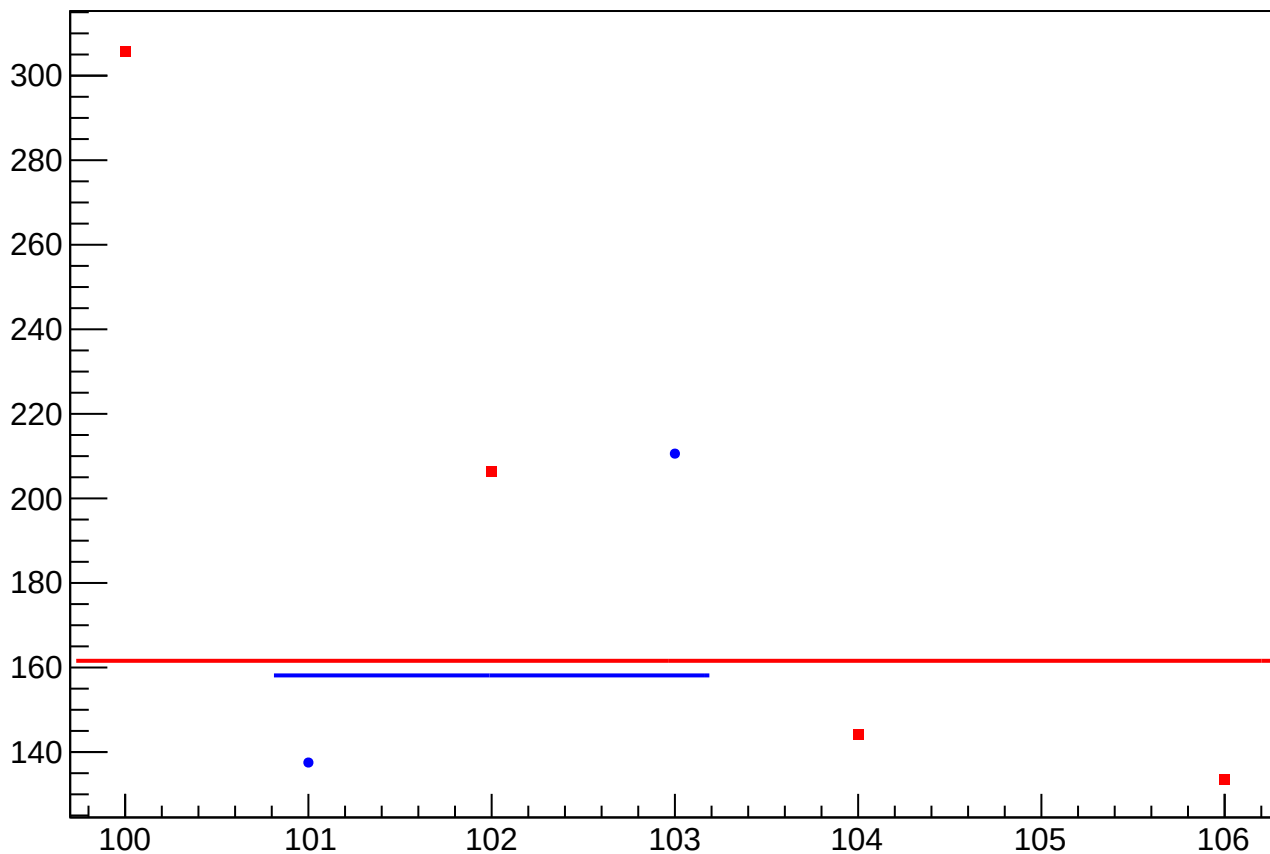
Right: 231.578 $\pm$ 100.390 χ^2 /NDF: 1.7/5

In: 223.846 $\pm$ 145.675 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.578 $\pm$ 100.390 χ^2 /NDF: 1.7/5

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.586+/-0.098 χ^2/NDF : 127087.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

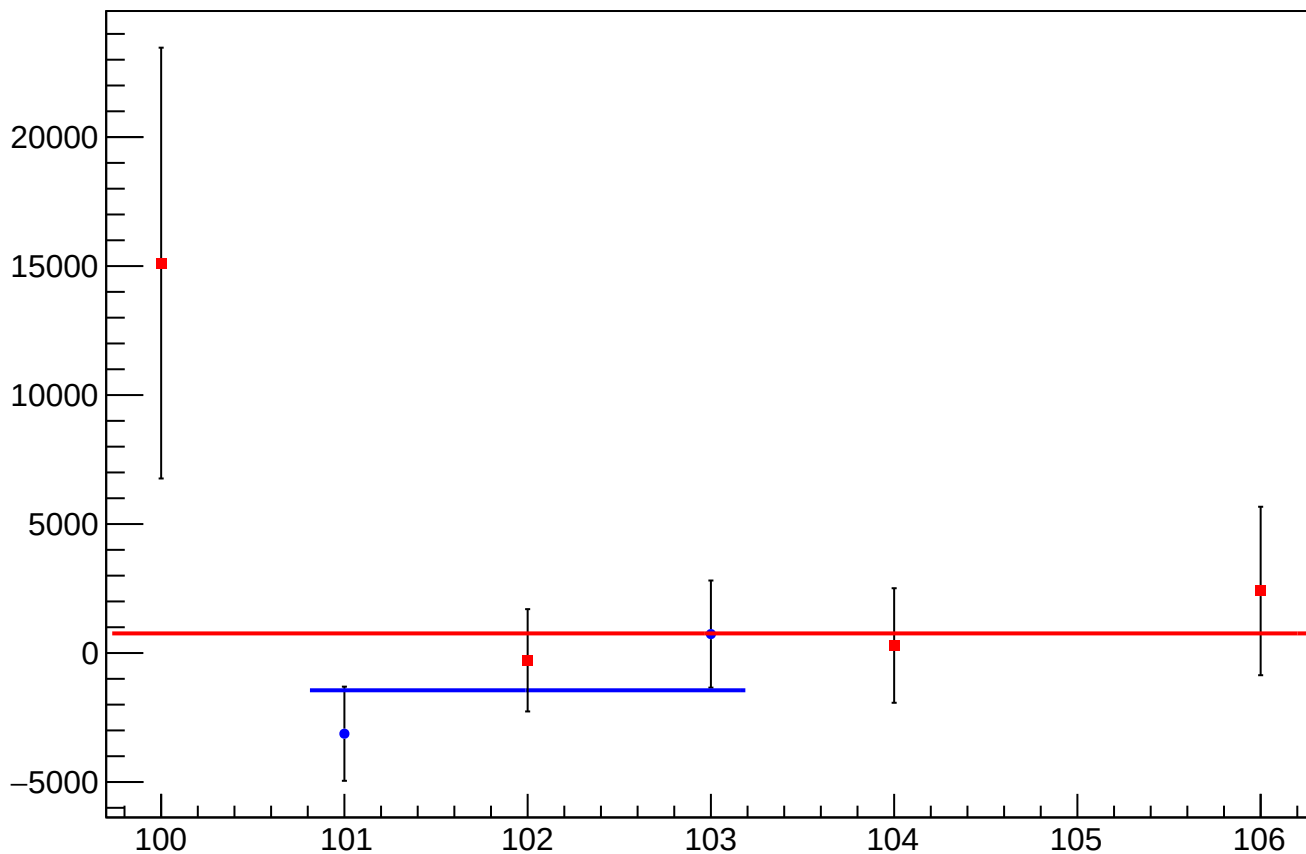
Right: 159.945+/-0.071 χ^2/NDF : 229568.8/5

In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.945+/-0.071 χ^2/NDF : 229568.8/5

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 760.562+/-1330.052 χ^2/NDF : 3.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

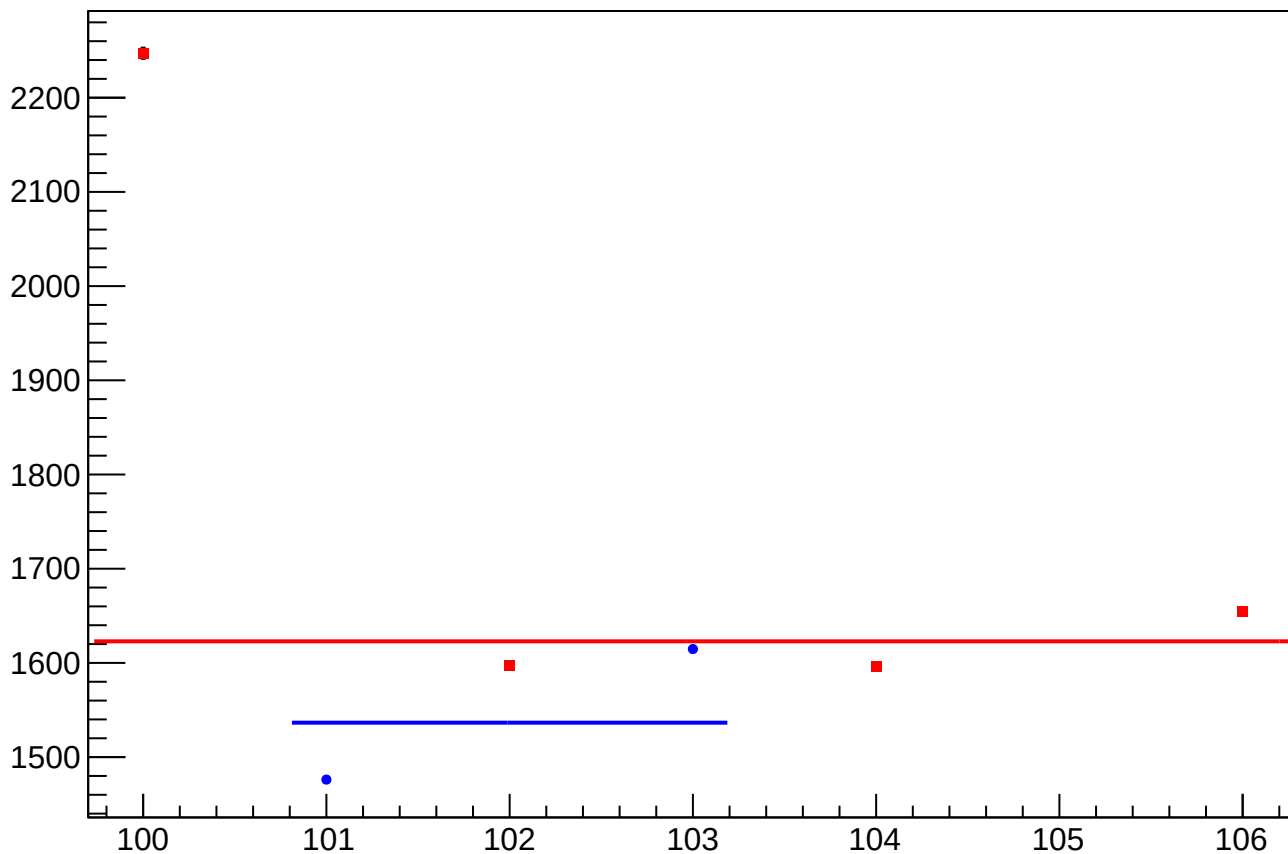
Right: -308.857+/-954.490 χ^2/NDF : 6.8/5

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.857+/-954.490 χ^2/NDF : 6.8/5

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1622.905+/-0.940 χ^2/NDF : 12002.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

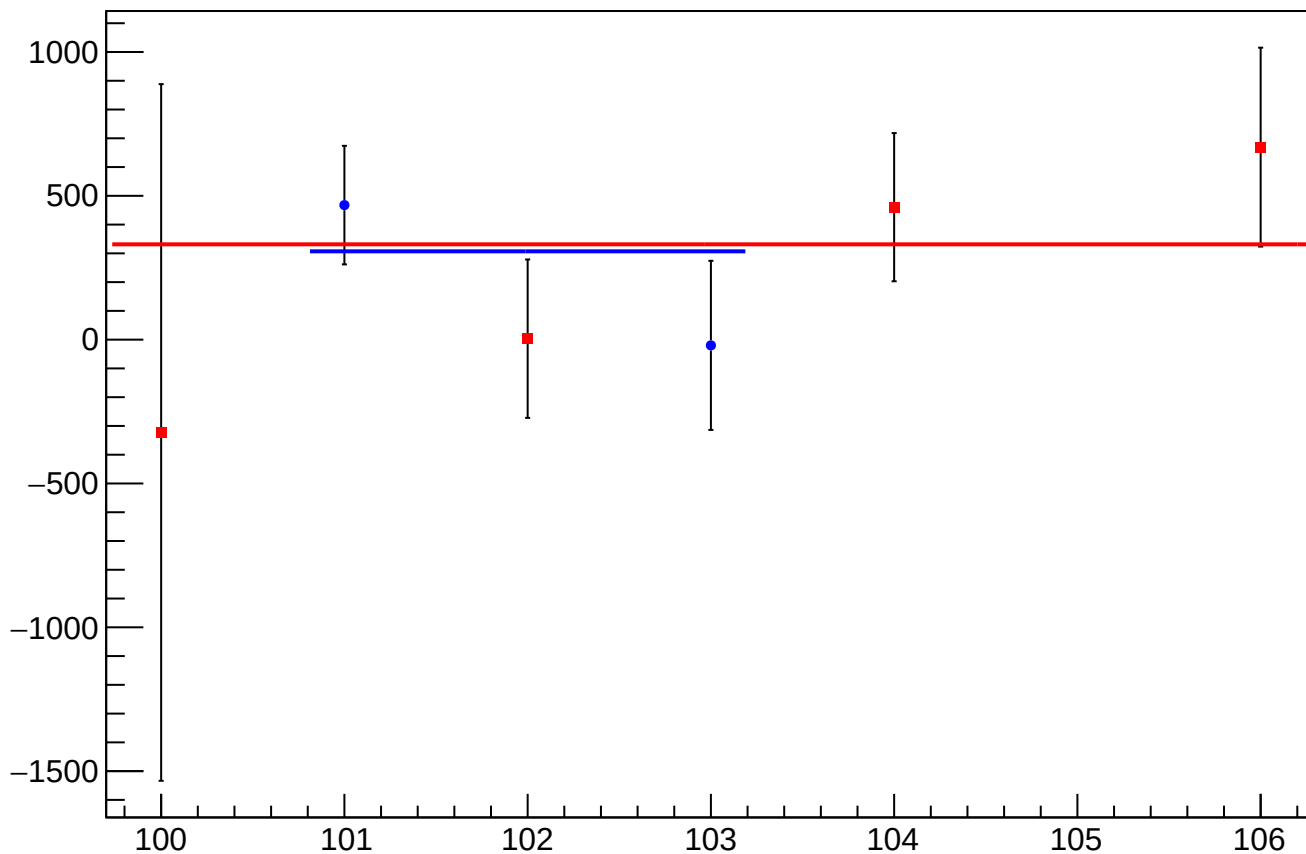
Right: 1581.023+/-0.675 χ^2/NDF : 21119.7/5

In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.023+/-0.675 χ^2/NDF : 21119.7/5

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 307.037 $\pm$ 168.752 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 331.368 $\pm$ 163.719 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

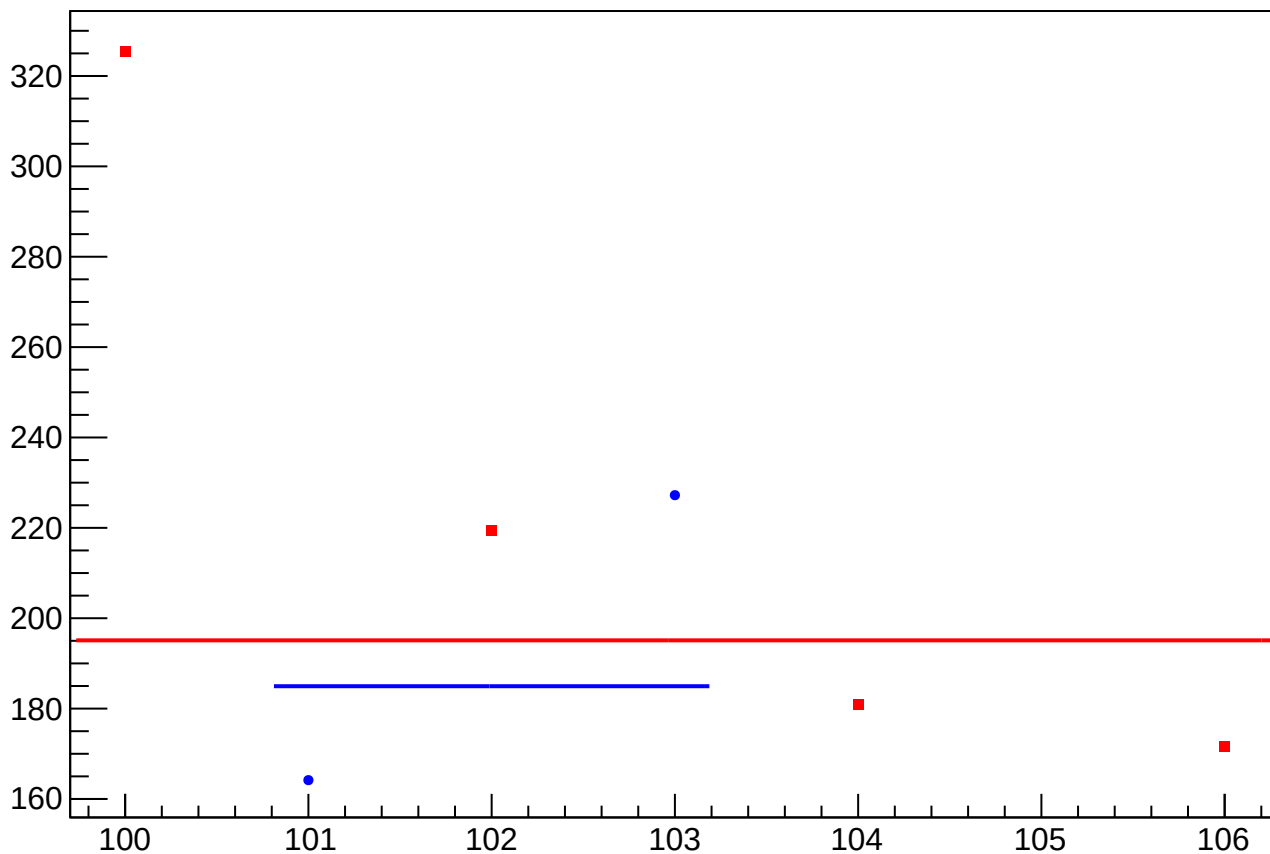
Right: 319.571 $\pm$ 117.506 χ^2 /NDF: 4.8/5

In: 307.037 $\pm$ 168.752 χ^2 /NDF: 1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.571 $\pm$ 117.506 χ^2 /NDF: 4.8/5

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952 ± 0.119 χ^2/NDF : 61720.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 195.105 ± 0.116 χ^2/NDF : 54113.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

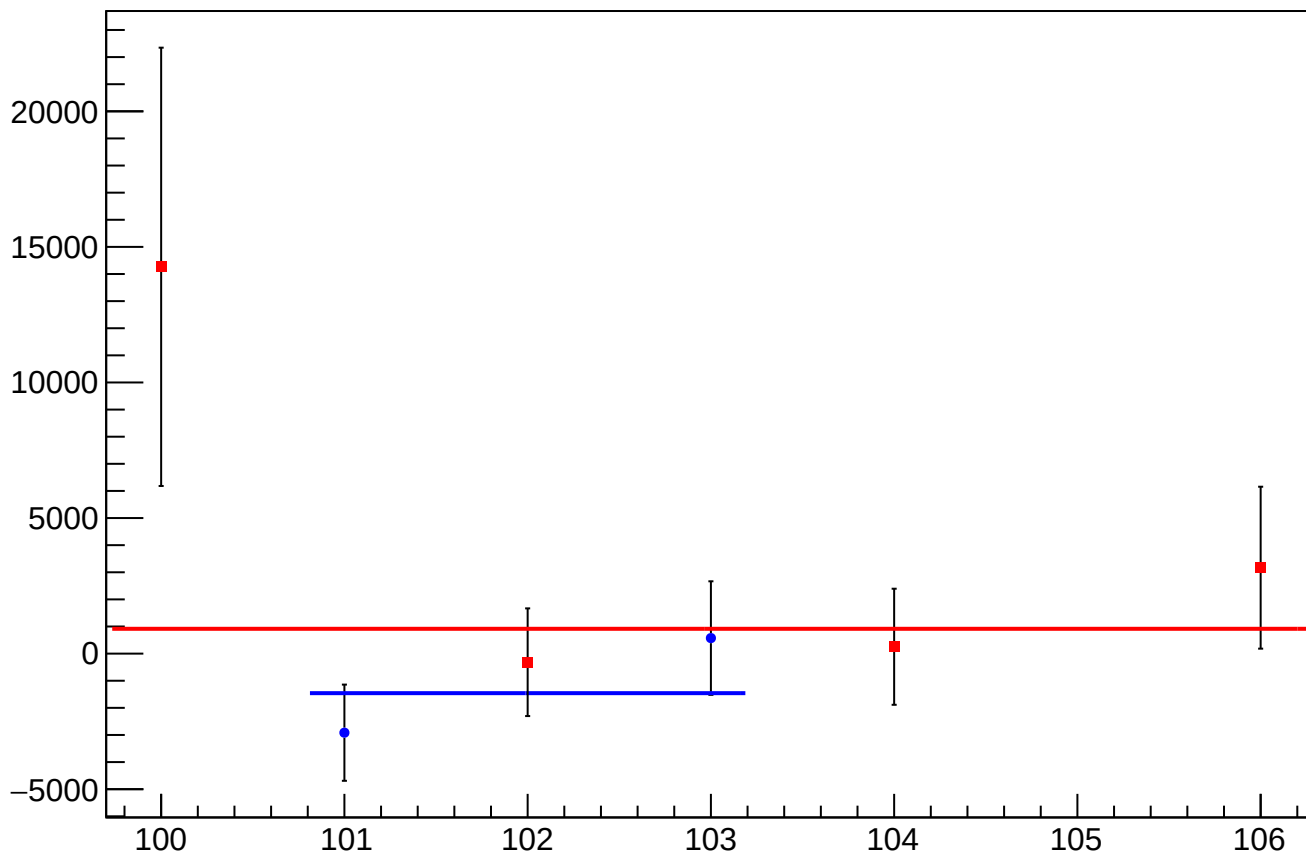
Right: 190.182 ± 0.083 χ^2/NDF : 119564.0/5

In: 184.952 ± 0.119 χ^2/NDF : 61720.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 190.182 ± 0.083 χ^2/NDF : 119564.0/5

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1458.166+/-1353.507 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.374+/-1291.739 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

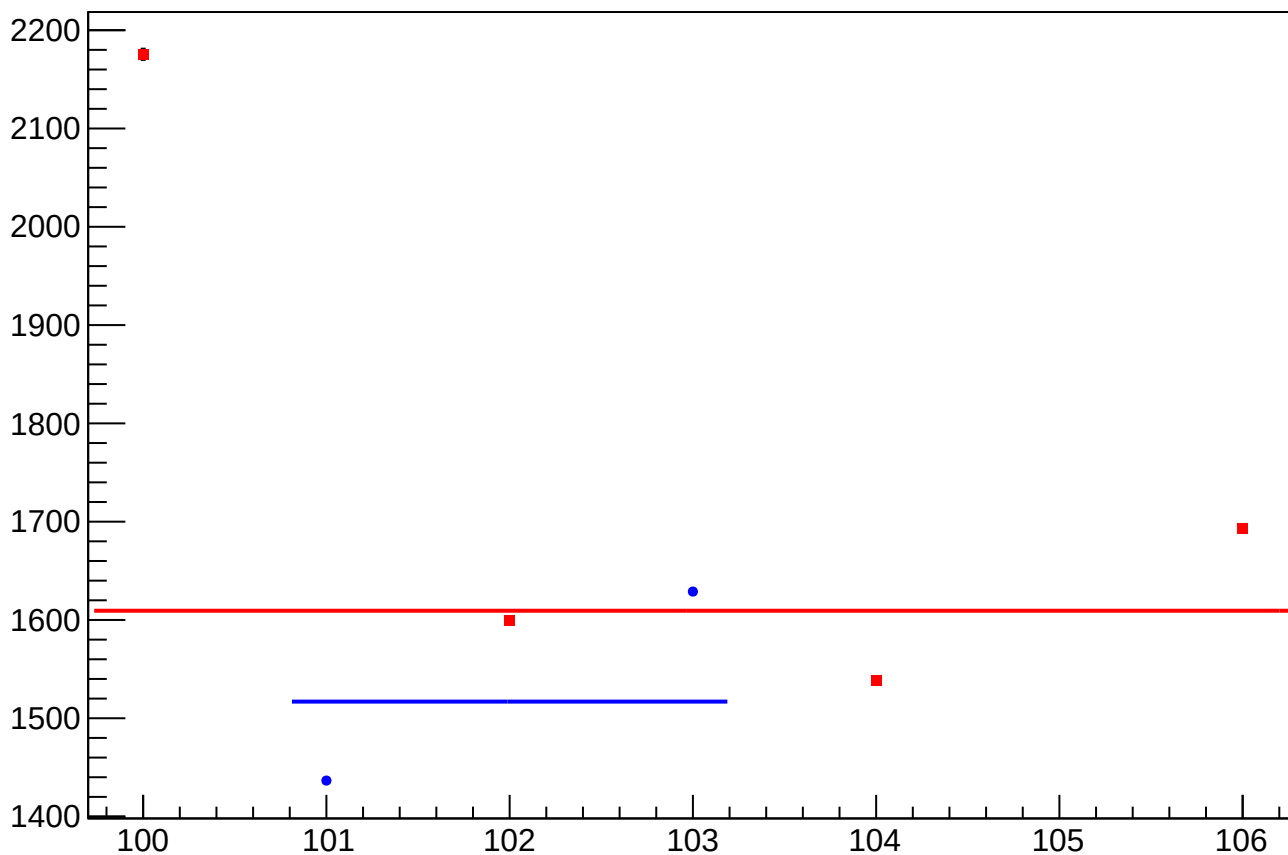
Right: -216.002+/-934.471 χ^2/NDF : 7.0/5

In: -1458.166+/-1353.507 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.002+/-934.471 χ^2/NDF : 7.0/5

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1516.950+/-0.957 χ^2/NDF : 9817.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1609.398+/-0.913 χ^2/NDF : 13649.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

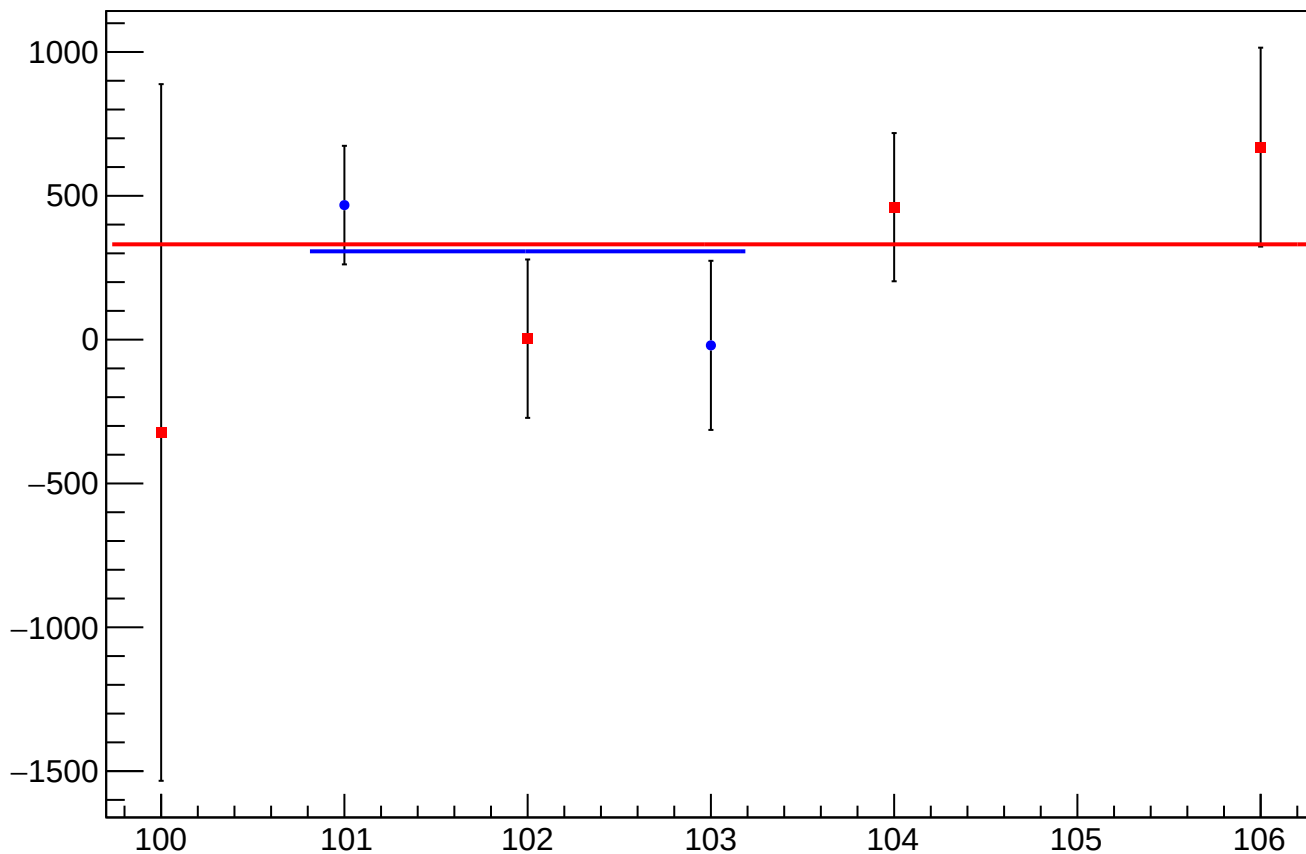
Right: 1565.331+/-0.661 χ^2/NDF : 28349.3/5

In: 1516.950+/-0.957 χ^2/NDF : 9817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.331+/-0.661 χ^2/NDF : 28349.3/5

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 307.036 $\pm$ 168.752 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 331.371 $\pm$ 163.719 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

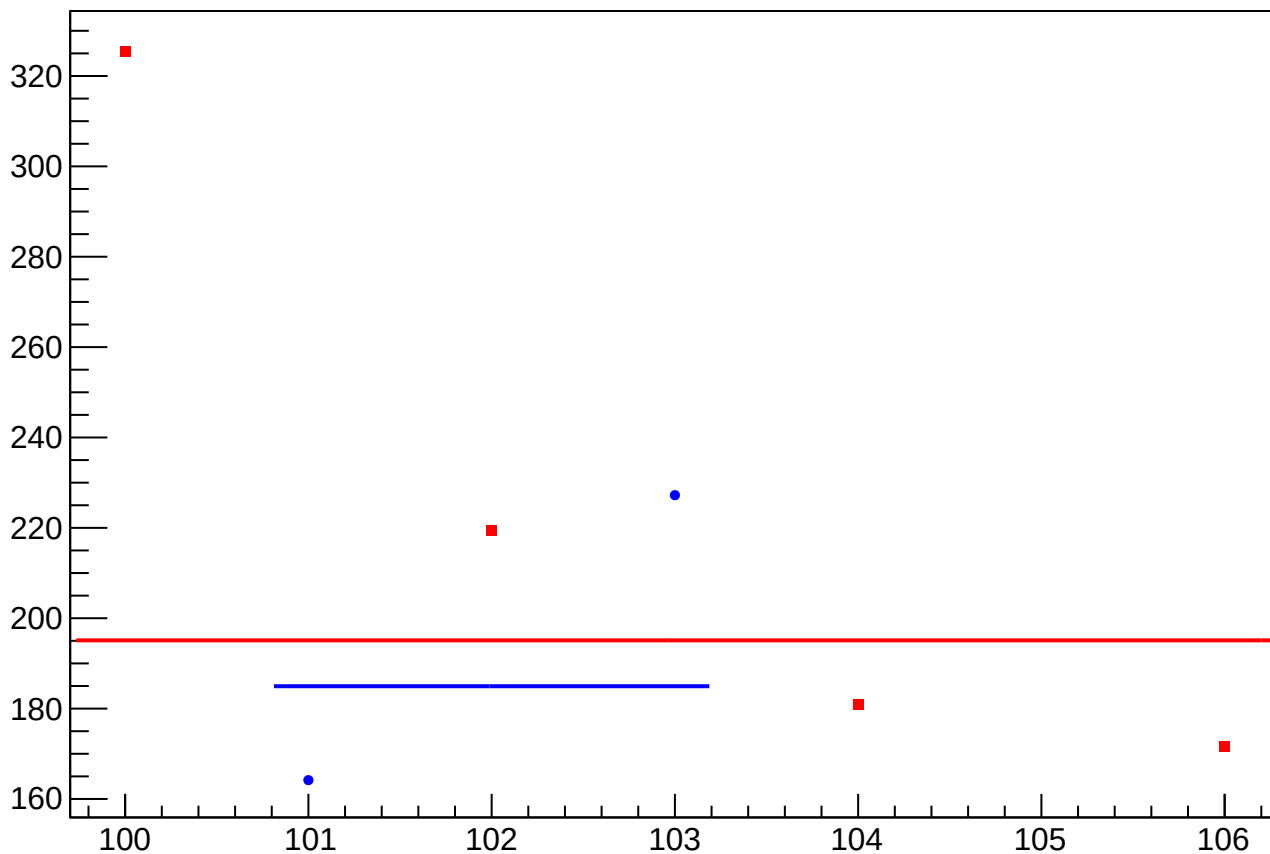
Right: 319.572 $\pm$ 117.506 χ^2 /NDF: 4.8/5

In: 307.036 $\pm$ 168.752 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 319.572 $\pm$ 117.506 χ^2 /NDF: 4.8/5

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952 ± 0.119 χ^2/NDF : 61718.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 195.106 ± 0.116 χ^2/NDF : 54112.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

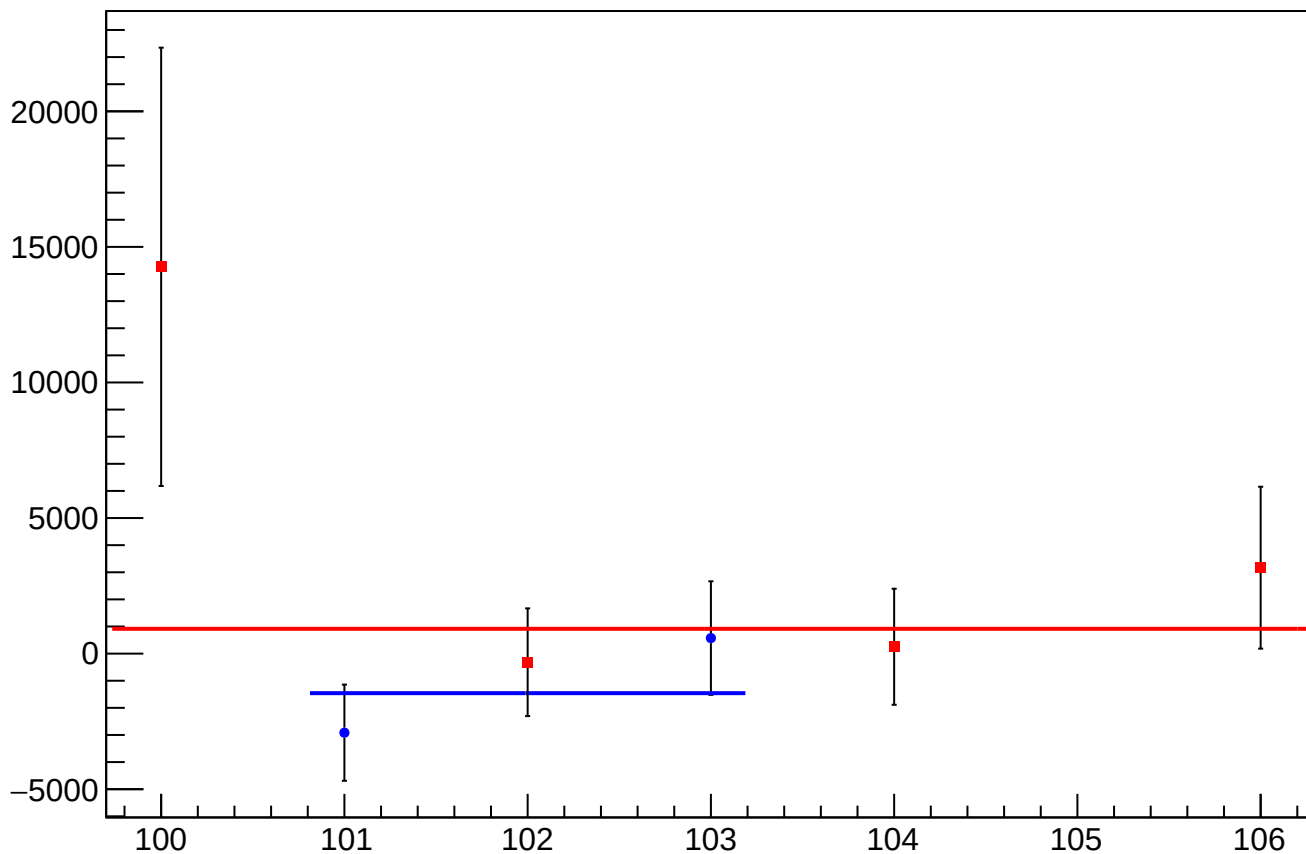
Right: 190.182 ± 0.083 χ^2/NDF : 119560.7/5

In: 184.952 ± 0.119 χ^2/NDF : 61718.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 190.182 ± 0.083 χ^2/NDF : 119560.7/5

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1458.162+/-1353.504 χ^2 /NDF: 1.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 915.370+/-1291.735 χ^2 /NDF: 3.8/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

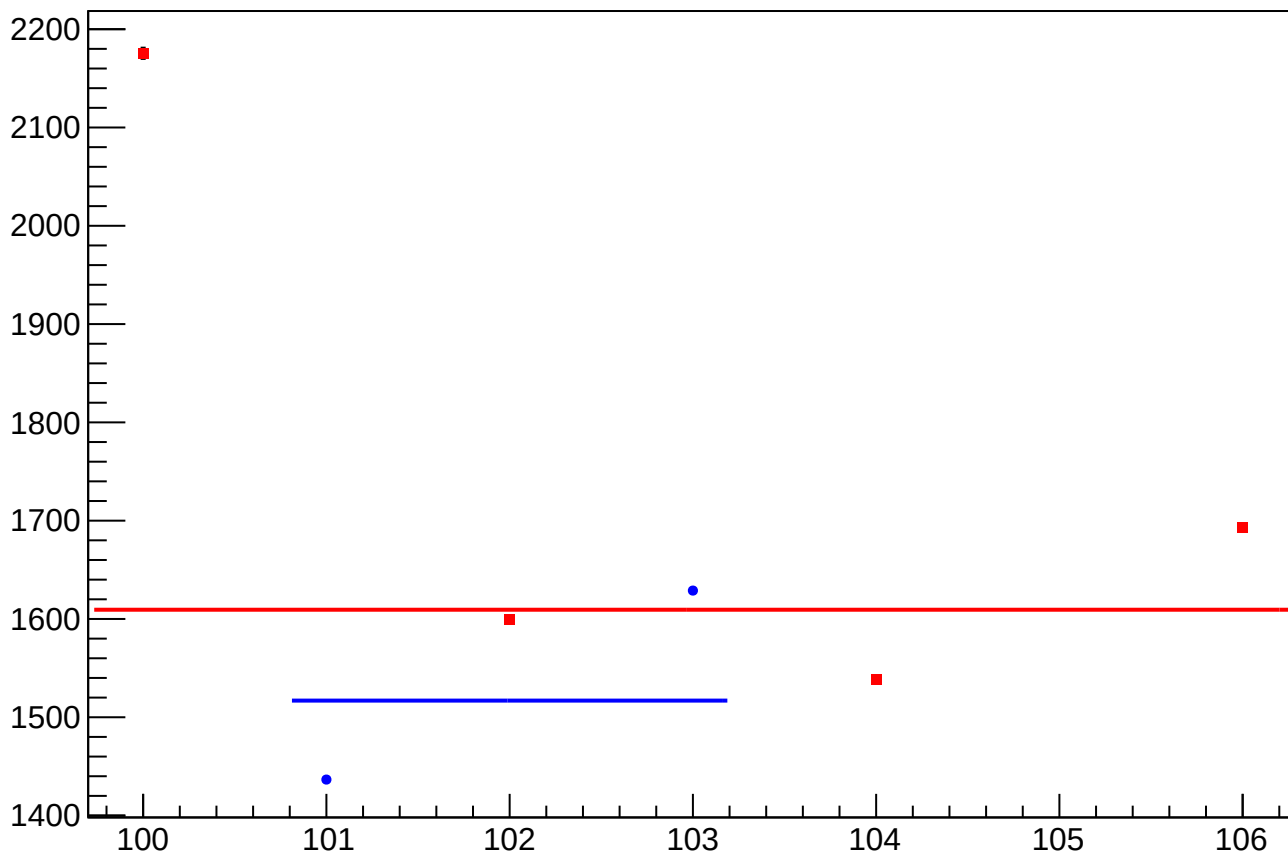
Right: -216.002+/-934.469 χ^2 /NDF: 7.0/5

In: -1458.162+/-1353.504 χ^2 /NDF: 1.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -216.002+/-934.469 χ^2 /NDF: 7.0/5

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1516.946 $\pm$ 0.957 χ^2 /NDF: 9816.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1609.393 $\pm$ 0.913 χ^2 /NDF: 13649.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

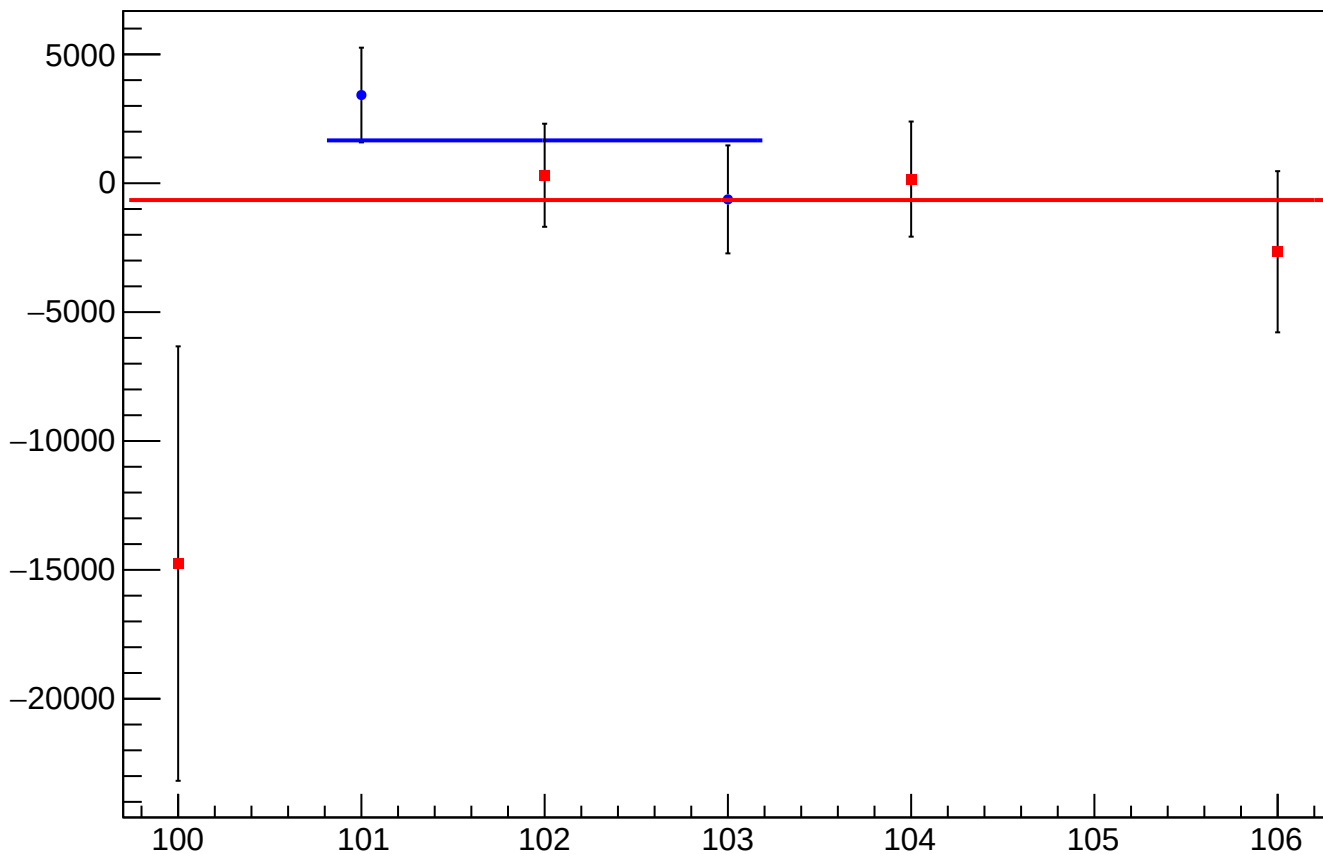
Right: 1565.327 $\pm$ 0.661 χ^2 /NDF: 28349.2/5

In: 1516.946 $\pm$ 0.957 χ^2 /NDF:9816.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1565.327 $\pm$ 0.661 χ^2 /NDF: 28349.2/5

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 1662.070+/-1381.274 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -652.643+/-1327.942 χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

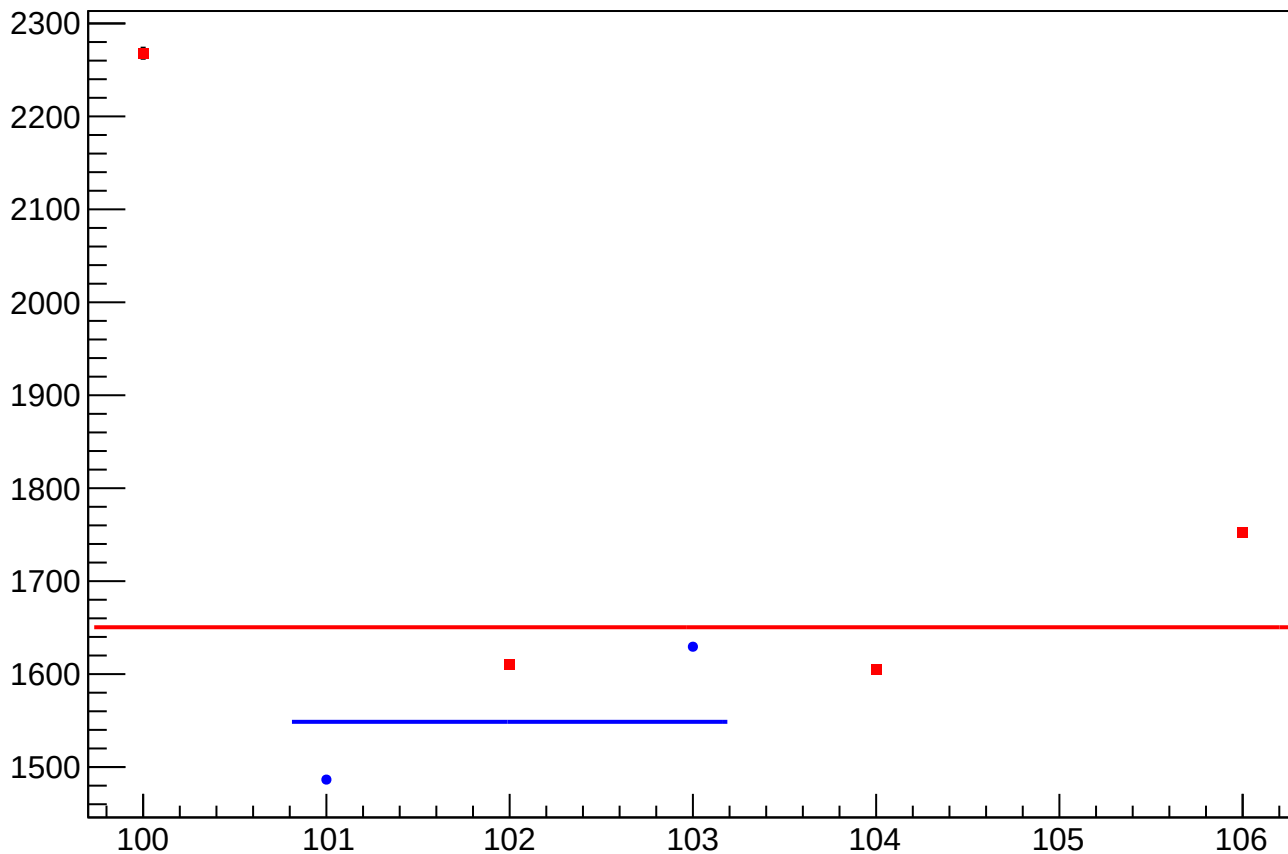
Right: 459.165+/-957.296 χ^2/NDF : 7.1/5

In: 1662.070+/-1381.274 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 459.165+/-957.296 χ^2/NDF : 7.1/5

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1548.660+/-0.977 χ^2/NDF : 5264.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1650.413+/-0.939 χ^2/NDF : 14497.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

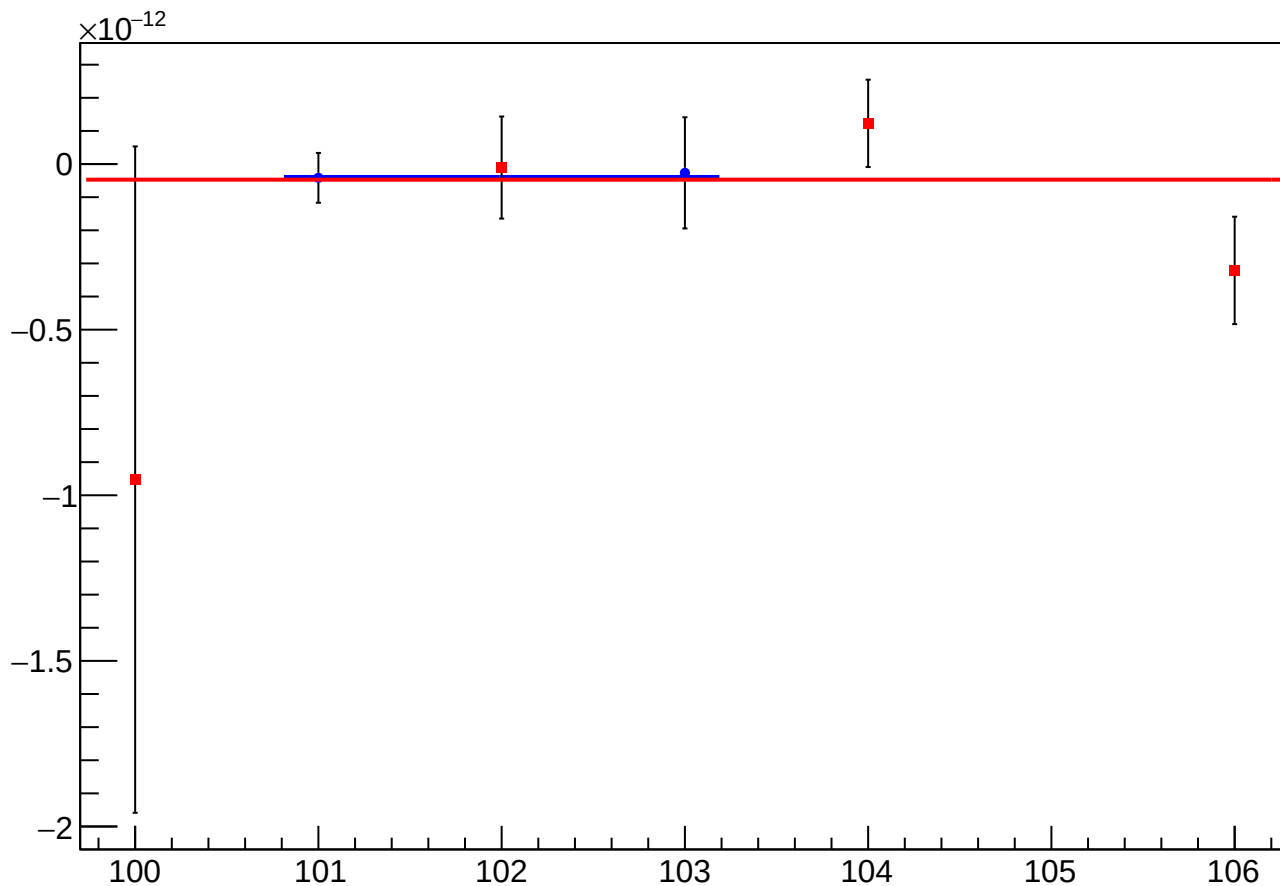
Right: 1601.538+/-0.677 χ^2/NDF : 25402.0/5

In: 1548.660+/-0.977 χ^2/NDF : 5264.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1601.538+/-0.677 χ^2/NDF : 25402.0/5

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

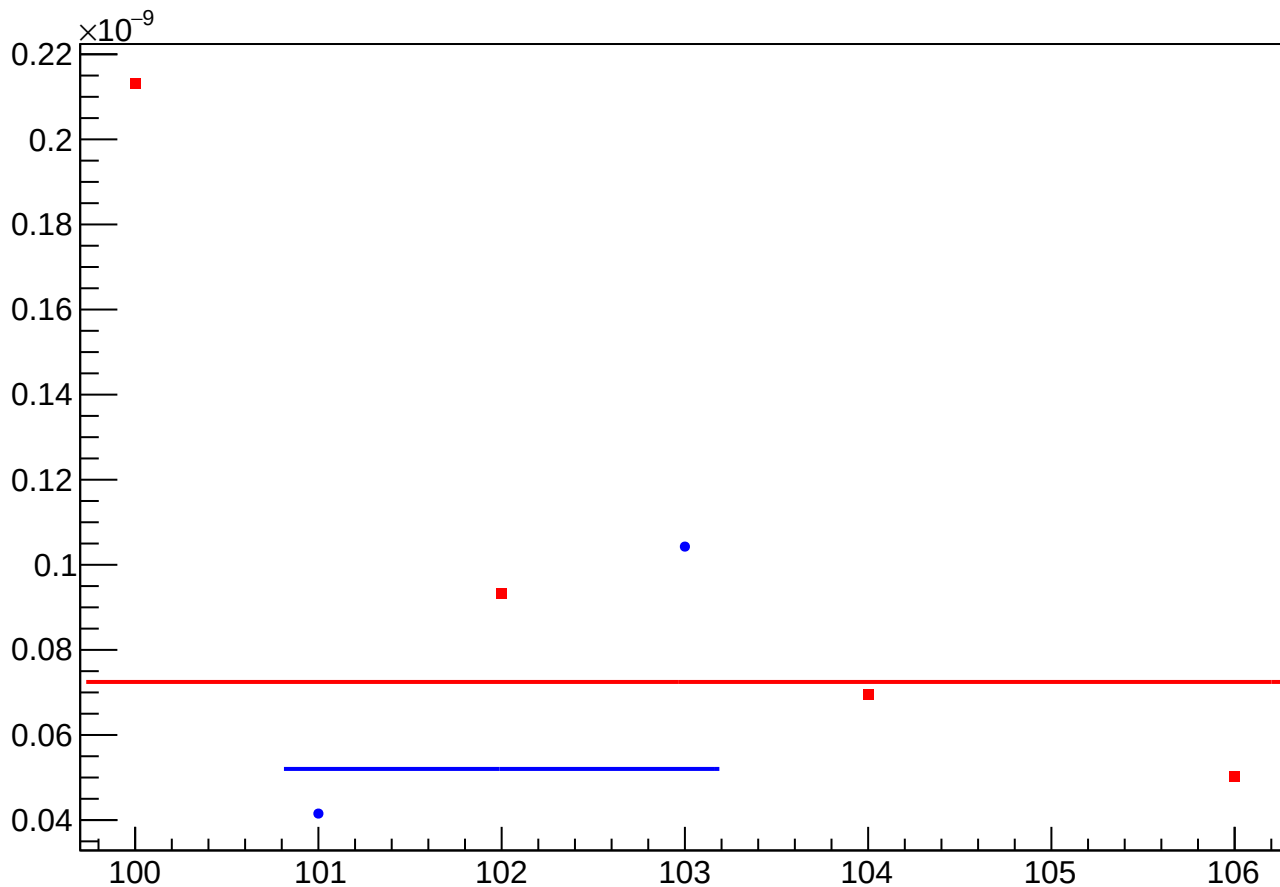
Right: -0.000+/-0.000 χ^2/NDF : 5.4/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.4/5

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 232858.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 113759.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

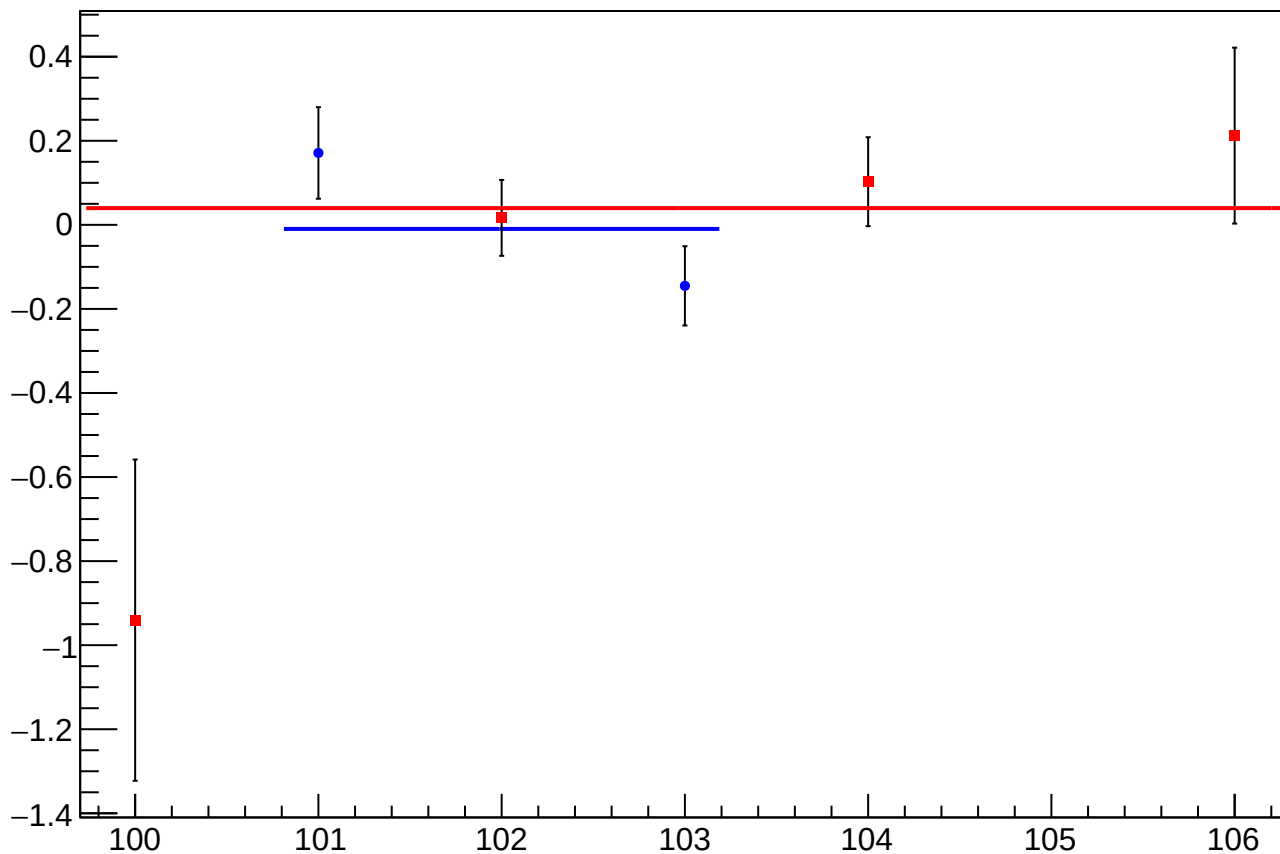
Right: 0.000+/-0.000 χ^2/NDF : 416727.4/5

In: 0.000+/-0.000 χ^2/NDF : 232858.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 416727.4/5

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.064 χ^2 /NDF: 7.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

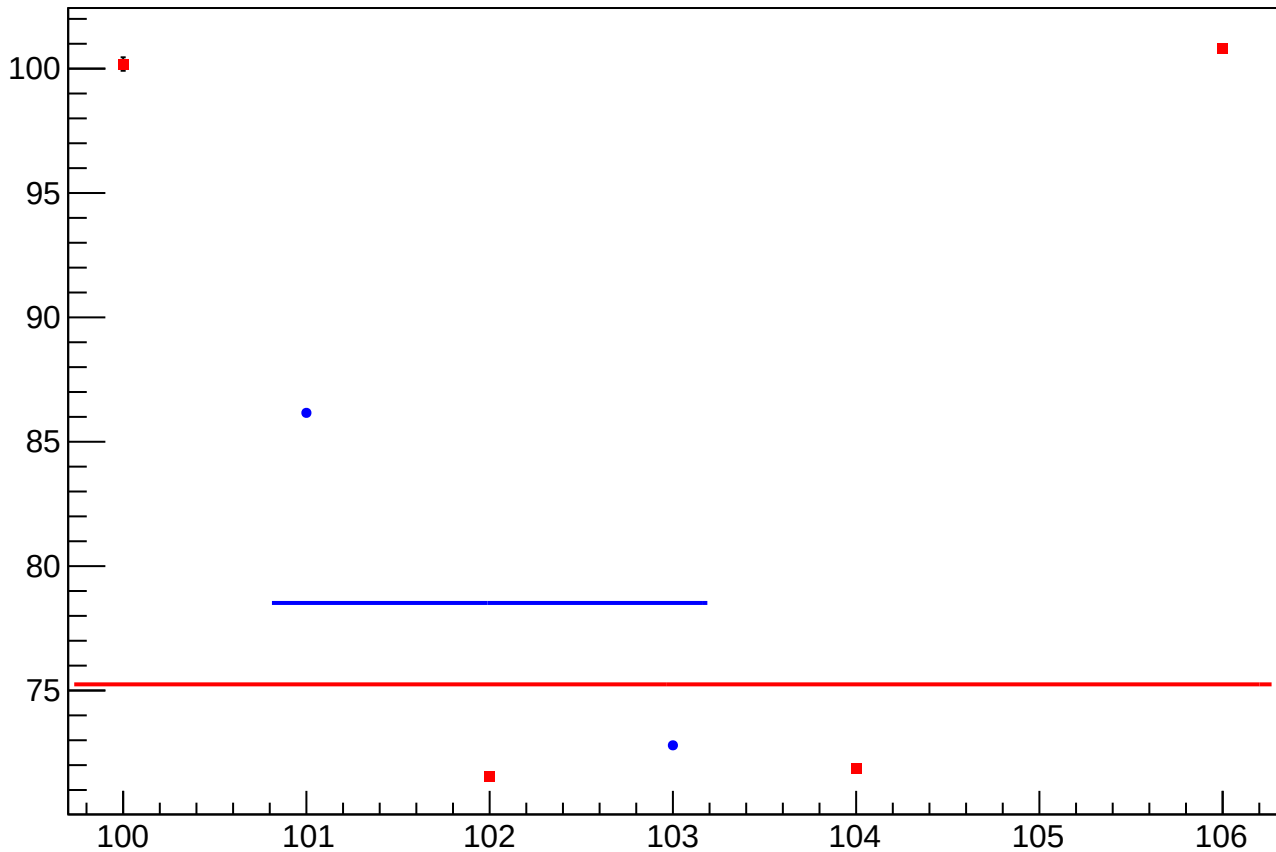
Right: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.247+/-0.045 χ^2/NDF : 43749.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

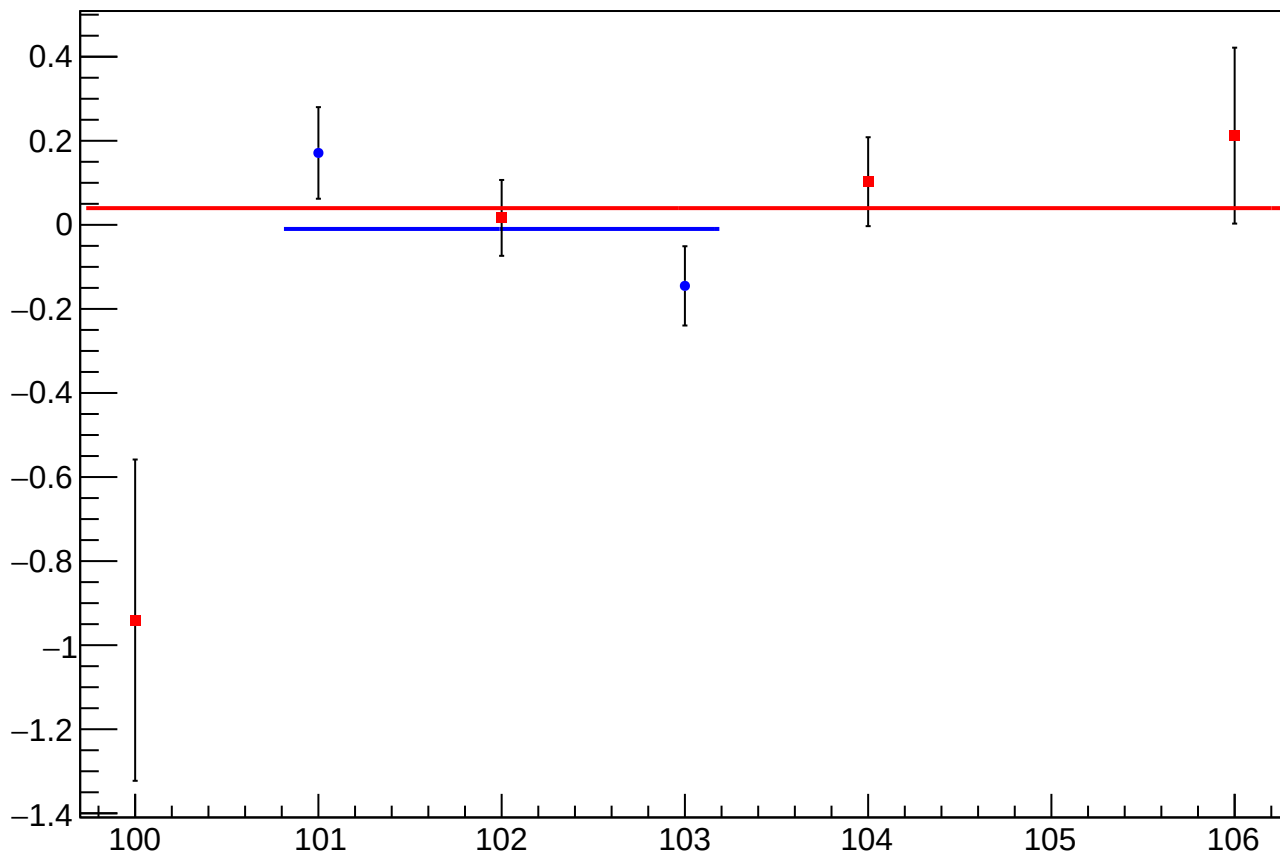
Right: 76.715+/-0.034 χ^2/NDF : 63280.2/5

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.715+/-0.034 χ^2/NDF : 63280.2/5

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.064 χ^2 /NDF: 7.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

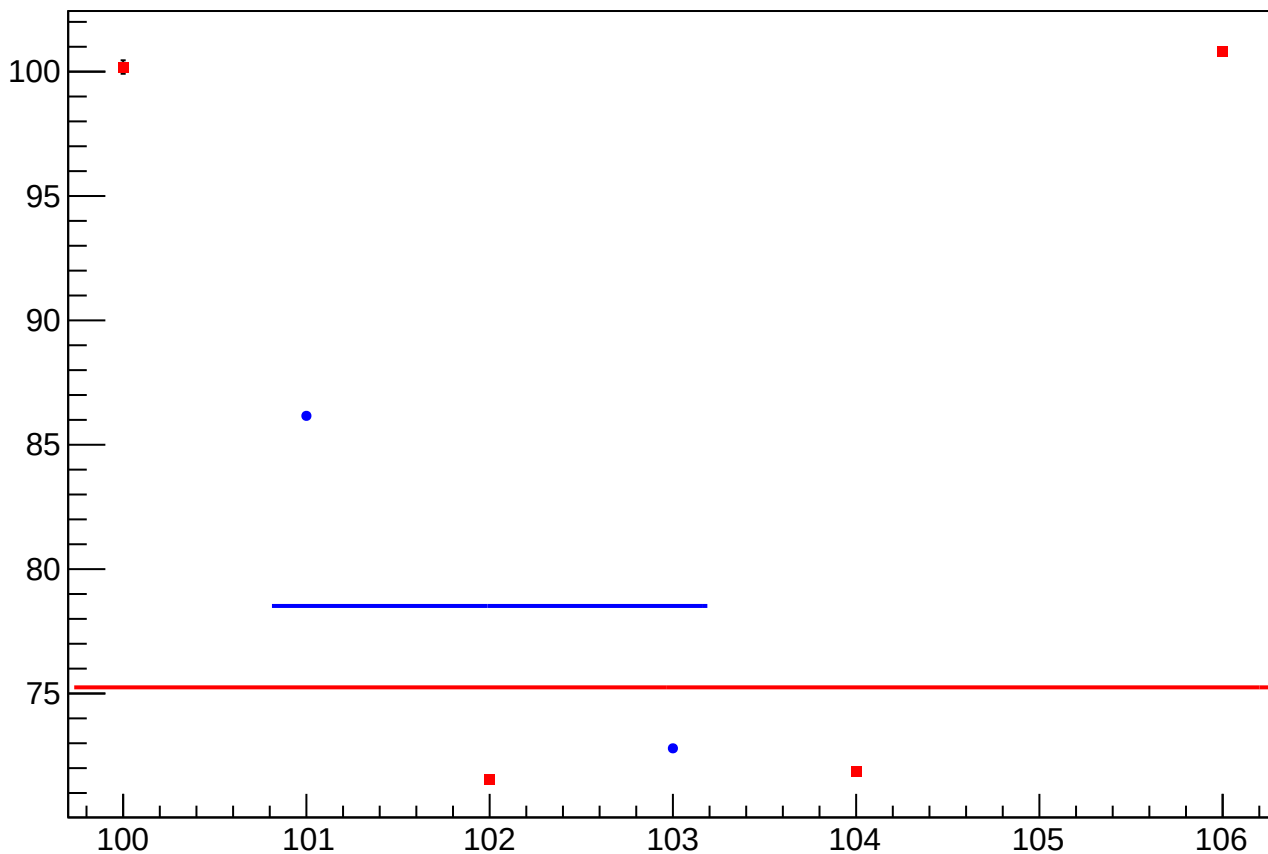
Right: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.247+/-0.045 χ^2/NDF : 43749.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

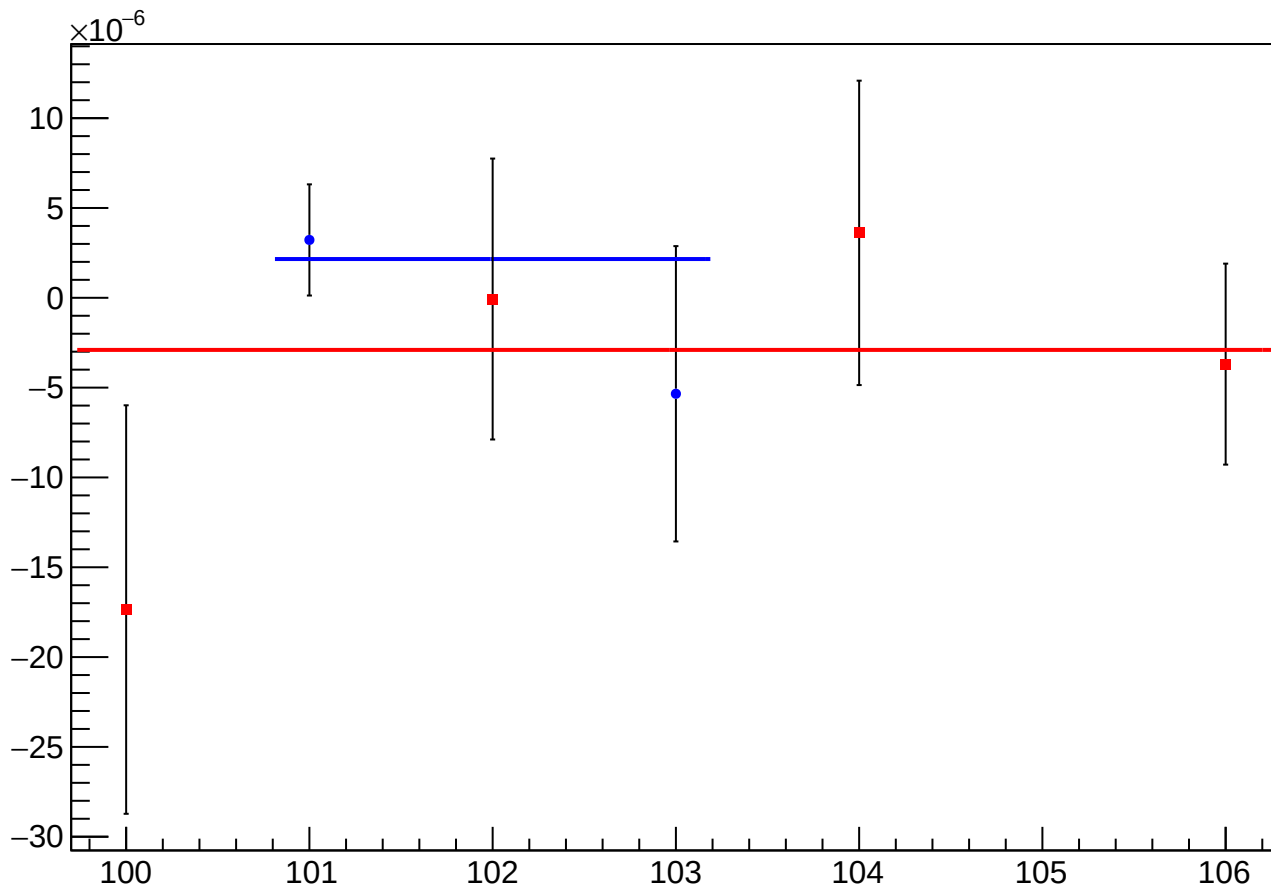
Right: 76.715+/-0.034 χ^2/NDF : 63280.2/5

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.715+/-0.034 χ^2/NDF : 63280.2/5

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

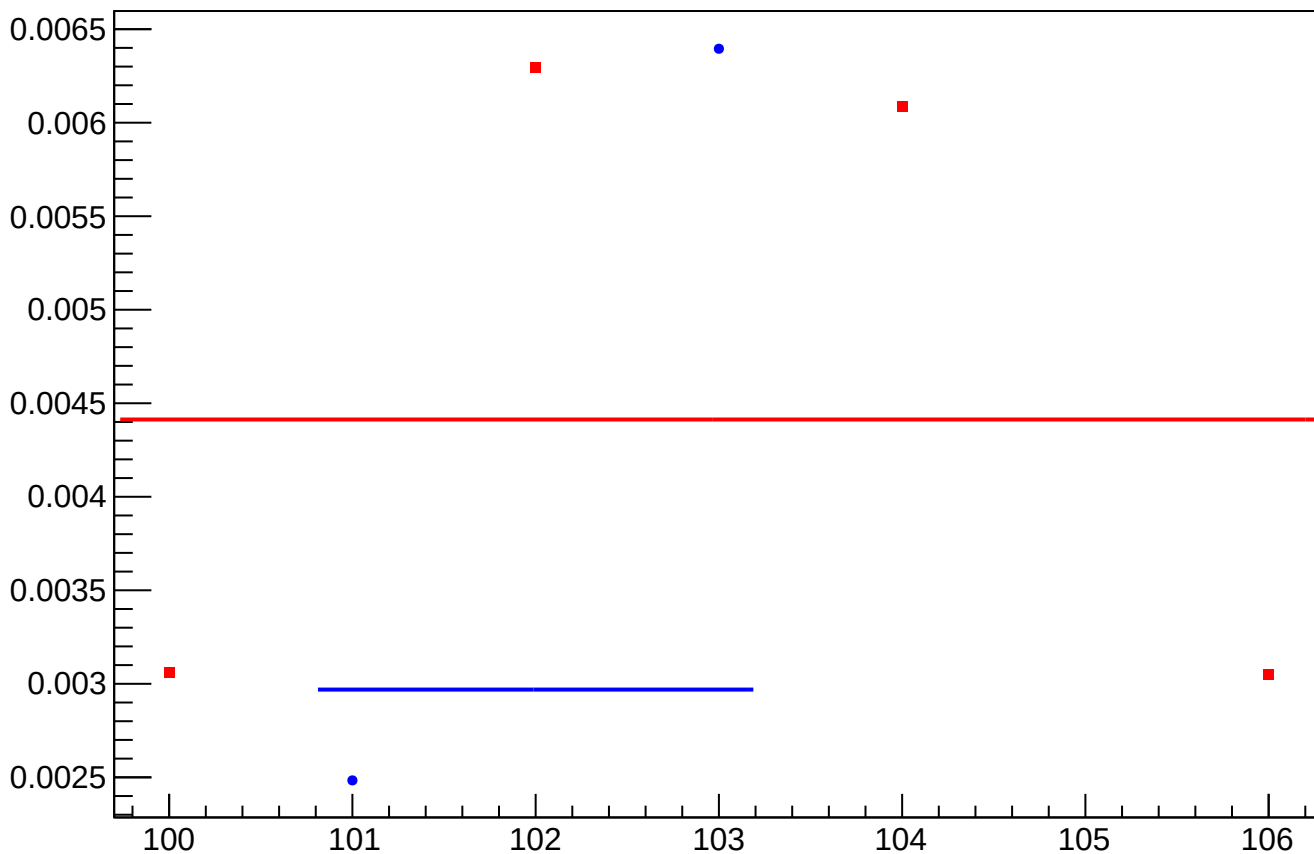
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/5

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 396678.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 341299.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

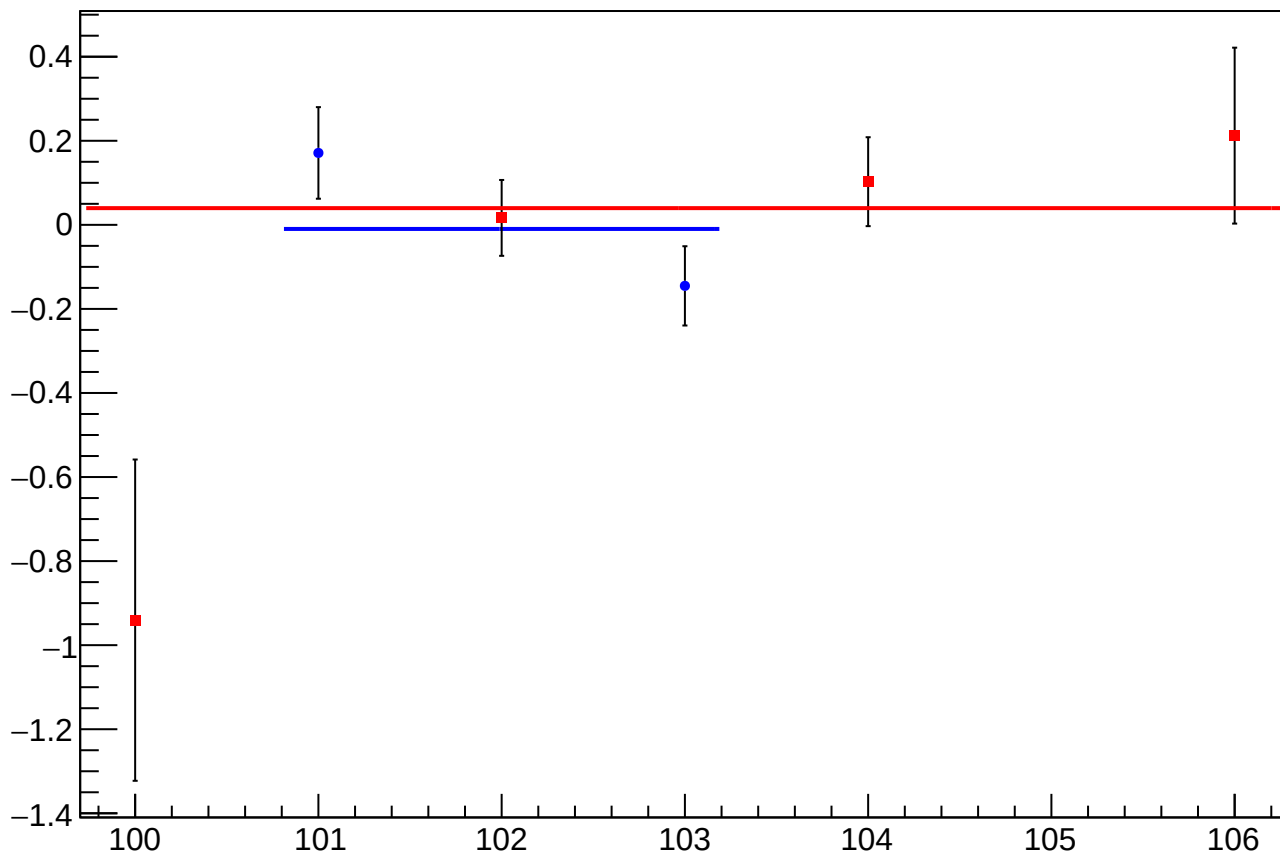
Right: 0.004 $\pm$ 0.000 χ^2 /NDF: 921878.6/5

In: 0.003 $\pm$ 0.000 χ^2 /NDF:396678.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 921878.6/5

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.064 χ^2 /NDF: 7.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

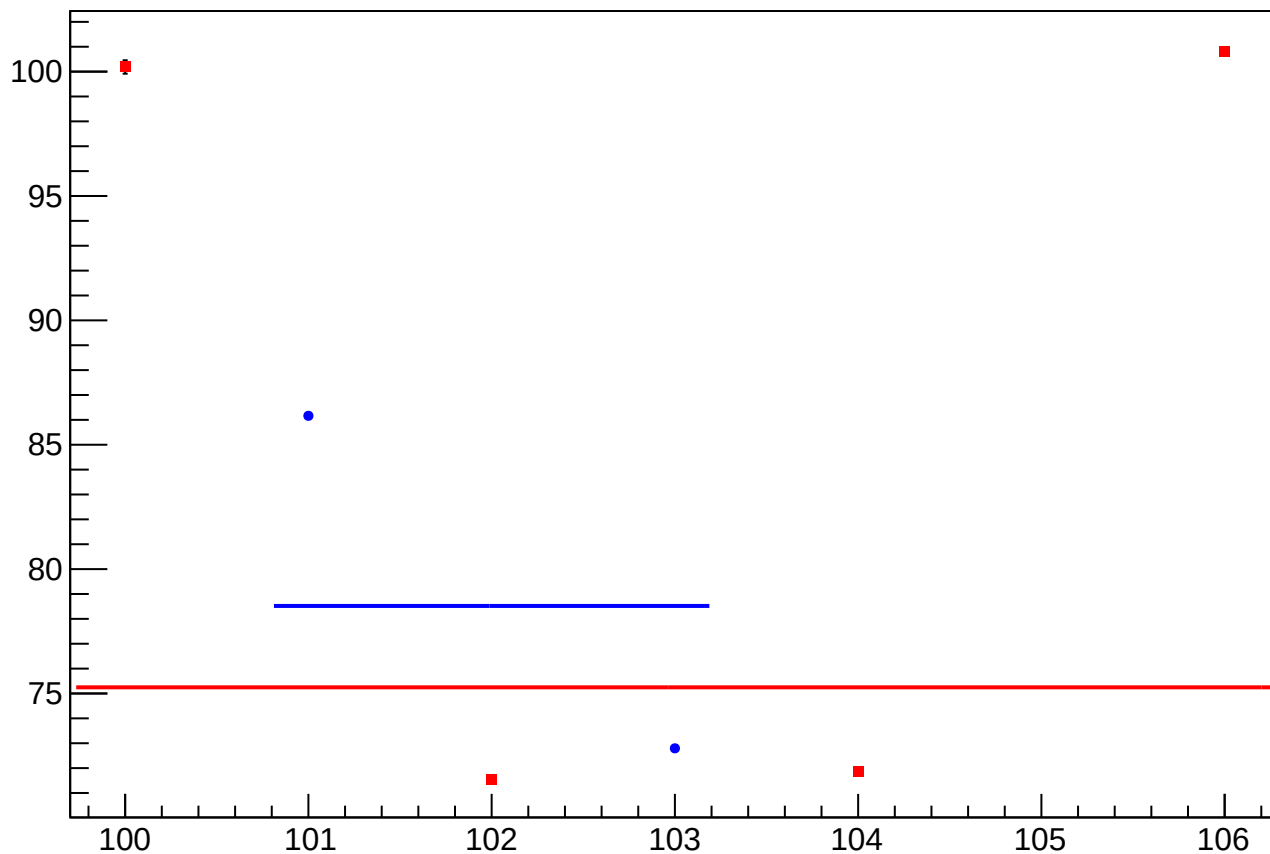
Right: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.247+/-0.045 χ^2/NDF : 43747.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

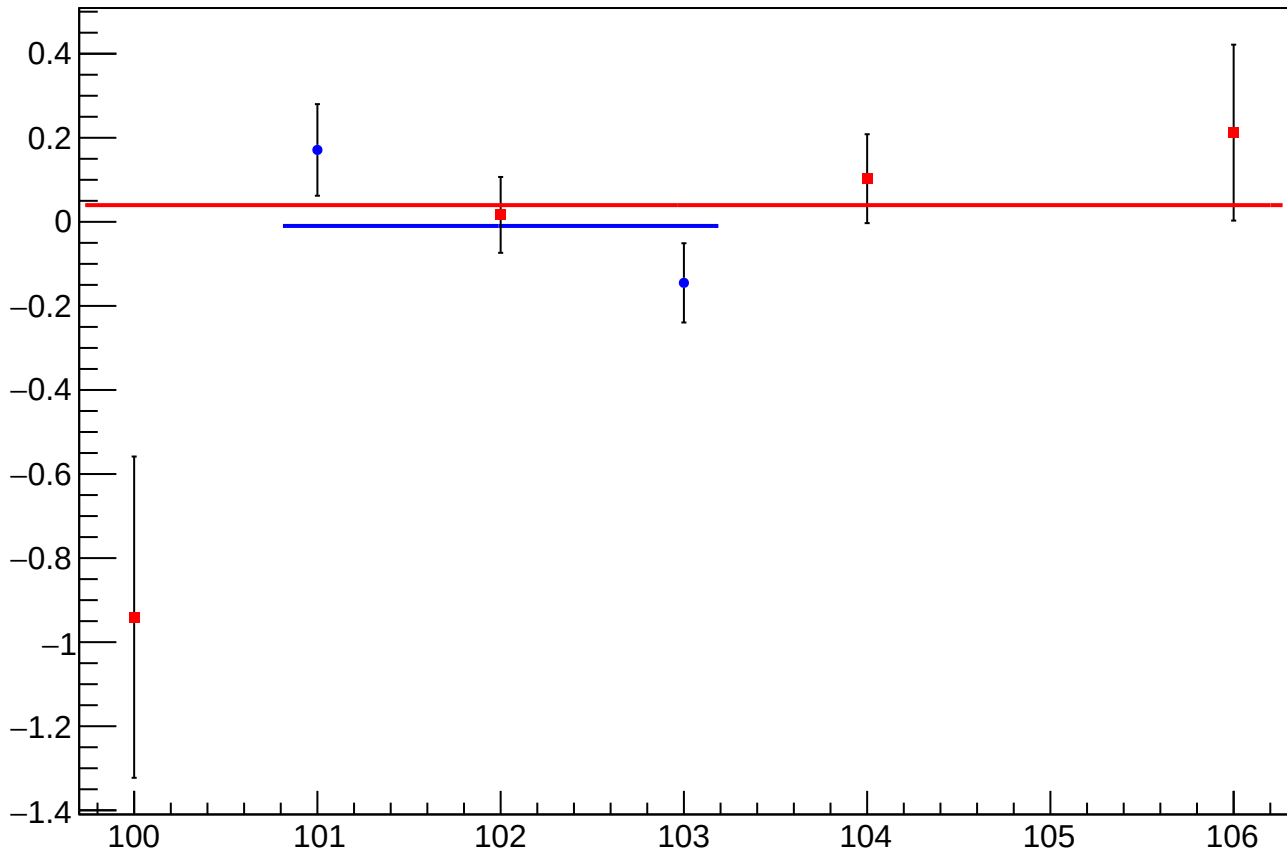
Right: 76.715+/-0.034 χ^2/NDF : 63281.4/5

In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.715+/-0.034 χ^2/NDF : 63281.4/5

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.071 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.040 $\pm$ 0.064 χ^2 /NDF: 7.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

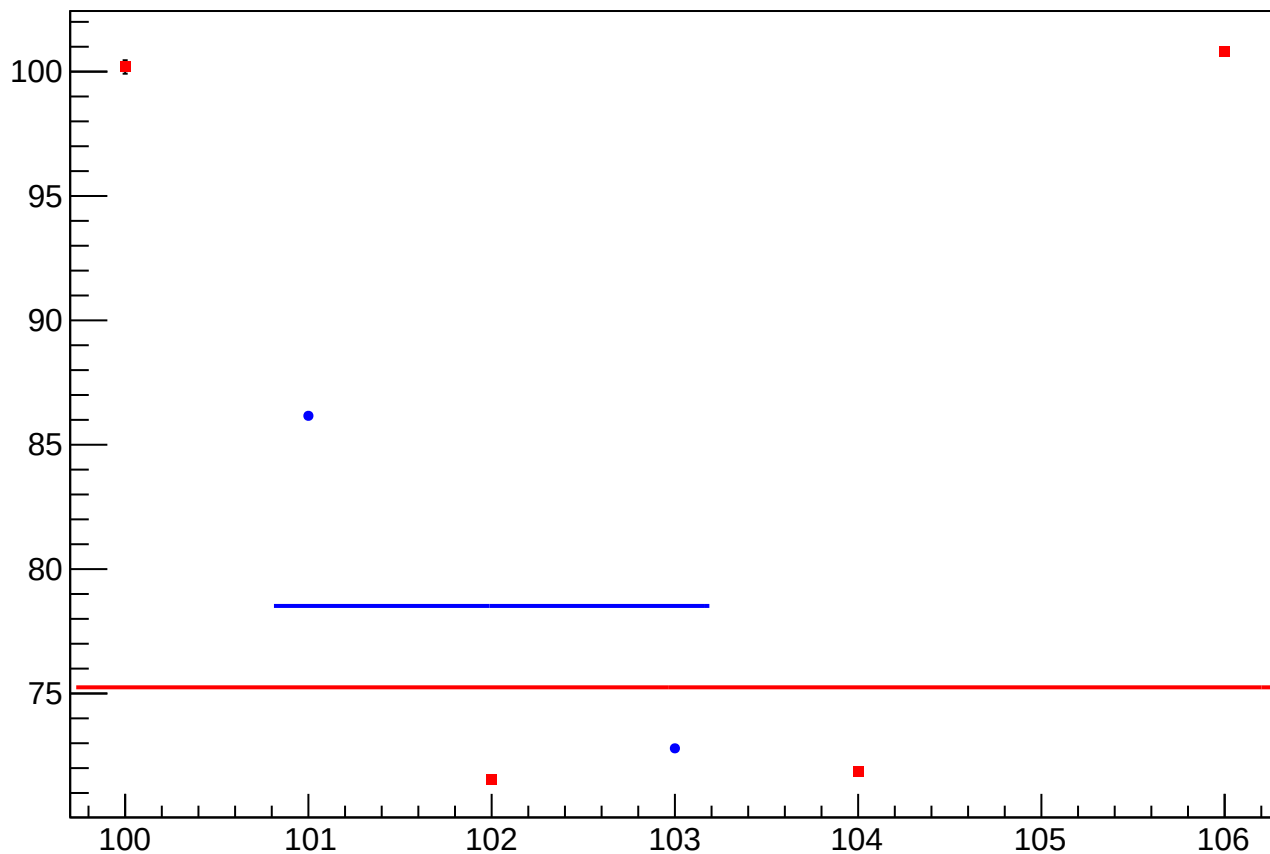
Right: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

In: -0.010 $\pm$ 0.071 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.048 χ^2 /NDF: 12.8/5

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.247+/-0.045 χ^2/NDF : 43747.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

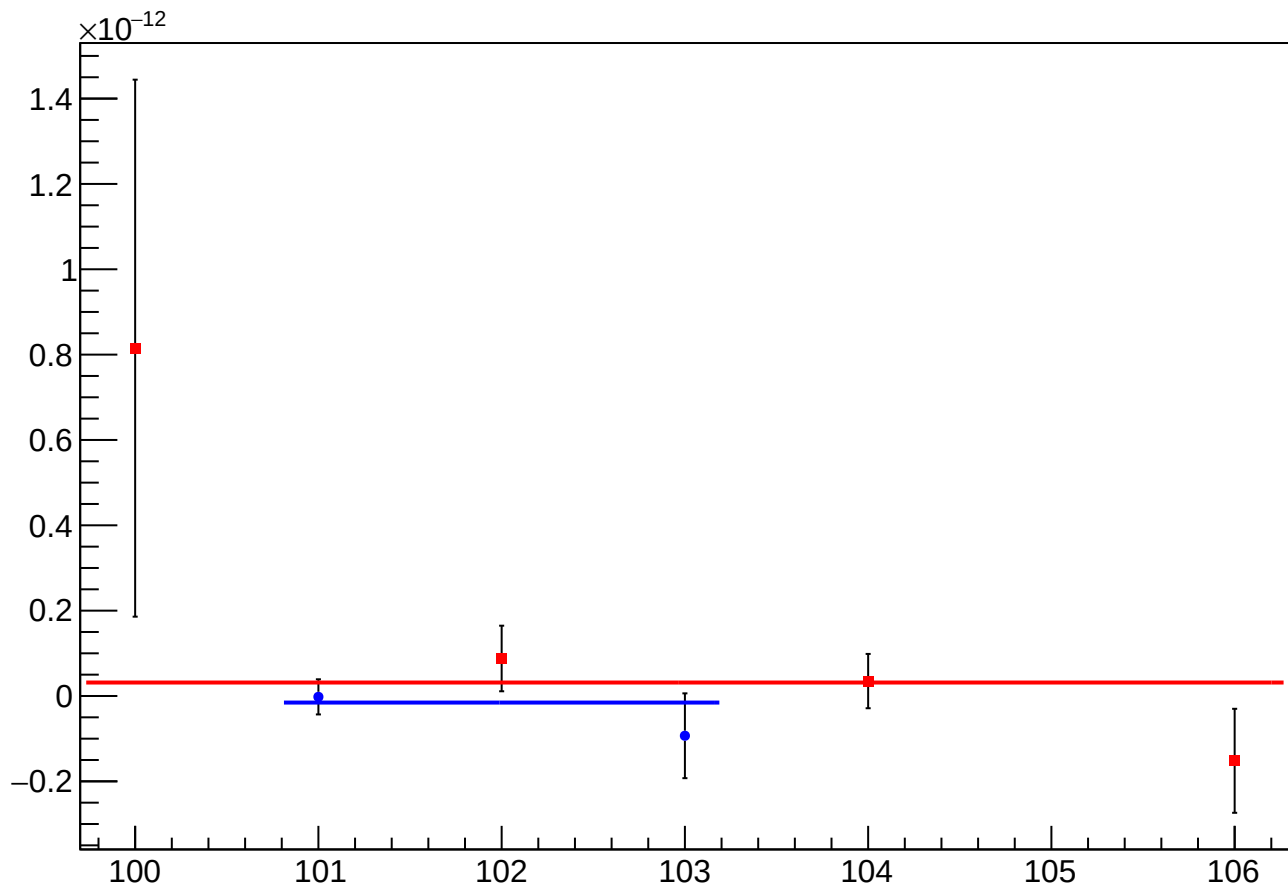
Right: 76.715+/-0.034 χ^2/NDF : 63281.4/5

In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.715+/-0.034 χ^2/NDF : 63281.4/5

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

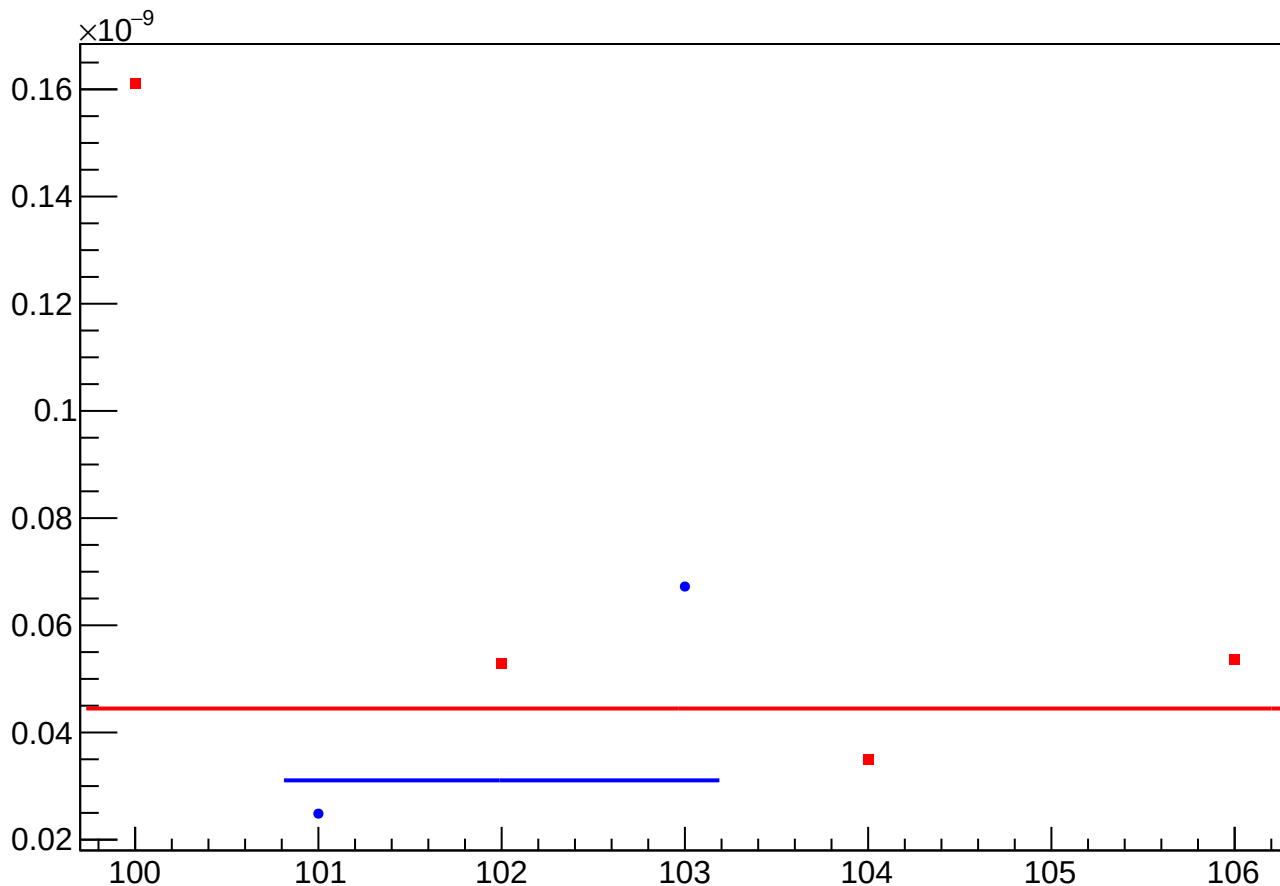
Right: 0.000+/-0.000 χ^2/NDF : 5.7/5

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.7/5

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 310381.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 148745.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

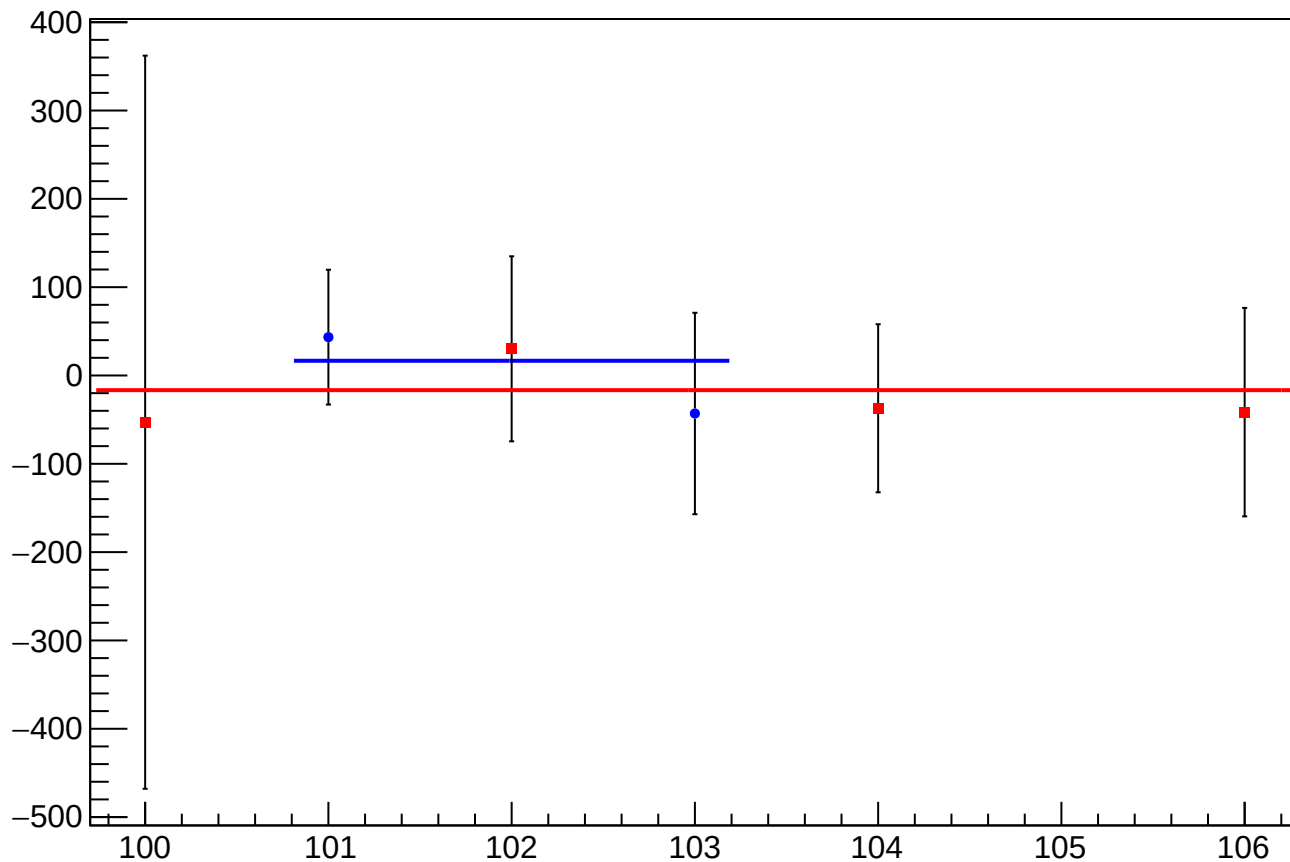
Right: 0.000+/-0.000 χ^2/NDF : 561707.2/5

In: 0.000+/-0.000 χ^2/NDF : 310381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 561707.2/5

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.657 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.612 $\pm$ 59.845 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

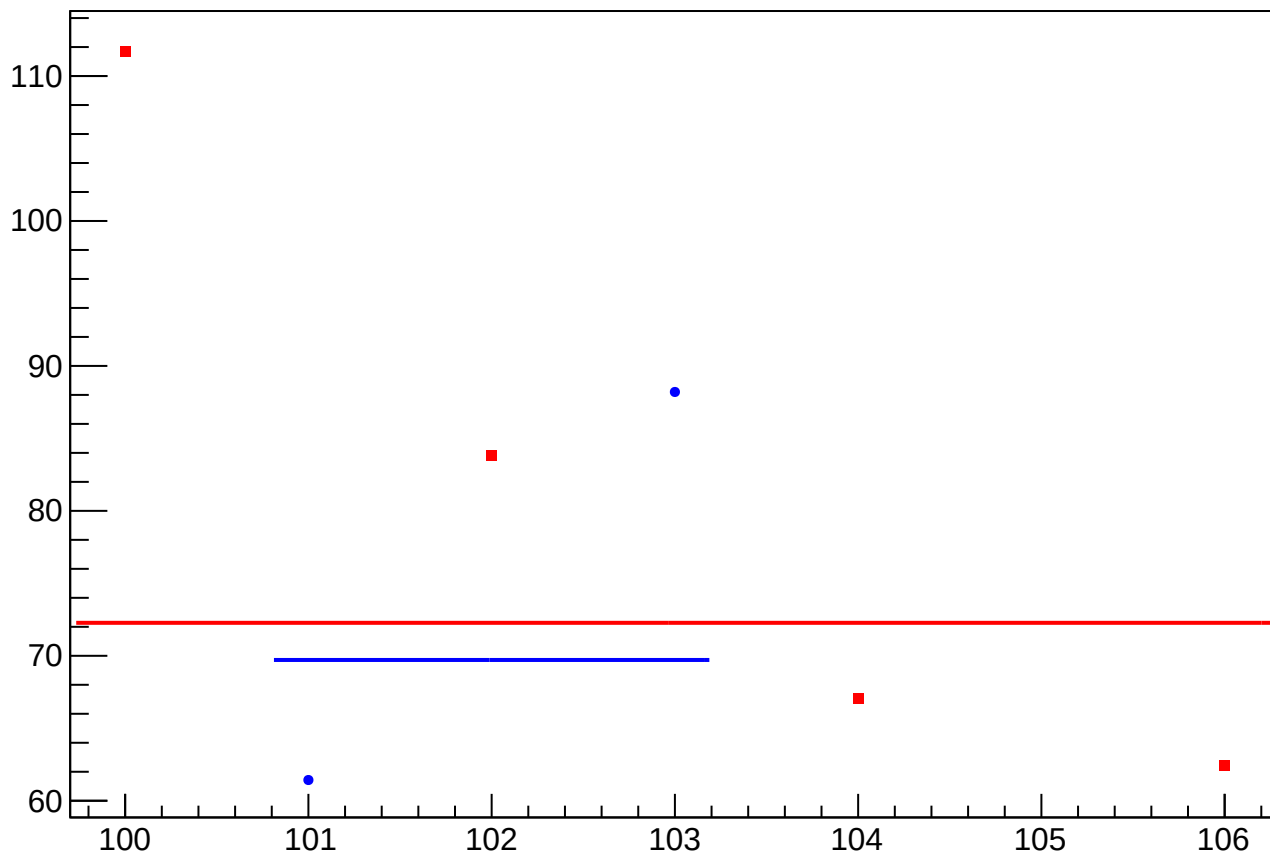
Right: -0.944 $\pm$ 43.529 χ^2 /NDF: 0.8/5

In: 16.657 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.944 $\pm$ 43.529 χ^2 /NDF: 0.8/5

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76133.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.276+/-0.042 χ^2/NDF : 62271.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

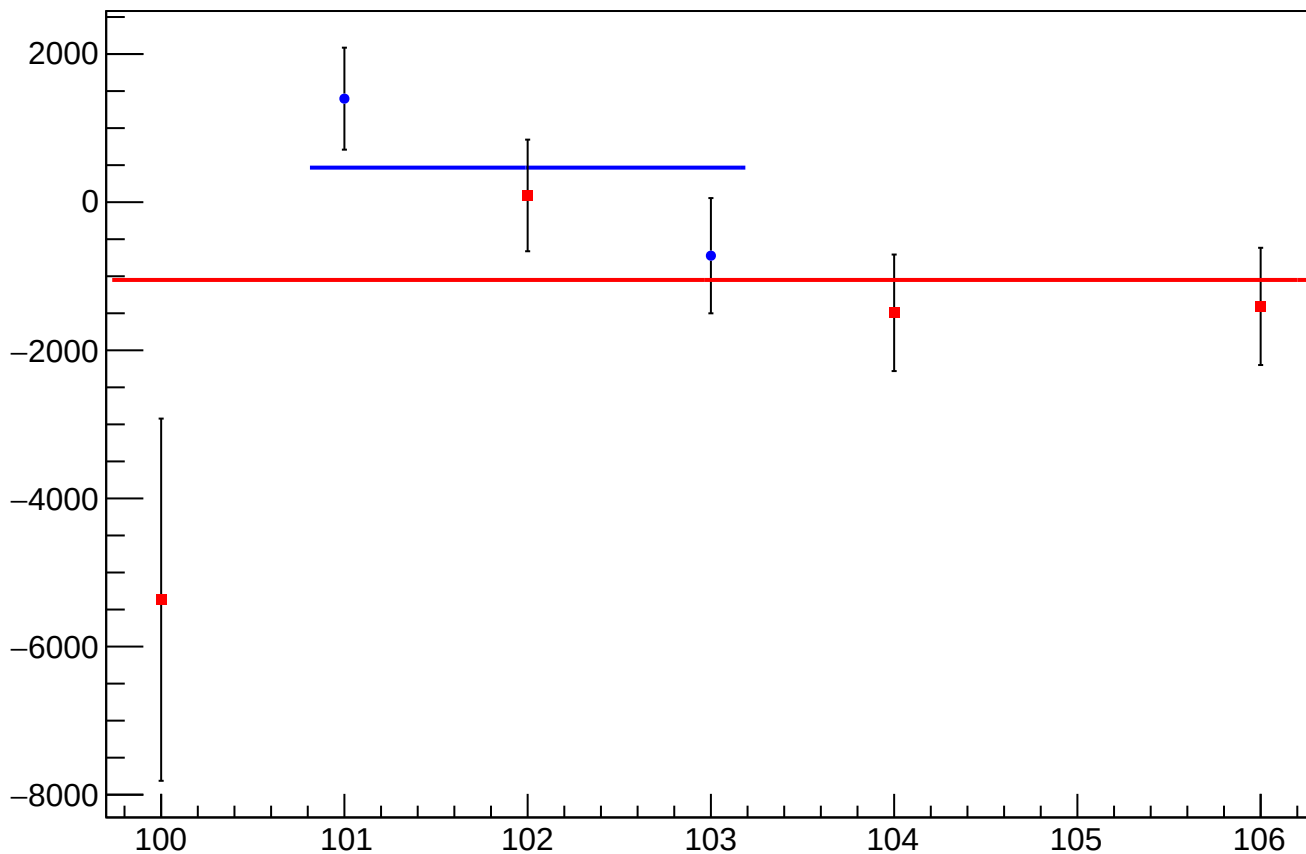
Right: 71.069+/-0.031 χ^2/NDF : 140132.0/5

In: 69.713+/-0.045 χ^2/NDF : 76133.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.069+/-0.031 χ^2/NDF : 140132.0/5

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 466.581+/-515.592 χ^2 /NDF: 4.2/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1049.951+/-441.045 χ^2 /NDF: 5.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

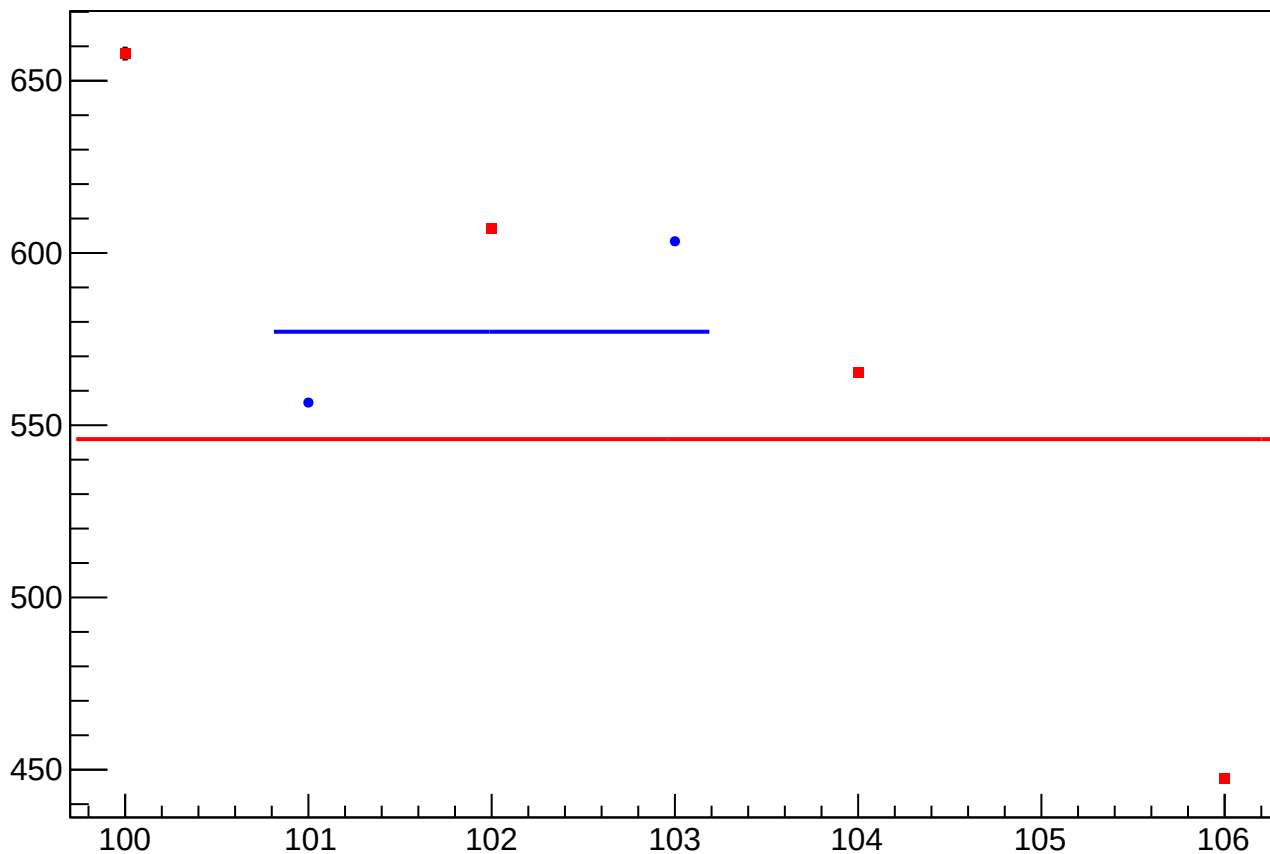
Right: -409.150+/-335.152 χ^2 /NDF: 15.1/5

In: 466.581+/-515.592 χ^2 /NDF:4.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -409.150+/-335.152 χ^2 /NDF: 15.1/5

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 577.140+/-0.365 χ^2/NDF : 4061.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.962+/-0.312 χ^2/NDF : 49604.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

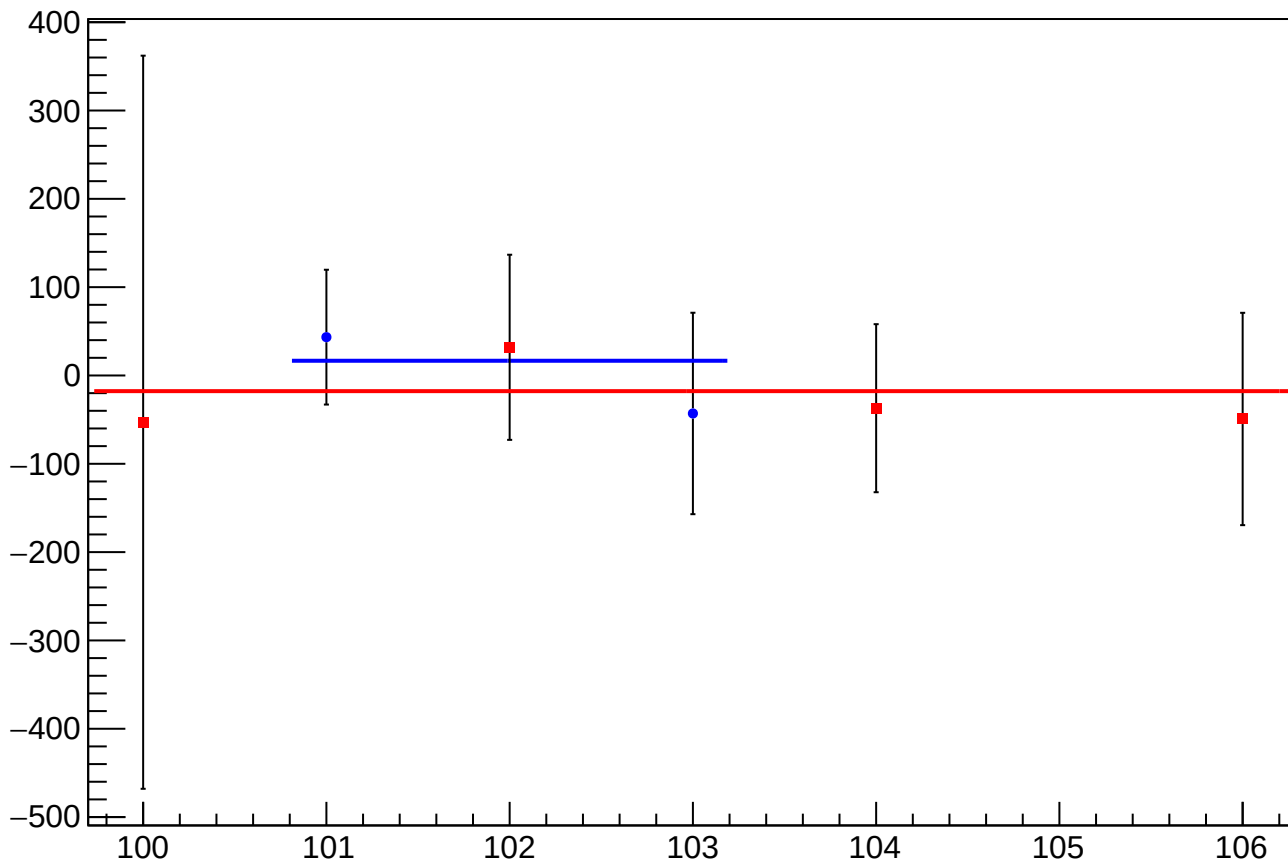
Right: 559.136+/-0.237 χ^2/NDF : 57888.4/5

In: 577.140+/-0.365 χ^2/NDF : 4061.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.136+/-0.237 χ^2/NDF : 57888.4/5

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.665 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.736 $\pm$ 60.135 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

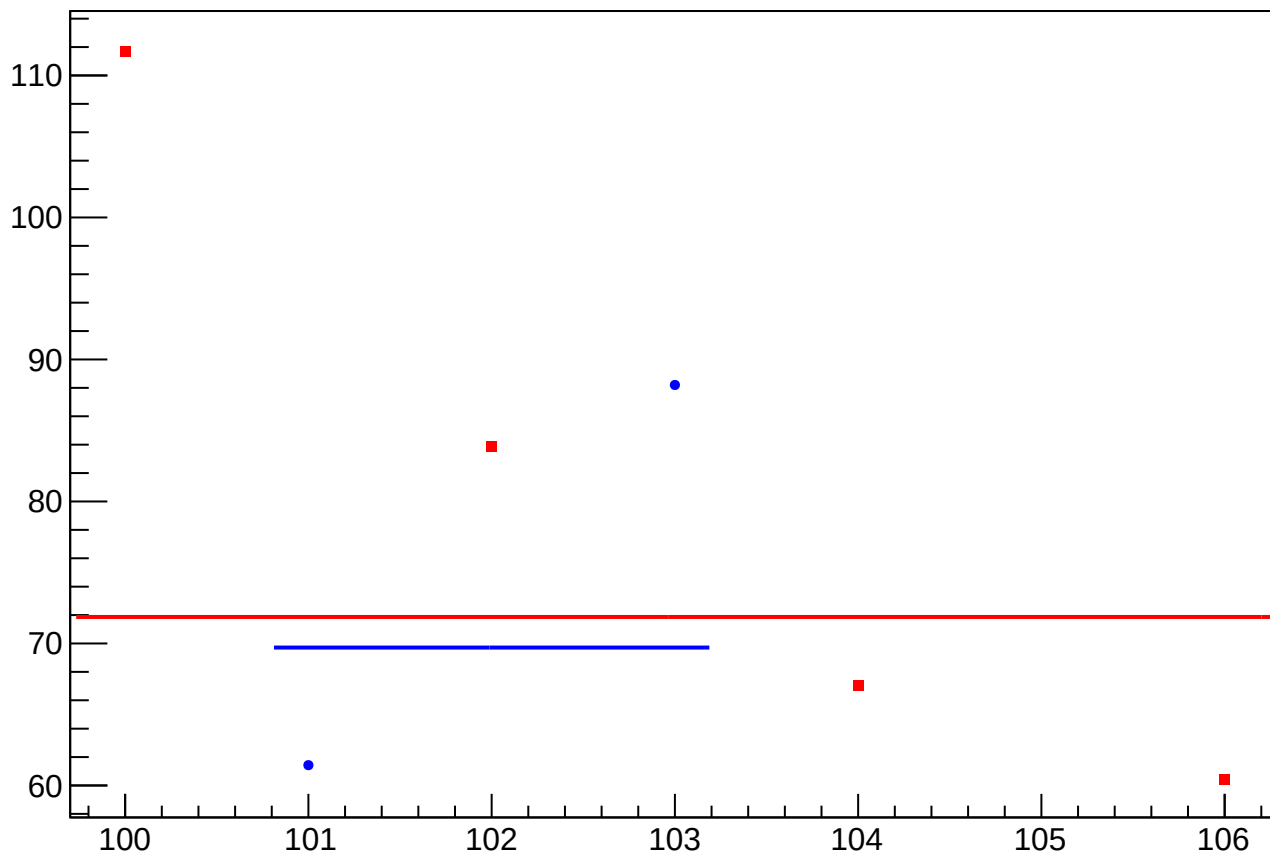
Right: -1.452 $\pm$ 43.640 χ^2 /NDF: 0.9/5

In: 16.665 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.452 $\pm$ 43.640 χ^2 /NDF: 0.9/5

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.867+/-0.043 χ^2/NDF : 67929.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

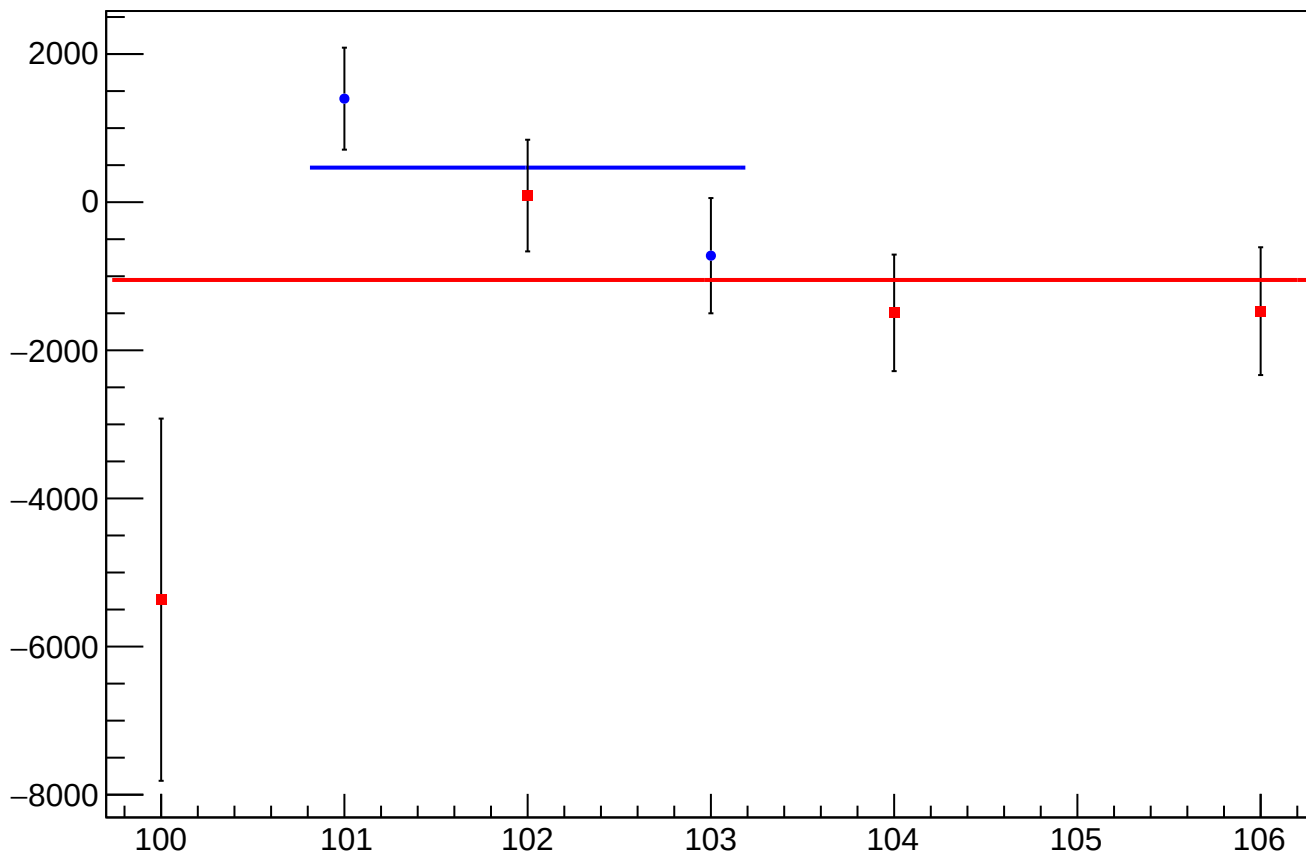
Right: 70.847+/-0.031 χ^2/NDF : 145279.8/5

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.847+/-0.031 χ^2/NDF : 145279.8/5

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 466.765+/-515.610 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1050.298+/-452.410 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

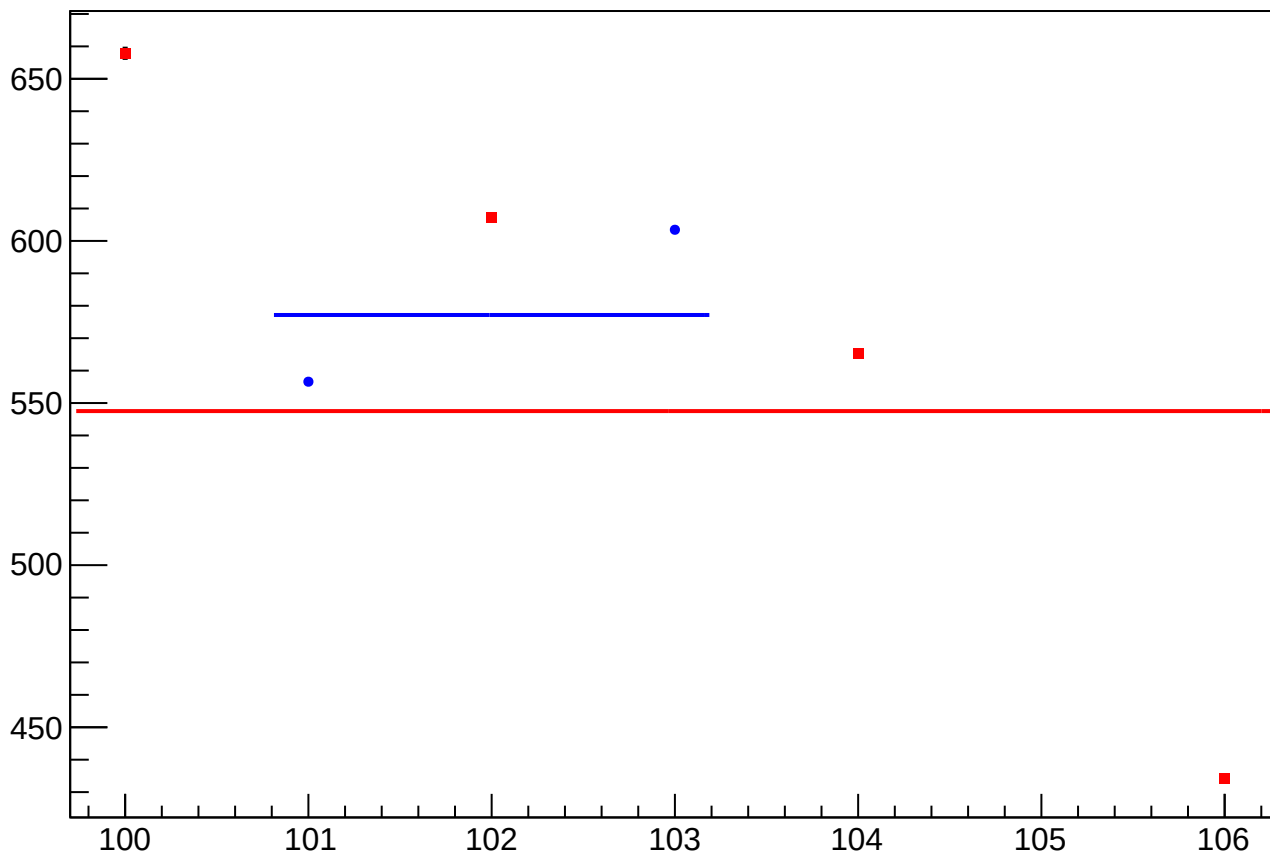
Right: -390.390+/-340.064 χ^2/NDF : 15.0/5

In: 466.765+/-515.610 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -390.390+/-340.064 χ^2/NDF : 15.0/5

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.519+/-0.320 χ^2/NDF : 52244.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

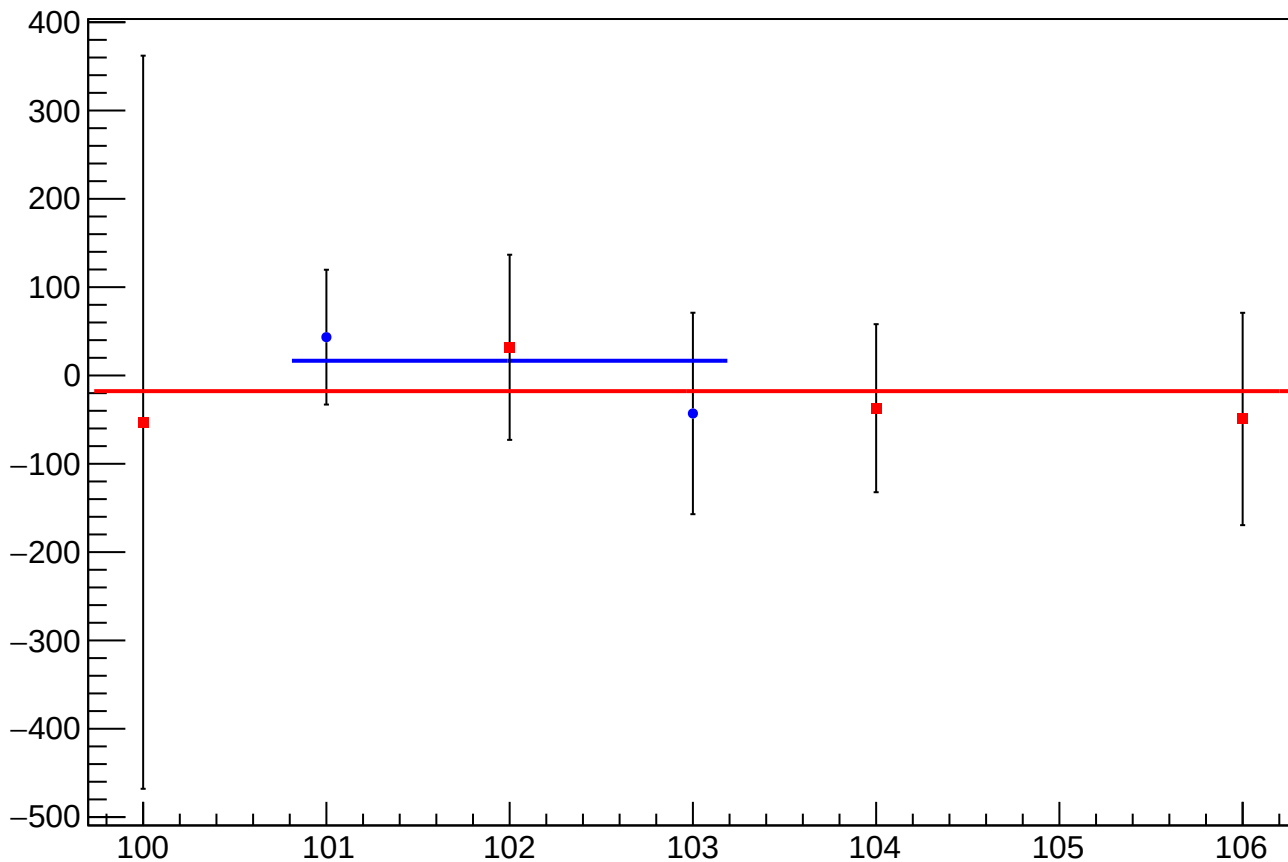
Right: 560.412+/-0.240 χ^2/NDF : 60047.3/5

In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.412+/-0.240 χ^2/NDF : 60047.3/5

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.665+/-63.429 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.736+/-60.135 χ^2/NDF : 0.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

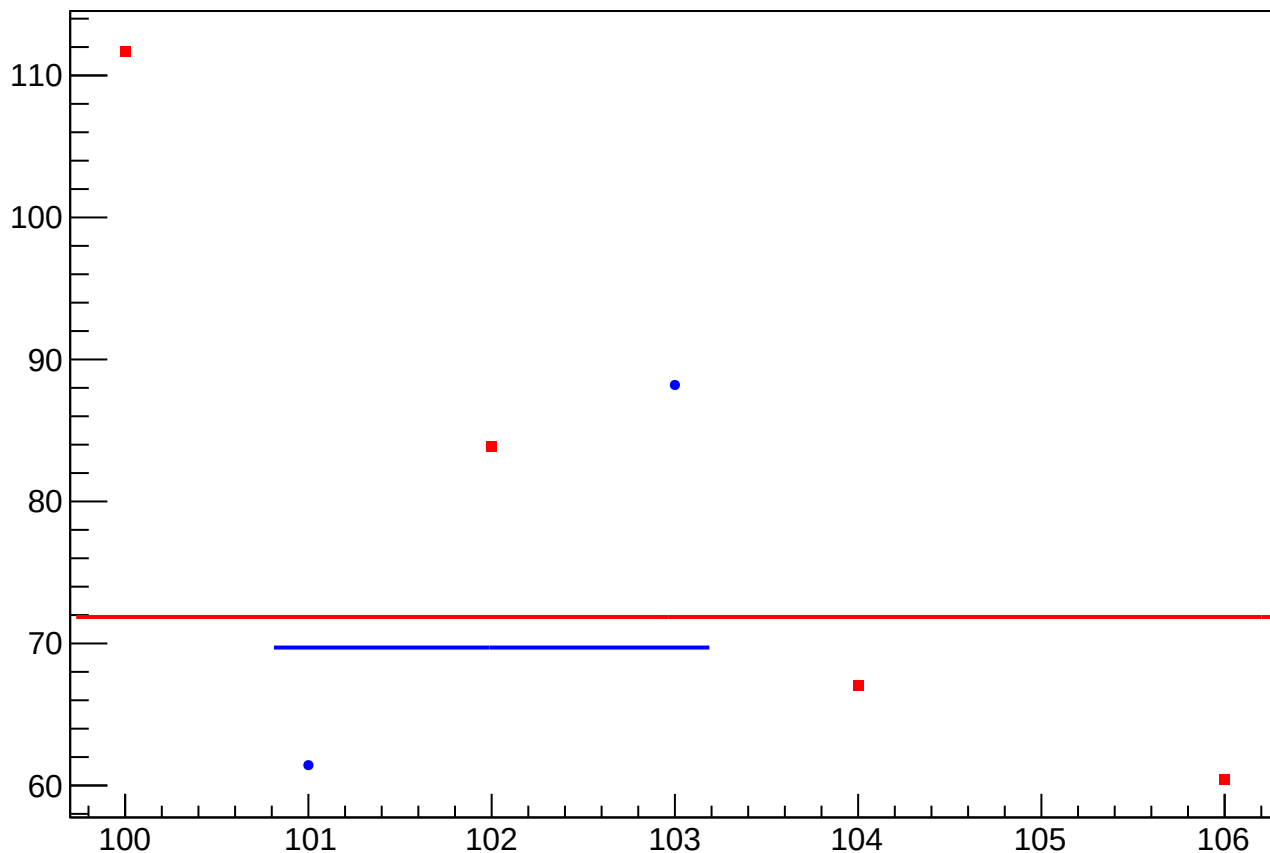
Right: -1.452+/-43.640 χ^2/NDF : 0.9/5

In: 16.665+/-63.429 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.452+/-43.640 χ^2/NDF : 0.9/5

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.867+/-0.043 χ^2/NDF : 67929.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

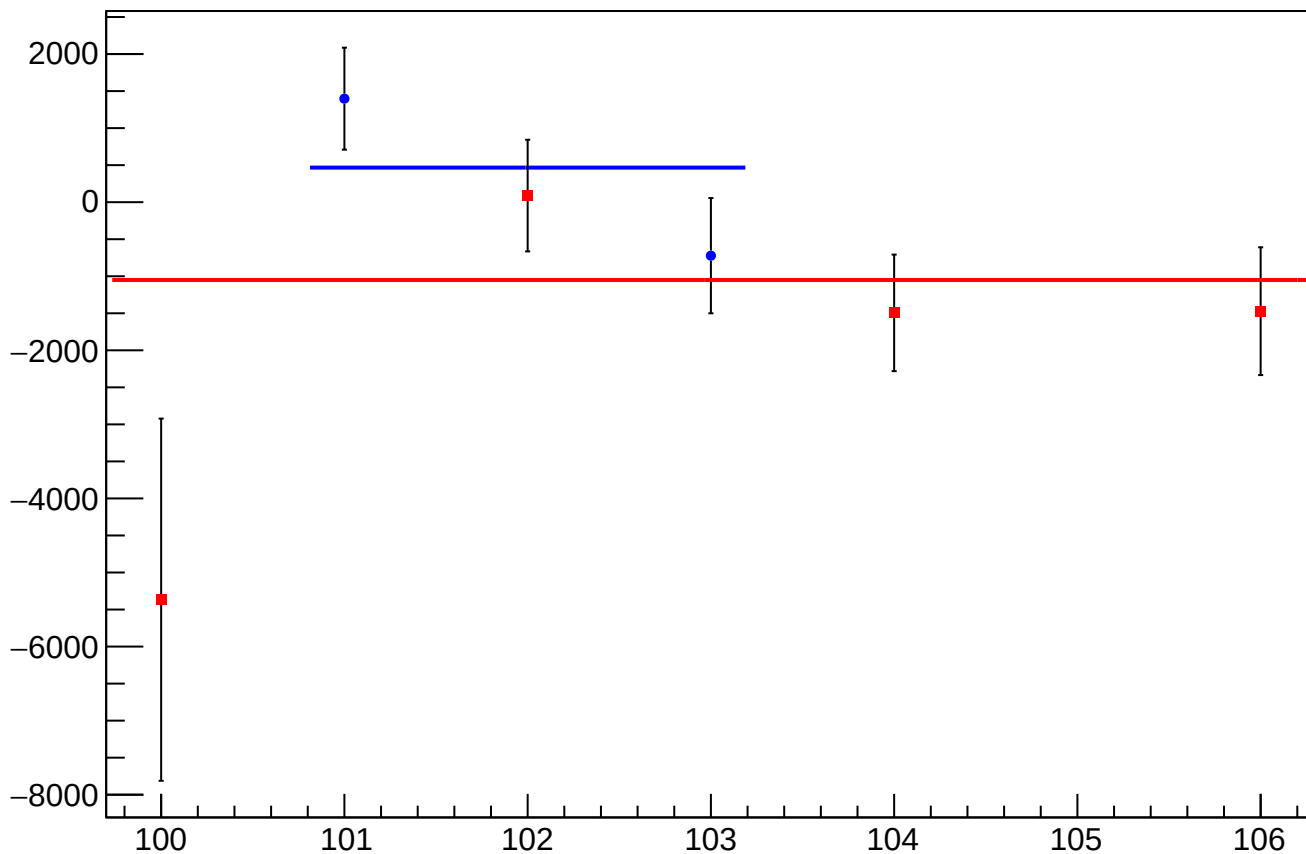
Right: 70.847+/-0.031 χ^2/NDF : 145279.8/5

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.847+/-0.031 χ^2/NDF : 145279.8/5

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 466.765+/-515.610 χ^2/NDF : 4.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1050.298+/-452.410 χ^2/NDF : 6.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

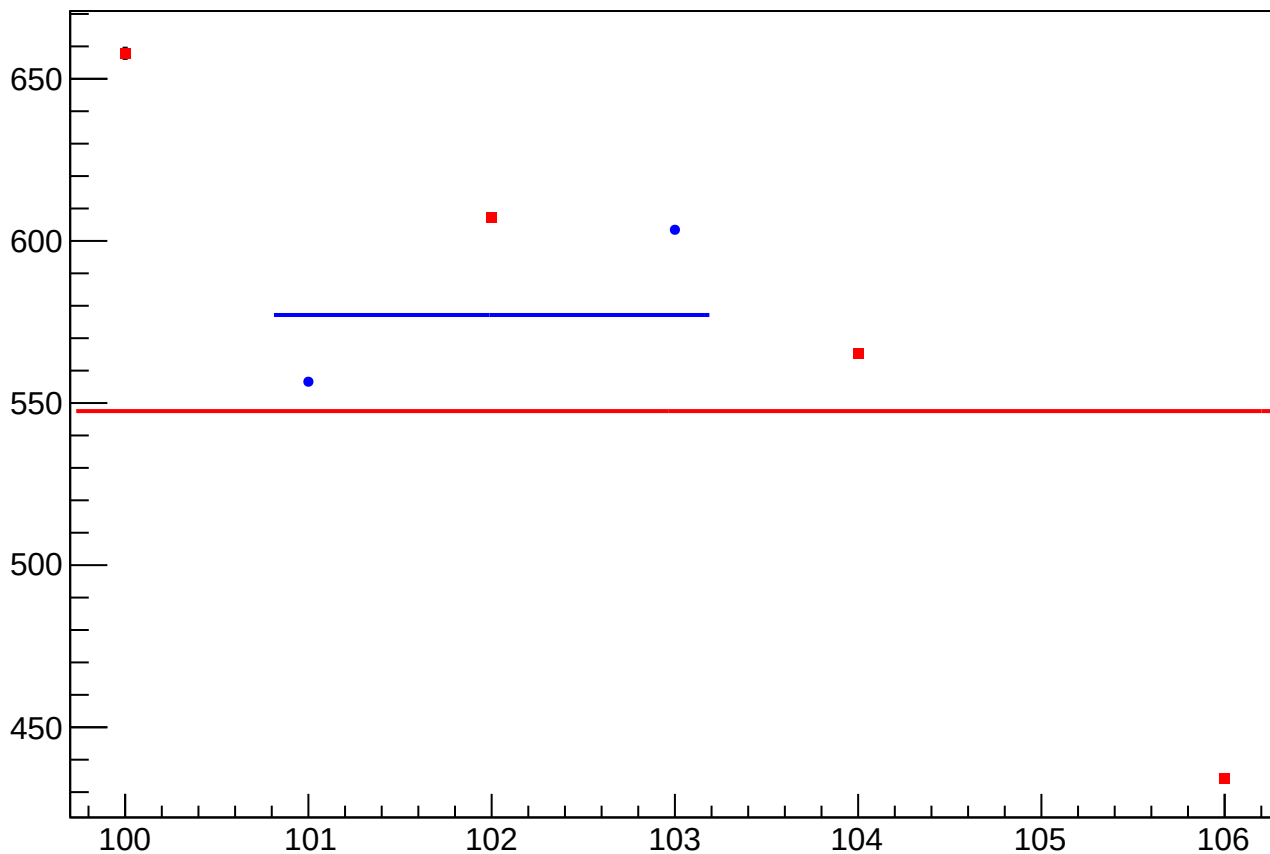
Right: -390.390+/-340.064 χ^2/NDF : 15.0/5

In: 466.765+/-515.610 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.390+/-340.064 χ^2/NDF : 15.0/5

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 577.158 ± 0.365 $\chi^2/\text{NDF}: 4069.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 547.519 ± 0.320 $\chi^2/\text{NDF}: 52244.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

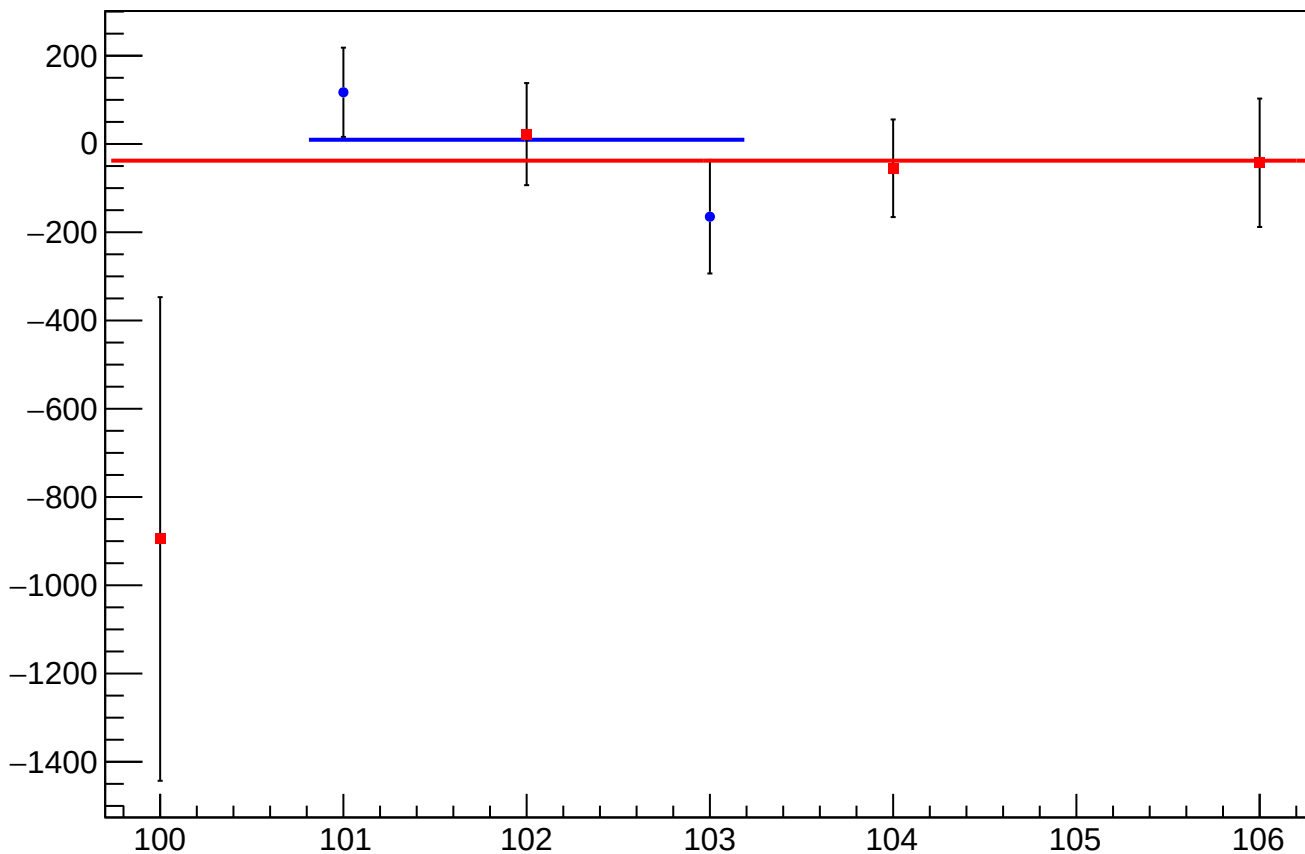
Right: 560.412 ± 0.240 $\chi^2/\text{NDF}: 60047.3/5$

In: 577.158 ± 0.365 $\chi^2/\text{NDF}: 4069.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 560.412 ± 0.240 $\chi^2/\text{NDF}: 60047.3/5$

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 9.590 $\pm$ 79.497 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -37.786 $\pm$ 69.503 χ^2 /NDF: 2.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

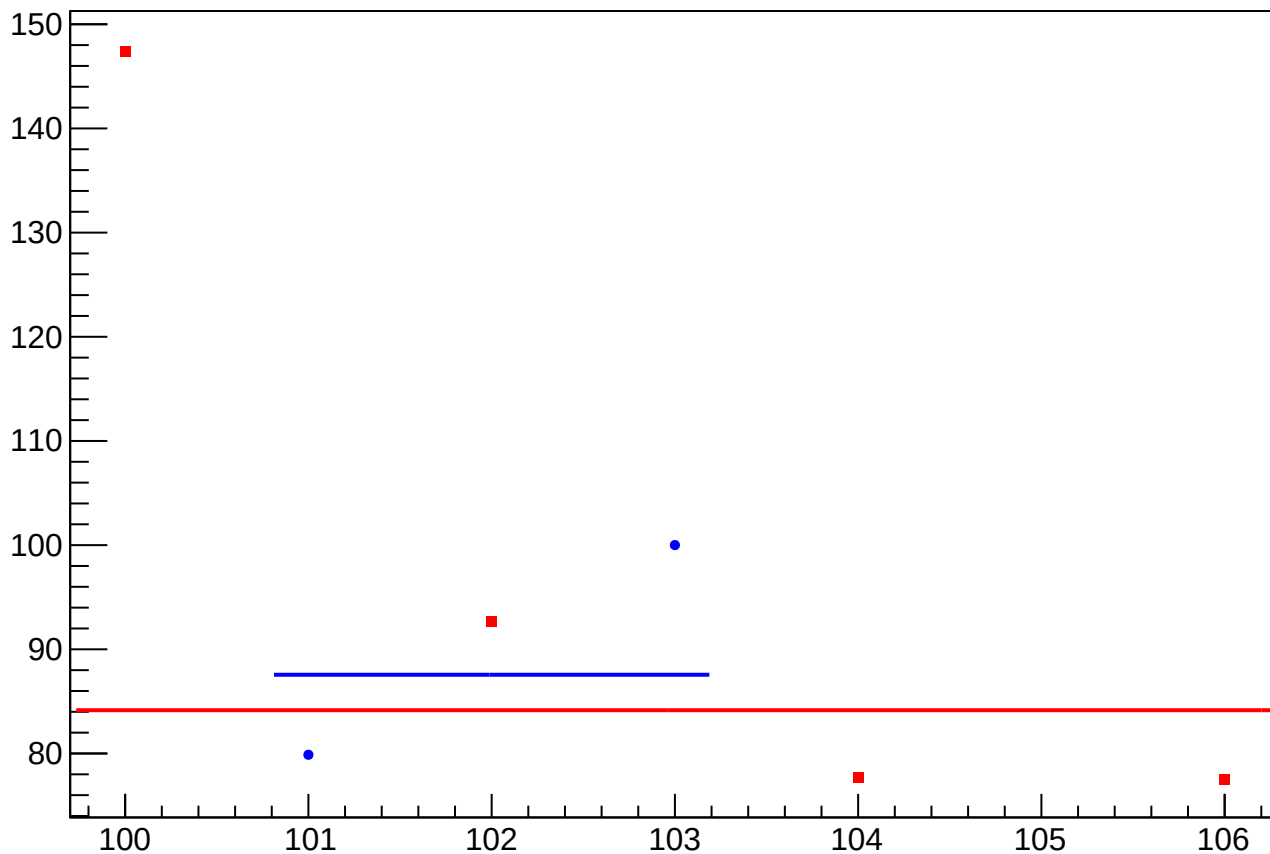
Right: -17.261 $\pm$ 52.325 χ^2 /NDF: 5.9/5

In: 9.590 $\pm$ 79.497 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.261 $\pm$ 52.325 χ^2 /NDF: 5.9/5

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557+/-0.056 χ^2/NDF : 30257.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.153+/-0.049 χ^2/NDF : 48580.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

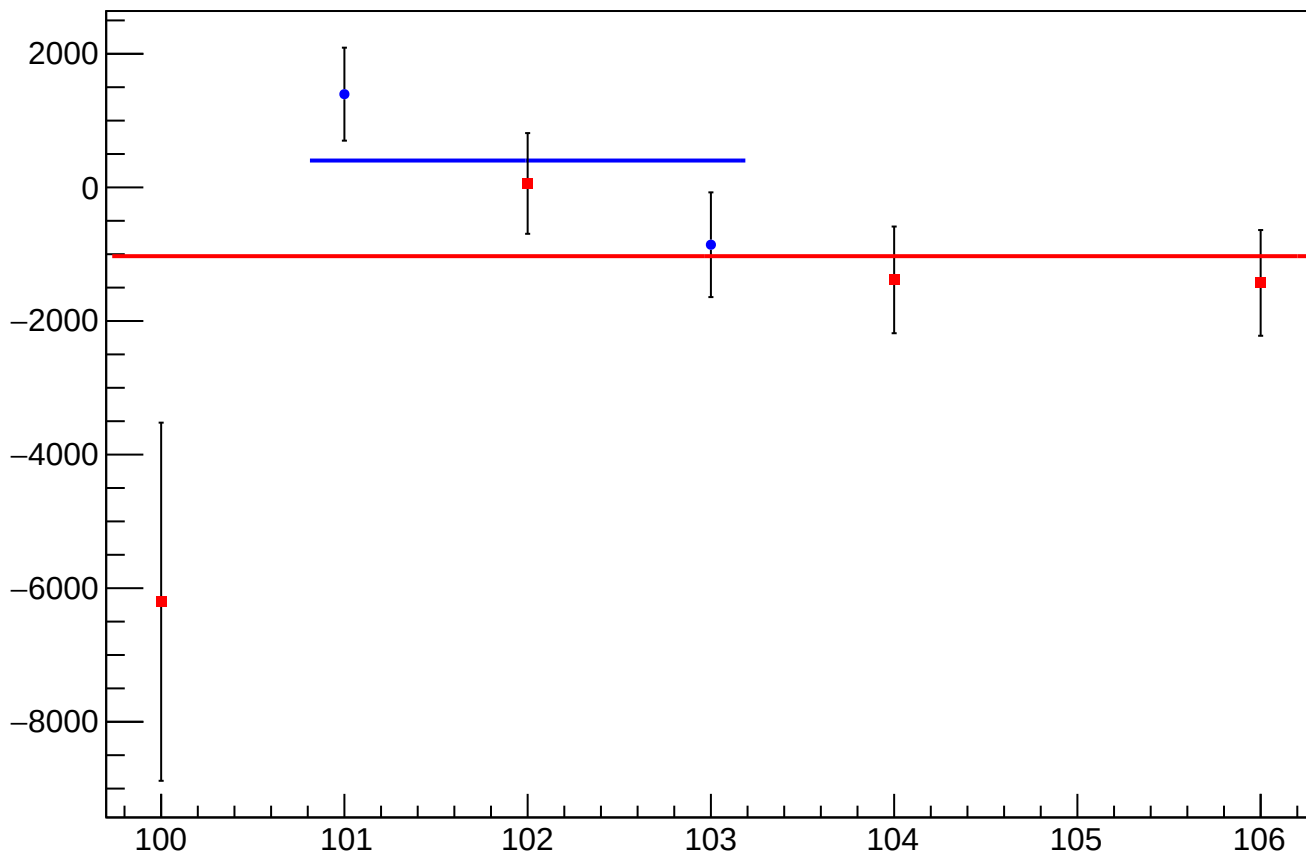
Right: 85.628+/-0.037 χ^2/NDF : 80916.1/5

In: 87.557+/-0.056 χ^2/NDF : 30257.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.628+/-0.037 χ^2/NDF : 80916.1/5

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.306+/-520.441 χ^2 /NDF: 4.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1029.386+/-444.409 χ^2 /NDF: 6.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

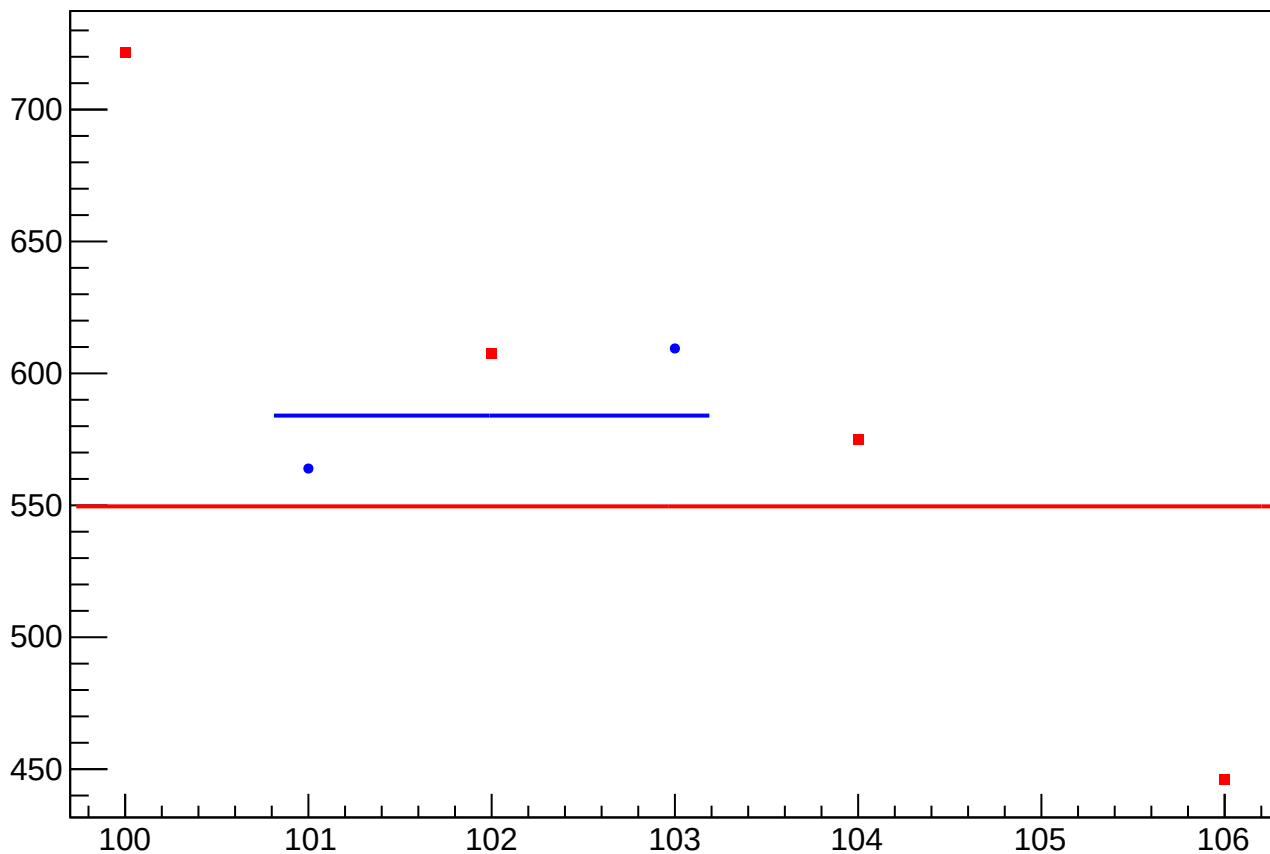
Right: -425.663+/-337.960 χ^2 /NDF: 15.3/5

In: 402.306+/-520.441 χ^2 /NDF:4.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -425.663+/-337.960 χ^2 /NDF: 15.3/5

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.006 $\pm$ 0.368 χ^2 /NDF: 3769.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 549.612 $\pm$ 0.314 χ^2 /NDF: 56165.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

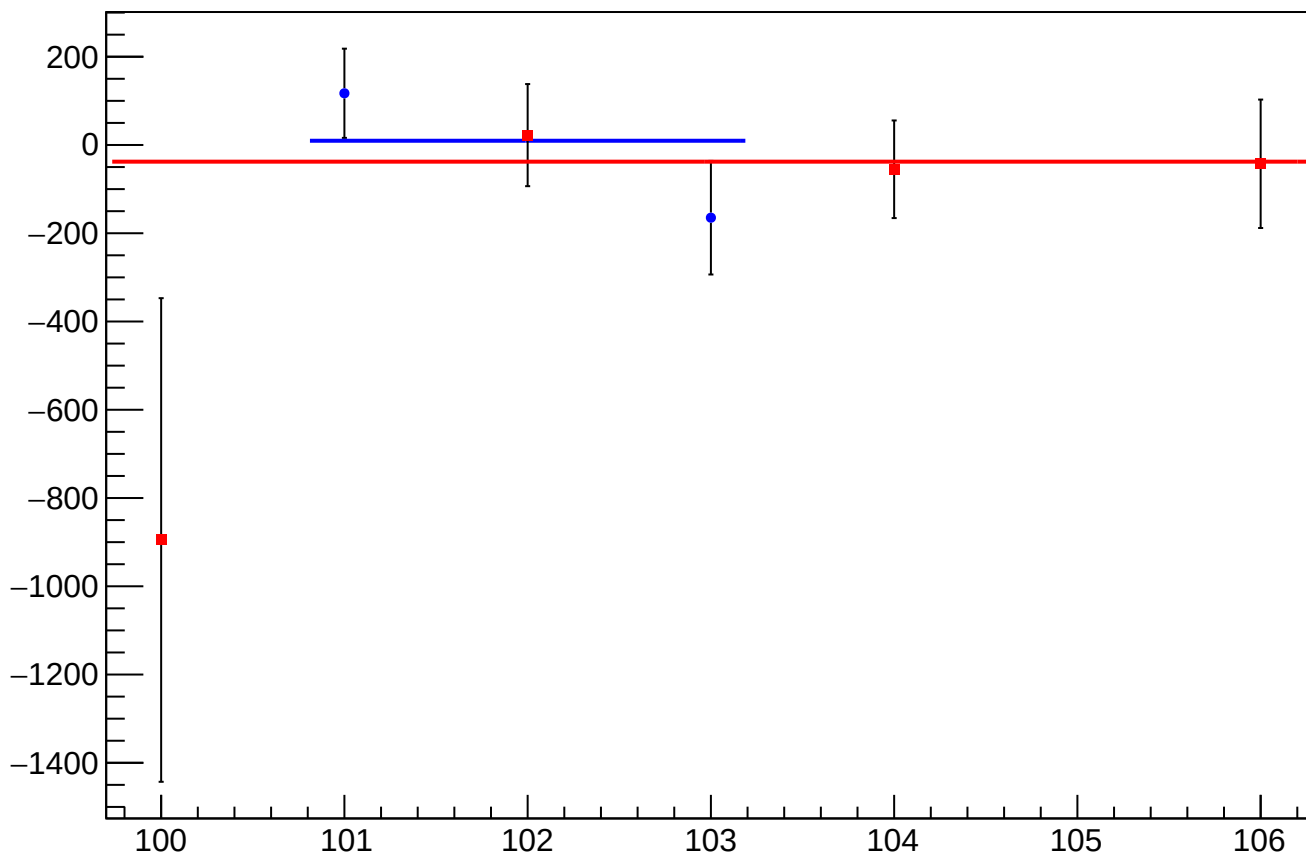
Right: 564.115 $\pm$ 0.239 χ^2 /NDF: 64987.0/5

In: 584.006 $\pm$ 0.368 χ^2 /NDF:3769.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 564.115 $\pm$ 0.239 χ^2 /NDF: 64987.0/5

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 9.588+/-79.497 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.785+/-69.503 χ^2/NDF : 2.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

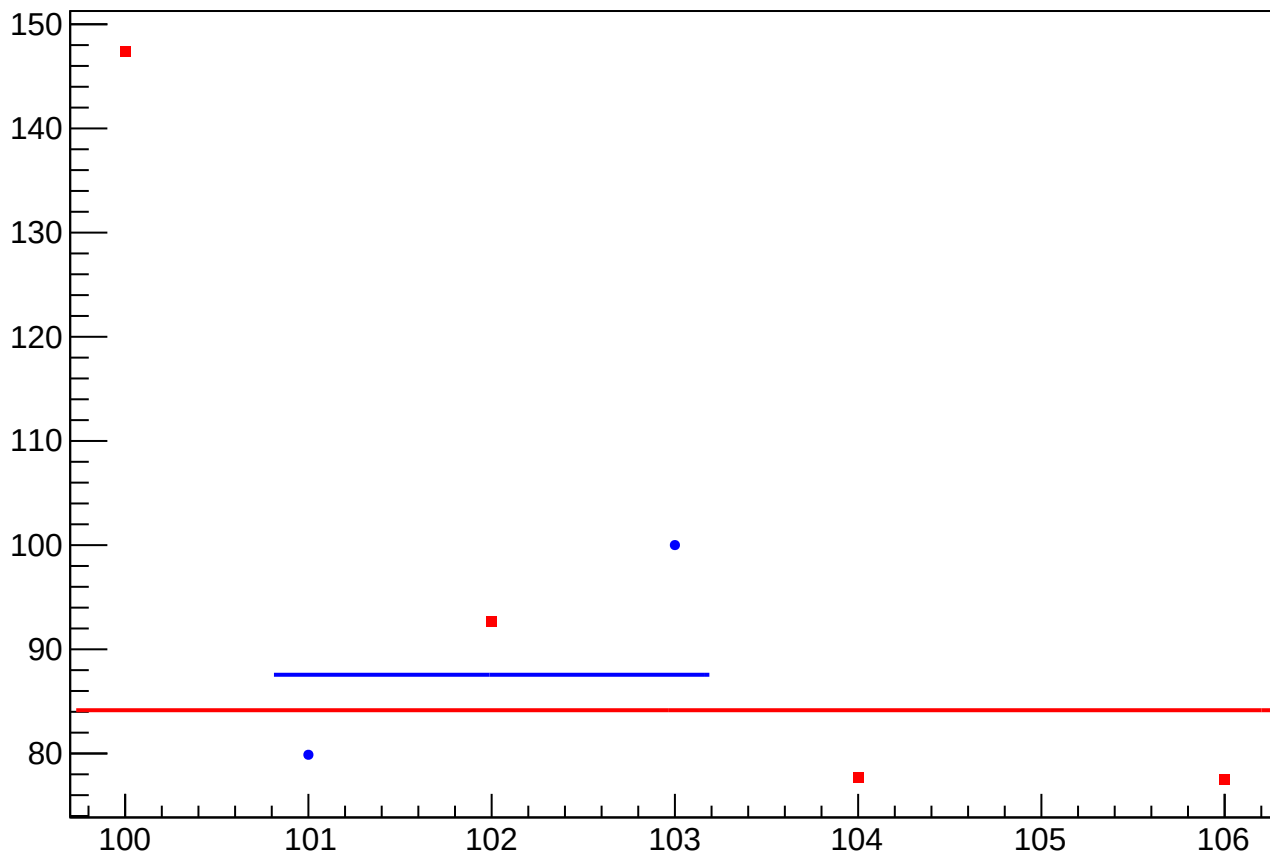
Right: -17.262+/-52.325 χ^2/NDF : 5.9/5

In: 9.588+/-79.497 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.262+/-52.325 χ^2/NDF : 5.9/5

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557 $\pm$ 0.056 χ^2 /NDF: 30256.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.153 $\pm$ 0.049 χ^2 /NDF: 48580.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

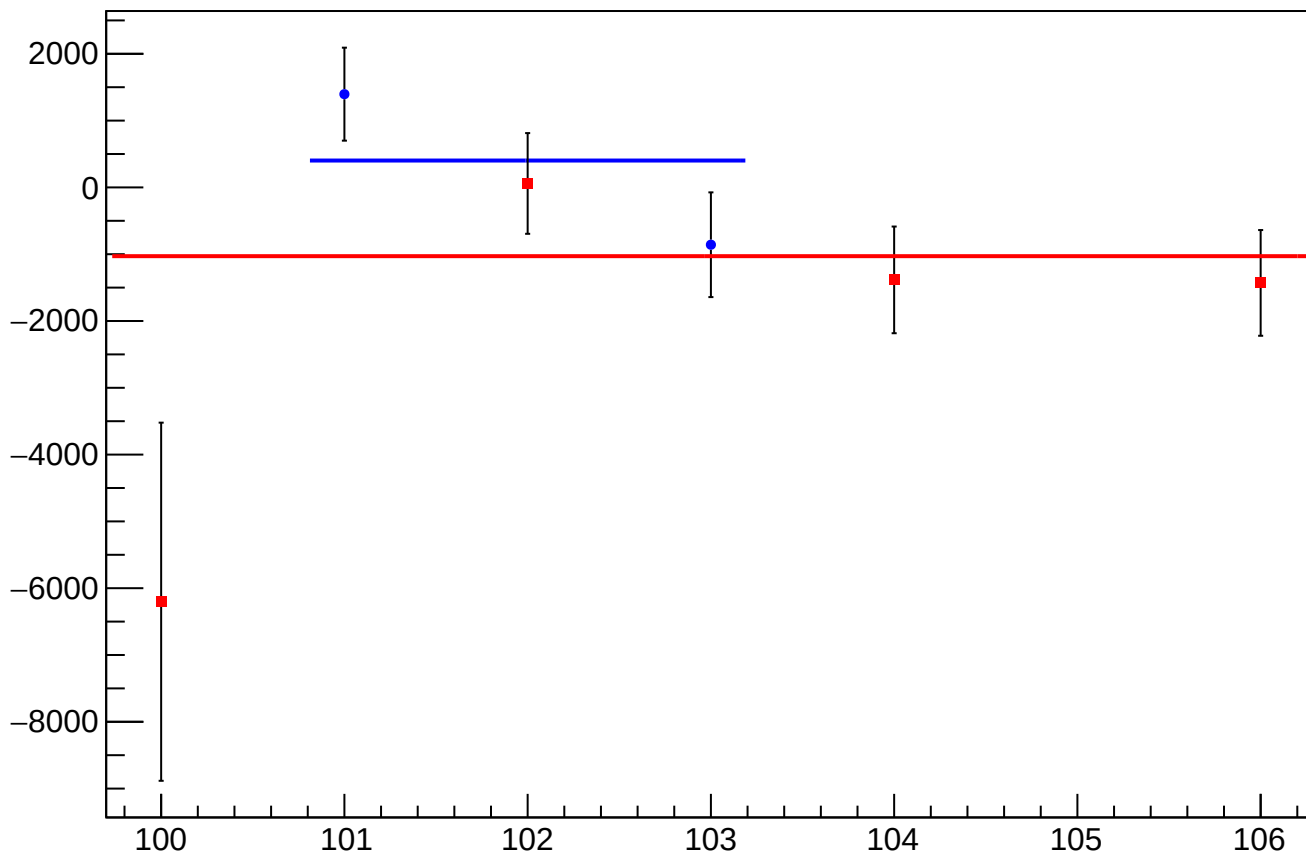
Right: 85.628 $\pm$ 0.037 χ^2 /NDF: 80915.2/5

In: 87.557 $\pm$ 0.056 χ^2 /NDF:30256.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.628 $\pm$ 0.037 χ^2 /NDF: 80915.2/5

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.306 $\pm$ 520.440 χ^2 /NDF: 4.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1029.386 $\pm$ 444.409 χ^2 /NDF: 6.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

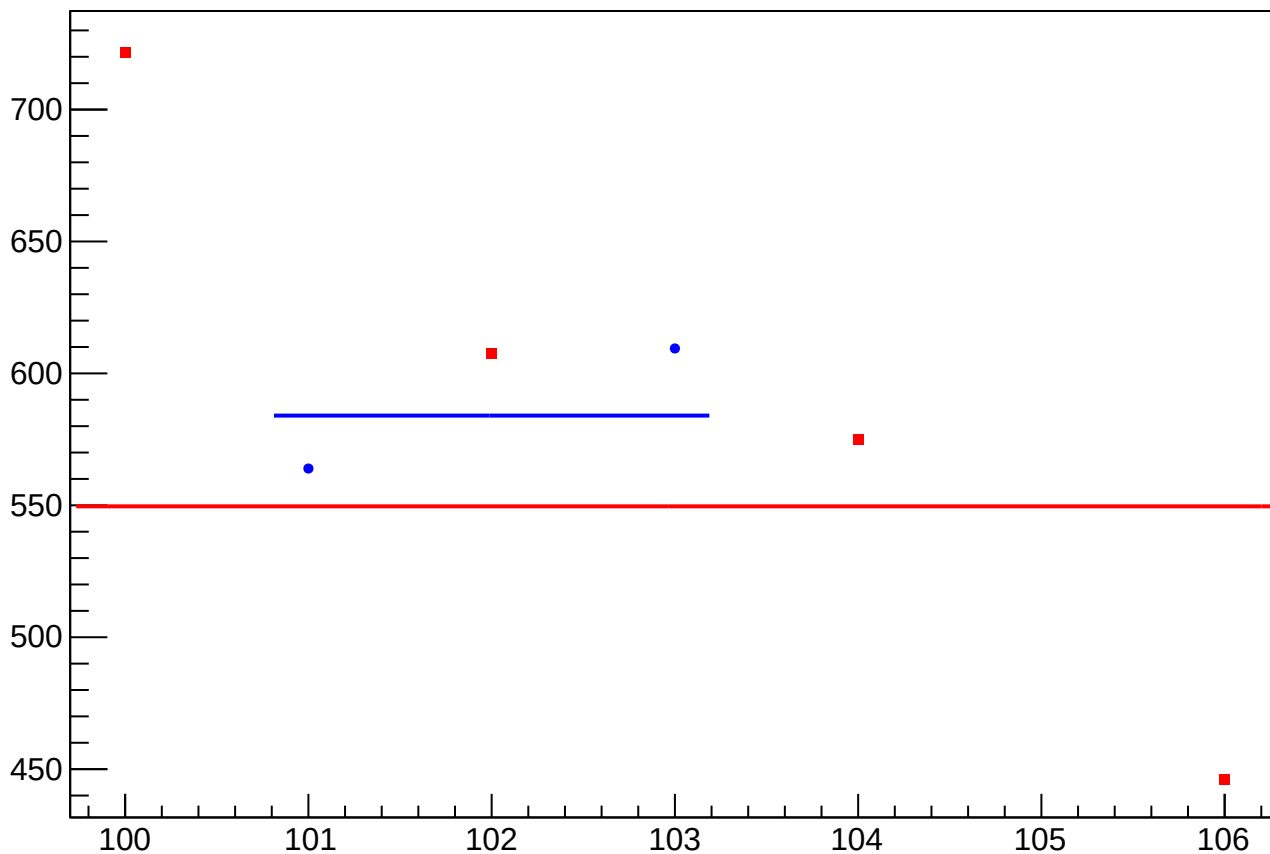
Right: -425.663 $\pm$ 337.960 χ^2 /NDF: 15.3/5

In: 402.306 $\pm$ 520.440 χ^2 /NDF:4.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -425.663 $\pm$ 337.960 χ^2 /NDF: 15.3/5

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.006 ± 0.368 χ^2/NDF : 3769.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 549.611 ± 0.314 χ^2/NDF : 56166.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

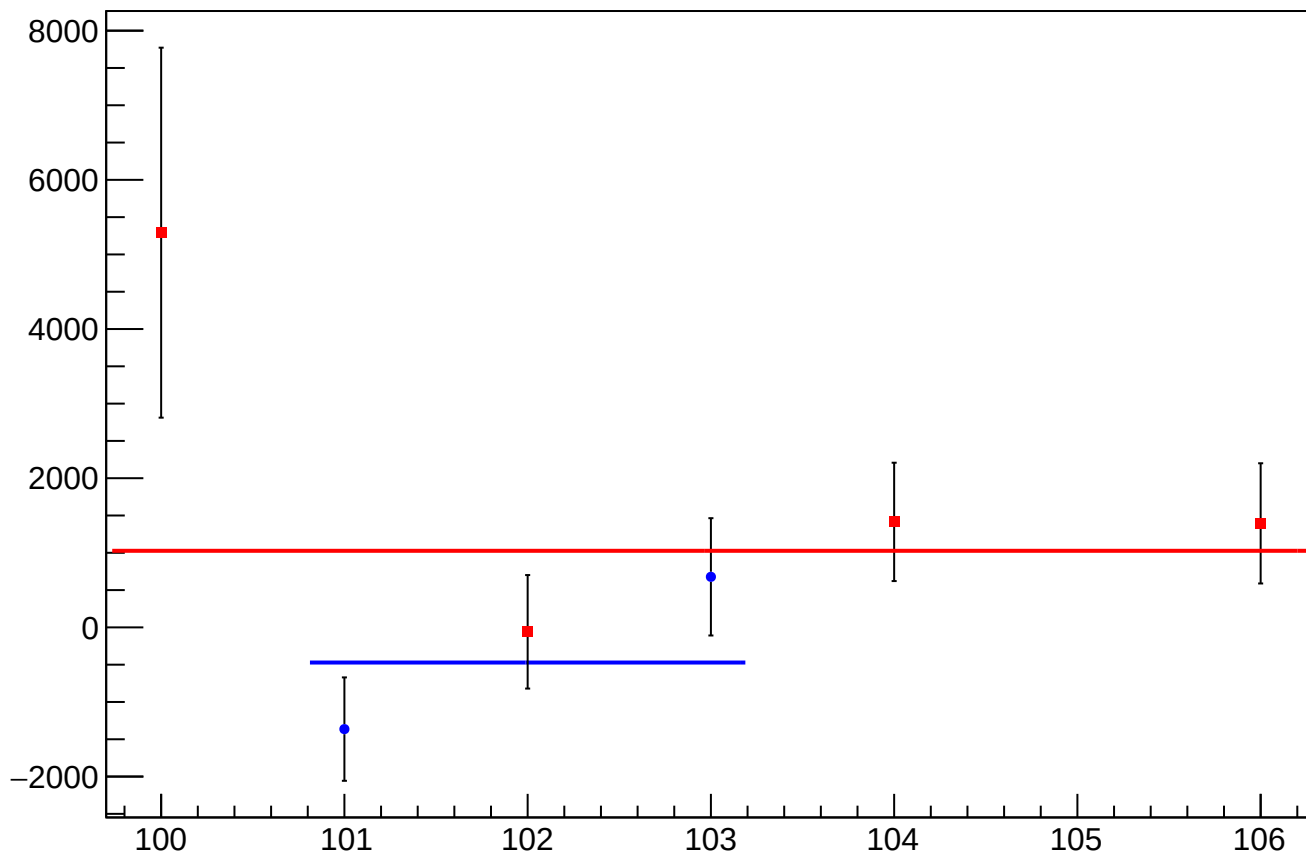
Right: 564.115 ± 0.239 χ^2/NDF : 64987.7/5

In: 584.006 ± 0.368 χ^2/NDF : 3769.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 564.115 ± 0.239 χ^2/NDF : 64987.7/5

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -471.247+/-519.978 χ^2 /NDF: 3.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1026.722+/-446.388 χ^2 /NDF: 5.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

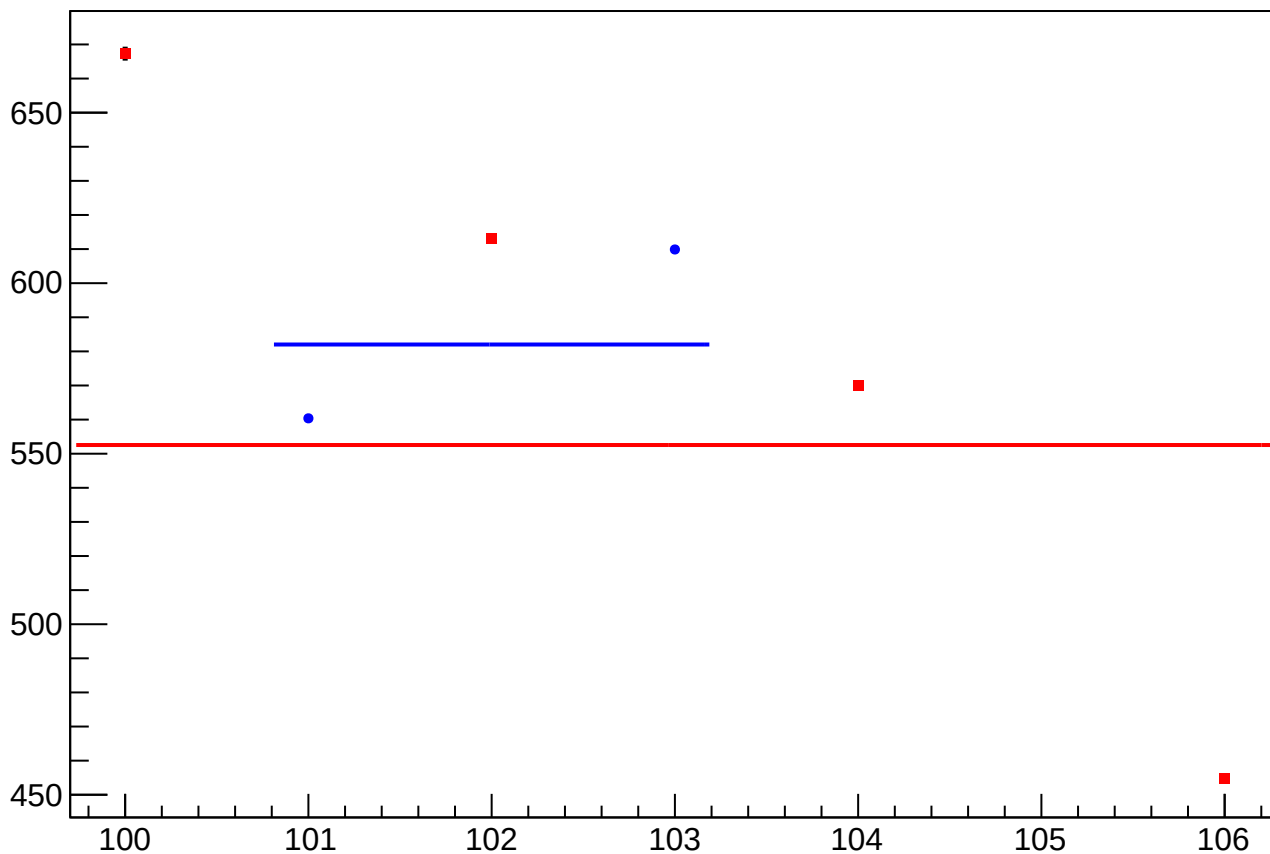
Right: 391.151+/-338.700 χ^2 /NDF: 14.0/5

In: -471.247+/-519.978 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 391.151+/-338.700 χ^2 /NDF: 14.0/5

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 582.018+/-0.368 χ^2/NDF : 4461.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 552.548+/-0.316 χ^2/NDF : 47404.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

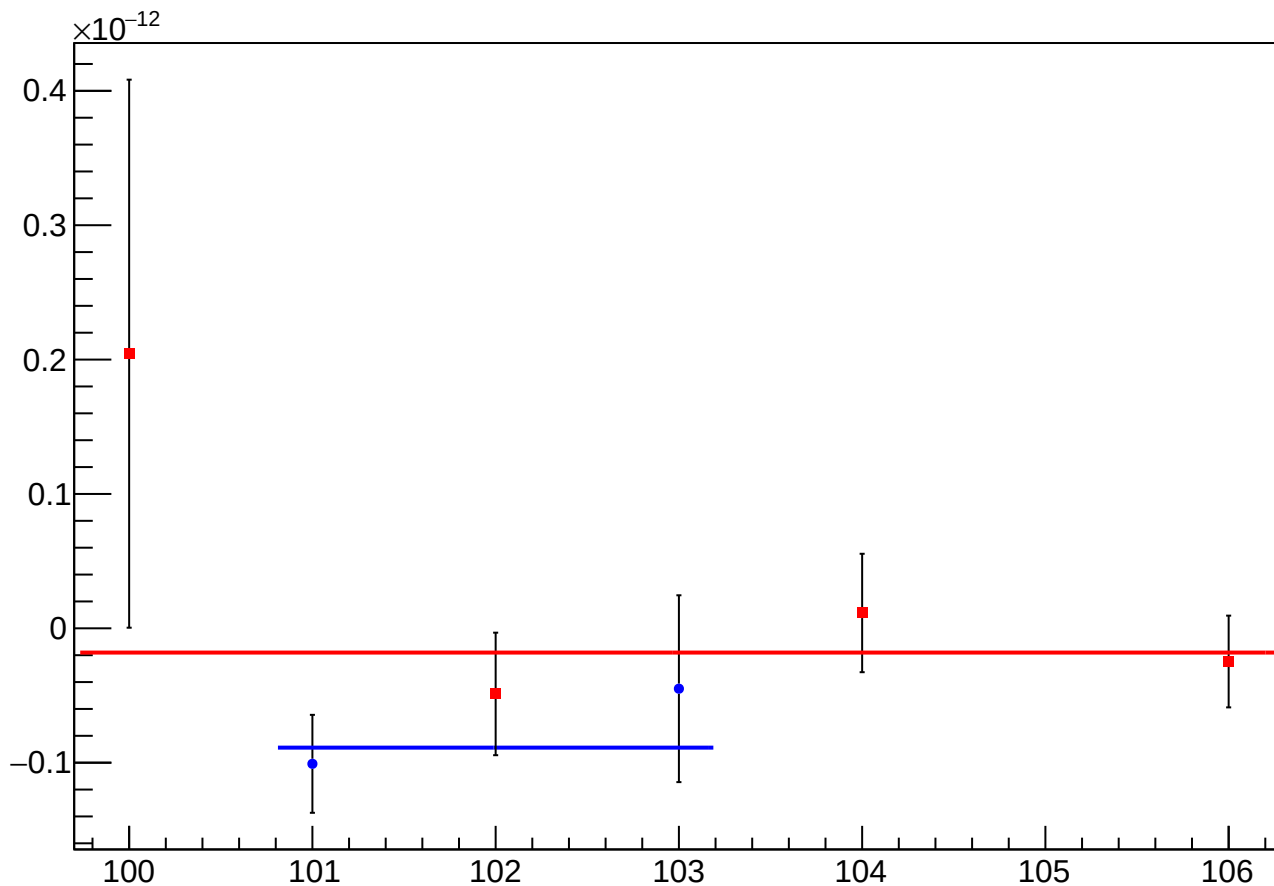
Right: 565.052+/-0.239 χ^2/NDF : 55564.4/5

In: 582.018+/-0.368 χ^2/NDF : 4461.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.052+/-0.239 χ^2/NDF : 55564.4/5

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

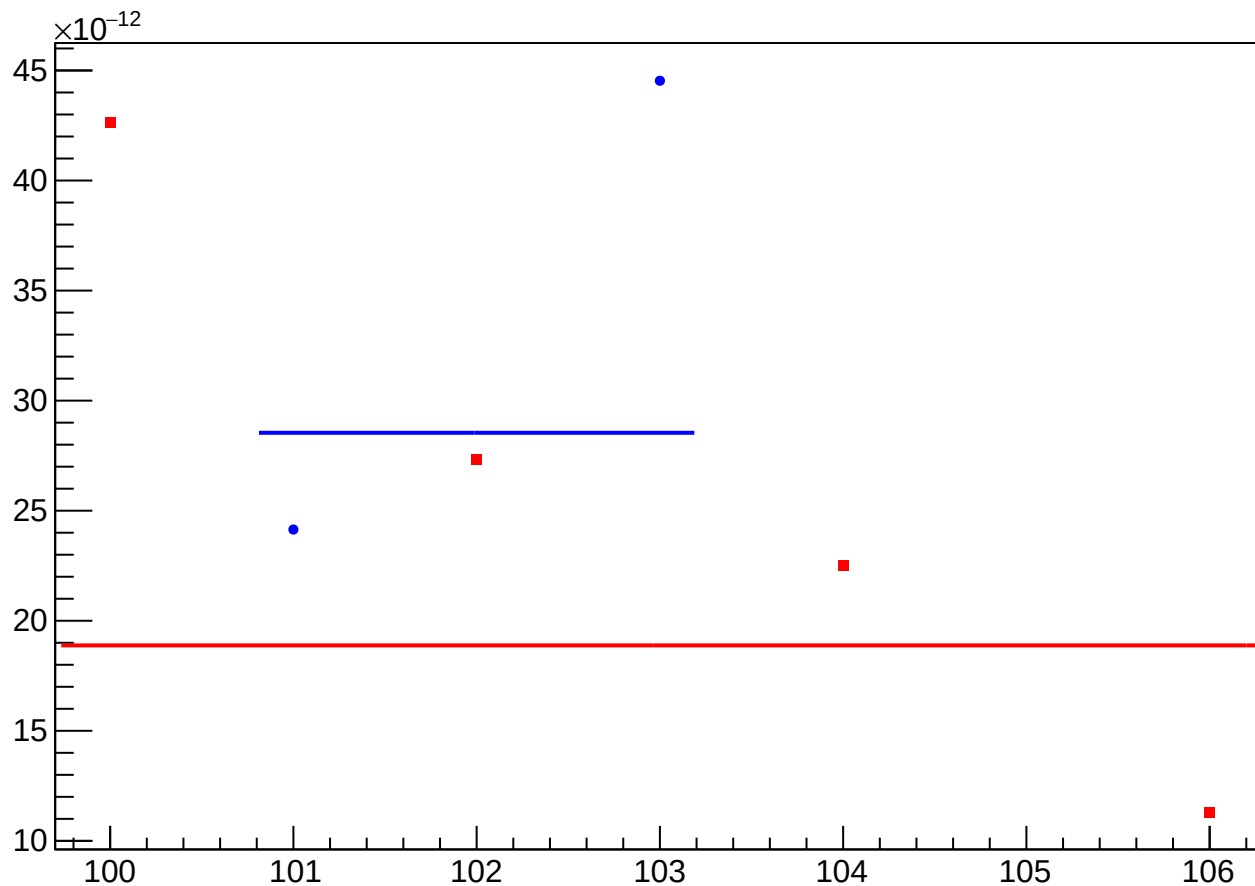
Right: -0.000+/-0.000 χ^2/NDF : 5.8/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.8/5

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 134920.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 208061.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

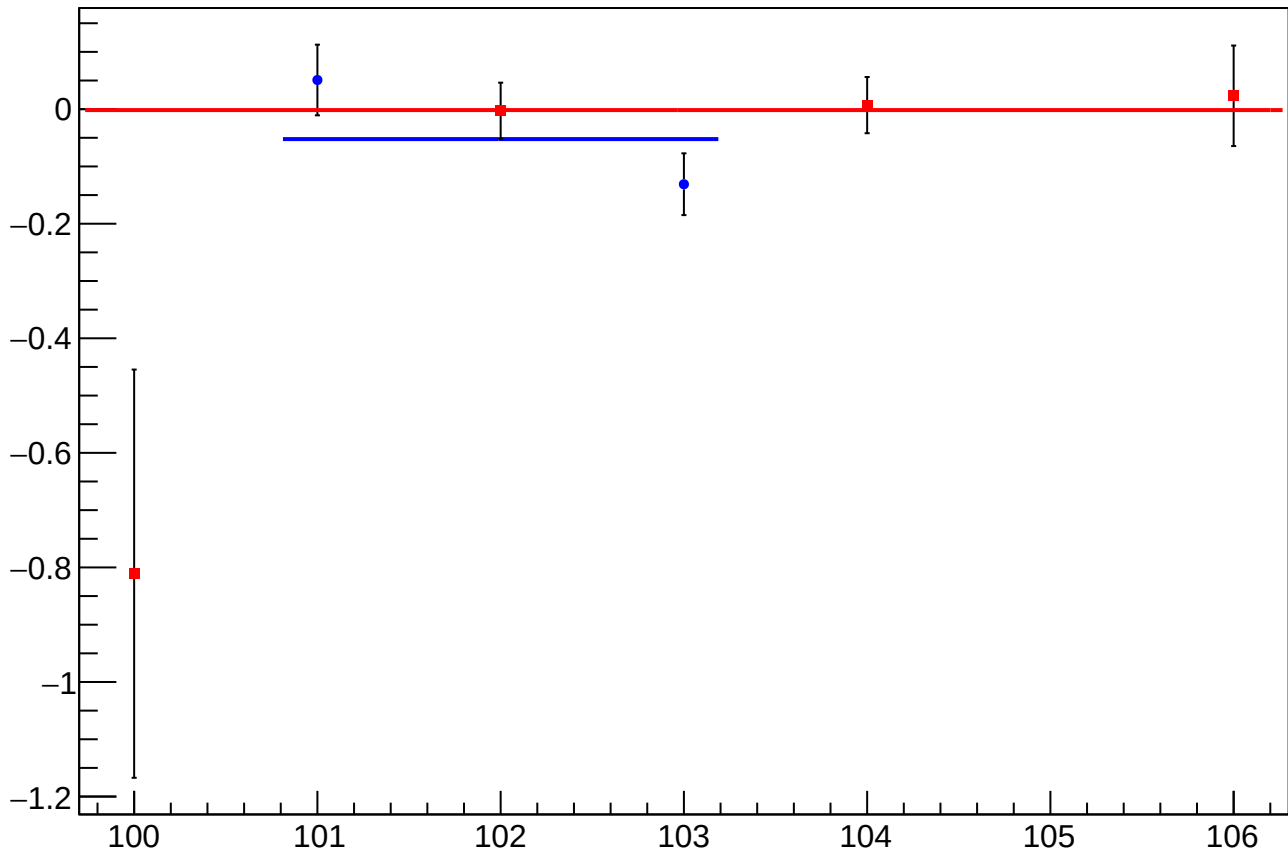
Right: 0.000+/-0.000 χ^2/NDF : 461515.4/5

In: 0.000+/-0.000 χ^2/NDF : 134920.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 461515.4/5

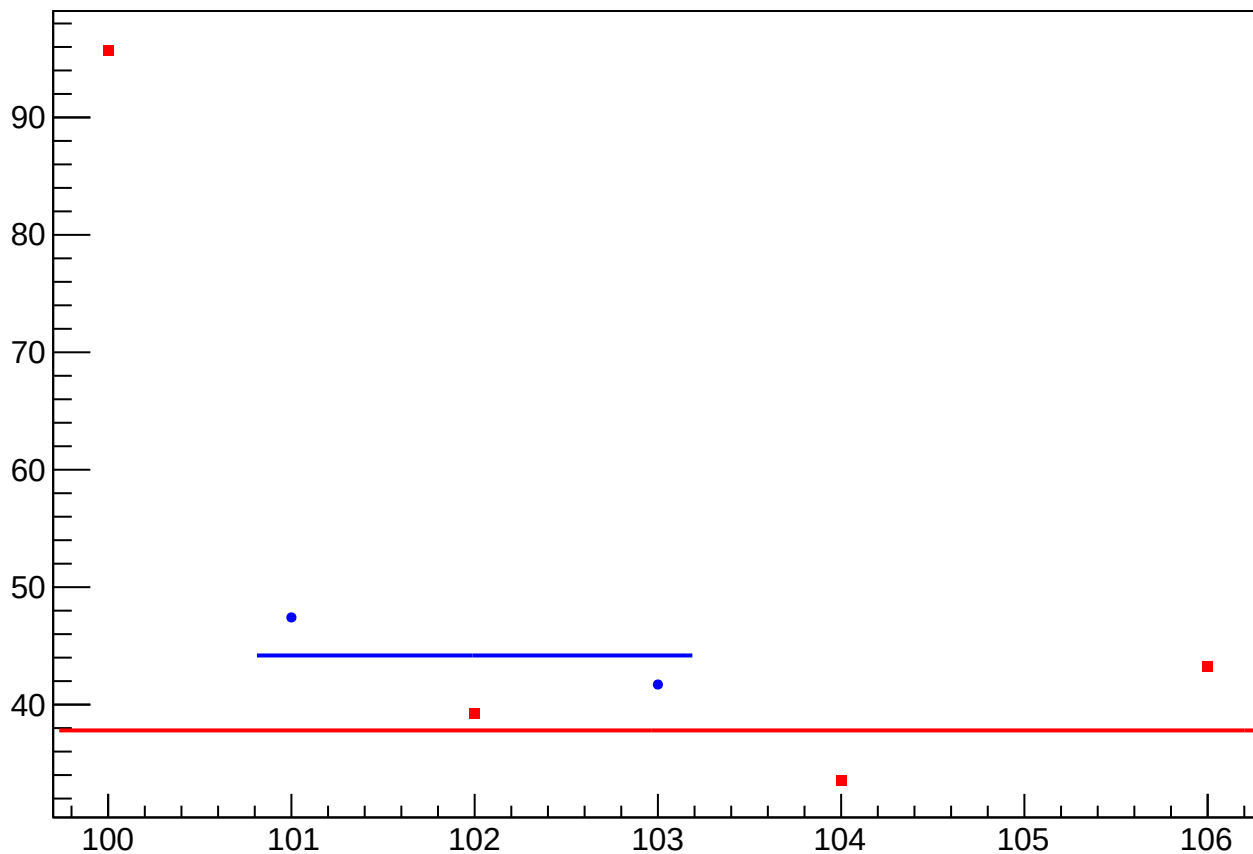
asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 ± 0.041 $\chi^2/\text{NDF}: 4.9/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -0.002 ± 0.032 $\chi^2/\text{NDF}: 5.3/3$
 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: -0.021 ± 0.025 $\chi^2/\text{NDF}: 11.2/5$
 In: -0.052 ± 0.041 $\chi^2/\text{NDF}: 4.9/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -0.021 ± 0.025 $\chi^2/\text{NDF}: 11.2/5$

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.023 χ^2/NDF : 77208.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

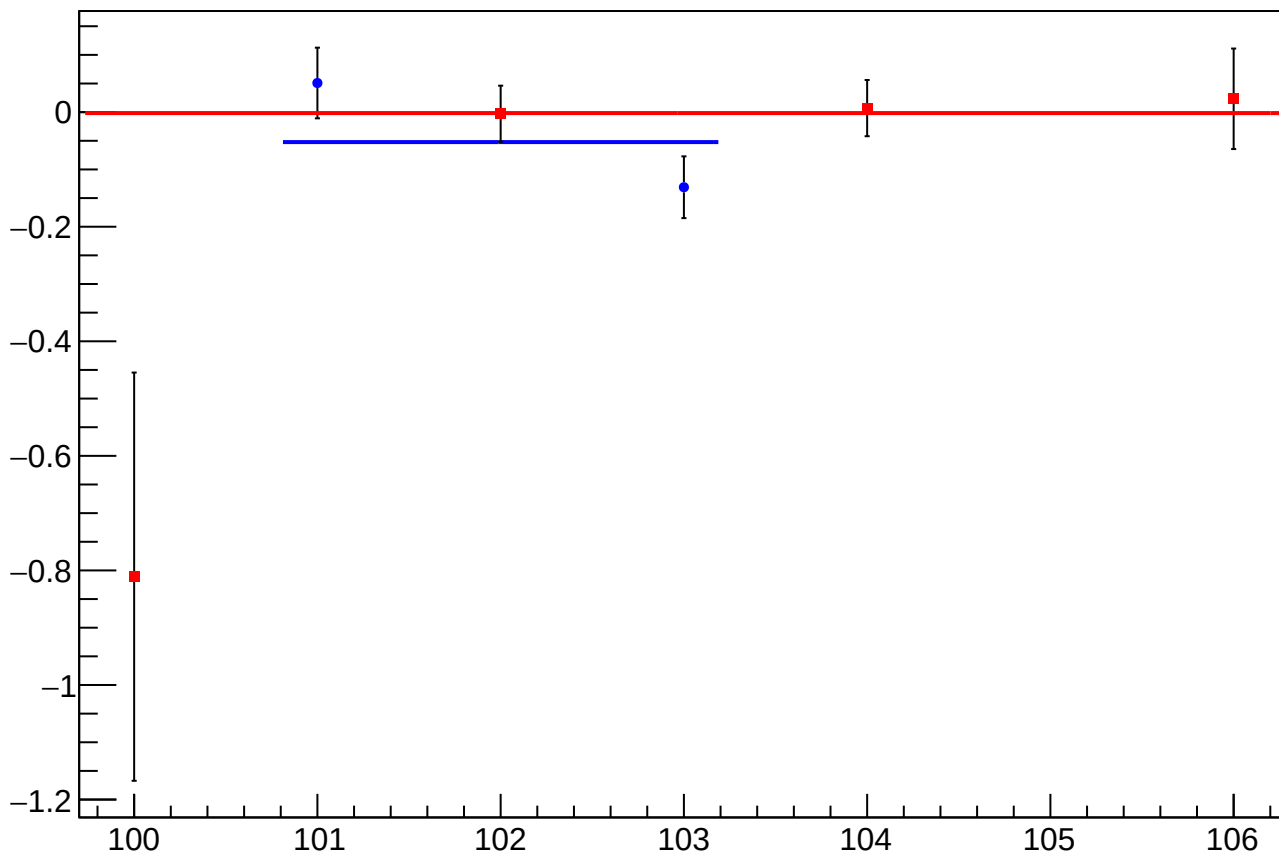
Right: 40.258+/-0.018 χ^2/NDF : 117357.1/5

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.258+/-0.018 χ^2/NDF : 117357.1/5

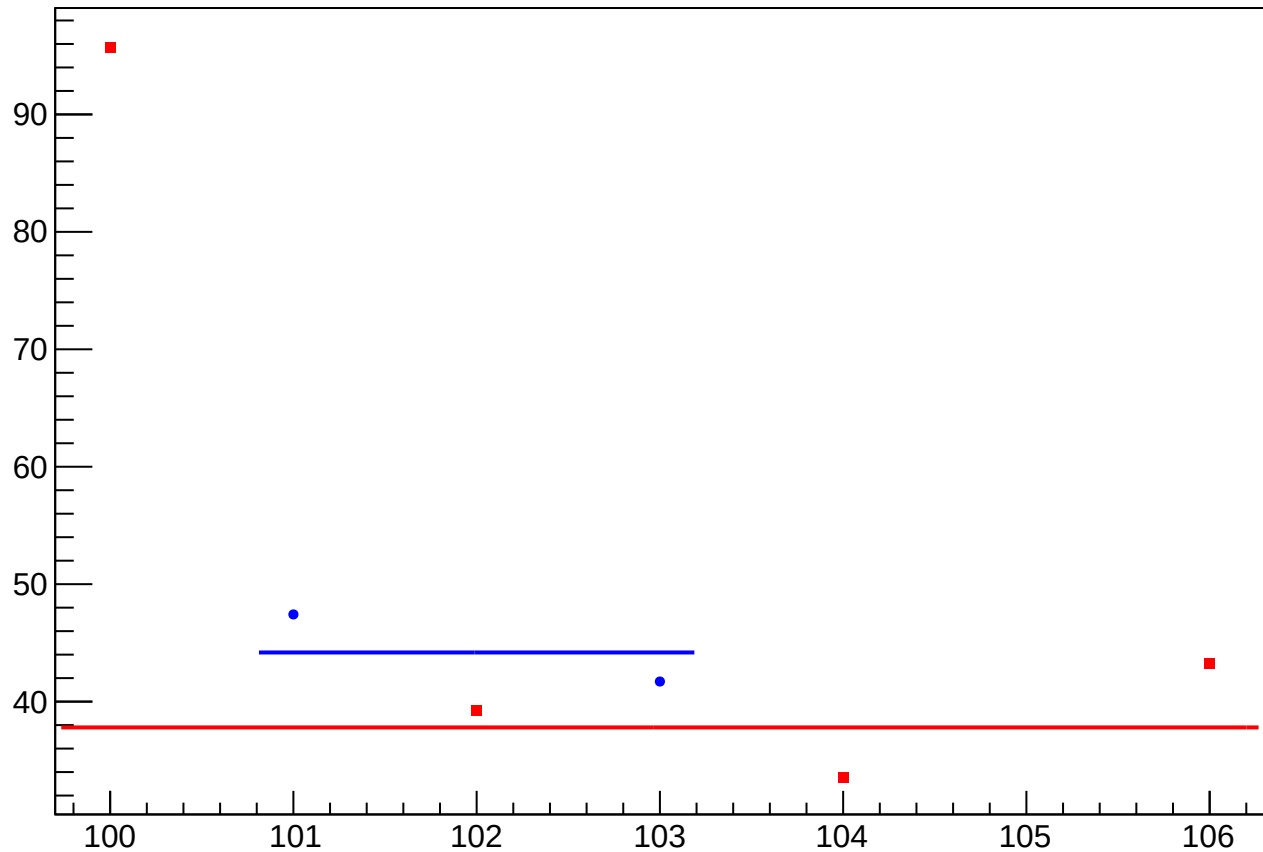
asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.002 $\pm$ 0.032 χ^2 /NDF: 5.3/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.021 $\pm$ 0.025 χ^2 /NDF: 11.2/5
 In: -0.052 $\pm$ 0.041 χ^2 /NDF:4.9/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.021 $\pm$ 0.025 χ^2 /NDF: 11.2/5

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.023 χ^2/NDF : 77208.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

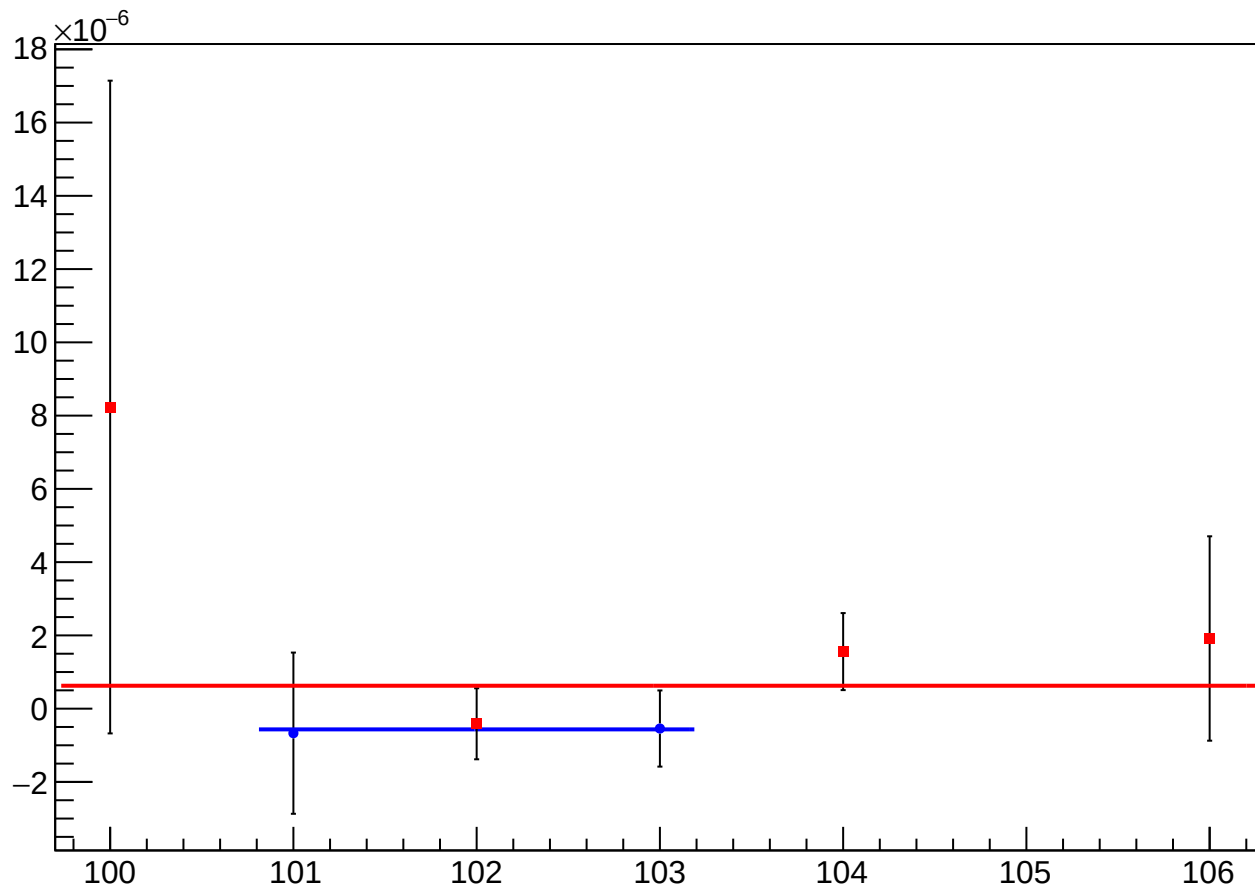
Right: 40.258+/-0.018 χ^2/NDF : 117357.1/5

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.258+/-0.018 χ^2/NDF : 117357.1/5

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

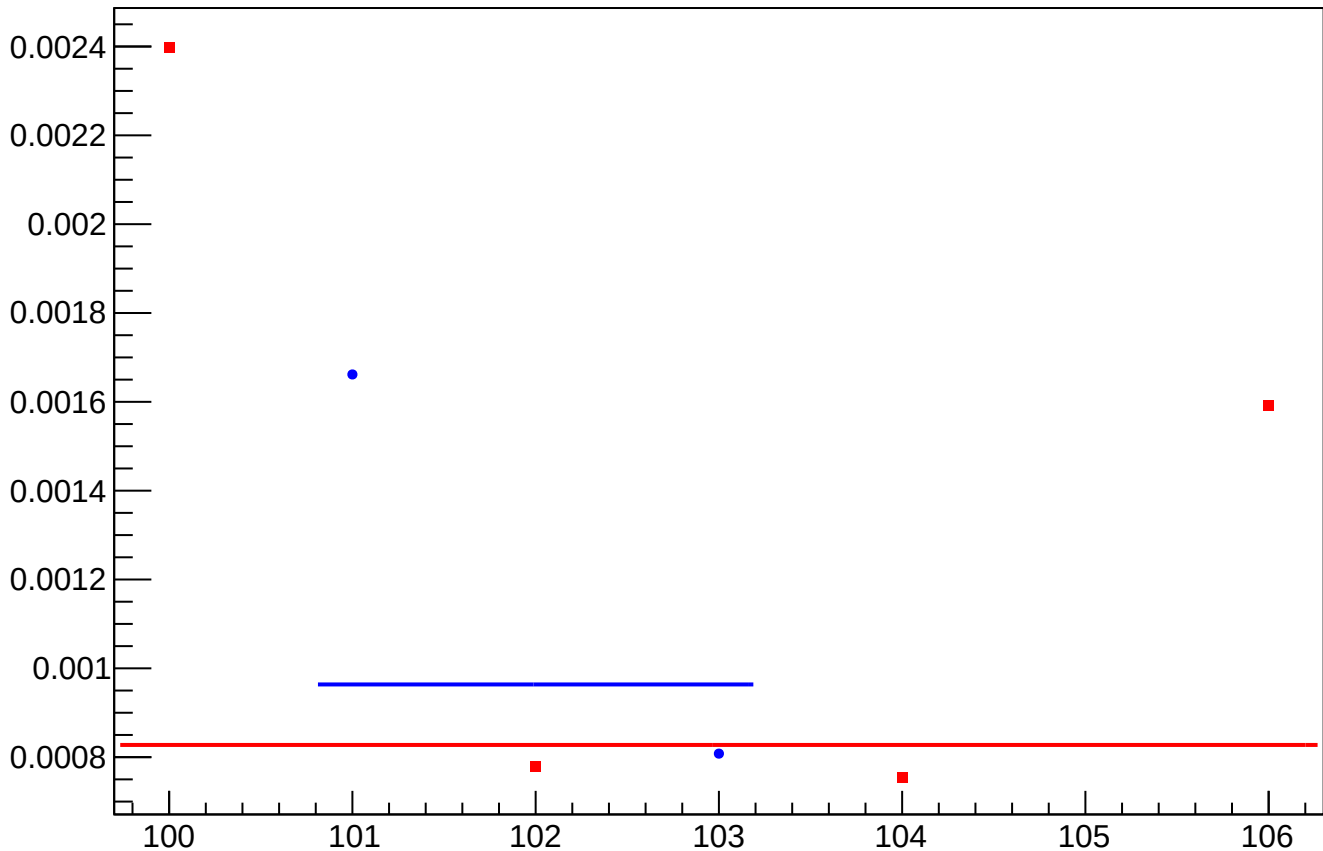
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

In: -0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 246075.7/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 226817.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

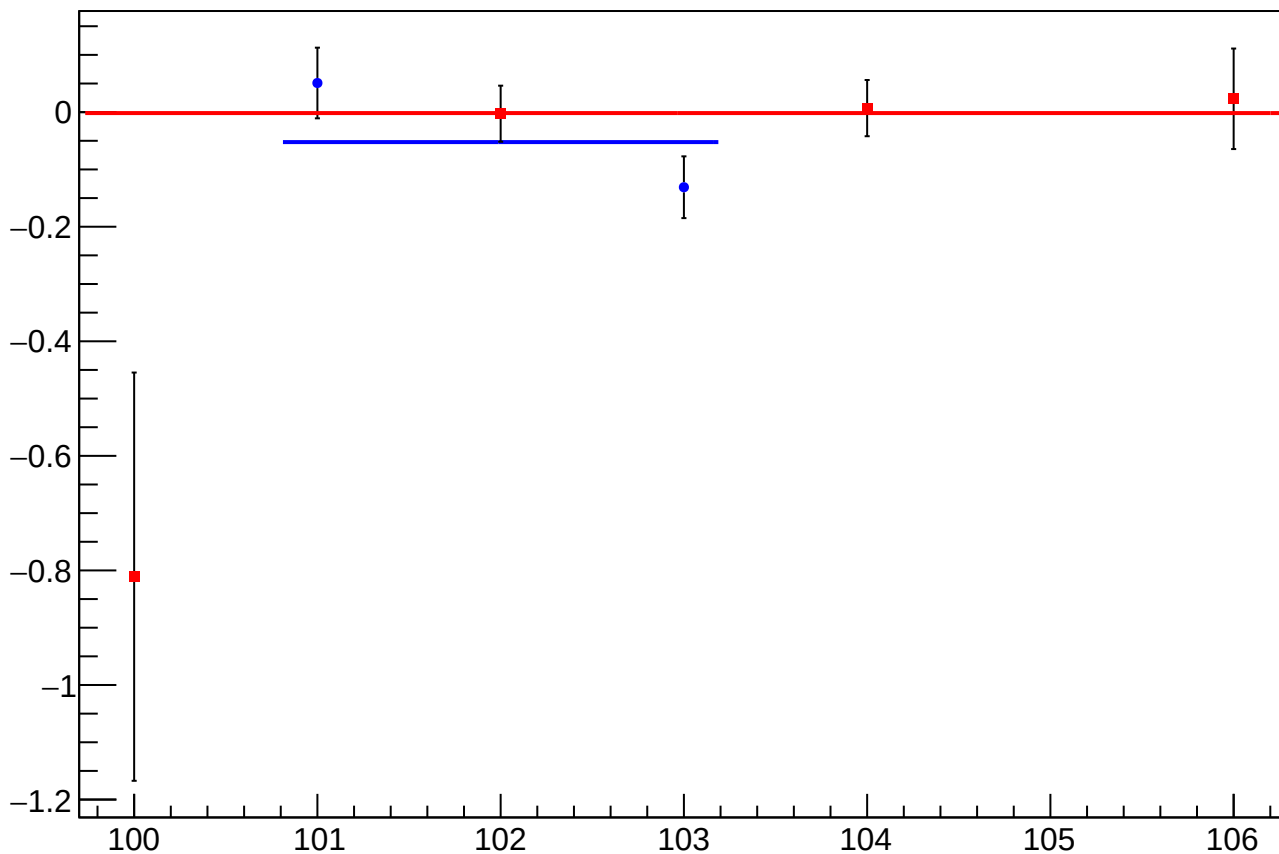
Right: 0.001+/-0.000 χ^2/NDF : 500224.6/5

In: 0.001+/-0.000 χ^2/NDF :246075.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 500224.6/5

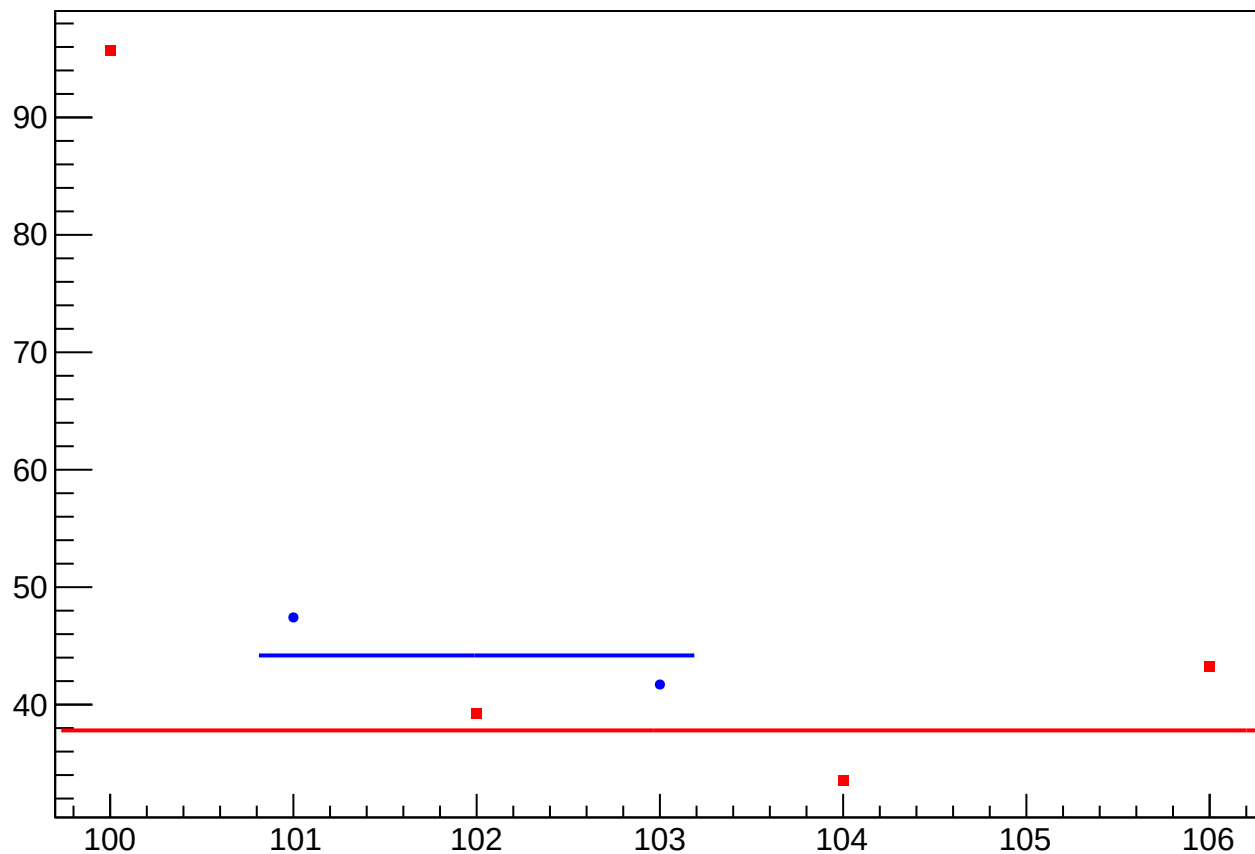
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.002 $\pm$ 0.032 χ^2 /NDF: 5.3/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.021 $\pm$ 0.025 χ^2 /NDF: 11.2/5
 In: -0.052 $\pm$ 0.041 χ^2 /NDF:4.9/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.021 $\pm$ 0.025 χ^2 /NDF: 11.2/5

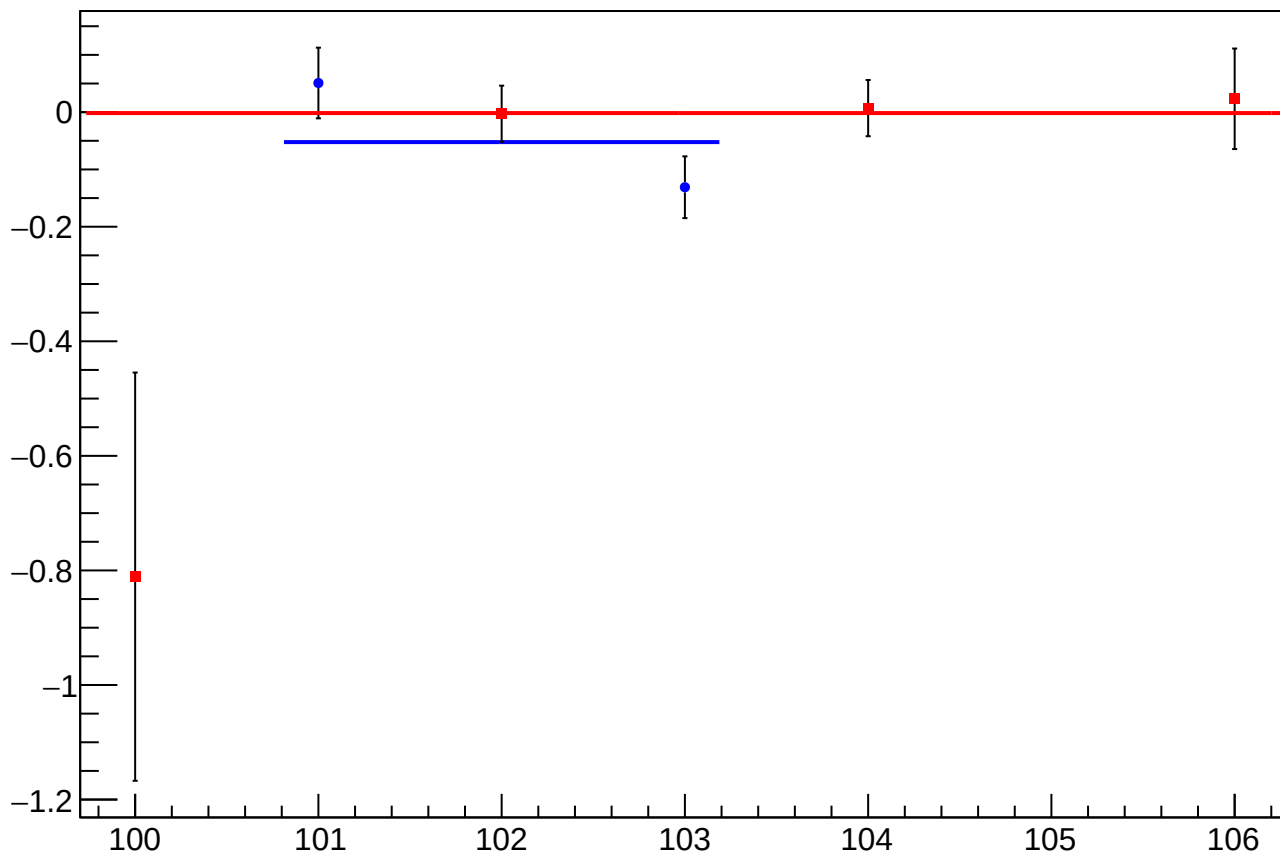
asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 37.802+/-0.023 χ^2/NDF : 77209.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 40.258+/-0.018 χ^2/NDF : 117358.6/5
 In: 44.184+/-0.029 χ^2/NDF : 9727.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 40.258+/-0.018 χ^2/NDF : 117358.6/5

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052+/-0.041 χ^2/NDF : 4.9/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.002+/-0.032 χ^2/NDF : 5.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

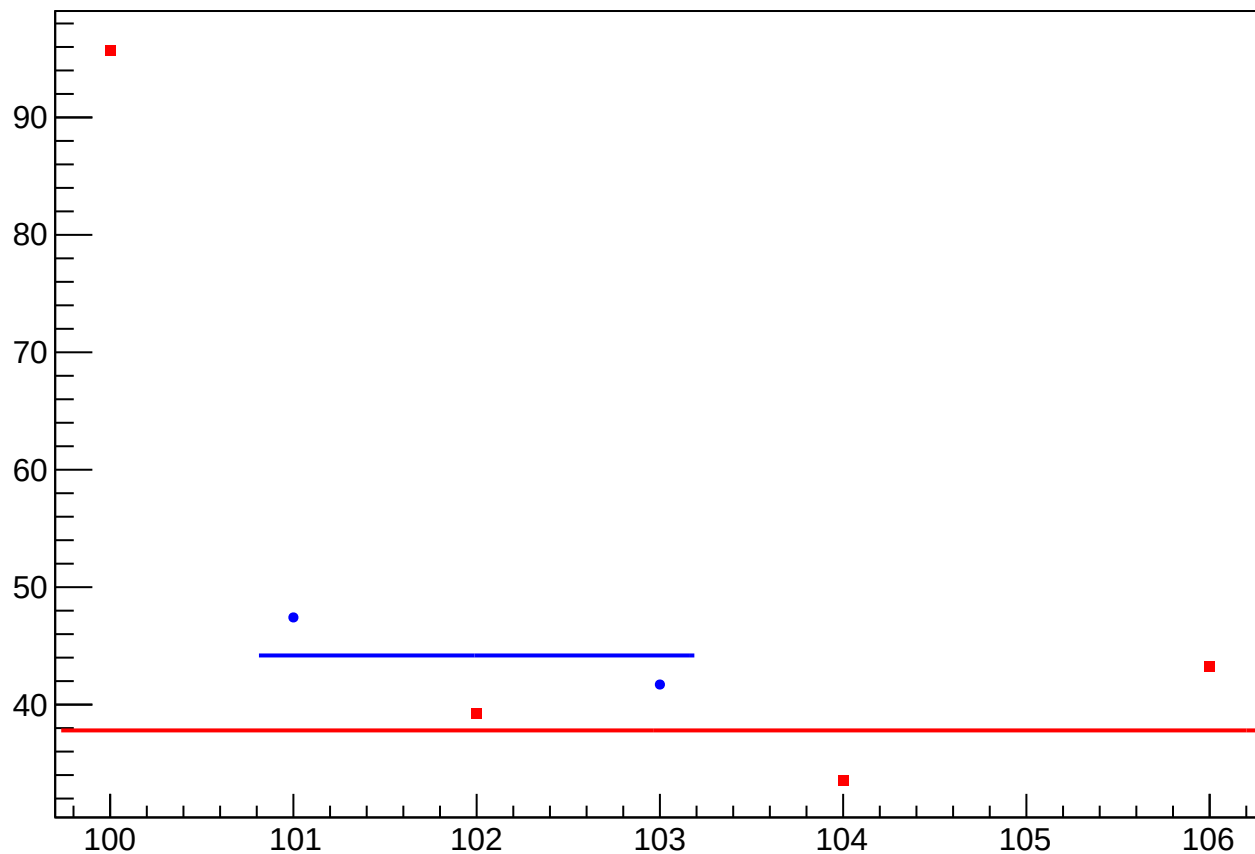
Right: -0.021+/-0.025 χ^2/NDF : 11.2/5

In: -0.052+/-0.041 χ^2/NDF :4.9/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.021+/-0.025 χ^2/NDF : 11.2/5

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184 $\pm$ 0.029 χ^2 /NDF: 9727.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.802 $\pm$ 0.023 χ^2 /NDF: 77209.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

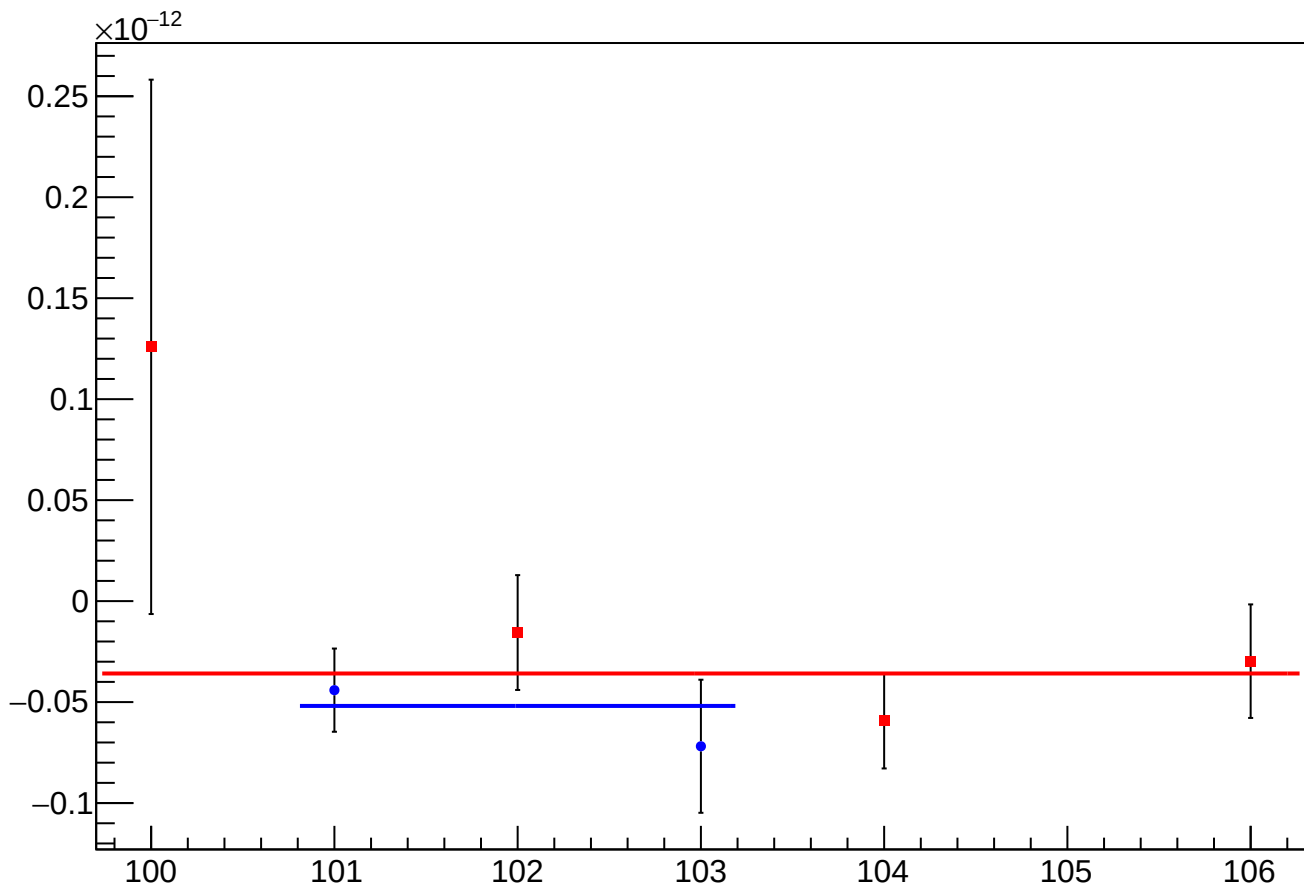
Right: 40.258 $\pm$ 0.018 χ^2 /NDF: 117358.6/5

In: 44.184 $\pm$ 0.029 χ^2 /NDF: 9727.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.258 $\pm$ 0.018 χ^2 /NDF: 117358.6/5

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

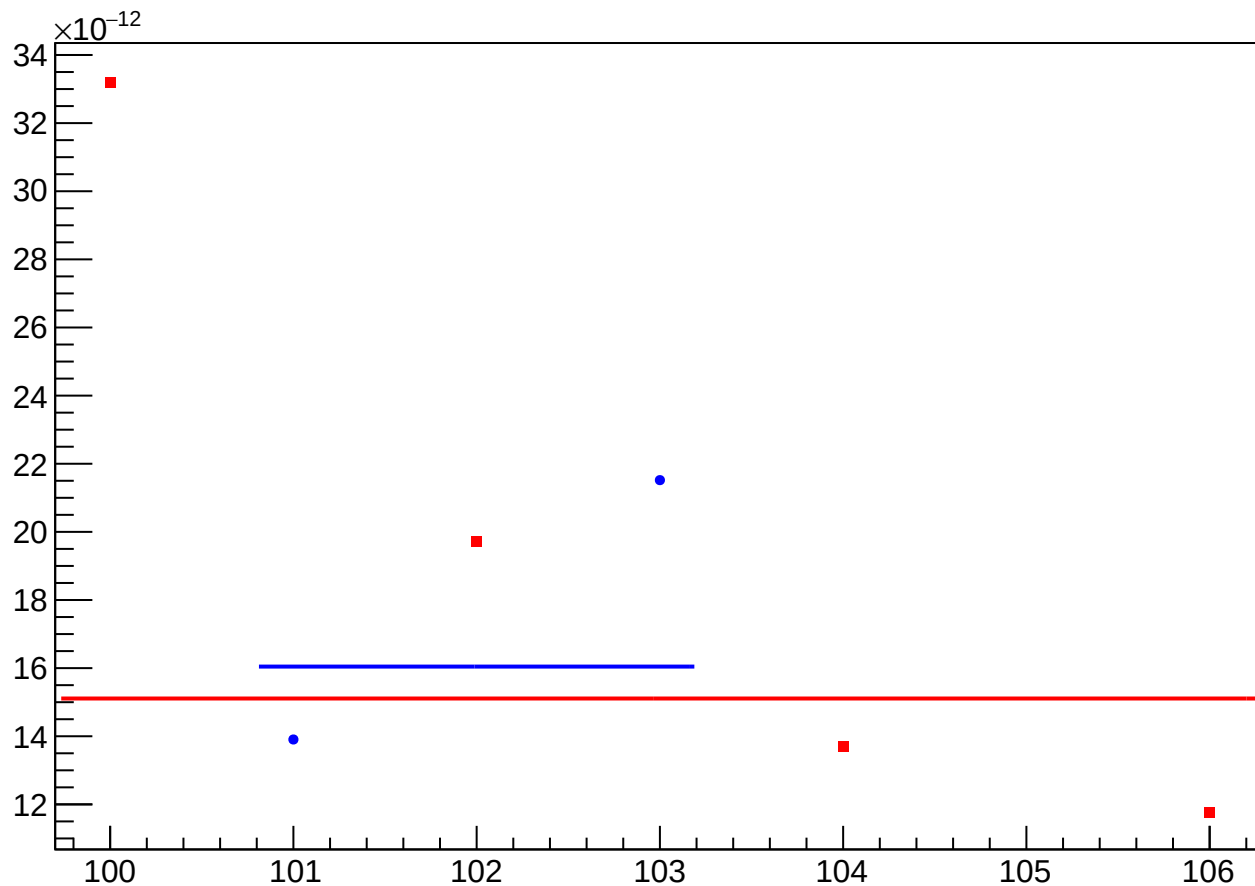
Right: -0.000+/-0.000 χ^2/NDF : 4.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.0/5

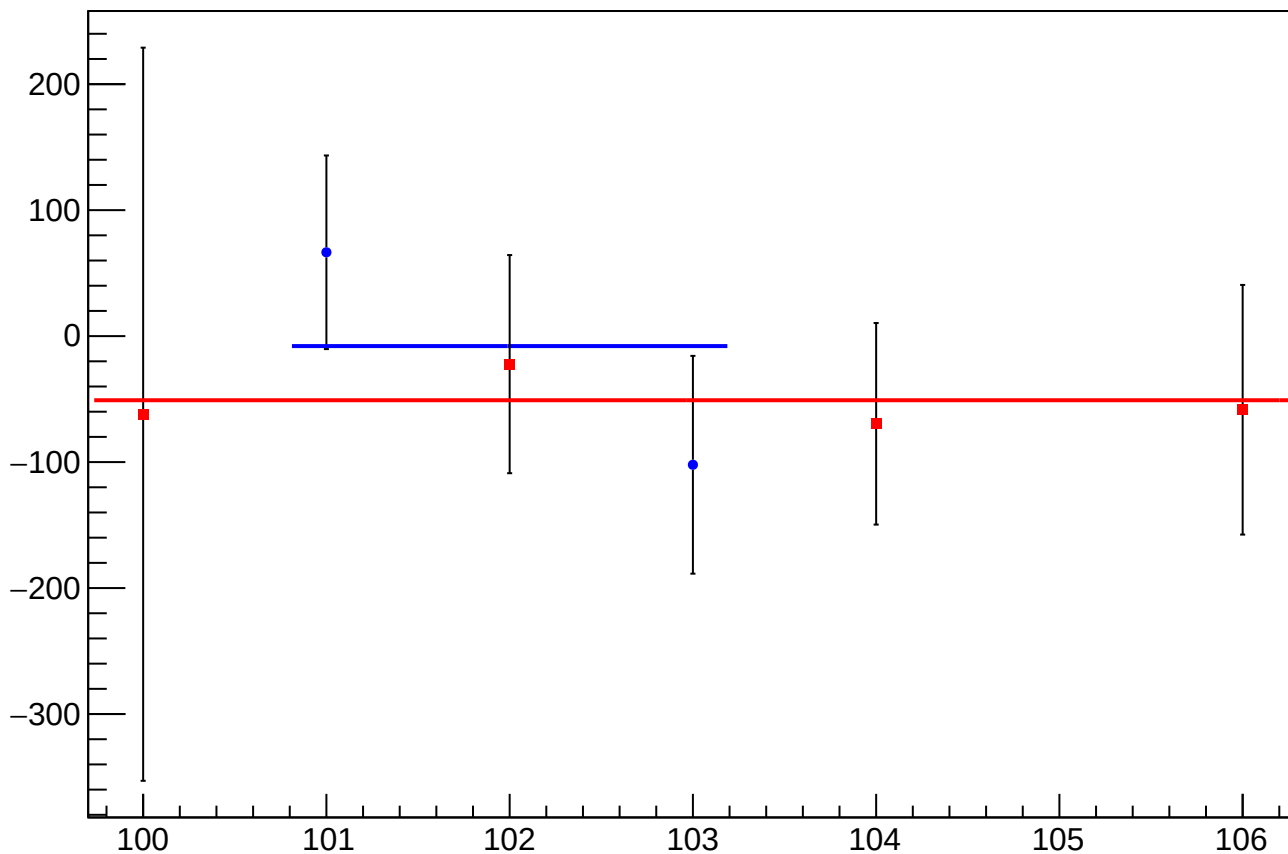
asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 76794.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 125460.9/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 205541.1/5
 In: 0.000+/-0.000 χ^2/NDF : 76794.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 205541.1/5

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.910+/-57.434 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -50.900+/-49.798 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

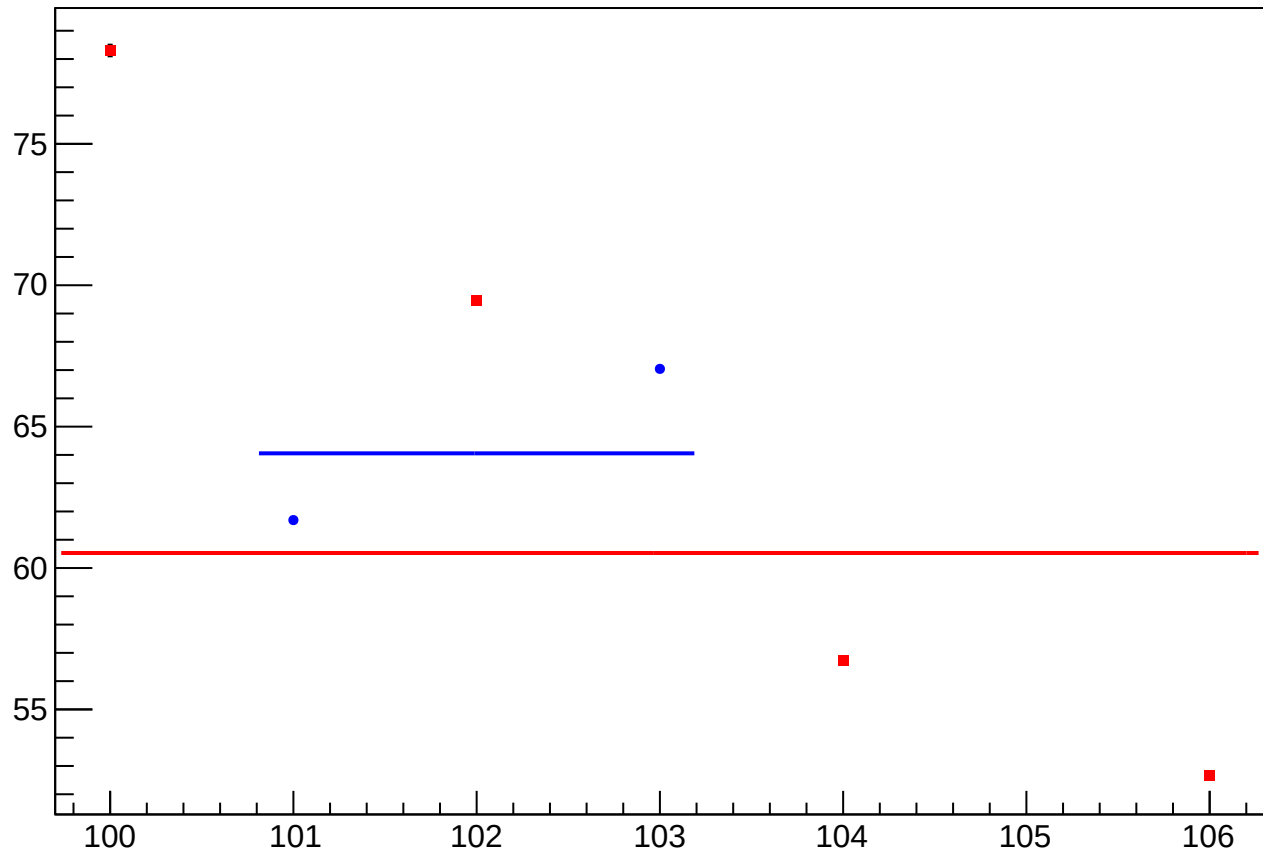
Right: -32.451+/-37.625 χ^2/NDF : 2.6/5

In: -7.910+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.451+/-37.625 χ^2/NDF : 2.6/5

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056+/-0.041 χ^2/NDF : 4274.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.532+/-0.035 χ^2/NDF : 45846.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

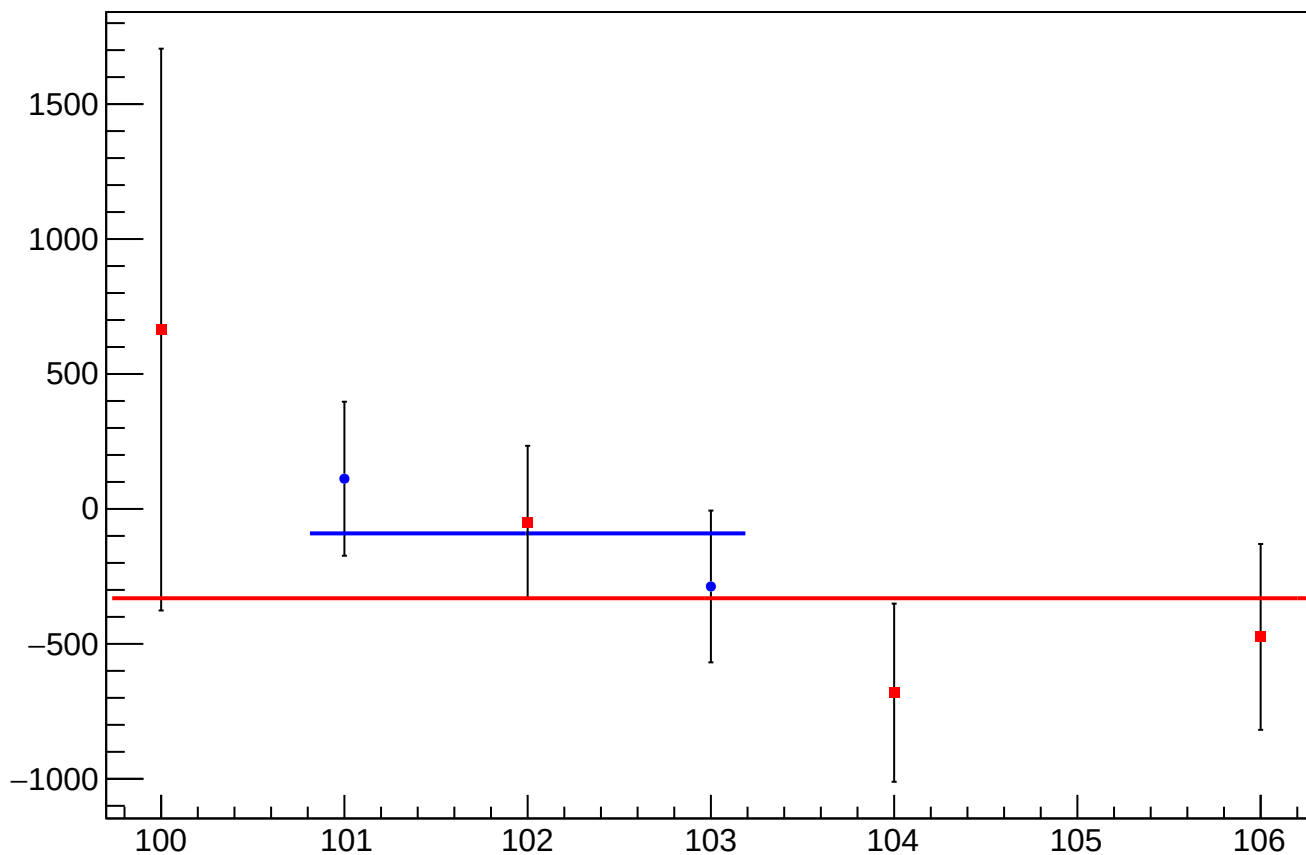
Right: 62.044+/-0.027 χ^2/NDF : 54419.3/5

In: 64.056+/-0.041 χ^2/NDF : 4274.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.044+/-0.027 χ^2/NDF : 54419.3/5

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -90.609 ± 200.263 $\chi^2/\text{NDF}: 1.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -330.904 ± 179.650 $\chi^2/\text{NDF}: 3.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

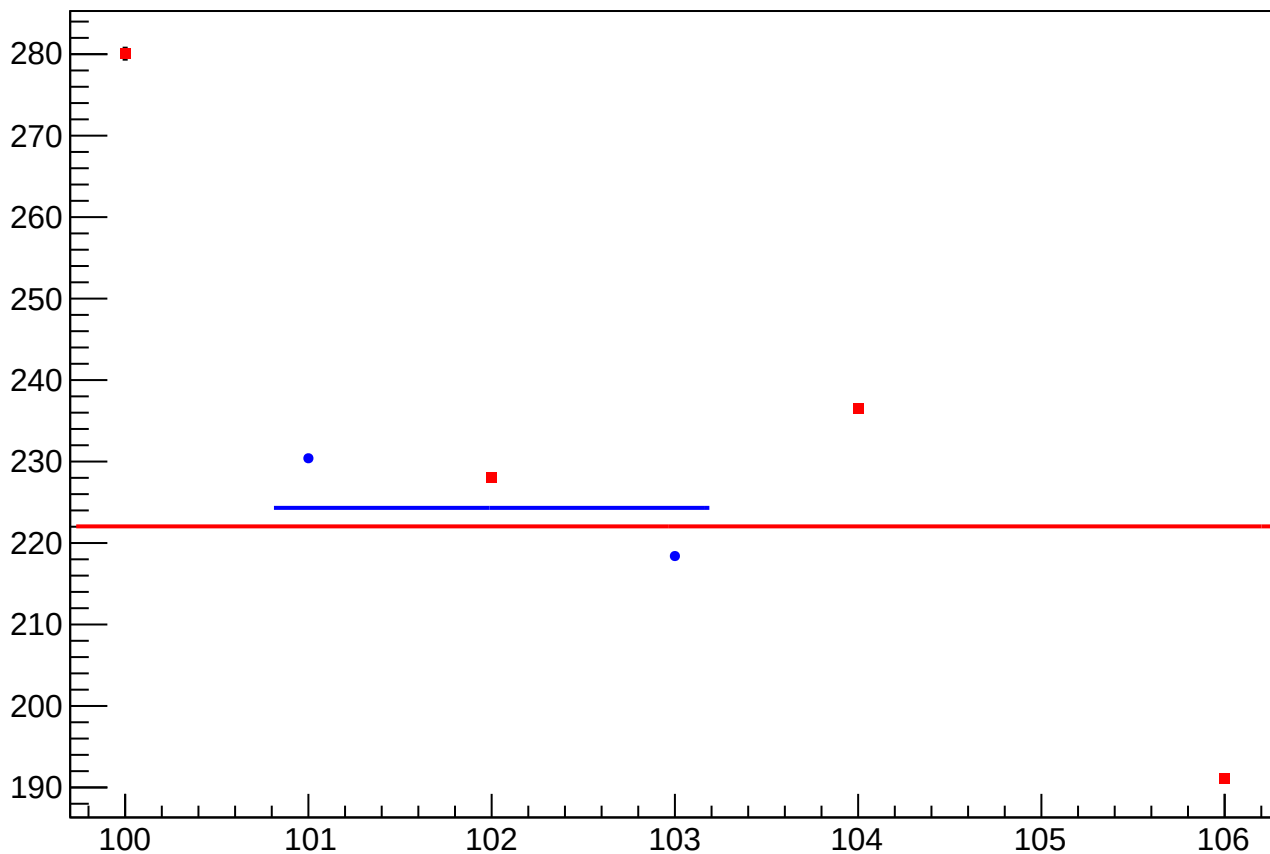
Right: -223.756 ± 133.727 $\chi^2/\text{NDF}: 5.0/5$

In: -90.609 ± 200.263 $\chi^2/\text{NDF}: 1.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -223.756 ± 133.727 $\chi^2/\text{NDF}: 5.0/5$

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 224.315+/-0.142 χ^2/NDF : 1795.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.042+/-0.127 χ^2/NDF : 27158.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

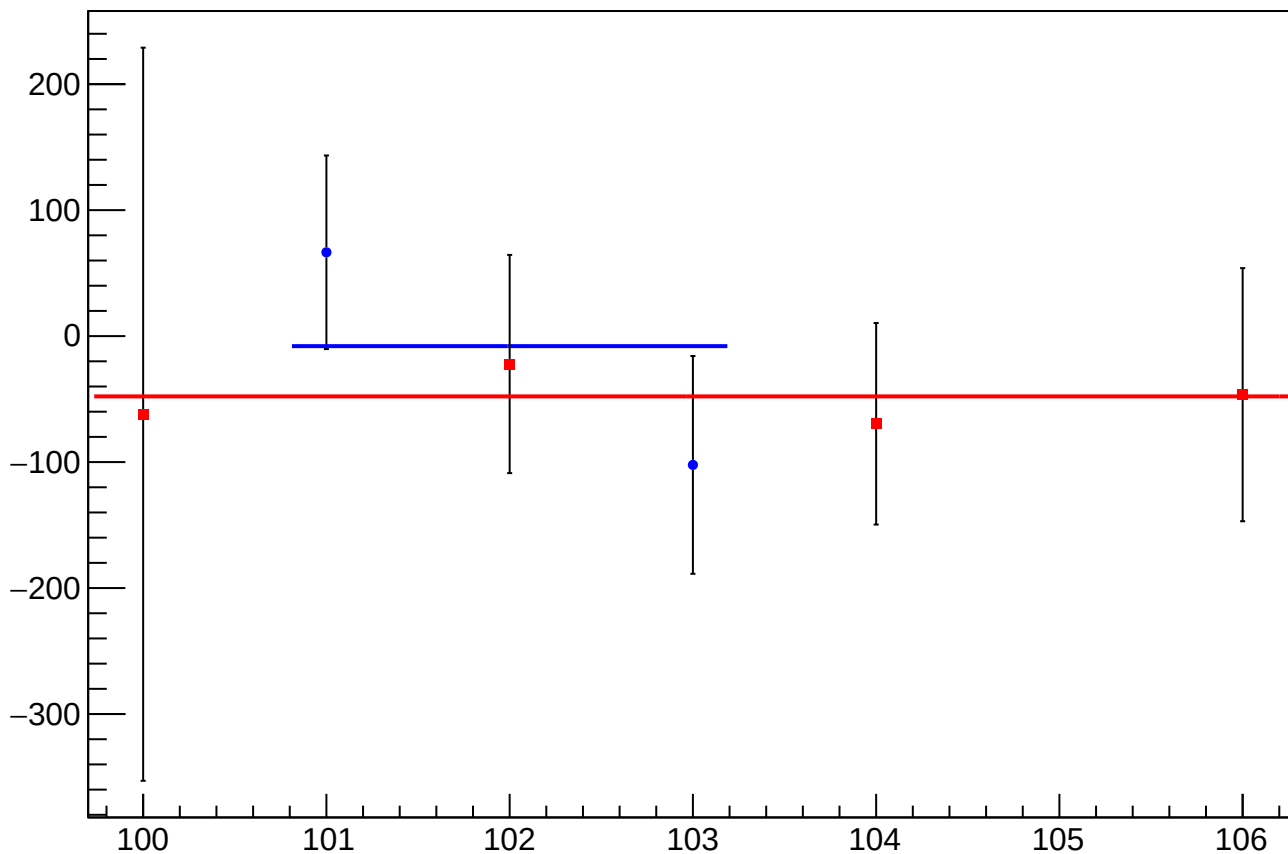
Right: 223.056+/-0.095 χ^2/NDF : 29096.2/5

In: 224.315+/-0.142 χ^2/NDF : 1795.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.056+/-0.095 χ^2/NDF : 29096.2/5

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.854+/-49.975 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

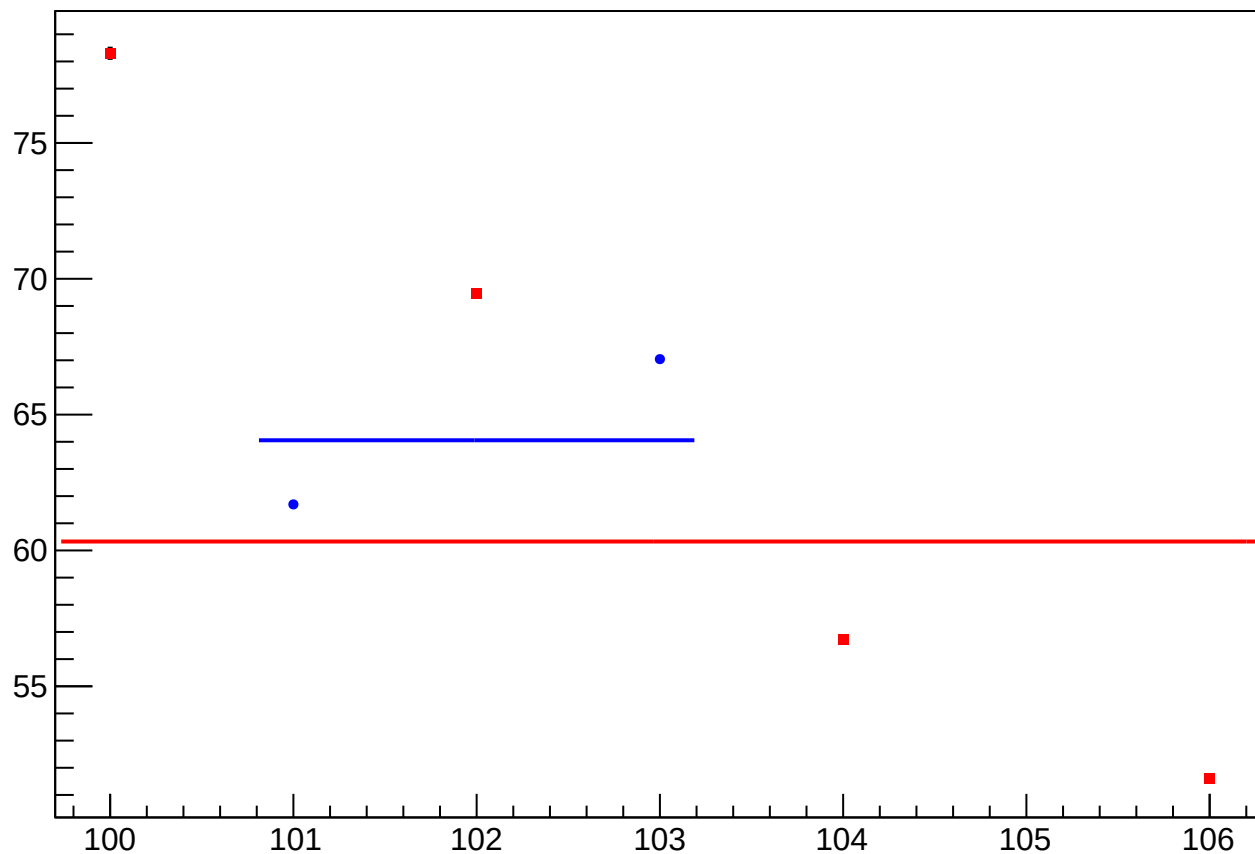
Right: -30.664+/-37.701 χ^2/NDF : 2.6/5

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.664+/-37.701 χ^2/NDF : 2.6/5

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056+/-0.041 χ^2/NDF : 4274.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.329+/-0.035 χ^2/NDF : 49075.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

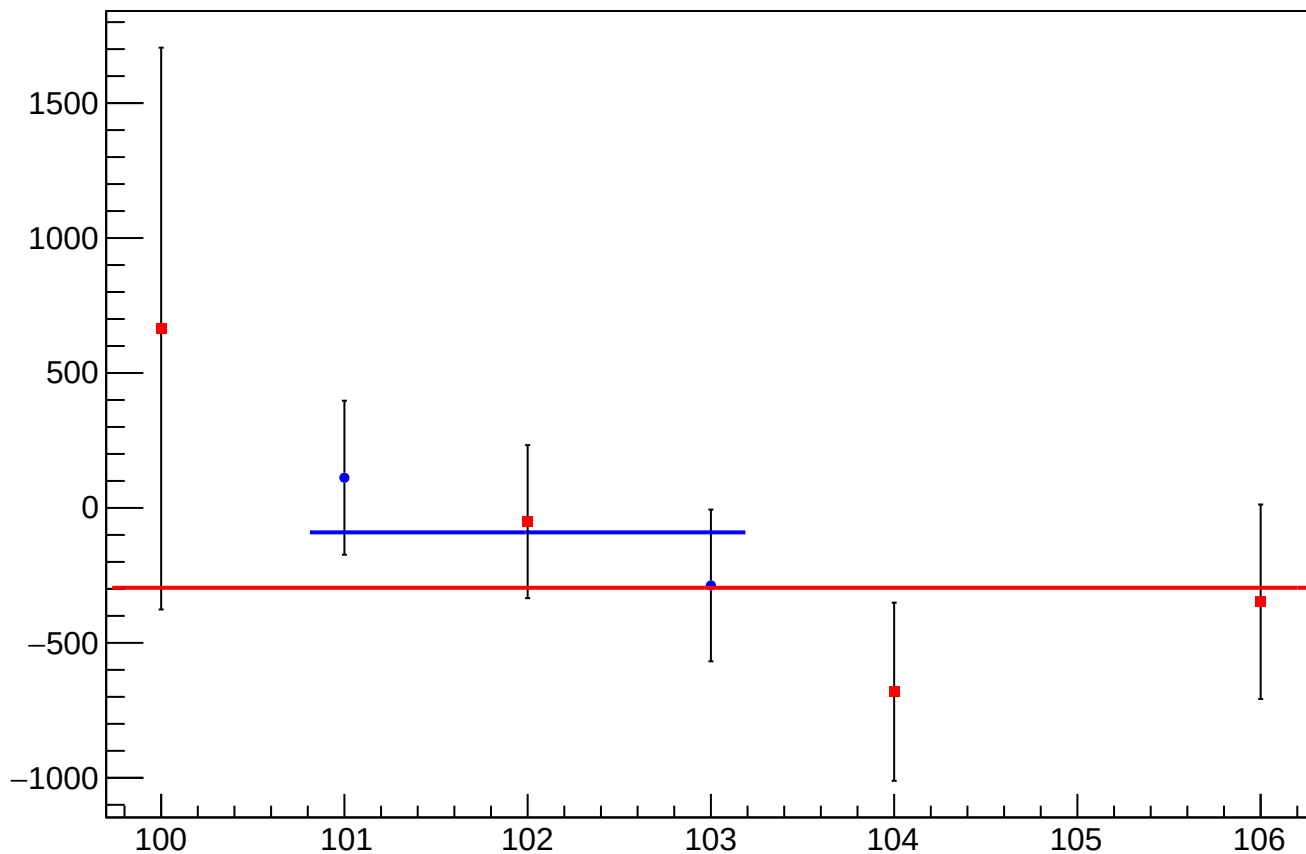
Right: 61.935+/-0.027 χ^2/NDF : 58143.7/5

In: 64.056+/-0.041 χ^2/NDF : 4274.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.935+/-0.027 χ^2/NDF : 58143.7/5

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -295.825 ± 181.864 χ^2/NDF : 3.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

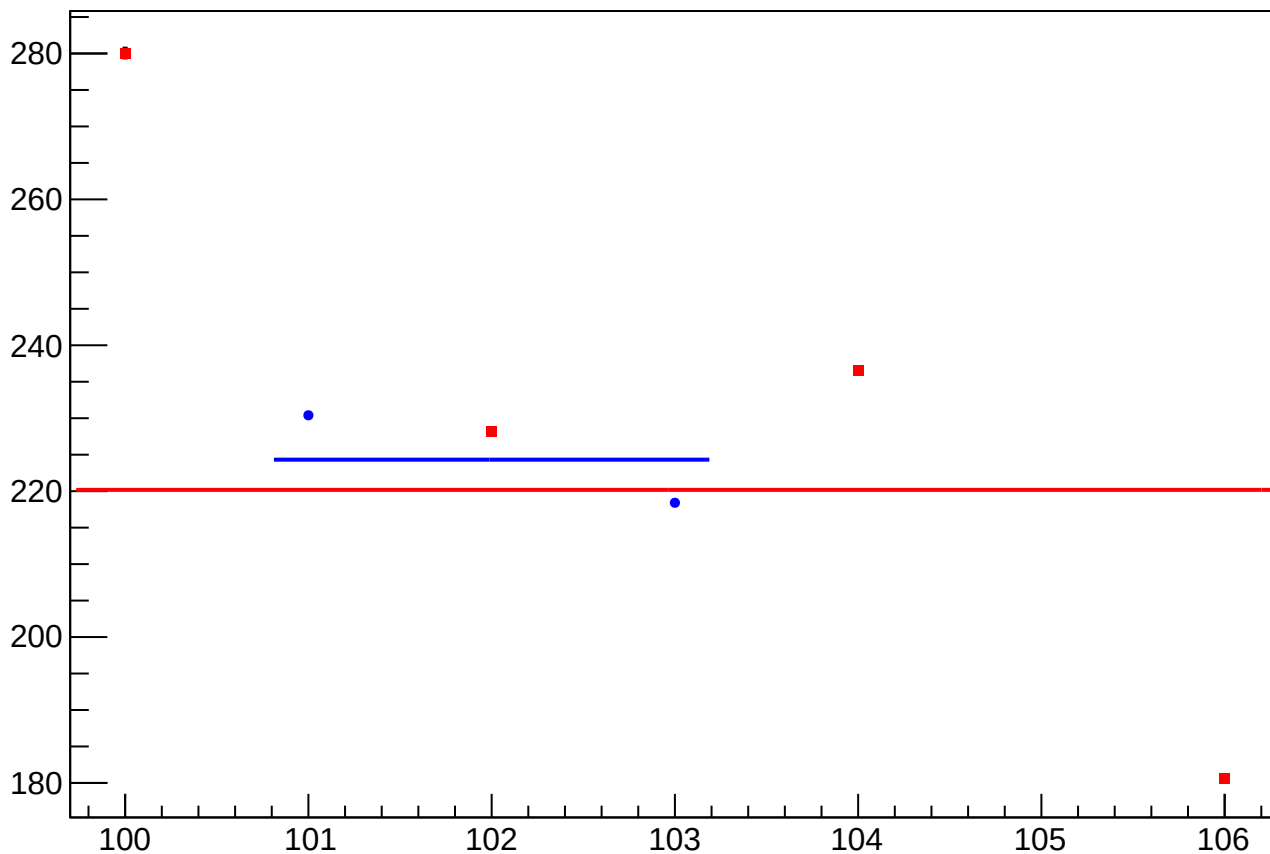
Right: -203.060 ± 134.634 χ^2/NDF : 4.5/5

In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -203.060 ± 134.634 χ^2/NDF : 4.5/5

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.319 $\pm$ 0.142 χ^2 /NDF: 1793.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 220.179 $\pm$ 0.129 χ^2 /NDF: 37325.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

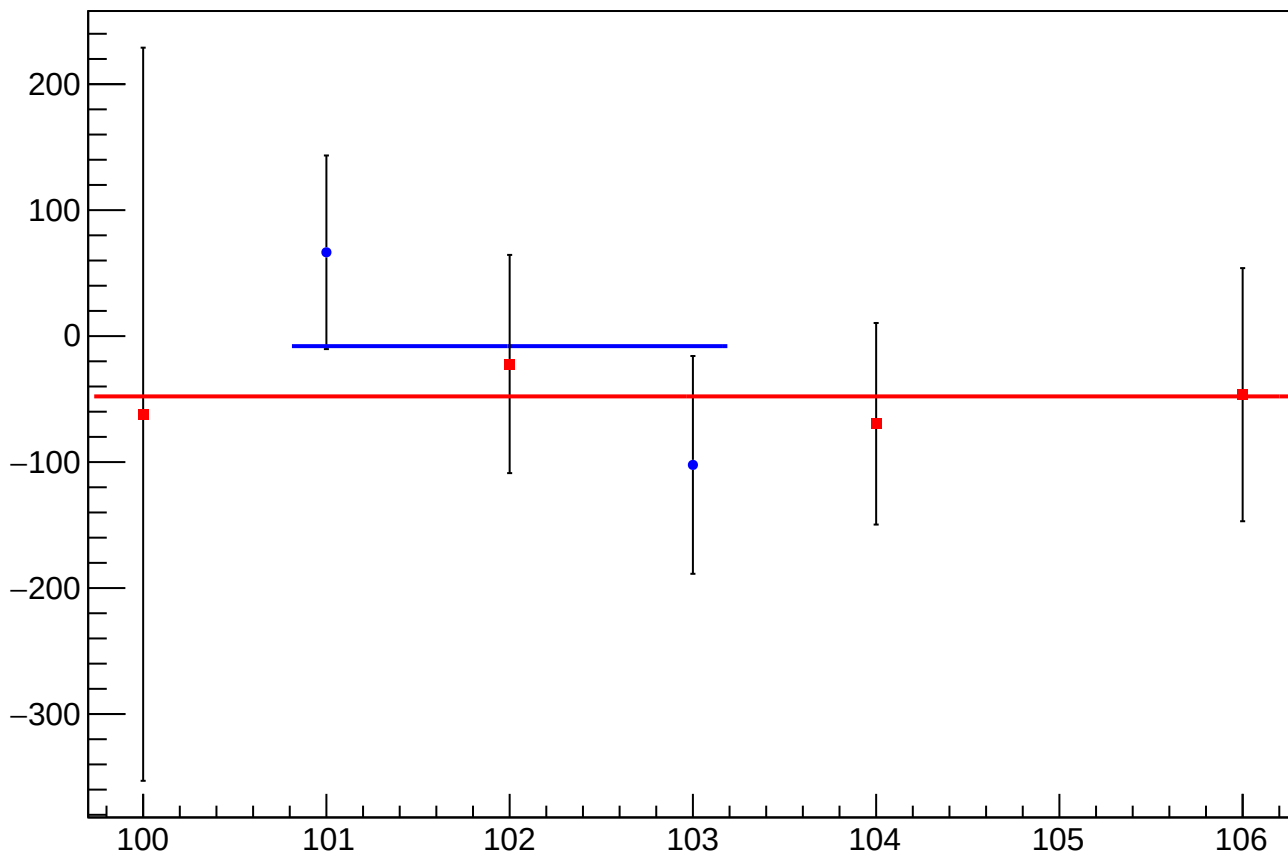
Right: 222.050 $\pm$ 0.095 χ^2 /NDF: 39587.1/5

In: 224.319 $\pm$ 0.142 χ^2 /NDF:1793.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 222.050 $\pm$ 0.095 χ^2 /NDF: 39587.1/5

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.854+/-49.975 χ^2/NDF : 0.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

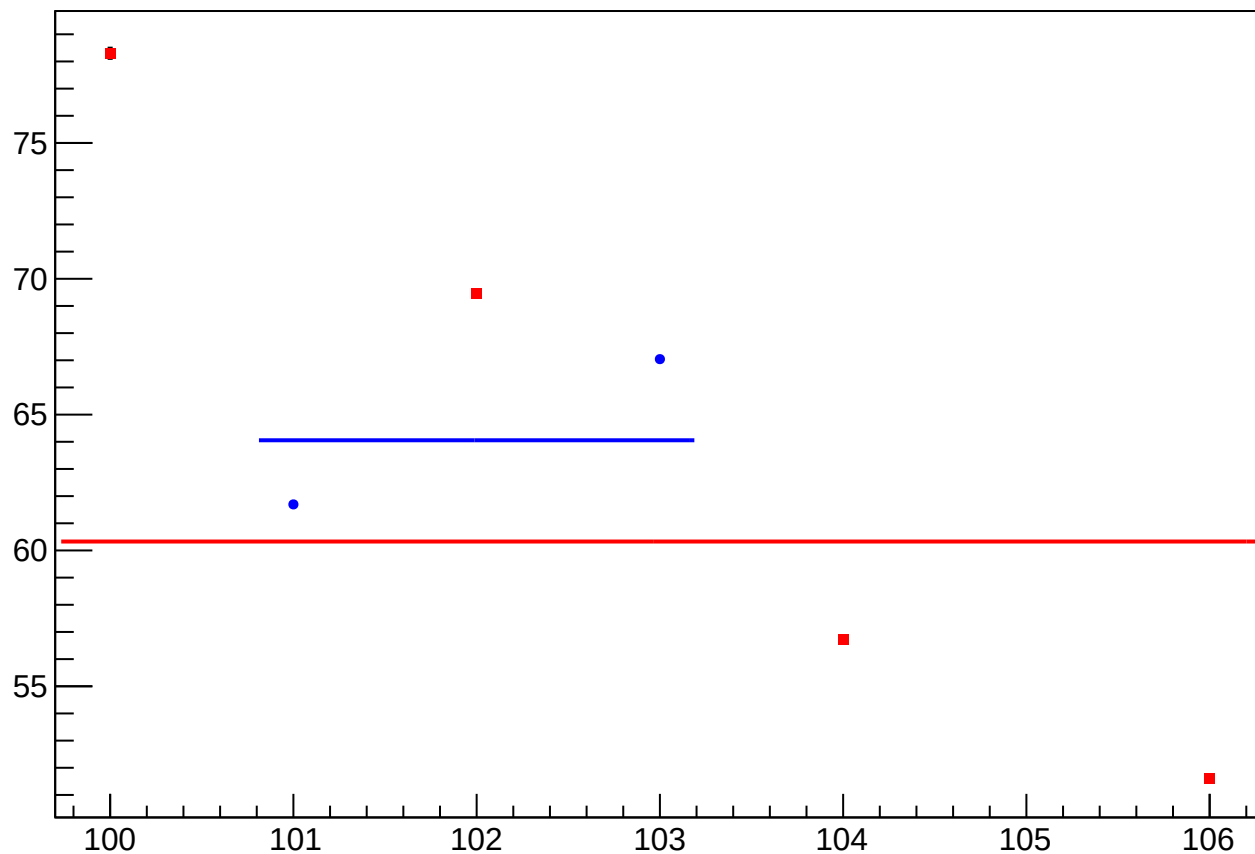
Right: -30.664+/-37.701 χ^2/NDF : 2.6/5

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.664+/-37.701 χ^2/NDF : 2.6/5

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056+/-0.041 χ^2/NDF : 4274.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.329+/-0.035 χ^2/NDF : 49075.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

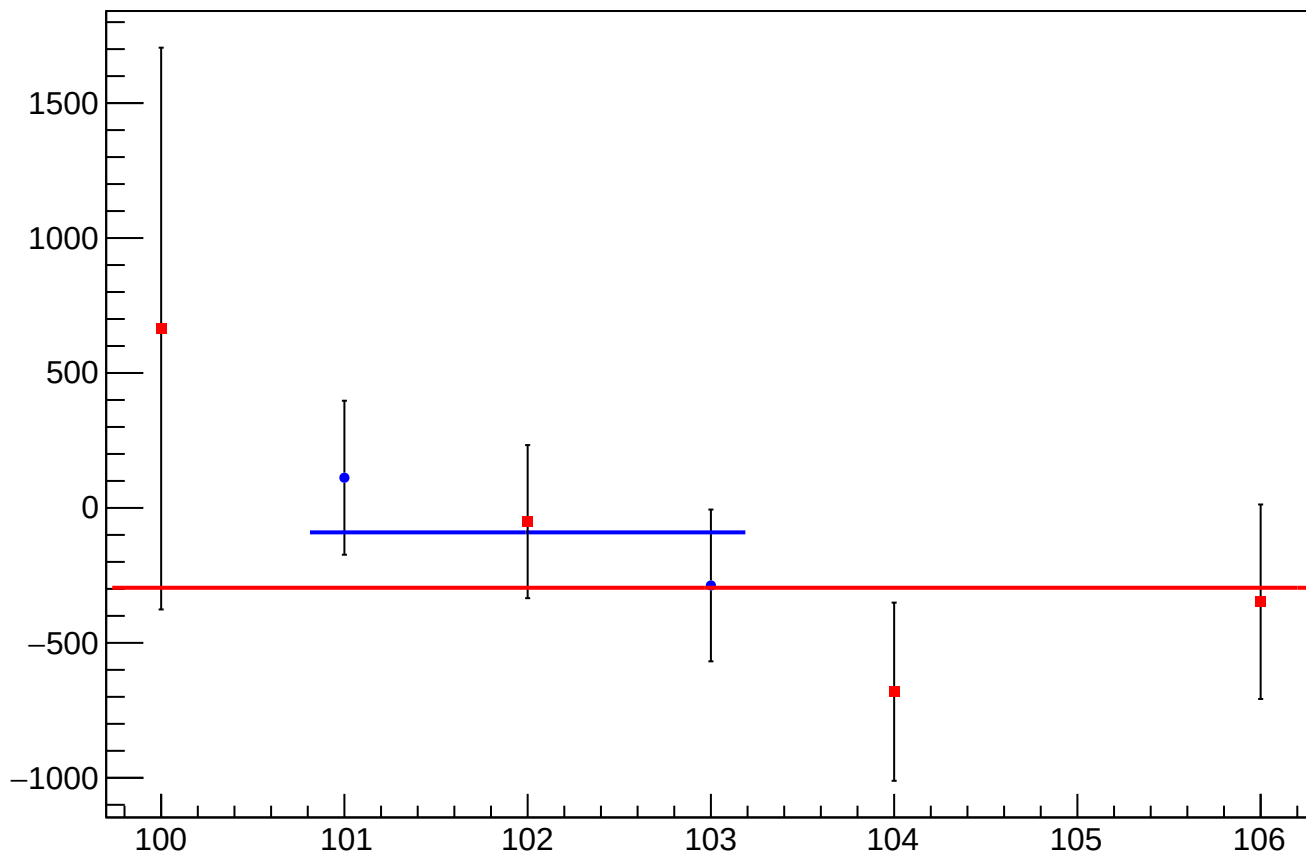
Right: 61.935+/-0.027 χ^2/NDF : 58143.7/5

In: 64.056+/-0.041 χ^2/NDF : 4274.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.935+/-0.027 χ^2/NDF : 58143.7/5

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -295.825 ± 181.864 χ^2/NDF : 3.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

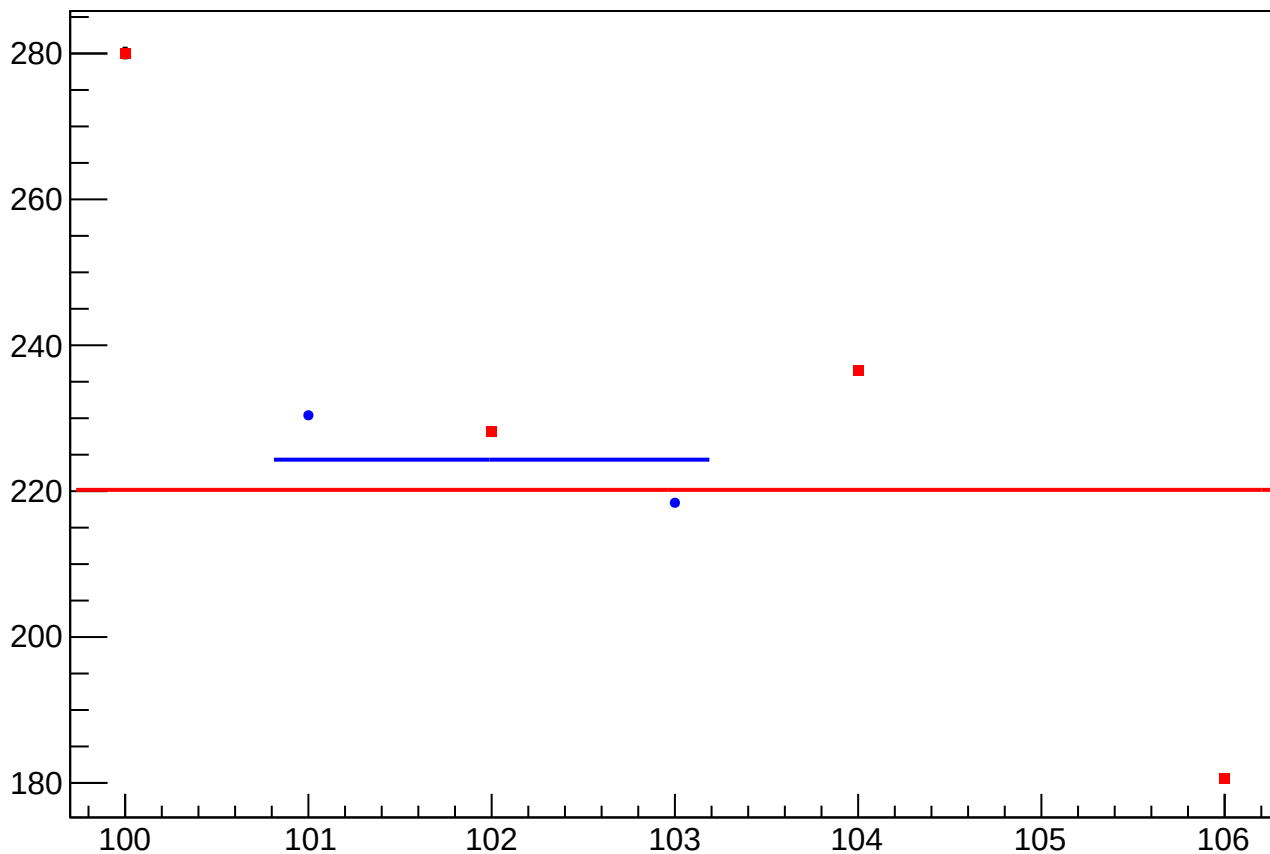
Right: -203.060 ± 134.634 χ^2/NDF : 4.5/5

In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -203.060 ± 134.634 χ^2/NDF : 4.5/5

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.179+/-0.129 χ^2/NDF : 37325.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

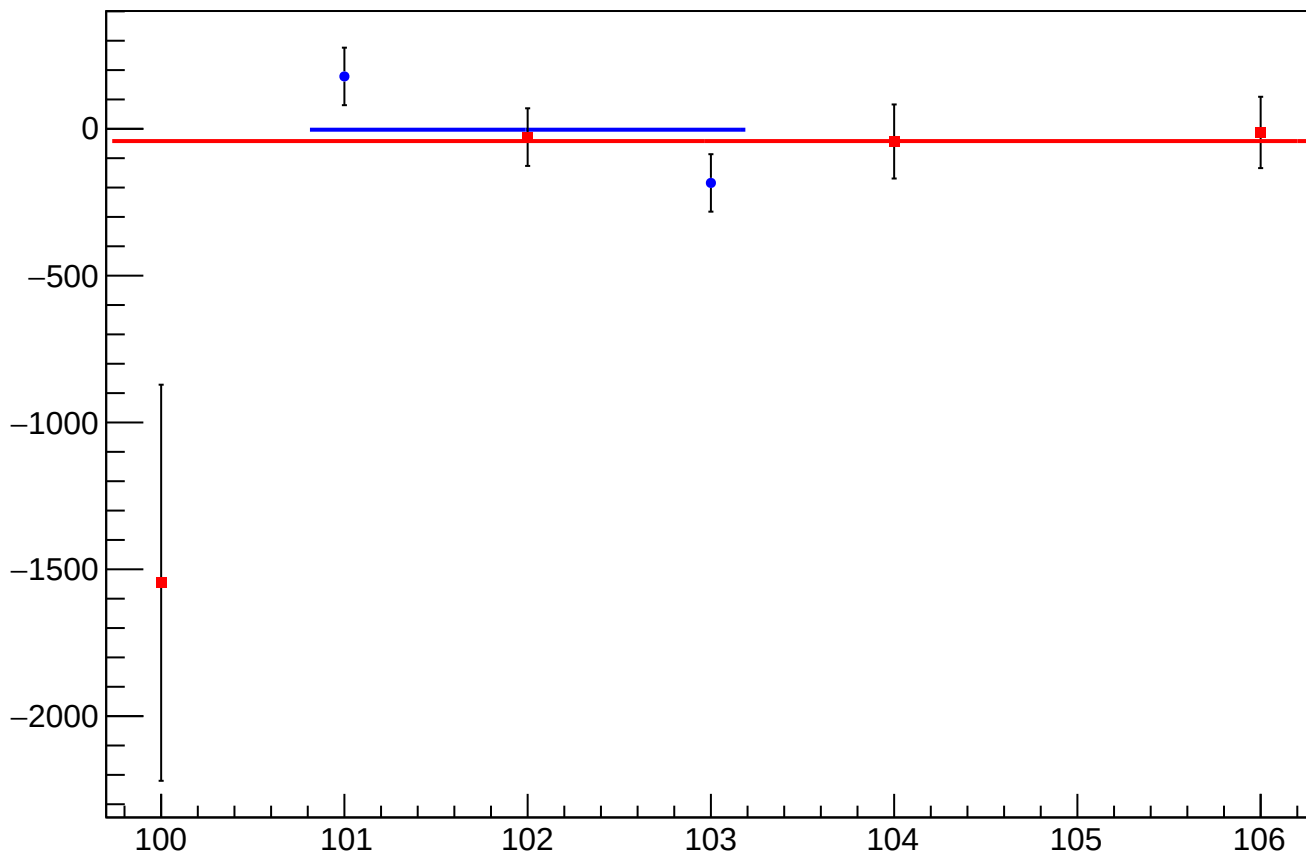
Right: 222.050+/-0.095 χ^2/NDF : 39587.1/5

In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.050+/-0.095 χ^2/NDF : 39587.1/5

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -3.003+/-69.211 χ^2/NDF : 6.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.711+/-64.995 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

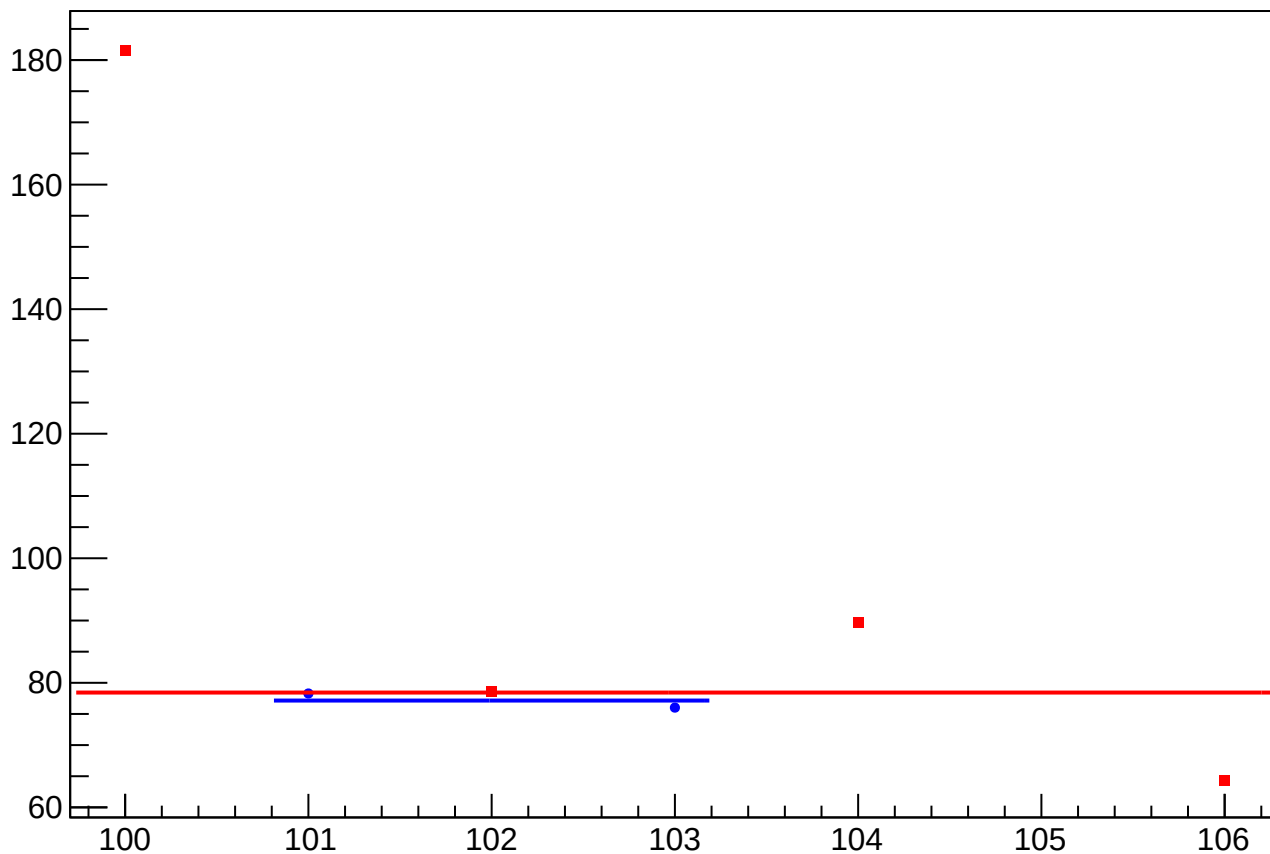
Right: -23.572+/-47.378 χ^2/NDF : 12.1/5

In: -3.003+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.572+/-47.378 χ^2/NDF : 12.1/5

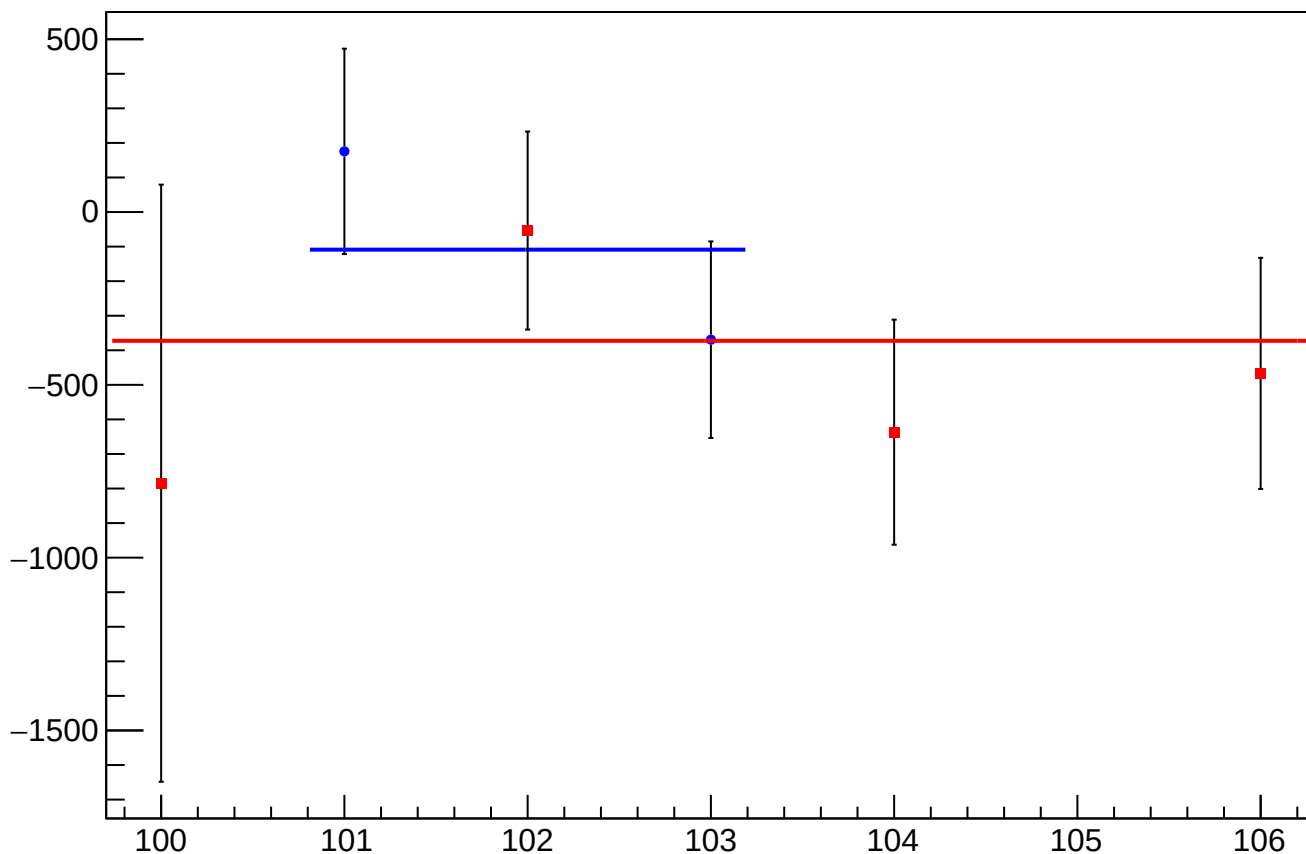
dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.7/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 78.436 $\pm$ 0.046 χ^2 /NDF: 89579.9/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 77.834 $\pm$ 0.034 χ^2 /NDF: 90486.1/5
 In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.7/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 77.834 $\pm$ 0.034 χ^2 /NDF: 90486.1/5

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.809 $\pm$ 205.435 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -372.631 $\pm$ 177.061 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

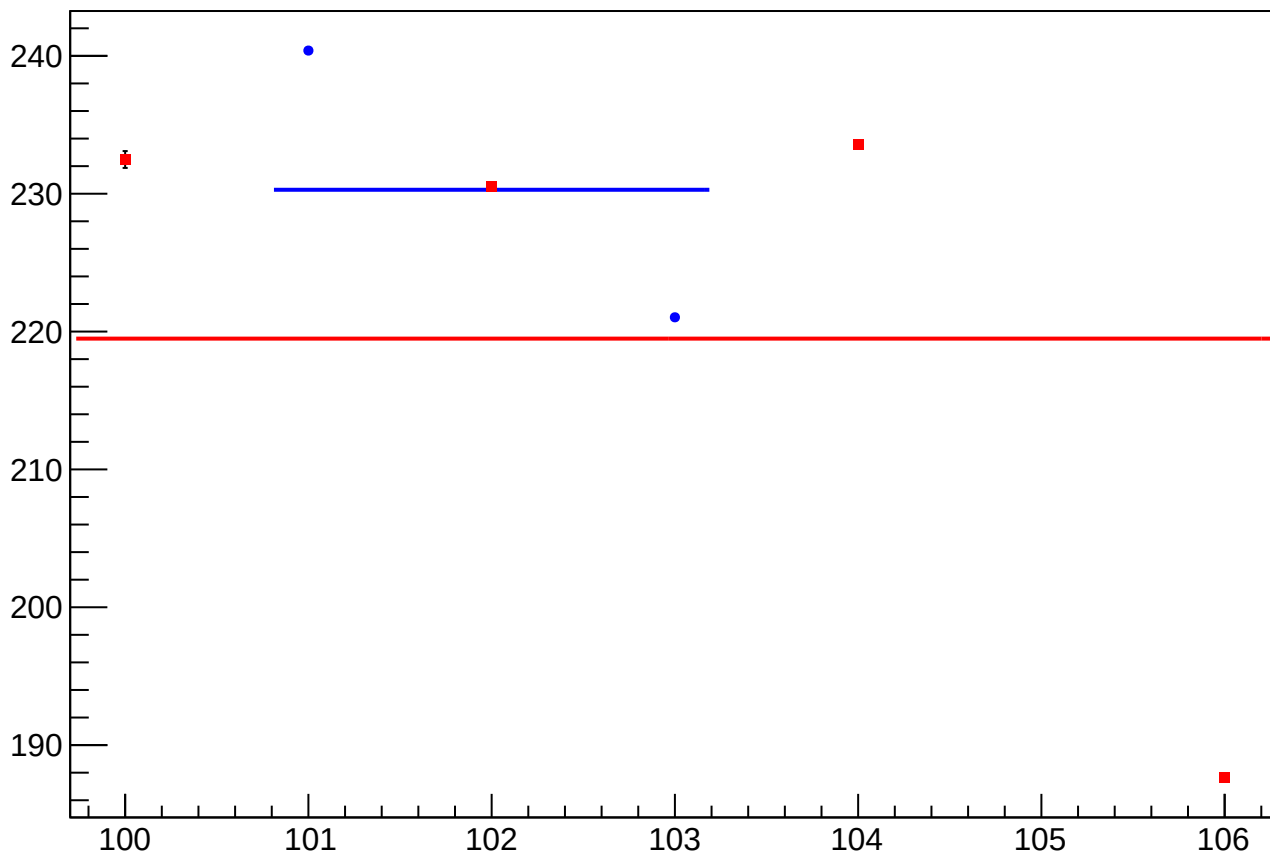
Right: -260.184 $\pm$ 134.120 χ^2 /NDF: 4.9/5

In: -108.809 $\pm$ 205.435 χ^2 /NDF: 1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -260.184 $\pm$ 134.120 χ^2 /NDF: 4.9/5

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 230.286+/-0.145 χ^2/NDF : 4427.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.489+/-0.125 χ^2/NDF : 25306.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

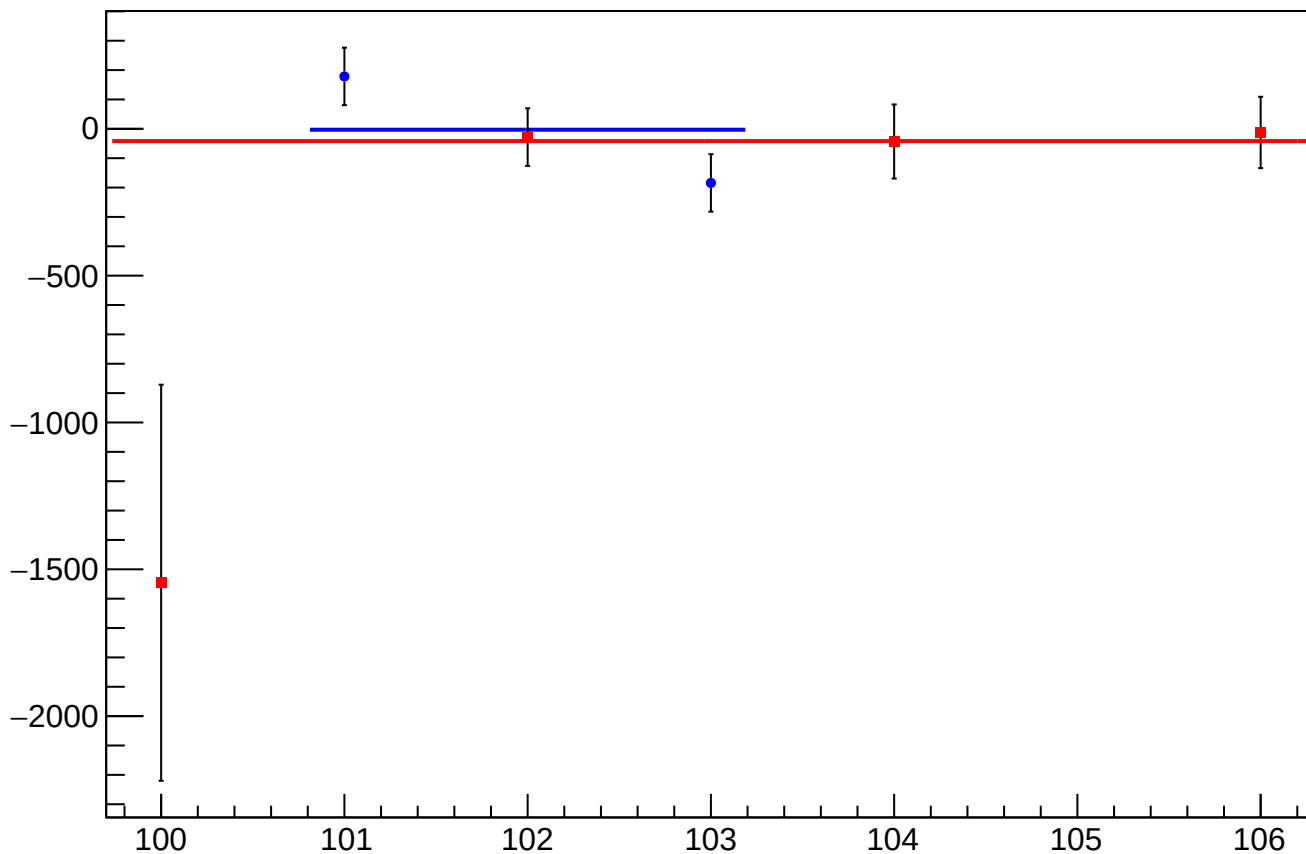
Right: 224.091+/-0.095 χ^2/NDF : 32904.3/5

In: 230.286+/-0.145 χ^2/NDF : 4427.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.091+/-0.095 χ^2/NDF : 32904.3/5

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: -3.002+/-69.211 χ^2/NDF : 6.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.711+/-64.995 χ^2/NDF : 5.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

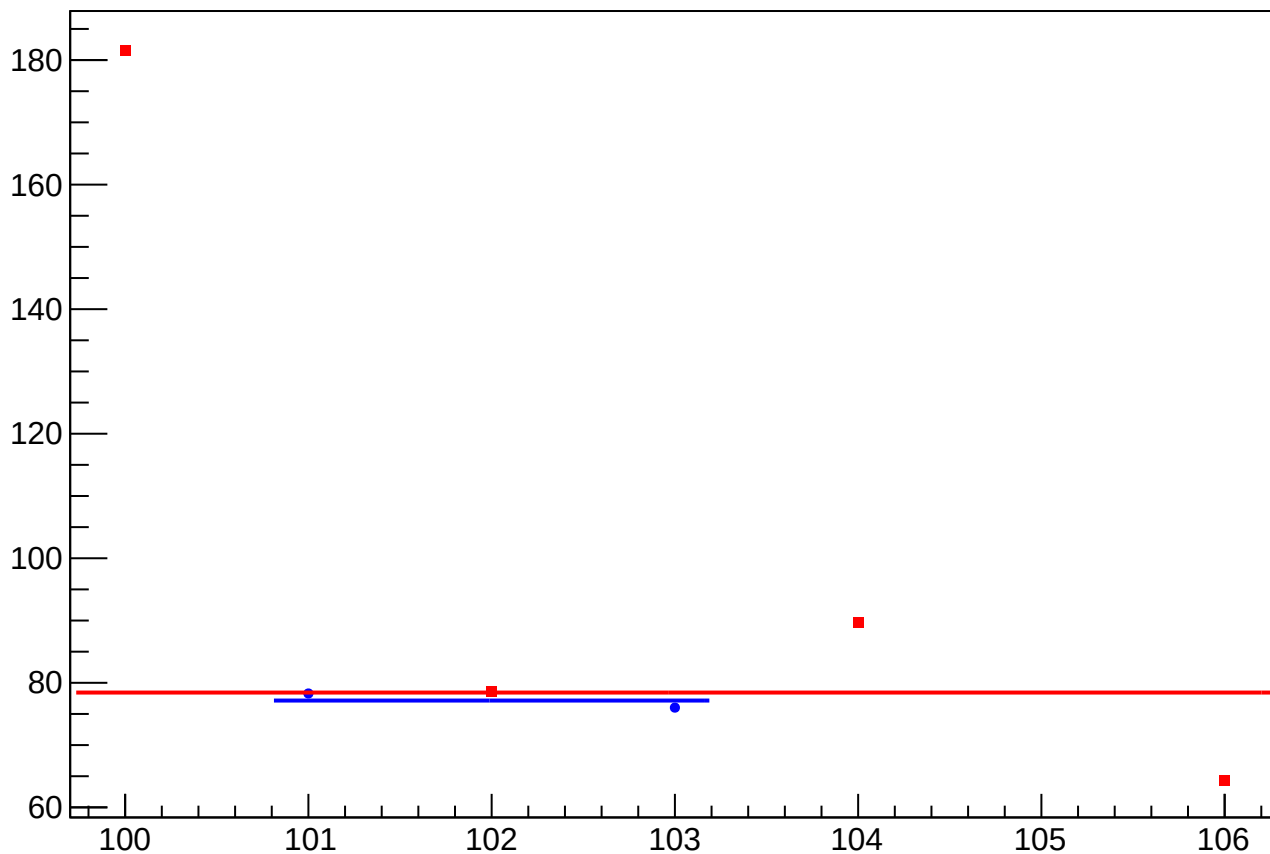
Right: -23.572+/-47.379 χ^2/NDF : 12.1/5

In: -3.002+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.572+/-47.379 χ^2/NDF : 12.1/5

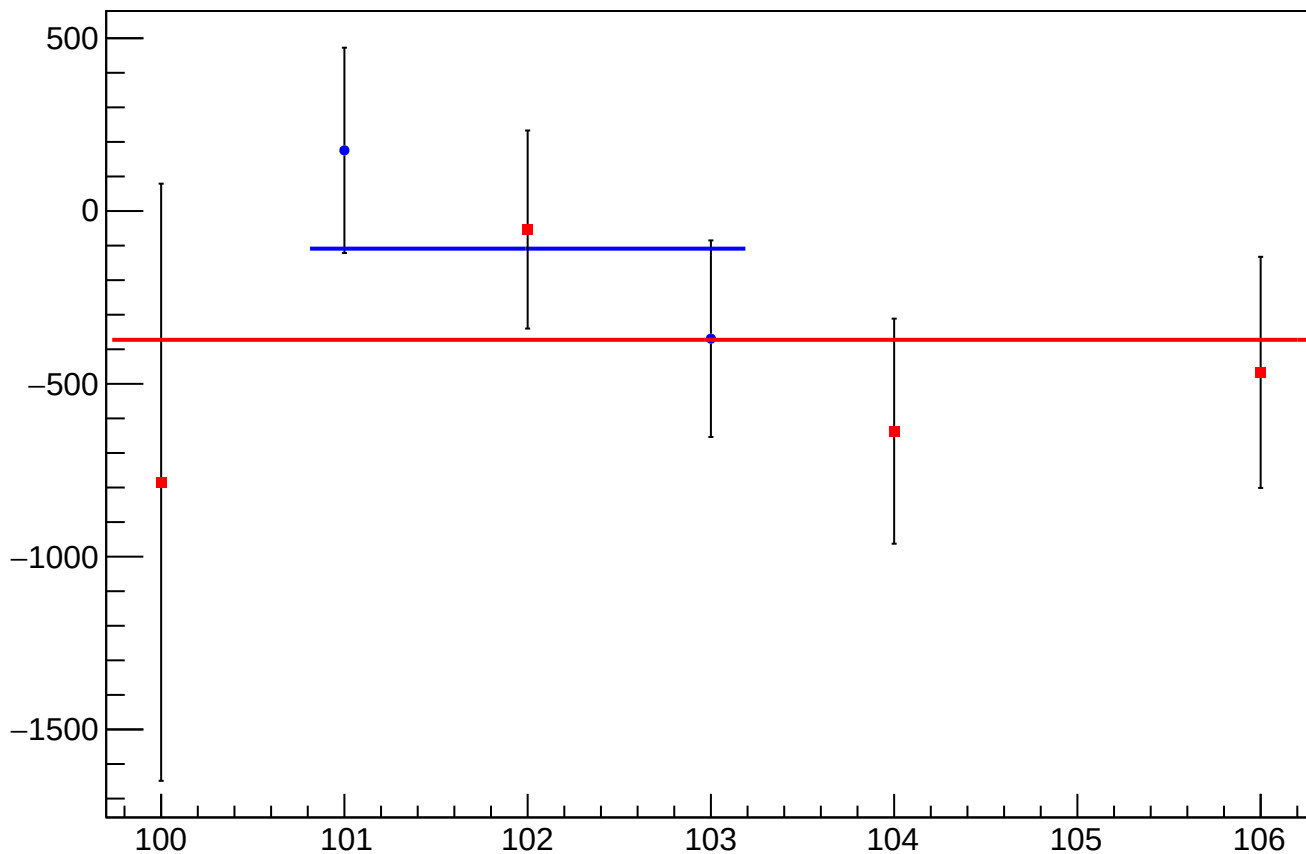
eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.151+/-0.049 χ^2/NDF : 539.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 78.436+/-0.046 χ^2/NDF : 89583.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 77.834+/-0.034 χ^2/NDF : 90489.5/5
 In: 77.151+/-0.049 χ^2/NDF : 539.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 77.834+/-0.034 χ^2/NDF : 90489.5/5

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.810 ± 205.435 $\chi^2/\text{NDF}: 1.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -372.631 ± 177.061 $\chi^2/\text{NDF}: 2.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

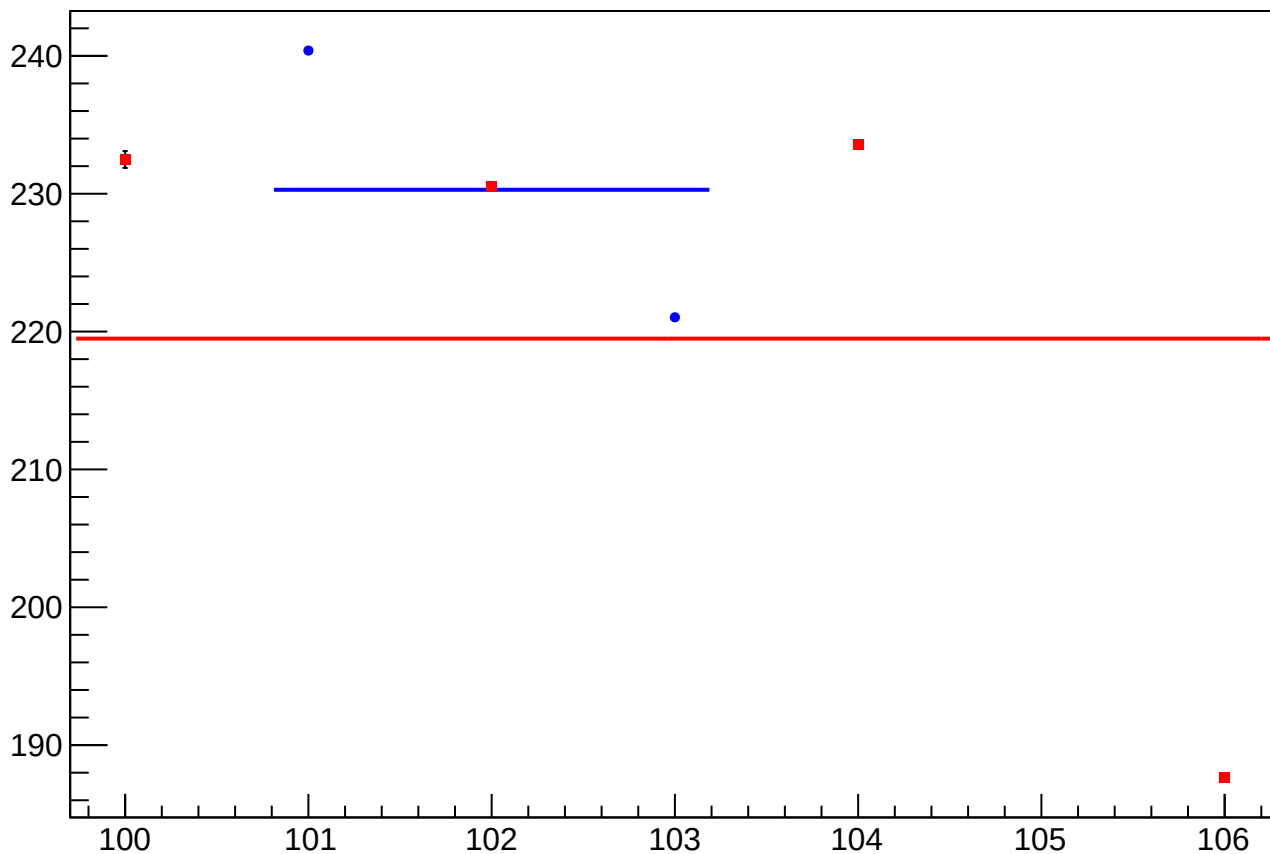
Right: -260.185 ± 134.120 $\chi^2/\text{NDF}: 4.9/5$

In: -108.810 ± 205.435 $\chi^2/\text{NDF}: 1.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -260.185 ± 134.120 $\chi^2/\text{NDF}: 4.9/5$

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 230.287 ± 0.145 $\chi^2/\text{NDF}: 4427.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 219.489 ± 0.125 $\chi^2/\text{NDF}: 25306.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

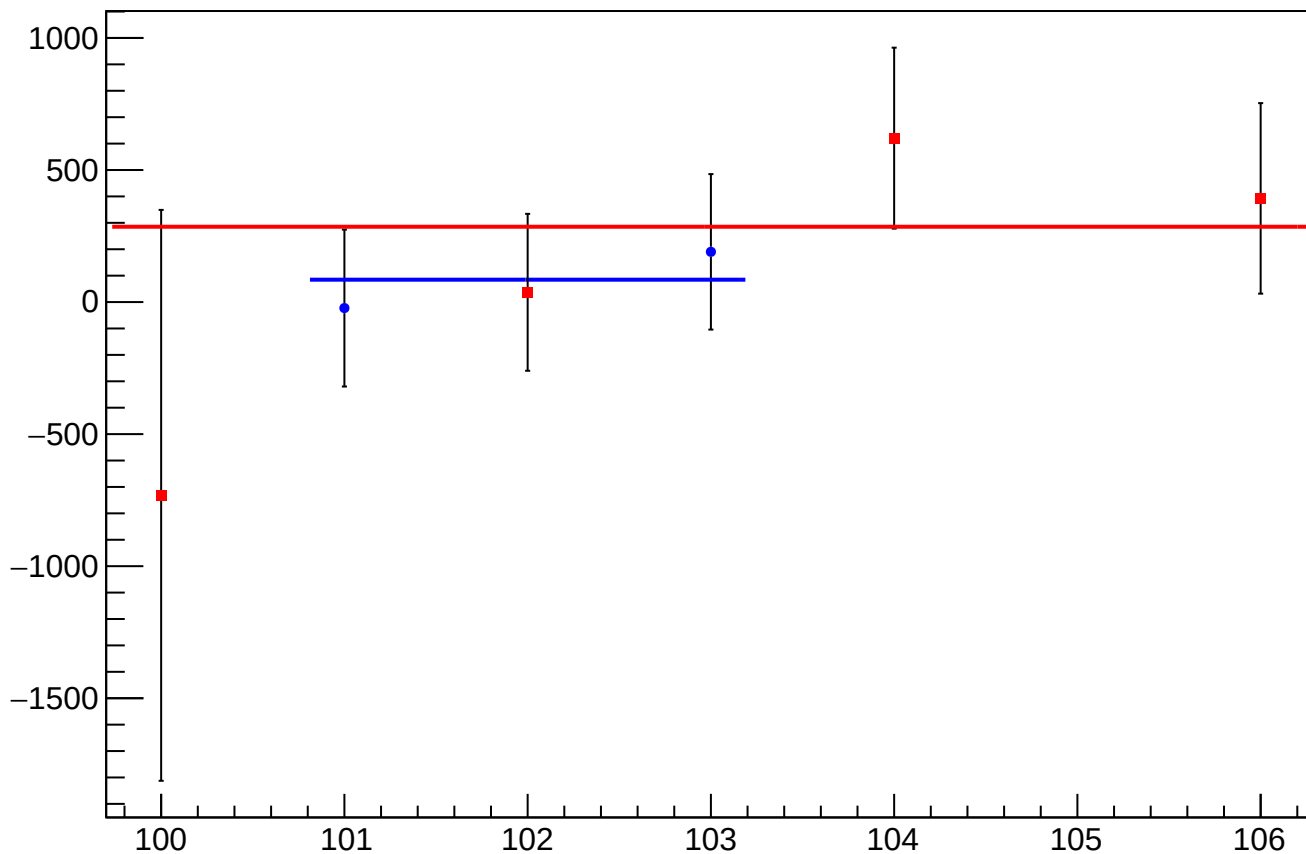
Right: 224.091 ± 0.095 $\chi^2/\text{NDF}: 32904.2/5$

In: 230.287 ± 0.145 $\chi^2/\text{NDF}: 4427.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 224.091 ± 0.095 $\chi^2/\text{NDF}: 32904.2/5$

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 84.739+/-209.097 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.218+/-187.654 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

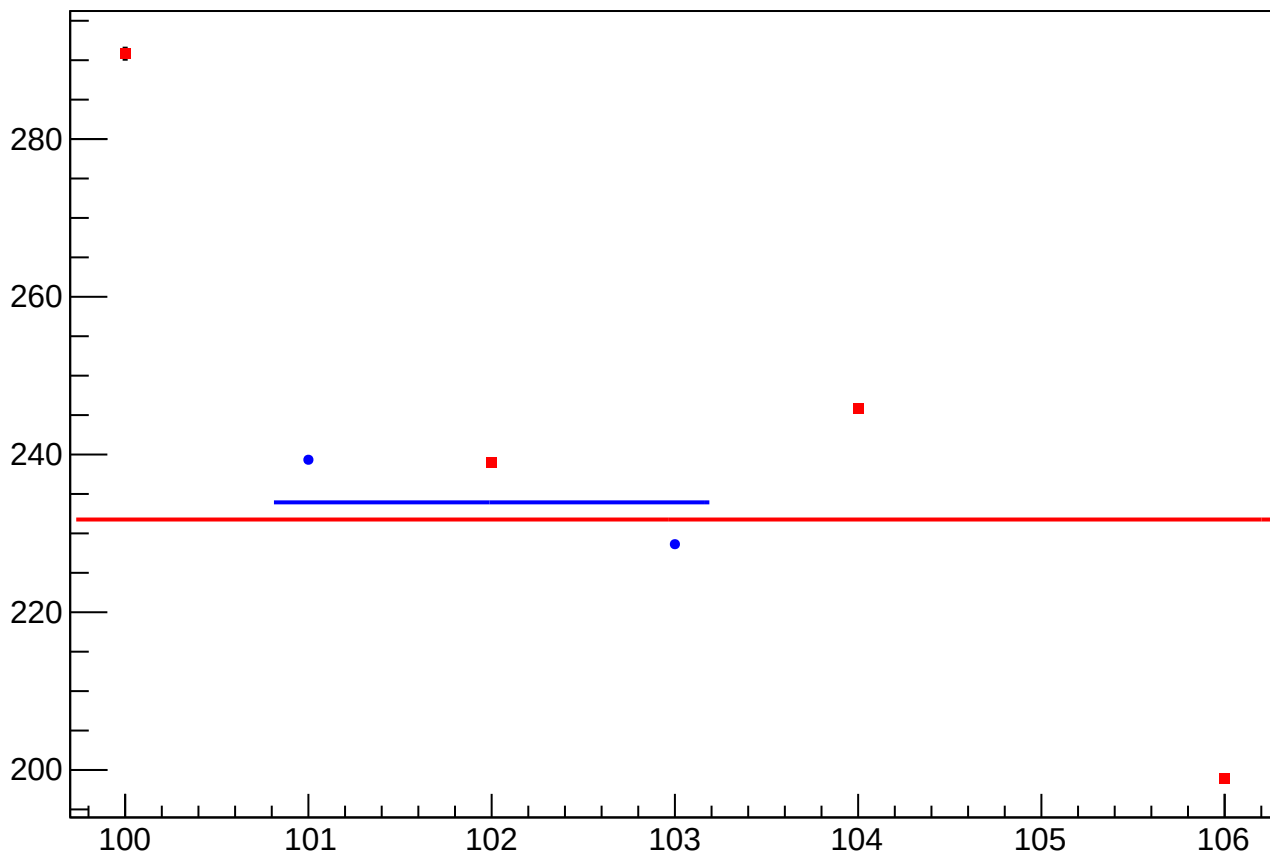
Right: 195.782+/-139.659 χ^2/NDF : 3.4/5

In: 84.739+/-209.097 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.782+/-139.659 χ^2/NDF : 3.4/5

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 233.934 $\pm$ 0.148 χ^2 /NDF: 1310.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 231.759 $\pm$ 0.133 χ^2 /NDF: 27147.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

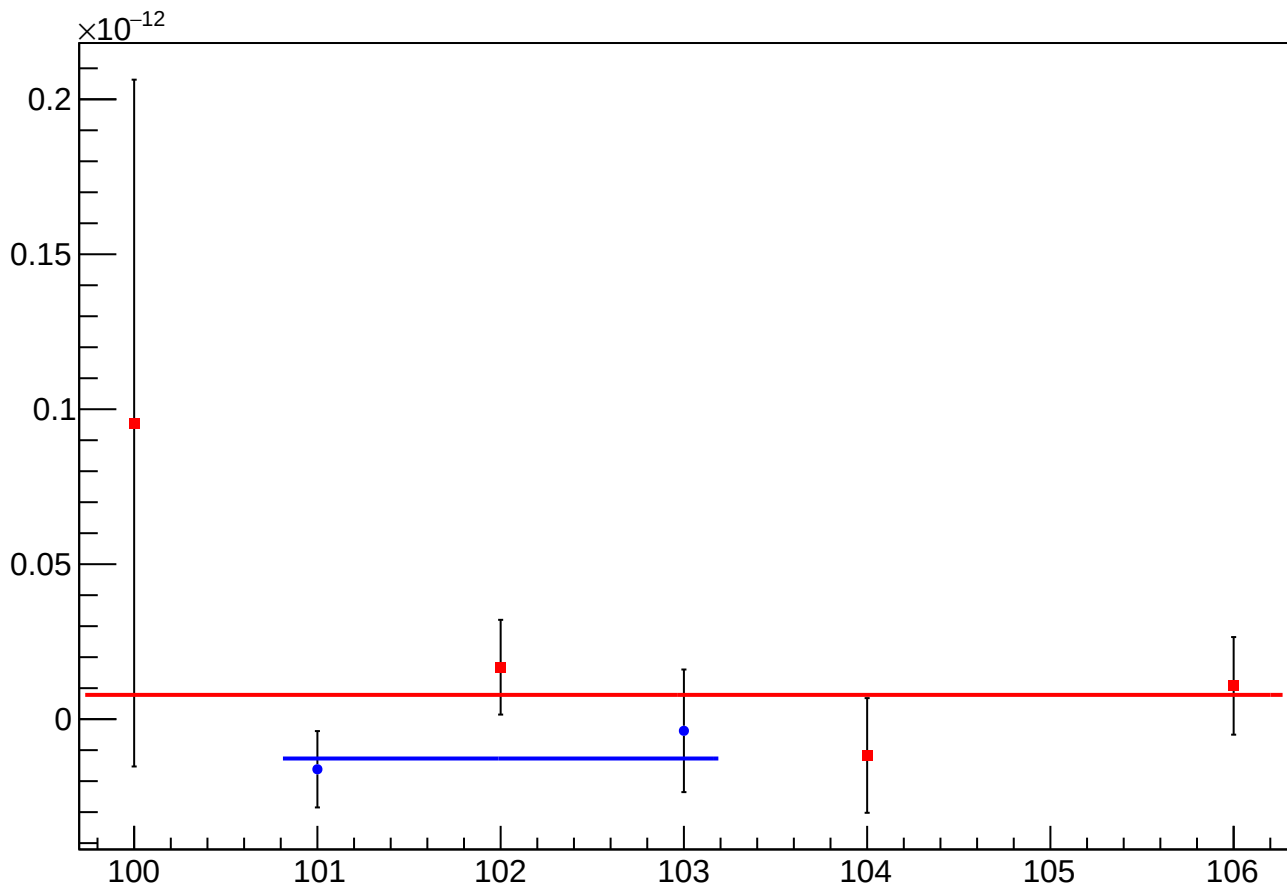
Right: 232.729 $\pm$ 0.099 χ^2 /NDF: 28577.9/5

In: 233.934 $\pm$ 0.148 χ^2 /NDF:1310.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.729 $\pm$ 0.099 χ^2 /NDF: 28577.9/5

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

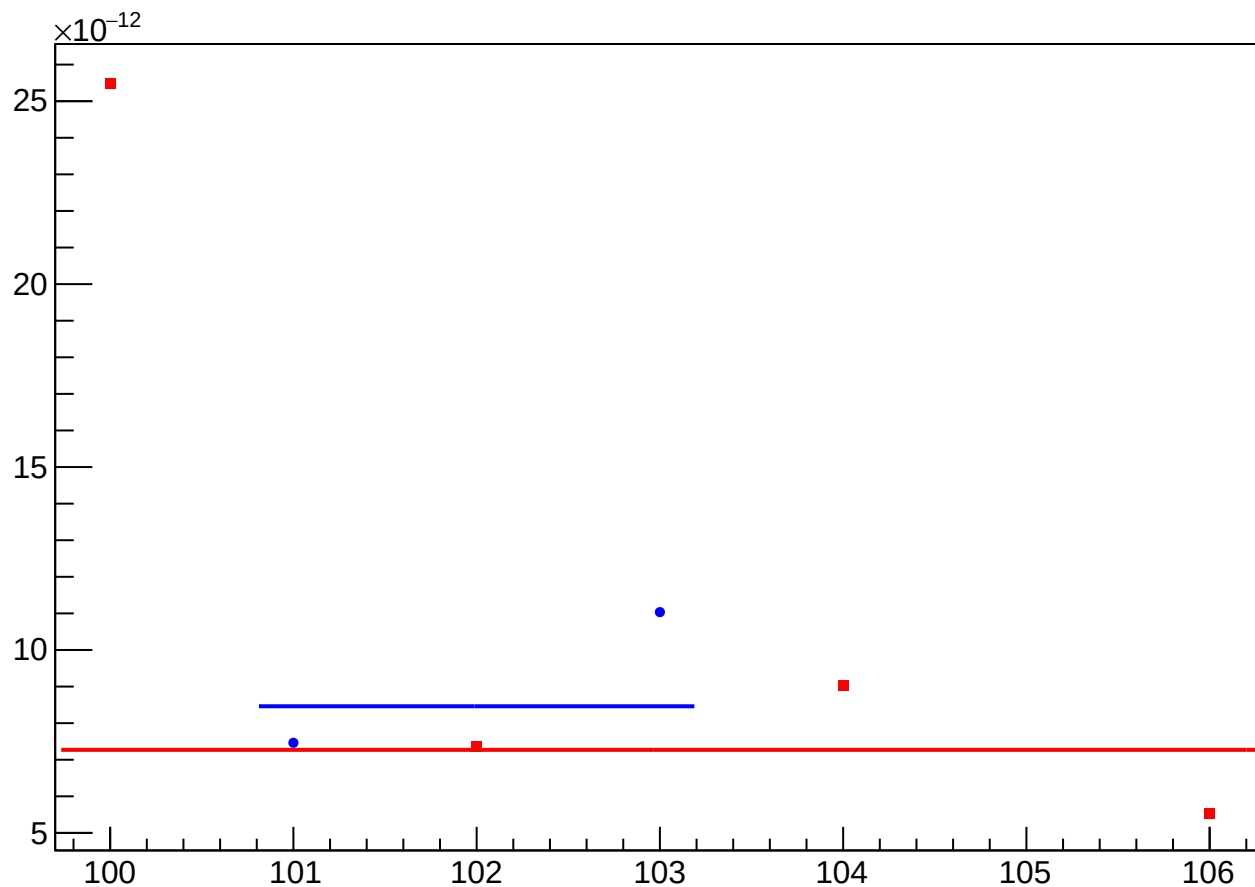
Right: -0.000+/-0.000 χ^2/NDF : 4.5/5

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.5/5

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46988.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 96270.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

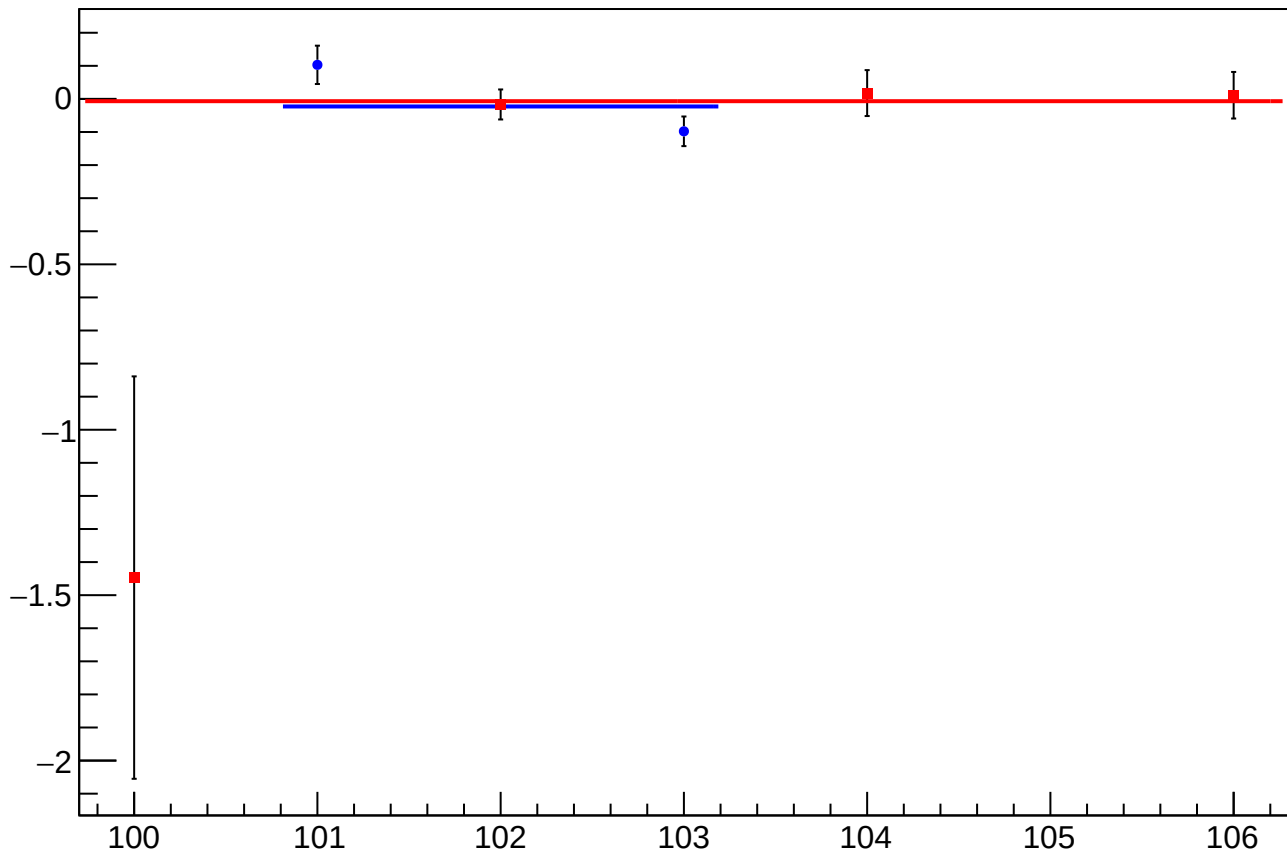
Right: 0.000+/-0.000 χ^2/NDF : 157619.3/5

In: 0.000+/-0.000 χ^2/NDF : 46988.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 157619.3/5

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.033 χ^2/NDF : 5.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

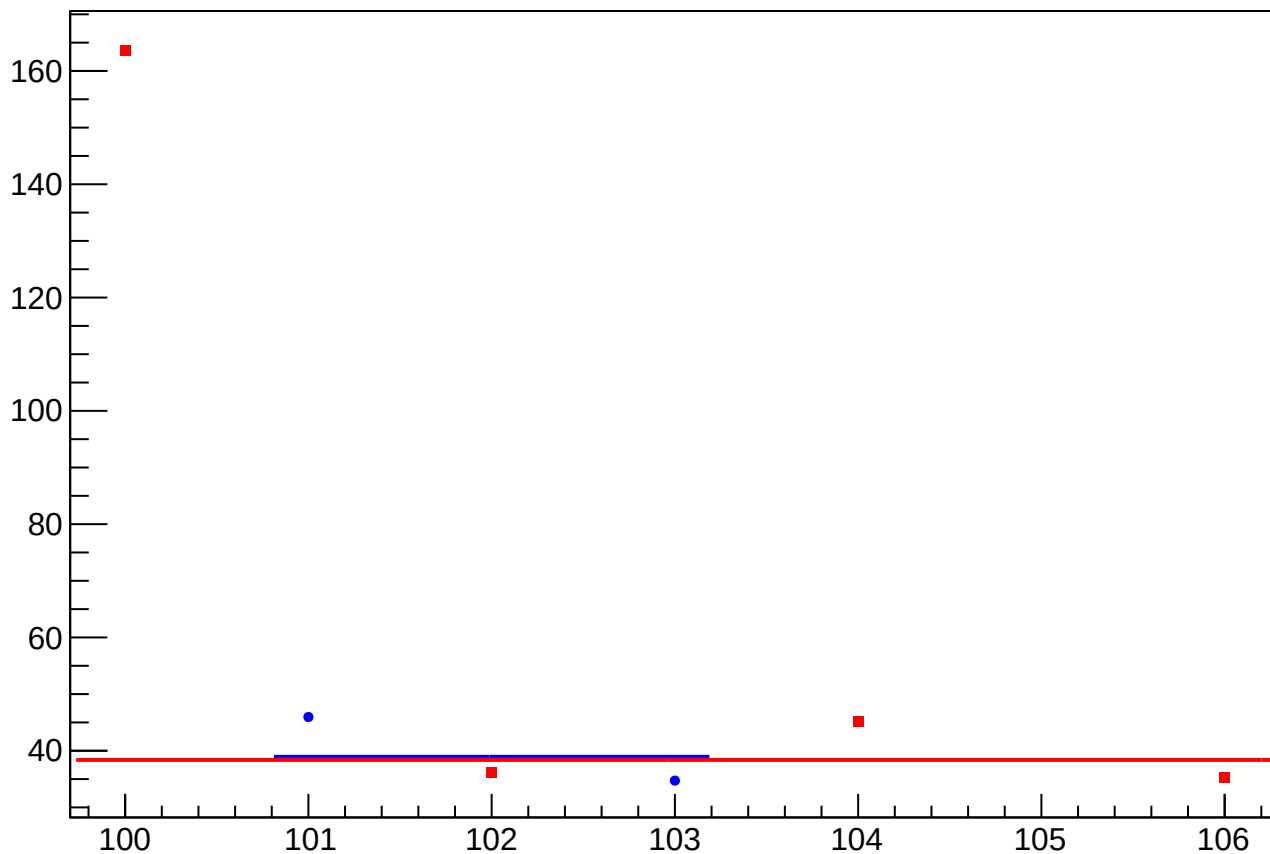
Right: -0.014+/-0.024 χ^2/NDF : 13.5/5

In: -0.023+/-0.035 χ^2/NDF :7.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.024 χ^2/NDF : 13.5/5

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.385+/-0.024 χ^2/NDF : 112917.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

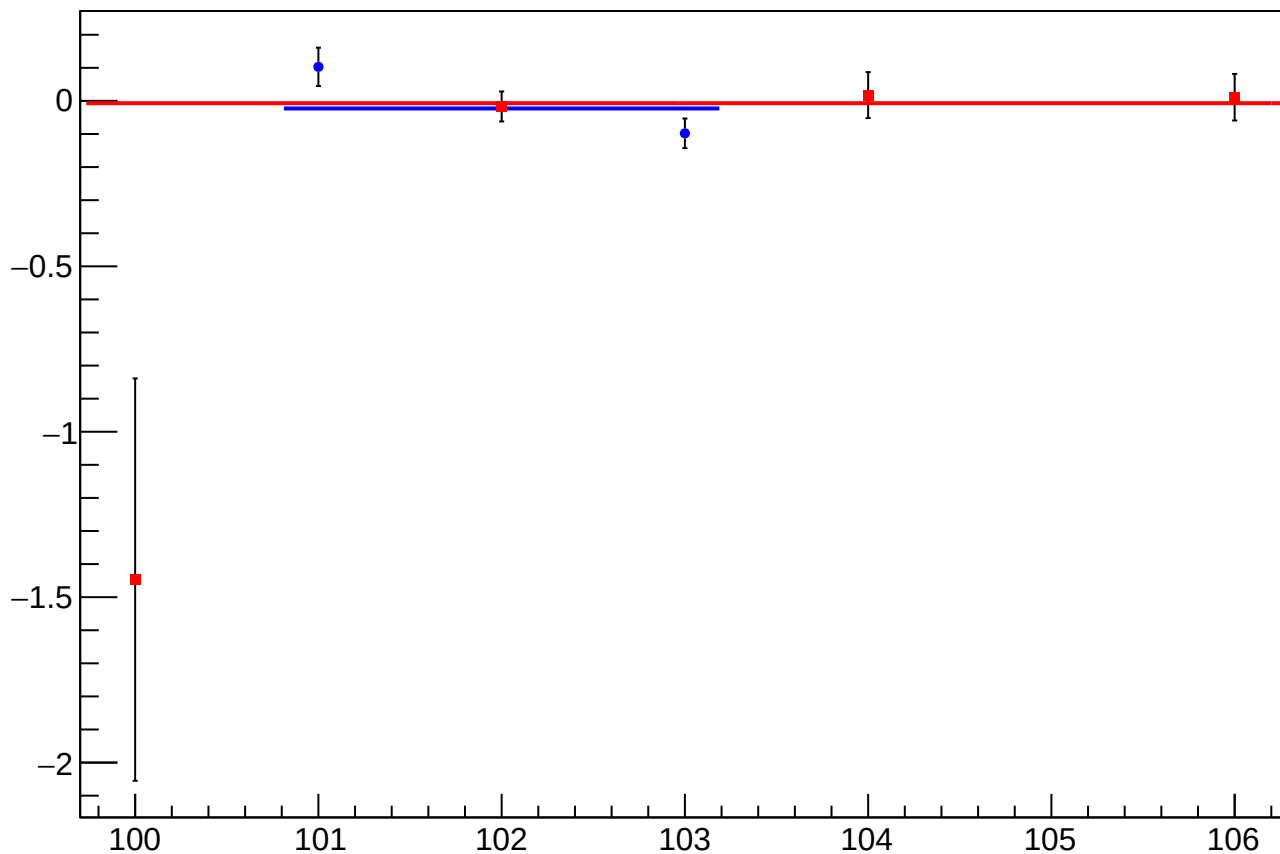
Right: 38.638+/-0.017 χ^2/NDF : 160163.6/5

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.638+/-0.017 χ^2/NDF : 160163.6/5

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2 /NDF: 7.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.007+/-0.033 χ^2 /NDF: 5.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

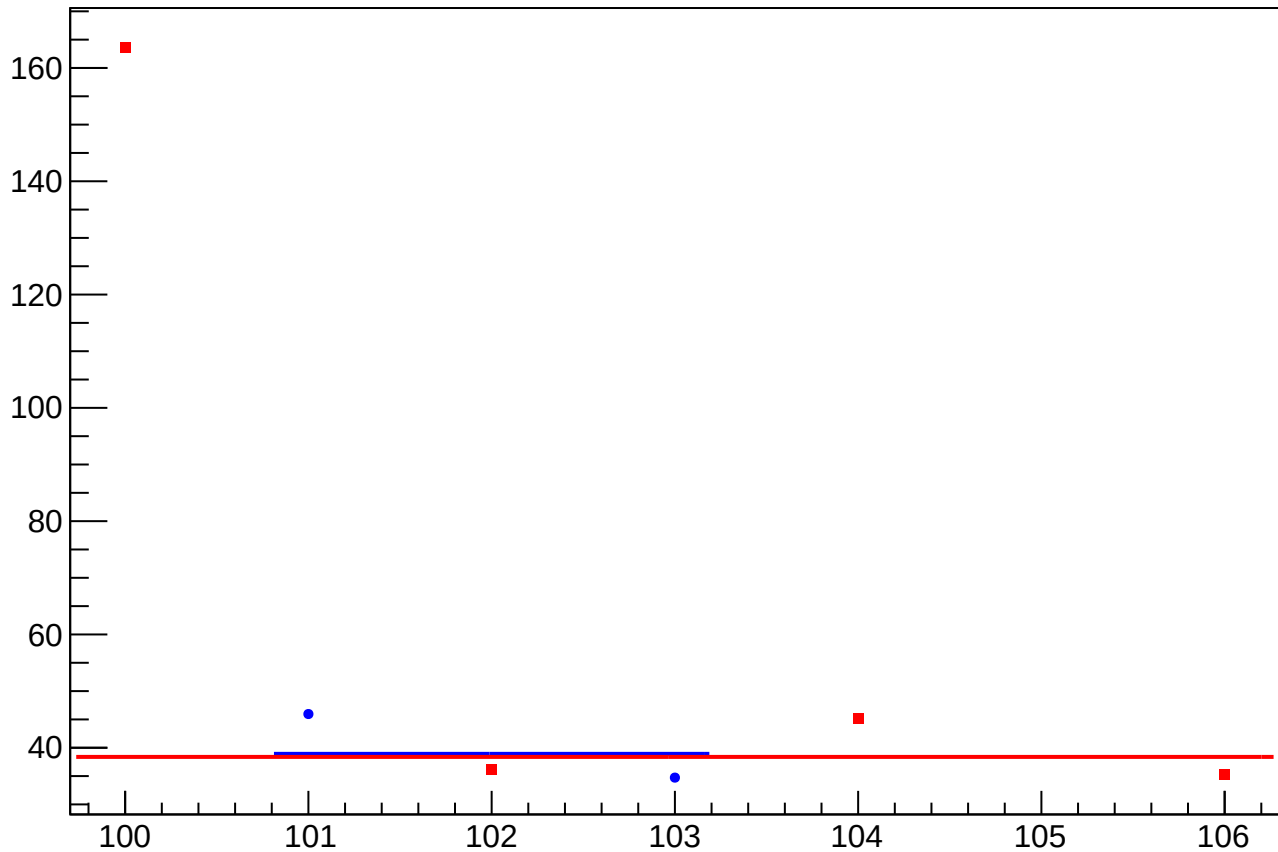
Right: -0.014+/-0.024 χ^2 /NDF: 13.5/5

In: -0.023+/-0.035 χ^2 /NDF:7.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.014+/-0.024 χ^2 /NDF: 13.5/5

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.385+/-0.024 χ^2/NDF : 112917.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

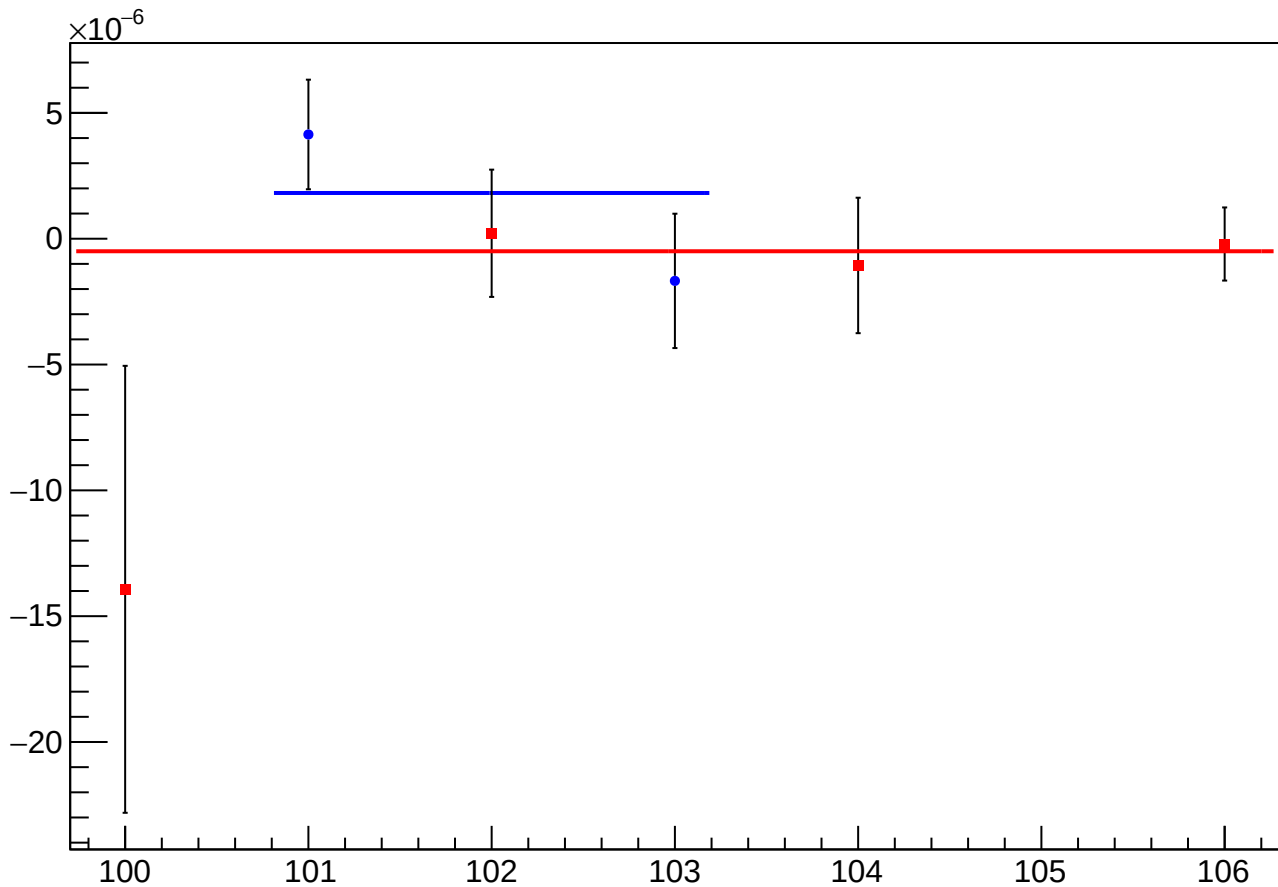
Right: 38.638+/-0.017 χ^2/NDF : 160163.6/5

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.638+/-0.017 χ^2/NDF : 160163.6/5

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

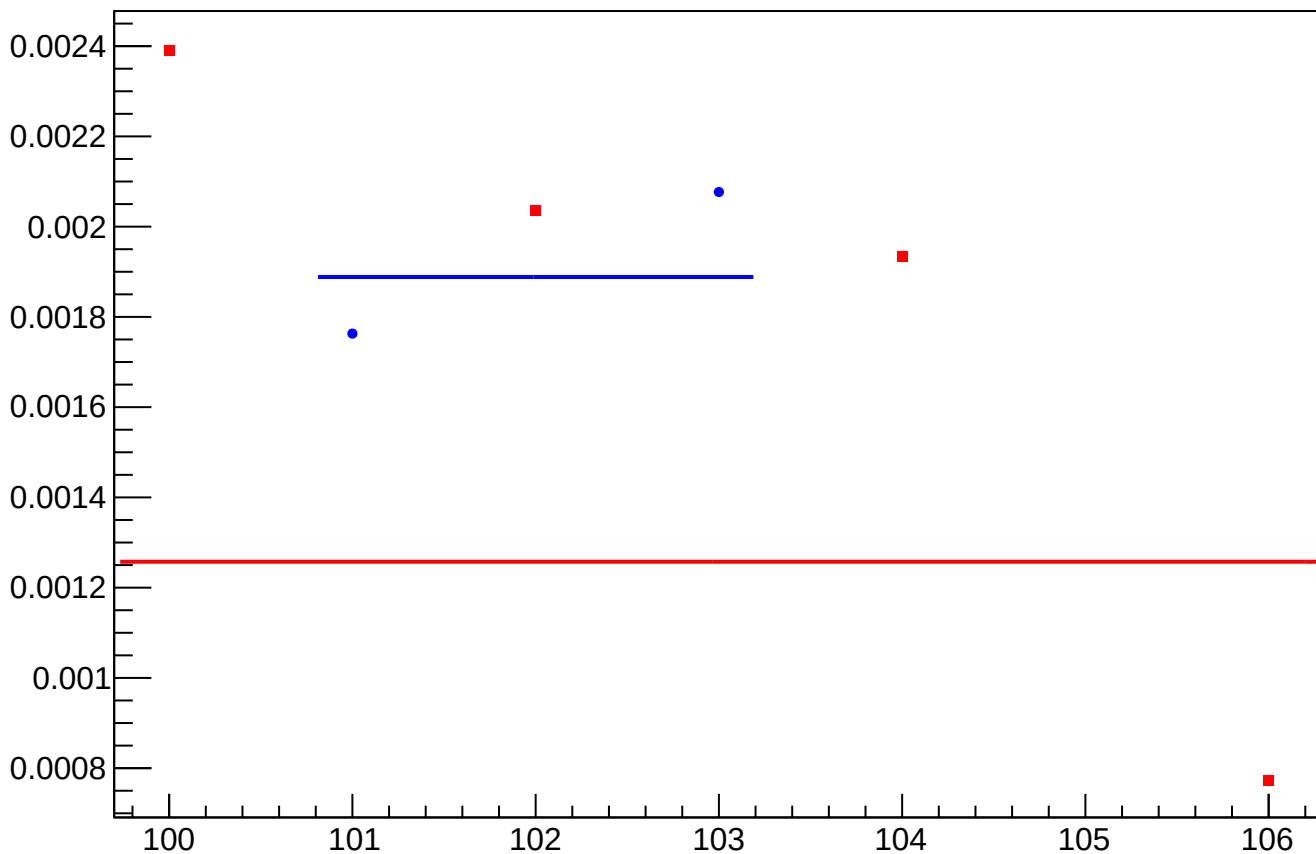
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/5

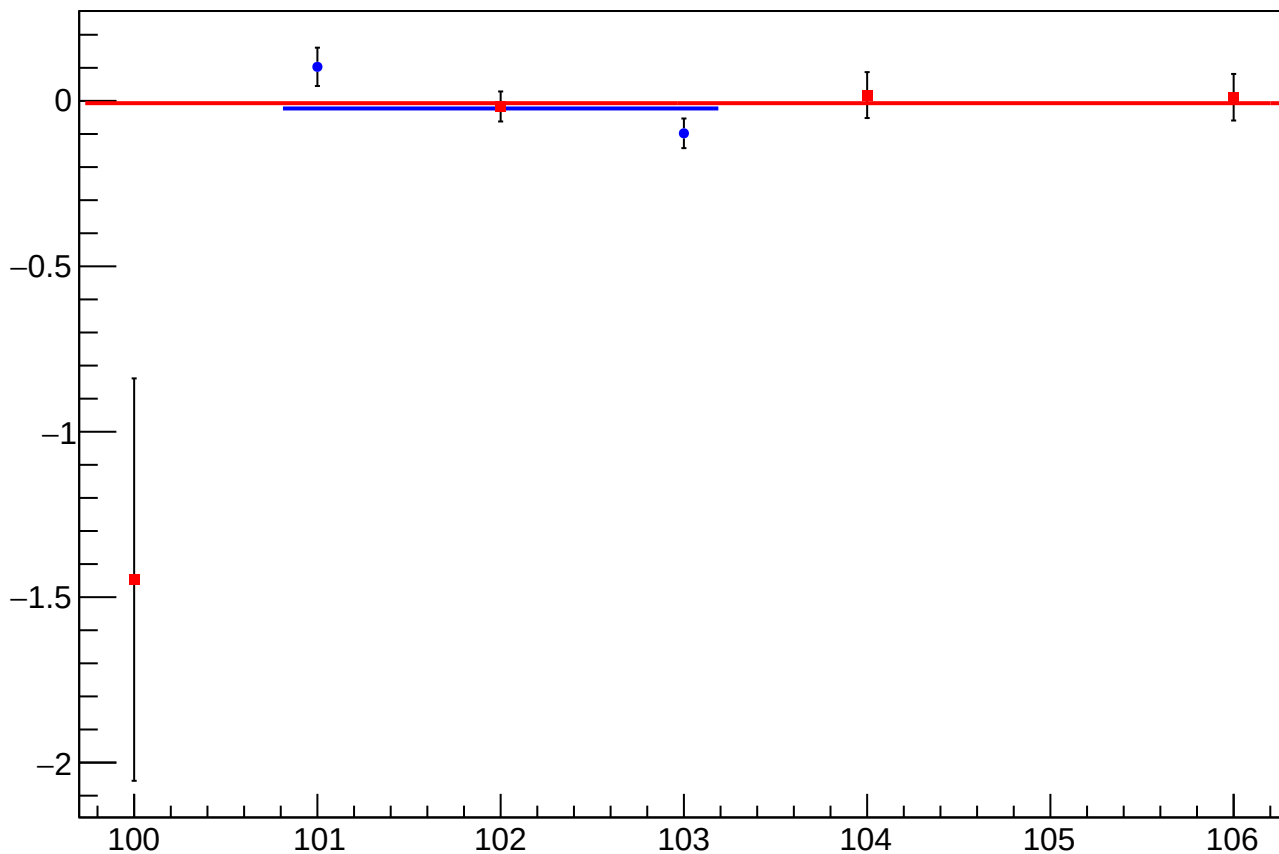
asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 16591.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 570587.2/3
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 780029.0/5
 In: 0.002+/-0.000 χ^2/NDF :16591.2/1
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 780029.0/5

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.033 χ^2/NDF : 5.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

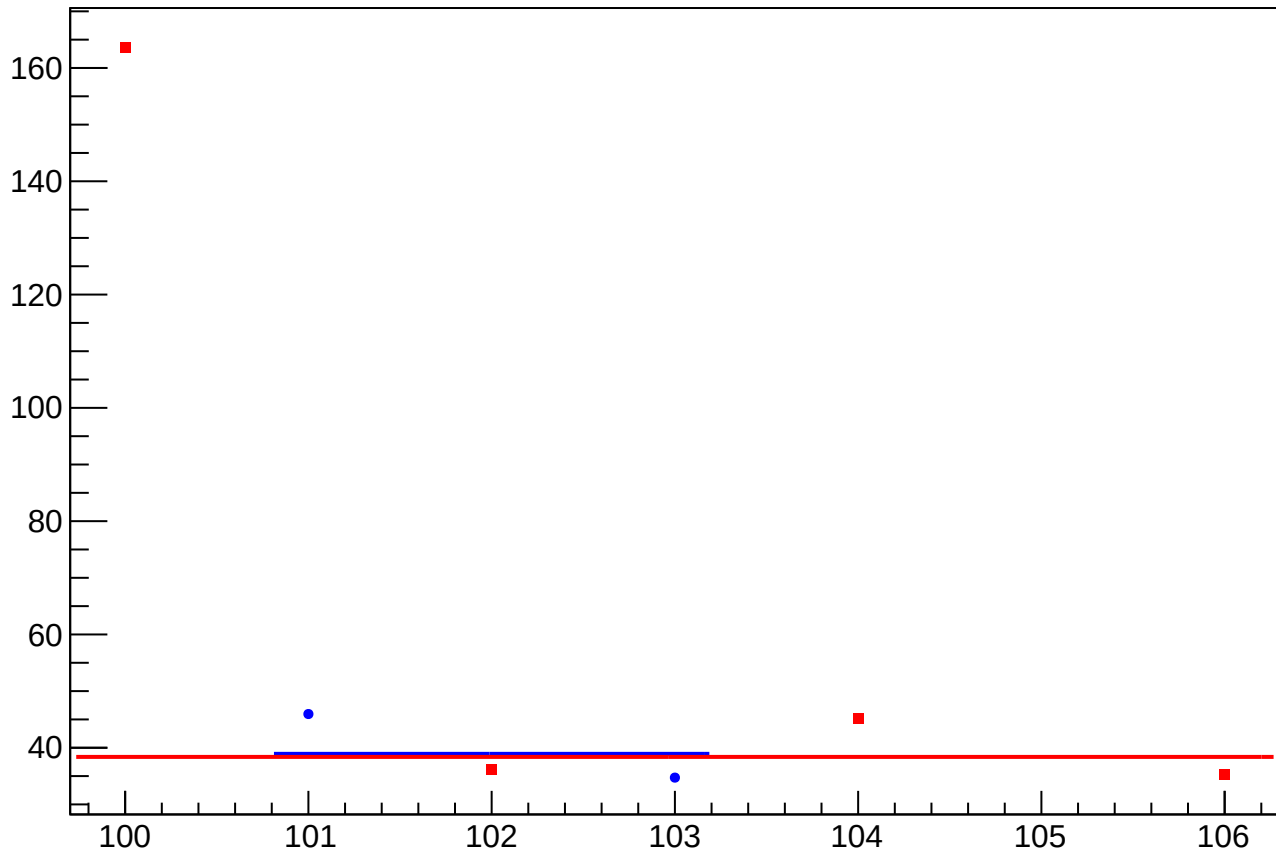
Right: -0.014+/-0.024 χ^2/NDF : 13.5/5

In: -0.023+/-0.035 χ^2/NDF :7.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.024 χ^2/NDF : 13.5/5

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.385+/-0.024 χ^2/NDF : 112921.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

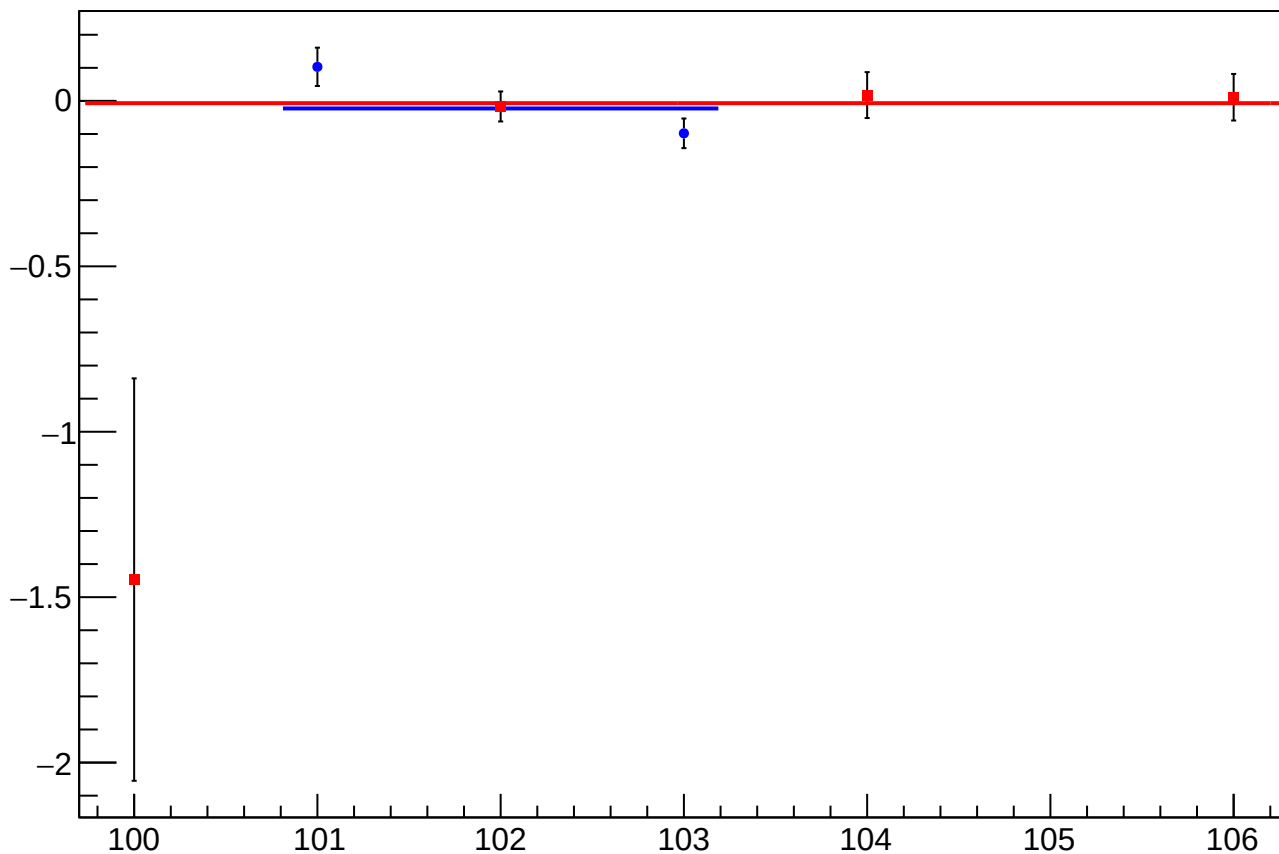
Right: 38.639+/-0.017 χ^2/NDF : 160170.2/5

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.639+/-0.017 χ^2/NDF : 160170.2/5

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.007+/-0.033 χ^2/NDF : 5.8/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

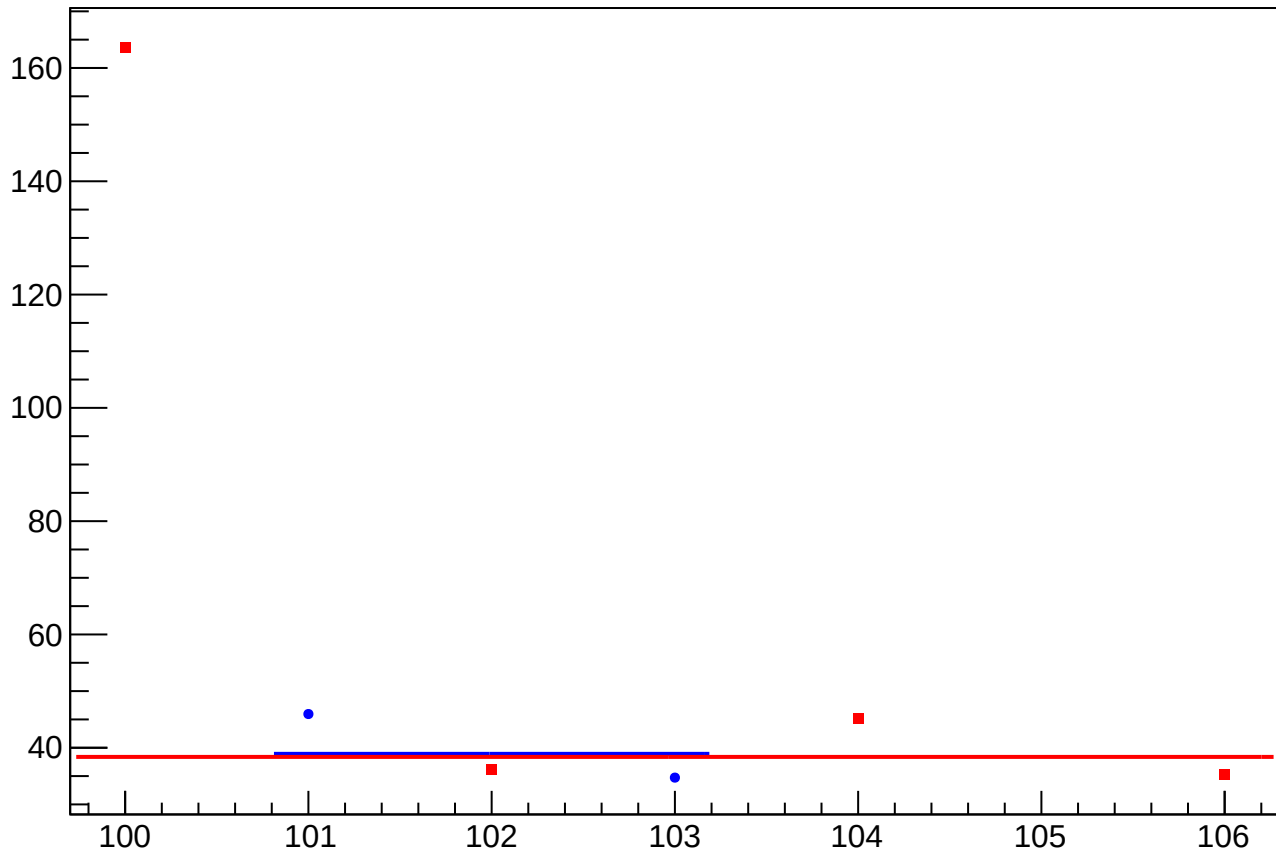
Right: -0.014+/-0.024 χ^2/NDF : 13.5/5

In: -0.023+/-0.035 χ^2/NDF :7.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.014+/-0.024 χ^2/NDF : 13.5/5

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.385+/-0.024 χ^2/NDF : 112921.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

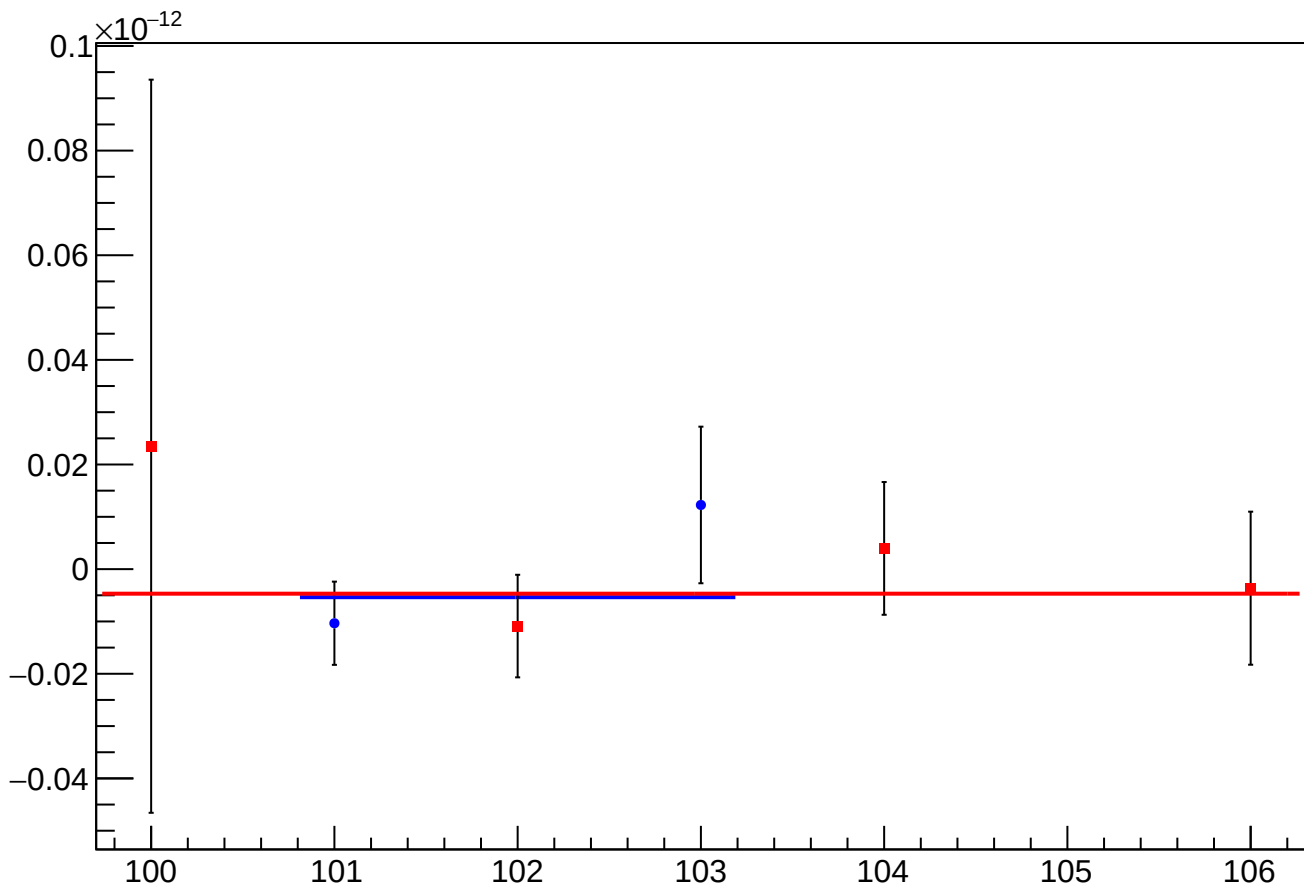
Right: 38.639+/-0.017 χ^2/NDF : 160170.2/5

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.639+/-0.017 χ^2/NDF : 160170.2/5

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

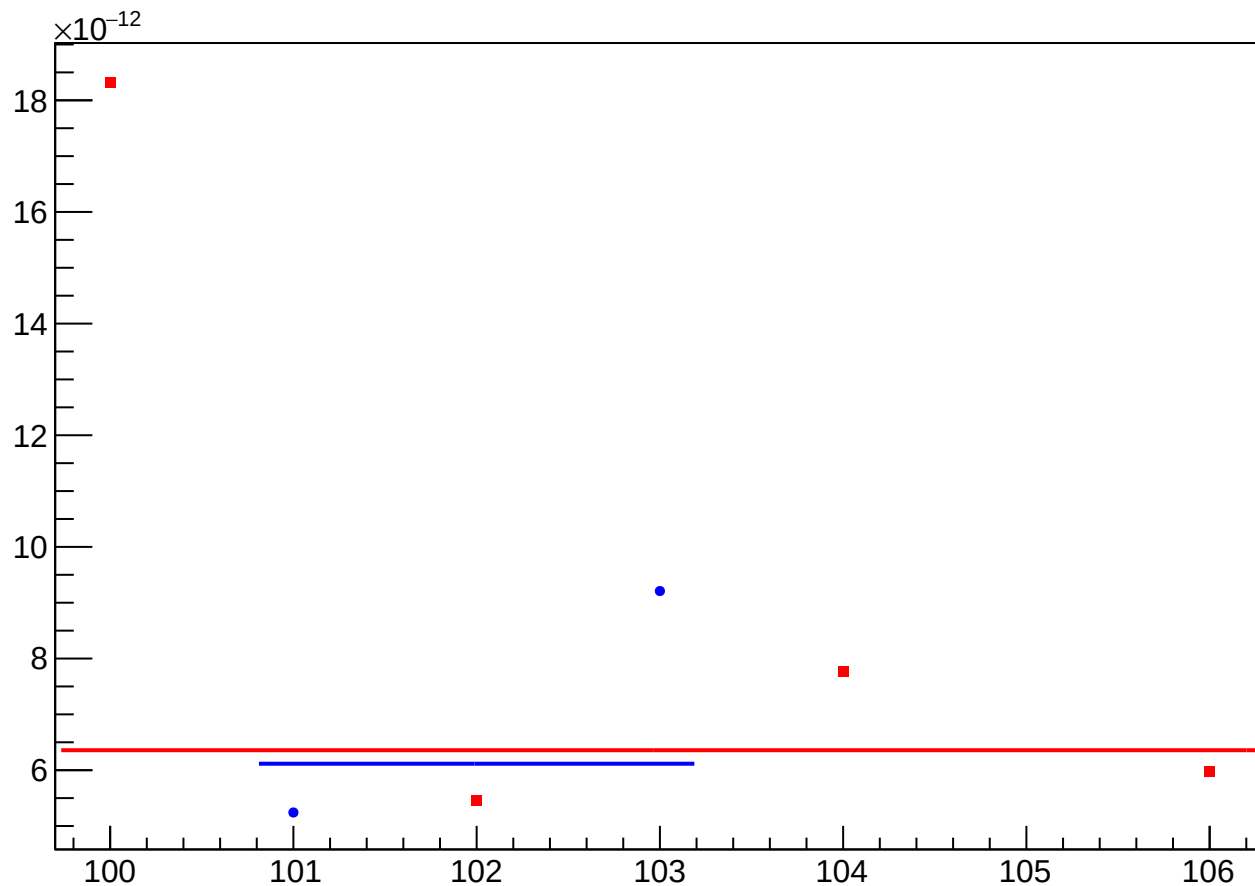
Right: -0.000+/-0.000 χ^2/NDF : 2.8/5

In: -0.000+/-0.000 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/5

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 109566.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 100868.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

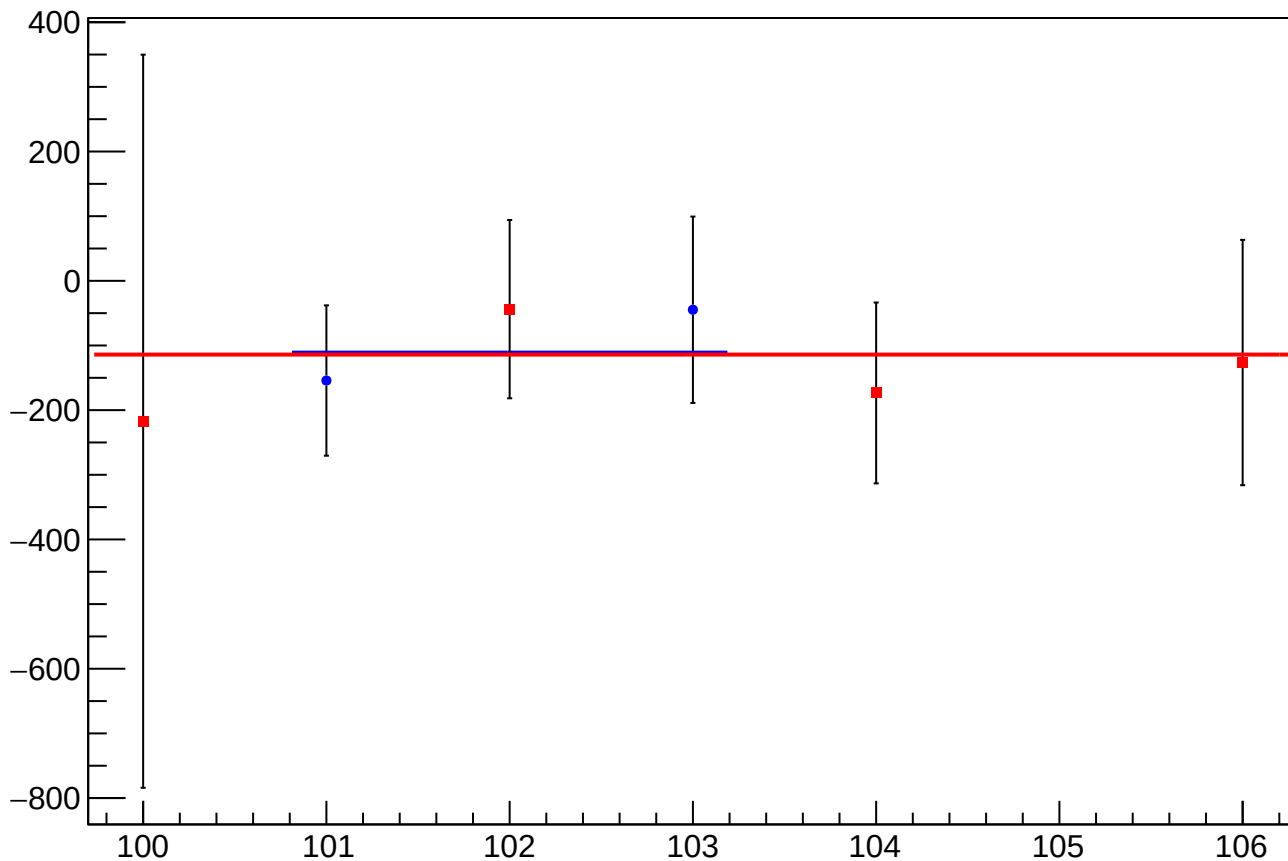
Right: 0.000+/-0.000 χ^2/NDF : 211656.5/5

In: 0.000+/-0.000 χ^2/NDF : 109566.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 211656.5/5

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.034 $\pm$ 90.487 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -114.062 $\pm$ 86.191 χ^2 /NDF: 0.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

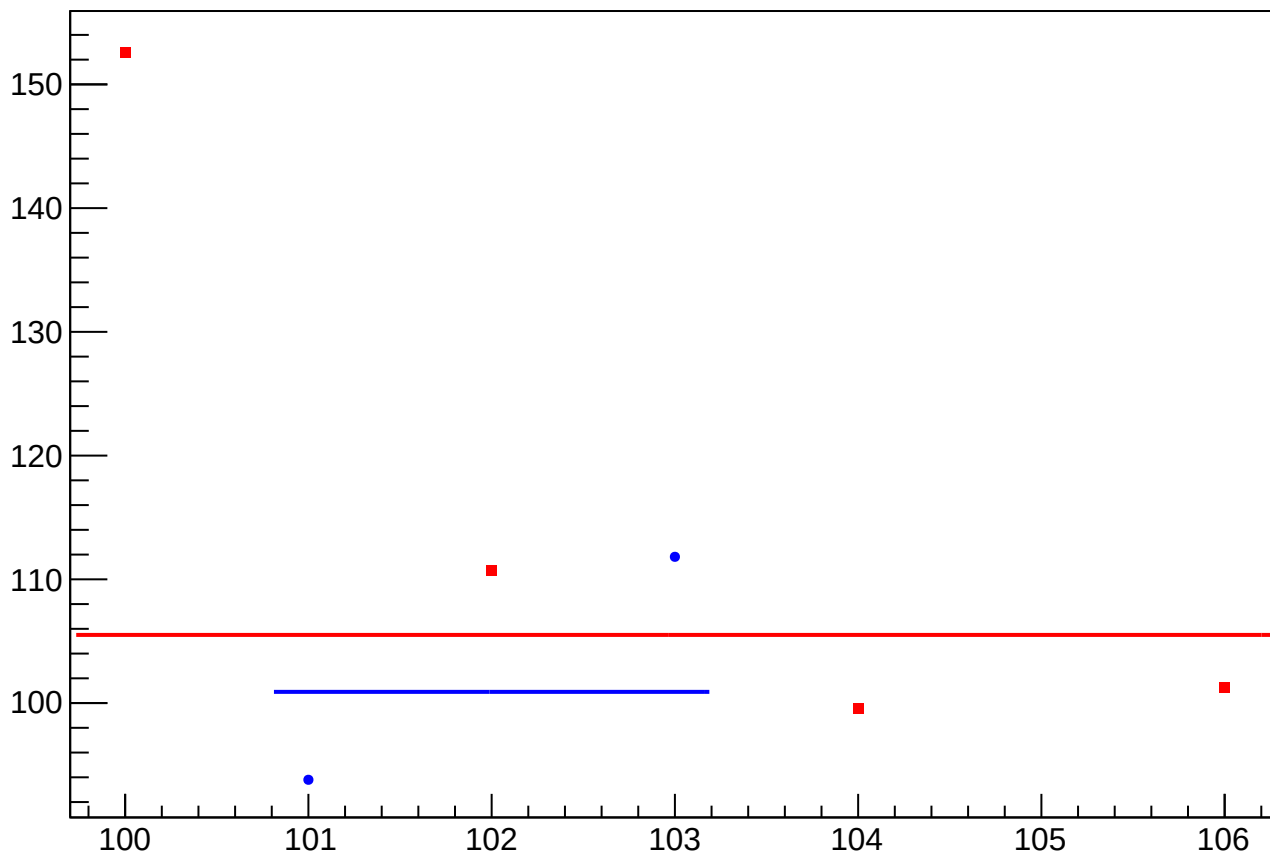
Right: -112.621 $\pm$ 62.410 χ^2 /NDF: 0.8/5

In: -111.034 $\pm$ 90.487 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -112.621 $\pm$ 62.410 χ^2 /NDF: 0.8/5

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.905 $\pm$ 0.064 χ^2 /NDF: 18942.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.508 $\pm$ 0.061 χ^2 /NDF: 21248.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

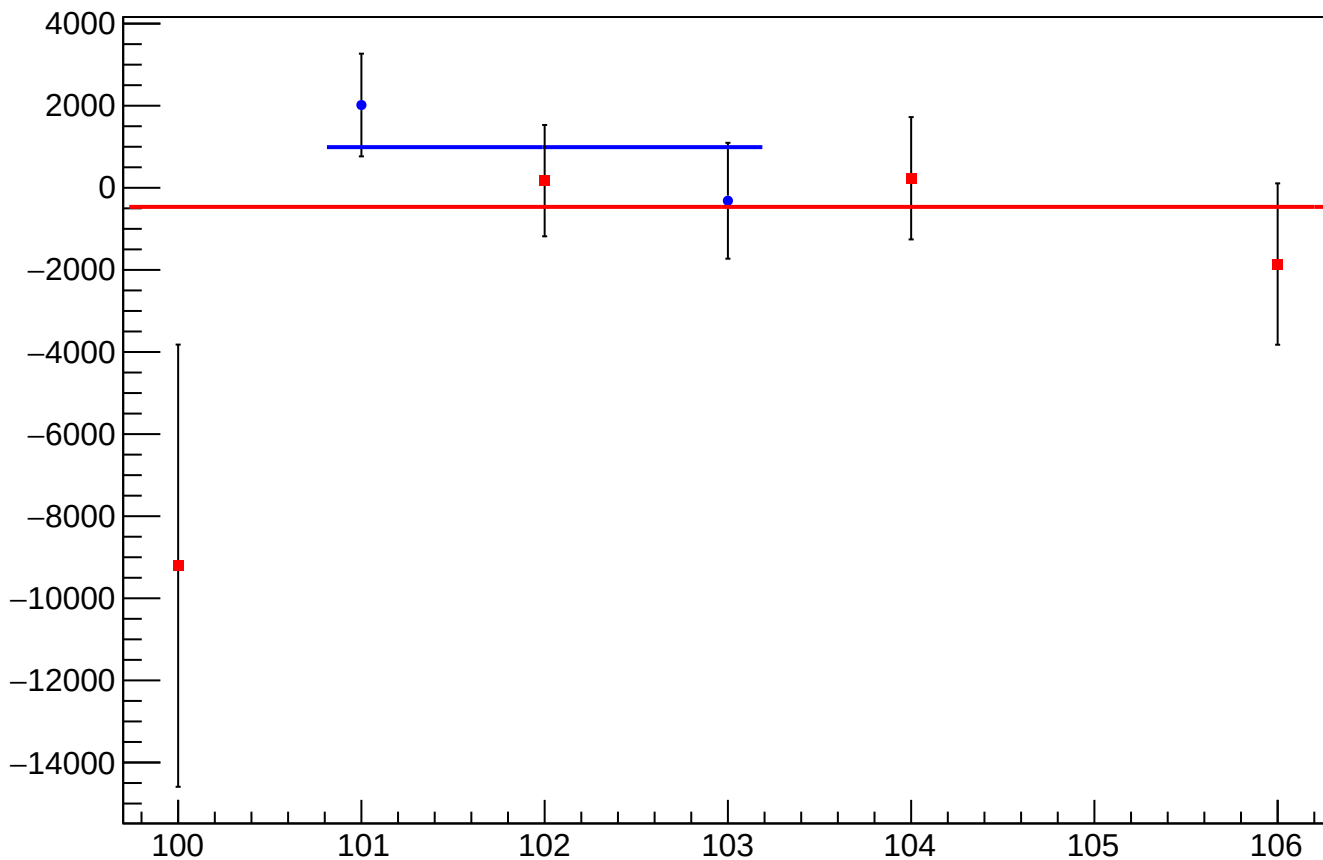
Right: 103.319 $\pm$ 0.044 χ^2 /NDF: 42904.1/5

In: 100.905 $\pm$ 0.064 χ^2 /NDF:18942.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 103.319 $\pm$ 0.044 χ^2 /NDF: 42904.1/5

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 990.638 ± 936.420 $\chi^2/\text{NDF}: 1.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -464.885 ± 881.364 $\chi^2/\text{NDF}: 3.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

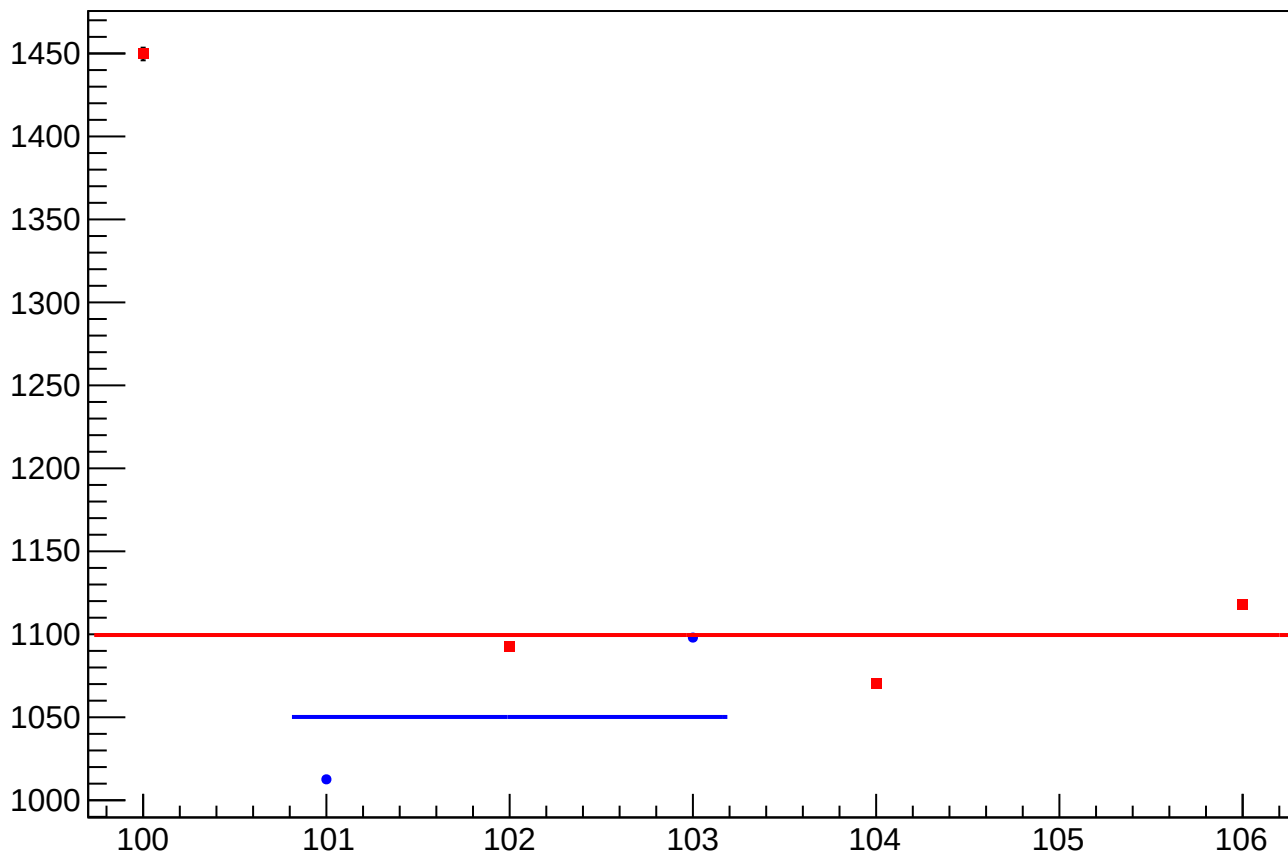
Right: 218.832 ± 641.800 $\chi^2/\text{NDF}: 6.4/5$

In: 990.638 ± 936.420 $\chi^2/\text{NDF}: 1.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 218.832 ± 641.800 $\chi^2/\text{NDF}: 6.4/5$

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1050.189+/-0.662 χ^2/NDF : 4100.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.565+/-0.623 χ^2/NDF : 9429.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

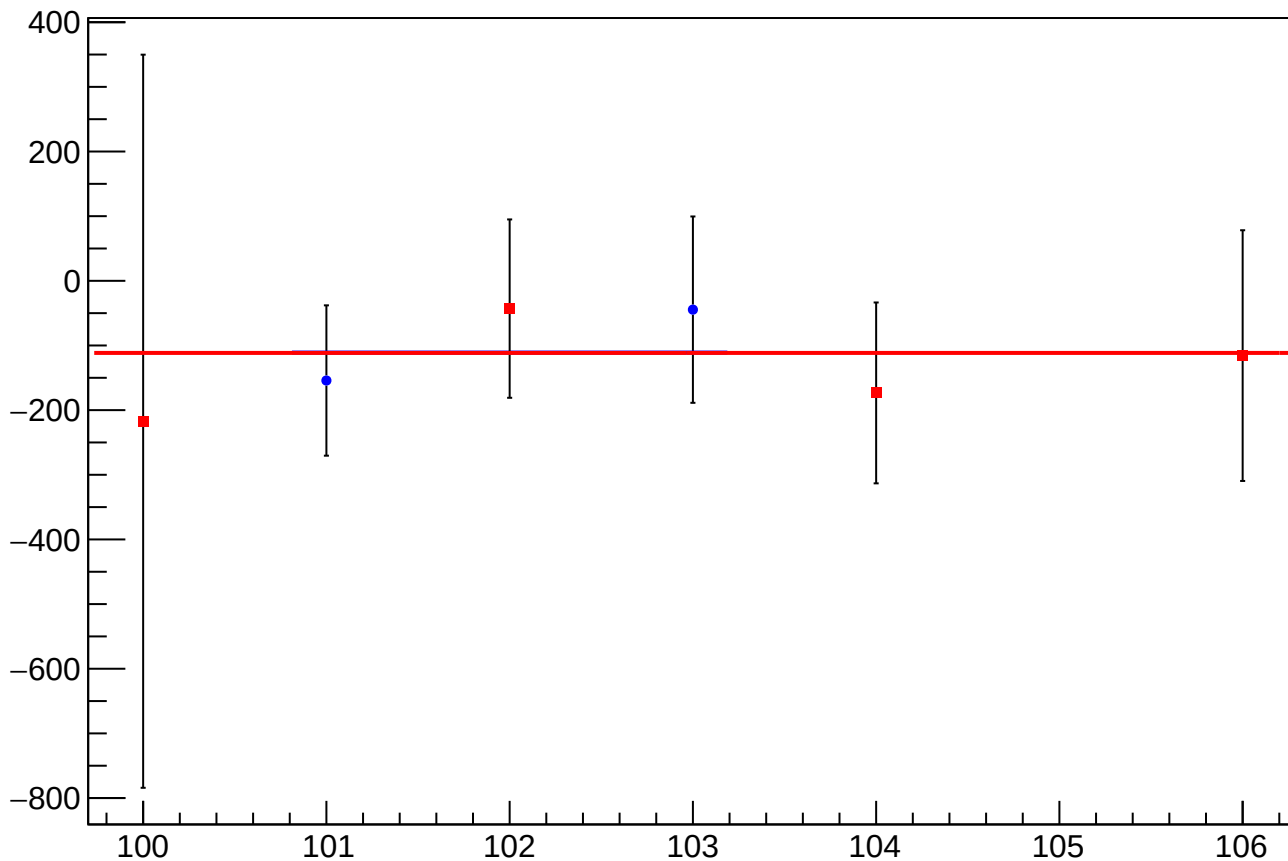
Right: 1076.371+/-0.454 χ^2/NDF : 16479.1/5

In: 1050.189+/-0.662 χ^2/NDF : 4100.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.371+/-0.454 χ^2/NDF : 16479.1/5

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -110.973 $\pm$ 90.488 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -111.512 $\pm$ 86.589 χ^2 /NDF: 0.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

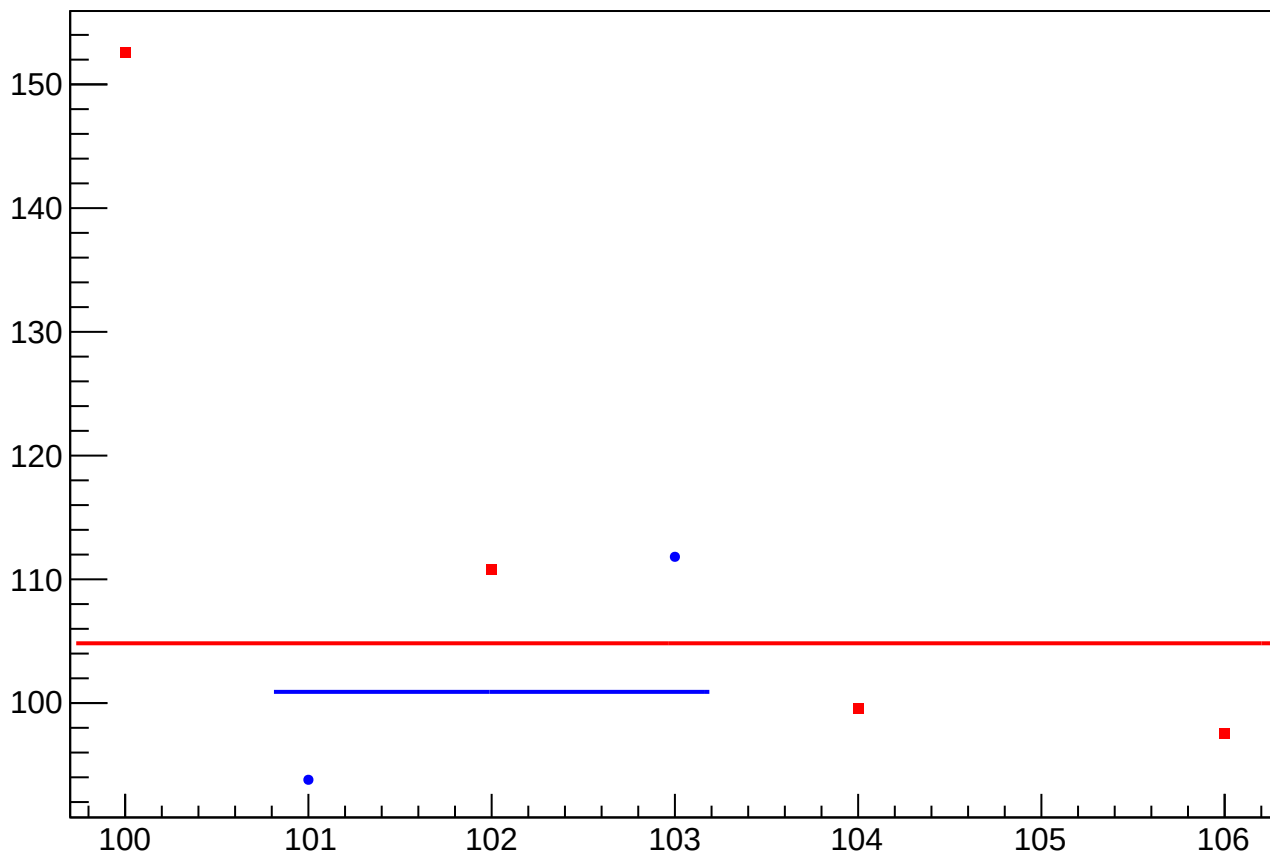
Right: -111.254 $\pm$ 62.561 χ^2 /NDF: 0.8/5

In: -110.973 $\pm$ 90.488 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.254 $\pm$ 62.561 χ^2 /NDF: 0.8/5

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.906+/-0.064 χ^2/NDF : 18943.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.831+/-0.061 χ^2/NDF : 23556.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

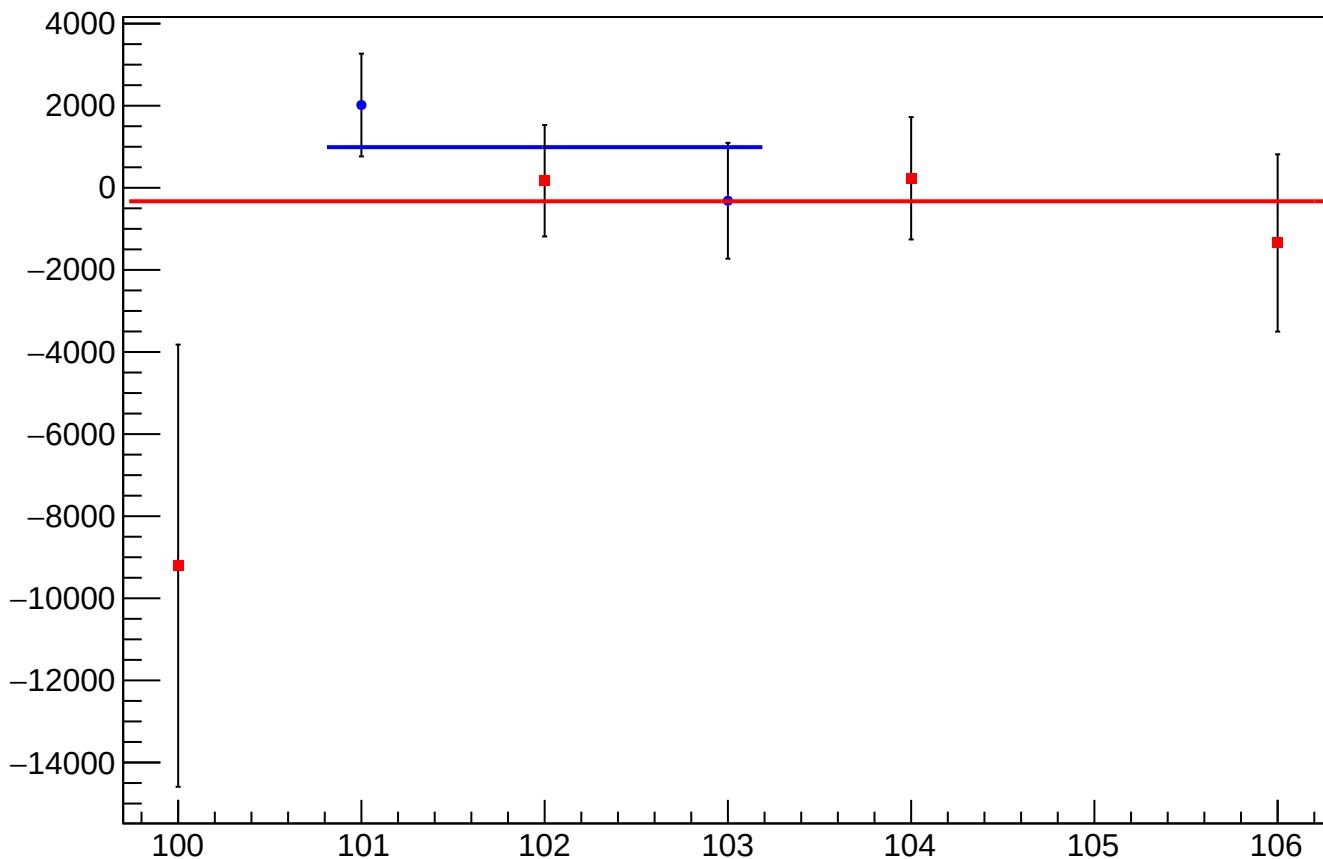
Right: 102.955+/-0.044 χ^2/NDF : 44465.1/5

In: 100.906+/-0.064 χ^2/NDF : 18943.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.955+/-0.044 χ^2/NDF : 44465.1/5

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.045+/-897.200 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

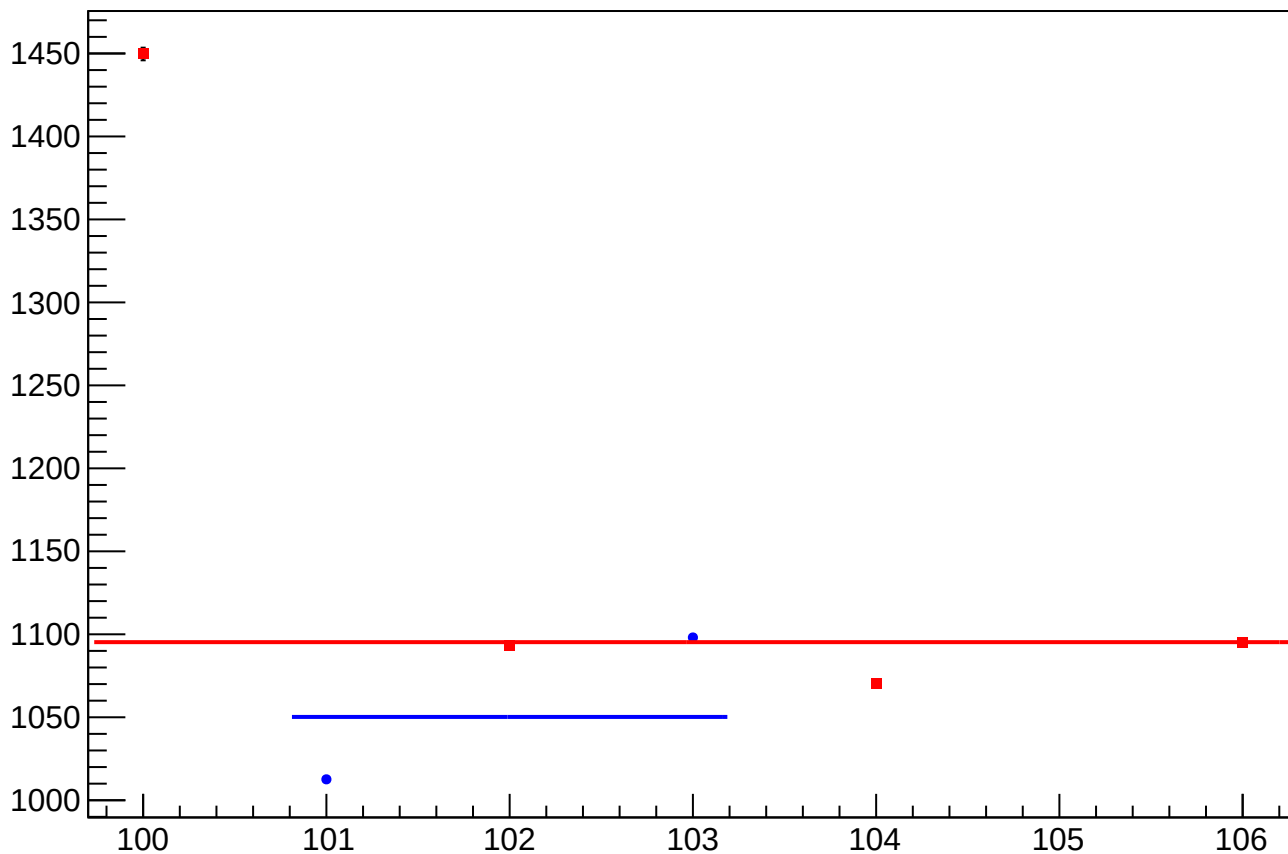
Right: 303.011+/-647.845 χ^2/NDF : 5.8/5

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.011+/-647.845 χ^2/NDF : 5.8/5

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.270+/-0.634 χ^2/NDF : 9212.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

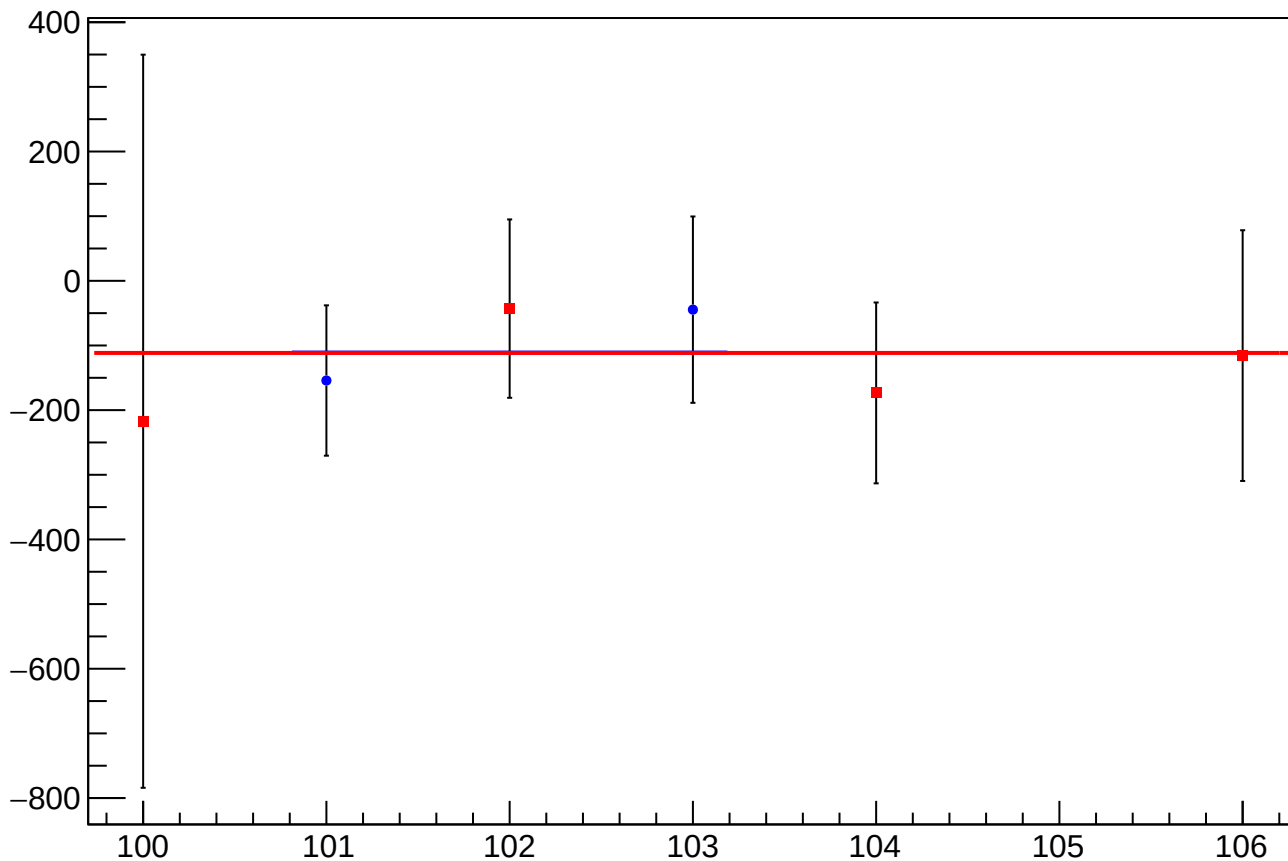
Right: 1073.704+/-0.458 χ^2/NDF : 15732.6/5

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.704+/-0.458 χ^2/NDF : 15732.6/5

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.512+/-86.589 χ^2/NDF : 0.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

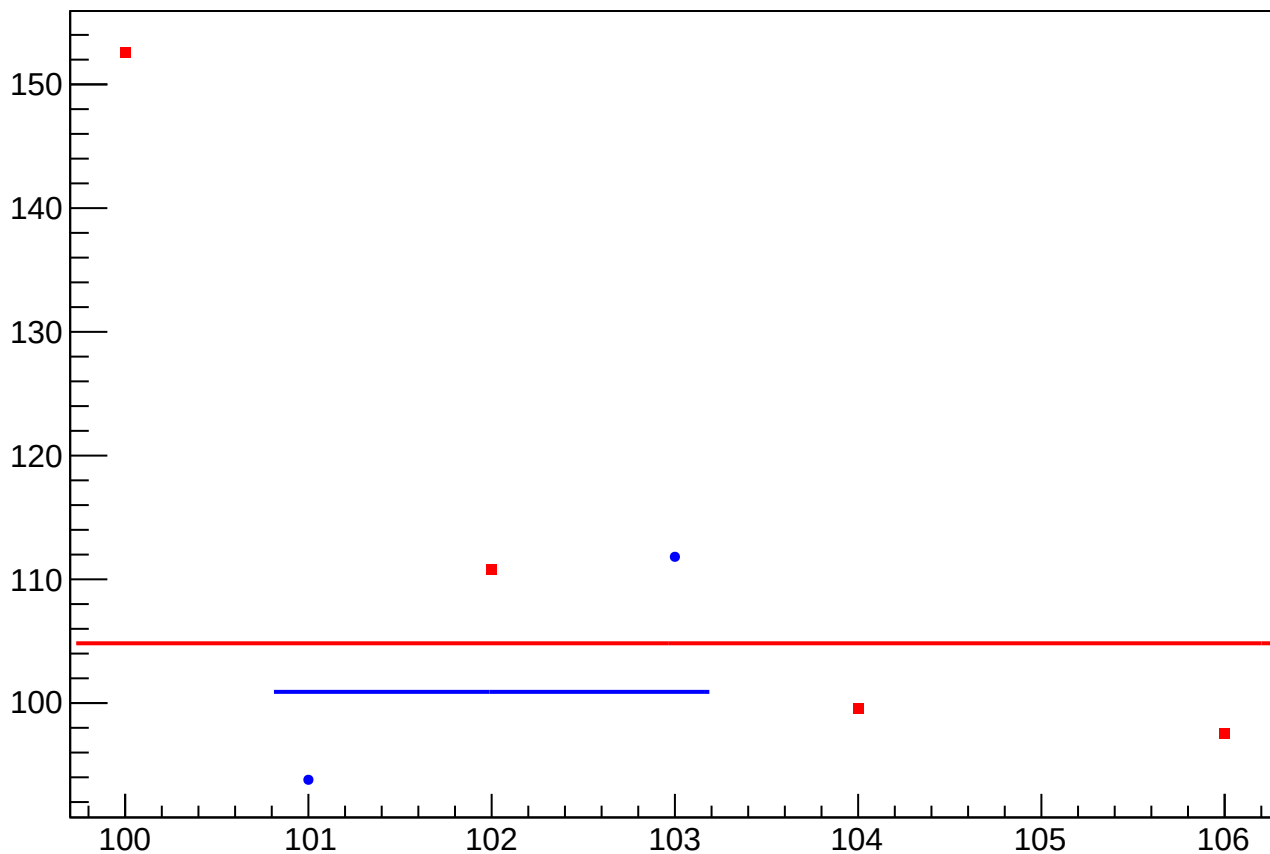
Right: -111.254+/-62.561 χ^2/NDF : 0.8/5

In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -111.254+/-62.561 χ^2/NDF : 0.8/5

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 100.906 $\pm$ 0.064 χ^2 /NDF: 18943.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.831 $\pm$ 0.061 χ^2 /NDF: 23556.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

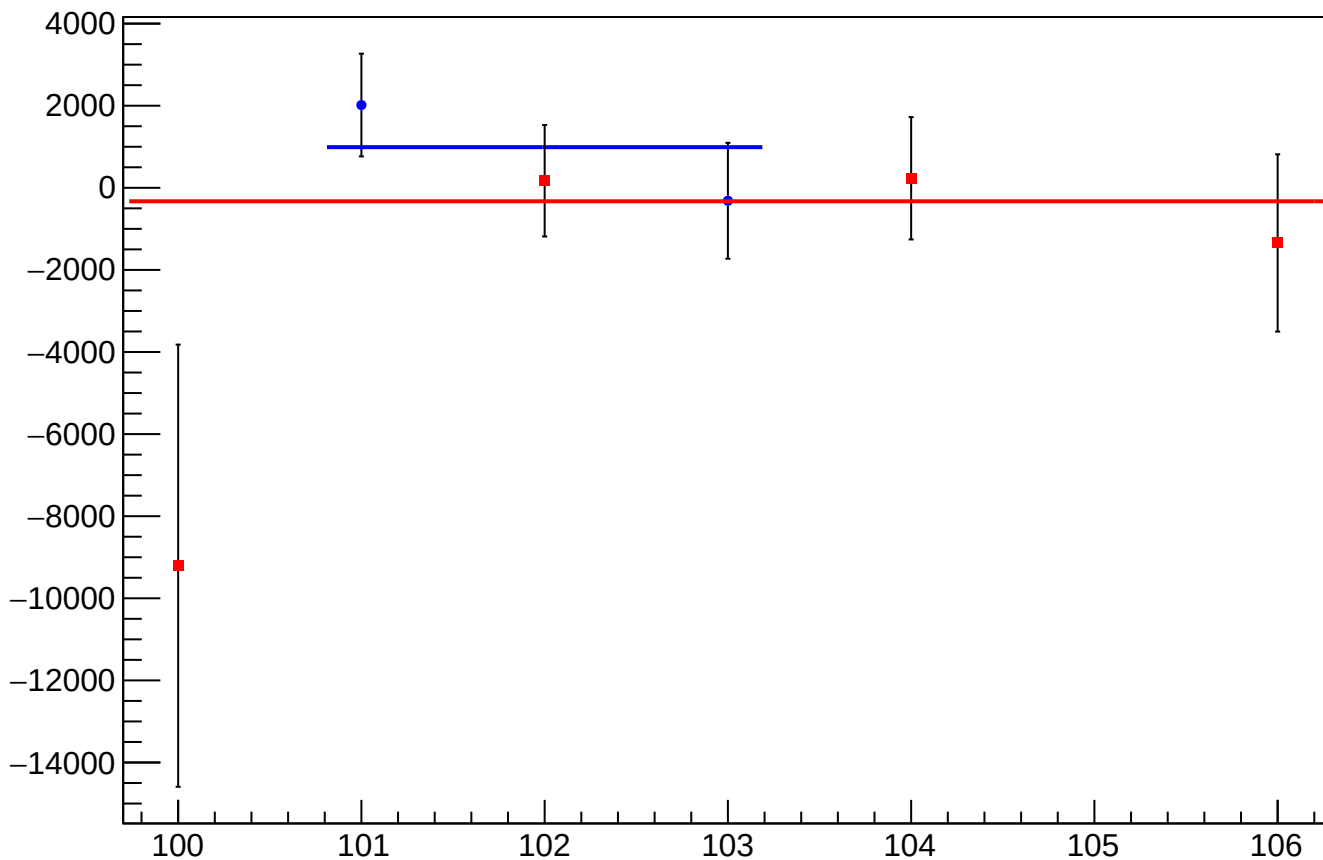
Right: 102.955 $\pm$ 0.044 χ^2 /NDF: 44465.1/5

In: 100.906 $\pm$ 0.064 χ^2 /NDF:18943.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 102.955 $\pm$ 0.044 χ^2 /NDF: 44465.1/5

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.045+/-897.200 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

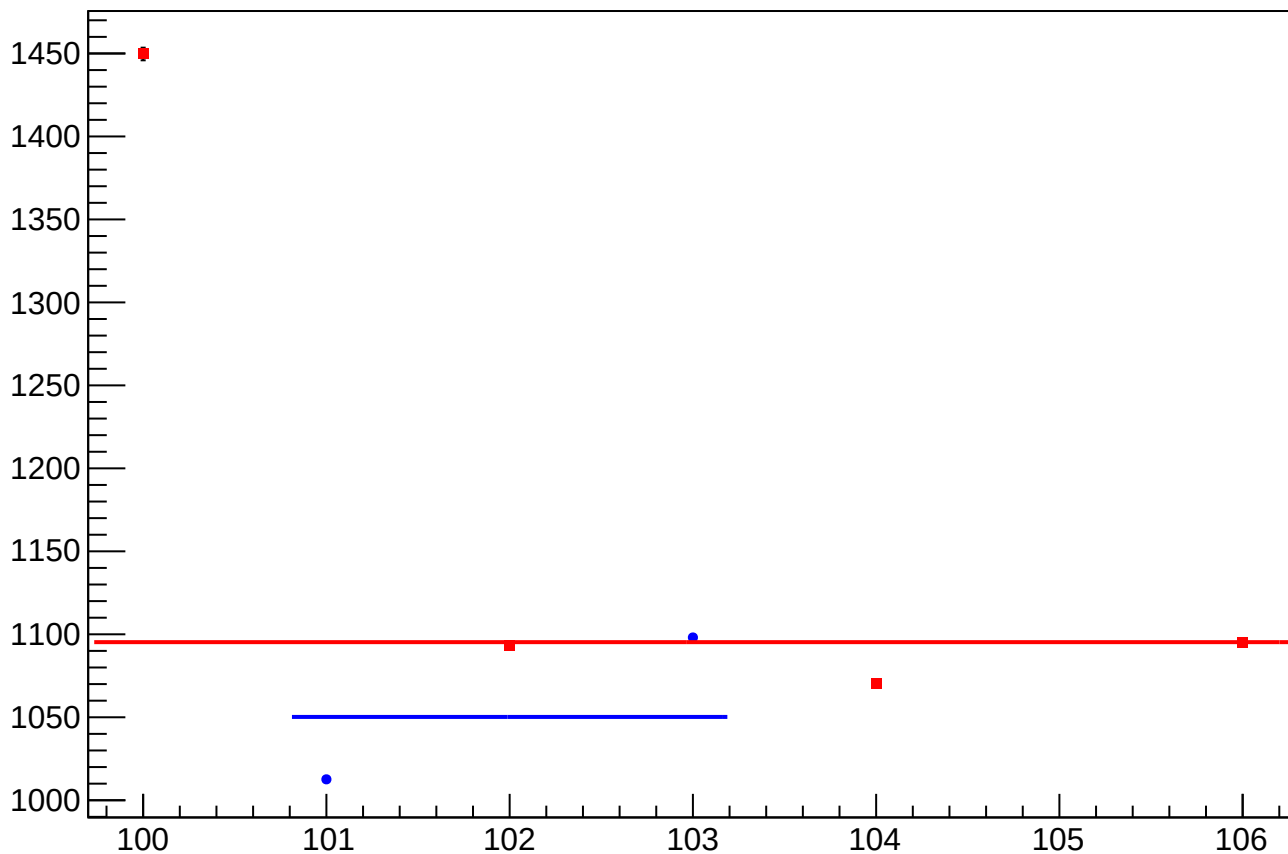
Right: 303.011+/-647.845 χ^2/NDF : 5.8/5

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 303.011+/-647.845 χ^2/NDF : 5.8/5

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.270+/-0.634 χ^2/NDF : 9212.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

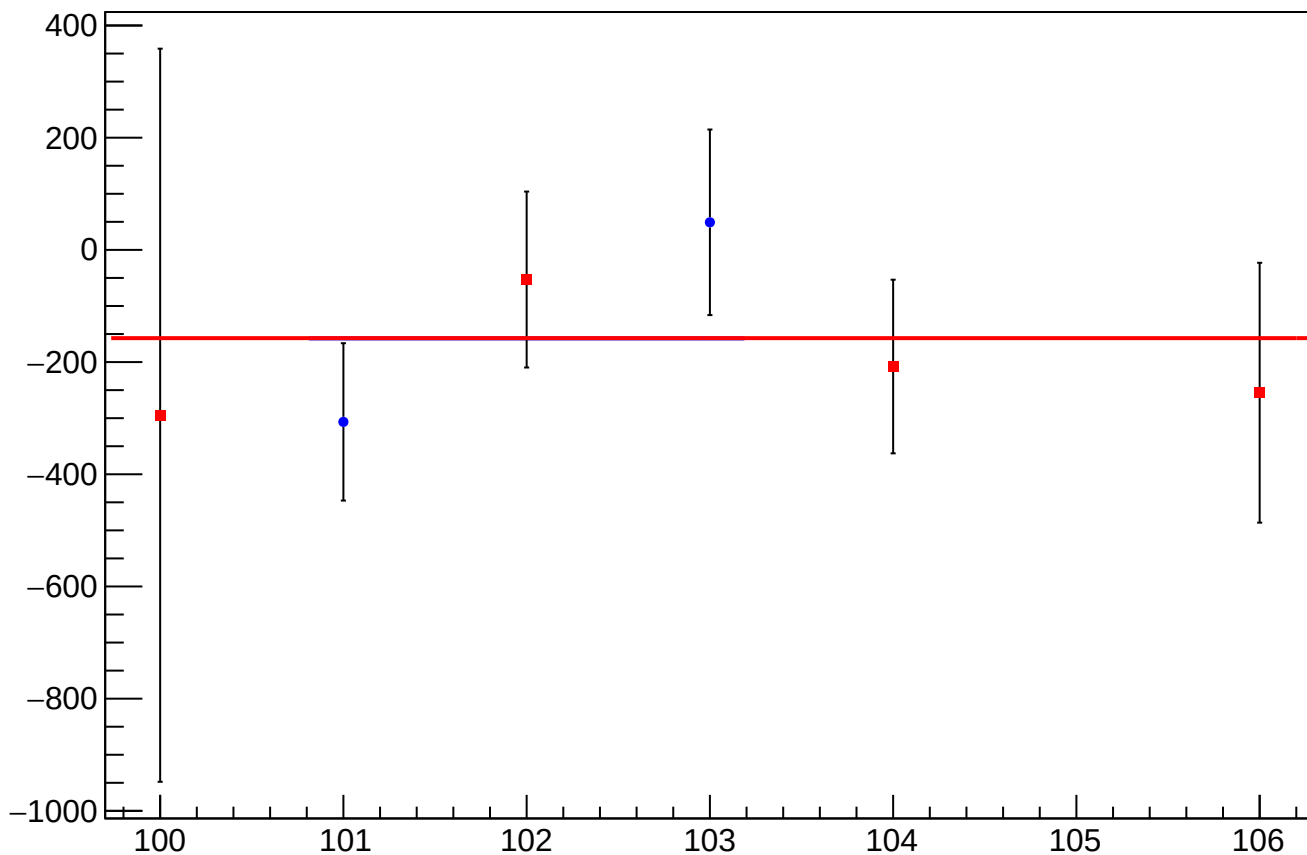
Right: 1073.704+/-0.458 χ^2/NDF : 15732.6/5

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.704+/-0.458 χ^2/NDF : 15732.6/5

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -157.801 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -157.323 $\pm$ 98.348 χ^2 /NDF: 0.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

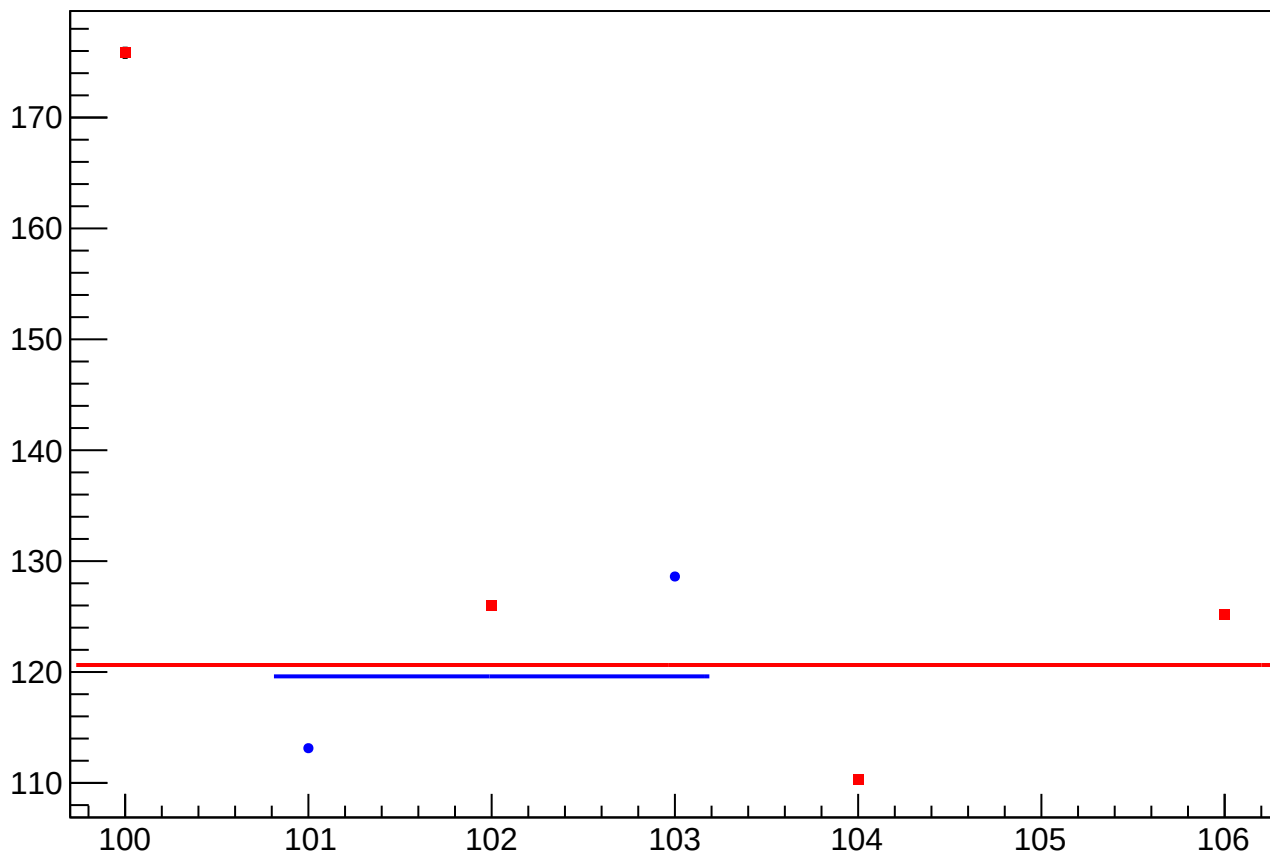
Right: -157.542 $\pm$ 72.399 χ^2 /NDF: 3.5/5

In: -157.801 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -157.542 $\pm$ 72.399 χ^2 /NDF: 3.5/5

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 119.608 $\pm$ 0.076 χ^2 /NDF: 10191.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.633 $\pm$ 0.070 χ^2 /NDF: 26279.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

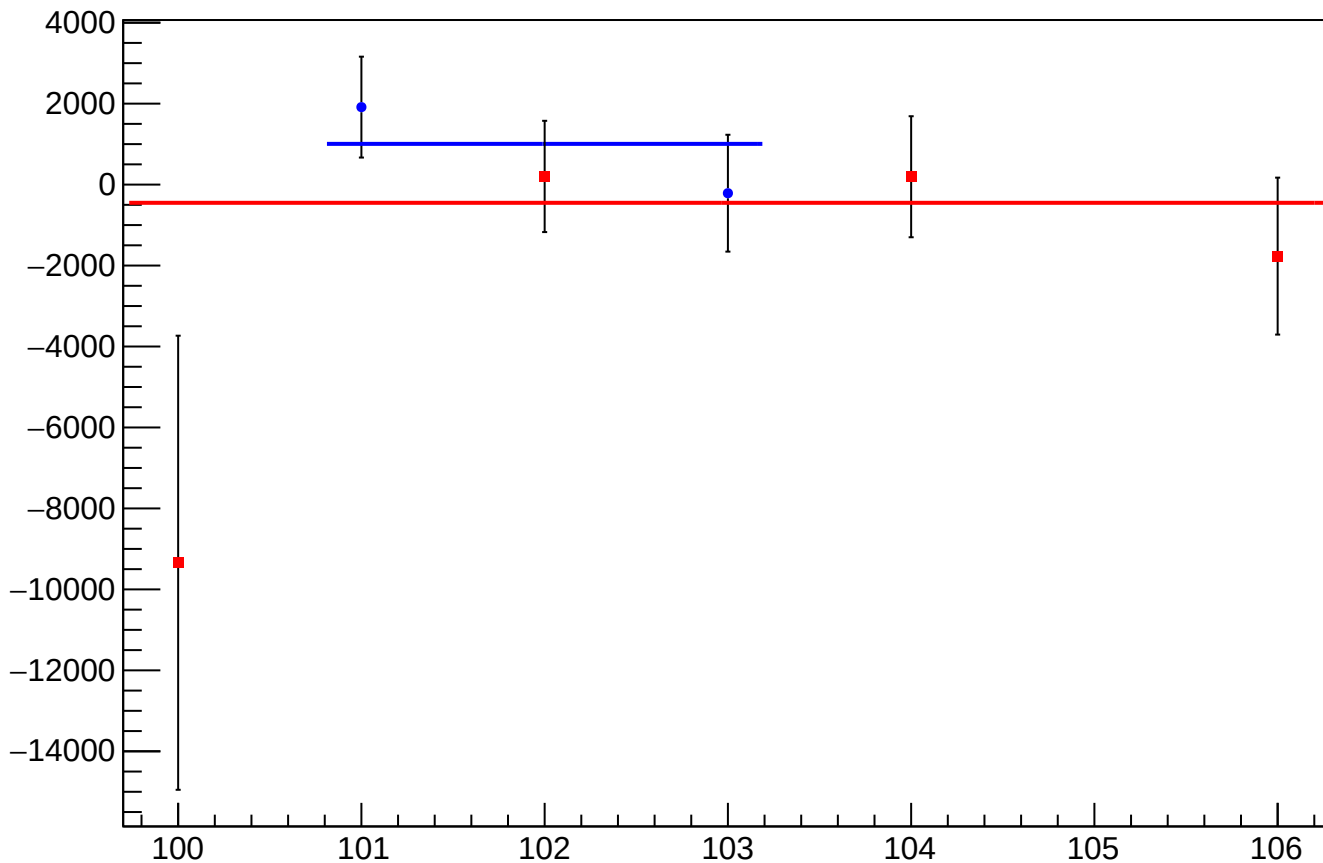
Right: 120.163 $\pm$ 0.051 χ^2 /NDF: 36570.2/5

In: 119.608 $\pm$ 0.076 χ^2 /NDF:10191.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.163 $\pm$ 0.051 χ^2 /NDF: 36570.2/5

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1006.017 $\pm$ 943.210 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -449.922 $\pm$ 885.695 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

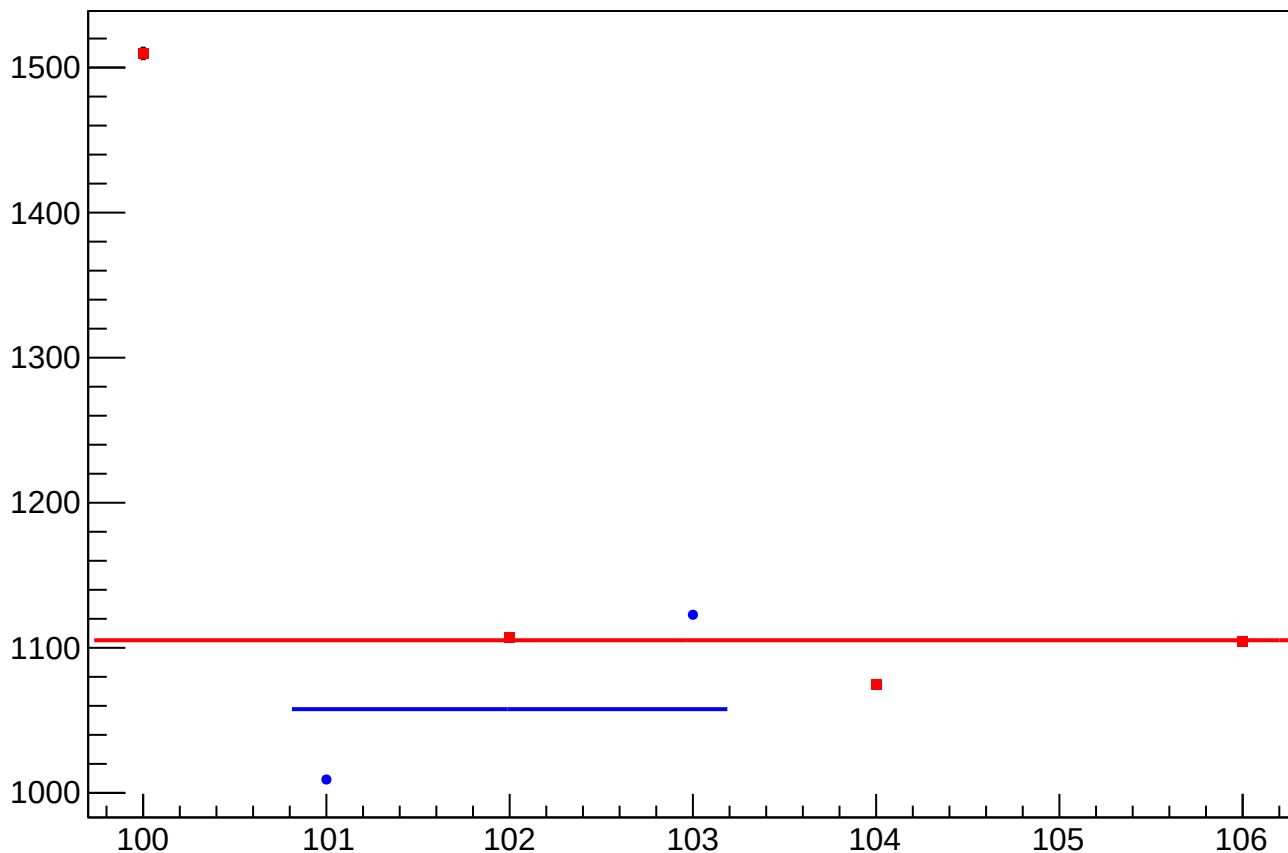
Right: 232.307 $\pm$ 645.657 χ^2 /NDF: 5.9/5

In: 1006.017 $\pm$ 943.210 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.307 $\pm$ 645.657 χ^2 /NDF: 5.9/5

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1057.715+/-0.667 χ^2/NDF : 7096.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.217+/-0.626 χ^2/NDF : 11250.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

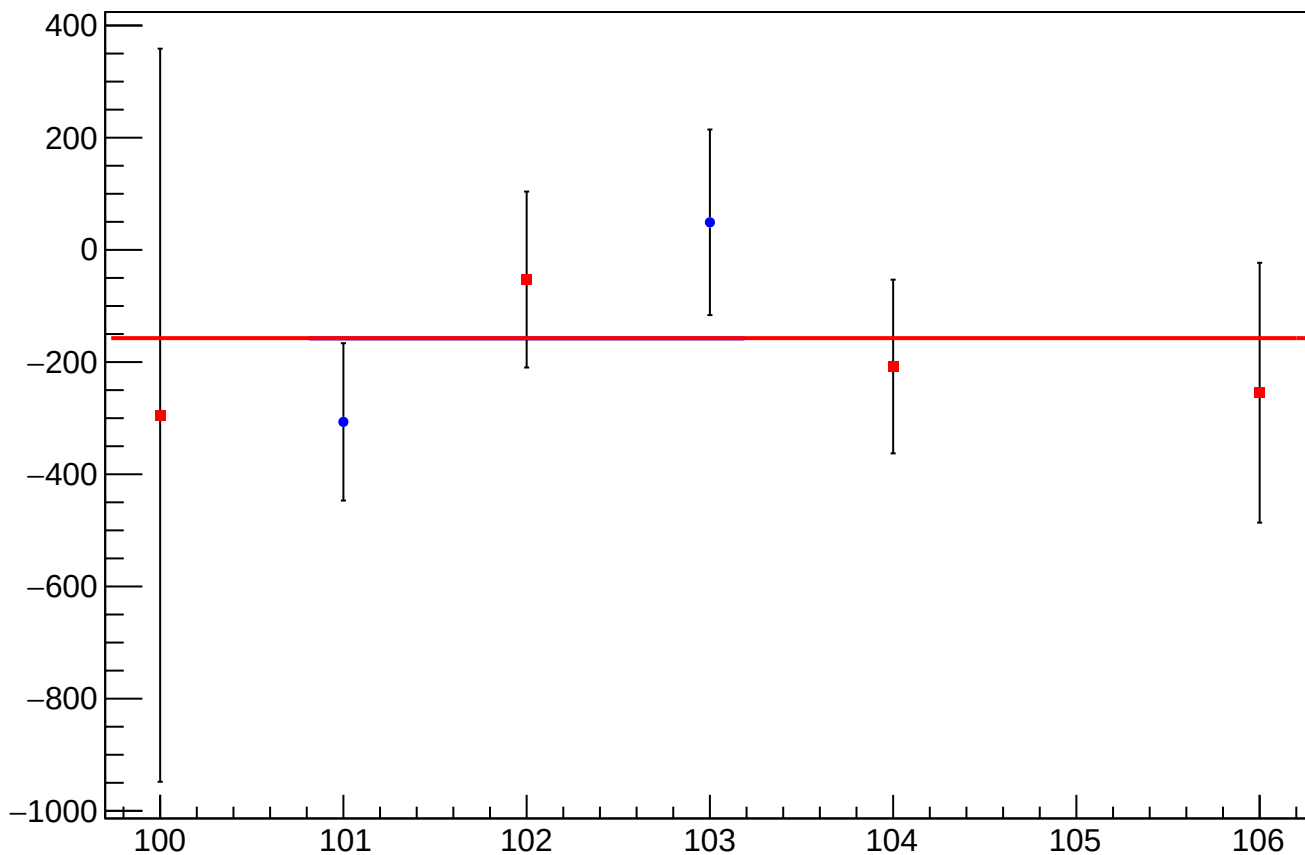
Right: 1082.958+/-0.457 χ^2/NDF : 21042.6/5

In: 1057.715+/-0.667 χ^2/NDF : 7096.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.958+/-0.457 χ^2/NDF : 21042.6/5

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -157.798 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -157.326 $\pm$ 98.348 χ^2 /NDF: 0.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

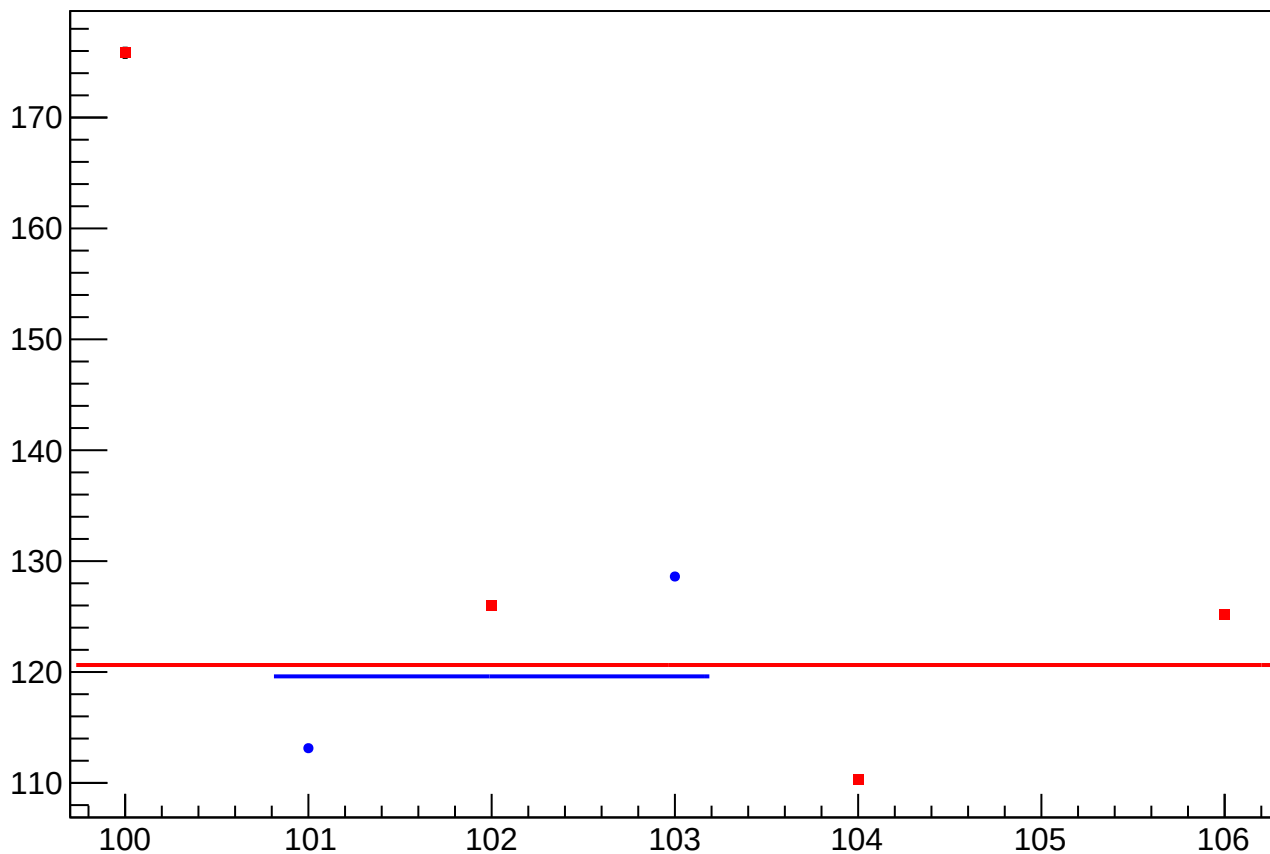
Right: -157.542 $\pm$ 72.399 χ^2 /NDF: 3.5/5

In: -157.798 $\pm$ 106.971 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -157.542 $\pm$ 72.399 χ^2 /NDF: 3.5/5

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 119.607 $\pm$ 0.076 χ^2 /NDF: 10190.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.632 $\pm$ 0.070 χ^2 /NDF: 26278.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

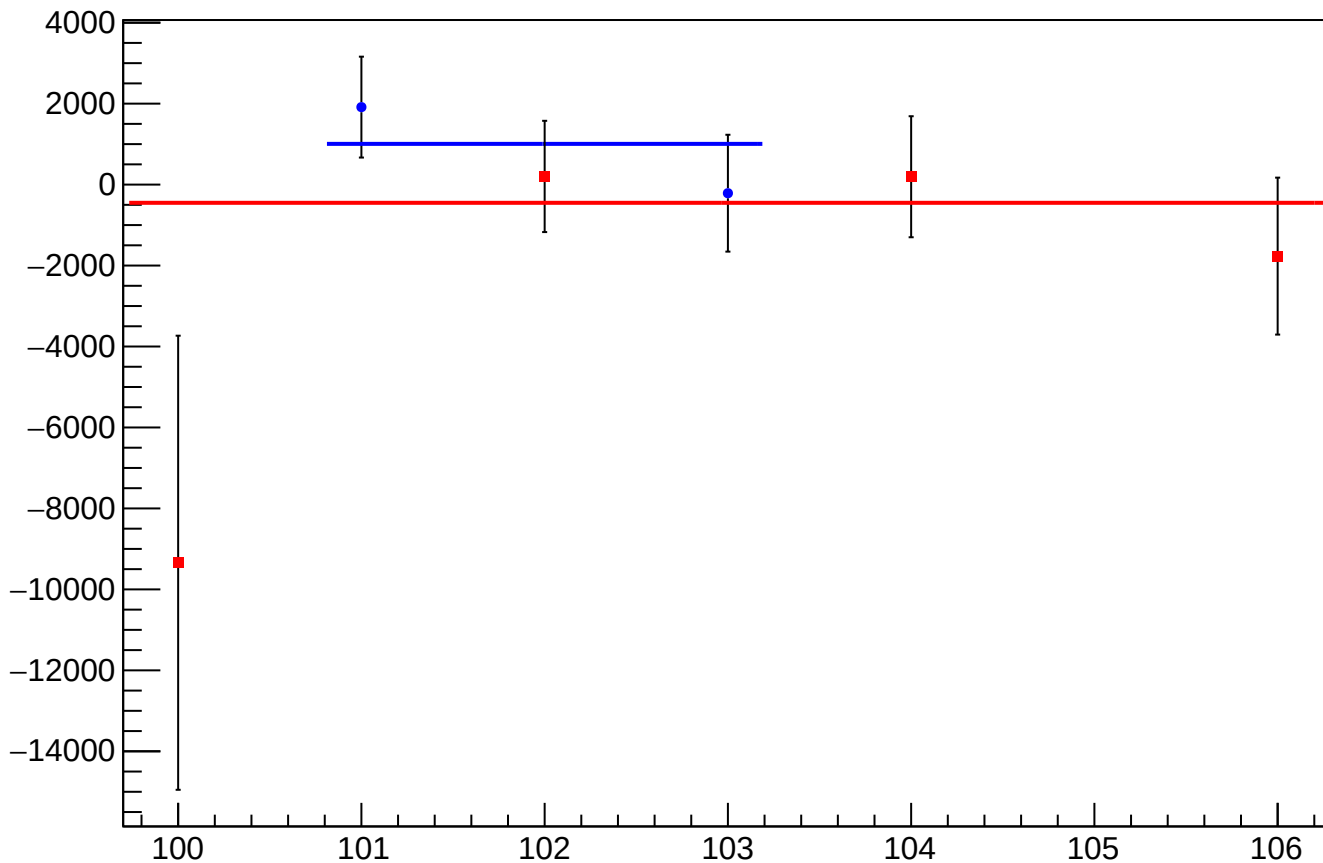
Right: 120.163 $\pm$ 0.051 χ^2 /NDF: 36568.5/5

In: 119.607 $\pm$ 0.076 χ^2 /NDF:10190.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 120.163 $\pm$ 0.051 χ^2 /NDF: 36568.5/5

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1006.016 $\pm$ 943.208 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -449.920 $\pm$ 885.692 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

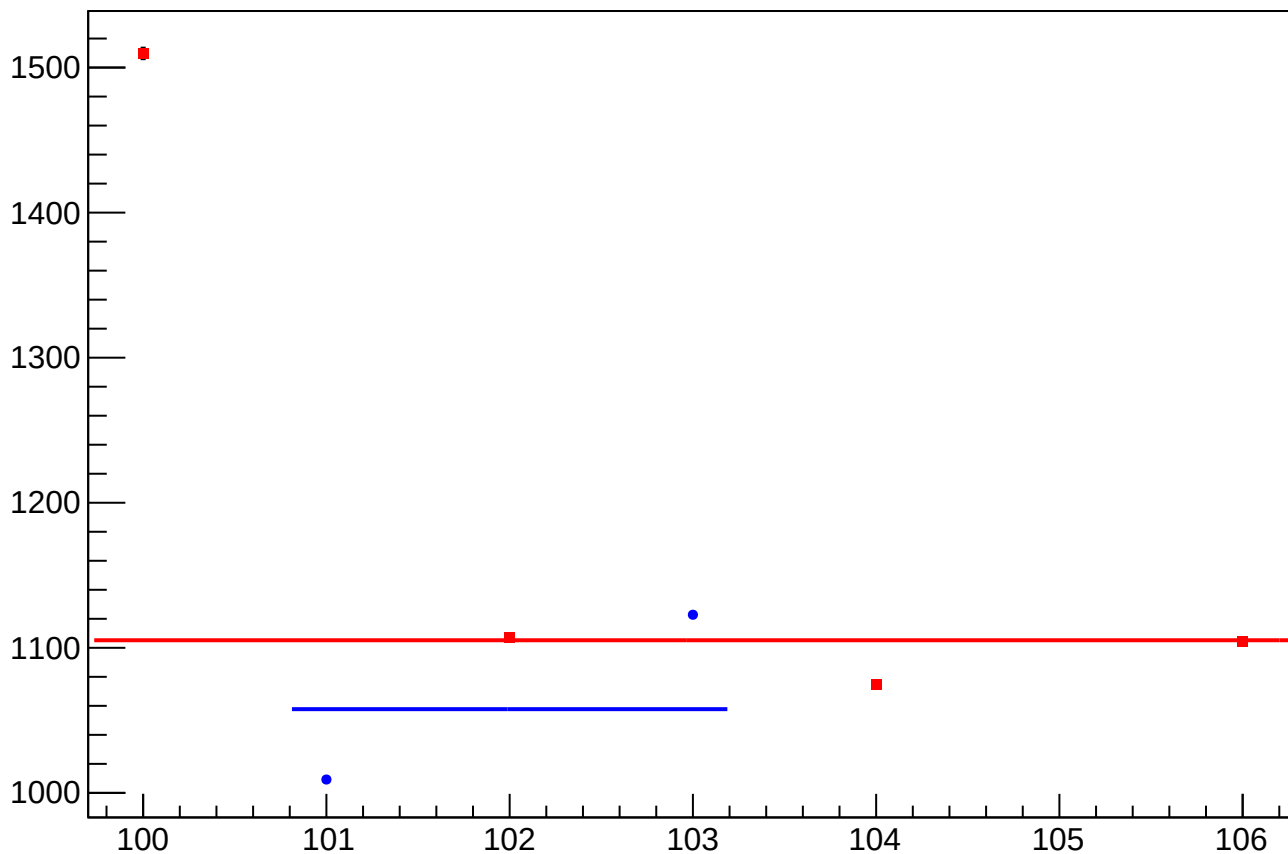
Right: 232.307 $\pm$ 645.655 χ^2 /NDF: 5.9/5

In: 1006.016 $\pm$ 943.208 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 232.307 $\pm$ 645.655 χ^2 /NDF: 5.9/5

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1057.713+/-0.667 χ^2/NDF : 7096.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.214+/-0.626 χ^2/NDF : 11250.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

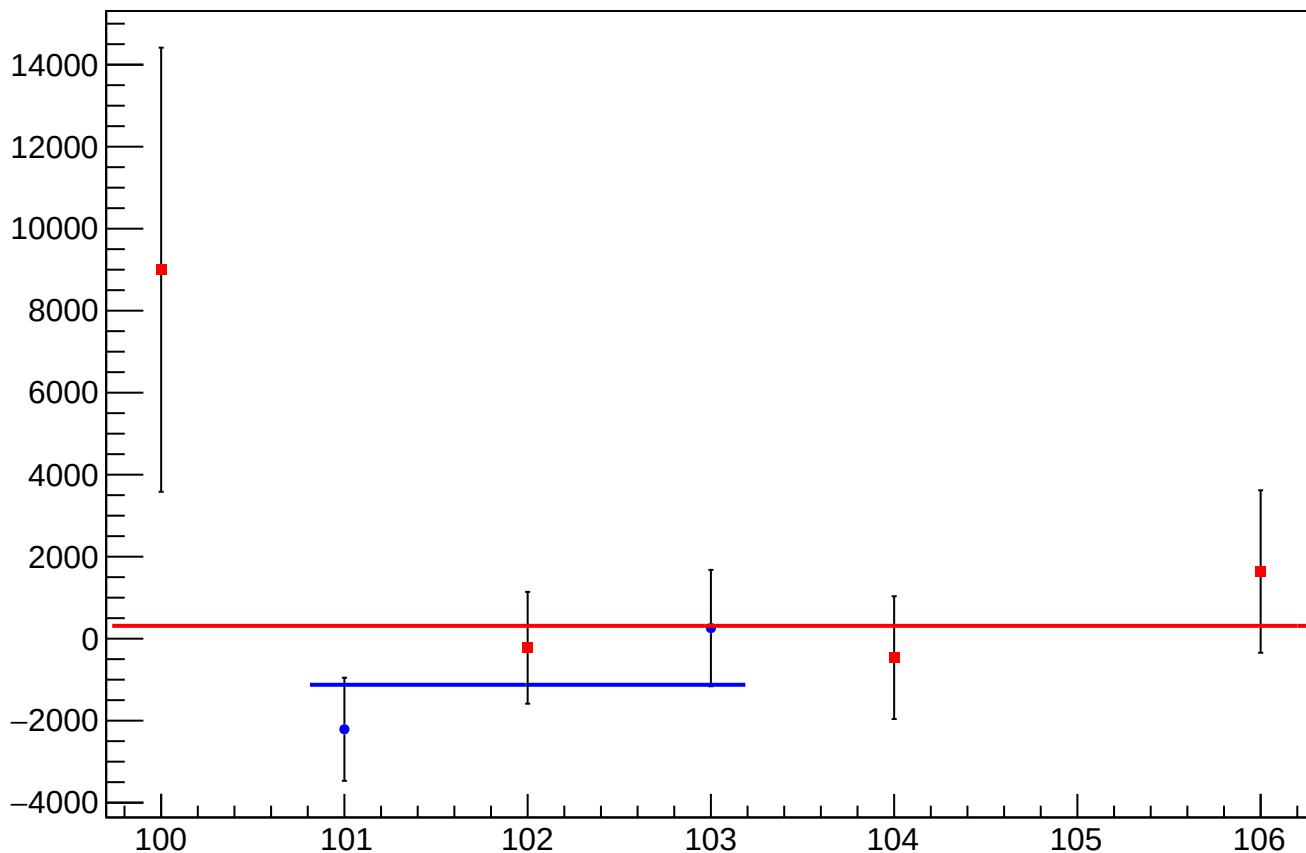
Right: 1082.956+/-0.457 χ^2/NDF : 21042.3/5

In: 1057.713+/-0.667 χ^2/NDF : 7096.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1082.956+/-0.457 χ^2/NDF : 21042.3/5

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -1124.668+/-940.973 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.615+/-886.316 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

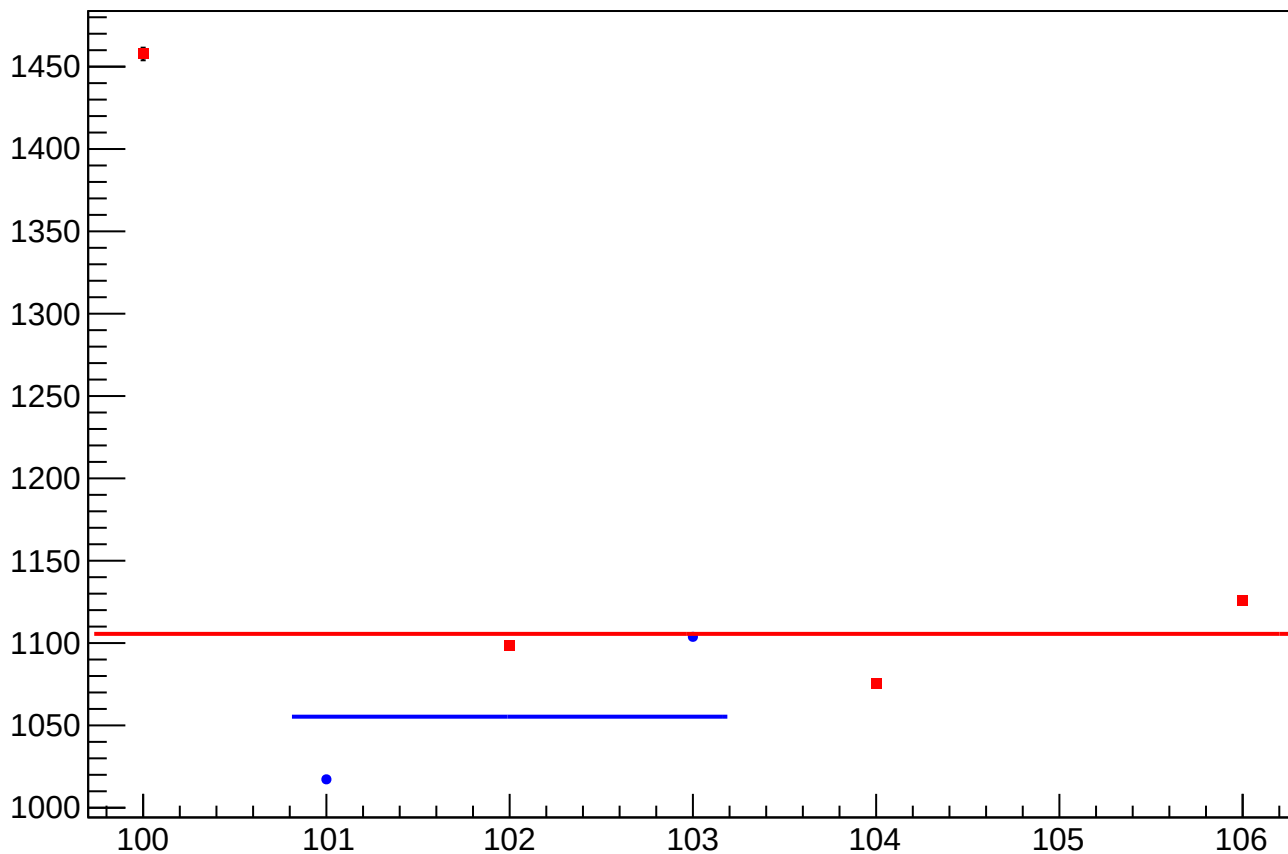
Right: -363.073+/-645.177 χ^2/NDF : 6.4/5

In: -1124.668+/-940.973 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.073+/-645.177 χ^2/NDF : 6.4/5

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1055.297+/-0.665 χ^2/NDF : 4167.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.581+/-0.627 χ^2/NDF : 9527.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

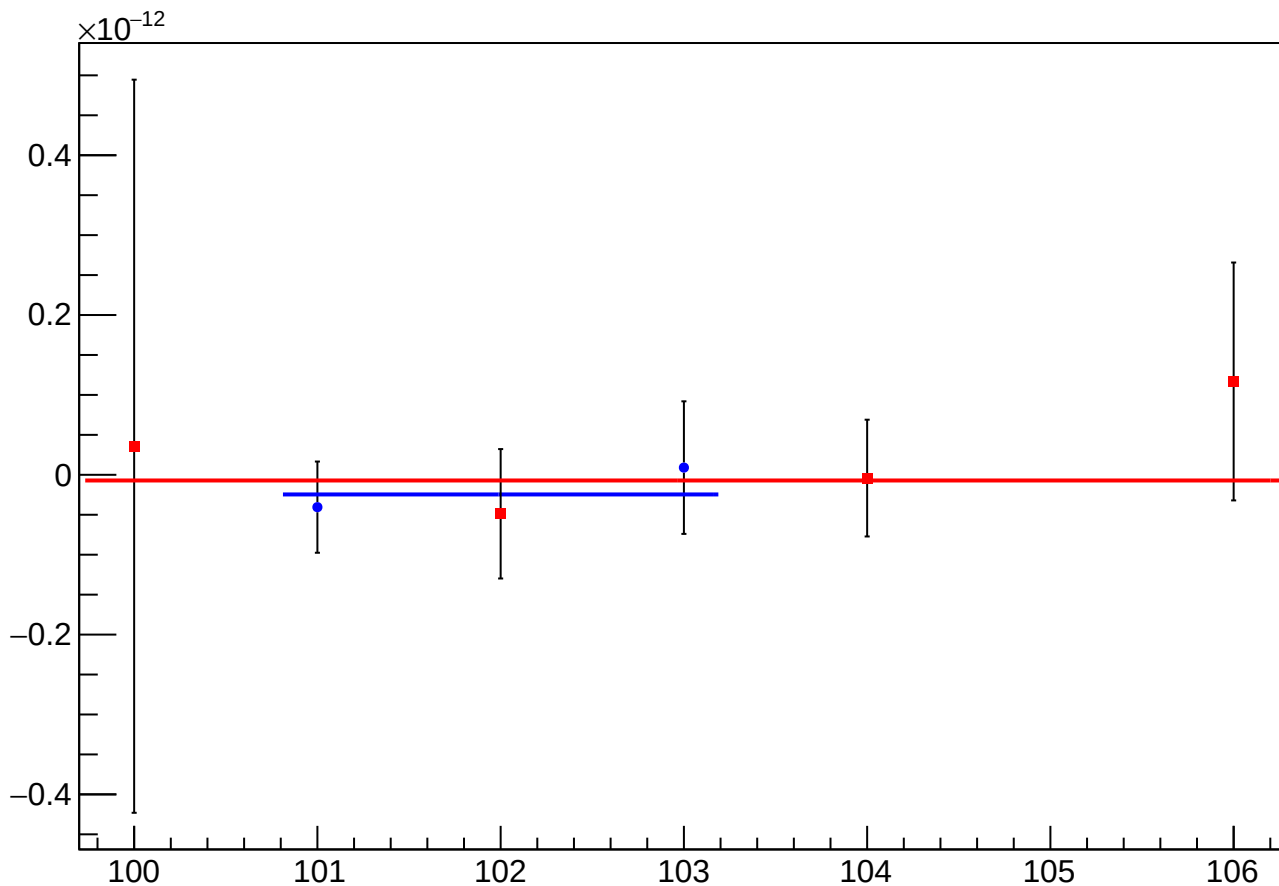
Right: 1081.941+/-0.456 χ^2/NDF : 16721.1/5

In: 1055.297+/-0.665 χ^2/NDF : 4167.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.941+/-0.456 χ^2/NDF : 16721.1/5

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

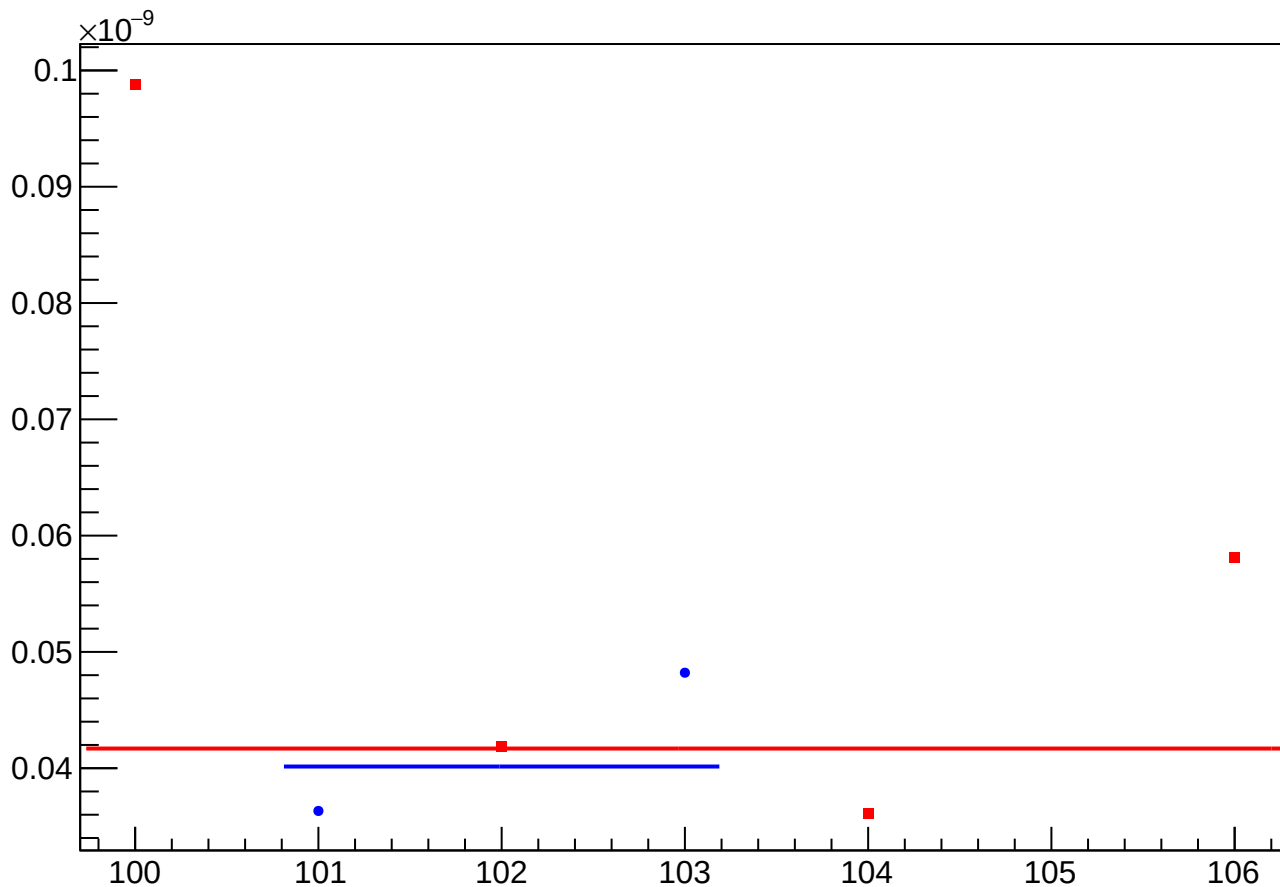
Right: -0.000+/-0.000 χ^2/NDF : 1.3/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.3/5

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 27851.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 67031.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

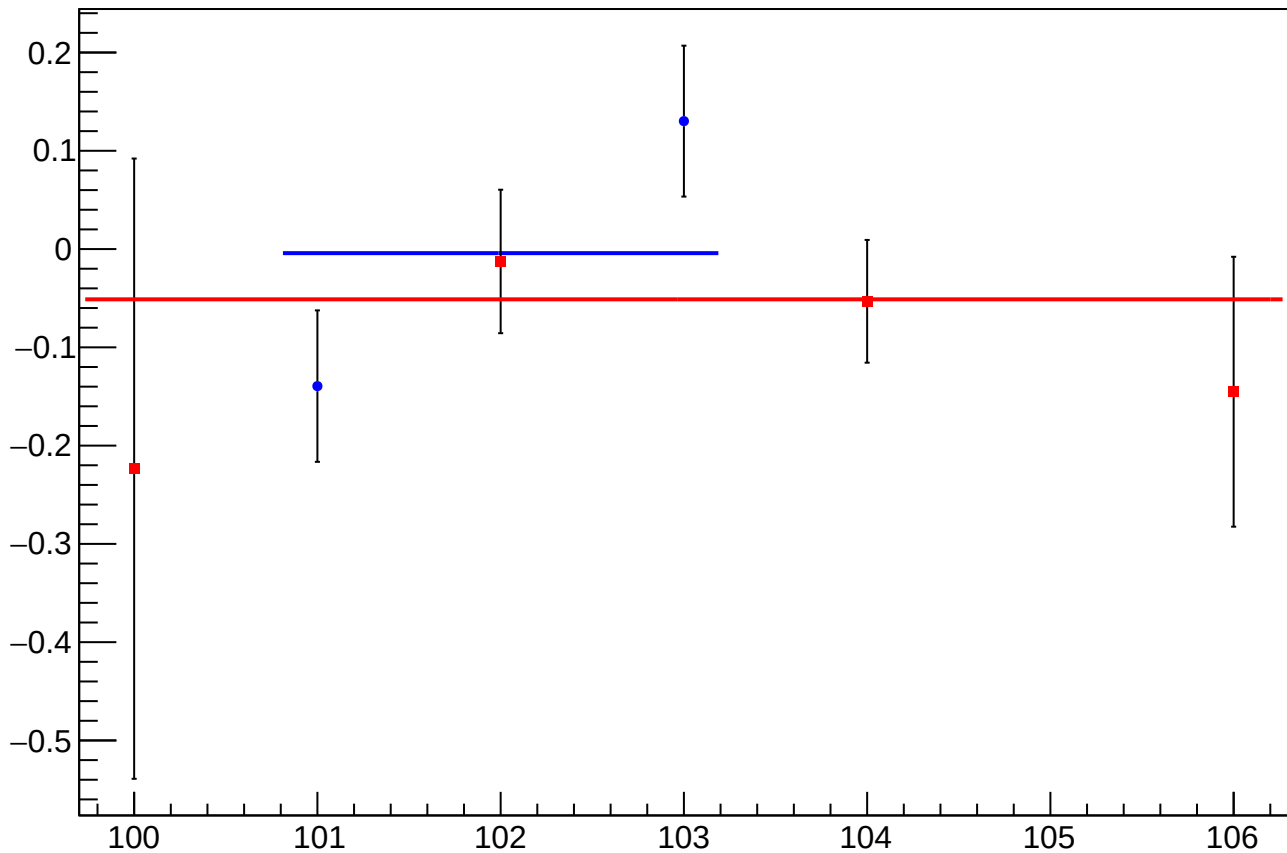
Right: 0.000+/-0.000 χ^2/NDF : 95884.6/5

In: 0.000+/-0.000 χ^2/NDF : 27851.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 95884.6/5

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.044 χ^2 /NDF: 1.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

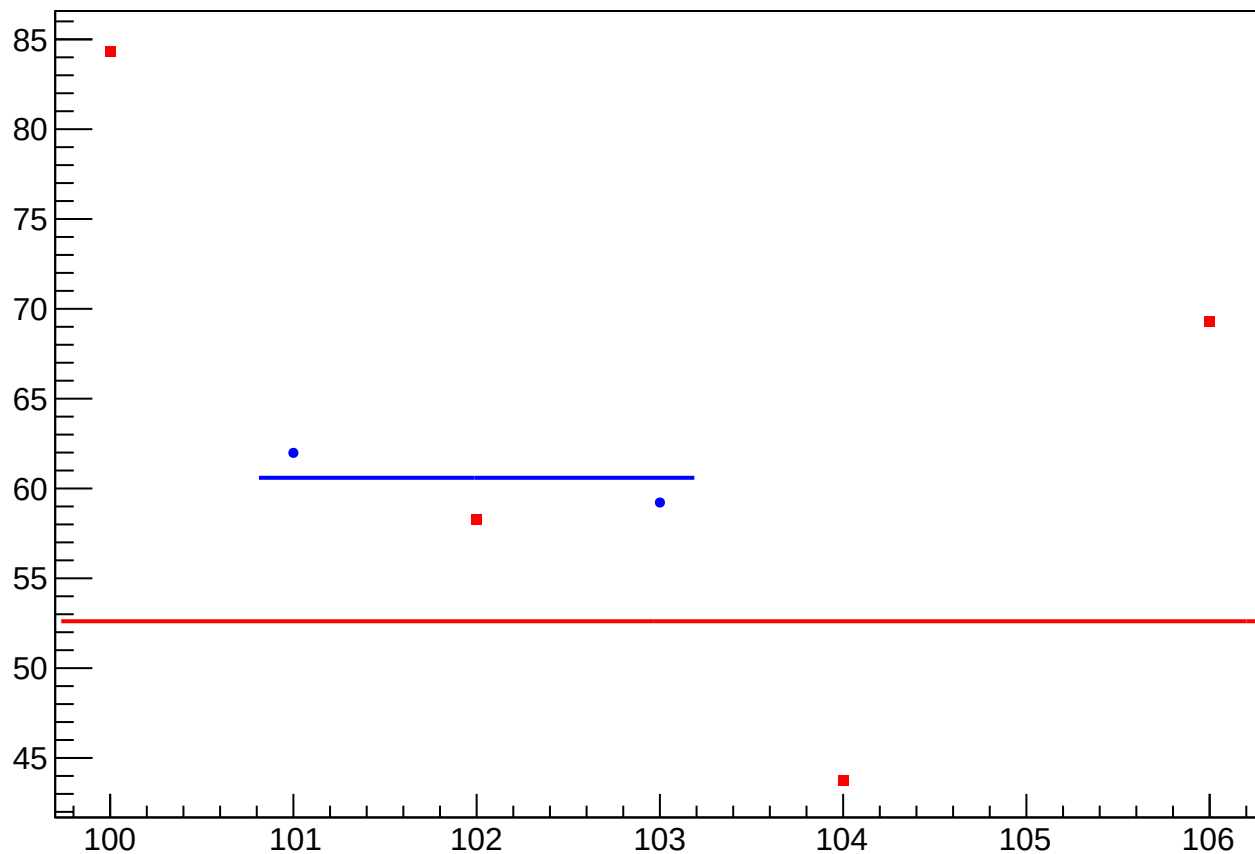
Right: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.596 $\pm$ 0.038 χ^2 /NDF: 1291.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.610 $\pm$ 0.031 χ^2 /NDF: 101724.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

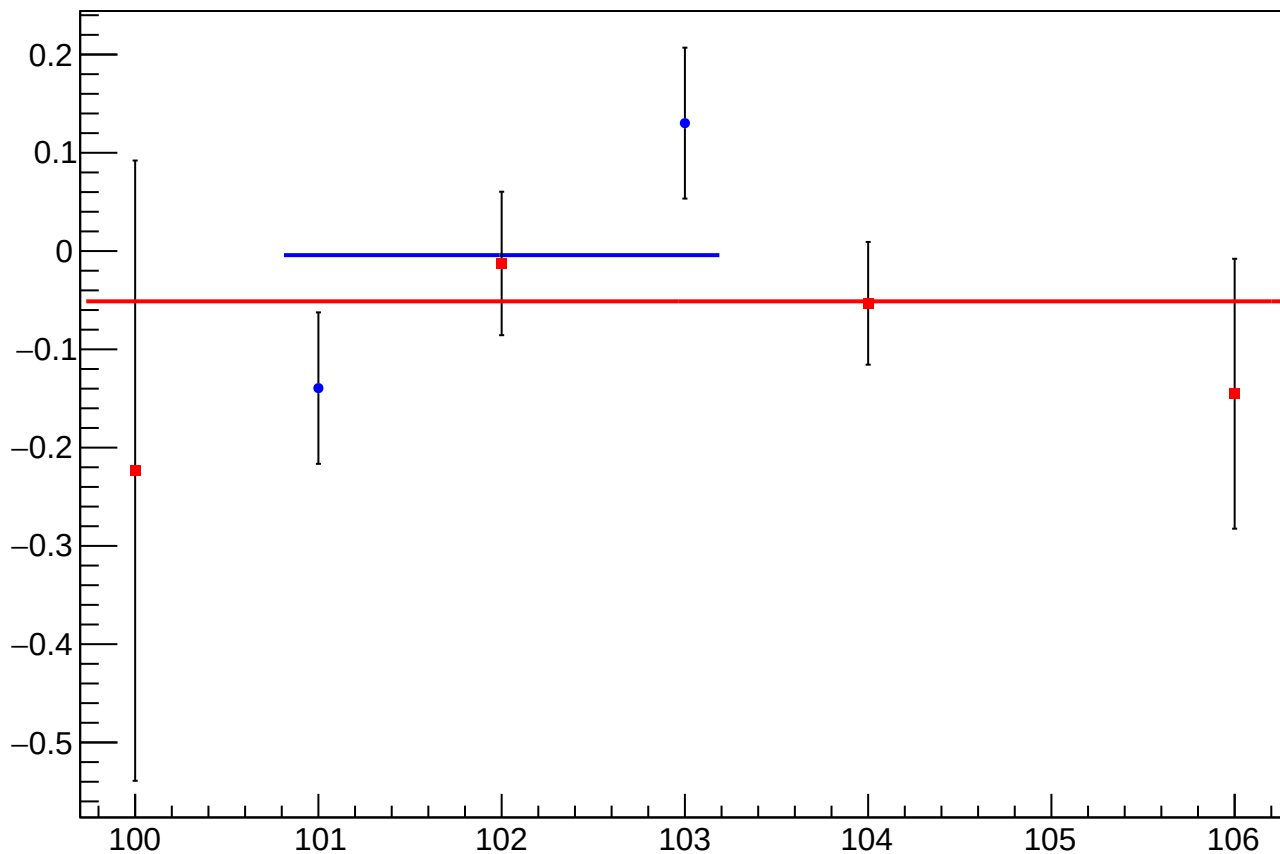
Right: 55.804 $\pm$ 0.024 χ^2 /NDF: 128883.8/5

In: 60.596 $\pm$ 0.038 χ^2 /NDF:1291.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.804 $\pm$ 0.024 χ^2 /NDF: 128883.8/5

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.044 χ^2 /NDF: 1.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

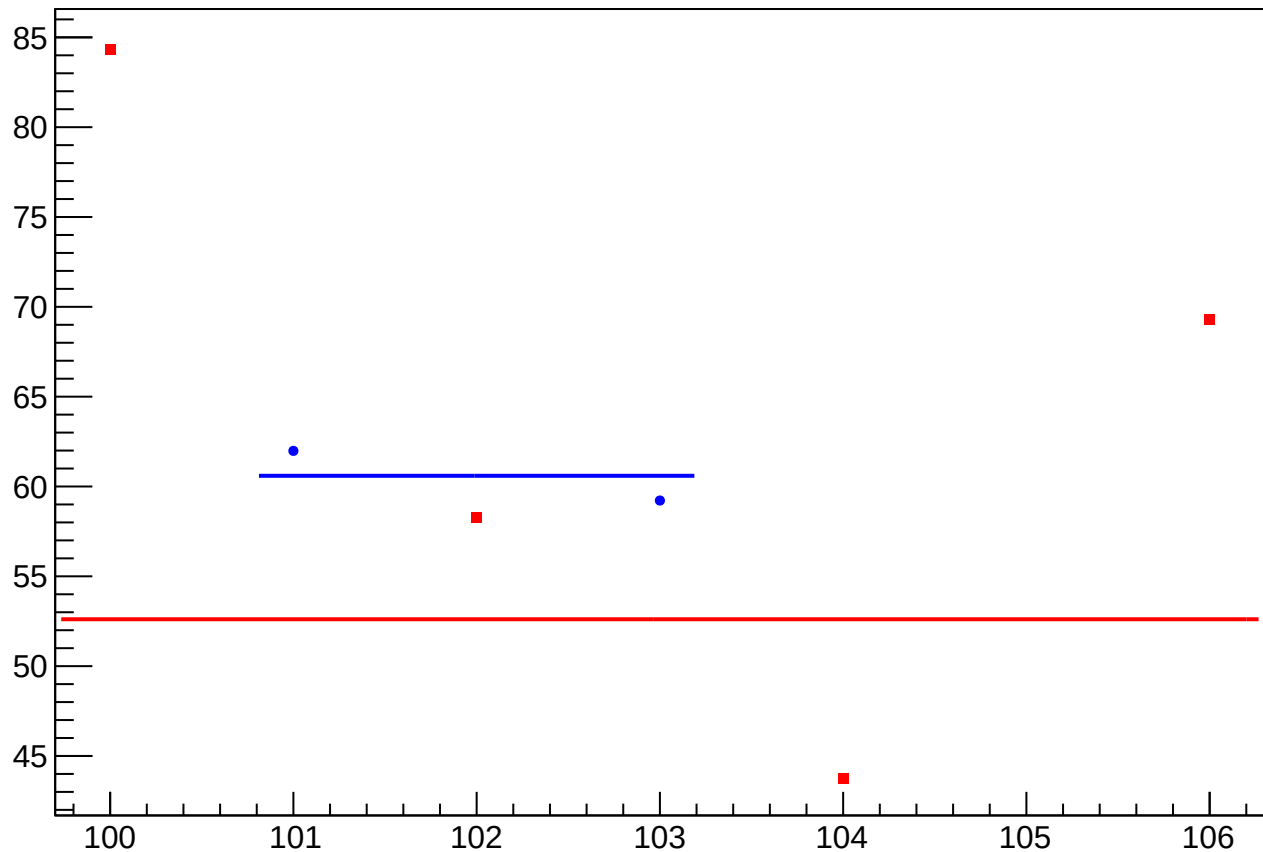
Right: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.610+/-0.031 χ^2/NDF : 101724.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

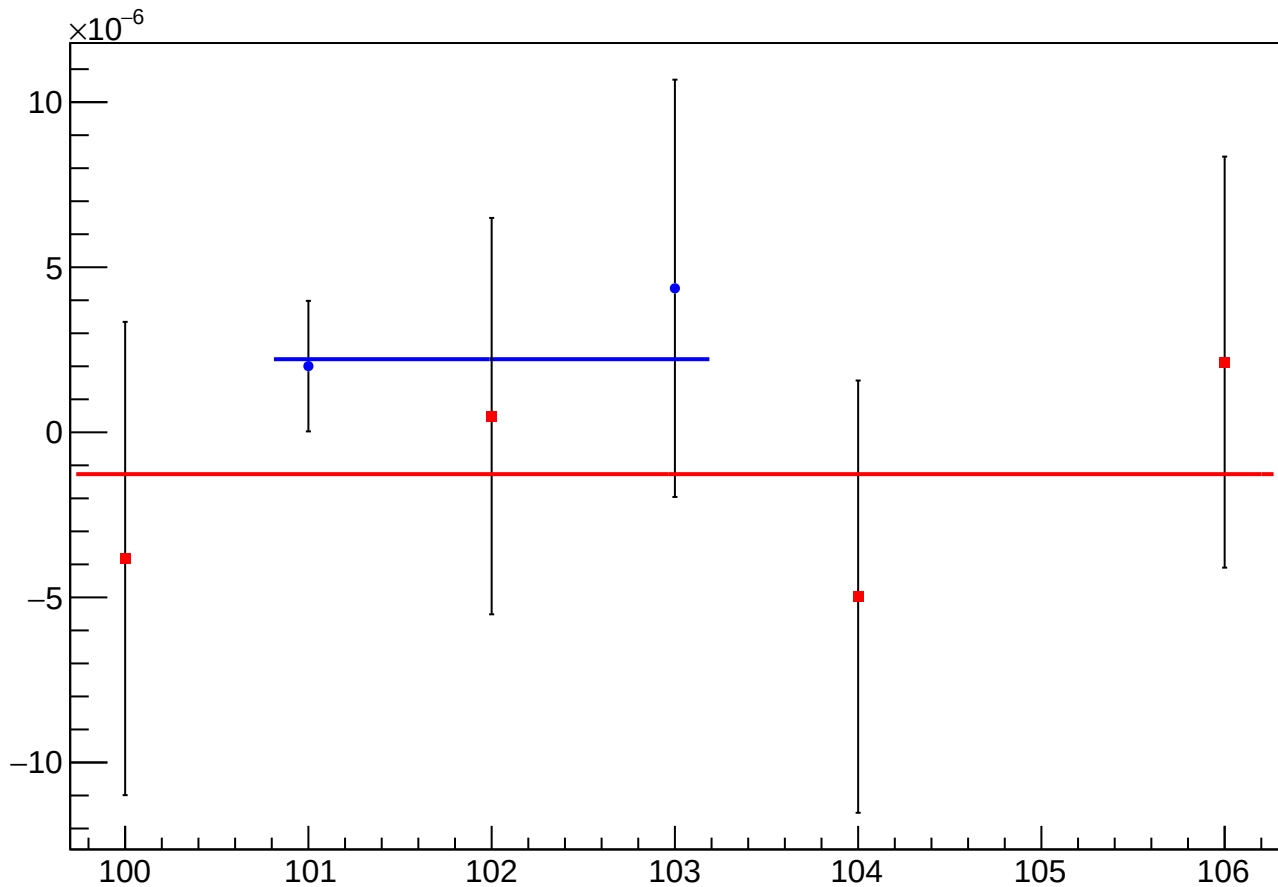
Right: 55.804+/-0.024 χ^2/NDF : 128883.8/5

In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.804+/-0.024 χ^2/NDF : 128883.8/5

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

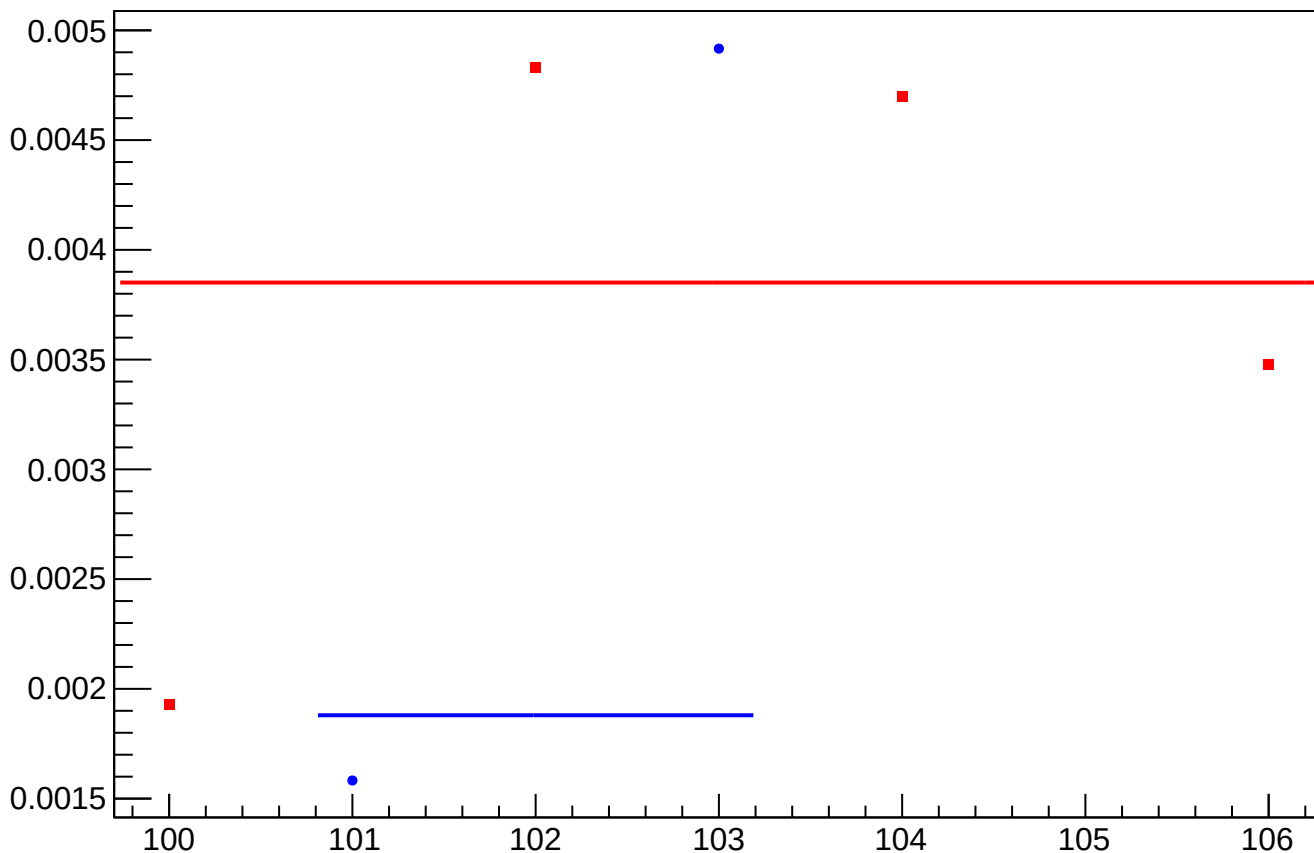
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/5

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 507018.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 238200.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

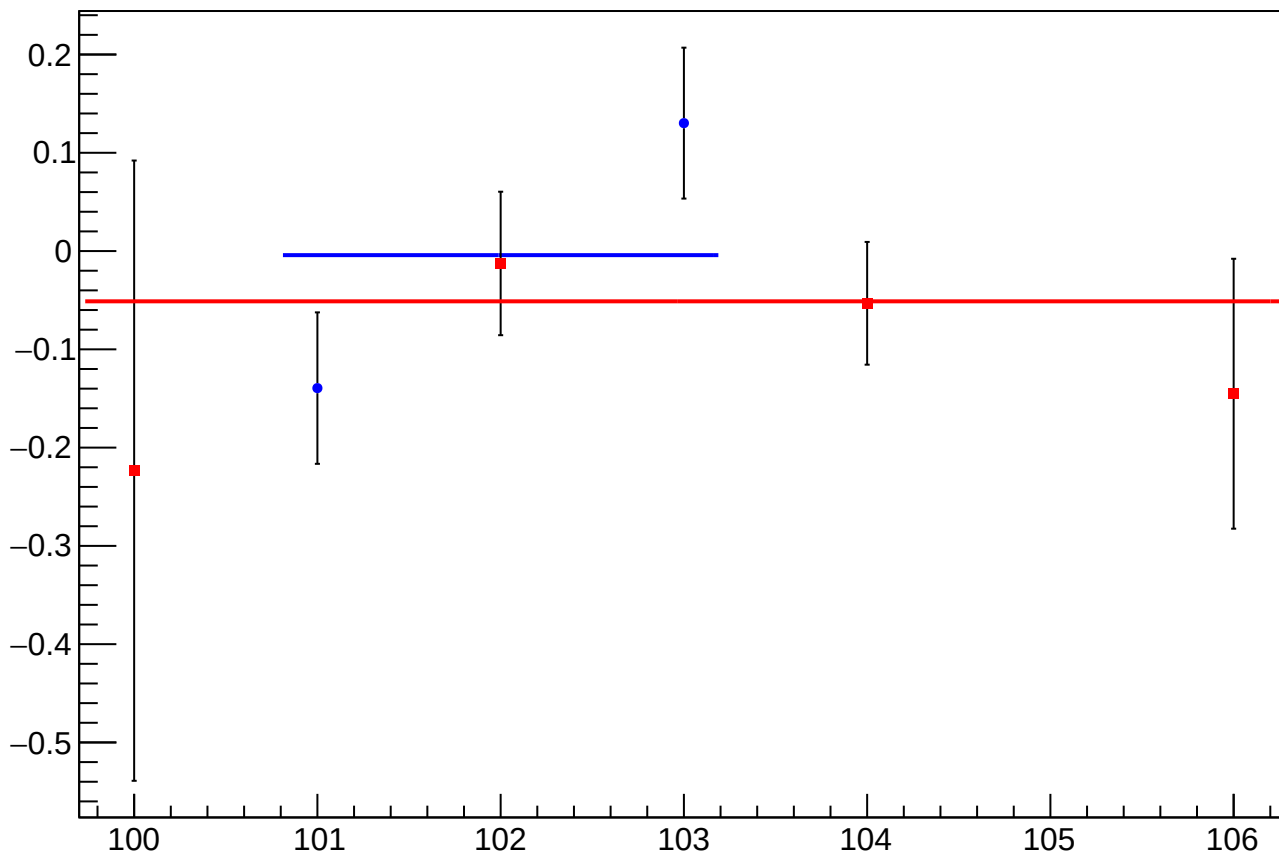
Right: 0.002+/-0.000 χ^2/NDF : 1302799.0/5

In: 0.002+/-0.000 χ^2/NDF : 507018.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1302799.0/5

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.044 χ^2 /NDF: 1.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

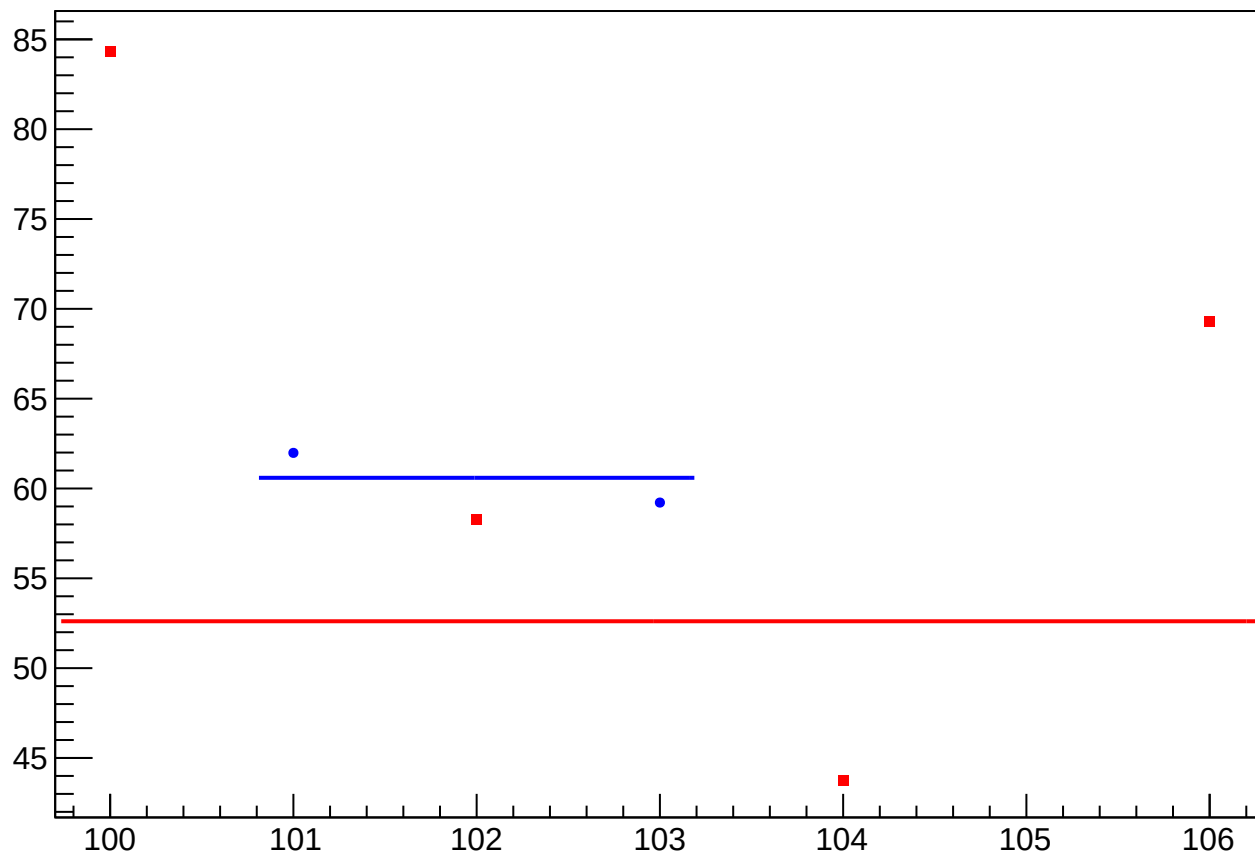
Right: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

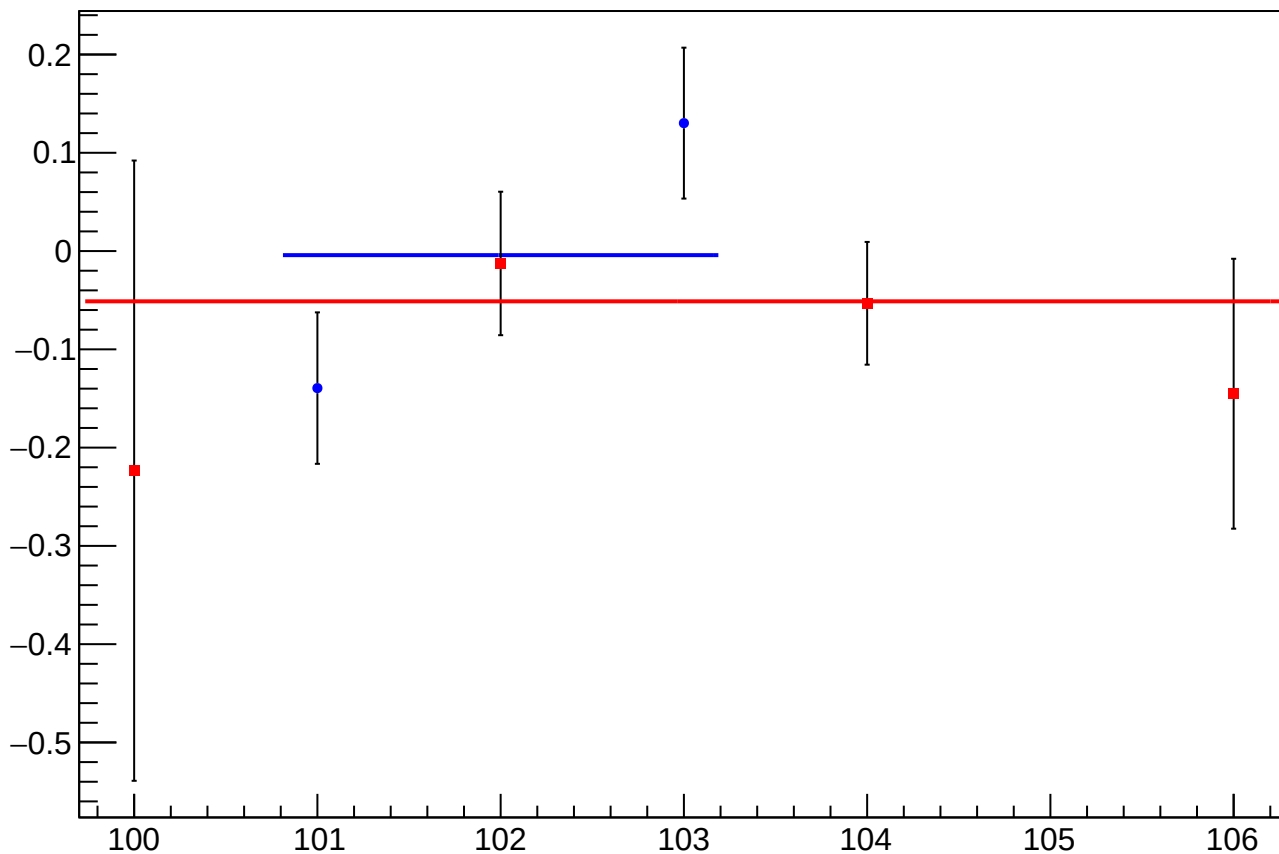
asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.595 ± 0.038 $\chi^2/\text{NDF}: 1293.3/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 52.610 ± 0.031 $\chi^2/\text{NDF}: 101719.4/3$
 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: 55.804 ± 0.024 $\chi^2/\text{NDF}: 128879.3/5$
 In: 60.595 ± 0.038 $\chi^2/\text{NDF}: 1293.3/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 55.804 ± 0.024 $\chi^2/\text{NDF}: 128879.3/5$

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.054 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.051 $\pm$ 0.044 χ^2 /NDF: 1.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

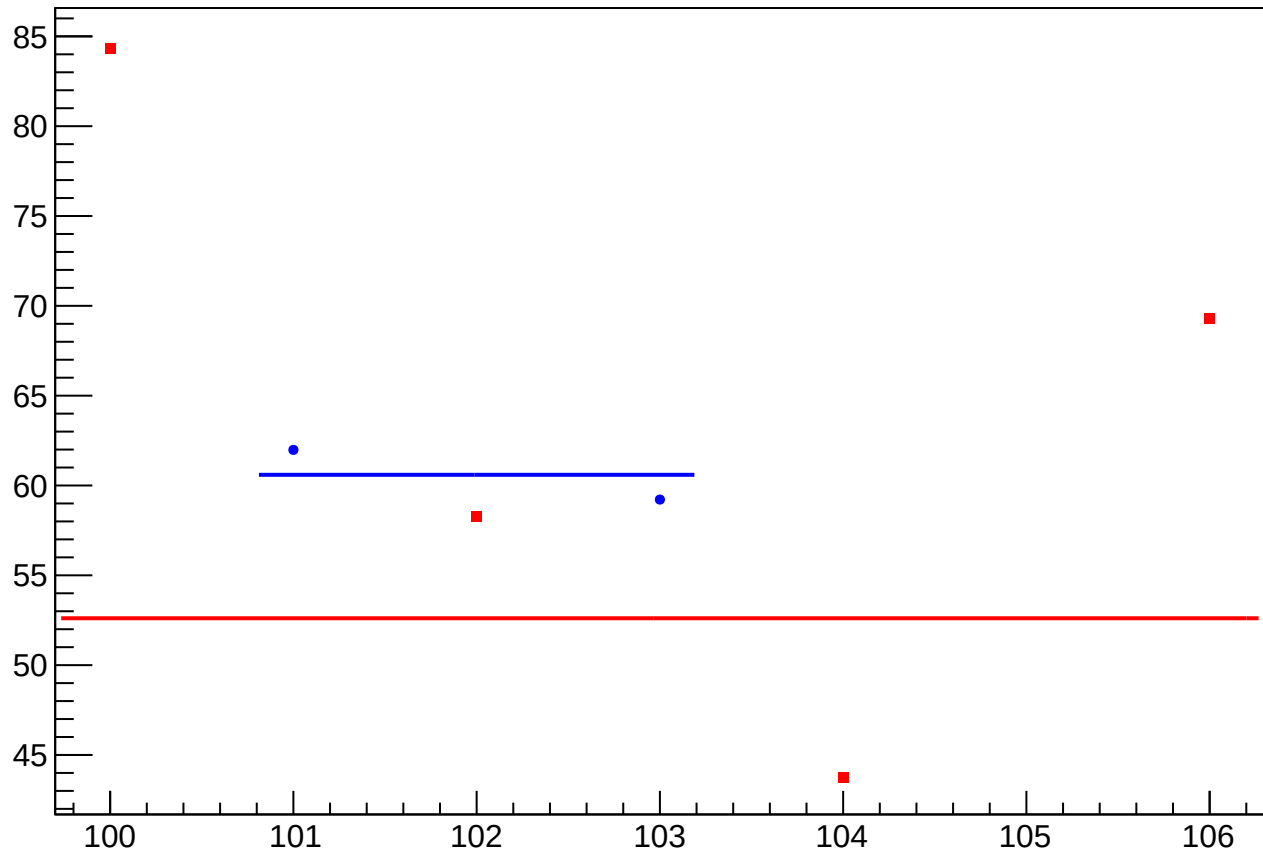
Right: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

In: -0.004 $\pm$ 0.054 χ^2 /NDF:6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.032 $\pm$ 0.034 χ^2 /NDF: 7.6/5

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.610+/-0.031 χ^2/NDF : 101719.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

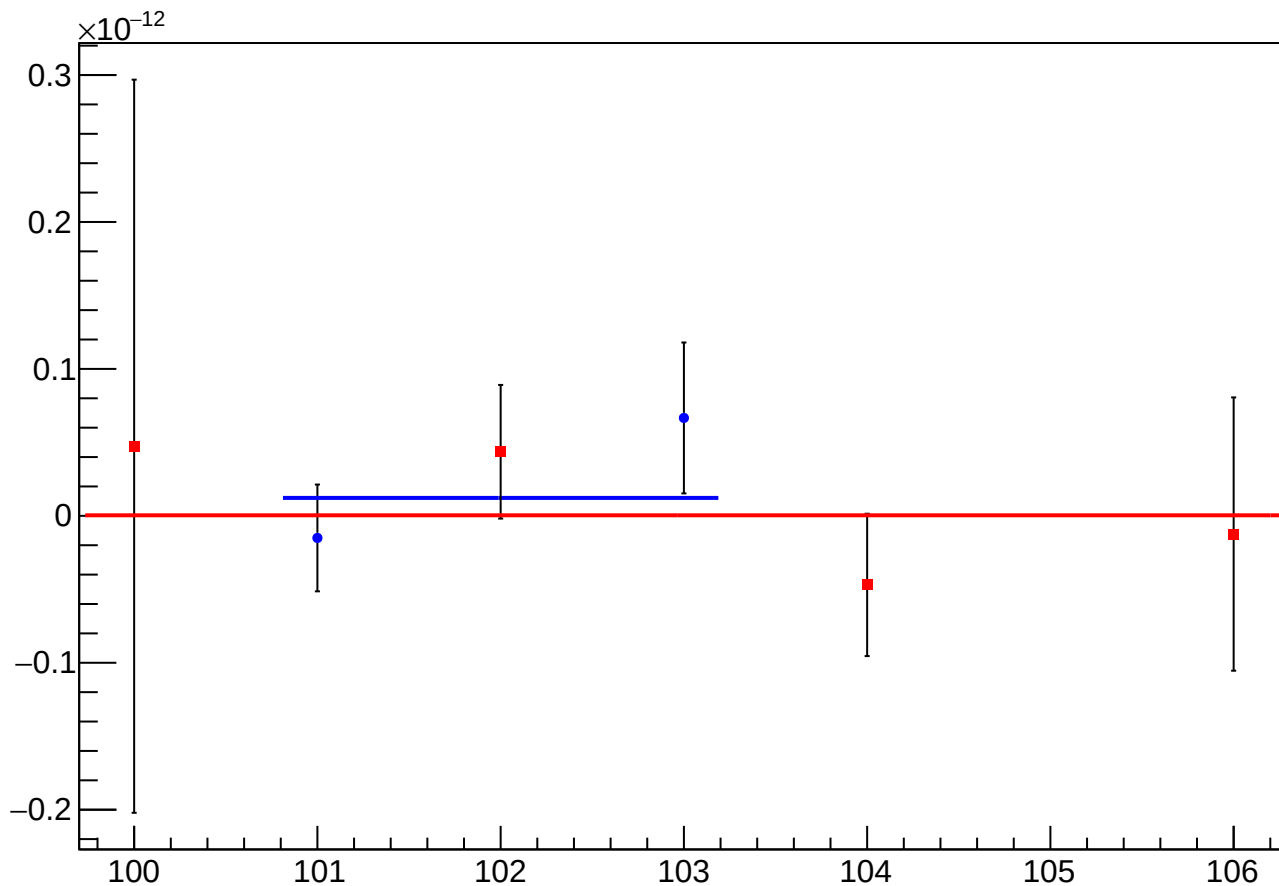
Right: 55.804+/-0.024 χ^2/NDF : 128879.3/5

In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.804+/-0.024 χ^2/NDF : 128879.3/5

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

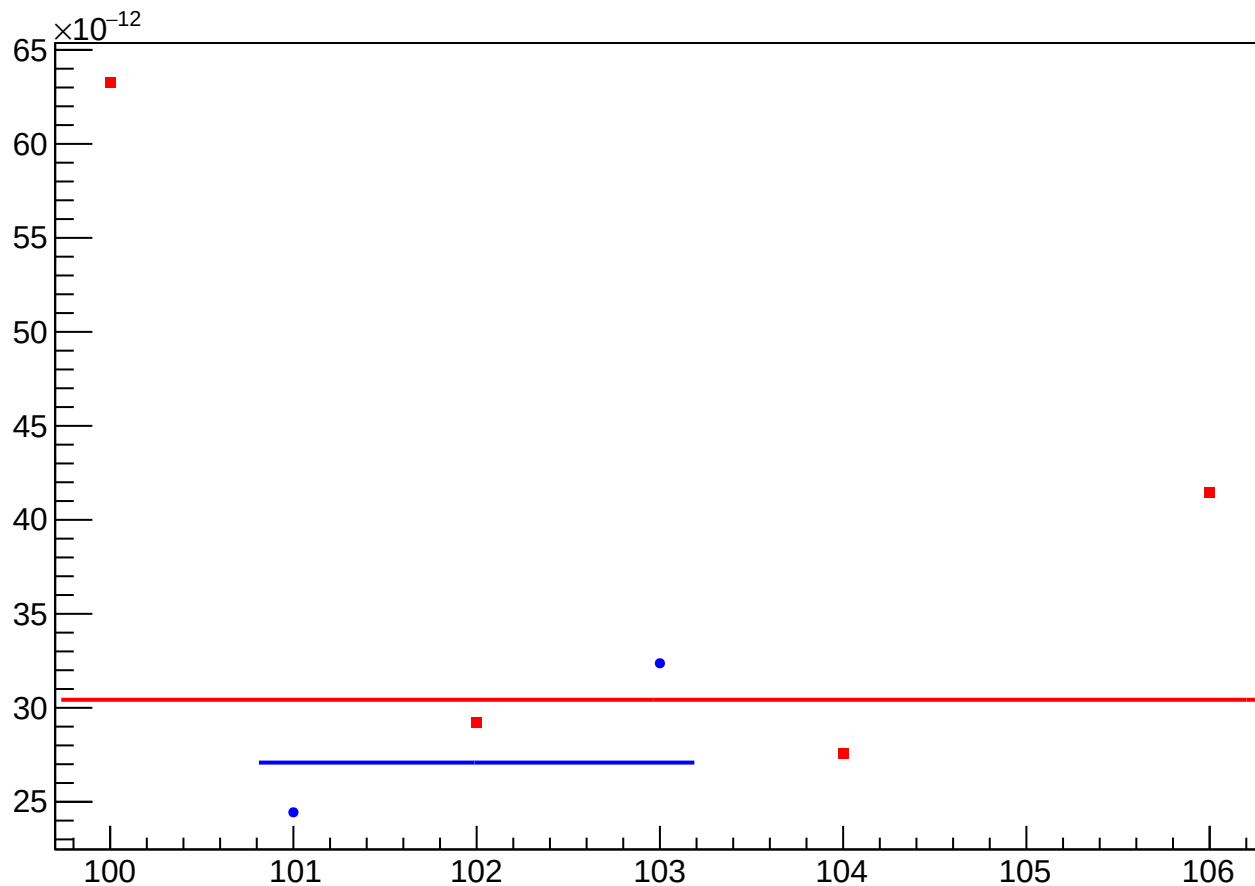
Right: 0.000+/-0.000 χ^2/NDF : 3.7/5

In: 0.000+/-0.000 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.7/5

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 31783.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 70974.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

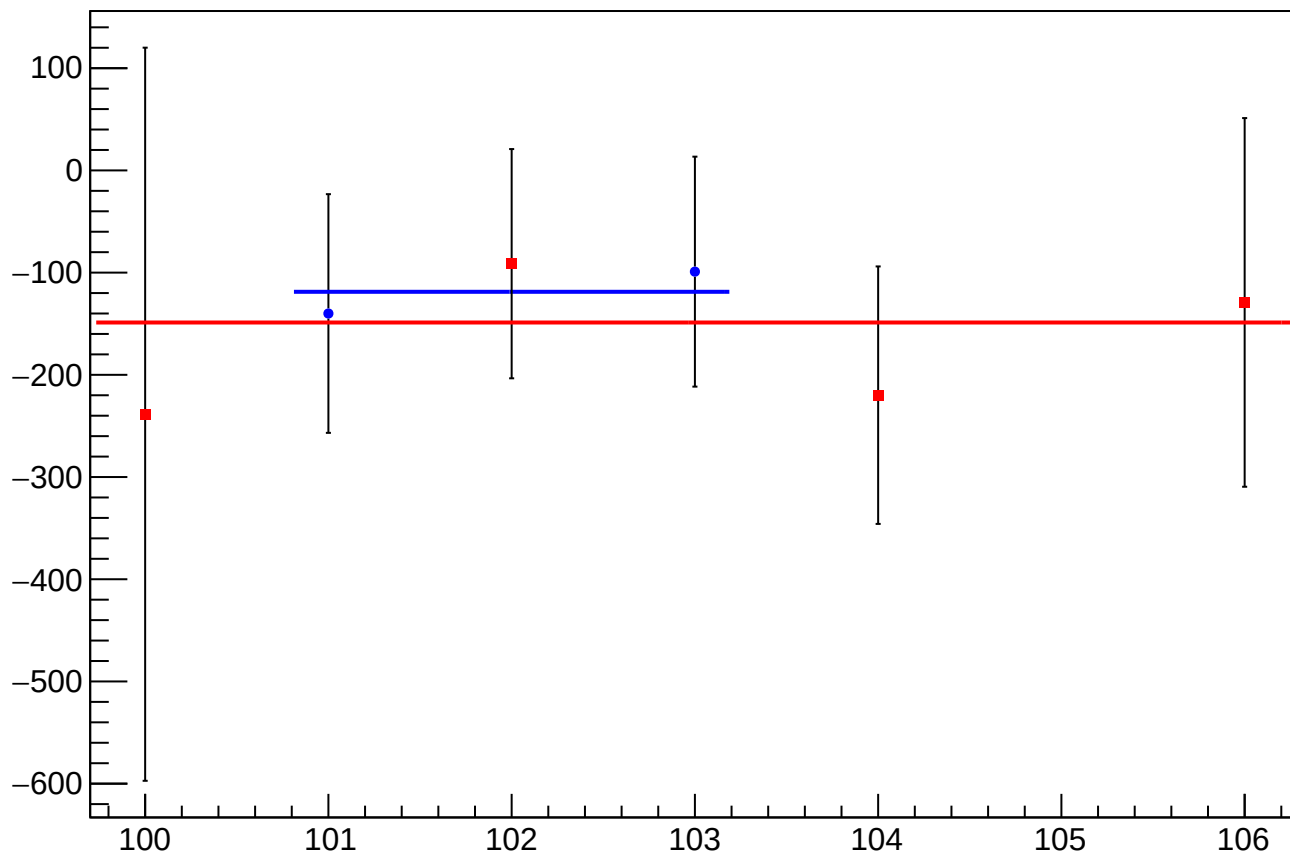
Right: 0.000+/-0.000 χ^2/NDF : 114891.0/5

In: 0.000+/-0.000 χ^2/NDF : 31783.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 114891.0/5

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.766+/-81.015 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -148.808+/-74.318 χ^2/NDF : 0.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

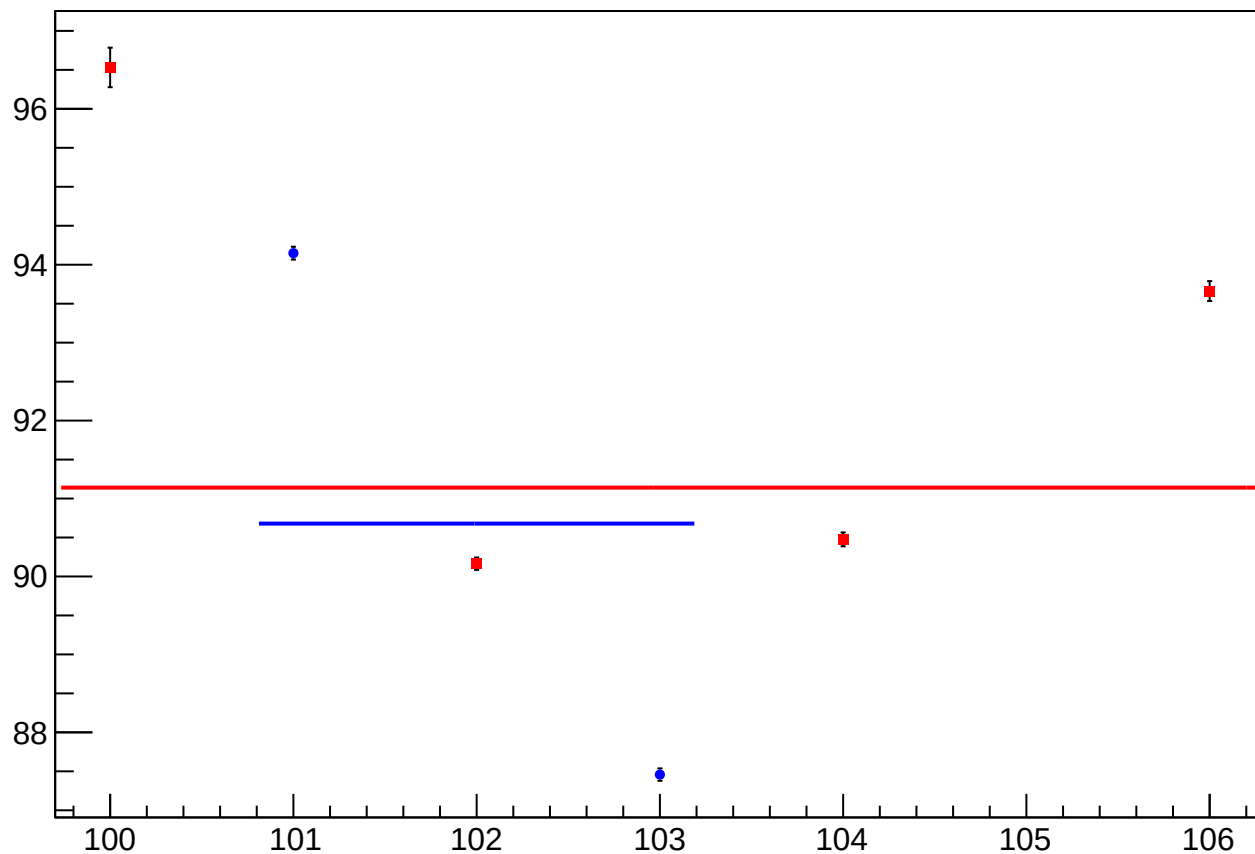
Right: -135.080+/-54.766 χ^2/NDF : 0.8/5

In: -118.766+/-81.015 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.080+/-54.766 χ^2/NDF : 0.8/5

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679 $\pm$ 0.057 χ^2 /NDF: 3405.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.140 $\pm$ 0.053 χ^2 /NDF: 1049.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

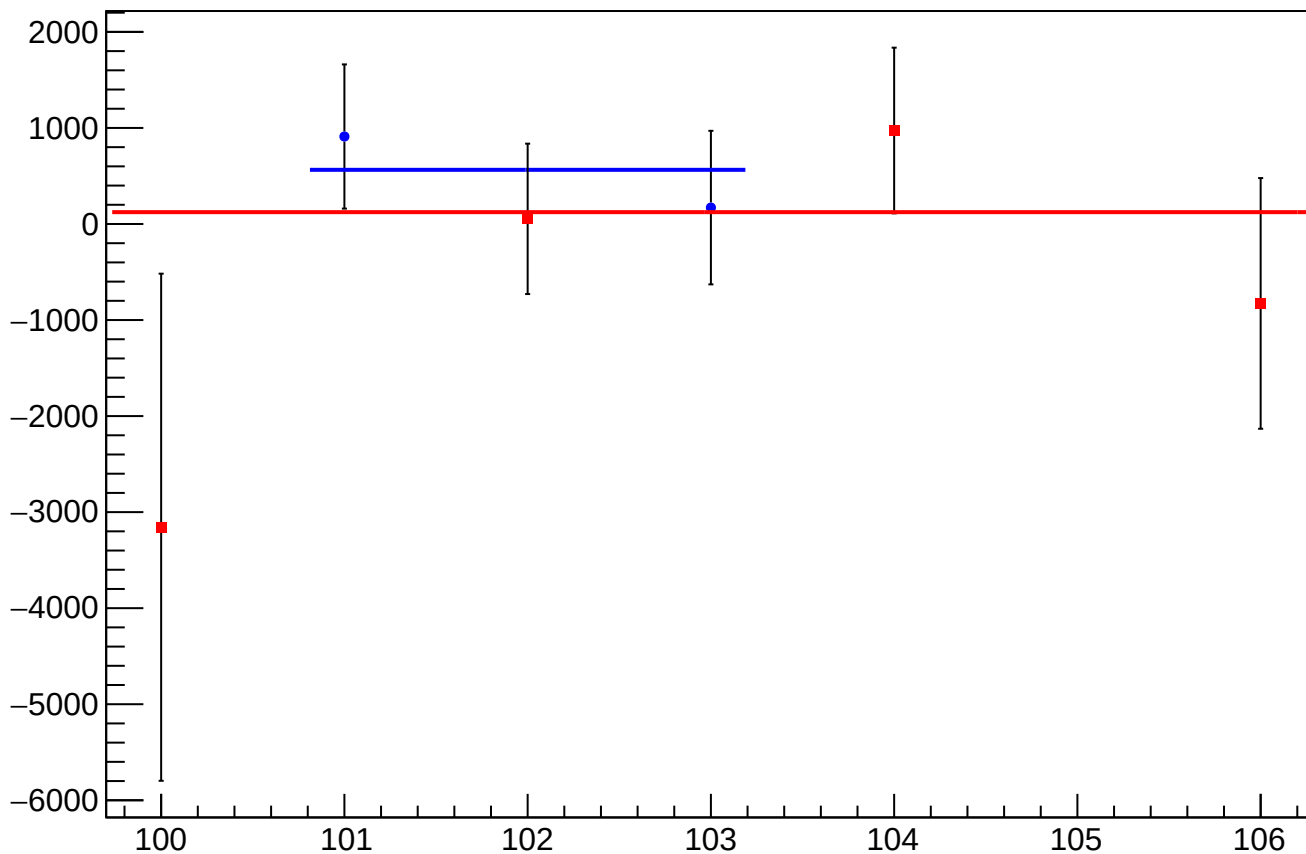
Right: 90.929 $\pm$ 0.039 χ^2 /NDF: 4490.4/5

In: 90.679 $\pm$ 0.057 χ^2 /NDF:3405.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 90.929 $\pm$ 0.039 χ^2 /NDF: 4490.4/5

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 563.978 $\pm$ 547.236 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.295 $\pm$ 519.421 χ^2 /NDF: 3.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

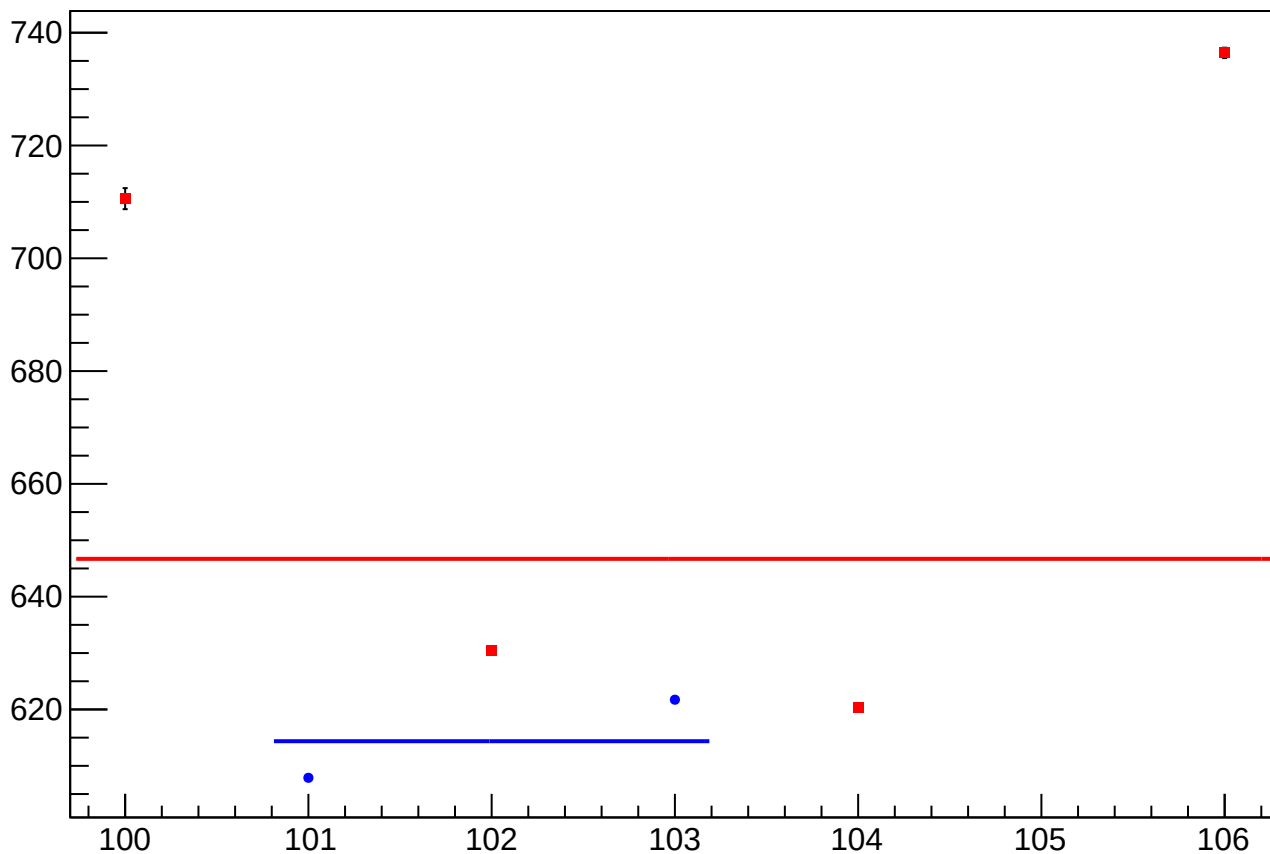
Right: 332.153 $\pm$ 376.736 χ^2 /NDF: 3.9/5

In: 563.978 $\pm$ 547.236 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 332.153 $\pm$ 376.736 χ^2 /NDF: 3.9/5

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 614.369 ± 0.387 $\chi^2/\text{NDF}: 318.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 646.706 ± 0.367 $\chi^2/\text{NDF}: 13344.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

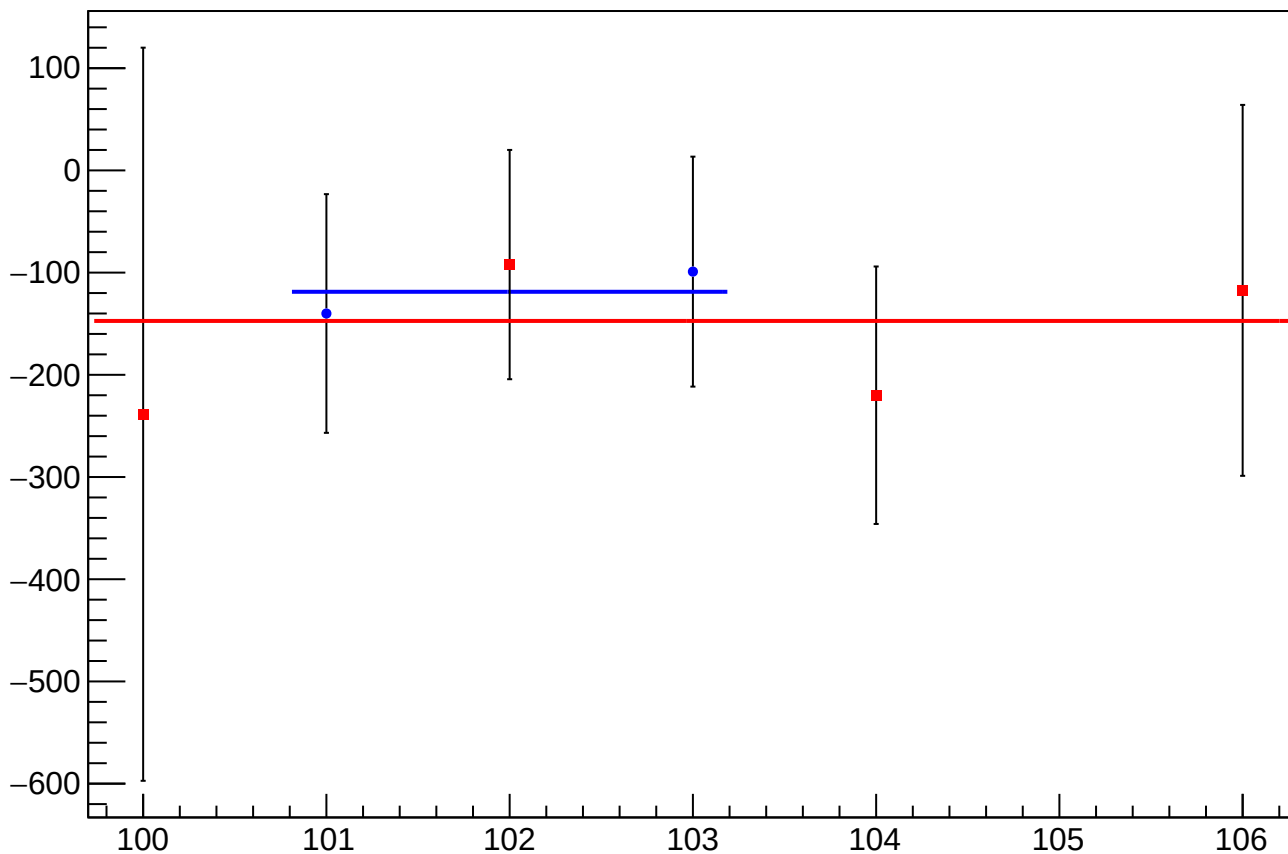
Right: 631.380 ± 0.266 $\chi^2/\text{NDF}: 17337.0/5$

In: 614.369 ± 0.387 $\chi^2/\text{NDF}: 318.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 631.380 ± 0.266 $\chi^2/\text{NDF}: 17337.0/5$

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -147.287 $\pm$ 74.400 χ^2 /NDF: 0.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

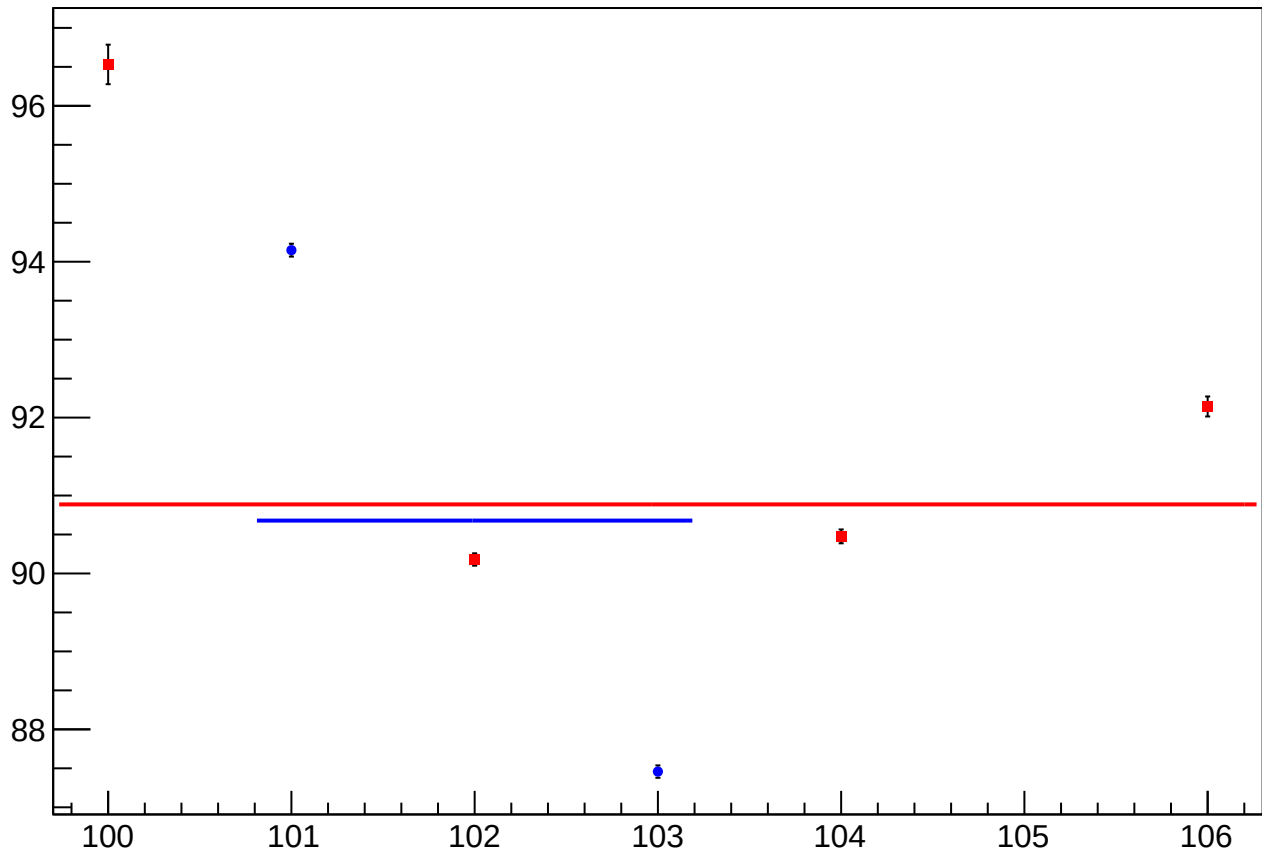
Right: -134.236 $\pm$ 54.799 χ^2 /NDF: 0.8/5

In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -134.236 $\pm$ 54.799 χ^2 /NDF: 0.8/5

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.886+/-0.053 χ^2/NDF : 692.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

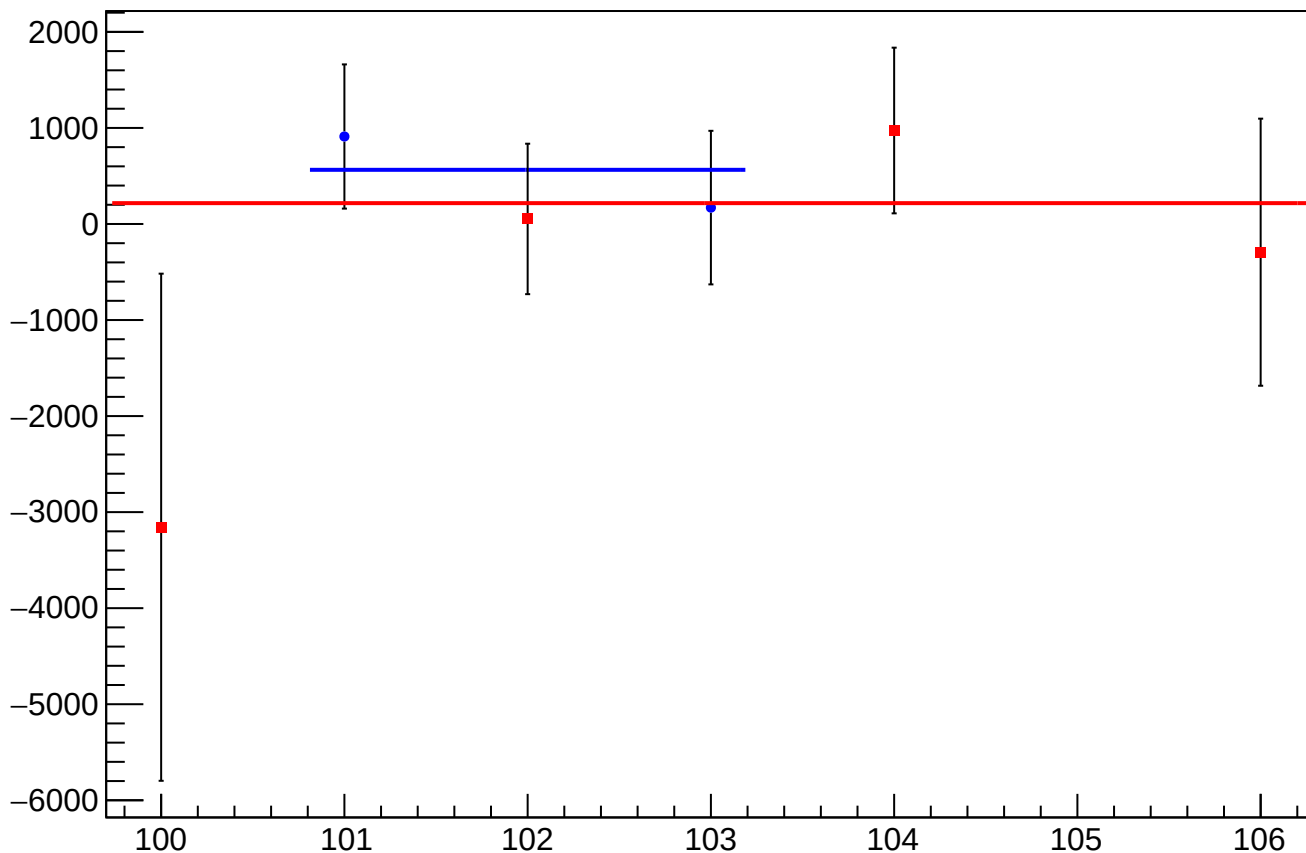
Right: 90.791+/-0.039 χ^2/NDF : 4104.3/5

In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.791+/-0.039 χ^2/NDF : 4104.3/5

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 563.932 $\pm$ 547.241 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 217.022 $\pm$ 524.483 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

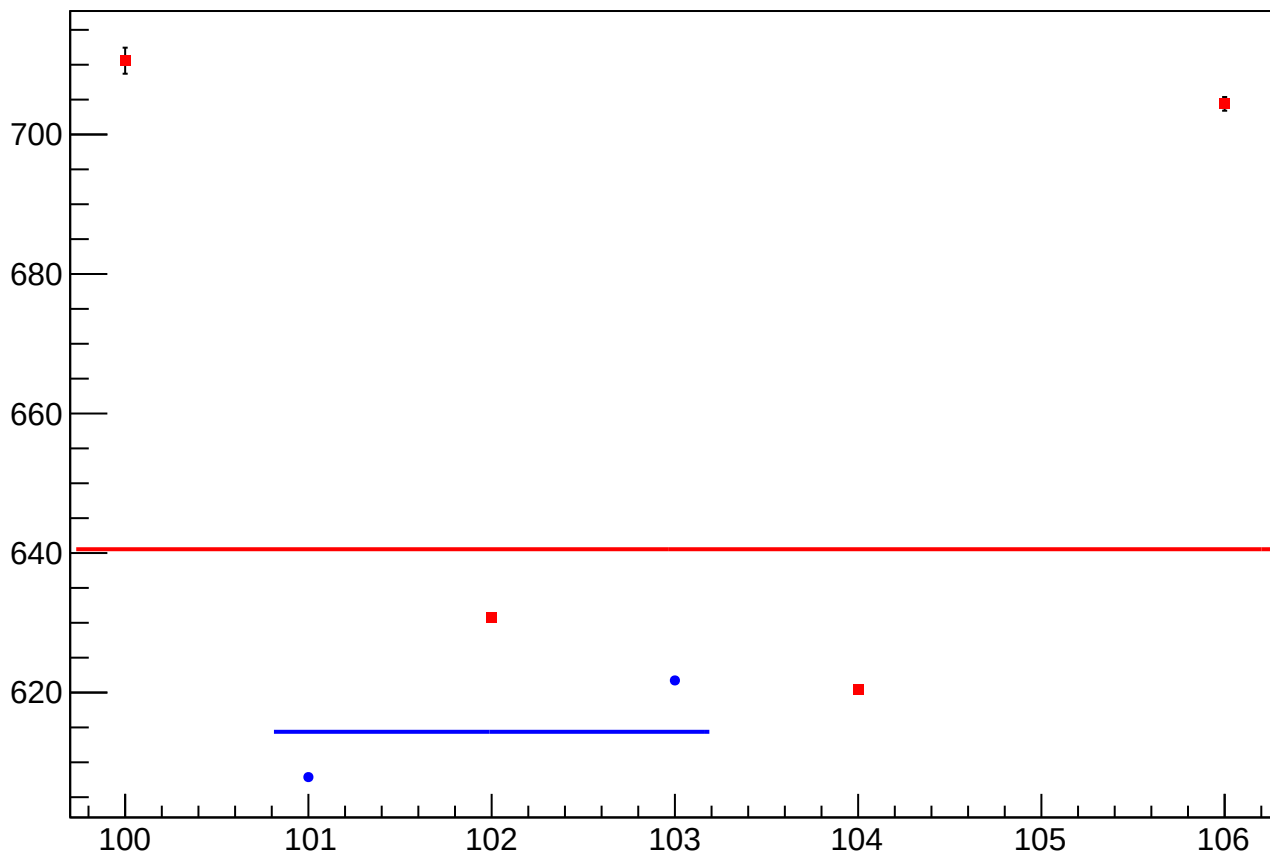
Right: 383.114 $\pm$ 378.656 χ^2 /NDF: 3.2/5

In: 563.932 $\pm$ 547.241 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 383.114 $\pm$ 378.656 χ^2 /NDF: 3.2/5

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 614.374 ± 0.387 χ^2/NDF : 319.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 640.546 ± 0.371 χ^2/NDF : 7029.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

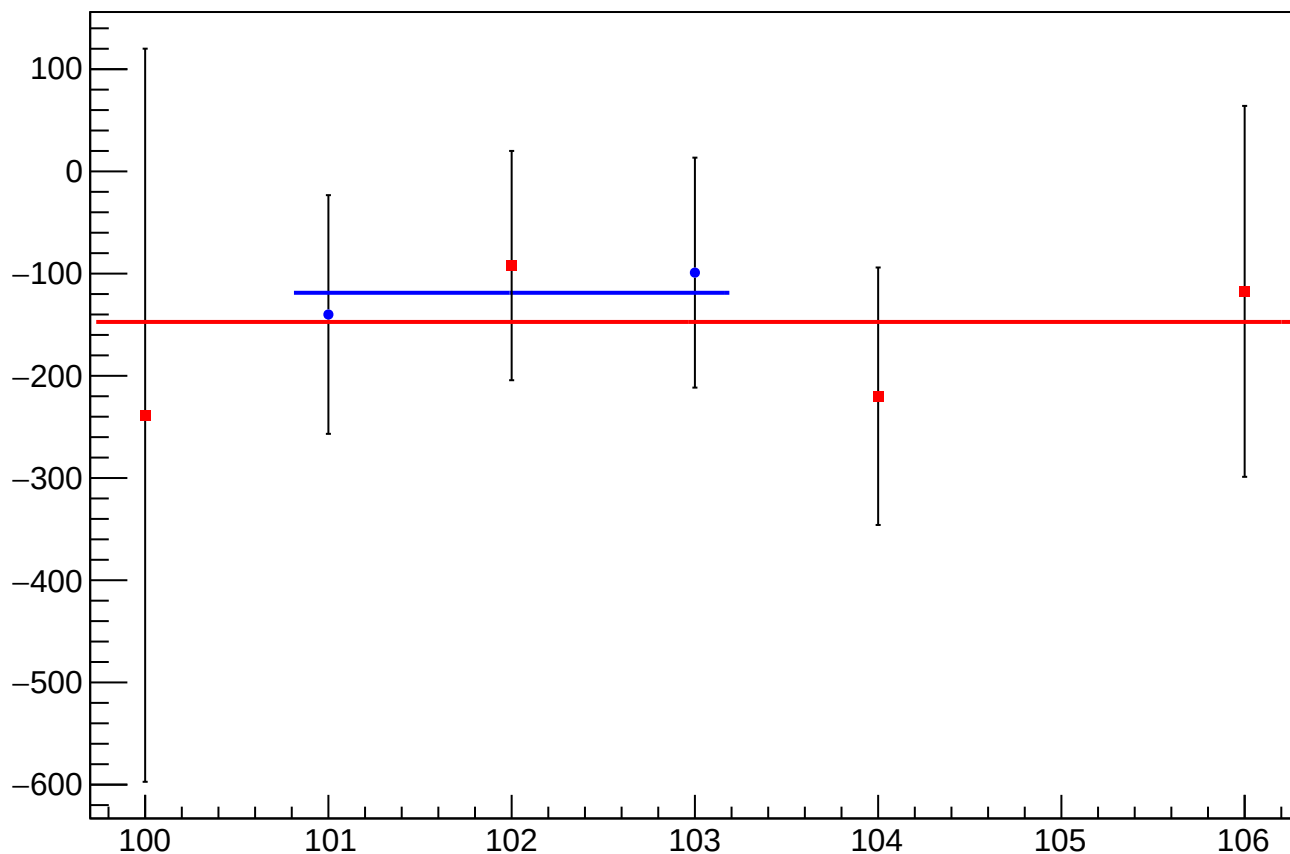
Right: 628.015 ± 0.268 χ^2/NDF : 9733.2/5

In: 614.374 ± 0.387 χ^2/NDF : 319.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 628.015 ± 0.268 χ^2/NDF : 9733.2/5

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -147.287 $\pm$ 74.400 χ^2 /NDF: 0.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

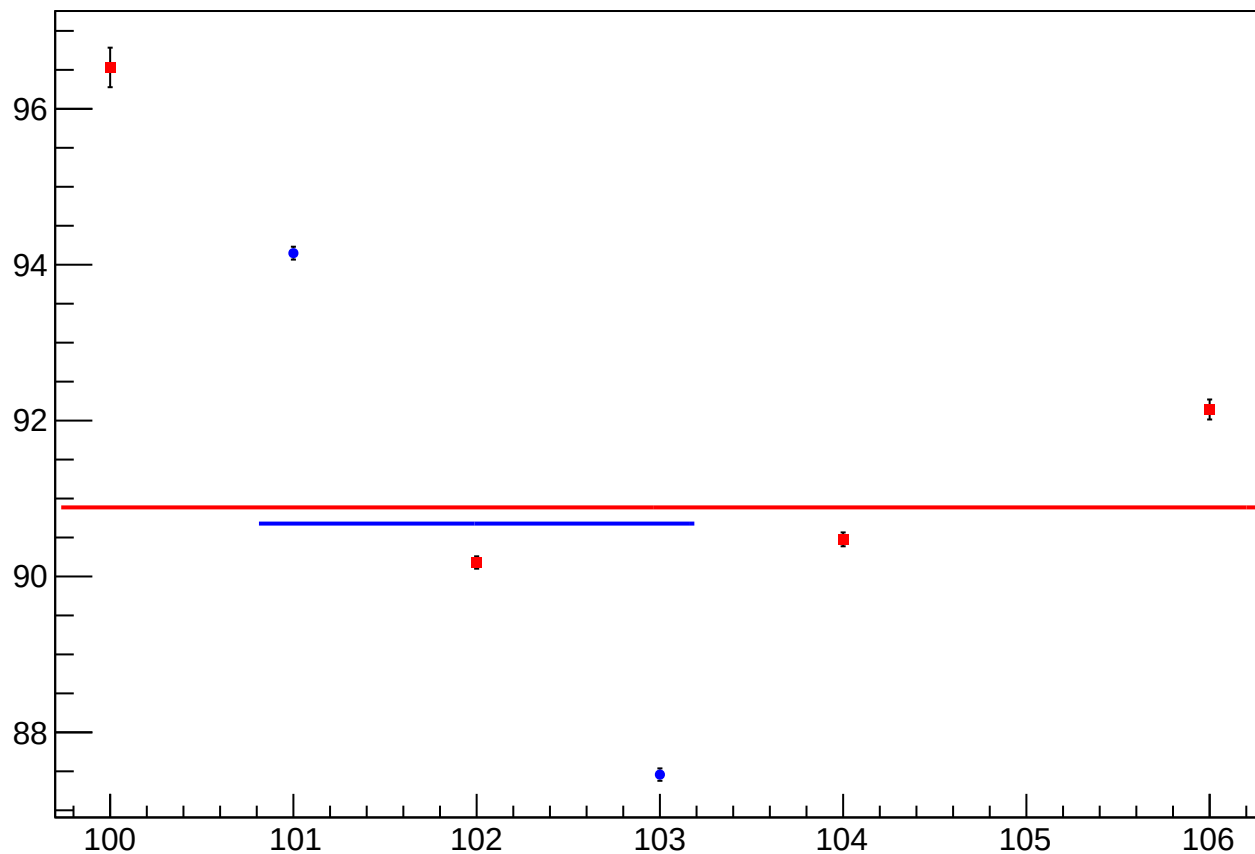
Right: -134.236 $\pm$ 54.799 χ^2 /NDF: 0.8/5

In: -118.762 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -134.236 $\pm$ 54.799 χ^2 /NDF: 0.8/5

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.886+/-0.053 χ^2/NDF : 692.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

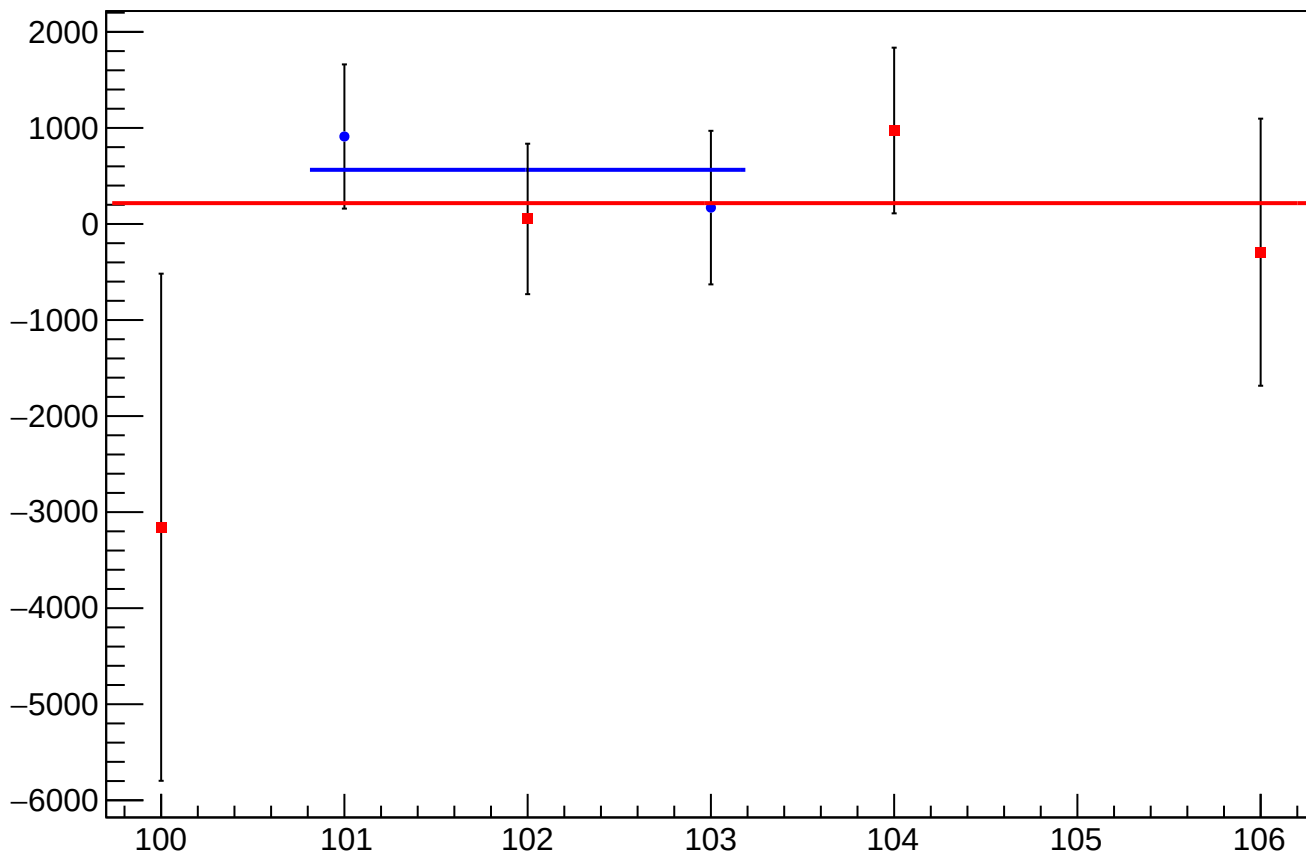
Right: 90.791+/-0.039 χ^2/NDF : 4104.3/5

In: 90.679+/-0.057 χ^2/NDF : 3405.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.791+/-0.039 χ^2/NDF : 4104.3/5

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 563.932 $\pm$ 547.241 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 217.022 $\pm$ 524.483 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

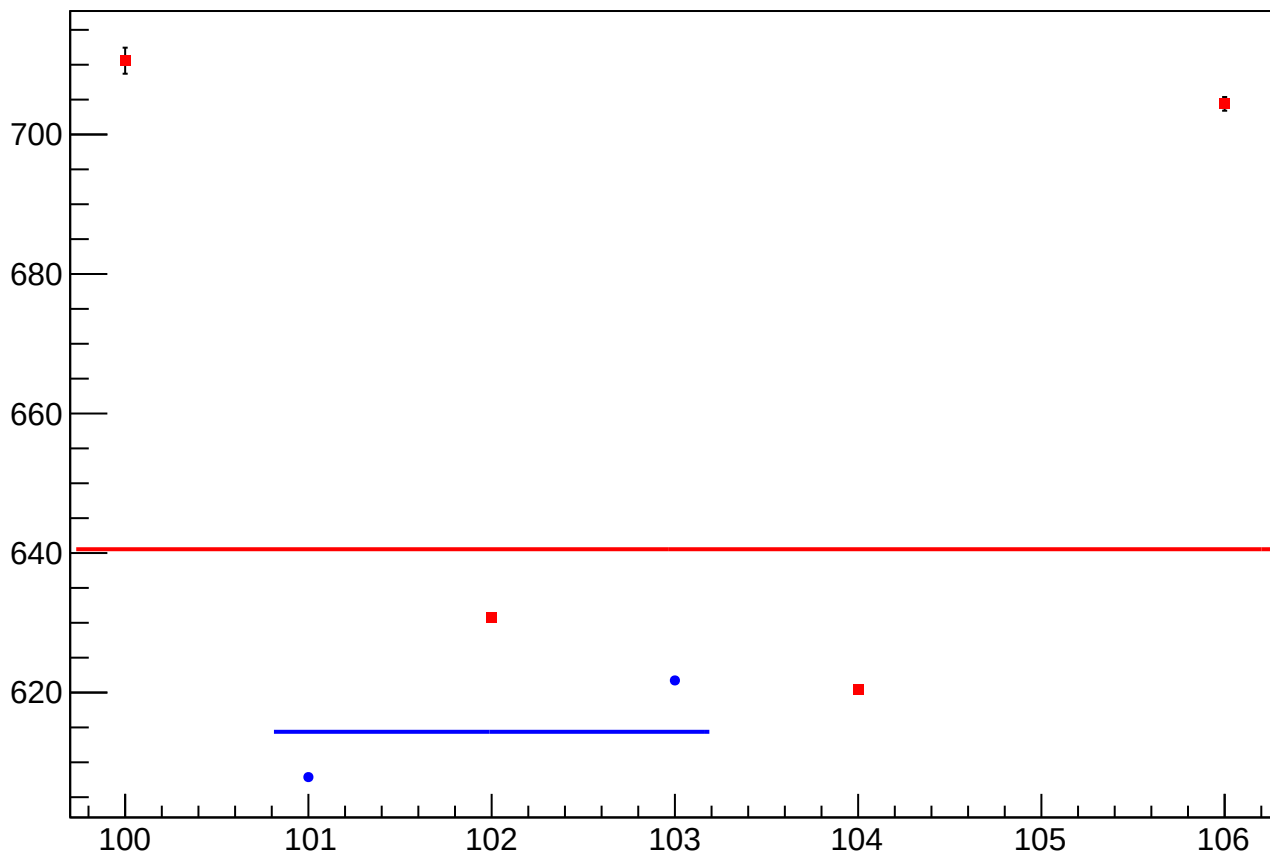
Right: 383.114 $\pm$ 378.656 χ^2 /NDF: 3.2/5

In: 563.932 $\pm$ 547.241 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 383.114 $\pm$ 378.656 χ^2 /NDF: 3.2/5

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 614.374 ± 0.387 χ^2/NDF : 319.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 640.546 ± 0.371 χ^2/NDF : 7029.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

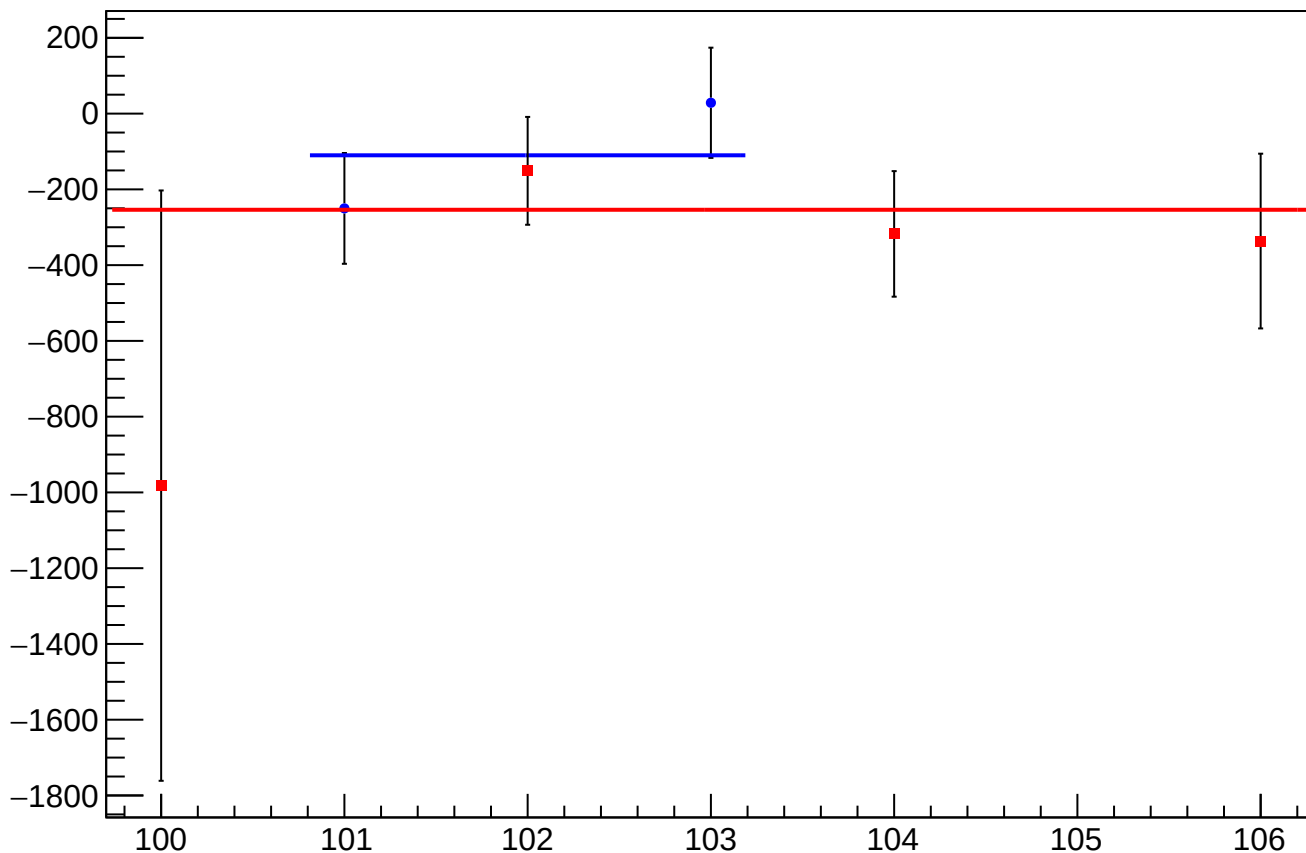
Right: 628.015 ± 0.268 χ^2/NDF : 9733.2/5

In: 614.374 ± 0.387 χ^2/NDF : 319.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 628.015 ± 0.268 χ^2/NDF : 9733.2/5

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -110.050+/-103.134 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -253.844+/-97.041 χ^2/NDF : 1.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

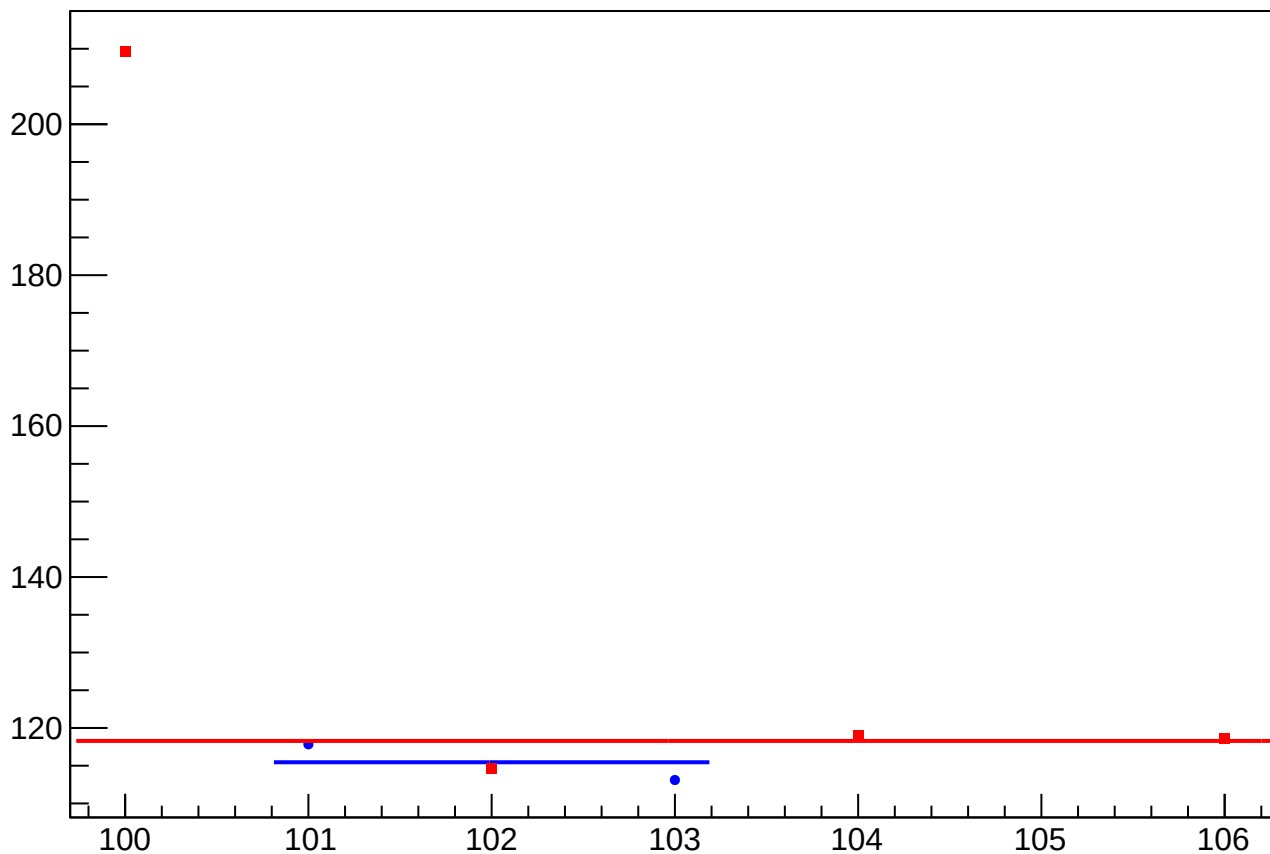
Right: -186.320+/-70.674 χ^2/NDF : 4.5/5

In: -110.050+/-103.134 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -186.320+/-70.674 χ^2/NDF : 4.5/5

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.457 ± 0.073 $\chi^2/\text{NDF}: 1052.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 118.283 ± 0.069 $\chi^2/\text{NDF}: 28872.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

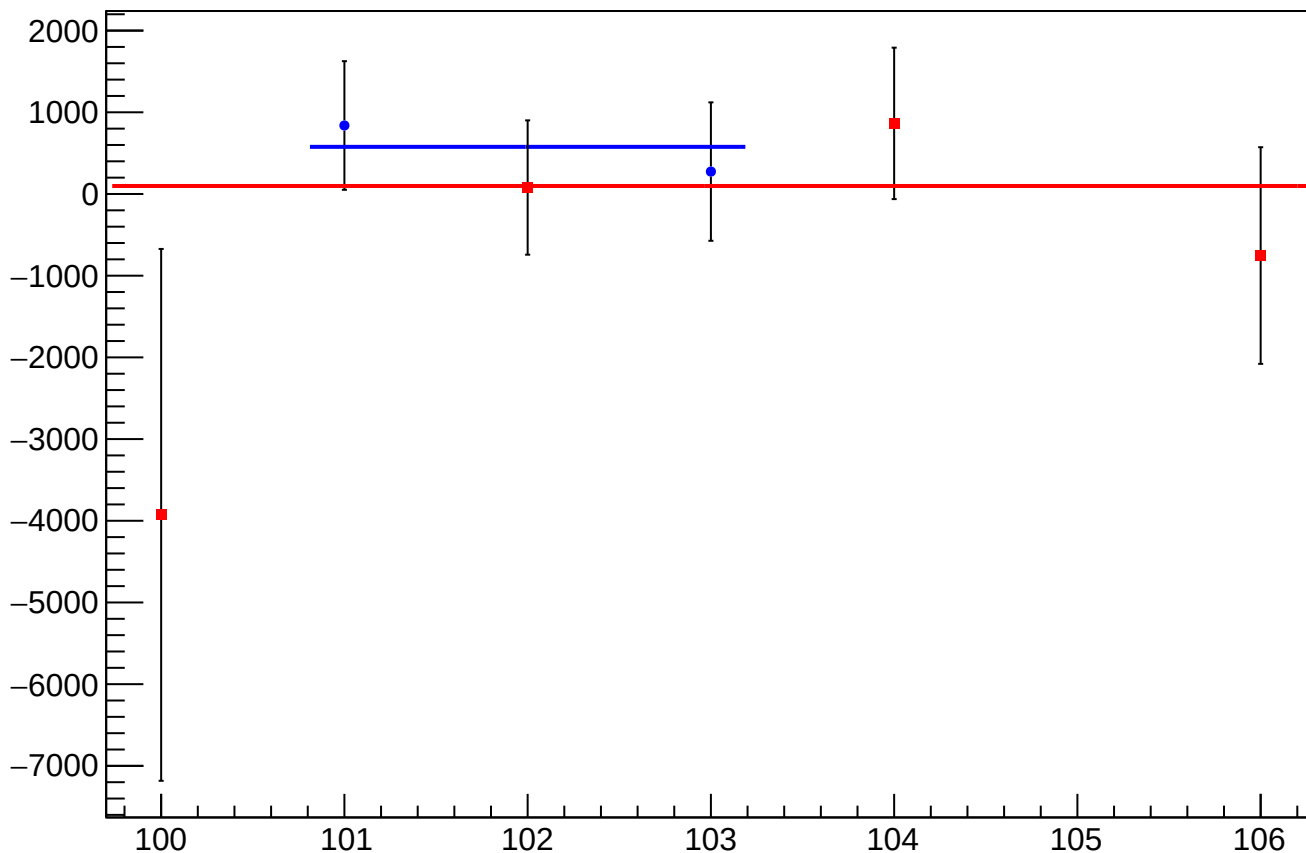
Right: 116.956 ± 0.050 $\chi^2/\text{NDF}: 30721.4/5$

In: 115.457 ± 0.073 $\chi^2/\text{NDF}: 1052.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 116.956 ± 0.050 $\chi^2/\text{NDF}: 30721.4/5$

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 577.063+/-576.638 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.953+/-549.878 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

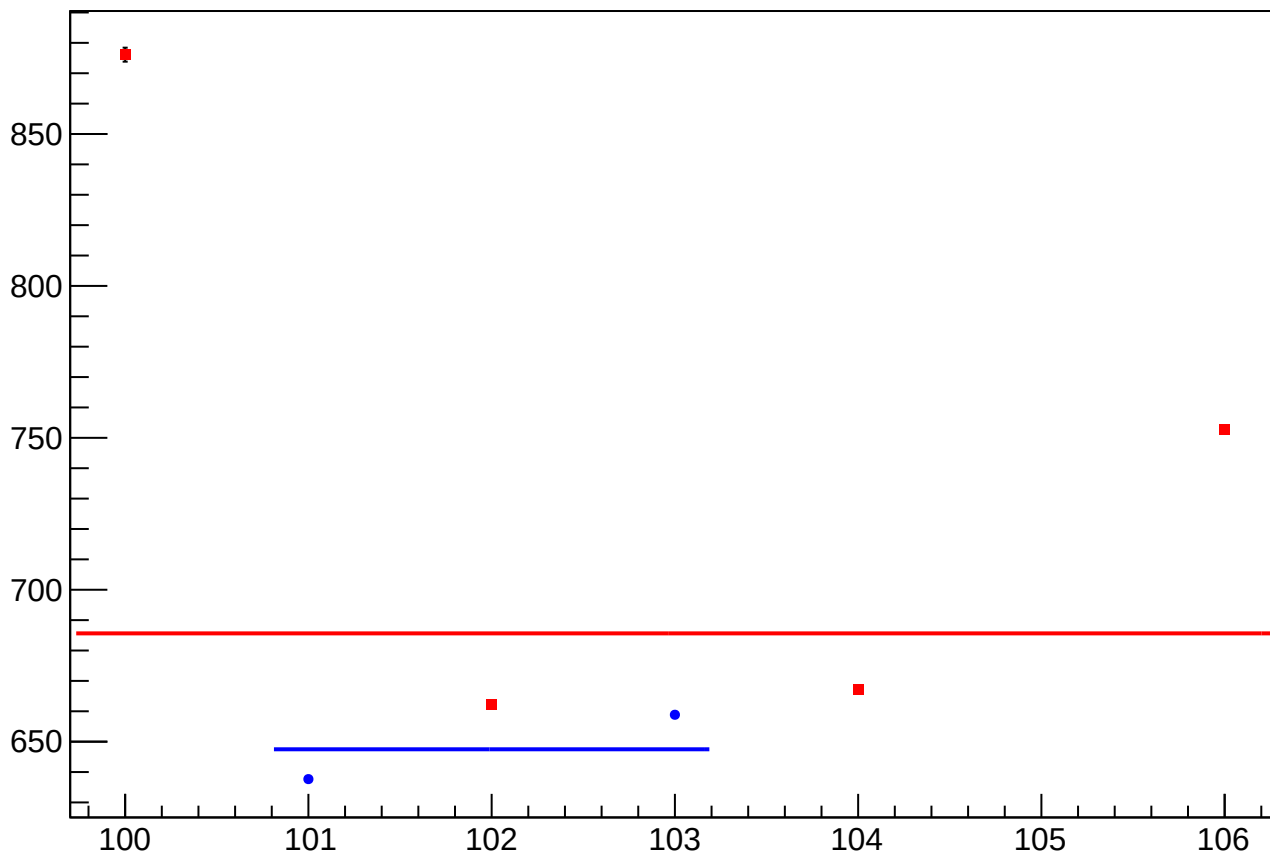
Right: 326.133+/-397.946 χ^2/NDF : 3.2/5

In: 577.063+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.133+/-397.946 χ^2/NDF : 3.2/5

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489+/-0.408 χ^2/NDF : 670.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.641+/-0.389 χ^2/NDF : 14361.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

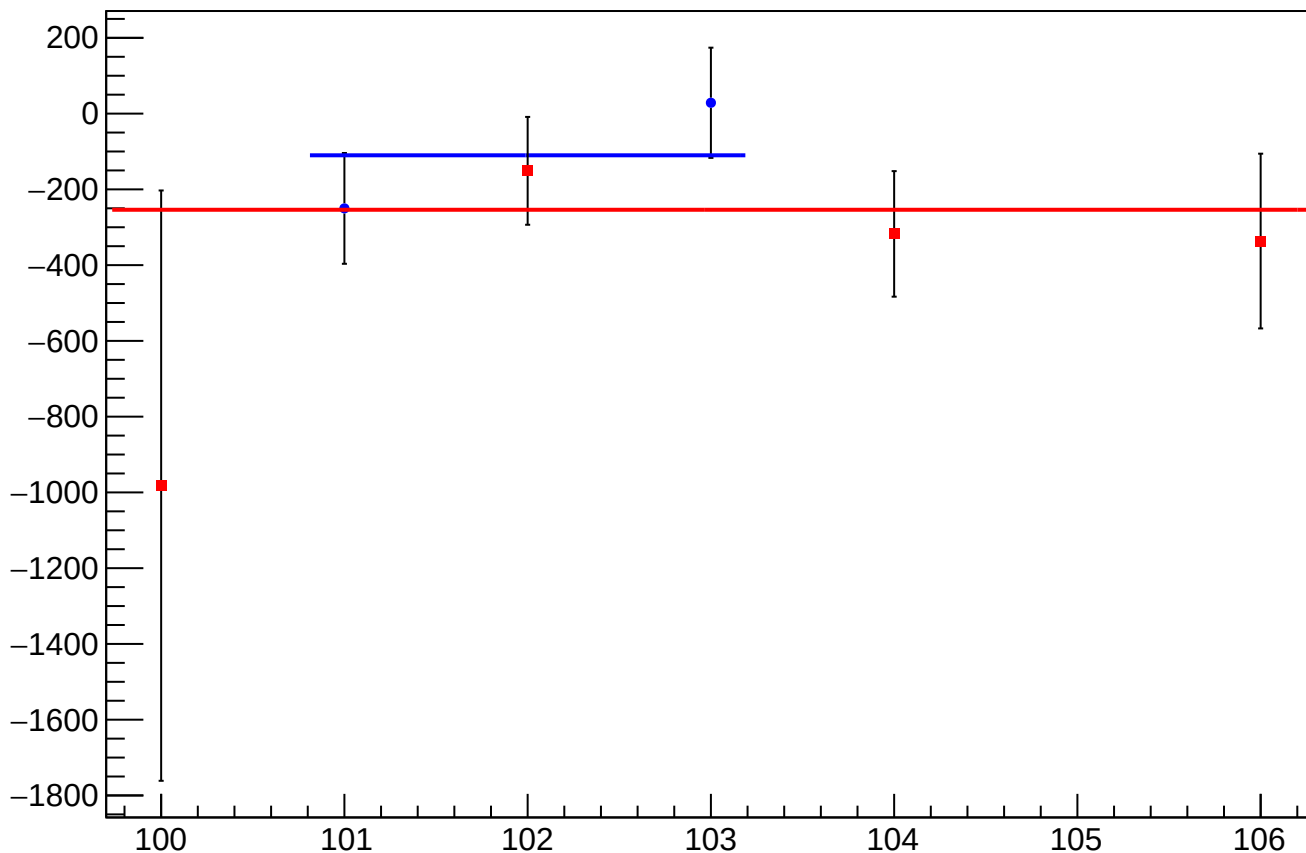
Right: 667.471+/-0.281 χ^2/NDF : 19617.6/5

In: 647.489+/-0.408 χ^2/NDF : 670.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.471+/-0.281 χ^2/NDF : 19617.6/5

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -110.044 $\pm$ 103.134 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -253.844 $\pm$ 97.040 χ^2 /NDF: 1.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

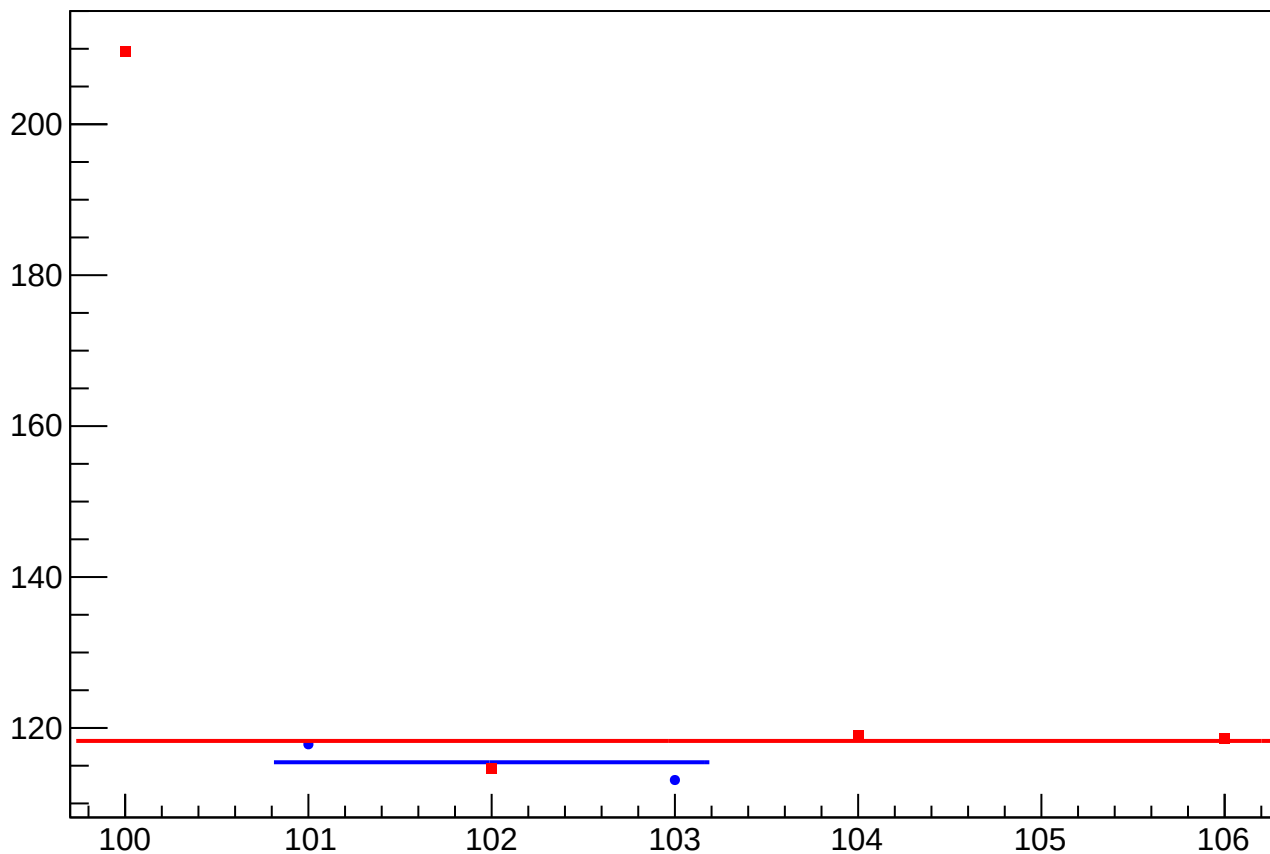
Right: -186.318 $\pm$ 70.674 χ^2 /NDF: 4.5/5

In: -110.044 $\pm$ 103.134 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -186.318 $\pm$ 70.674 χ^2 /NDF: 4.5/5

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.456+/-0.073 χ^2/NDF : 1052.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.283+/-0.069 χ^2/NDF : 28873.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

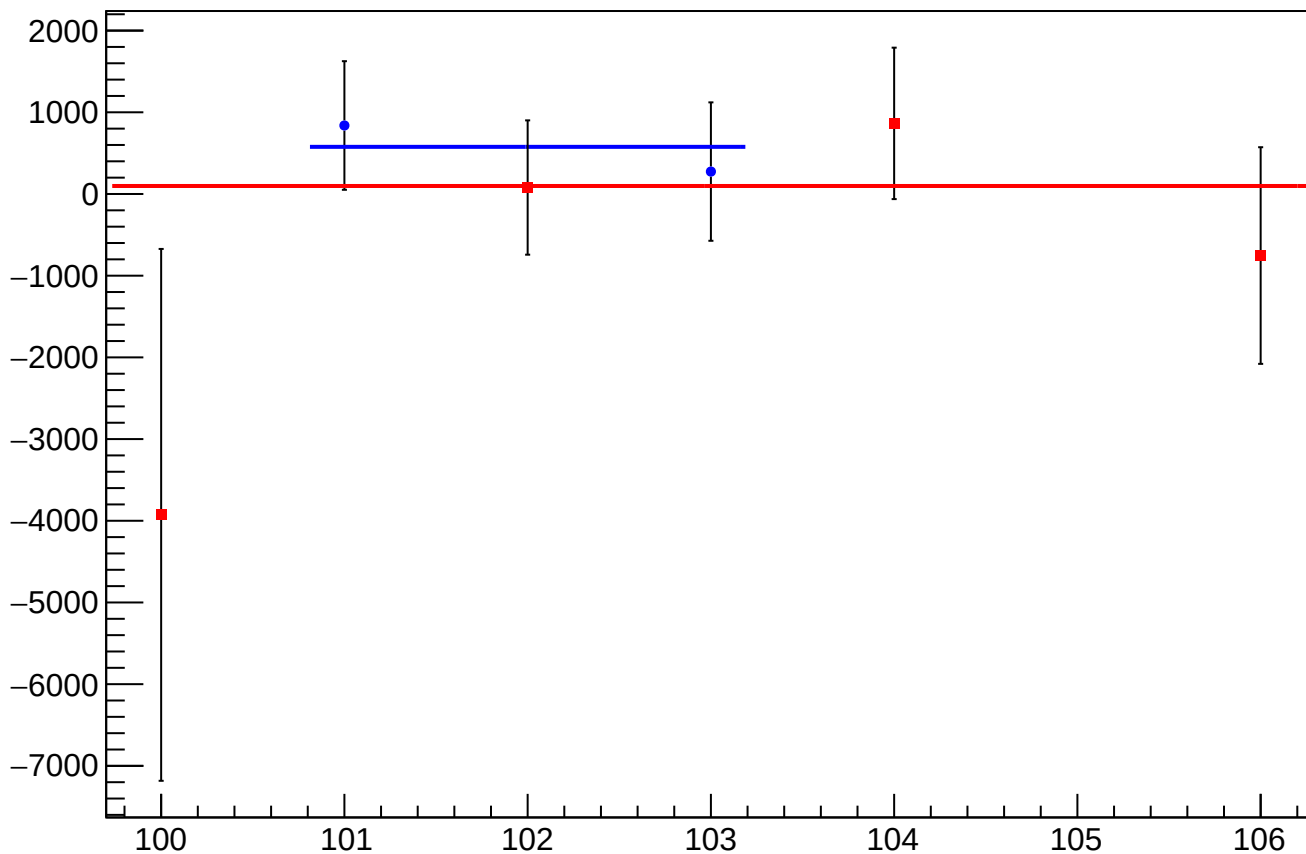
Right: 116.955+/-0.050 χ^2/NDF : 30722.9/5

In: 115.456+/-0.073 χ^2/NDF : 1052.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.955+/-0.050 χ^2/NDF : 30722.9/5

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 577.067+/-576.638 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.953+/-549.876 χ^2/NDF : 2.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

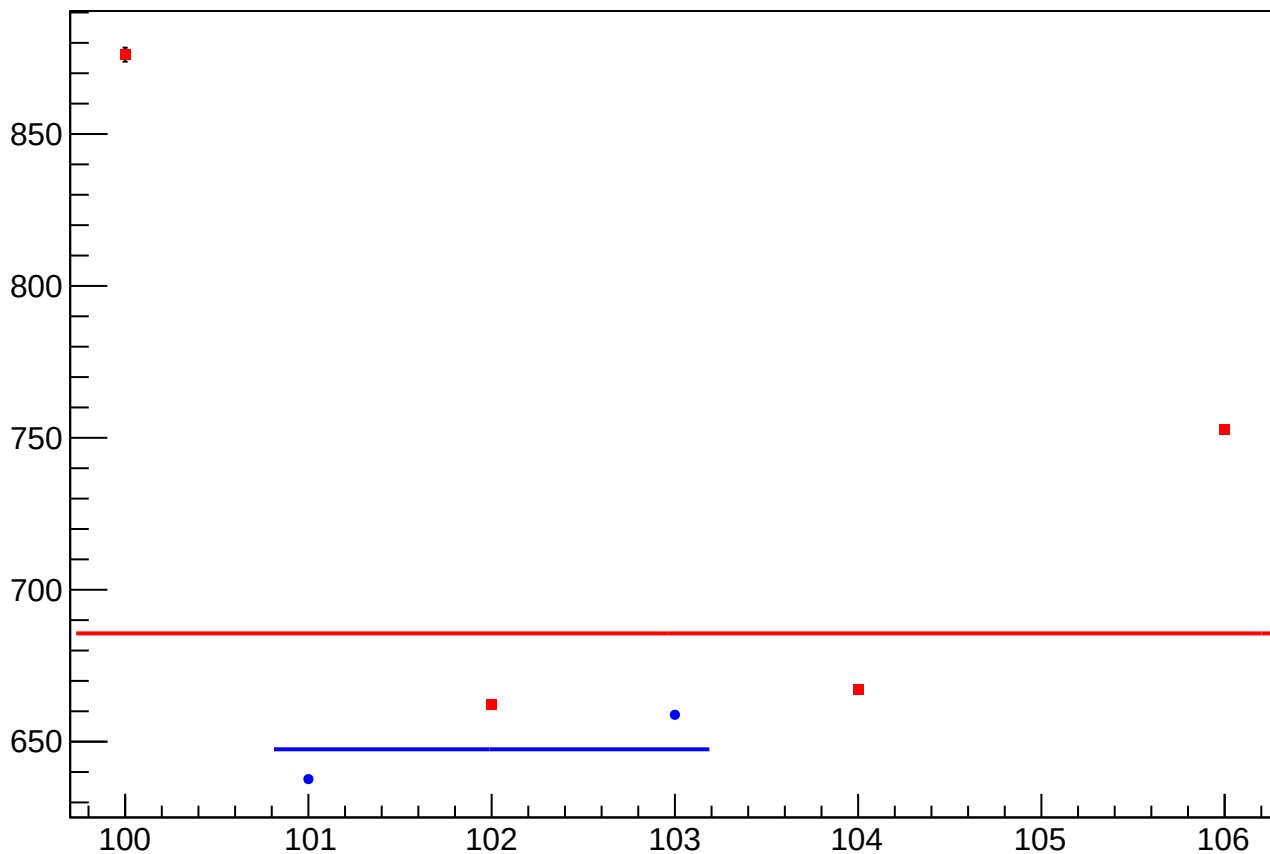
Right: 326.135+/-397.946 χ^2/NDF : 3.2/5

In: 577.067+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.135+/-397.946 χ^2/NDF : 3.2/5

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489+/-0.408 χ^2/NDF : 670.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.639+/-0.389 χ^2/NDF : 14362.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

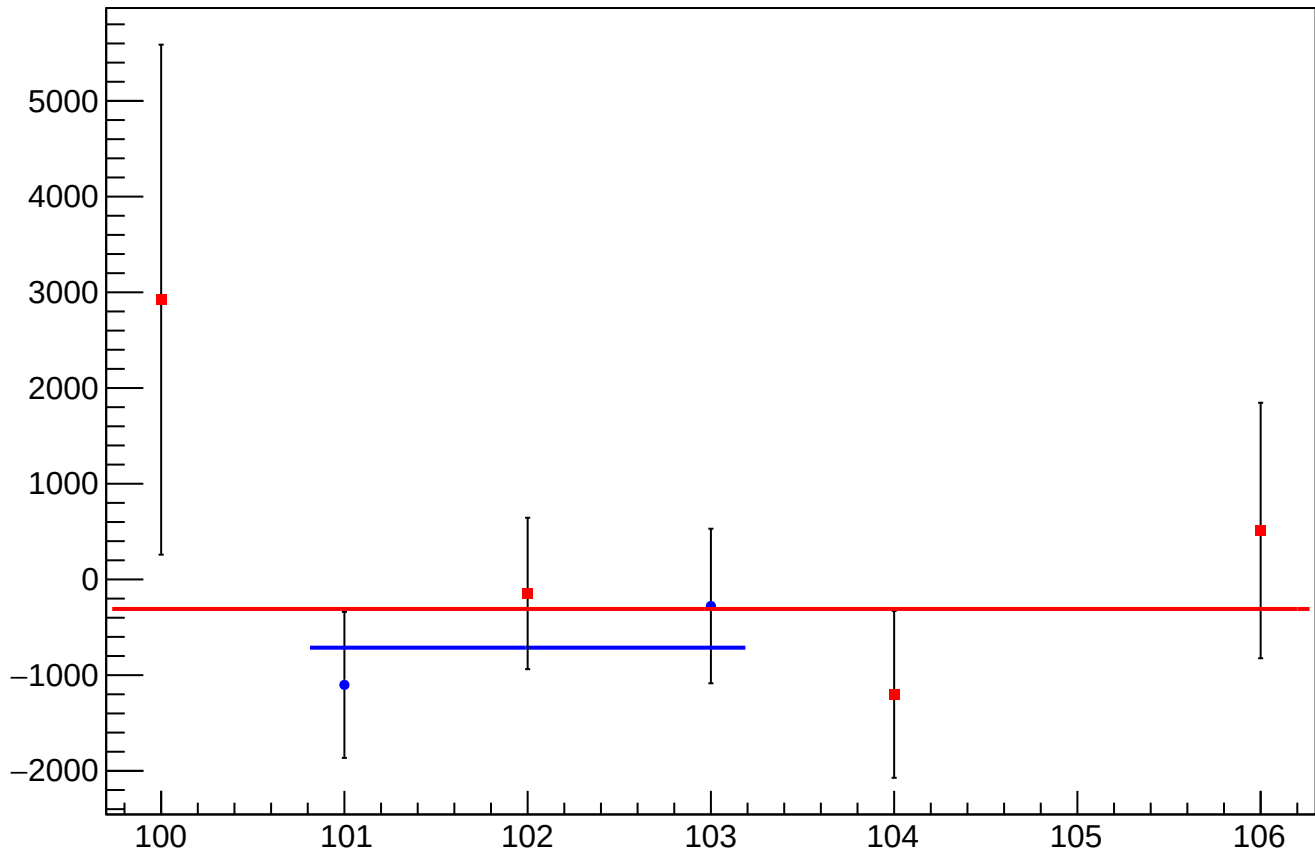
Right: 667.470+/-0.281 χ^2/NDF : 19617.7/5

In: 647.489+/-0.408 χ^2/NDF : 670.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 667.470+/-0.281 χ^2/NDF : 19617.7/5

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -712.869+/-554.527 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -308.185+/-525.904 χ^2/NDF : 2.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

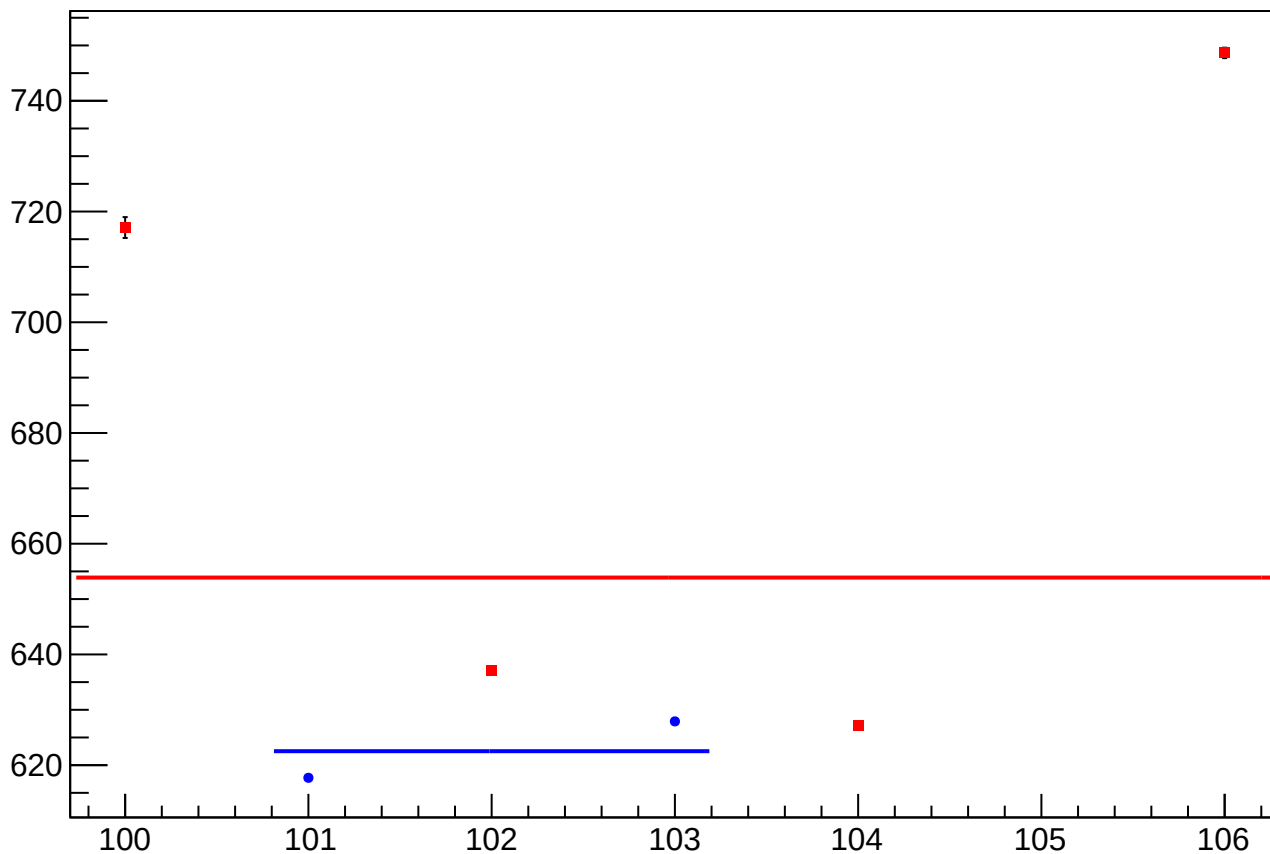
Right: -499.814+/-381.588 χ^2/NDF : 3.8/5

In: -712.869+/-554.527 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.814+/-381.588 χ^2/NDF : 3.8/5

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 622.524 $\pm$ 0.392 χ^2 /NDF: 168.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 653.887 $\pm$ 0.372 χ^2 /NDF: 13990.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

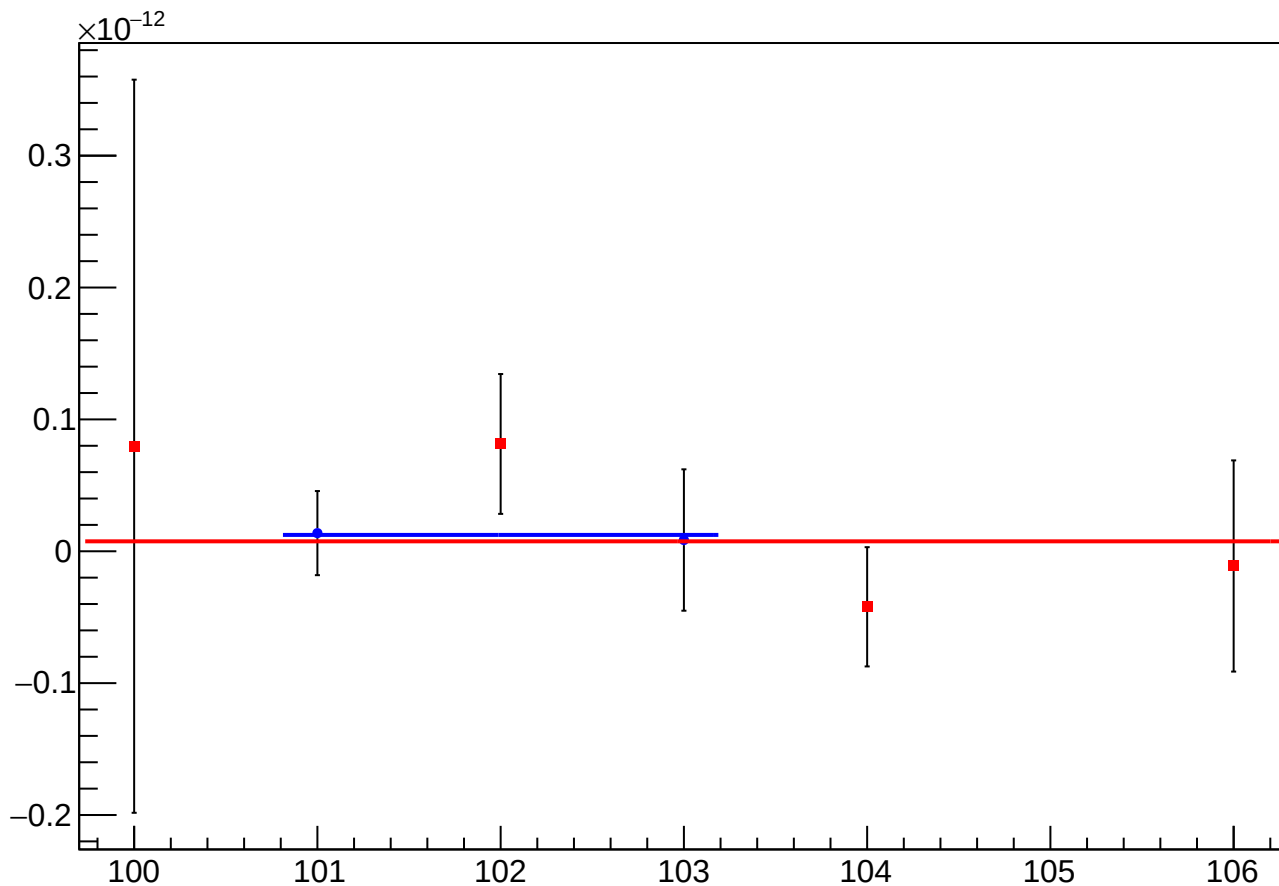
Right: 639.036 $\pm$ 0.270 χ^2 /NDF: 17527.1/5

In: 622.524 $\pm$ 0.392 χ^2 /NDF:168.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 639.036 $\pm$ 0.270 χ^2 /NDF: 17527.1/5

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

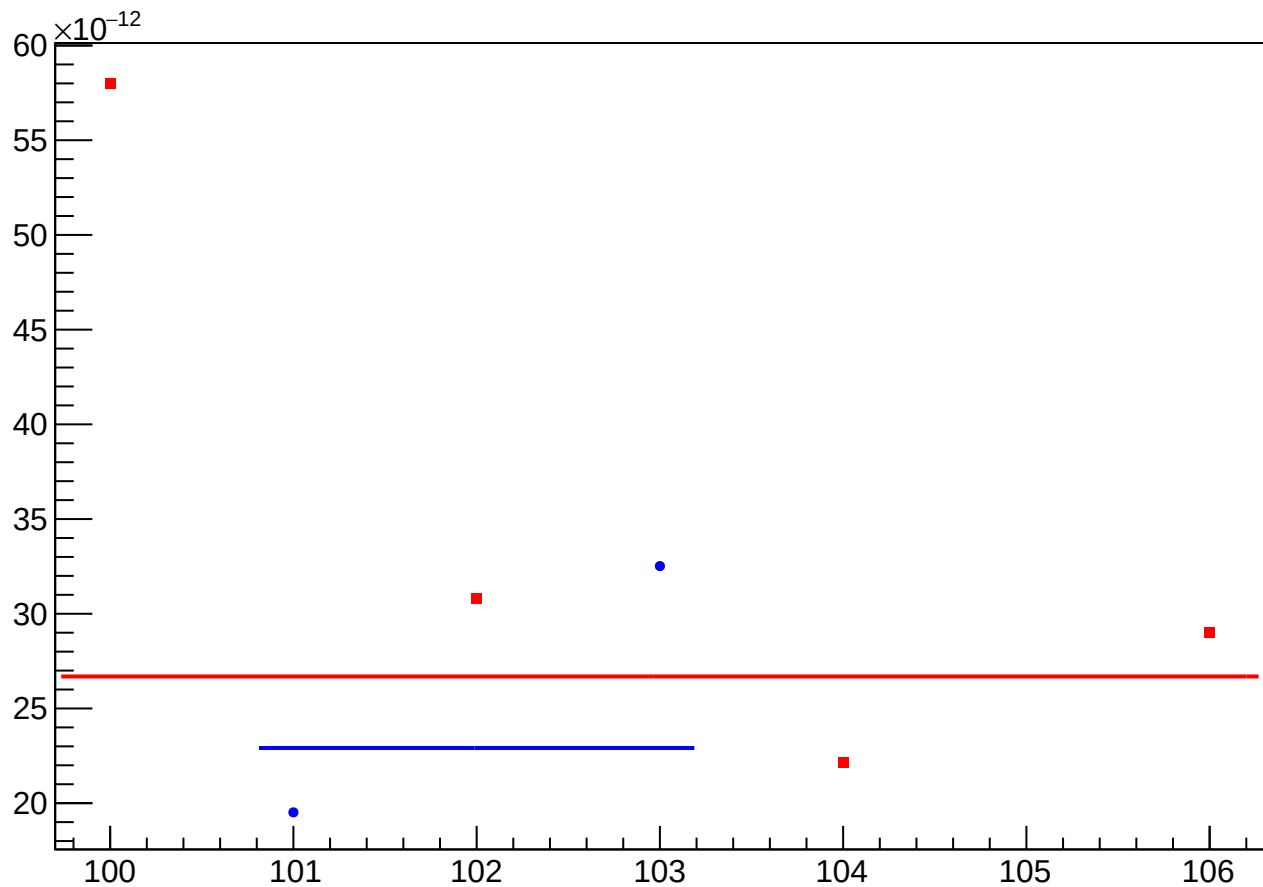
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 86881.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 59271.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

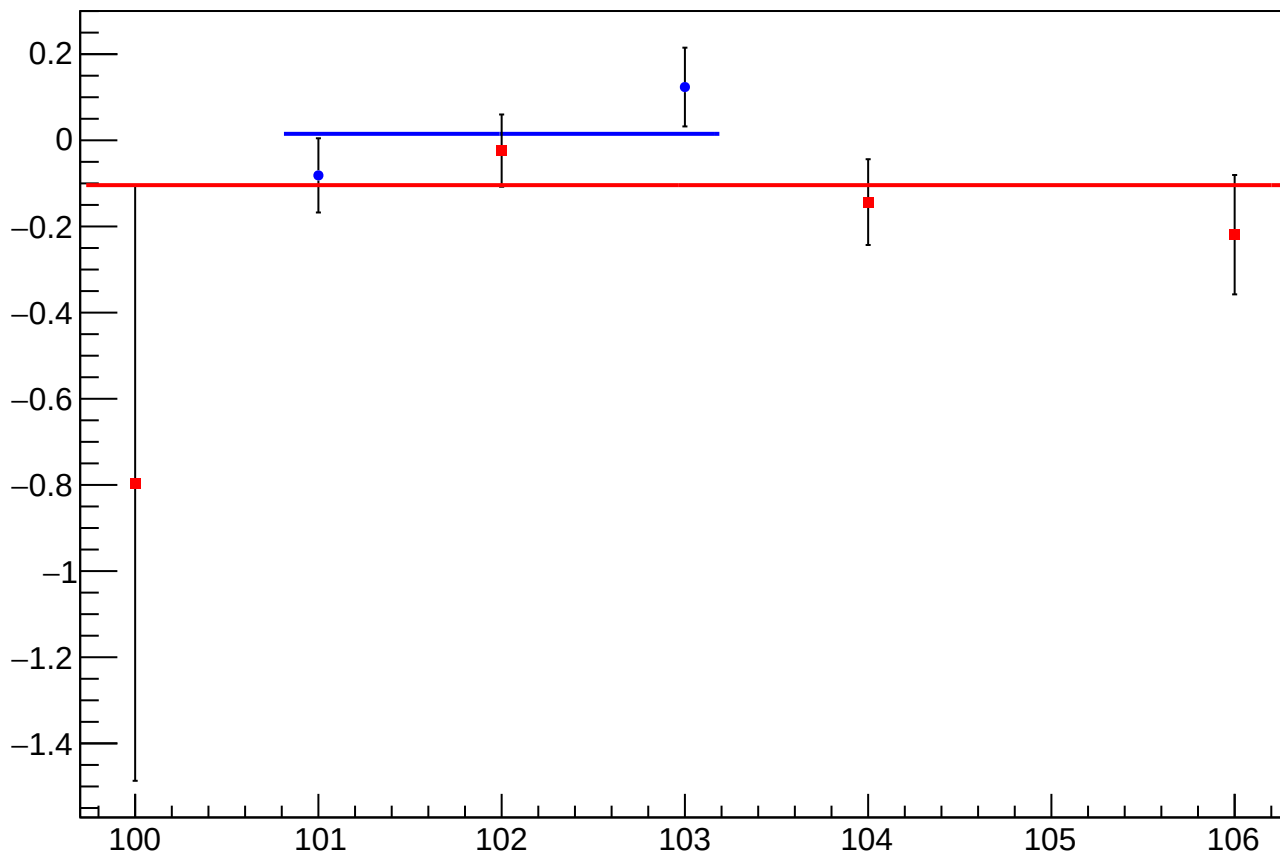
Right: 0.000+/-0.000 χ^2/NDF : 162552.1/5

In: 0.000+/-0.000 χ^2/NDF : 86881.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 162552.1/5

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.104+/-0.058 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

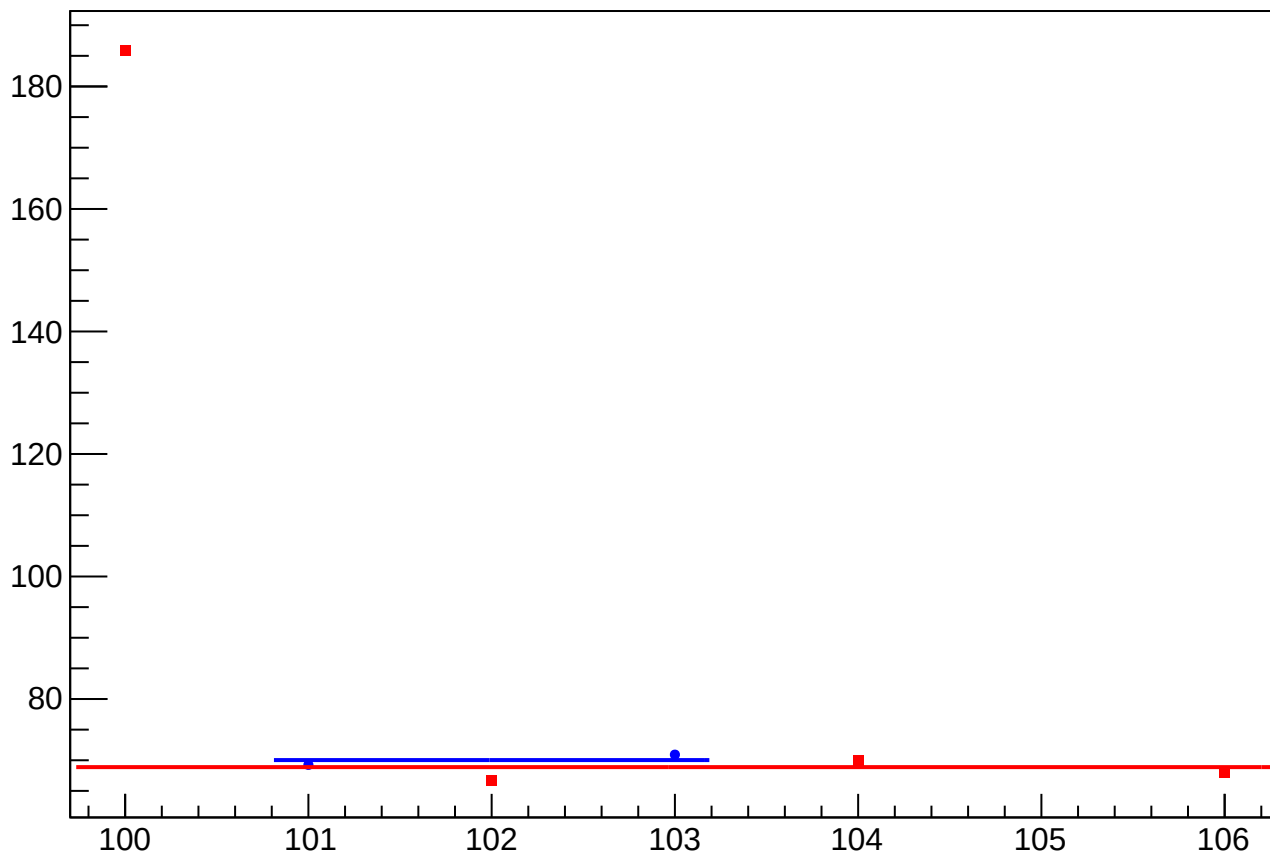
Right: -0.049+/-0.043 χ^2/NDF : 7.4/5

In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.043 χ^2/NDF : 7.4/5

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.881+/-0.041 χ^2/NDF : 58939.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

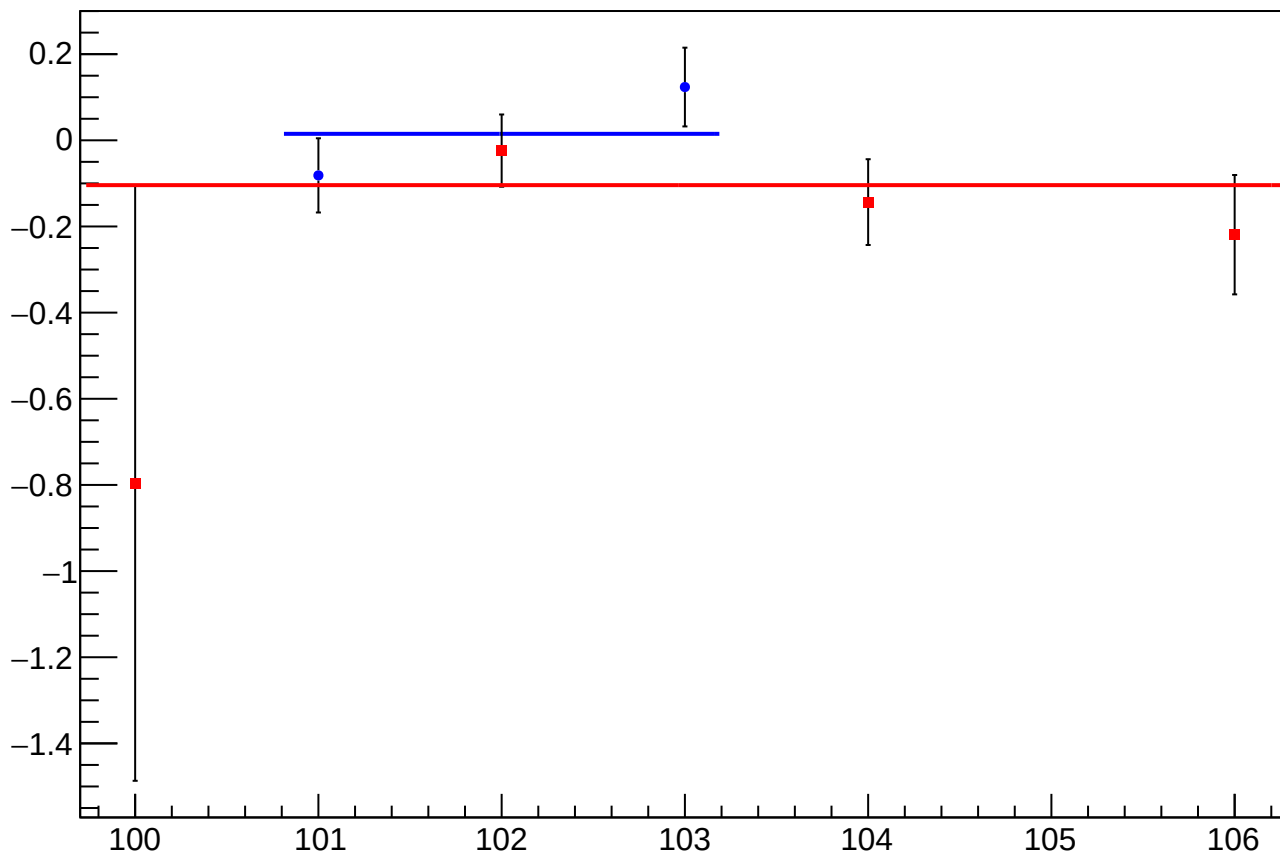
Right: 69.411+/-0.030 χ^2/NDF : 59657.4/5

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.411+/-0.030 χ^2/NDF : 59657.4/5

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.104+/-0.058 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

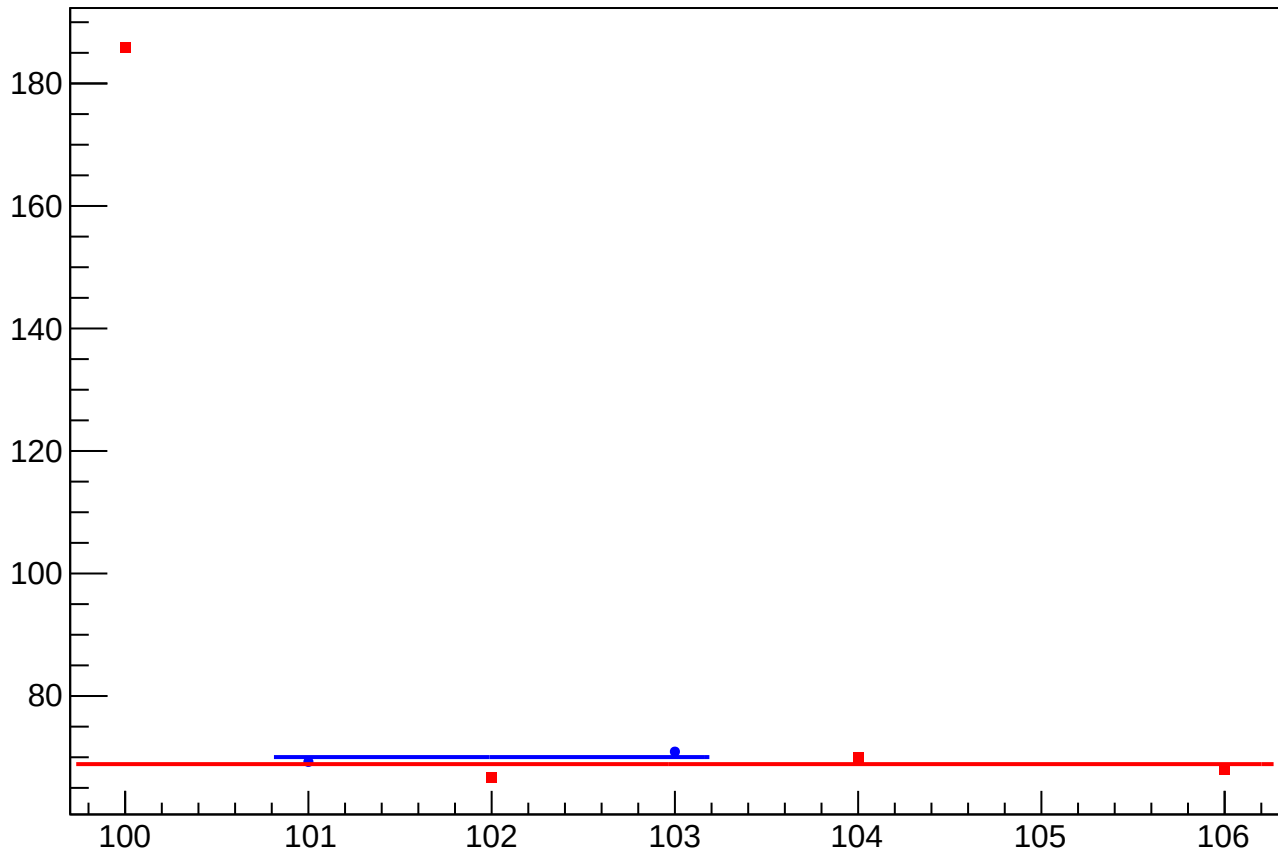
Right: -0.049+/-0.043 χ^2/NDF : 7.4/5

In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.043 χ^2/NDF : 7.4/5

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.881+/-0.041 χ^2/NDF : 58939.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

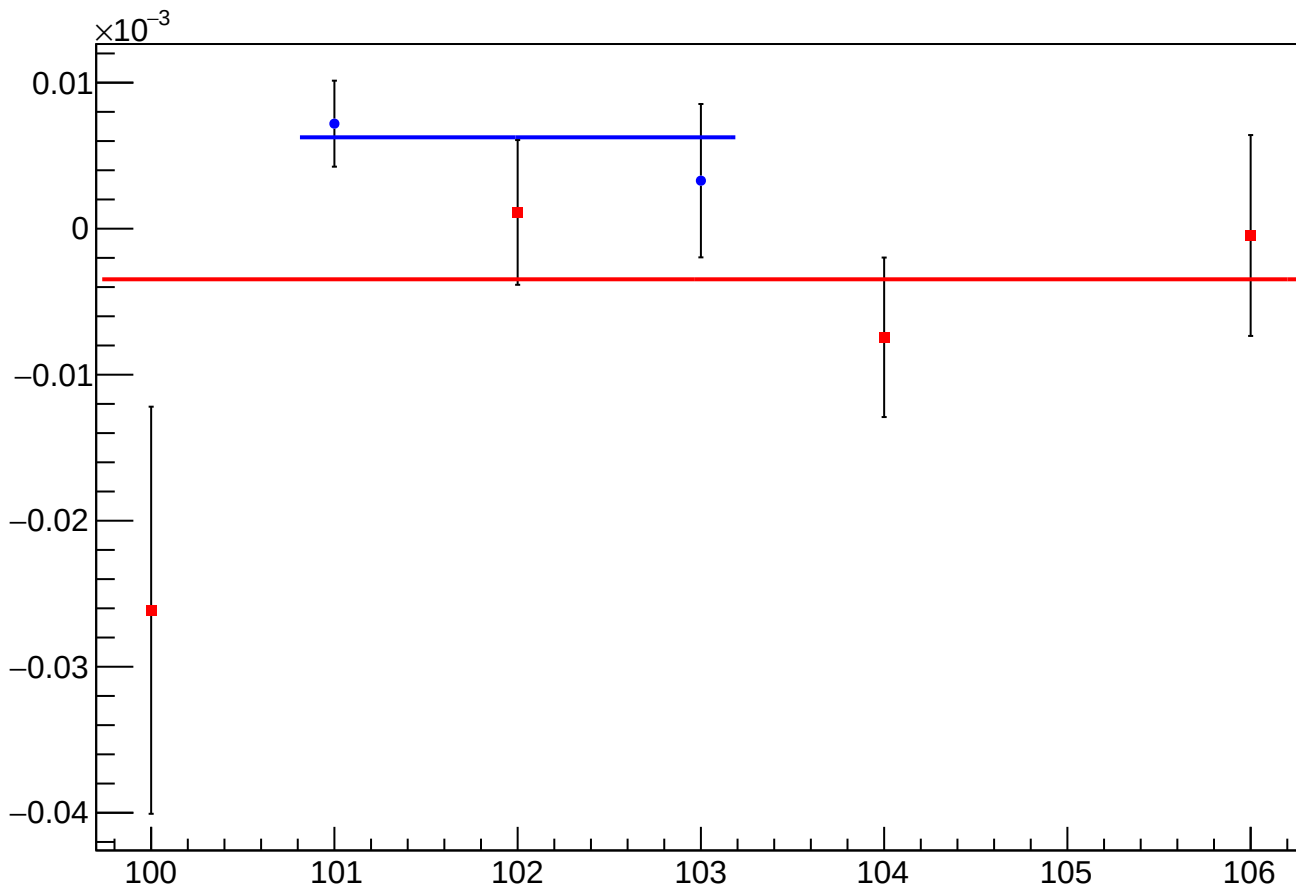
Right: 69.411+/-0.030 χ^2/NDF : 59657.4/5

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.411+/-0.030 χ^2/NDF : 59657.4/5

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

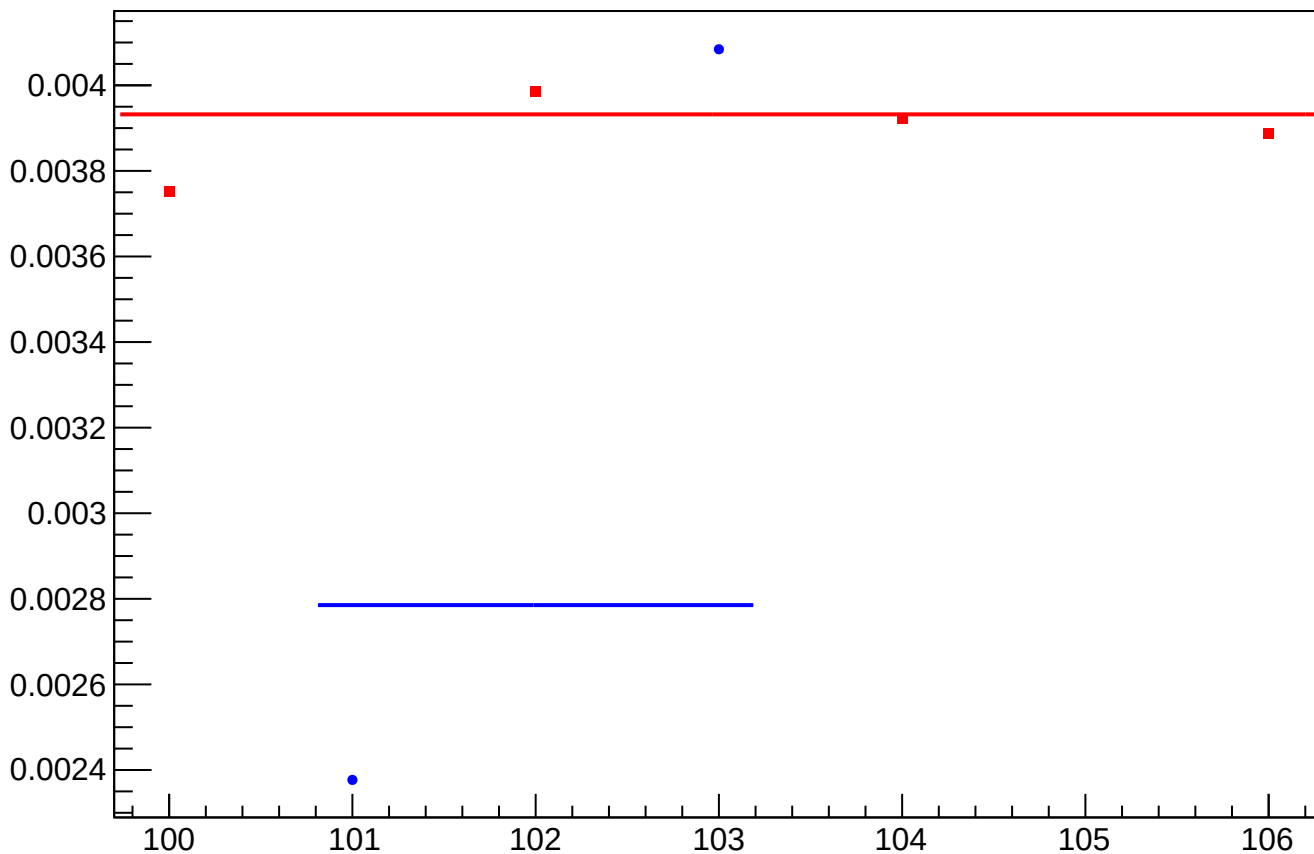
Right: 0.000+/-0.000 χ^2/NDF : 10.4/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.4/5

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 160834.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 663.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

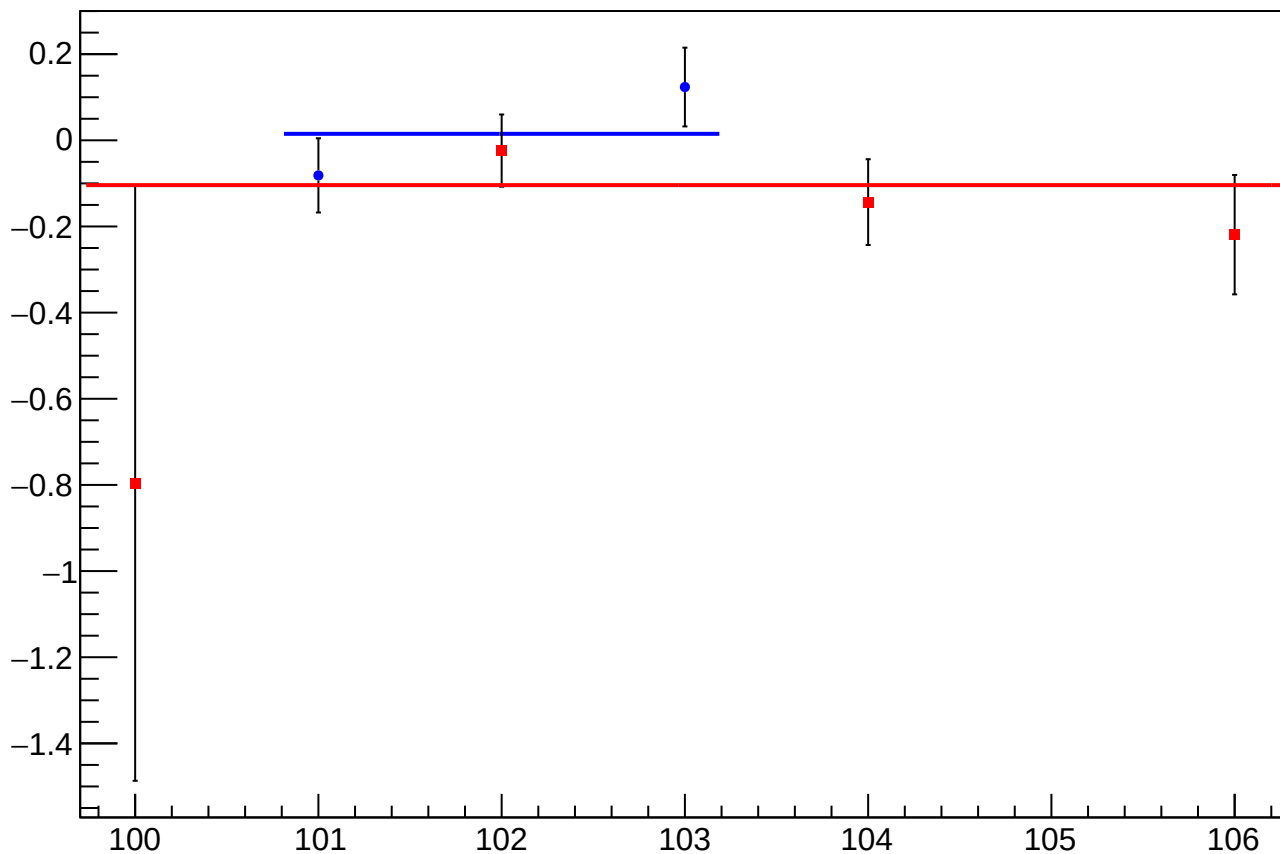
Right: 0.003+/-0.000 χ^2/NDF : 320460.3/5

In: 0.003+/-0.000 χ^2/NDF : 160834.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 320460.3/5

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.104+/-0.058 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

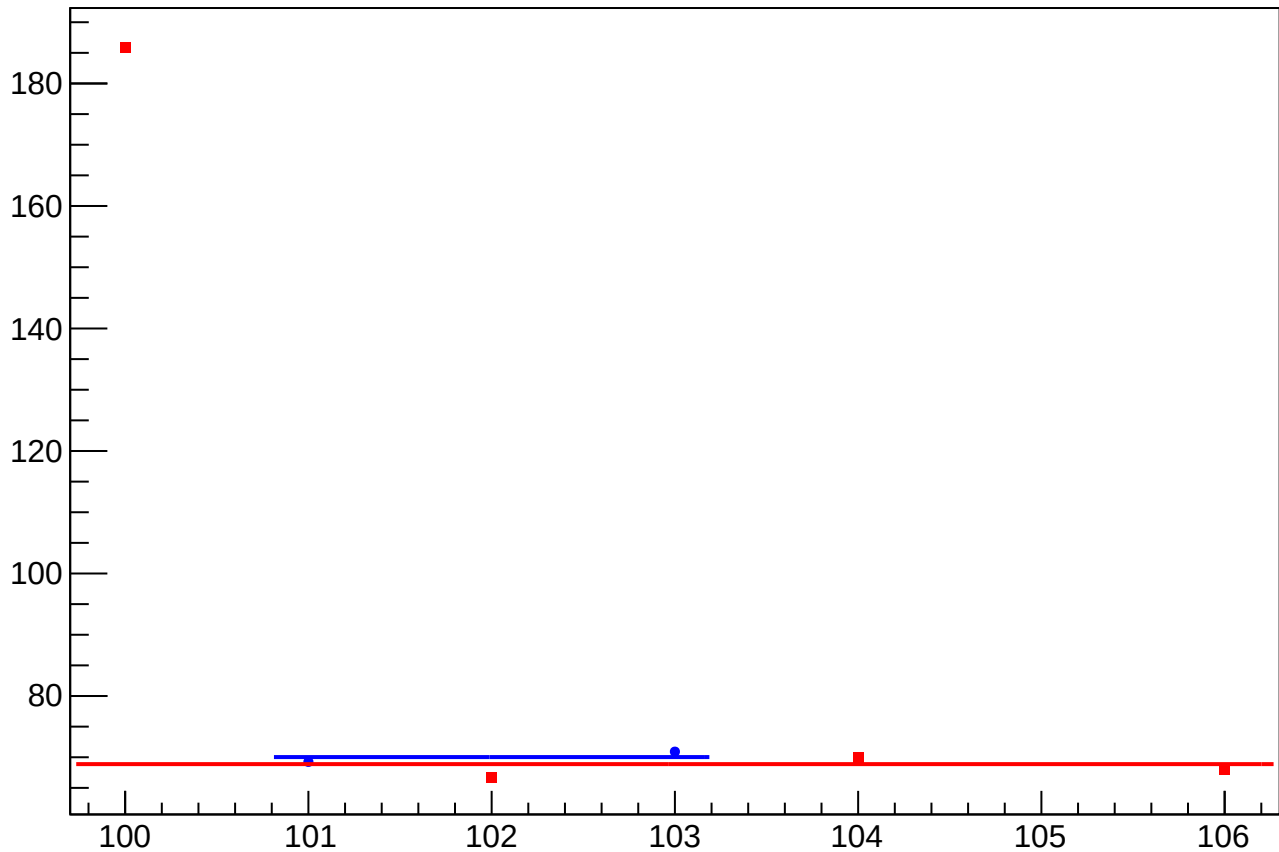
Right: -0.049+/-0.043 χ^2/NDF : 7.4/5

In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.043 χ^2/NDF : 7.4/5

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030 $\pm$ 0.044 χ^2 /NDF: 355.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.880 $\pm$ 0.041 χ^2 /NDF: 58941.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

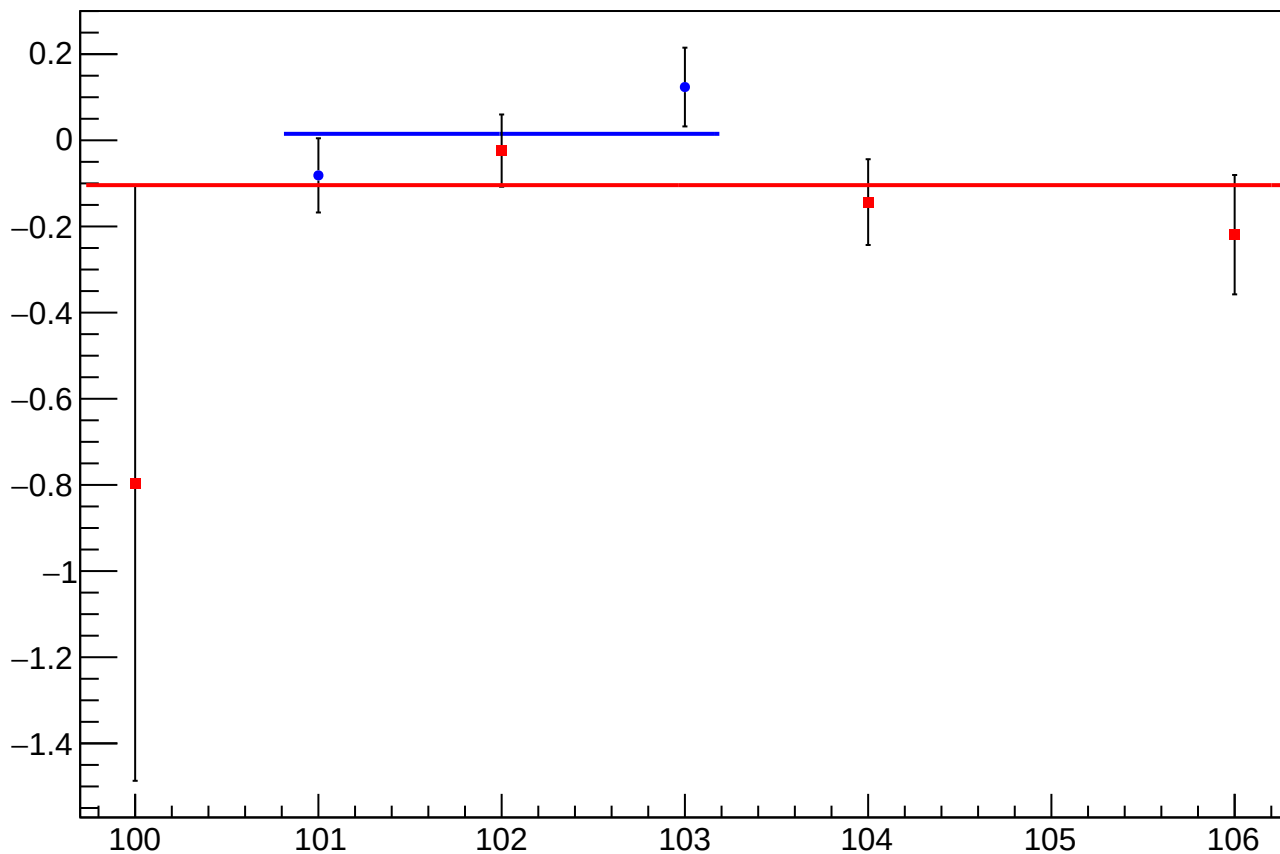
Right: 69.410 $\pm$ 0.030 χ^2 /NDF: 59659.0/5

In: 70.030 $\pm$ 0.044 χ^2 /NDF: 355.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.410 $\pm$ 0.030 χ^2 /NDF: 59659.0/5

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.104+/-0.058 χ^2/NDF : 2.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

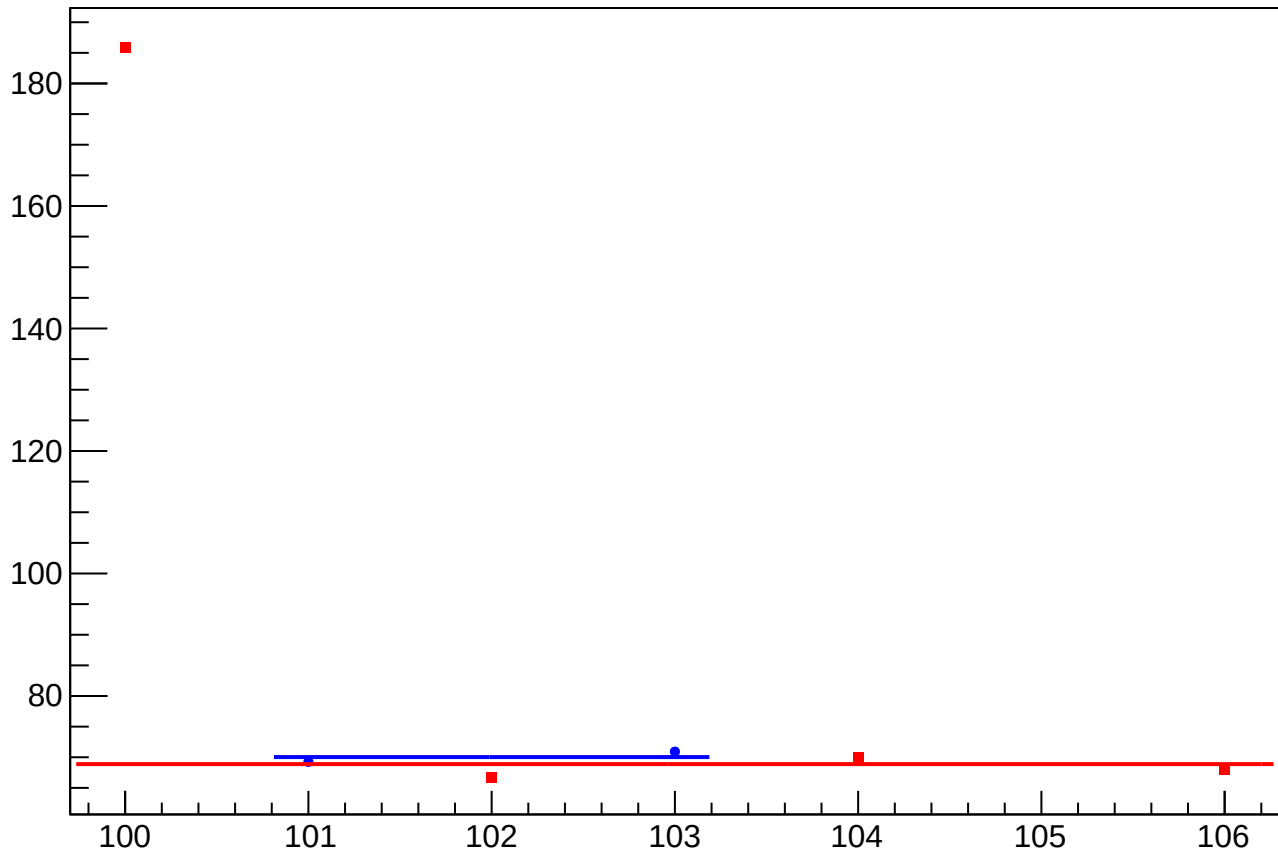
Right: -0.049+/-0.043 χ^2/NDF : 7.4/5

In: 0.015+/-0.063 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.049+/-0.043 χ^2/NDF : 7.4/5

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.030 $\pm$ 0.044 χ^2 /NDF: 355.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.880 $\pm$ 0.041 χ^2 /NDF: 58941.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

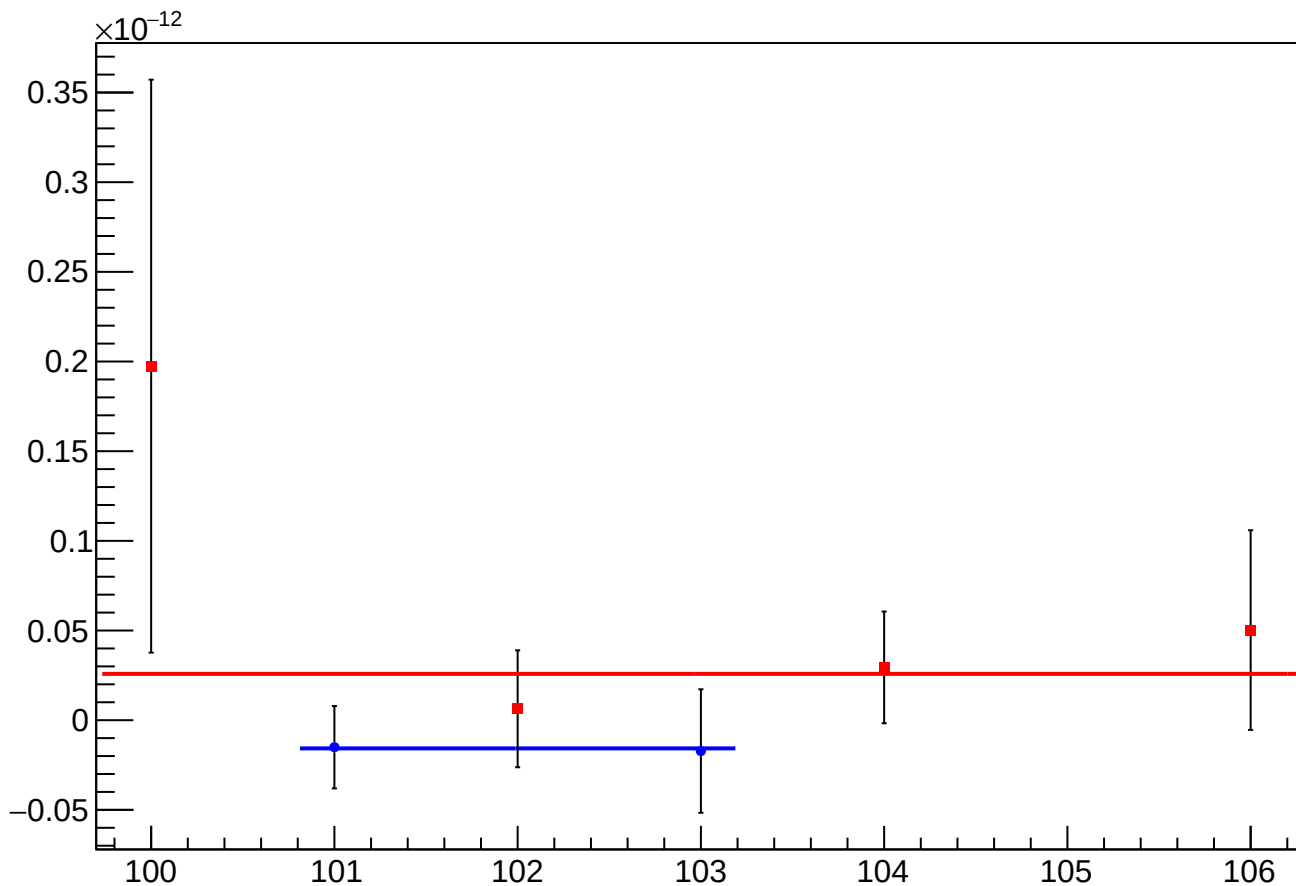
Right: 69.410 $\pm$ 0.030 χ^2 /NDF: 59659.0/5

In: 70.030 $\pm$ 0.044 χ^2 /NDF: 355.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.410 $\pm$ 0.030 χ^2 /NDF: 59659.0/5

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

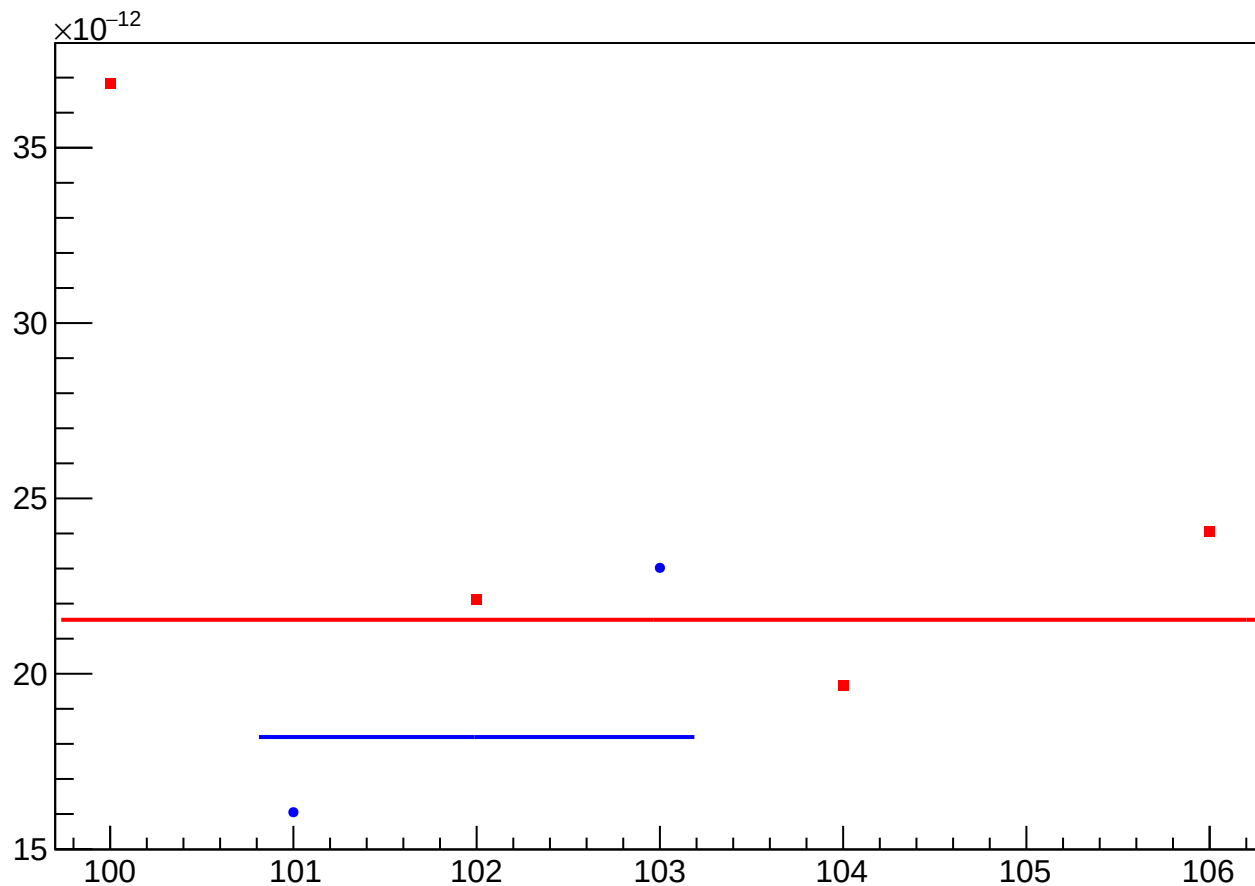
Right: 0.000+/-0.000 χ^2 /NDF: 3.9/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 3.9/5

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 56697.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 30292.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

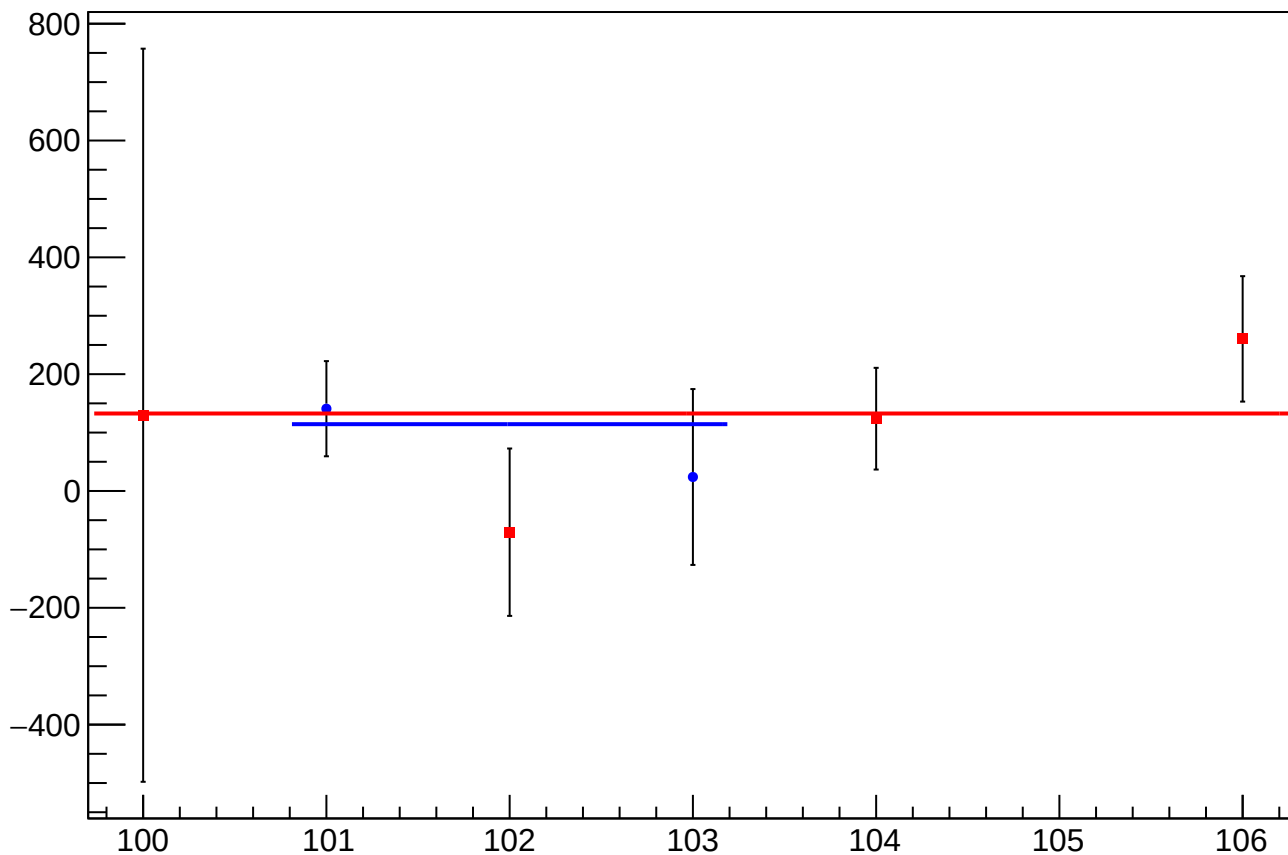
Right: 0.000+/-0.000 χ^2/NDF : 115168.7/5

In: 0.000+/-0.000 χ^2/NDF : 56697.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 115168.7/5

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.383 $\pm$ 71.656 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.654 $\pm$ 60.872 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

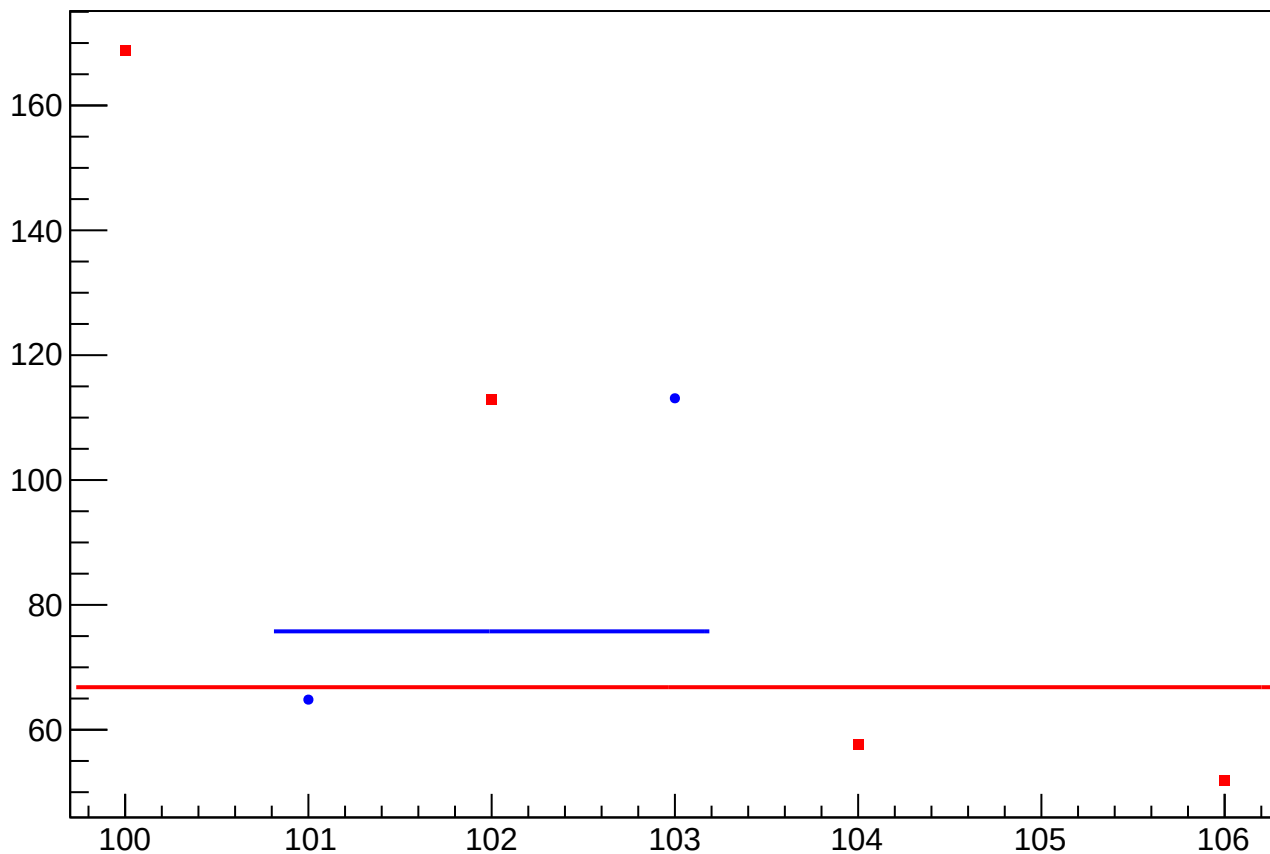
Right: 124.996 $\pm$ 46.392 χ^2 /NDF: 3.9/5

In: 114.383 $\pm$ 71.656 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.996 $\pm$ 46.392 χ^2 /NDF: 3.9/5

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761+/-0.051 χ^2/NDF : 159026.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.816+/-0.043 χ^2/NDF : 321145.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

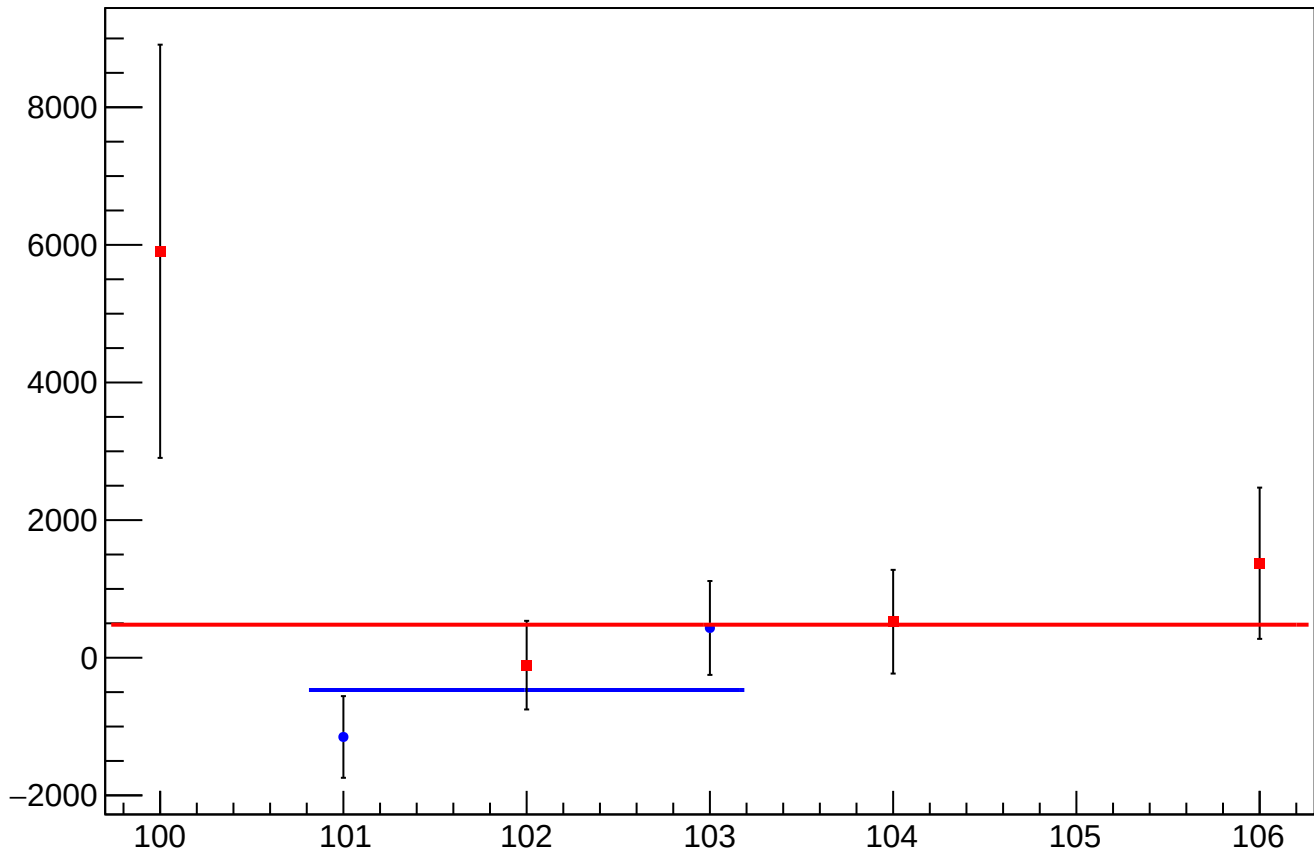
Right: 70.565+/-0.033 χ^2/NDF : 498275.6/5

In: 75.761+/-0.051 χ^2/NDF : 159026.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.565+/-0.033 χ^2/NDF : 498275.6/5

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -468.919+/-447.755 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.115+/-442.360 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

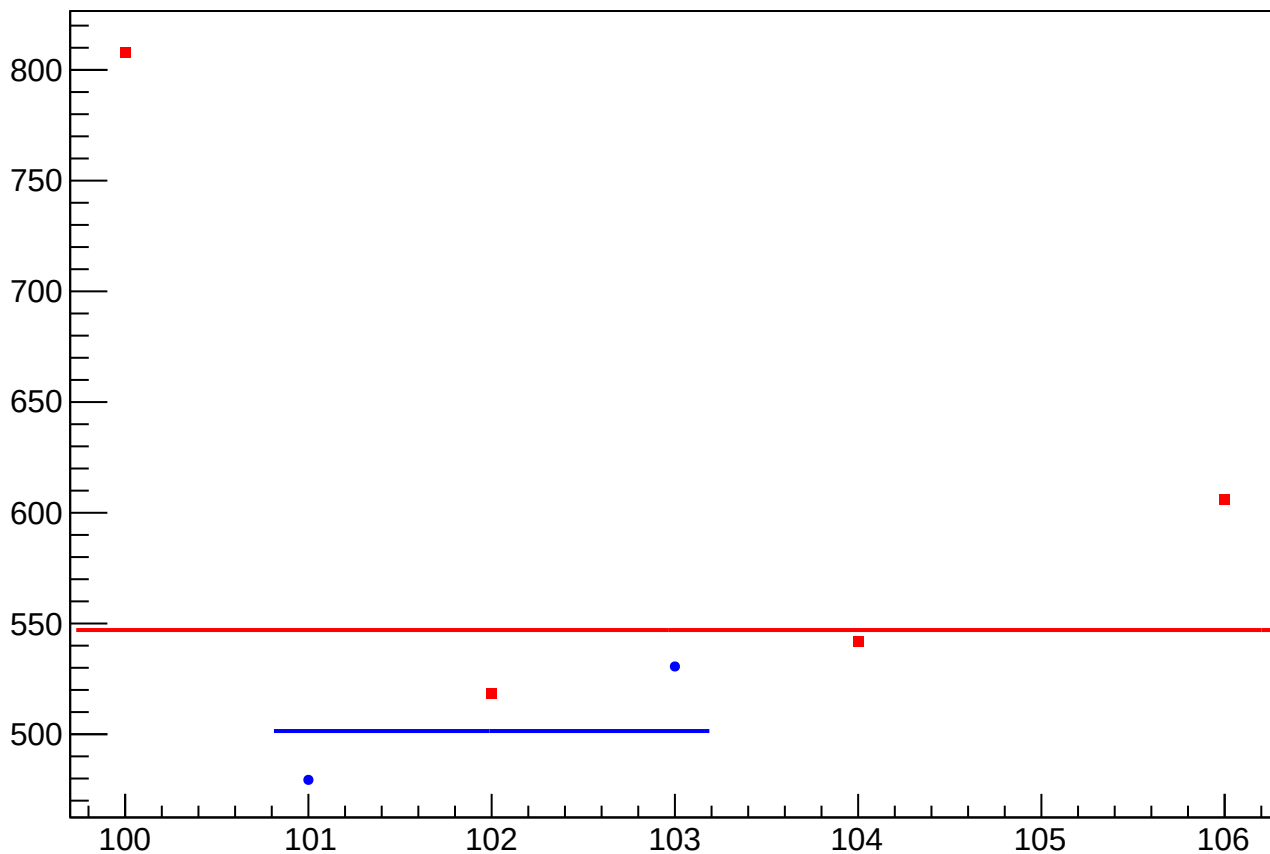
Right: 11.350+/-314.686 χ^2/NDF : 10.1/5

In: -468.919+/-447.755 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.350+/-314.686 χ^2/NDF : 10.1/5

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 501.451+/-0.317 χ^2/NDF : 6414.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.055+/-0.313 χ^2/NDF : 24885.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

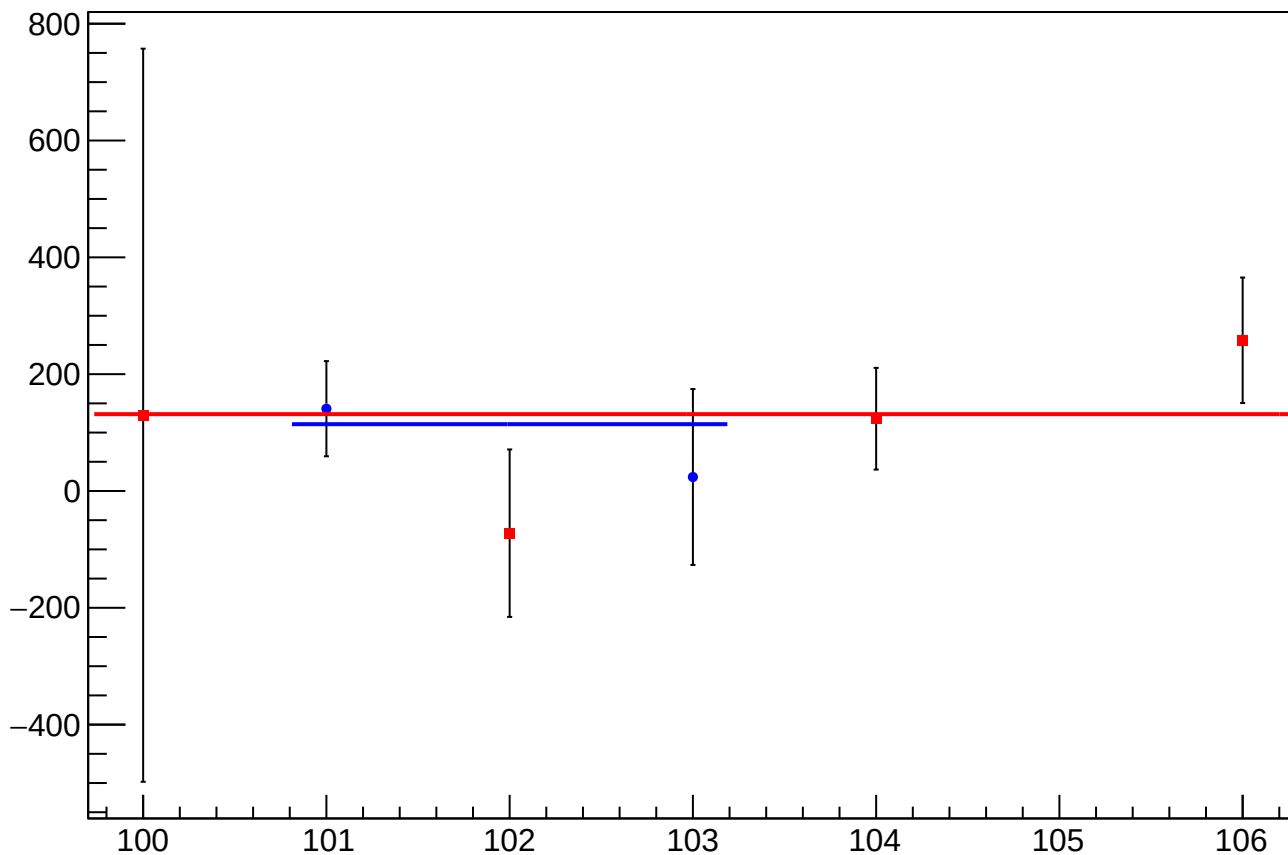
Right: 524.529+/-0.223 χ^2/NDF : 41798.8/5

In: 501.451+/-0.317 χ^2/NDF : 6414.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.529+/-0.223 χ^2/NDF : 41798.8/5

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.370 $\pm$ 71.656 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.548 $\pm$ 60.887 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

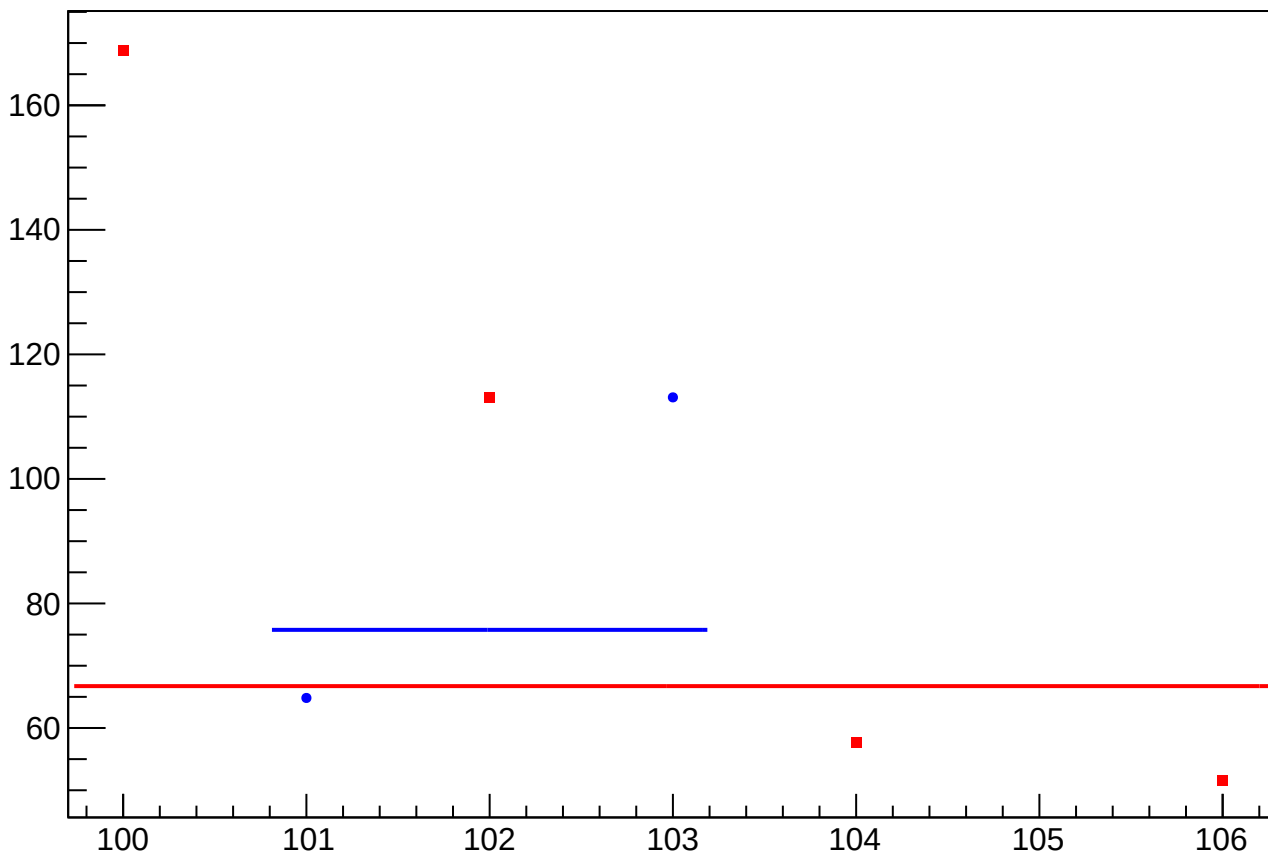
Right: 124.346 $\pm$ 46.399 χ^2 /NDF: 3.9/5

In: 114.370 $\pm$ 71.656 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.346 $\pm$ 46.399 χ^2 /NDF: 3.9/5

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.724+/-0.043 χ^2/NDF : 322932.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

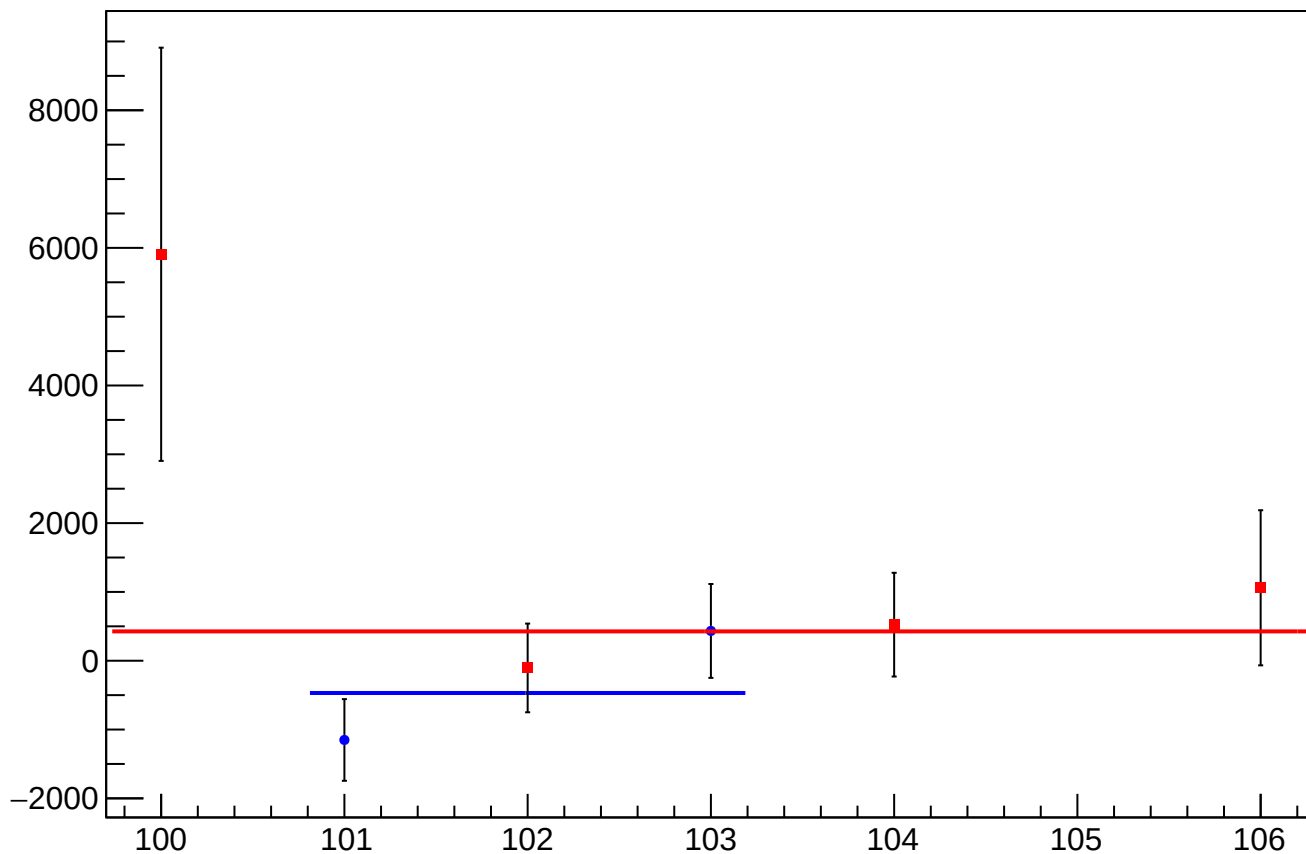
Right: 70.513+/-0.033 χ^2/NDF : 500434.1/5

In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.513+/-0.033 χ^2/NDF : 500434.1/5

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.480+/-444.340 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

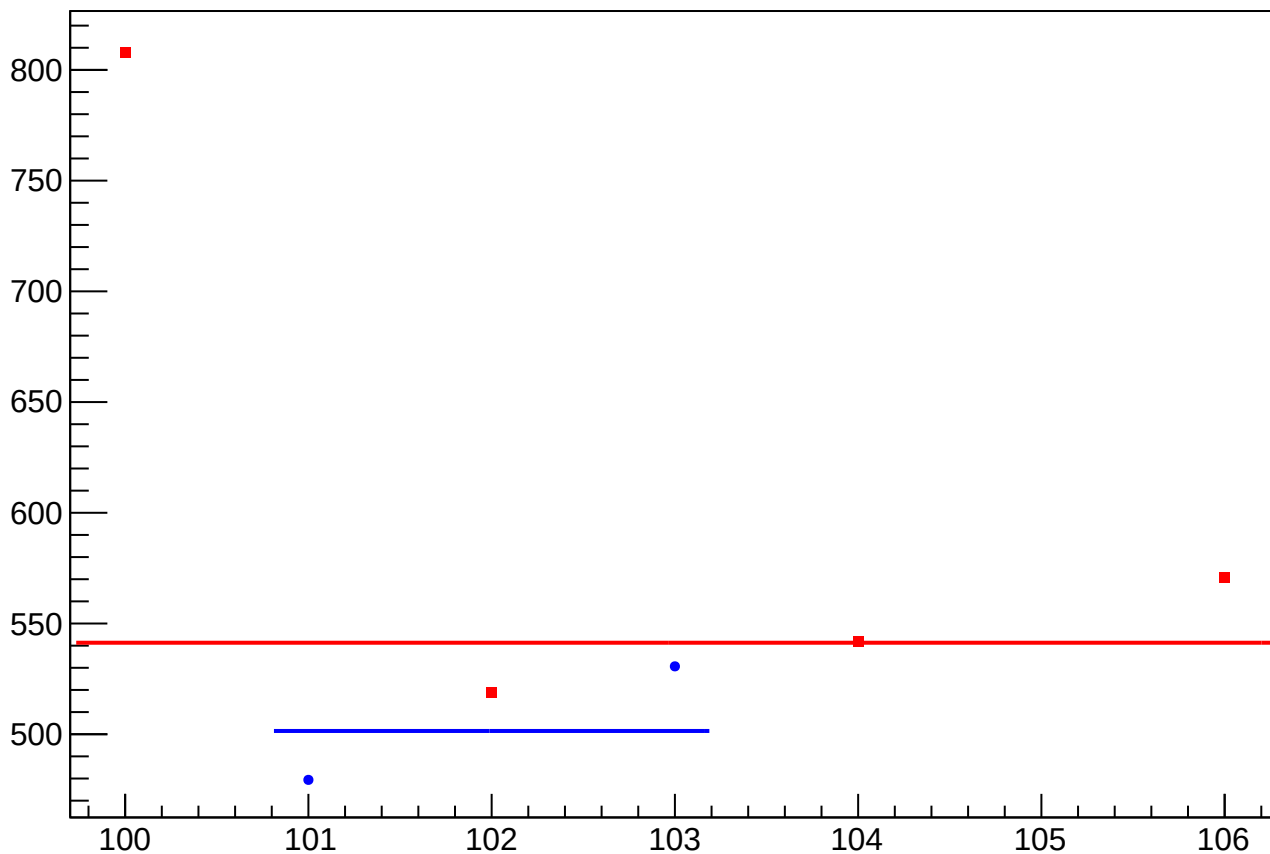
Right: -17.740+/-315.404 χ^2/NDF : 9.4/5

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.740+/-315.404 χ^2/NDF : 9.4/5

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.474 ± 0.317 $\chi^2/\text{NDF}: 6427.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 541.322 ± 0.314 $\chi^2/\text{NDF}: 19515.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

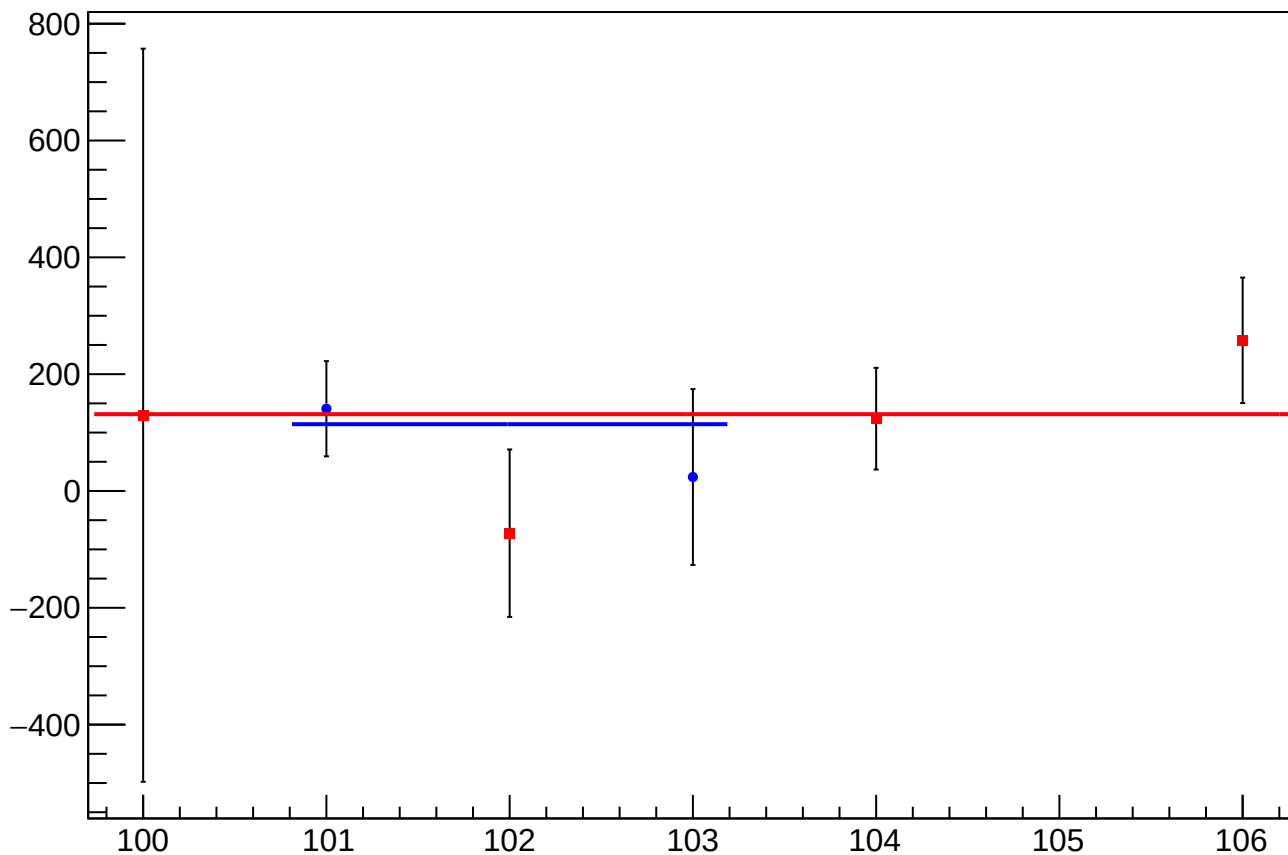
Right: 521.551 ± 0.223 $\chi^2/\text{NDF}: 33924.4/5$

In: 501.474 ± 0.317 $\chi^2/\text{NDF}: 6427.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 521.551 ± 0.223 $\chi^2/\text{NDF}: 33924.4/5$

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.548+/-60.887 χ^2/NDF : 3.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

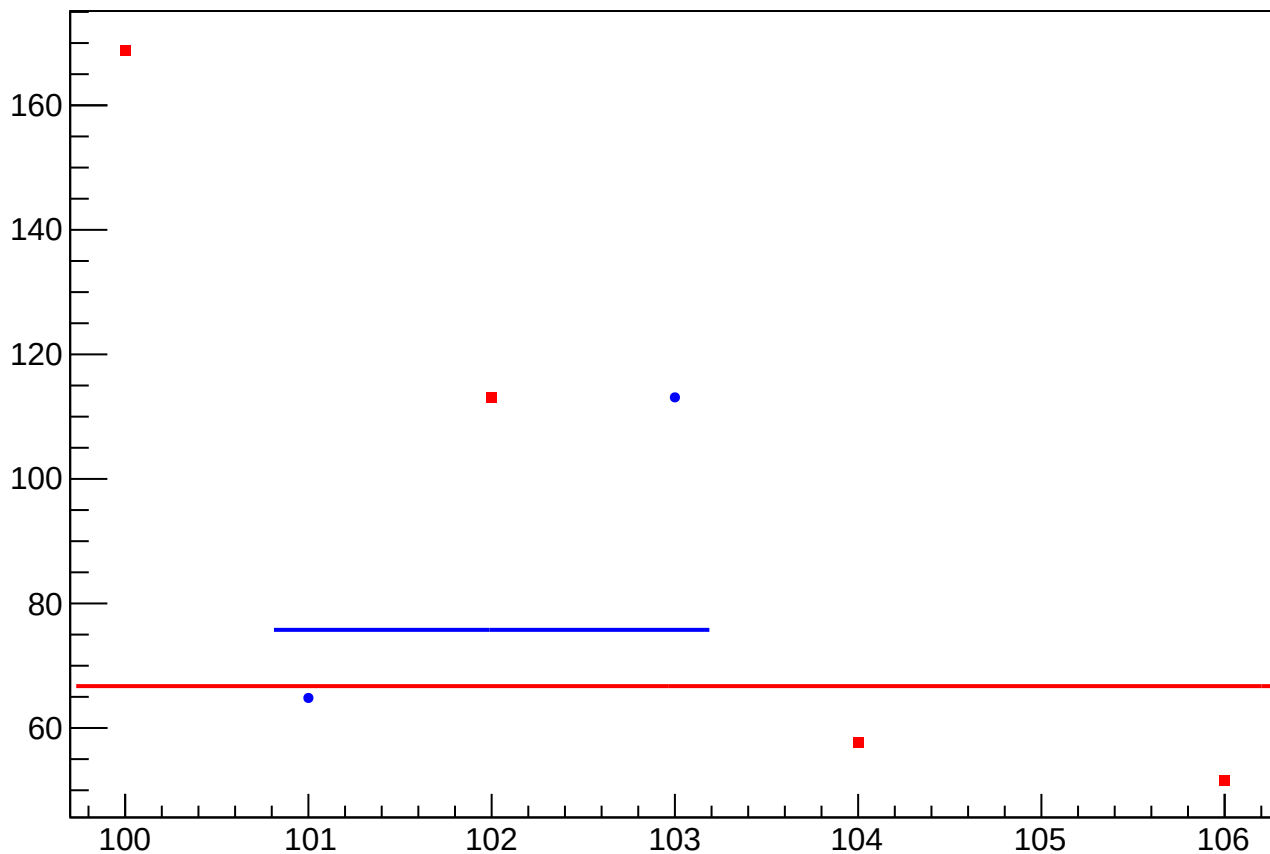
Right: 124.346+/-46.399 χ^2/NDF : 3.9/5

In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.346+/-46.399 χ^2/NDF : 3.9/5

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.724+/-0.043 χ^2/NDF : 322932.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

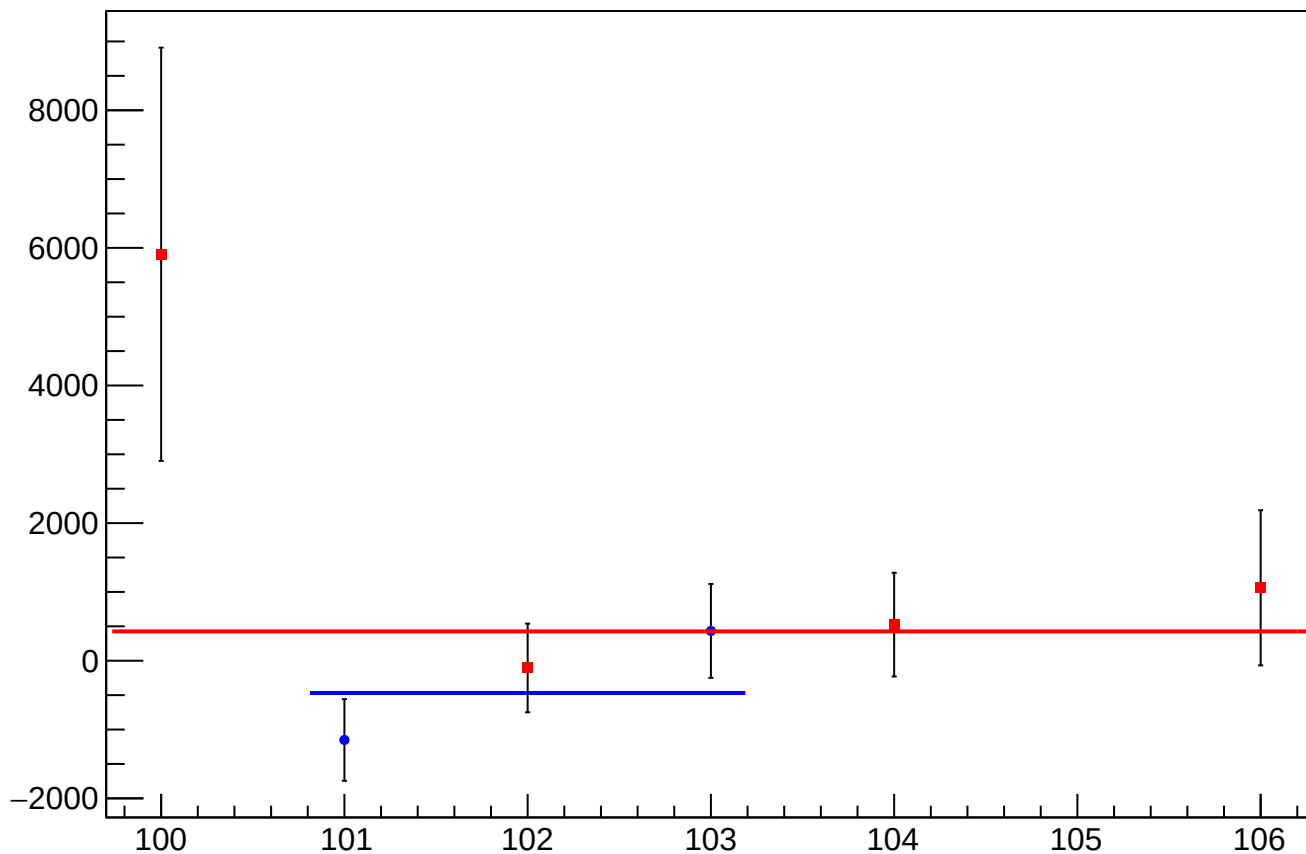
Right: 70.513+/-0.033 χ^2/NDF : 500434.1/5

In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.513+/-0.033 χ^2/NDF : 500434.1/5

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.480+/-444.340 χ^2/NDF : 4.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

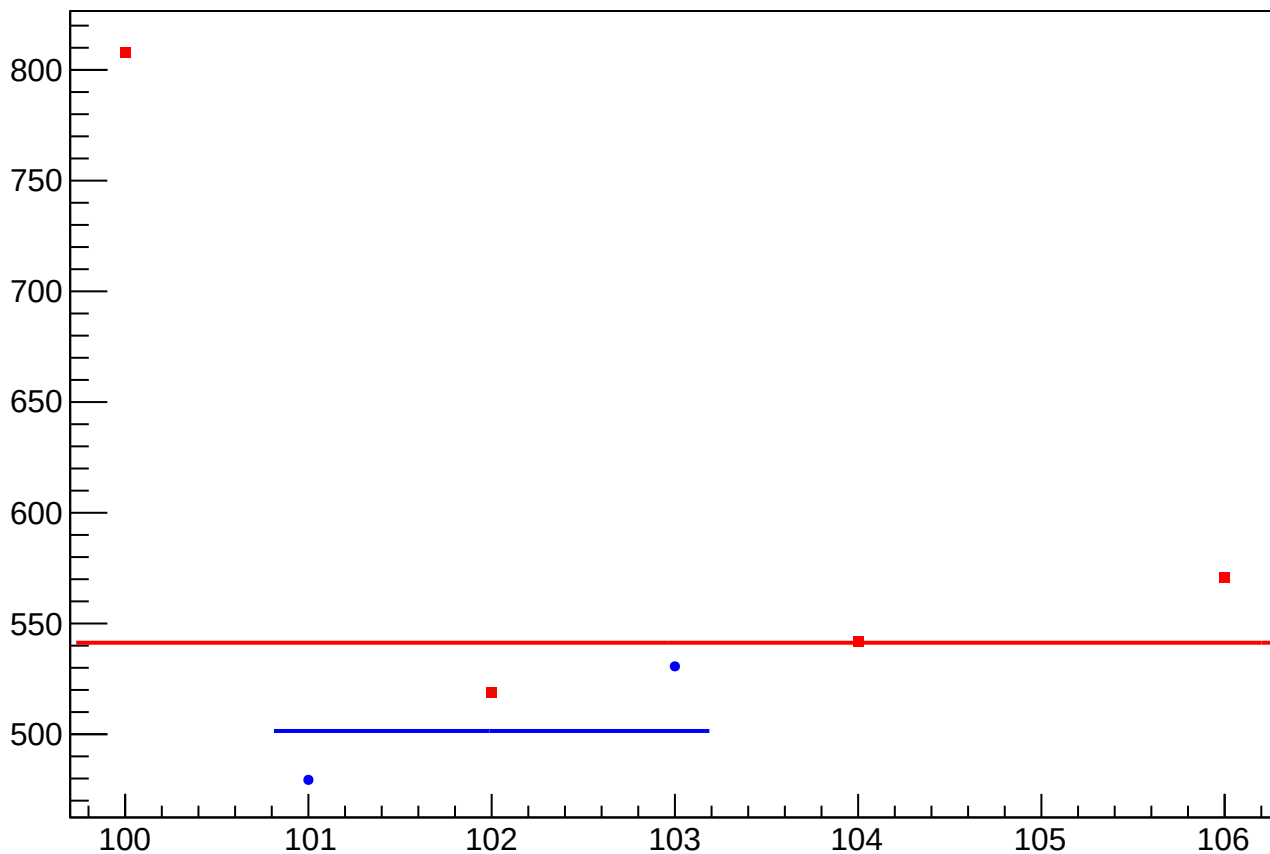
Right: -17.740+/-315.404 χ^2/NDF : 9.4/5

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.740+/-315.404 χ^2/NDF : 9.4/5

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.322+/-0.314 χ^2/NDF : 19515.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

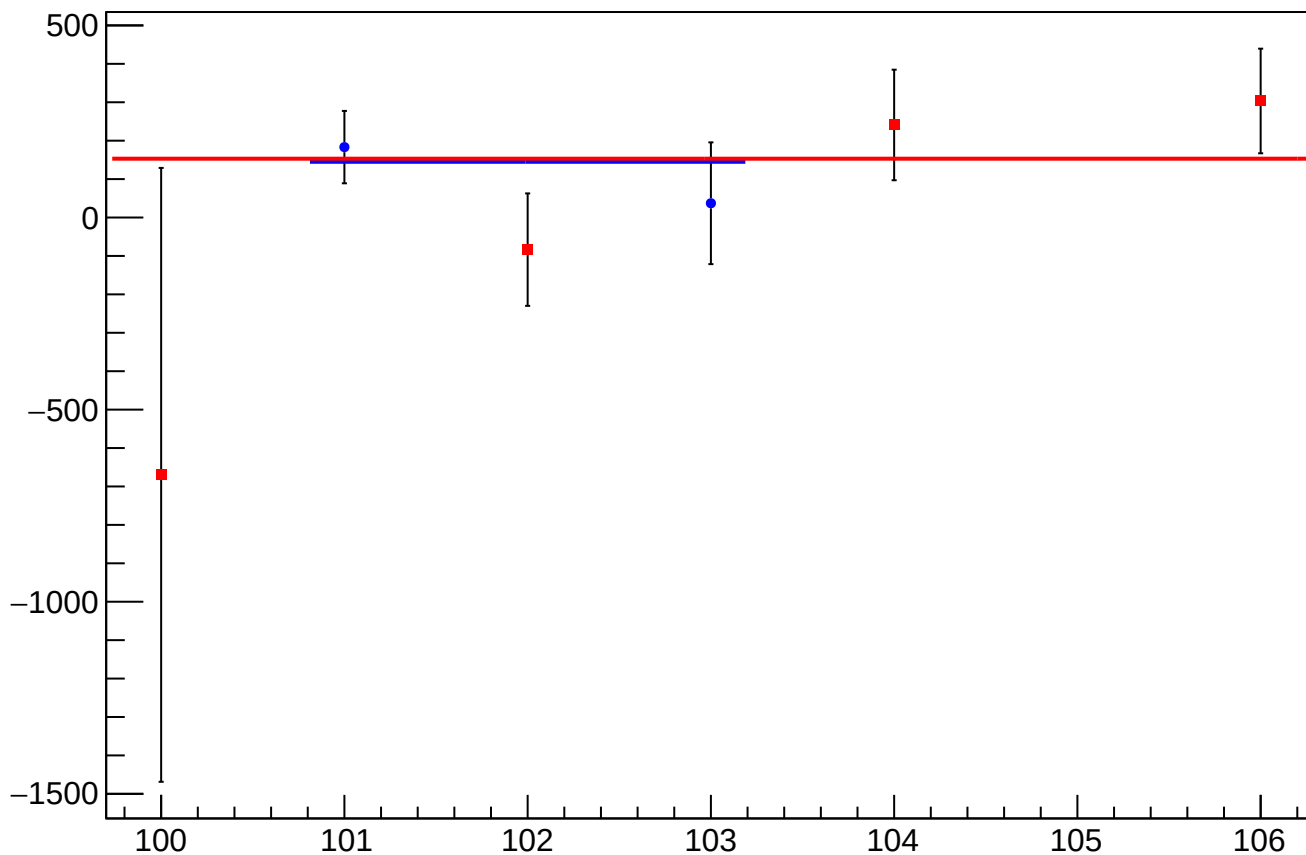
Right: 521.551+/-0.223 χ^2/NDF : 33924.4/5

In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.551+/-0.223 χ^2/NDF : 33924.4/5

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 145.100 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.125 $\pm$ 81.511 χ^2 /NDF: 5.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

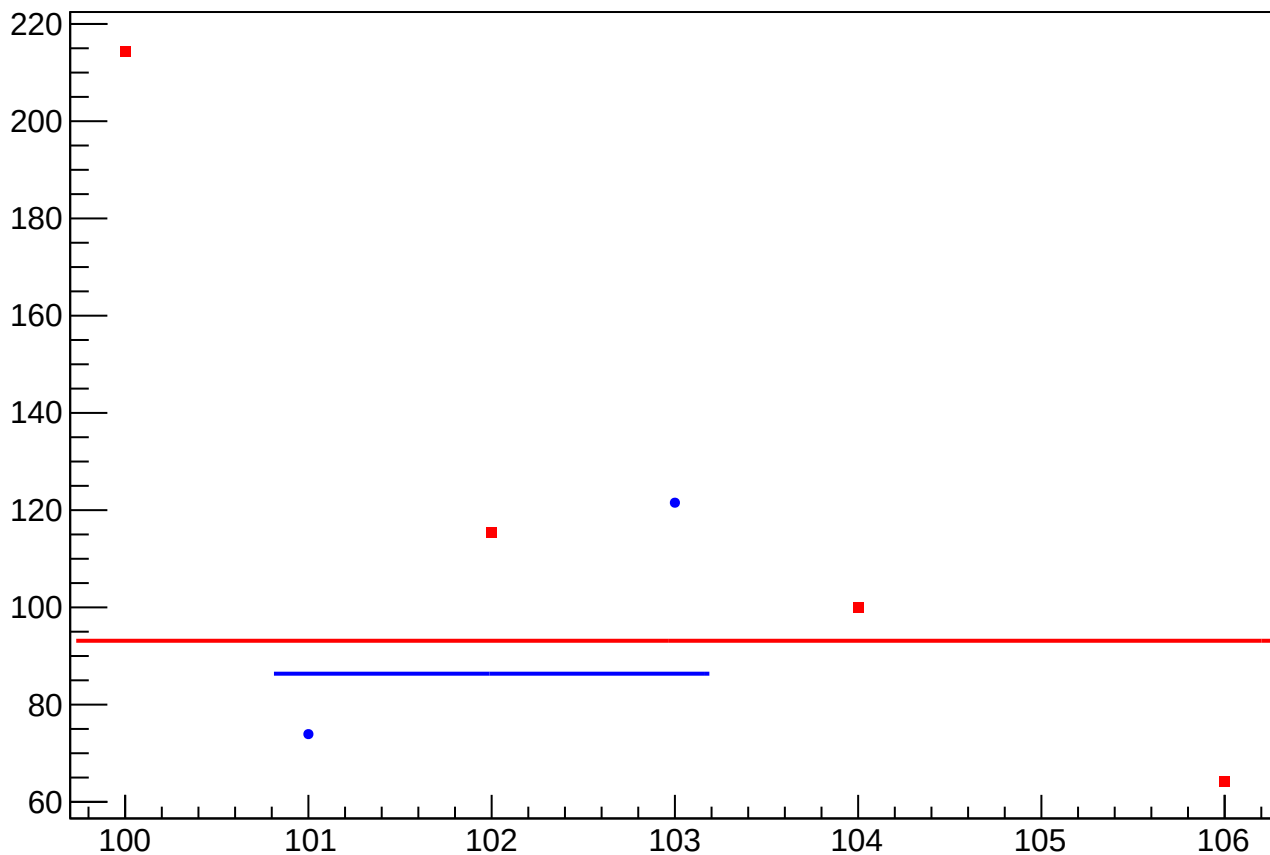
Right: 149.086 $\pm$ 57.443 χ^2 /NDF: 5.9/5

In: 145.100 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.086 $\pm$ 57.443 χ^2 /NDF: 5.9/5

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 86.363 $\pm$ 0.057 χ^2 /NDF: 133359.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.136 $\pm$ 0.058 χ^2 /NDF: 187173.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

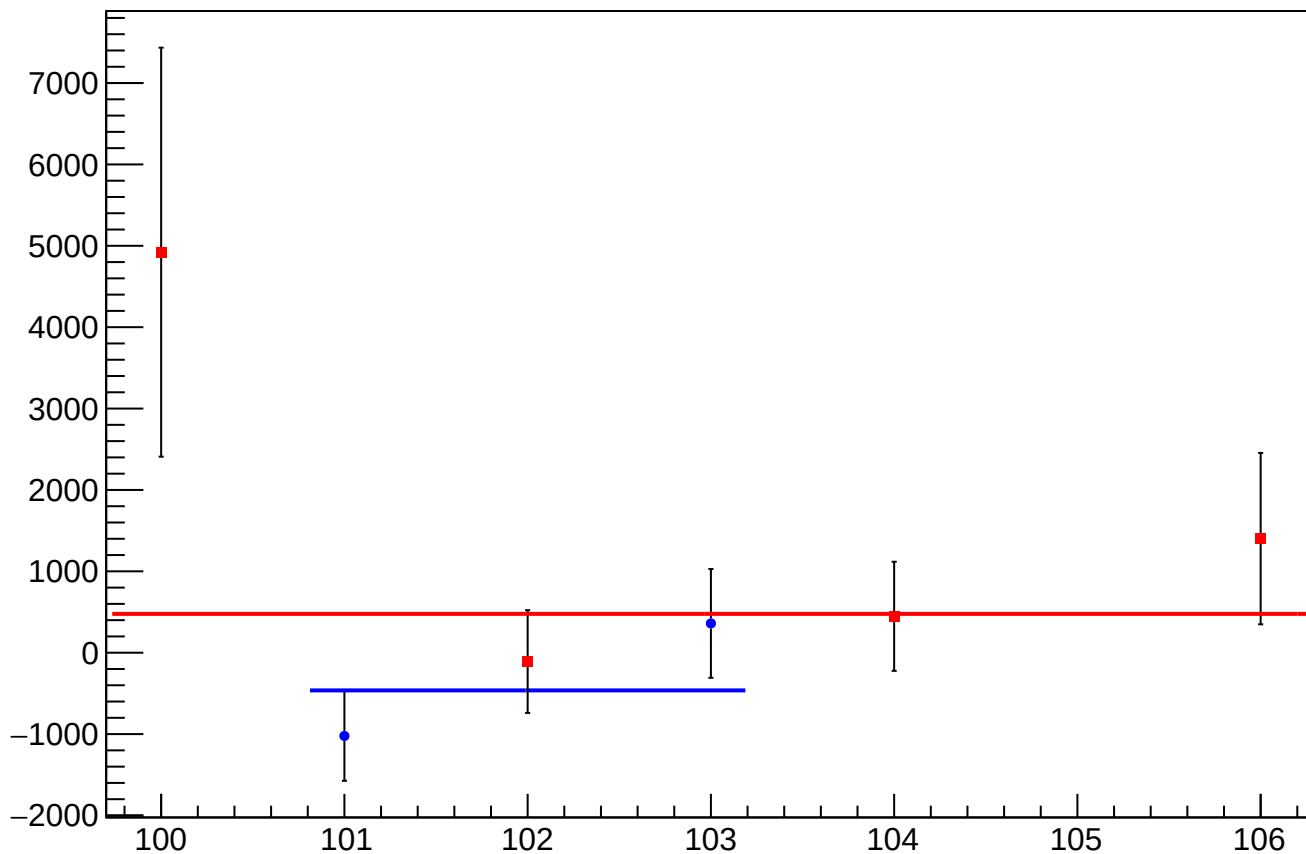
Right: 89.727 $\pm$ 0.041 χ^2 /NDF: 327482.6/5

In: 86.363 $\pm$ 0.057 χ^2 /NDF:133359.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.727 $\pm$ 0.041 χ^2 /NDF: 327482.6/5

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.180+/-425.284 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.133+/-415.306 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

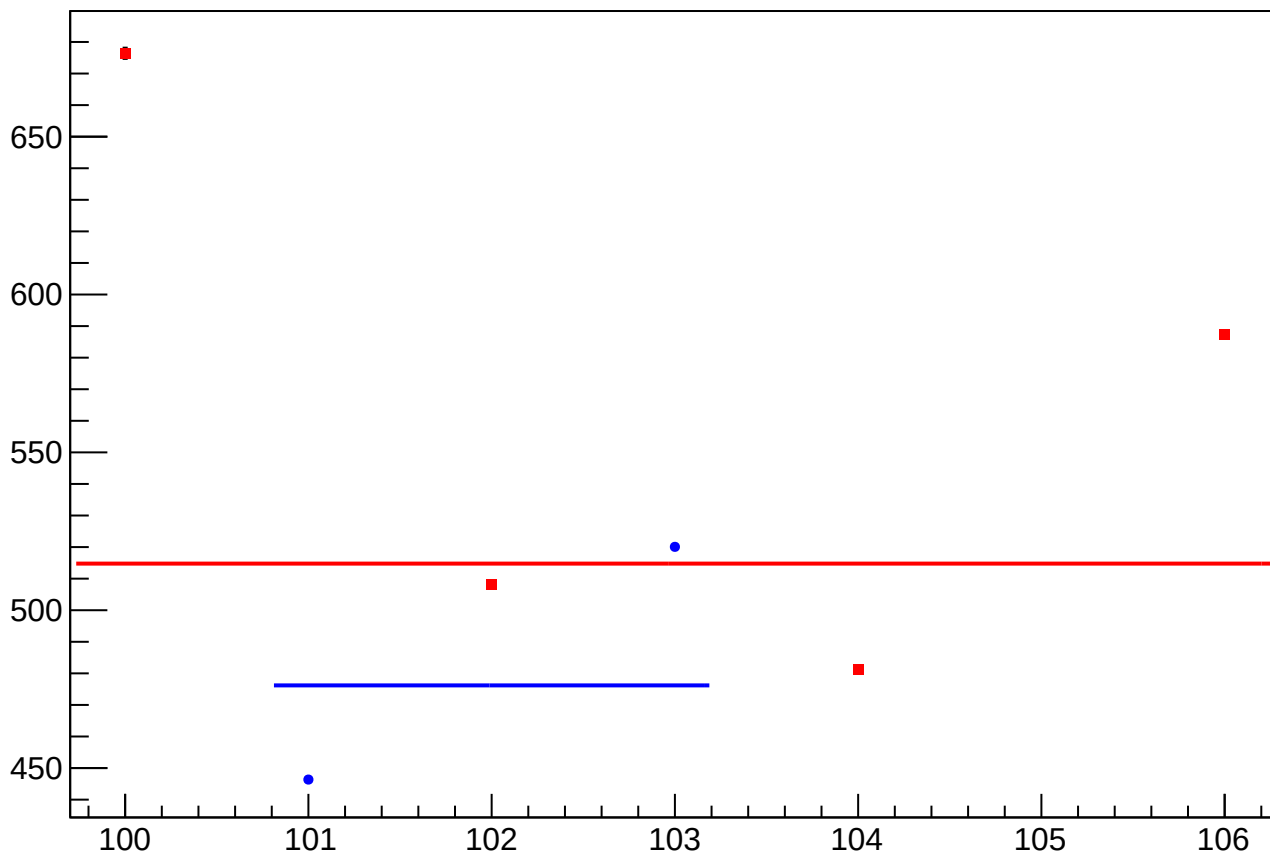
Right: 18.137+/-297.131 χ^2/NDF : 9.8/5

In: -463.180+/-425.284 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.137+/-297.131 χ^2/NDF : 9.8/5

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.190+/-0.301 χ^2/NDF : 14477.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.767+/-0.294 χ^2/NDF : 22956.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

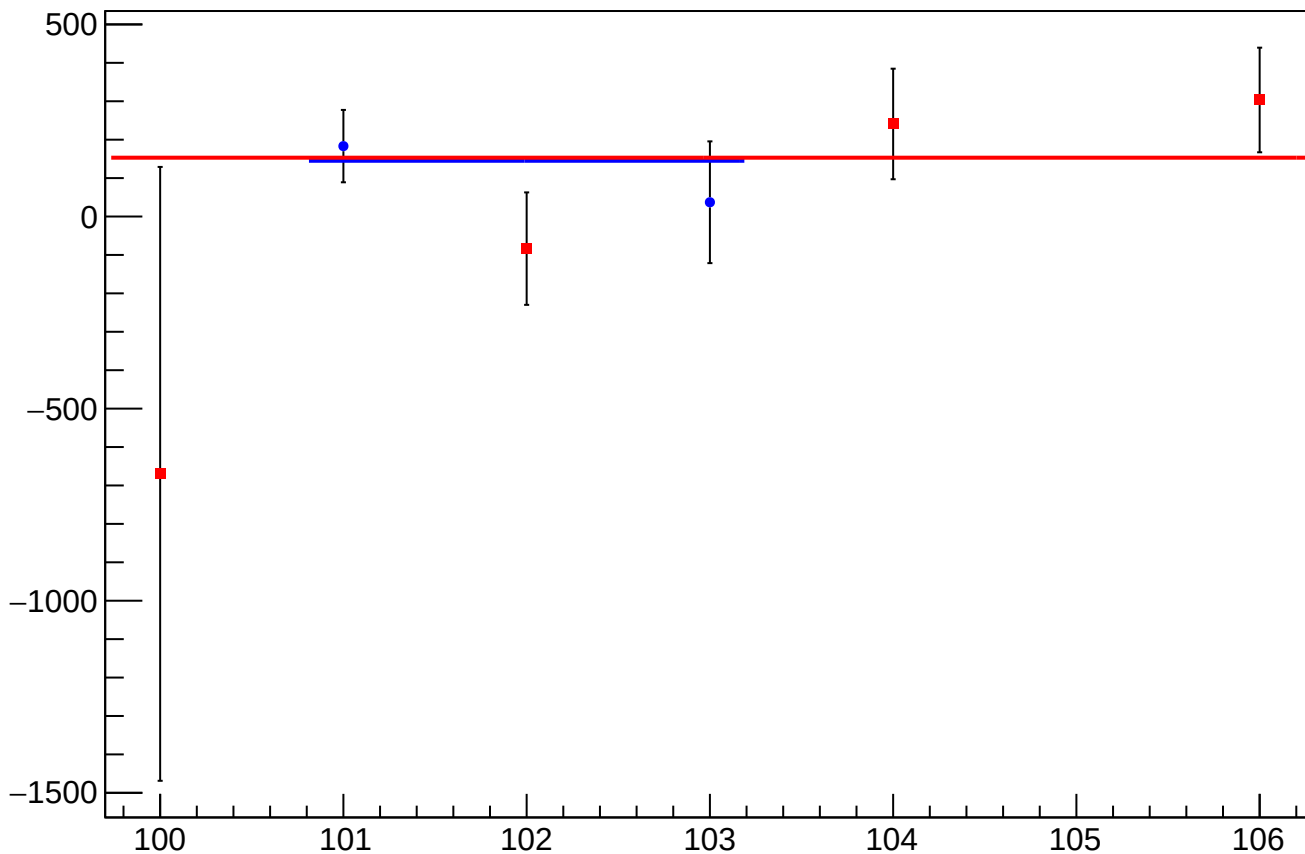
Right: 495.936+/-0.210 χ^2/NDF : 45857.1/5

In: 476.190+/-0.301 χ^2/NDF : 14477.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.936+/-0.210 χ^2/NDF : 45857.1/5

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 145.104 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.124 $\pm$ 81.511 χ^2 /NDF: 5.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

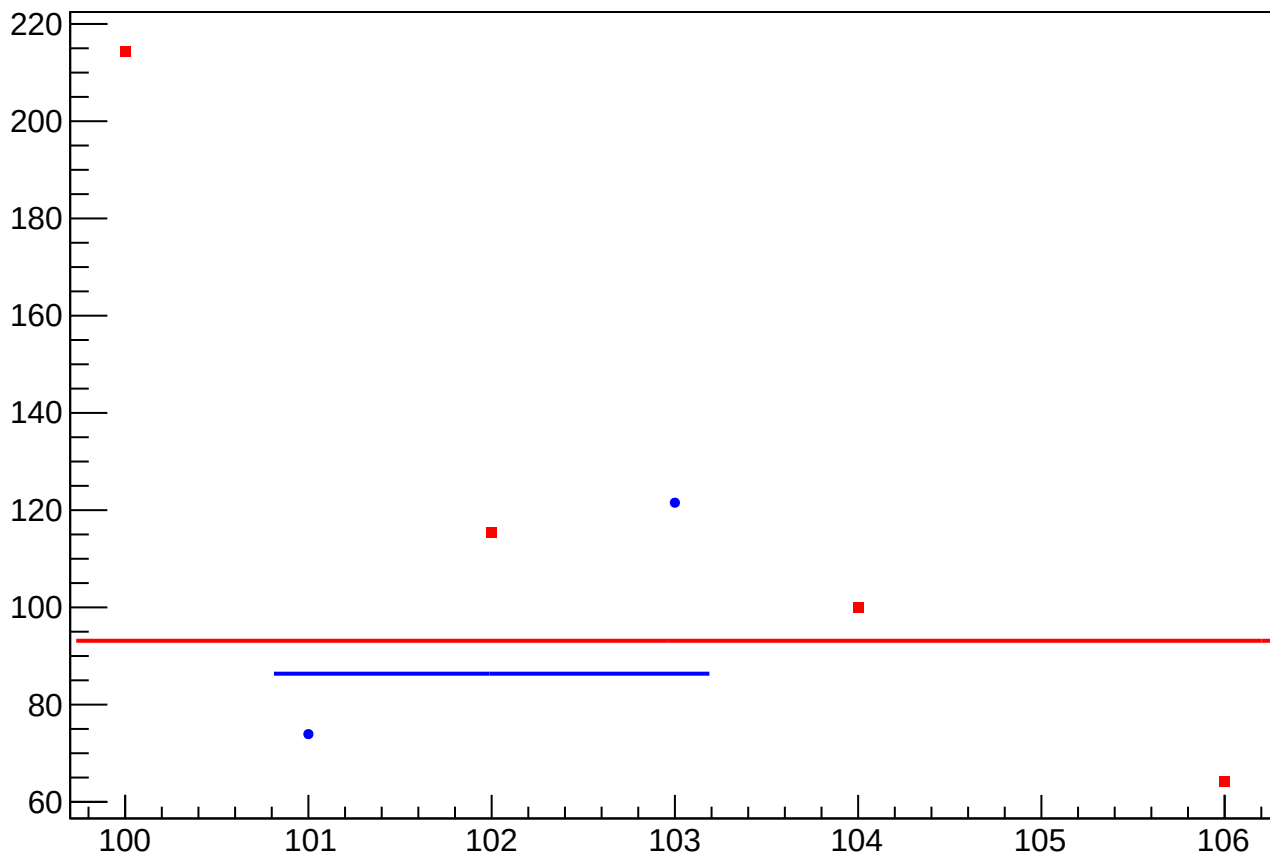
Right: 149.087 $\pm$ 57.443 χ^2 /NDF: 5.9/5

In: 145.104 $\pm$ 80.965 χ^2 /NDF: 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.087 $\pm$ 57.443 χ^2 /NDF: 5.9/5

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 86.364+/-0.057 χ^2/NDF : 133357.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.136+/-0.058 χ^2/NDF : 187173.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

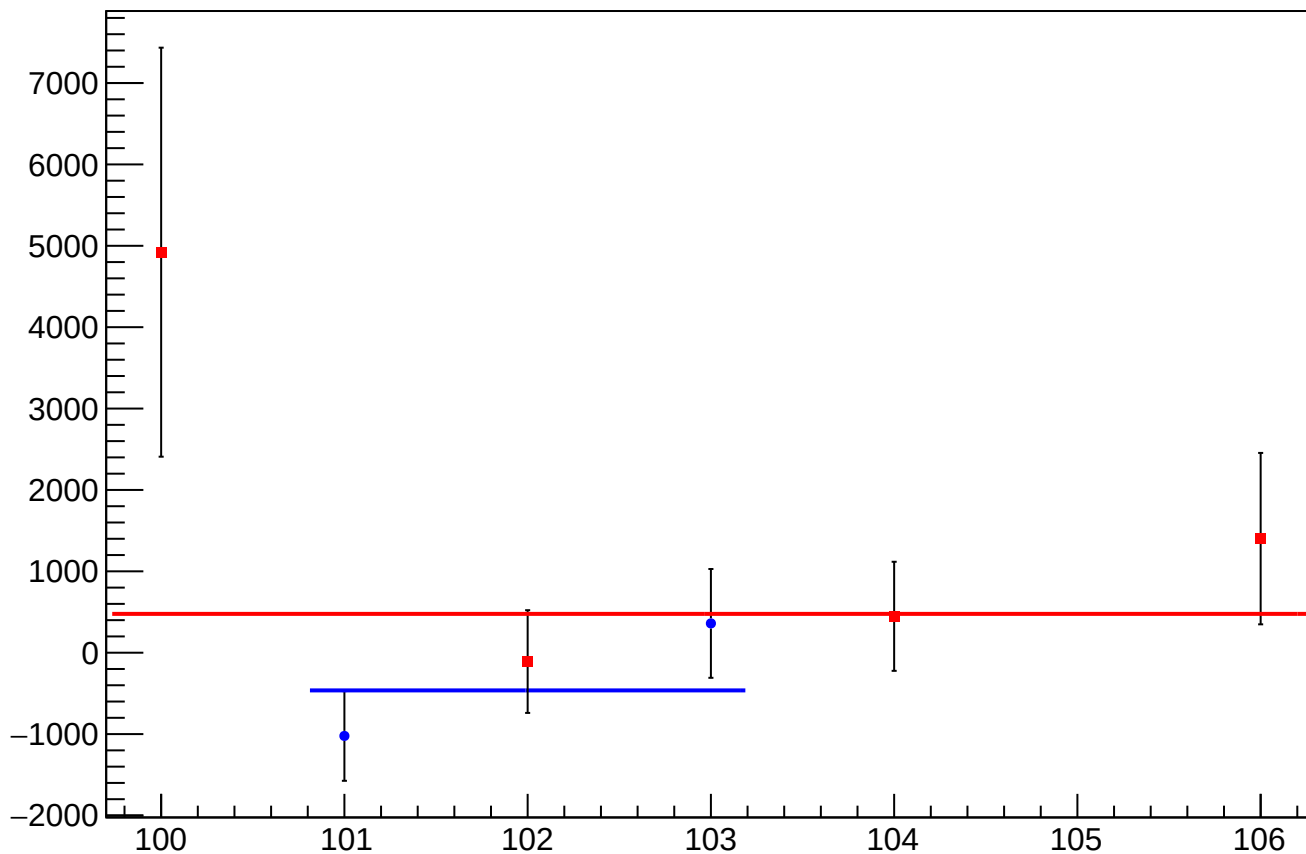
Right: 89.727+/-0.041 χ^2/NDF : 327480.6/5

In: 86.364+/-0.057 χ^2/NDF : 133357.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.727+/-0.041 χ^2/NDF : 327480.6/5

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -463.178+/-425.283 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.131+/-415.304 χ^2/NDF : 4.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

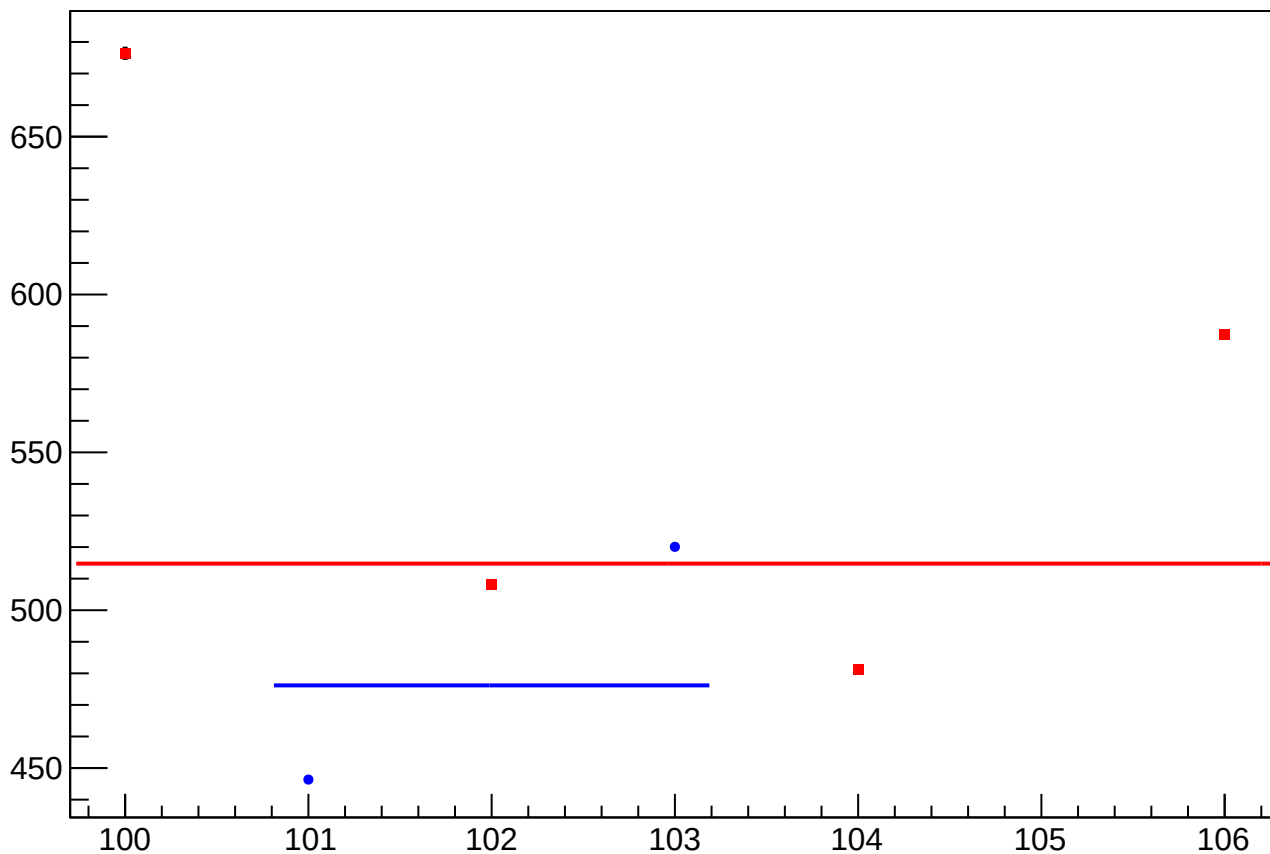
Right: 18.137+/-297.129 χ^2/NDF : 9.8/5

In: -463.178+/-425.283 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.137+/-297.129 χ^2/NDF : 9.8/5

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.188 $\pm$ 0.301 χ^2 /NDF: 14477.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 514.765 $\pm$ 0.294 χ^2 /NDF: 22957.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

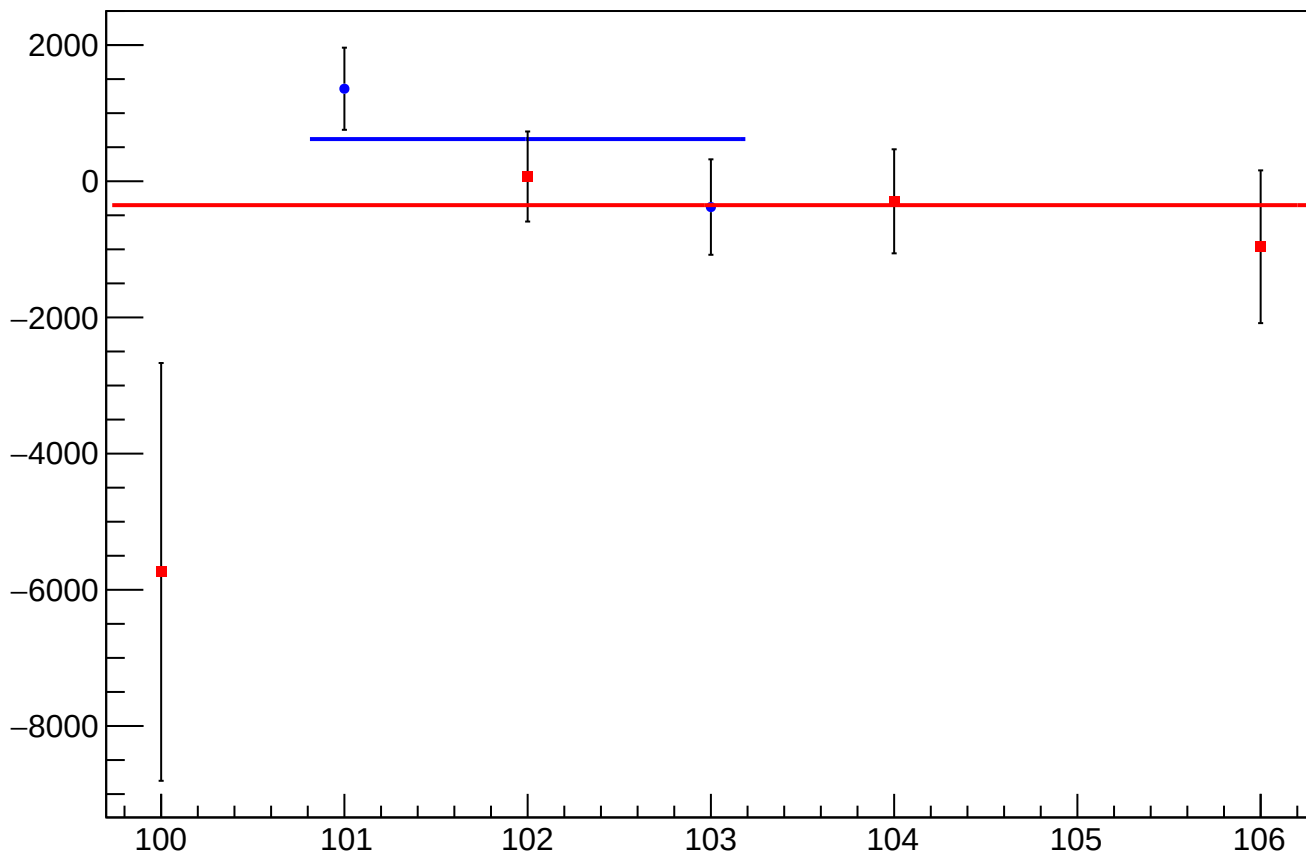
Right: 495.934 $\pm$ 0.210 χ^2 /NDF: 45857.7/5

In: 476.188 $\pm$ 0.301 χ^2 /NDF:14477.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 495.934 $\pm$ 0.210 χ^2 /NDF: 45857.7/5

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 619.317 $\pm$ 457.202 χ^2 /NDF: 3.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -350.982 $\pm$ 451.732 χ^2 /NDF: 3.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

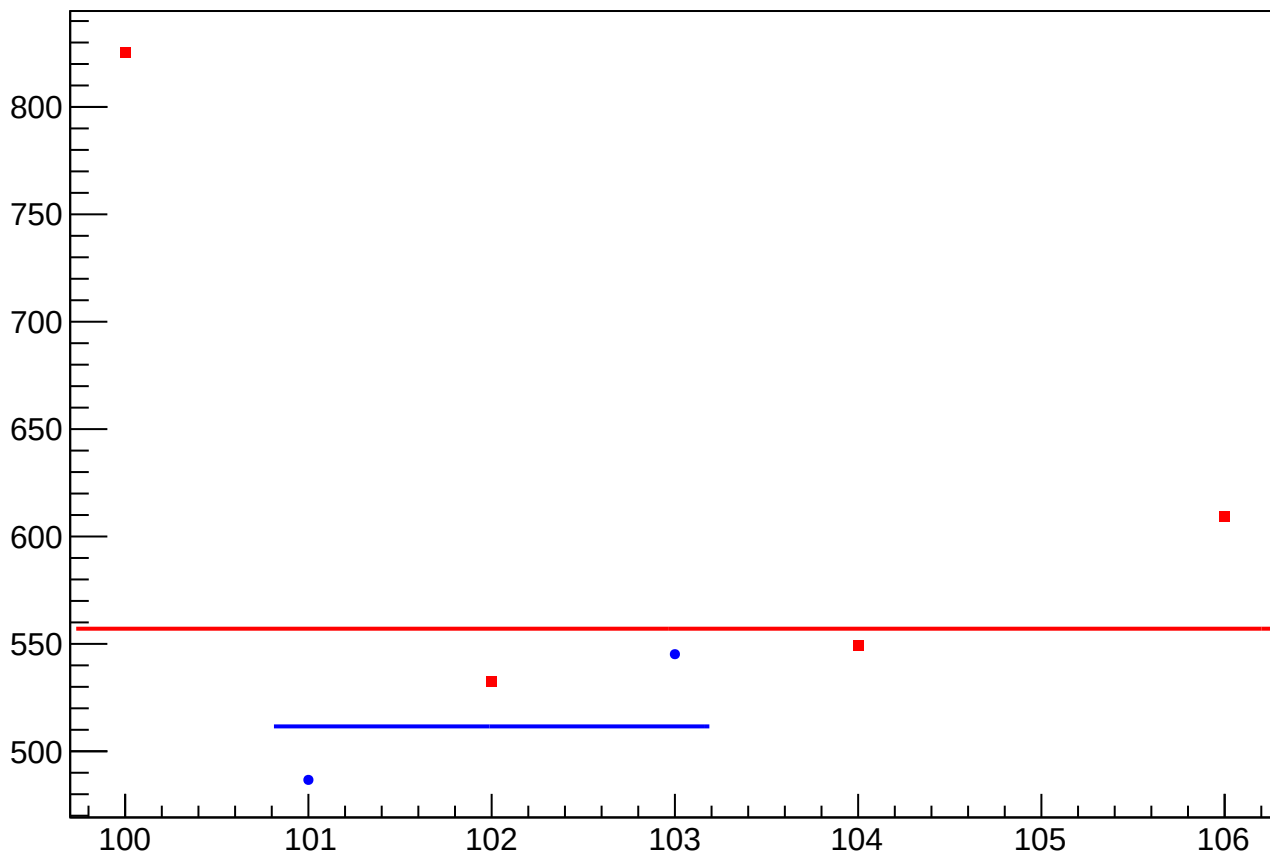
Right: 128.329 $\pm$ 321.339 χ^2 /NDF: 9.6/5

In: 619.317 $\pm$ 457.202 χ^2 /NDF:3.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.329 $\pm$ 321.339 χ^2 /NDF: 9.6/5

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 511.580+/-0.323 χ^2/NDF : 8011.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.070+/-0.319 χ^2/NDF : 22611.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

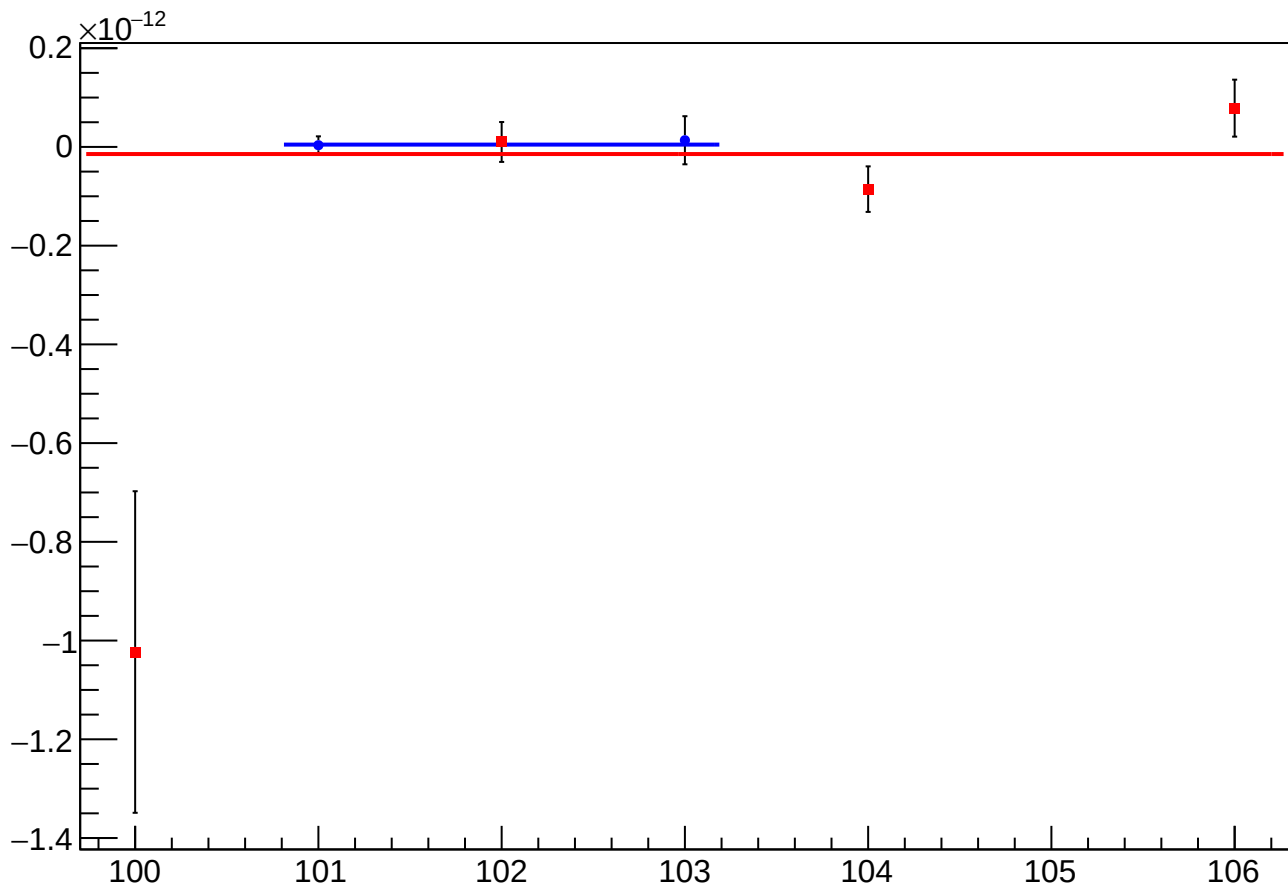
Right: 534.598+/-0.227 χ^2/NDF : 40641.4/5

In: 511.580+/-0.323 χ^2/NDF : 8011.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.598+/-0.227 χ^2/NDF : 40641.4/5

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

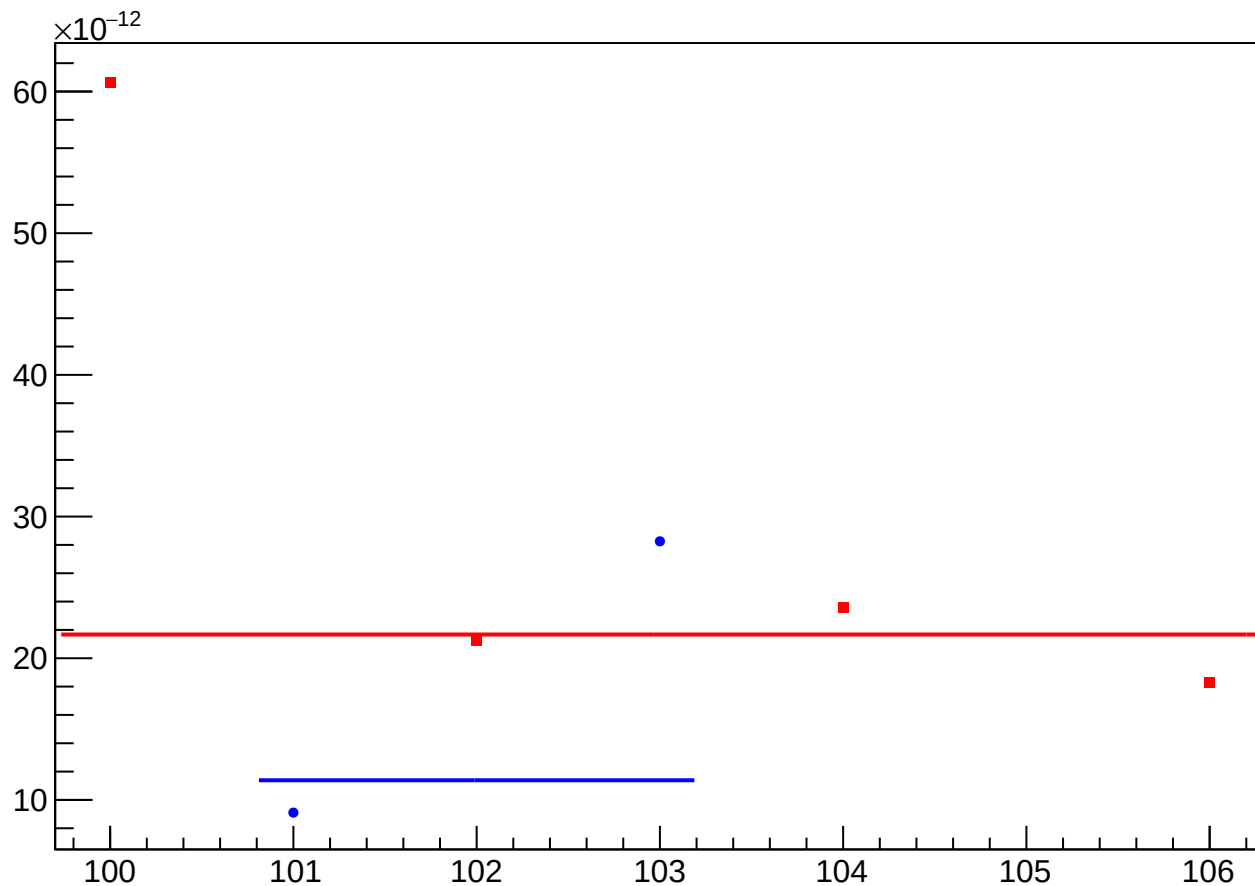
Right: -0.000+/-0.000 χ^2/NDF : 15.3/5

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/5

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 272103.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 39097.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

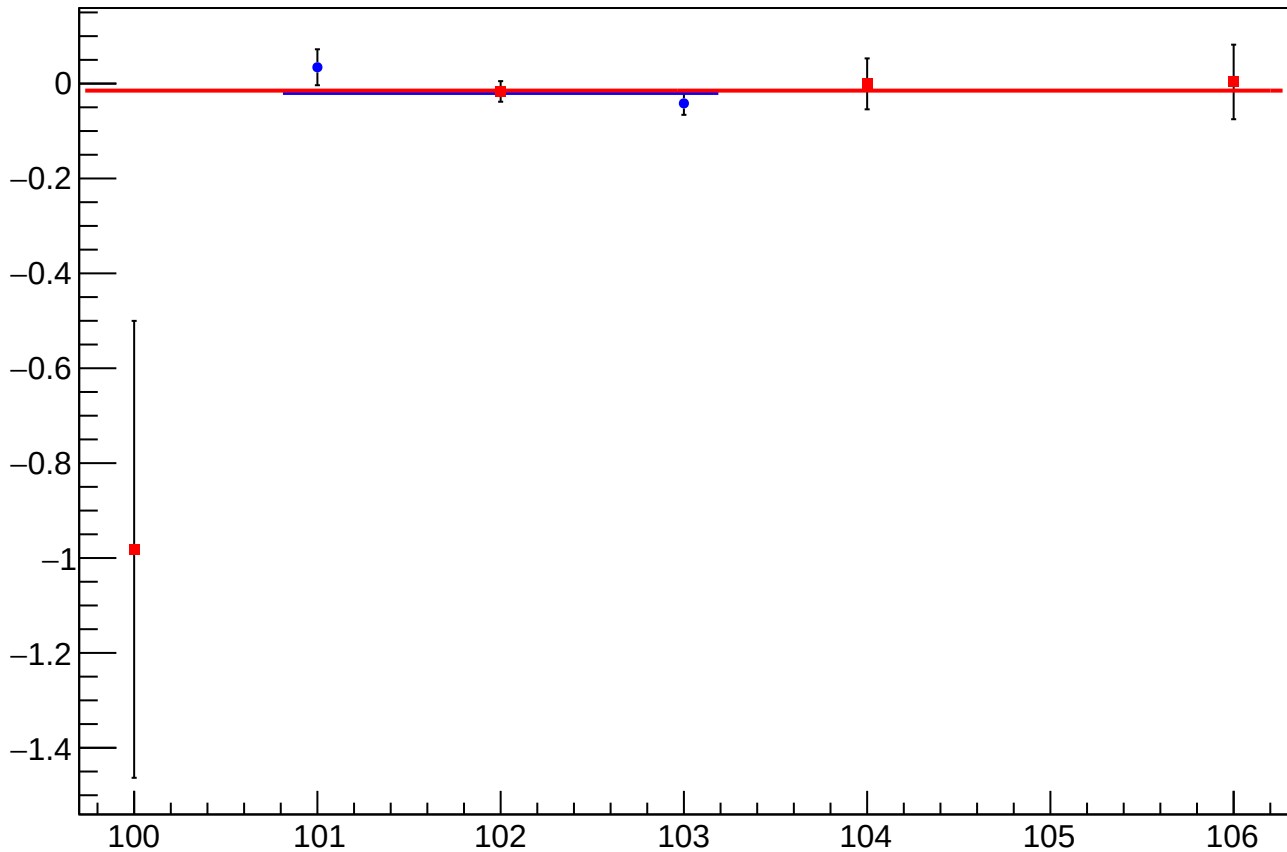
Right: 0.000+/-0.000 χ^2/NDF : 522647.8/5

In: 0.000+/-0.000 χ^2/NDF : 272103.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 522647.8/5

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.019 χ^2/NDF : 4.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

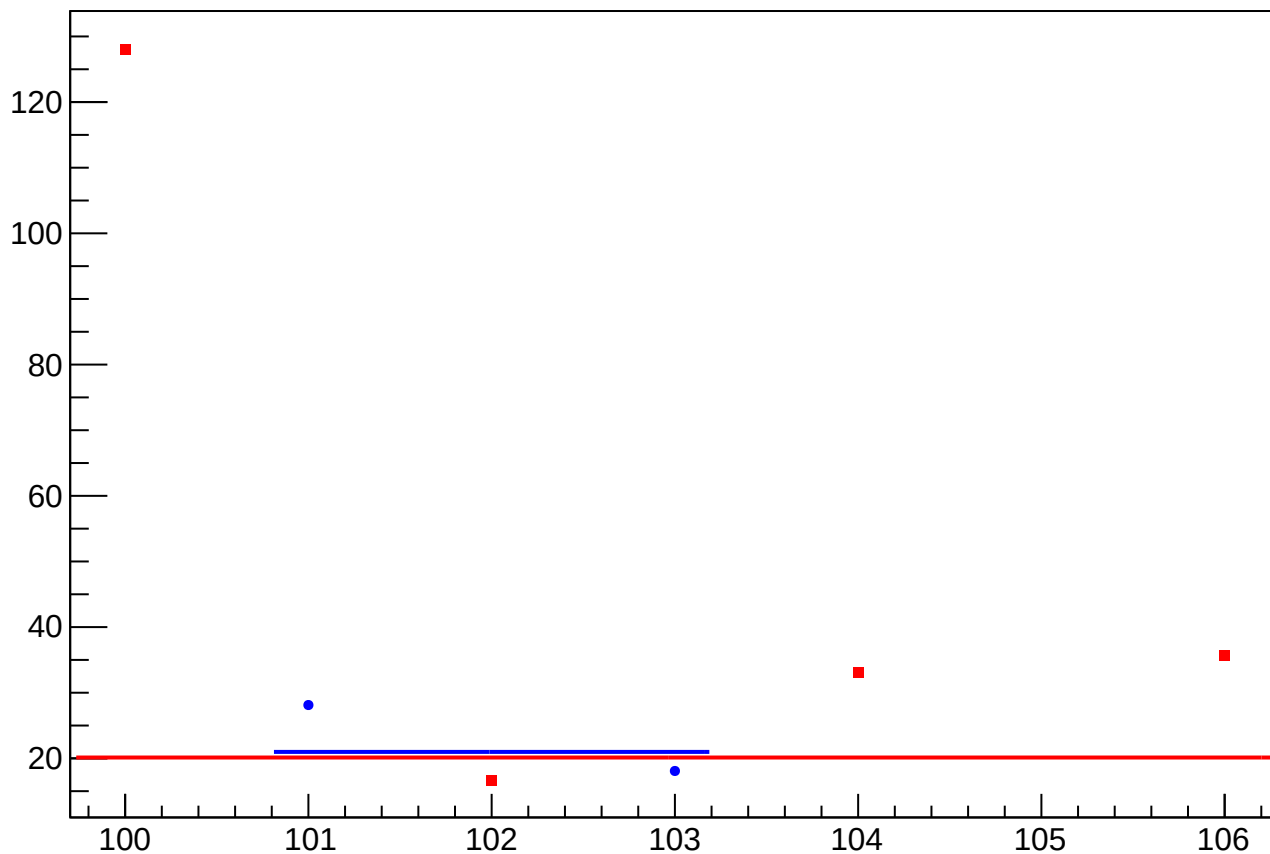
Right: -0.017 ± 0.014 χ^2/NDF : 7.1/5

In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.014 χ^2/NDF : 7.1/5

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.127+/-0.014 χ^2/NDF : 349017.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

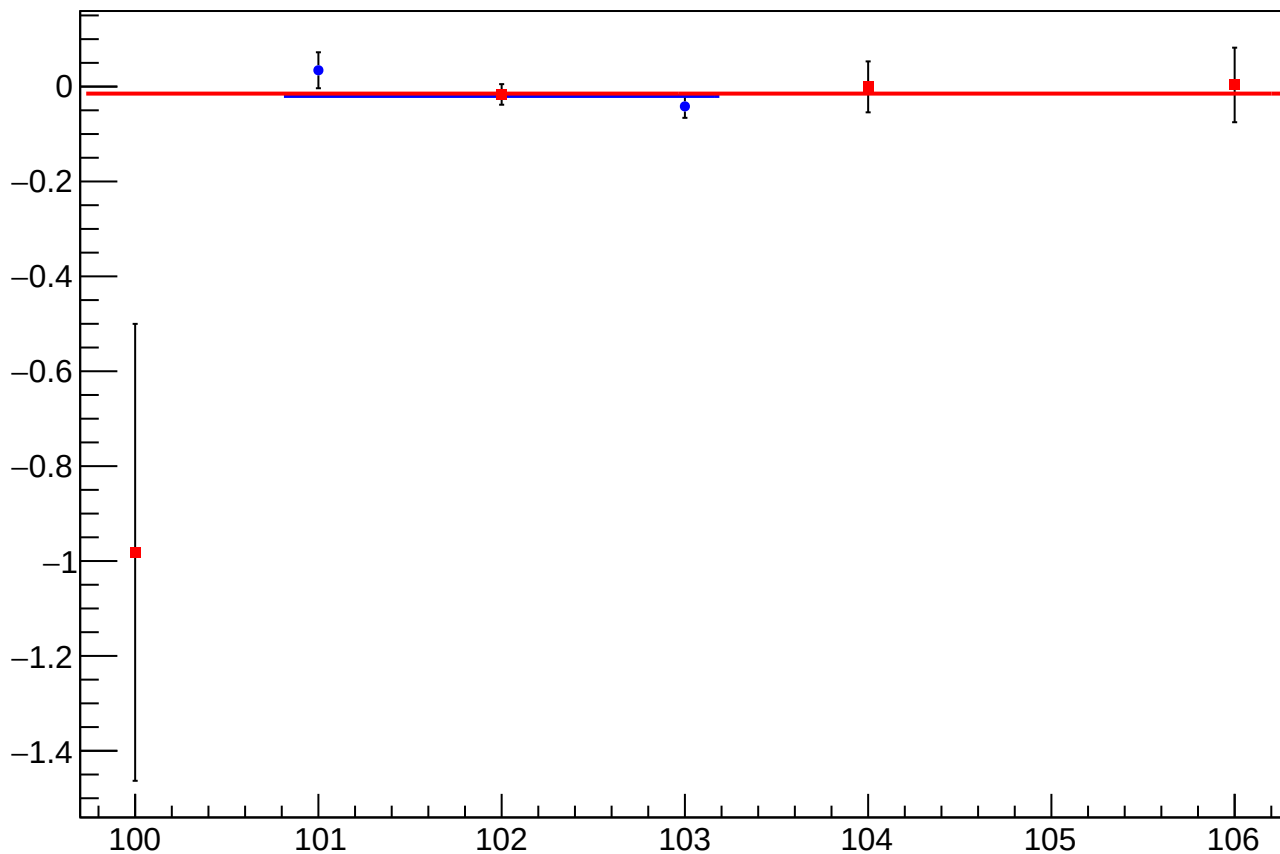
Right: 20.536+/-0.010 χ^2/NDF : 450790.2/5

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.536+/-0.010 χ^2/NDF : 450790.2/5

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 $\chi^2/\text{NDF}: 2.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.019 $\chi^2/\text{NDF}: 4.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

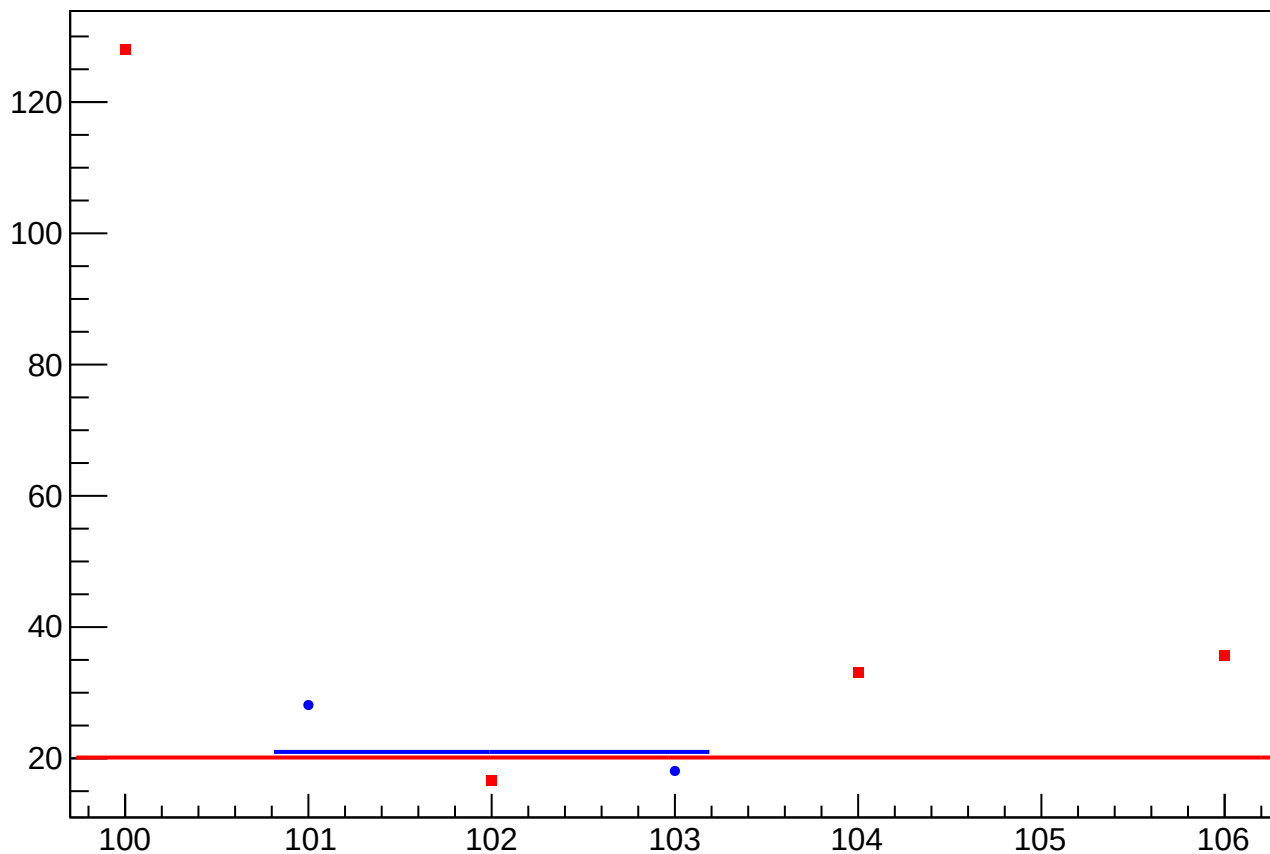
Right: -0.017 ± 0.014 $\chi^2/\text{NDF}: 7.1/5$

In: -0.020 ± 0.020 $\chi^2/\text{NDF}: 2.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.017 ± 0.014 $\chi^2/\text{NDF}: 7.1/5$

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.127+/-0.014 χ^2/NDF : 349017.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

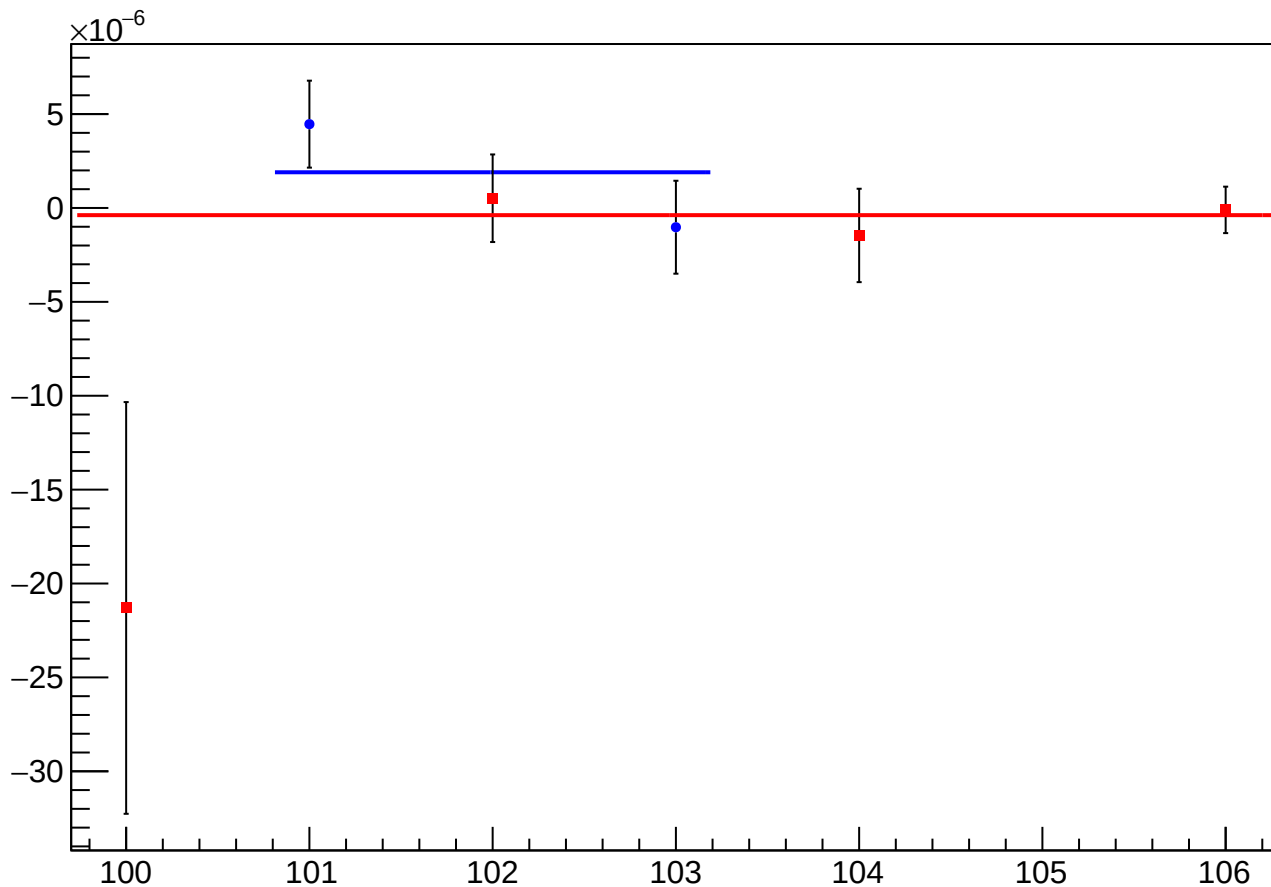
Right: 20.536+/-0.010 χ^2/NDF : 450790.2/5

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.536+/-0.010 χ^2/NDF : 450790.2/5

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

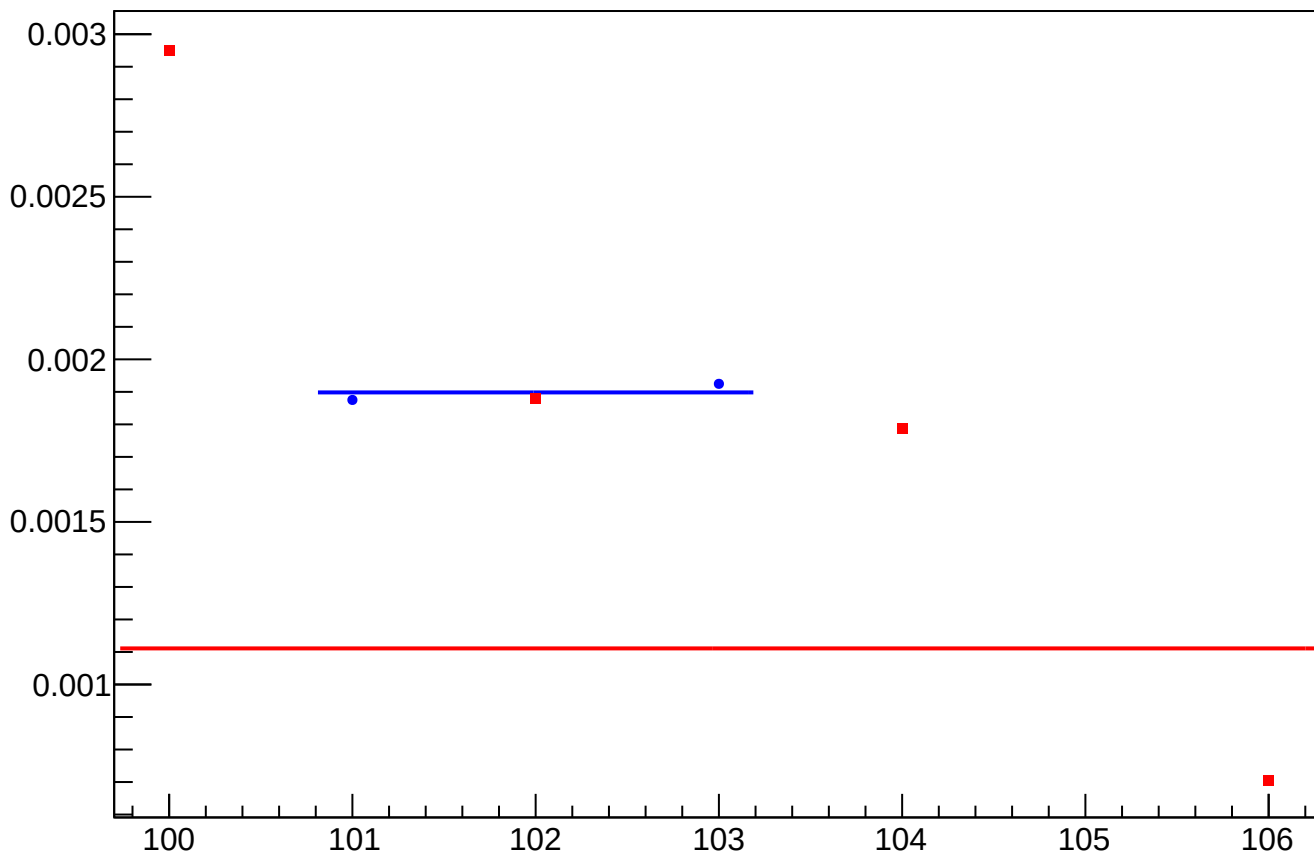
Right: 0.000+/-0.000 χ^2/NDF : 8.0/5

In: 0.000+/-0.000 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/5

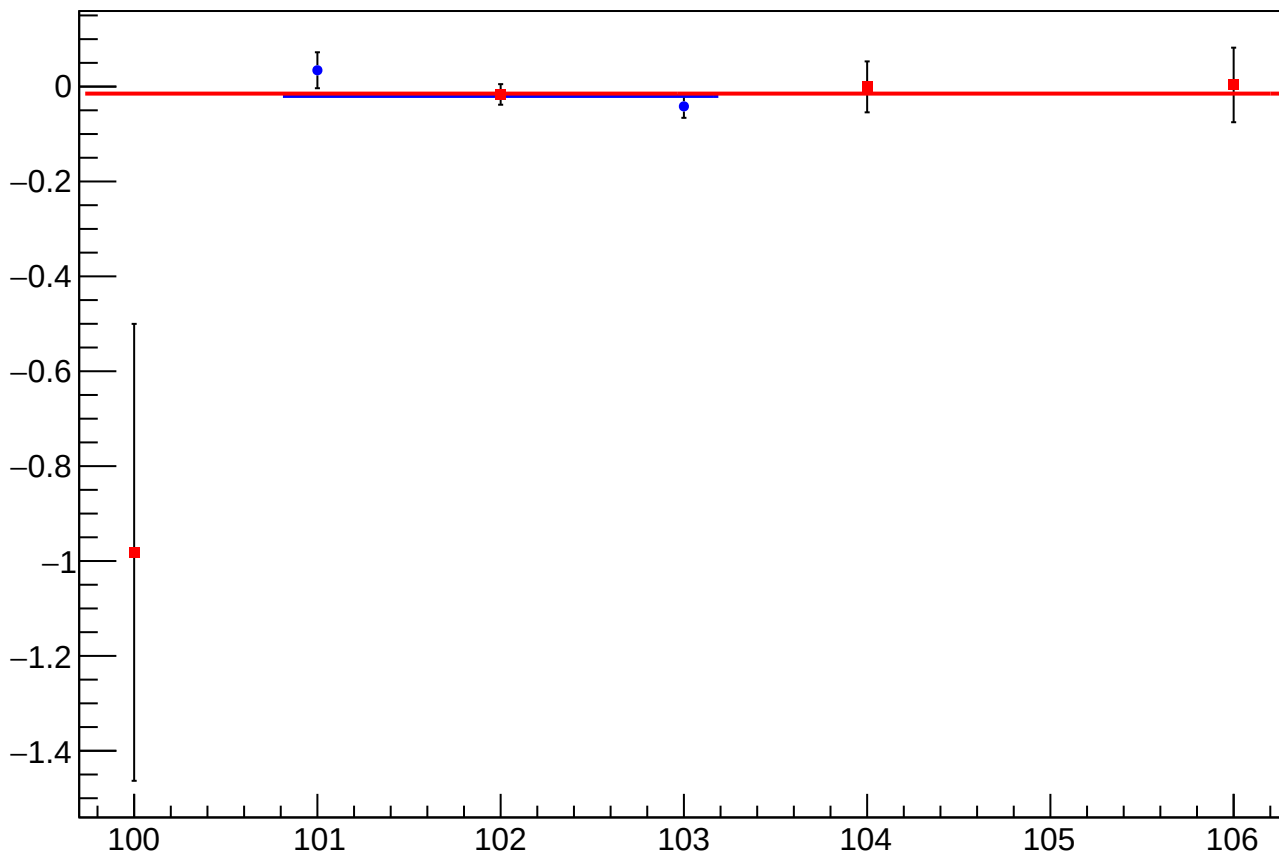
asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 427.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.001+/-0.000 χ^2/NDF : 636210.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.001+/-0.000 χ^2/NDF : 958585.2/5
 In: 0.002+/-0.000 χ^2/NDF : 427.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.001+/-0.000 χ^2/NDF : 958585.2/5

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 $\chi^2/\text{NDF}: 2.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.019 $\chi^2/\text{NDF}: 4.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

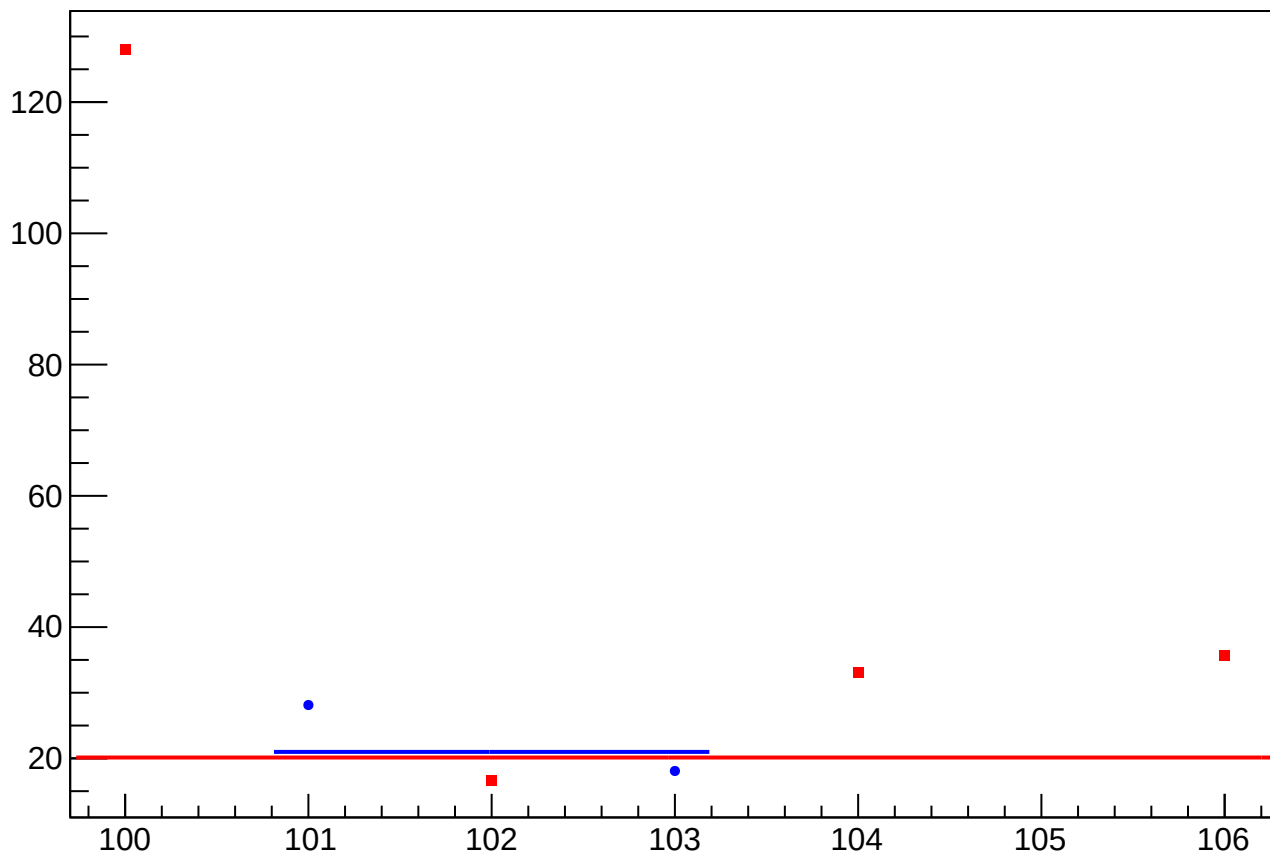
Right: -0.017 ± 0.014 $\chi^2/\text{NDF}: 7.1/5$

In: -0.020 ± 0.020 $\chi^2/\text{NDF}: 2.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.017 ± 0.014 $\chi^2/\text{NDF}: 7.1/5$

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.128+/-0.014 χ^2/NDF : 349023.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

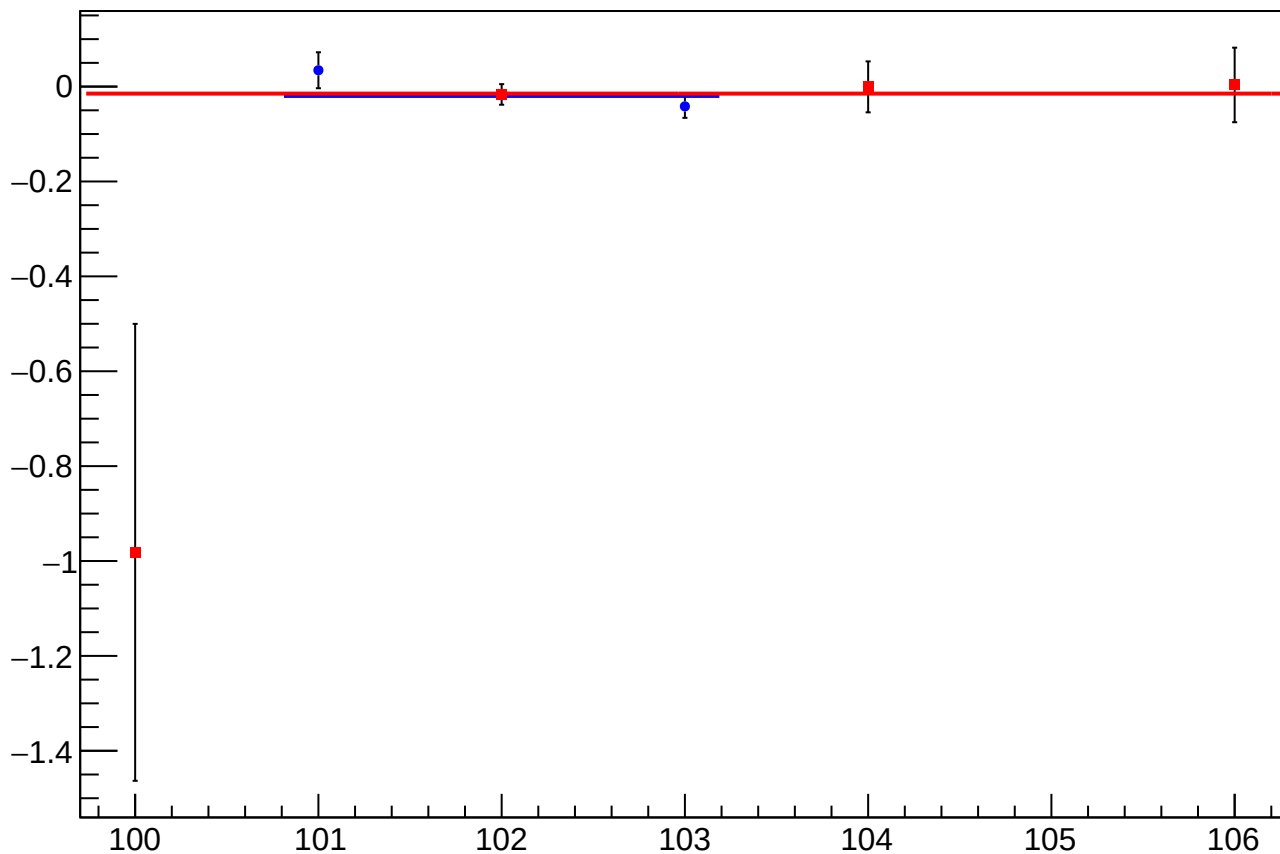
Right: 20.537+/-0.010 χ^2/NDF : 450802.8/5

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.537+/-0.010 χ^2/NDF : 450802.8/5

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.019 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

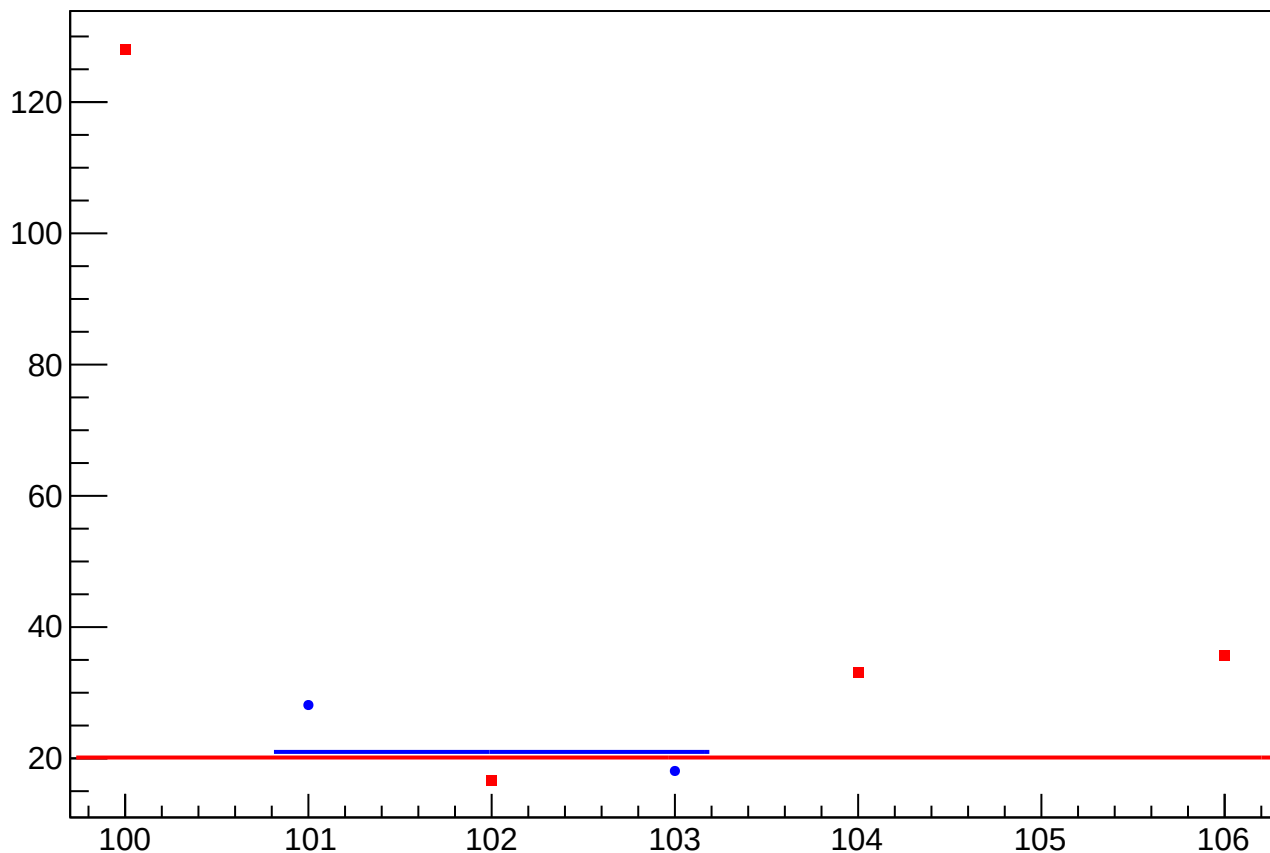
Right: -0.017+/-0.014 χ^2/NDF : 7.1/5

In: -0.020+/-0.020 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.014 χ^2/NDF : 7.1/5

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.128+/-0.014 χ^2/NDF : 349023.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

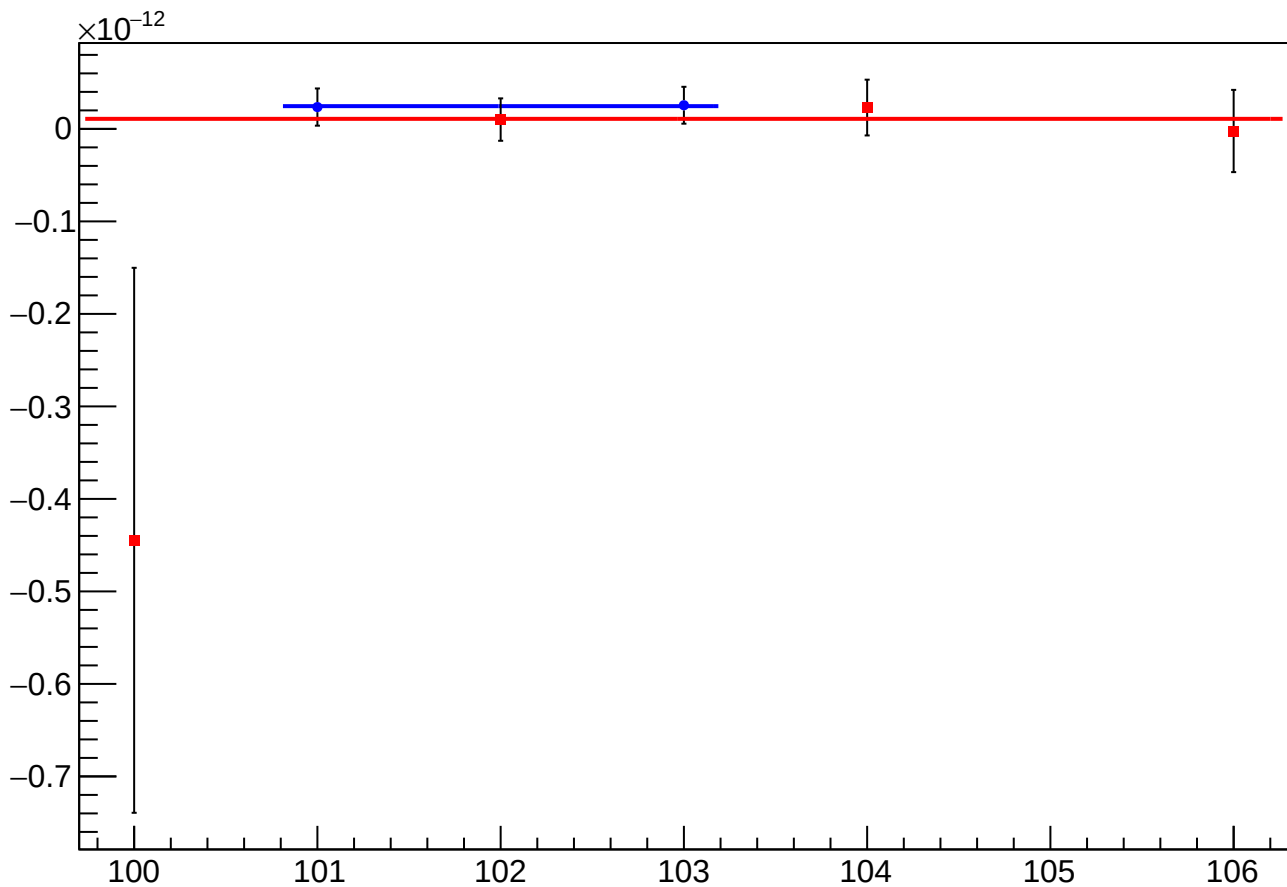
Right: 20.537+/-0.010 χ^2/NDF : 450802.8/5

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.537+/-0.010 χ^2/NDF : 450802.8/5

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

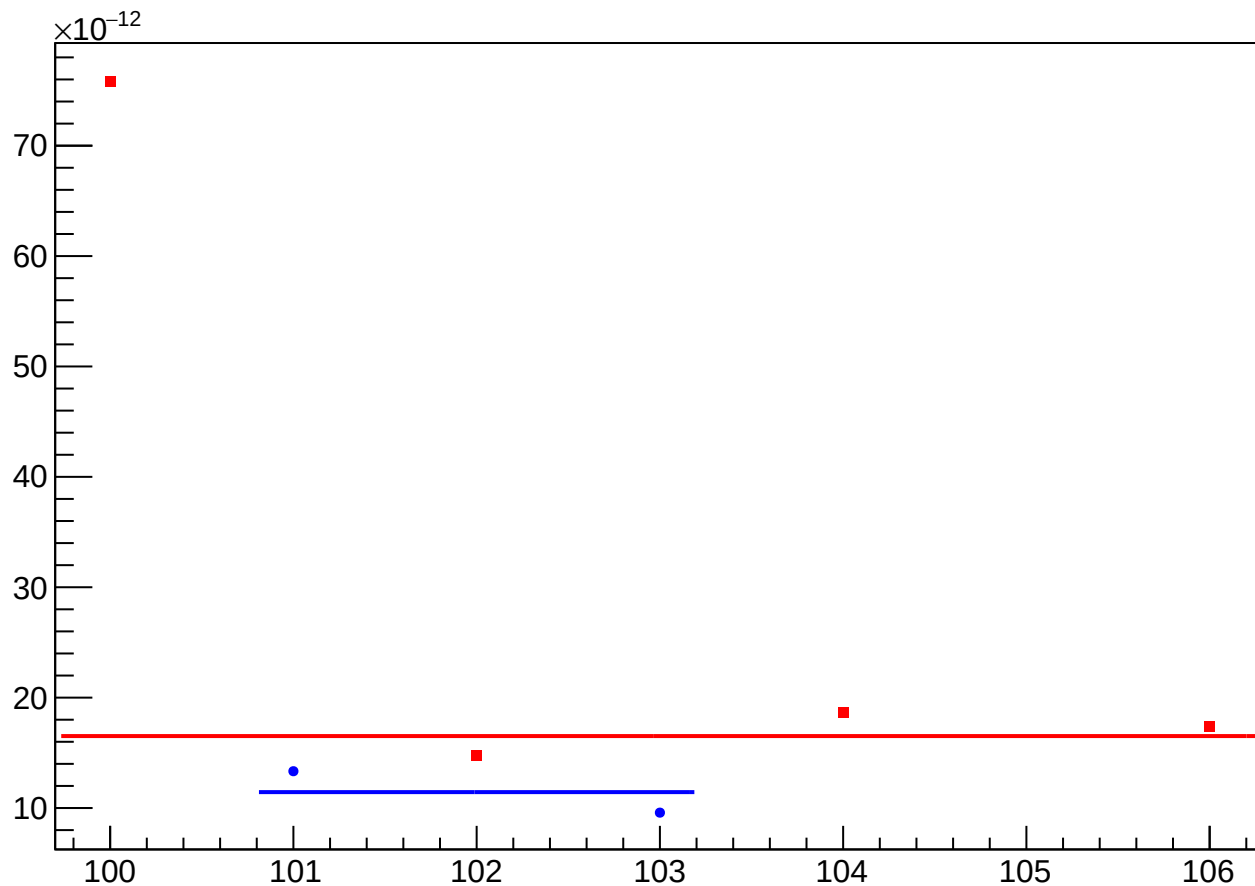
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/5

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 35130.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 103702.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

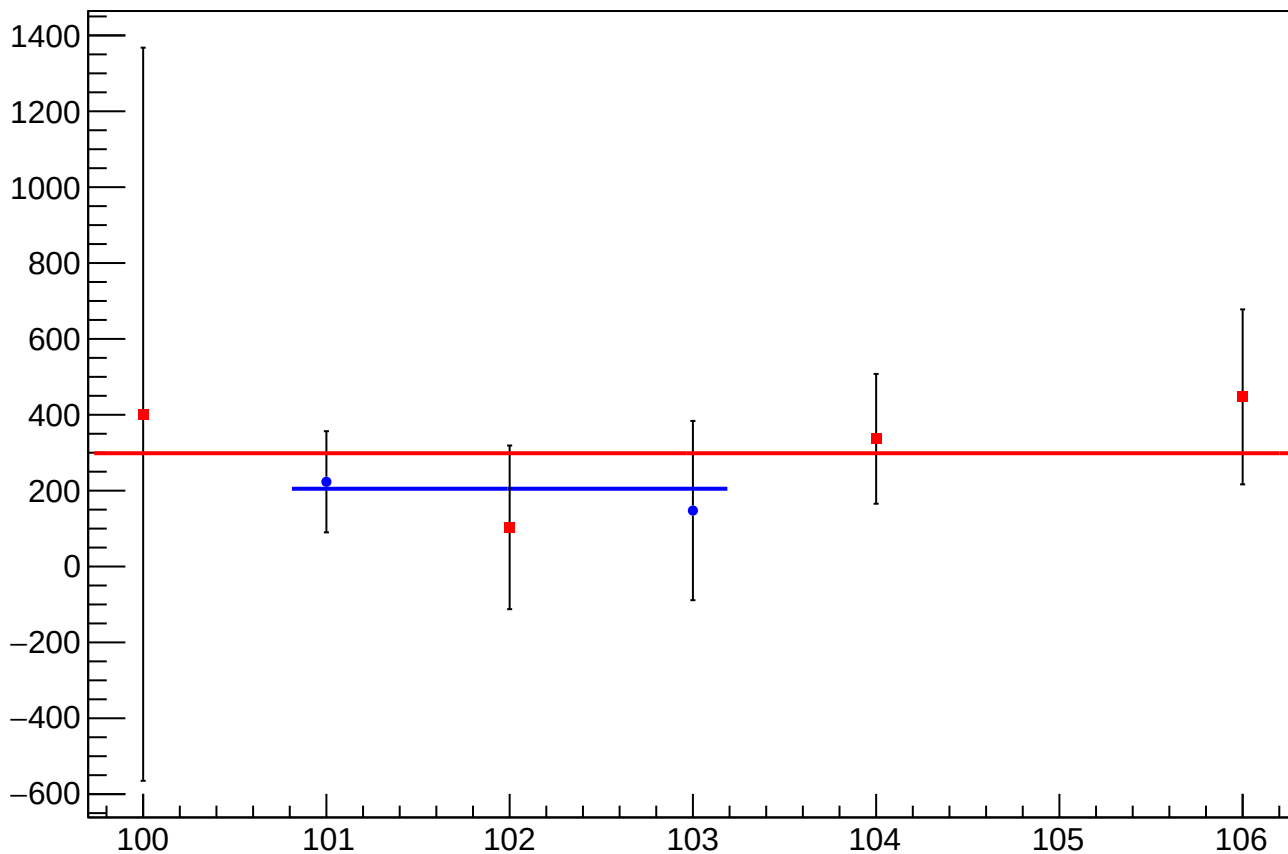
Right: 0.000+/-0.000 χ^2/NDF : 245264.4/5

In: 0.000+/-0.000 χ^2/NDF : 35130.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 245264.4/5

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.048 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.664 $\pm$ 115.059 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

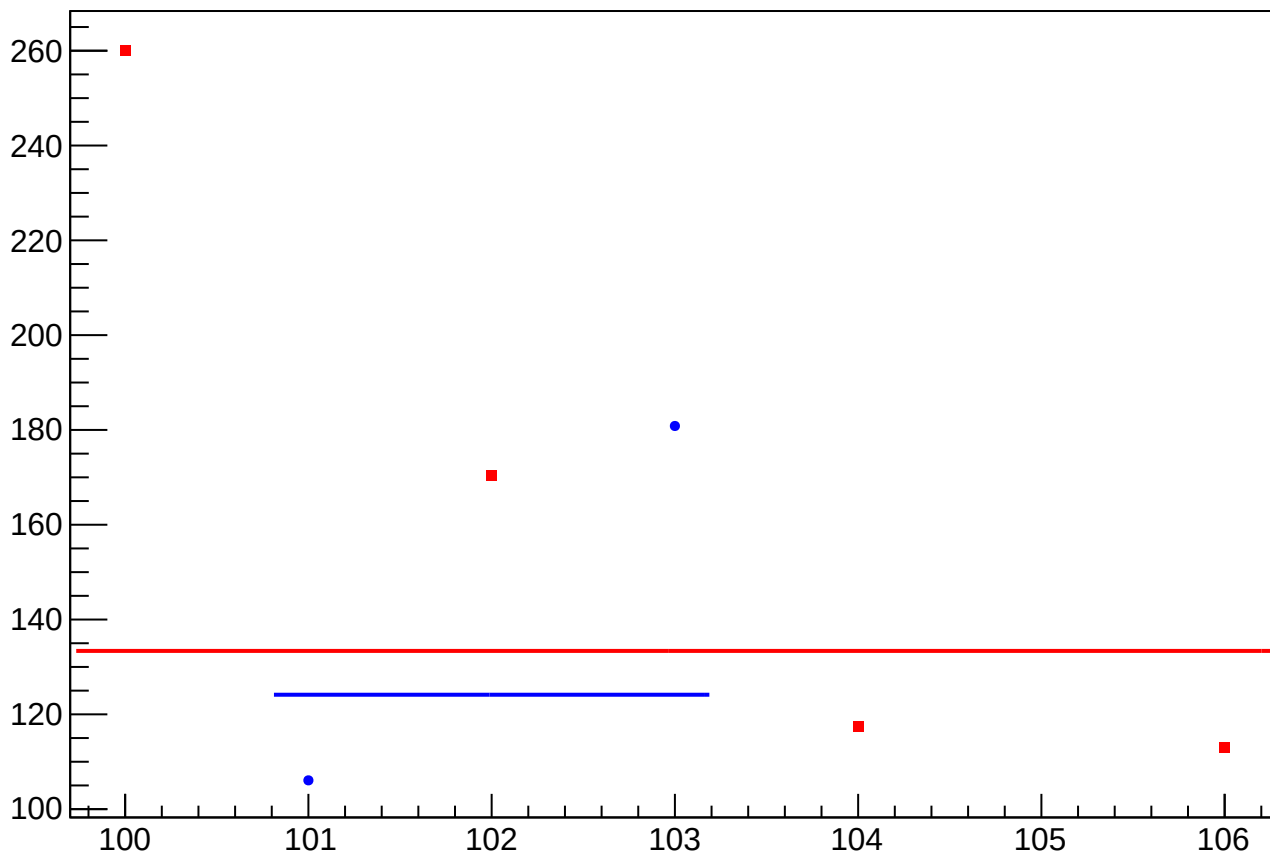
Right: 252.286 $\pm$ 81.731 χ^2 /NDF: 1.7/5

In: 205.048 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 252.286 $\pm$ 81.731 χ^2 /NDF: 1.7/5

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137+/-0.082 χ^2/NDF : 151903.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.382+/-0.081 χ^2/NDF : 126051.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

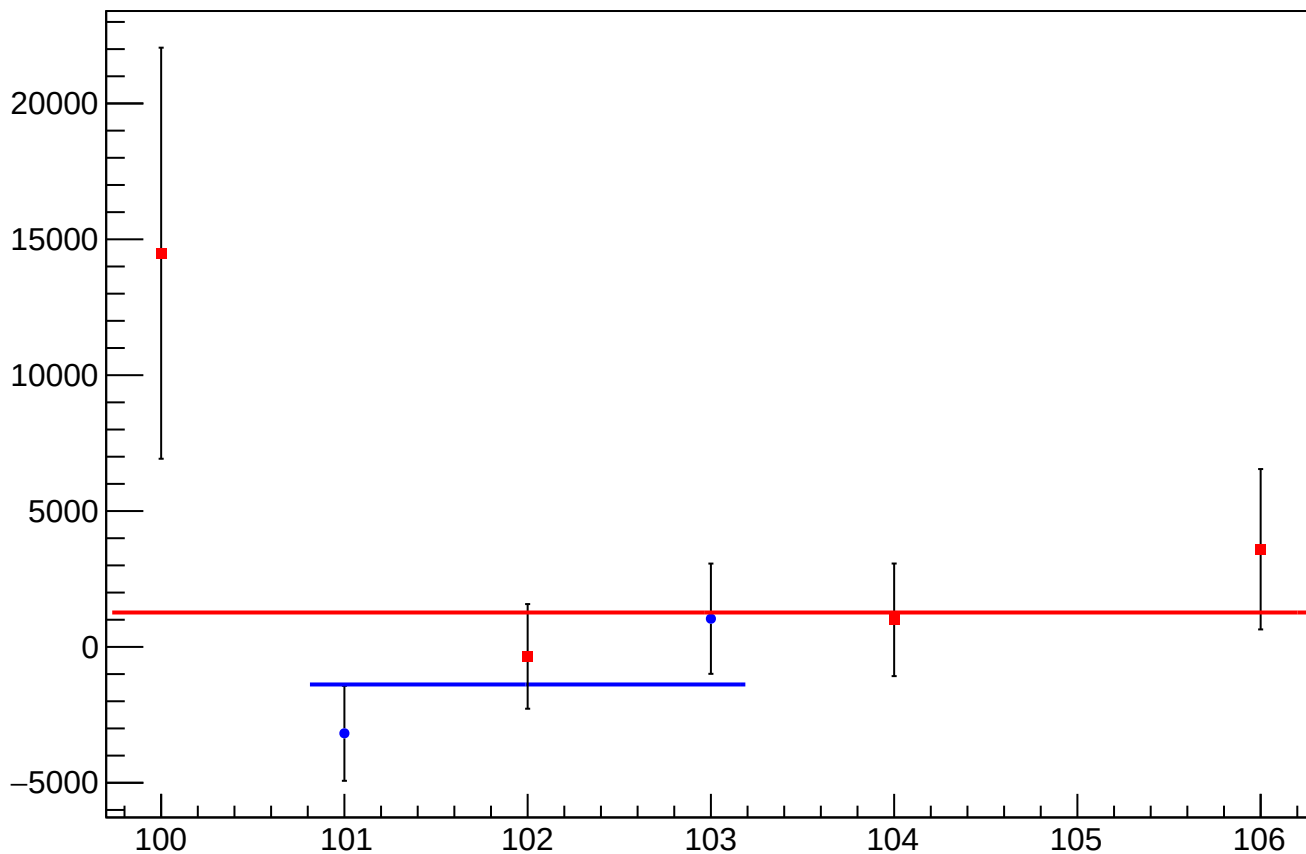
Right: 128.802+/-0.058 χ^2/NDF : 284351.5/5

In: 124.137+/-0.082 χ^2/NDF : 151903.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.802+/-0.058 χ^2/NDF : 284351.5/5

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1382.257+/-1324.300 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1266.553+/-1254.955 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

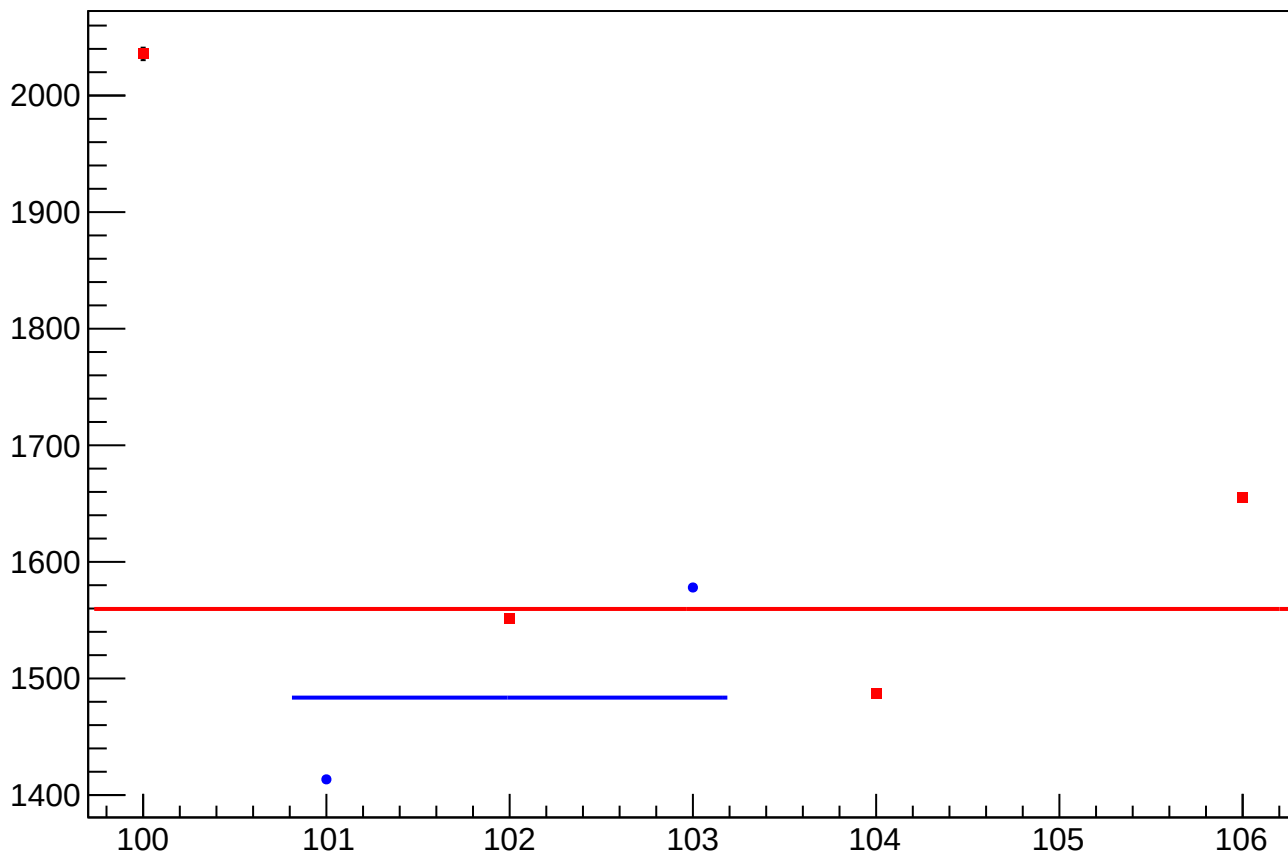
Right: 13.312+/-910.916 χ^2/NDF : 9.0/5

In: -1382.257+/-1324.300 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.312+/-910.916 χ^2/NDF : 9.0/5

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1483.588 $\pm$ 0.936 χ^2 /NDF: 7551.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1559.625 $\pm$ 0.887 χ^2 /NDF: 12508.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

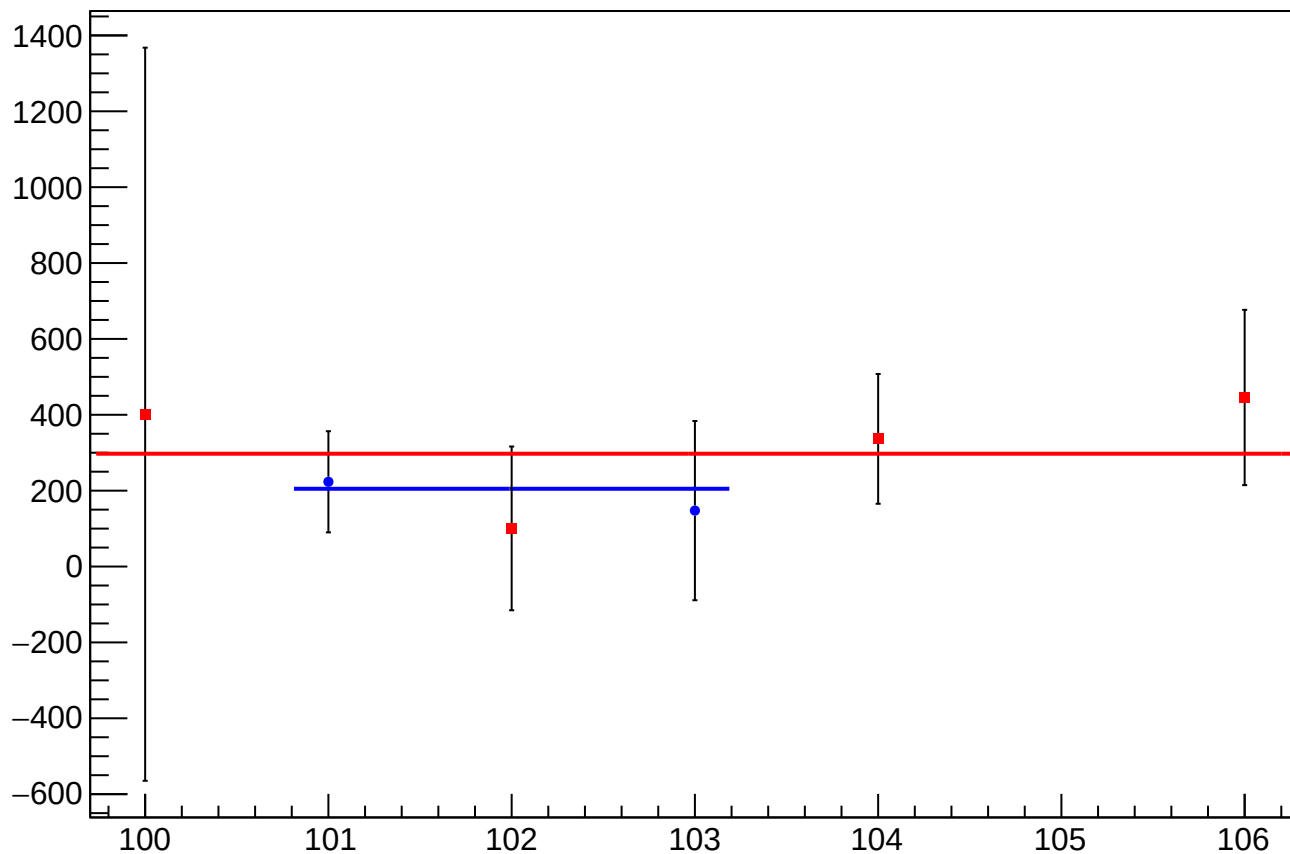
Right: 1523.649 $\pm$ 0.644 χ^2 /NDF: 23534.5/5

In: 1483.588 $\pm$ 0.936 χ^2 /NDF:7551.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1523.649 $\pm$ 0.644 χ^2 /NDF: 23534.5/5

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 297.394 $\pm$ 115.128 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

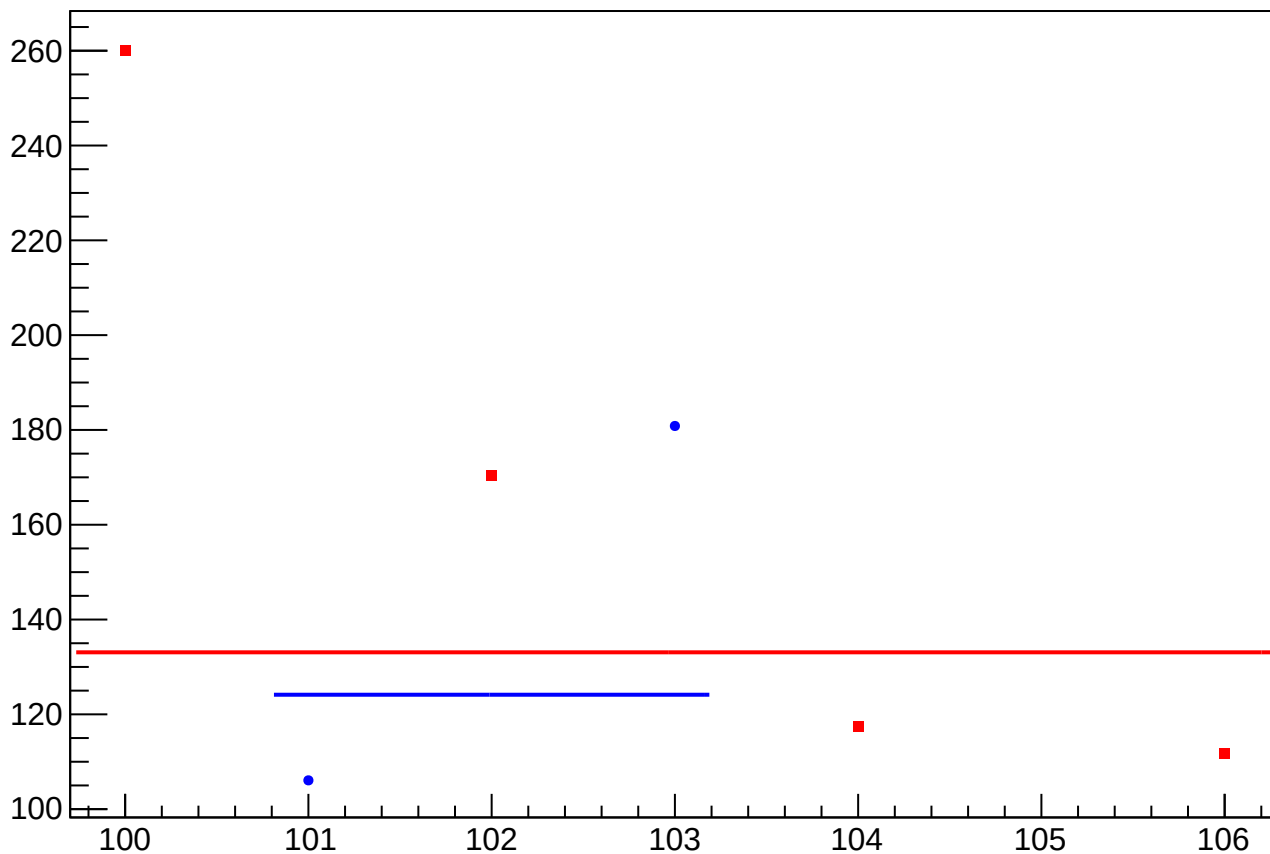
Right: 251.603 $\pm$ 81.756 χ^2 /NDF: 1.7/5

In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.603 $\pm$ 81.756 χ^2 /NDF: 1.7/5

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137 $\pm$ 0.082 χ^2 /NDF: 151906.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.085 $\pm$ 0.081 χ^2 /NDF: 128274.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

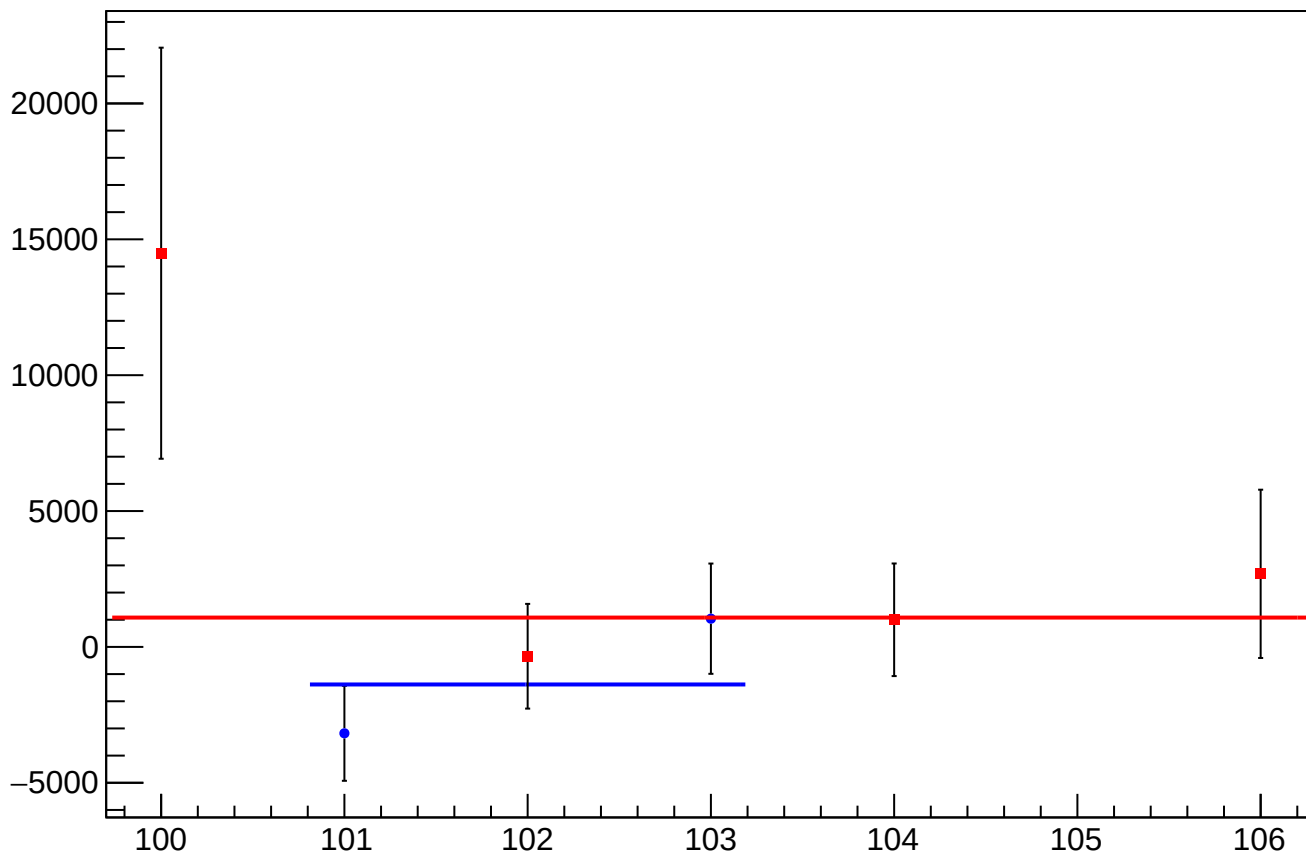
Right: 128.650 $\pm$ 0.058 χ^2 /NDF: 286169.3/5

In: 124.137 $\pm$ 0.082 χ^2 /NDF: 151906.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.650 $\pm$ 0.058 χ^2 /NDF: 286169.3/5

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.715+/-1265.858 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

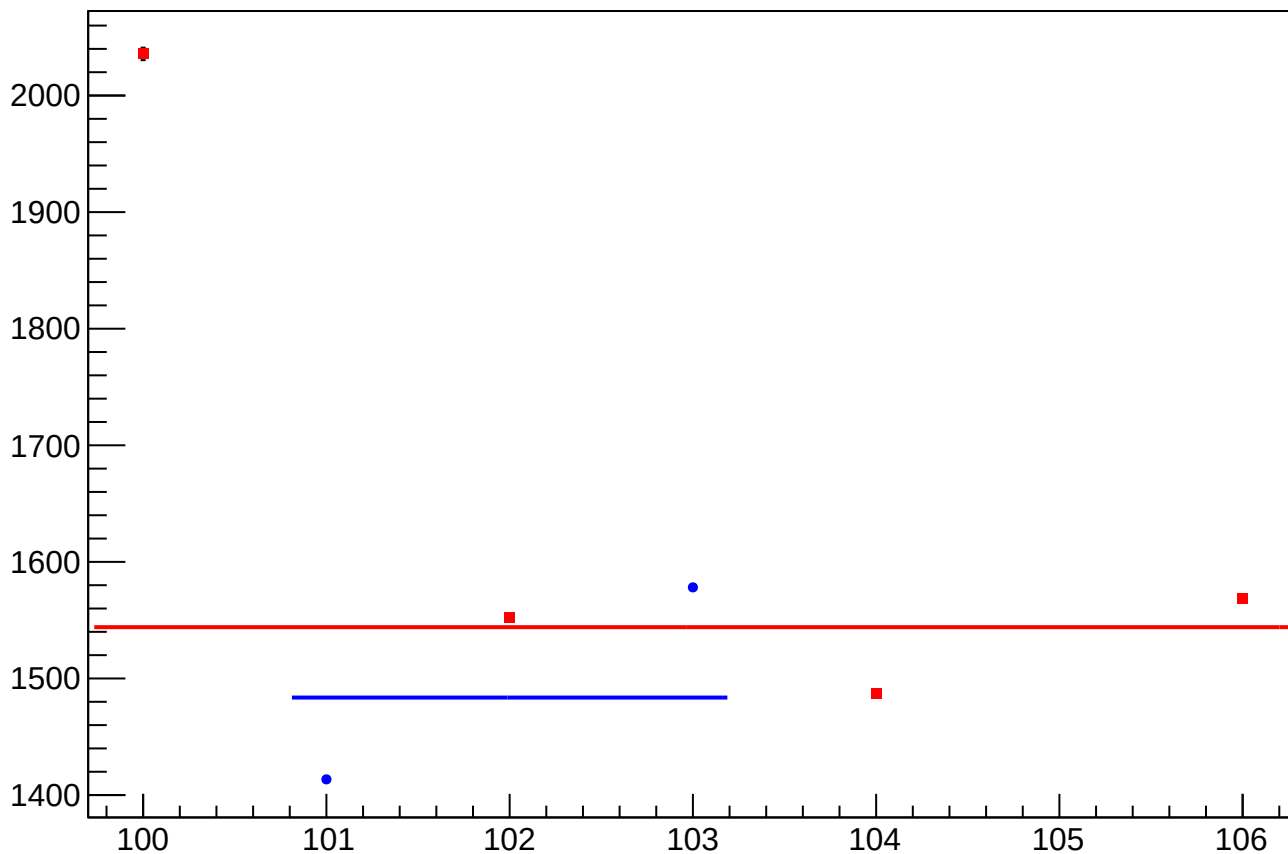
Right: -95.627+/-915.073 χ^2/NDF : 8.2/5

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.627+/-915.073 χ^2/NDF : 8.2/5

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.010+/-0.895 χ^2/NDF : 10123.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

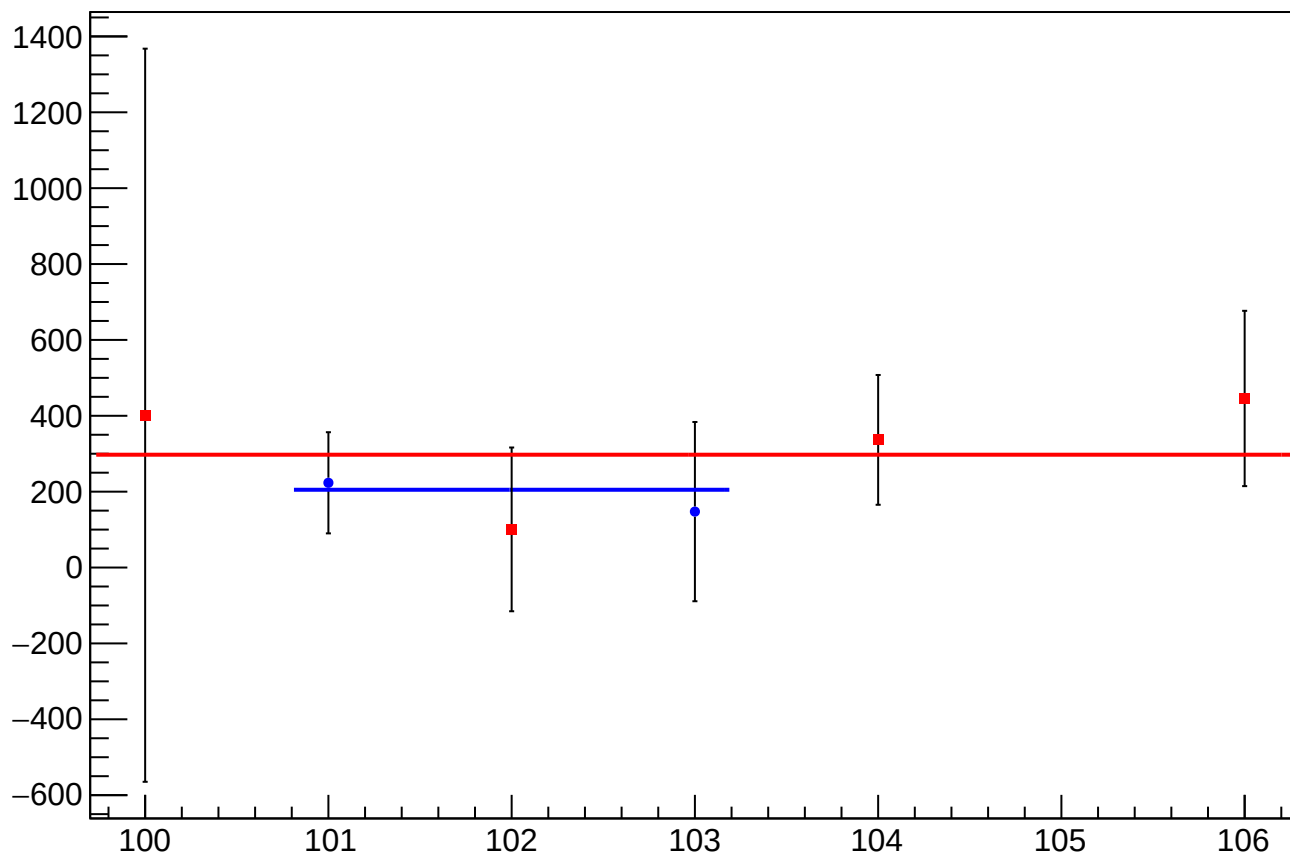
Right: 1515.182+/-0.647 χ^2/NDF : 19856.7/5

In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.182+/-0.647 χ^2/NDF : 19856.7/5

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 297.394 $\pm$ 115.128 χ^2 /NDF: 1.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

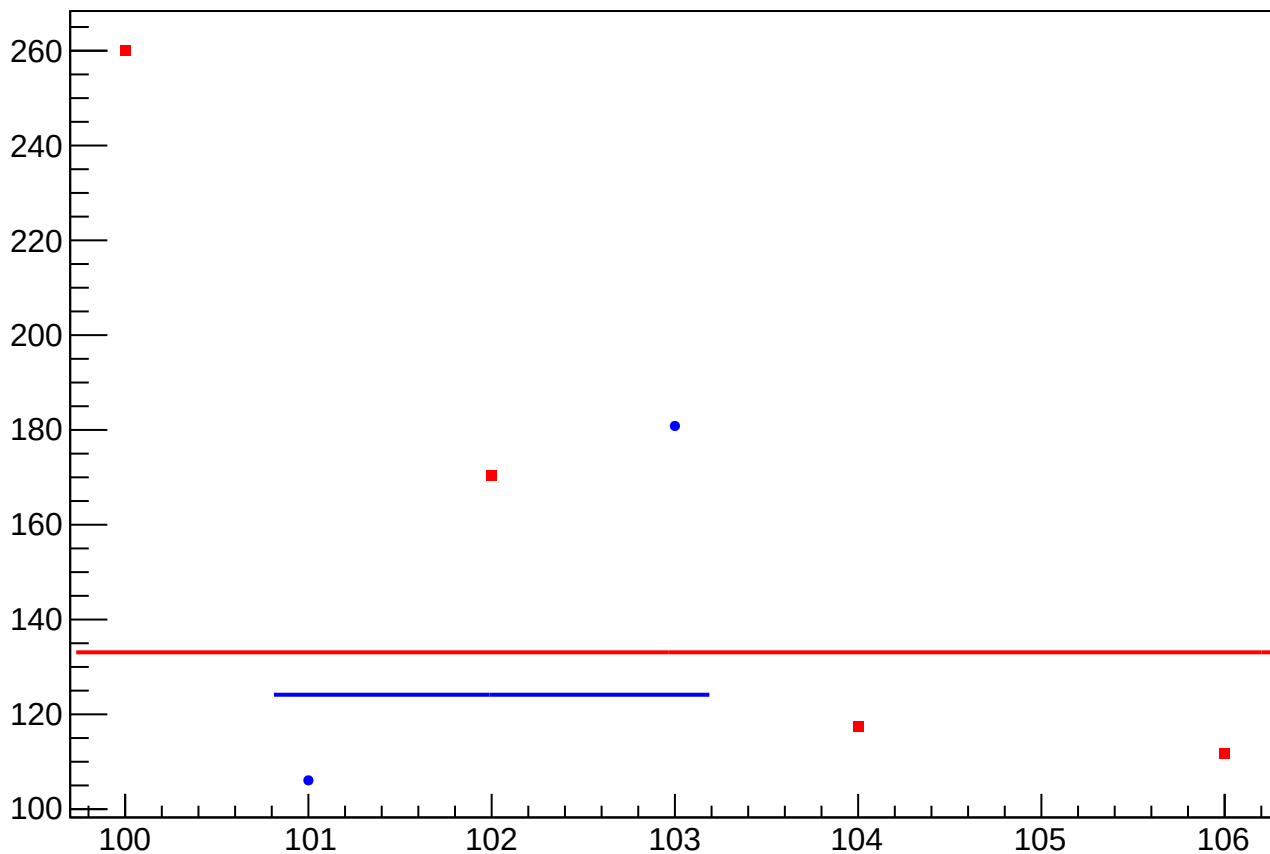
Right: 251.603 $\pm$ 81.756 χ^2 /NDF: 1.7/5

In: 205.020 $\pm$ 116.120 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 251.603 $\pm$ 81.756 χ^2 /NDF: 1.7/5

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137 $\pm$ 0.082 χ^2 /NDF: 151906.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.085 $\pm$ 0.081 χ^2 /NDF: 128274.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

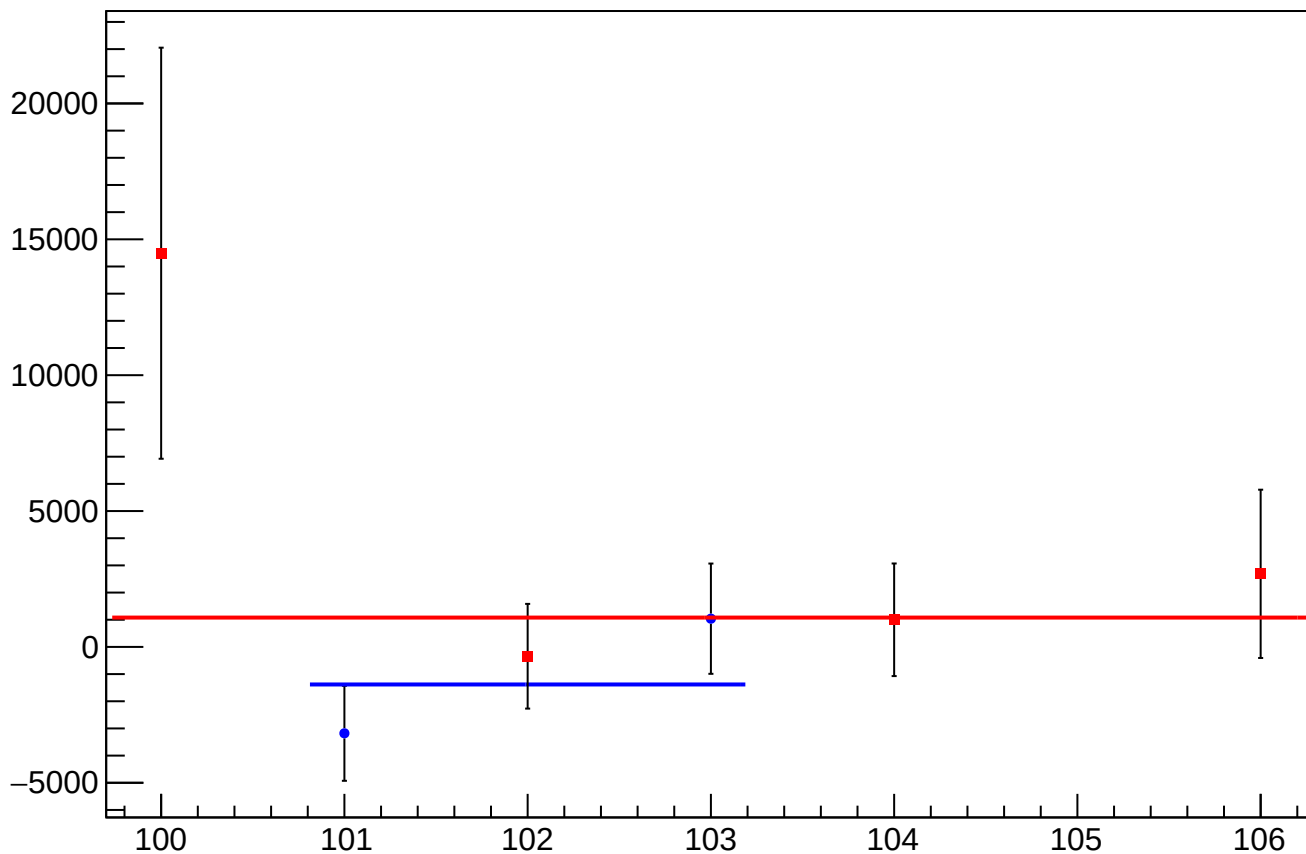
Right: 128.650 $\pm$ 0.058 χ^2 /NDF: 286169.3/5

In: 124.137 $\pm$ 0.082 χ^2 /NDF: 151906.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.650 $\pm$ 0.058 χ^2 /NDF: 286169.3/5

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.715+/-1265.858 χ^2/NDF : 4.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

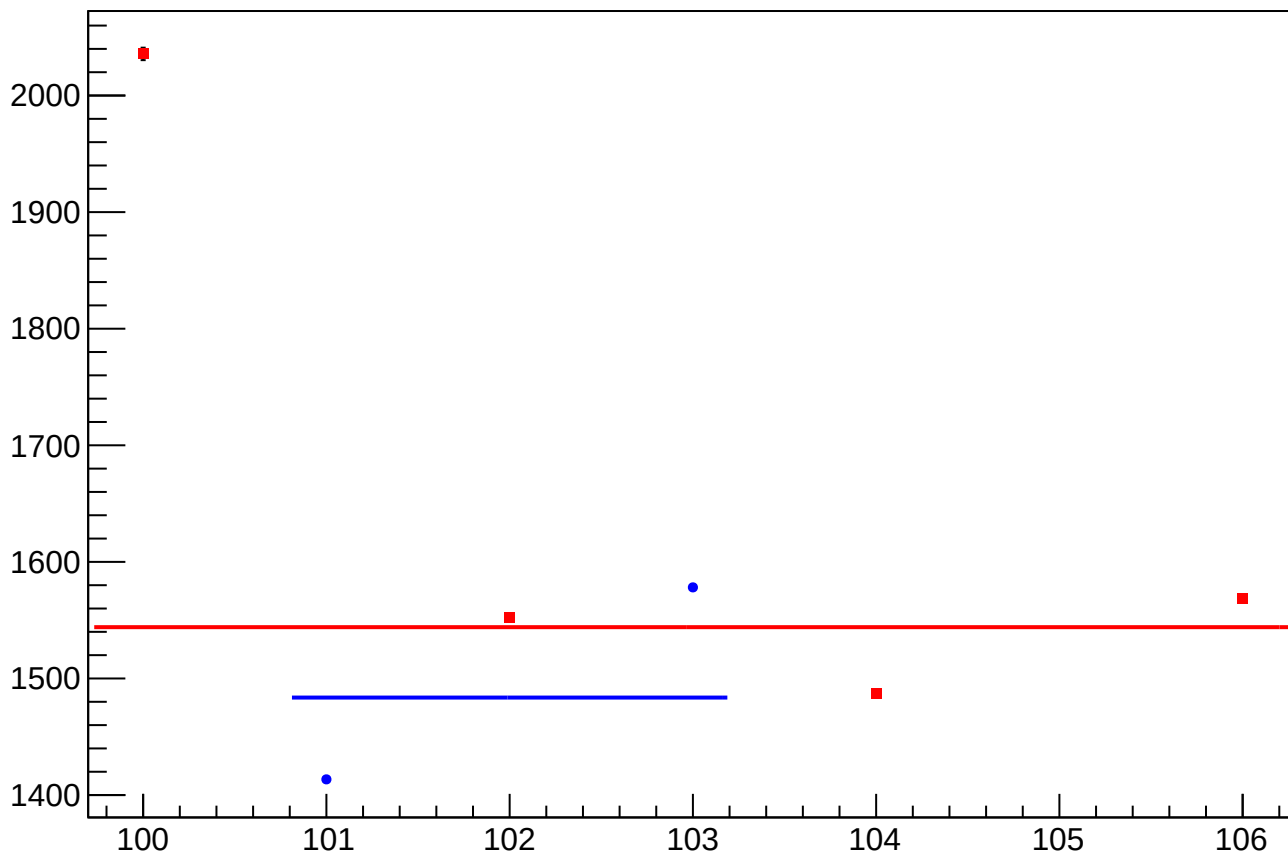
Right: -95.627+/-915.073 χ^2/NDF : 8.2/5

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.627+/-915.073 χ^2/NDF : 8.2/5

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.010+/-0.895 χ^2/NDF : 10123.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

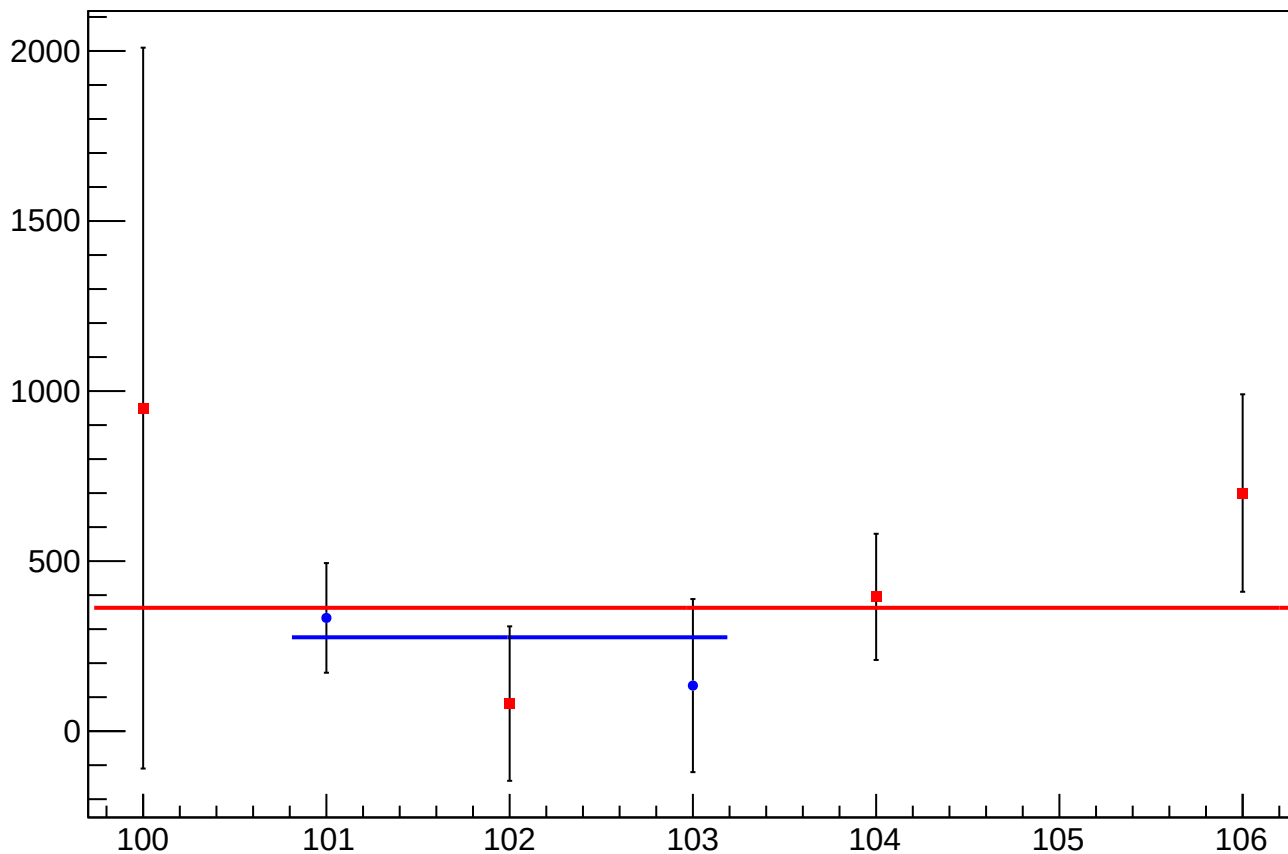
Right: 1515.182+/-0.647 χ^2/NDF : 19856.7/5

In: 1483.628+/-0.936 χ^2/NDF : 7560.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1515.182+/-0.647 χ^2/NDF : 19856.7/5

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 276.034+/-136.186 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 362.705+/-127.822 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

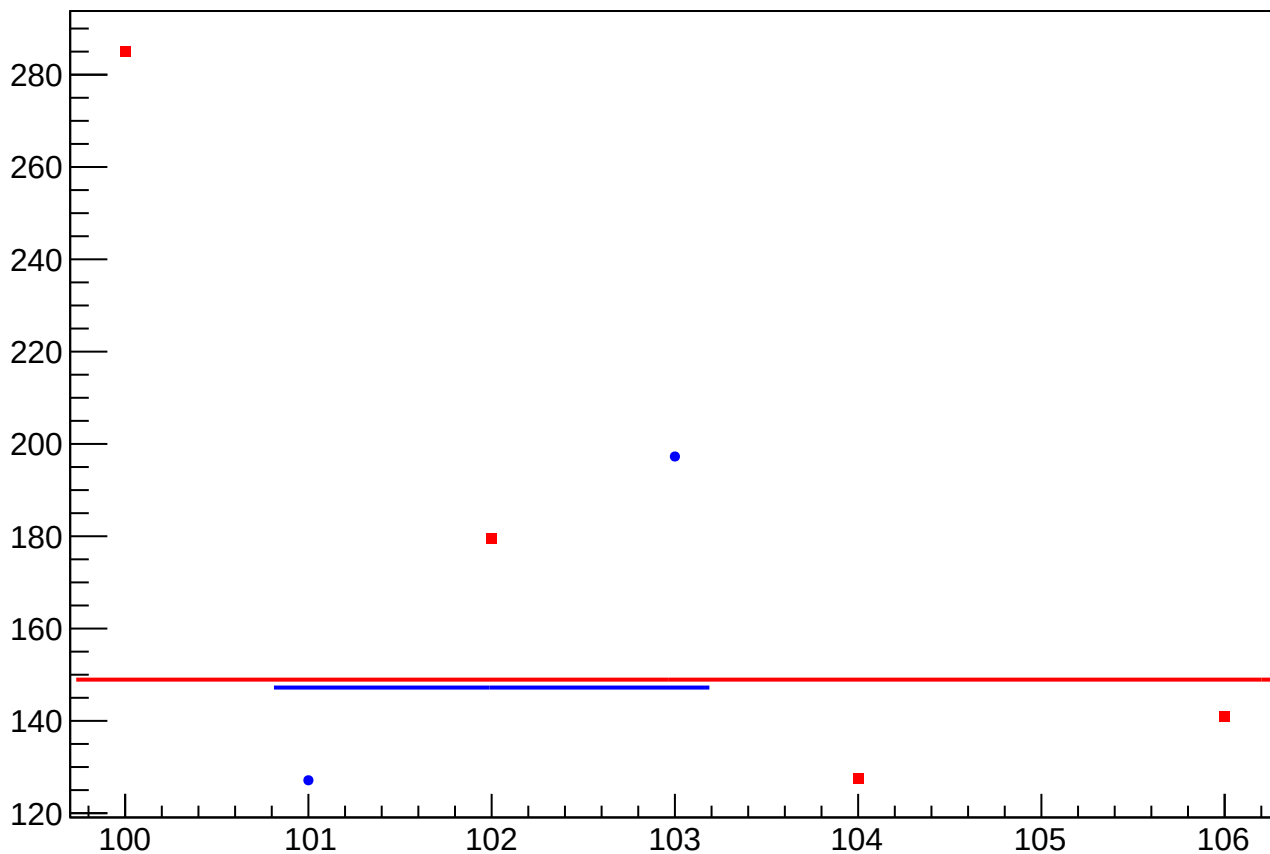
Right: 322.112+/-93.200 χ^2/NDF : 3.9/5

In: 276.034+/-136.186 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.112+/-93.200 χ^2/NDF : 3.9/5

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219 $\pm$ 0.096 χ^2 /NDF: 108447.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.936 $\pm$ 0.090 χ^2 /NDF: 97635.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

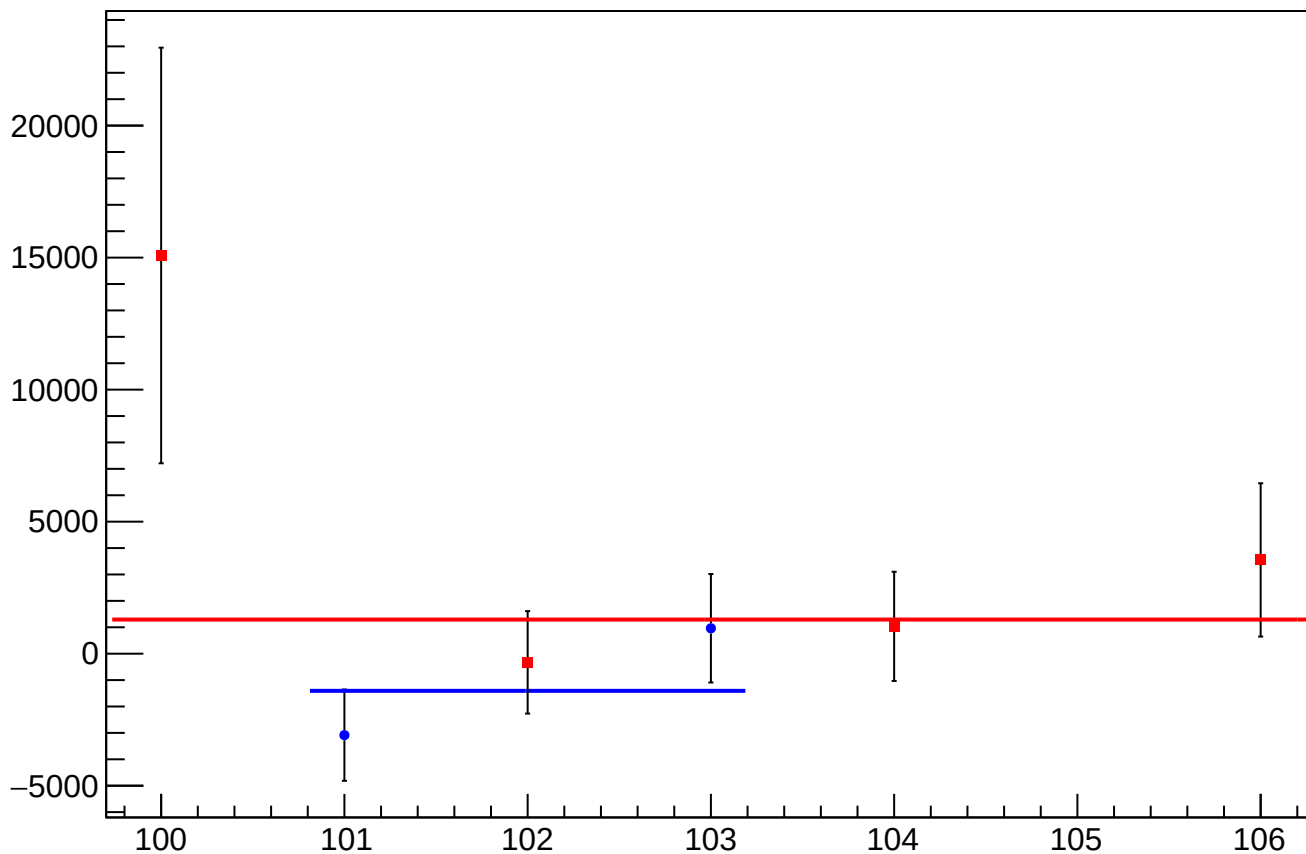
Right: 148.132 $\pm$ 0.066 χ^2 /NDF: 206252.0/5

In: 147.219 $\pm$ 0.096 χ^2 /NDF:108447.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.132 $\pm$ 0.066 χ^2 /NDF: 206252.0/5

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.515+/-1322.528 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.498+/-1255.627 χ^2/NDF : 4.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

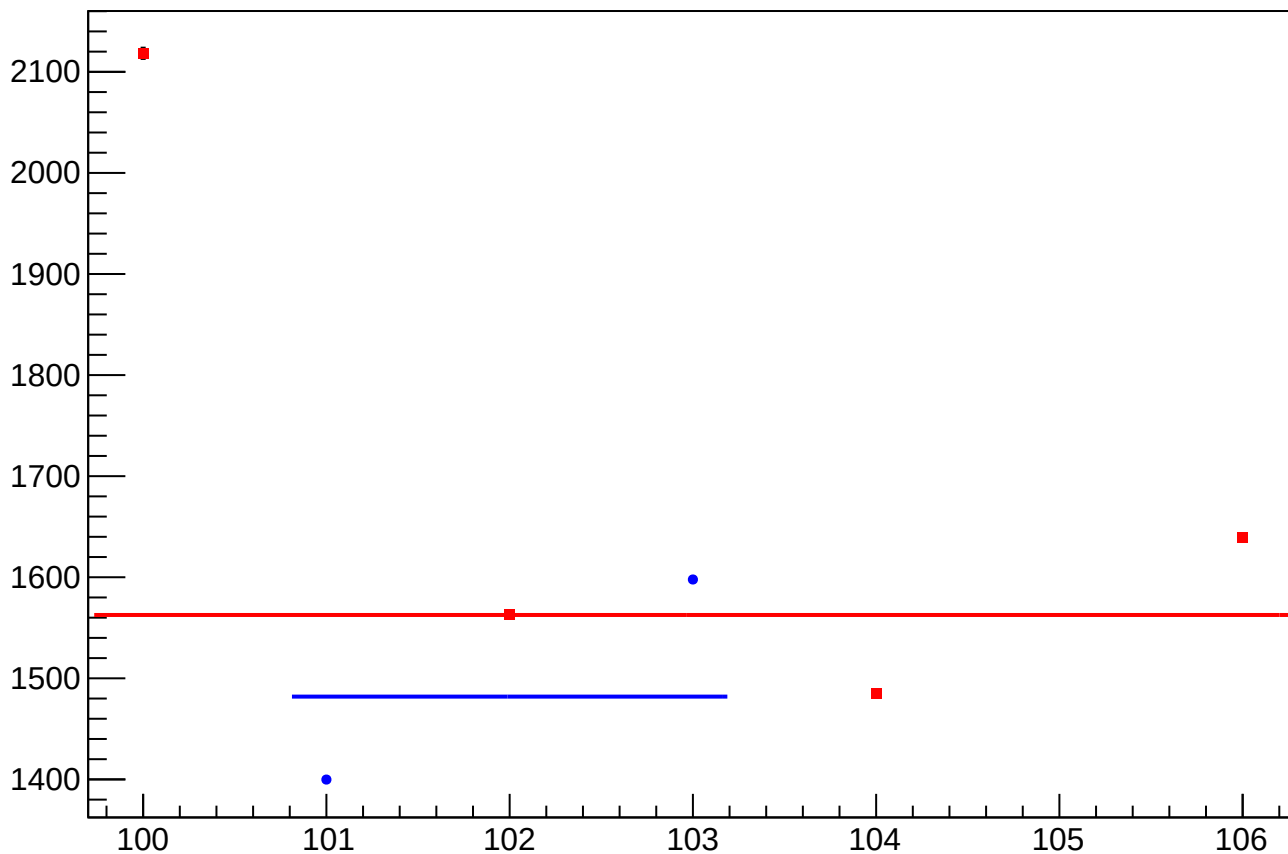
Right: 12.507+/-910.595 χ^2/NDF : 8.9/5

In: -1407.515+/-1322.528 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.507+/-910.595 χ^2/NDF : 8.9/5

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1481.912 $\pm$ 0.935 χ^2 /NDF: 10873.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1562.673 $\pm$ 0.888 χ^2 /NDF: 14188.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

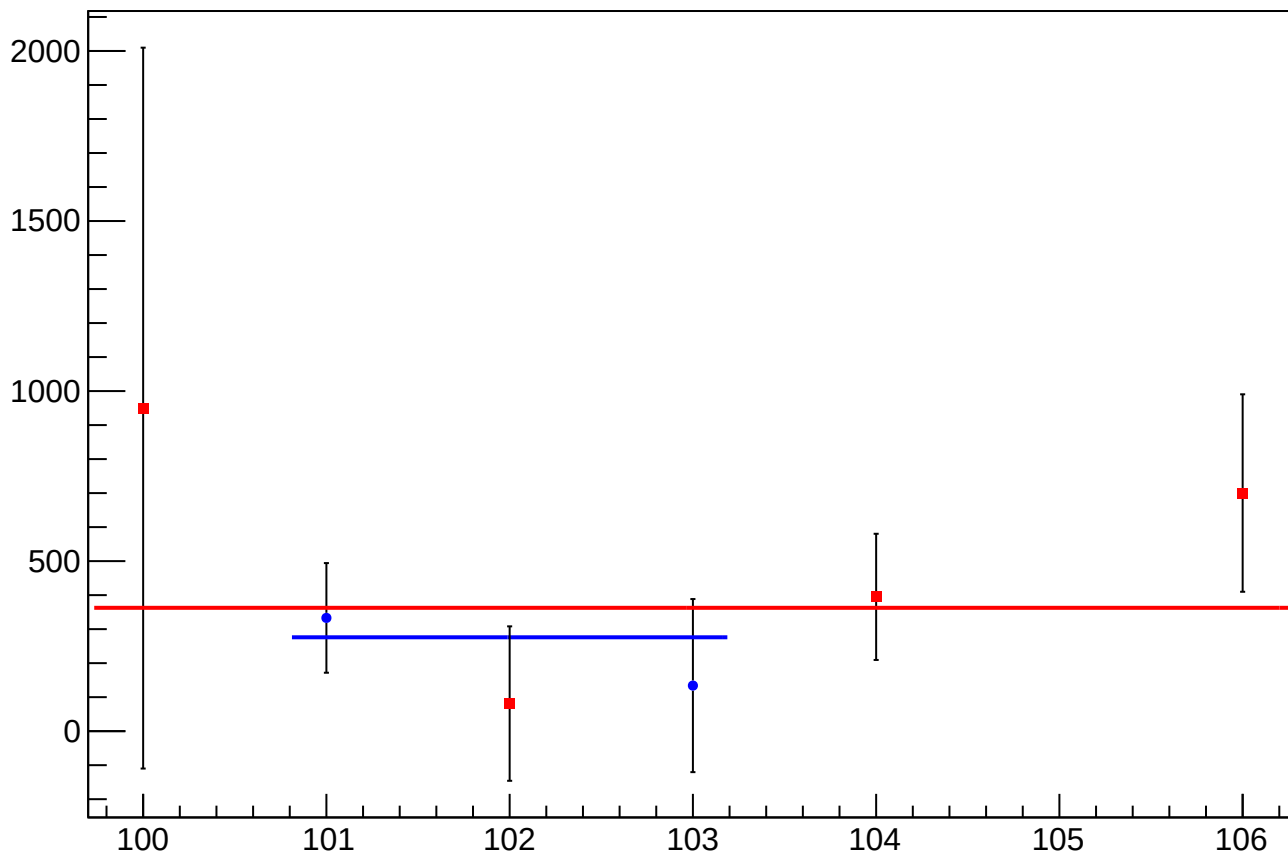
Right: 1524.387 $\pm$ 0.644 χ^2 /NDF: 28984.1/5

In: 1481.912 $\pm$ 0.935 χ^2 /NDF:10873.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1524.387 $\pm$ 0.644 χ^2 /NDF: 28984.1/5

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 276.032 $\pm$ 136.186 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 362.708 $\pm$ 127.822 χ^2 /NDF: 3.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

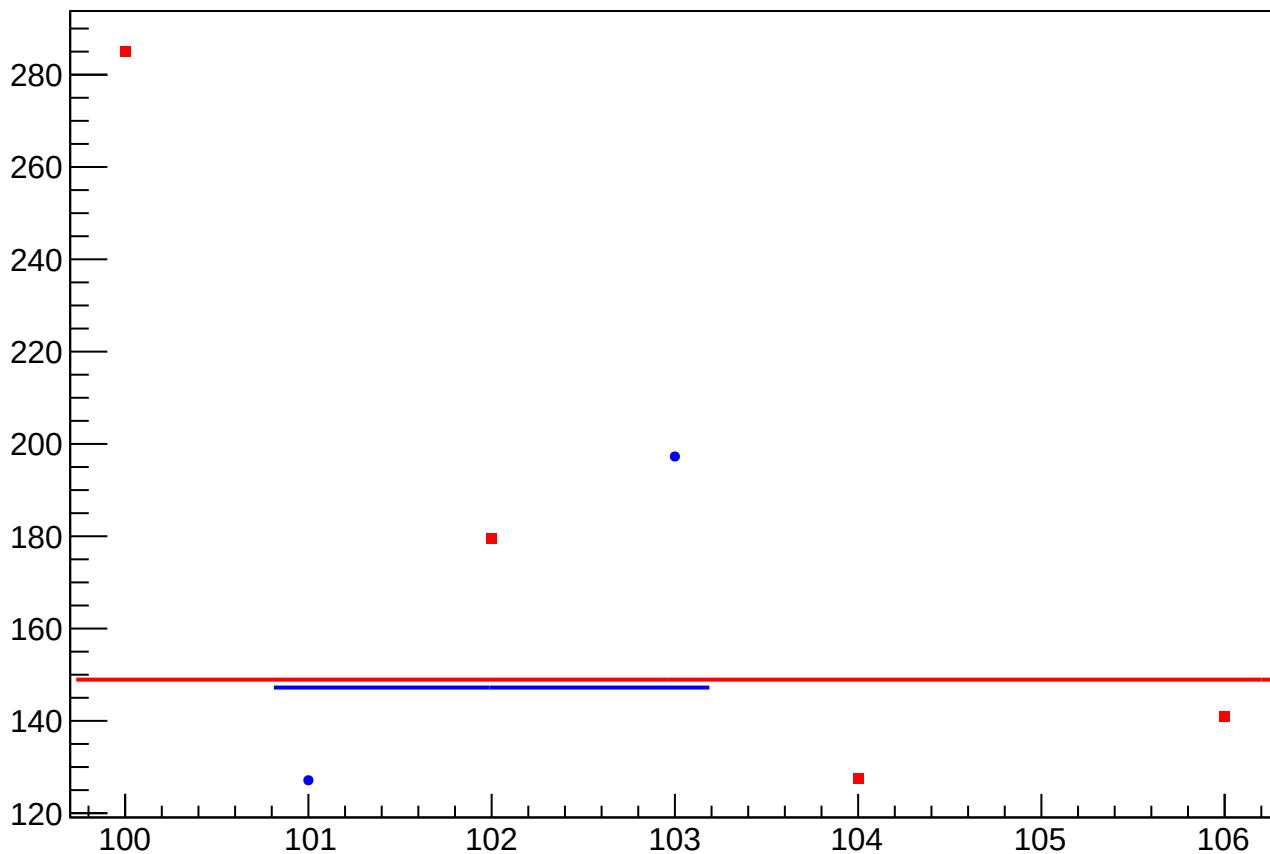
Right: 322.114 $\pm$ 93.200 χ^2 /NDF: 3.9/5

In: 276.032 $\pm$ 136.186 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.114 $\pm$ 93.200 χ^2 /NDF: 3.9/5

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219 $\pm$ 0.096 χ^2 /NDF: 108443.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.936 $\pm$ 0.090 χ^2 /NDF: 97635.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

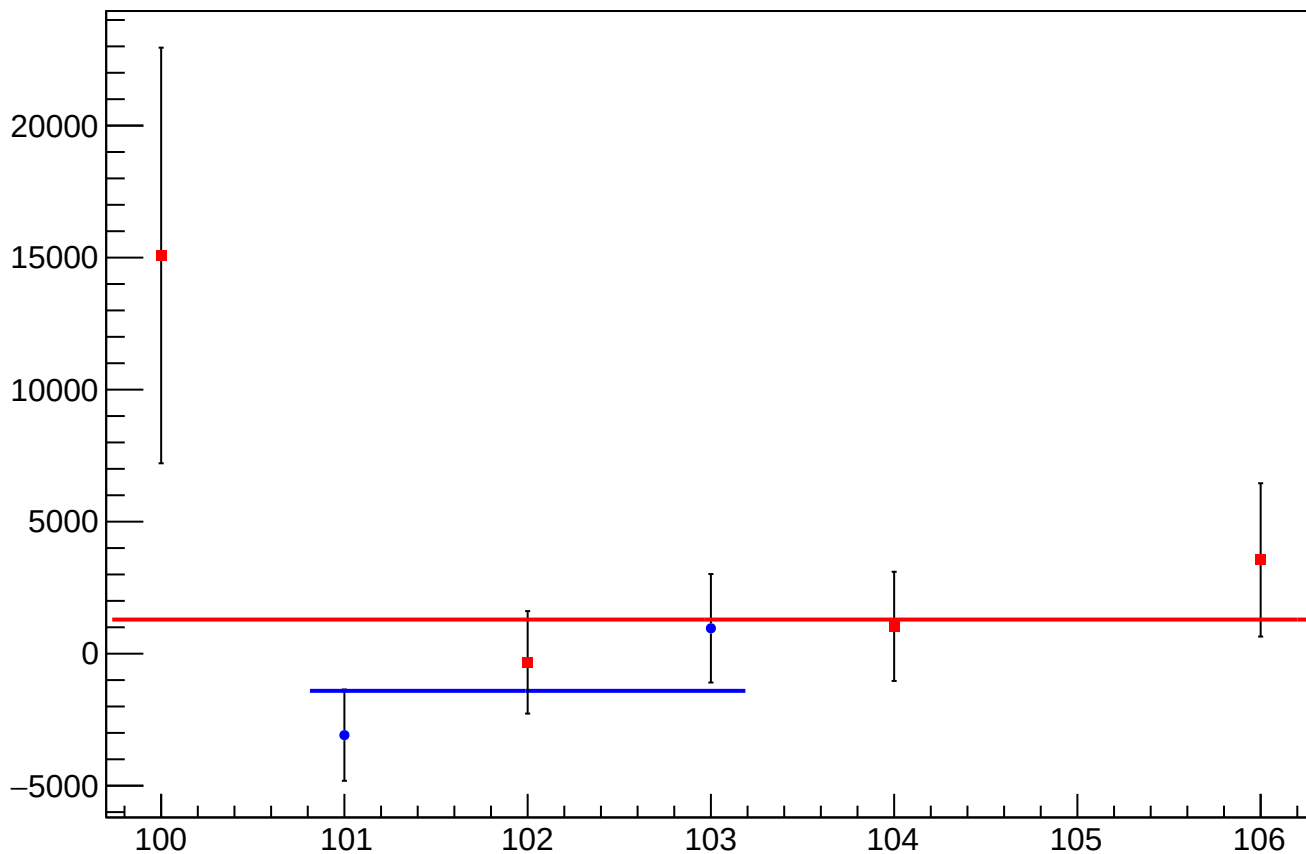
Right: 148.132 $\pm$ 0.066 χ^2 /NDF: 206247.7/5

In: 147.219 $\pm$ 0.096 χ^2 /NDF:108443.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 148.132 $\pm$ 0.066 χ^2 /NDF: 206247.7/5

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.514 $\pm$ 1322.526 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1292.496 $\pm$ 1255.625 χ^2 /NDF: 4.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

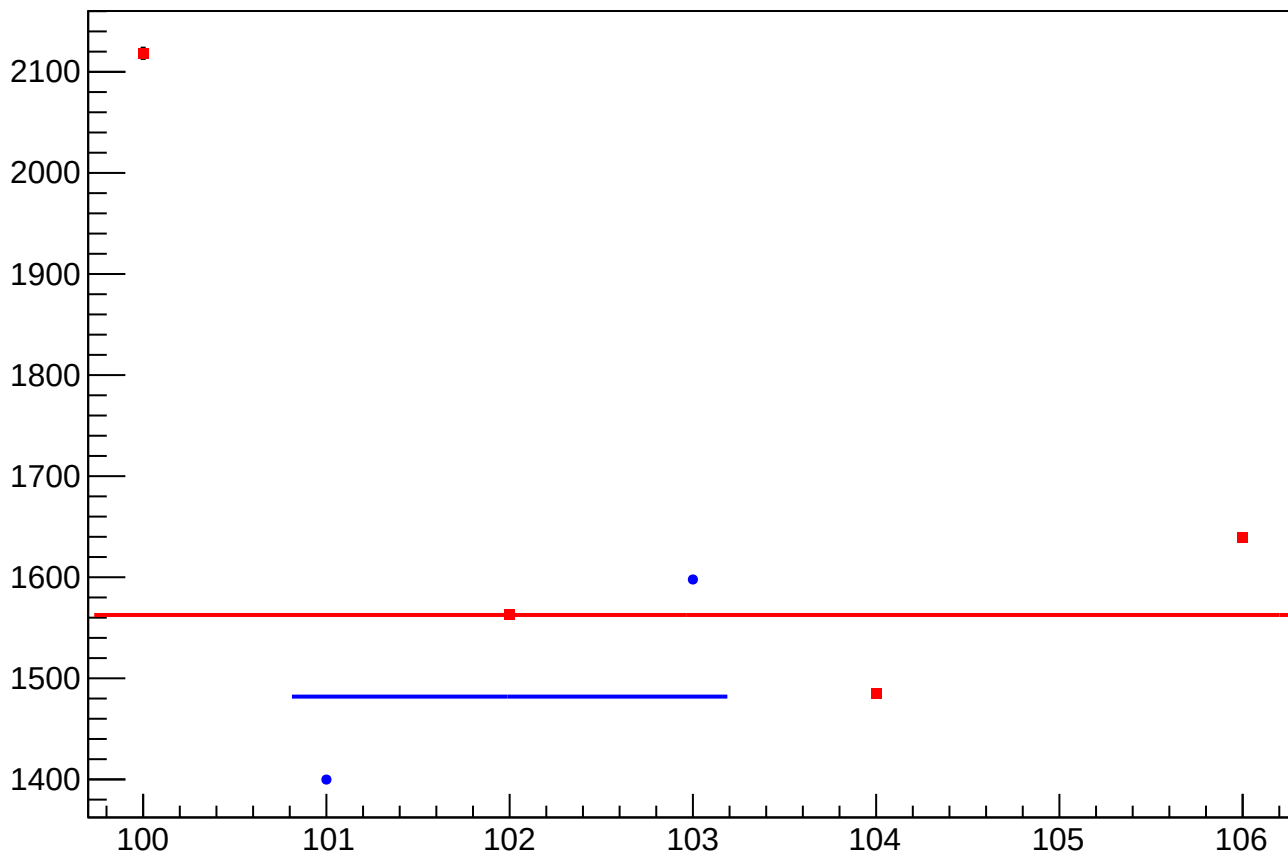
Right: 12.507 $\pm$ 910.594 χ^2 /NDF: 8.9/5

In: -1407.514 $\pm$ 1322.526 χ^2 /NDF: 2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.507 $\pm$ 910.594 χ^2 /NDF: 8.9/5

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1481.910+/-0.935 χ^2/NDF : 10873.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1562.670+/-0.888 χ^2/NDF : 14188.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

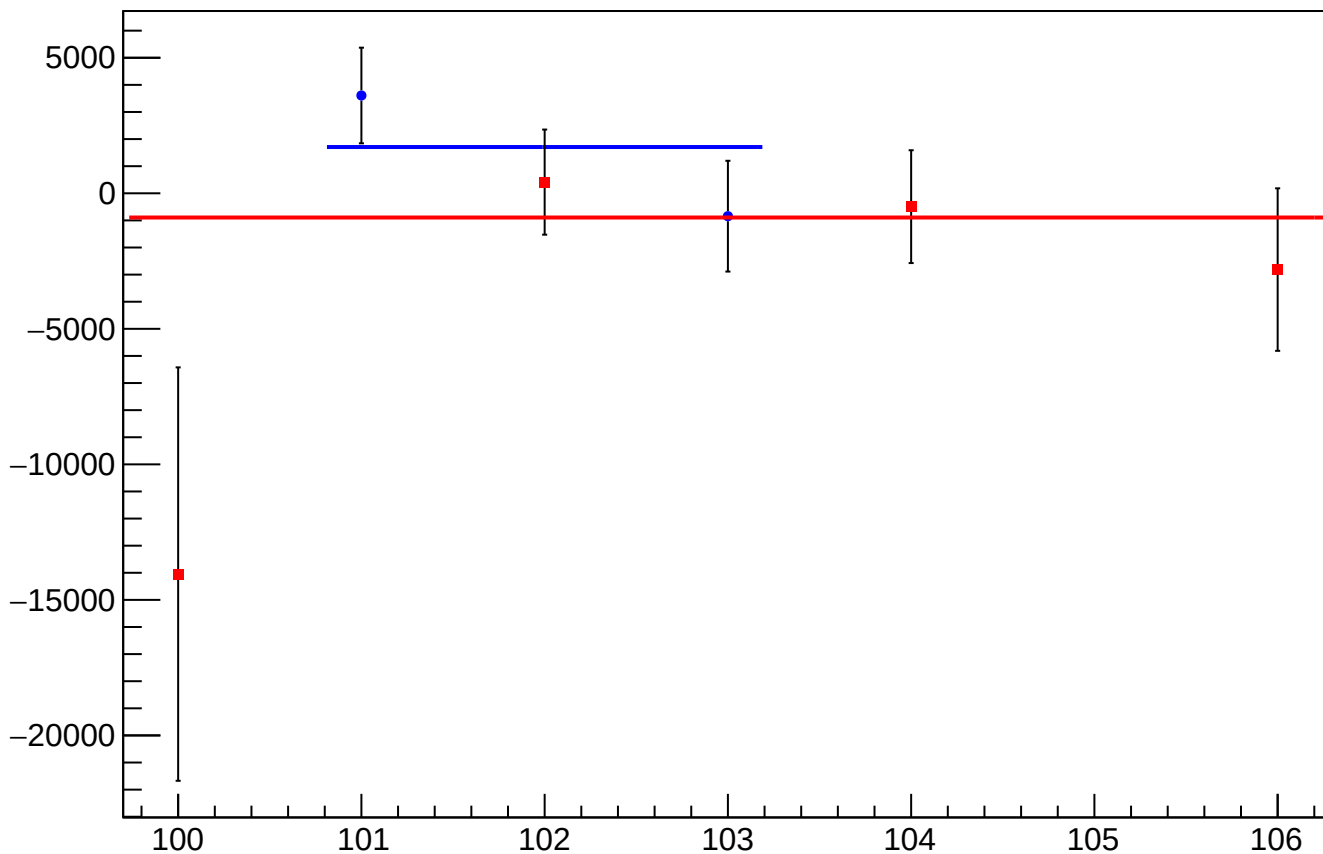
Right: 1524.384+/-0.644 χ^2/NDF : 28984.0/5

In: 1481.910+/-0.935 χ^2/NDF : 10873.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.384+/-0.644 χ^2/NDF : 28984.0/5

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 1706.895+/-1335.346 χ^2/NDF : 2.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -893.441+/-1264.478 χ^2/NDF : 3.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

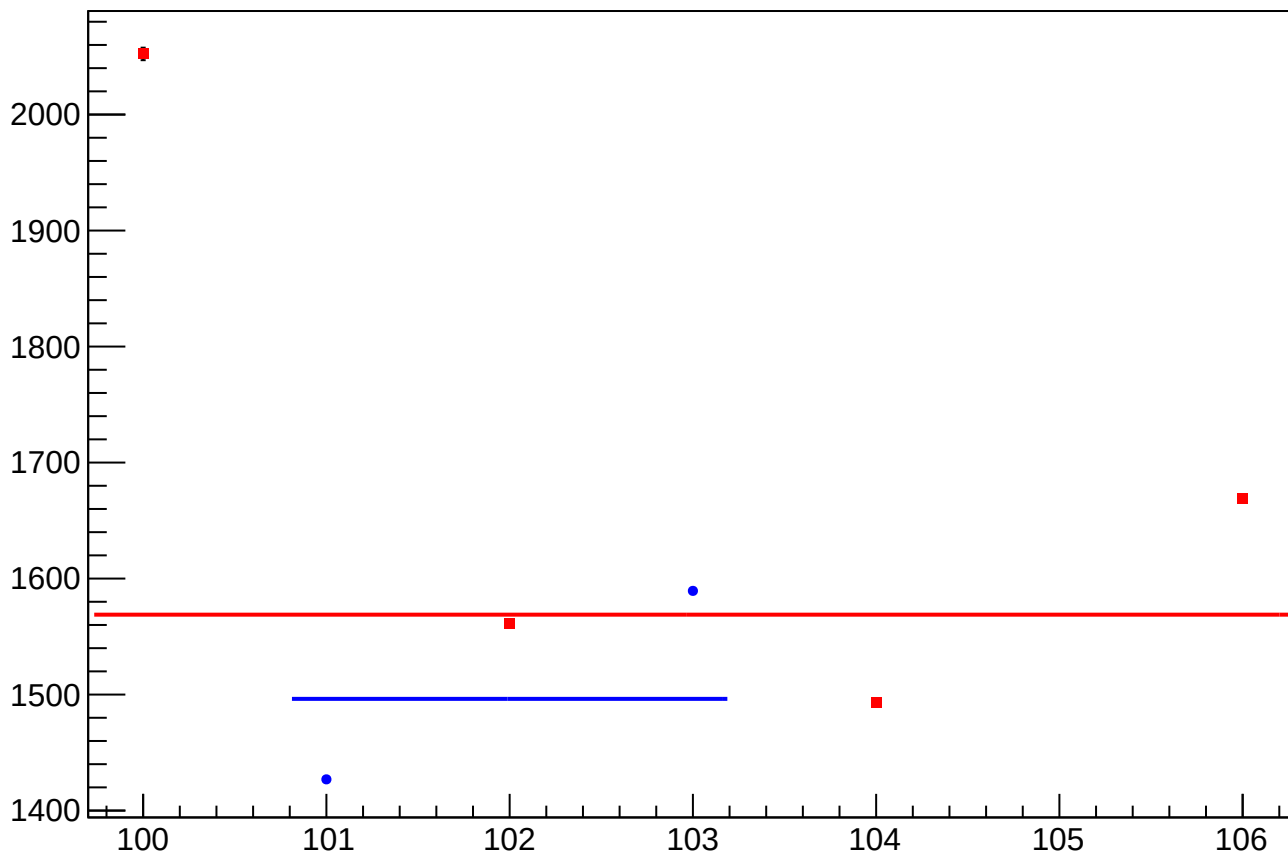
Right: 335.898+/-918.153 χ^2/NDF : 8.6/5

In: 1706.895+/-1335.346 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 335.898+/-918.153 χ^2/NDF : 8.6/5

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1496.300+/-0.944 χ^2/NDF : 7244.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1568.883+/-0.894 χ^2/NDF : 12920.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

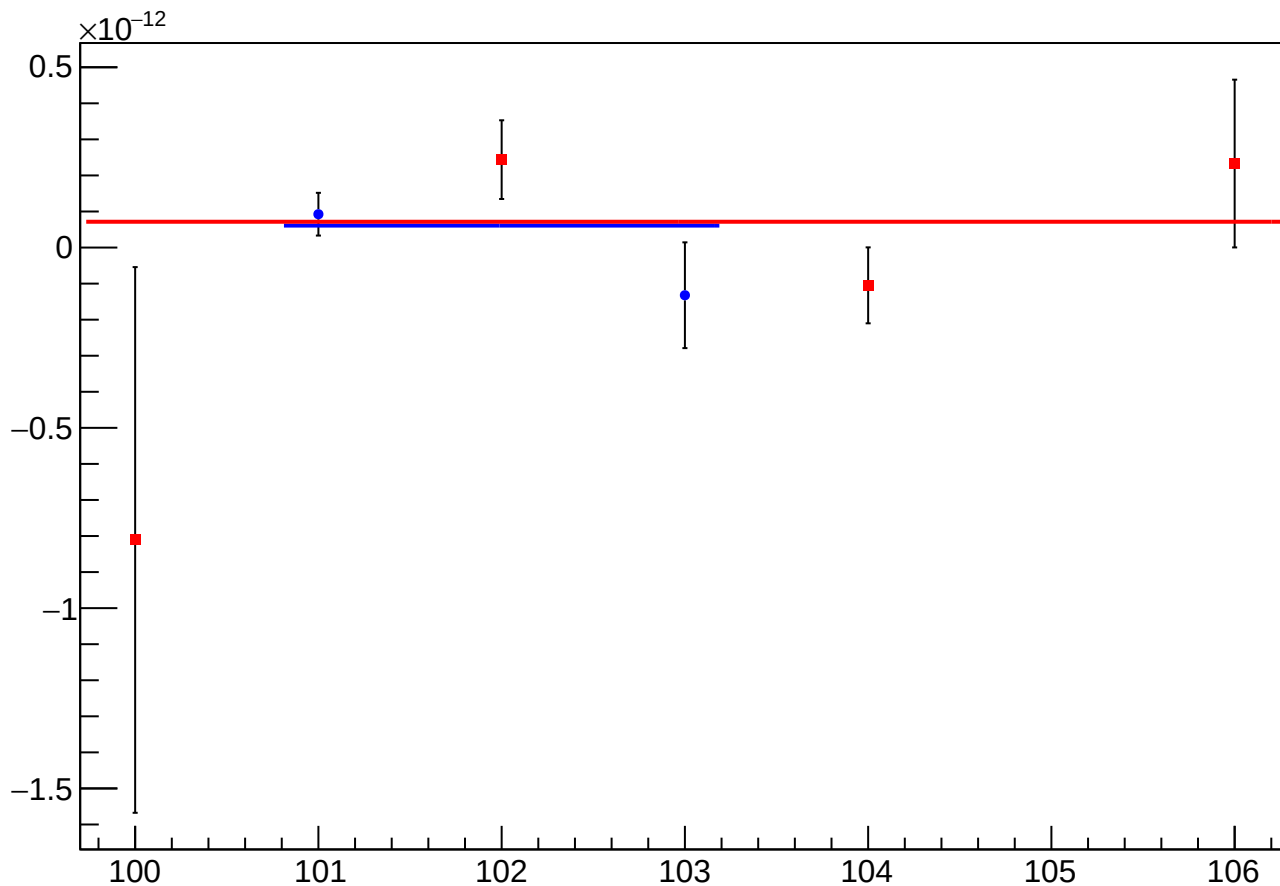
Right: 1534.568+/-0.649 χ^2/NDF : 23280.2/5

In: 1496.300+/-0.944 χ^2/NDF : 7244.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1534.568+/-0.649 χ^2/NDF : 23280.2/5

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

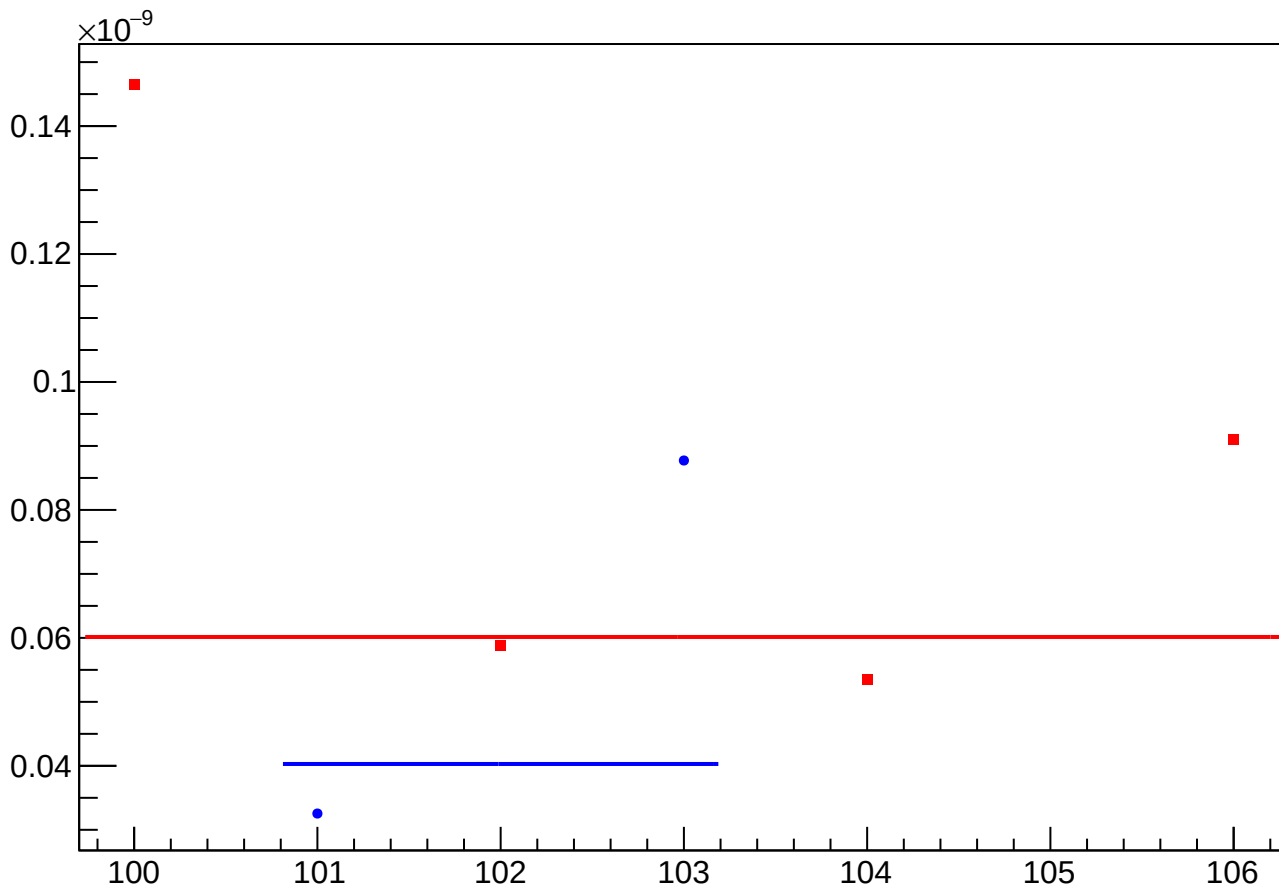
Right: 0.000+/-0.000 χ^2/NDF : 9.2/5

In: 0.000+/-0.000 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.2/5

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 243410.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 69634.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

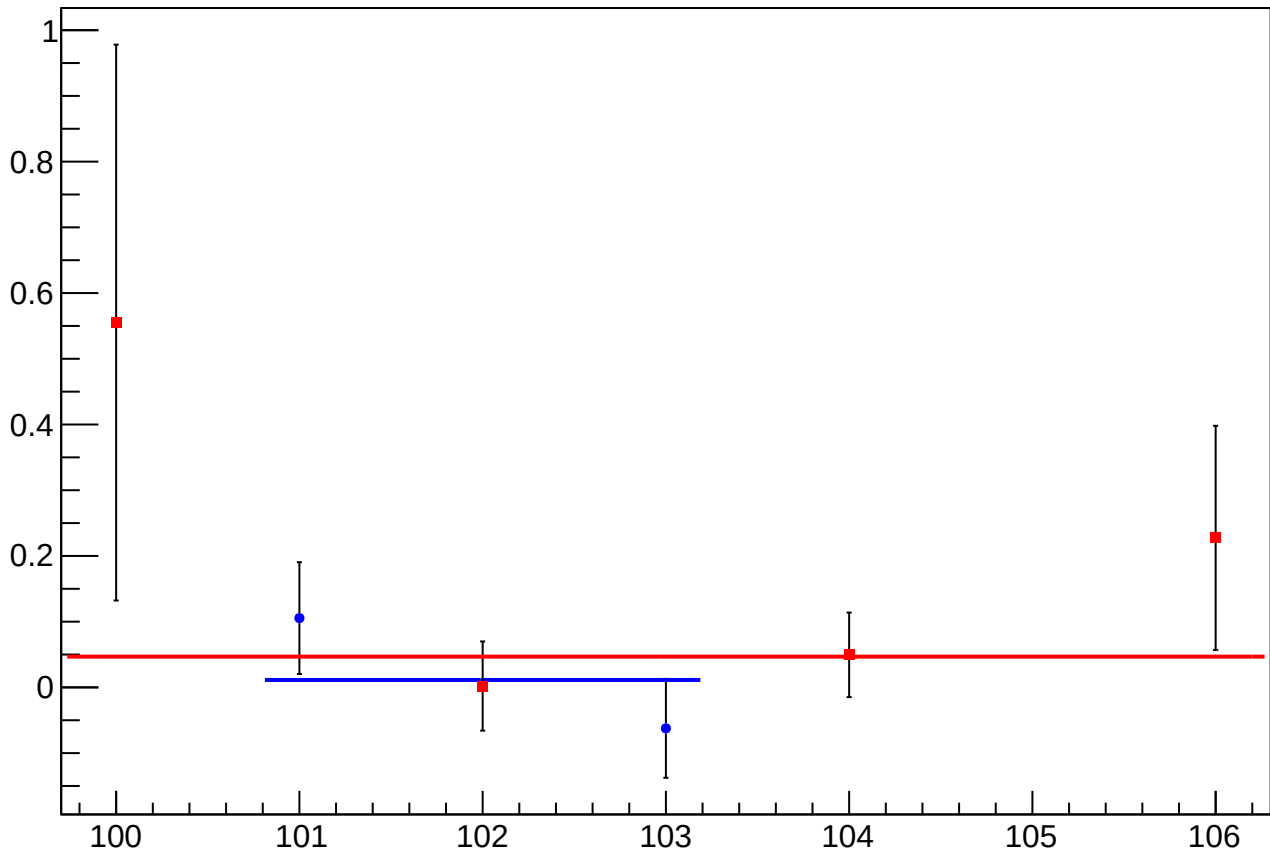
Right: 0.000+/-0.000 χ^2/NDF : 409580.5/5

In: 0.000+/-0.000 χ^2/NDF : 243410.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 409580.5/5

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.045 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

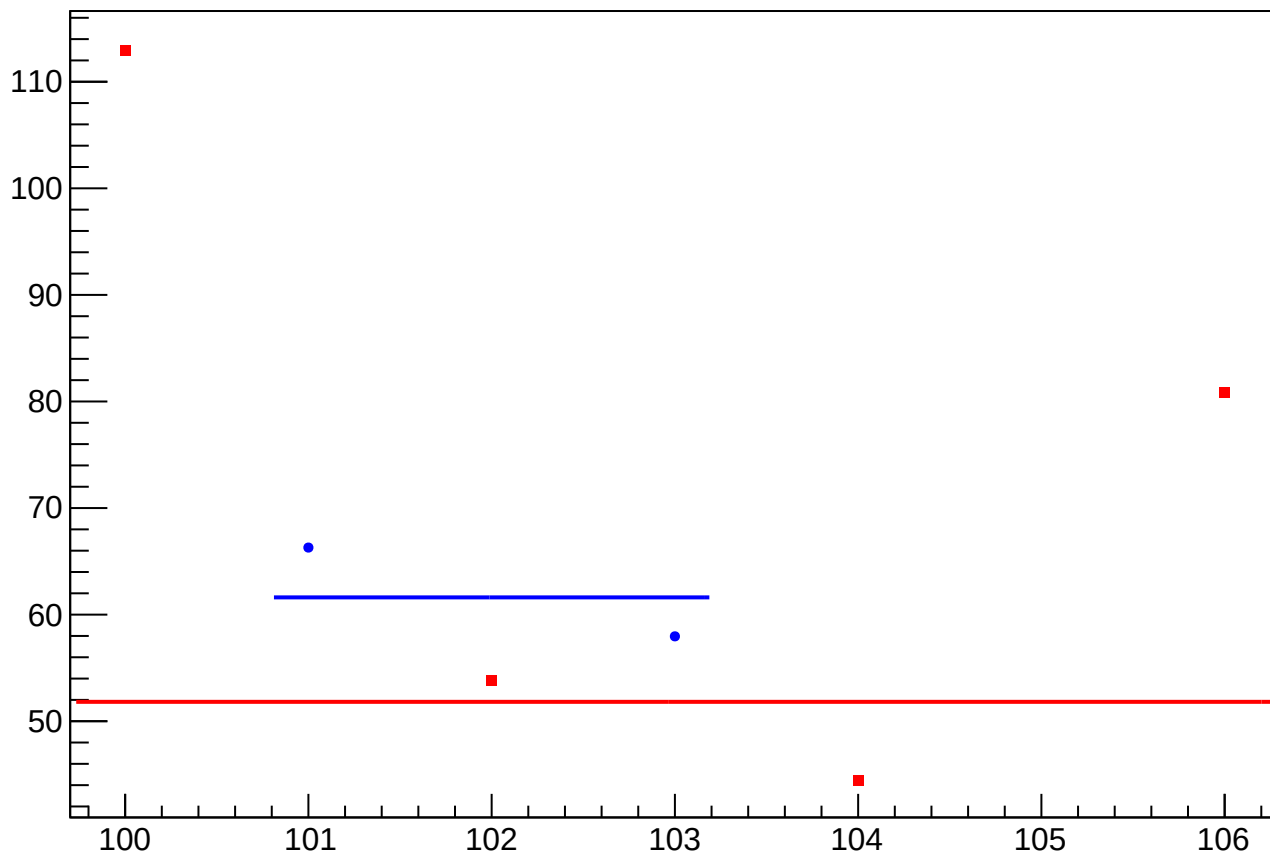
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.818+/-0.032 χ^2/NDF : 127643.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

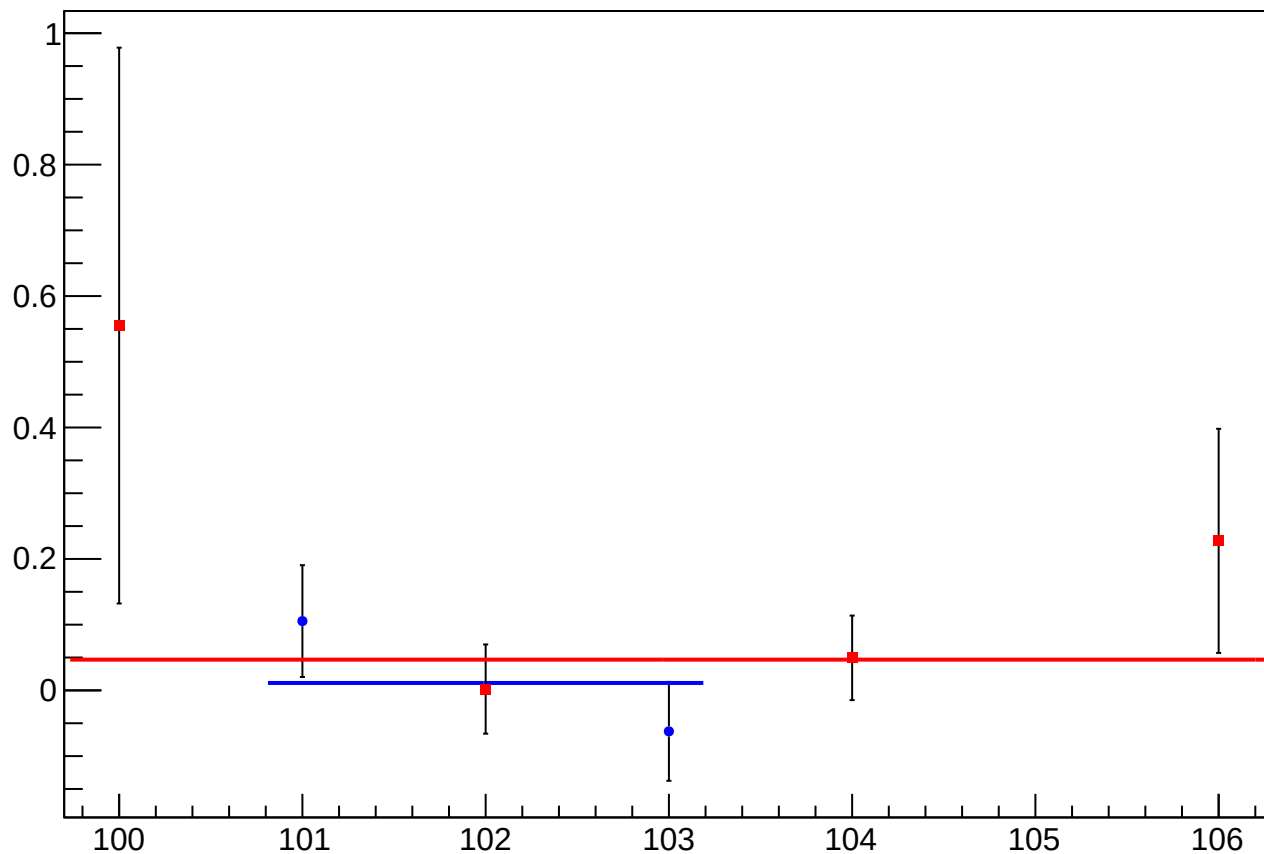
Right: 55.610+/-0.025 χ^2/NDF : 175479.9/5

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.610+/-0.025 χ^2/NDF : 175479.9/5

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.047 $\pm$ 0.045 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

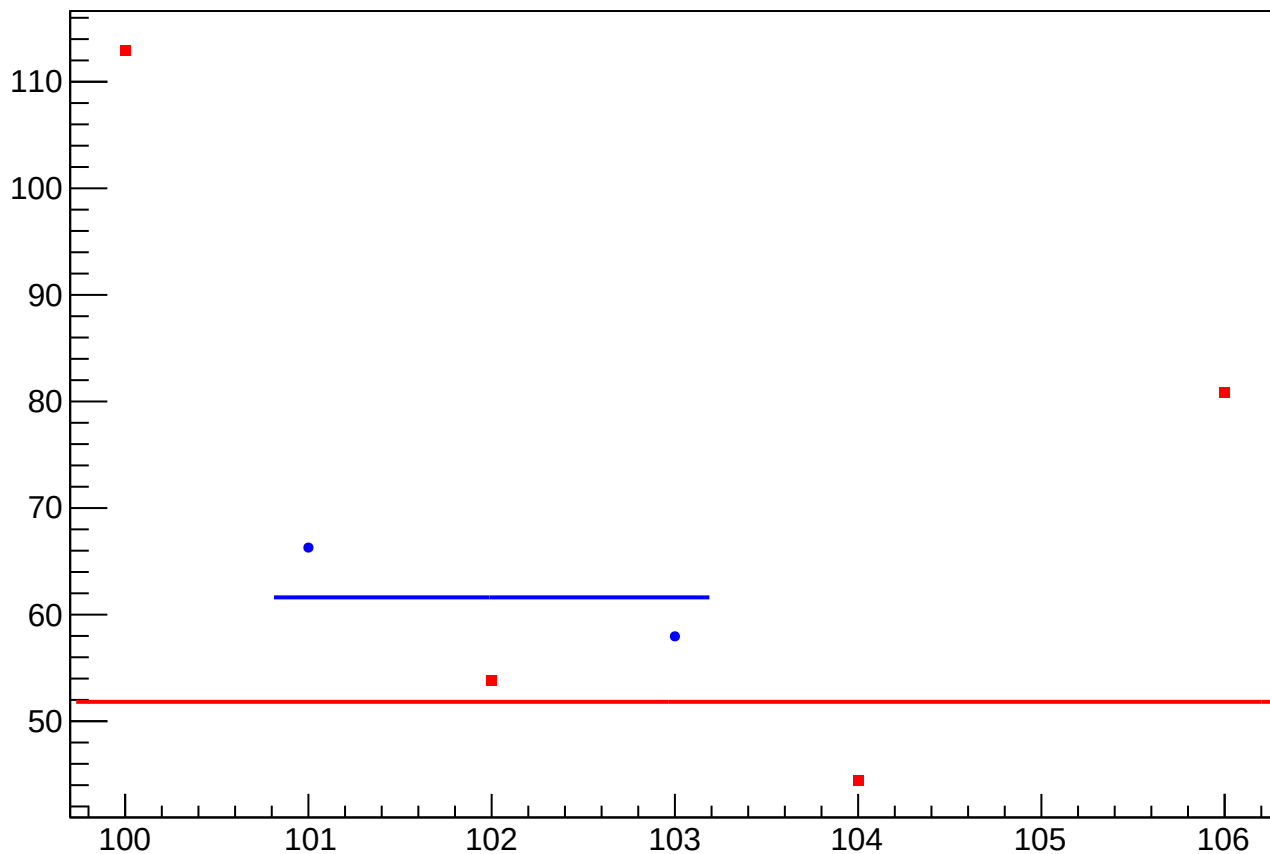
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

In: 0.011 $\pm$ 0.056 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.818+/-0.032 χ^2/NDF : 127643.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

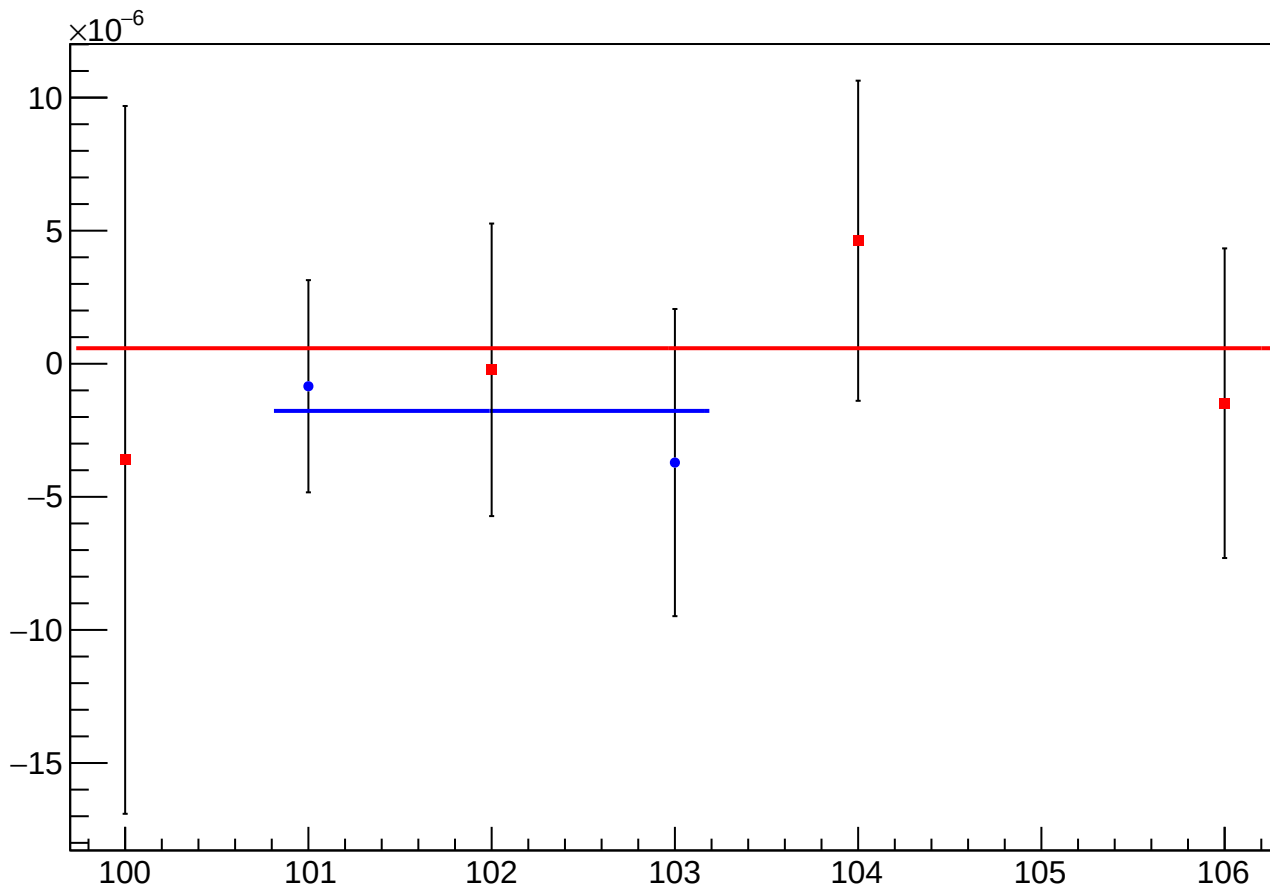
Right: 55.610+/-0.025 χ^2/NDF : 175479.9/5

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.610+/-0.025 χ^2/NDF : 175479.9/5

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

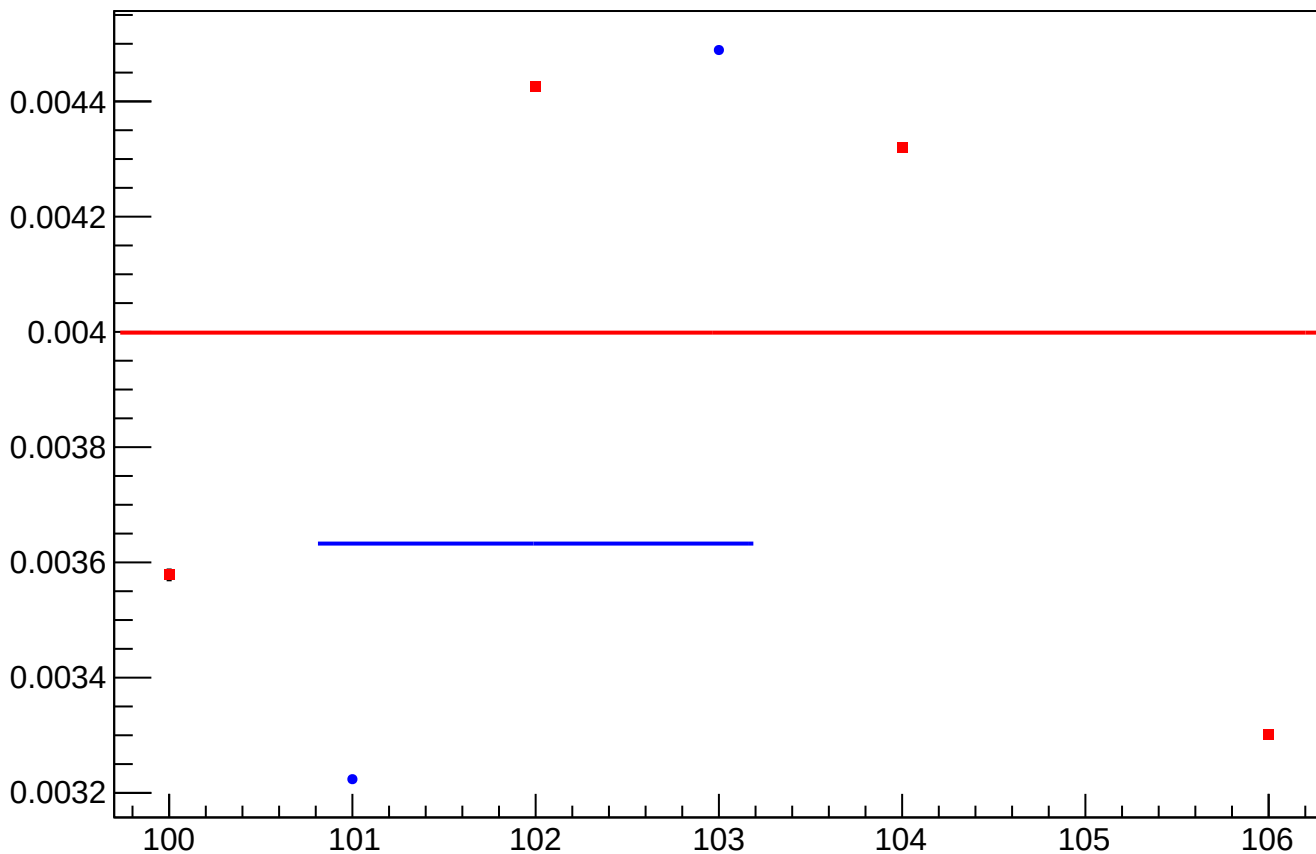
Right: -0.000+/-0.000 χ^2/NDF : 1.1/5

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.1/5

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 65100.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 48545.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

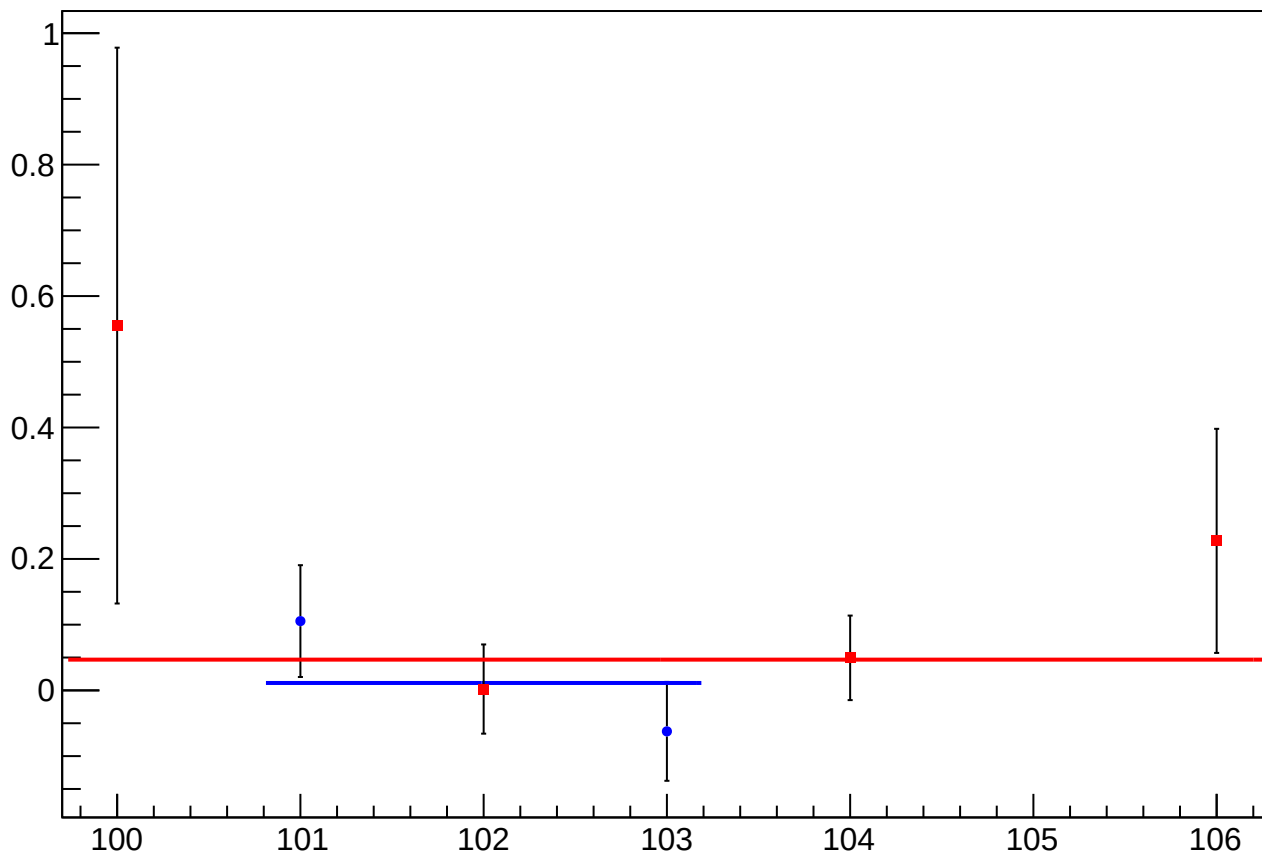
Right: 0.004 $\pm$ 0.000 χ^2 /NDF: 126301.6/5

In: 0.004 $\pm$ 0.000 χ^2 /NDF:65100.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 126301.6/5

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.045 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

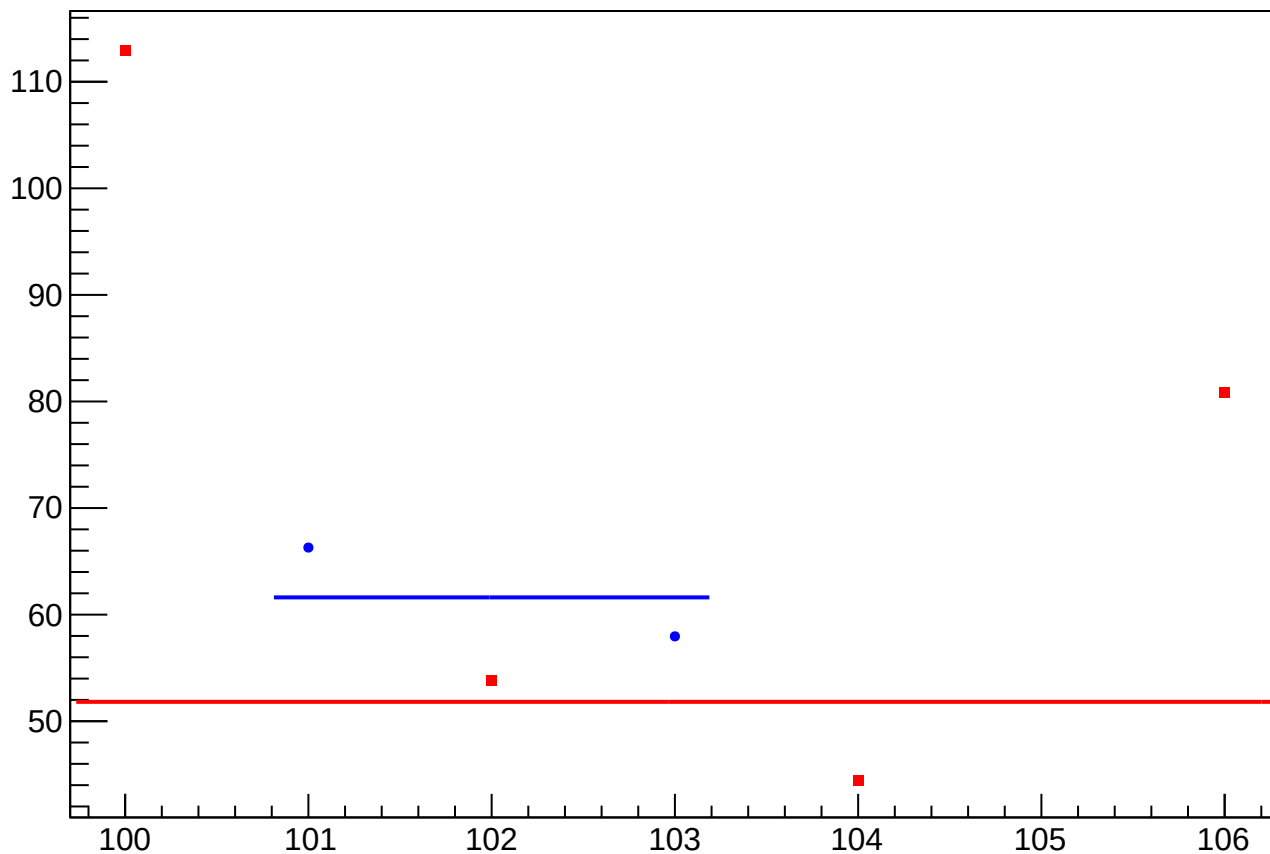
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.817+/-0.032 χ^2/NDF : 127635.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

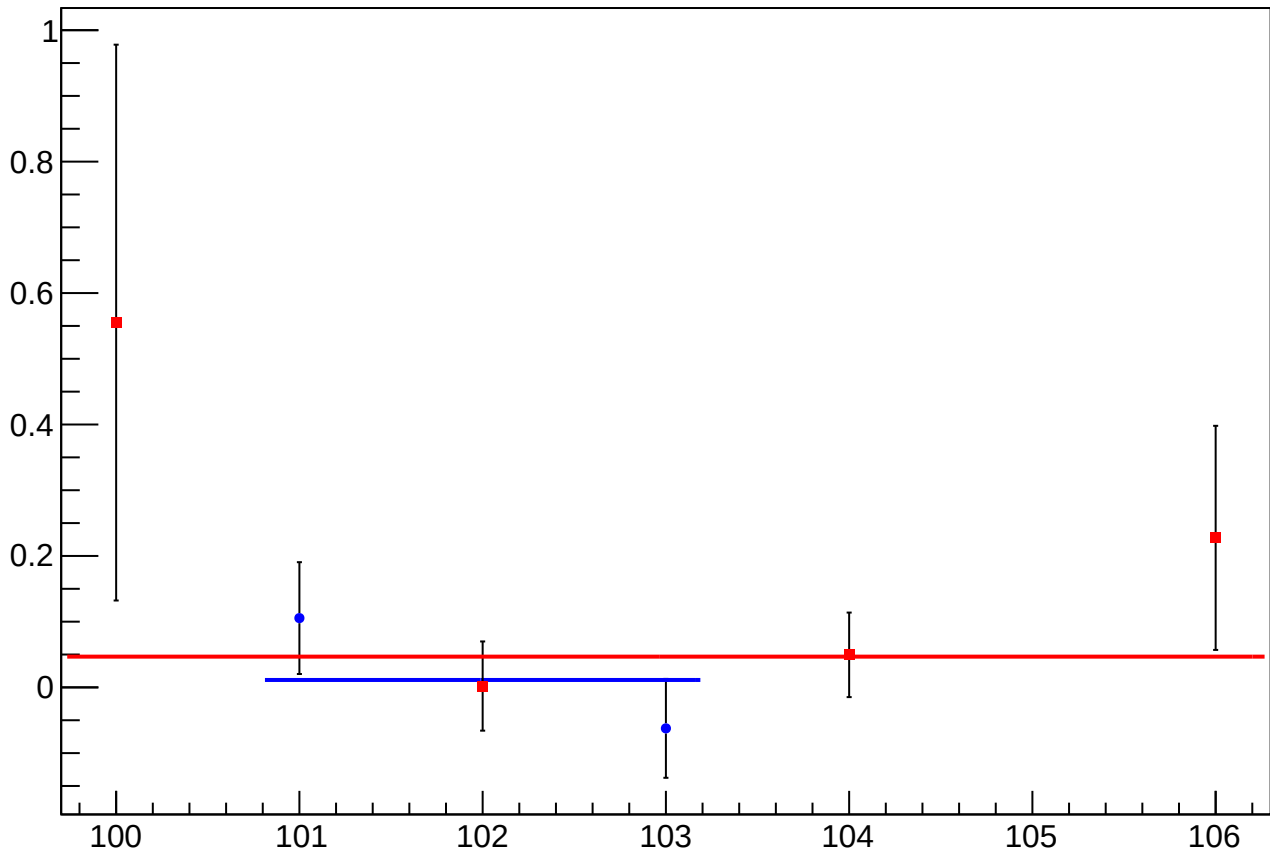
Right: 55.610+/-0.025 χ^2/NDF : 175479.4/5

In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.610+/-0.025 χ^2/NDF : 175479.4/5

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.045 χ^2 /NDF: 3.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

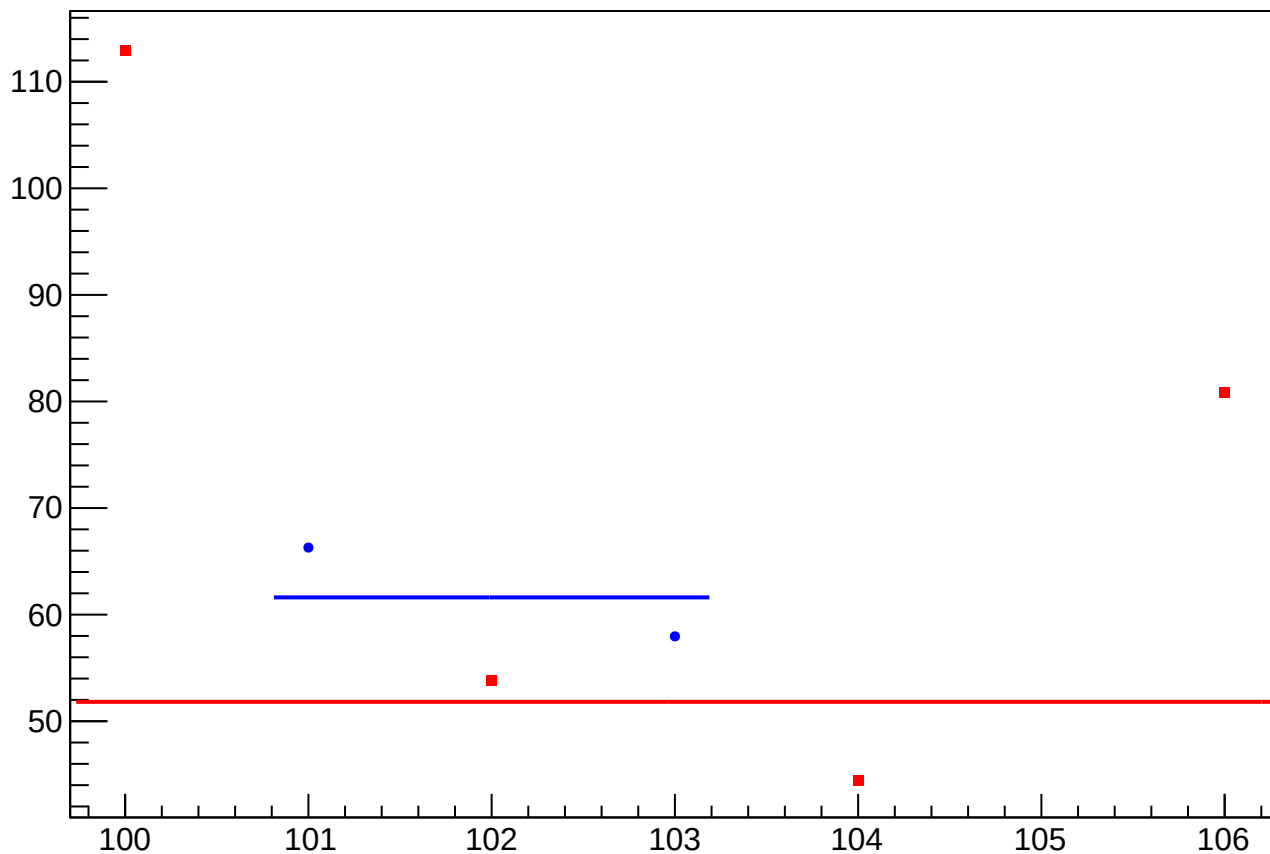
Right: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

In: 0.011 $\pm$ 0.056 χ^2 /NDF: 2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.035 χ^2 /NDF: 5.4/5

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.817+/-0.032 χ^2/NDF : 127635.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

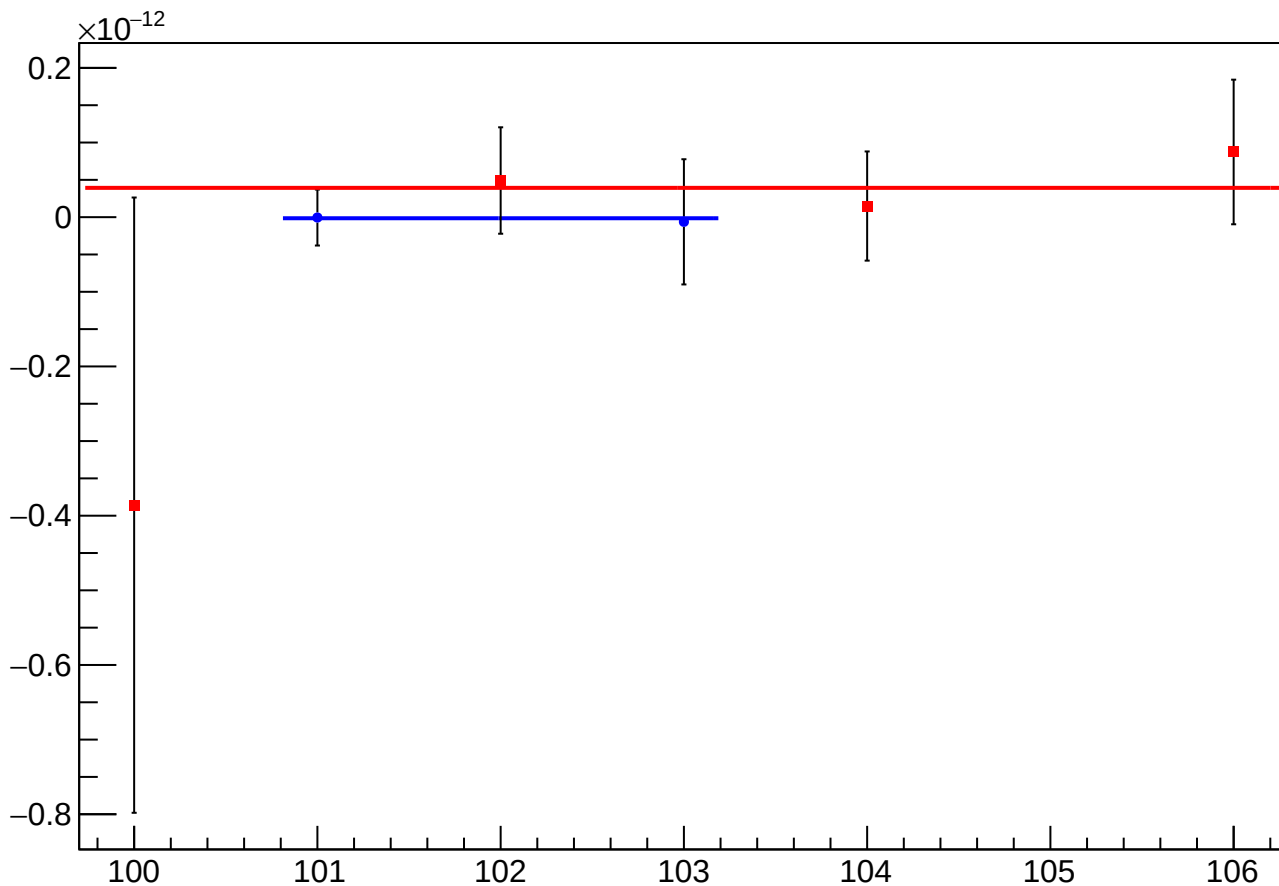
Right: 55.610+/-0.025 χ^2/NDF : 175479.4/5

In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.610+/-0.025 χ^2/NDF : 175479.4/5

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

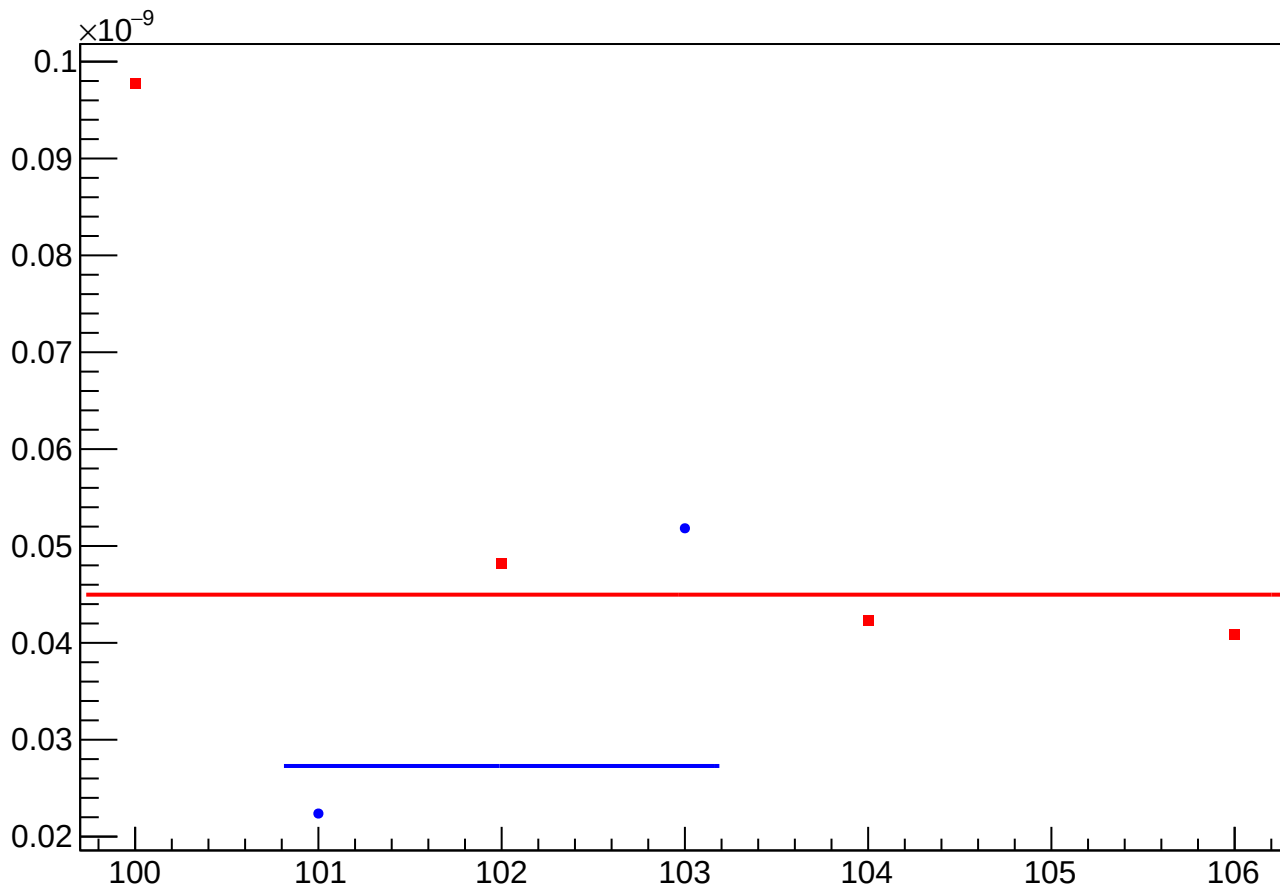
Right: 0.000+/-0.000 χ^2/NDF : 2.0/5

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.0/5

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 205398.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 42992.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

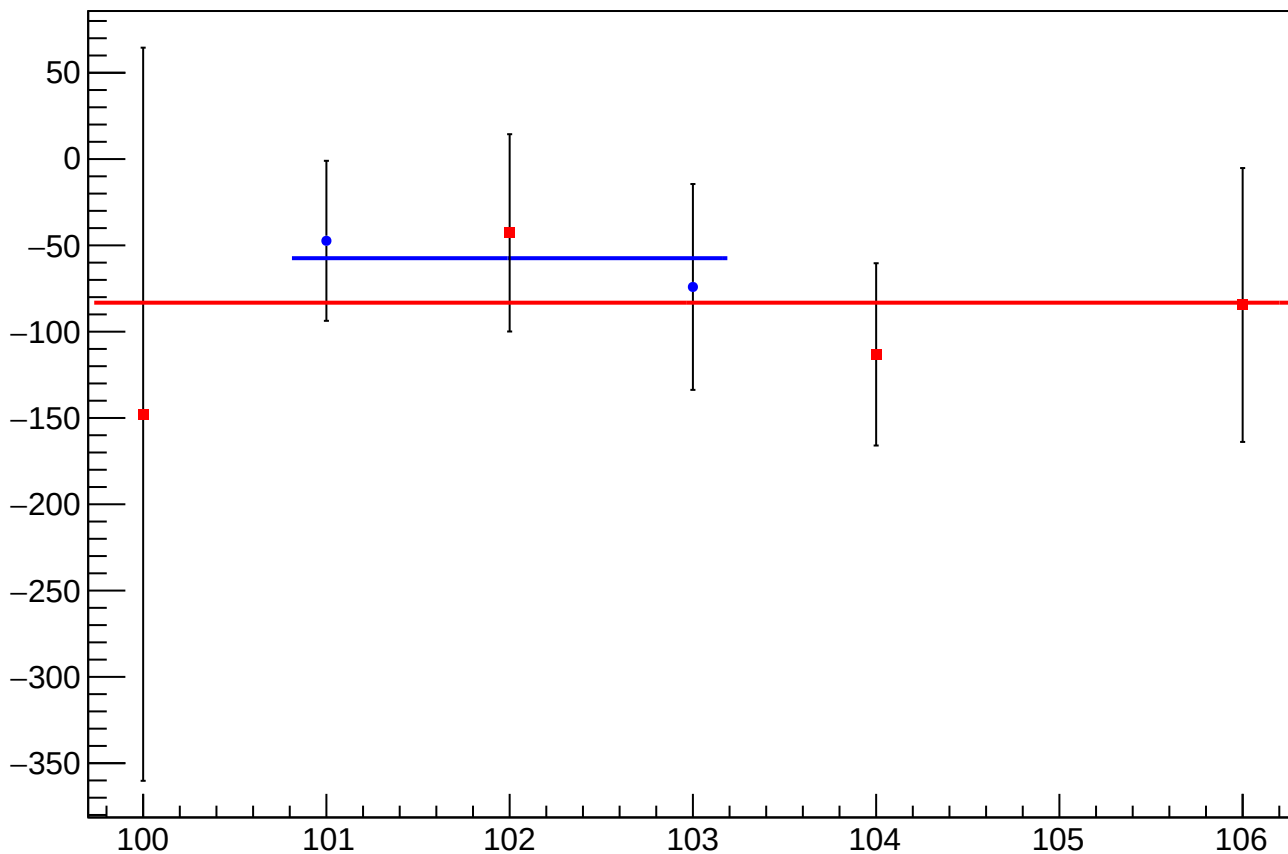
Right: 0.000+/-0.000 χ^2/NDF : 444538.2/5

In: 0.000+/-0.000 χ^2/NDF : 205398.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 444538.2/5

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.426 $\pm$ 36.596 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -83.206 $\pm$ 34.385 χ^2 /NDF: 0.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

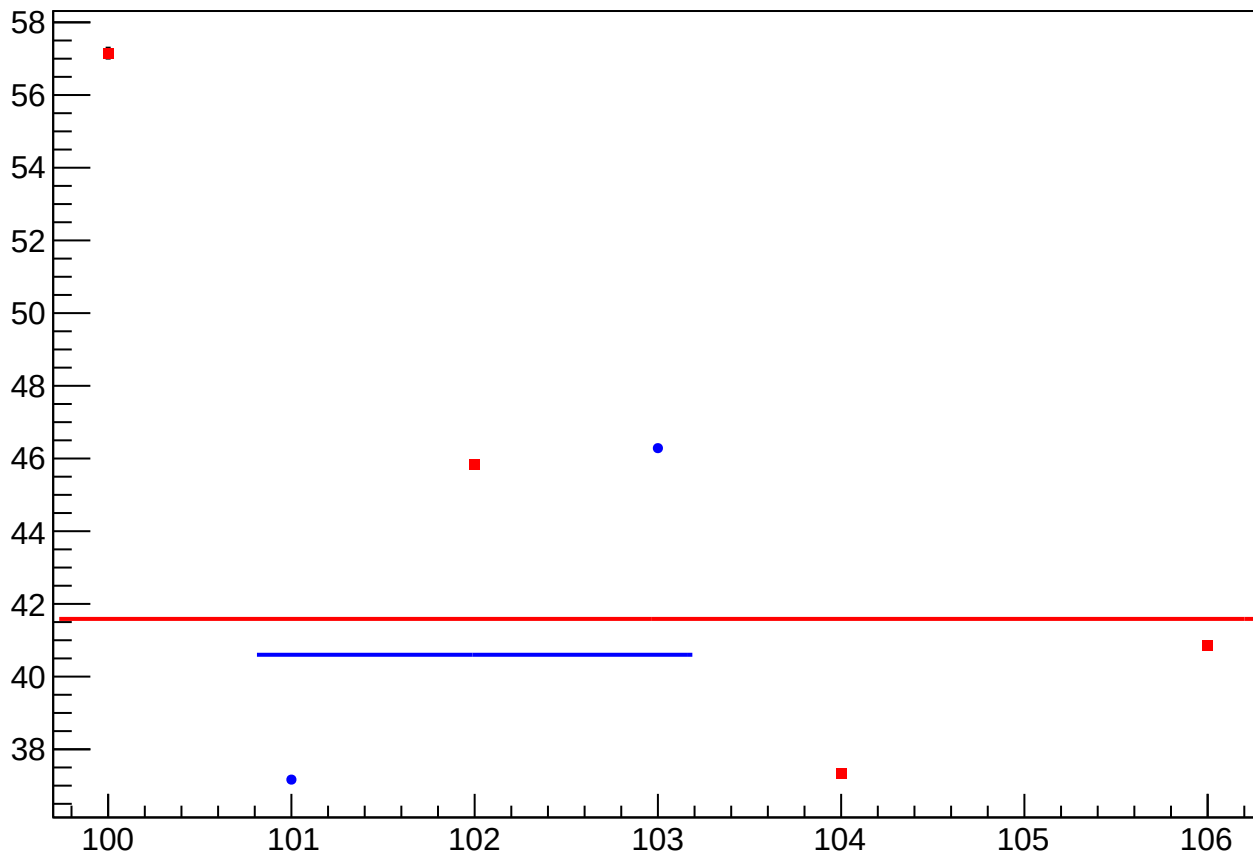
Right: -71.118 $\pm$ 25.059 χ^2 /NDF: 1.3/5

In: -57.426 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.118 $\pm$ 25.059 χ^2 /NDF: 1.3/5

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2/NDF : 29156.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.587+/-0.024 χ^2/NDF : 34979.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

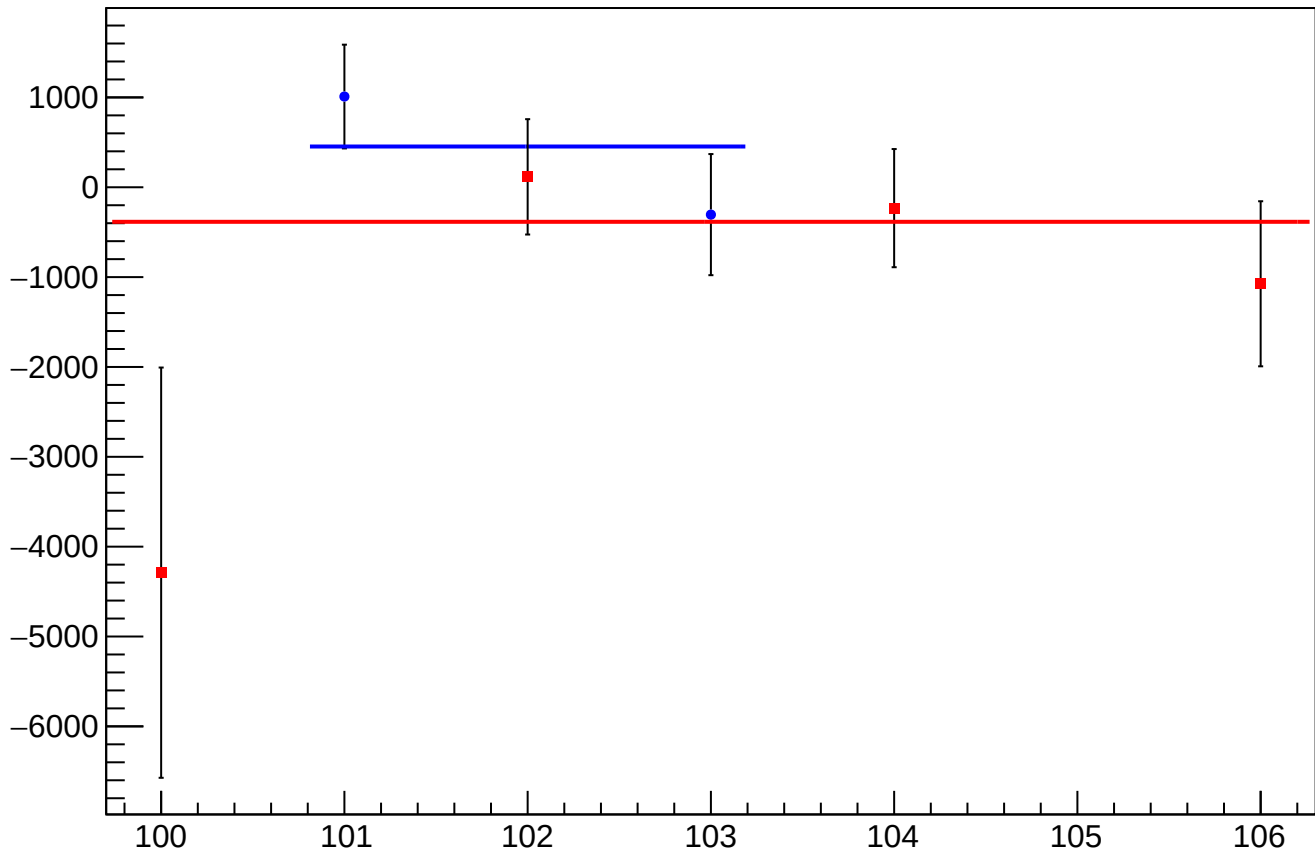
Right: 41.125+/-0.018 χ^2/NDF : 64907.9/5

In: 40.601+/-0.026 χ^2/NDF : 29156.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.125+/-0.018 χ^2/NDF : 64907.9/5

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 453.557+/-438.457 χ^2/NDF : 2.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -384.511+/-404.368 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

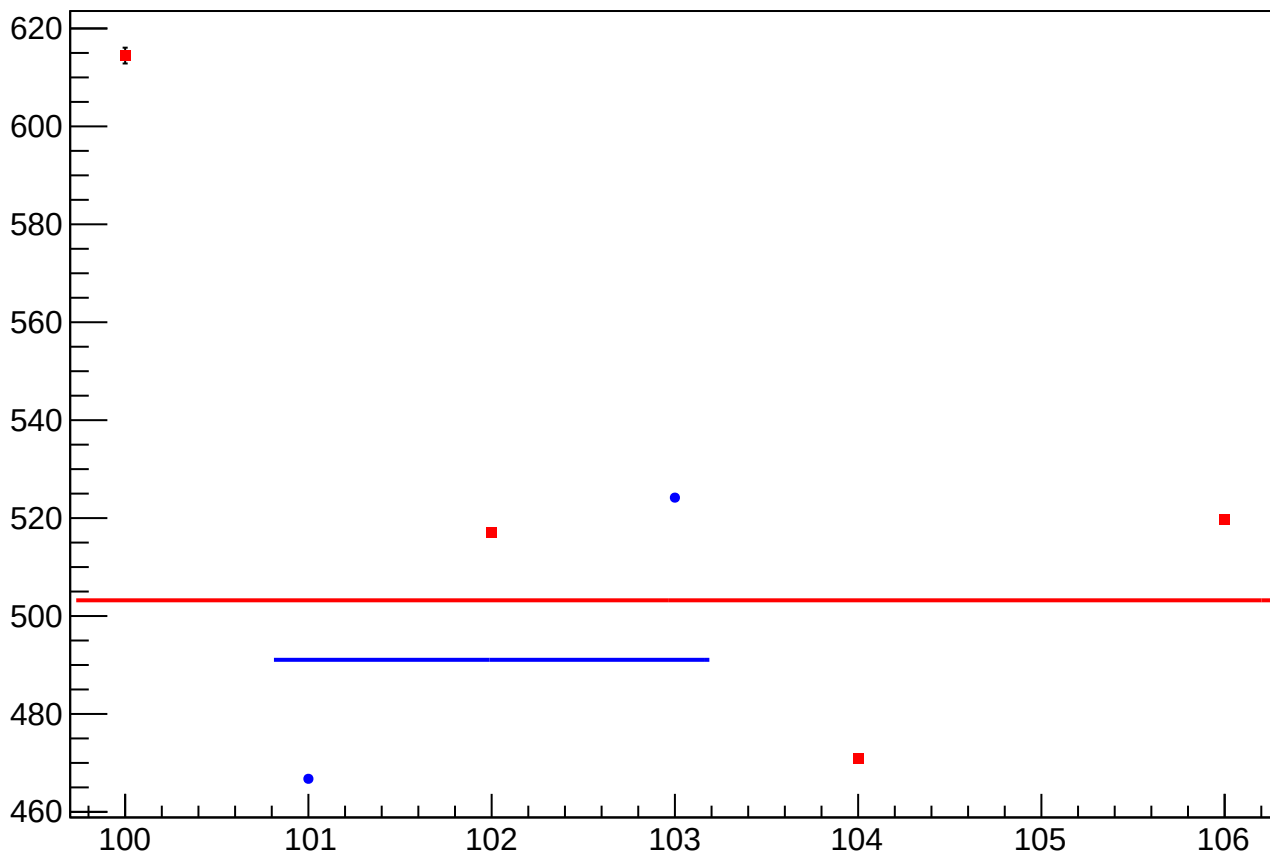
Right: 0.682+/-297.253 χ^2/NDF : 8.3/5

In: 453.557+/-438.457 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.682+/-297.253 χ^2/NDF : 8.3/5

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 491.057+/-0.310 χ^2/NDF : 8373.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.209+/-0.286 χ^2/NDF : 11145.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

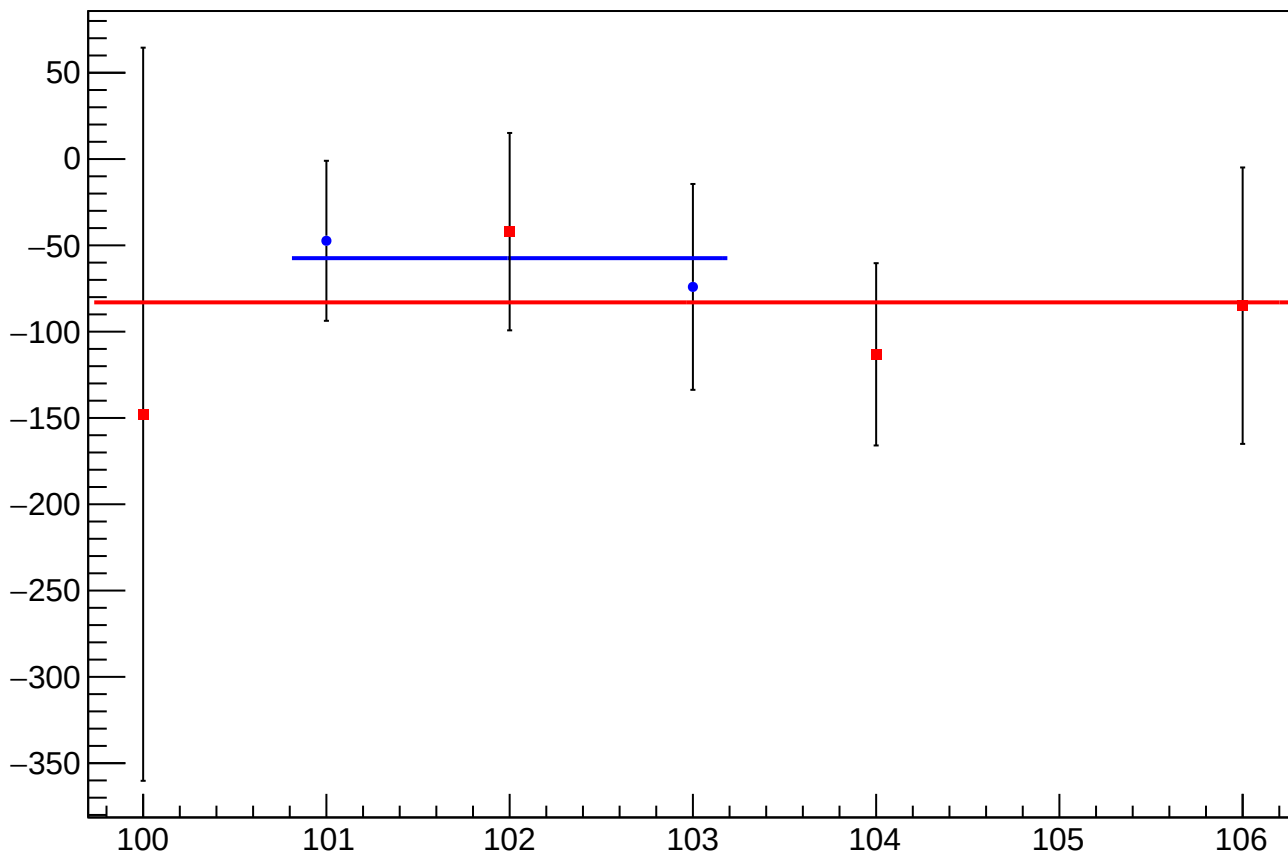
Right: 497.624+/-0.210 χ^2/NDF : 20349.6/5

In: 491.057+/-0.310 χ^2/NDF : 8373.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.624+/-0.210 χ^2/NDF : 20349.6/5

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.420 $\pm$ 36.596 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -83.029 $\pm$ 34.450 χ^2 /NDF: 0.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

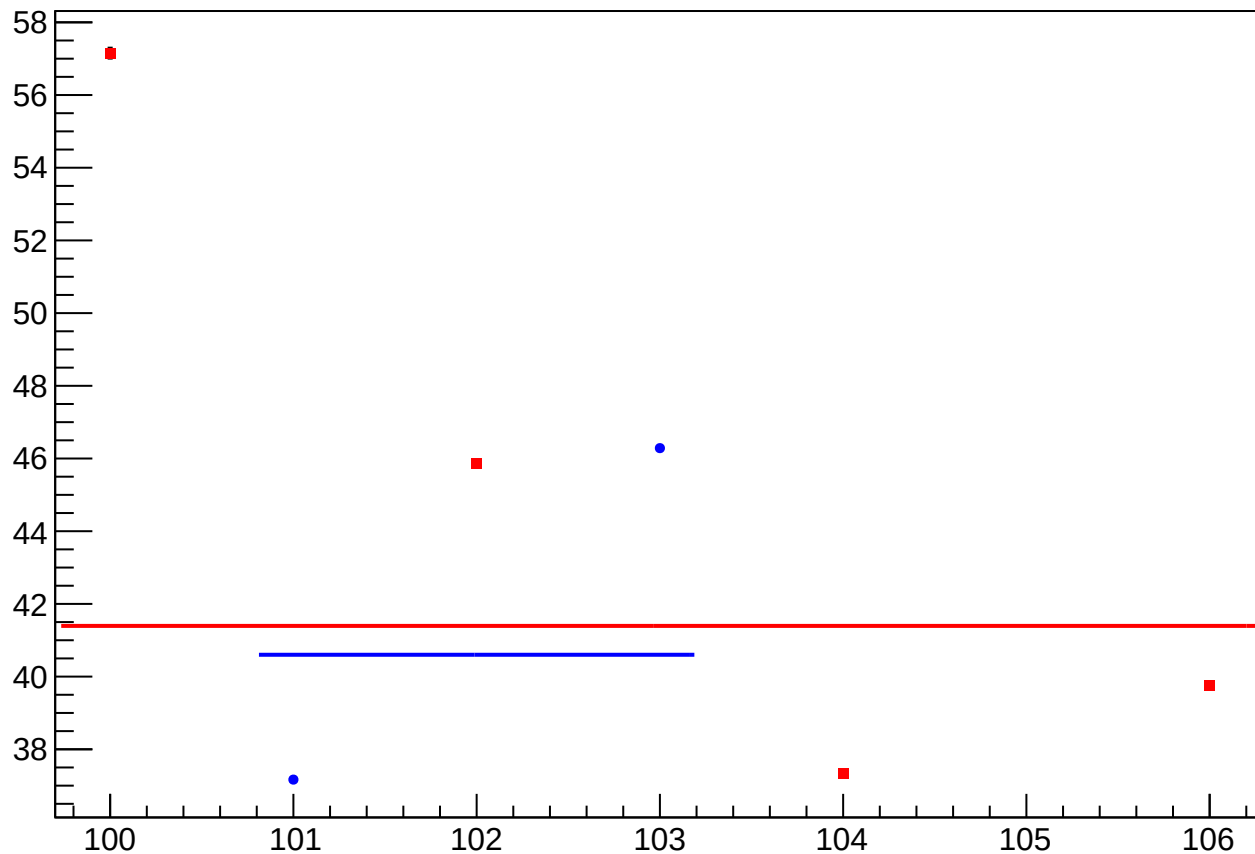
Right: -70.997 $\pm$ 25.084 χ^2 /NDF: 1.3/5

In: -57.420 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.997 $\pm$ 25.084 χ^2 /NDF: 1.3/5

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.395+/-0.024 χ^2/NDF : 35867.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

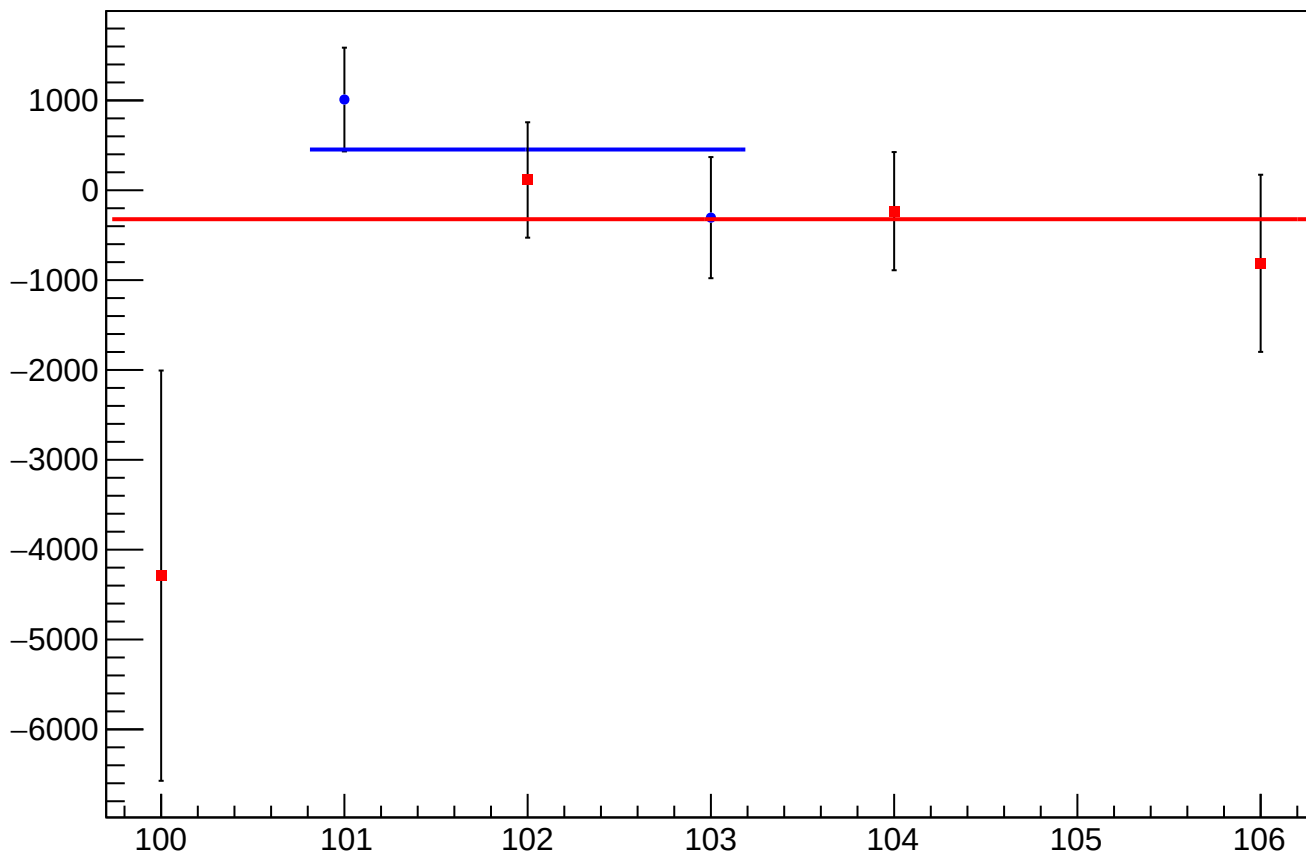
Right: 41.022+/-0.018 χ^2/NDF : 65524.6/5

In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.022+/-0.018 χ^2/NDF : 65524.6/5

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 453.503 $\pm$ 438.466 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -322.167 $\pm$ 409.702 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

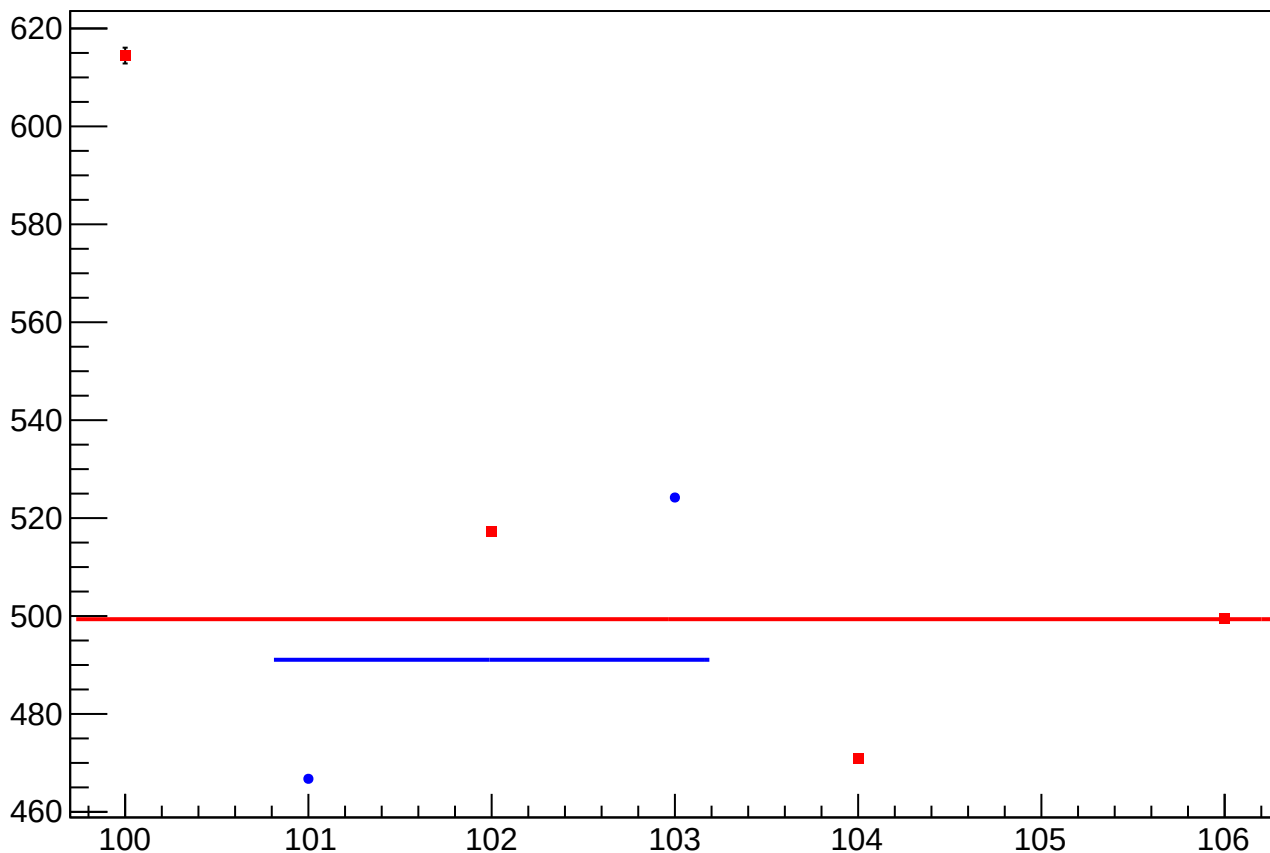
Right: 39.393 $\pm$ 299.356 χ^2 /NDF: 7.6/5

In: 453.503 $\pm$ 438.466 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.393 $\pm$ 299.356 χ^2 /NDF: 7.6/5

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 491.066 ± 0.310 χ^2/NDF : 8380.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 499.354 ± 0.290 χ^2/NDF : 10370.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

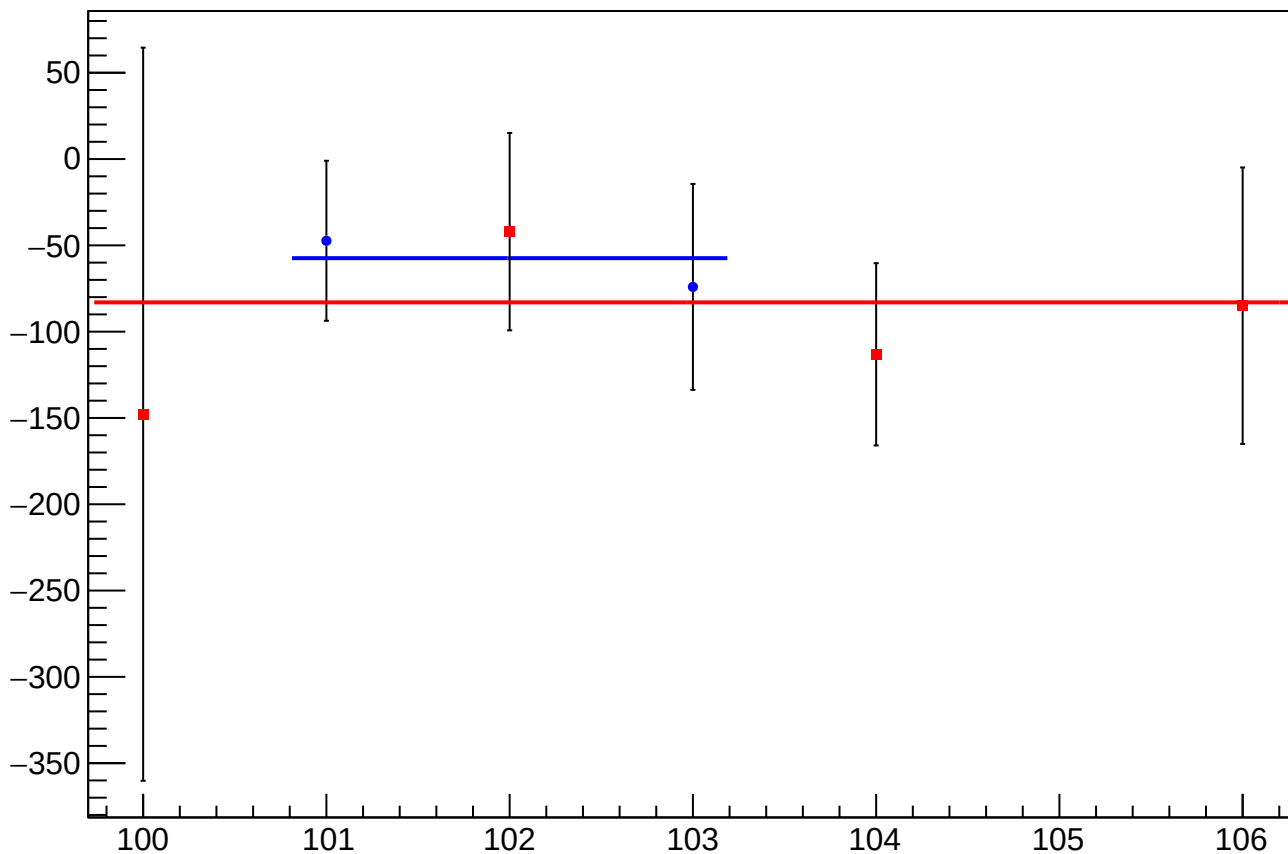
Right: 495.490 ± 0.212 χ^2/NDF : 19132.1/5

In: 491.066 ± 0.310 χ^2/NDF : 8380.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 495.490 ± 0.212 χ^2/NDF : 19132.1/5

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -57.420 $\pm$ 36.596 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -83.029 $\pm$ 34.450 χ^2 /NDF: 0.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

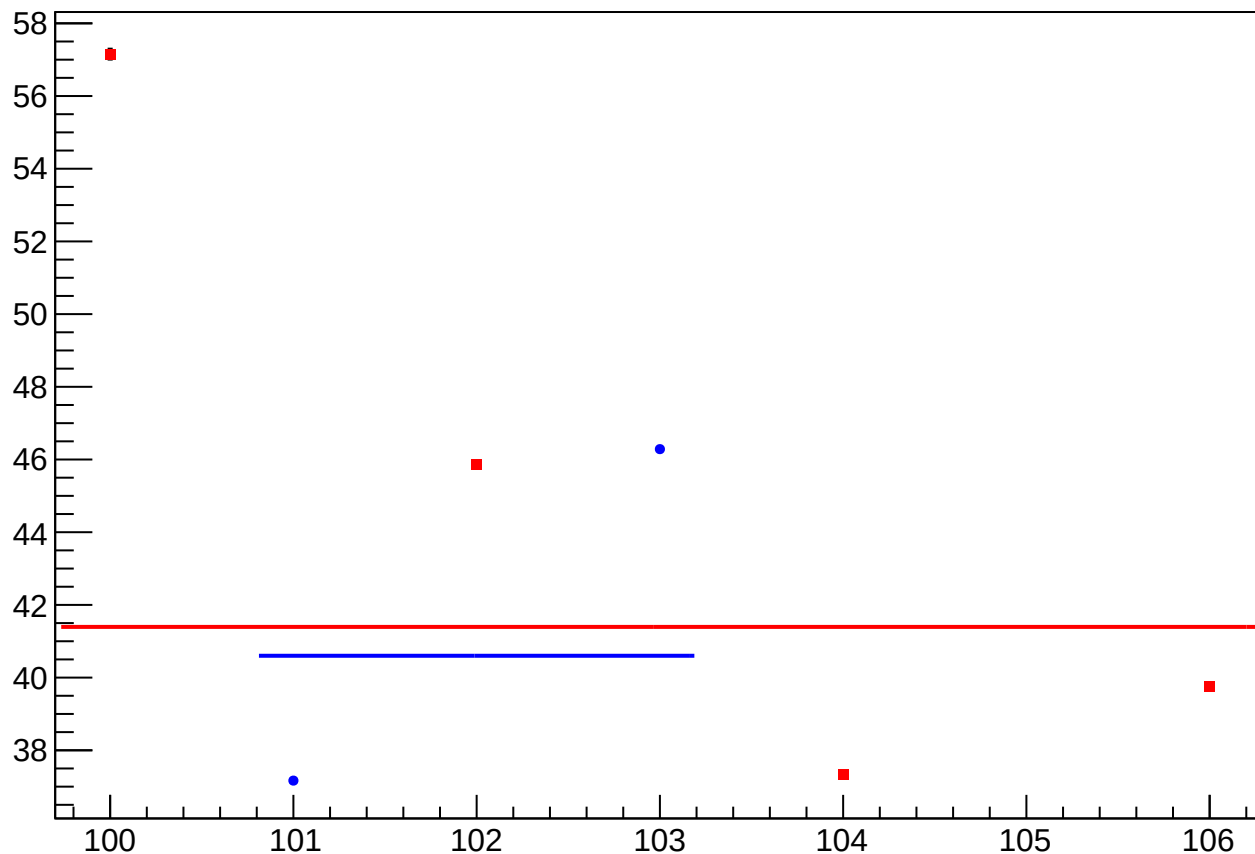
Right: -70.997 $\pm$ 25.084 χ^2 /NDF: 1.3/5

In: -57.420 $\pm$ 36.596 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.997 $\pm$ 25.084 χ^2 /NDF: 1.3/5

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601 $\pm$ 0.026 χ^2 /NDF: 29157.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 41.395 $\pm$ 0.024 χ^2 /NDF: 35867.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

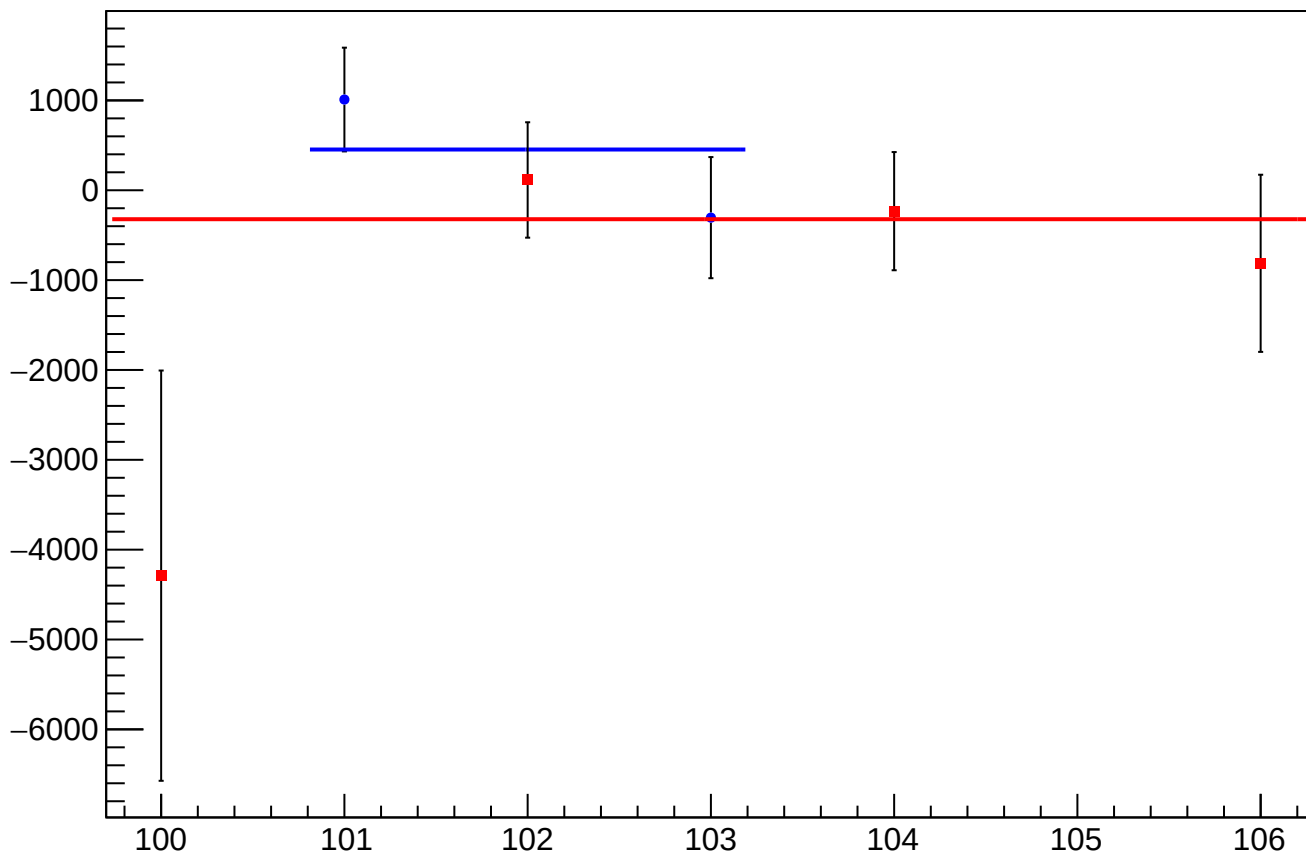
Right: 41.022 $\pm$ 0.018 χ^2 /NDF: 65524.6/5

In: 40.601 $\pm$ 0.026 χ^2 /NDF:29157.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.022 $\pm$ 0.018 χ^2 /NDF: 65524.6/5

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 453.503 $\pm$ 438.466 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -322.167 $\pm$ 409.702 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

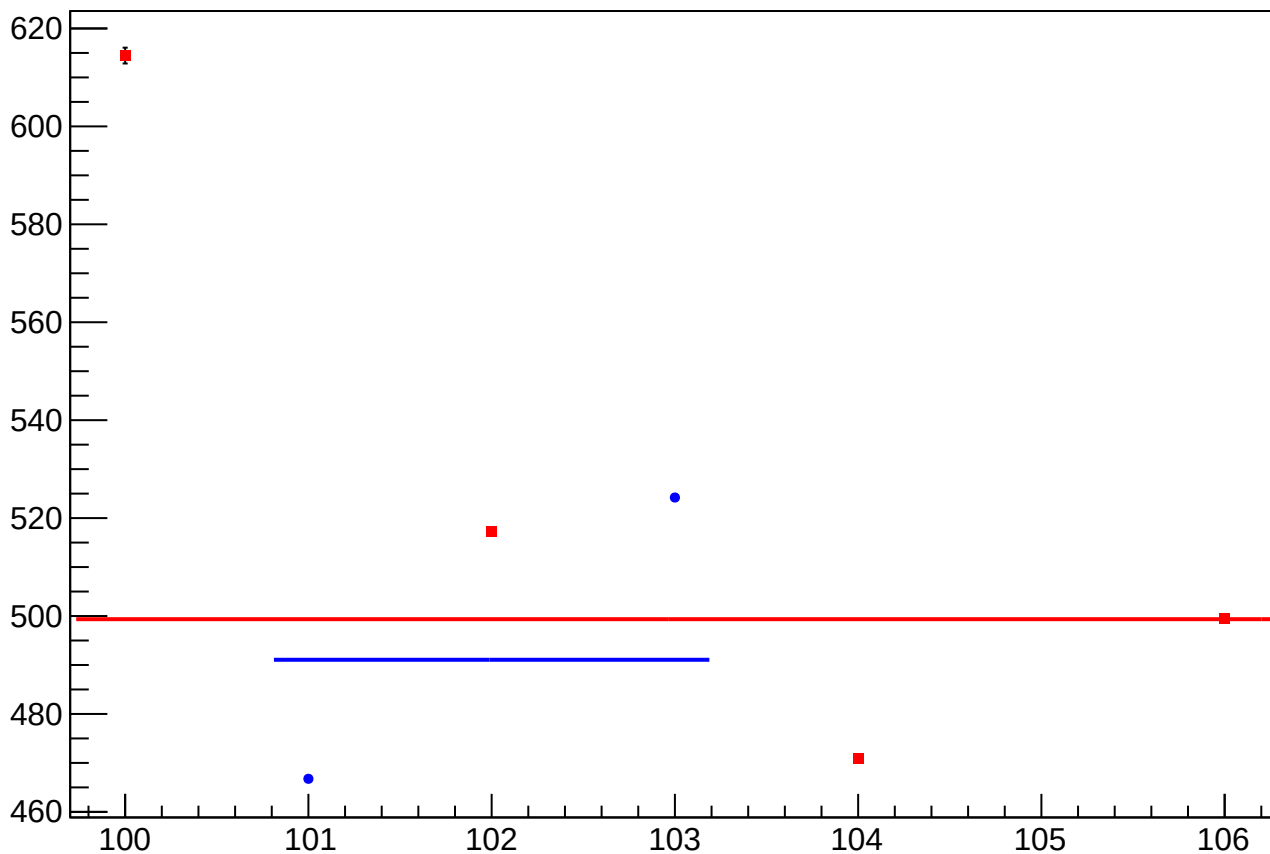
Right: 39.393 $\pm$ 299.356 χ^2 /NDF: 7.6/5

In: 453.503 $\pm$ 438.466 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.393 $\pm$ 299.356 χ^2 /NDF: 7.6/5

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 499.354+/-0.290 χ^2/NDF : 10370.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

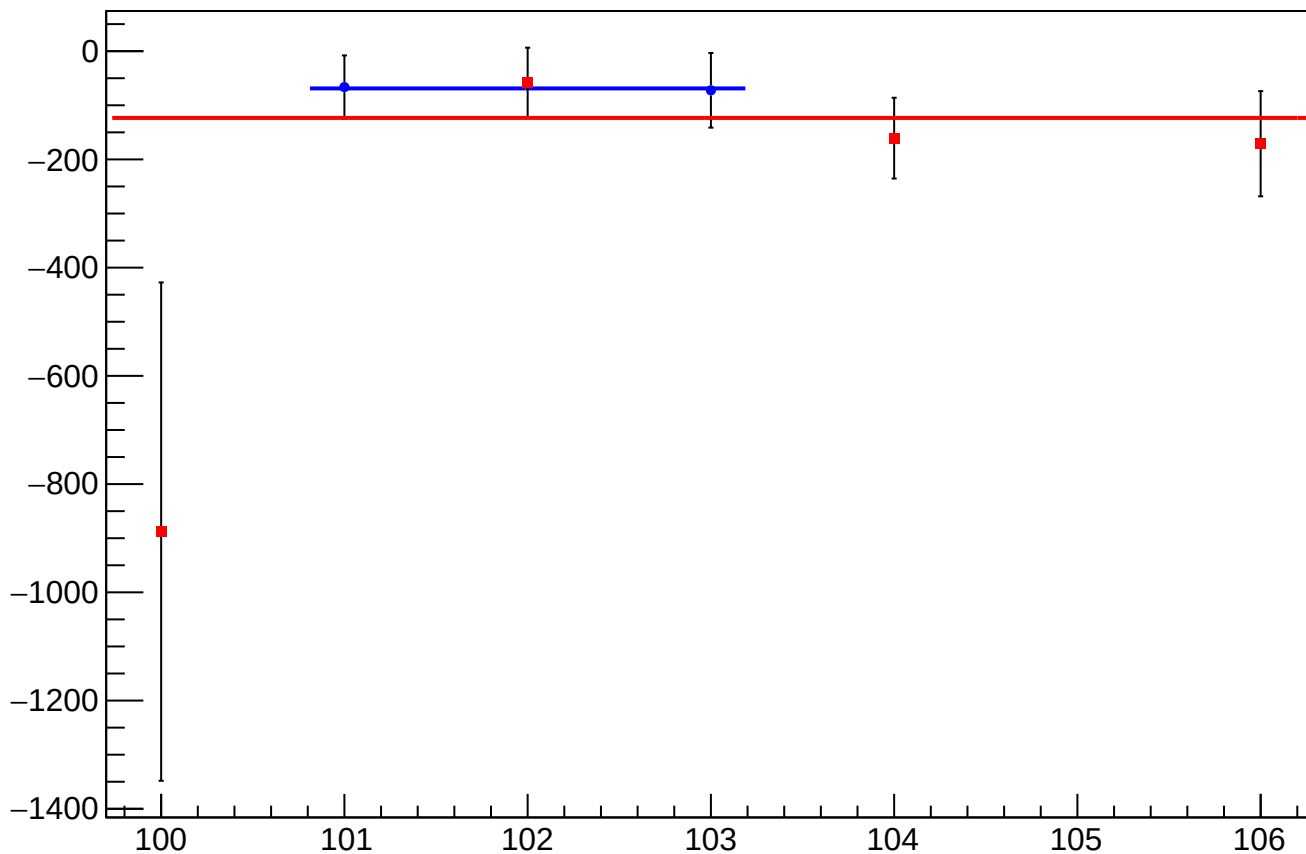
Right: 495.490+/-0.212 χ^2/NDF : 19132.1/5

In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.490+/-0.212 χ^2/NDF : 19132.1/5

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -68.849 $\pm$ 44.642 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -123.349 $\pm$ 43.558 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

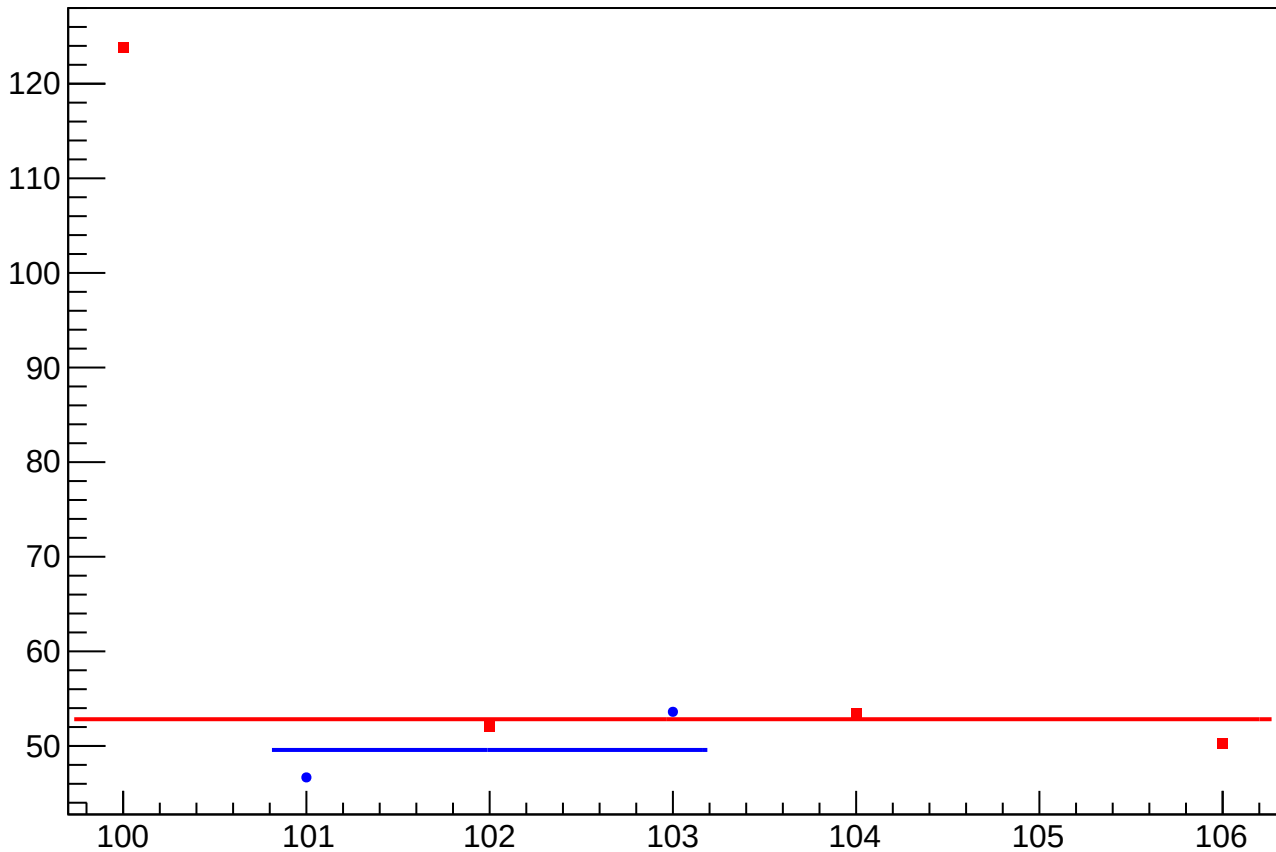
Right: -96.768 $\pm$ 31.176 χ^2 /NDF: 5.0/5

In: -68.849 $\pm$ 44.642 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.768 $\pm$ 31.176 χ^2 /NDF: 5.0/5

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579+/-0.032 χ^2/NDF : 11743.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.827+/-0.031 χ^2/NDF : 49280.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

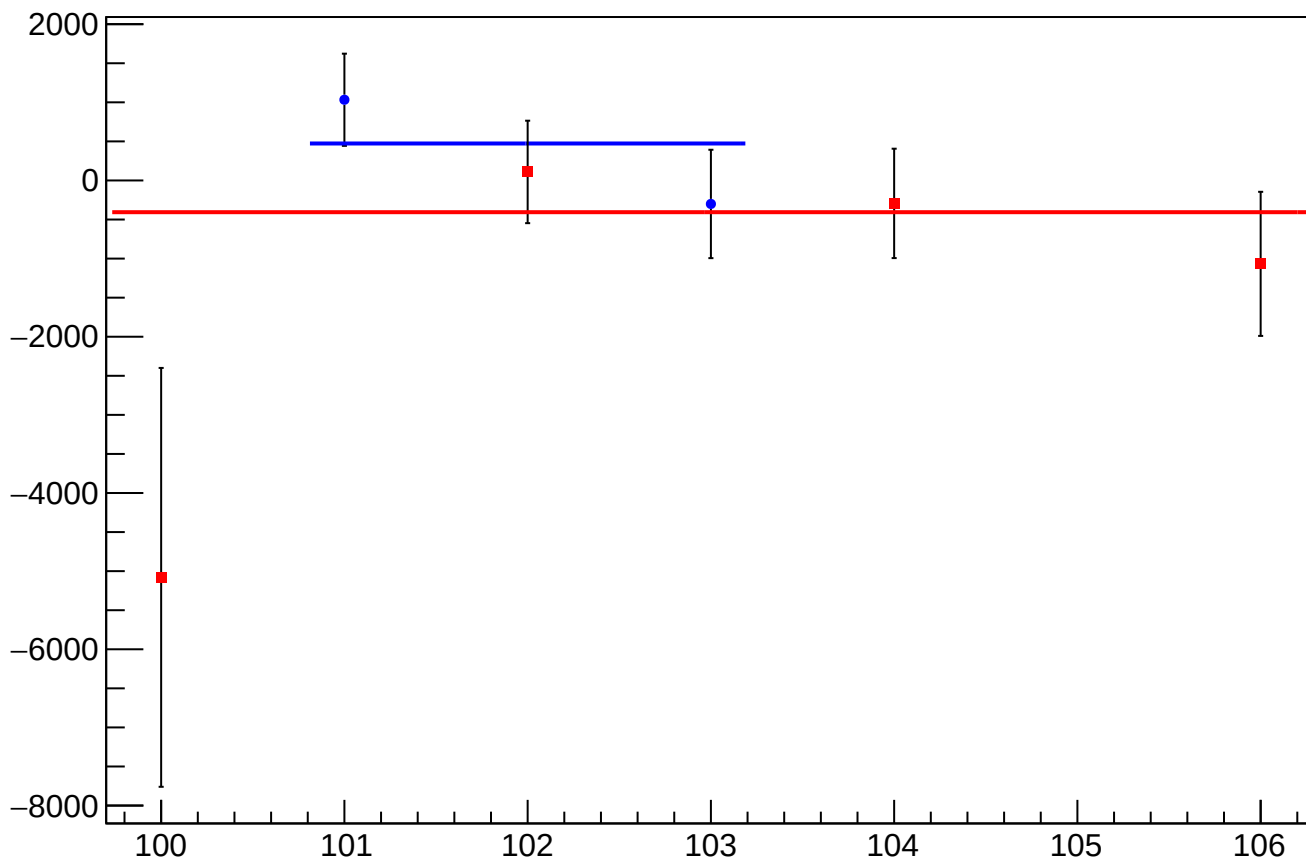
Right: 51.243+/-0.022 χ^2/NDF : 66447.8/5

In: 49.579+/-0.032 χ^2/NDF : 11743.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.243+/-0.022 χ^2/NDF : 66447.8/5

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -406.114+/-419.491 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

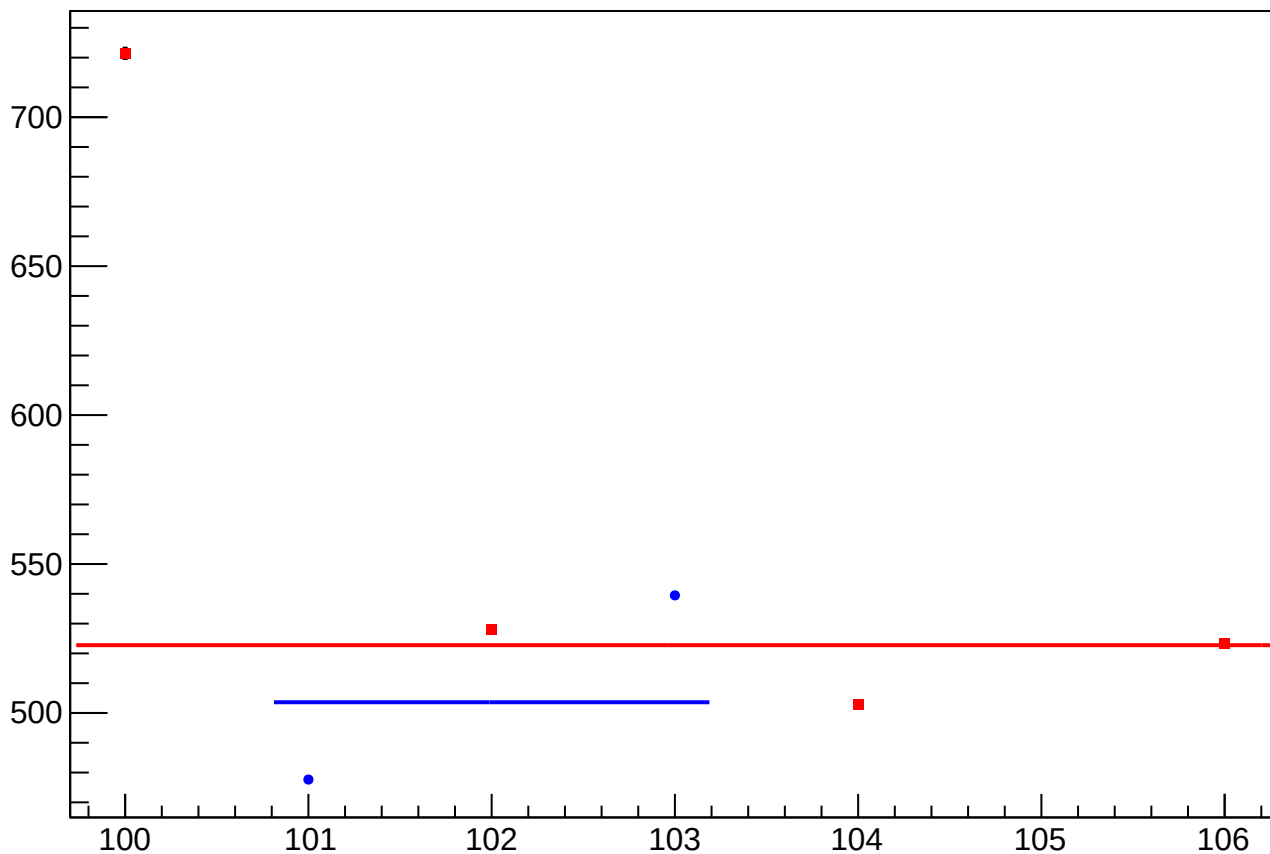
Right: 3.362+/-306.618 χ^2/NDF : 8.4/5

In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.362+/-306.618 χ^2/NDF : 8.4/5

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.603+/-0.318 χ^2/NDF : 9224.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.758+/-0.297 χ^2/NDF : 12755.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

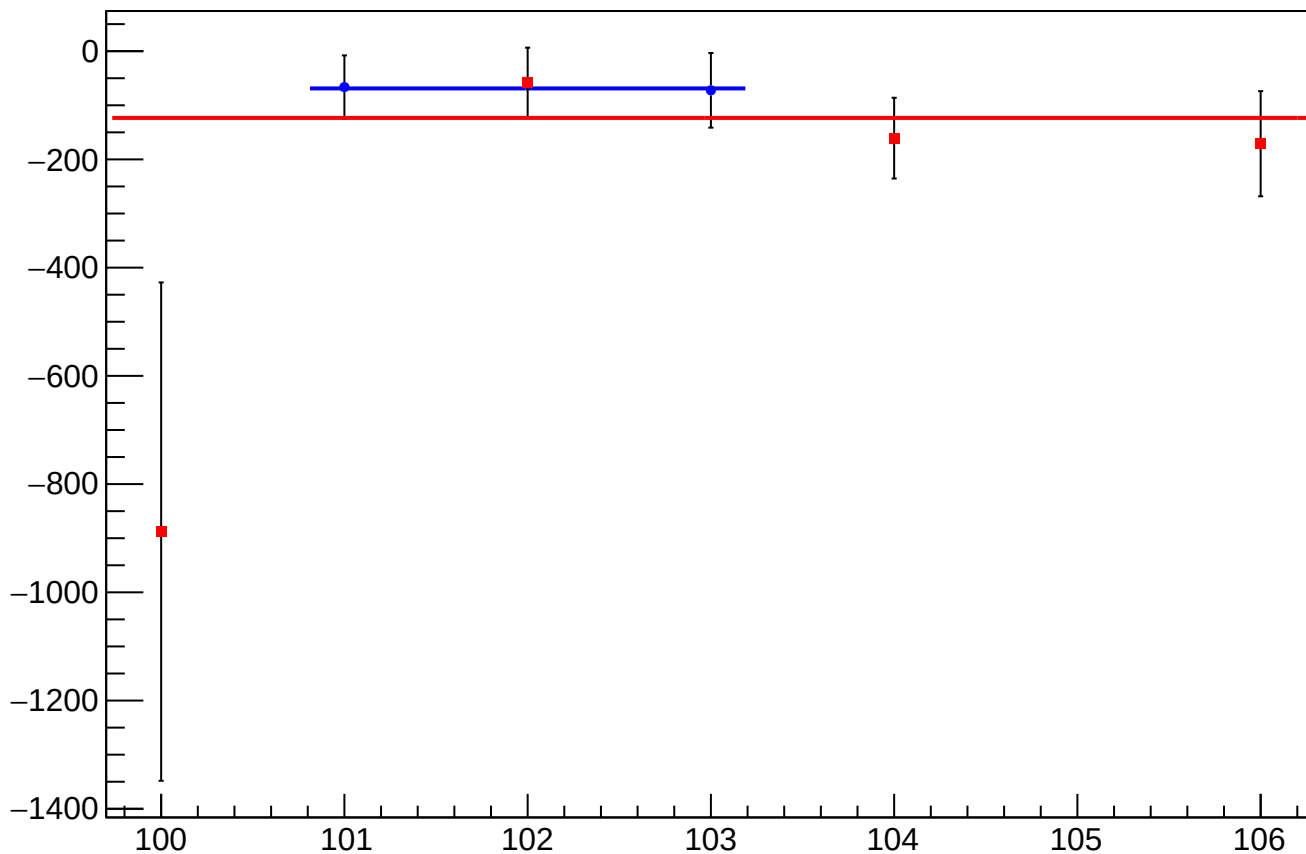
Right: 513.837+/-0.217 χ^2/NDF : 23922.1/5

In: 503.603+/-0.318 χ^2/NDF : 9224.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.837+/-0.217 χ^2/NDF : 23922.1/5

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -68.847 $\pm$ 44.642 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -123.348 $\pm$ 43.558 χ^2 /NDF: 4.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

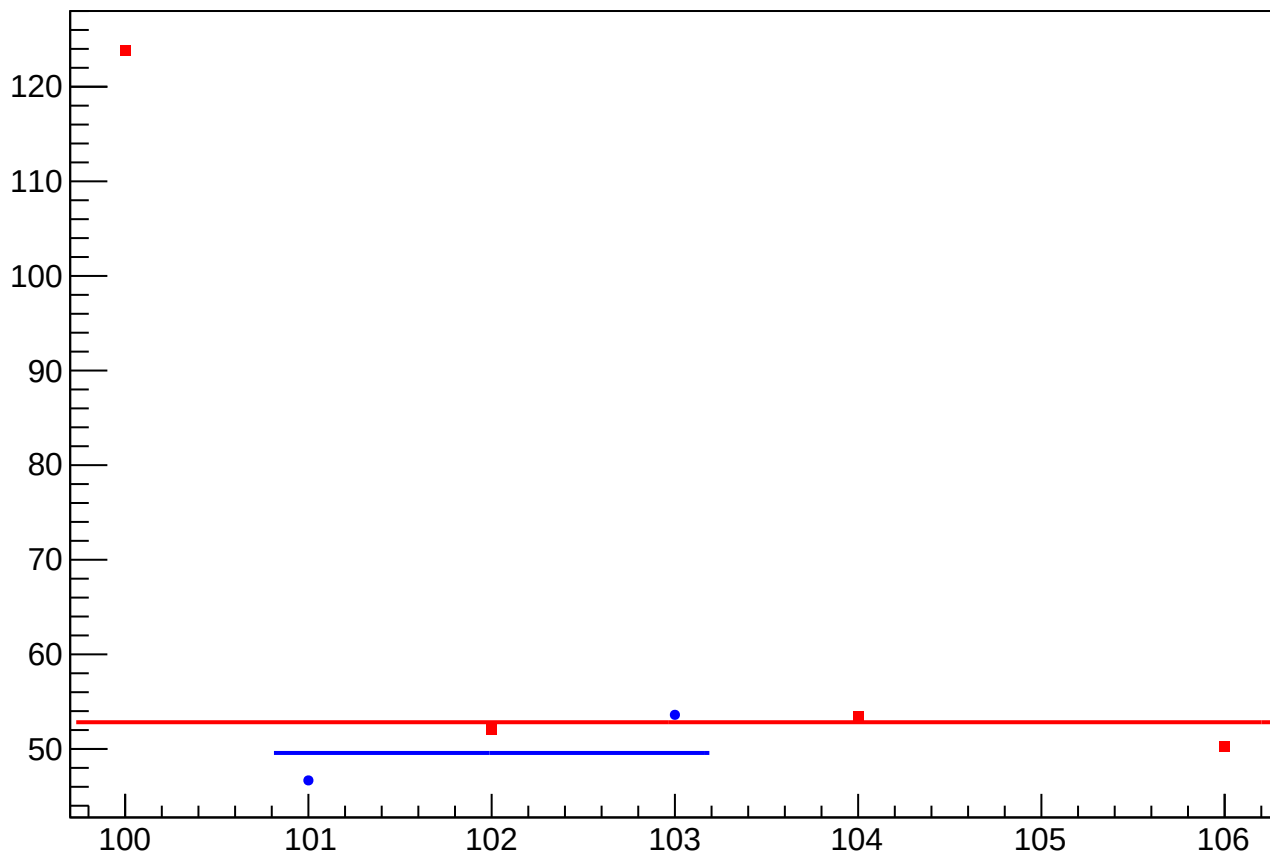
Right: -96.767 $\pm$ 31.176 χ^2 /NDF: 5.0/5

In: -68.847 $\pm$ 44.642 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -96.767 $\pm$ 31.176 χ^2 /NDF: 5.0/5

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579 $\pm$ 0.032 χ^2 /NDF: 11741.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.826 $\pm$ 0.031 χ^2 /NDF: 49282.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

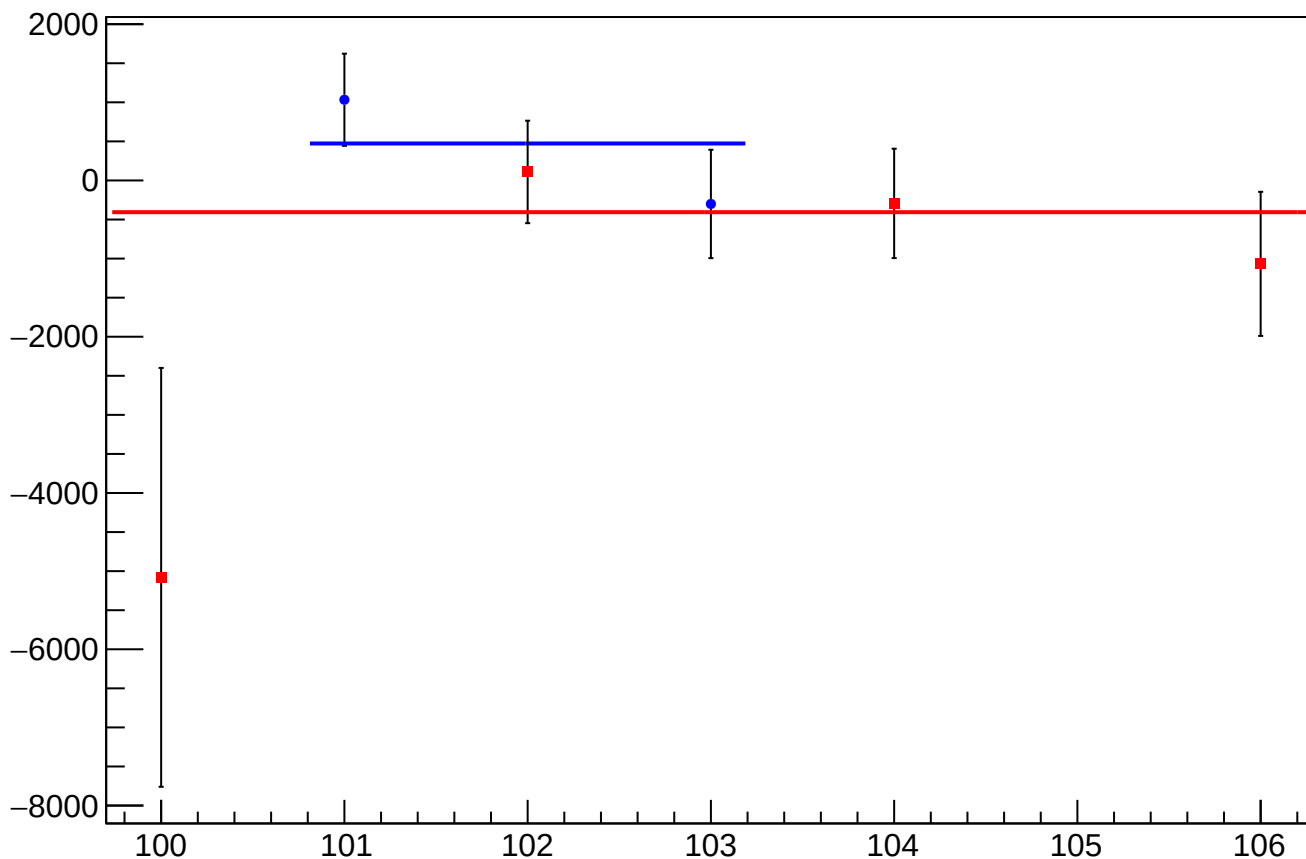
Right: 51.242 $\pm$ 0.022 χ^2 /NDF: 66445.4/5

In: 49.579 $\pm$ 0.032 χ^2 /NDF: 11741.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.242 $\pm$ 0.022 χ^2 /NDF: 66445.4/5

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -406.114+/-419.491 χ^2/NDF : 4.2/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

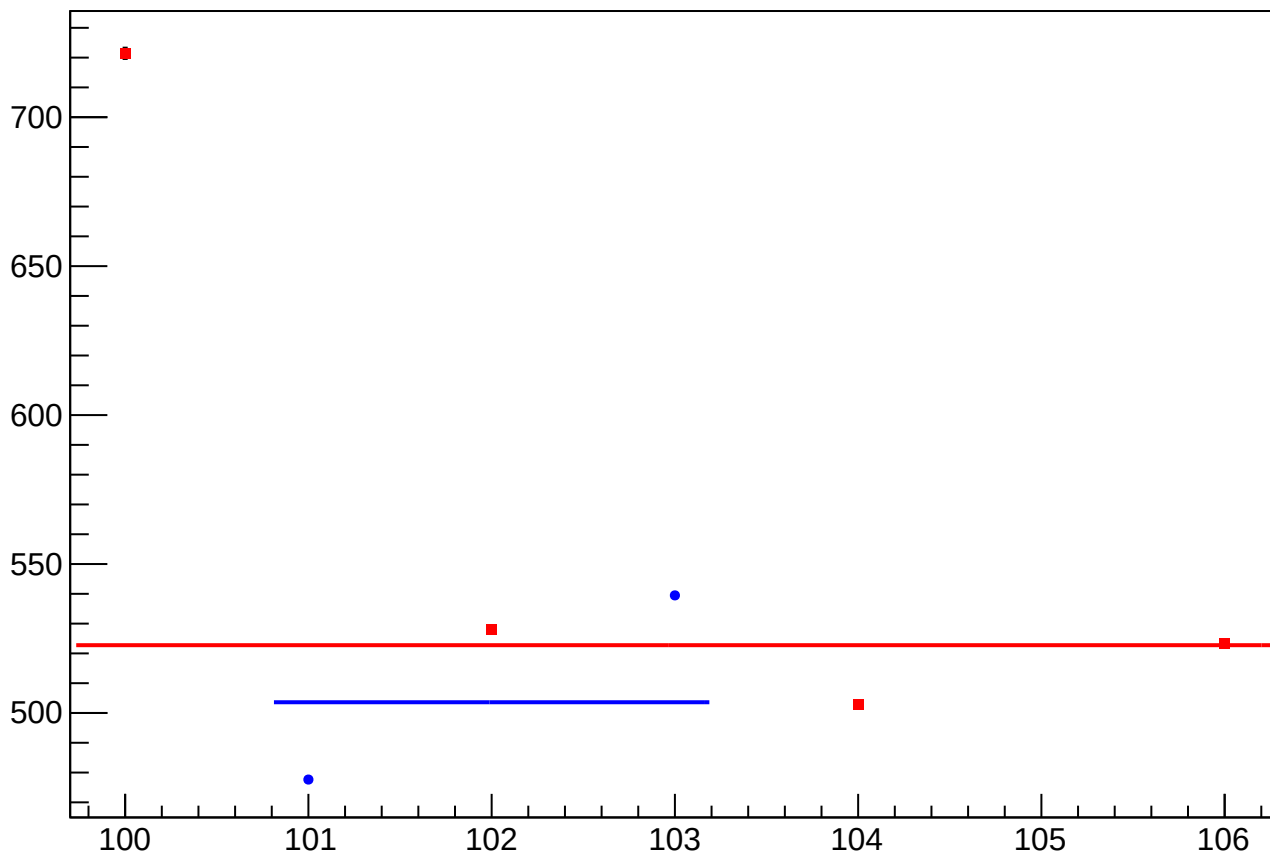
Right: 3.362+/-306.618 χ^2/NDF : 8.4/5

In: 473.073+/-449.287 χ^2/NDF :2.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.362+/-306.618 χ^2/NDF : 8.4/5

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 503.602 $\pm$ 0.318 χ^2 /NDF: 9224.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 522.757 $\pm$ 0.297 χ^2 /NDF: 12755.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

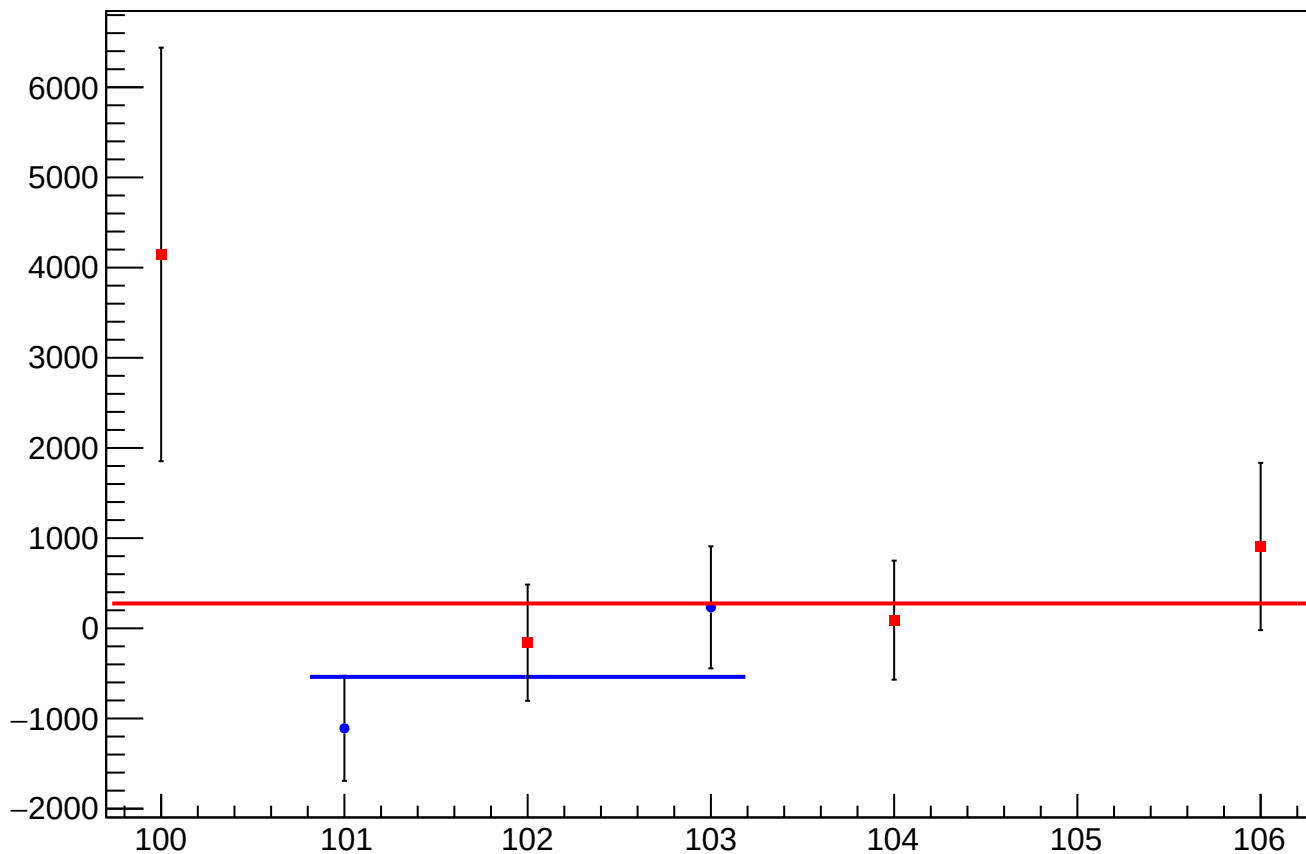
Right: 513.836 $\pm$ 0.217 χ^2 /NDF: 23921.8/5

In: 503.602 $\pm$ 0.318 χ^2 /NDF:9224.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 513.836 $\pm$ 0.217 χ^2 /NDF: 23921.8/5

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -538.285+/-441.281 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 275.388+/-406.358 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

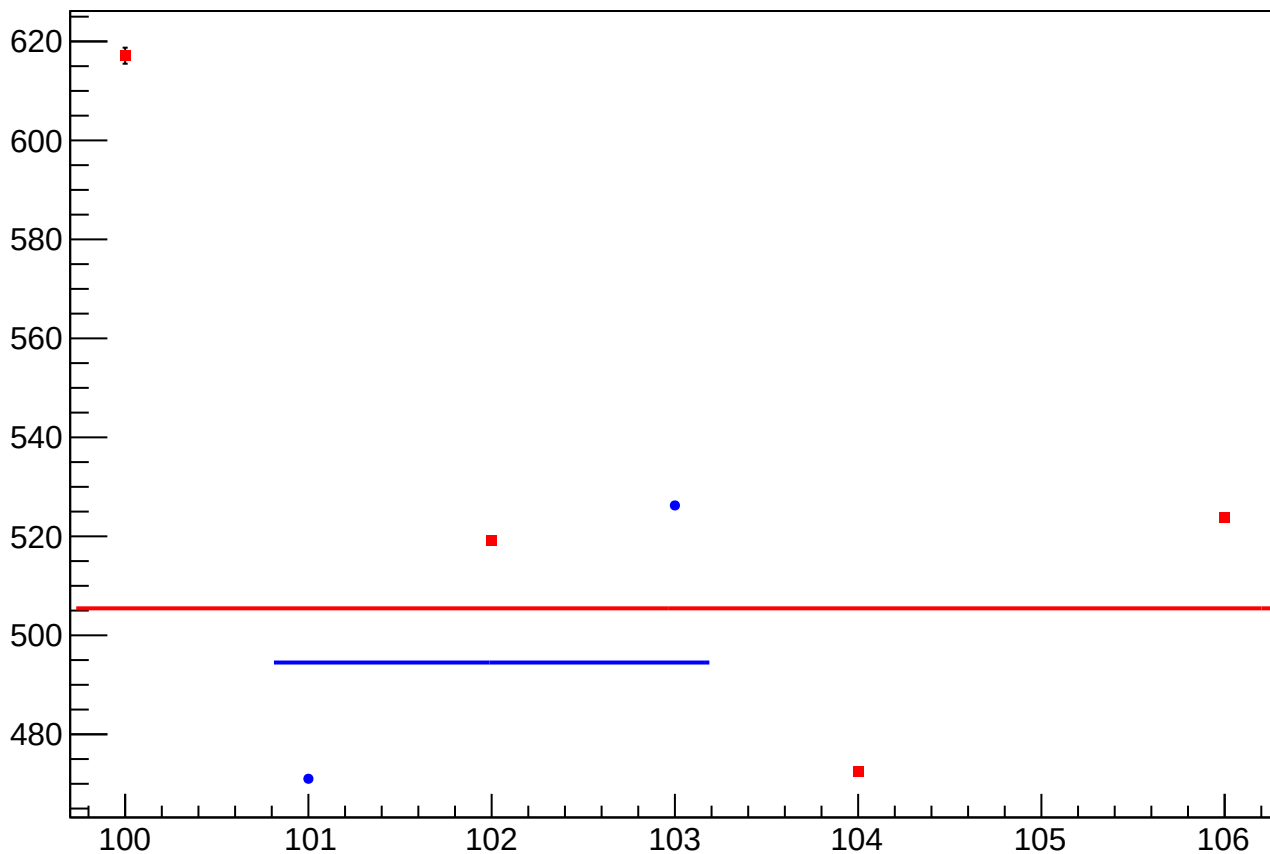
Right: -97.982+/-298.923 χ^2/NDF : 7.9/5

In: -538.285+/-441.281 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.982+/-298.923 χ^2/NDF : 7.9/5

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 494.505 $\pm$ 0.312 χ^2 /NDF: 7656.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 505.451 $\pm$ 0.287 χ^2 /NDF: 11407.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

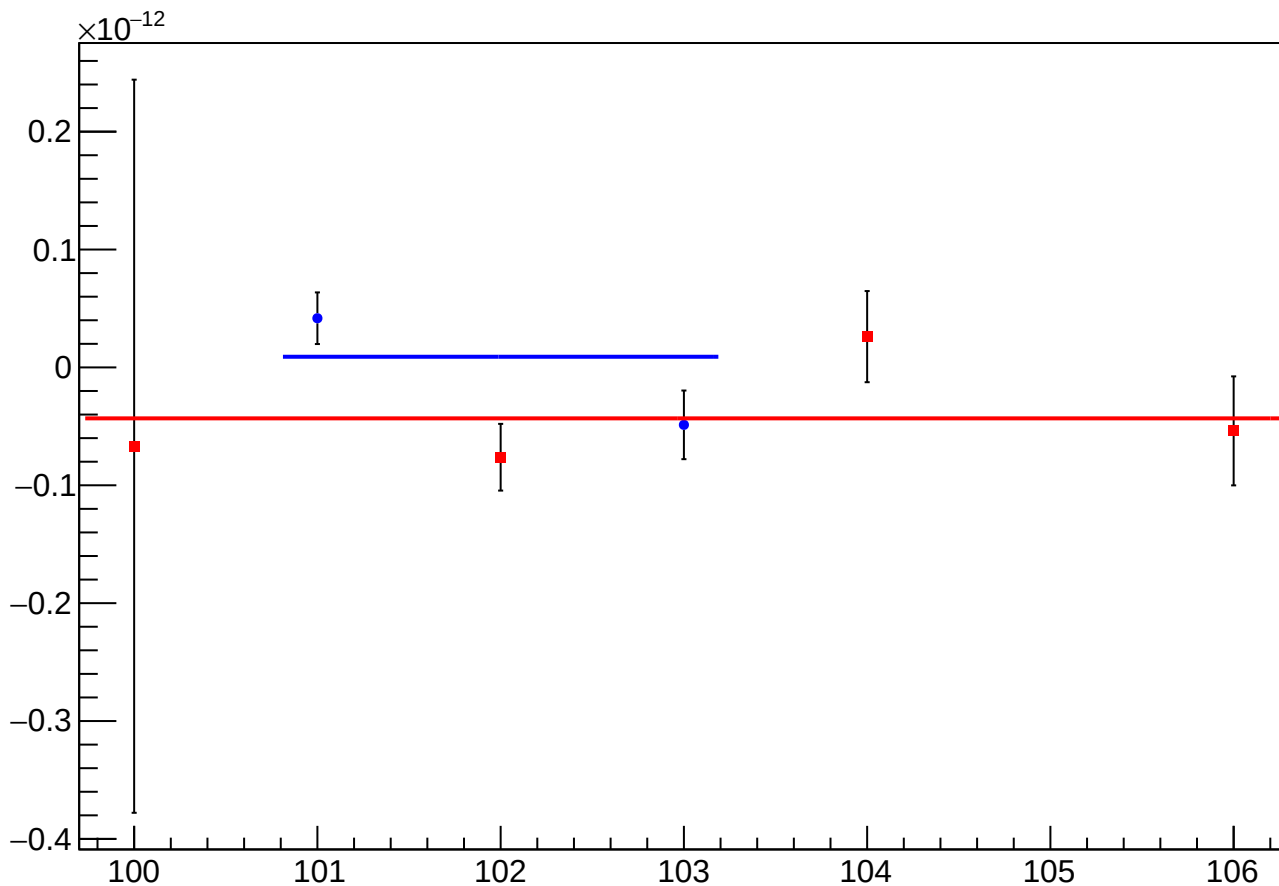
Right: 500.428 $\pm$ 0.211 χ^2 /NDF: 19729.1/5

In: 494.505 $\pm$ 0.312 χ^2 /NDF:7656.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 500.428 $\pm$ 0.211 χ^2 /NDF: 19729.1/5

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

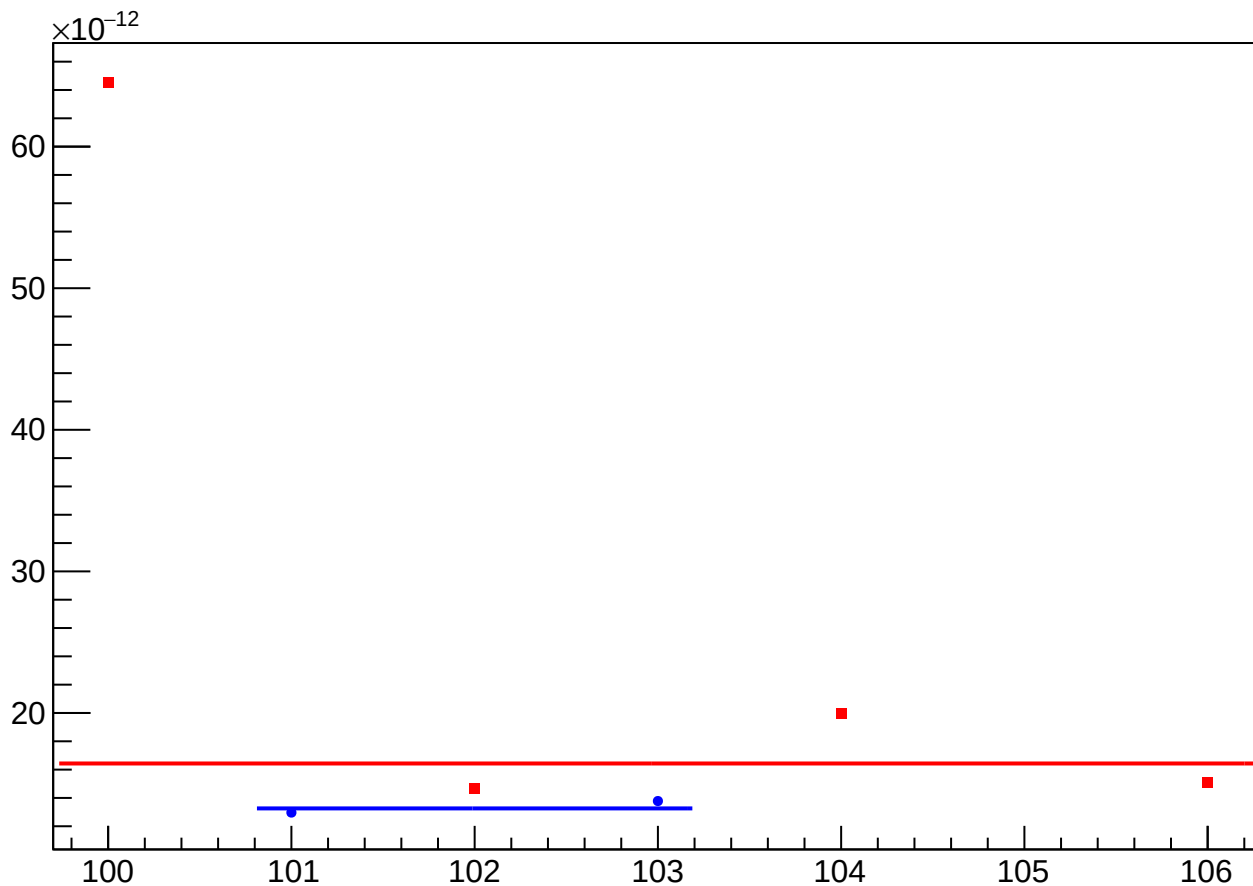
Right: -0.000+/-0.000 χ^2/NDF : 14.6/5

In: 0.000+/-0.000 χ^2/NDF : 6.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.6/5

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1001.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73957.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

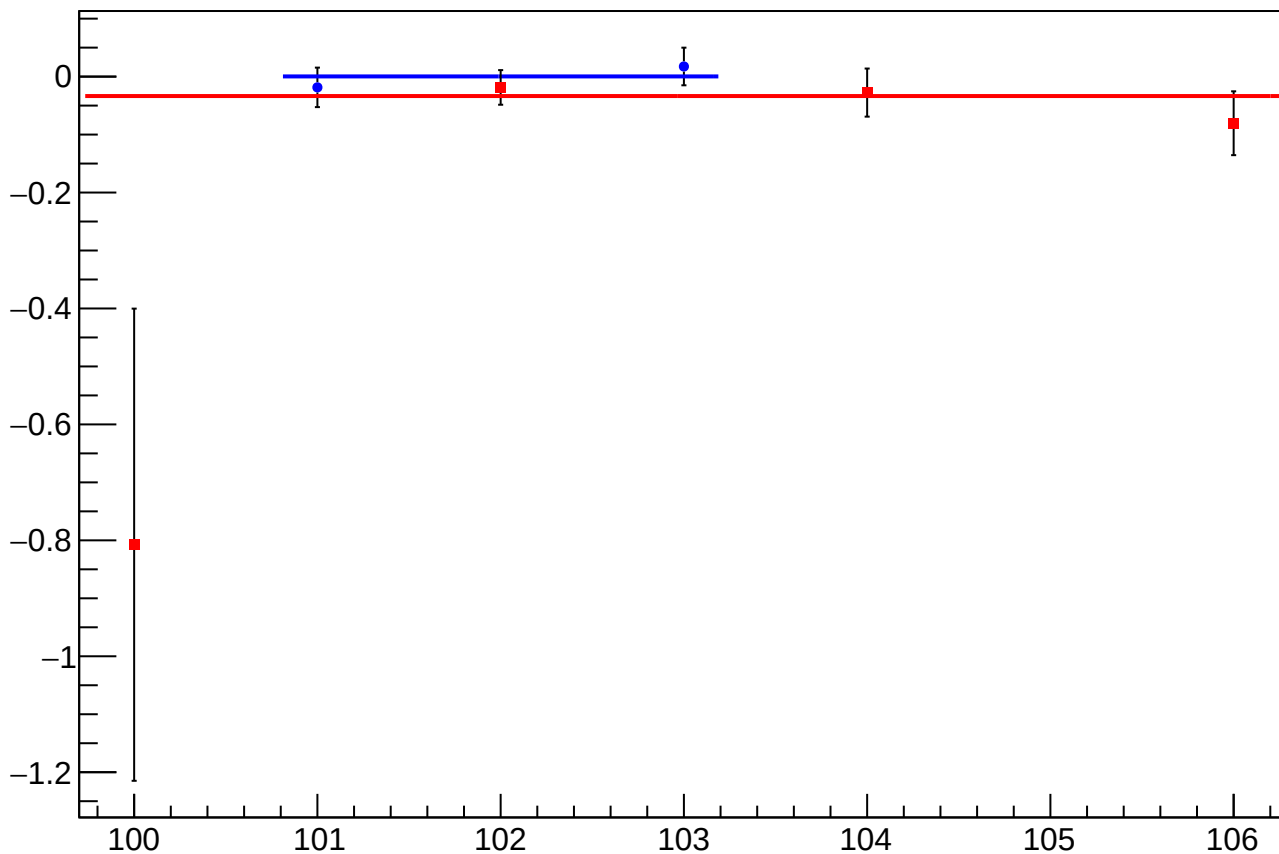
Right: 0.000+/-0.000 χ^2/NDF : 102783.8/5

In: 0.000+/-0.000 χ^2/NDF : 1001.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 102783.8/5

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.022 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

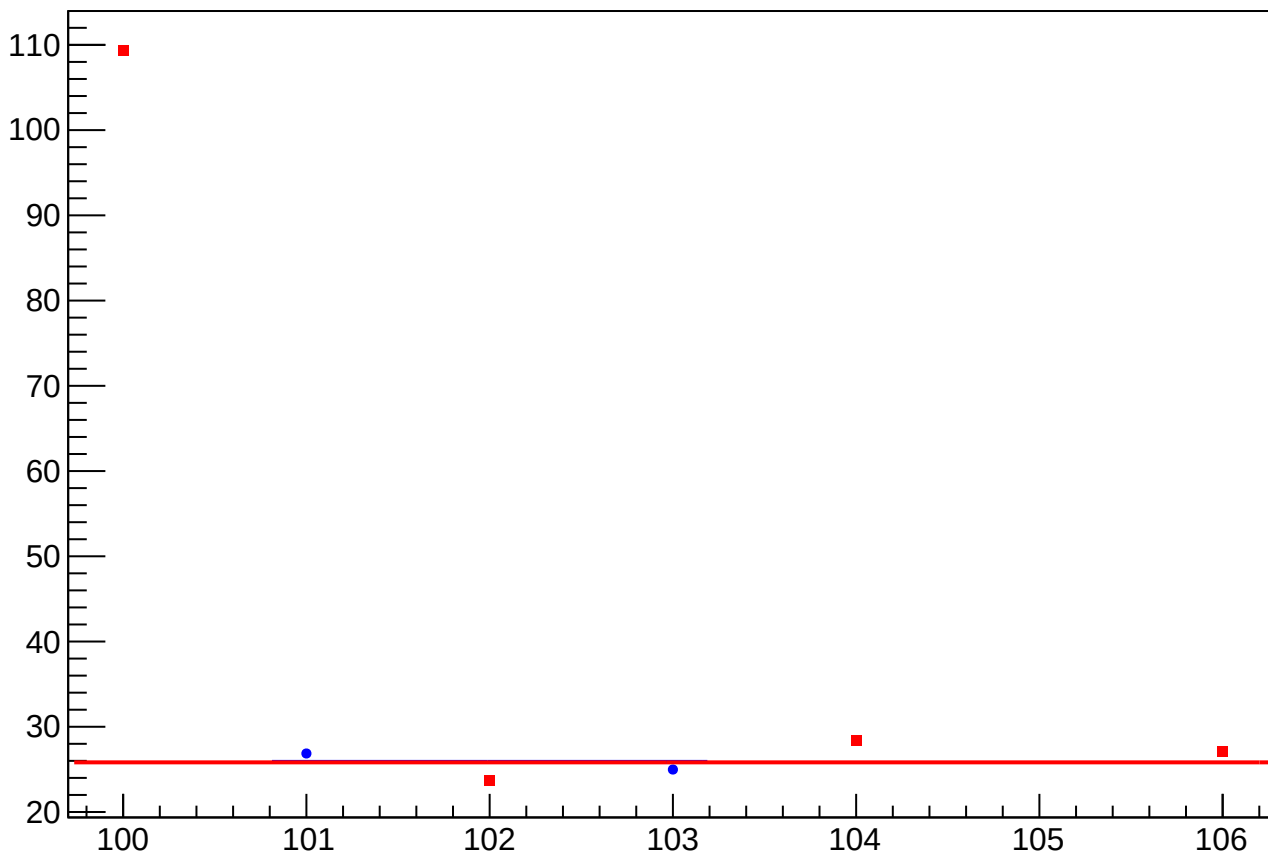
Right: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

In: 0.000 $\pm$ 0.023 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878+/-0.017 χ^2/NDF : 3202.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.824+/-0.016 χ^2/NDF : 103070.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

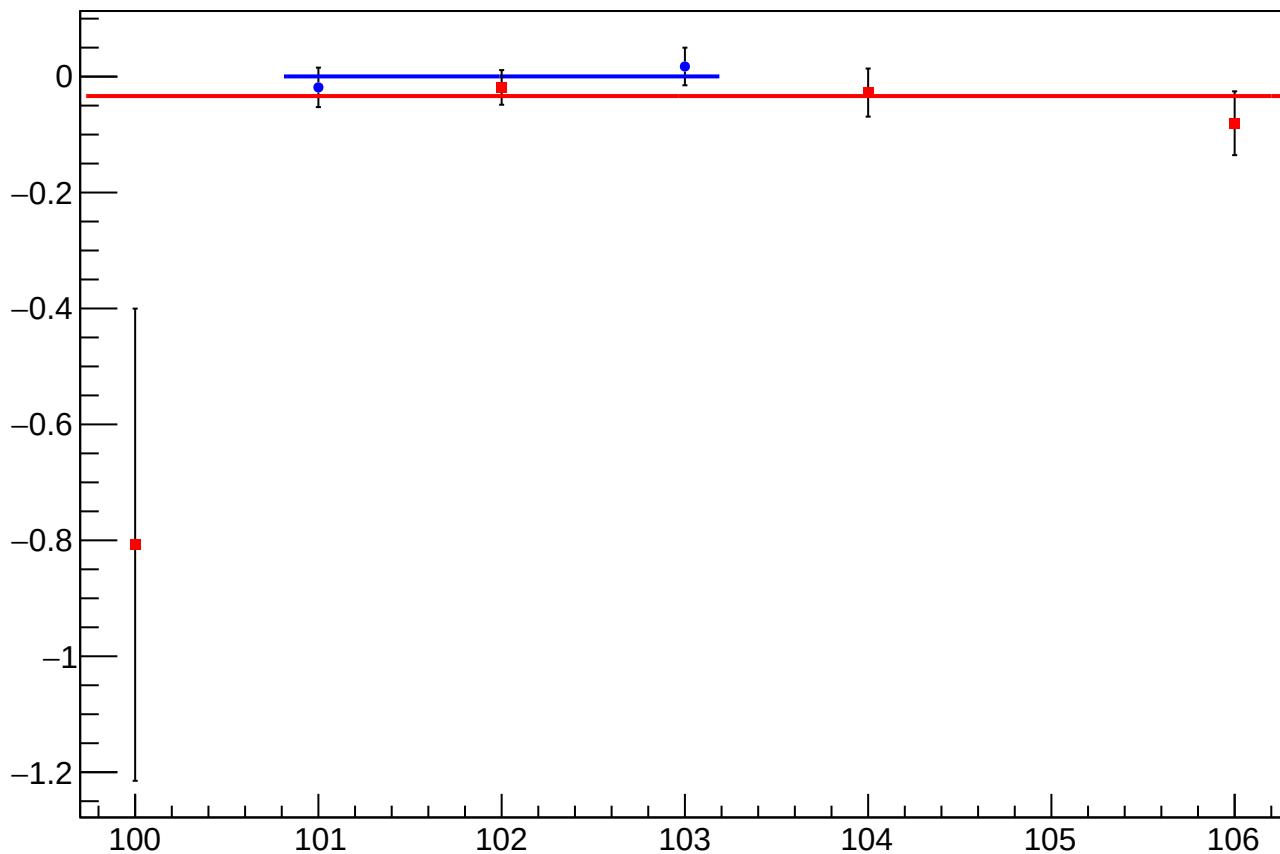
Right: 25.849+/-0.011 χ^2/NDF : 106278.5/5

In: 25.878+/-0.017 χ^2/NDF : 3202.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.849+/-0.011 χ^2/NDF : 106278.5/5

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.022 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

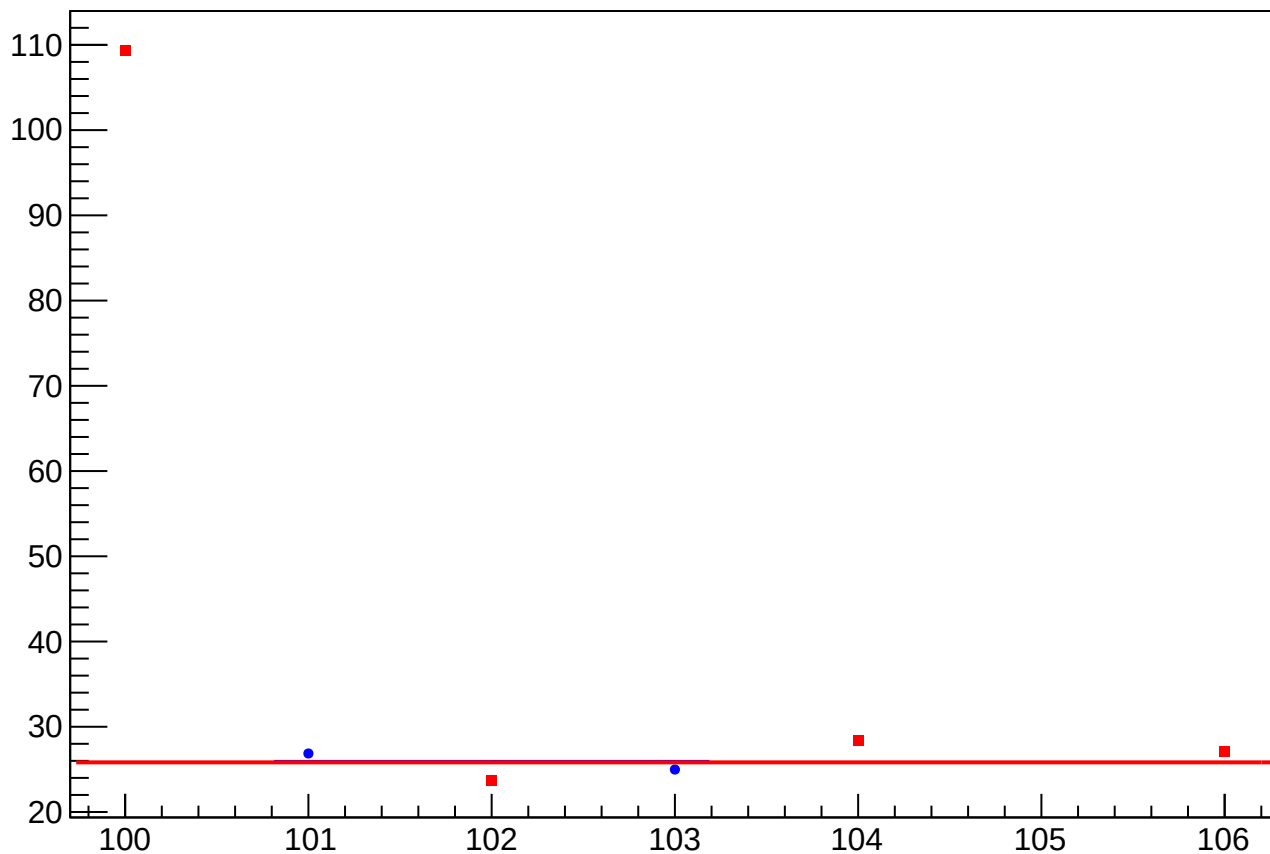
Right: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

In: 0.000 $\pm$ 0.023 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878+/-0.017 χ^2/NDF : 3202.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.824+/-0.016 χ^2/NDF : 103070.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

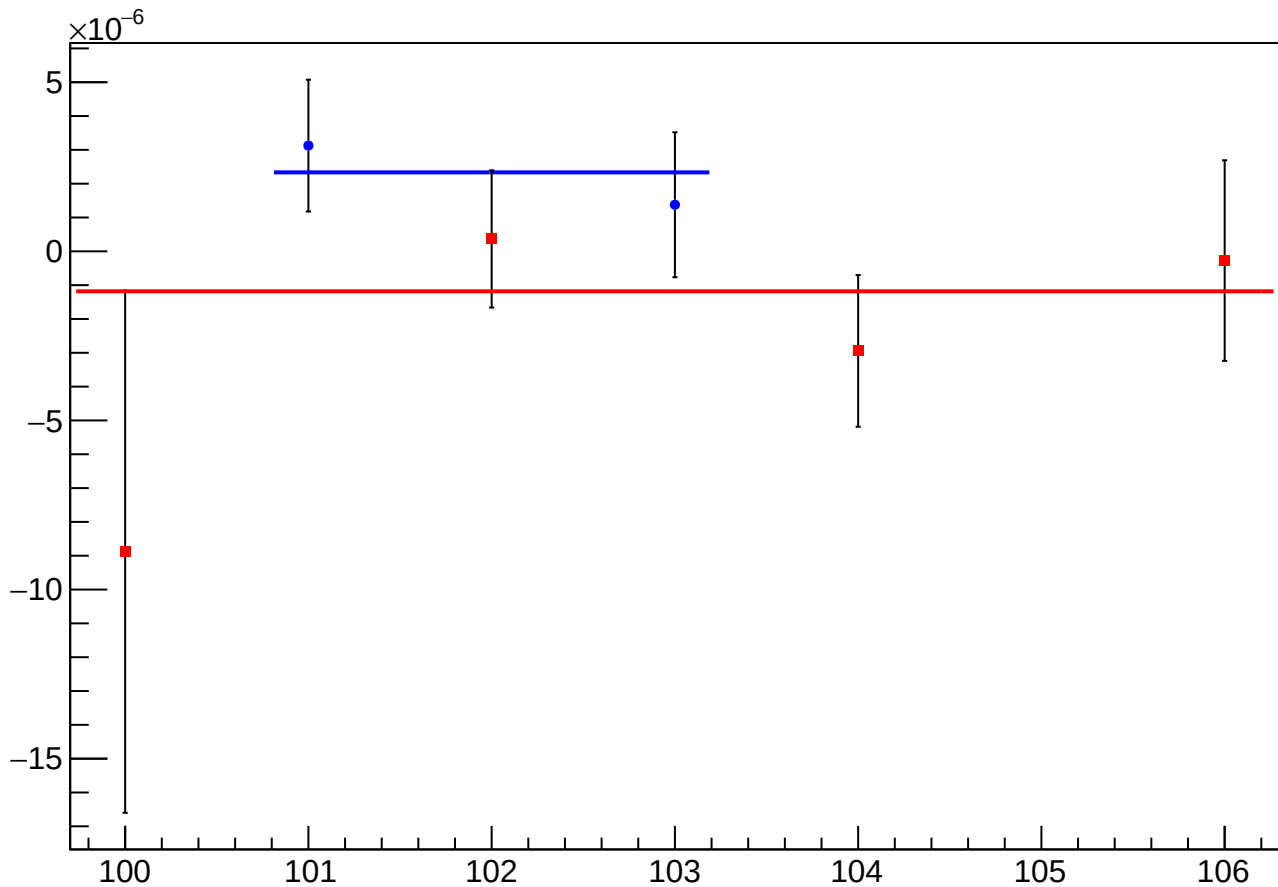
Right: 25.849+/-0.011 χ^2/NDF : 106278.5/5

In: 25.878+/-0.017 χ^2/NDF : 3202.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.849+/-0.011 χ^2/NDF : 106278.5/5

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

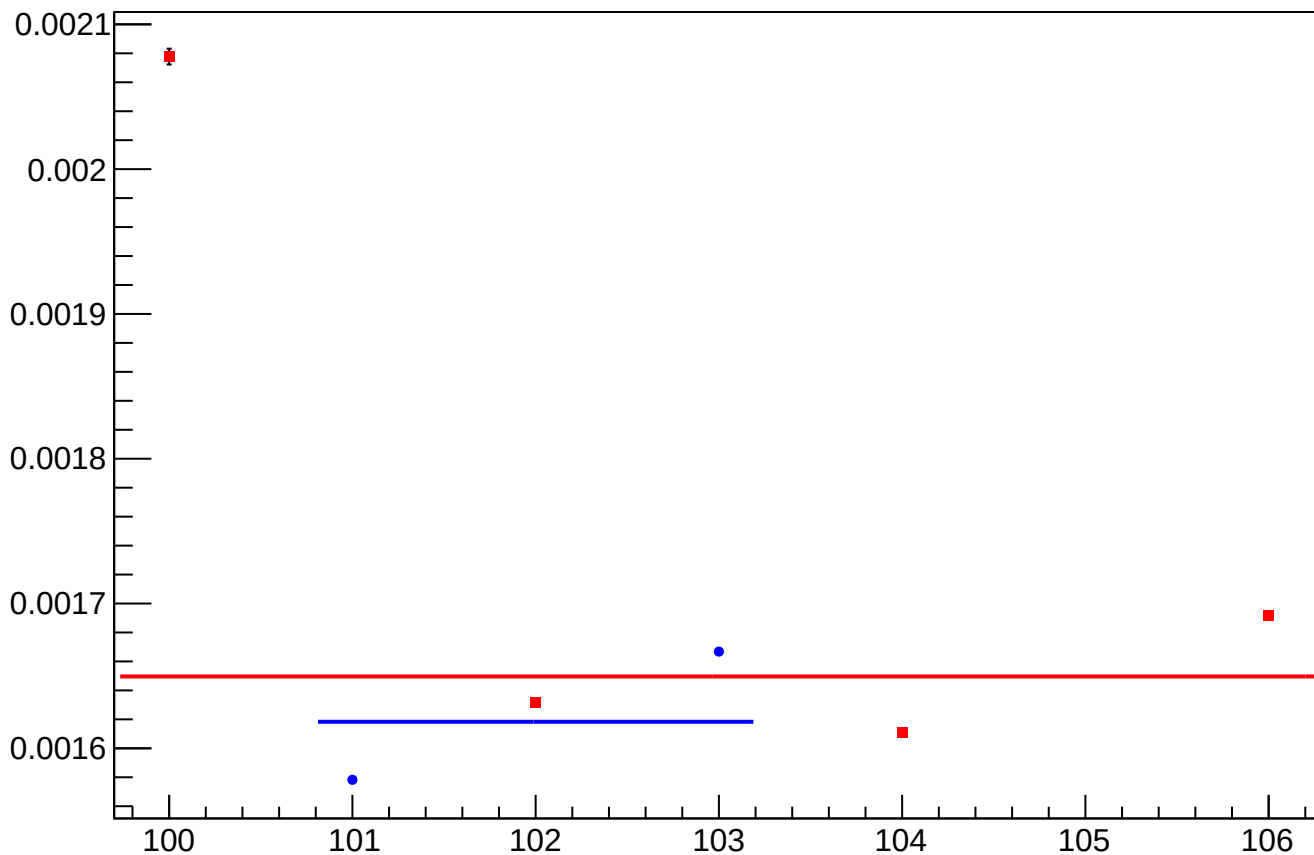
Right: 0.000+/-0.000 χ^2/NDF : 5.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.9/5

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1868.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 7289.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

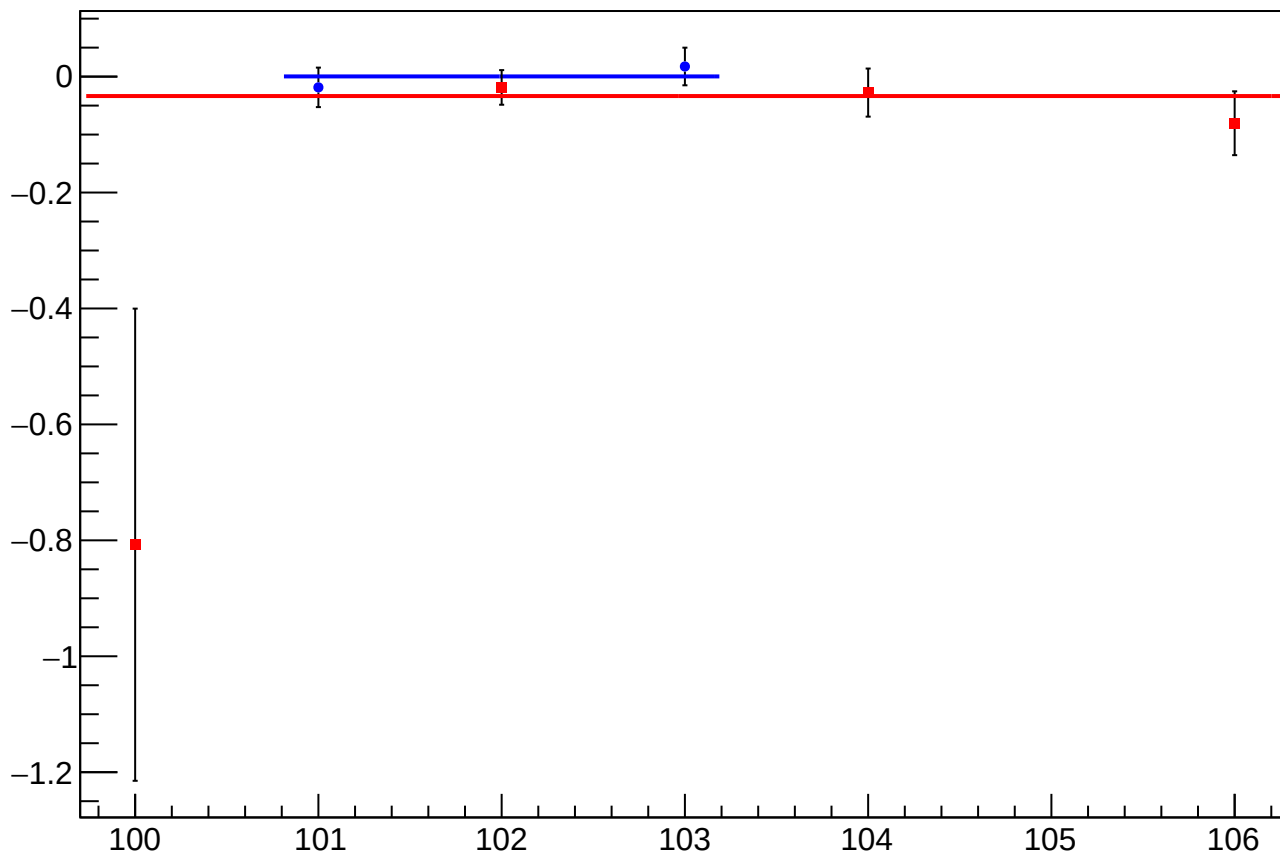
Right: 0.002+/-0.000 χ^2/NDF : 9670.3/5

In: 0.002+/-0.000 χ^2/NDF : 1868.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9670.3/5

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.022 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

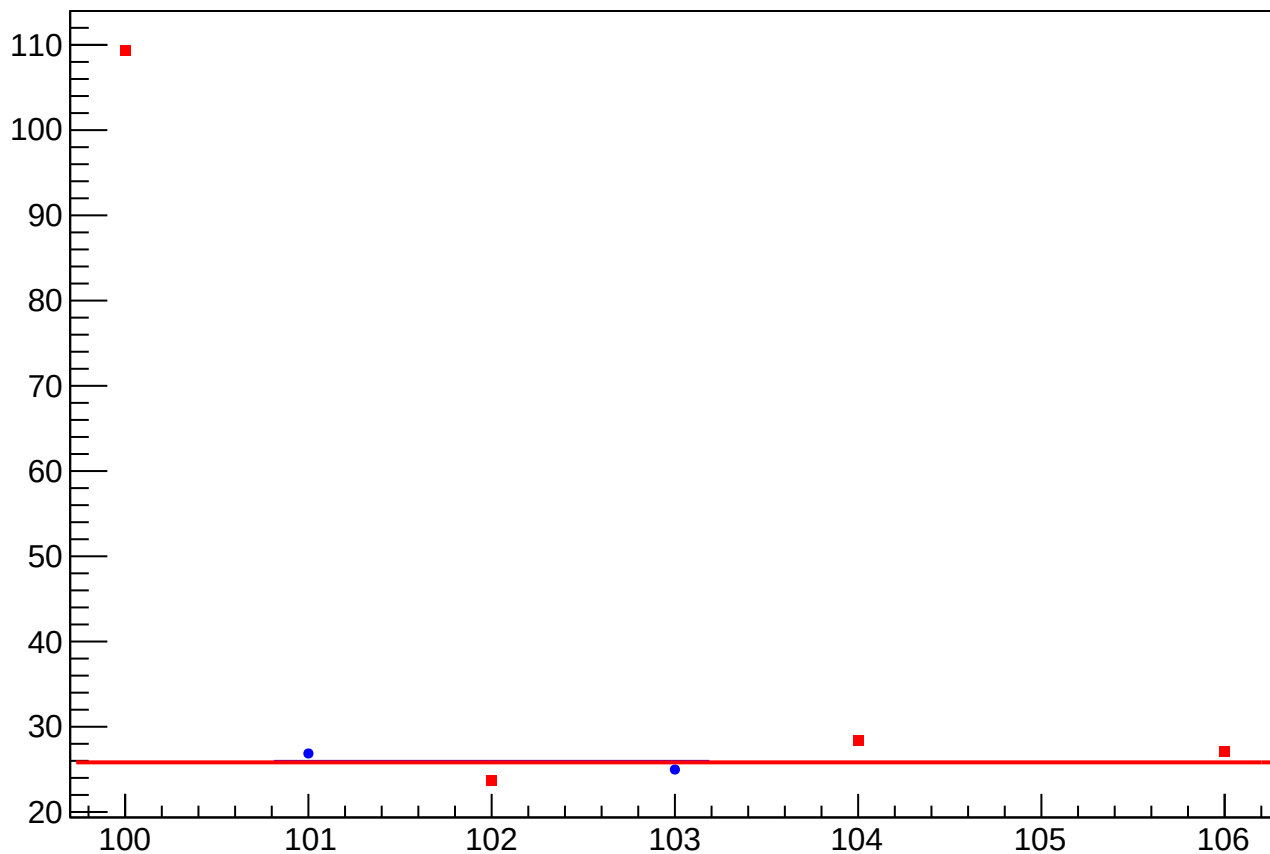
Right: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

In: 0.000 $\pm$ 0.023 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.823+/-0.016 χ^2/NDF : 103071.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

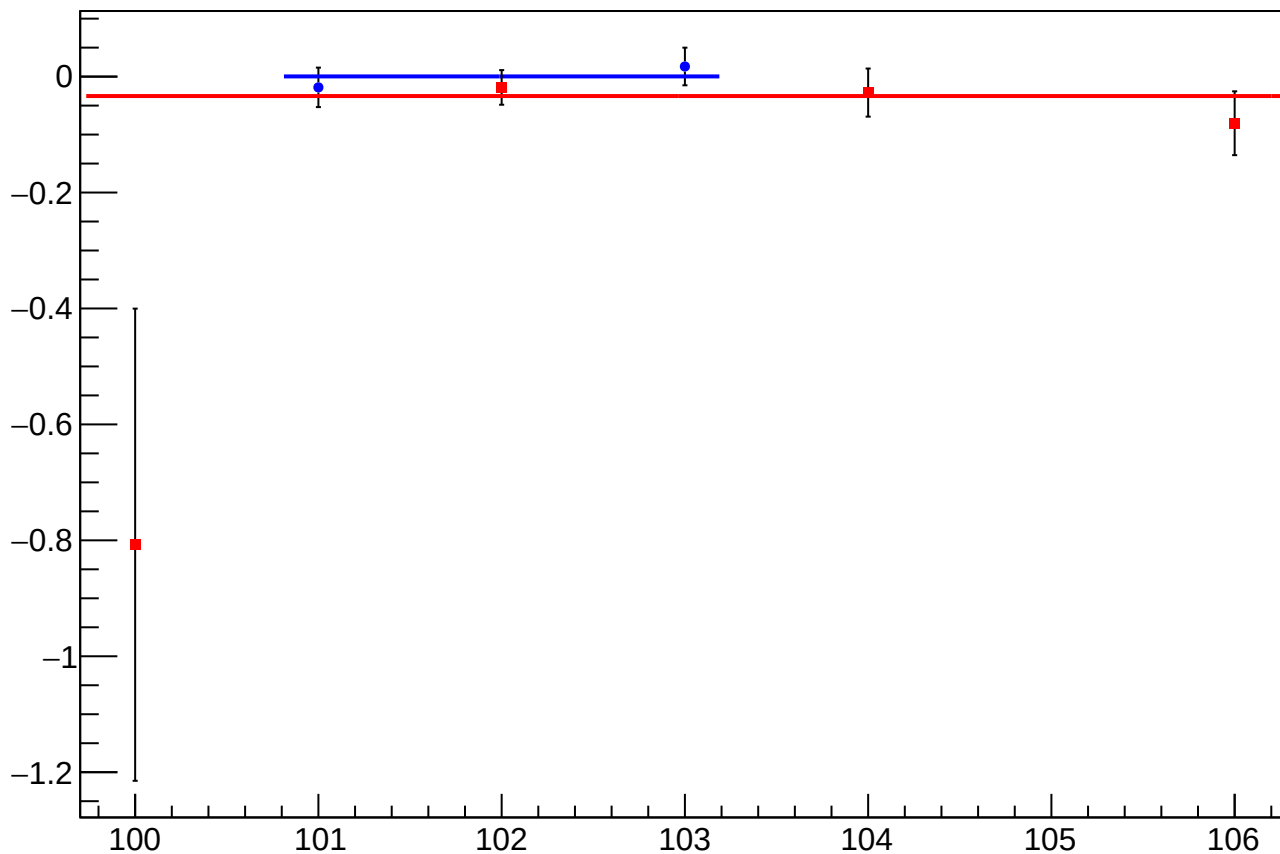
Right: 25.849+/-0.011 χ^2/NDF : 106283.8/5

In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.849+/-0.011 χ^2/NDF : 106283.8/5

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.023 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.034 $\pm$ 0.022 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

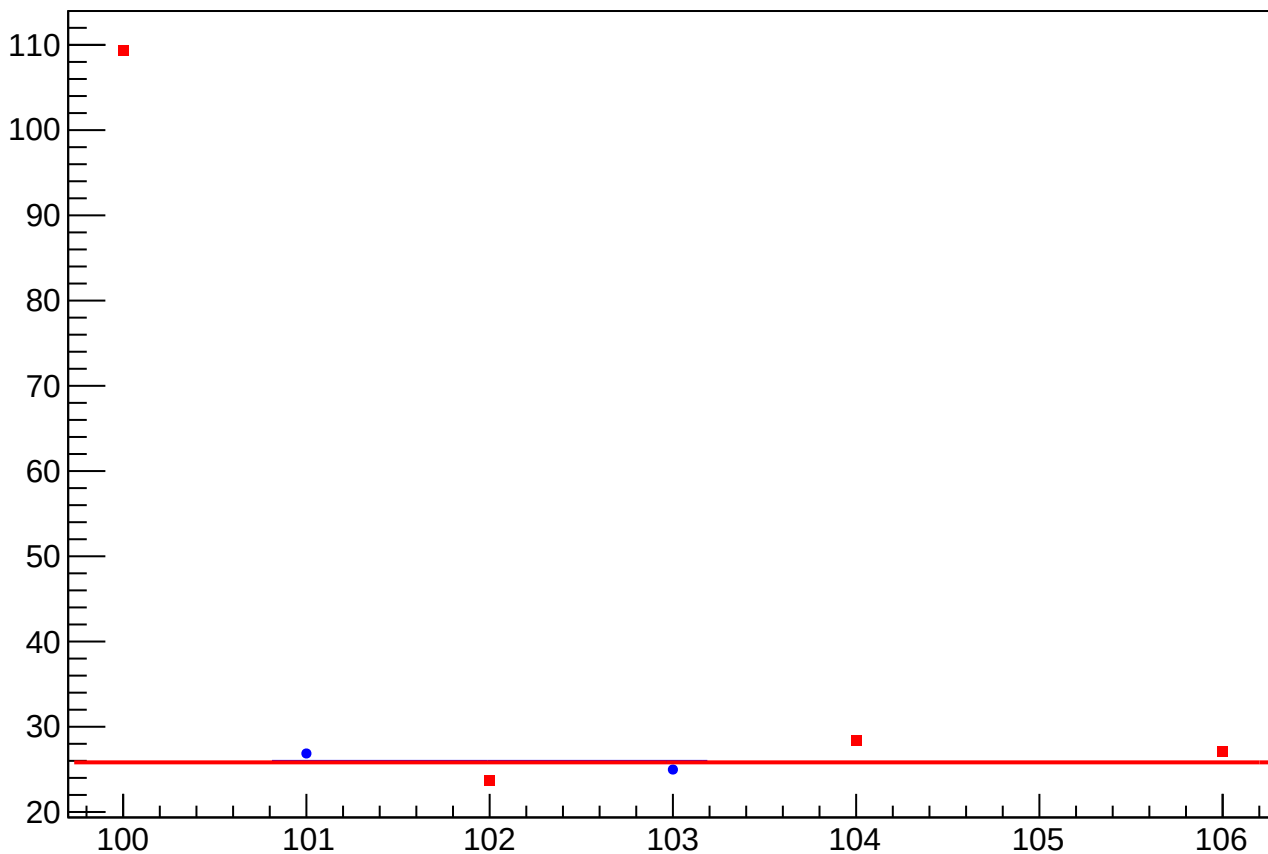
Right: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

In: 0.000 $\pm$ 0.023 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.016 χ^2 /NDF: 6.3/5

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.823+/-0.016 χ^2/NDF : 103071.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

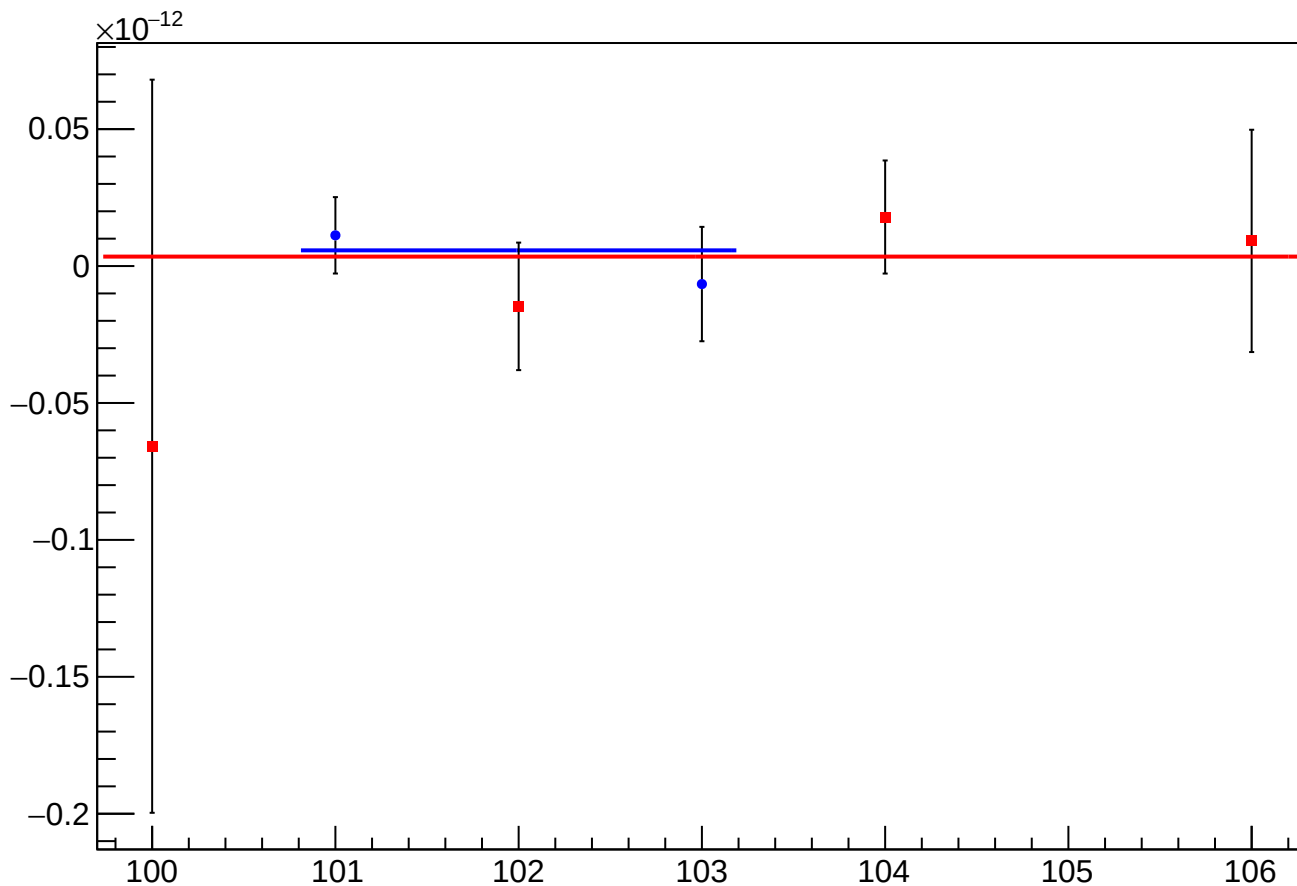
Right: 25.849+/-0.011 χ^2/NDF : 106283.8/5

In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.849+/-0.011 χ^2/NDF : 106283.8/5

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

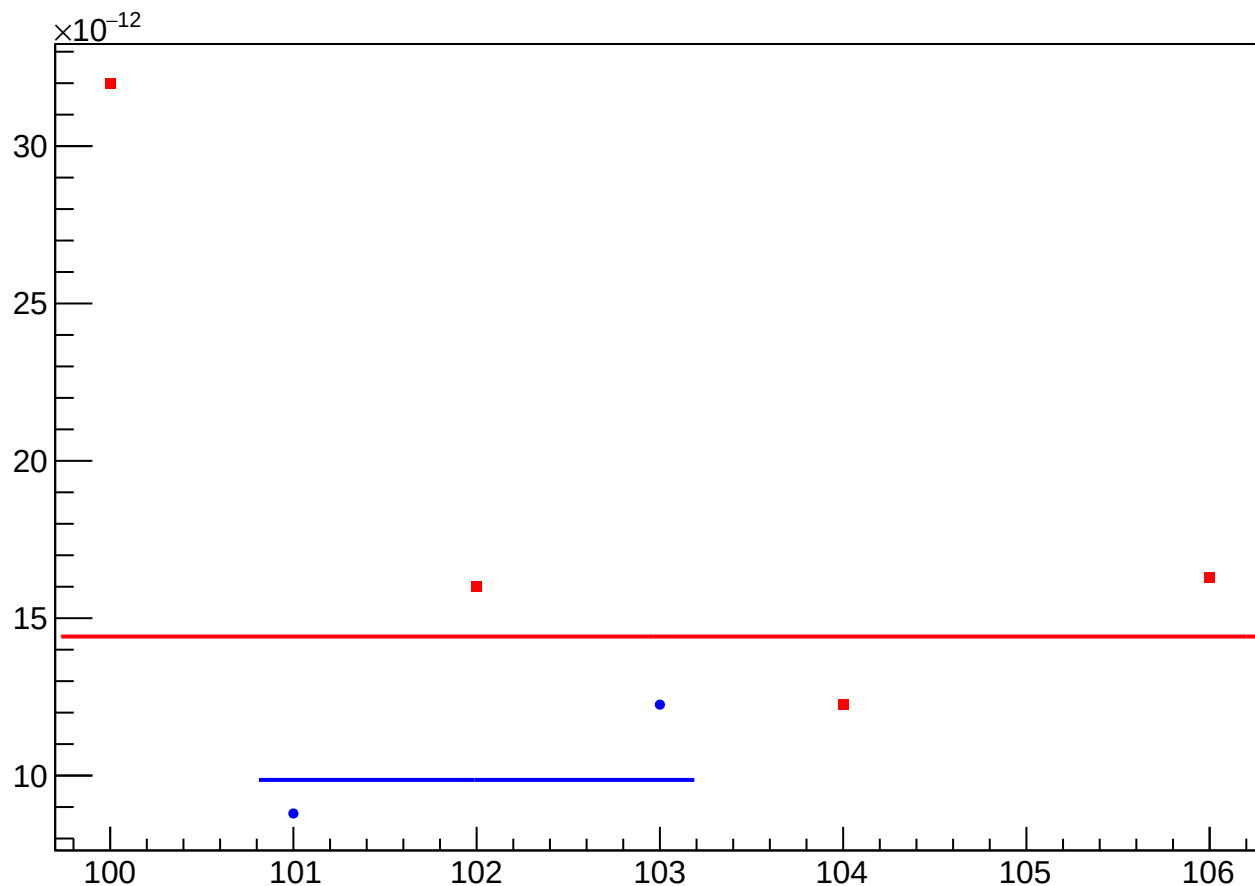
Right: 0.000+/-0.000 χ^2/NDF : 1.9/5

In: 0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.9/5

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 37928.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 70074.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

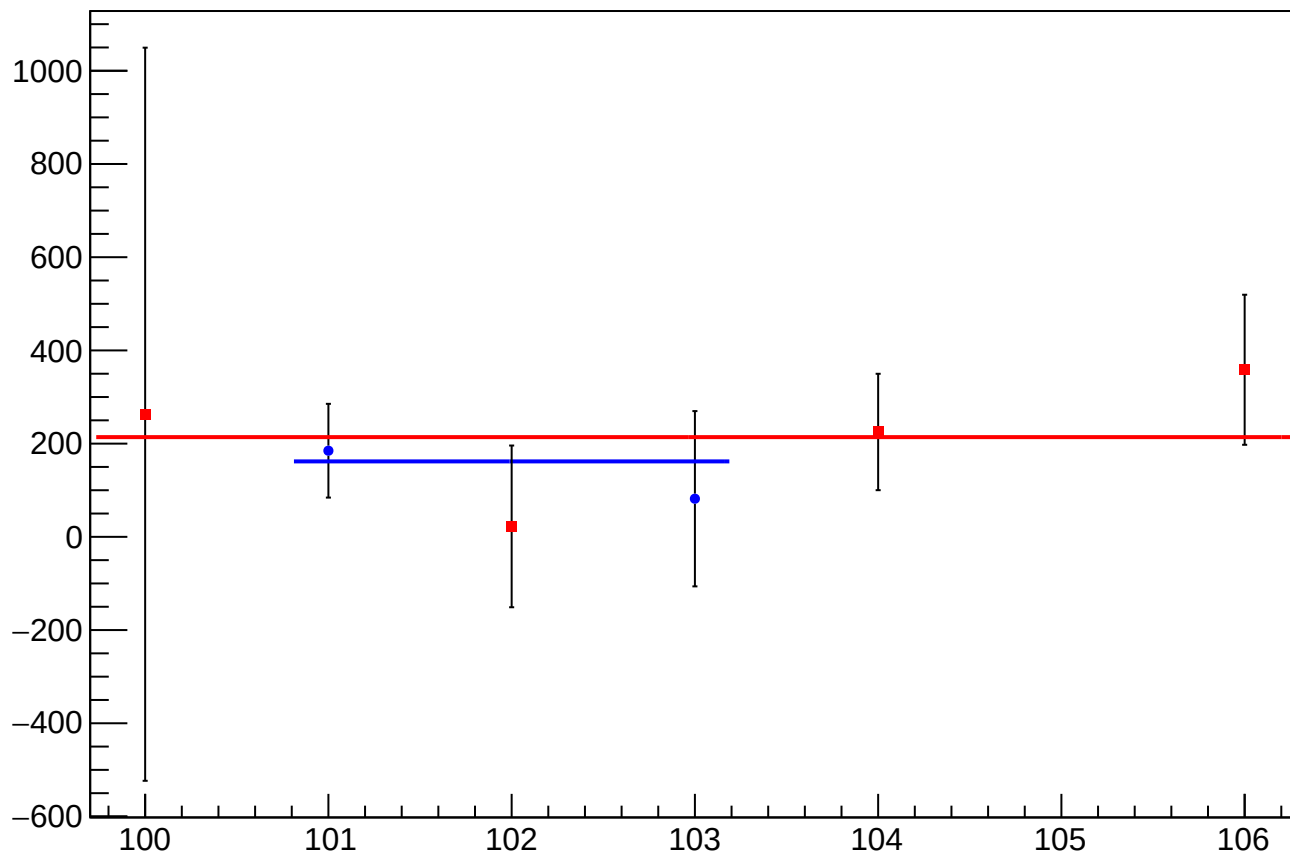
Right: 0.000+/-0.000 χ^2/NDF : 229885.0/5

In: 0.000+/-0.000 χ^2/NDF : 37928.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 229885.0/5

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.880 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 213.964 $\pm$ 85.262 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

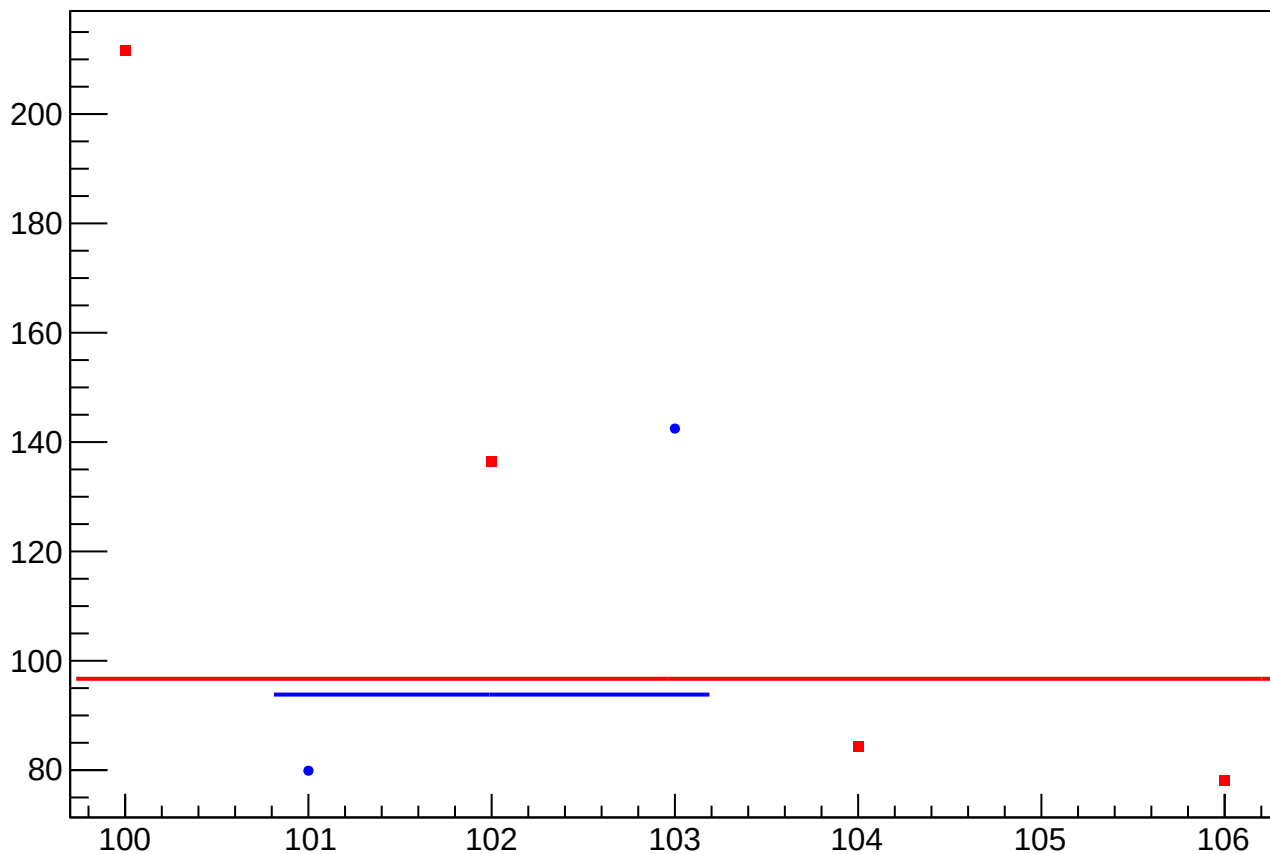
Right: 188.948 $\pm$ 61.465 χ^2 /NDF: 2.4/5

In: 161.880 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.948 $\pm$ 61.465 χ^2 /NDF: 2.4/5

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172200.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.709+/-0.060 χ^2/NDF : 193420.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

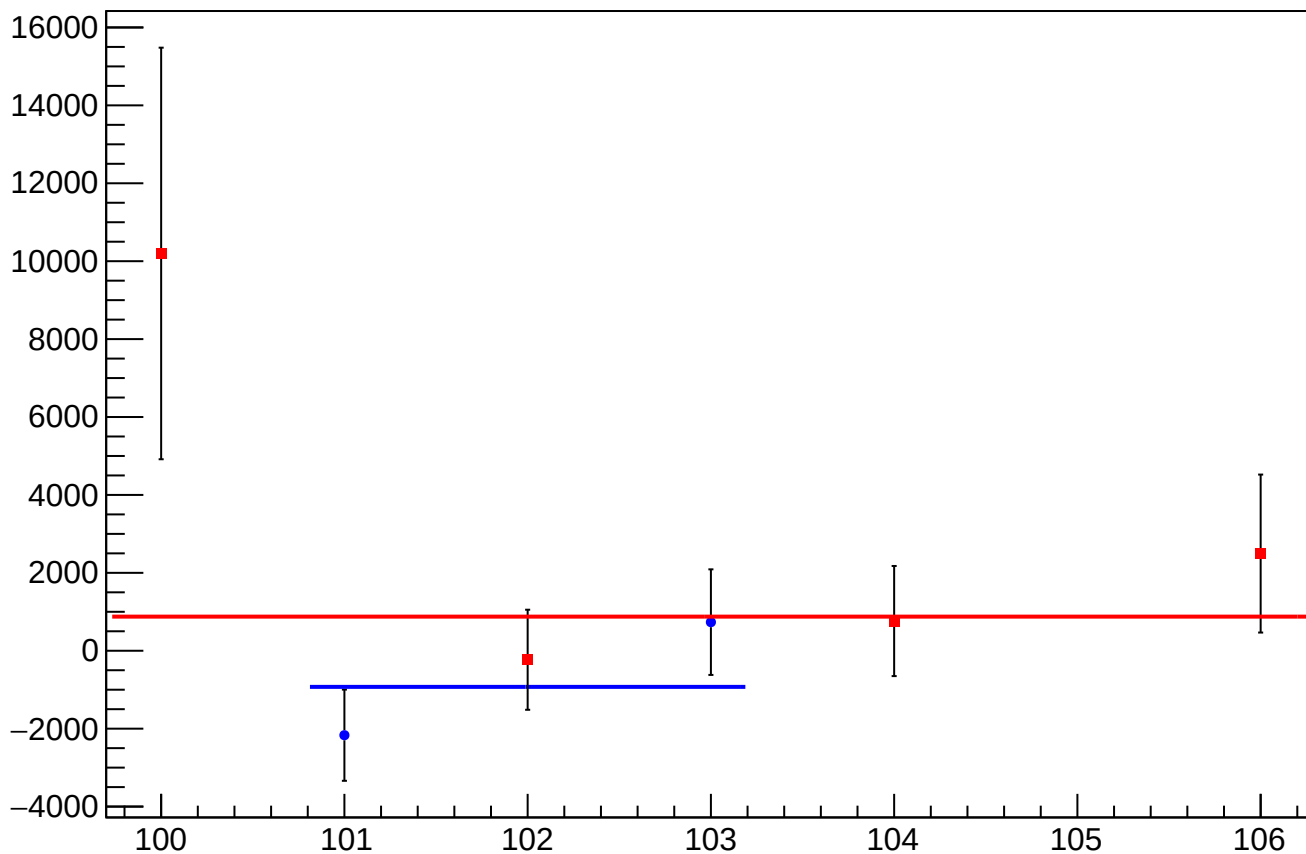
Right: 95.320+/-0.043 χ^2/NDF : 366725.5/5

In: 93.818+/-0.063 χ^2/NDF : 172200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.320+/-0.043 χ^2/NDF : 366725.5/5

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -927.194+/-885.926 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 876.113+/-849.455 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

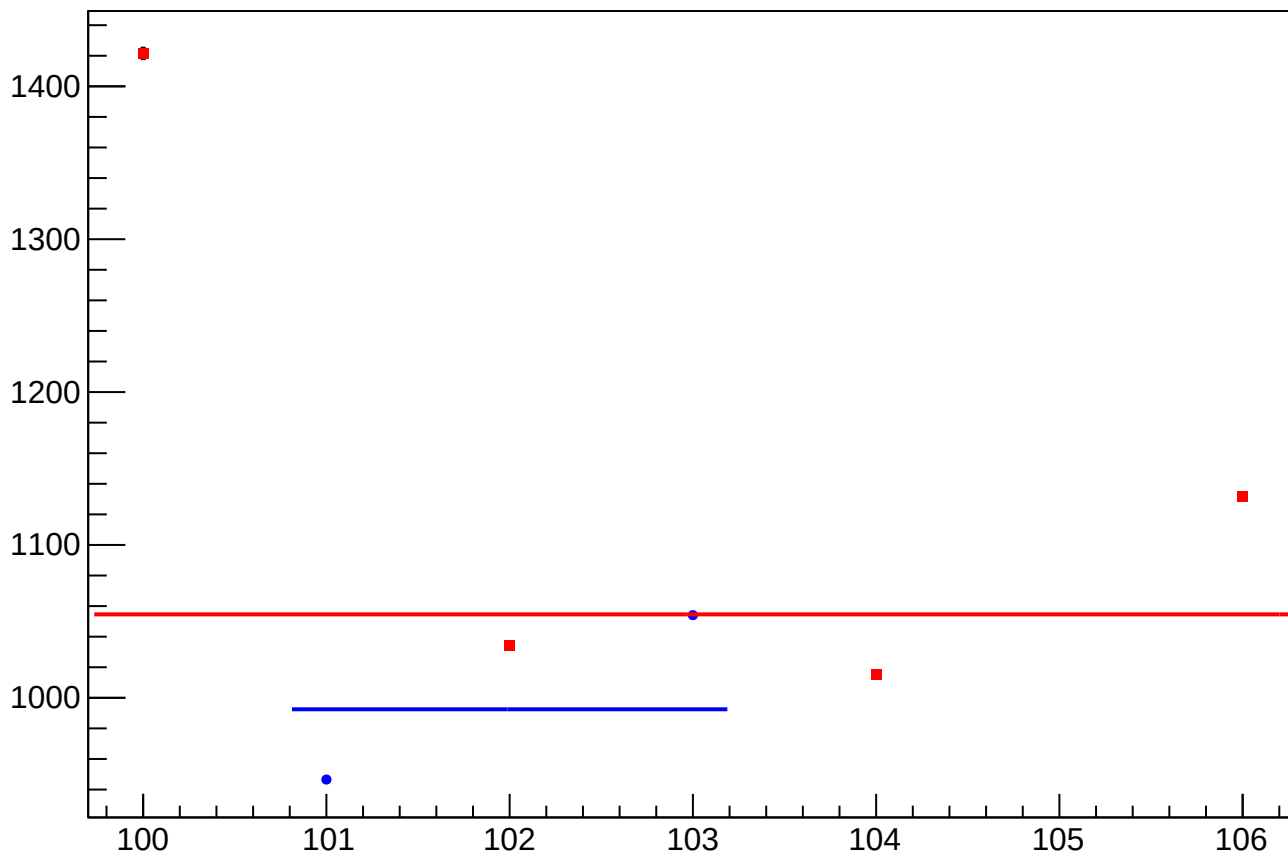
Right: 12.341+/-613.144 χ^2/NDF : 9.3/5

In: -927.194+/-885.926 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.341+/-613.144 χ^2/NDF : 9.3/5

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 992.505+/-0.626 χ^2/NDF : 7210.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.588+/-0.601 χ^2/NDF : 14616.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

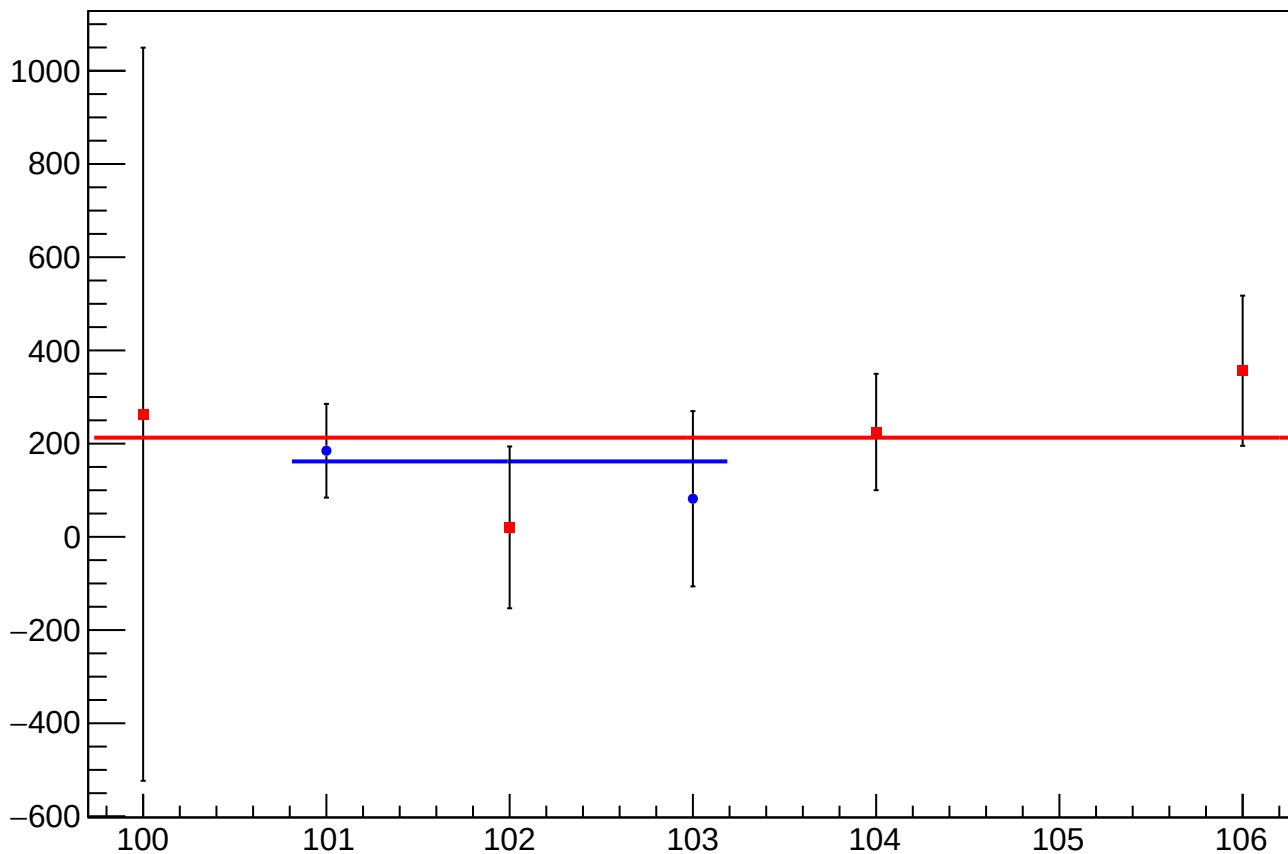
Right: 1024.851+/-0.434 χ^2/NDF : 26944.0/5

In: 992.505+/-0.626 χ^2/NDF : 7210.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1024.851+/-0.434 χ^2/NDF : 26944.0/5

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.803 $\pm$ 85.298 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

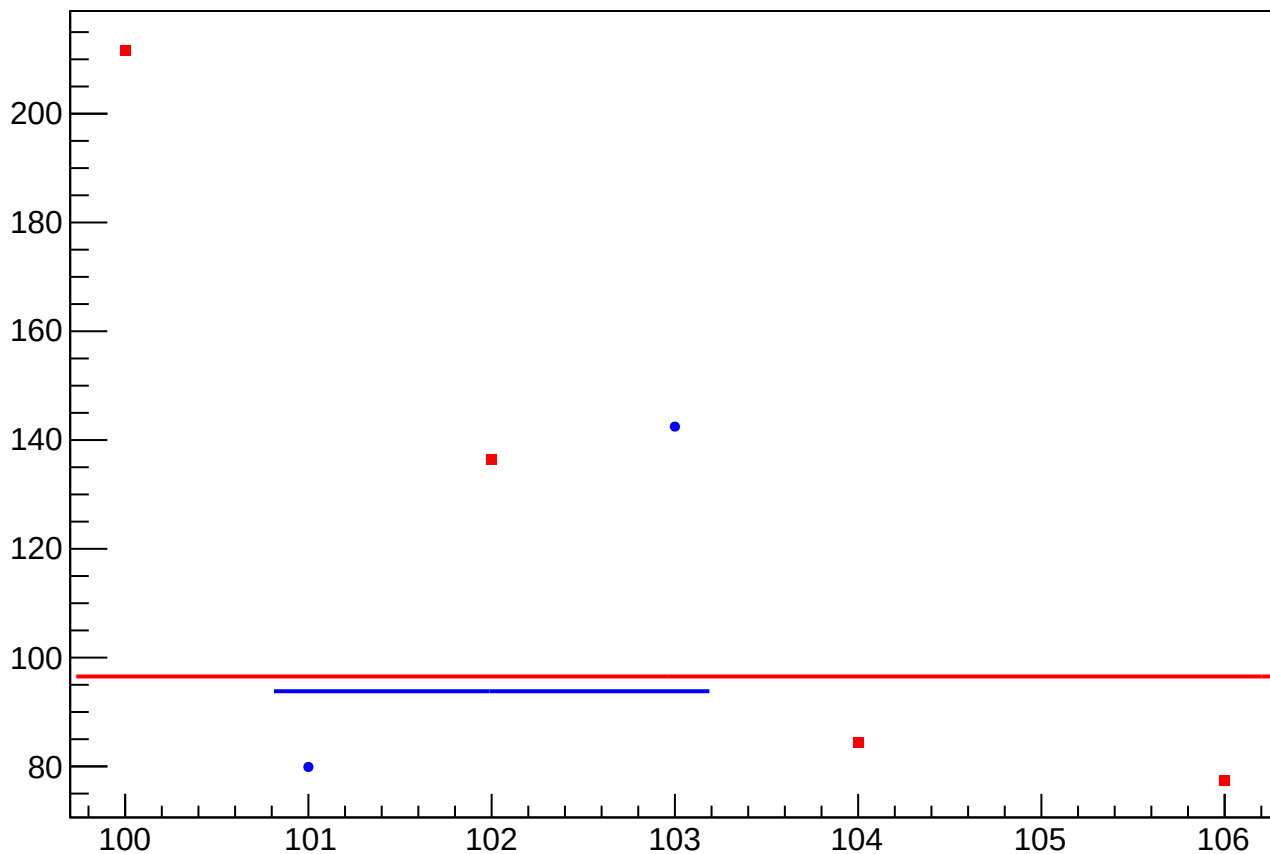
Right: 188.325 $\pm$ 61.478 χ^2 /NDF: 2.4/5

In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.325 $\pm$ 61.478 χ^2 /NDF: 2.4/5

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.531+/-0.060 χ^2/NDF : 195624.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

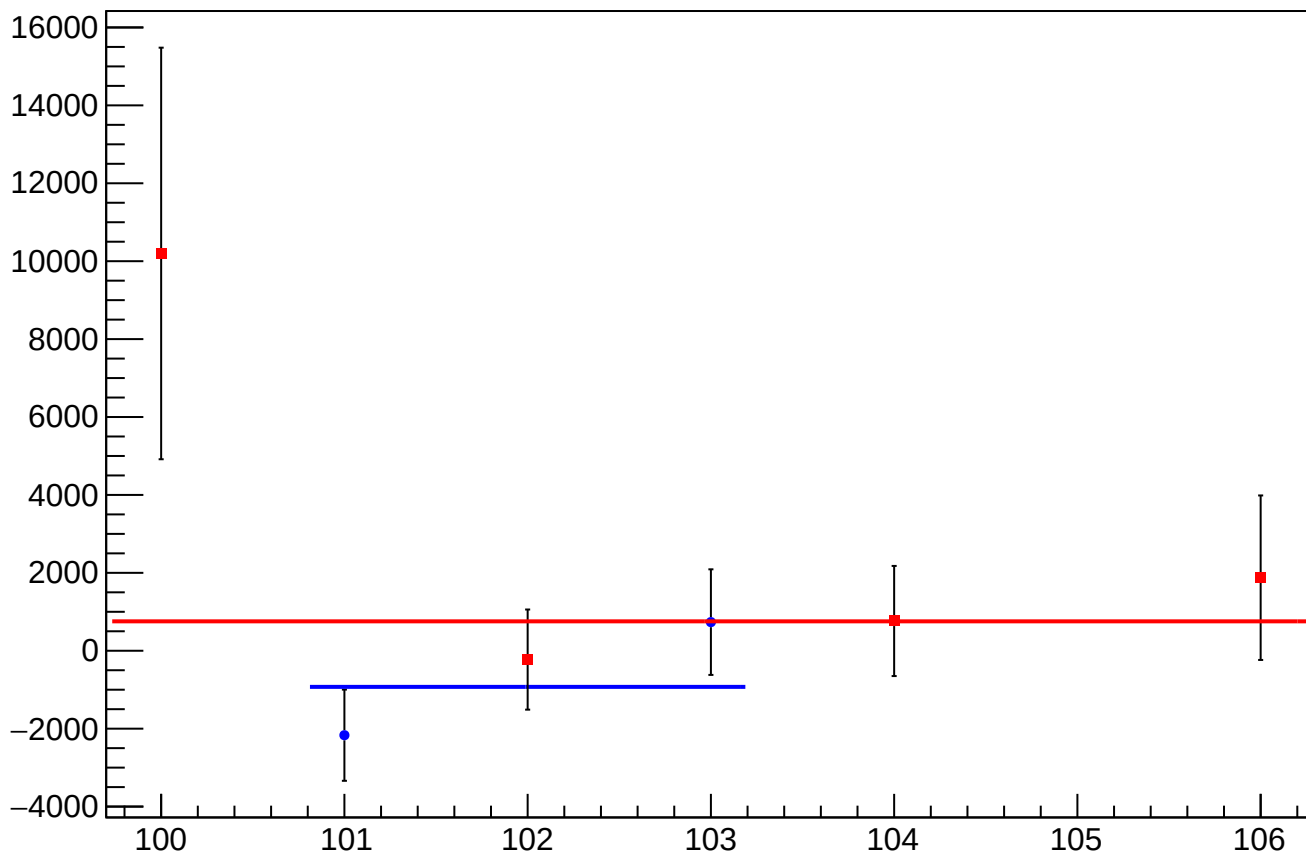
Right: 95.227+/-0.043 χ^2/NDF : 368800.3/5

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.227+/-0.043 χ^2/NDF : 368800.3/5

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.975+/-855.579 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

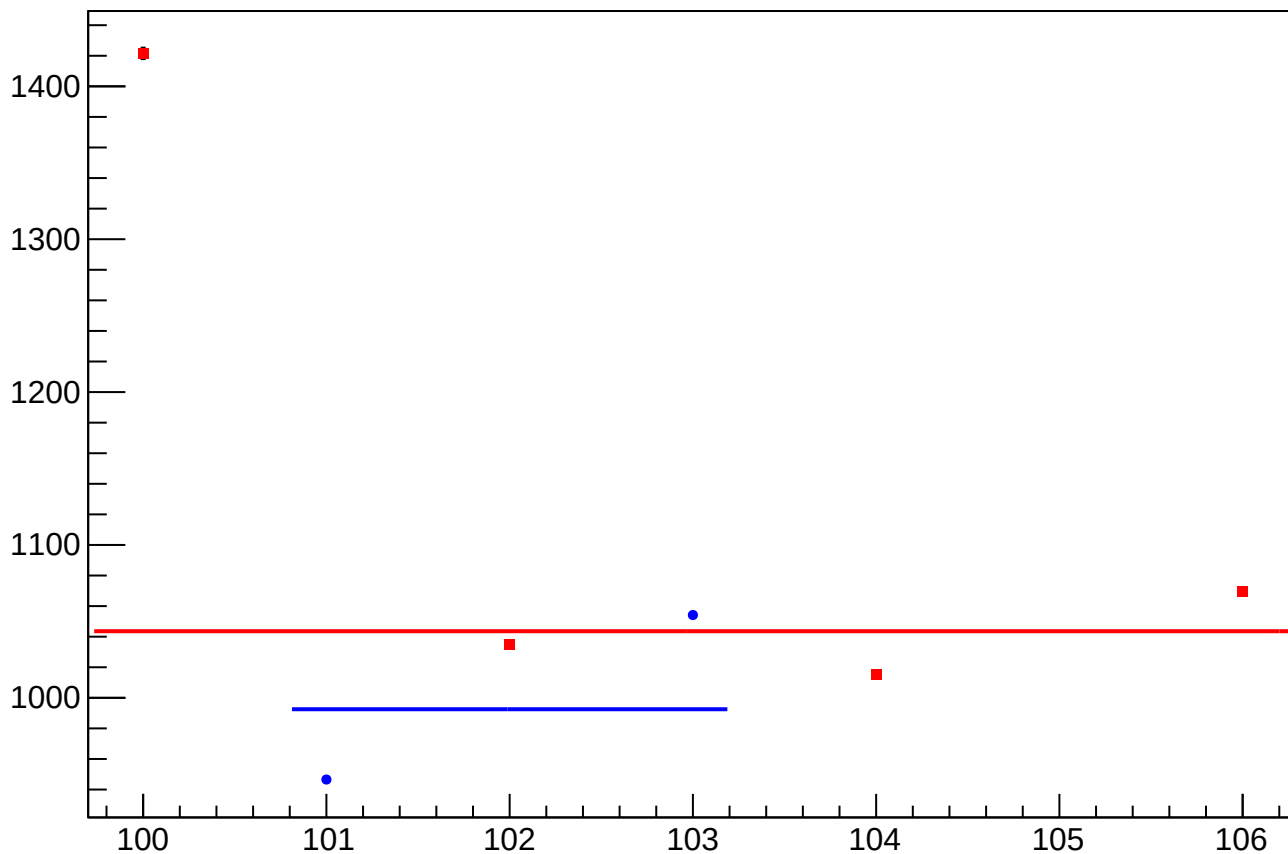
Right: -56.716+/-615.445 χ^2/NDF : 8.6/5

In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.716+/-615.445 χ^2/NDF : 8.6/5

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1043.571+/-0.605 χ^2/NDF : 11428.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

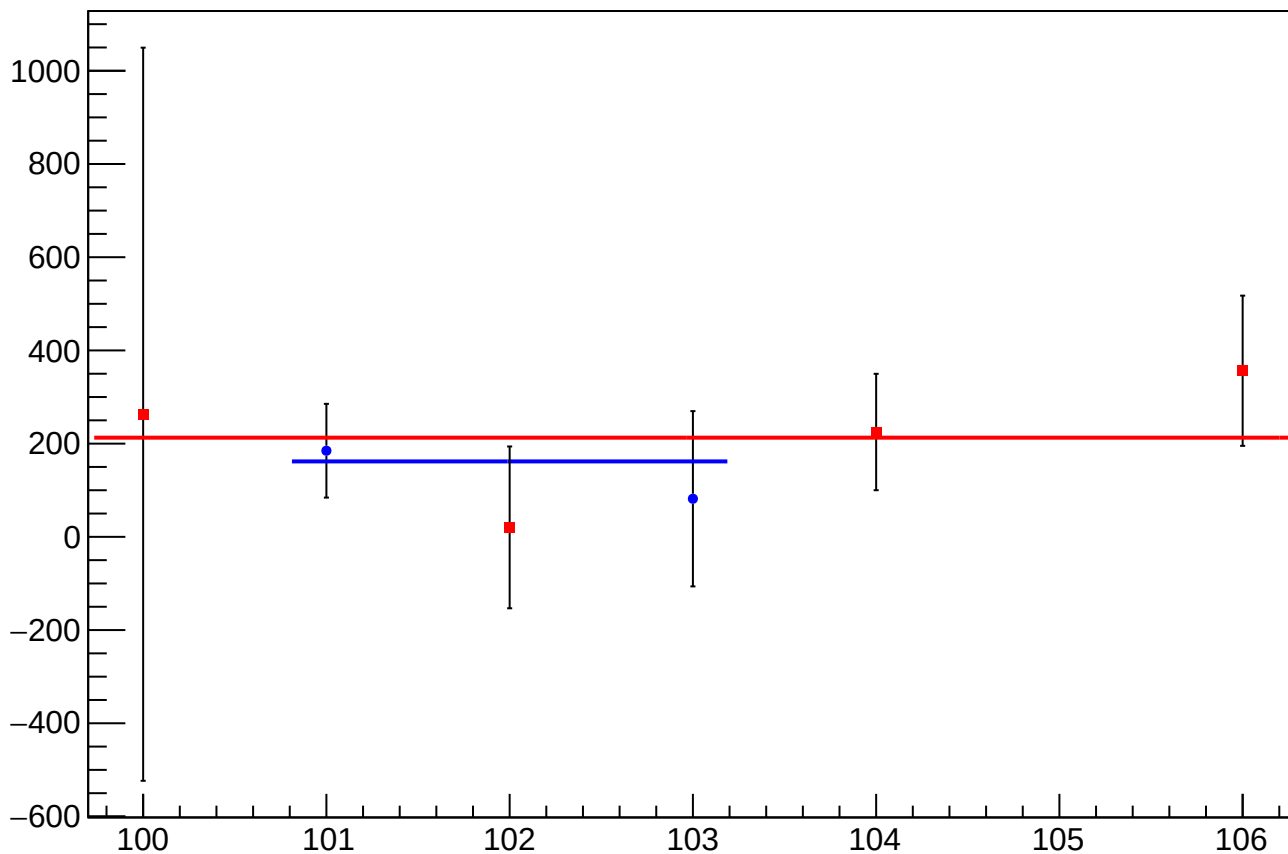
Right: 1018.944+/-0.435 χ^2/NDF : 22083.5/5

In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1018.944+/-0.435 χ^2/NDF : 22083.5/5

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.803 $\pm$ 85.298 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

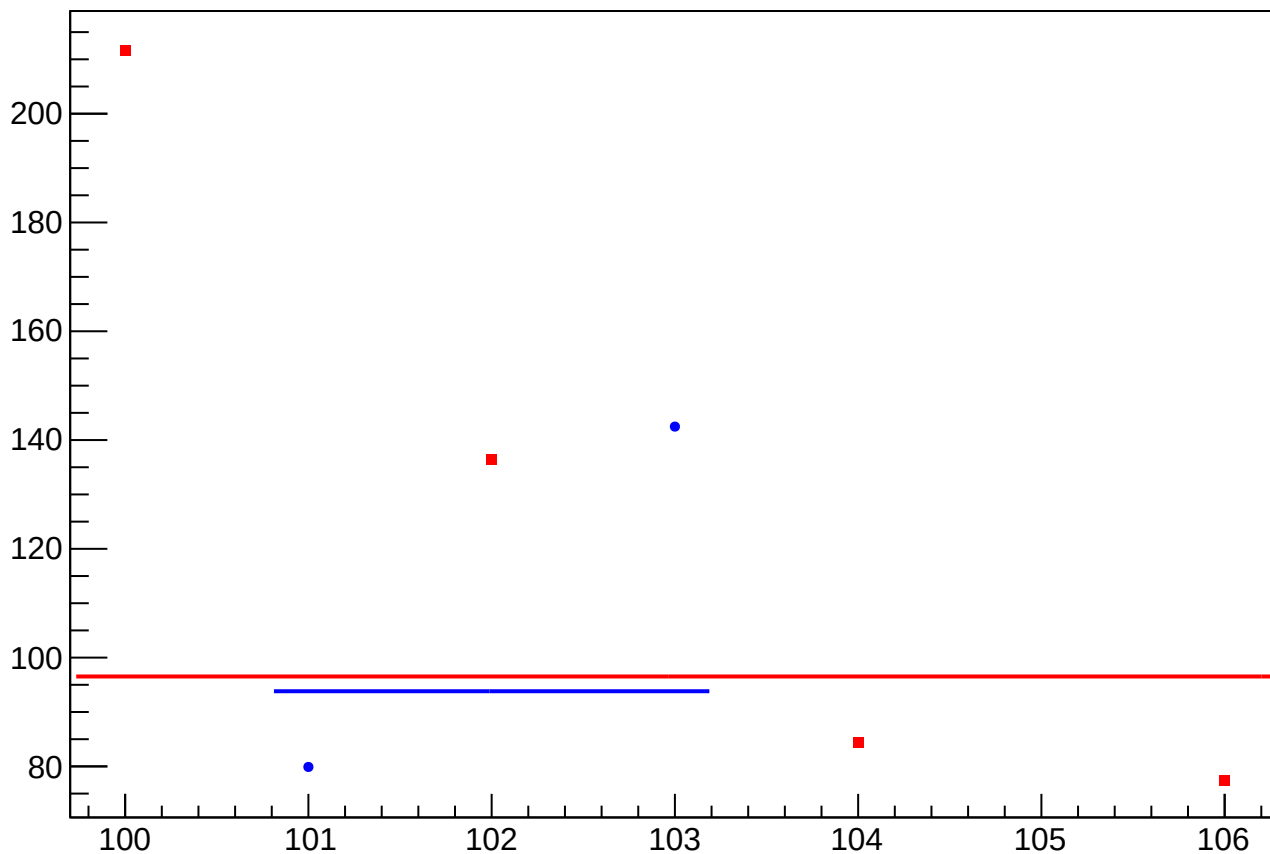
Right: 188.325 $\pm$ 61.478 χ^2 /NDF: 2.4/5

In: 161.862 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.325 $\pm$ 61.478 χ^2 /NDF: 2.4/5

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.531+/-0.060 χ^2/NDF : 195624.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

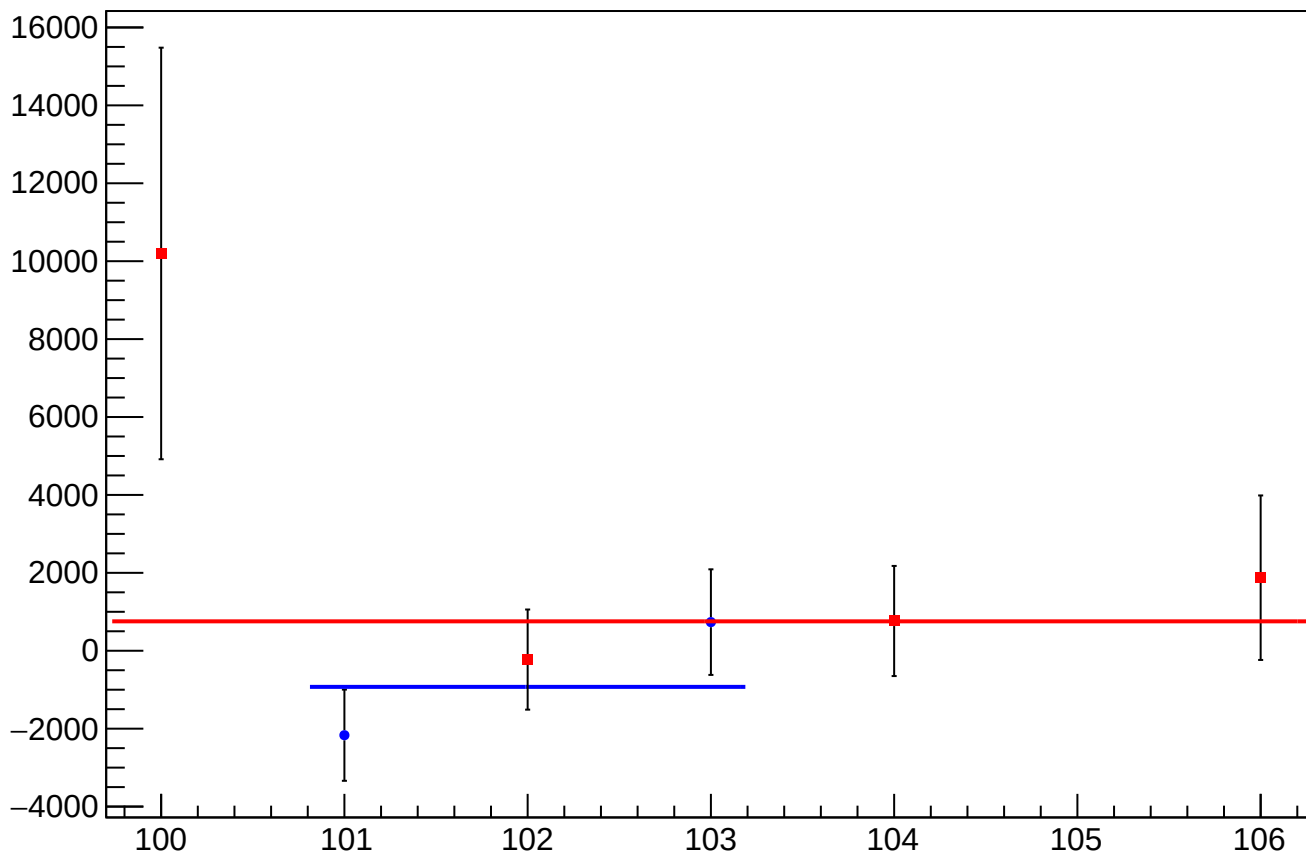
Right: 95.227+/-0.043 χ^2/NDF : 368800.3/5

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.227+/-0.043 χ^2/NDF : 368800.3/5

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -927.071+/-885.957 χ^2 /NDF: 2.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 754.975+/-855.579 χ^2 /NDF: 4.1/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

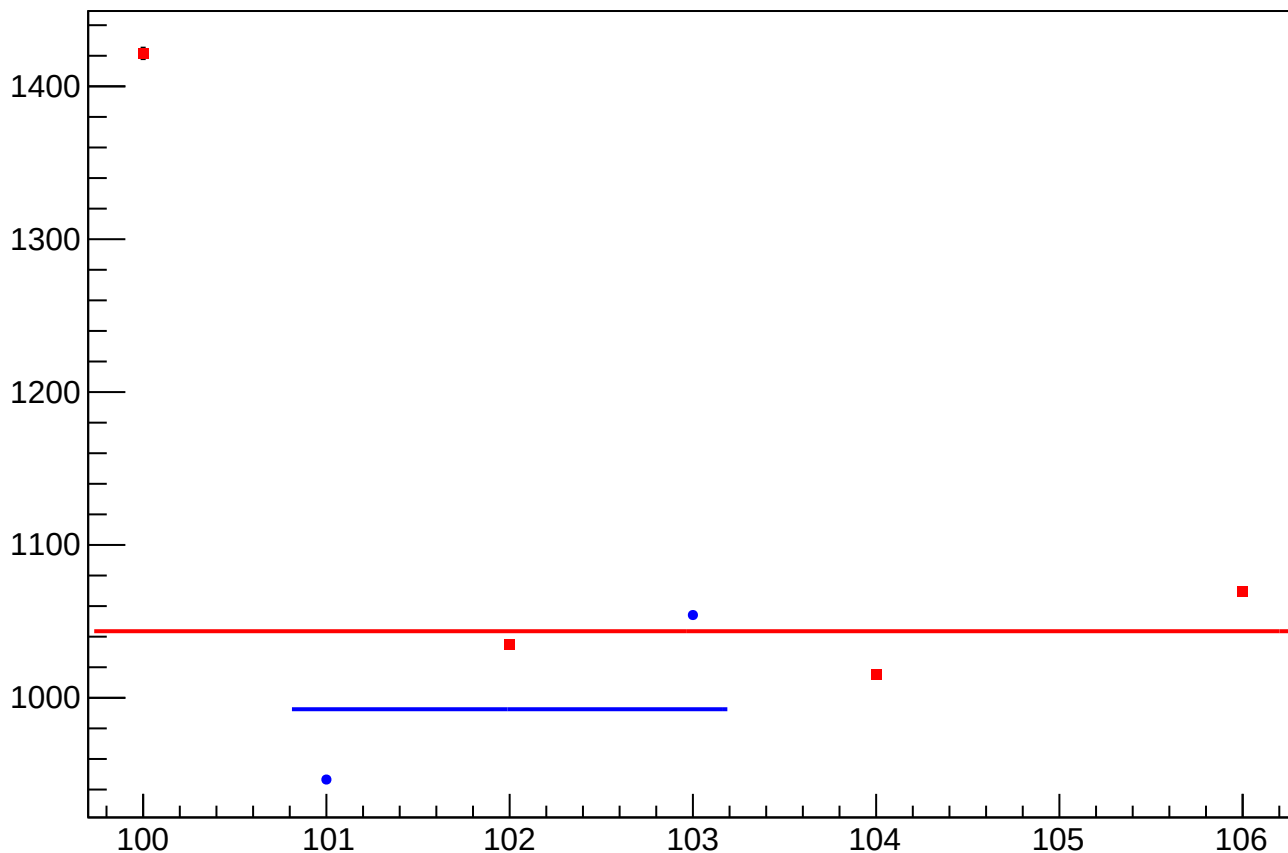
Right: -56.716+/-615.445 χ^2 /NDF: 8.6/5

In: -927.071+/-885.957 χ^2 /NDF: 2.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -56.716+/-615.445 χ^2 /NDF: 8.6/5

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.536 ± 0.626 χ^2/NDF : 7220.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1043.571 ± 0.605 χ^2/NDF : 11428.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

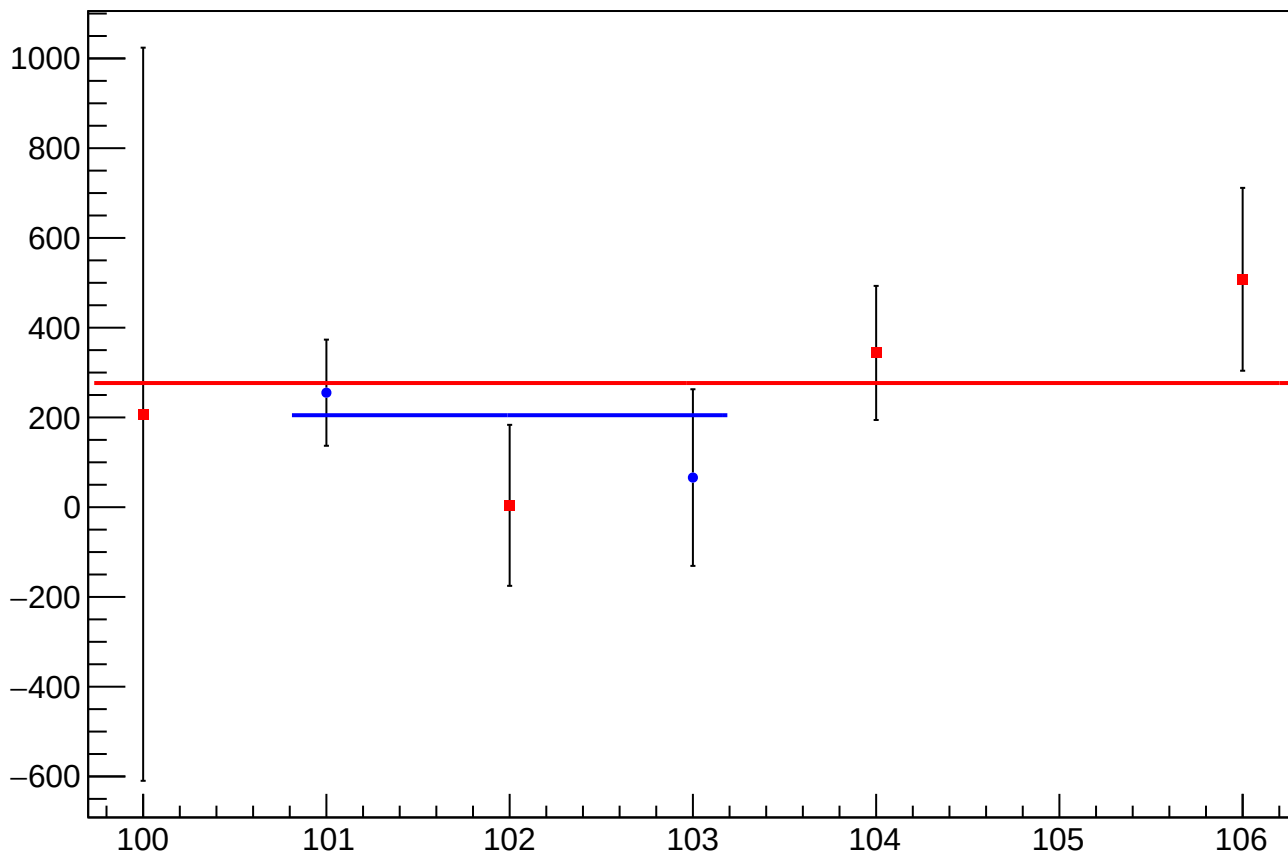
Right: 1018.944 ± 0.435 χ^2/NDF : 22083.5/5

In: 992.536 ± 0.626 χ^2/NDF : 7220.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1018.944 ± 0.435 χ^2/NDF : 22083.5/5

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 204.957+/-101.378 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.666+/-99.276 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

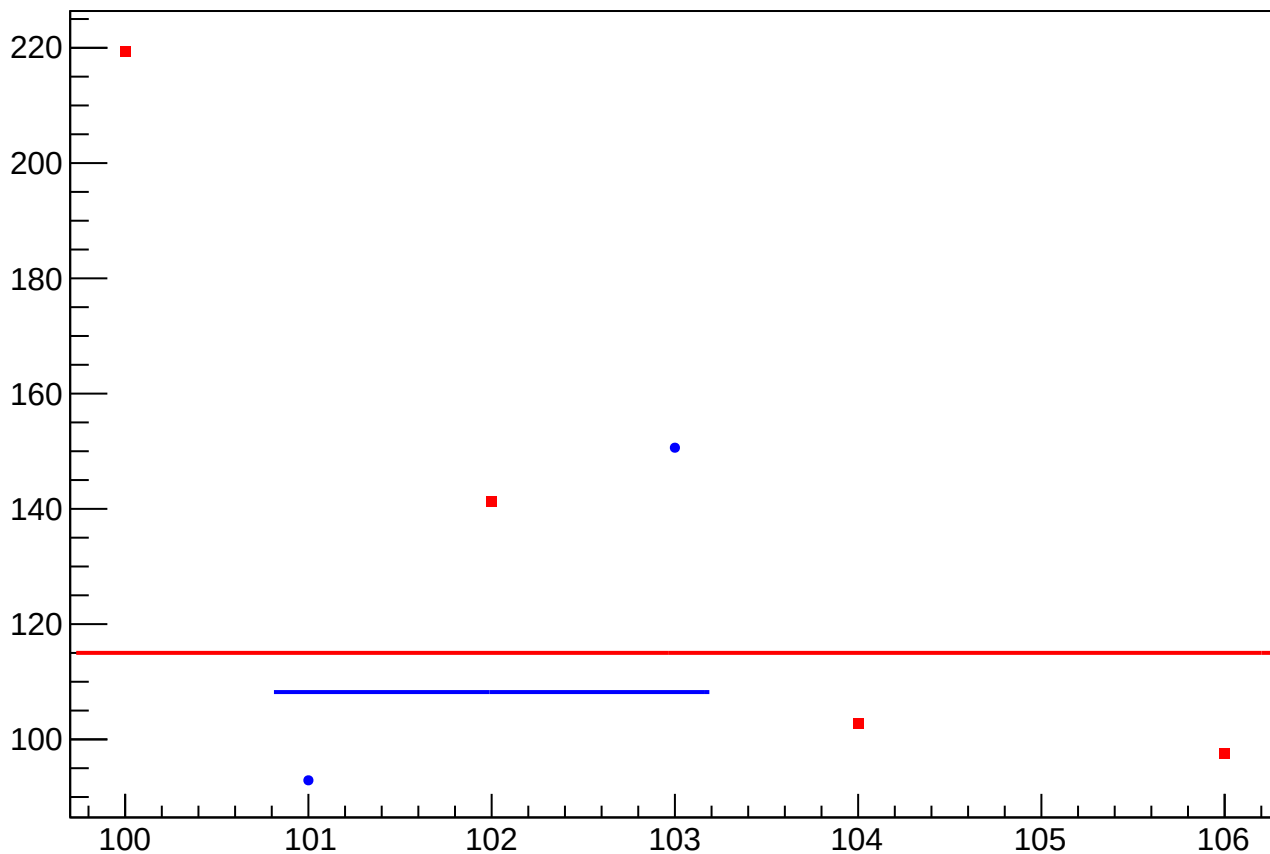
Right: 241.562+/-70.930 χ^2/NDF : 4.7/5

In: 204.957+/-101.378 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.562+/-70.930 χ^2/NDF : 4.7/5

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 108.211+/-0.072 χ^2/NDF : 126356.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.012+/-0.070 χ^2/NDF : 103941.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

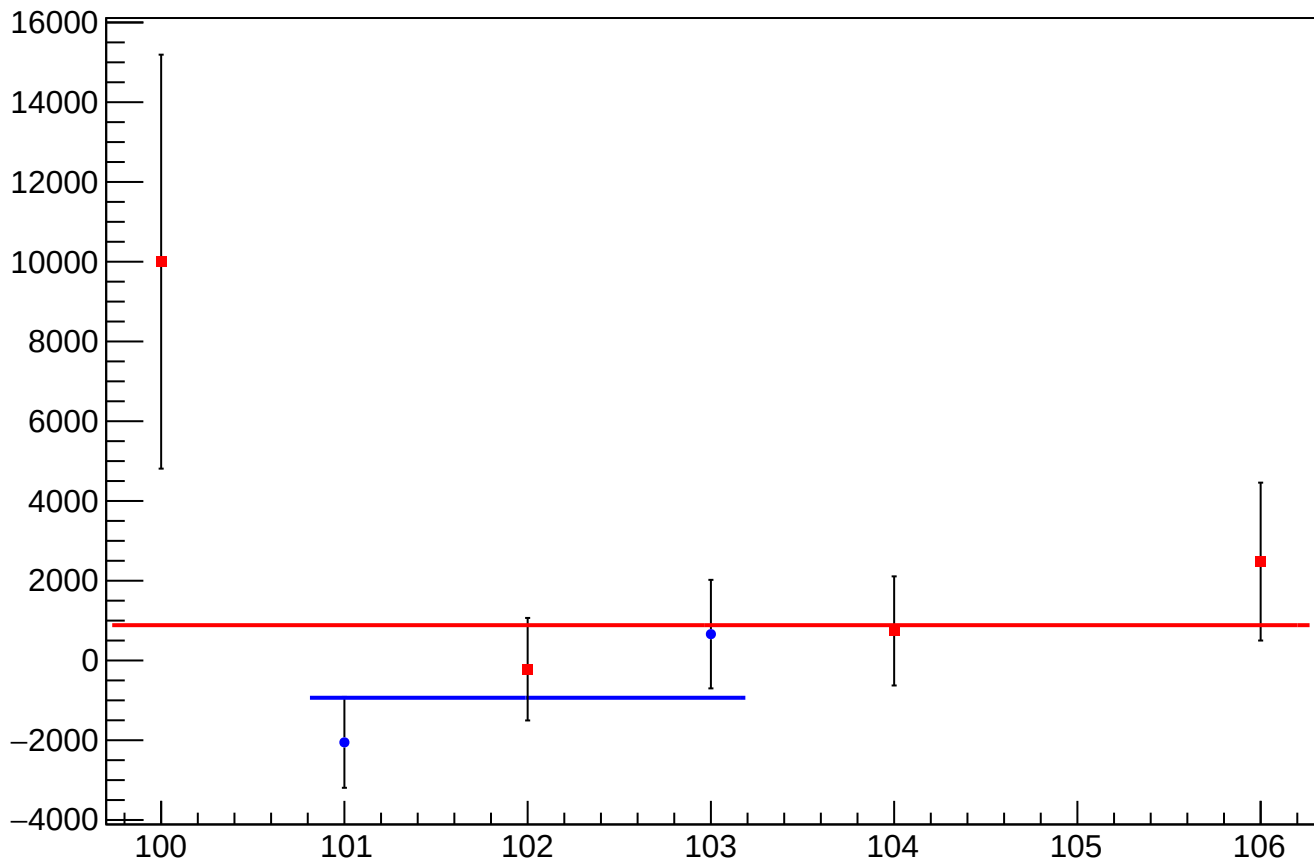
Right: 111.683+/-0.050 χ^2/NDF : 234894.0/5

In: 108.211+/-0.072 χ^2/NDF : 126356.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.683+/-0.050 χ^2/NDF : 234894.0/5

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -934.906+/-873.562 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.355+/-835.734 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

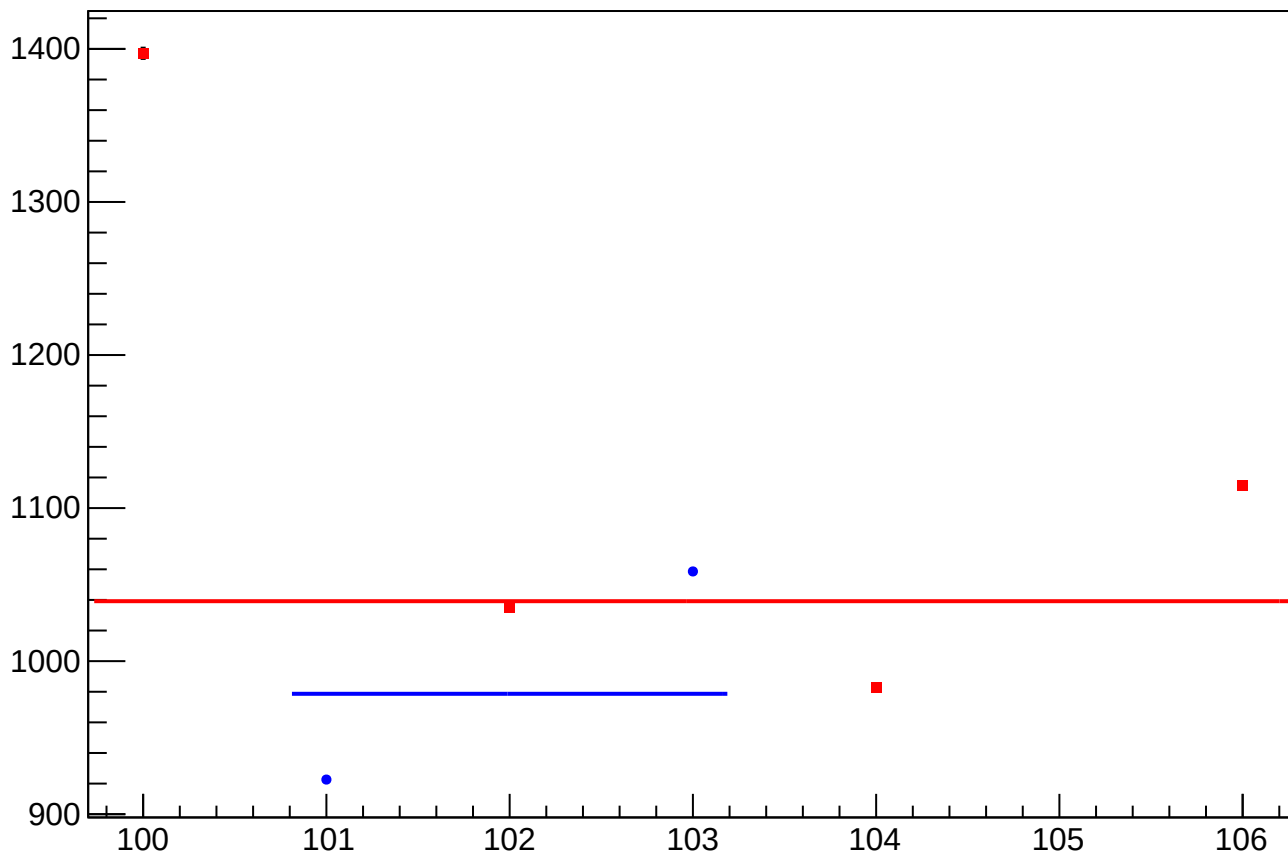
Right: 15.488+/-603.883 χ^2/NDF : 9.1/5

In: -934.906+/-873.562 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.488+/-603.883 χ^2/NDF : 9.1/5

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 978.666+/-0.618 χ^2/NDF : 11740.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.174+/-0.591 χ^2/NDF : 15846.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

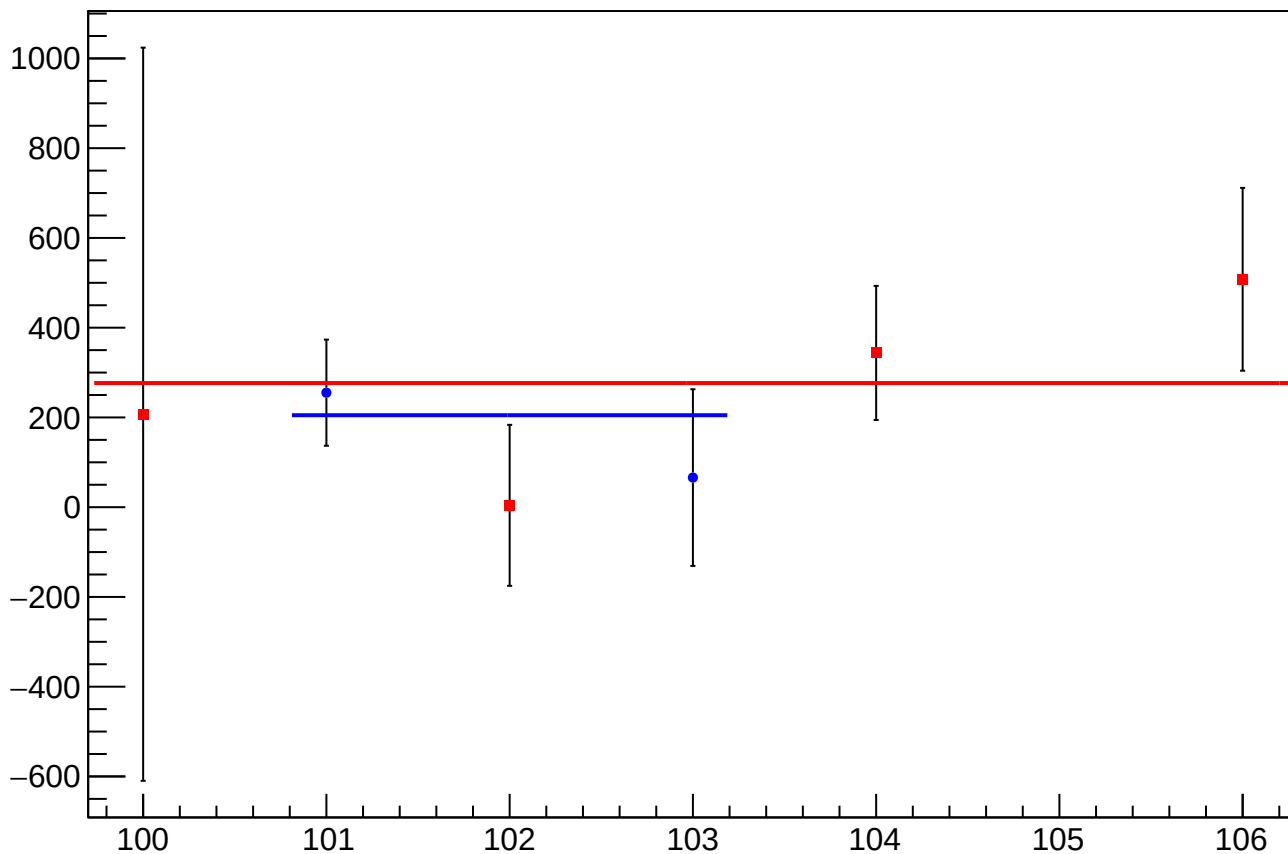
Right: 1010.259+/-0.427 χ^2/NDF : 32596.8/5

In: 978.666+/-0.618 χ^2/NDF : 11740.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.259+/-0.427 χ^2/NDF : 32596.8/5

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 204.956+/-101.378 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 276.668+/-99.277 χ^2/NDF : 3.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

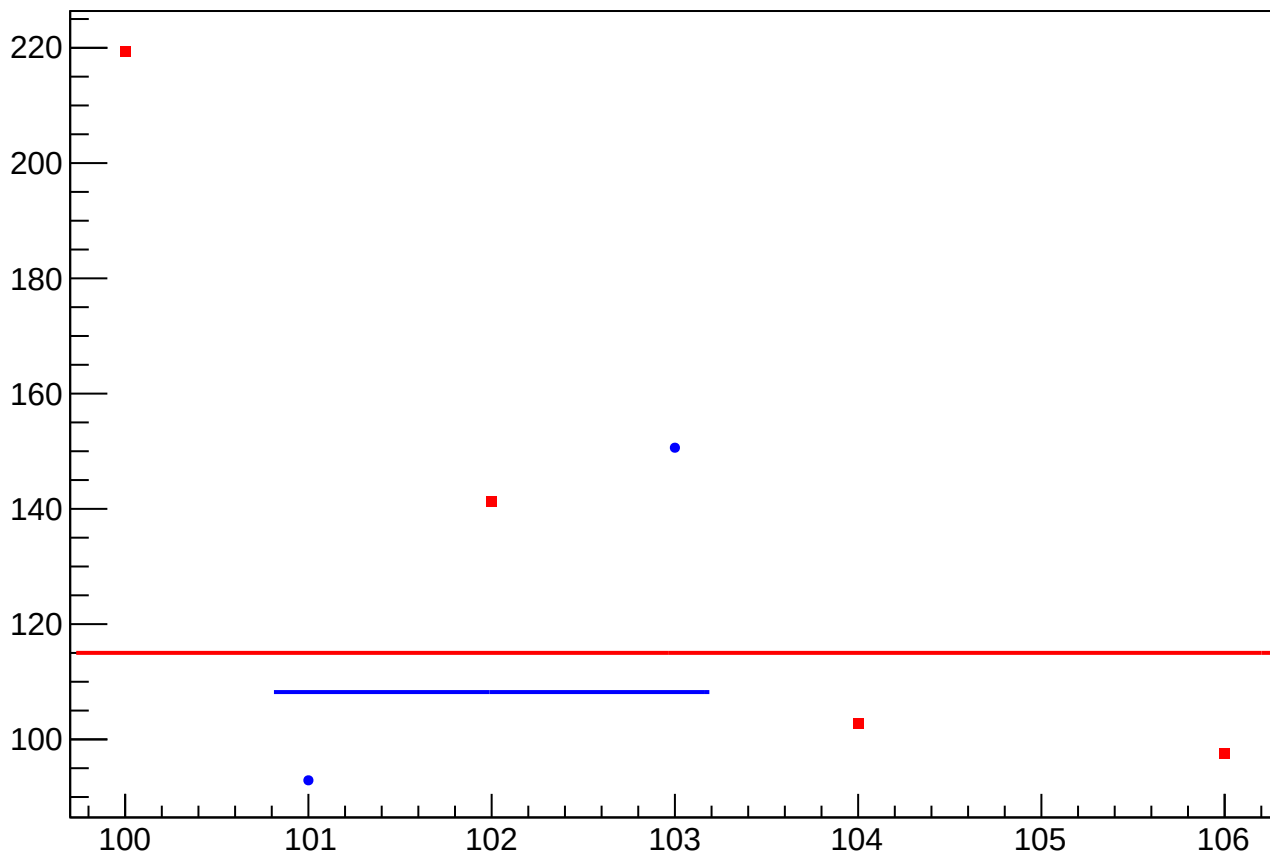
Right: 241.563+/-70.931 χ^2/NDF : 4.7/5

In: 204.956+/-101.378 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.563+/-70.931 χ^2/NDF : 4.7/5

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 108.211+/-0.072 χ^2/NDF : 126353.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.013+/-0.070 χ^2/NDF : 103939.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

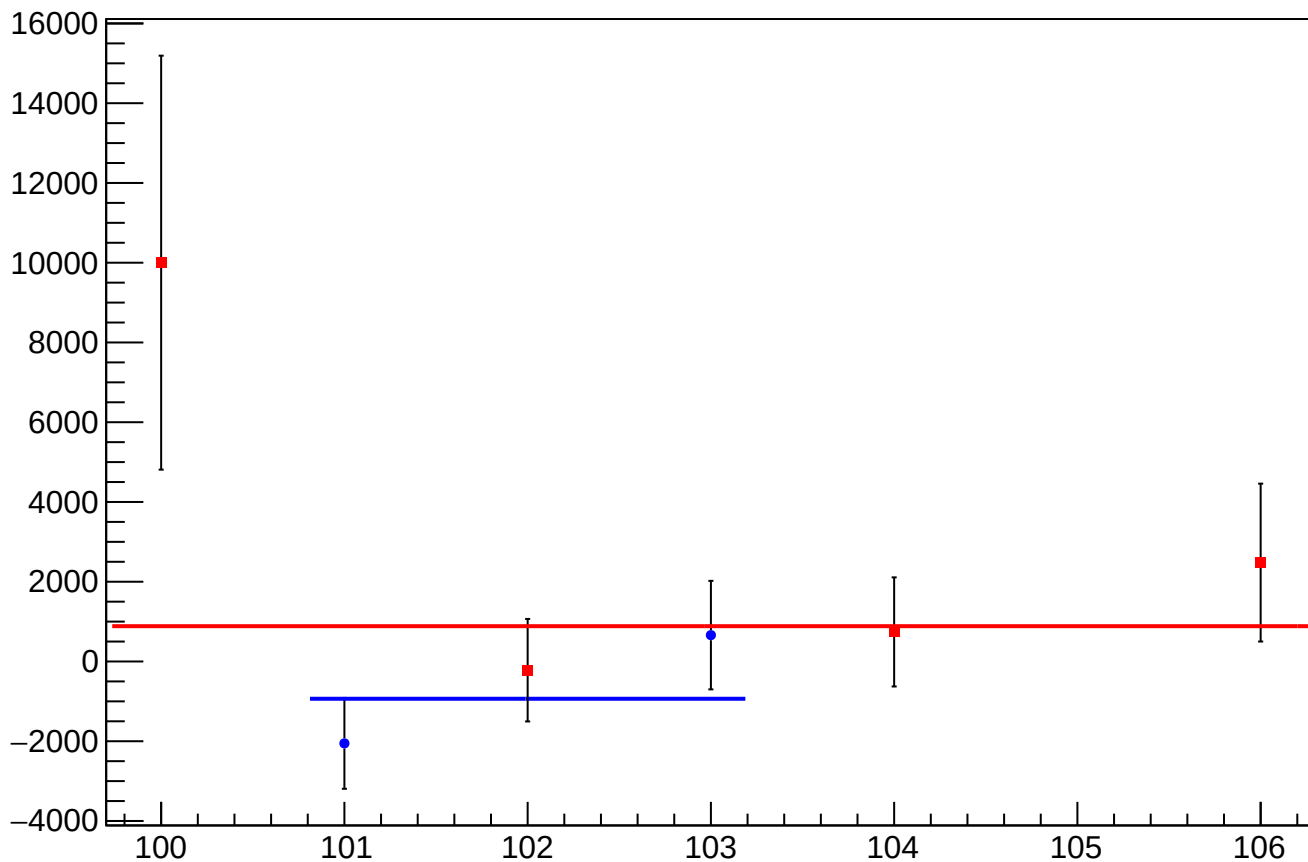
Right: 111.683+/-0.050 χ^2/NDF : 234888.5/5

In: 108.211+/-0.072 χ^2/NDF : 126353.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.683+/-0.050 χ^2/NDF : 234888.5/5

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -934.905+/-873.560 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 885.353+/-835.732 χ^2/NDF : 4.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

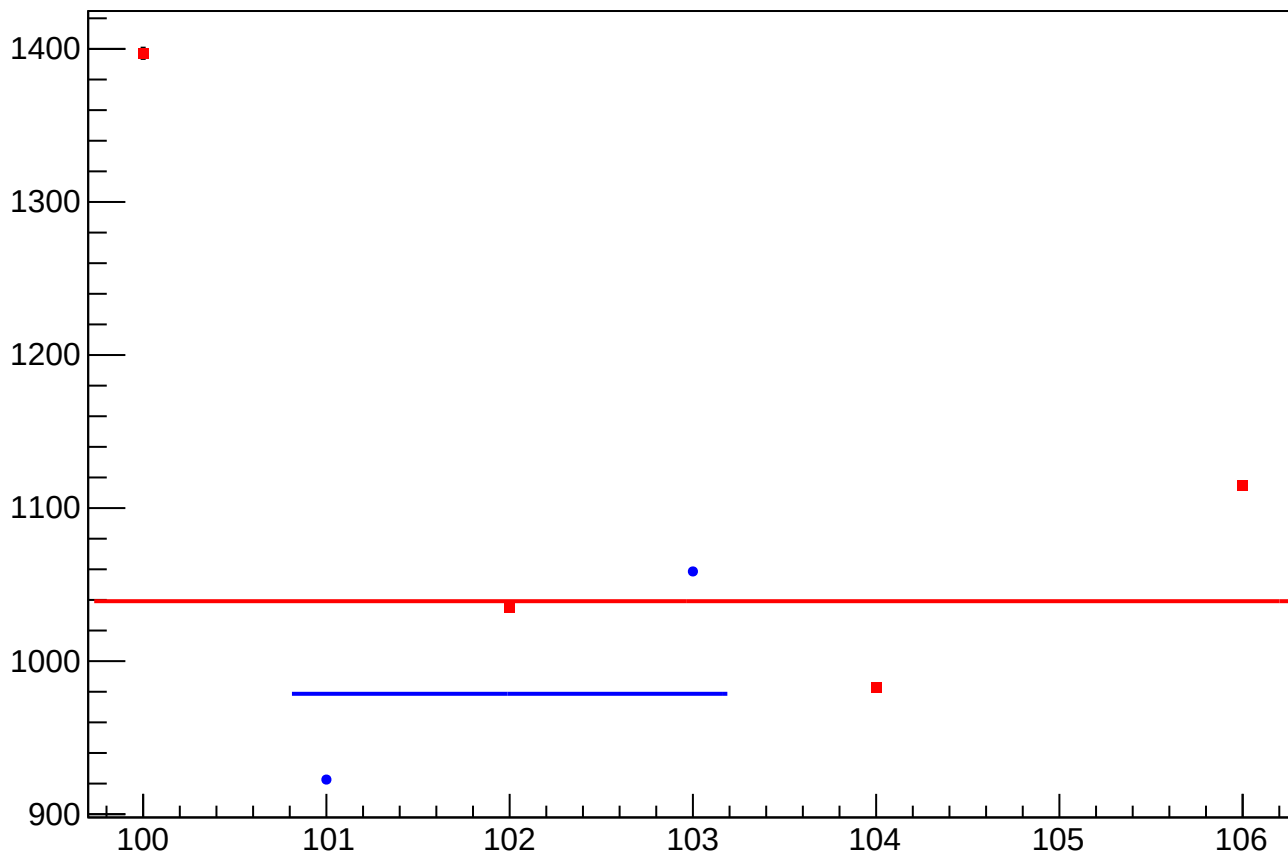
Right: 15.488+/-603.882 χ^2/NDF : 9.1/5

In: -934.905+/-873.560 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.488+/-603.882 χ^2/NDF : 9.1/5

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 978.664+/-0.618 χ^2/NDF : 11740.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.172+/-0.591 χ^2/NDF : 15846.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

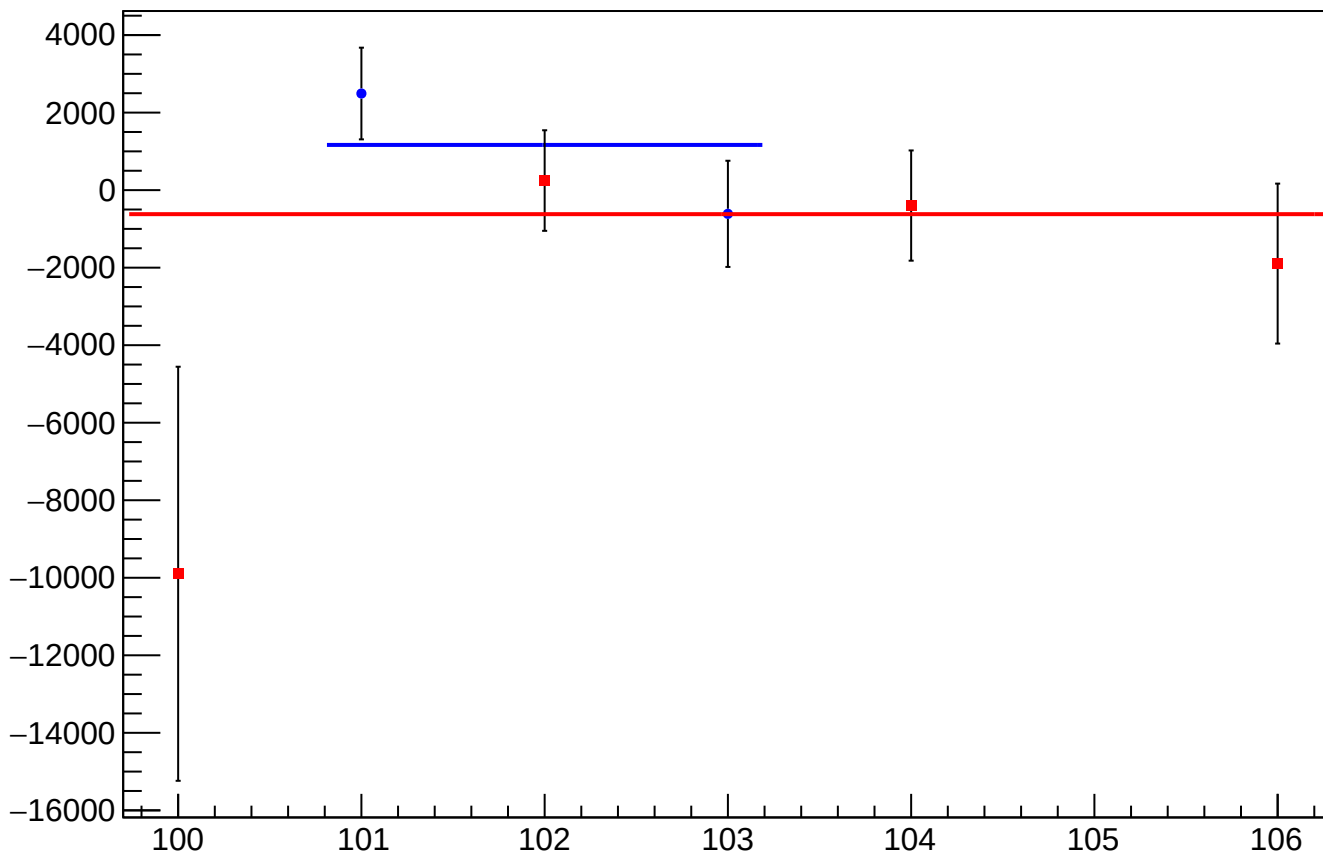
Right: 1010.256+/-0.427 χ^2/NDF : 32596.9/5

In: 978.664+/-0.618 χ^2/NDF : 11740.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.256+/-0.427 χ^2/NDF : 32596.9/5

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1166.236 $\pm$ 895.141 χ^2 /NDF: 2.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -619.718 $\pm$ 857.821 χ^2 /NDF: 3.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

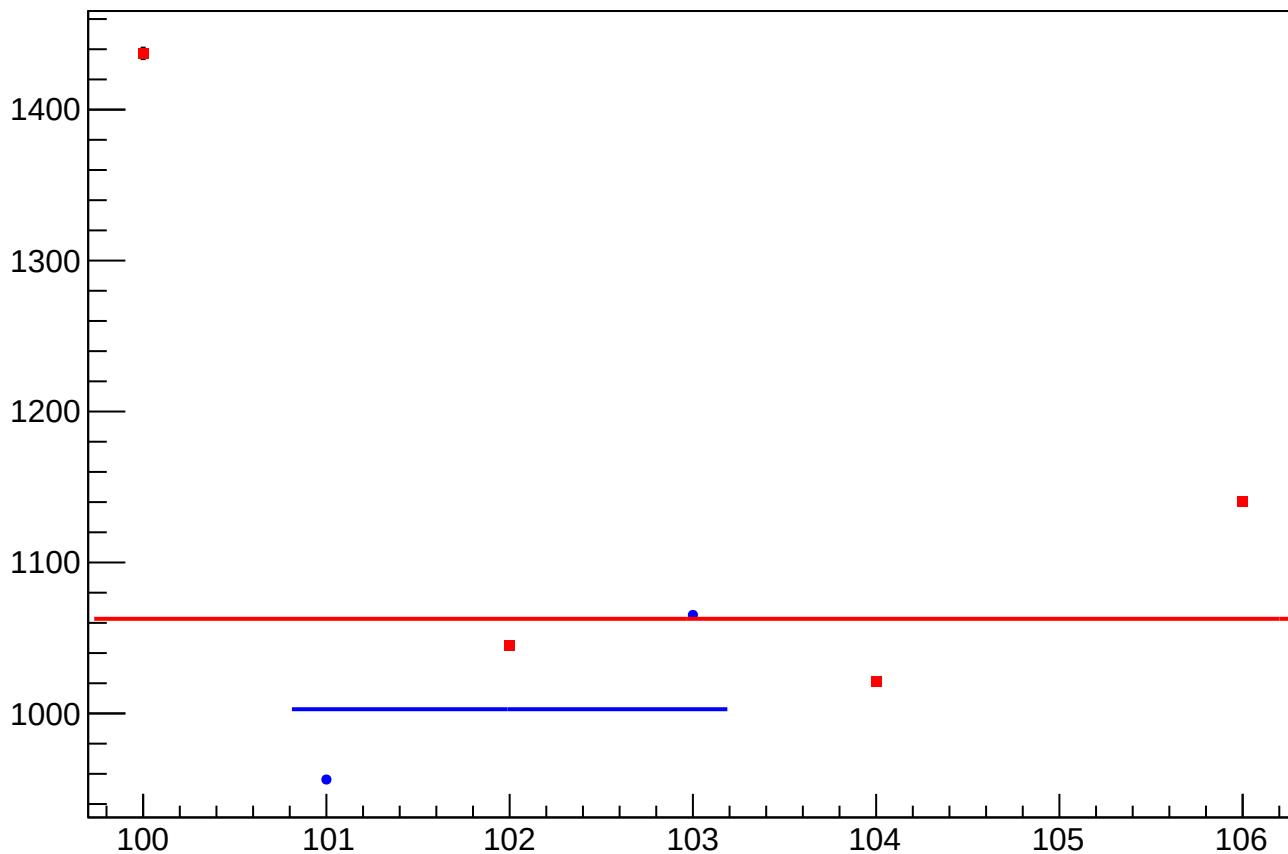
Right: 235.254 $\pm$ 619.344 χ^2 /NDF: 8.9/5

In: 1166.236 $\pm$ 895.141 χ^2 /NDF:2.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 235.254 $\pm$ 619.344 χ^2 /NDF: 8.9/5

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 1002.796+/-0.633 χ^2/NDF : 7259.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1062.701+/-0.607 χ^2/NDF : 14781.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

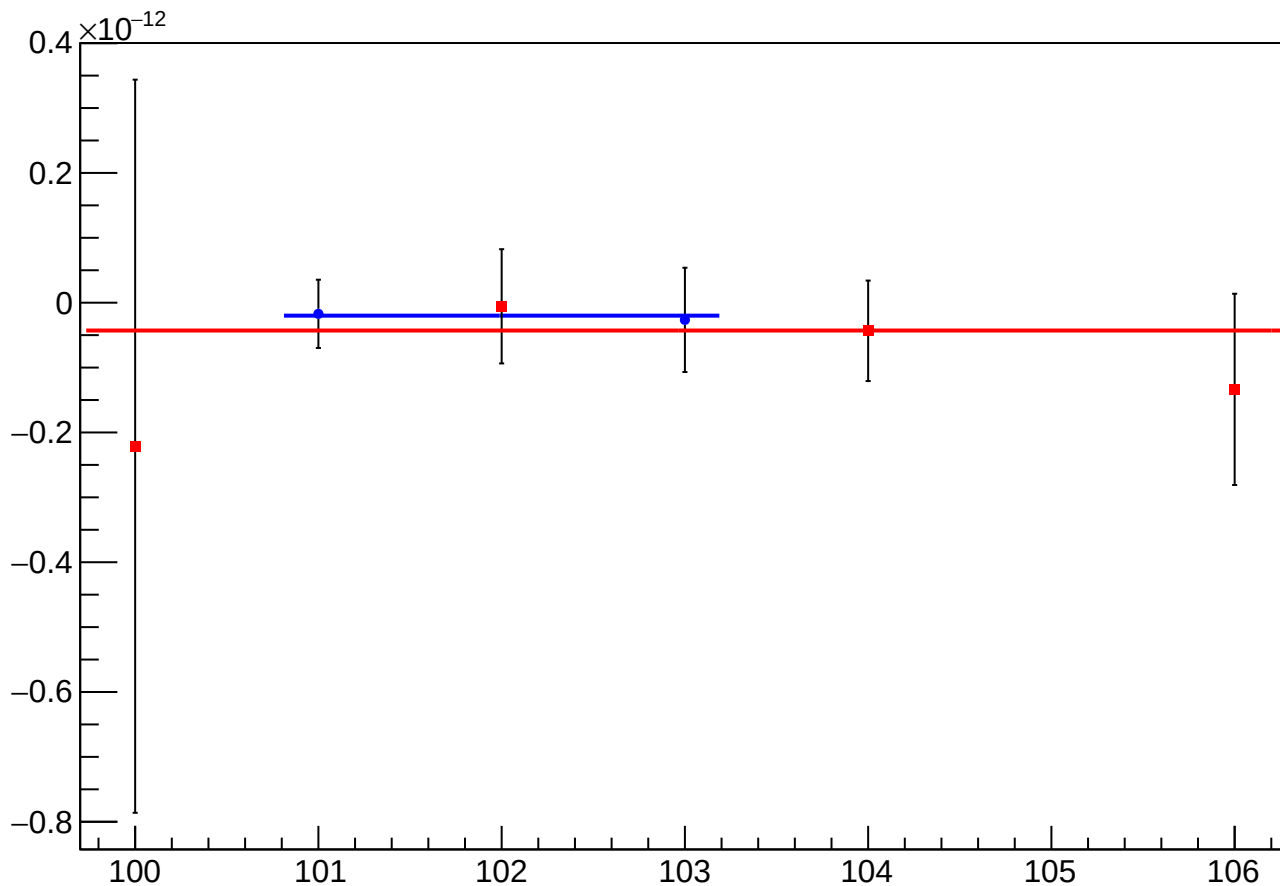
Right: 1034.023+/-0.438 χ^2/NDF : 26710.4/5

In: 1002.796+/-0.633 χ^2/NDF : 7259.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.023+/-0.438 χ^2/NDF : 26710.4/5

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

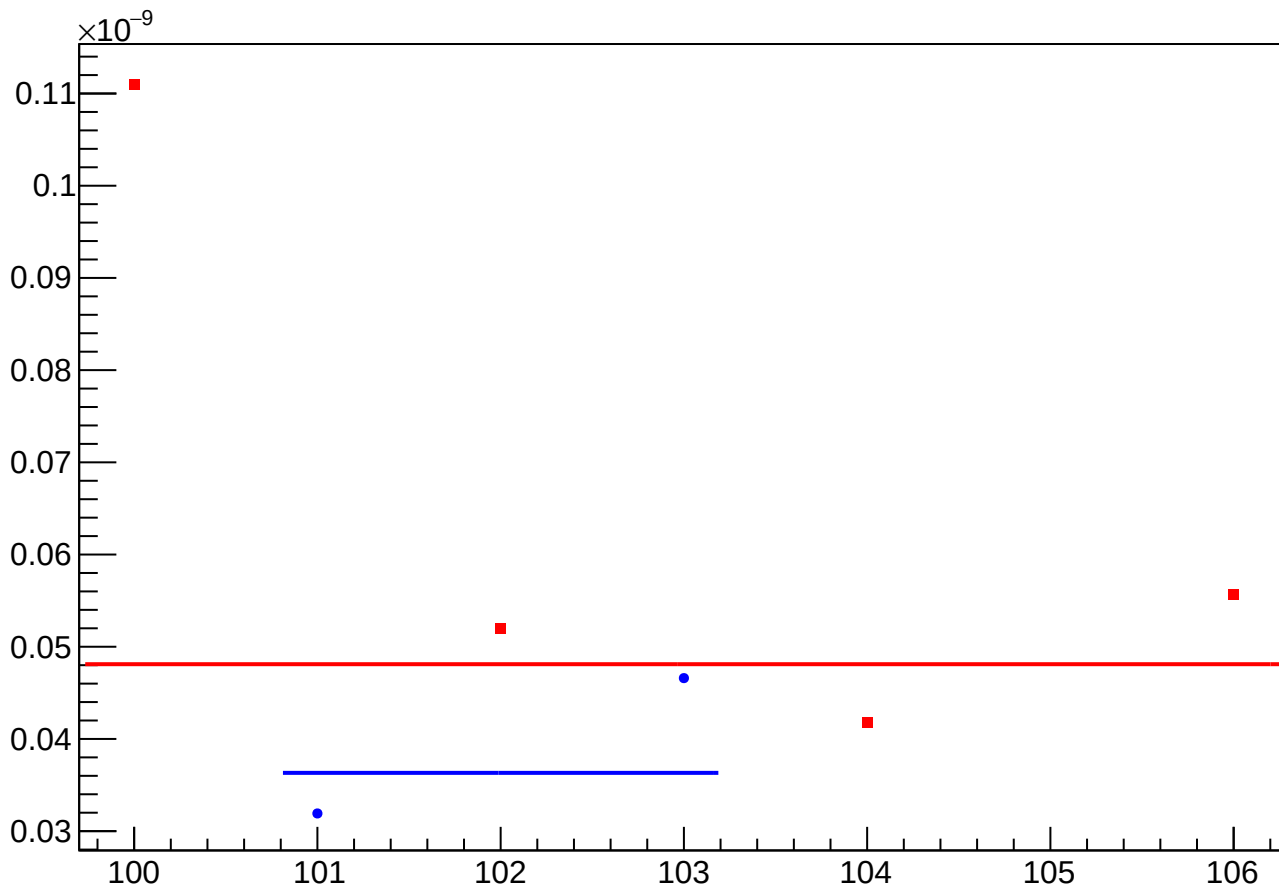
Right: -0.000+/-0.000 χ^2 /NDF: 0.8/5

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 0.8/5

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 46728.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 47157.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

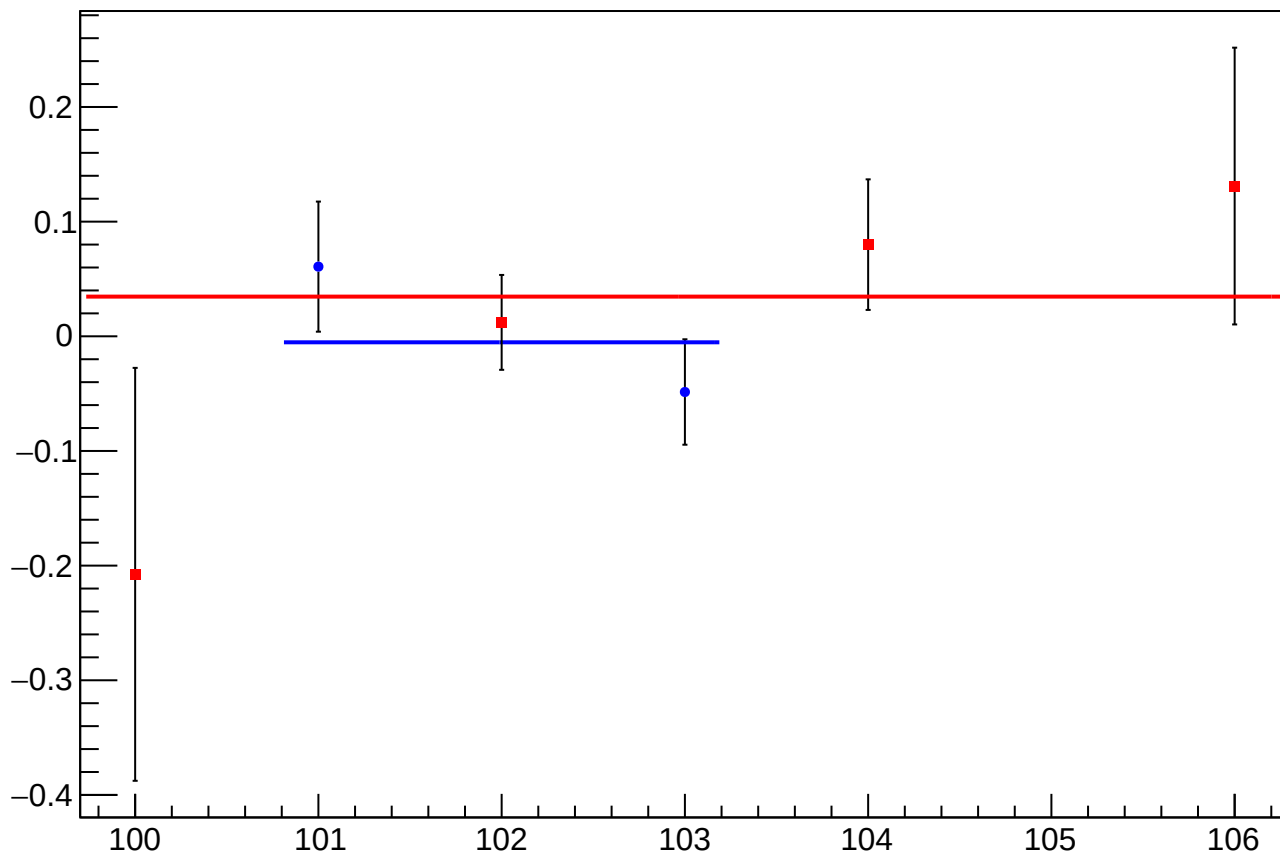
Right: 0.000+/-0.000 χ^2/NDF : 151335.8/5

In: 0.000+/-0.000 χ^2/NDF : 46728.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 151335.8/5

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.032 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

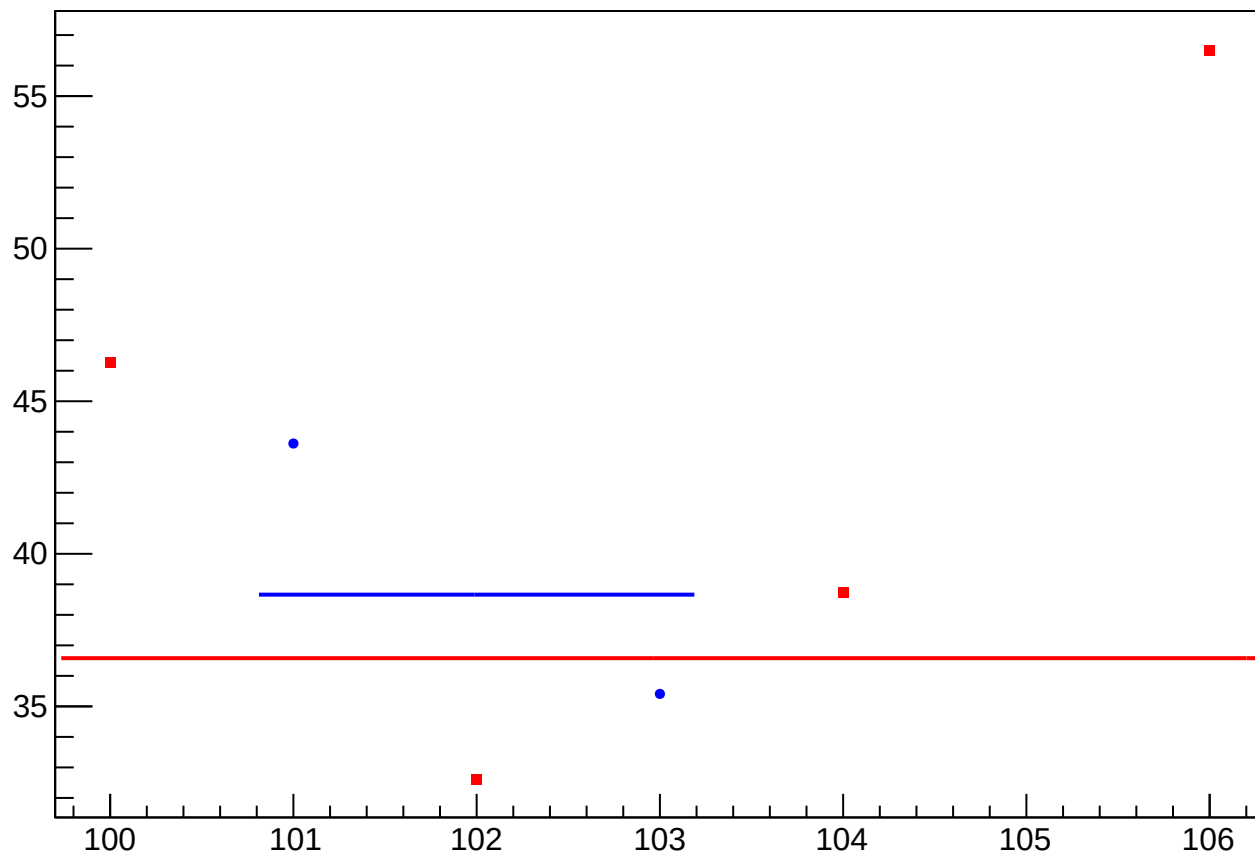
Right: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.580 $\pm$ 0.022 χ^2 /NDF: 81741.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

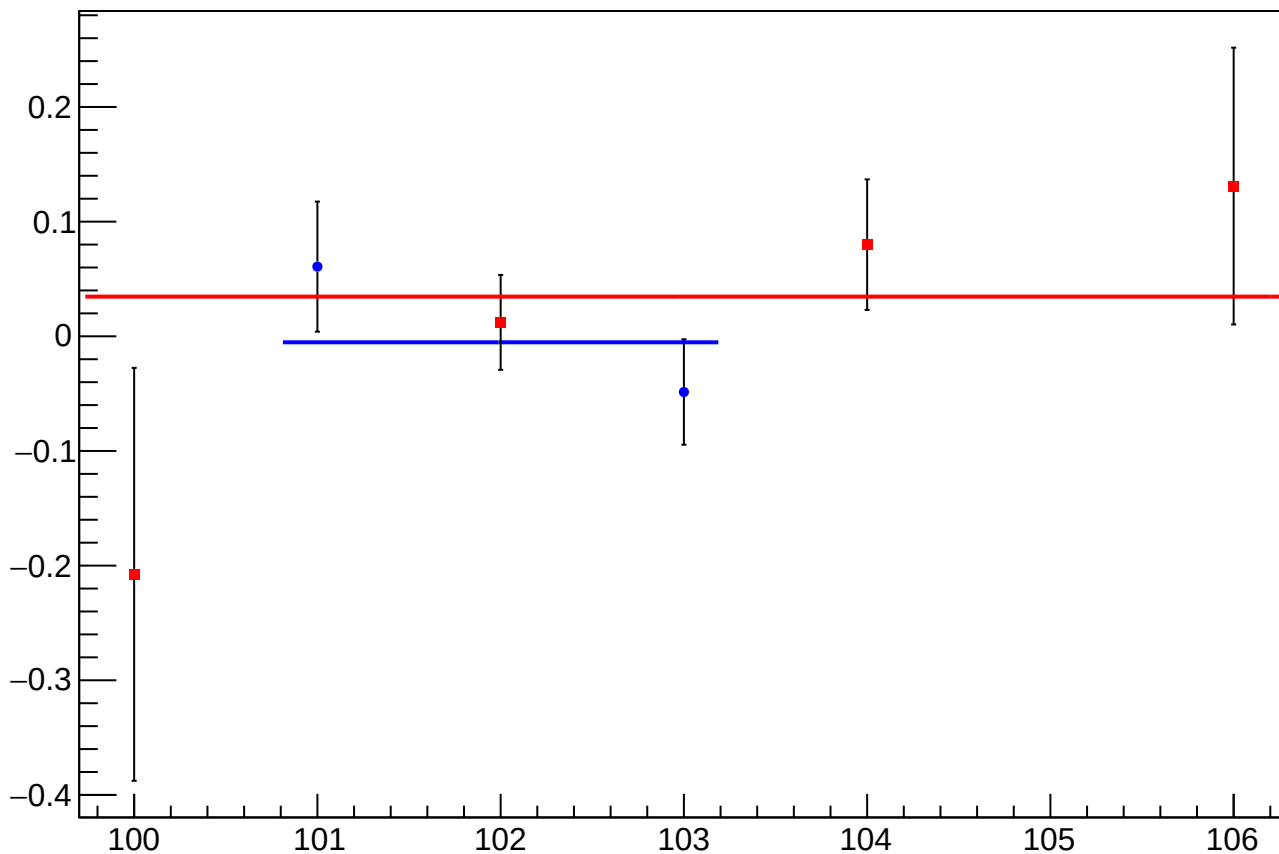
Right: 37.499 $\pm$ 0.017 χ^2 /NDF: 110785.1/5

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.499 $\pm$ 0.017 χ^2 /NDF: 110785.1/5

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.032 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

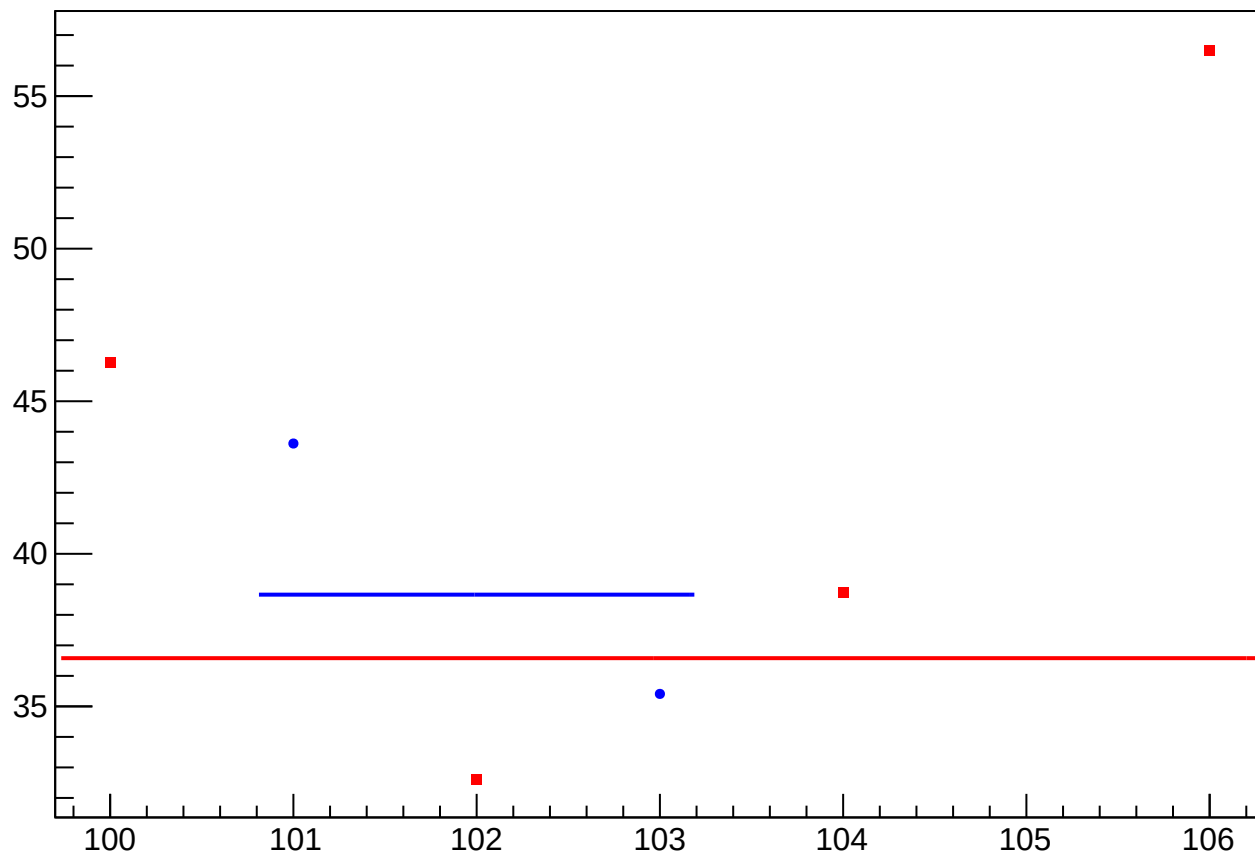
Right: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.580 $\pm$ 0.022 χ^2 /NDF: 81741.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

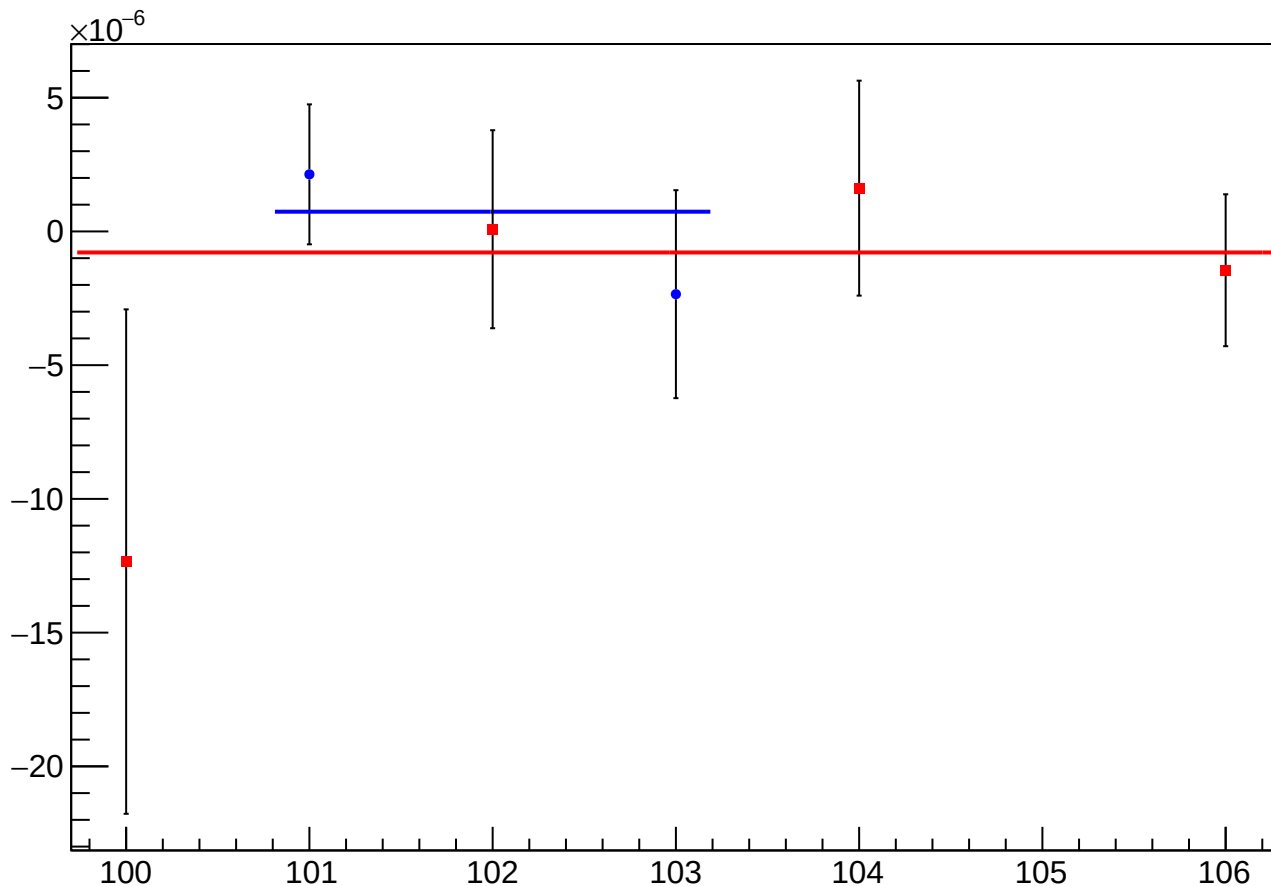
Right: 37.499 $\pm$ 0.017 χ^2 /NDF: 110785.1/5

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25249.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.499 $\pm$ 0.017 χ^2 /NDF: 110785.1/5

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

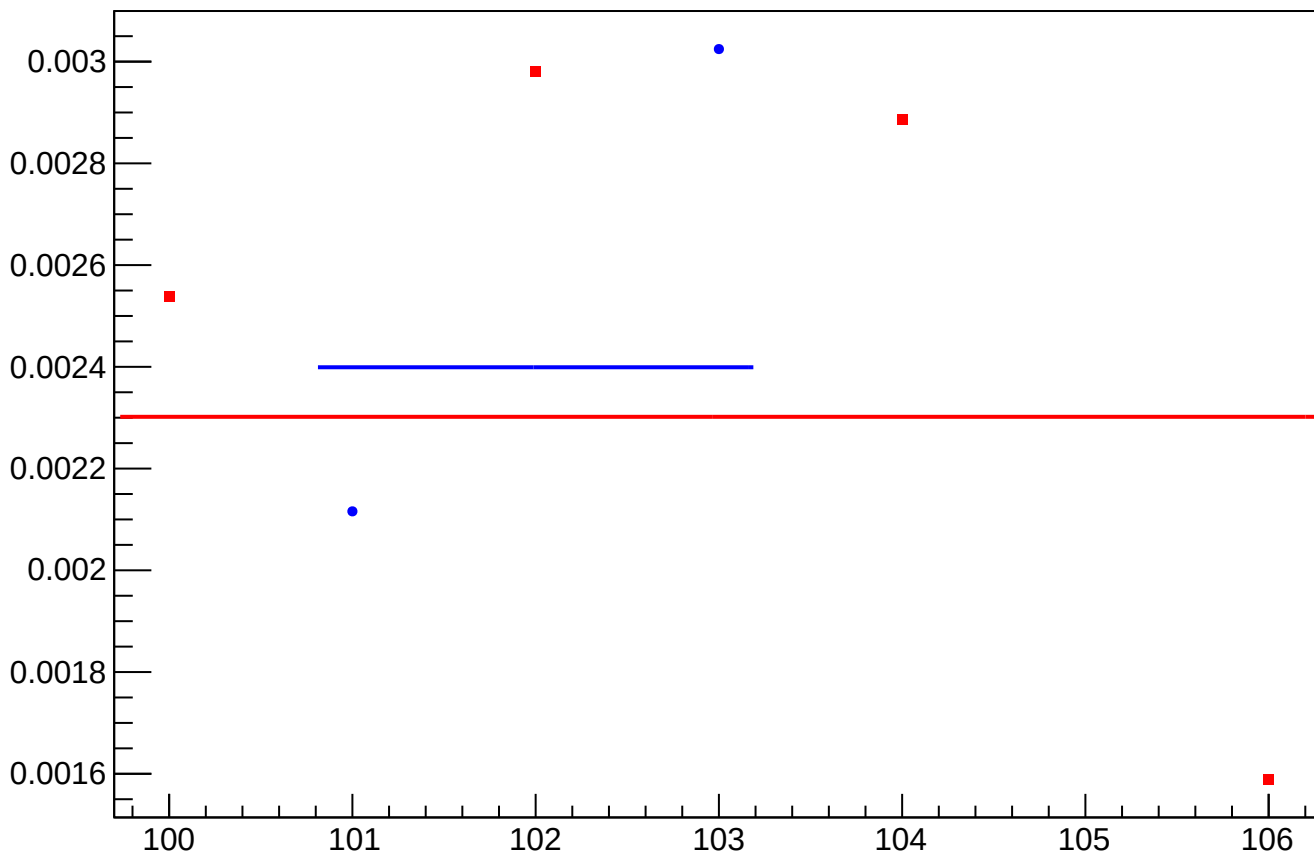
Right: -0.000+/-0.000 χ^2/NDF : 3.2/5

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.2/5

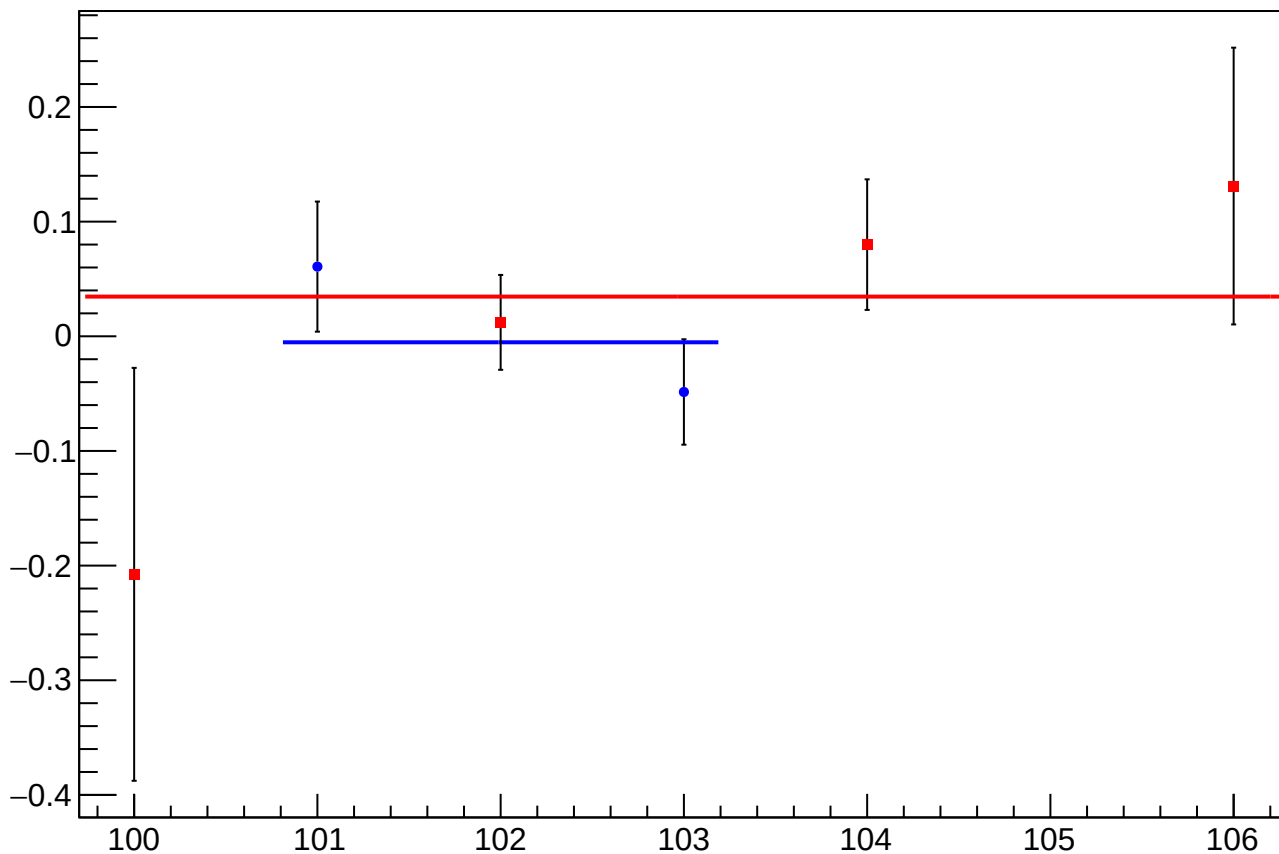
asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 75218.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 237273.5/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 314747.0/5
 In: 0.002 $\pm$ 0.000 χ^2 /NDF:75218.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.002 $\pm$ 0.000 χ^2 /NDF: 314747.0/5

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.032 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

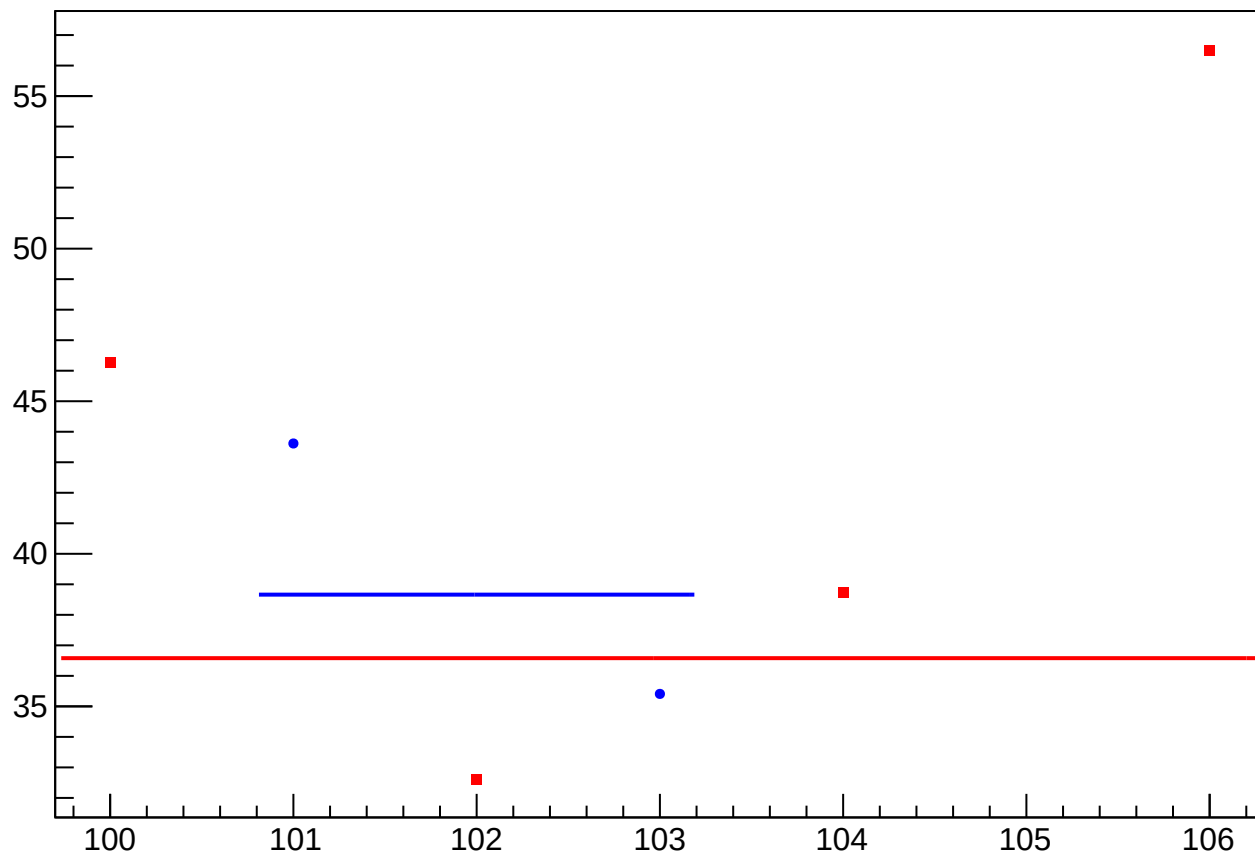
Right: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25257.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.580 $\pm$ 0.022 χ^2 /NDF: 81749.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

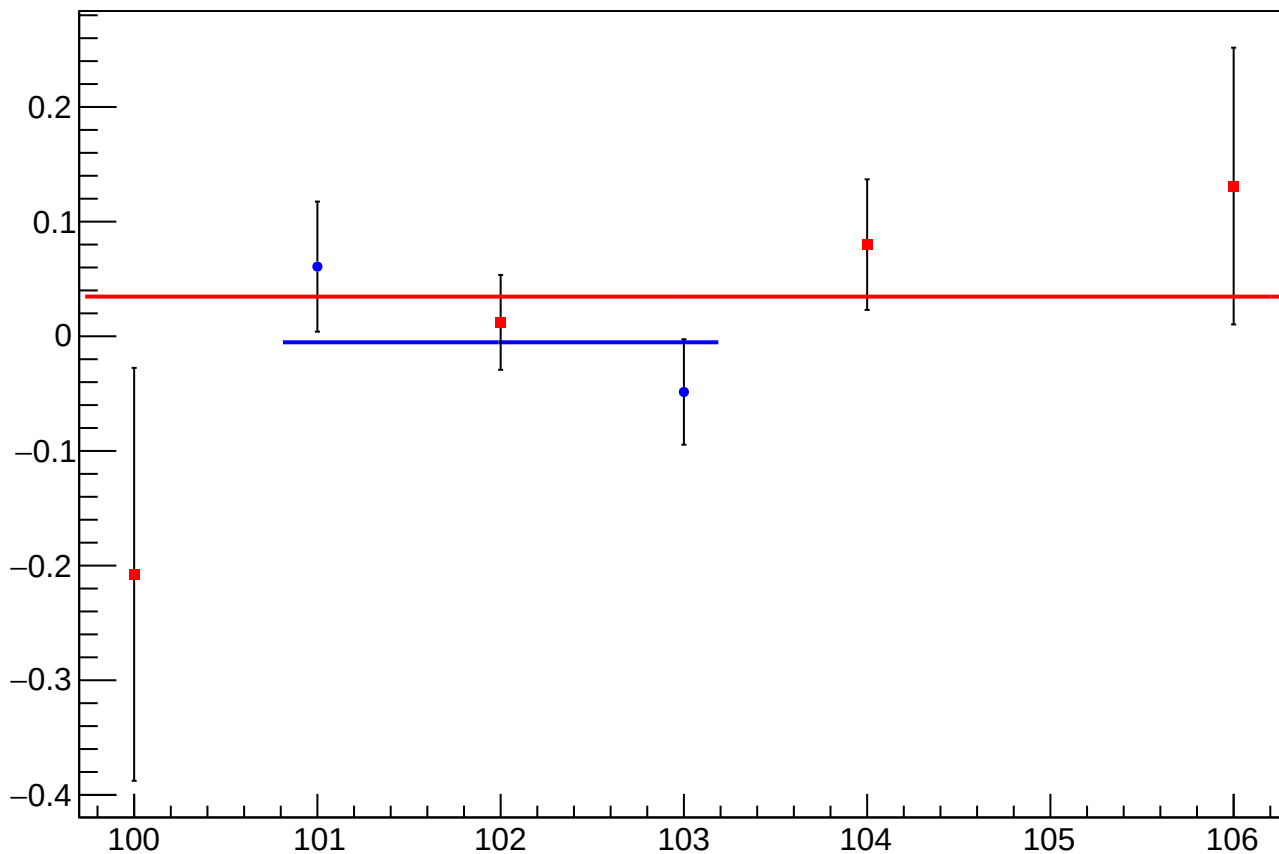
Right: 37.499 $\pm$ 0.017 χ^2 /NDF: 110801.4/5

In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25257.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.499 $\pm$ 0.017 χ^2 /NDF: 110801.4/5

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.036 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.032 χ^2 /NDF: 3.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

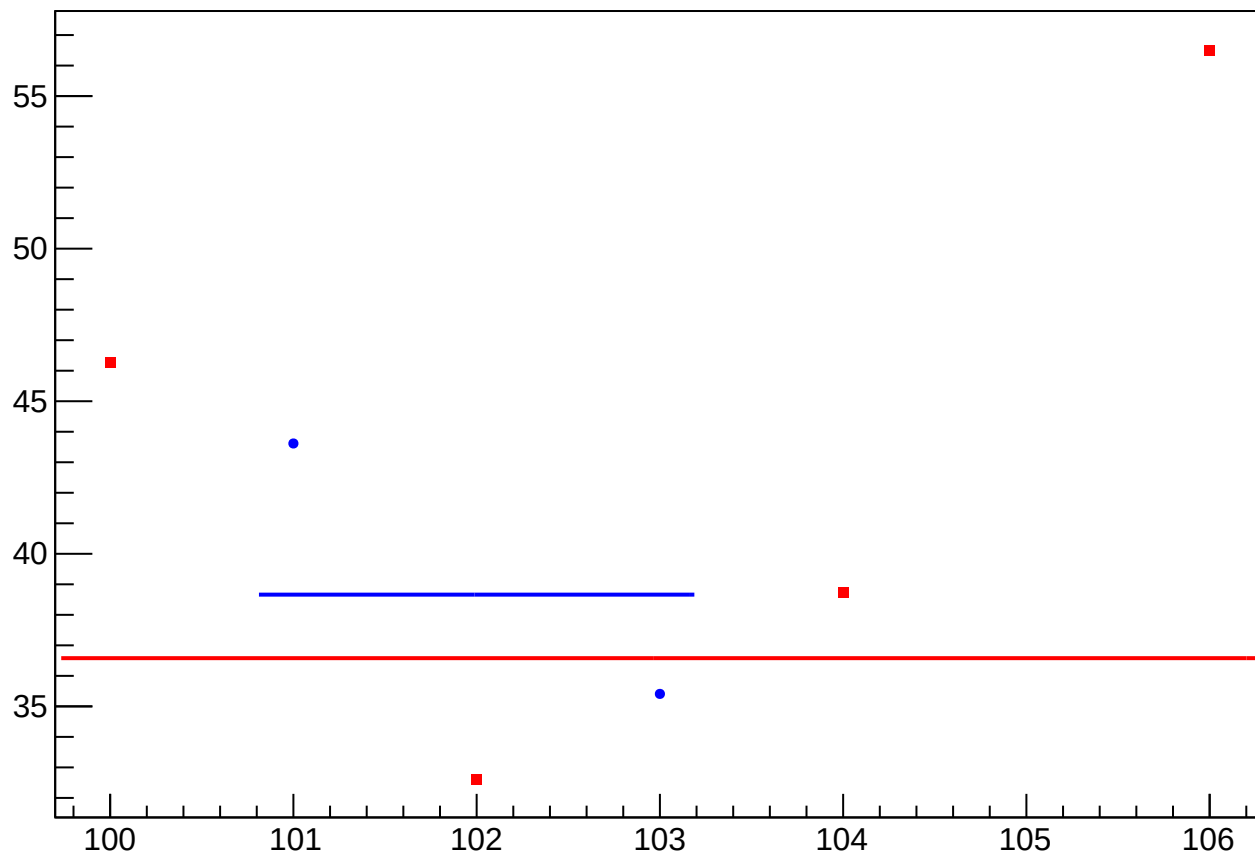
Right: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

In: -0.005 $\pm$ 0.036 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.024 χ^2 /NDF: 6.3/5

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.662 $\pm$ 0.025 χ^2 /NDF: 25257.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.580 $\pm$ 0.022 χ^2 /NDF: 81749.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

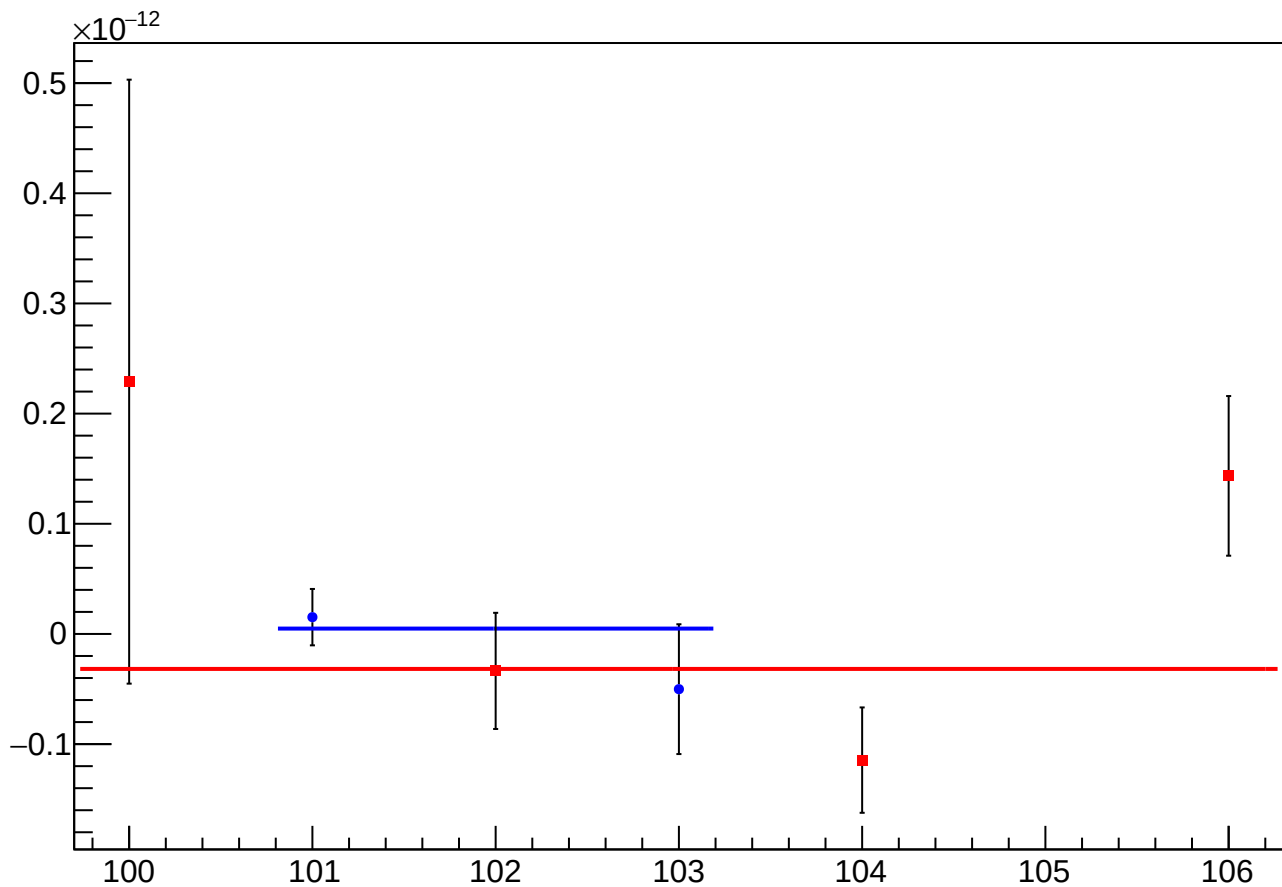
Right: 37.499 $\pm$ 0.017 χ^2 /NDF: 110801.4/5

In: 38.662 $\pm$ 0.025 χ^2 /NDF:25257.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.499 $\pm$ 0.017 χ^2 /NDF: 110801.4/5

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

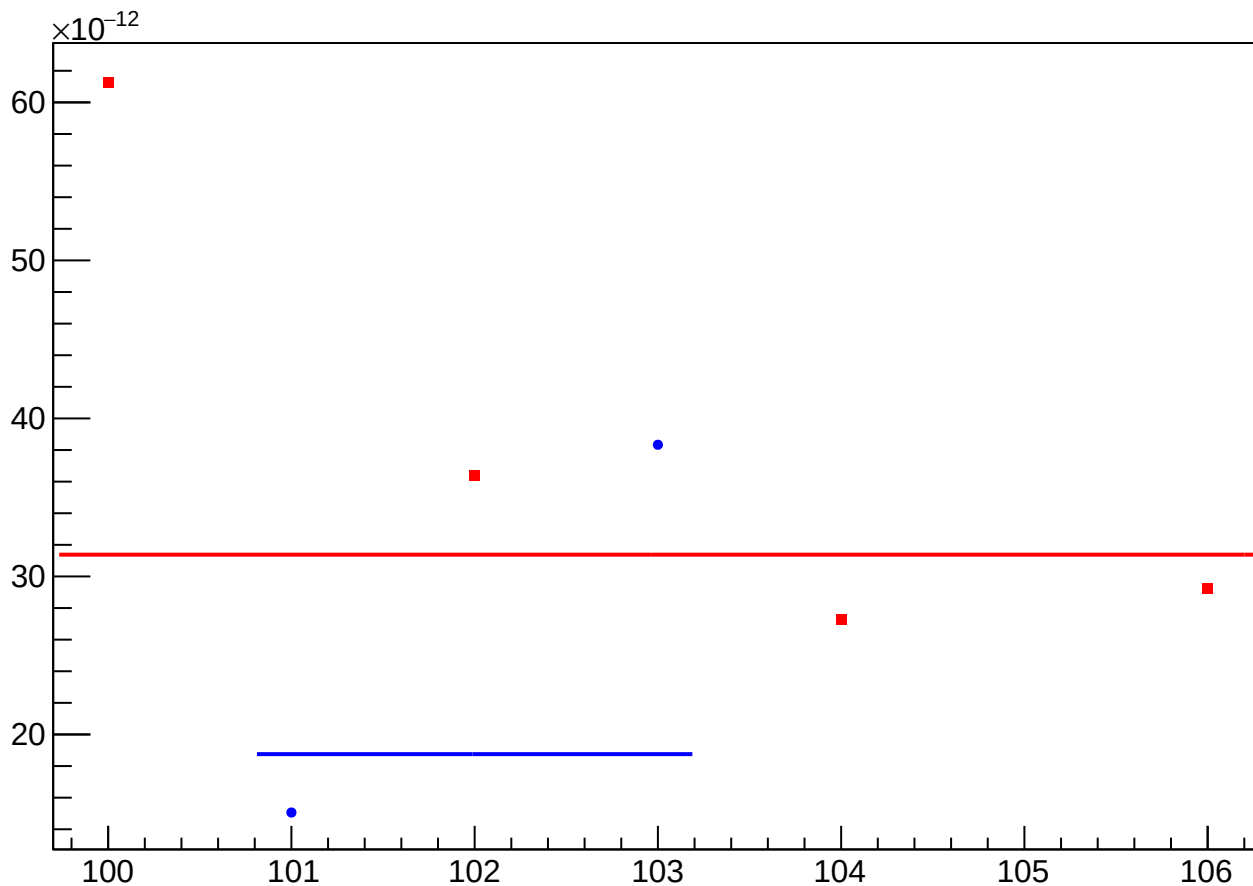
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/5

In: 0.000 $\pm$ 0.000 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/5

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 262610.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 58115.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

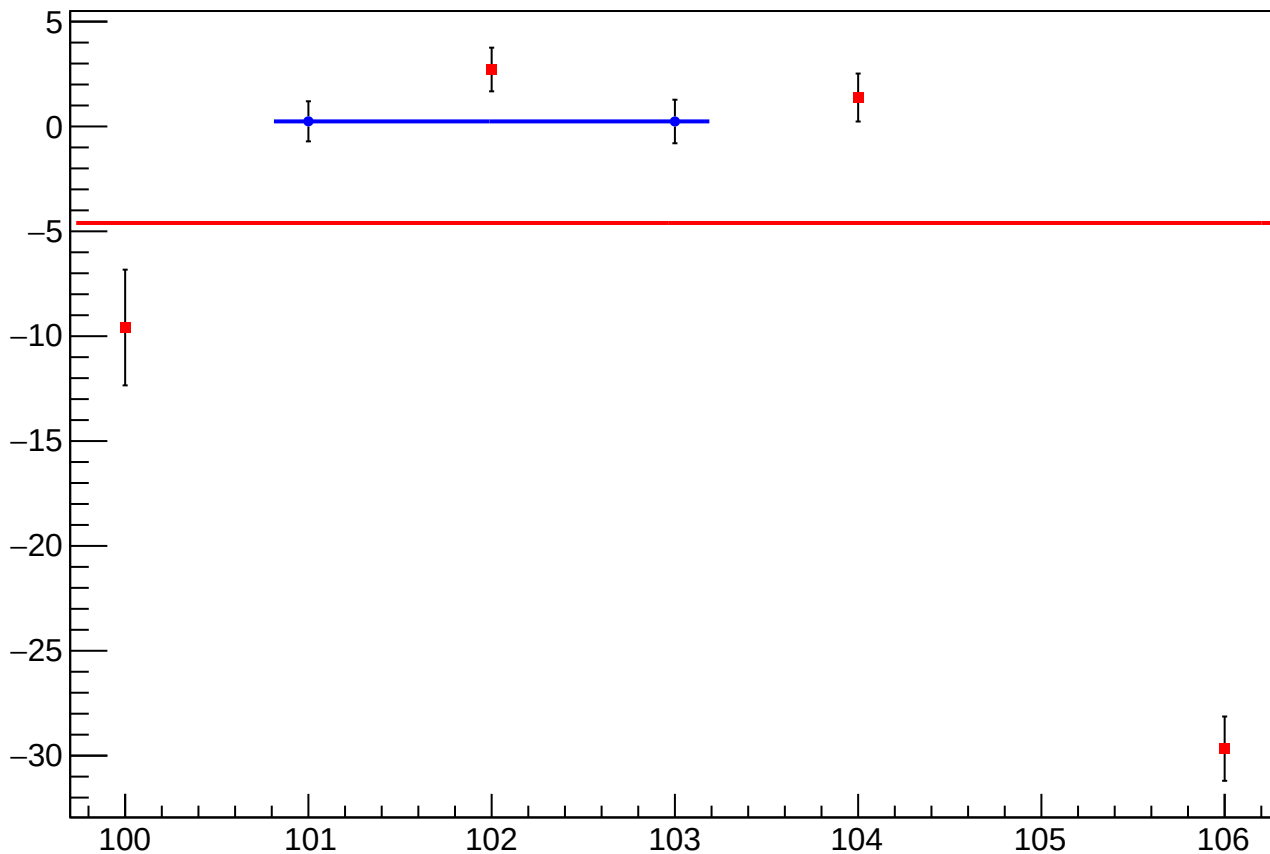
Right: 0.000+/-0.000 χ^2/NDF : 526292.2/5

In: 0.000+/-0.000 χ^2/NDF : 262610.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 526292.2/5

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.703 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.602+/-0.667 χ^2/NDF : 347.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

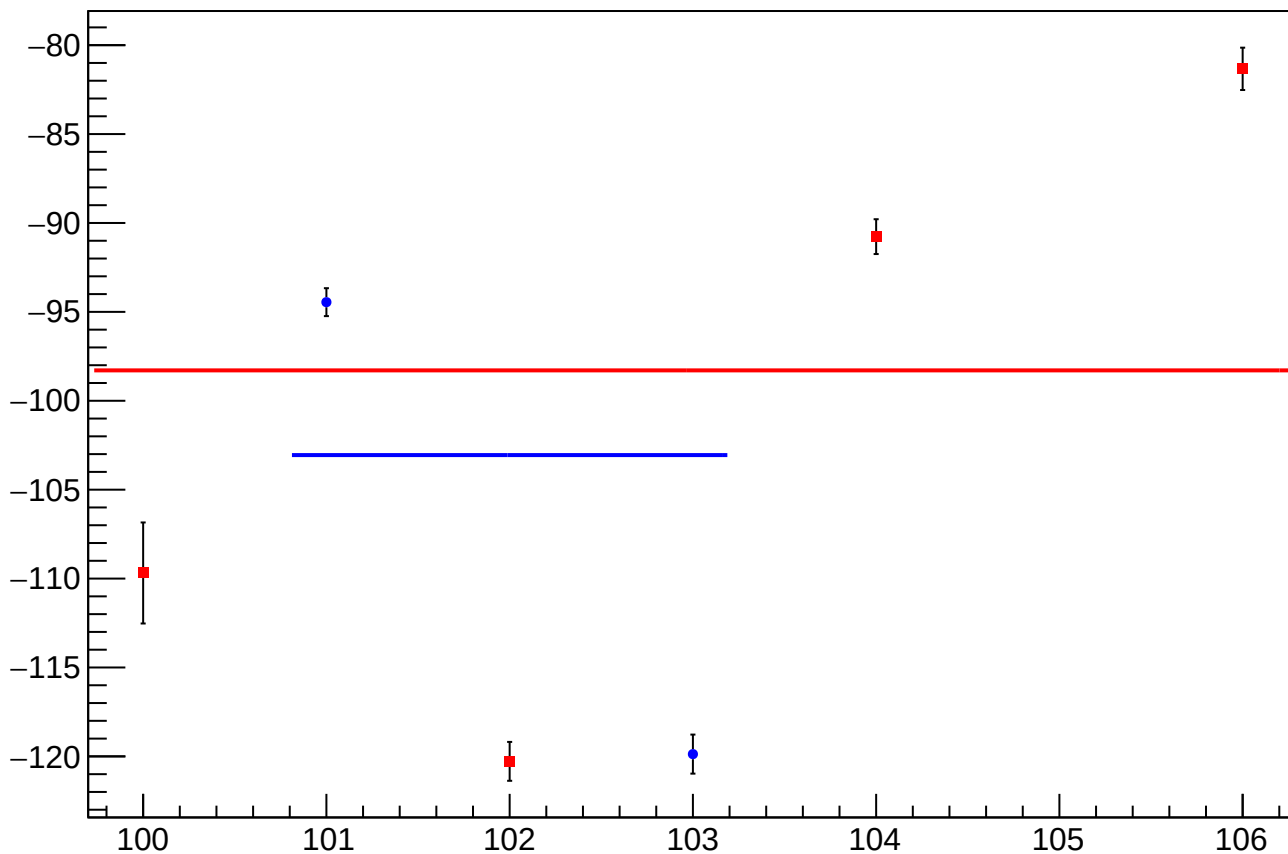
Right: -2.307+/-0.484 χ^2/NDF : 372.5/5

In: 0.241+/-0.703 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.307+/-0.484 χ^2/NDF : 372.5/5

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -103.054 ± 0.639 χ^2/NDF : 354.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -98.290 ± 0.608 χ^2/NDF : 682.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

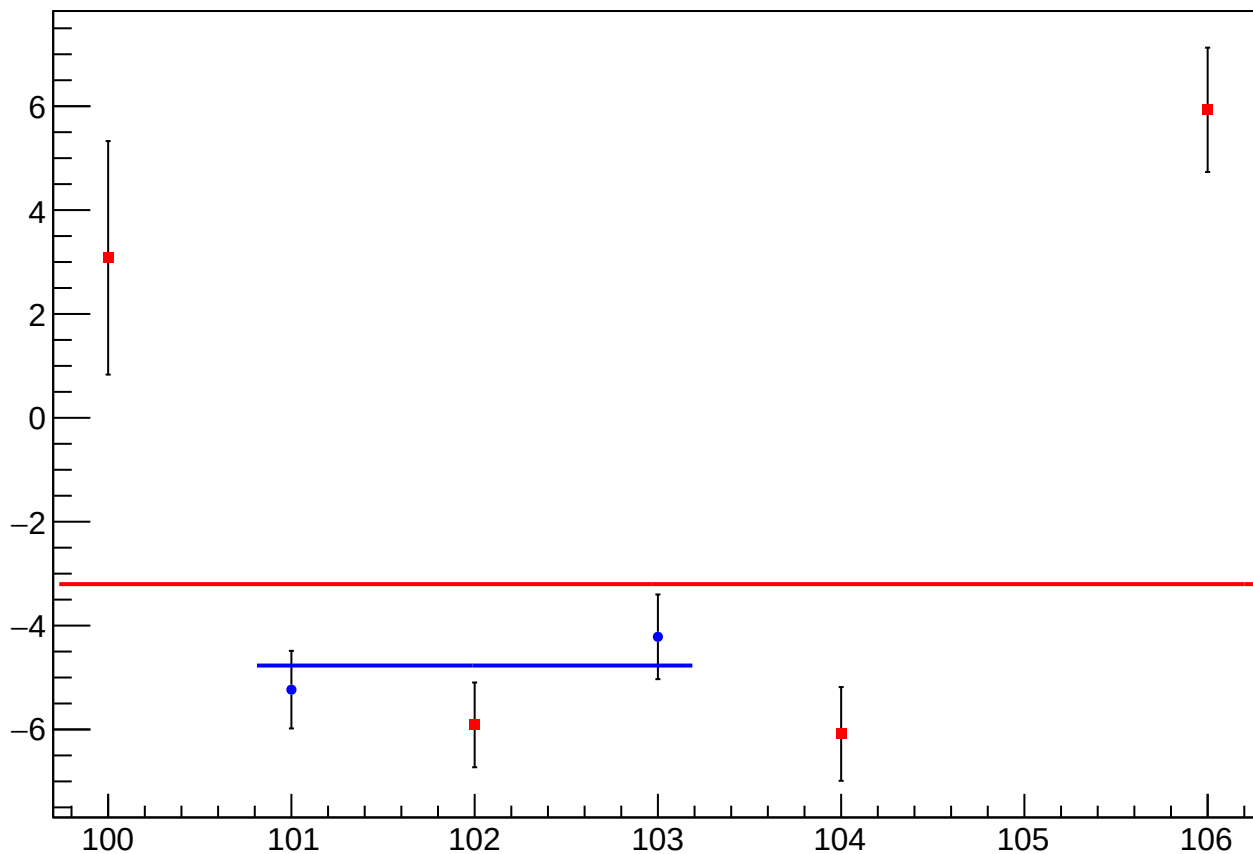
Right: -100.554 ± 0.440 χ^2/NDF : 1066.2/5

In: -103.054 ± 0.639 χ^2/NDF : 354.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.554 ± 0.440 χ^2/NDF : 1066.2/5

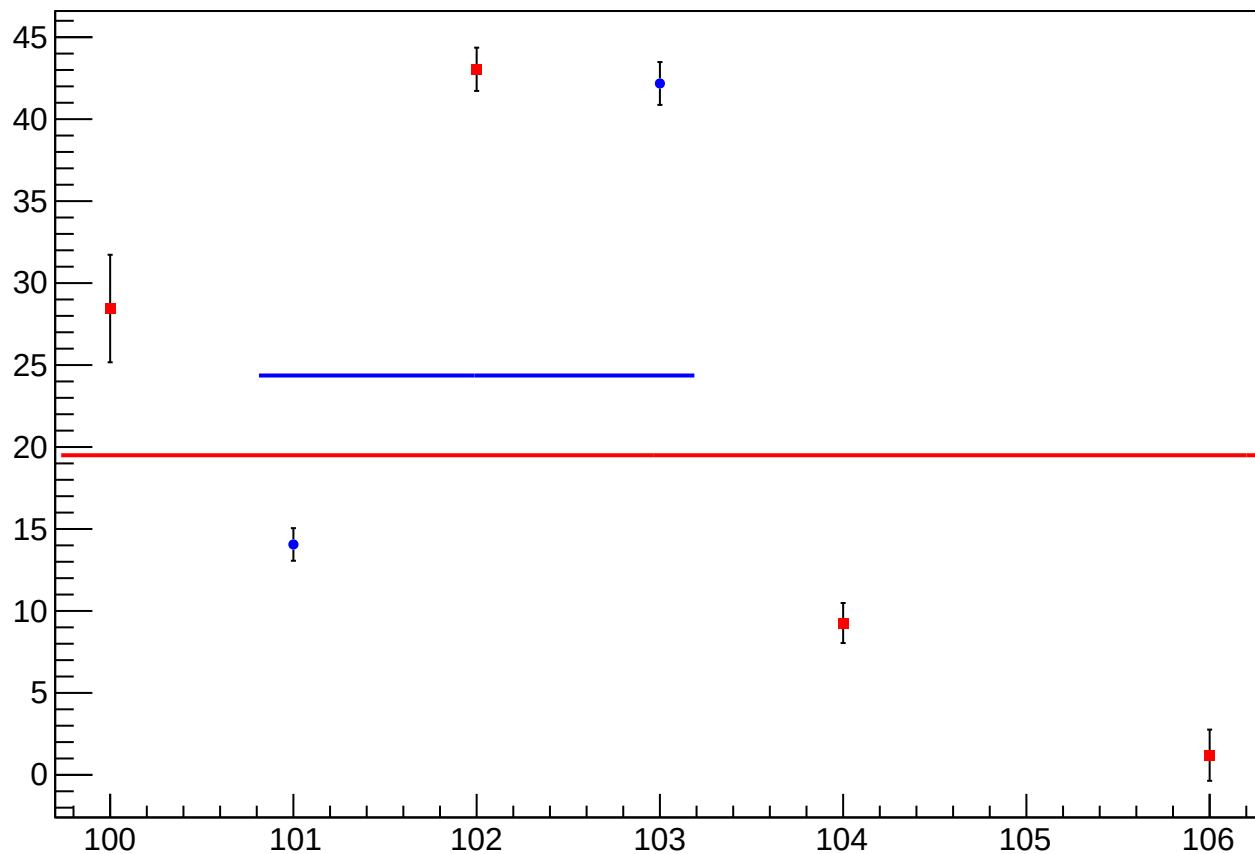
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -4.769+/-0.551 χ^2/NDF : 0.8/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -3.202+/-0.525 χ^2/NDF : 87.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.948+/-0.380 χ^2/NDF : 92.4/5
 In: -4.769+/-0.551 χ^2/NDF : 0.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.948+/-0.380 χ^2/NDF : 92.4/5

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.363+/-0.792 χ^2/NDF : 292.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.498+/-0.757 χ^2/NDF : 533.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

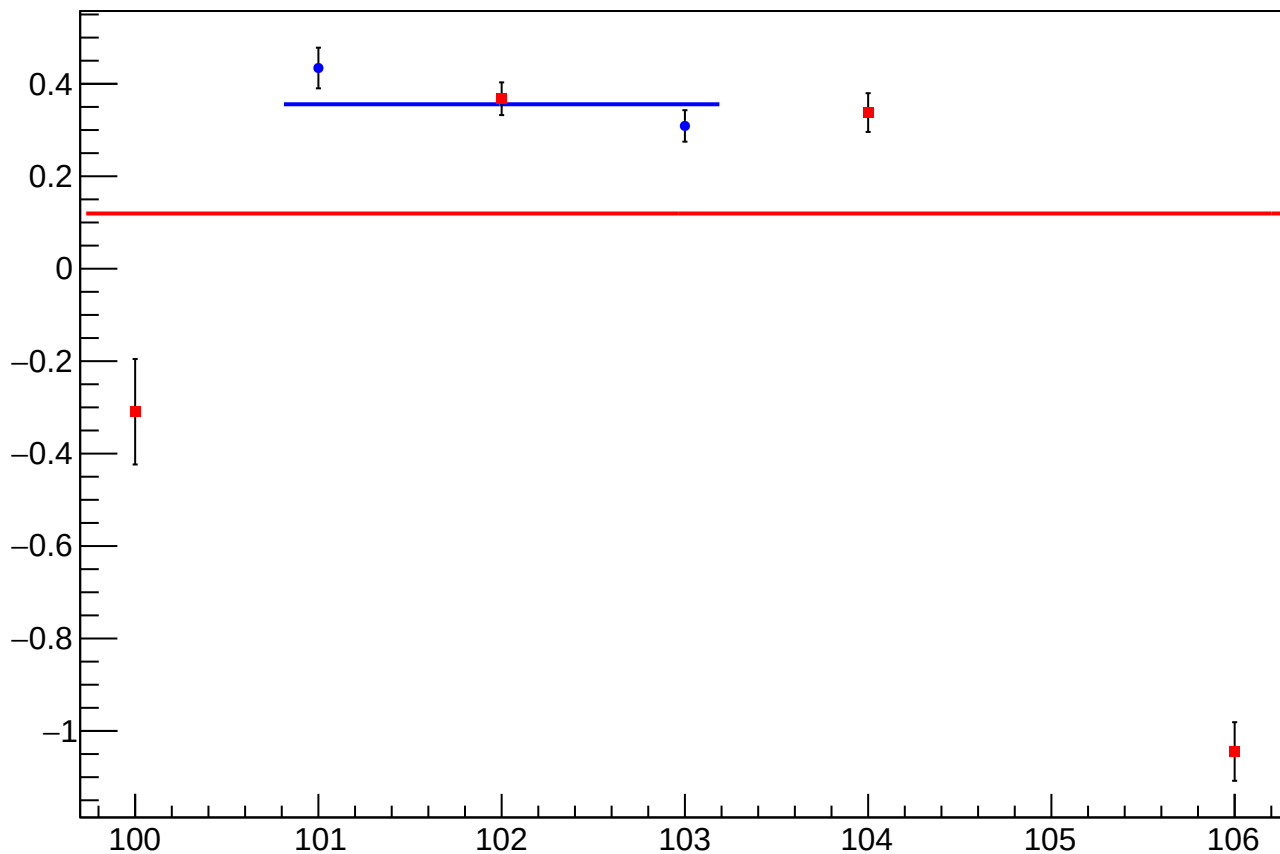
Right: 21.820+/-0.547 χ^2/NDF : 846.0/5

In: 24.363+/-0.792 χ^2/NDF : 292.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.820+/-0.547 χ^2/NDF : 846.0/5

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.356+/-0.027 χ^2/NDF : 5.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.119+/-0.024 χ^2/NDF : 427.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

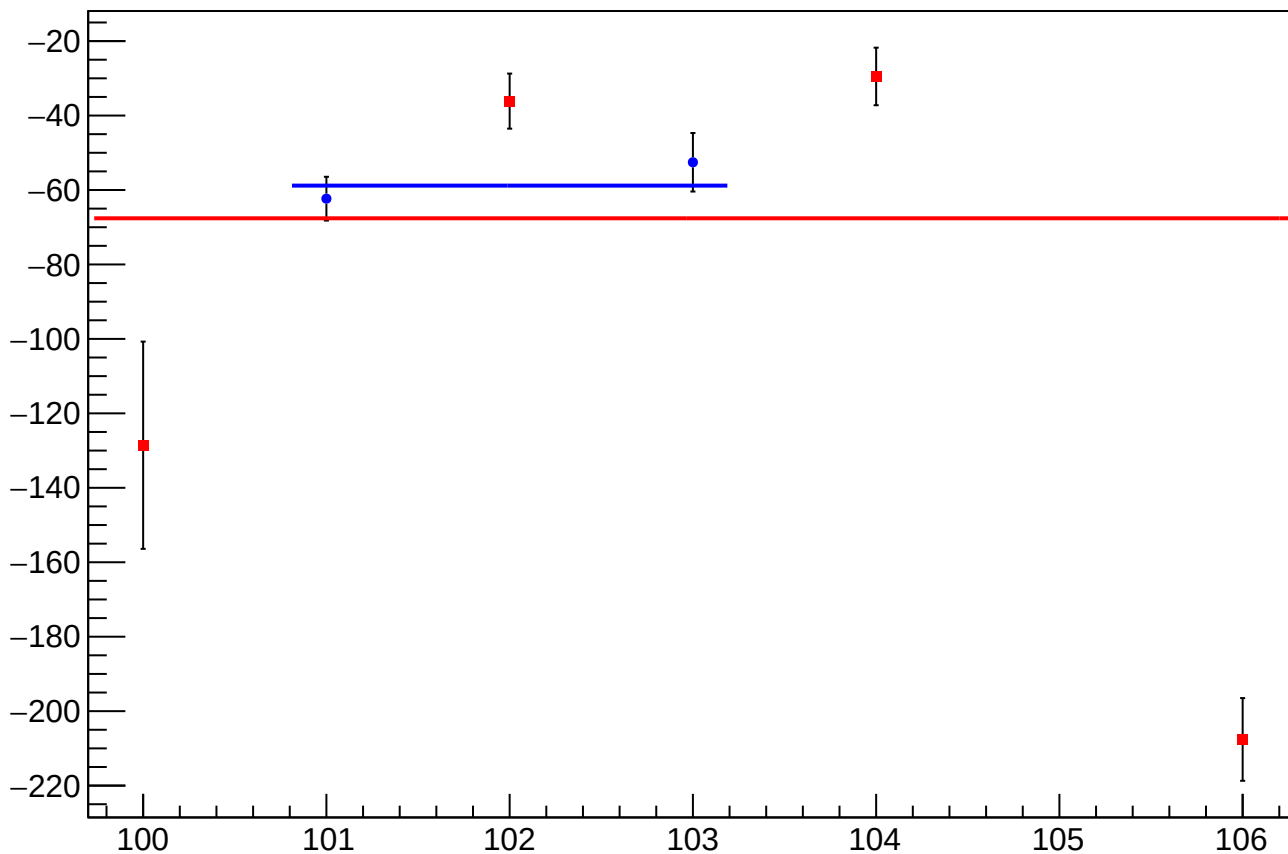
Right: 0.226+/-0.018 χ^2/NDF : 475.2/5

In: 0.356+/-0.027 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.226+/-0.018 χ^2/NDF : 475.2/5

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.822 $\pm$ 4.709 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.601 $\pm$ 4.746 χ^2 /NDF: 205.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

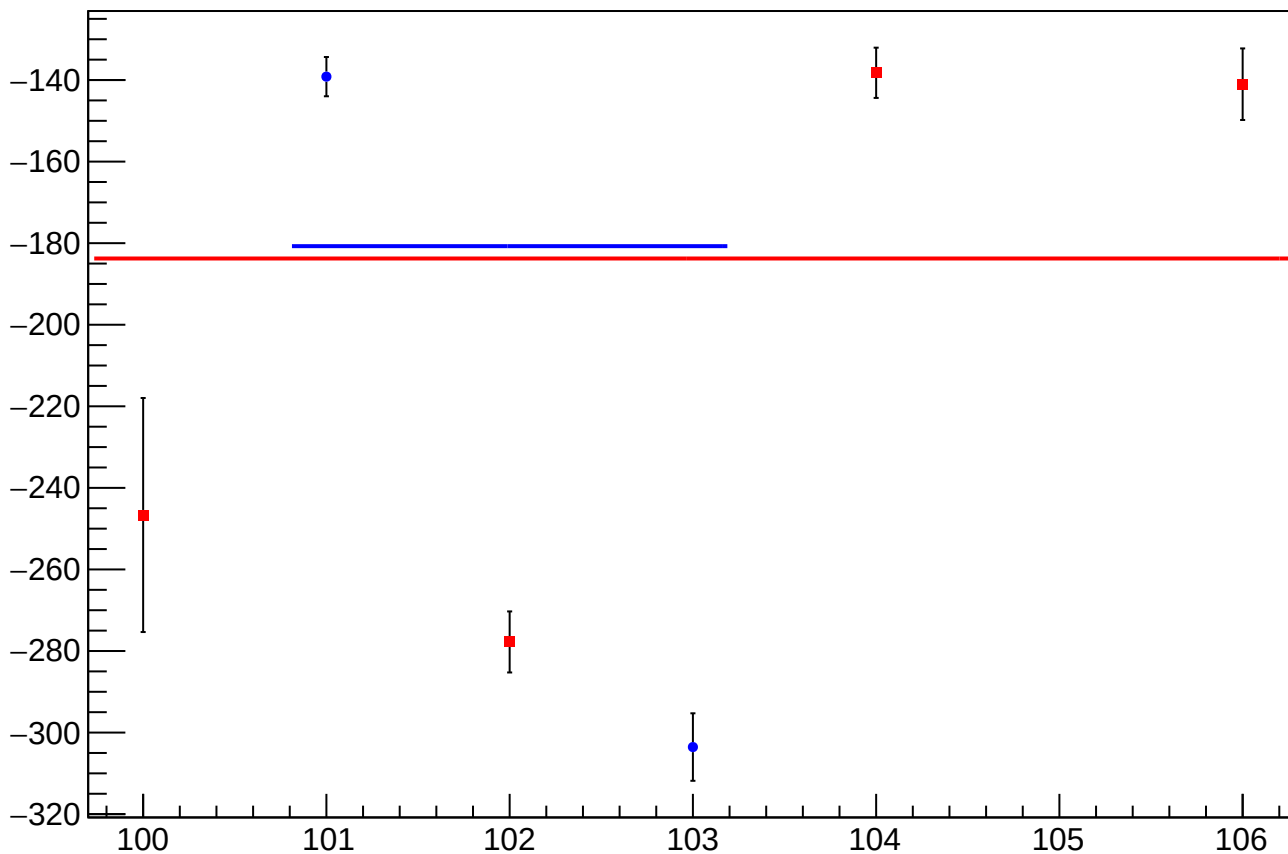
Right: -63.177 $\pm$ 3.343 χ^2 /NDF: 208.7/5

In: -58.822 $\pm$ 4.709 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.177 $\pm$ 3.343 χ^2 /NDF: 208.7/5

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -180.733+/-4.161 χ^2/NDF : 294.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.758+/-4.138 χ^2/NDF : 241.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

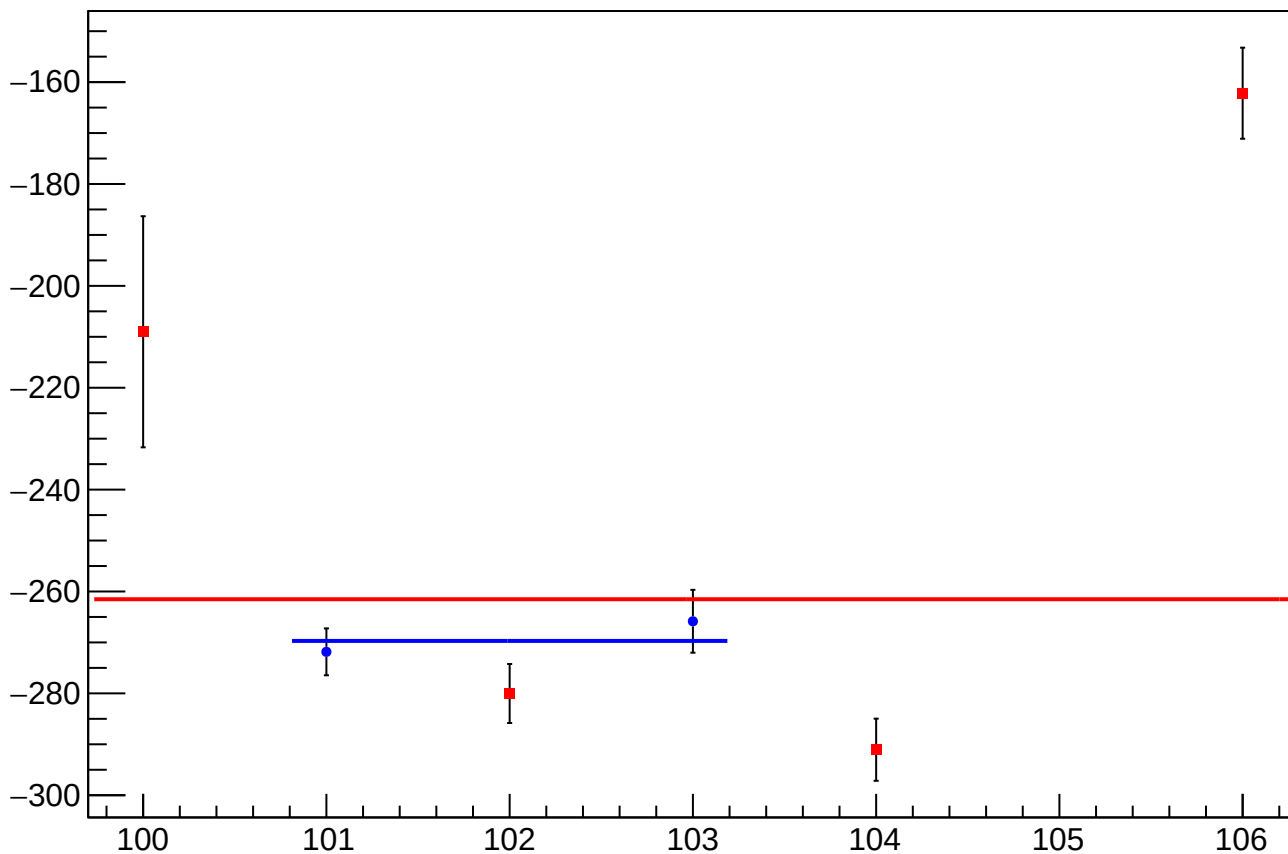
Right: -182.254+/-2.934 χ^2/NDF : 536.1/5

In: -180.733+/-4.161 χ^2/NDF : 294.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -182.254+/-2.934 χ^2/NDF : 536.1/5

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -269.704 $\pm$ 3.690 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -261.521 $\pm$ 3.750 χ^2 /NDF: 162.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

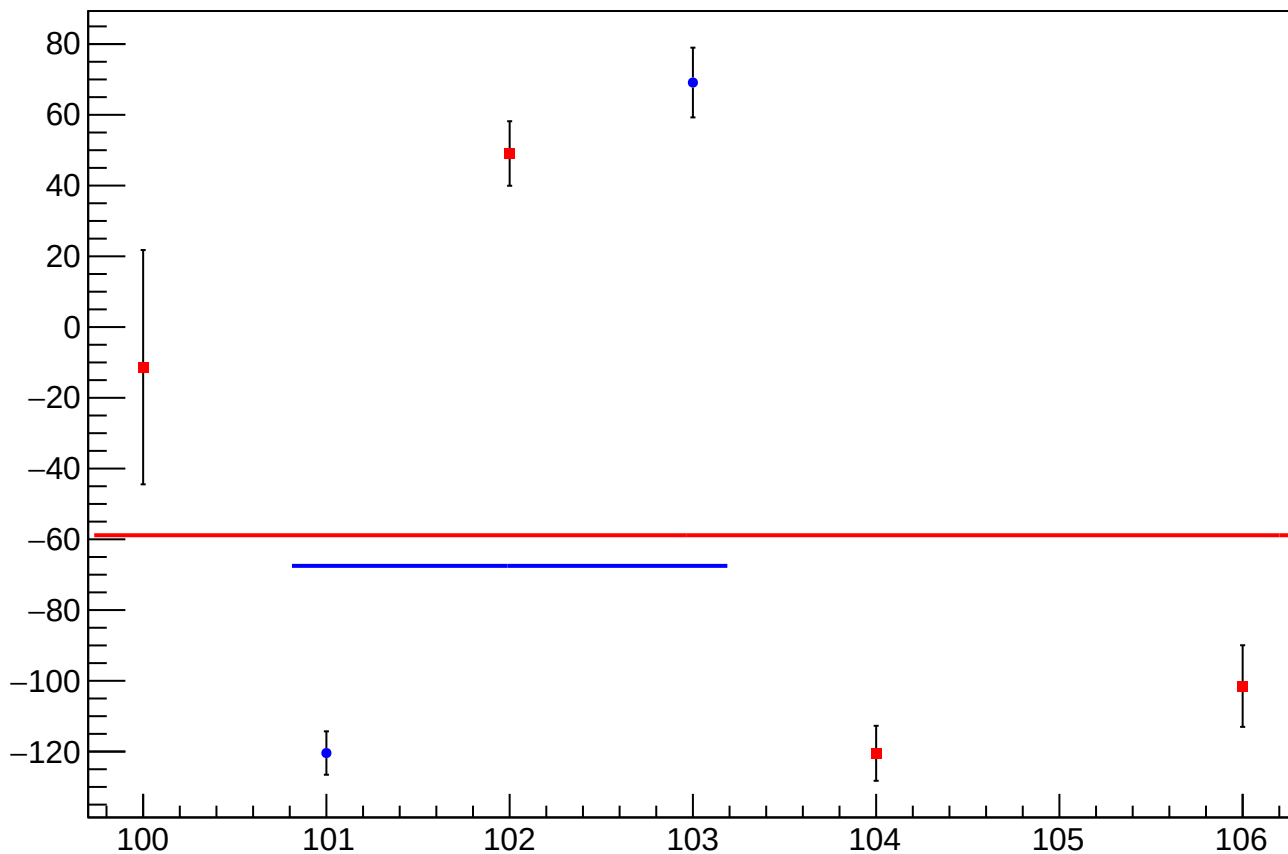
Right: -265.678 $\pm$ 2.630 χ^2 /NDF: 165.5/5

In: -269.704 $\pm$ 3.690 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -265.678 $\pm$ 2.630 χ^2 /NDF: 165.5/5

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.504+/-5.208 χ^2/NDF : 266.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.851+/-5.199 χ^2/NDF : 218.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

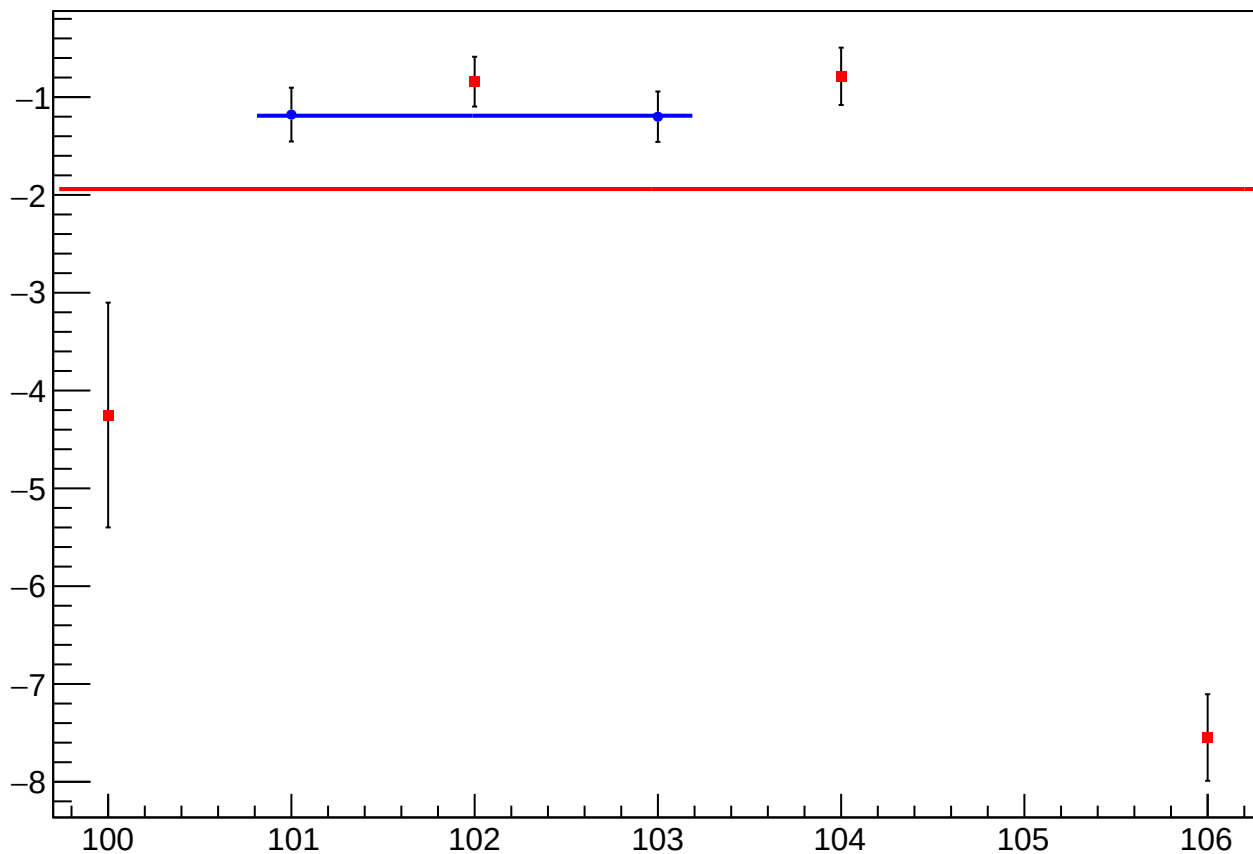
Right: -63.170+/-3.680 χ^2/NDF : 486.5/5

In: -67.504+/-5.208 χ^2/NDF : 266.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.170+/-3.680 χ^2/NDF : 486.5/5

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.190+/-0.188 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.940+/-0.174 χ^2/NDF : 198.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

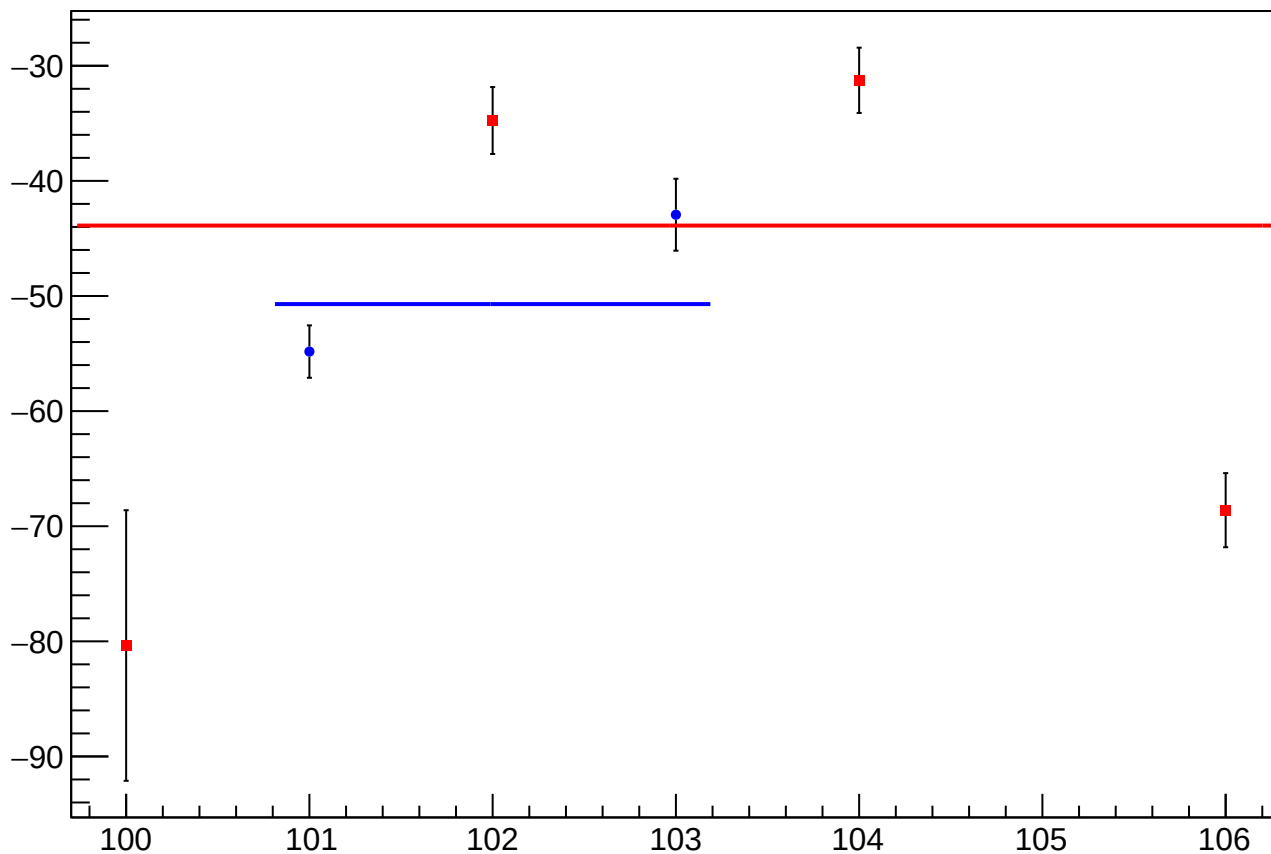
Right: -1.593+/-0.128 χ^2/NDF : 207.1/5

In: -1.190+/-0.188 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.593+/-0.128 χ^2/NDF : 207.1/5

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.704 $\pm$ 1.840 χ^2 /NDF: 9.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -43.882 $\pm$ 1.699 χ^2 /NDF: 98.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

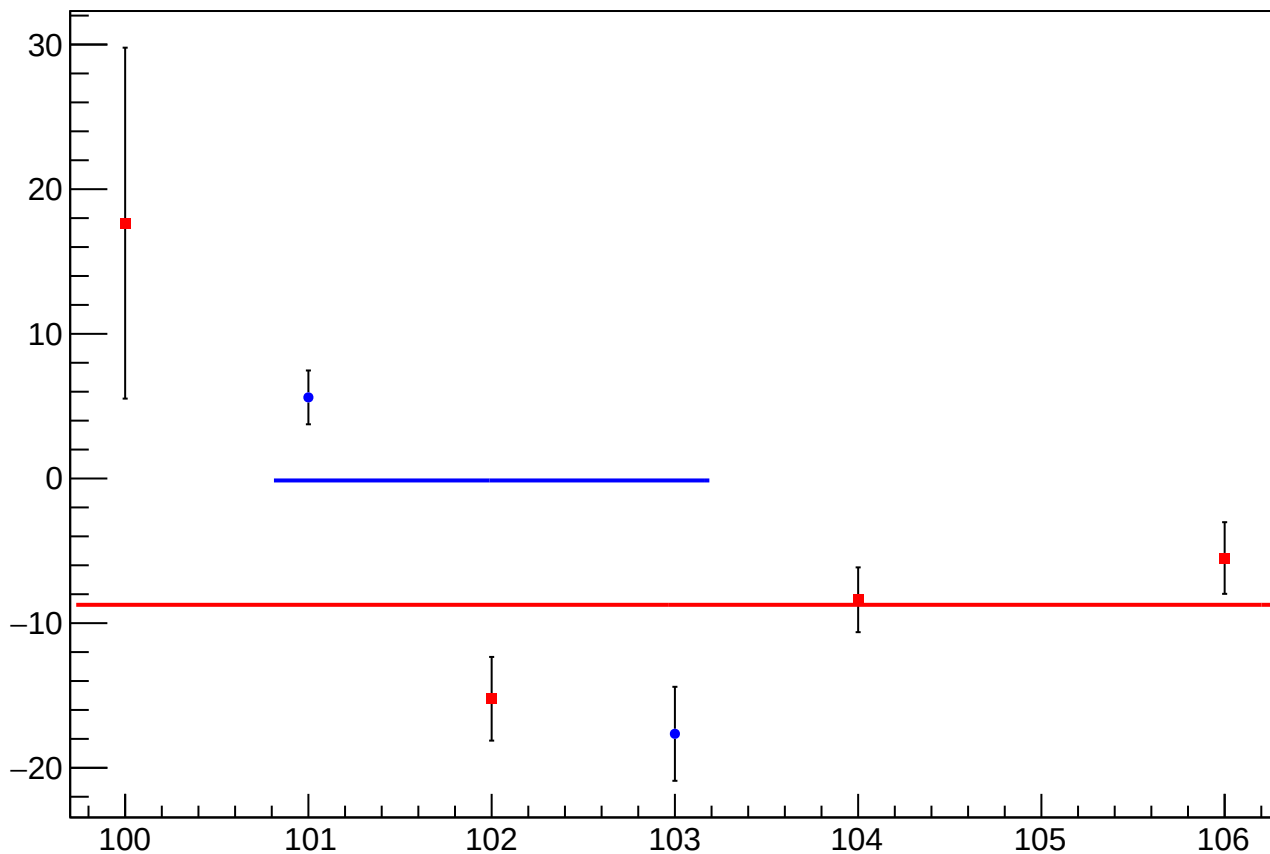
Right: -47.021 $\pm$ 1.248 χ^2 /NDF: 115.2/5

In: -50.704 $\pm$ 1.840 χ^2 /NDF: 9.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.021 $\pm$ 1.248 χ^2 /NDF: 115.2/5

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.135 $\pm$ 1.614 χ^2 /NDF: 38.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.732 $\pm$ 1.430 χ^2 /NDF: 11.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

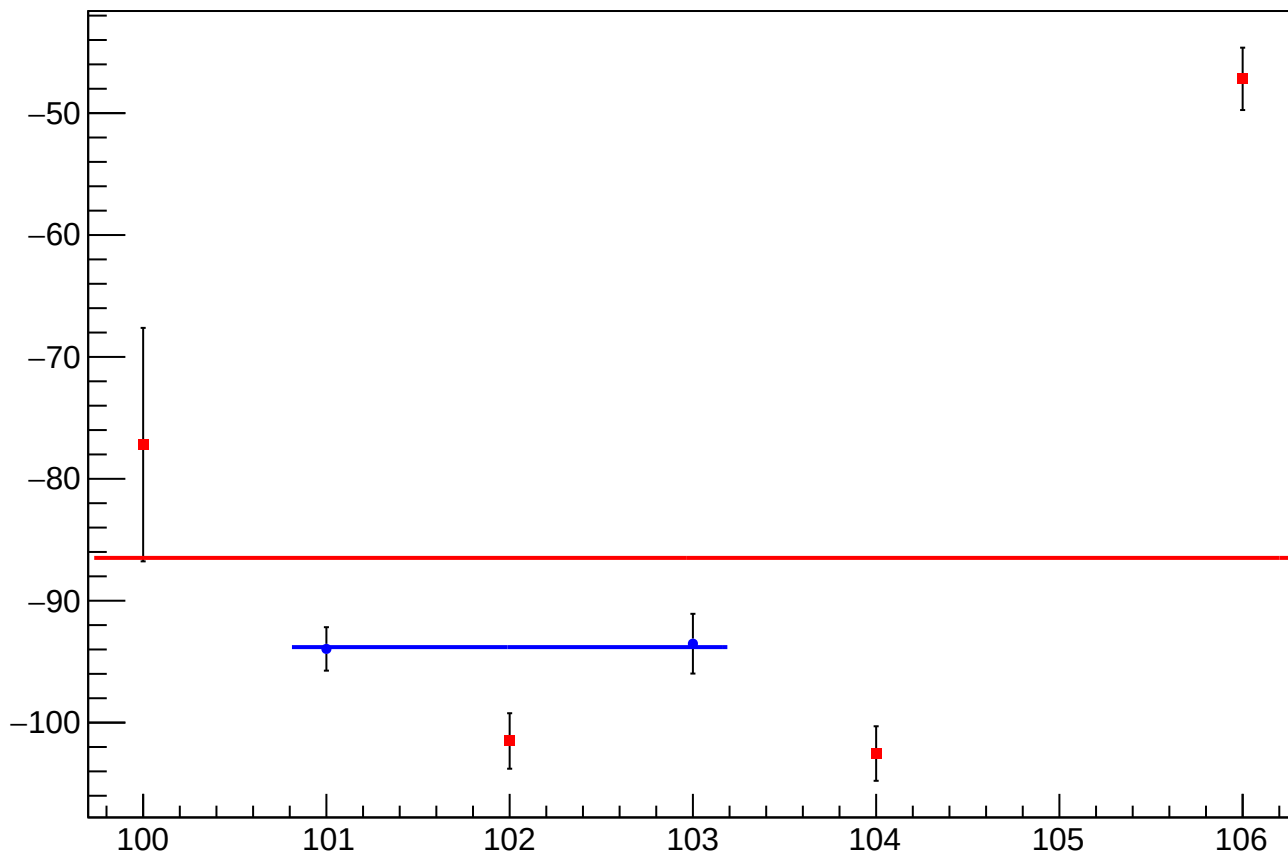
Right: -4.951 $\pm$ 1.071 χ^2 /NDF: 66.0/5

In: -0.135 $\pm$ 1.614 χ^2 /NDF:38.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.951 $\pm$ 1.071 χ^2 /NDF: 66.0/5

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.806 $\pm$ 1.441 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.487 $\pm$ 1.340 χ^2 /NDF: 332.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

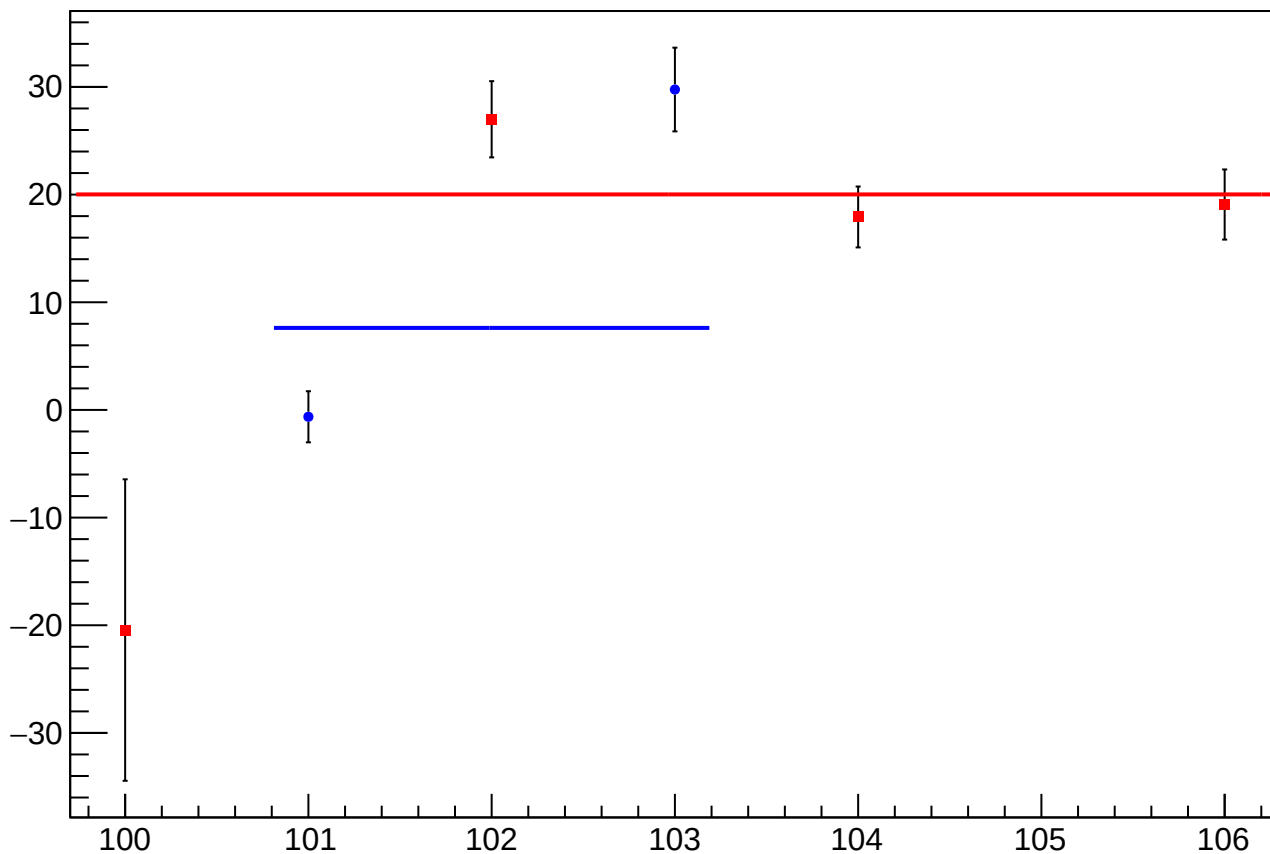
Right: -89.881 $\pm$ 0.982 χ^2 /NDF: 345.8/5

In: -93.806 $\pm$ 1.441 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -89.881 $\pm$ 0.982 χ^2 /NDF: 345.8/5

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.619+/-2.026 χ^2/NDF : 44.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.017+/-1.813 χ^2/NDF : 12.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

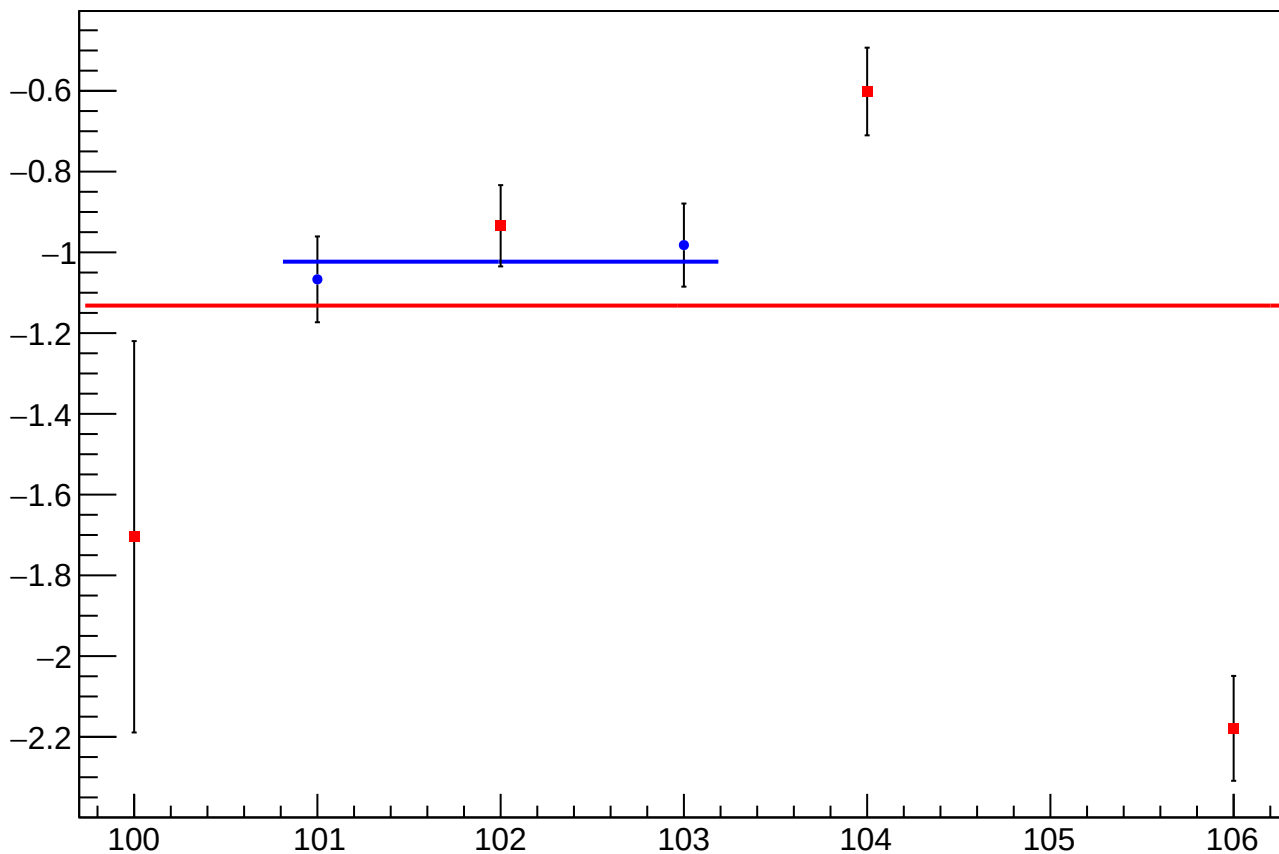
Right: 14.502+/-1.351 χ^2/NDF : 78.2/5

In: 7.619+/-2.026 χ^2/NDF : 44.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.502+/-1.351 χ^2/NDF : 78.2/5

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.023 ± 0.074 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.132 ± 0.064 $\chi^2/\text{NDF}: 94.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

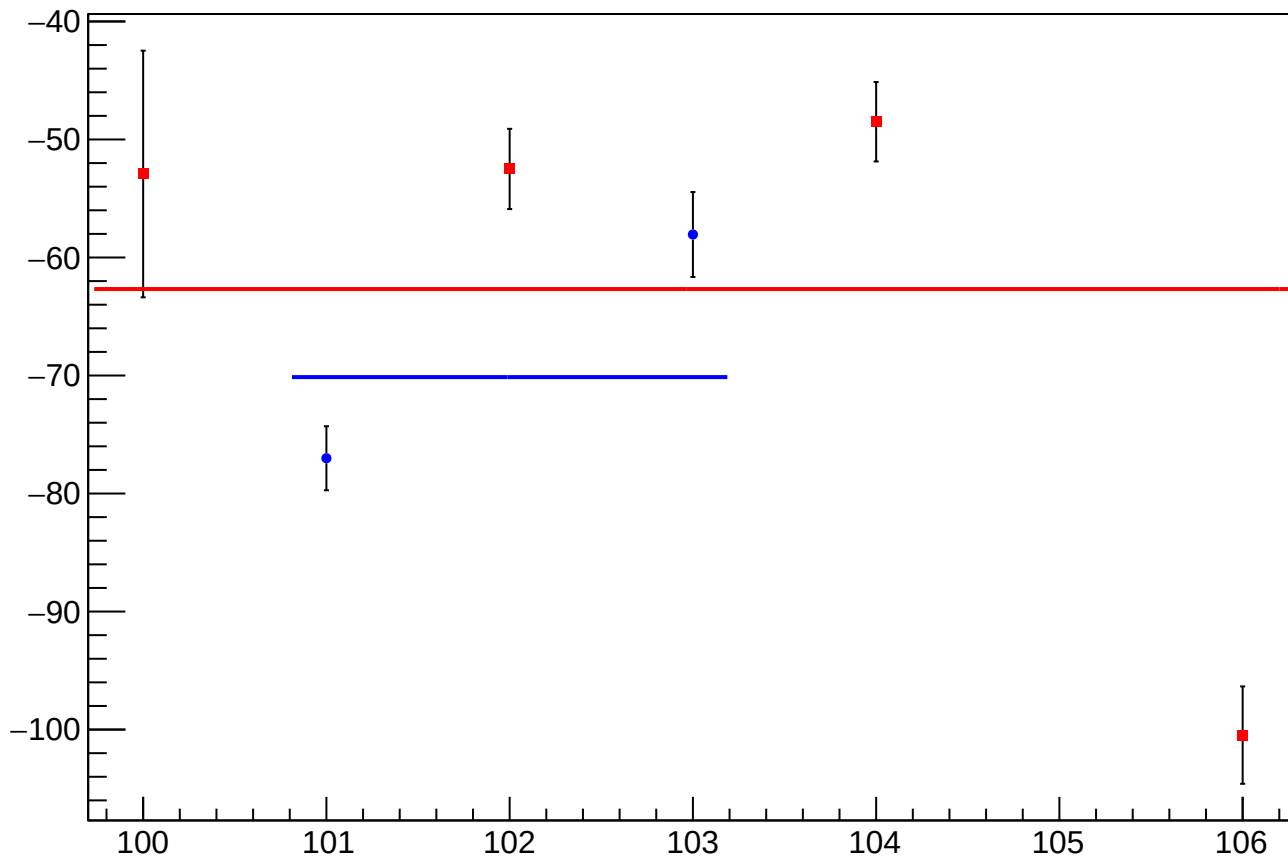
Right: -1.086 ± 0.048 $\chi^2/\text{NDF}: 95.7/5$

In: -1.023 ± 0.074 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.086 ± 0.048 $\chi^2/\text{NDF}: 95.7/5$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.134 ± 2.166 $\chi^2/\text{NDF}: 17.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -62.671 ± 2.030 $\chi^2/\text{NDF}: 111.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

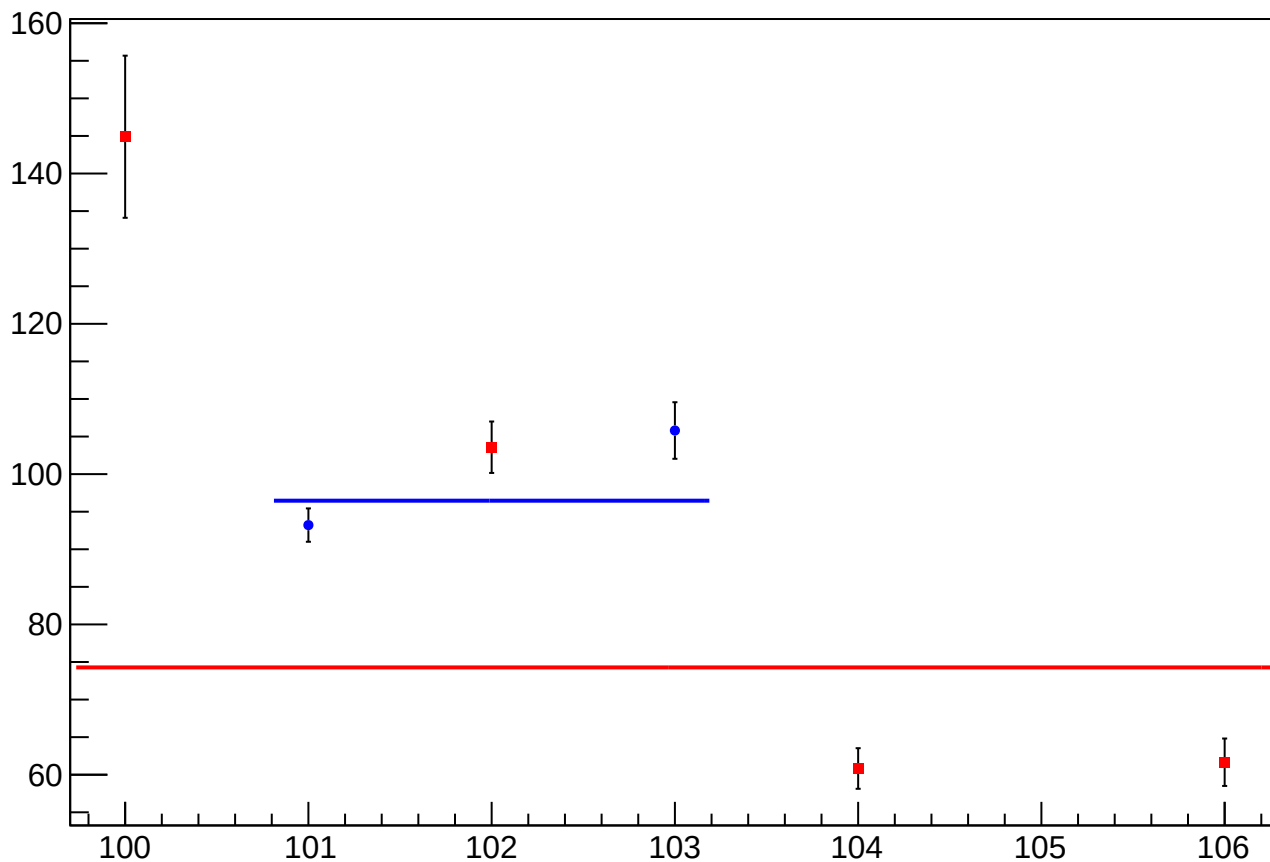
Right: -66.160 ± 1.481 $\chi^2/\text{NDF}: 135.5/5$

In: -70.134 ± 2.166 $\chi^2/\text{NDF}: 17.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -66.160 ± 1.481 $\chi^2/\text{NDF}: 135.5/5$

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 96.465+/-1.912 χ^2/NDF : 8.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.279+/-1.737 χ^2/NDF : 156.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

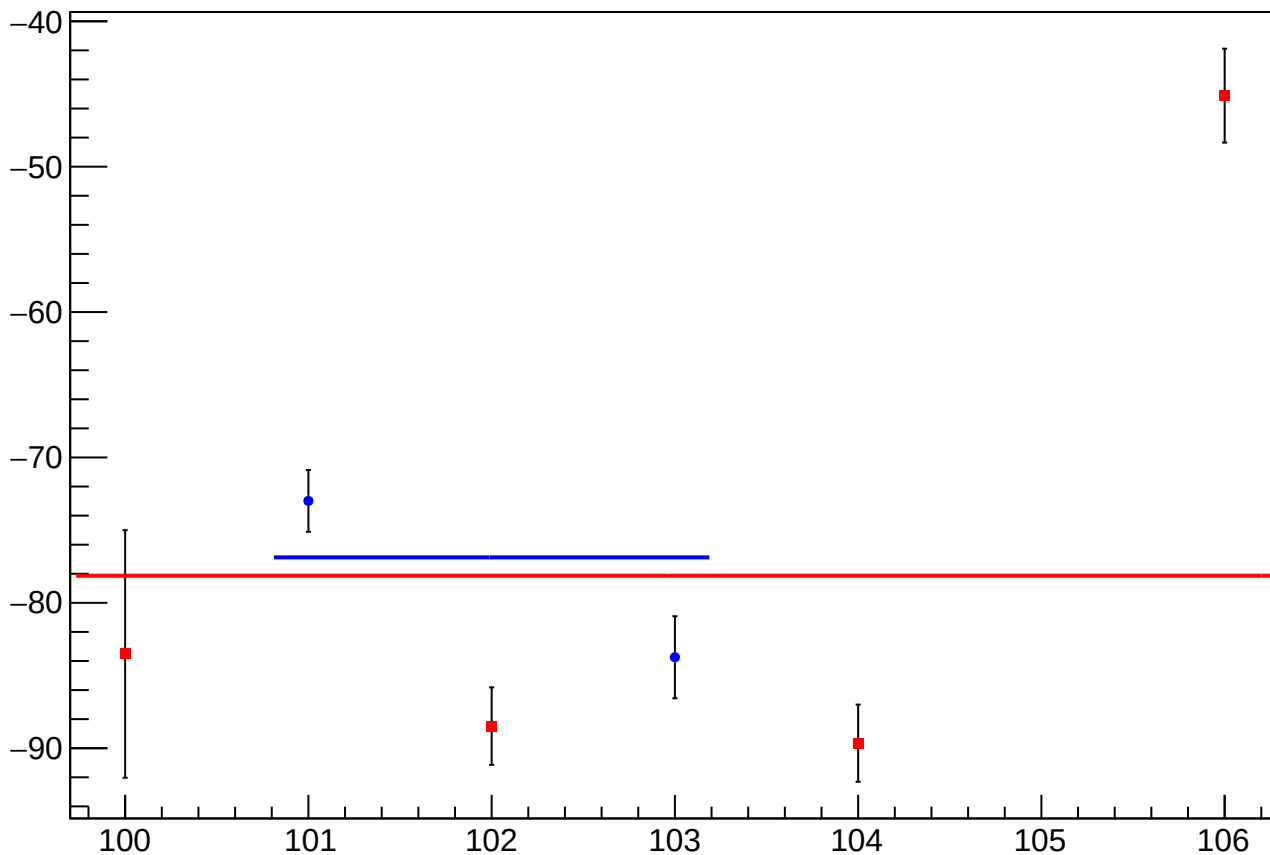
Right: 84.312+/-1.286 χ^2/NDF : 239.0/5

In: 96.465+/-1.912 χ^2/NDF : 8.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.312+/-1.286 χ^2/NDF : 239.0/5

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.873+/-1.697 χ^2/NDF : 9.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.134+/-1.596 χ^2/NDF : 138.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

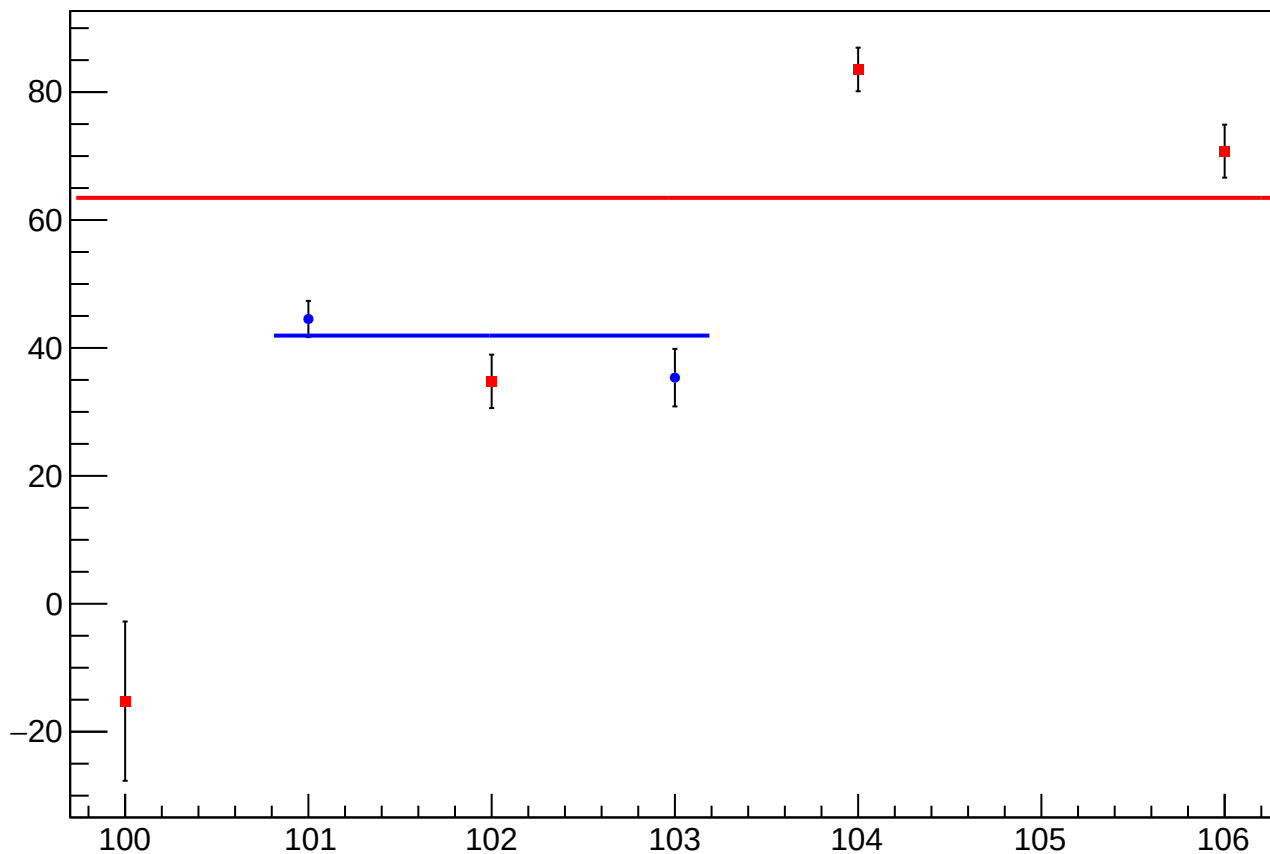
Right: -77.542+/-1.163 χ^2/NDF : 148.4/5

In: -76.873+/-1.697 χ^2/NDF : 9.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.542+/-1.163 χ^2/NDF : 148.4/5

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.930+/-2.394 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.469+/-2.192 χ^2/NDF : 124.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

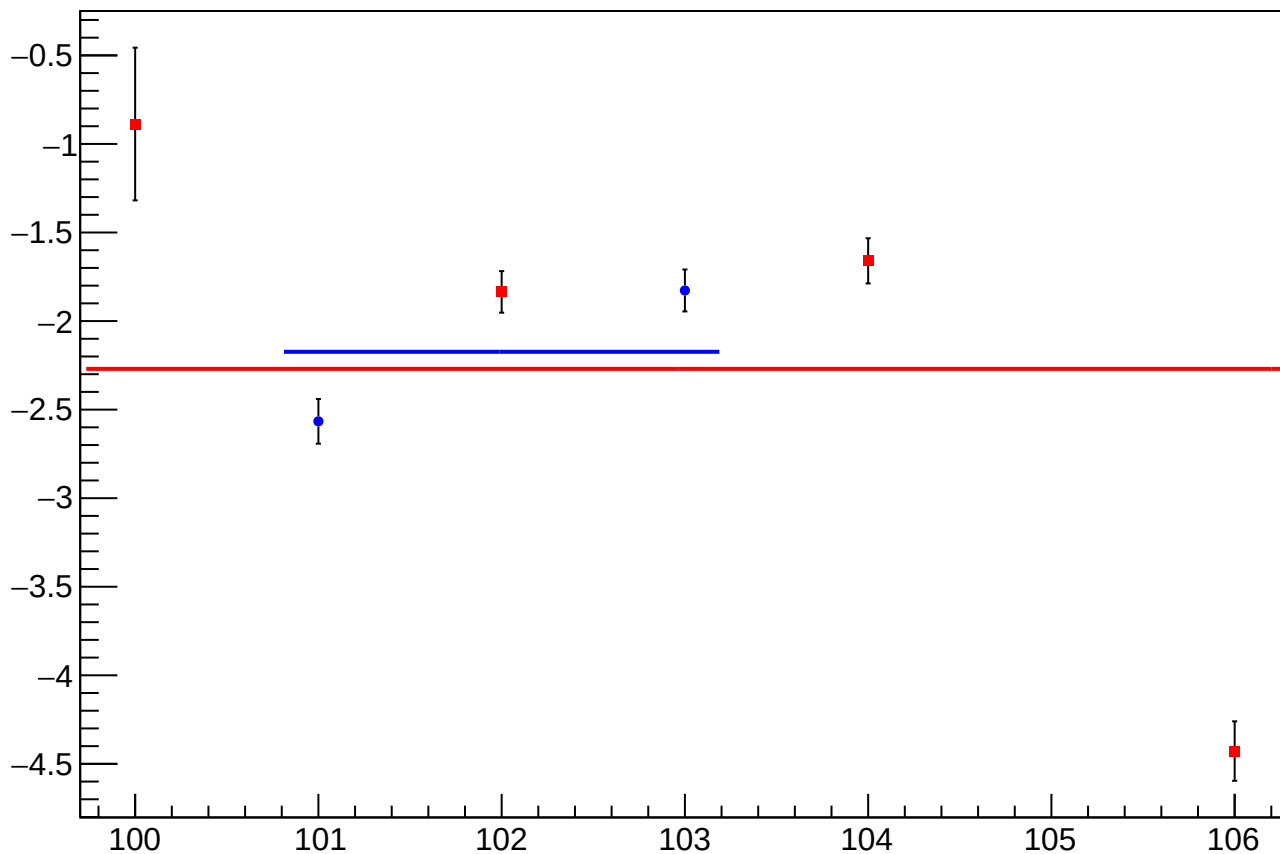
Right: 53.645+/-1.617 χ^2/NDF : 171.9/5

In: 41.930+/-2.394 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.645+/-1.617 χ^2/NDF : 171.9/5

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -2.174+/-0.086 χ^2/NDF : 18.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.270+/-0.076 χ^2/NDF : 212.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

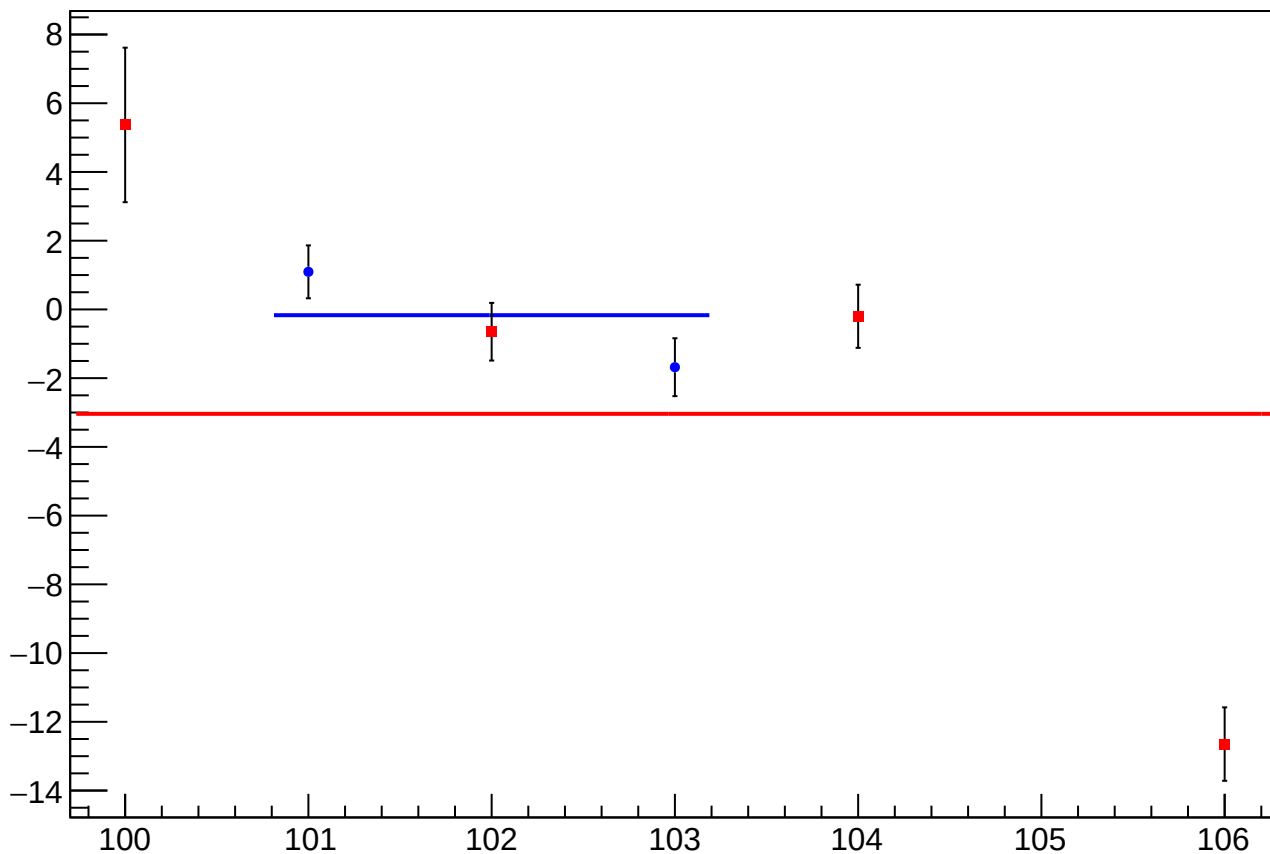
Right: -2.228+/-0.057 χ^2/NDF : 231.0/5

In: -2.174+/-0.086 χ^2/NDF : 18.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.228+/-0.057 χ^2/NDF : 231.0/5

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.168 $\pm$ 0.568 χ^2 /NDF: 5.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.038 $\pm$ 0.521 χ^2 /NDF: 112.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

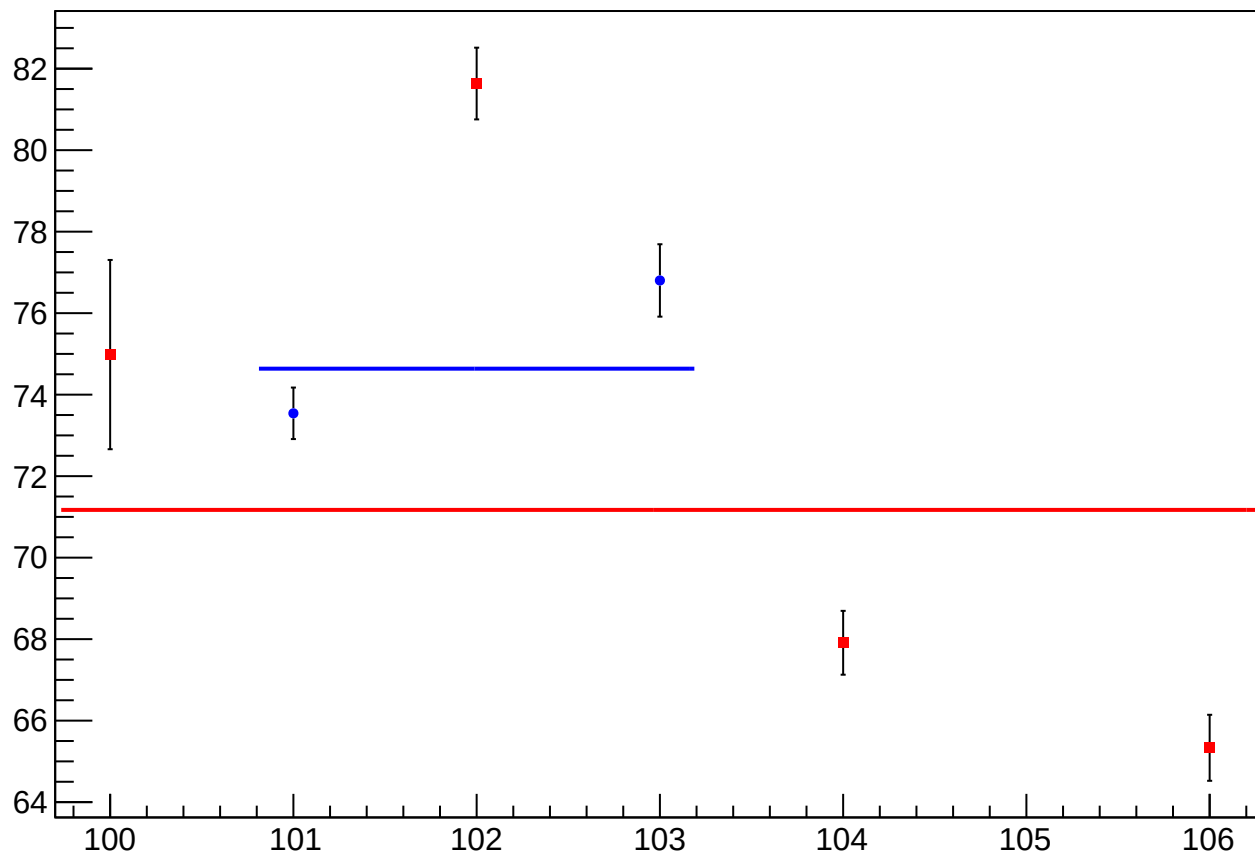
Right: -1.726 $\pm$ 0.384 χ^2 /NDF: 132.3/5

In: -0.168 $\pm$ 0.568 χ^2 /NDF:5.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.726 $\pm$ 0.384 χ^2 /NDF: 132.3/5

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 74.638 $\pm$ 0.515 χ^2 /NDF: 8.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.172 $\pm$ 0.465 χ^2 /NDF: 213.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

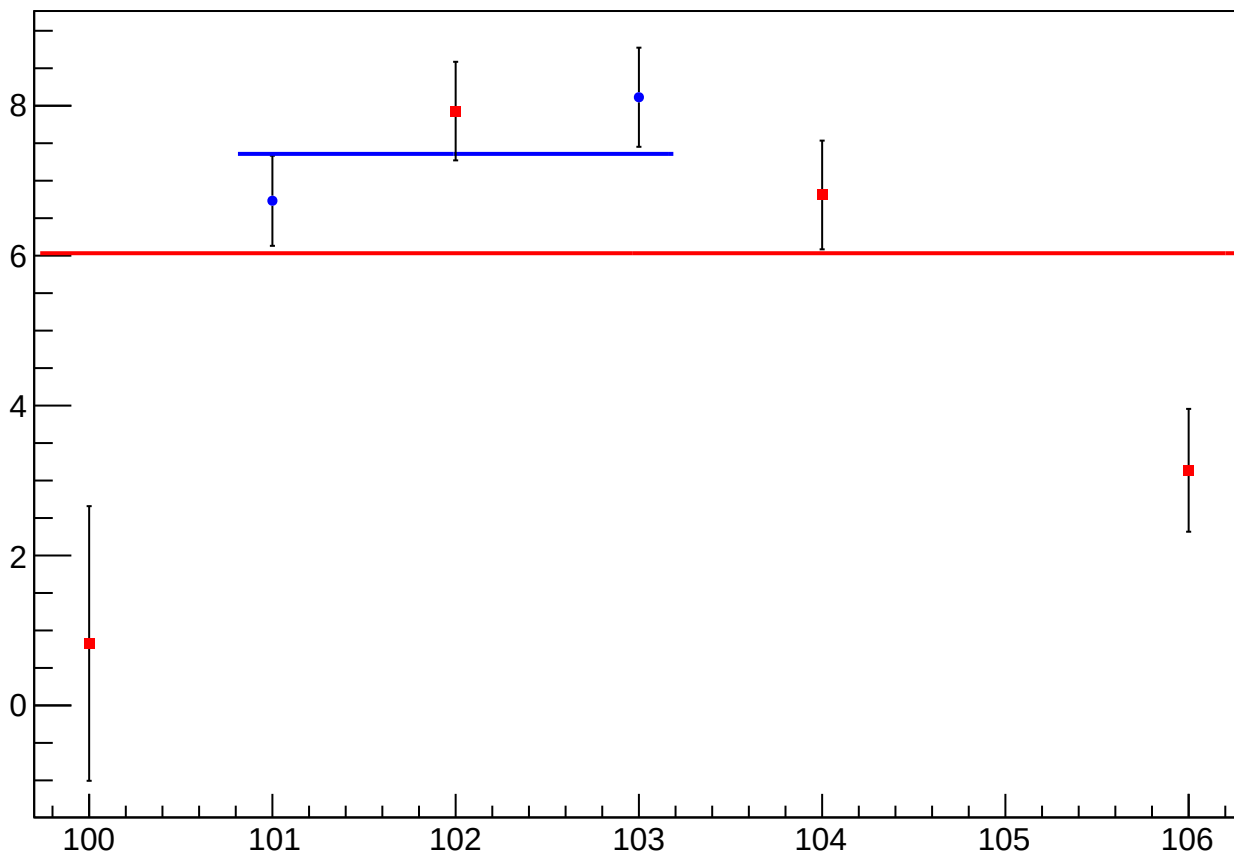
Right: 72.727 $\pm$ 0.345 χ^2 /NDF: 247.2/5

In: 74.638 $\pm$ 0.515 χ^2 /NDF: 8.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.727 $\pm$ 0.345 χ^2 /NDF: 247.2/5

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.358 $\pm$ 0.445 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.033 $\pm$ 0.408 χ^2 /NDF: 30.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

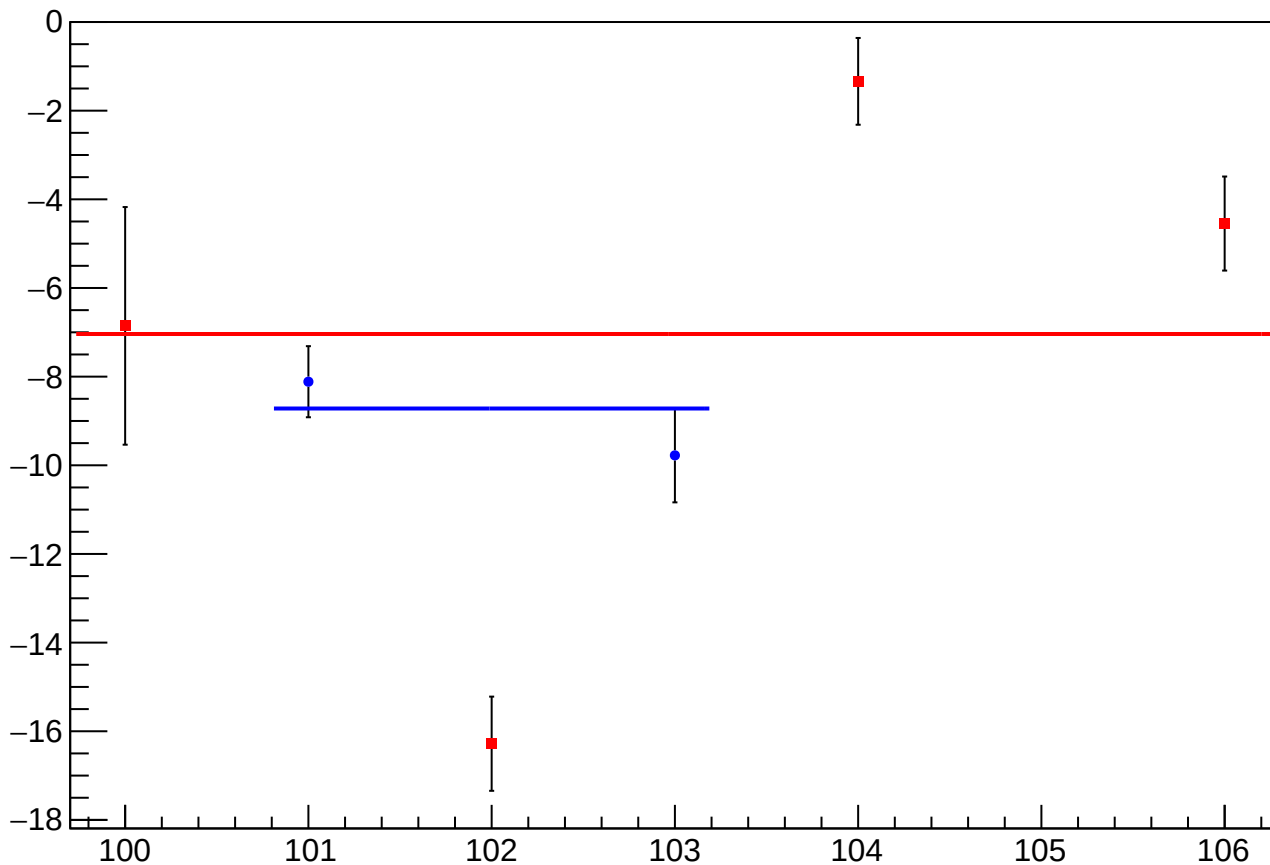
Right: 6.638 $\pm$ 0.301 χ^2 /NDF: 37.2/5

In: 7.358 $\pm$ 0.445 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.638 $\pm$ 0.301 χ^2 /NDF: 37.2/5

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.719+/-0.640 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.038+/-0.581 χ^2/NDF : 115.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

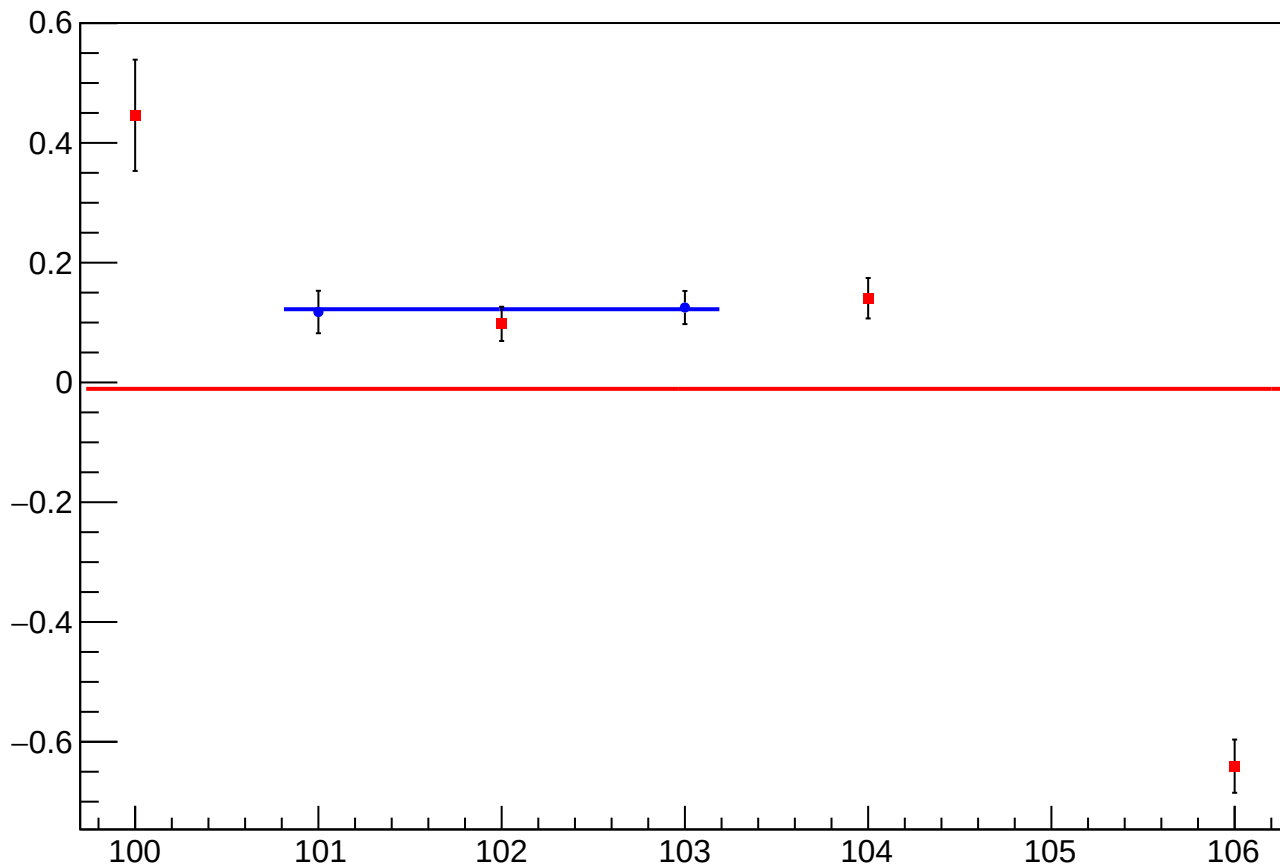
Right: -7.799+/-0.430 χ^2/NDF : 120.5/5

In: -8.719+/-0.640 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.799+/-0.430 χ^2/NDF : 120.5/5

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.122+/-0.022 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.019 χ^2/NDF : 259.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

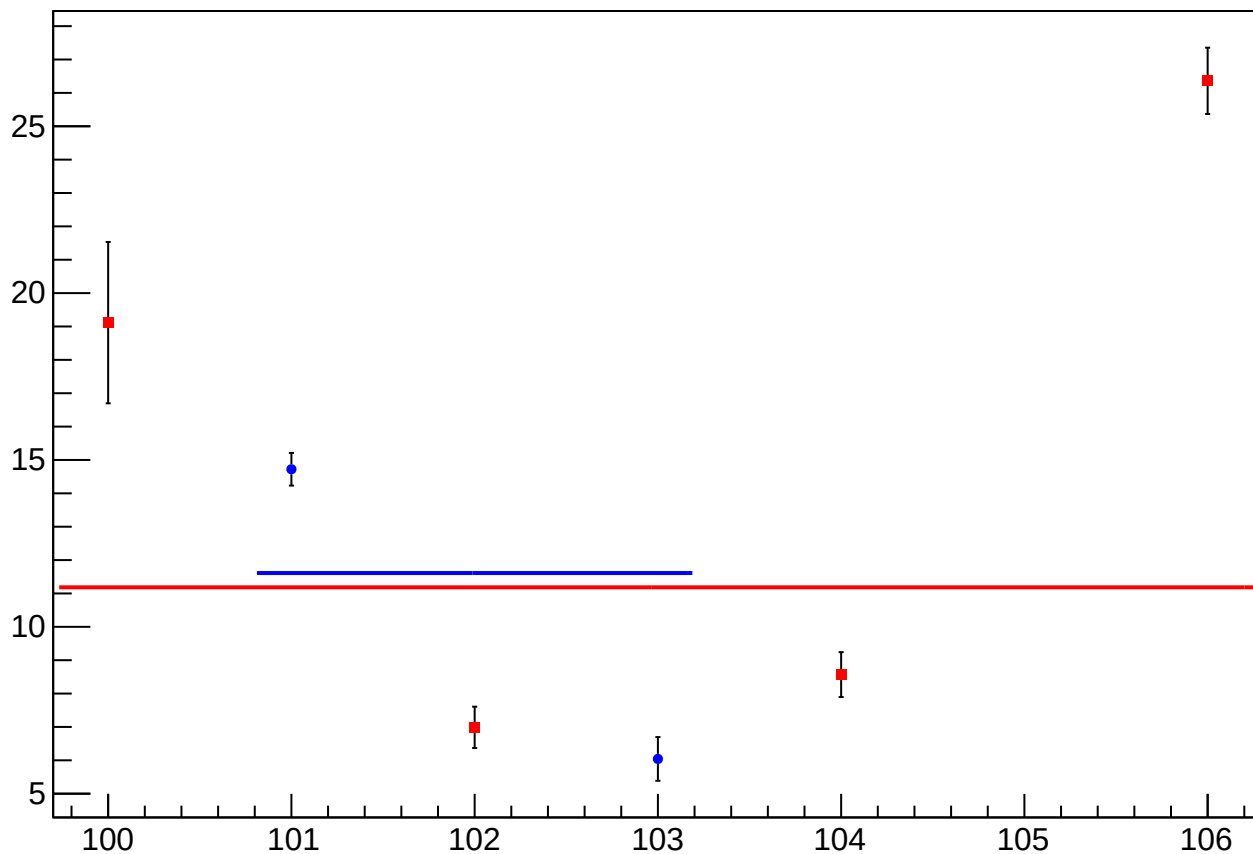
Right: 0.047+/-0.014 χ^2/NDF : 280.7/5

In: 0.122+/-0.022 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.014 χ^2/NDF : 280.7/5

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.612 $\pm$ 0.392 χ^2 /NDF: 112.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.184 $\pm$ 0.408 χ^2 /NDF: 305.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

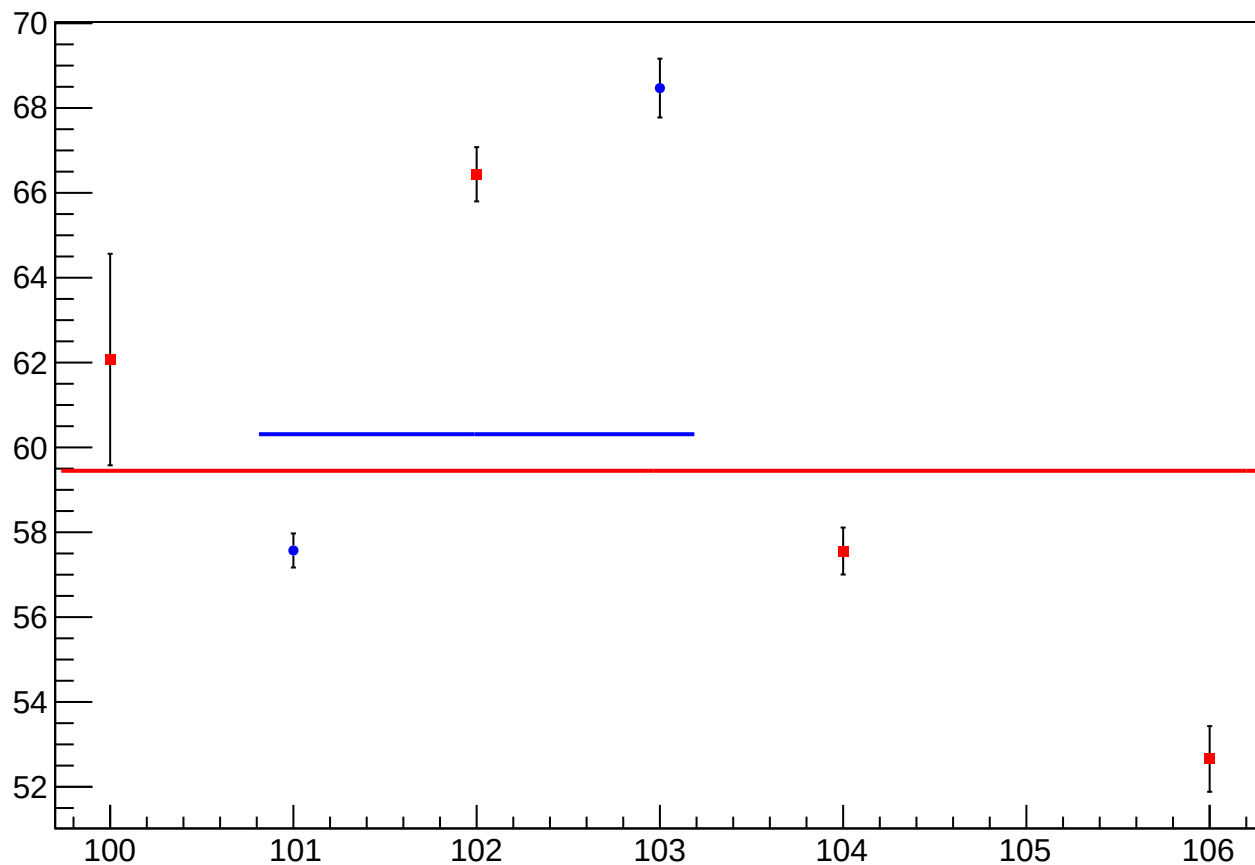
Right: 11.406 $\pm$ 0.283 χ^2 /NDF: 418.3/5

In: 11.612 $\pm$ 0.392 χ^2 /NDF:112.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.406 $\pm$ 0.283 χ^2 /NDF: 418.3/5

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.311+/-0.348 χ^2 /NDF: 185.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 59.449+/-0.364 χ^2 /NDF: 209.4/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

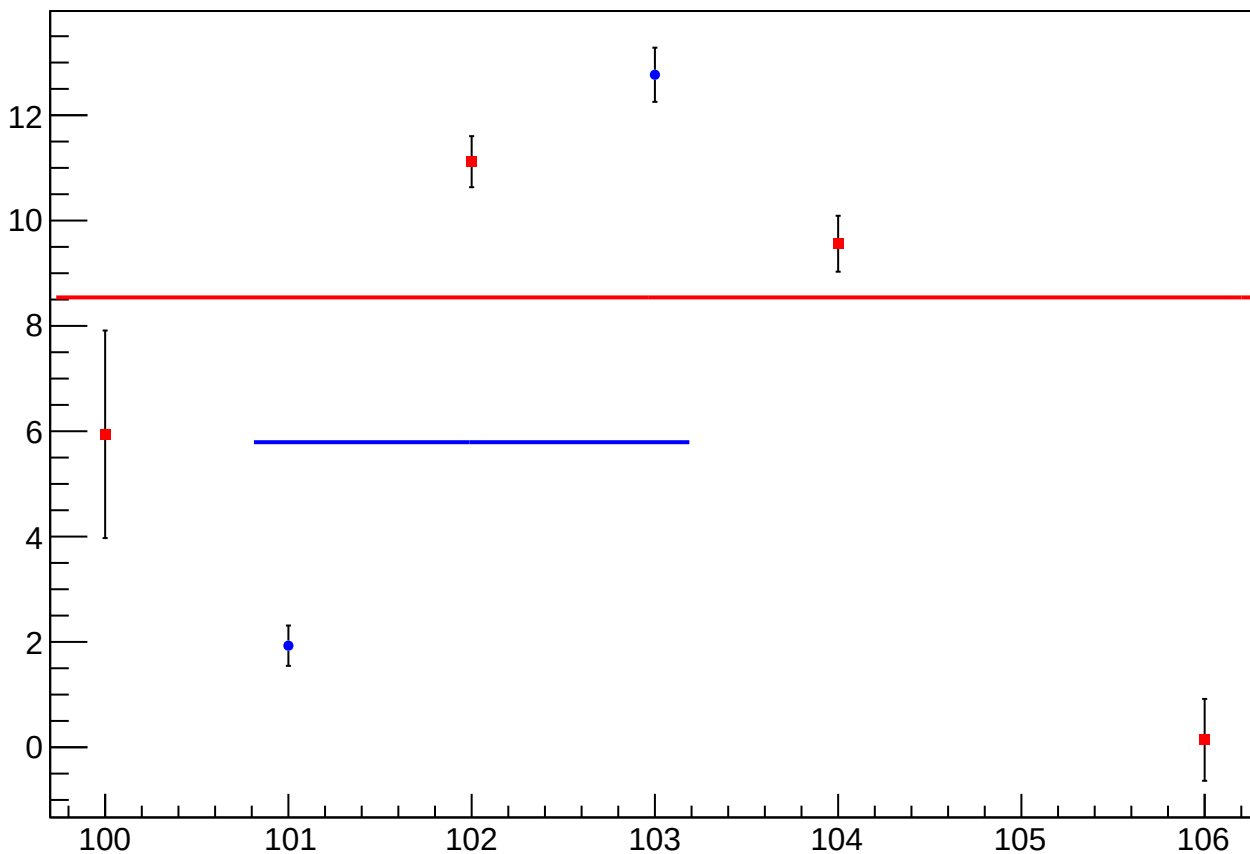
Right: 59.900+/-0.251 χ^2 /NDF: 397.3/5

In: 60.311+/-0.348 χ^2 /NDF:185.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 59.900+/-0.251 χ^2 /NDF: 397.3/5

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 5.792+/-0.307 χ^2/NDF : 285.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.541+/-0.321 χ^2/NDF : 150.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

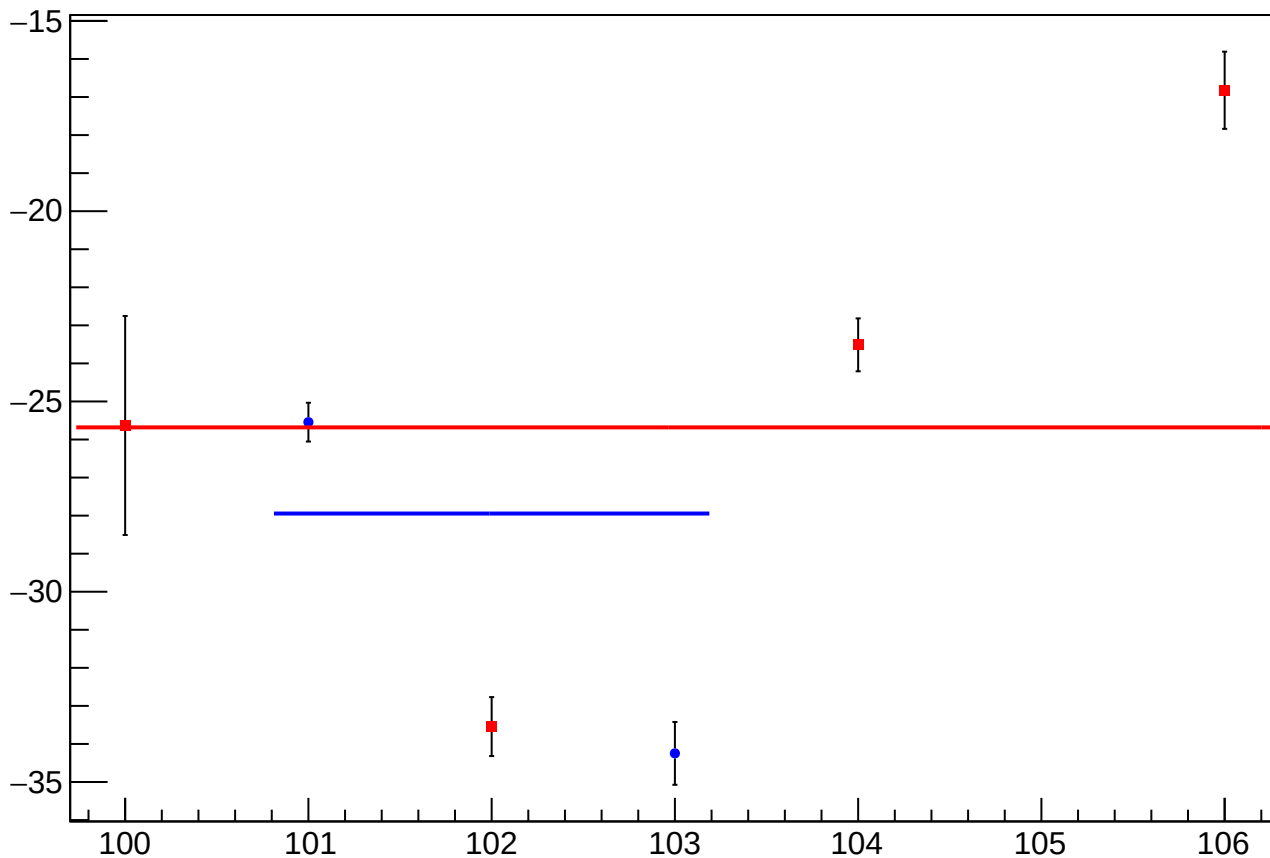
Right: 7.106+/-0.222 χ^2/NDF : 474.7/5

In: 5.792+/-0.307 χ^2/NDF : 285.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.106+/-0.222 χ^2/NDF : 474.7/5

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.945 $\pm$ 0.434 χ^2 /NDF: 80.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -25.681 $\pm$ 0.455 χ^2 /NDF: 189.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

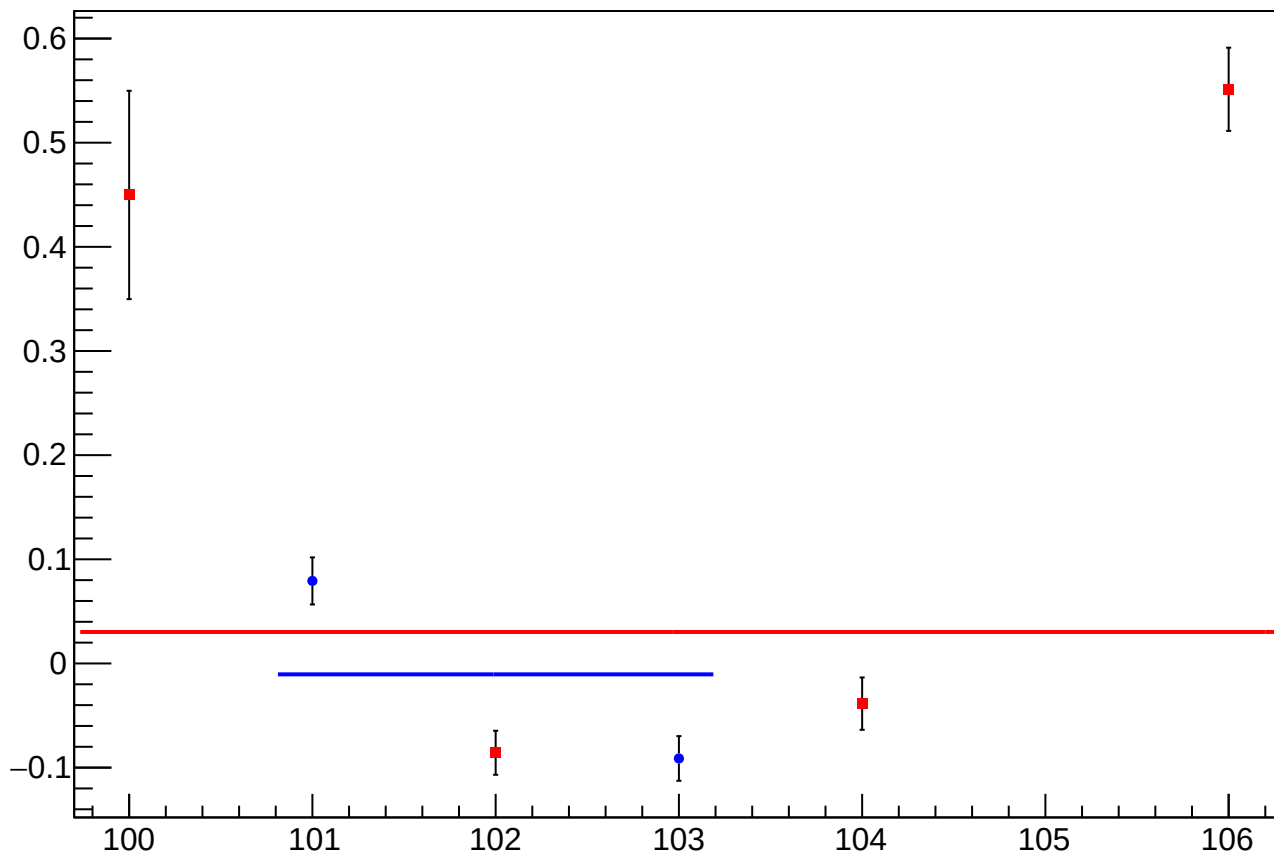
Right: -26.868 $\pm$ 0.314 χ^2 /NDF: 282.4/5

In: -27.945 $\pm$ 0.434 χ^2 /NDF:80.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.868 $\pm$ 0.314 χ^2 /NDF: 282.4/5

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.016 χ^2 /NDF: 29.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.030 $\pm$ 0.015 χ^2 /NDF: 225.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

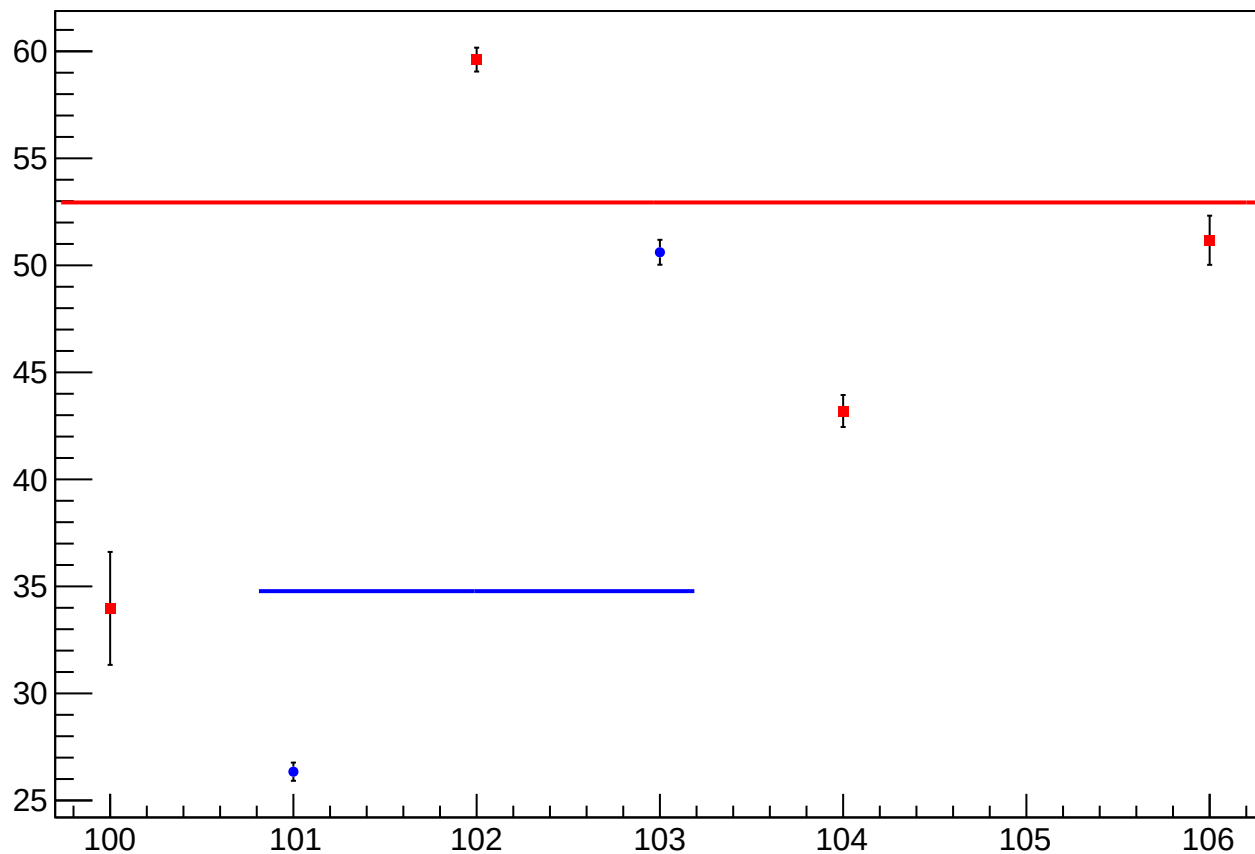
Right: 0.011 $\pm$ 0.011 χ^2 /NDF: 258.8/5

In: -0.010 $\pm$ 0.016 χ^2 /NDF:29.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.011 χ^2 /NDF: 258.8/5

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.778+/-0.343 χ^2/NDF : 1133.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.938+/-0.411 χ^2/NDF : 367.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

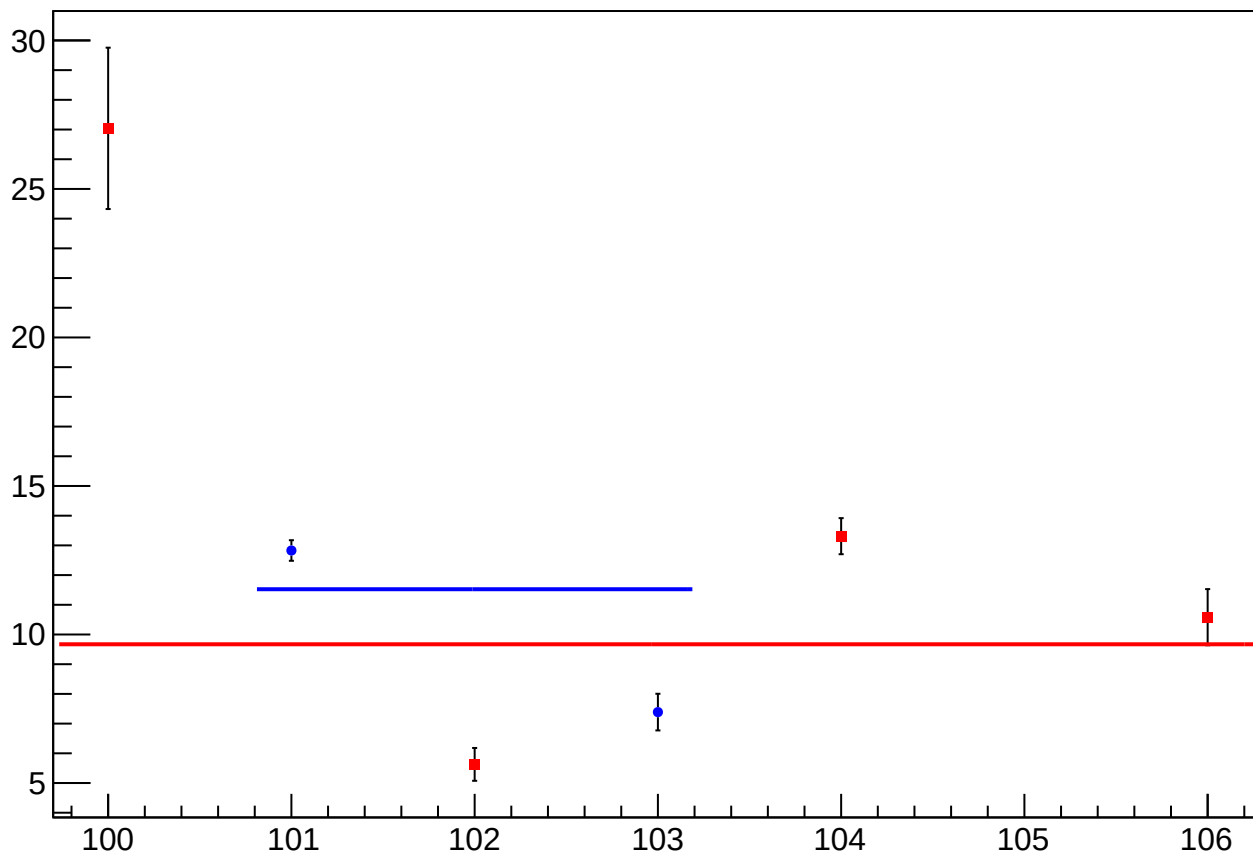
Right: 42.231+/-0.264 χ^2/NDF : 2648.9/5

In: 34.778+/-0.343 χ^2/NDF : 1133.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.231+/-0.264 χ^2/NDF : 2648.9/5

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.524+/-0.302 χ^2/NDF : 59.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.671+/-0.372 χ^2/NDF : 131.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

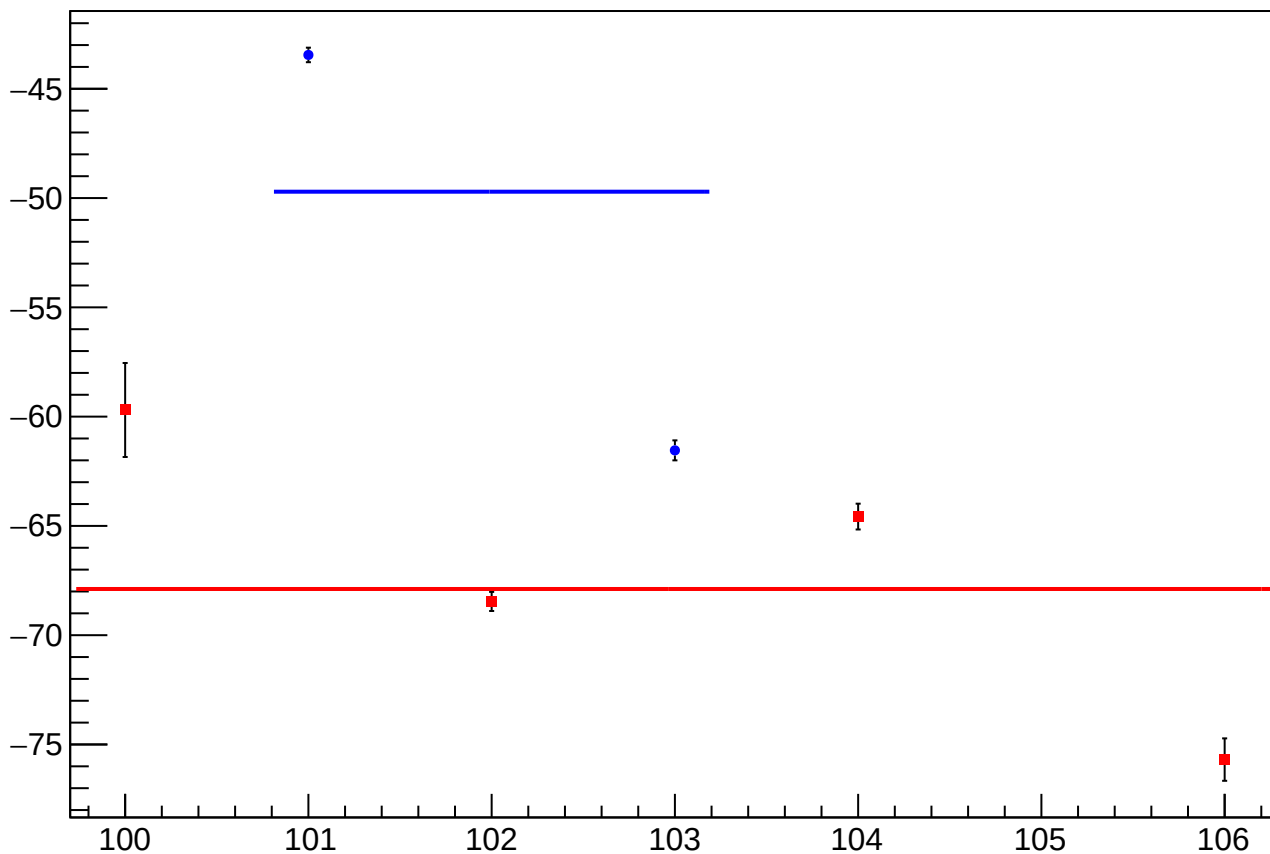
Right: 10.787+/-0.234 χ^2/NDF : 205.3/5

In: 11.524+/-0.302 χ^2/NDF : 59.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.787+/-0.234 χ^2/NDF : 205.3/5

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.709 $\pm$ 0.269 χ^2 /NDF: 1023.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.886 $\pm$ 0.326 χ^2 /NDF: 112.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

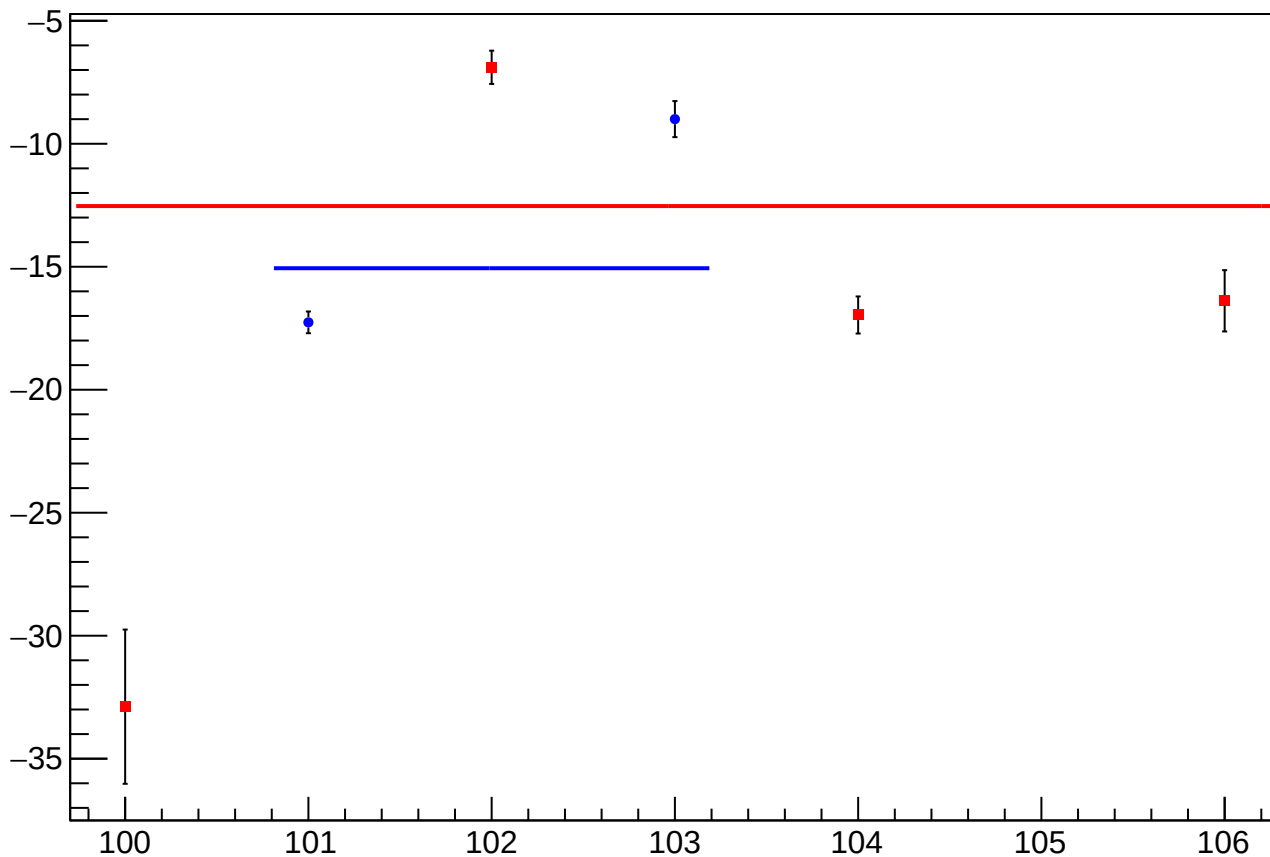
Right: -57.063 $\pm$ 0.208 χ^2 /NDF: 2983.9/5

In: -49.709 $\pm$ 0.269 χ^2 /NDF:1023.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.063 $\pm$ 0.208 χ^2 /NDF: 2983.9/5

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.060 $\pm$ 0.378 χ^2/NDF : 93.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -12.533 $\pm$ 0.462 χ^2/NDF : 155.9/3

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

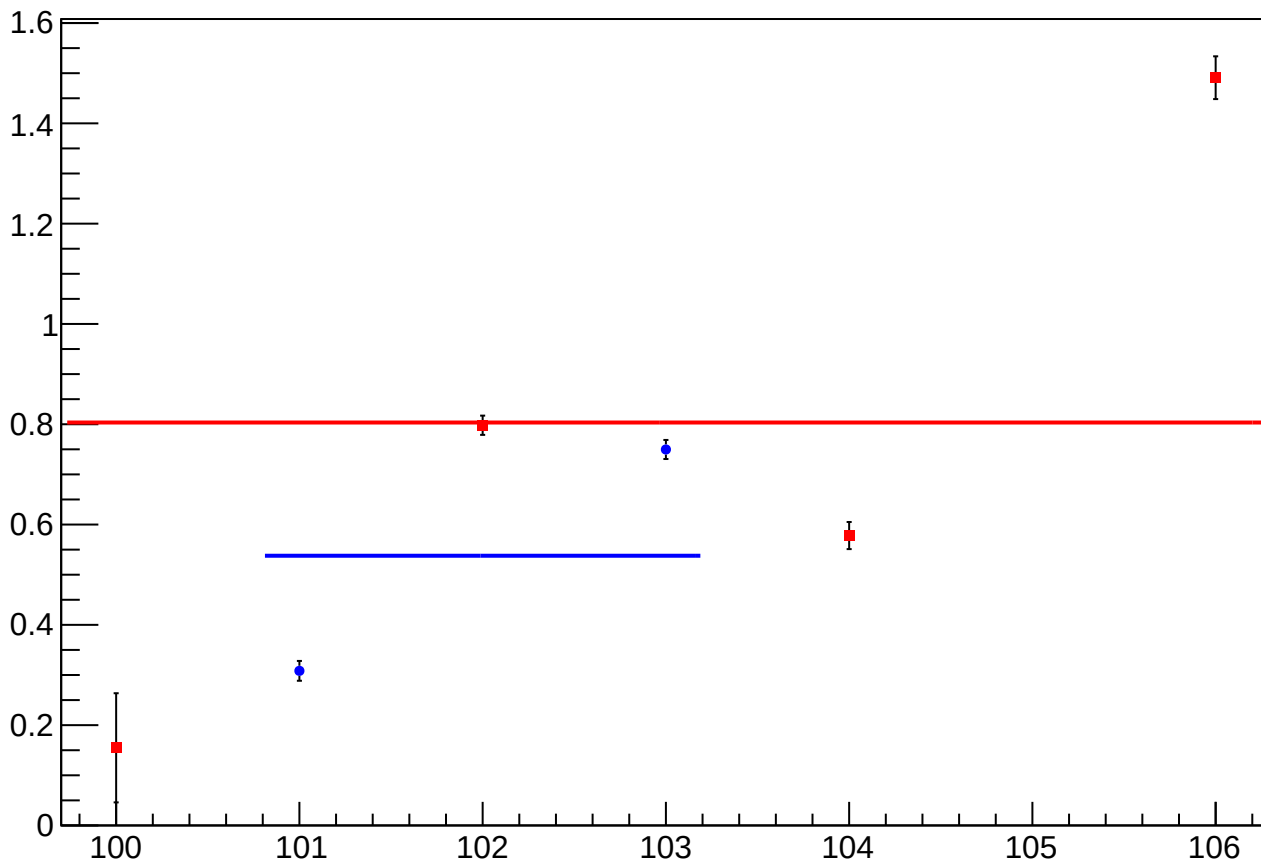
Right: -14.045 $\pm$ 0.293 χ^2/NDF : 267.1/5

In: -15.060 $\pm$ 0.378 χ^2/NDF : 93.3/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -14.045 $\pm$ 0.293 χ^2/NDF : 267.1/5

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.538+/-0.014 χ^2/NDF : 259.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.803+/-0.015 χ^2/NDF : 365.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

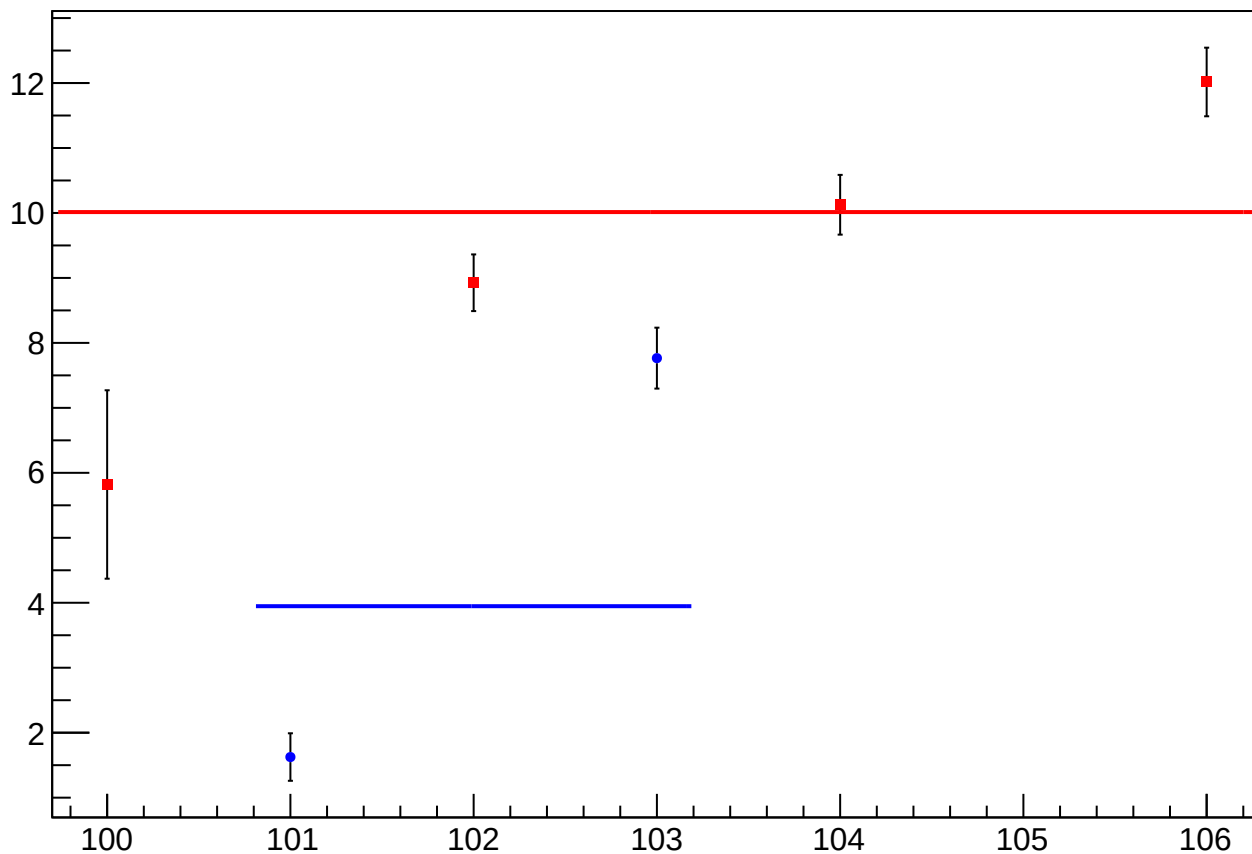
Right: 0.663+/-0.010 χ^2/NDF : 801.0/5

In: 0.538+/-0.014 χ^2/NDF : 259.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.663+/-0.010 χ^2/NDF : 801.0/5

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.947+/-0.288 χ^2/NDF : 106.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.014+/-0.267 χ^2/NDF : 29.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

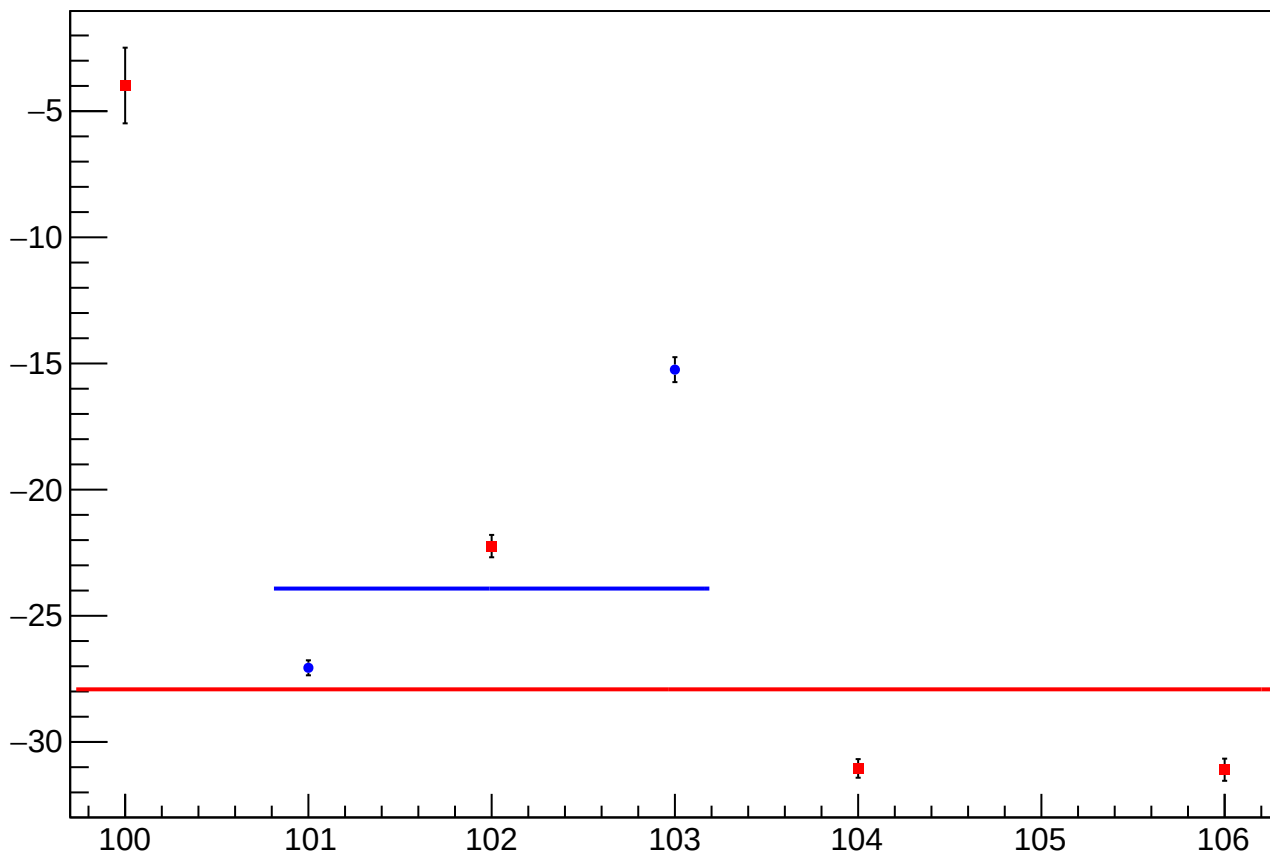
Right: 7.216+/-0.196 χ^2/NDF : 374.1/5

In: 3.947+/-0.288 χ^2/NDF : 106.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.216+/-0.196 χ^2/NDF : 374.1/5

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -23.921+/-0.255 χ^2/NDF : 419.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.915+/-0.235 χ^2/NDF : 543.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

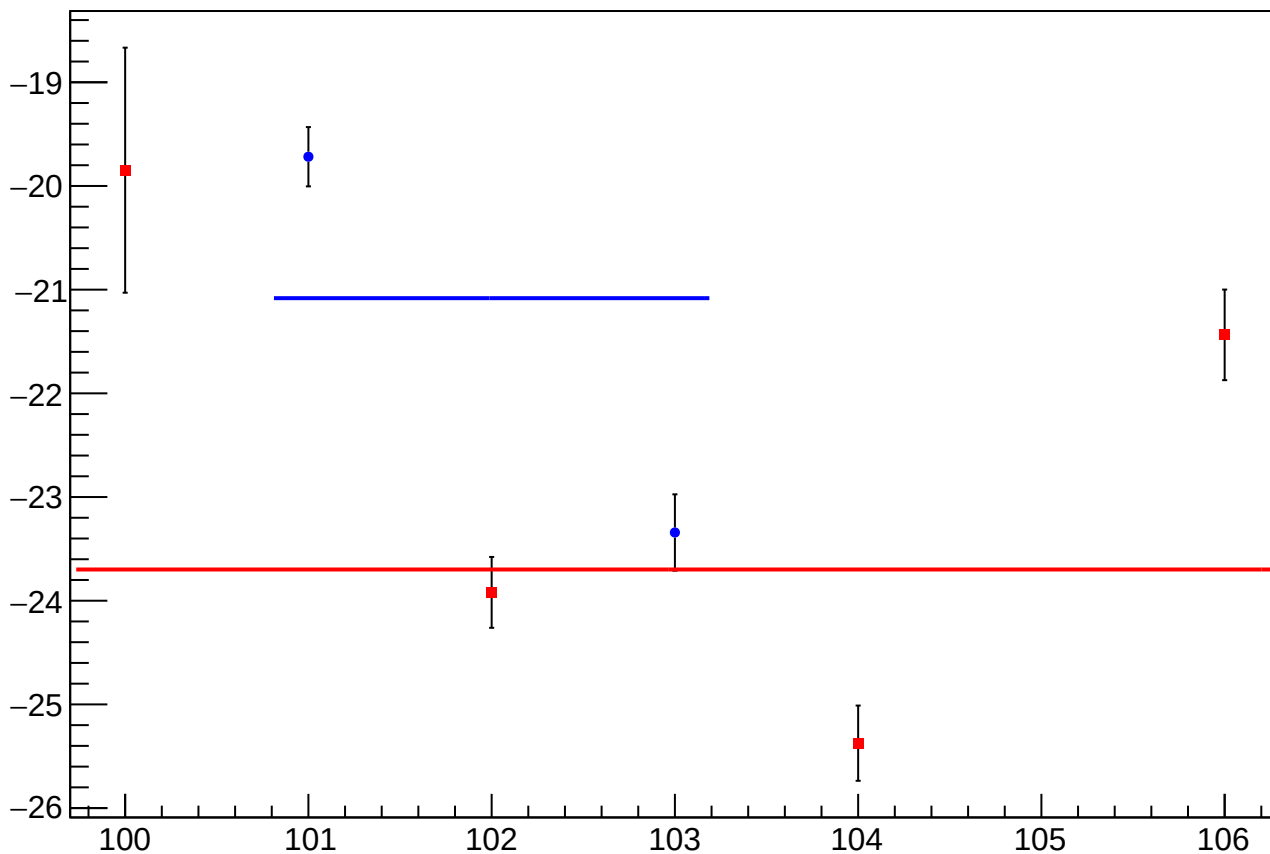
Right: -26.078+/-0.173 χ^2/NDF : 1095.4/5

In: -23.921+/-0.255 χ^2/NDF : 419.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.078+/-0.173 χ^2/NDF : 1095.4/5

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -21.082 $\pm$ 0.226 χ^2 /NDF: 60.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.699 $\pm$ 0.213 χ^2 /NDF: 59.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

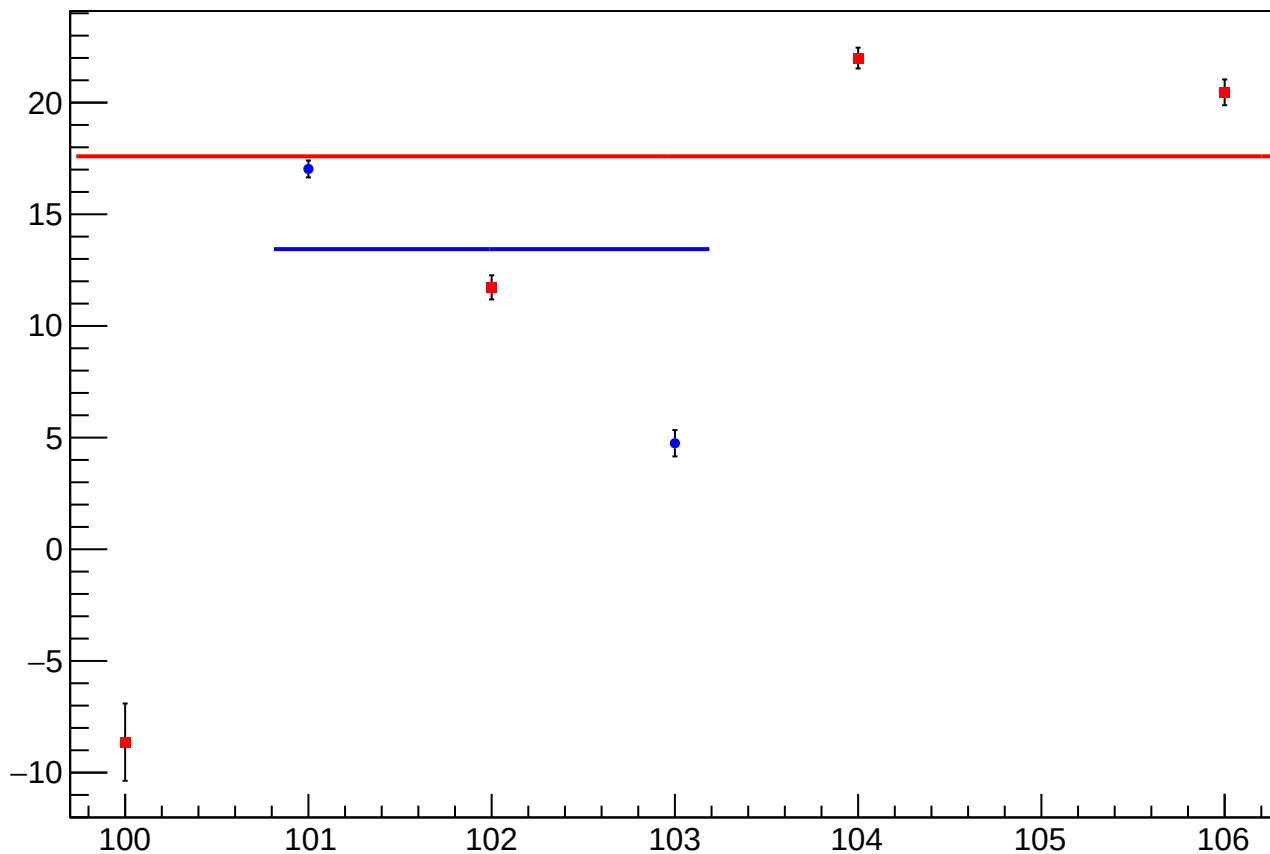
Right: -22.469 $\pm$ 0.155 χ^2 /NDF: 190.8/5

In: -21.082 $\pm$ 0.226 χ^2 /NDF:60.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.469 $\pm$ 0.155 χ^2 /NDF: 190.8/5

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.441 $\pm$ 0.319 χ^2 /NDF: 307.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.596 $\pm$ 0.296 χ^2 /NDF: 462.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

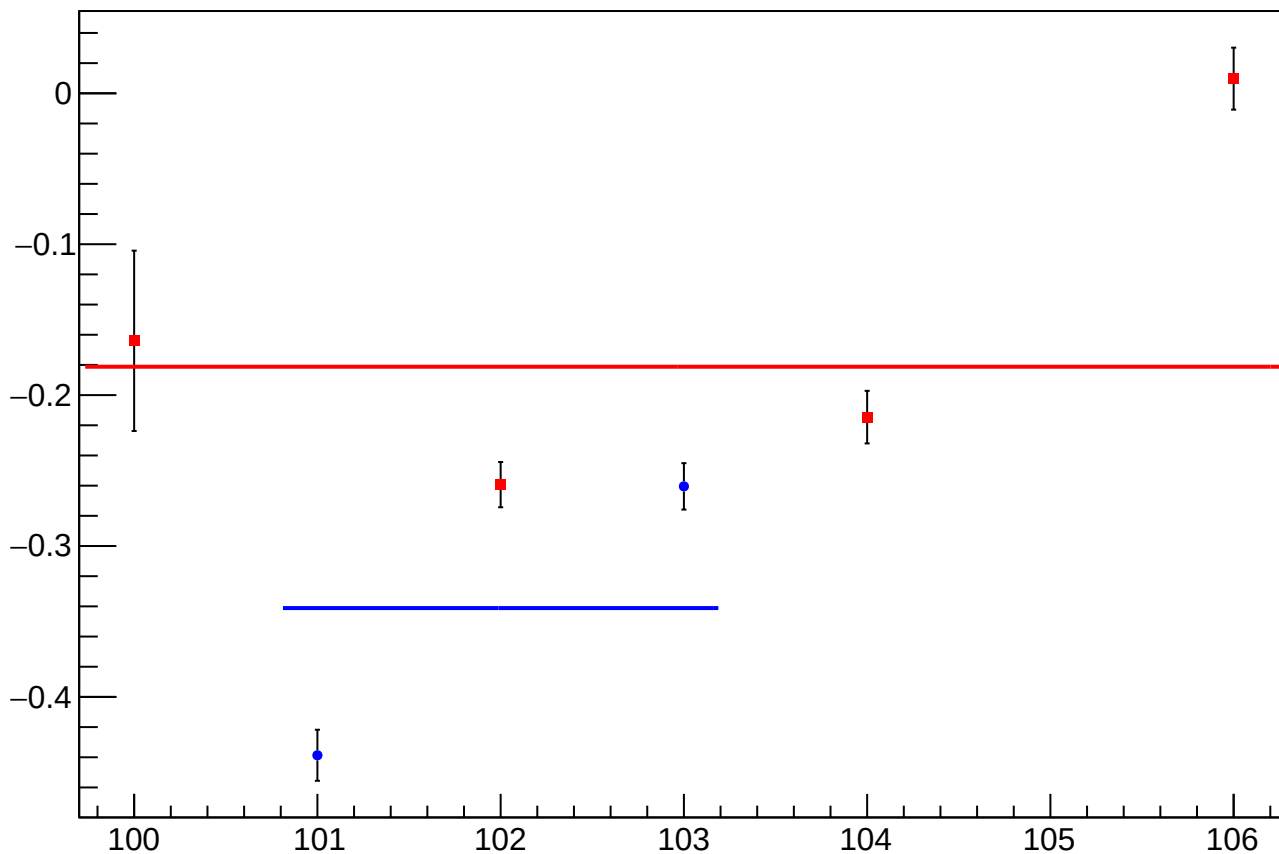
Right: 15.670 $\pm$ 0.217 χ^2 /NDF: 860.1/5

In: 13.441 $\pm$ 0.319 χ^2 /NDF: 307.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.670 $\pm$ 0.217 χ^2 /NDF: 860.1/5

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.341 $\pm$ 0.011 χ^2 /NDF: 60.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.181 $\pm$ 0.010 χ^2 /NDF: 117.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

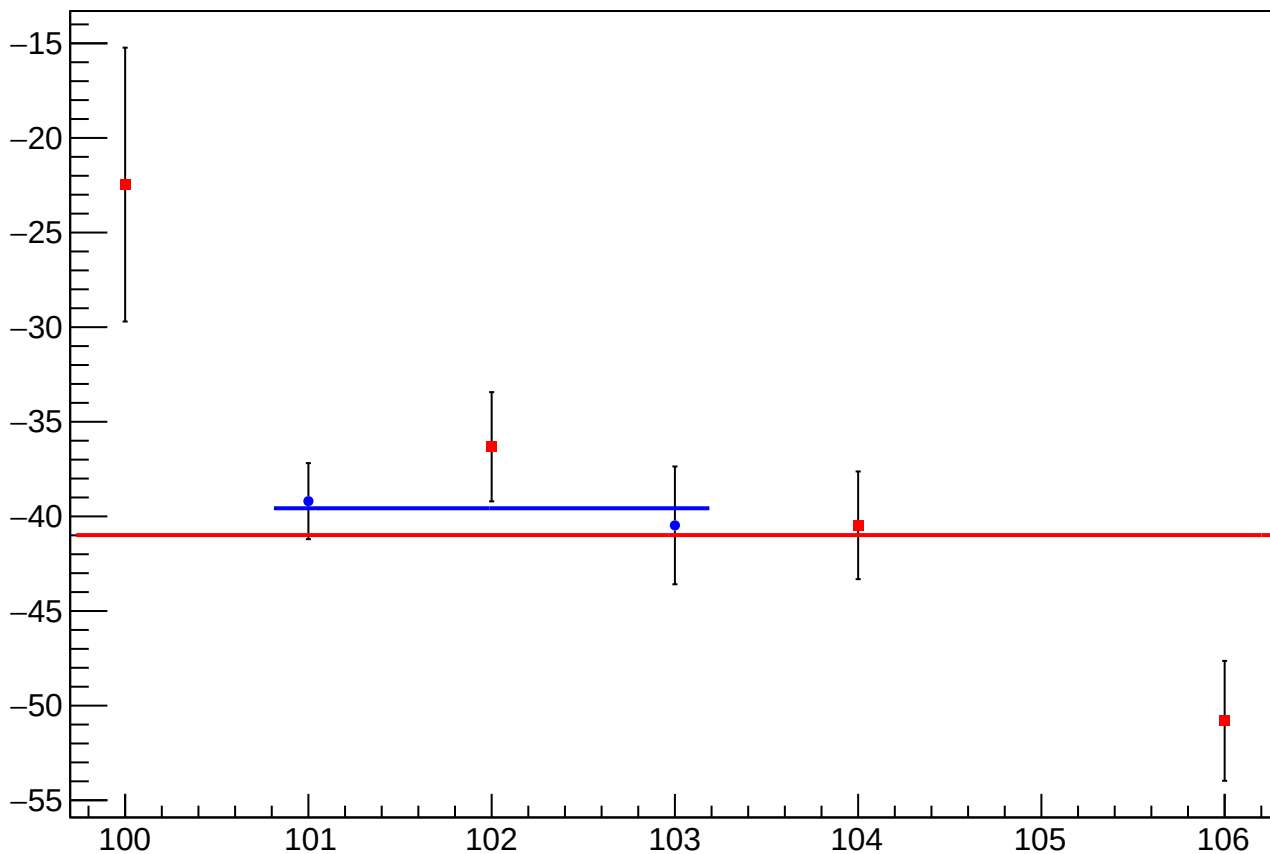
Right: -0.249 $\pm$ 0.007 χ^2 /NDF: 291.5/5

In: -0.341 $\pm$ 0.011 χ^2 /NDF: 60.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.249 $\pm$ 0.007 χ^2 /NDF: 291.5/5

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.571 $\pm$ 1.689 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.987 $\pm$ 1.662 χ^2 /NDF: 18.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

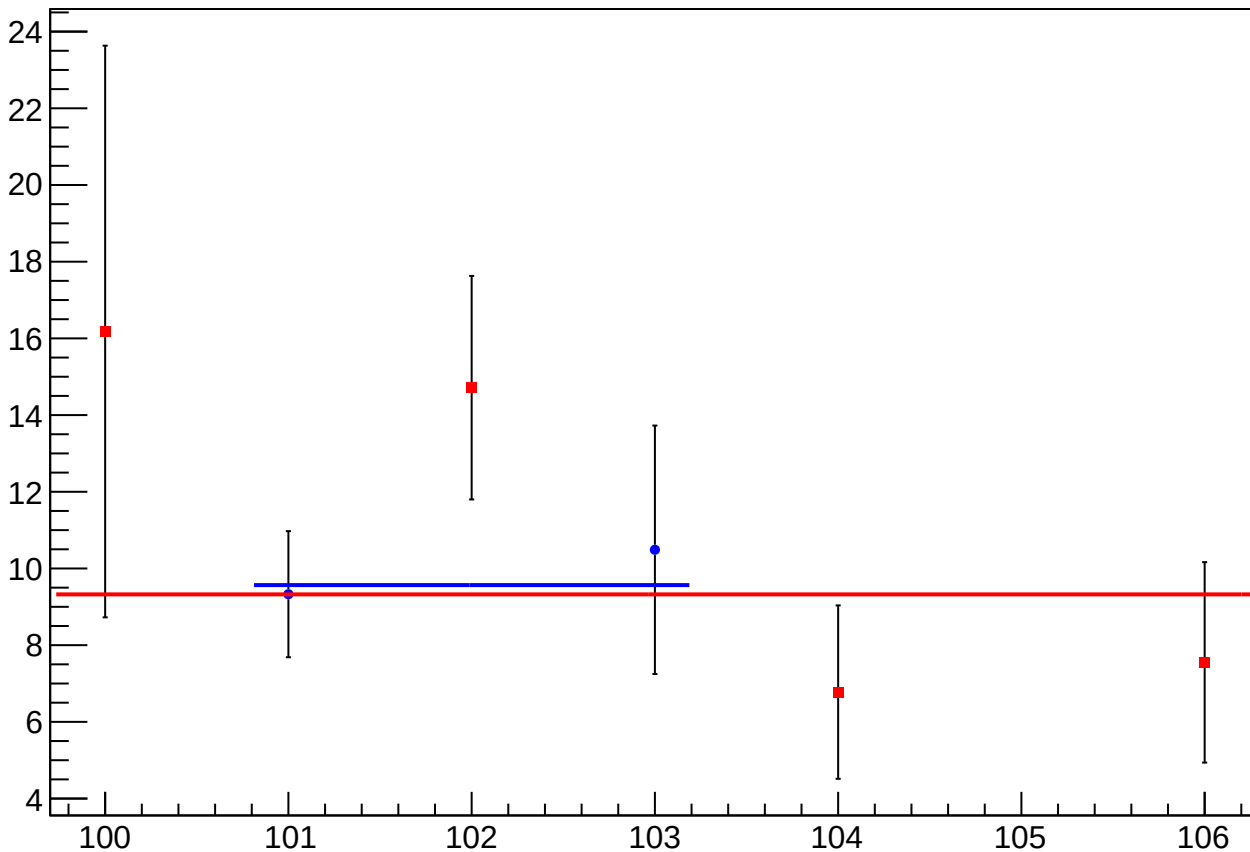
Right: -40.290 $\pm$ 1.184 χ^2 /NDF: 19.3/5

In: -39.571 $\pm$ 1.689 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.290 $\pm$ 1.184 χ^2 /NDF: 19.3/5

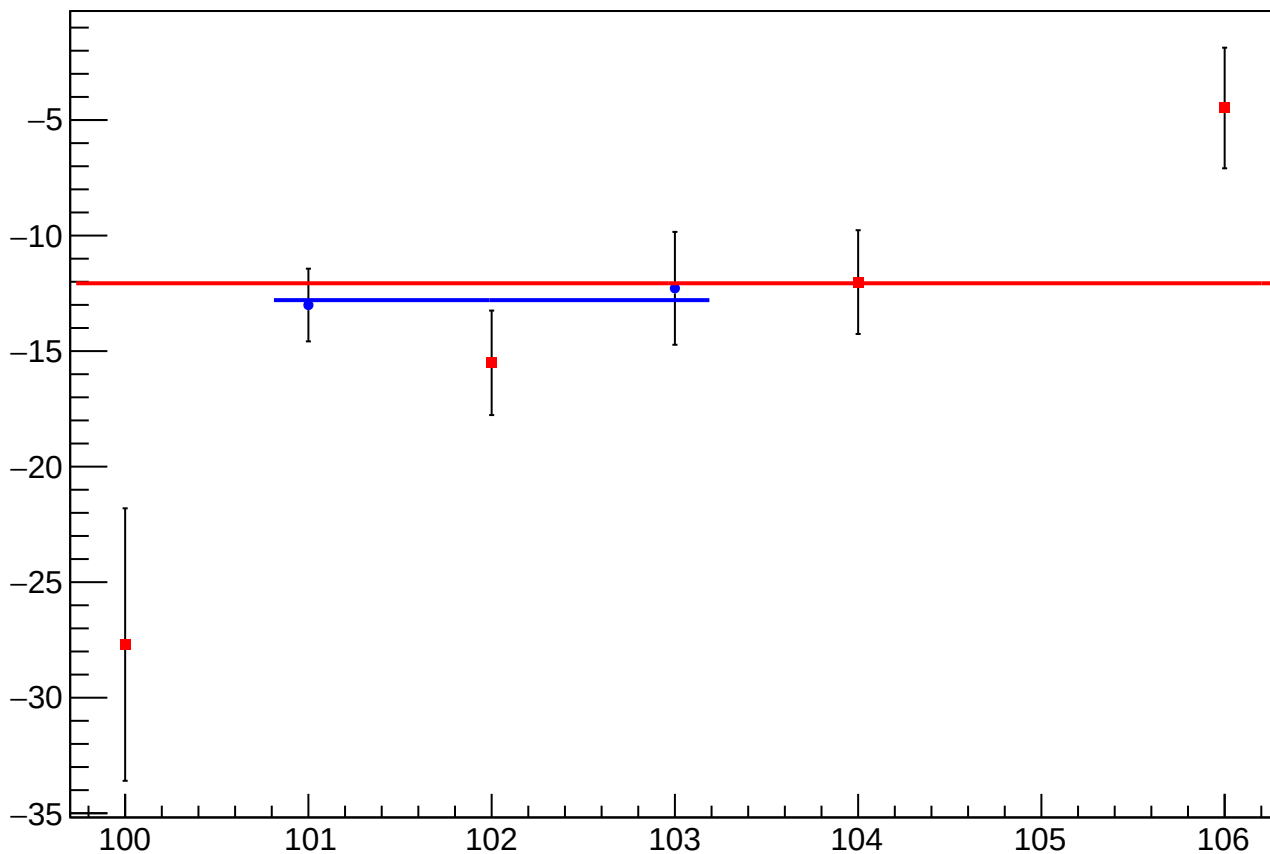
reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.567 $\pm$ 1.466 χ^2 /NDF: 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 9.324 $\pm$ 1.447 χ^2 /NDF: 6.0/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 9.444 $\pm$ 1.030 χ^2 /NDF: 6.1/5
 In: 9.567 $\pm$ 1.466 χ^2 /NDF: 0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 9.444 $\pm$ 1.030 χ^2 /NDF: 6.1/5

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.794 $\pm$ 1.323 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.065 $\pm$ 1.325 χ^2 /NDF: 17.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

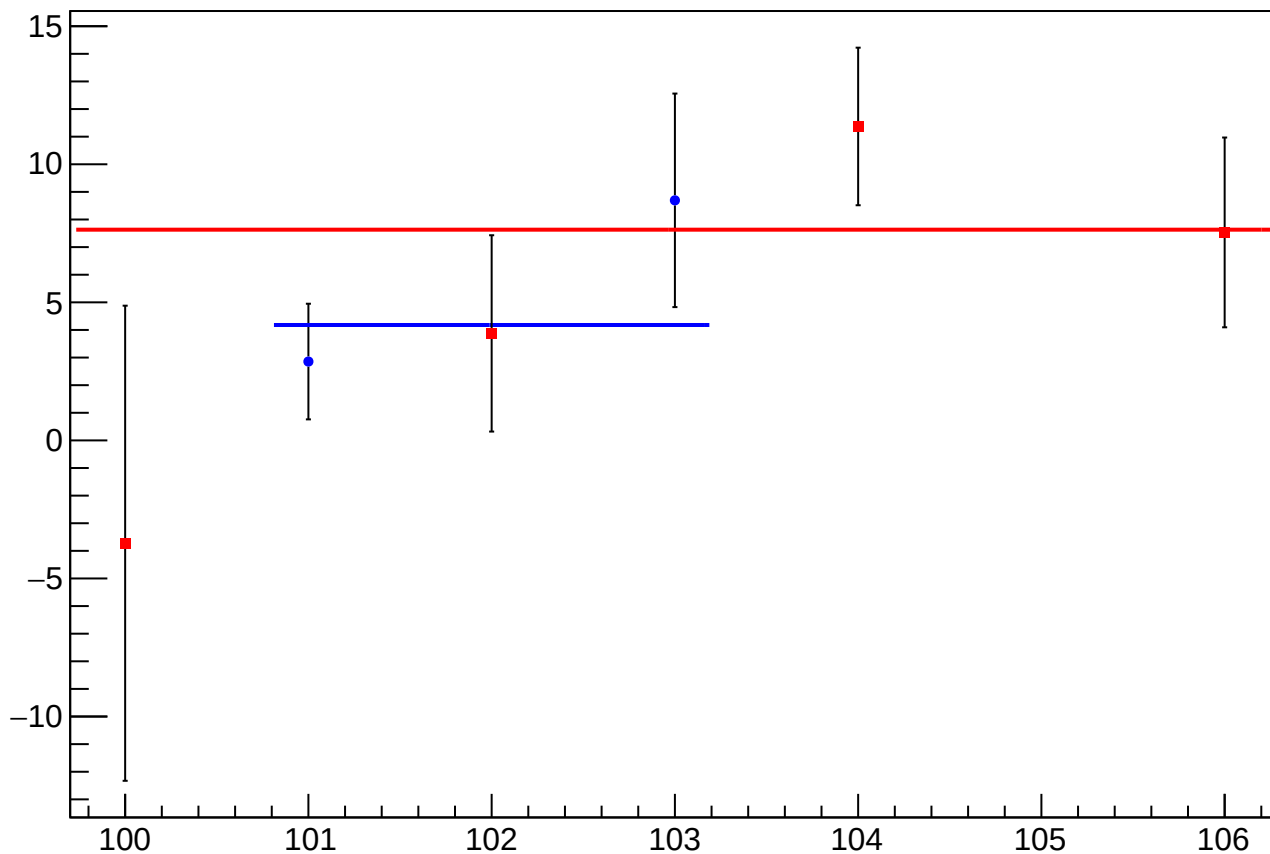
Right: -12.430 $\pm$ 0.936 χ^2 /NDF: 18.0/5

In: -12.794 $\pm$ 1.323 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.430 $\pm$ 0.936 χ^2 /NDF: 18.0/5

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.180 $\pm$ 1.841 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.631 $\pm$ 1.825 χ^2 /NDF: 4.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

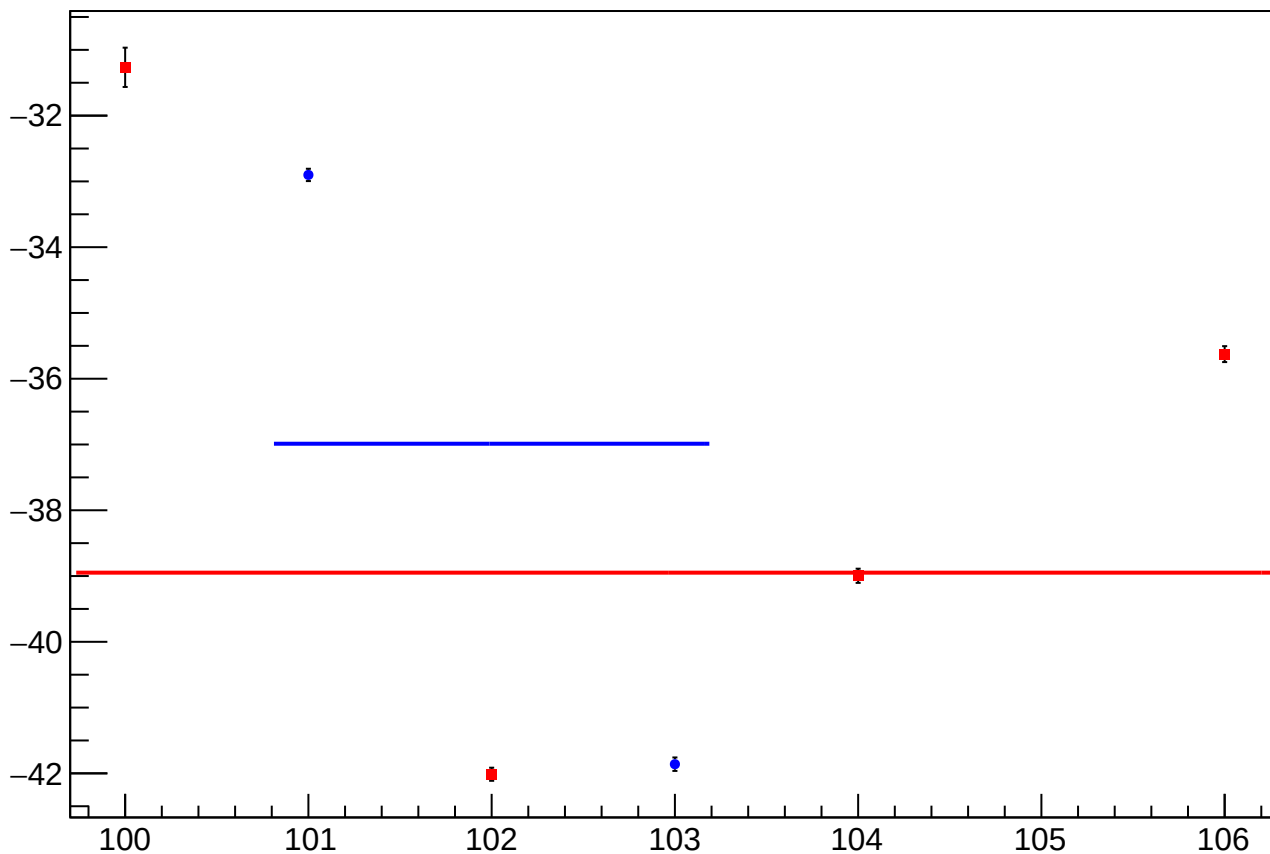
Right: 5.921 $\pm$ 1.296 χ^2 /NDF: 8.1/5

In: 4.180 $\pm$ 1.841 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.921 $\pm$ 1.296 χ^2 /NDF: 8.1/5

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.988 ± 0.069 $\chi^2/\text{NDF}: 4168.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.949 ± 0.061 $\chi^2/\text{NDF}: 2361.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

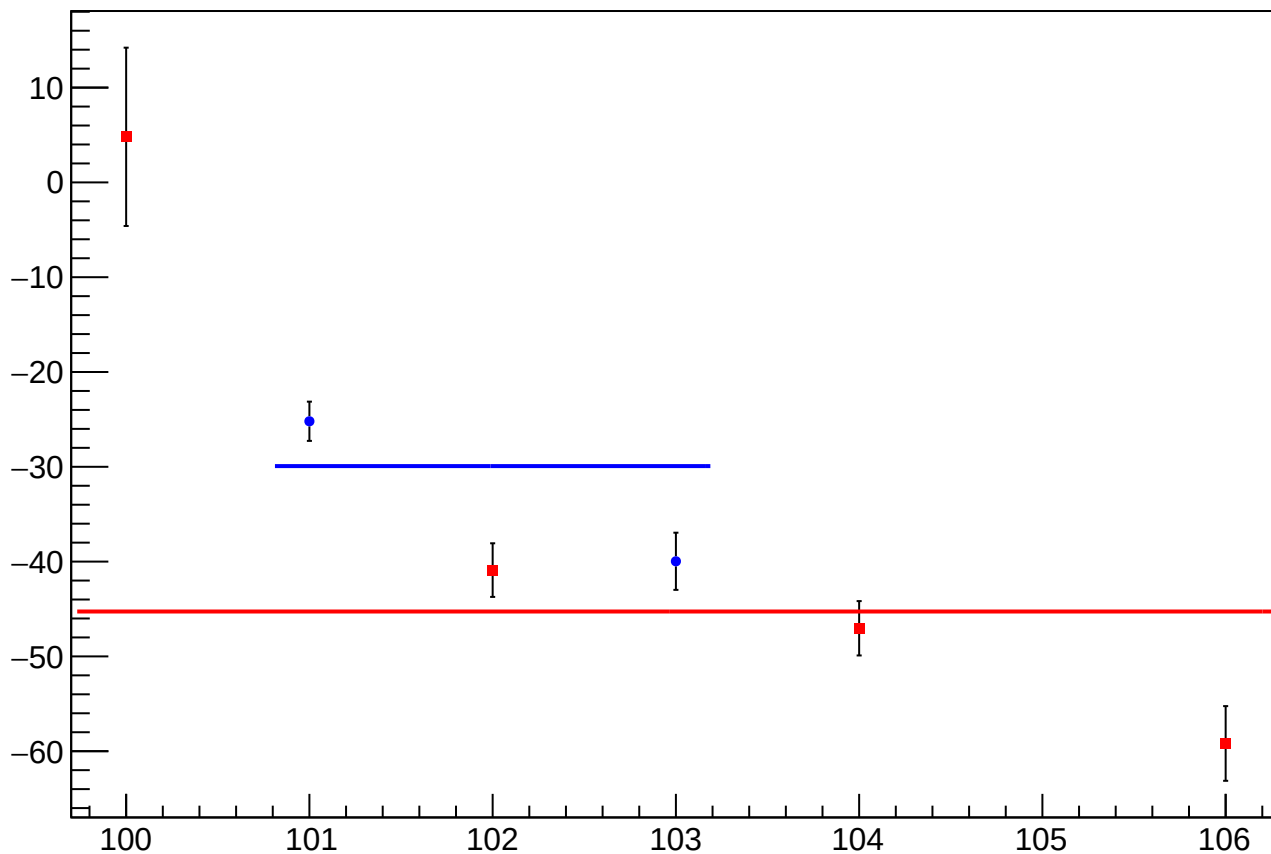
Right: -38.086 ± 0.046 $\chi^2/\text{NDF}: 6980.2/5$

In: -36.988 ± 0.069 $\chi^2/\text{NDF}: 4168.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -38.086 ± 0.046 $\chi^2/\text{NDF}: 6980.2/5$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.925 ± 1.706 $\chi^2/\text{NDF}: 16.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -45.265 ± 1.761 $\chi^2/\text{NDF}: 43.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

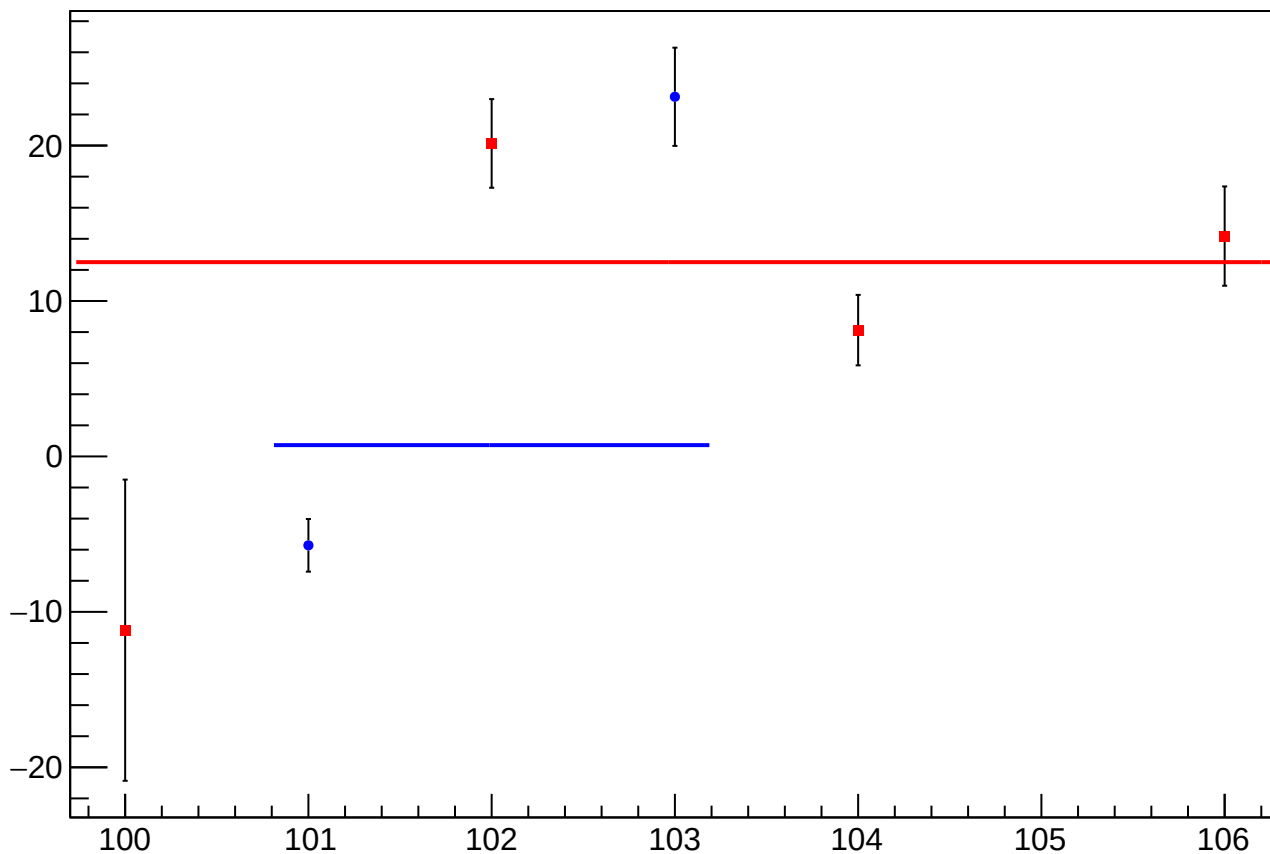
Right: -37.352 ± 1.225 $\chi^2/\text{NDF}: 99.0/5$

In: -29.925 ± 1.706 $\chi^2/\text{NDF}: 16.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.352 ± 1.225 $\chi^2/\text{NDF}: 99.0/5$

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.727+/-1.493 χ^2/NDF : 64.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.499+/-1.532 χ^2/NDF : 17.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

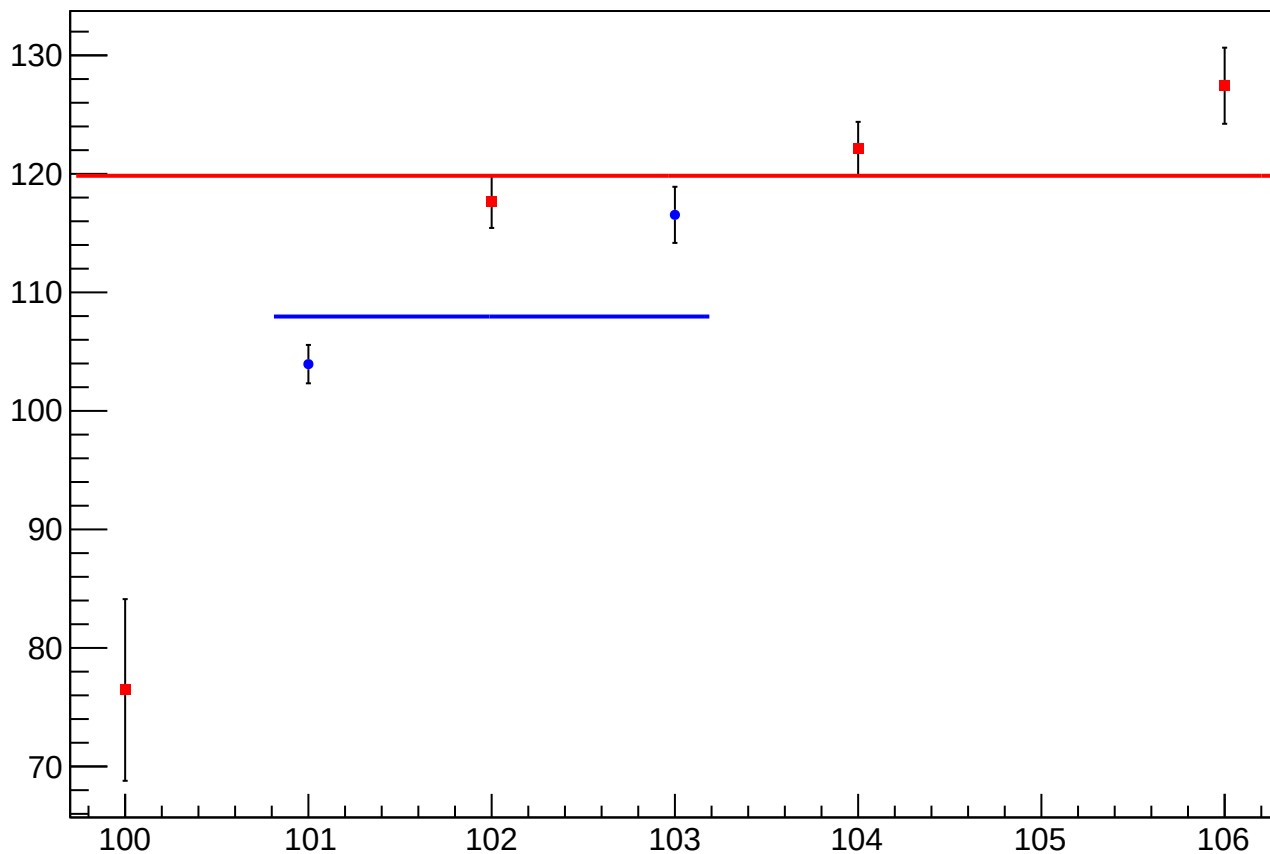
Right: 6.464+/-1.069 χ^2/NDF : 112.2/5

In: 0.727+/-1.493 χ^2/NDF : 64.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.464+/-1.069 χ^2/NDF : 112.2/5

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 107.963 $\pm$ 1.337 χ^2 /NDF: 19.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.839 $\pm$ 1.396 χ^2 /NDF: 39.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

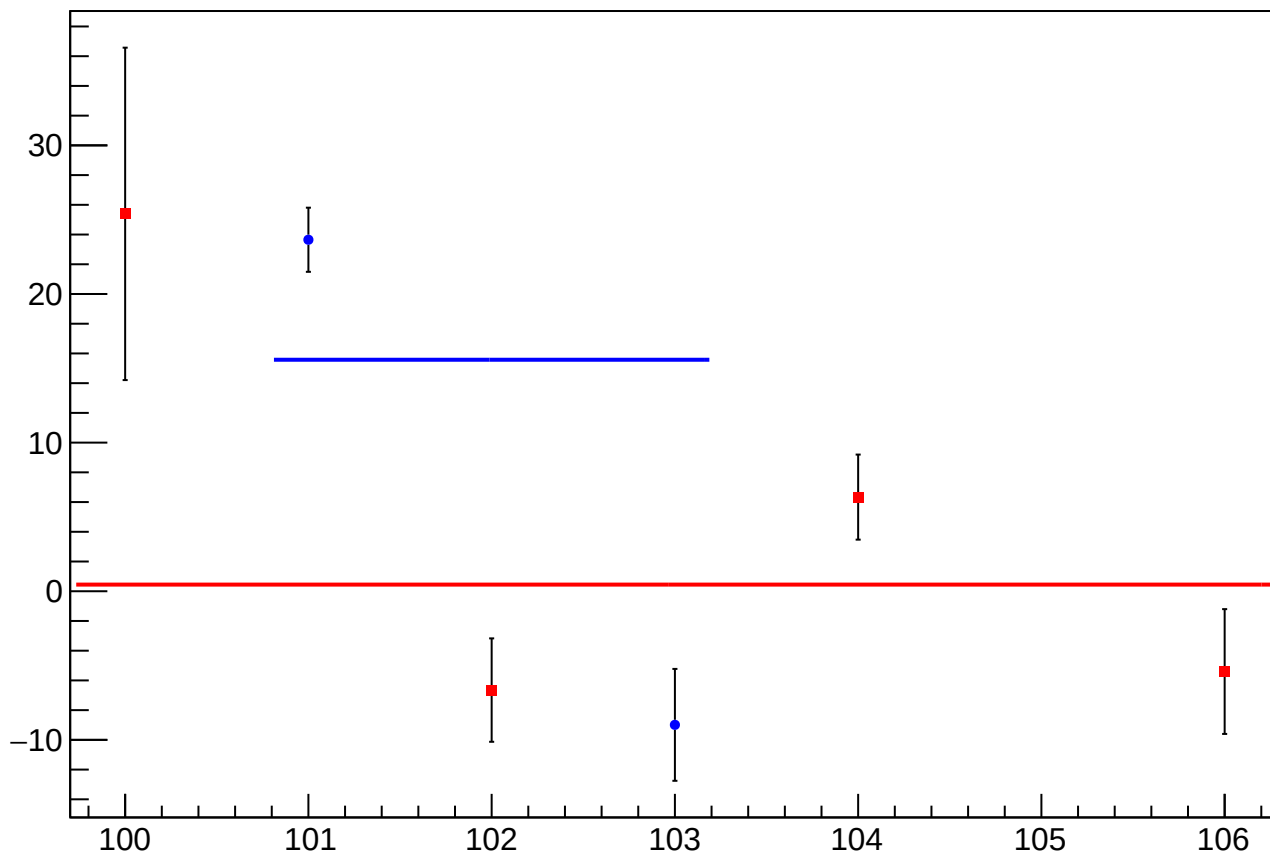
Right: 113.645 $\pm$ 0.965 χ^2 /NDF: 96.7/5

In: 107.963 $\pm$ 1.337 χ^2 /NDF:19.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.645 $\pm$ 0.965 χ^2 /NDF: 96.7/5

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.576+/-1.872 χ^2/NDF : 56.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.447+/-1.927 χ^2/NDF : 15.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

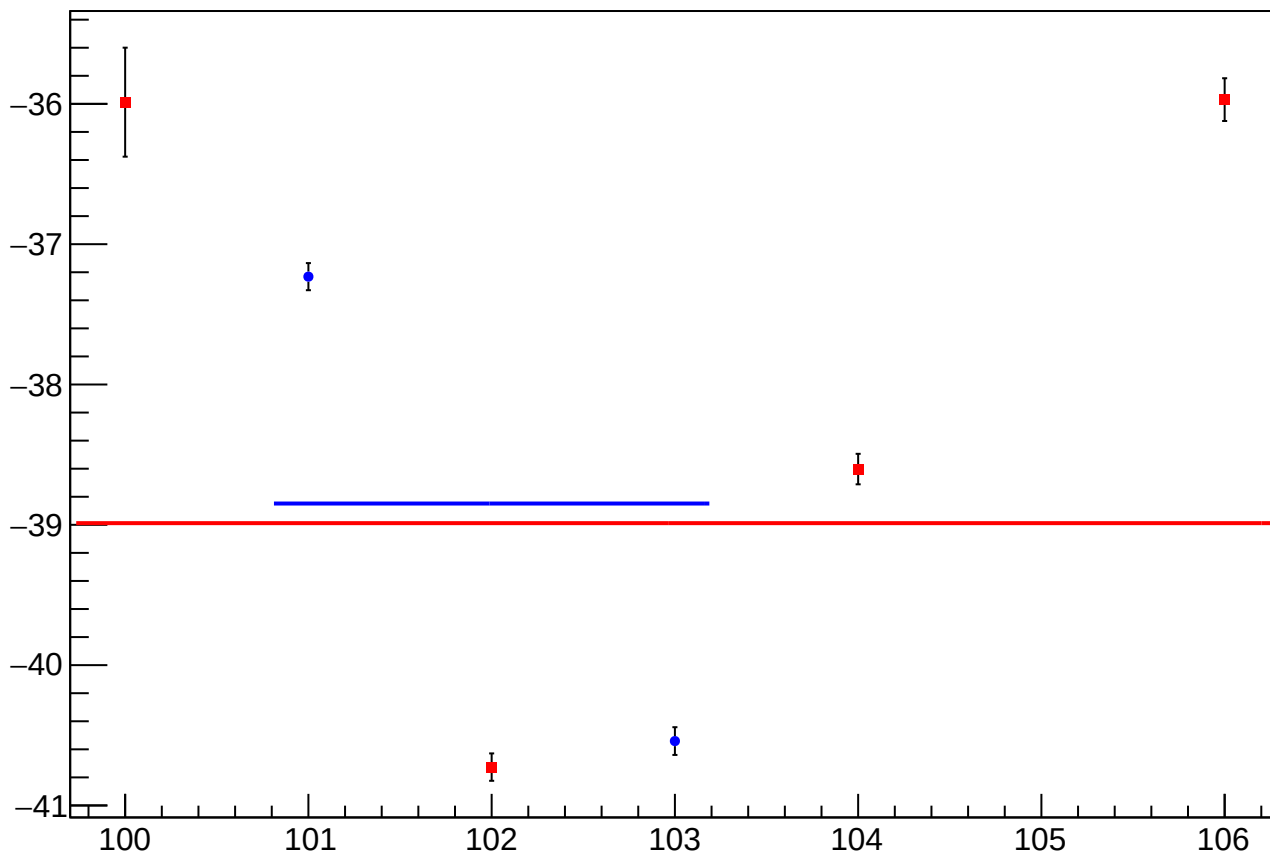
Right: 8.229+/-1.343 χ^2/NDF : 103.6/5

In: 15.576+/-1.872 χ^2/NDF : 56.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.229+/-1.343 χ^2/NDF : 103.6/5

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.848 $\pm$ 0.069 χ^2 /NDF: 573.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.988 $\pm$ 0.065 χ^2 /NDF: 782.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

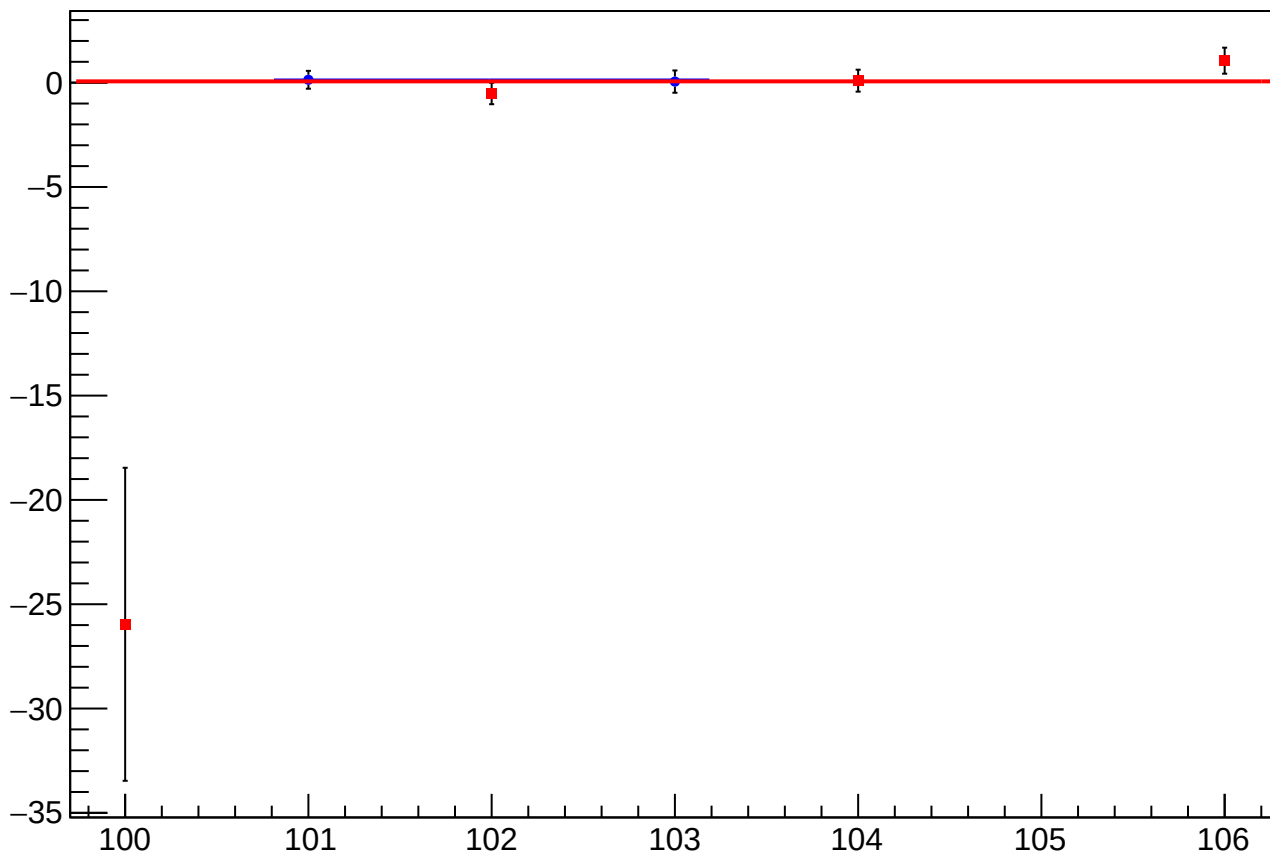
Right: -38.923 $\pm$ 0.047 χ^2 /NDF: 1357.8/5

In: -38.848 $\pm$ 0.069 χ^2 /NDF: 573.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.923 $\pm$ 0.047 χ^2 /NDF: 1357.8/5

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.105+/-0.334 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.063+/-0.316 χ^2/NDF : 15.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

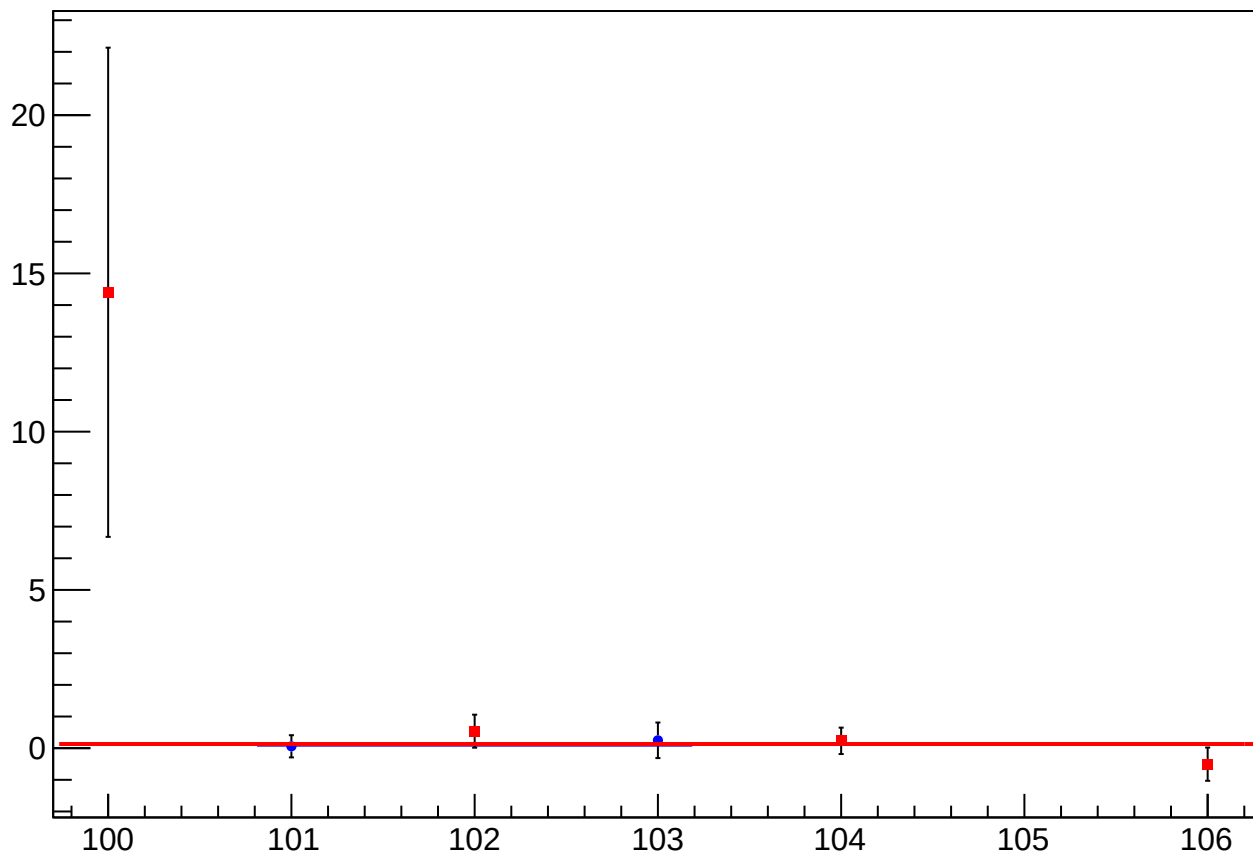
Right: 0.082+/-0.230 χ^2/NDF : 15.9/5

In: 0.105+/-0.334 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.082+/-0.230 χ^2/NDF : 15.9/5

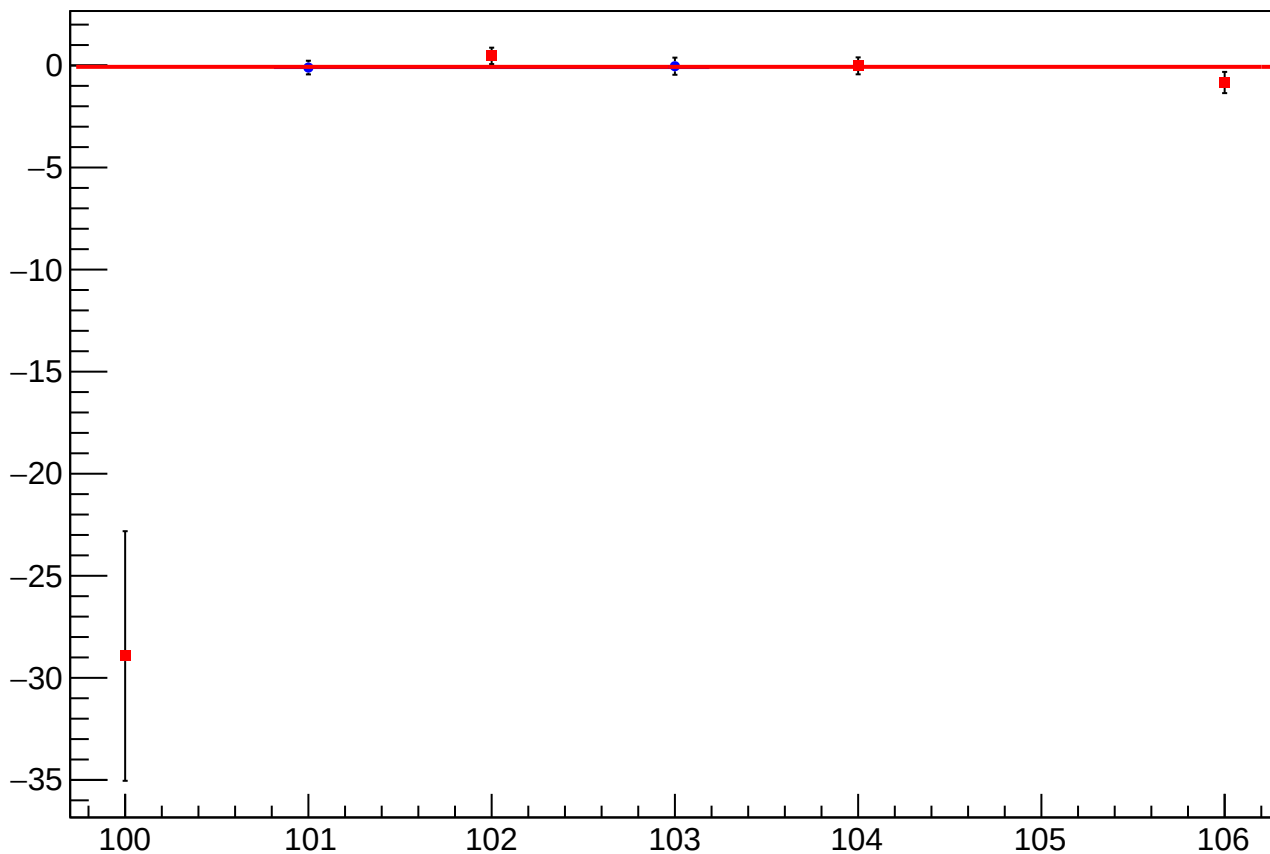
reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.112 $\pm$ 0.297 χ^2 /NDF: 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.131 $\pm$ 0.277 χ^2 /NDF: 5.5/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.122 $\pm$ 0.203 χ^2 /NDF: 5.6/5
 In: 0.112 $\pm$ 0.297 χ^2 /NDF:0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.122 $\pm$ 0.203 χ^2 /NDF: 5.6/5

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.078+/-0.262 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.068+/-0.252 χ^2/NDF : 26.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

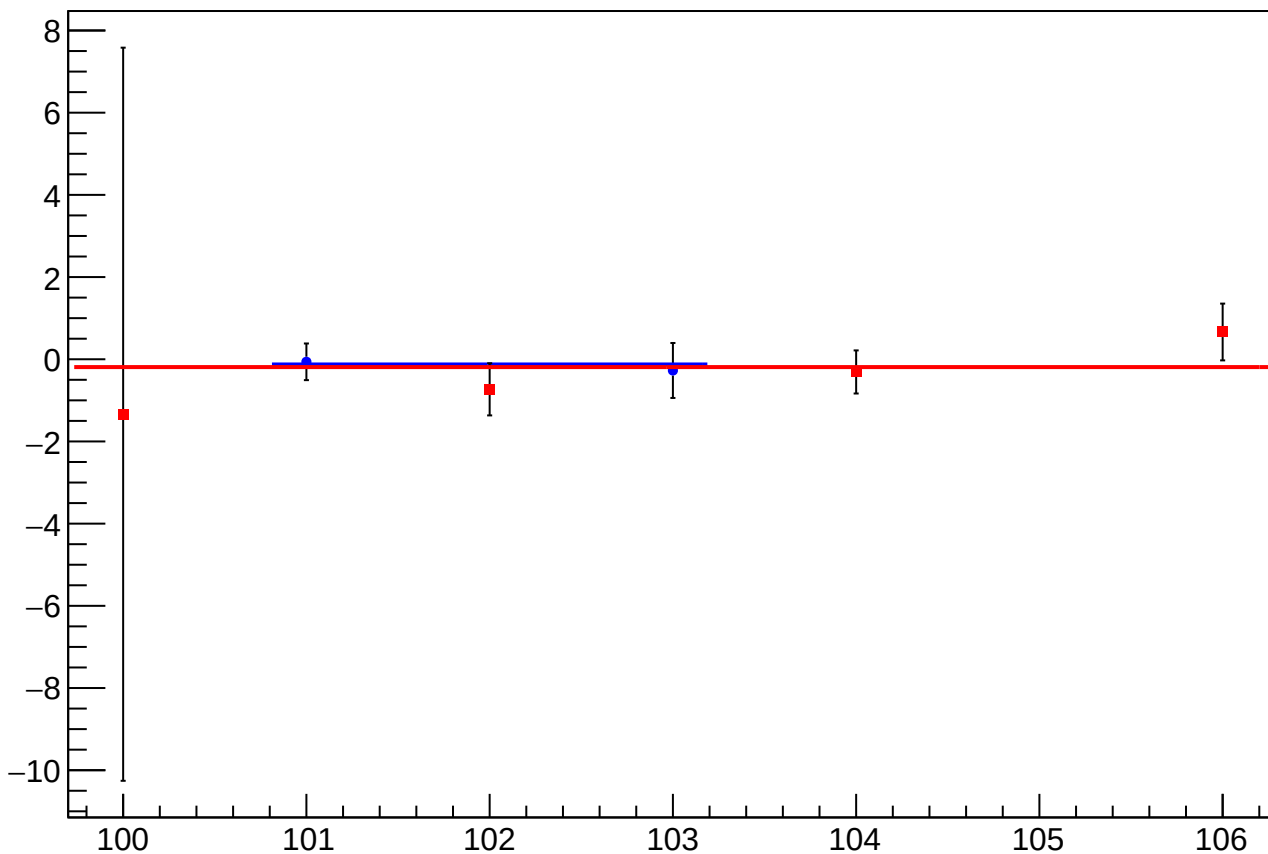
Right: -0.073+/-0.182 χ^2/NDF : 26.3/5

In: -0.078+/-0.262 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.073+/-0.182 χ^2/NDF : 26.3/5

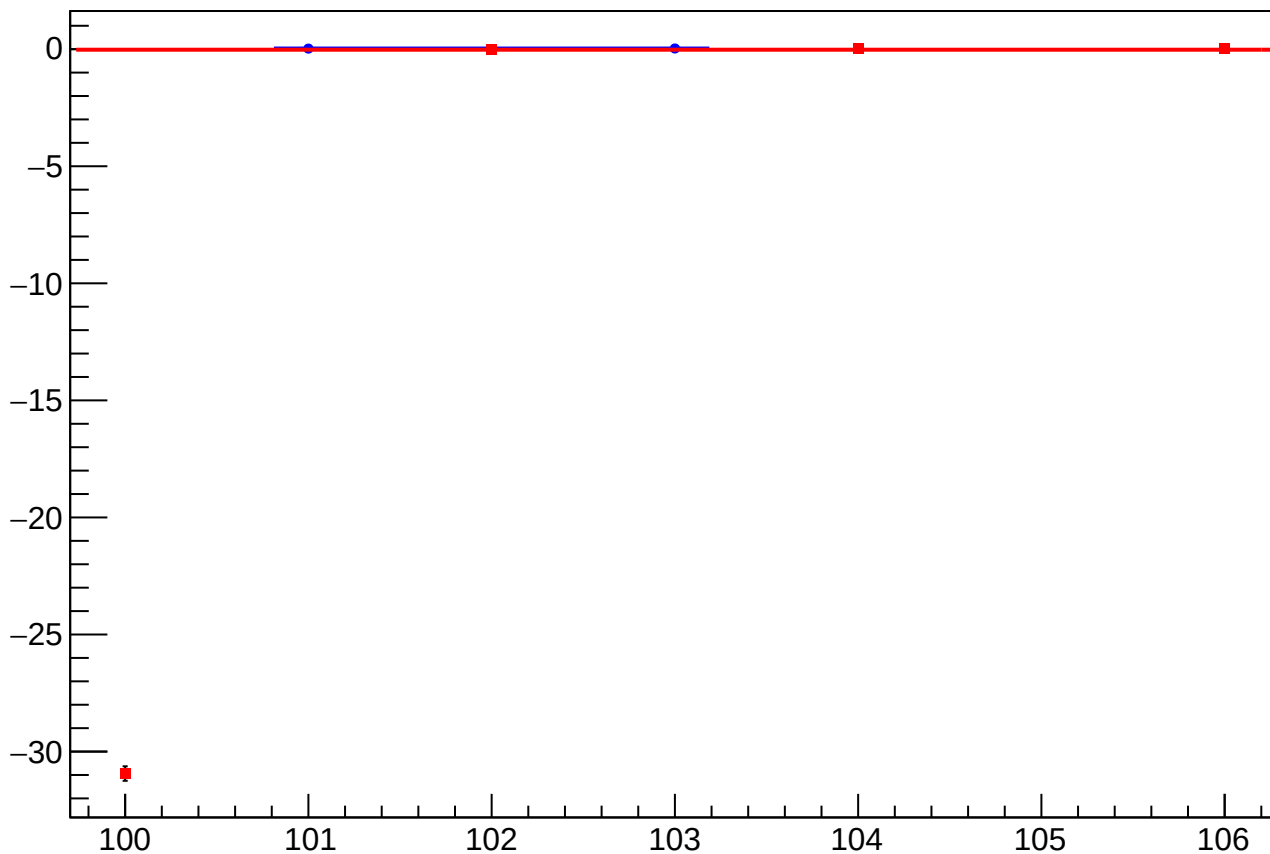
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.127 $\pm$ 0.371 χ^2 /NDF: 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.190 $\pm$ 0.349 χ^2 /NDF: 2.3/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.161 $\pm$ 0.254 χ^2 /NDF: 2.4/5
 In: -0.127 $\pm$ 0.371 χ^2 /NDF:0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.161 $\pm$ 0.254 χ^2 /NDF: 2.4/5

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028+/-0.013 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.023+/-0.012 χ^2/NDF : 9976.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

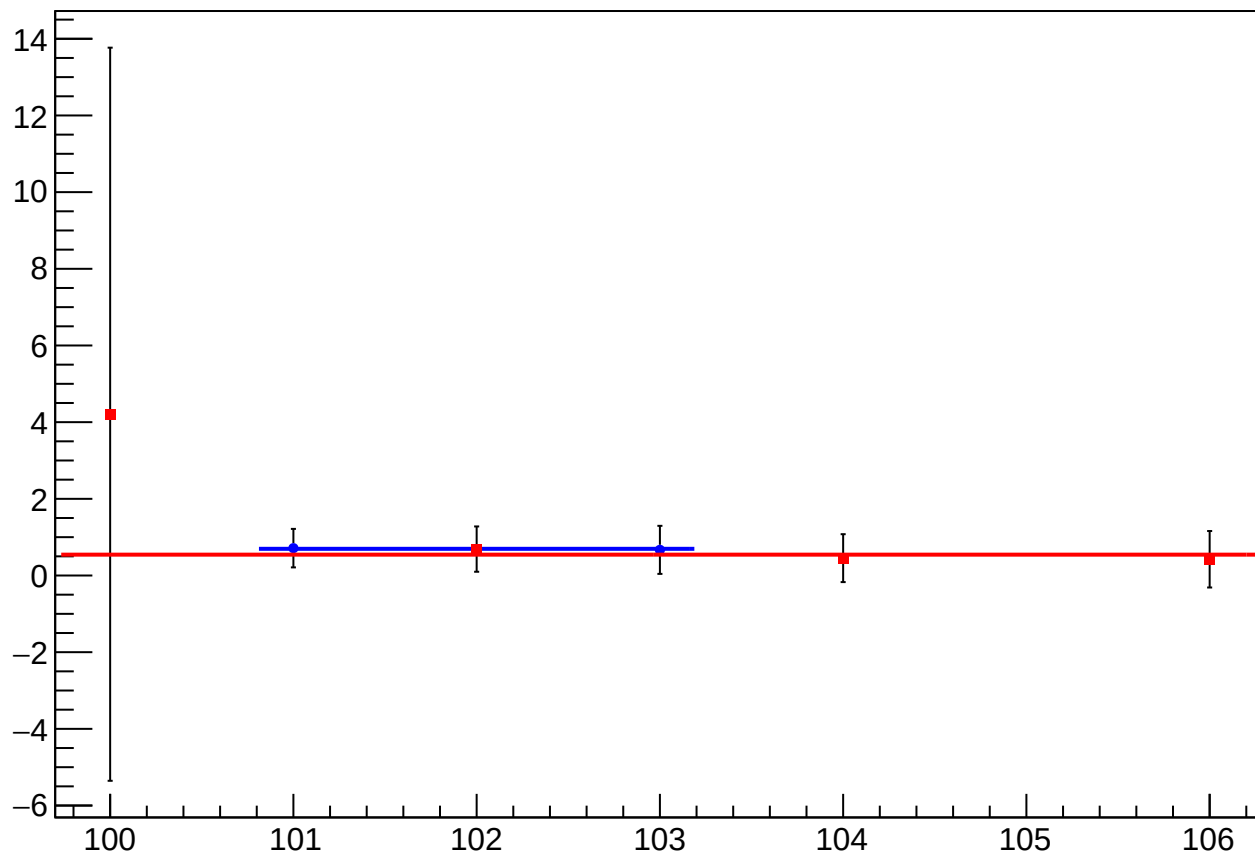
Right: -0.001+/-0.009 χ^2/NDF : 9984.6/5

In: 0.028+/-0.013 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.009 χ^2/NDF : 9984.6/5

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.696 $\pm$ 0.392 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.544 $\pm$ 0.371 χ^2 /NDF: 0.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

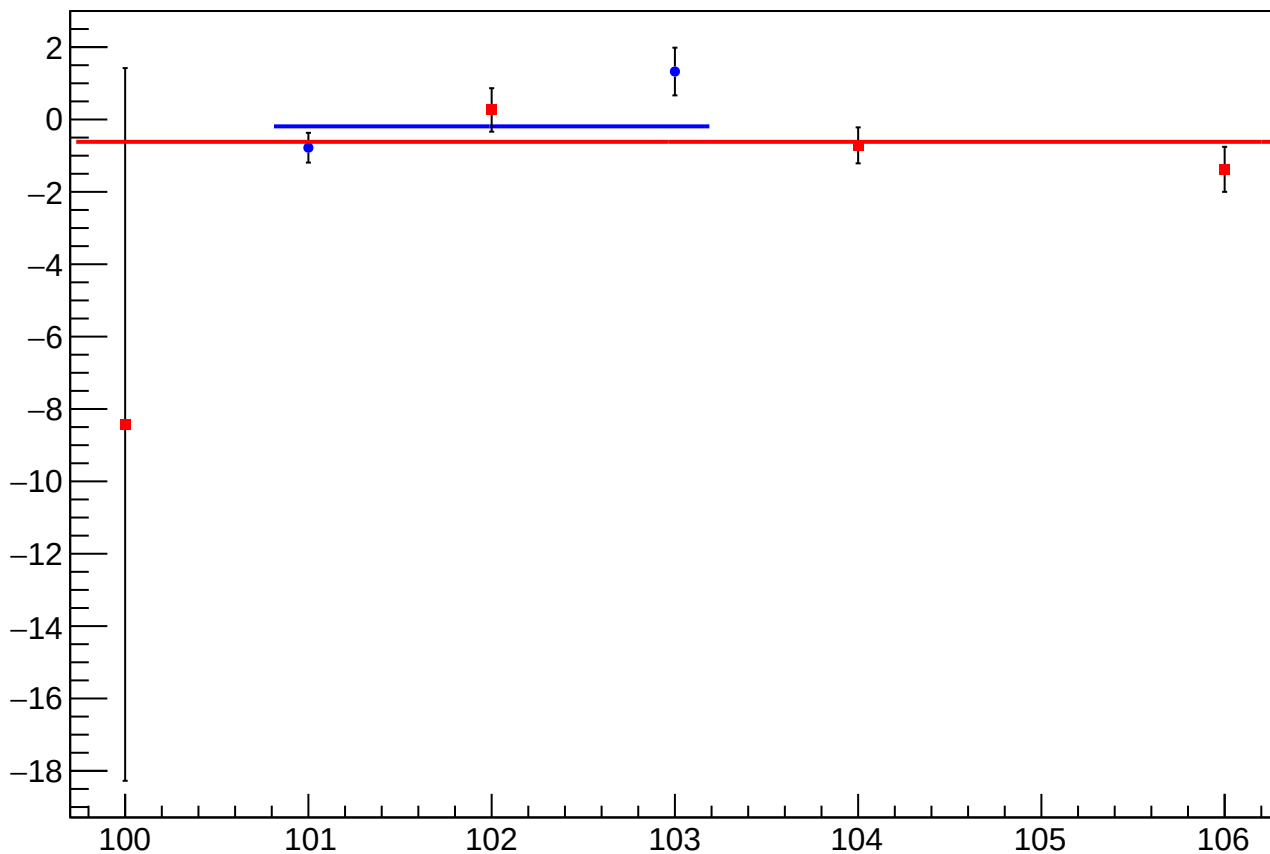
Right: 0.616 $\pm$ 0.269 χ^2 /NDF: 0.3/5

In: 0.696 $\pm$ 0.392 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.616 $\pm$ 0.269 χ^2 /NDF: 0.3/5

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.190 ± 0.349 $\chi^2/\text{NDF}: 7.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.617 ± 0.326 $\chi^2/\text{NDF}: 4.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

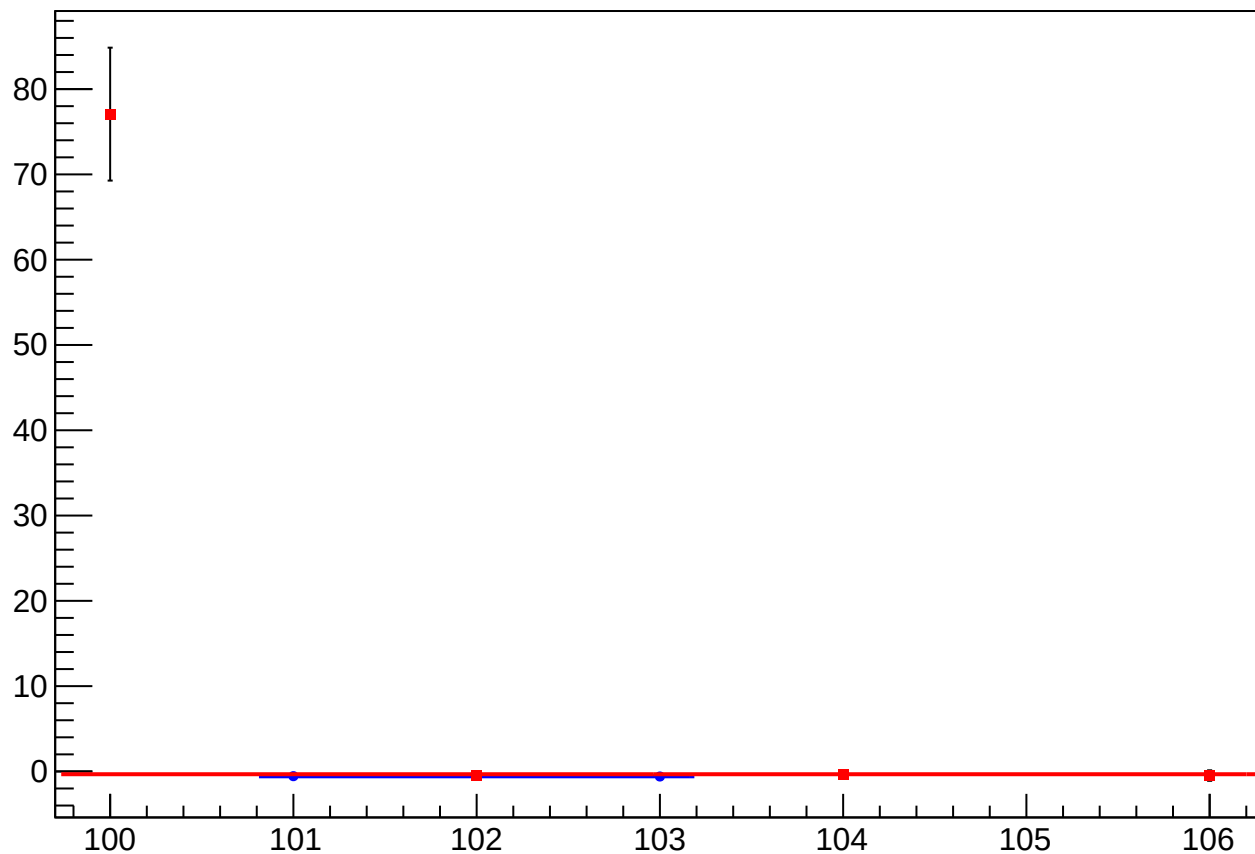
Right: -0.418 ± 0.238 $\chi^2/\text{NDF}: 12.5/5$

In: -0.190 ± 0.349 $\chi^2/\text{NDF}: 7.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.418 ± 0.238 $\chi^2/\text{NDF}: 12.5/5$

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.571 ± 0.307 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.328 ± 0.296 $\chi^2/\text{NDF}: 98.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

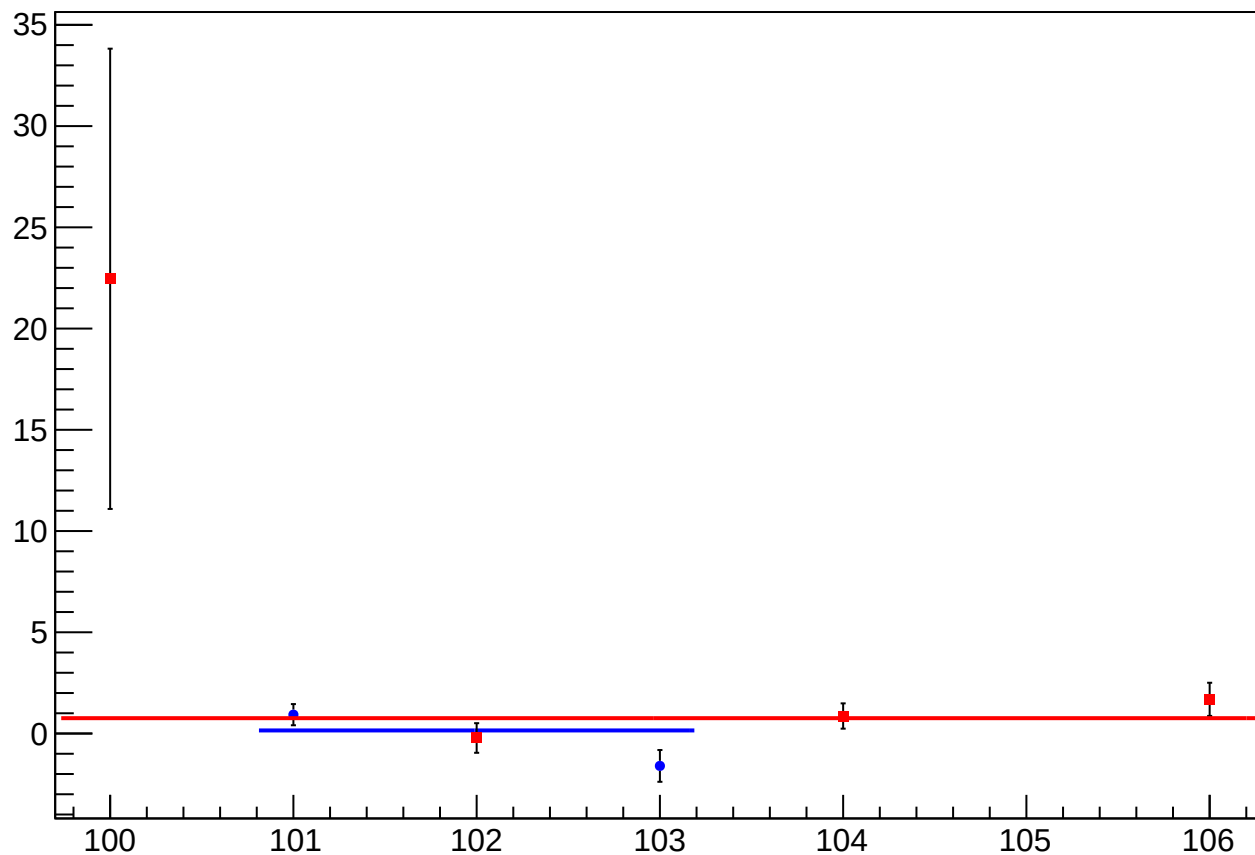
Right: -0.445 ± 0.213 $\chi^2/\text{NDF}: 99.2/5$

In: -0.571 ± 0.307 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.445 ± 0.213 $\chi^2/\text{NDF}: 99.2/5$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.152+/-0.435 χ^2/NDF : 7.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.758+/-0.411 χ^2/NDF : 6.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

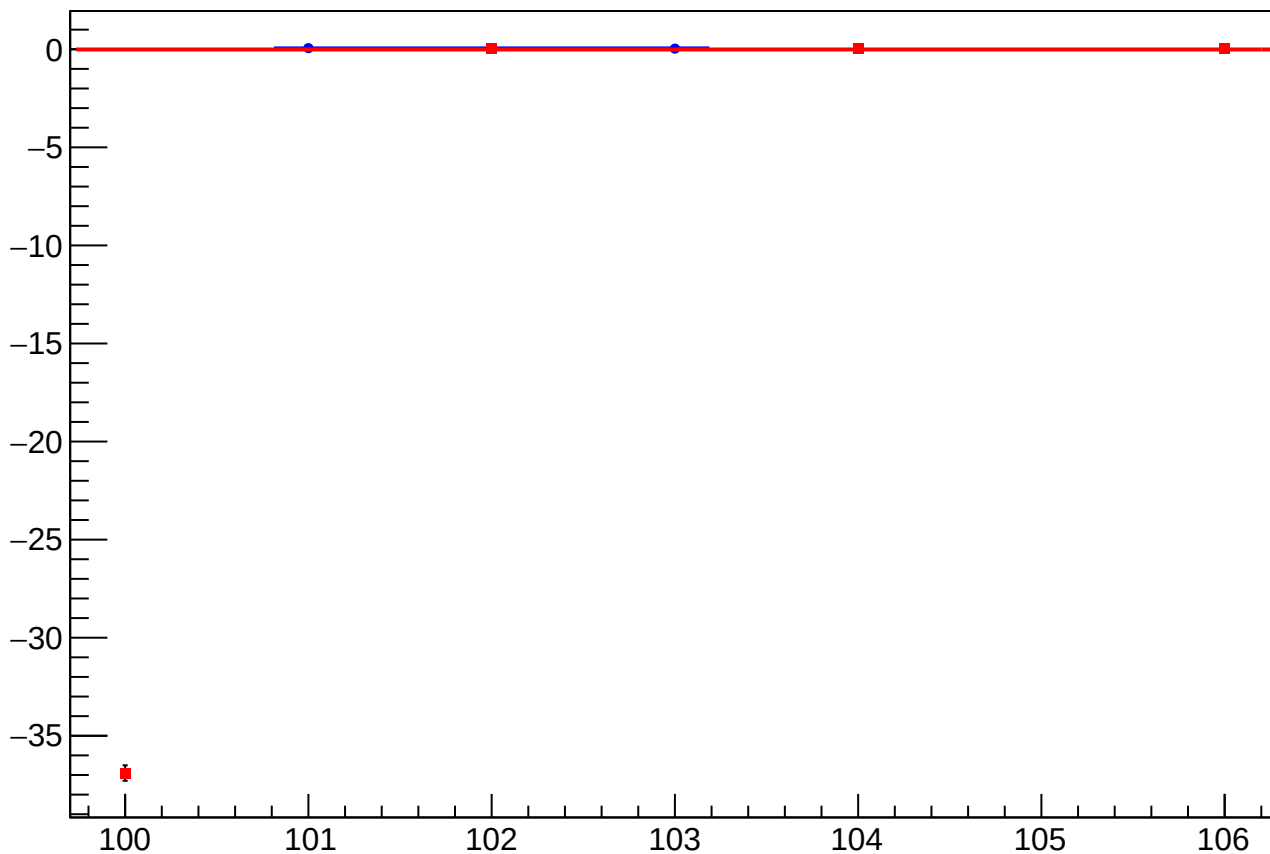
Right: 0.473+/-0.299 χ^2/NDF : 15.0/5

In: 0.152+/-0.435 χ^2/NDF : 7.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.473+/-0.299 χ^2/NDF : 15.0/5

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.044+/-0.015 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.010+/-0.013 χ^2/NDF : 8739.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

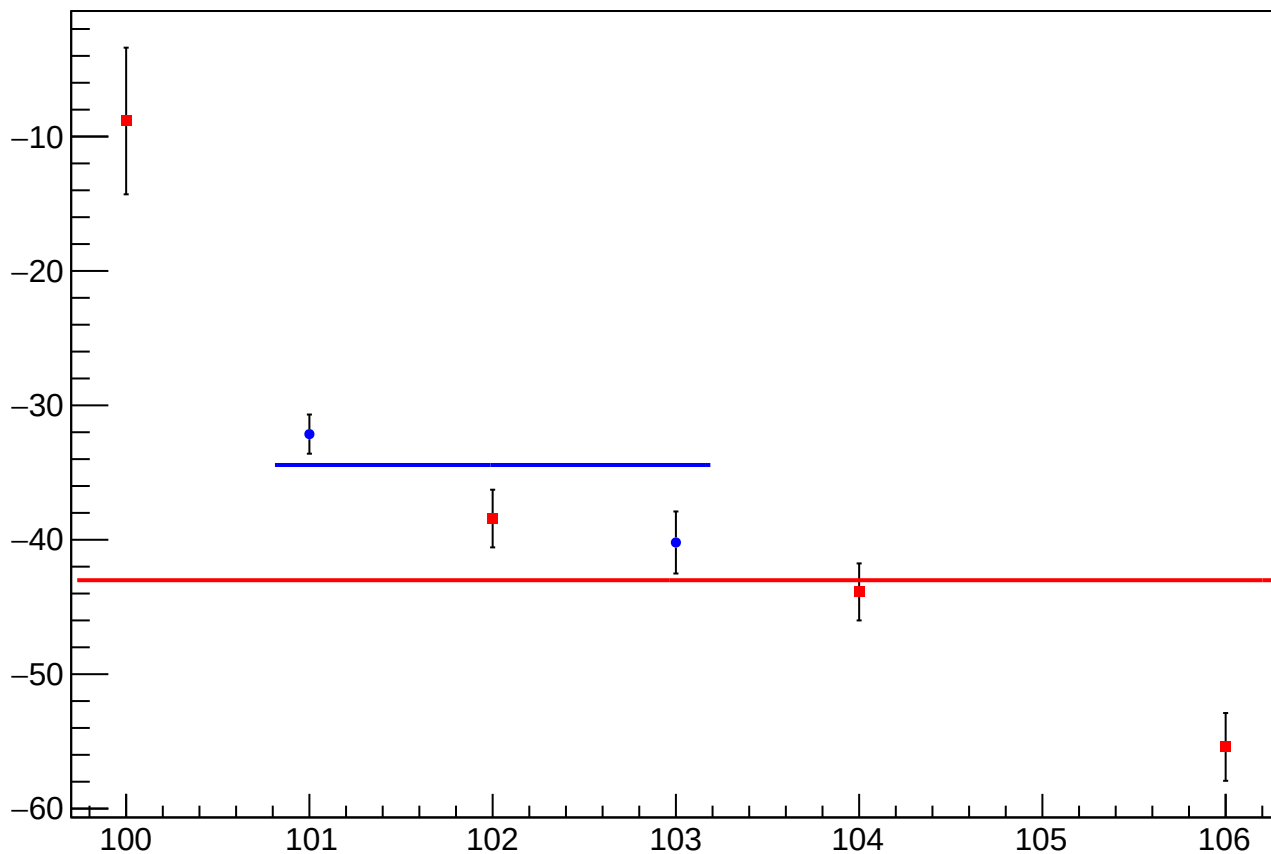
Right: 0.013+/-0.010 χ^2/NDF : 8747.5/5

In: 0.044+/-0.015 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.010 χ^2/NDF : 8747.5/5

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.436+/-1.232 χ^2/NDF : 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.009+/-1.259 χ^2/NDF : 68.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

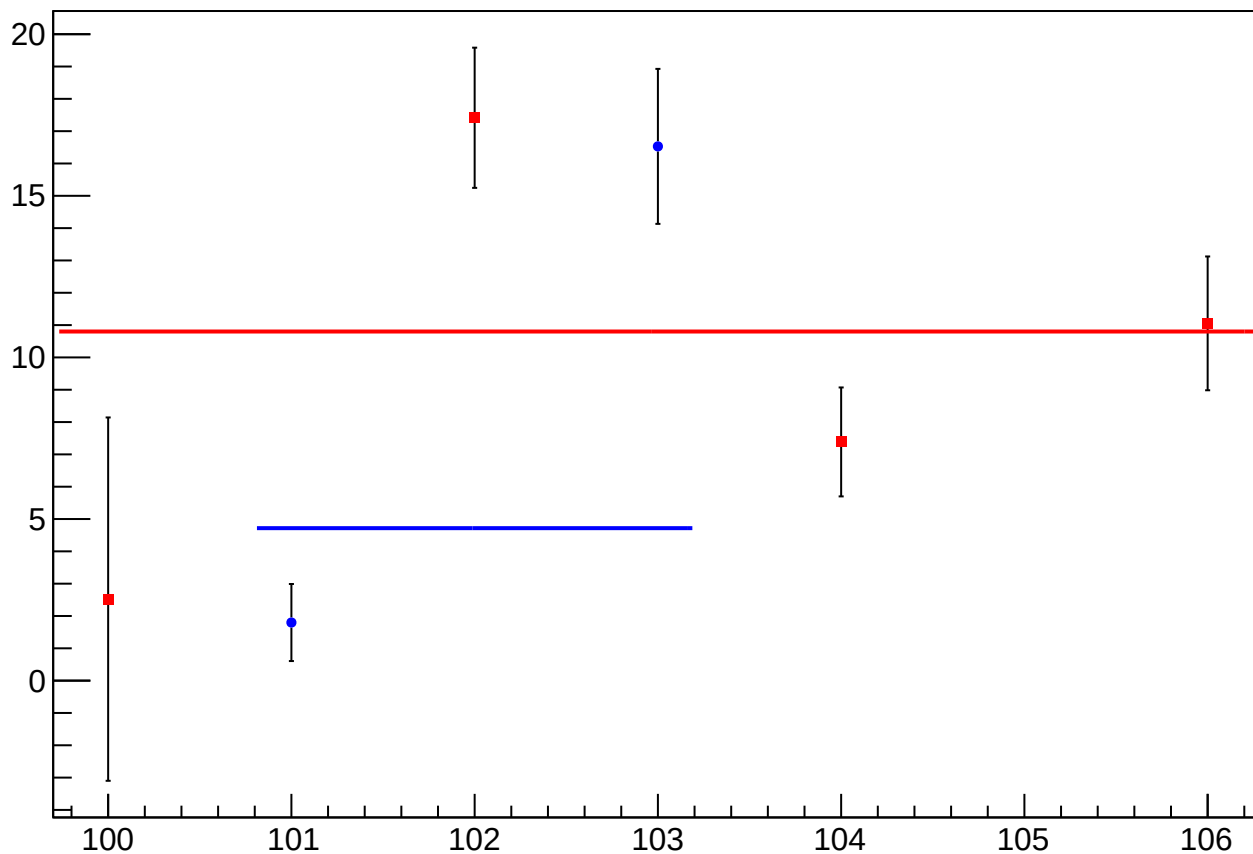
Right: -38.627+/-0.881 χ^2/NDF : 100.6/5

In: -34.436+/-1.232 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.627+/-0.881 χ^2/NDF : 100.6/5

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.717+/-1.067 χ^2/NDF : 30.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.802+/-1.098 χ^2/NDF : 15.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

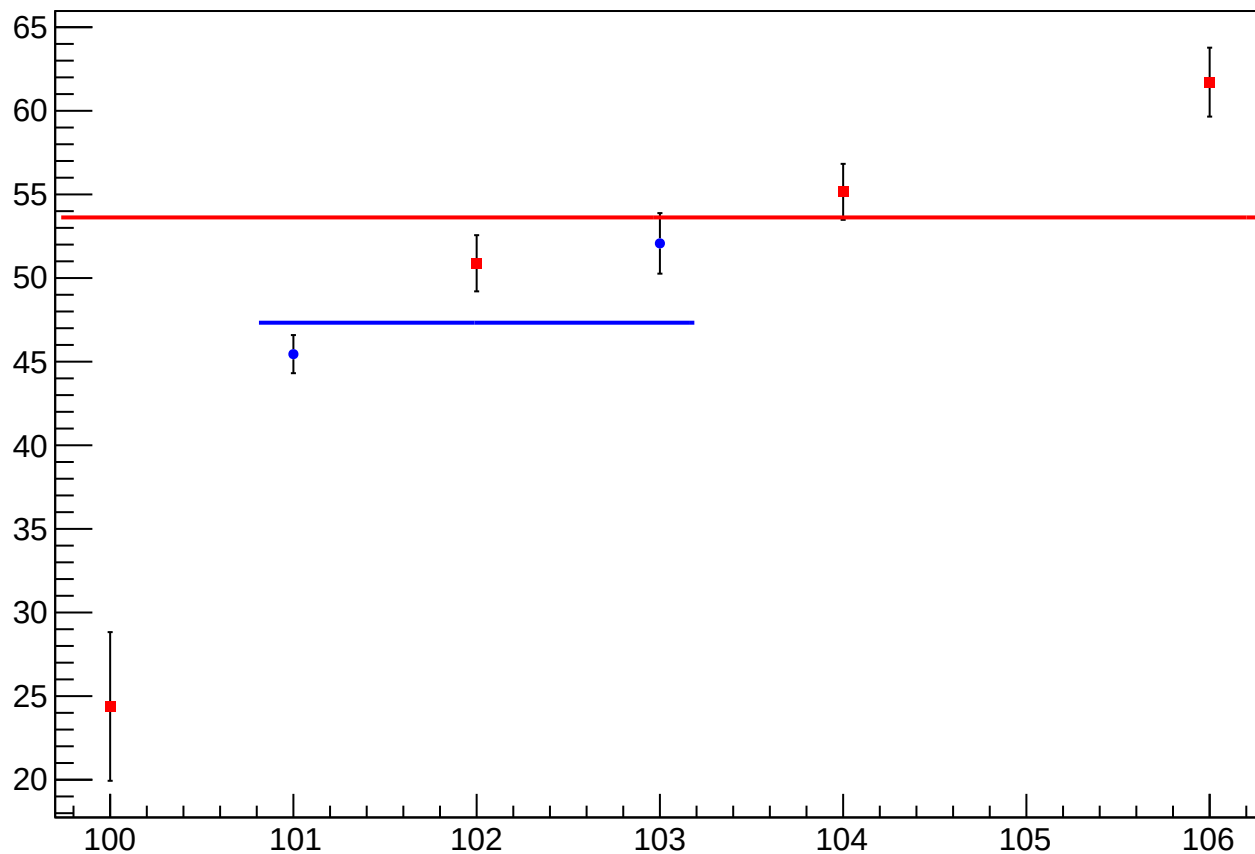
Right: 7.674+/-0.765 χ^2/NDF : 61.7/5

In: 4.717+/-1.067 χ^2/NDF : 30.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.674+/-0.765 χ^2/NDF : 61.7/5

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.329+/-0.965 χ^2/NDF : 9.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.625+/-1.001 χ^2/NDF : 62.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

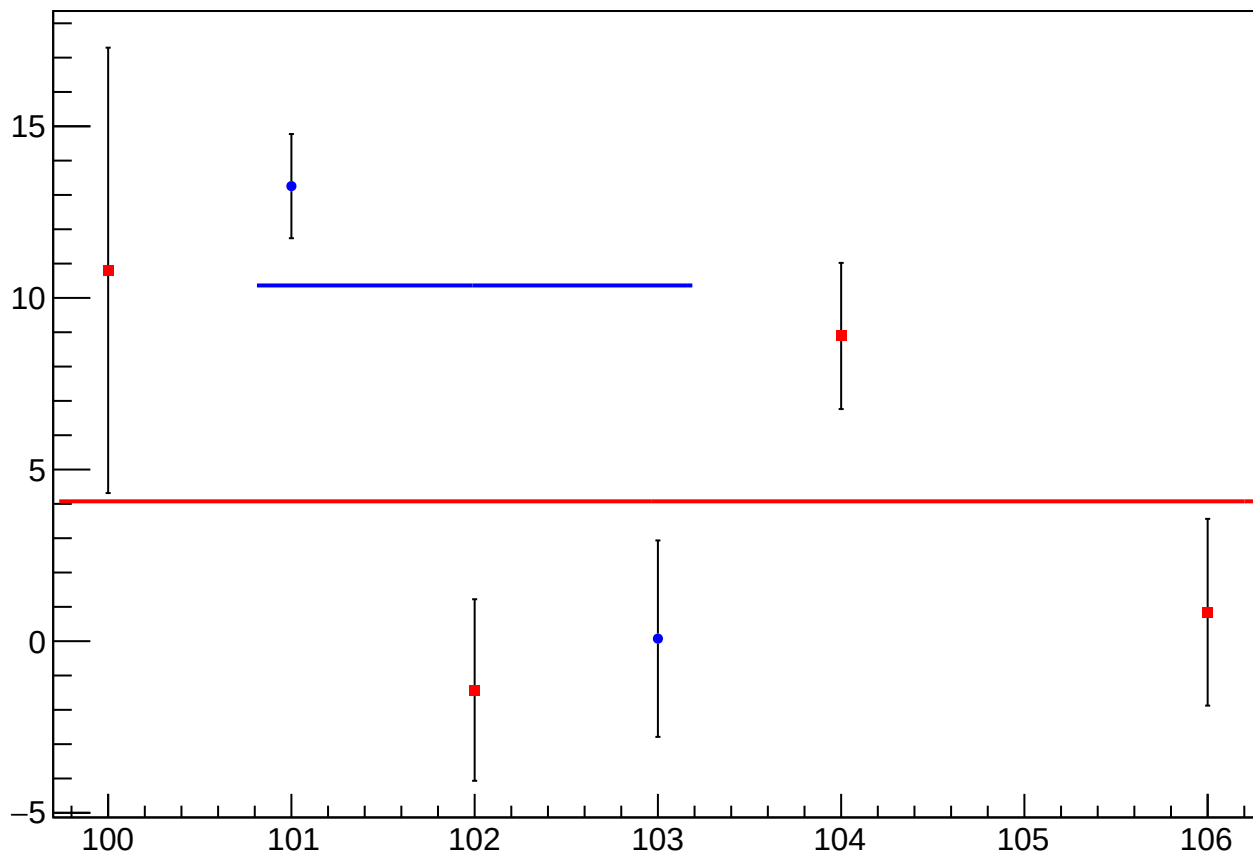
Right: 50.360+/-0.695 χ^2/NDF : 92.3/5

In: 47.329+/-0.965 χ^2/NDF : 9.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.360+/-0.695 χ^2/NDF : 92.3/5

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.363+/-1.341 χ^2/NDF : 16.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.074+/-1.383 χ^2/NDF : 11.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

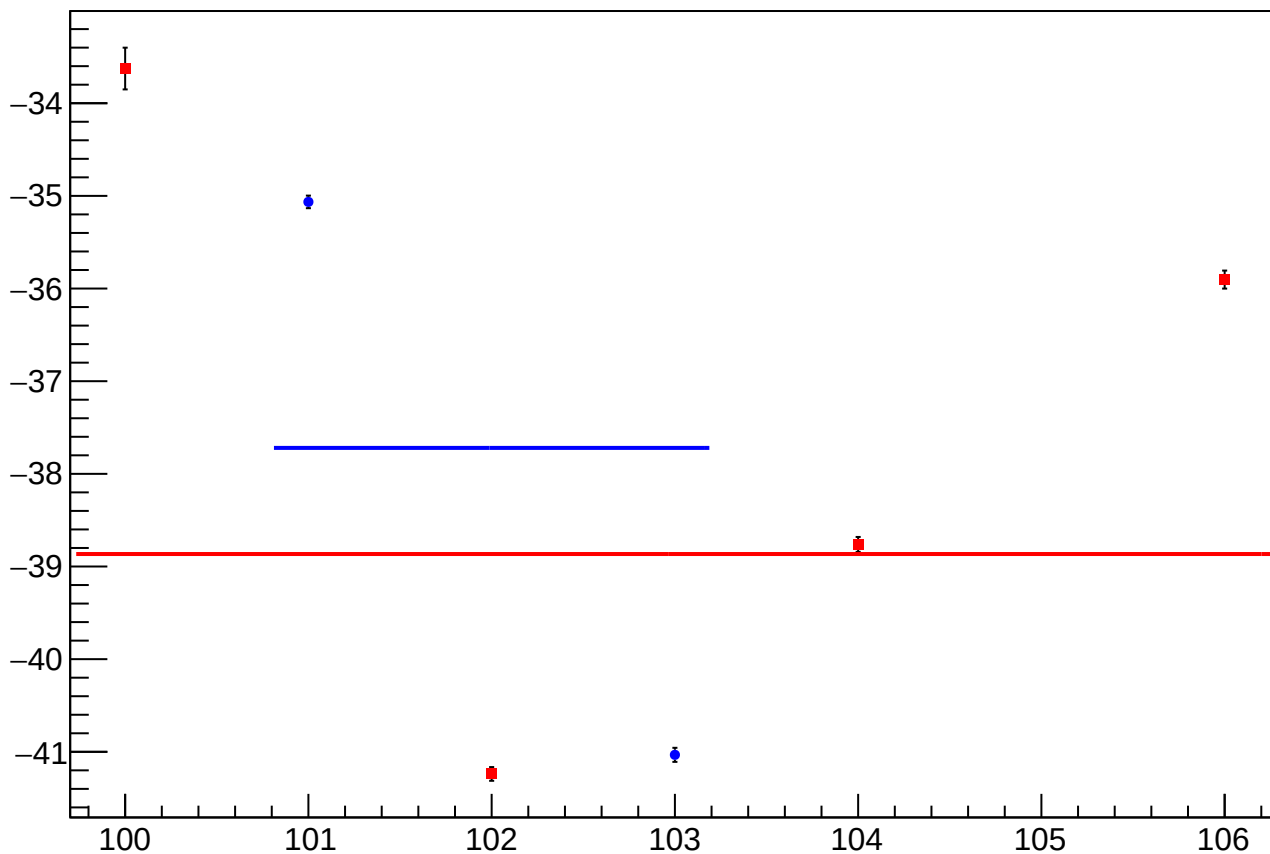
Right: 7.317+/-0.963 χ^2/NDF : 39.1/5

In: 10.363+/-1.341 χ^2/NDF : 16.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.317+/-0.963 χ^2/NDF : 39.1/5

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.720 ± 0.051 χ^2/NDF : 3433.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.865 ± 0.047 χ^2/NDF : 2498.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

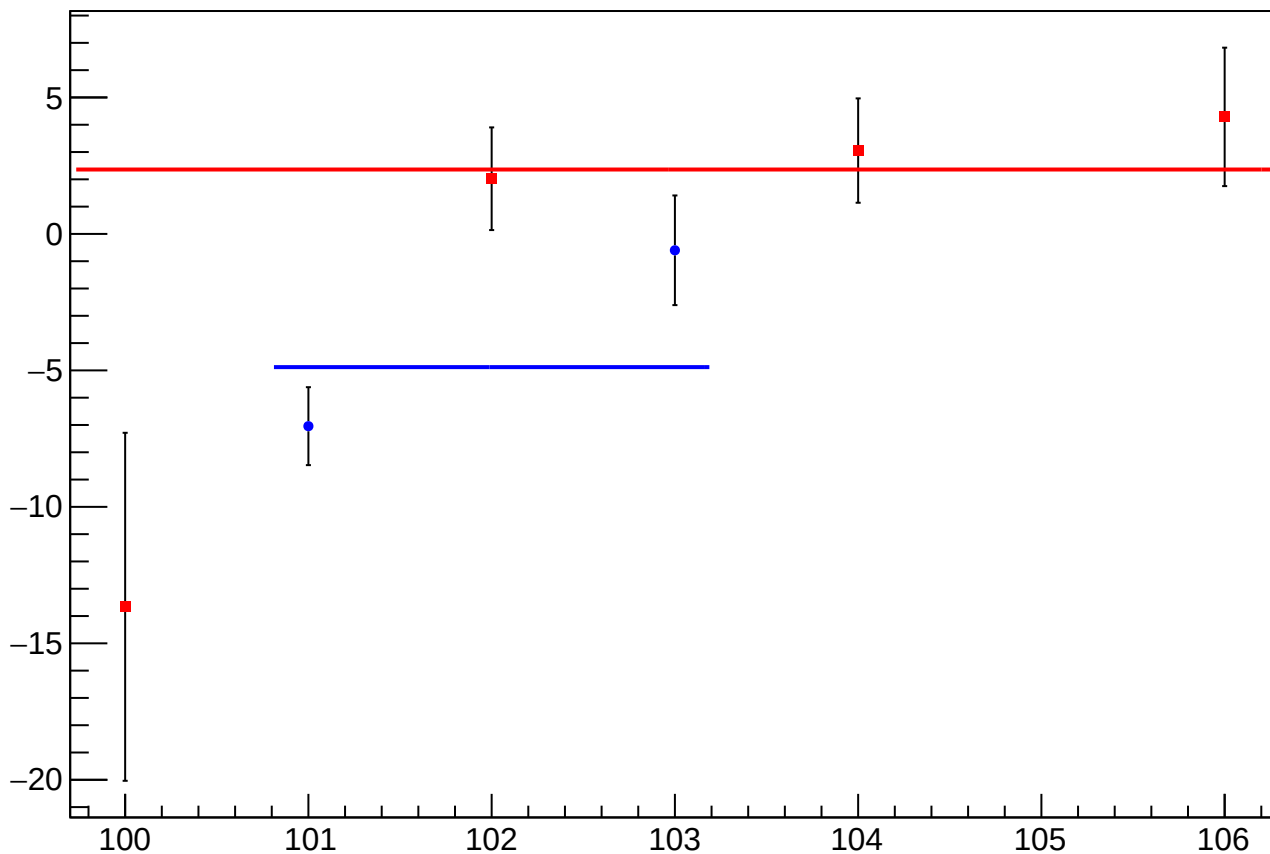
Right: -38.341 ± 0.034 χ^2/NDF : 6209.9/5

In: -37.720 ± 0.051 χ^2/NDF : 3433.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.341 ± 0.034 χ^2/NDF : 6209.9/5

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.880 ± 1.164 χ^2/NDF : 6.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.360 ± 1.165 χ^2/NDF : 7.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

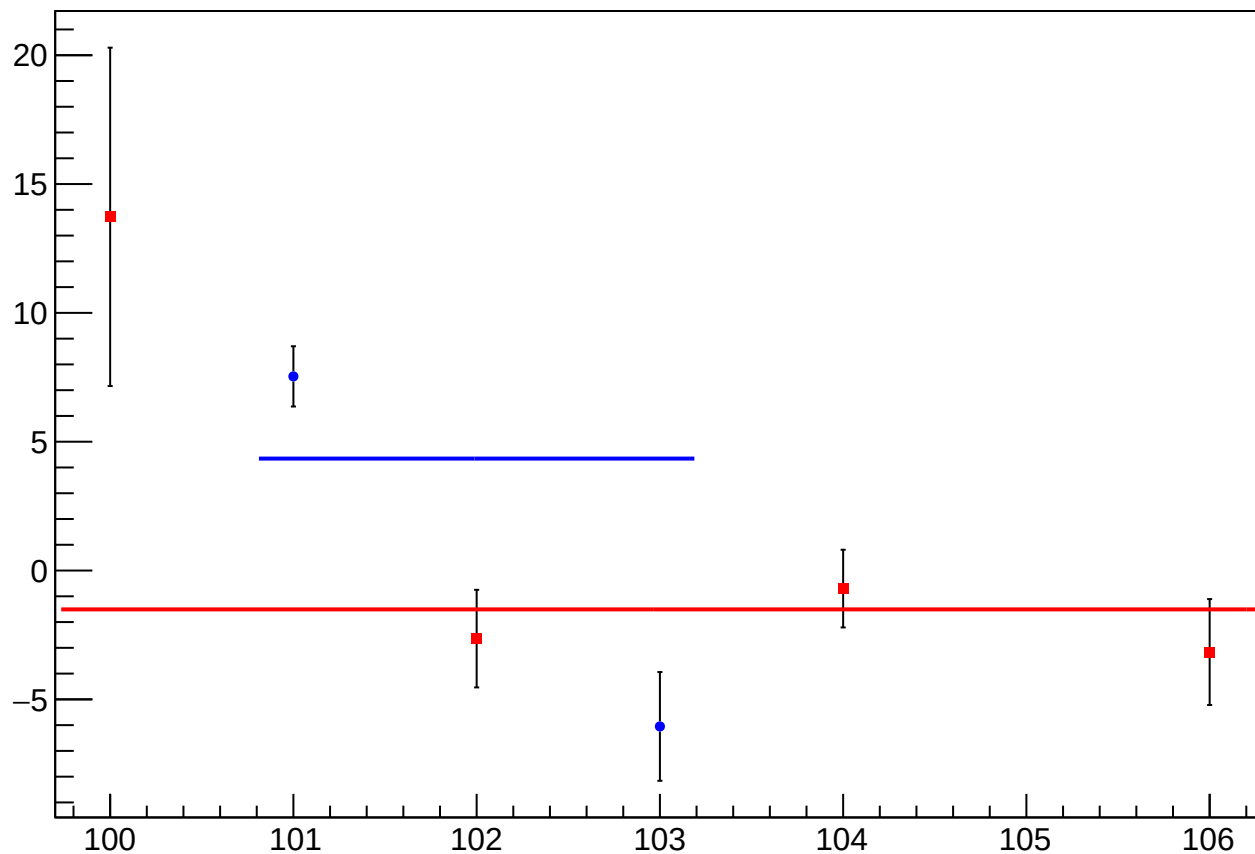
Right: -1.265 ± 0.823 χ^2/NDF : 33.2/5

In: -4.880 ± 1.164 χ^2/NDF : 6.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.265 ± 0.823 χ^2/NDF : 33.2/5

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.345 ± 1.023 $\chi^2/\text{NDF}: 31.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.508 ± 1.011 $\chi^2/\text{NDF}: 6.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

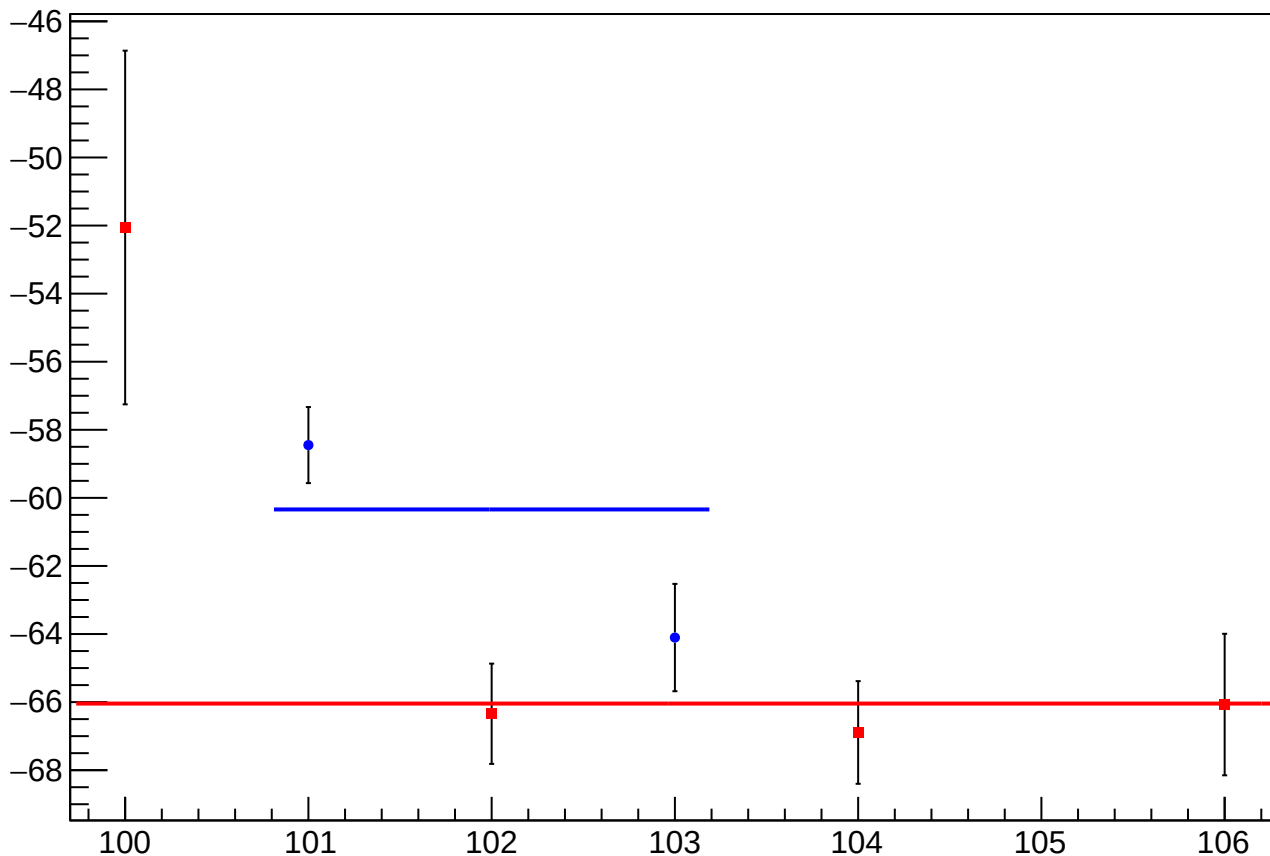
Right: 1.384 ± 0.719 $\chi^2/\text{NDF}: 55.0/5$

In: 4.345 ± 1.023 $\chi^2/\text{NDF}: 31.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.384 ± 0.719 $\chi^2/\text{NDF}: 55.0/5$

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.340 $\pm$ 0.912 χ^2 /NDF: 8.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.043 $\pm$ 0.925 χ^2 /NDF: 7.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

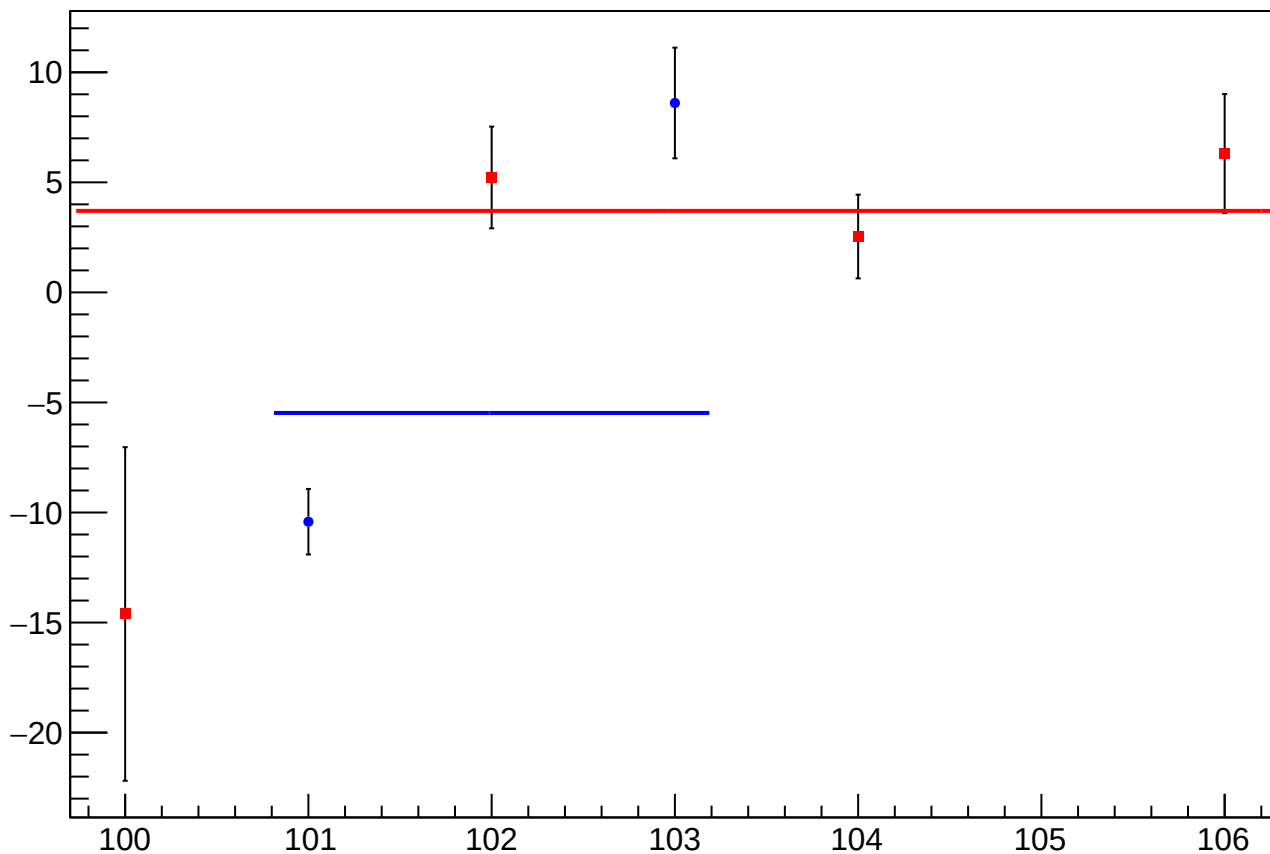
Right: -63.151 $\pm$ 0.649 χ^2 /NDF: 35.4/5

In: -60.340 $\pm$ 0.912 χ^2 /NDF: 8.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.151 $\pm$ 0.649 χ^2 /NDF: 35.4/5

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.477+/-1.281 χ^2/NDF : 42.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.704+/-1.272 χ^2/NDF : 7.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

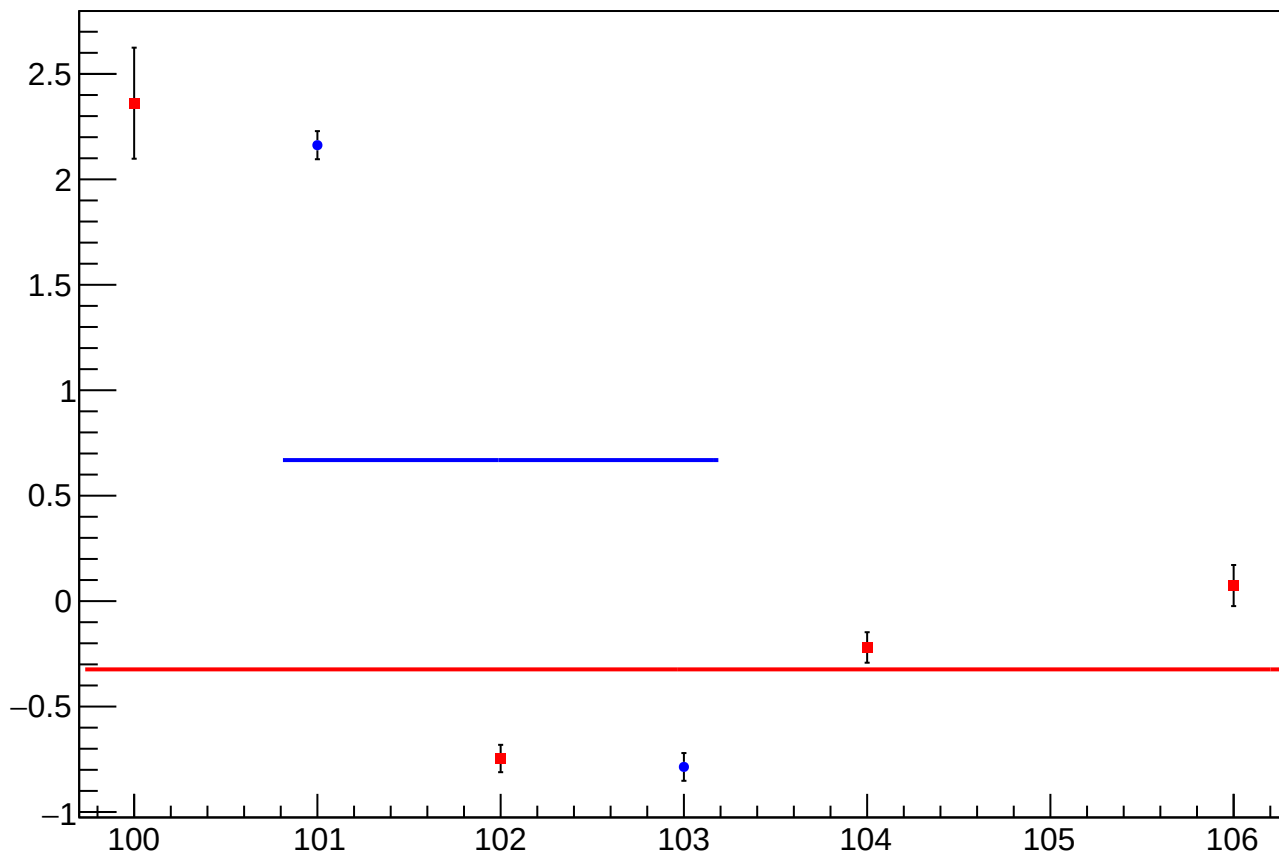
Right: -0.853+/-0.903 χ^2/NDF : 75.8/5

In: -5.477+/-1.281 χ^2/NDF : 42.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.853+/-0.903 χ^2/NDF : 75.8/5

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.669 ± 0.047 χ^2/NDF : 990.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.324 ± 0.043 χ^2/NDF : 165.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

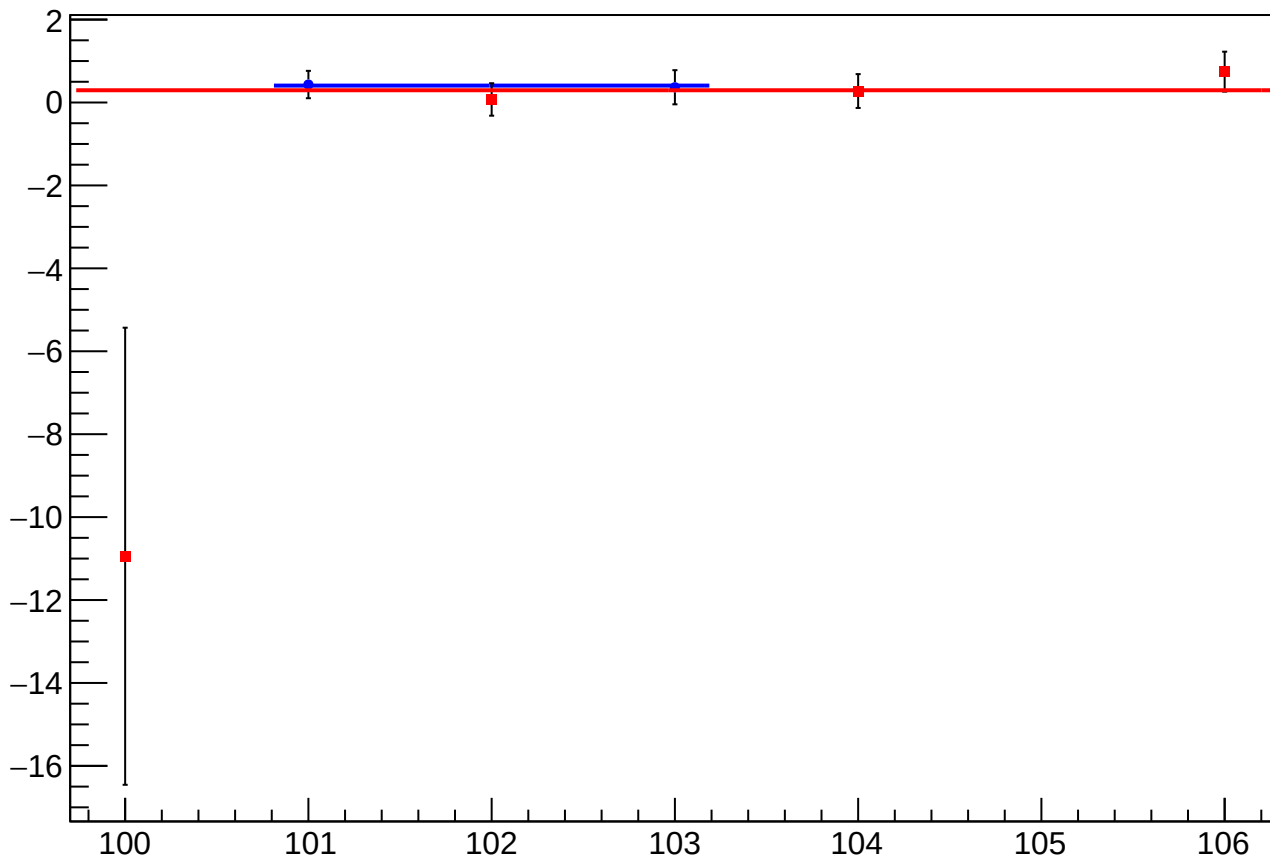
Right: 0.127 ± 0.032 χ^2/NDF : 1401.4/5

In: 0.669 ± 0.047 χ^2/NDF : 990.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.127 ± 0.032 χ^2/NDF : 1401.4/5

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.408 $\pm$ 0.258 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.295 $\pm$ 0.243 χ^2 /NDF: 5.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

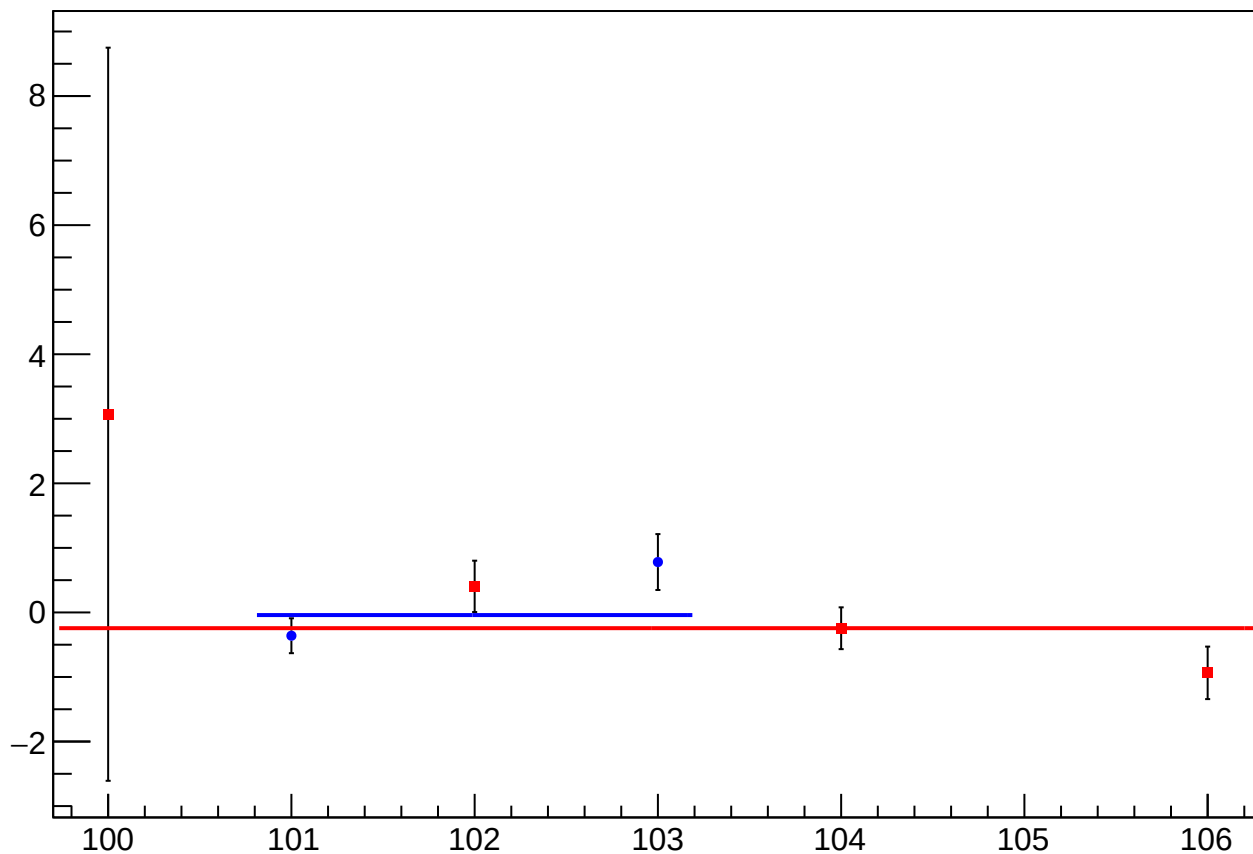
Right: 0.348 $\pm$ 0.177 χ^2 /NDF: 5.5/5

In: 0.408 $\pm$ 0.258 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.348 $\pm$ 0.177 χ^2 /NDF: 5.5/5

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.229 χ^2 /NDF: 5.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.244 $\pm$ 0.214 χ^2 /NDF: 5.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

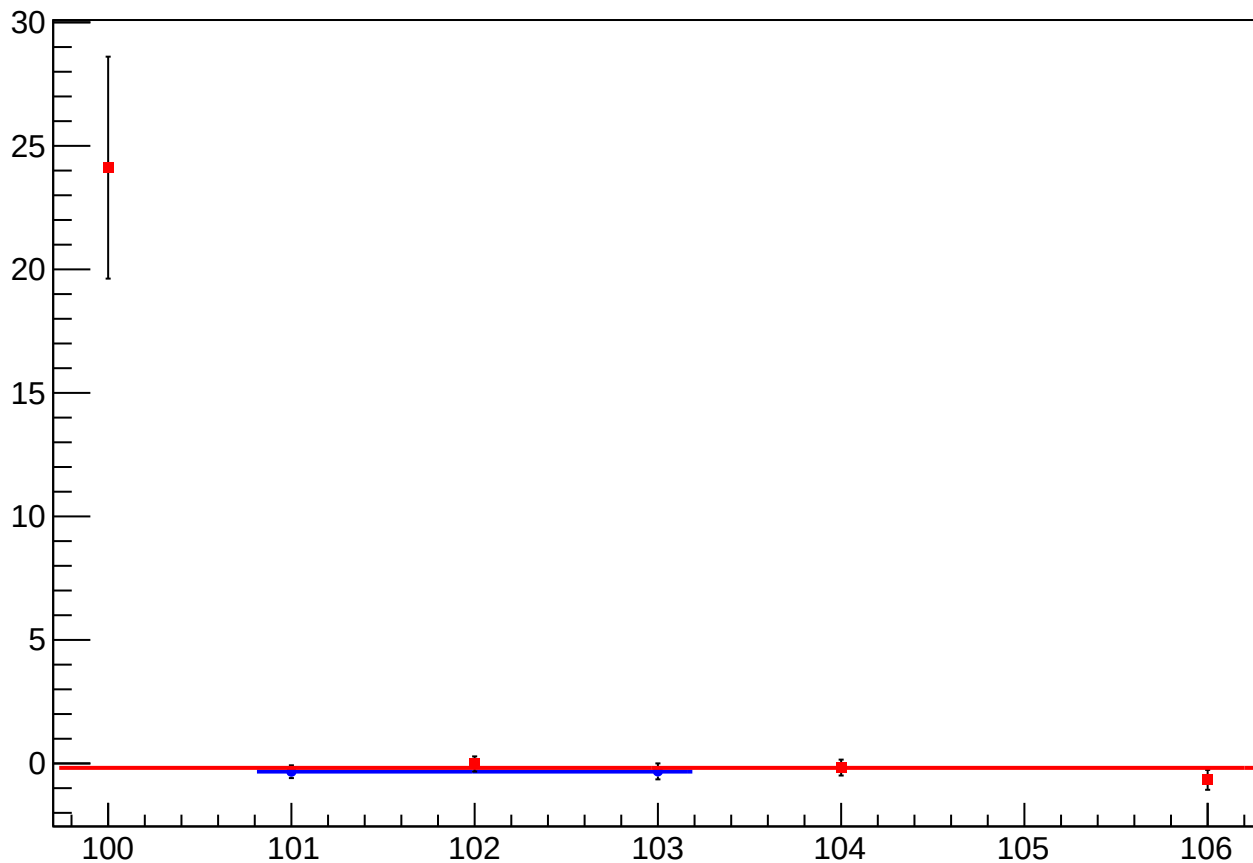
Right: -0.150 $\pm$ 0.156 χ^2 /NDF: 11.3/5

In: -0.041 $\pm$ 0.229 χ^2 /NDF:5.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.150 $\pm$ 0.156 χ^2 /NDF: 11.3/5

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.329 ± 0.202 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.179 ± 0.194 $\chi^2/\text{NDF}: 31.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

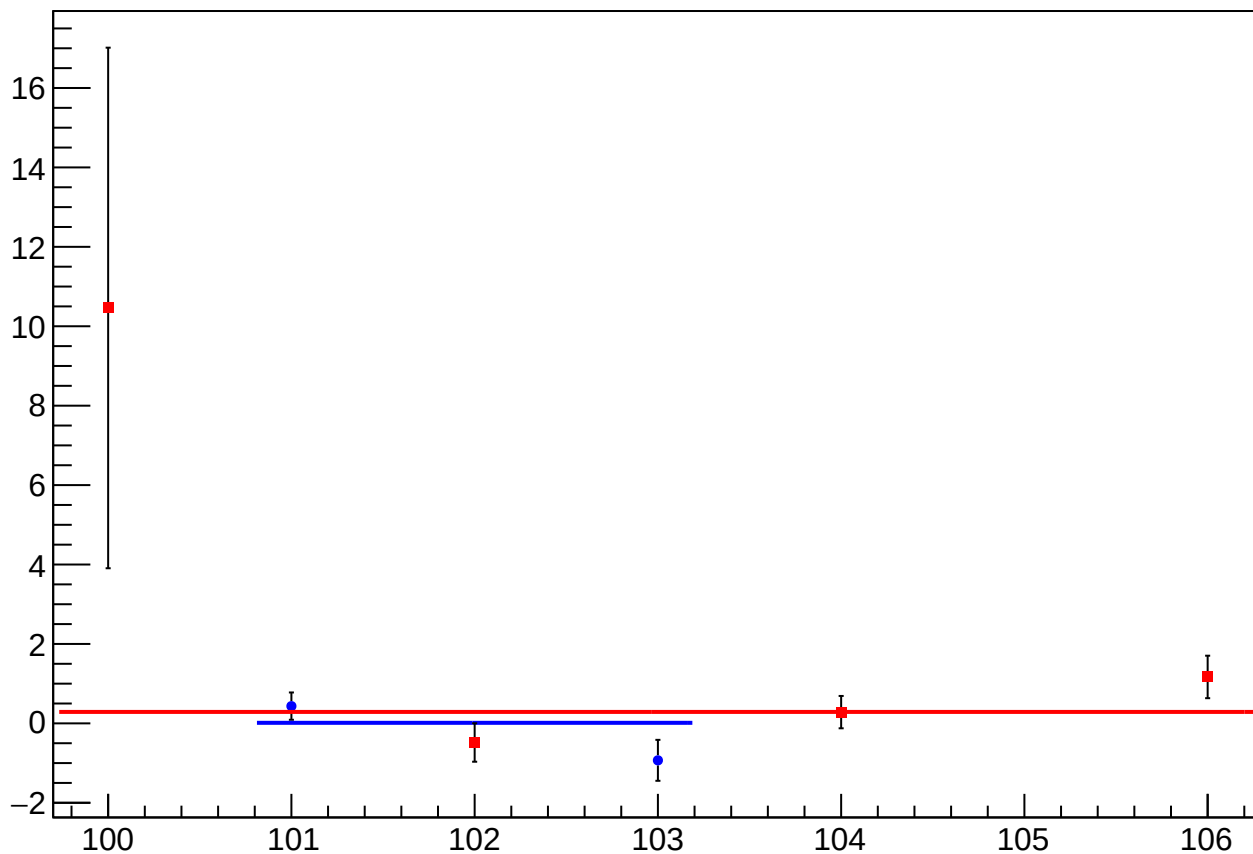
Right: -0.251 ± 0.140 $\chi^2/\text{NDF}: 31.3/5$

In: -0.329 ± 0.202 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.251 ± 0.140 $\chi^2/\text{NDF}: 31.3/5$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.014+/-0.286 χ^2/NDF : 4.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.288+/-0.269 χ^2/NDF : 7.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

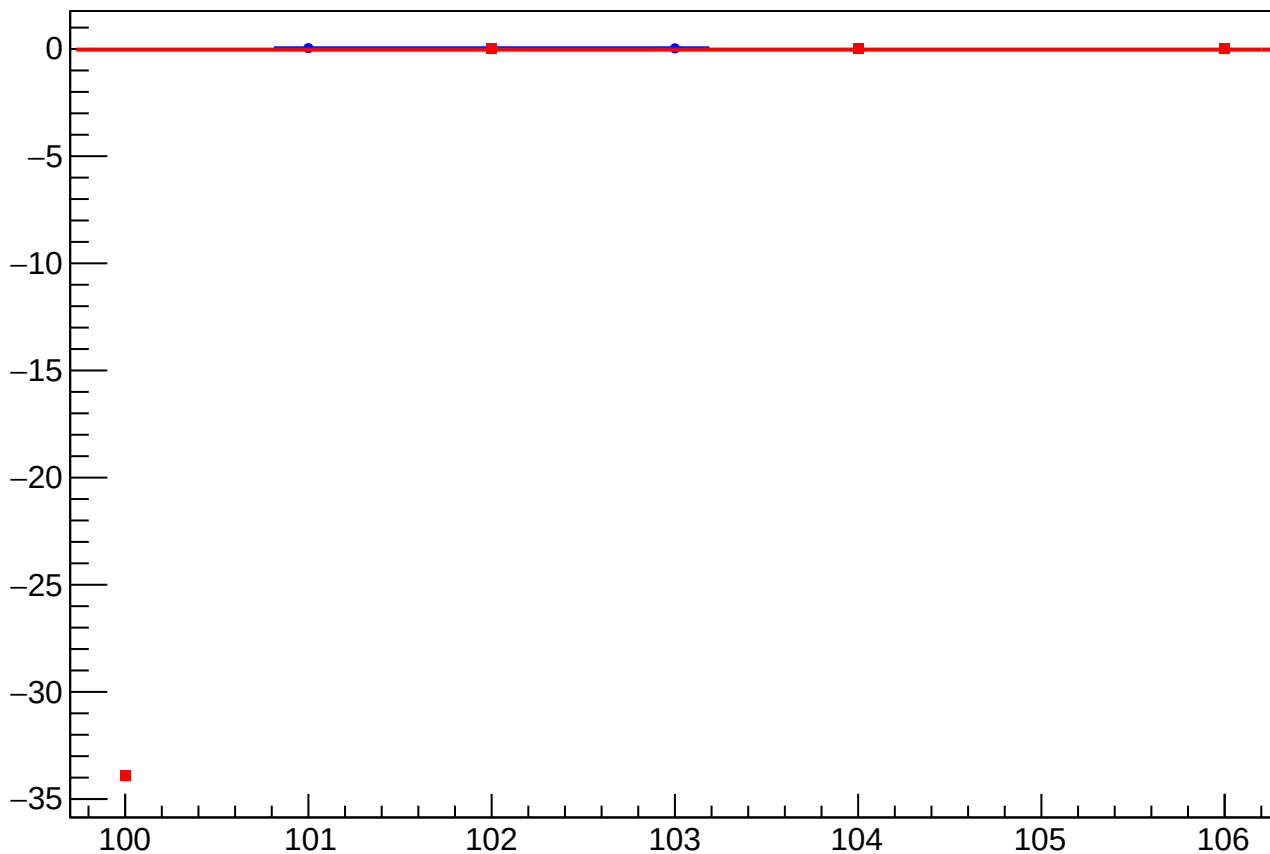
Right: 0.159+/-0.196 χ^2/NDF : 13.0/5

In: 0.014+/-0.286 χ^2/NDF : 4.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.159+/-0.196 χ^2/NDF : 13.0/5

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036+/-0.010 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.025+/-0.009 χ^2/NDF : 22224.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

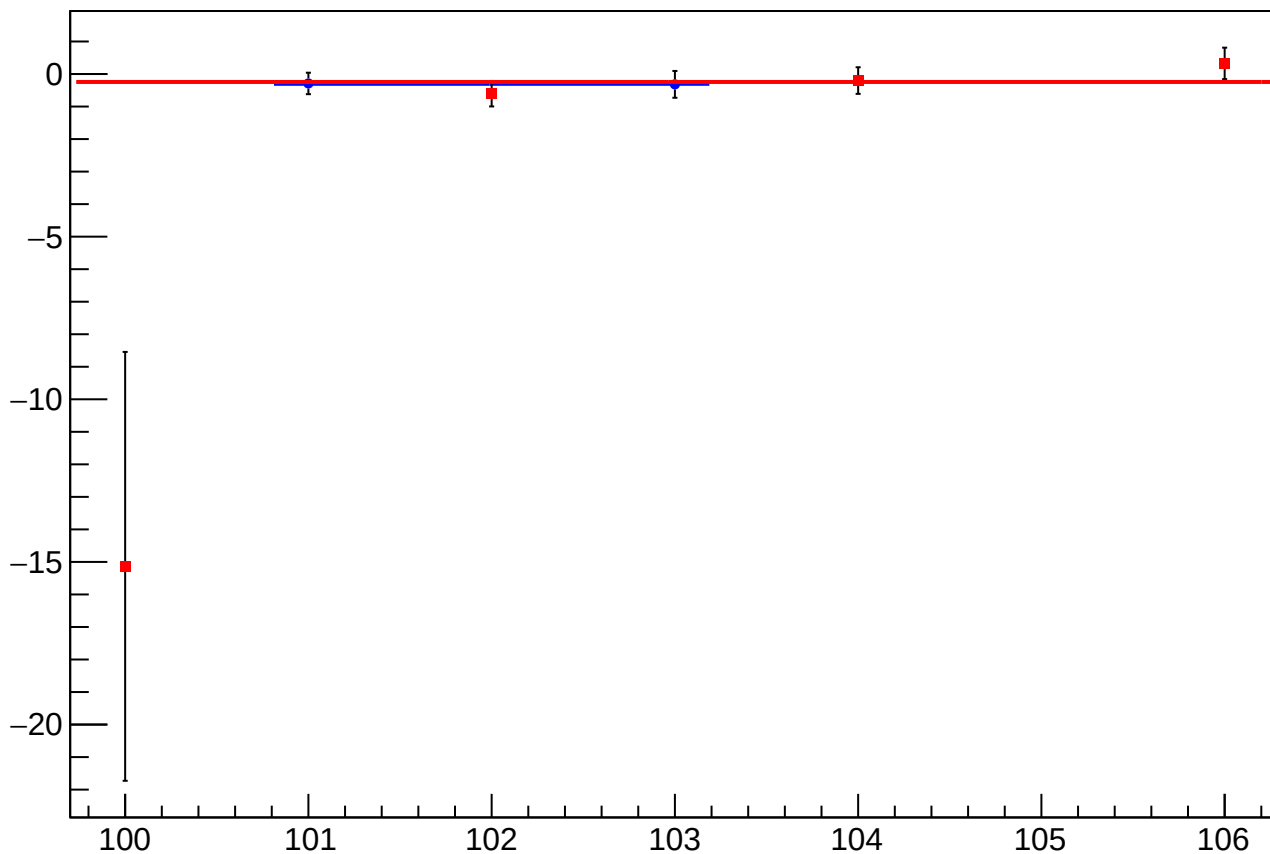
Right: 0.001+/-0.007 χ^2/NDF : 22245.5/5

In: 0.036+/-0.010 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 22245.5/5

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.301+/-0.258 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.244+/-0.244 χ^2/NDF : 7.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

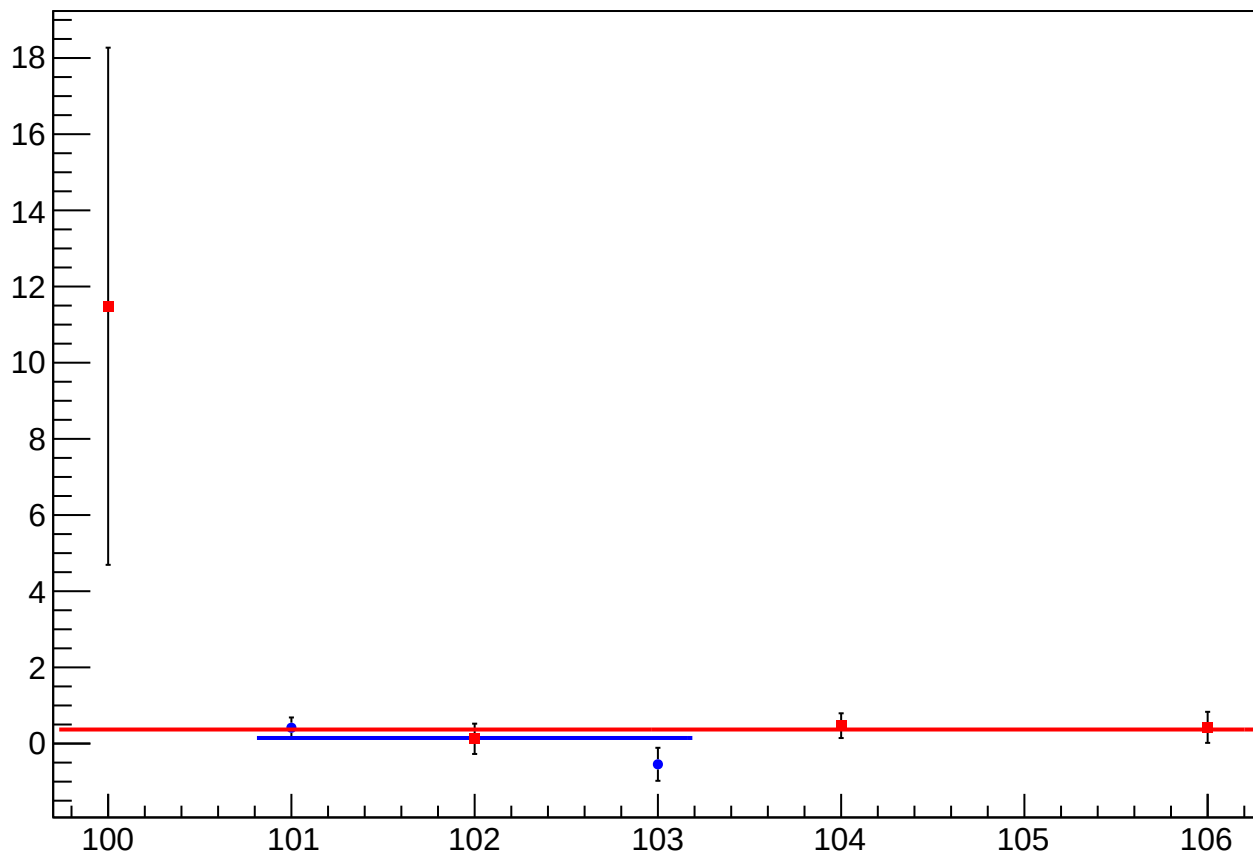
Right: -0.271+/-0.177 χ^2/NDF : 7.4/5

In: -0.301+/-0.258 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.271+/-0.177 χ^2/NDF : 7.4/5

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.146+/-0.229 χ^2/NDF : 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.369+/-0.214 χ^2/NDF : 3.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

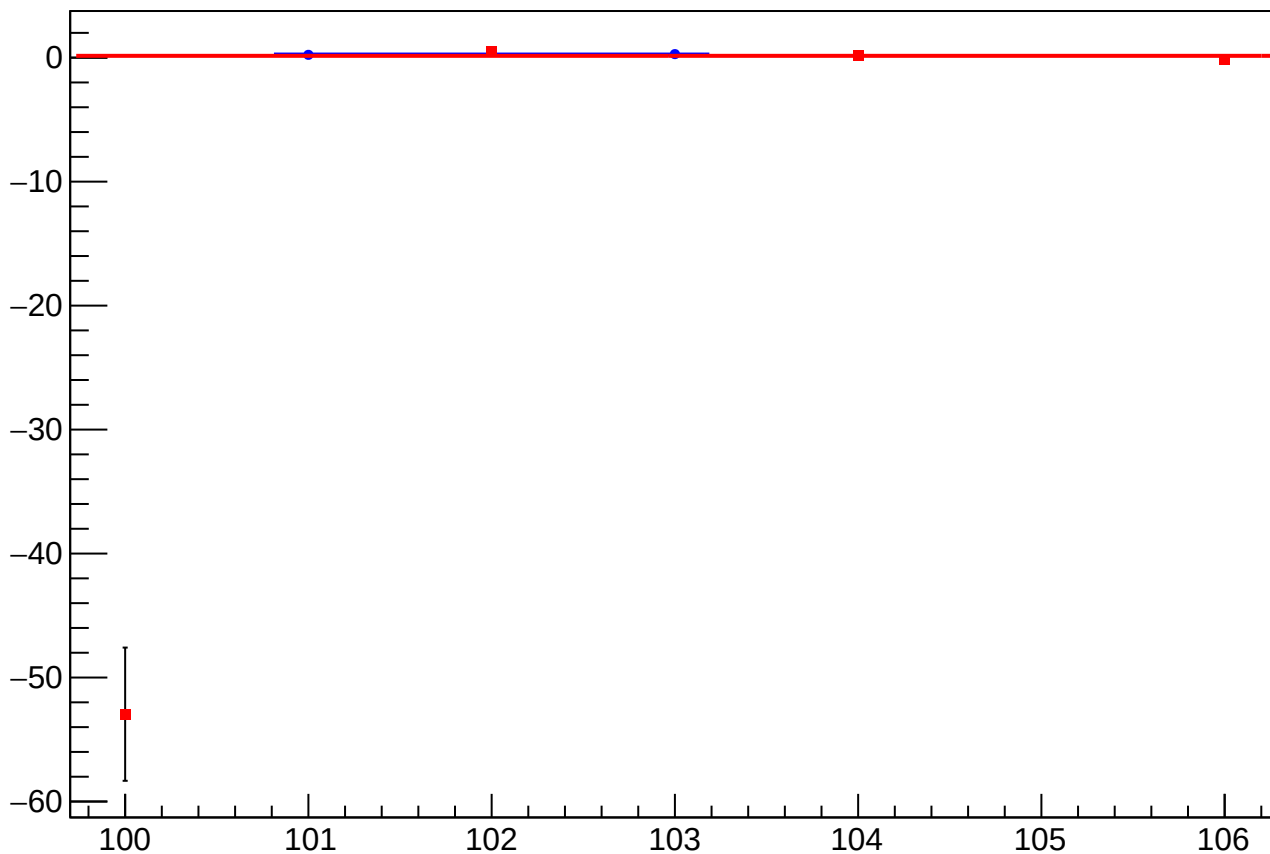
Right: 0.265+/-0.156 χ^2/NDF : 7.2/5

In: 0.146+/-0.229 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.265+/-0.156 χ^2/NDF : 7.2/5

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.251+/-0.202 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-0.194 χ^2/NDF : 99.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

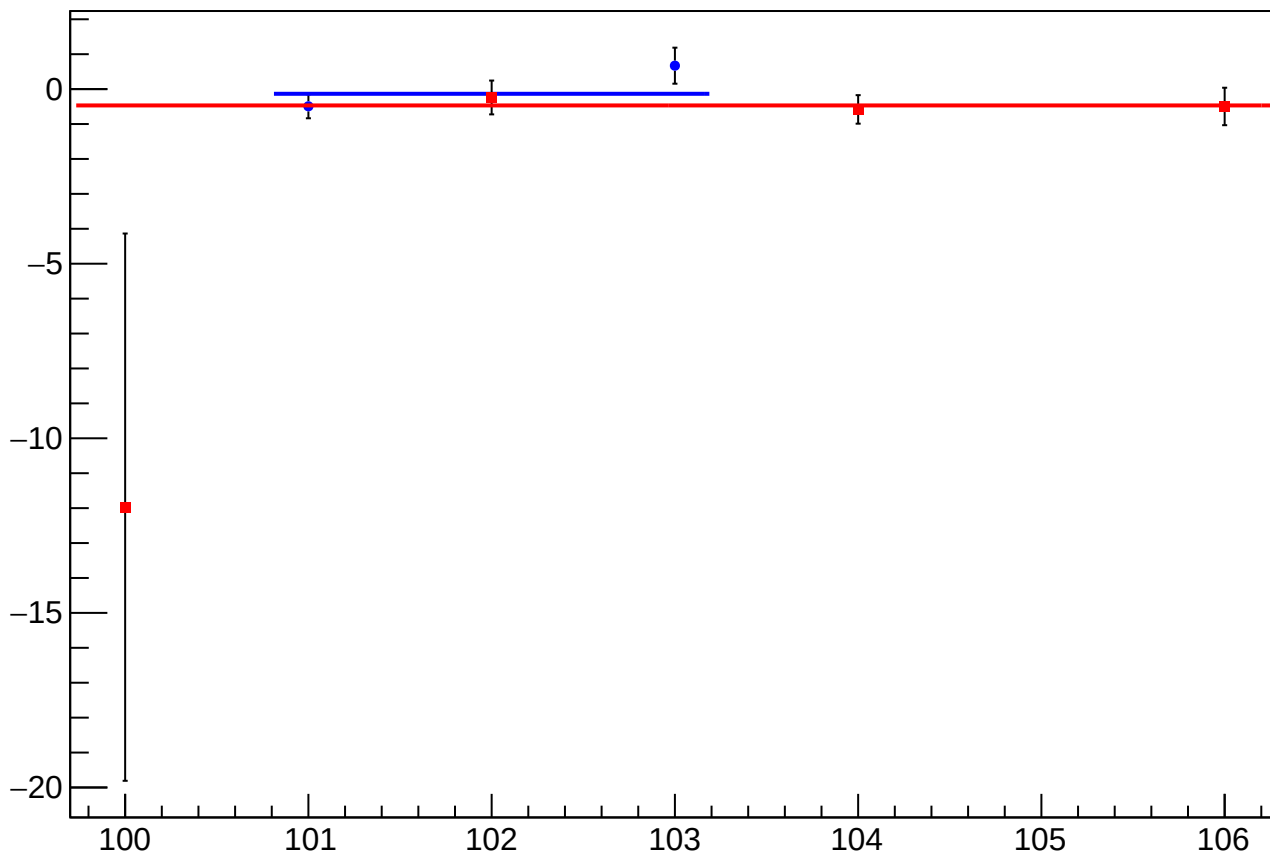
Right: 0.198+/-0.140 χ^2/NDF : 99.9/5

In: 0.251+/-0.202 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.198+/-0.140 χ^2/NDF : 99.9/5

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.134+/-0.286 χ^2/NDF : 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.468+/-0.270 χ^2/NDF : 2.5/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

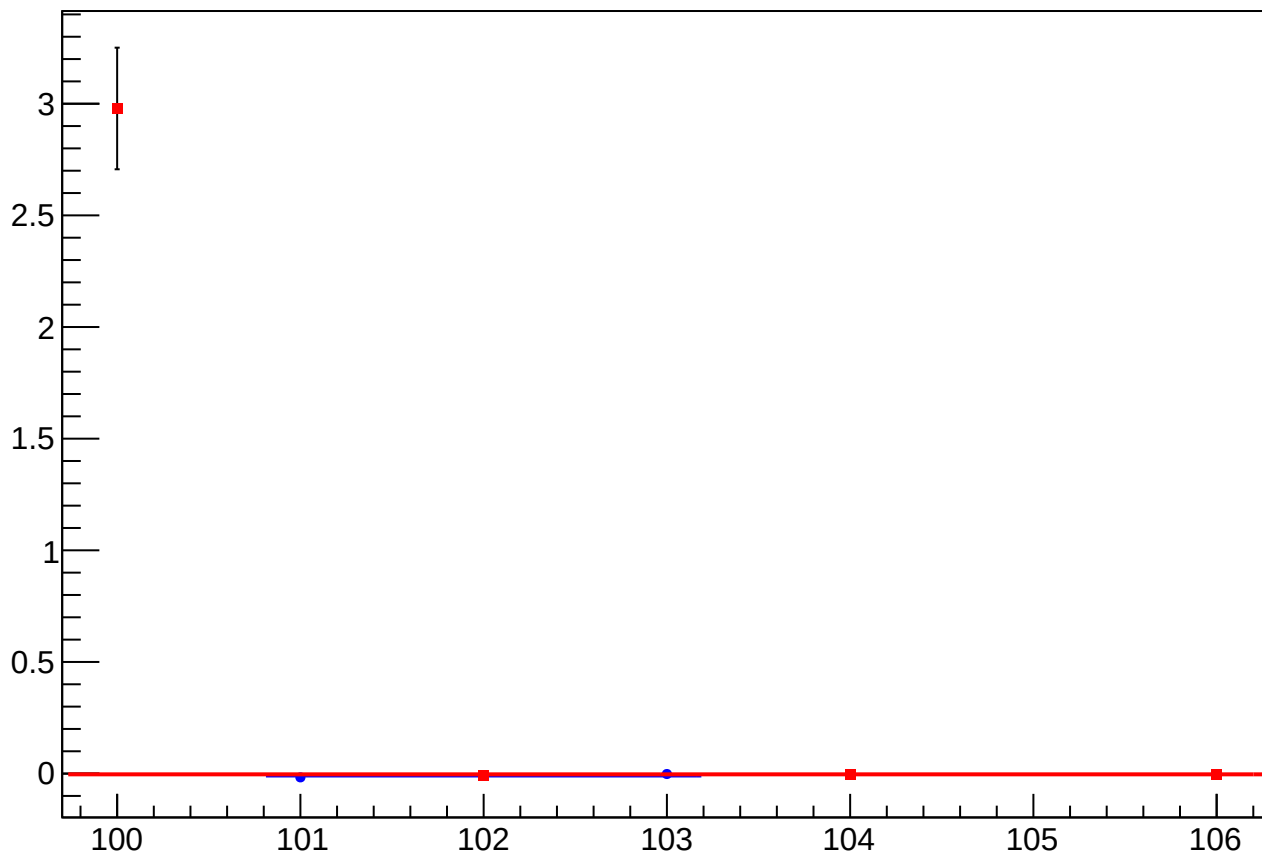
Right: -0.311+/-0.196 χ^2/NDF : 6.7/5

In: -0.134+/-0.286 χ^2/NDF :3.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.311+/-0.196 χ^2/NDF : 6.7/5

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.010 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 120.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

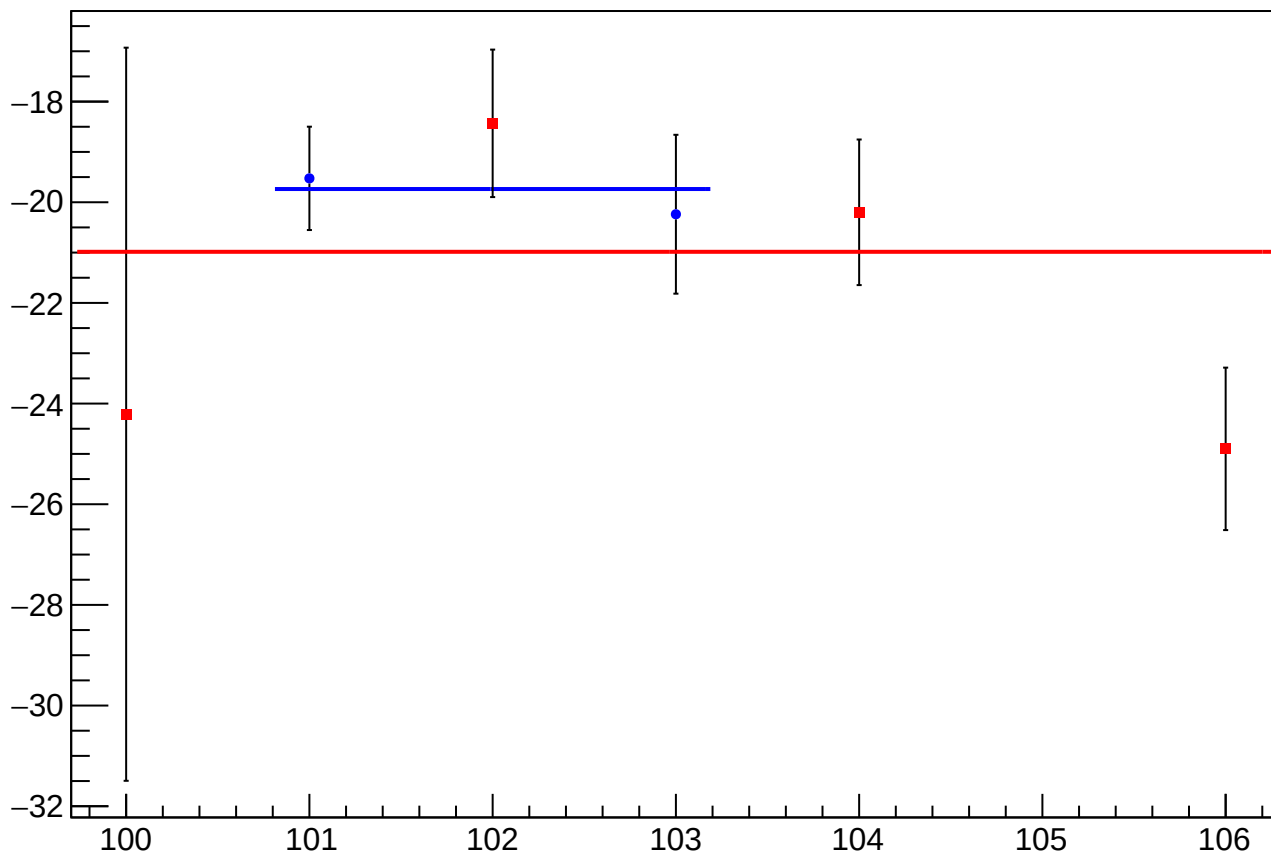
Right: -0.006 $\pm$ 0.007 χ^2 /NDF: 120.8/5

In: -0.008 $\pm$ 0.010 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.007 χ^2 /NDF: 120.8/5

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.737 $\pm$ 0.861 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.984 $\pm$ 0.862 χ^2 /NDF: 9.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

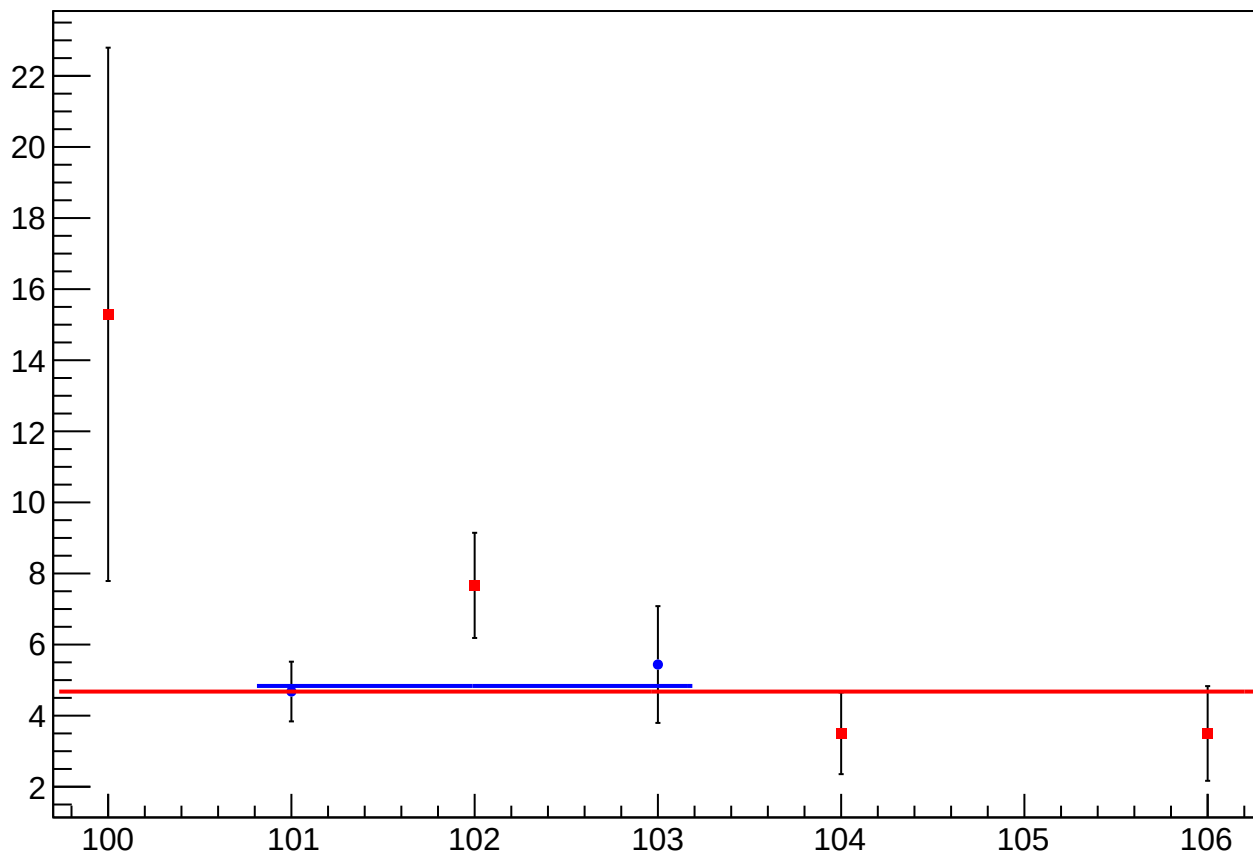
Right: -20.360 $\pm$ 0.609 χ^2 /NDF: 10.6/5

In: -19.737 $\pm$ 0.861 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.360 $\pm$ 0.609 χ^2 /NDF: 10.6/5

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.836+/-0.748 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.678+/-0.746 χ^2/NDF : 7.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

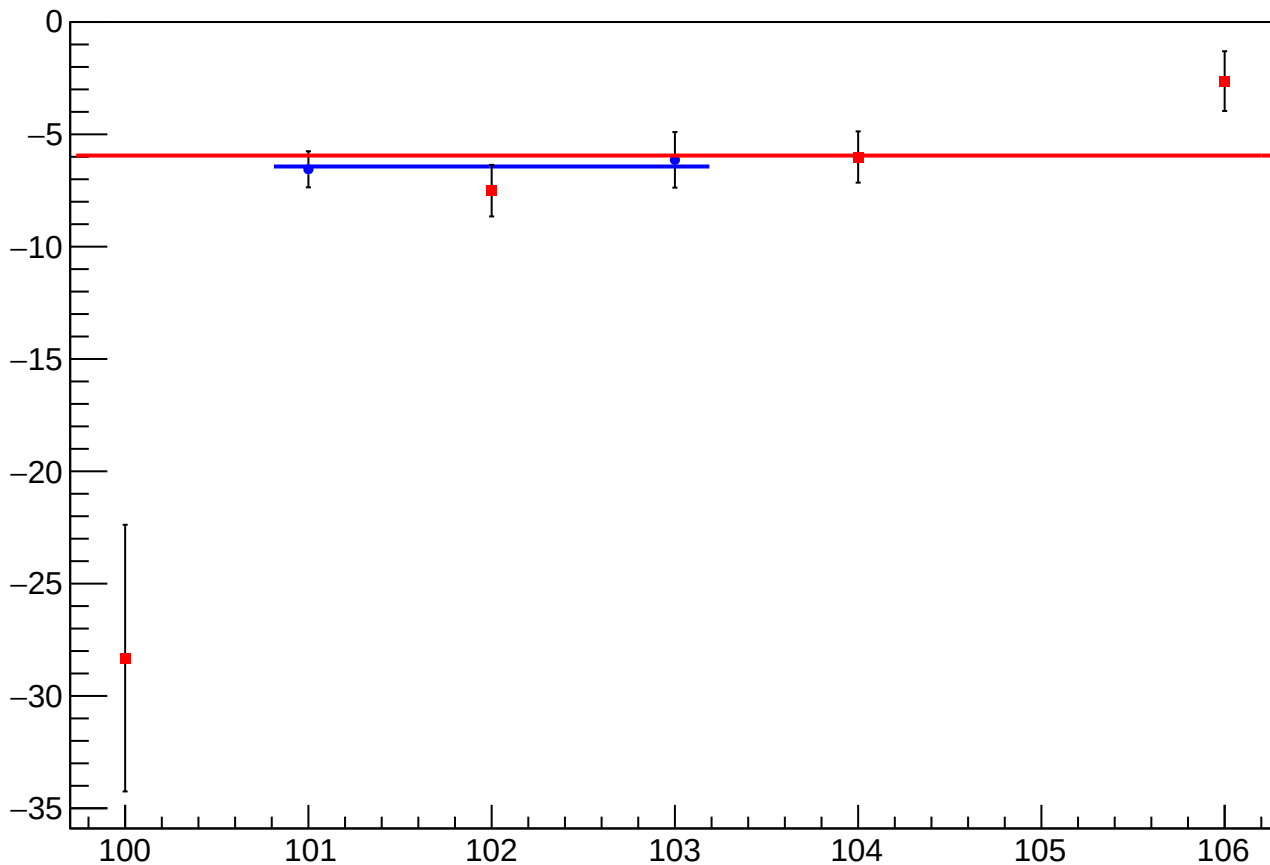
Right: 4.757+/-0.528 χ^2/NDF : 8.1/5

In: 4.836+/-0.748 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.757+/-0.528 χ^2/NDF : 8.1/5

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.432+/-0.674 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.944+/-0.687 χ^2/NDF : 22.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

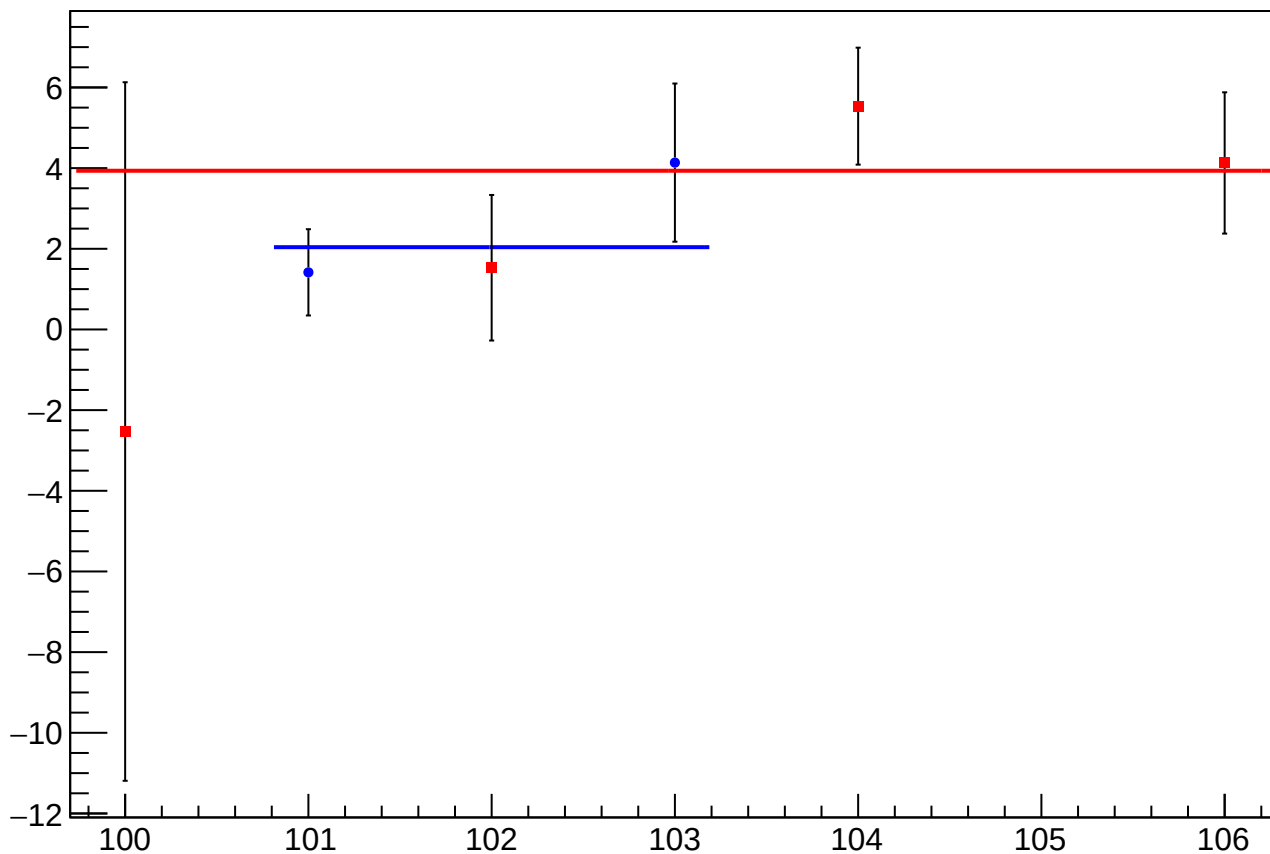
Right: -6.192+/-0.481 χ^2/NDF : 22.6/5

In: -6.432+/-0.674 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.192+/-0.481 χ^2/NDF : 22.6/5

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.040 $\pm$ 0.939 χ^2 /NDF: 1.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.935 $\pm$ 0.944 χ^2 /NDF: 3.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

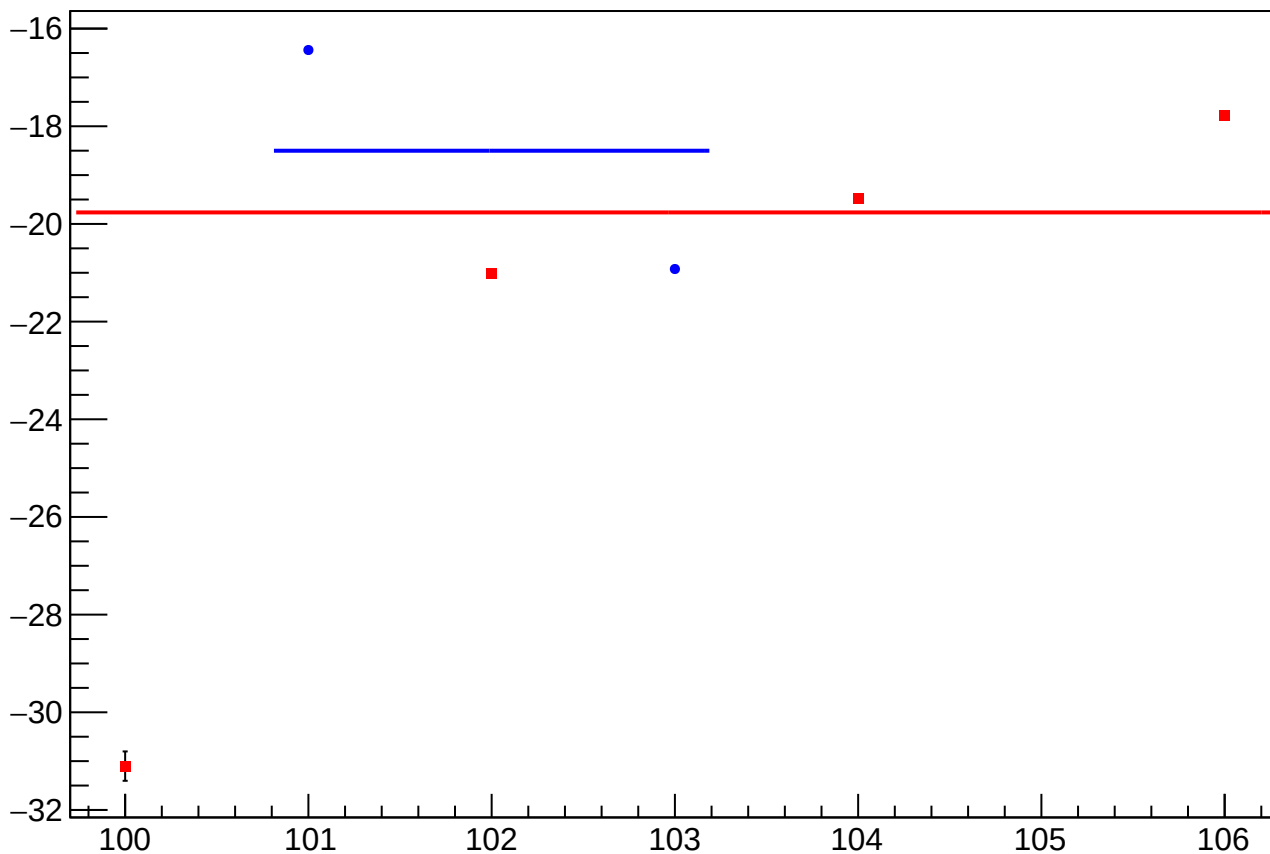
Right: 2.982 $\pm$ 0.666 χ^2 /NDF: 7.1/5

In: 2.040 $\pm$ 0.939 χ^2 /NDF: 1.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.982 $\pm$ 0.666 χ^2 /NDF: 7.1/5

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.501 $\pm$ 0.035 χ^2 /NDF: 4036.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.764 $\pm$ 0.032 χ^2 /NDF: 3084.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

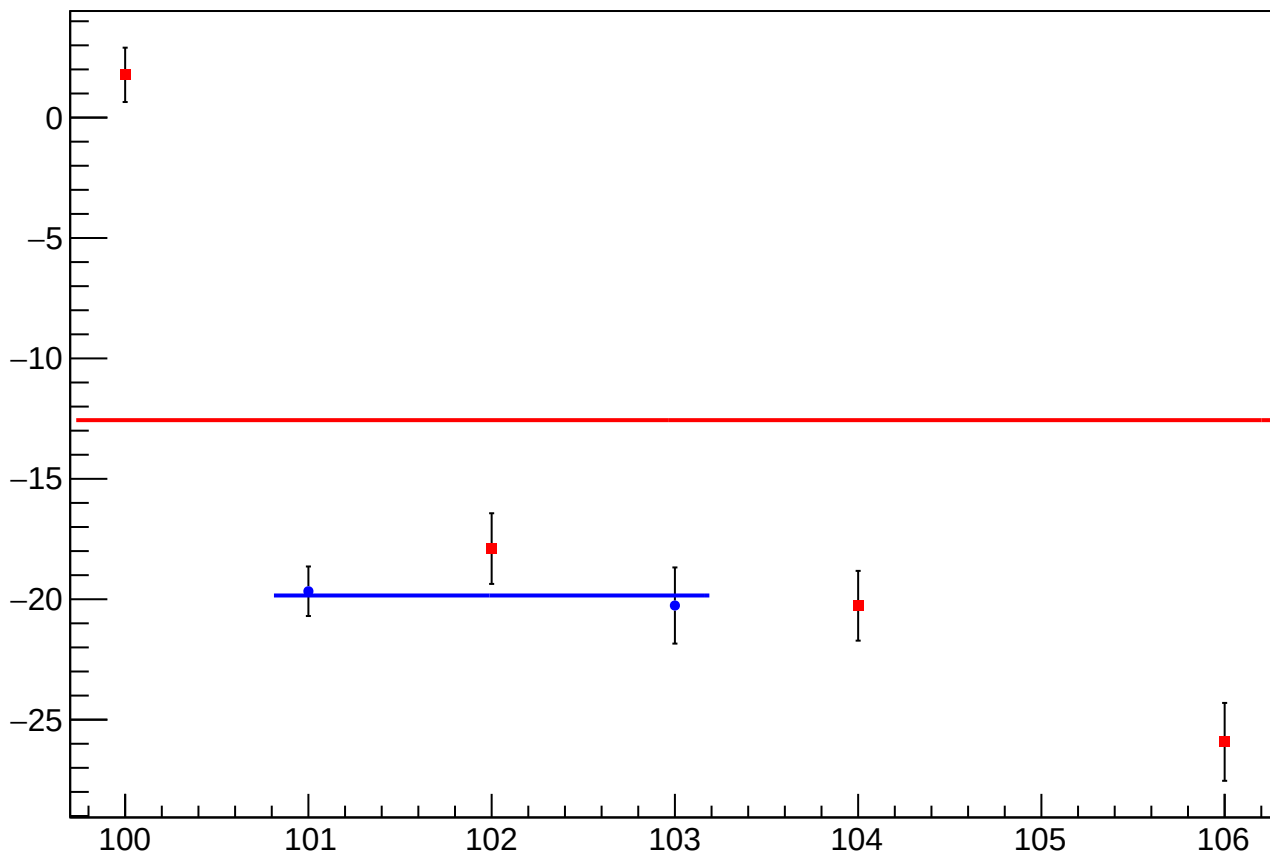
Right: -19.199 $\pm$ 0.024 χ^2 /NDF: 7833.9/5

In: -18.501 $\pm$ 0.035 χ^2 /NDF:4036.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.199 $\pm$ 0.024 χ^2 /NDF: 7833.9/5

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.844 ± 0.862 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.563 ± 0.689 $\chi^2/\text{NDF}: 271.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

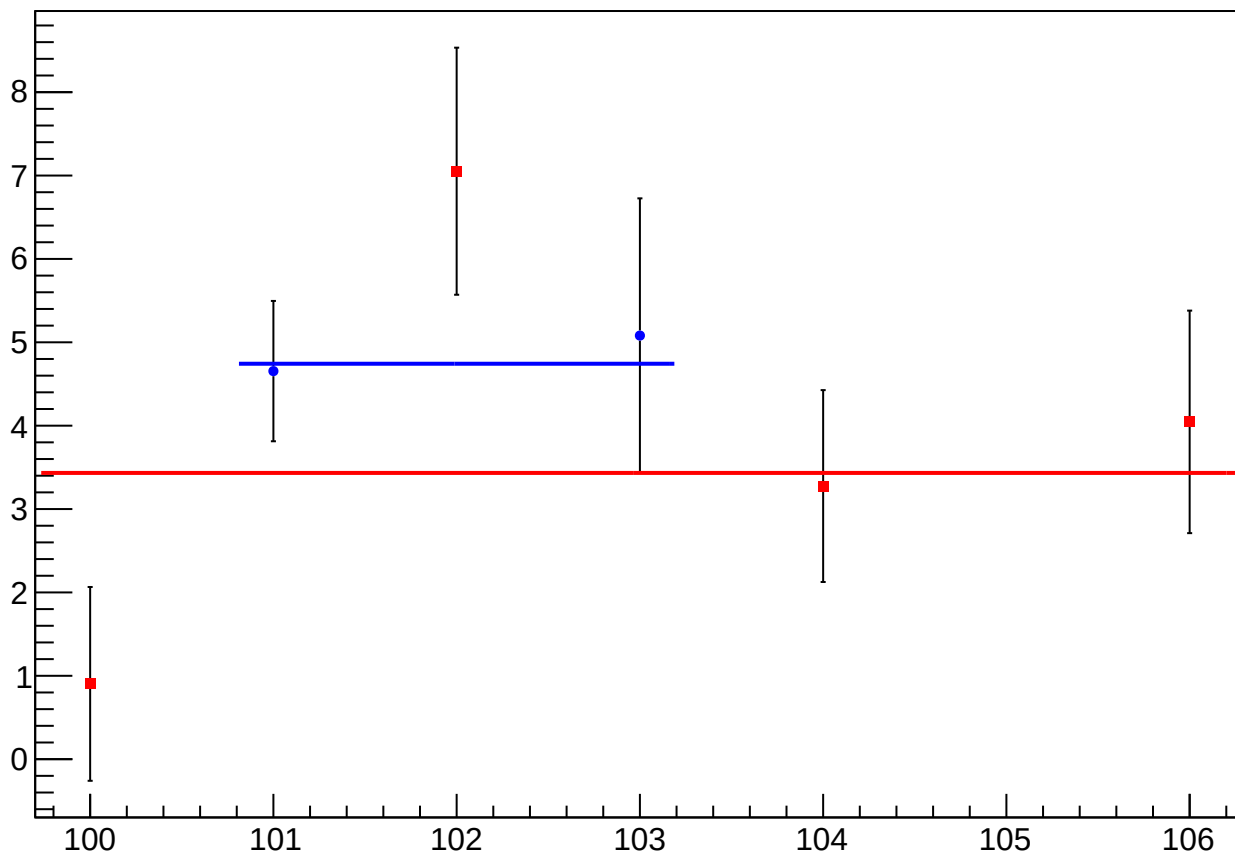
Right: -15.399 ± 0.538 $\chi^2/\text{NDF}: 314.9/5$

In: -19.844 ± 0.862 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.399 ± 0.538 $\chi^2/\text{NDF}: 314.9/5$

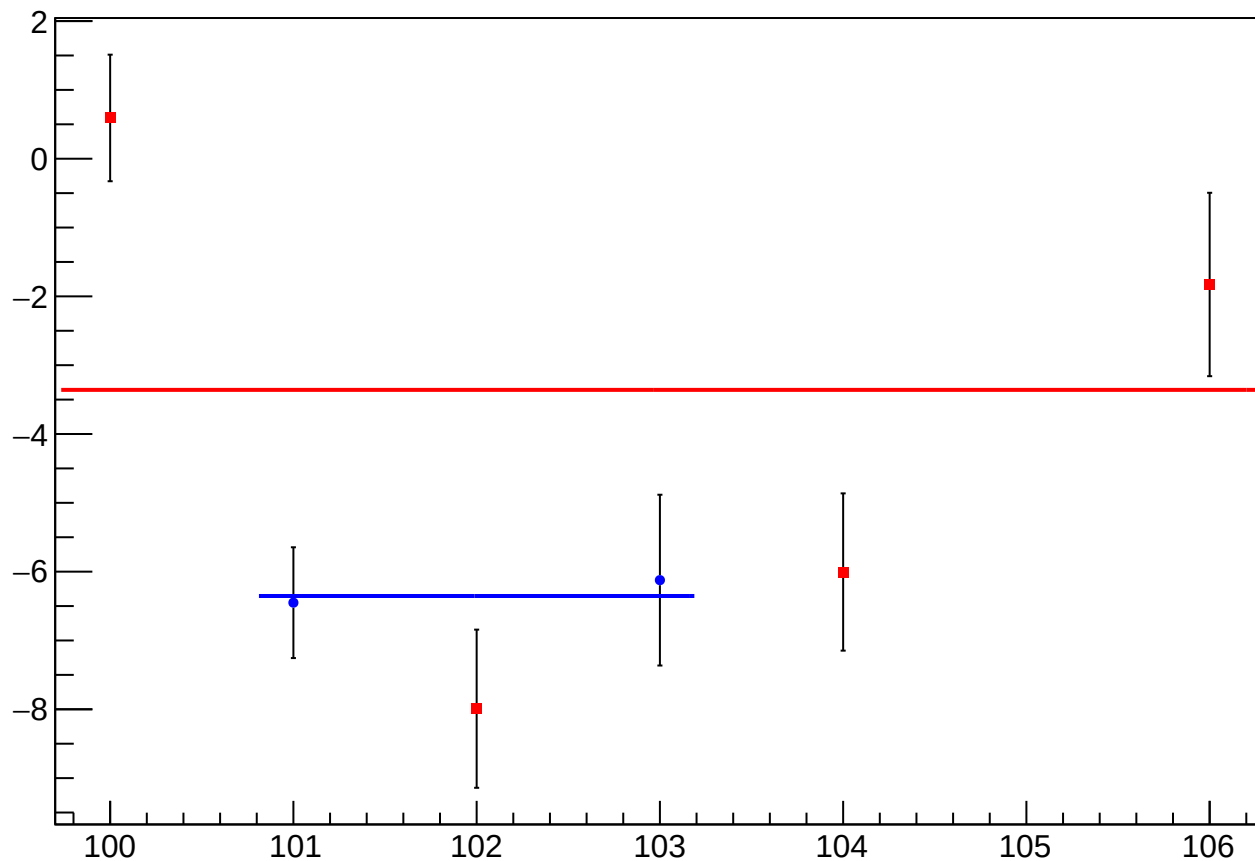
reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.743 $\pm$ 0.749 χ^2 /NDF: 0.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 3.433 $\pm$ 0.631 χ^2 /NDF: 10.9/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 3.976 $\pm$ 0.483 χ^2 /NDF: 12.8/5
 In: 4.743 $\pm$ 0.749 χ^2 /NDF: 0.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 3.976 $\pm$ 0.483 χ^2 /NDF: 12.8/5

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.354 $\pm$ 0.675 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.359 $\pm$ 0.553 χ^2 /NDF: 41.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

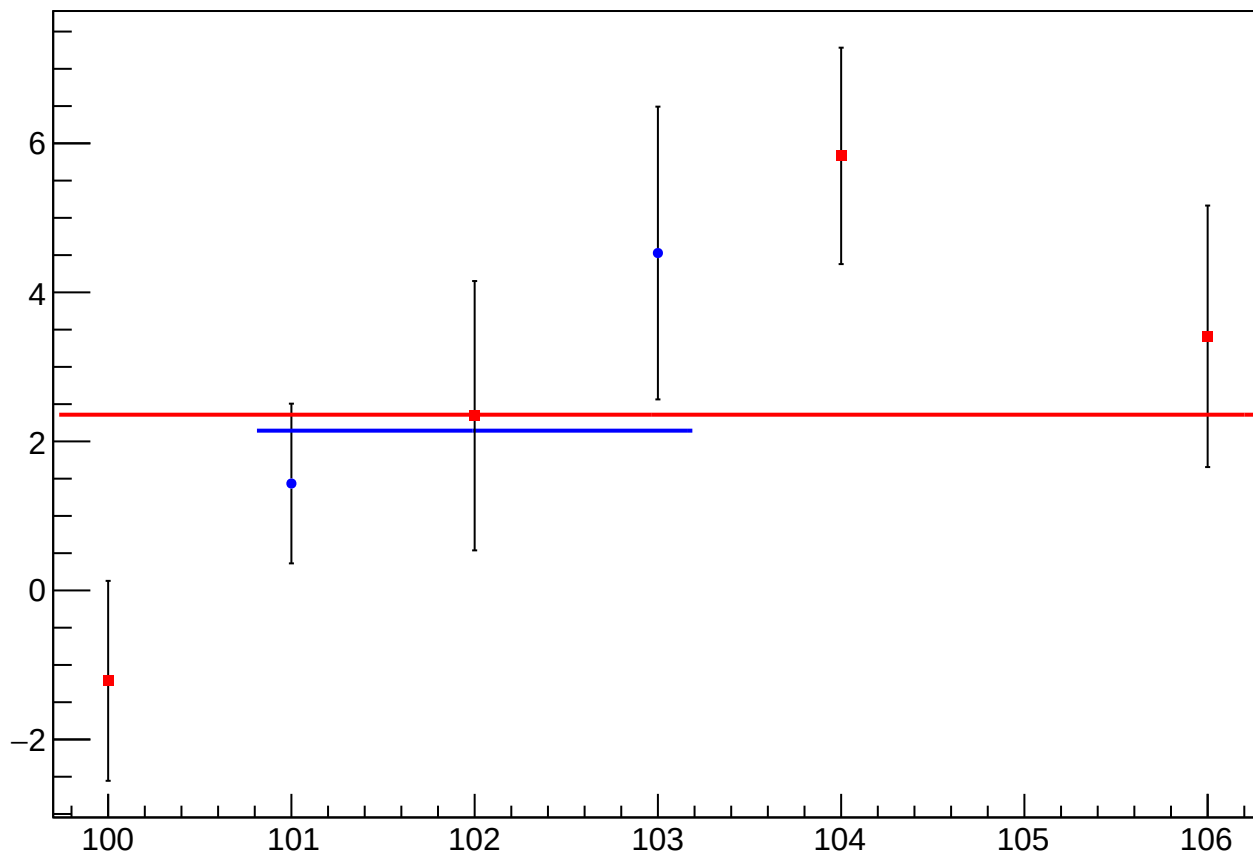
Right: -4.561 $\pm$ 0.428 χ^2 /NDF: 53.2/5

In: -6.354 $\pm$ 0.675 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.561 $\pm$ 0.428 χ^2 /NDF: 53.2/5

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.144+/-0.941 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.358+/-0.776 χ^2/NDF : 13.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

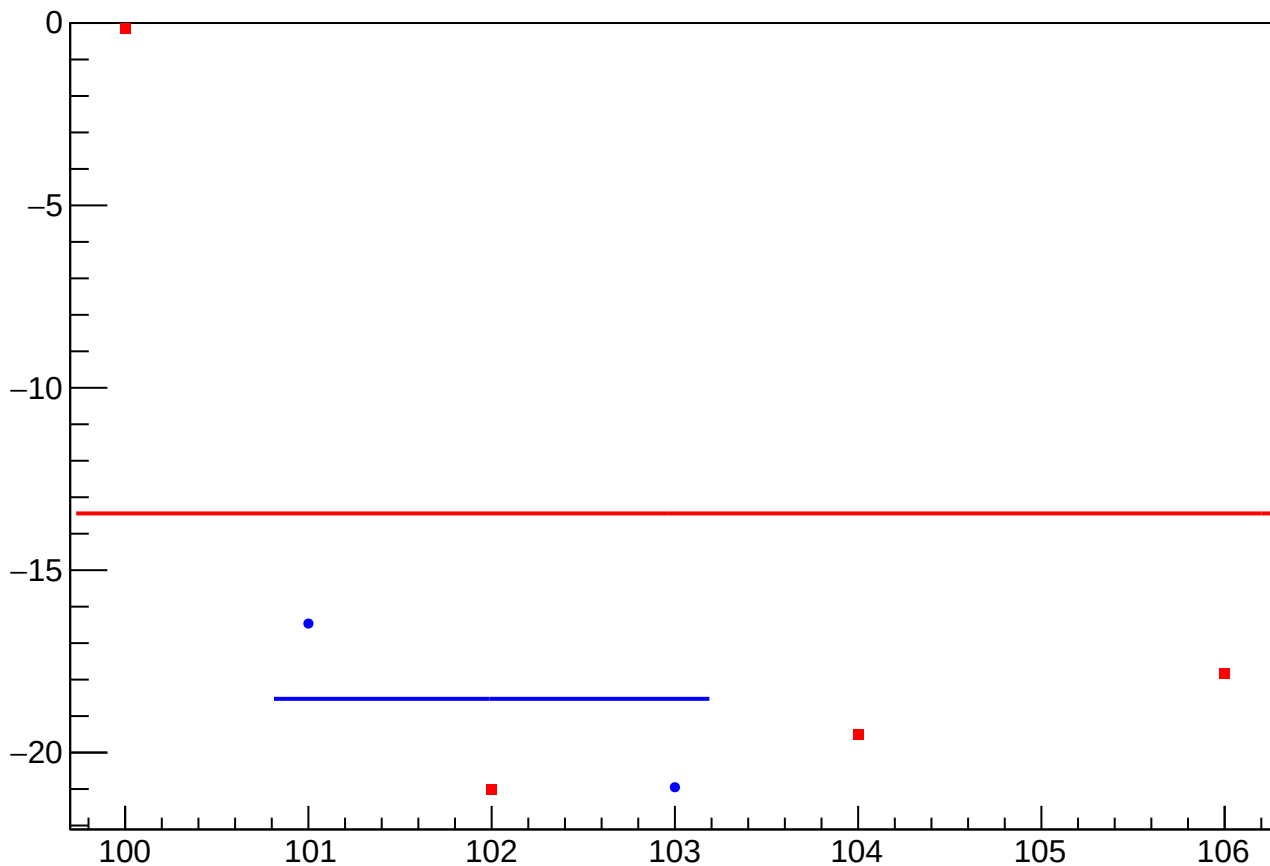
Right: 2.272+/-0.599 χ^2/NDF : 15.1/5

In: 2.144+/-0.941 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.272+/-0.599 χ^2/NDF : 15.1/5

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -18.527 $\pm$ 0.035 χ^2 /NDF: 4026.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.444 $\pm$ 0.026 χ^2 /NDF: 120870.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

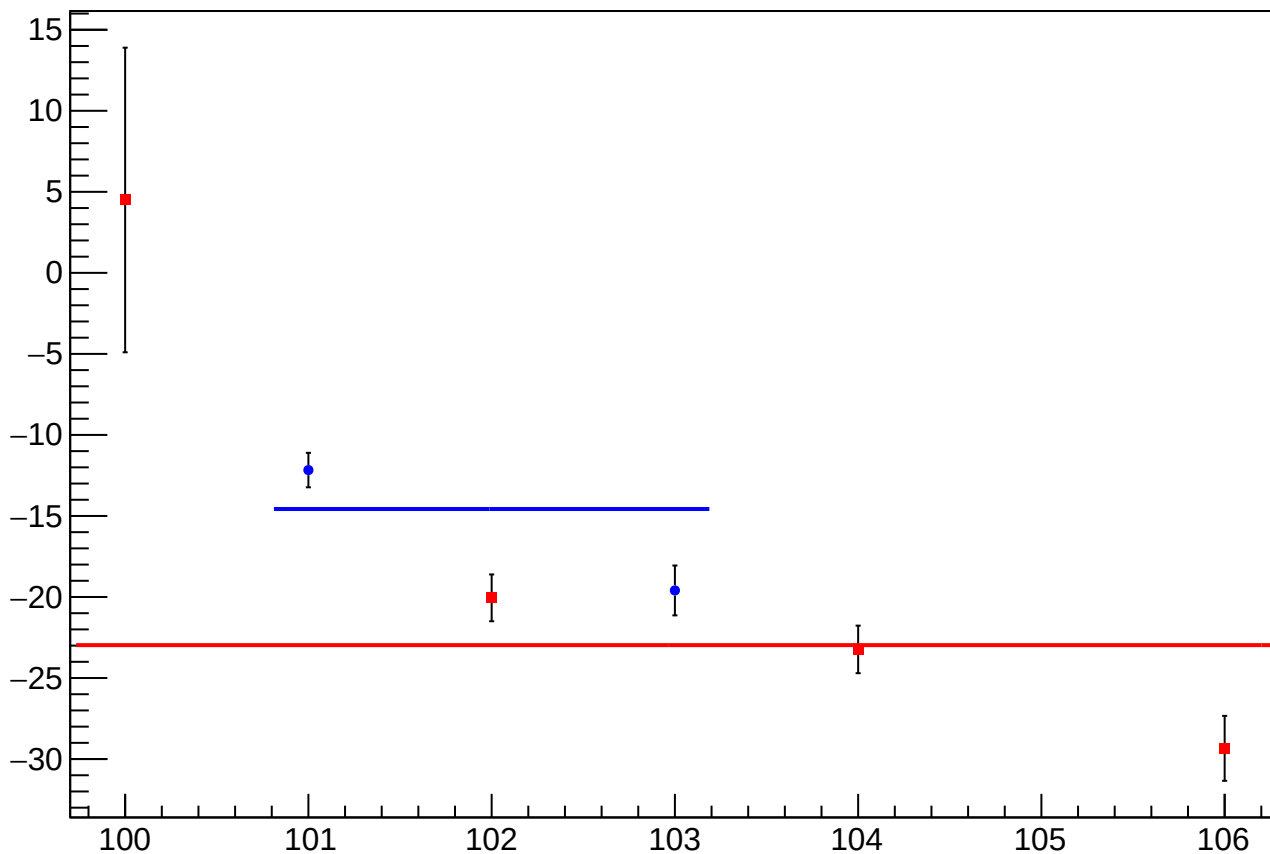
Right: -15.263 $\pm$ 0.021 χ^2 /NDF: 138253.1/5

In: -18.527 $\pm$ 0.035 χ^2 /NDF: 4026.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.263 $\pm$ 0.021 χ^2 /NDF: 138253.1/5

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.571 $\pm$ 0.875 χ^2 /NDF: 15.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.970 $\pm$ 0.911 χ^2 /NDF: 22.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

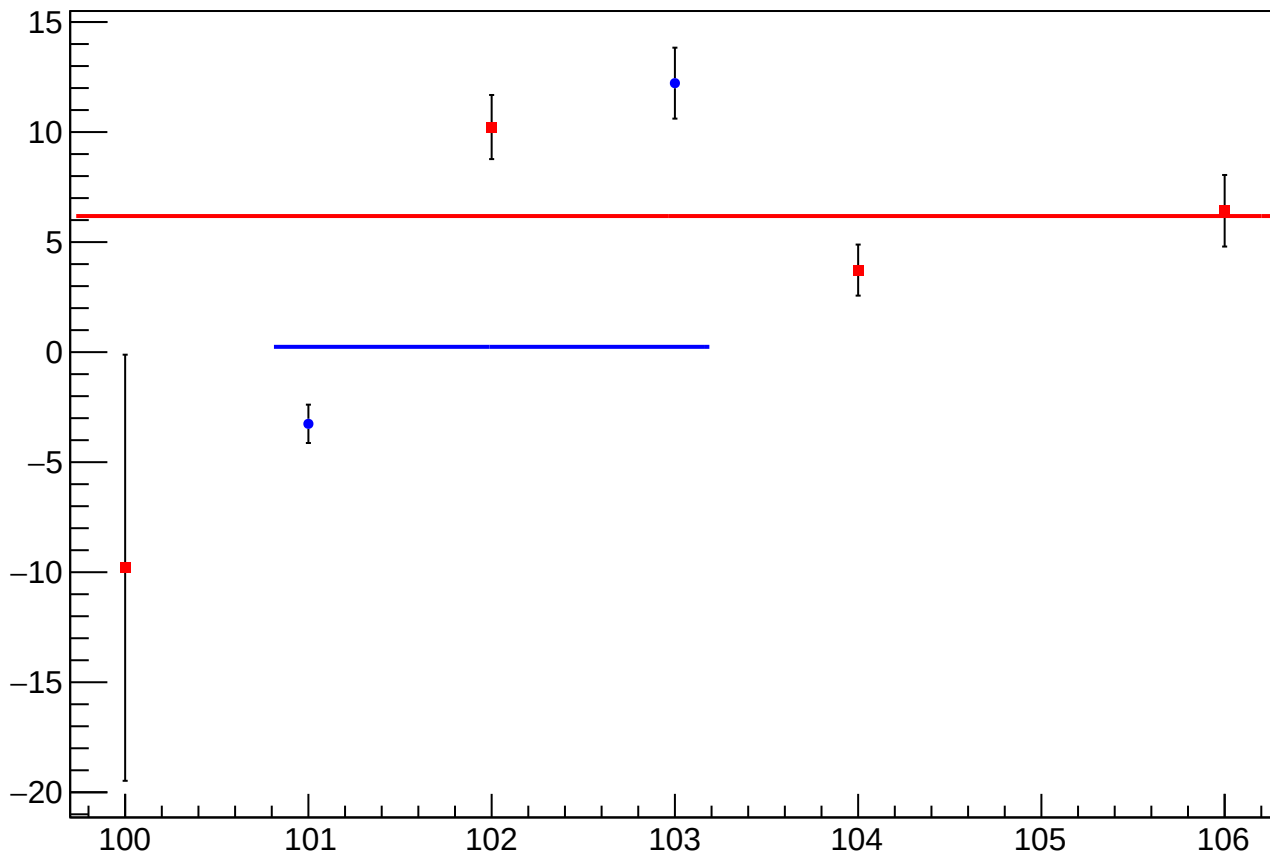
Right: -18.601 $\pm$ 0.631 χ^2 /NDF: 82.7/5

In: -14.571 $\pm$ 0.875 χ^2 /NDF:15.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.601 $\pm$ 0.631 χ^2 /NDF: 82.7/5

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.241+/-0.766 χ^2/NDF : 71.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.184+/-0.790 χ^2/NDF : 14.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

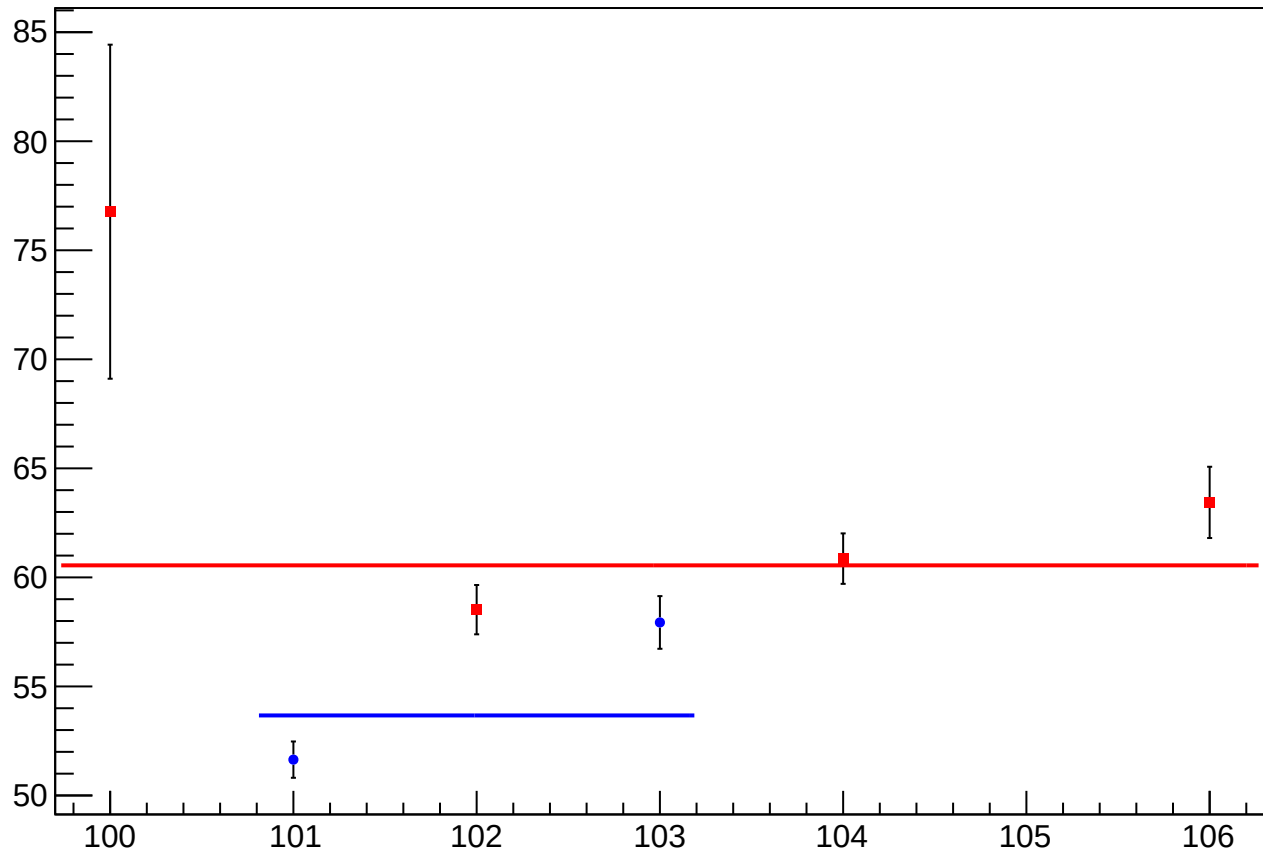
Right: 3.124+/-0.550 χ^2/NDF : 115.5/5

In: 0.241+/-0.766 χ^2/NDF : 71.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.124+/-0.550 χ^2/NDF : 115.5/5

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.670+/-0.686 χ^2/NDF : 18.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.552+/-0.722 χ^2/NDF : 10.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

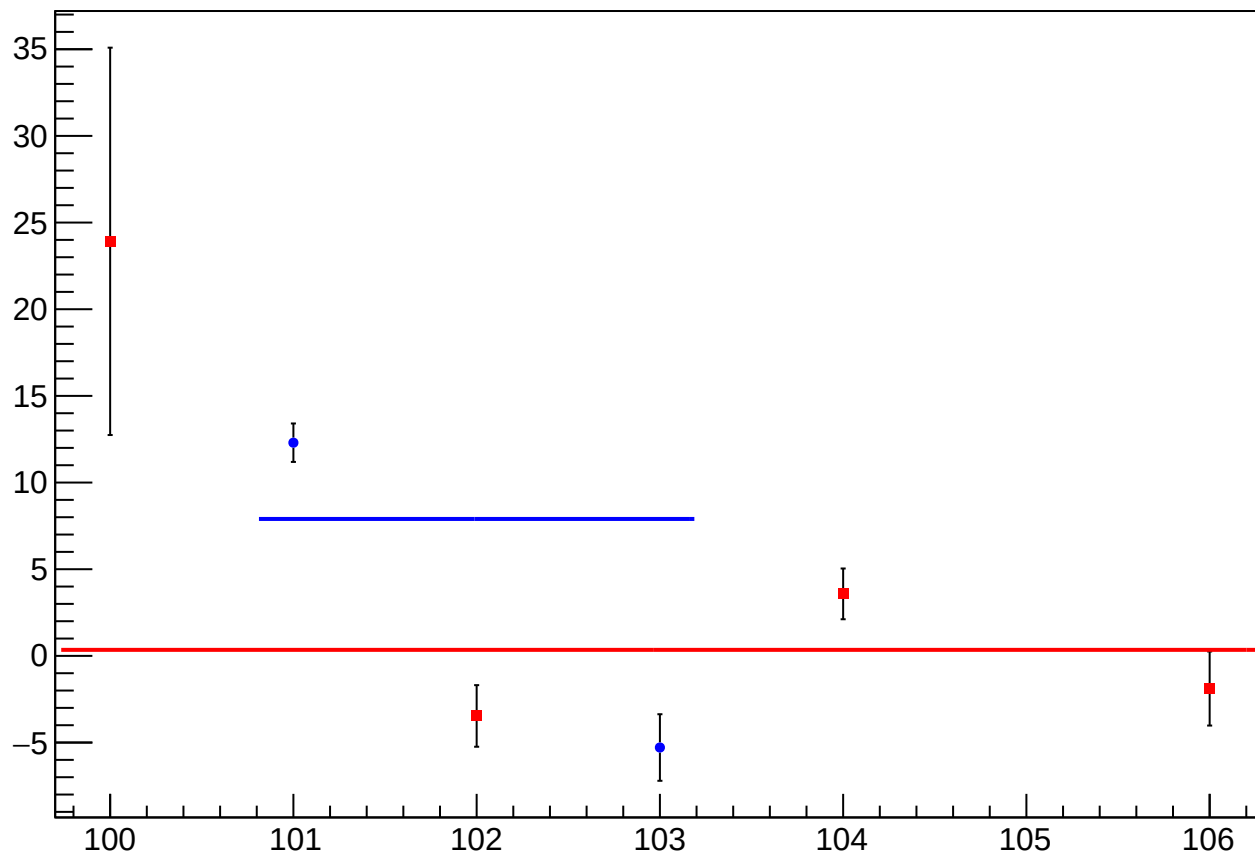
Right: 56.935+/-0.497 χ^2/NDF : 77.1/5

In: 53.670+/-0.686 χ^2/NDF : 18.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.935+/-0.497 χ^2/NDF : 77.1/5

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.900+/-0.961 χ^2/NDF : 62.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.348+/-0.995 χ^2/NDF : 15.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

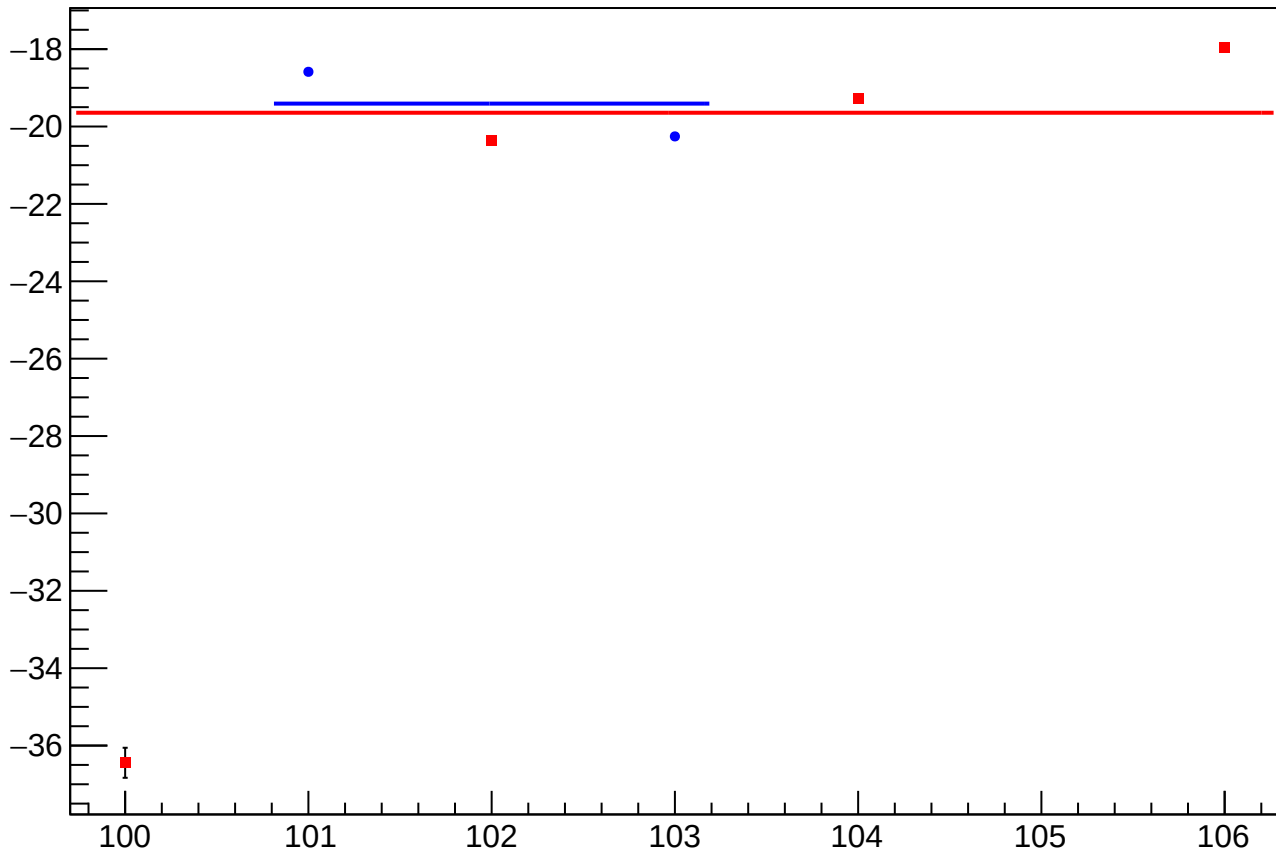
Right: 4.257+/-0.691 χ^2/NDF : 107.7/5

In: 7.900+/-0.961 χ^2/NDF : 62.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.257+/-0.691 χ^2/NDF : 107.7/5

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.408 ± 0.035 $\chi^2/\text{NDF}: 556.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.644 ± 0.033 $\chi^2/\text{NDF}: 2592.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

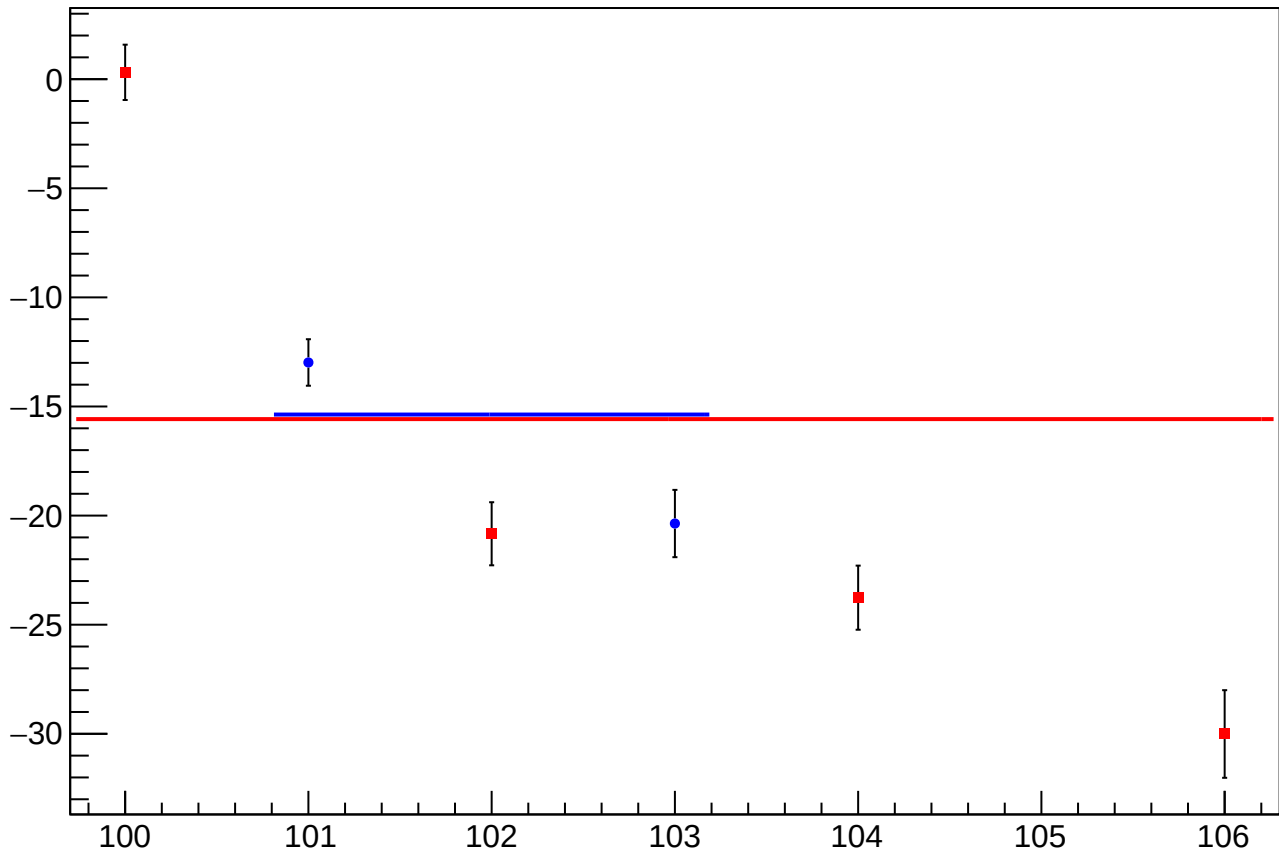
Right: -19.533 ± 0.024 $\chi^2/\text{NDF}: 3172.7/5$

In: -19.408 ± 0.035 $\chi^2/\text{NDF}: 556.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.533 ± 0.024 $\chi^2/\text{NDF}: 3172.7/5$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.370 ± 0.877 χ^2/NDF : 15.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.578 ± 0.743 χ^2/NDF : 253.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

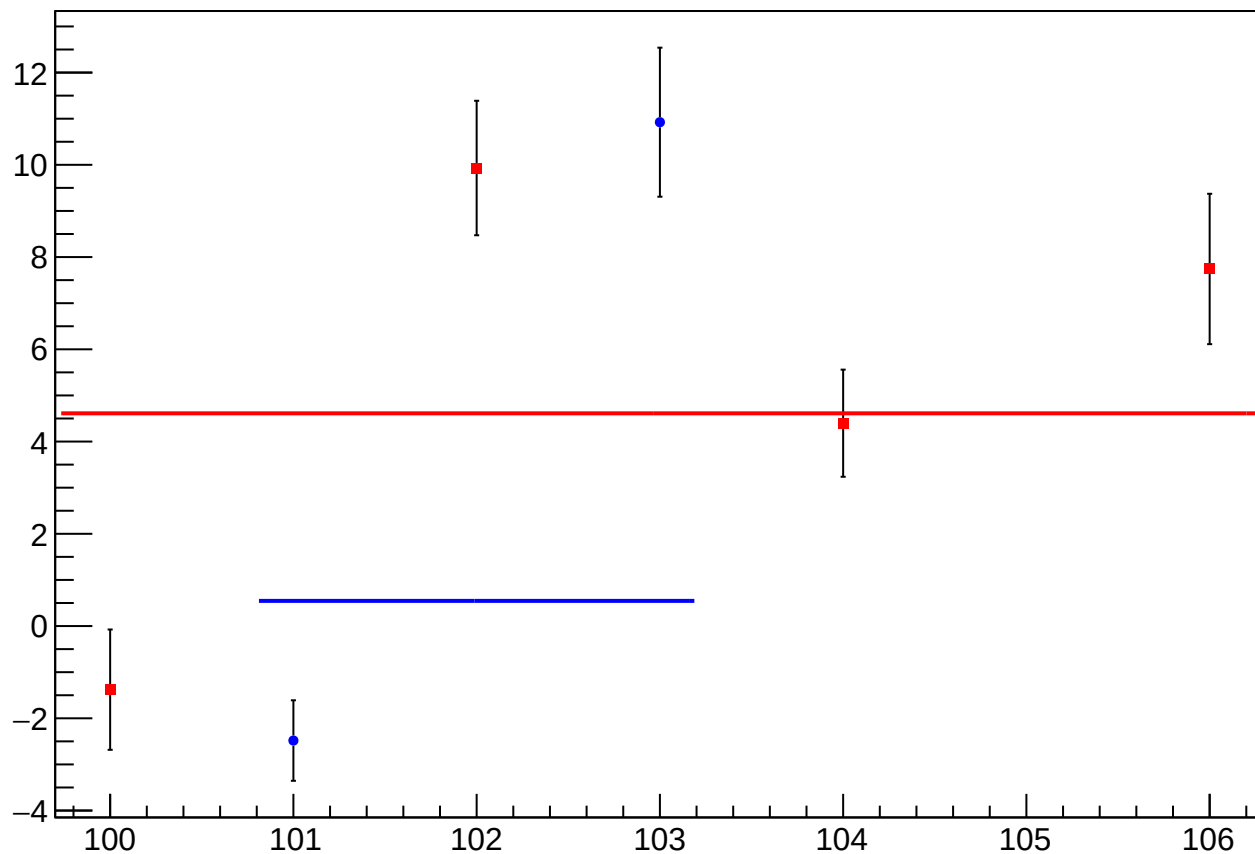
Right: -15.491 ± 0.567 χ^2/NDF : 268.6/5

In: -15.370 ± 0.877 χ^2/NDF : 15.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.491 ± 0.567 χ^2/NDF : 268.6/5

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.546+/-0.768 χ^2/NDF : 53.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.612+/-0.678 χ^2/NDF : 38.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

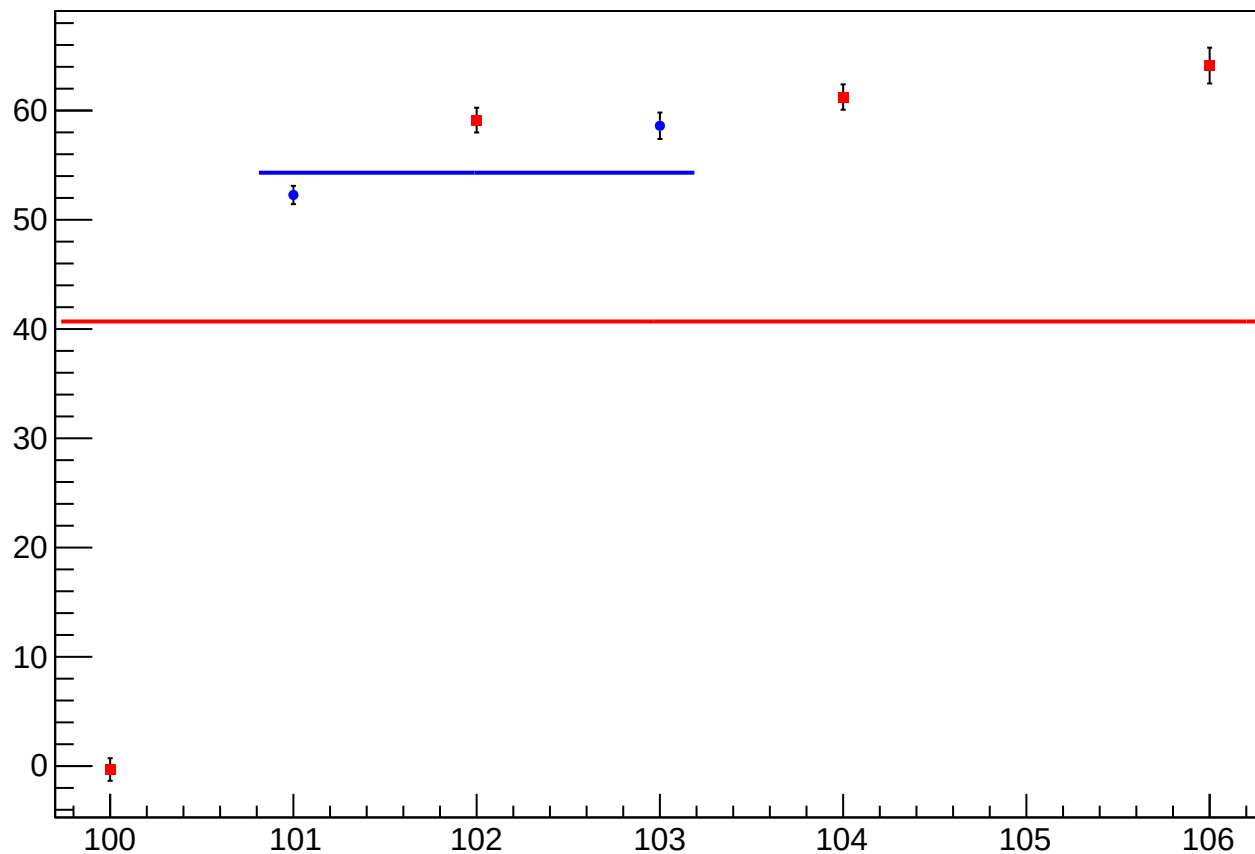
Right: 2.831+/-0.508 χ^2/NDF : 107.2/5

In: 0.546+/-0.768 χ^2/NDF : 53.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.831+/-0.508 χ^2/NDF : 107.2/5

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.310 ± 0.687 $\chi^2/\text{NDF}: 18.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 40.691 ± 0.594 $\chi^2/\text{NDF}: 2359.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

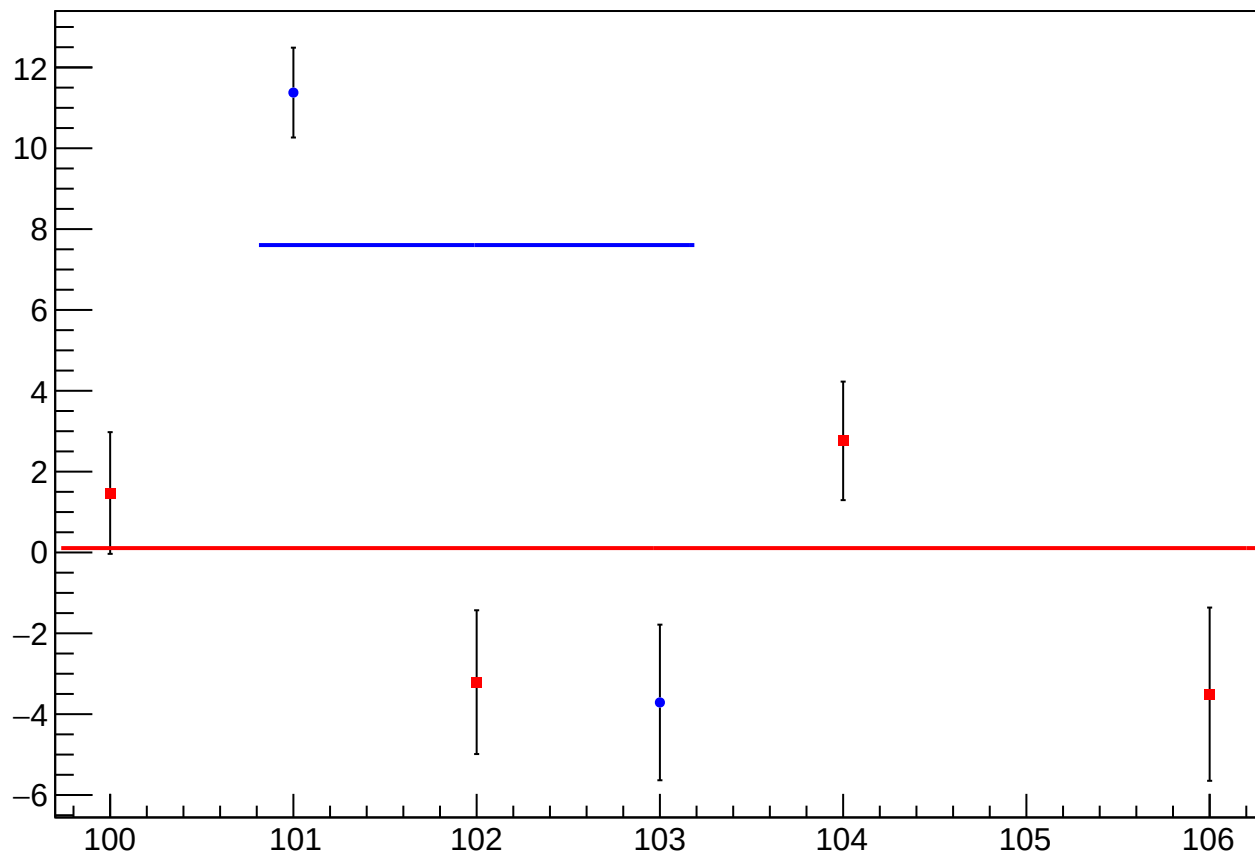
Right: 46.518 ± 0.449 $\chi^2/\text{NDF}: 2602.7/5$

In: 54.310 ± 0.687 $\chi^2/\text{NDF}: 18.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 46.518 ± 0.449 $\chi^2/\text{NDF}: 2602.7/5$

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.605 $\pm$ 0.962 χ^2 /NDF: 46.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.108 $\pm$ 0.833 χ^2 /NDF: 10.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

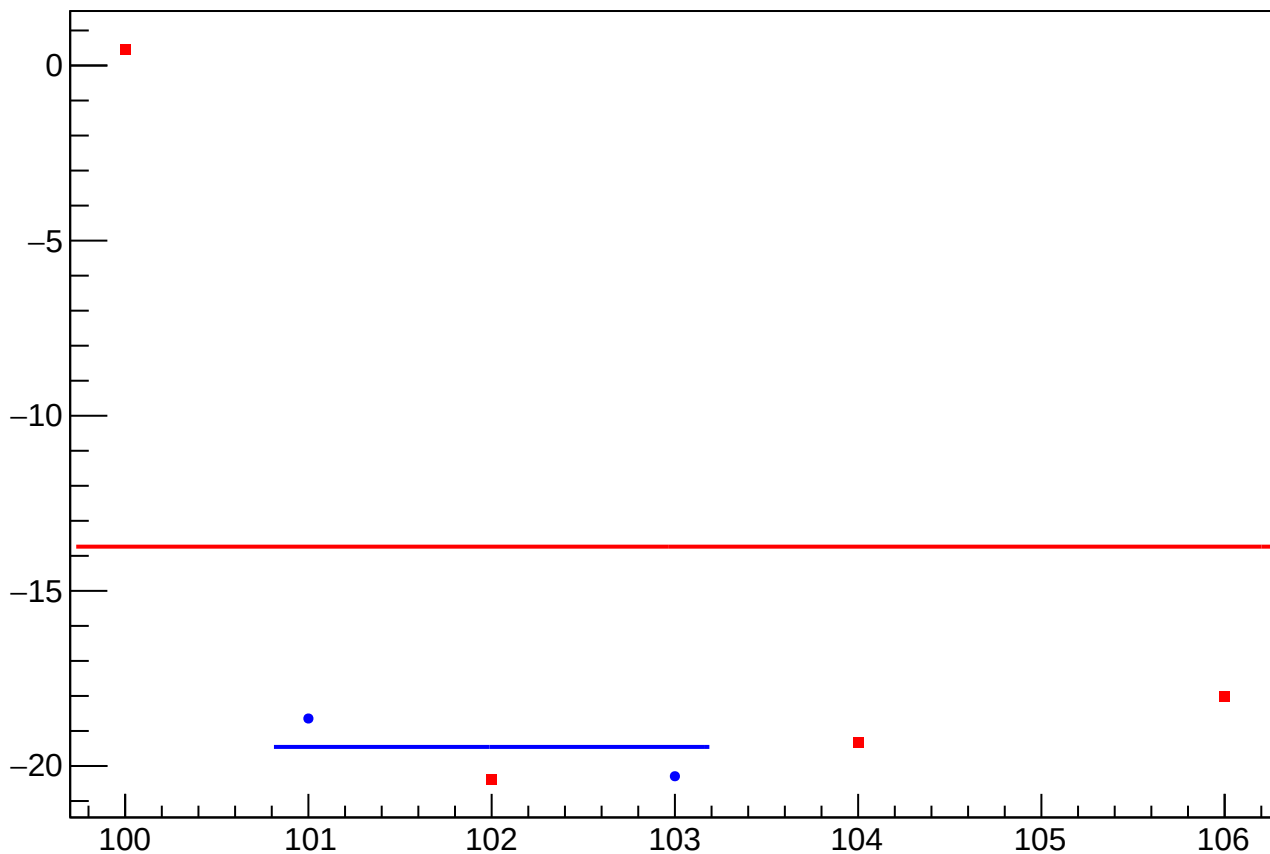
Right: 3.320 $\pm$ 0.630 χ^2 /NDF: 91.2/5

In: 7.605 $\pm$ 0.962 χ^2 /NDF:46.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.320 $\pm$ 0.630 χ^2 /NDF: 91.2/5

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.456+/-0.035 χ^2/NDF : 540.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.738+/-0.028 χ^2/NDF : 104426.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

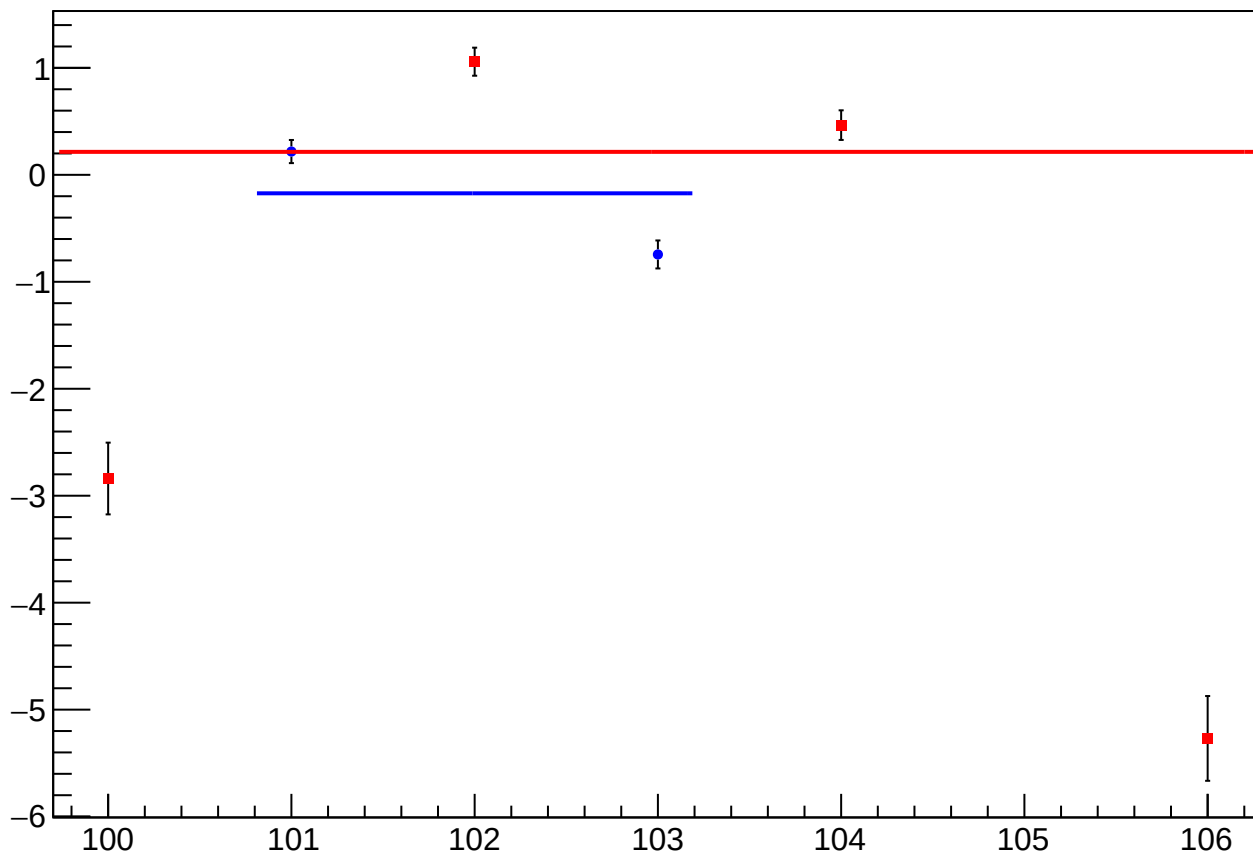
Right: -15.955+/-0.022 χ^2/NDF : 120893.1/5

In: -19.456+/-0.035 χ^2/NDF : 540.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.955+/-0.022 χ^2/NDF : 120893.1/5

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.173 ± 0.083 $\chi^2/\text{NDF}: 32.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.215 ± 0.089 $\chi^2/\text{NDF}: 319.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

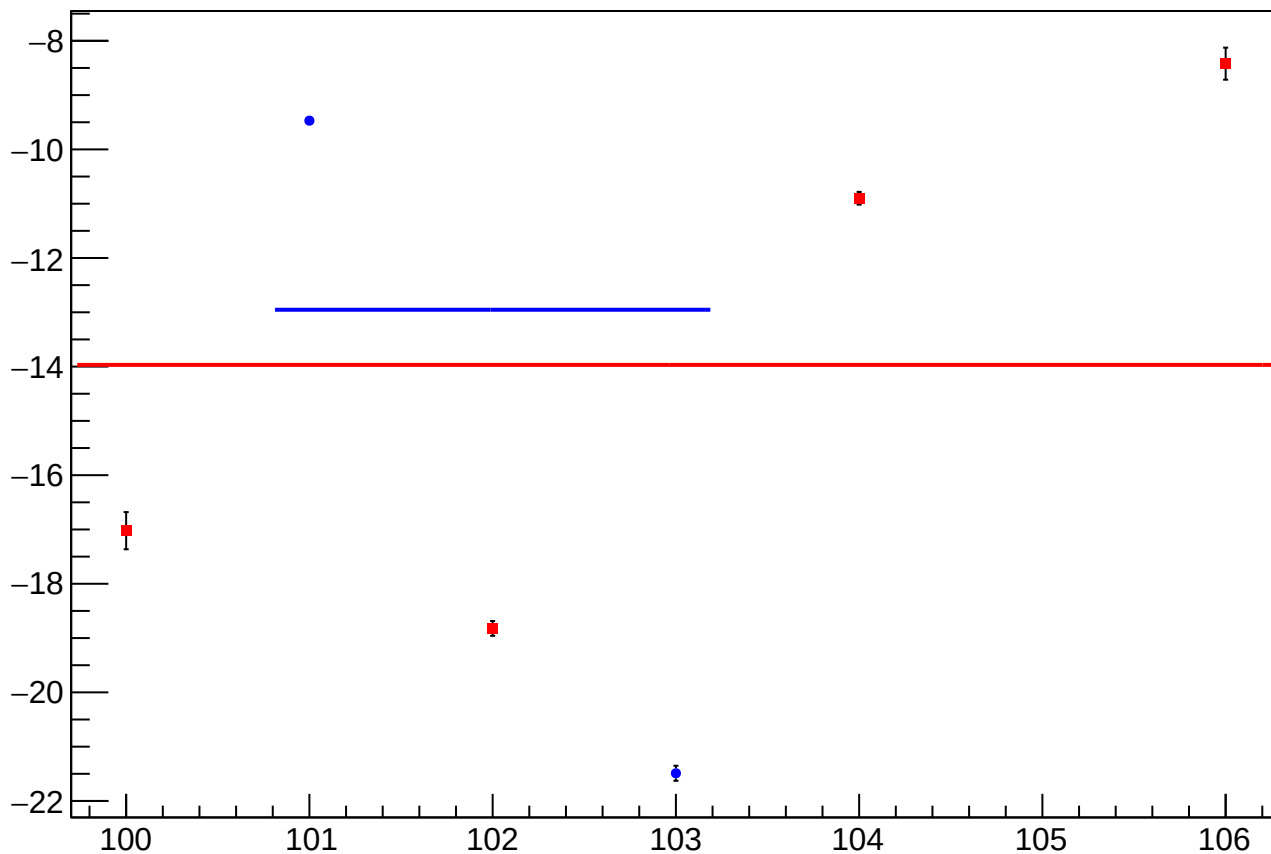
Right: 0.008 ± 0.061 $\chi^2/\text{NDF}: 361.2/5$

In: -0.173 ± 0.083 $\chi^2/\text{NDF}: 32.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.008 ± 0.061 $\chi^2/\text{NDF}: 361.2/5$

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.953+/-0.075 χ^2/NDF : 5330.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.969+/-0.083 χ^2/NDF : 2383.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

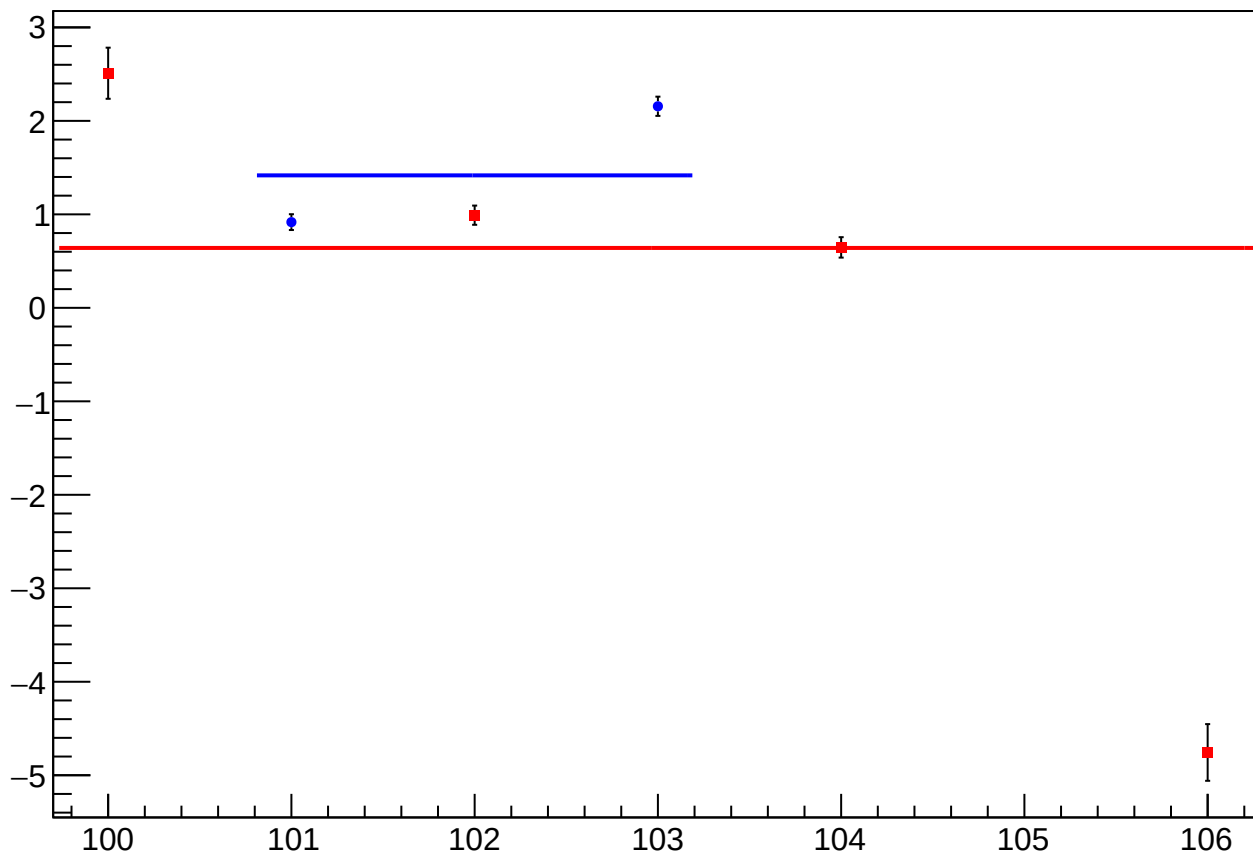
Right: -13.410+/-0.055 χ^2/NDF : 7797.6/5

In: -12.953+/-0.075 χ^2/NDF : 5330.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.410+/-0.055 χ^2/NDF : 7797.6/5

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 1.417+/-0.065 χ^2/NDF : 86.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.641+/-0.070 χ^2/NDF : 375.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

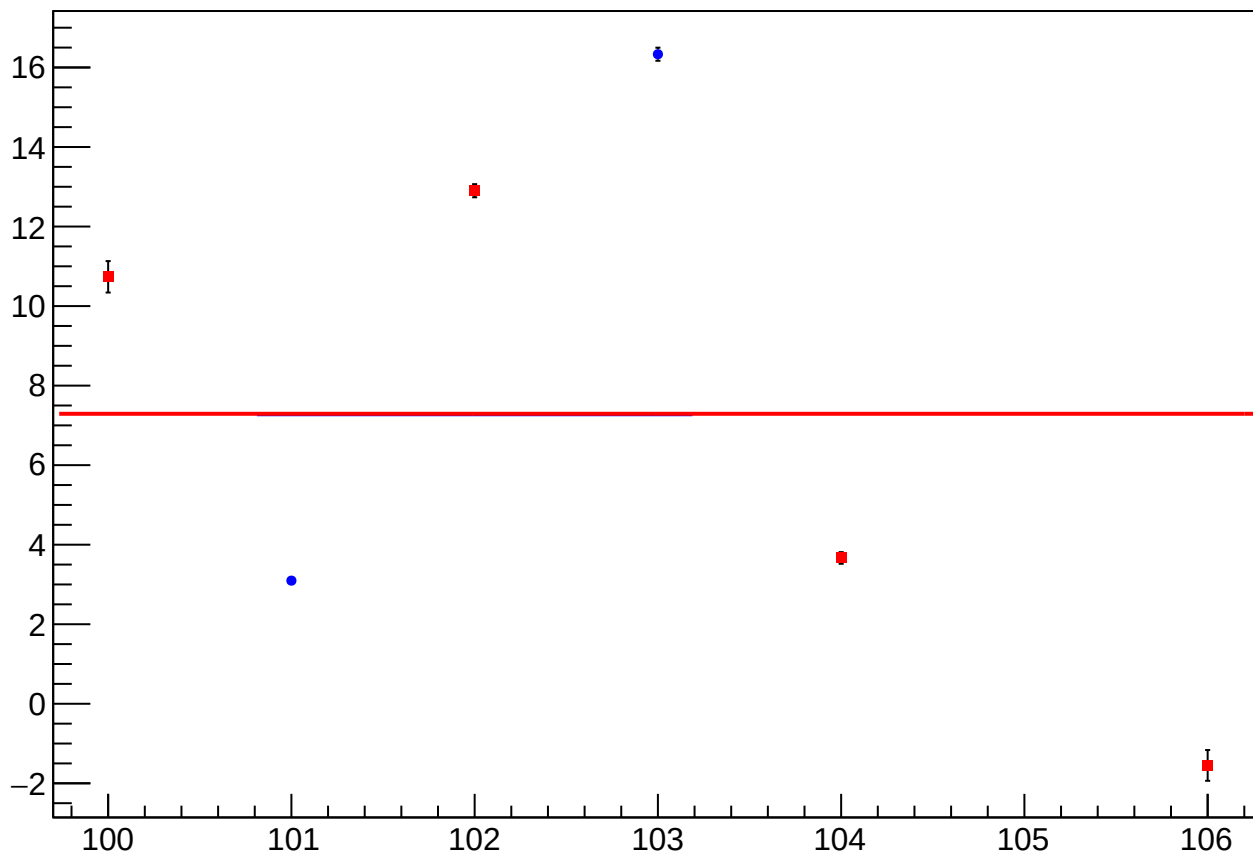
Right: 1.057+/-0.048 χ^2/NDF : 527.4/5

In: 1.417+/-0.065 χ^2/NDF : 86.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.057+/-0.048 χ^2/NDF : 527.4/5

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.281+/-0.093 χ^2/NDF : 4416.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.292+/-0.102 χ^2/NDF : 2365.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

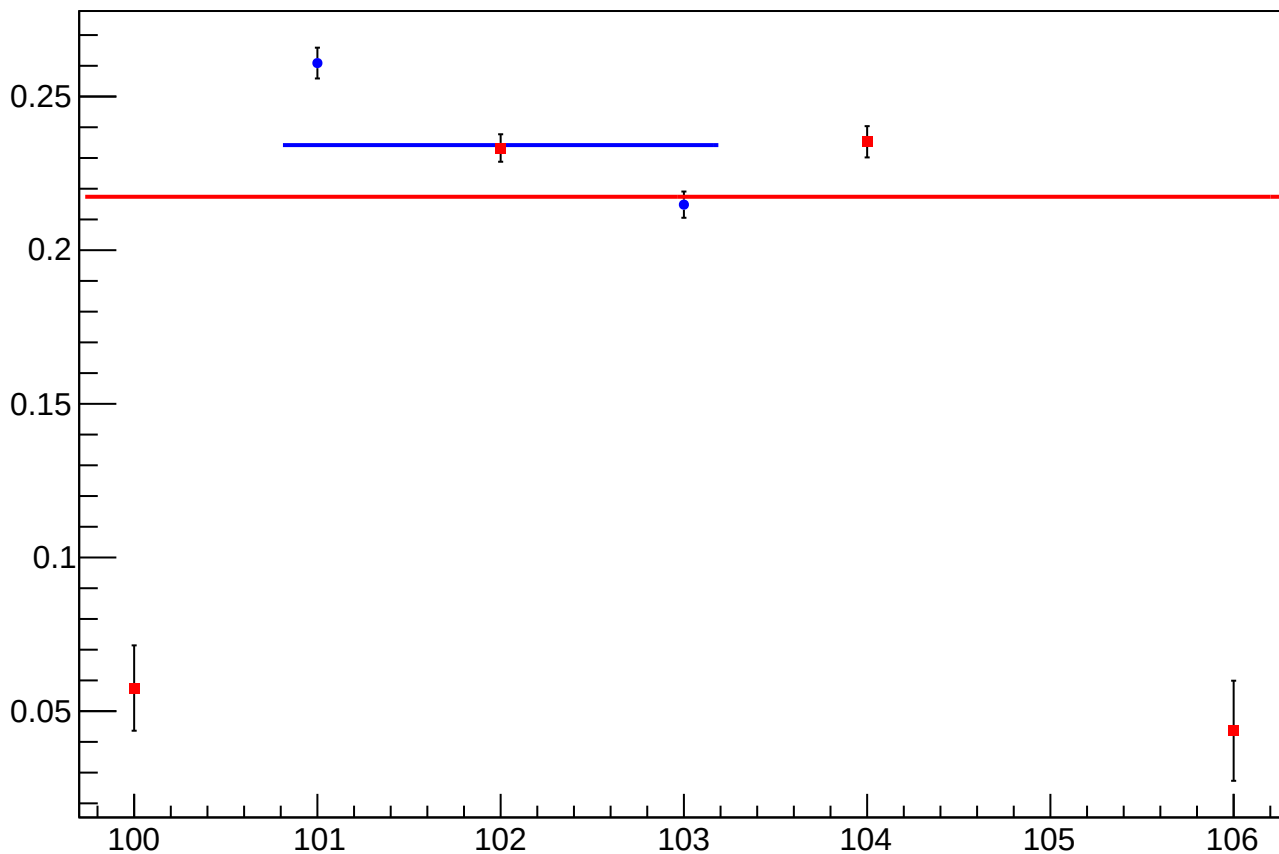
Right: 7.286+/-0.069 χ^2/NDF : 6782.0/5

In: 7.281+/-0.093 χ^2/NDF : 4416.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.286+/-0.069 χ^2/NDF : 6782.0/5

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.234+/-0.003 χ^2/NDF : 49.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.217+/-0.003 χ^2/NDF : 271.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

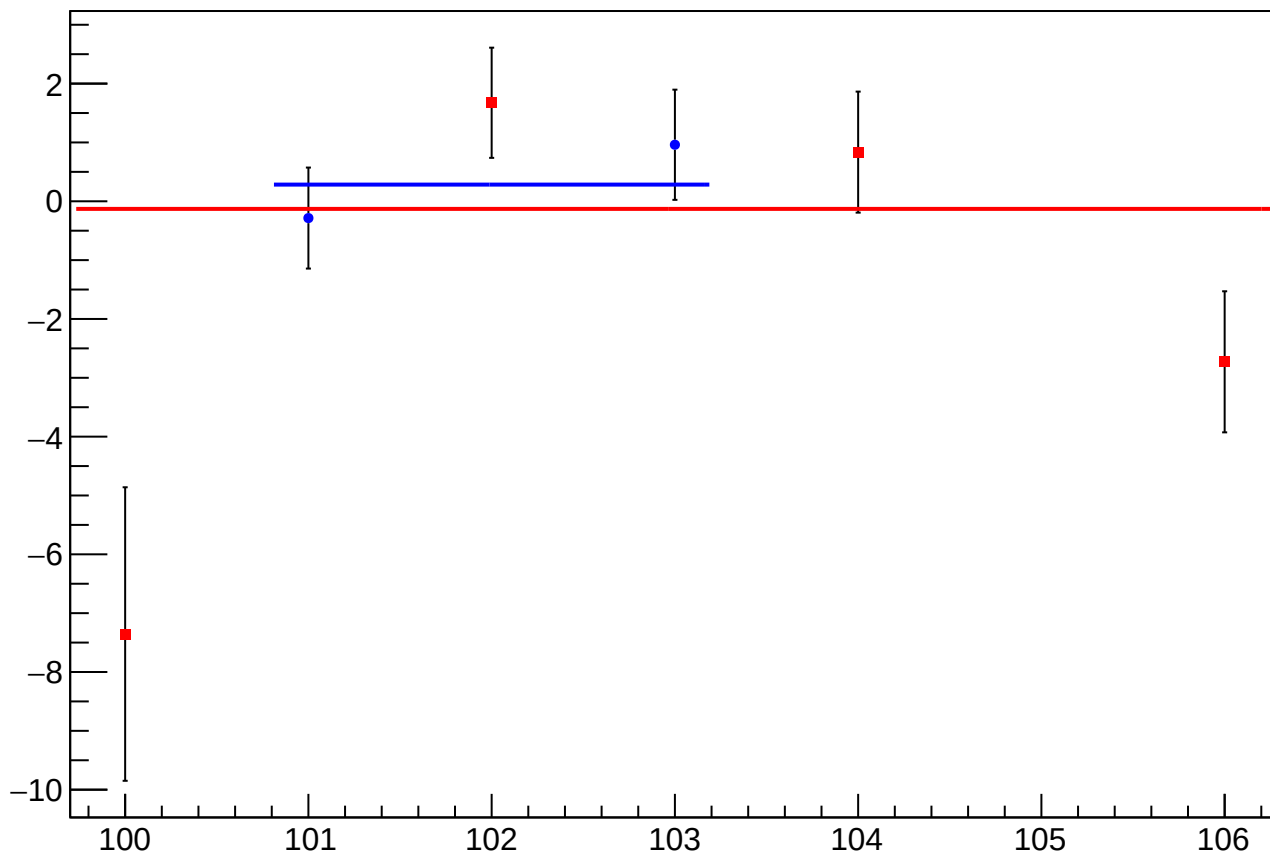
Right: 0.226+/-0.002 χ^2/NDF : 333.9/5

In: 0.234+/-0.003 χ^2/NDF : 49.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.226+/-0.002 χ^2/NDF : 333.9/5

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.284+/-0.633 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.129+/-0.583 χ^2/NDF : 17.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

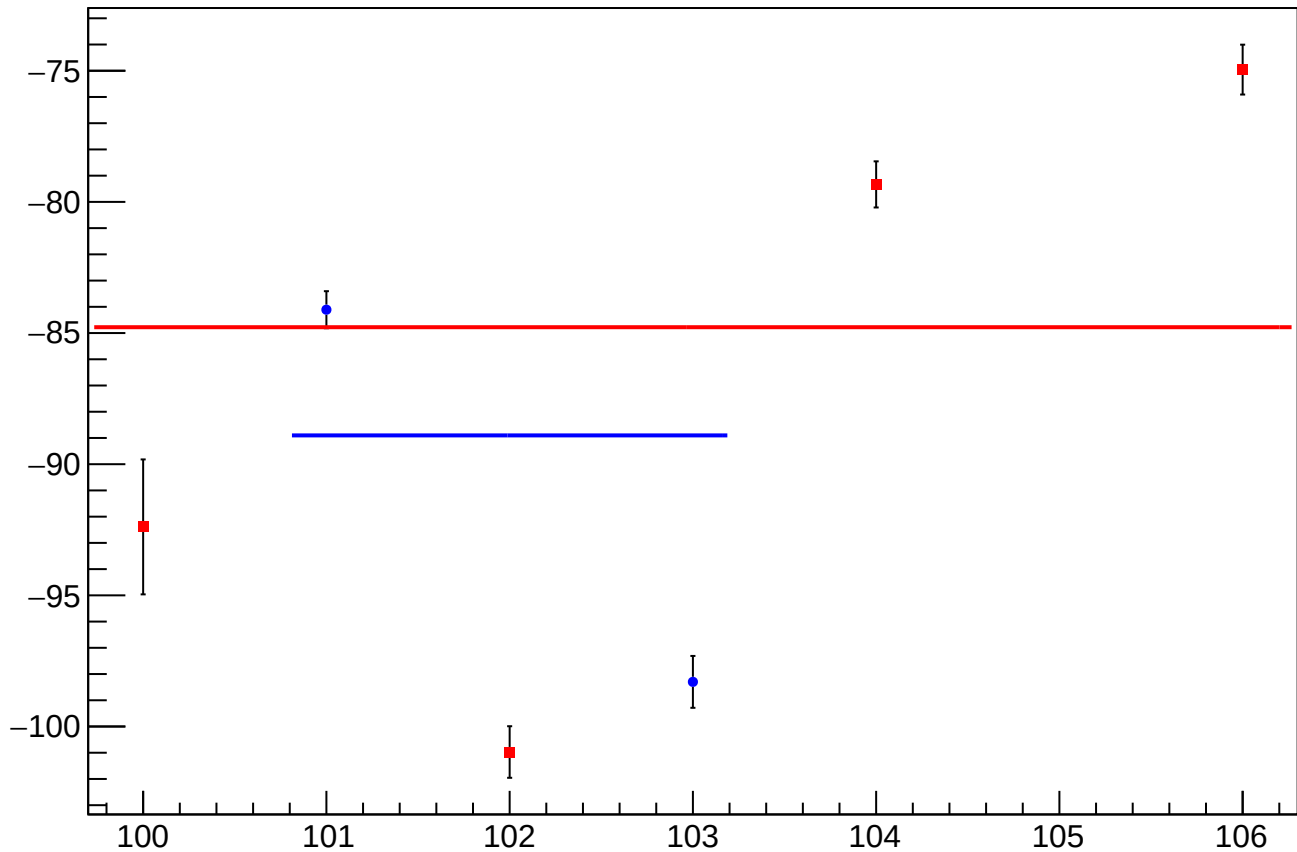
Right: 0.060+/-0.429 χ^2/NDF : 18.9/5

In: 0.284+/-0.633 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.429 χ^2/NDF : 18.9/5

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -88.902 ± 0.575 $\chi^2/\text{NDF}: 136.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -84.777 ± 0.528 $\chi^2/\text{NDF}: 425.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

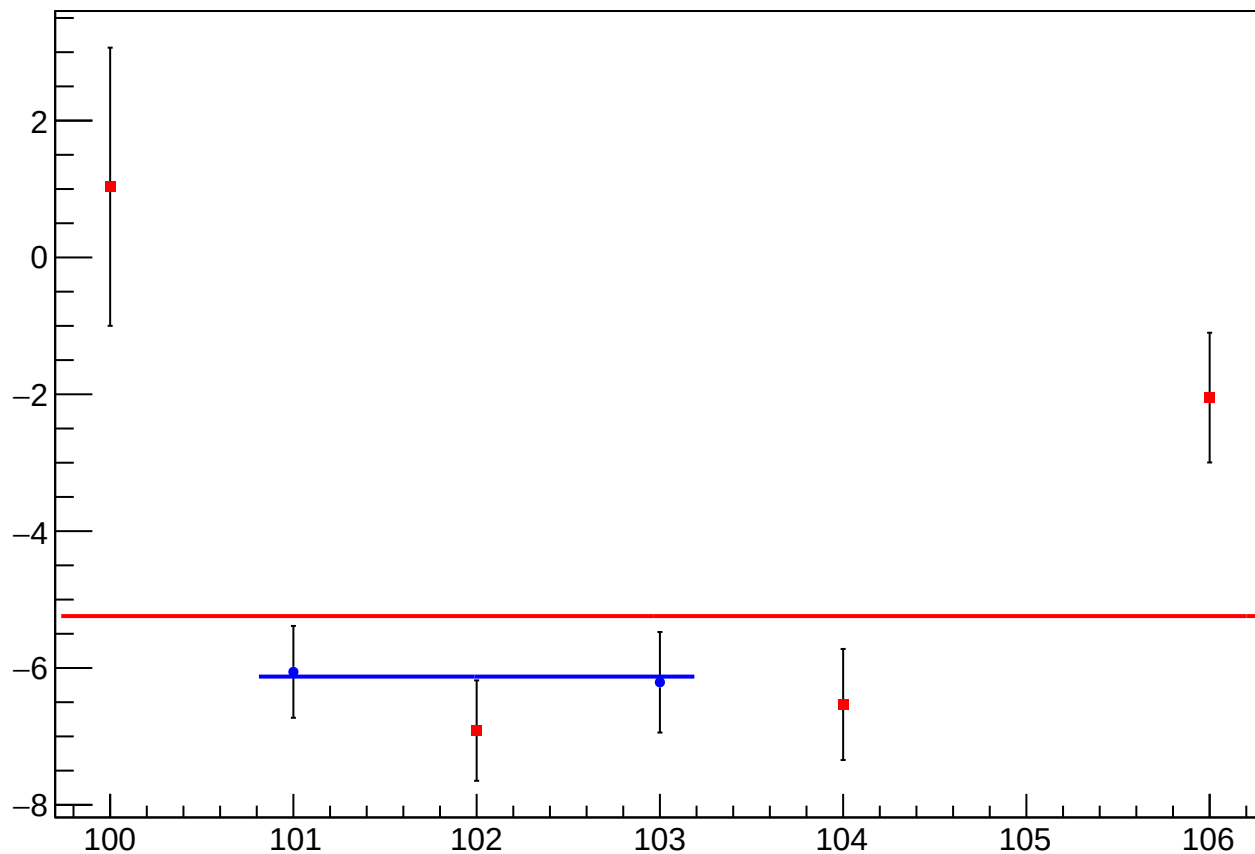
Right: -86.666 ± 0.389 $\chi^2/\text{NDF}: 589.5/5$

In: -88.902 ± 0.575 $\chi^2/\text{NDF}: 136.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -86.666 ± 0.389 $\chi^2/\text{NDF}: 589.5/5$

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.126+/-0.496 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.241+/-0.460 χ^2/NDF : 28.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

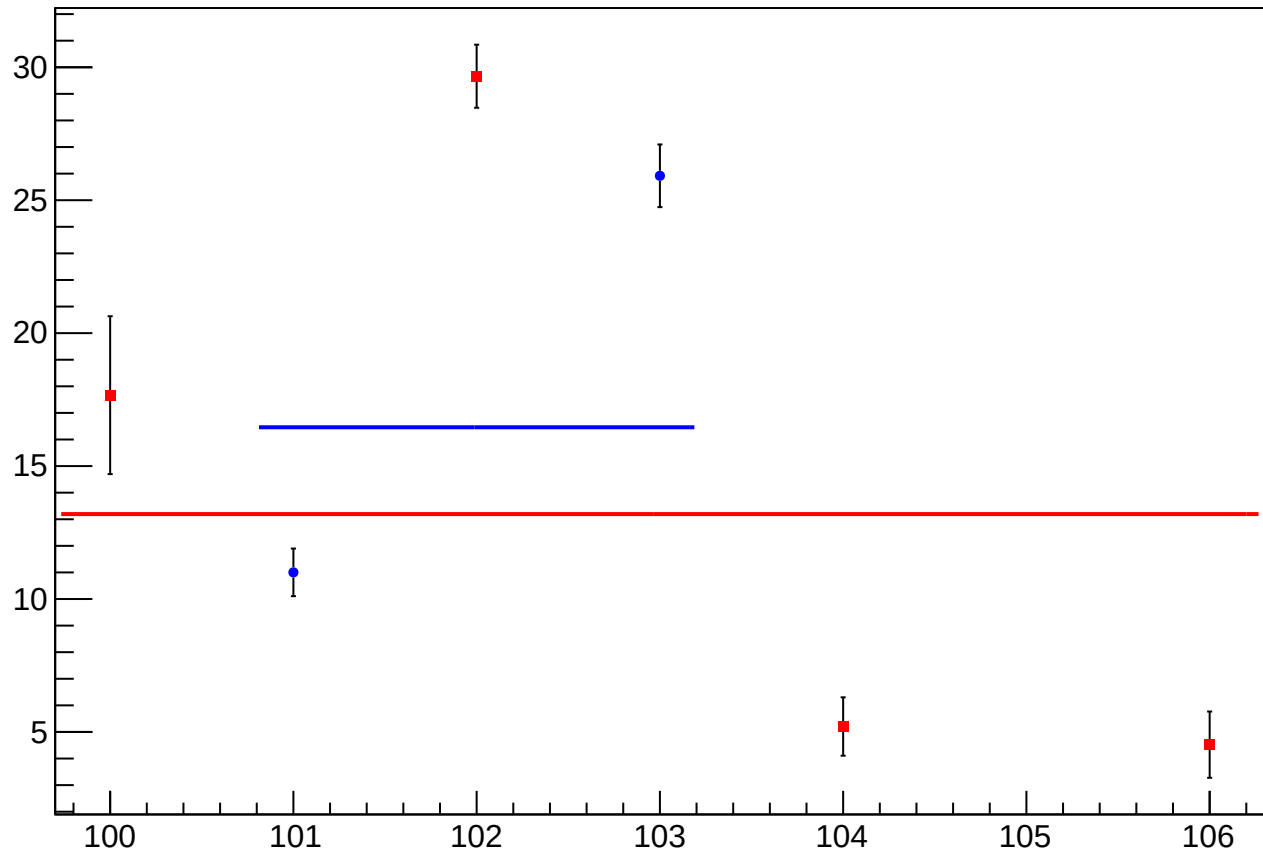
Right: -5.650+/-0.337 χ^2/NDF : 30.3/5

In: -6.126+/-0.496 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.650+/-0.337 χ^2/NDF : 30.3/5

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.460 ± 0.713 $\chi^2/\text{NDF}: 101.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.194 ± 0.660 $\chi^2/\text{NDF}: 296.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

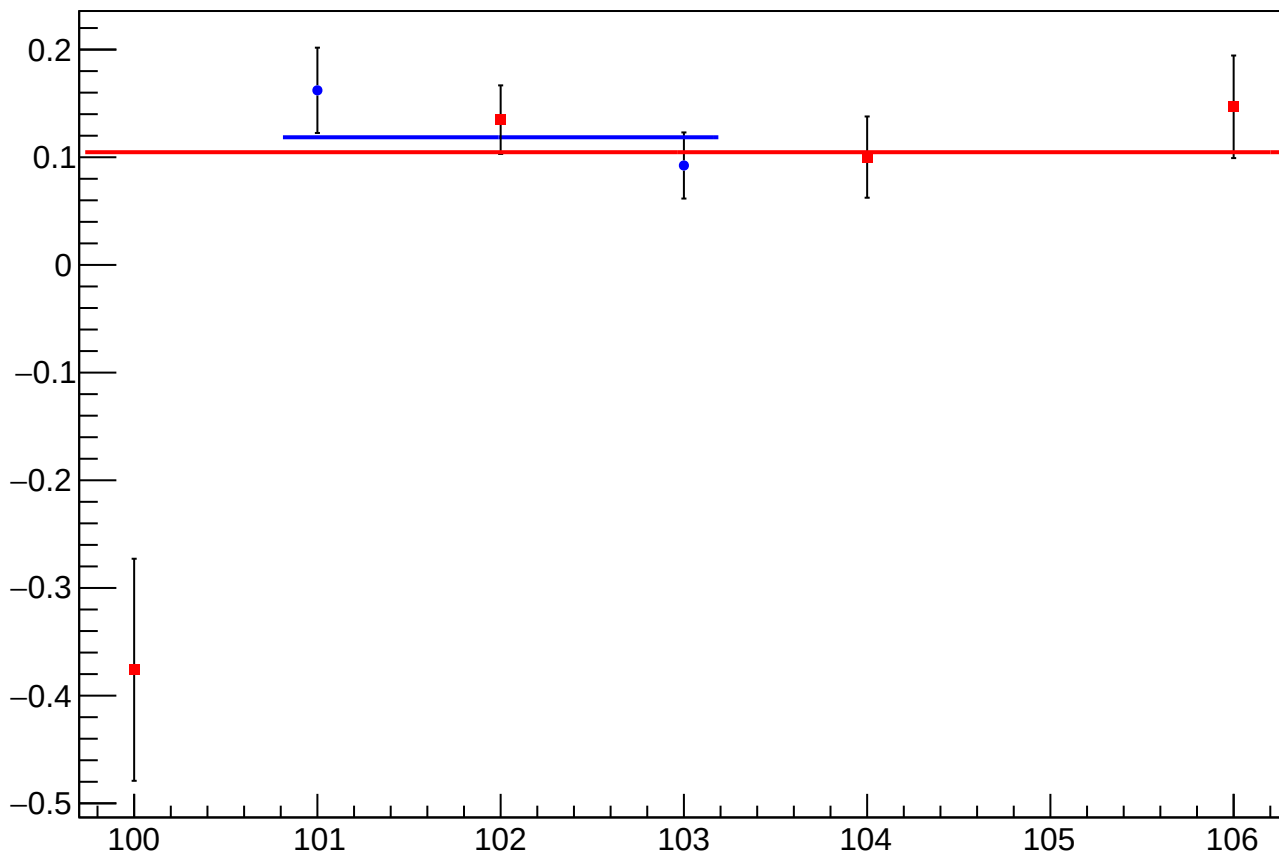
Right: 14.701 ± 0.484 $\chi^2/\text{NDF}: 409.1/5$

In: 16.460 ± 0.713 $\chi^2/\text{NDF}: 101.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 14.701 ± 0.484 $\chi^2/\text{NDF}: 409.1/5$

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.119 $\pm$ 0.024 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.105 $\pm$ 0.021 χ^2 /NDF: 23.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

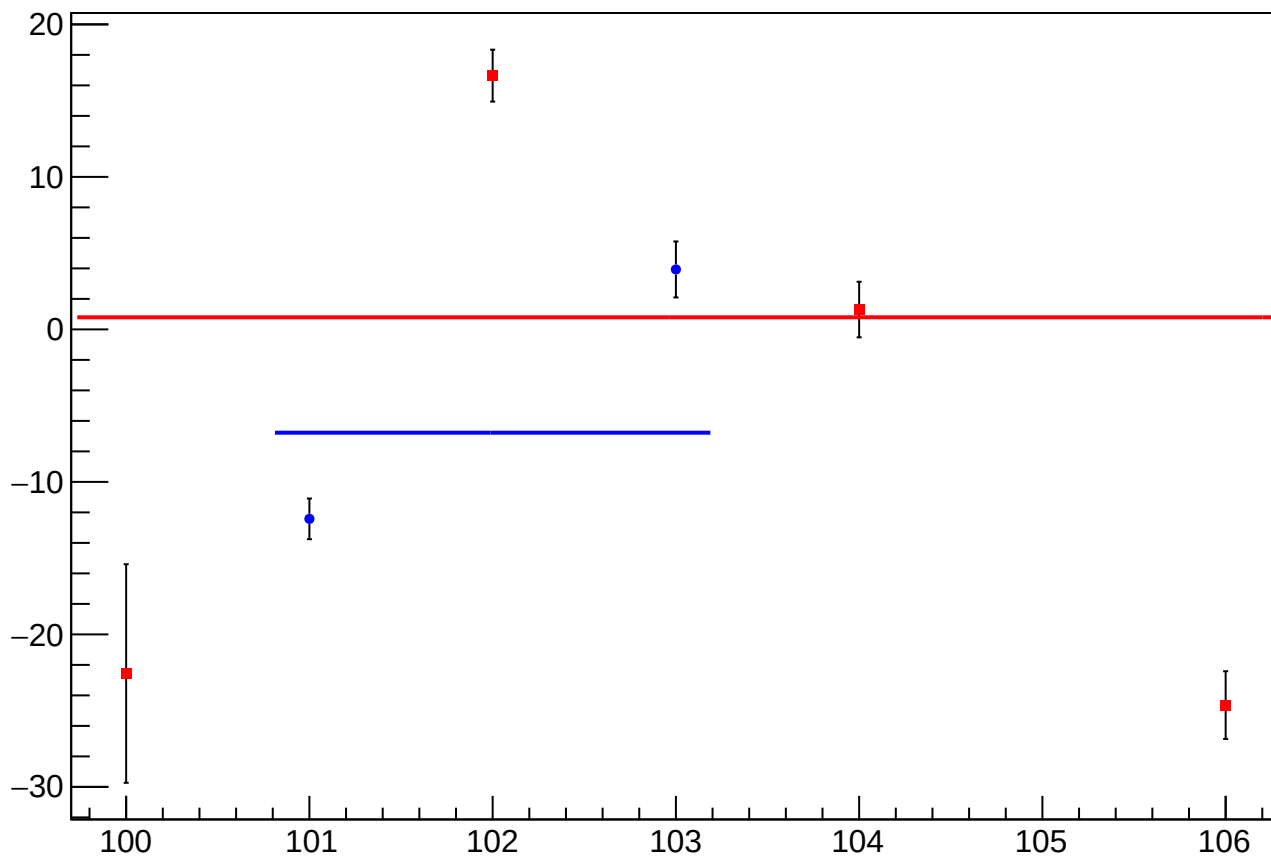
Right: 0.111 $\pm$ 0.016 χ^2 /NDF: 25.6/5

In: 0.119 $\pm$ 0.024 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.111 $\pm$ 0.016 χ^2 /NDF: 25.6/5

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.773+/-1.079 χ^2 /NDF: 52.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.794+/-1.073 χ^2 /NDF: 228.6/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

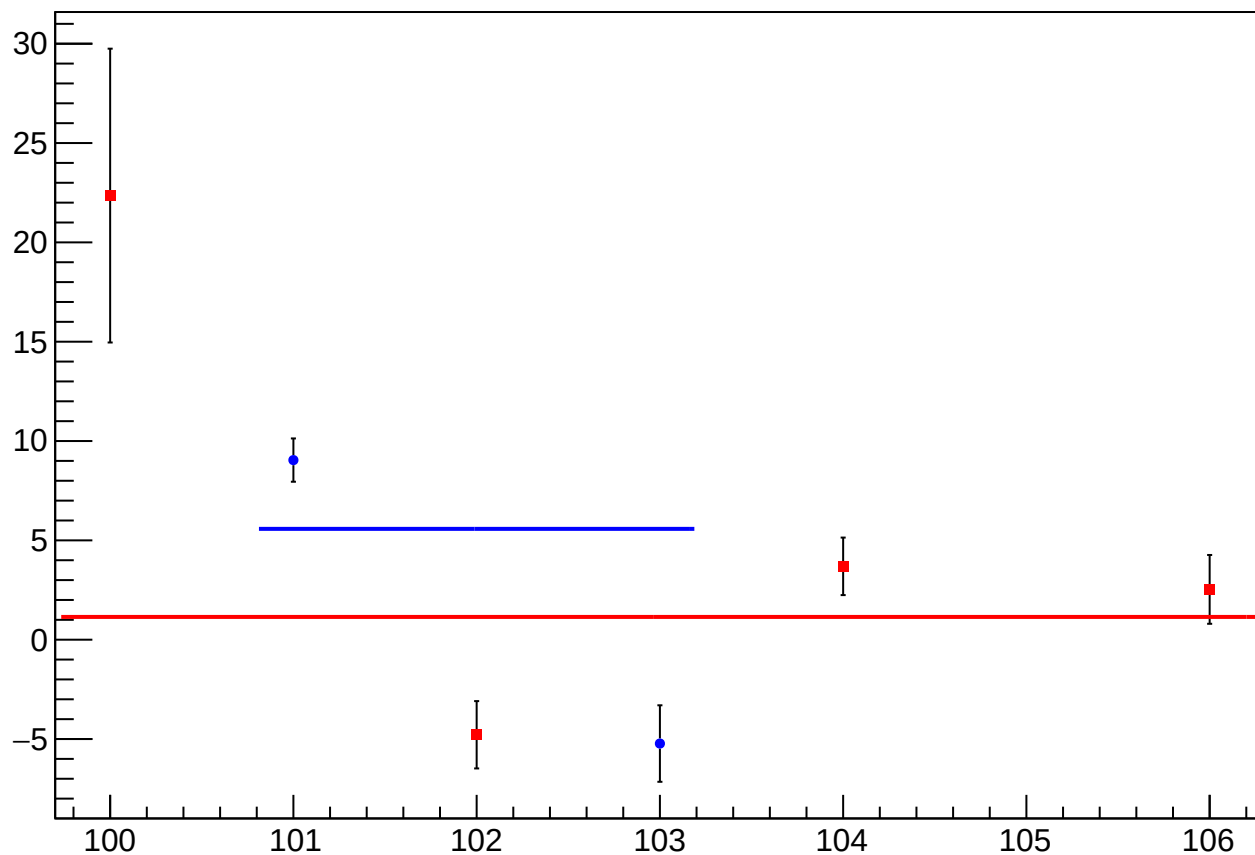
Right: -2.969+/-0.761 χ^2 /NDF: 305.3/5

In: -6.773+/-1.079 χ^2 /NDF:52.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.969+/-0.761 χ^2 /NDF: 305.3/5

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.579+/-0.948 χ^2/NDF : 41.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.146+/-0.922 χ^2/NDF : 24.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

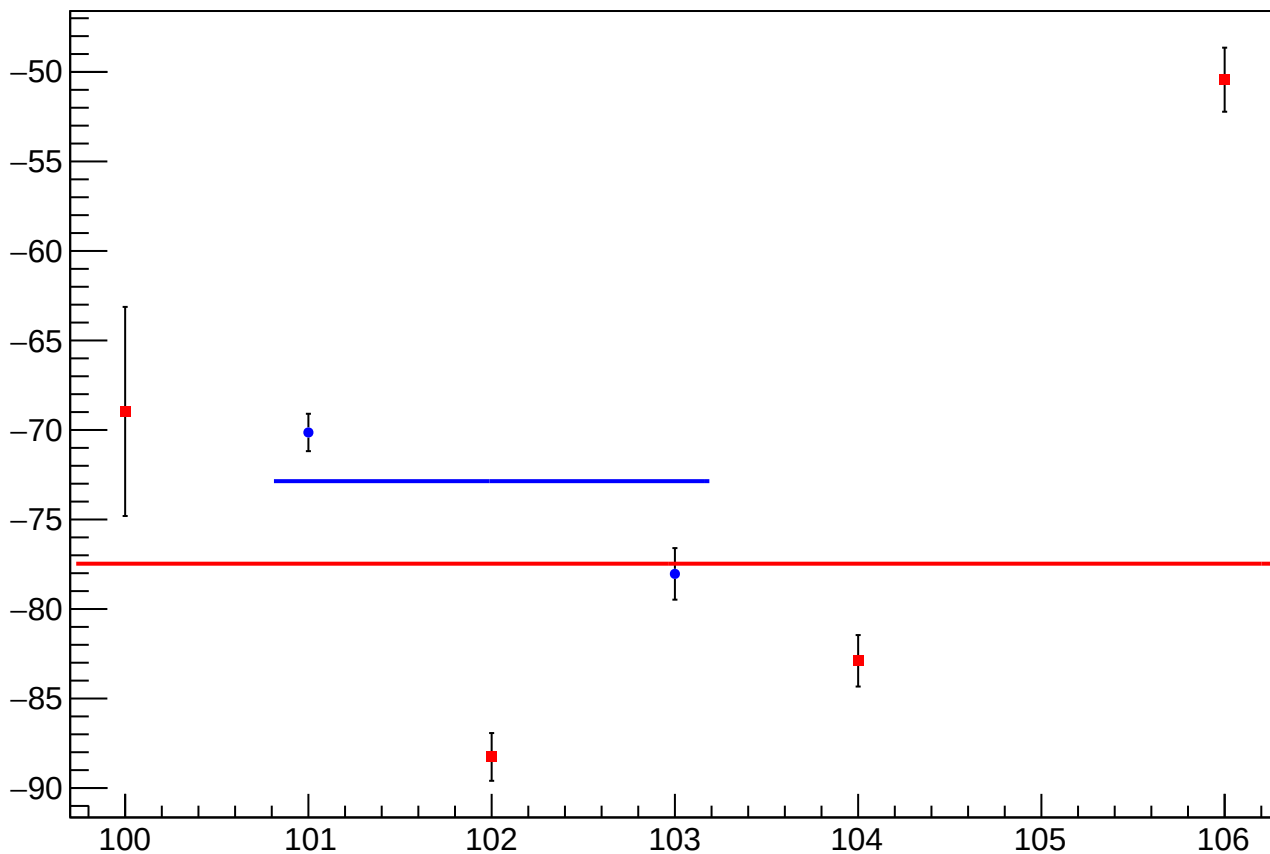
Right: 3.299+/-0.661 χ^2/NDF : 77.0/5

In: 5.579+/-0.948 χ^2/NDF : 41.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.299+/-0.661 χ^2/NDF : 77.0/5

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -72.859 $\pm$ 0.845 χ^2 /NDF: 19.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.469 $\pm$ 0.849 χ^2 /NDF: 310.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

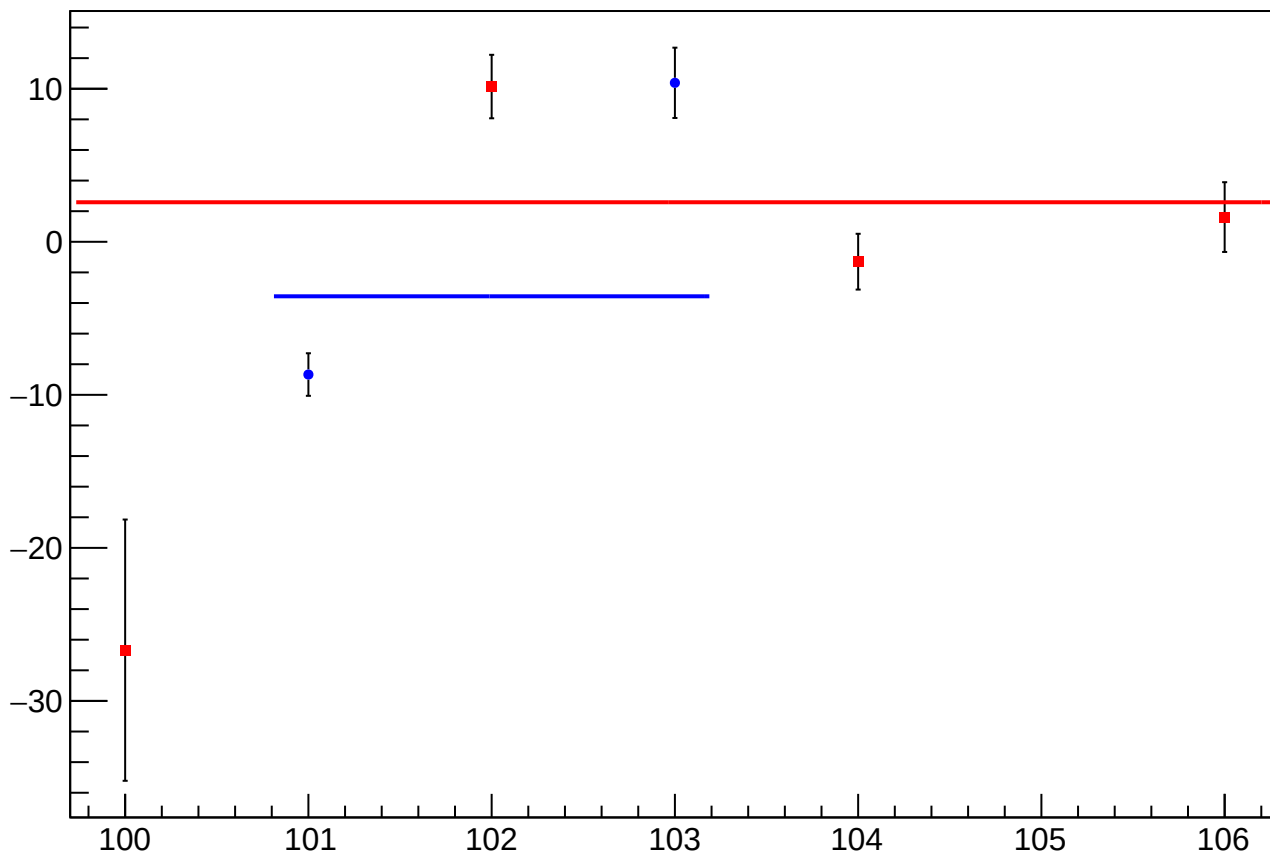
Right: -75.154 $\pm$ 0.599 χ^2 /NDF: 344.7/5

In: -72.859 $\pm$ 0.845 χ^2 /NDF: 19.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.154 $\pm$ 0.599 χ^2 /NDF: 344.7/5

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.561+/-1.190 χ^2/NDF : 50.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.584+/-1.163 χ^2/NDF : 29.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

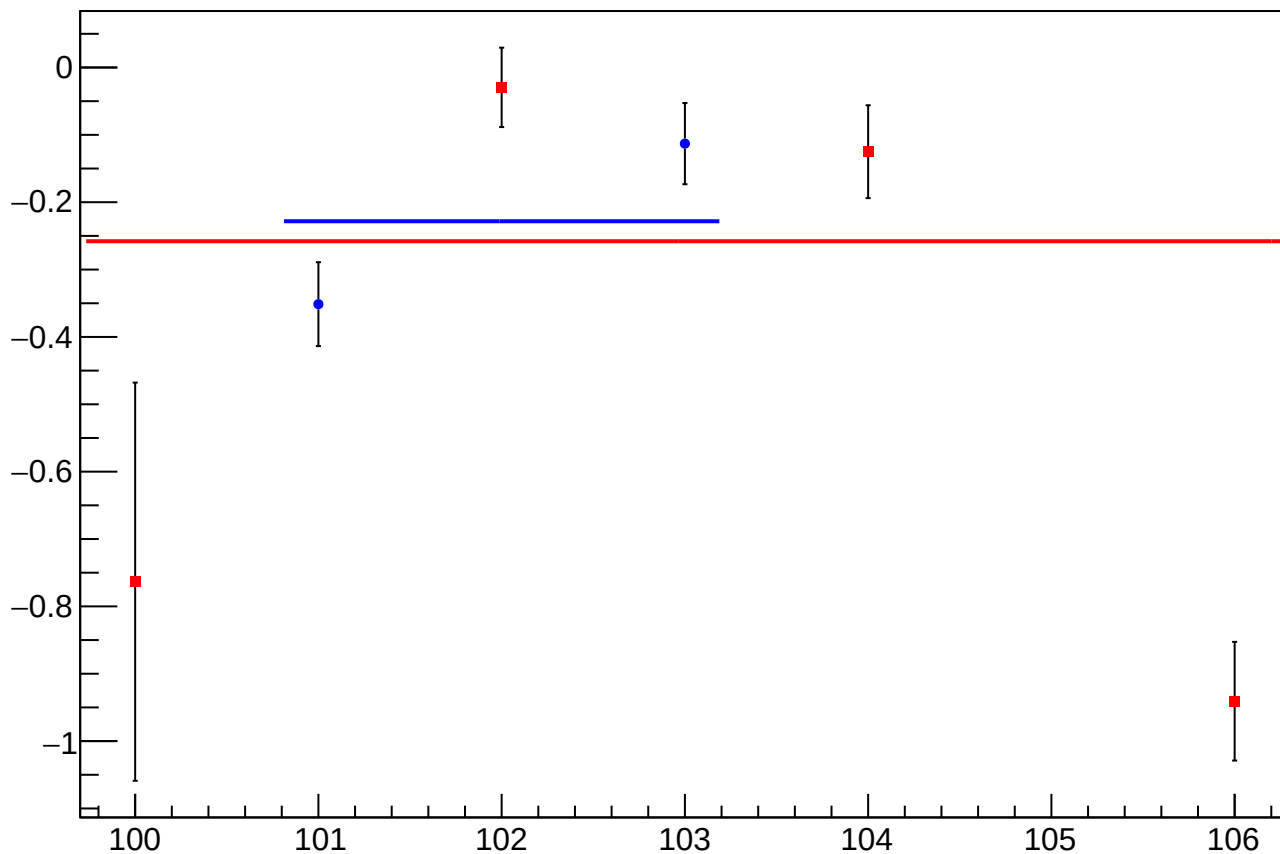
Right: -0.418+/-0.831 χ^2/NDF : 93.8/5

In: -3.561+/-1.190 χ^2/NDF : 50.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.418+/-0.831 χ^2/NDF : 93.8/5

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.228+/-0.043 χ^2 /NDF: 7.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.258+/-0.040 χ^2 /NDF: 81.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

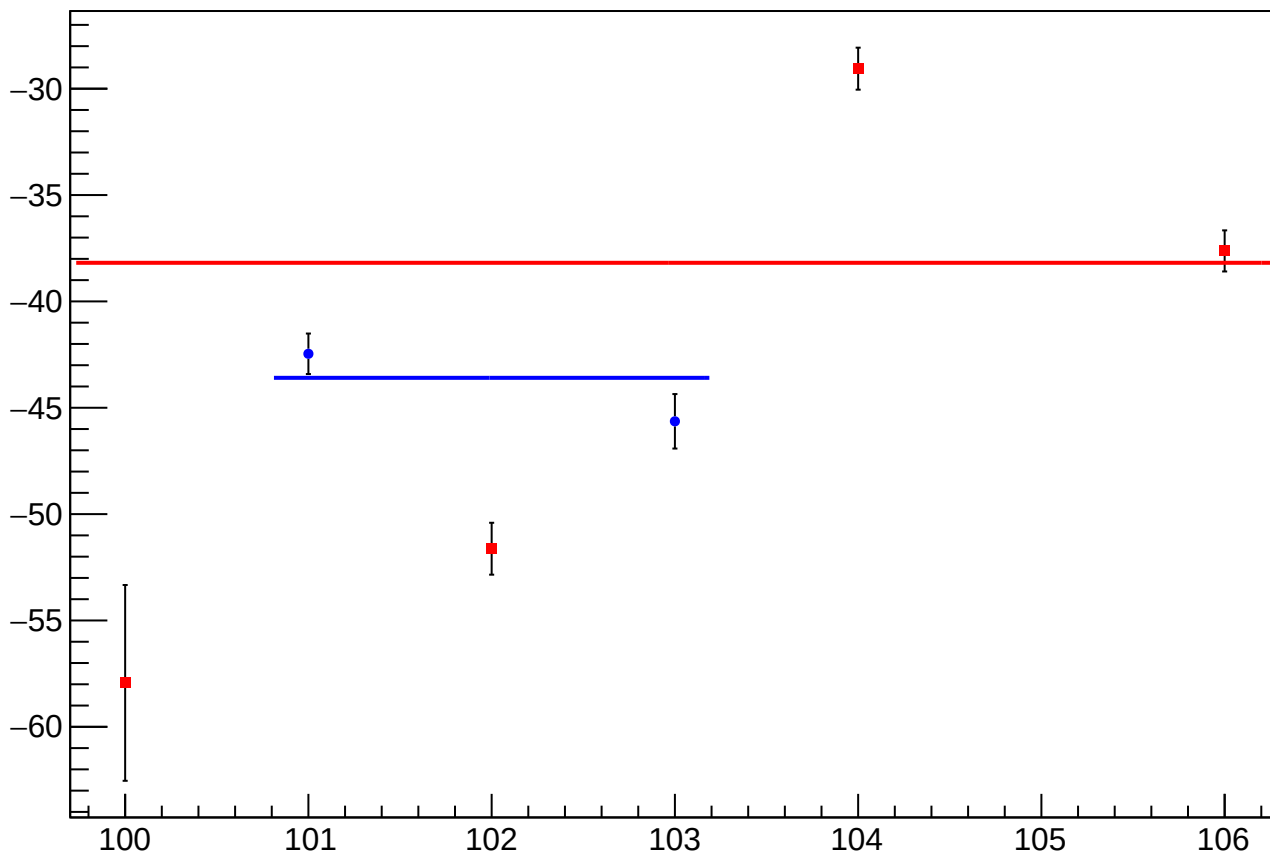
Right: -0.244+/-0.029 χ^2 /NDF: 89.6/5

In: -0.228+/-0.043 χ^2 /NDF:7.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.244+/-0.029 χ^2 /NDF: 89.6/5

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -43.593 $\pm$ 0.764 χ^2 /NDF: 4.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.185 $\pm$ 0.596 χ^2 /NDF: 225.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

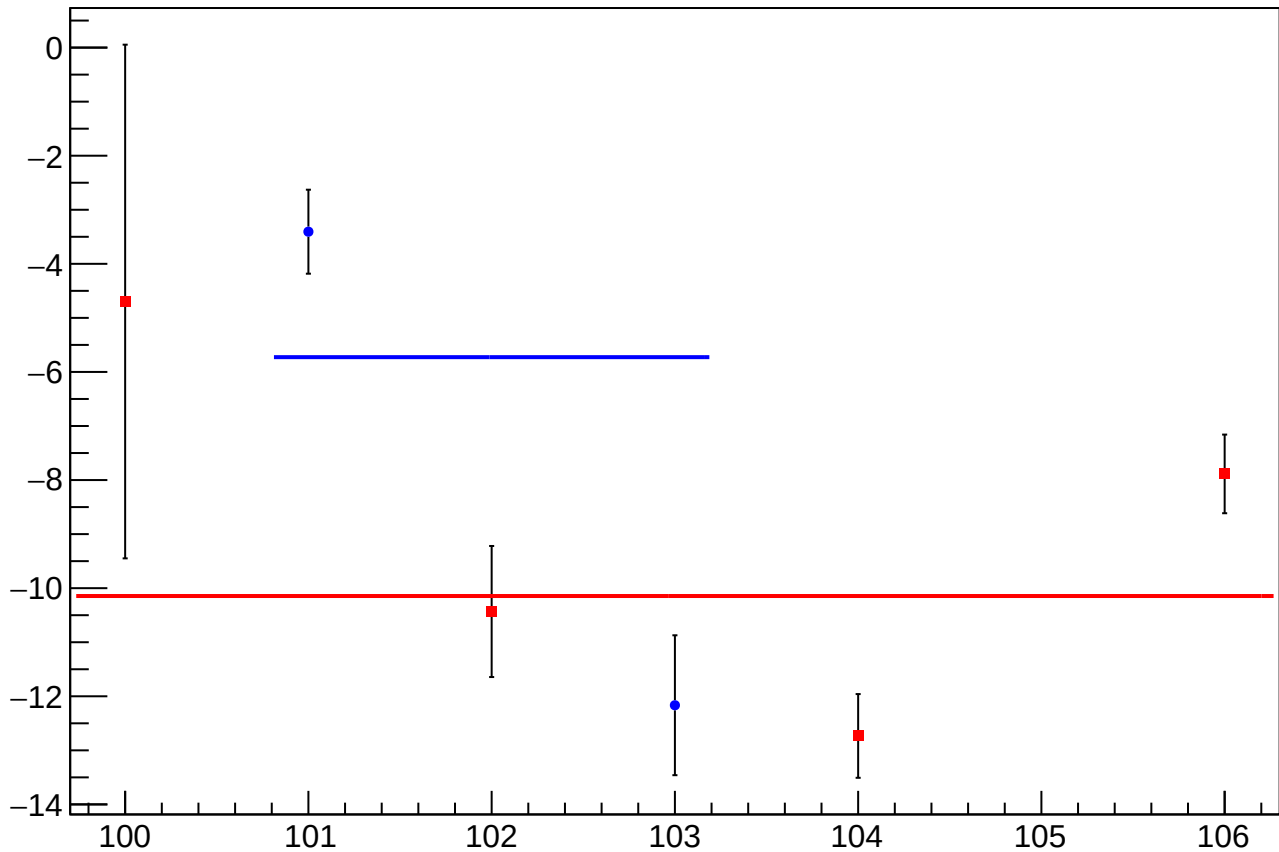
Right: -40.230 $\pm$ 0.470 χ^2 /NDF: 260.7/5

In: -43.593 $\pm$ 0.764 χ^2 /NDF:4.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.230 $\pm$ 0.470 χ^2 /NDF: 260.7/5

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.727 $\pm$ 0.666 χ^2 /NDF: 33.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.145 $\pm$ 0.483 χ^2 /NDF: 22.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

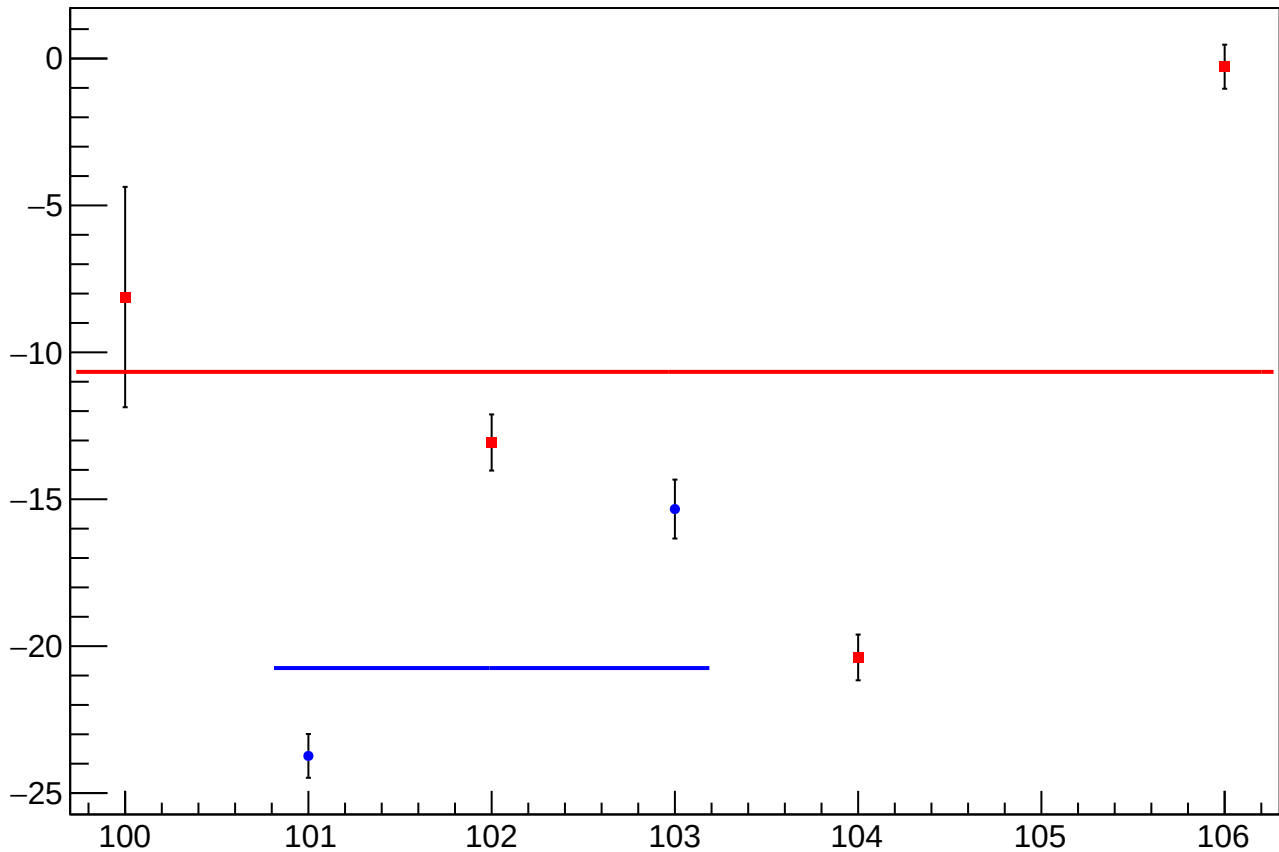
Right: -8.621 $\pm$ 0.391 χ^2 /NDF: 84.7/5

In: -5.727 $\pm$ 0.666 χ^2 /NDF:33.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.621 $\pm$ 0.391 χ^2 /NDF: 84.7/5

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -20.745 $\pm$ 0.598 χ^2 /NDF: 45.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.664 $\pm$ 0.467 χ^2 /NDF: 354.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

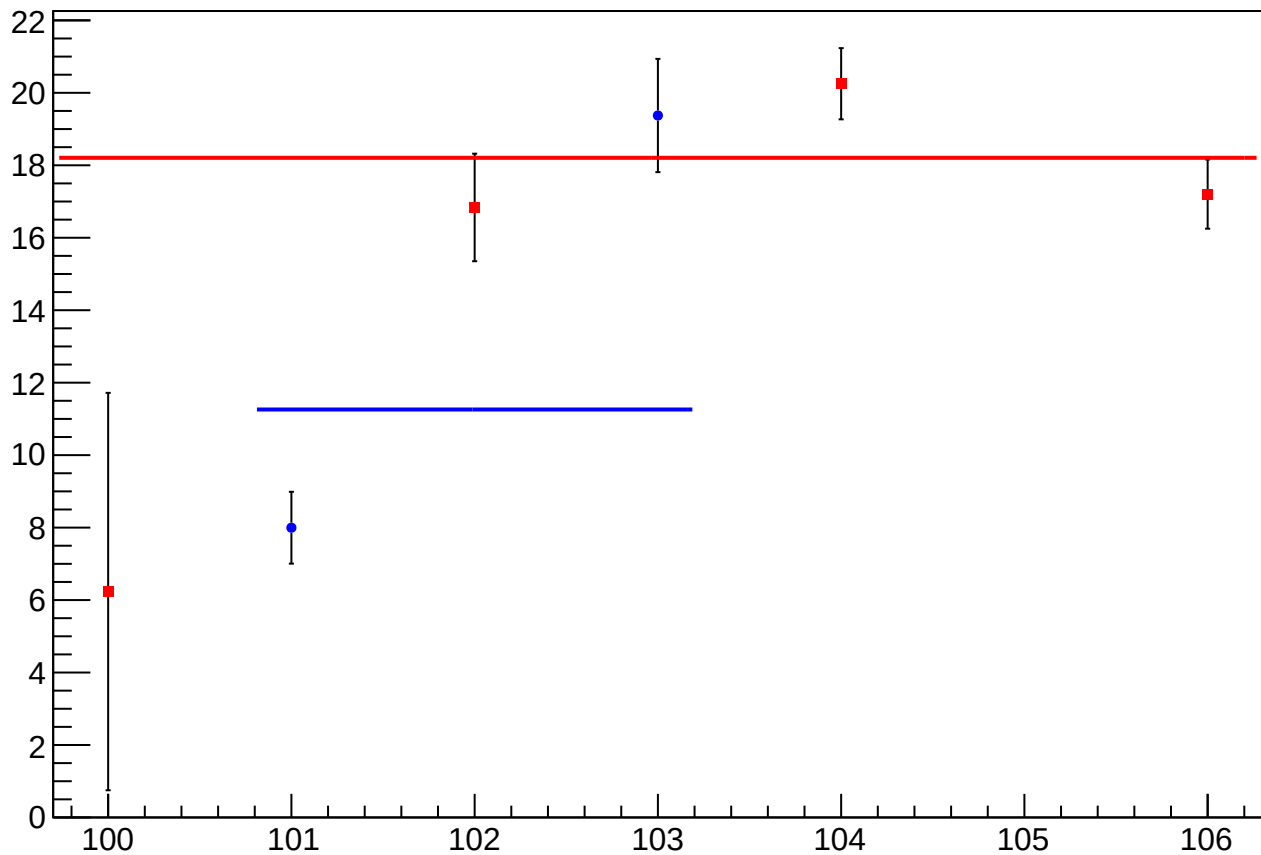
Right: -14.478 $\pm$ 0.368 χ^2 /NDF: 576.3/5

In: -20.745 $\pm$ 0.598 χ^2 /NDF: 45.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.478 $\pm$ 0.368 χ^2 /NDF: 576.3/5

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.260 $\pm$ 0.837 χ^2 /NDF: 37.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.207 $\pm$ 0.618 χ^2 /NDF: 11.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

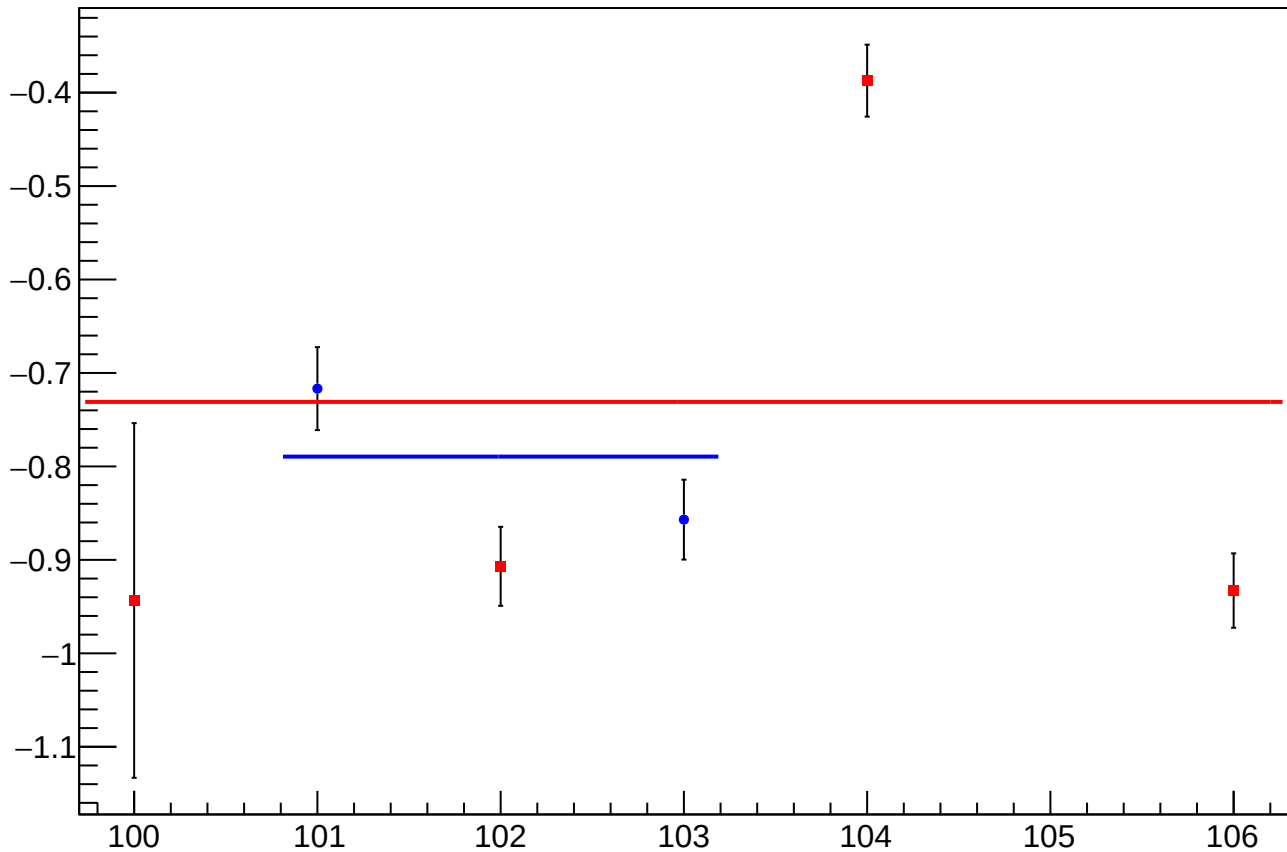
Right: 15.756 $\pm$ 0.497 χ^2 /NDF: 93.4/5

In: 11.260 $\pm$ 0.837 χ^2 /NDF:37.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.756 $\pm$ 0.497 χ^2 /NDF: 93.4/5

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.789+/-0.031 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.731+/-0.023 χ^2/NDF : 124.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

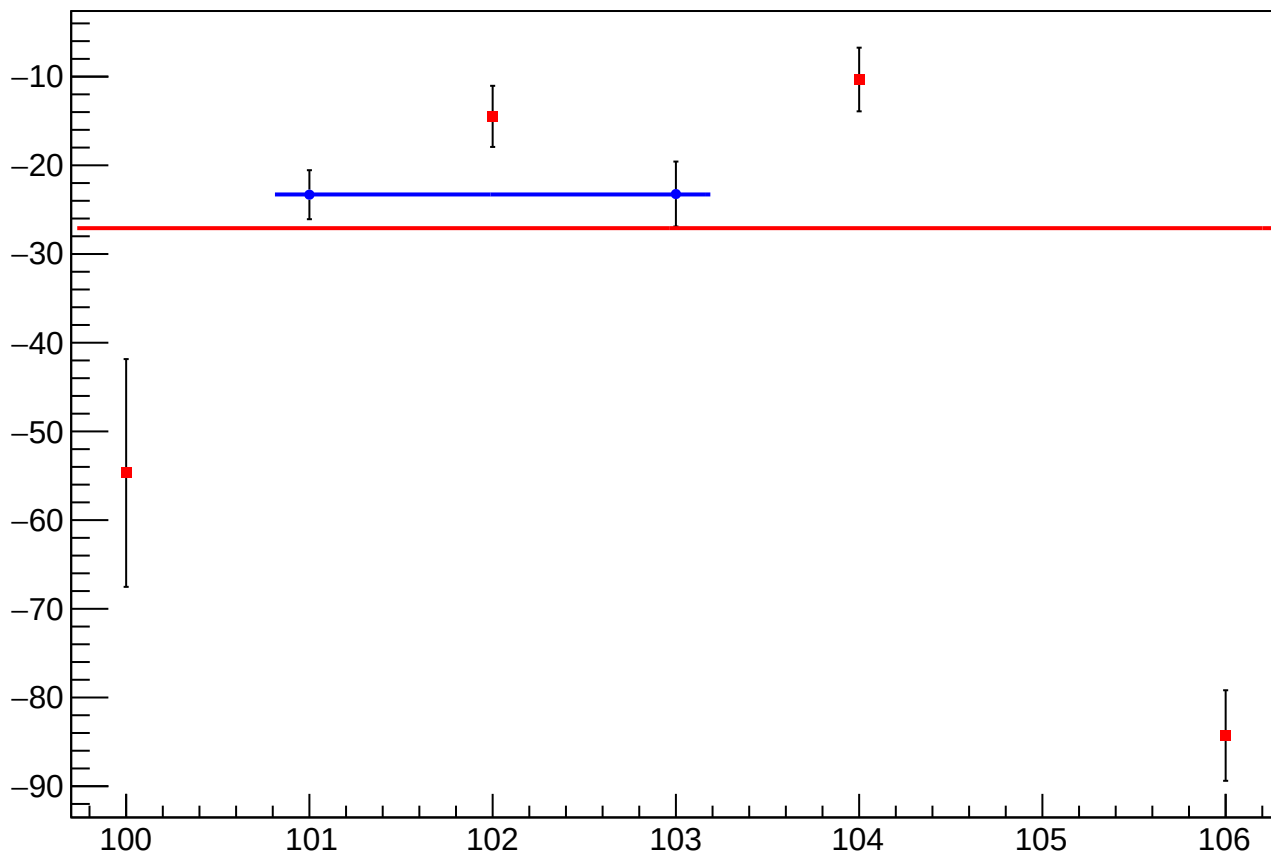
Right: -0.752+/-0.018 χ^2/NDF : 131.5/5

In: -0.789+/-0.031 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.752+/-0.018 χ^2/NDF : 131.5/5

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.286 $\pm$ 2.205 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.085 $\pm$ 2.201 χ^2 /NDF: 165.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

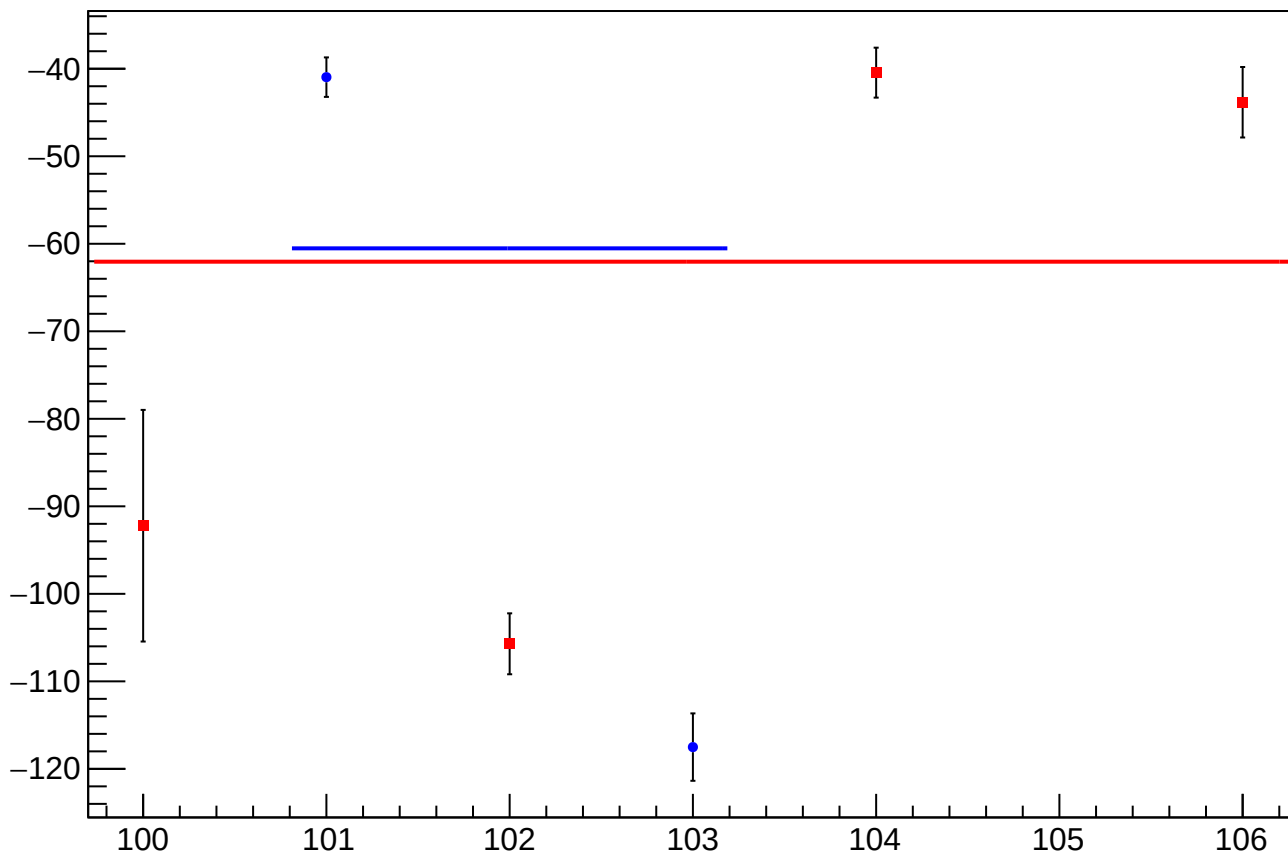
Right: -25.189 $\pm$ 1.558 χ^2 /NDF: 166.9/5

In: -23.286 $\pm$ 2.205 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.189 $\pm$ 1.558 χ^2 /NDF: 166.9/5

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.522 $\pm$ 1.947 χ^2 /NDF: 294.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -62.048 $\pm$ 1.915 χ^2 /NDF: 240.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

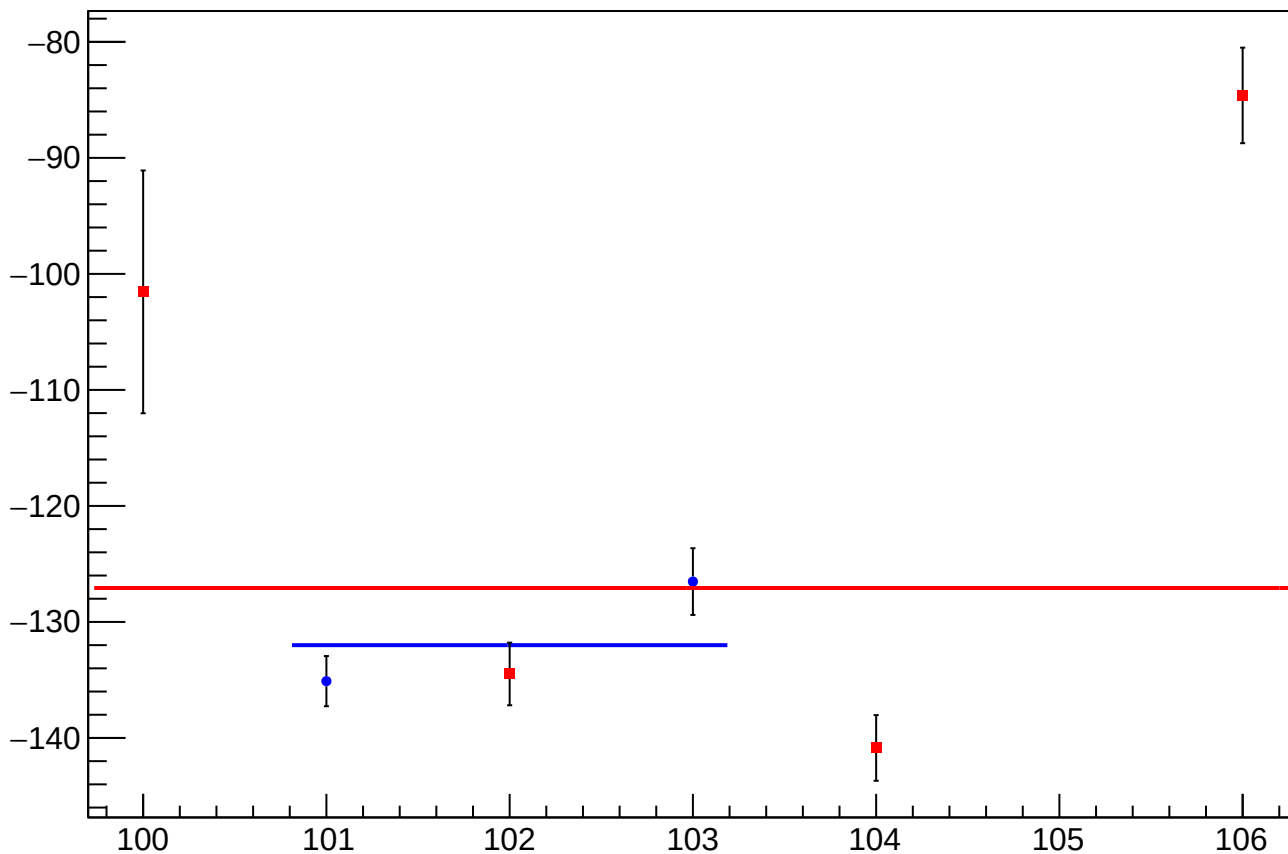
Right: -61.298 $\pm$ 1.365 χ^2 /NDF: 534.7/5

In: -60.522 $\pm$ 1.947 χ^2 /NDF:294.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.298 $\pm$ 1.365 χ^2 /NDF: 534.7/5

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -132.002 $\pm$ 1.728 χ^2 /NDF: 5.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -127.073 $\pm$ 1.740 χ^2 /NDF: 143.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

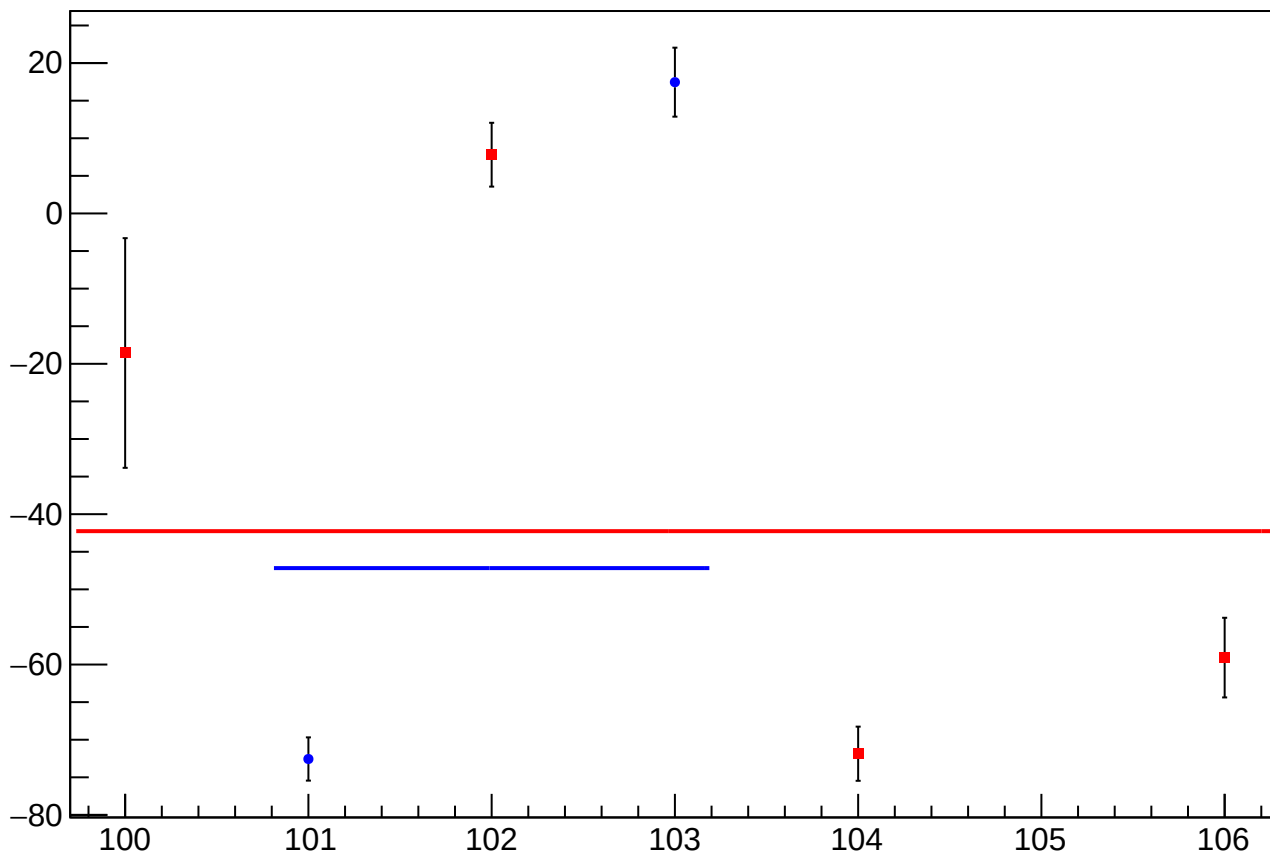
Right: -129.555 $\pm$ 1.226 χ^2 /NDF: 153.3/5

In: -132.002 $\pm$ 1.728 χ^2 /NDF:5.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -129.555 $\pm$ 1.226 χ^2 /NDF: 153.3/5

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.172 $\pm$ 2.437 χ^2 /NDF: 276.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.258 $\pm$ 2.408 χ^2 /NDF: 219.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

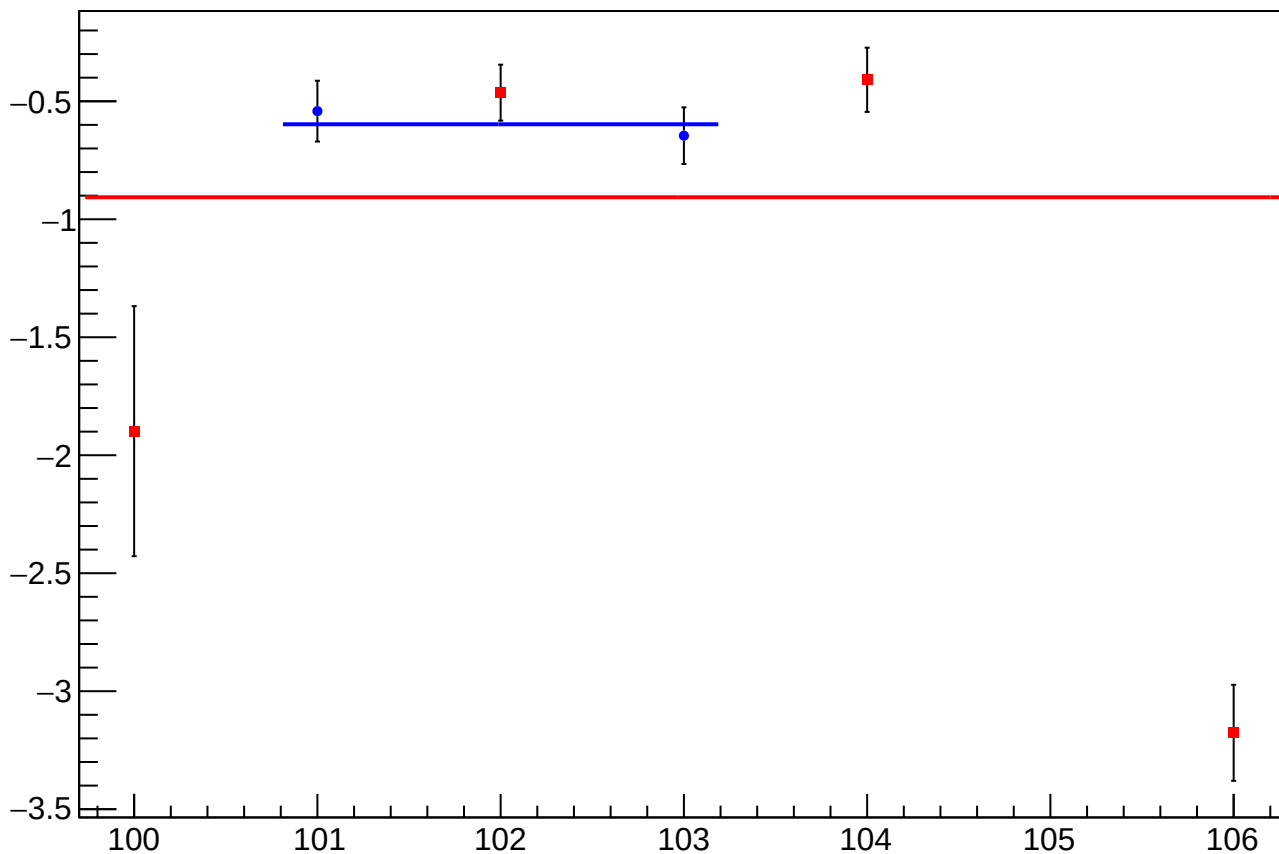
Right: -44.685 $\pm$ 1.713 χ^2 /NDF: 497.7/5

In: -47.172 $\pm$ 2.437 χ^2 /NDF:276.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.685 $\pm$ 1.713 χ^2 /NDF: 497.7/5

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.598 ± 0.088 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.907 ± 0.081 $\chi^2/\text{NDF}: 155.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

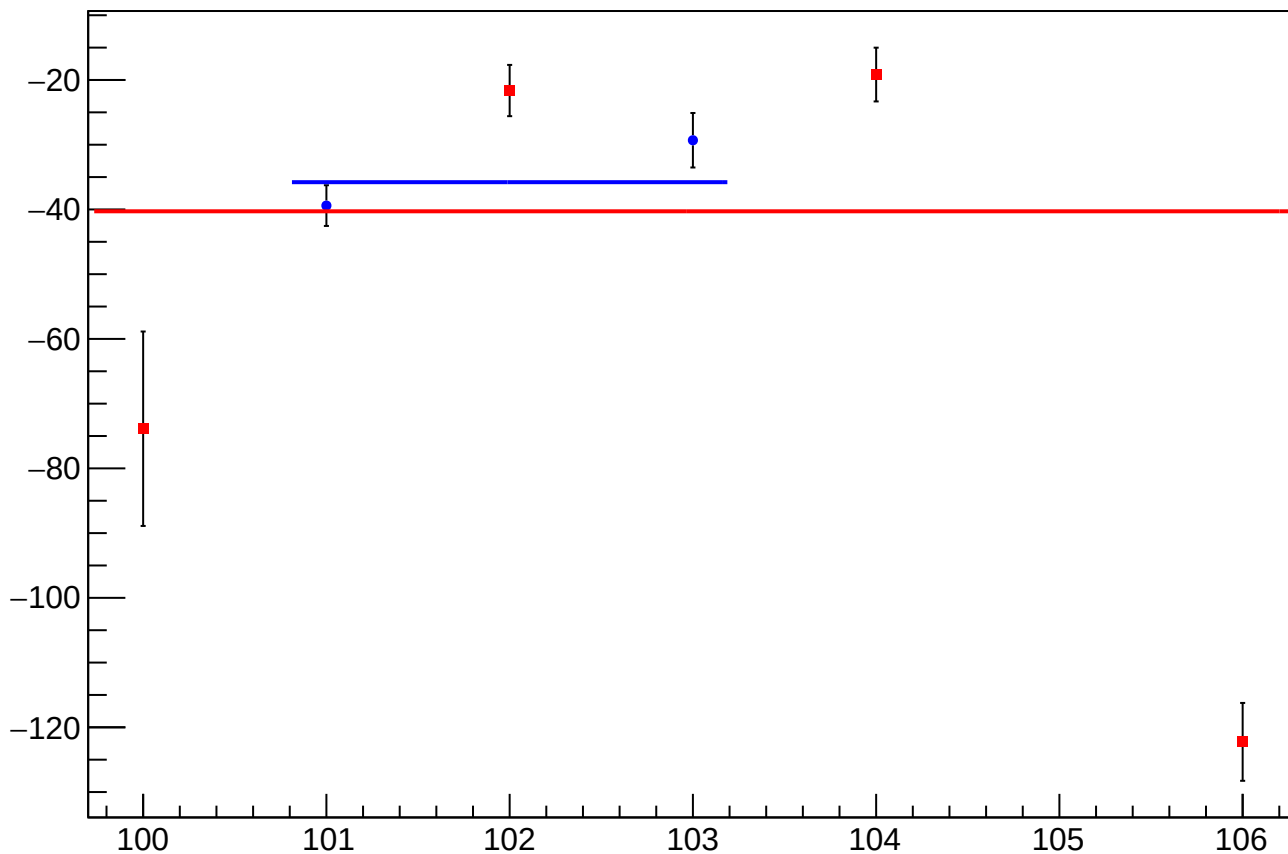
Right: -0.765 ± 0.060 $\chi^2/\text{NDF}: 162.3/5$

In: -0.598 ± 0.088 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.765 ± 0.060 $\chi^2/\text{NDF}: 162.3/5$

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -35.788 $\pm$ 2.520 χ^2 /NDF: 3.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.286 $\pm$ 2.549 χ^2 /NDF: 238.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

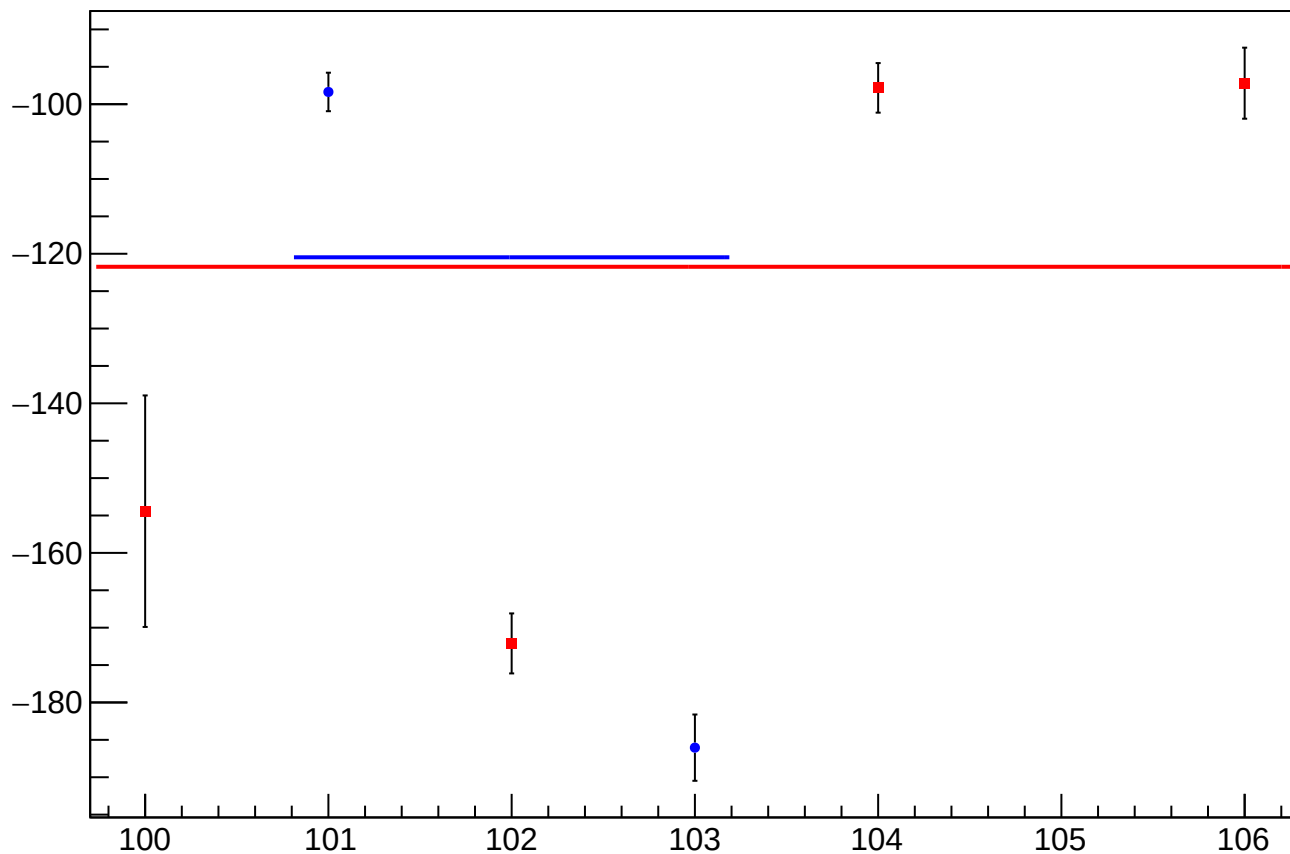
Right: -38.011 $\pm$ 1.792 χ^2 /NDF: 244.1/5

In: -35.788 $\pm$ 2.520 χ^2 /NDF: 3.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.011 $\pm$ 1.792 χ^2 /NDF: 244.1/5

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -120.472+/-2.226 χ^2/NDF : 292.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -121.741+/-2.227 χ^2/NDF : 240.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

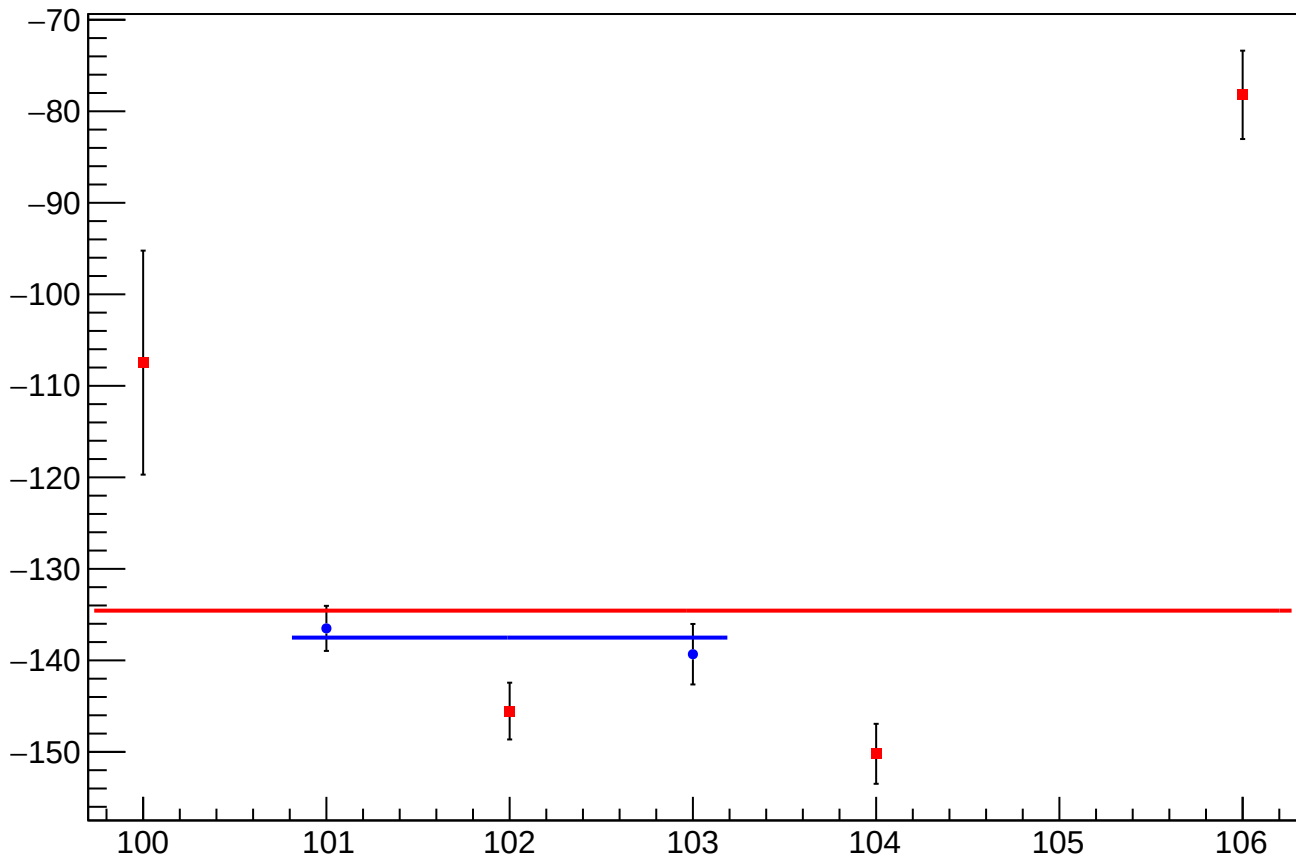
Right: -121.106+/-1.574 χ^2/NDF : 533.7/5

In: -120.472+/-2.226 χ^2/NDF : 292.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.106+/-1.574 χ^2/NDF : 533.7/5

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -137.511 $\pm$ 1.974 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -134.564 $\pm$ 2.013 χ^2 /NDF: 176.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

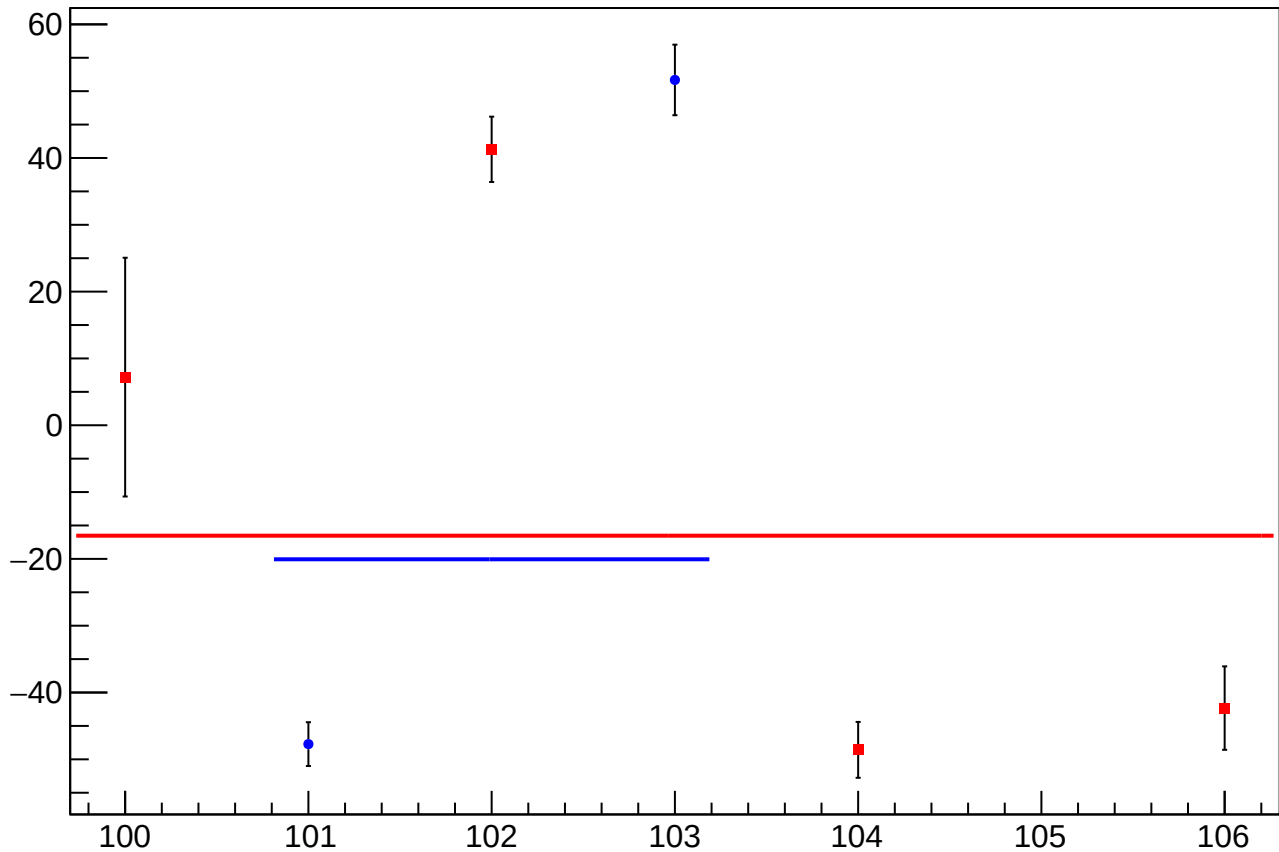
Right: -136.066 $\pm$ 1.410 χ^2 /NDF: 178.1/5

In: -137.511 $\pm$ 1.974 χ^2 /NDF: 0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -136.066 $\pm$ 1.410 χ^2 /NDF: 178.1/5

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.061 $\pm$ 2.785 χ^2 /NDF: 255.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.529 $\pm$ 2.797 χ^2 /NDF: 217.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

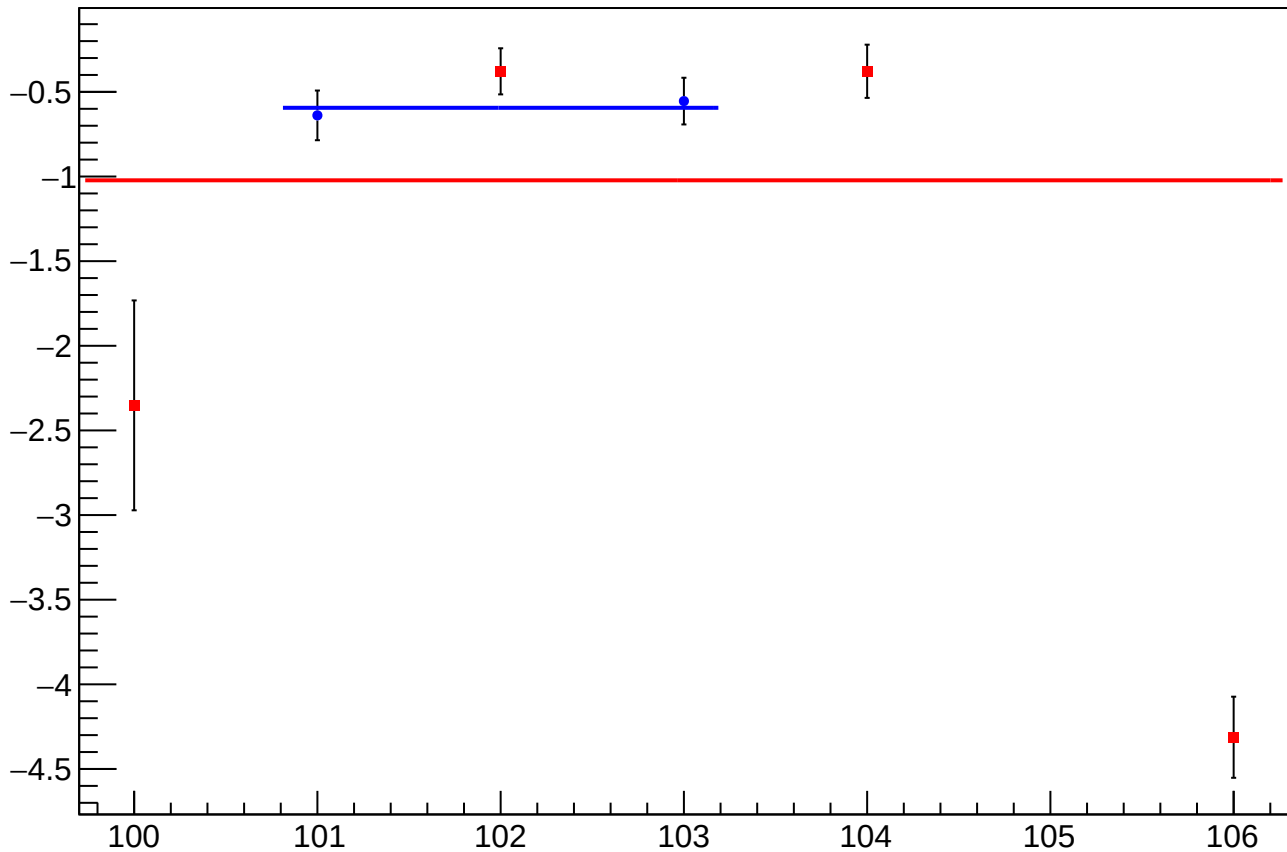
Right: -18.302 $\pm$ 1.973 χ^2 /NDF: 474.2/5

In: -20.061 $\pm$ 2.785 χ^2 /NDF:255.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.302 $\pm$ 1.973 χ^2 /NDF: 474.2/5

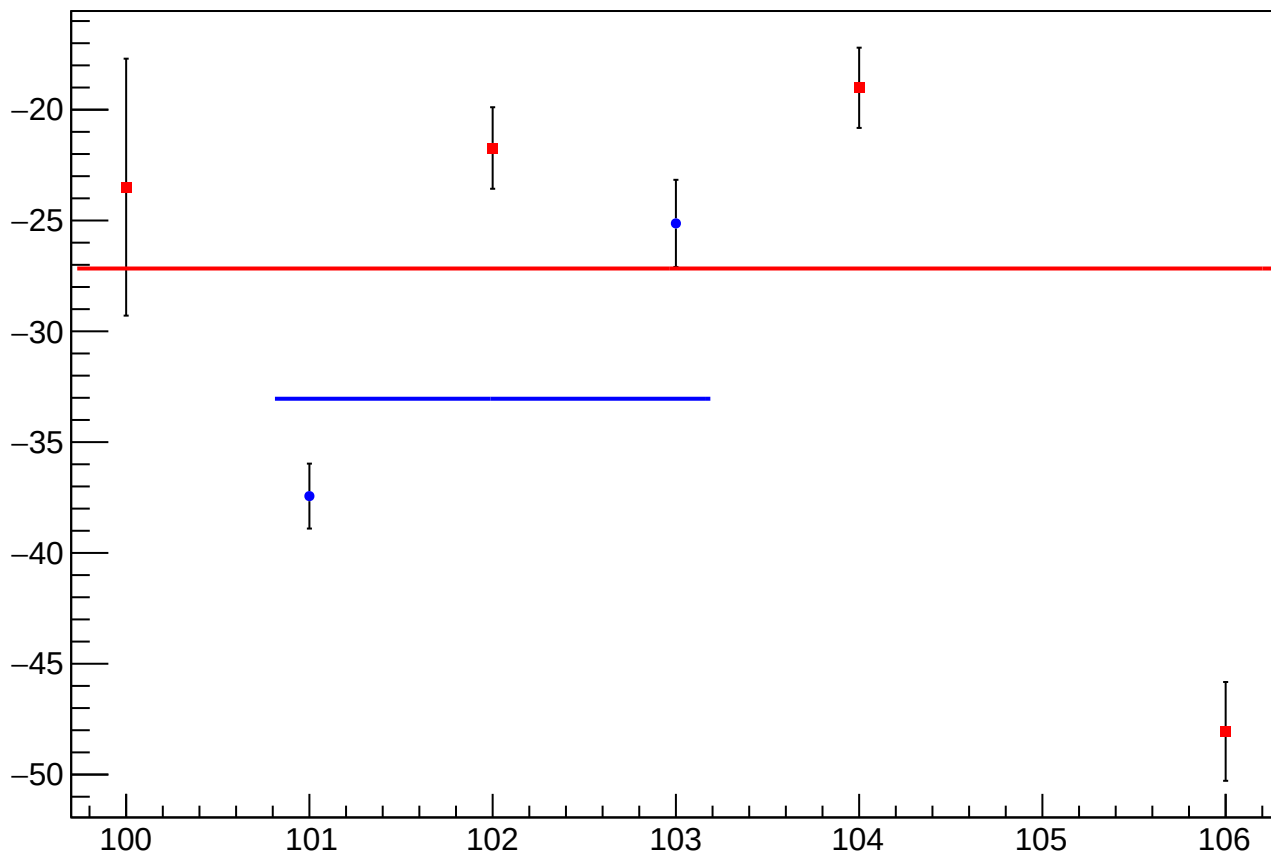
reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.594 ± 0.101 $\chi^2/\text{NDF: } 0.2/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$
 Right Out: -1.022 ± 0.093 $\chi^2/\text{NDF: } 232.3/3$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$
 Right: -0.824 ± 0.068 $\chi^2/\text{NDF: } 242.2/5$
 In: -0.594 ± 0.101 $\chi^2/\text{NDF: } 0.2/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$
 All: -0.824 ± 0.068 $\chi^2/\text{NDF: } 242.2/5$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.042 $\pm$ 1.175 χ^2 /NDF: 25.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.166 $\pm$ 1.097 χ^2 /NDF: 117.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

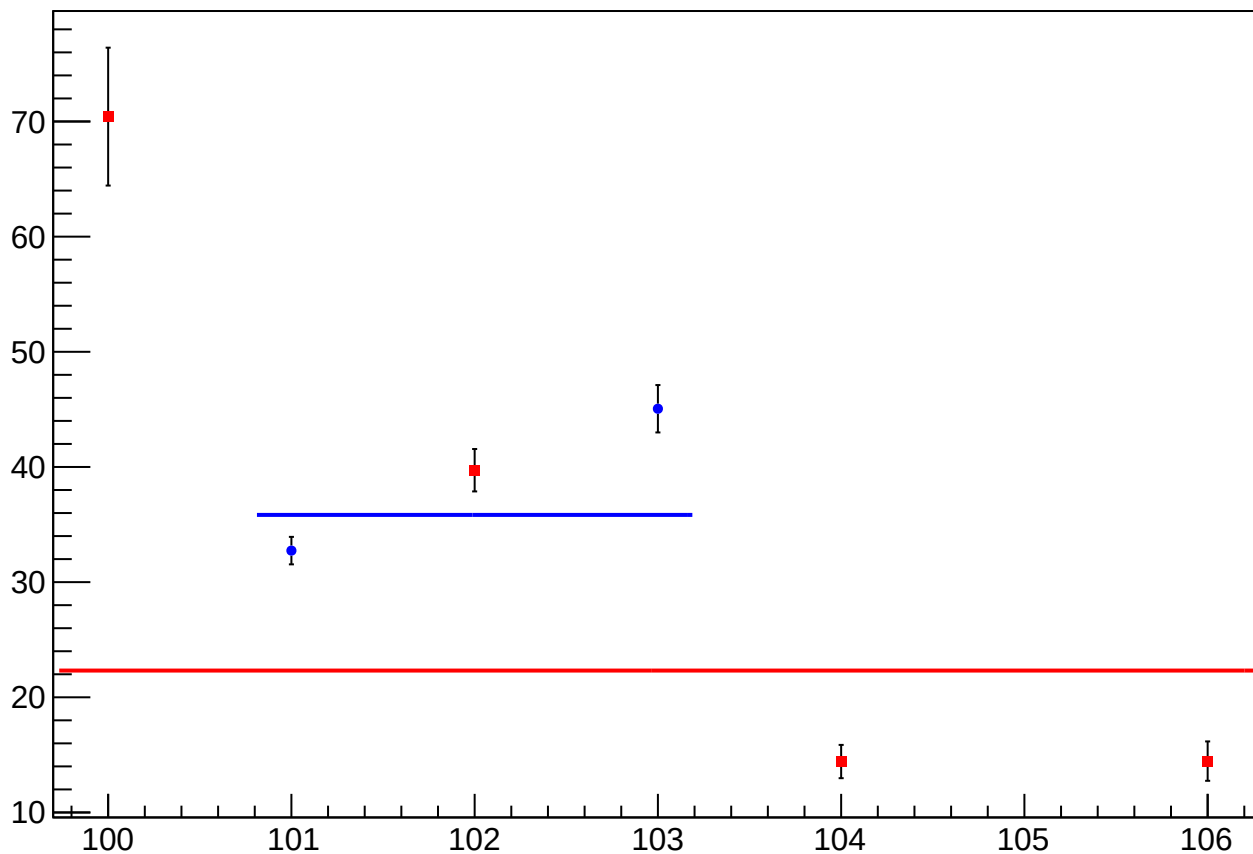
Right: -29.902 $\pm$ 0.802 χ^2 /NDF: 155.8/5

In: -33.042 $\pm$ 1.175 χ^2 /NDF: 25.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.902 $\pm$ 0.802 χ^2 /NDF: 155.8/5

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 35.838+/-1.032 χ^2/NDF : 26.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.322+/-0.935 χ^2/NDF : 204.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

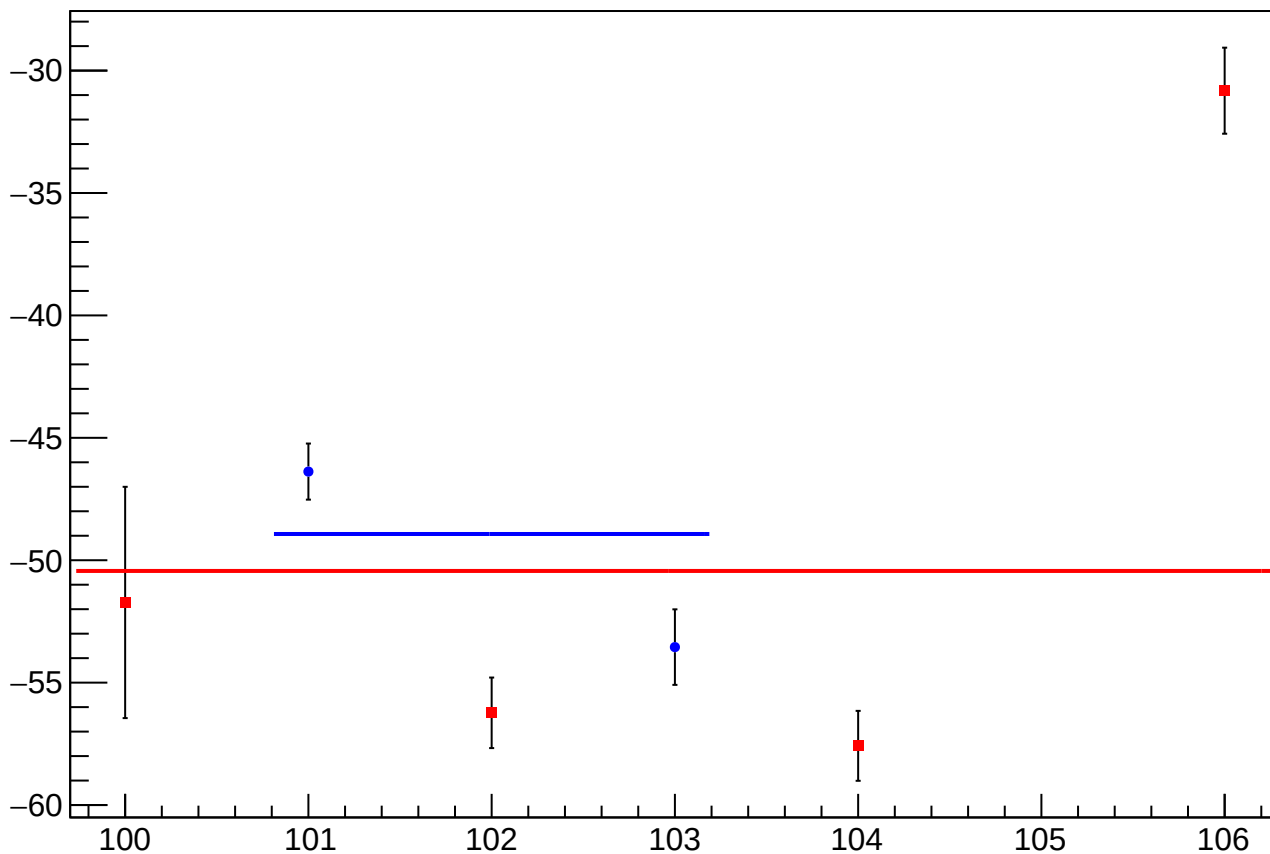
Right: 28.413+/-0.693 χ^2/NDF : 325.9/5

In: 35.838+/-1.032 χ^2/NDF : 26.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.413+/-0.693 χ^2/NDF : 325.9/5

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.928 ± 0.920 $\chi^2/\text{NDF}: 13.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -50.438 ± 0.864 $\chi^2/\text{NDF}: 165.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

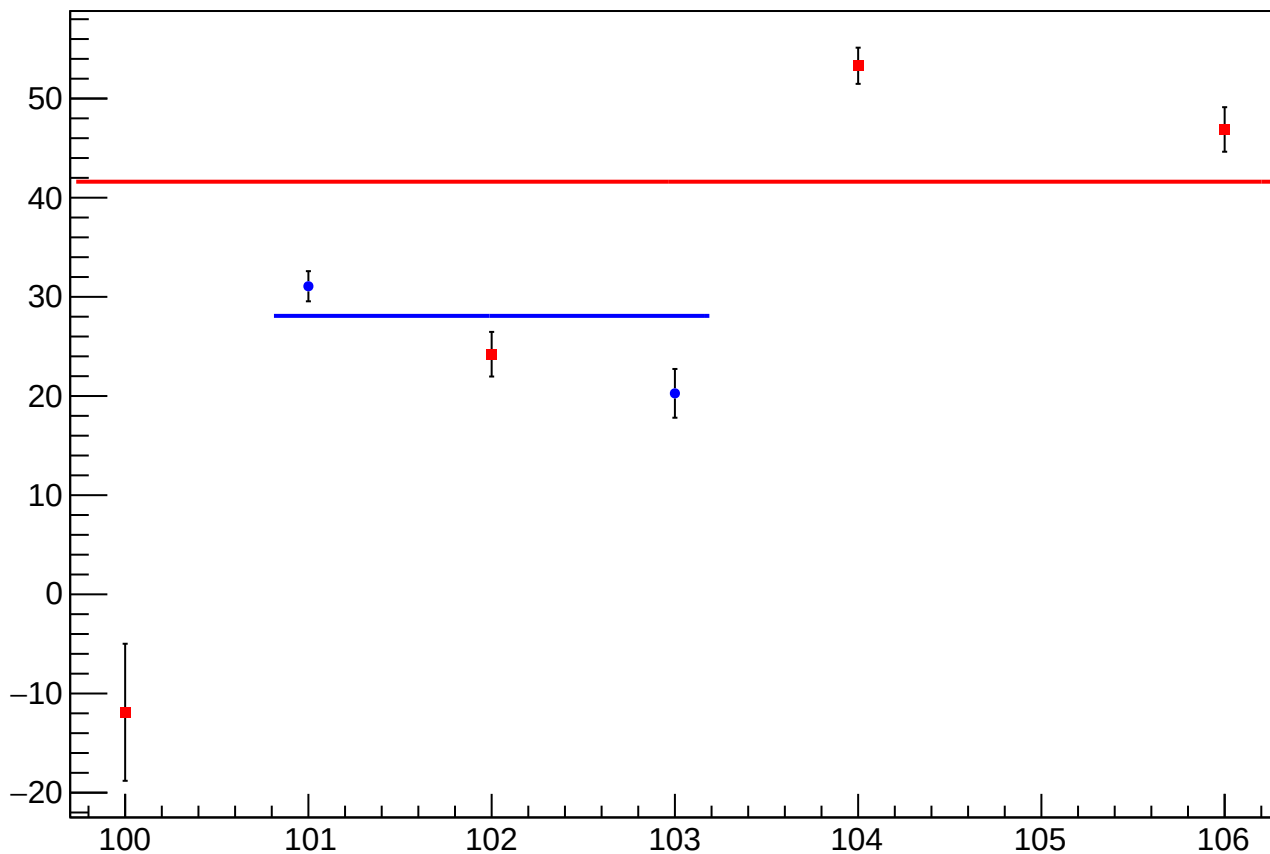
Right: -49.731 ± 0.630 $\chi^2/\text{NDF}: 181.2/5$

In: -48.928 ± 0.920 $\chi^2/\text{NDF}: 13.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -49.731 ± 0.630 $\chi^2/\text{NDF}: 181.2/5$

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.082 $\pm$ 1.293 χ^2 /NDF: 14.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.613 $\pm$ 1.181 χ^2 /NDF: 166.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

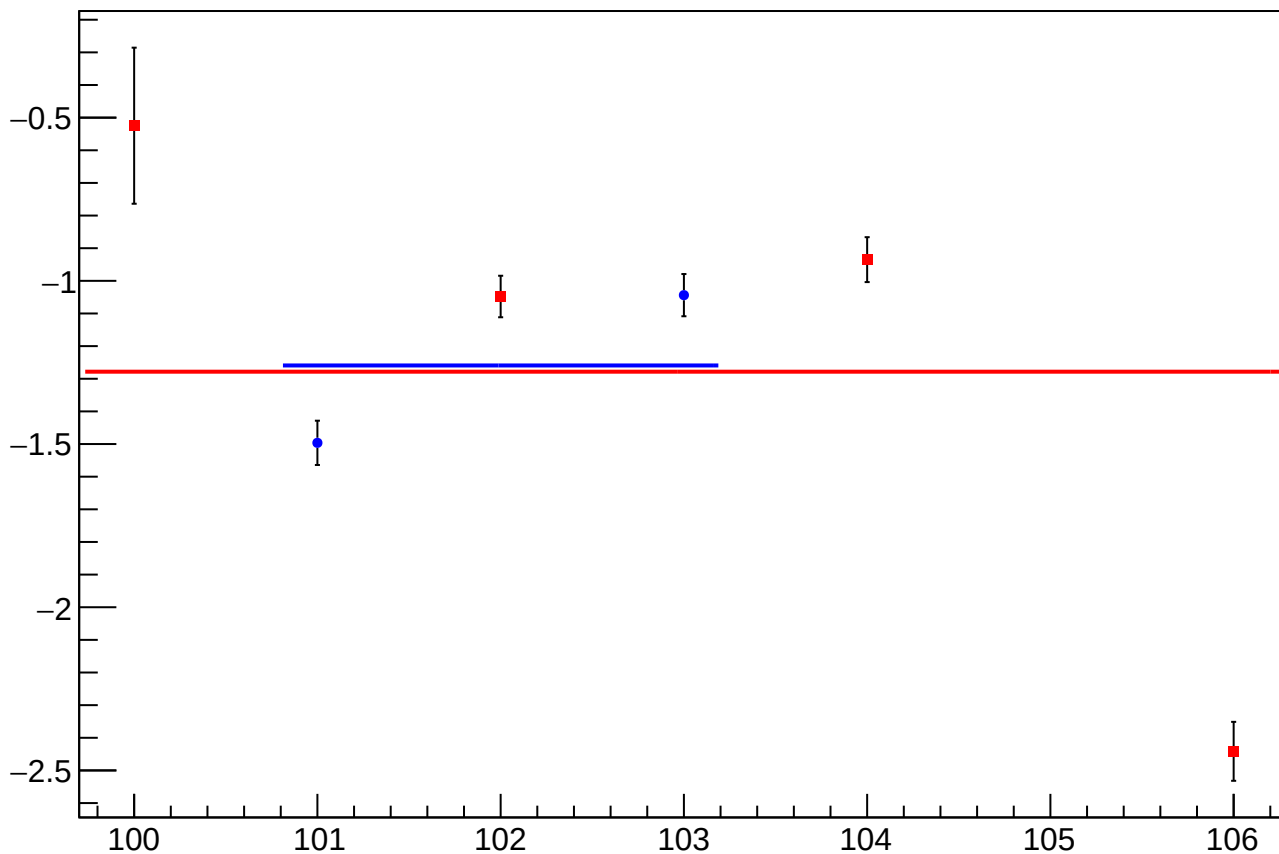
Right: 35.461 $\pm$ 0.872 χ^2 /NDF: 239.9/5

In: 28.082 $\pm$ 1.293 χ^2 /NDF: 14.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.461 $\pm$ 0.872 χ^2 /NDF: 239.9/5

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.259 $\pm$ 0.047 χ^2 /NDF: 23.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.278 $\pm$ 0.041 χ^2 /NDF: 213.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

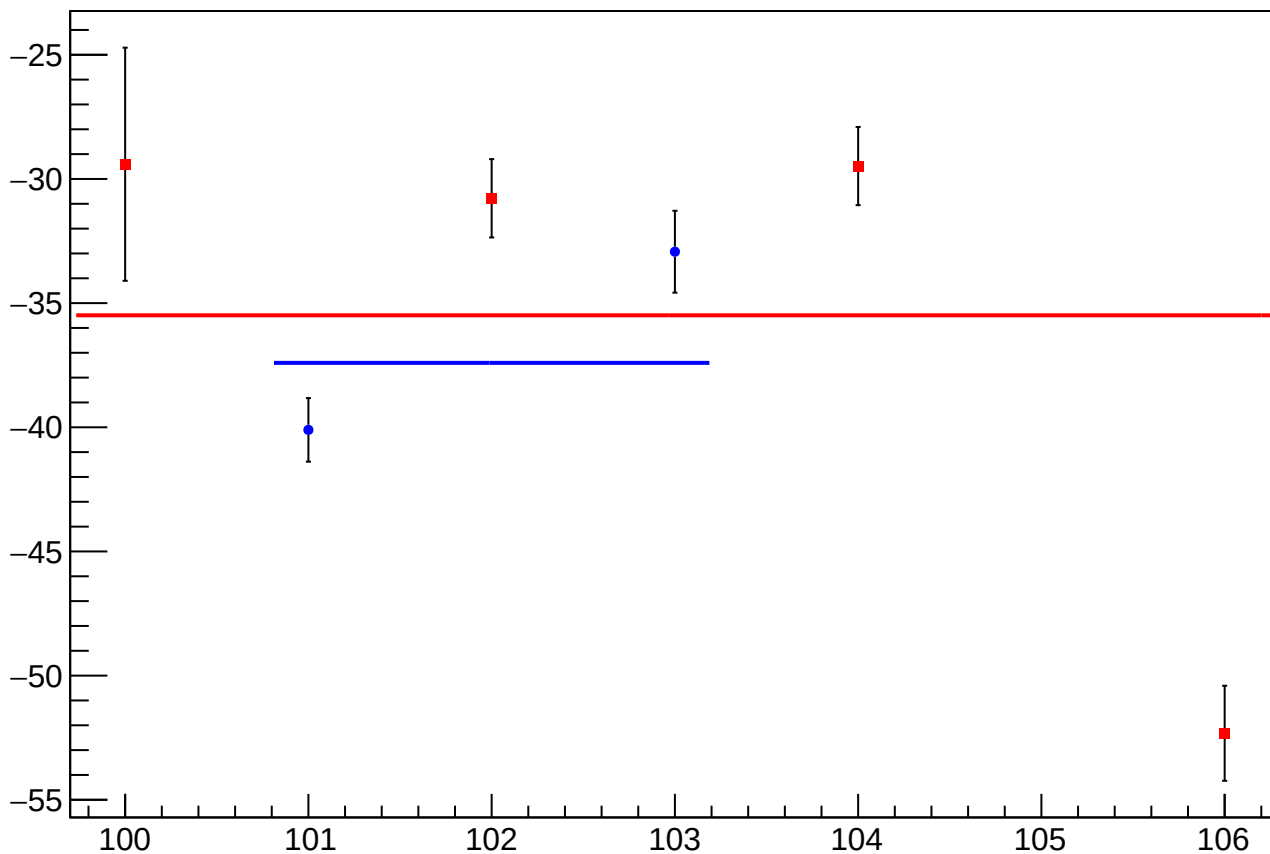
Right: -1.270 $\pm$ 0.031 χ^2 /NDF: 237.3/5

In: -1.259 $\pm$ 0.047 χ^2 /NDF:23.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.270 $\pm$ 0.031 χ^2 /NDF: 237.3/5

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.406 ± 1.011 χ^2/NDF : 11.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.490 ± 0.943 χ^2/NDF : 102.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

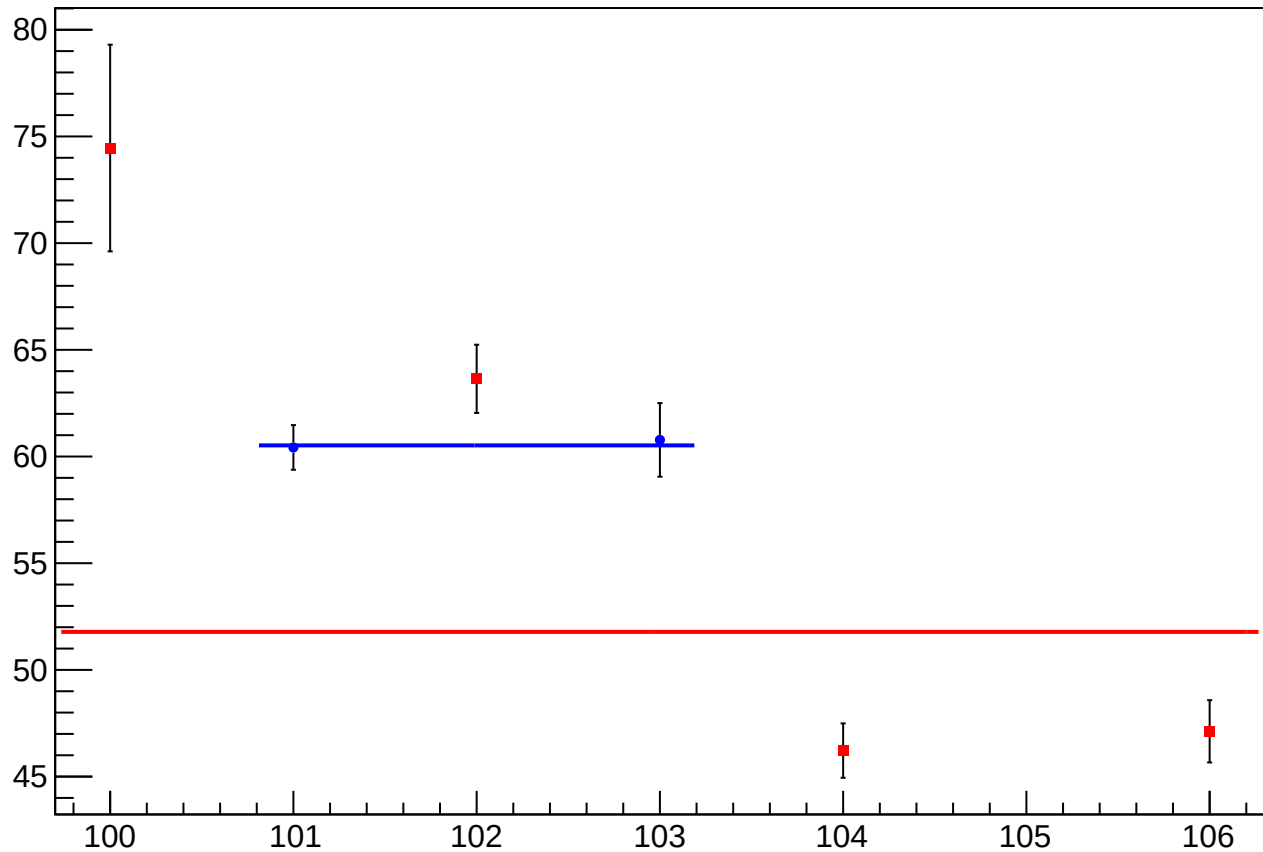
Right: -36.382 ± 0.690 χ^2/NDF : 116.2/5

In: -37.406 ± 1.011 χ^2/NDF : 11.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.382 ± 0.690 χ^2/NDF : 116.2/5

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 60.521+/-0.895 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 51.783+/-0.812 χ^2 /NDF: 106.2/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

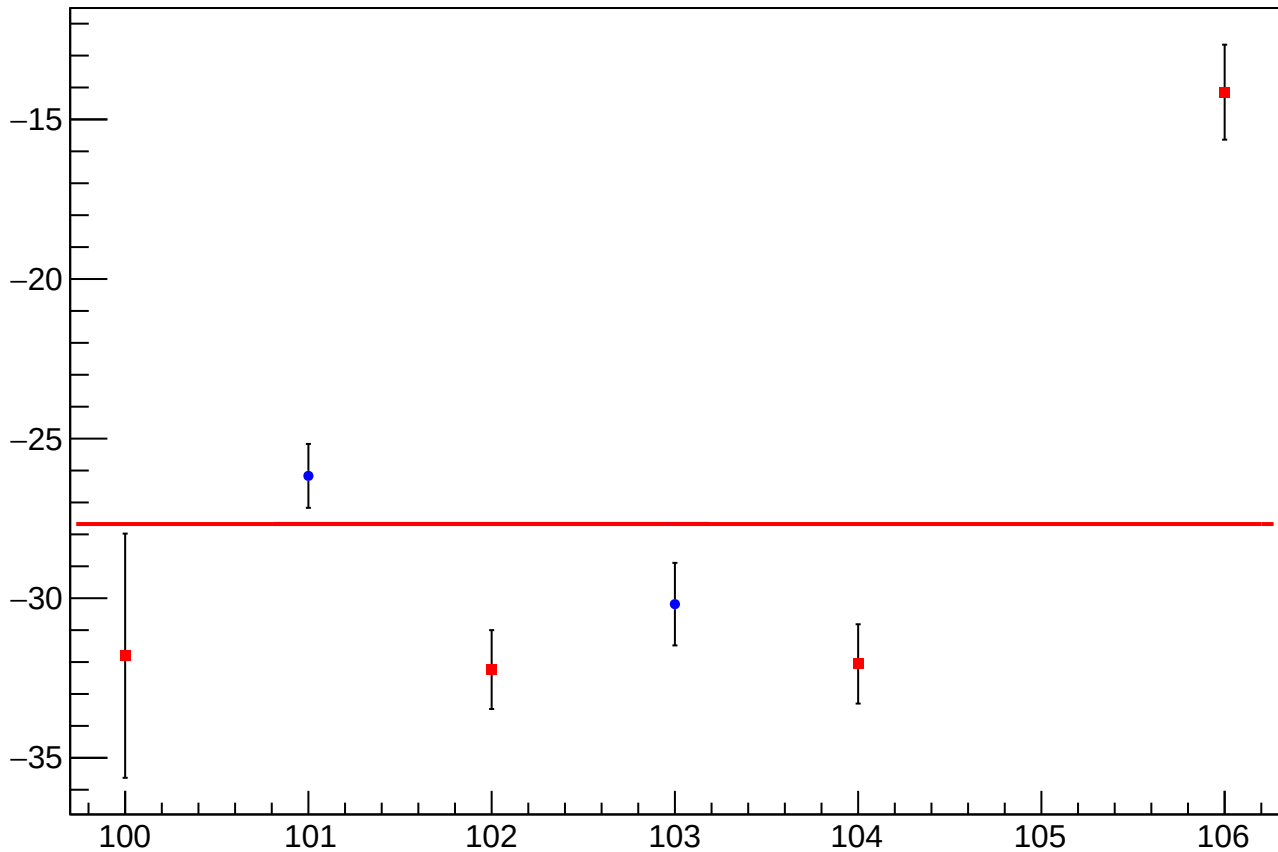
Right: 55.727+/-0.601 χ^2 /NDF: 158.5/5

In: 60.521+/-0.895 χ^2 /NDF: 0.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 55.727+/-0.601 χ^2 /NDF: 158.5/5

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -27.673+/-0.792 χ^2/NDF : 6.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.676+/-0.741 χ^2/NDF : 109.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

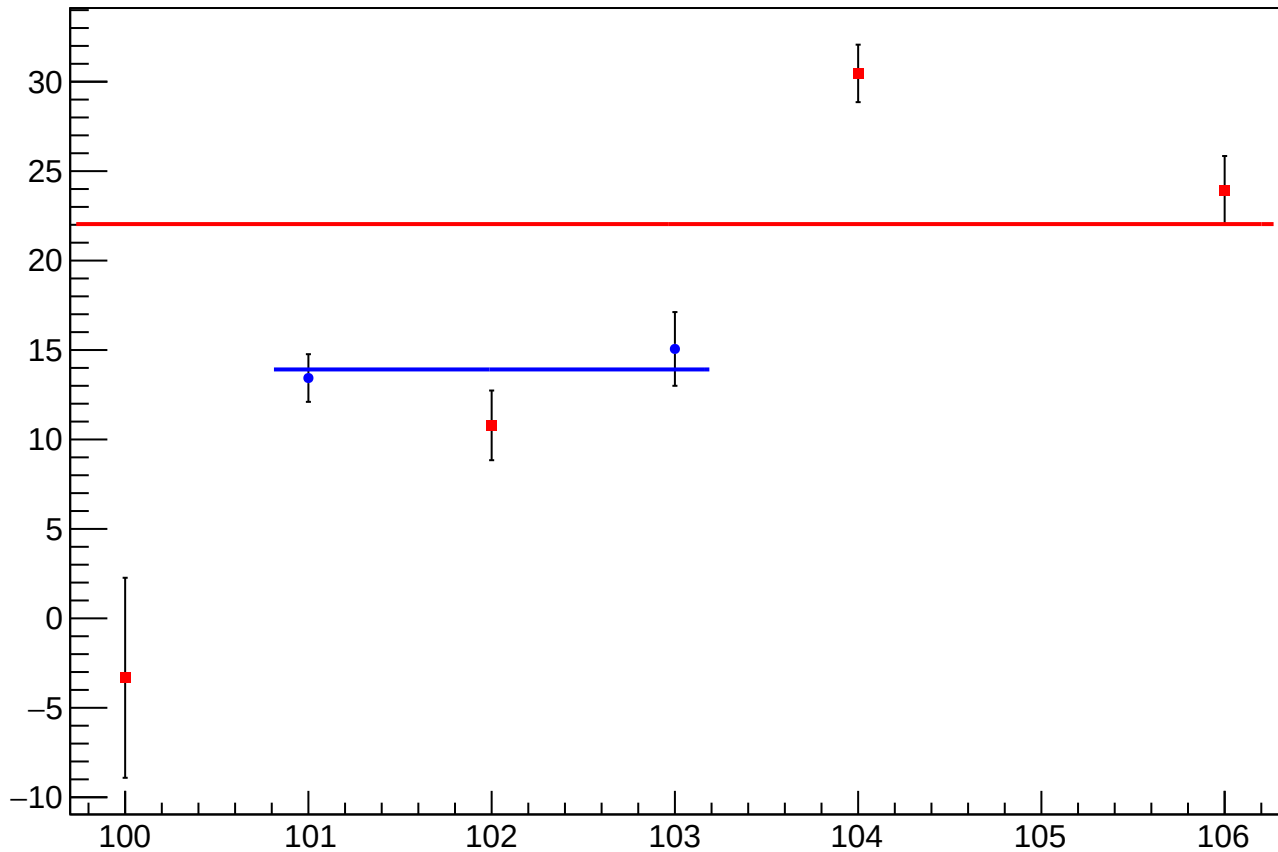
Right: -27.675+/-0.541 χ^2/NDF : 115.9/5

In: -27.673+/-0.792 χ^2/NDF : 6.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.675+/-0.541 χ^2/NDF : 115.9/5

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.914+/-1.119 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.040+/-1.023 χ^2/NDF : 82.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

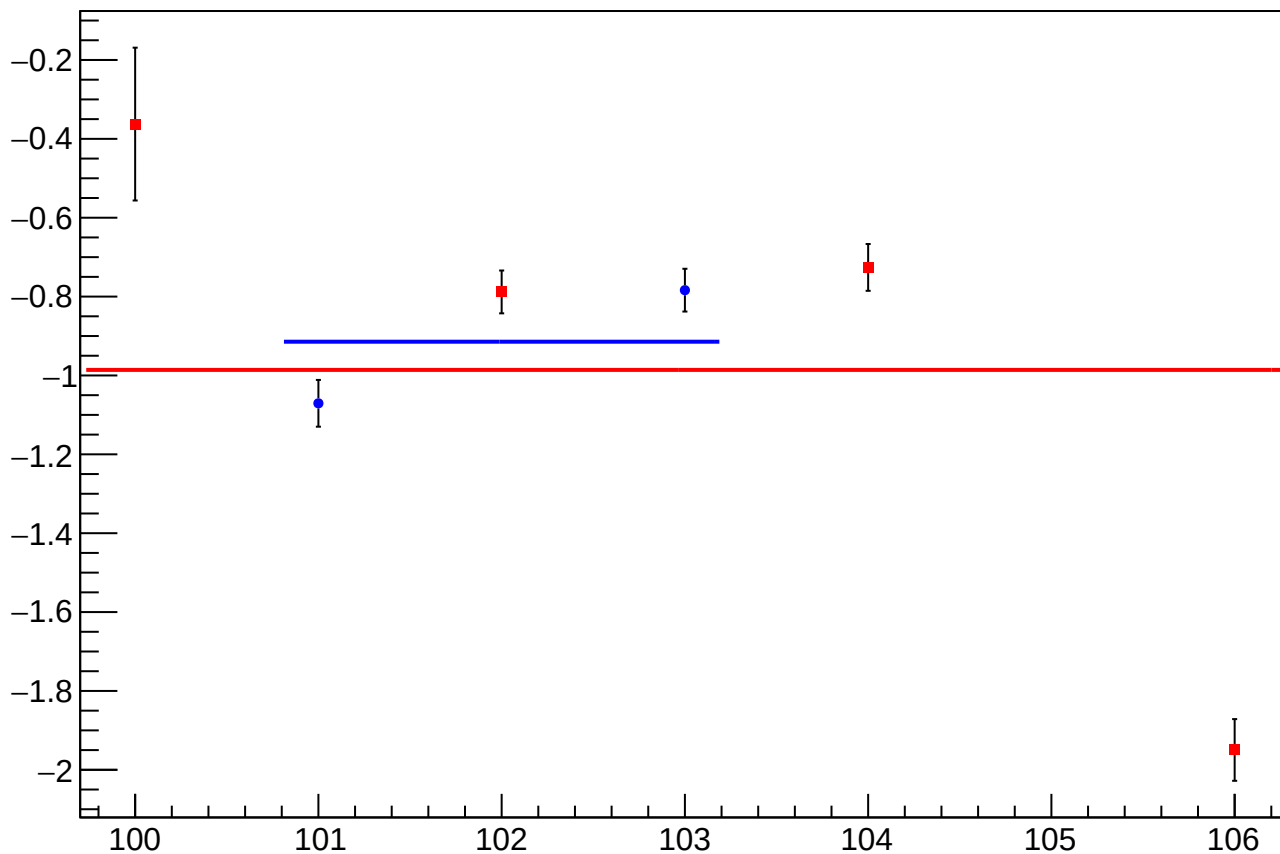
Right: 18.340+/-0.755 χ^2/NDF : 111.6/5

In: 13.914+/-1.119 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.340+/-0.755 χ^2/NDF : 111.6/5

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.914 ± 0.040 χ^2/NDF : 12.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.986 ± 0.035 χ^2/NDF : 194.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

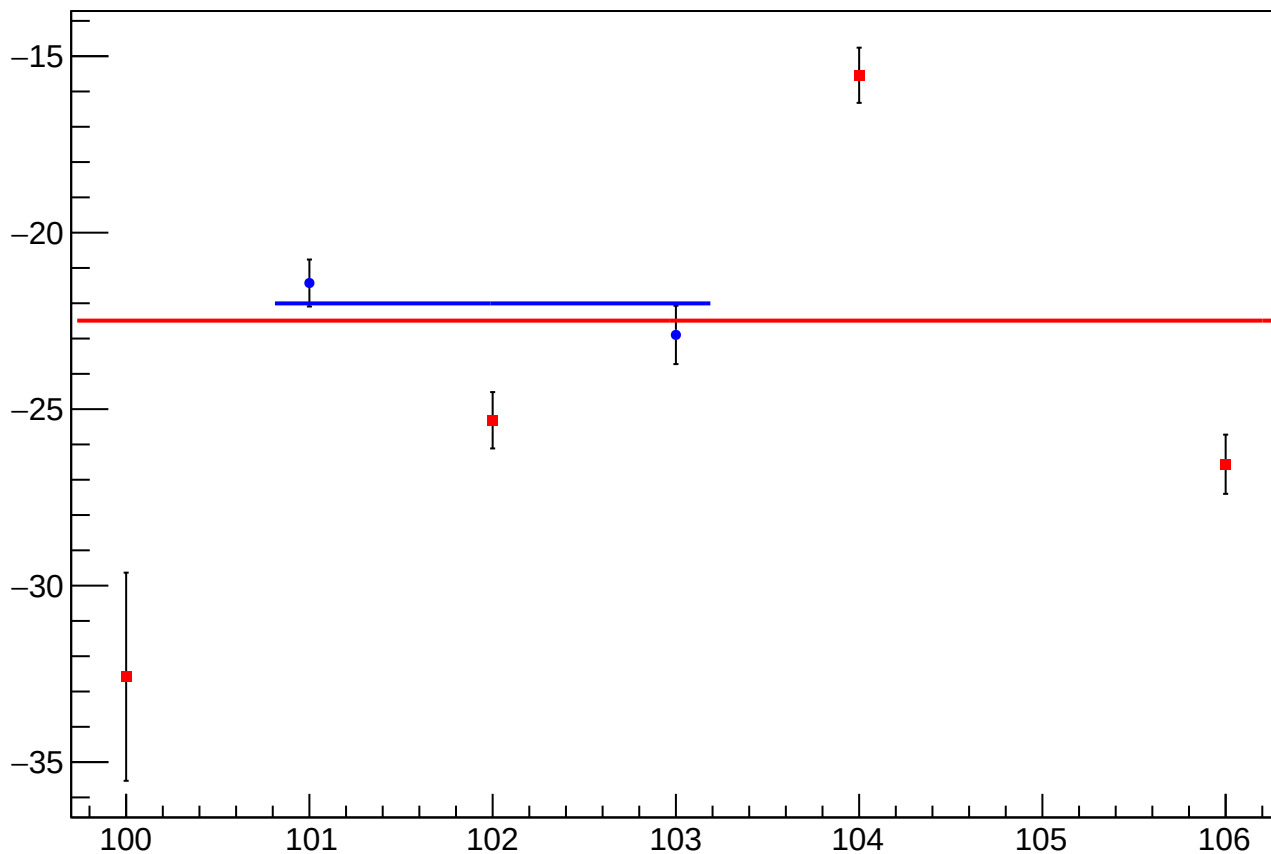
Right: -0.955 ± 0.026 χ^2/NDF : 209.1/5

In: -0.914 ± 0.040 χ^2/NDF : 12.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.955 ± 0.026 χ^2/NDF : 209.1/5

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.004 $\pm$ 0.518 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.492 $\pm$ 0.459 χ^2 /NDF: 126.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

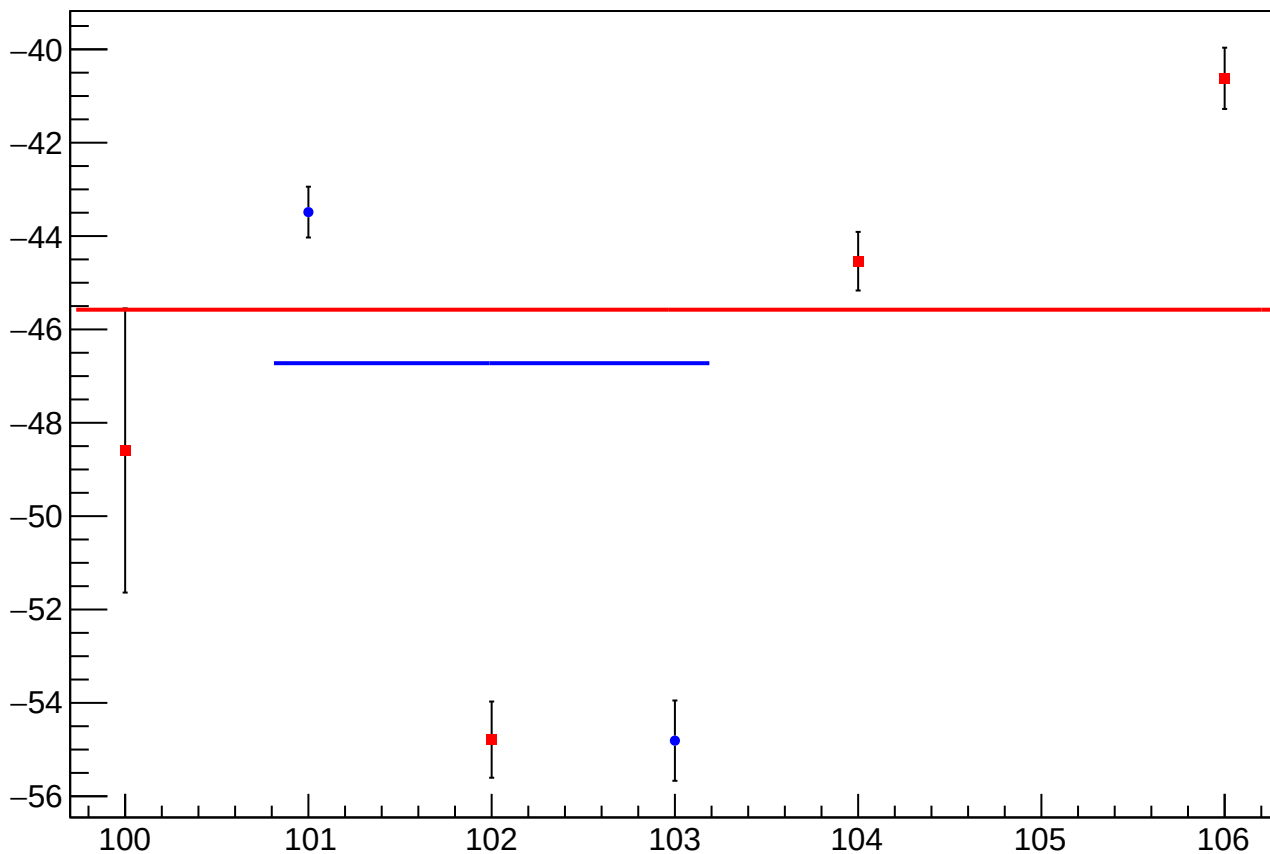
Right: -22.277 $\pm$ 0.344 χ^2 /NDF: 129.2/5

In: -22.004 $\pm$ 0.518 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.277 $\pm$ 0.344 χ^2 /NDF: 129.2/5

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.723+/-0.460 χ^2/NDF : 123.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.577+/-0.393 χ^2/NDF : 188.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

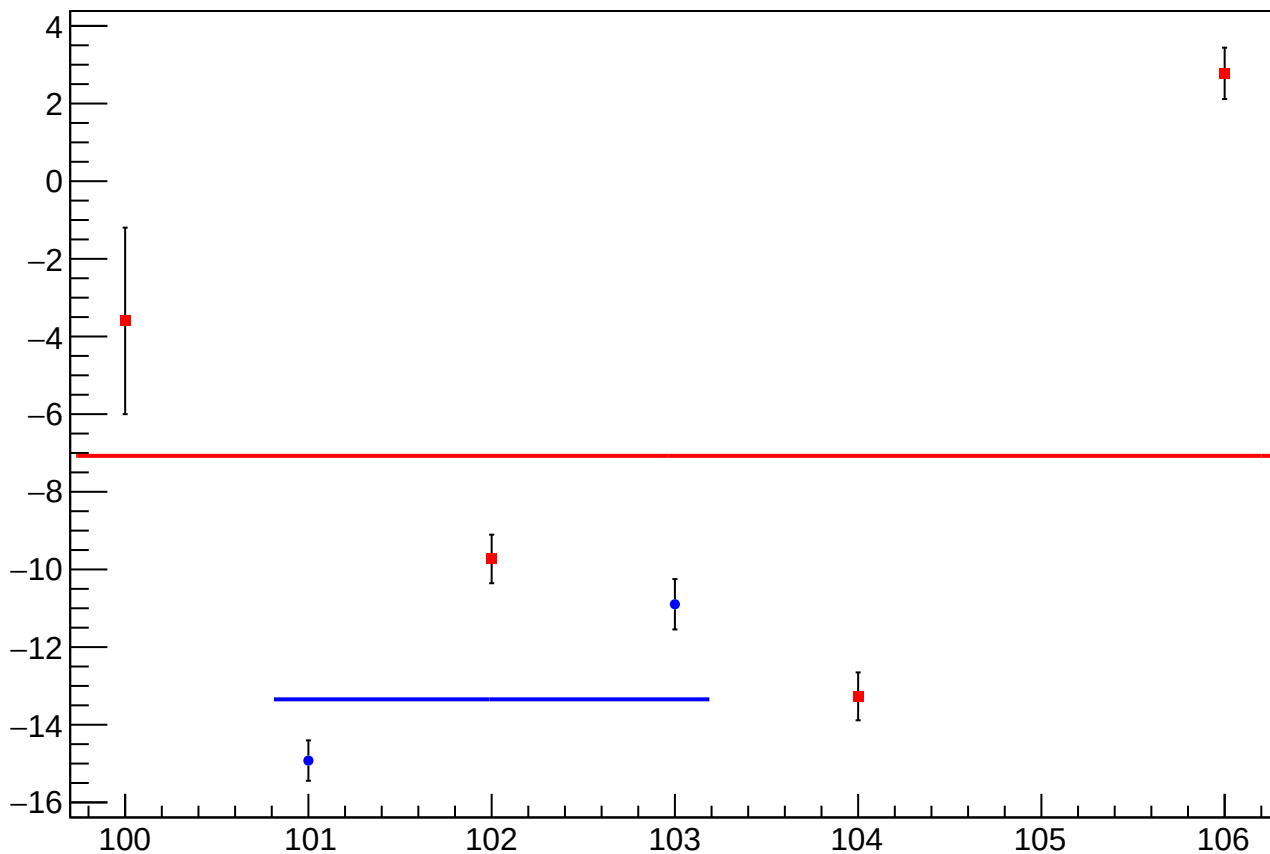
Right: -46.061+/-0.299 χ^2/NDF : 315.4/5

In: -46.723+/-0.460 χ^2/NDF : 123.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.061+/-0.299 χ^2/NDF : 315.4/5

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -13.346 $\pm$ 0.406 χ^2 /NDF: 23.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.074 $\pm$ 0.362 χ^2 /NDF: 342.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

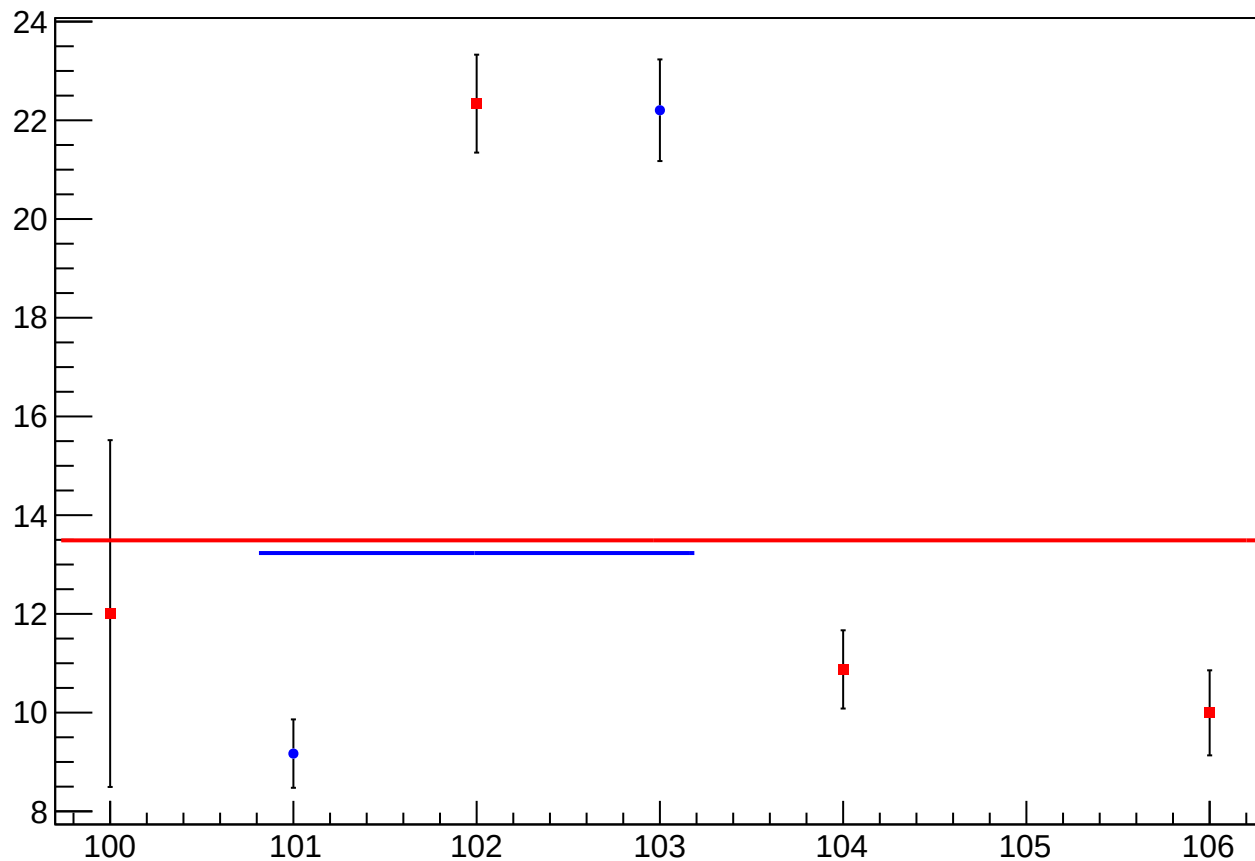
Right: -9.850 $\pm$ 0.270 χ^2 /NDF: 498.9/5

In: -13.346 $\pm$ 0.406 χ^2 /NDF:23.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.850 $\pm$ 0.270 χ^2 /NDF: 498.9/5

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.233+/-0.575 χ^2/NDF : 110.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.490+/-0.498 χ^2/NDF : 107.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

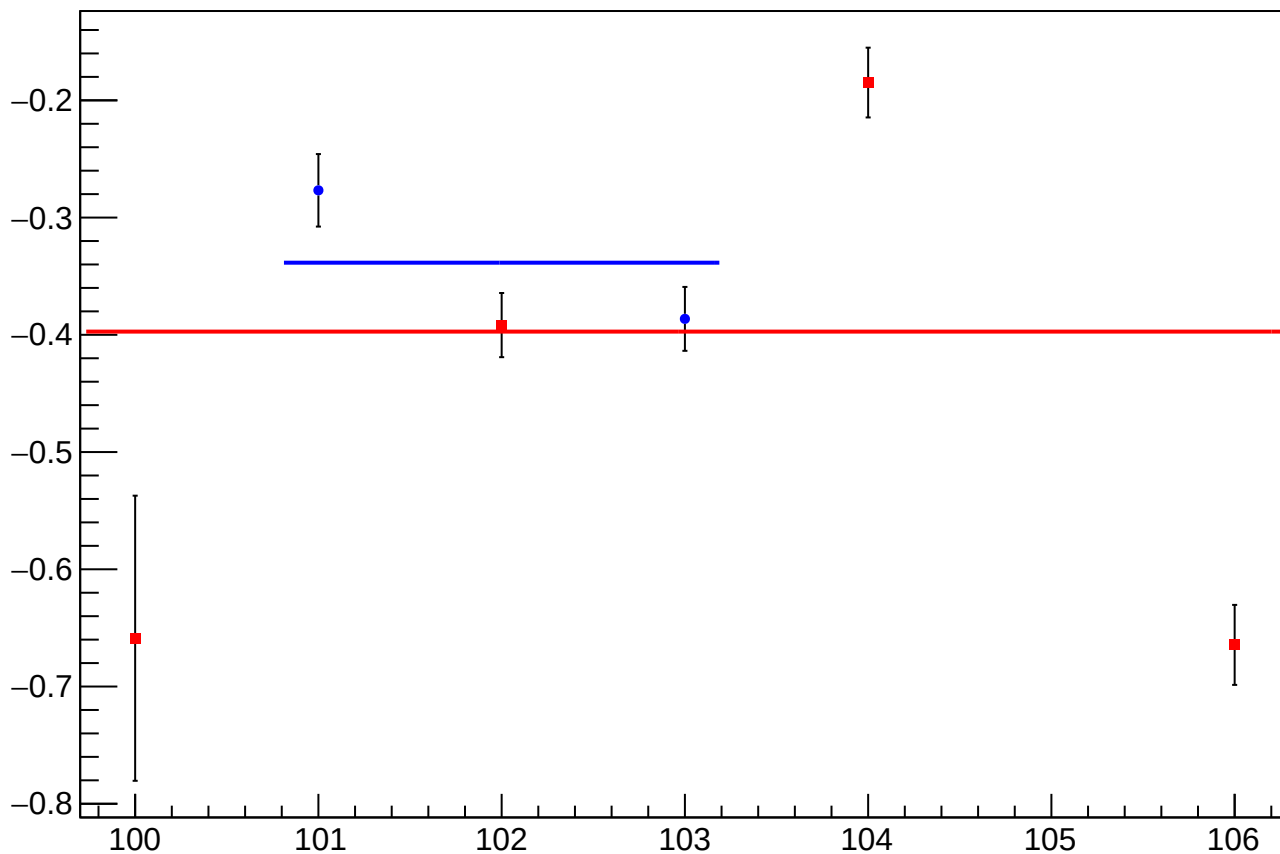
Right: 13.380+/-0.376 χ^2/NDF : 217.5/5

In: 13.233+/-0.575 χ^2/NDF : 110.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.380+/-0.376 χ^2/NDF : 217.5/5

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.338 ± 0.020 χ^2/NDF : 7.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.397 ± 0.017 χ^2/NDF : 117.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

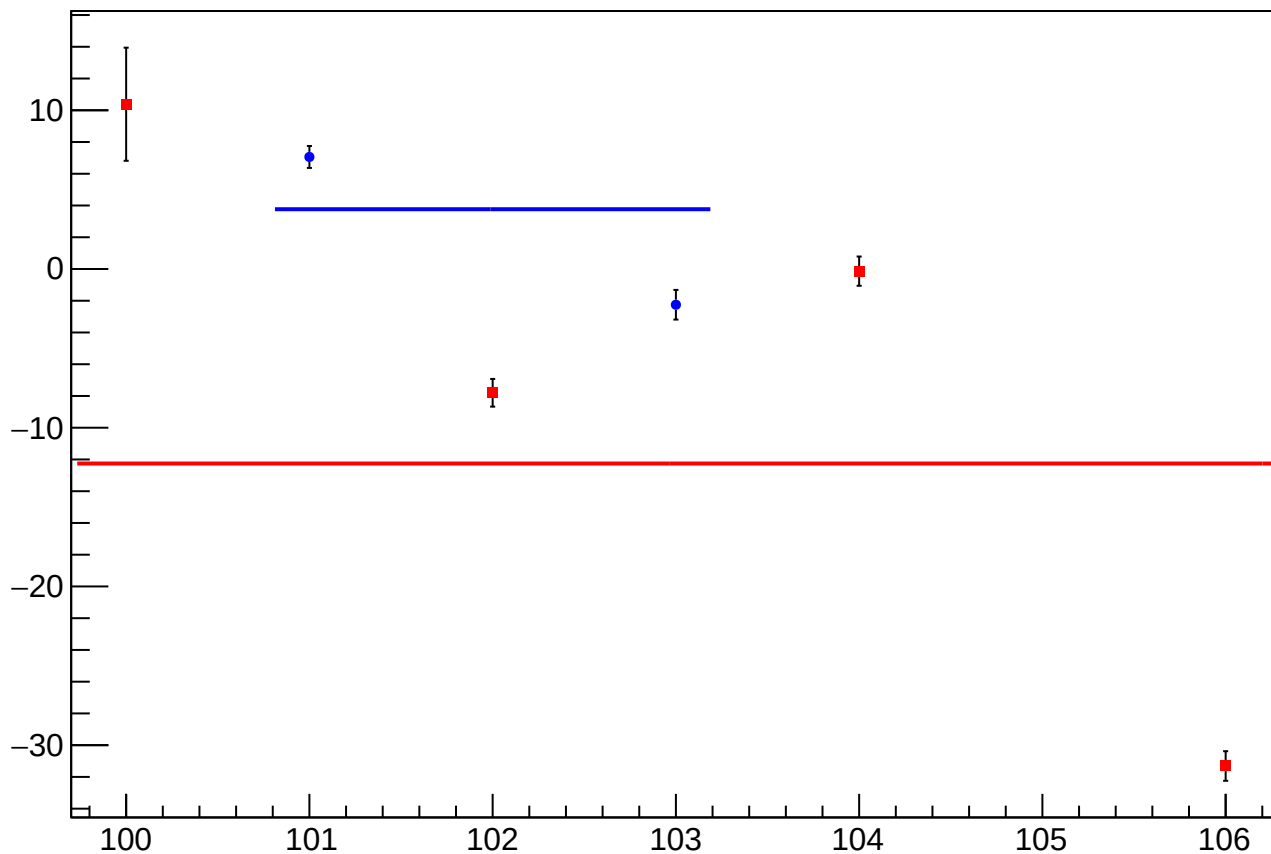
Right: -0.373 ± 0.013 χ^2/NDF : 128.9/5

In: -0.338 ± 0.020 χ^2/NDF : 7.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.373 ± 0.013 χ^2/NDF : 128.9/5

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.766+/-0.555 χ^2/NDF : 64.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.256+/-0.518 χ^2/NDF : 657.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

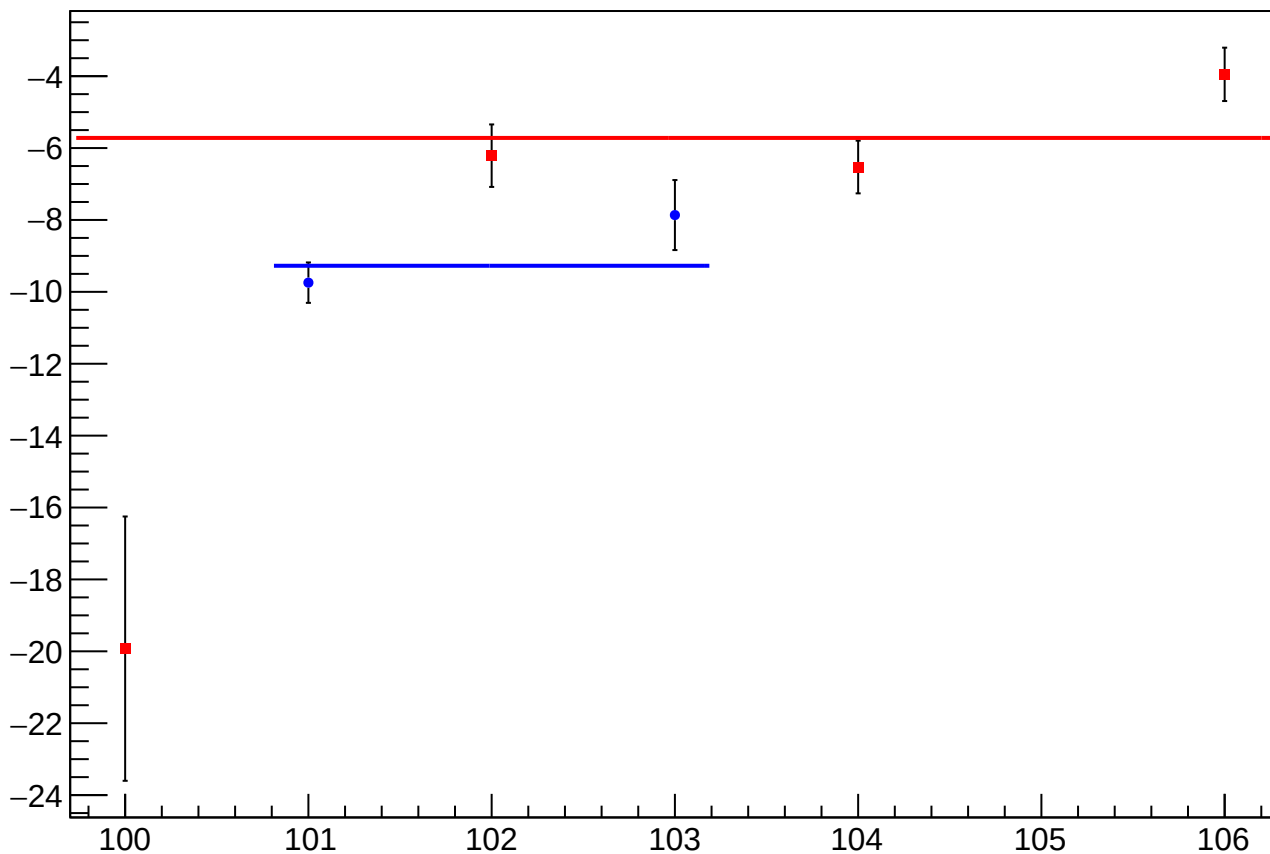
Right: -4.796+/-0.379 χ^2/NDF : 1165.9/5

In: 3.766+/-0.555 χ^2/NDF : 64.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.796+/-0.379 χ^2/NDF : 1165.9/5

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.275+/-0.487 χ^2/NDF : 2.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.718+/-0.444 χ^2/NDF : 22.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

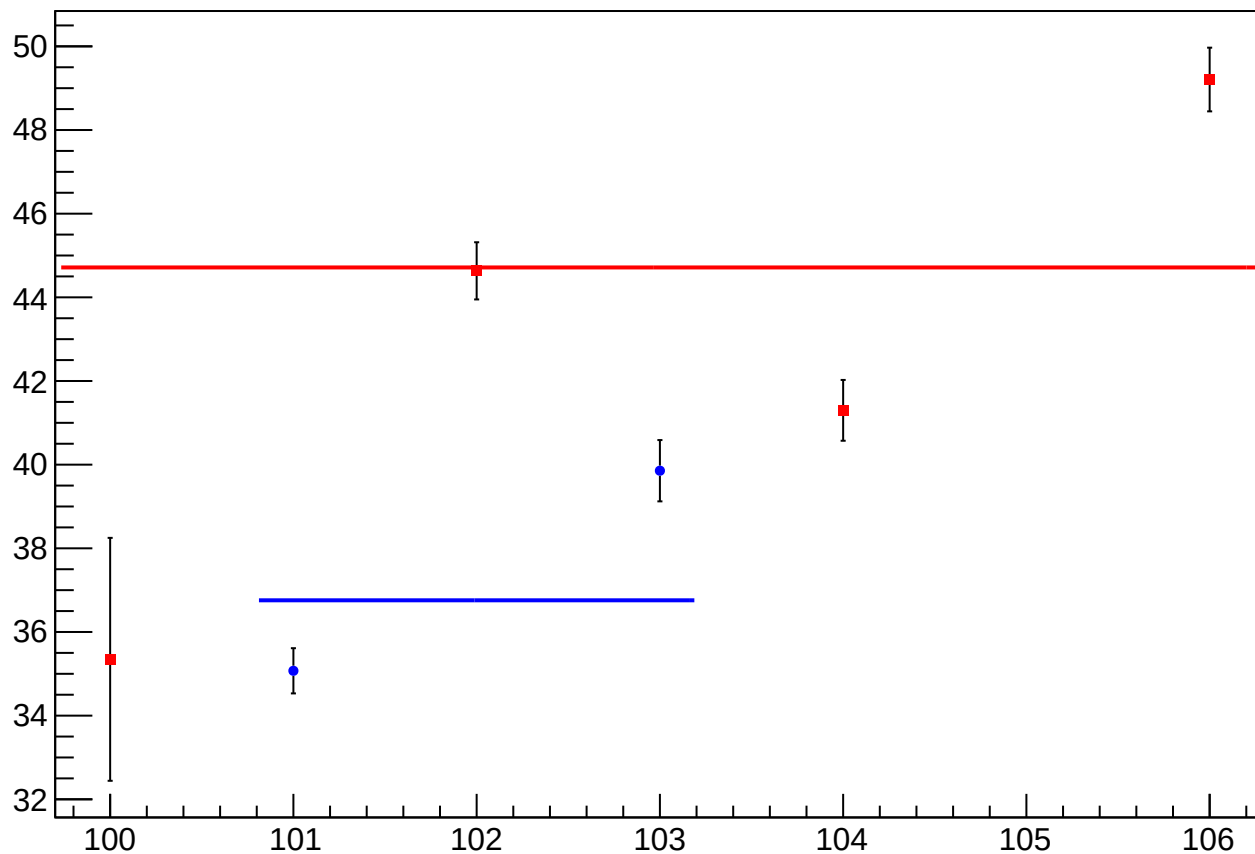
Right: -7.333+/-0.328 χ^2/NDF : 54.1/5

In: -9.275+/-0.487 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.333+/-0.328 χ^2/NDF : 54.1/5

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.757+/-0.435 χ^2 /NDF: 27.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 44.714+/-0.412 χ^2 /NDF: 67.3/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

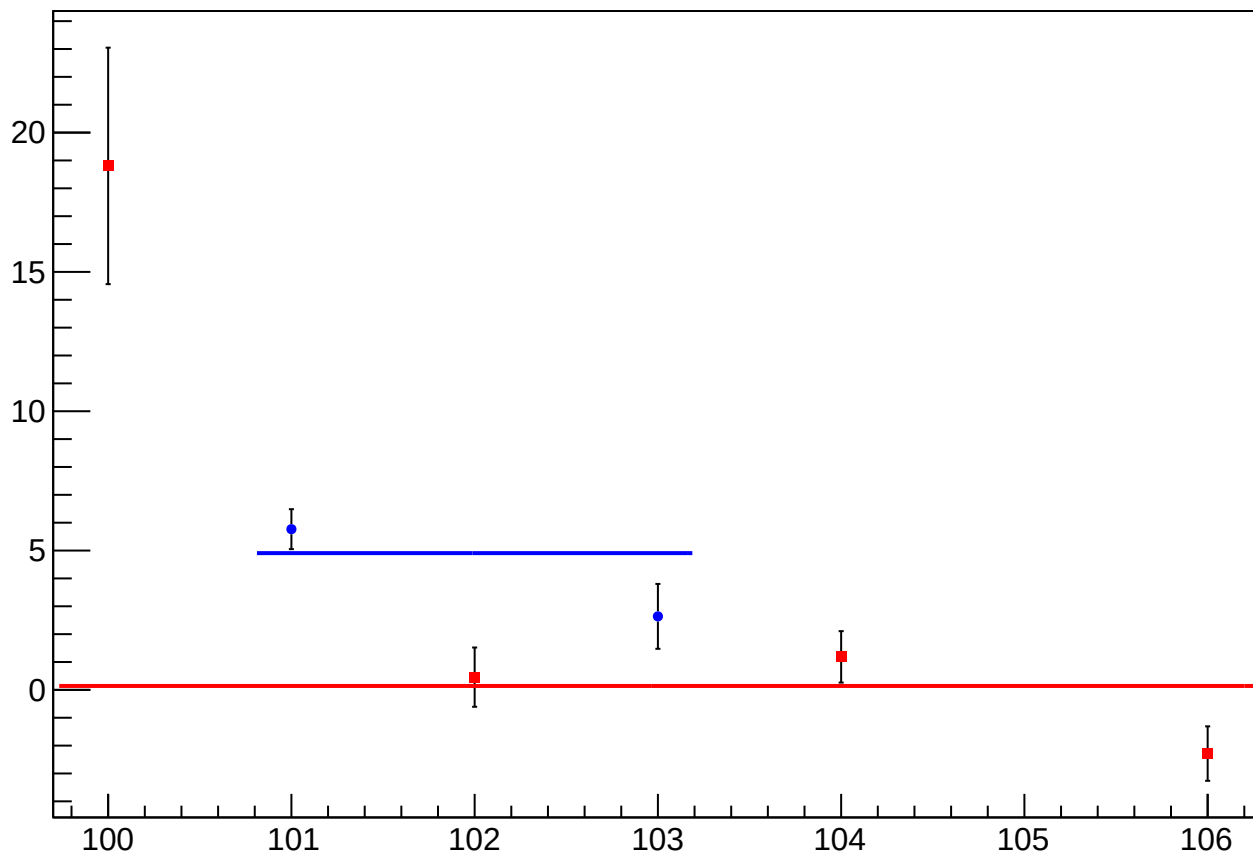
Right: 40.947+/-0.299 χ^2 /NDF: 271.2/5

In: 36.757+/-0.435 χ^2 /NDF:27.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.947+/-0.299 χ^2 /NDF: 271.2/5

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.908+/-0.610 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.141+/-0.562 χ^2/NDF : 26.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

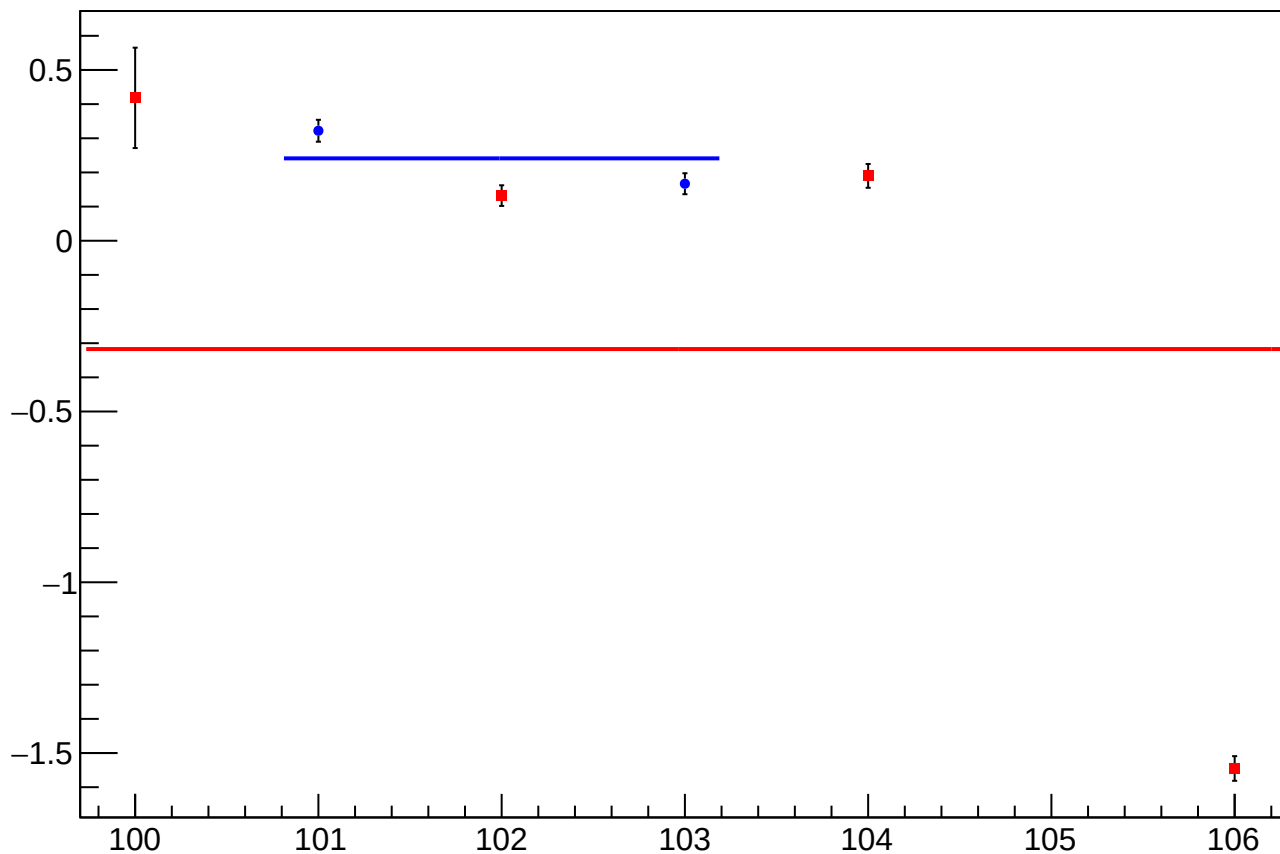
Right: 2.330+/-0.414 χ^2/NDF : 65.1/5

In: 4.908+/-0.610 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.330+/-0.414 χ^2/NDF : 65.1/5

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.241 $\pm$ 0.022 χ^2 /NDF: 12.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.317 $\pm$ 0.019 χ^2 /NDF: 1617.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

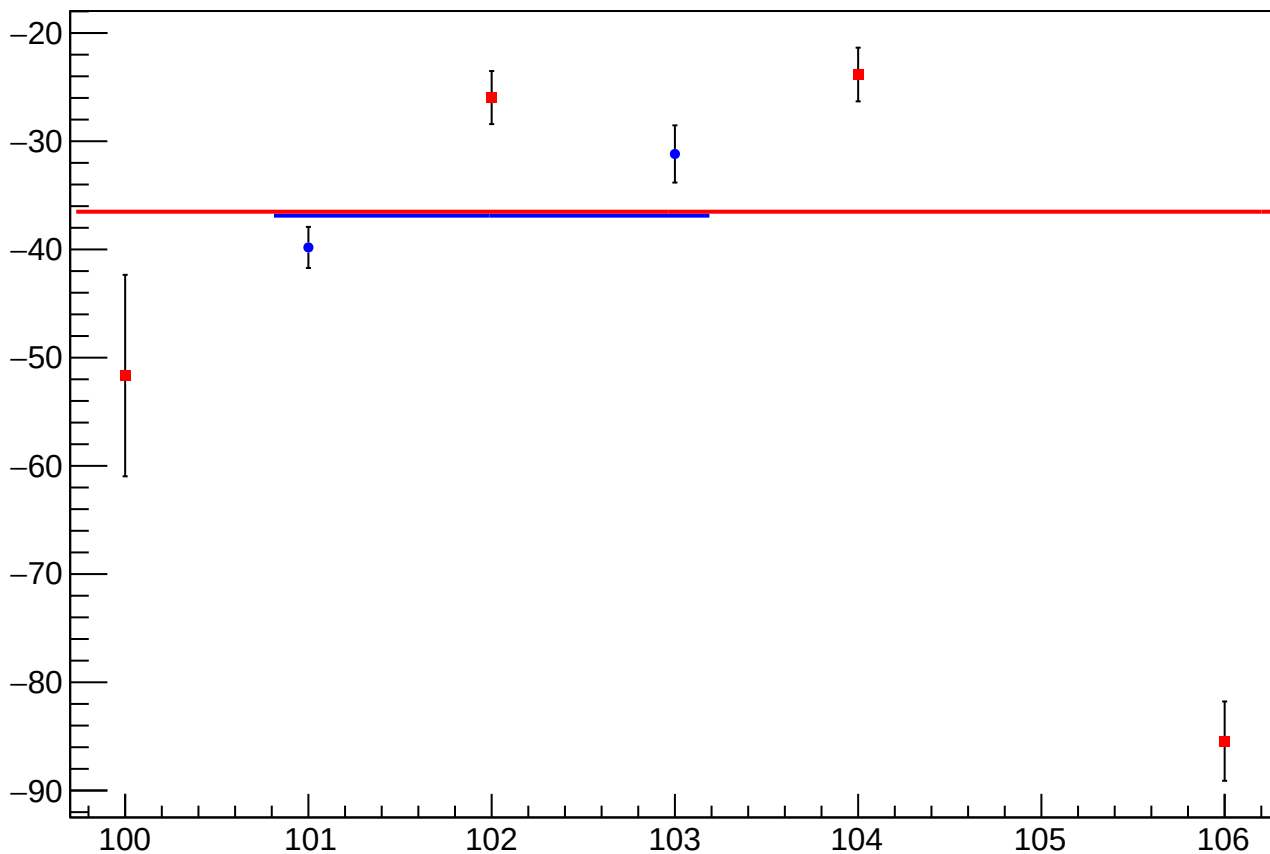
Right: -0.079 $\pm$ 0.014 χ^2 /NDF: 1992.7/5

In: 0.241 $\pm$ 0.022 χ^2 /NDF:12.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.079 $\pm$ 0.014 χ^2 /NDF: 1992.7/5

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.875 $\pm$ 1.542 χ^2 /NDF: 7.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.512 $\pm$ 1.553 χ^2 /NDF: 225.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

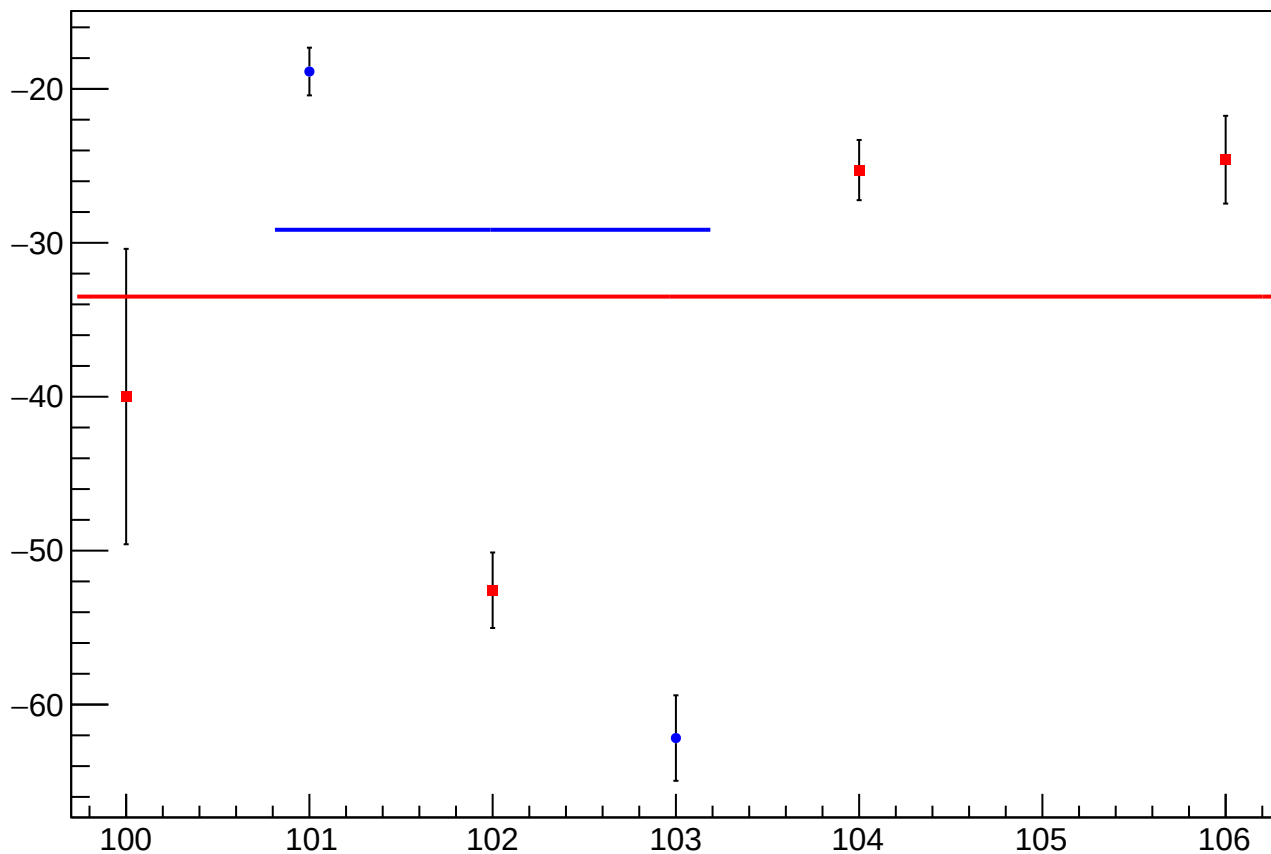
Right: -36.695 $\pm$ 1.094 χ^2 /NDF: 232.4/5

In: -36.875 $\pm$ 1.542 χ^2 /NDF:7.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.695 $\pm$ 1.094 χ^2 /NDF: 232.4/5

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.152 $\pm$ 1.353 χ^2 /NDF: 185.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.493 $\pm$ 1.335 χ^2 /NDF: 88.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

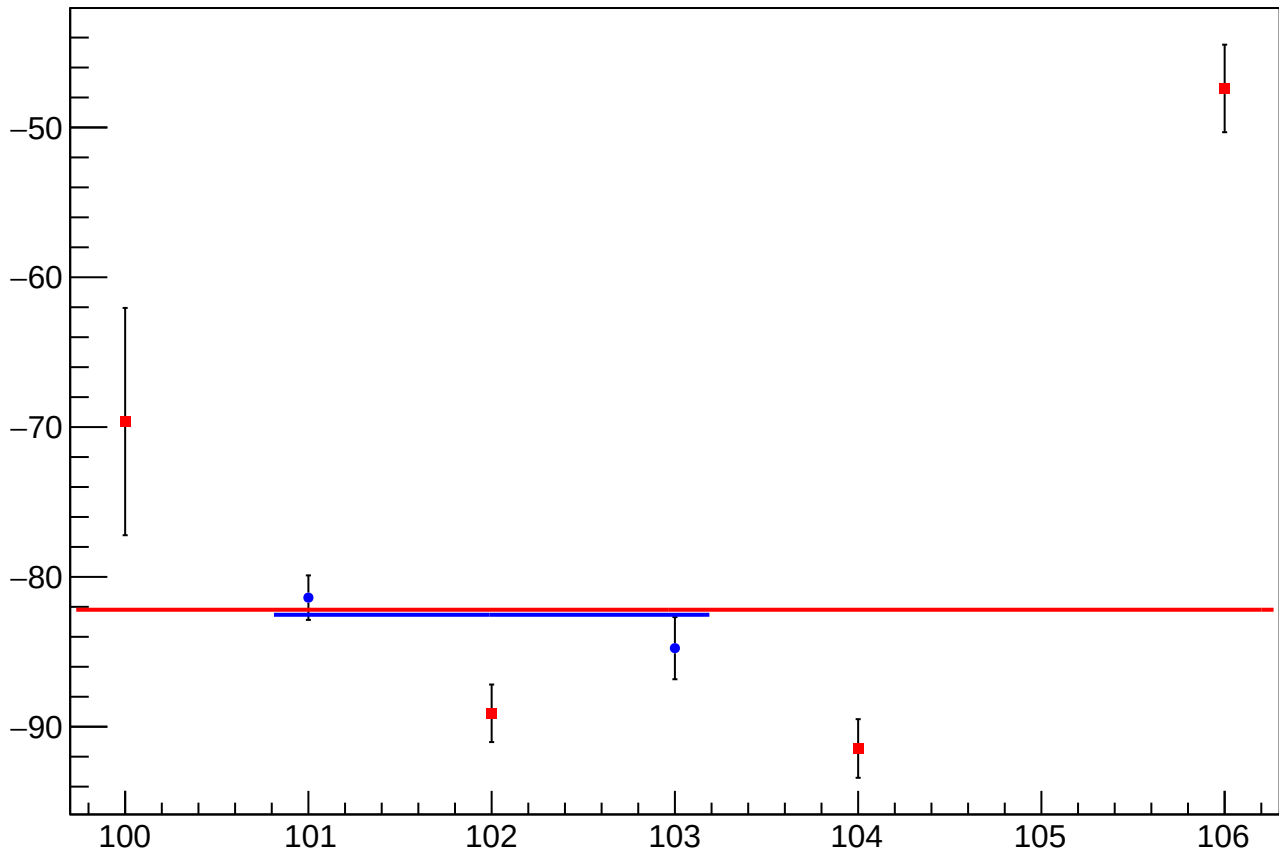
Right: -31.353 $\pm$ 0.950 χ^2 /NDF: 279.0/5

In: -29.152 $\pm$ 1.353 χ^2 /NDF:185.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.353 $\pm$ 0.950 χ^2 /NDF: 279.0/5

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.528+/-1.208 χ^2/NDF : 1.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.192+/-1.225 χ^2/NDF : 179.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

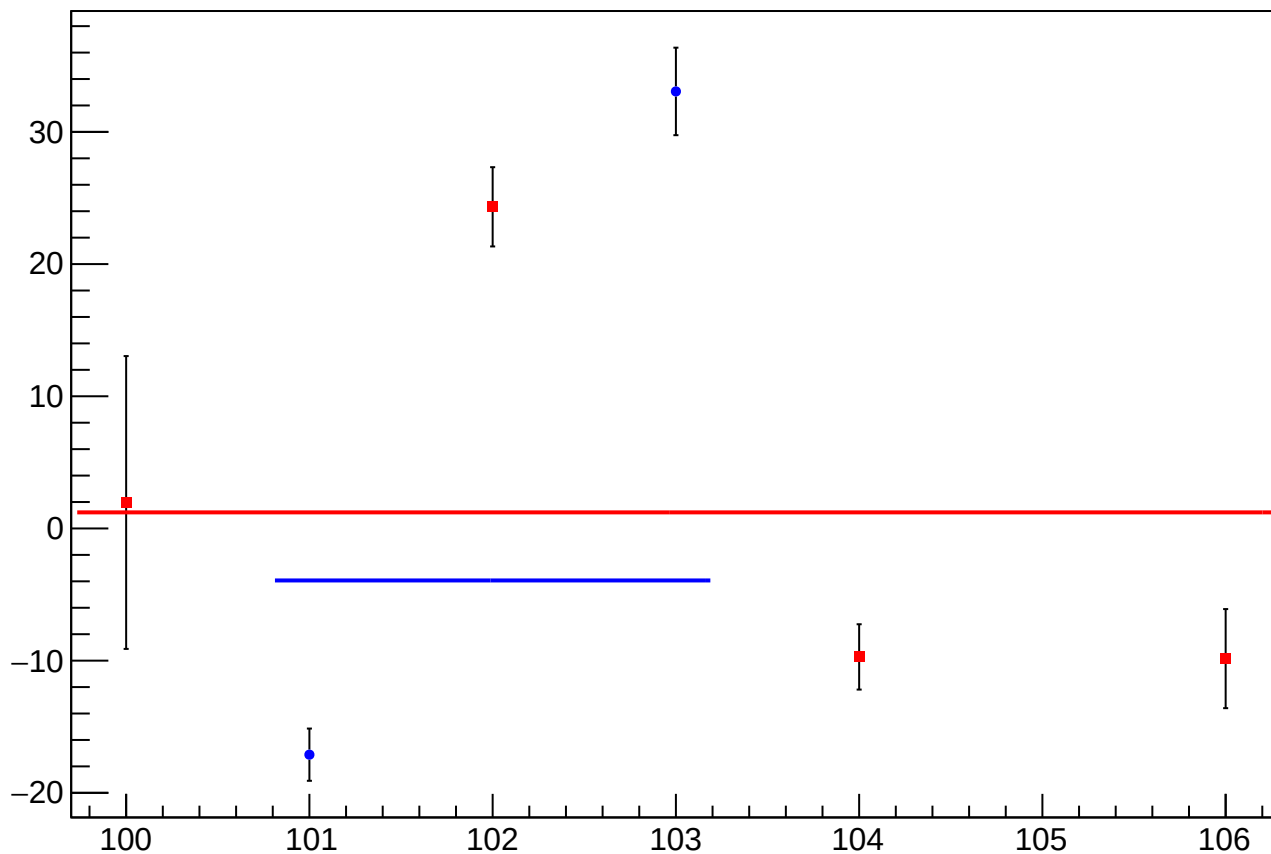
Right: -82.362+/-0.860 χ^2/NDF : 181.7/5

In: -82.528+/-1.208 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.362+/-0.860 χ^2/NDF : 181.7/5

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.933+/-1.697 χ^2 /NDF: 169.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.216+/-1.680 χ^2 /NDF: 87.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

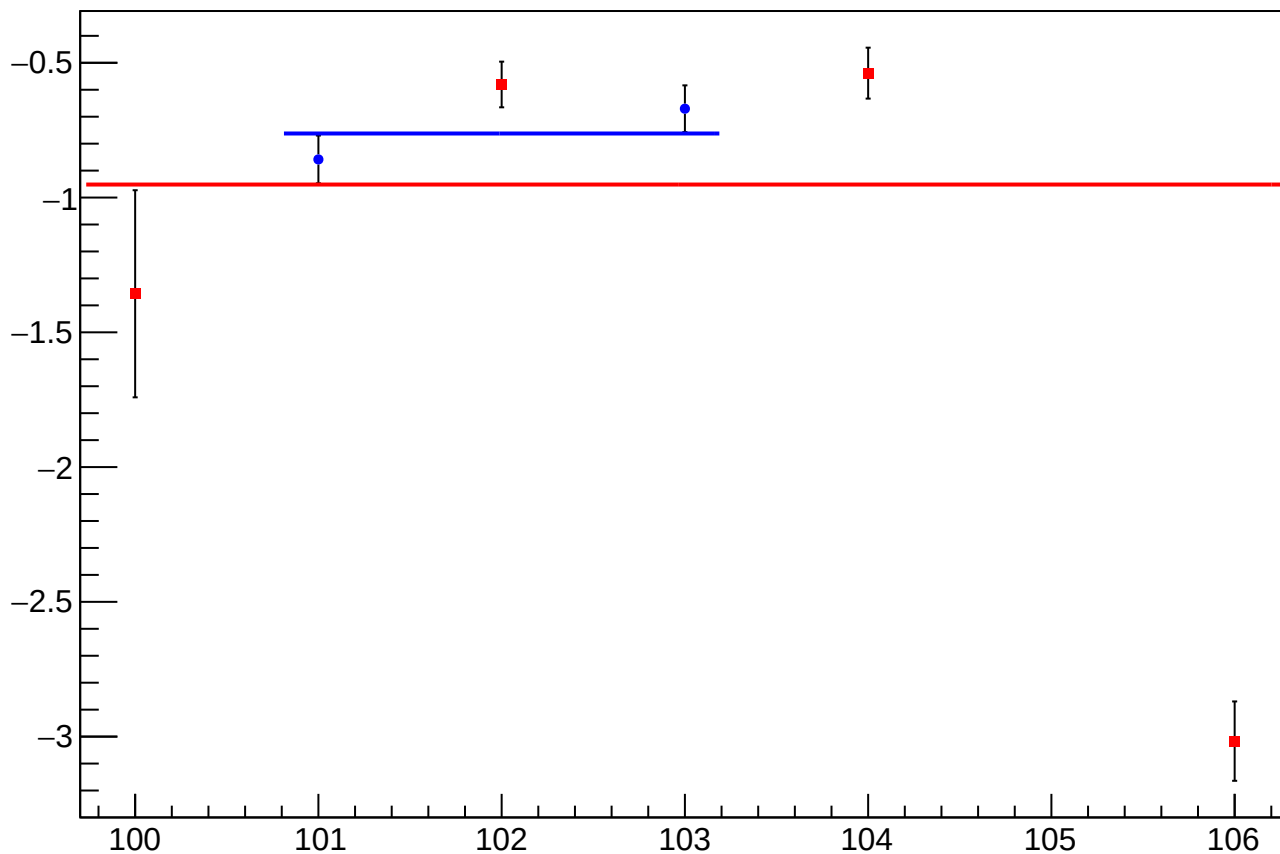
Right: -1.333+/-1.194 χ^2 /NDF: 261.8/5

In: -3.933+/-1.697 χ^2 /NDF:169.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.333+/-1.194 χ^2 /NDF: 261.8/5

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.762 ± 0.062 χ^2/NDF : 2.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.952 ± 0.057 χ^2/NDF : 236.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

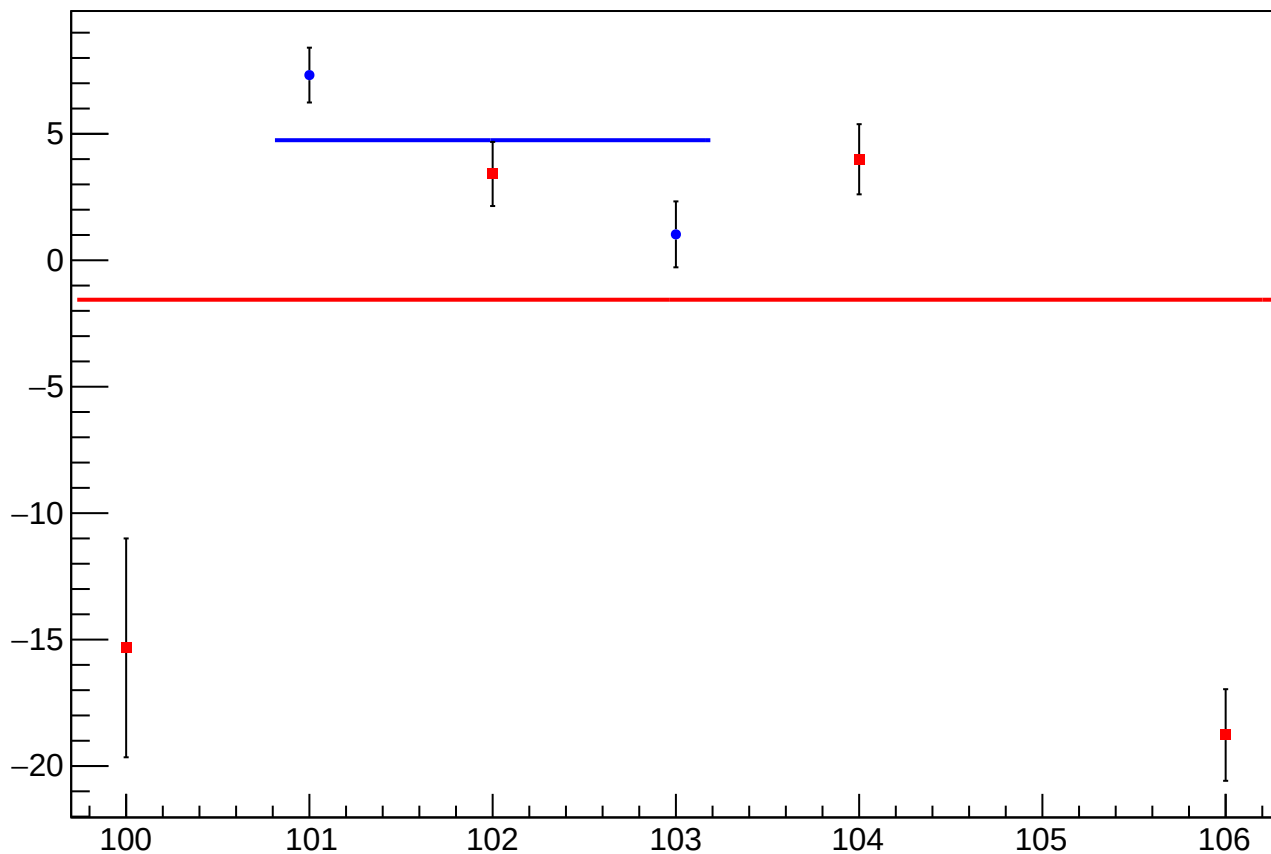
Right: -0.864 ± 0.042 χ^2/NDF : 243.5/5

In: -0.762 ± 0.062 χ^2/NDF : 2.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.864 ± 0.042 χ^2/NDF : 243.5/5

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.748 $\pm$ 0.834 χ^2 /NDF: 13.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.560 $\pm$ 0.816 χ^2 /NDF: 131.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

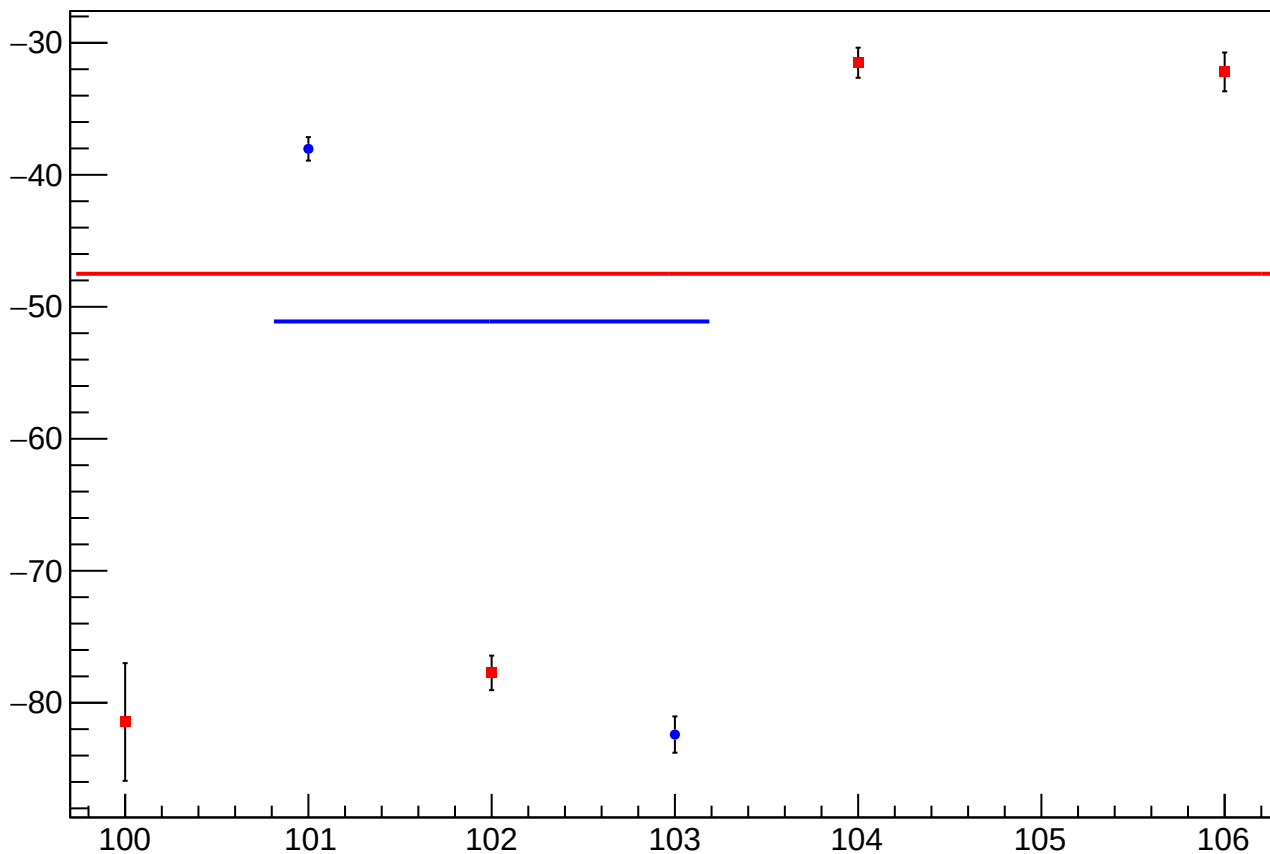
Right: 1.529 $\pm$ 0.583 χ^2 /NDF: 174.9/5

In: 4.748 $\pm$ 0.834 χ^2 /NDF: 13.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.529 $\pm$ 0.583 χ^2 /NDF: 174.9/5

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.111 $\pm$ 0.747 χ^2 /NDF: 733.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.497 $\pm$ 0.732 χ^2 /NDF: 896.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

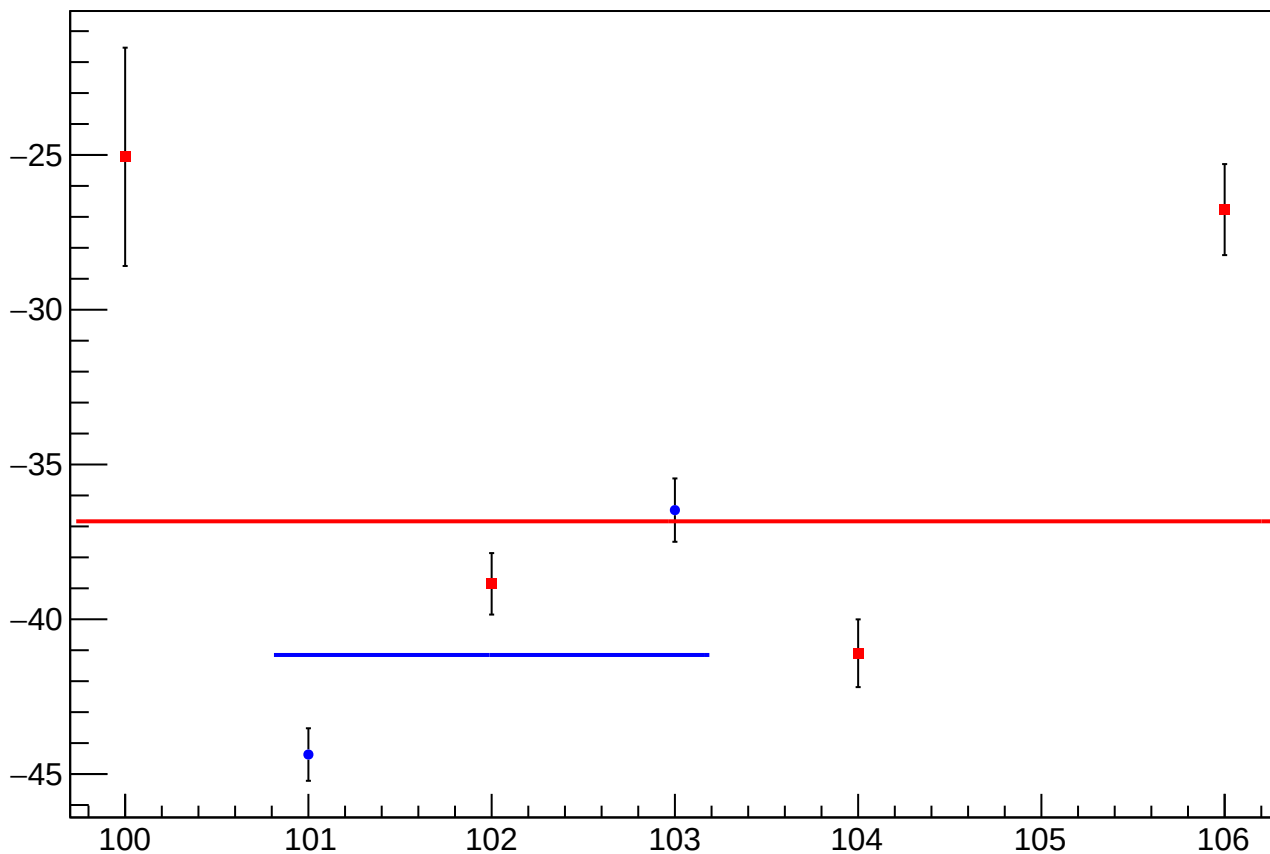
Right: -49.268 $\pm$ 0.523 χ^2 /NDF: 1641.9/5

In: -51.111 $\pm$ 0.747 χ^2 /NDF:733.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -49.268 $\pm$ 0.523 χ^2 /NDF: 1641.9/5

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.153+/-0.653 χ^2/NDF : 35.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.835+/-0.647 χ^2/NDF : 77.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

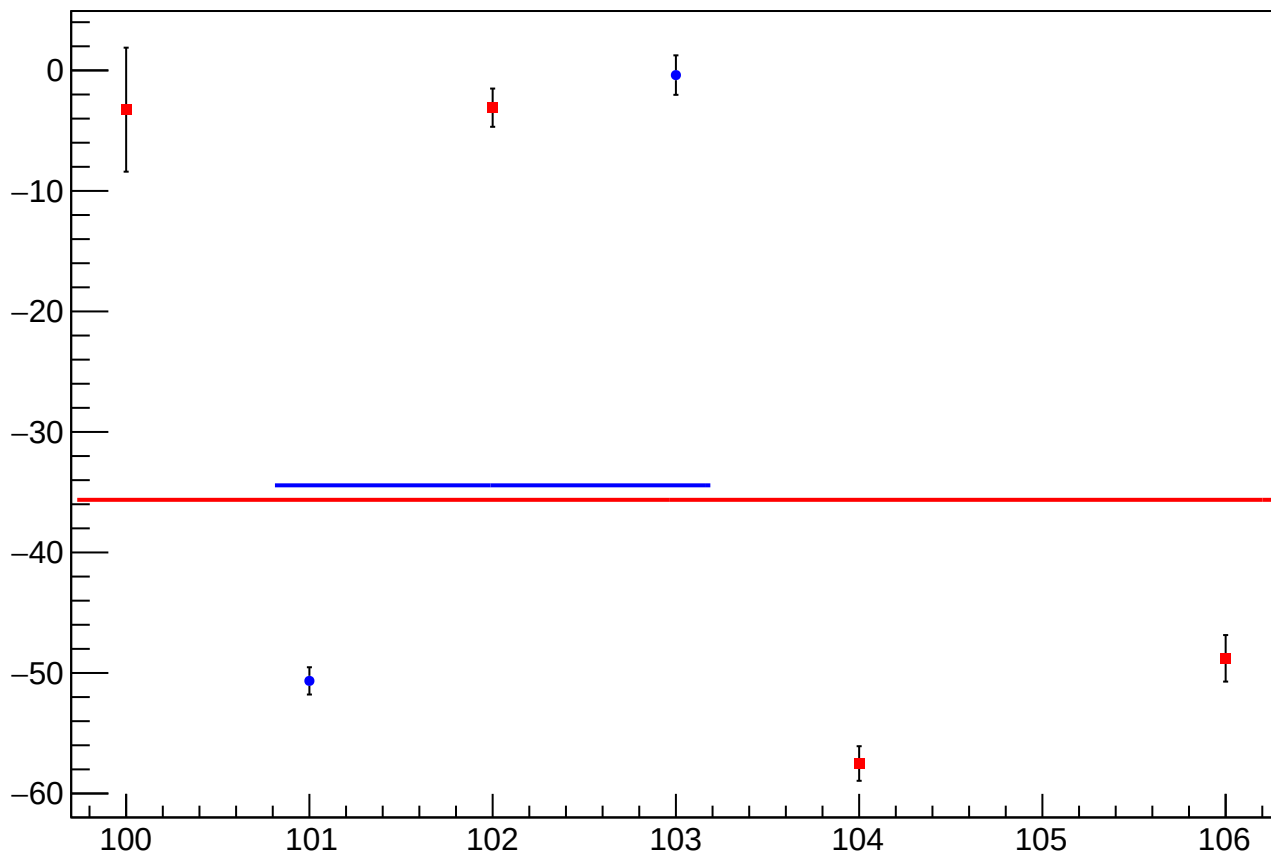
Right: -38.973+/-0.460 χ^2/NDF : 134.7/5

In: -41.153+/-0.653 χ^2/NDF : 35.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.973+/-0.460 χ^2/NDF : 134.7/5

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.430 ± 0.931 χ^2/NDF : 637.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.632 ± 0.917 χ^2/NDF : 739.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

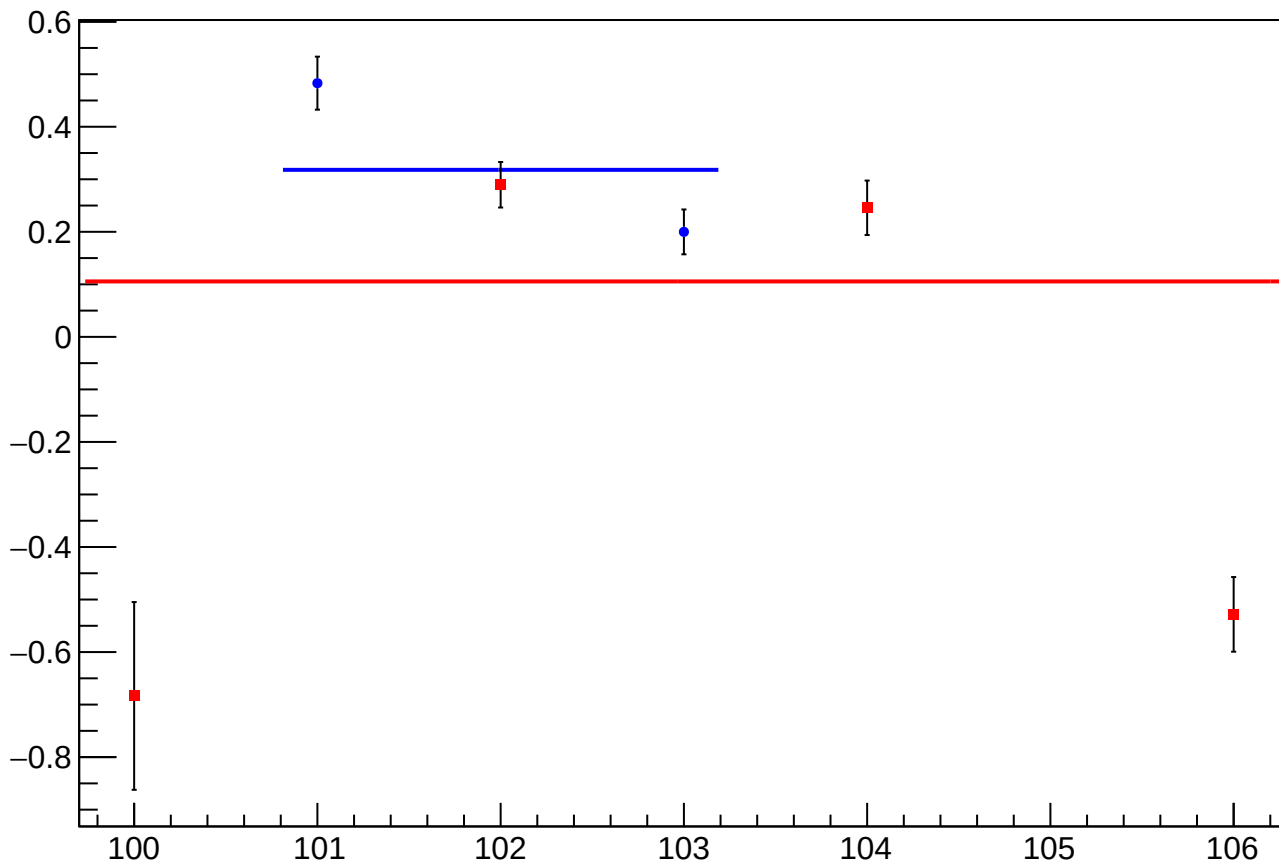
Right: -35.040 ± 0.653 χ^2/NDF : 1377.1/5

In: -34.430 ± 0.931 χ^2/NDF : 637.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.040 ± 0.653 χ^2/NDF : 1377.1/5

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.318 $\pm$ 0.033 χ^2 /NDF: 18.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.106 $\pm$ 0.030 χ^2 /NDF: 124.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

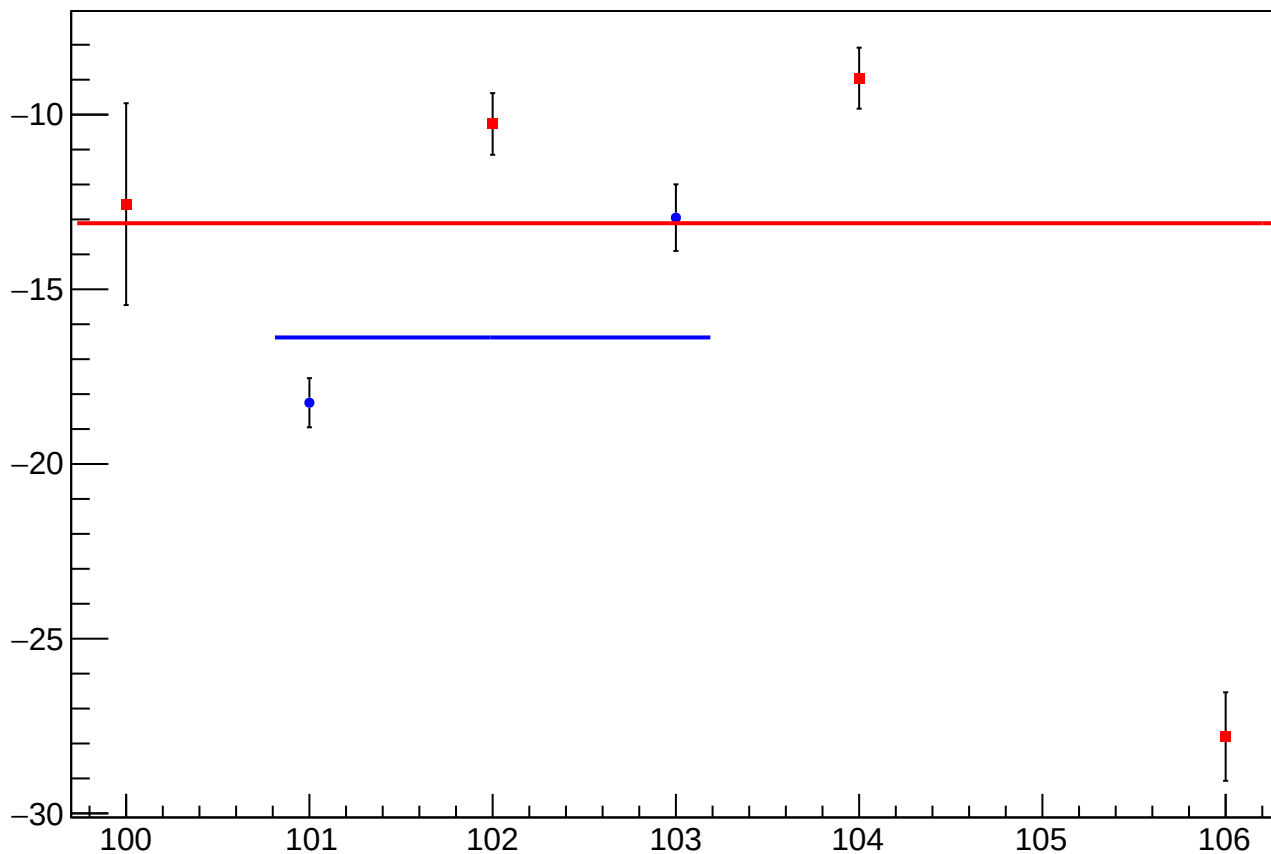
Right: 0.202 $\pm$ 0.022 χ^2 /NDF: 166.0/5

In: 0.318 $\pm$ 0.033 χ^2 /NDF:18.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.202 $\pm$ 0.022 χ^2 /NDF: 166.0/5

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.378 $\pm$ 0.566 χ^2 /NDF: 20.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.108 $\pm$ 0.547 χ^2 /NDF: 167.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

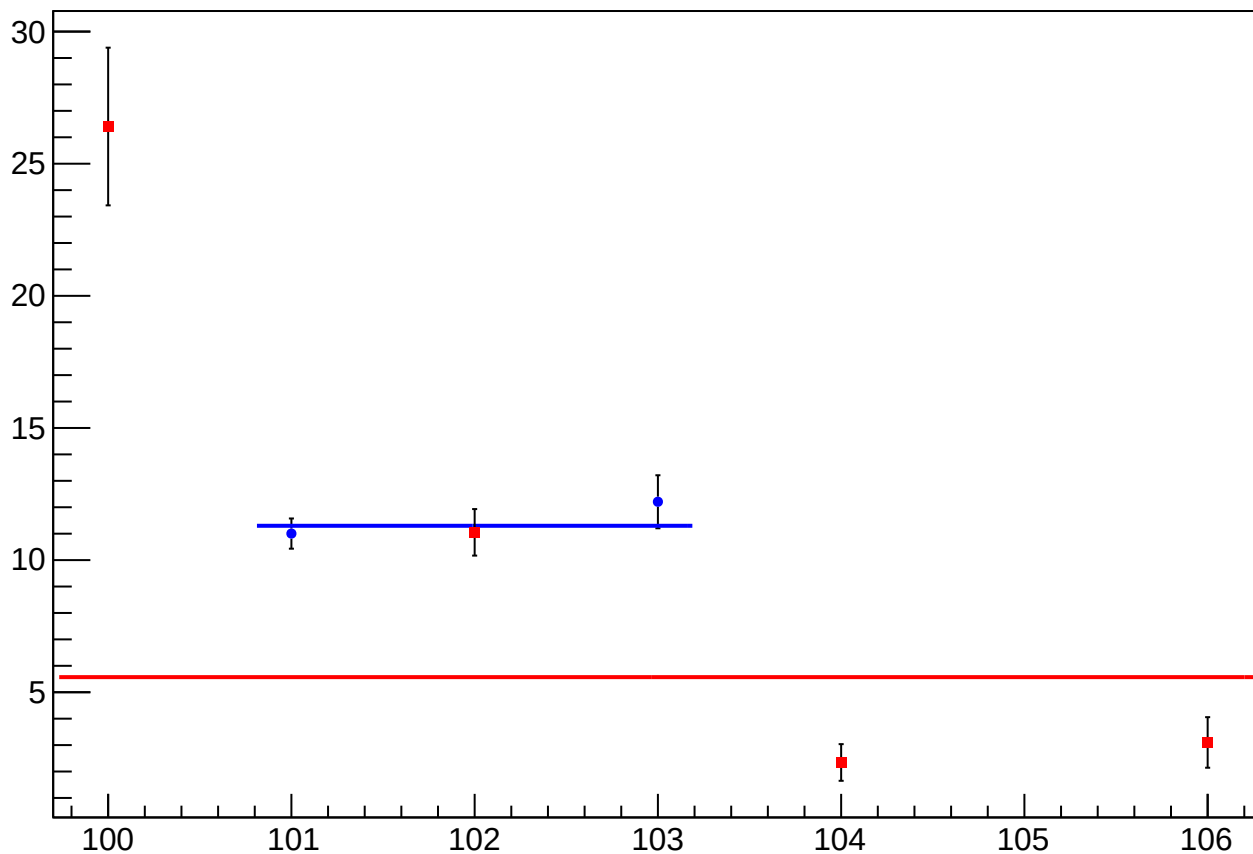
Right: -14.687 $\pm$ 0.393 χ^2 /NDF: 204.9/5

In: -16.378 $\pm$ 0.566 χ^2 /NDF: 20.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.687 $\pm$ 0.393 χ^2 /NDF: 204.9/5

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.299+/-0.497 χ^2 /NDF: 1.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.572+/-0.468 χ^2 /NDF: 115.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

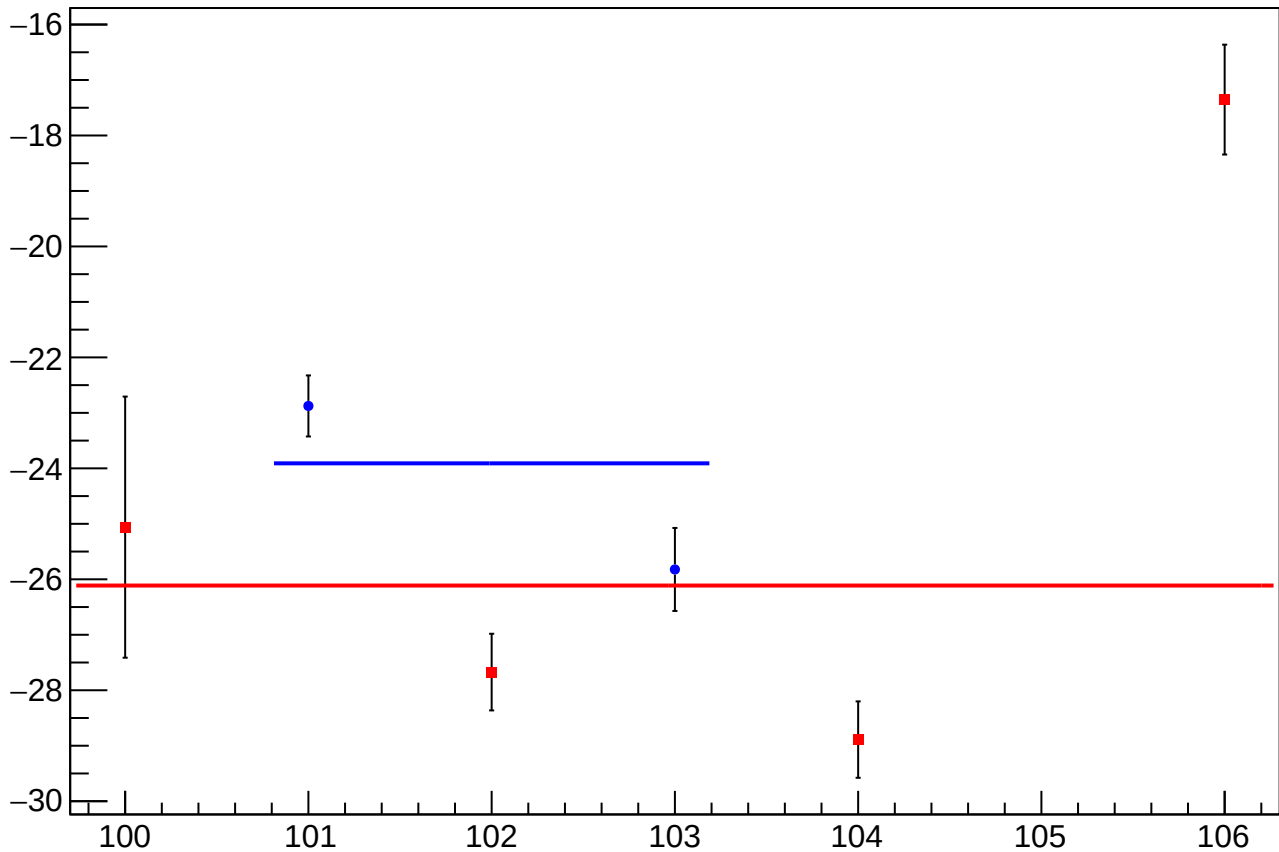
Right: 8.262+/-0.340 χ^2 /NDF: 187.4/5

In: 11.299+/-0.497 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 8.262+/-0.340 χ^2 /NDF: 187.4/5

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.910 ± 0.443 χ^2/NDF : 10.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.112 ± 0.430 χ^2/NDF : 99.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

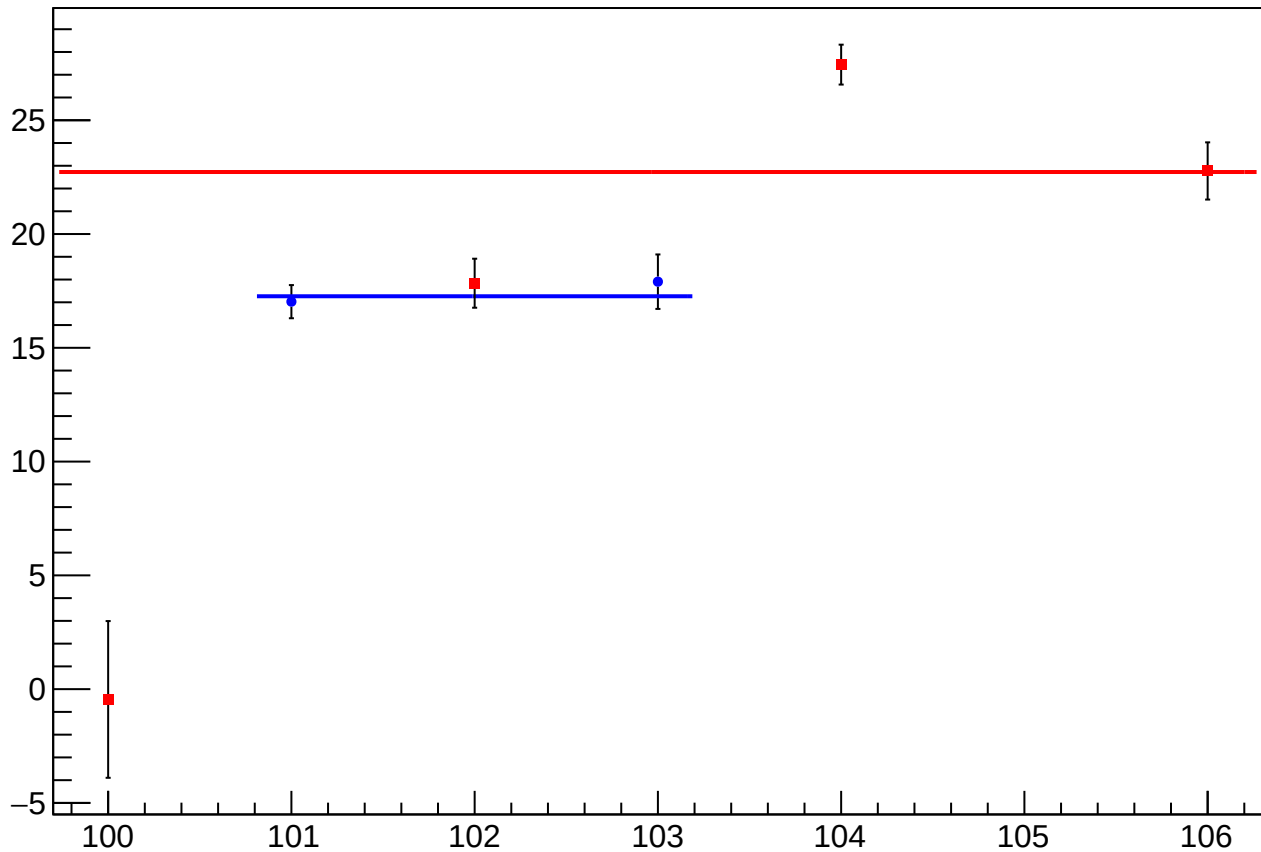
Right: -25.044 ± 0.309 χ^2/NDF : 122.6/5

In: -23.910 ± 0.443 χ^2/NDF : 10.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.044 ± 0.309 χ^2/NDF : 122.6/5

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.265 $\pm$ 0.622 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.726 $\pm$ 0.589 χ^2 /NDF: 94.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

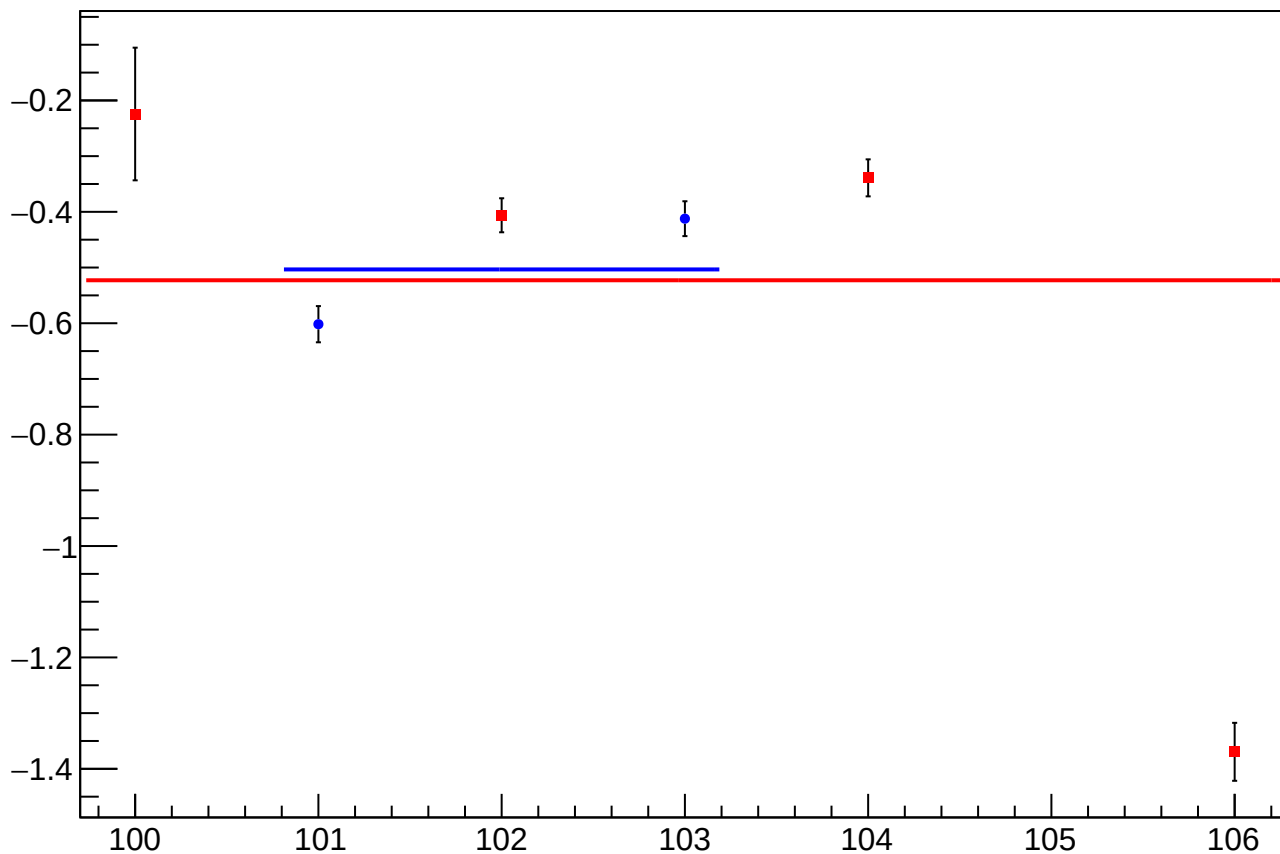
Right: 20.145 $\pm$ 0.428 χ^2 /NDF: 135.9/5

In: 17.265 $\pm$ 0.622 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.145 $\pm$ 0.428 χ^2 /NDF: 135.9/5

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.503+/-0.023 χ^2/NDF : 17.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.523+/-0.020 χ^2/NDF : 316.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

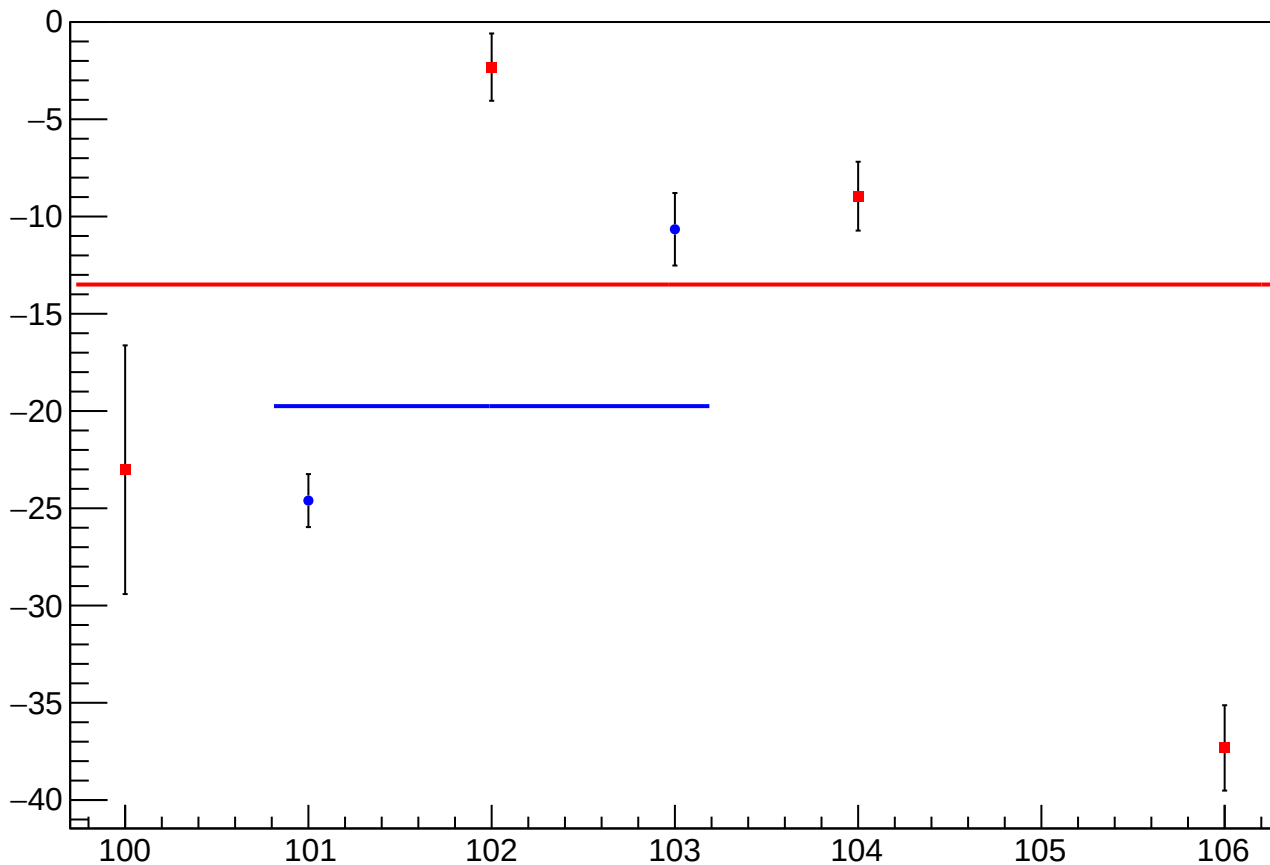
Right: -0.514+/-0.015 χ^2/NDF : 334.3/5

In: -0.503+/-0.023 χ^2/NDF : 17.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.514+/-0.015 χ^2/NDF : 334.3/5

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.748 $\pm$ 1.100 χ^2 /NDF: 36.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.496 $\pm$ 1.063 χ^2 /NDF: 168.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

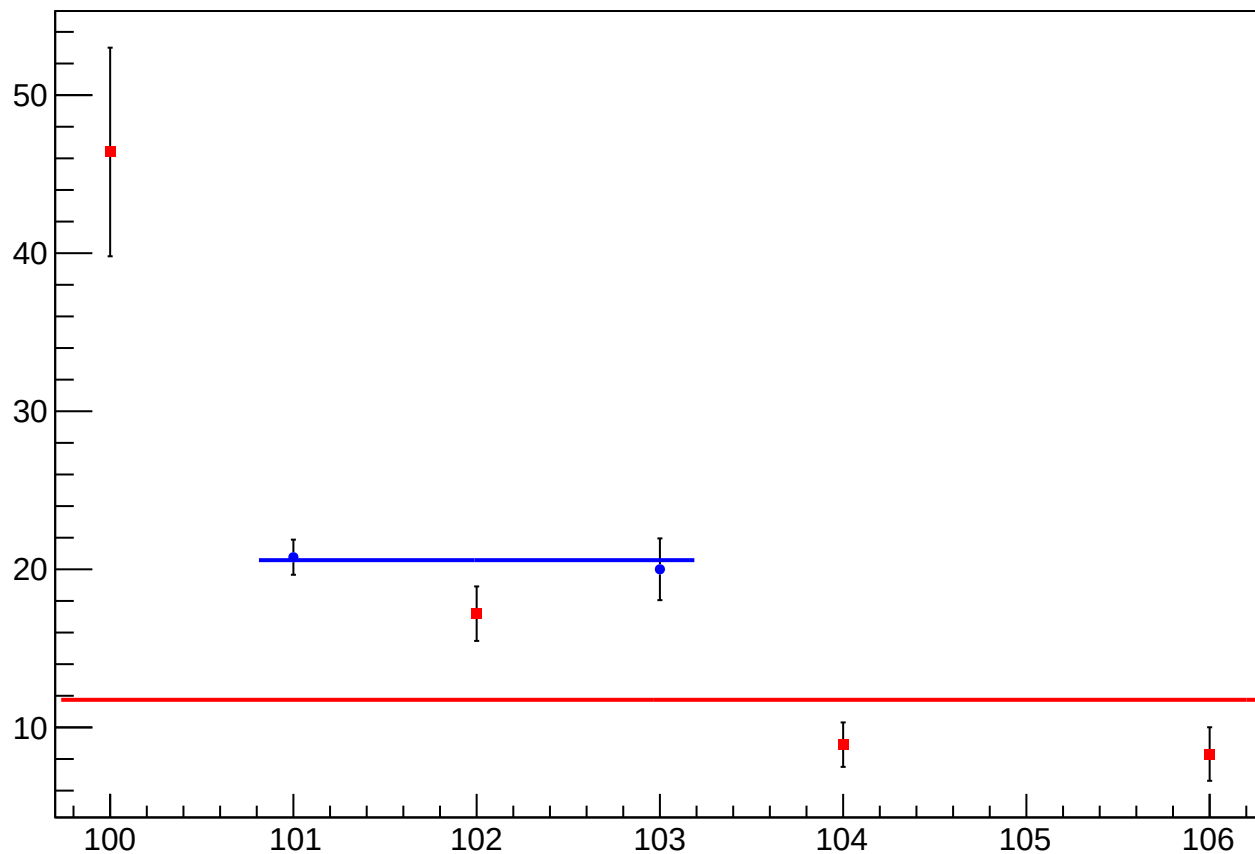
Right: -16.514 $\pm$ 0.764 χ^2 /NDF: 221.7/5

In: -19.748 $\pm$ 1.100 χ^2 /NDF:36.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.514 $\pm$ 0.764 χ^2 /NDF: 221.7/5

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.580 $\pm$ 0.966 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.745 $\pm$ 0.908 χ^2 /NDF: 45.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

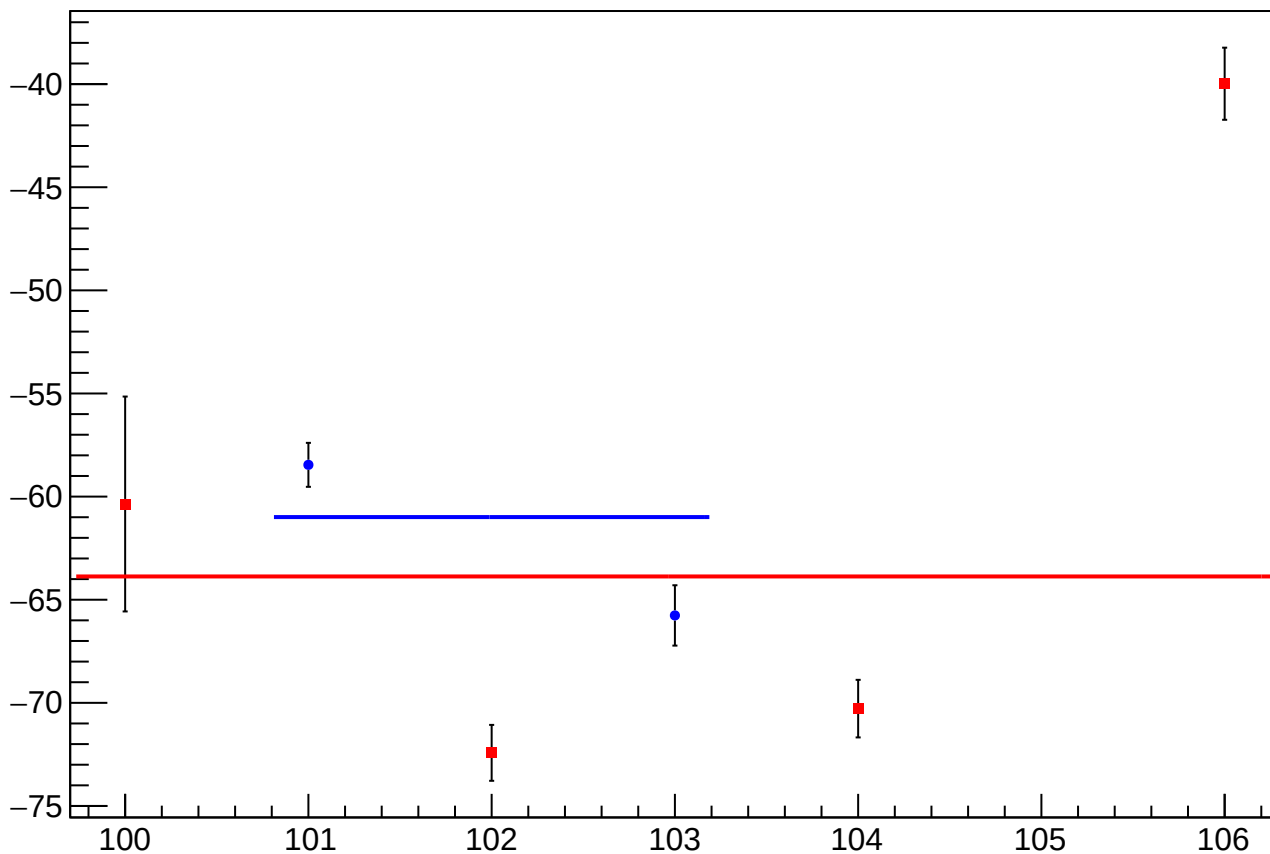
Right: 15.888 $\pm$ 0.661 χ^2 /NDF: 90.3/5

In: 20.580 $\pm$ 0.966 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.888 $\pm$ 0.661 χ^2 /NDF: 90.3/5

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.993 $\pm$ 0.862 χ^2 /NDF: 16.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -63.872 $\pm$ 0.839 χ^2 /NDF: 248.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

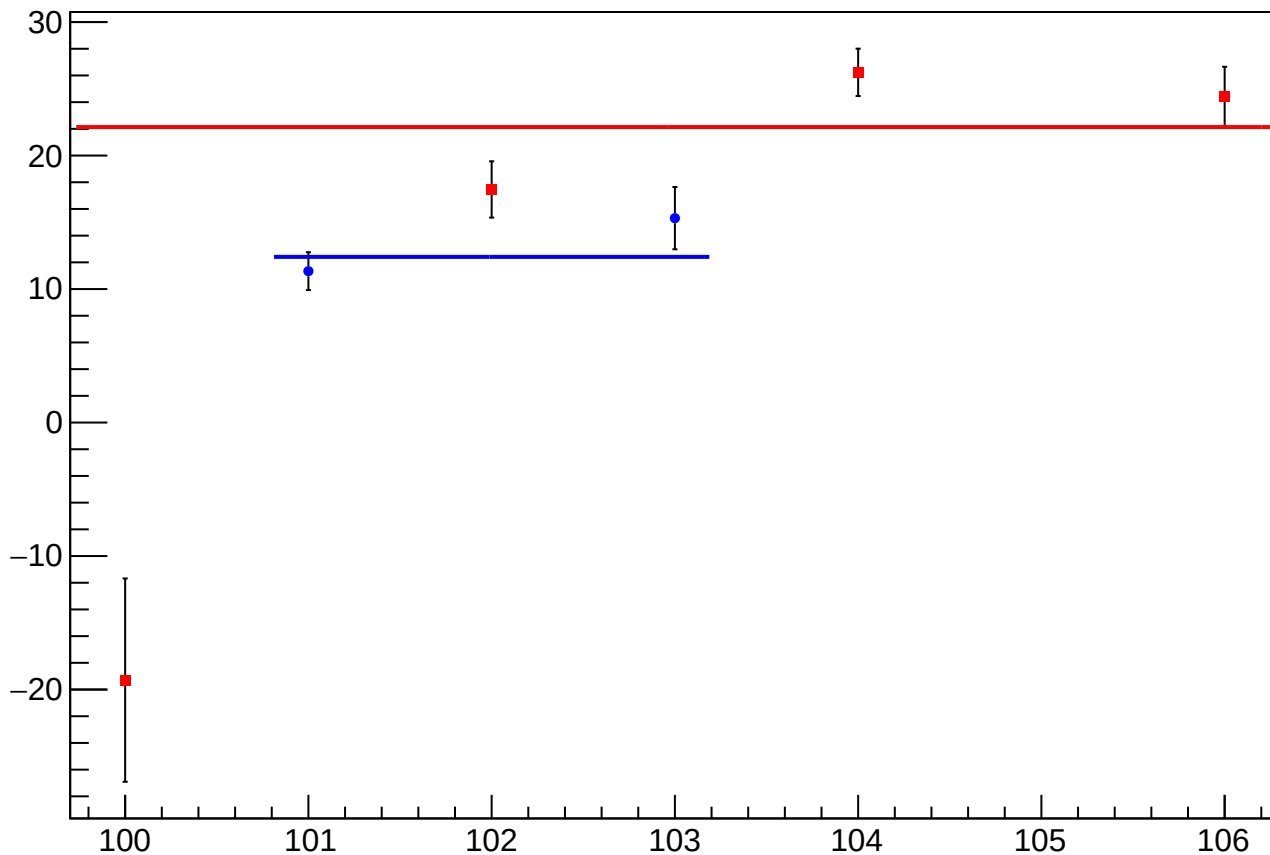
Right: -62.471 $\pm$ 0.601 χ^2 /NDF: 270.1/5

In: -60.993 $\pm$ 0.862 χ^2 /NDF:16.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.471 $\pm$ 0.601 χ^2 /NDF: 270.1/5

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.411+/-1.211 χ^2 /NDF: 2.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 22.135+/-1.146 χ^2 /NDF: 40.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

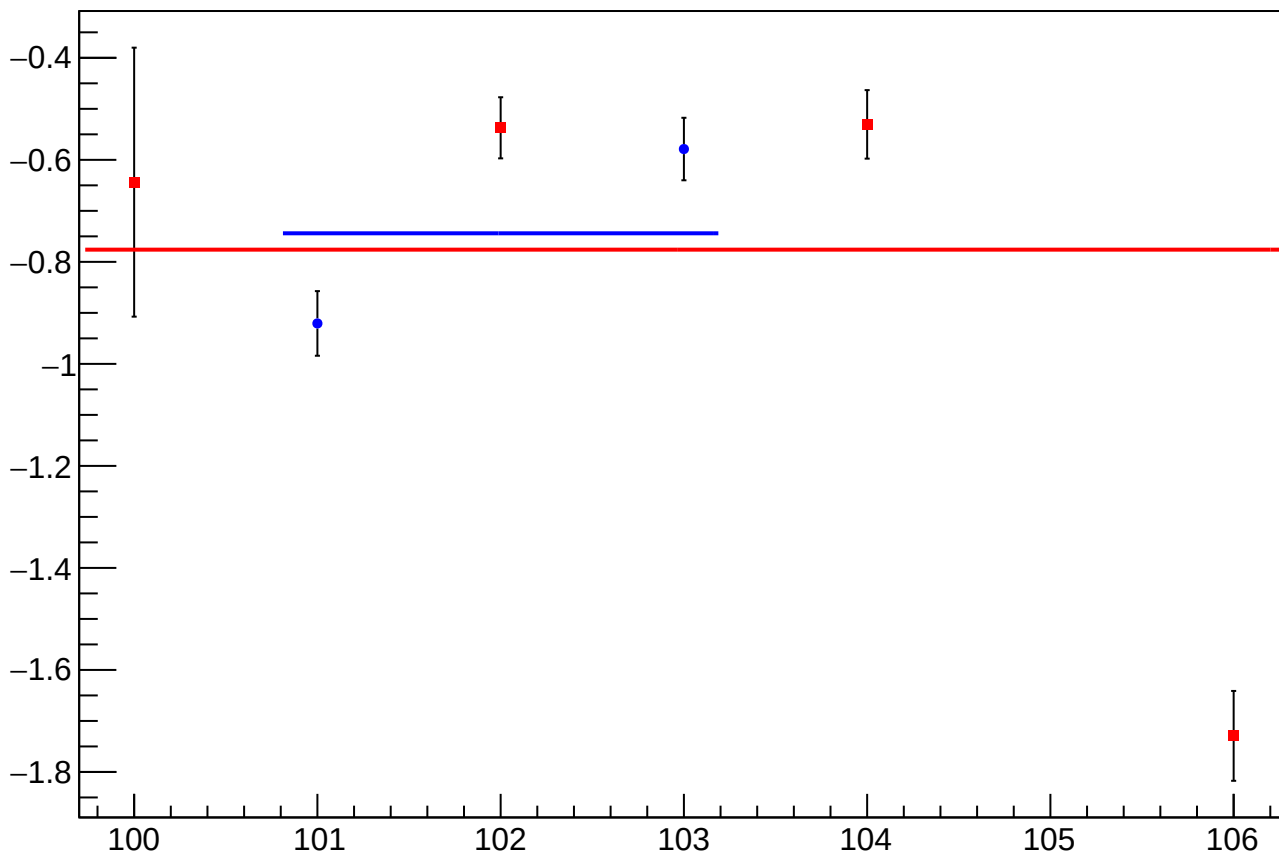
Right: 17.542+/-0.832 χ^2 /NDF: 77.0/5

In: 12.411+/-1.211 χ^2 /NDF:2.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.542+/-0.832 χ^2 /NDF: 77.0/5

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.744+/-0.044 χ^2 /NDF: 15.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.776+/-0.039 χ^2 /NDF: 146.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

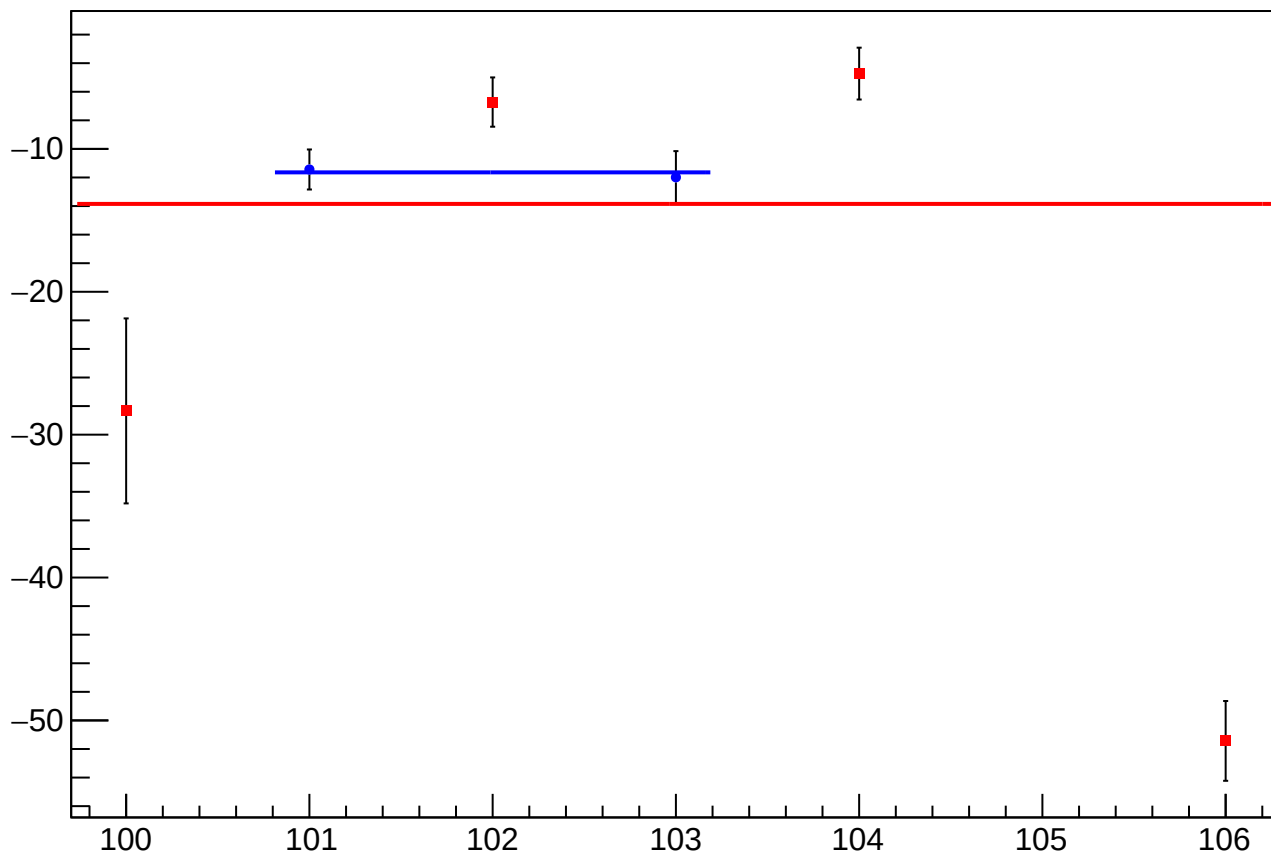
Right: -0.762+/-0.029 χ^2 /NDF: 162.0/5

In: -0.744+/-0.044 χ^2 /NDF:15.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.762+/-0.029 χ^2 /NDF: 162.0/5

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.642 ± 1.113 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.850 ± 1.124 $\chi^2/\text{NDF}: 228.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

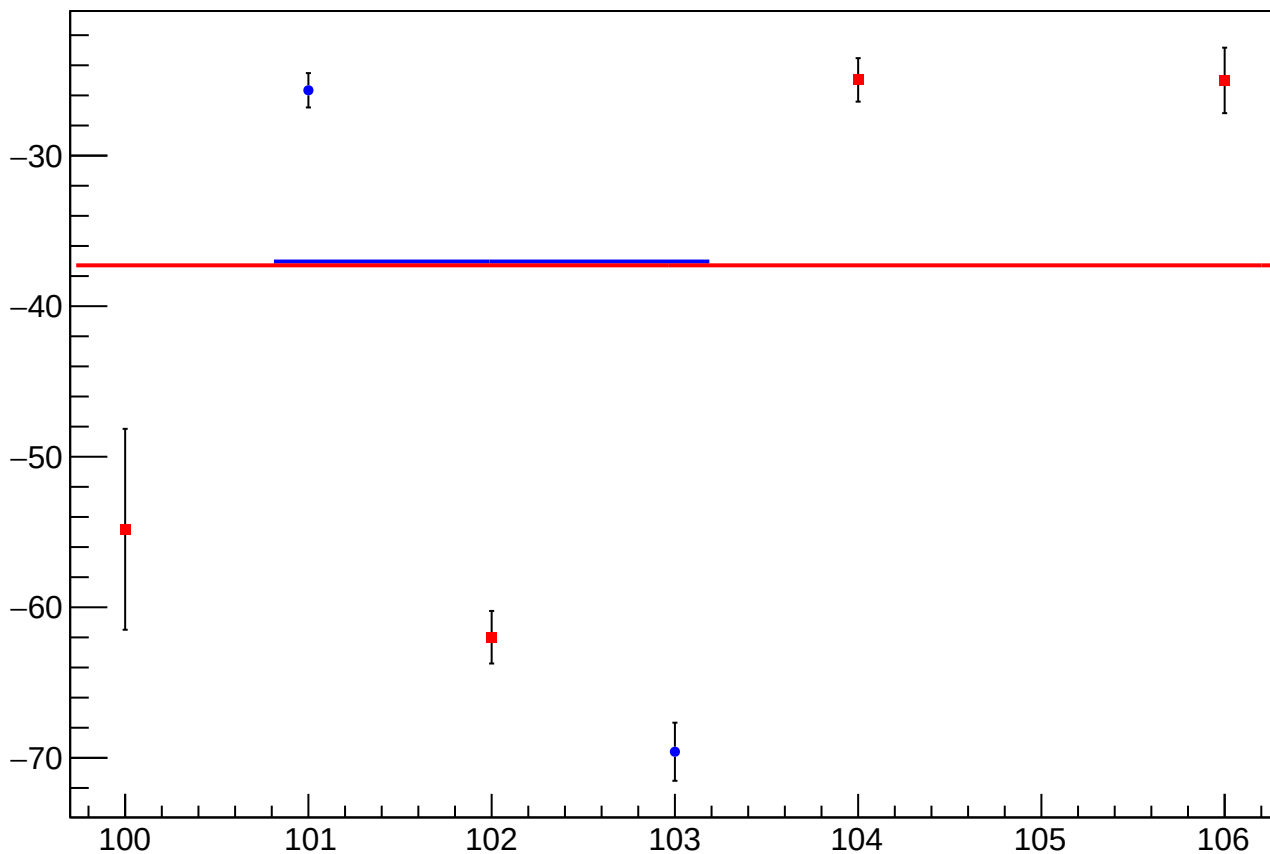
Right: -12.736 ± 0.791 $\chi^2/\text{NDF}: 230.5/5$

In: -11.642 ± 1.113 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.736 ± 0.791 $\chi^2/\text{NDF}: 230.5/5$

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -37.035+/-0.982 χ^2/NDF : 383.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.287+/-0.980 χ^2/NDF : 311.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

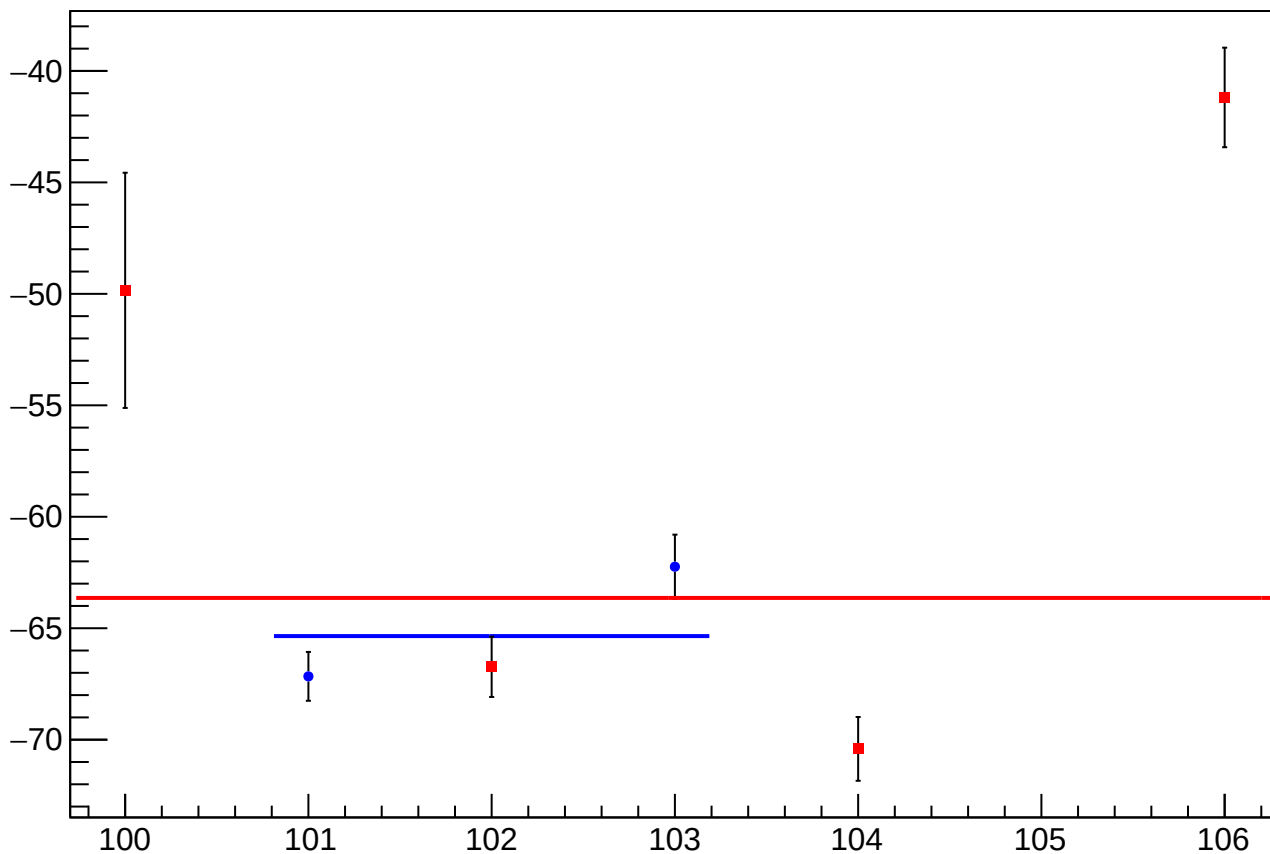
Right: -37.161+/-0.694 χ^2/NDF : 695.6/5

In: -37.035+/-0.982 χ^2/NDF : 383.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.161+/-0.694 χ^2/NDF : 695.6/5

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.352 $\pm$ 0.872 χ^2 /NDF: 7.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.640 $\pm$ 0.887 χ^2 /NDF: 135.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

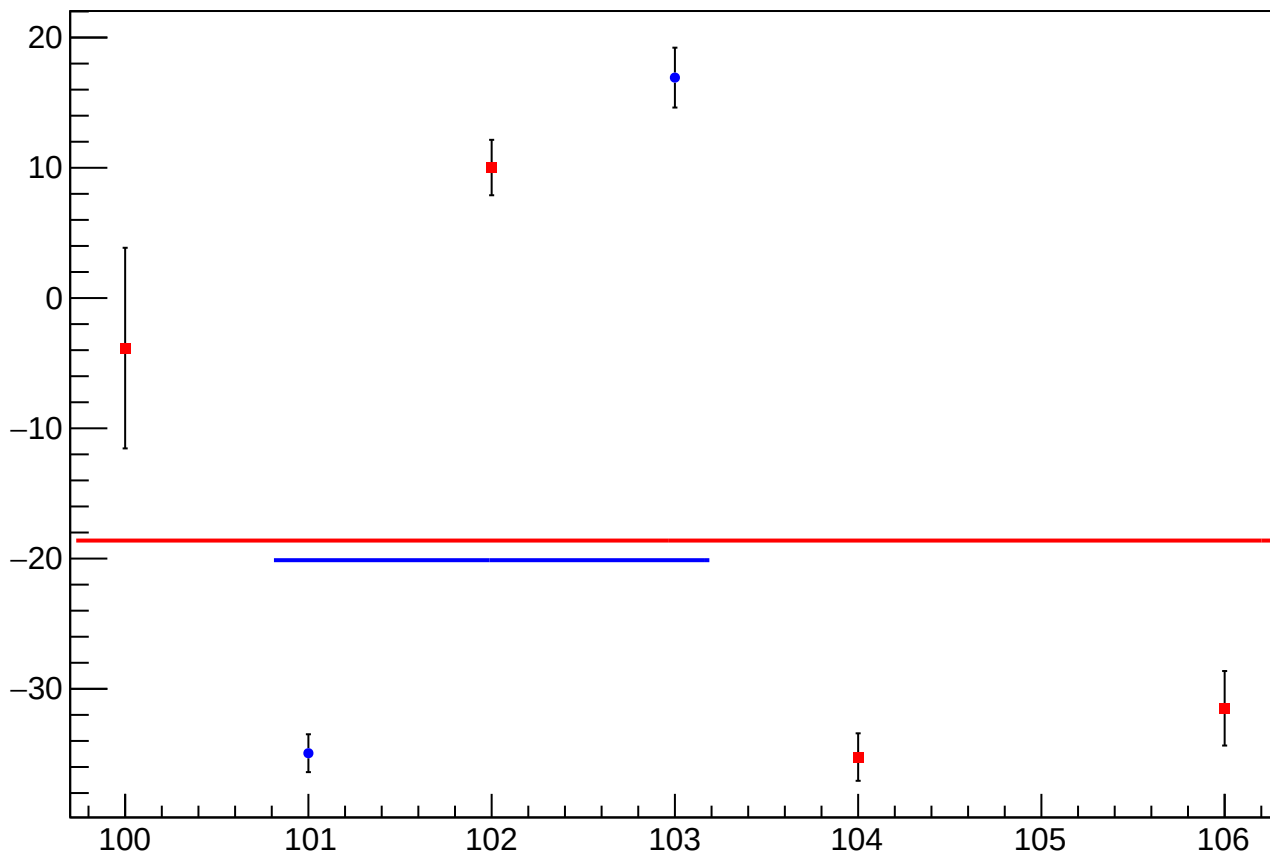
Right: -64.510 $\pm$ 0.622 χ^2 /NDF: 144.9/5

In: -65.352 $\pm$ 0.872 χ^2 /NDF: 7.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.510 $\pm$ 0.622 χ^2 /NDF: 144.9/5

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.124+/-1.228 χ^2/NDF : 363.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.617+/-1.230 χ^2/NDF : 288.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

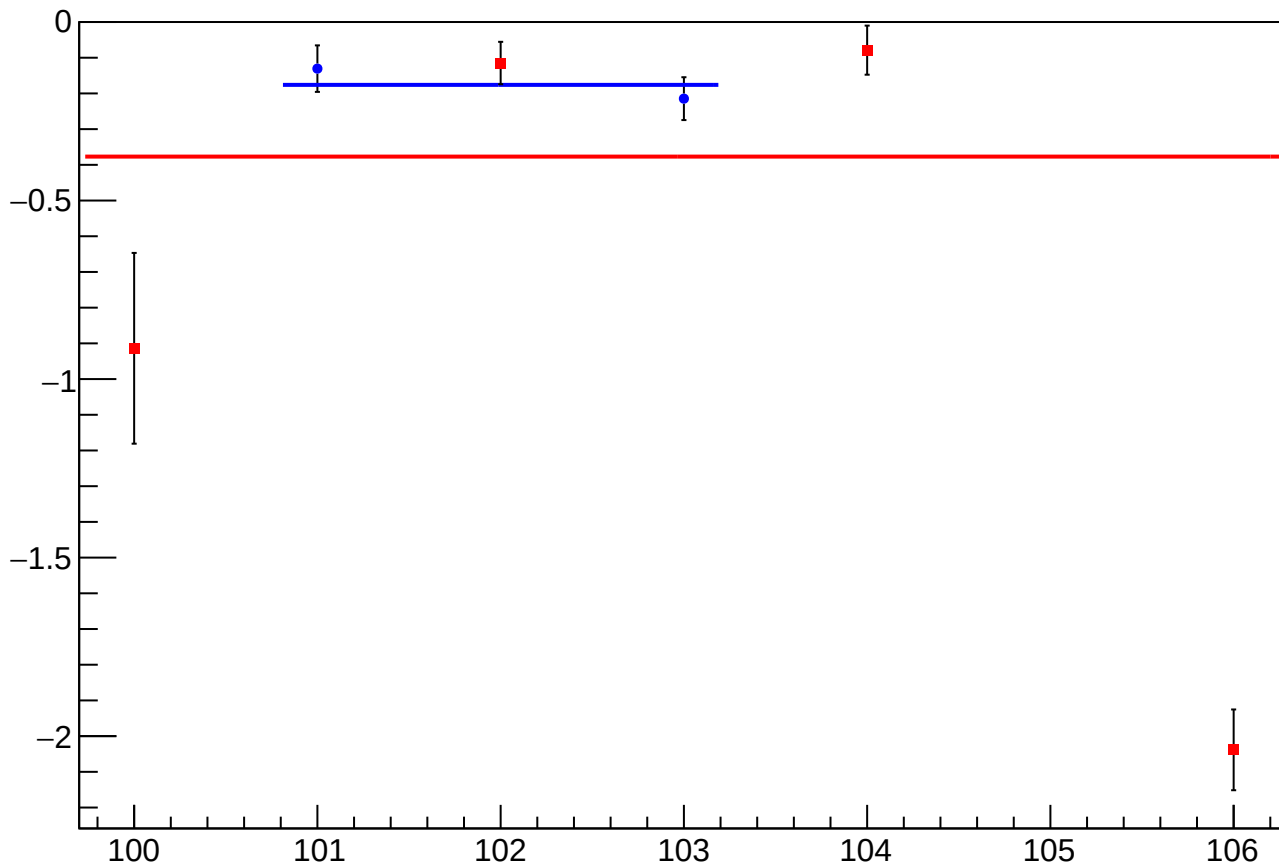
Right: -19.371+/-0.869 χ^2/NDF : 652.8/5

In: -20.124+/-1.228 χ^2/NDF : 363.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.371+/-0.869 χ^2/NDF : 652.8/5

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.176+/-0.044 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.377+/-0.041 χ^2/NDF : 258.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

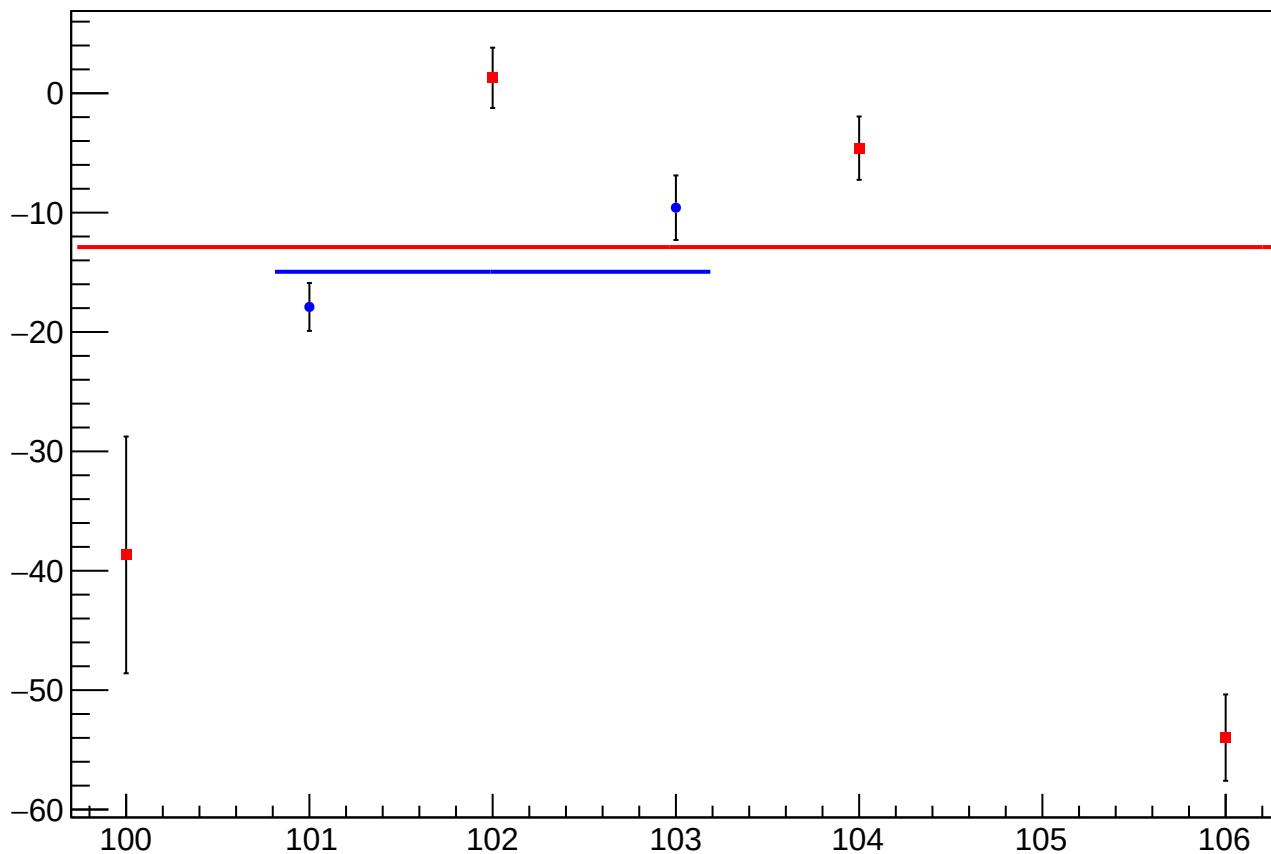
Right: -0.283+/-0.030 χ^2/NDF : 270.2/5

In: -0.176+/-0.044 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.283+/-0.030 χ^2/NDF : 270.2/5

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.954 ± 1.609 χ^2/NDF : 6.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.884 ± 1.610 χ^2/NDF : 177.1/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

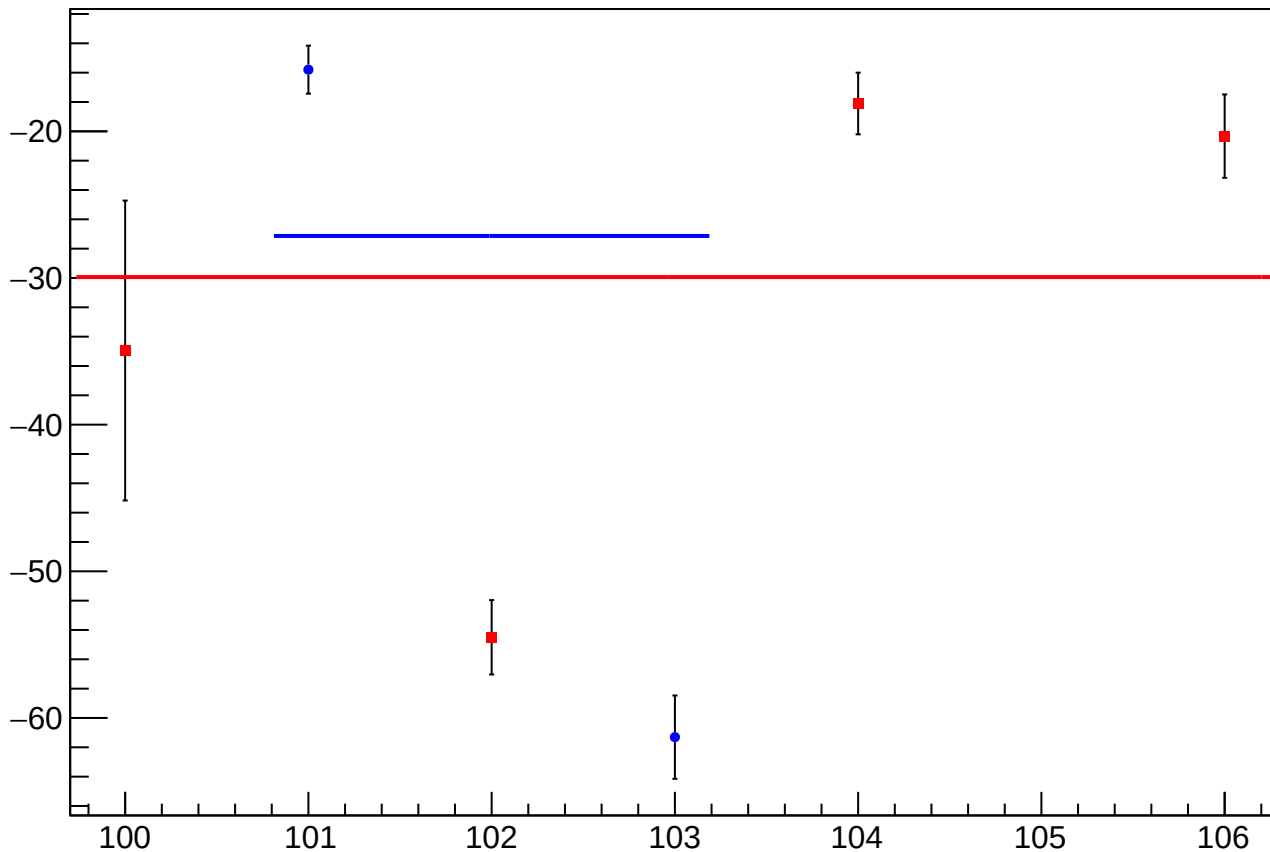
Right: -13.920 ± 1.138 χ^2/NDF : 184.0/5

In: -14.954 ± 1.609 χ^2/NDF : 6.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.920 ± 1.138 χ^2/NDF : 184.0/5

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -27.134+/-1.418 χ^2/NDF : 192.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.938+/-1.394 χ^2/NDF : 137.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

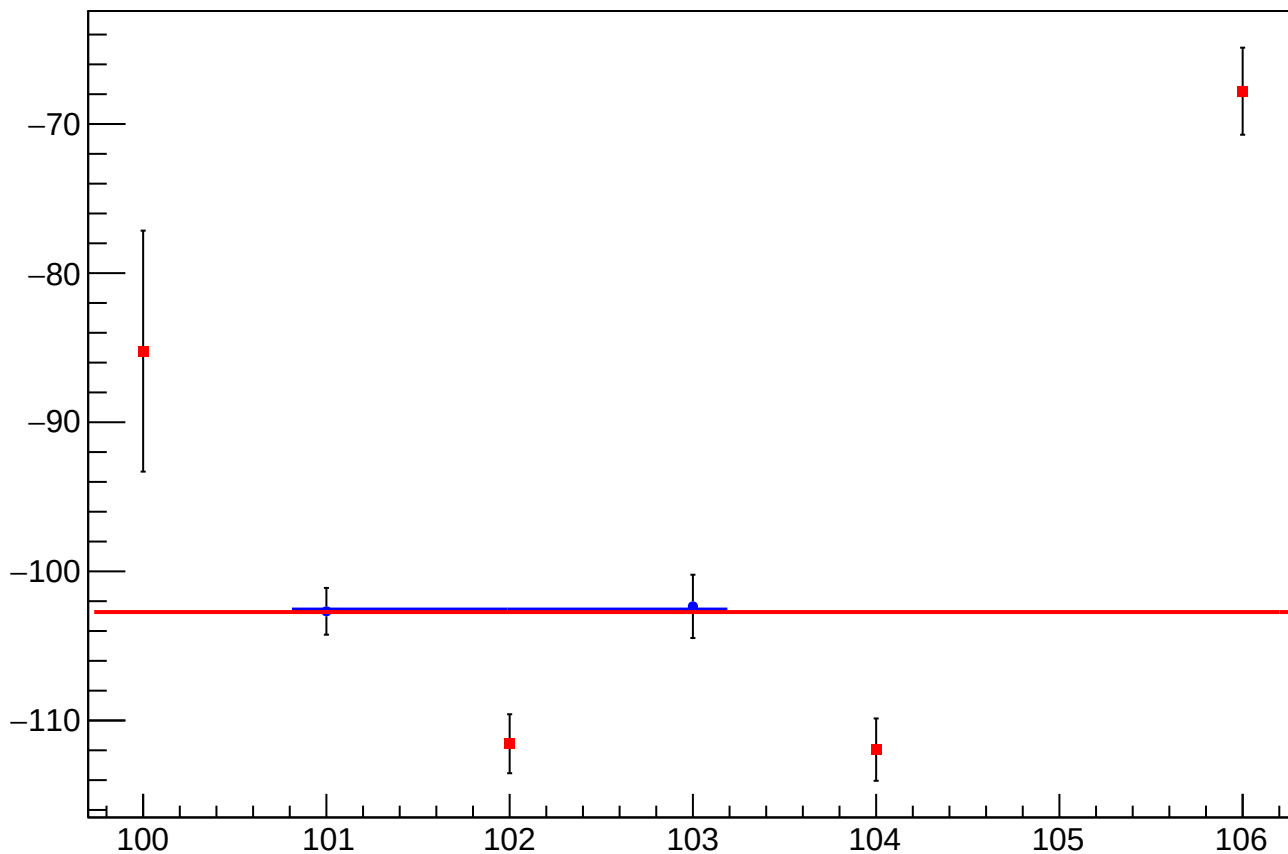
Right: -28.560+/-0.994 χ^2/NDF : 331.9/5

In: -27.134+/-1.418 χ^2/NDF : 192.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.560+/-0.994 χ^2/NDF : 331.9/5

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.562+/-1.261 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.729+/-1.273 χ^2/NDF : 187.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

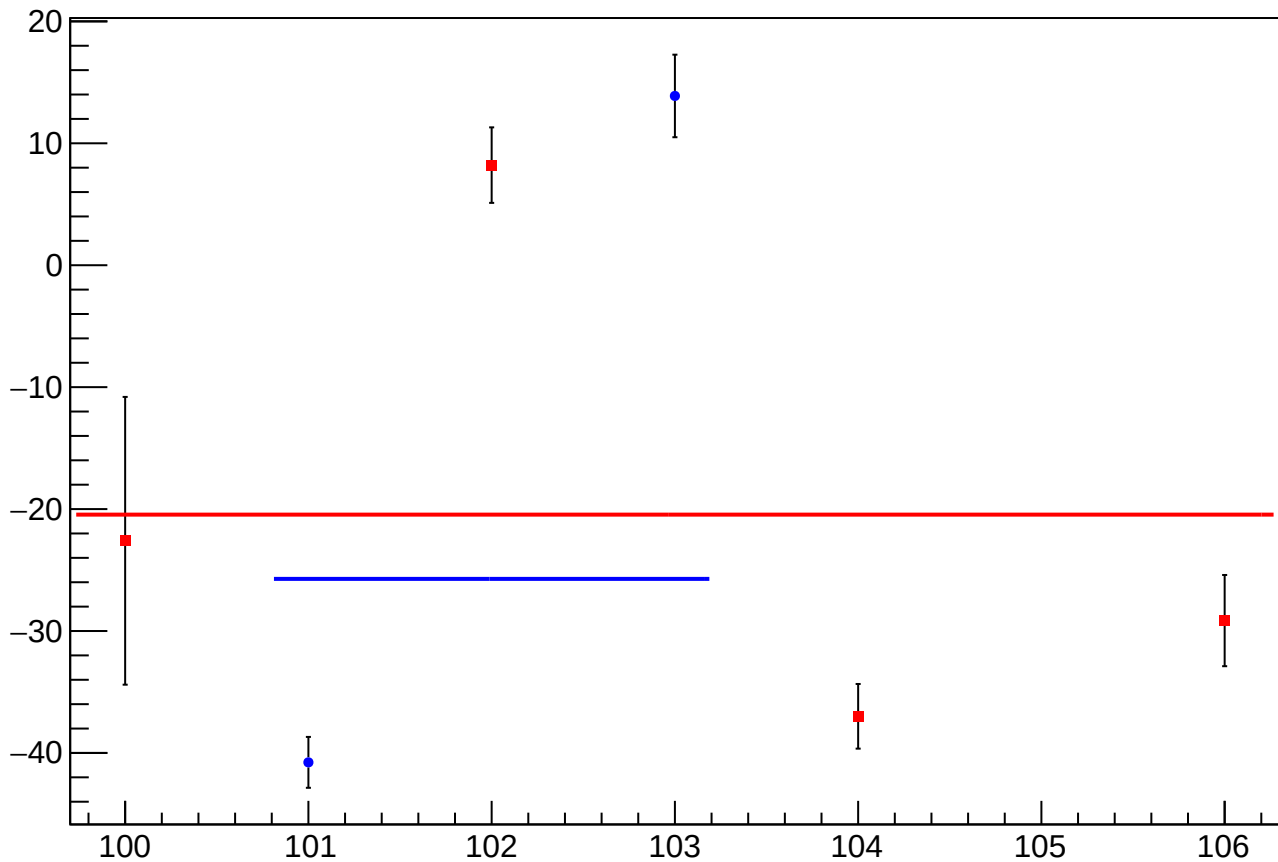
Right: -102.644+/-0.896 χ^2/NDF : 187.3/5

In: -102.562+/-1.261 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.644+/-0.896 χ^2/NDF : 187.3/5

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.725 ± 1.776 $\chi^2/\text{NDF}: 188.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.455 ± 1.754 $\chi^2/\text{NDF}: 130.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

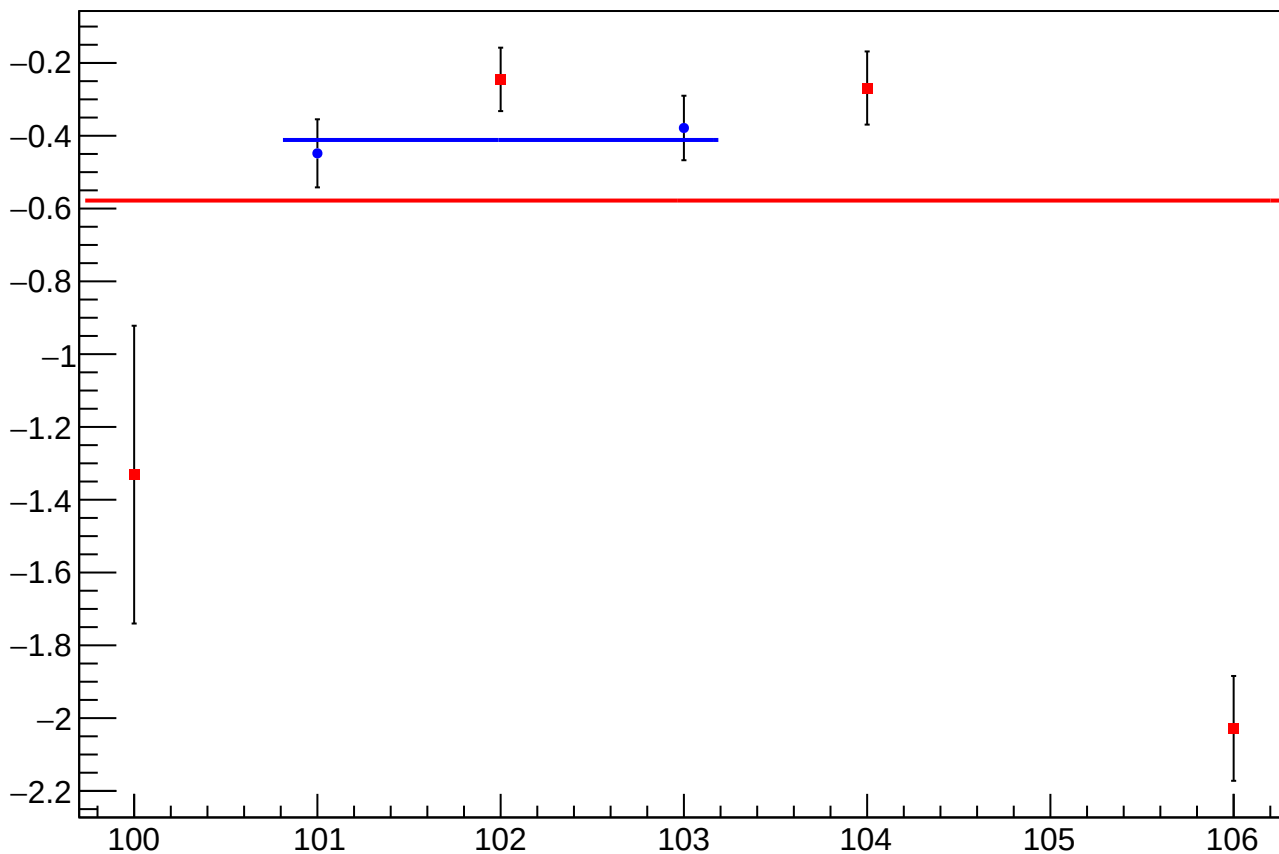
Right: -23.056 ± 1.248 $\chi^2/\text{NDF}: 323.4/5$

In: -25.725 ± 1.776 $\chi^2/\text{NDF}: 188.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.056 ± 1.248 $\chi^2/\text{NDF}: 323.4/5$

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.412 ± 0.064 χ^2/NDF : 0.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.578 ± 0.059 χ^2/NDF : 128.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

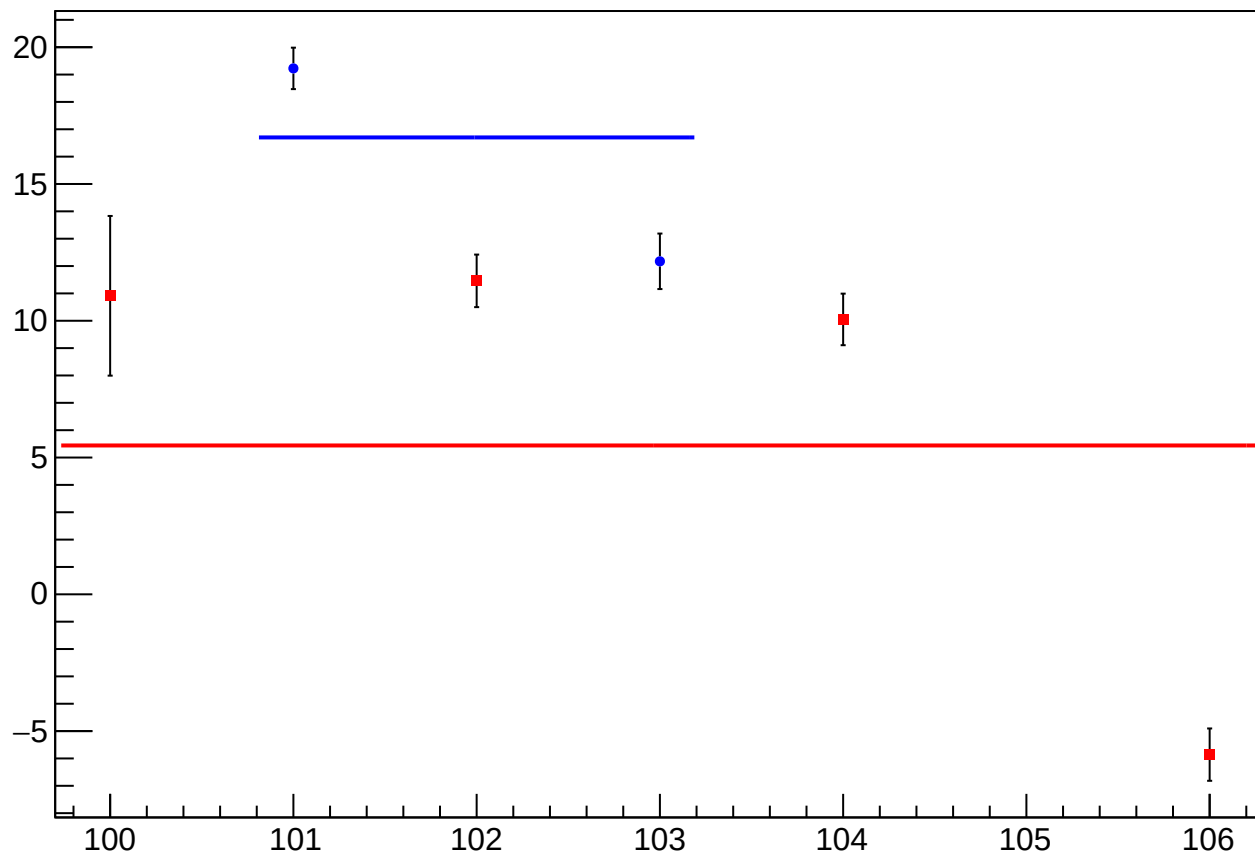
Right: -0.502 ± 0.044 χ^2/NDF : 132.8/5

In: -0.412 ± 0.064 χ^2/NDF : 0.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.502 ± 0.044 χ^2/NDF : 132.8/5

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 16.702 $\pm$ 0.607 χ^2 /NDF: 31.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.441 $\pm$ 0.541 χ^2 /NDF: 206.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

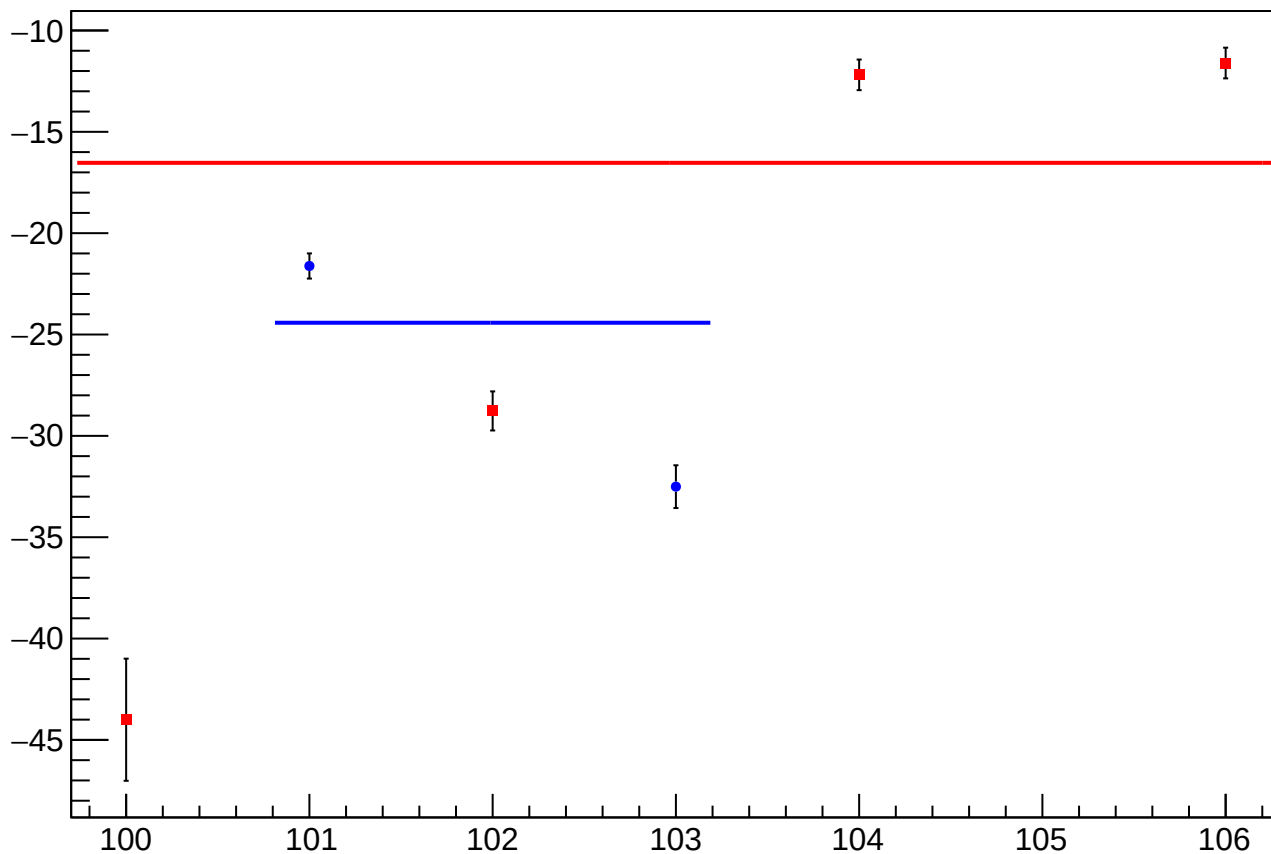
Right: 10.424 $\pm$ 0.404 χ^2 /NDF: 429.2/5

In: 16.702 $\pm$ 0.607 χ^2 /NDF: 31.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.424 $\pm$ 0.404 χ^2 /NDF: 429.2/5

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.419 ± 0.535 $\chi^2/\text{NDF}: 79.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.530 ± 0.462 $\chi^2/\text{NDF}: 319.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

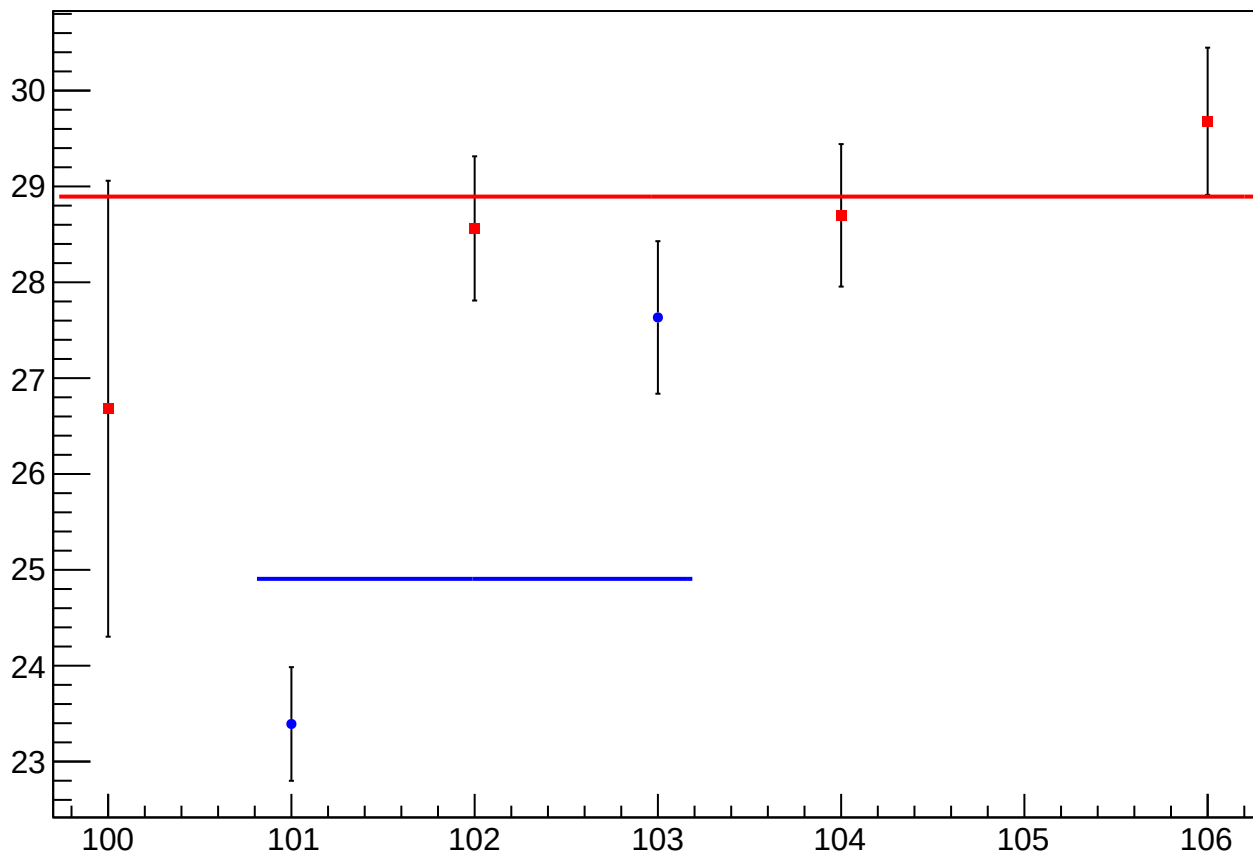
Right: -19.901 ± 0.350 $\chi^2/\text{NDF}: 523.4/5$

In: -24.419 ± 0.535 $\chi^2/\text{NDF}: 79.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.901 ± 0.350 $\chi^2/\text{NDF}: 523.4/5$

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 24.906 $\pm$ 0.475 χ^2 /NDF: 18.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.894 $\pm$ 0.428 χ^2 /NDF: 2.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

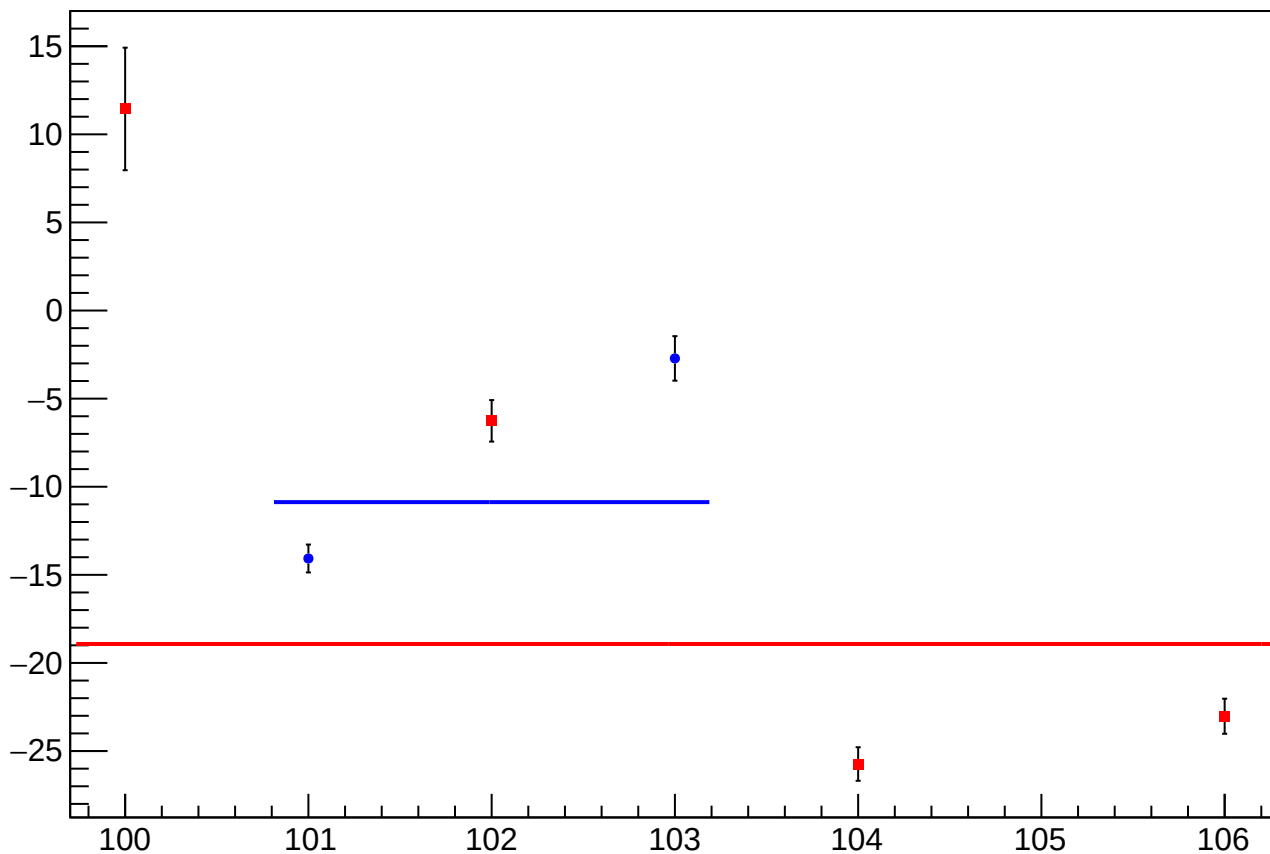
Right: 27.107 $\pm$ 0.318 χ^2 /NDF: 59.3/5

In: 24.906 $\pm$ 0.475 χ^2 /NDF: 18.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.107 $\pm$ 0.318 χ^2 /NDF: 59.3/5

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.873 $\pm$ 0.670 χ^2 /NDF: 58.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.924 $\pm$ 0.586 χ^2 /NDF: 260.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

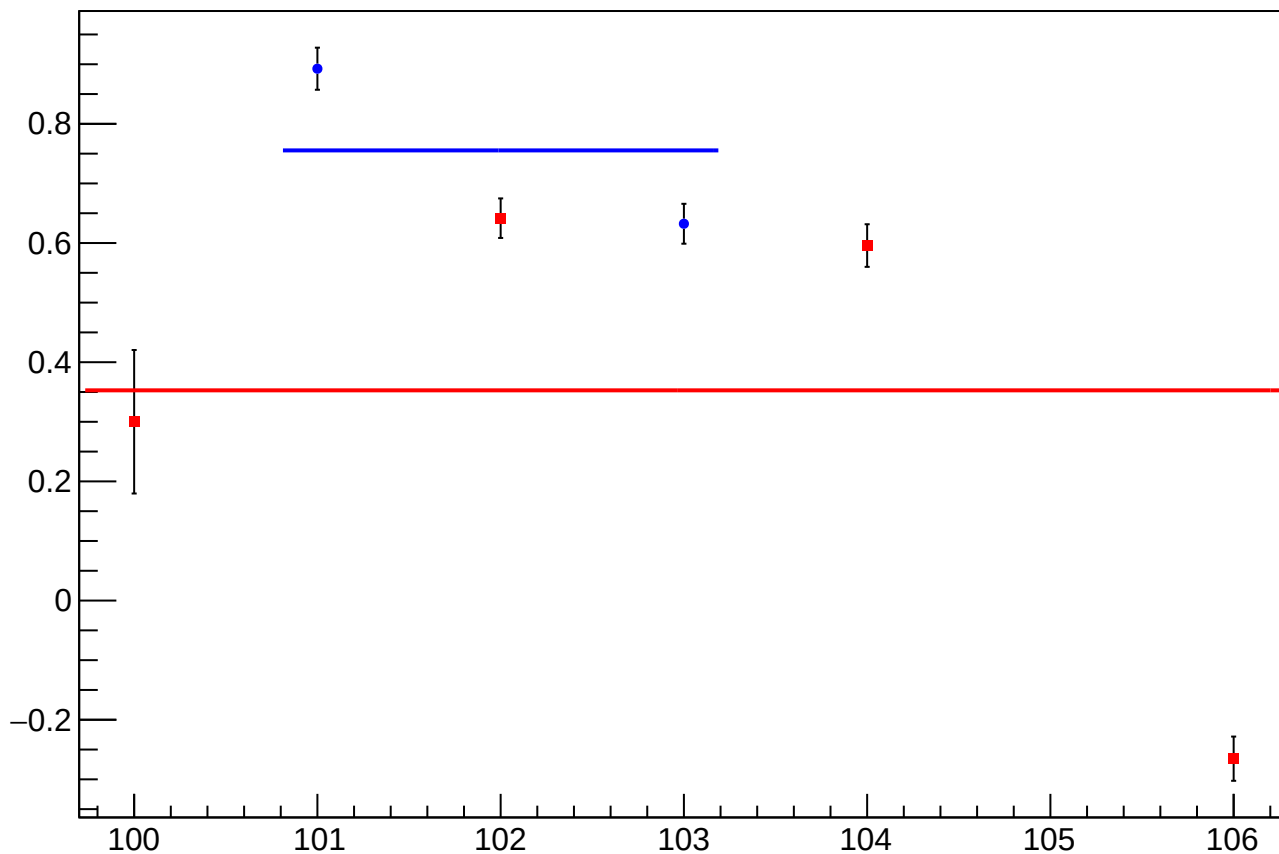
Right: -15.439 $\pm$ 0.441 χ^2 /NDF: 399.8/5

In: -10.873 $\pm$ 0.670 χ^2 /NDF:58.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.439 $\pm$ 0.441 χ^2 /NDF: 399.8/5

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.755+/-0.024 χ^2/NDF : 28.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.353+/-0.020 χ^2/NDF : 399.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

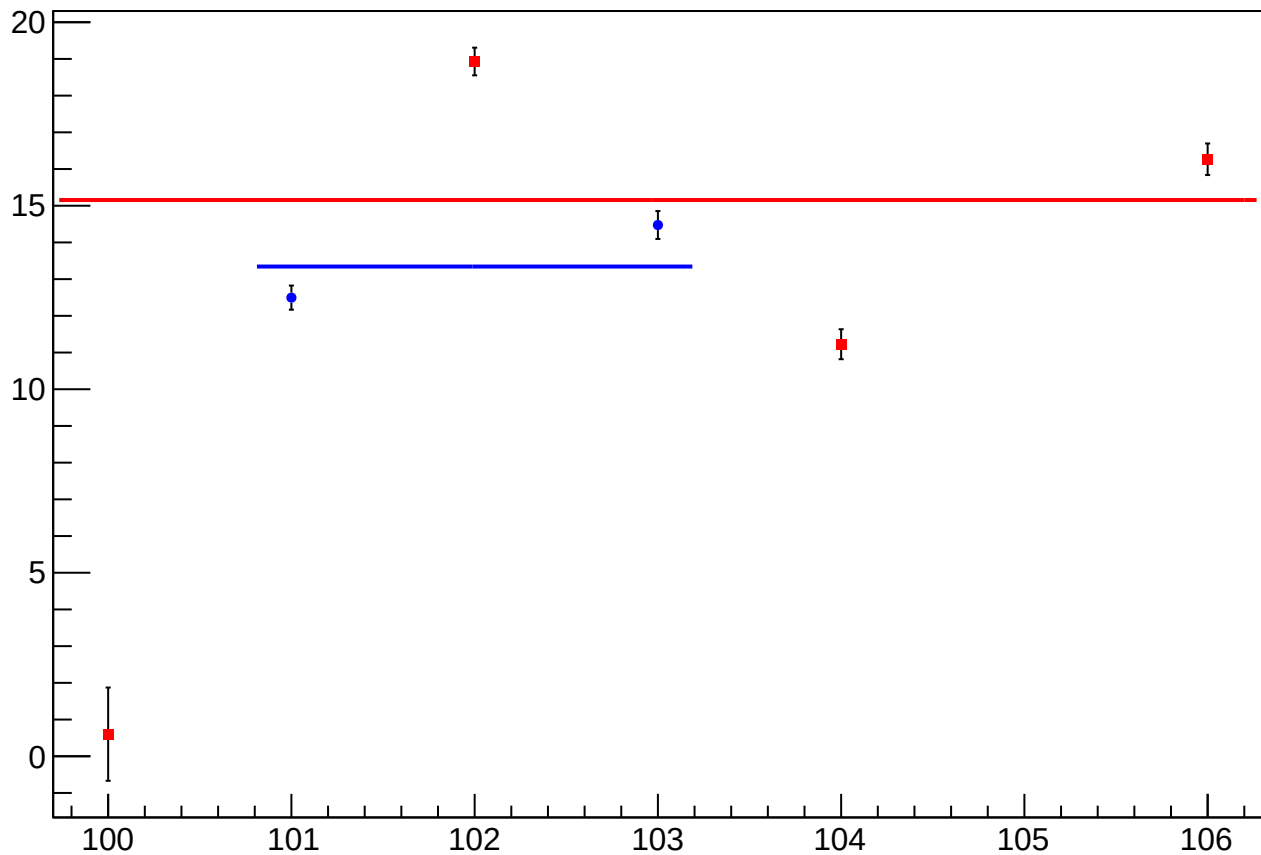
Right: 0.516+/-0.015 χ^2/NDF : 591.6/5

In: 0.755+/-0.024 χ^2/NDF : 28.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.516+/-0.015 χ^2/NDF : 591.6/5

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.343+/-0.249 χ^2 /NDF: 15.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 15.155+/-0.229 χ^2 /NDF: 330.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

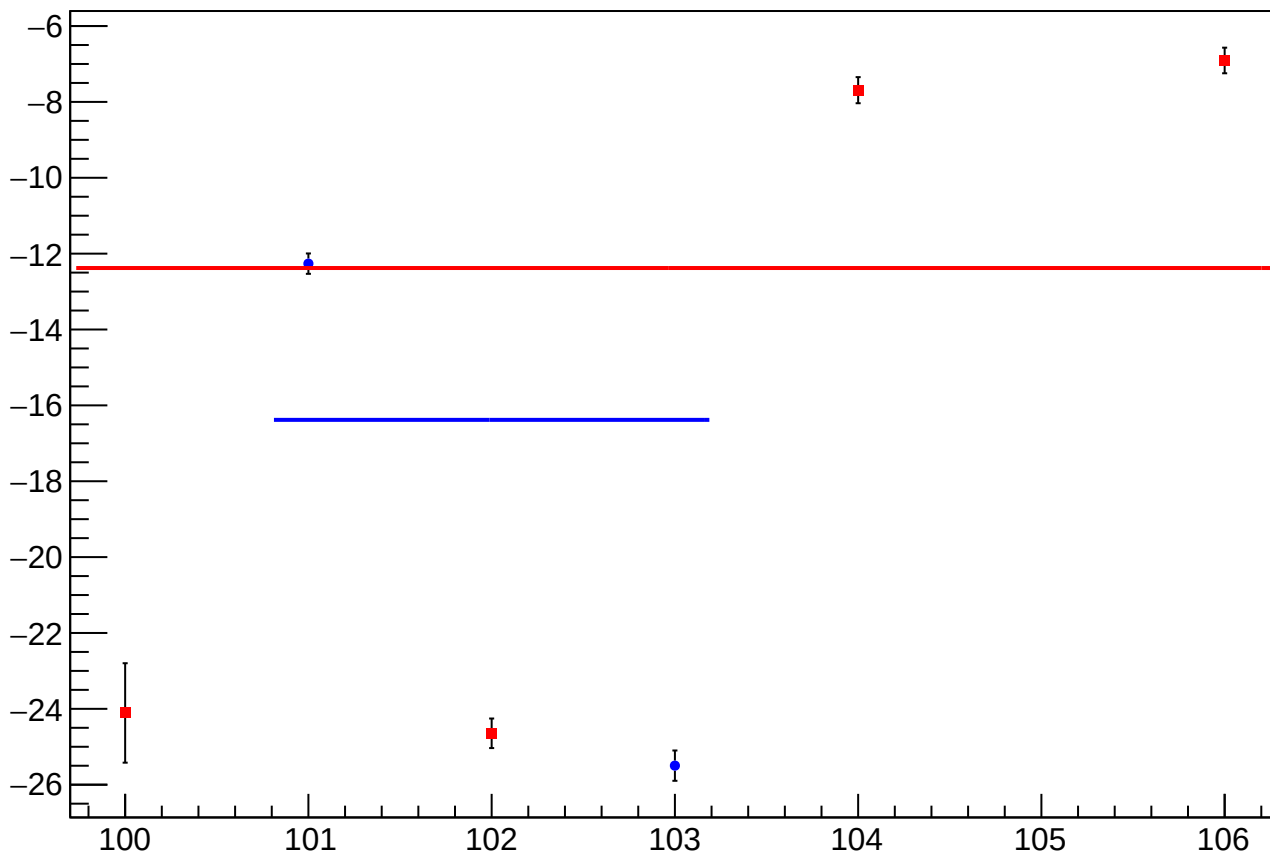
Right: 14.323+/-0.168 χ^2 /NDF: 374.9/5

In: 13.343+/-0.249 χ^2 /NDF:15.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 14.323+/-0.168 χ^2 /NDF: 374.9/5

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -16.382 $\pm$ 0.223 χ^2 /NDF: 755.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.379 $\pm$ 0.202 χ^2 /NDF: 1519.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

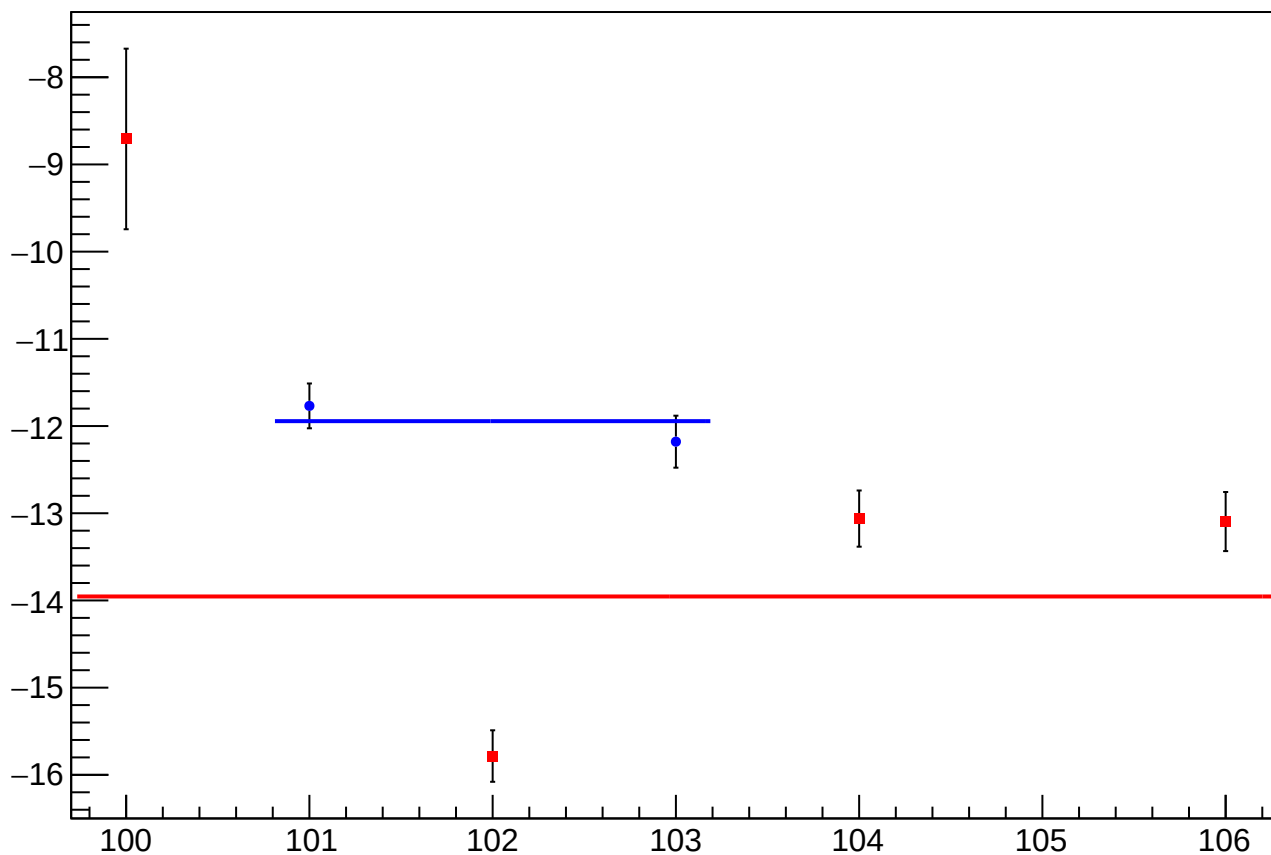
Right: -14.189 $\pm$ 0.150 χ^2 /NDF: 2452.0/5

In: -16.382 $\pm$ 0.223 χ^2 /NDF:755.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.189 $\pm$ 0.150 χ^2 /NDF: 2452.0/5

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.944 ± 0.195 χ^2/NDF : 1.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.954 ± 0.180 χ^2/NDF : 78.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

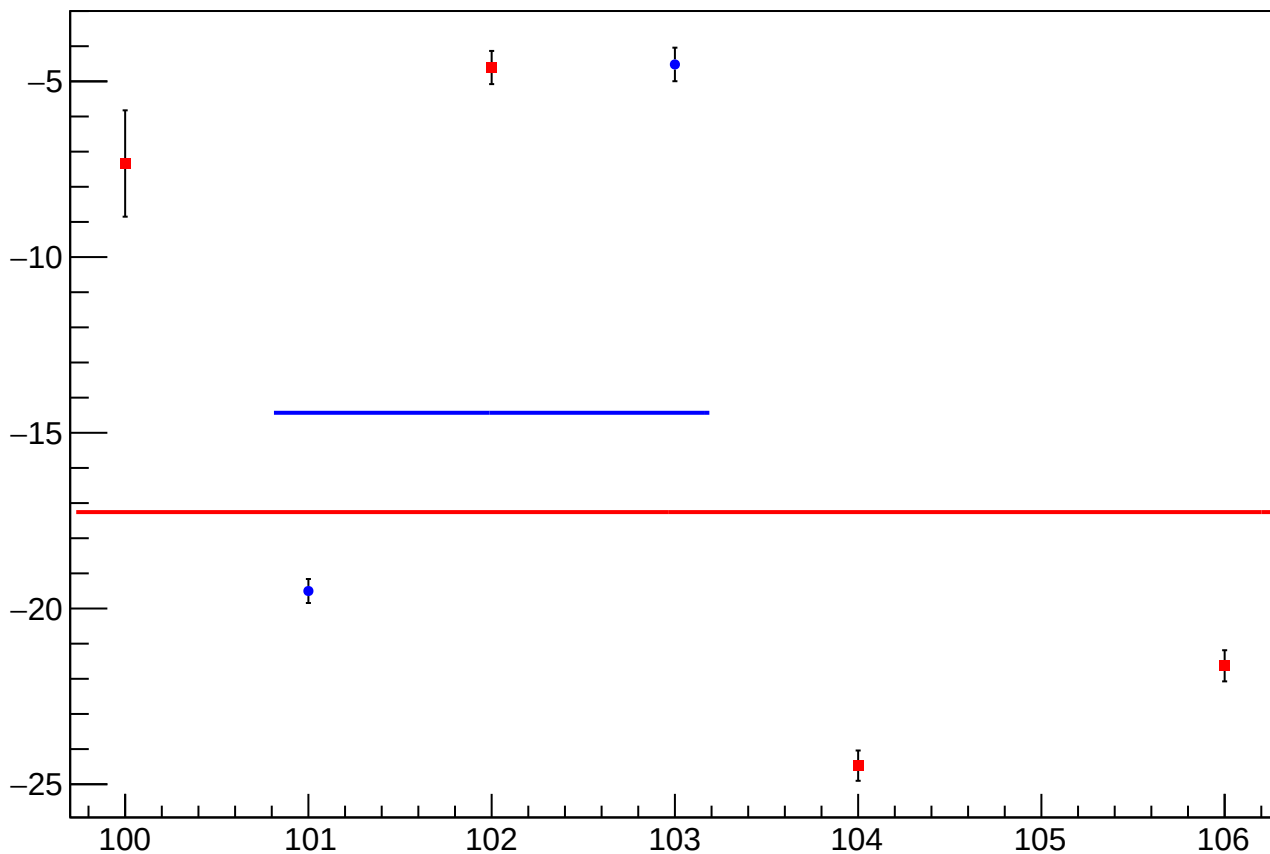
Right: -13.026 ± 0.132 χ^2/NDF : 136.7/5

In: -11.944 ± 0.195 χ^2/NDF : 1.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.026 ± 0.132 χ^2/NDF : 136.7/5

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.430 ± 0.278 χ^2/NDF : 652.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.256 ± 0.255 χ^2/NDF : 1138.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

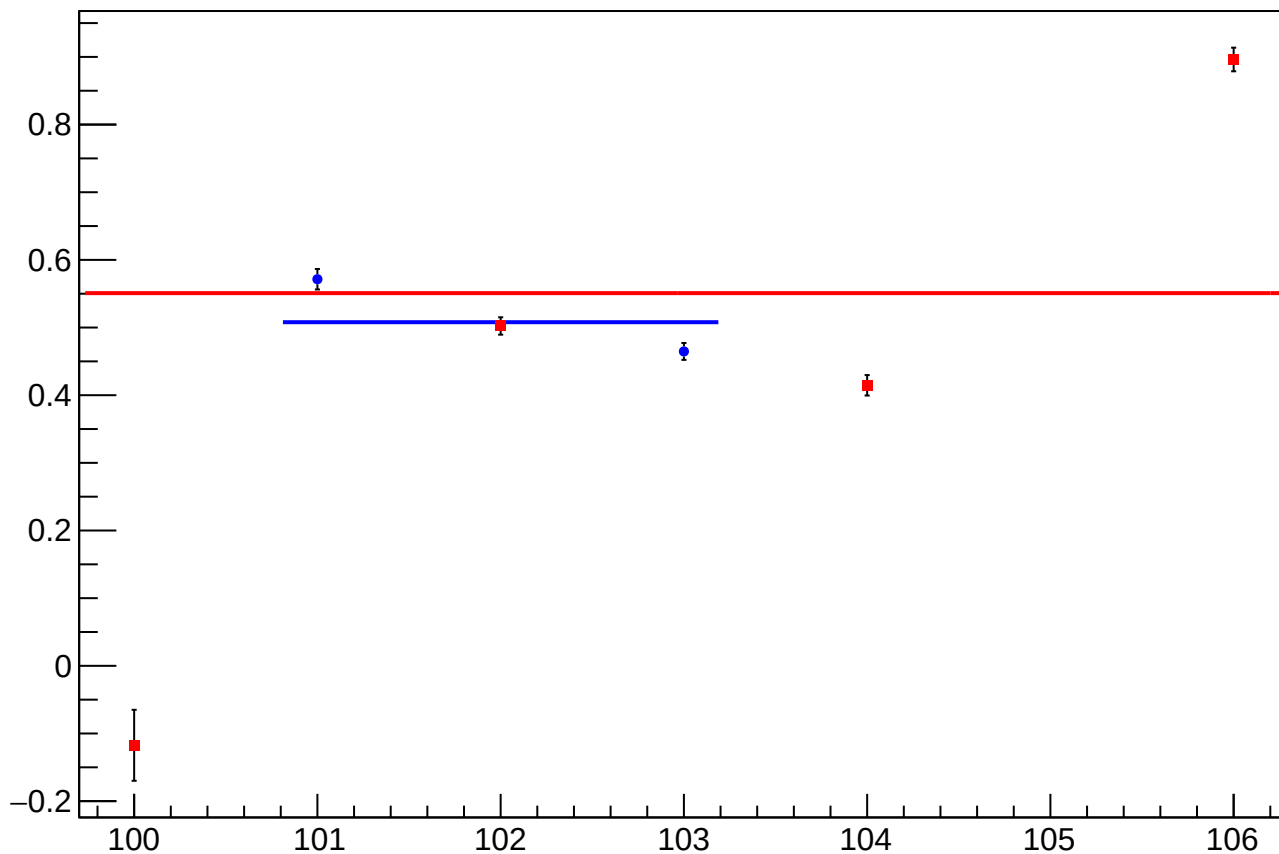
Right: -15.964 ± 0.188 χ^2/NDF : 1847.3/5

In: -14.430 ± 0.278 χ^2/NDF : 652.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.964 ± 0.188 χ^2/NDF : 1847.3/5

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.508 $\pm$ 0.010 χ^2 /NDF: 29.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.551 $\pm$ 0.008 χ^2 /NDF: 648.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

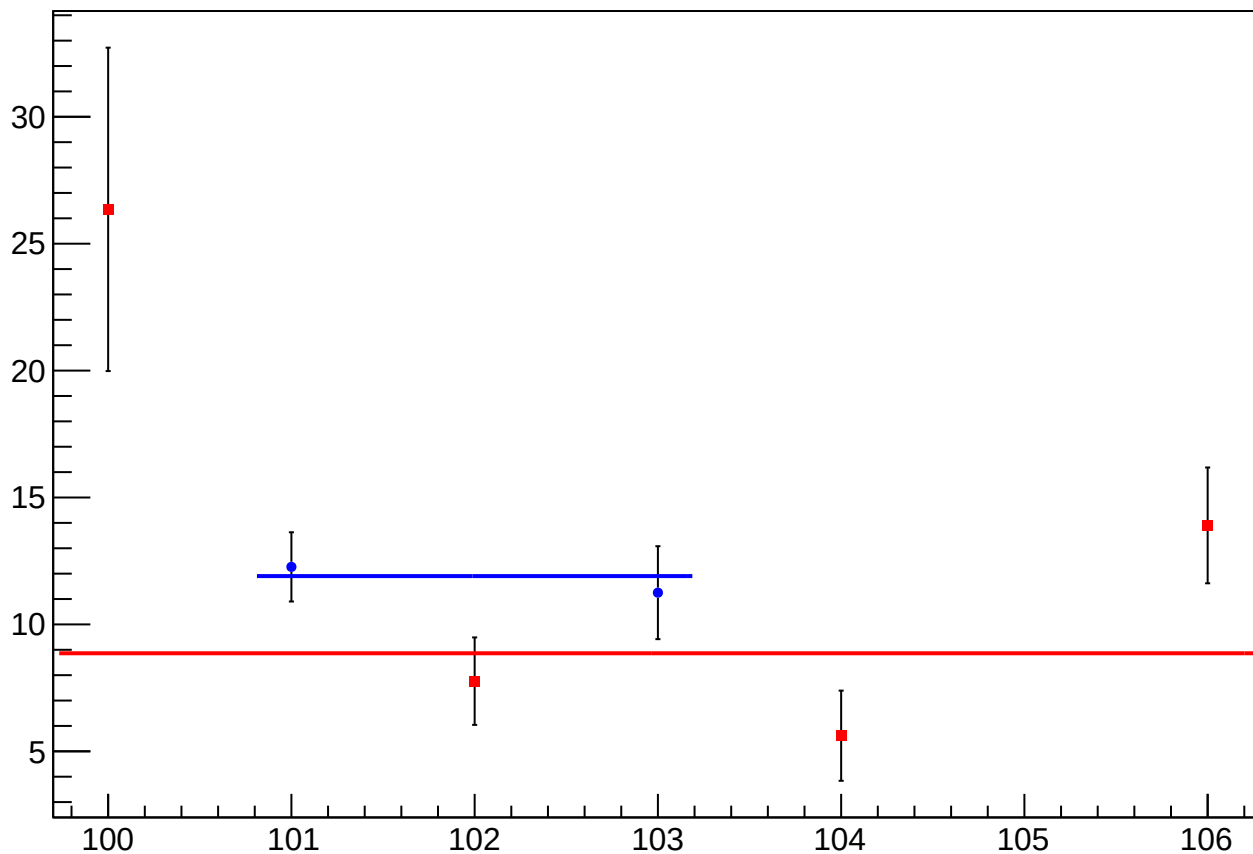
Right: 0.532 $\pm$ 0.006 χ^2 /NDF: 689.7/5

In: 0.508 $\pm$ 0.010 χ^2 /NDF: 29.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.532 $\pm$ 0.006 χ^2 /NDF: 689.7/5

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.904 $\pm$ 1.094 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.863 $\pm$ 1.072 χ^2 /NDF: 16.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

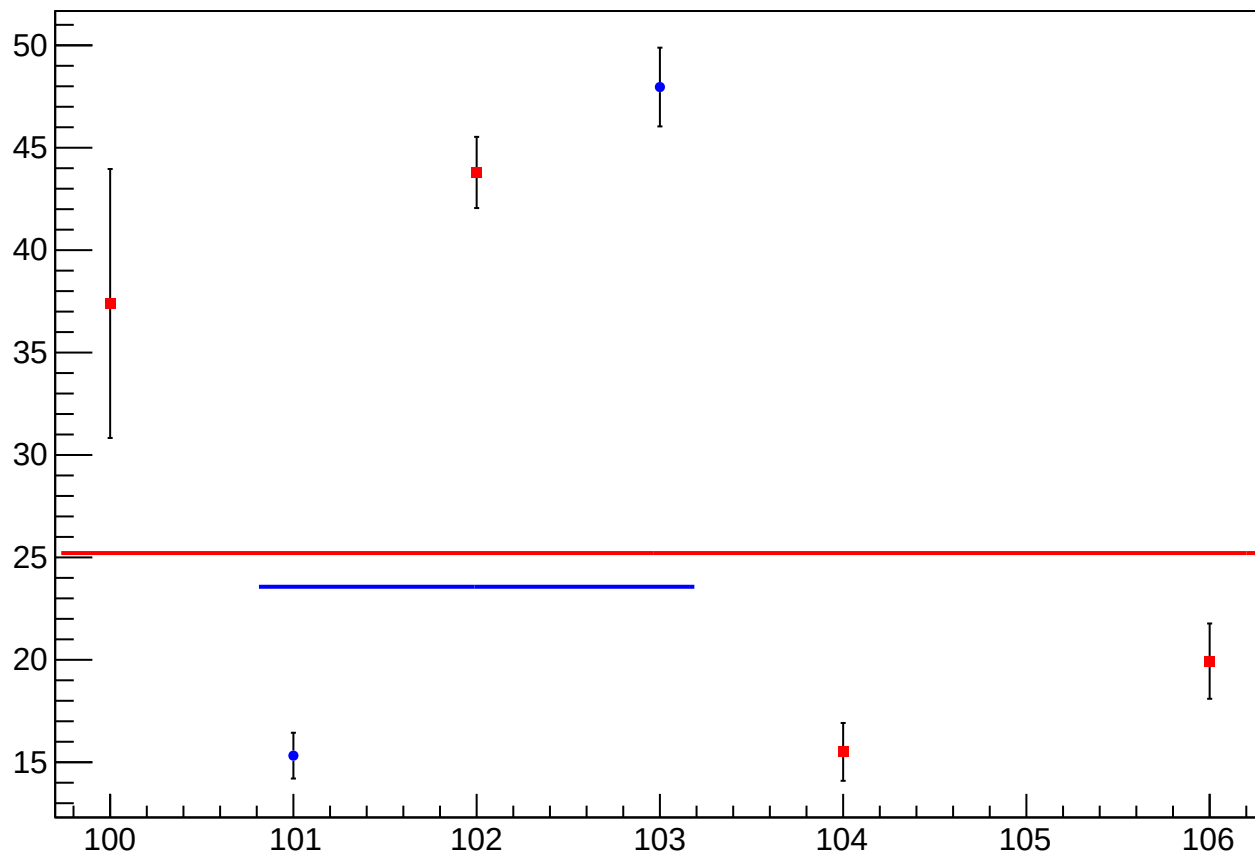
Right: 10.352 $\pm$ 0.766 χ^2 /NDF: 20.3/5

In: 11.904 $\pm$ 1.094 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.352 $\pm$ 0.766 χ^2 /NDF: 20.3/5

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.567+/-0.966 χ^2/NDF : 215.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.213+/-0.932 χ^2/NDF : 173.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

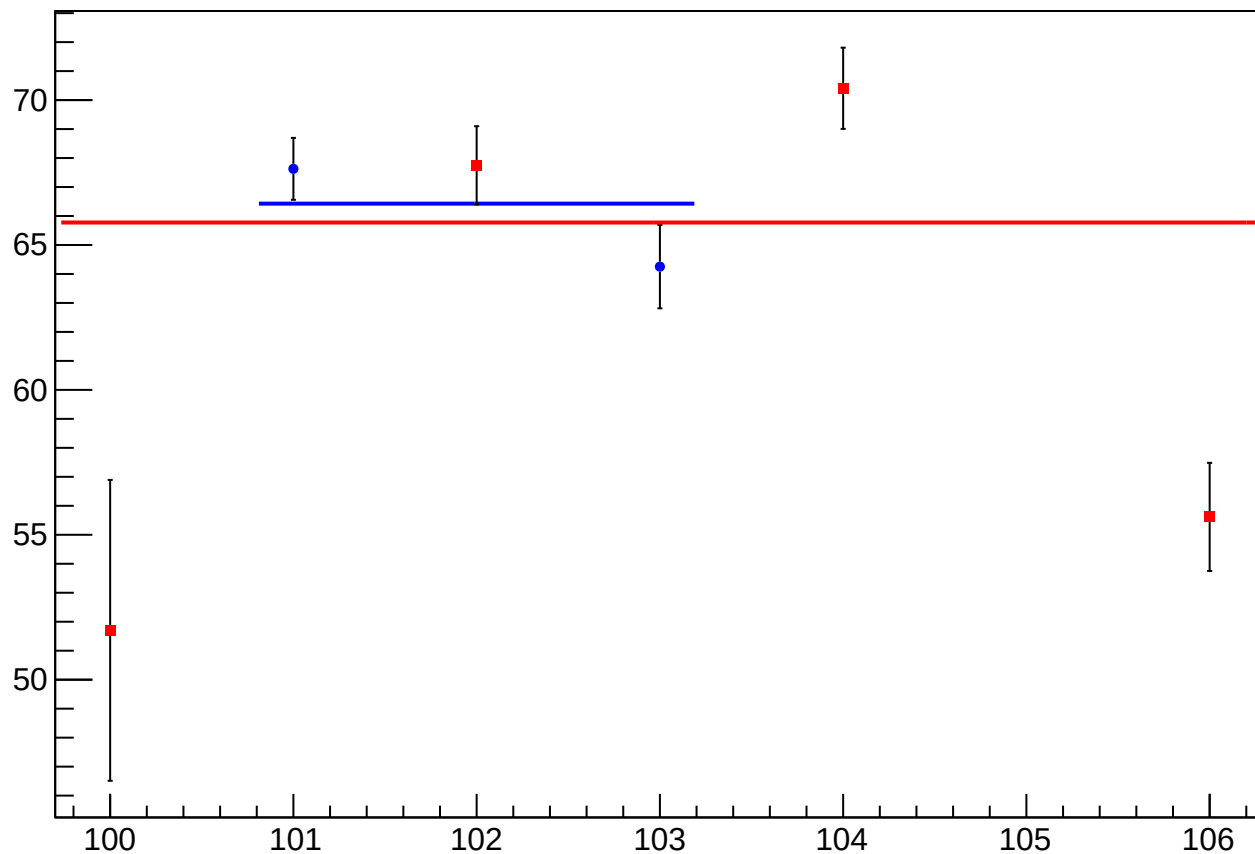
Right: 24.420+/-0.671 χ^2/NDF : 390.3/5

In: 23.567+/-0.966 χ^2/NDF : 215.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.420+/-0.671 χ^2/NDF : 390.3/5

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.427 $\pm$ 0.857 χ^2 /NDF: 3.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.776 $\pm$ 0.850 χ^2 /NDF: 50.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

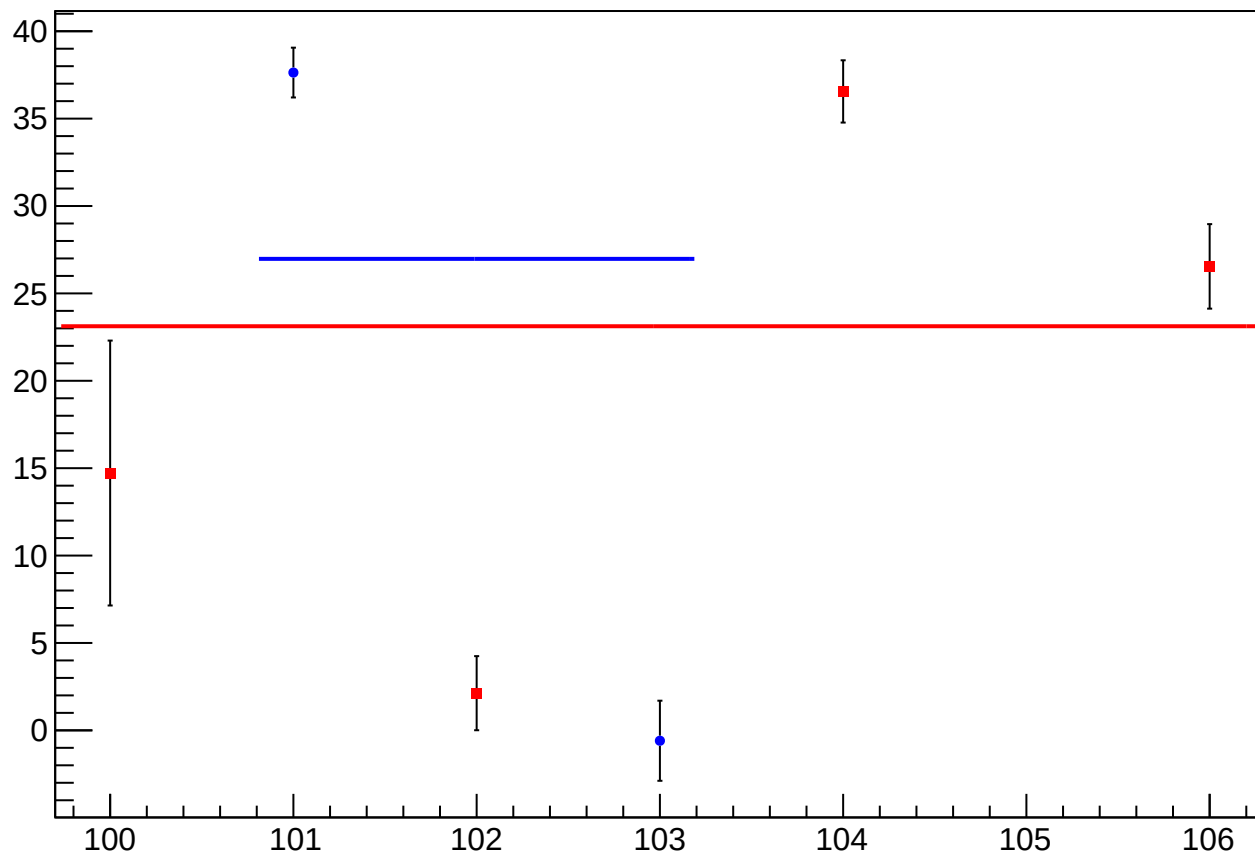
Right: 66.099 $\pm$ 0.604 χ^2 /NDF: 53.9/5

In: 66.427 $\pm$ 0.857 χ^2 /NDF: 3.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.099 $\pm$ 0.604 χ^2 /NDF: 53.9/5

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.976+/-1.210 χ^2/NDF : 200.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.121+/-1.174 χ^2/NDF : 158.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

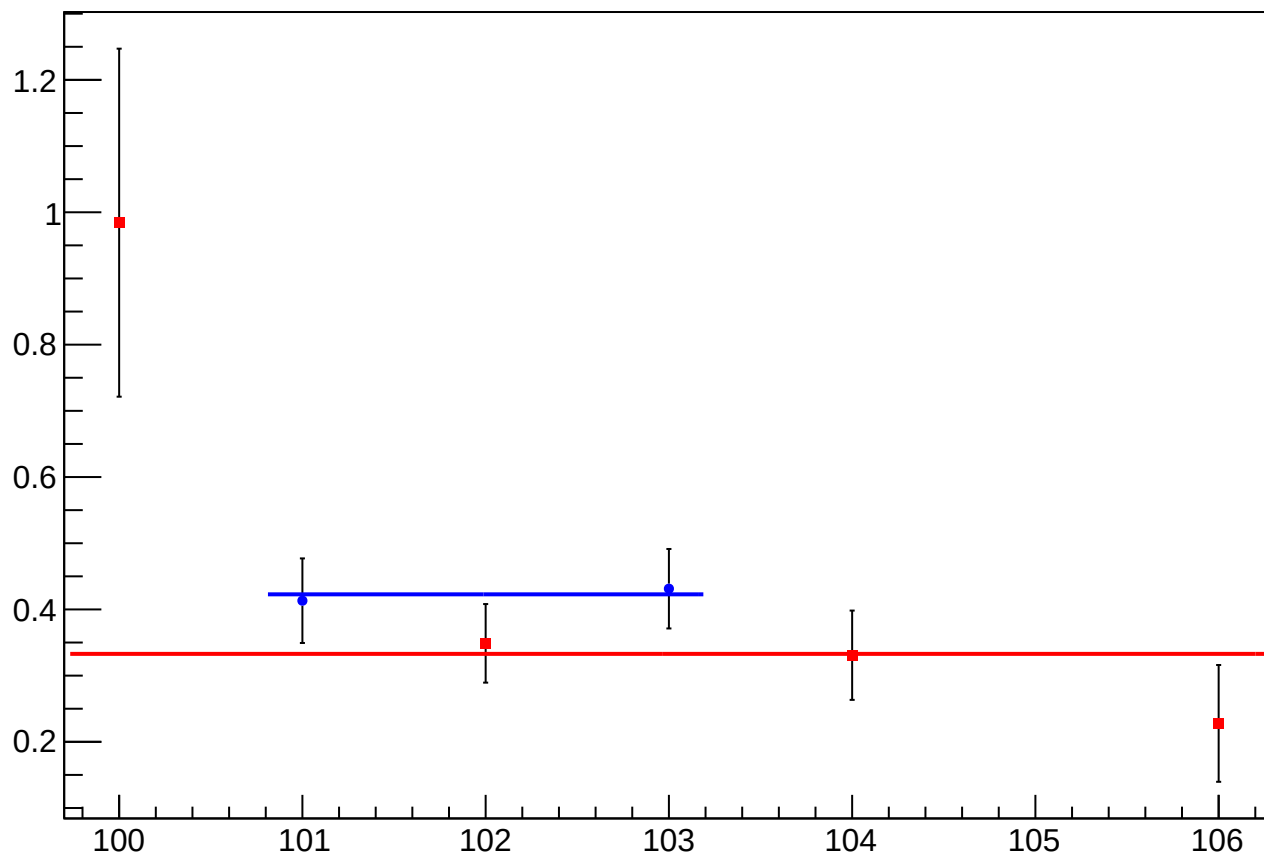
Right: 24.990+/-0.842 χ^2/NDF : 364.2/5

In: 26.976+/-1.210 χ^2/NDF : 200.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.990+/-0.842 χ^2/NDF : 364.2/5

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.423+/-0.044 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.333+/-0.039 χ^2/NDF : 7.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

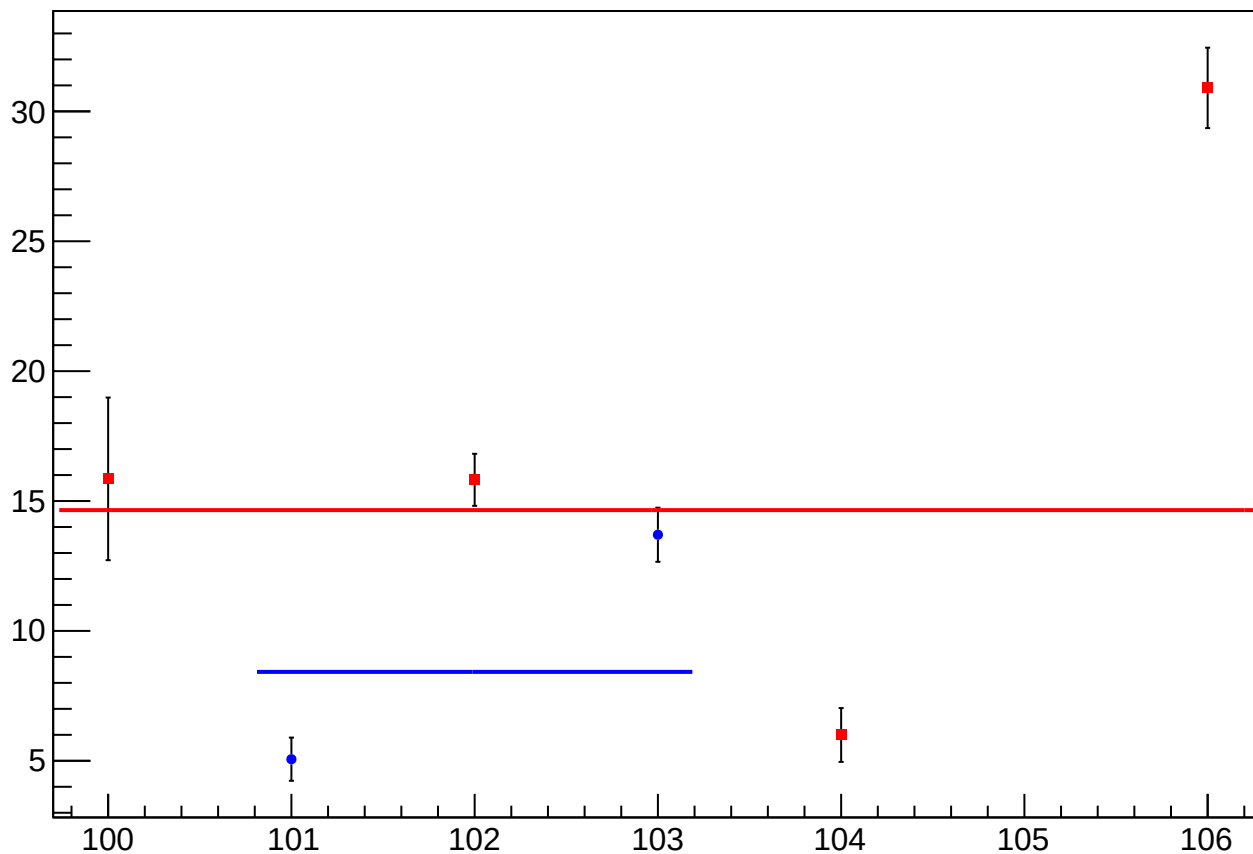
Right: 0.373+/-0.029 χ^2/NDF : 10.0/5

In: 0.423+/-0.044 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.373+/-0.029 χ^2/NDF : 10.0/5

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 8.423+/-0.650 χ^2/NDF : 42.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.650+/-0.639 χ^2/NDF : 181.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

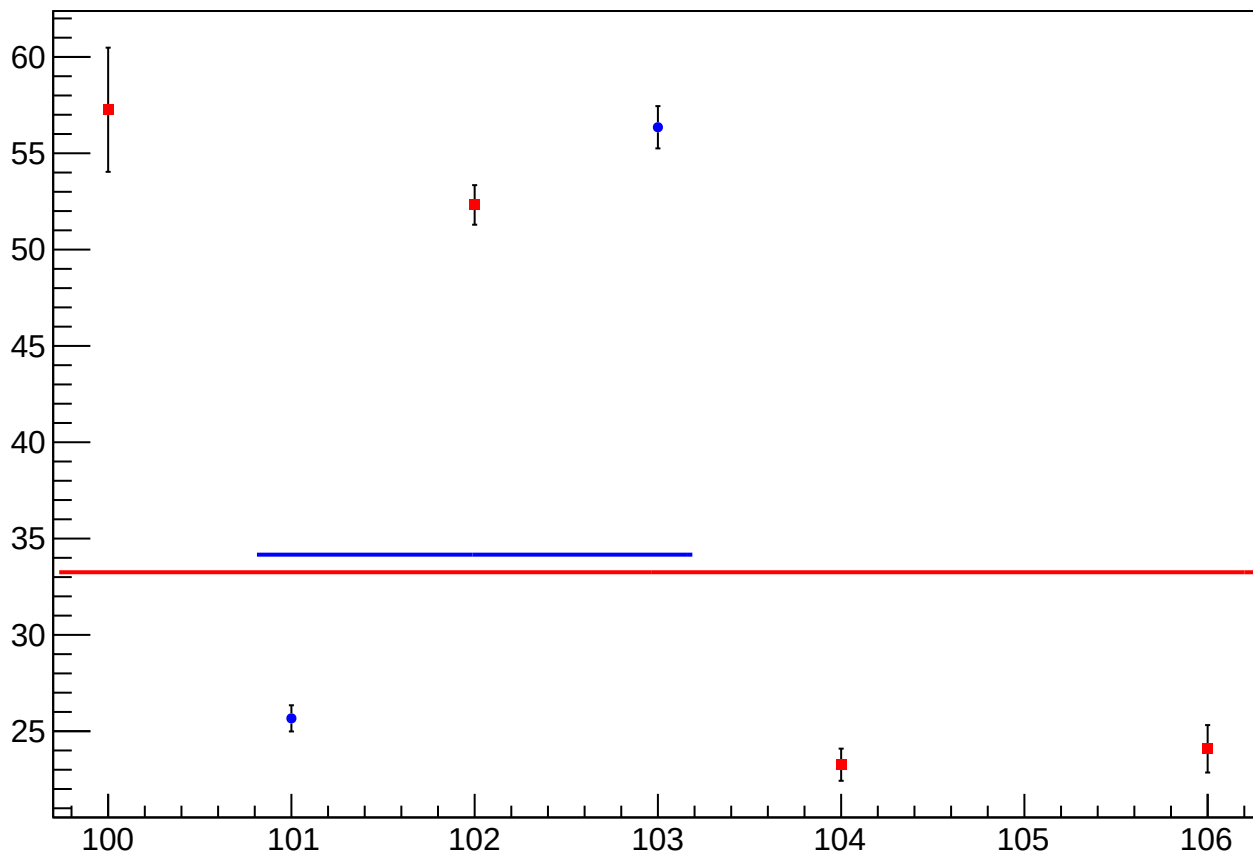
Right: 11.588+/-0.456 χ^2/NDF : 270.3/5

In: 8.423+/-0.650 χ^2/NDF : 42.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.588+/-0.456 χ^2/NDF : 270.3/5

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 34.165+/-0.578 χ^2/NDF : 565.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.251+/-0.564 χ^2/NDF : 598.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

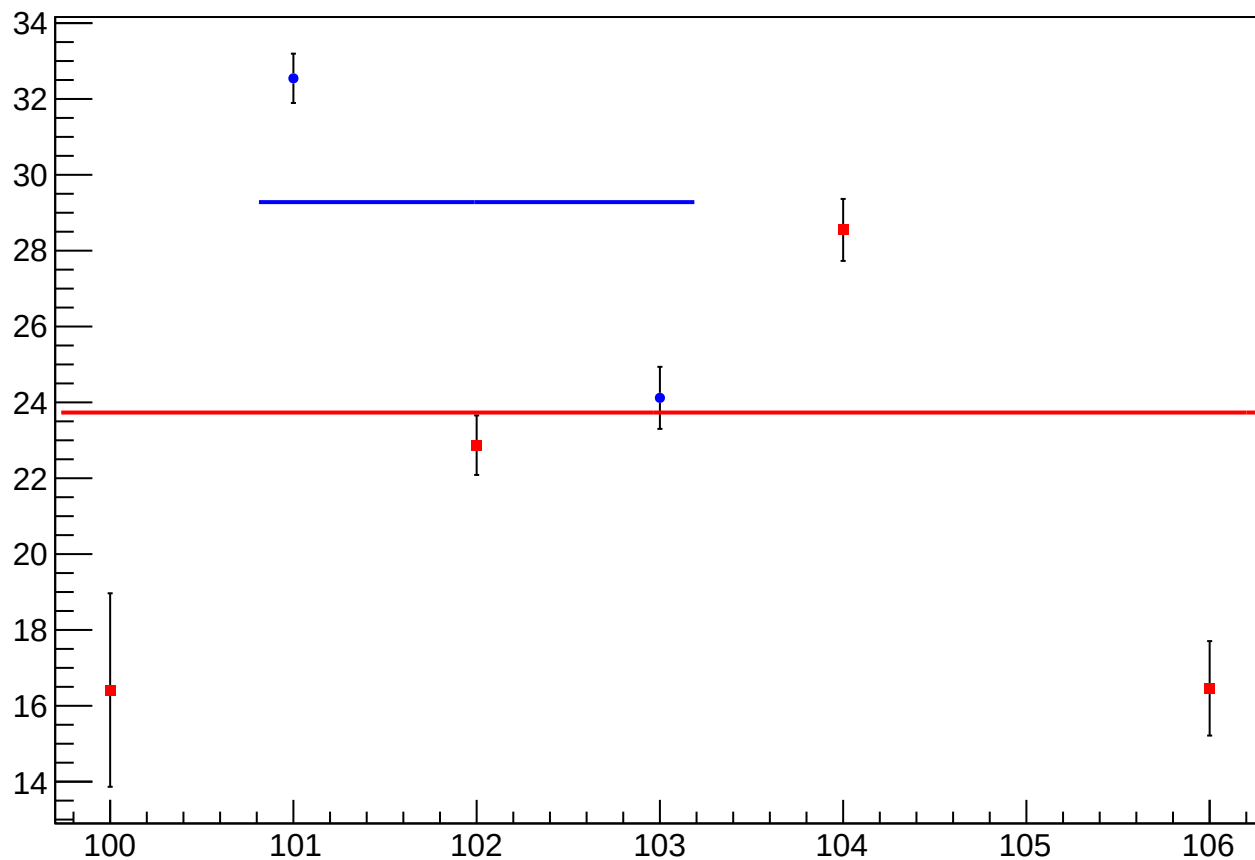
Right: 33.697+/-0.404 χ^2/NDF : 1165.0/5

In: 34.165+/-0.578 χ^2/NDF : 565.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.697+/-0.404 χ^2/NDF : 1165.0/5

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 29.280 $\pm$ 0.509 χ^2 /NDF: 65.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.732 $\pm$ 0.505 χ^2 /NDF: 78.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

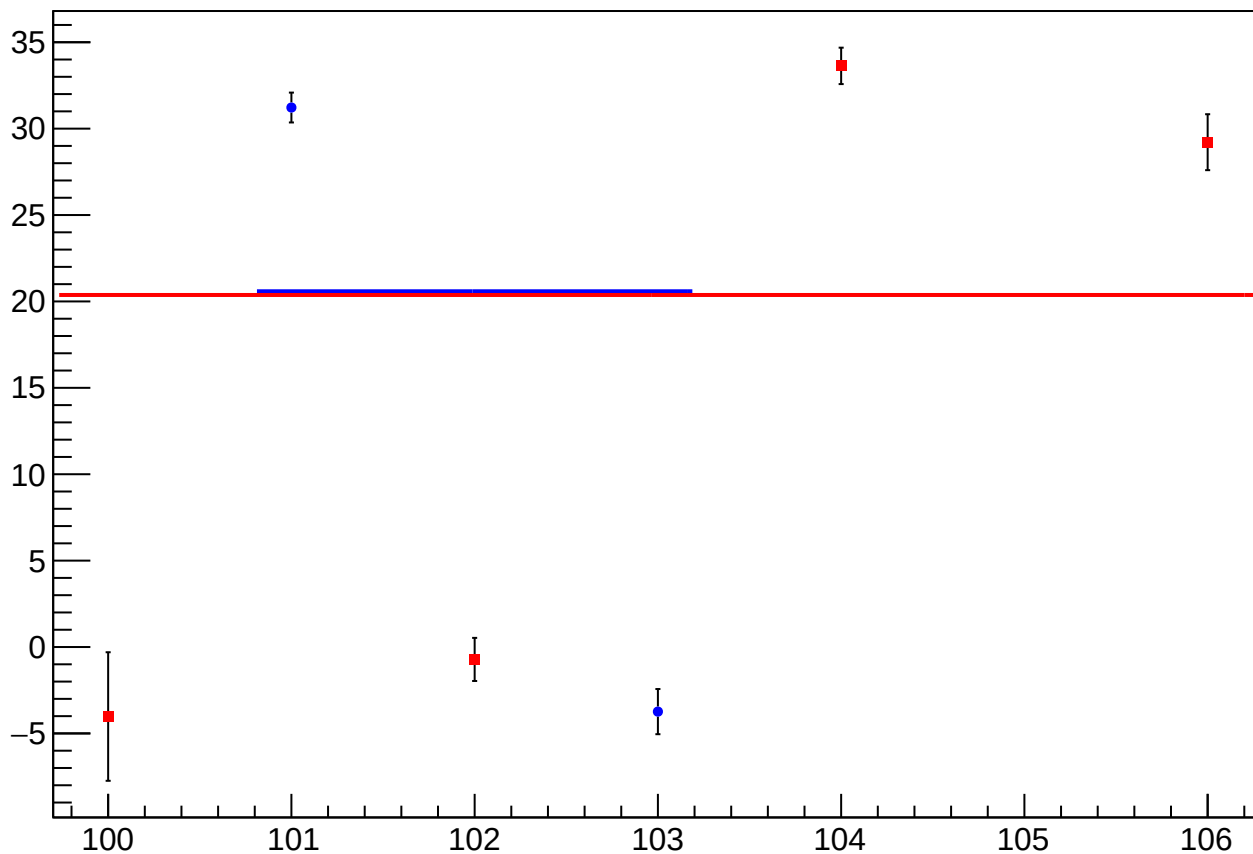
Right: 26.485 $\pm$ 0.359 χ^2 /NDF: 203.1/5

In: 29.280 $\pm$ 0.509 χ^2 /NDF: 65.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.485 $\pm$ 0.359 χ^2 /NDF: 203.1/5

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.588 ± 0.721 χ^2/NDF : 497.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.374 ± 0.708 χ^2/NDF : 517.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

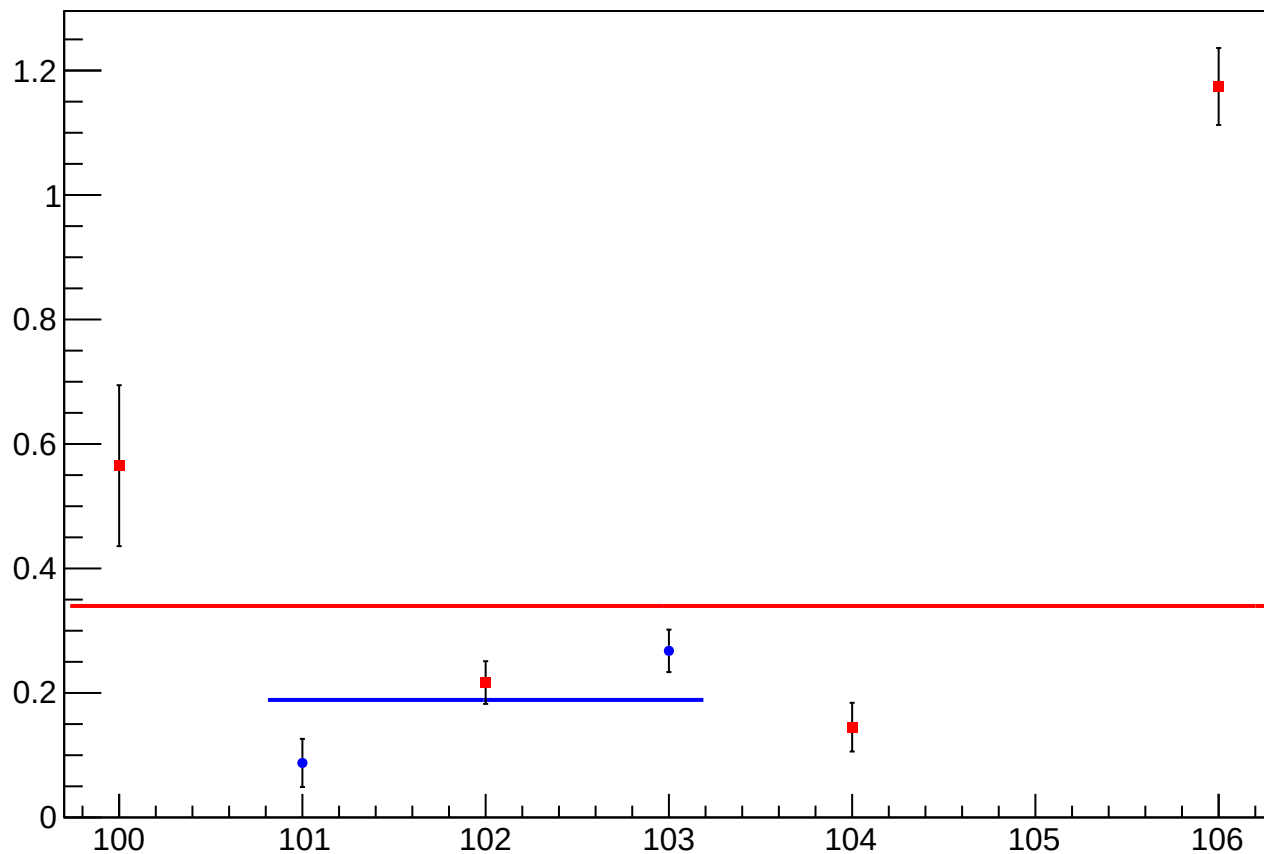
Right: 20.479 ± 0.505 χ^2/NDF : 1015.0/5

In: 20.588 ± 0.721 χ^2/NDF : 497.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 20.479 ± 0.505 χ^2/NDF : 1015.0/5

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.189+/-0.026 χ^2/NDF : 12.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.340+/-0.023 χ^2/NDF : 222.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

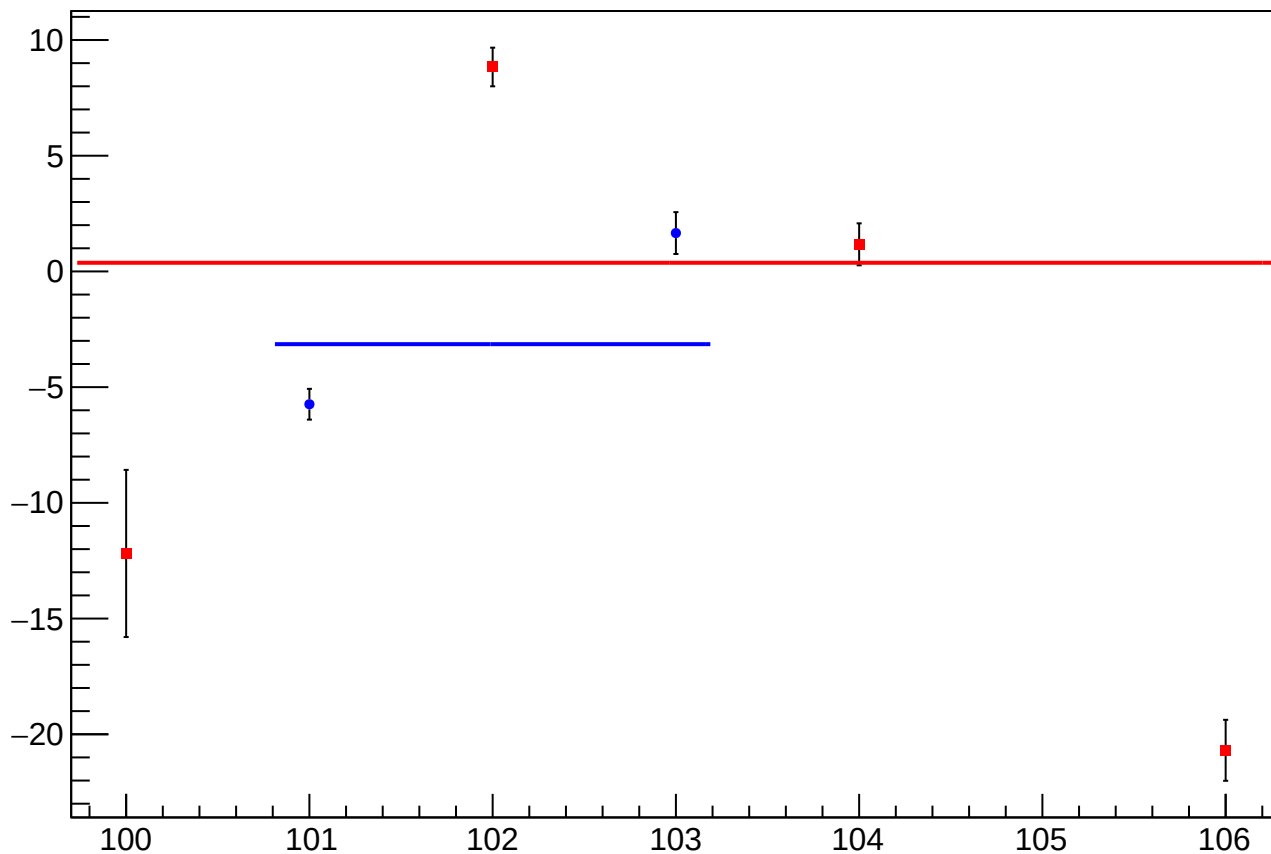
Right: 0.271+/-0.017 χ^2/NDF : 253.9/5

In: 0.189+/-0.026 χ^2/NDF : 12.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.271+/-0.017 χ^2/NDF : 253.9/5

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.143+/-0.536 χ^2/NDF : 43.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.374+/-0.550 χ^2/NDF : 371.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

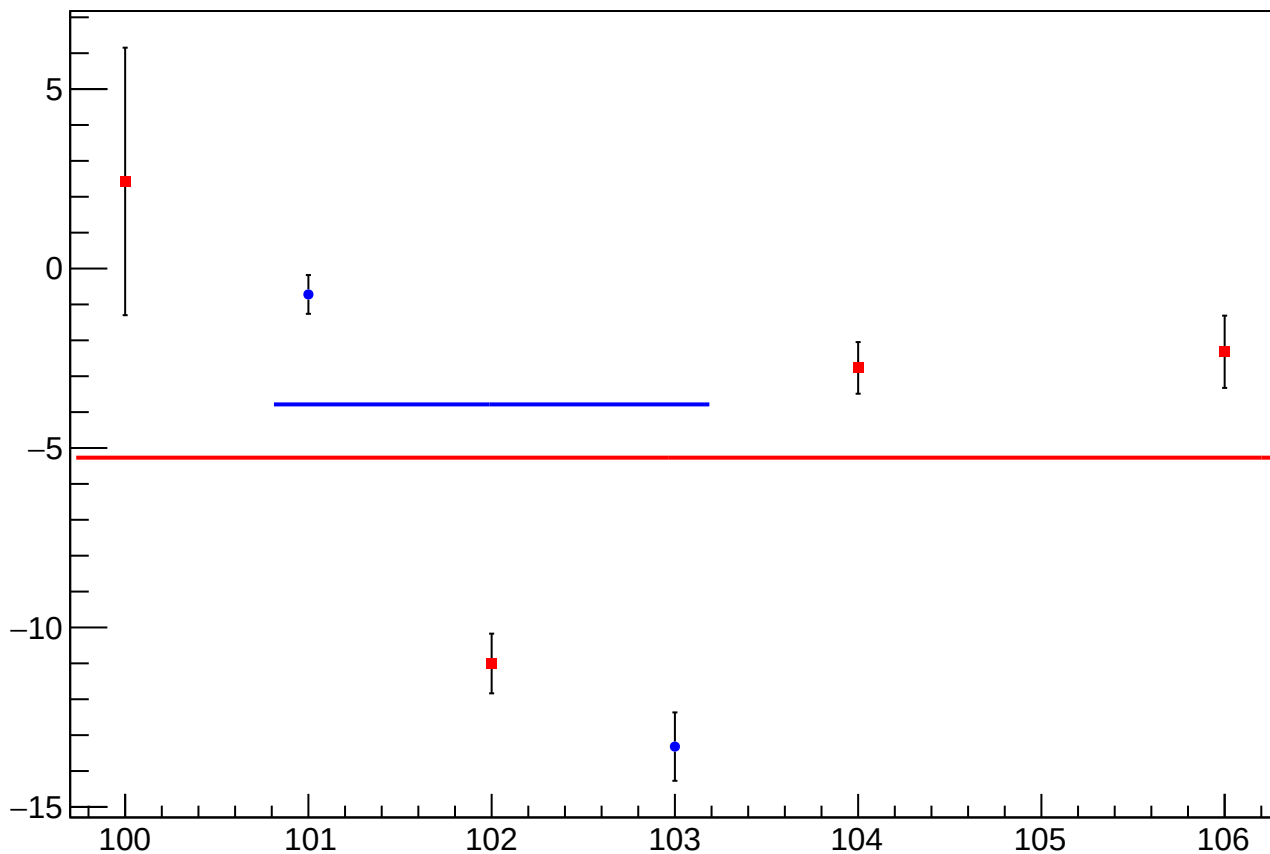
Right: -1.432+/-0.384 χ^2/NDF : 435.7/5

In: -3.143+/-0.536 χ^2/NDF : 43.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.432+/-0.384 χ^2/NDF : 435.7/5

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.785+/-0.470 χ^2/NDF : 132.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.269+/-0.475 χ^2/NDF : 72.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

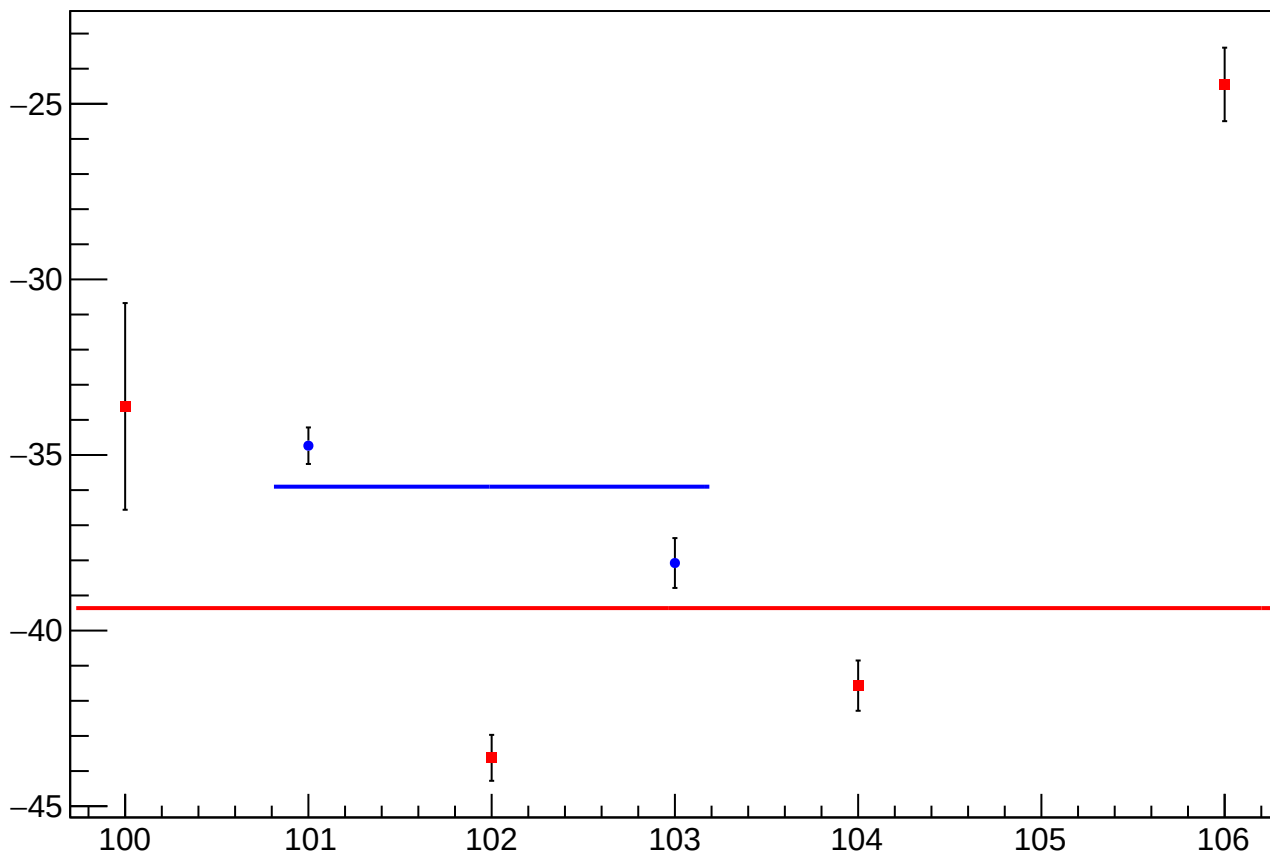
Right: -4.520+/-0.334 χ^2/NDF : 209.8/5

In: -3.785+/-0.470 χ^2/NDF : 132.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.520+/-0.334 χ^2/NDF : 209.8/5

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.902 ± 0.420 $\chi^2/\text{NDF}: 14.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.360 ± 0.434 $\chi^2/\text{NDF}: 258.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

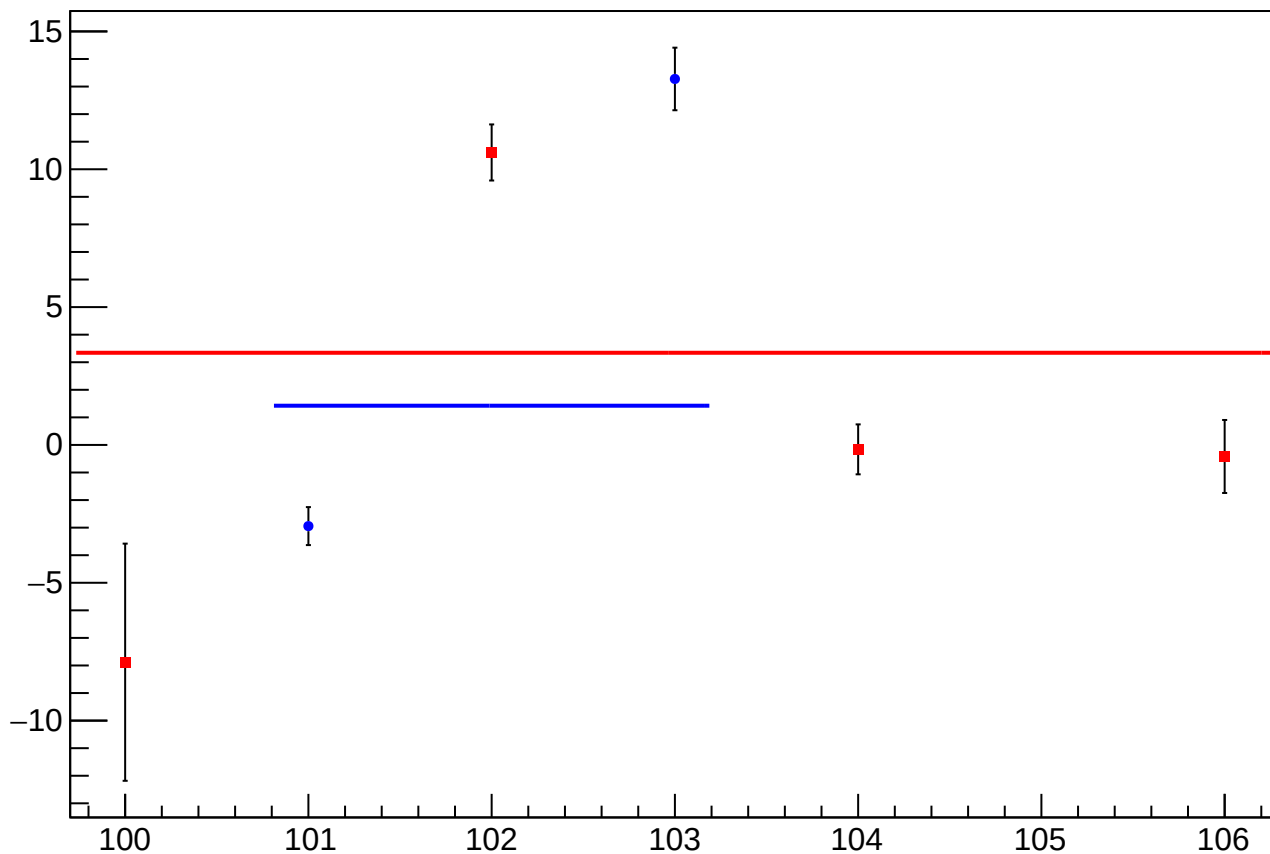
Right: -37.574 ± 0.301 $\chi^2/\text{NDF}: 306.2/5$

In: -35.902 ± 0.420 $\chi^2/\text{NDF}: 14.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.574 ± 0.301 $\chi^2/\text{NDF}: 306.2/5$

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.423+/-0.589 χ^2/NDF : 149.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.343+/-0.597 χ^2/NDF : 80.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

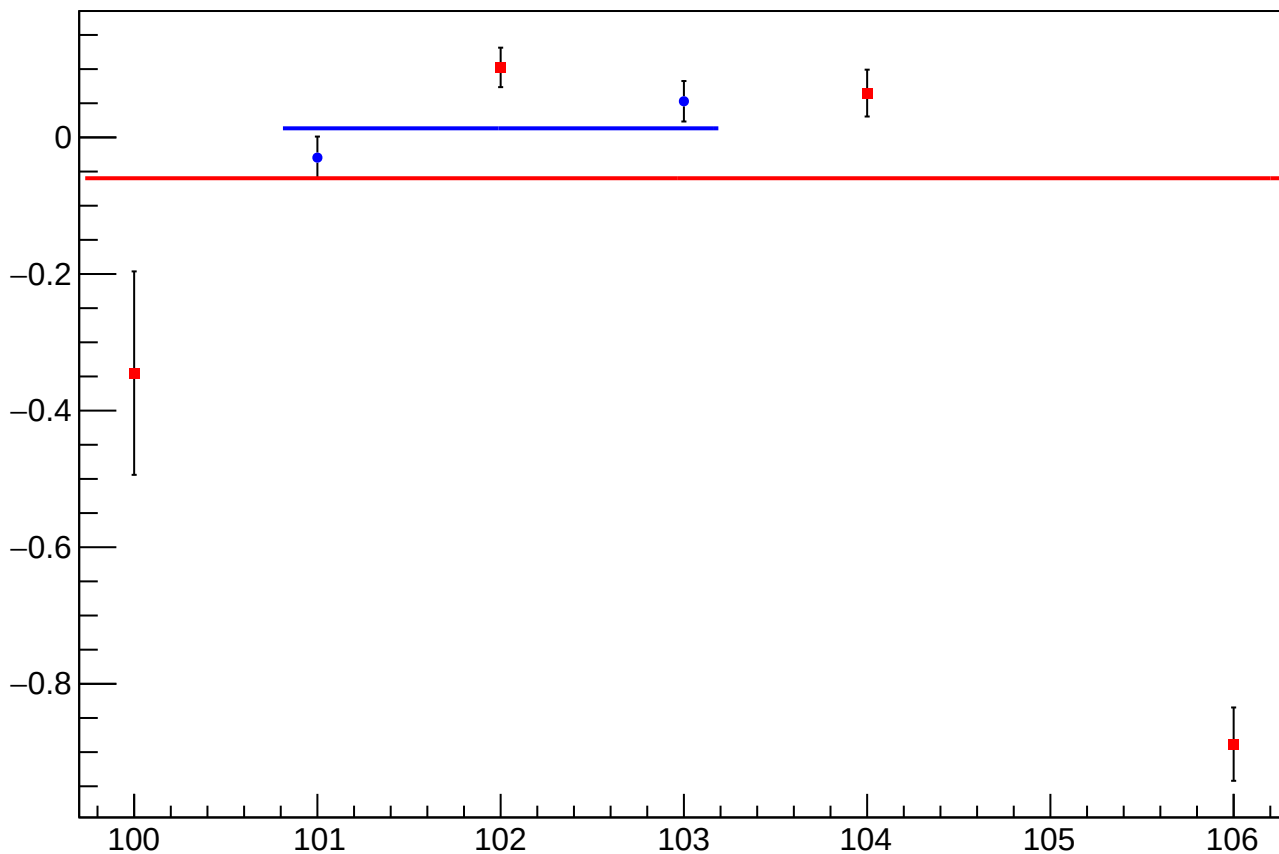
Right: 2.371+/-0.419 χ^2/NDF : 235.4/5

In: 1.423+/-0.589 χ^2/NDF : 149.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.371+/-0.419 χ^2/NDF : 235.4/5

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.013+/-0.021 χ^2/NDF : 3.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.060+/-0.020 χ^2/NDF : 286.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

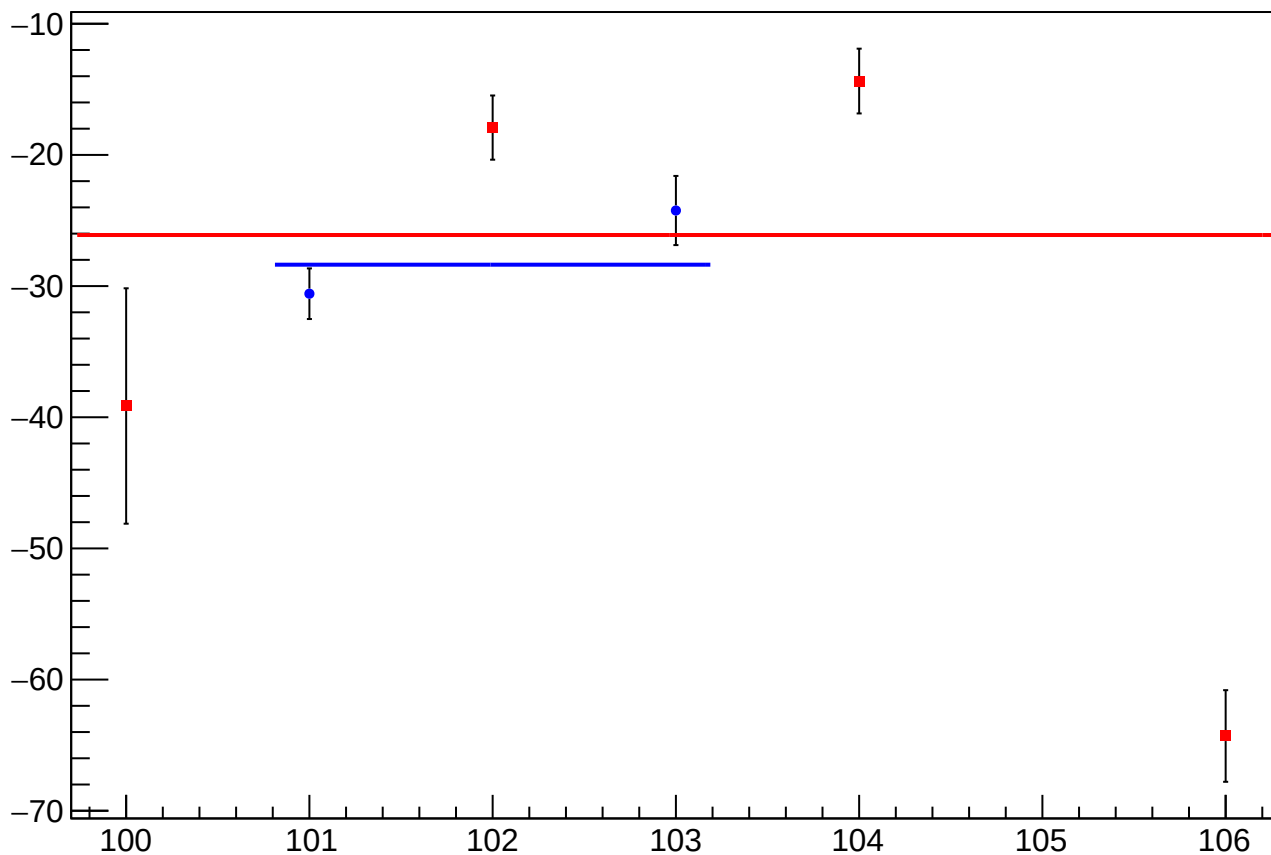
Right: -0.025+/-0.015 χ^2/NDF : 296.6/5

In: 0.013+/-0.021 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.015 χ^2/NDF : 296.6/5

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.369 $\pm$ 1.557 χ^2 /NDF: 3.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.106 $\pm$ 1.533 χ^2 /NDF: 155.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

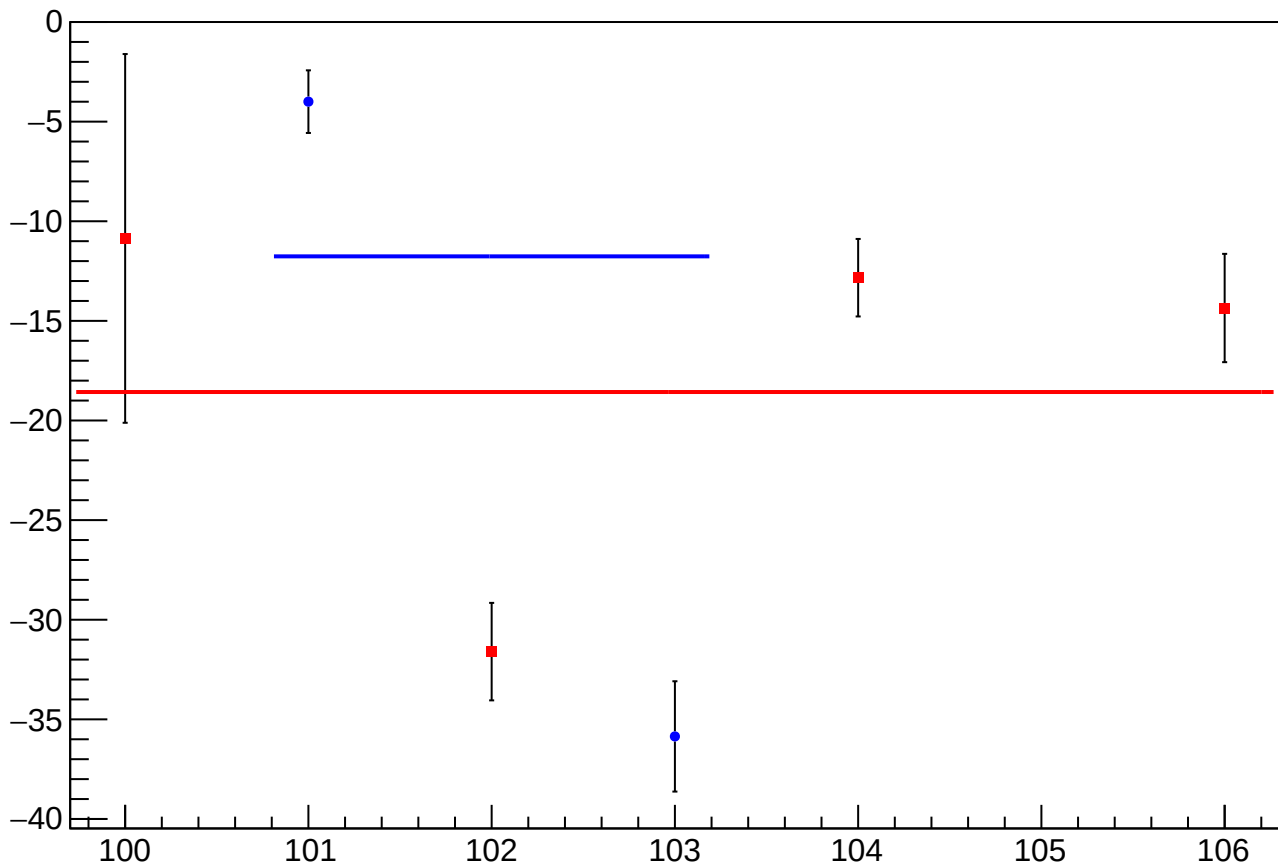
Right: -27.220 $\pm$ 1.092 χ^2 /NDF: 160.3/5

In: -28.369 $\pm$ 1.557 χ^2 /NDF: 3.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.220 $\pm$ 1.092 χ^2 /NDF: 160.3/5

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.762 $\pm$ 1.367 χ^2 /NDF: 100.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.571 $\pm$ 1.315 χ^2 /NDF: 40.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

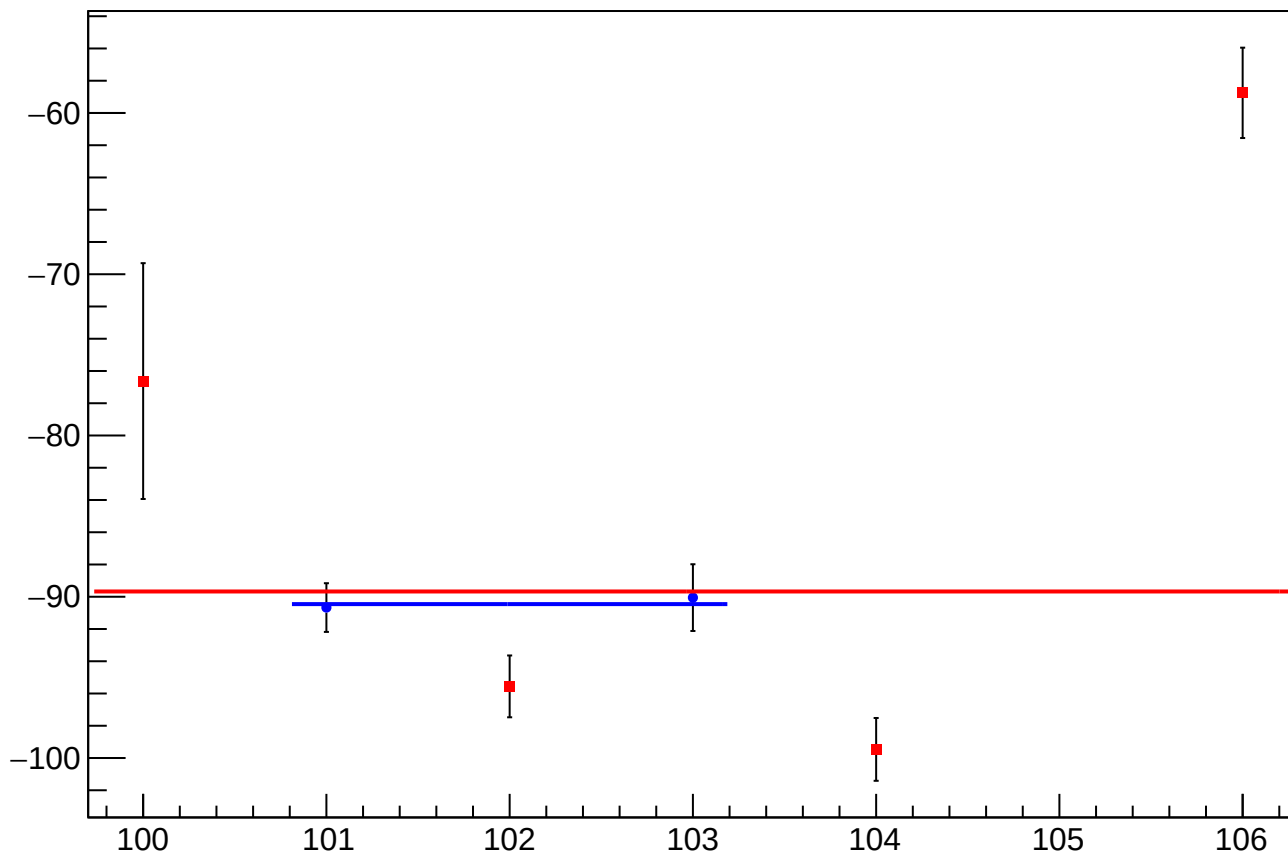
Right: -15.298 $\pm$ 0.948 χ^2 /NDF: 153.2/5

In: -11.762 $\pm$ 1.367 χ^2 /NDF:100.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.298 $\pm$ 0.948 χ^2 /NDF: 153.2/5

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -90.456+/-1.220 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.673+/-1.211 χ^2/NDF : 159.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

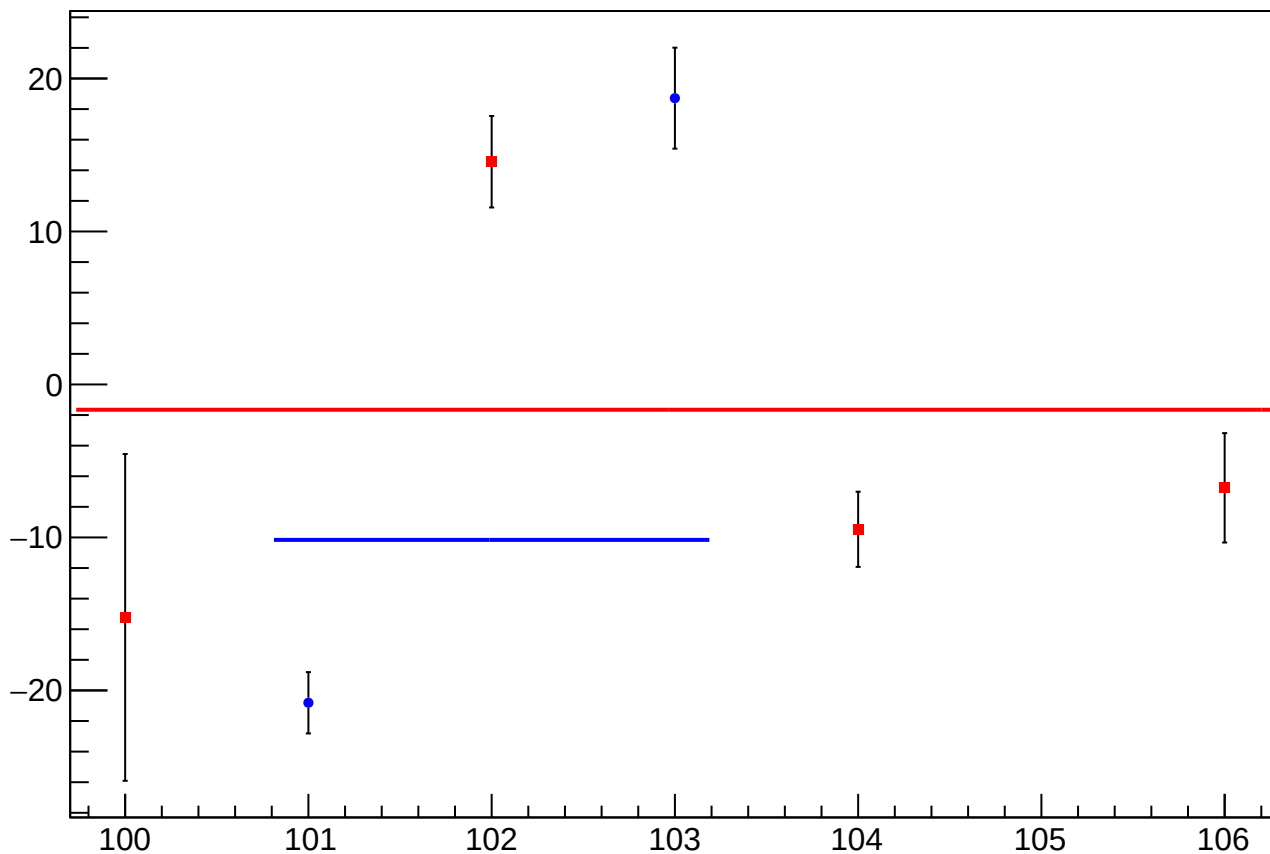
Right: -90.062+/-0.859 χ^2/NDF : 160.0/5

In: -90.456+/-1.220 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.062+/-0.859 χ^2/NDF : 160.0/5

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.160 ± 1.713 $\chi^2/\text{NDF}: 104.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.653 ± 1.657 $\chi^2/\text{NDF}: 43.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

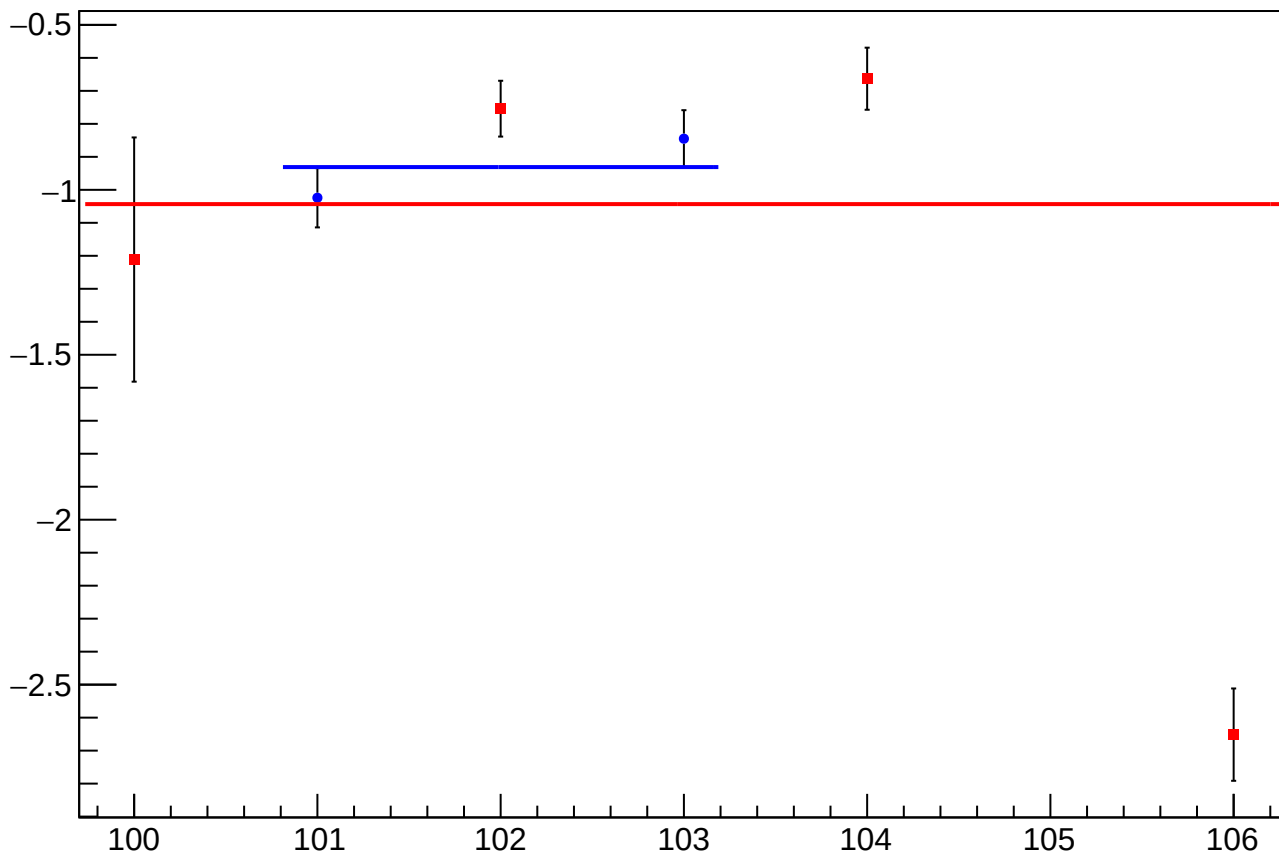
Right: -5.764 ± 1.191 $\chi^2/\text{NDF}: 160.6/5$

In: -10.160 ± 1.713 $\chi^2/\text{NDF}: 104.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.764 ± 1.191 $\chi^2/\text{NDF}: 160.6/5$

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.931 ± 0.062 χ^2/NDF : 2.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.043 ± 0.057 χ^2/NDF : 160.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

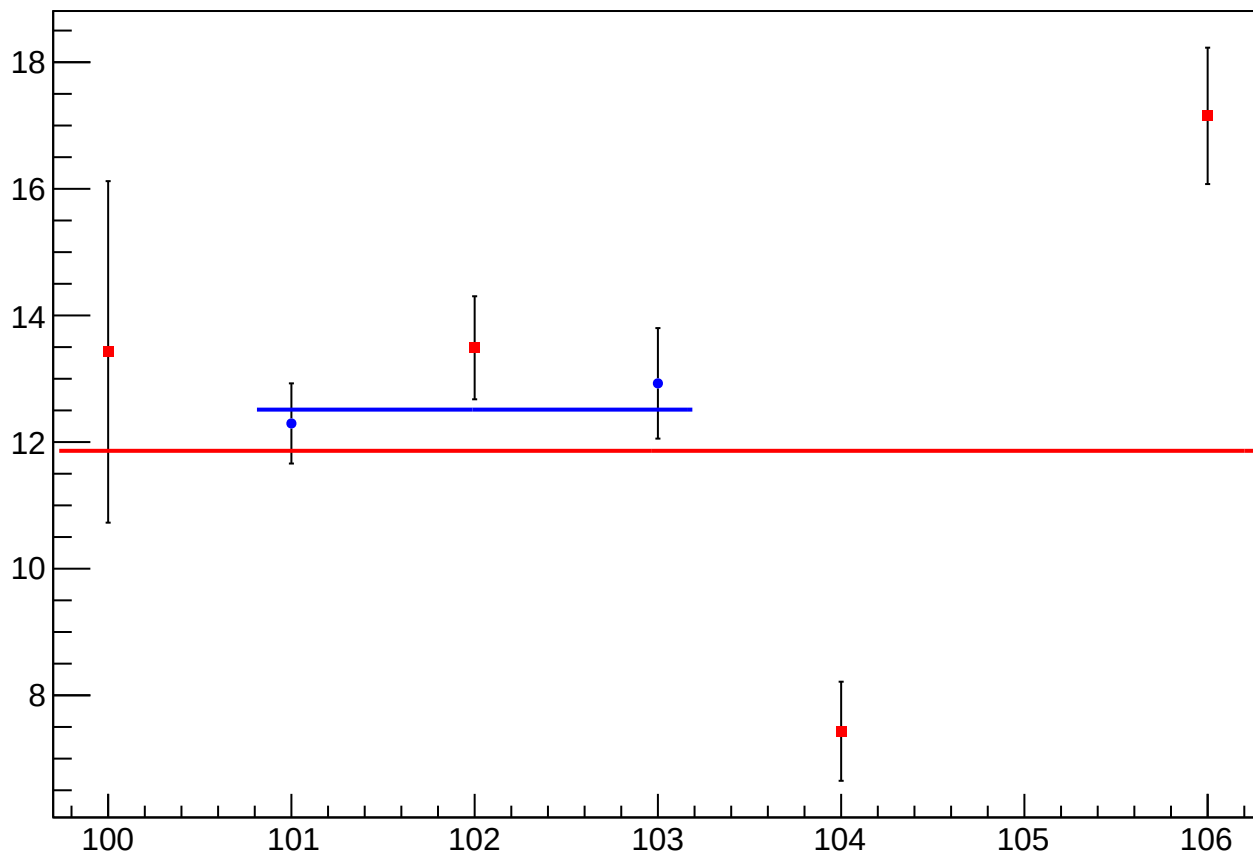
Right: -0.992 ± 0.042 χ^2/NDF : 164.1/5

In: -0.931 ± 0.062 χ^2/NDF : 2.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.992 ± 0.042 χ^2/NDF : 164.1/5

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.513+/-0.513 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.862+/-0.491 χ^2/NDF : 60.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

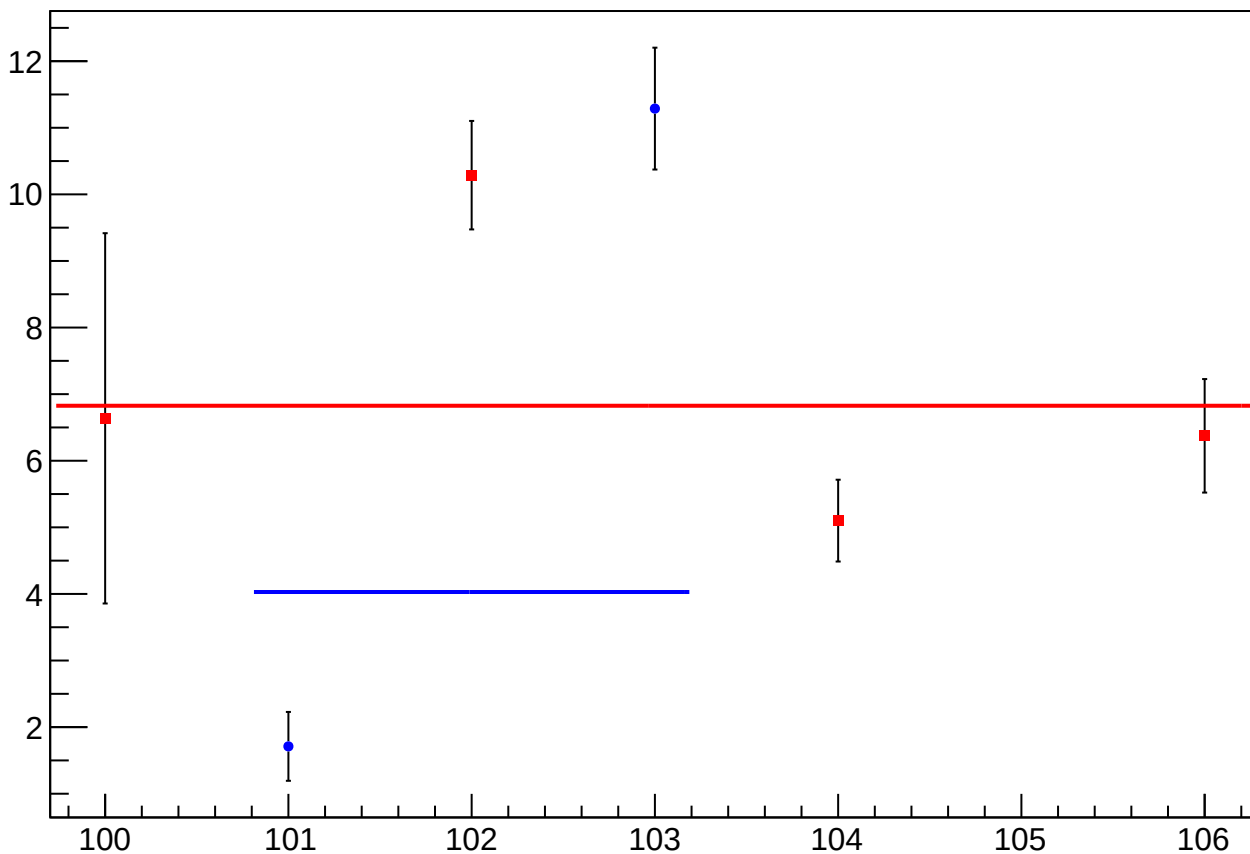
Right: 12.173+/-0.355 χ^2/NDF : 61.7/5

In: 12.513+/-0.513 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.173+/-0.355 χ^2/NDF : 61.7/5

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.029+/-0.450 χ^2/NDF : 83.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.826+/-0.420 χ^2/NDF : 26.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

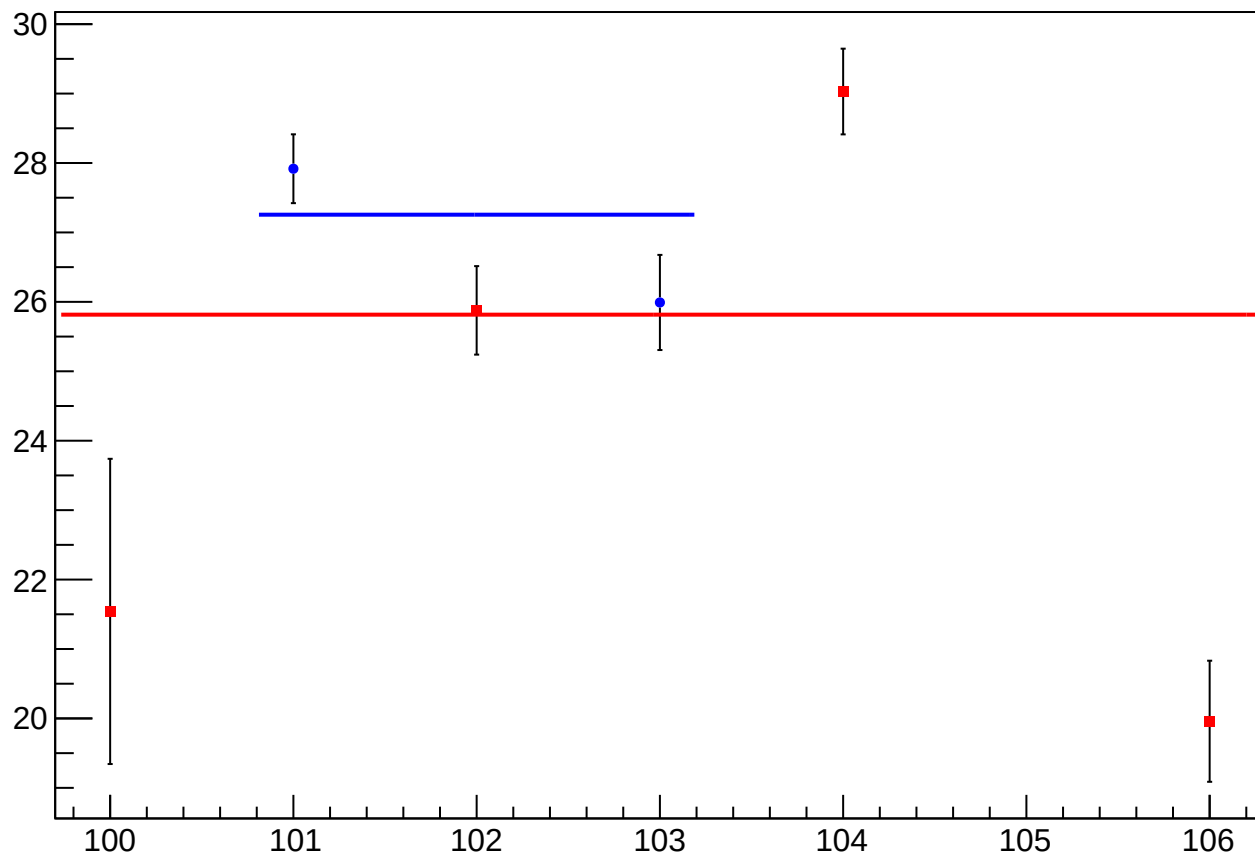
Right: 5.523+/-0.307 χ^2/NDF : 129.9/5

In: 4.029+/-0.450 χ^2/NDF : 83.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.523+/-0.307 χ^2/NDF : 129.9/5

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.256+/-0.402 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.816+/-0.389 χ^2/NDF : 76.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

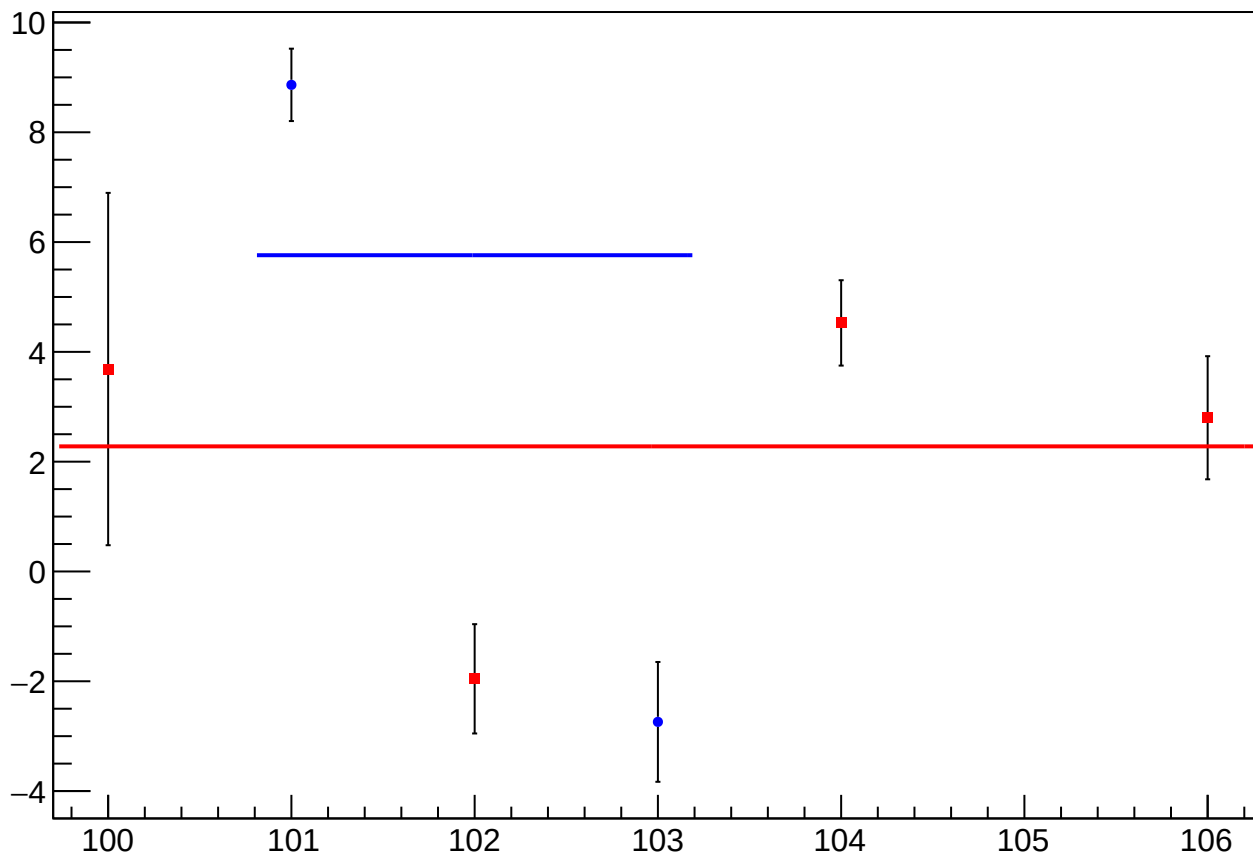
Right: 26.513+/-0.279 χ^2/NDF : 87.8/5

In: 27.256+/-0.402 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.513+/-0.279 χ^2/NDF : 87.8/5

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.761 $\pm$ 0.564 χ^2 /NDF: 82.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.279 $\pm$ 0.530 χ^2 /NDF: 26.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

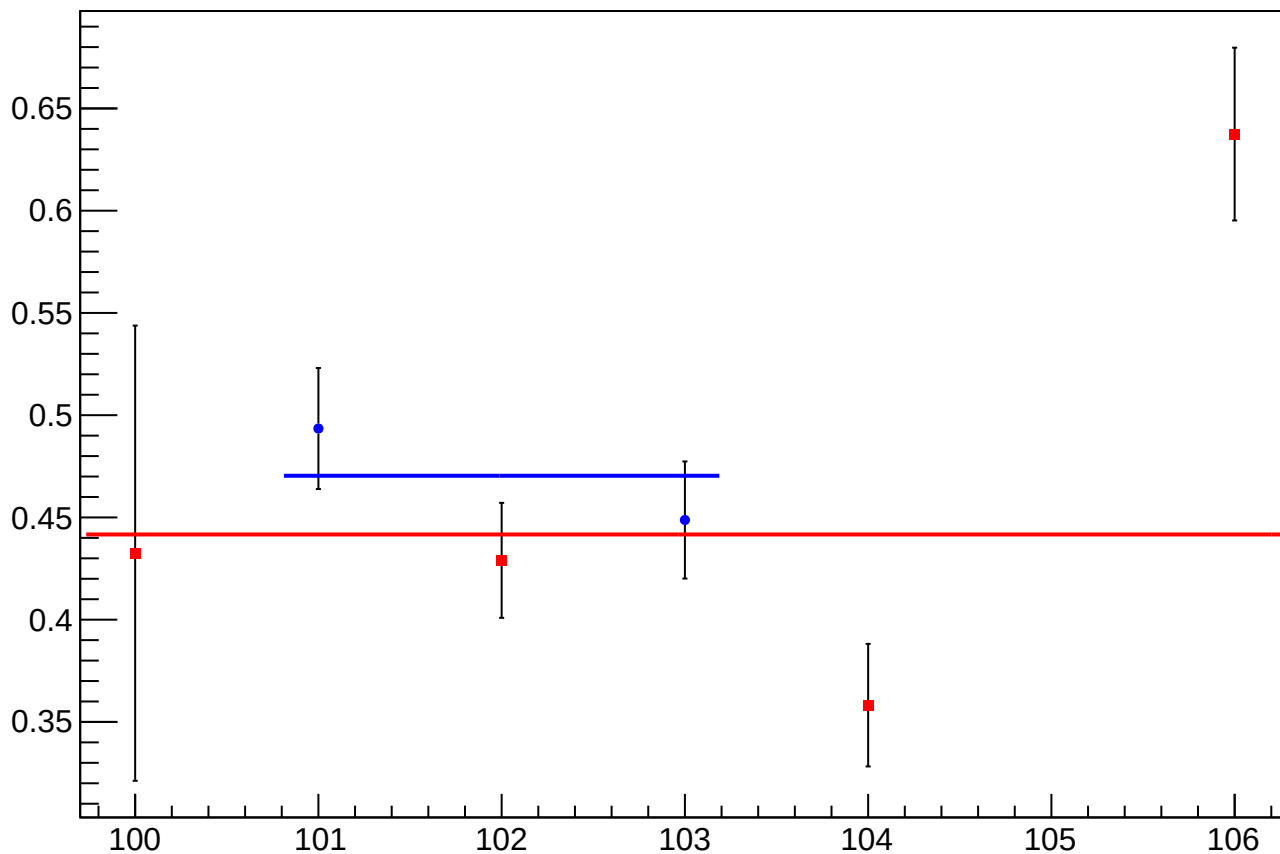
Right: 3.911 $\pm$ 0.386 χ^2 /NDF: 129.9/5

In: 5.761 $\pm$ 0.564 χ^2 /NDF:82.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.911 $\pm$ 0.386 χ^2 /NDF: 129.9/5

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.470 $\pm$ 0.021 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.442 $\pm$ 0.018 χ^2 /NDF: 29.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

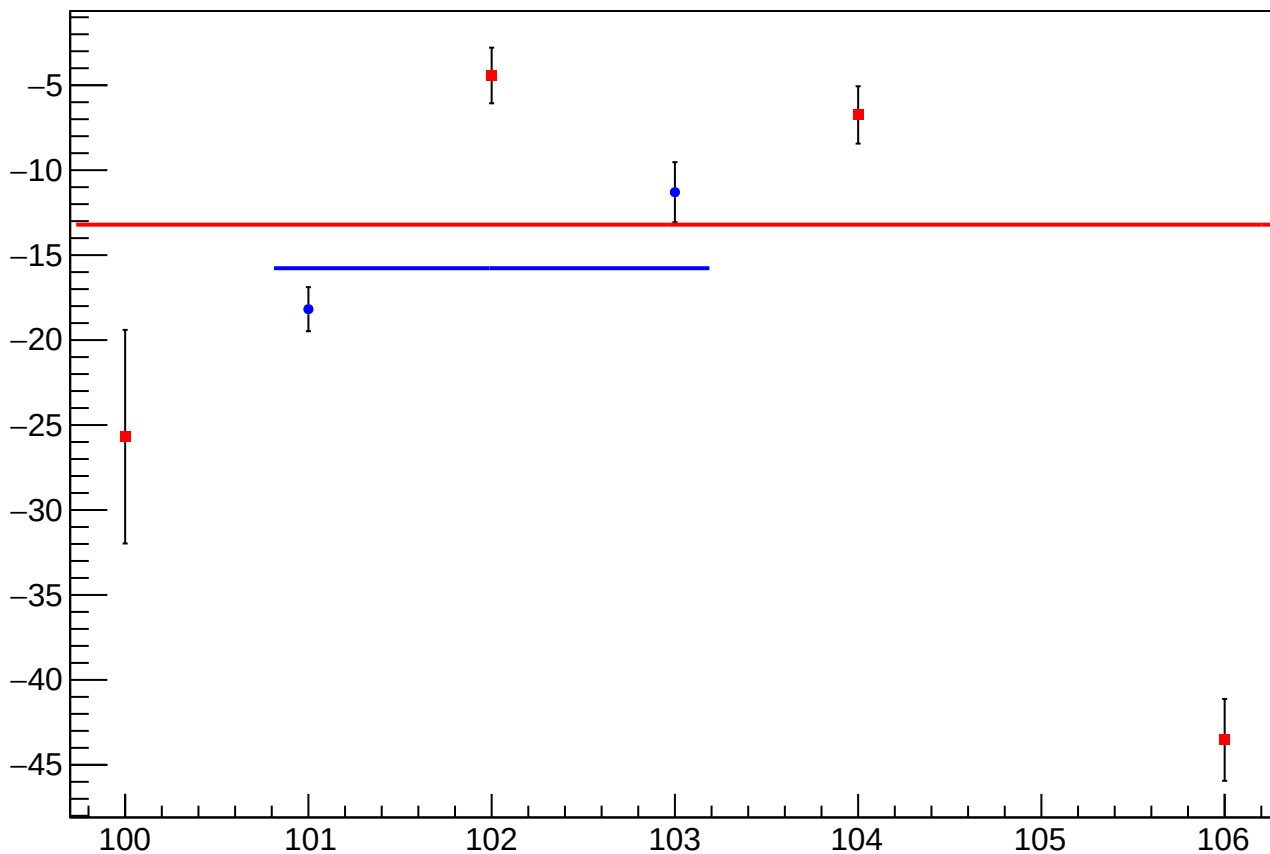
Right: 0.454 $\pm$ 0.014 χ^2 /NDF: 31.7/5

In: 0.470 $\pm$ 0.021 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.454 $\pm$ 0.014 χ^2 /NDF: 31.7/5

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.770 $\pm$ 1.045 χ^2 /NDF: 9.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.207 $\pm$ 1.041 χ^2 /NDF: 205.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

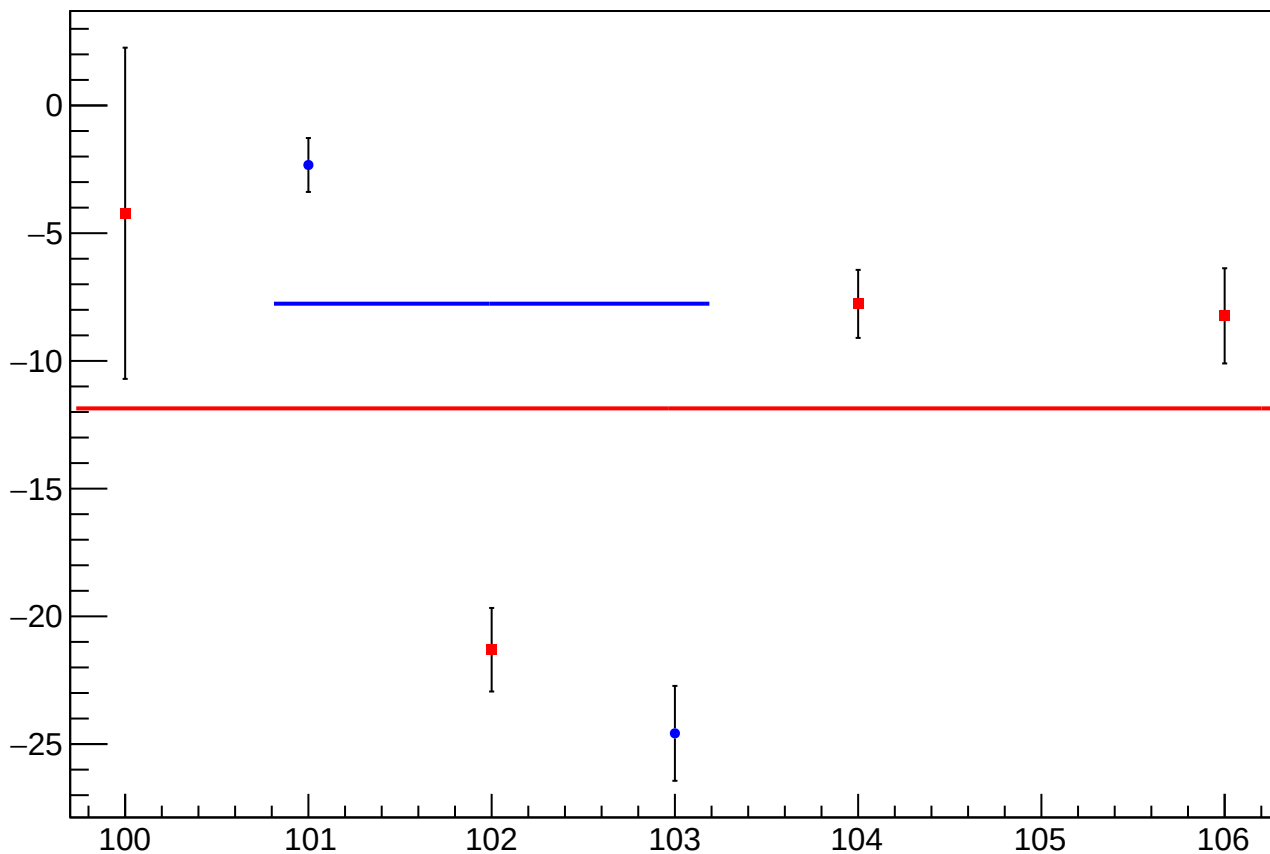
Right: -14.484 $\pm$ 0.738 χ^2 /NDF: 218.8/5

In: -15.770 $\pm$ 1.045 χ^2 /NDF:9.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.484 $\pm$ 0.738 χ^2 /NDF: 218.8/5

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.760+/-0.918 χ^2/NDF : 108.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.858+/-0.895 χ^2/NDF : 48.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

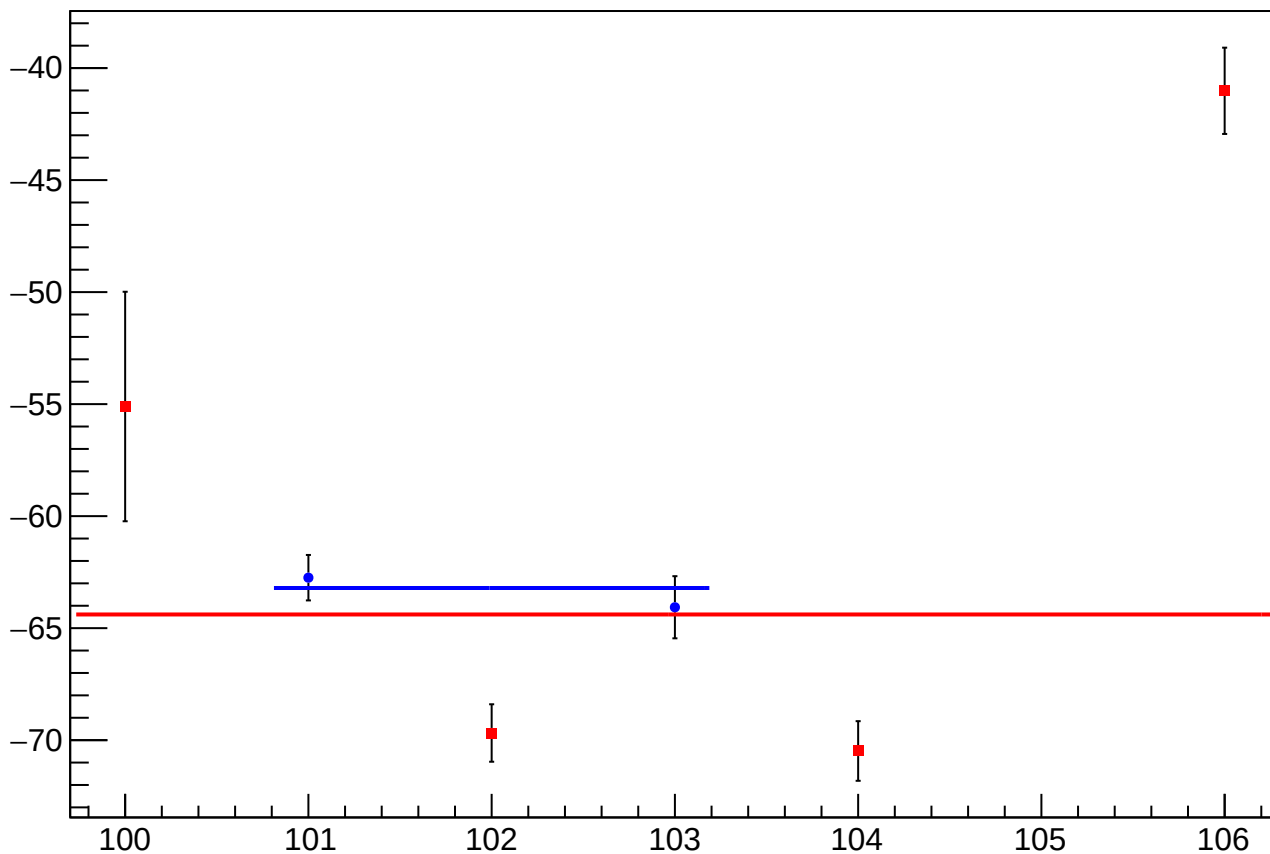
Right: -9.861+/-0.641 χ^2/NDF : 166.7/5

In: -7.760+/-0.918 χ^2/NDF : 108.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.861+/-0.641 χ^2/NDF : 166.7/5

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -63.208 $\pm$ 0.819 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.389 $\pm$ 0.822 χ^2 /NDF: 188.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

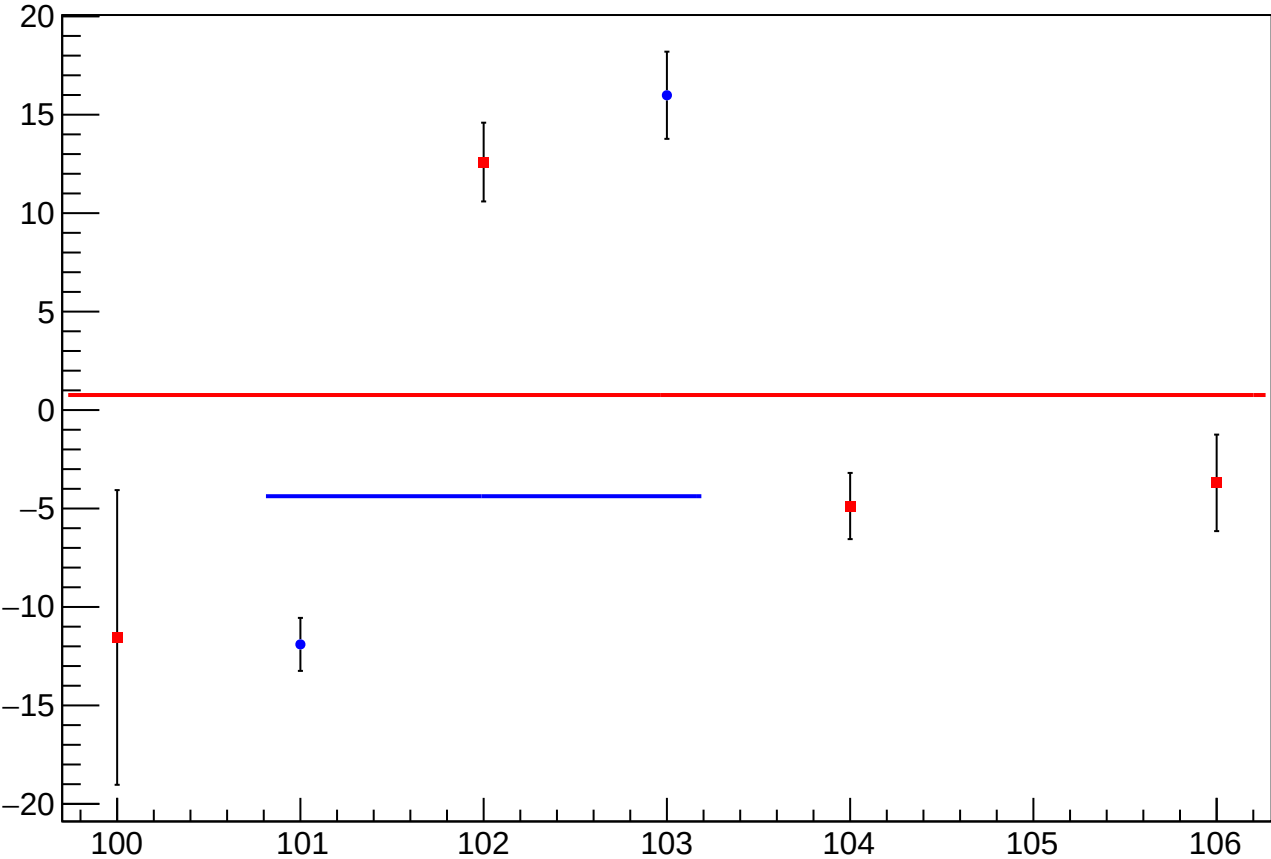
Right: -63.796 $\pm$ 0.580 χ^2 /NDF: 190.2/5

In: -63.208 $\pm$ 0.819 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.796 $\pm$ 0.580 χ^2 /NDF: 190.2/5

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.375+/-1.150 χ^2/NDF : 115.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.764+/-1.126 χ^2/NDF : 52.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

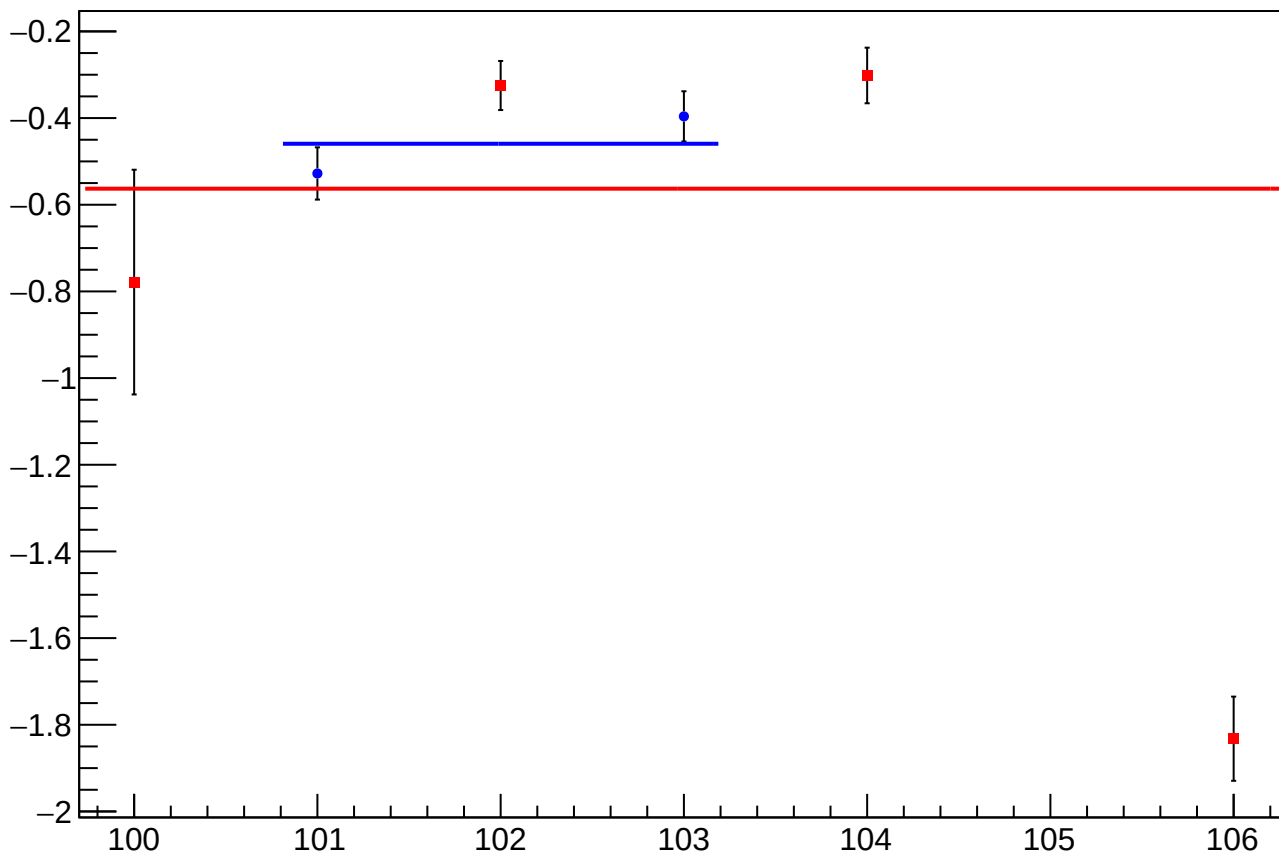
Right: -1.752+/-0.805 χ^2/NDF : 178.3/5

In: -4.375+/-1.150 χ^2/NDF : 115.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.752+/-0.805 χ^2/NDF : 178.3/5

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.459 $\pm$ 0.042 χ^2 /NDF: 2.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.563 $\pm$ 0.038 χ^2 /NDF: 205.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

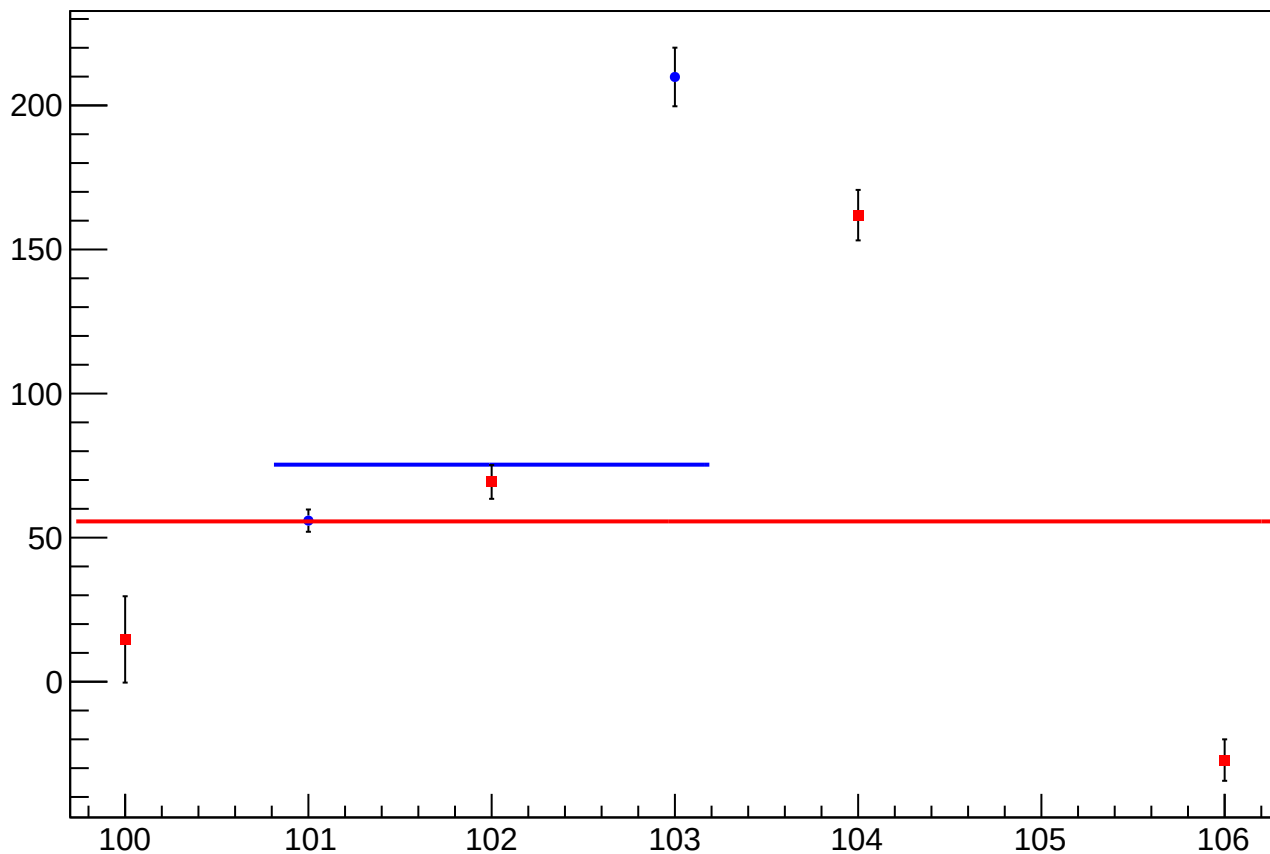
Right: -0.515 $\pm$ 0.028 χ^2 /NDF: 211.5/5

In: -0.459 $\pm$ 0.042 χ^2 /NDF:2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.515 $\pm$ 0.028 χ^2 /NDF: 211.5/5

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 75.324 ± 3.612 $\chi^2/\text{NDF}: 200.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 55.633 ± 3.896 $\chi^2/\text{NDF}: 292.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

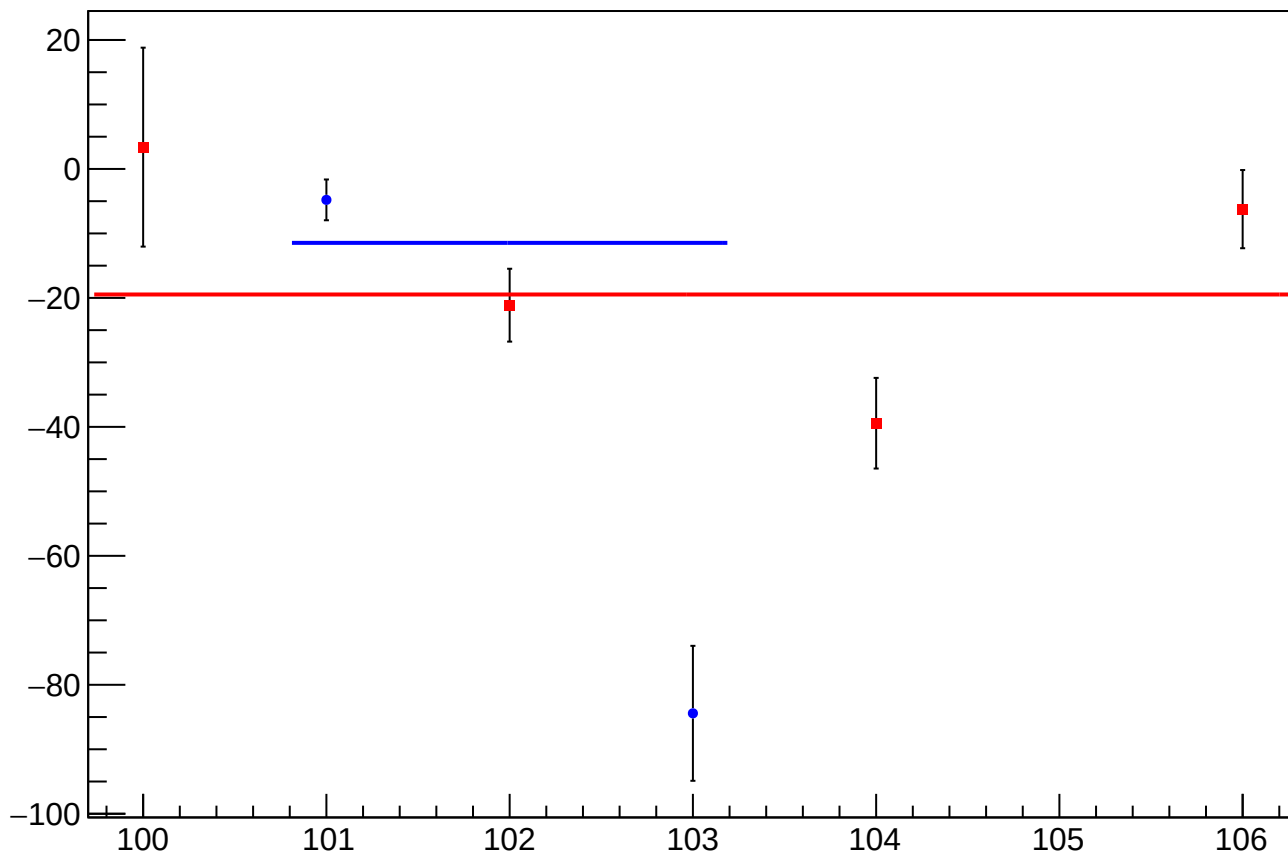
Right: 66.222 ± 2.649 $\chi^2/\text{NDF}: 506.7/5$

In: 75.324 ± 3.612 $\chi^2/\text{NDF}: 200.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 66.222 ± 2.649 $\chi^2/\text{NDF}: 506.7/5$

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.464 ± 3.028 $\chi^2/\text{NDF}: 53.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.469 ± 3.472 $\chi^2/\text{NDF}: 15.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

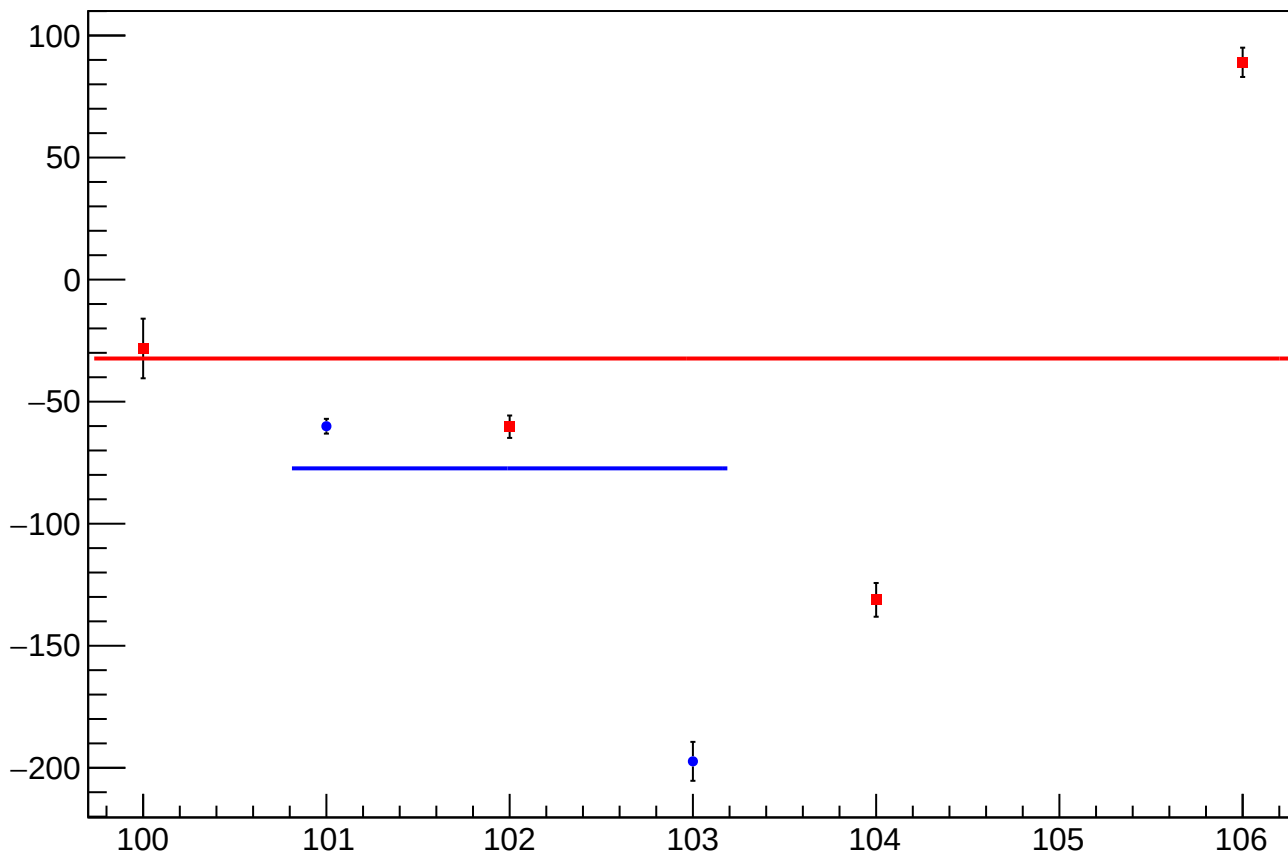
Right: -14.923 ± 2.282 $\chi^2/\text{NDF}: 71.2/5$

In: -11.464 ± 3.028 $\chi^2/\text{NDF}: 53.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.923 ± 2.282 $\chi^2/\text{NDF}: 71.2/5$

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.326+/-2.827 χ^2/NDF : 259.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.325+/-3.117 χ^2/NDF : 650.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

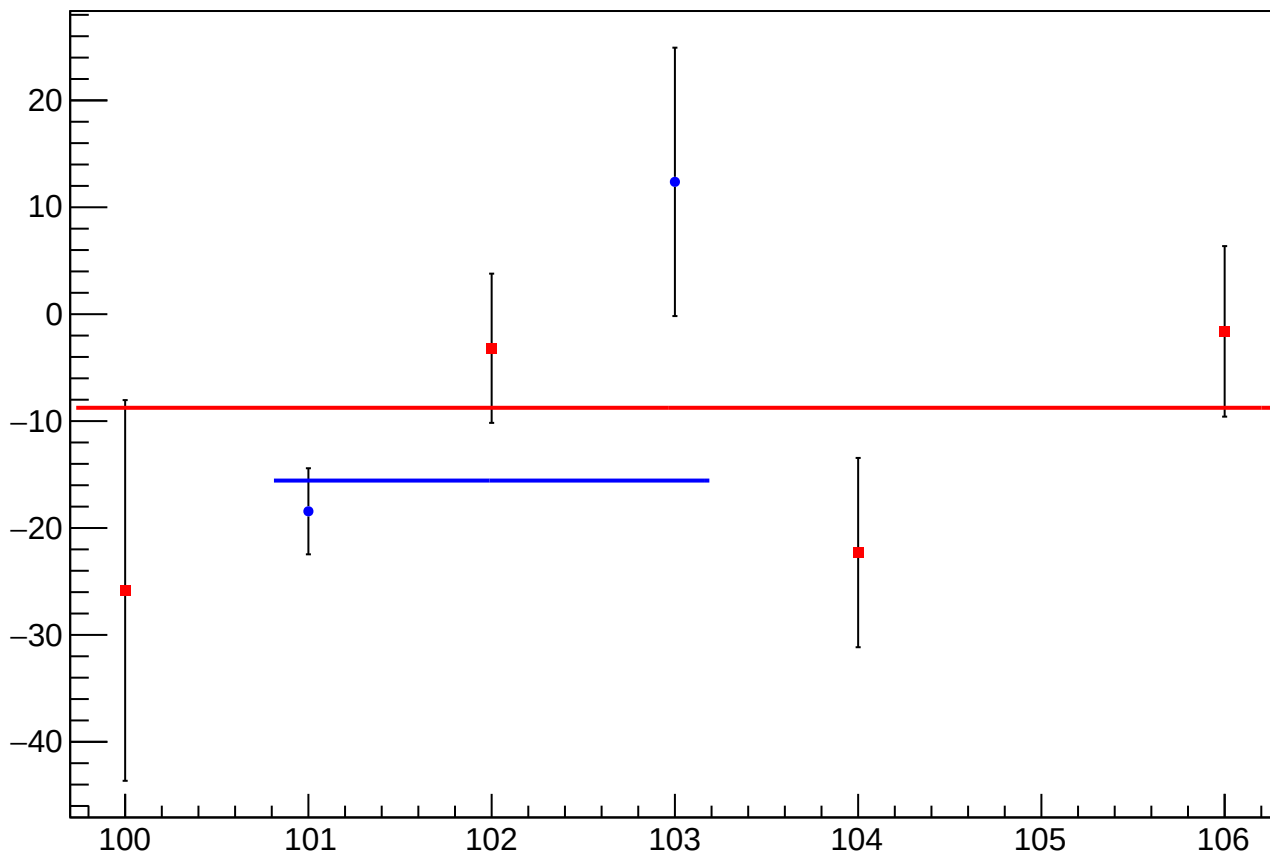
Right: -57.017+/-2.094 χ^2/NDF : 1024.2/5

In: -77.326+/-2.827 χ^2/NDF : 259.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.017+/-2.094 χ^2/NDF : 1024.2/5

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.563+/-3.834 χ^2/NDF : 5.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -8.755+/-4.378 χ^2/NDF : 4.7/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

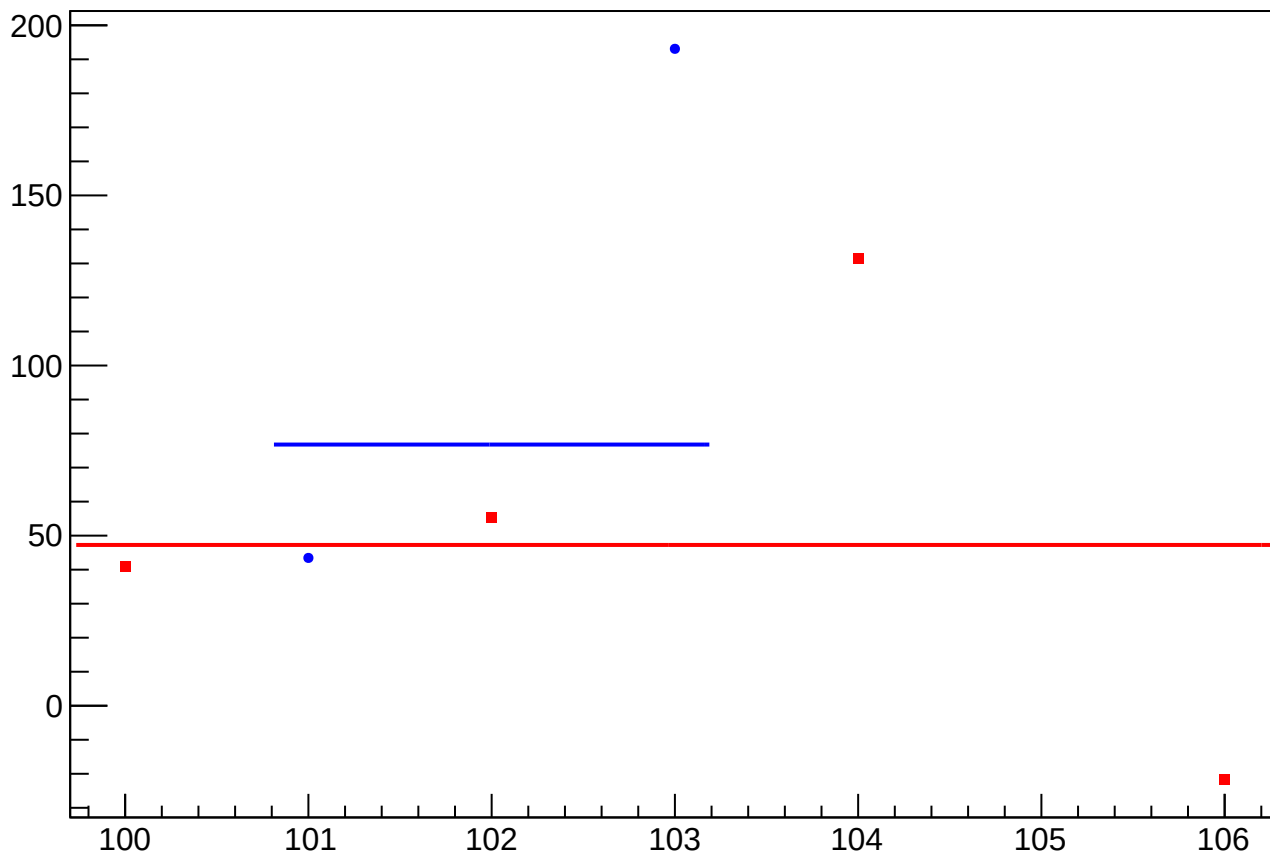
Right: -12.609+/-2.884 χ^2/NDF : 11.5/5

In: -15.563+/-3.834 χ^2/NDF :5.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.609+/-2.884 χ^2/NDF : 11.5/5

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 76.770 $\pm$ 0.159 χ^2 /NDF: 154117.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.263 $\pm$ 0.144 χ^2 /NDF: 127595.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

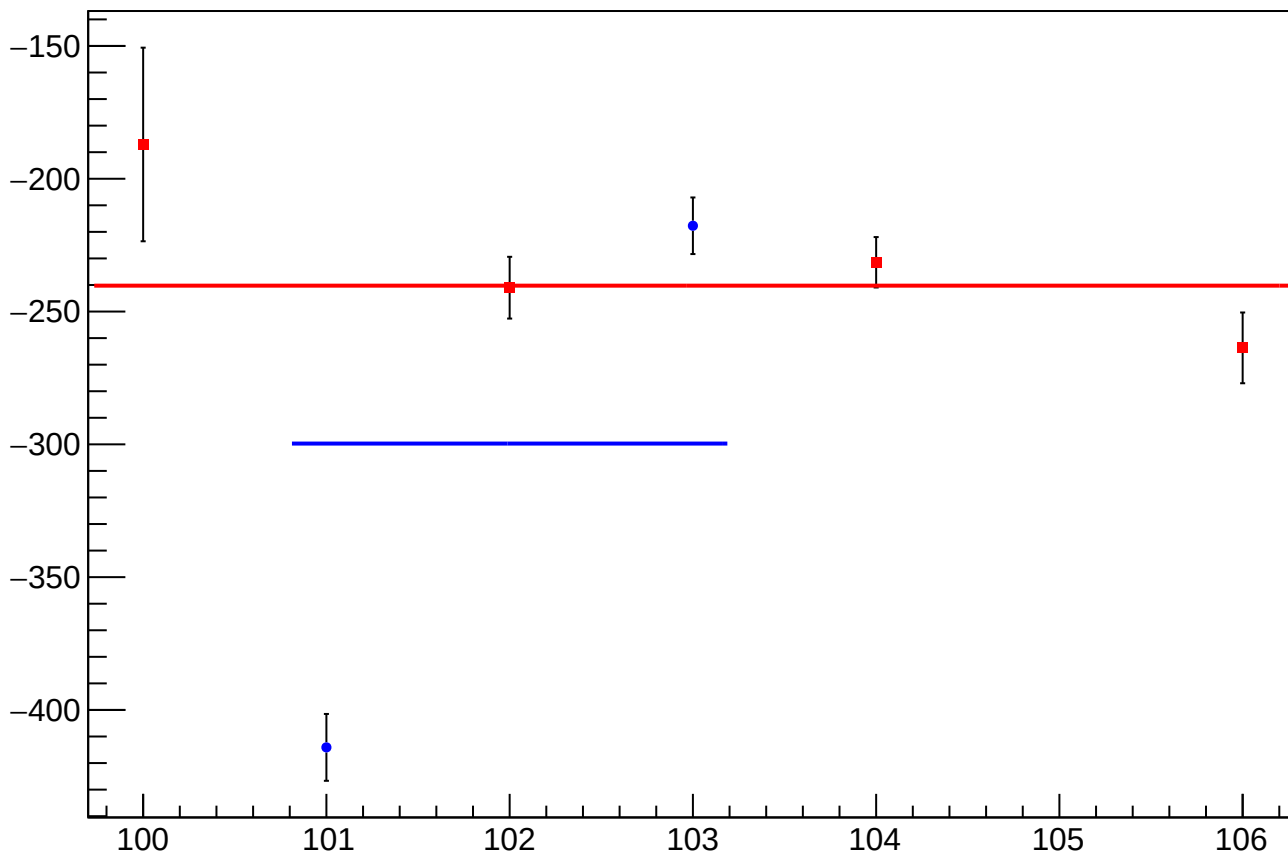
Right: 60.616 $\pm$ 0.107 χ^2 /NDF: 300667.7/5

In: 76.770 $\pm$ 0.159 χ^2 /NDF:154117.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.616 $\pm$ 0.107 χ^2 /NDF: 300667.7/5

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -299.706+/-8.131 χ^2 /NDF: 141.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -240.250+/-6.340 χ^2 /NDF: 6.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

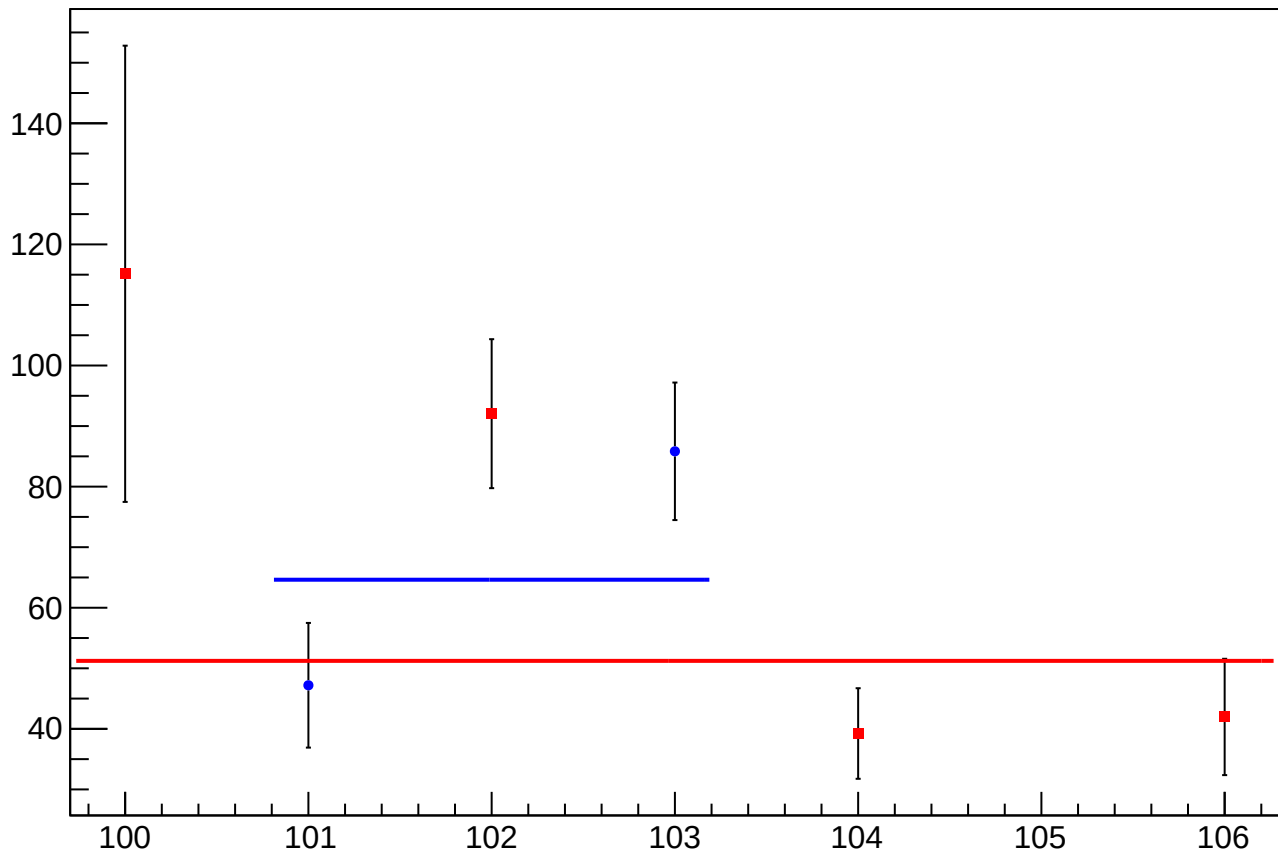
Right: -262.729+/-5.000 χ^2 /NDF: 181.2/5

In: -299.706+/-8.131 χ^2 /NDF:141.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -262.729+/-5.000 χ^2 /NDF: 181.2/5

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 64.628+/-7.626 χ^2/NDF : 6.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.227+/-5.268 χ^2/NDF : 17.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

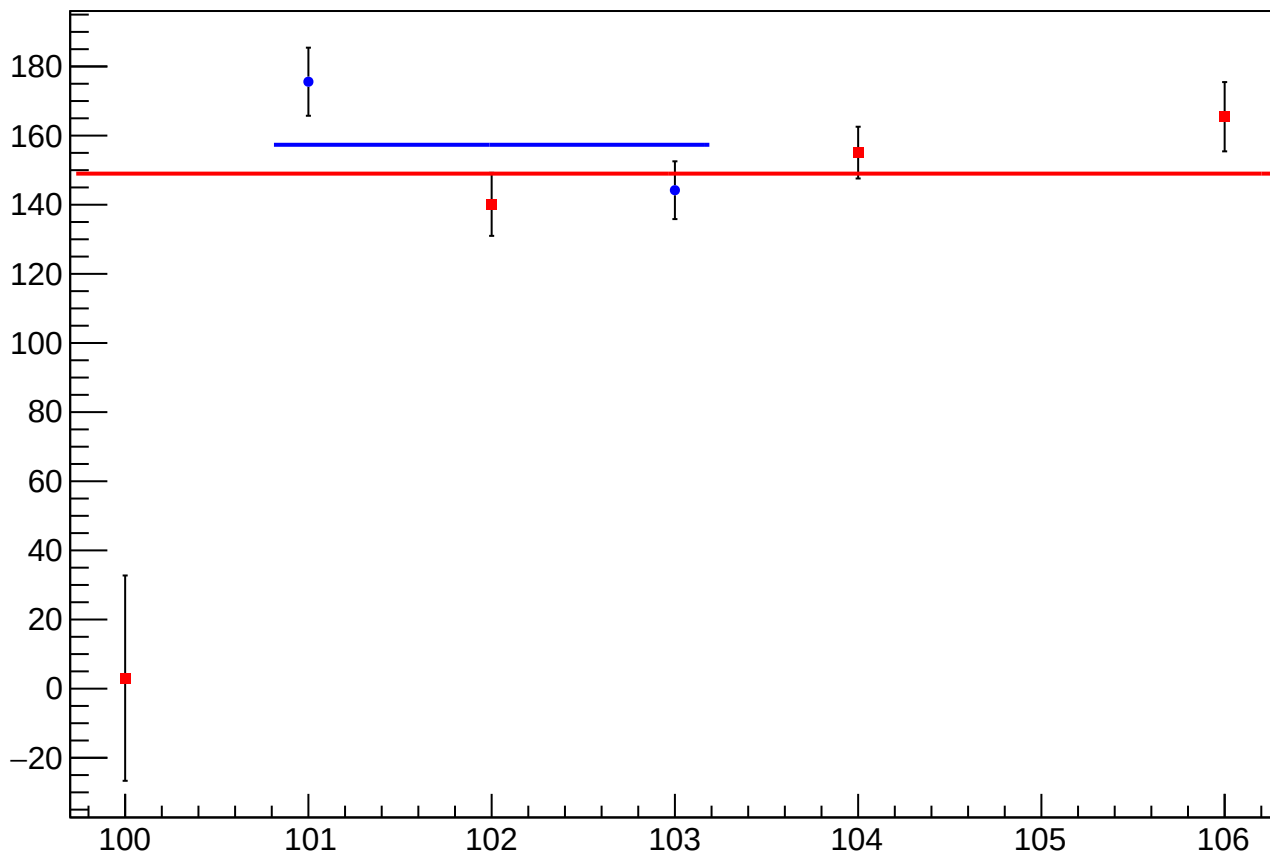
Right: 55.556+/-4.334 χ^2/NDF : 25.8/5

In: 64.628+/-7.626 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.556+/-4.334 χ^2/NDF : 25.8/5

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 157.342 $\pm$ 6.373 χ^2 /NDF: 5.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.998 $\pm$ 4.941 χ^2 /NDF: 28.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

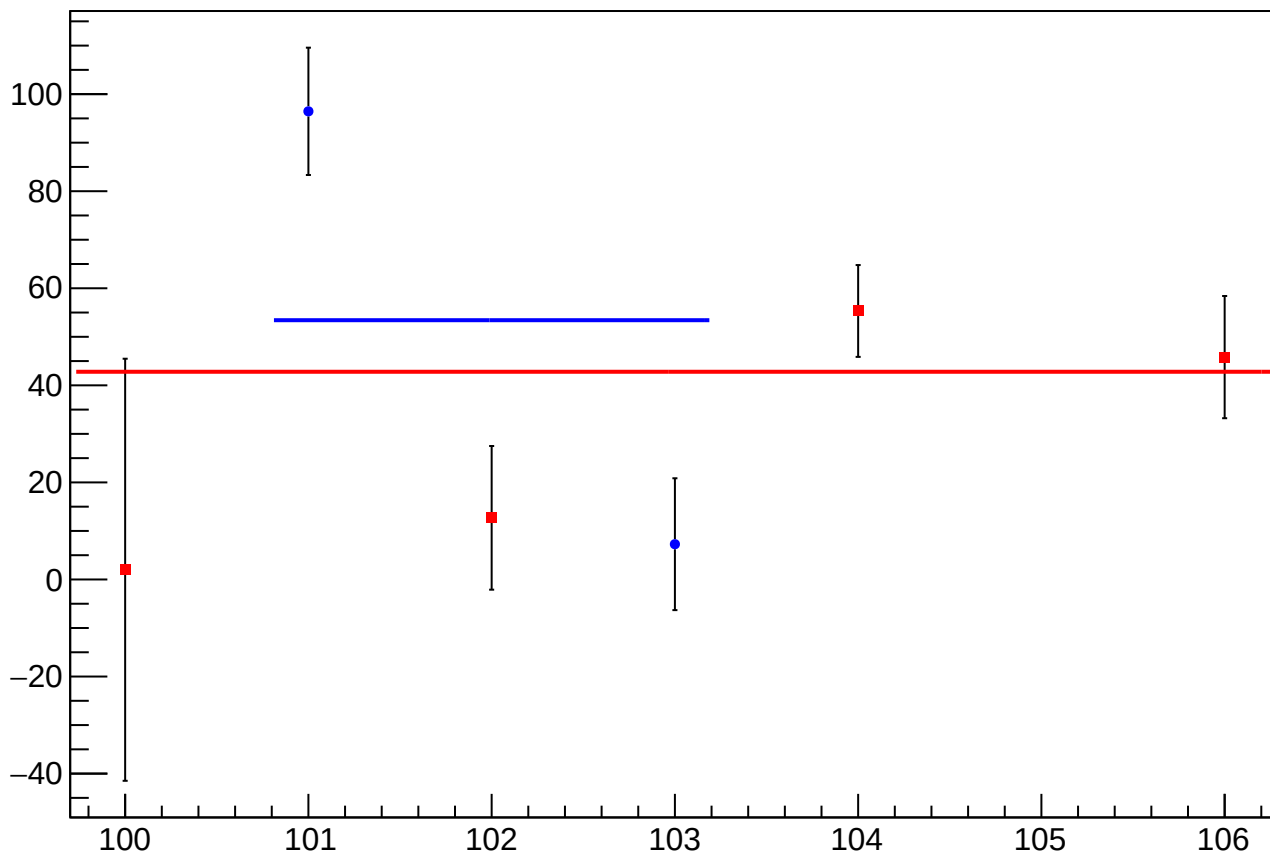
Right: 152.130 $\pm$ 3.905 χ^2 /NDF: 35.4/5

In: 157.342 $\pm$ 6.373 χ^2 /NDF:5.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.130 $\pm$ 3.905 χ^2 /NDF: 35.4/5

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.420 $\pm$ 9.436 χ^2 /NDF: 22.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.798 $\pm$ 6.656 χ^2 /NDF: 6.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

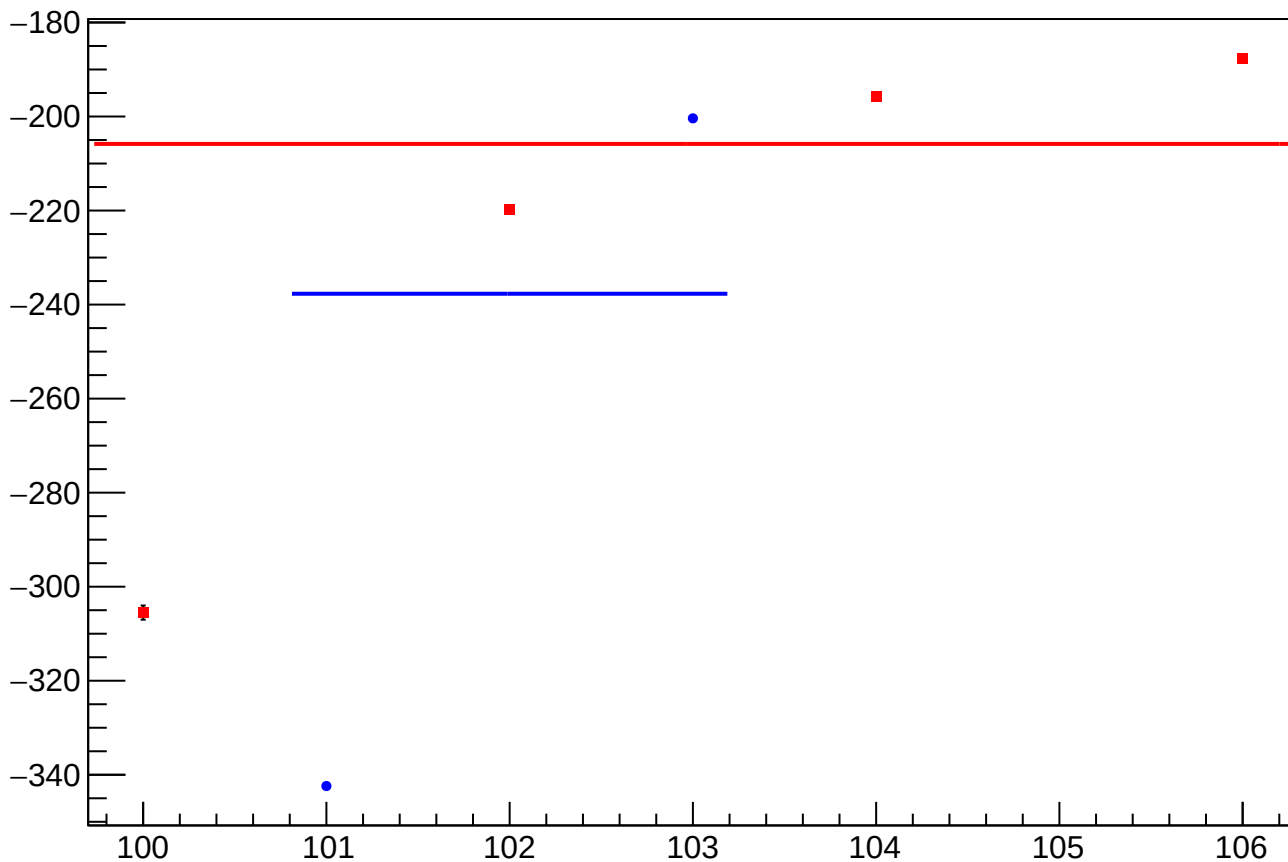
Right: 46.327 $\pm$ 5.439 χ^2 /NDF: 30.0/5

In: 53.420 $\pm$ 9.436 χ^2 /NDF: 22.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.327 $\pm$ 5.439 χ^2 /NDF: 30.0/5

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -237.695+/-0.302 χ^2/NDF : 42953.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -205.828+/-0.237 χ^2/NDF : 7460.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

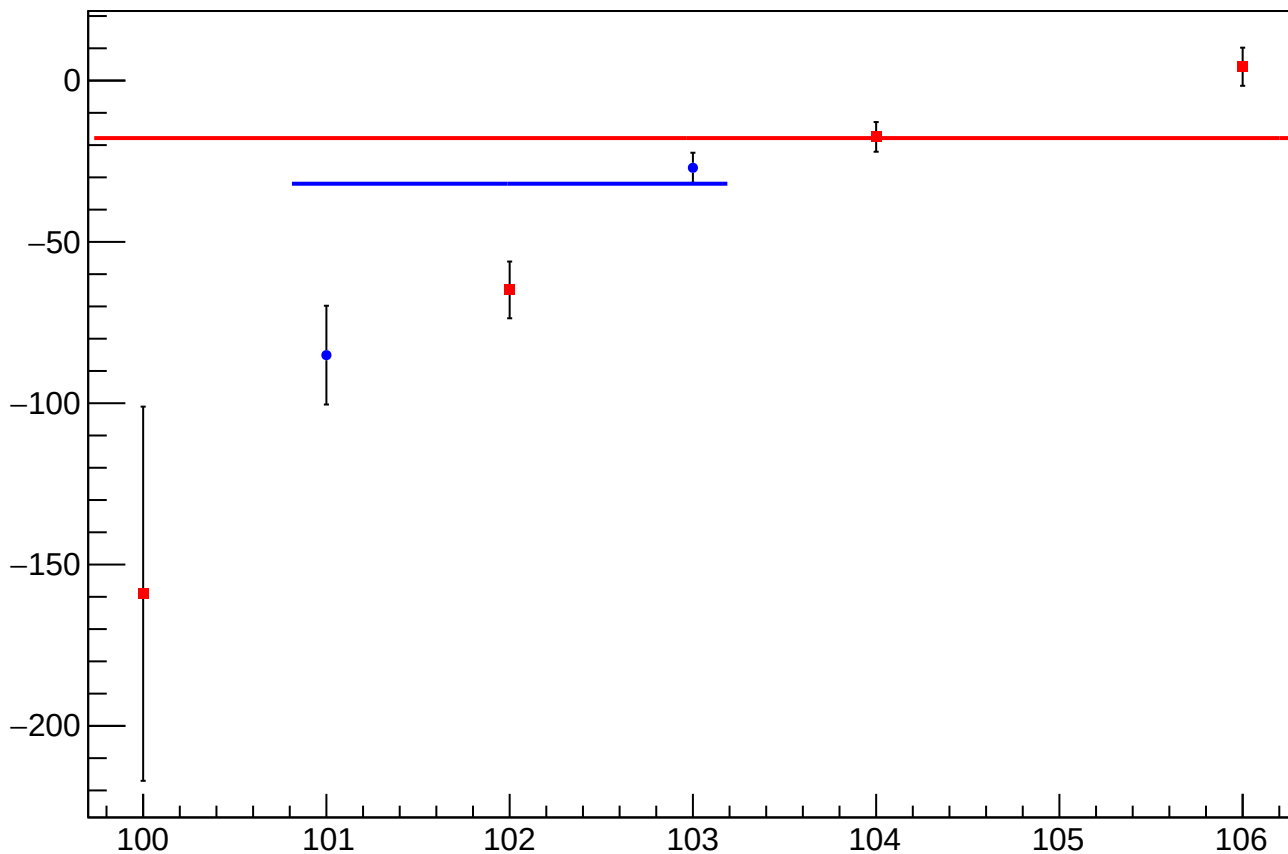
Right: -218.021+/-0.187 χ^2/NDF : 57307.8/5

In: -237.695+/-0.302 χ^2/NDF : 42953.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.021+/-0.187 χ^2/NDF : 57307.8/5

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.969 $\pm$ 4.462 χ^2 /NDF: 13.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.823 $\pm$ 3.349 χ^2 /NDF: 48.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

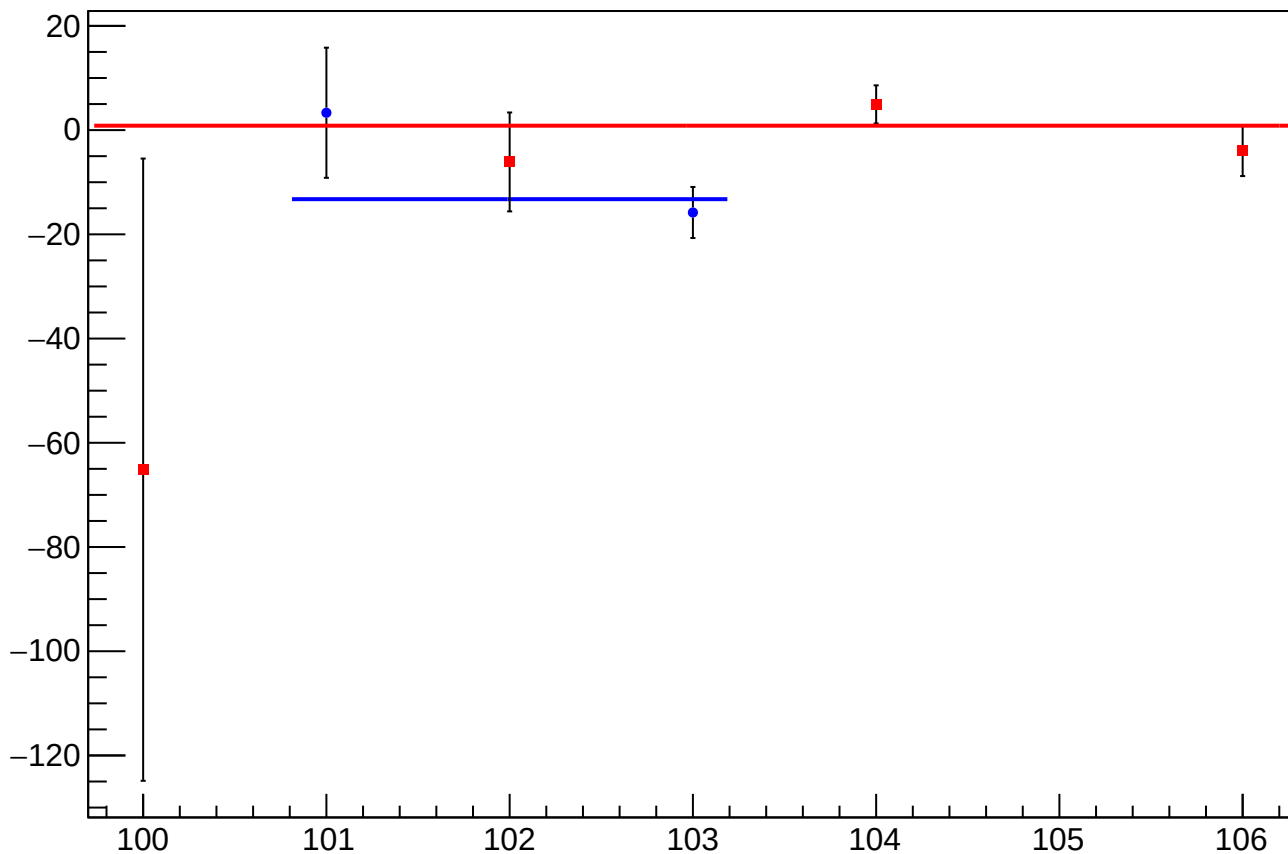
Right: -22.921 $\pm$ 2.679 χ^2 /NDF: 68.2/5

In: -31.969 $\pm$ 4.462 χ^2 /NDF:13.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.921 $\pm$ 2.679 χ^2 /NDF: 68.2/5

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.253 $\pm$ 4.562 χ^2 /NDF: 2.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.851 $\pm$ 2.780 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

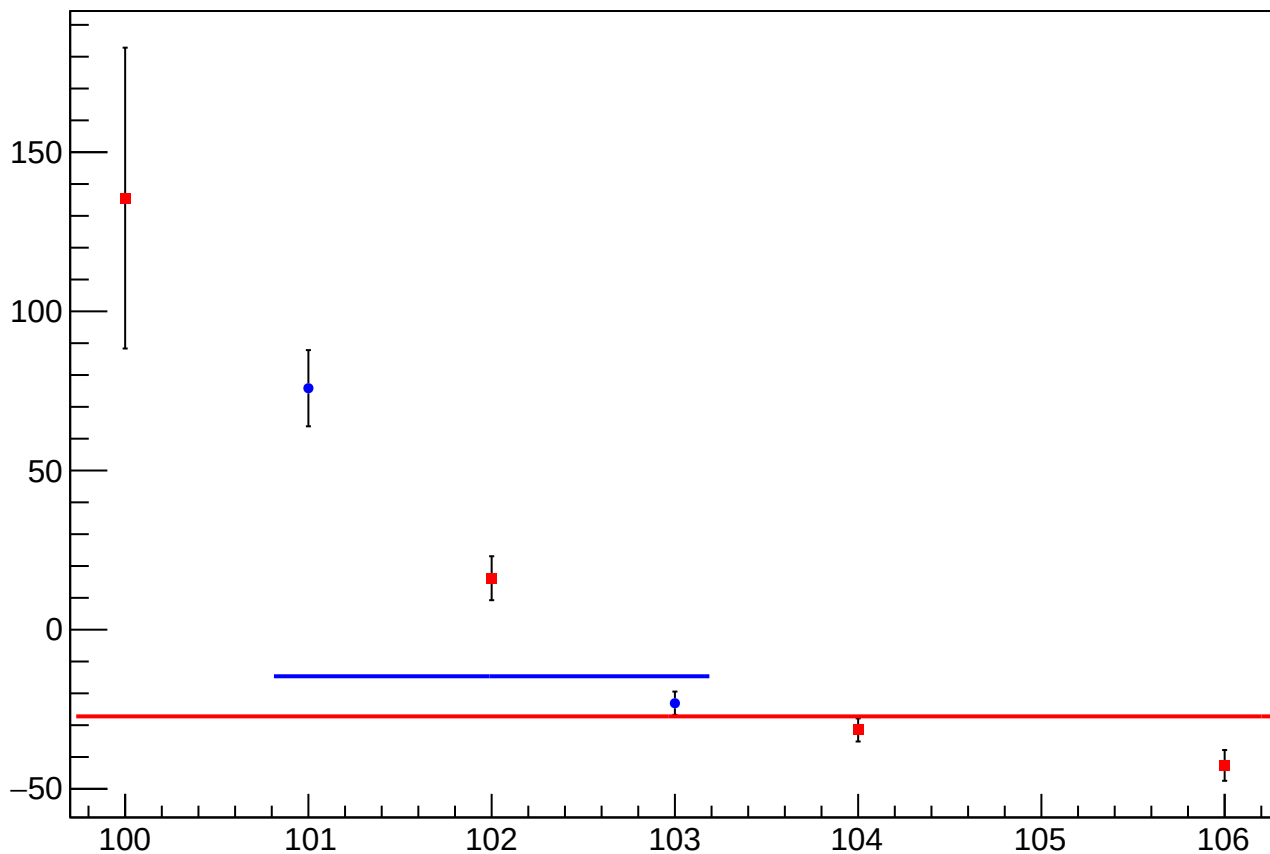
Right: -2.969 $\pm$ 2.374 χ^2 /NDF: 13.0/5

In: -13.253 $\pm$ 4.562 χ^2 /NDF:2.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.969 $\pm$ 2.374 χ^2 /NDF: 13.0/5

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.637 $\pm$ 3.502 χ^2 /NDF: 62.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.235 $\pm$ 2.670 χ^2 /NDF: 63.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

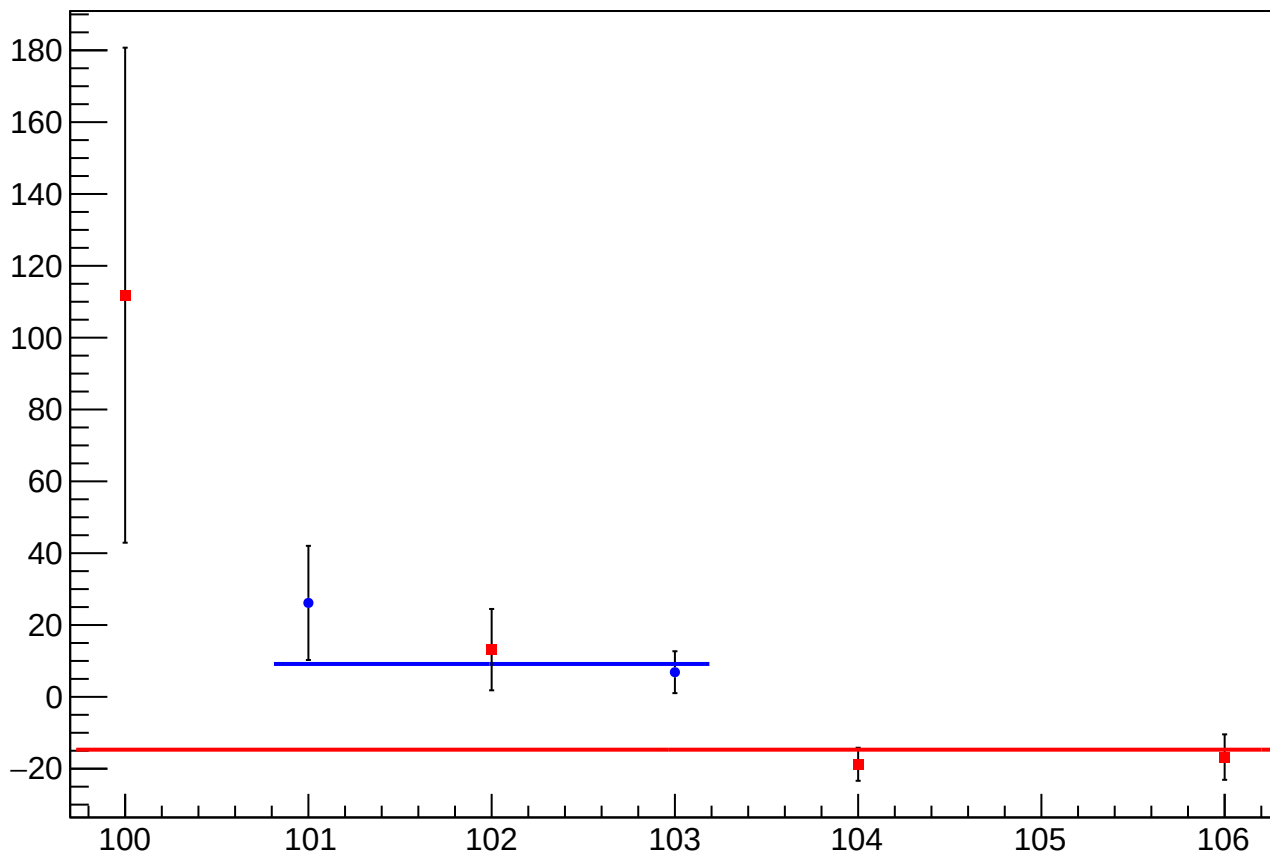
Right: -22.604 $\pm$ 2.124 χ^2 /NDF: 133.6/5

In: -14.637 $\pm$ 3.502 χ^2 /NDF:62.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -22.604 $\pm$ 2.124 χ^2 /NDF: 133.6/5

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.162+/-5.477 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.702+/-3.529 χ^2/NDF : 10.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

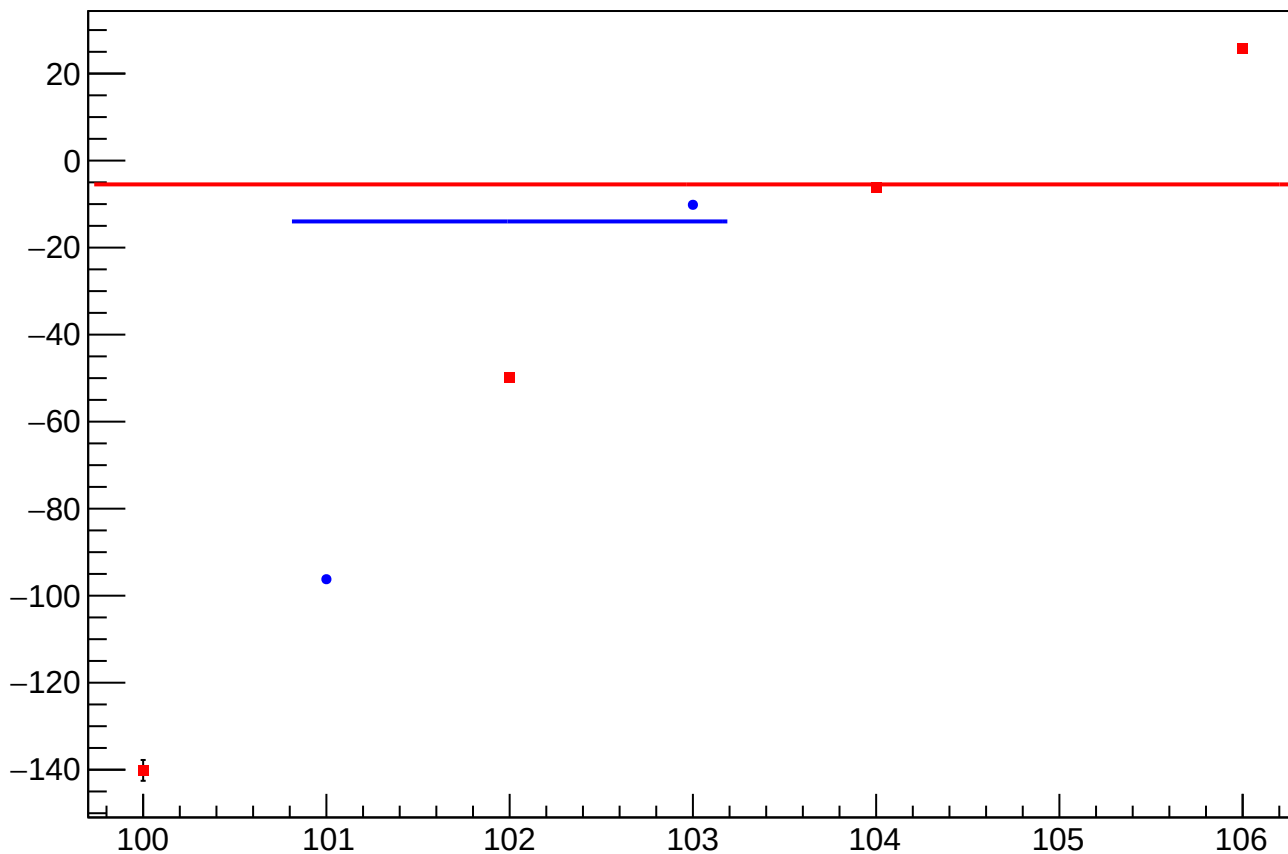
Right: -7.701+/-2.967 χ^2/NDF : 25.0/5

In: 9.162+/-5.477 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.701+/-2.967 χ^2/NDF : 25.0/5

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.985 $\pm$ 0.149 χ^2 /NDF: 14100.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.472 $\pm$ 0.125 χ^2 /NDF: 44071.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

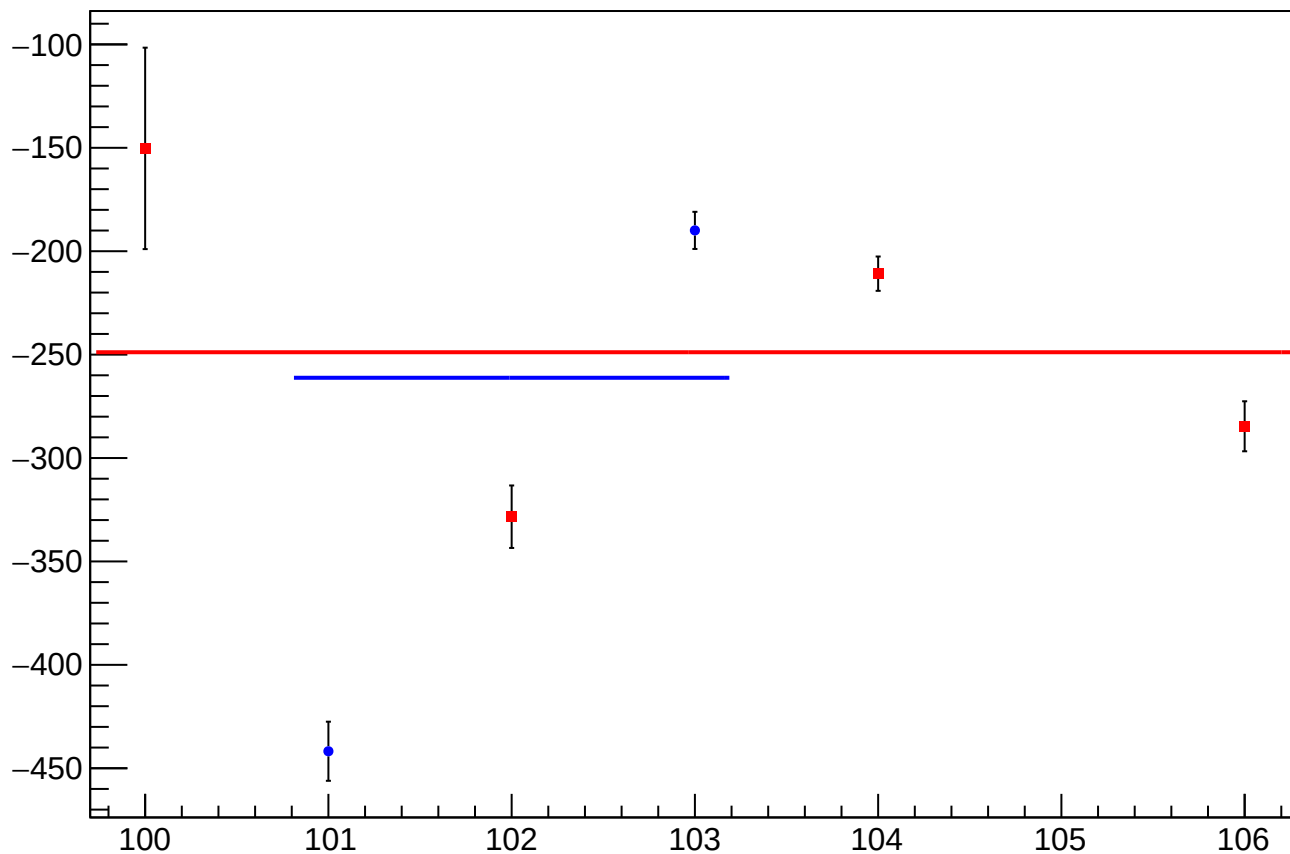
Right: -8.989 $\pm$ 0.096 χ^2 /NDF: 60078.9/5

In: -13.985 $\pm$ 0.149 χ^2 /NDF: 14100.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.989 $\pm$ 0.096 χ^2 /NDF: 60078.9/5

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -261.190+/-7.602 χ^2/NDF : 222.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -248.844+/-6.181 χ^2/NDF : 61.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

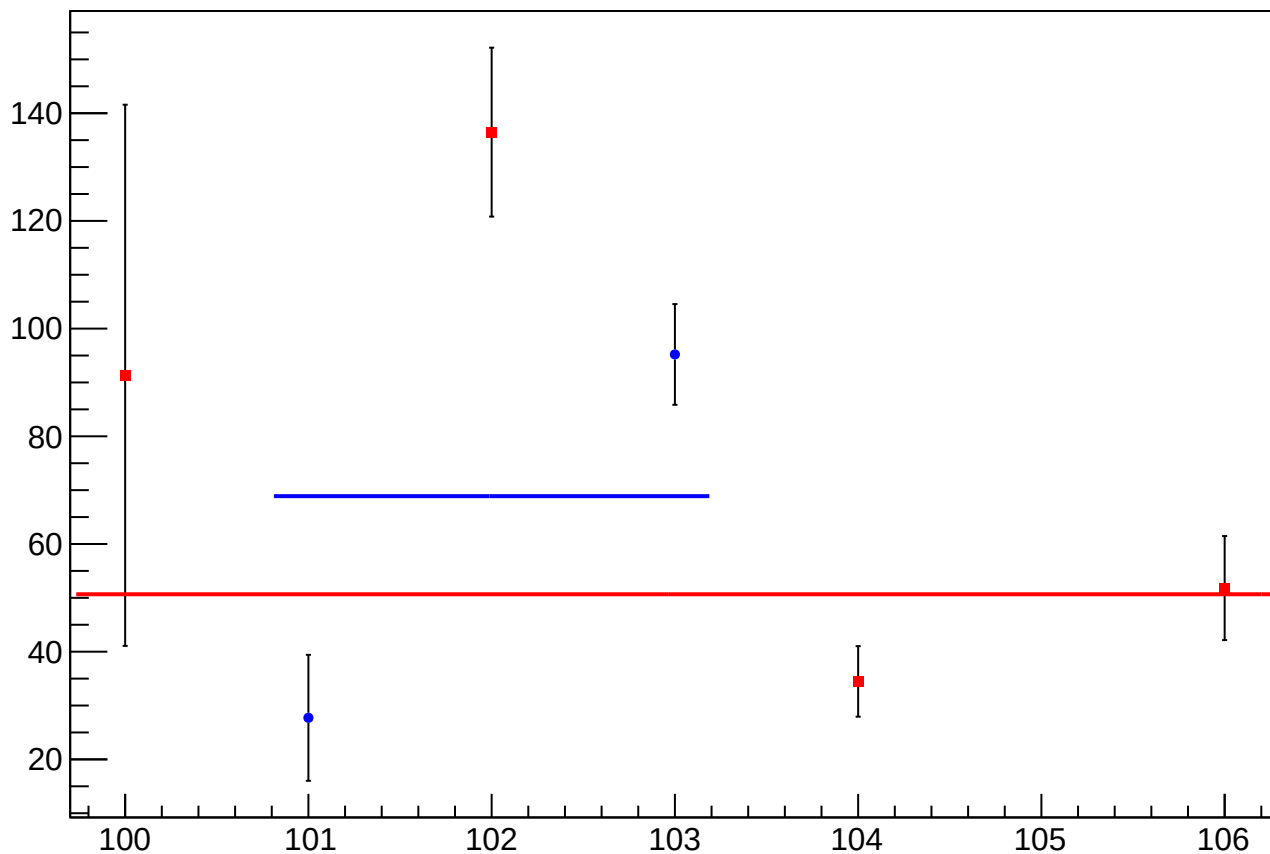
Right: -253.758+/-4.796 χ^2/NDF : 285.8/5

In: -261.190+/-7.602 χ^2/NDF : 222.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -253.758+/-4.796 χ^2/NDF : 285.8/5

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 68.884+/-7.304 χ^2/NDF : 20.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.665+/-5.098 χ^2/NDF : 36.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

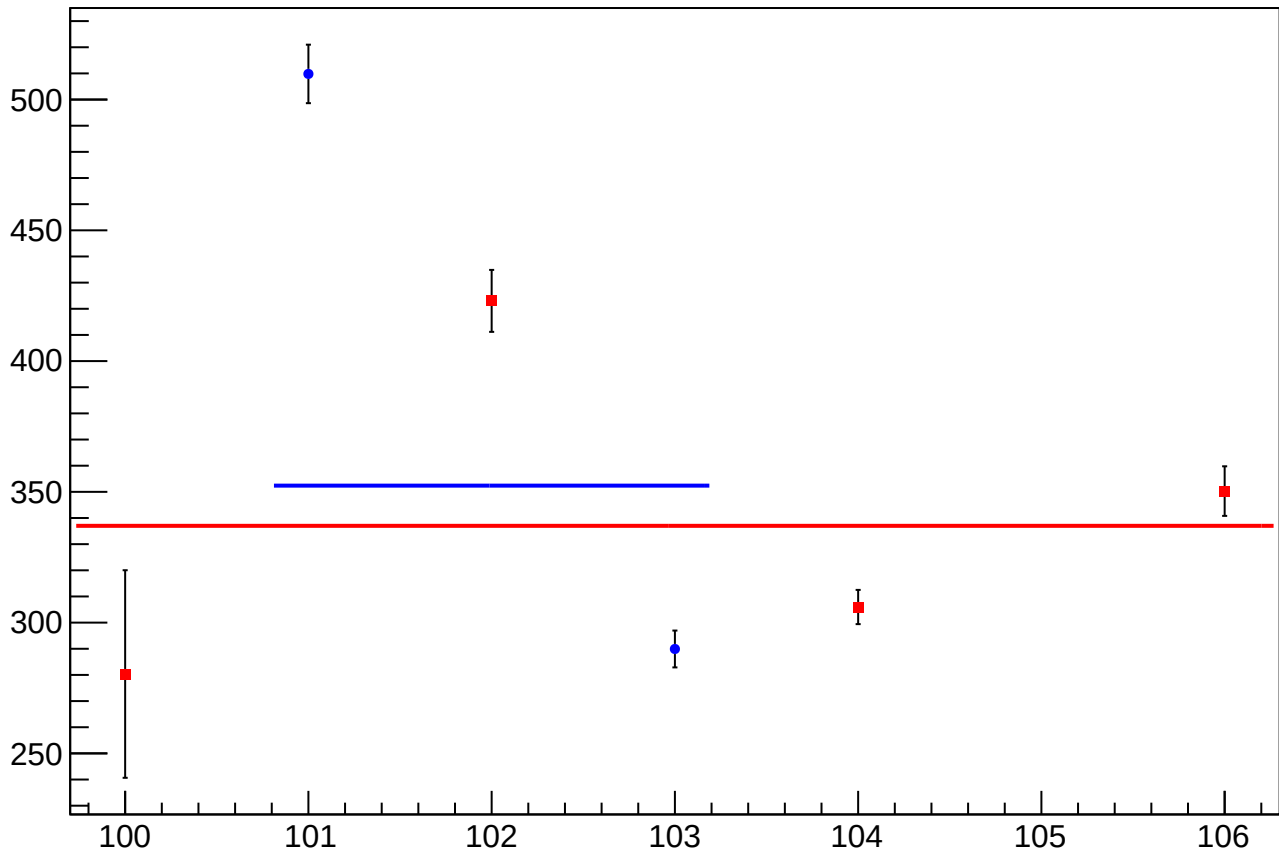
Right: 56.633+/-4.181 χ^2/NDF : 61.2/5

In: 68.884+/-7.304 χ^2/NDF : 20.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.633+/-4.181 χ^2/NDF : 61.2/5

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.379 $\pm$ 5.961 χ^2/NDF : 276.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 337.008 $\pm$ 4.865 χ^2/NDF : 79.2/3

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

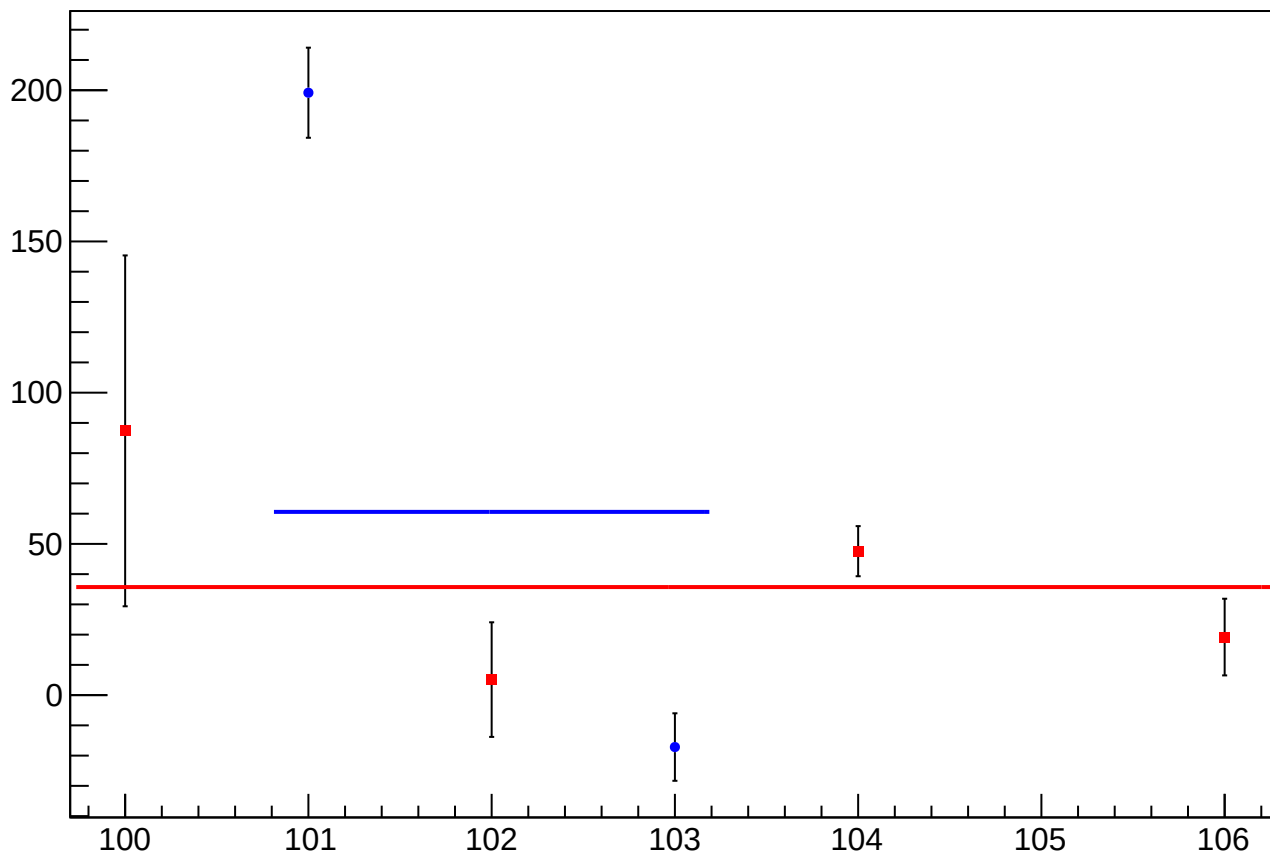
Right: 343.153 $\pm$ 3.769 χ^2/NDF : 359.9/5

In: 352.379 $\pm$ 5.961 χ^2/NDF : 276.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 343.153 $\pm$ 3.769 χ^2/NDF : 359.9/5

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 60.586+/-8.931 χ^2 /NDF: 135.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.728+/-6.472 χ^2 /NDF: 7.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

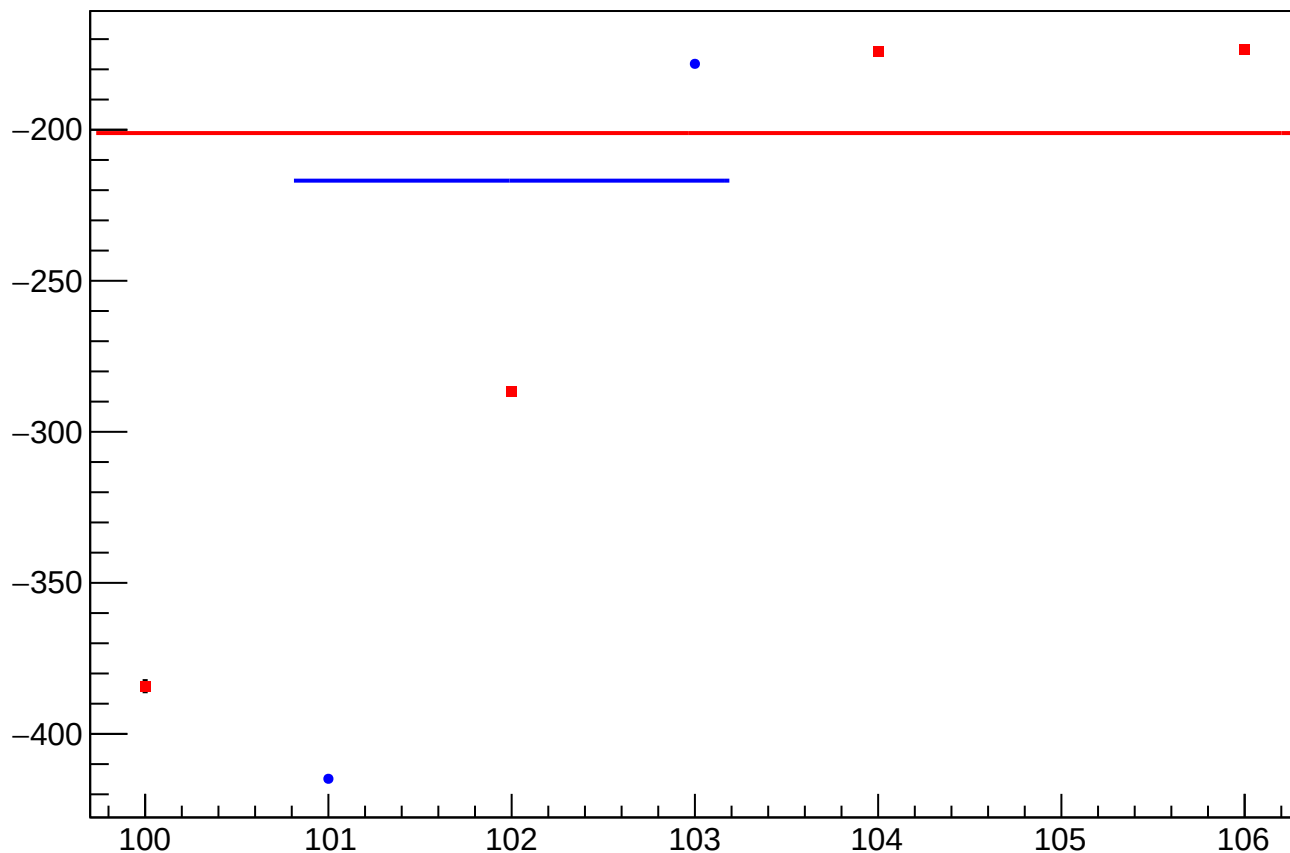
Right: 44.288+/-5.241 χ^2 /NDF: 147.3/5

In: 60.586+/-8.931 χ^2 /NDF:135.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 44.288+/-5.241 χ^2 /NDF: 147.3/5

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.847 ± 0.270 $\chi^2/\text{NDF}: 105237.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -201.097 ± 0.238 $\chi^2/\text{NDF}: 46369.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

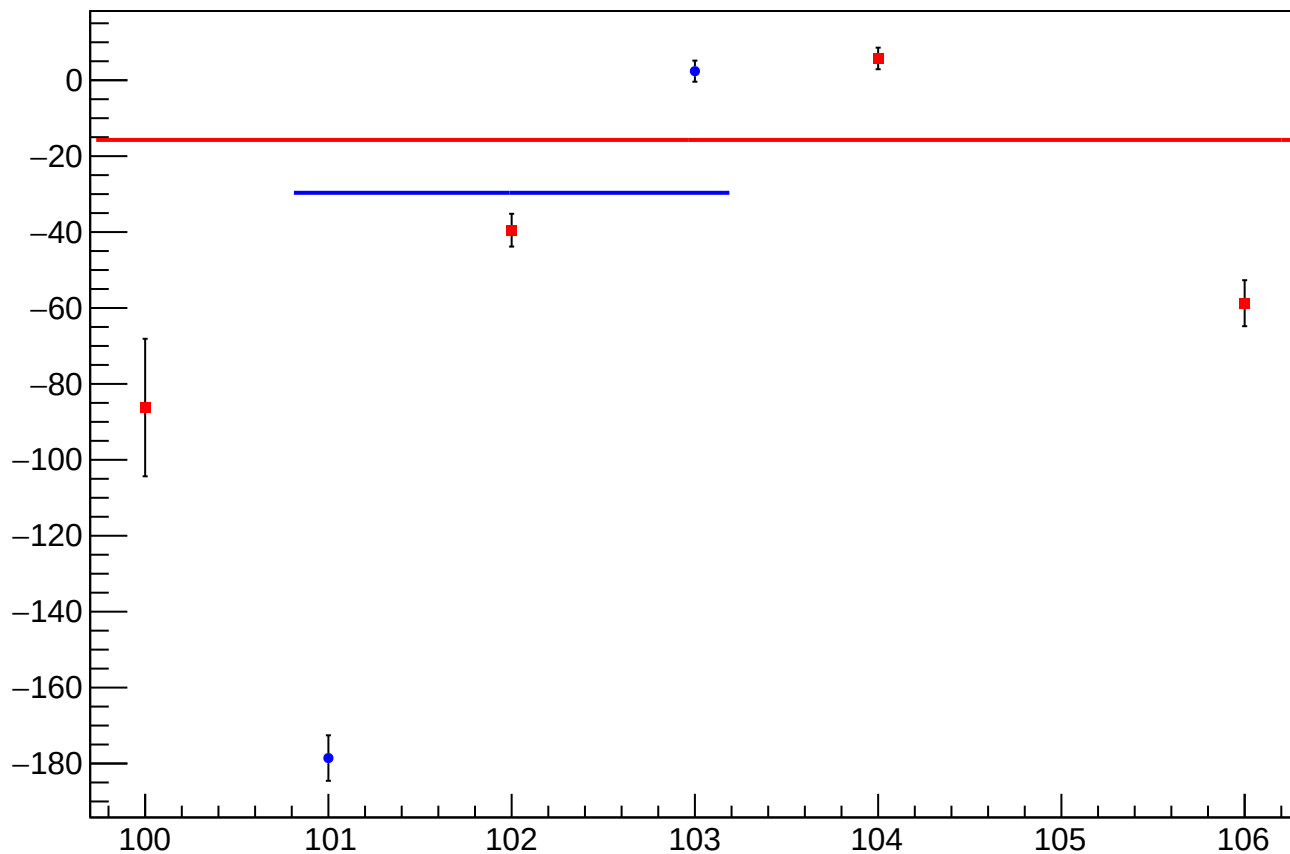
Right: -207.978 ± 0.178 $\chi^2/\text{NDF}: 153525.9/5$

In: -216.847 ± 0.270 $\chi^2/\text{NDF}: 105237.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -207.978 ± 0.178 $\chi^2/\text{NDF}: 153525.9/5$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.655+/-2.521 χ^2/NDF : 750.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.728+/-2.193 χ^2/NDF : 153.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

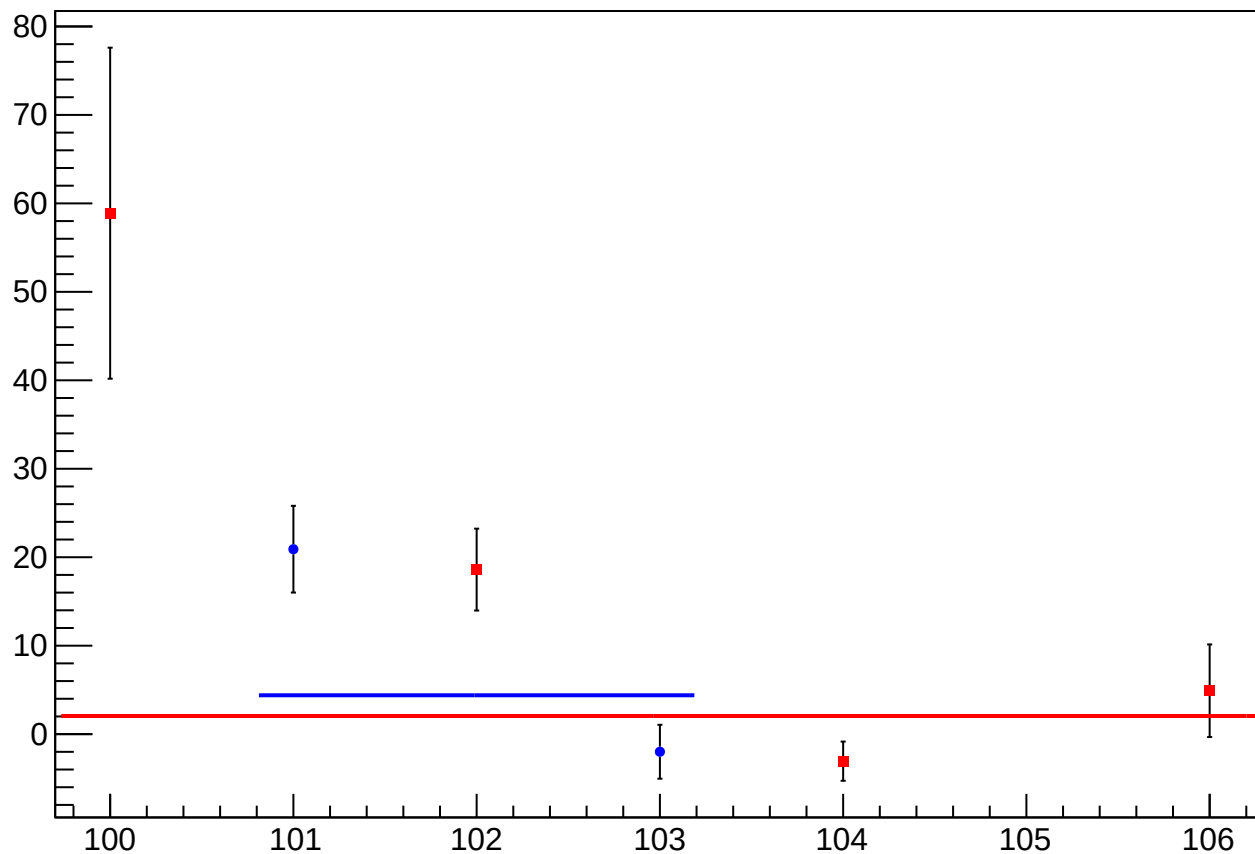
Right: -21.726+/-1.655 χ^2/NDF : 920.9/5

In: -29.655+/-2.521 χ^2/NDF : 750.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.726+/-1.655 χ^2/NDF : 920.9/5

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.393+/-2.588 χ^2/NDF : 15.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.053+/-1.859 χ^2/NDF : 27.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

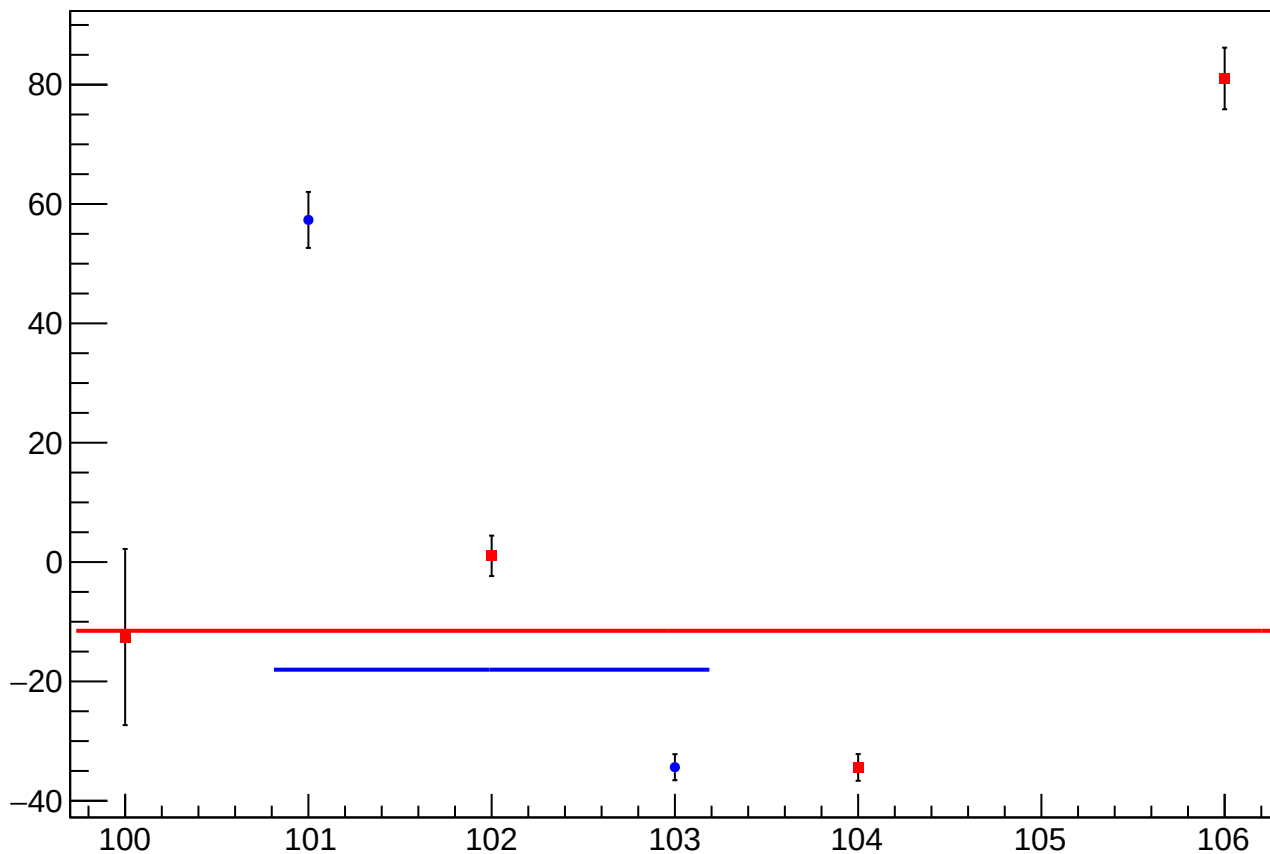
Right: 2.850+/-1.510 χ^2/NDF : 43.9/5

In: 4.393+/-2.588 χ^2/NDF : 15.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.850+/-1.510 χ^2/NDF : 43.9/5

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.032±1.980 χ^2/NDF : 314.2/1

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -11.513±1.745 χ^2/NDF : 439.9/3

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

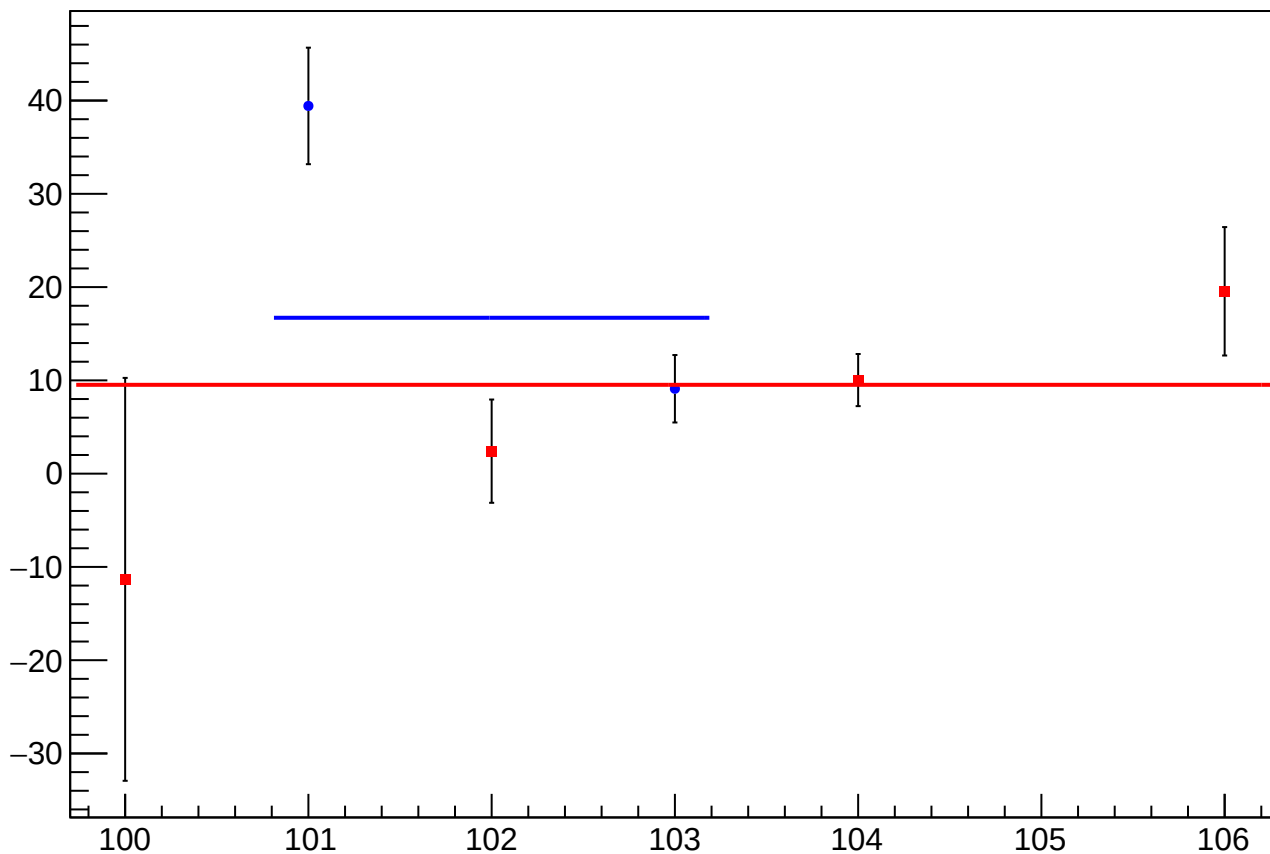
Right: -14.363±1.309 χ^2/NDF : 760.2/5

In: -18.032±1.980 χ^2/NDF : 314.2/1

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: -14.363±1.309 χ^2/NDF : 760.2/5

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.712 $\pm$ 3.129 χ^2 /NDF: 17.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.523 $\pm$ 2.332 χ^2 /NDF: 4.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

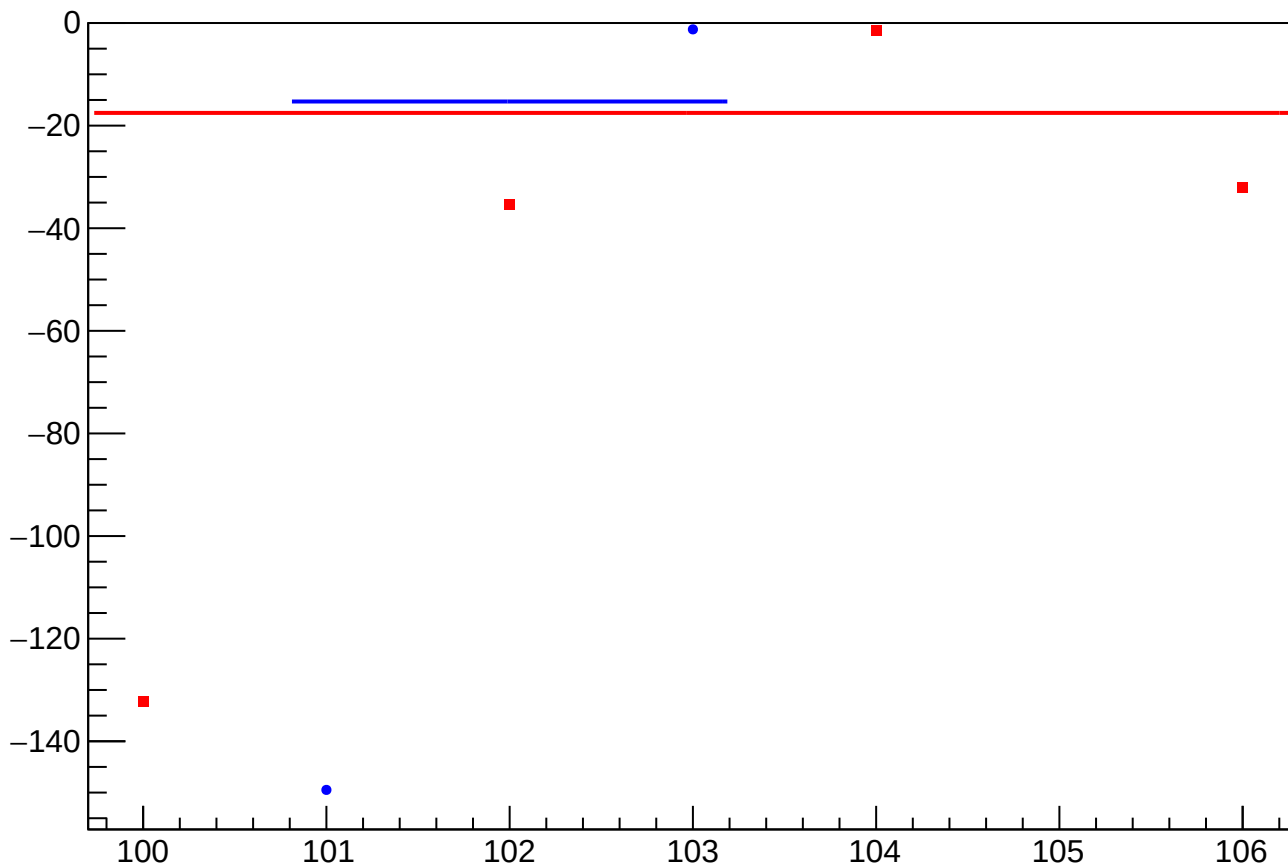
Right: 12.090 $\pm$ 1.870 χ^2 /NDF: 25.8/5

In: 16.712 $\pm$ 3.129 χ^2 /NDF: 17.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.090 $\pm$ 1.870 χ^2 /NDF: 25.8/5

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.298 ± 0.086 χ^2/NDF : 253617.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.521 ± 0.078 χ^2/NDF : 67239.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

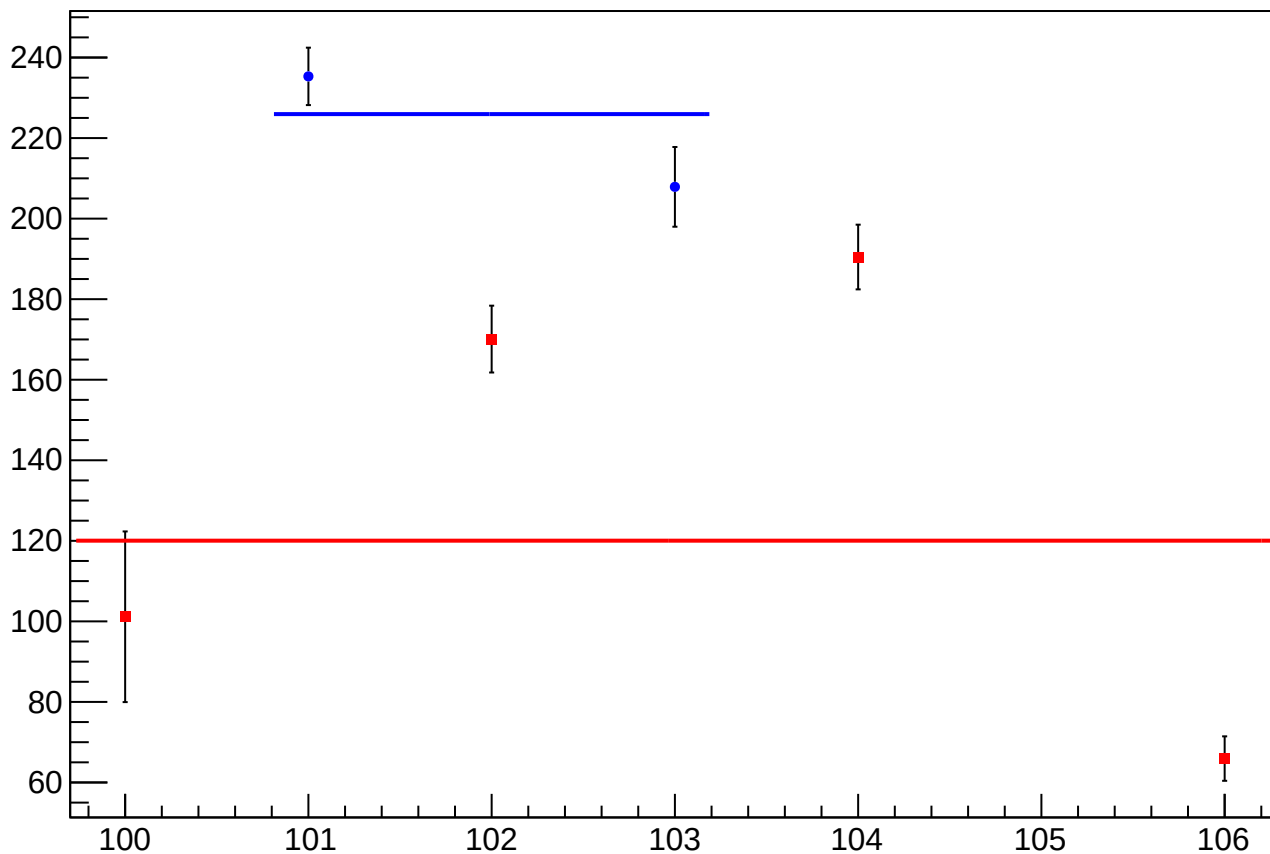
Right: -16.519 ± 0.058 χ^2/NDF : 321221.8/5

In: -15.298 ± 0.086 χ^2/NDF : 253617.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.519 ± 0.058 χ^2/NDF : 321221.8/5

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 225.953+/-5.784 χ^2/NDF : 5.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.037+/-3.920 χ^2/NDF : 210.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

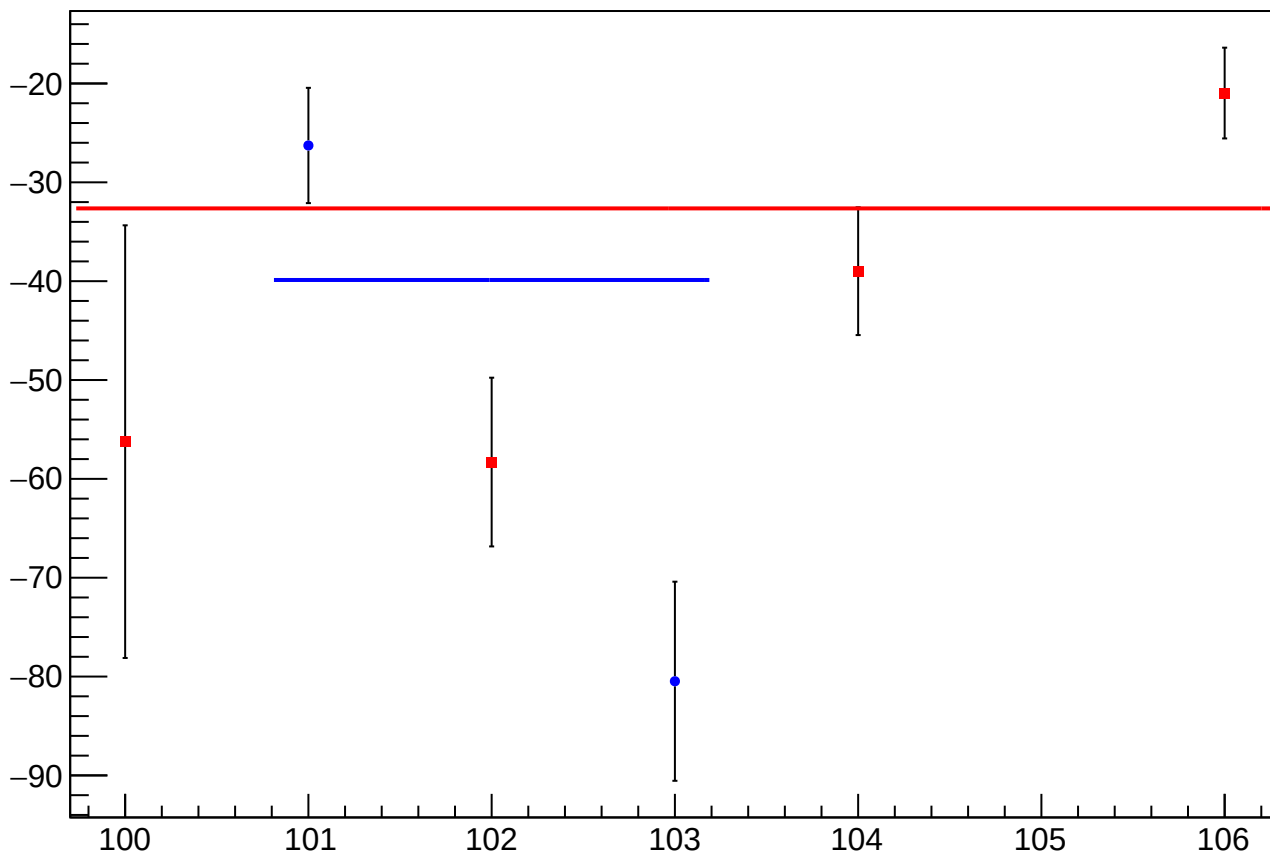
Right: 153.367+/-3.245 χ^2/NDF : 445.0/5

In: 225.953+/-5.784 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.367+/-3.245 χ^2/NDF : 445.0/5

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.880 ± 5.047 χ^2/NDF : 21.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.638 ± 3.387 χ^2/NDF : 17.6/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

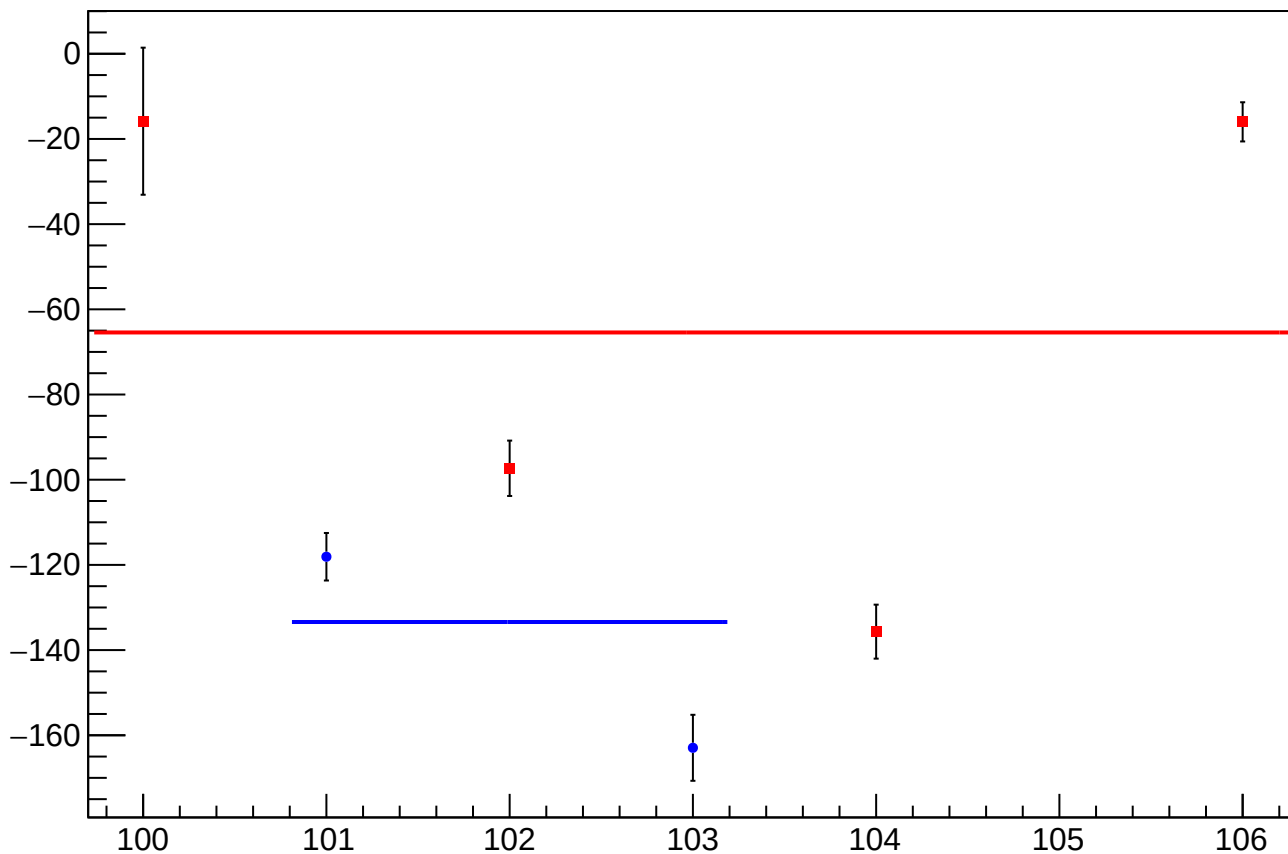
Right: -34.887 ± 2.812 χ^2/NDF : 40.7/5

In: -39.880 ± 5.047 χ^2/NDF : 21.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.887 ± 2.812 χ^2/NDF : 40.7/5

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.408+/-4.527 χ^2/NDF : 22.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.431+/-3.175 χ^2/NDF : 270.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

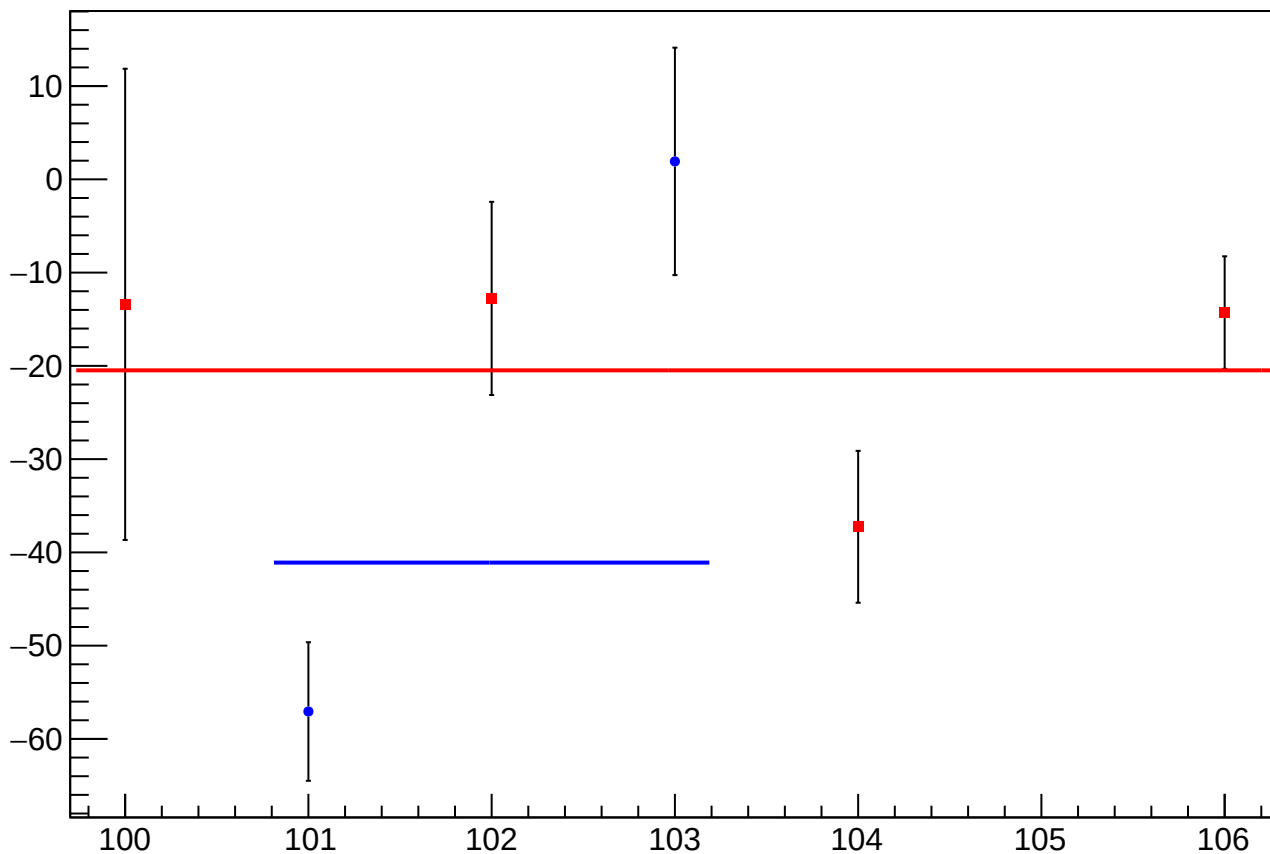
Right: -87.844+/-2.600 χ^2/NDF : 443.9/5

In: -133.408+/-4.527 χ^2/NDF : 22.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.844+/-2.600 χ^2/NDF : 443.9/5

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -41.094 $\pm$ 6.345 χ^2 /NDF: 17.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.480 $\pm$ 4.326 χ^2 /NDF: 5.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

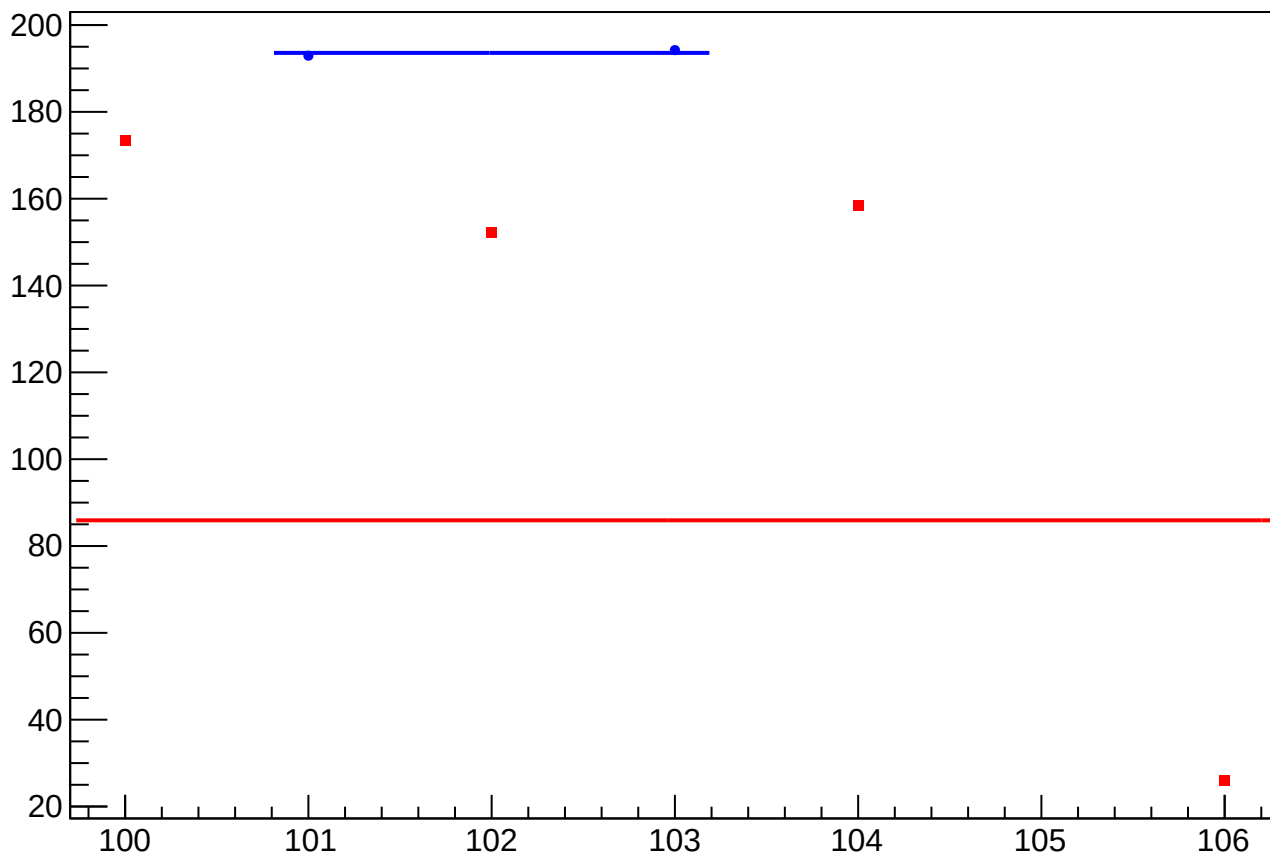
Right: -27.022 $\pm$ 3.574 χ^2 /NDF: 30.2/5

In: -41.094 $\pm$ 6.345 χ^2 /NDF:17.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.022 $\pm$ 3.574 χ^2 /NDF: 30.2/5

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 193.587 ± 0.235 $\chi^2/\text{NDF}: 7.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 85.921 ± 0.138 $\chi^2/\text{NDF}: 220618.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

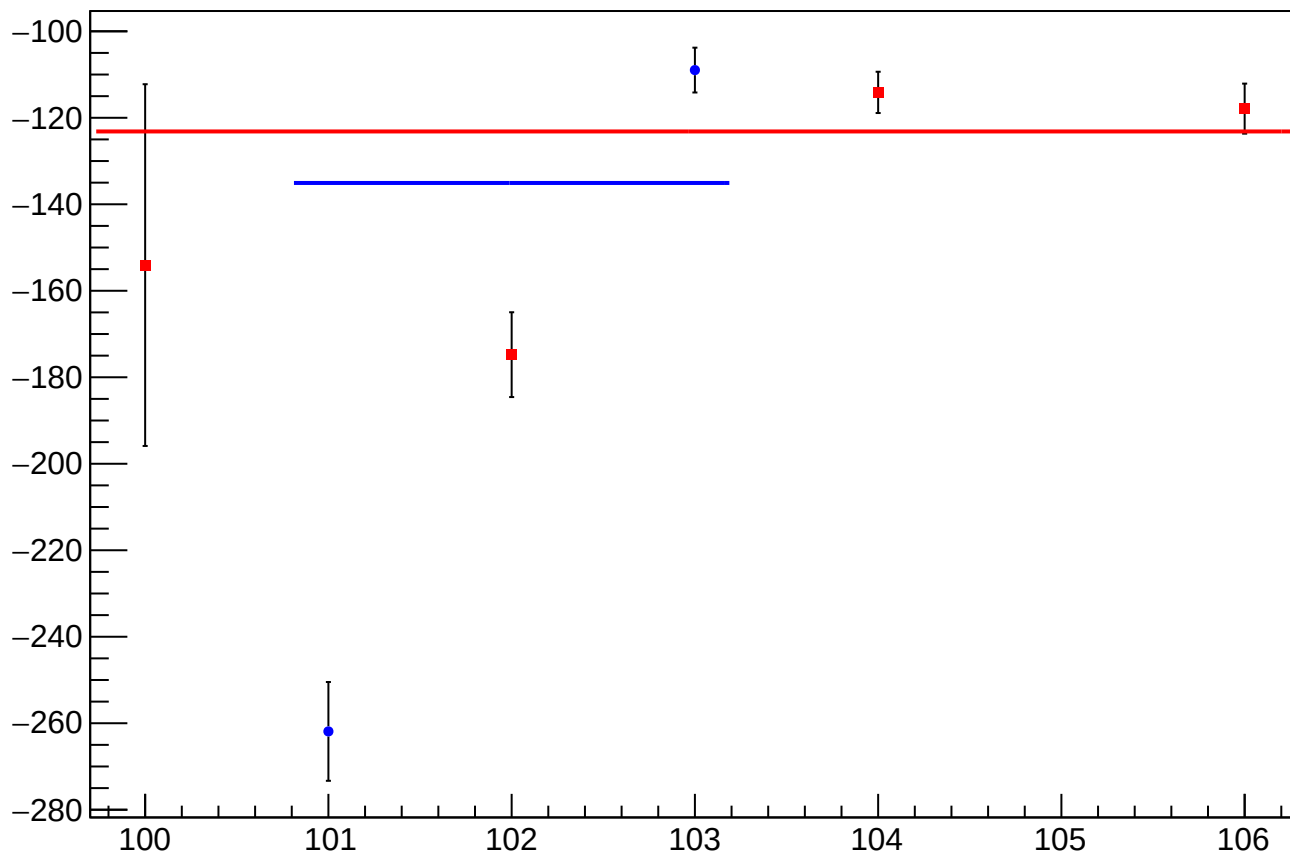
Right: 113.632 ± 0.119 $\chi^2/\text{NDF}: 376594.6/5$

In: 193.587 ± 0.235 $\chi^2/\text{NDF}: 7.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 113.632 ± 0.119 $\chi^2/\text{NDF}: 376594.6/5$

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -135.070+/-4.719 χ^2/NDF : 148.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.160+/-3.435 χ^2/NDF : 32.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

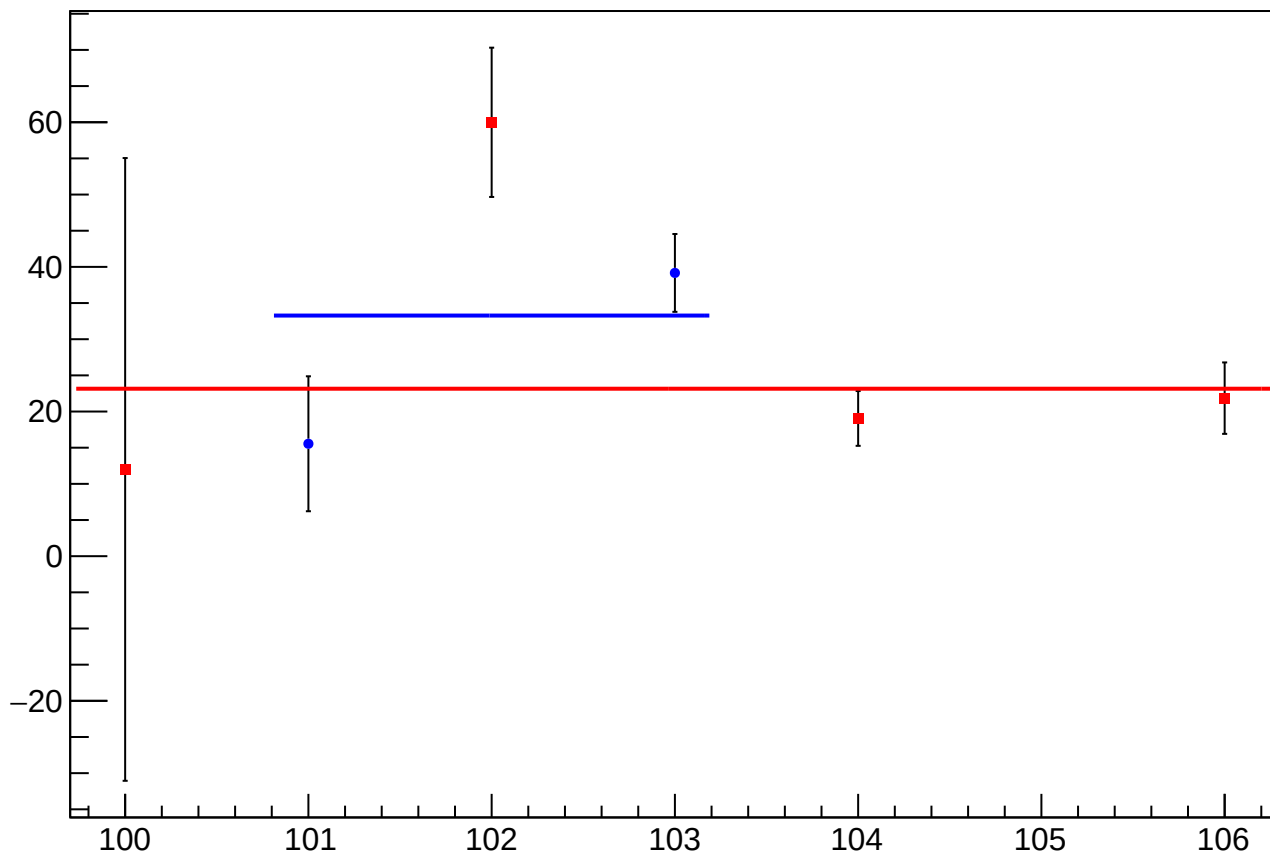
Right: -127.285+/-2.777 χ^2/NDF : 185.5/5

In: -135.070+/-4.719 χ^2/NDF : 148.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.285+/-2.777 χ^2/NDF : 185.5/5

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.271 $\pm$ 4.661 χ^2 /NDF: 4.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.154 $\pm$ 2.879 χ^2 /NDF: 14.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

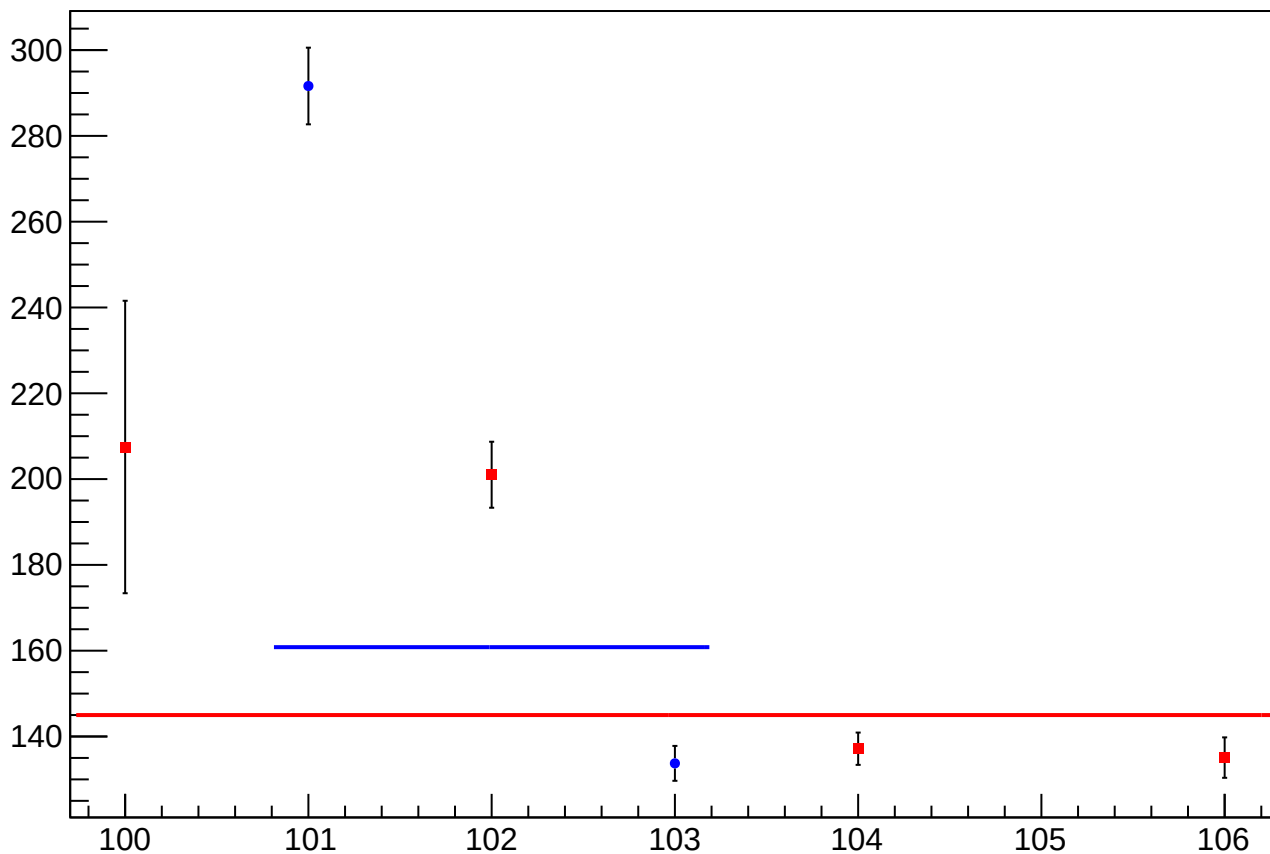
Right: 25.948 $\pm$ 2.449 χ^2 /NDF: 22.3/5

In: 33.271 $\pm$ 4.661 χ^2 /NDF:4.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.948 $\pm$ 2.449 χ^2 /NDF: 22.3/5

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 160.823+/-3.701 χ^2/NDF : 258.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.996+/-2.738 χ^2/NDF : 65.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

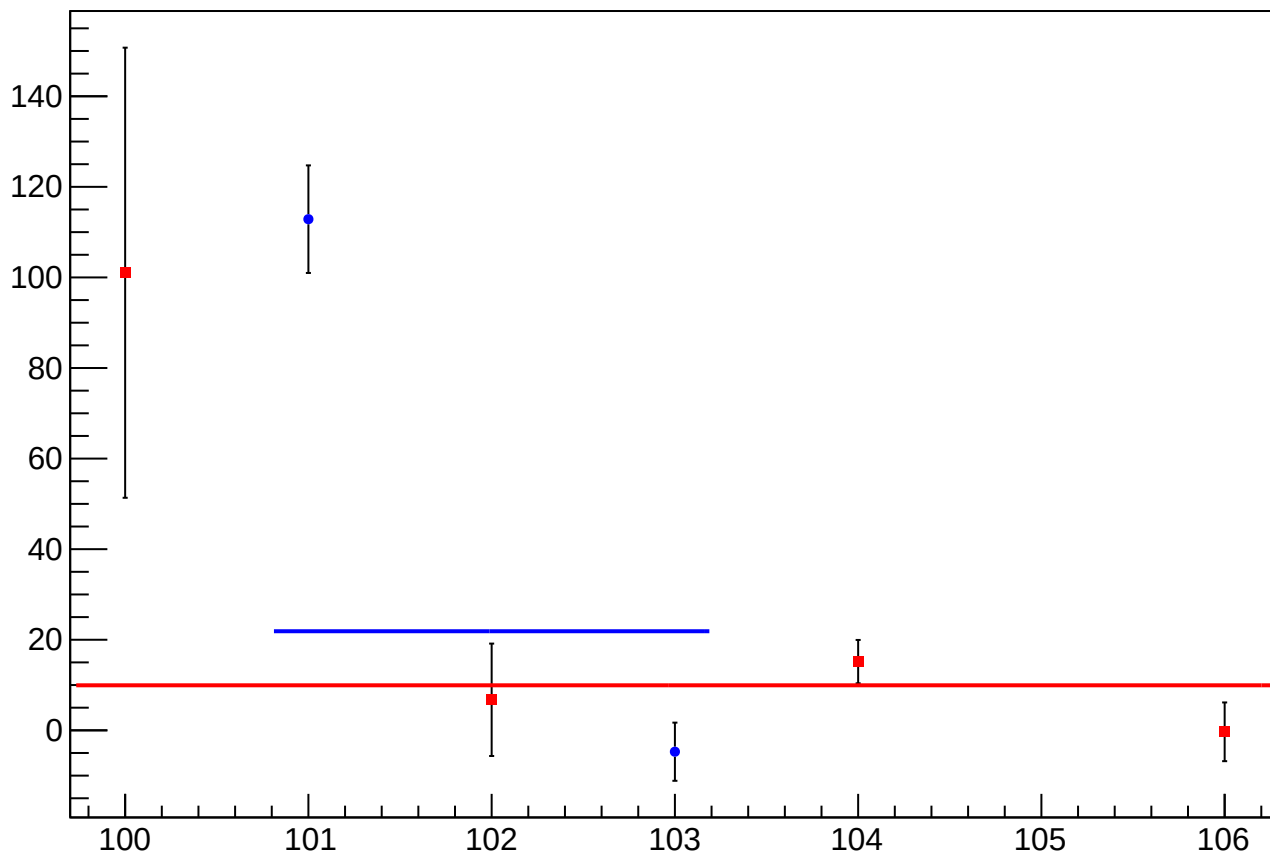
Right: 150.595+/-2.201 χ^2/NDF : 335.6/5

In: 160.823+/-3.701 χ^2/NDF : 258.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.595+/-2.201 χ^2/NDF : 335.6/5

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.880+/-5.649 χ^2/NDF : 75.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.943+/-3.667 χ^2/NDF : 7.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

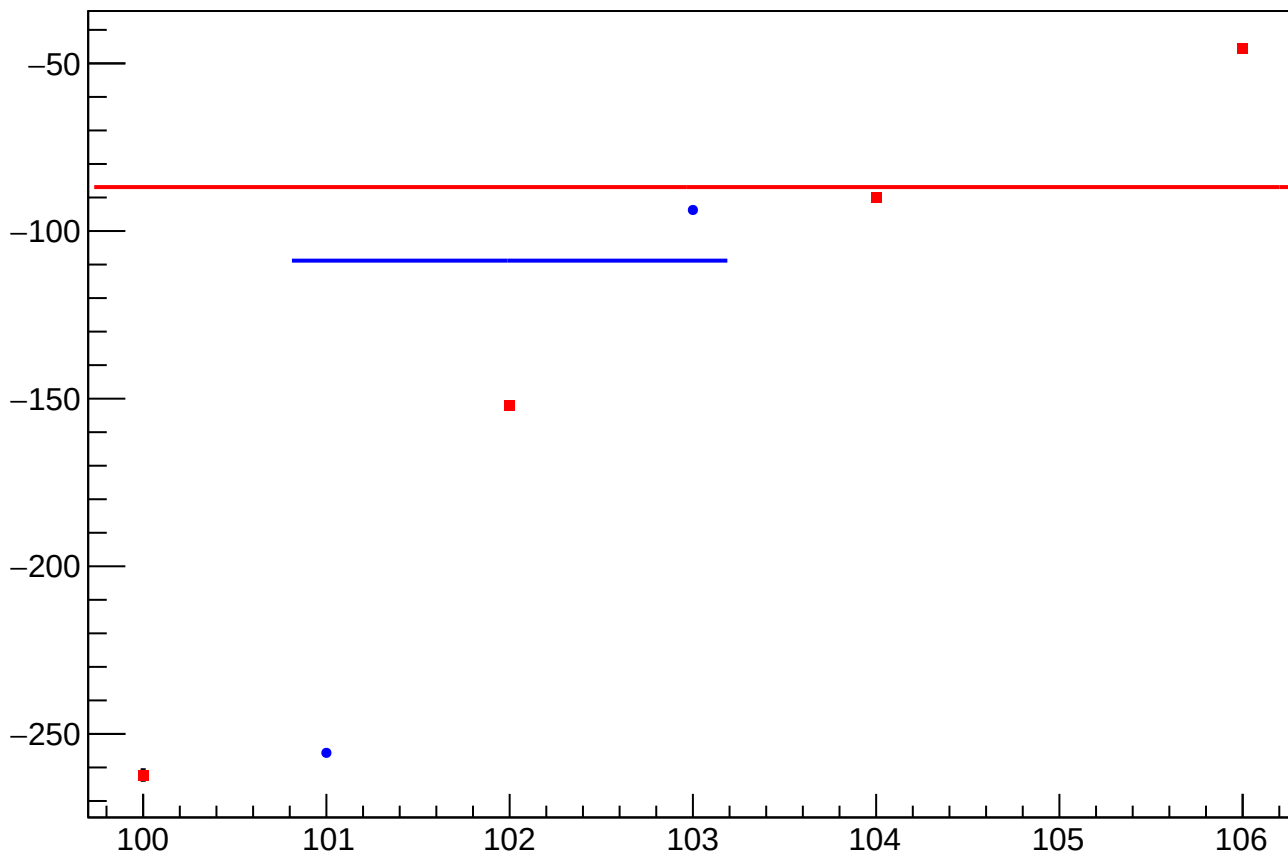
Right: 13.482+/-3.076 χ^2/NDF : 86.1/5

In: 21.880+/-5.649 χ^2/NDF : 75.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.482+/-3.076 χ^2/NDF : 86.1/5

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -108.830+/-0.162 χ^2/NDF : 84311.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -86.892+/-0.131 χ^2/NDF : 81194.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

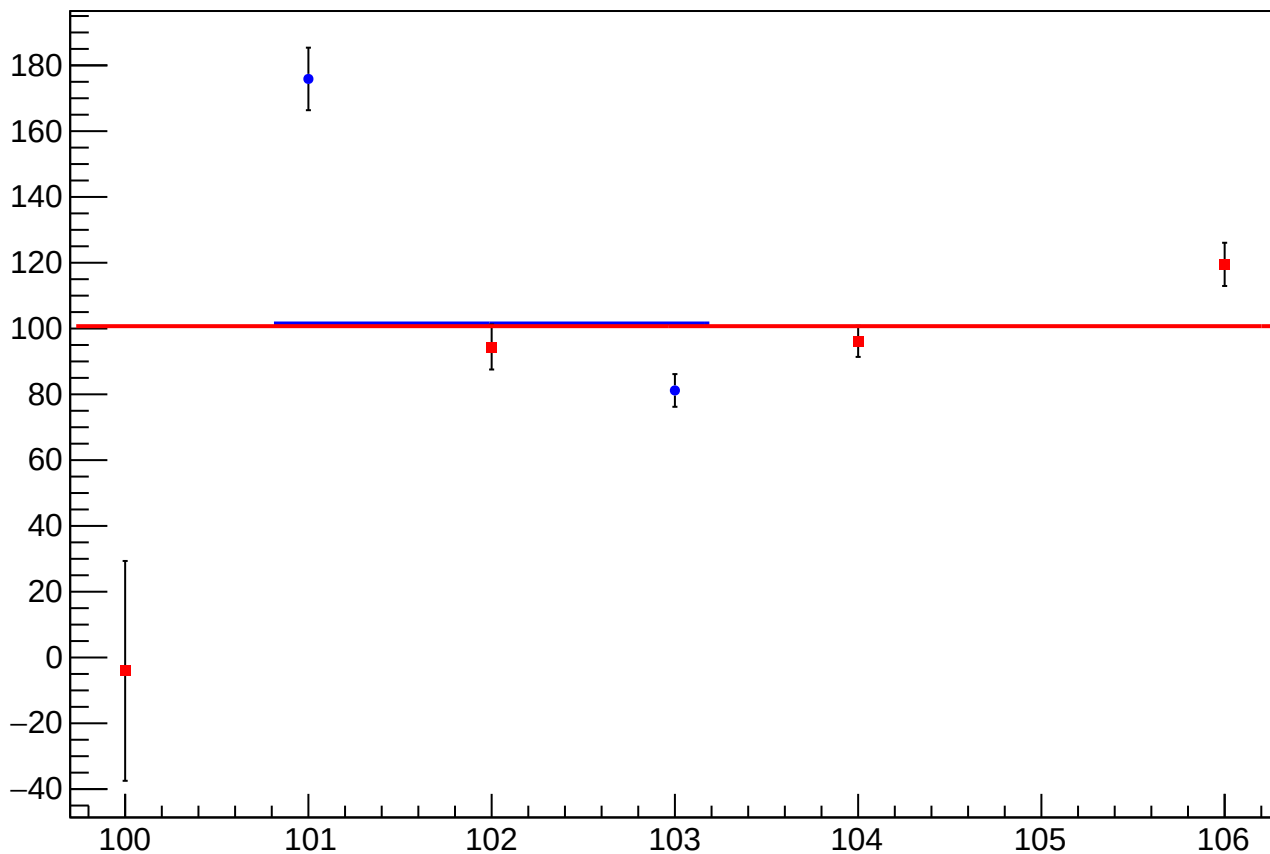
Right: -95.550+/-0.102 χ^2/NDF : 176578.7/5

In: -108.830+/-0.162 χ^2/NDF : 84311.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.550+/-0.102 χ^2/NDF : 176578.7/5

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 101.531 $\pm$ 4.406 χ^2 /NDF: 77.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.720 $\pm$ 3.331 χ^2 /NDF: 19.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

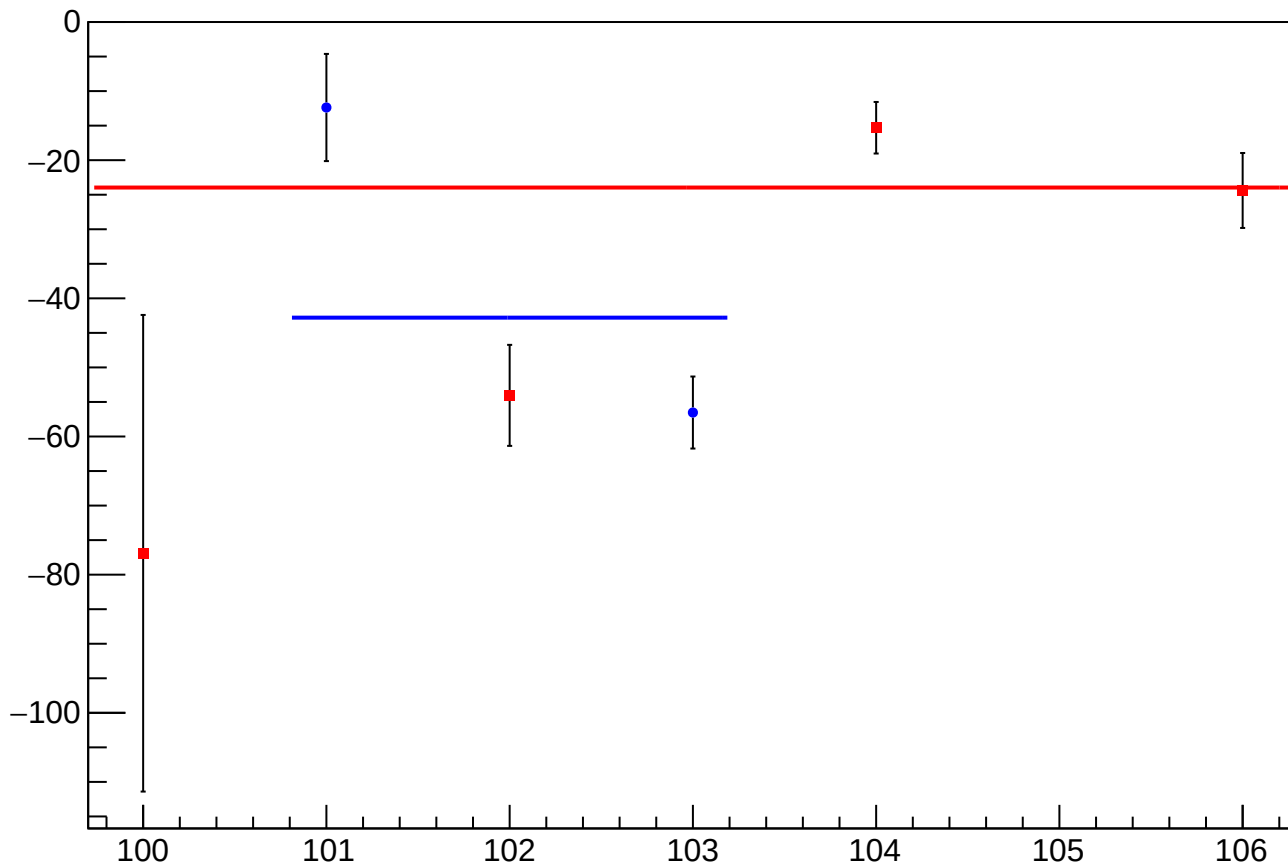
Right: 101.015 $\pm$ 2.657 χ^2 /NDF: 97.8/5

In: 101.531 $\pm$ 4.406 χ^2 /NDF:77.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.015 $\pm$ 2.657 χ^2 /NDF: 97.8/5

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.795 ± 4.327 χ^2/NDF : 22.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.961 ± 2.825 χ^2/NDF : 24.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

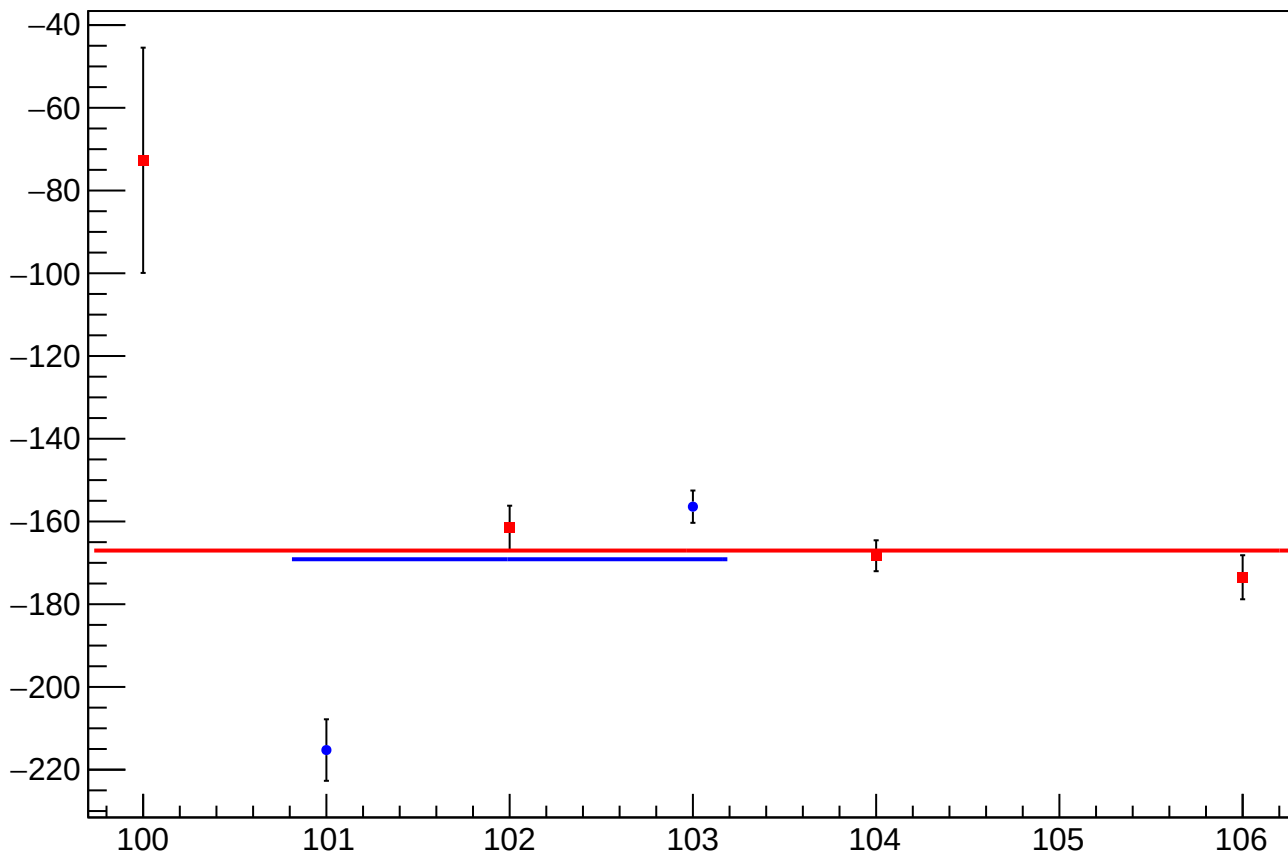
Right: -29.590 ± 2.365 χ^2/NDF : 60.3/5

In: -42.795 ± 4.327 χ^2/NDF : 22.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.590 ± 2.365 χ^2/NDF : 60.3/5

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -169.132 $\pm$ 3.456 χ^2 /NDF: 49.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -167.027 $\pm$ 2.643 χ^2 /NDF: 14.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

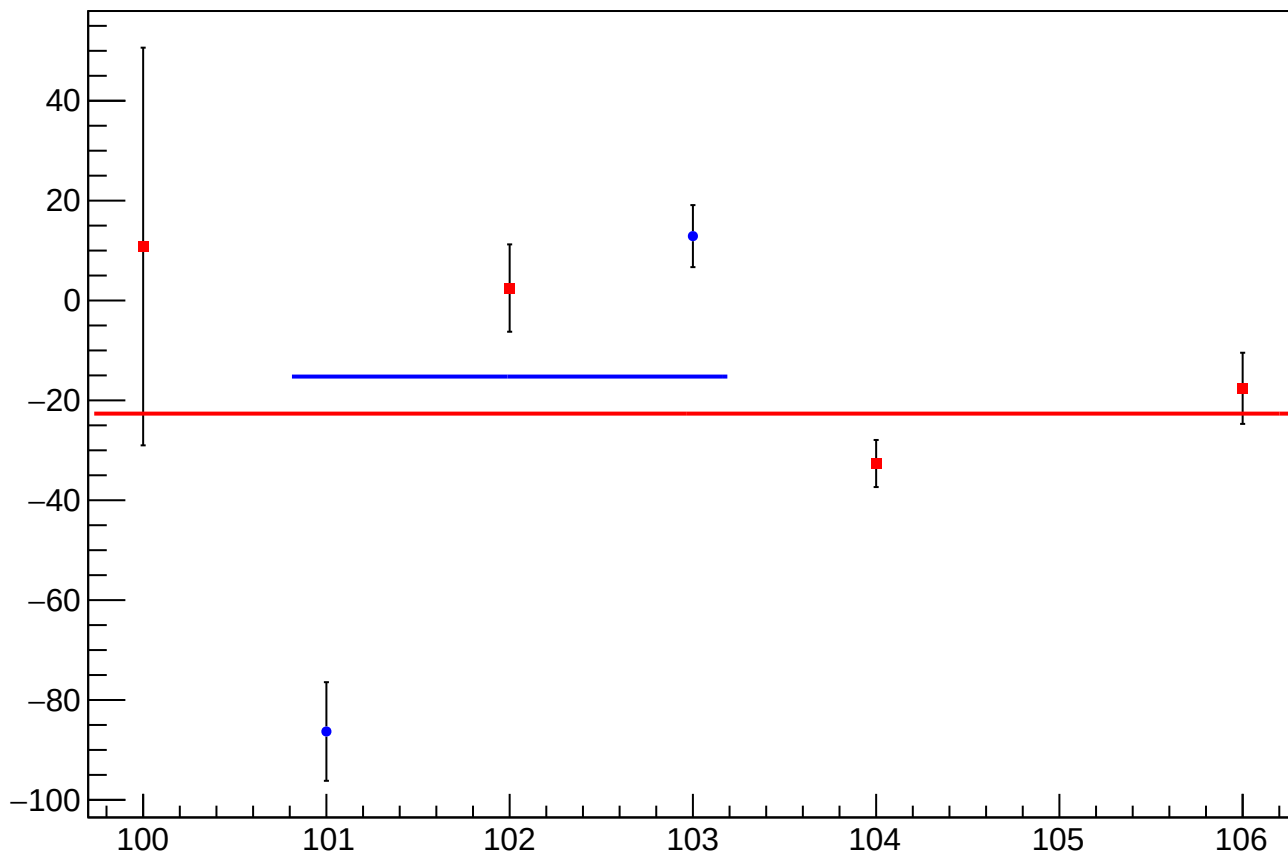
Right: -167.804 $\pm$ 2.099 χ^2 /NDF: 64.0/5

In: -169.132 $\pm$ 3.456 χ^2 /NDF: 49.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -167.804 $\pm$ 2.099 χ^2 /NDF: 64.0/5

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.232 $\pm$ 5.258 χ^2 /NDF: 72.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.651 $\pm$ 3.572 χ^2 /NDF: 14.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

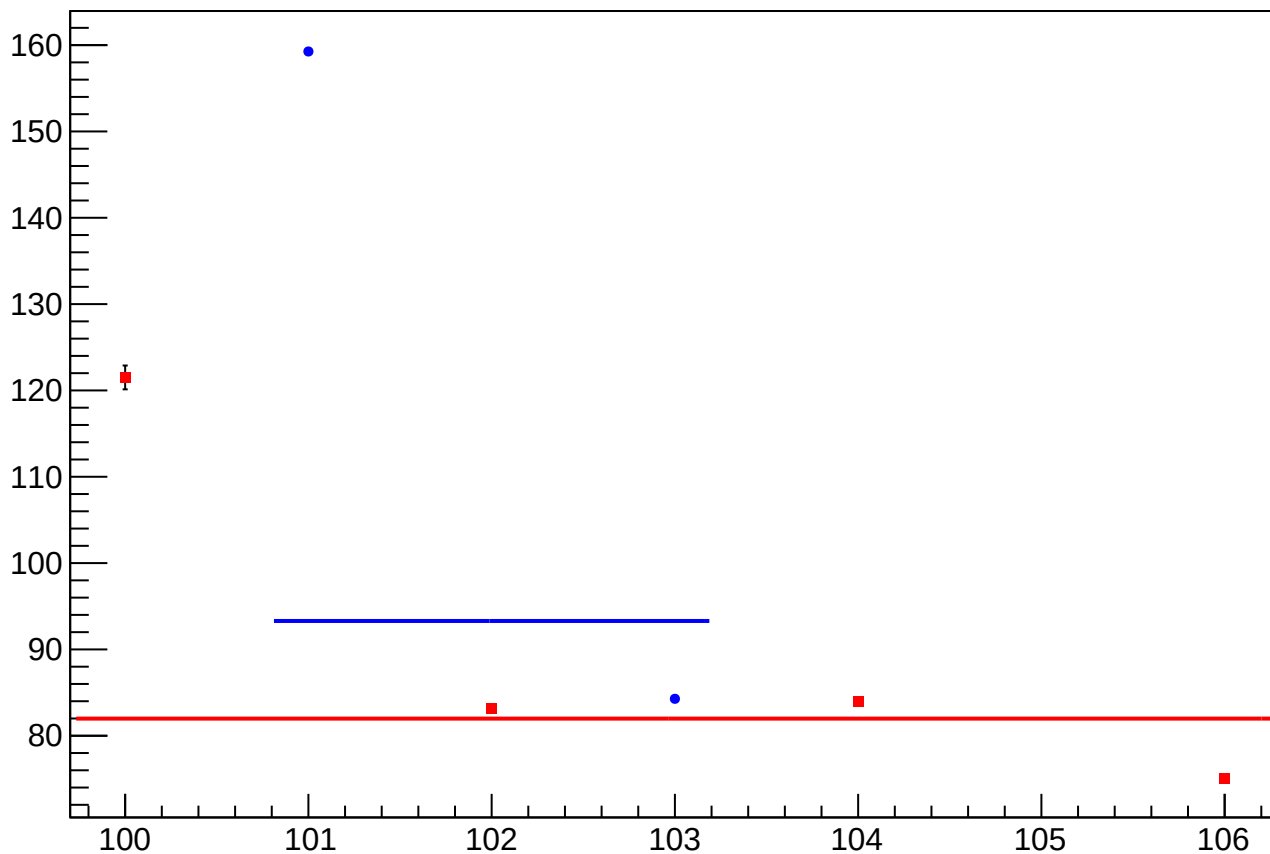
Right: -20.308 $\pm$ 2.954 χ^2 /NDF: 87.6/5

In: -15.232 $\pm$ 5.258 χ^2 /NDF:72.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.308 $\pm$ 2.954 χ^2 /NDF: 87.6/5

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 93.296+/-0.153 χ^2/NDF : 25444.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.986+/-0.123 χ^2/NDF : 1716.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

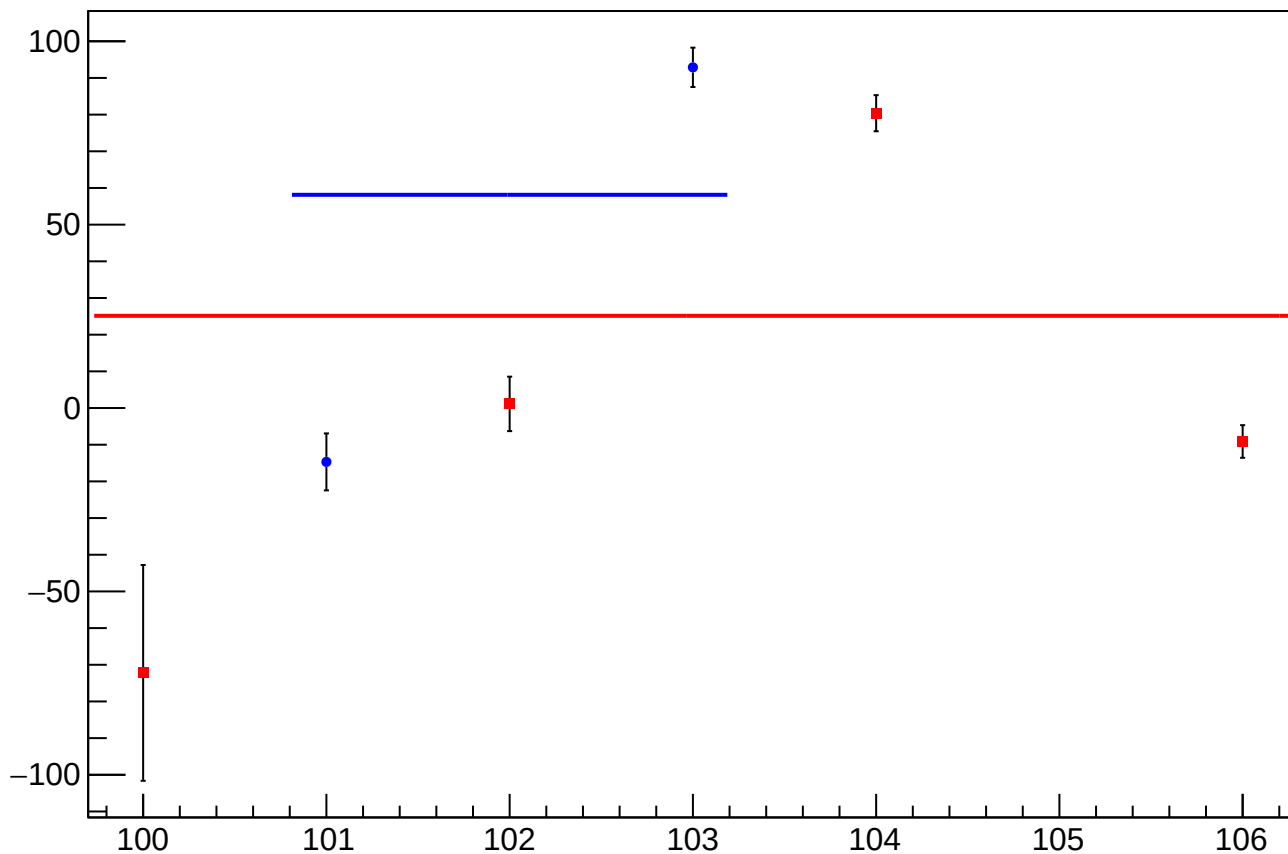
Right: 86.431+/-0.096 χ^2/NDF : 30483.2/5

In: 93.296+/-0.153 χ^2/NDF : 25444.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.431+/-0.096 χ^2/NDF : 30483.2/5

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.137 ± 4.414 $\chi^2/\text{NDF}: 129.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 25.148 ± 3.001 $\chi^2/\text{NDF}: 206.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

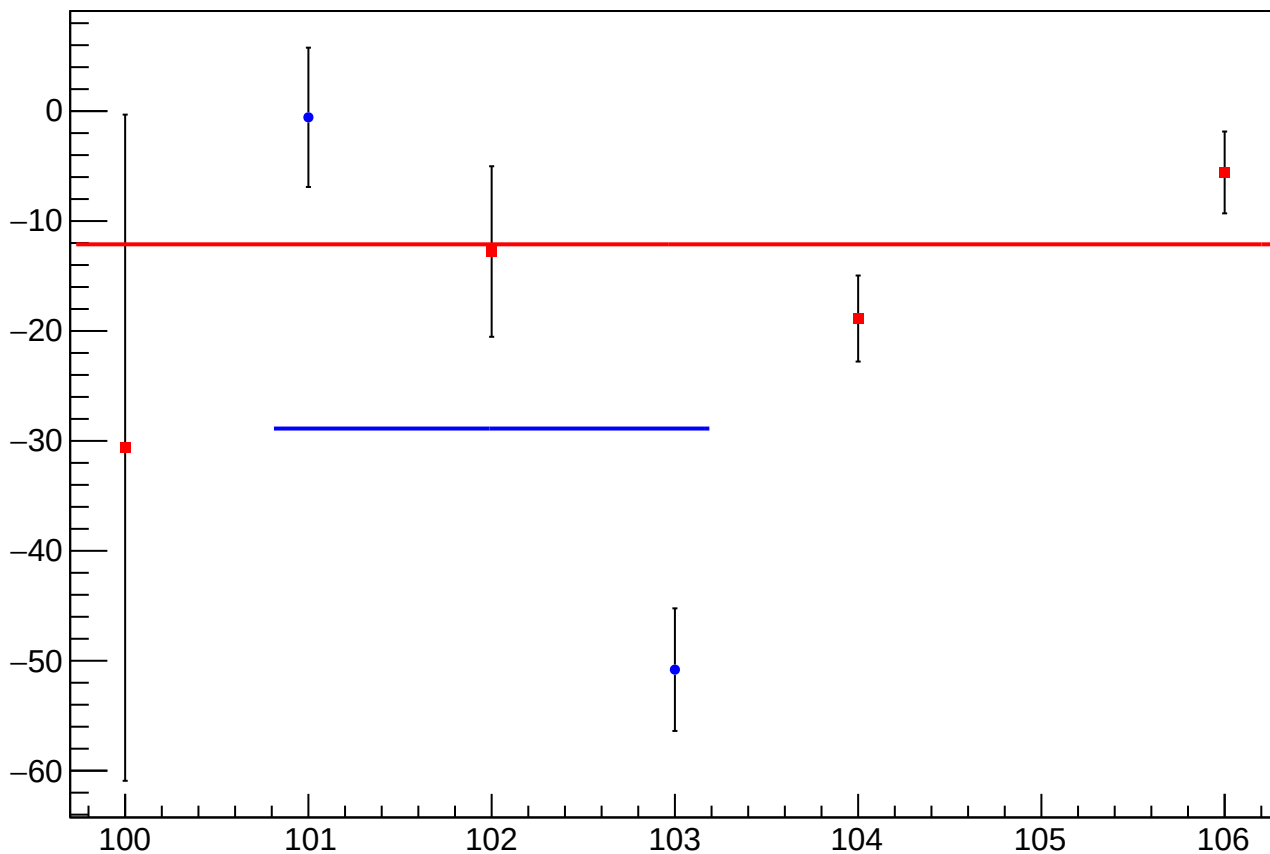
Right: 35.578 ± 2.482 $\chi^2/\text{NDF}: 374.7/5$

In: 58.137 ± 4.414 $\chi^2/\text{NDF}: 129.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 35.578 ± 2.482 $\chi^2/\text{NDF}: 374.7/5$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.876 $\pm$ 4.186 χ^2 /NDF: 35.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.117 $\pm$ 2.539 χ^2 /NDF: 6.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

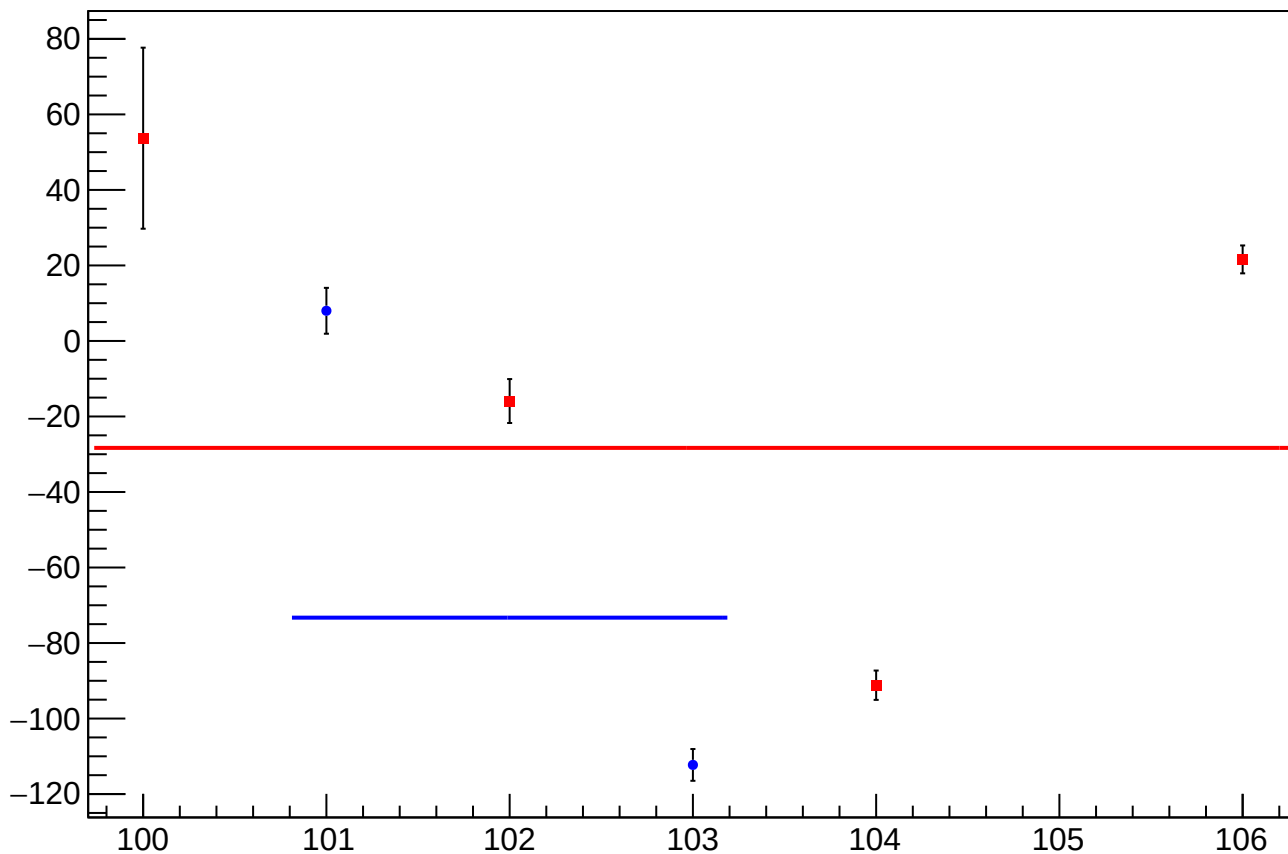
Right: -16.622 $\pm$ 2.171 χ^2 /NDF: 53.6/5

In: -28.876 $\pm$ 4.186 χ^2 /NDF:35.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.622 $\pm$ 2.171 χ^2 /NDF: 53.6/5

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.277 ± 3.459 $\chi^2/\text{NDF}: 264.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -28.320 ± 2.420 $\chi^2/\text{NDF}: 460.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

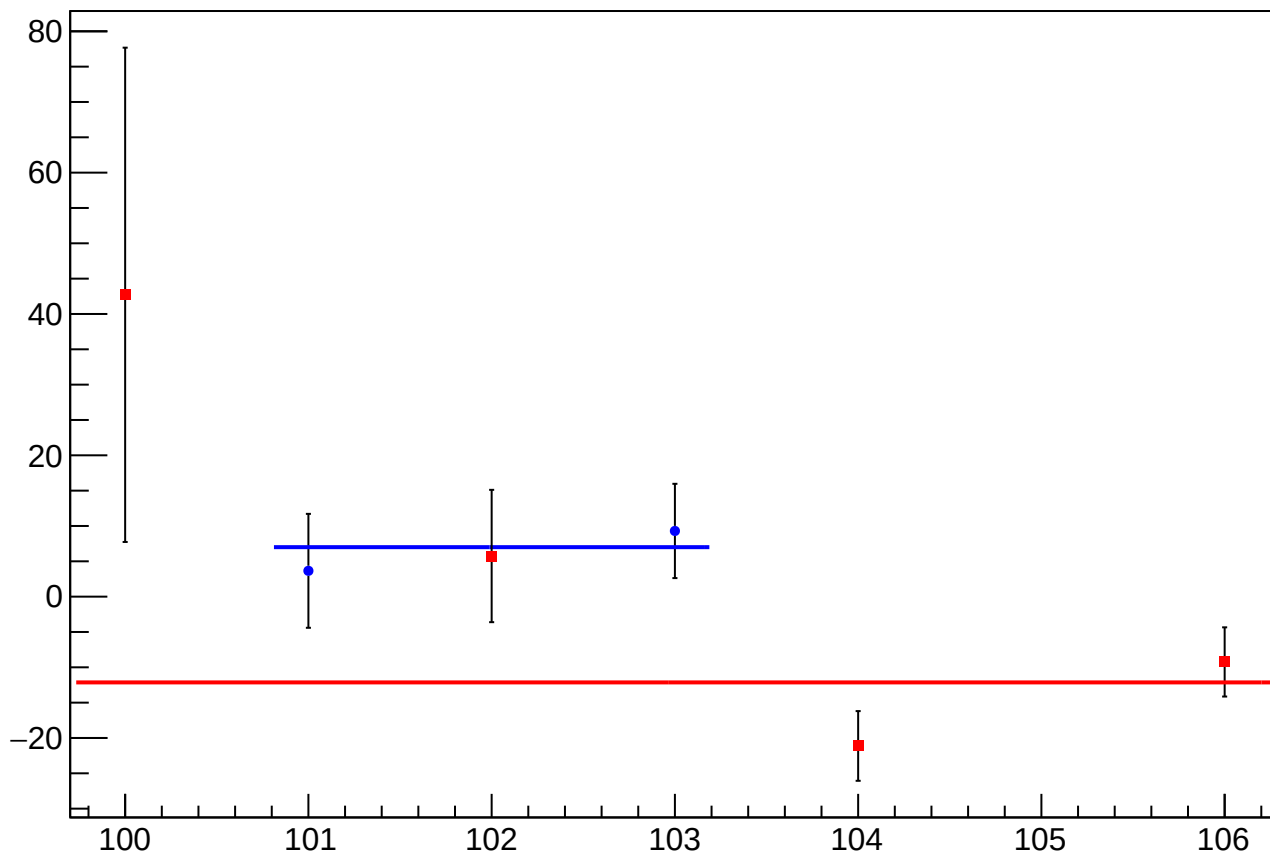
Right: -43.093 ± 1.983 $\chi^2/\text{NDF}: 838.9/5$

In: -73.277 ± 3.459 $\chi^2/\text{NDF}: 264.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -43.093 ± 1.983 $\chi^2/\text{NDF}: 838.9/5$

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.002+/-5.139 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.136+/-3.244 χ^2/NDF : 9.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

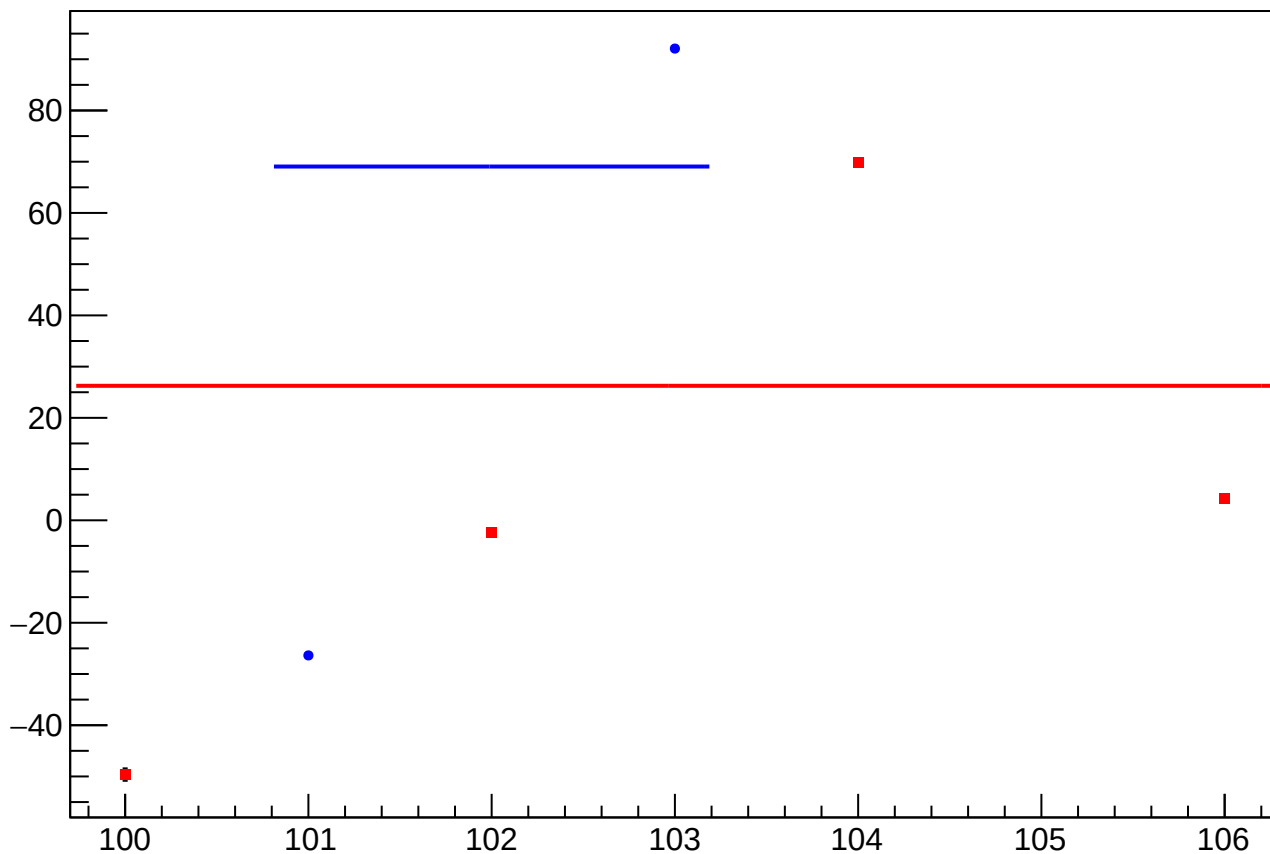
Right: -6.684+/-2.743 χ^2/NDF : 20.0/5

In: 7.002+/-5.139 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.684+/-2.743 χ^2/NDF : 20.0/5

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 69.058+/-0.158 χ^2/NDF : 87514.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.256+/-0.113 χ^2/NDF : 87121.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

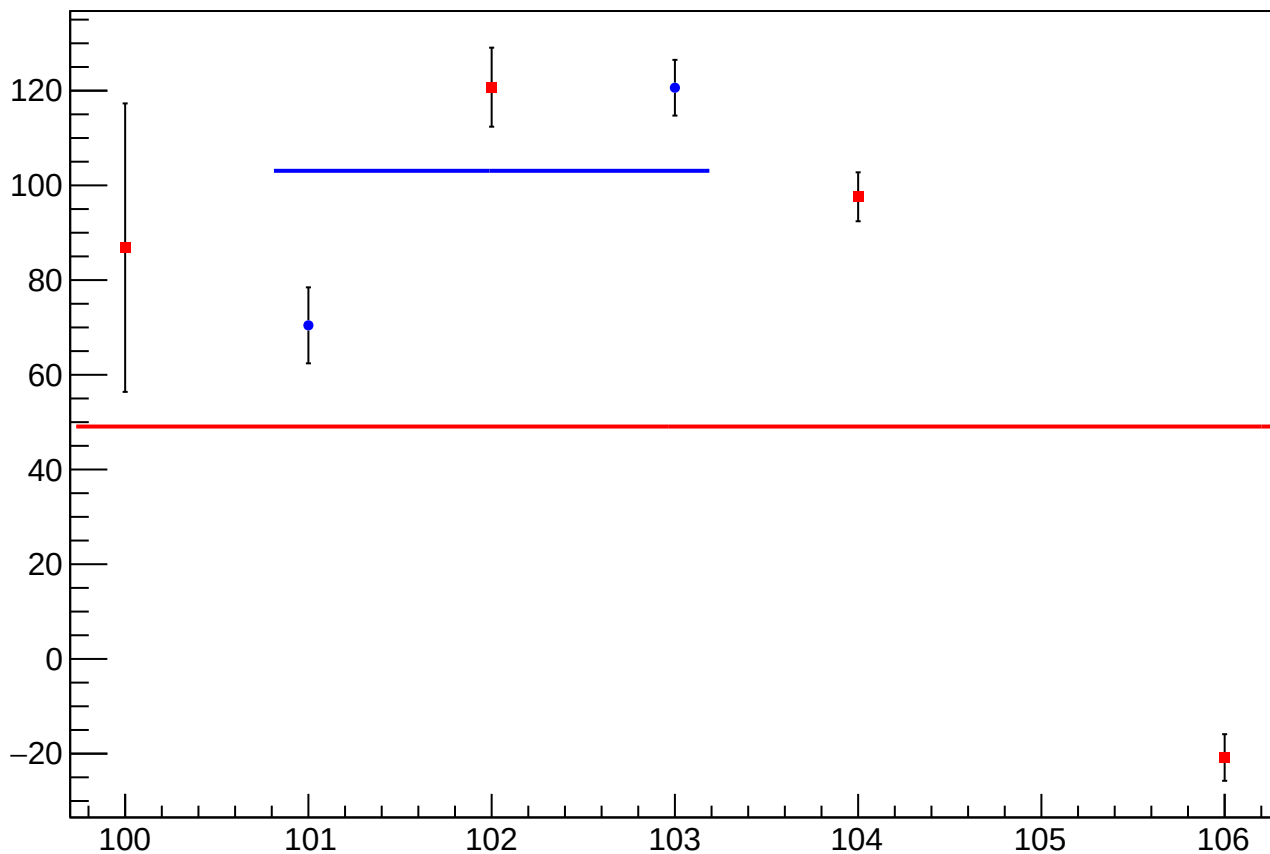
Right: 40.717+/-0.092 χ^2/NDF : 222947.8/5

In: 69.058+/-0.158 χ^2/NDF : 87514.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.717+/-0.092 χ^2/NDF : 222947.8/5

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.076 $\pm$ 4.744 χ^2 /NDF: 25.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 49.076 $\pm$ 3.258 χ^2 /NDF: 365.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

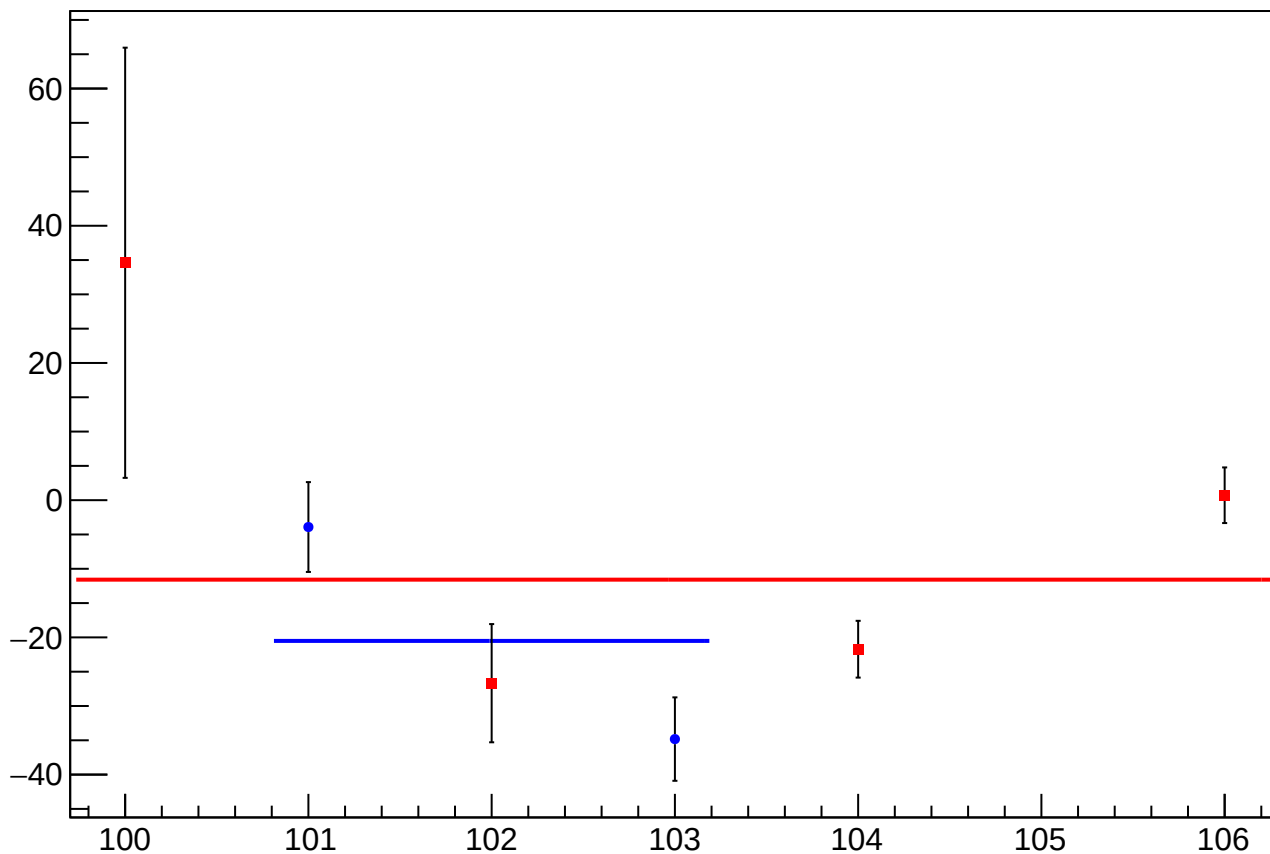
Right: 66.380 $\pm$ 2.686 χ^2 /NDF: 478.7/5

In: 103.076 $\pm$ 4.744 χ^2 /NDF:25.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 66.380 $\pm$ 2.686 χ^2 /NDF: 478.7/5

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.514 $\pm$ 4.456 χ^2 /NDF: 12.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.585 $\pm$ 2.735 χ^2 /NDF: 20.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

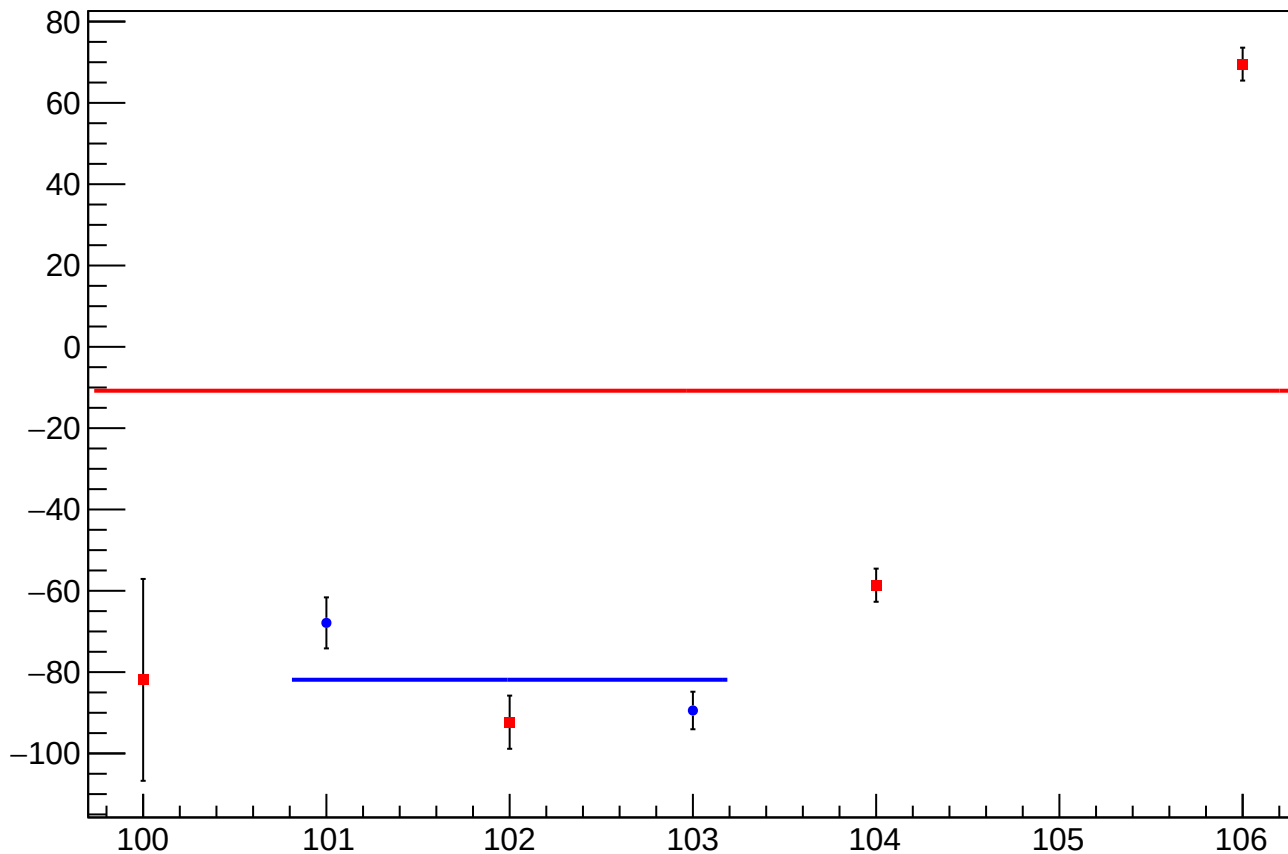
Right: -14.028 $\pm$ 2.331 χ^2 /NDF: 35.3/5

In: -20.514 $\pm$ 4.456 χ^2 /NDF:12.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.028 $\pm$ 2.331 χ^2 /NDF: 35.3/5

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.877 ± 3.718 $\chi^2/\text{NDF}: 7.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.790 ± 2.615 $\chi^2/\text{NDF}: 694.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

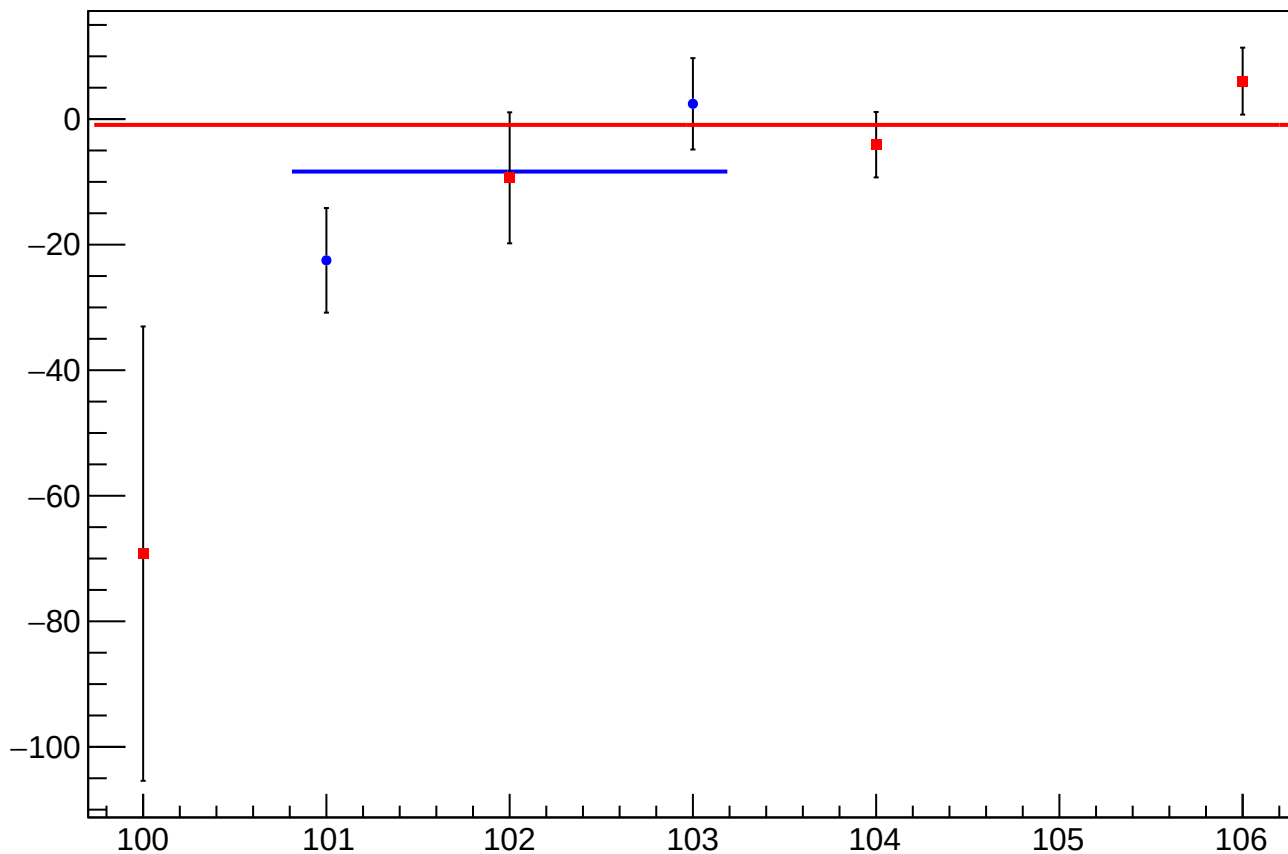
Right: -34.325 ± 2.139 $\chi^2/\text{NDF}: 947.2/5$

In: -81.877 ± 3.718 $\chi^2/\text{NDF}: 7.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.325 ± 2.139 $\chi^2/\text{NDF}: 947.2/5$

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.356+/-5.480 χ^2/NDF : 5.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.925+/-3.494 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

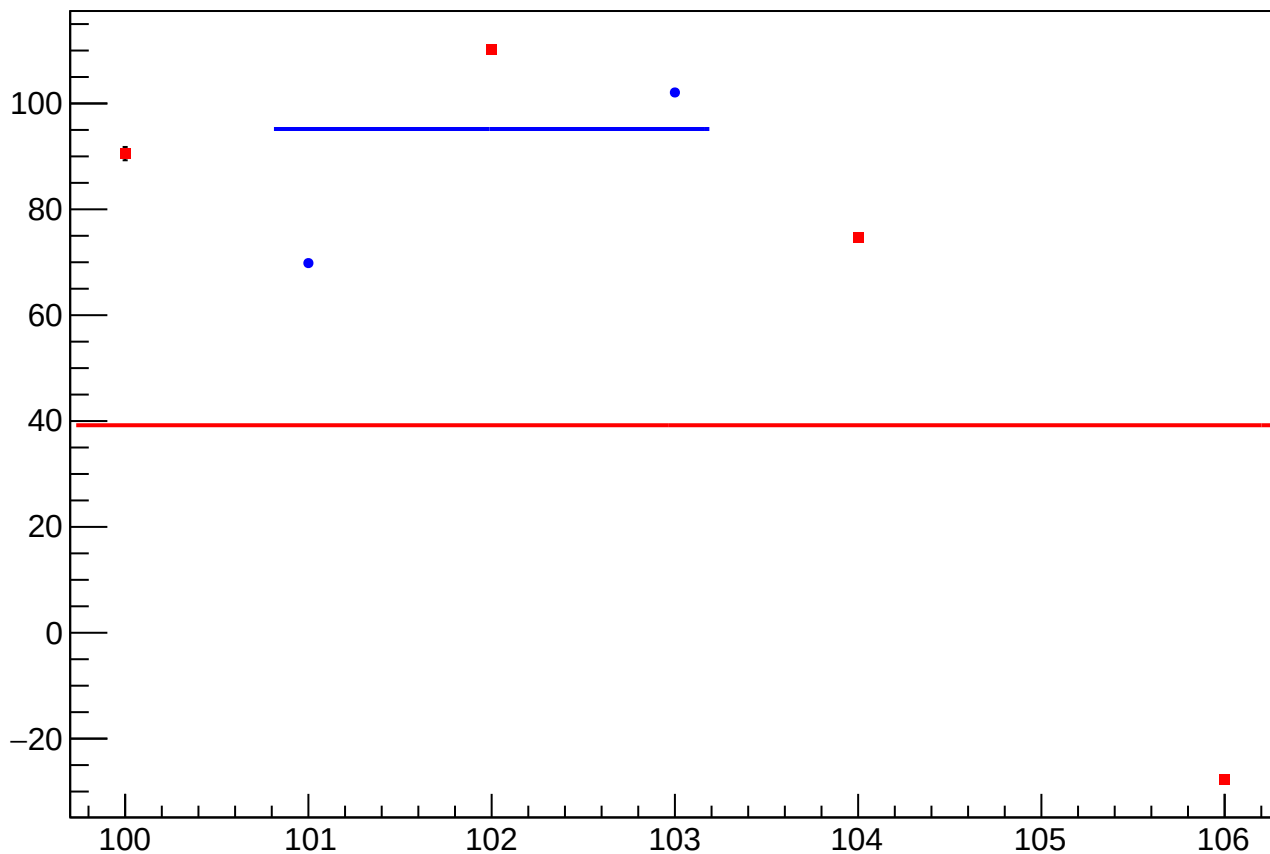
Right: -3.073+/-2.946 χ^2/NDF : 12.7/5

In: -8.356+/-5.480 χ^2/NDF :5.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.073+/-2.946 χ^2/NDF : 12.7/5

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.176 $\pm$ 0.172 χ^2 /NDF: 5914.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.207 $\pm$ 0.123 χ^2 /NDF: 219219.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

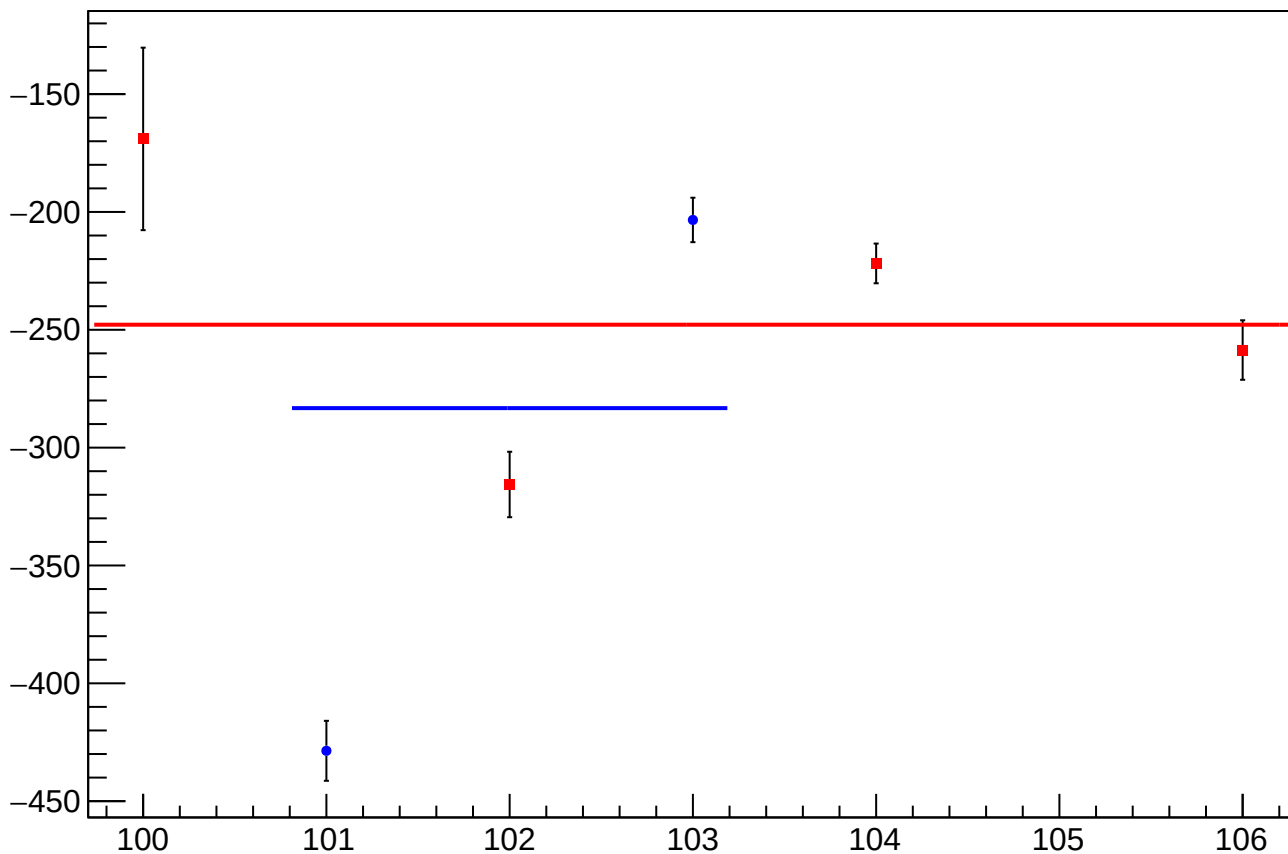
Right: 58.160 $\pm$ 0.100 χ^2 /NDF: 295226.7/5

In: 95.176 $\pm$ 0.172 χ^2 /NDF:5914.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 58.160 $\pm$ 0.100 χ^2 /NDF: 295226.7/5

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -283.236+/-7.576 χ^2 /NDF: 202.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -247.843+/-6.176 χ^2 /NDF: 38.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

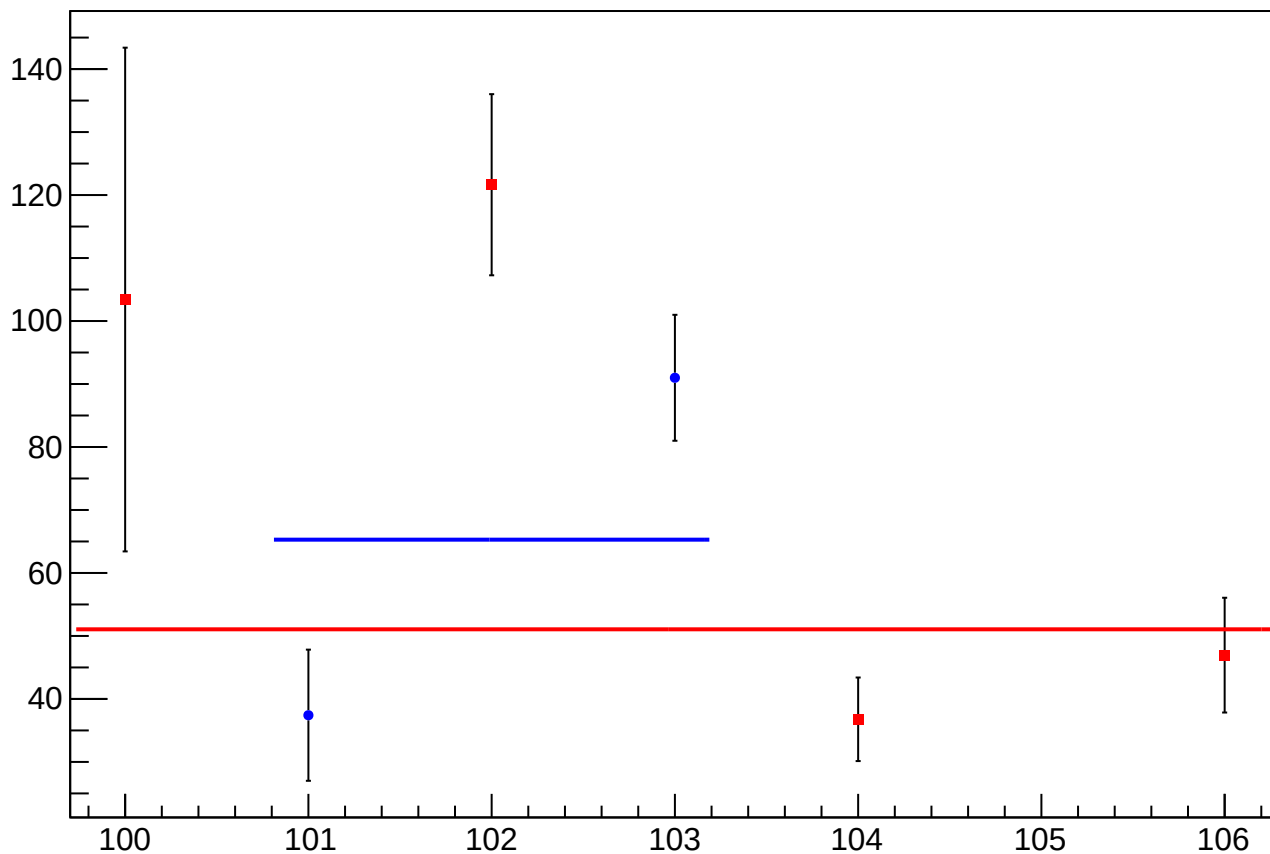
Right: -261.972+/-4.787 χ^2 /NDF: 253.6/5

In: -283.236+/-7.576 χ^2 /NDF:202.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -261.972+/-4.787 χ^2 /NDF: 253.6/5

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 65.287+/-7.211 χ^2/NDF : 13.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.055+/-4.985 χ^2/NDF : 30.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

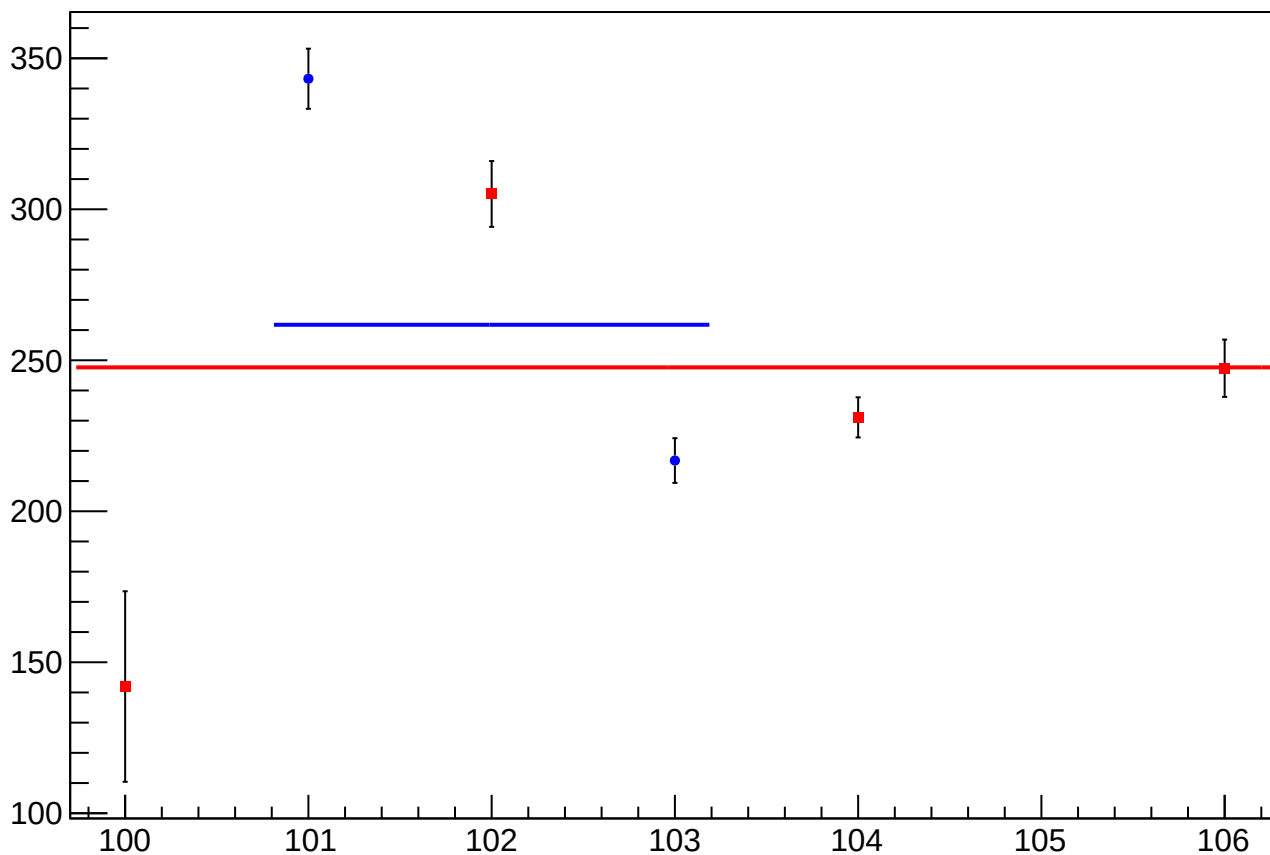
Right: 55.657+/-4.101 χ^2/NDF : 47.1/5

In: 65.287+/-7.211 χ^2/NDF : 13.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.657+/-4.101 χ^2/NDF : 47.1/5

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 261.760 $\pm$ 5.939 χ^2 /NDF: 103.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 247.652 $\pm$ 4.812 χ^2 /NDF: 45.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

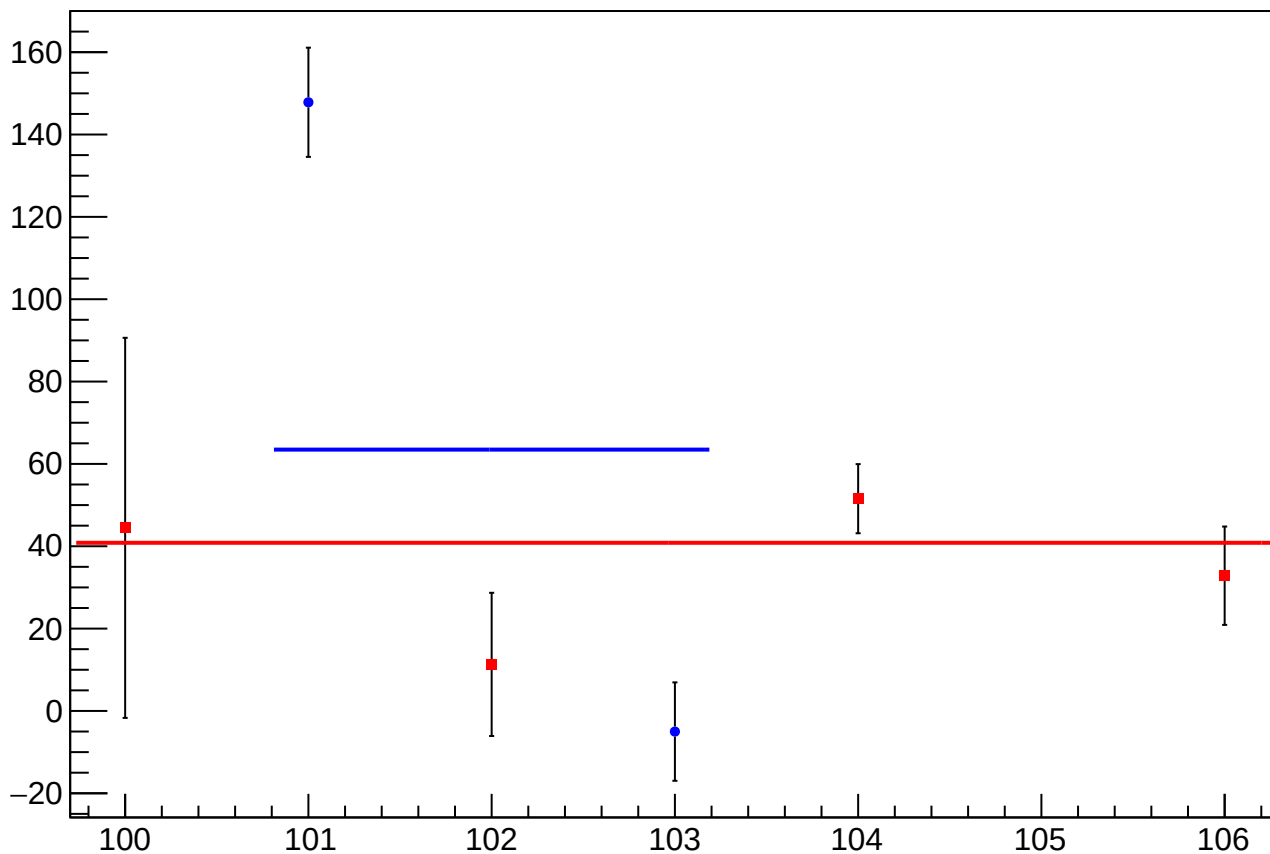
Right: 253.243 $\pm$ 3.739 χ^2 /NDF: 152.5/5

In: 261.760 $\pm$ 5.939 χ^2 /NDF: 103.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 253.243 $\pm$ 3.739 χ^2 /NDF: 152.5/5

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 63.473+/-8.878 χ^2/NDF : 73.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.841+/-6.328 χ^2/NDF : 5.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

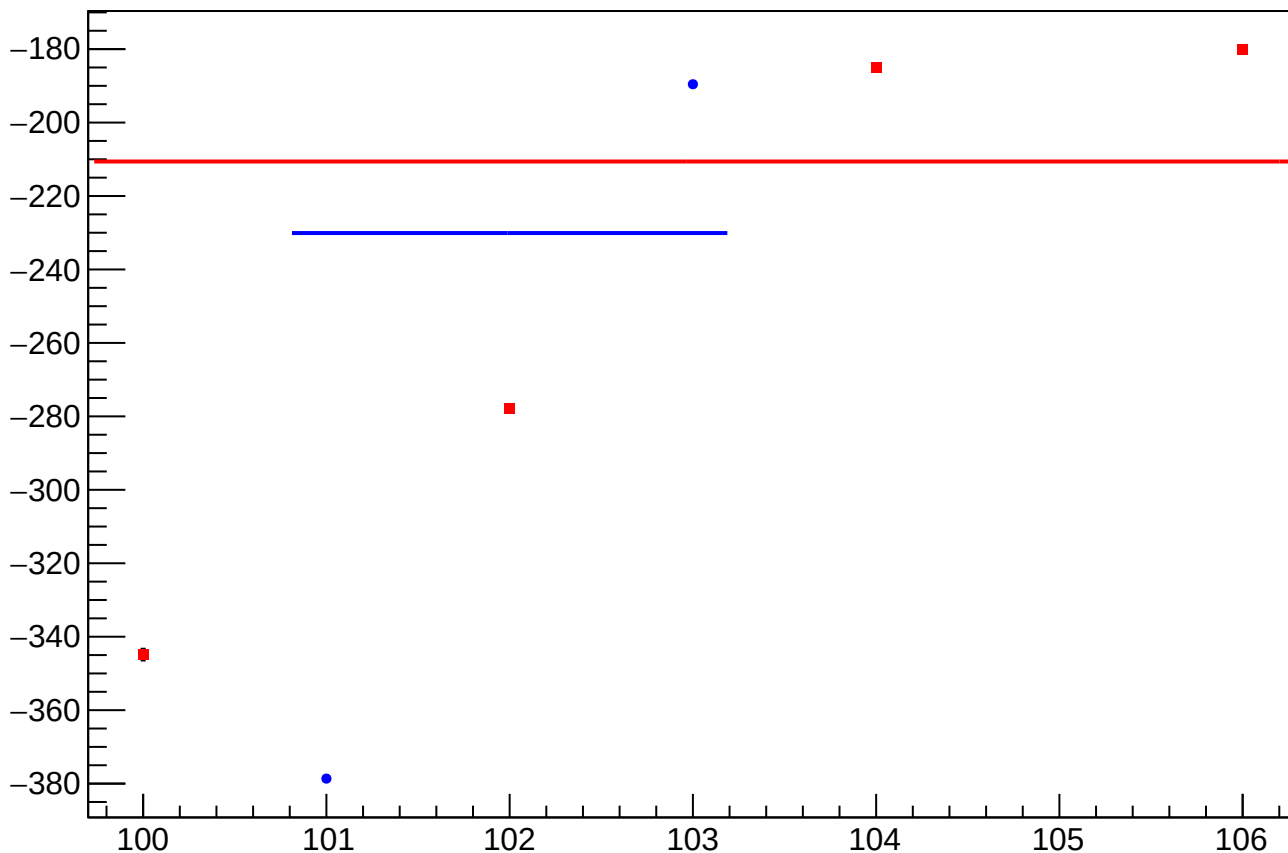
Right: 48.465+/-5.153 χ^2/NDF : 82.6/5

In: 63.473+/-8.878 χ^2/NDF : 73.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.465+/-5.153 χ^2/NDF : 82.6/5

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -230.083 ± 0.275 $\chi^2/\text{NDF}: 79448.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -210.602 ± 0.235 $\chi^2/\text{NDF}: 37078.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

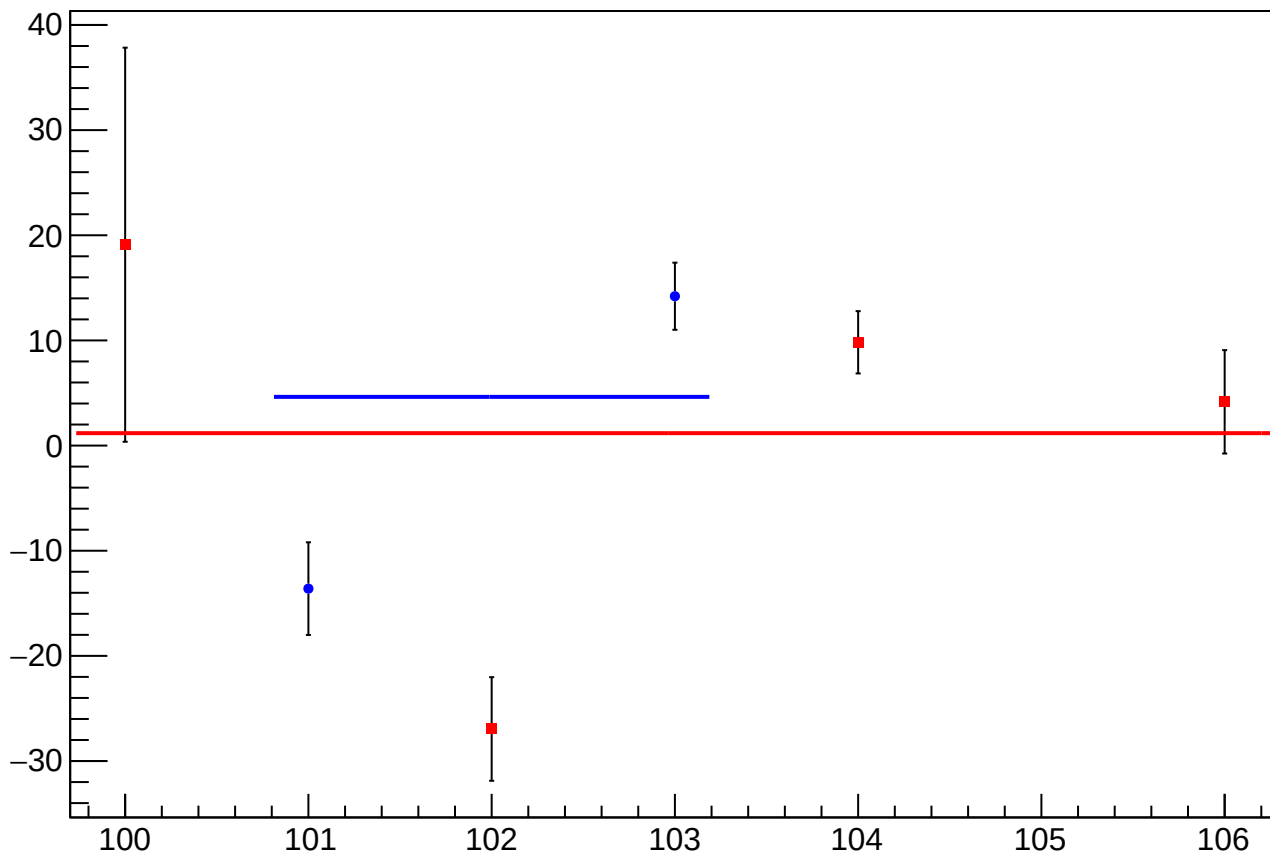
Right: -218.815 ± 0.179 $\chi^2/\text{NDF}: 119424.5/5$

In: -230.083 ± 0.275 $\chi^2/\text{NDF}: 79448.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -218.815 ± 0.179 $\chi^2/\text{NDF}: 119424.5/5$

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.633+/-2.585 χ^2/NDF : 26.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.180+/-2.240 χ^2/NDF : 42.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

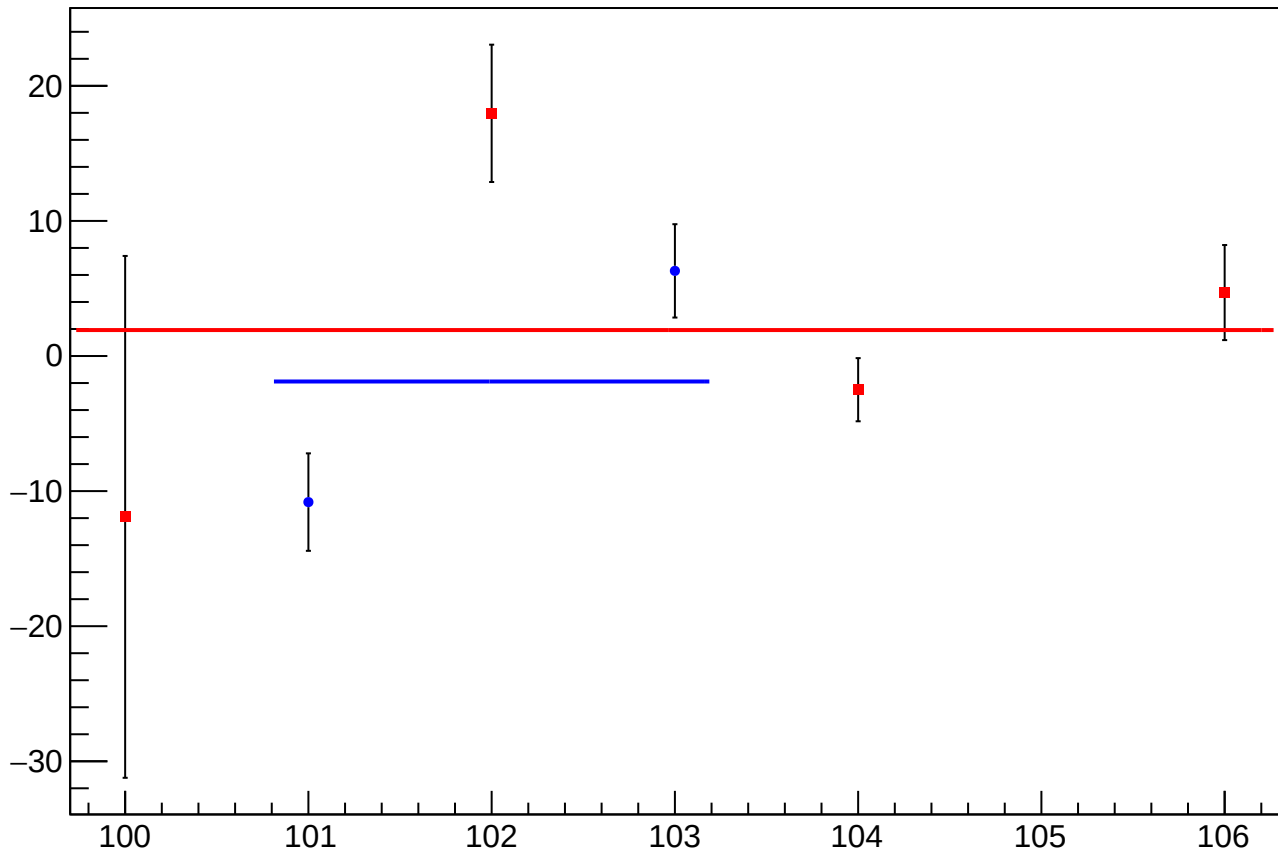
Right: 2.661+/-1.693 χ^2/NDF : 69.5/5

In: 4.633+/-2.585 χ^2/NDF : 26.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.661+/-1.693 χ^2/NDF : 69.5/5

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.886 $\pm$ 2.495 χ^2 /NDF: 11.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.922 $\pm$ 1.810 χ^2 /NDF: 14.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

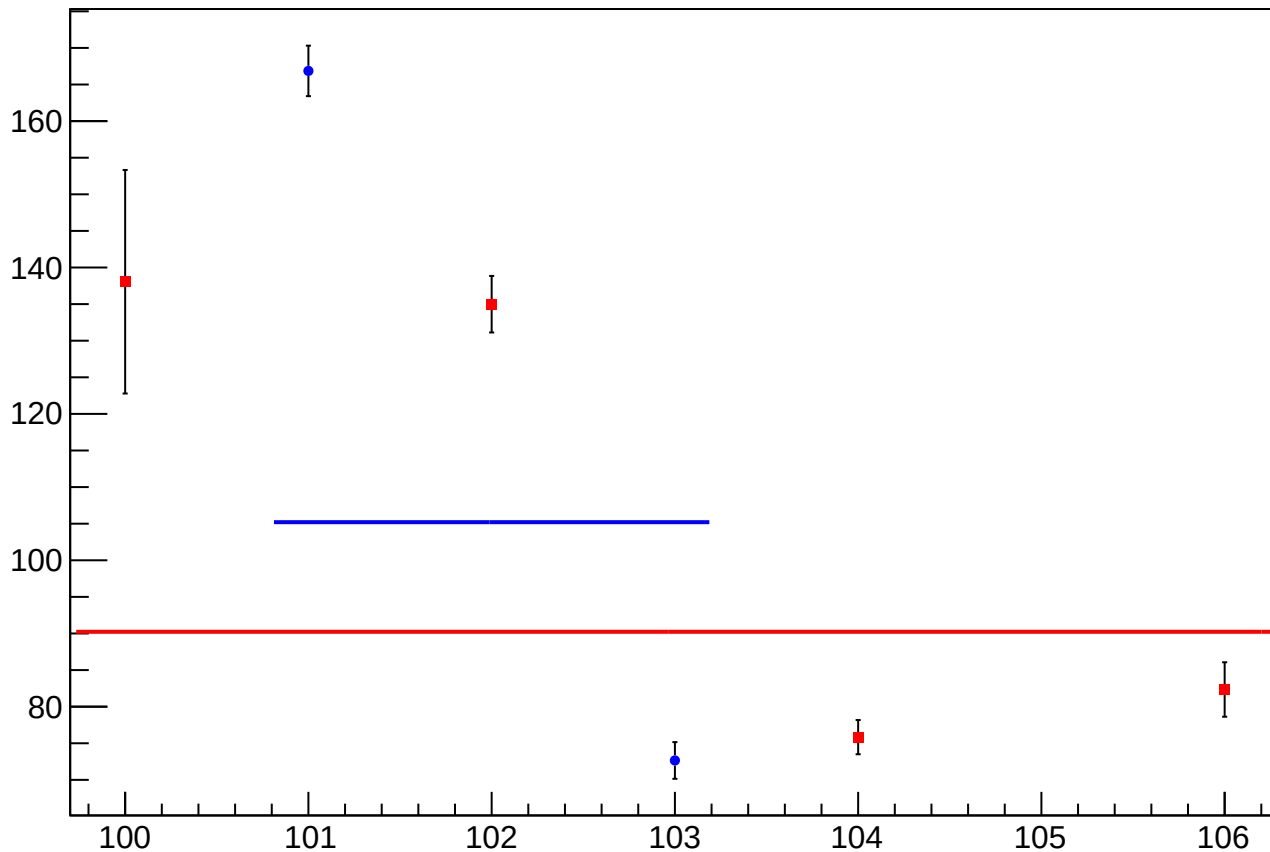
Right: 0.609 $\pm$ 1.465 χ^2 /NDF: 27.9/5

In: -1.886 $\pm$ 2.495 χ^2 /NDF:11.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.609 $\pm$ 1.465 χ^2 /NDF: 27.9/5

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 105.206+/-2.027 χ^2/NDF : 488.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.231+/-1.750 χ^2/NDF : 186.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

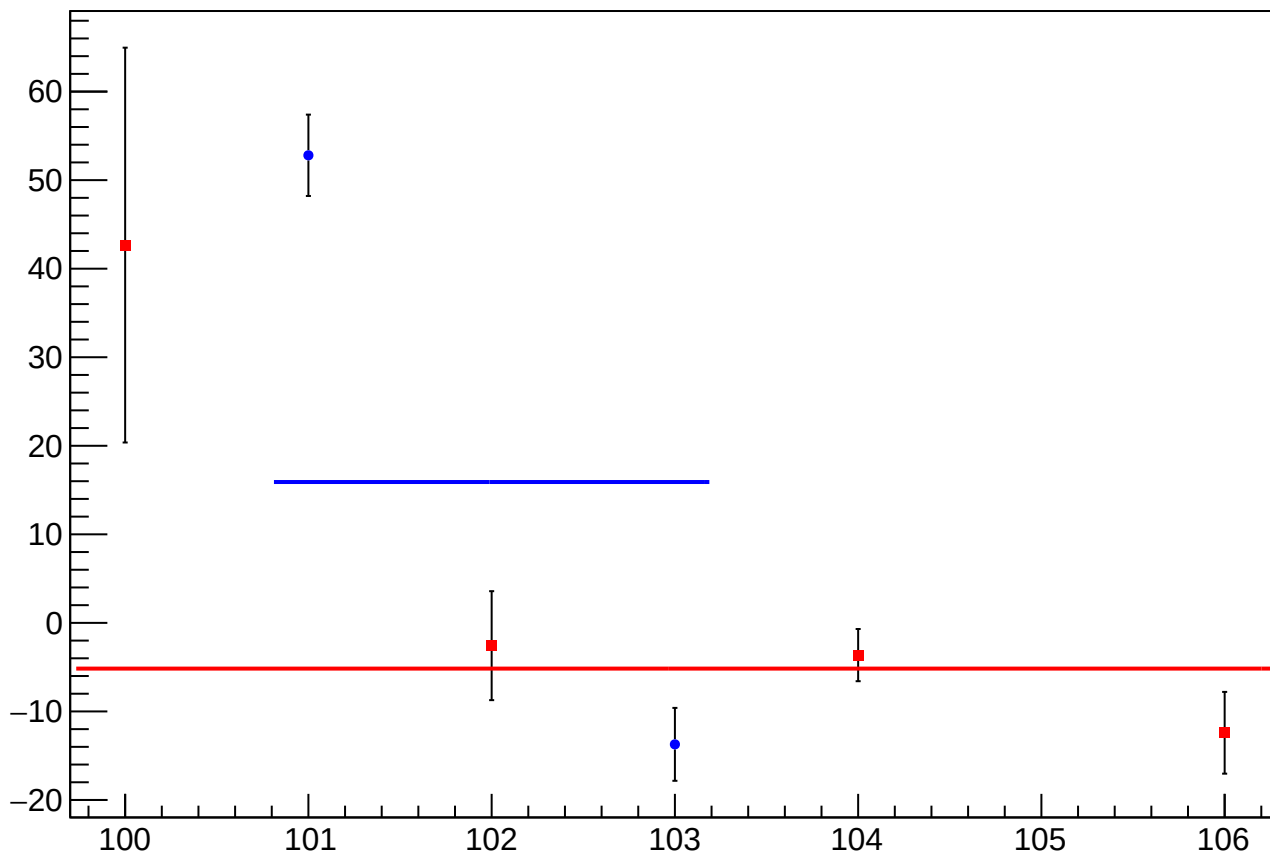
Right: 96.623+/-1.325 χ^2/NDF : 706.0/5

In: 105.206+/-2.027 χ^2/NDF : 488.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.623+/-1.325 χ^2/NDF : 706.0/5

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.908+/-3.066 χ^2/NDF : 116.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.163+/-2.291 χ^2/NDF : 7.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

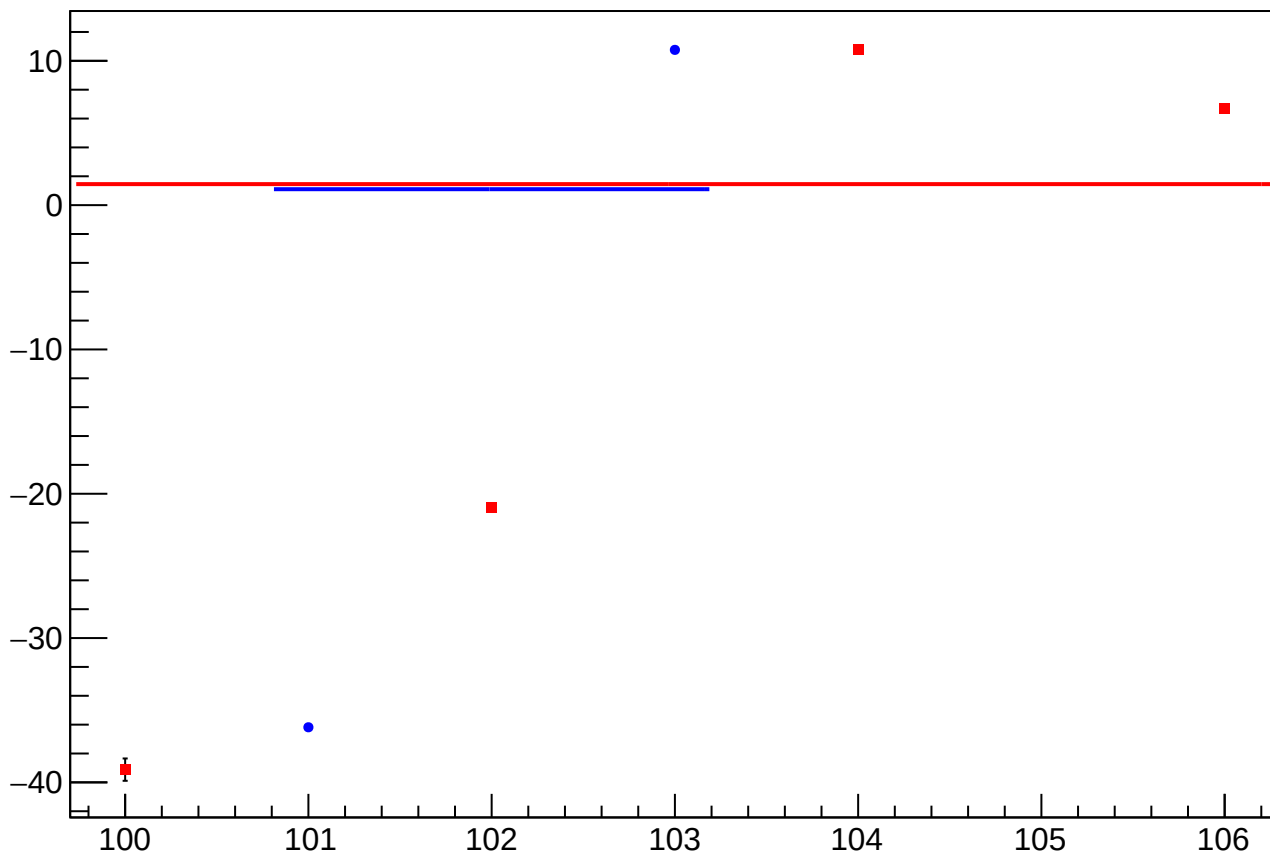
Right: 2.390+/-1.835 χ^2/NDF : 154.1/5

In: 15.908+/-3.066 χ^2/NDF : 116.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.390+/-1.835 χ^2/NDF : 154.1/5

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.105+/-0.093 χ^2/NDF : 41394.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.457+/-0.084 χ^2/NDF : 28275.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

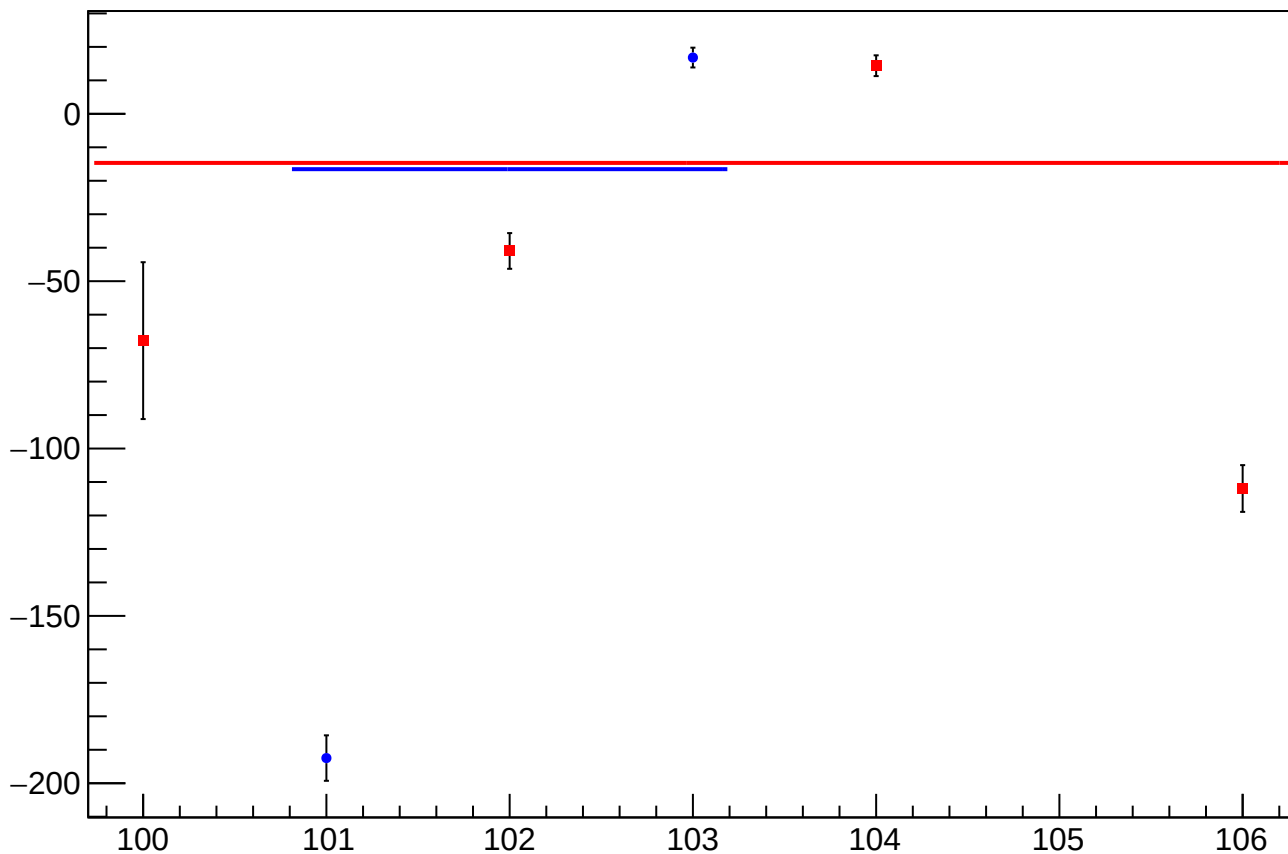
Right: 1.299+/-0.063 χ^2/NDF : 69677.8/5

In: 1.105+/-0.093 χ^2/NDF : 41394.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.299+/-0.063 χ^2/NDF : 69677.8/5

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.534+/-2.711 χ^2/NDF : 798.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.663+/-2.490 χ^2/NDF : 311.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

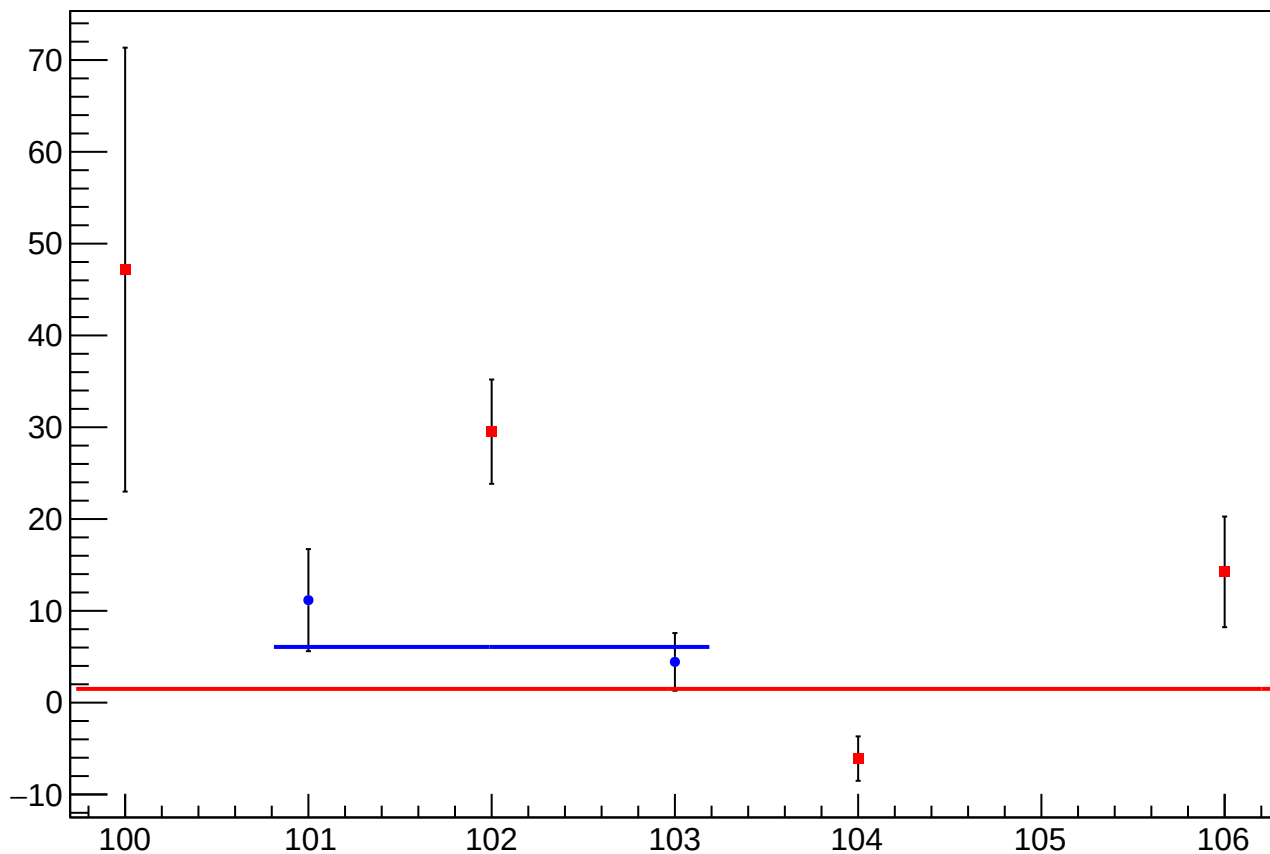
Right: -15.519+/-1.834 χ^2/NDF : 1109.5/5

In: -16.534+/-2.711 χ^2/NDF : 798.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.519+/-1.834 χ^2/NDF : 1109.5/5

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.067+/-2.735 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.499+/-2.080 χ^2/NDF : 42.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

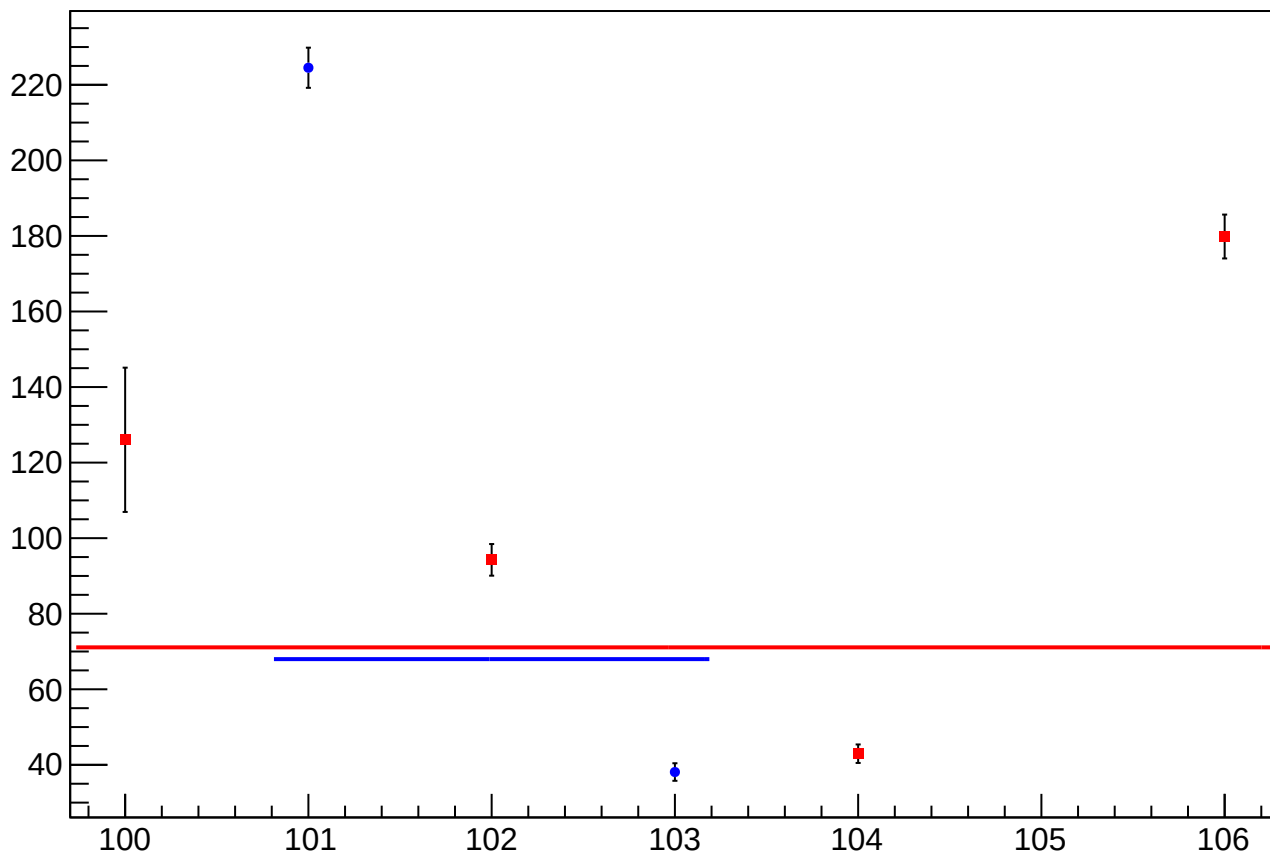
Right: 3.173+/-1.656 χ^2/NDF : 45.1/5

In: 6.067+/-2.735 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.173+/-1.656 χ^2/NDF : 45.1/5

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.984 $\pm$ 2.128 χ^2 /NDF: 1032.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.097 $\pm$ 1.975 χ^2 /NDF: 521.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

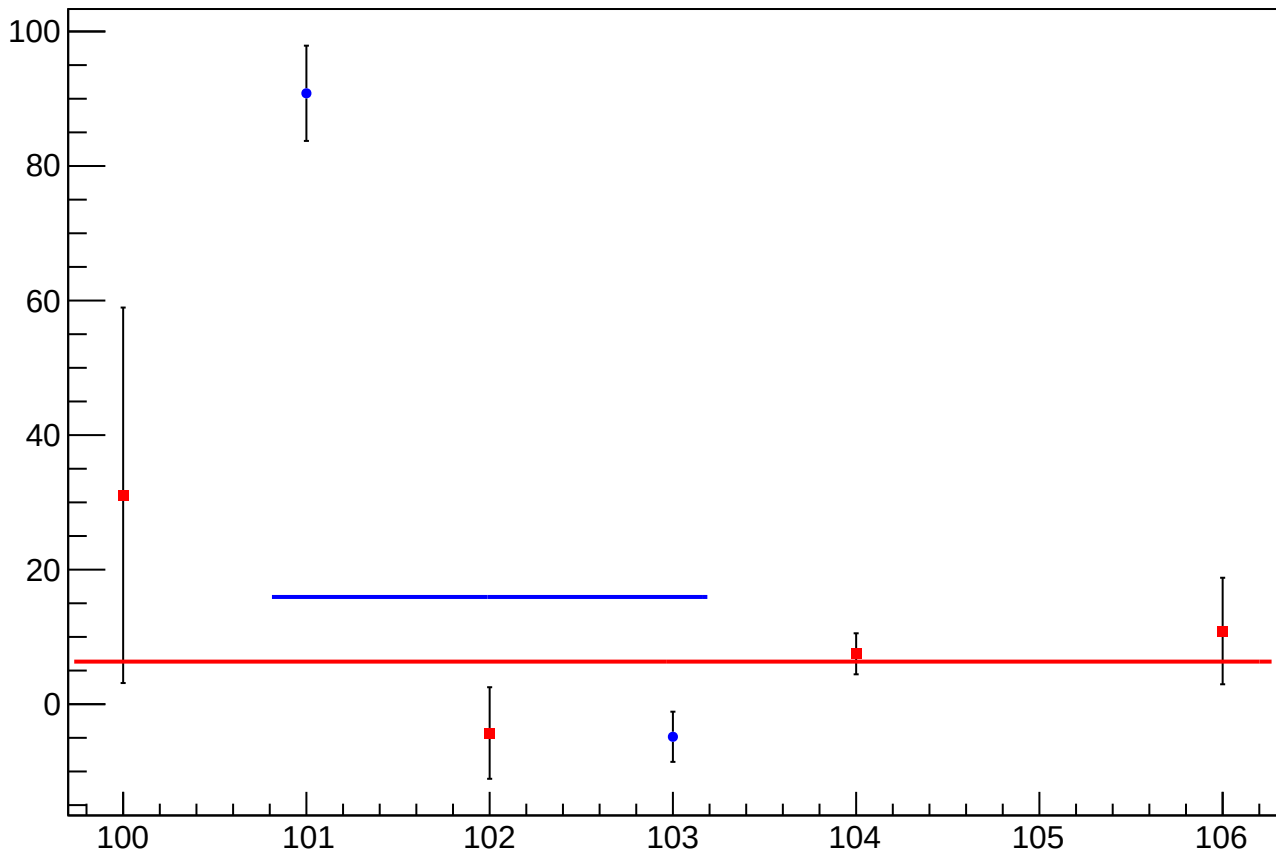
Right: 69.657 $\pm$ 1.448 χ^2 /NDF: 1555.7/5

In: 67.984 $\pm$ 2.128 χ^2 /NDF: 1032.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.657 $\pm$ 1.448 χ^2 /NDF: 1555.7/5

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.940 $\pm$ 3.300 χ^2 /NDF: 142.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.330 $\pm$ 2.614 χ^2 /NDF: 3.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

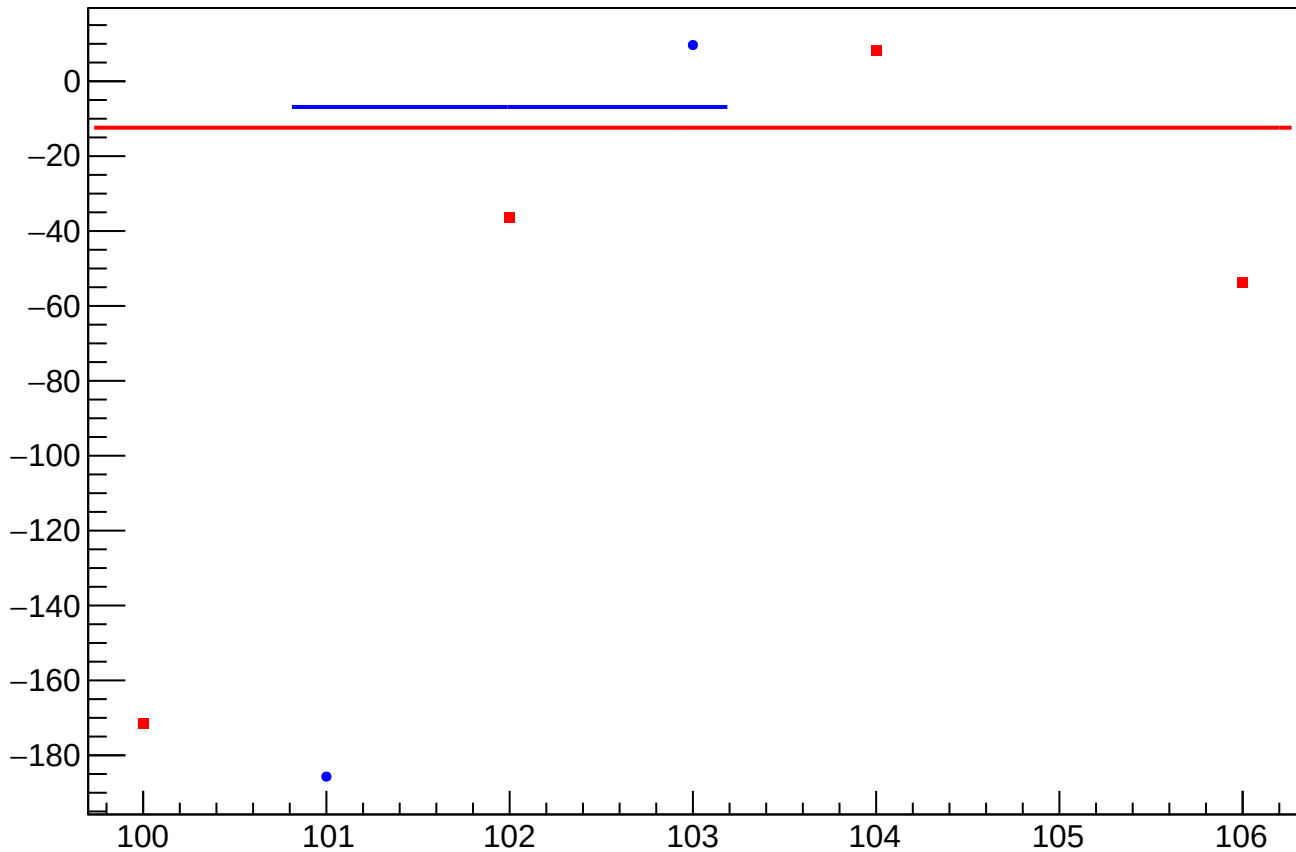
Right: 10.035 $\pm$ 2.049 χ^2 /NDF: 151.8/5

In: 15.940 $\pm$ 3.300 χ^2 /NDF: 142.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.035 $\pm$ 2.049 χ^2 /NDF: 151.8/5

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.870+/-0.092 χ^2/NDF : 347656.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.401+/-0.091 χ^2/NDF : 102214.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

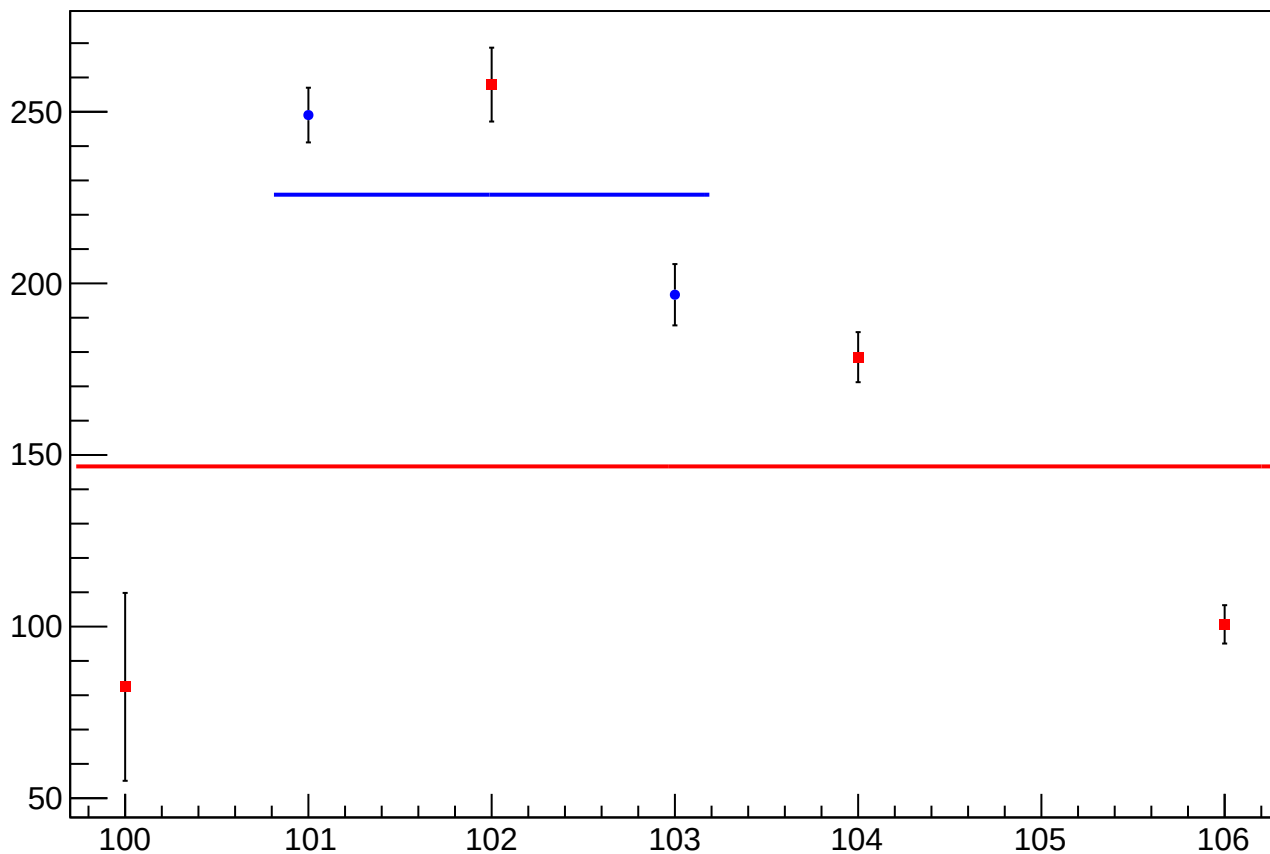
Right: -9.681+/-0.065 χ^2/NDF : 451698.0/5

In: -6.870+/-0.092 χ^2/NDF : 347656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.681+/-0.065 χ^2/NDF : 451698.0/5

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 225.845 $\pm$ 5.947 χ^2 /NDF: 19.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.674 $\pm$ 4.057 χ^2 /NDF: 199.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

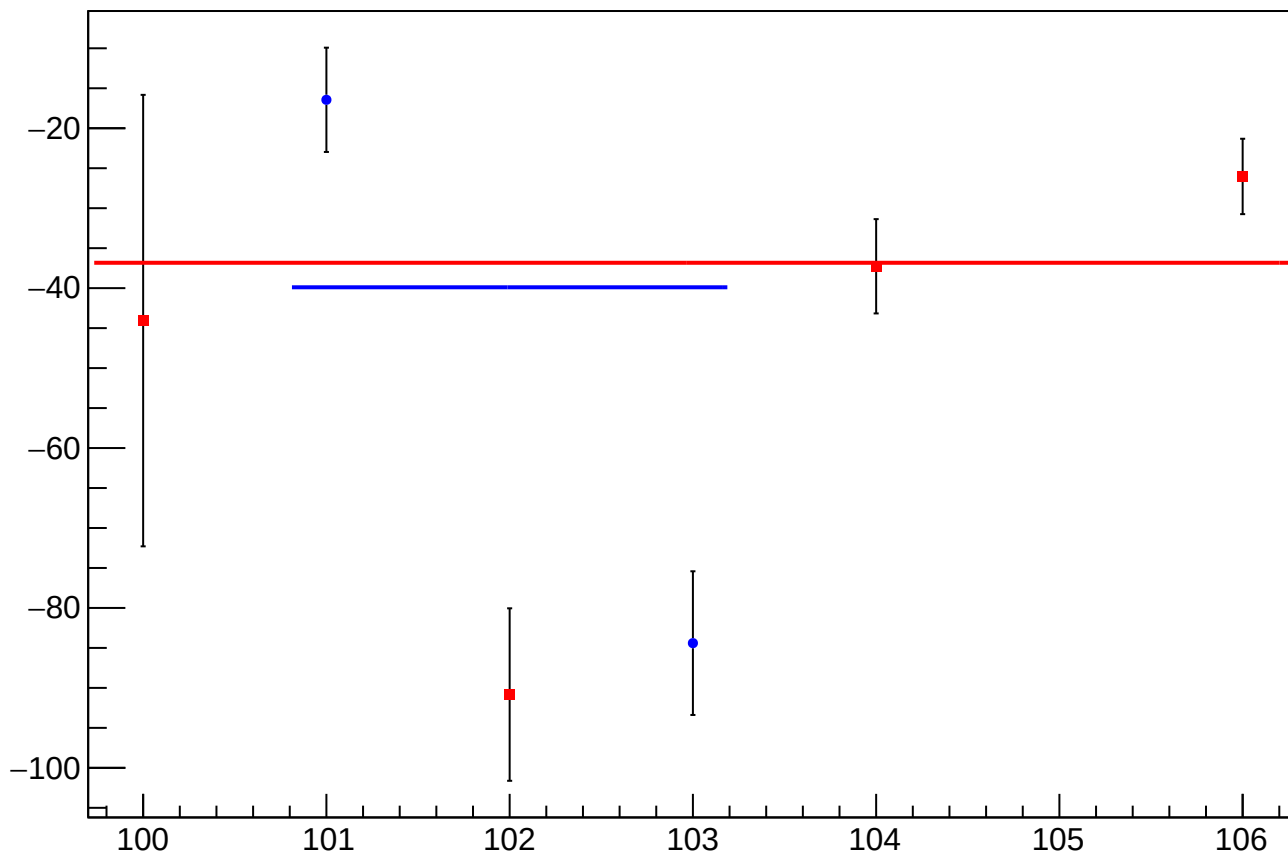
Right: 171.816 $\pm$ 3.351 χ^2 /NDF: 339.3/5

In: 225.845 $\pm$ 5.947 χ^2 /NDF:19.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.816 $\pm$ 3.351 χ^2 /NDF: 339.3/5

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.893 ± 5.278 χ^2/NDF : 37.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.827 ± 3.459 χ^2/NDF : 30.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

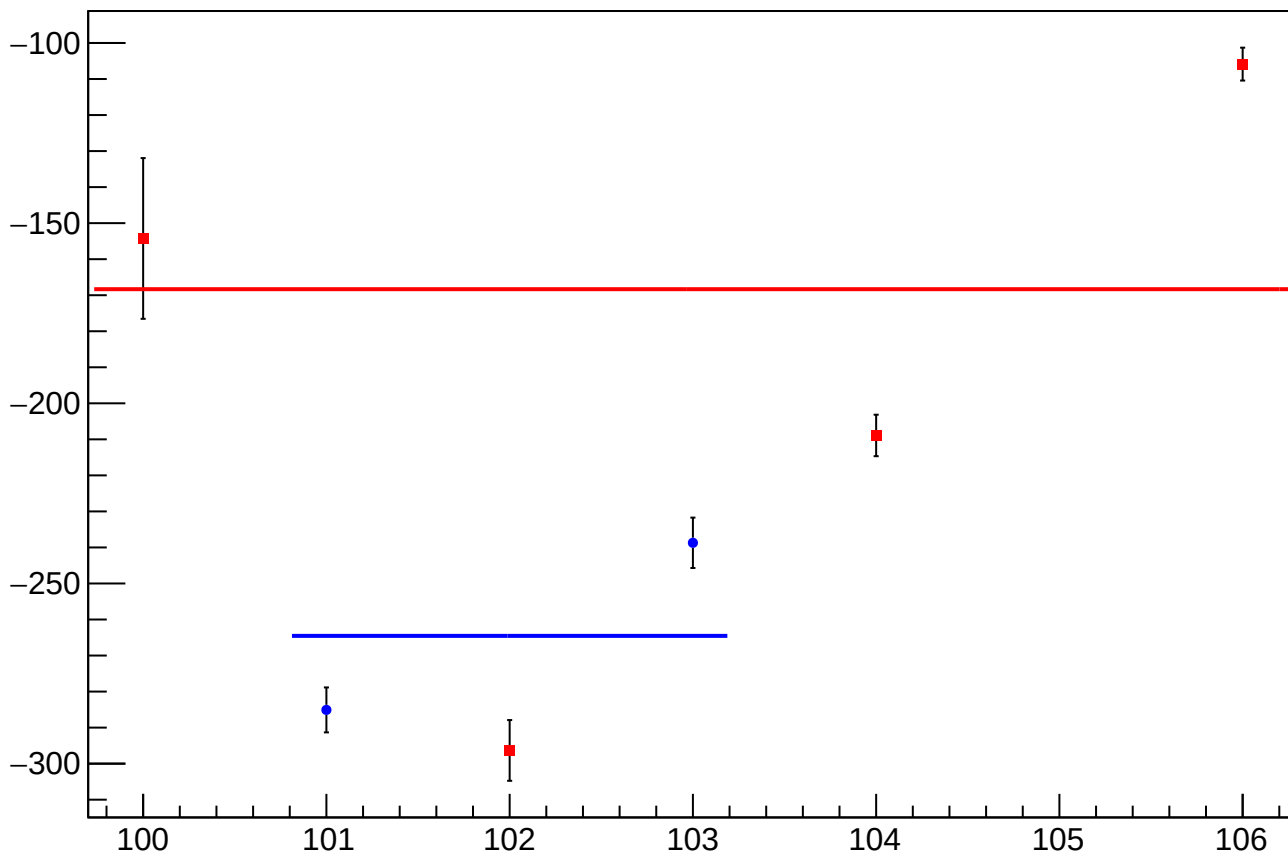
Right: -37.748 ± 2.893 χ^2/NDF : 68.1/5

In: -39.893 ± 5.278 χ^2/NDF : 37.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.748 ± 2.893 χ^2/NDF : 68.1/5

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -264.540+/-4.655 χ^2/NDF : 24.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.327+/-3.257 χ^2/NDF : 468.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

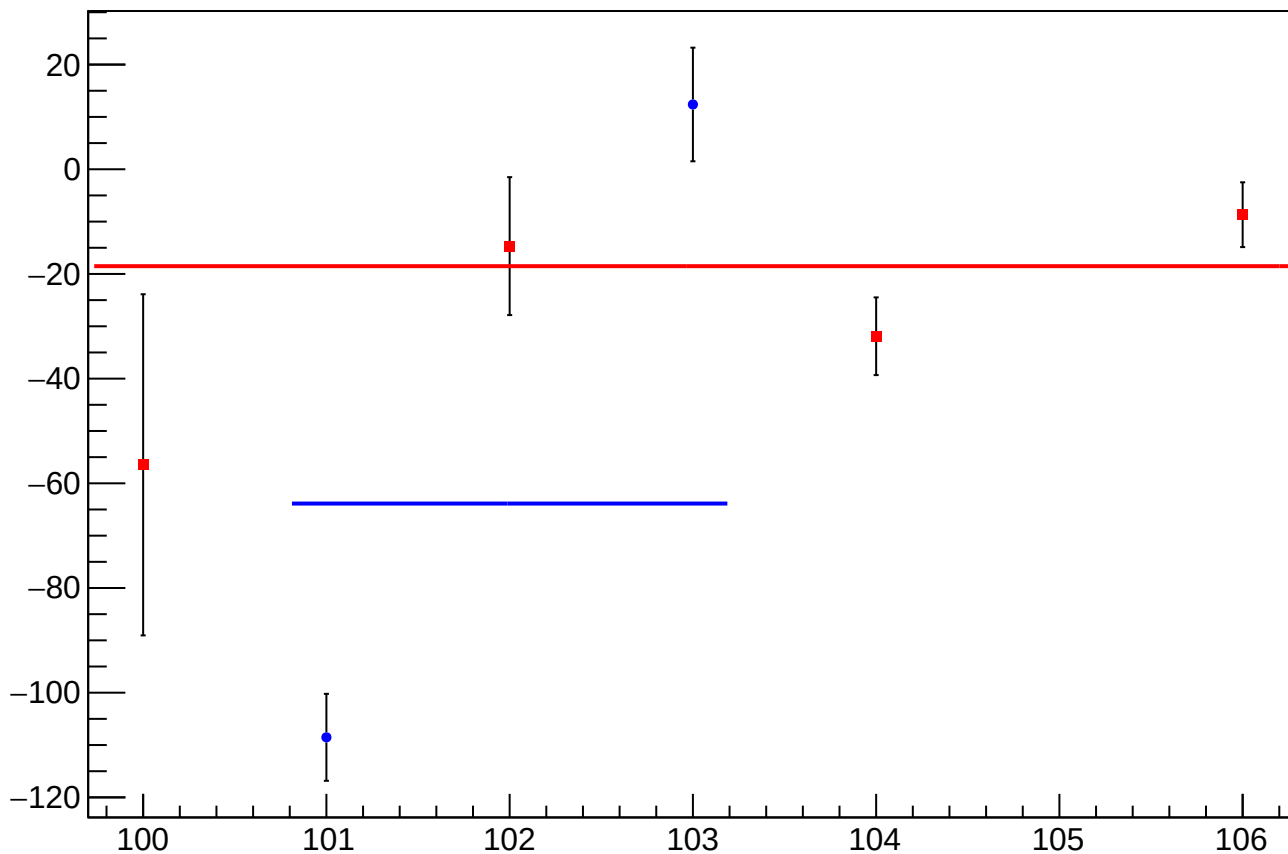
Right: -199.950+/-2.669 χ^2/NDF : 779.4/5

In: -264.540+/-4.655 χ^2/NDF : 24.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.950+/-2.669 χ^2/NDF : 779.4/5

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -63.865+/-6.596 χ^2/NDF : 78.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.514+/-4.431 χ^2/NDF : 7.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

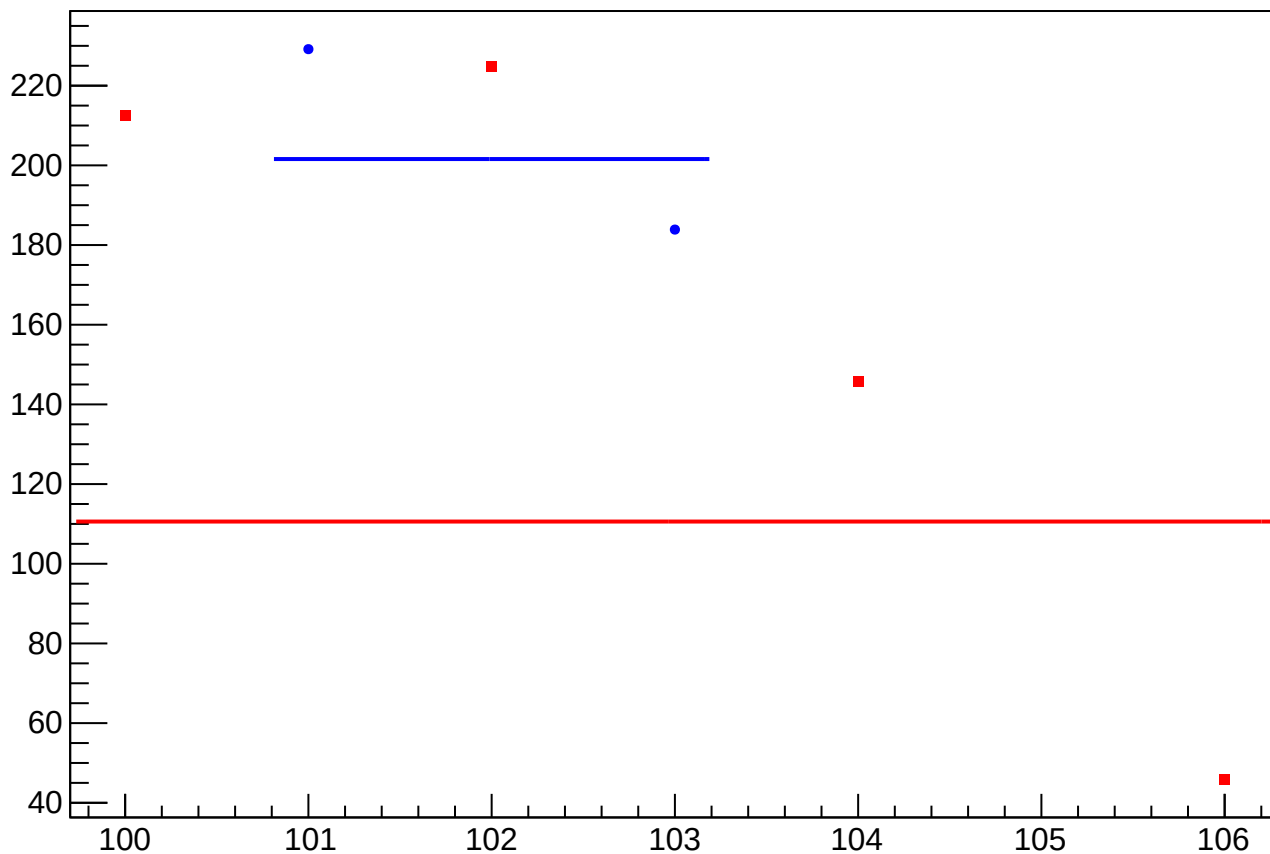
Right: -32.613+/-3.678 χ^2/NDF : 118.0/5

In: -63.865+/-6.596 χ^2/NDF : 78.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.613+/-3.678 χ^2/NDF : 118.0/5

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 201.585 $\pm$ 0.233 χ^2 /NDF: 9021.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.596 $\pm$ 0.155 χ^2 /NDF: 205582.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

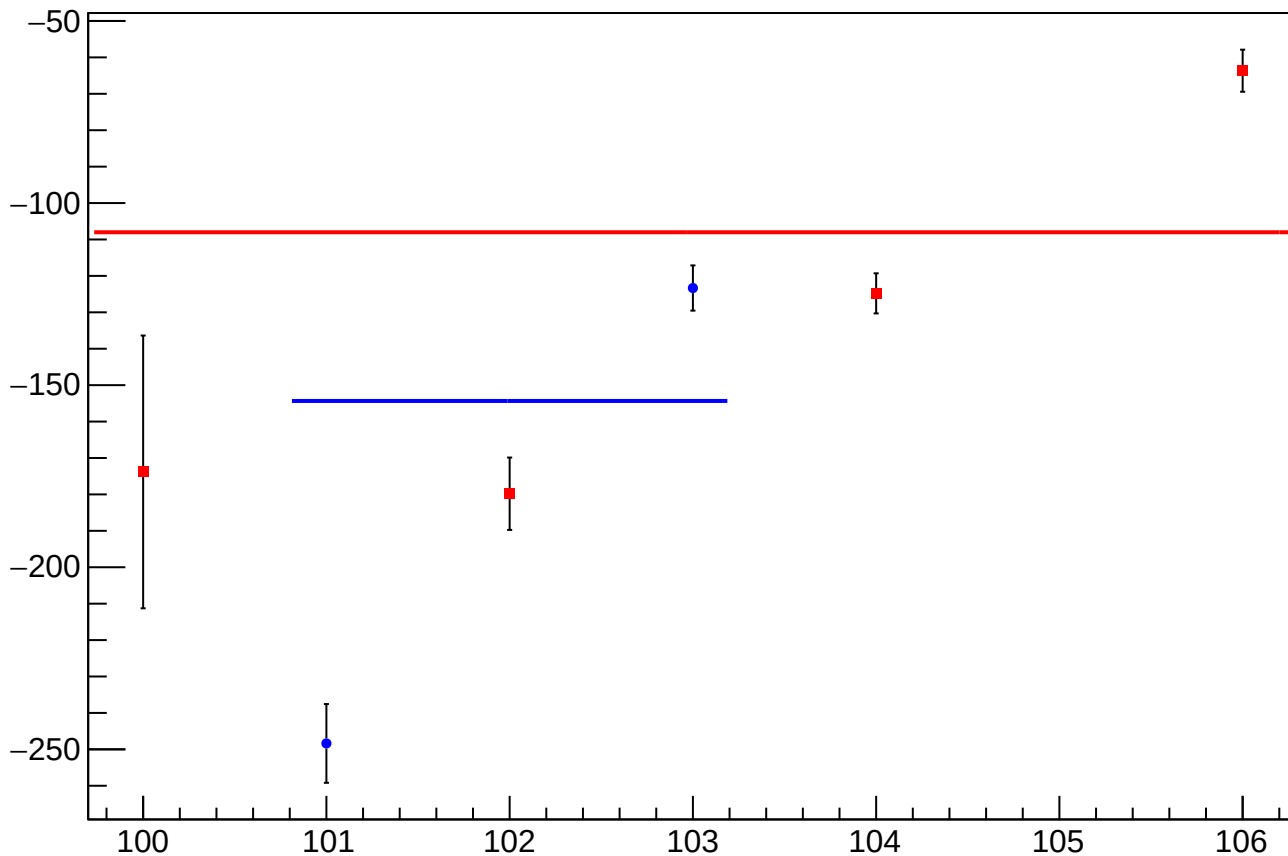
Right: 138.647 $\pm$ 0.129 χ^2 /NDF: 320393.0/5

In: 201.585 $\pm$ 0.233 χ^2 /NDF:9021.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.647 $\pm$ 0.129 χ^2 /NDF: 320393.0/5

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -154.341+/-5.384 χ^2/NDF : 100.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.014+/-3.682 χ^2/NDF : 123.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

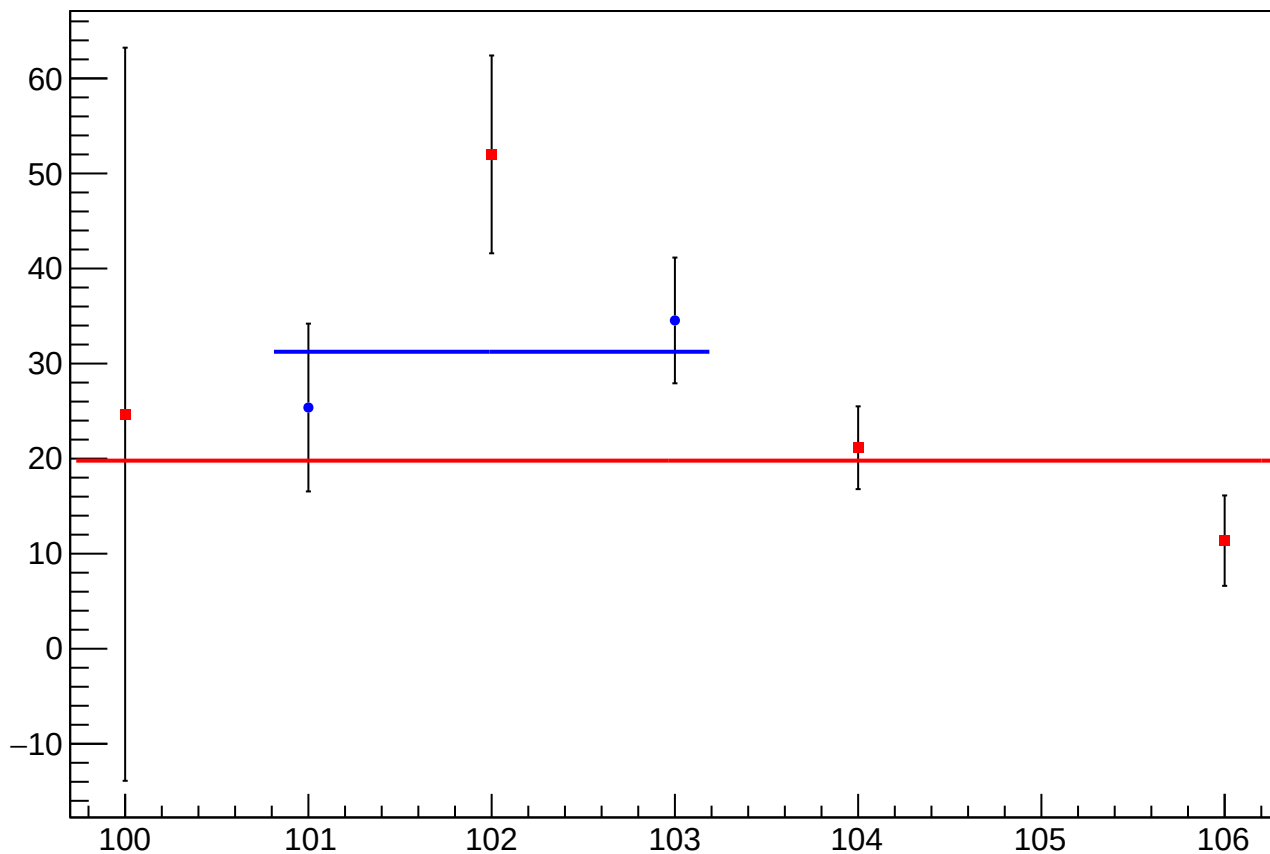
Right: -122.778+/-3.039 χ^2/NDF : 274.6/5

In: -154.341+/-5.384 χ^2/NDF : 100.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -122.778+/-3.039 χ^2/NDF : 274.6/5

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.243+/-5.293 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.789+/-3.059 χ^2/NDF : 12.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

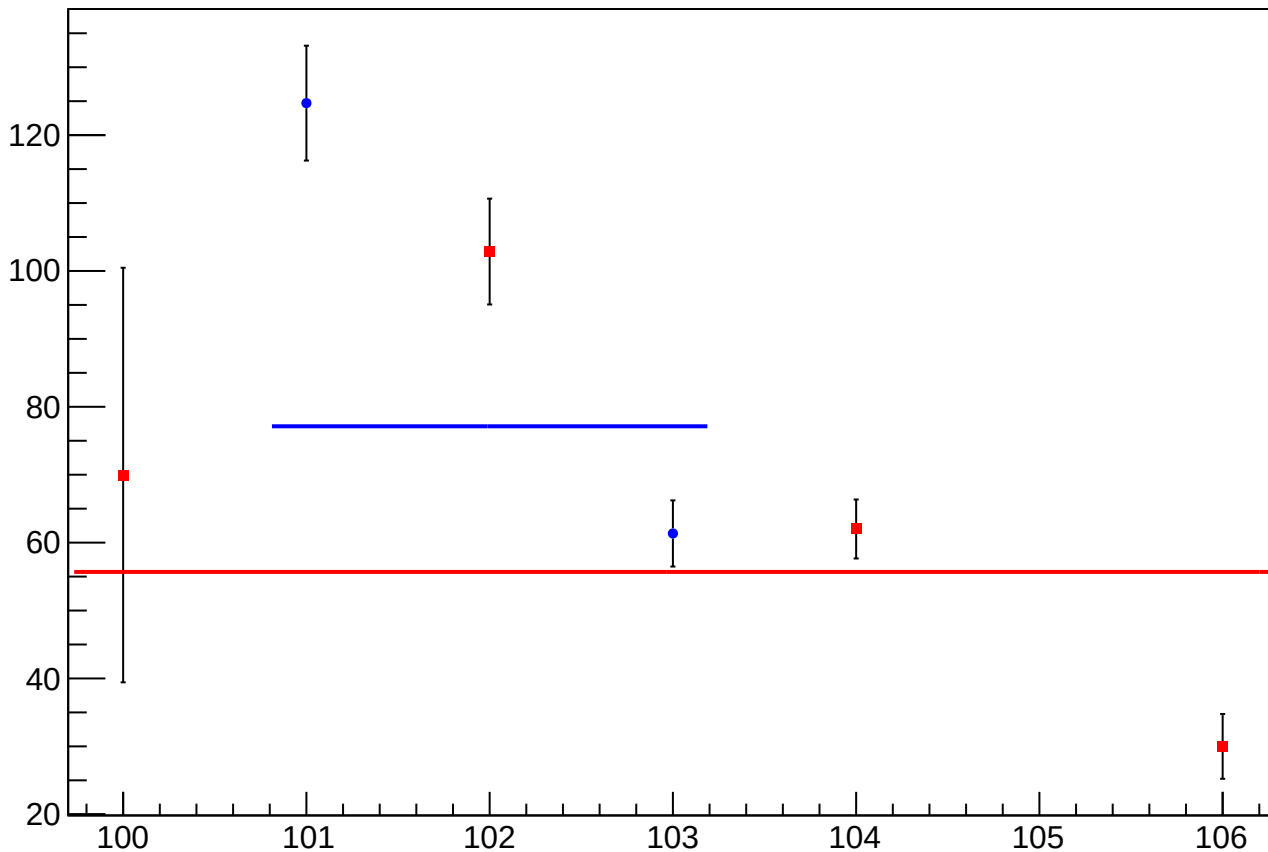
Right: 22.656+/-2.648 χ^2/NDF : 17.0/5

In: 31.243+/-5.293 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.656+/-2.648 χ^2/NDF : 17.0/5

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.130+/-4.221 χ^2/NDF : 42.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.686+/-2.956 χ^2/NDF : 68.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

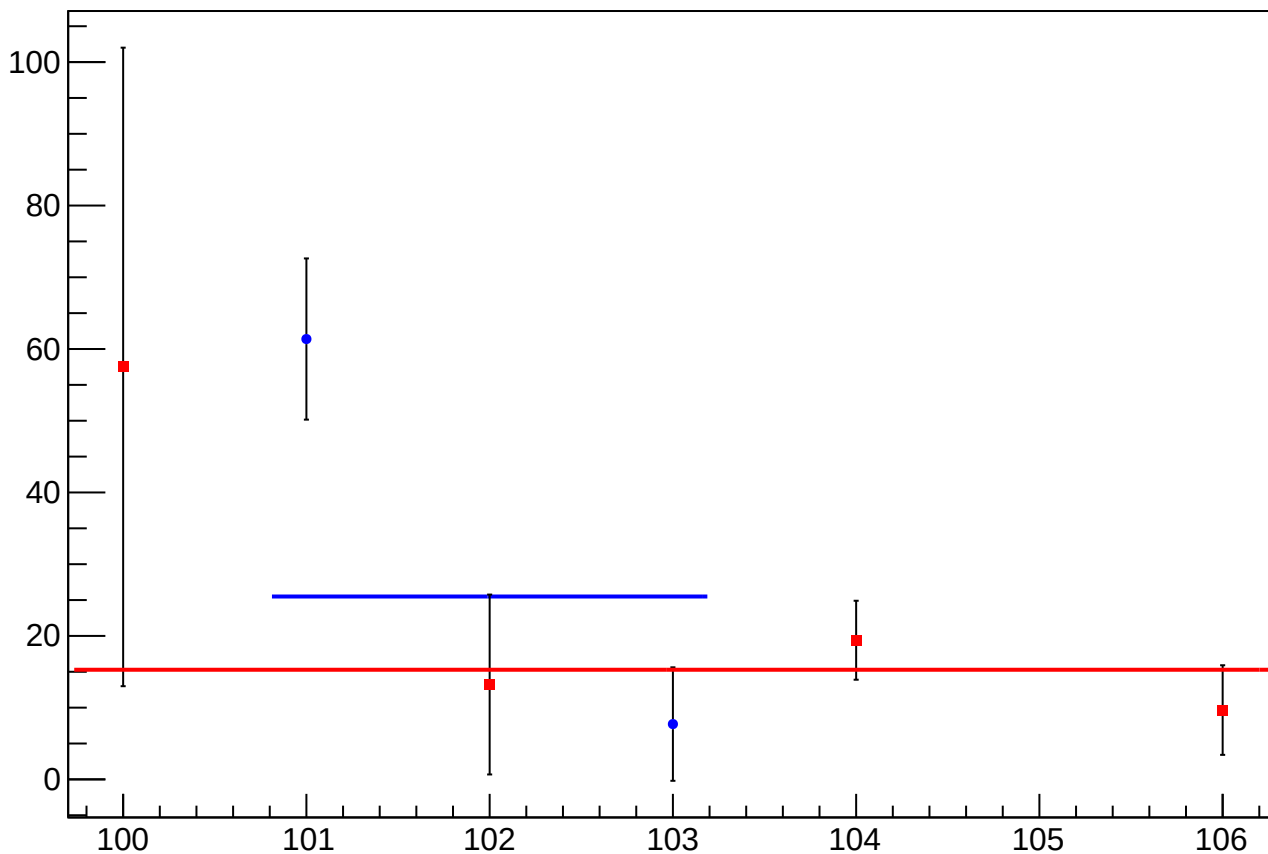
Right: 62.742+/-2.421 χ^2/NDF : 127.4/5

In: 77.130+/-4.221 χ^2/NDF : 42.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.742+/-2.421 χ^2/NDF : 127.4/5

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 25.495+/-6.468 χ^2/NDF : 15.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.283+/-3.907 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

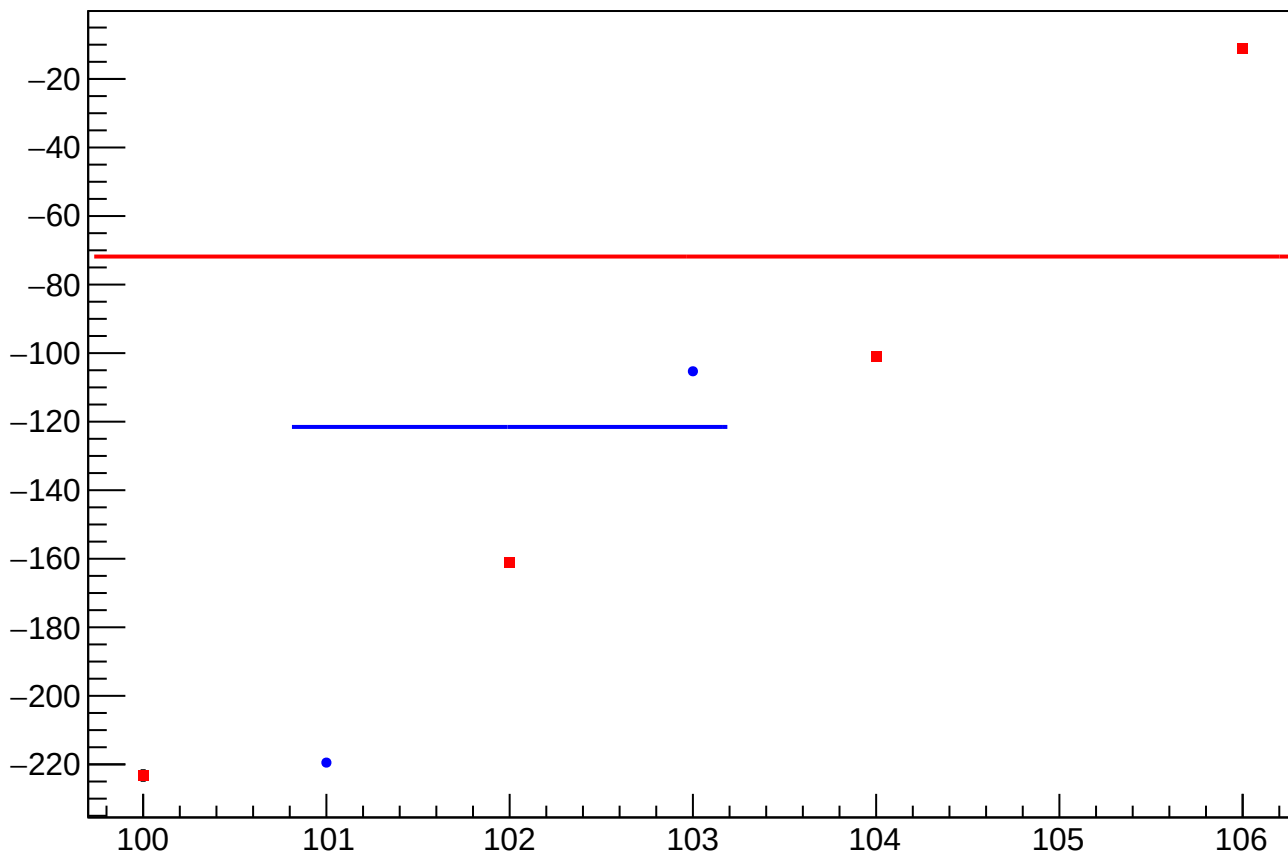
Right: 18.014+/-3.344 χ^2/NDF : 19.4/5

In: 25.495+/-6.468 χ^2/NDF : 15.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.014+/-3.344 χ^2/NDF : 19.4/5

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -121.536+/-0.190 χ^2/NDF : 44288.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.819+/-0.132 χ^2/NDF : 192475.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

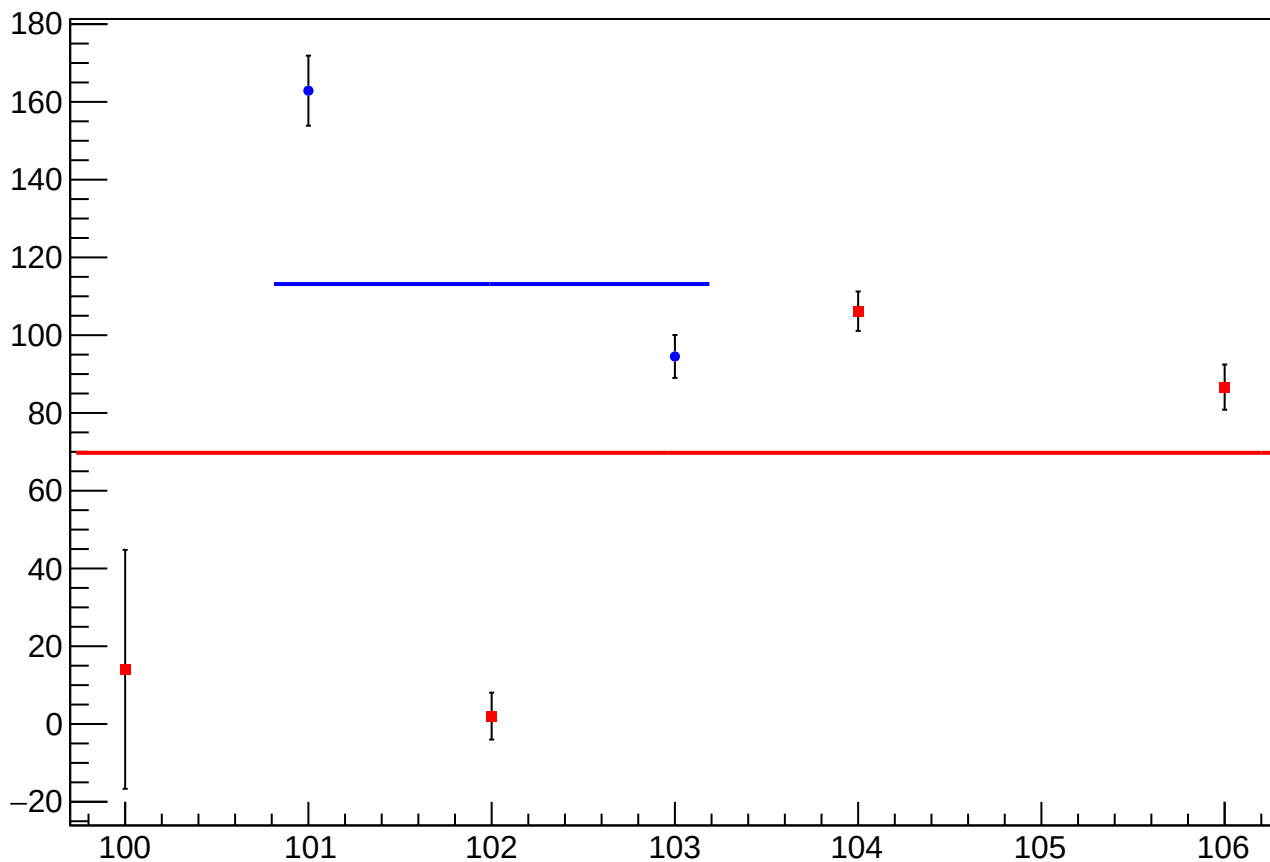
Right: -88.111+/-0.108 χ^2/NDF : 283037.3/5

In: -121.536+/-0.190 χ^2/NDF : 44288.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.111+/-0.108 χ^2/NDF : 283037.3/5

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 113.153 $\pm$ 4.701 χ^2 /NDF: 41.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.747 $\pm$ 3.209 χ^2 /NDF: 189.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

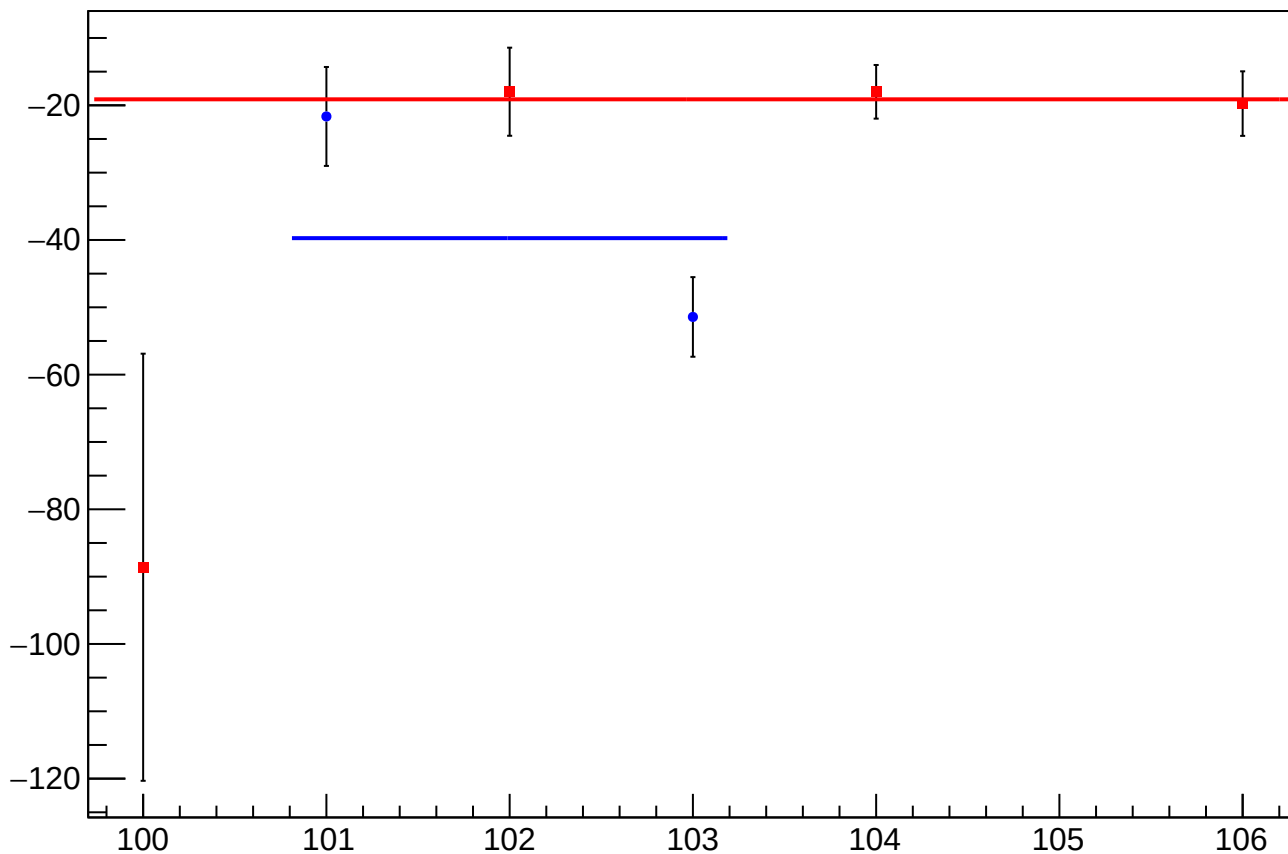
Right: 83.542 $\pm$ 2.650 χ^2 /NDF: 289.5/5

In: 113.153 $\pm$ 4.701 χ^2 /NDF:41.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 83.542 $\pm$ 2.650 χ^2 /NDF: 289.5/5

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.729+/-4.606 χ^2/NDF : 10.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.111+/-2.764 χ^2/NDF : 4.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

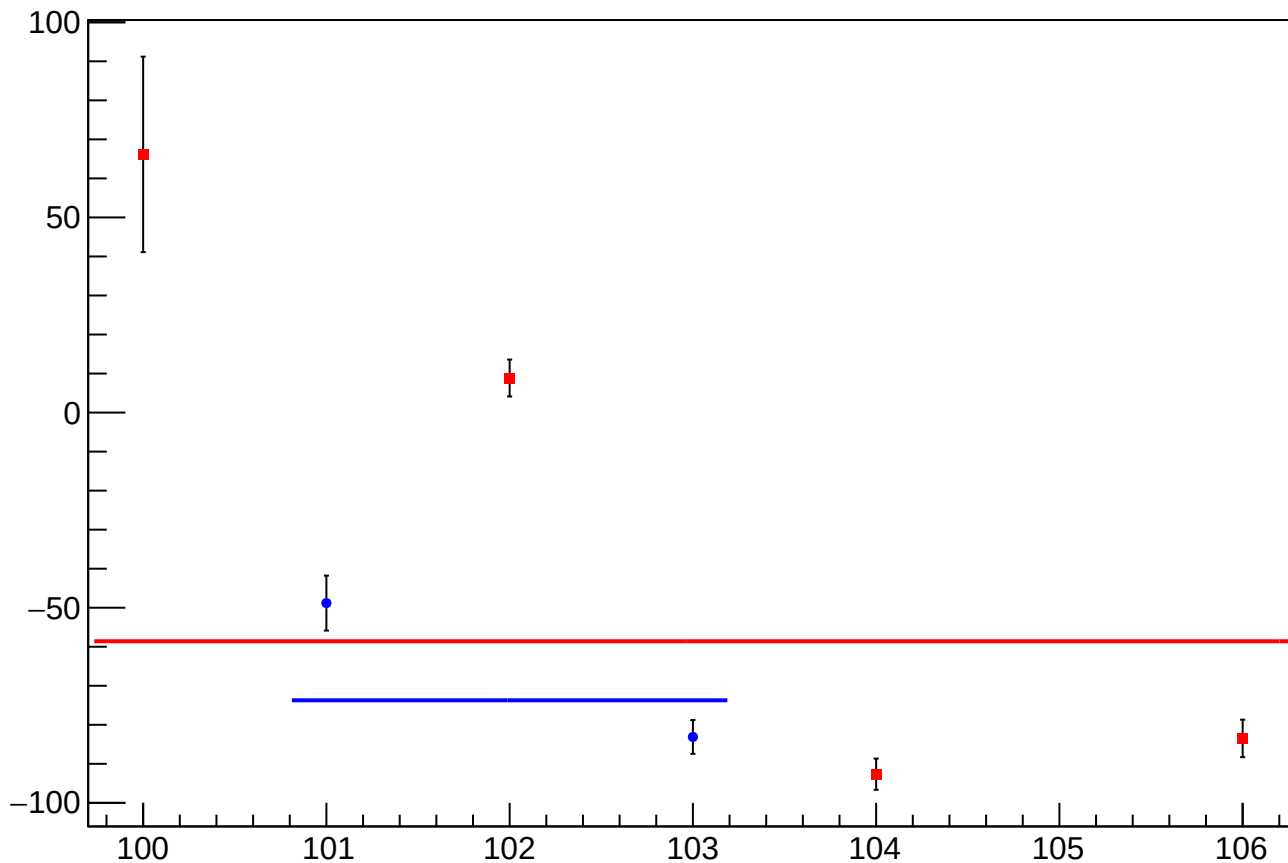
Right: -24.570+/-2.370 χ^2/NDF : 29.6/5

In: -39.729+/-4.606 χ^2/NDF : 10.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.570+/-2.370 χ^2/NDF : 29.6/5

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.723+/-3.686 χ^2/NDF : 17.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.592+/-2.563 χ^2/NDF : 327.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

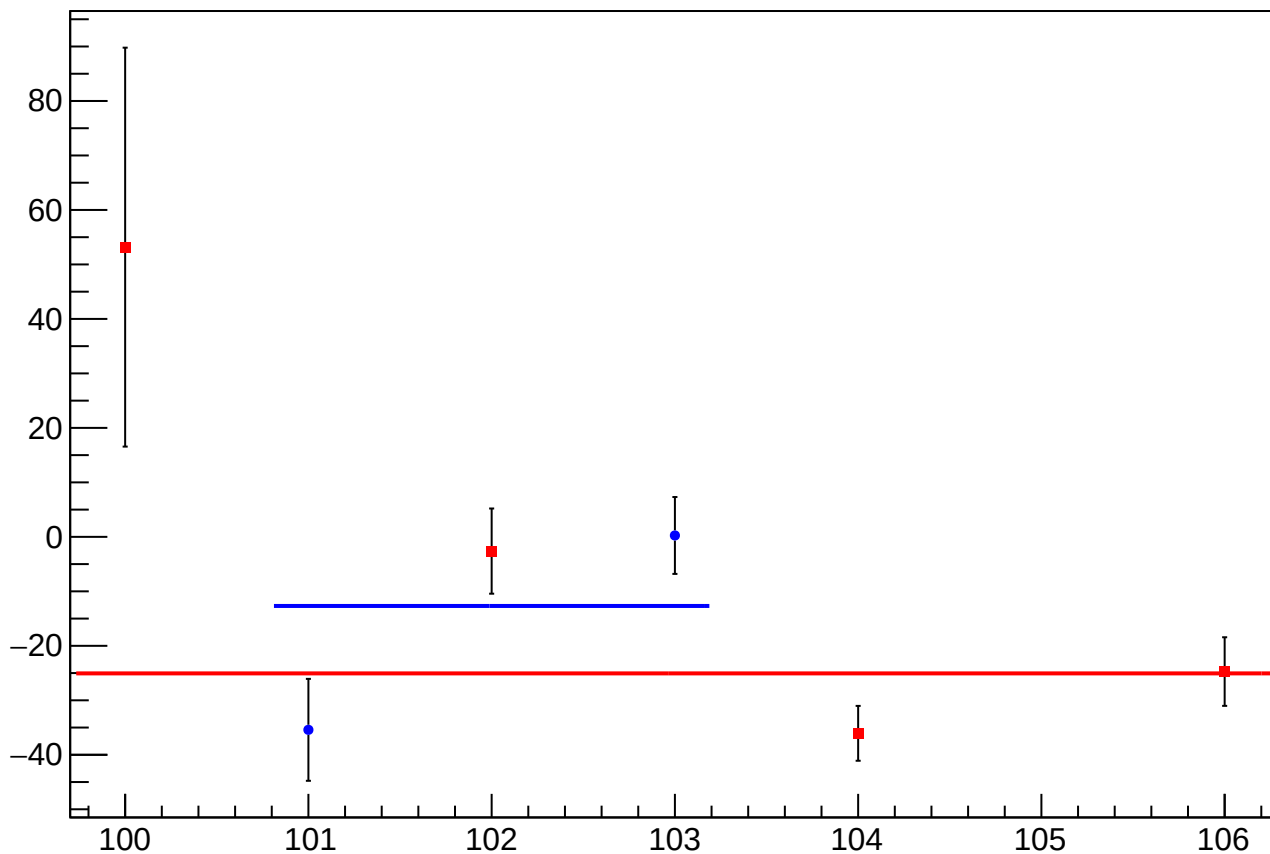
Right: -63.521+/-2.104 χ^2/NDF : 356.3/5

In: -73.723+/-3.686 χ^2/NDF : 17.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.521+/-2.104 χ^2/NDF : 356.3/5

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -12.683+/-5.633 χ^2/NDF : 9.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.059+/-3.497 χ^2/NDF : 17.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

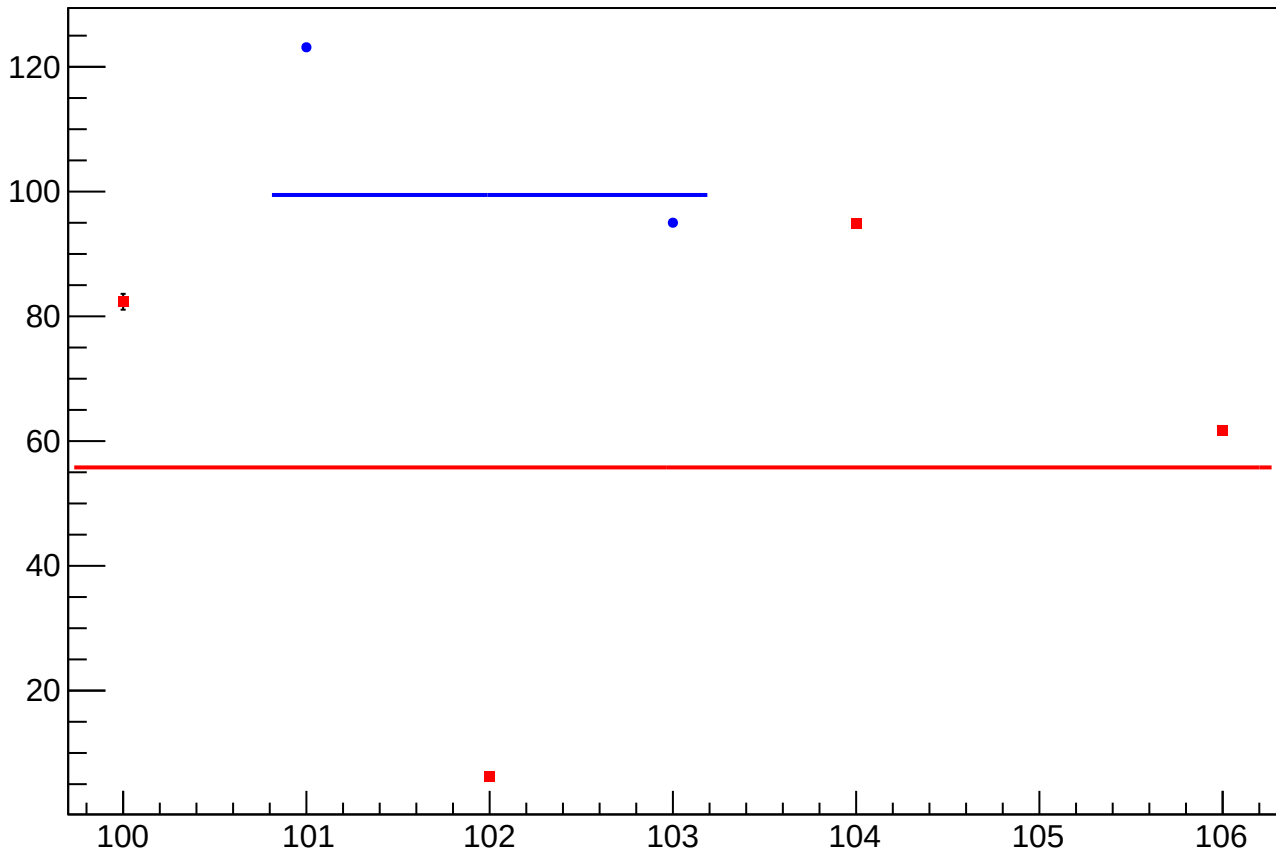
Right: -21.617+/-2.971 χ^2/NDF : 30.3/5

In: -12.683+/-5.633 χ^2/NDF : 9.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.617+/-2.971 χ^2/NDF : 30.3/5

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.458 ± 0.166 $\chi^2/\text{NDF}: 3814.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 55.780 ± 0.114 $\chi^2/\text{NDF}: 102401.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

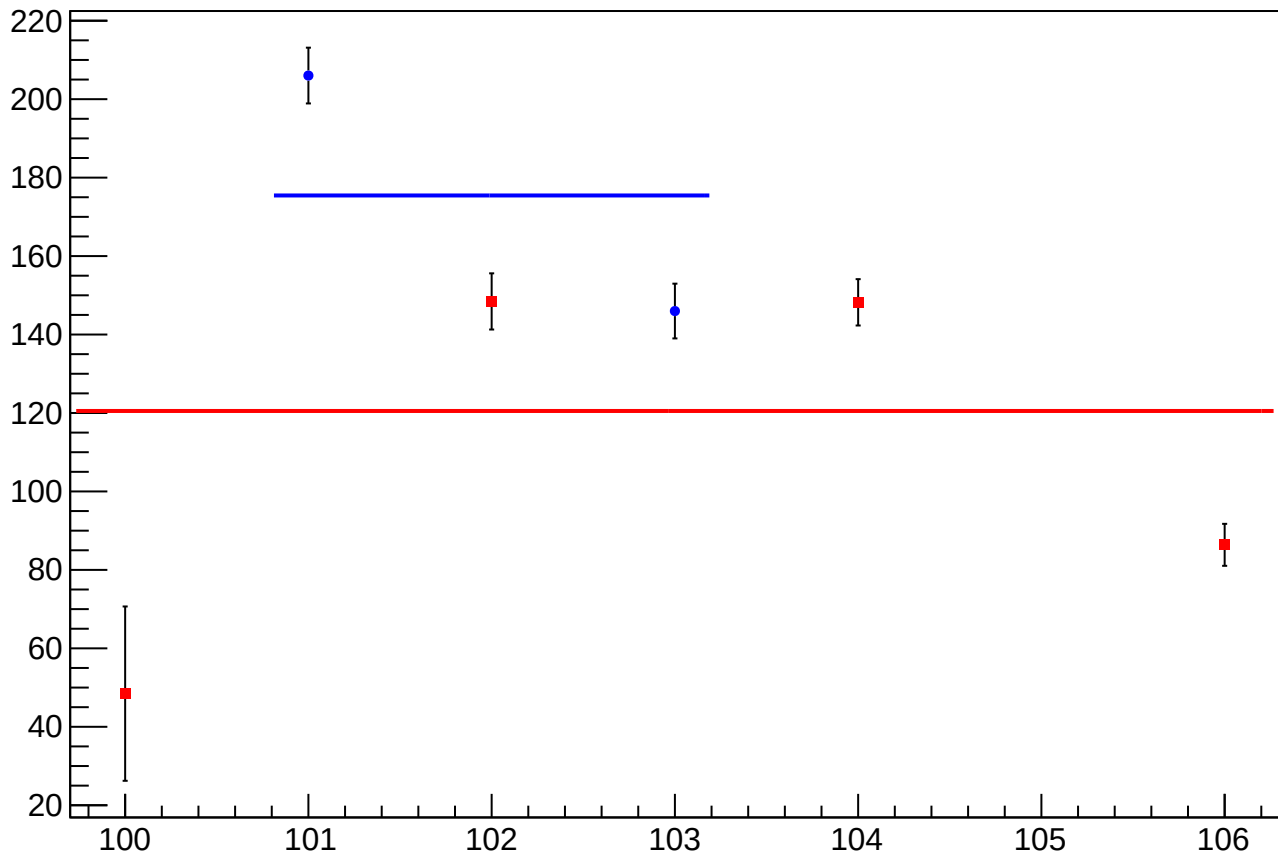
Right: 69.771 ± 0.094 $\chi^2/\text{NDF}: 153192.6/5$

In: 99.458 ± 0.166 $\chi^2/\text{NDF}: 3814.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 69.771 ± 0.094 $\chi^2/\text{NDF}: 153192.6/5$

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.514 $\pm$ 3.428 χ^2 /NDF: 88.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

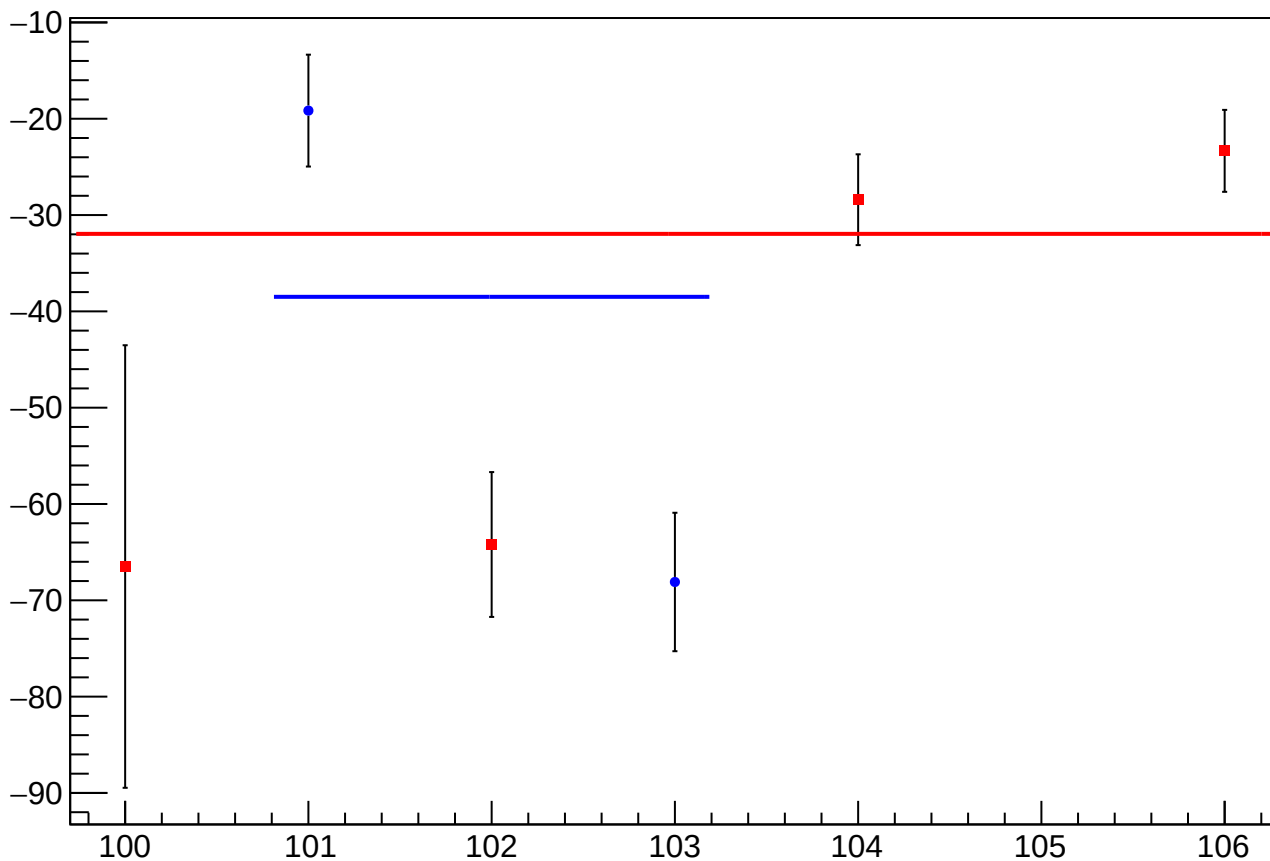
Right: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.953 $\pm$ 2.889 χ^2 /NDF: 25.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

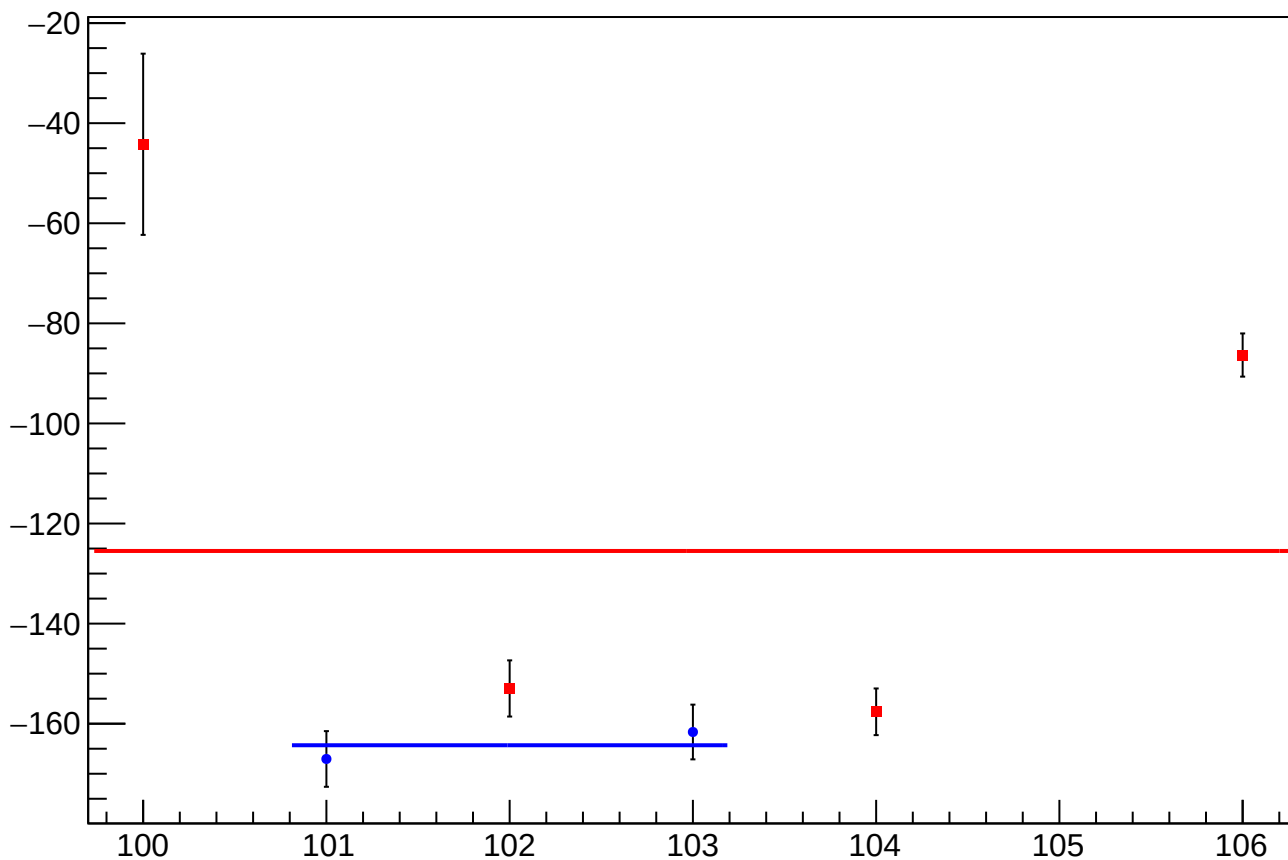
Right: -33.851 $\pm$ 2.434 χ^2 /NDF: 54.9/5

In: -38.490 $\pm$ 4.517 χ^2 /NDF:28.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.851 $\pm$ 2.434 χ^2 /NDF: 54.9/5

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -125.484+/-2.726 χ^2/NDF : 174.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

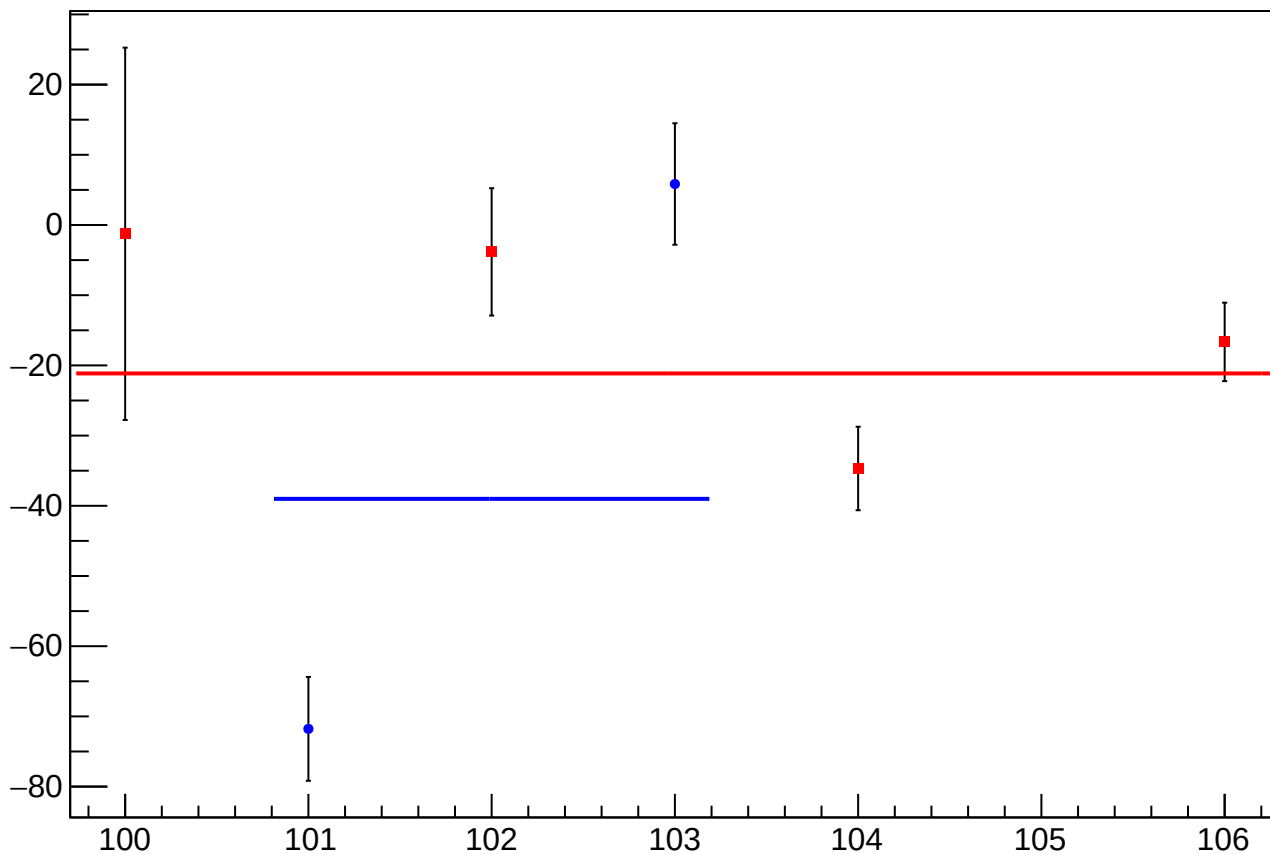
Right: -138.230+/-2.234 χ^2/NDF : 241.0/5

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.230+/-2.234 χ^2/NDF : 241.0/5

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.143 $\pm$ 3.678 χ^2 /NDF: 10.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

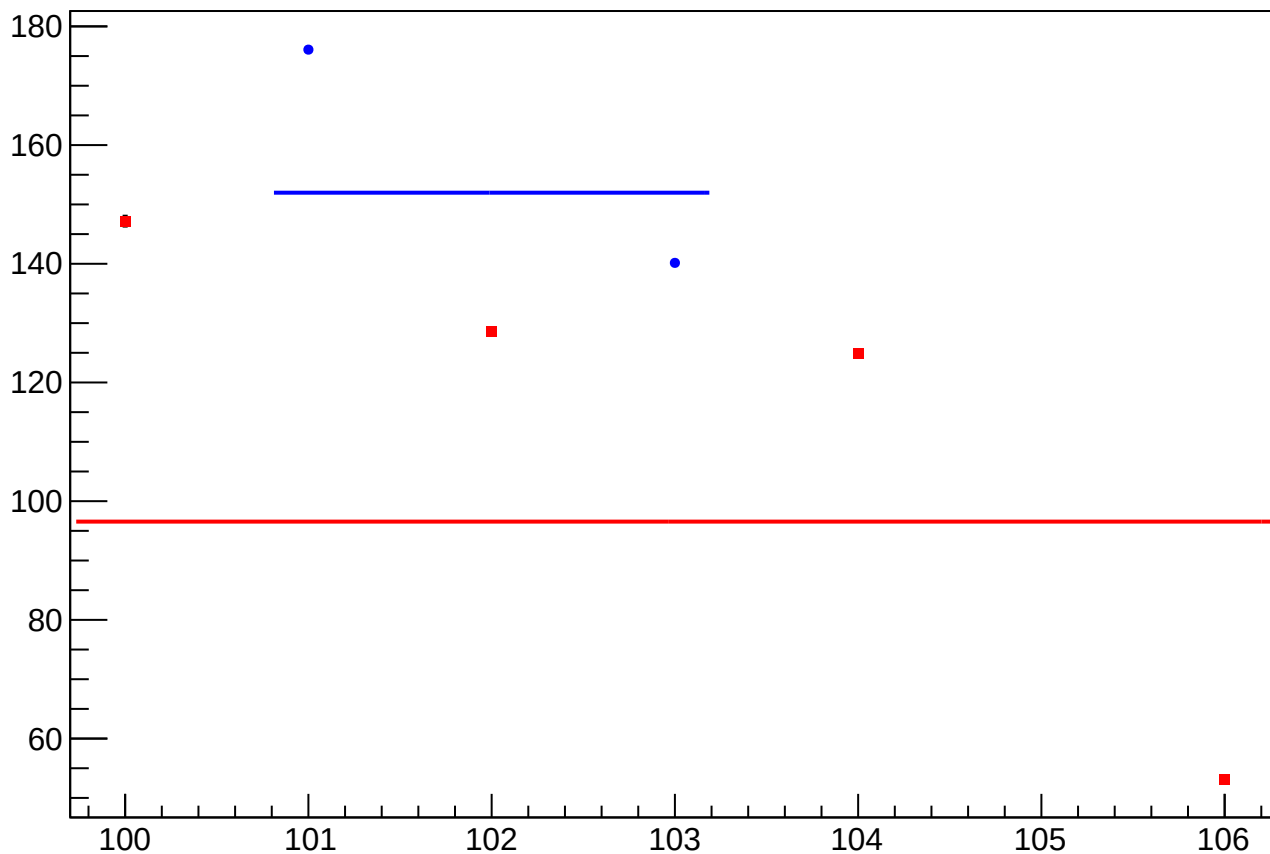
Right: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979 $\pm$ 0.190 χ^2 /NDF: 7902.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.557 $\pm$ 0.125 χ^2 /NDF: 86261.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

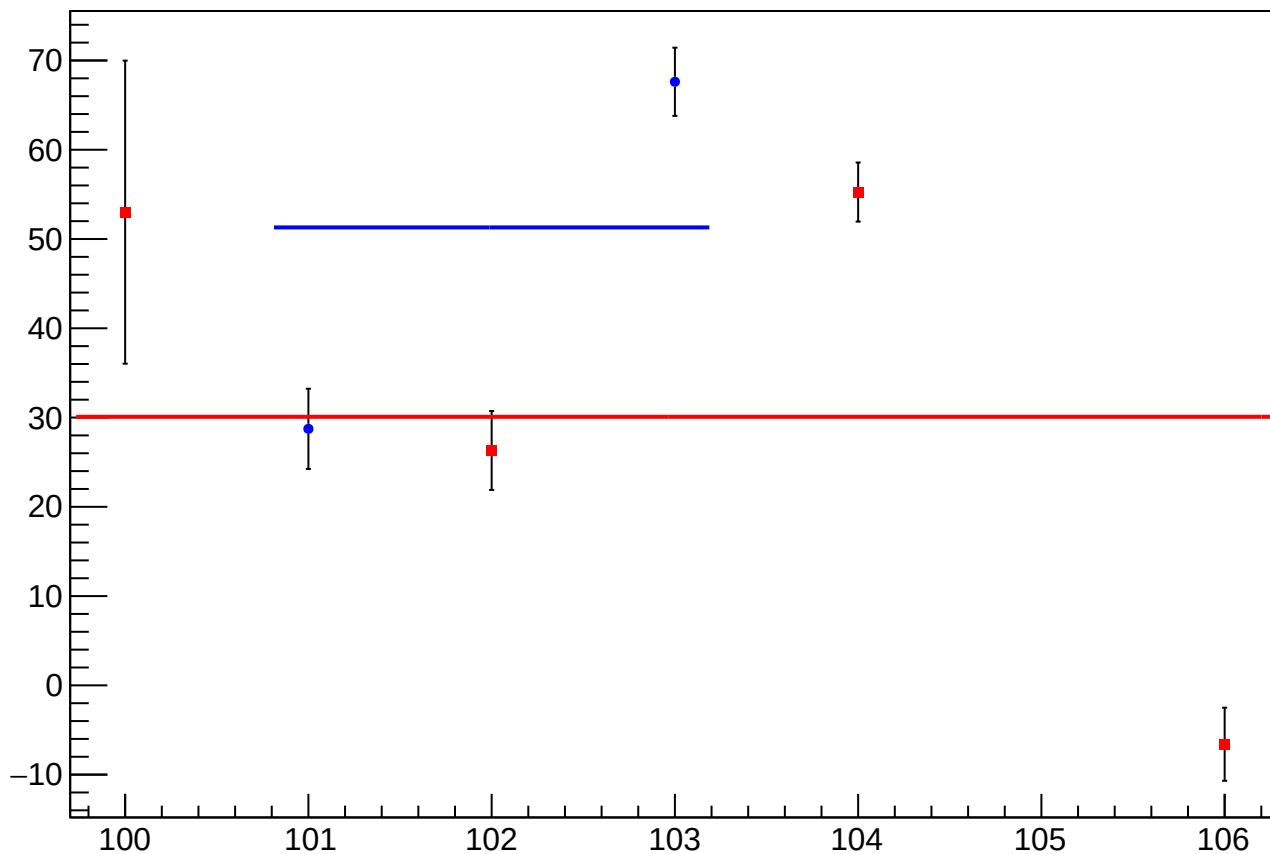
Right: 113.310 $\pm$ 0.104 χ^2 /NDF: 153583.6/5

In: 151.979 $\pm$ 0.190 χ^2 /NDF:7902.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.310 $\pm$ 0.104 χ^2 /NDF: 153583.6/5

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298 $\pm$ 2.910 χ^2 /NDF: 43.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.082 $\pm$ 2.205 χ^2 /NDF: 140.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

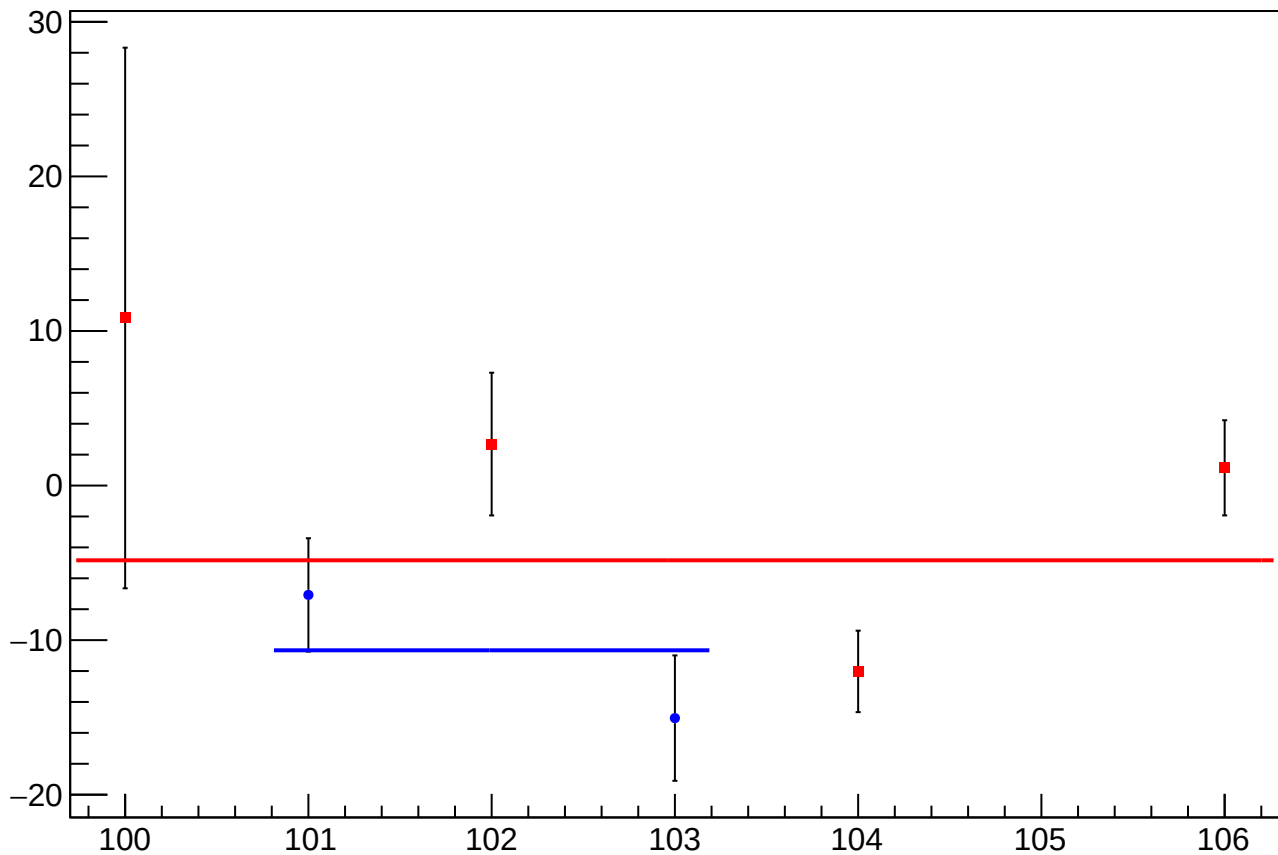
Right: 37.821 $\pm$ 1.758 χ^2 /NDF: 217.9/5

In: 51.298 $\pm$ 2.910 χ^2 /NDF: 43.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.821 $\pm$ 1.758 χ^2 /NDF: 217.9/5

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.835 $\pm$ 1.826 χ^2 /NDF: 14.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

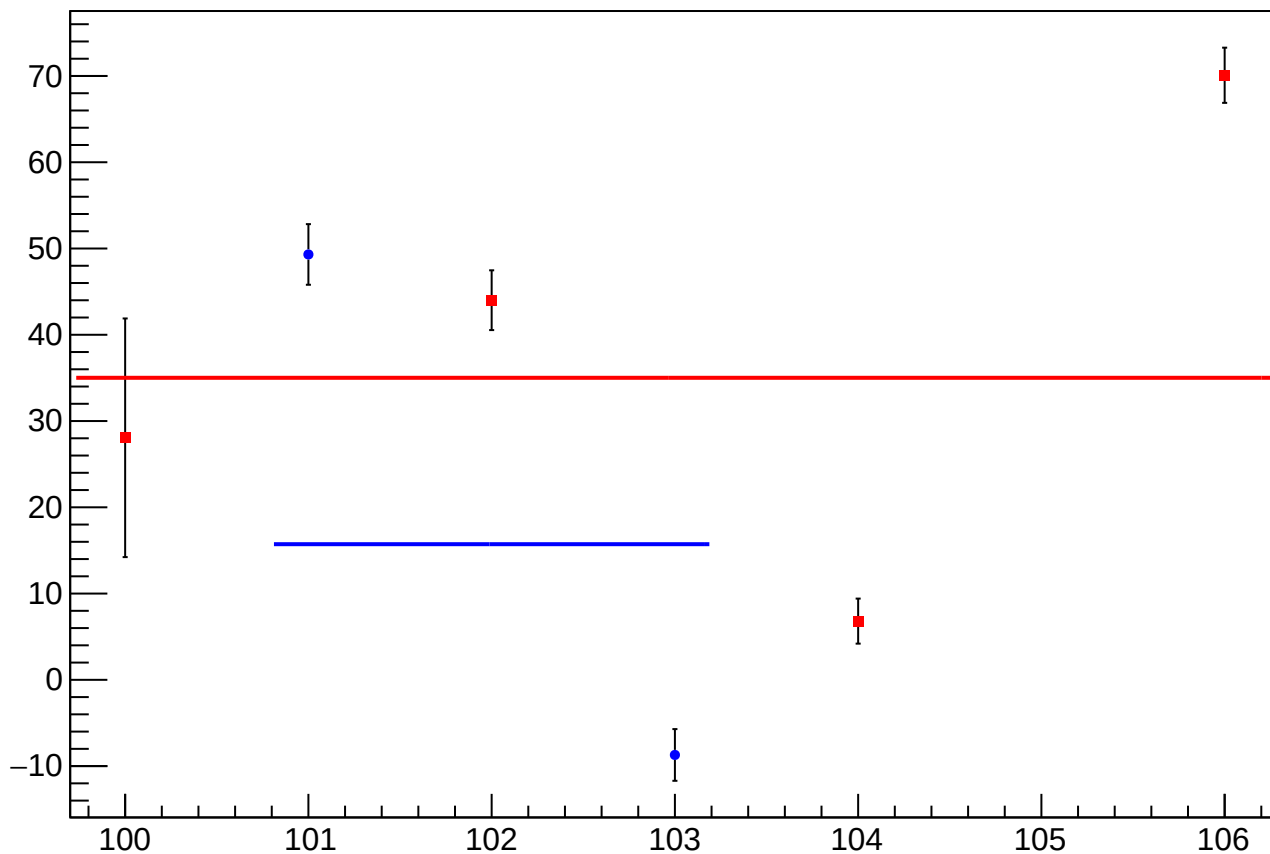
Right: -6.645 $\pm$ 1.516 χ^2 /NDF: 20.0/5

In: -10.659 $\pm$ 2.720 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.645 $\pm$ 1.516 χ^2 /NDF: 20.0/5

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724 ± 2.280 $\chi^2/\text{NDF}: 157.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.013 ± 1.733 $\chi^2/\text{NDF}: 244.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

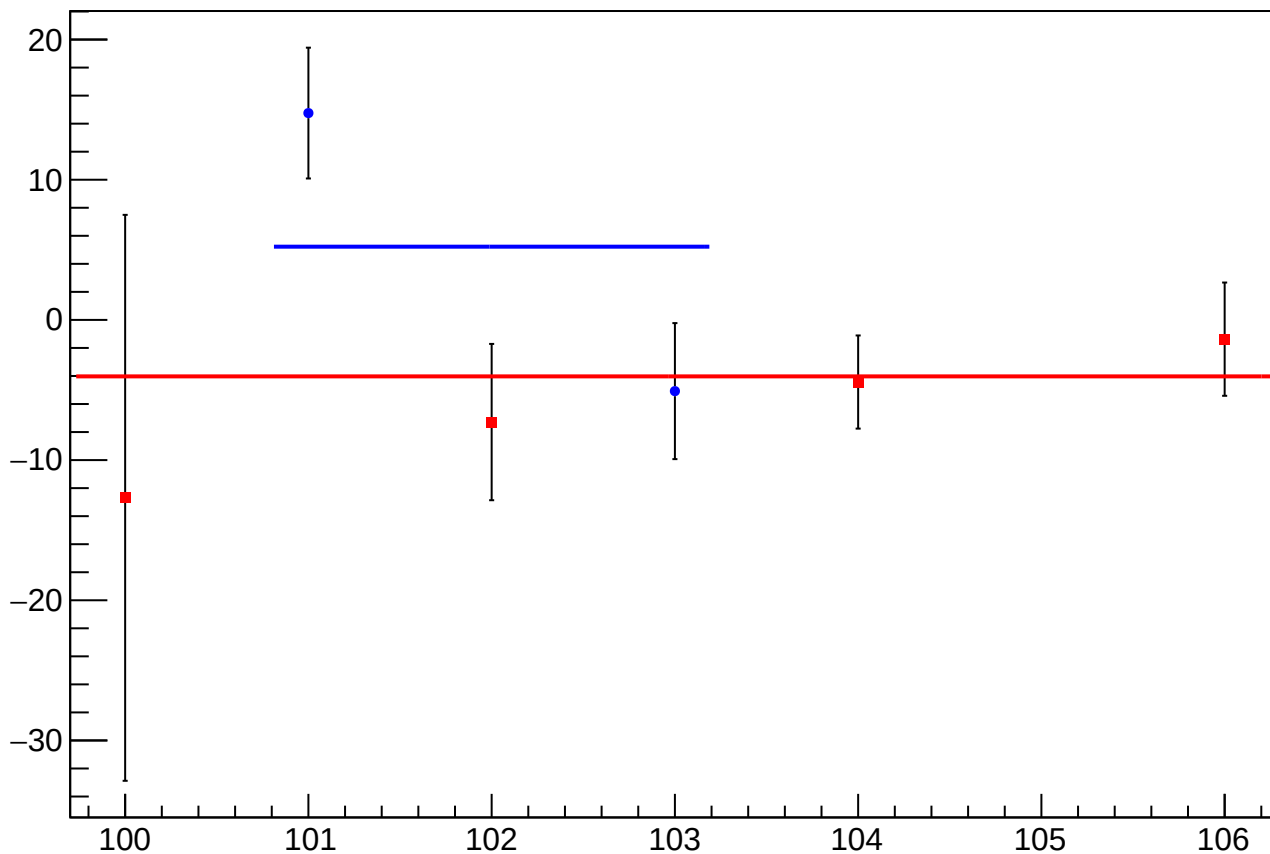
Right: 27.952 ± 1.380 $\chi^2/\text{NDF}: 447.1/5$

In: 15.724 ± 2.280 $\chi^2/\text{NDF}: 157.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 27.952 ± 1.380 $\chi^2/\text{NDF}: 447.1/5$

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.028+/-2.316 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

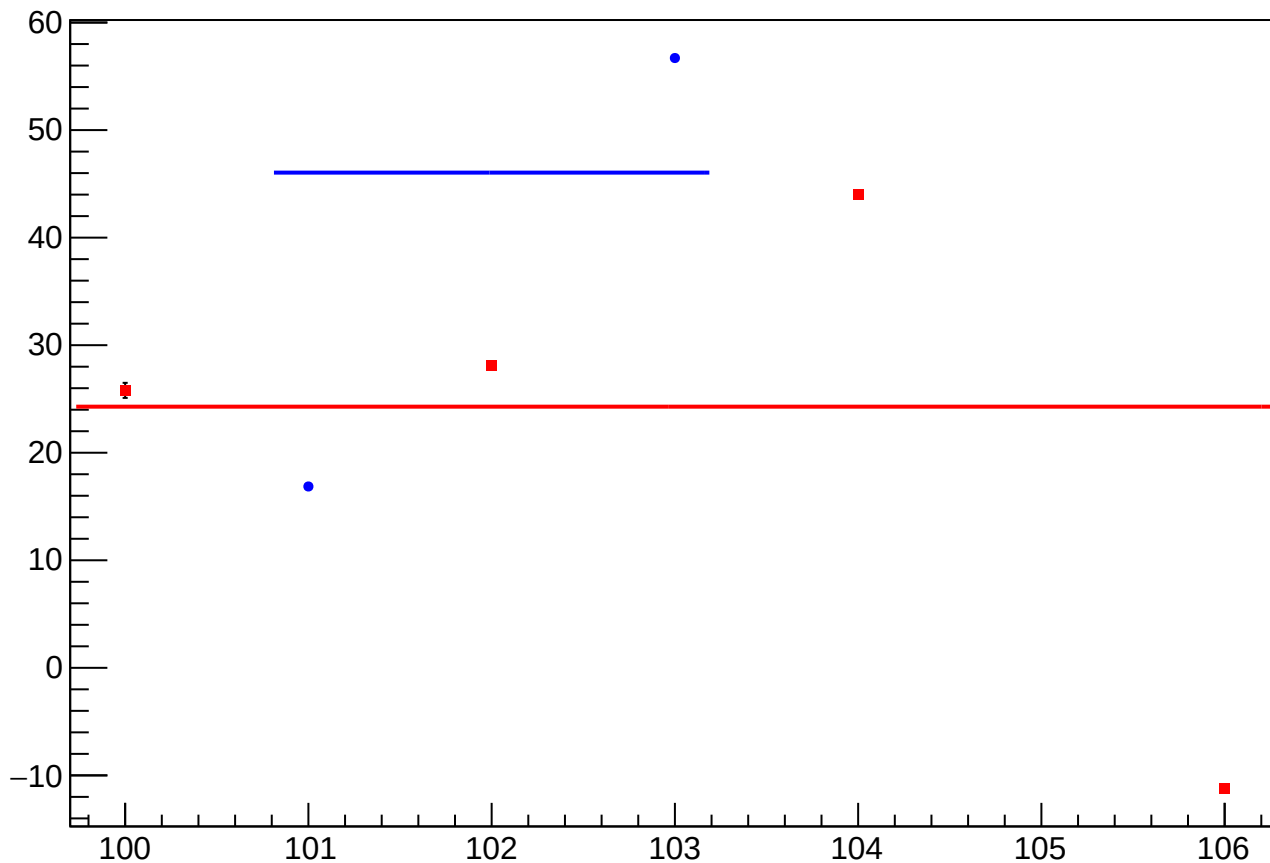
Right: -1.052+/-1.907 χ^2/NDF : 14.8/5

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.052+/-1.907 χ^2/NDF : 14.8/5

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.284+/-0.082 χ^2/NDF : 75088.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

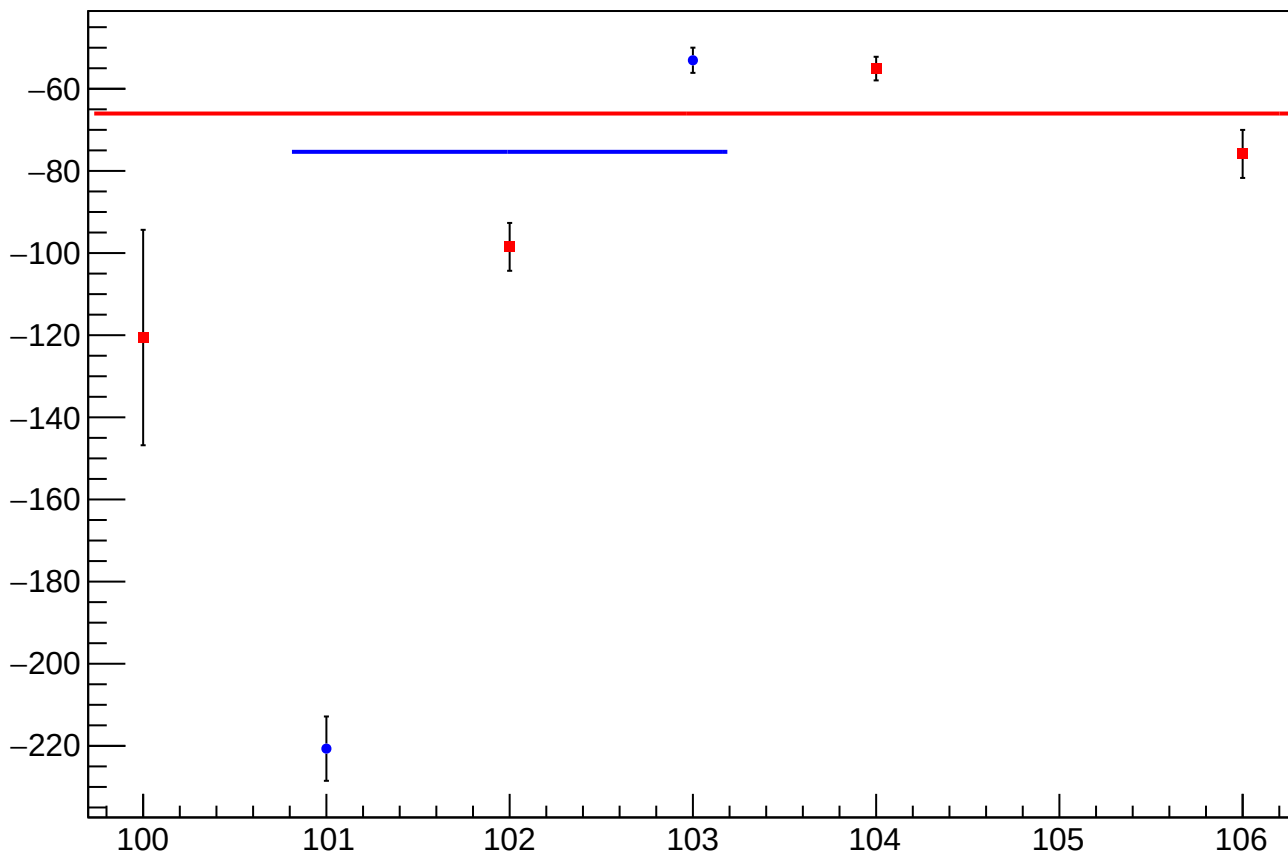
Right: 32.258+/-0.065 χ^2/NDF : 127771.7/5

In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.258+/-0.065 χ^2/NDF : 127771.7/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -75.351+/-2.856 χ^2/NDF : 397.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.025+/-2.350 χ^2/NDF : 52.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

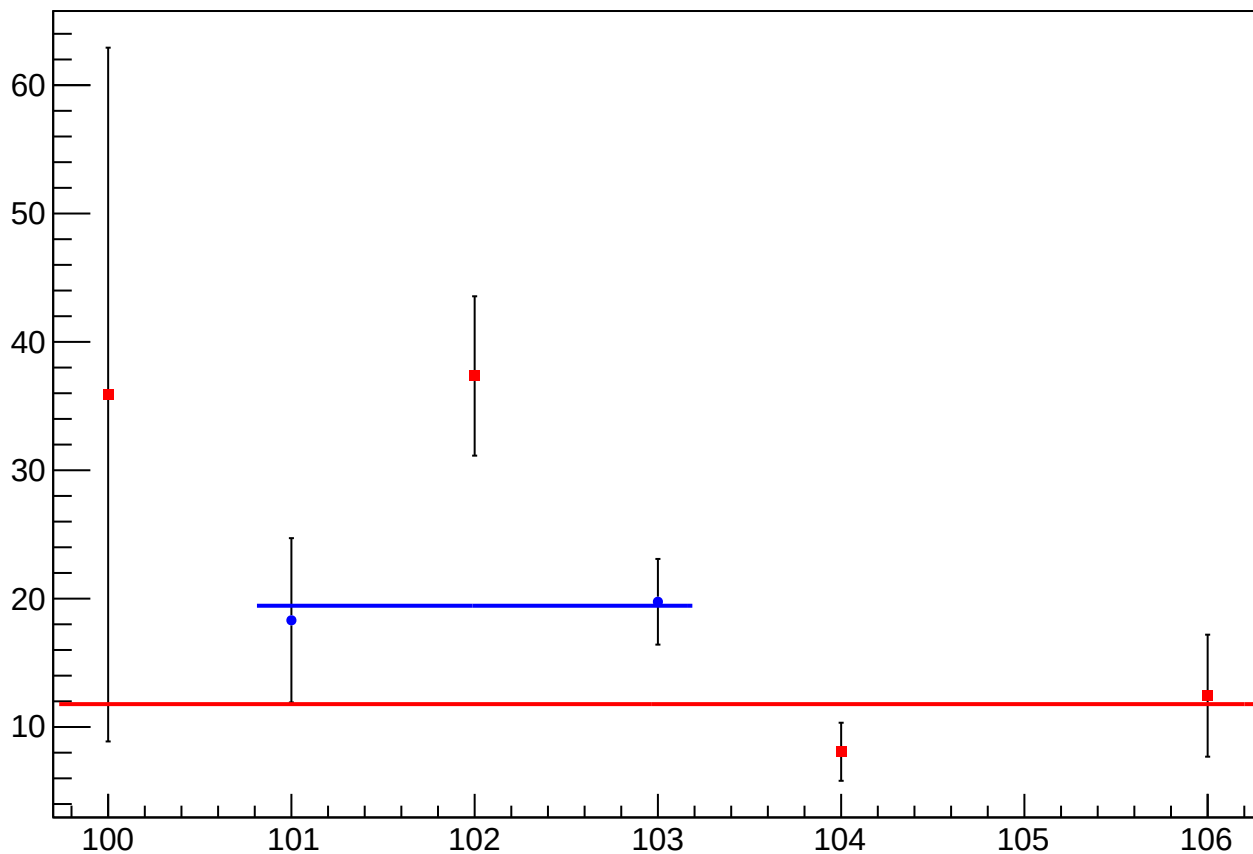
Right: -69.790+/-1.815 χ^2/NDF : 456.3/5

In: -75.351+/-2.856 χ^2/NDF : 397.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.790+/-1.815 χ^2/NDF : 456.3/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.446+/-2.959 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.782+/-1.935 χ^2/NDF : 20.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

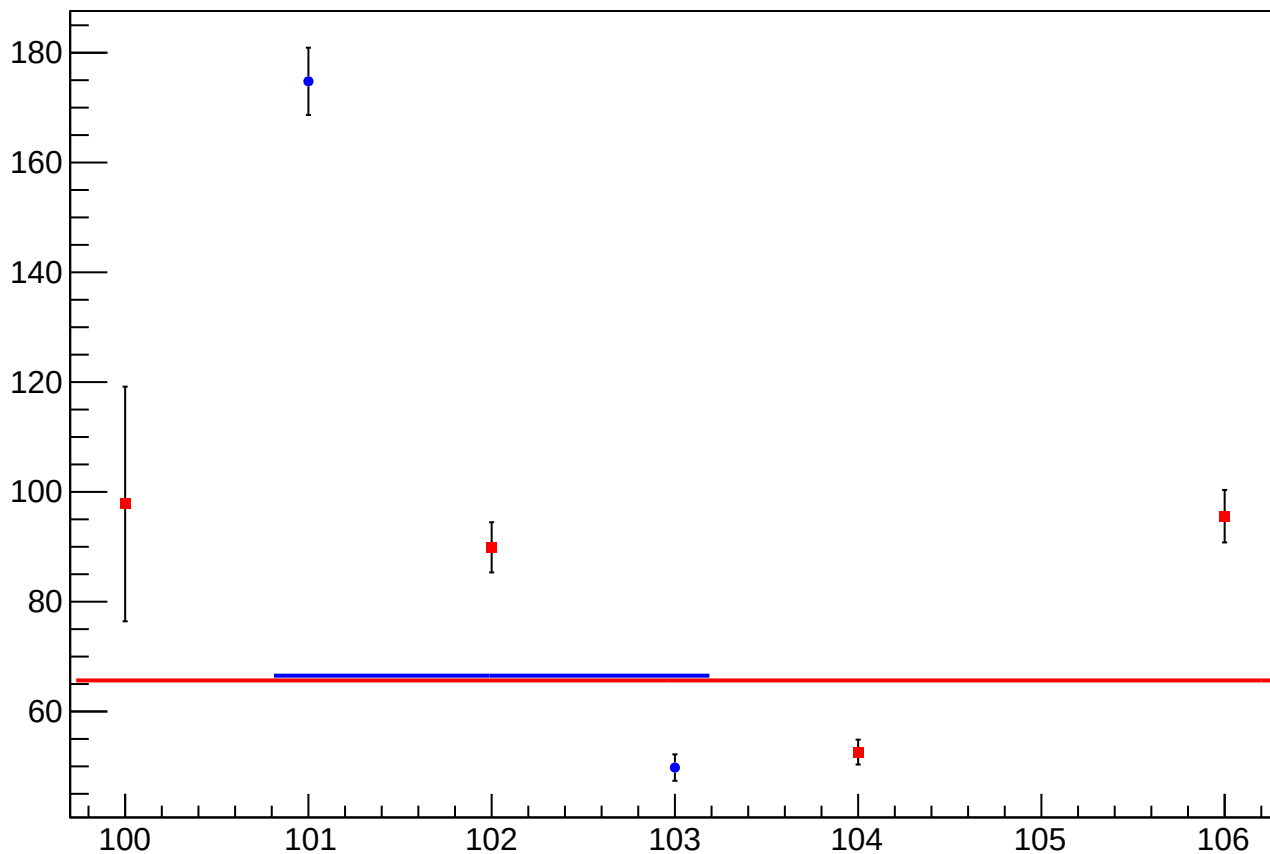
Right: 14.078+/-1.619 χ^2/NDF : 25.2/5

In: 19.446+/-2.959 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.078+/-1.619 χ^2/NDF : 25.2/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 66.523+/-2.242 χ^2/NDF : 360.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.658+/-1.863 χ^2/NDF : 102.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

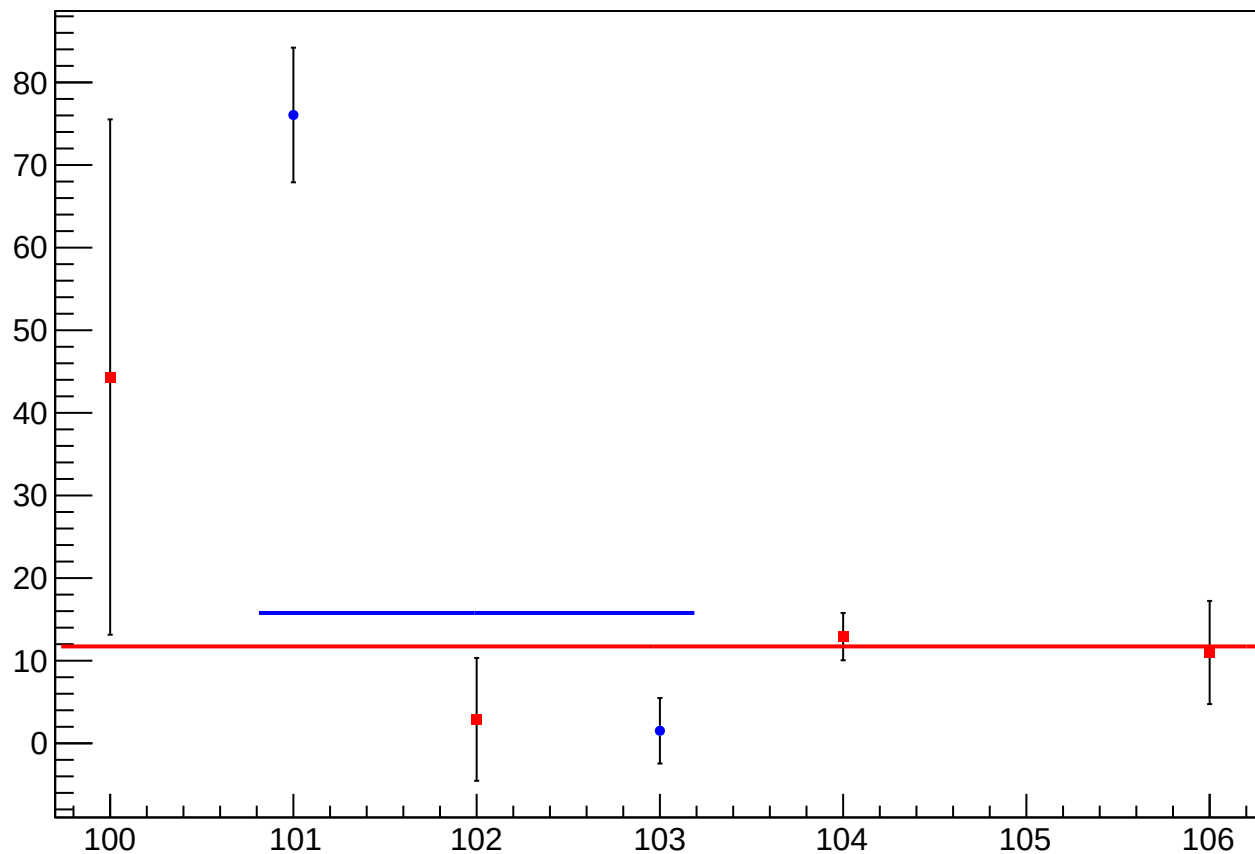
Right: 66.011+/-1.433 χ^2/NDF : 463.2/5

In: 66.523+/-2.242 χ^2/NDF : 360.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.011+/-1.433 χ^2/NDF : 463.2/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.779+/-3.565 χ^2 /NDF: 67.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 11.727+/-2.448 χ^2 /NDF: 2.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

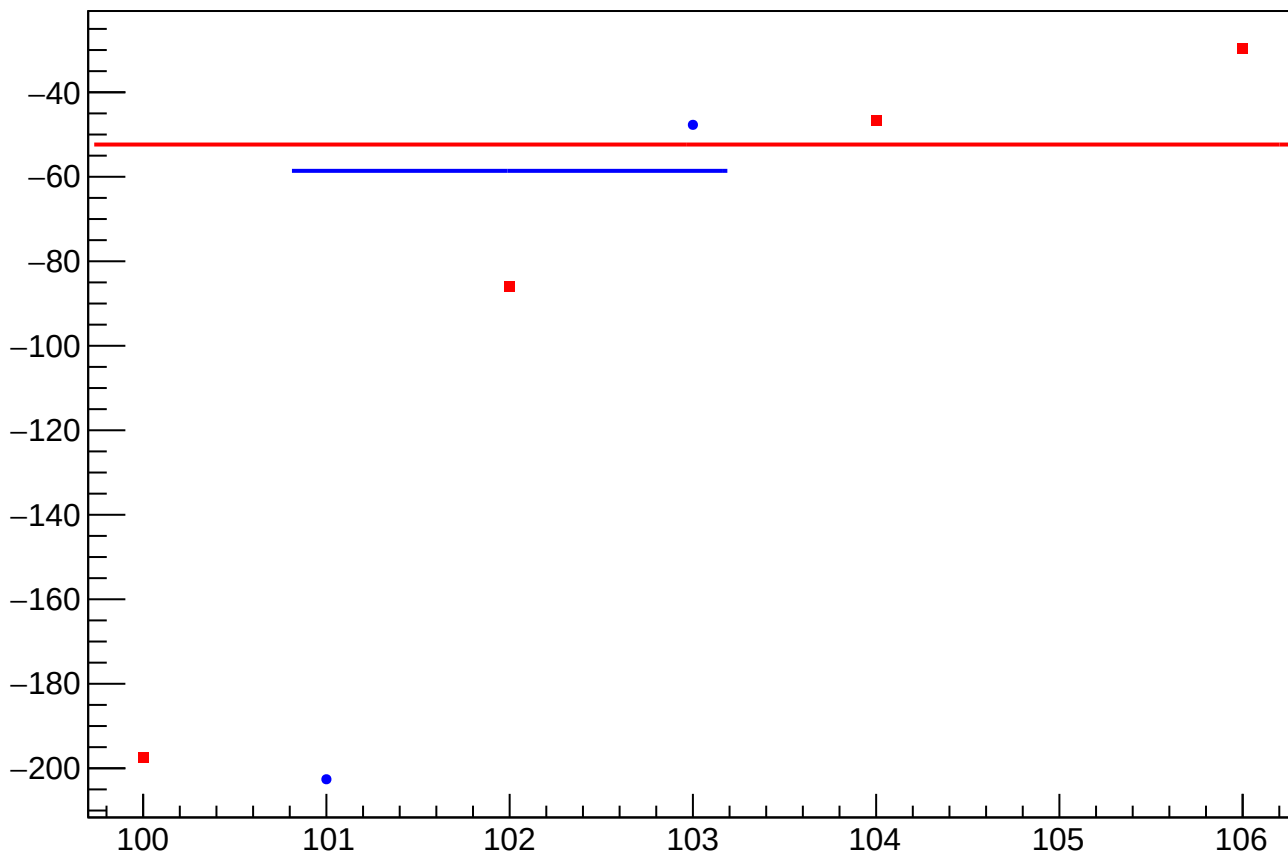
Right: 13.026+/-2.018 χ^2 /NDF: 71.2/5

In: 15.779+/-3.565 χ^2 /NDF:67.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 13.026+/-2.018 χ^2 /NDF: 71.2/5

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.595 +/- 0.097 χ^2/NDF : 167566.7/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -52.368 +/- 0.086 χ^2/NDF : 62481.1/3

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

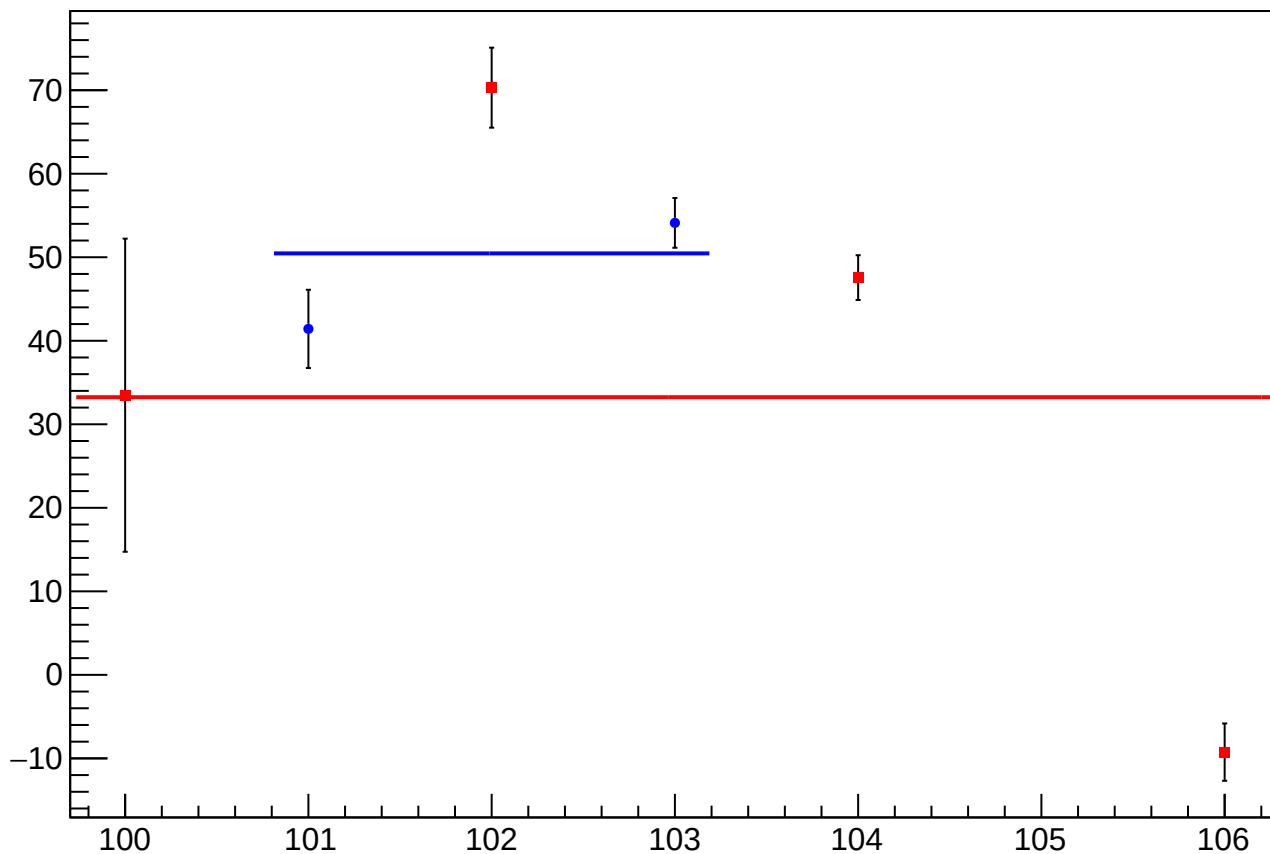
Right: -55.110 +/- 0.064 χ^2/NDF : 232367.0/5

In: -58.595 +/- 0.097 χ^2/NDF : 167566.7/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -55.110 +/- 0.064 χ^2/NDF : 232367.0/5

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.242+/-1.922 χ^2/NDF : 241.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

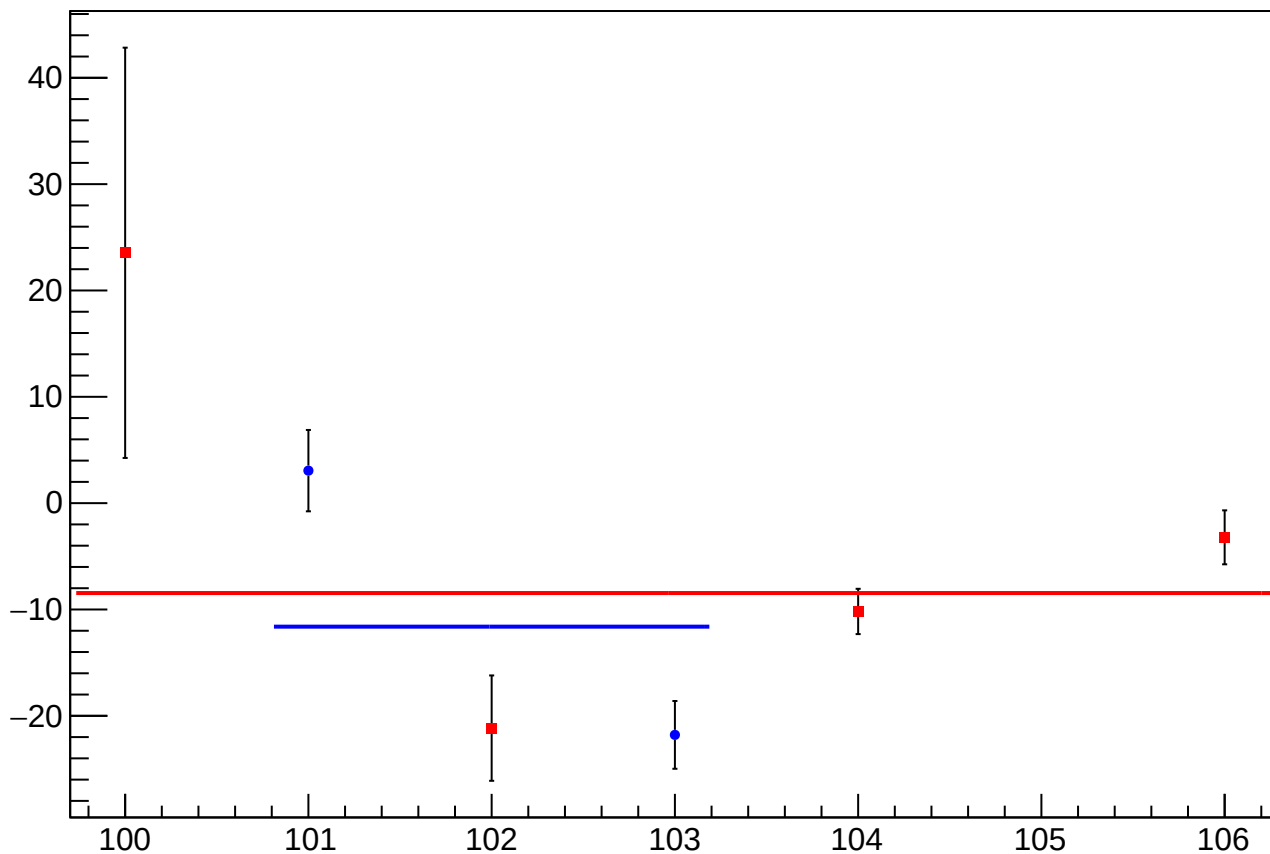
Right: 39.594+/-1.527 χ^2/NDF : 276.7/5

In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.594+/-1.527 χ^2/NDF : 276.7/5

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.614 $\pm$ 2.449 χ^2 /NDF: 24.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.452 $\pm$ 1.545 χ^2 /NDF: 14.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

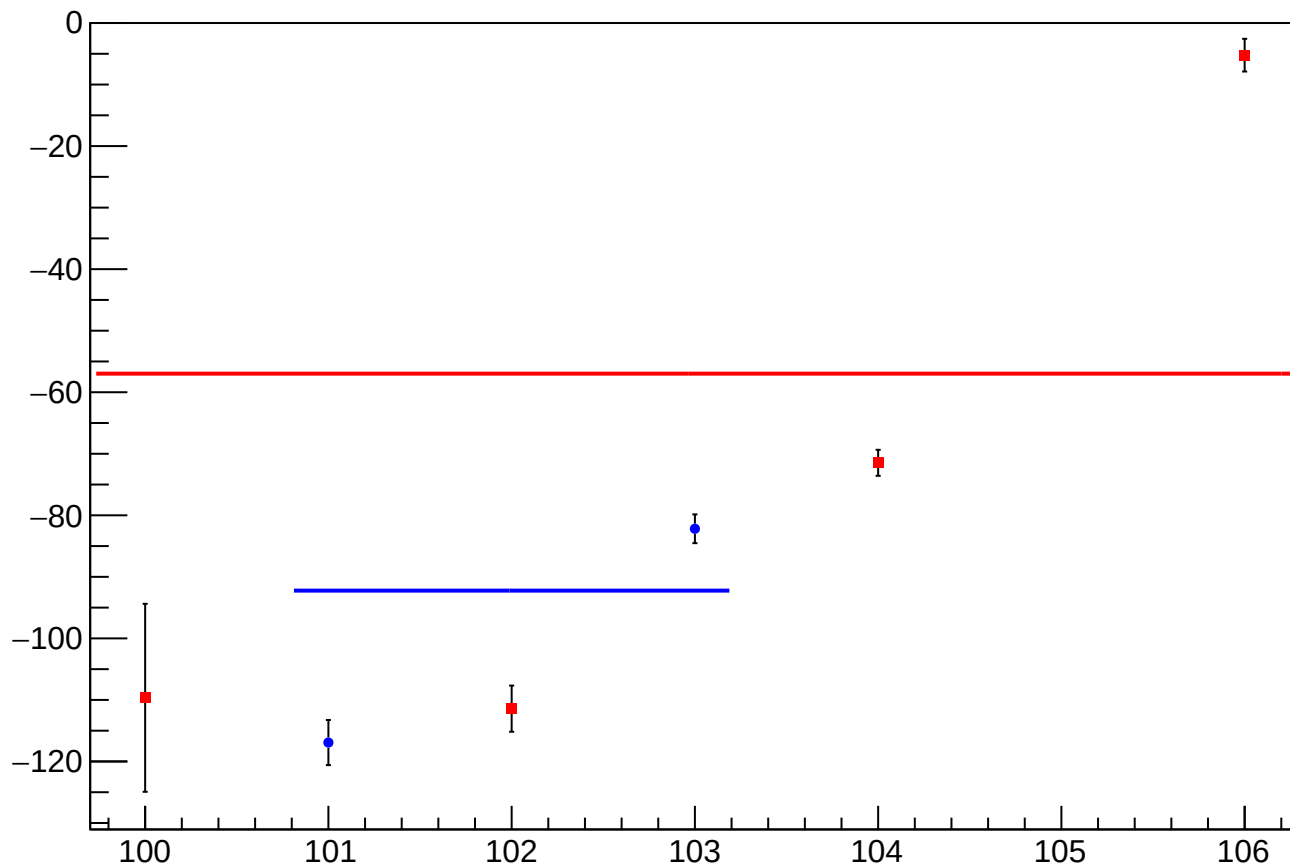
Right: -9.352 $\pm$ 1.306 χ^2 /NDF: 40.4/5

In: -11.614 $\pm$ 2.449 χ^2 /NDF:24.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.352 $\pm$ 1.306 χ^2 /NDF: 40.4/5

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.236+/-1.971 χ^2/NDF : 63.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.978+/-1.507 χ^2/NDF : 648.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

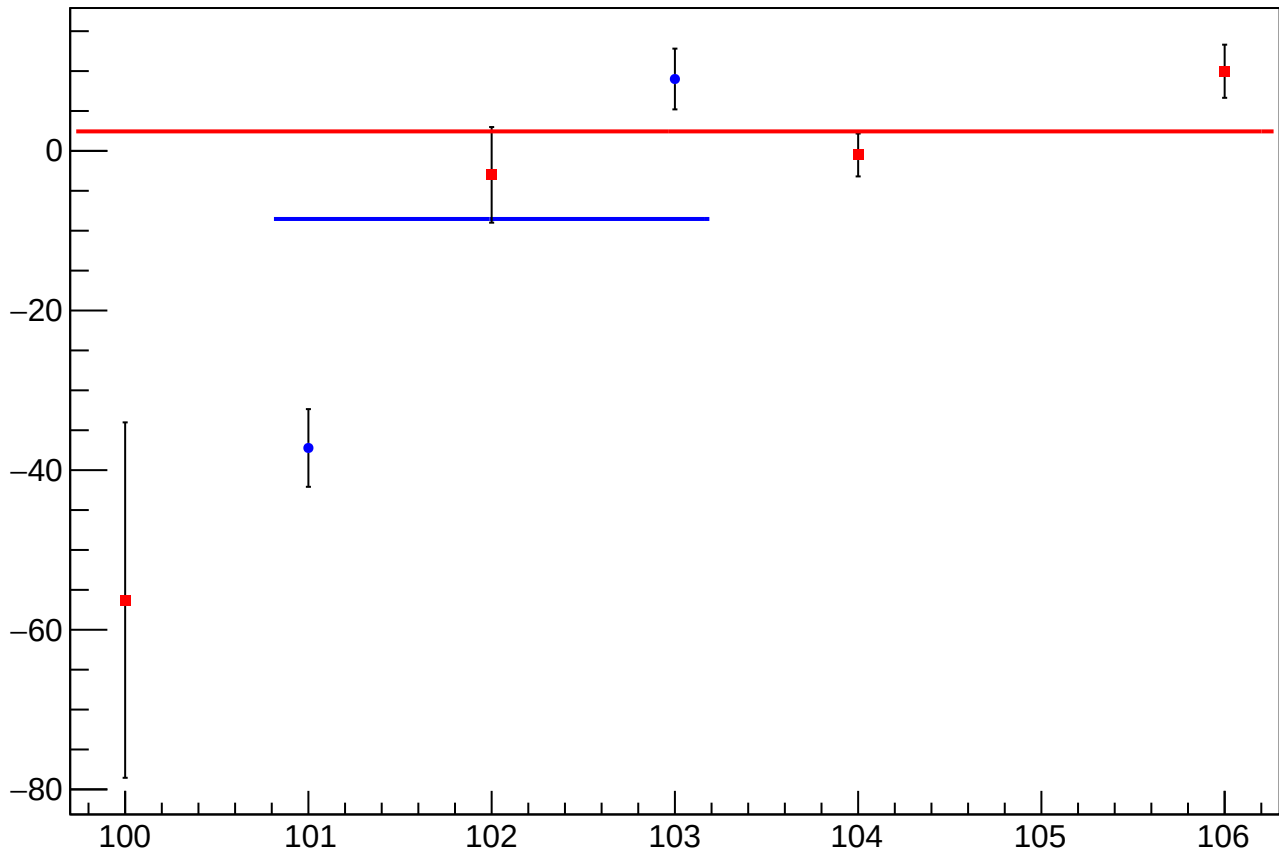
Right: -69.980+/-1.197 χ^2/NDF : 914.2/5

In: -92.236+/-1.971 χ^2/NDF : 63.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.980+/-1.197 χ^2/NDF : 914.2/5

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530+/-2.998 χ^2/NDF : 56.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.444+/-1.966 χ^2/NDF : 14.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

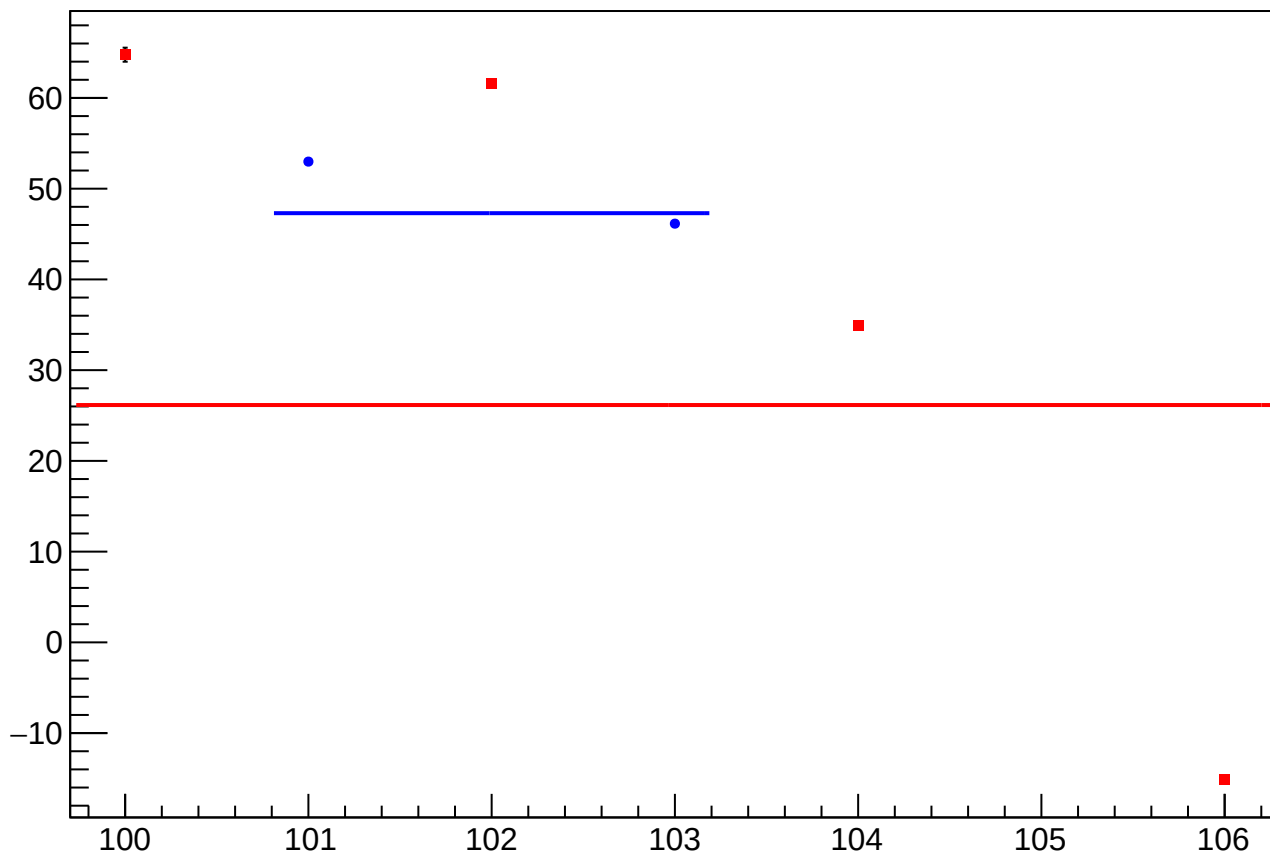
Right: -0.856+/-1.644 χ^2/NDF : 79.4/5

In: -8.530+/-2.998 χ^2/NDF :56.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.856+/-1.644 χ^2/NDF : 79.4/5

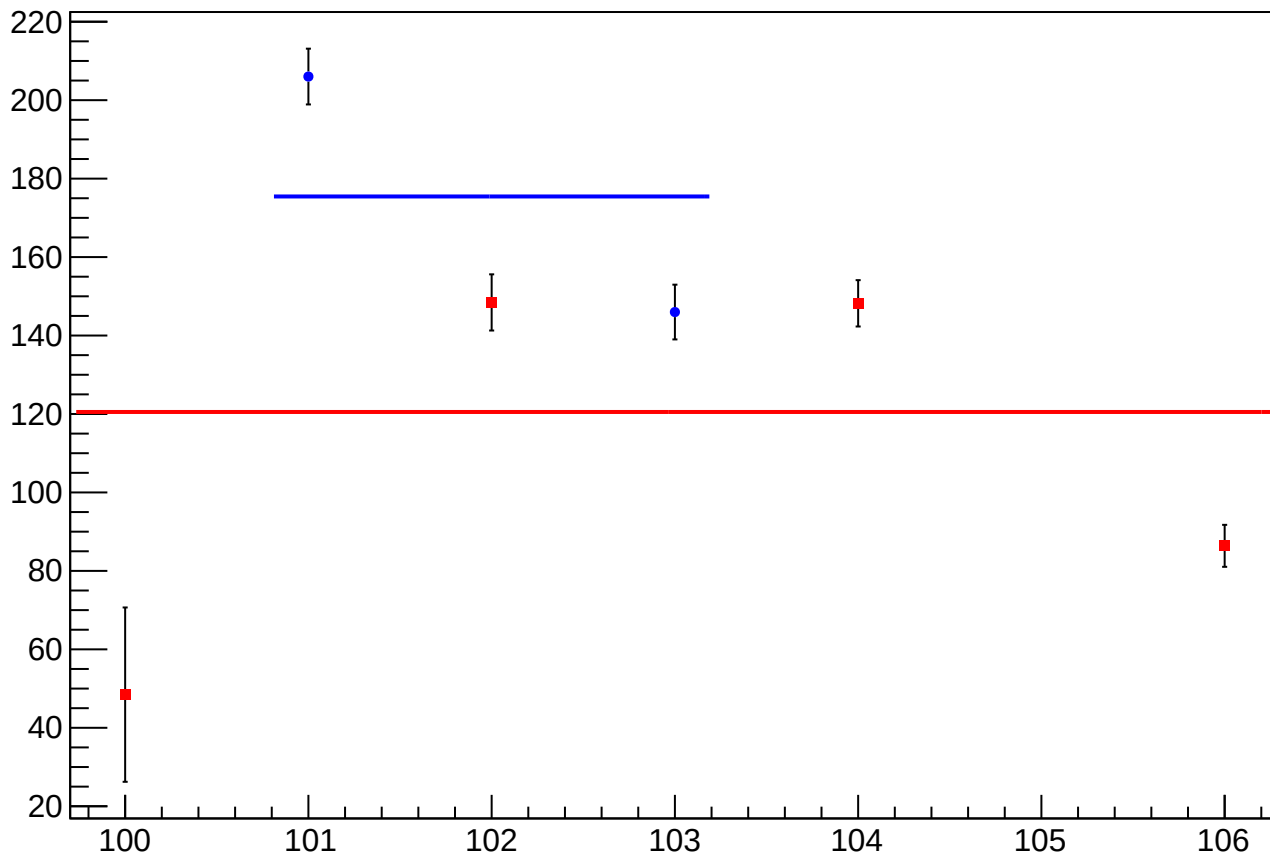
reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 26.156+/-0.072 χ^2/NDF : 150177.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 34.551+/-0.056 χ^2/NDF : 184789.7/5
 In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 34.551+/-0.056 χ^2/NDF : 184789.7/5

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.514 $\pm$ 3.428 χ^2 /NDF: 88.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

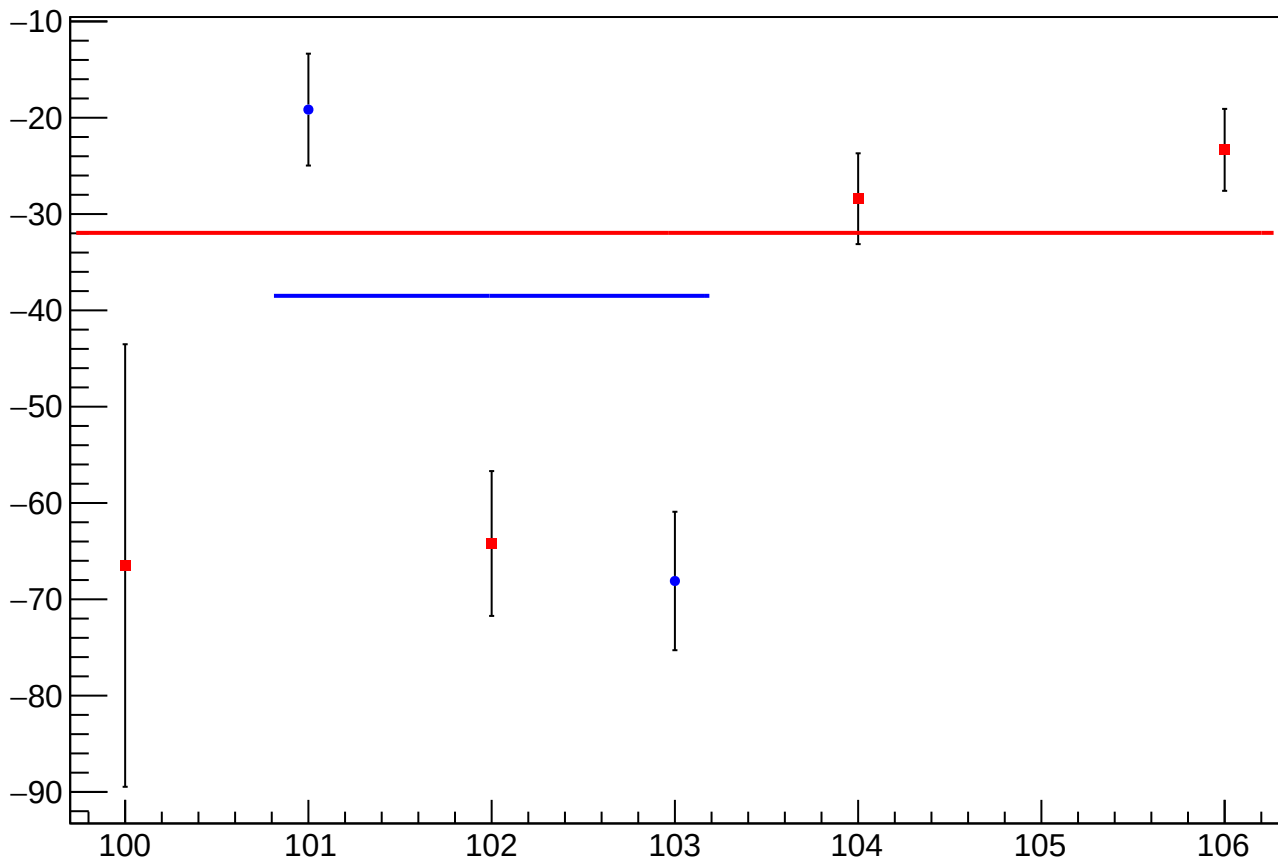
Right: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

In: 175.452 $\pm$ 4.980 χ^2 /NDF:36.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 ± 4.517 $\chi^2/\text{NDF}: 28.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.953 ± 2.889 $\chi^2/\text{NDF}: 25.3/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

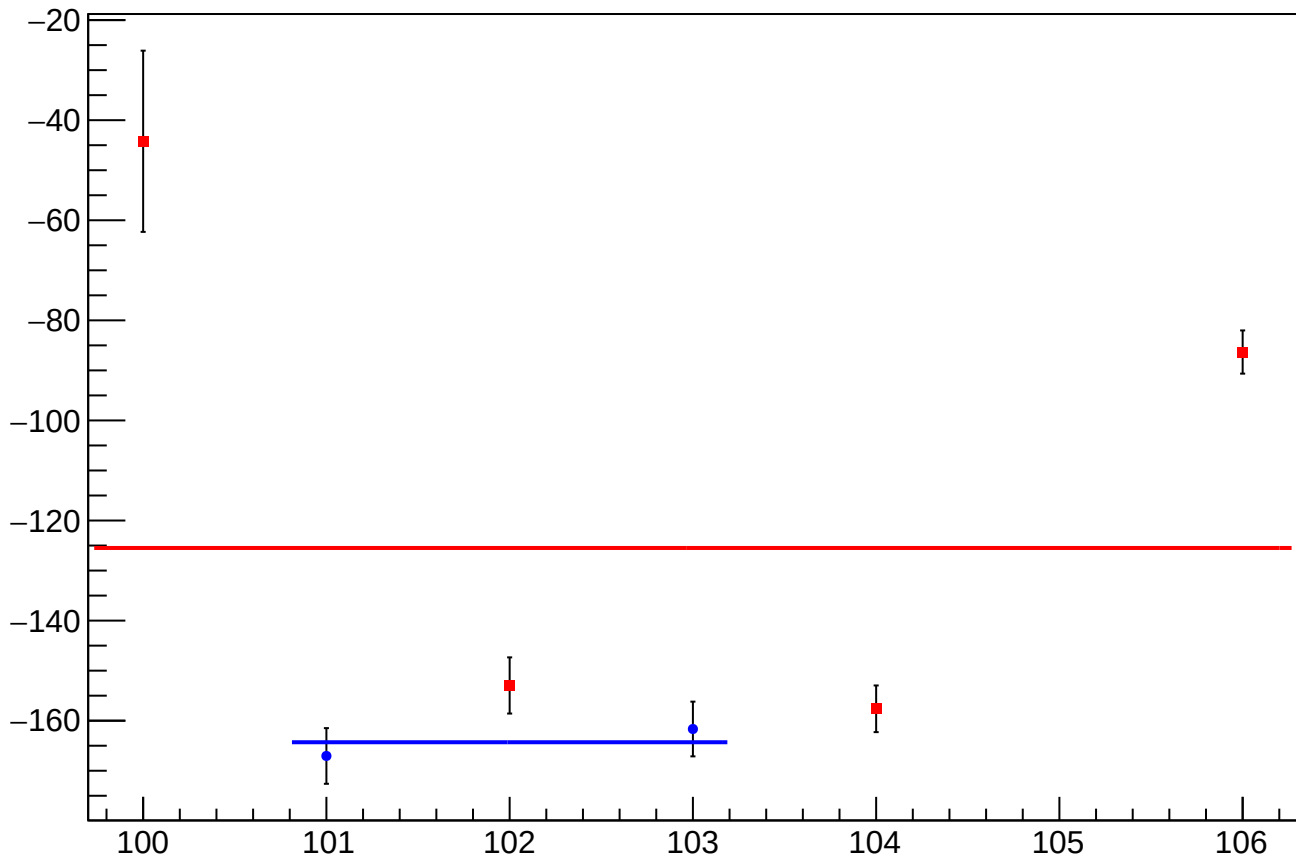
Right: -33.851 ± 2.434 $\chi^2/\text{NDF}: 54.9/5$

In: -38.490 ± 4.517 $\chi^2/\text{NDF}: 28.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.851 ± 2.434 $\chi^2/\text{NDF}: 54.9/5$

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -125.484+/-2.726 χ^2/NDF : 174.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

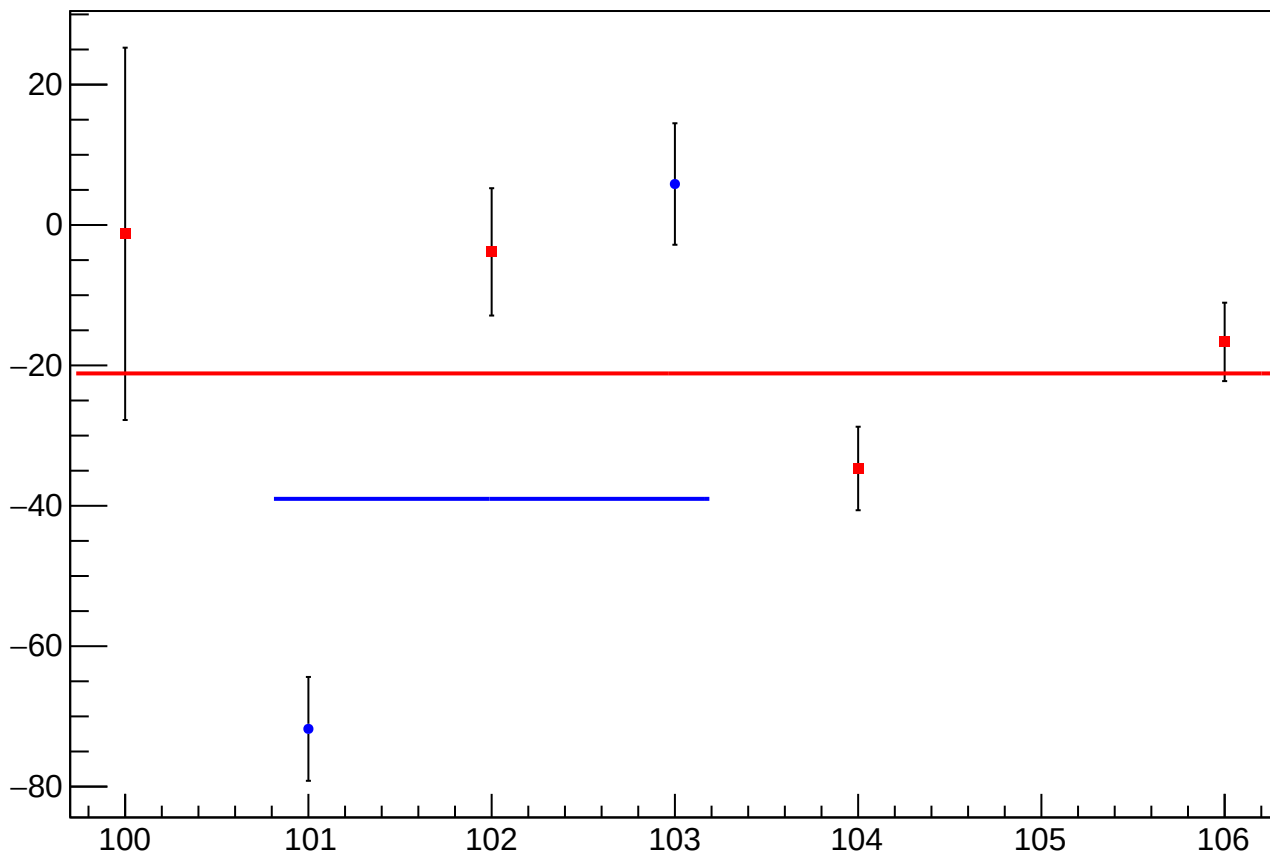
Right: -138.230+/-2.234 χ^2/NDF : 241.0/5

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.230+/-2.234 χ^2/NDF : 241.0/5

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.143 $\pm$ 3.678 χ^2 /NDF: 10.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

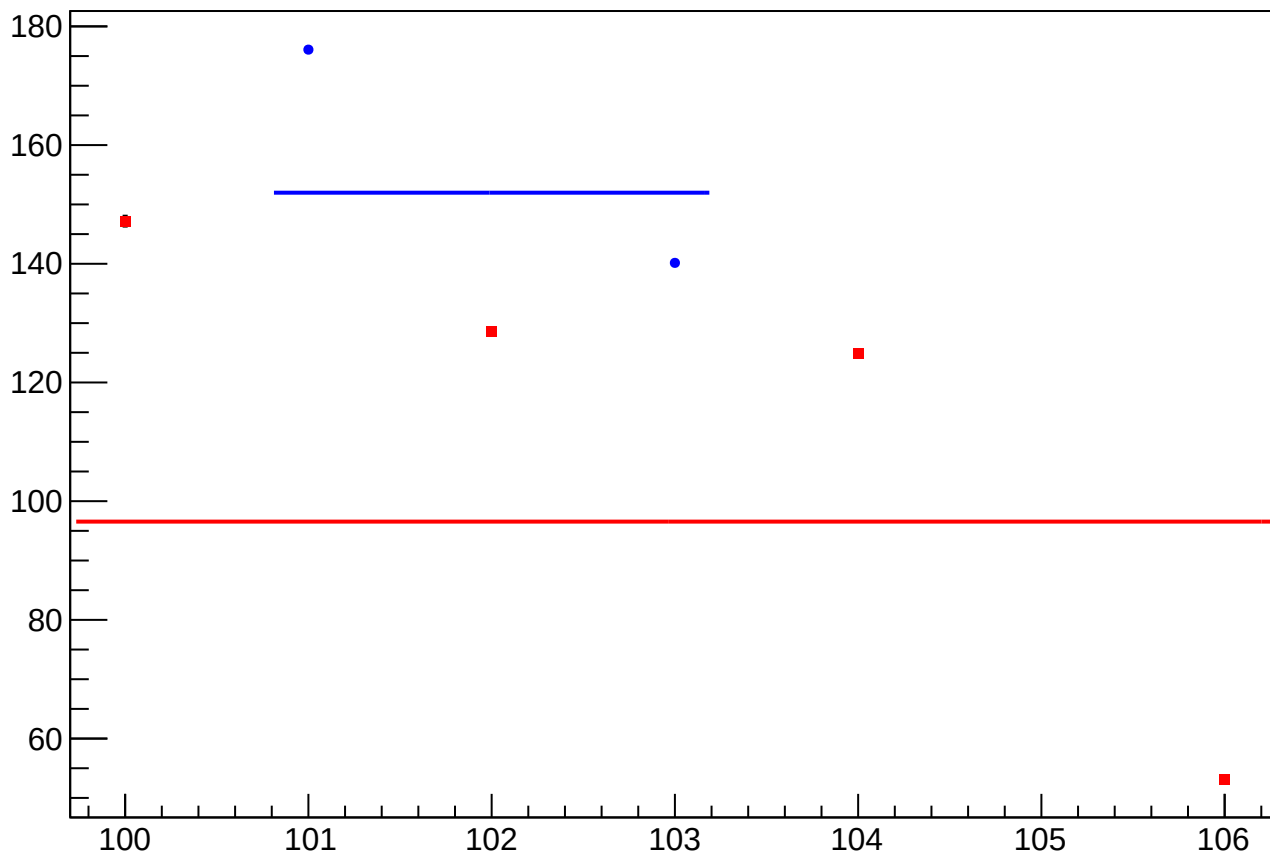
Right: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979 $\pm$ 0.190 χ^2 /NDF: 7902.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.557 $\pm$ 0.125 χ^2 /NDF: 86261.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

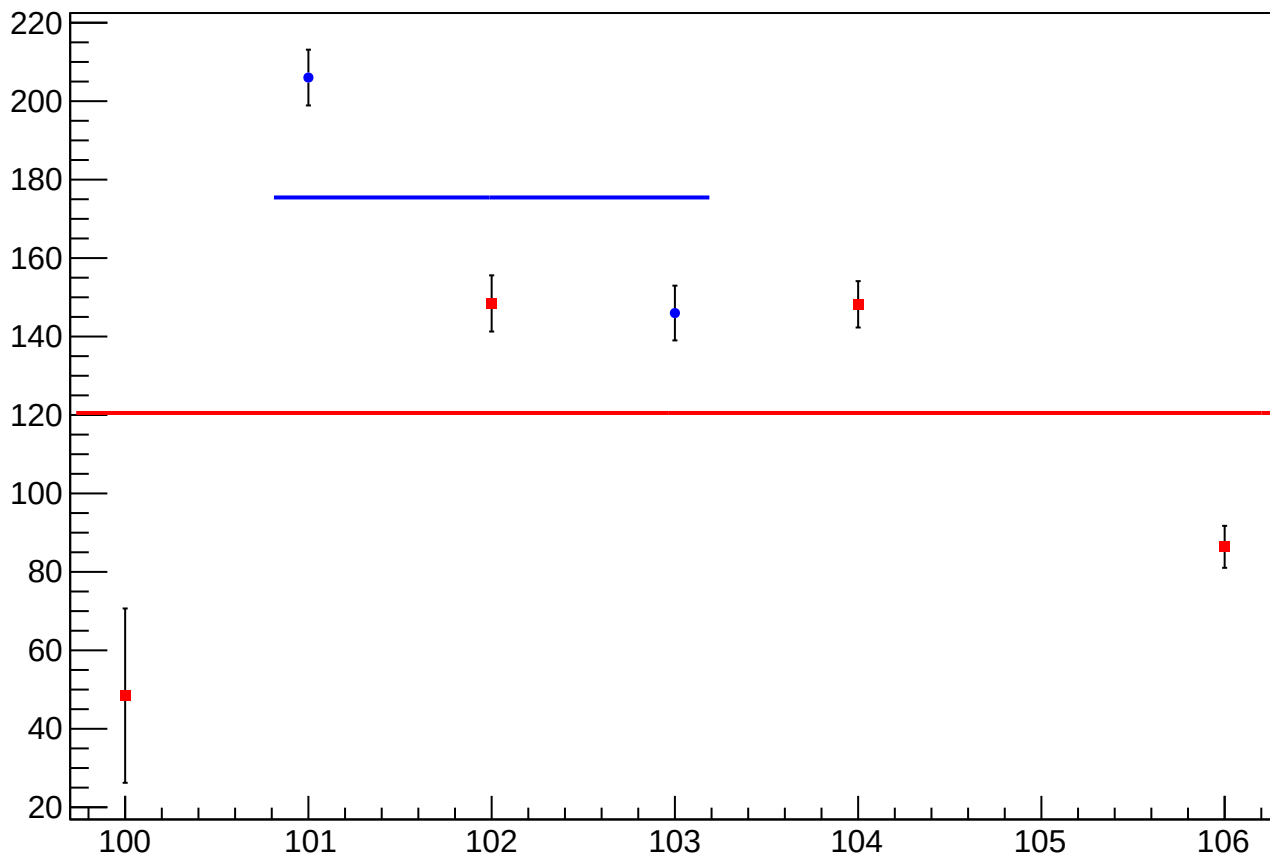
Right: 113.310 $\pm$ 0.104 χ^2 /NDF: 153583.6/5

In: 151.979 $\pm$ 0.190 χ^2 /NDF:7902.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.310 $\pm$ 0.104 χ^2 /NDF: 153583.6/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 175.452 $\pm$ 4.980 χ^2 /NDF: 36.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.514 $\pm$ 3.428 χ^2 /NDF: 88.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

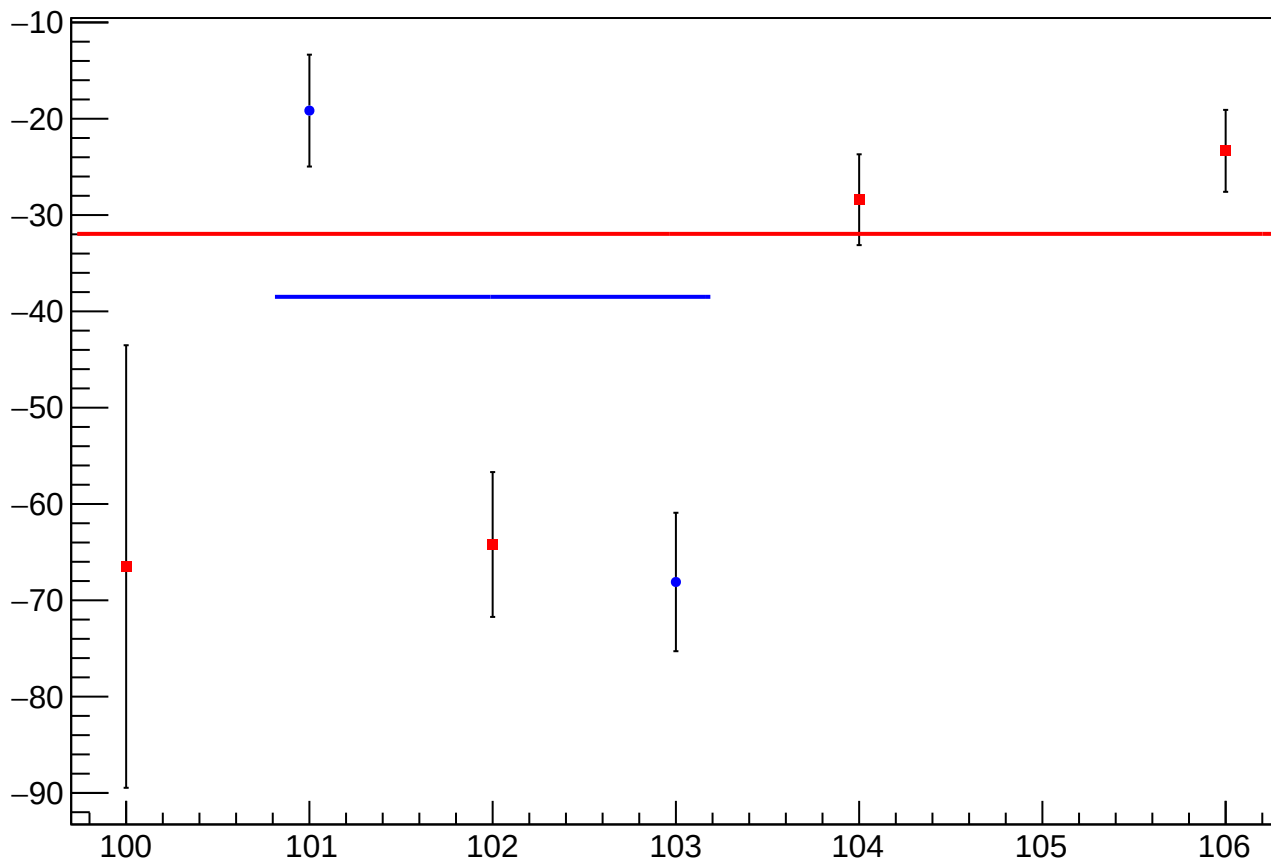
Right: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

In: 175.452 $\pm$ 4.980 χ^2 /NDF:36.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.174 $\pm$ 2.824 χ^2 /NDF: 207.2/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490 $\pm$ 4.517 χ^2 /NDF: 28.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.953 $\pm$ 2.889 χ^2 /NDF: 25.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

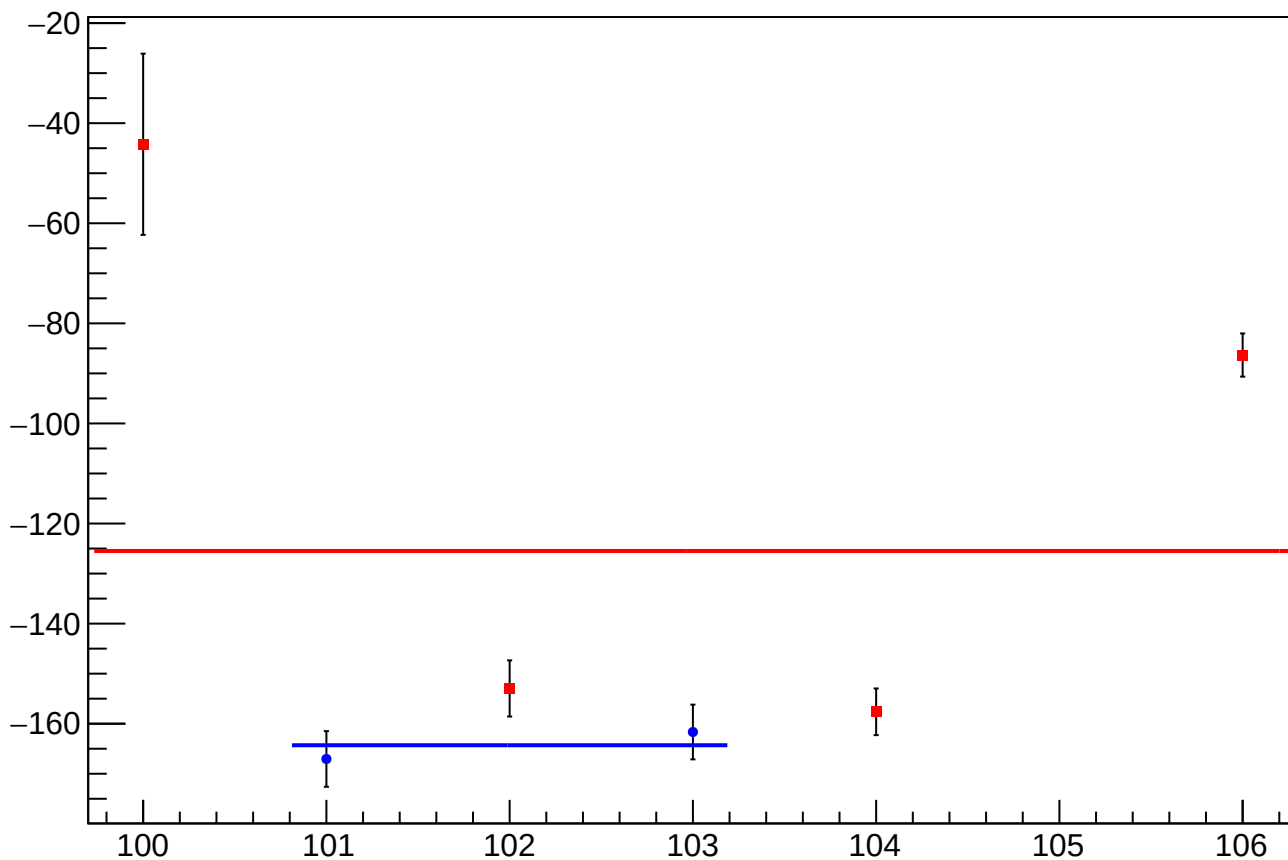
Right: -33.851 $\pm$ 2.434 χ^2 /NDF: 54.9/5

In: -38.490 $\pm$ 4.517 χ^2 /NDF:28.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -33.851 $\pm$ 2.434 χ^2 /NDF: 54.9/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -125.484+/-2.726 χ^2/NDF : 174.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

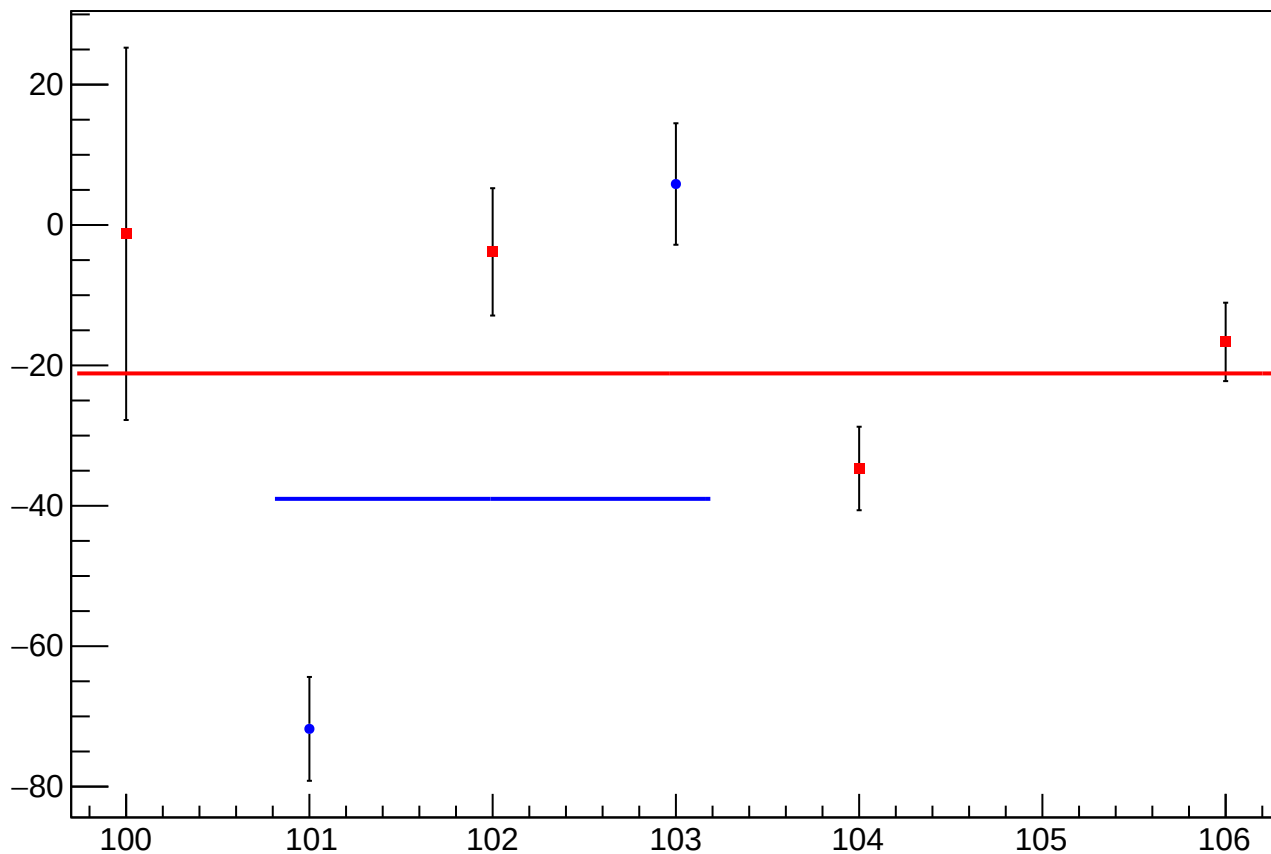
Right: -138.230+/-2.234 χ^2/NDF : 241.0/5

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.230+/-2.234 χ^2/NDF : 241.0/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.143 $\pm$ 3.678 χ^2 /NDF: 10.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

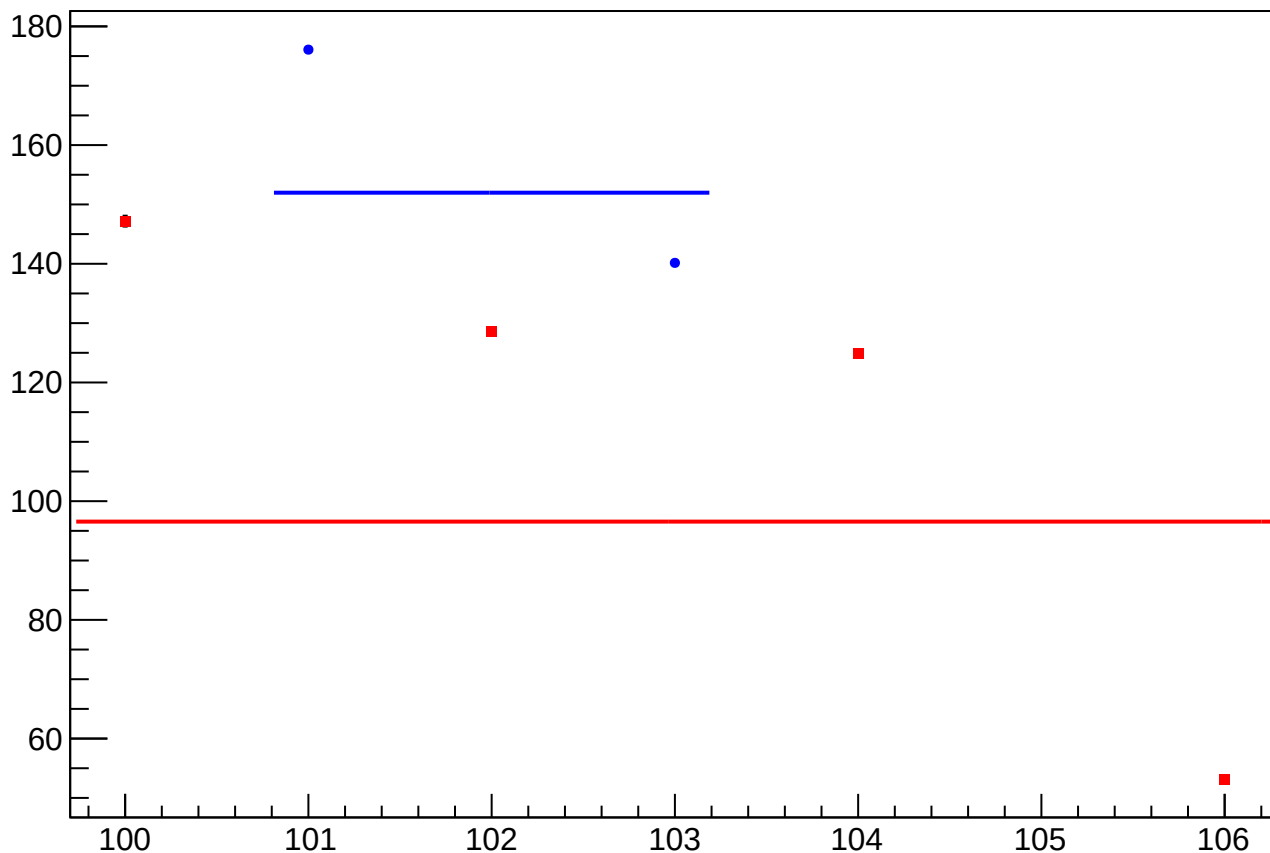
Right: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

In: -39.010 $\pm$ 5.623 χ^2 /NDF: 46.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.498 $\pm$ 3.078 χ^2 /NDF: 63.6/5

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.557+/-0.125 χ^2/NDF : 86261.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

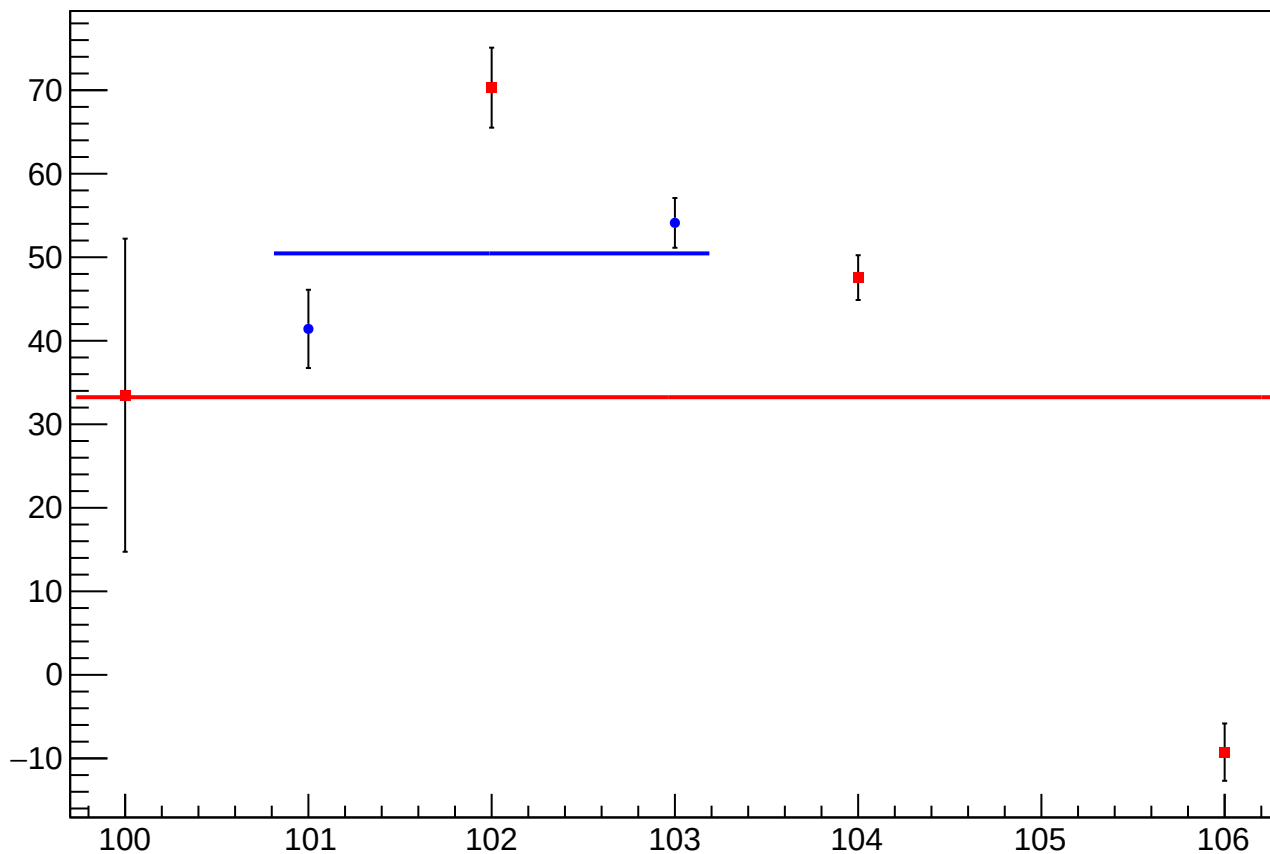
Right: 113.310+/-0.104 χ^2/NDF : 153583.6/5

In: 151.979+/-0.190 χ^2/NDF : 7902.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.310+/-0.104 χ^2/NDF : 153583.6/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.459 $\pm$ 2.514 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.242 $\pm$ 1.922 χ^2 /NDF: 241.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

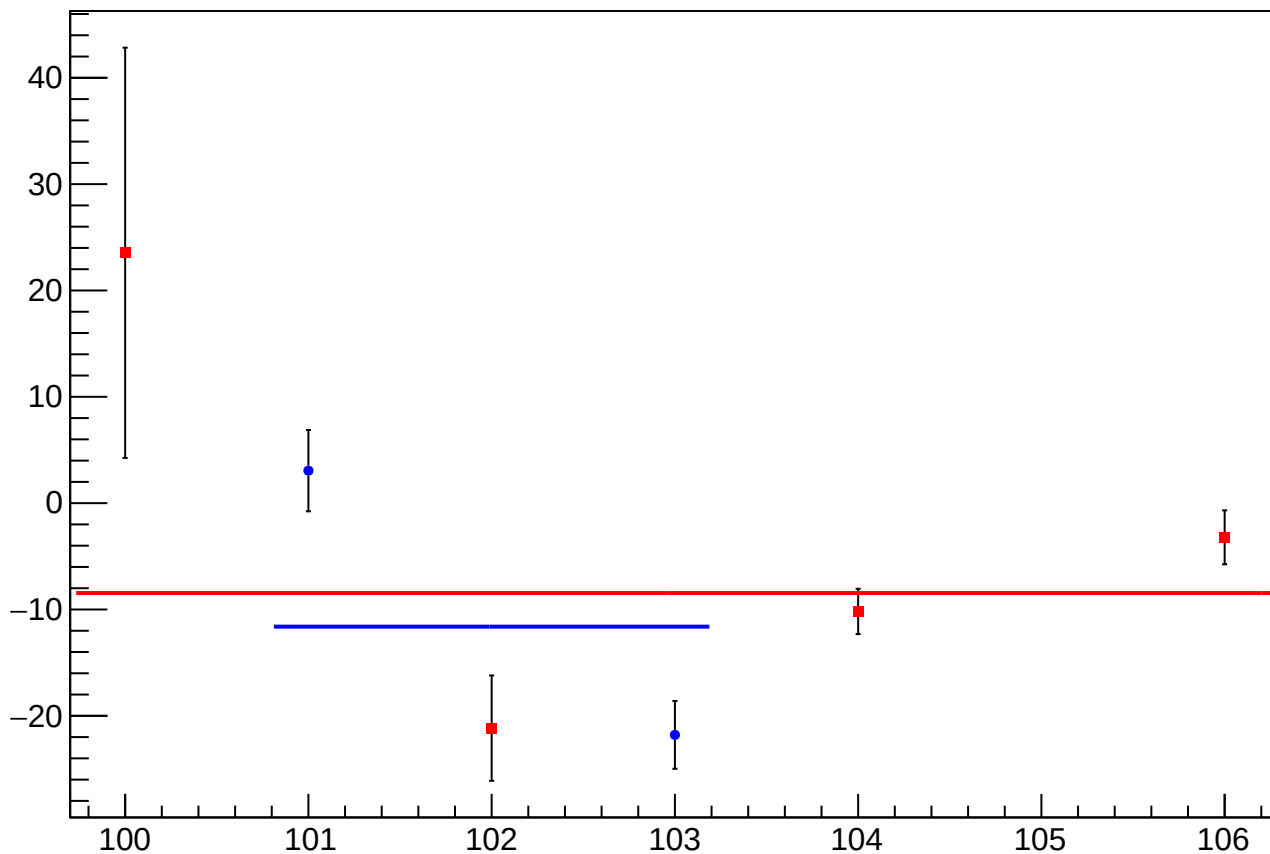
Right: 39.594 $\pm$ 1.527 χ^2 /NDF: 276.7/5

In: 50.459 $\pm$ 2.514 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.594 $\pm$ 1.527 χ^2 /NDF: 276.7/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.614 $\pm$ 2.449 χ^2 /NDF: 24.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.452 $\pm$ 1.545 χ^2 /NDF: 14.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

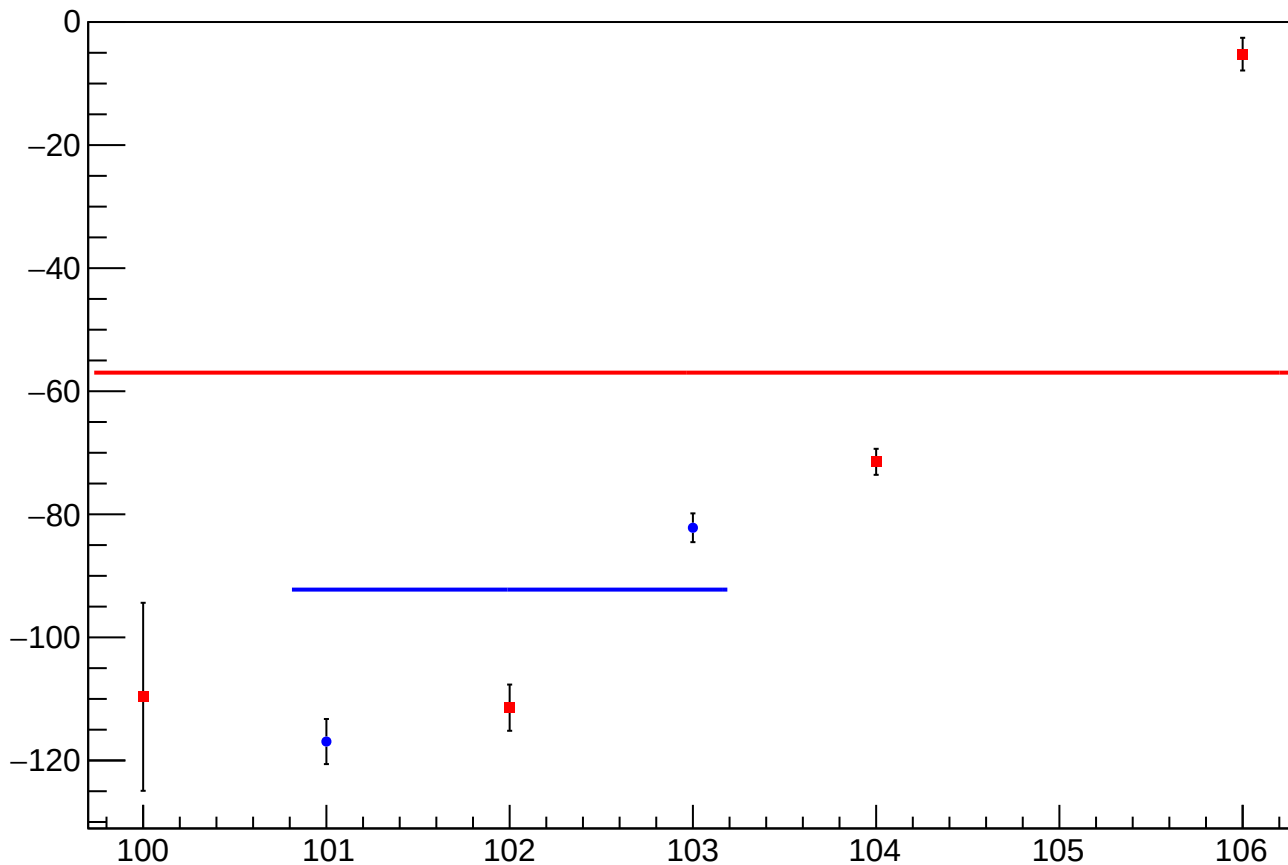
Right: -9.352 $\pm$ 1.306 χ^2 /NDF: 40.4/5

In: -11.614 $\pm$ 2.449 χ^2 /NDF:24.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.352 $\pm$ 1.306 χ^2 /NDF: 40.4/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -92.236 $\pm$ 1.971 χ^2 /NDF: 63.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -56.978 $\pm$ 1.507 χ^2 /NDF: 648.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

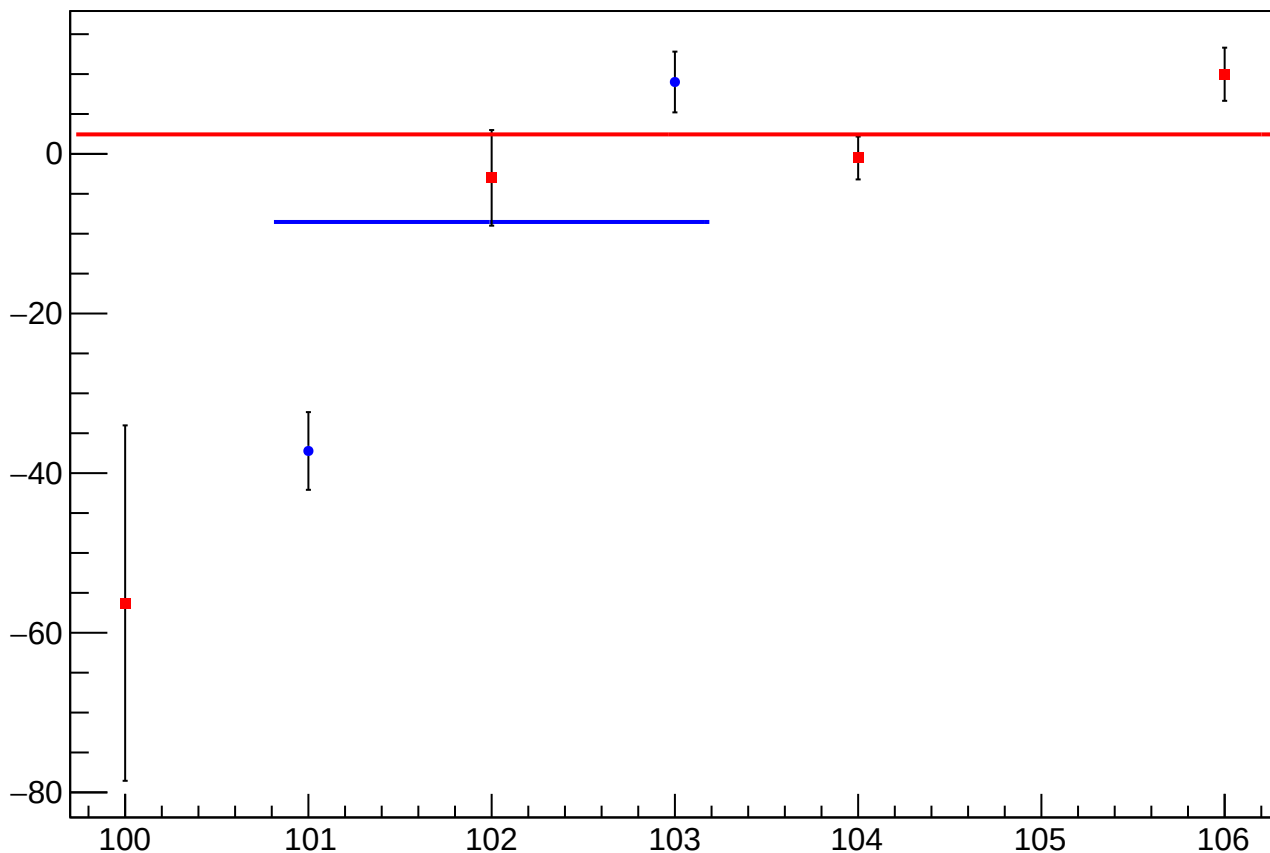
Right: -69.980 $\pm$ 1.197 χ^2 /NDF: 914.2/5

In: -92.236 $\pm$ 1.971 χ^2 /NDF:63.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.980 $\pm$ 1.197 χ^2 /NDF: 914.2/5

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530 $\pm$ 2.998 χ^2 /NDF: 56.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.444 $\pm$ 1.966 χ^2 /NDF: 14.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

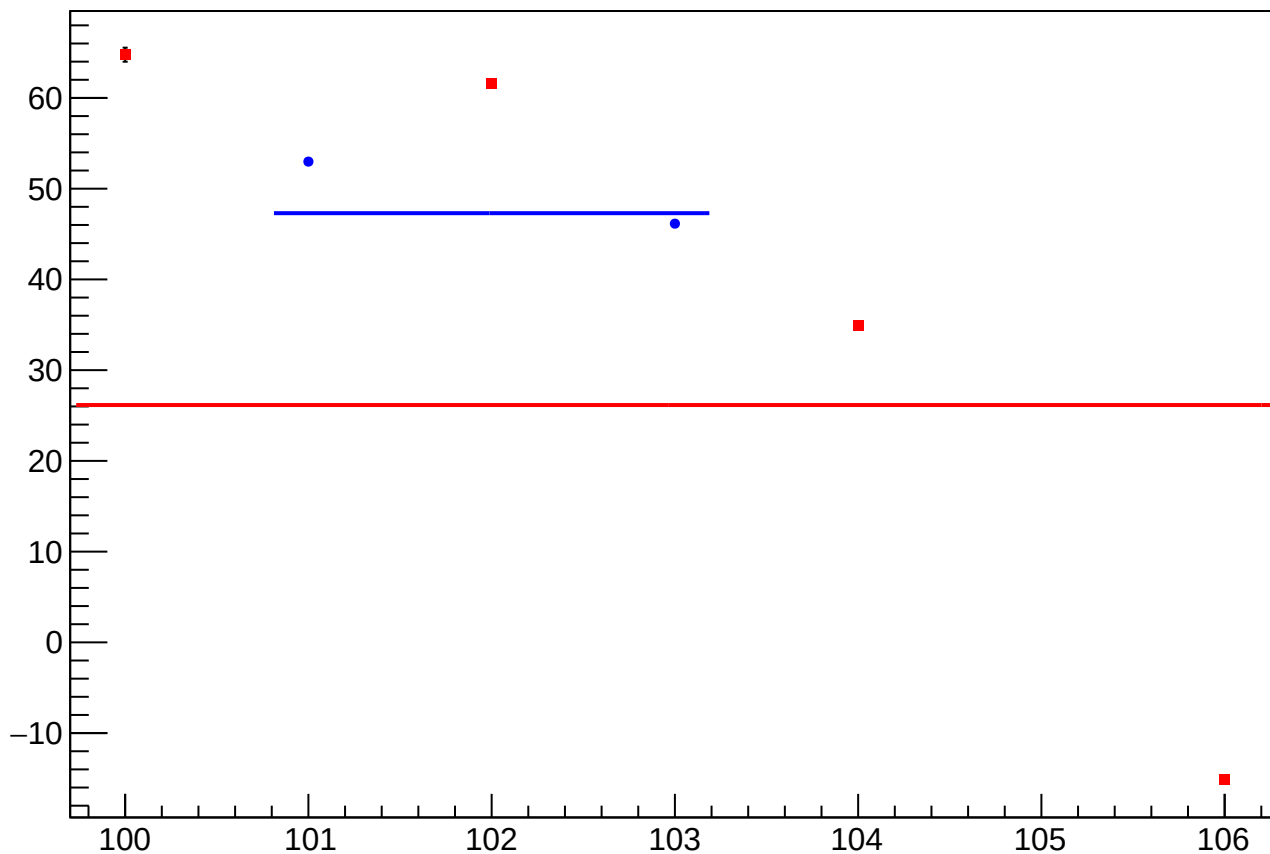
Right: -0.856 $\pm$ 1.644 χ^2 /NDF: 79.4/5

In: -8.530 $\pm$ 2.998 χ^2 /NDF:56.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.856 $\pm$ 1.644 χ^2 /NDF: 79.4/5

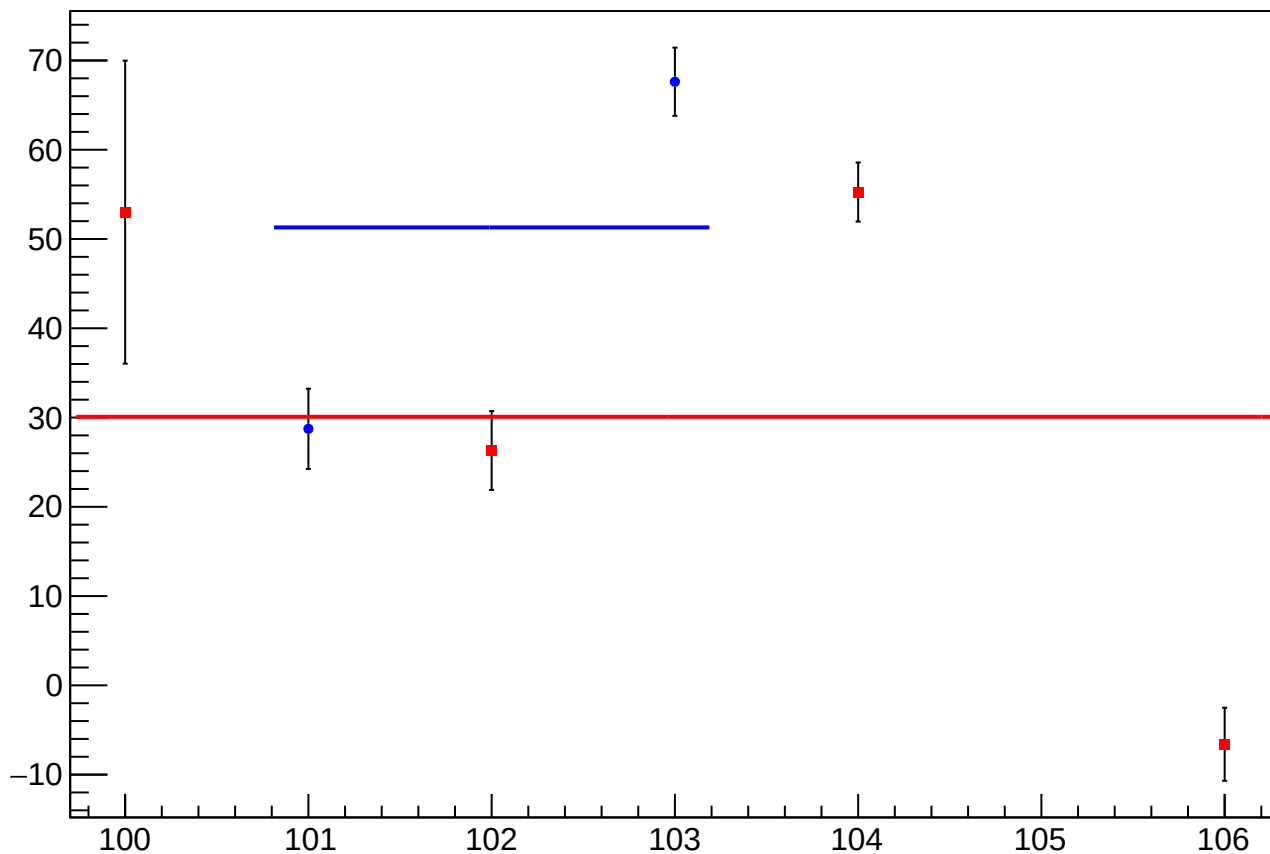
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 26.156+/-0.072 χ^2/NDF : 150177.3/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 34.551+/-0.056 χ^2/NDF : 184789.7/5
 In: 47.300+/-0.089 χ^2/NDF : 822.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 34.551+/-0.056 χ^2/NDF : 184789.7/5

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298 $\pm$ 2.910 χ^2 /NDF: 43.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.082 $\pm$ 2.205 χ^2 /NDF: 140.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

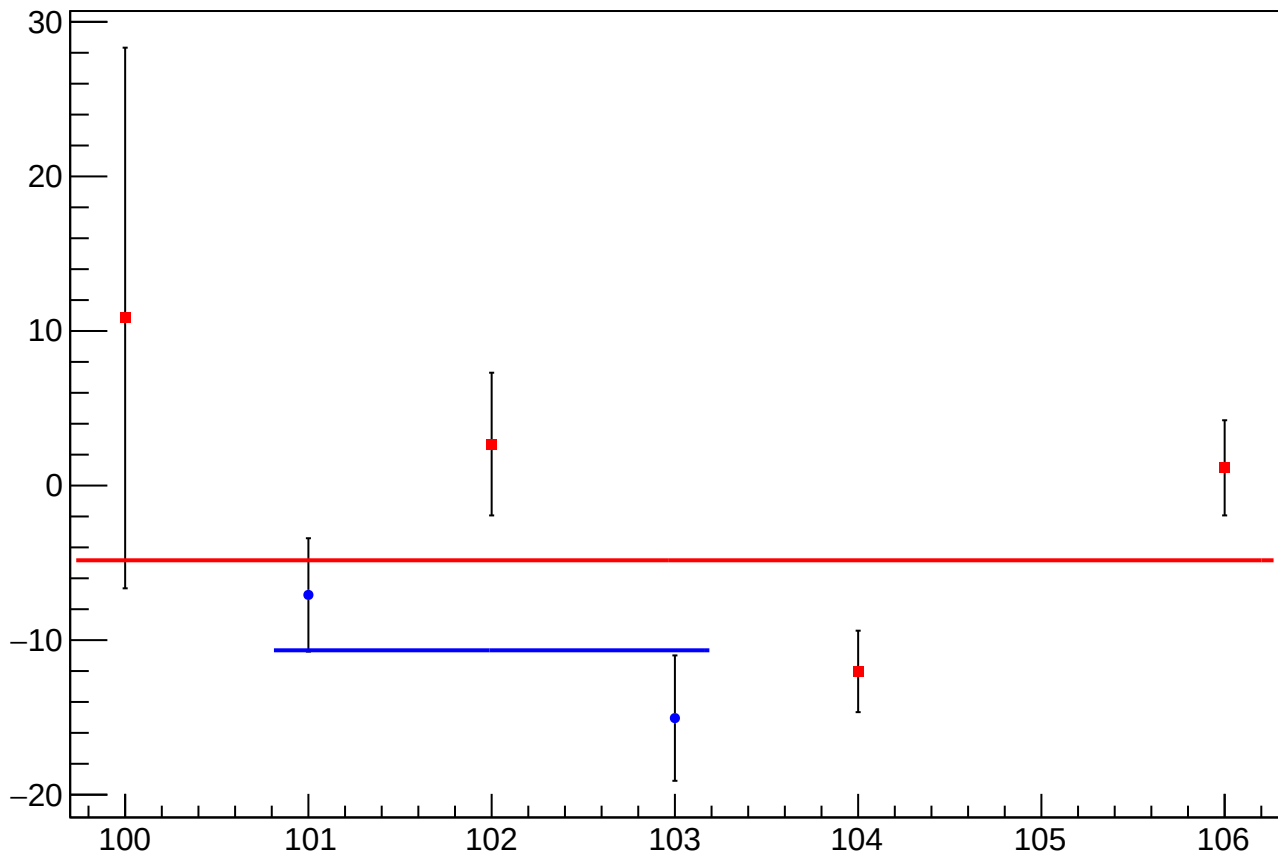
Right: 37.821 $\pm$ 1.758 χ^2 /NDF: 217.9/5

In: 51.298 $\pm$ 2.910 χ^2 /NDF: 43.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.821 $\pm$ 1.758 χ^2 /NDF: 217.9/5

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.835 $\pm$ 1.826 χ^2 /NDF: 14.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

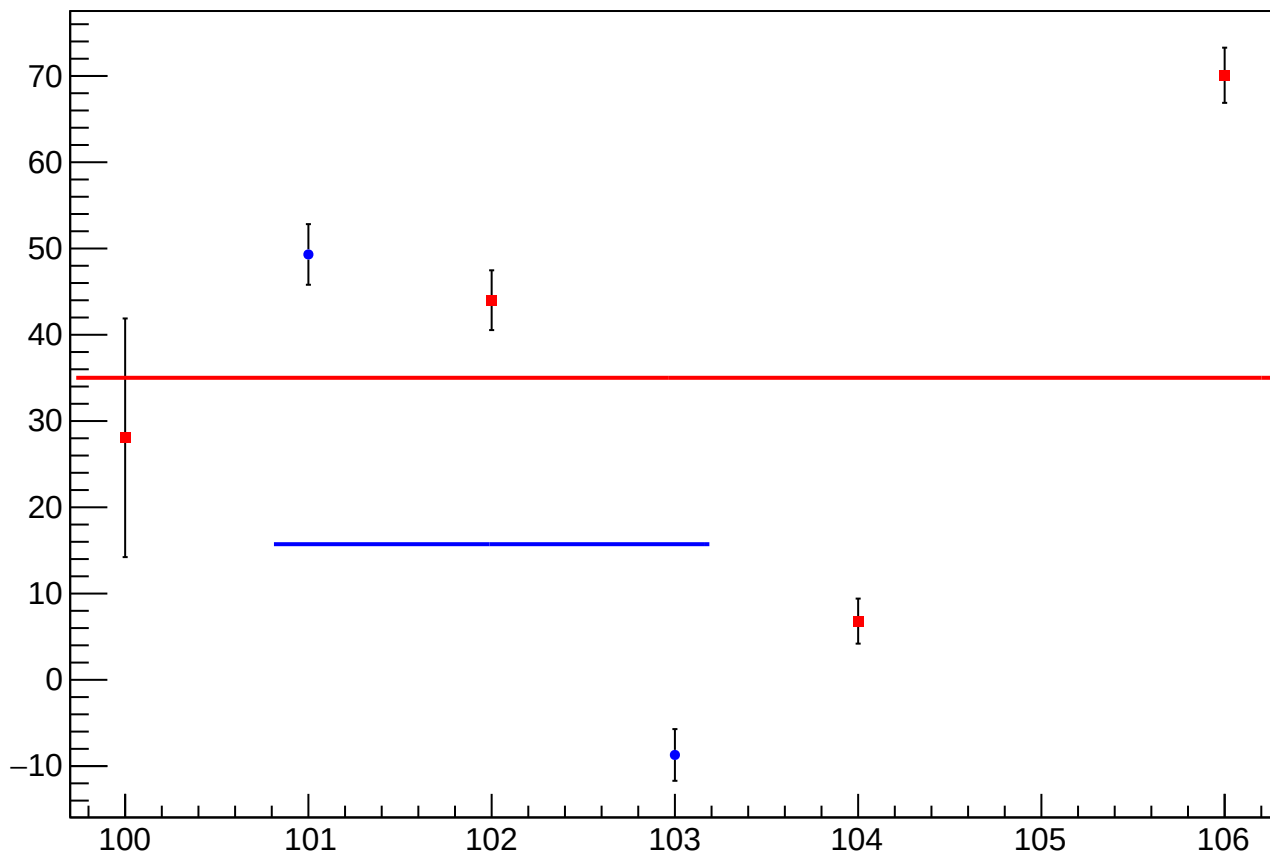
Right: -6.645 $\pm$ 1.516 χ^2 /NDF: 20.0/5

In: -10.659 $\pm$ 2.720 χ^2 /NDF: 2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.645 $\pm$ 1.516 χ^2 /NDF: 20.0/5

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724 $\pm$ 2.280 χ^2 /NDF: 157.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.013 $\pm$ 1.733 χ^2 /NDF: 244.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

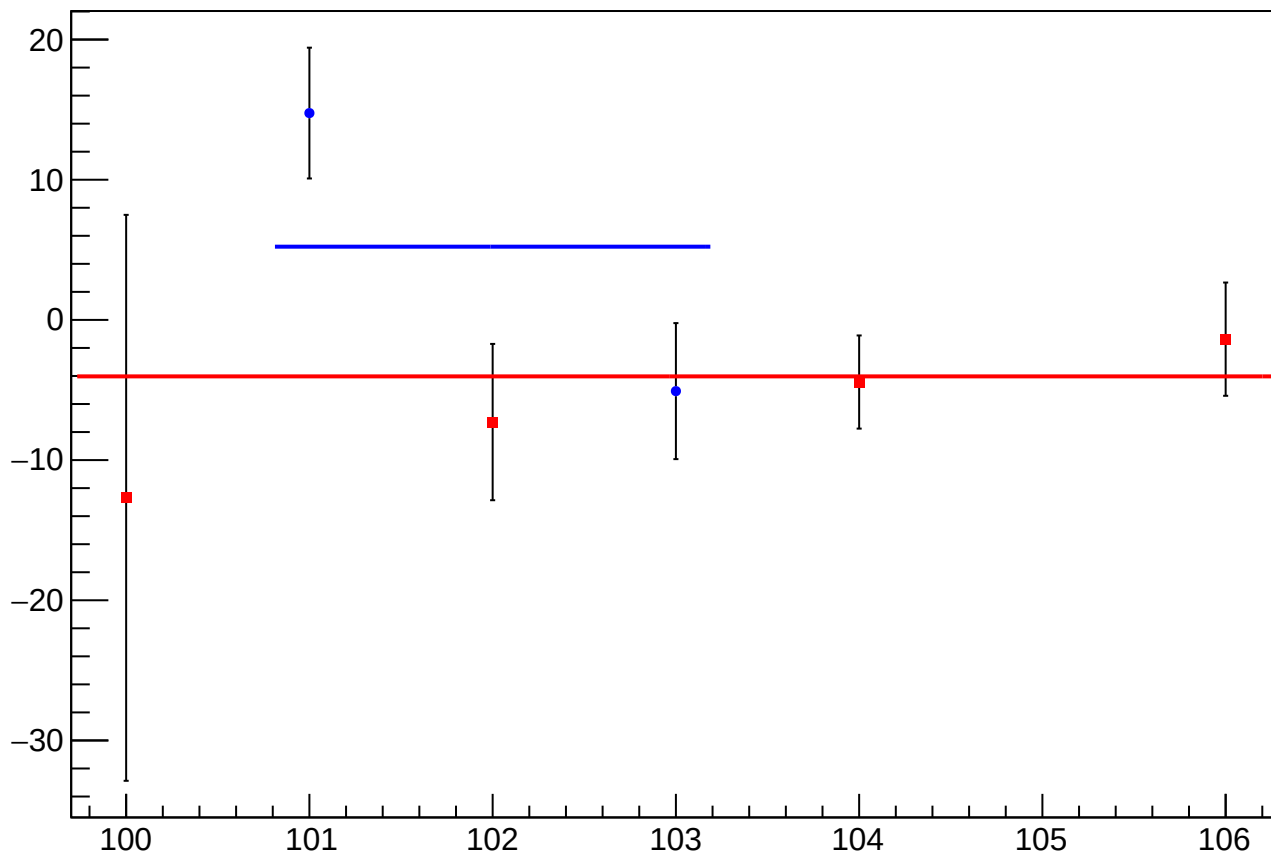
Right: 27.952 $\pm$ 1.380 χ^2 /NDF: 447.1/5

In: 15.724 $\pm$ 2.280 χ^2 /NDF: 157.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.952 $\pm$ 1.380 χ^2 /NDF: 447.1/5

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.028+/-2.316 χ^2/NDF : 1.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

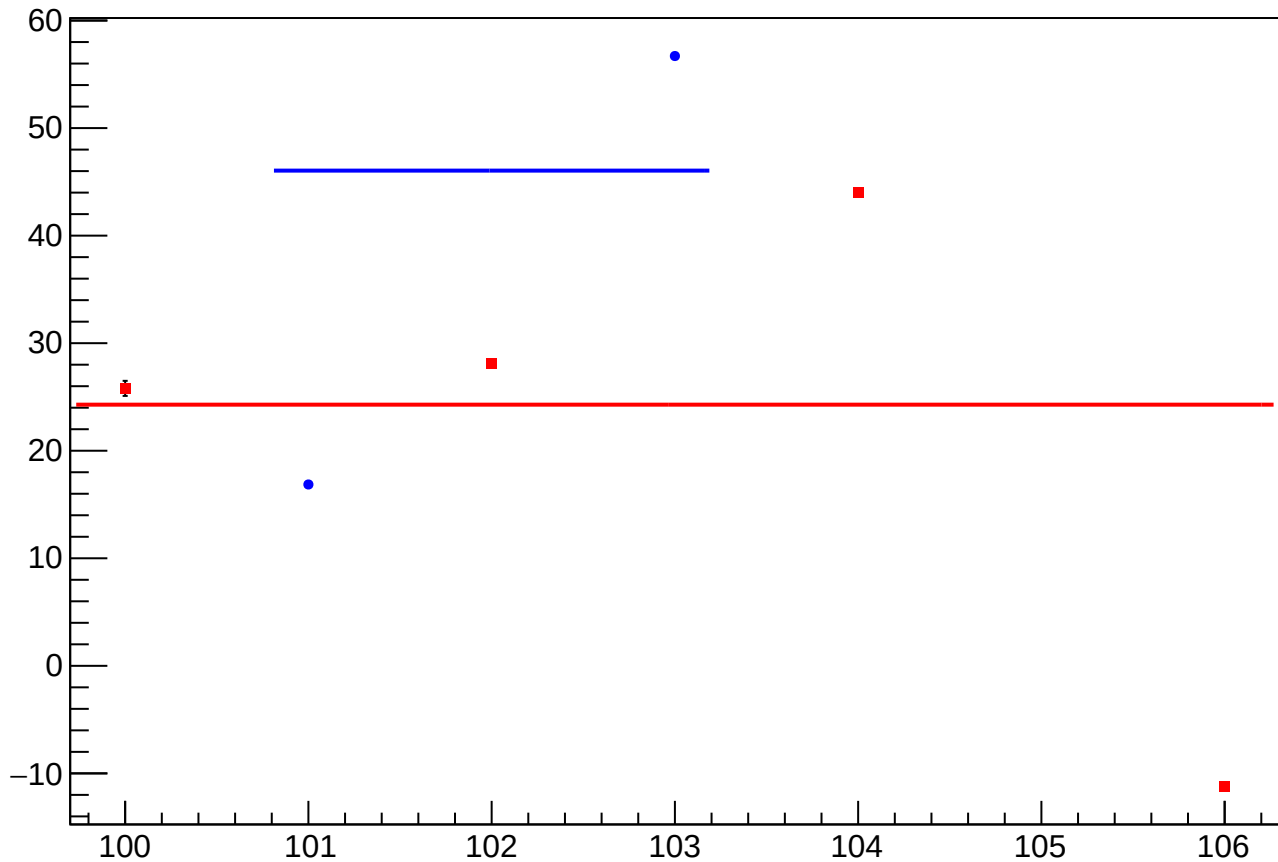
Right: -1.052+/-1.907 χ^2/NDF : 14.8/5

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.052+/-1.907 χ^2/NDF : 14.8/5

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.284+/-0.082 χ^2/NDF : 75088.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

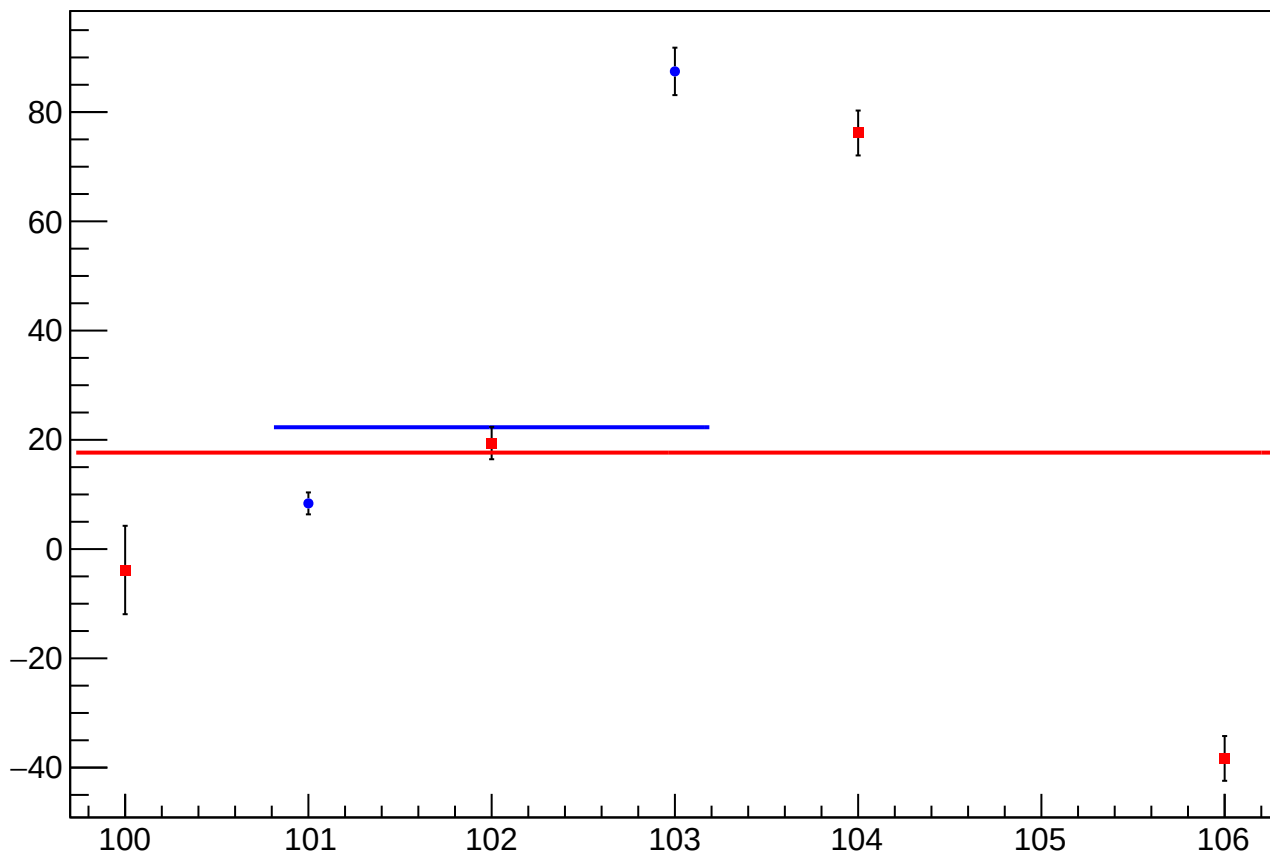
Right: 32.258+/-0.065 χ^2/NDF : 127771.7/5

In: 46.046+/-0.108 χ^2/NDF : 26811.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.258+/-0.065 χ^2/NDF : 127771.7/5

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.304+/-1.823 χ^2/NDF : 273.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.662+/-2.007 χ^2/NDF : 396.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

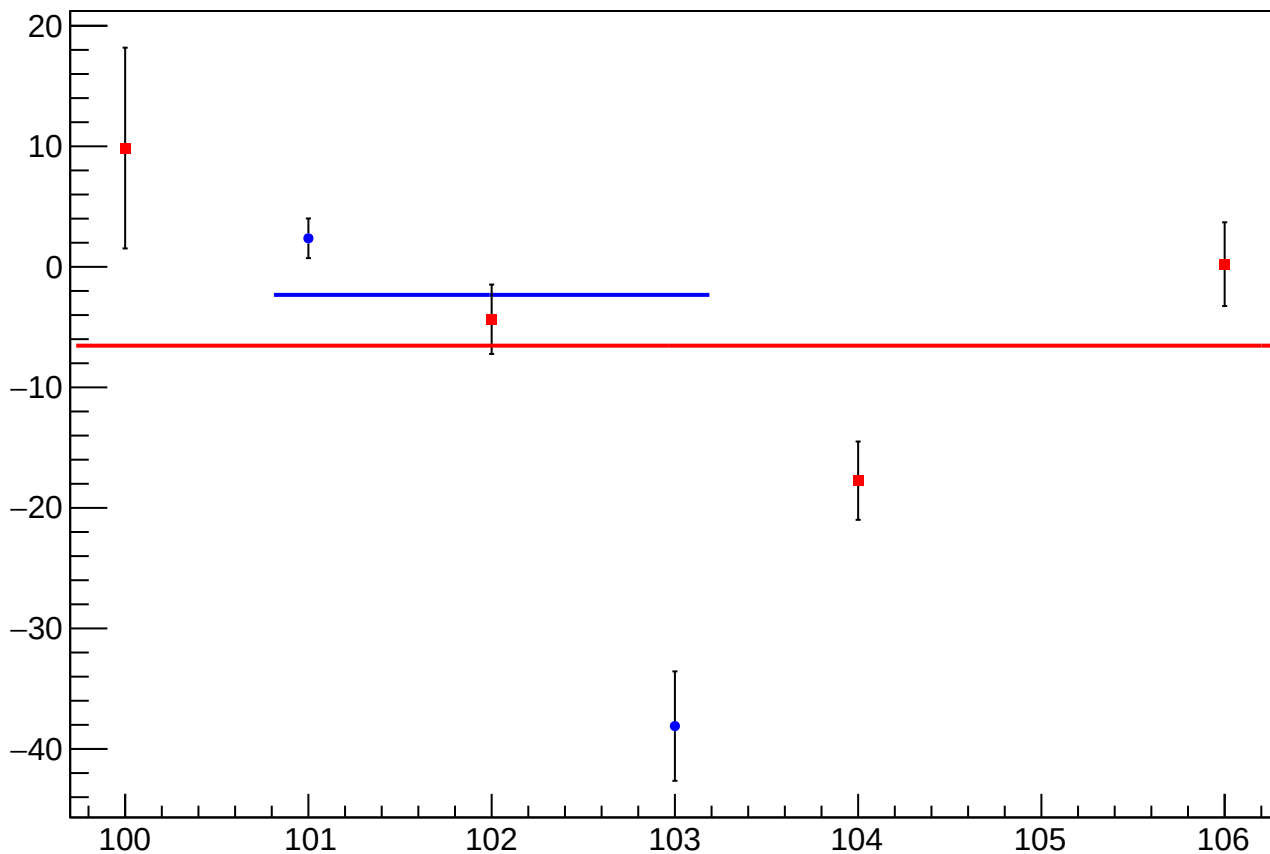
Right: 20.206+/-1.349 χ^2/NDF : 673.0/5

In: 22.304+/-1.823 χ^2/NDF : 273.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.206+/-1.349 χ^2/NDF : 673.0/5

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.326+/-1.546 χ^2/NDF : 70.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.538+/-1.788 χ^2/NDF : 20.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

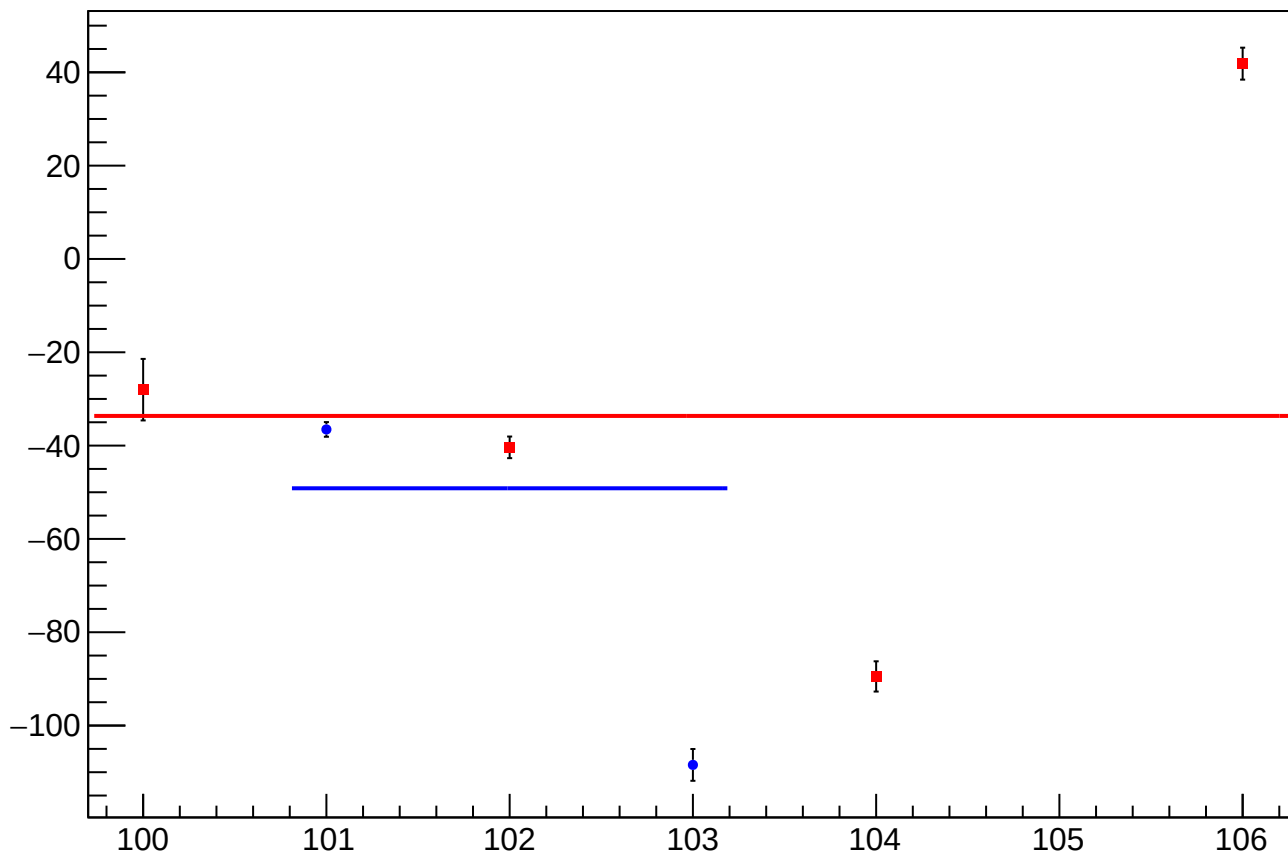
Right: -4.128+/-1.169 χ^2/NDF : 93.6/5

In: -2.326+/-1.546 χ^2/NDF : 70.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.128+/-1.169 χ^2/NDF : 93.6/5

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.149+/-1.427 χ^2/NDF : 367.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.641+/-1.601 χ^2/NDF : 791.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

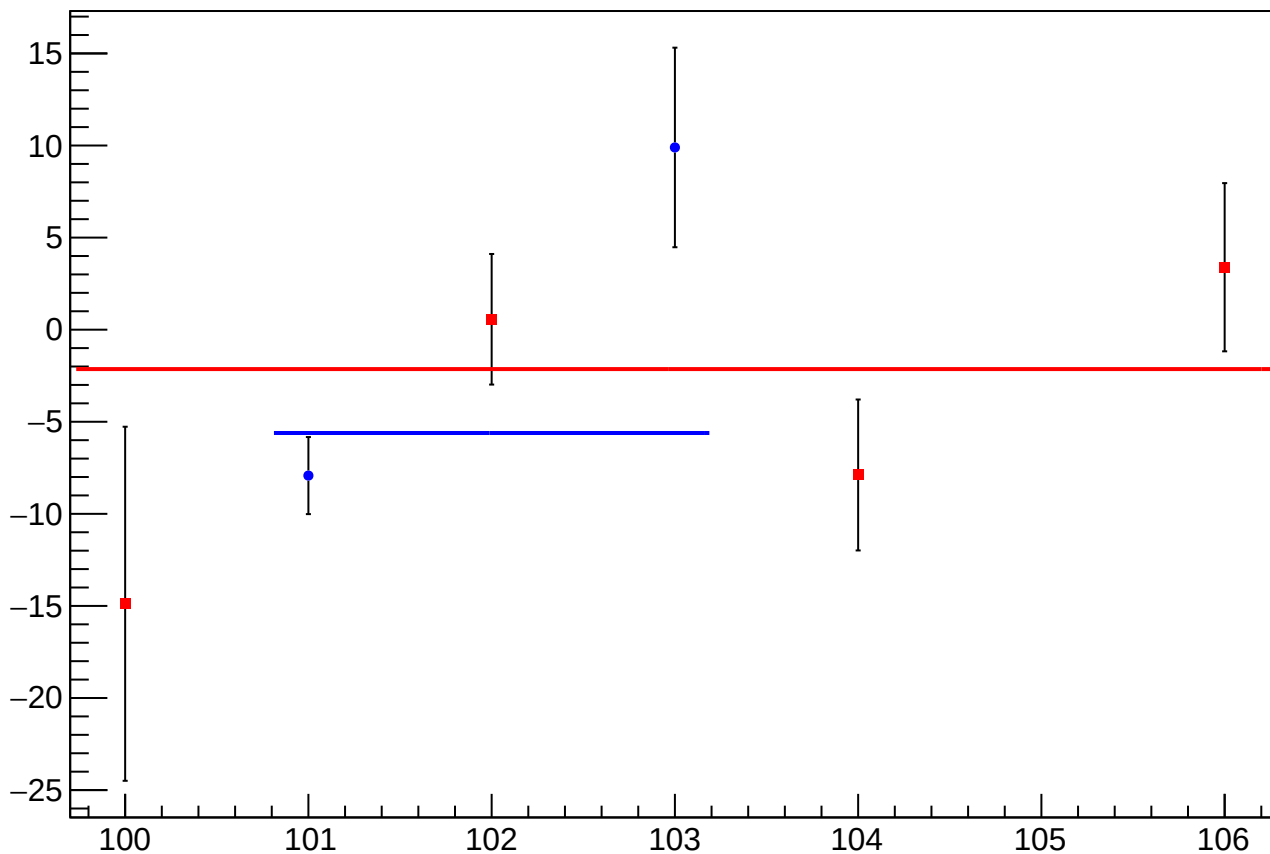
Right: -42.285+/-1.065 χ^2/NDF : 1211.2/5

In: -49.149+/-1.427 χ^2/NDF : 367.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.285+/-1.065 χ^2/NDF : 1211.2/5

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.610 $\pm$ 1.952 χ^2 /NDF: 9.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.139 $\pm$ 2.248 χ^2 /NDF: 5.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

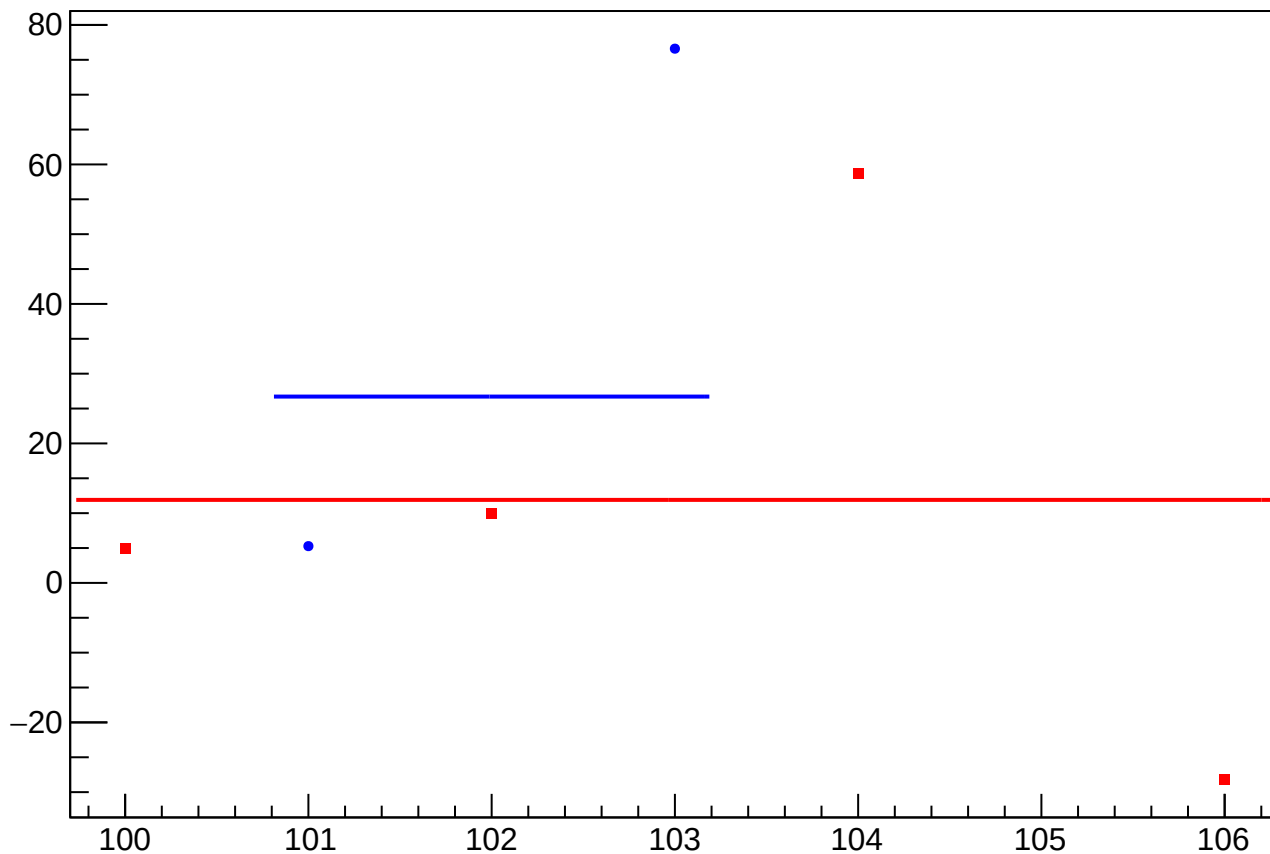
Right: -4.118 $\pm$ 1.474 χ^2 /NDF: 16.5/5

In: -5.610 $\pm$ 1.952 χ^2 /NDF:9.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.118 $\pm$ 1.474 χ^2 /NDF: 16.5/5

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.716+/-0.078 χ^2/NDF : 175162.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.903+/-0.074 χ^2/NDF : 156780.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

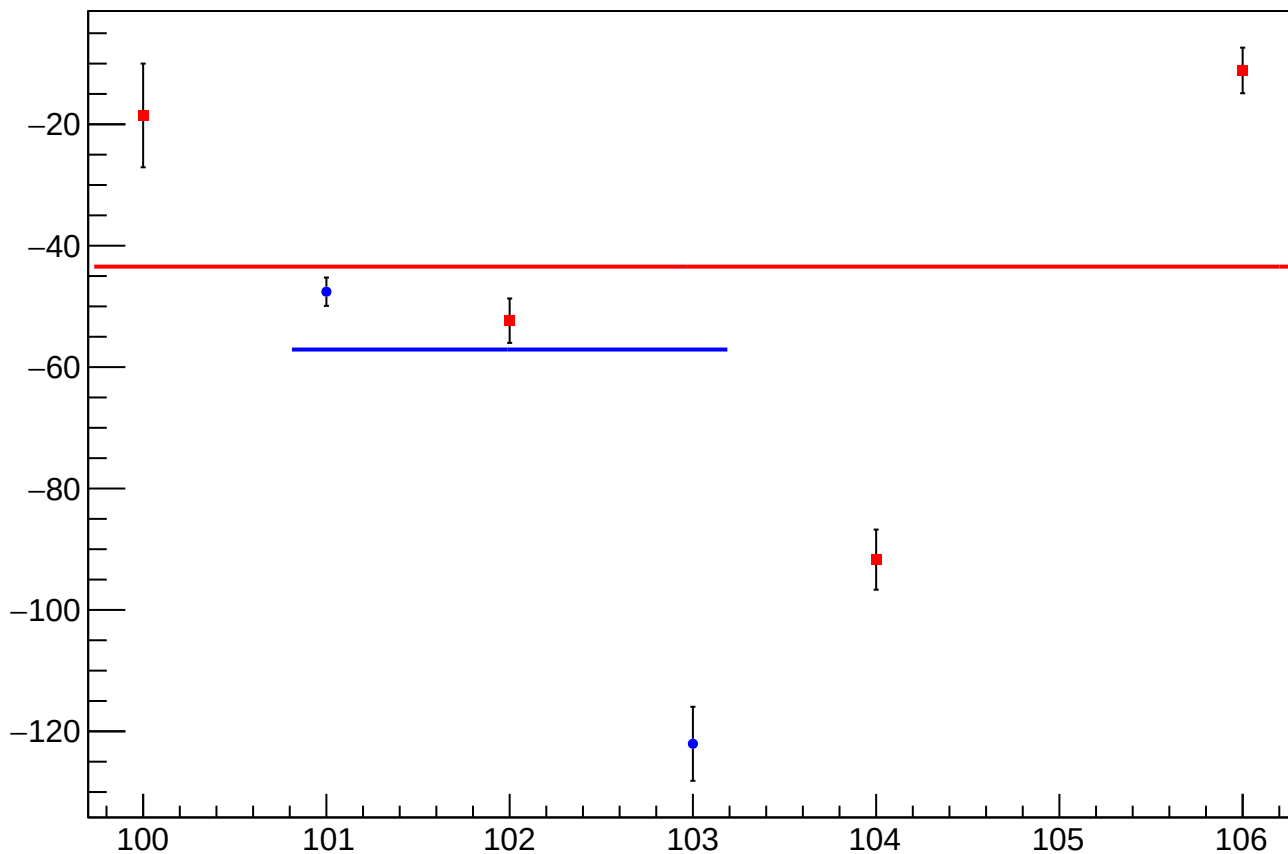
Right: 18.882+/-0.054 χ^2/NDF : 350945.2/5

In: 26.716+/-0.078 χ^2/NDF : 175162.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.882+/-0.054 χ^2/NDF : 350945.2/5

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -57.104+/-2.181 χ^2/NDF : 130.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.445+/-2.235 χ^2/NDF : 183.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

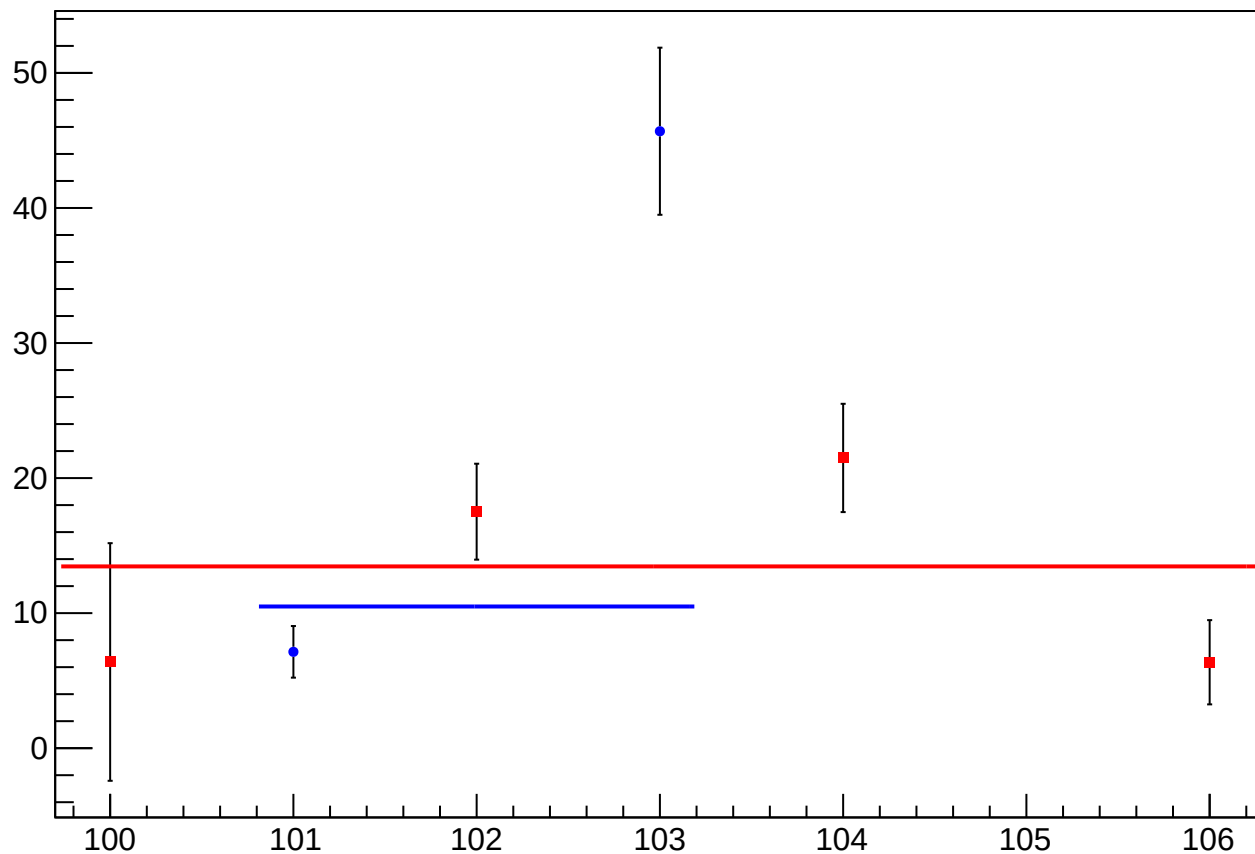
Right: -50.443+/-1.561 χ^2/NDF : 332.8/5

In: -57.104+/-2.181 χ^2/NDF : 130.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.443+/-1.561 χ^2/NDF : 332.8/5

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.492 $\pm$ 1.826 χ^2 /NDF: 35.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.459 $\pm$ 1.972 χ^2 /NDF: 11.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

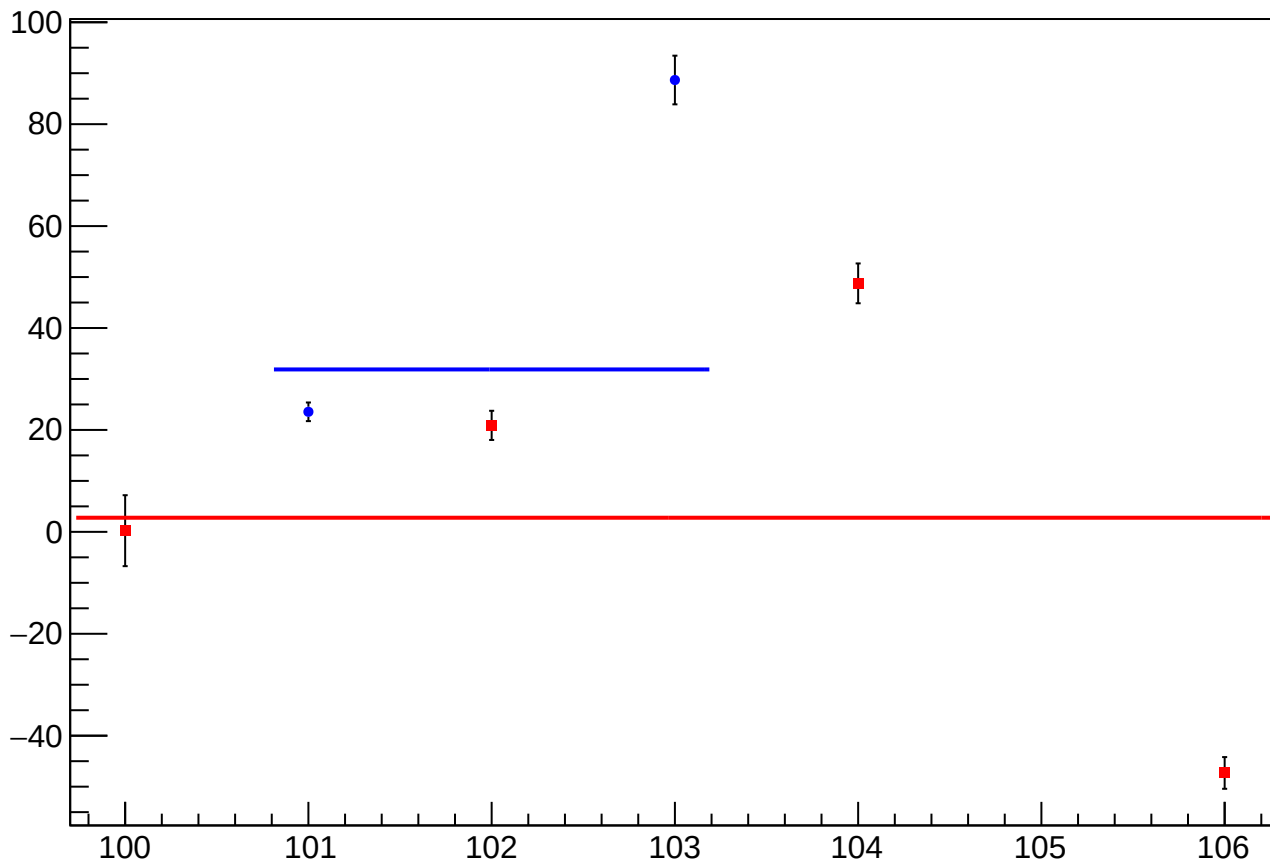
Right: 11.862 $\pm$ 1.340 χ^2 /NDF: 47.8/5

In: 10.492 $\pm$ 1.826 χ^2 /NDF: 35.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.862 $\pm$ 1.340 χ^2 /NDF: 47.8/5

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.871 ± 1.707 $\chi^2/\text{NDF}: 162.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.773 ± 1.792 $\chi^2/\text{NDF}: 437.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

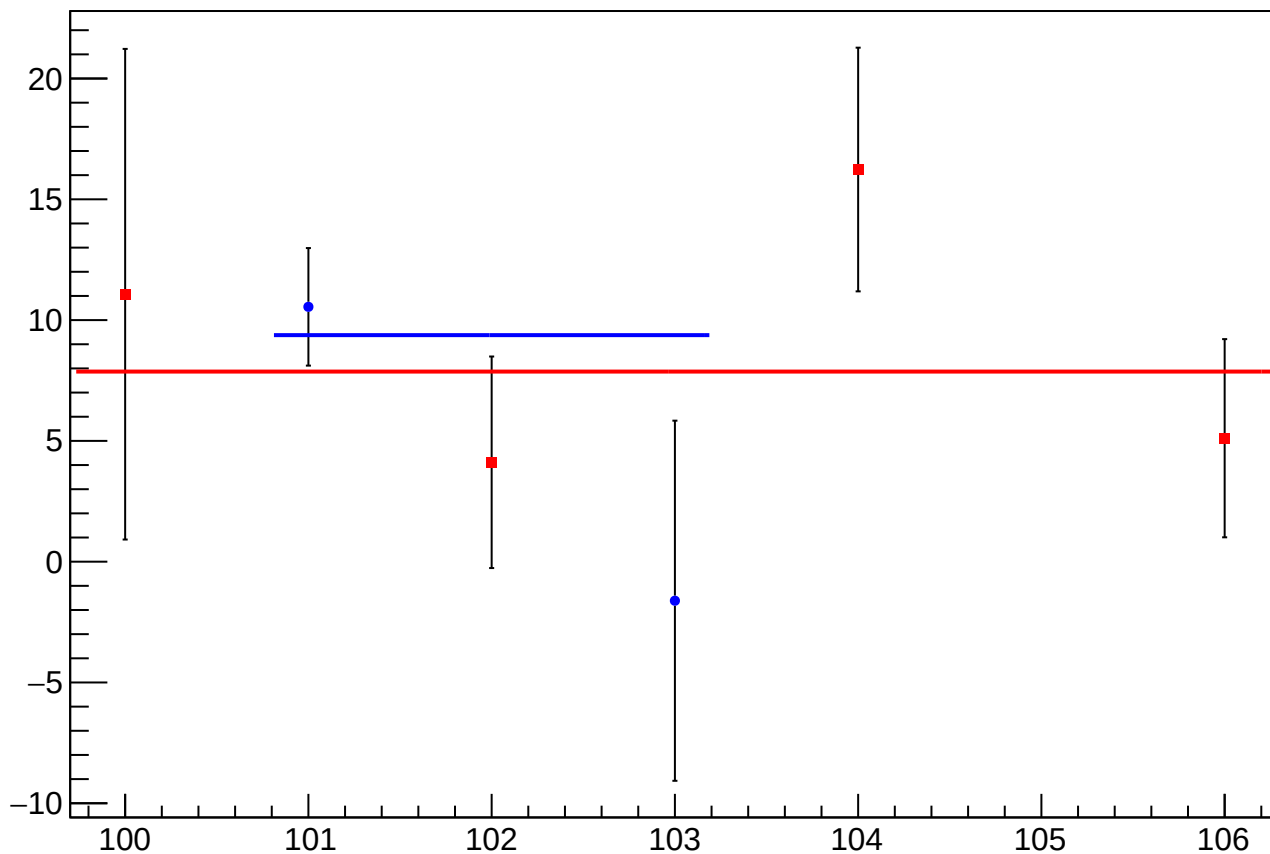
Right: 18.031 ± 1.236 $\chi^2/\text{NDF}: 738.1/5$

In: 31.871 ± 1.707 $\chi^2/\text{NDF}: 162.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 18.031 ± 1.236 $\chi^2/\text{NDF}: 738.1/5$

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.378 $\pm$ 2.313 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.869 $\pm$ 2.495 χ^2 /NDF: 4.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

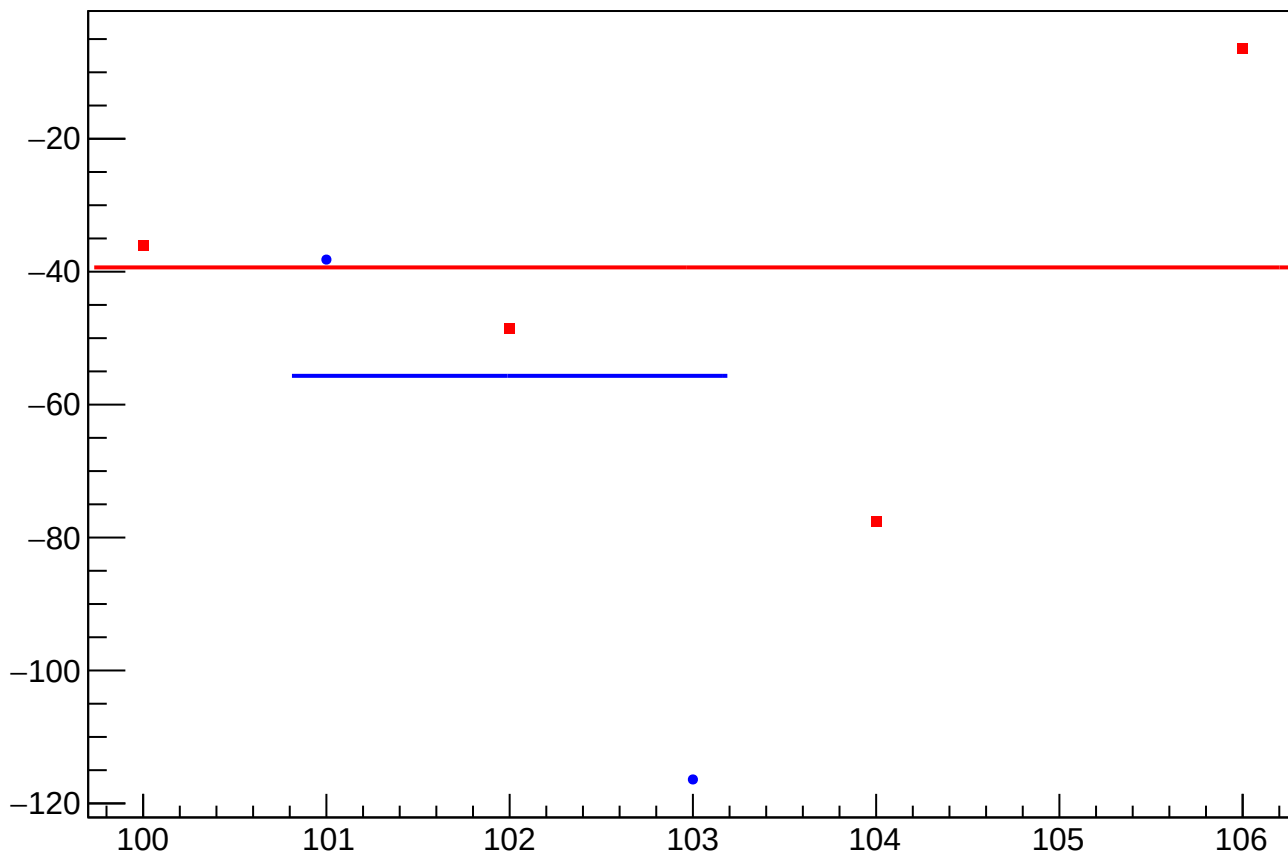
Right: 8.681 $\pm$ 1.696 χ^2 /NDF: 6.6/5

In: 9.378 $\pm$ 2.313 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.681 $\pm$ 1.696 χ^2 /NDF: 6.6/5

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -55.669 $\pm$ 0.096 χ^2 /NDF: 115564.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.355 $\pm$ 0.083 χ^2 /NDF: 97873.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

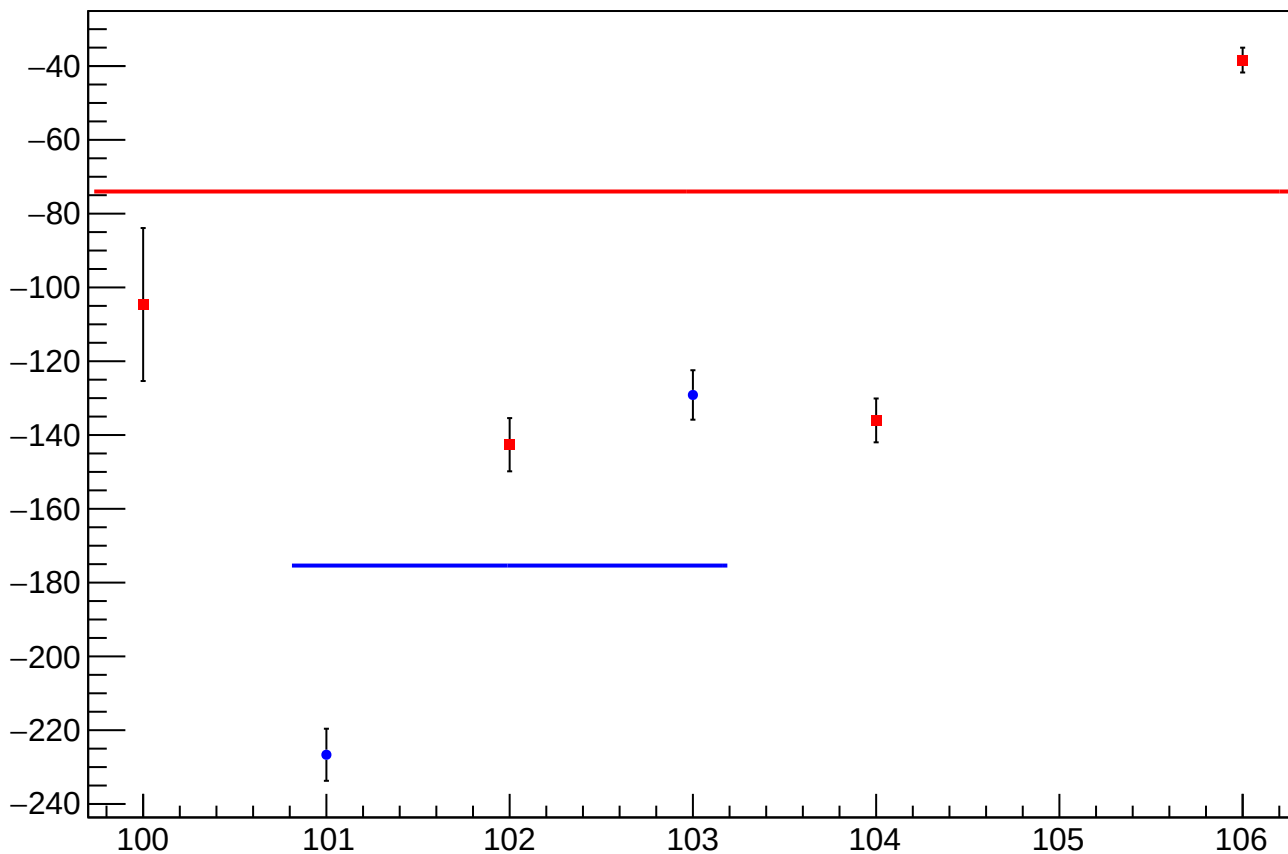
Right: -46.370 $\pm$ 0.063 χ^2 /NDF: 229943.2/5

In: -55.669 $\pm$ 0.096 χ^2 /NDF:115564.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -46.370 $\pm$ 0.063 χ^2 /NDF: 229943.2/5

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -175.380+/-4.860 χ^2/NDF : 100.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.998+/-2.690 χ^2/NDF : 313.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

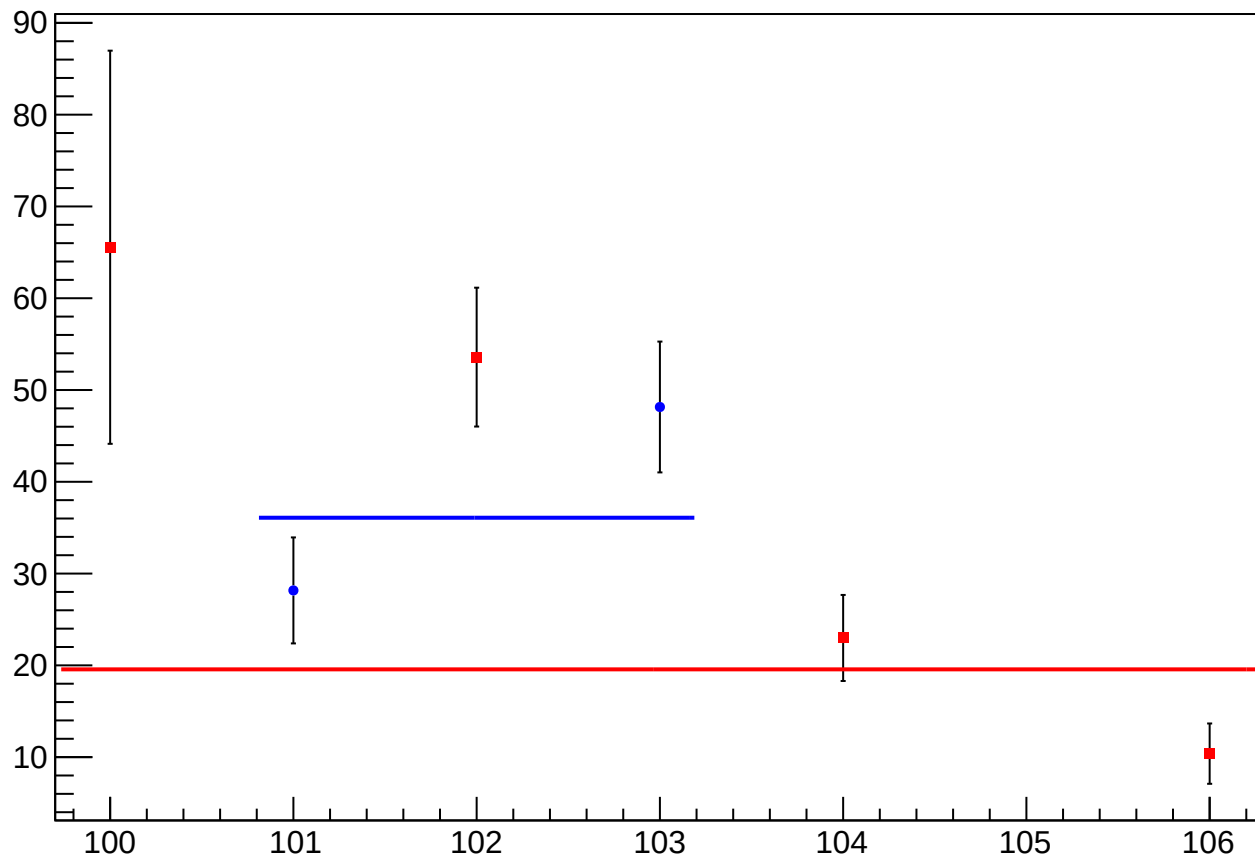
Right: -97.767+/-2.353 χ^2/NDF : 747.4/5

In: -175.380+/-4.860 χ^2/NDF : 100.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.767+/-2.353 χ^2/NDF : 747.4/5

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.085 $\pm$ 4.486 χ^2 /NDF: 4.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.564 $\pm$ 2.517 χ^2 /NDF: 33.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

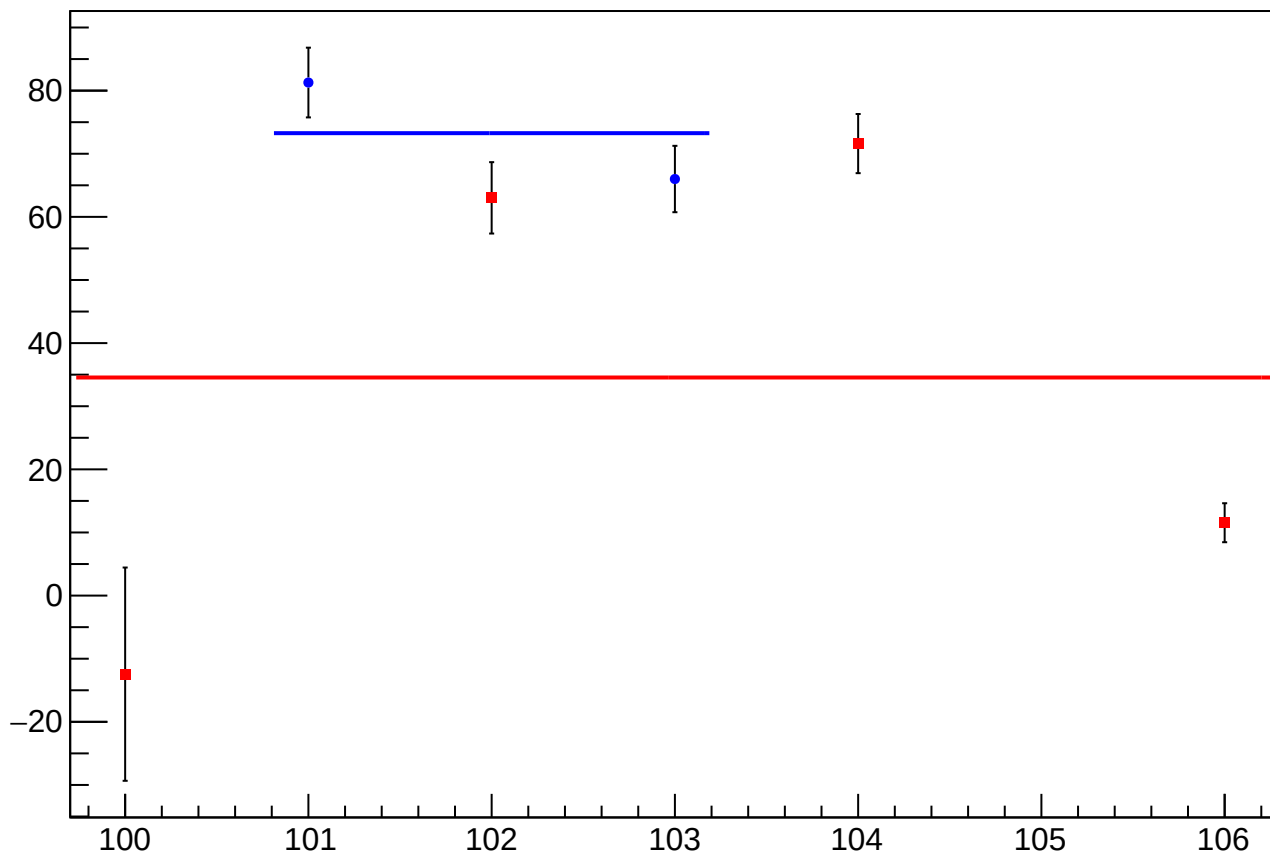
Right: 23.520 $\pm$ 2.195 χ^2 /NDF: 48.2/5

In: 36.085 $\pm$ 4.486 χ^2 /NDF: 4.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.520 $\pm$ 2.195 χ^2 /NDF: 48.2/5

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 73.261+/-3.809 χ^2 /NDF: 4.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 34.551+/-2.324 χ^2 /NDF: 151.1/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

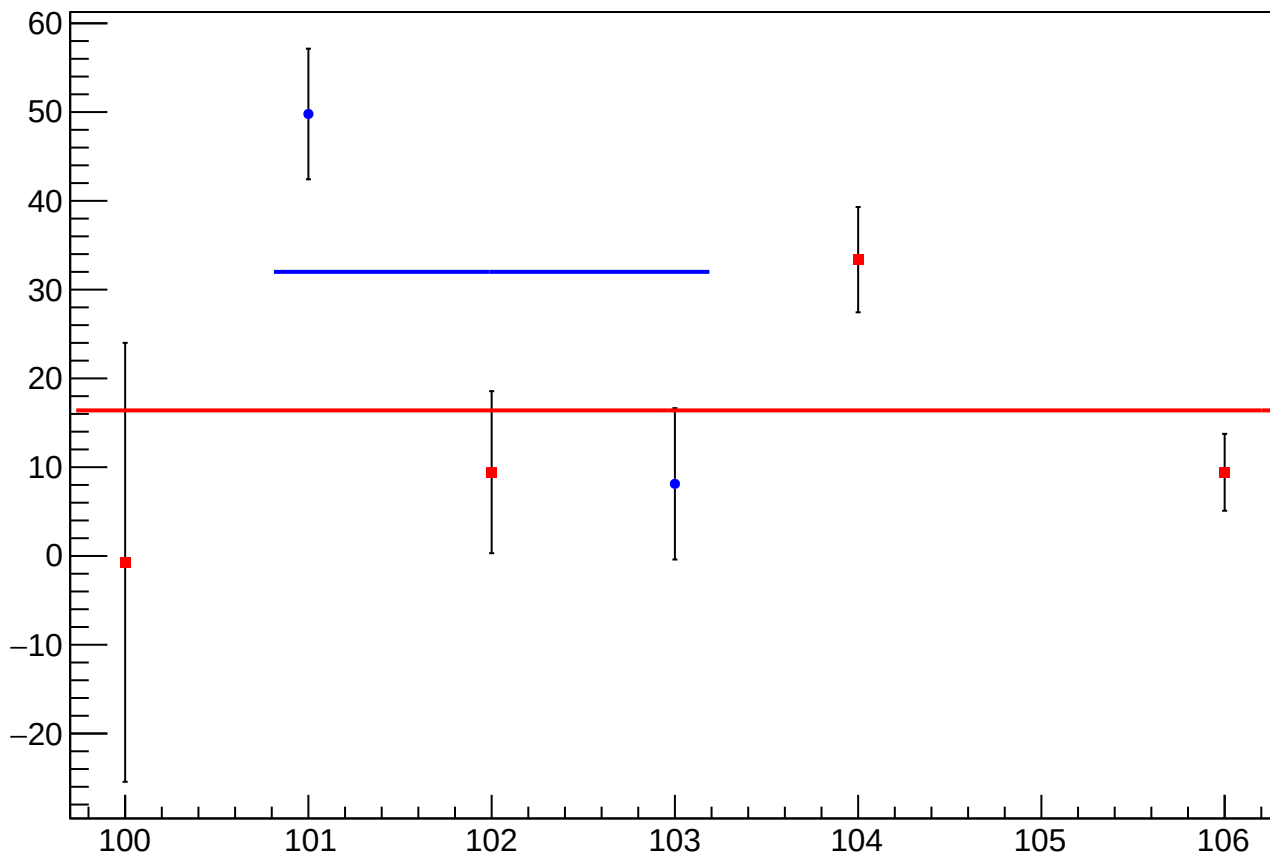
Right: 45.051+/-1.984 χ^2 /NDF: 230.4/5

In: 73.261+/-3.809 χ^2 /NDF:4.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 45.051+/-1.984 χ^2 /NDF: 230.4/5

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.002 $\pm$ 5.570 χ^2 /NDF: 13.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.396 $\pm$ 3.238 χ^2 /NDF: 11.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

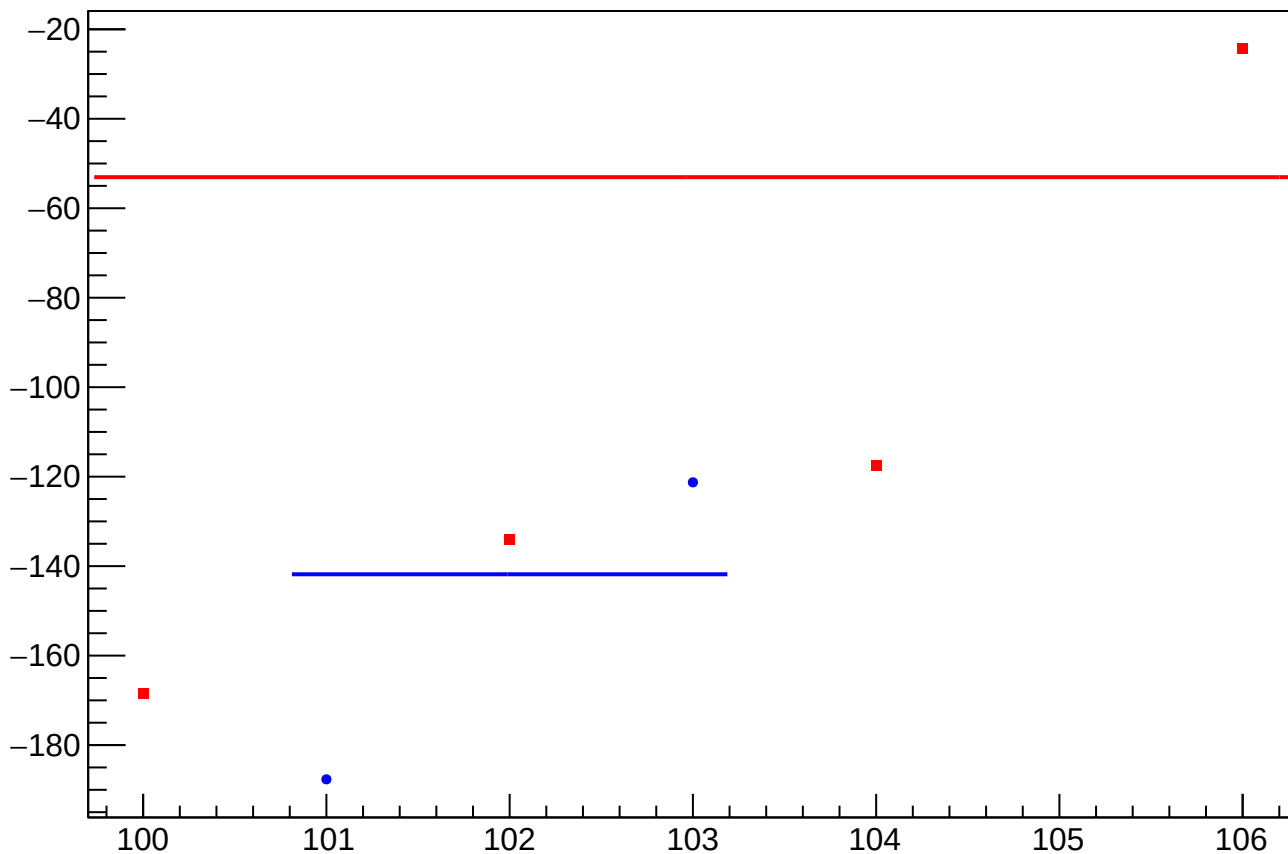
Right: 20.337 $\pm$ 2.799 χ^2 /NDF: 31.4/5

In: 32.002 $\pm$ 5.570 χ^2 /NDF: 13.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.337 $\pm$ 2.799 χ^2 /NDF: 31.4/5

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -141.820+/-0.184 χ^2/NDF : 27944.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.051+/-0.087 χ^2/NDF : 288606.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

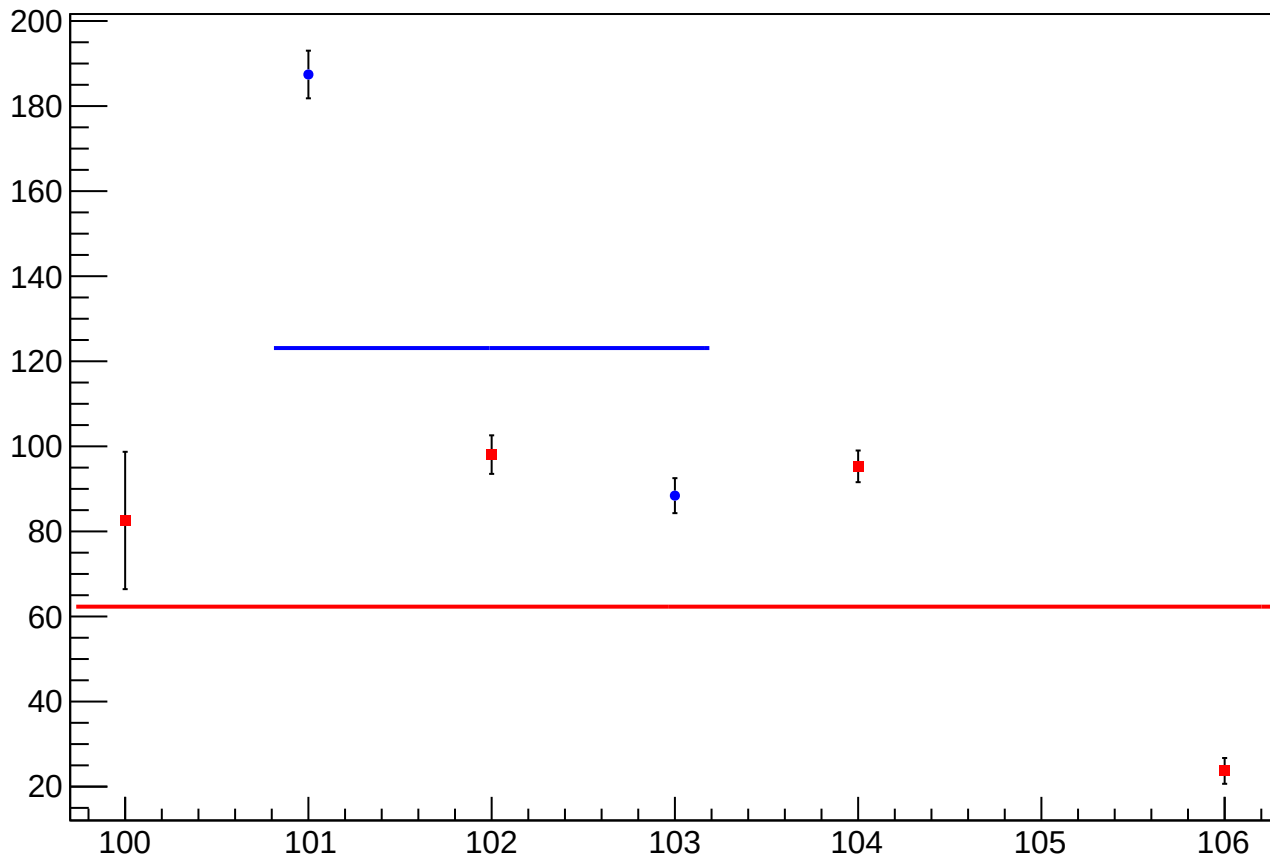
Right: -69.197+/-0.078 χ^2/NDF : 507834.5/5

In: -141.820+/-0.184 χ^2/NDF : 27944.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.197+/-0.078 χ^2/NDF : 507834.5/5

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 123.108 ± 3.316 $\chi^2/\text{NDF}: 203.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 62.311 ± 2.070 $\chi^2/\text{NDF}: 304.5/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

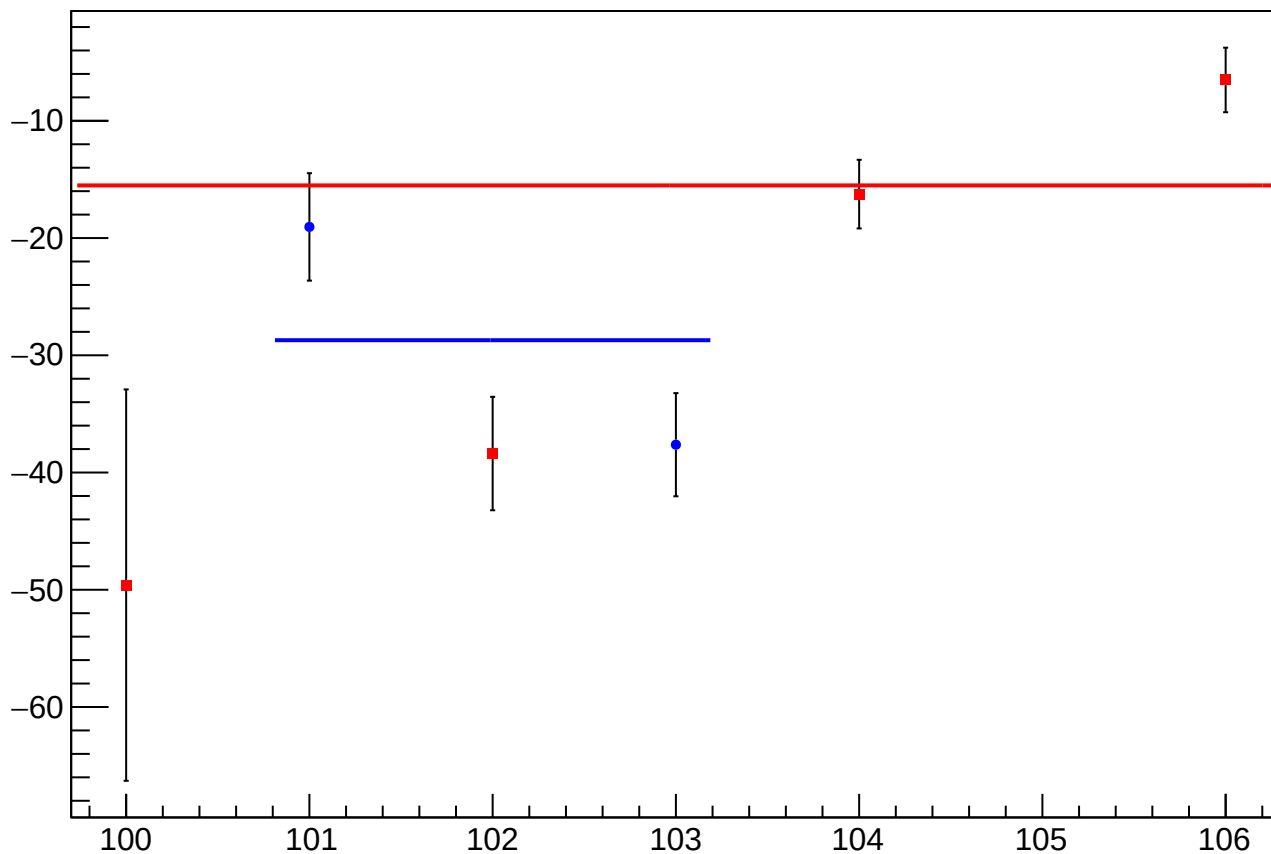
Right: 79.357 ± 1.756 $\chi^2/\text{NDF}: 749.3/5$

In: 123.108 ± 3.316 $\chi^2/\text{NDF}: 203.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 79.357 ± 1.756 $\chi^2/\text{NDF}: 749.3/5$

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.714 ± 3.174 χ^2/NDF : 8.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.509 ± 1.842 χ^2/NDF : 37.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

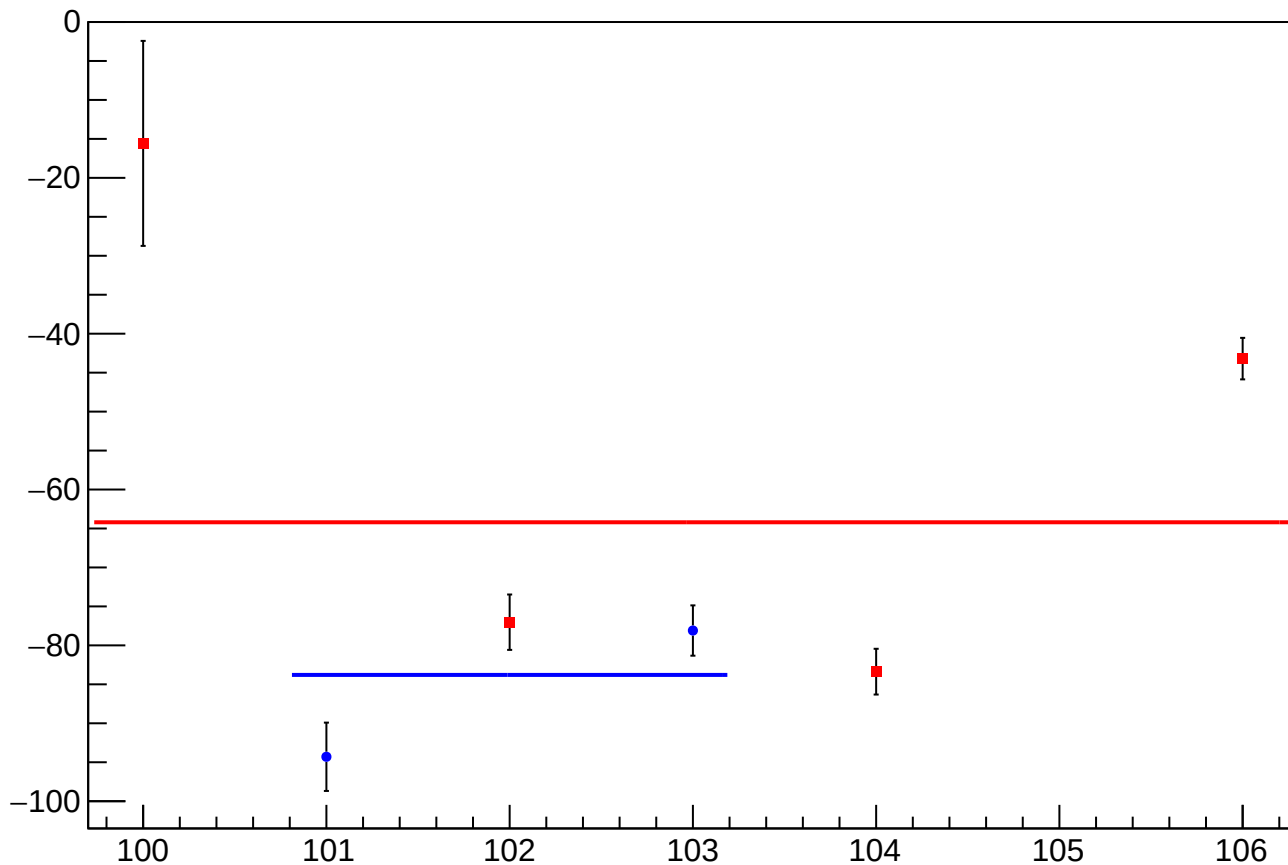
Right: -18.835 ± 1.593 χ^2/NDF : 58.7/5

In: -28.714 ± 3.174 χ^2/NDF : 8.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.835 ± 1.593 χ^2/NDF : 58.7/5

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -83.792 $\pm$ 2.600 χ^2 /NDF: 8.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.202 $\pm$ 1.710 χ^2 /NDF: 131.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

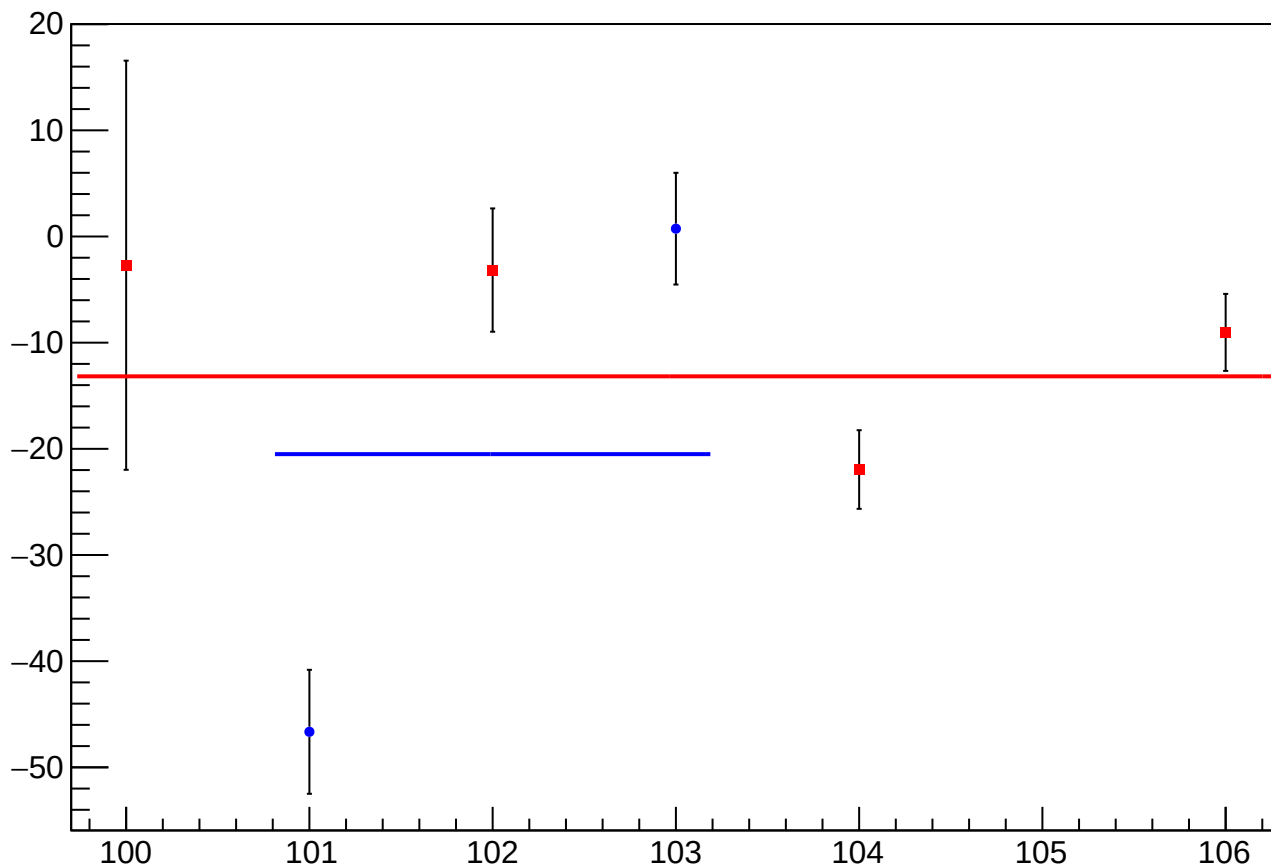
Right: -70.120 $\pm$ 1.429 χ^2 /NDF: 180.0/5

In: -83.792 $\pm$ 2.600 χ^2 /NDF: 8.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.120 $\pm$ 1.429 χ^2 /NDF: 180.0/5

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.500+/-3.909 χ^2/NDF : 36.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.171+/-2.348 χ^2/NDF : 10.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

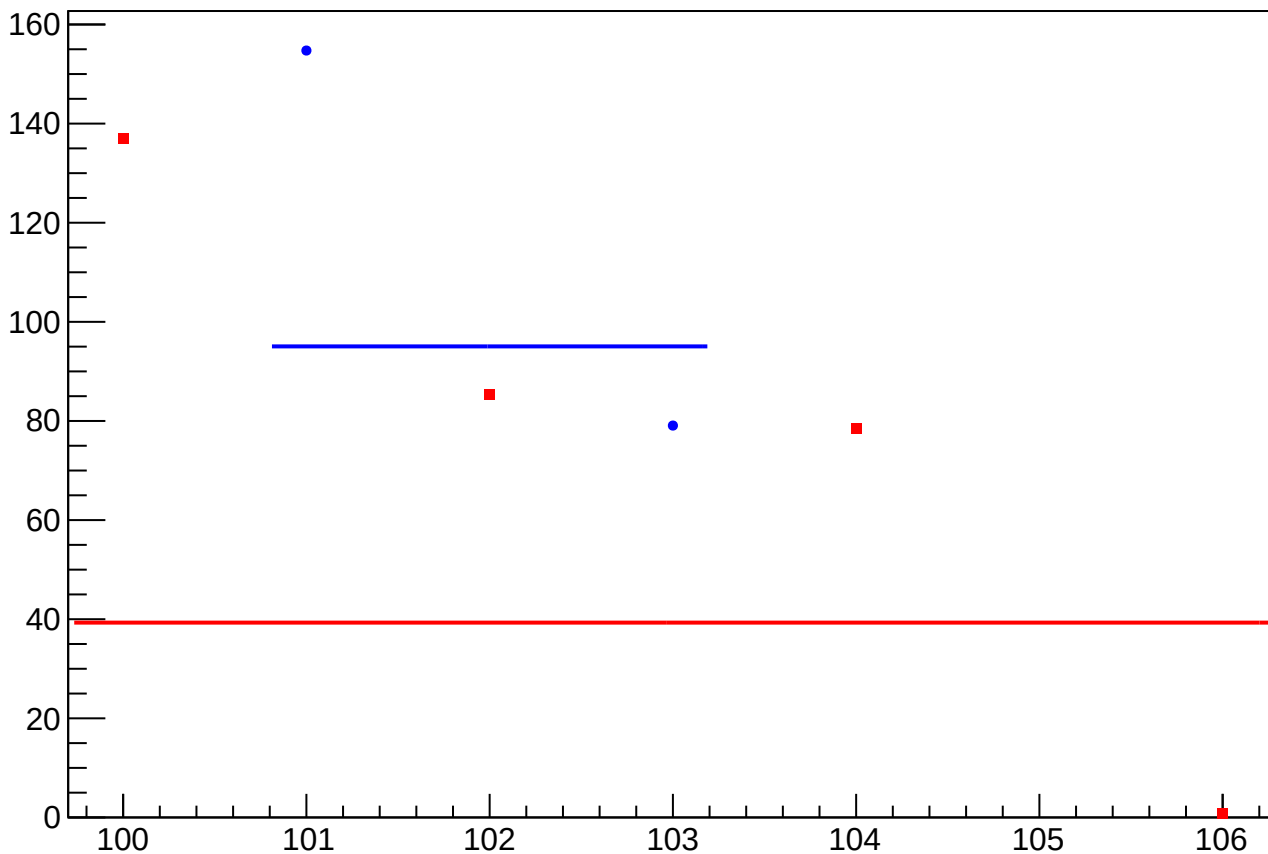
Right: -15.115+/-2.013 χ^2/NDF : 49.1/5

In: -20.500+/-3.909 χ^2/NDF : 36.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.115+/-2.013 χ^2/NDF : 49.1/5

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.047+/-0.120 χ^2/NDF : 65853.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.314+/-0.070 χ^2/NDF : 347414.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

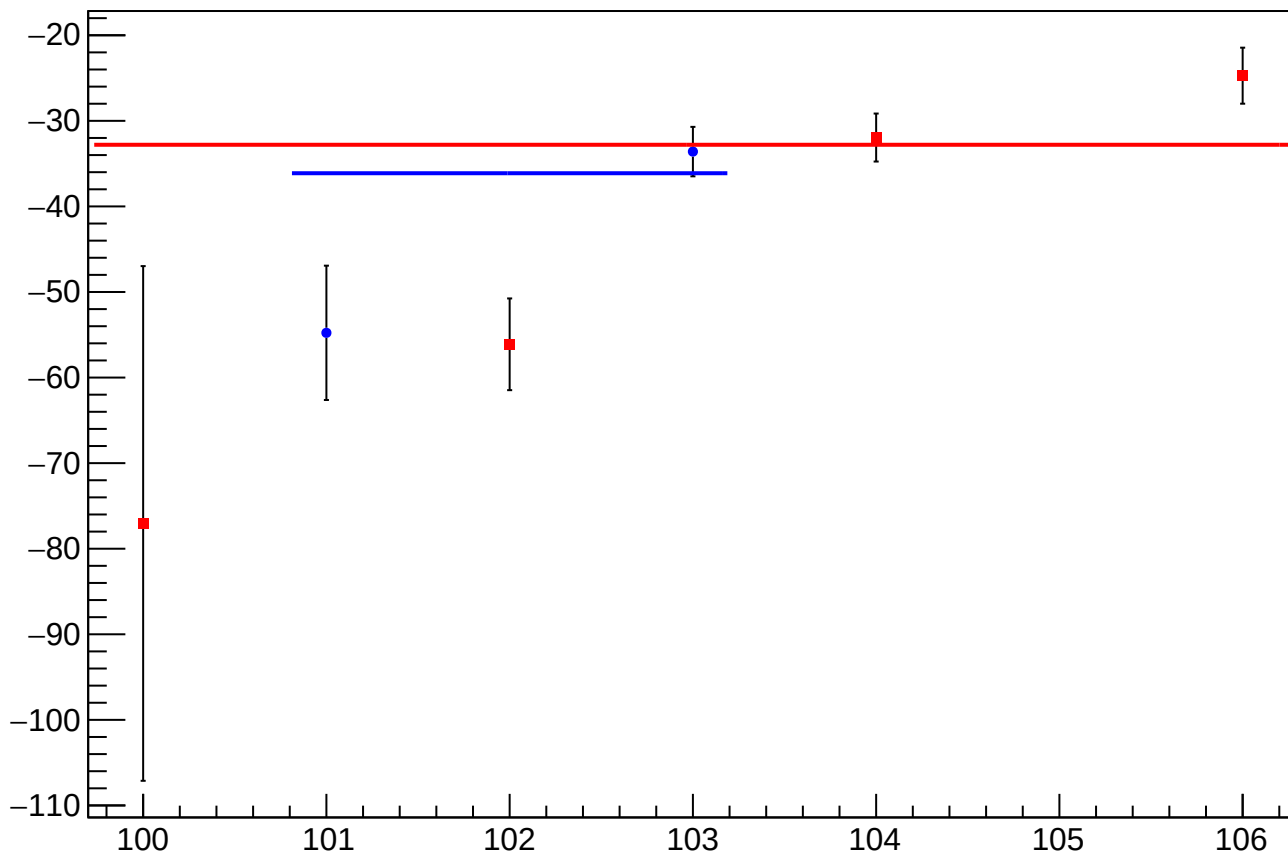
Right: 53.497+/-0.061 χ^2/NDF : 573171.6/5

In: 95.047+/-0.120 χ^2/NDF : 65853.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.497+/-0.061 χ^2/NDF : 573171.6/5

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.122 ± 2.712 χ^2/NDF : 6.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.796 ± 1.975 χ^2/NDF : 27.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

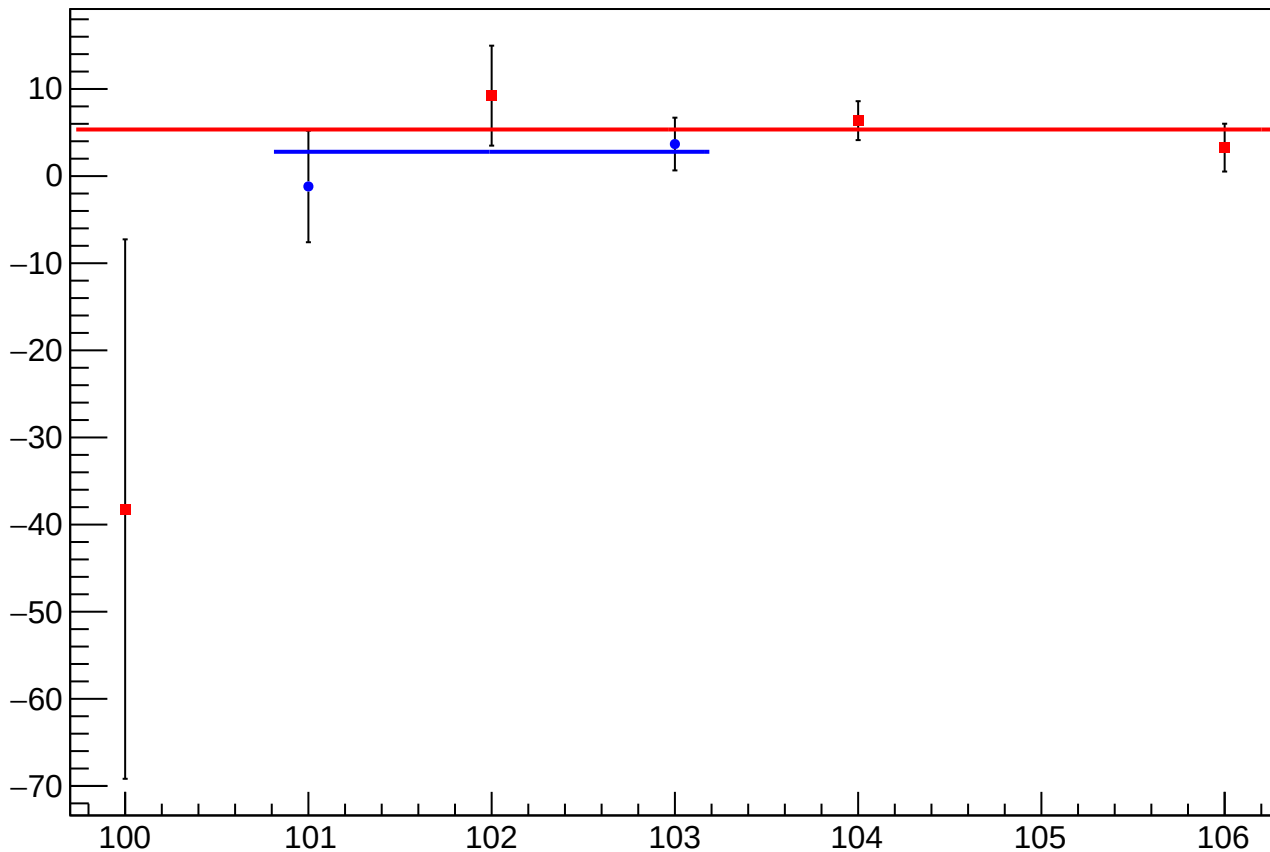
Right: -33.949 ± 1.596 χ^2/NDF : 34.7/5

In: -36.122 ± 2.712 χ^2/NDF : 6.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.949 ± 1.596 χ^2/NDF : 34.7/5

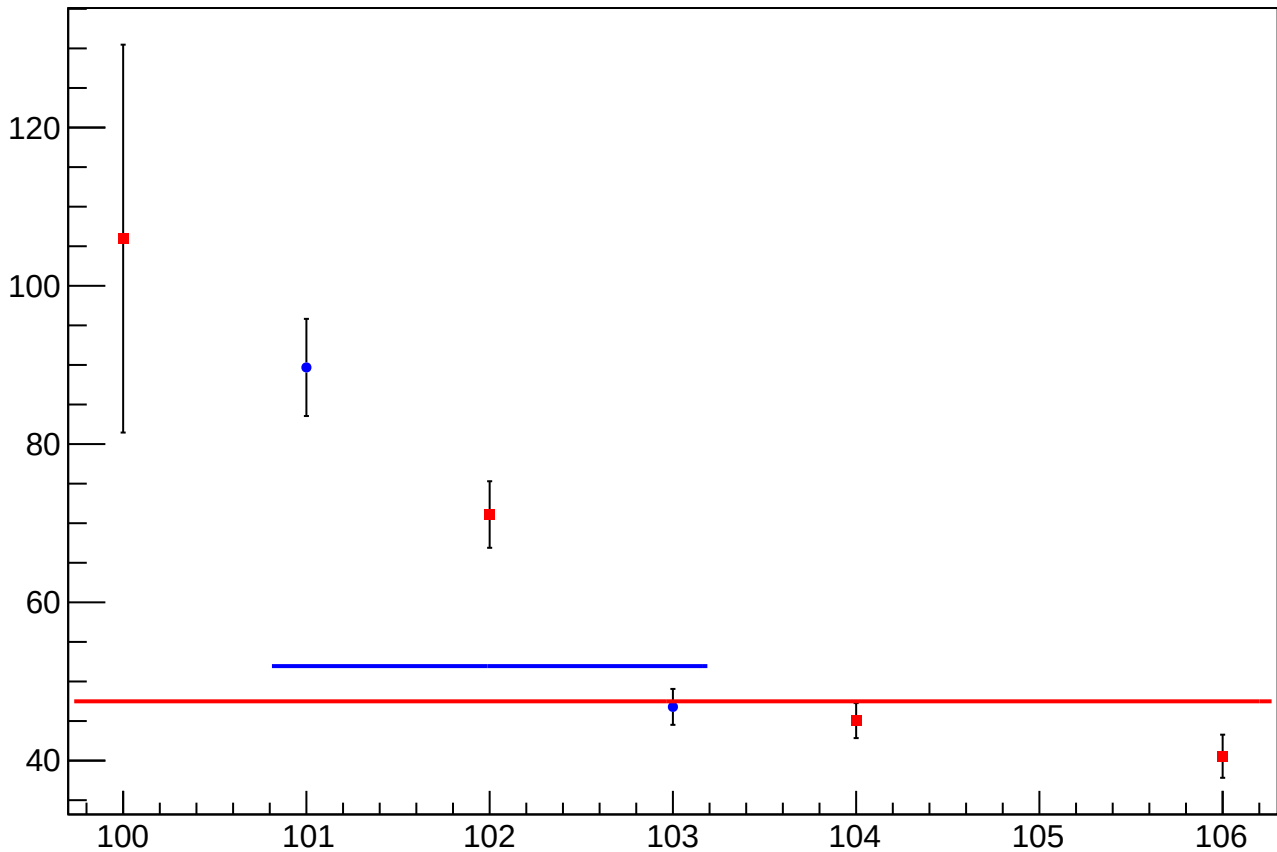
reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.792+/-2.737 χ^2 /NDF: 0.5/1
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 5.350+/-1.656 χ^2 /NDF: 3.2/3
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 4.664+/-1.417 χ^2 /NDF: 4.3/5
 In: 2.792+/-2.737 χ^2 /NDF: 0.5/1
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 4.664+/-1.417 χ^2 /NDF: 4.3/5

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.943 ± 2.128 $\chi^2/\text{NDF}: 43.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 47.492 ± 1.587 $\chi^2/\text{NDF}: 44.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

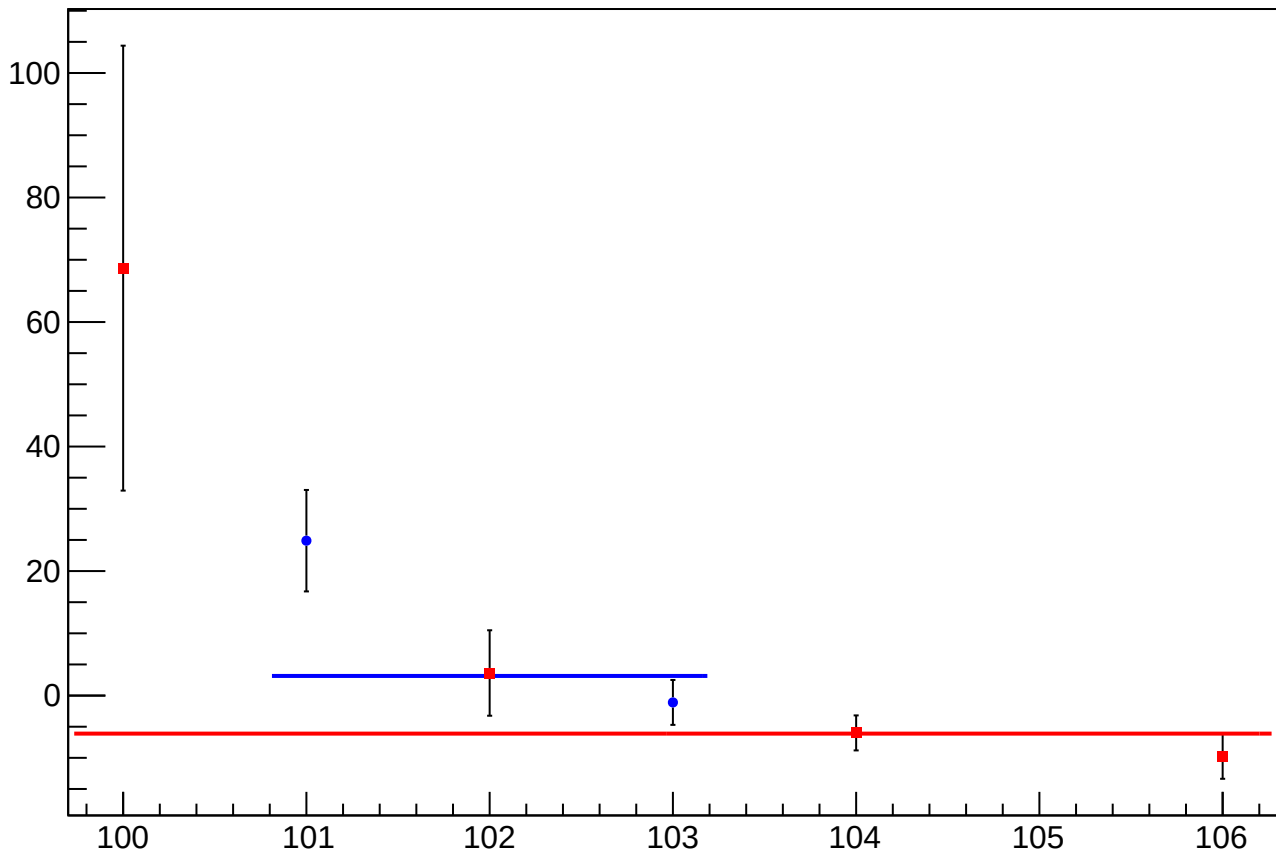
Right: 49.082 ± 1.272 $\chi^2/\text{NDF}: 90.7/5$

In: 51.943 ± 2.128 $\chi^2/\text{NDF}: 43.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 49.082 ± 1.272 $\chi^2/\text{NDF}: 90.7/5$

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.155+/-3.297 χ^2/NDF : 8.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.108+/-2.107 χ^2/NDF : 7.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

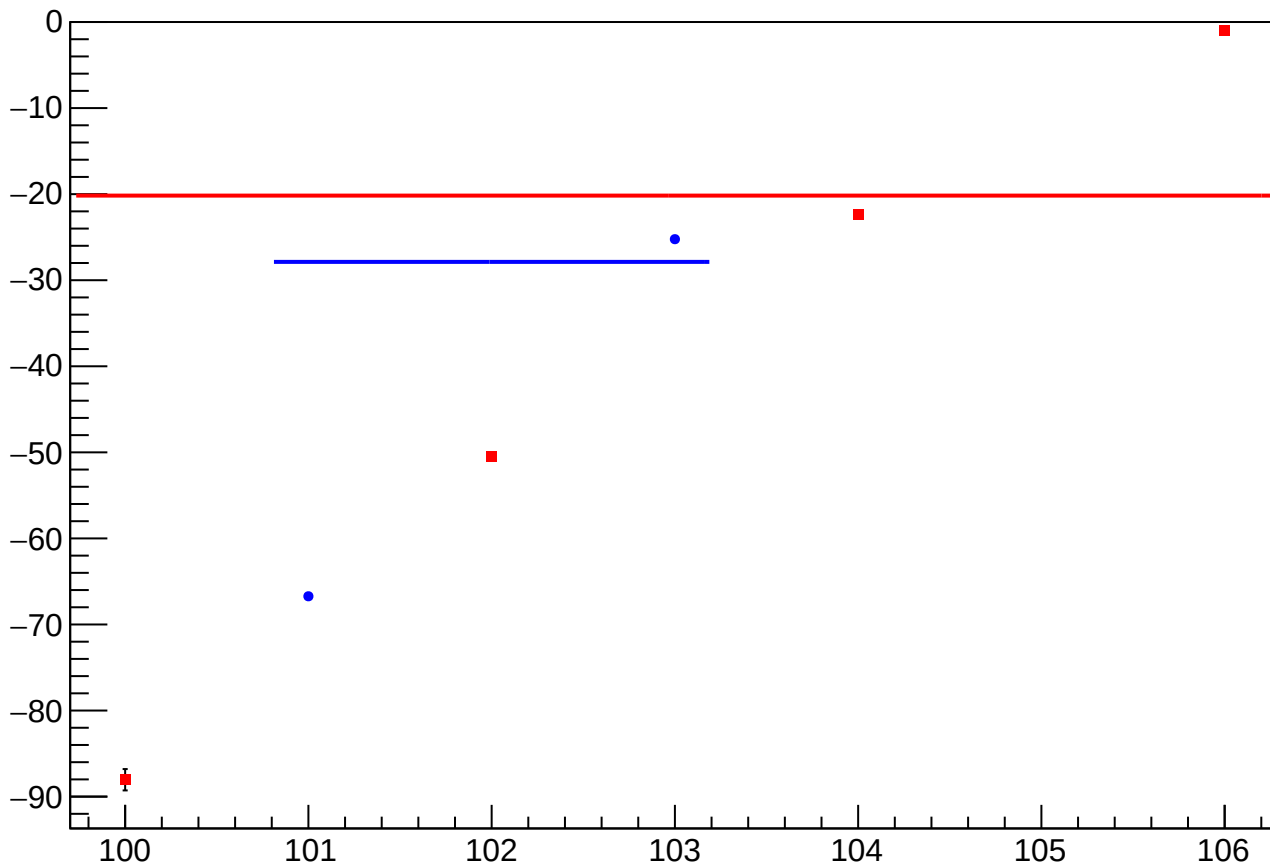
Right: -3.422+/-1.776 χ^2/NDF : 21.5/5

In: 3.155+/-3.297 χ^2/NDF : 8.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.422+/-1.776 χ^2/NDF : 21.5/5

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.871 ± 0.092 χ^2/NDF : 12205.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.168 ± 0.074 χ^2/NDF : 55150.4/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

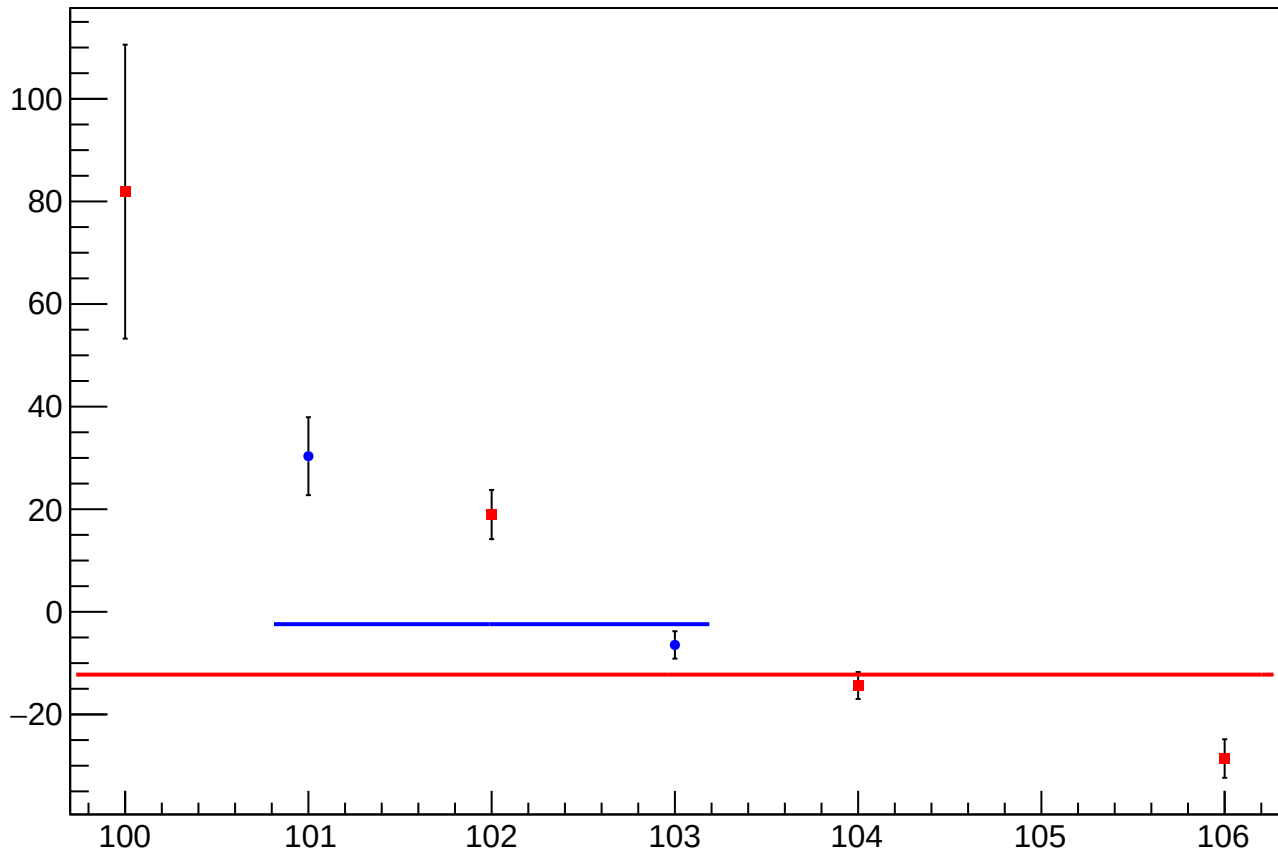
Right: -23.191 ± 0.057 χ^2/NDF : 71647.5/5

In: -27.871 ± 0.092 χ^2/NDF : 12205.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.191 ± 0.057 χ^2/NDF : 71647.5/5

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.408 ± 2.519 $\chi^2/\text{NDF}: 20.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.241 ± 1.956 $\chi^2/\text{NDF}: 72.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

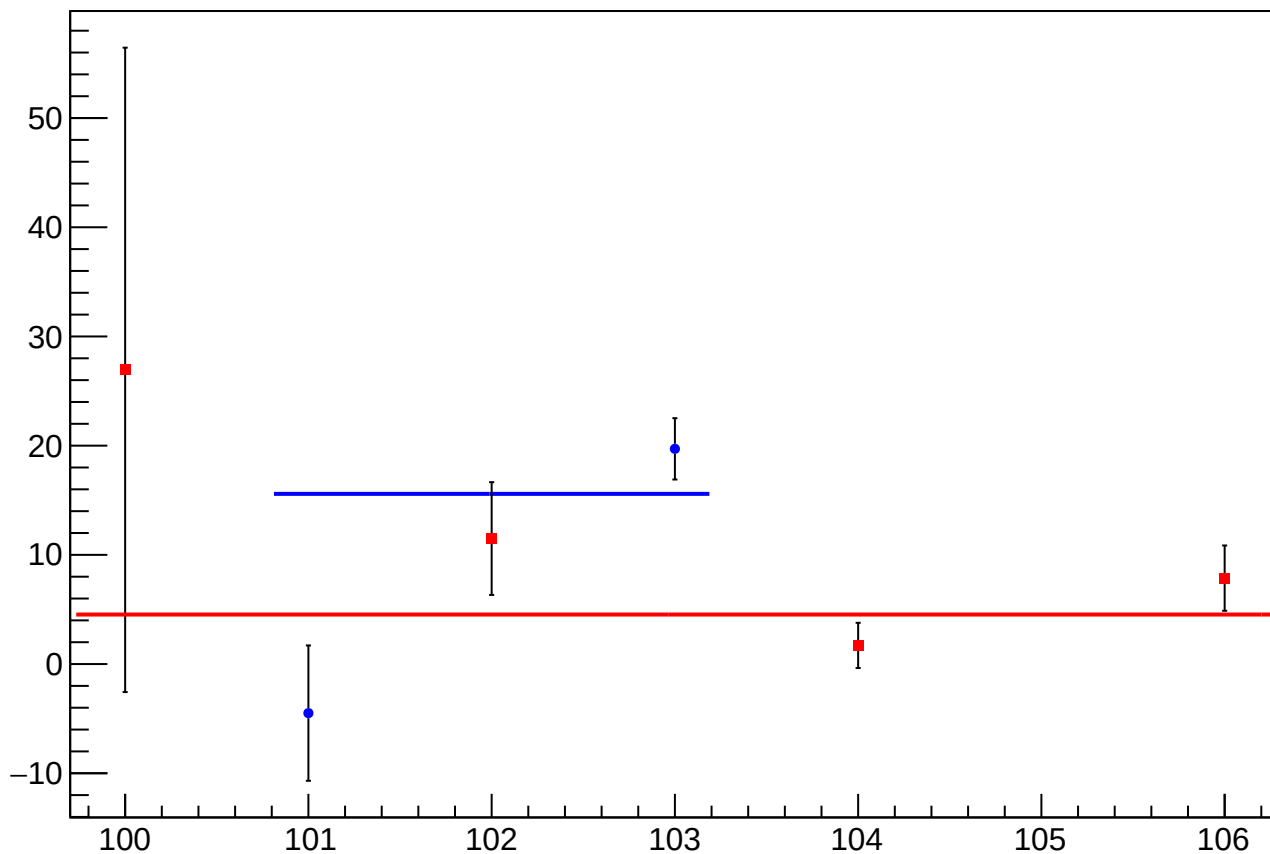
Right: -8.542 ± 1.545 $\chi^2/\text{NDF}: 103.1/5$

In: -2.408 ± 2.519 $\chi^2/\text{NDF}: 20.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.542 ± 1.545 $\chi^2/\text{NDF}: 103.1/5$

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.585 $\pm$ 2.558 χ^2 /NDF: 12.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.533 $\pm$ 1.614 χ^2 /NDF: 5.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

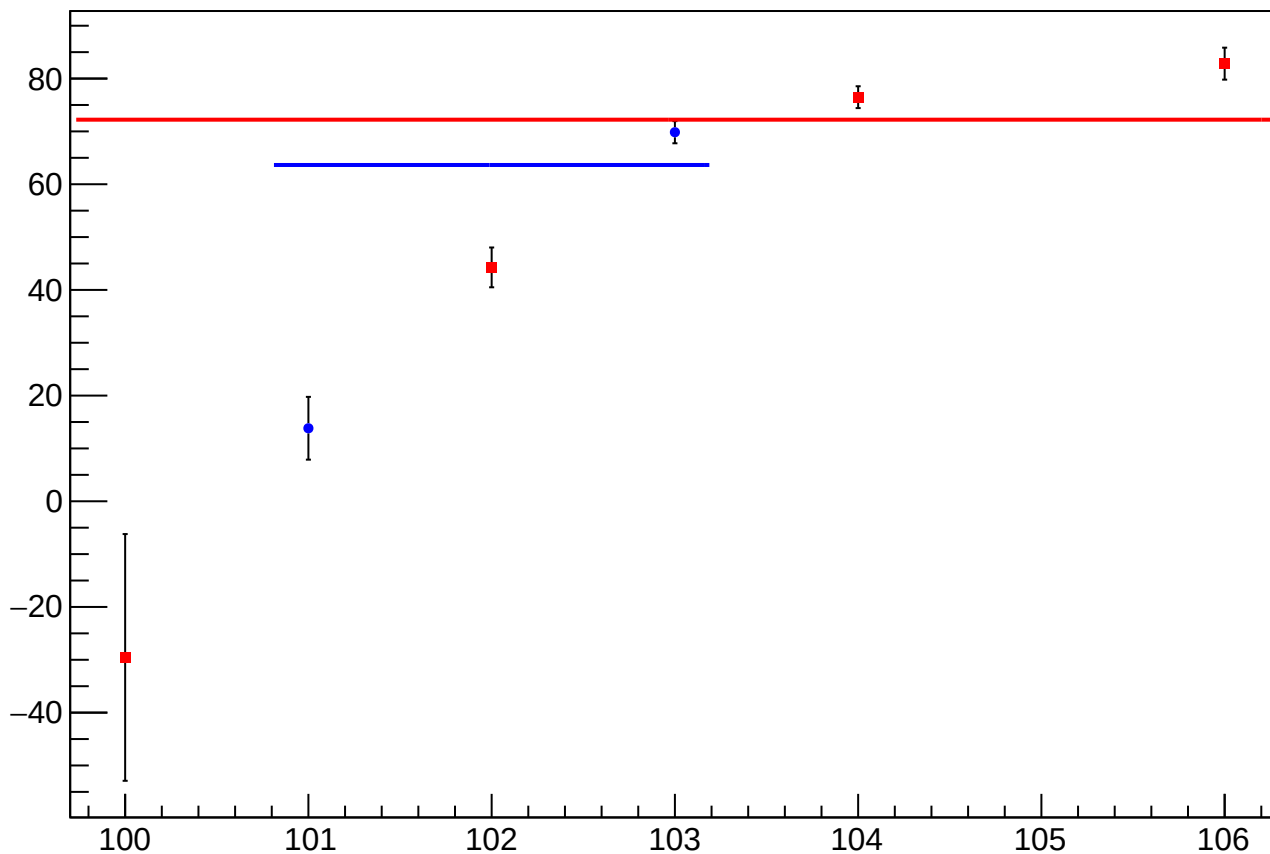
Right: 7.680 $\pm$ 1.365 χ^2 /NDF: 31.5/5

In: 15.585 $\pm$ 2.558 χ^2 /NDF:12.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 7.680 $\pm$ 1.365 χ^2 /NDF: 31.5/5

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 63.644 ± 1.977 $\chi^2/\text{NDF}: 79.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 72.218 ± 1.551 $\chi^2/\text{NDF}: 90.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

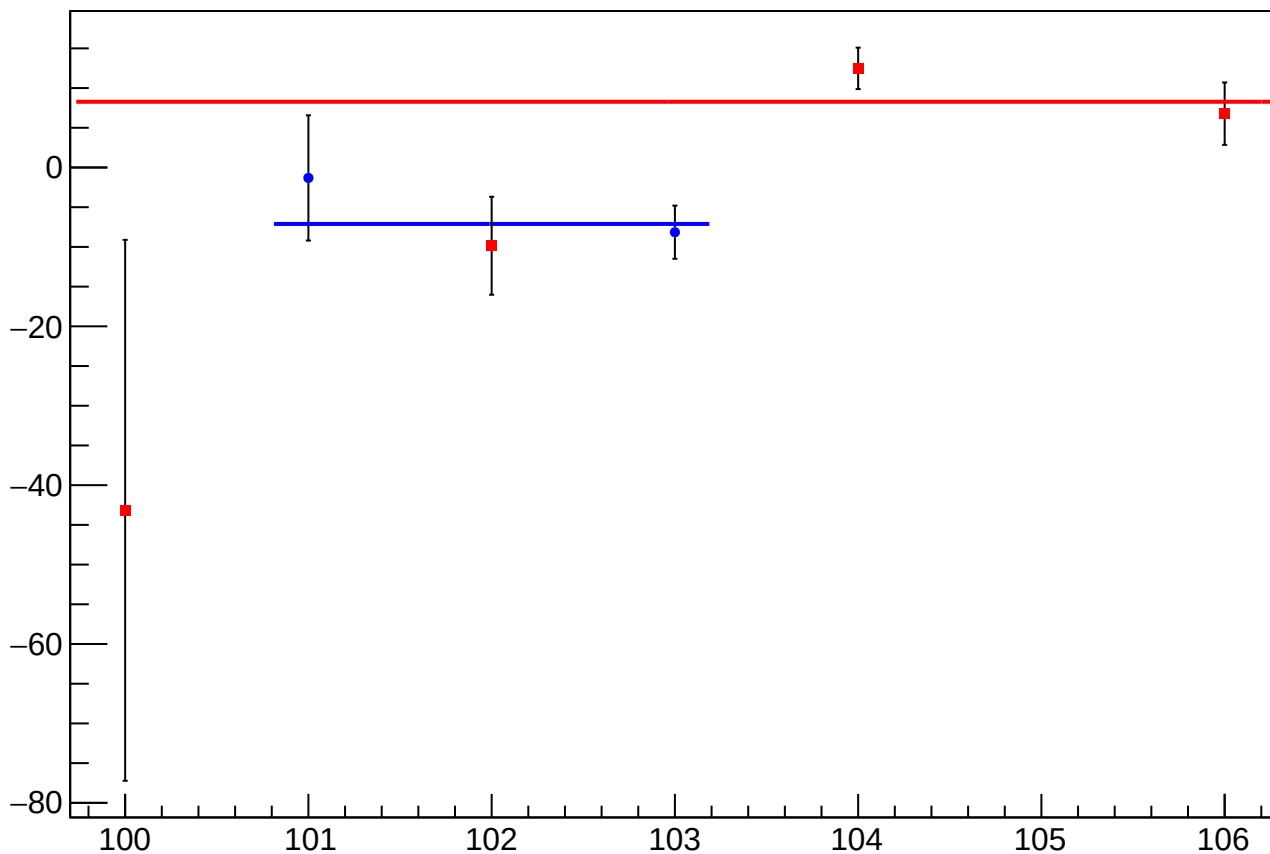
Right: 68.952 ± 1.220 $\chi^2/\text{NDF}: 181.3/5$

In: 63.644 ± 1.977 $\chi^2/\text{NDF}: 79.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 68.952 ± 1.220 $\chi^2/\text{NDF}: 181.3/5$

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.107 $\pm$ 3.079 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.276 $\pm$ 2.046 χ^2 /NDF: 13.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

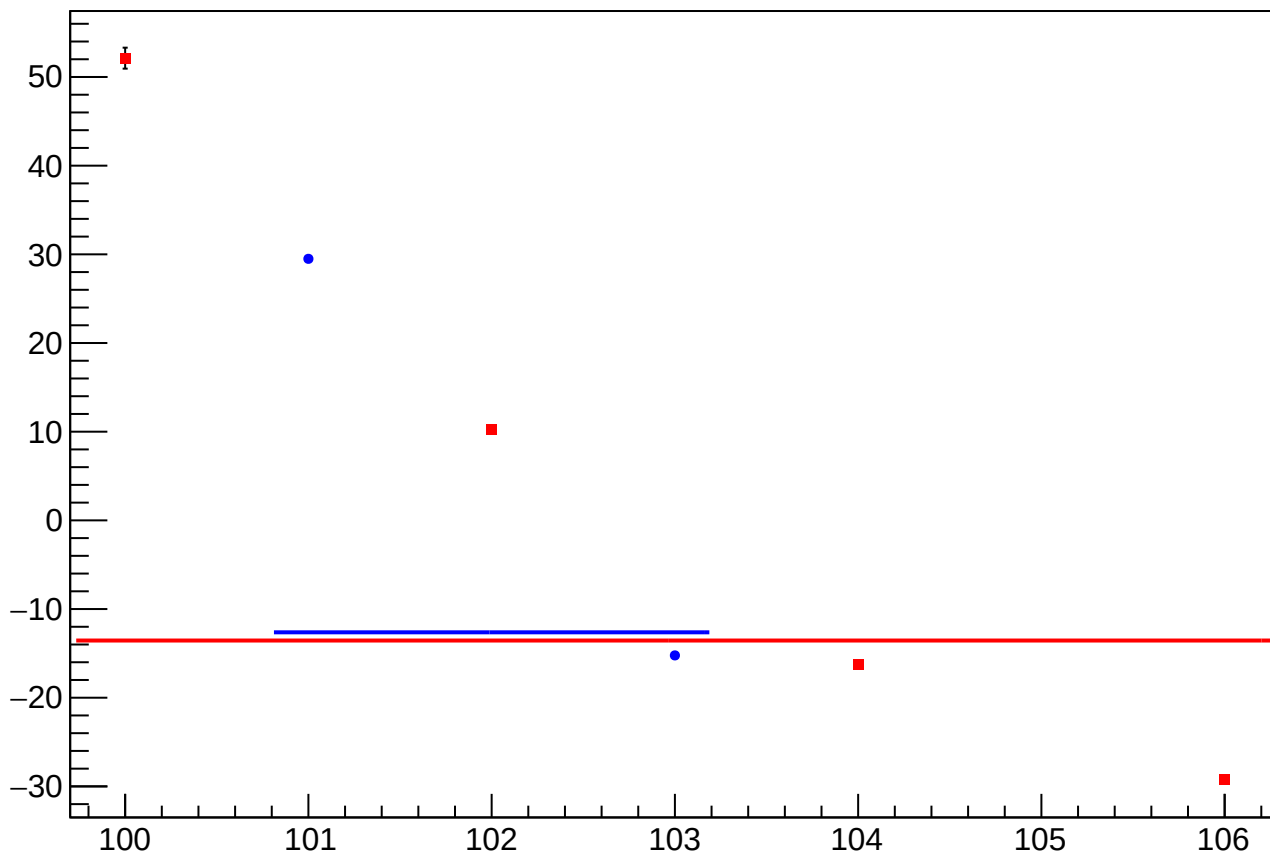
Right: 3.565 $\pm$ 1.704 χ^2 /NDF: 31.6/5

In: -7.107 $\pm$ 3.079 χ^2 /NDF:0.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.565 $\pm$ 1.704 χ^2 /NDF: 31.6/5

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -12.625+/-0.085 χ^2/NDF : 15241.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.551+/-0.073 χ^2/NDF : 36942.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

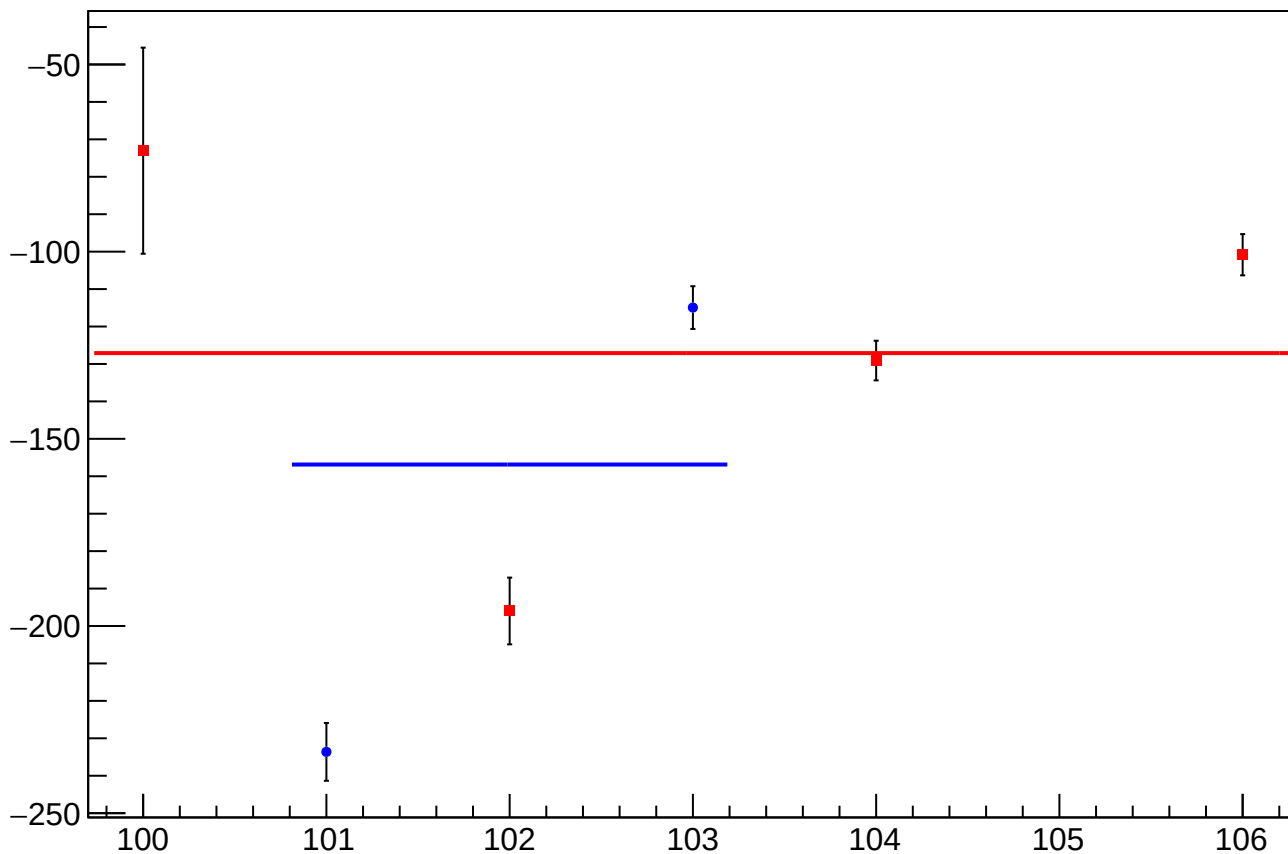
Right: -13.157+/-0.055 χ^2/NDF : 52252.4/5

In: -12.625+/-0.085 χ^2/NDF : 15241.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.157+/-0.055 χ^2/NDF : 52252.4/5

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -156.869+/-4.591 χ^2/NDF : 152.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.100+/-3.481 χ^2/NDF : 86.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

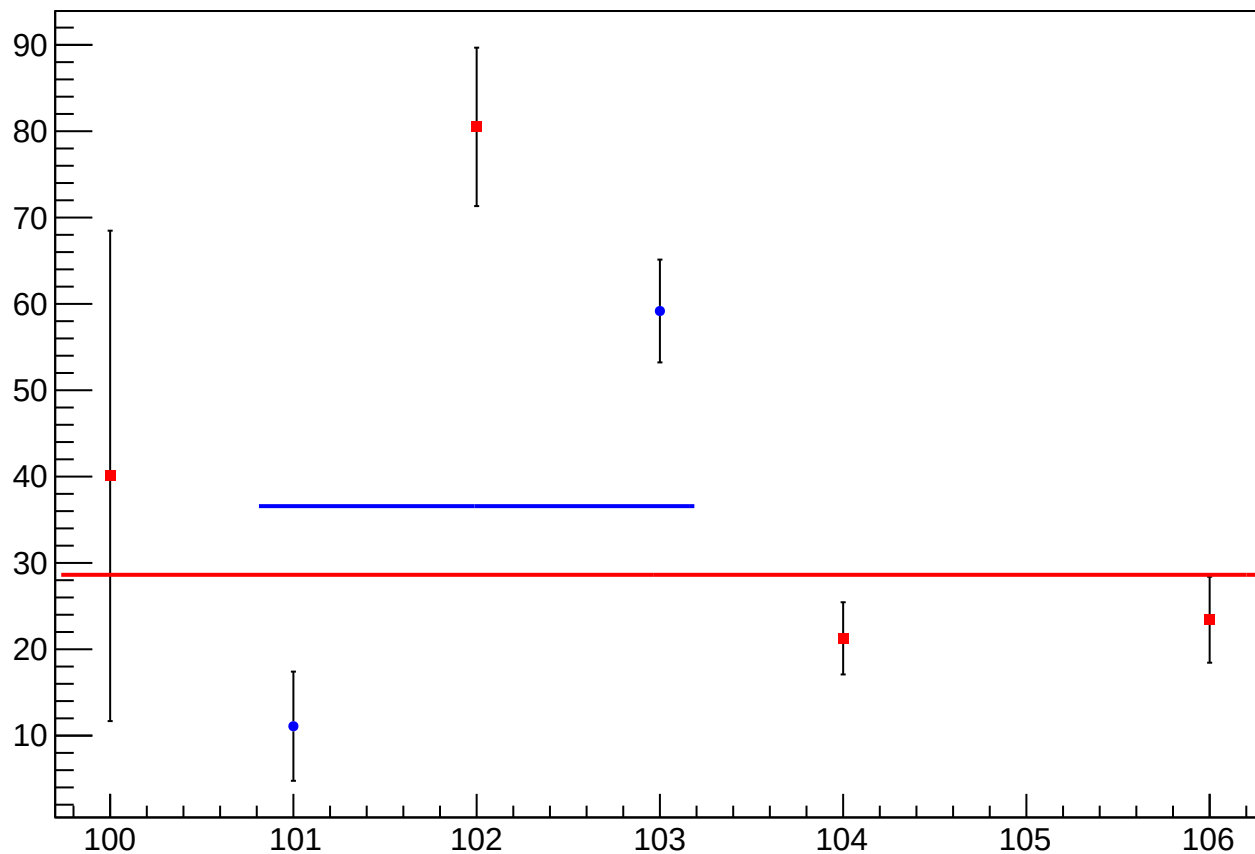
Right: -137.967+/-2.774 χ^2/NDF : 265.9/5

In: -156.869+/-4.591 χ^2/NDF : 152.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.967+/-2.774 χ^2/NDF : 265.9/5

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 36.578+/-4.334 χ^2/NDF : 30.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.625+/-3.006 χ^2/NDF : 36.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

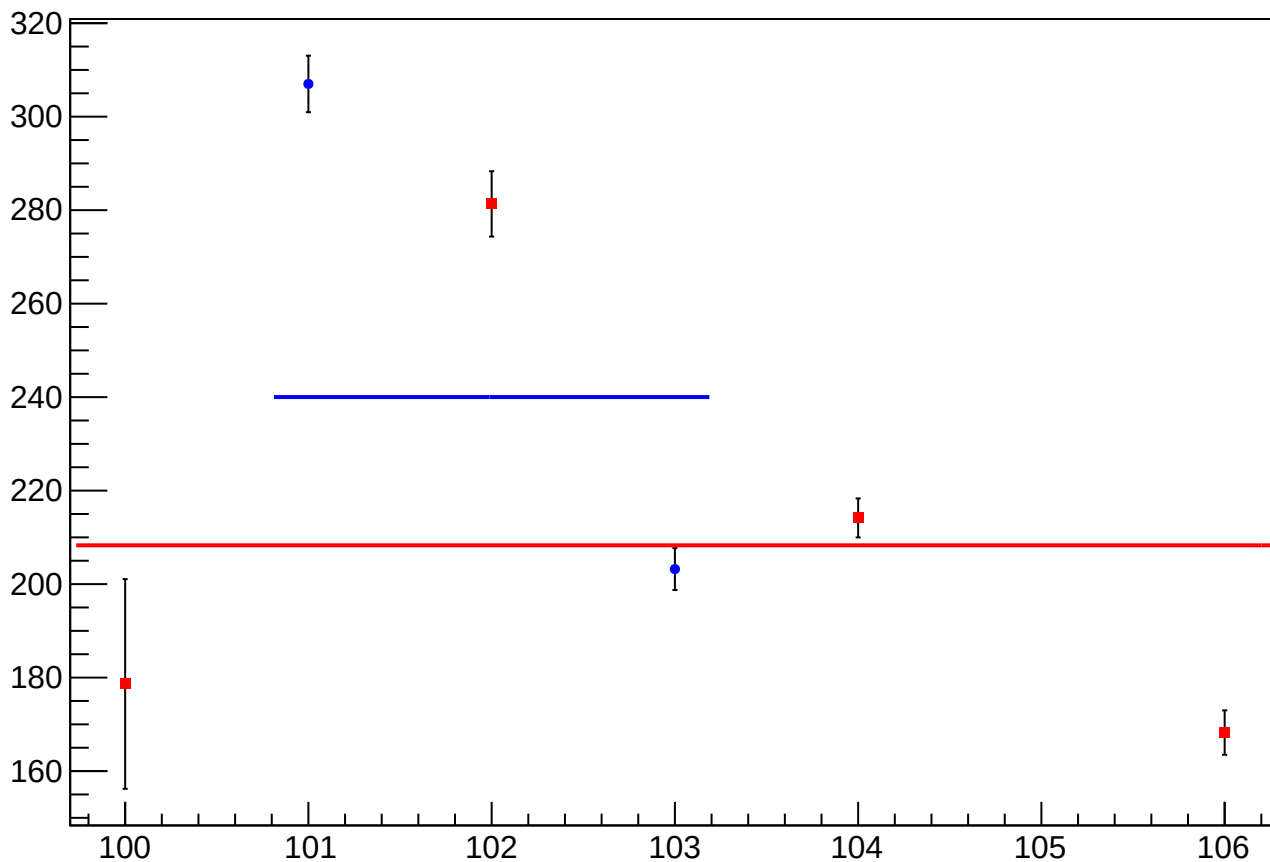
Right: 31.208+/-2.470 χ^2/NDF : 69.3/5

In: 36.578+/-4.334 χ^2/NDF : 30.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.208+/-2.470 χ^2/NDF : 69.3/5

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 240.017 $\pm$ 3.600 χ^2 /NDF: 190.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 208.296 $\pm$ 2.839 χ^2 /NDF: 183.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

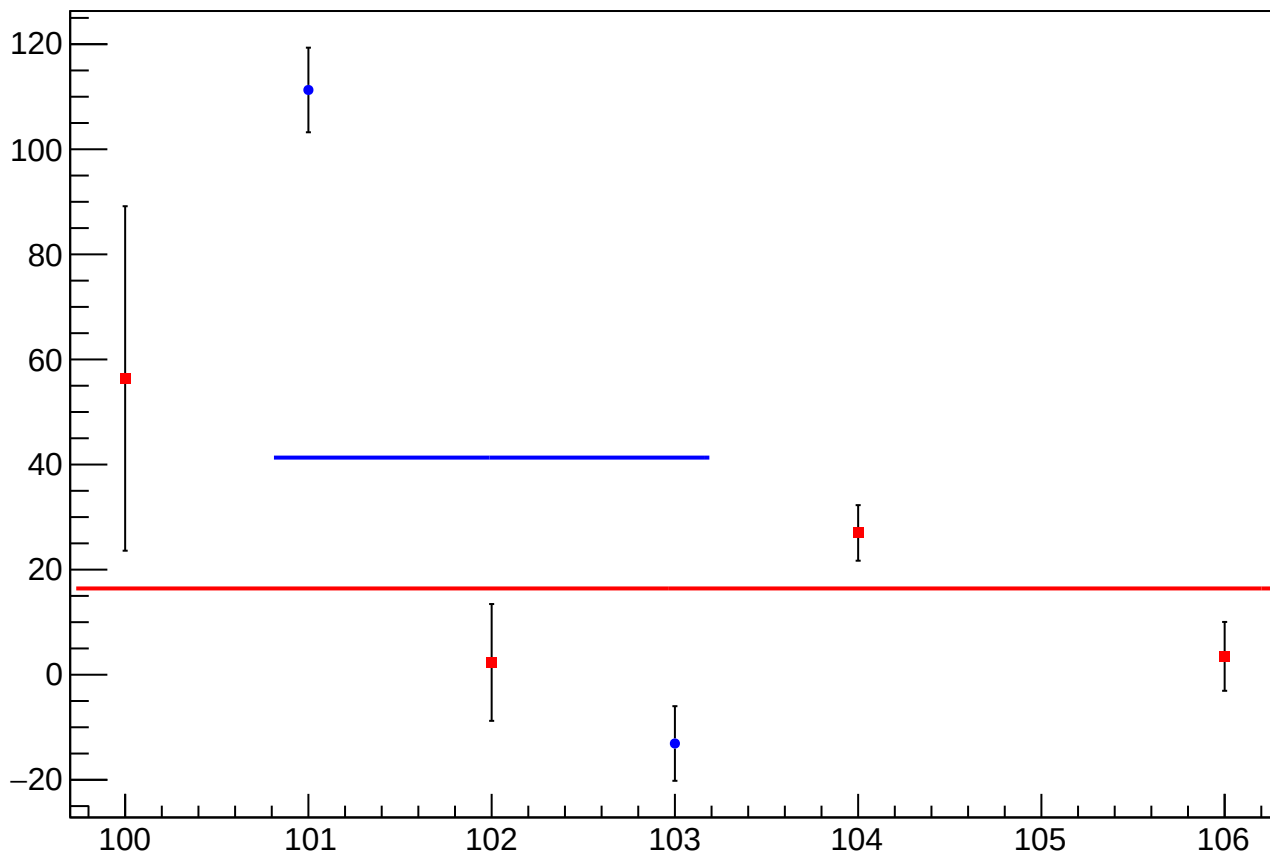
Right: 220.462 $\pm$ 2.229 χ^2 /NDF: 422.0/5

In: 240.017 $\pm$ 3.600 χ^2 /NDF:190.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 220.462 $\pm$ 2.229 χ^2 /NDF: 422.0/5

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.419+/-3.832 χ^2/NDF : 11.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

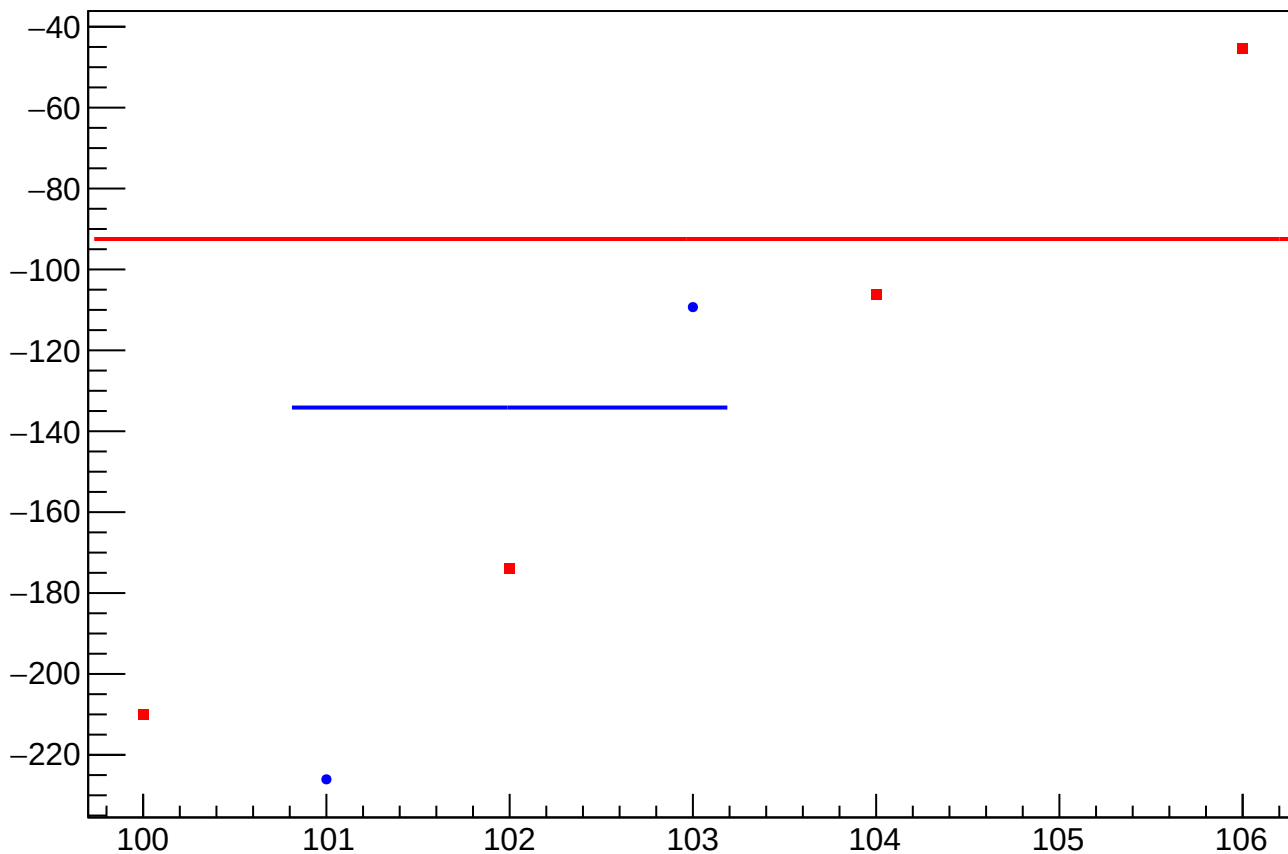
Right: 24.916+/-3.111 χ^2/NDF : 159.6/5

In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.916+/-3.111 χ^2/NDF : 159.6/5

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.139+/-0.166 χ^2/NDF : 82466.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.471+/-0.125 χ^2/NDF : 149629.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

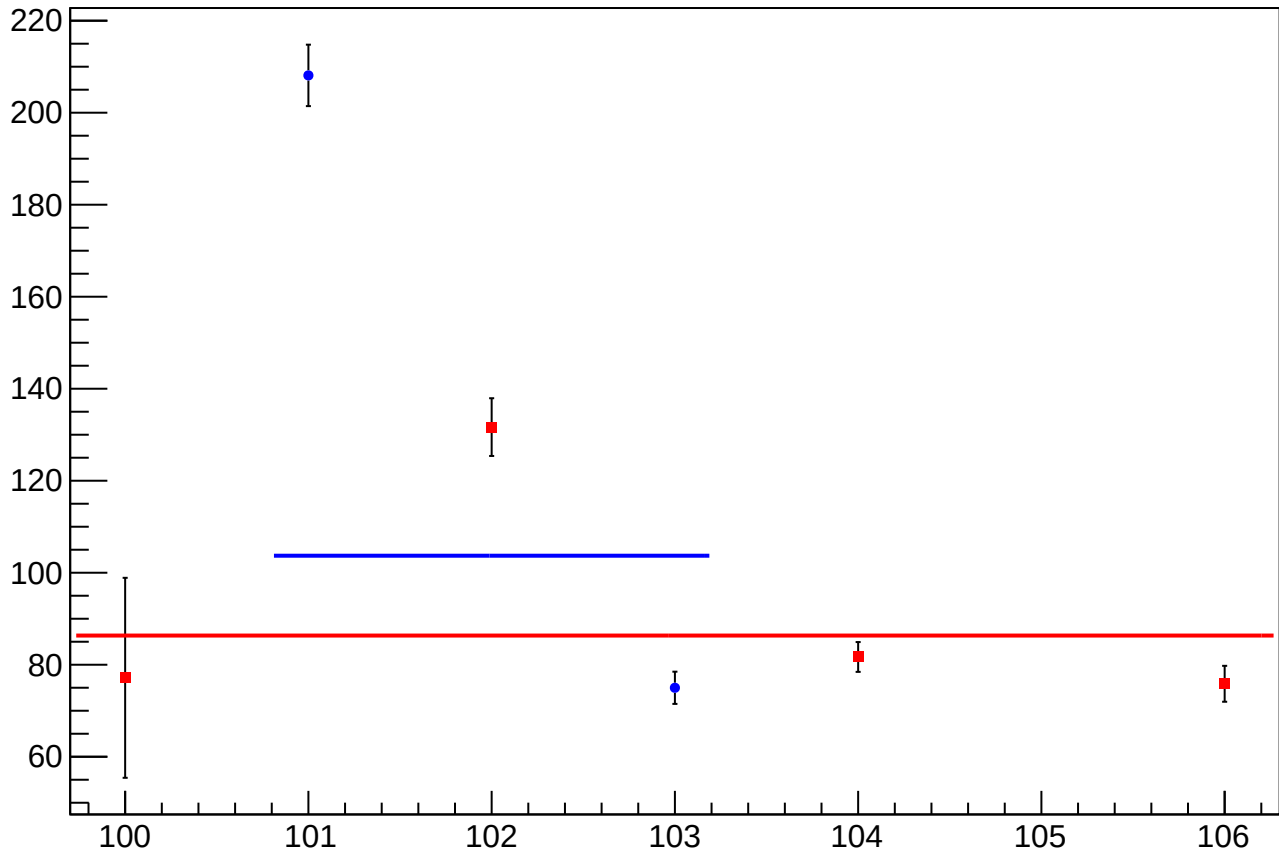
Right: -107.482+/-0.100 χ^2/NDF : 272240.4/5

In: -134.139+/-0.166 χ^2/NDF : 82466.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.482+/-0.100 χ^2/NDF : 272240.4/5

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.699+/-3.102 χ^2/NDF : 311.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.345+/-2.304 χ^2/NDF : 61.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

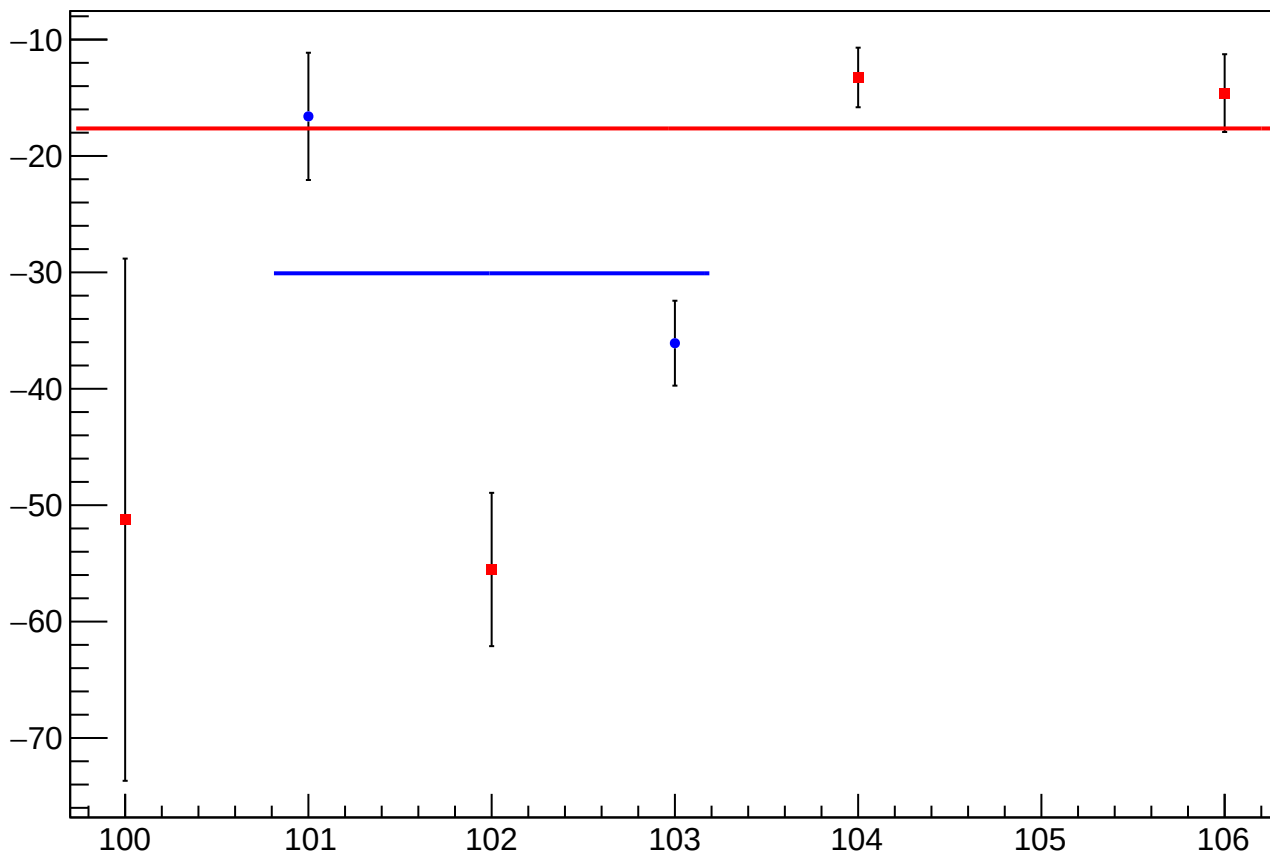
Right: 92.517+/-1.850 χ^2/NDF : 393.4/5

In: 103.699+/-3.102 χ^2/NDF : 311.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.517+/-1.850 χ^2/NDF : 393.4/5

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -30.080+/-3.034 χ^2/NDF : 8.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -17.636+/-1.934 χ^2/NDF : 39.1/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

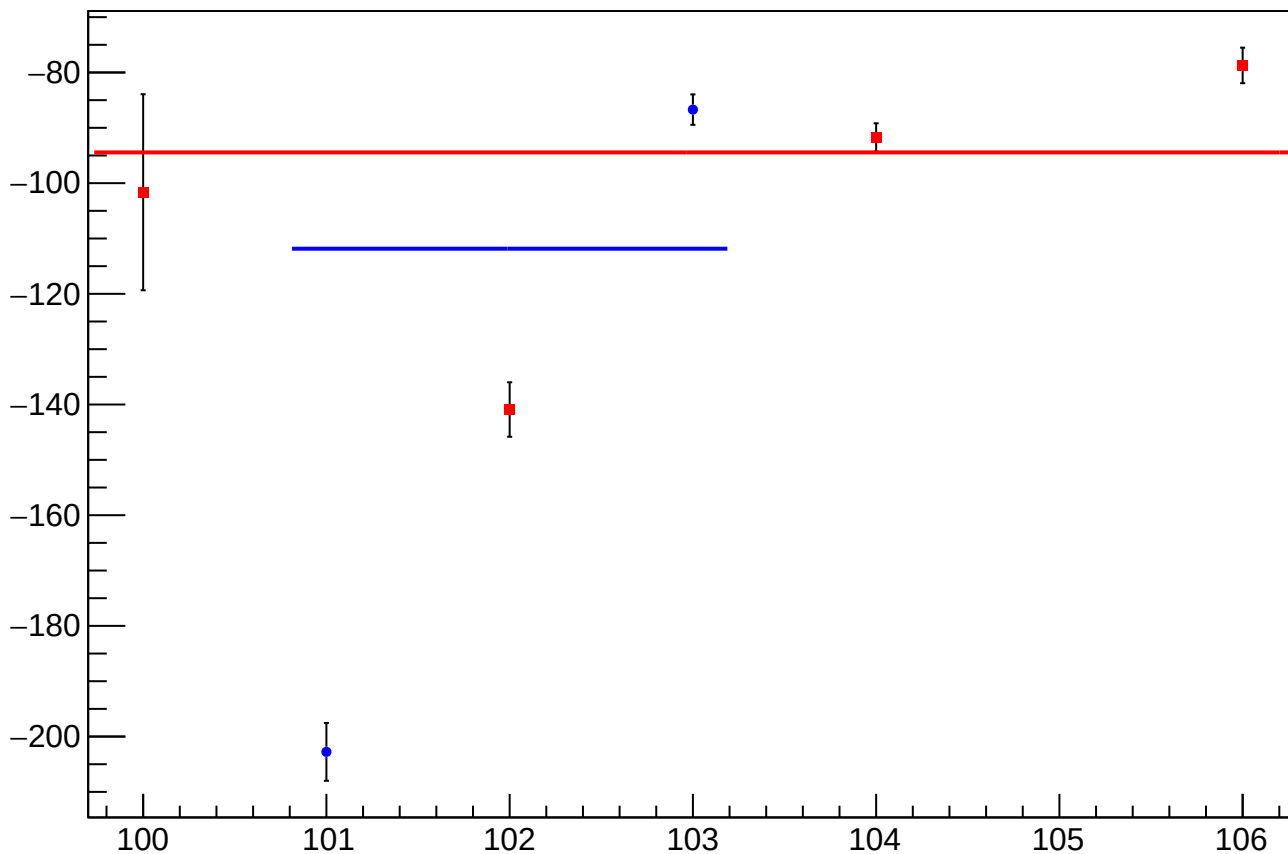
Right: -21.233+/-1.631 χ^2/NDF : 59.9/5

In: -30.080+/-3.034 χ^2/NDF :8.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -21.233+/-1.631 χ^2/NDF : 59.9/5

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.843+/-2.433 χ^2/NDF : 386.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -94.447+/-1.842 χ^2/NDF : 114.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

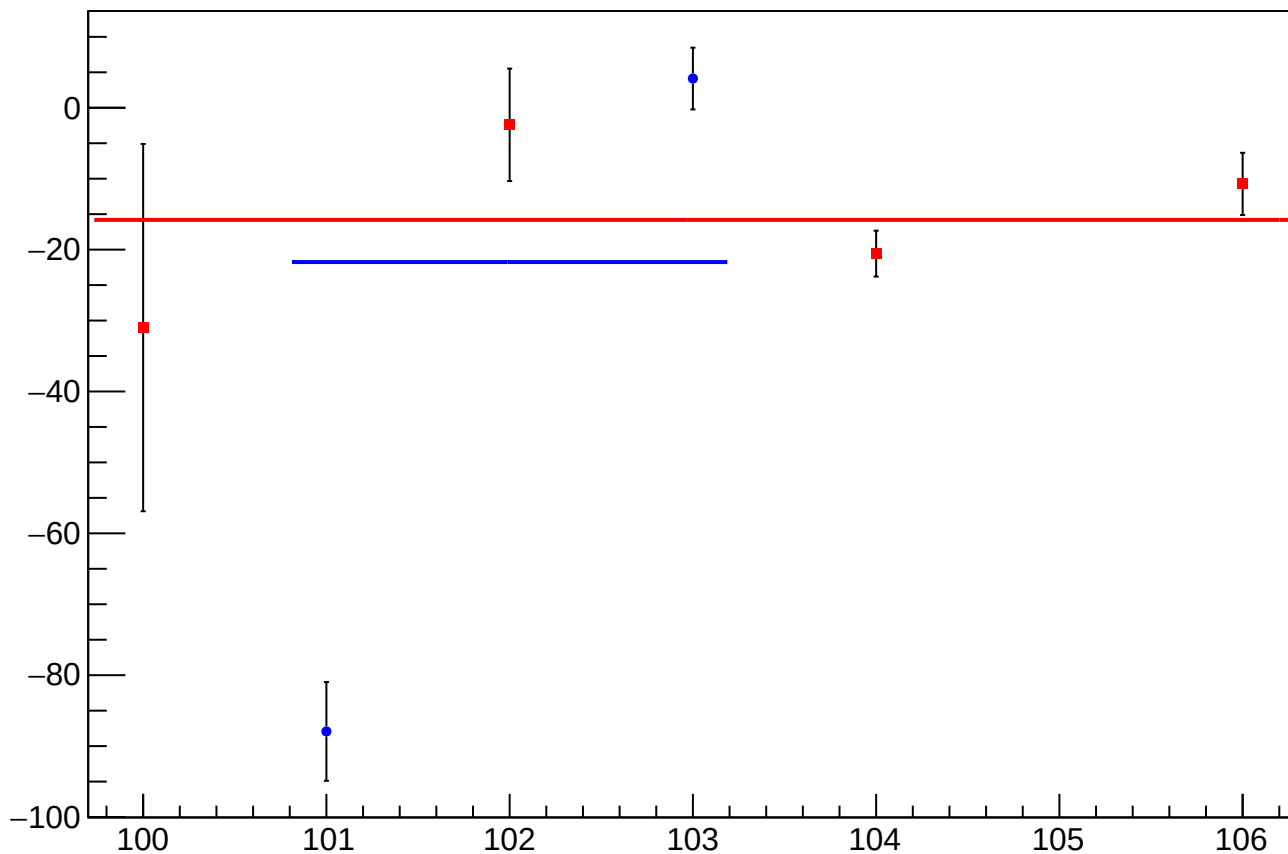
Right: -100.789+/-1.469 χ^2/NDF : 533.1/5

In: -111.843+/-2.433 χ^2/NDF : 386.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.789+/-1.469 χ^2/NDF : 533.1/5

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.751 ± 3.691 χ^2/NDF : 125.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.808 ± 2.463 χ^2/NDF : 6.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

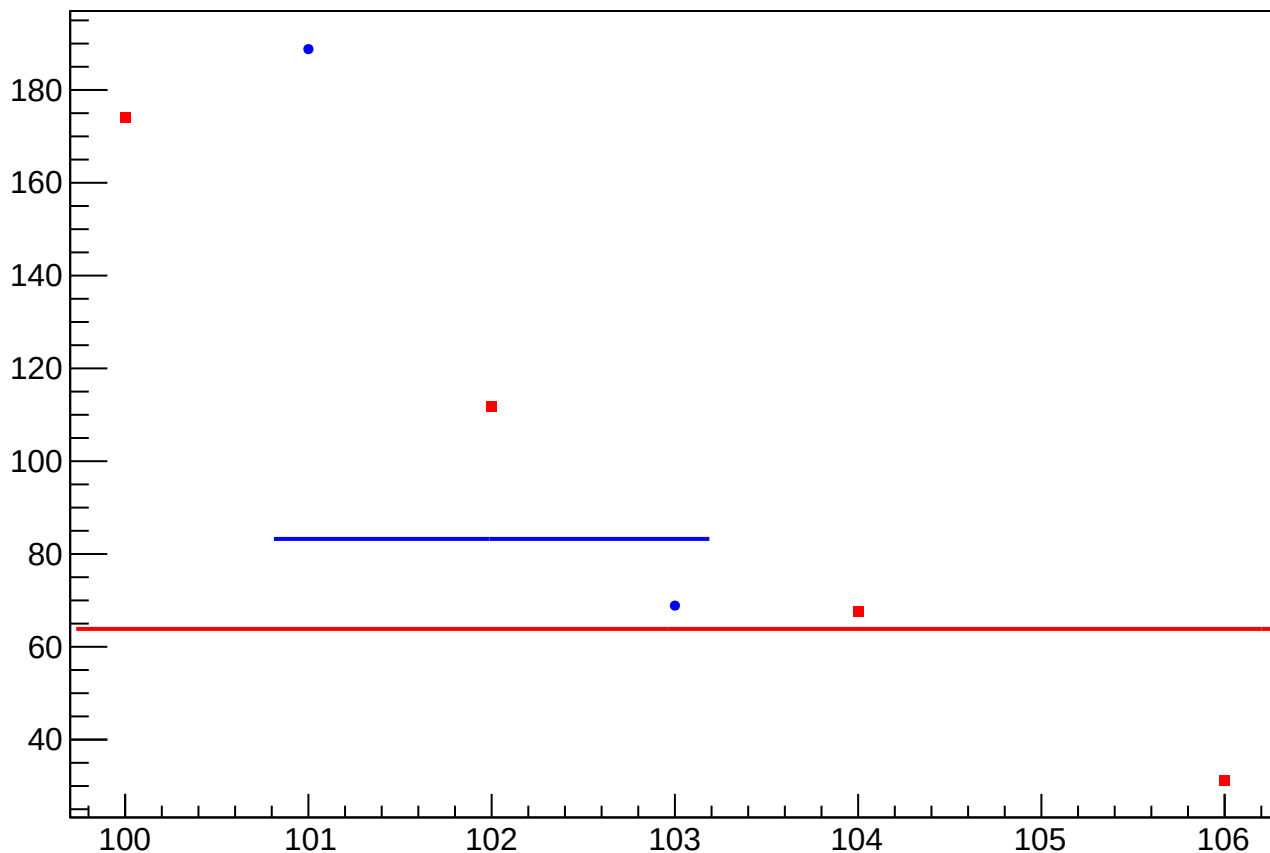
Right: -17.640 ± 2.049 χ^2/NDF : 134.2/5

In: -21.751 ± 3.691 χ^2/NDF : 125.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.640 ± 2.049 χ^2/NDF : 134.2/5

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.254+/-0.108 χ^2/NDF : 130194.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.856+/-0.086 χ^2/NDF : 115179.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

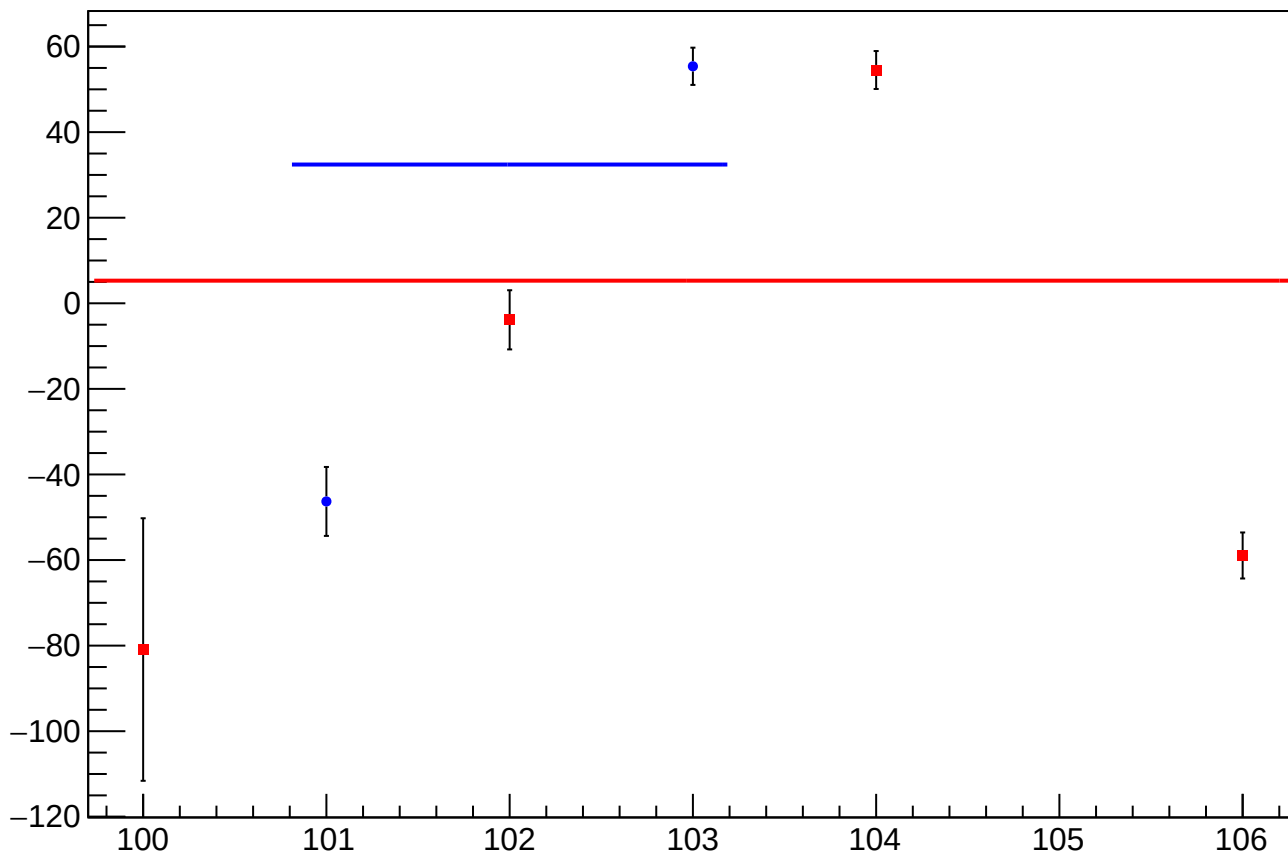
Right: 71.420+/-0.067 χ^2/NDF : 265071.1/5

In: 83.254+/-0.108 χ^2/NDF : 130194.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.420+/-0.067 χ^2/NDF : 265071.1/5

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 32.428+/-3.828 χ^2 /NDF: 123.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 5.288+/-3.051 χ^2 /NDF: 275.5/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

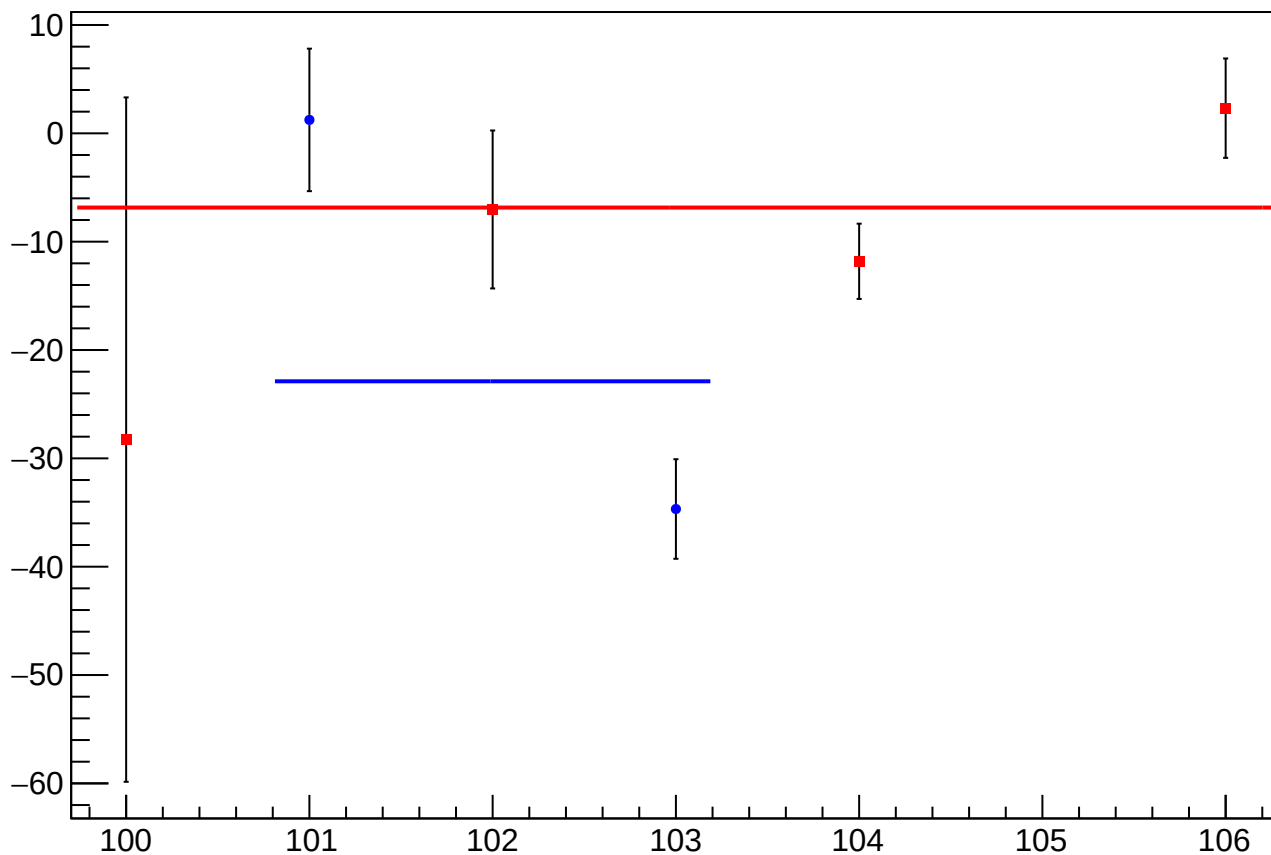
Right: 15.831+/-2.386 χ^2 /NDF: 429.6/5

In: 32.428+/-3.828 χ^2 /NDF: 123.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 15.831+/-2.386 χ^2 /NDF: 429.6/5

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.888+/-3.767 χ^2/NDF : 20.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.851+/-2.579 χ^2/NDF : 6.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

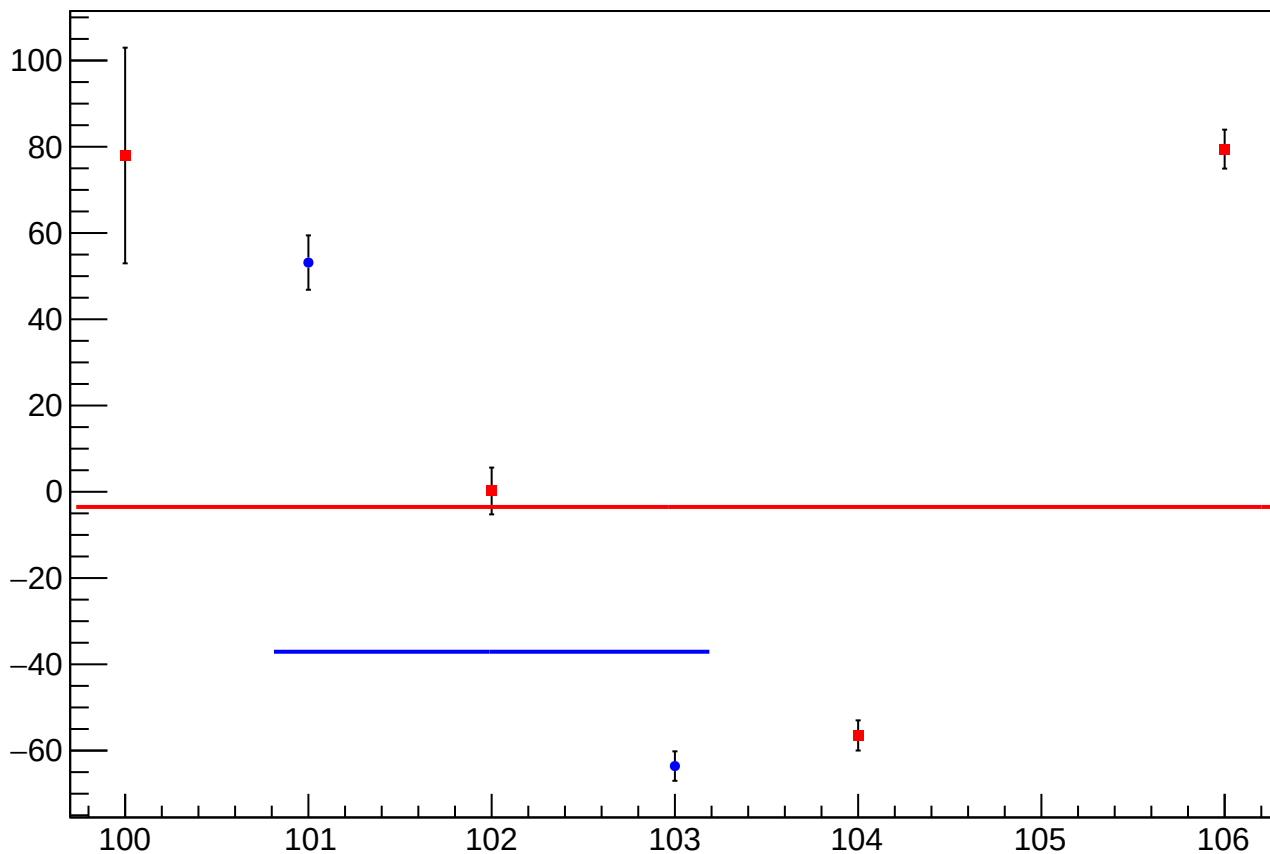
Right: -11.970+/-2.128 χ^2/NDF : 38.9/5

In: -22.888+/-3.767 χ^2/NDF : 20.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.970+/-2.128 χ^2/NDF : 38.9/5

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.081+/-3.003 χ^2/NDF : 265.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.513+/-2.451 χ^2/NDF : 578.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

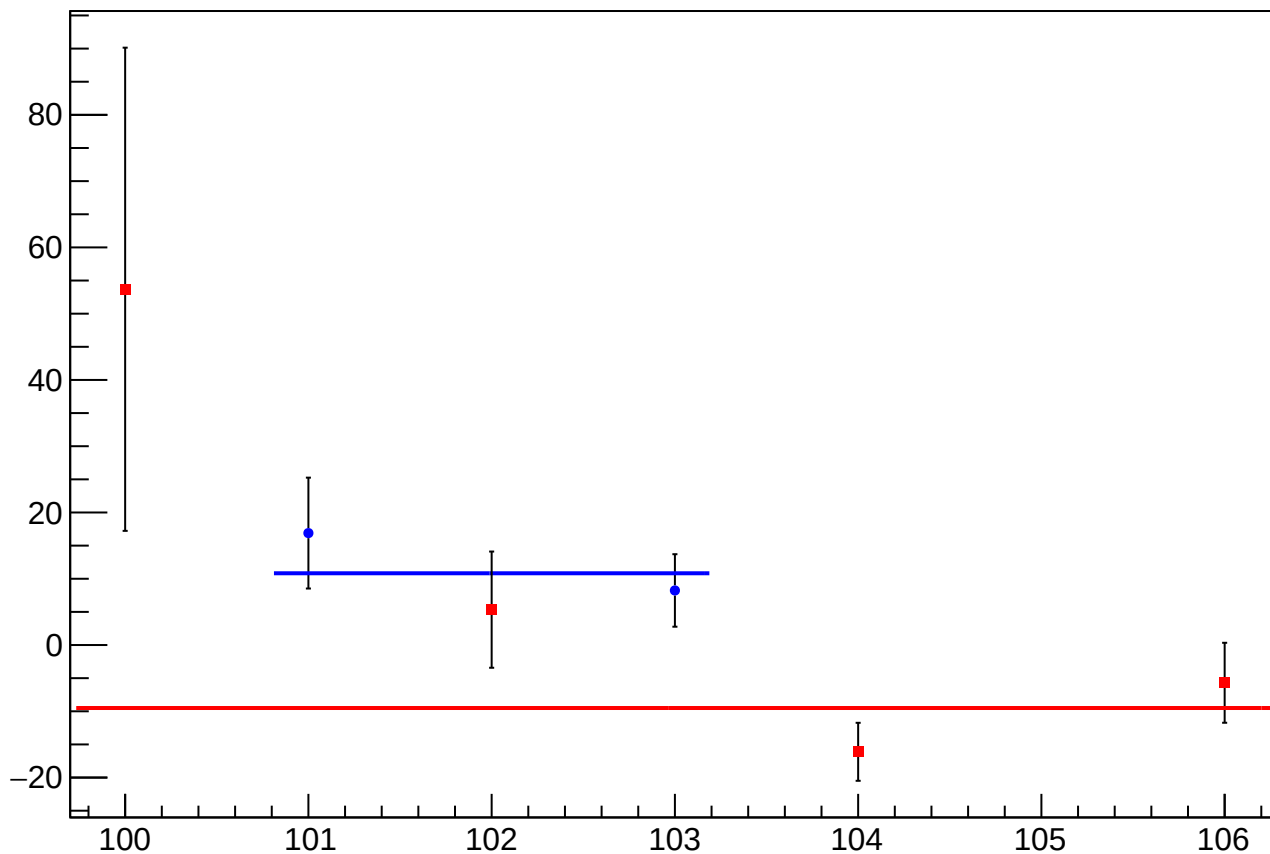
Right: -16.935+/-1.899 χ^2/NDF : 918.5/5

In: -37.081+/-3.003 χ^2/NDF : 265.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.935+/-1.899 χ^2/NDF : 918.5/5

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.827+/-4.578 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.504+/-3.271 χ^2/NDF : 8.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

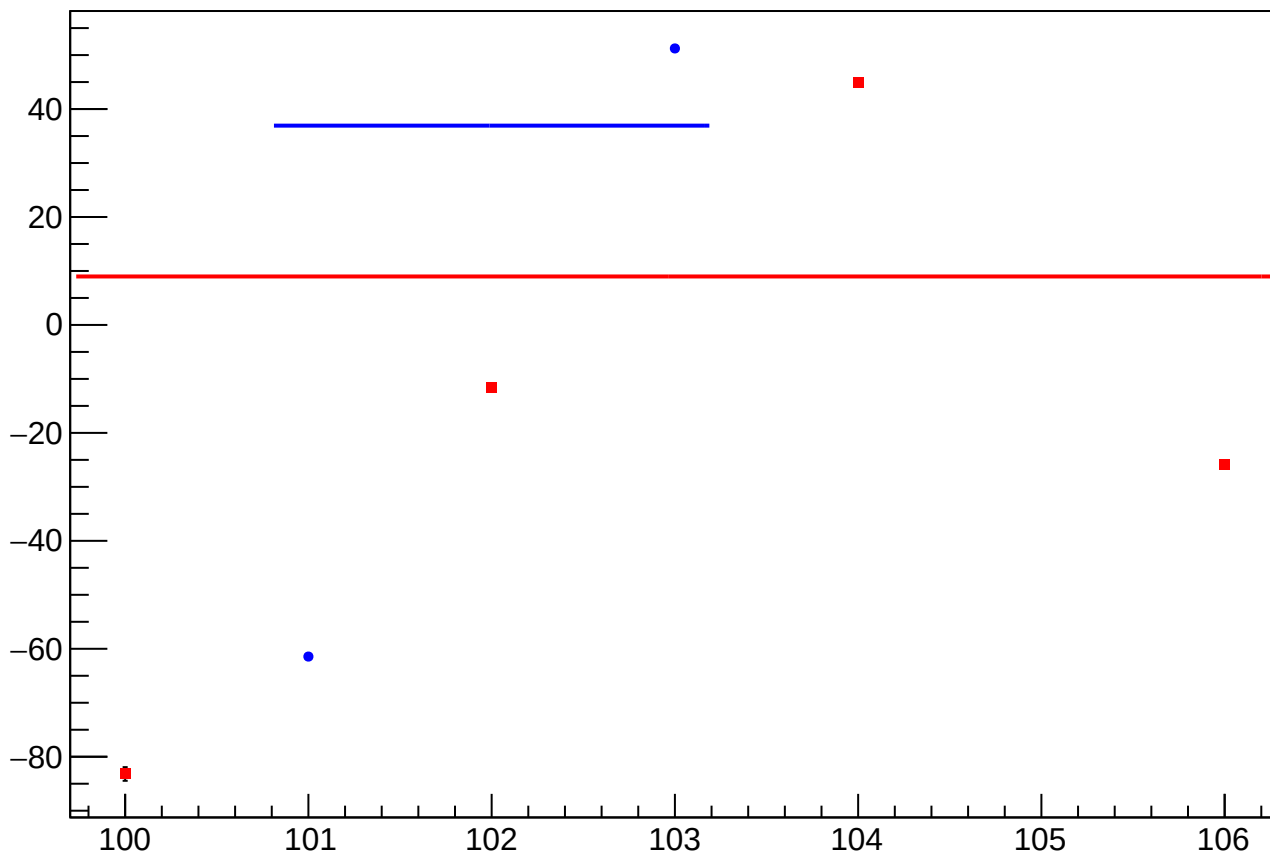
Right: -2.633+/-2.661 χ^2/NDF : 22.4/5

In: 10.827+/-4.578 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.633+/-2.661 χ^2/NDF : 22.4/5

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 36.926+/-0.133 χ^2/NDF : 79617.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.981+/-0.112 χ^2/NDF : 88374.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

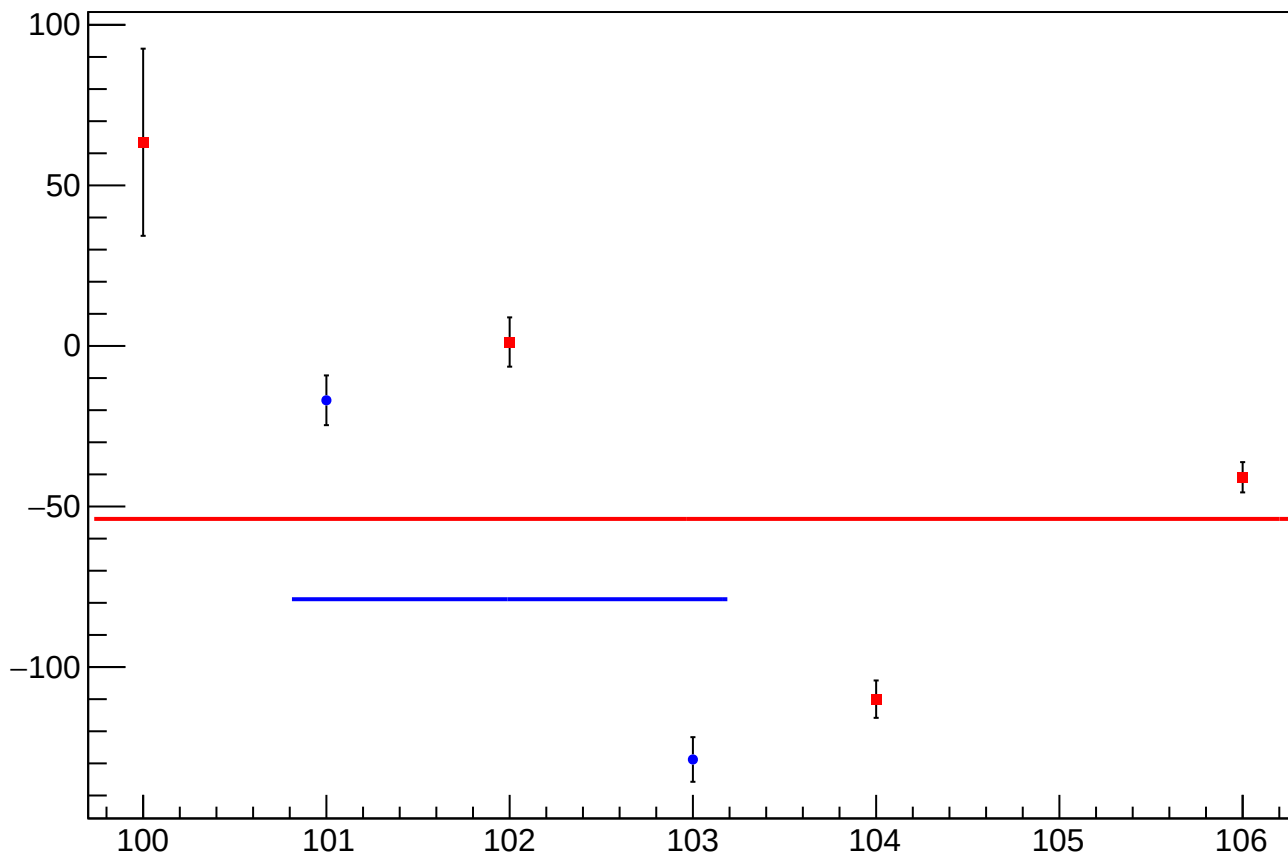
Right: 20.638+/-0.086 χ^2/NDF : 193750.7/5

In: 36.926+/-0.133 χ^2/NDF : 79617.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.638+/-0.086 χ^2/NDF : 193750.7/5

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -78.875+/-5.174 χ^2/NDF : 115.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.863+/-3.286 χ^2/NDF : 168.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

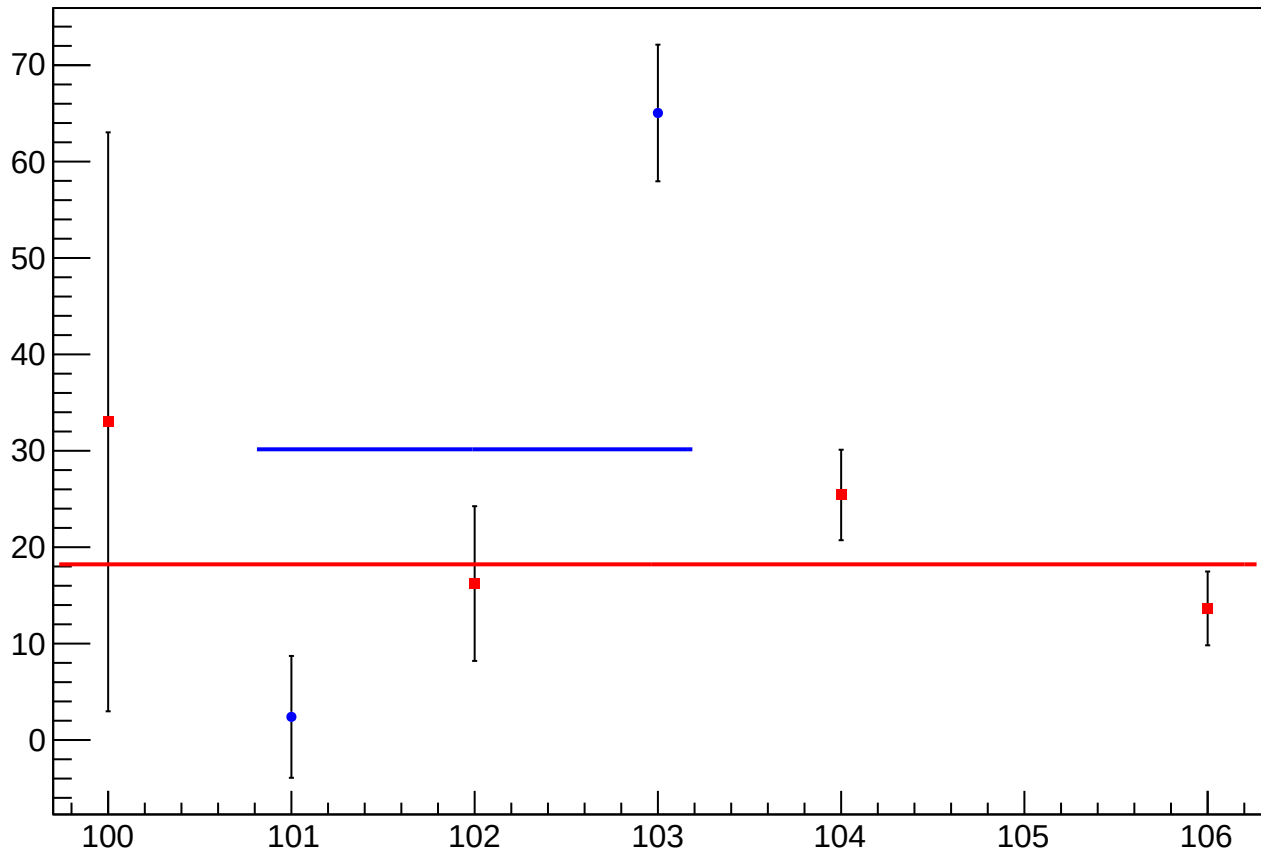
Right: -61.051+/-2.774 χ^2/NDF : 300.4/5

In: -78.875+/-5.174 χ^2/NDF : 115.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.051+/-2.774 χ^2/NDF : 300.4/5

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.154+/-4.717 χ^2/NDF : 43.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.222+/-2.770 χ^2/NDF : 4.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

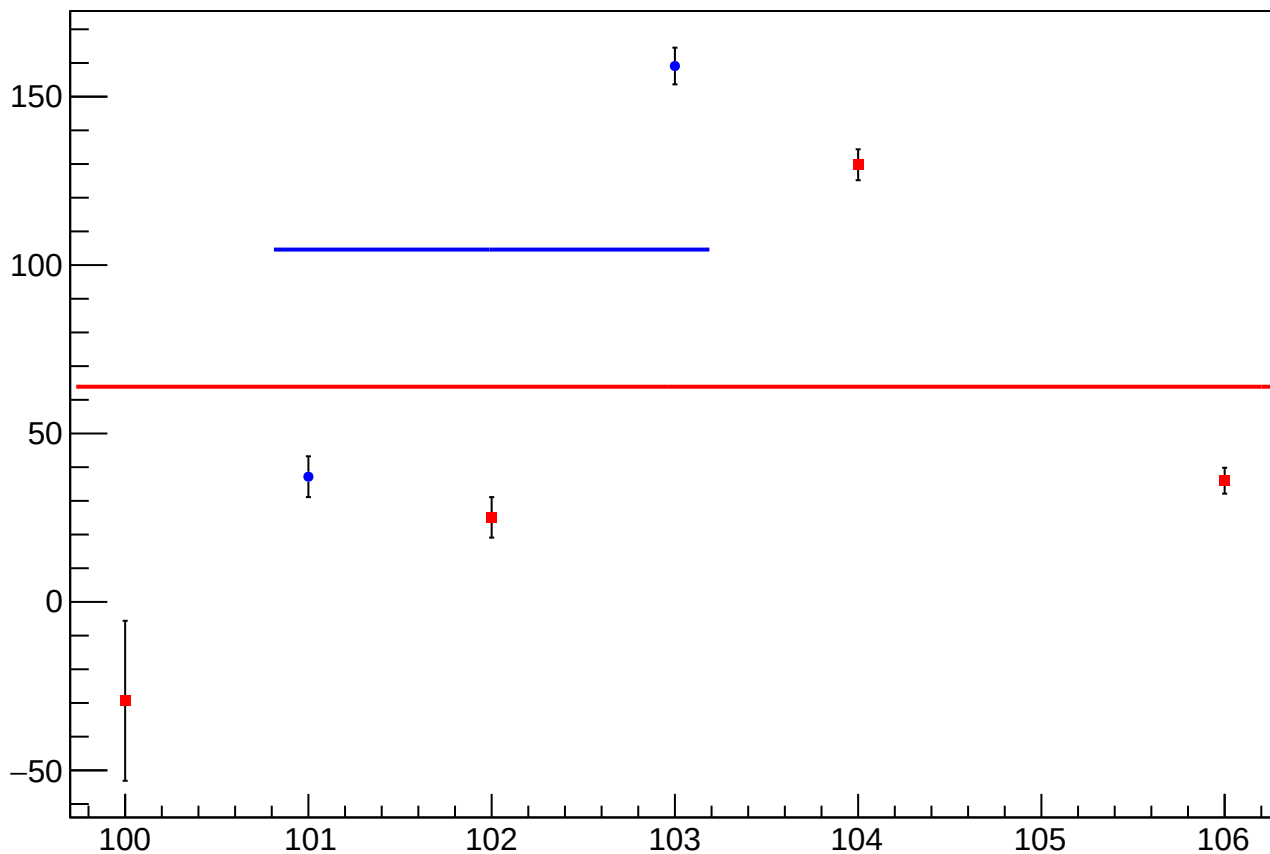
Right: 21.282+/-2.389 χ^2/NDF : 52.4/5

In: 30.154+/-4.717 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.282+/-2.389 χ^2/NDF : 52.4/5

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 104.603 $\pm$ 4.050 χ^2 /NDF: 224.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.886 $\pm$ 2.631 χ^2 /NDF: 315.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

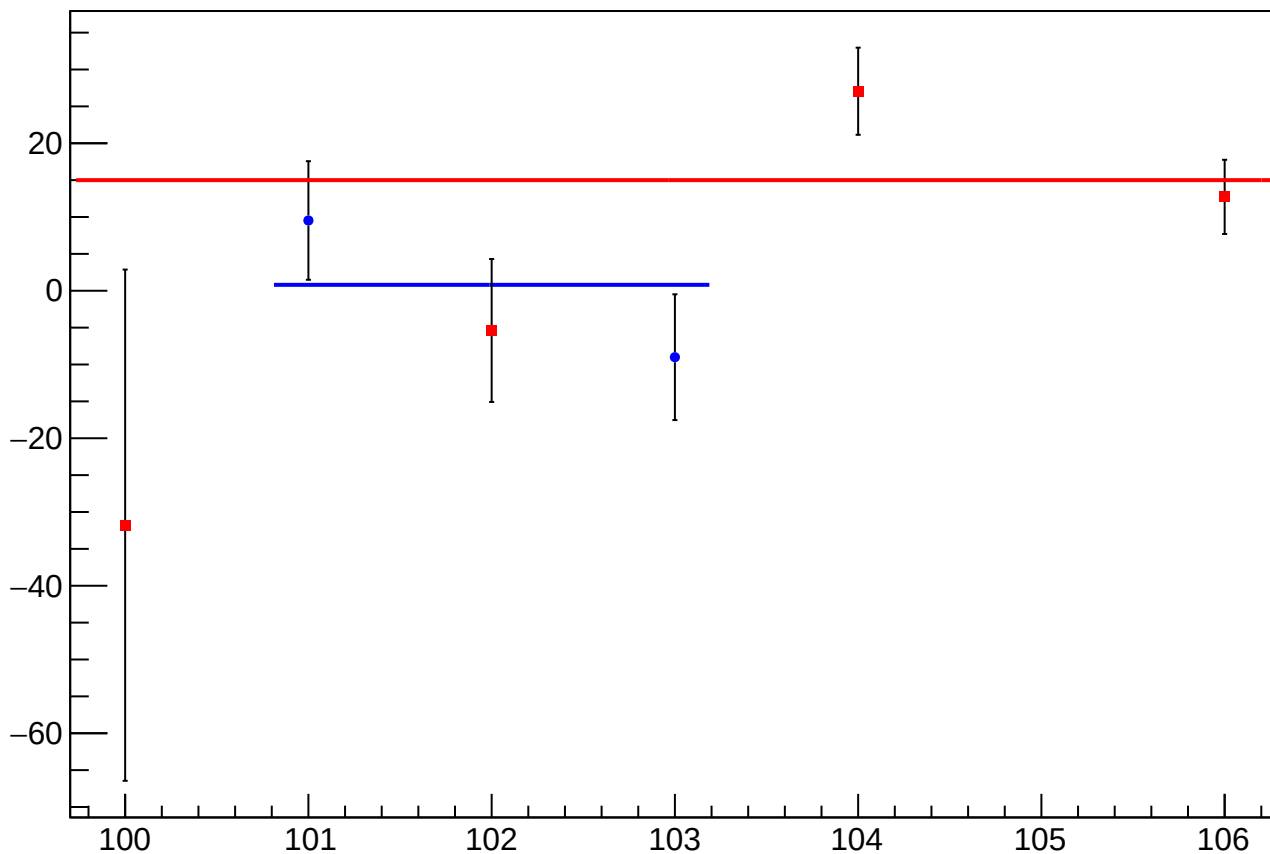
Right: 75.970 $\pm$ 2.207 χ^2 /NDF: 610.5/5

In: 104.603 $\pm$ 4.050 χ^2 /NDF: 224.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.970 $\pm$ 2.207 χ^2 /NDF: 610.5/5

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.803+/-5.850 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.997+/-3.543 χ^2/NDF : 10.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

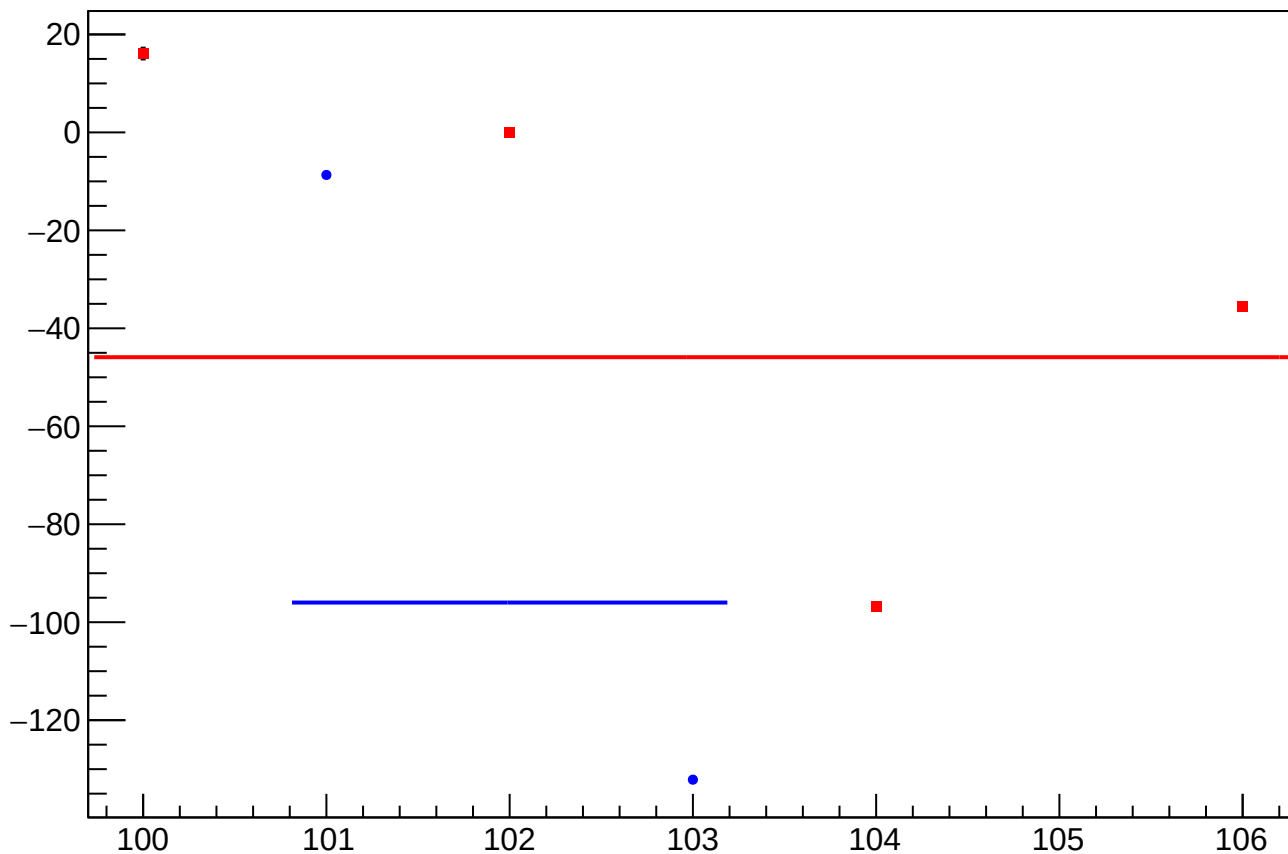
Right: 11.187+/-3.031 χ^2/NDF : 17.4/5

In: 0.803+/-5.850 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.187+/-3.031 χ^2/NDF : 17.4/5

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -95.984+/-0.194 χ^2/NDF : 83869.1/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -45.895+/-0.125 χ^2/NDF : 88434.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

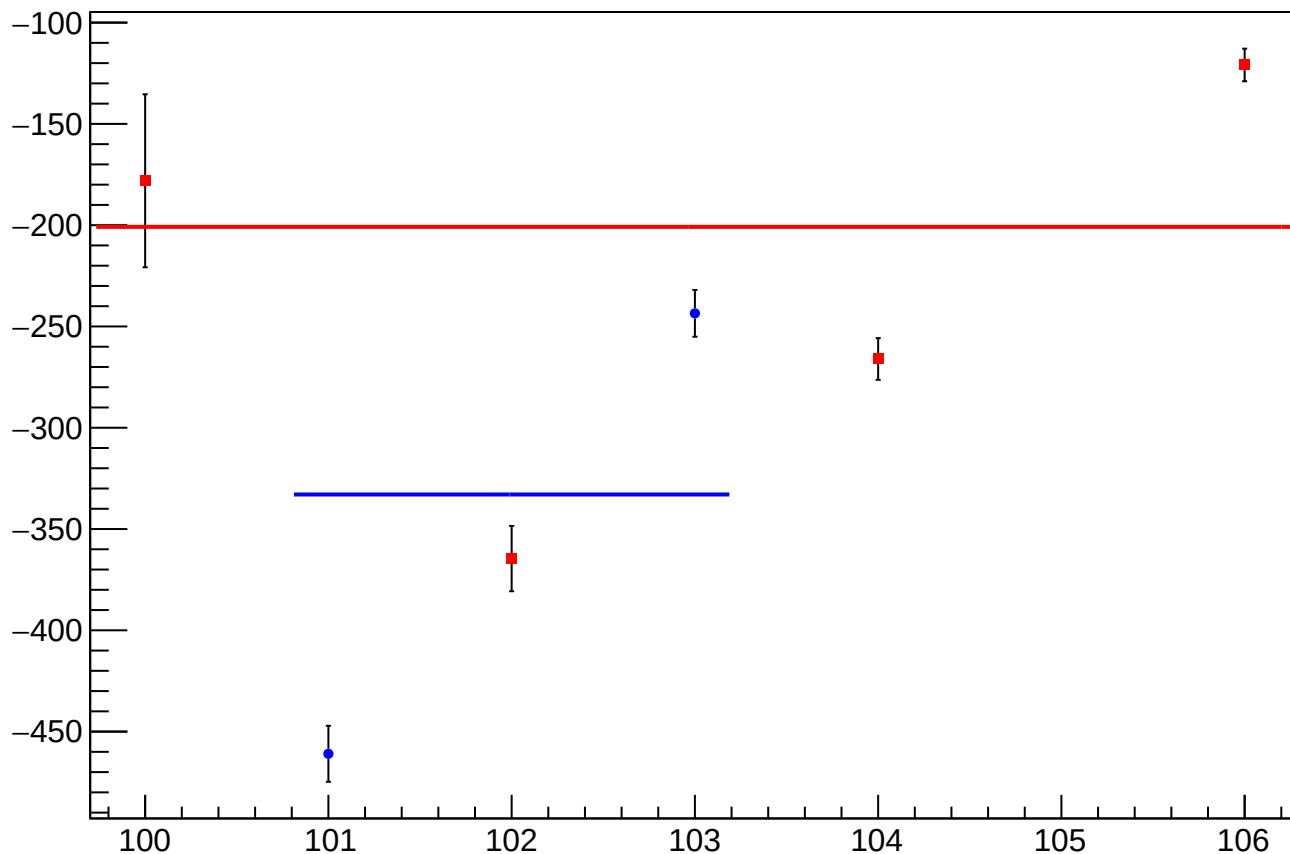
Right: -60.585+/-0.105 χ^2/NDF : 219410.0/5

In: -95.984+/-0.194 χ^2/NDF :83869.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.585+/-0.105 χ^2/NDF : 219410.0/5

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -332.948+/-8.861 χ^2/NDF : 145.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.841+/-5.845 χ^2/NDF : 242.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

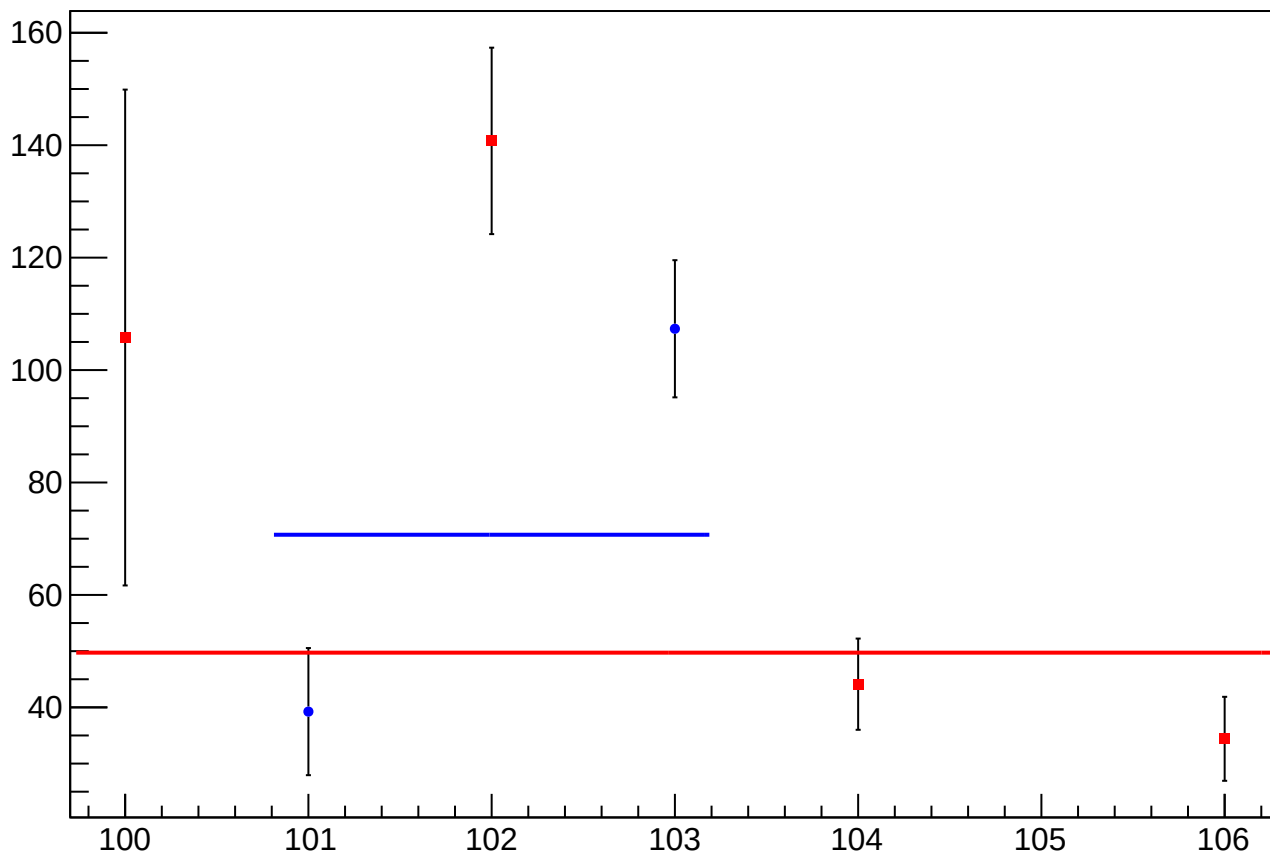
Right: -240.892+/-4.879 χ^2/NDF : 543.0/5

In: -332.948+/-8.861 χ^2/NDF : 145.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.892+/-4.879 χ^2/NDF : 543.0/5

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 70.707+/-8.293 χ^2/NDF : 16.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.732+/-5.180 χ^2/NDF : 36.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

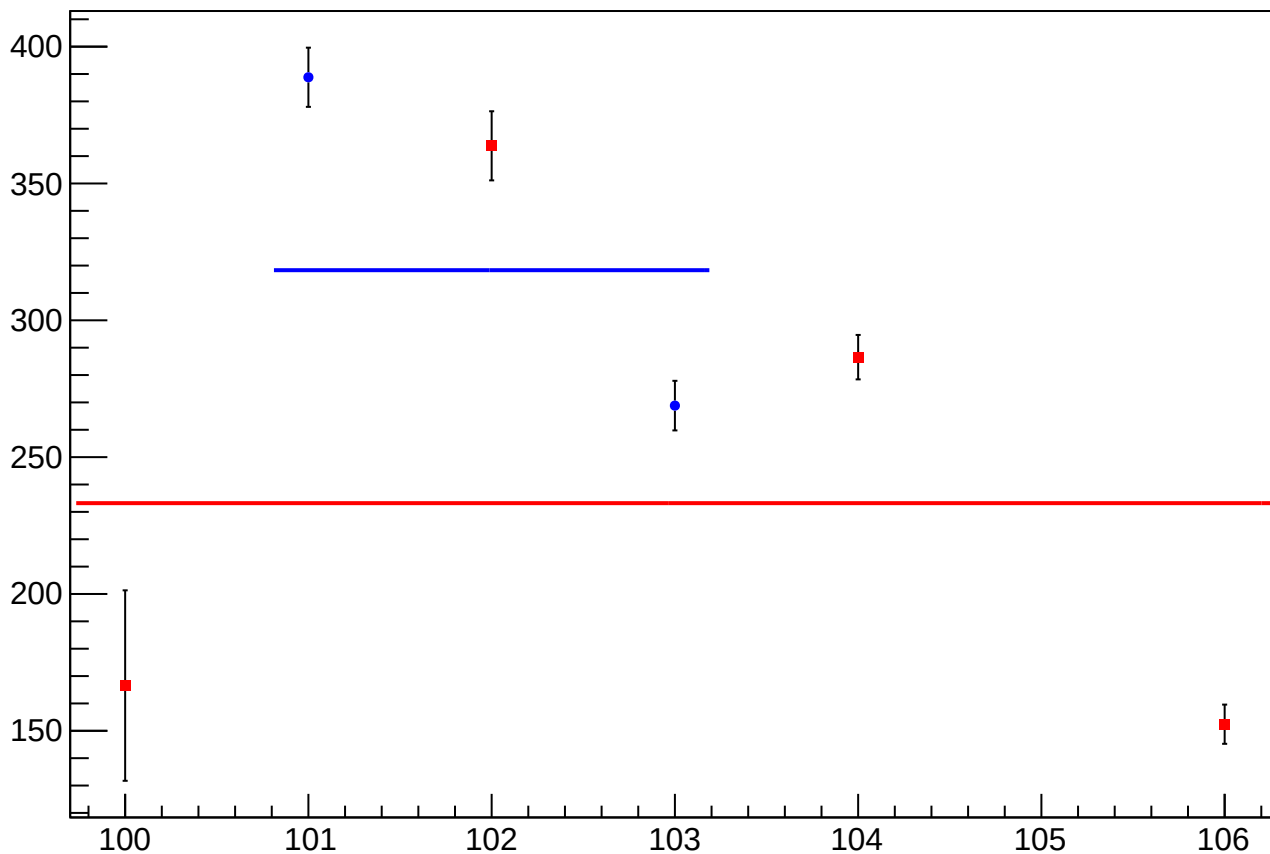
Right: 55.619+/-4.394 χ^2/NDF : 57.8/5

In: 70.707+/-8.293 χ^2/NDF : 16.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.619+/-4.394 χ^2/NDF : 57.8/5

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 318.314 $\pm$ 6.946 χ^2 /NDF: 72.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 233.188 $\pm$ 4.895 χ^2 /NDF: 280.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

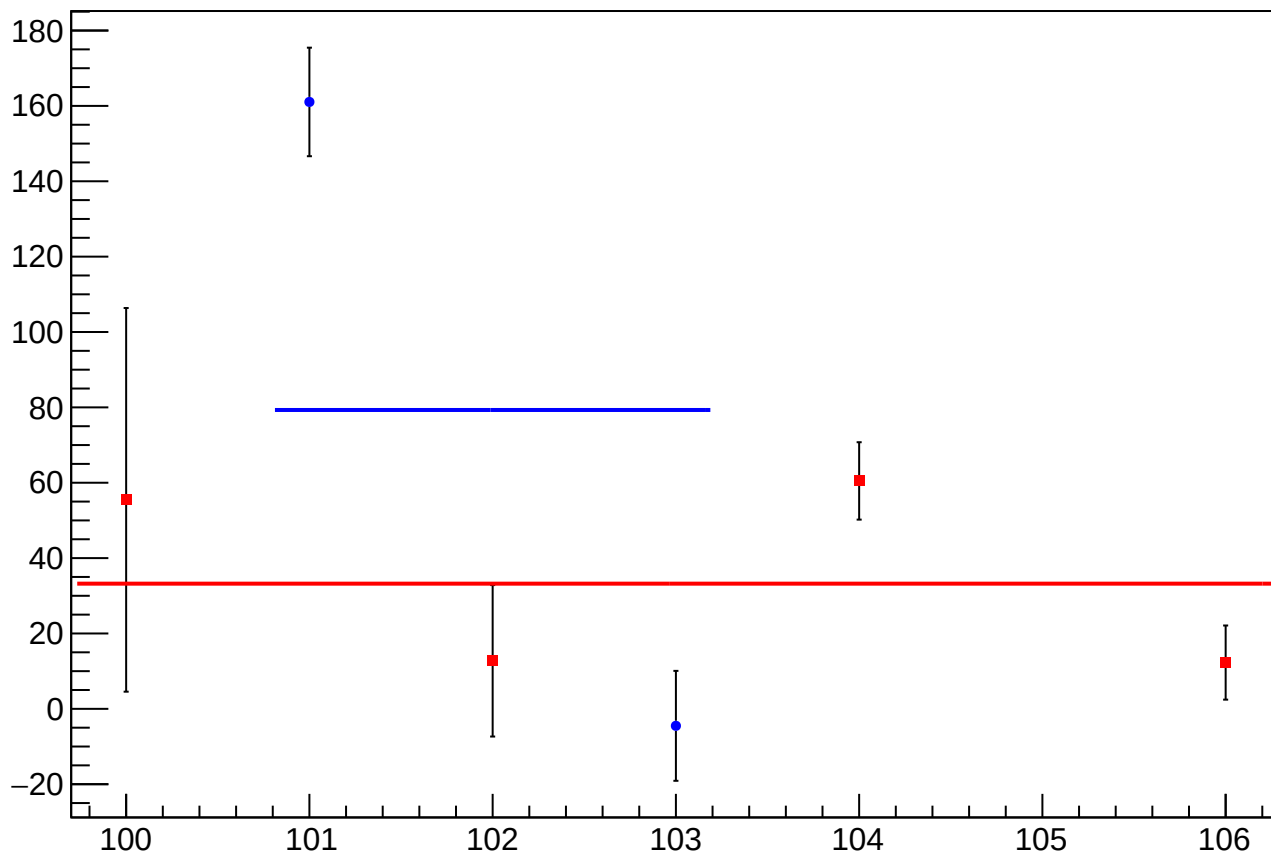
Right: 261.437 $\pm$ 4.001 χ^2 /NDF: 453.4/5

In: 318.314 $\pm$ 6.946 χ^2 /NDF:72.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.437 $\pm$ 4.001 χ^2 /NDF: 453.4/5

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 79.308+/-10.248 χ^2/NDF : 65.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.220+/-6.640 χ^2/NDF : 12.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

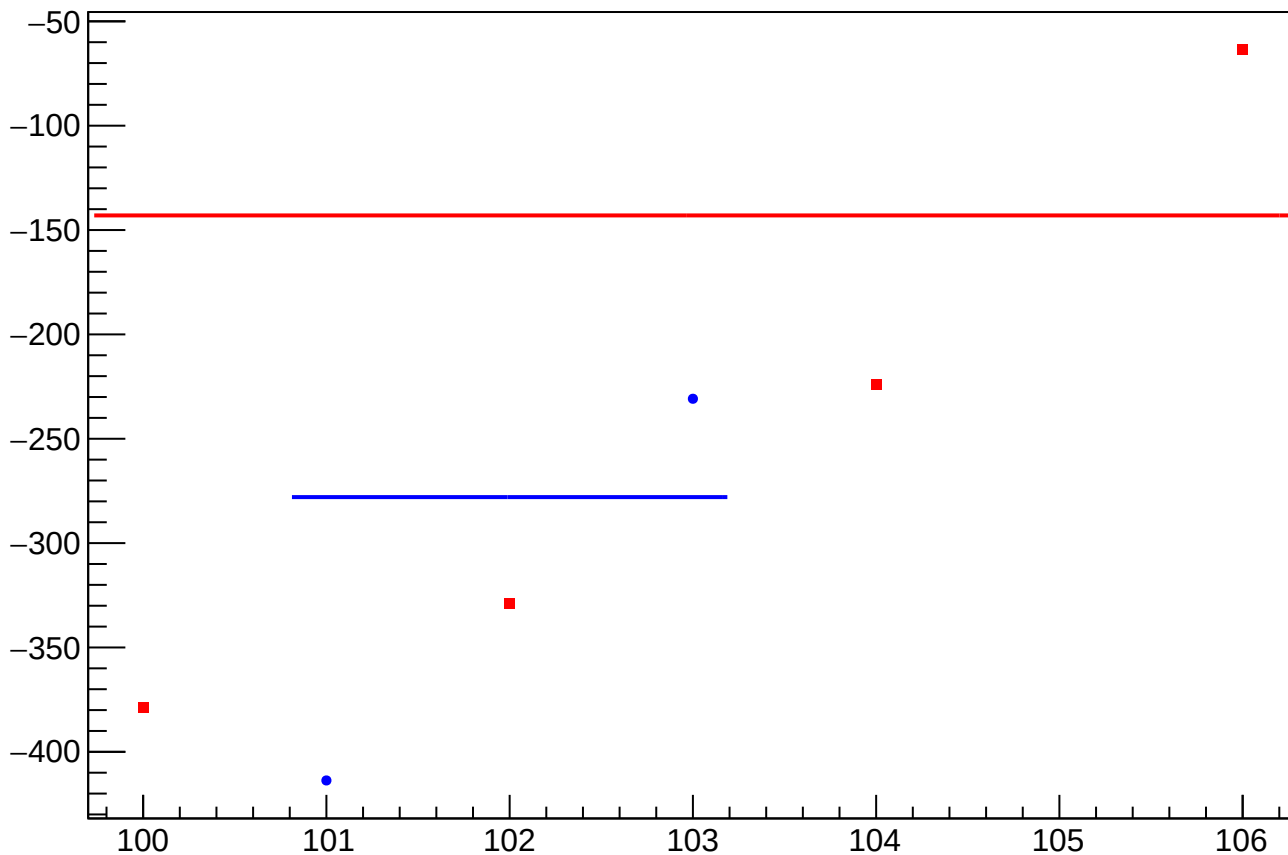
Right: 46.848+/-5.573 χ^2/NDF : 92.3/5

In: 79.308+/-10.248 χ^2/NDF : 65.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.848+/-5.573 χ^2/NDF : 92.3/5

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -277.953+/-0.328 χ^2/NDF : 59556.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -142.997+/-0.199 χ^2/NDF : 271673.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

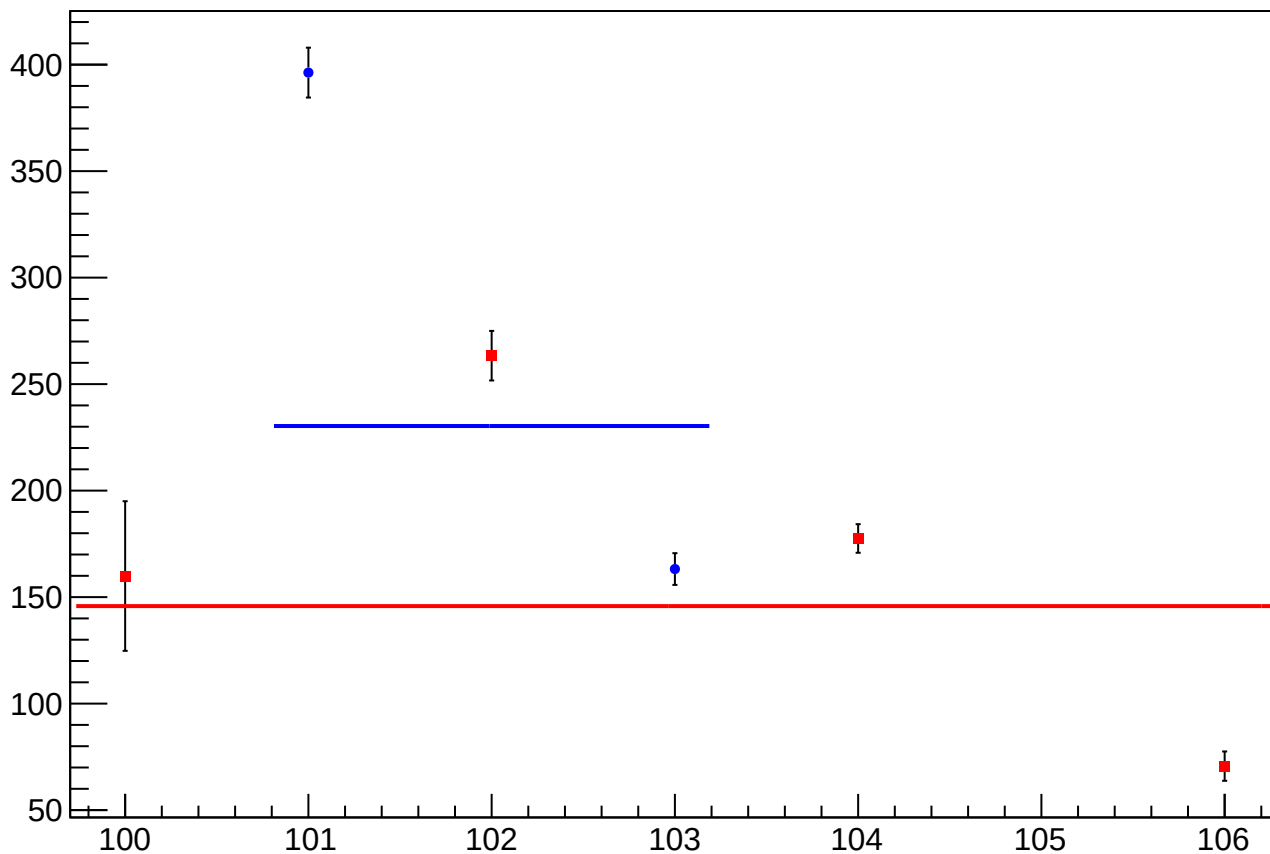
Right: -179.234+/-0.170 χ^2/NDF : 455273.3/5

In: -277.953+/-0.328 χ^2/NDF : 59556.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.234+/-0.170 χ^2/NDF : 455273.3/5

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 230.327+/-6.285 χ^2/NDF : 282.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.779+/-4.408 χ^2/NDF : 243.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

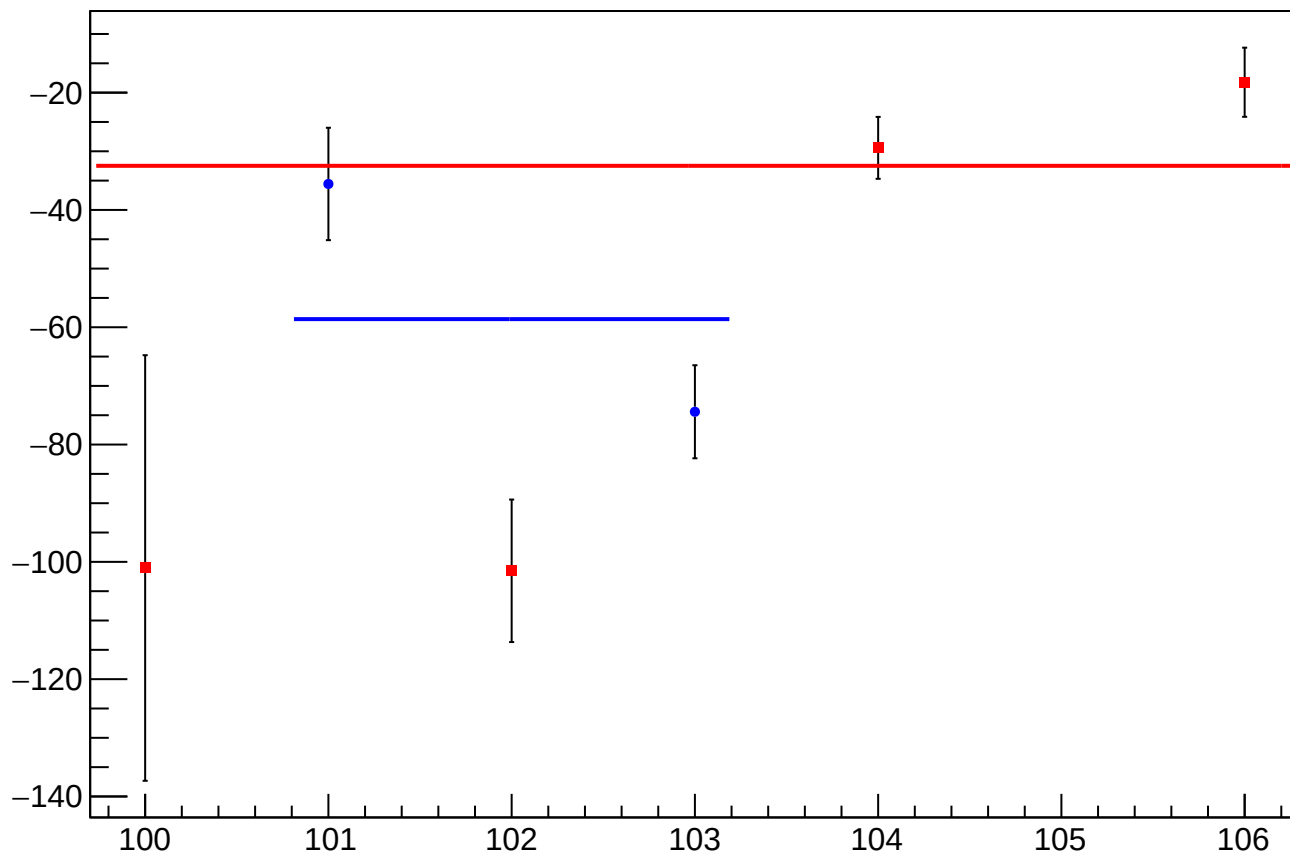
Right: 173.655+/-3.609 χ^2/NDF : 646.8/5

In: 230.327+/-6.285 χ^2/NDF : 282.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.655+/-3.609 χ^2/NDF : 646.8/5

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.615 $\pm$ 6.111 χ^2 /NDF: 9.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.476 $\pm$ 3.722 χ^2 /NDF: 42.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

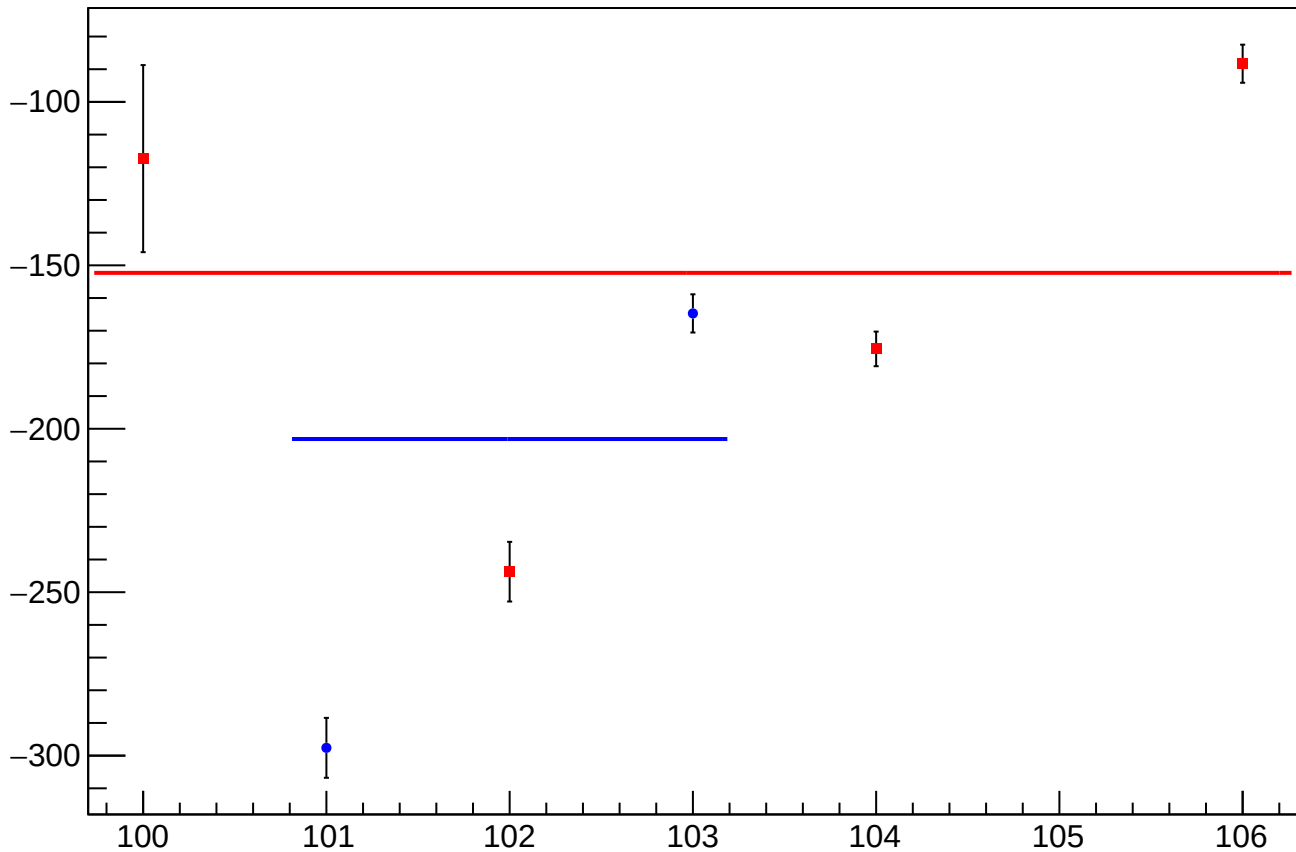
Right: -39.548 $\pm$ 3.178 χ^2 /NDF: 65.1/5

In: -58.615 $\pm$ 6.111 χ^2 /NDF: 9.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.548 $\pm$ 3.178 χ^2 /NDF: 65.1/5

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -203.133+/-4.929 χ^2/NDF : 149.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.301+/-3.573 χ^2/NDF : 241.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

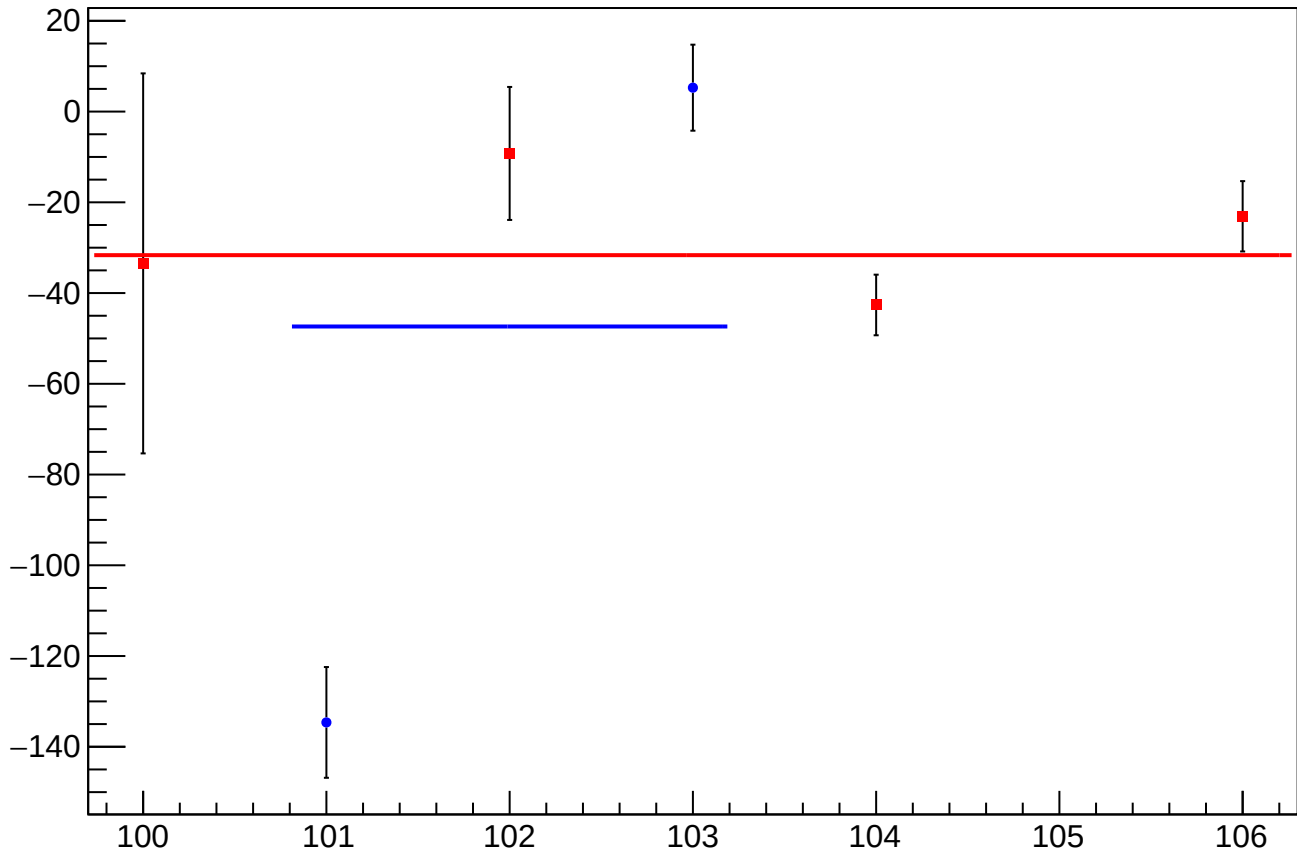
Right: -169.811+/-2.893 χ^2/NDF : 460.9/5

In: -203.133+/-4.929 χ^2/NDF : 149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.811+/-2.893 χ^2/NDF : 460.9/5

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.369+/-7.487 χ^2/NDF : 81.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -31.647+/-4.752 χ^2/NDF : 6.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

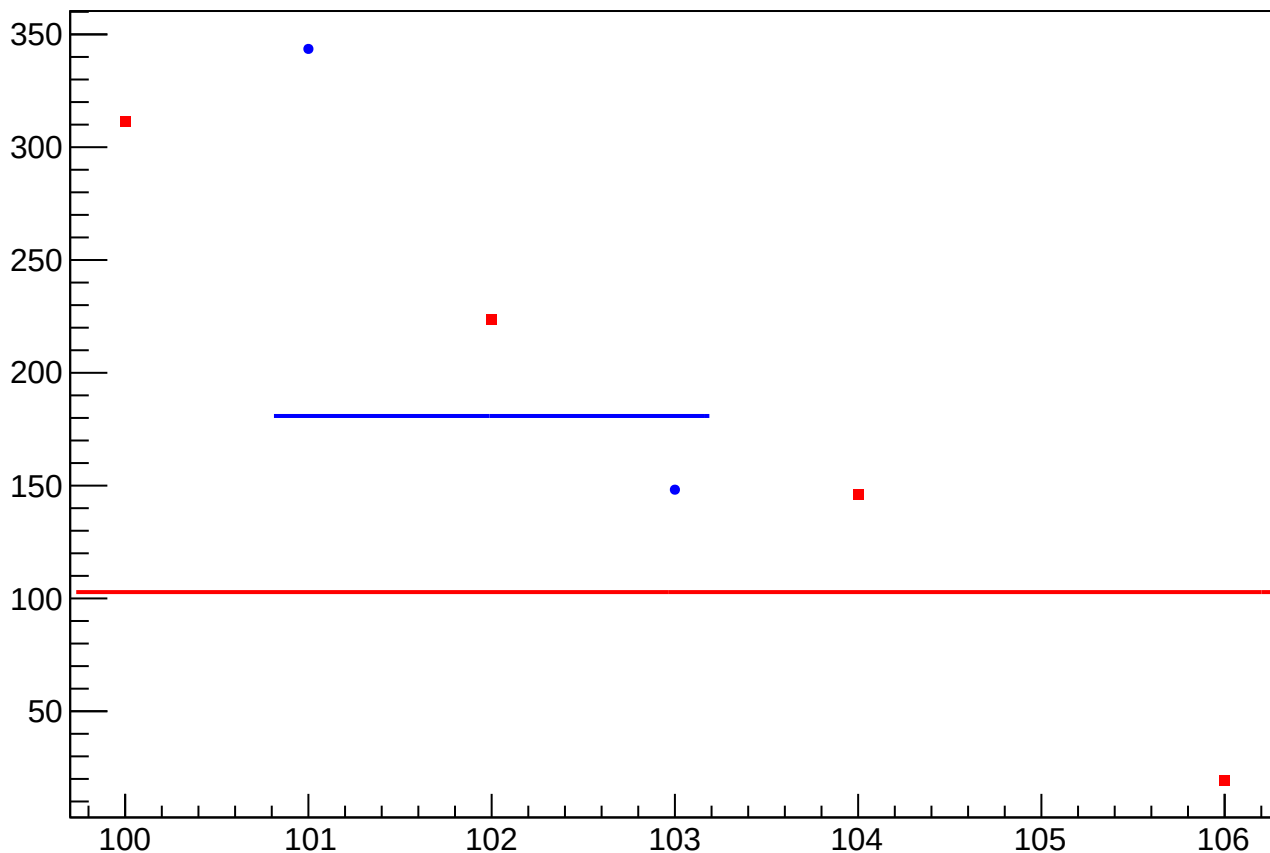
Right: -36.162+/-4.012 χ^2/NDF : 91.3/5

In: -47.369+/-7.487 χ^2/NDF : 81.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.162+/-4.012 χ^2/NDF : 91.3/5

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 180.869 $\pm$ 0.224 χ^2 /NDF: 106145.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.810 $\pm$ 0.157 χ^2 /NDF: 272538.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

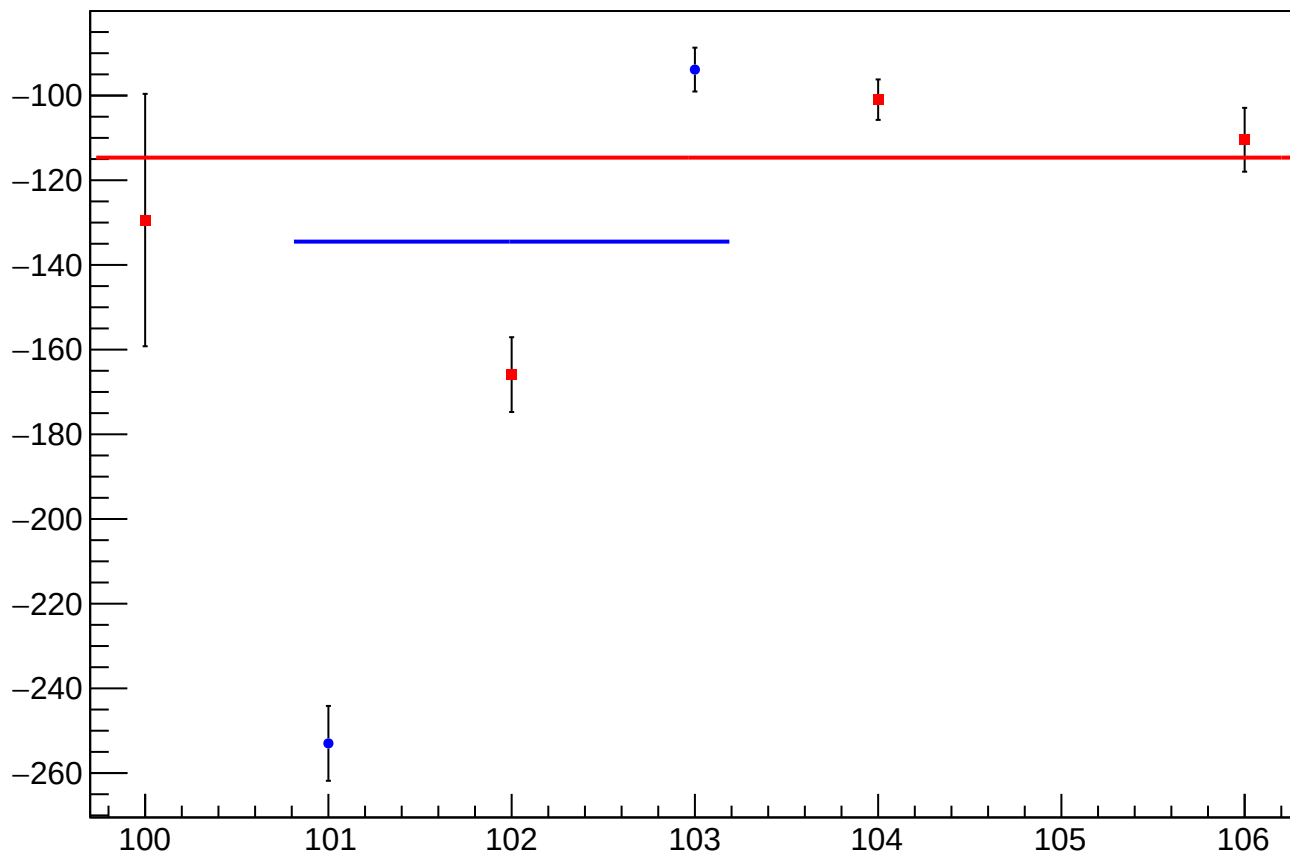
Right: 128.546 $\pm$ 0.128 χ^2 /NDF: 460253.6/5

In: 180.869 $\pm$ 0.224 χ^2 /NDF:106145.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.546 $\pm$ 0.128 χ^2 /NDF: 460253.6/5

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -134.494 ± 4.467 $\chi^2/\text{NDF}: 241.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -114.656 ± 3.643 $\chi^2/\text{NDF}: 42.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

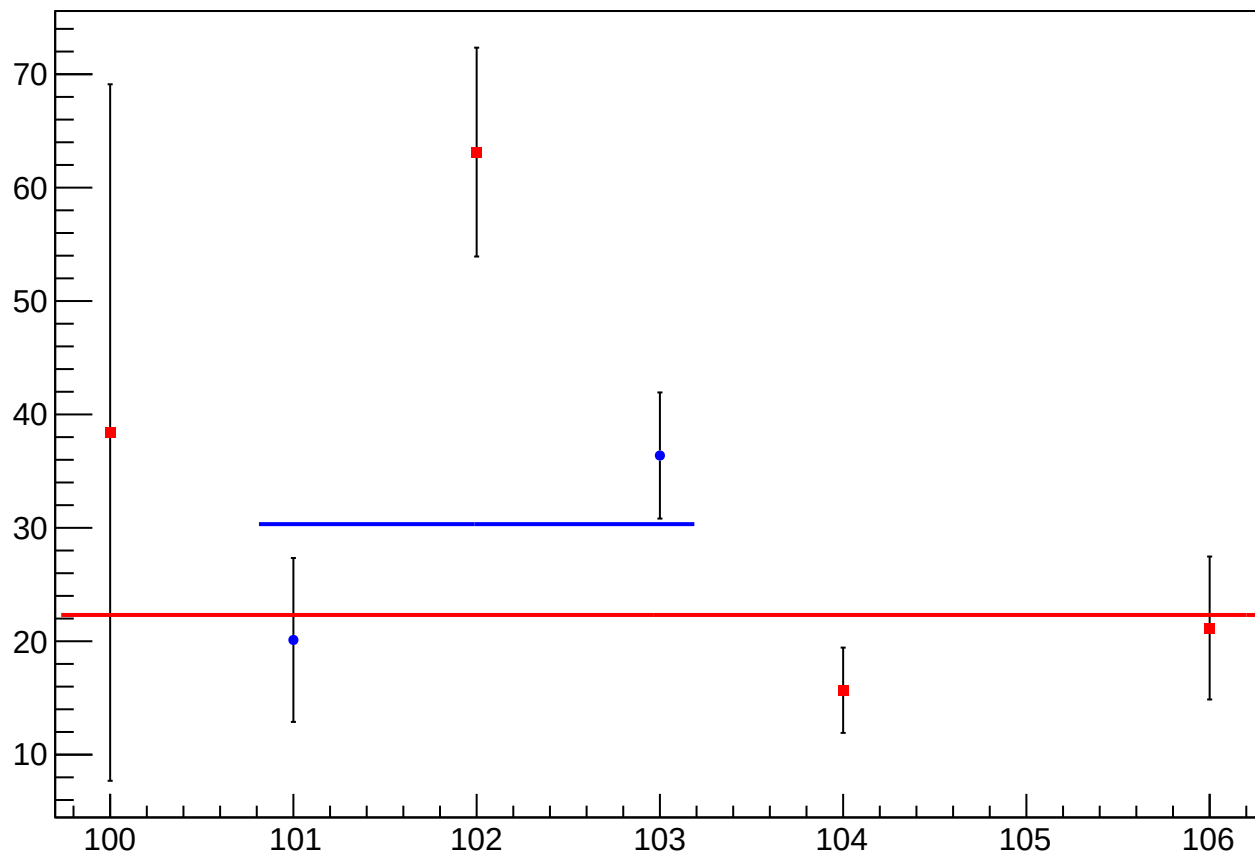
Right: -122.581 ± 2.823 $\chi^2/\text{NDF}: 295.6/5$

In: -134.494 ± 4.467 $\chi^2/\text{NDF}: 241.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -122.581 ± 2.823 $\chi^2/\text{NDF}: 295.6/5$

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 30.328+/-4.407 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.318+/-3.032 χ^2/NDF : 23.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

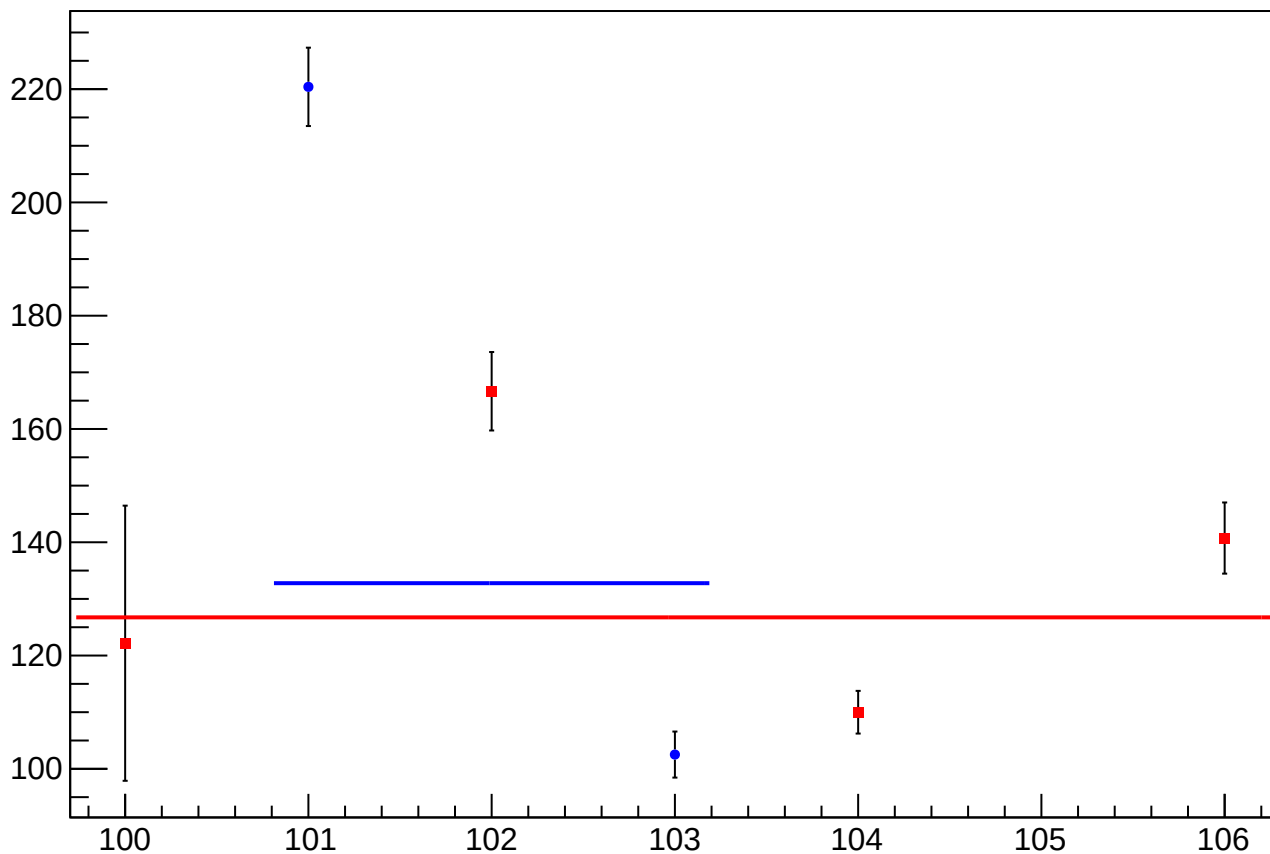
Right: 24.891+/-2.498 χ^2/NDF : 28.5/5

In: 30.328+/-4.407 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.891+/-2.498 χ^2/NDF : 28.5/5

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 132.776+/-3.505 χ^2/NDF : 215.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.741+/-2.907 χ^2/NDF : 58.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

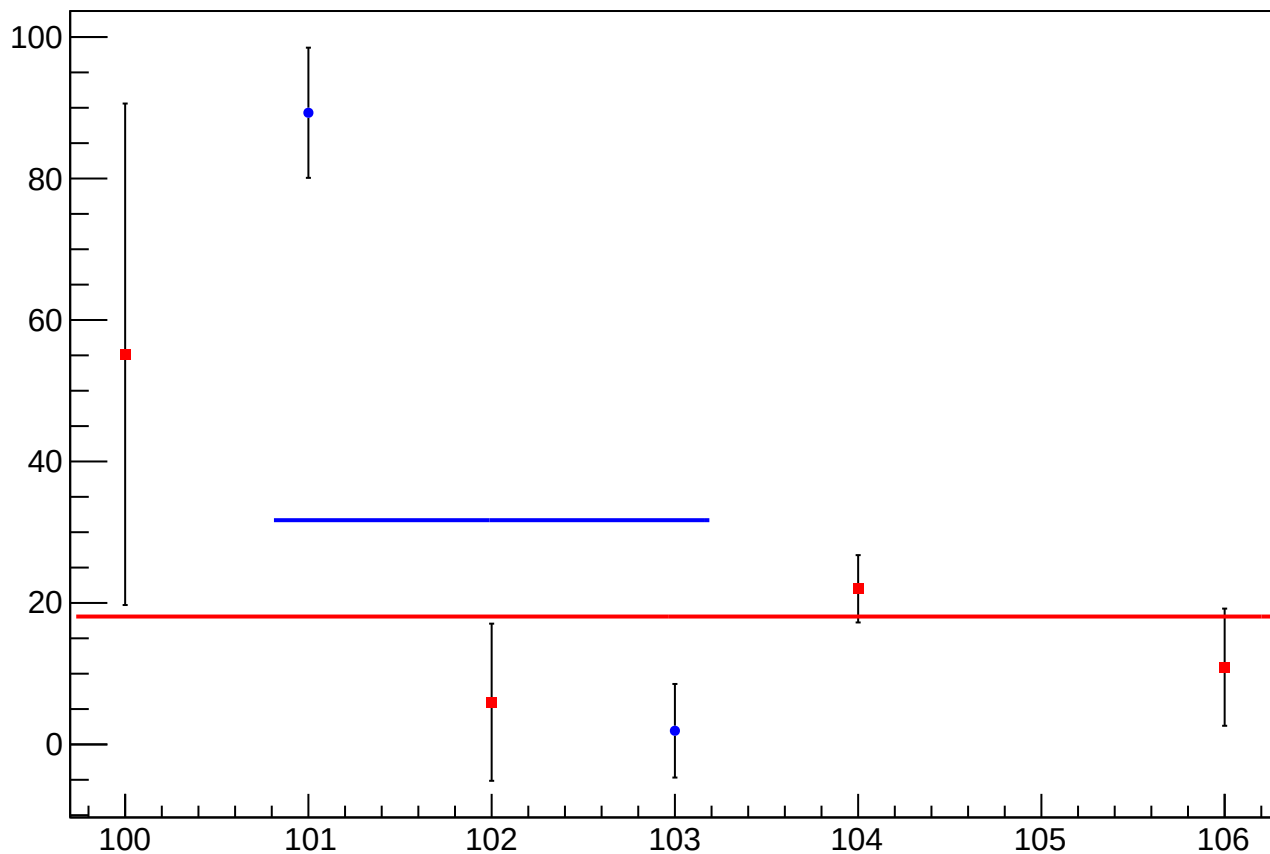
Right: 129.201+/-2.238 χ^2/NDF : 275.6/5

In: 132.776+/-3.505 χ^2/NDF : 215.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.201+/-2.238 χ^2/NDF : 275.6/5

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.699+/-5.371 χ^2/NDF : 59.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.079+/-3.846 χ^2/NDF : 3.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

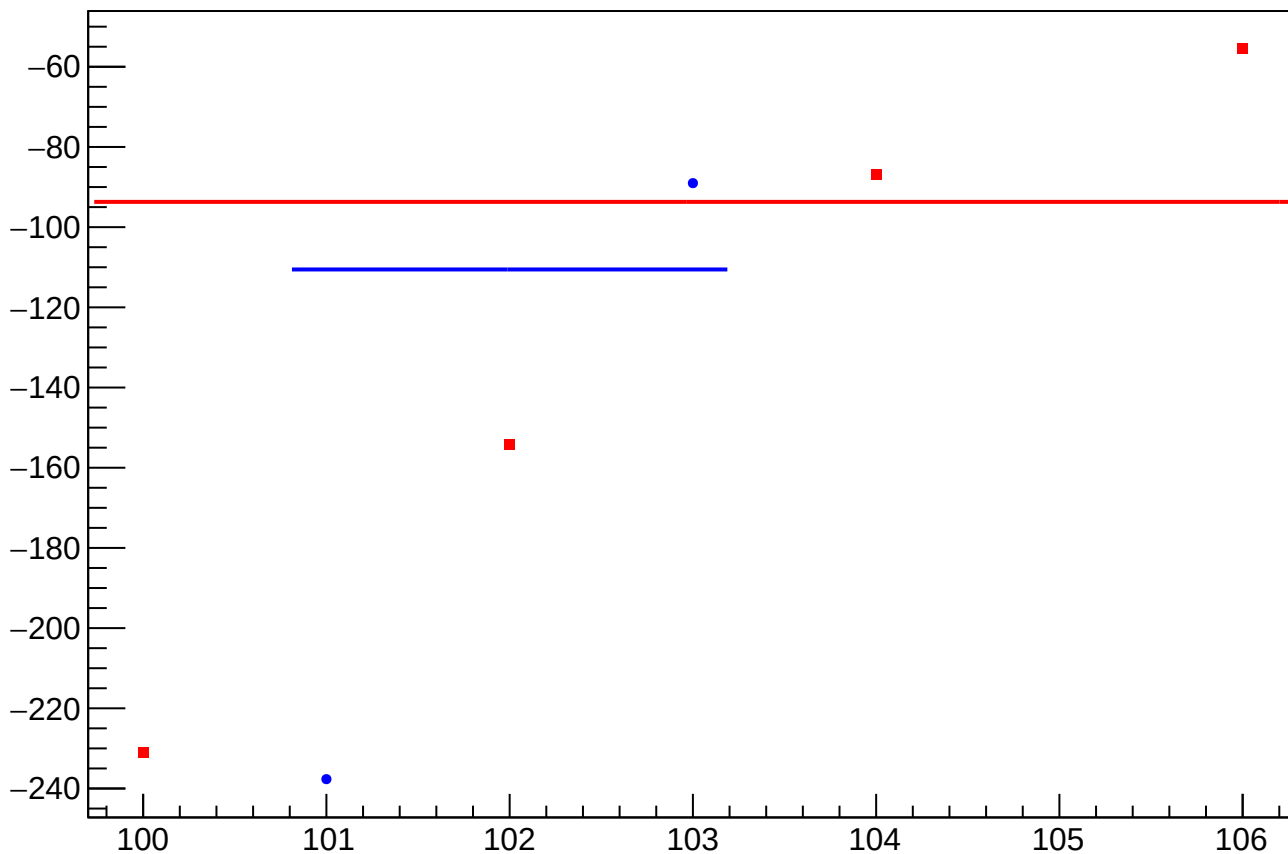
Right: 22.695+/-3.127 χ^2/NDF : 67.4/5

In: 31.699+/-5.371 χ^2/NDF : 59.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.695+/-3.127 χ^2/NDF : 67.4/5

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -110.552+/-0.157 χ^2/NDF : 111285.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -93.694+/-0.132 χ^2/NDF : 76637.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

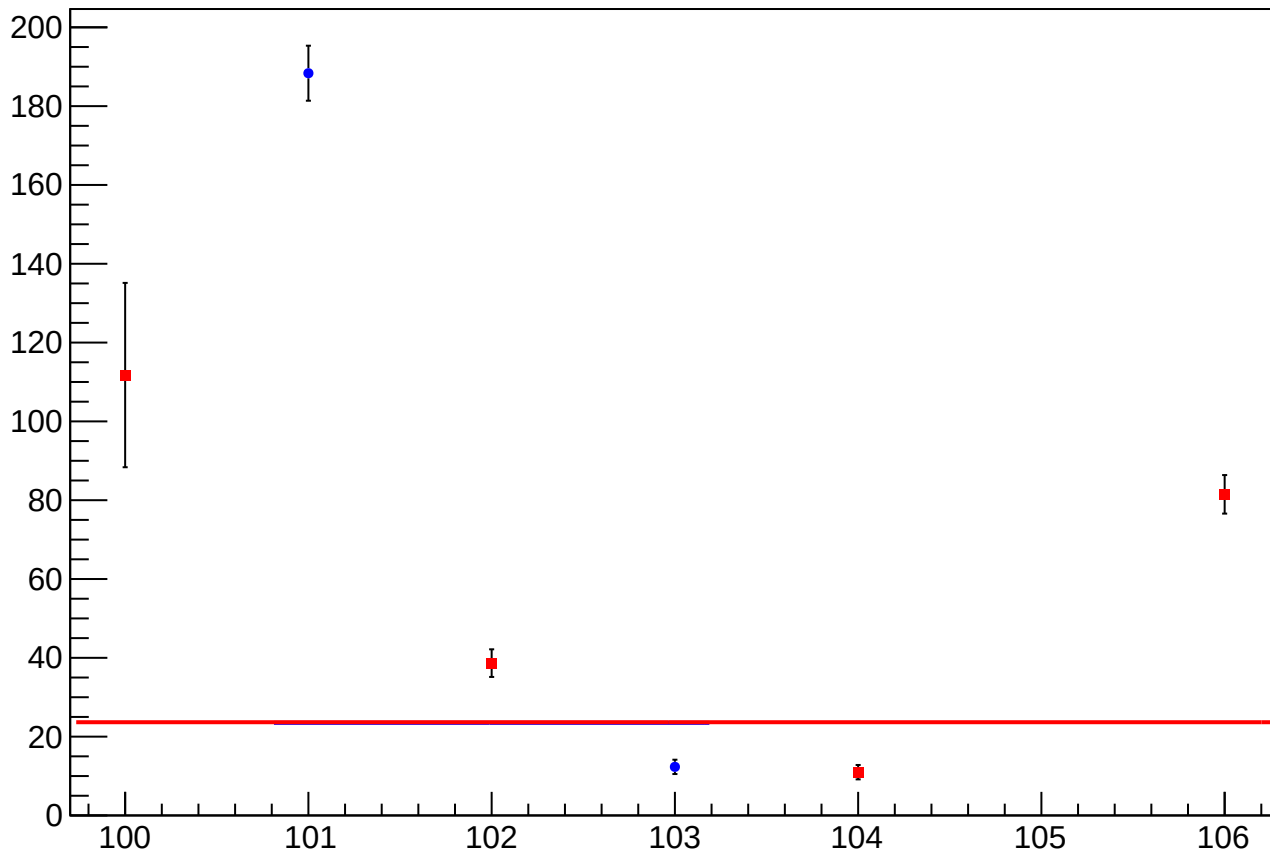
Right: -100.690+/-0.101 χ^2/NDF : 194682.5/5

In: -110.552+/-0.157 χ^2/NDF : 111285.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.690+/-0.101 χ^2/NDF : 194682.5/5

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.502+/-1.759 χ^2/NDF : 595.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.660+/-1.535 χ^2/NDF : 220.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

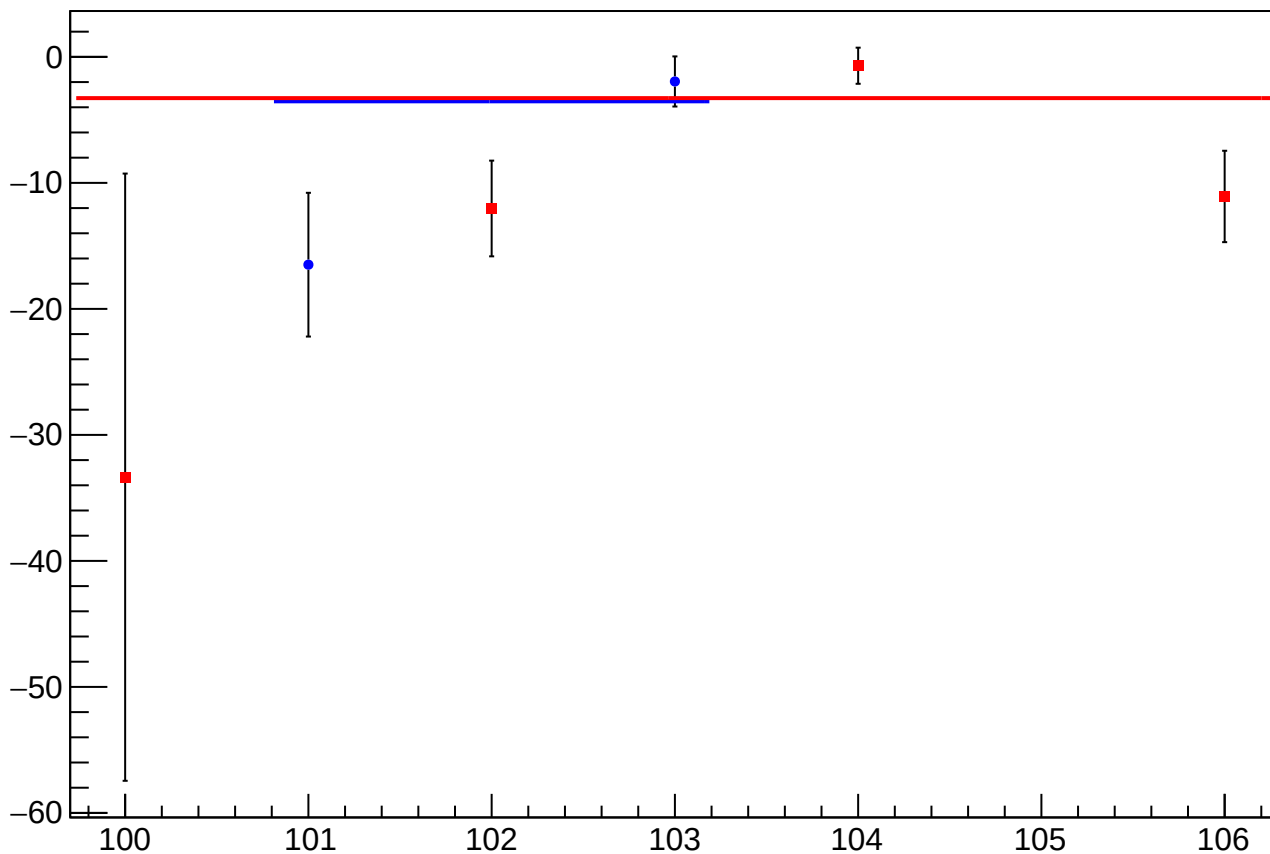
Right: 23.591+/-1.156 χ^2/NDF : 815.9/5

In: 23.502+/-1.759 χ^2/NDF : 595.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.591+/-1.156 χ^2/NDF : 815.9/5

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.527+/-1.878 χ^2/NDF : 5.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.274+/-1.256 χ^2/NDF : 14.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

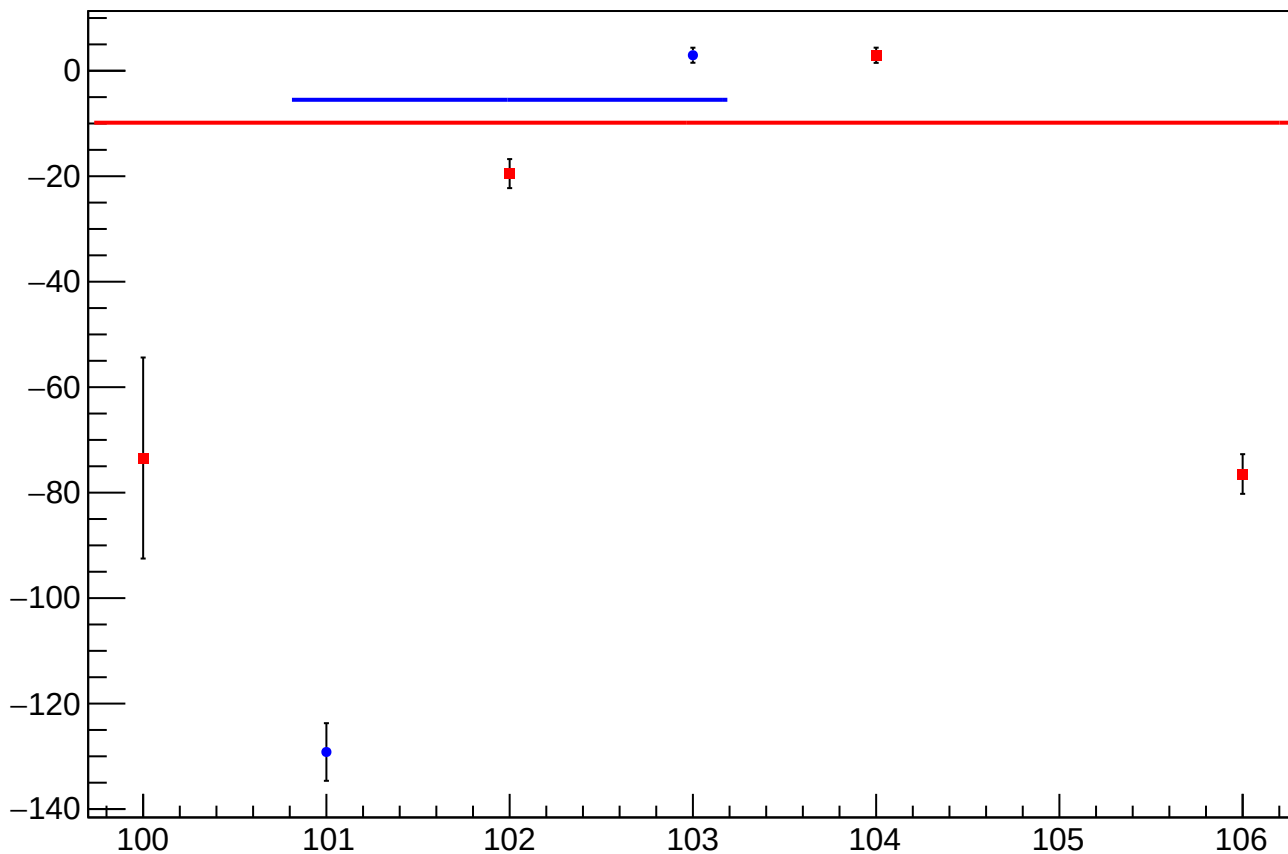
Right: -3.352+/-1.044 χ^2/NDF : 20.5/5

In: -3.527+/-1.878 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.352+/-1.044 χ^2/NDF : 20.5/5

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.505+/-1.381 χ^2/NDF : 547.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.849+/-1.207 χ^2/NDF : 415.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

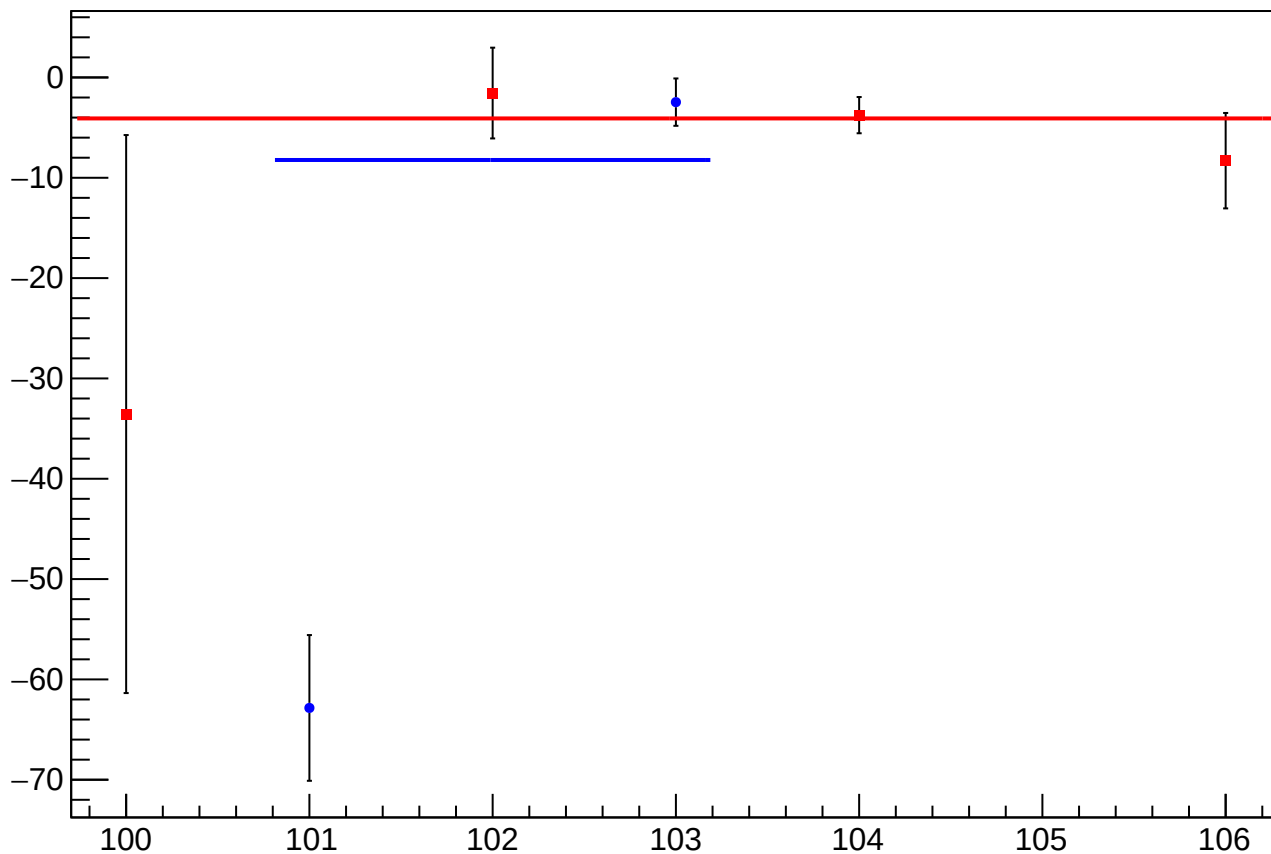
Right: -7.969+/-0.909 χ^2/NDF : 969.0/5

In: -5.505+/-1.381 χ^2/NDF : 547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.969+/-0.909 χ^2/NDF : 969.0/5

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.227+/-2.245 χ^2/NDF : 62.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.085+/-1.579 χ^2/NDF : 2.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

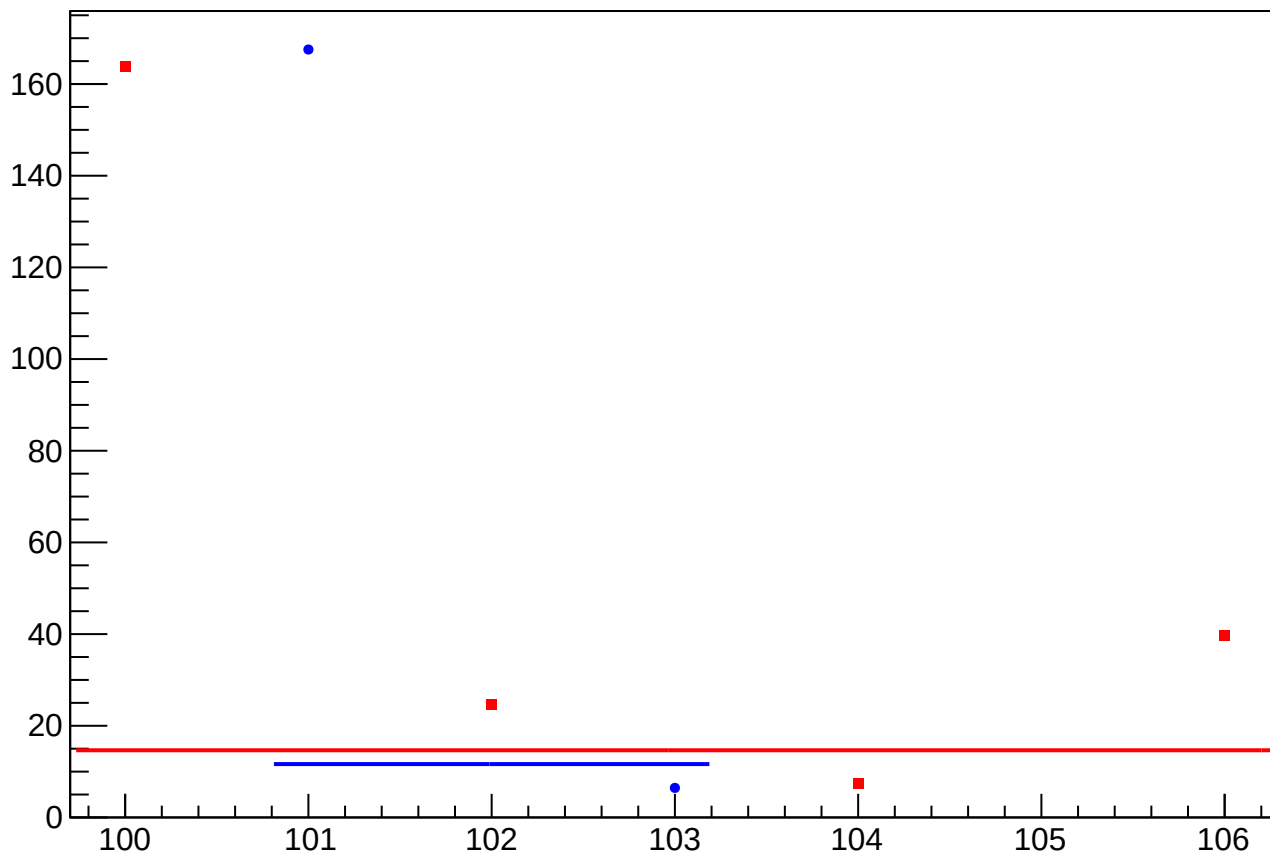
Right: -5.456+/-1.291 χ^2/NDF : 67.0/5

In: -8.227+/-2.245 χ^2/NDF : 62.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.456+/-1.291 χ^2/NDF : 67.0/5

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.643+/-0.058 χ^2/NDF : 237680.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.658+/-0.056 χ^2/NDF : 59401.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

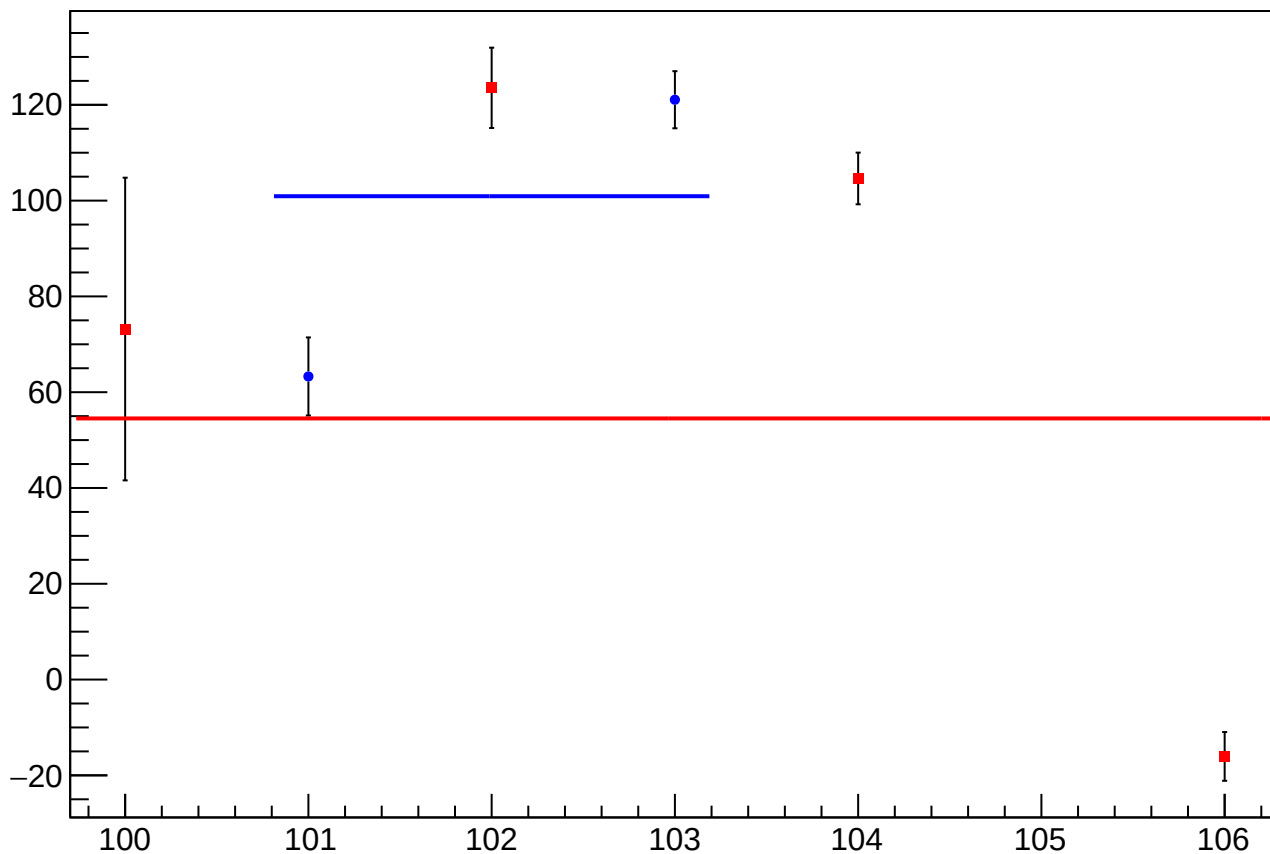
Right: 13.206+/-0.040 χ^2/NDF : 298466.7/5

In: 11.643+/-0.058 χ^2/NDF : 237680.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.206+/-0.040 χ^2/NDF : 298466.7/5

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 100.919 $\pm$ 4.813 χ^2 /NDF: 32.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.519 $\pm$ 3.368 χ^2 /NDF: 346.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

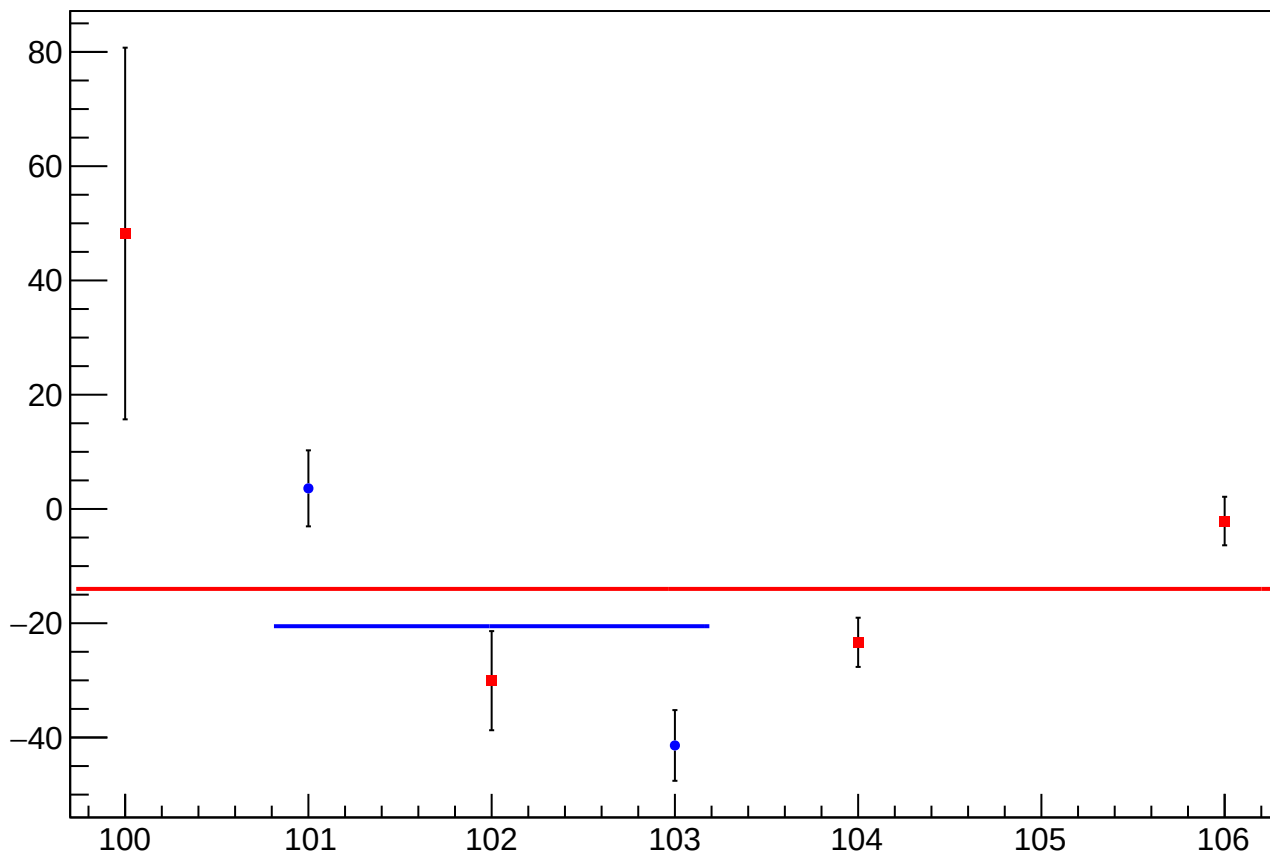
Right: 69.773 $\pm$ 2.760 χ^2 /NDF: 441.5/5

In: 100.919 $\pm$ 4.813 χ^2 /NDF: 32.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.773 $\pm$ 2.760 χ^2 /NDF: 441.5/5

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.522 $\pm$ 4.531 χ^2 /NDF: 24.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.992 $\pm$ 2.845 χ^2 /NDF: 19.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

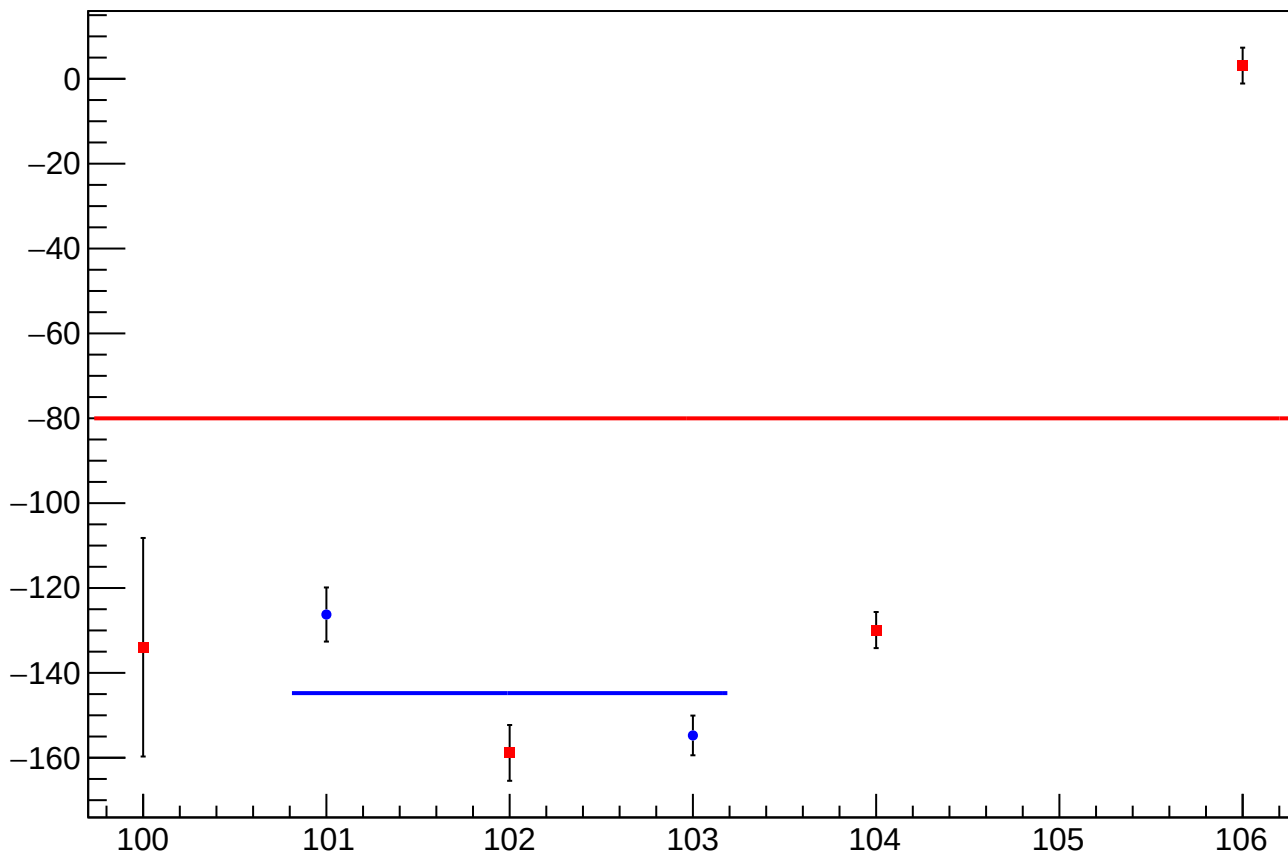
Right: -15.838 $\pm$ 2.409 χ^2 /NDF: 45.6/5

In: -20.522 $\pm$ 4.531 χ^2 /NDF: 24.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.838 $\pm$ 2.409 χ^2 /NDF: 45.6/5

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -144.769+/-3.772 χ^2/NDF : 13.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.016+/-2.713 χ^2/NDF : 673.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

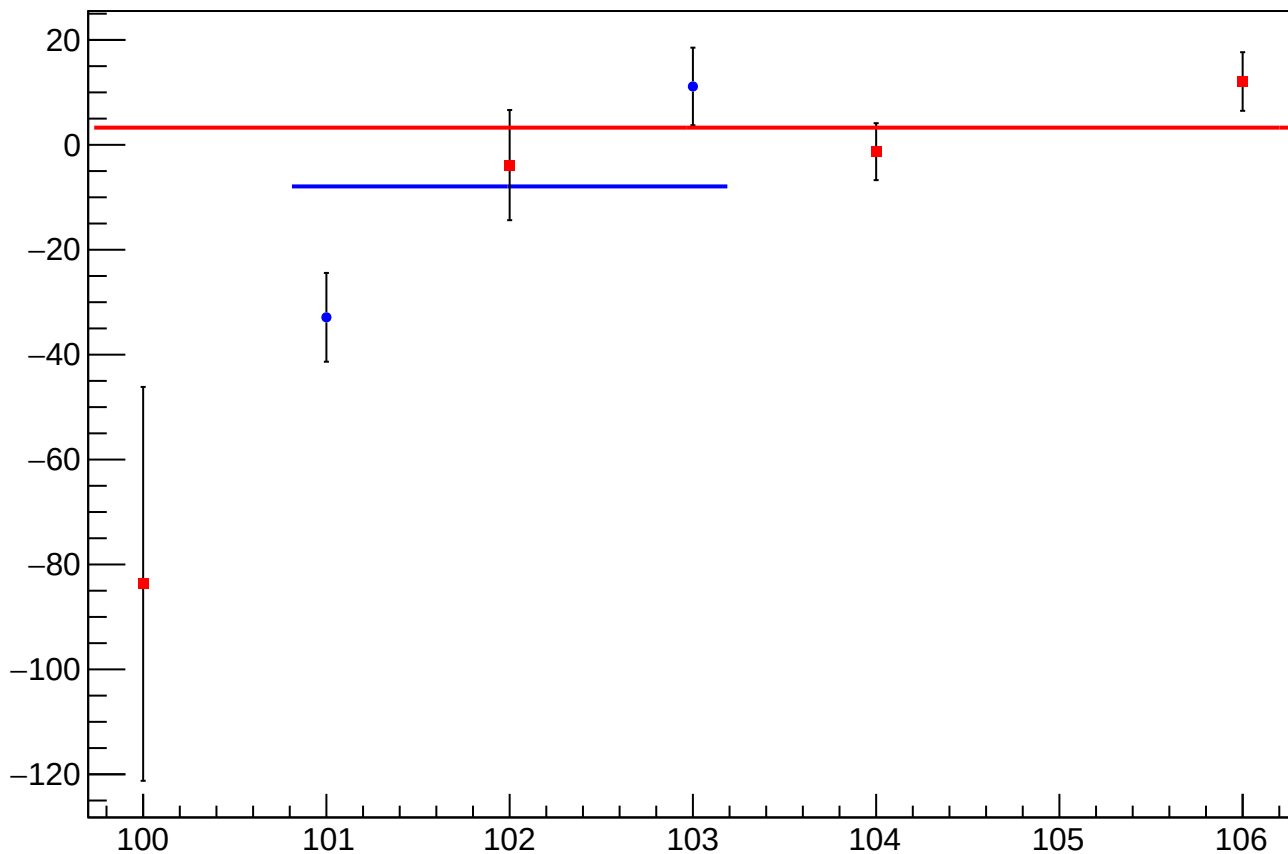
Right: -102.089+/-2.202 χ^2/NDF : 880.2/5

In: -144.769+/-3.772 χ^2/NDF : 13.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.089+/-2.202 χ^2/NDF : 880.2/5

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.926+/-5.570 χ^2/NDF : 15.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.279+/-3.633 χ^2/NDF : 9.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

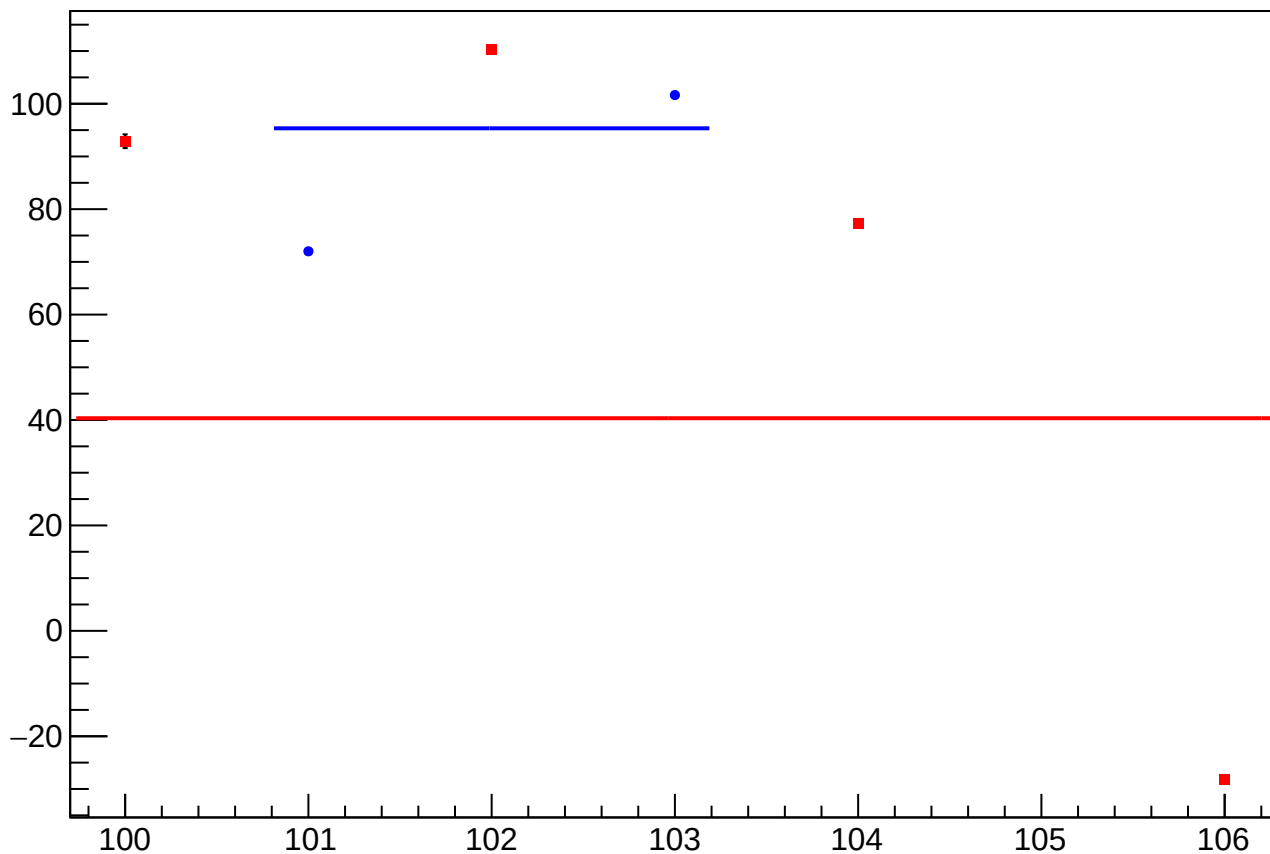
Right: -0.066+/-3.043 χ^2/NDF : 27.2/5

In: -7.926+/-5.570 χ^2/NDF : 15.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.066+/-3.043 χ^2/NDF : 27.2/5

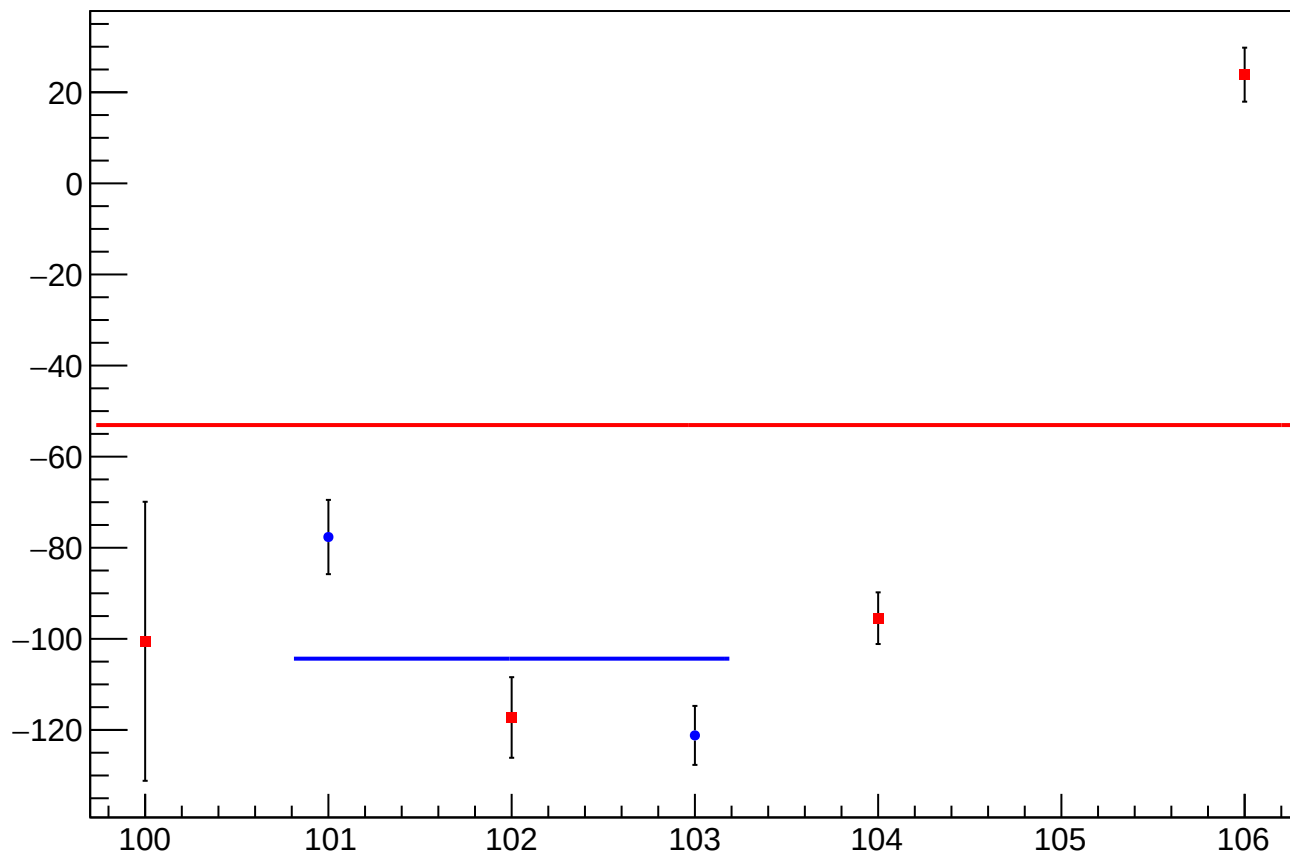
reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.342 ± 0.174 $\chi^2/\text{NDF}: 4852.2/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 40.339 ± 0.127 $\chi^2/\text{NDF}: 215346.0/3$
 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: 59.368 ± 0.102 $\chi^2/\text{NDF}: 285444.6/5$
 In: 95.342 ± 0.174 $\chi^2/\text{NDF}: 4852.2/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 59.368 ± 0.102 $\chi^2/\text{NDF}: 285444.6/5$

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -104.351+/-5.070 χ^2/NDF : 17.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.064+/-3.692 χ^2/NDF : 279.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

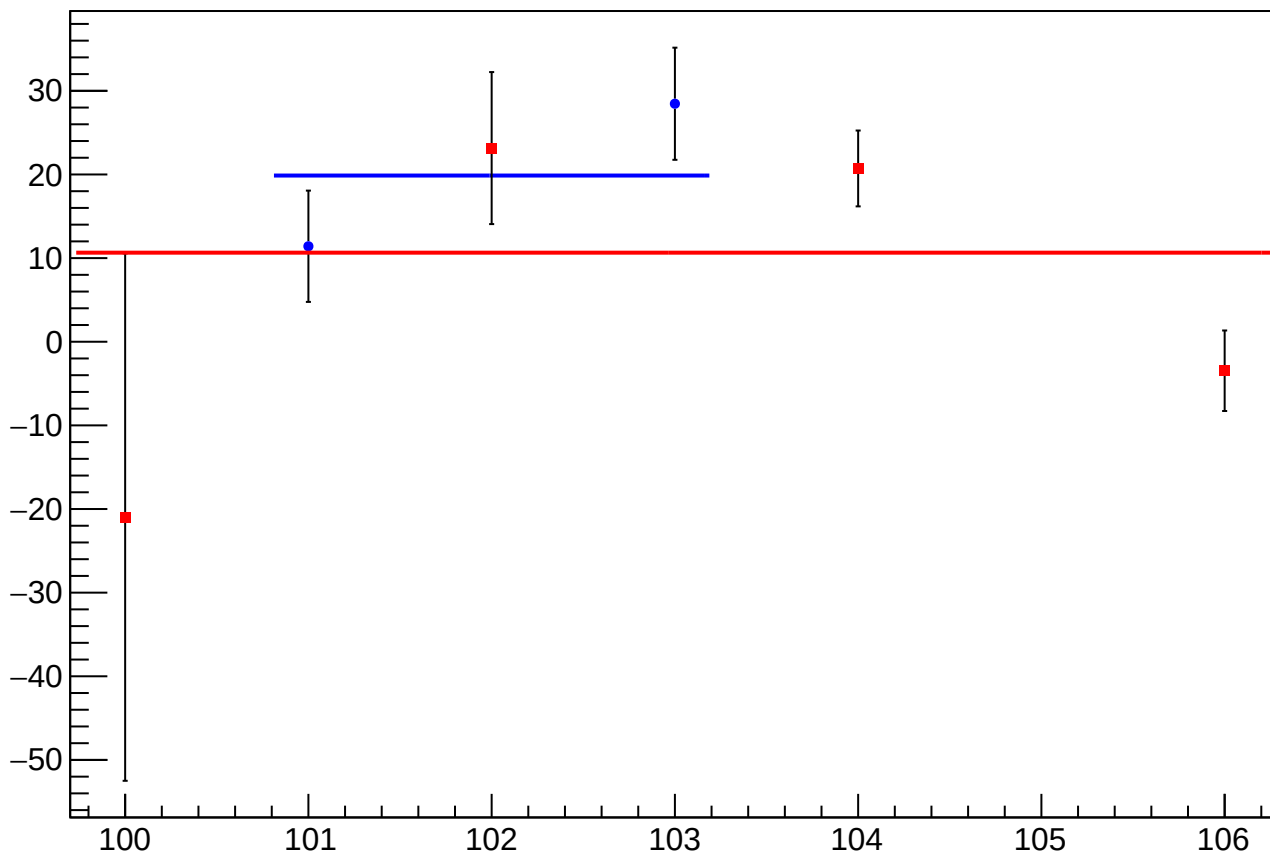
Right: -70.834+/-2.984 χ^2/NDF : 363.7/5

In: -104.351+/-5.070 χ^2/NDF : 17.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.834+/-2.984 χ^2/NDF : 363.7/5

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.872+/-4.723 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.650+/-3.087 χ^2/NDF : 16.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

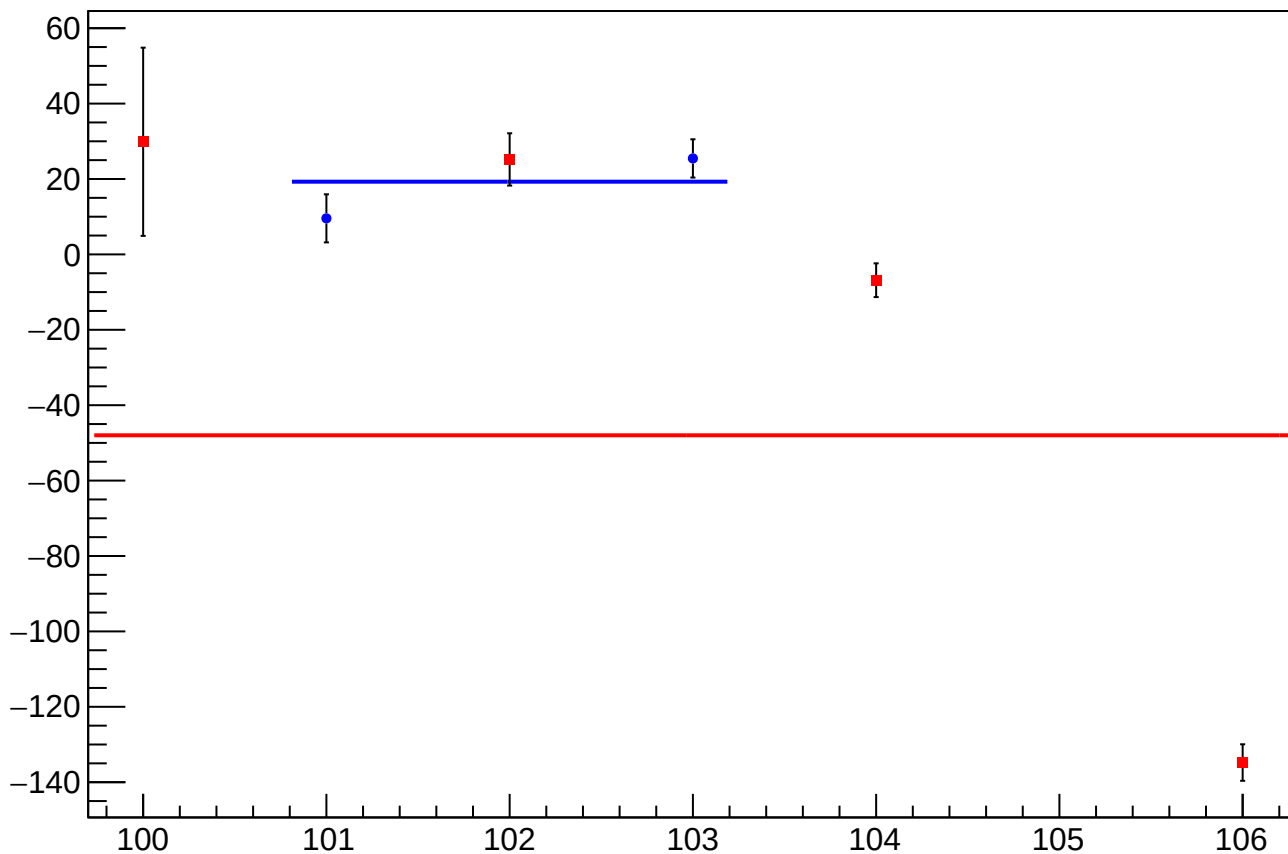
Right: 13.412+/-2.584 χ^2/NDF : 22.4/5

In: 19.872+/-4.723 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.412+/-2.584 χ^2/NDF : 22.4/5

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 19.286+/-3.973 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.985+/-2.949 χ^2/NDF : 526.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

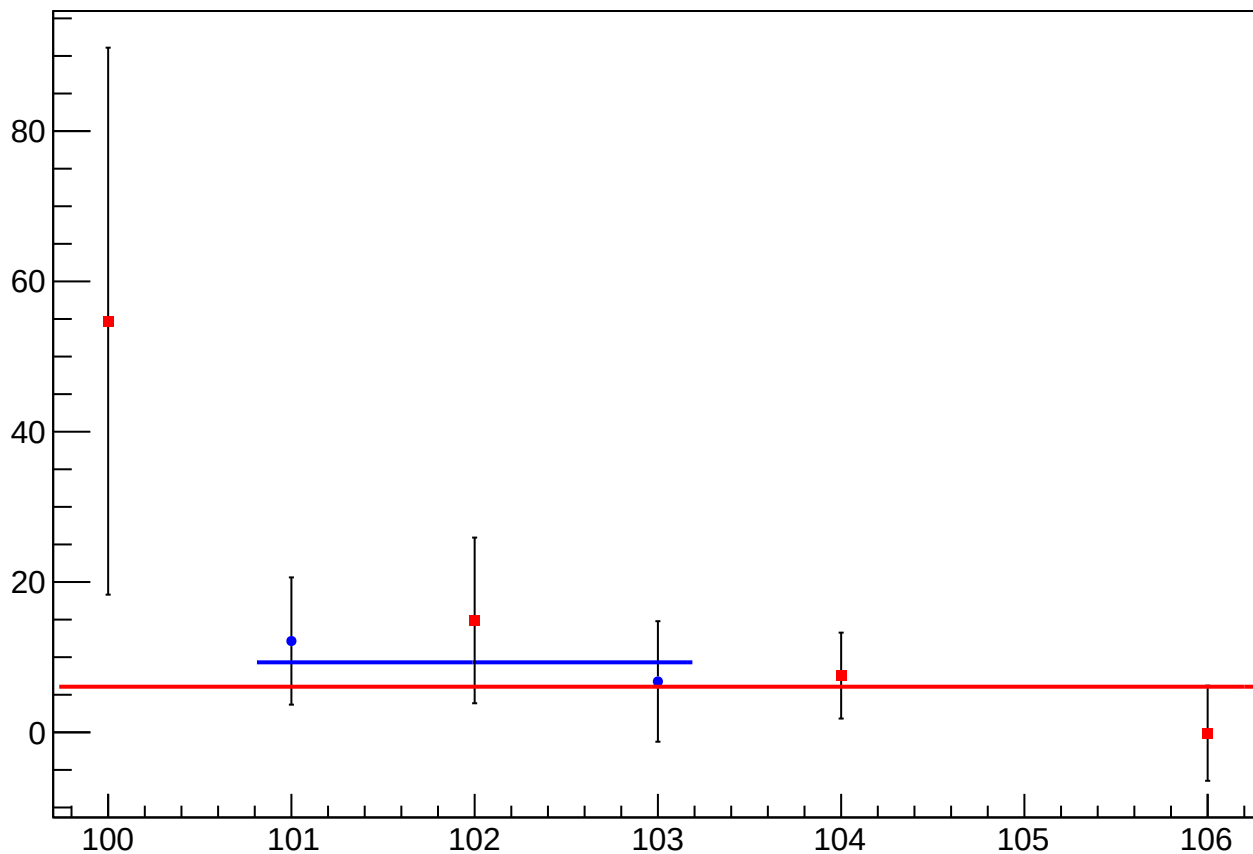
Right: -24.086+/-2.368 χ^2/NDF : 715.5/5

In: 19.286+/-3.973 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.086+/-2.368 χ^2/NDF : 715.5/5

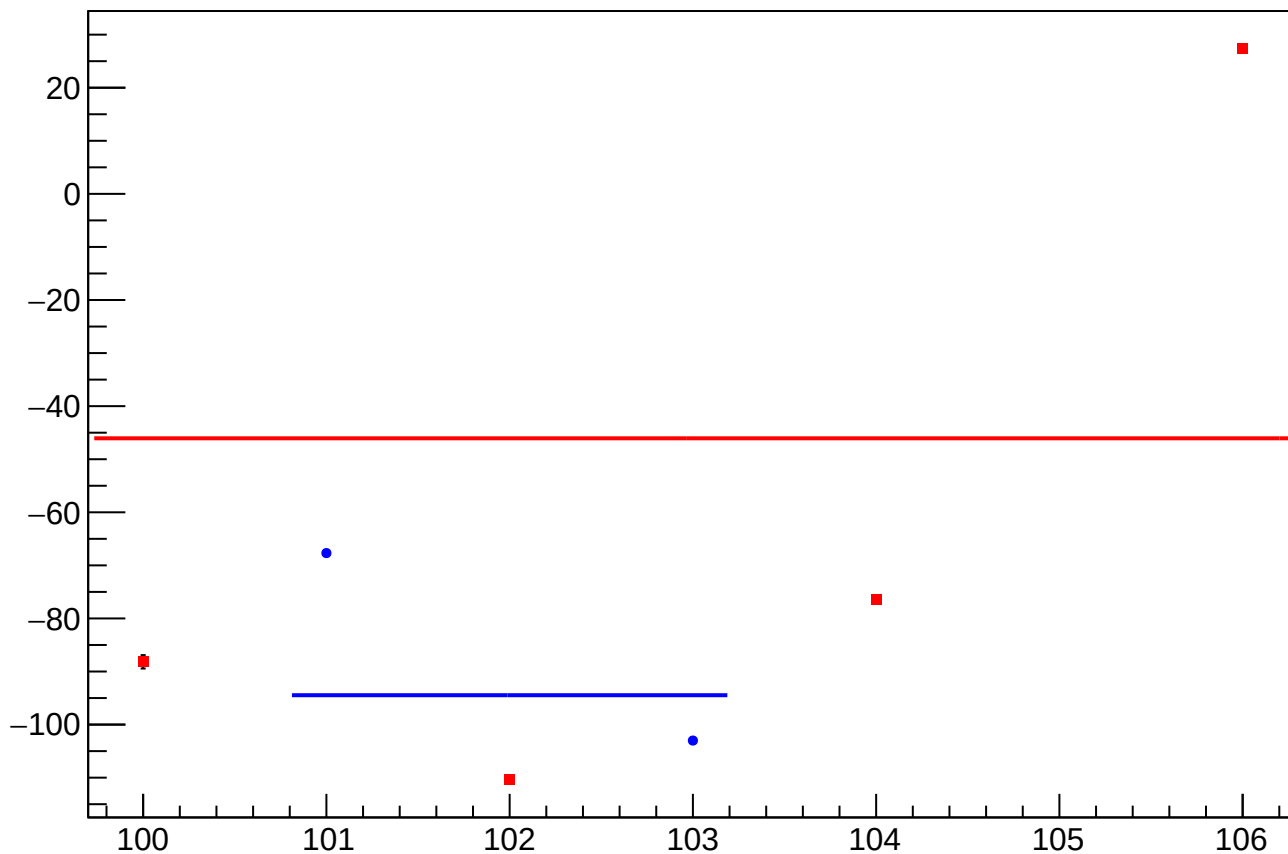
reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.314+/-5.822 χ^2/NDF : 0.2/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 6.070+/-3.936 χ^2/NDF : 3.5/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 7.088+/-3.260 χ^2/NDF : 3.9/5
 In: 9.314+/-5.822 χ^2/NDF : 0.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 7.088+/-3.260 χ^2/NDF : 3.9/5

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -94.465 ± 0.186 χ^2/NDF : 6635.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -46.057 ± 0.139 χ^2/NDF : 167309.8/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

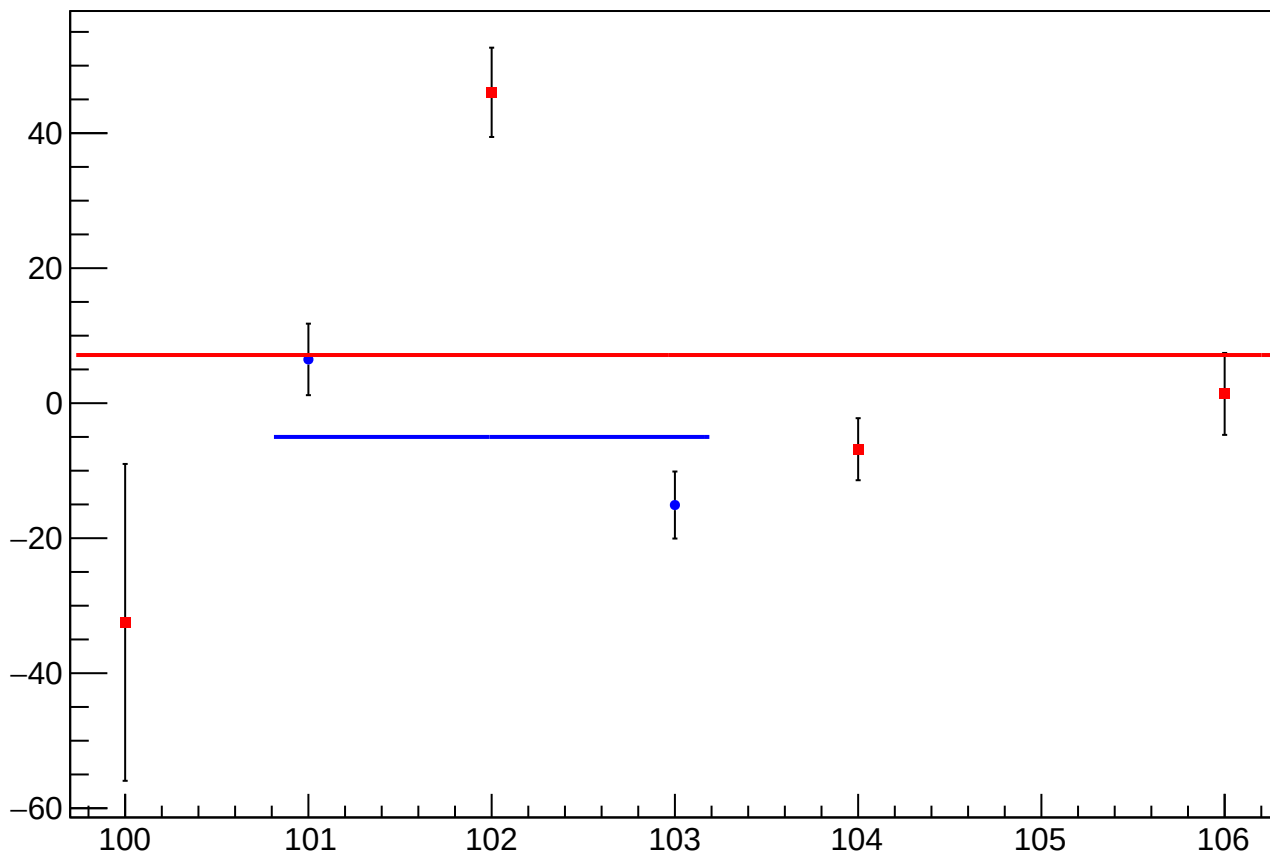
Right: -63.432 ± 0.111 χ^2/NDF : 217501.4/5

In: -94.465 ± 0.186 χ^2/NDF : 6635.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.432 ± 0.111 χ^2/NDF : 217501.4/5

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.999+/-3.622 χ^2/NDF : 8.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7.136+/-3.175 χ^2/NDF : 47.6/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

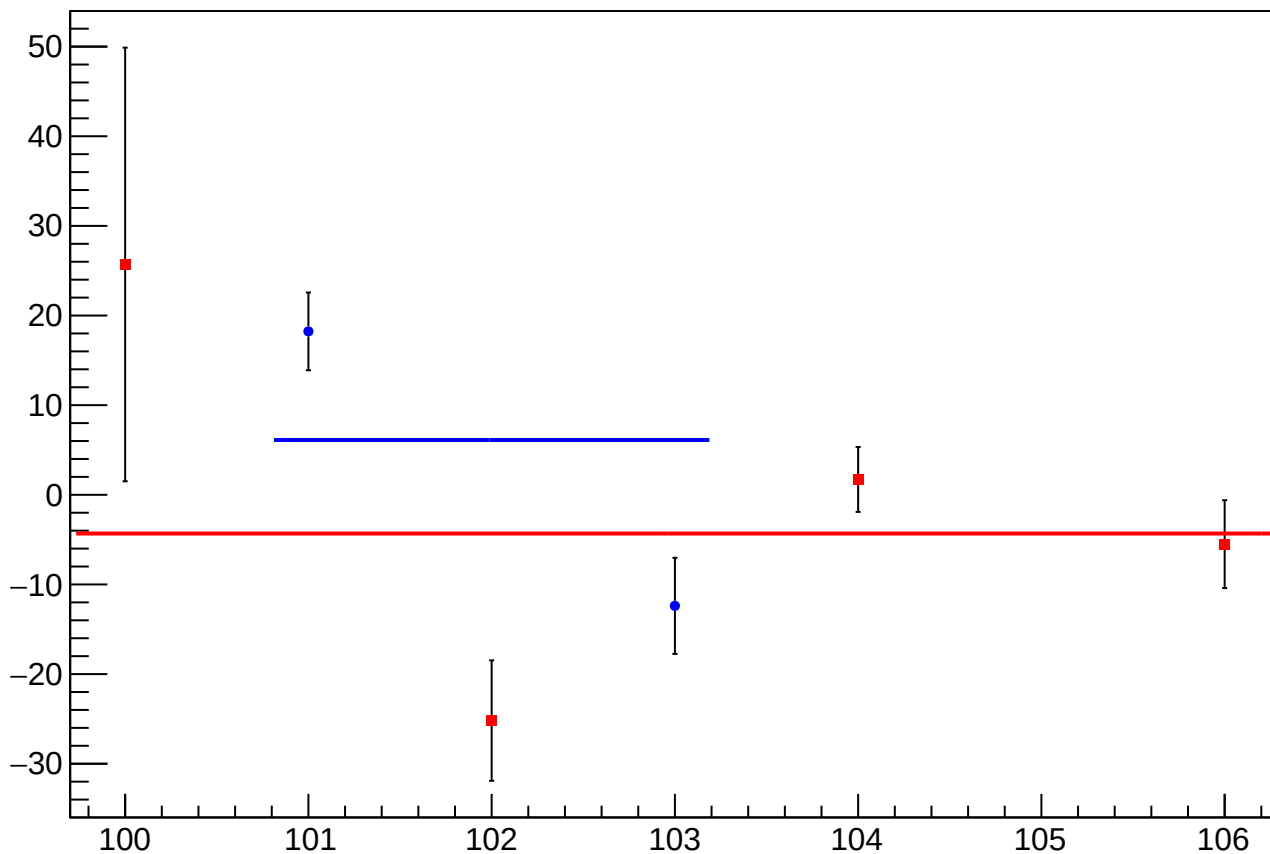
Right: 1.863+/-2.388 χ^2/NDF : 62.8/5

In: -4.999+/-3.622 χ^2/NDF :8.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.863+/-2.388 χ^2/NDF : 62.8/5

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.115+/-3.372 χ^2/NDF : 19.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.320+/-2.655 χ^2/NDF : 14.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

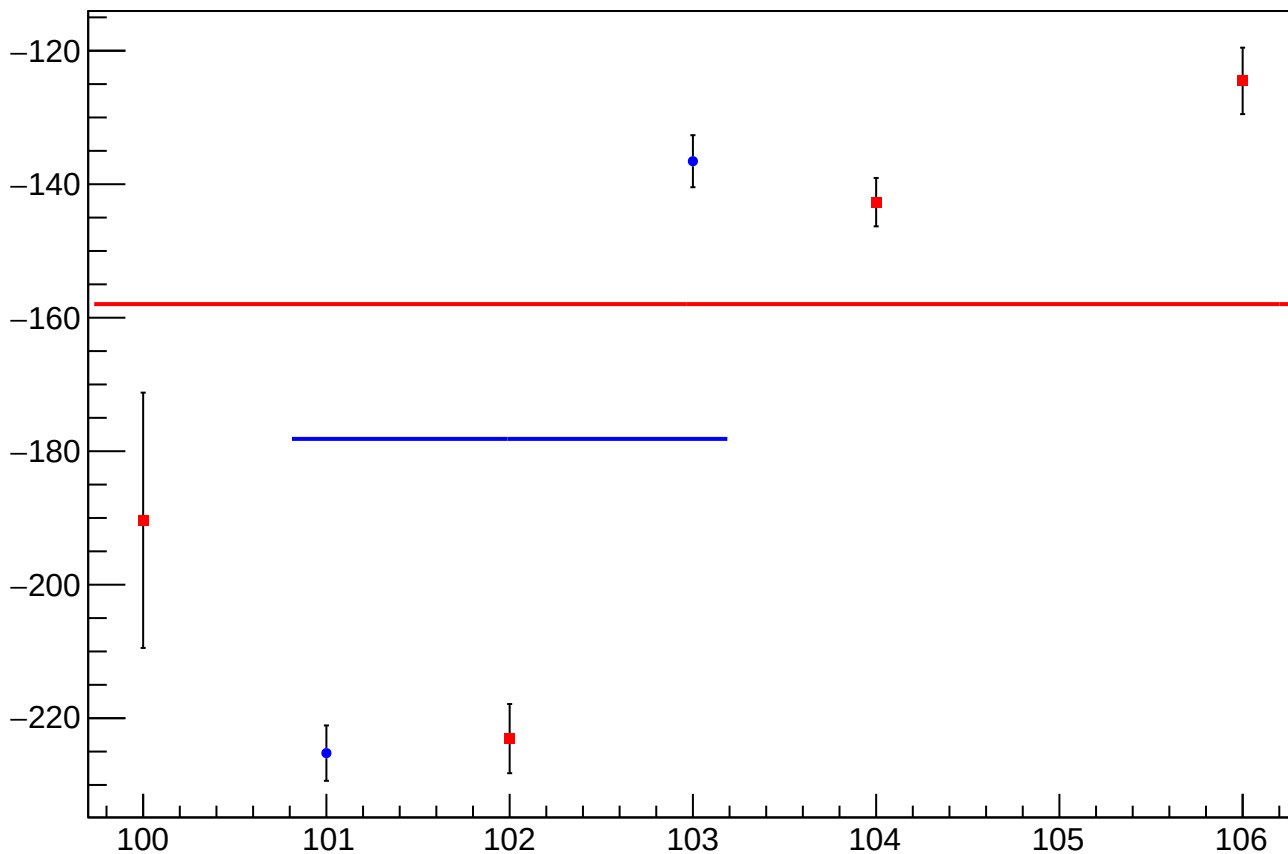
Right: -0.326+/-2.086 χ^2/NDF : 39.7/5

In: 6.115+/-3.372 χ^2/NDF : 19.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.326+/-2.086 χ^2/NDF : 39.7/5

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -178.154+/-2.840 χ^2/NDF : 242.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -157.961+/-2.529 χ^2/NDF : 223.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

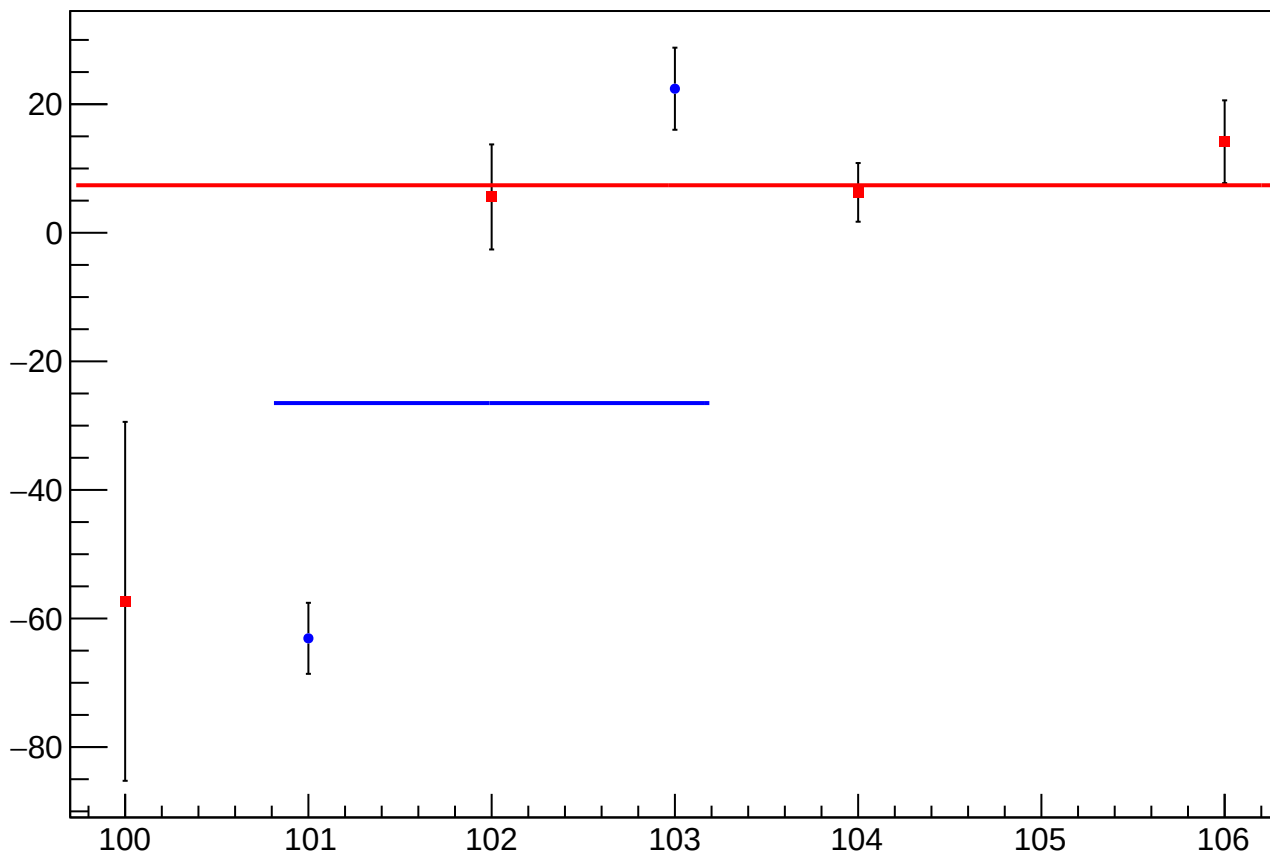
Right: -166.890+/-1.888 χ^2/NDF : 494.5/5

In: -178.154+/-2.840 χ^2/NDF : 242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -166.890+/-1.888 χ^2/NDF : 494.5/5

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.490 ± 4.178 $\chi^2/\text{NDF}: 102.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7.392 ± 3.364 $\chi^2/\text{NDF}: 6.6/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

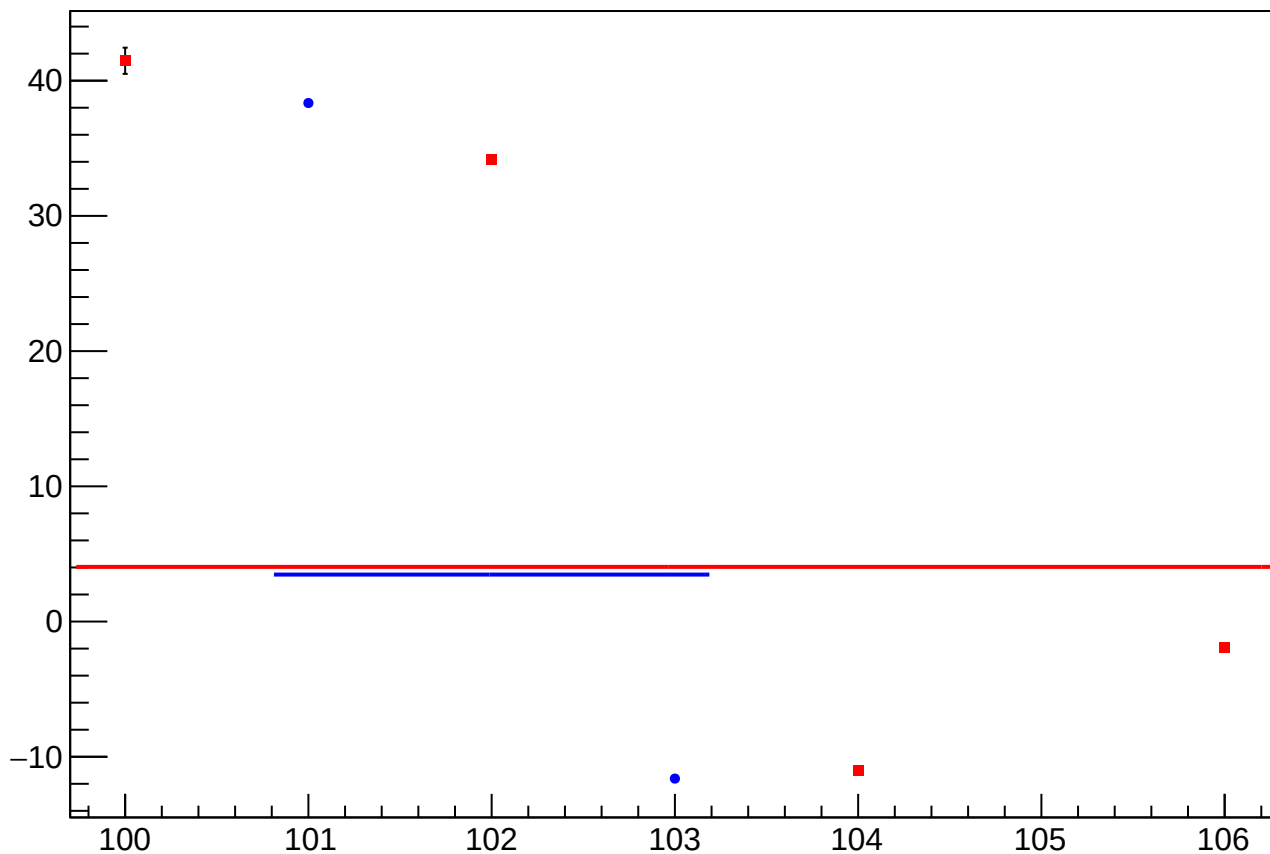
Right: -5.935 ± 2.620 $\chi^2/\text{NDF}: 149.0/5$

In: -26.490 ± 4.178 $\chi^2/\text{NDF}: 102.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.935 ± 2.620 $\chi^2/\text{NDF}: 149.0/5$

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.474+/-0.136 χ^2/NDF : 28473.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.044+/-0.115 χ^2/NDF : 27449.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

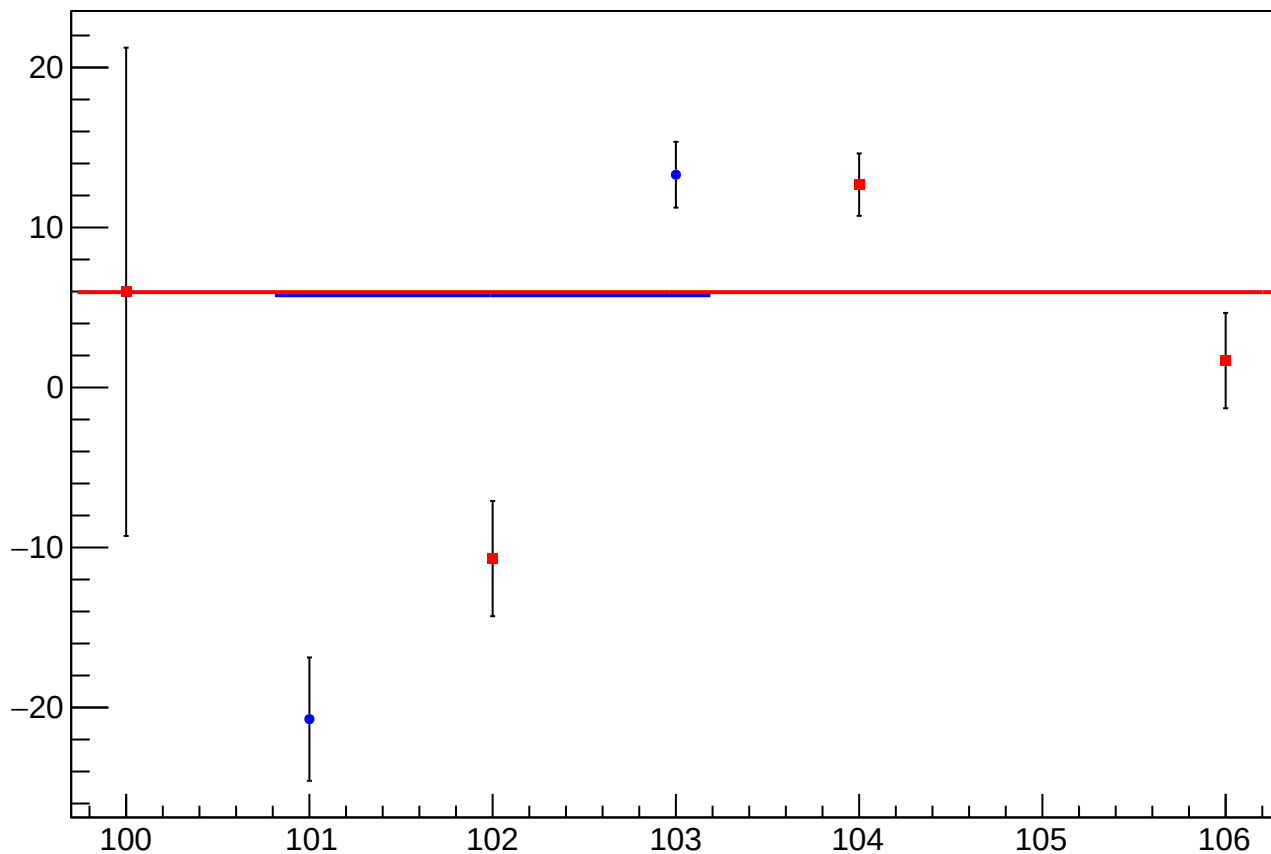
Right: 3.805+/-0.088 χ^2/NDF : 55932.4/5

In: 3.474+/-0.136 χ^2/NDF : 28473.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.805+/-0.088 χ^2/NDF : 55932.4/5

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 5.767 $\pm$ 1.813 χ^2 /NDF: 60.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.960 $\pm$ 1.479 χ^2 /NDF: 35.3/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

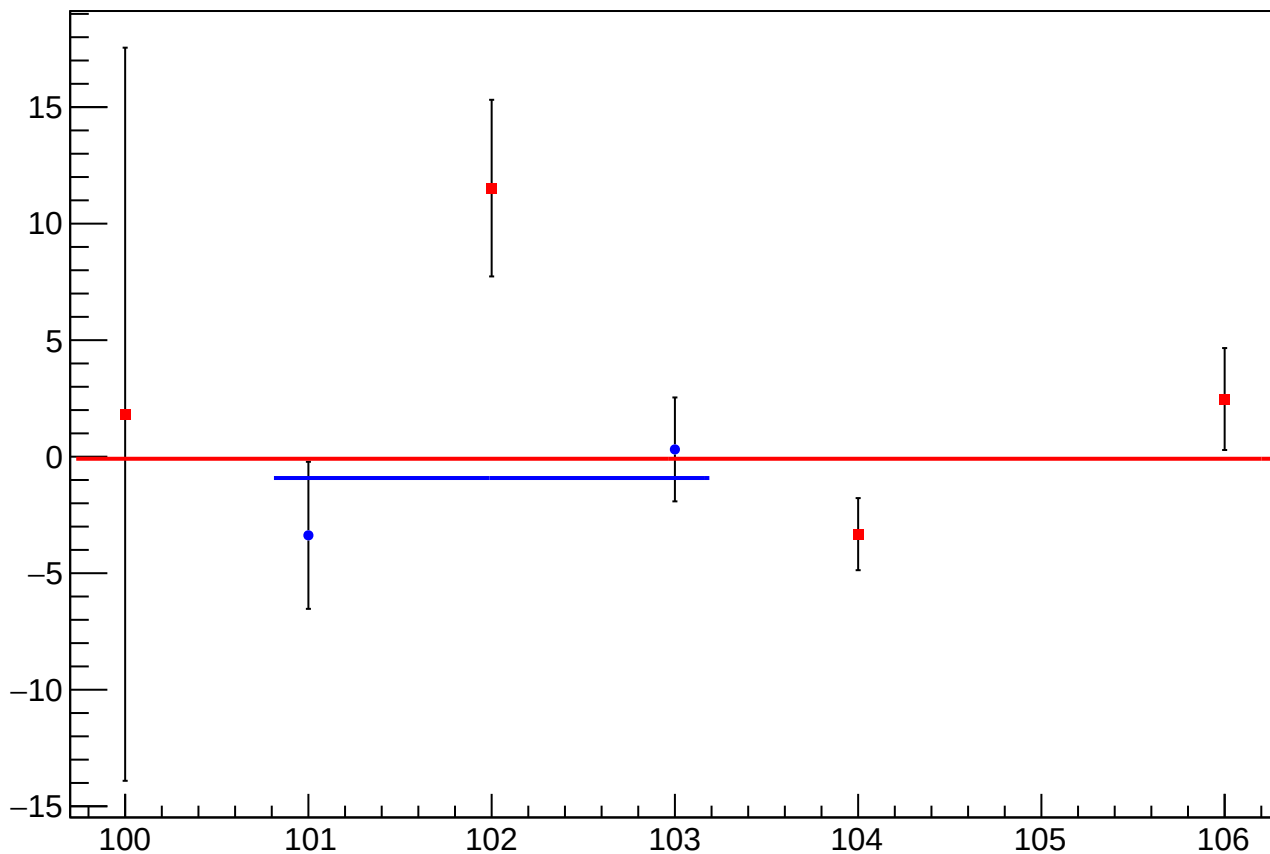
Right: 5.883 $\pm$ 1.146 χ^2 /NDF: 96.0/5

In: 5.767 $\pm$ 1.813 χ^2 /NDF:60.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.883 $\pm$ 1.146 χ^2 /NDF: 96.0/5

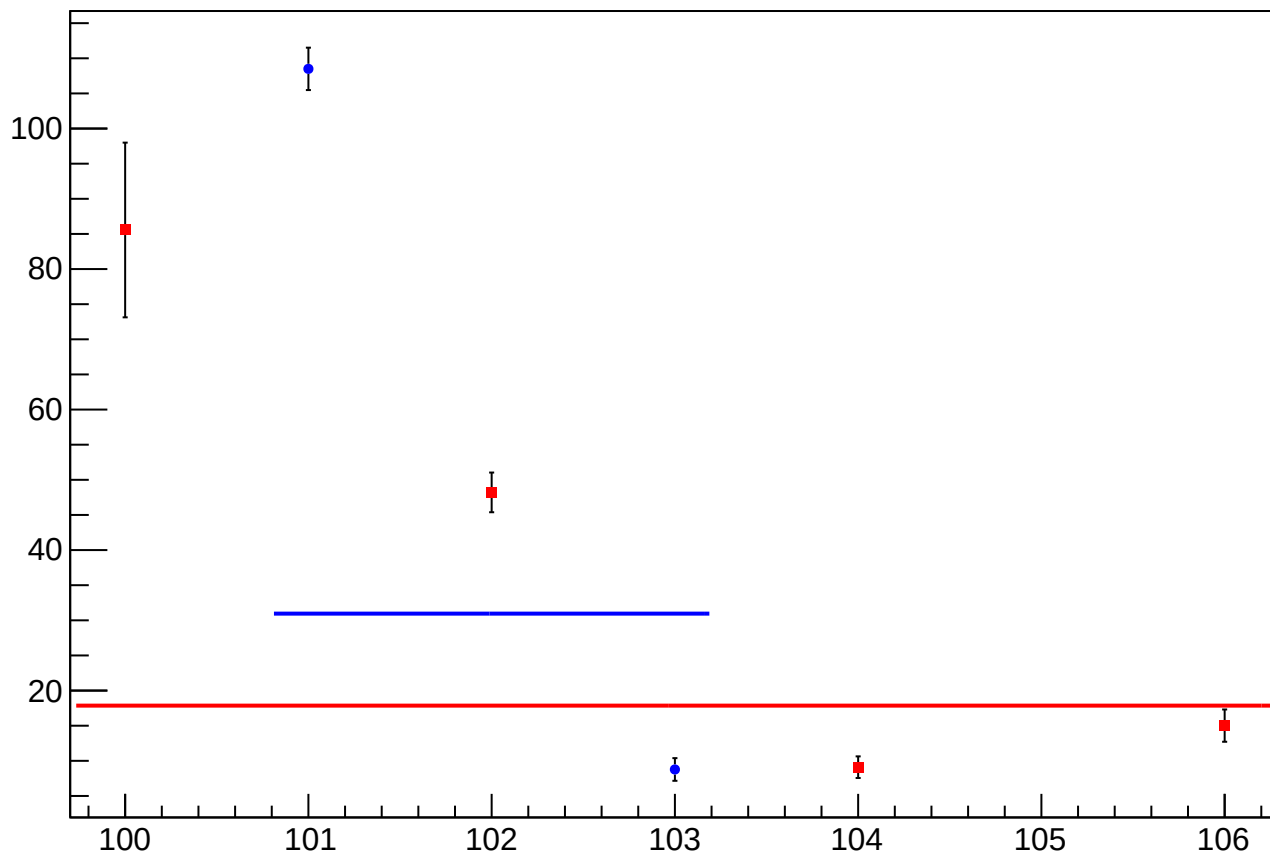
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.915+/-1.821 χ^2/NDF : 0.9/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.089+/-1.195 χ^2/NDF : 15.2/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.338+/-0.999 χ^2/NDF : 16.2/5
 In: -0.915+/-1.821 χ^2/NDF : 0.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.338+/-0.999 χ^2/NDF : 16.2/5

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.954+/-1.423 χ^2/NDF : 849.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.858+/-1.160 χ^2/NDF : 179.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

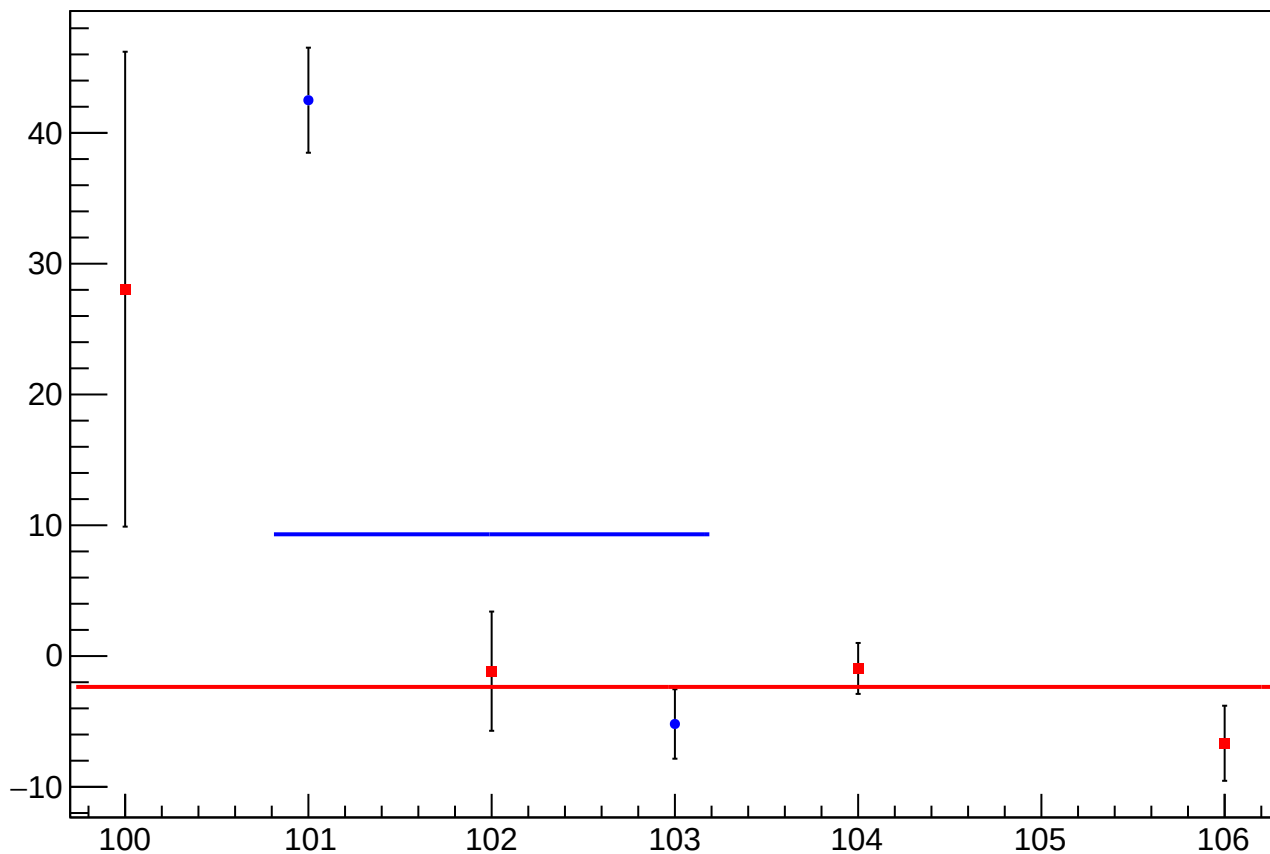
Right: 23.085+/-0.899 χ^2/NDF : 1079.7/5

In: 30.954+/-1.423 χ^2/NDF : 849.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.085+/-0.899 χ^2/NDF : 1079.7/5

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.310+/-2.215 χ^2/NDF : 98.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.359+/-1.514 χ^2/NDF : 5.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

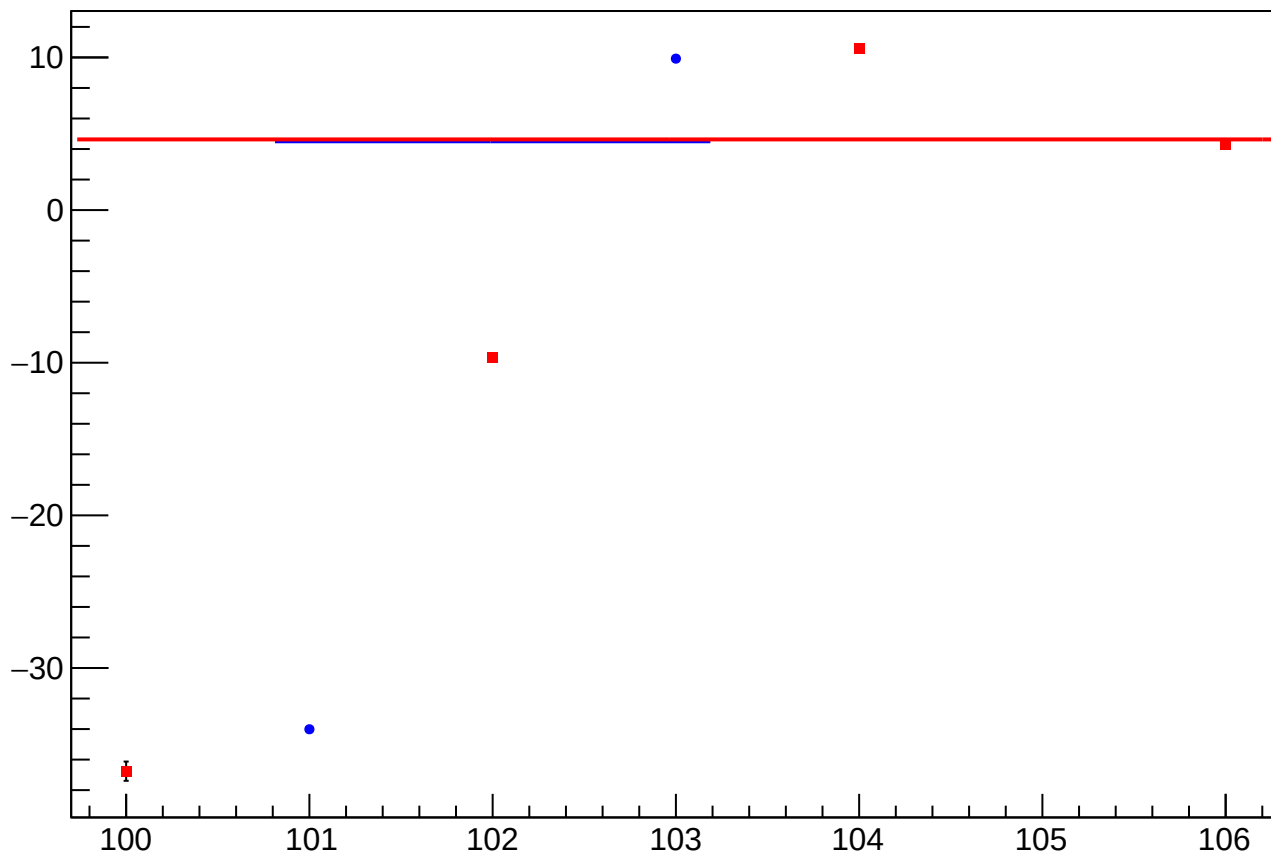
Right: 1.357+/-1.250 χ^2/NDF : 122.7/5

In: 9.310+/-2.215 χ^2/NDF : 98.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.357+/-1.250 χ^2/NDF : 122.7/5

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.508+/-0.063 χ^2/NDF : 52422.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.629+/-0.055 χ^2/NDF : 24845.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

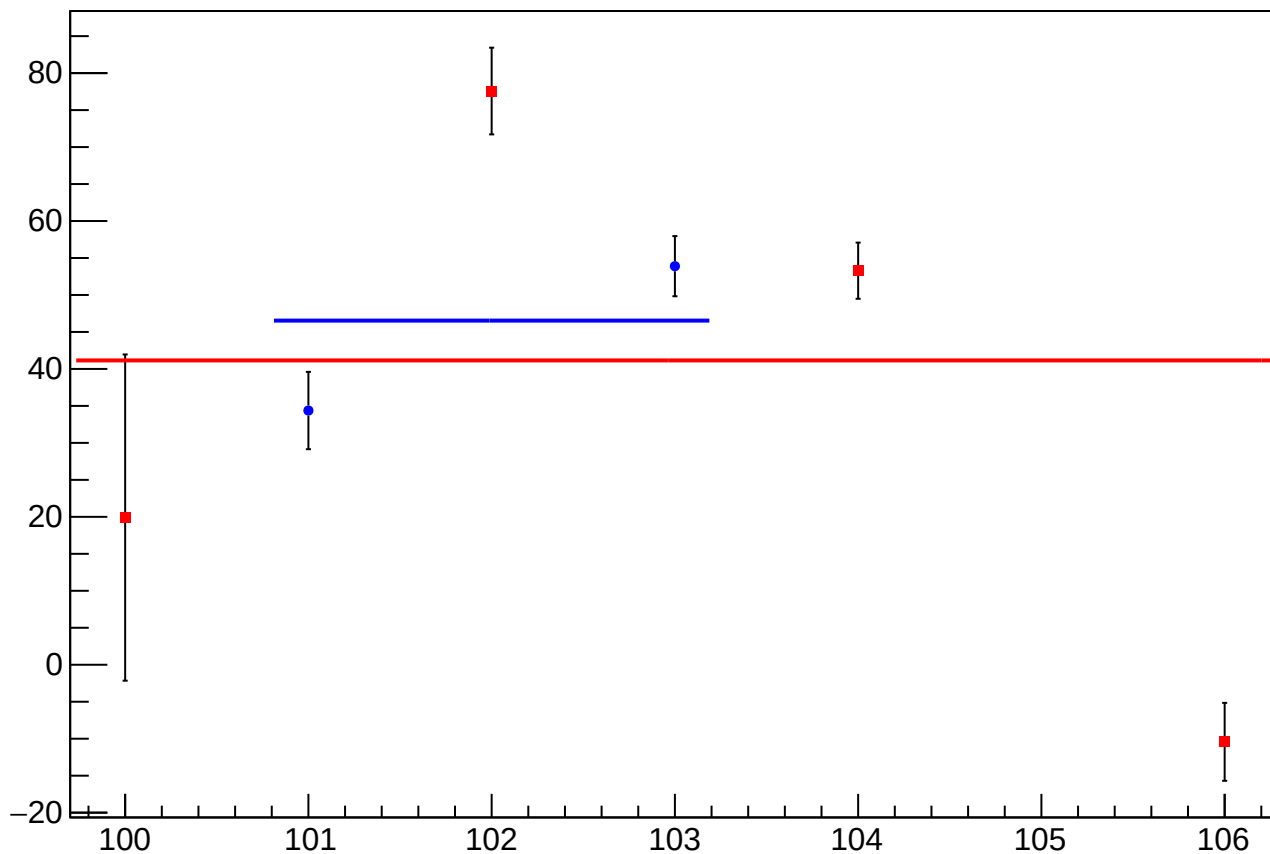
Right: 4.577+/-0.042 χ^2/NDF : 77270.8/5

In: 4.508+/-0.063 χ^2/NDF : 52422.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.577+/-0.042 χ^2/NDF : 77270.8/5

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 46.535+/-3.210 χ^2/NDF : 8.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.150+/-2.707 χ^2/NDF : 145.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

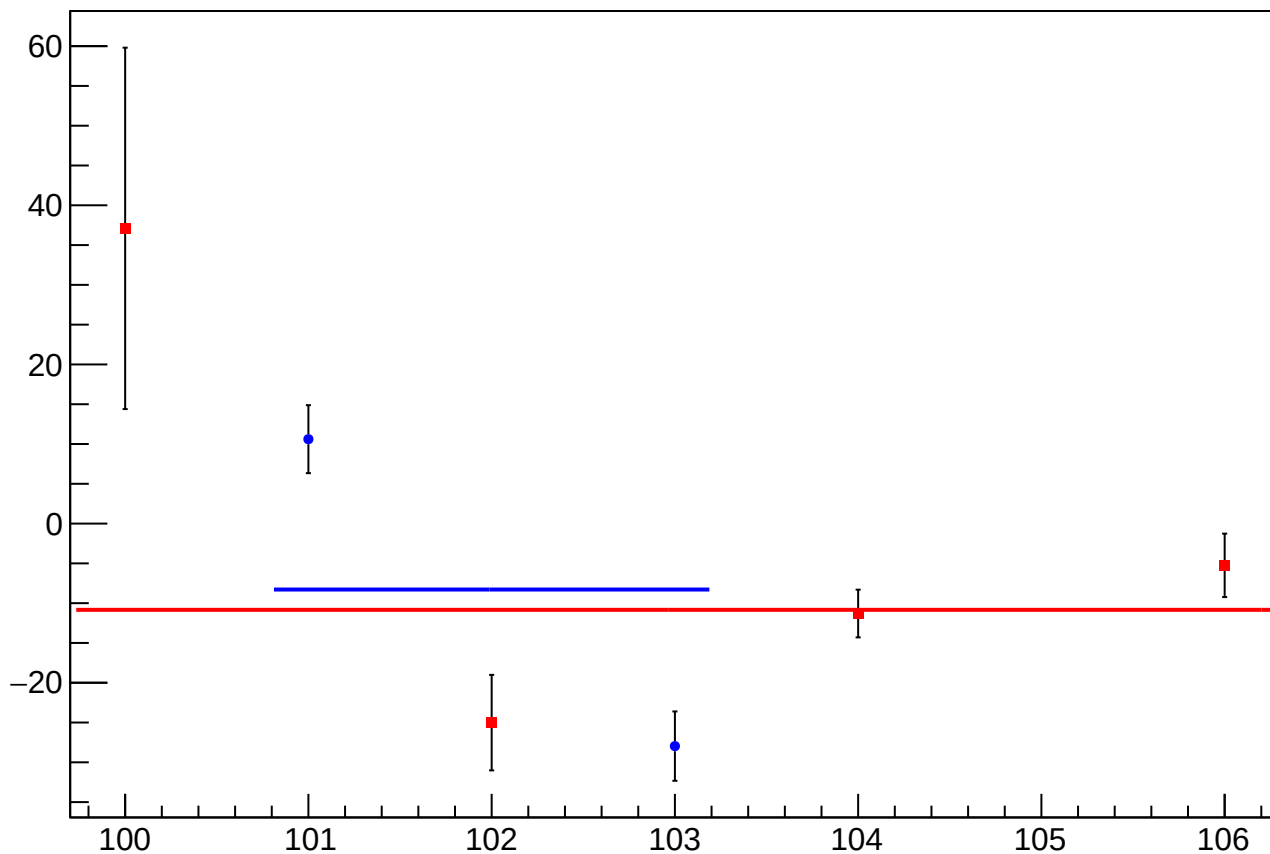
Right: 43.387+/-2.069 χ^2/NDF : 155.8/5

In: 46.535+/-3.210 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.387+/-2.069 χ^2/NDF : 155.8/5

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.286+/-3.051 χ^2/NDF : 40.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.839+/-2.214 χ^2/NDF : 12.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

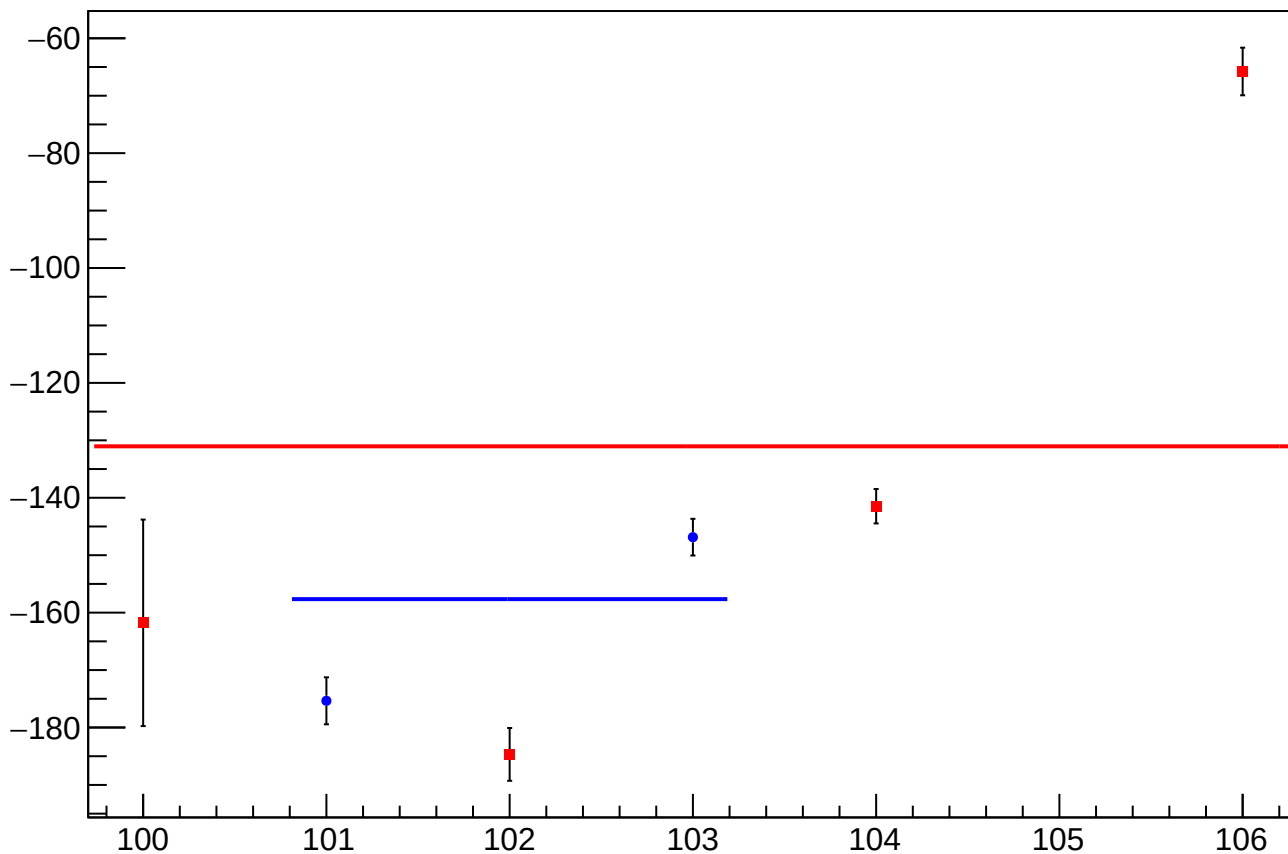
Right: -9.958+/-1.792 χ^2/NDF : 52.4/5

In: -8.286+/-3.051 χ^2/NDF : 40.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.958+/-1.792 χ^2/NDF : 52.4/5

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -157.650+/-2.517 χ^2/NDF : 30.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.045+/-2.132 χ^2/NDF : 399.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

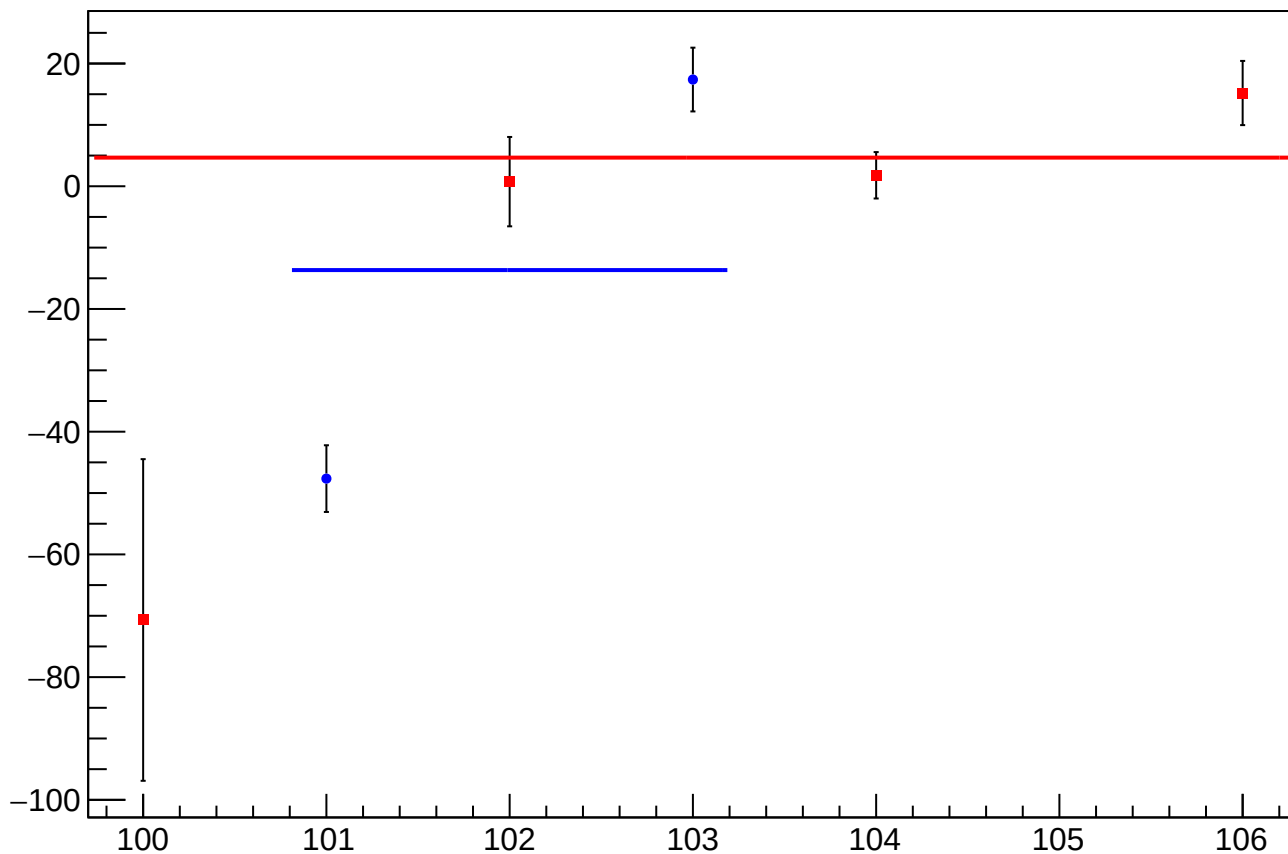
Right: -142.157+/-1.627 χ^2/NDF : 494.3/5

In: -157.650+/-2.517 χ^2/NDF : 30.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.157+/-1.627 χ^2/NDF : 494.3/5

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.661+/-3.756 χ^2/NDF : 74.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.666+/-2.808 χ^2/NDF : 13.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

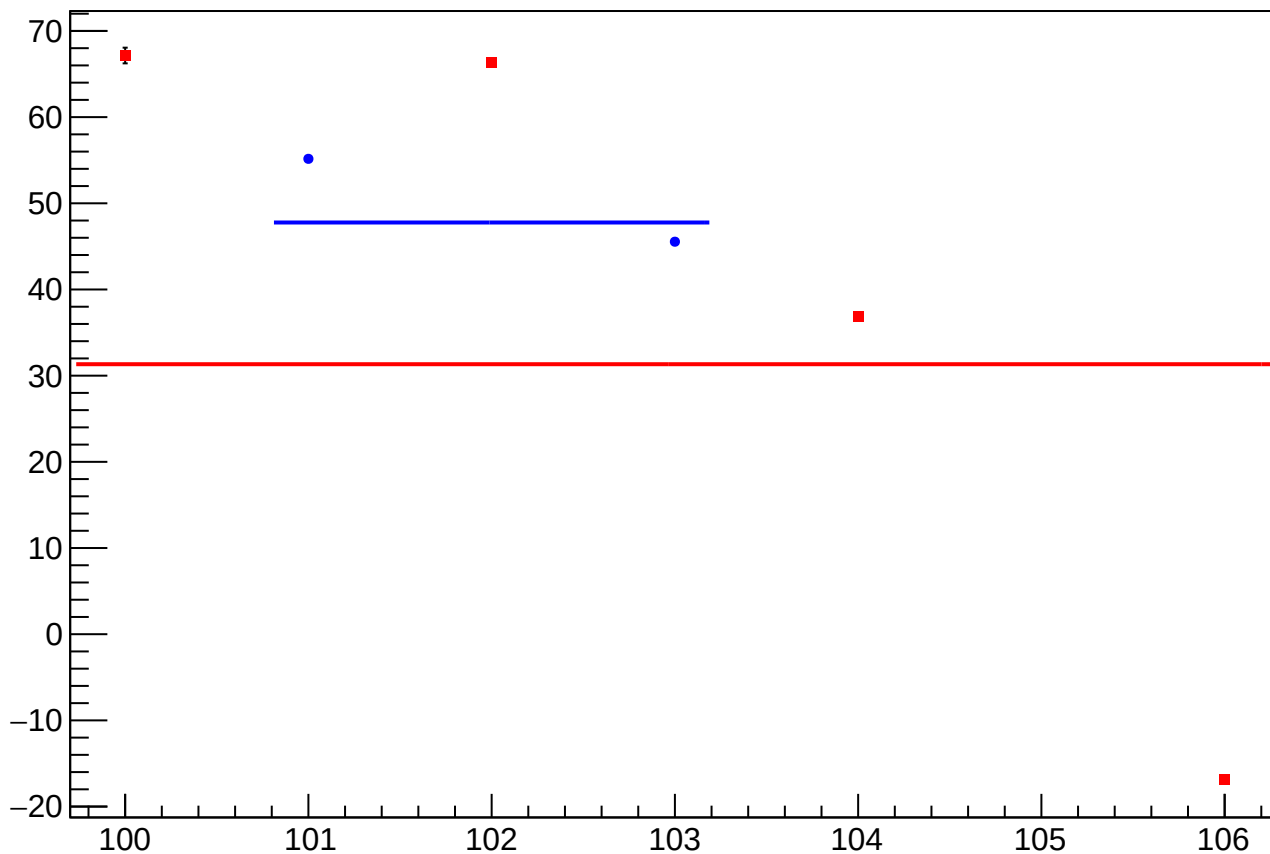
Right: -1.907+/-2.249 χ^2/NDF : 103.3/5

In: -13.661+/-3.756 χ^2/NDF : 74.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.907+/-2.249 χ^2/NDF : 103.3/5

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.773+/-0.117 χ^2/NDF : 1204.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.329+/-0.100 χ^2/NDF : 90792.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

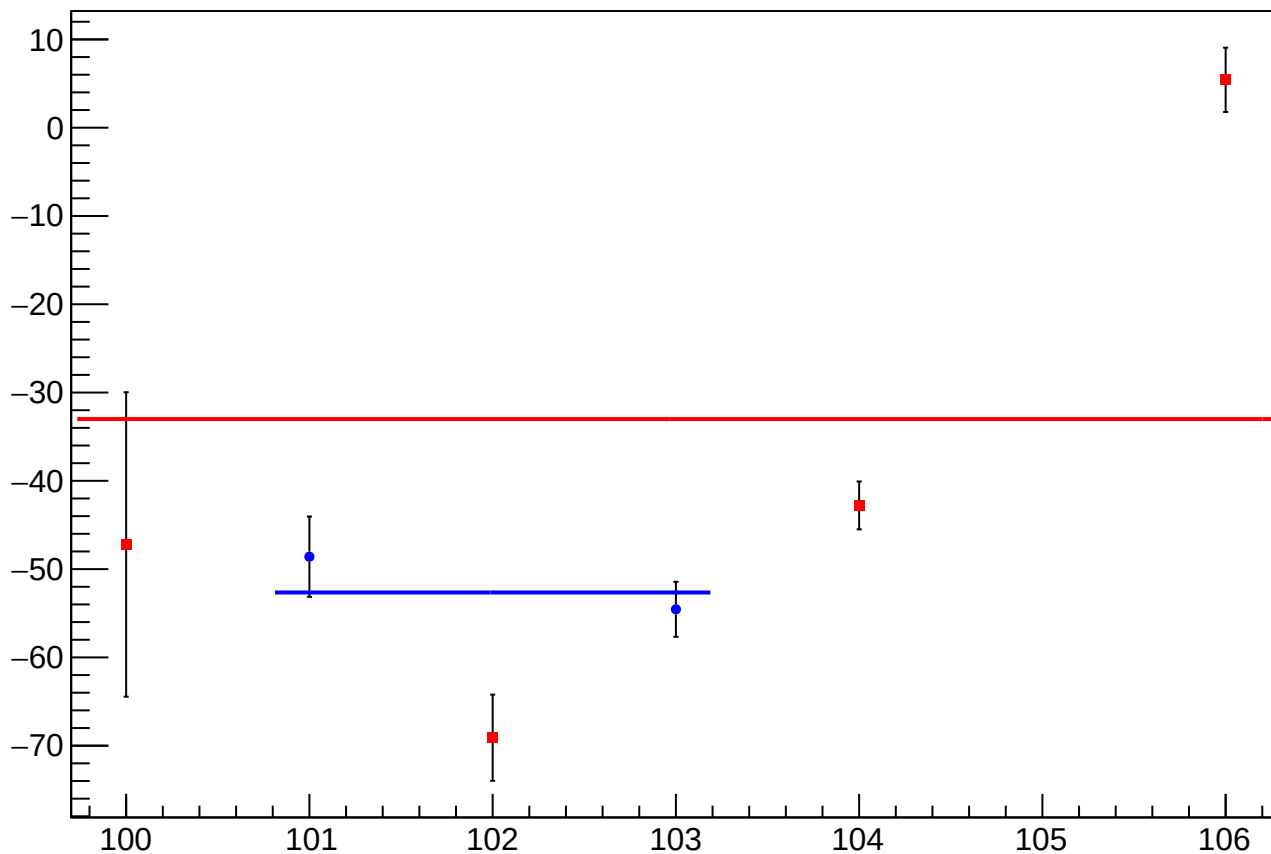
Right: 38.313+/-0.076 χ^2/NDF : 103375.9/5

In: 47.773+/-0.117 χ^2/NDF : 1204.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.313+/-0.076 χ^2/NDF : 103375.9/5

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -52.647 $\pm$ 2.571 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -33.001 $\pm$ 1.974 χ^2 /NDF: 179.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

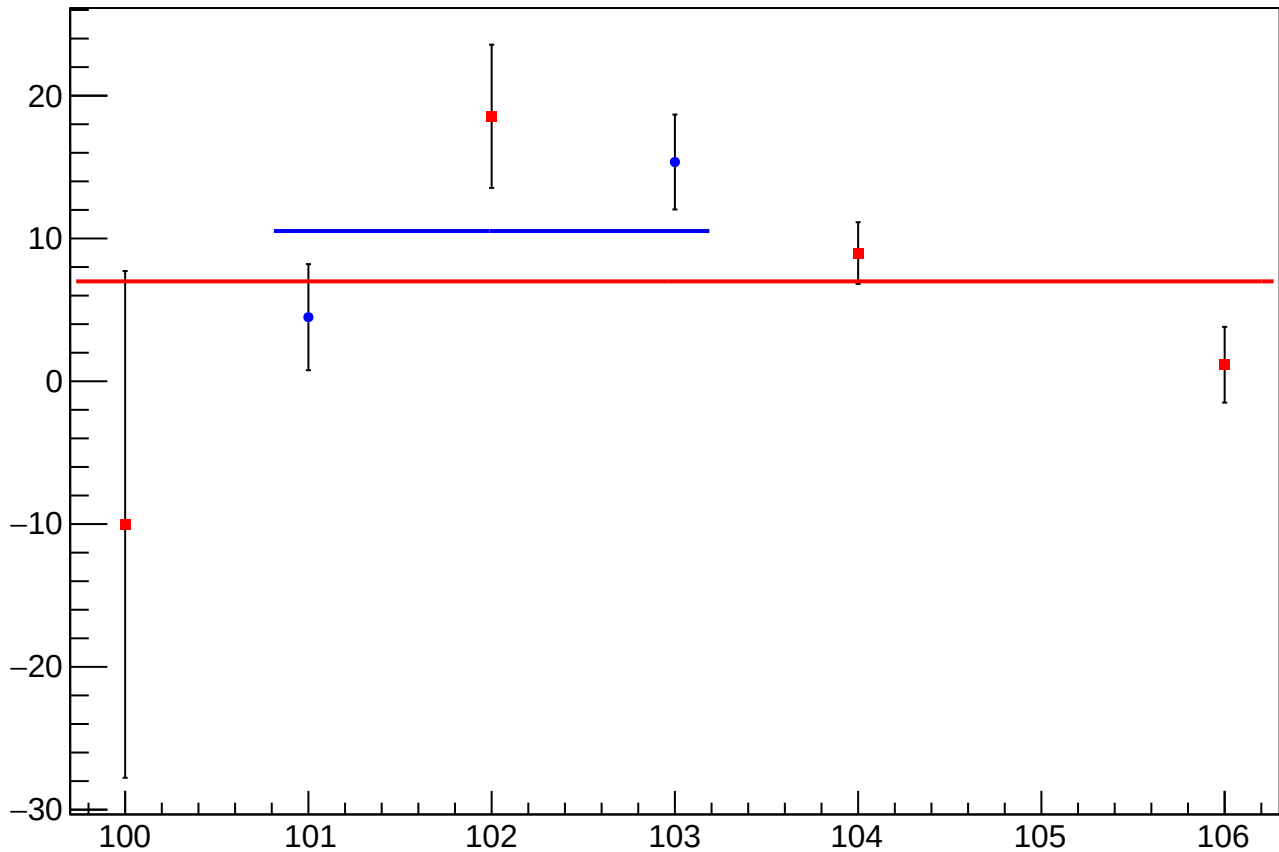
Right: -40.284 $\pm$ 1.566 χ^2 /NDF: 217.5/5

In: -52.647 $\pm$ 2.571 χ^2 /NDF:1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.284 $\pm$ 1.566 χ^2 /NDF: 217.5/5

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.522+/-2.476 χ^2/NDF : 4.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.996+/-1.582 χ^2/NDF : 11.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

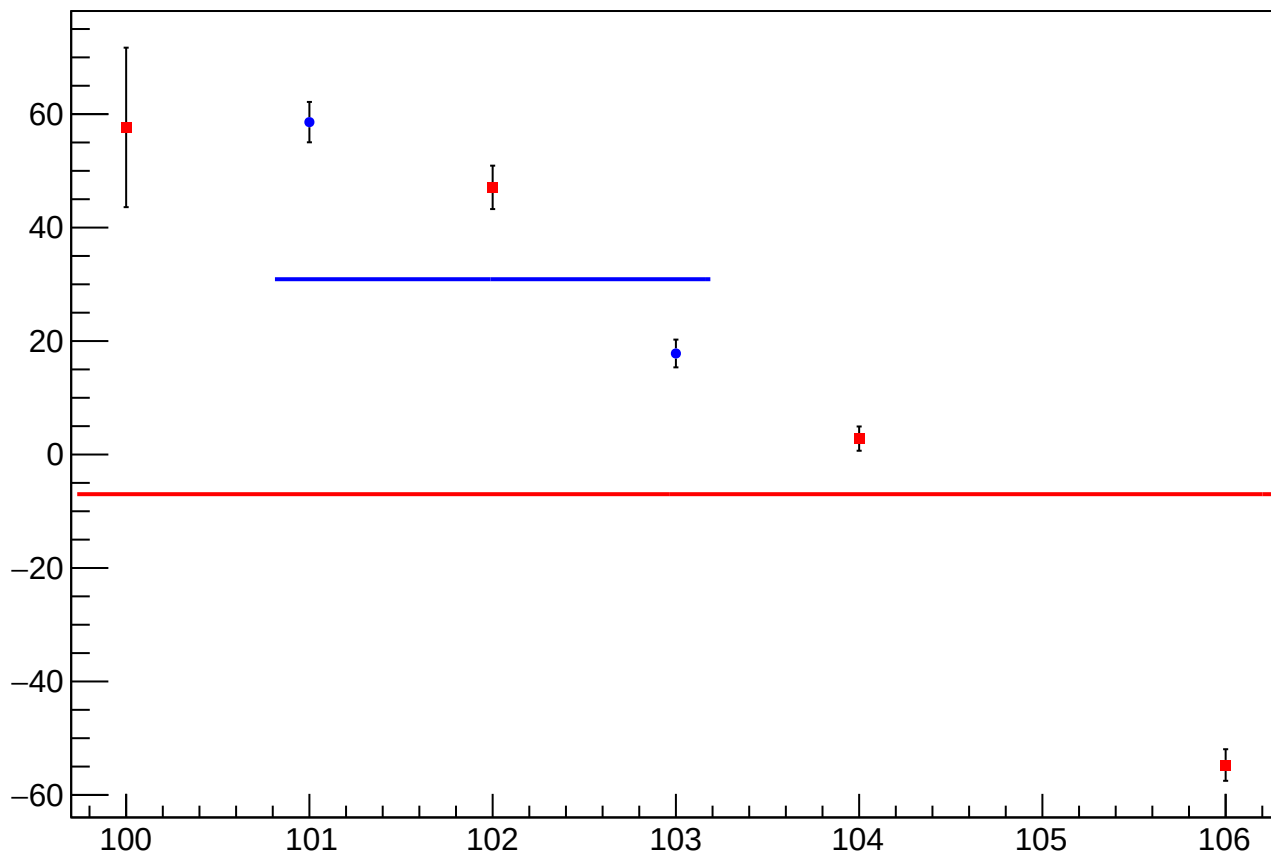
Right: 8.018+/-1.333 χ^2/NDF : 18.1/5

In: 10.522+/-2.476 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.018+/-1.333 χ^2/NDF : 18.1/5

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.900 ± 2.016 $\chi^2/\text{NDF}: 89.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.989 ± 1.541 $\chi^2/\text{NDF}: 536.1/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

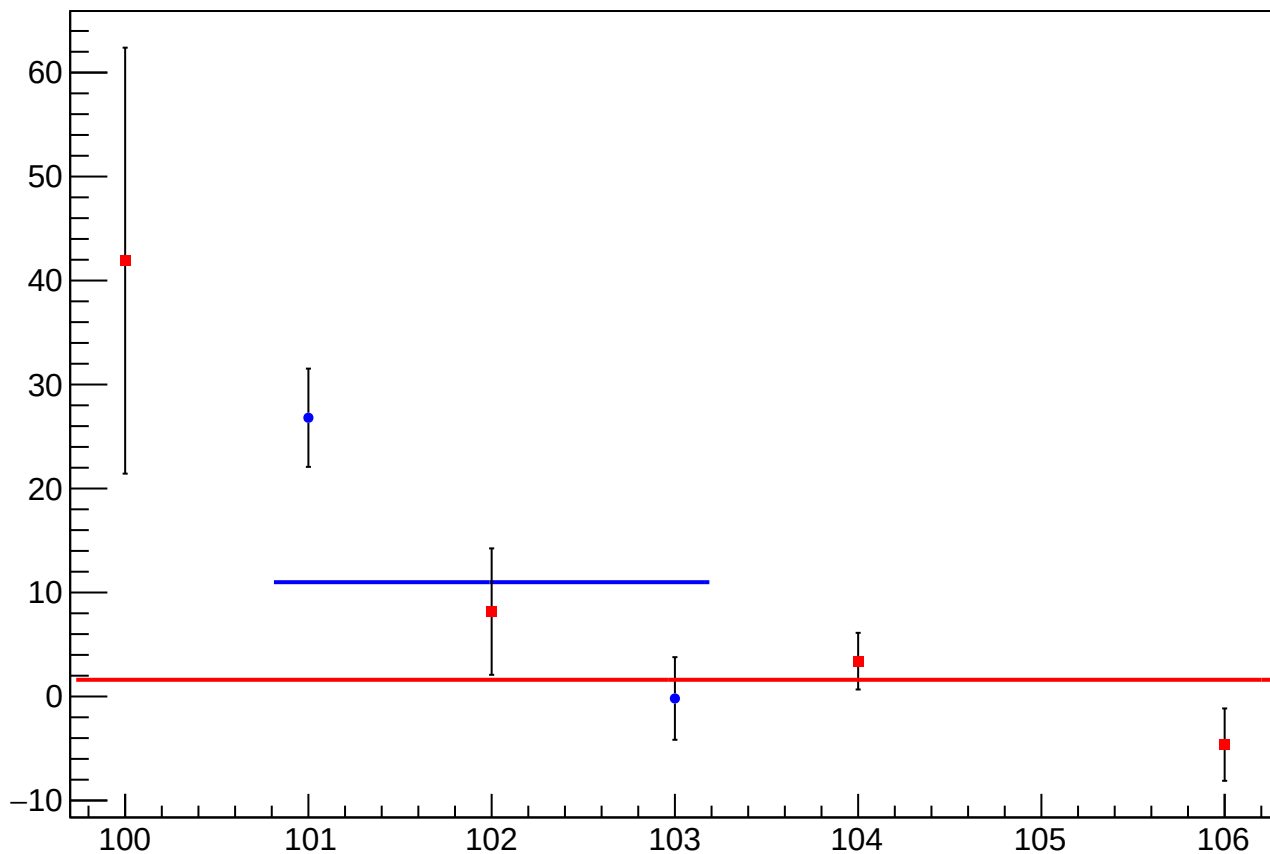
Right: 6.988 ± 1.224 $\chi^2/\text{NDF}: 848.4/5$

In: 30.900 ± 2.016 $\chi^2/\text{NDF}: 89.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.988 ± 1.224 $\chi^2/\text{NDF}: 848.4/5$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.992+/-3.041 χ^2 /NDF: 19.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1.606+/-2.013 χ^2 /NDF: 8.7/3

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

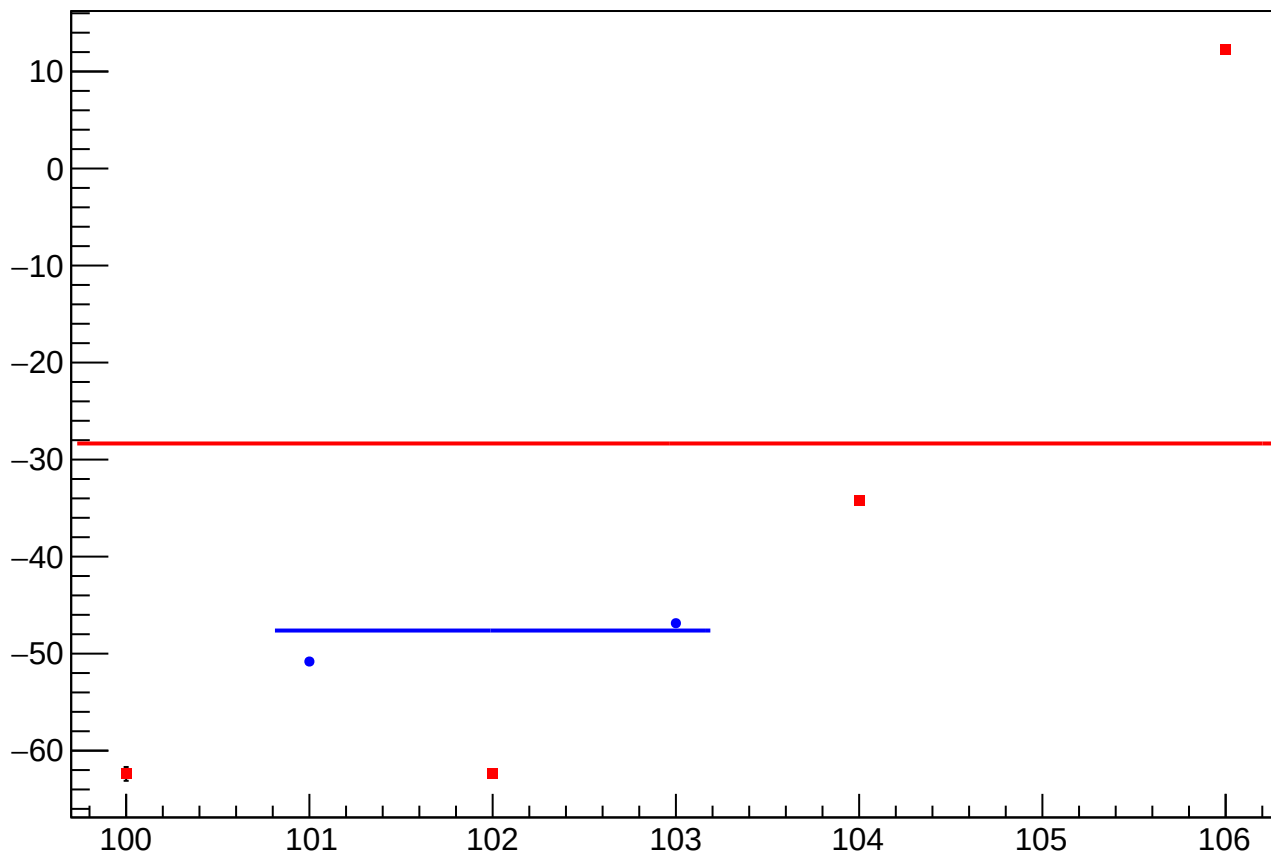
Right: 4.466+/-1.678 χ^2 /NDF: 34.4/5

In: 10.992+/-3.041 χ^2 /NDF: 19.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 4.466+/-1.678 χ^2 /NDF: 34.4/5

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -47.620 ± 0.092 χ^2/NDF : 283.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.340 ± 0.075 χ^2/NDF : 122820.5/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

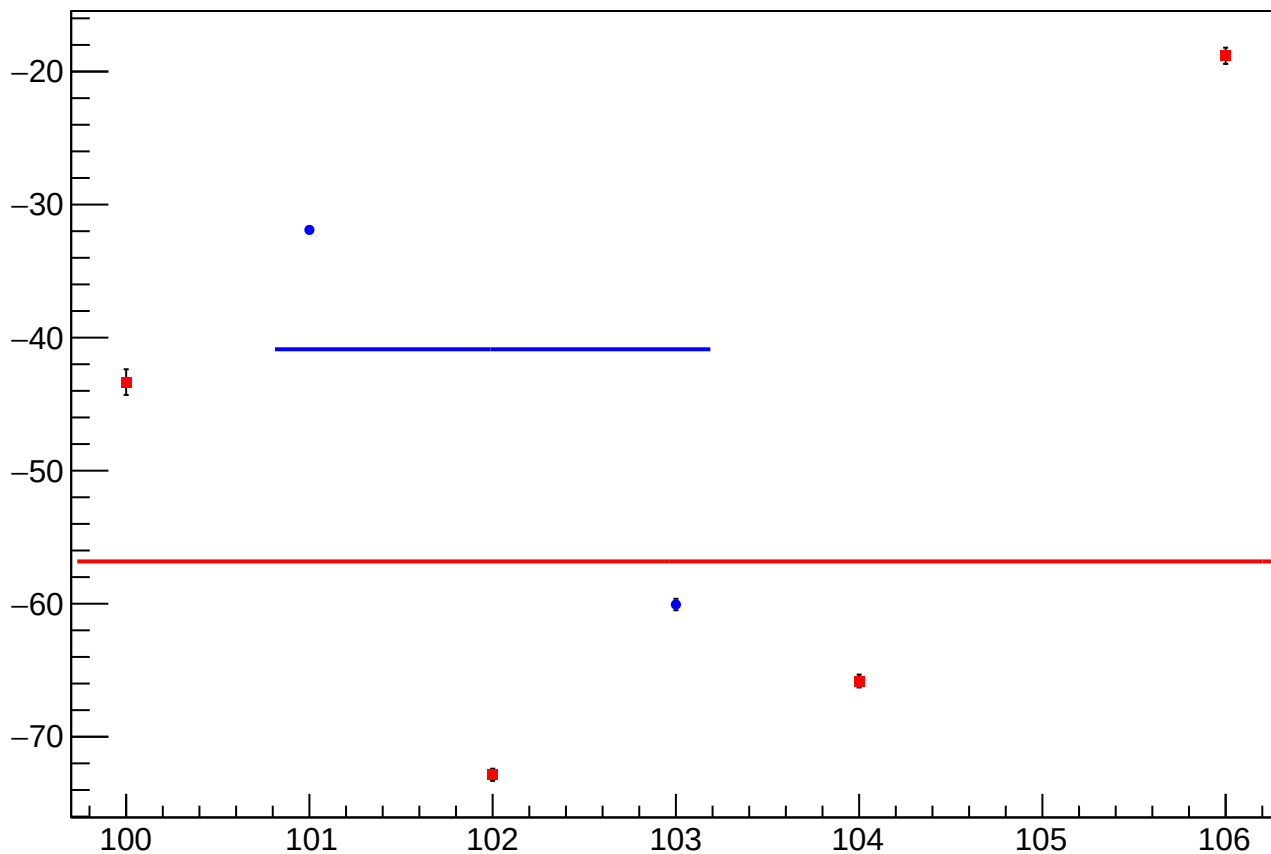
Right: -36.012 ± 0.058 χ^2/NDF : 149383.9/5

In: -47.620 ± 0.092 χ^2/NDF : 283.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.012 ± 0.058 χ^2/NDF : 149383.9/5

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.876 ± 0.244 $\chi^2/\text{NDF}: 2895.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -56.821 ± 0.278 $\chi^2/\text{NDF}: 5675.9/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

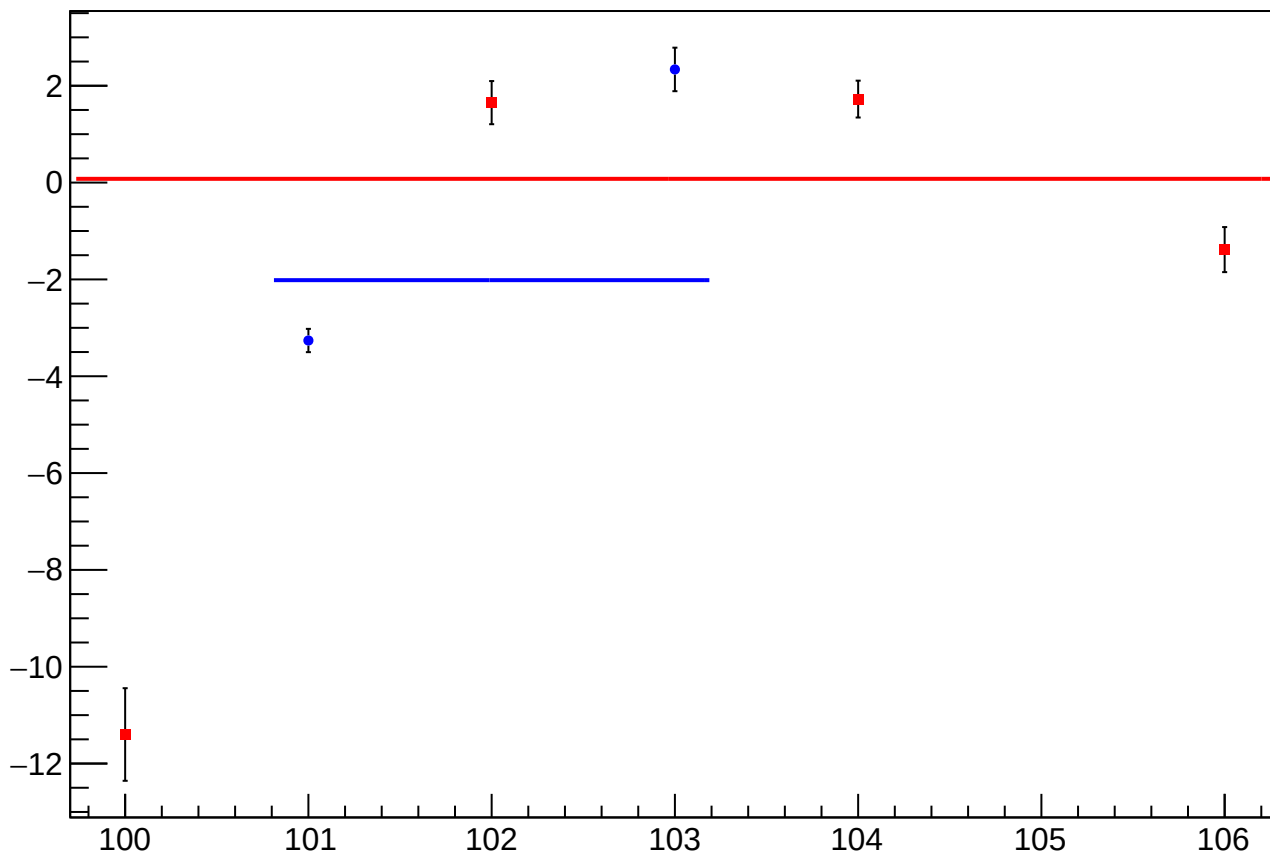
Right: -47.803 ± 0.183 $\chi^2/\text{NDF}: 10429.4/5$

In: -40.876 ± 0.244 $\chi^2/\text{NDF}: 2895.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.803 ± 0.183 $\chi^2/\text{NDF}: 10429.4/5$

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.015+/-0.212 χ^2/NDF : 120.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.078+/-0.238 χ^2/NDF : 185.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

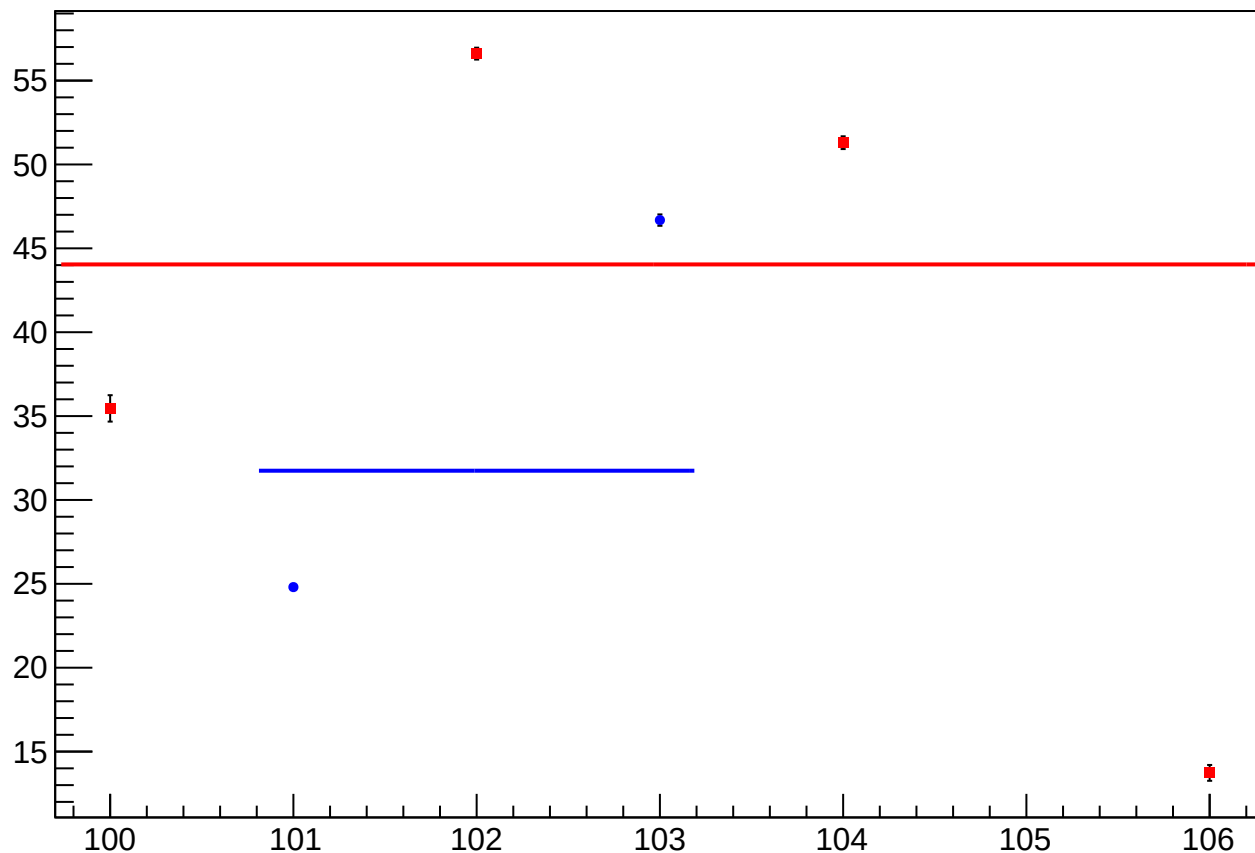
Right: -1.089+/-0.158 χ^2/NDF : 348.8/5

In: -2.015+/-0.212 χ^2/NDF : 120.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.089+/-0.158 χ^2/NDF : 348.8/5

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.743+/-0.191 χ^2/NDF : 2844.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.041+/-0.219 χ^2/NDF : 5858.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

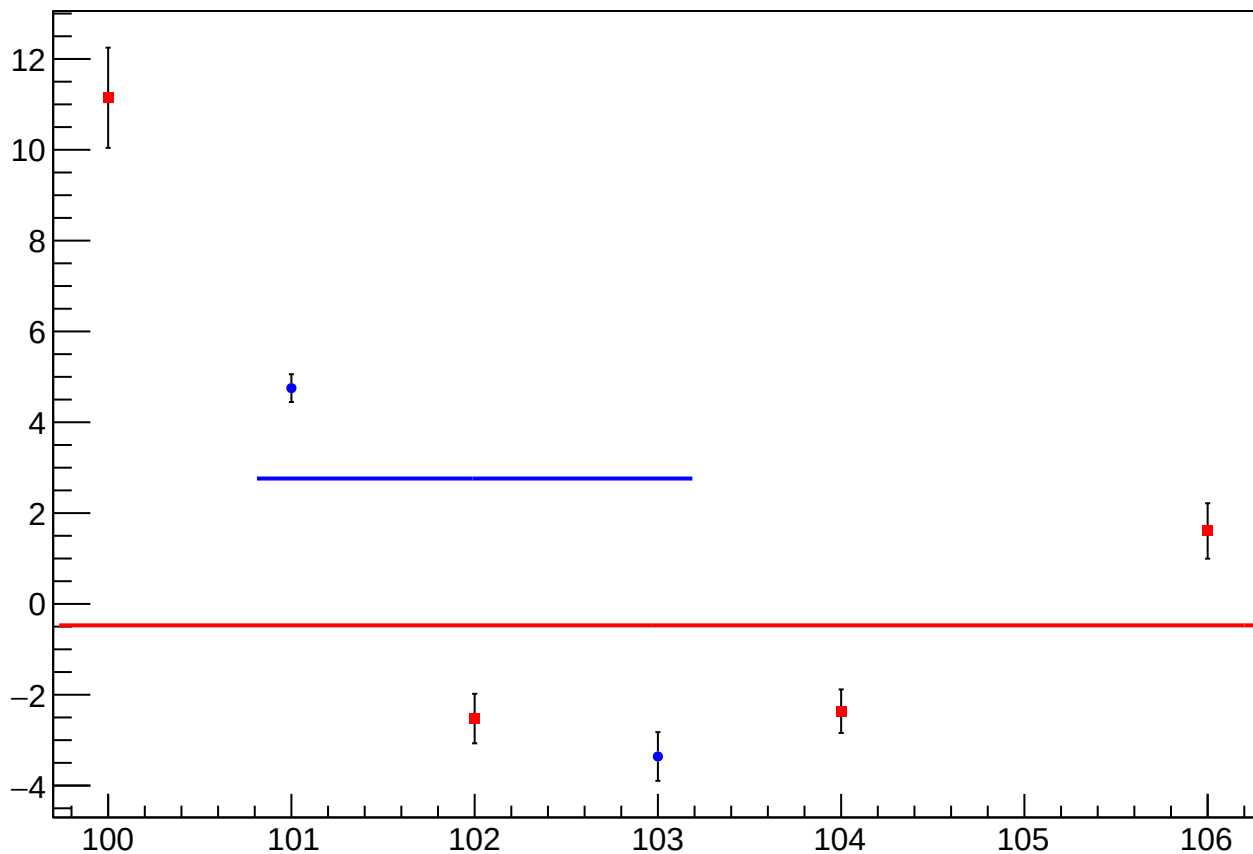
Right: 37.066+/-0.144 χ^2/NDF : 10499.5/5

In: 31.743+/-0.191 χ^2/NDF : 2844.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.066+/-0.144 χ^2/NDF : 10499.5/5

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.761 ± 0.265 χ^2/NDF : 172.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.472 ± 0.298 χ^2/NDF : 152.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

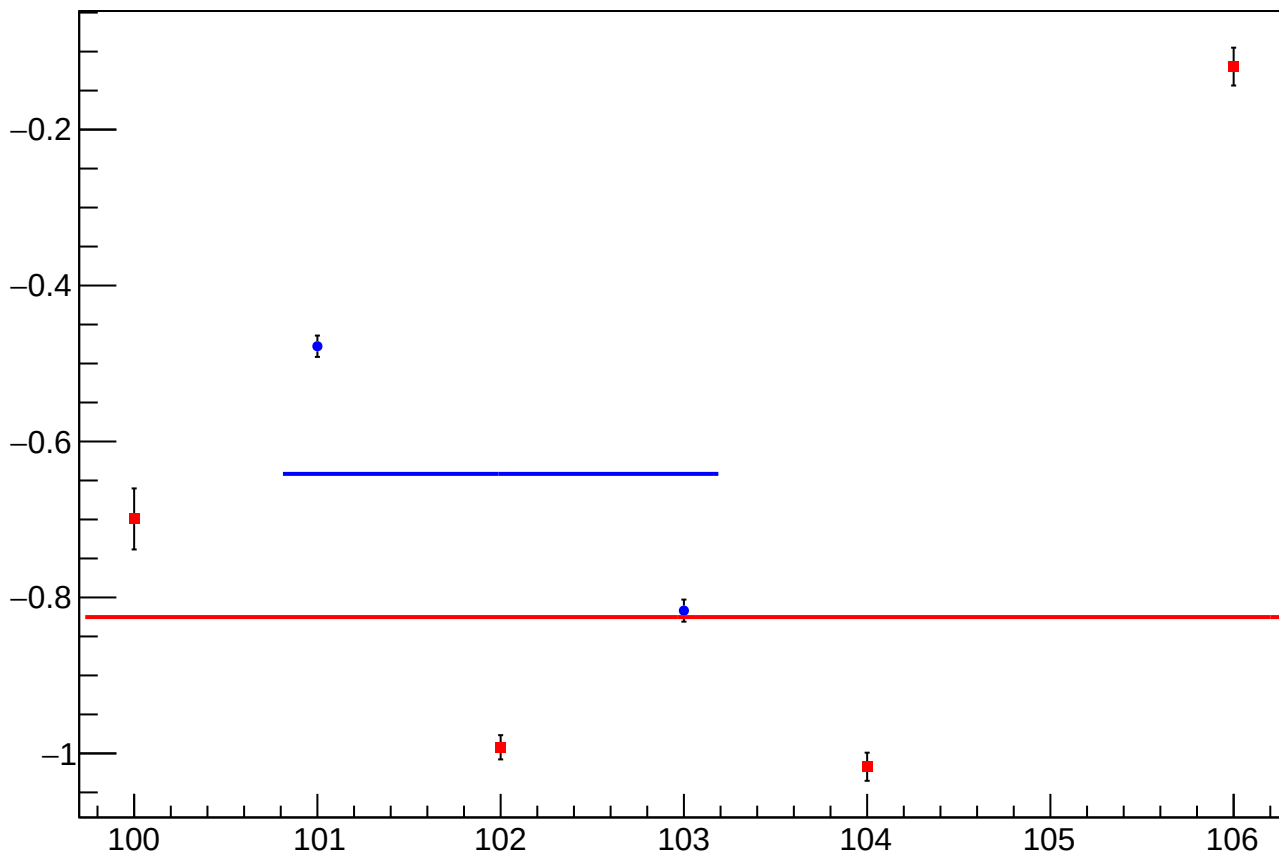
Right: 1.333 ± 0.198 χ^2/NDF : 390.6/5

In: 2.761 ± 0.265 χ^2/NDF : 172.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.333 ± 0.198 χ^2/NDF : 390.6/5

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.642 ± 0.010 χ^2/NDF : 297.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.825 ± 0.010 χ^2/NDF : 1085.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

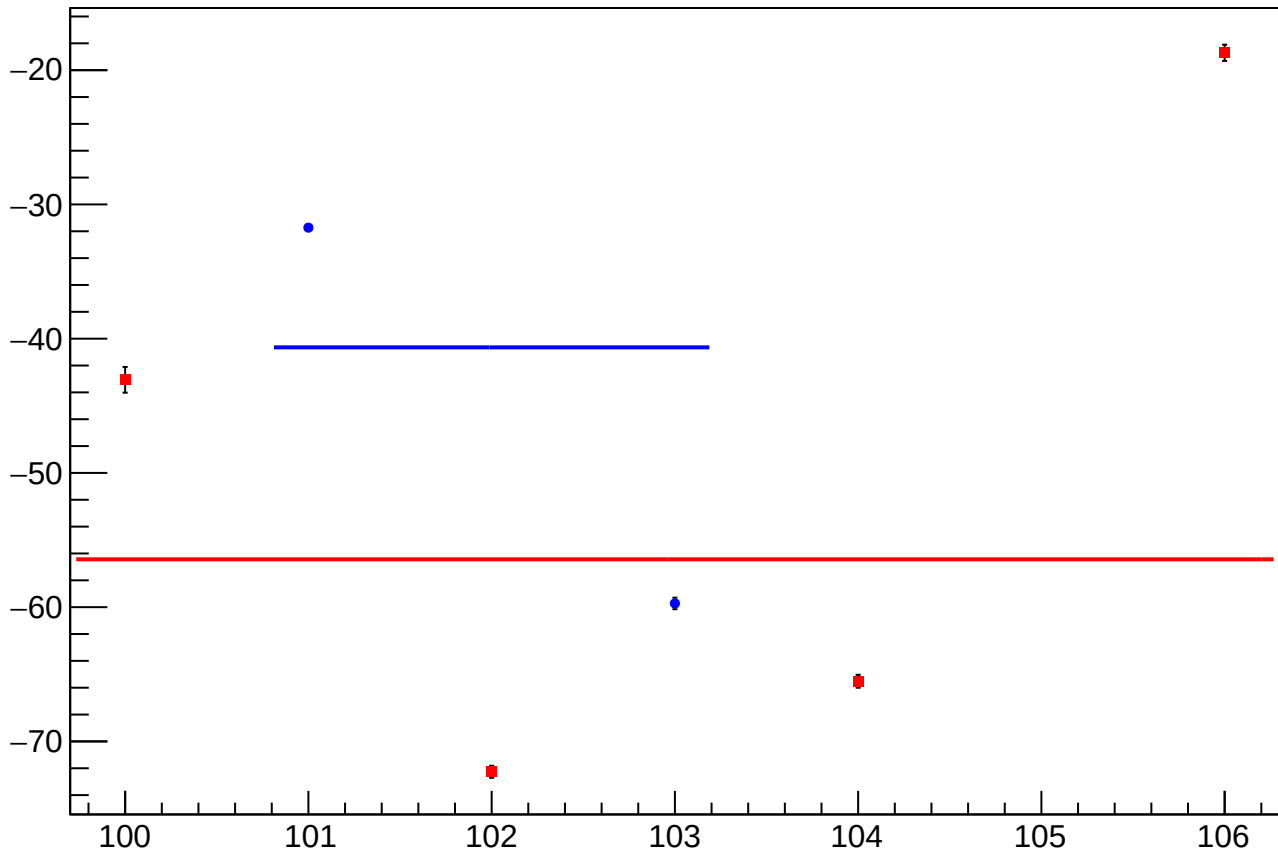
Right: -0.730 ± 0.007 χ^2/NDF : 1550.5/5

In: -0.642 ± 0.010 χ^2/NDF : 297.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.730 ± 0.007 χ^2/NDF : 1550.5/5

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.647+/-0.243 χ^2/NDF : 2891.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.434+/-0.276 χ^2/NDF : 5674.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

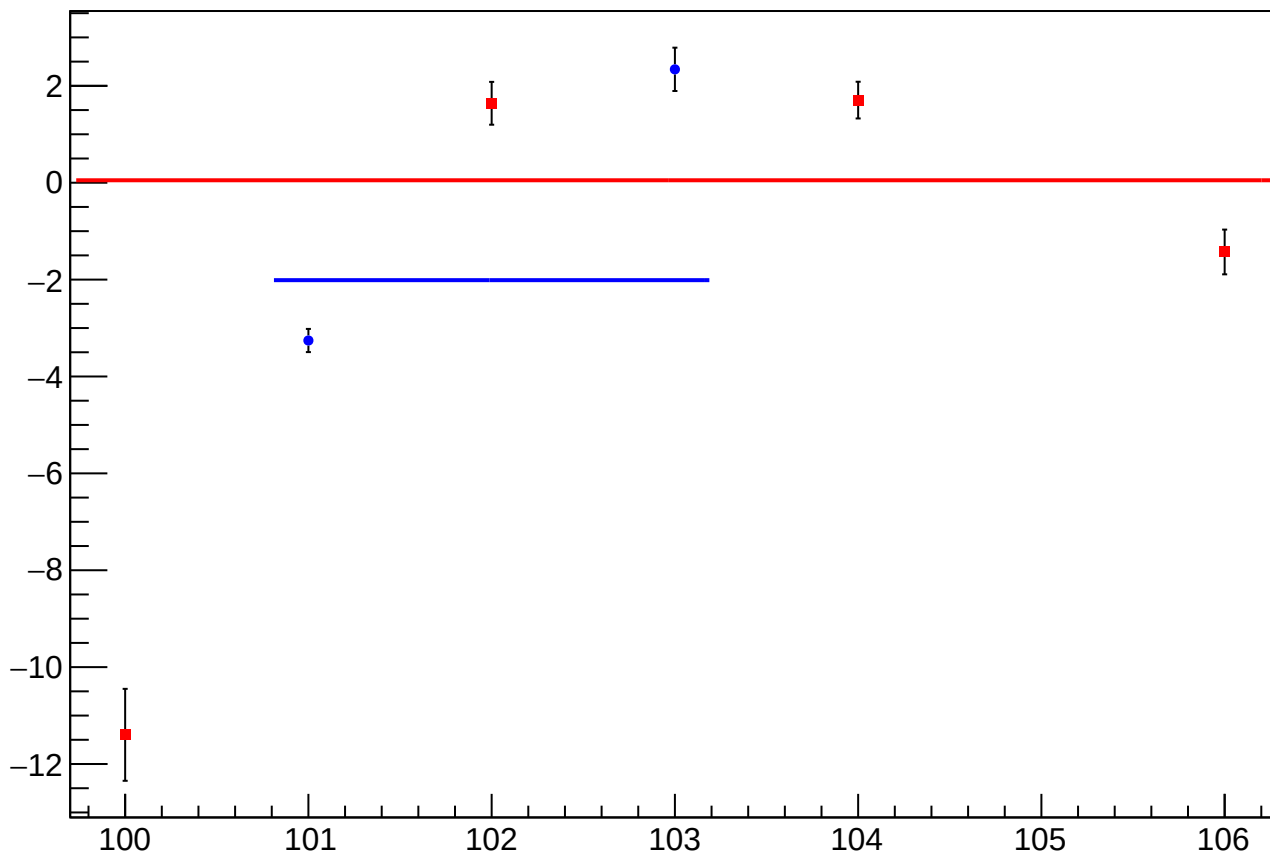
Right: -47.515+/-0.182 χ^2/NDF : 10409.2/5

In: -40.647+/-0.243 χ^2/NDF : 2891.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.515+/-0.182 χ^2/NDF : 10409.2/5

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.011+/-0.211 χ^2 /NDF: 121.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.051+/-0.237 χ^2 /NDF: 187.8/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

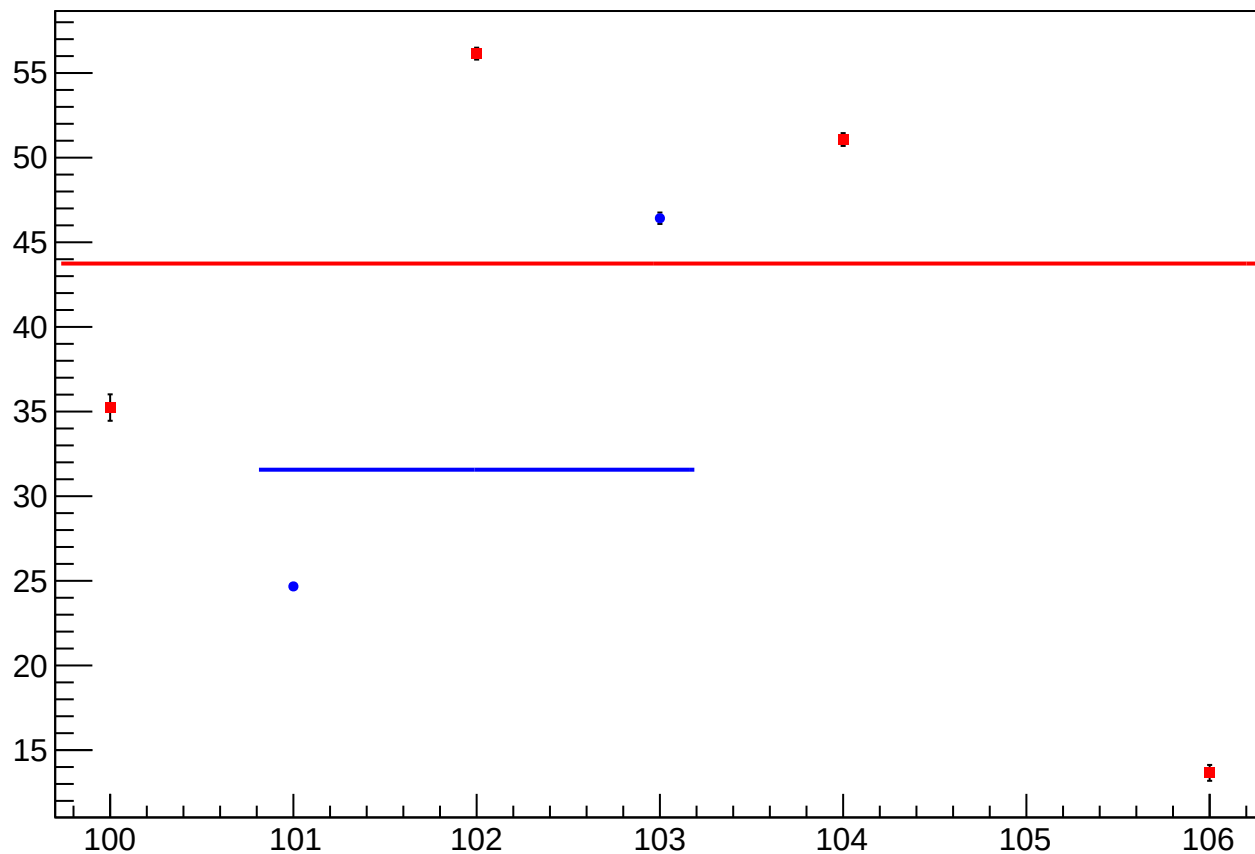
Right: -1.098+/-0.157 χ^2 /NDF: 351.9/5

In: -2.011+/-0.211 χ^2 /NDF:121.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.098+/-0.157 χ^2 /NDF: 351.9/5

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.565 ± 0.190 $\chi^2/\text{NDF}: 2840.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.744 ± 0.217 $\chi^2/\text{NDF}: 5855.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

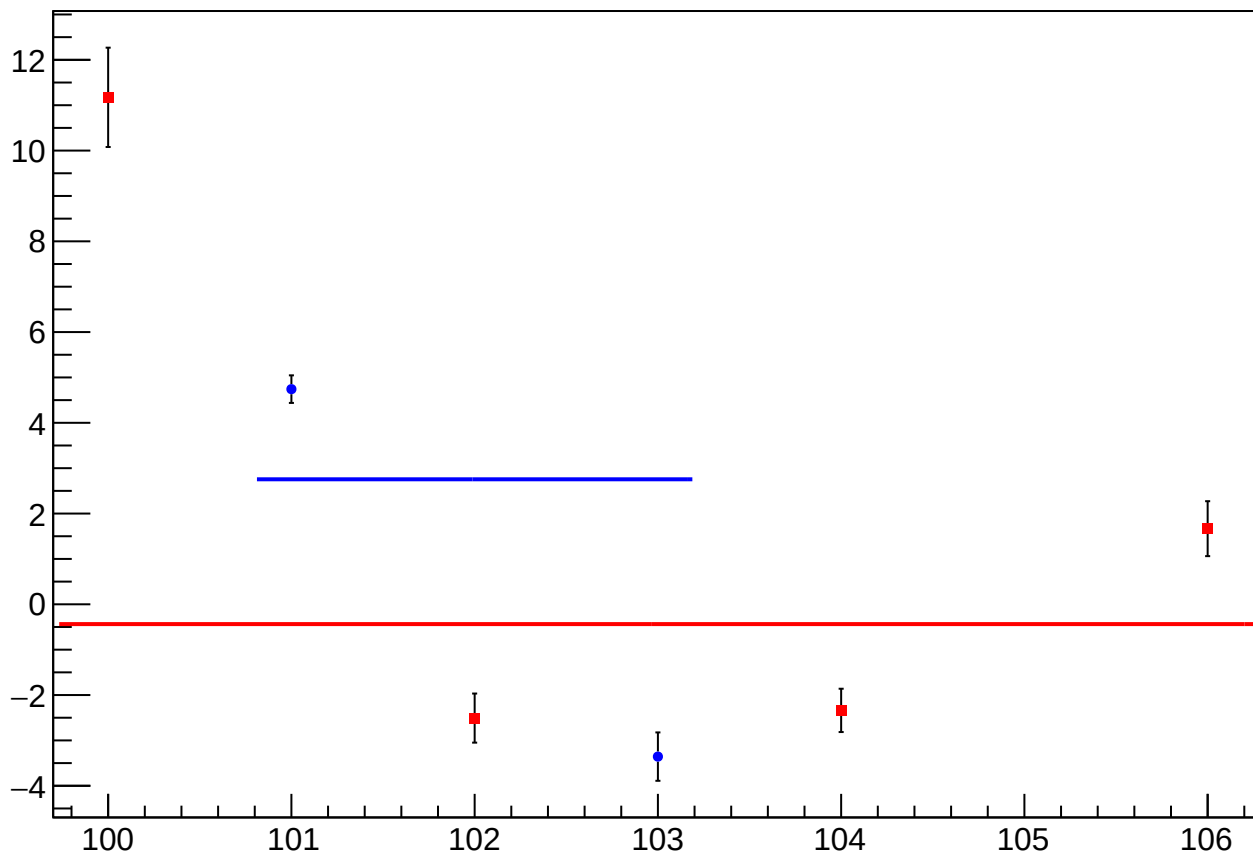
Right: 36.843 ± 0.143 $\chi^2/\text{NDF}: 10478.6/5$

In: 31.565 ± 0.190 $\chi^2/\text{NDF}: 2840.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 36.843 ± 0.143 $\chi^2/\text{NDF}: 10478.6/5$

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.755±0.264 χ^2/NDF : 174.2/1

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -0.436±0.297 χ^2/NDF : 155.1/3

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

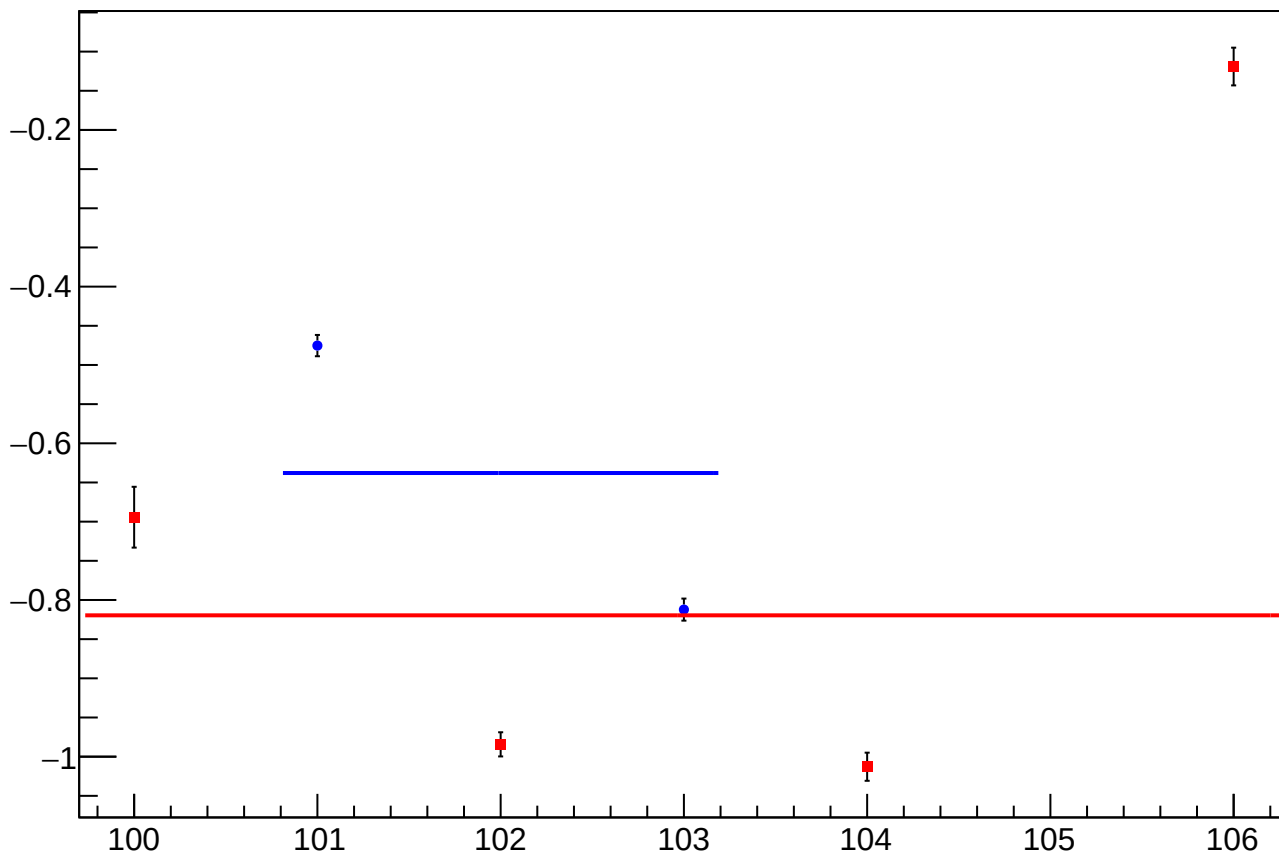
Right: 1.344±0.197 χ^2/NDF : 393.8/5

In: 2.755±0.264 χ^2/NDF : 174.2/1

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: 1.344±0.197 χ^2/NDF : 393.8/5

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.638 ± 0.010 $\chi^2/\text{NDF}: 296.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.820 ± 0.010 $\chi^2/\text{NDF}: 1086.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

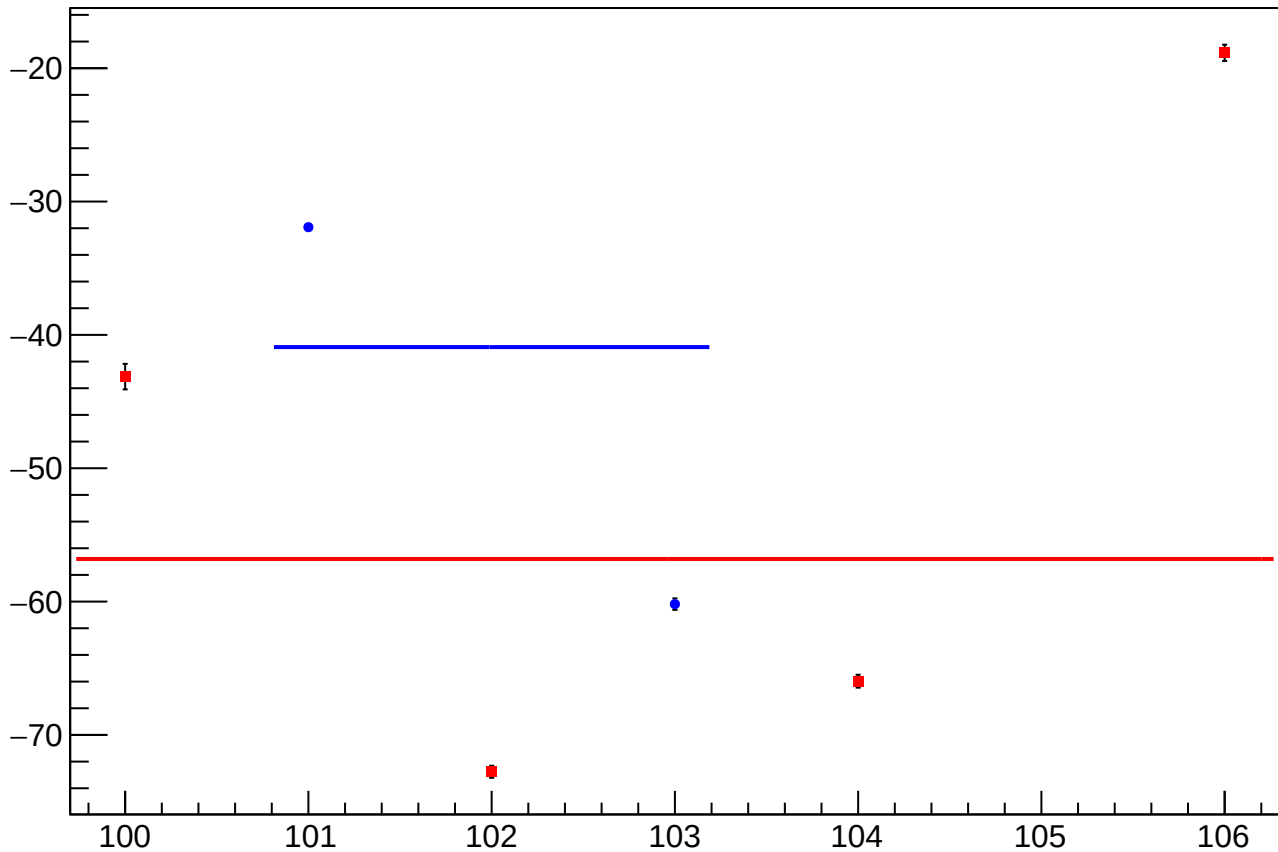
Right: -0.725 ± 0.007 $\chi^2/\text{NDF}: 1549.5/5$

In: -0.638 ± 0.010 $\chi^2/\text{NDF}: 296.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.725 ± 0.007 $\chi^2/\text{NDF}: 1549.5/5$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.914 $\pm$ 0.244 χ^2 /NDF: 2912.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -56.803 $\pm$ 0.278 χ^2 /NDF: 5679.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

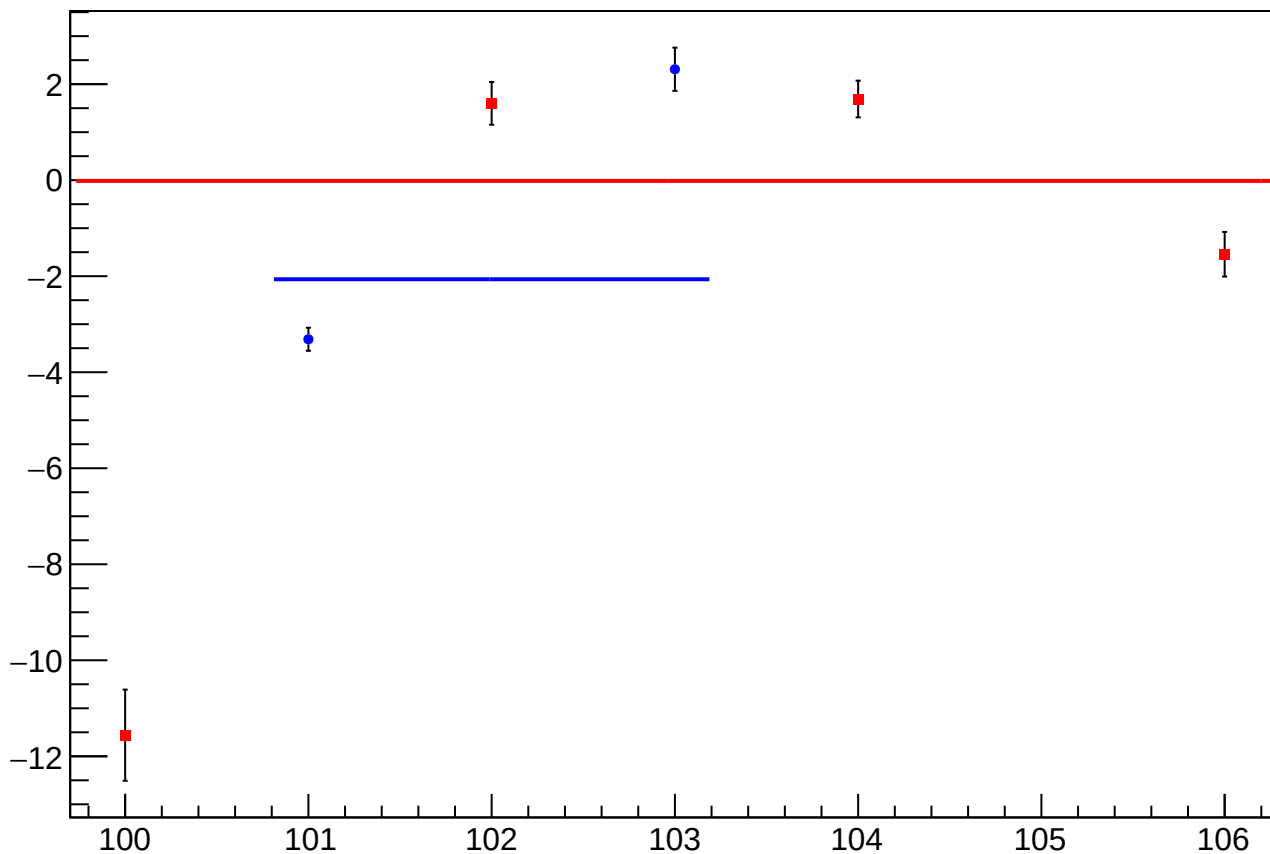
Right: -47.822 $\pm$ 0.183 χ^2 /NDF: 10436.9/5

In: -40.914 $\pm$ 0.244 χ^2 /NDF:2912.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.822 $\pm$ 0.183 χ^2 /NDF: 10436.9/5

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.064+/-0.212 χ^2/NDF : 121.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.238 χ^2/NDF : 191.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

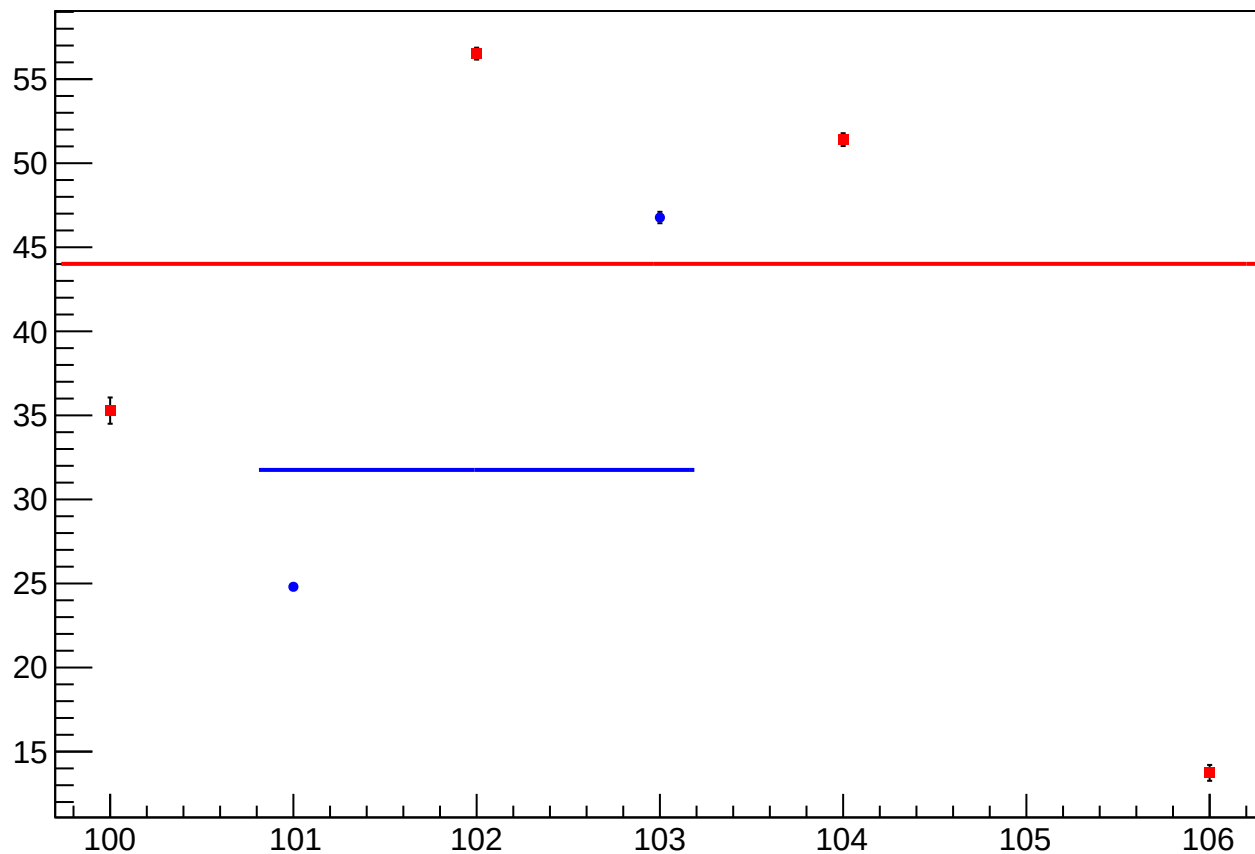
Right: -1.157+/-0.158 χ^2/NDF : 354.4/5

In: -2.064+/-0.212 χ^2/NDF : 121.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.157+/-0.158 χ^2/NDF : 354.4/5

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.756 ± 0.191 $\chi^2/\text{NDF}: 2861.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 44.013 ± 0.219 $\chi^2/\text{NDF}: 5859.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

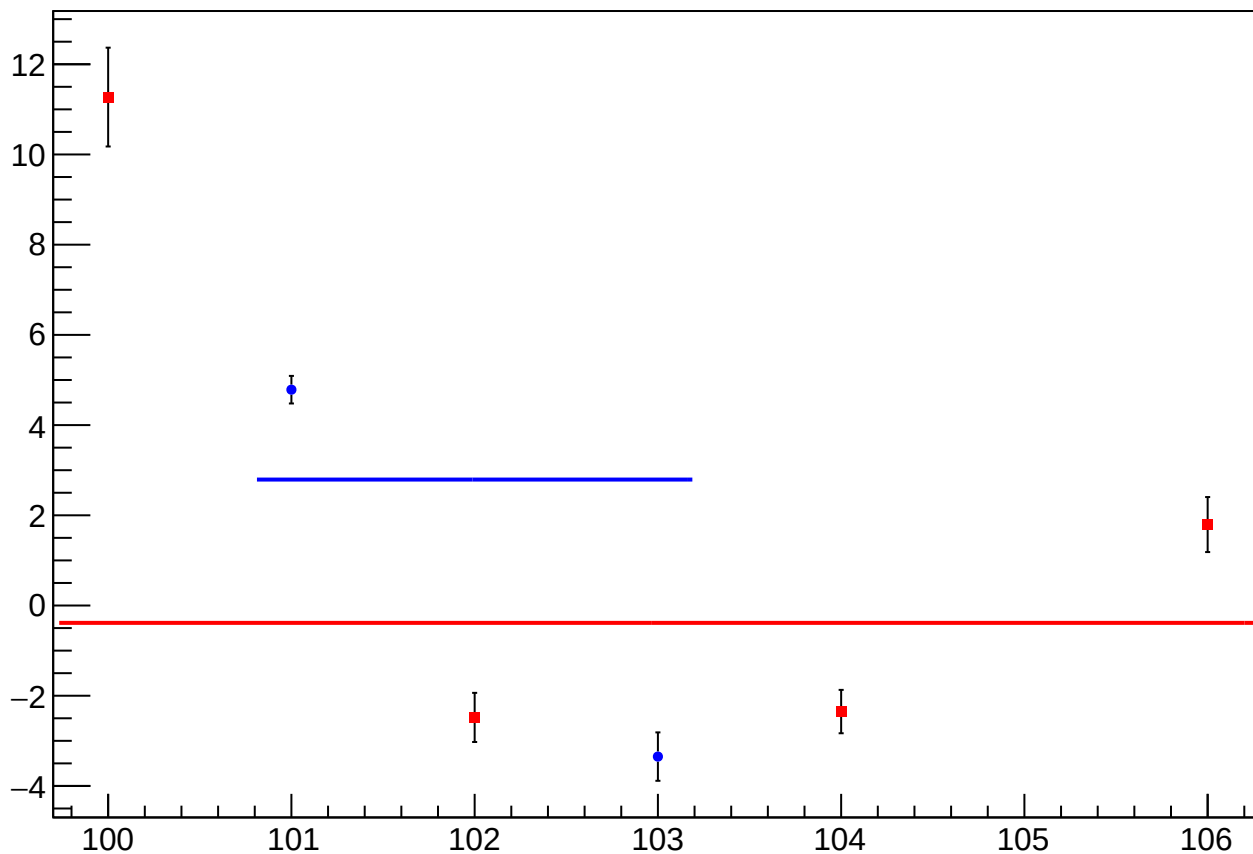
Right: 37.065 ± 0.144 $\chi^2/\text{NDF}: 10504.4/5$

In: 31.756 ± 0.191 $\chi^2/\text{NDF}: 2861.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.065 ± 0.144 $\chi^2/\text{NDF}: 10504.4/5$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.792 $\pm$ 0.266 χ^2 /NDF: 173.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.385 $\pm$ 0.299 χ^2 /NDF: 157.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

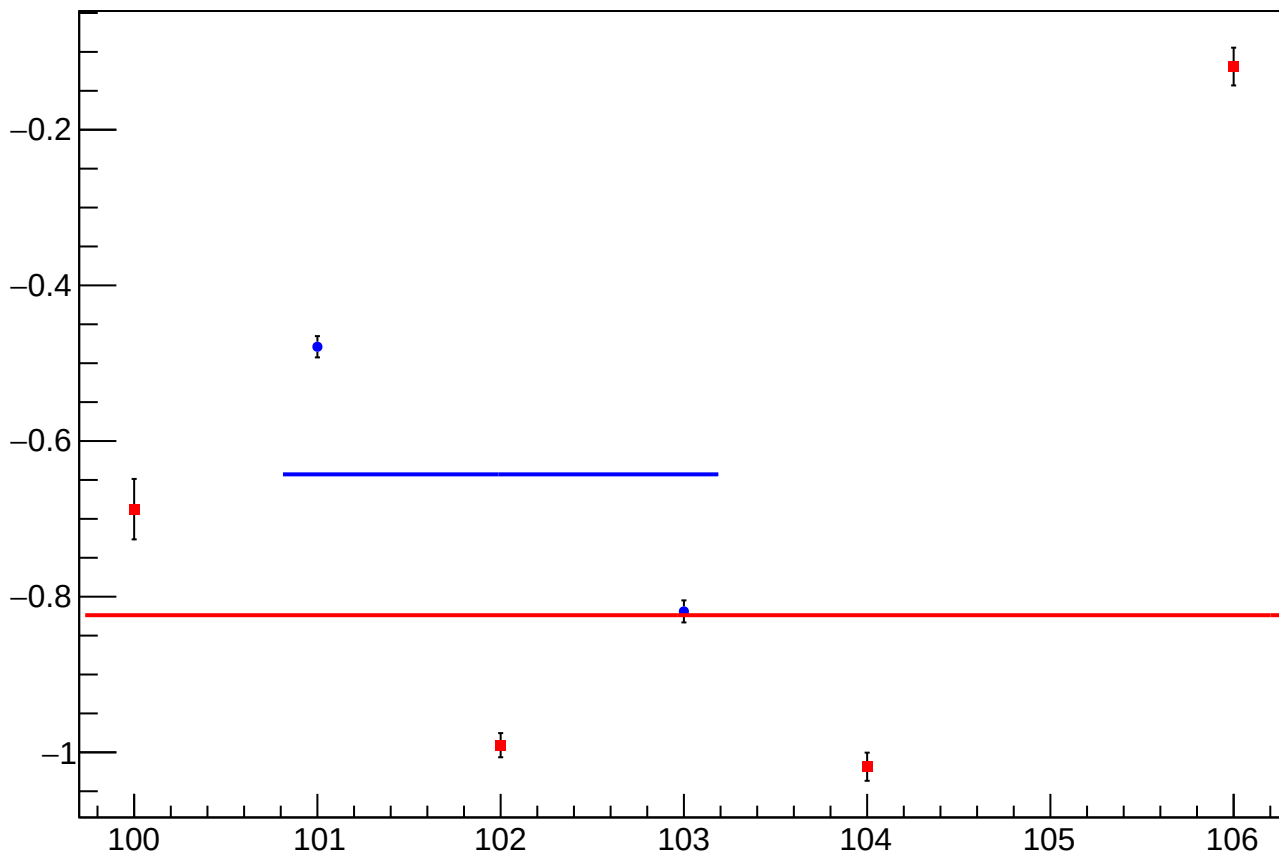
Right: 1.389 $\pm$ 0.198 χ^2 /NDF: 394.3/5

In: 2.792 $\pm$ 0.266 χ^2 /NDF:173.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.389 $\pm$ 0.198 χ^2 /NDF: 394.3/5

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: -0.730 ± 0.007 $\chi^2/\text{NDF}: 1549.7/5$

In: -0.643 ± 0.010 $\chi^2/\text{NDF}: 298.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.730 ± 0.007 $\chi^2/\text{NDF}: 1549.7/5$

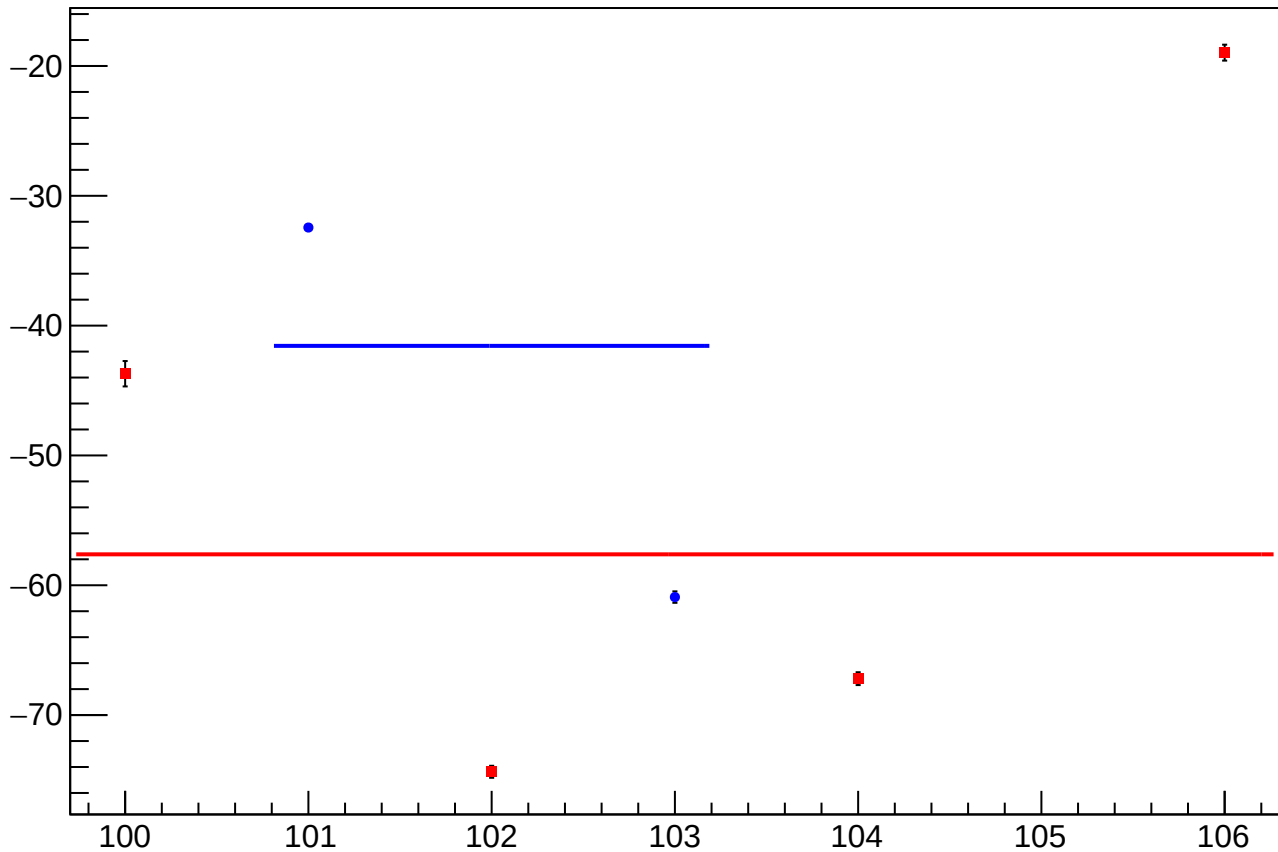
Right In: -0.643 ± 0.010 $\chi^2/\text{NDF}: 298.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.824 ± 0.010 $\chi^2/\text{NDF}: 1088.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.559 ± 0.249 $\chi^2/\text{NDF}: 2834.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -57.618 ± 0.284 $\chi^2/\text{NDF}: 5846.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

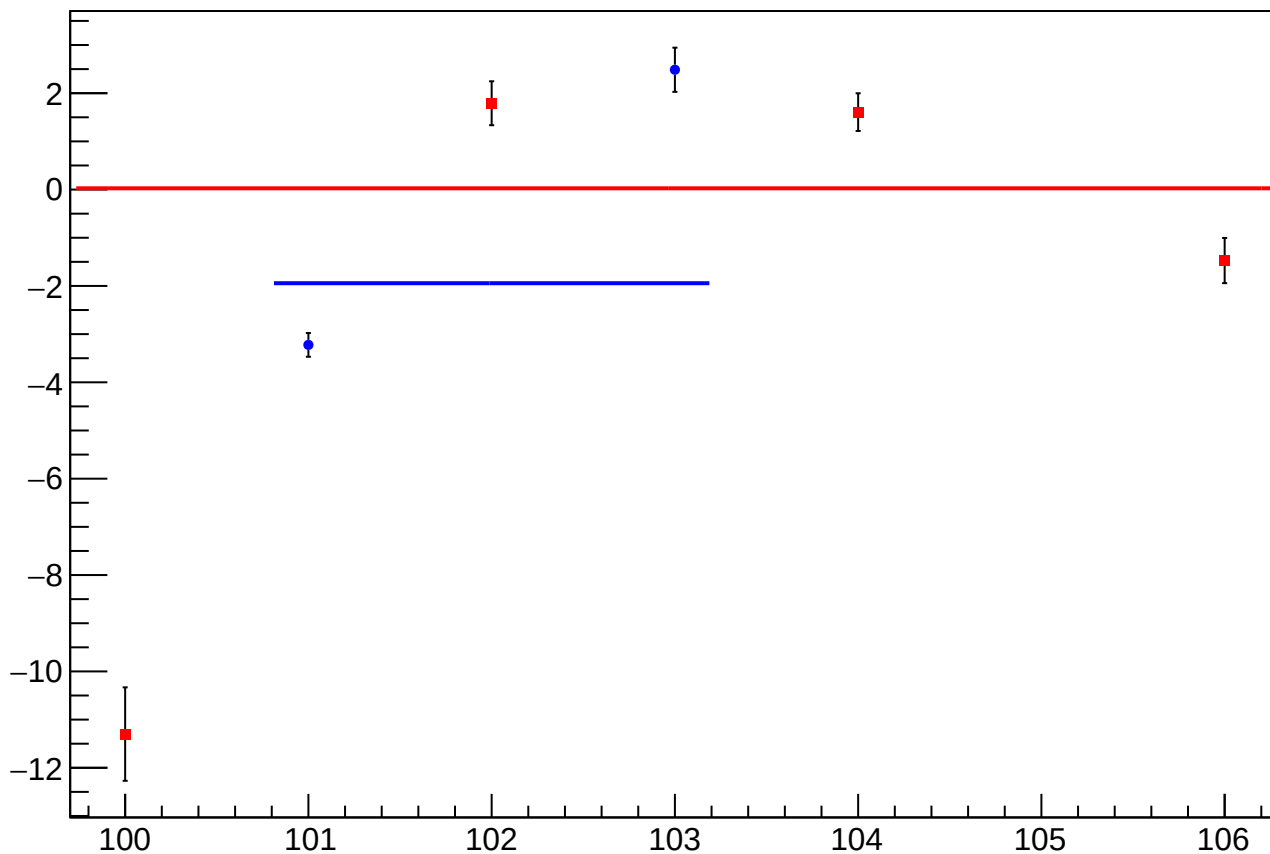
Right: -48.566 ± 0.187 $\chi^2/\text{NDF}: 10488.7/5$

In: -41.559 ± 0.249 $\chi^2/\text{NDF}: 2834.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -48.566 ± 0.187 $\chi^2/\text{NDF}: 10488.7/5$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.943+/-0.217 χ^2 /NDF: 120.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.026+/-0.243 χ^2 /NDF: 178.0/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

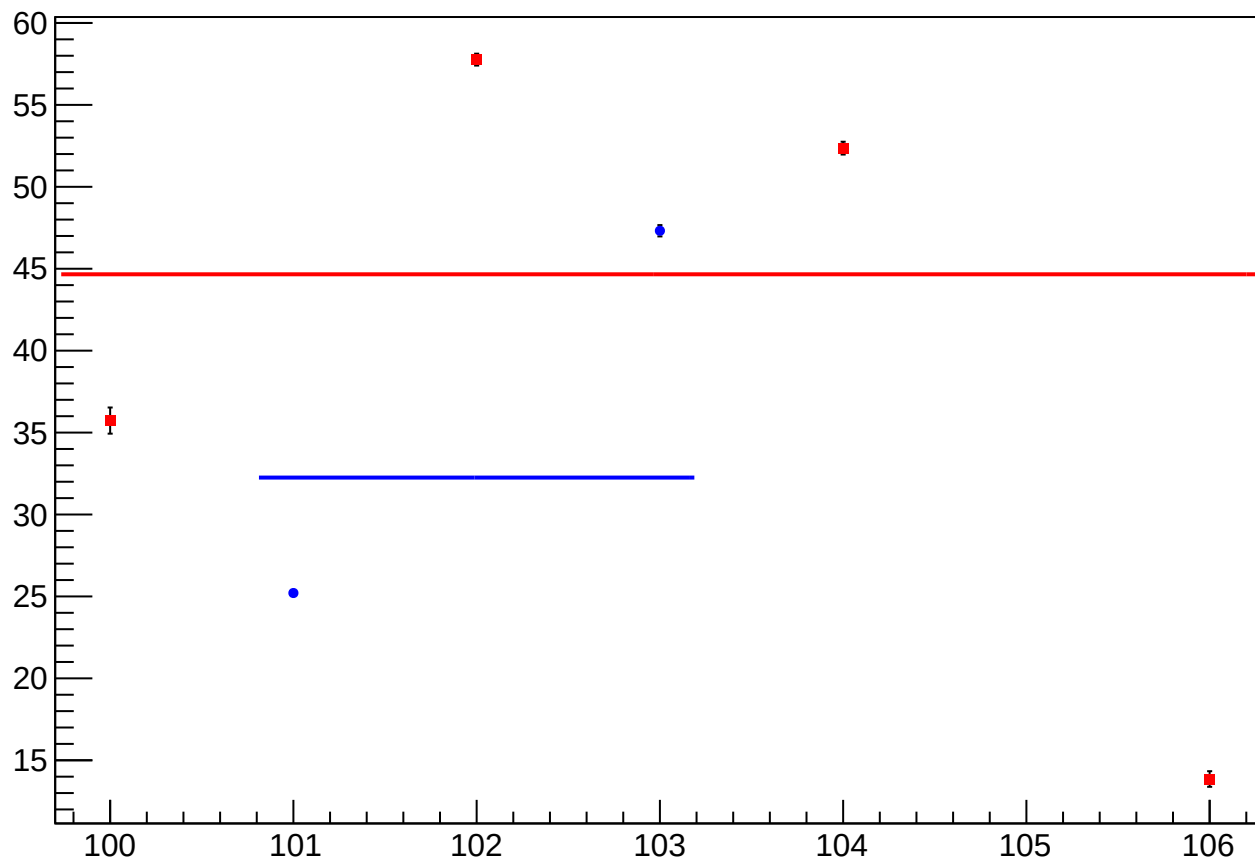
Right: -1.069+/-0.162 χ^2 /NDF: 334.9/5

In: -1.943+/-0.217 χ^2 /NDF:120.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.069+/-0.162 χ^2 /NDF: 334.9/5

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.254 ± 0.195 $\chi^2/\text{NDF}: 2782.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 44.661 ± 0.223 $\chi^2/\text{NDF}: 6008.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

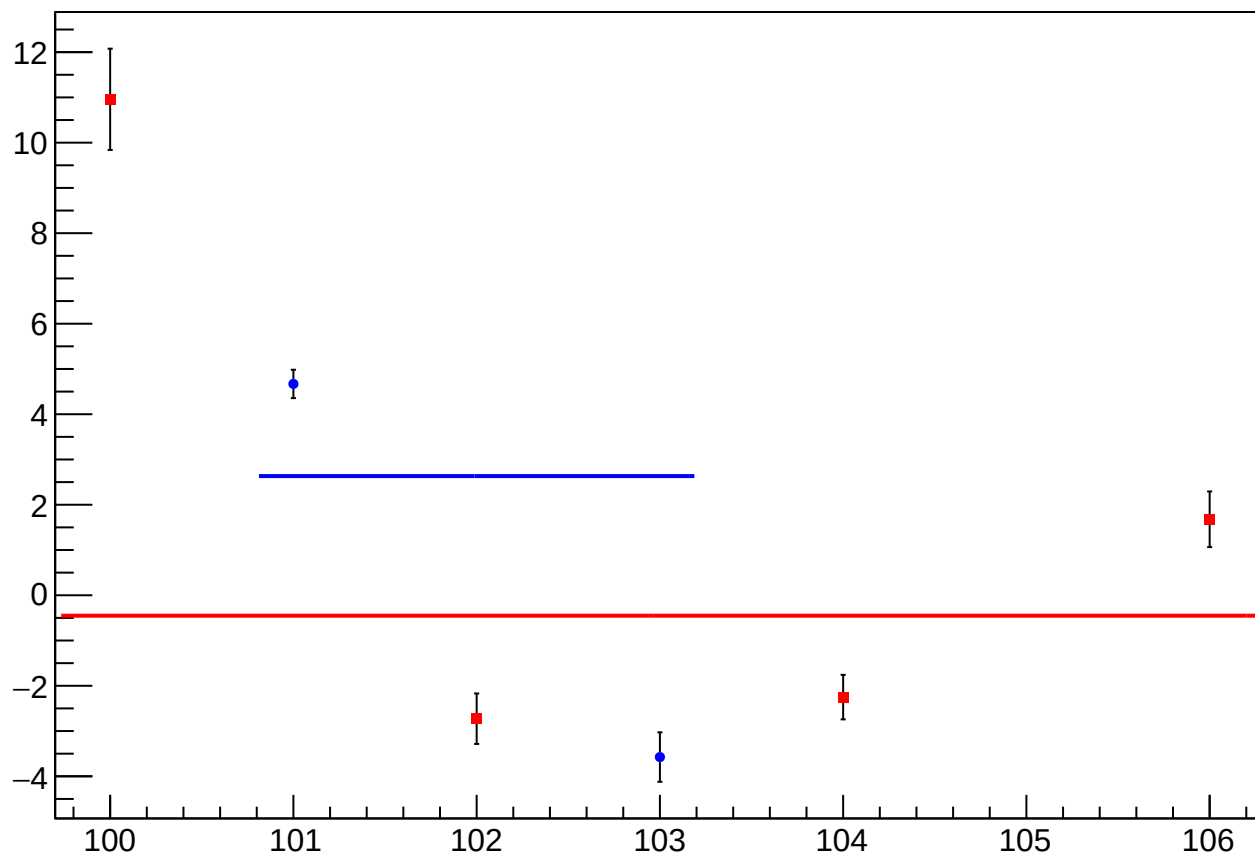
Right: 37.645 ± 0.147 $\chi^2/\text{NDF}: 10544.2/5$

In: 32.254 ± 0.195 $\chi^2/\text{NDF}: 2782.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.645 ± 0.147 $\chi^2/\text{NDF}: 10544.2/5$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.633 ± 0.272 $\chi^2/\text{NDF}: 171.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.451 ± 0.304 $\chi^2/\text{NDF}: 146.0/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

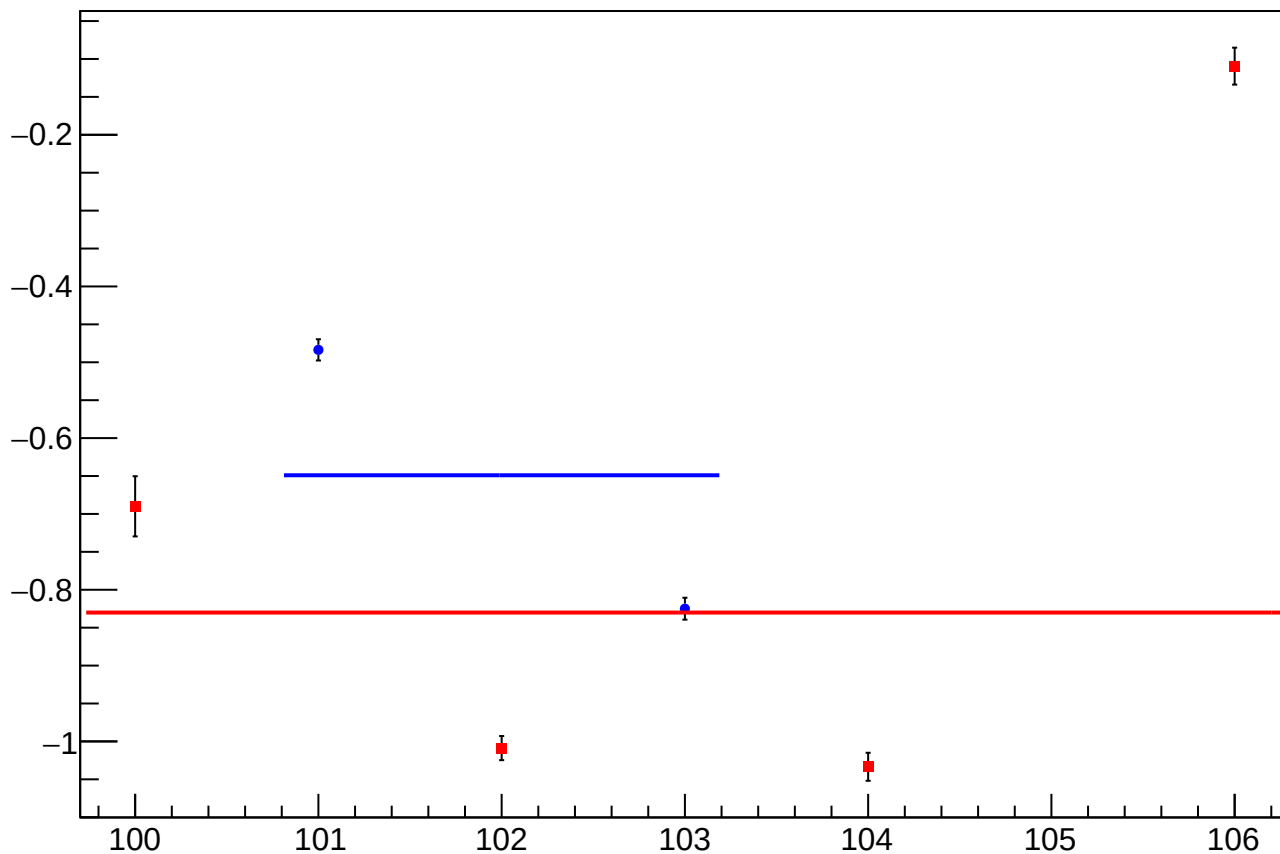
Right: 1.266 ± 0.203 $\chi^2/\text{NDF}: 374.5/5$

In: 2.633 ± 0.272 $\chi^2/\text{NDF}: 171.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.266 ± 0.203 $\chi^2/\text{NDF}: 374.5/5$

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.649 ± 0.010 χ^2/NDF : 287.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.830 ± 0.010 χ^2/NDF : 1135.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

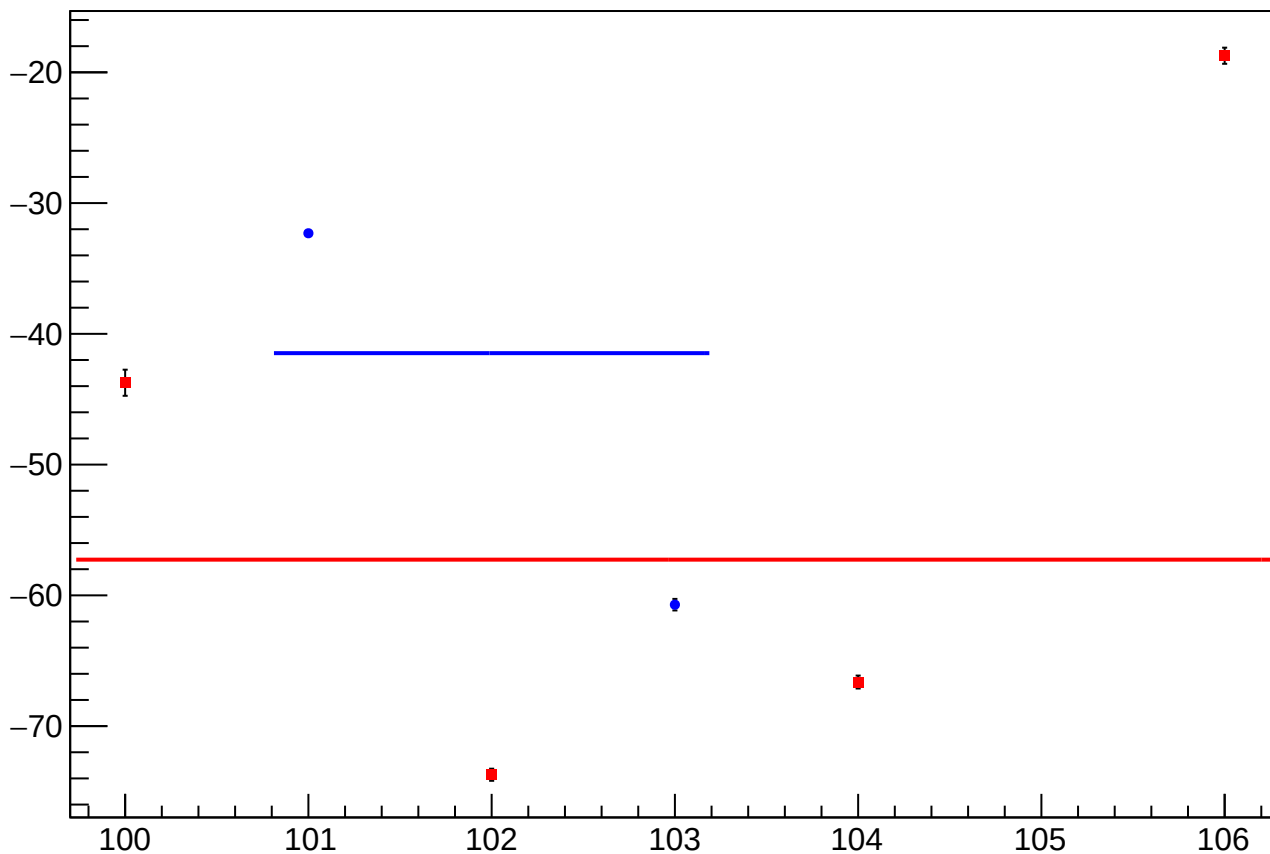
Right: -0.736 ± 0.007 χ^2/NDF : 1579.4/5

In: -0.649 ± 0.010 χ^2/NDF : 287.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.736 ± 0.007 χ^2/NDF : 1579.4/5

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.477+/-0.251 χ^2/NDF : 2802.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.269+/-0.284 χ^2/NDF : 5715.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

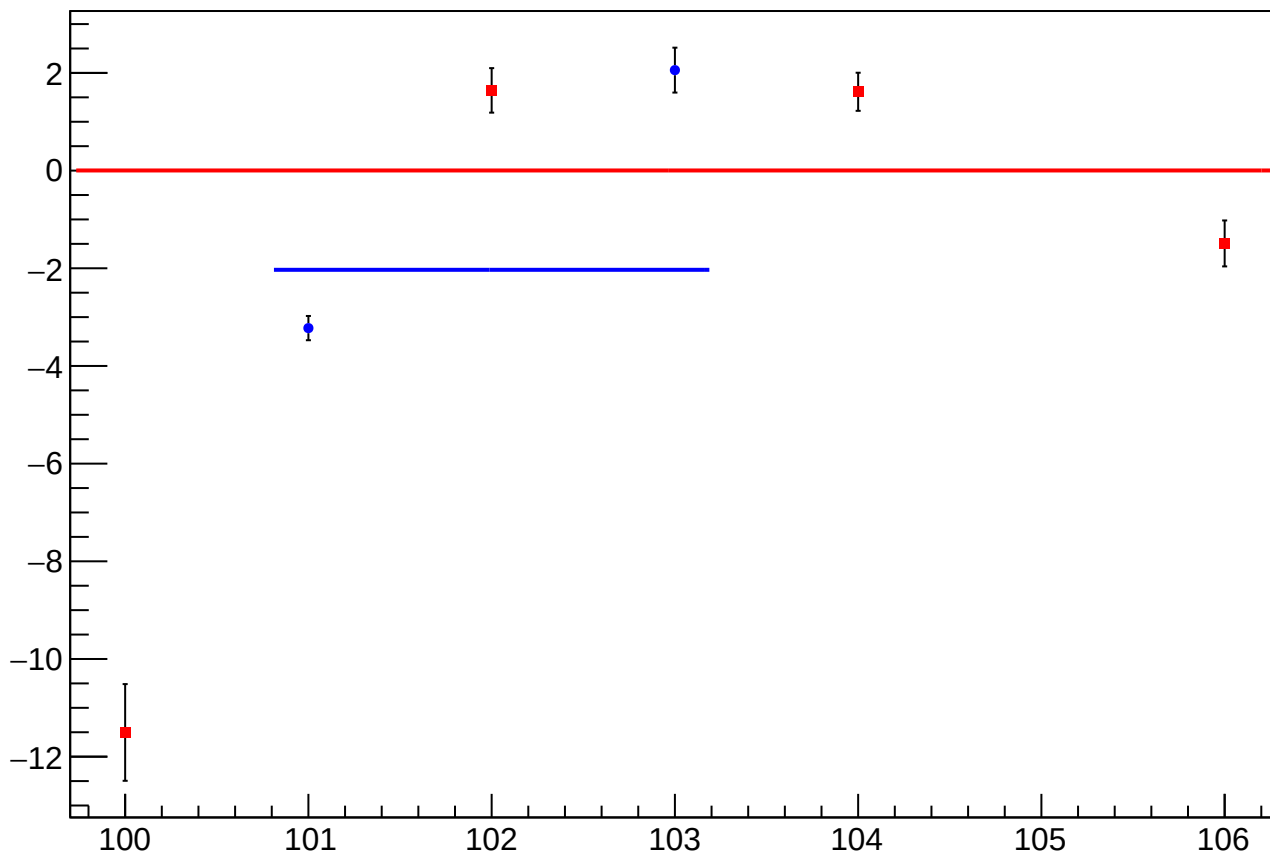
Right: -48.397+/-0.188 χ^2/NDF : 10253.5/5

In: -41.477+/-0.251 χ^2/NDF : 2802.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.397+/-0.188 χ^2/NDF : 10253.5/5

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.031 $\pm$ 0.218 χ^2 /NDF: 102.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.243 χ^2 /NDF: 175.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

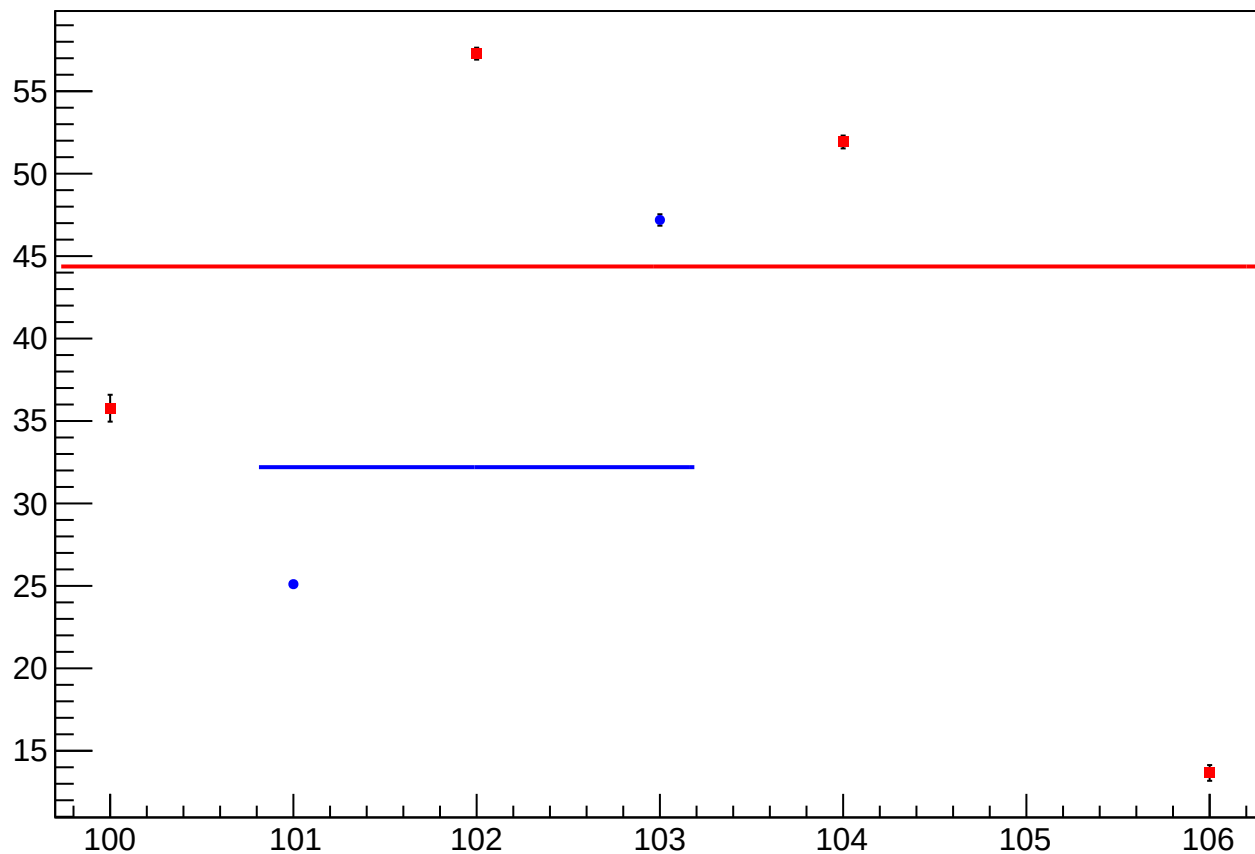
Right: -1.122 $\pm$ 0.162 χ^2 /NDF: 316.2/5

In: -2.031 $\pm$ 0.218 χ^2 /NDF:102.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.122 $\pm$ 0.162 χ^2 /NDF: 316.2/5

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.200 ± 0.196 $\chi^2/\text{NDF}: 2756.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 44.371 ± 0.223 $\chi^2/\text{NDF}: 5898.7/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

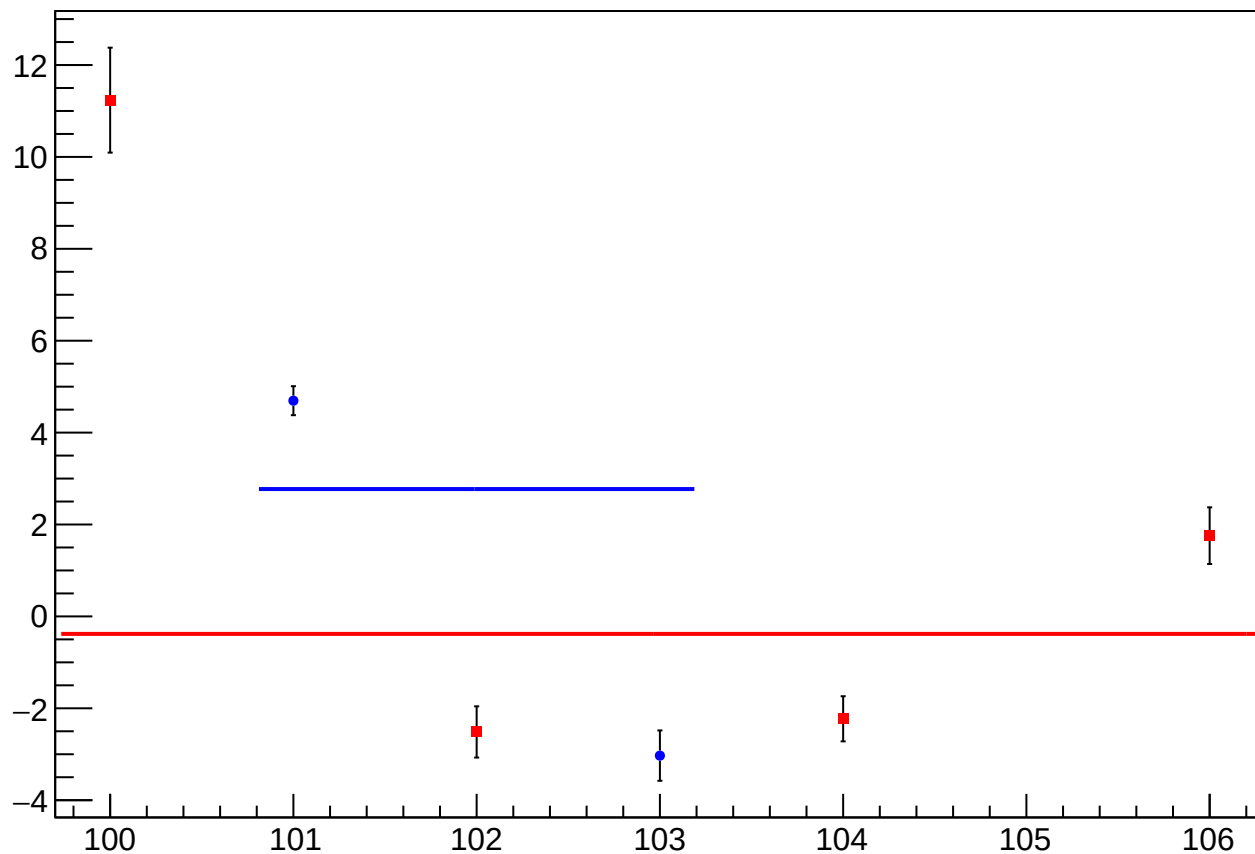
Right: 37.515 ± 0.147 $\chi^2/\text{NDF}: 10331.4/5$

In: 32.200 ± 0.196 $\chi^2/\text{NDF}: 2756.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.515 ± 0.147 $\chi^2/\text{NDF}: 10331.4/5$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.772+/-0.273 χ^2/NDF : 149.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.381+/-0.305 χ^2/NDF : 144.3/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

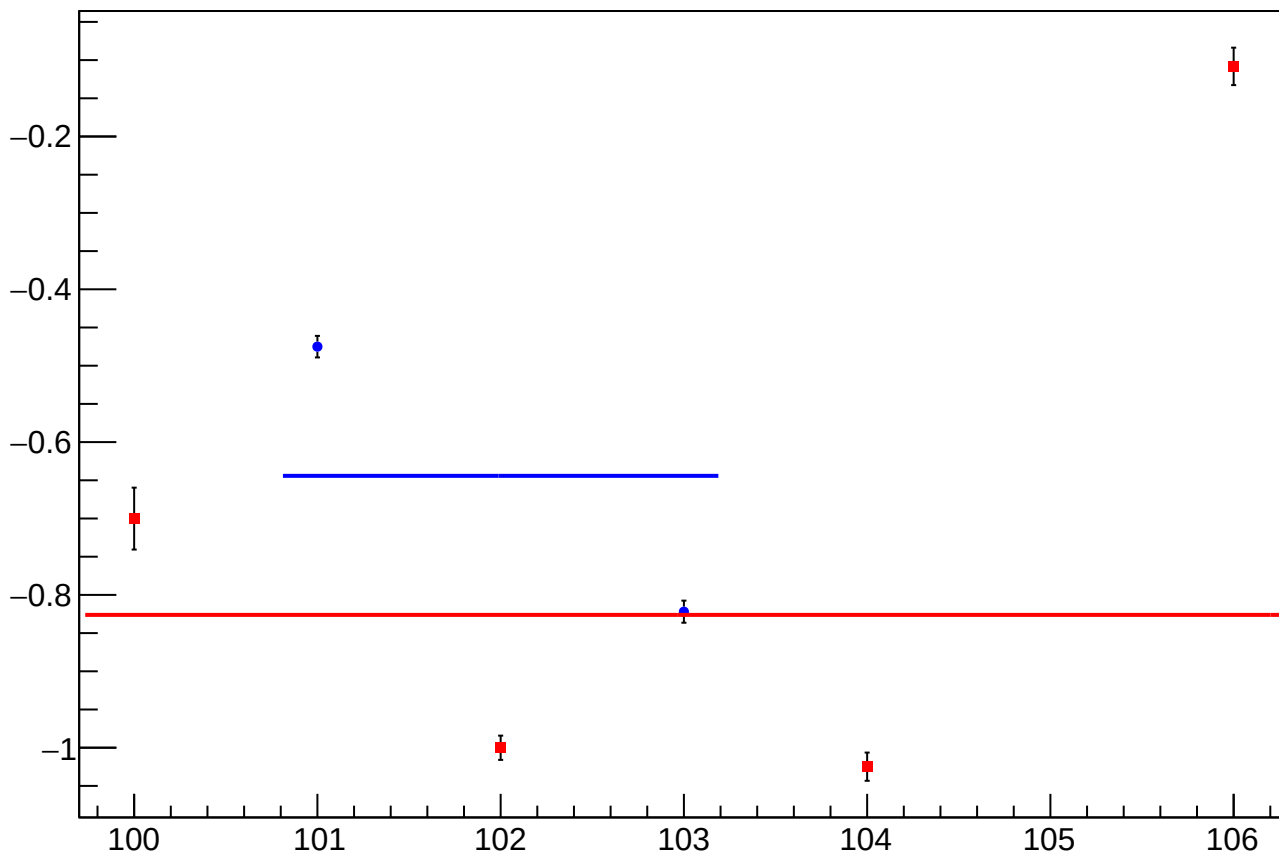
Right: 1.366+/-0.204 χ^2/NDF : 352.8/5

In: 2.772+/-0.273 χ^2/NDF :149.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.366+/-0.204 χ^2/NDF : 352.8/5

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.644 ± 0.010 χ^2/NDF : 294.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.826 ± 0.010 χ^2/NDF : 1104.0/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

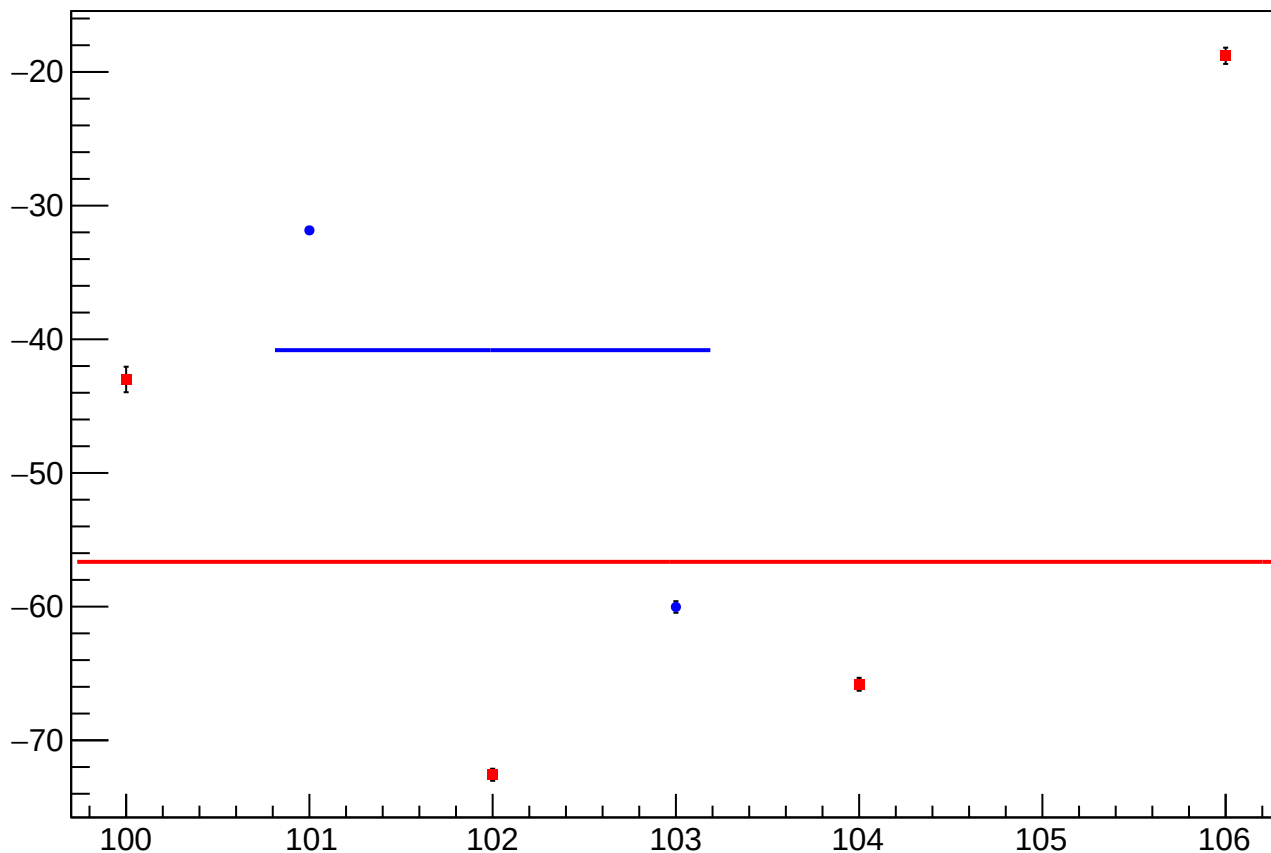
Right: -0.732 ± 0.007 χ^2/NDF : 1555.8/5

In: -0.644 ± 0.010 χ^2/NDF : 294.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.732 ± 0.007 χ^2/NDF : 1555.8/5

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.813 ± 0.243 χ^2/NDF : 2910.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -56.649 ± 0.277 χ^2/NDF : 5690.3/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

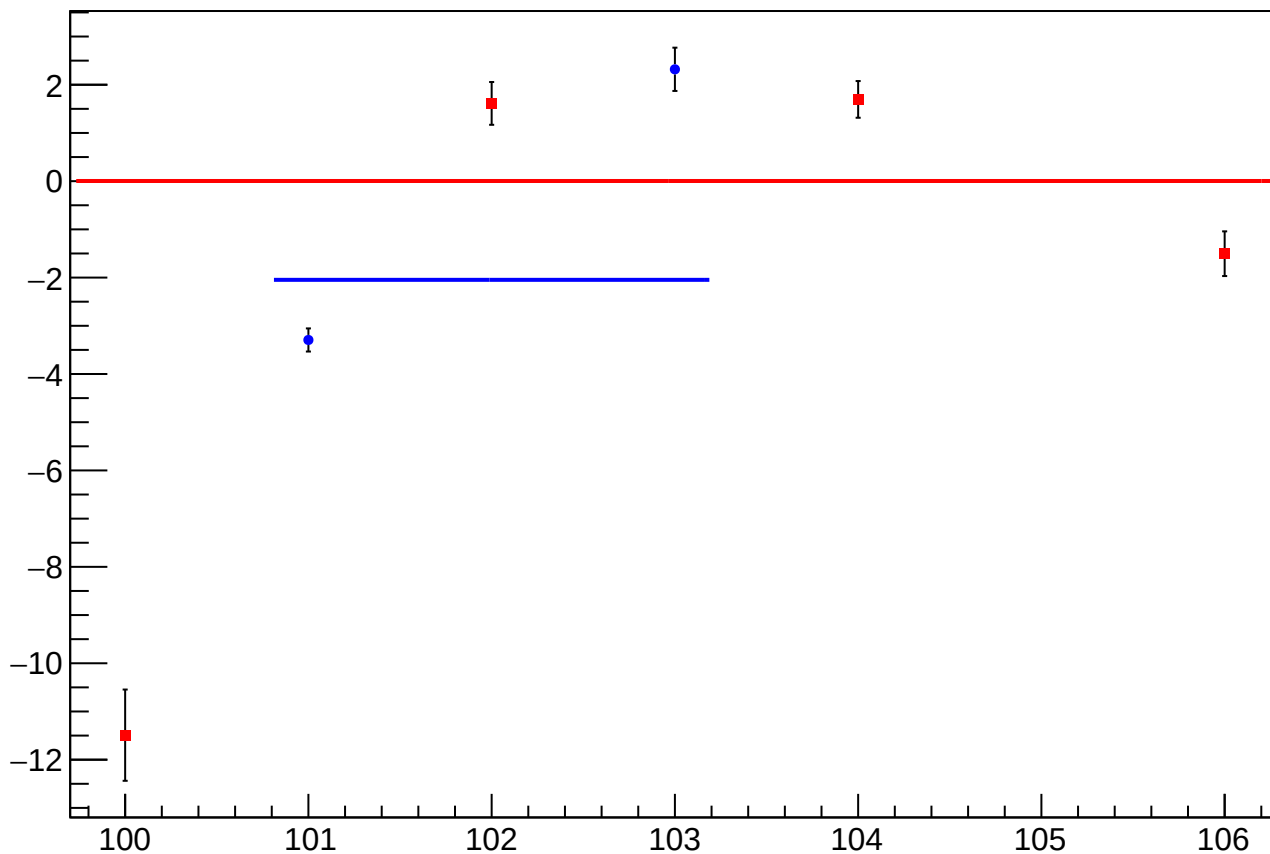
Right: -47.699 ± 0.183 χ^2/NDF : 10443.6/5

In: -40.813 ± 0.243 χ^2/NDF : 2910.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.699 ± 0.183 χ^2/NDF : 10443.6/5

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.047 $\pm$ 0.212 χ^2 /NDF: 121.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.237 χ^2 /NDF: 191.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

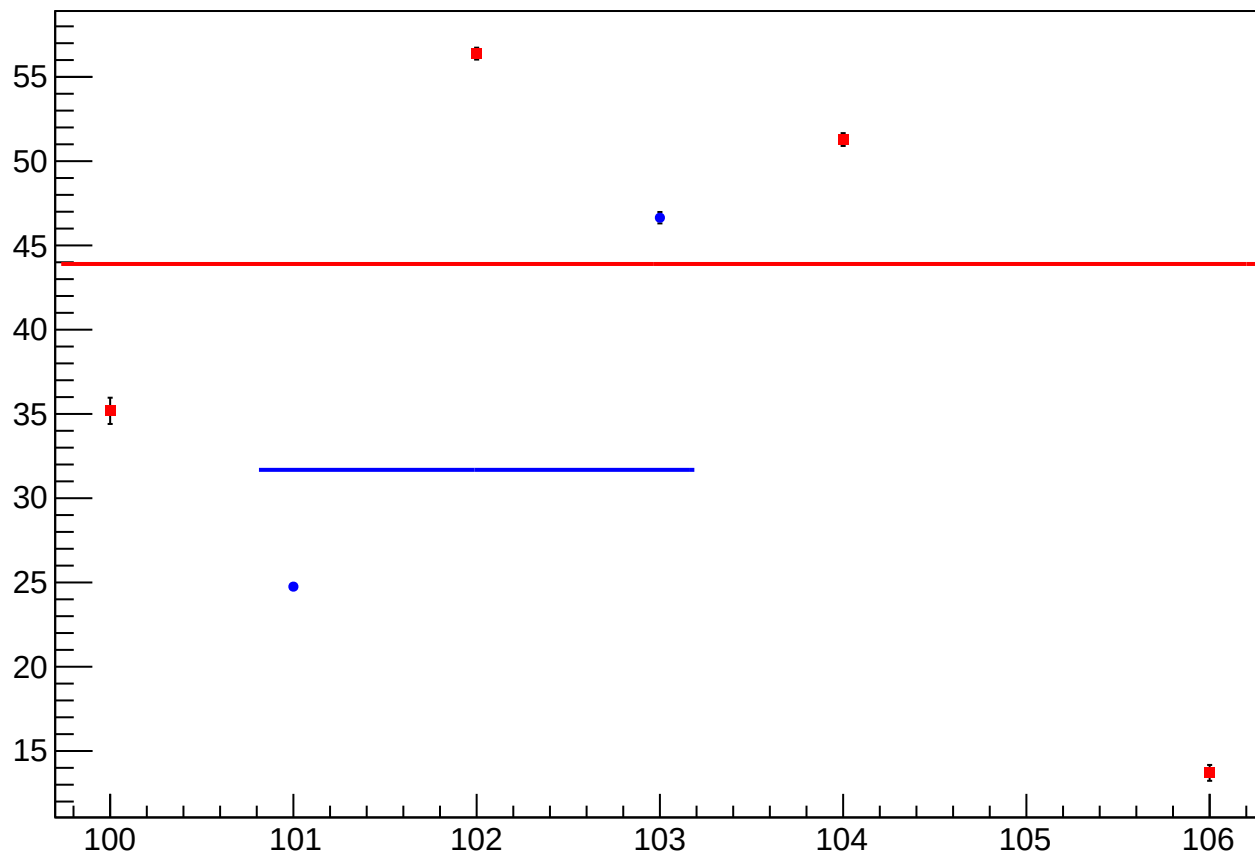
Right: -1.139 $\pm$ 0.158 χ^2 /NDF: 354.3/5

In: -2.047 $\pm$ 0.212 χ^2 /NDF:121.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.139 $\pm$ 0.158 χ^2 /NDF: 354.3/5

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.683+/-0.190 χ^2/NDF : 2858.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.899+/-0.218 χ^2/NDF : 5870.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

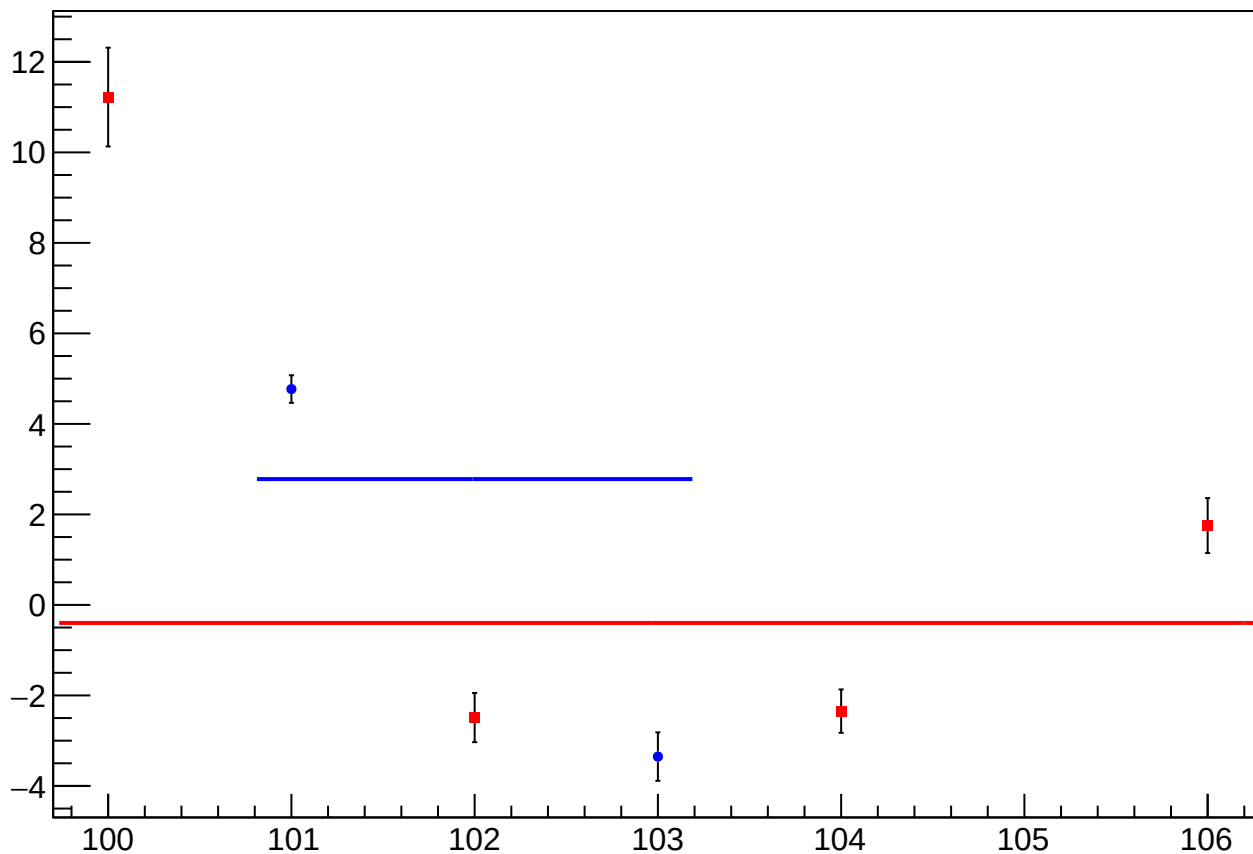
Right: 36.975+/-0.143 χ^2/NDF : 10511.7/5

In: 31.683+/-0.190 χ^2/NDF : 2858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.975+/-0.143 χ^2/NDF : 10511.7/5

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.781 ± 0.265 $\chi^2/\text{NDF}: 174.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.398 ± 0.298 $\chi^2/\text{NDF}: 157.2/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

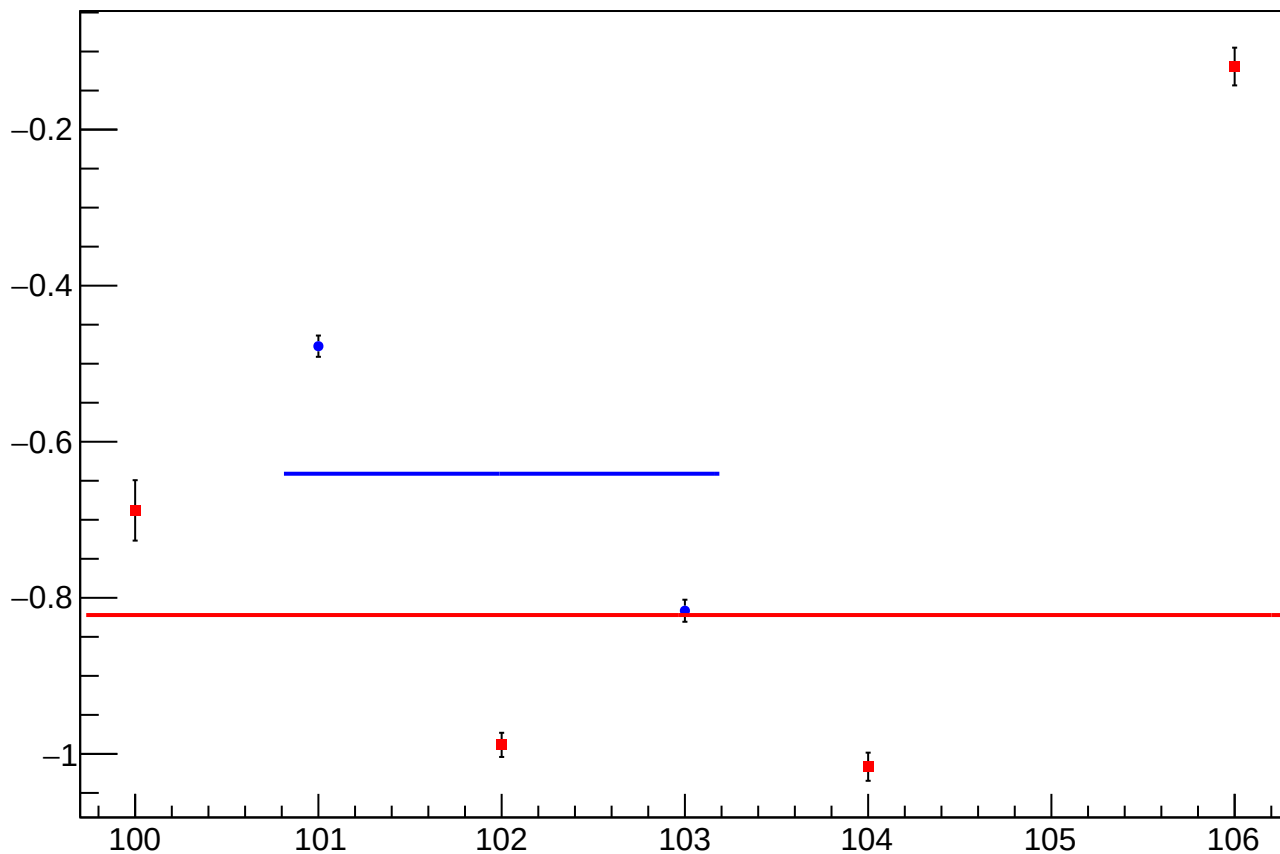
Right: 1.376 ± 0.198 $\chi^2/\text{NDF}: 394.8/5$

In: 2.781 ± 0.265 $\chi^2/\text{NDF}: 174.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.376 ± 0.198 $\chi^2/\text{NDF}: 394.8/5$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.641 $\pm$ 0.010 χ^2 /NDF: 298.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.822 $\pm$ 0.010 χ^2 /NDF: 1089.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

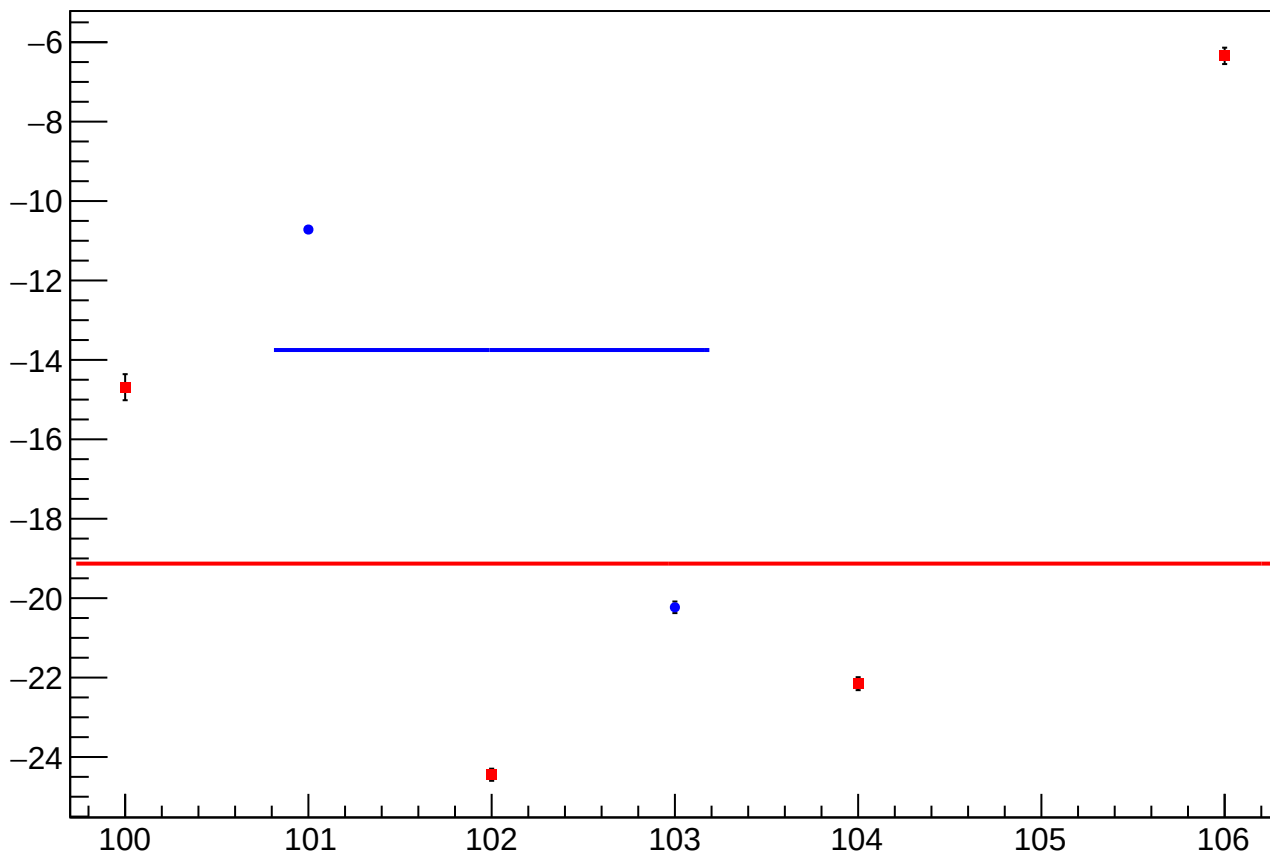
Right: -0.728 $\pm$ 0.007 χ^2 /NDF: 1551.2/5

In: -0.641 $\pm$ 0.010 χ^2 /NDF:298.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.728 $\pm$ 0.007 χ^2 /NDF: 1551.2/5

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.751 ± 0.082 $\chi^2/\text{NDF}: 2894.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.130 ± 0.094 $\chi^2/\text{NDF}: 5578.8/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

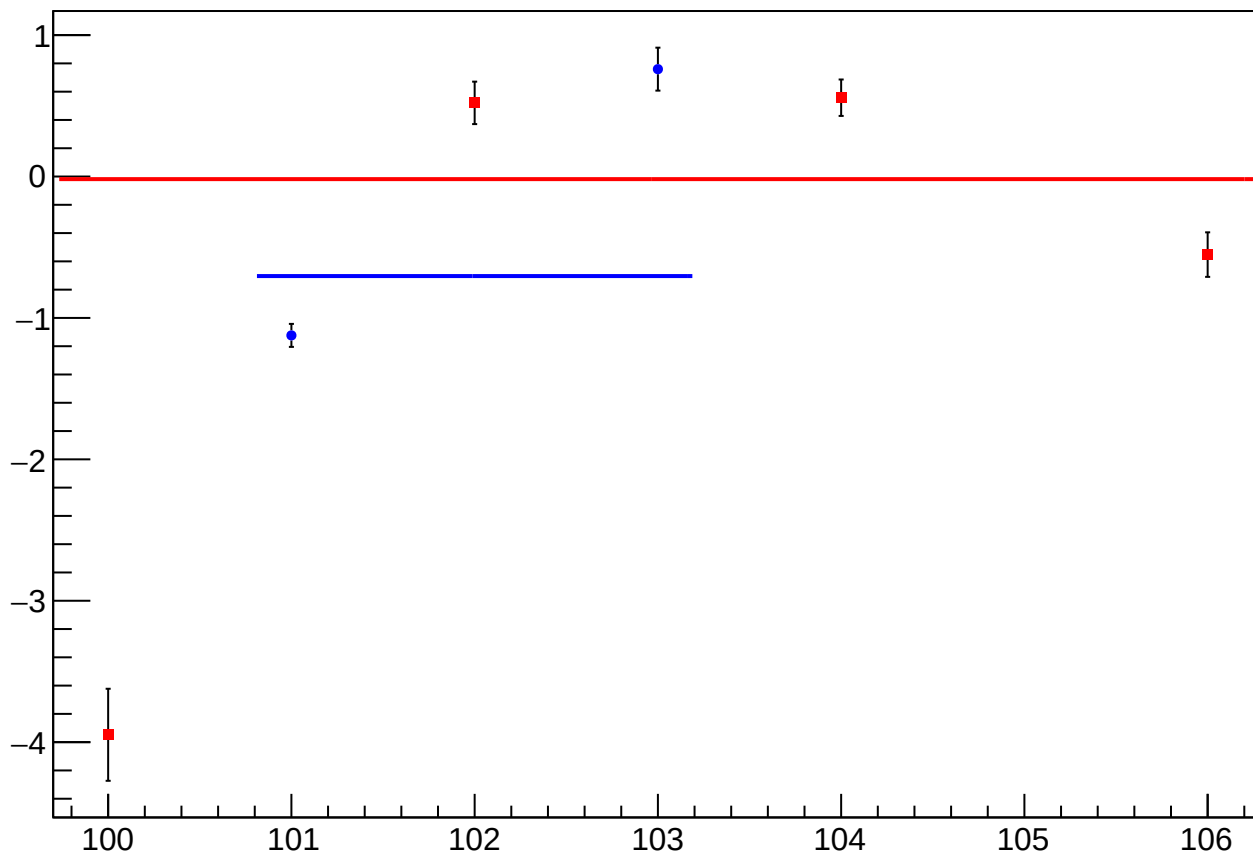
Right: -16.089 ± 0.062 $\chi^2/\text{NDF}: 10324.6/5$

In: -13.751 ± 0.082 $\chi^2/\text{NDF}: 2894.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.089 ± 0.062 $\chi^2/\text{NDF}: 10324.6/5$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.704 ± 0.072 χ^2/NDF : 119.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.080 χ^2/NDF : 190.2/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

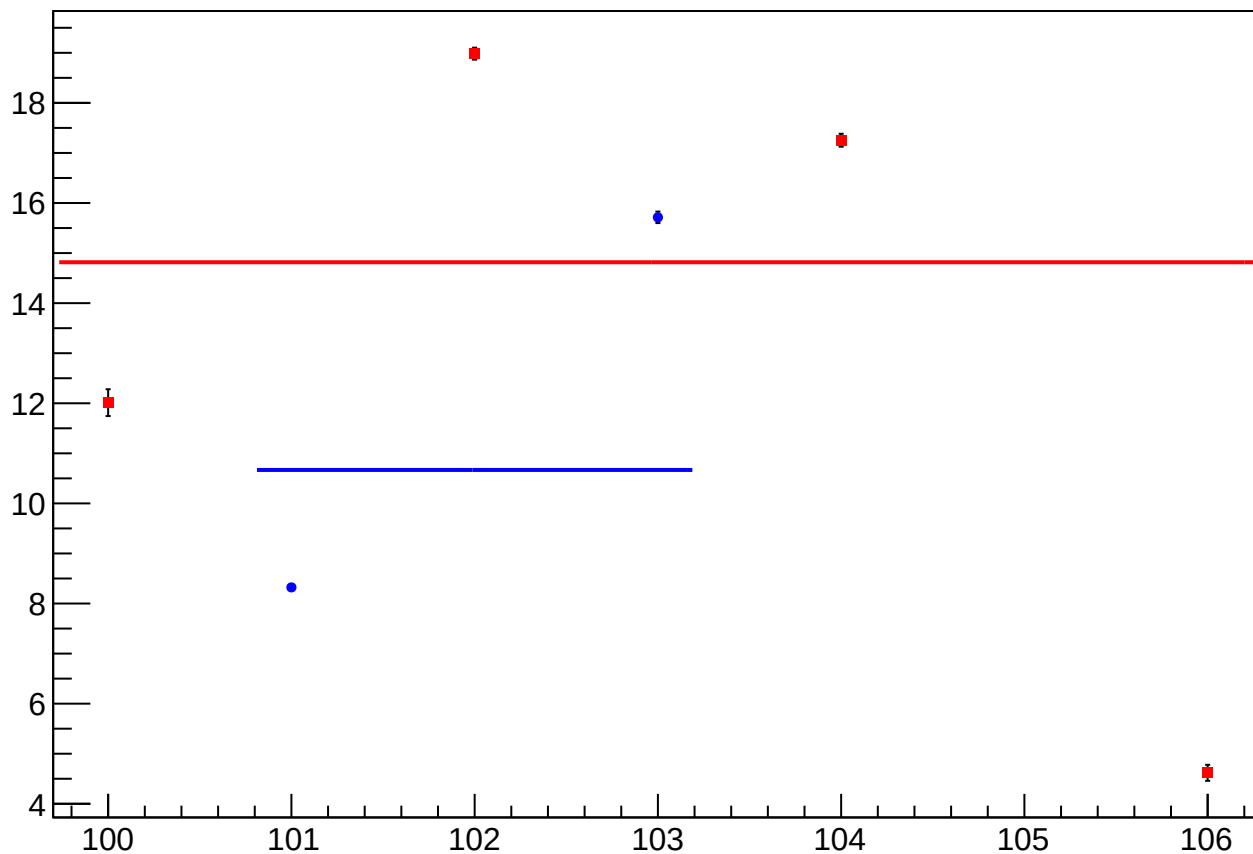
Right: -0.401 ± 0.054 χ^2/NDF : 350.1/5

In: -0.704 ± 0.072 χ^2/NDF : 119.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.401 ± 0.054 χ^2/NDF : 350.1/5

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 10.668 $\pm$ 0.065 χ^2 /NDF: 2843.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.817 $\pm$ 0.074 χ^2 /NDF: 5757.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

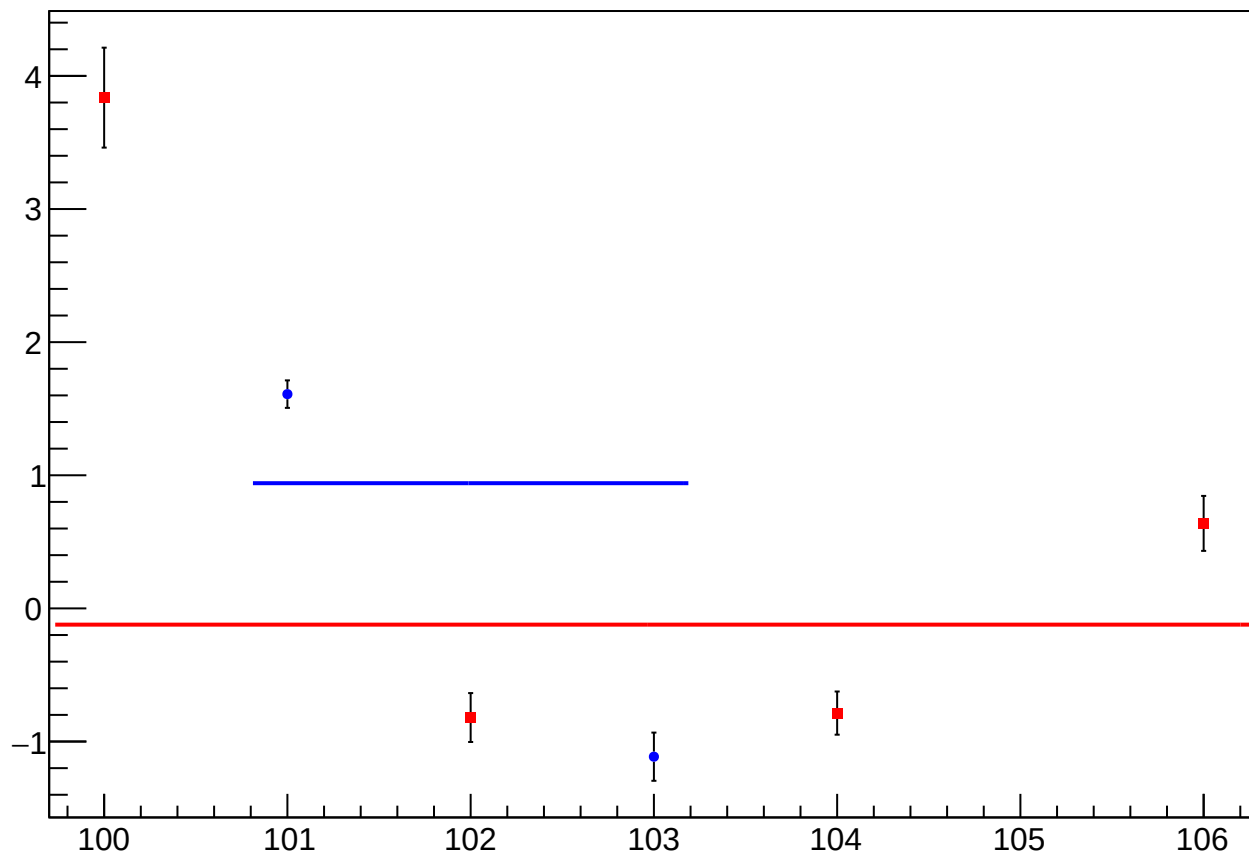
Right: 12.464 $\pm$ 0.049 χ^2 /NDF: 10391.1/5

In: 10.668 $\pm$ 0.065 χ^2 /NDF:2843.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.464 $\pm$ 0.049 χ^2 /NDF: 10391.1/5

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.941+/-0.090 χ^2/NDF : 170.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.101 χ^2/NDF : 156.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

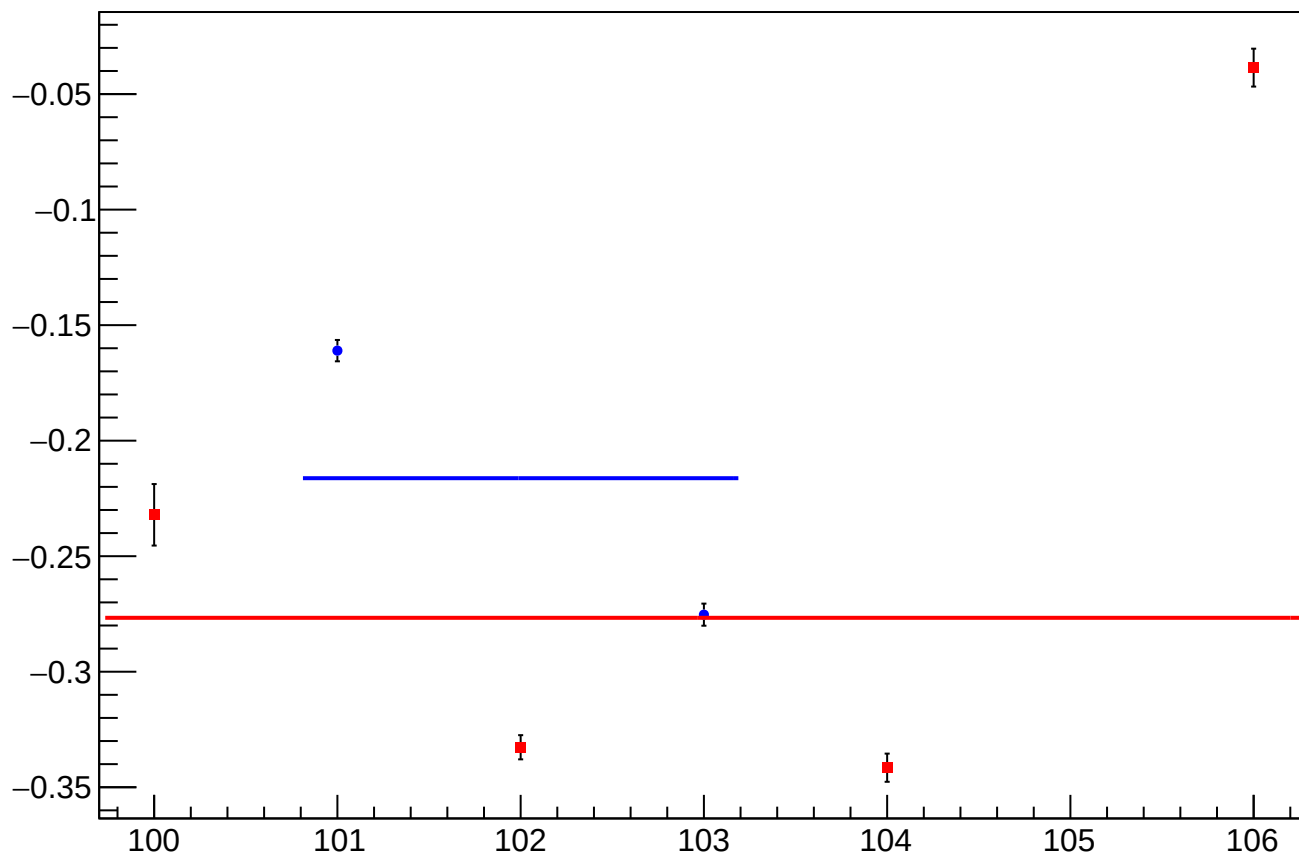
Right: 0.471+/-0.067 χ^2/NDF : 388.6/5

In: 0.941+/-0.090 χ^2/NDF : 170.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.471+/-0.067 χ^2/NDF : 388.6/5

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.216 ± 0.003 $\chi^2/\text{NDF}: 295.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.277 ± 0.003 $\chi^2/\text{NDF}: 1081.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

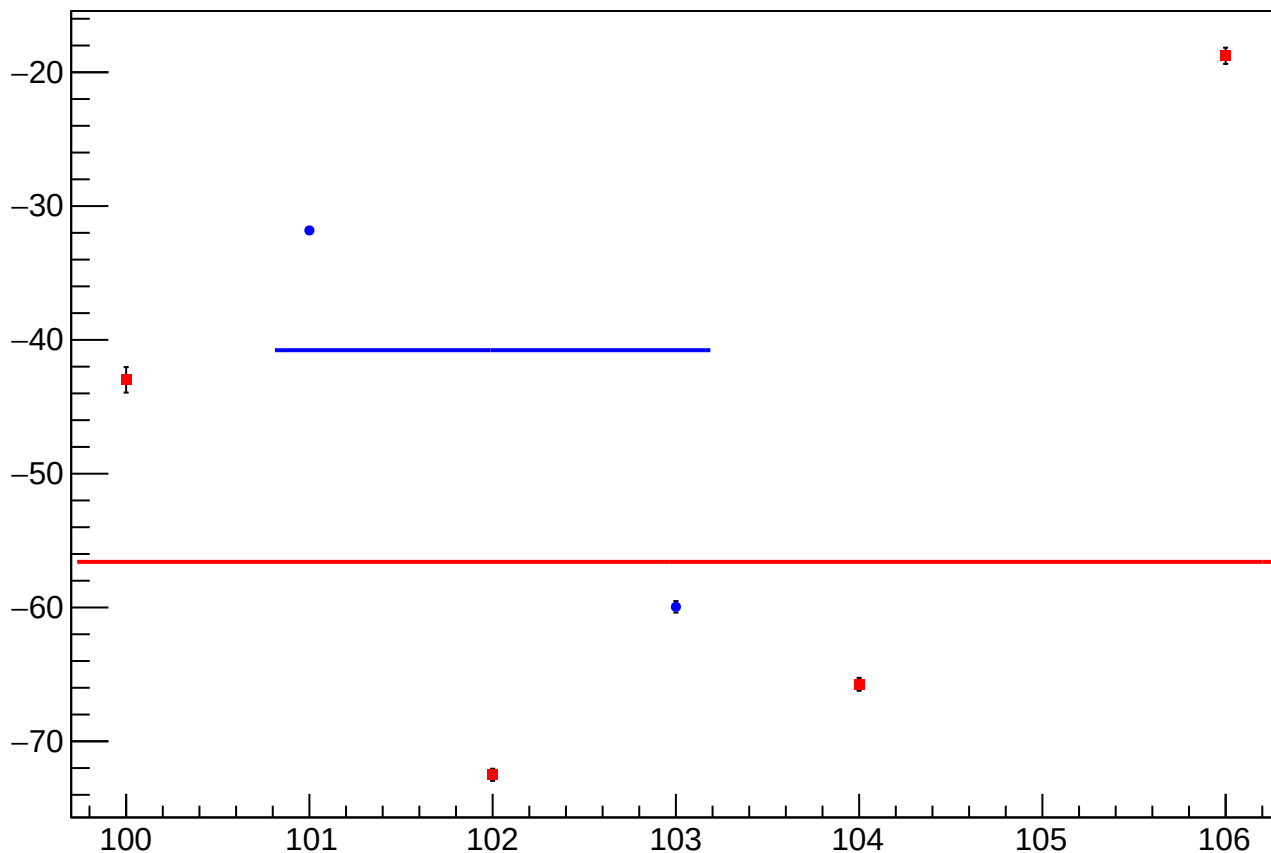
Right: -0.245 ± 0.002 $\chi^2/\text{NDF}: 1535.9/5$

In: -0.216 ± 0.003 $\chi^2/\text{NDF}: 295.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.245 ± 0.002 $\chi^2/\text{NDF}: 1535.9/5$

reg_asym_bcm_an_us_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.771 $\pm$ 0.243 χ^2 /NDF: 2907.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -56.590 $\pm$ 0.277 χ^2 /NDF: 5691.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

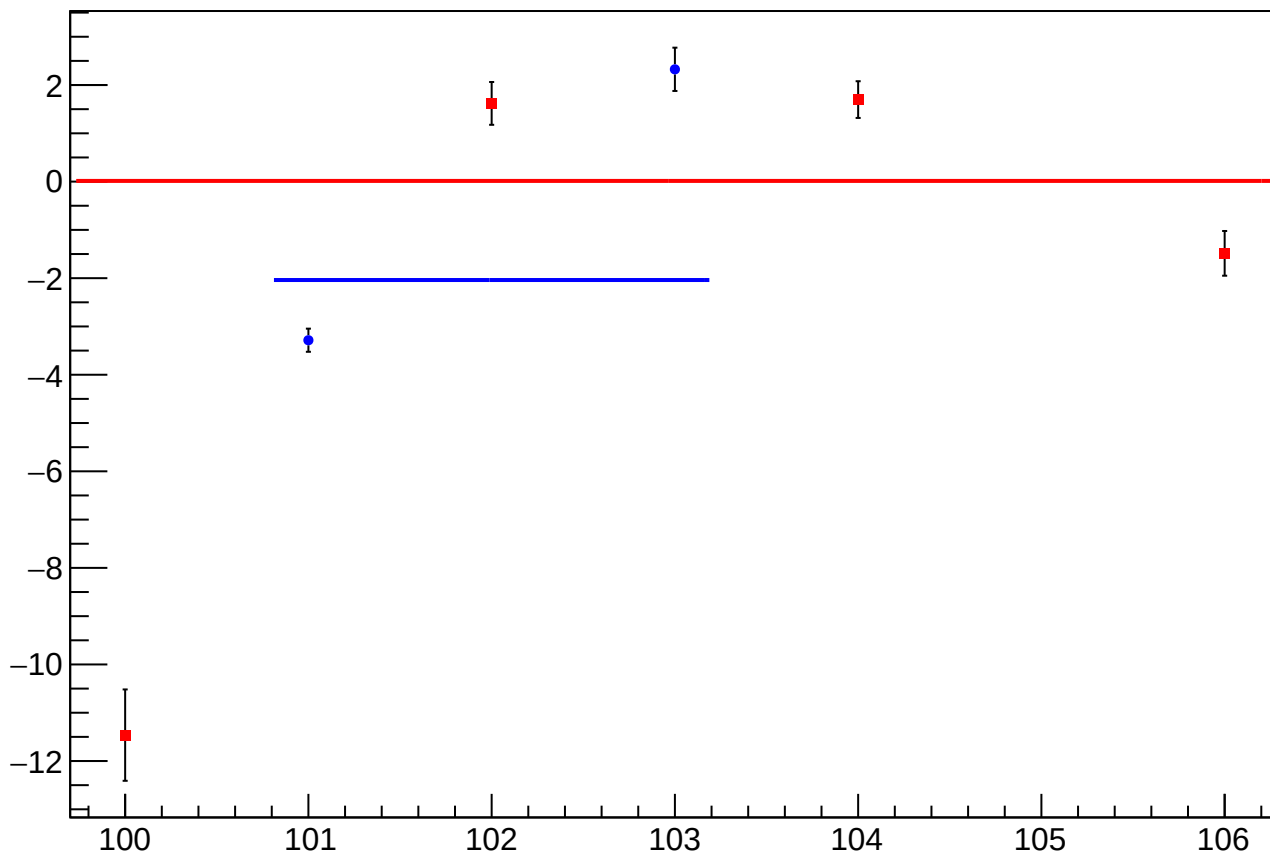
Right: -47.650 $\pm$ 0.183 χ^2 /NDF: 10441.0/5

In: -40.771 $\pm$ 0.243 χ^2 /NDF:2907.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -47.650 $\pm$ 0.183 χ^2 /NDF: 10441.0/5

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.038 $\pm$ 0.211 χ^2 /NDF: 121.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.237 χ^2 /NDF: 190.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

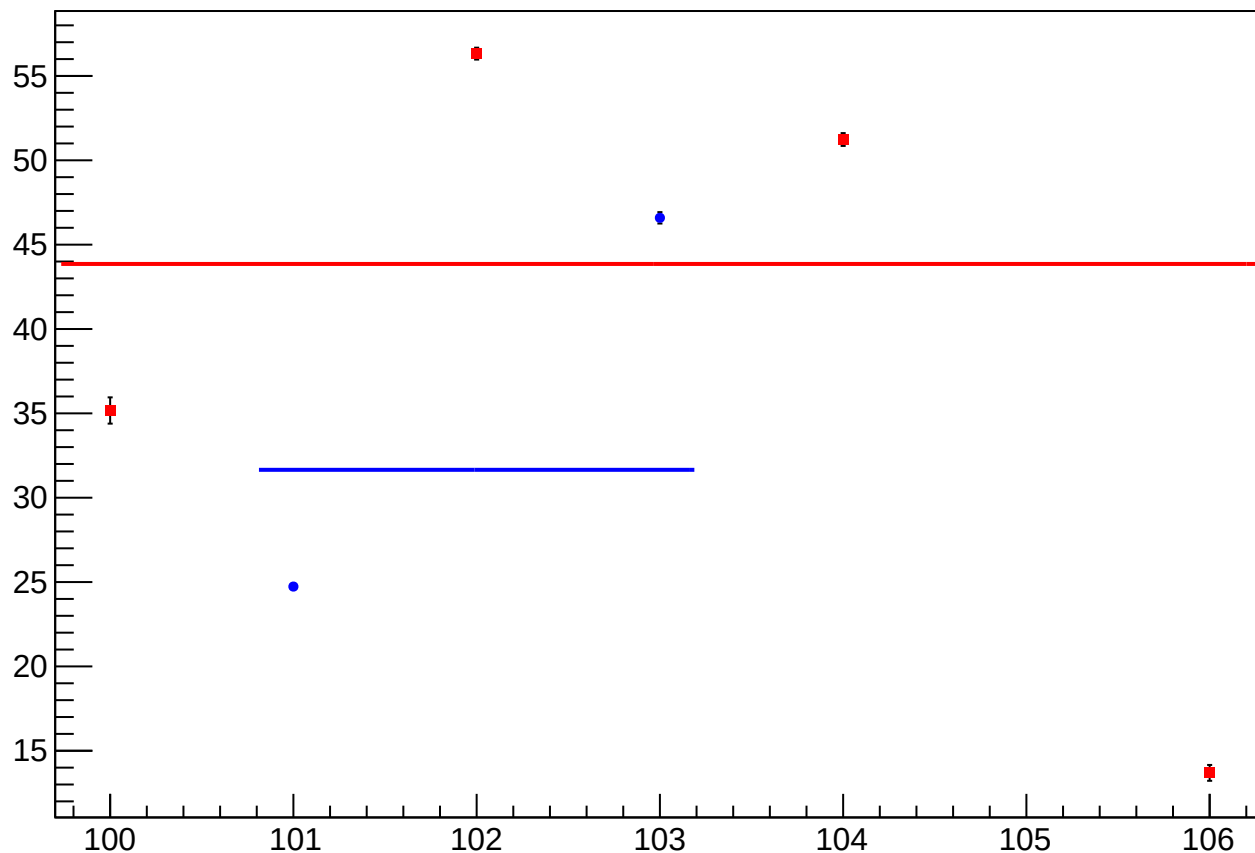
Right: -1.129 $\pm$ 0.158 χ^2 /NDF: 354.0/5

In: -2.038 $\pm$ 0.211 χ^2 /NDF:121.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.129 $\pm$ 0.158 χ^2 /NDF: 354.0/5

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.653+/-0.190 χ^2/NDF : 2855.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.856+/-0.218 χ^2/NDF : 5871.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

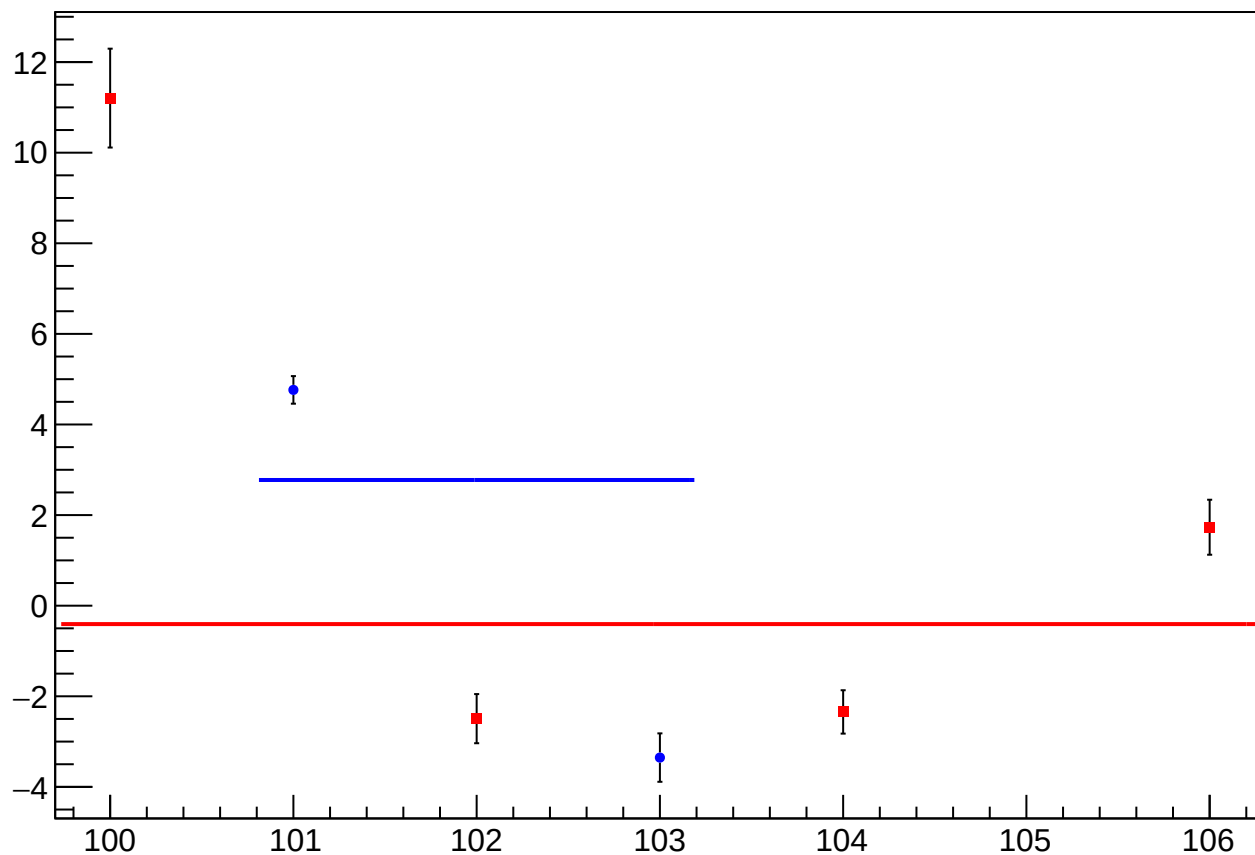
Right: 36.940+/-0.143 χ^2/NDF : 10509.4/5

In: 31.653+/-0.190 χ^2/NDF : 2855.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.940+/-0.143 χ^2/NDF : 10509.4/5

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.775+/-0.265 χ^2/NDF : 174.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.406+/-0.297 χ^2/NDF : 156.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

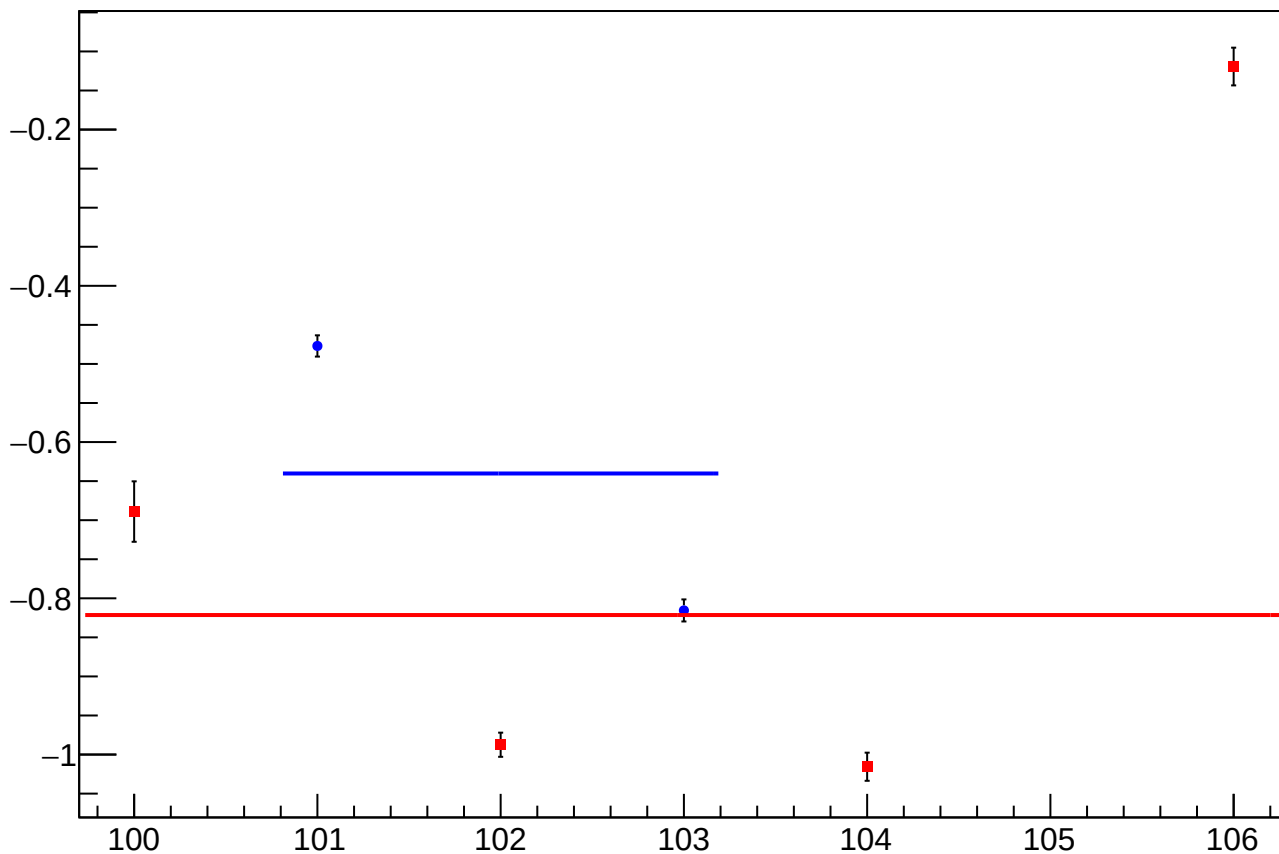
Right: 1.369+/-0.198 χ^2/NDF : 394.8/5

In: 2.775+/-0.265 χ^2/NDF : 174.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.369+/-0.198 χ^2/NDF : 394.8/5

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.640 ± 0.010 χ^2/NDF : 298.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.821 ± 0.010 χ^2/NDF : 1088.9/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

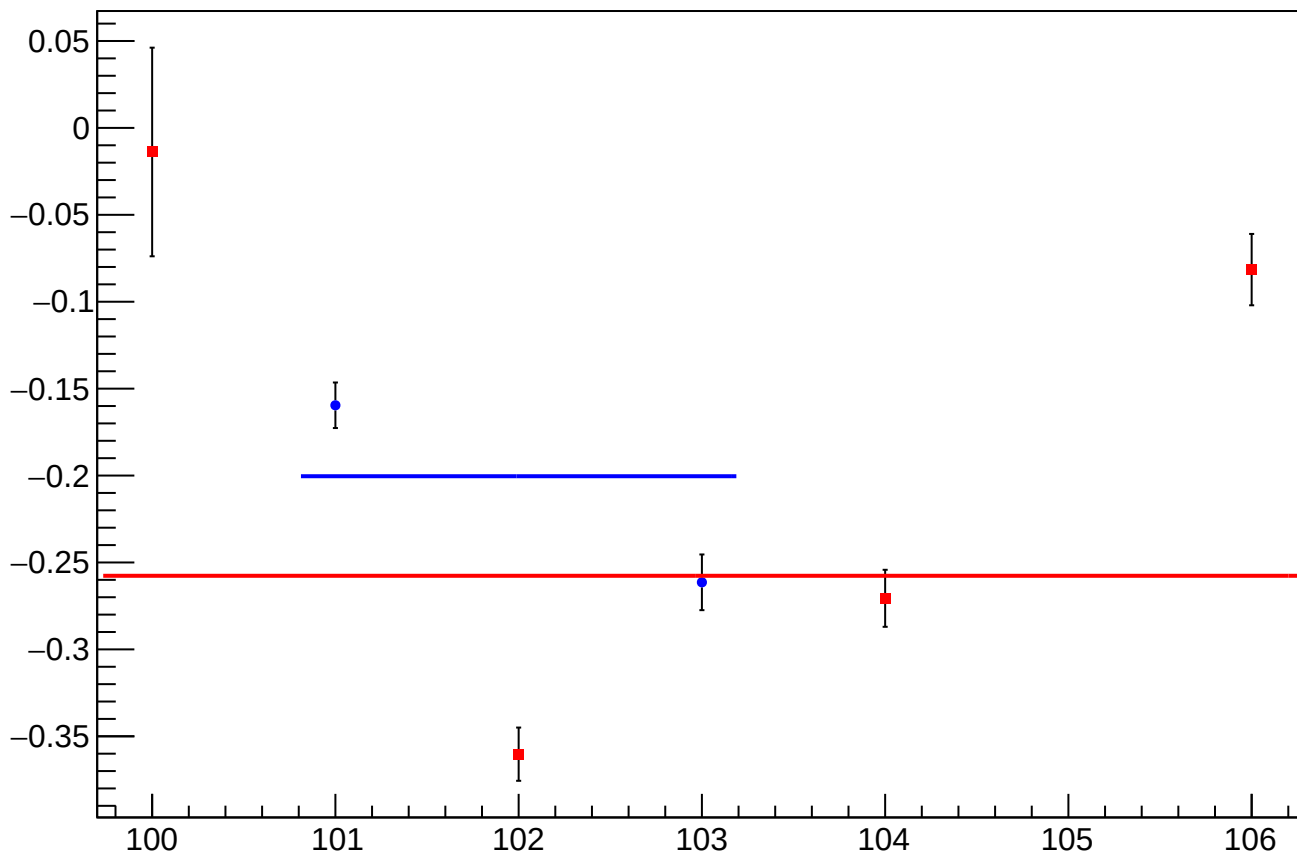
Right: -0.727 ± 0.007 χ^2/NDF : 1551.4/5

In: -0.640 ± 0.010 χ^2/NDF : 298.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.727 ± 0.007 χ^2/NDF : 1551.4/5

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.200 ± 0.010 χ^2/NDF : 24.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.258 ± 0.010 χ^2/NDF : 135.7/3

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

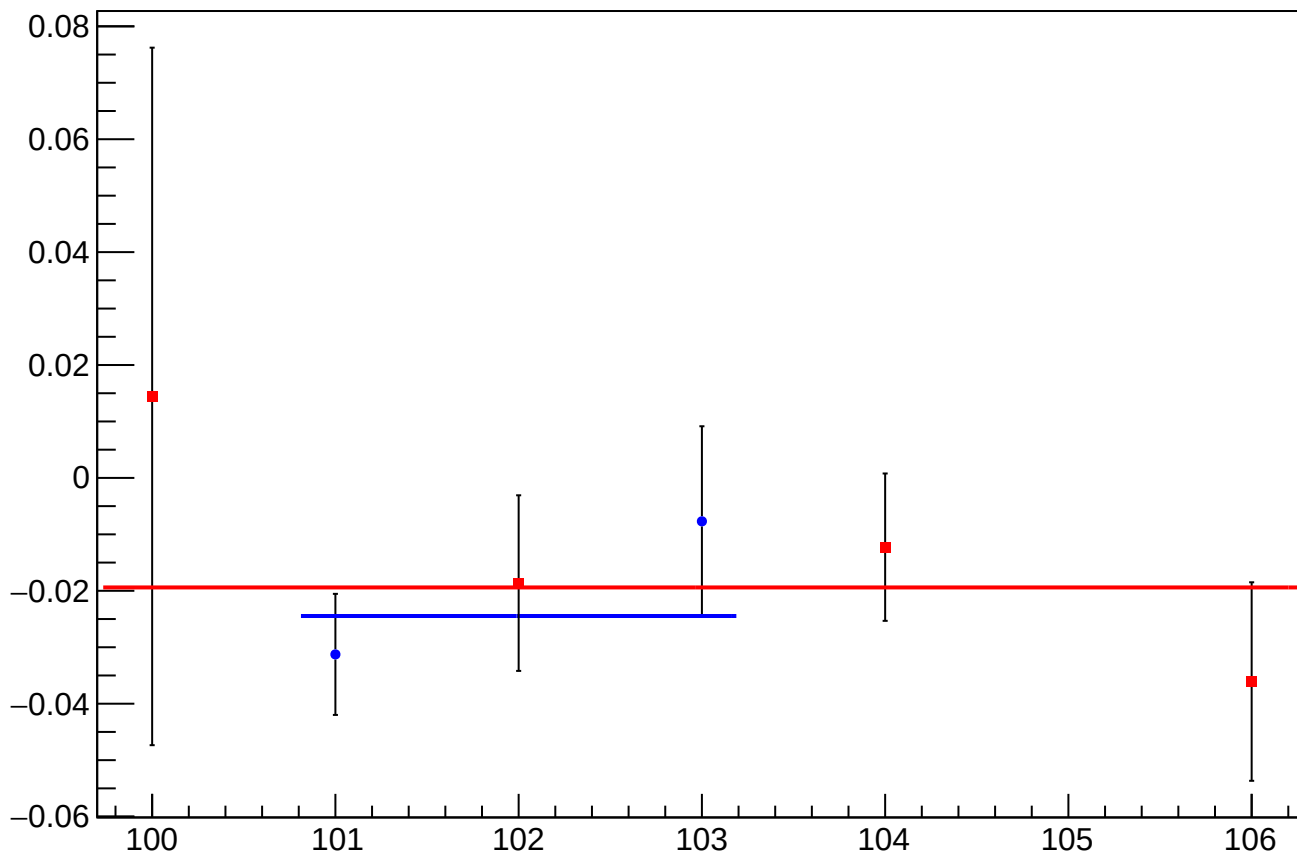
Right: -0.230 ± 0.007 χ^2/NDF : 176.6/5

In: -0.200 ± 0.010 χ^2/NDF : 24.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.230 ± 0.007 χ^2/NDF : 176.6/5

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.009 χ^2 /NDF: 1.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.009 χ^2 /NDF: 1.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

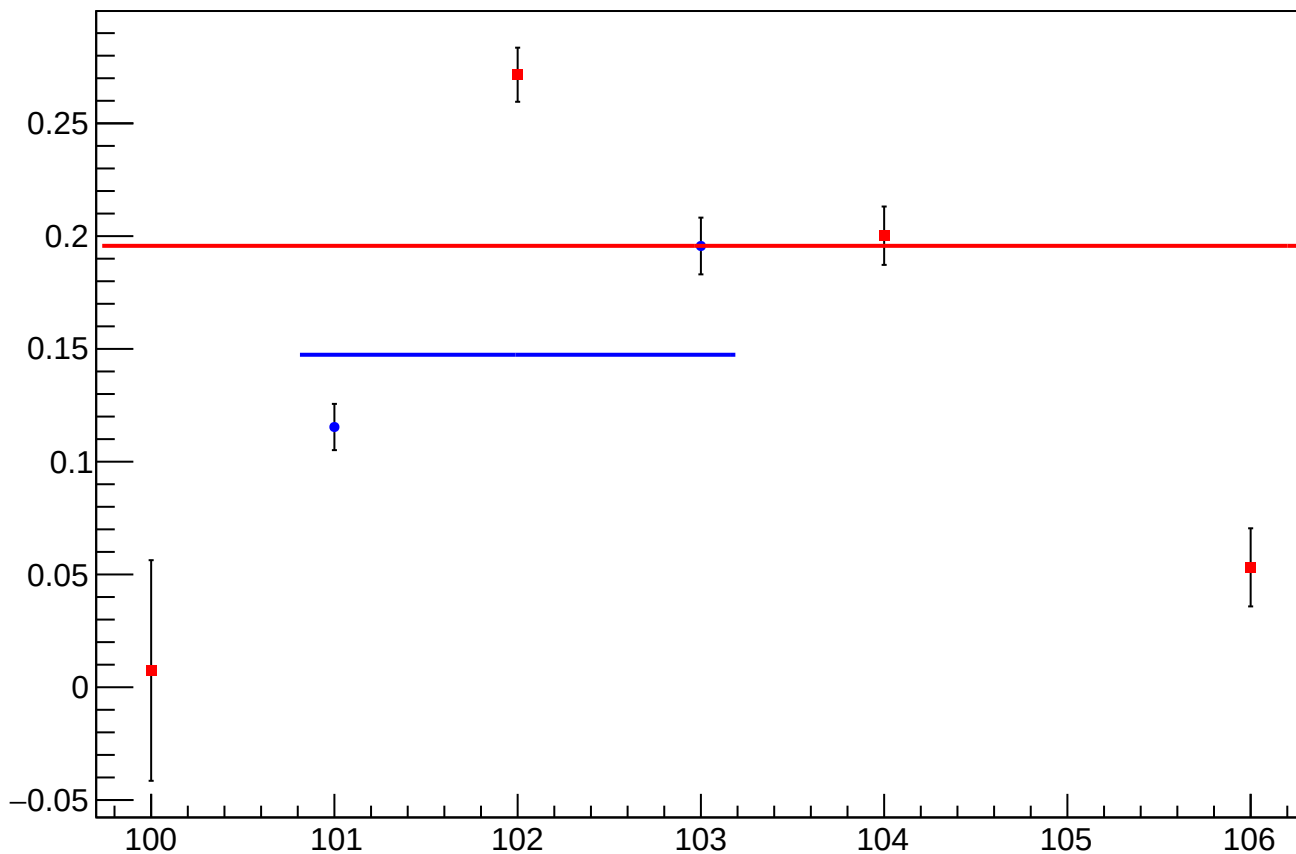
Right: -0.022 $\pm$ 0.006 χ^2 /NDF: 3.1/5

In: -0.024 $\pm$ 0.009 χ^2 /NDF:1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.006 χ^2 /NDF: 3.1/5

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.147 $\pm$ 0.008 χ^2 /NDF: 24.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.196 $\pm$ 0.008 χ^2 /NDF: 122.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

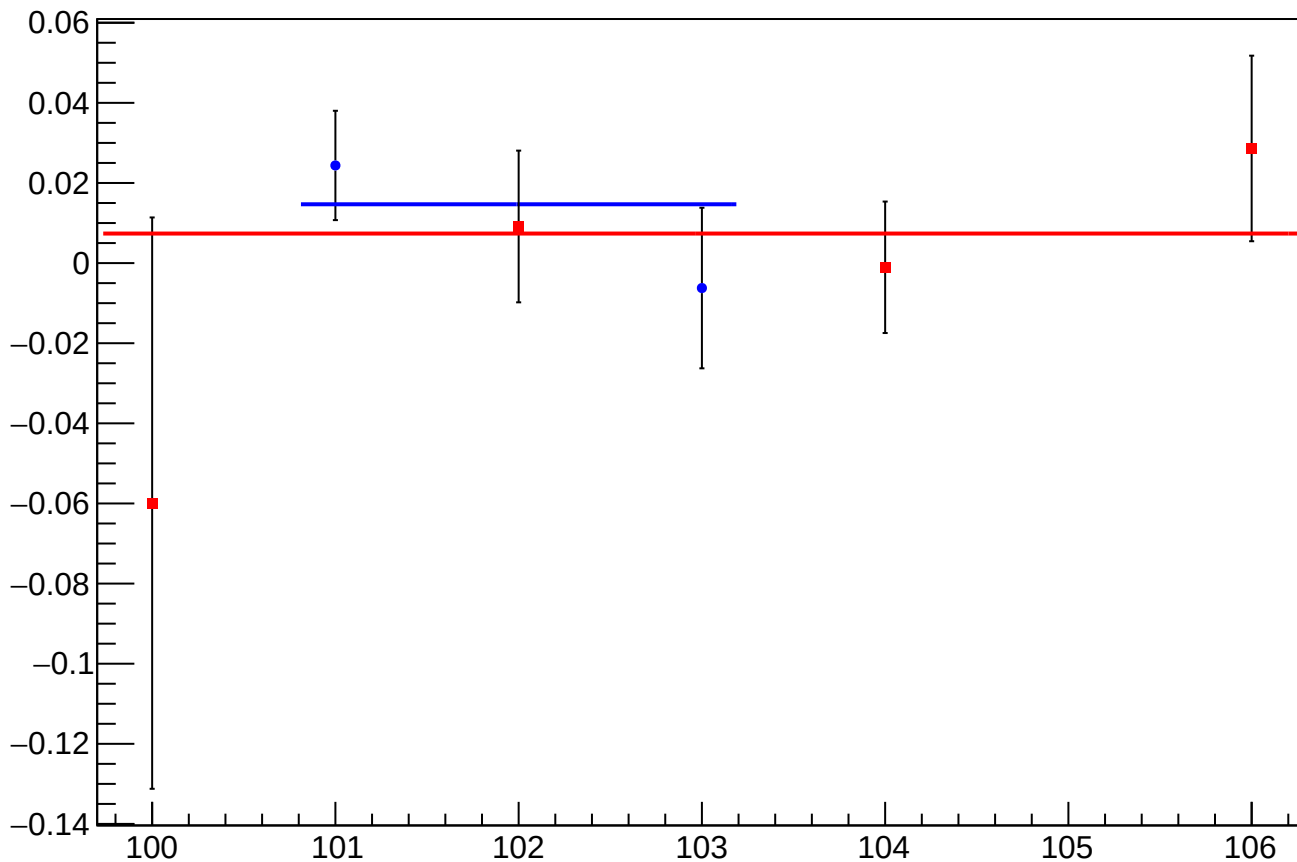
Right: 0.172 $\pm$ 0.006 χ^2 /NDF: 166.1/5

In: 0.147 $\pm$ 0.008 χ^2 /NDF:24.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.172 $\pm$ 0.006 χ^2 /NDF: 166.1/5

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.011 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.011 χ^2 /NDF: 2.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

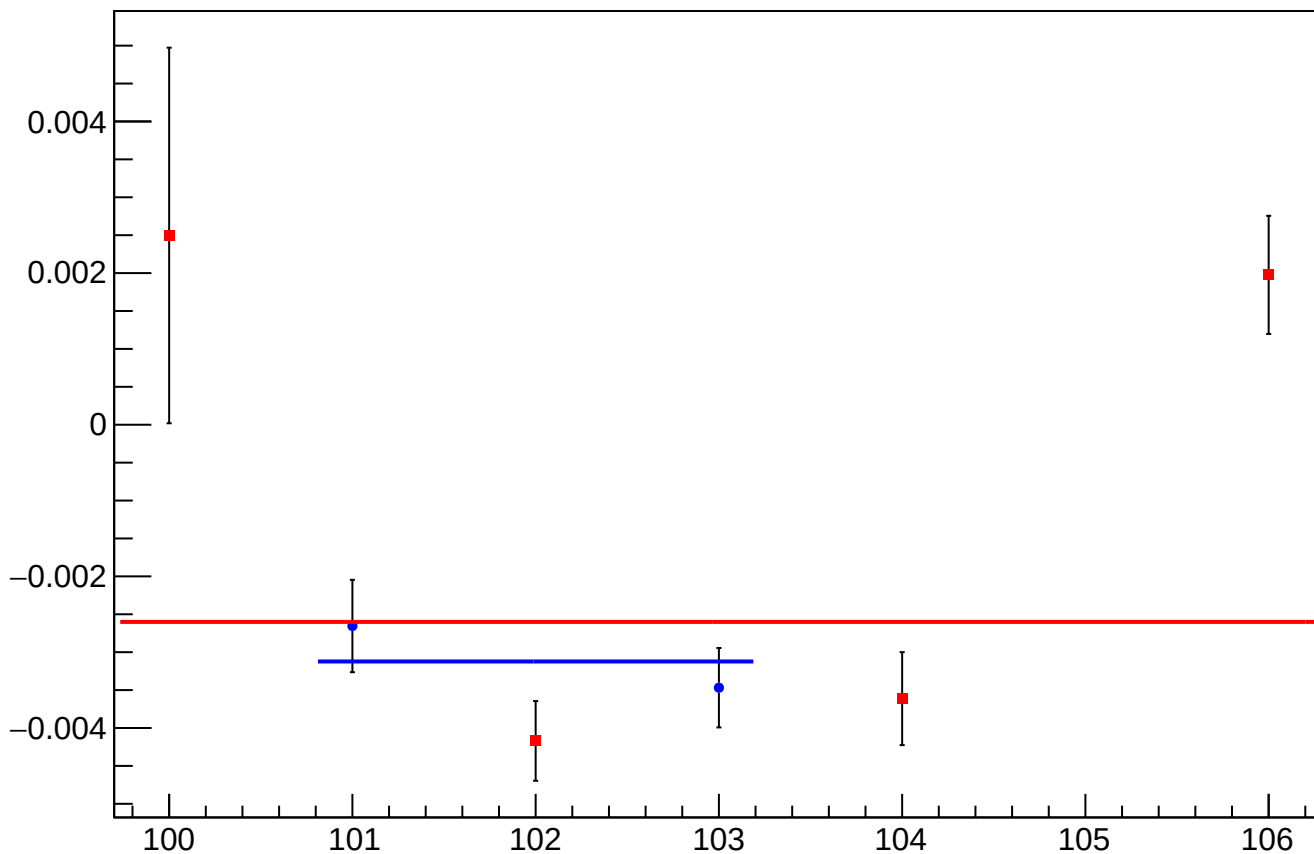
Right: 0.011 $\pm$ 0.008 χ^2 /NDF: 3.8/5

In: 0.015 $\pm$ 0.011 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 3.8/5

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.003+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.000 χ^2/NDF : 50.4/3

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

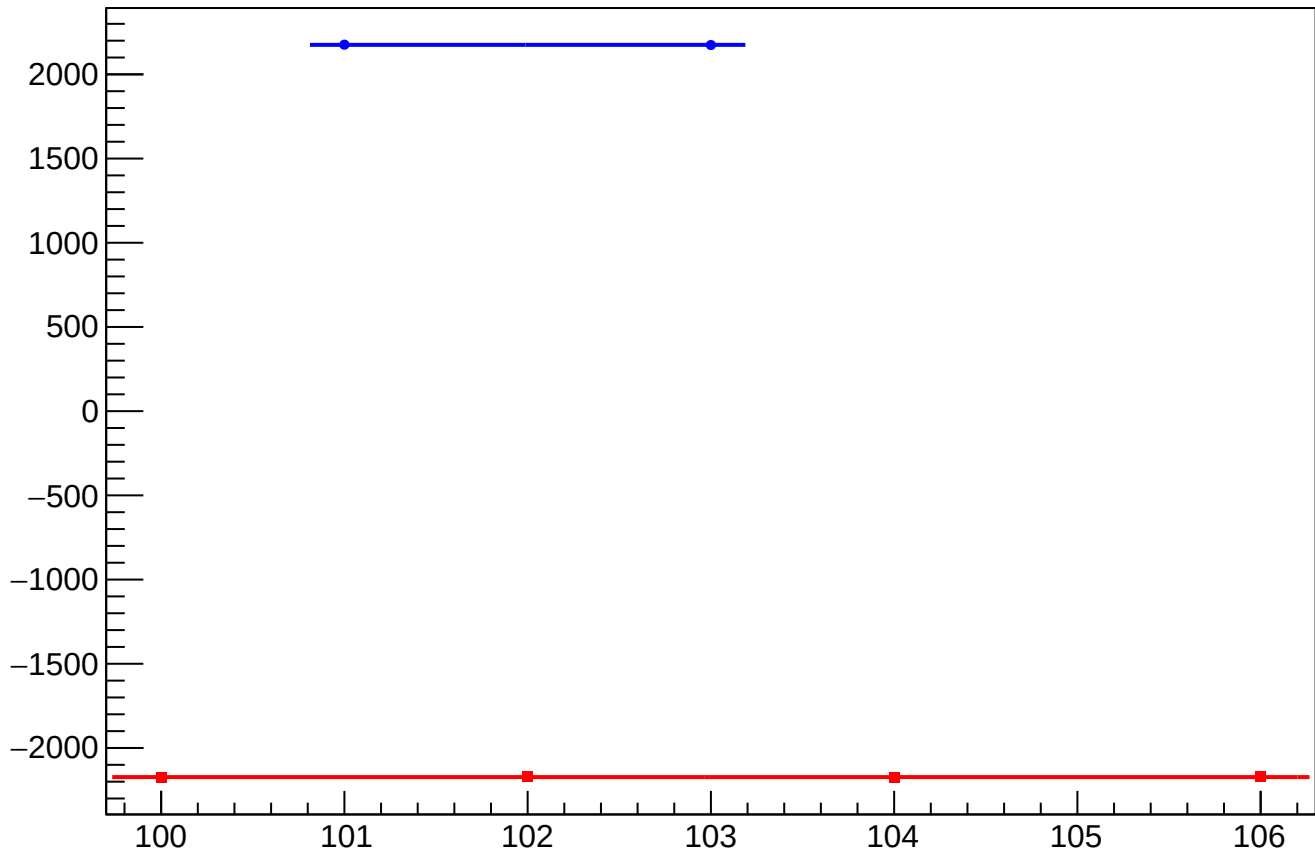
Right: -0.003+/-0.000 χ^2/NDF : 52.4/5

In: -0.003+/-0.000 χ^2/NDF :1.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

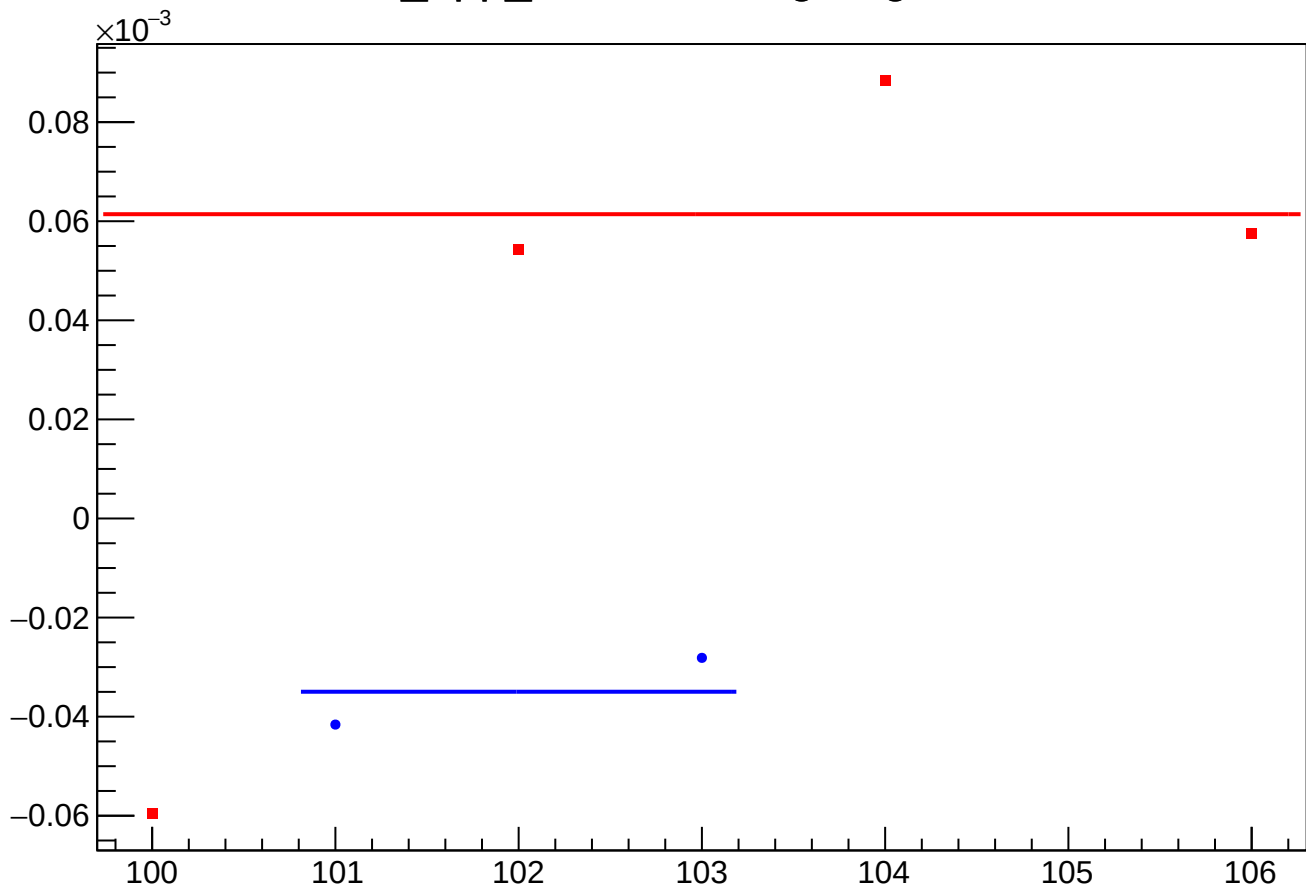
All: -0.003+/-0.000 χ^2/NDF : 52.4/5

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -253.715+/-0.000 χ^2/NDF : 13518335496292
In: 2175.215+/-0.000 χ^2/NDF : 151386479871731818792182052028416.0/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -253.715+/-0.000 χ^2/NDF : 13518335496292

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 5801312445942100656128.0/1

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 81578553972710147

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 145633573906421890678784.0/3

In: -0.000+/-0.000

χ^2/NDF : 580131244594210065

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

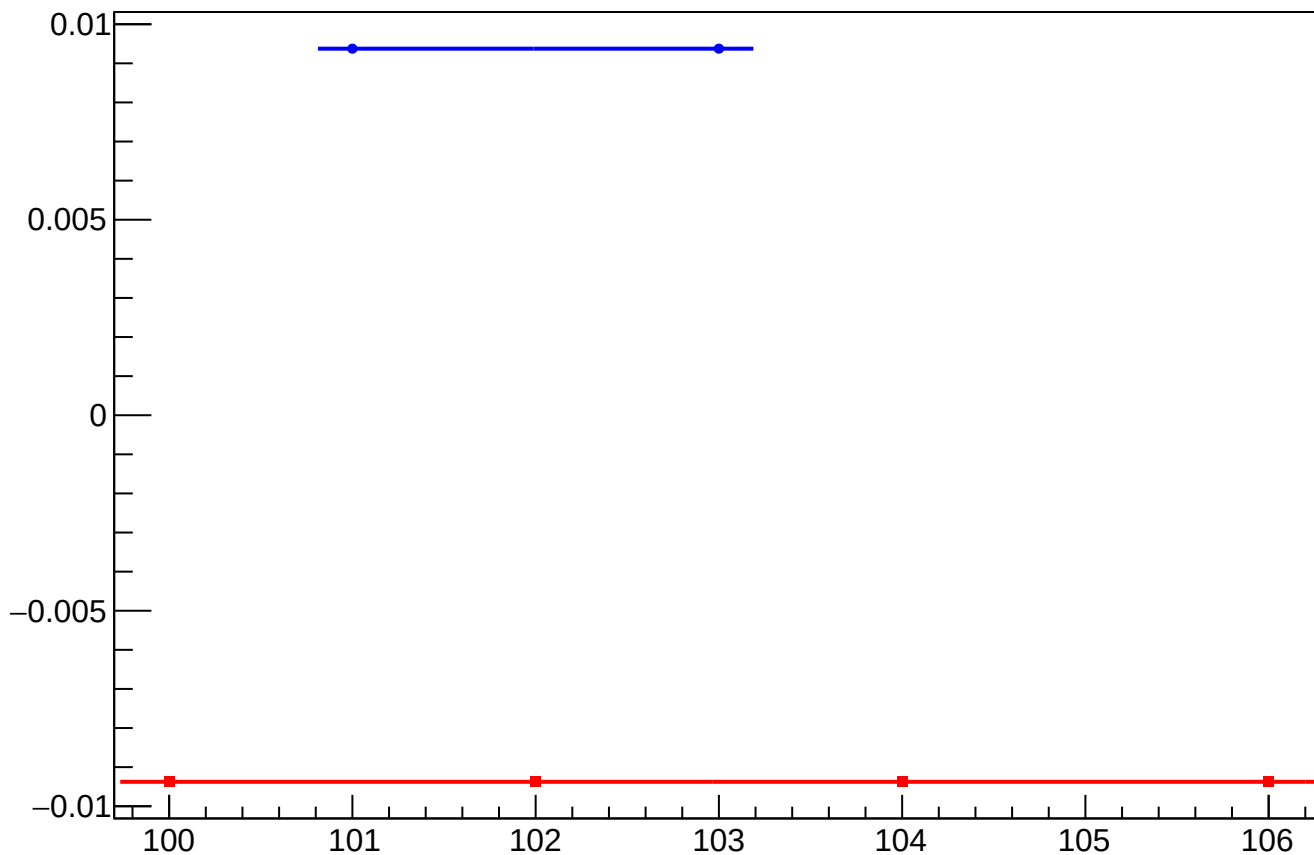
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 81578553972710

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

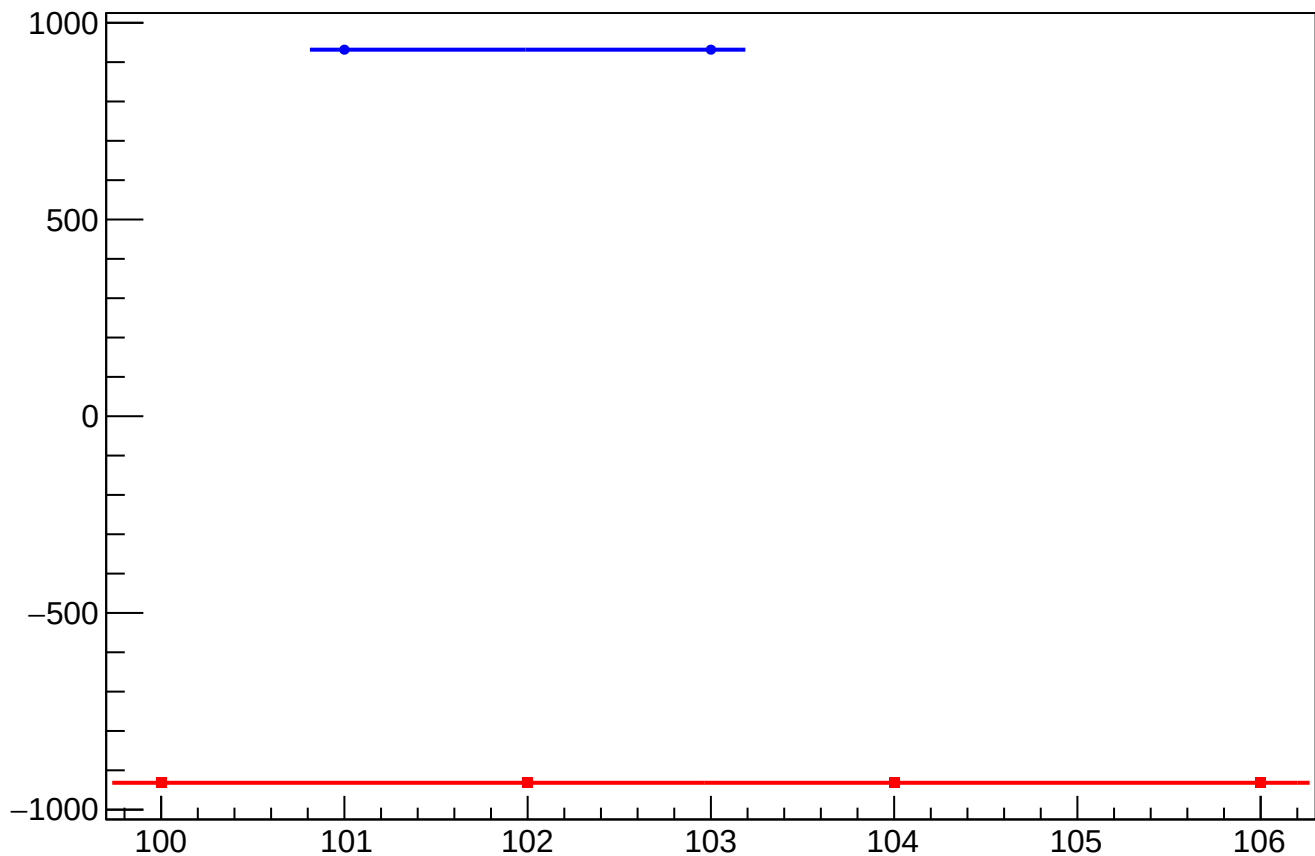
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 2513793103448274

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

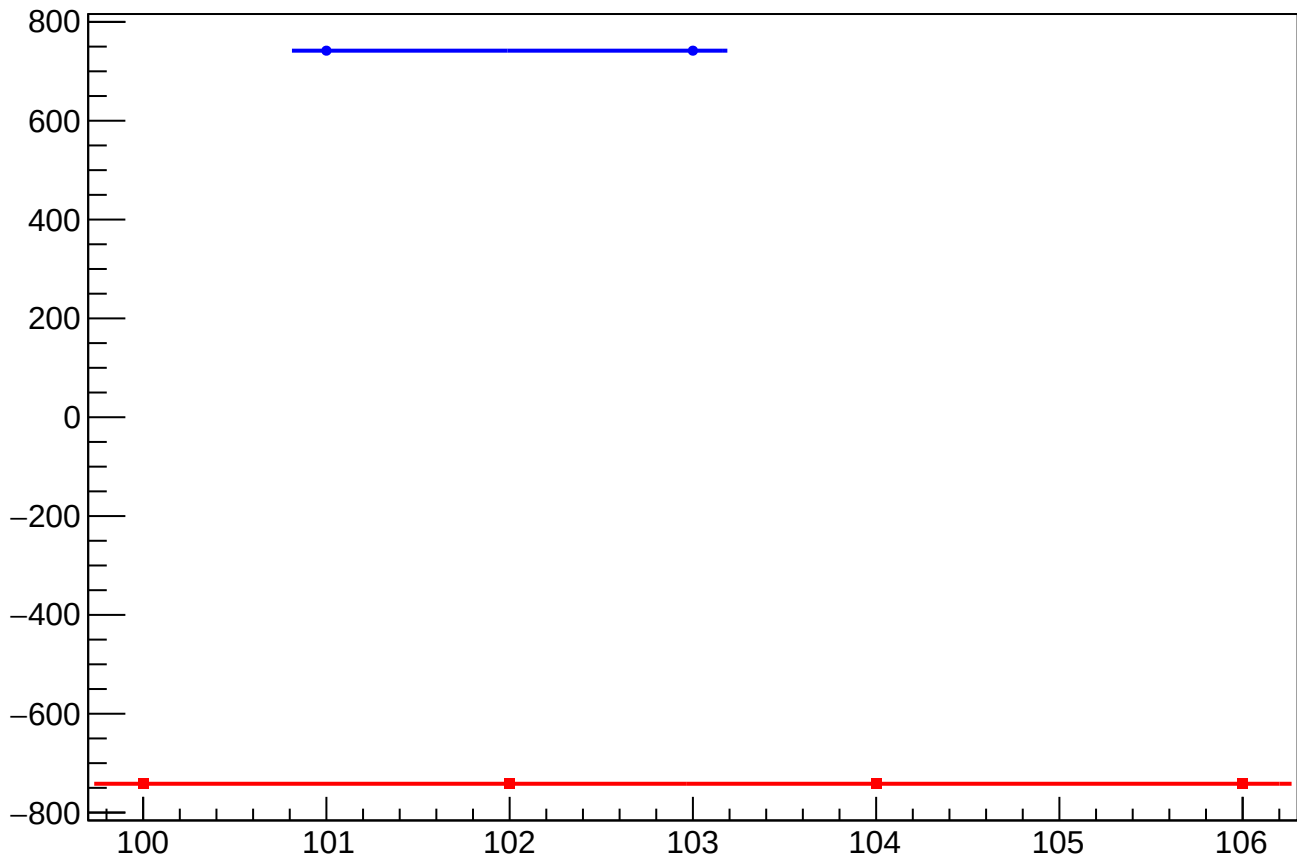
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 2513793103448

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



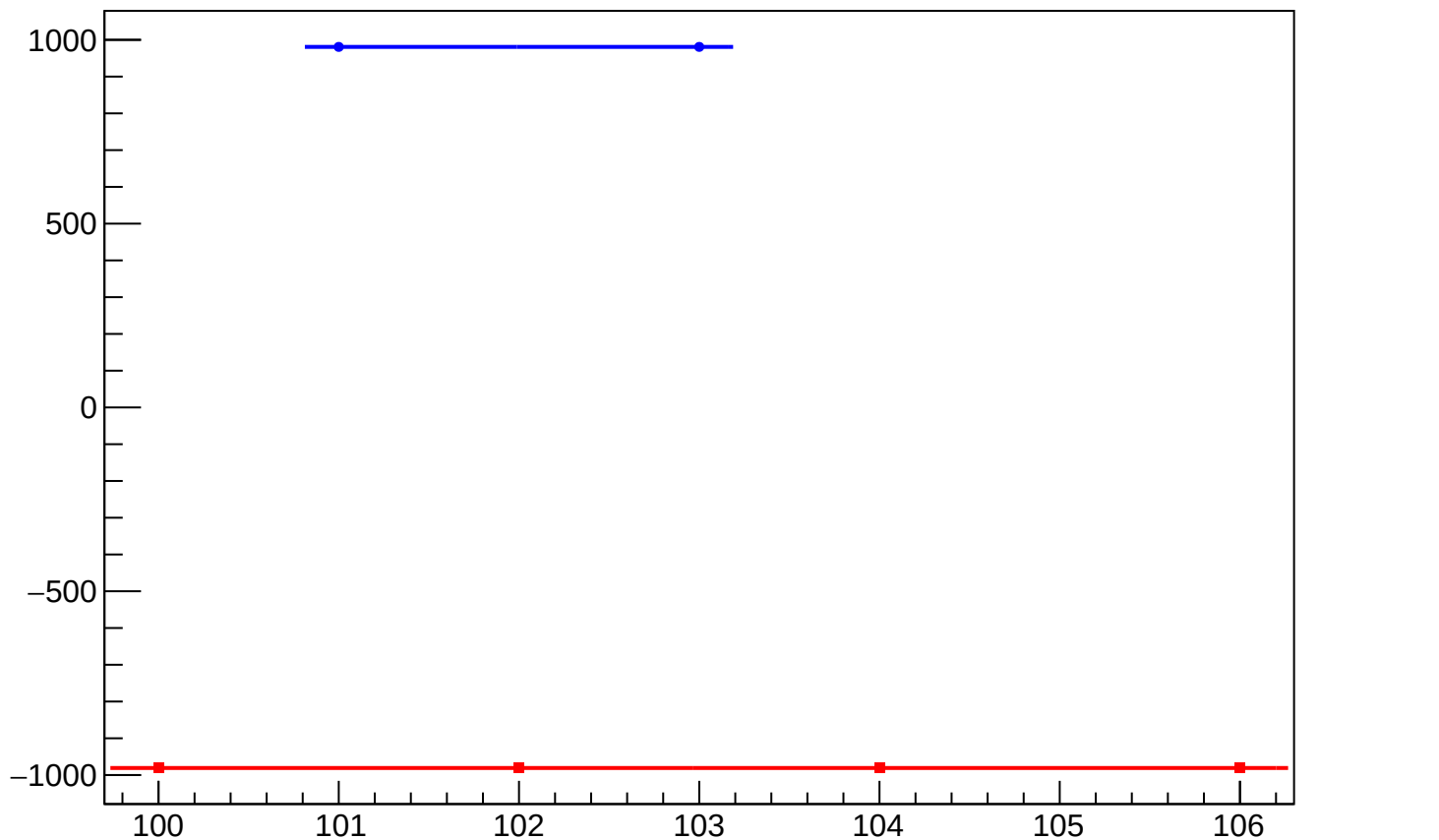
Right In: 931.682+/-0.000 χ^2/NDF : 11424886512742229379219718144.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.693+/-0.000 χ^2/NDF : 92118070313569264250610778112.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -109.237+/-0.000 χ^2/NDF : 24827188629069

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



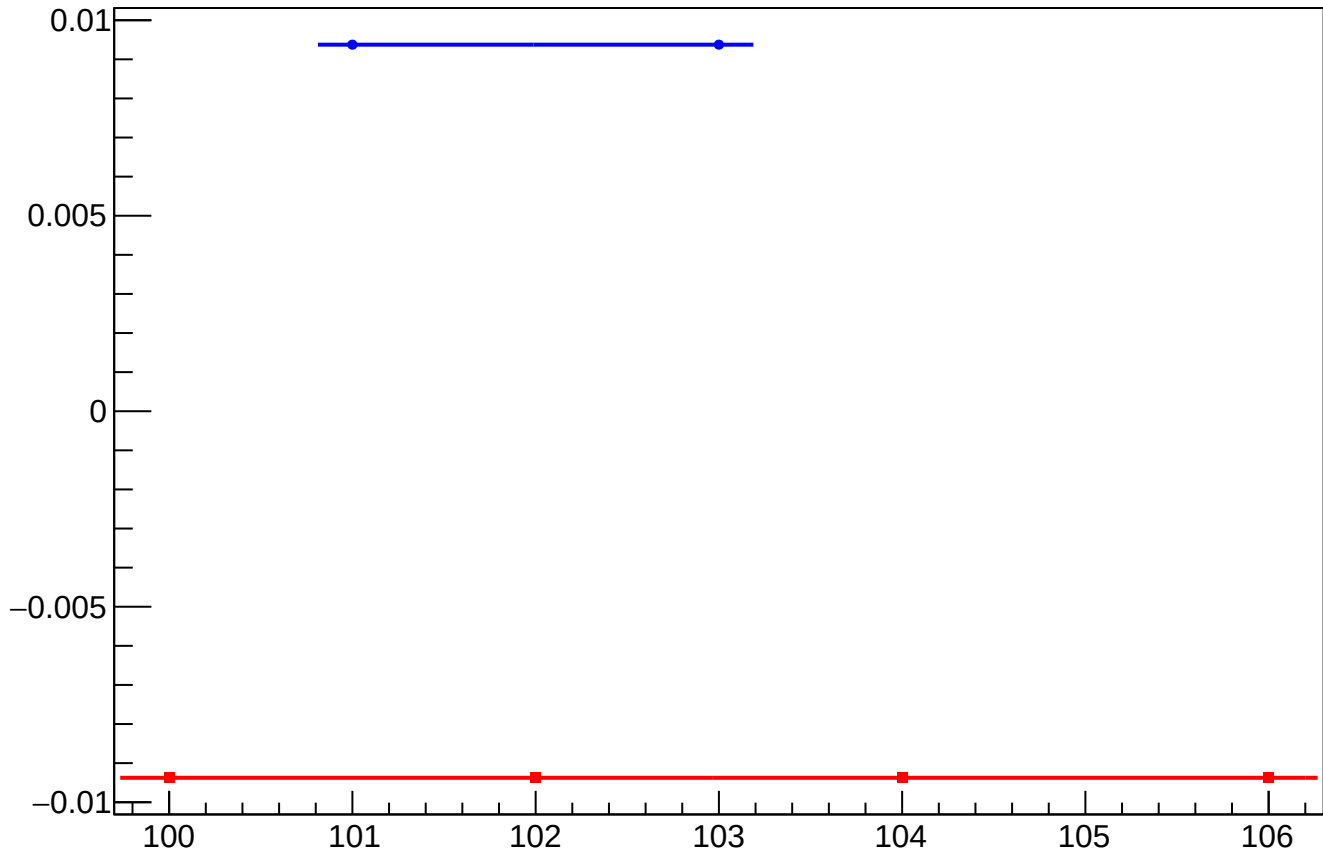
Right In: 741.772 $\pm$ 0.000 χ^2 /NDF: 685997903312158054431064064.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -741.718 $\pm$ 0.000 χ^2 /NDF: 1174124710556778951895007887360.0/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -86.936 $\pm$ 0.000 χ^2 /NDF: 157360602746074.0/1

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.814+/-0.000 χ^2/NDF : 9514784077195109143435804672.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.806+/-0.000 χ^2/NDF : 118962644497555022930025381888.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -114.988+/-0.000 χ^2/NDF : 27514208196636

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

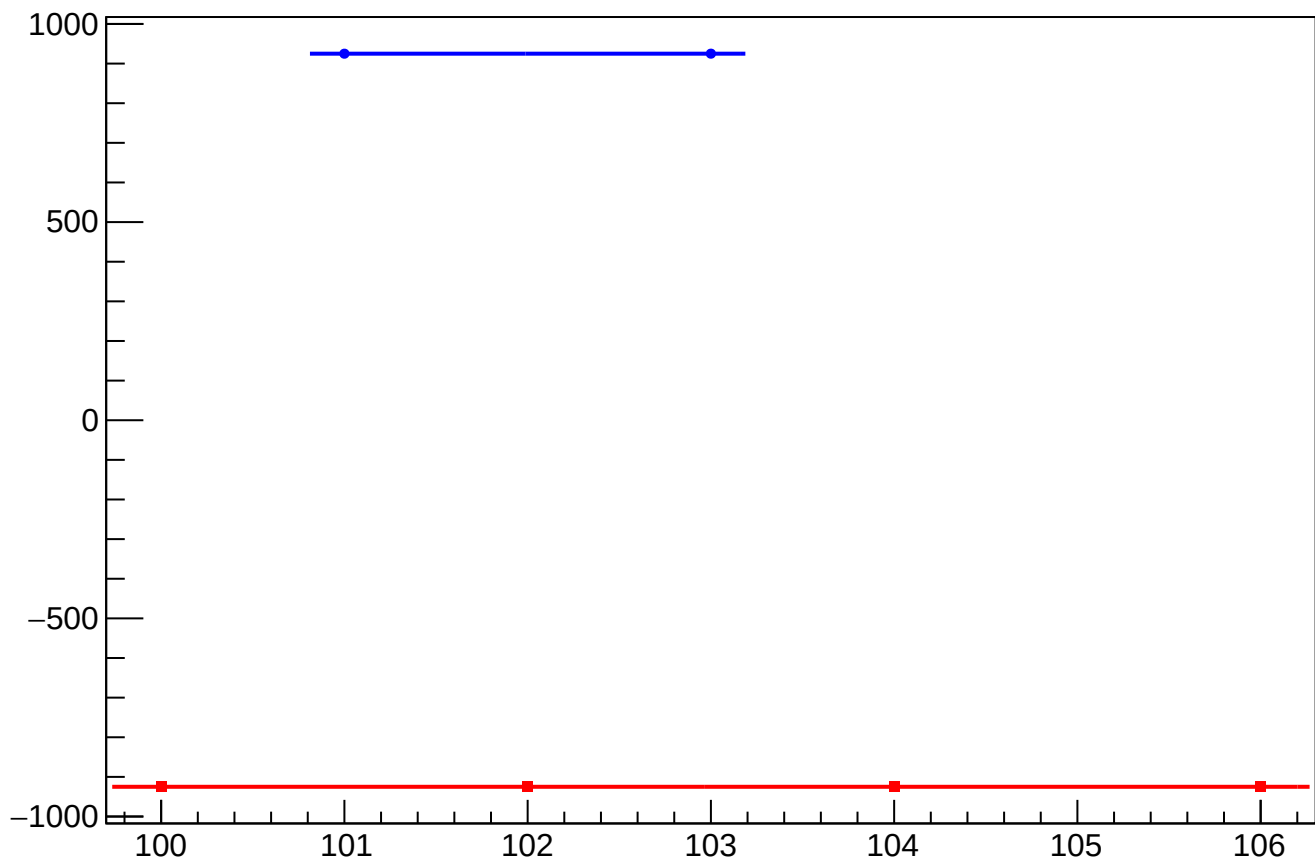
Right: -0.001+/-0.000 χ^2/NDF : 2513793103448274

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

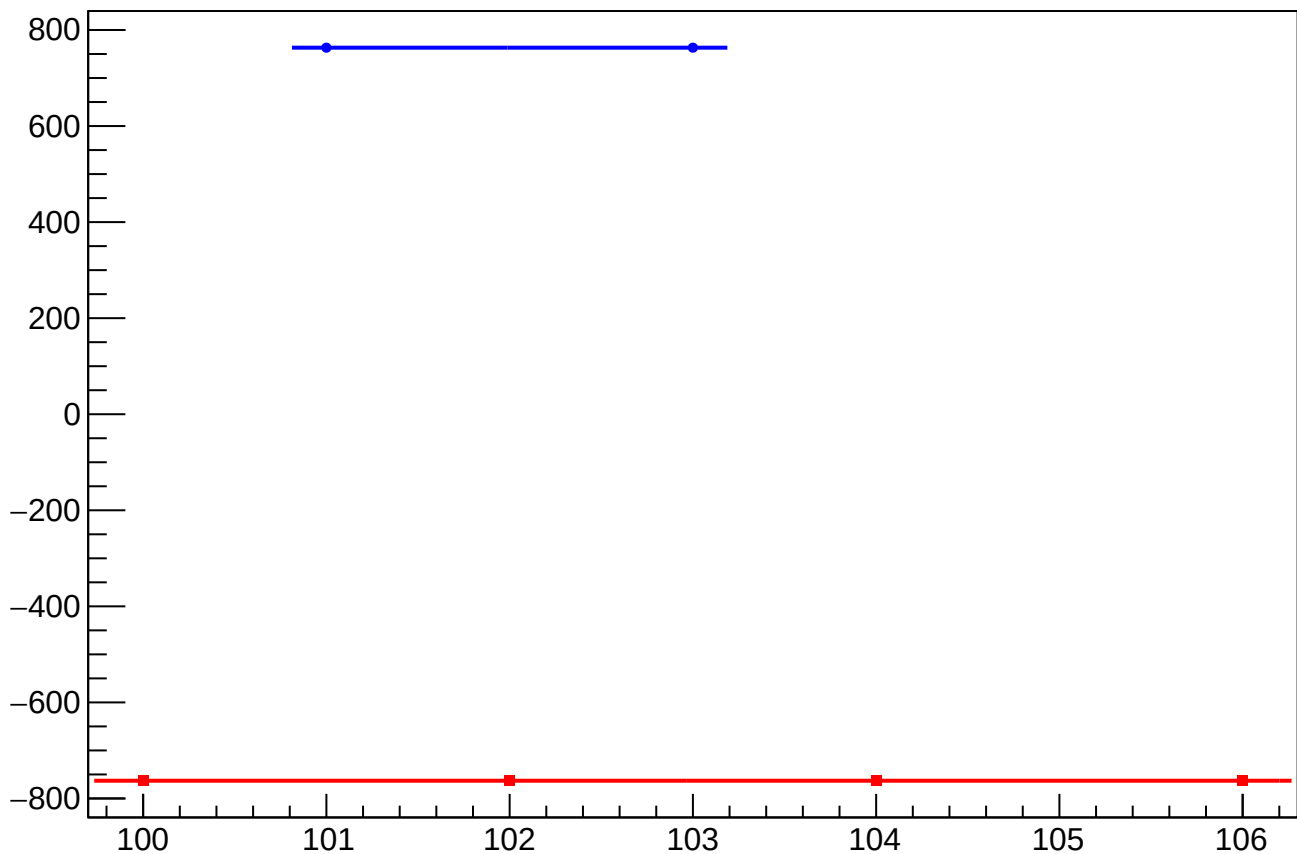
All: -0.001+/-0.000 χ^2/NDF : 2513793103448

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



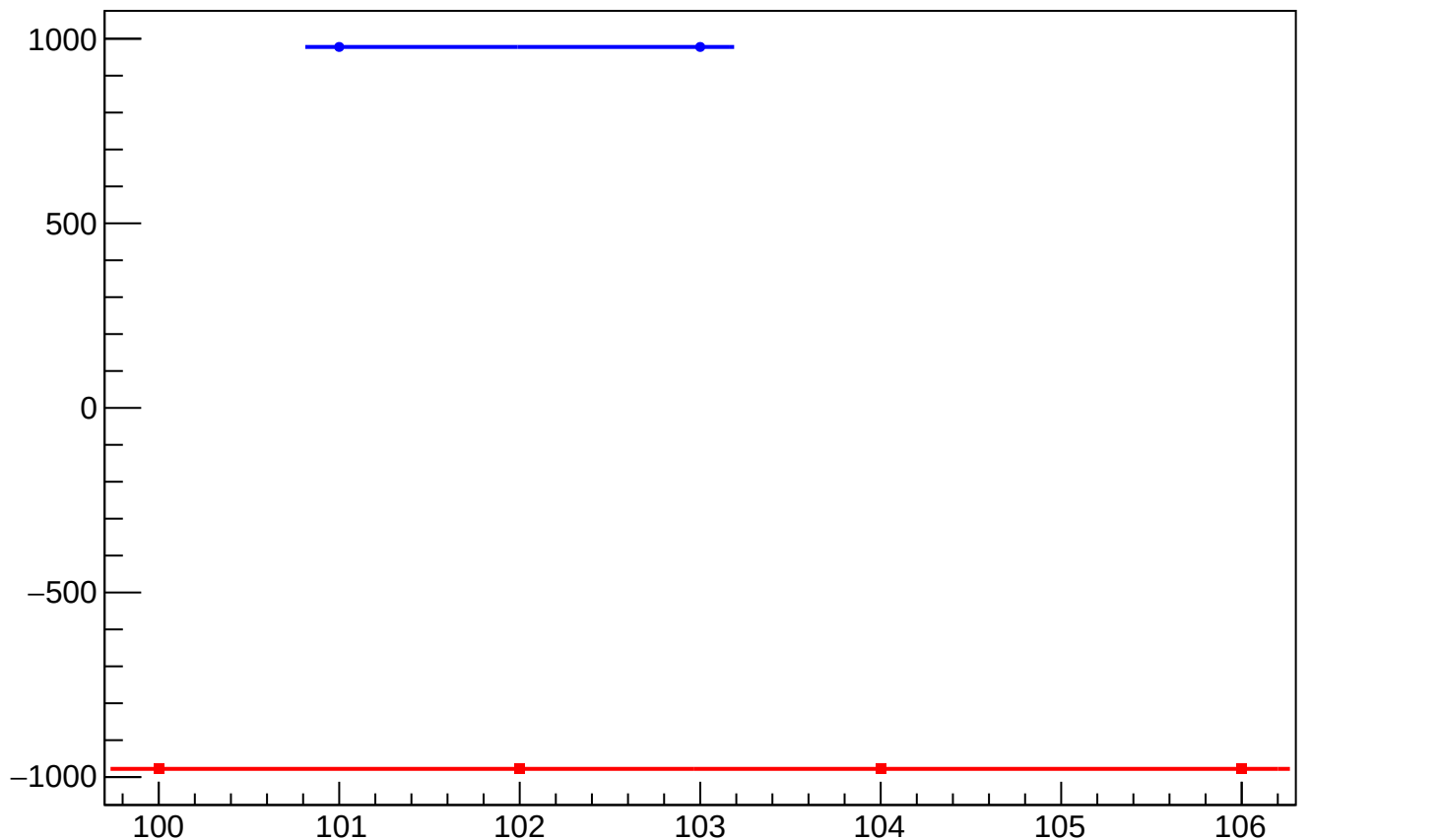
Right In: 924.988+/-0.000 χ^2/NDF : 64553518450560448875877892096.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.986+/-0.000 χ^2/NDF : 55381507702518650340563222528.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -108.446+/-0.000 χ^2/NDF : 24471367602201.0/4

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



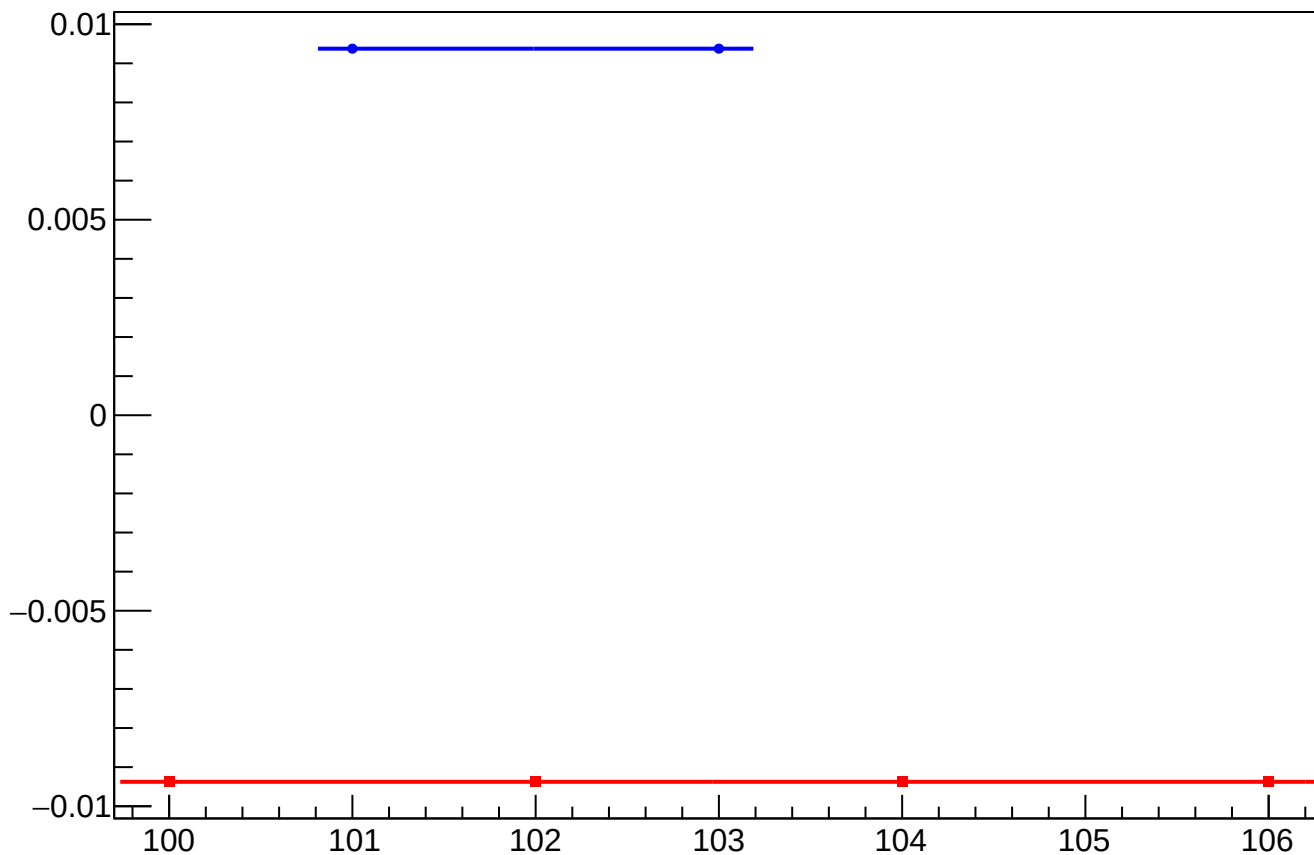
Right In: 763.187+/-0.000 χ^2/NDF : 3703440259585865301192867840.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -763.060+/-0.000 χ^2/NDF : 12958032301821797163067496202240.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -89.406+/-0.000 χ^2/NDF : 166562238459890.0/1

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.748+/-0.000 χ^2/NDF : 11043369418043507583962054656.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.742+/-0.000 χ^2/NDF : 61048070599849247899186626560.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -114.629+/-0.000 χ^2/NDF : 27342512244660.0/1

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

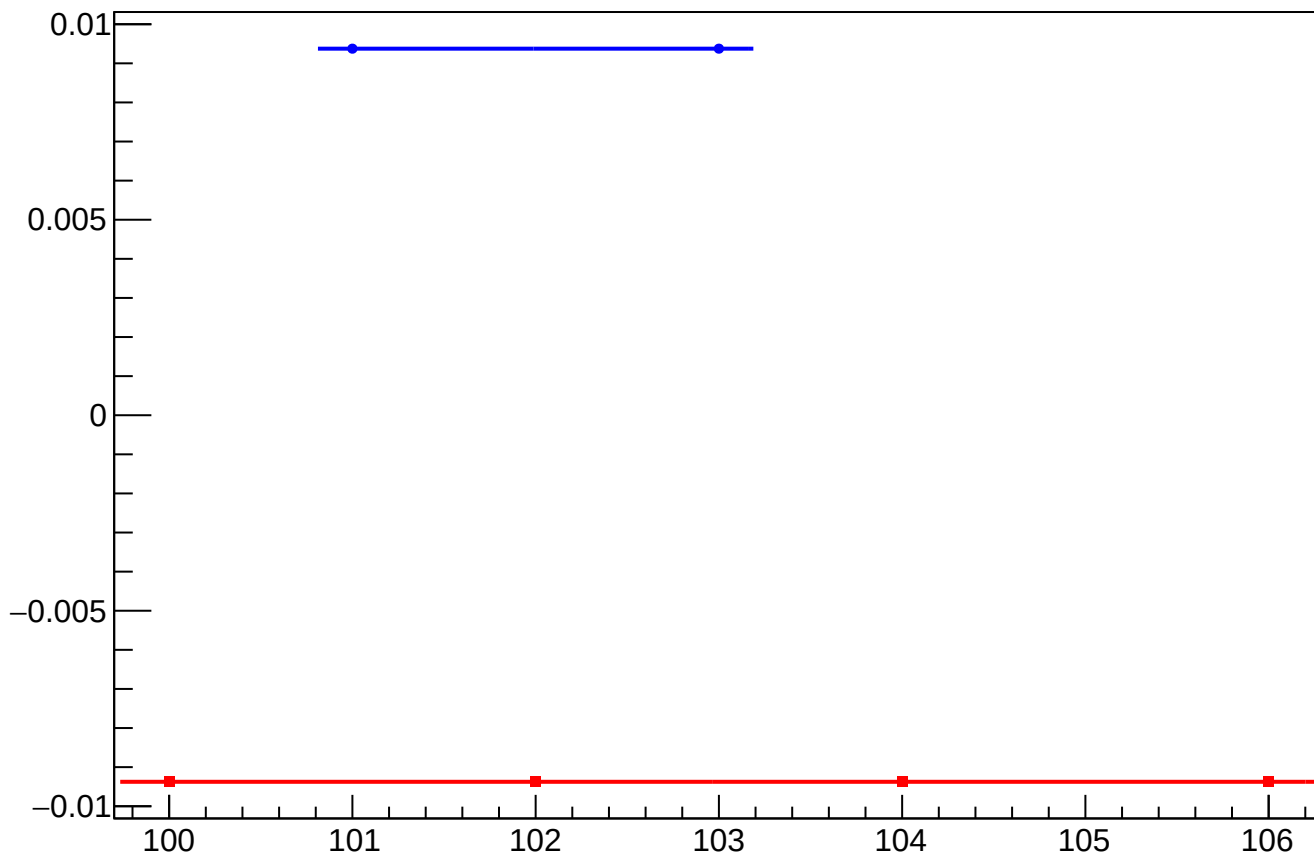
Right: -0.001+/-0.000 χ^2/NDF : 2513793103448274

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 2513793103448

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

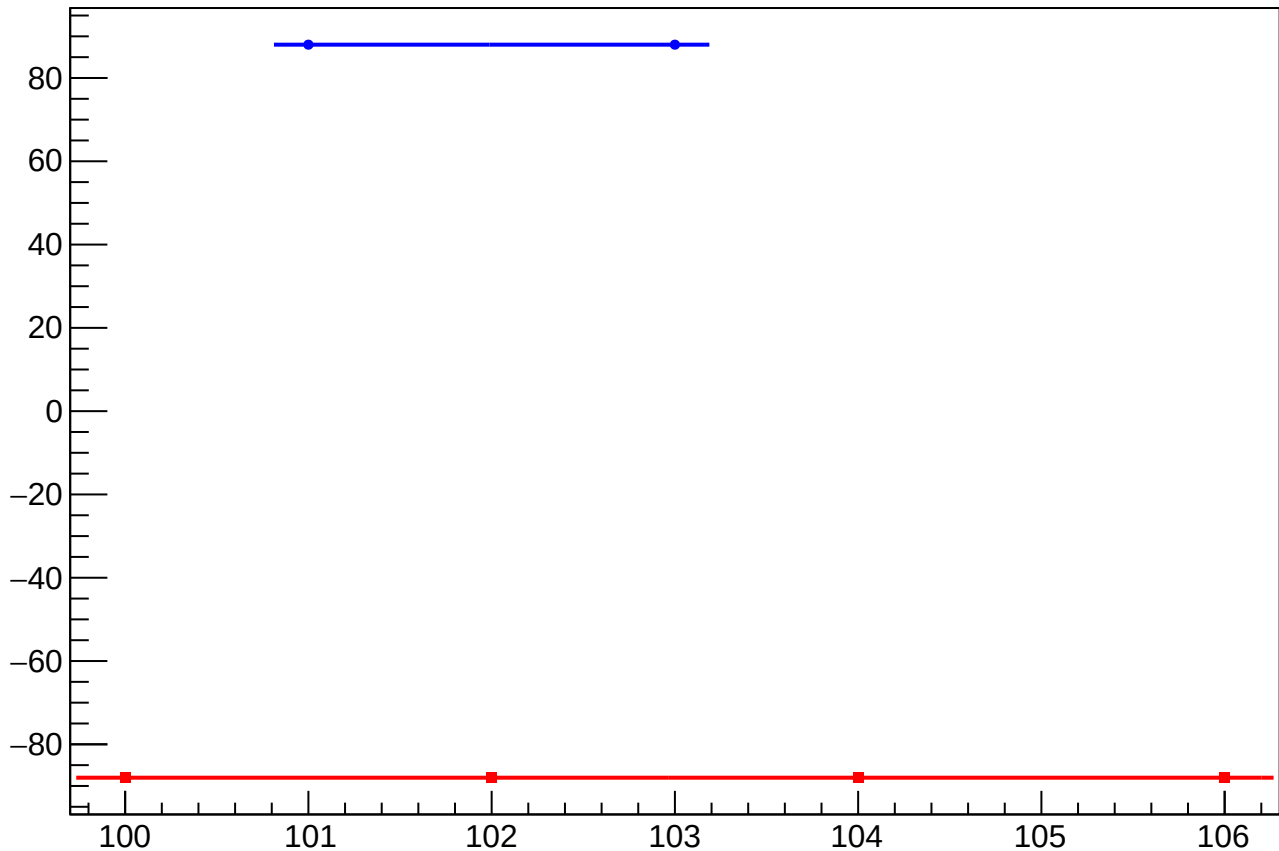
Right: -0.001+/-0.000 χ^2/NDF : 2513793103448274

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 2513793103448

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 25849.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.013+/-0.000 χ^2/NDF : 52536197435185735611740848128.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

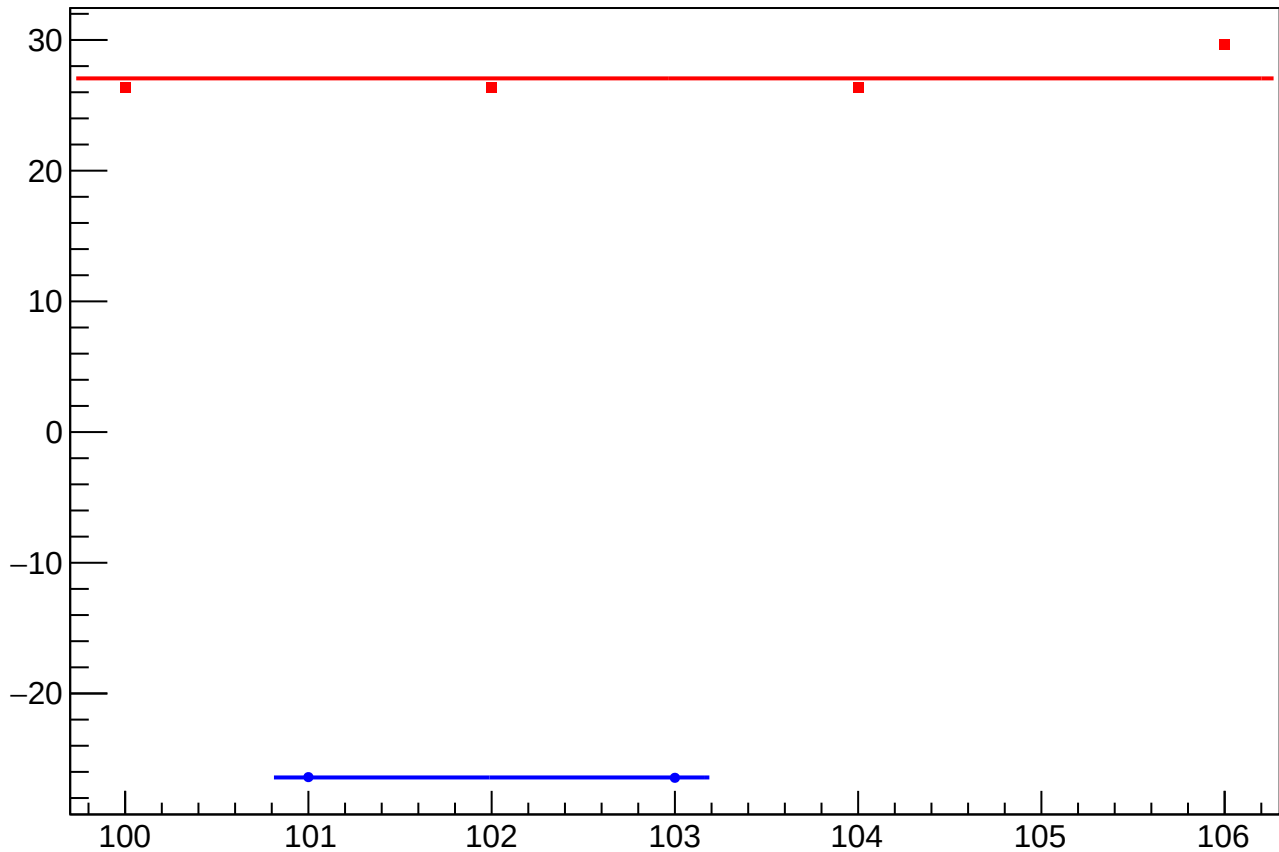
Right: -10.324+/-0.000 χ^2/NDF : 221524677367287

In: 88.001+/-0.000 χ^2/NDF : 25849.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

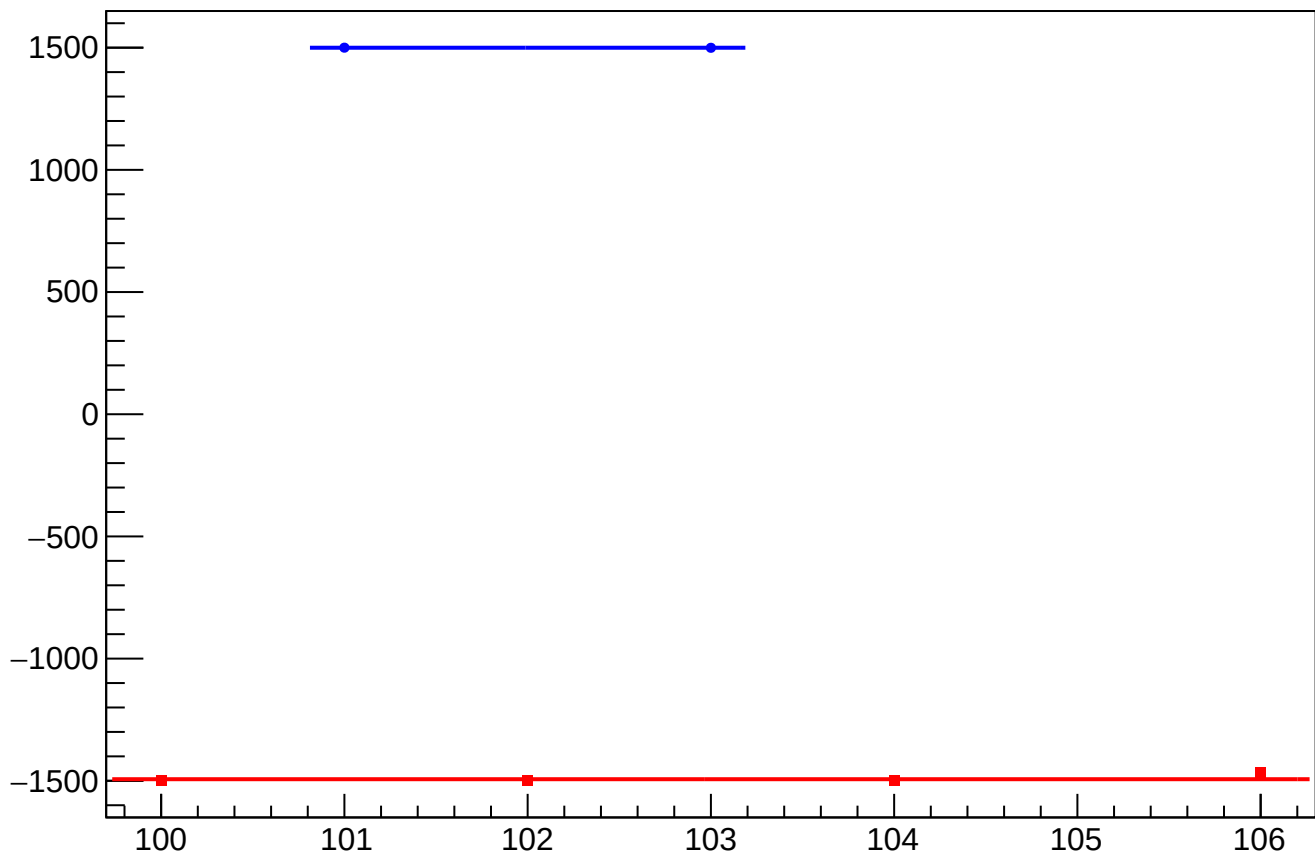
All: -10.324+/-0.000 χ^2/NDF : 221524677367

HWienAngle_mean vs Slug, Sign Corrected



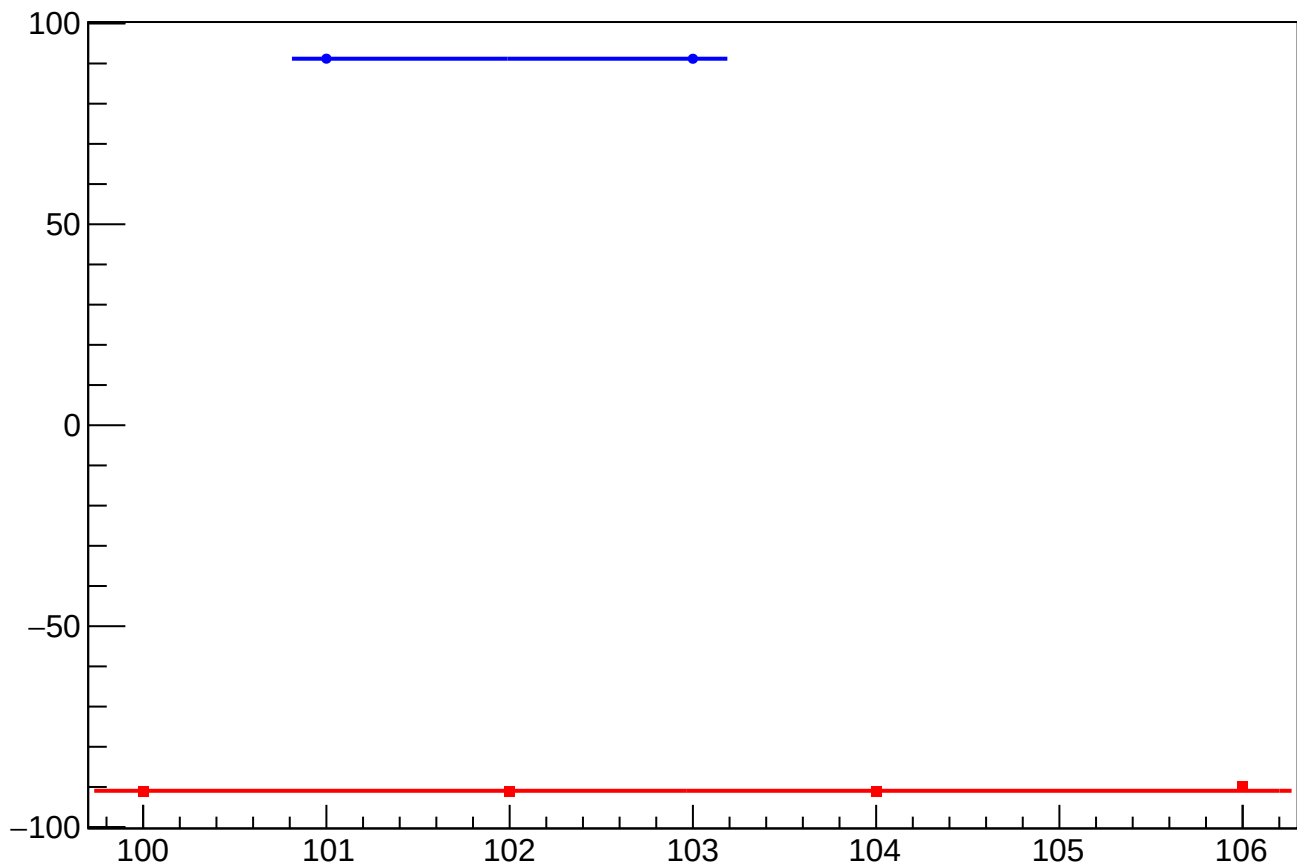
Right In: -26.426+/-0.000 χ^2/NDF : 84616071428601276711999373312.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 27.061+/-0.000 χ^2/NDF : 275853600000008284606238268850176.0/3
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.453+/-0.000 χ^2/NDF : 20483508255281656

psub_pl_pos_mean vs Slug, Sign Corrected



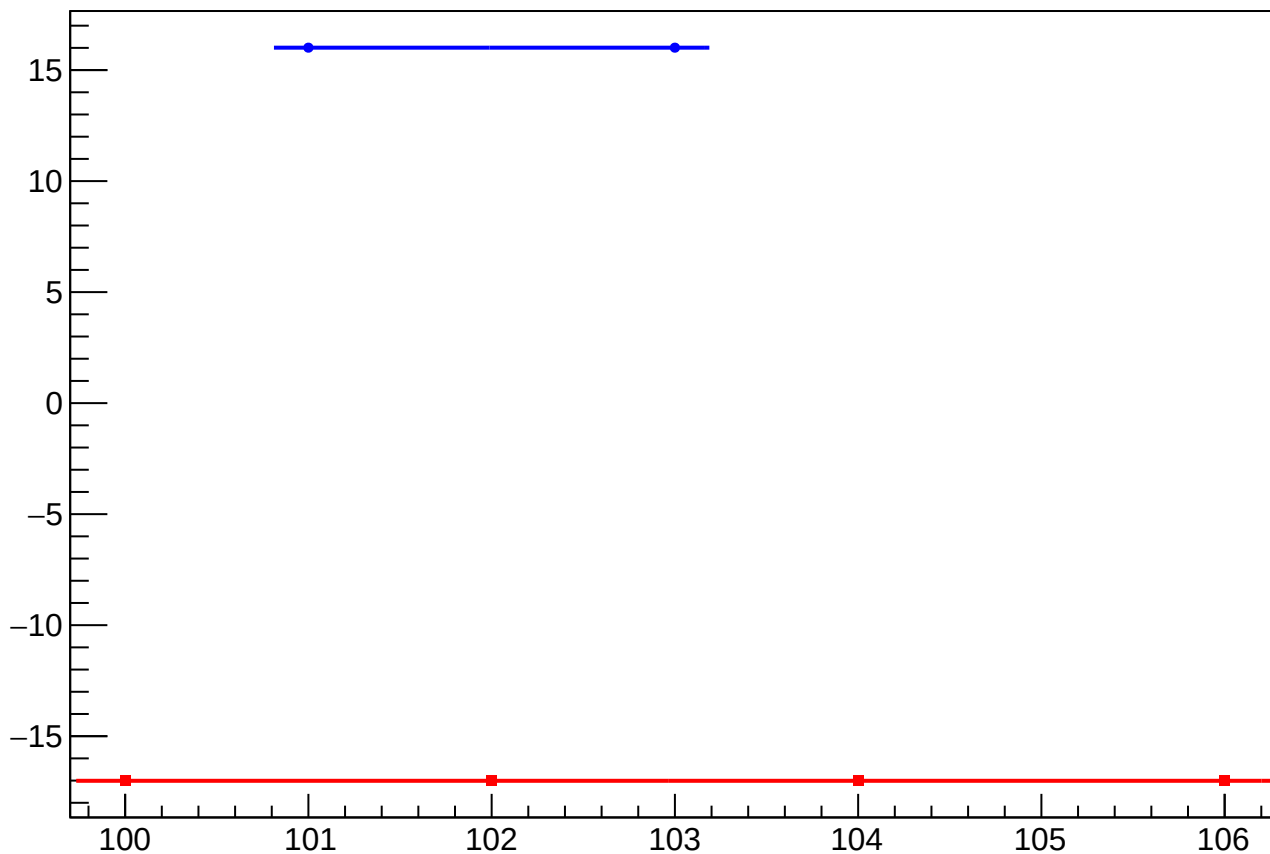
Right In: 1499.751+/-0.000 χ^2/NDF : 8265014854241130300296031895552.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1493.478+/-0.000 χ^2/NDF : 26944457041196742441663038104797184.0/3
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -172.329+/-0.000 χ^2/NDF : 64065609232433

Phi_FG_mean vs Slug, Sign Corrected



Right In: 91.190+/-0.000 χ^2/NDF : 12393849206289169981649190912.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -90.947+/-0.000 χ^2/NDF : 40404711111109276170949463375872.0/3
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -10.556+/-0.000 χ^2/NDF : 237206983677456

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 1615.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 24271.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

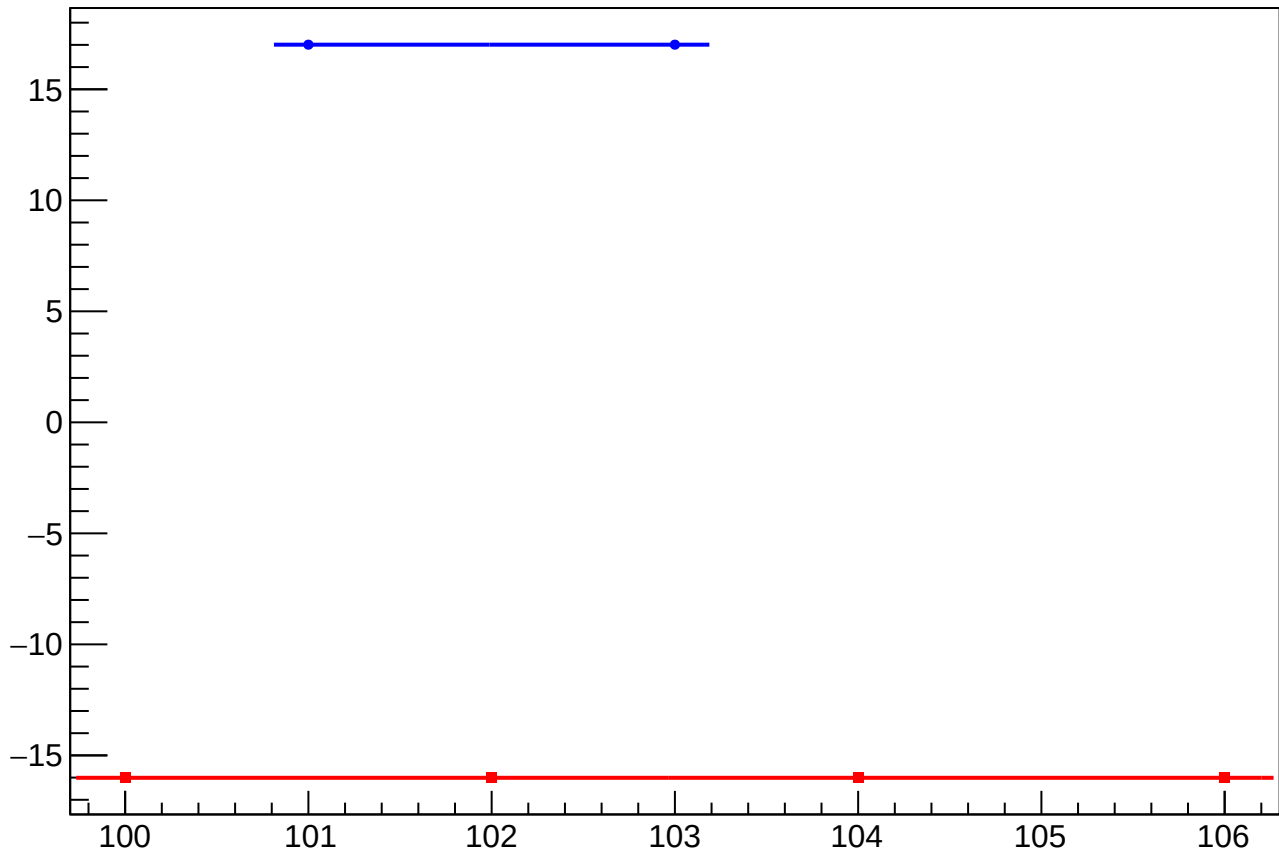
Right: -2.075+/-0.000 χ^2/NDF : 7643222252650182

In: 16.009+/-0.000 χ^2/NDF : 1615.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.075+/-0.000 χ^2/NDF : 7643222252650

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 795.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 11044.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

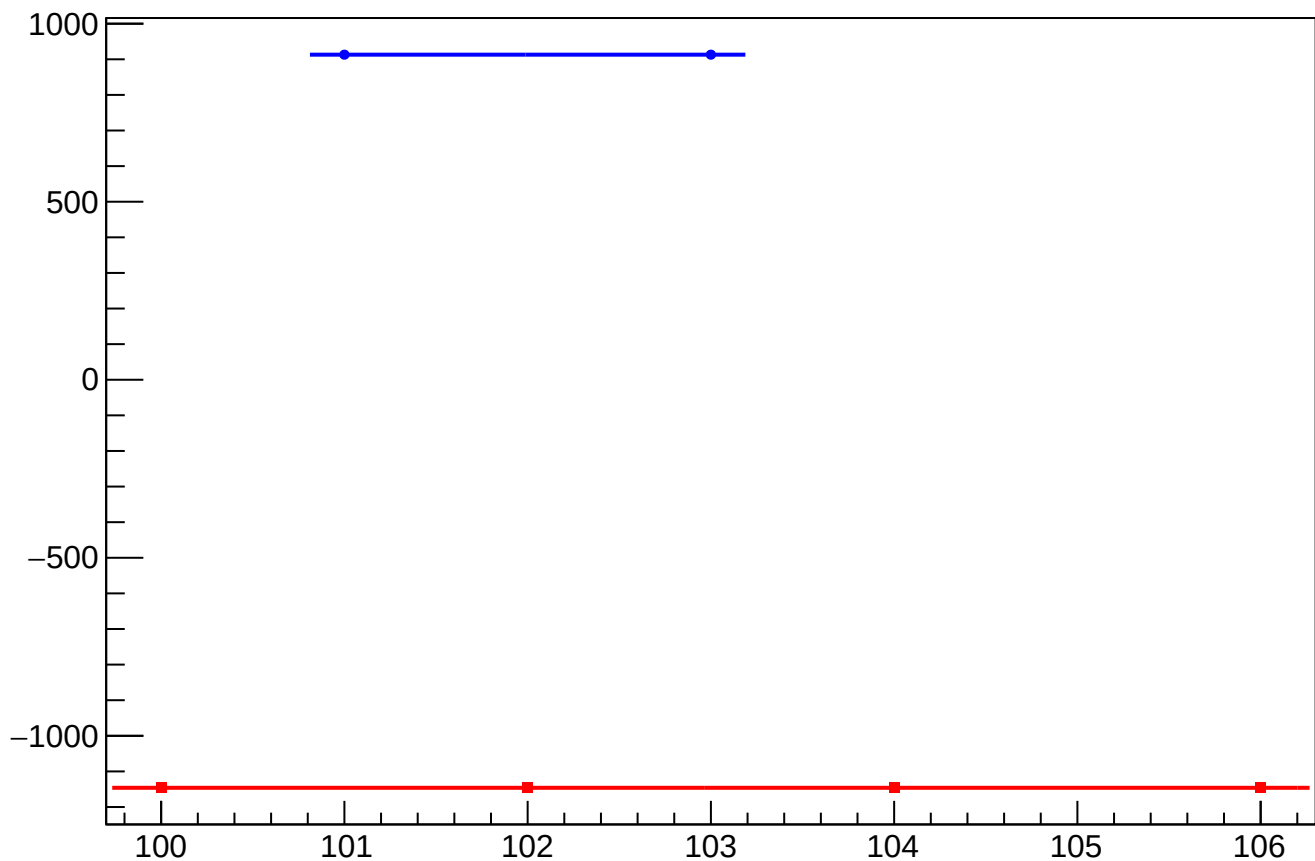
Right: -2.026+/-0.000 χ^2/NDF : 7479574840719532

In: 17.009+/-0.000 χ^2/NDF : 795.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

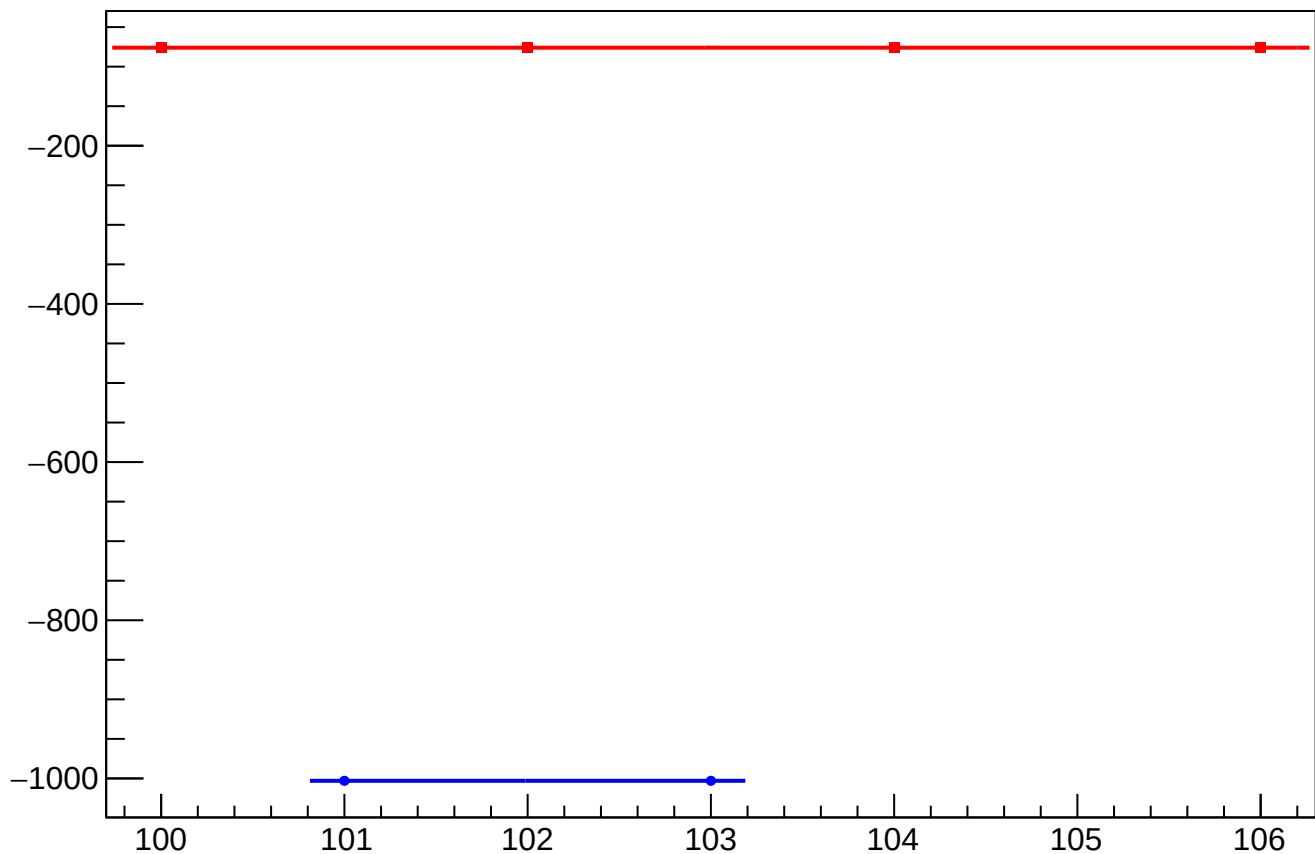
All: -2.026+/-0.000 χ^2/NDF : 7479574840719

RTPAPOSUCNT_mean vs Slug, Sign Corrected



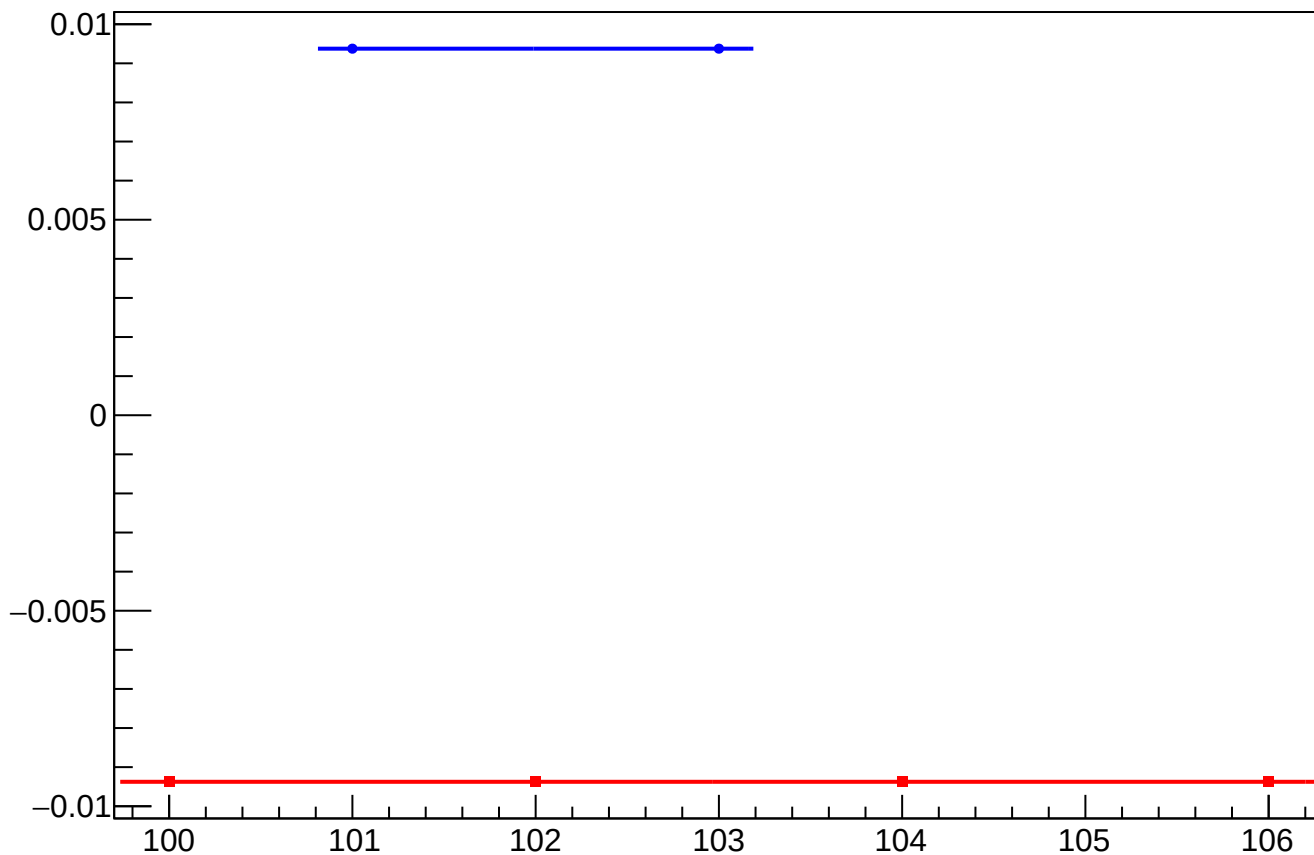
Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 1290678205569944677284577280.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -1146.009 $\pm$ 0.000 χ^2 /NDF: 17939479.5/3
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 In: 912.994 $\pm$ 0.000 χ^2 /NDF: 1290678205569944677284577280.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -237.208 $\pm$ 0.000 χ^2 /NDF: 30313843091711.0/1

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Right In: -1002.990+/-0.000 χ^2/NDF : 96455448877982746610237440.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -76.009+/-0.000 χ^2/NDF : 2241491268253209205932032.0/3
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -485.159+/-0.000 χ^2/NDF : 61442376367886

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

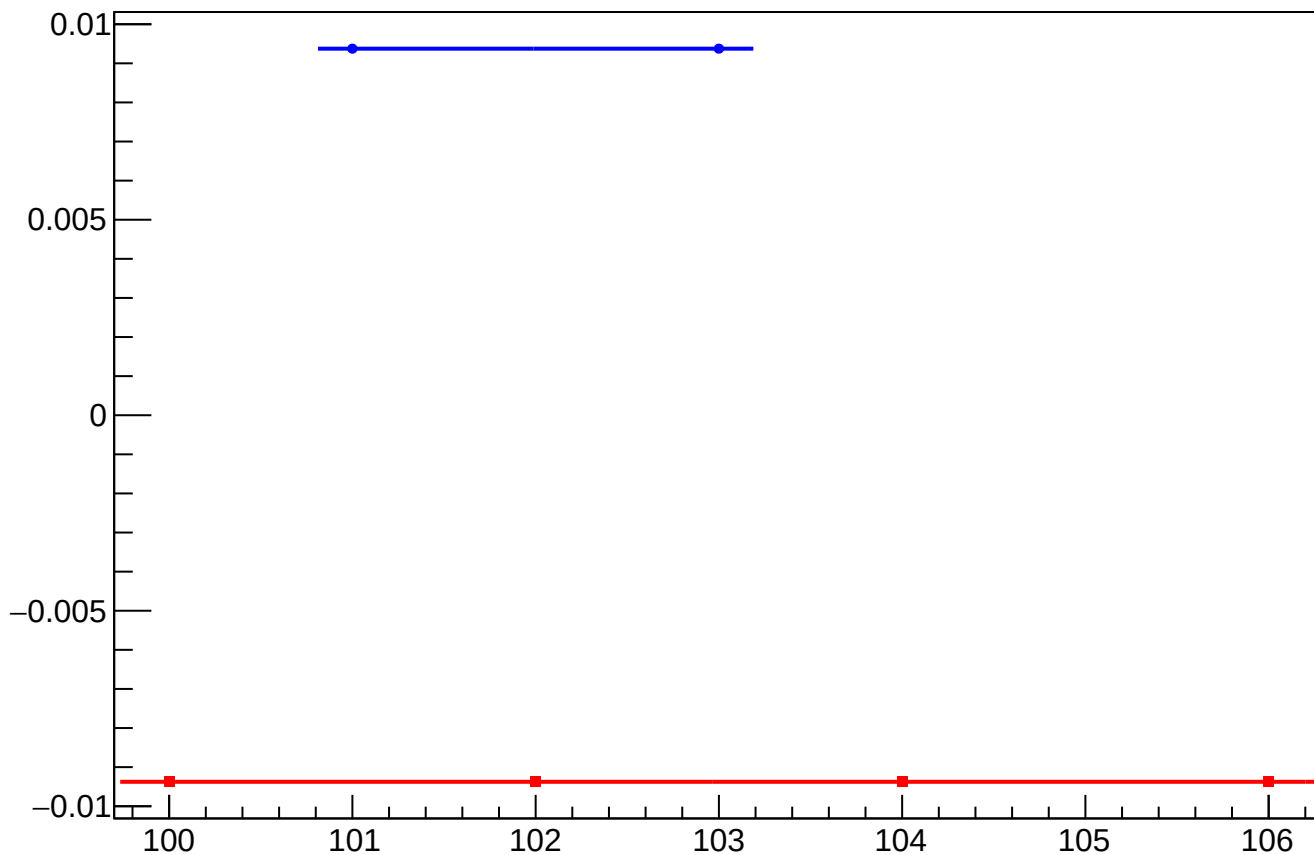
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 2513793103448274

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 2513793103448

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.001+/-0.000 χ^2/NDF : 2513793103448274

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 2513793103448