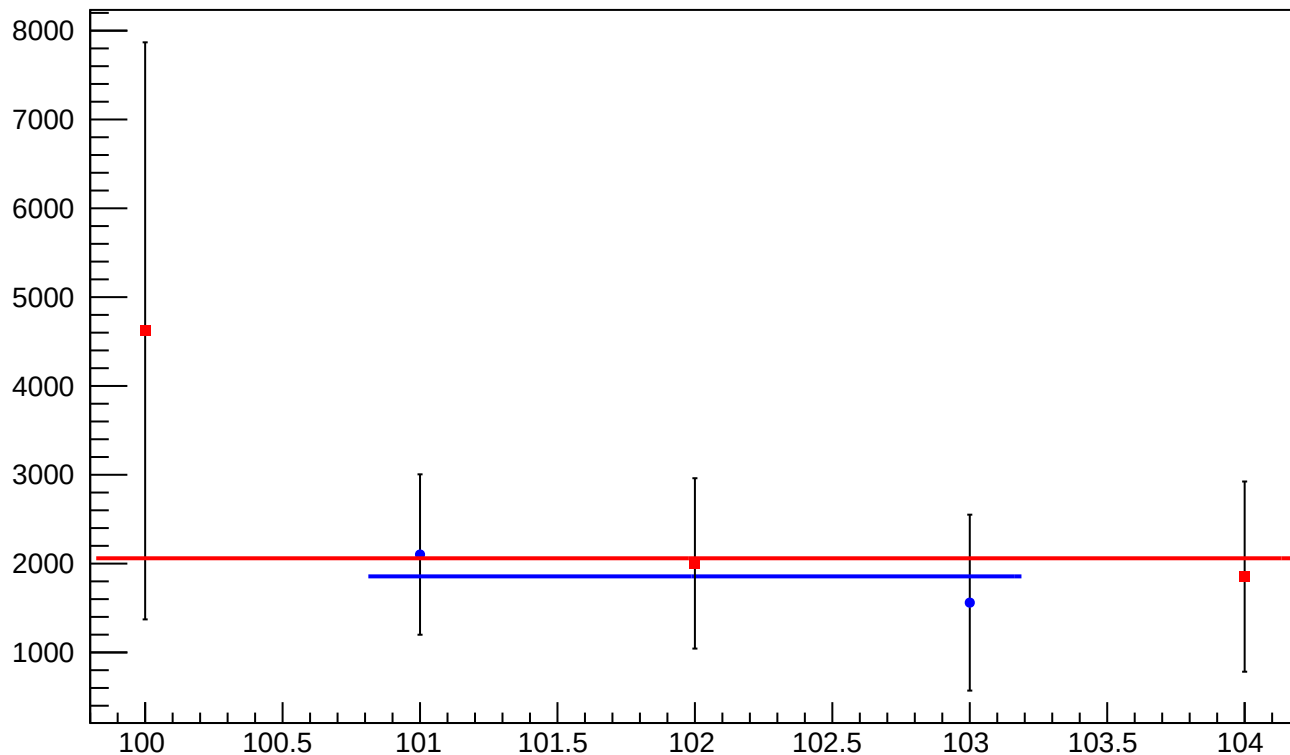


reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 2059.967+/-697.713 χ^2/NDF : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

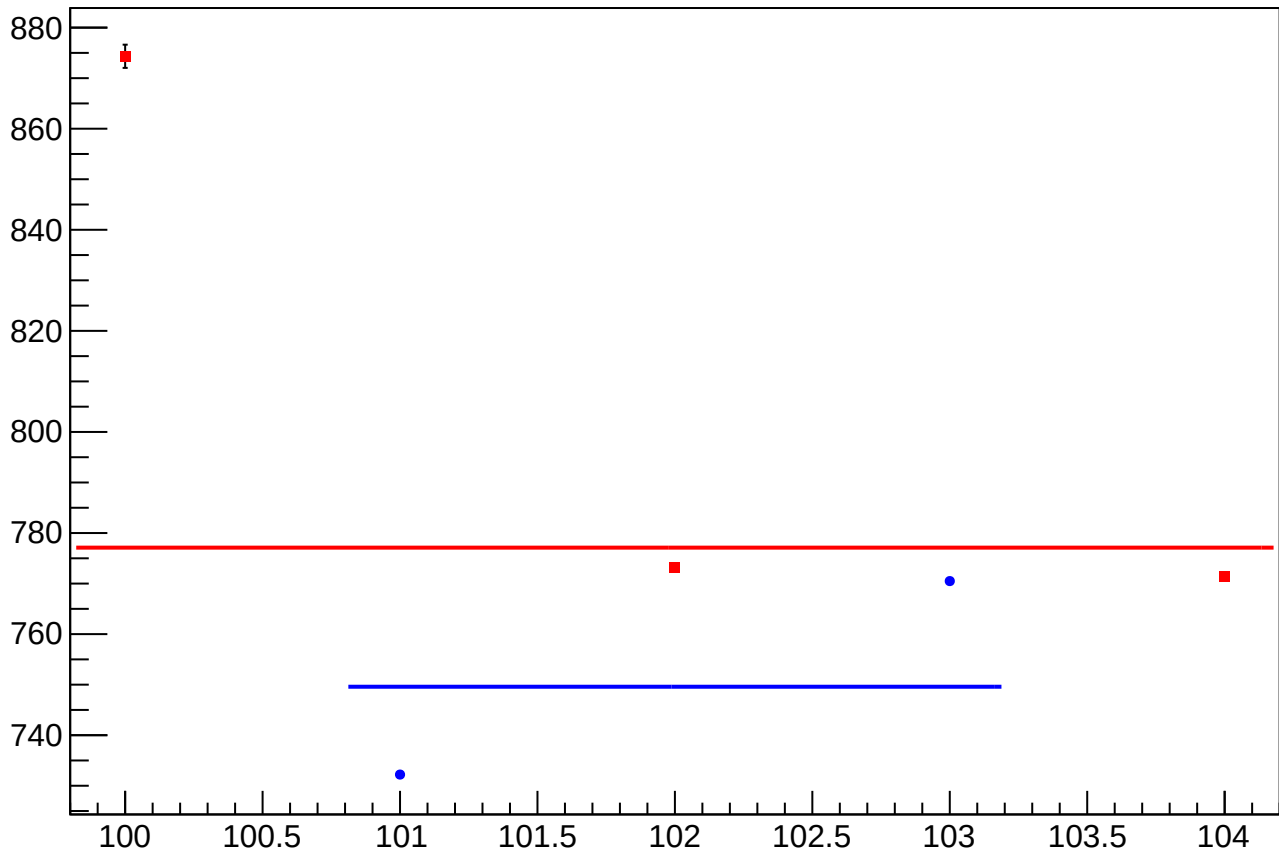
Right: 1953.570+/-482.221 χ^2/NDF : 0.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.570+/-482.221 χ^2/NDF : 0.9/4

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: 777.111 $\pm$ 0.493 χ^2 /NDF: 1880.9/2

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

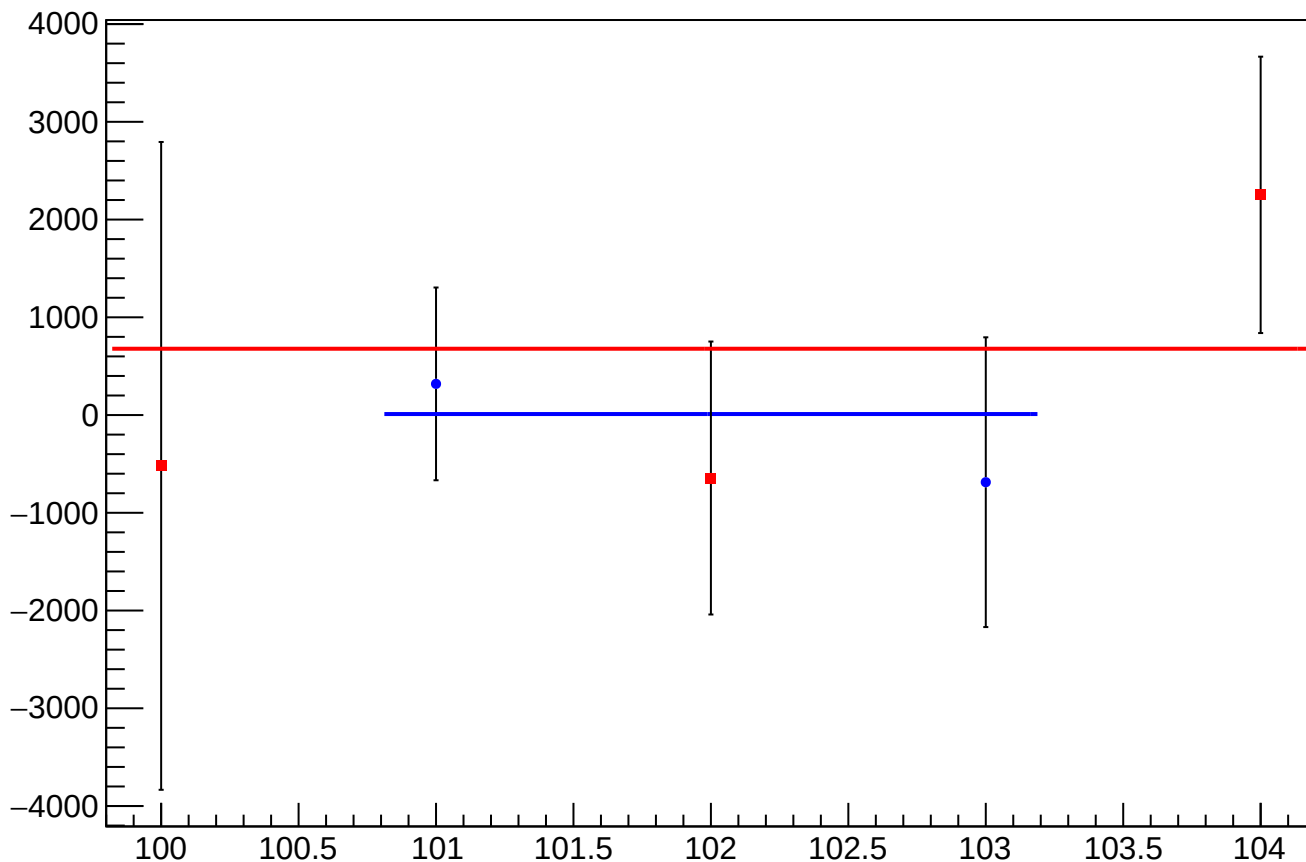
Right: 762.737 $\pm$ 0.341 χ^2 /NDF: 5138.3/4

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: 762.737 $\pm$ 0.341 χ^2 /NDF: 5138.3/4

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: 678.513+/-951.632 χ^2/NDF : 2.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

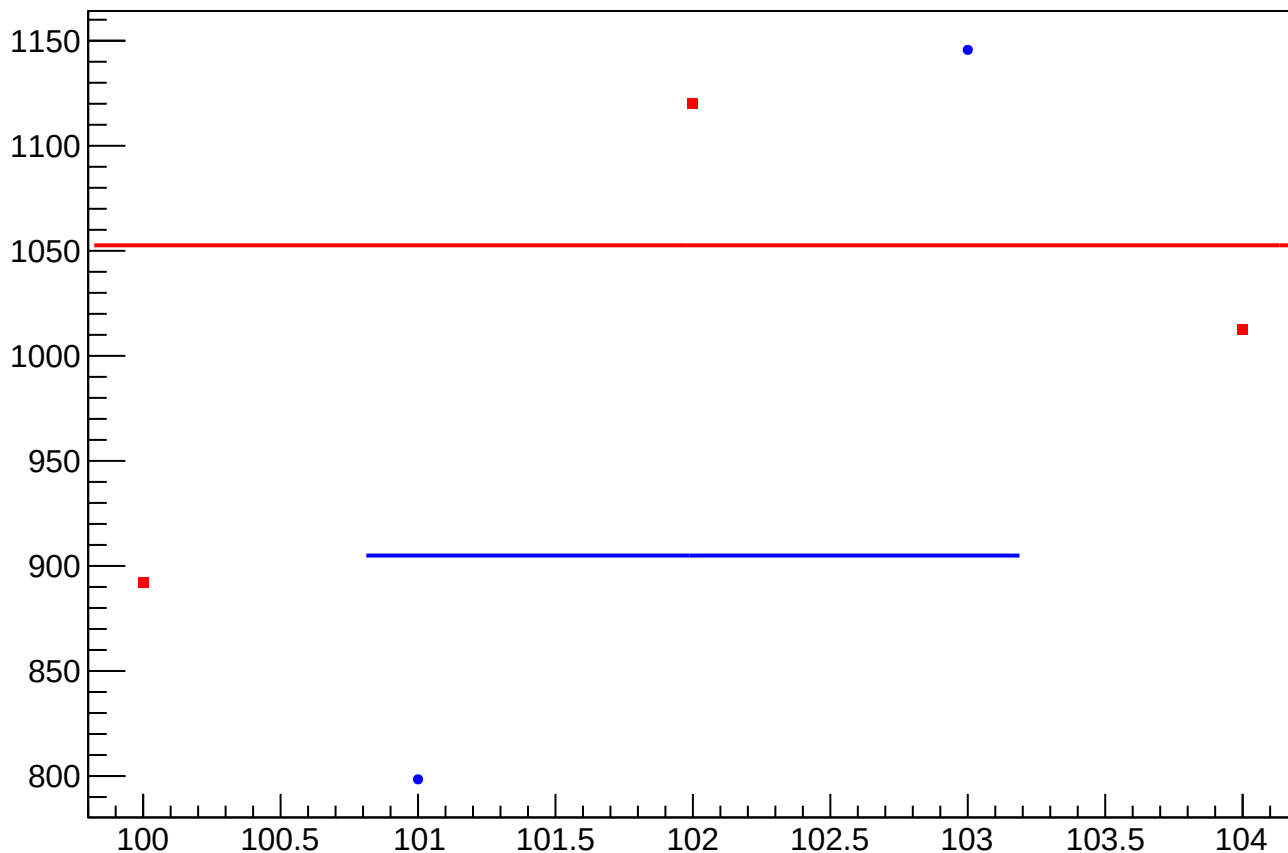
Right: 295.427+/-621.607 χ^2/NDF : 2.9/4

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.427+/-621.607 χ^2/NDF : 2.9/4

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1052.621+/-0.673 χ^2/NDF : 10992.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

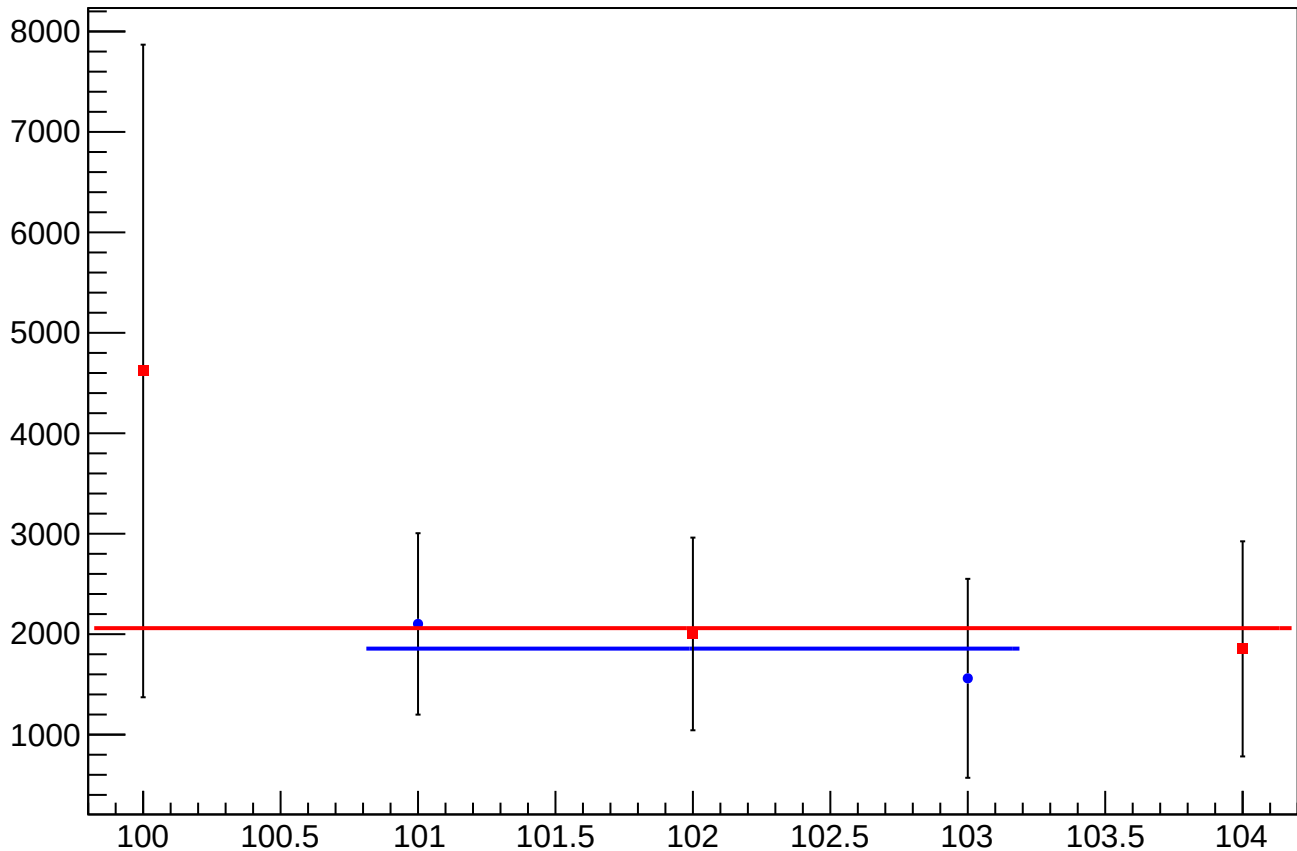
Right: 967.953+/-0.440 χ^2/NDF : 114692.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.953+/-0.440 χ^2/NDF : 114692.4/4

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: 2059.967+/-697.713 χ^2/NDF : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

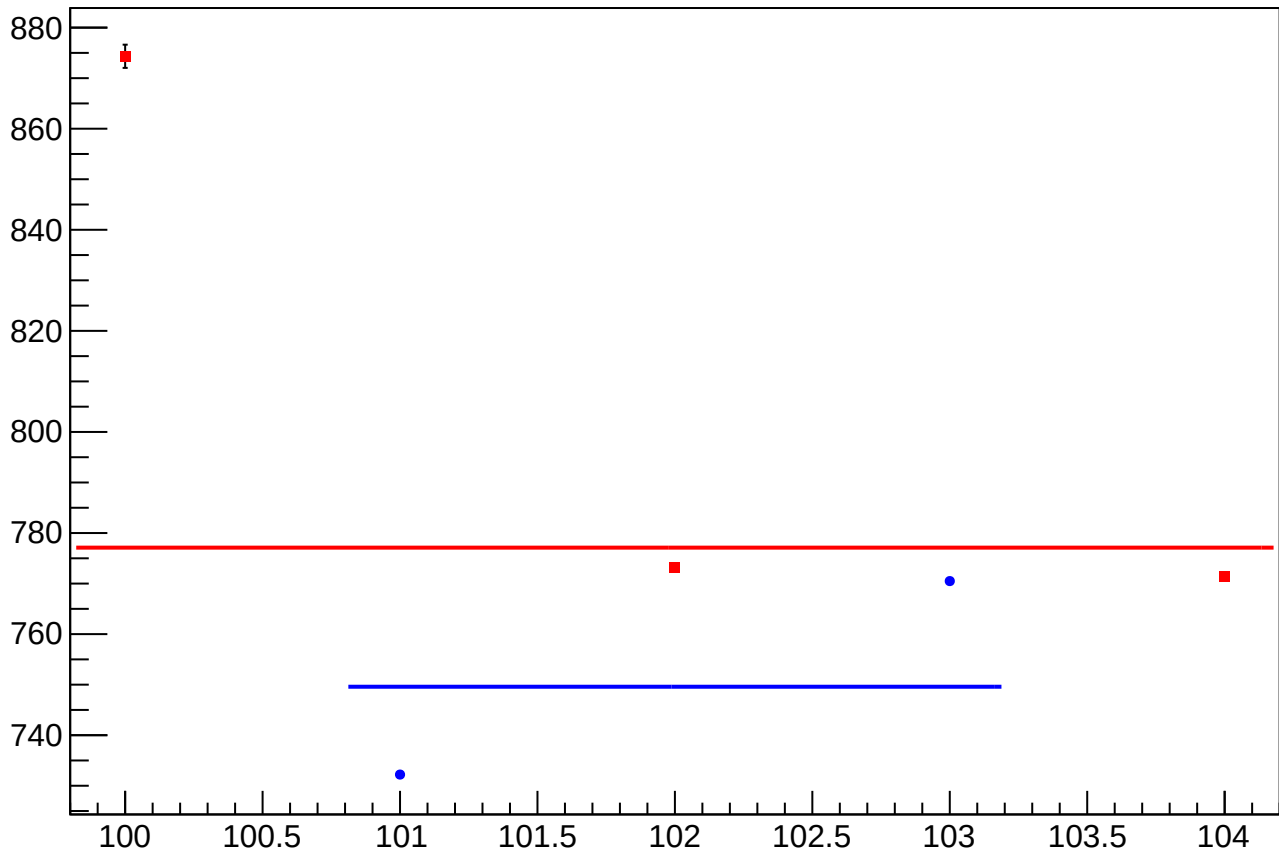
Right: 1953.570+/-482.221 χ^2/NDF : 0.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.570+/-482.221 χ^2/NDF : 0.9/4

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: 777.111 $\pm$ 0.493 χ^2 /NDF: 1880.9/2

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

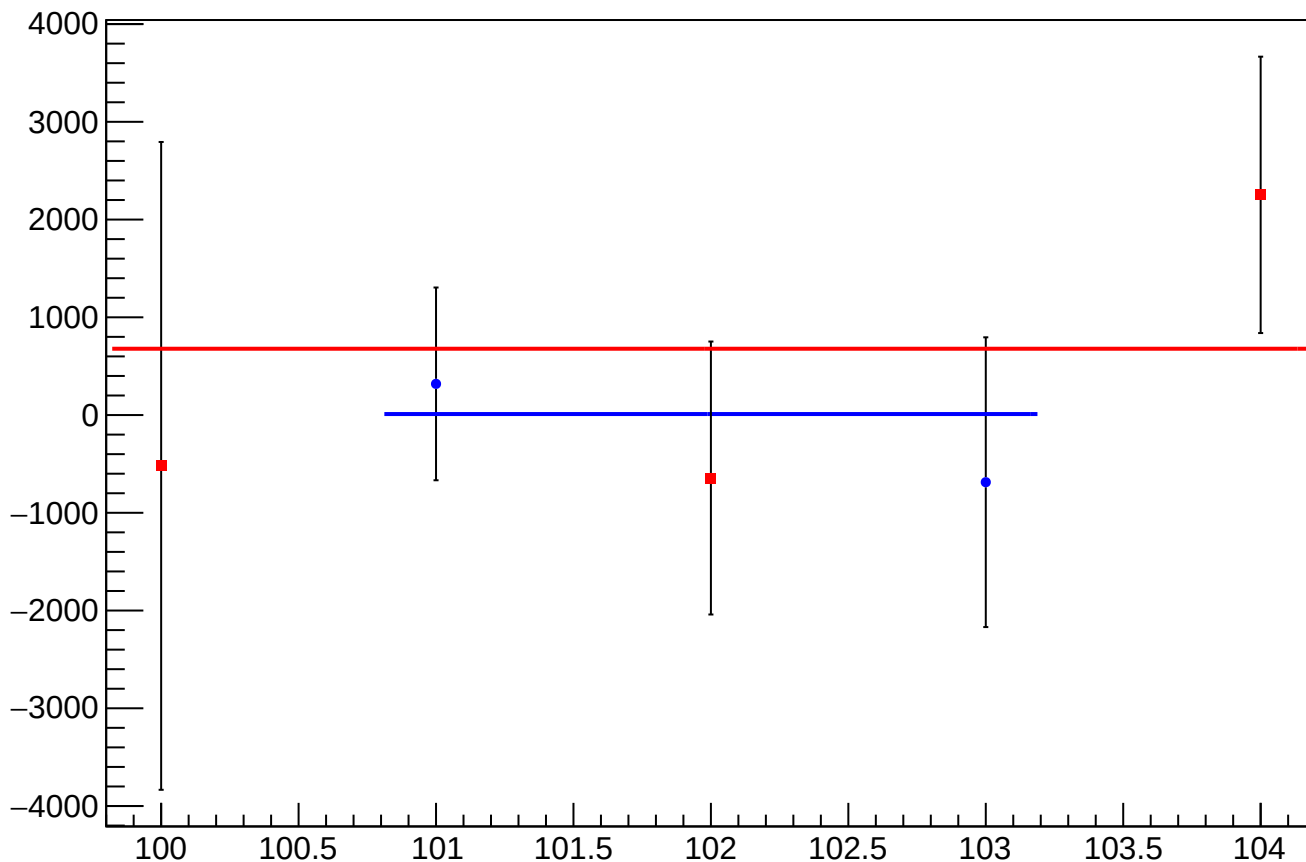
Right: 762.737 $\pm$ 0.341 χ^2 /NDF: 5138.3/4

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: 762.737 $\pm$ 0.341 χ^2 /NDF: 5138.3/4

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: 678.513+/-951.632 χ^2/NDF : 2.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

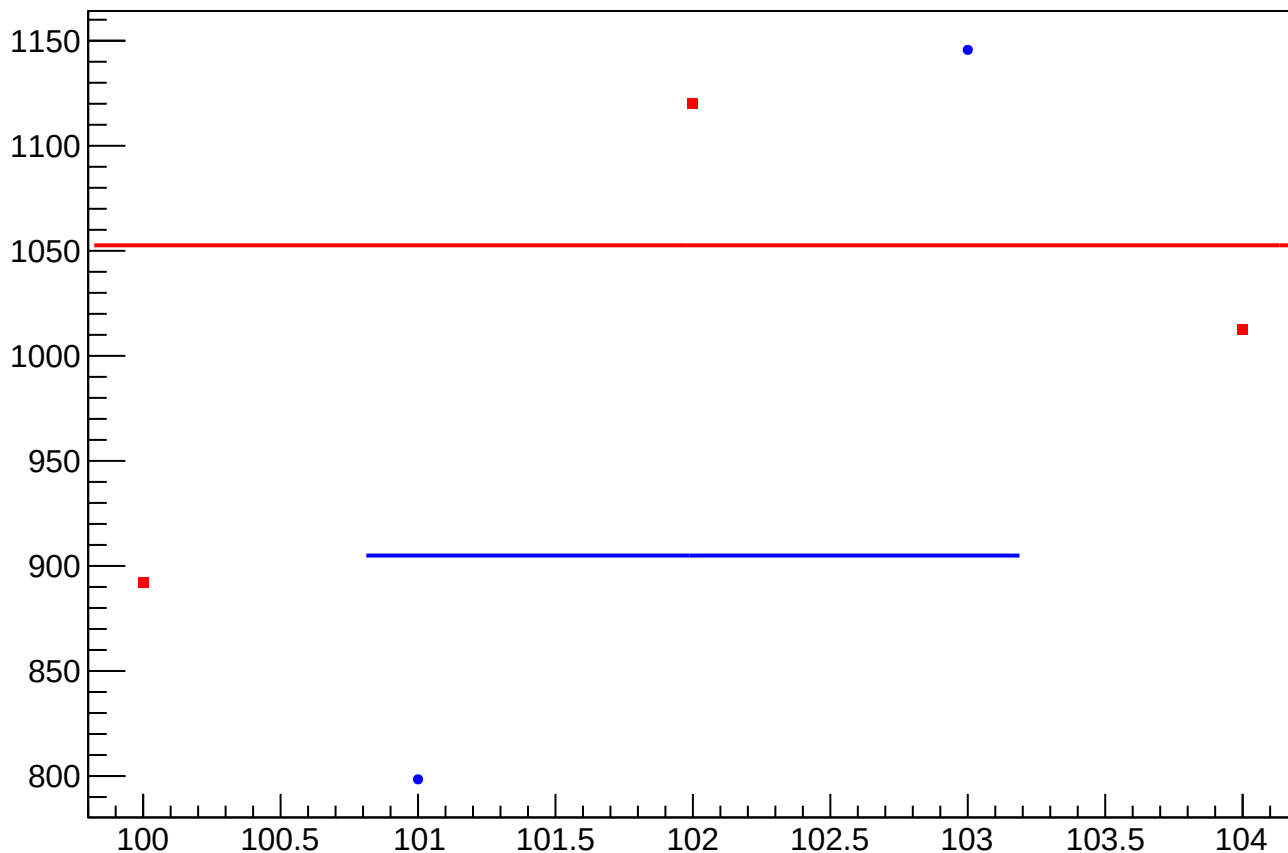
Right: 295.427+/-621.607 χ^2/NDF : 2.9/4

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.427+/-621.607 χ^2/NDF : 2.9/4

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: 1052.621 $\pm$ 0.673 χ^2 /NDF: 10992.0/2

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

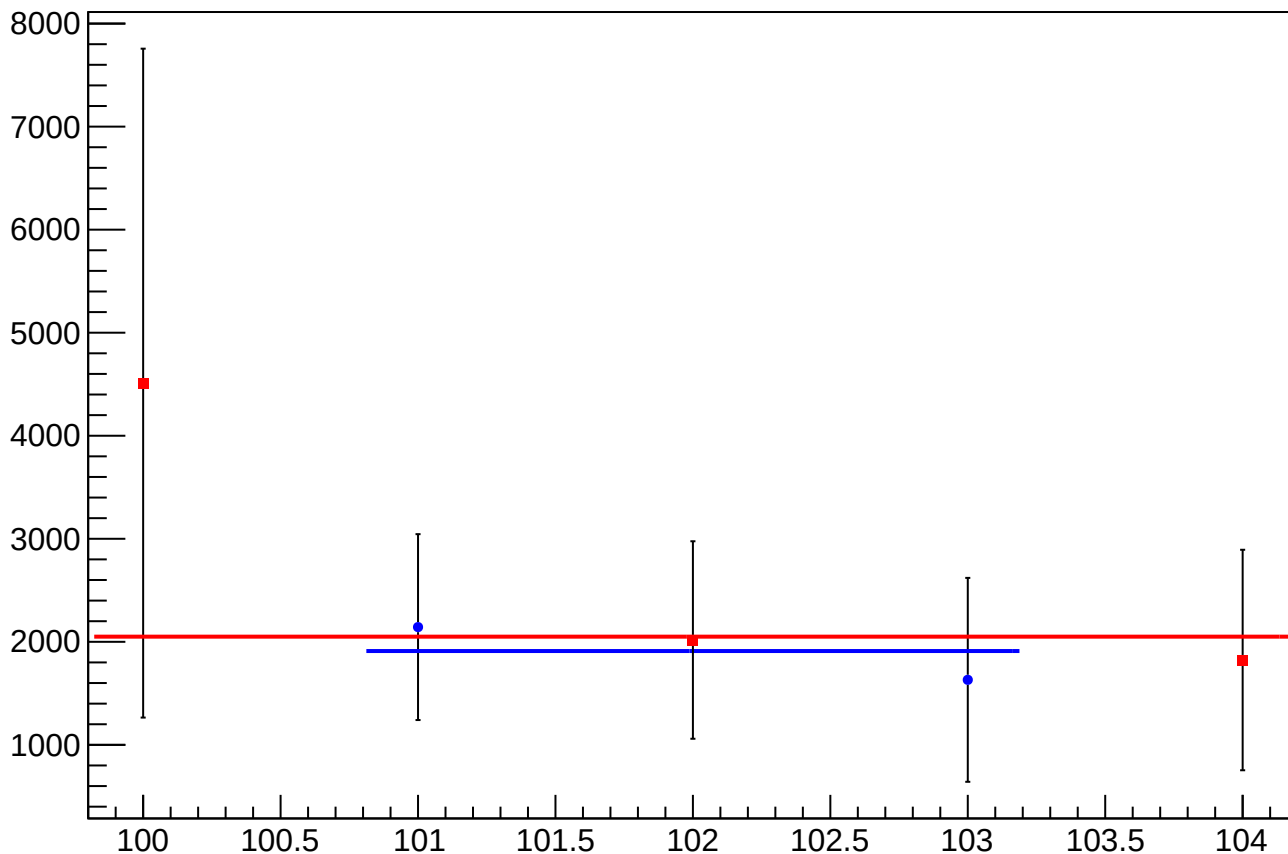
Right: 967.953 $\pm$ 0.440 χ^2 /NDF: 114692.4/4

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: 967.953 $\pm$ 0.440 χ^2 /NDF: 114692.4/4

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: 2050.093+/-697.210 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

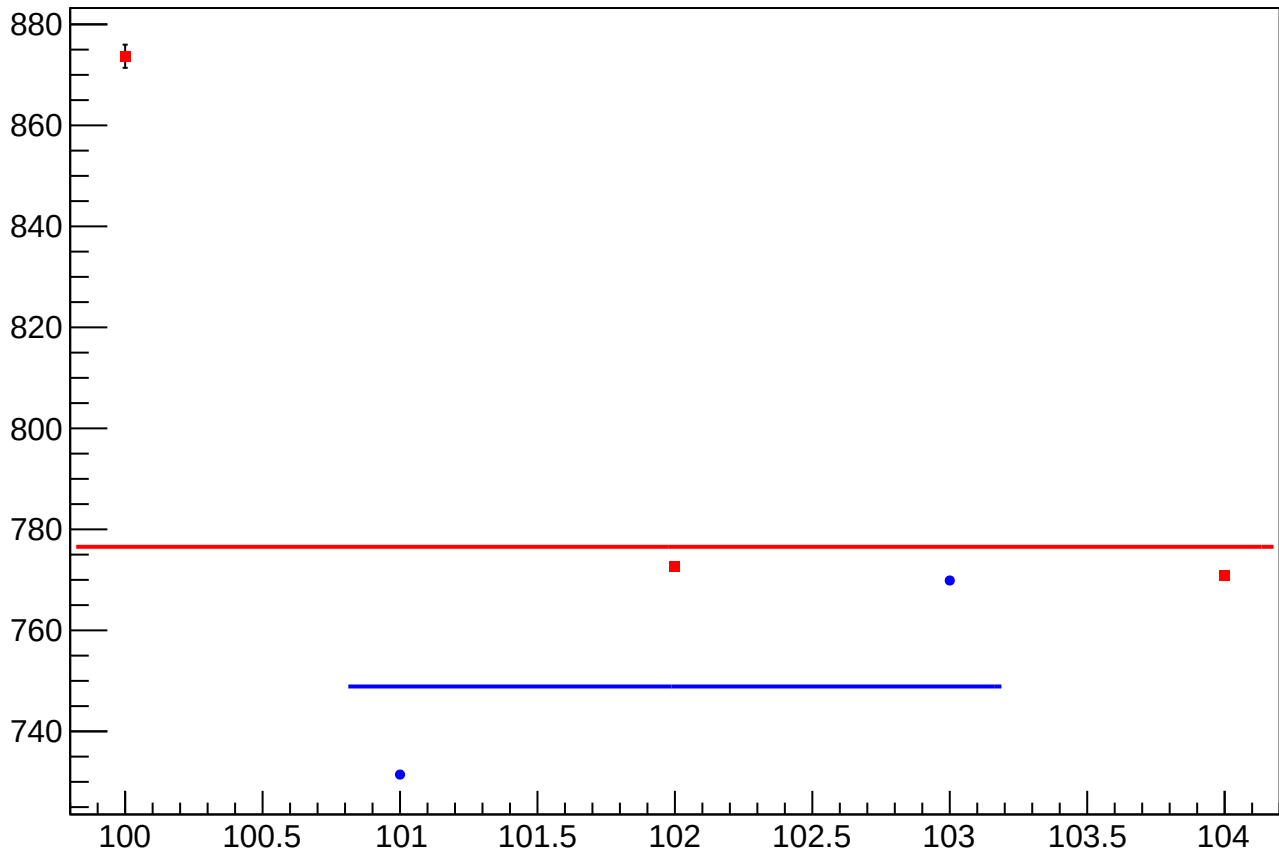
Right: 1977.177+/-481.819 χ^2/NDF : 0.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1977.177+/-481.819 χ^2/NDF : 0.8/4

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: 776.551 $\pm$ 0.493 χ^2 /NDF: 1880.5/2

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

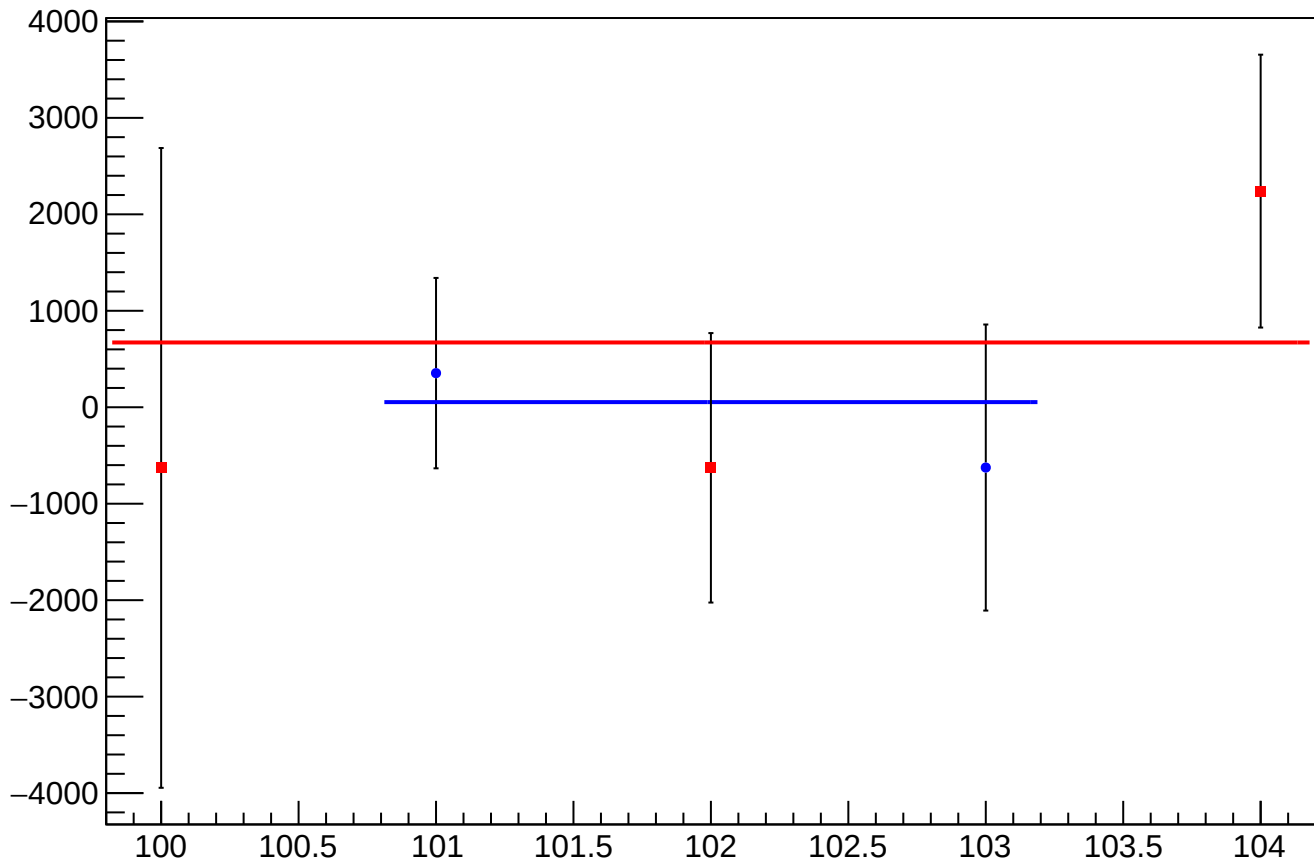
Right: 762.098 $\pm$ 0.341 χ^2 /NDF: 5173.4/4

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: 762.098 $\pm$ 0.341 χ^2 /NDF: 5173.4/4

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: 671.587+/-952.033 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

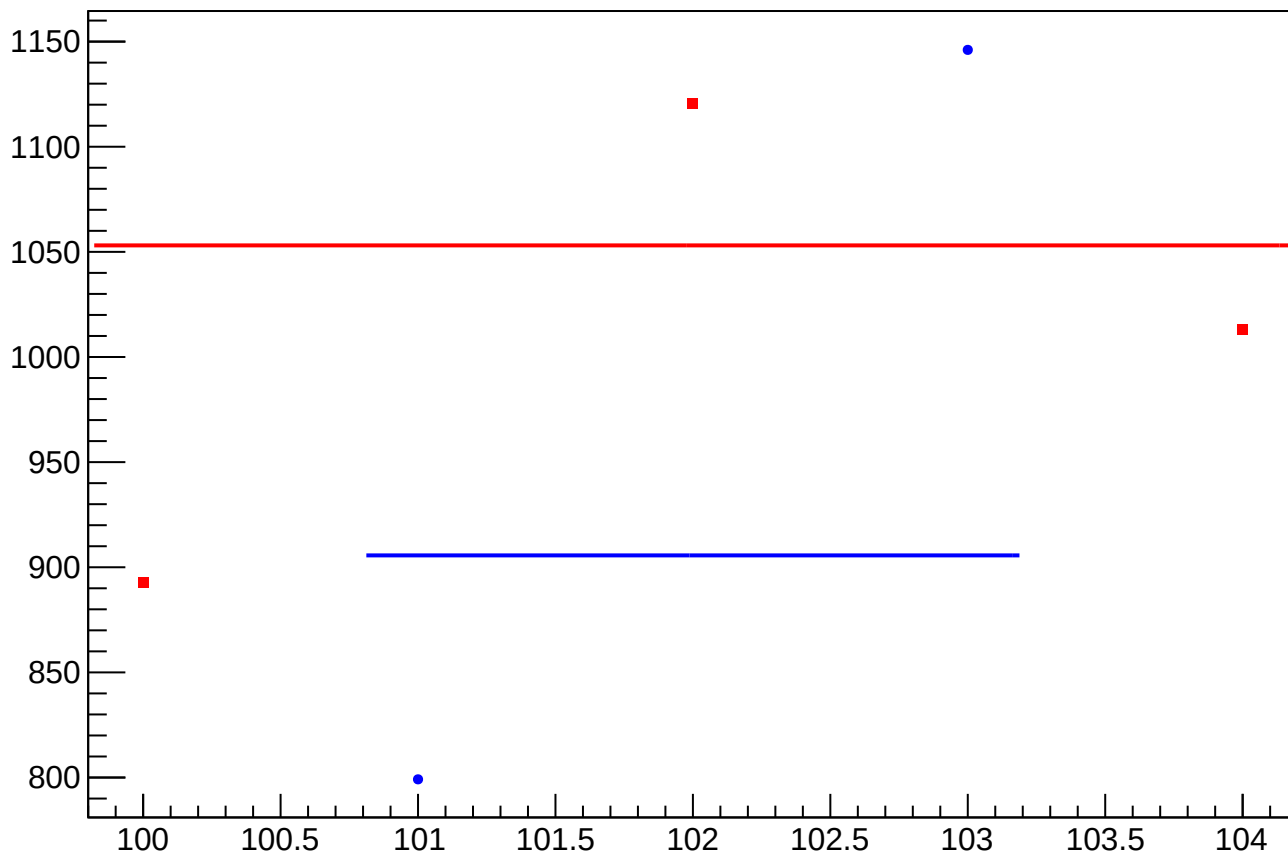
Right: 317.176+/-621.979 χ^2/NDF : 2.8/4

In: 53.261+/-821.544 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.176+/-621.979 χ^2/NDF : 2.8/4

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 905.645 $\pm$ 0.581 χ^2 /NDF: 75875.2/1

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

Right Out: 1053.080 $\pm$ 0.673 χ^2 /NDF: 10957.2/2

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

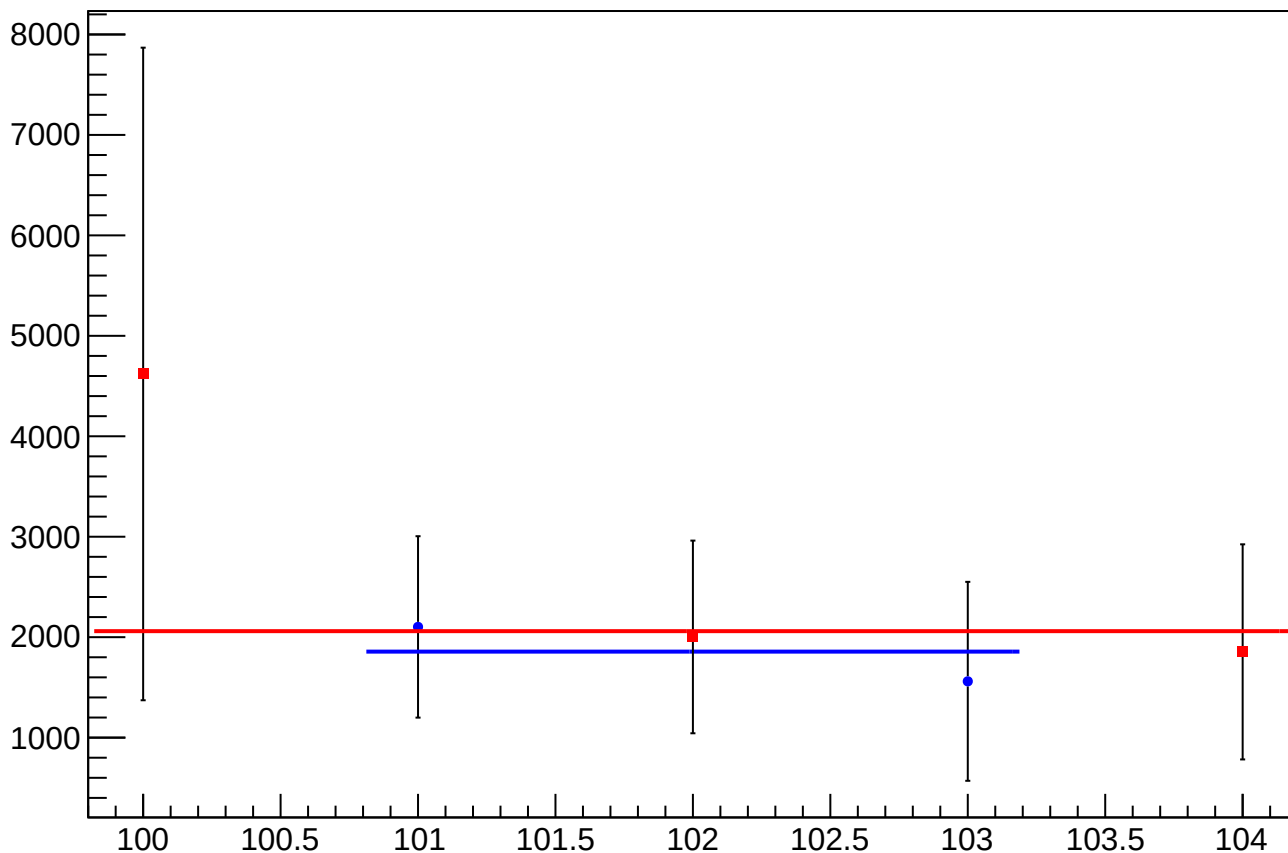
Right: 968.574 $\pm$ 0.440 χ^2 /NDF: 114324.7/4

In: 905.645 $\pm$ 0.581 χ^2 /NDF:75875.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 968.574 $\pm$ 0.440 χ^2 /NDF: 114324.7/4

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: 2059.967+/-697.713 χ^2/NDF : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

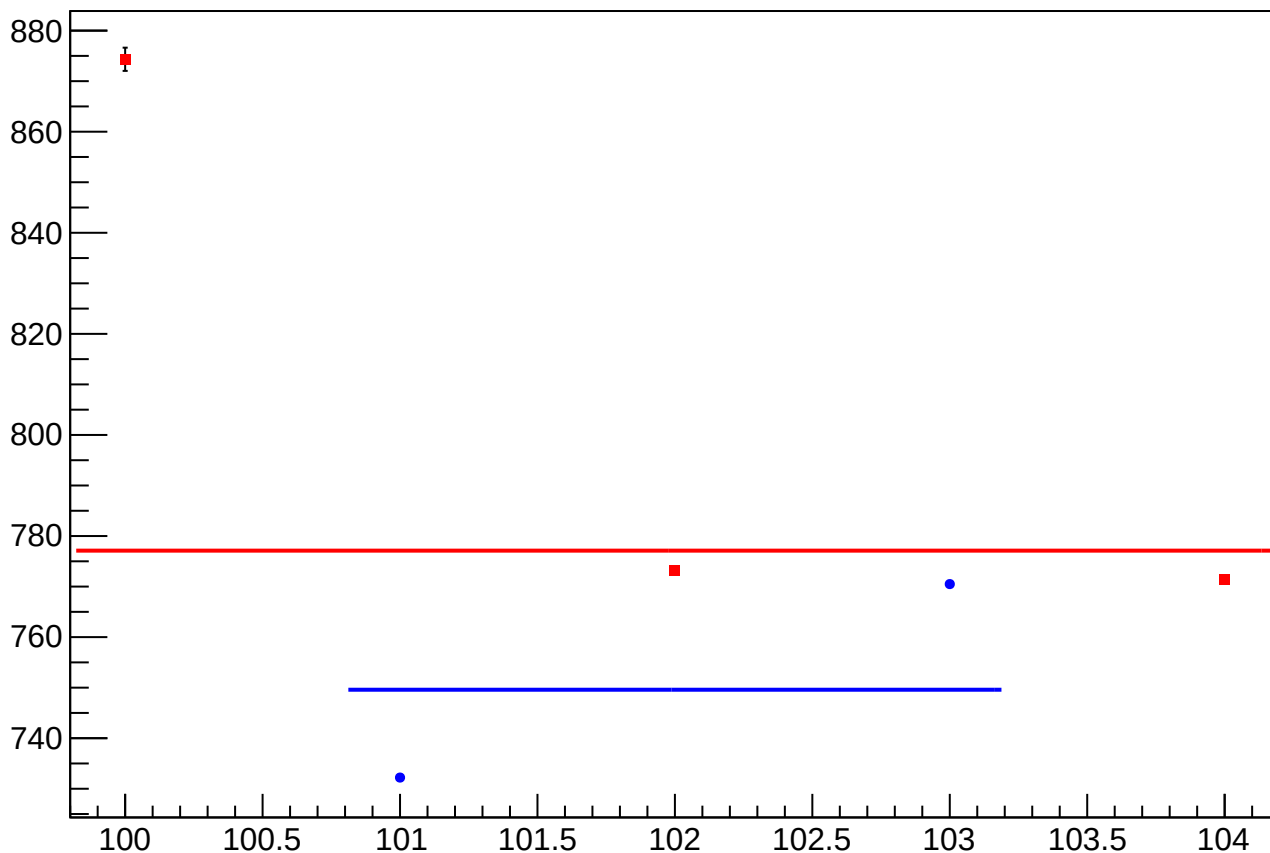
Right: 1953.570+/-482.221 χ^2/NDF : 0.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.570+/-482.221 χ^2/NDF : 0.9/4

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 777.111+/-0.493 χ^2/NDF : 1880.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

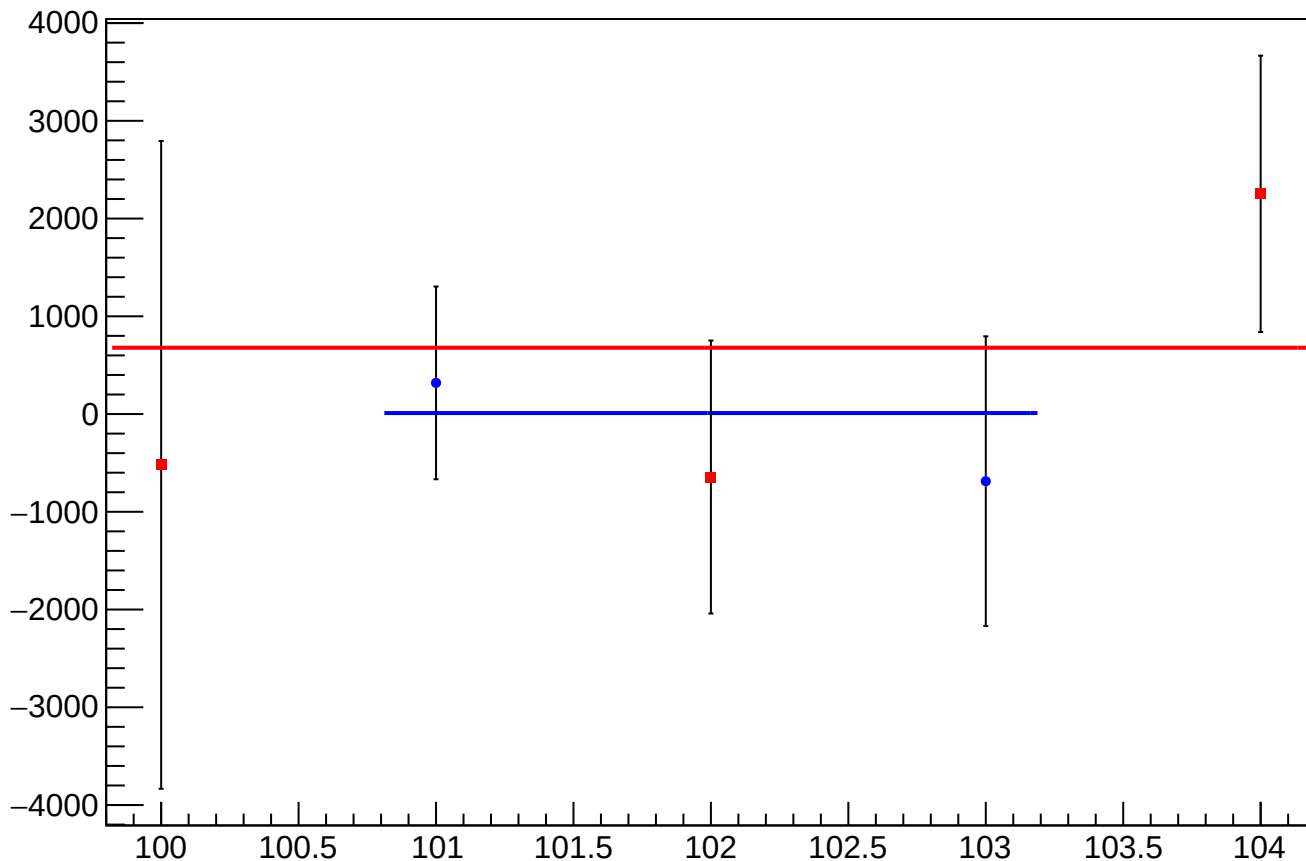
Right: 762.737+/-0.341 χ^2/NDF : 5138.3/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.737+/-0.341 χ^2/NDF : 5138.3/4

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: 678.513+/-951.632 χ^2/NDF : 2.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

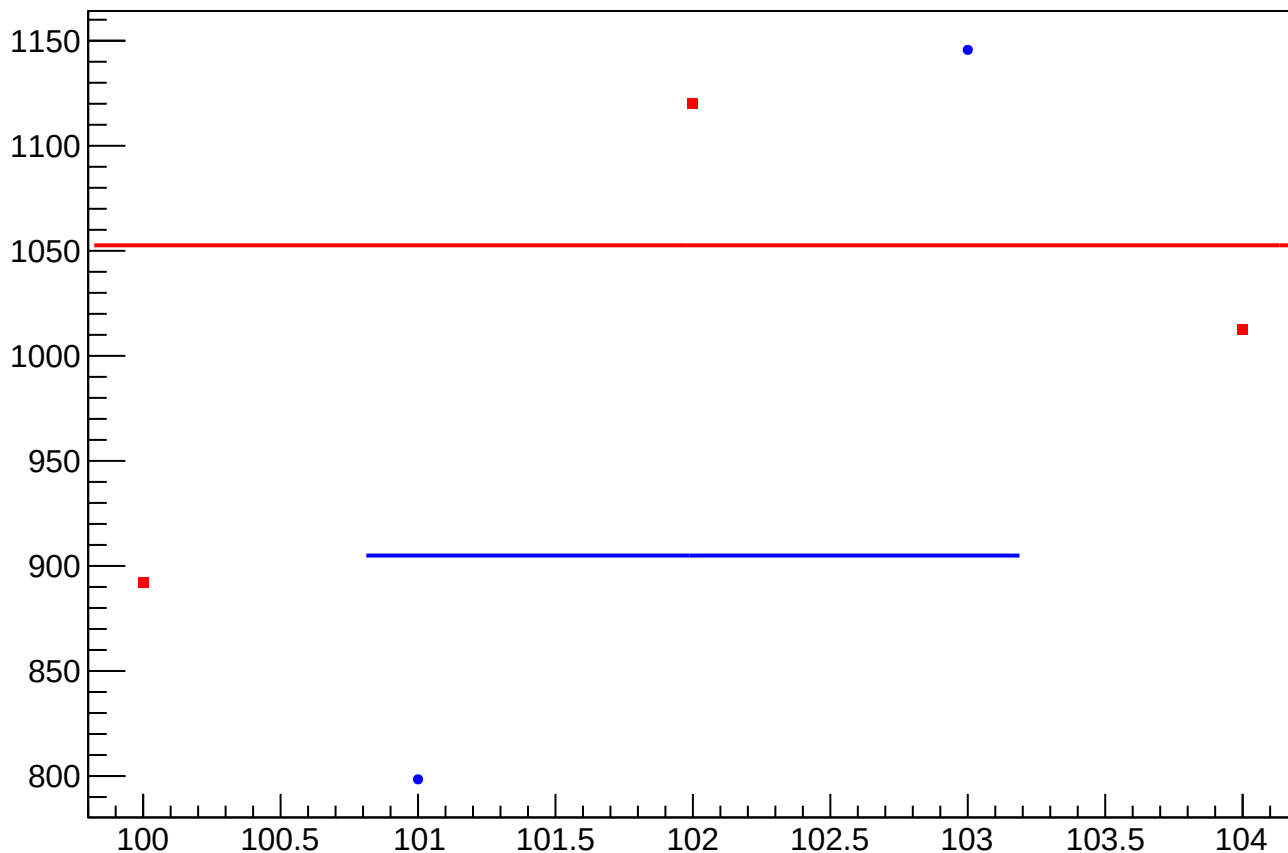
Right: 295.427+/-621.607 χ^2/NDF : 2.9/4

In: 10.333+/-820.946 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.427+/-621.607 χ^2/NDF : 2.9/4

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 904.943 ± 0.580 $\chi^2/\text{NDF}: 76086.5/1$

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

Right Out: 1052.621 ± 0.673 $\chi^2/\text{NDF}: 10992.0/2$

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

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

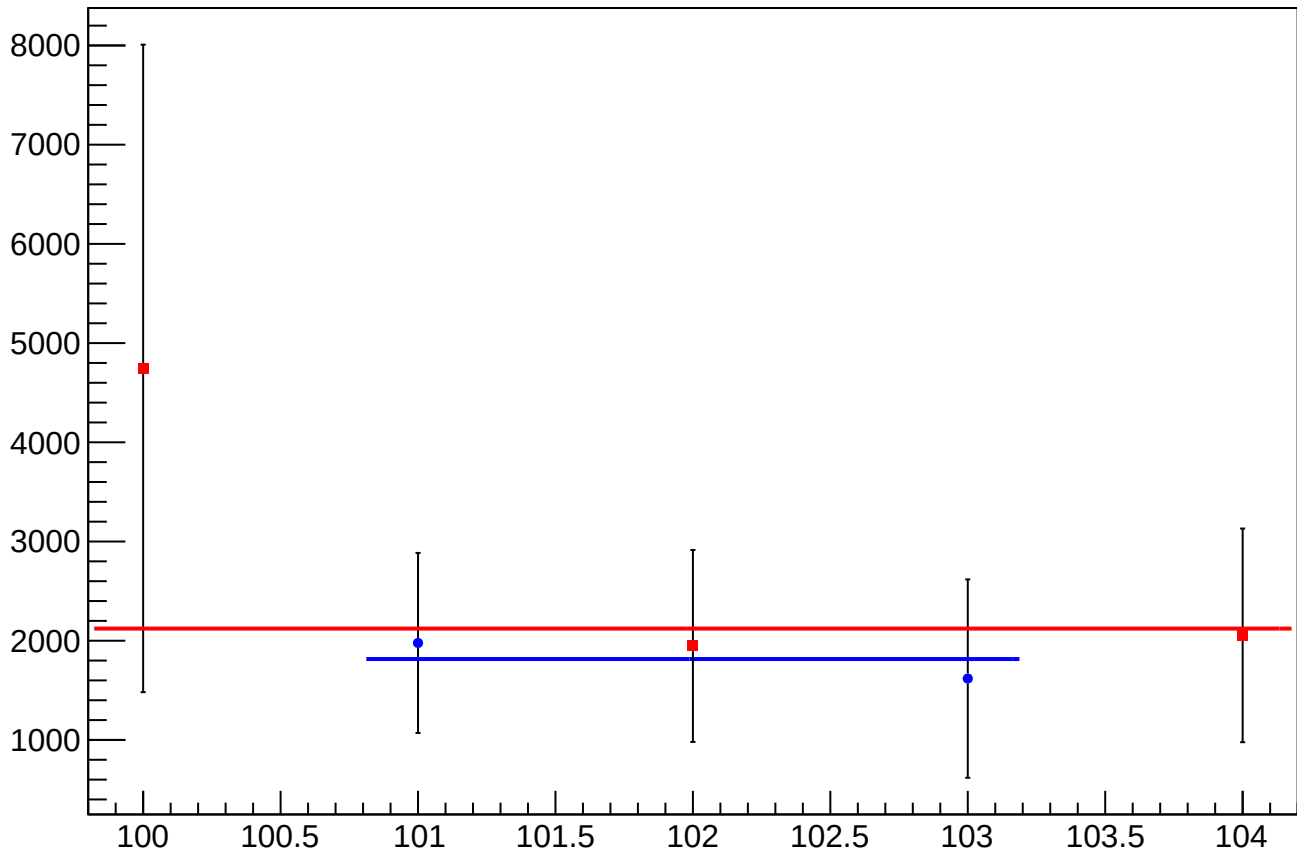
Right: 967.953 ± 0.440 $\chi^2/\text{NDF}: 114692.4/4$

In: 904.943 ± 0.580 $\chi^2/\text{NDF}: 76086.5/1$

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

All: 967.953 ± 0.440 $\chi^2/\text{NDF}: 114692.4/4$

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 1815.357 $\pm$ 671.992 χ^2 /NDF: 0.1/1

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

Right Out: 2122.338 $\pm$ 702.819 χ^2 /NDF: 0.7/2

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

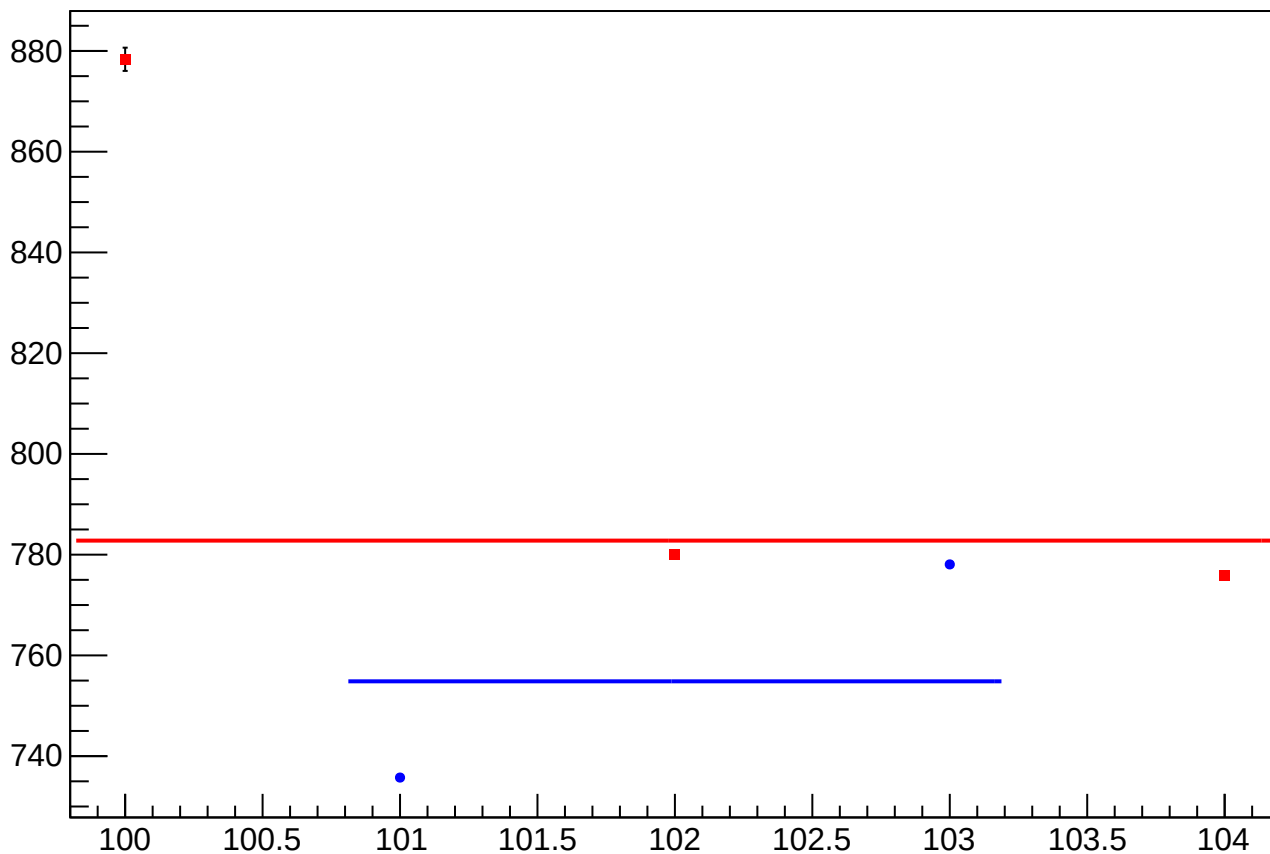
Right: 1961.968 $\pm$ 485.703 χ^2 /NDF: 0.9/4

In: 1815.357 $\pm$ 671.992 χ^2 /NDF: 0.1/1

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

All: 1961.968 $\pm$ 485.703 χ^2 /NDF: 0.9/4

dit_asym_us_avg_rms vs Slug, Sign Corrected



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

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

Right Out: 782.790 $\pm$ 0.497 χ^2 /NDF: 1813.9/2

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

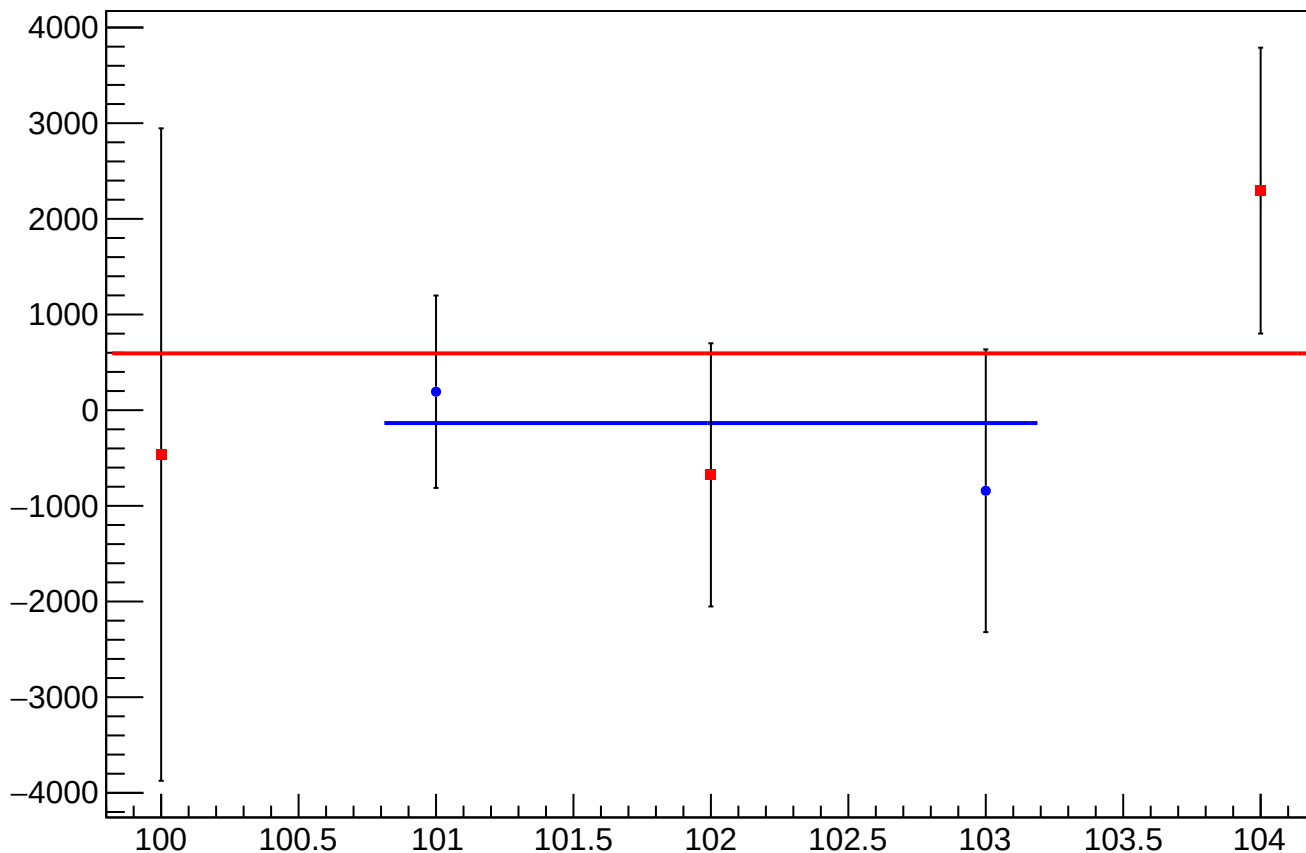
Right: 768.195 $\pm$ 0.343 χ^2 /NDF: 5429.1/4

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

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

All: 768.195 $\pm$ 0.343 χ^2 /NDF: 5429.1/4

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: 593.640+/-970.105 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

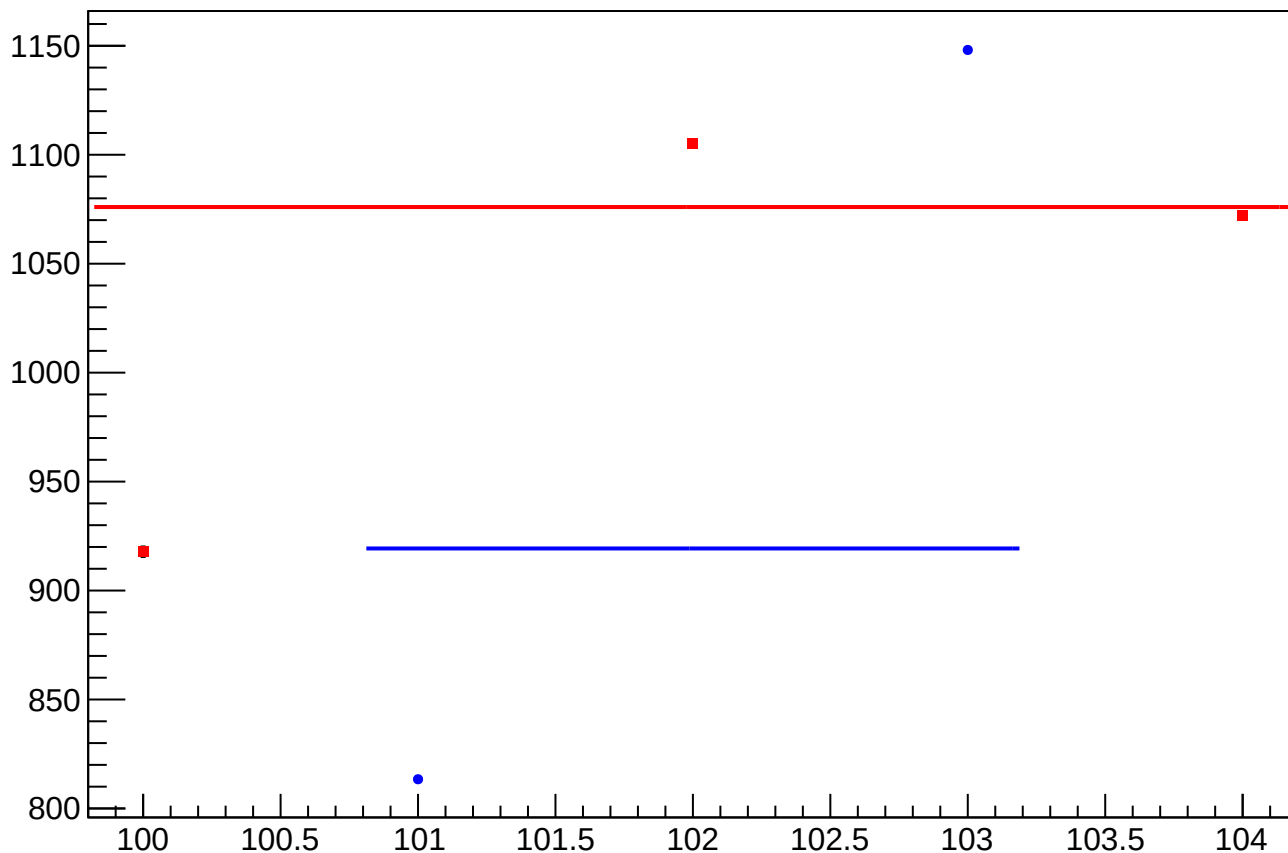
Right: 173.735+/-631.246 χ^2/NDF : 2.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.735+/-631.246 χ^2/NDF : 2.9/4

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.316 $\pm$ 0.588 χ^2 /NDF: 70124.6/1

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

Right Out: 1076.007 $\pm$ 0.686 χ^2 /NDF: 5211.5/2

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

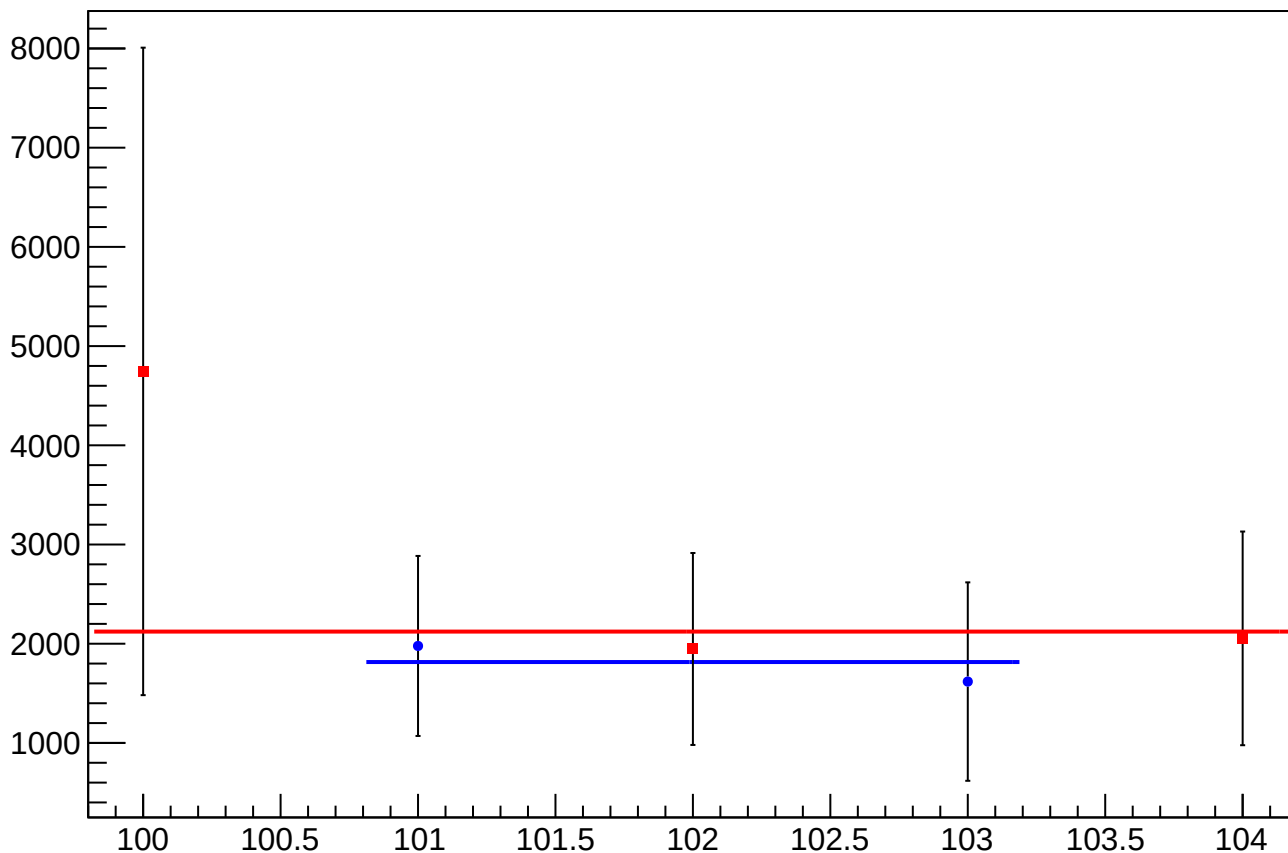
Right: 985.660 $\pm$ 0.446 χ^2 /NDF: 105421.2/4

In: 919.316 $\pm$ 0.588 χ^2 /NDF:70124.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 985.660 $\pm$ 0.446 χ^2 /NDF: 105421.2/4

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: 2122.336+/-702.819 χ^2/NDF : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

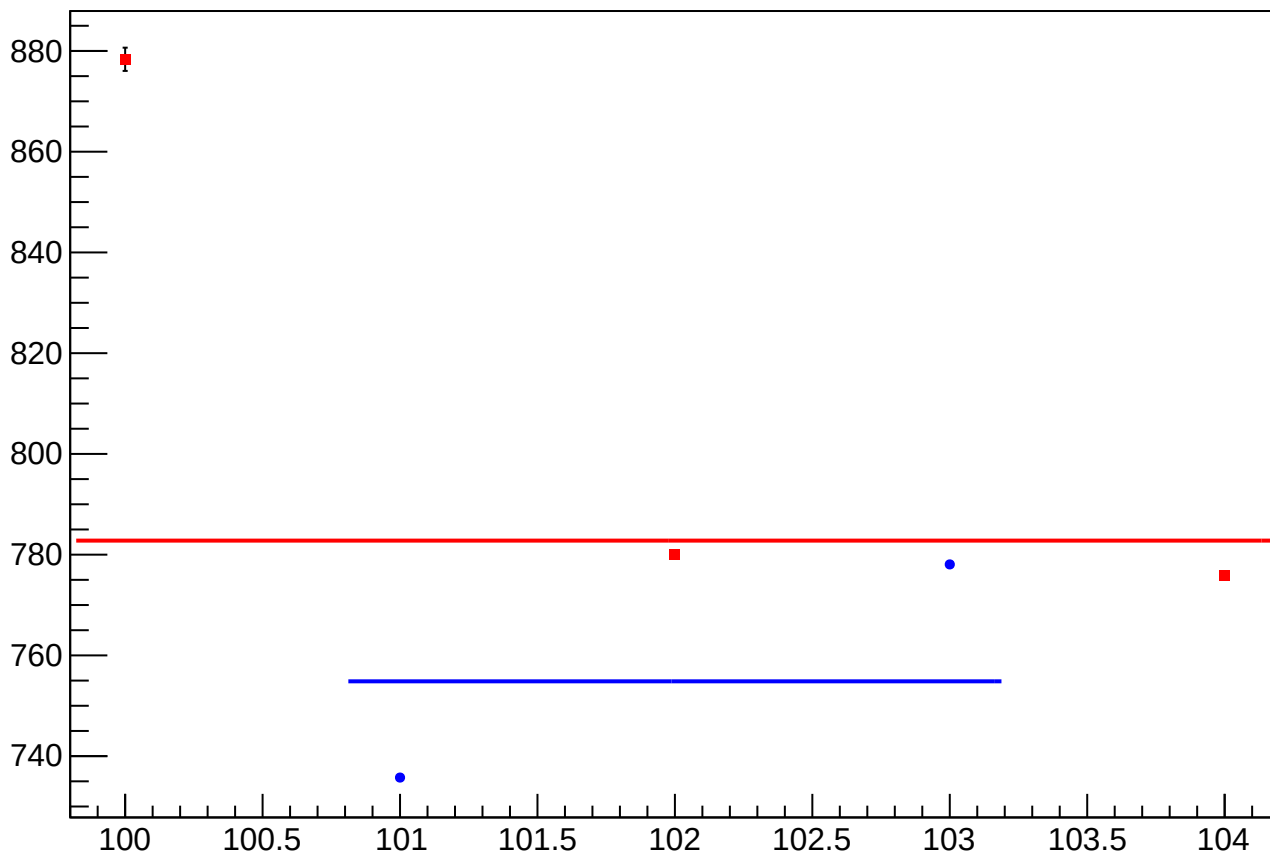
Right: 1961.966+/-485.703 χ^2/NDF : 0.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.966+/-485.703 χ^2/NDF : 0.9/4

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: 782.790+/-0.497 χ^2/NDF : 1813.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

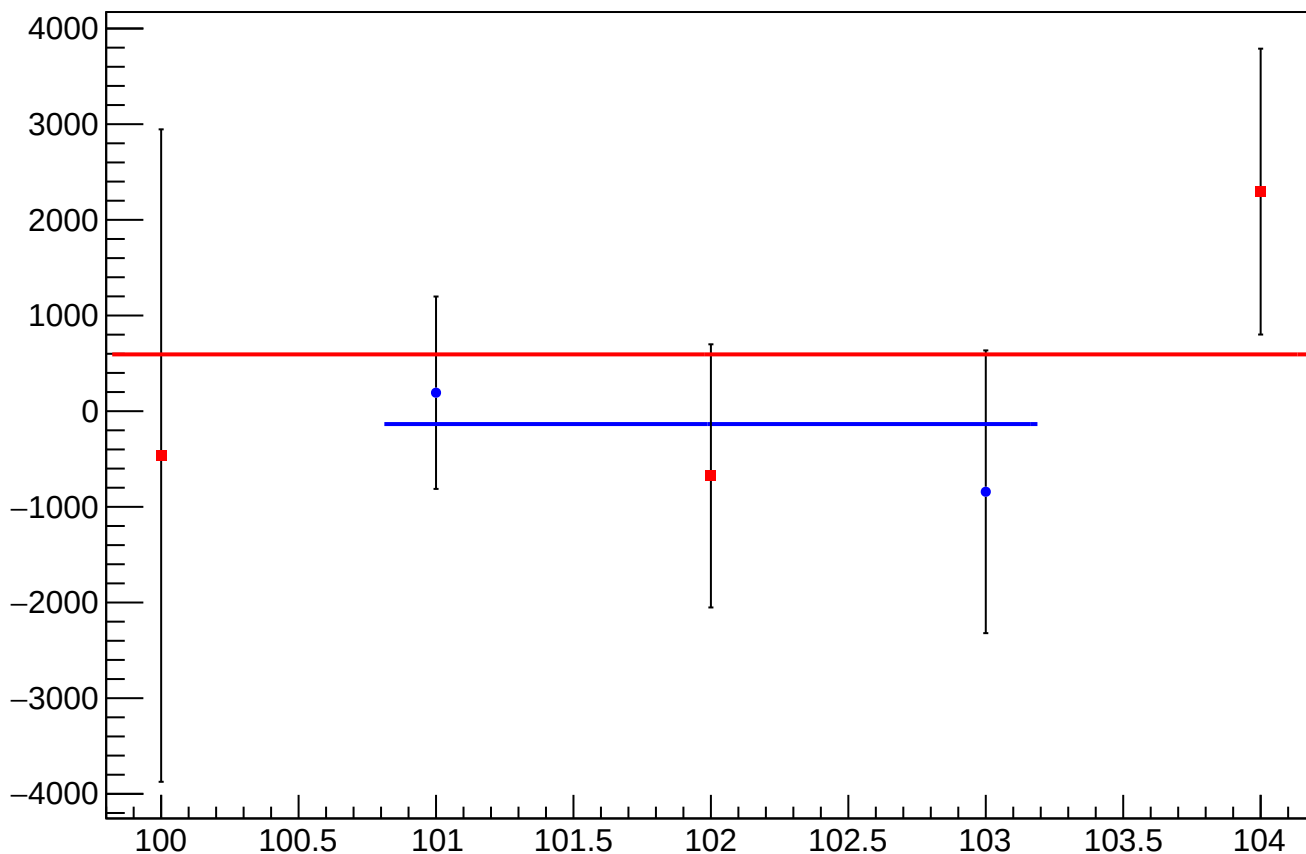
Right: 768.195+/-0.343 χ^2/NDF : 5429.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.195+/-0.343 χ^2/NDF : 5429.1/4

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -134.616 $\pm$ 831.312 χ^2 /NDF: 0.3/1

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

Right Out: 593.638 $\pm$ 970.102 χ^2 /NDF: 2.2/2

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

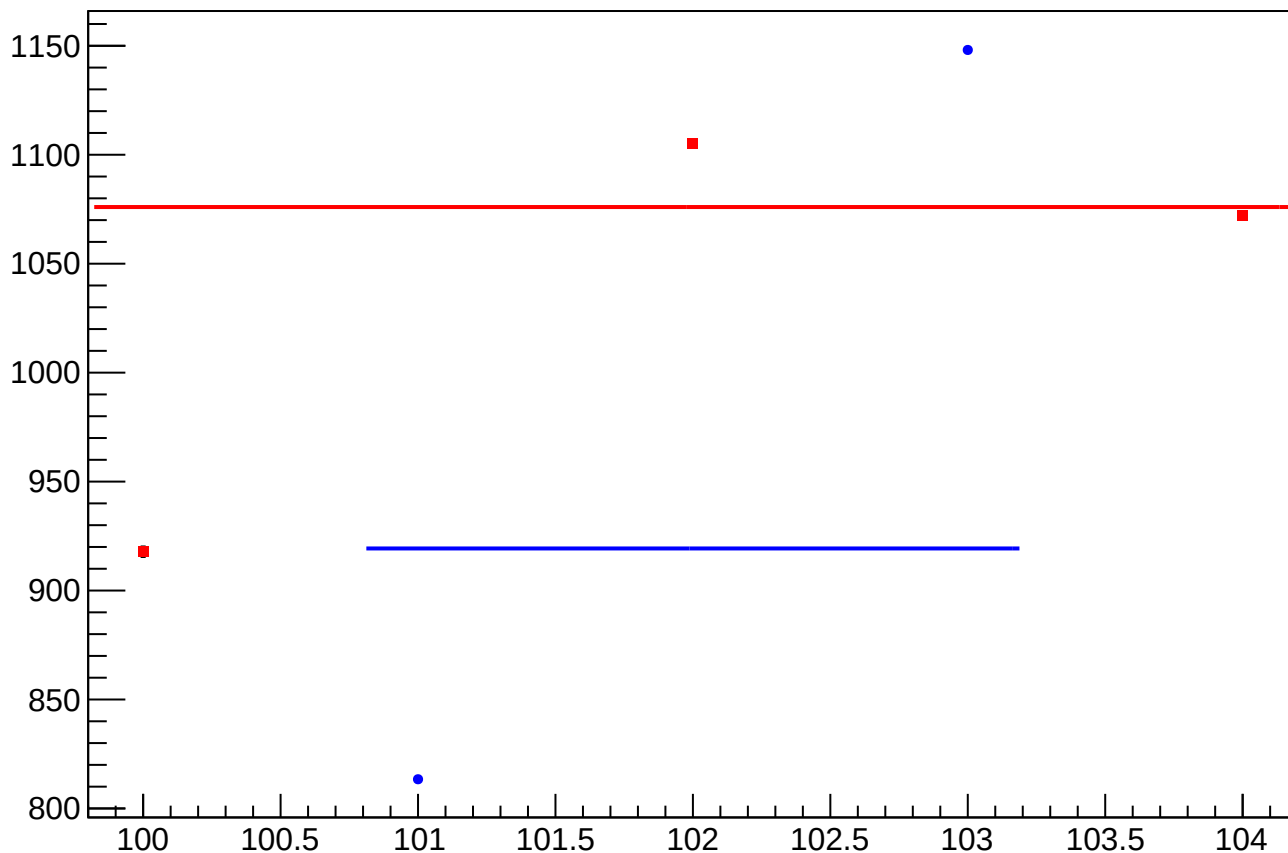
Right: 173.733 $\pm$ 631.245 χ^2 /NDF: 2.9/4

In: -134.616 $\pm$ 831.312 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 173.733 $\pm$ 631.245 χ^2 /NDF: 2.9/4

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.314 $\pm$ 0.588 χ^2 /NDF: 70124.1/1

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

Right Out: 1076.005 $\pm$ 0.686 χ^2 /NDF: 5211.4/2

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

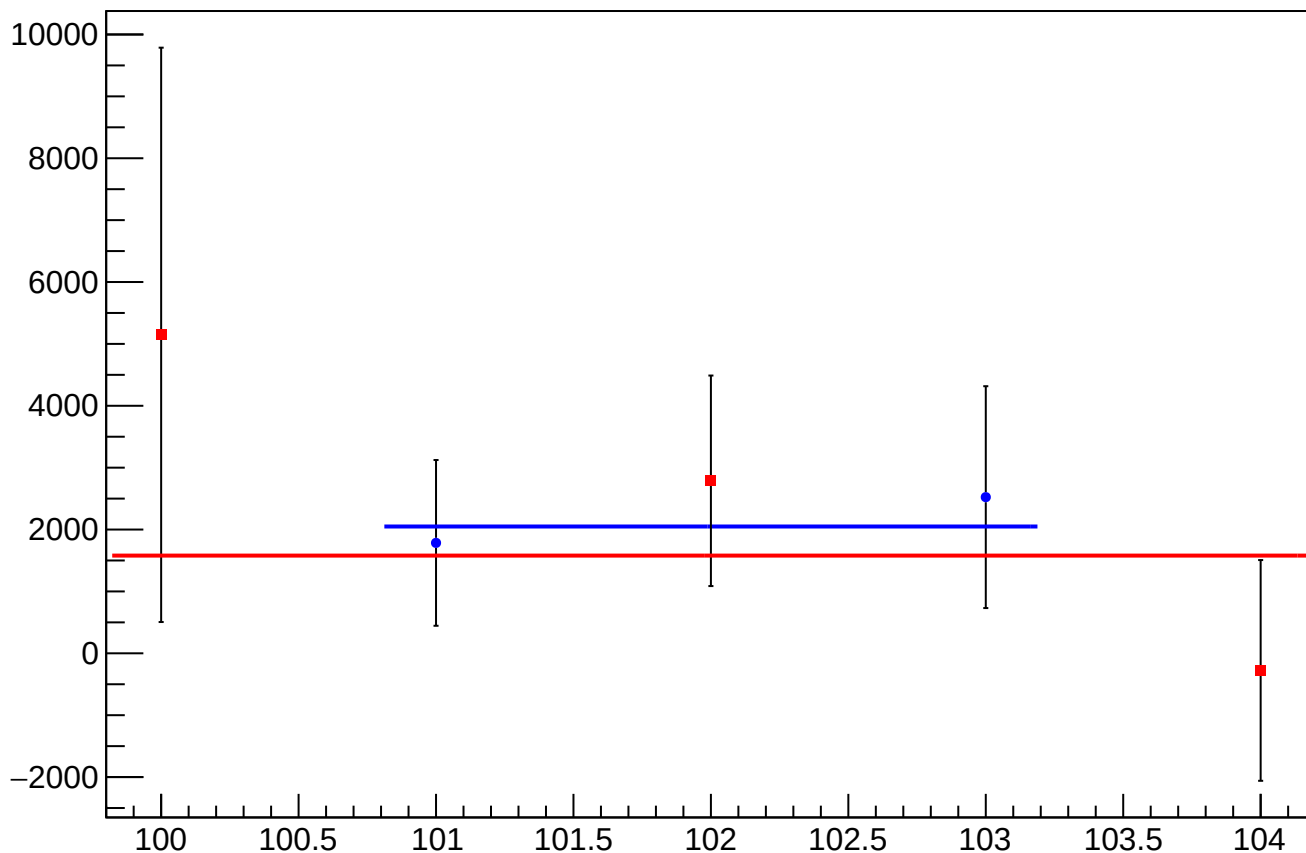
Right: 985.659 $\pm$ 0.446 χ^2 /NDF: 105420.3/4

In: 919.314 $\pm$ 0.588 χ^2 /NDF:70124.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 985.659 $\pm$ 0.446 χ^2 /NDF: 105420.3/4

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: 1579.091+/-1189.795 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

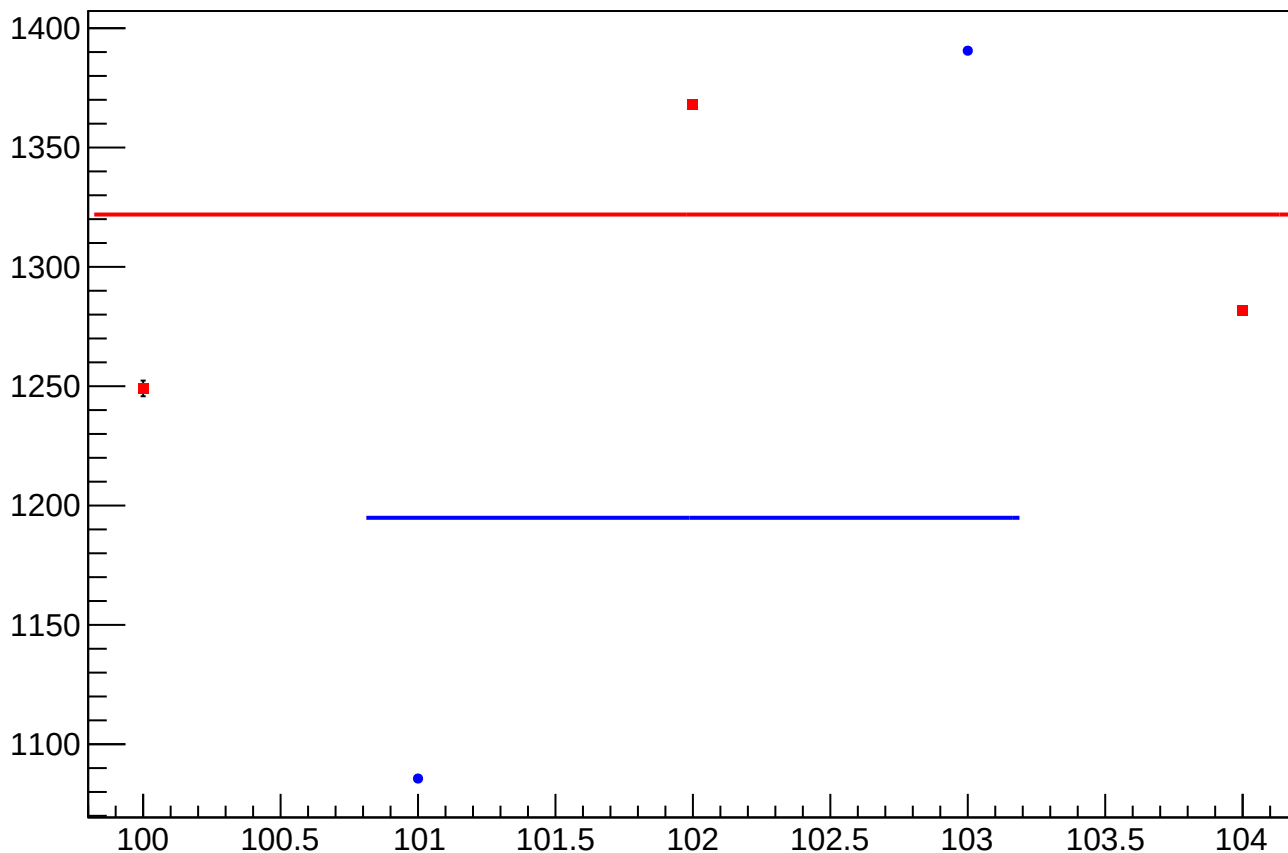
Right: 1838.351+/-796.782 χ^2/NDF : 2.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.351+/-796.782 χ^2/NDF : 2.4/4

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: 1321.934+/-0.841 χ^2/NDF : 2975.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

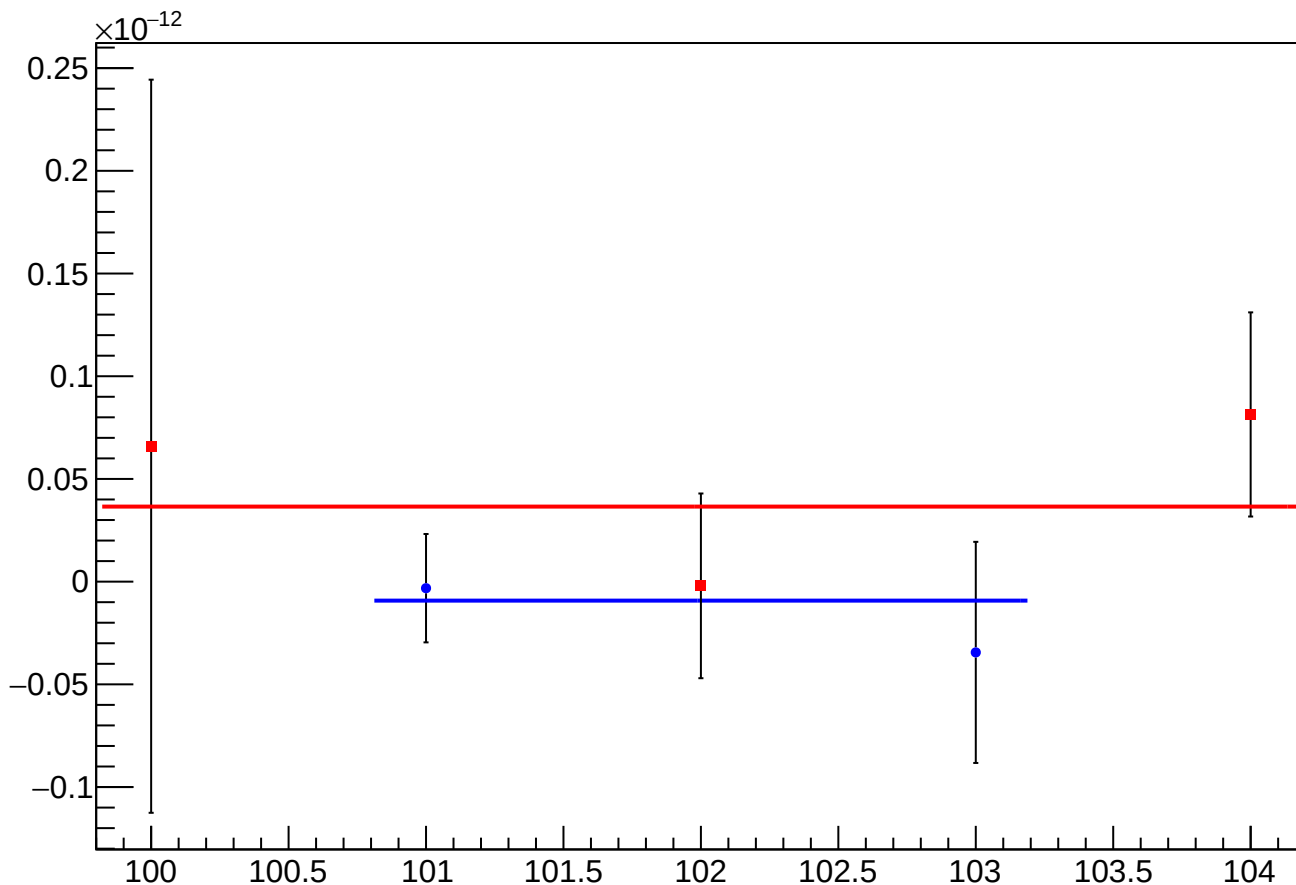
Right: 1251.855+/-0.563 χ^2/NDF : 52703.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1251.855+/-0.563 χ^2/NDF : 52703.1/4

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 : 1.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

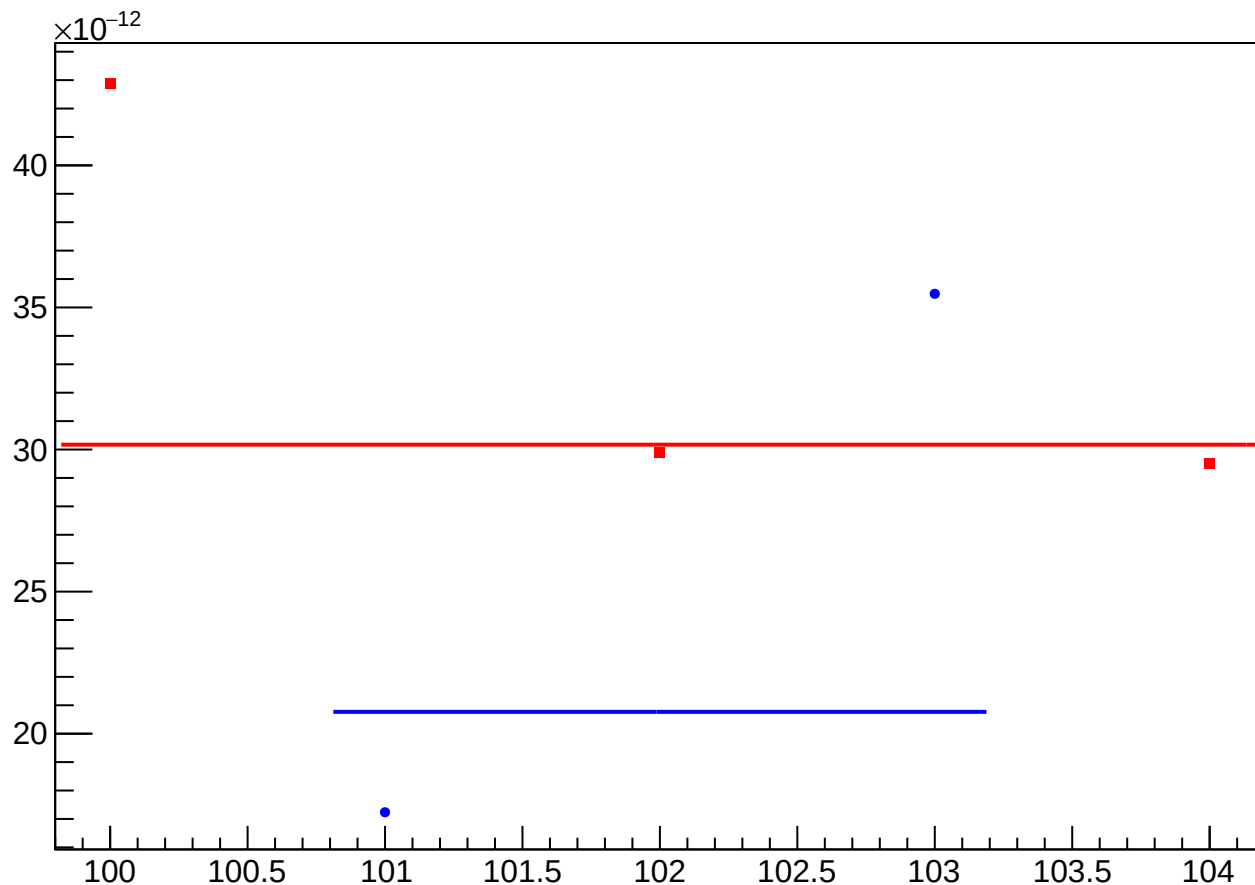
Right: 0.000+/-0.000 χ^2/NDF : 3.1/4

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 : 3.1/4

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 : 10583.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

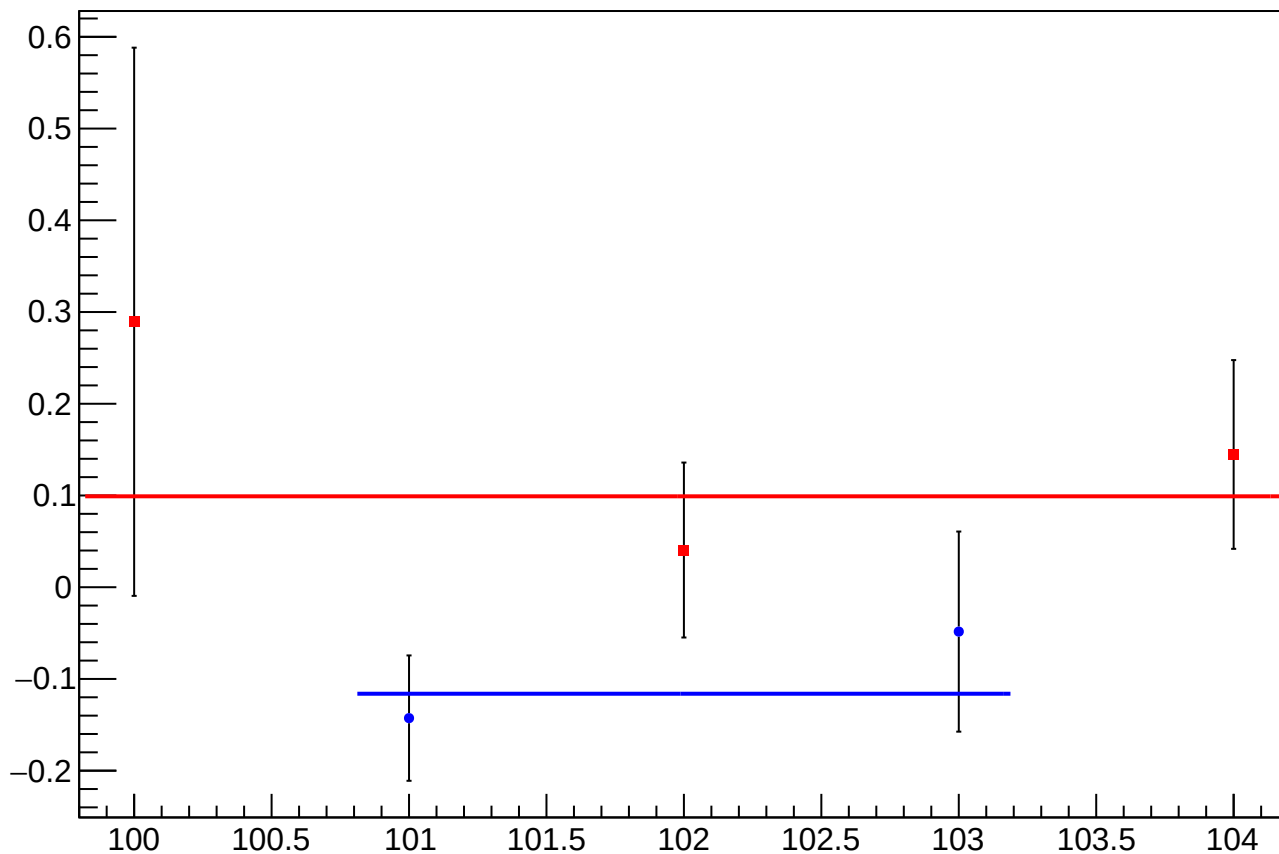
Right: 0.000+/-0.000 χ^2/NDF : 304050.3/4

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 : 304050.3/4

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.099 $\pm$ 0.068 χ^2 /NDF: 1.0/2

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

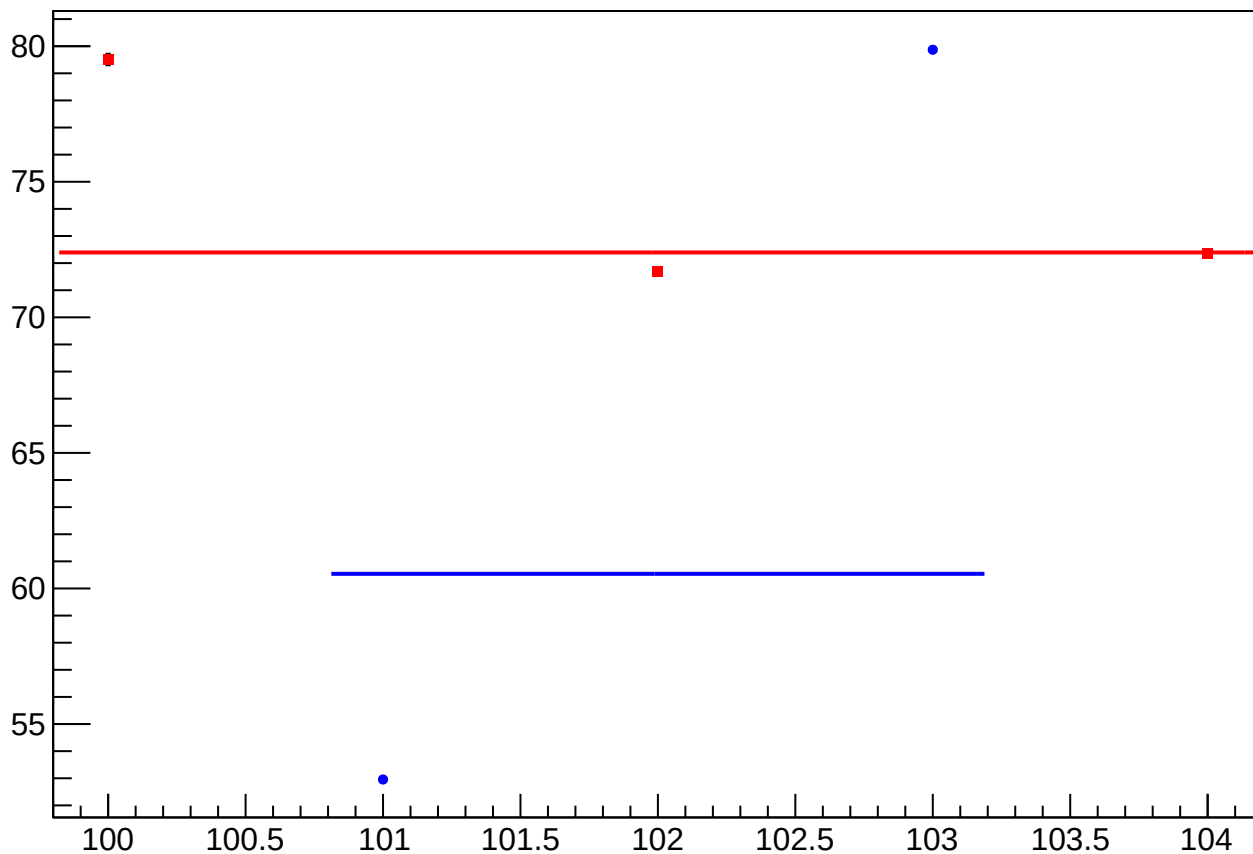
Right: -0.026 $\pm$ 0.044 χ^2 /NDF: 7.3/4

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.044 χ^2 /NDF: 7.3/4

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: 72.393 $\pm$ 0.048 χ^2 /NDF: 1240.1/2

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

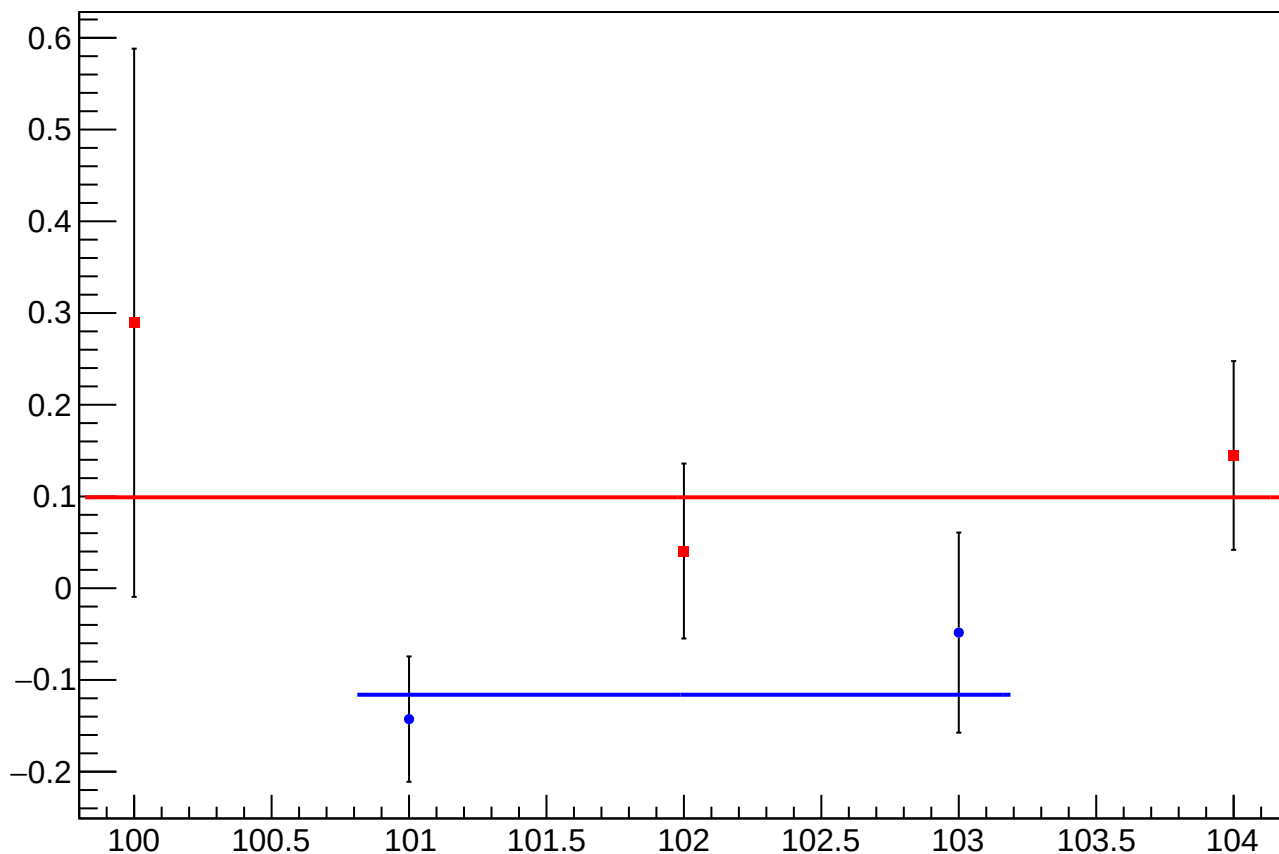
Right: 65.514 $\pm$ 0.031 χ^2 /NDF: 123847.2/4

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: 65.514 $\pm$ 0.031 χ^2 /NDF: 123847.2/4

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: 0.099+/-0.068 χ^2/NDF : 1.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

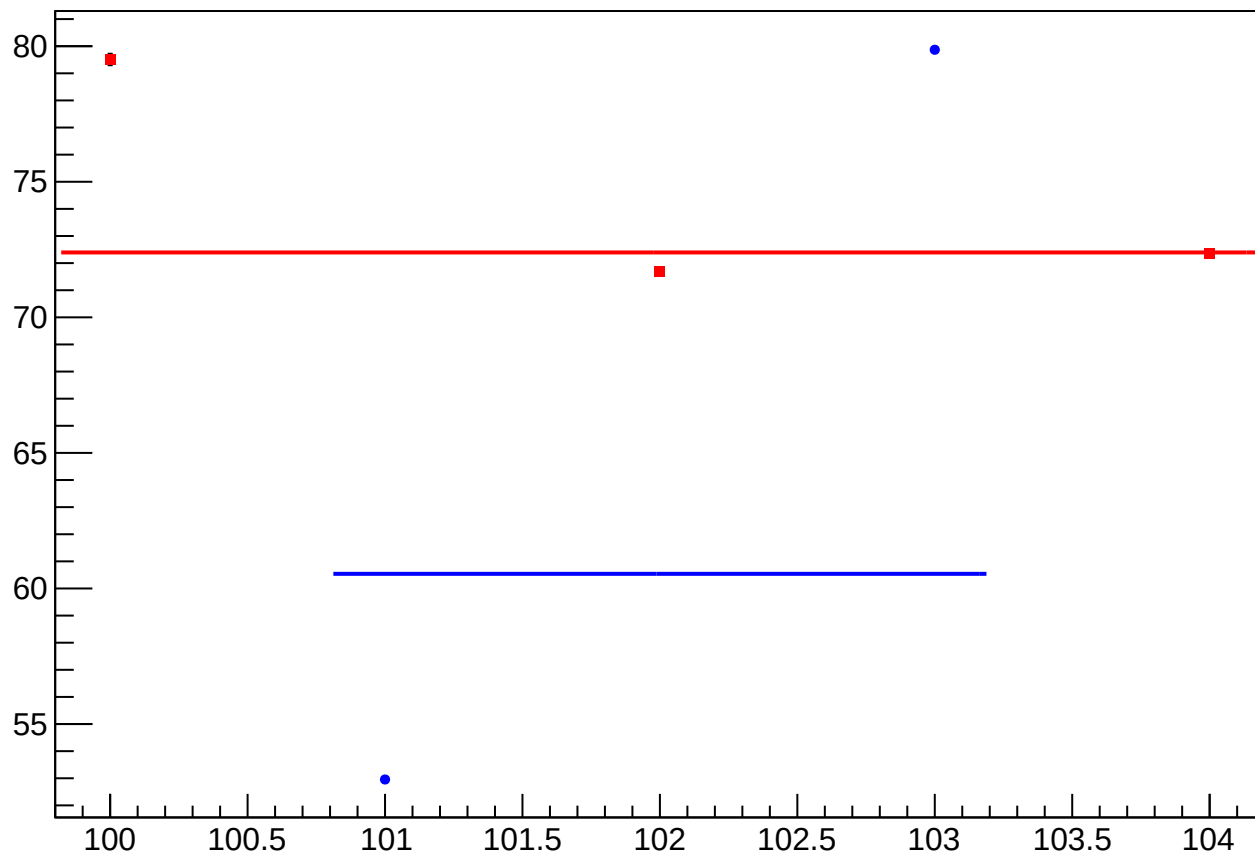
Right: -0.026+/-0.044 χ^2/NDF : 7.3/4

In: -0.116+/-0.058 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.044 χ^2/NDF : 7.3/4

asym_us_avg_dit_vs_eigen_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: 72.393 $\pm$ 0.048 χ^2 /NDF: 1240.1/2

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

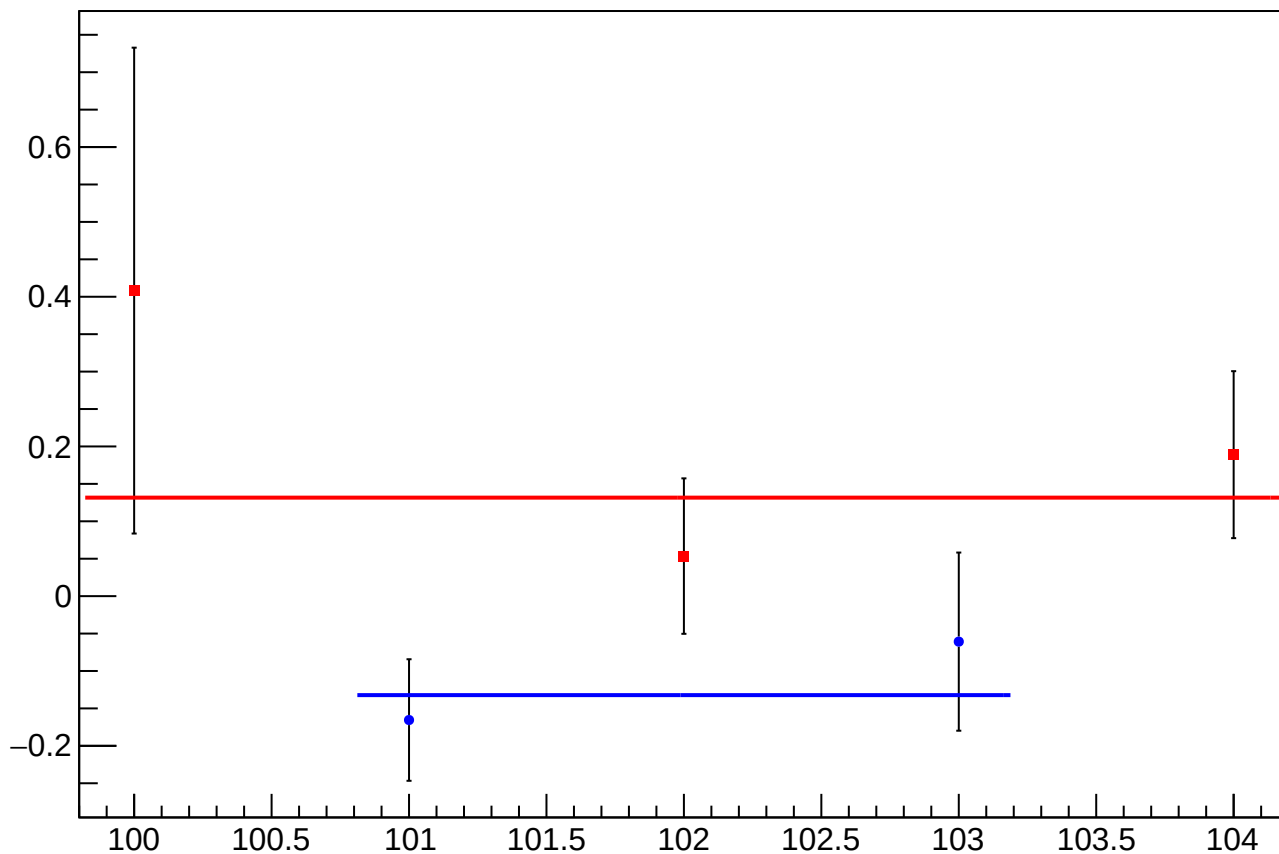
Right: 65.514 $\pm$ 0.031 χ^2 /NDF: 123847.2/4

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: 65.514 $\pm$ 0.031 χ^2 /NDF: 123847.2/4

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.132 ± 0.074 χ^2/NDF : 1.6/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

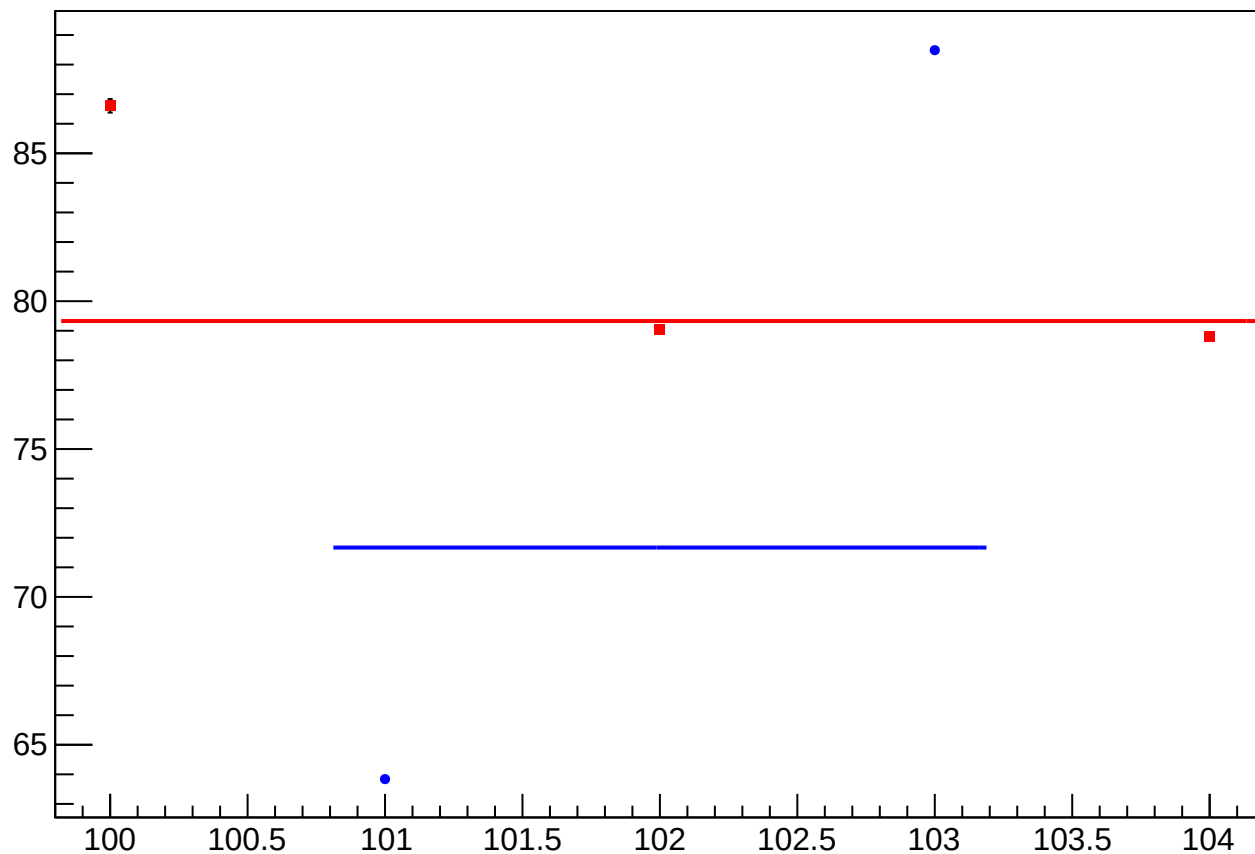
Right: -0.013 ± 0.050 χ^2/NDF : 9.1/4

In: -0.132 ± 0.067 χ^2/NDF : 0.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.050 χ^2/NDF : 9.1/4

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: 79.329+/-0.052 χ^2/NDF : 1064.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

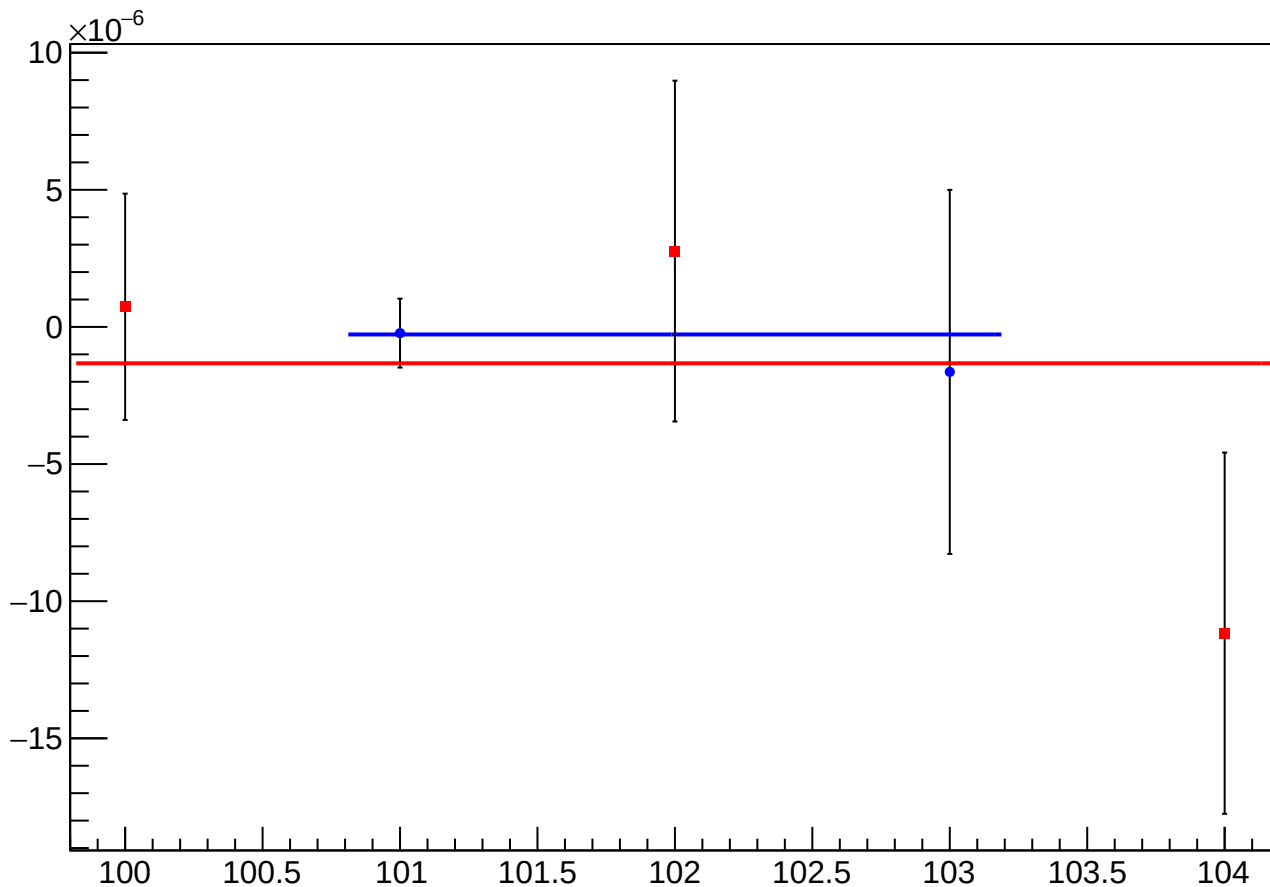
Right: 75.124+/-0.035 χ^2/NDF : 71360.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.124+/-0.035 χ^2/NDF : 71360.6/4

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 : 2.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

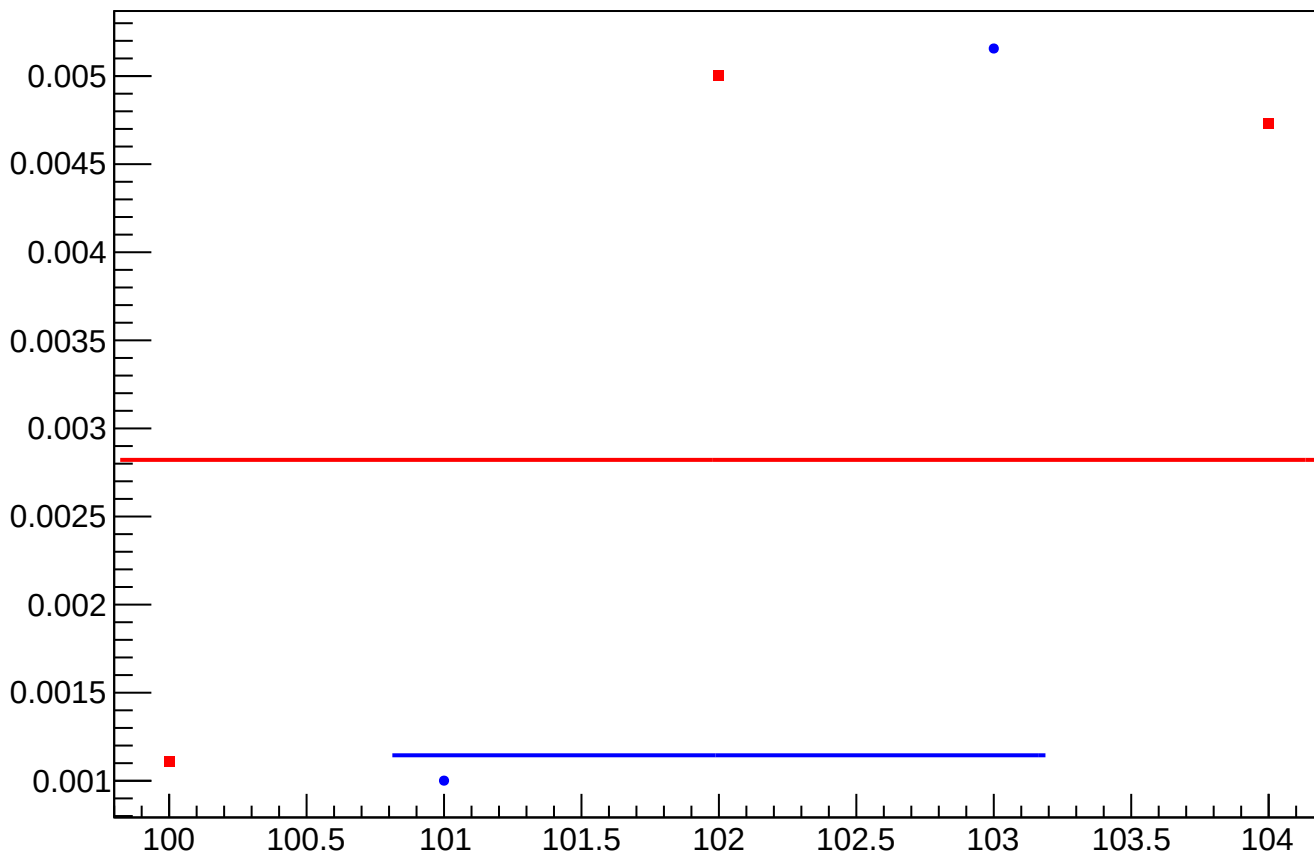
Right: -0.000+/-0.000 χ^2/NDF : 3.1/4

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 : 3.1/4

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 : 758173.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

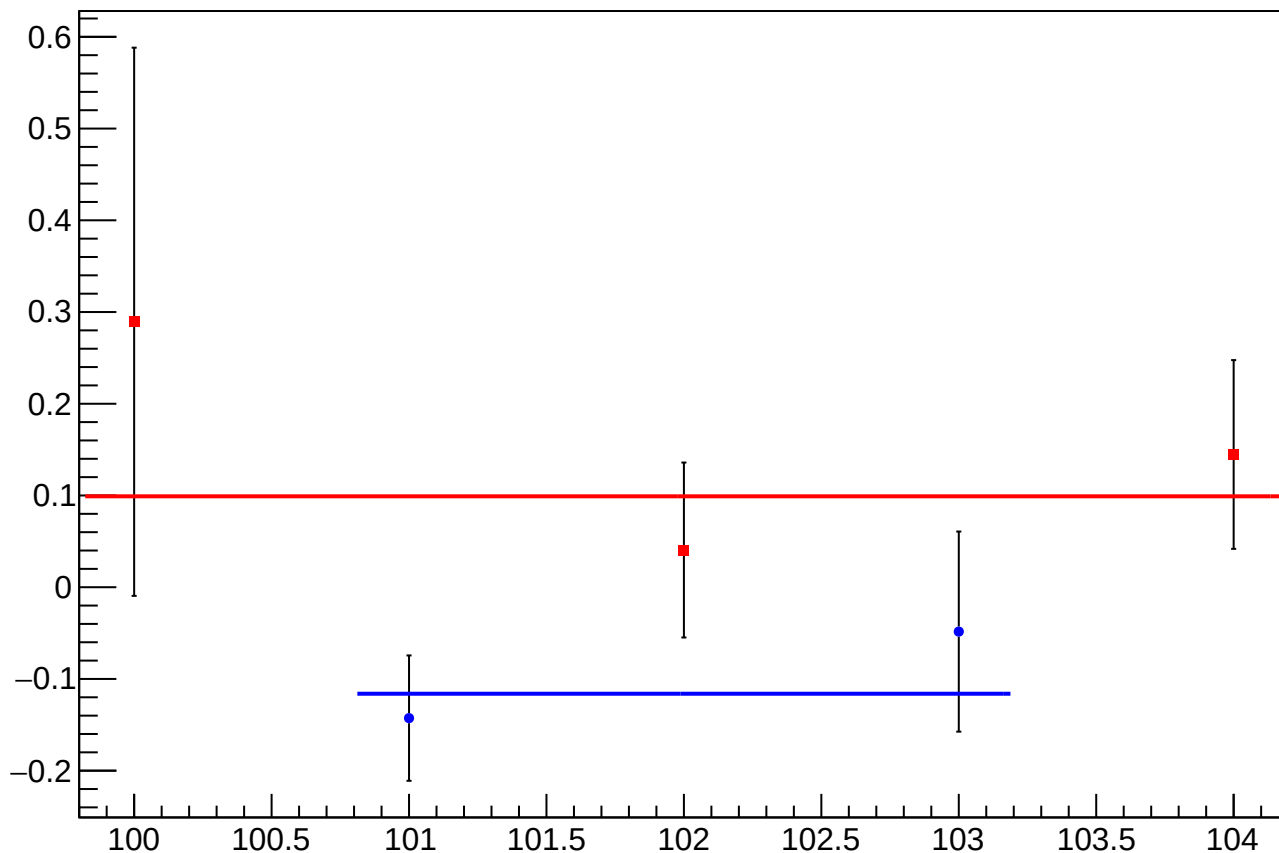
Right: 0.001+/-0.000 χ^2/NDF : 2035142.6/4

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 : 2035142.6/4

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.099 $\pm$ 0.068 χ^2 /NDF: 1.0/2

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

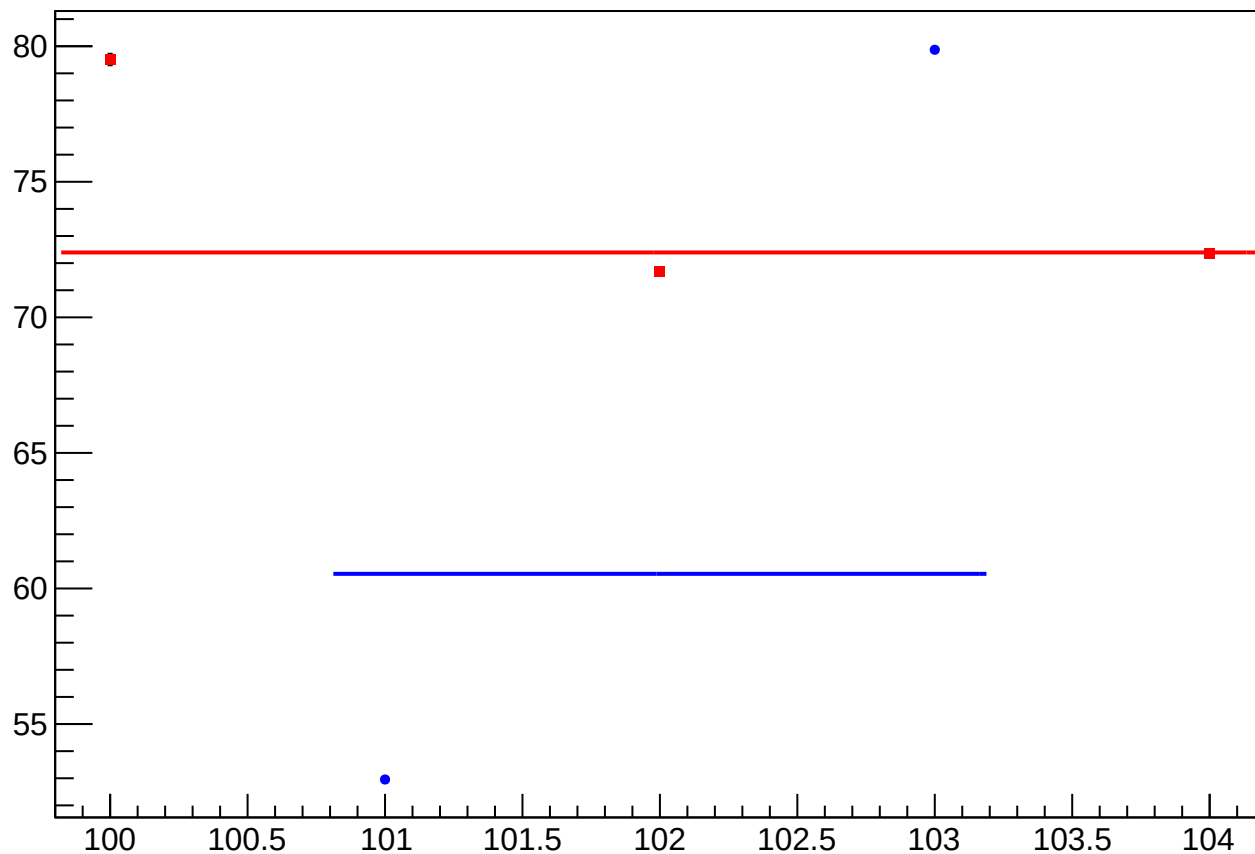
Right: -0.026 $\pm$ 0.044 χ^2 /NDF: 7.3/4

In: -0.116 $\pm$ 0.058 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.044 χ^2 /NDF: 7.3/4

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540 $\pm$ 0.041 χ^2 /NDF: 87446.2/1

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

Right Out: 72.394 $\pm$ 0.048 χ^2 /NDF: 1239.6/2

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

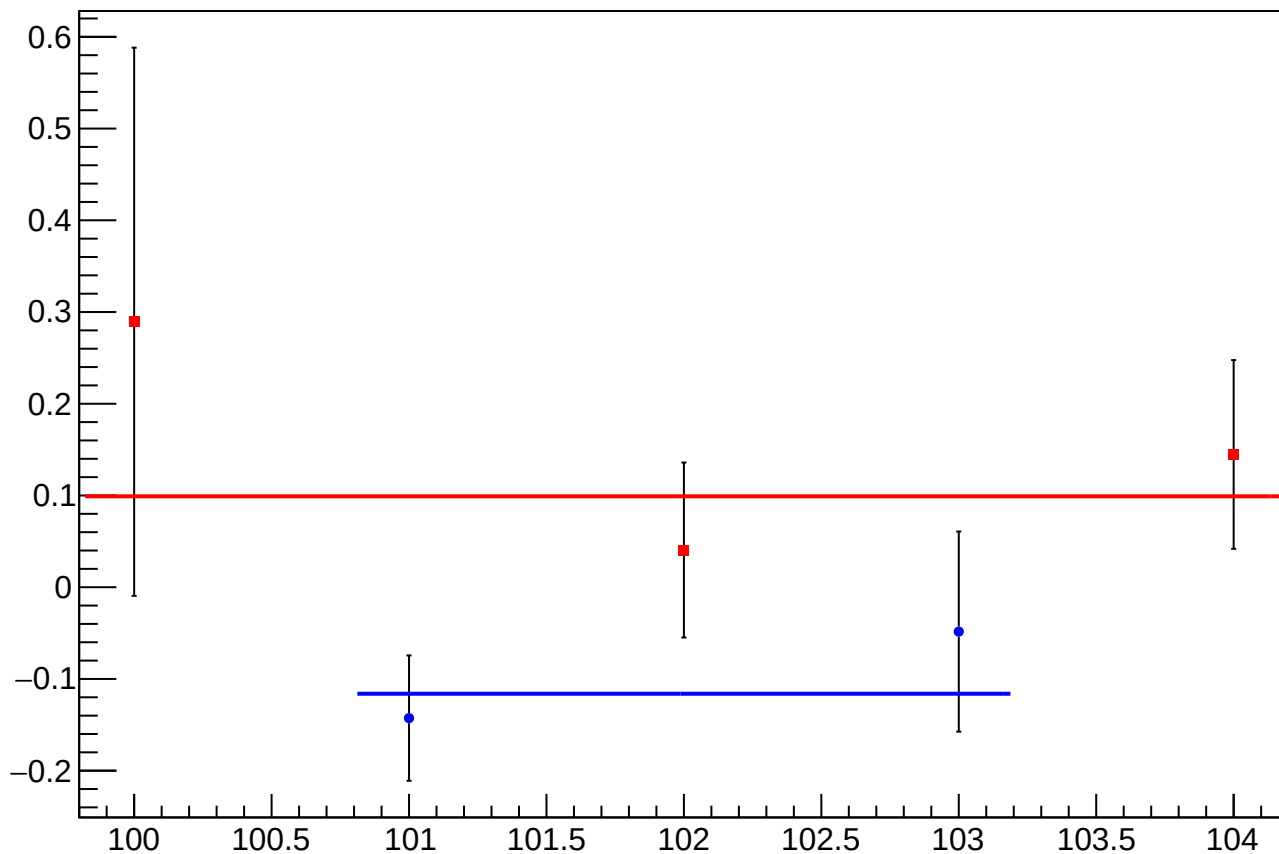
Right: 65.514 $\pm$ 0.031 χ^2 /NDF: 123852.6/4

In: 60.540 $\pm$ 0.041 χ^2 /NDF:87446.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.514 $\pm$ 0.031 χ^2 /NDF: 123852.6/4

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: 0.099+/-0.068 χ^2/NDF : 1.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

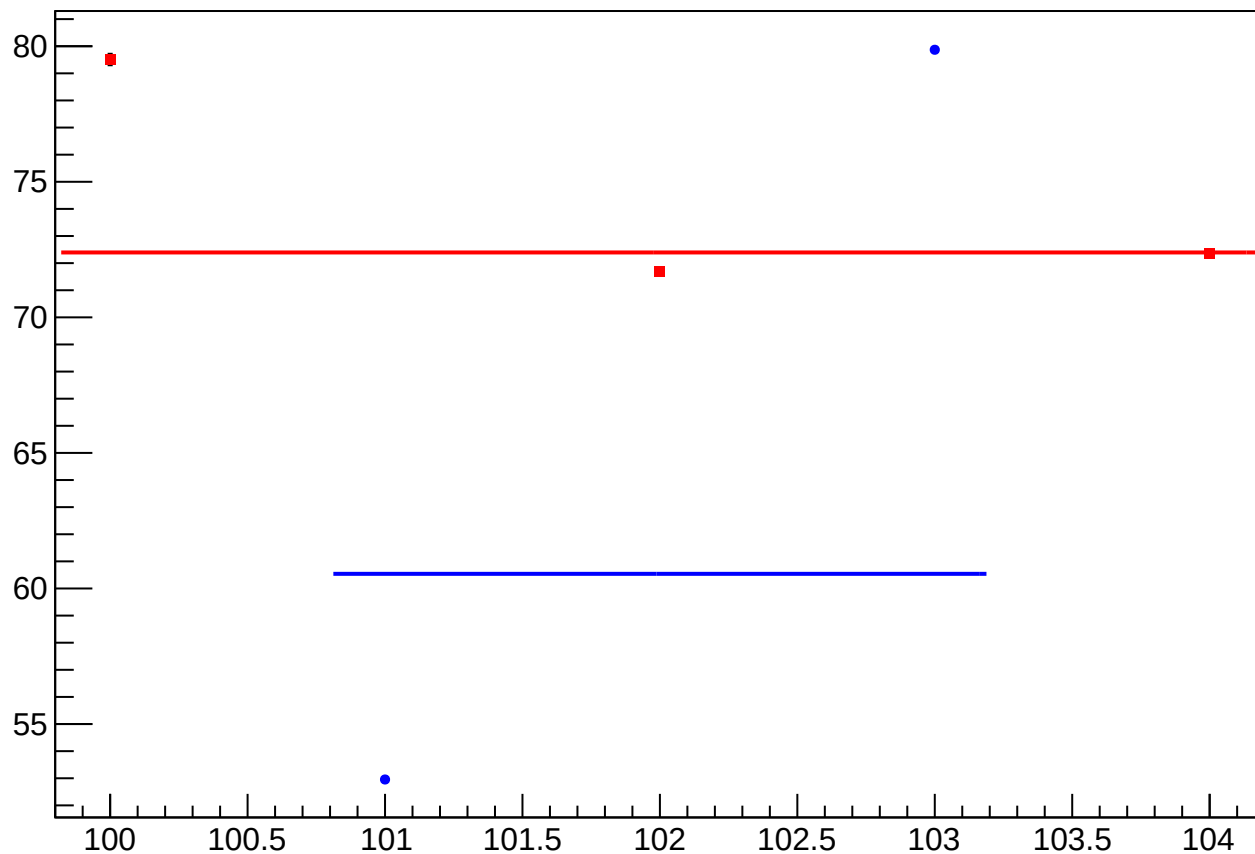
Right: -0.026+/-0.044 χ^2/NDF : 7.3/4

In: -0.116+/-0.058 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.026+/-0.044 χ^2/NDF : 7.3/4

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.540 $\pm$ 0.041 χ^2 /NDF: 87446.2/1

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

Right Out: 72.394 $\pm$ 0.048 χ^2 /NDF: 1239.6/2

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

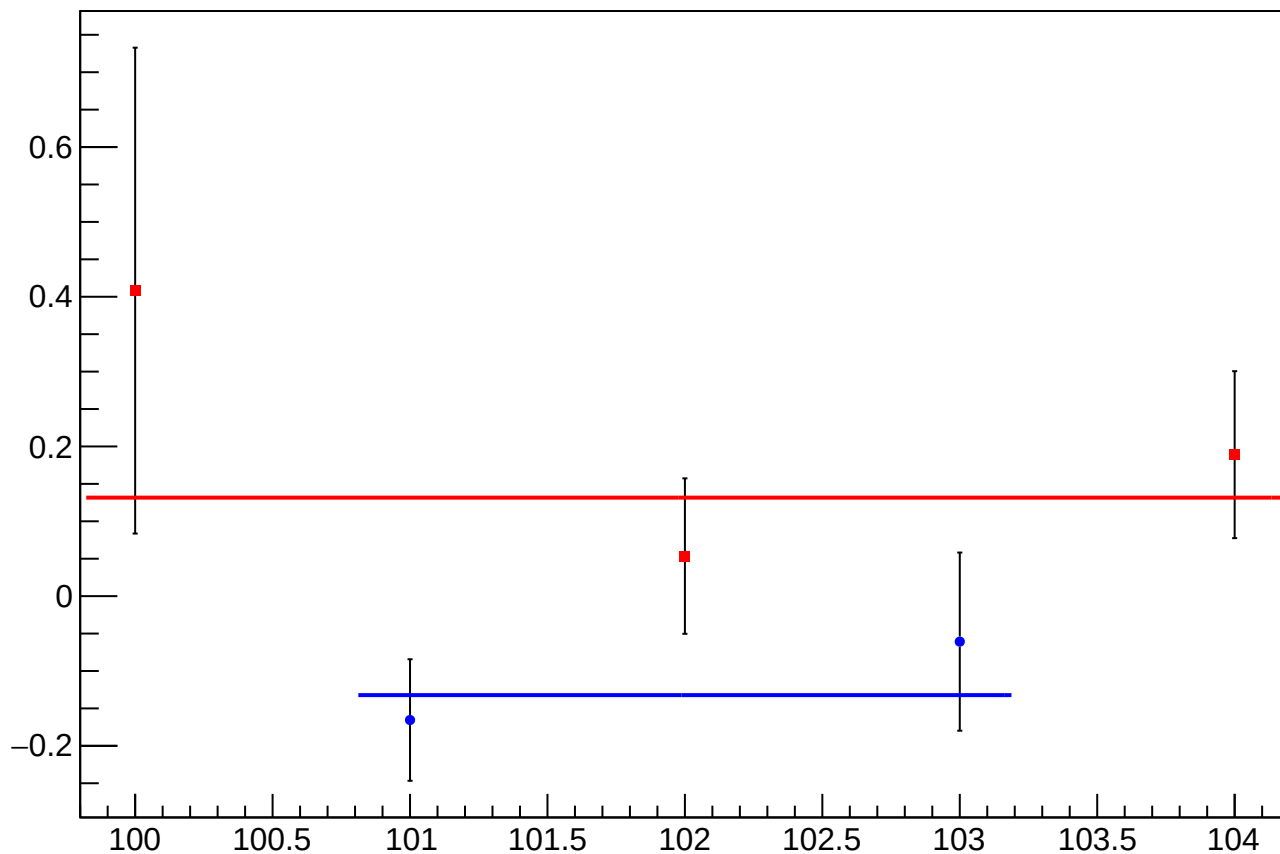
Right: 65.514 $\pm$ 0.031 χ^2 /NDF: 123852.6/4

In: 60.540 $\pm$ 0.041 χ^2 /NDF:87446.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.514 $\pm$ 0.031 χ^2 /NDF: 123852.6/4

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: 0.132 $\pm$ 0.074 χ^2 /NDF: 1.6/2

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

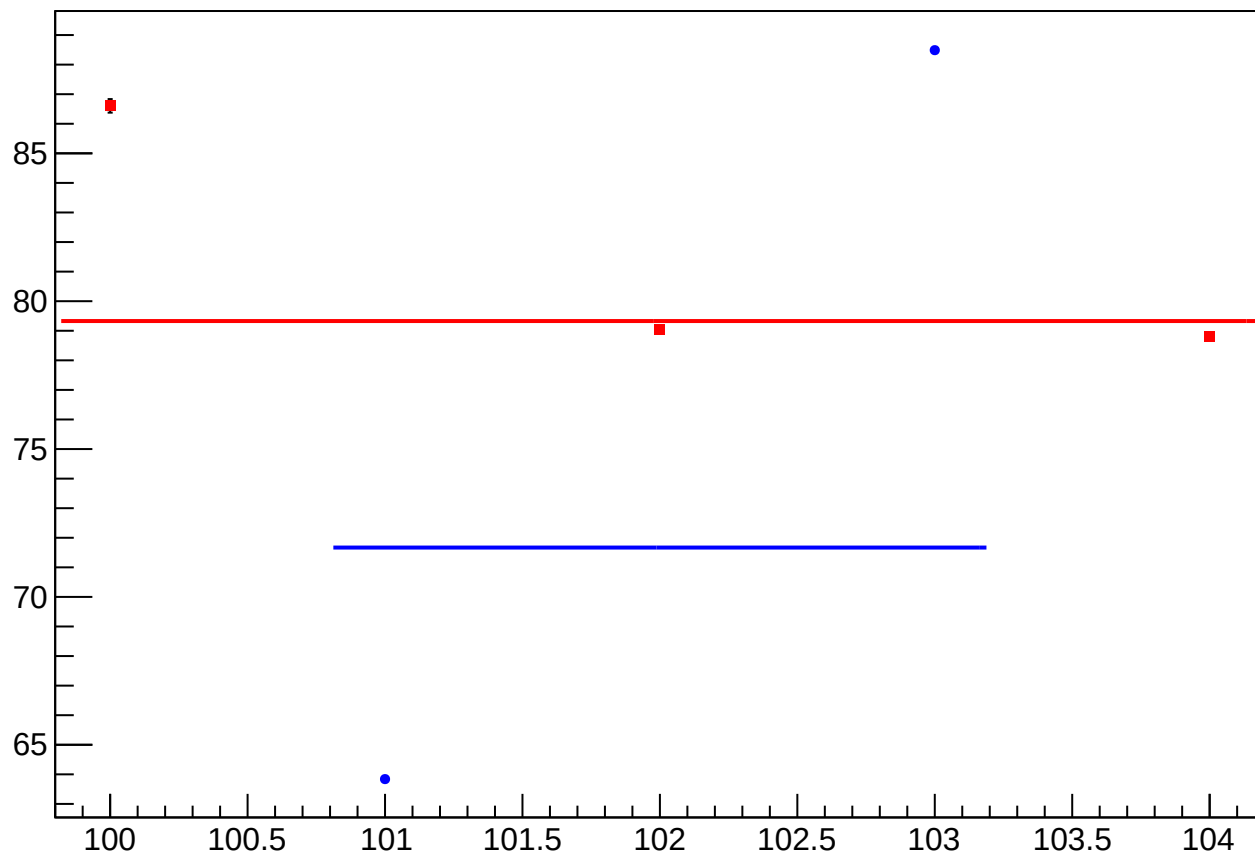
Right: -0.013 $\pm$ 0.050 χ^2 /NDF: 9.1/4

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: -0.013 $\pm$ 0.050 χ^2 /NDF: 9.1/4

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: 79.329+/-0.052 χ^2/NDF : 1065.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

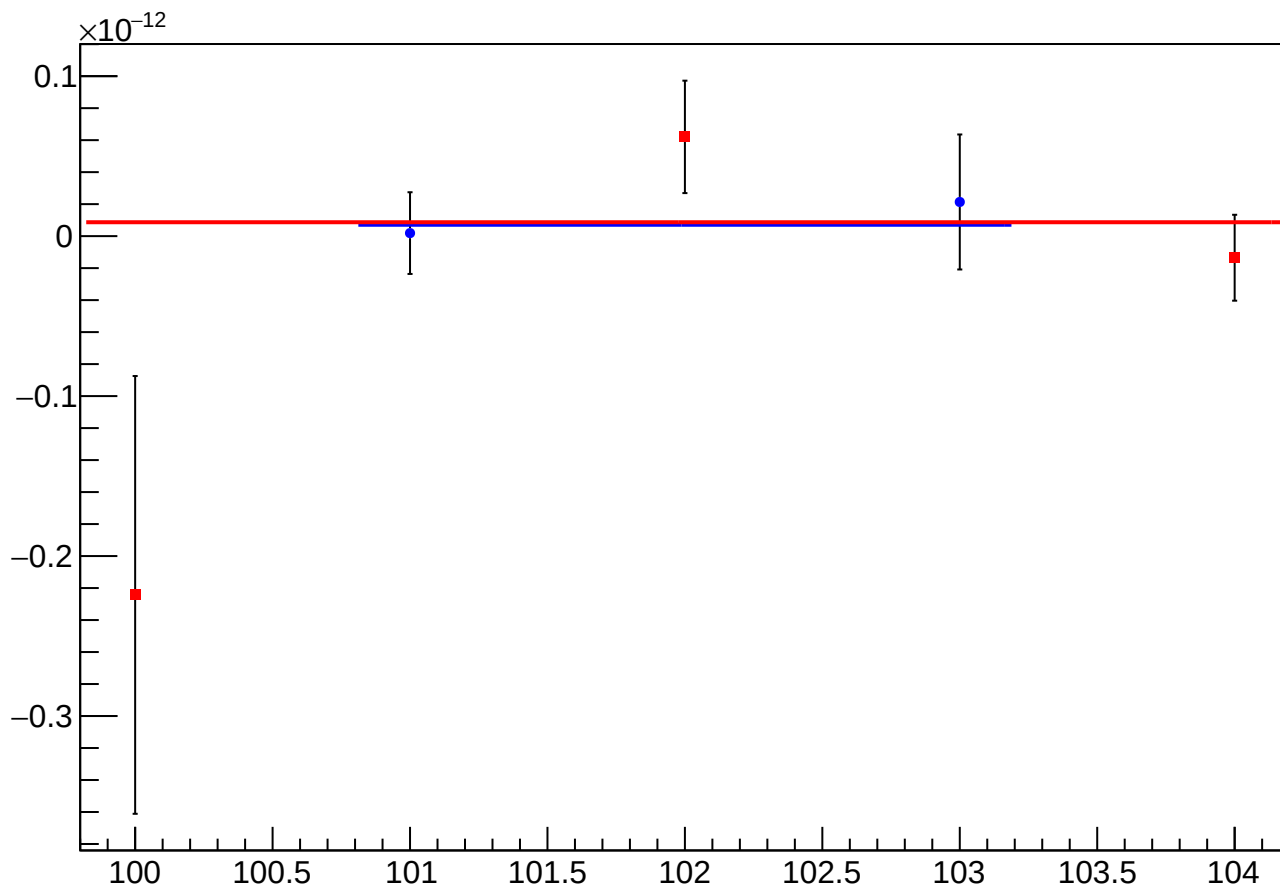
Right: 75.124+/-0.035 χ^2/NDF : 71363.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.124+/-0.035 χ^2/NDF : 71363.6/4

asym_us_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: 5.9/2

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

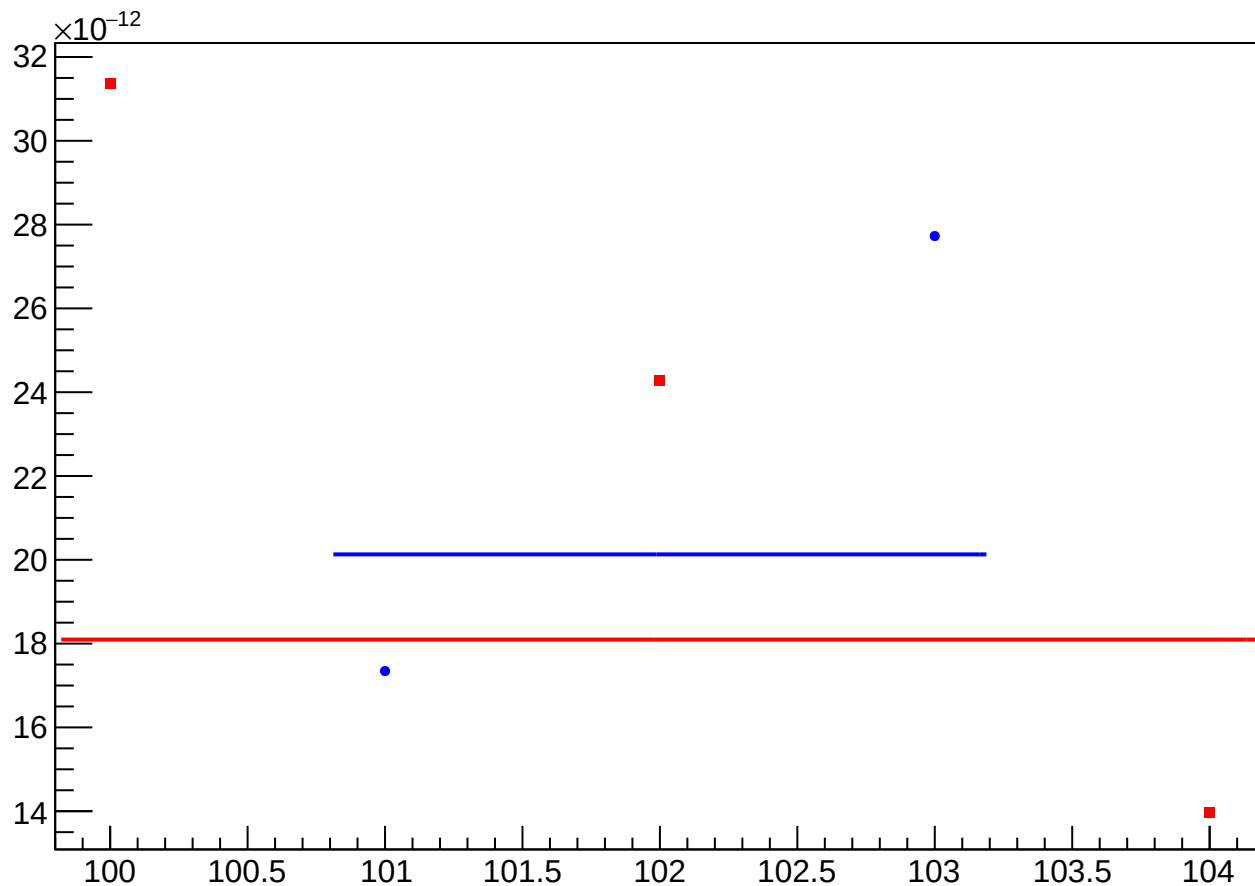
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/4

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: 6.0/4

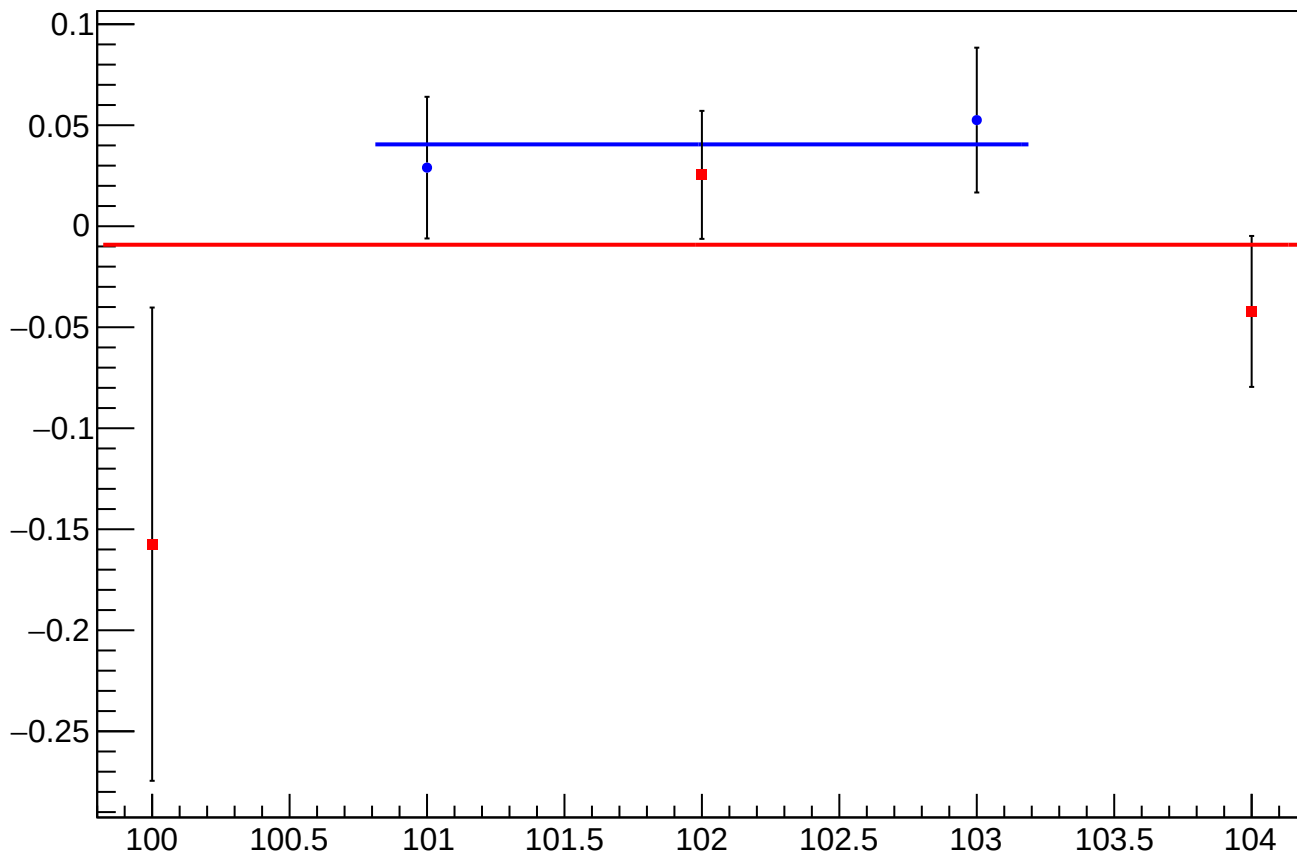
asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 127496.7/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 225051.4/4
 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 : 225051.4/4

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.009+/-0.024 χ^2/NDF : 3.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

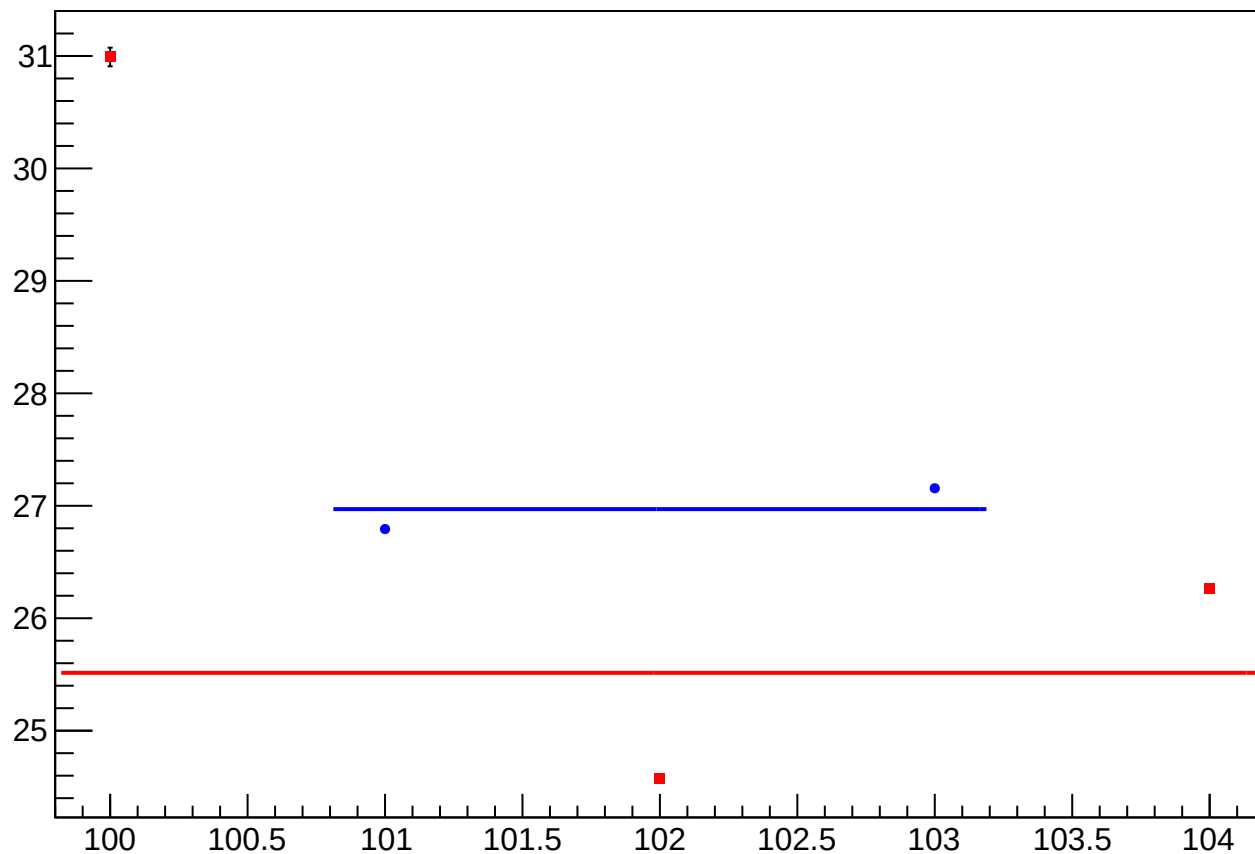
Right: 0.014+/-0.017 χ^2/NDF : 5.9/4

In: 0.041+/-0.025 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.017 χ^2/NDF : 5.9/4

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 25.515+/-0.017 χ^2/NDF : 6924.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

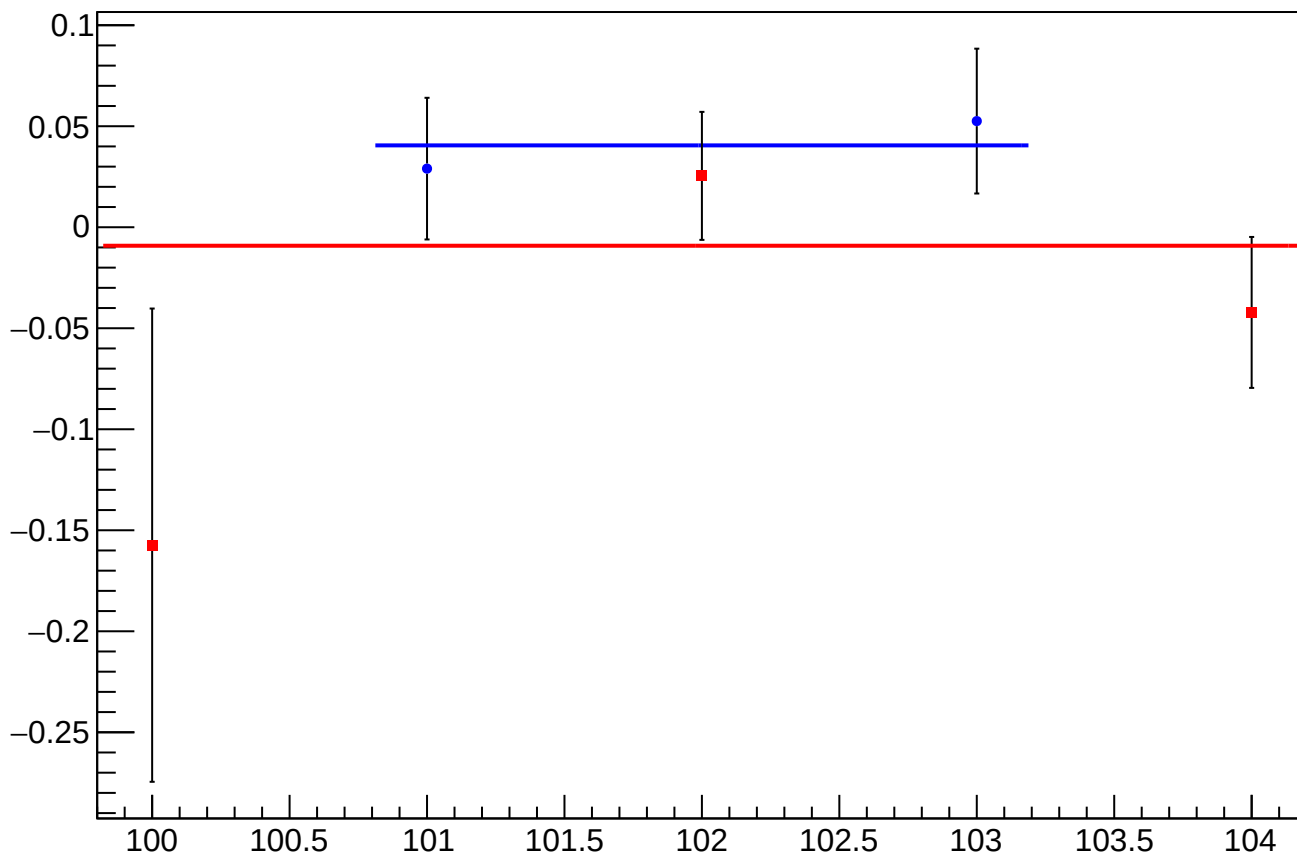
Right: 26.201+/-0.012 χ^2/NDF : 10596.1/4

In: 26.970+/-0.018 χ^2/NDF : 104.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.201+/-0.012 χ^2/NDF : 10596.1/4

asym_us_avg_overload_cor_vs_eigen_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: -0.009 $\pm$ 0.024 χ^2 /NDF: 3.6/2

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

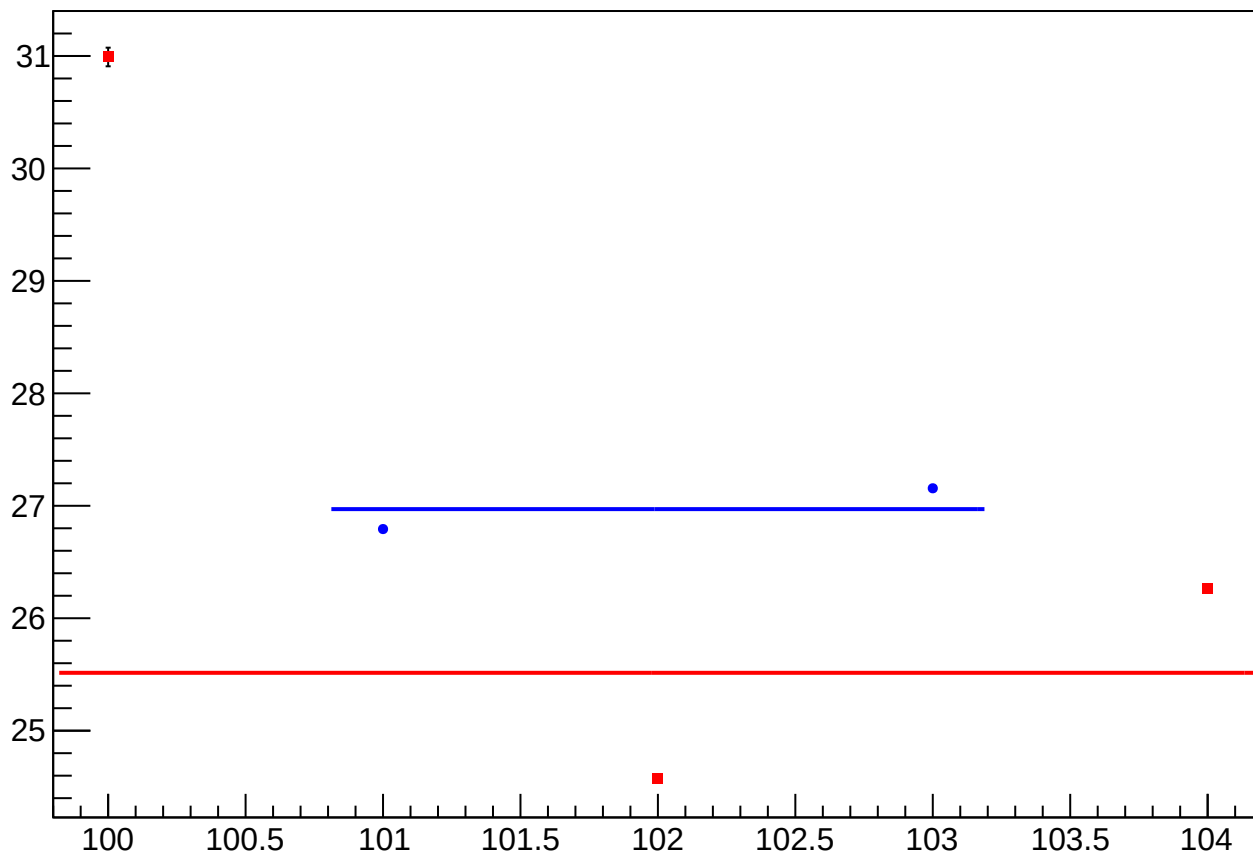
Right: 0.014 $\pm$ 0.017 χ^2 /NDF: 5.9/4

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: 0.014 $\pm$ 0.017 χ^2 /NDF: 5.9/4

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: 25.515 $\pm$ 0.017 χ^2 /NDF: 6924.9/2

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

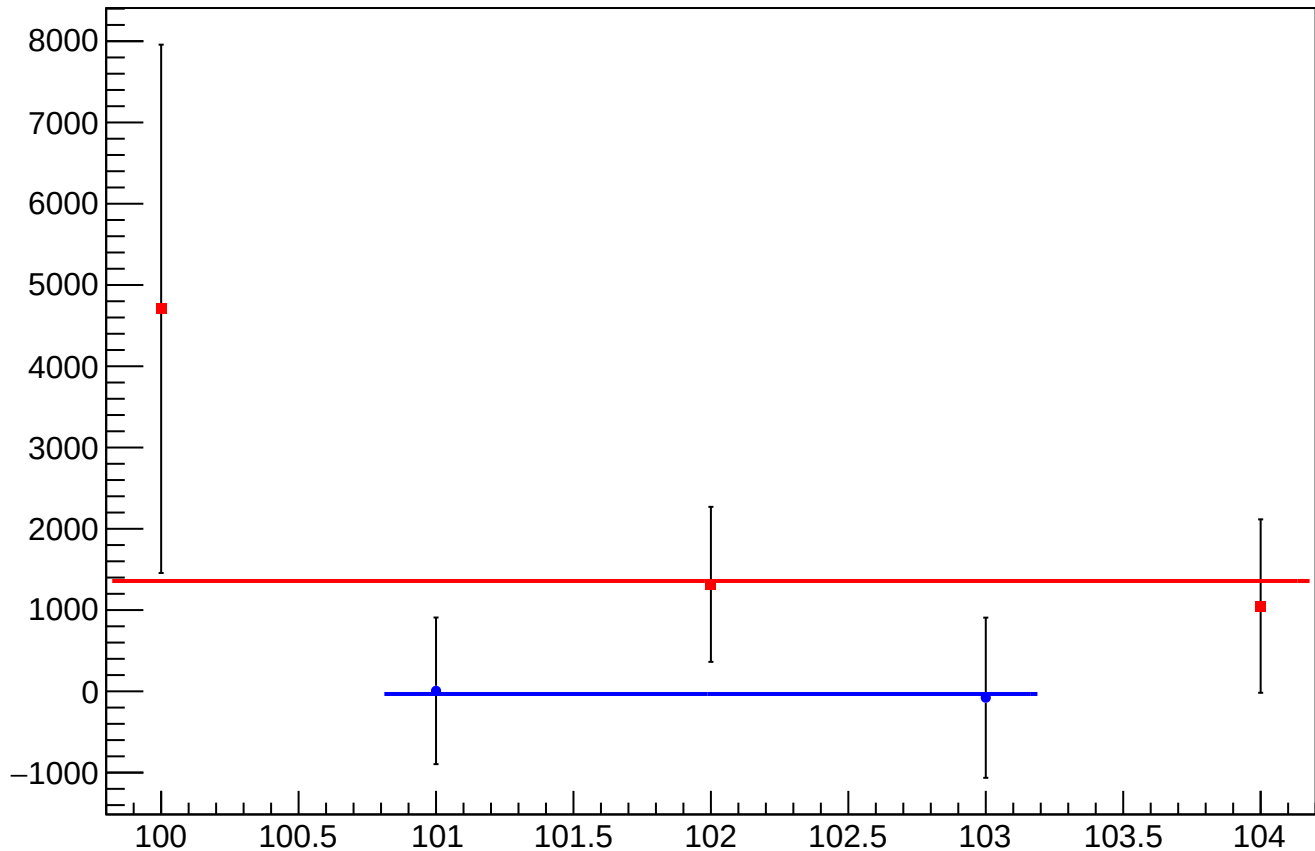
Right: 26.201 $\pm$ 0.012 χ^2 /NDF: 10596.1/4

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: 26.201 $\pm$ 0.012 χ^2 /NDF: 10596.1/4

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: 1357.956+/-694.671 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

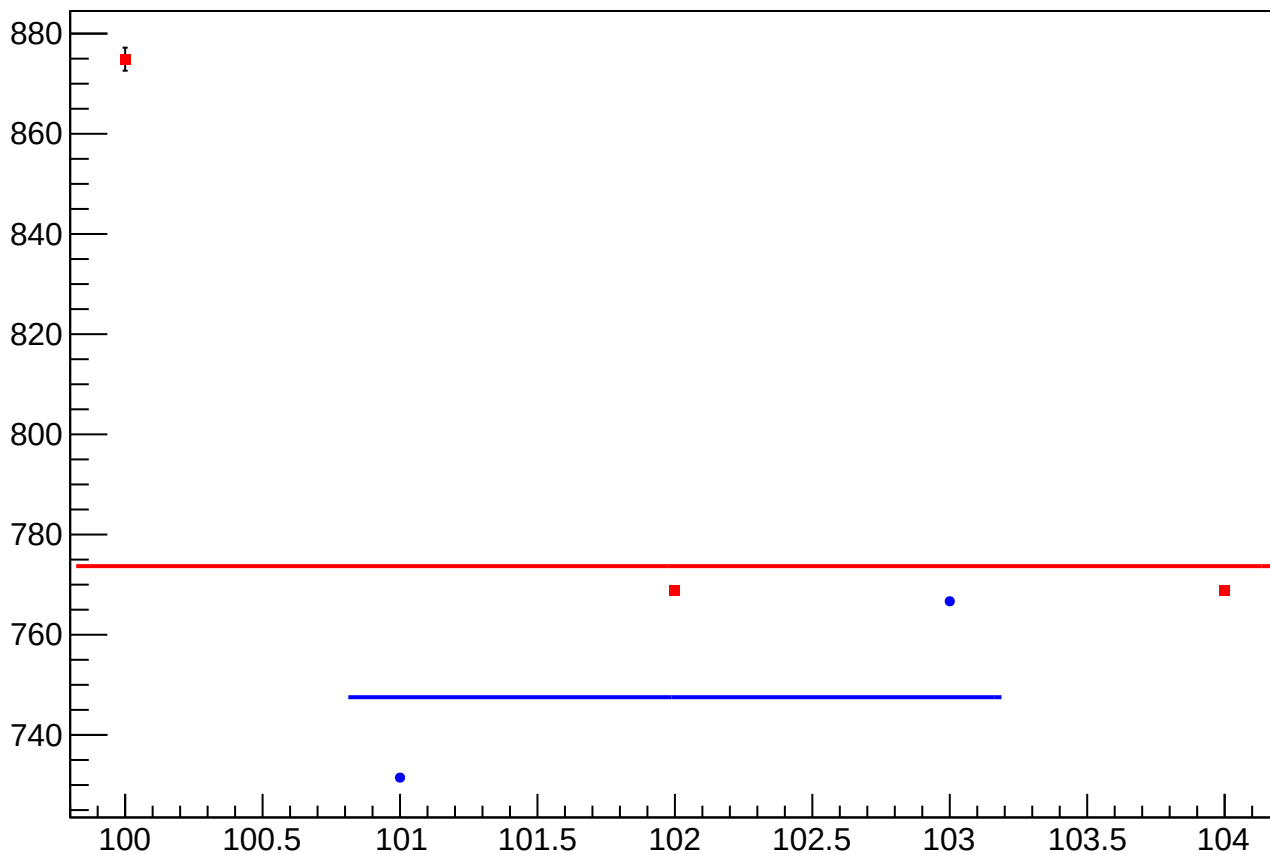
Right: 632.753+/-480.515 χ^2/NDF : 3.2/4

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.753+/-480.515 χ^2/NDF : 3.2/4

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: 773.697+/-0.491 χ^2/NDF : 2031.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

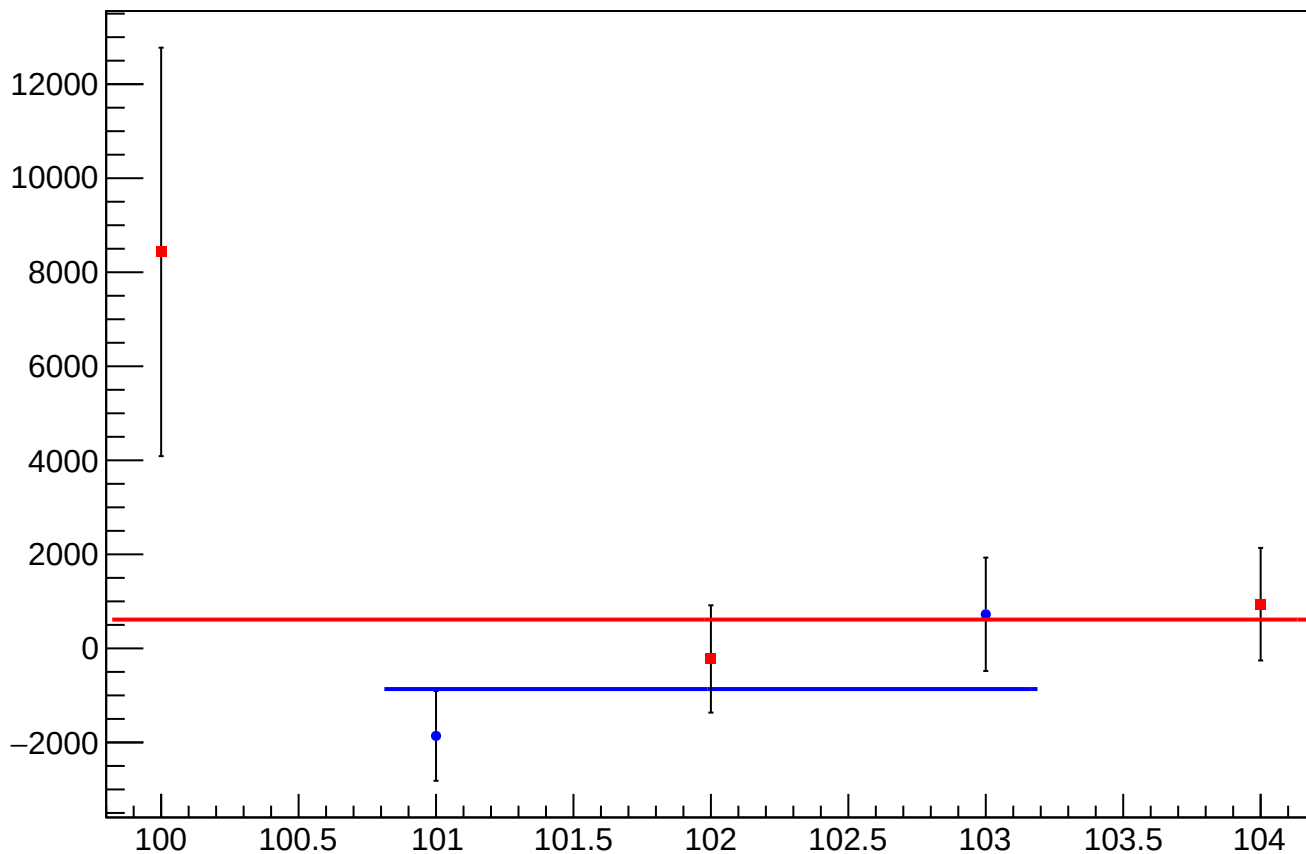
Right: 760.051+/-0.340 χ^2/NDF : 4899.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.051+/-0.340 χ^2/NDF : 4899.6/4

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: 612.864+/-811.358 χ^2/NDF : 3.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

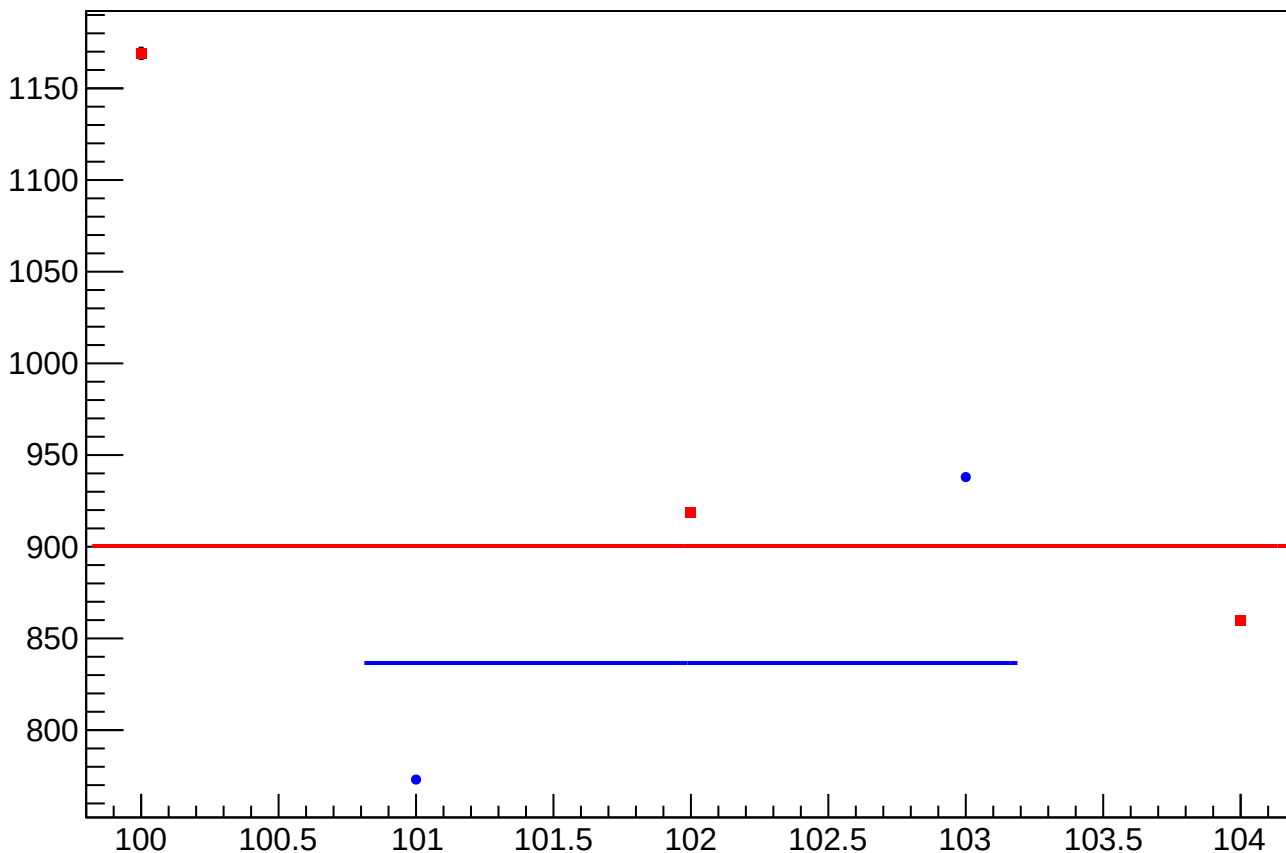
Right: -185.577+/-550.126 χ^2/NDF : 8.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.577+/-550.126 χ^2/NDF : 8.5/4

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 900.408 ± 0.574 χ^2/NDF : 10494.0/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

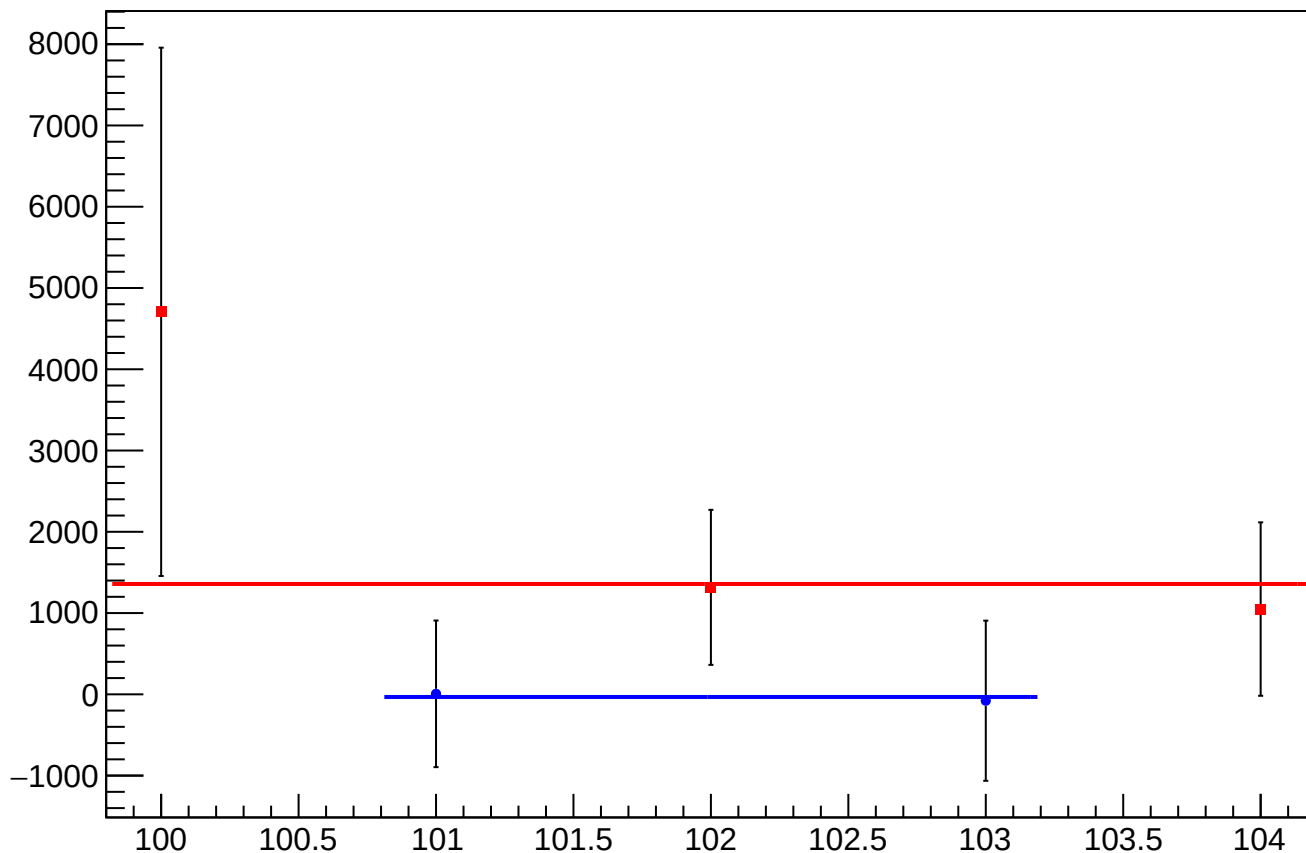
Right: 865.927 ± 0.389 χ^2/NDF : 40193.6/4

In: 836.587 ± 0.529 χ^2/NDF : 23013.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 865.927 ± 0.389 χ^2/NDF : 40193.6/4

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: 1357.956+/-694.671 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

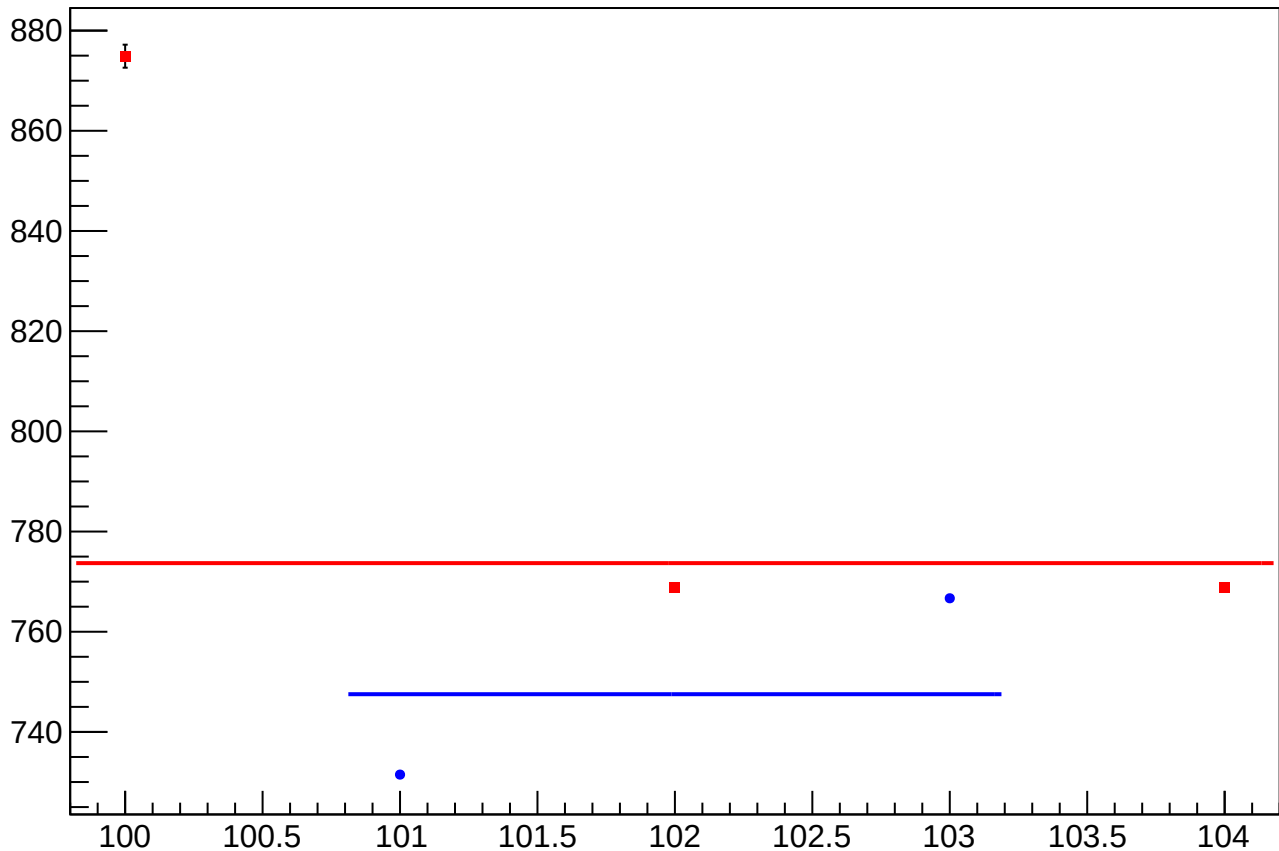
Right: 632.753+/-480.515 χ^2/NDF : 3.2/4

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.753+/-480.515 χ^2/NDF : 3.2/4

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: 773.697 ± 0.491 $\chi^2/\text{NDF}: 2031.3/2$

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

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

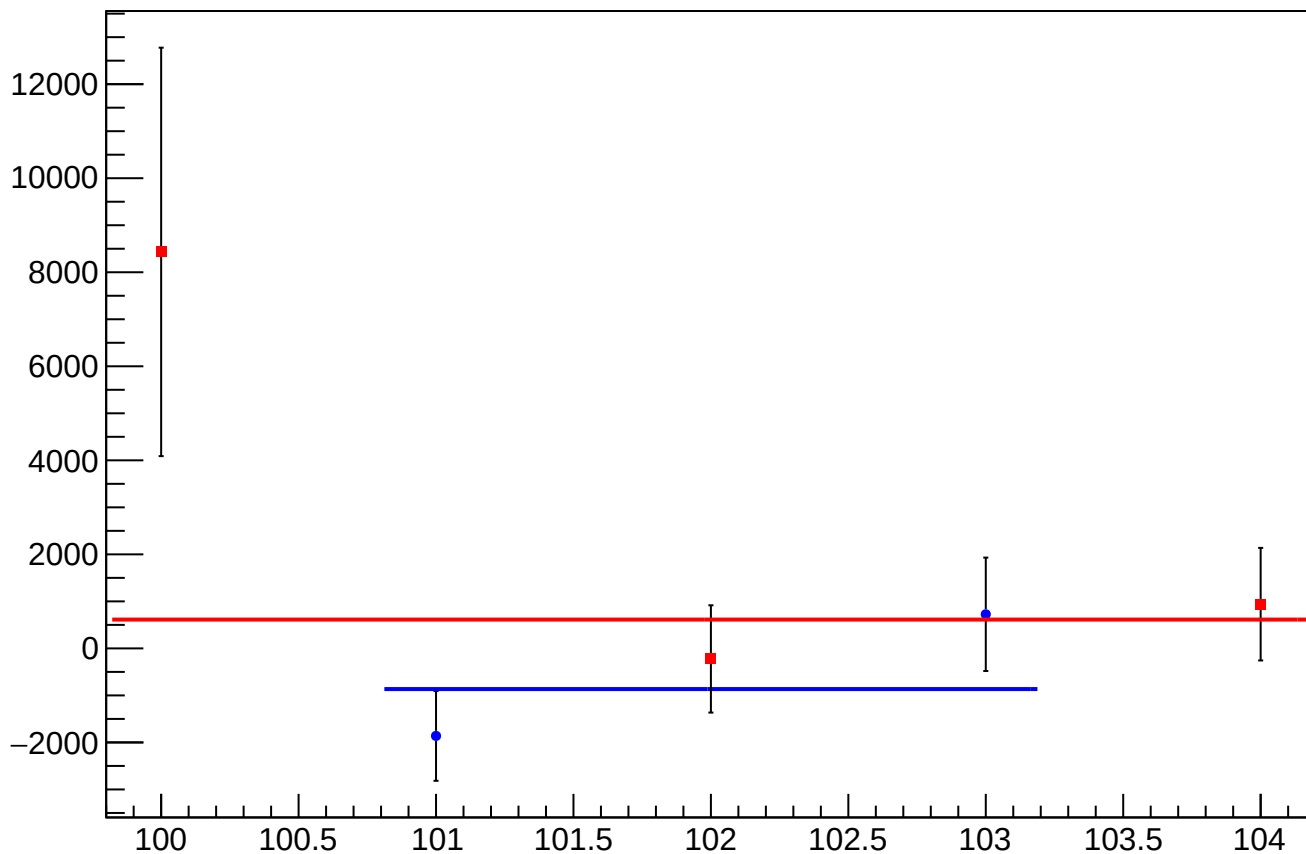
Right: 760.051 ± 0.340 $\chi^2/\text{NDF}: 4899.6/4$

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: 760.051 ± 0.340 $\chi^2/\text{NDF}: 4899.6/4$

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: 612.864+/-811.358 χ^2 /NDF: 3.9/2

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

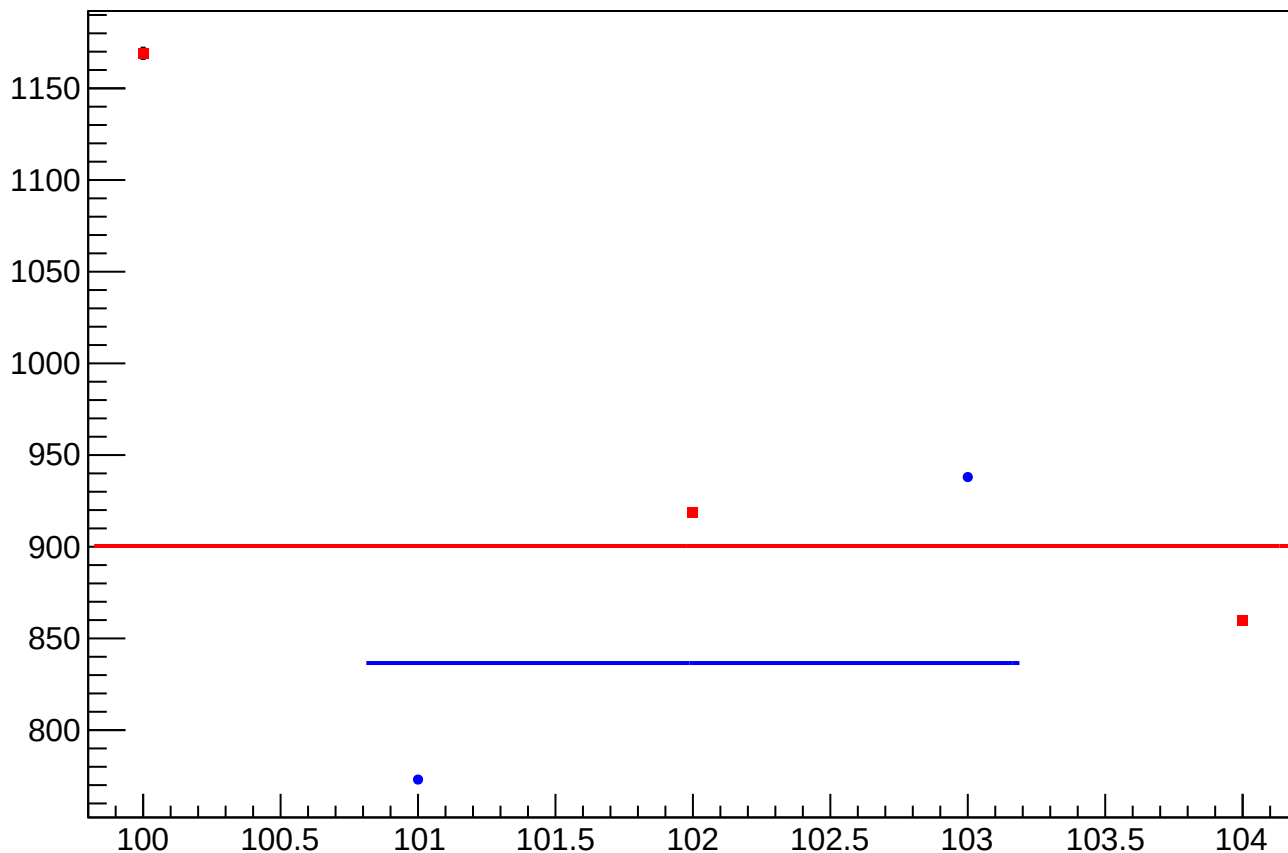
Right: -185.577+/-550.126 χ^2 /NDF: 8.5/4

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -185.577+/-550.126 χ^2 /NDF: 8.5/4

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 900.408 ± 0.574 χ^2/NDF : 10494.0/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

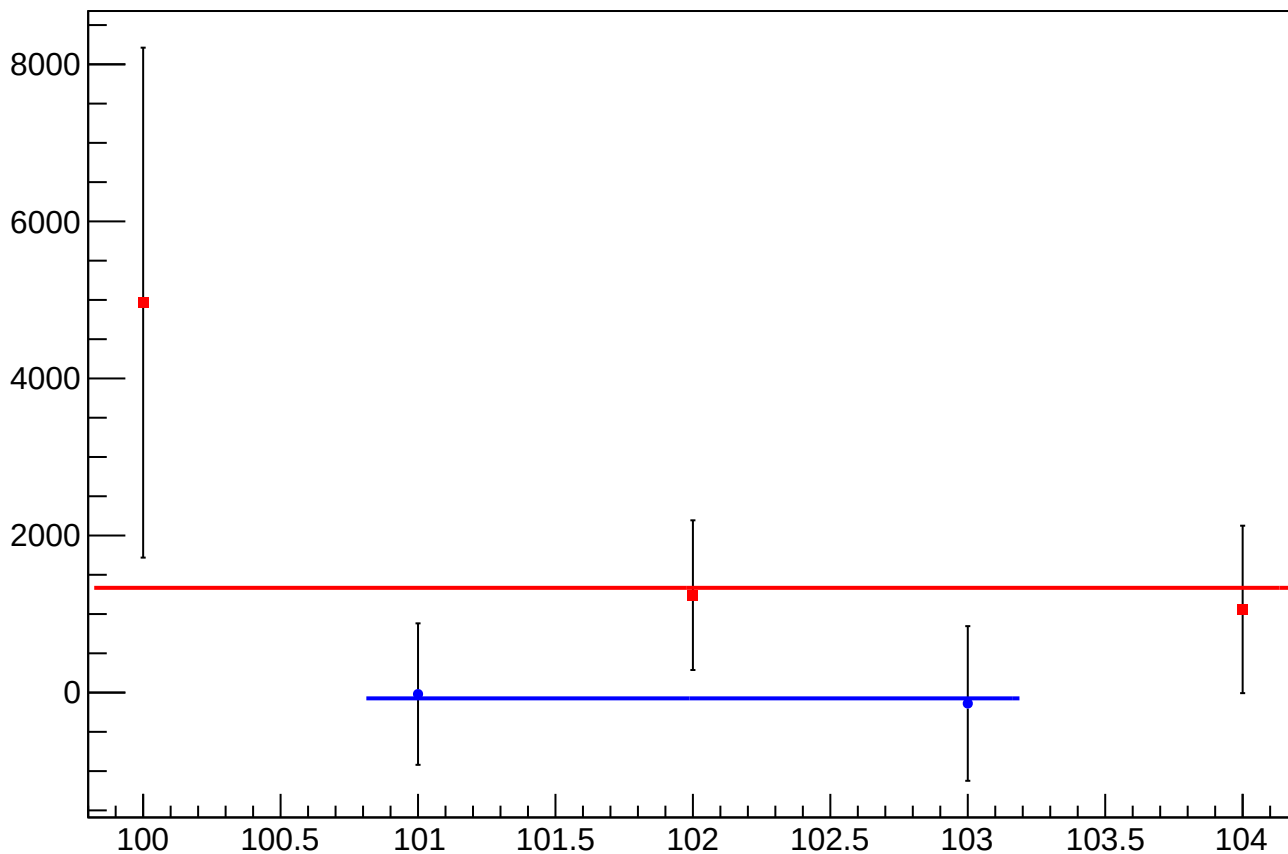
Right: 865.927 ± 0.389 χ^2/NDF : 40193.6/4

In: 836.587 ± 0.529 χ^2/NDF : 23013.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 865.927 ± 0.389 χ^2/NDF : 40193.6/4

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: 1333.802+/-694.106 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

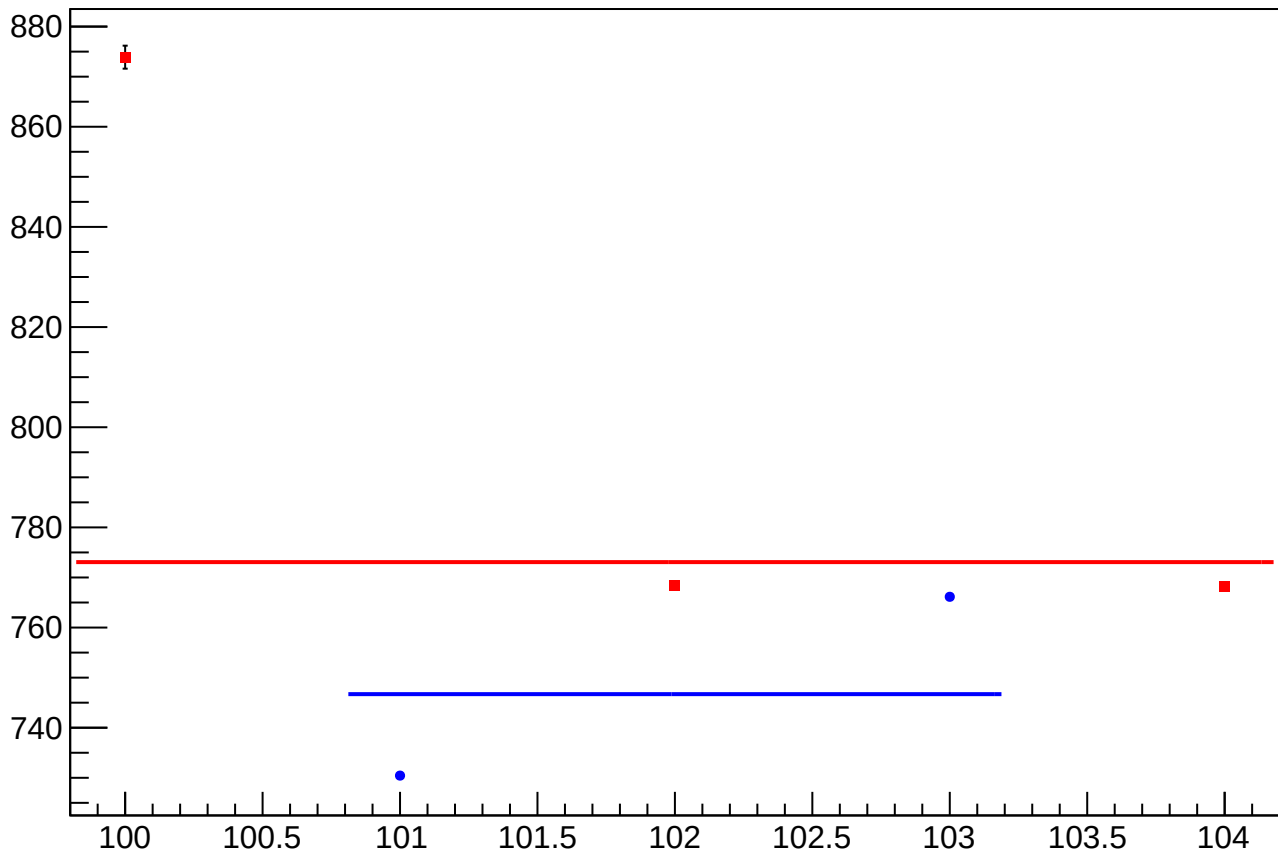
Right: 599.574+/-480.053 χ^2/NDF : 3.5/4

In: -73.649+/-664.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.574+/-480.053 χ^2/NDF : 3.5/4

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 773.069+/-0.491 χ^2/NDF : 2021.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

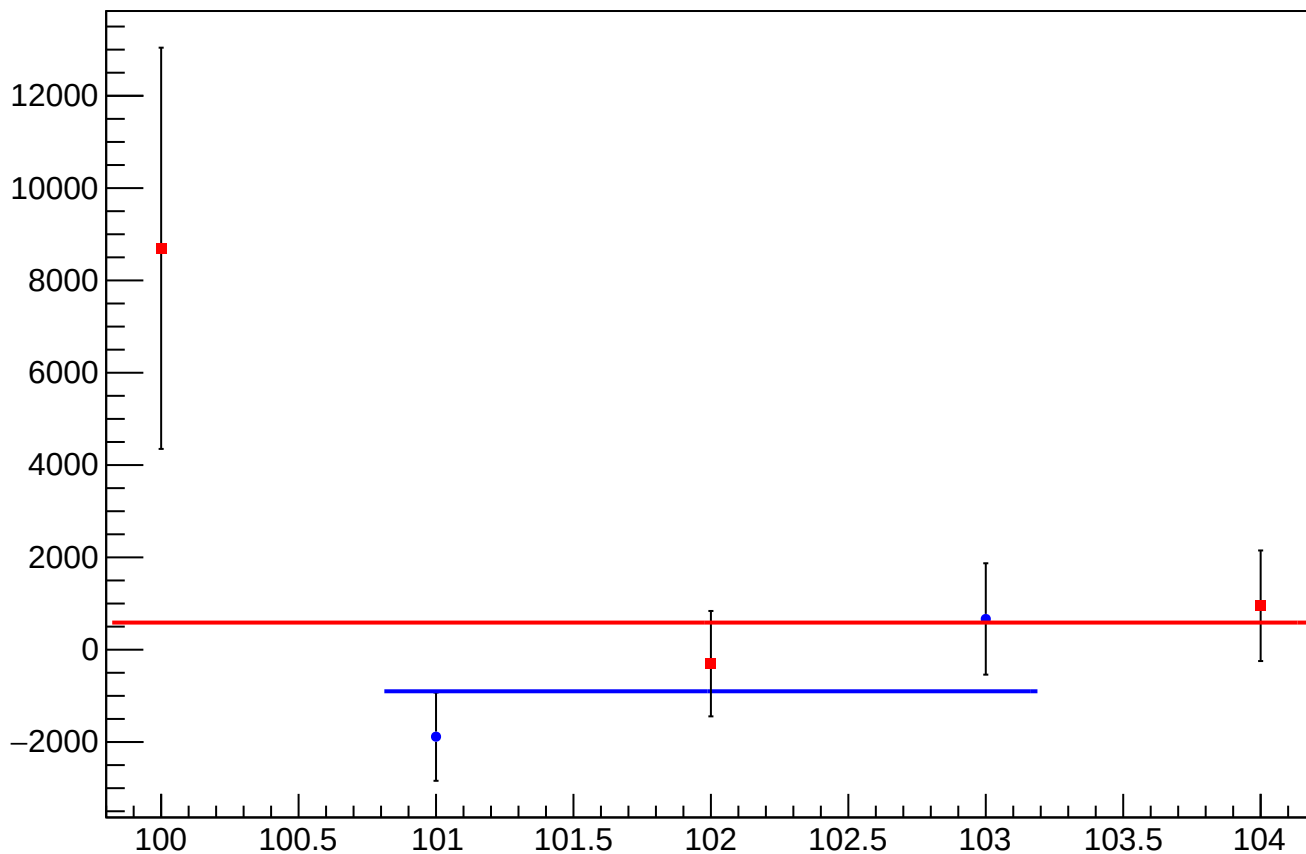
Right: 759.316+/-0.339 χ^2/NDF : 4957.9/4

In: 746.705+/-0.470 χ^2/NDF :1431.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 759.316+/-0.339 χ^2/NDF : 4957.9/4

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: 587.639+/-811.849 χ^2/NDF : 4.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

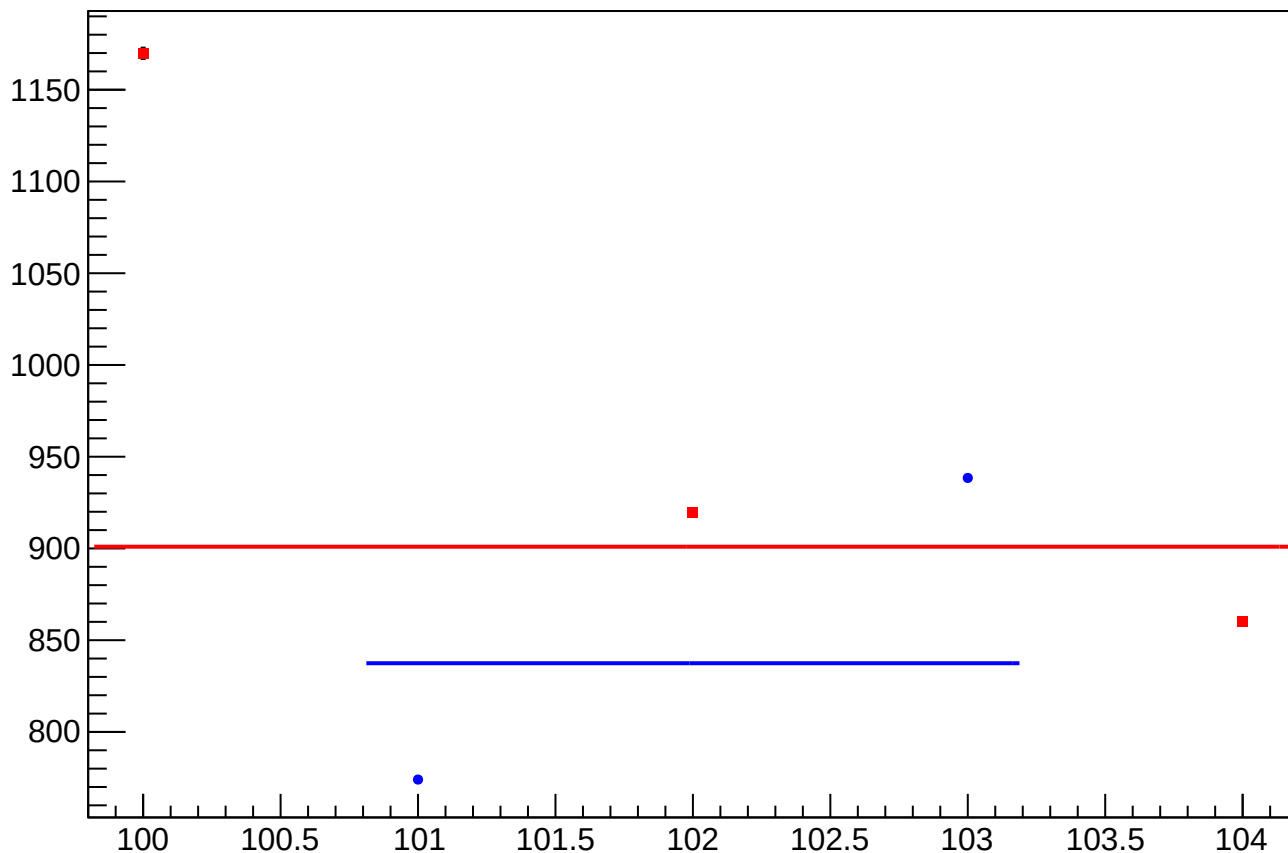
Right: -216.274+/-550.571 χ^2/NDF : 8.7/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.274+/-550.571 χ^2/NDF : 8.7/4

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: 900.958+/-0.574 χ^2/NDF : 10479.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

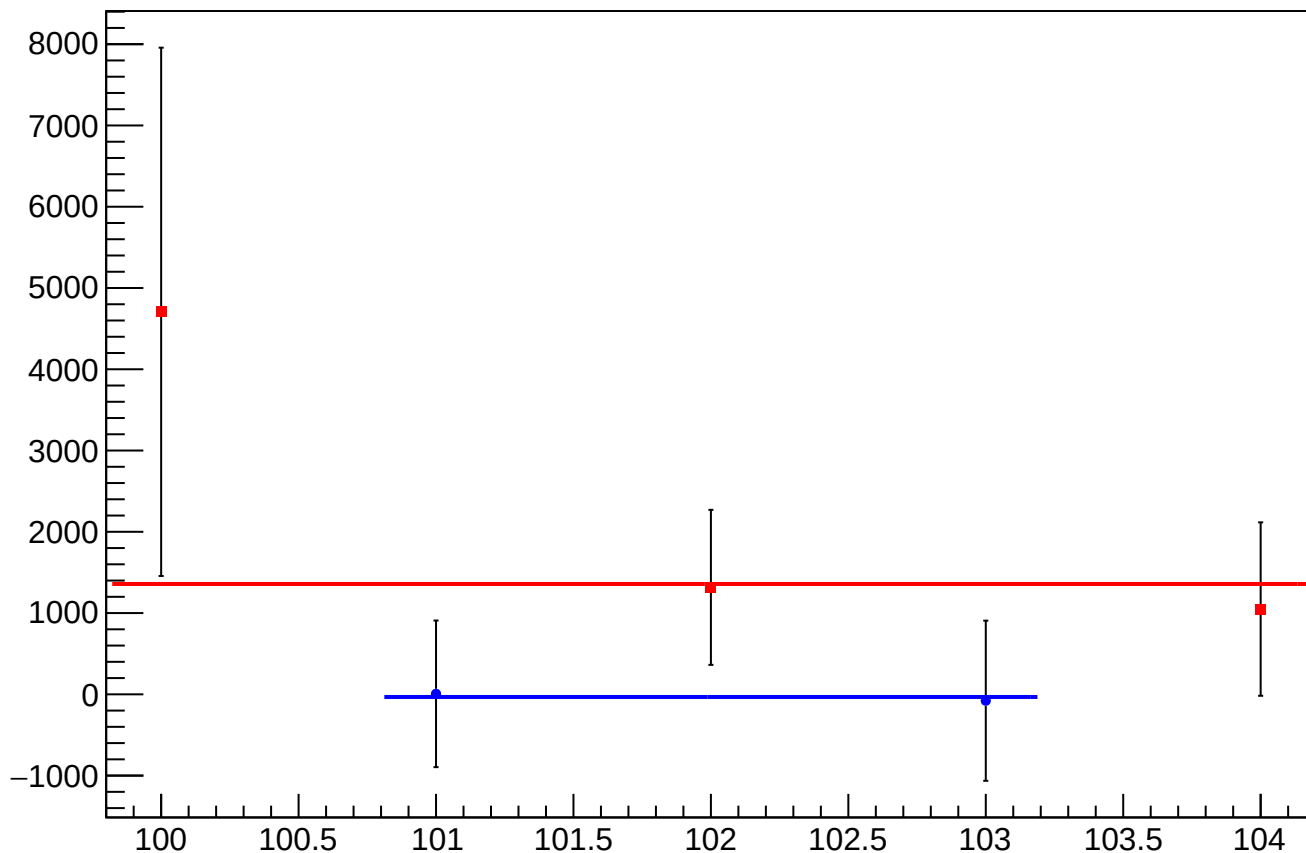
Right: 866.655+/-0.389 χ^2/NDF : 39906.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.655+/-0.389 χ^2/NDF : 39906.8/4

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: 1357.956+/-694.671 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

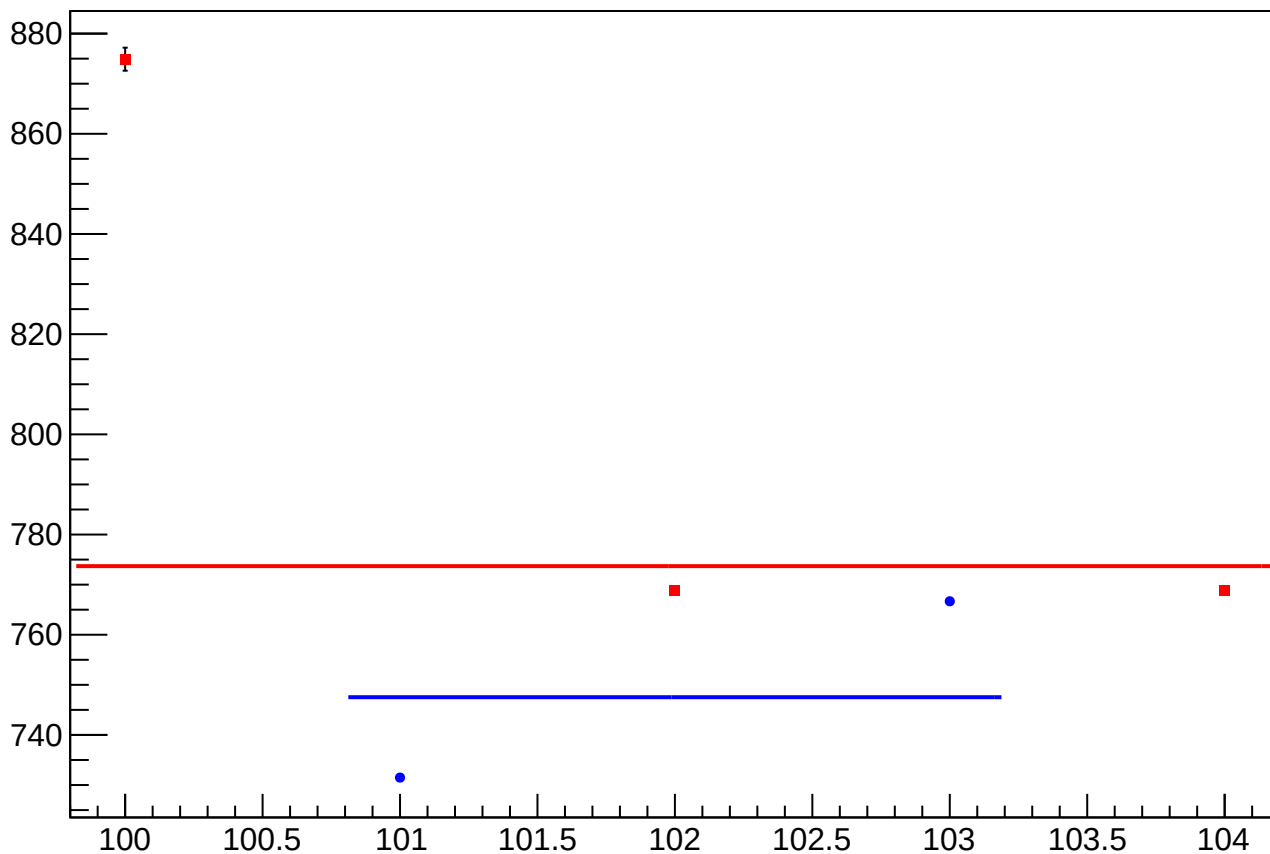
Right: 632.753+/-480.515 χ^2/NDF : 3.2/4

In: -32.573+/-665.376 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.753+/-480.515 χ^2/NDF : 3.2/4

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



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

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

Right Out: 773.697+/-0.491 χ^2/NDF : 2031.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

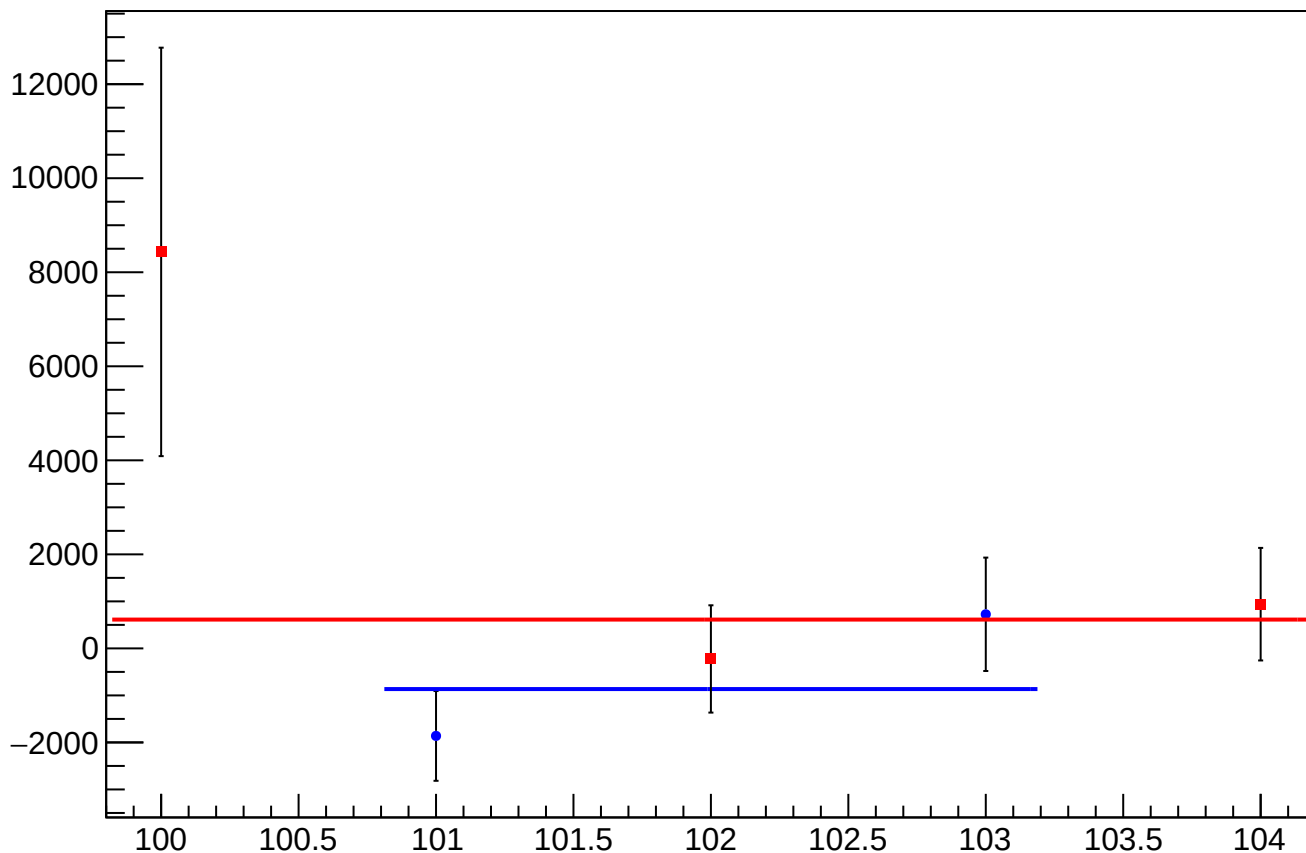
Right: 760.051+/-0.340 χ^2/NDF : 4899.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.051+/-0.340 χ^2/NDF : 4899.6/4

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: 612.864+/-811.358 χ^2/NDF : 3.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

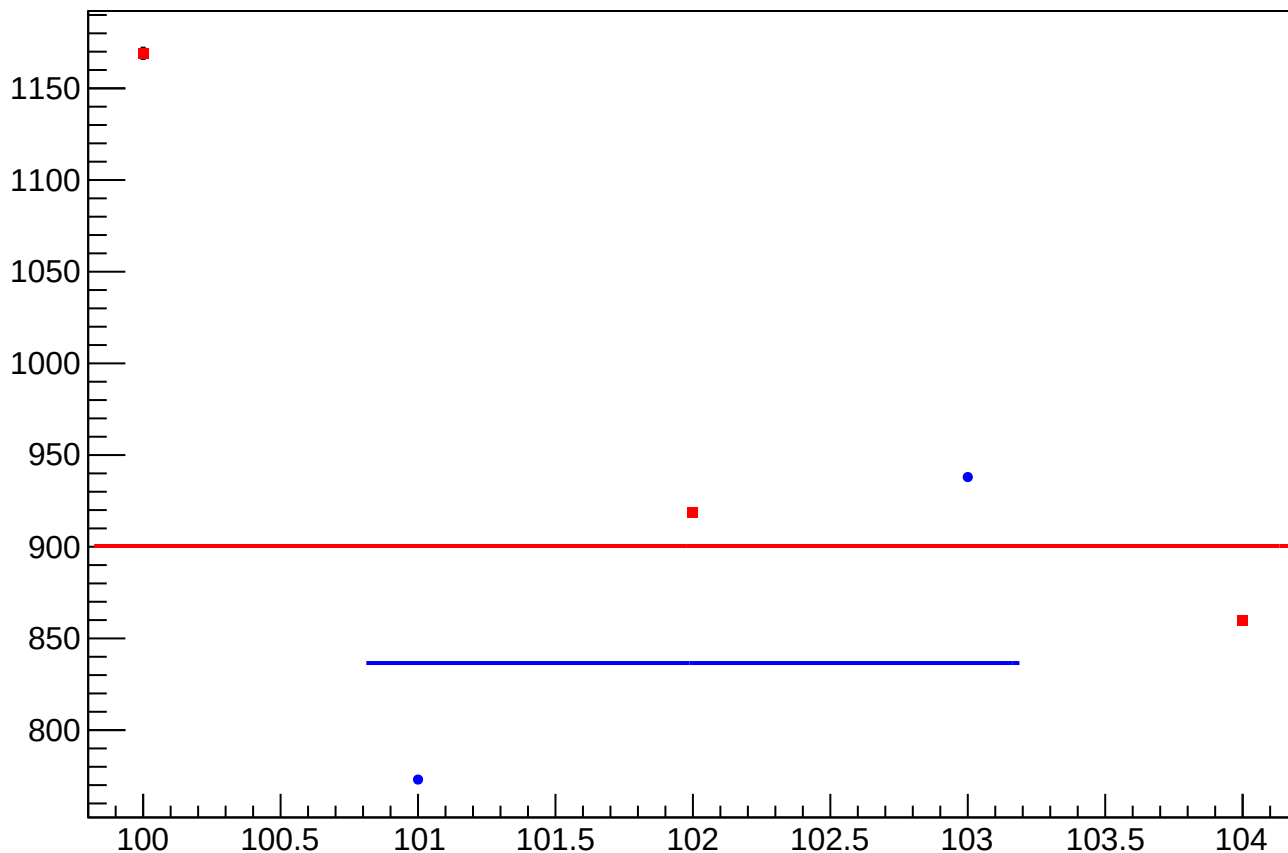
Right: -185.577+/-550.126 χ^2/NDF : 8.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.577+/-550.126 χ^2/NDF : 8.5/4

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 836.587 ± 0.529 $\chi^2/\text{NDF}: 23013.8/1$

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

Right Out: 900.408 ± 0.574 $\chi^2/\text{NDF}: 10494.0/2$

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

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

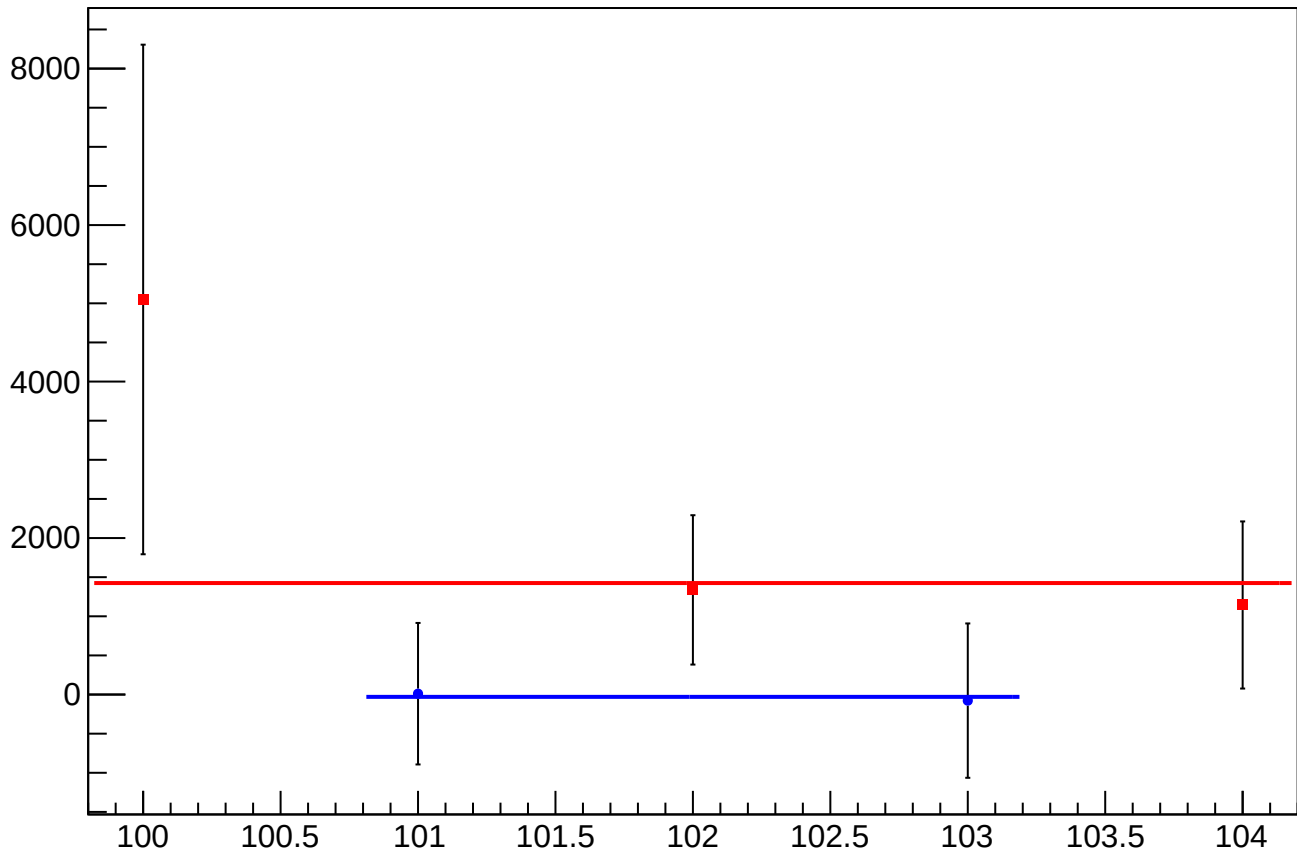
Right: 865.927 ± 0.389 $\chi^2/\text{NDF}: 40193.6/4$

In: 836.587 ± 0.529 $\chi^2/\text{NDF}: 23013.8/1$

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

All: 865.927 ± 0.389 $\chi^2/\text{NDF}: 40193.6/4$

dit_asym_us_dd_mean vs Slug, Sign Corrected



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

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

Right Out: 1424.905 ± 695.255 χ^2/NDF : 1.3/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

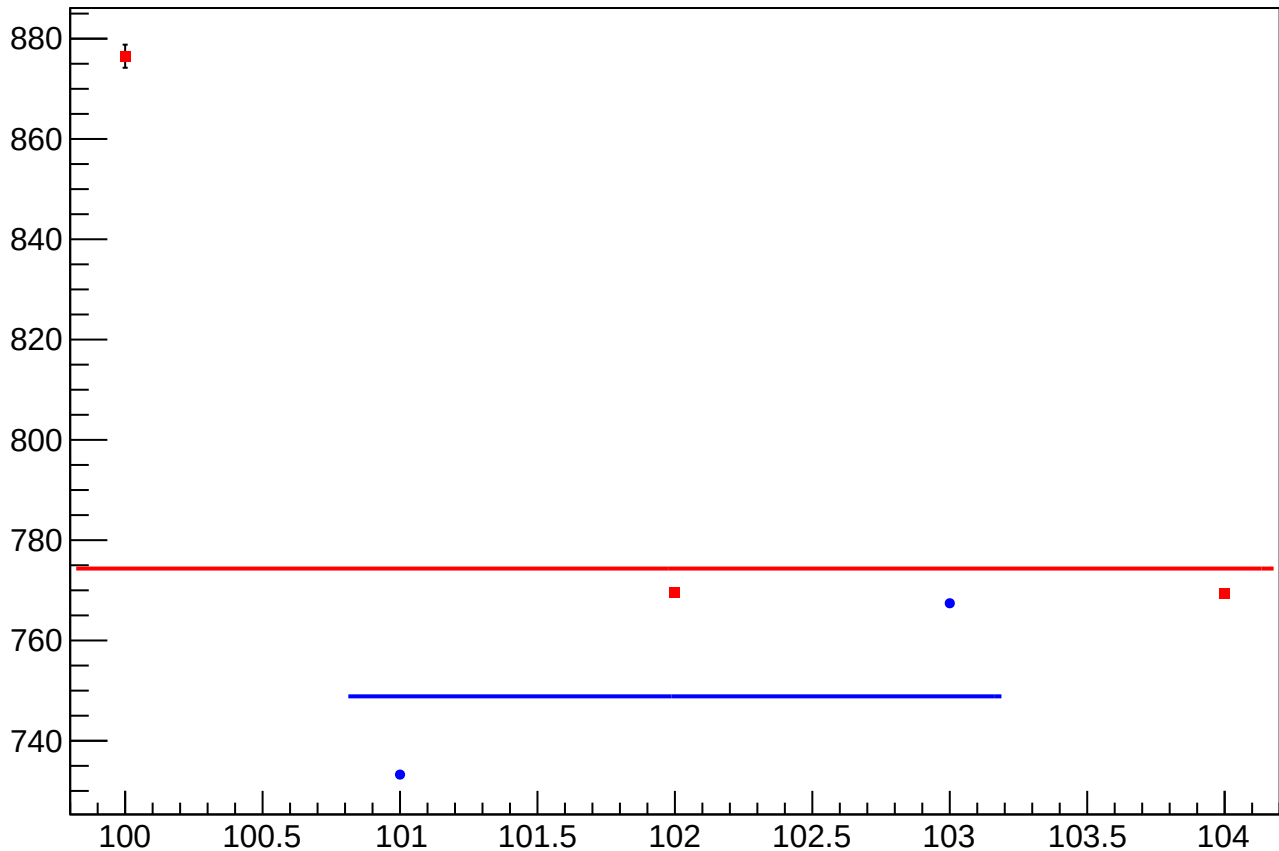
Right: 666.976 ± 481.151 χ^2/NDF : 3.6/4

In: -29.665 ± 666.553 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 666.976 ± 481.151 χ^2/NDF : 3.6/4

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: 774.342 $\pm$ 0.492 χ^2 /NDF: 2062.4/2

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

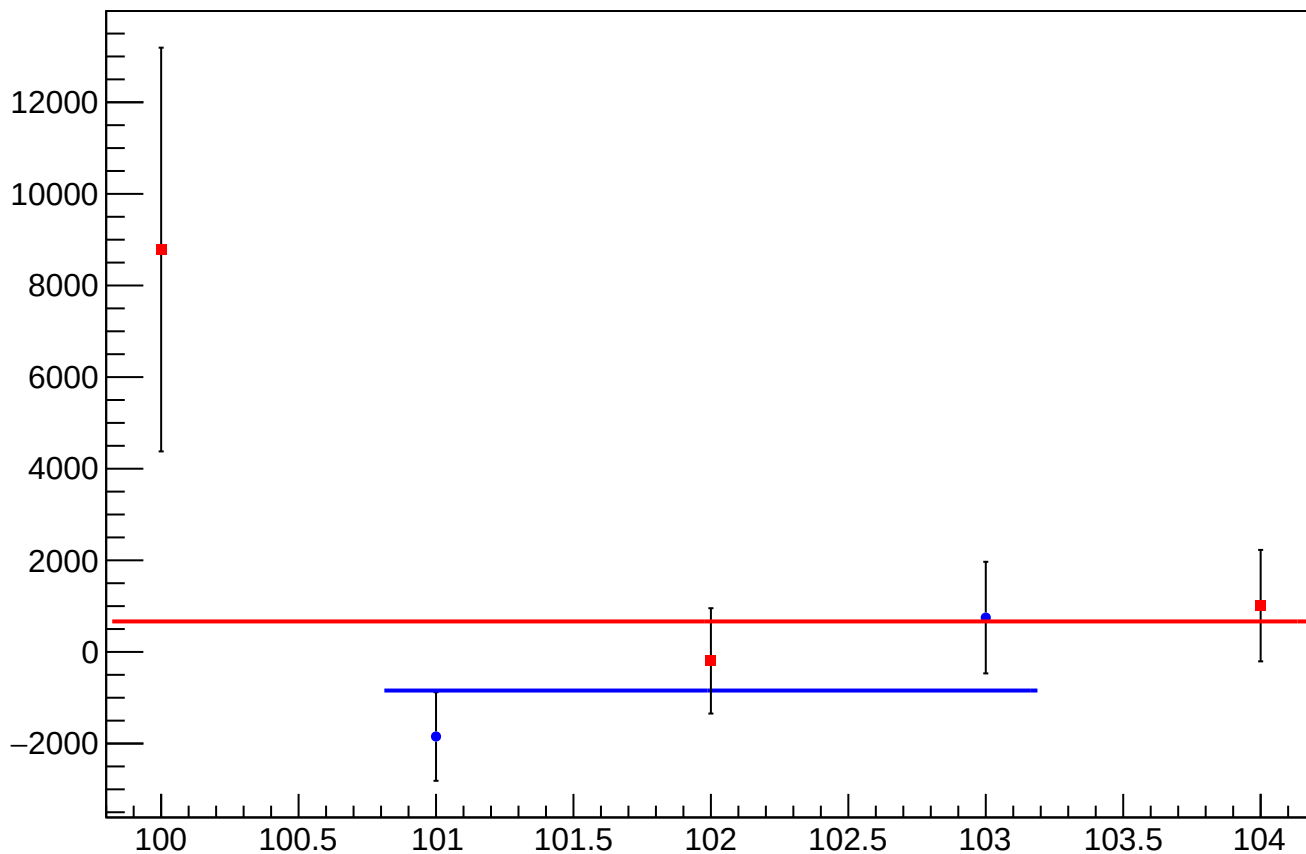
Right: 761.064 $\pm$ 0.340 χ^2 /NDF: 4765.9/4

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: 761.064 $\pm$ 0.340 χ^2 /NDF: 4765.9/4

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: 665.823+/-821.147 χ^2/NDF : 4.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

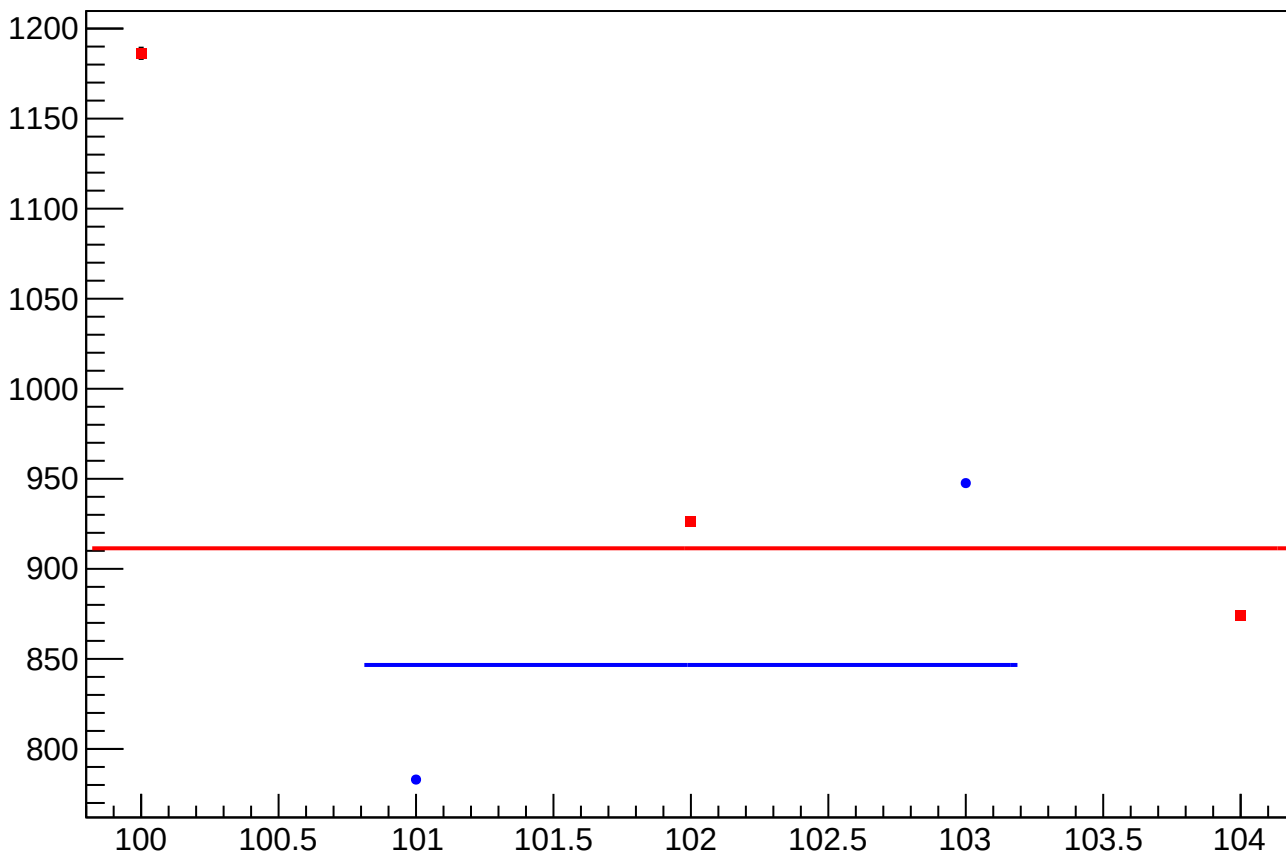
Right: -149.327+/-556.737 χ^2/NDF : 8.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.327+/-556.737 χ^2/NDF : 8.6/4

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 846.635+/-0.536 χ^2/NDF : 22404.2/1

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

Right Out: 911.411+/-0.581 χ^2/NDF : 10005.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

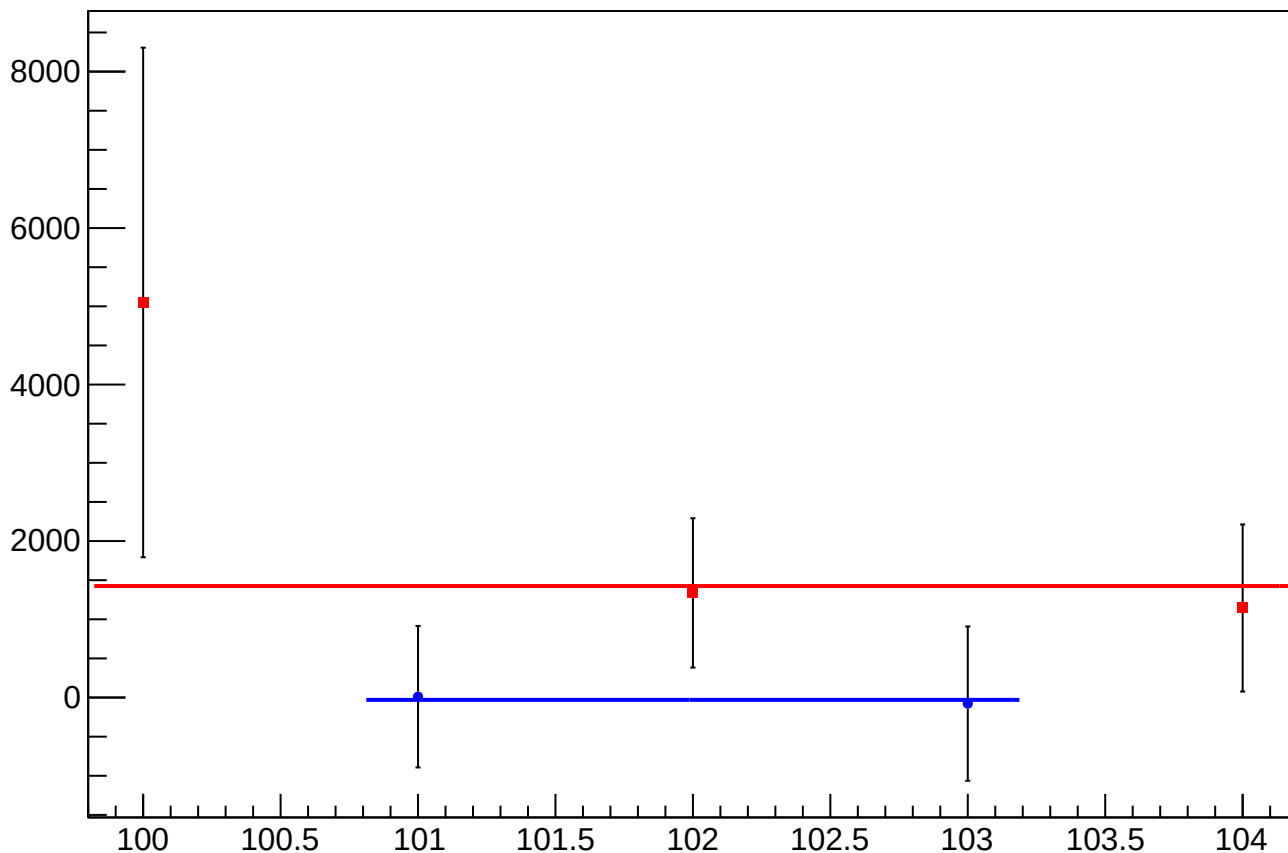
Right: 876.411+/-0.394 χ^2/NDF : 39134.4/4

In: 846.635+/-0.536 χ^2/NDF : 22404.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.411+/-0.394 χ^2/NDF : 39134.4/4

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: 1424.906 ± 695.255 χ^2/NDF : 1.3/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

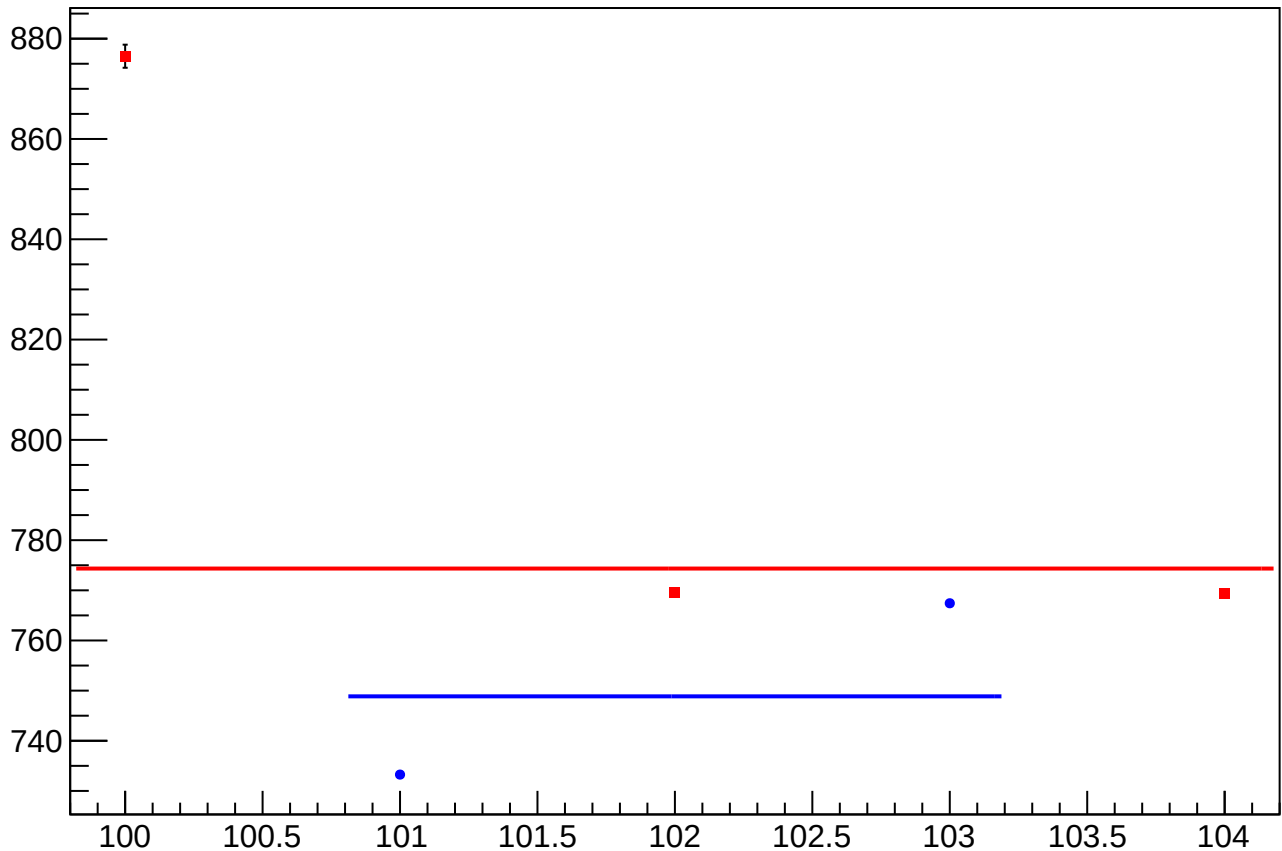
Right: 666.978 ± 481.151 χ^2/NDF : 3.6/4

In: -29.662 ± 666.553 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 666.978 ± 481.151 χ^2/NDF : 3.6/4

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: 774.342+/-0.492 χ^2/NDF : 2062.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

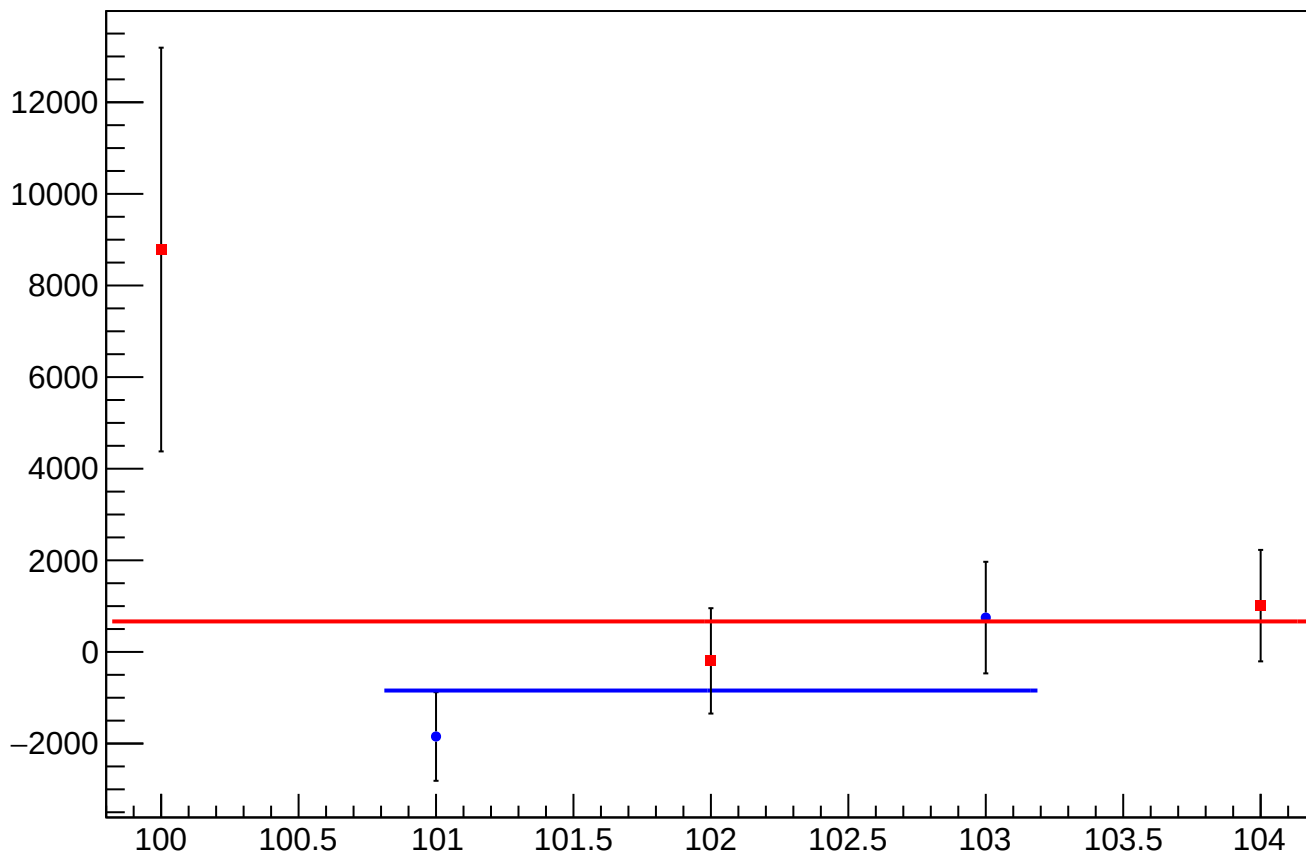
Right: 761.064+/-0.340 χ^2/NDF : 4765.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.064+/-0.340 χ^2/NDF : 4765.9/4

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: 665.827+/-821.150 χ^2/NDF : 4.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

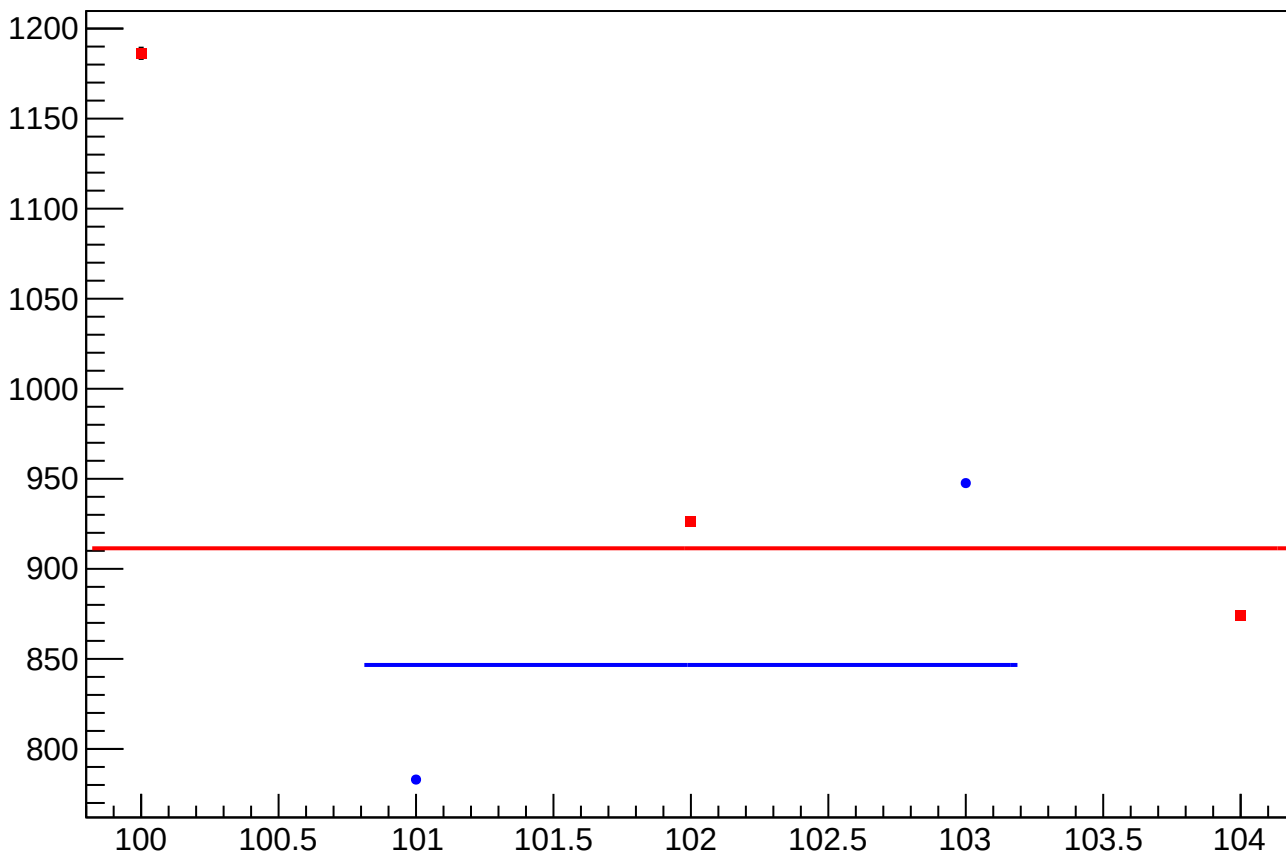
Right: -149.329+/-556.739 χ^2/NDF : 8.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -149.329+/-556.739 χ^2/NDF : 8.6/4

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 846.636 ± 0.536 $\chi^2/\text{NDF}: 22405.2/1$

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

Right Out: 911.415 ± 0.581 $\chi^2/\text{NDF}: 10005.4/2$

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

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

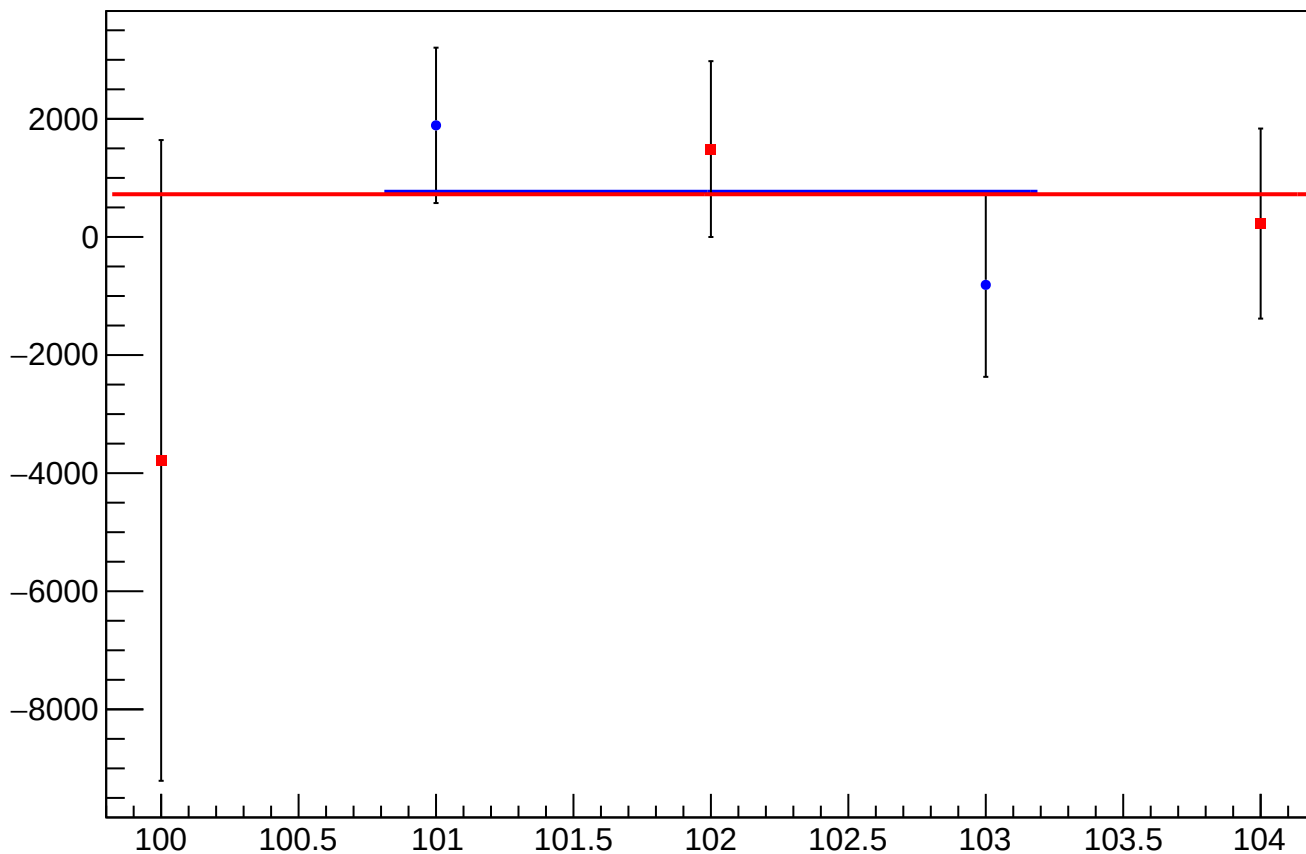
Right: 876.414 ± 0.394 $\chi^2/\text{NDF}: 39135.7/4$

In: 846.636 ± 0.536 $\chi^2/\text{NDF}: 22405.2/1$

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

All: 876.414 ± 0.394 $\chi^2/\text{NDF}: 39135.7/4$

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: 723.374+/-1071.436 χ^2/NDF : 1.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

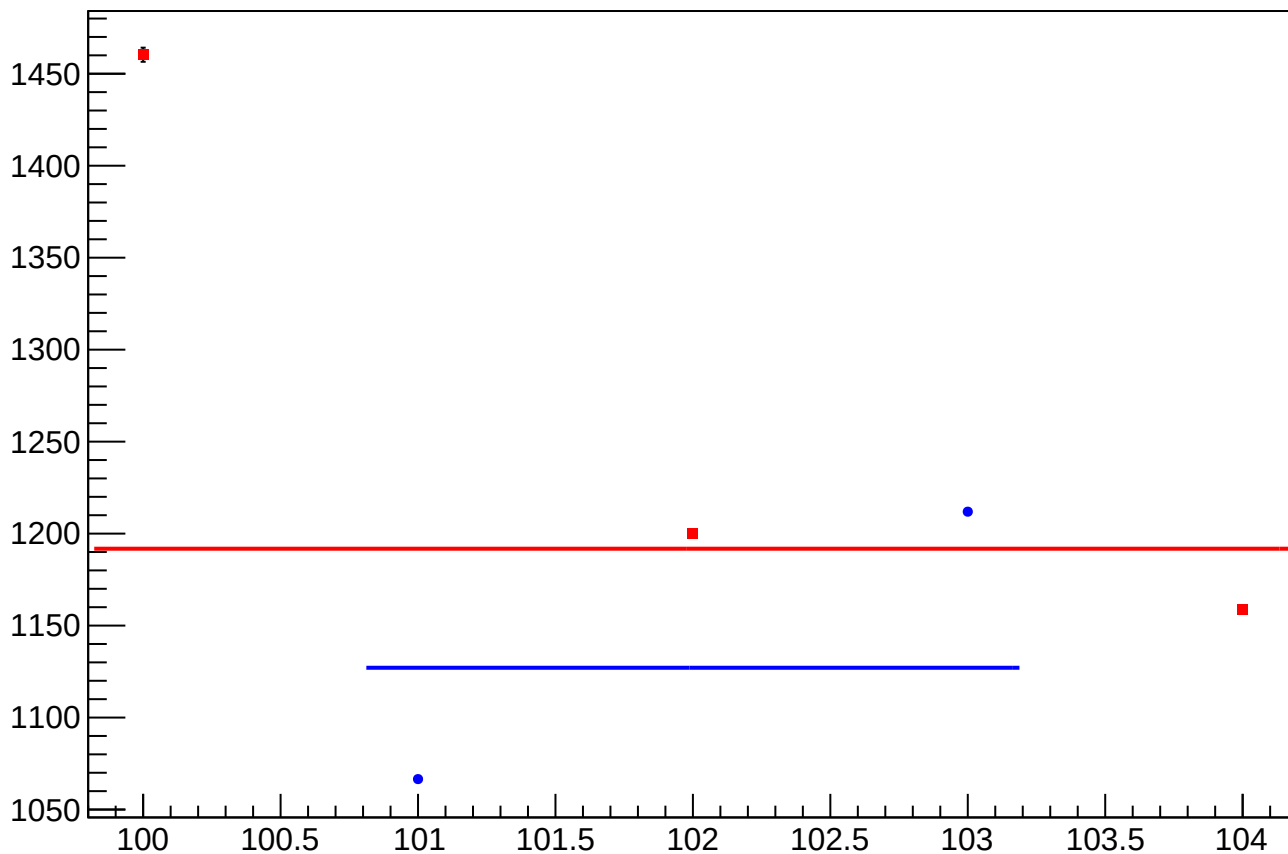
Right: 745.655+/-733.049 χ^2/NDF : 2.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.655+/-733.049 χ^2/NDF : 2.8/4

asym_us_dd_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 1157.373 +/- 0.518 χ^2/NDF : 19863.5/4

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

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 1157.373 +/- 0.518 χ^2/NDF : 19863.5/4

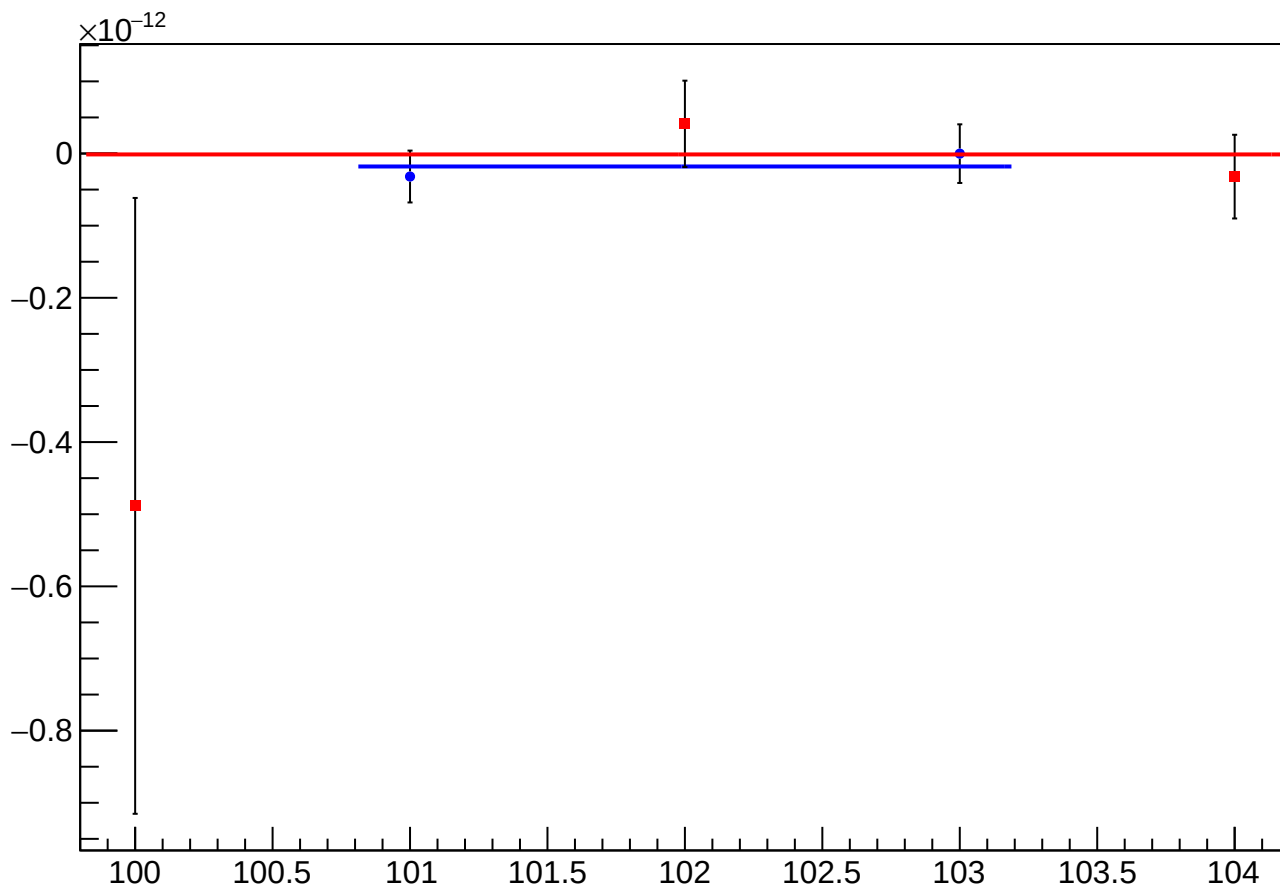
Right In: 1127.078 +/- 0.711 χ^2/NDF : 10165.7/1

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

Right Out: 1191.797 +/- 0.758 χ^2/NDF : 5816.4/2

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

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 : 2.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

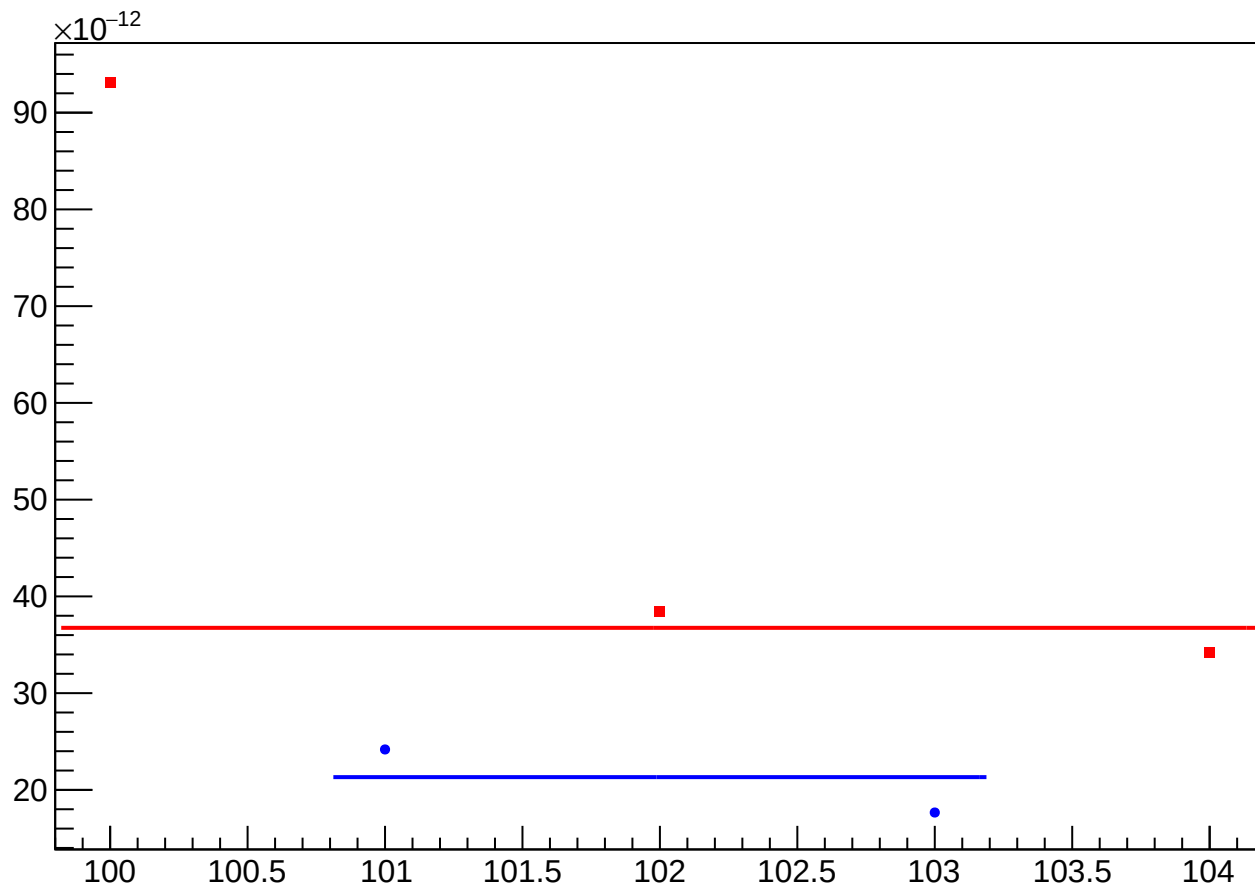
Right: -0.000+/-0.000 χ^2/NDF : 2.5/4

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 : 2.5/4

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 : 40394.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

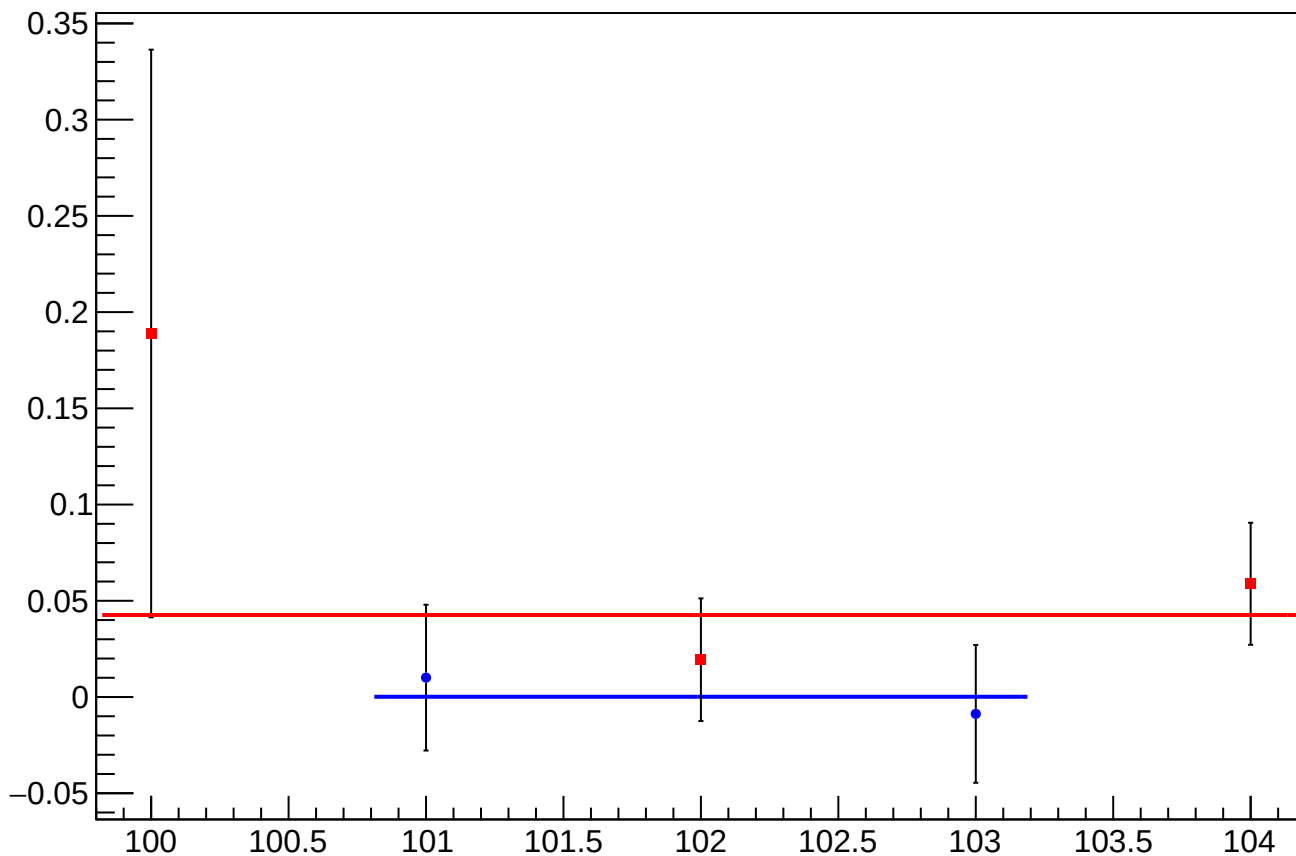
Right: 0.000+/-0.000 χ^2/NDF : 264068.4/4

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 : 264068.4/4

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: 0.043 $\pm$ 0.022 χ^2 /NDF: 1.8/2

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

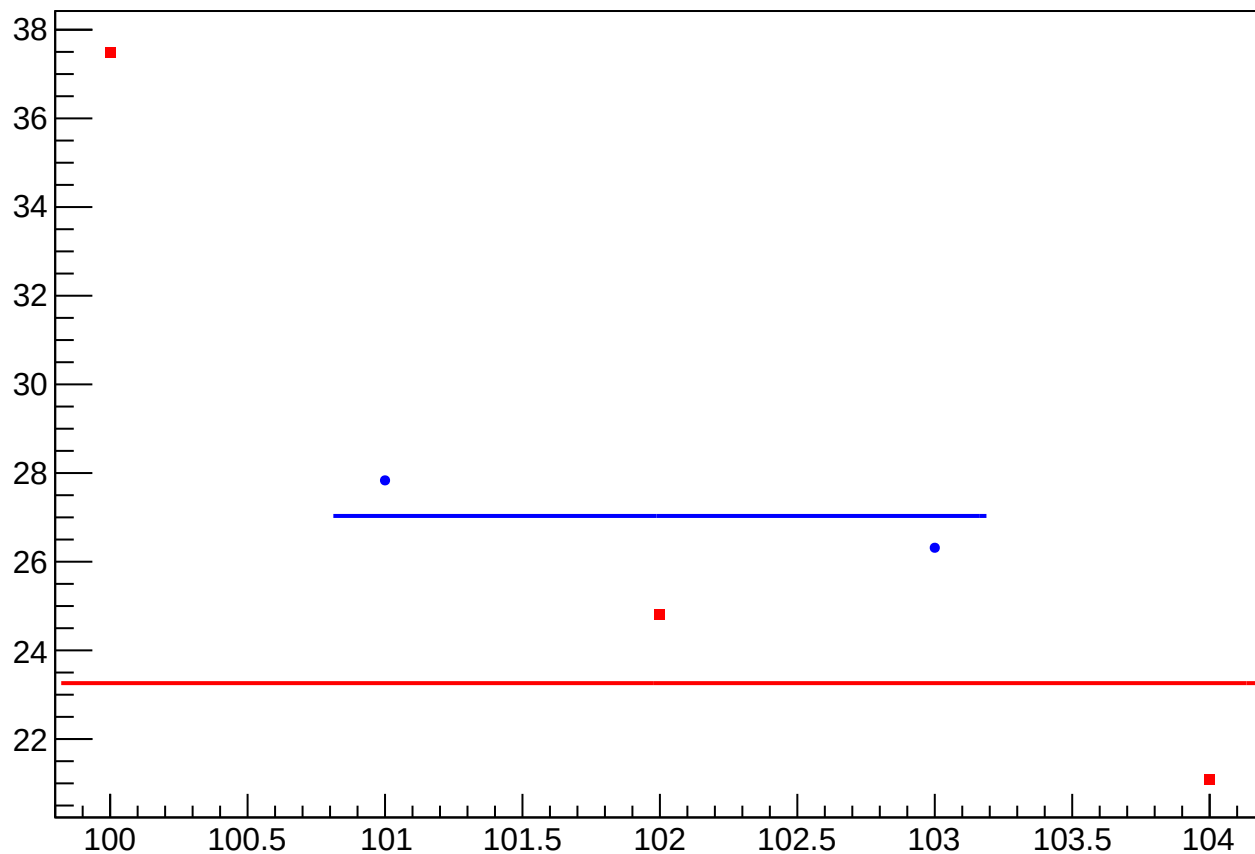
Right: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

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: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032+/-0.018 χ^2/NDF : 1700.5/1

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

Right Out: 23.261+/-0.016 χ^2/NDF : 32740.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

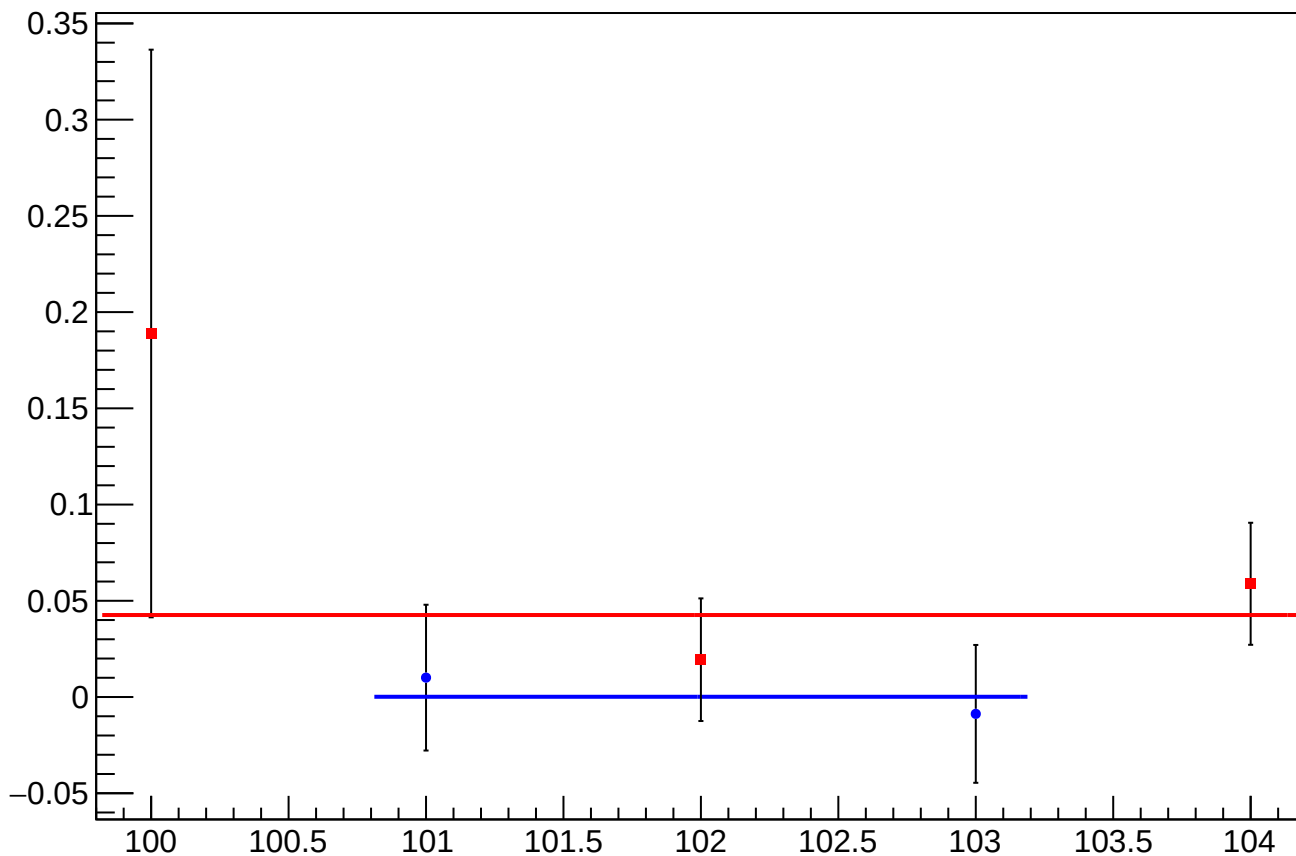
Right: 24.851+/-0.012 χ^2/NDF : 58738.2/4

In: 27.032+/-0.018 χ^2/NDF : 1700.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.851+/-0.012 χ^2/NDF : 58738.2/4

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: 0.043 $\pm$ 0.022 χ^2 /NDF: 1.8/2

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

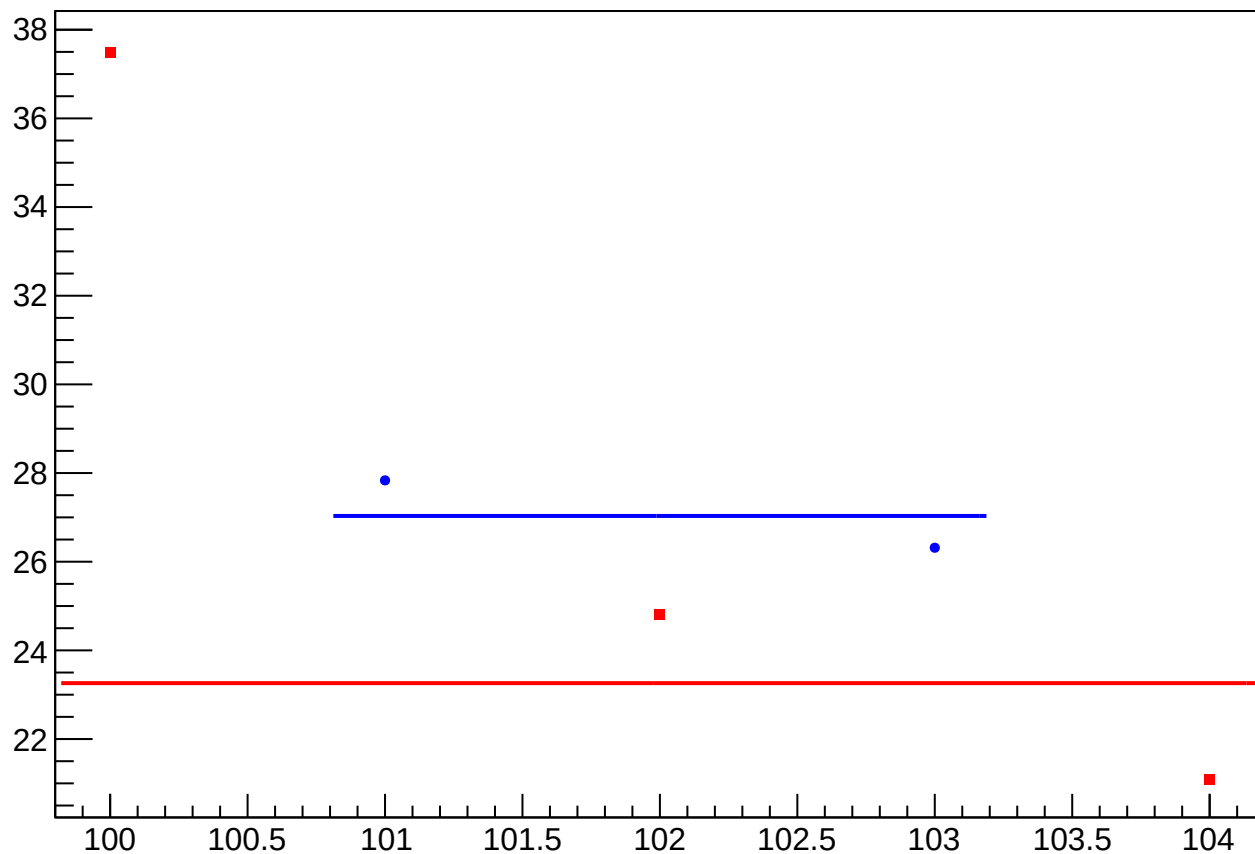
Right: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

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: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.032+/-0.018 χ^2/NDF : 1700.5/1

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

Right Out: 23.261+/-0.016 χ^2/NDF : 32740.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

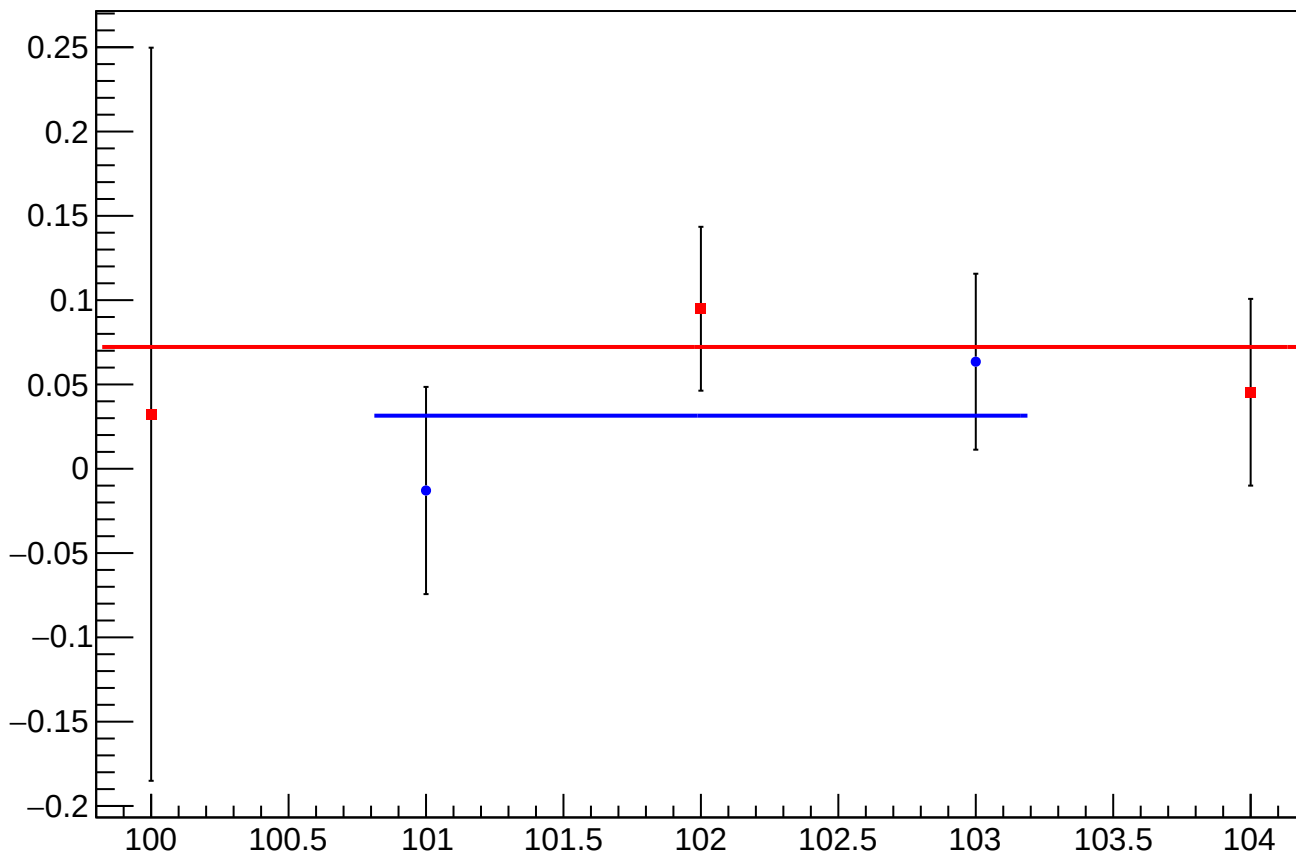
Right: 24.851+/-0.012 χ^2/NDF : 58738.2/4

In: 27.032+/-0.018 χ^2/NDF : 1700.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.851+/-0.012 χ^2/NDF : 58738.2/4

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: 0.072 $\pm$ 0.036 χ^2 /NDF: 0.5/2

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

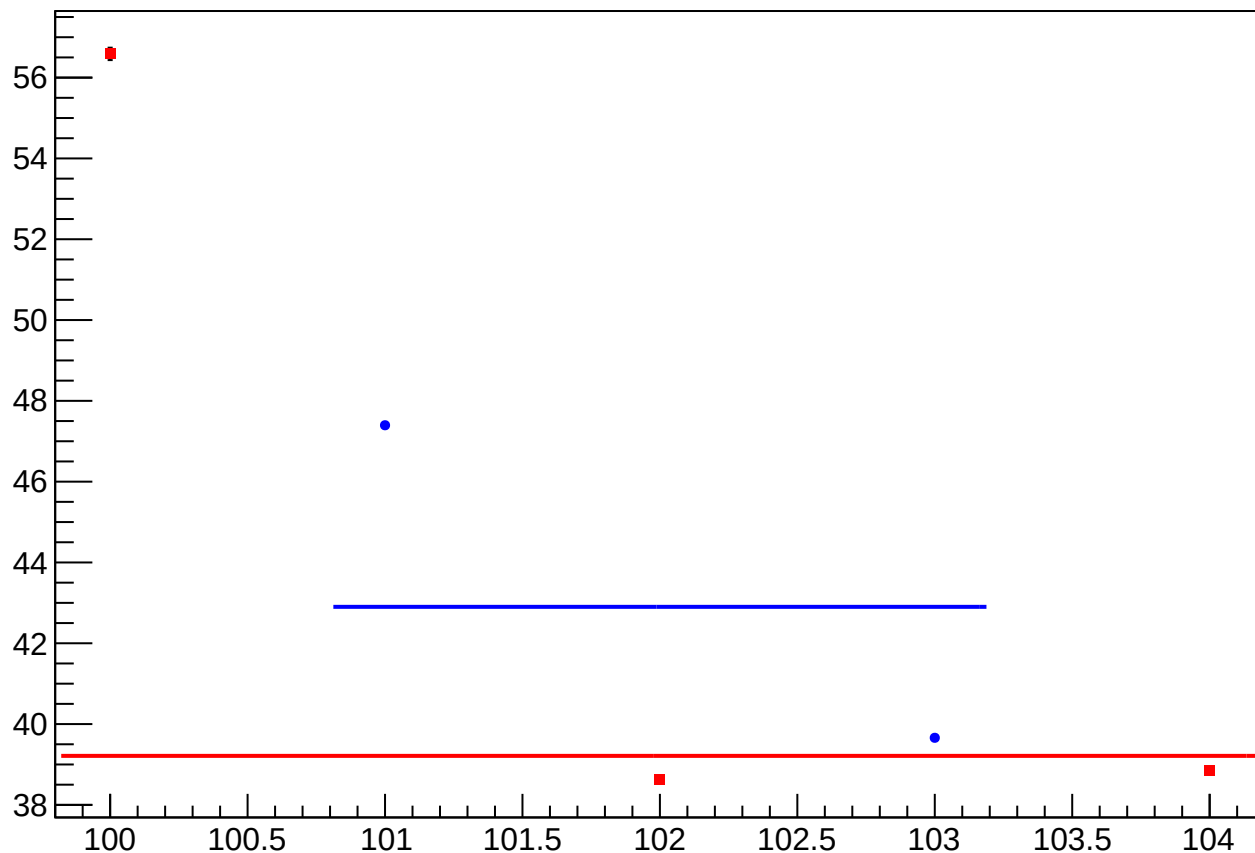
Right: 0.054 $\pm$ 0.027 χ^2 /NDF: 2.0/4

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: 0.054 $\pm$ 0.027 χ^2 /NDF: 2.0/4

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: 39.213+/-0.025 χ^2/NDF : 13150.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

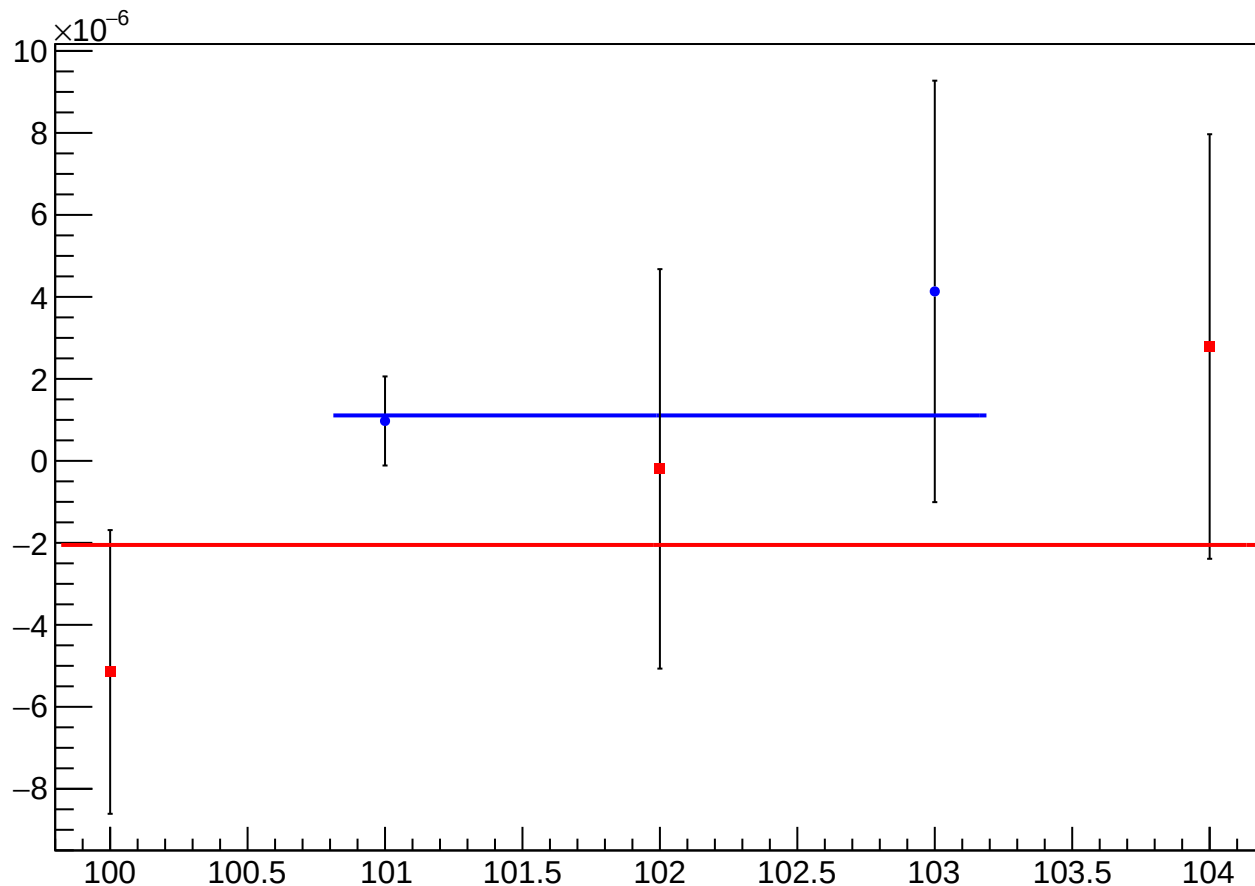
Right: 40.875+/-0.019 χ^2/NDF : 41019.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.875+/-0.019 χ^2/NDF : 41019.1/4

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 : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

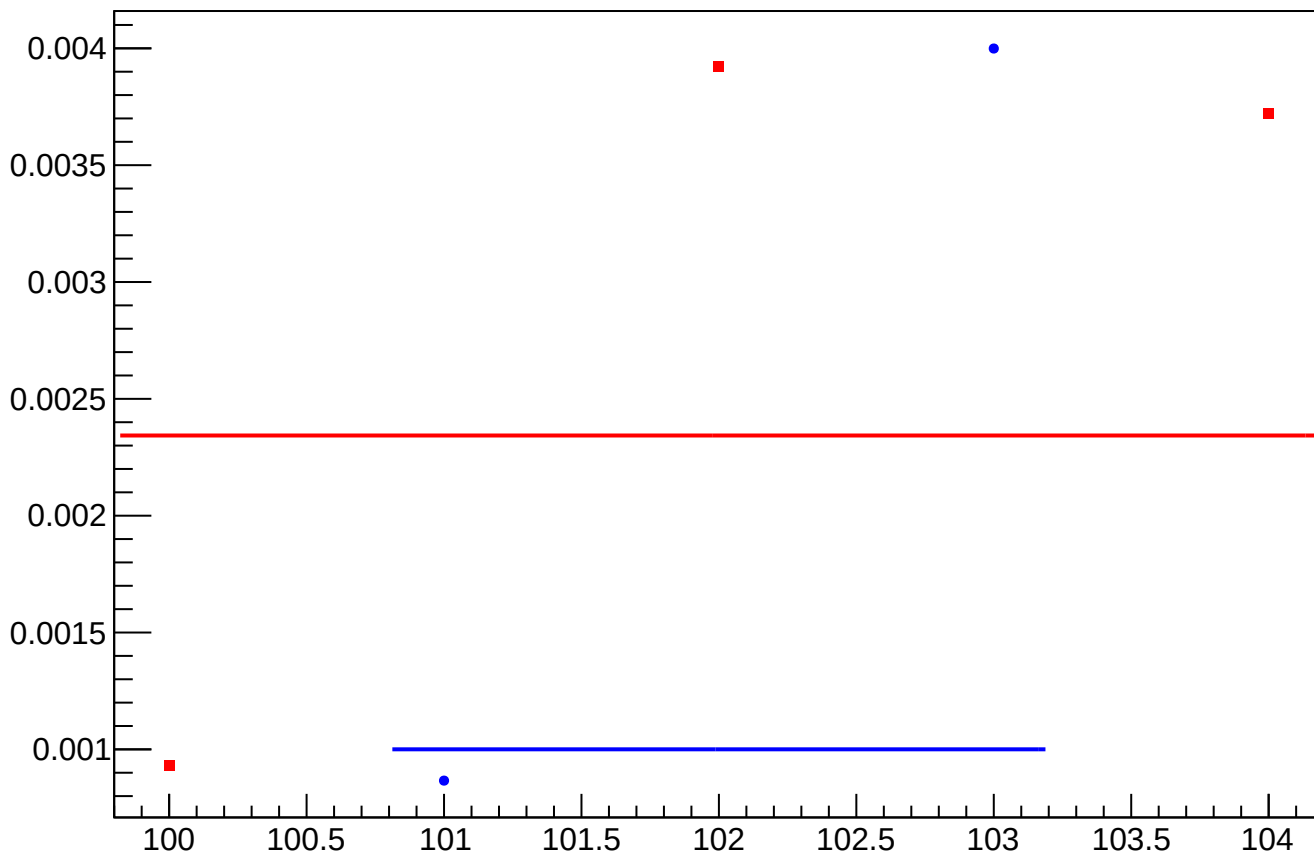
Right: 0.000+/-0.000 χ^2/NDF : 3.6/4

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 : 3.6/4

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 : 684557.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

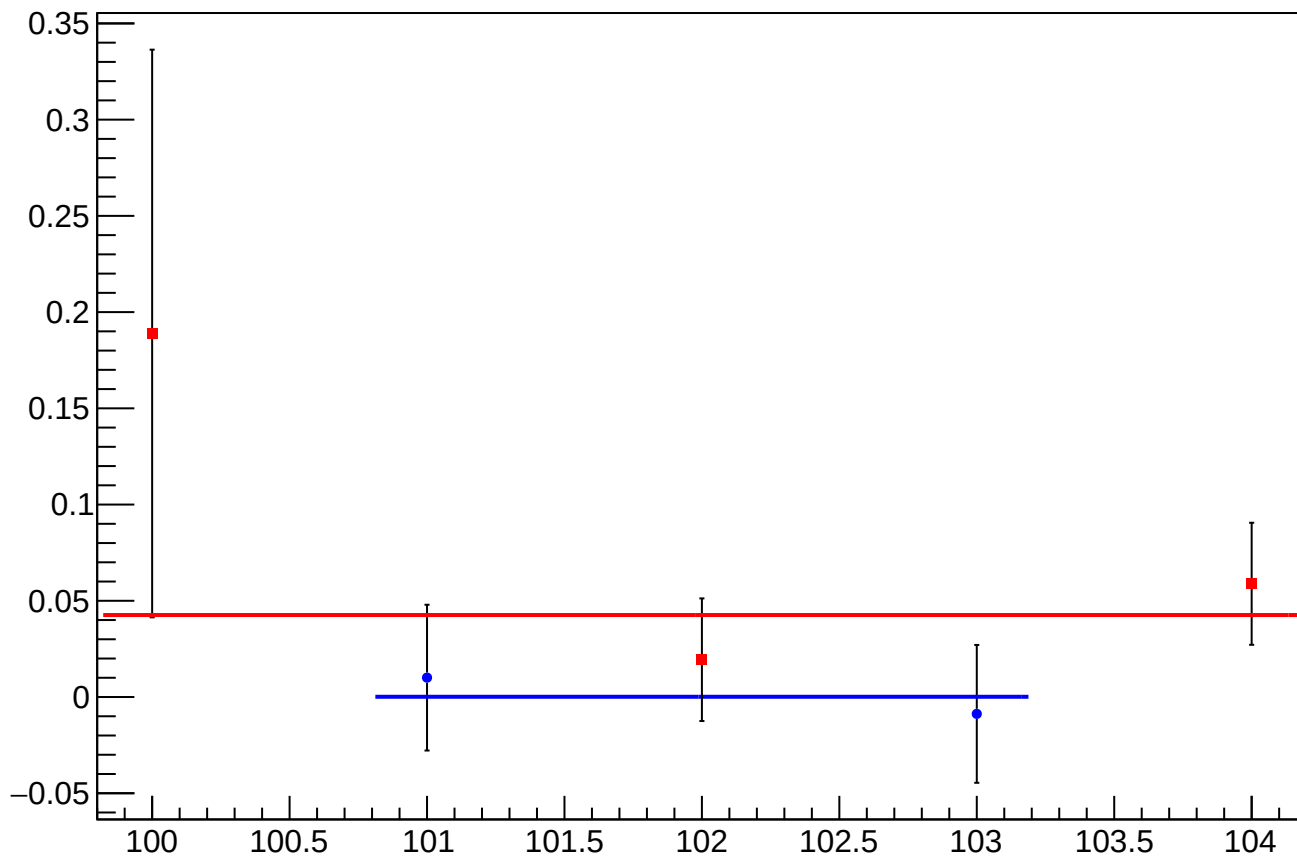
Right: 0.001+/-0.000 χ^2/NDF : 1891958.9/4

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 : 1891958.9/4

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: 0.043 $\pm$ 0.022 χ^2 /NDF: 1.8/2

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

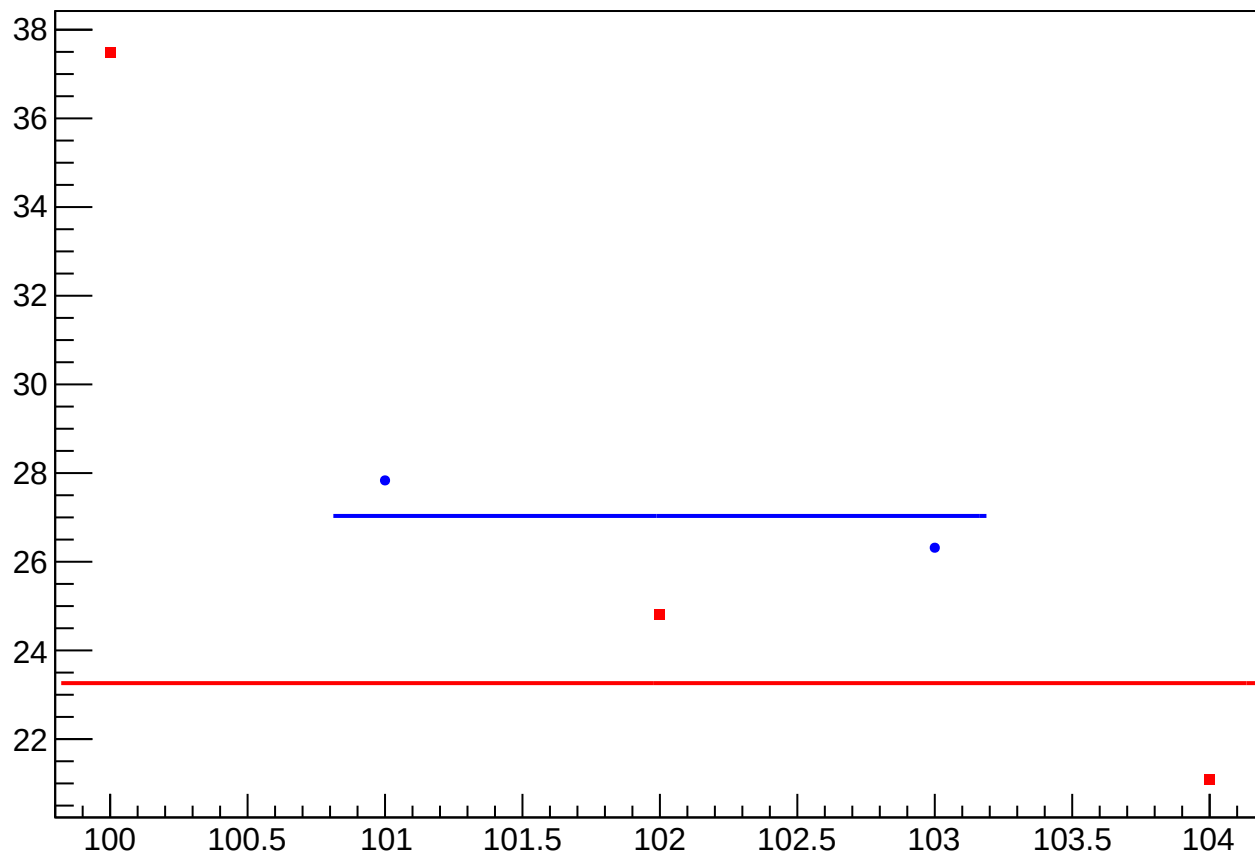
Right: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

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: 0.025 $\pm$ 0.017 χ^2 /NDF: 3.4/4

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: 23.262+/-0.016 χ^2/NDF : 32732.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

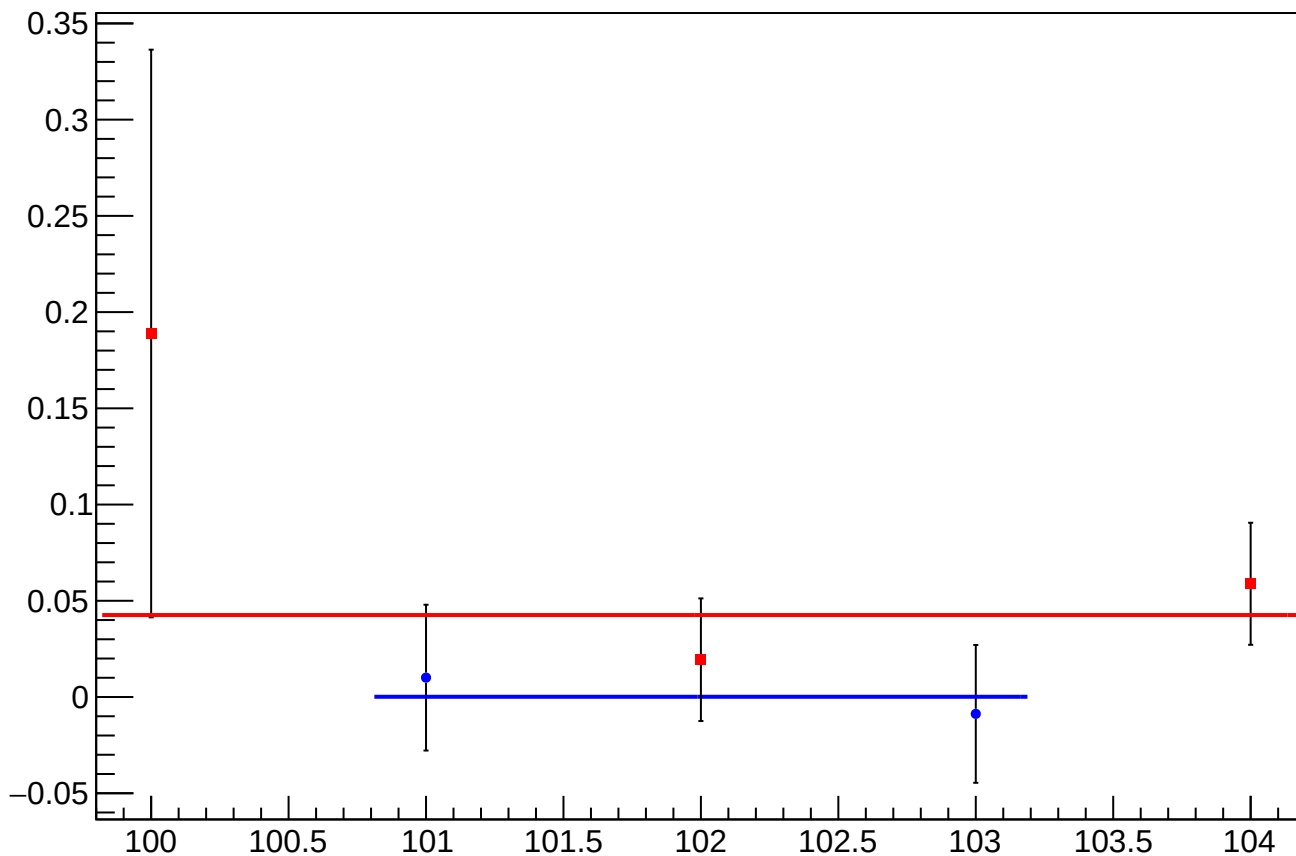
Right: 24.852+/-0.012 χ^2/NDF : 58720.8/4

In: 27.033+/-0.018 χ^2/NDF : 1697.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.852+/-0.012 χ^2/NDF : 58720.8/4

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.026 χ^2/NDF : 0.1/1

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

Right Out: 0.043+/-0.022 χ^2/NDF : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

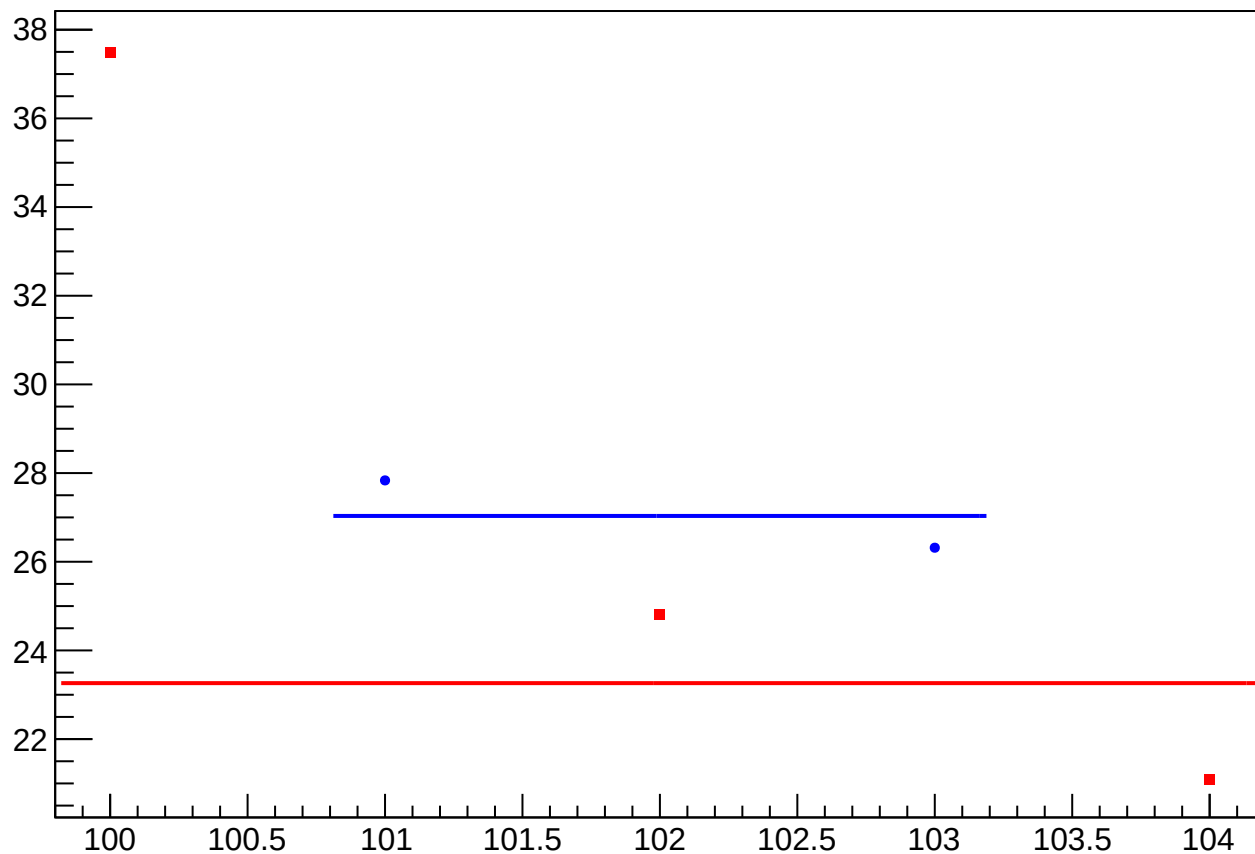
Right: 0.025+/-0.017 χ^2/NDF : 3.4/4

In: 0.000+/-0.026 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.017 χ^2/NDF : 3.4/4

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: 23.262+/-0.016 χ^2/NDF : 32732.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

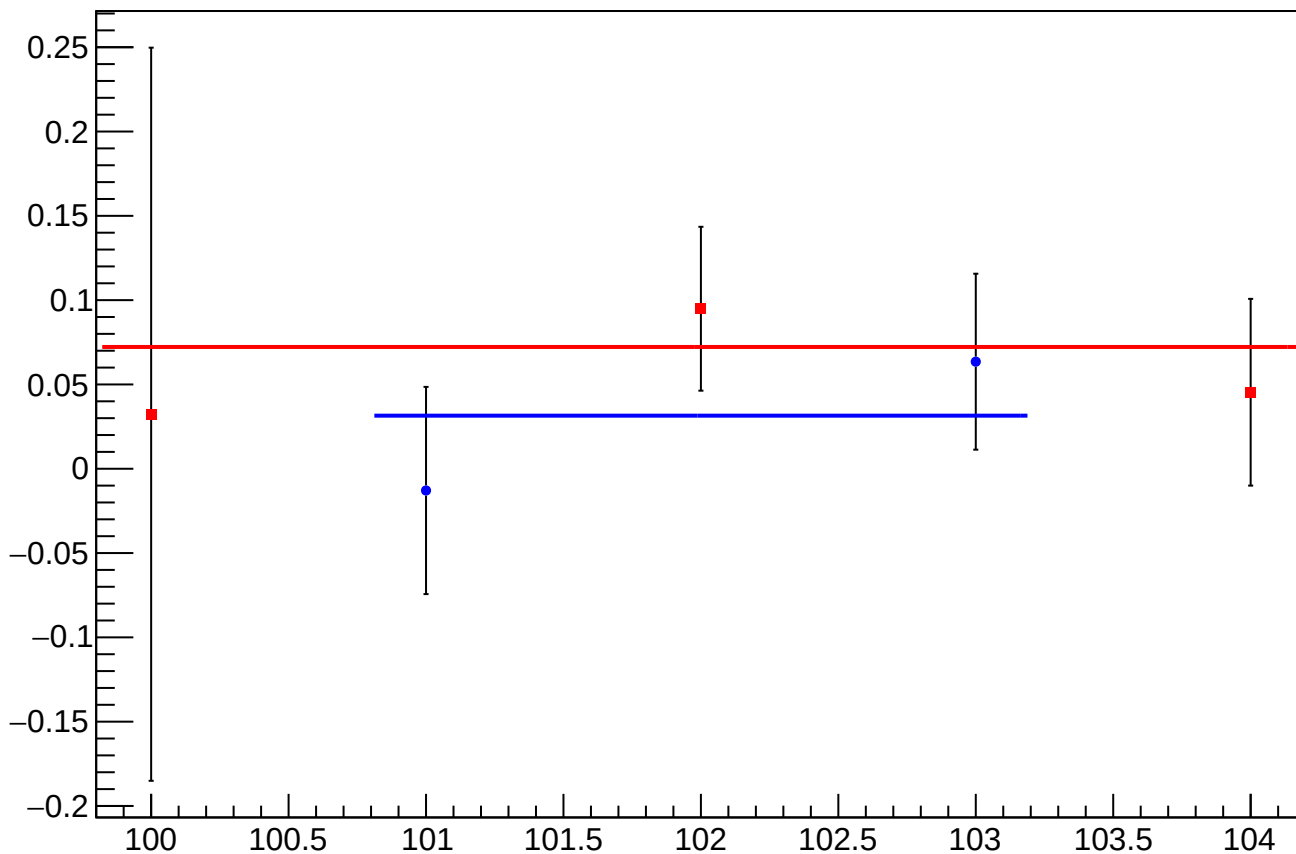
Right: 24.852+/-0.012 χ^2/NDF : 58720.8/4

In: 27.033+/-0.018 χ^2/NDF :1697.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.852+/-0.012 χ^2/NDF : 58720.8/4

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.072+/-0.036 χ^2/NDF : 0.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

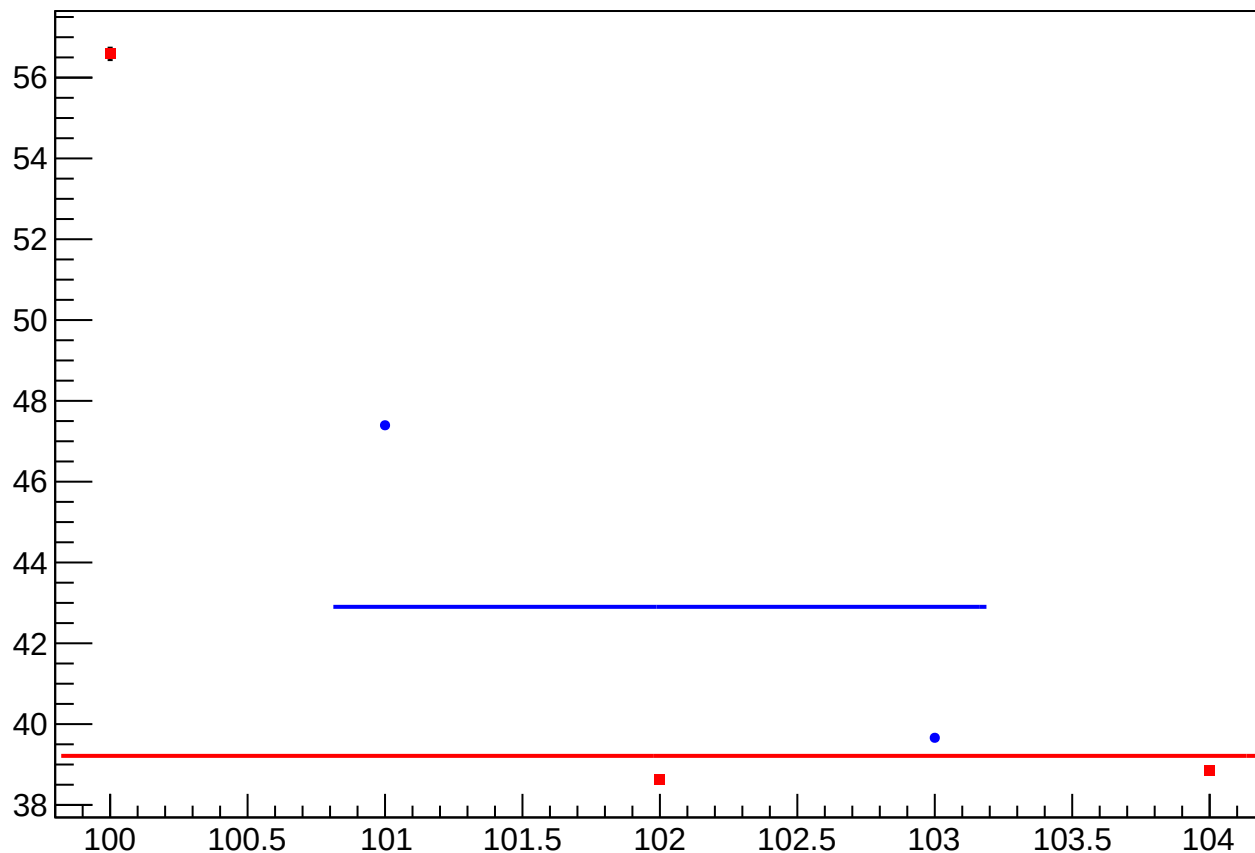
Right: 0.054+/-0.027 χ^2/NDF : 2.0/4

In: 0.031+/-0.040 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.027 χ^2/NDF : 2.0/4

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: 39.214+/-0.025 χ^2/NDF : 13149.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

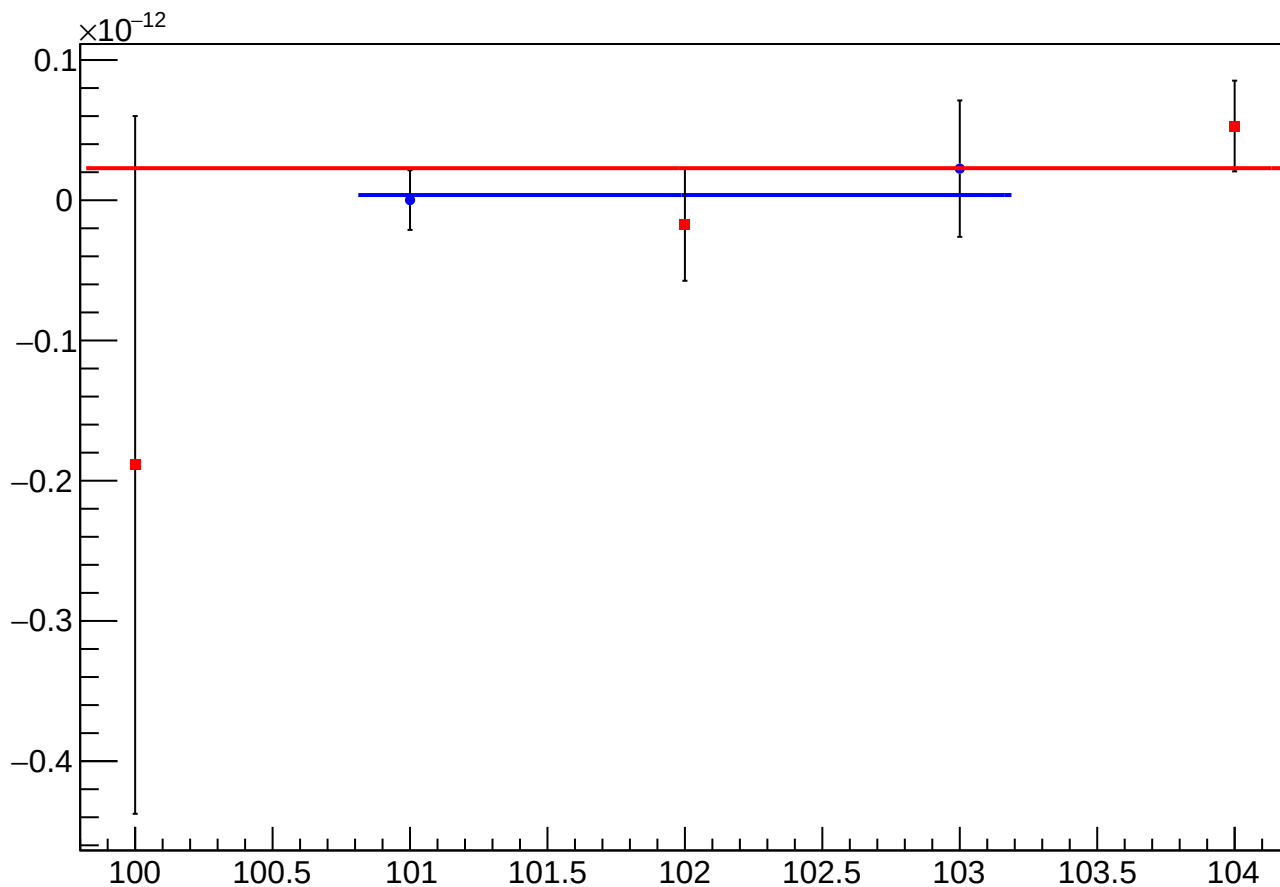
Right: 40.876+/-0.019 χ^2/NDF : 41010.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.876+/-0.019 χ^2/NDF : 41010.6/4

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 : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

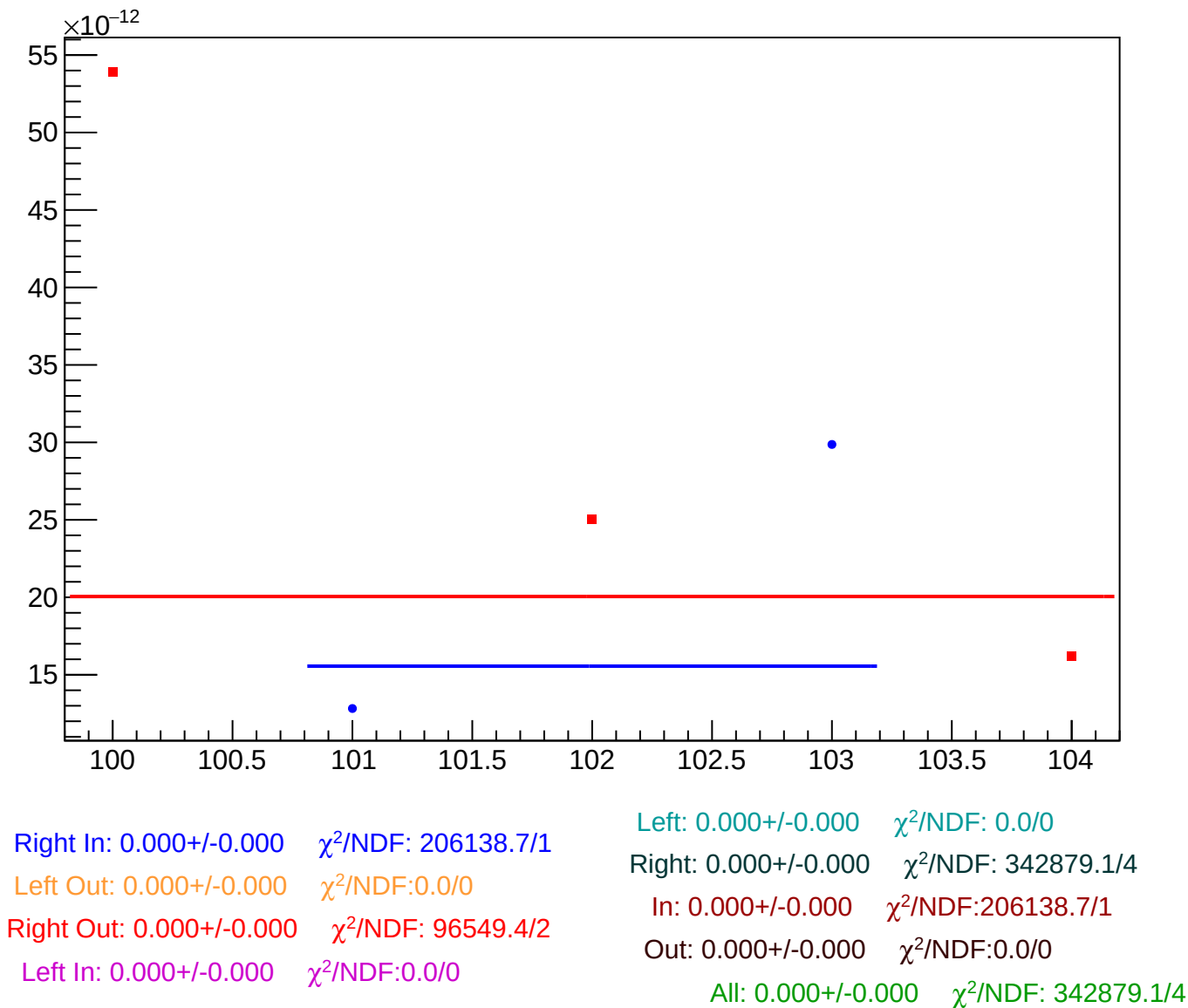
Right: 0.000+/-0.000 χ^2/NDF : 3.2/4

In: 0.000+/-0.000 χ^2/NDF : 0.2/1

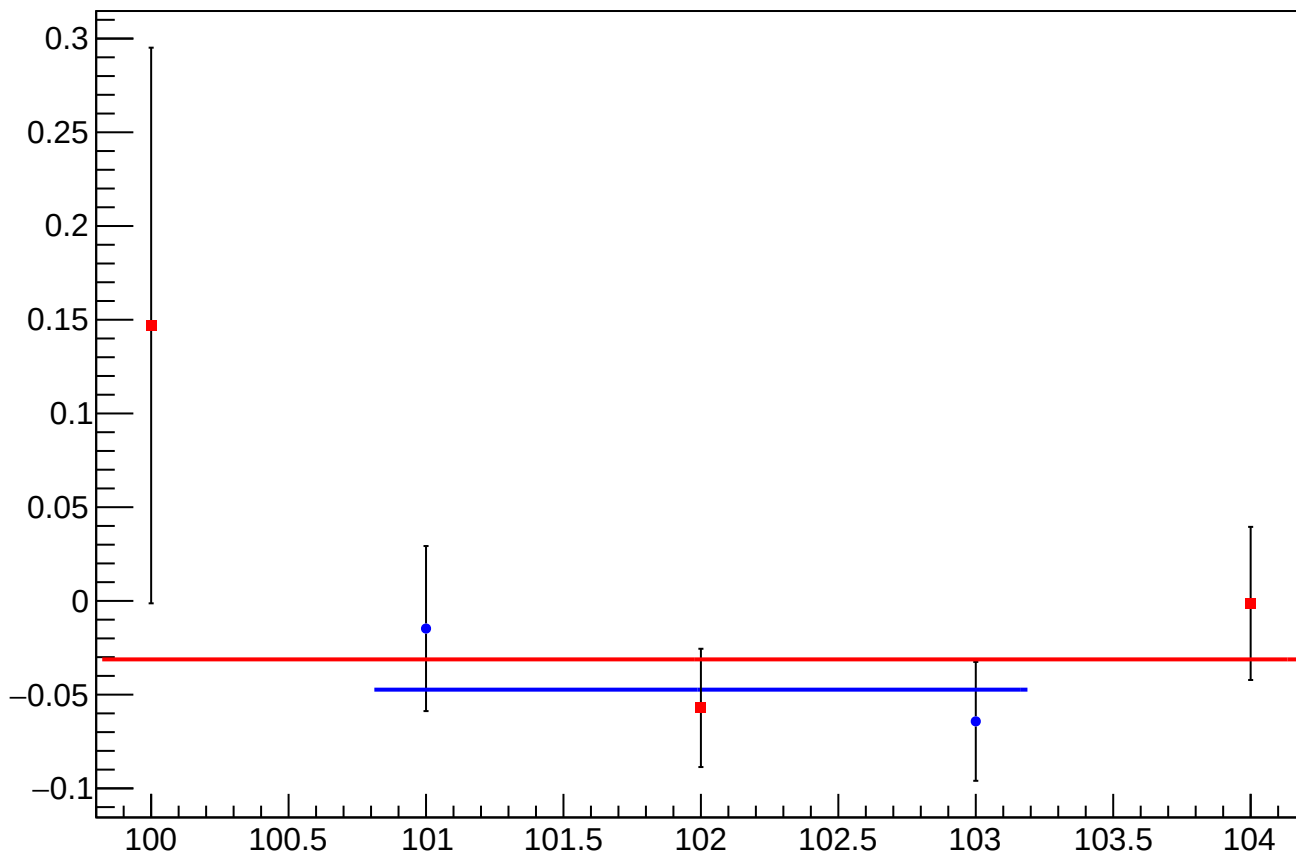
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.2/4

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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: -0.031 $\pm$ 0.025 χ^2 /NDF: 2.7/2

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

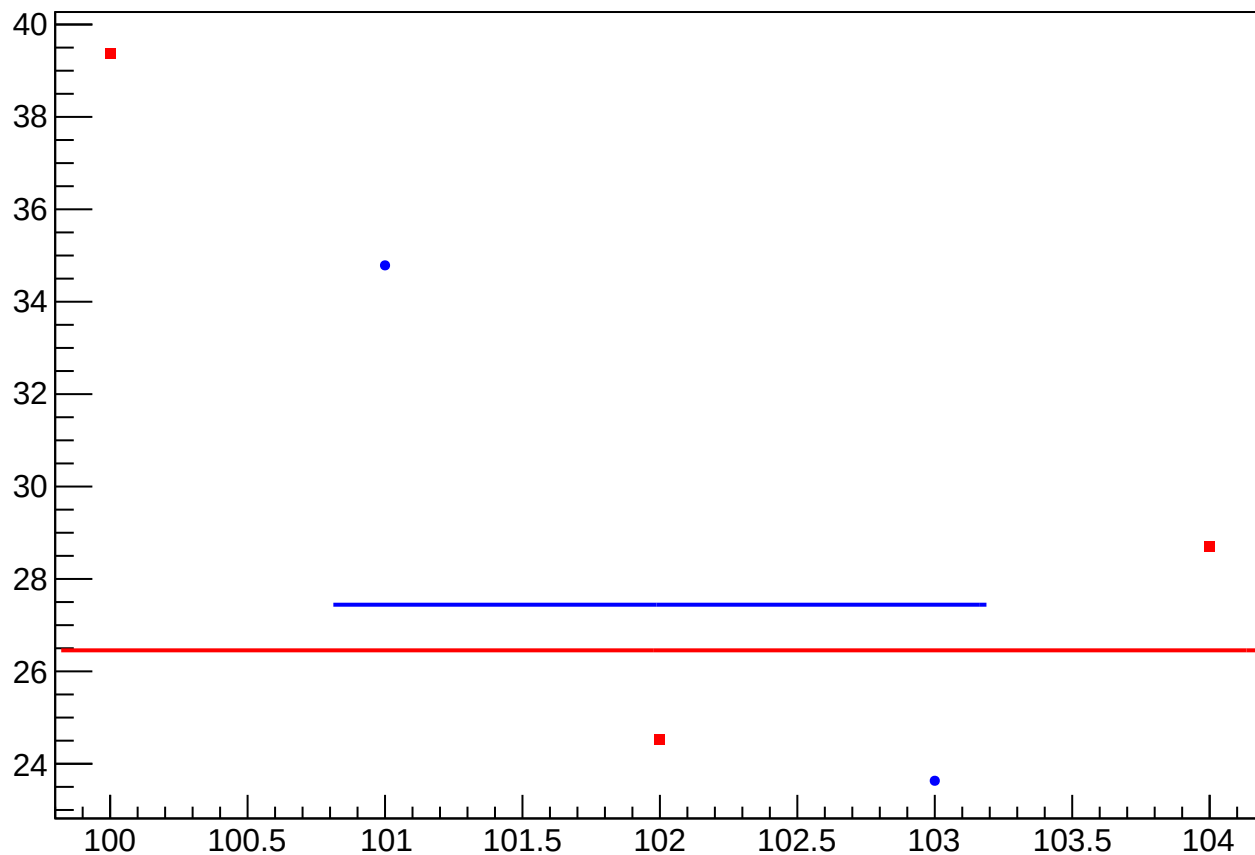
Right: -0.039 $\pm$ 0.018 χ^2 /NDF: 3.7/4

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: -0.039 $\pm$ 0.018 χ^2 /NDF: 3.7/4

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: 26.455+/-0.017 χ^2/NDF : 28687.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

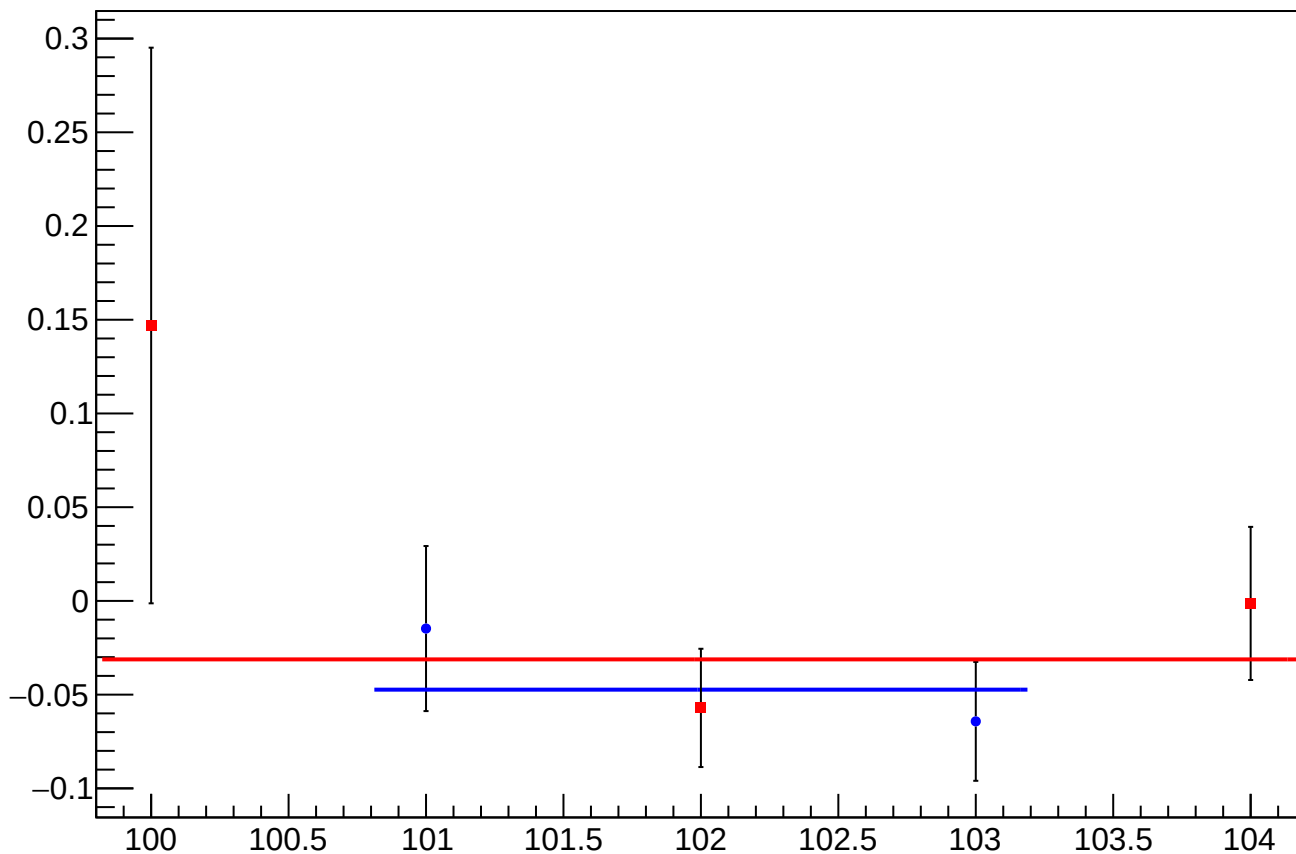
Right: 26.927+/-0.013 χ^2/NDF : 114757.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.927+/-0.013 χ^2/NDF : 114757.2/4

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: -0.031 $\pm$ 0.025 χ^2 /NDF: 2.7/2

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

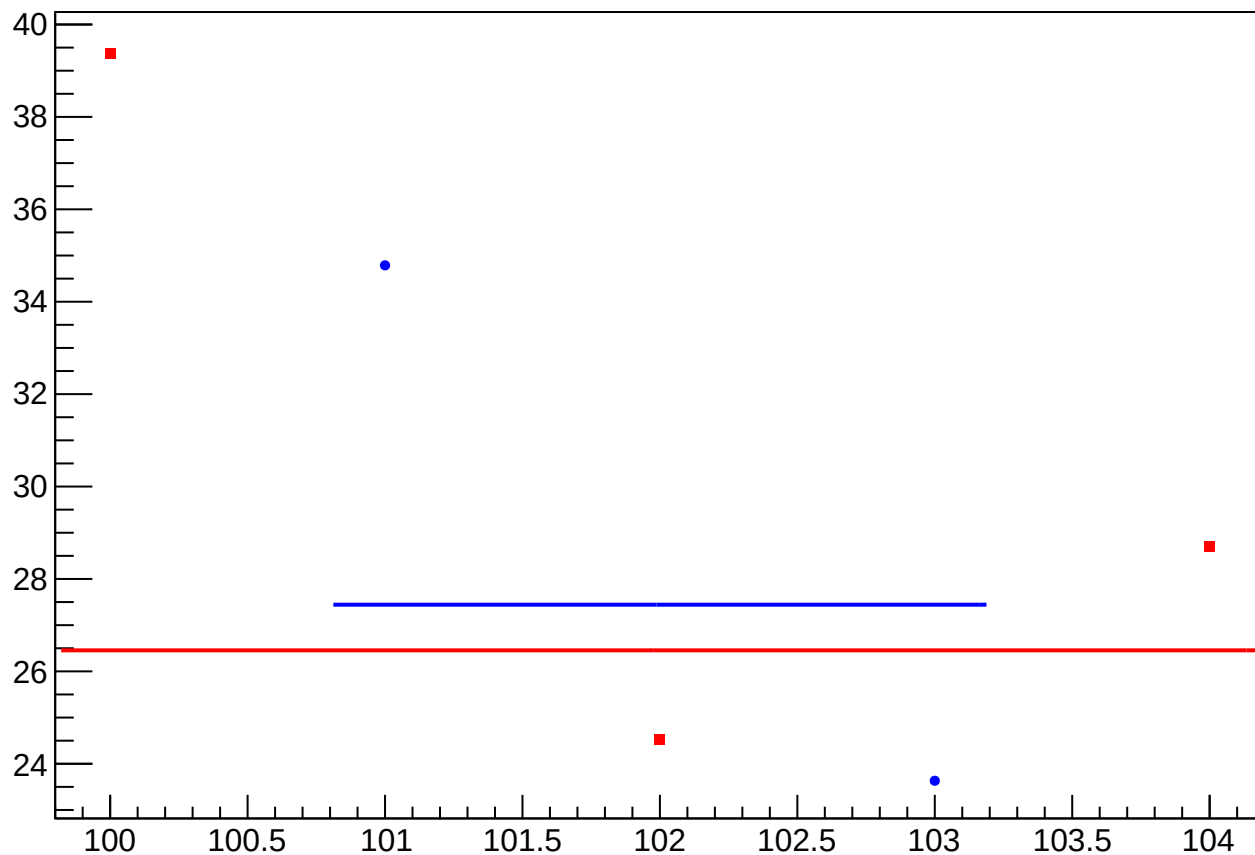
Right: -0.039 $\pm$ 0.018 χ^2 /NDF: 3.7/4

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: -0.039 $\pm$ 0.018 χ^2 /NDF: 3.7/4

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: 26.455+/-0.017 χ^2/NDF : 28687.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

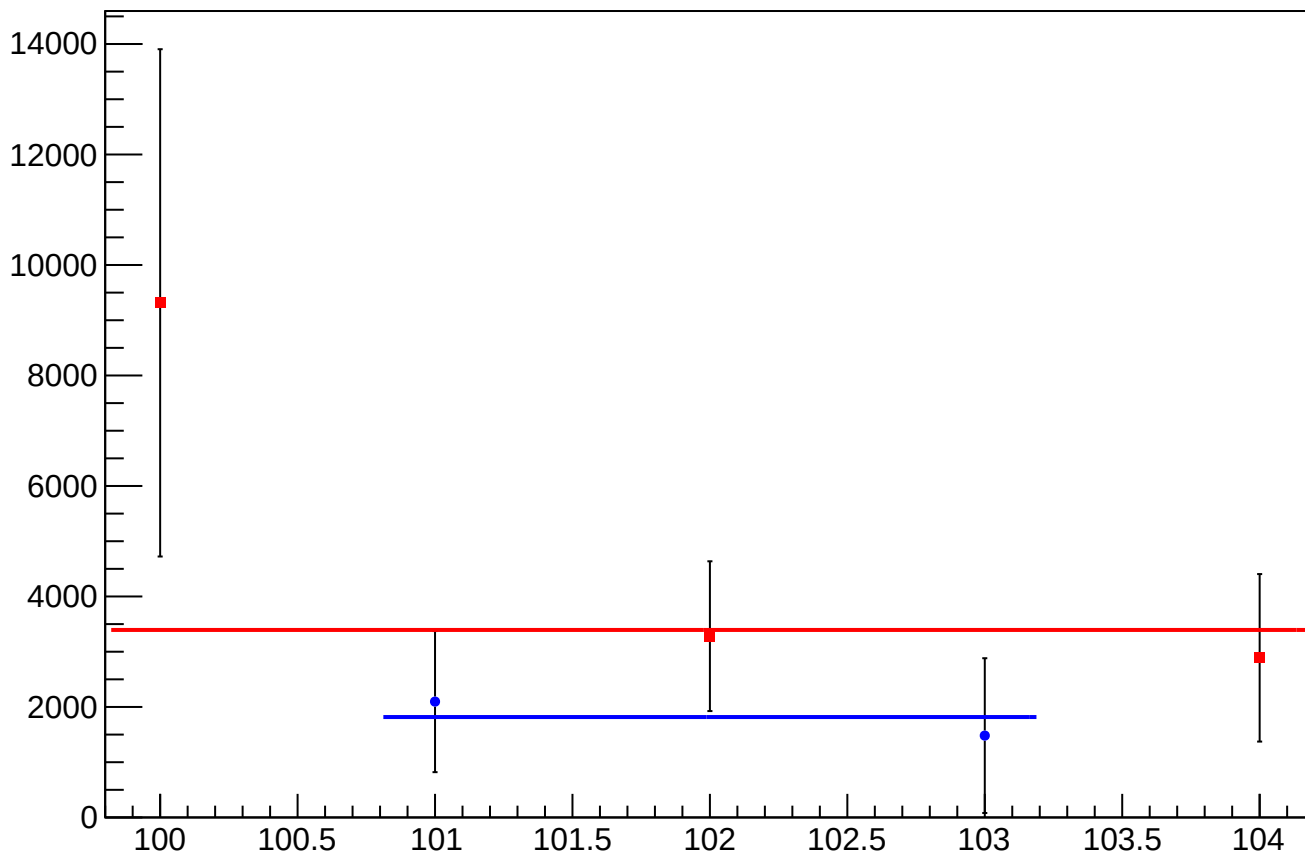
Right: 26.927+/-0.013 χ^2/NDF : 114757.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.927+/-0.013 χ^2/NDF : 114757.2/4

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: 3394.005+/-986.885 χ^2/NDF : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

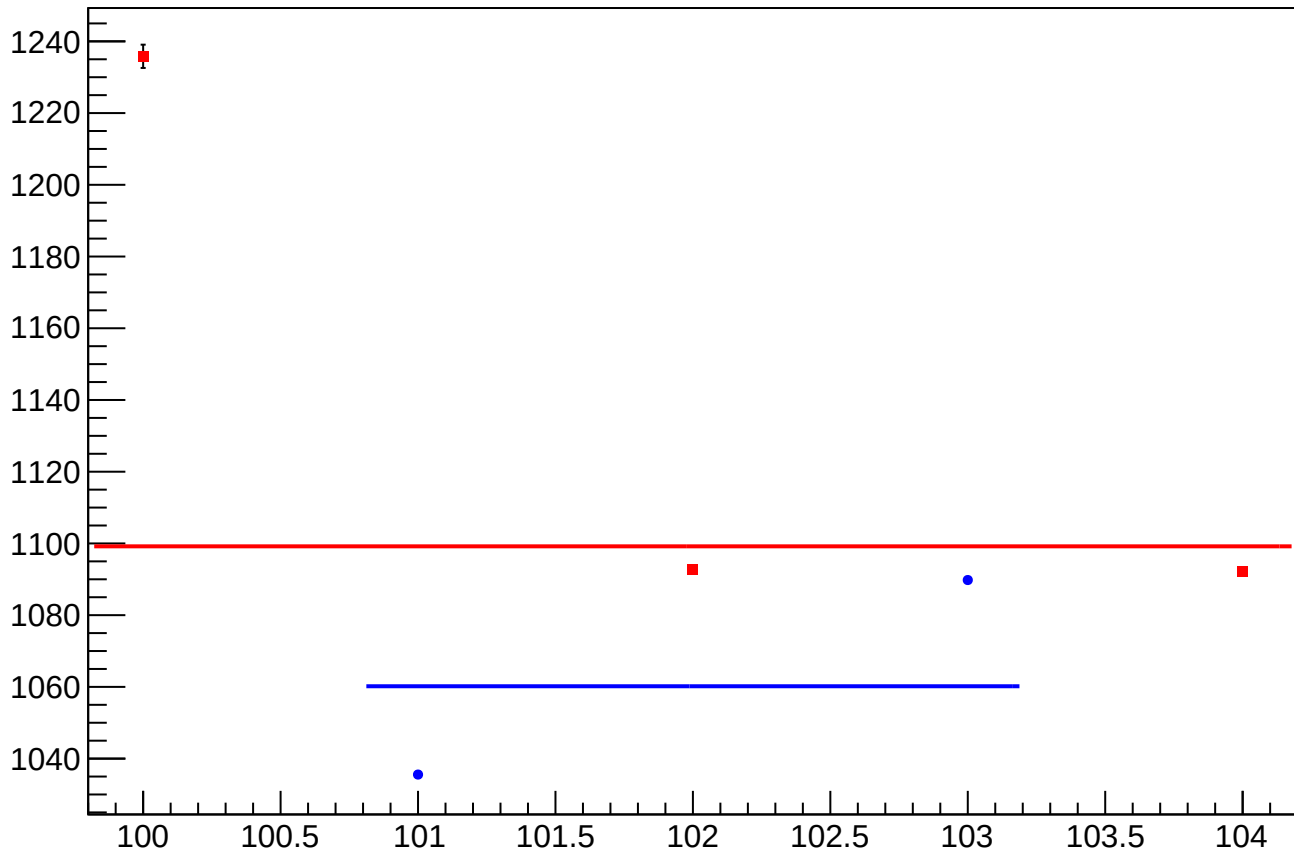
Right: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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: 1099.192+/-0.698 χ^2/NDF : 1857.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

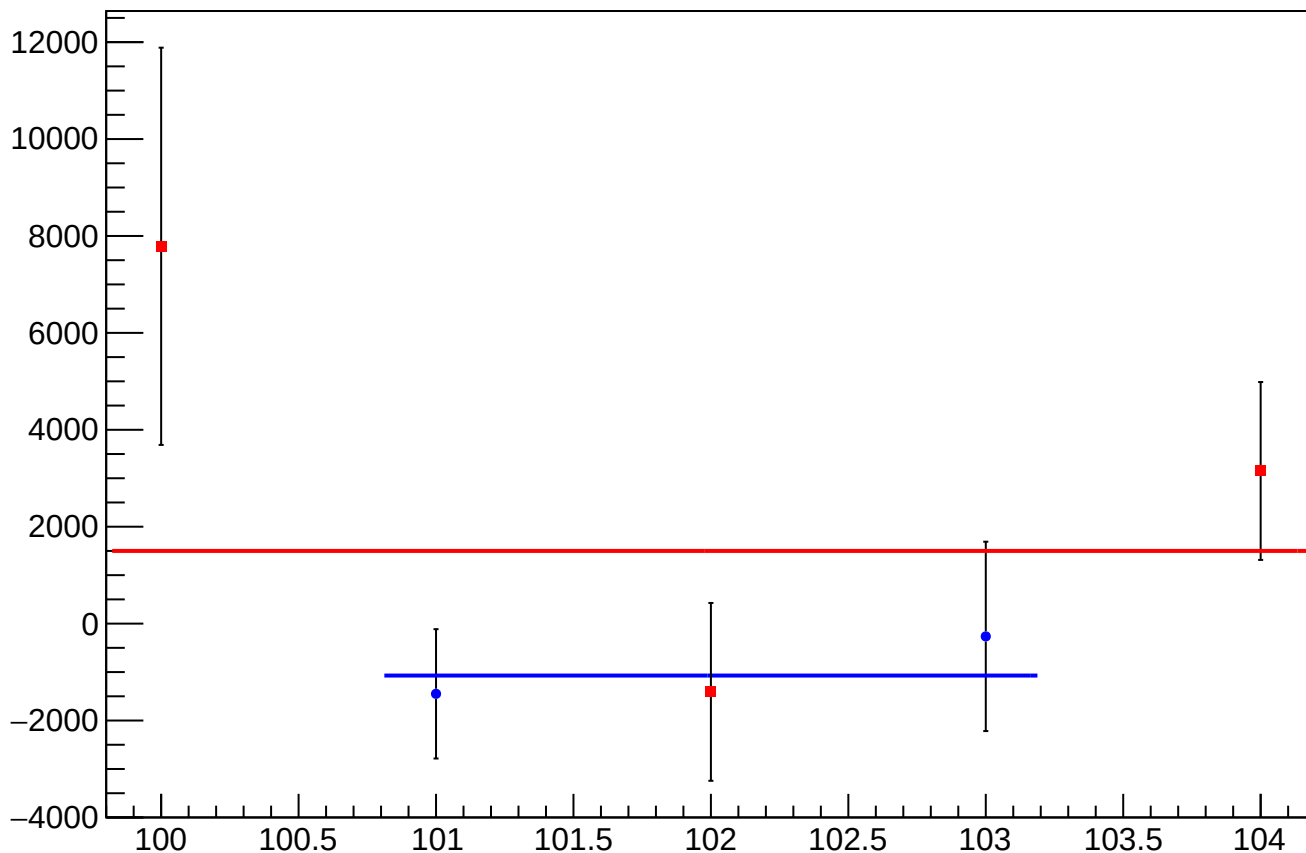
Right: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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: 1500.151 $\pm$ 1237.155 χ^2 /NDF: 5.7/2

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

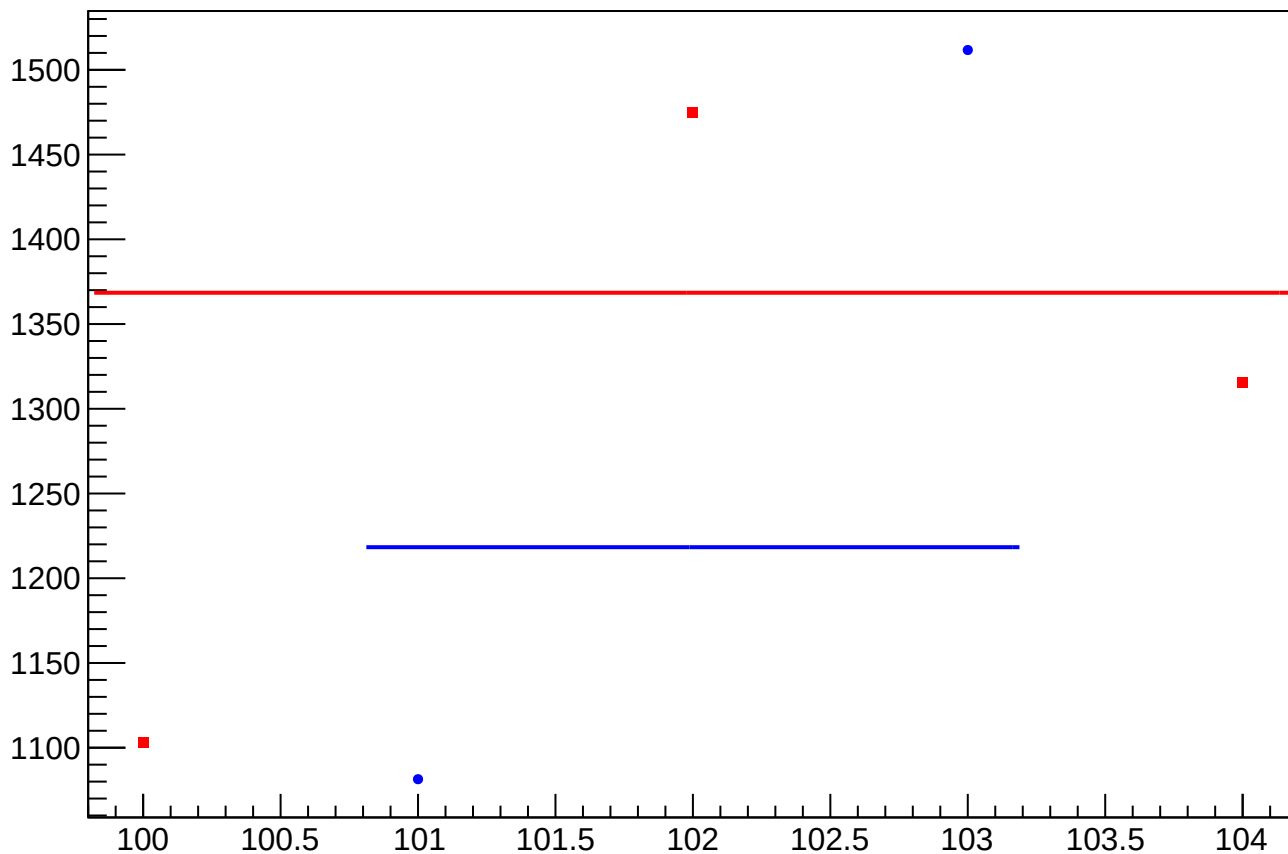
Right: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

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: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

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: 1368.473+/-0.875 χ^2/NDF : 16735.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

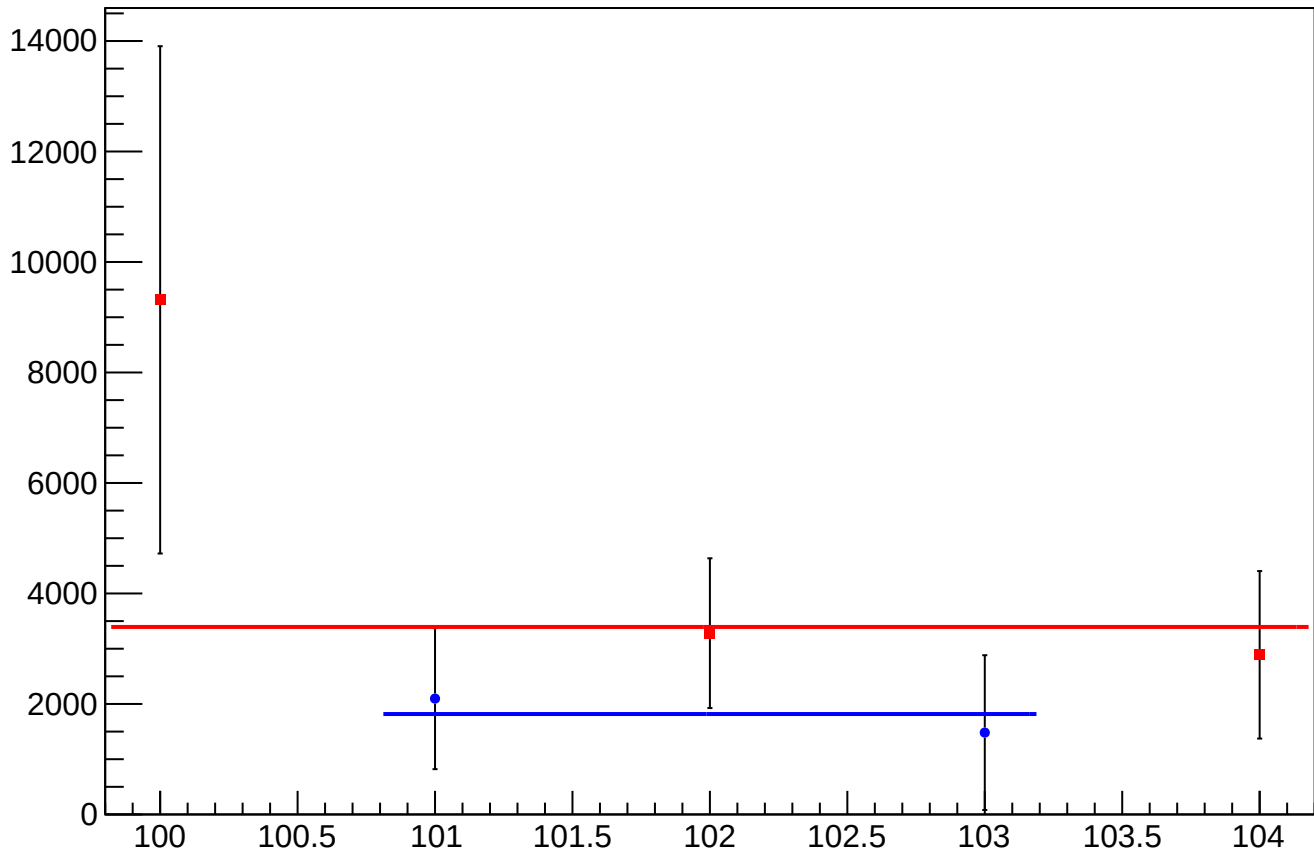
Right: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

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: 3394.005+/-986.885 χ^2/NDF : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

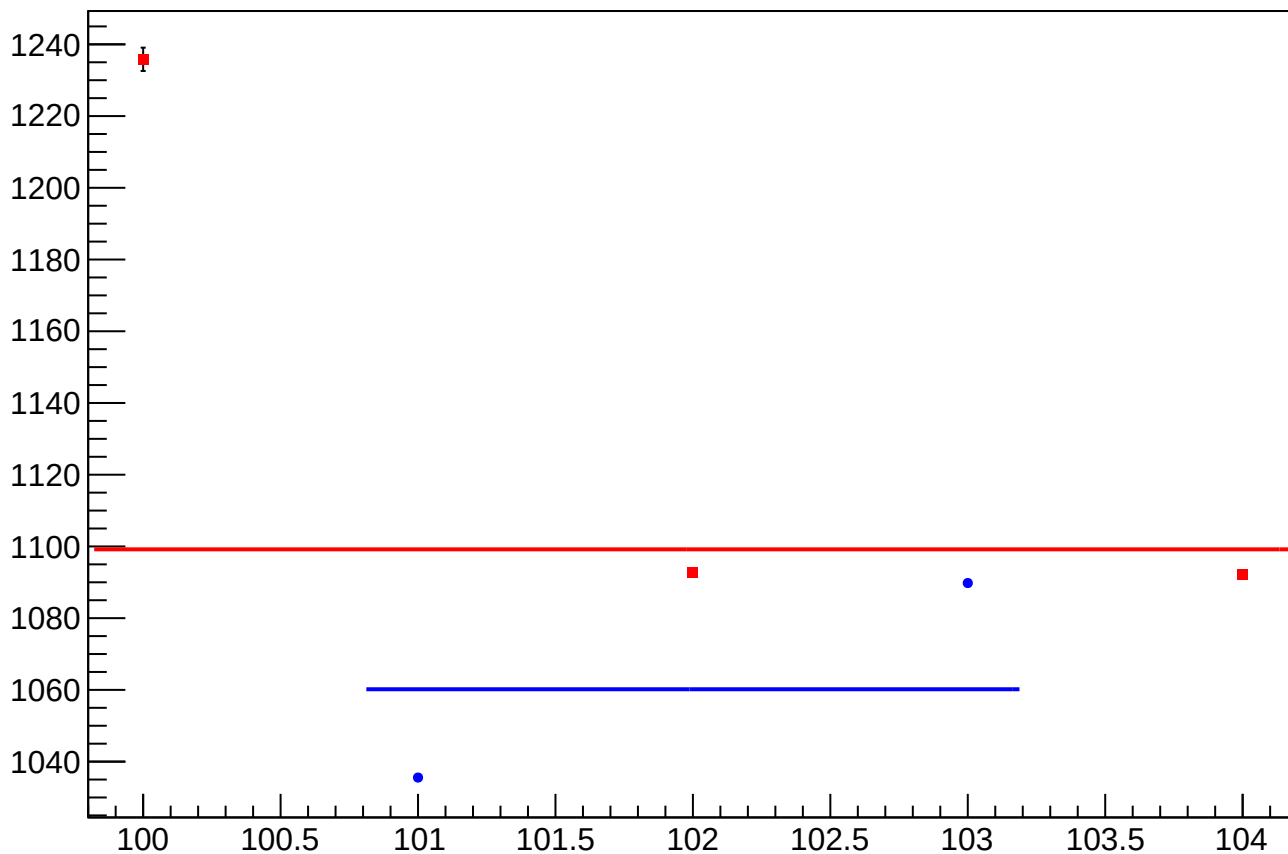
Right: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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: 1099.192+/-0.698 χ^2/NDF : 1857.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

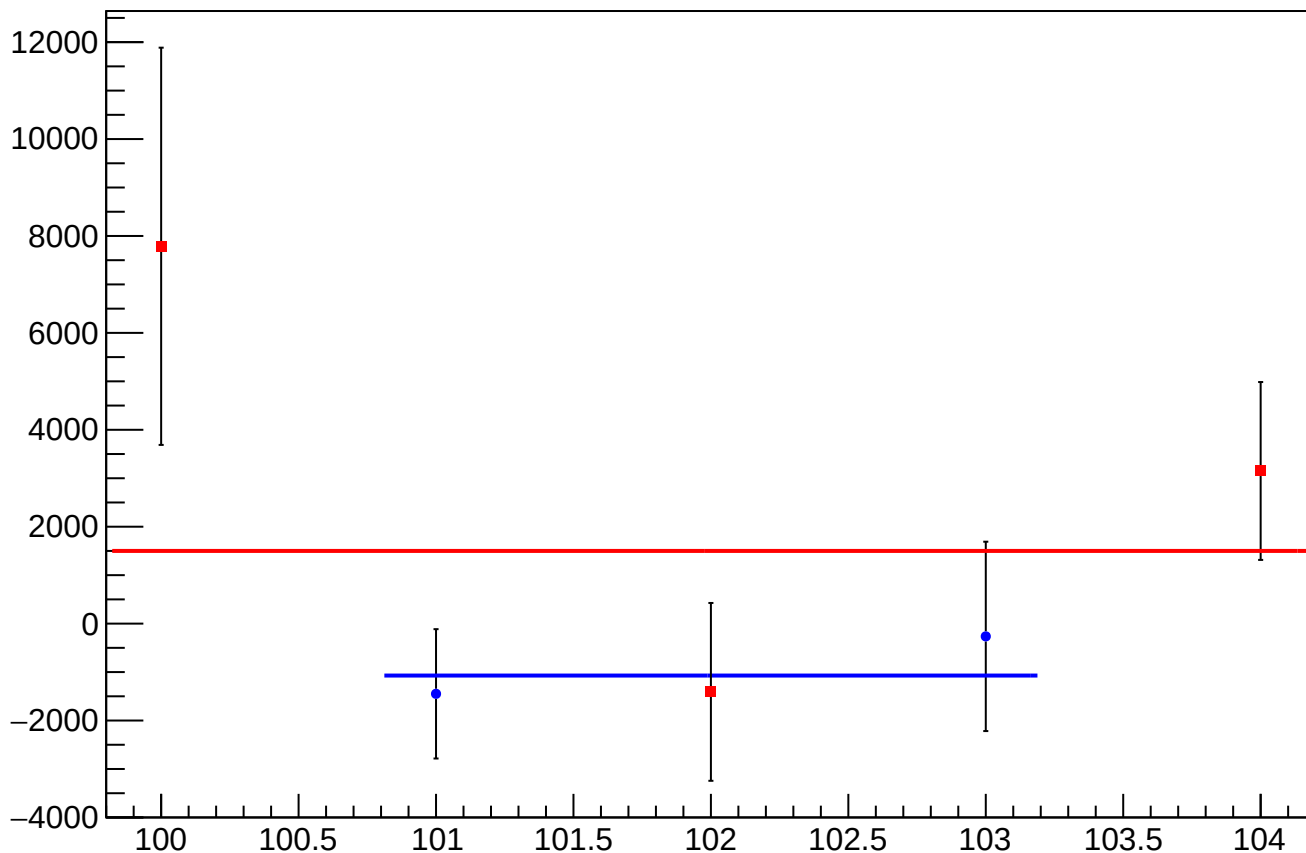
Right: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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: 1500.151 $\pm$ 1237.155 χ^2 /NDF: 5.7/2

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

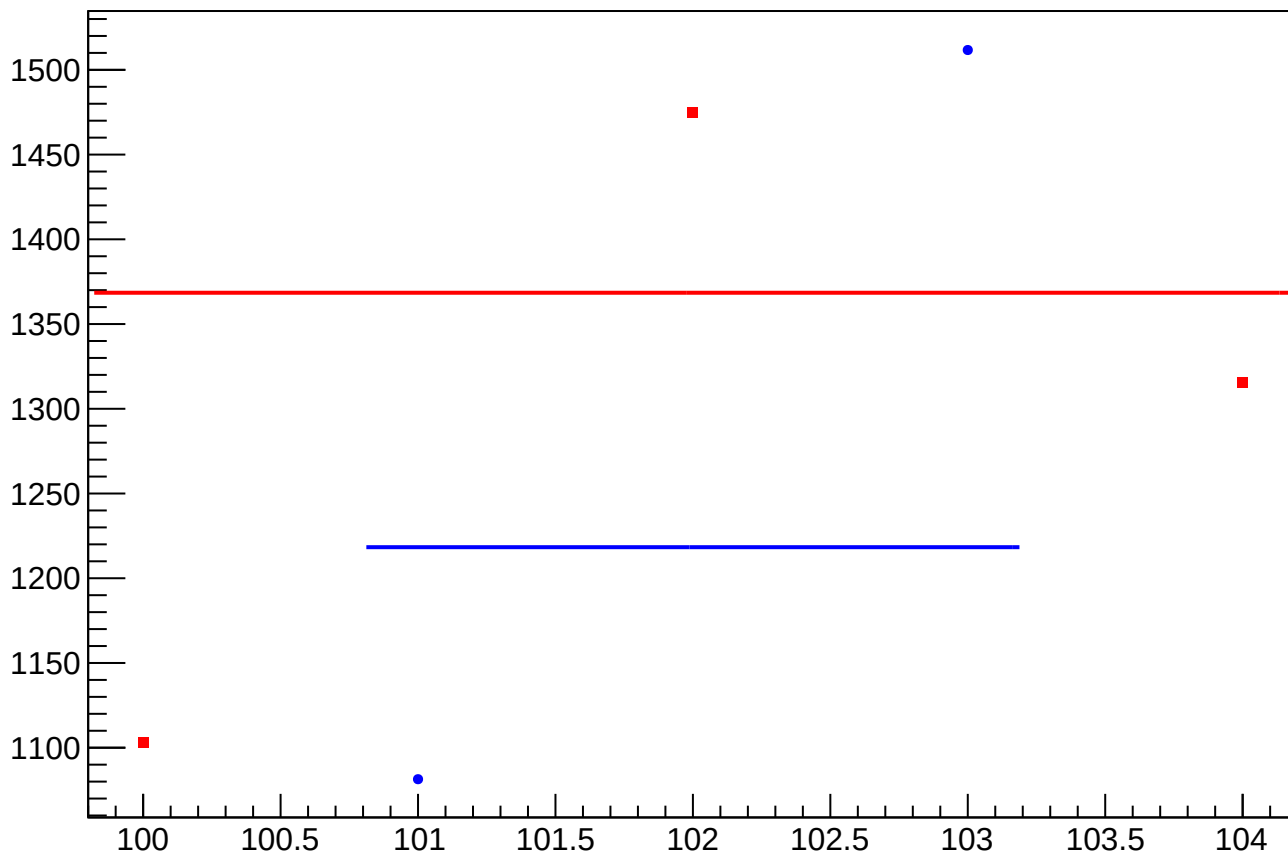
Right: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

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: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

asym_usl_cor_correction_rms vs Slug, Sign Corrected



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

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

Right Out: 1368.473+/-0.875 χ^2/NDF : 16735.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

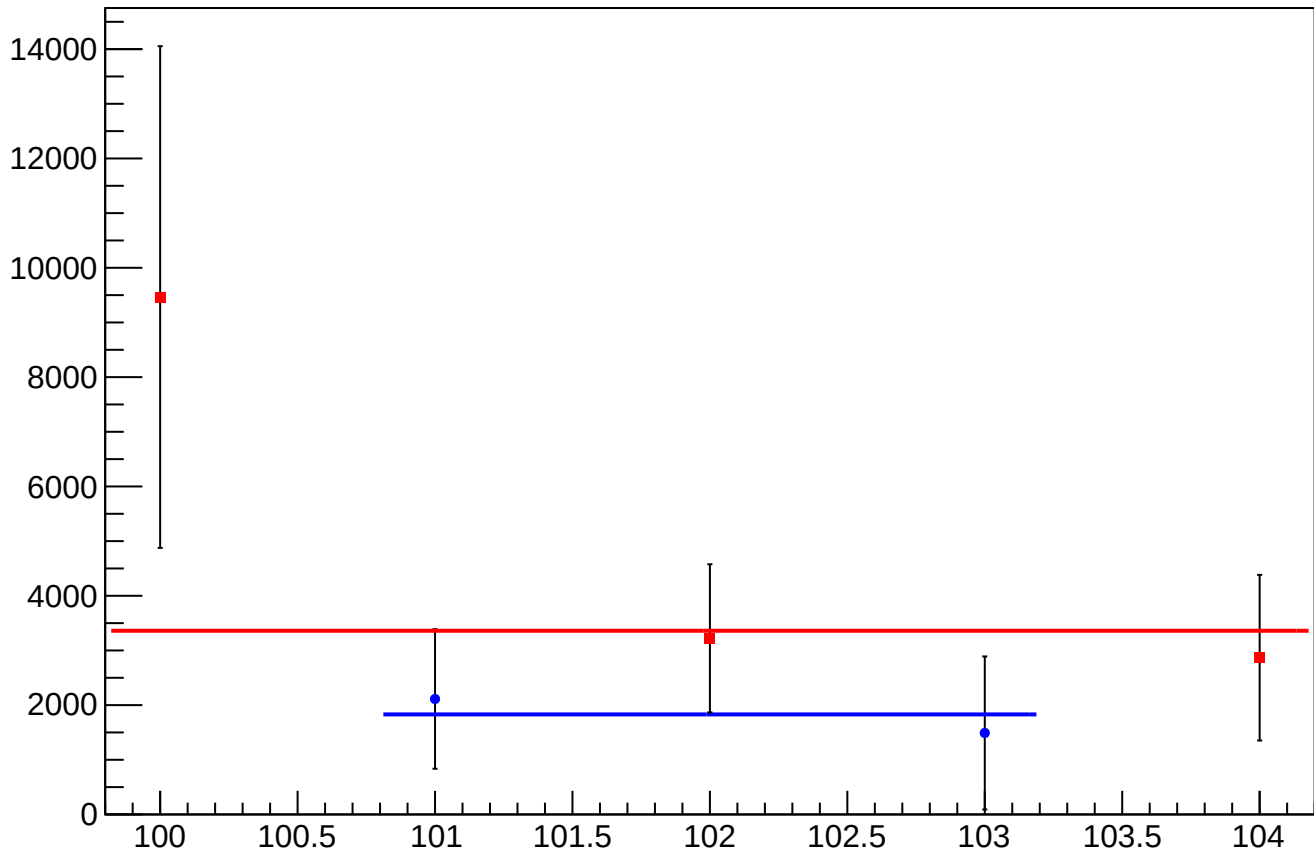
Right: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1830.072 $\pm$ 943.228 χ^2/NDF : 0.1/1

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

Right Out: 3360.486 $\pm$ 986.423 χ^2/NDF : 1.9/2

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

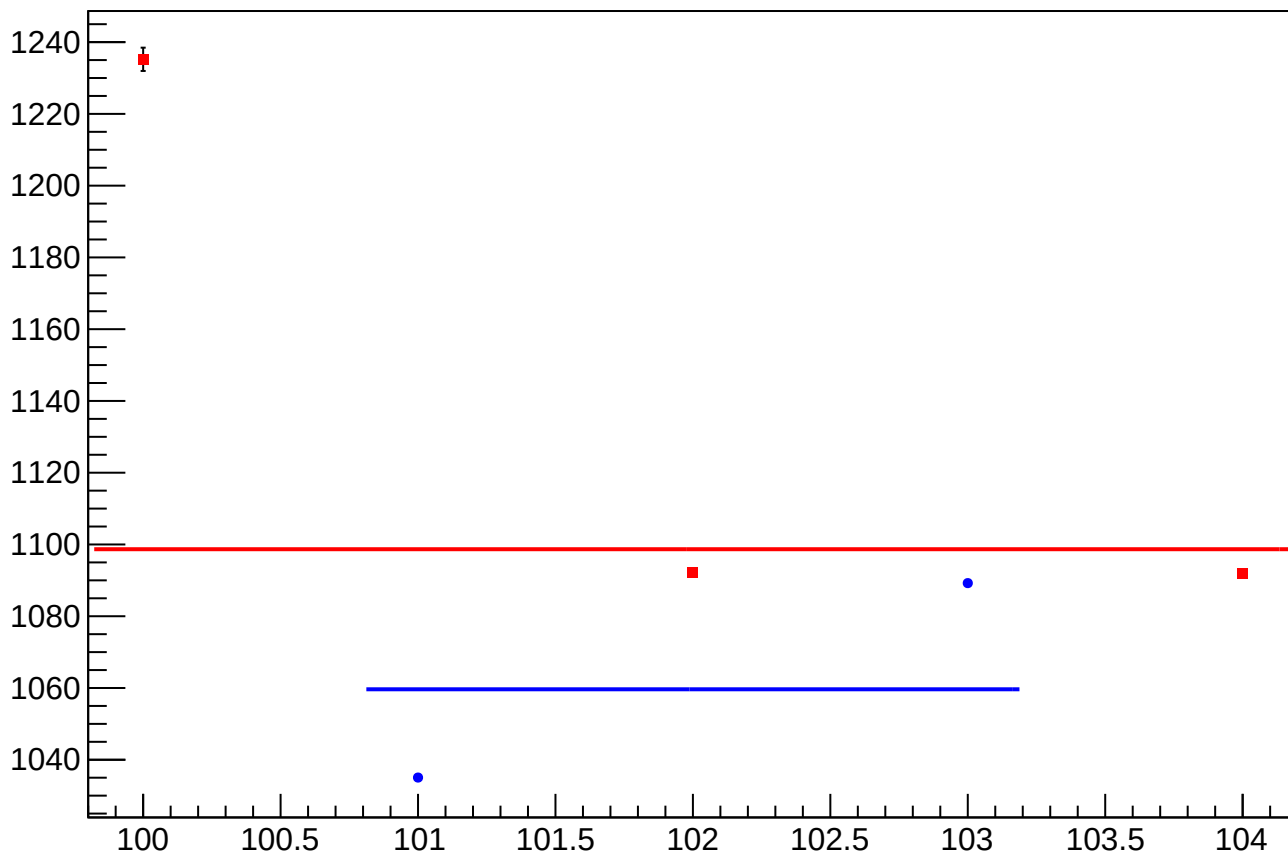
Right: 2561.038 $\pm$ 681.722 χ^2/NDF : 3.3/4

In: 1830.072 $\pm$ 943.228 χ^2/NDF :0.1/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 2561.038 $\pm$ 681.722 χ^2/NDF : 3.3/4

overload_cor_asym_usl_rms vs Slug, Sign Corrected



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

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

Right Out: 1098.678+/-0.698 χ^2/NDF : 1856.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

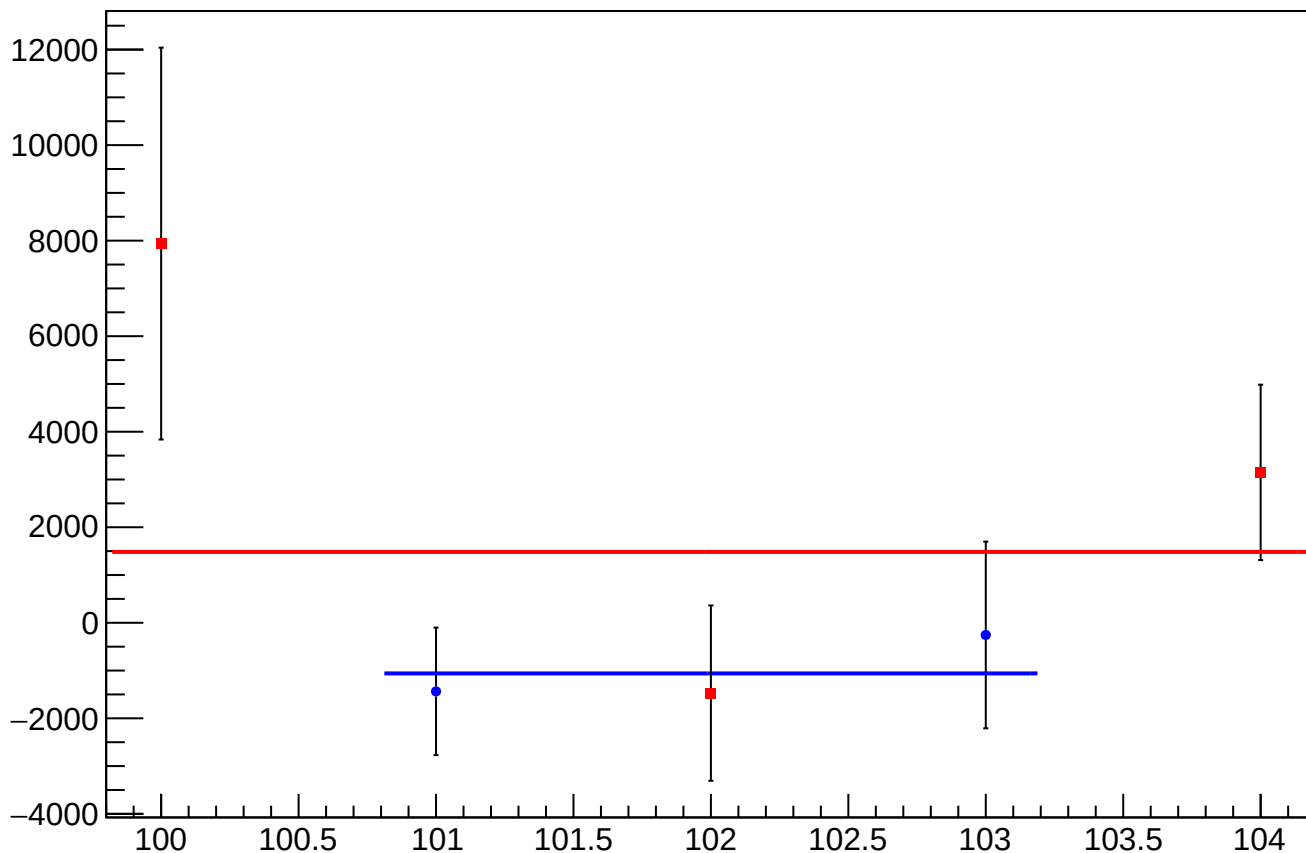
Right: 1078.285+/-0.482 χ^2/NDF : 5128.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.285+/-0.482 χ^2/NDF : 5128.9/4

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: 1483.763+/-1237.556 χ^2 /NDF: 5.9/2

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

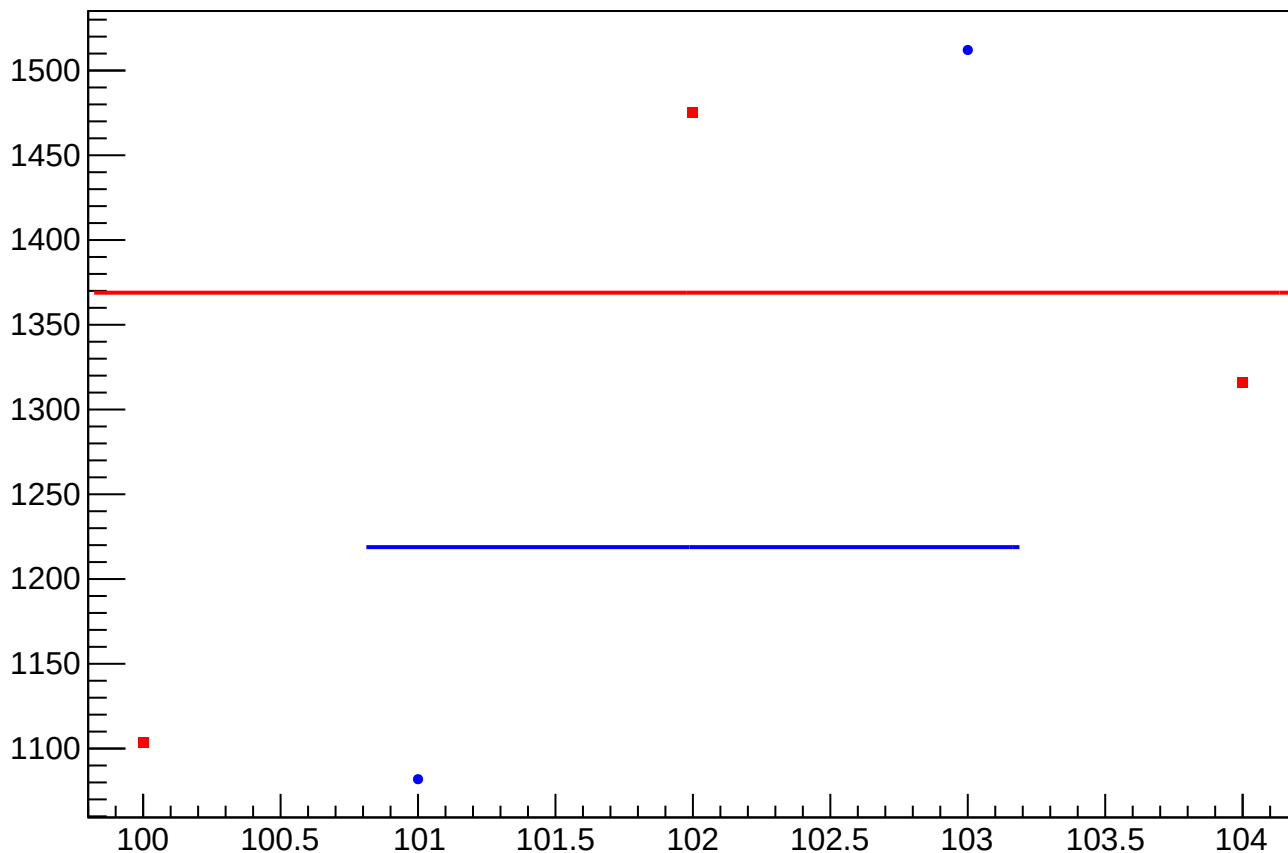
Right: 65.663+/-823.248 χ^2 /NDF: 8.5/4

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

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 65.663+/-823.248 χ^2 /NDF: 8.5/4

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: 1368.932+/-0.875 χ^2/NDF : 16697.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

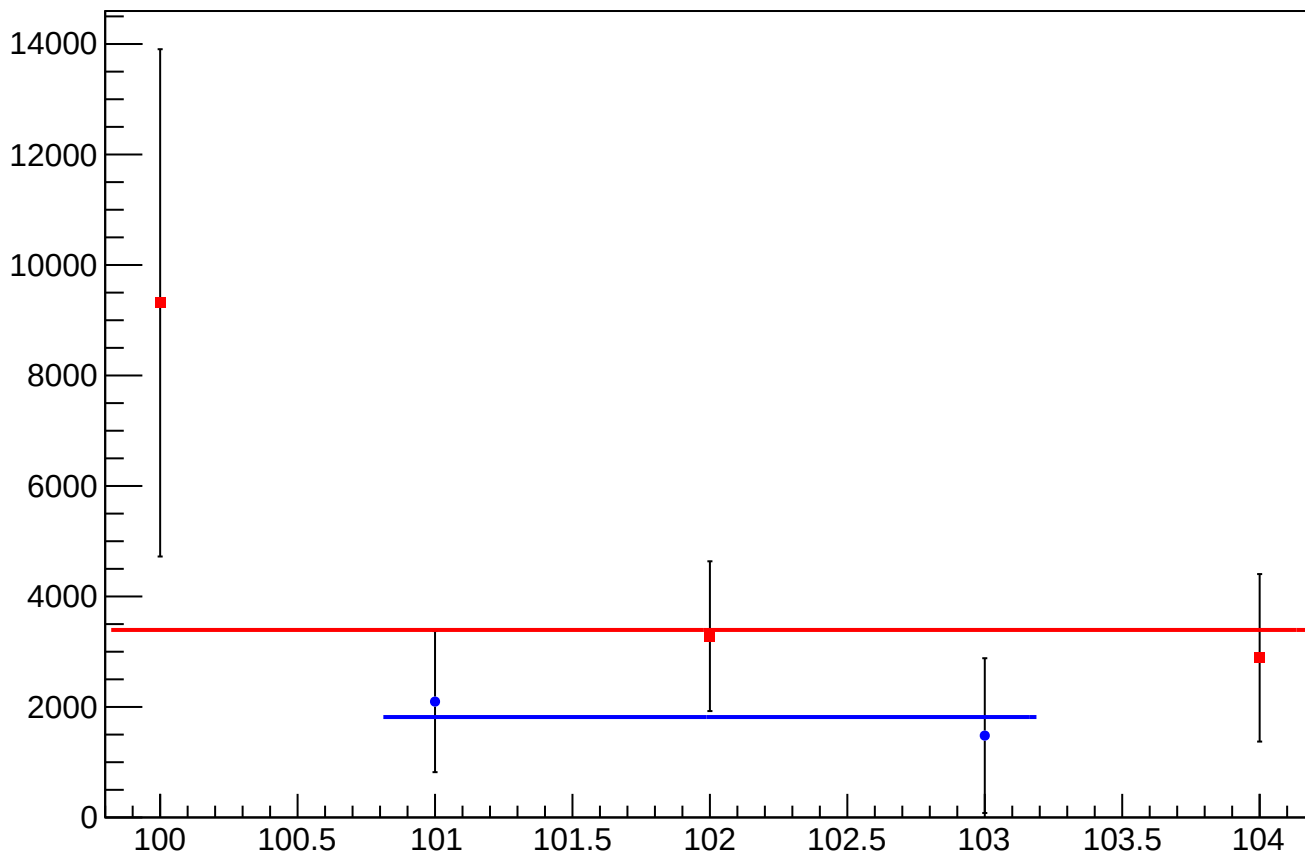
Right: 1285.252+/-0.582 χ^2/NDF : 99154.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.252+/-0.582 χ^2/NDF : 99154.8/4

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: 3394.005+/-986.885 χ^2/NDF : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

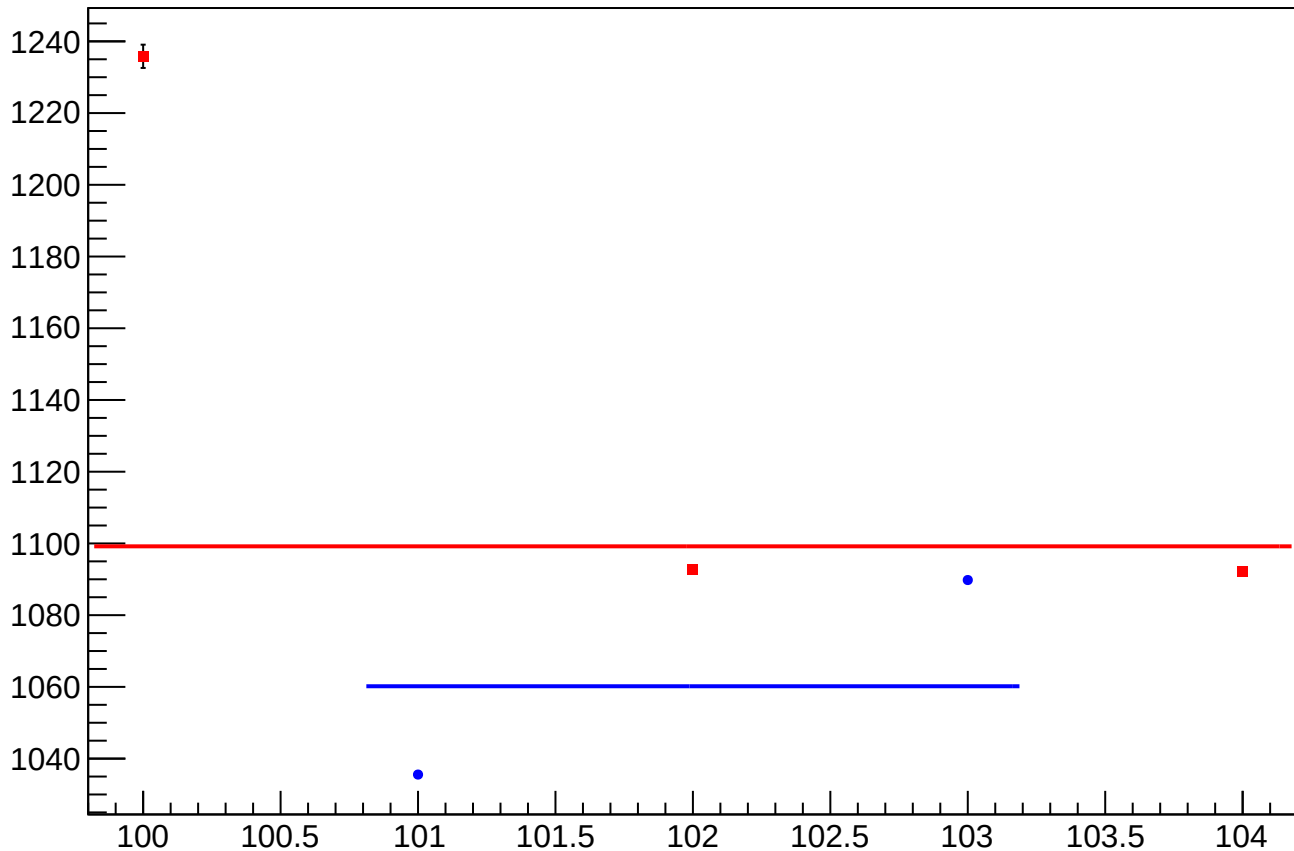
Right: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2570.591+/-682.055 χ^2/NDF : 3.2/4

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: 1099.192+/-0.698 χ^2/NDF : 1857.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

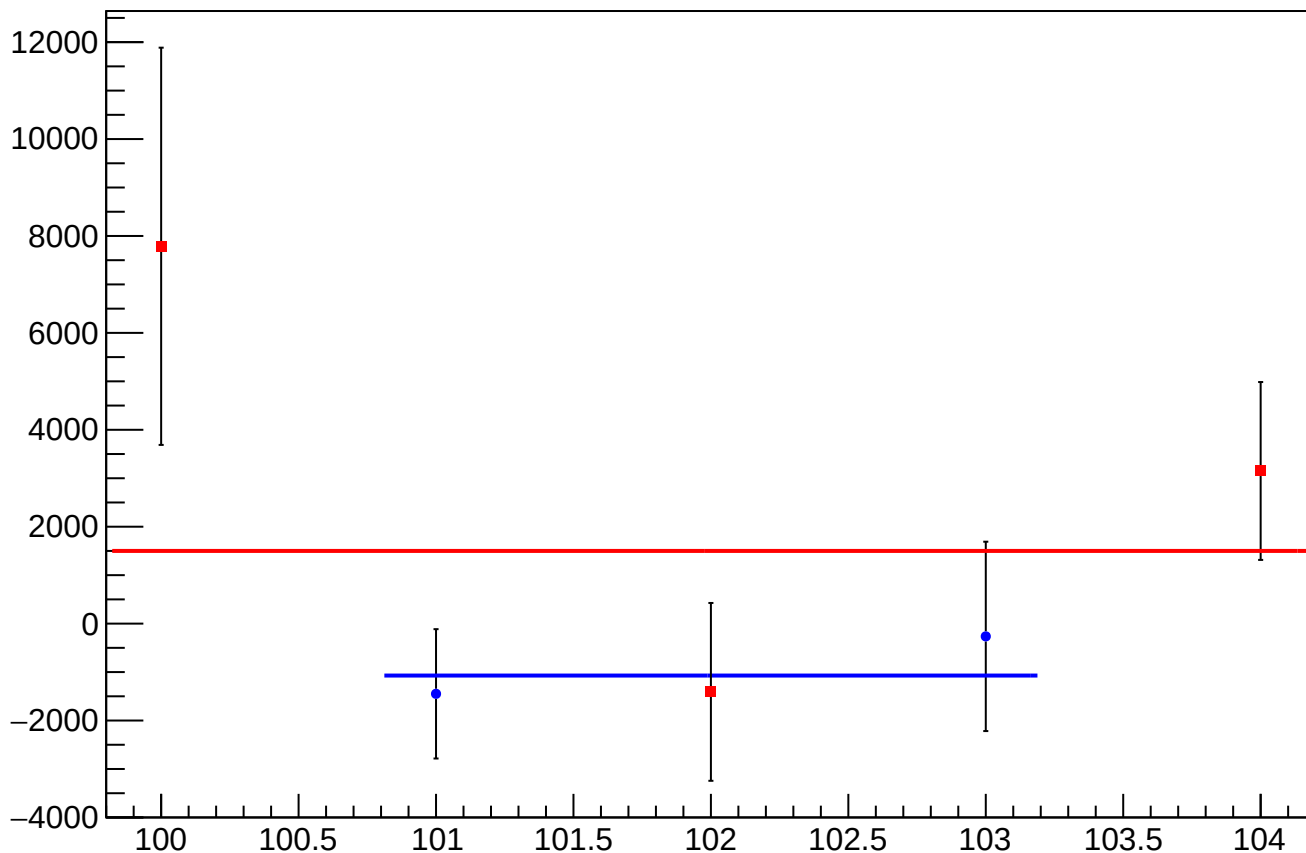
Right: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.812+/-0.482 χ^2/NDF : 5127.8/4

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: 1500.151 $\pm$ 1237.155 χ^2 /NDF: 5.7/2

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

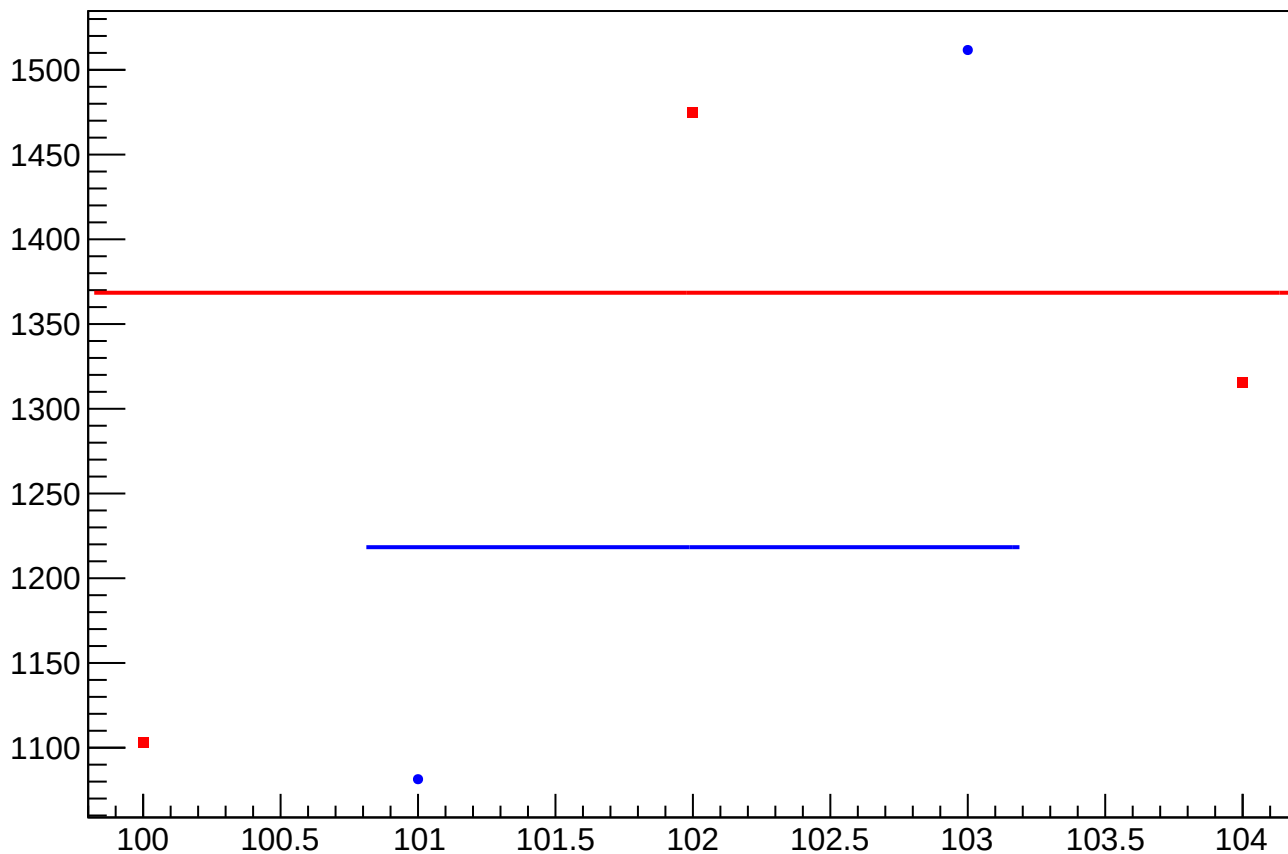
Right: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

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: 66.249 $\pm$ 822.949 χ^2 /NDF: 8.3/4

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: 1368.473+/-0.875 χ^2/NDF : 16735.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

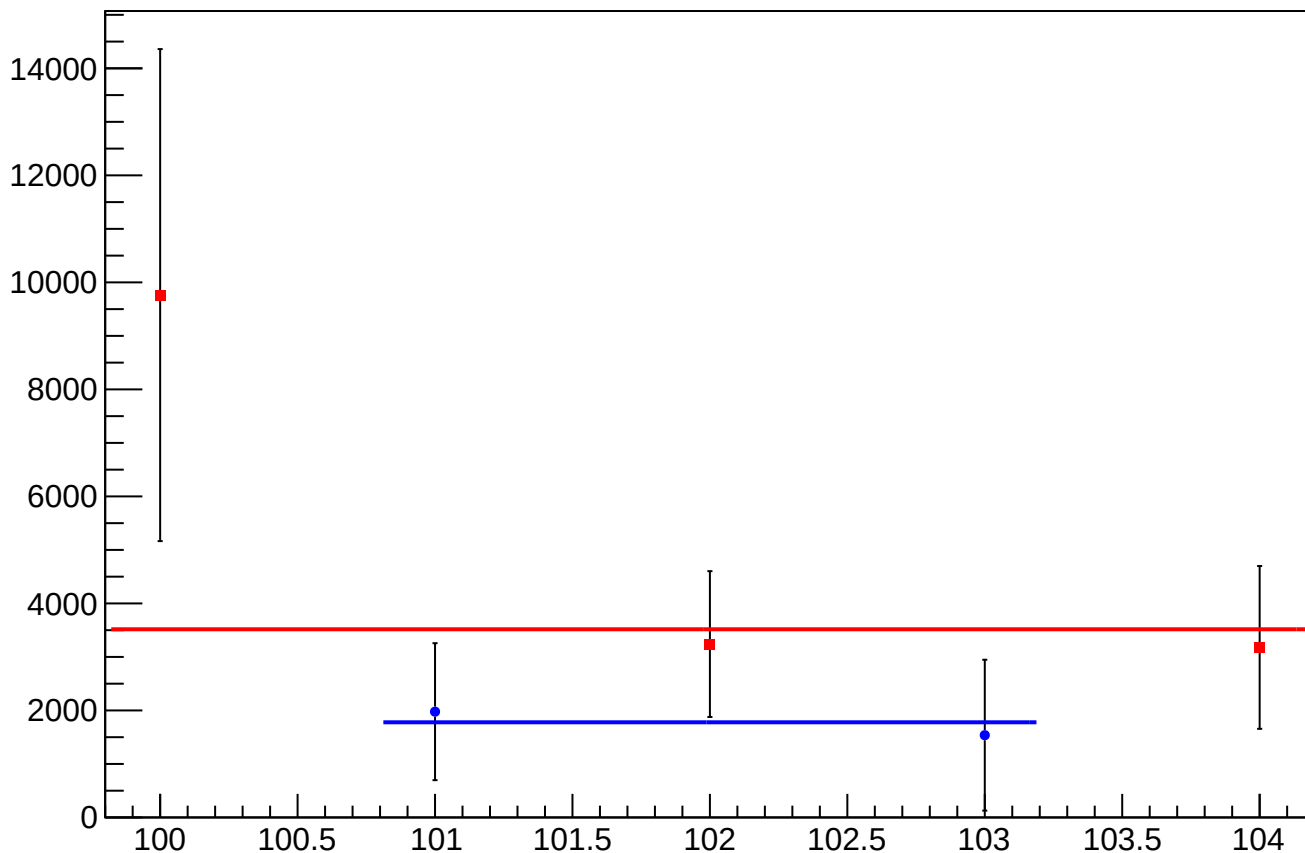
Right: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.764+/-0.582 χ^2/NDF : 99289.0/4

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: 3516.749+/-991.248 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

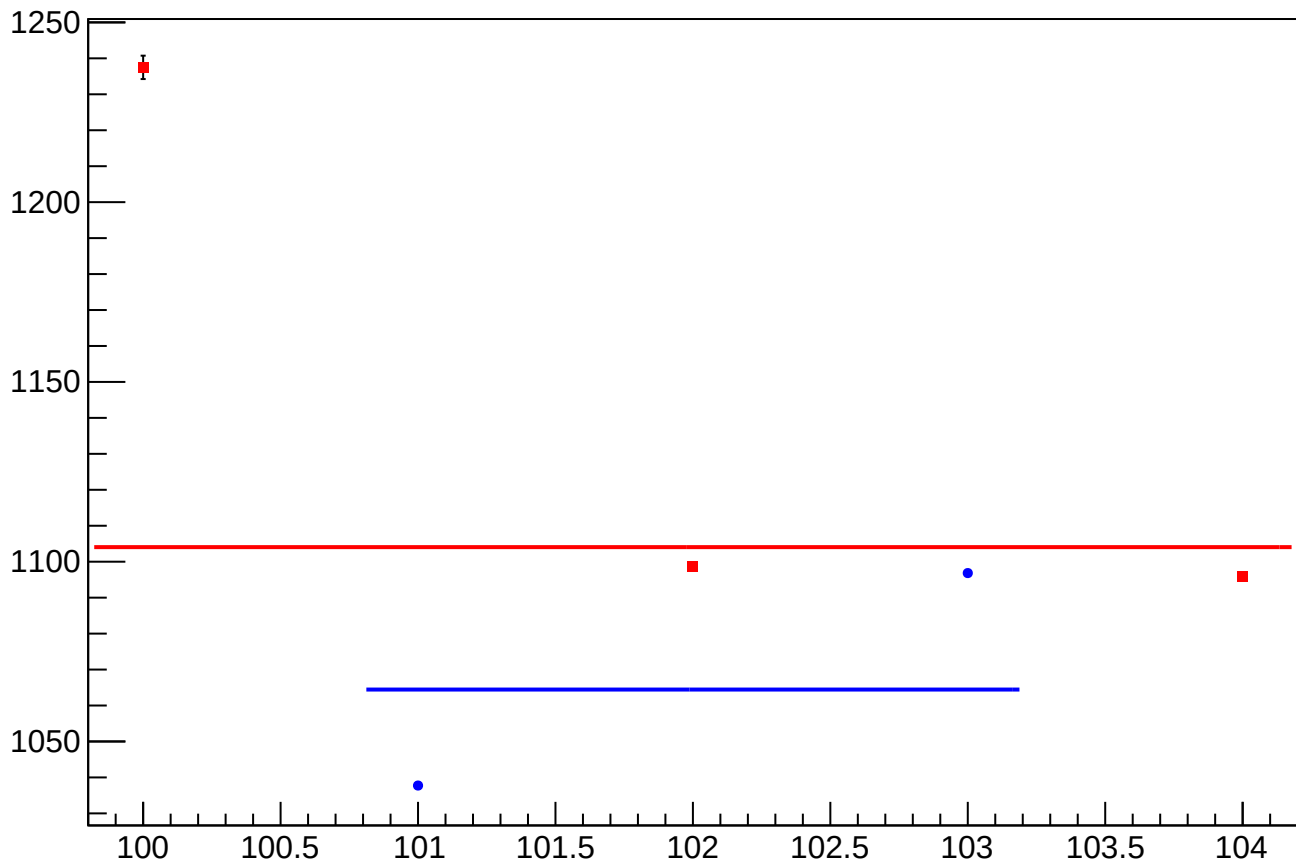
Right: 2608.432+/-684.960 χ^2/NDF : 3.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2608.432+/-684.960 χ^2/NDF : 3.6/4

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: 1104.053 $\pm$ 0.701 χ^2 /NDF: 1770.6/2

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

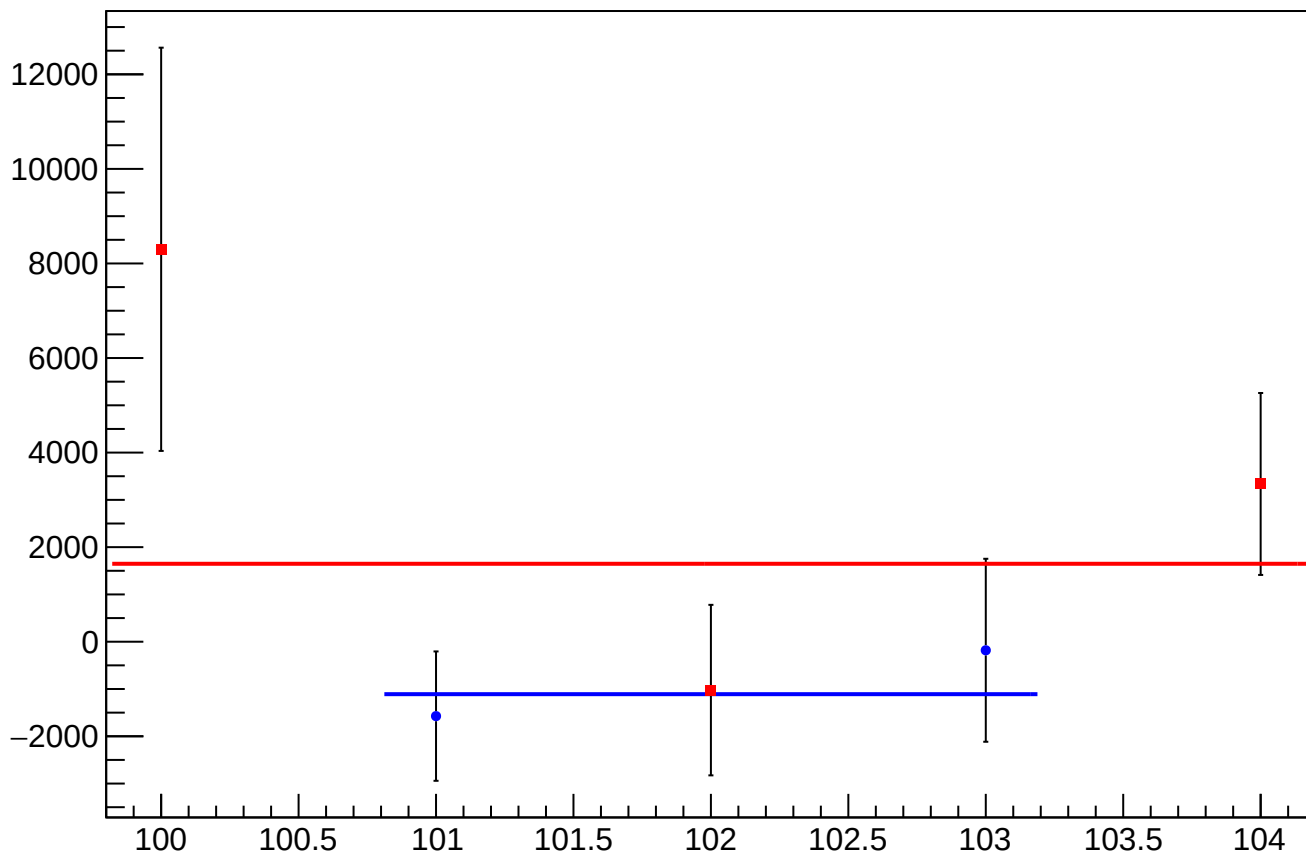
Right: 1083.355 $\pm$ 0.484 χ^2 /NDF: 5365.9/4

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: 1083.355 $\pm$ 0.484 χ^2 /NDF: 5365.9/4

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: 1648.311+/-1257.204 χ^2/NDF : 5.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

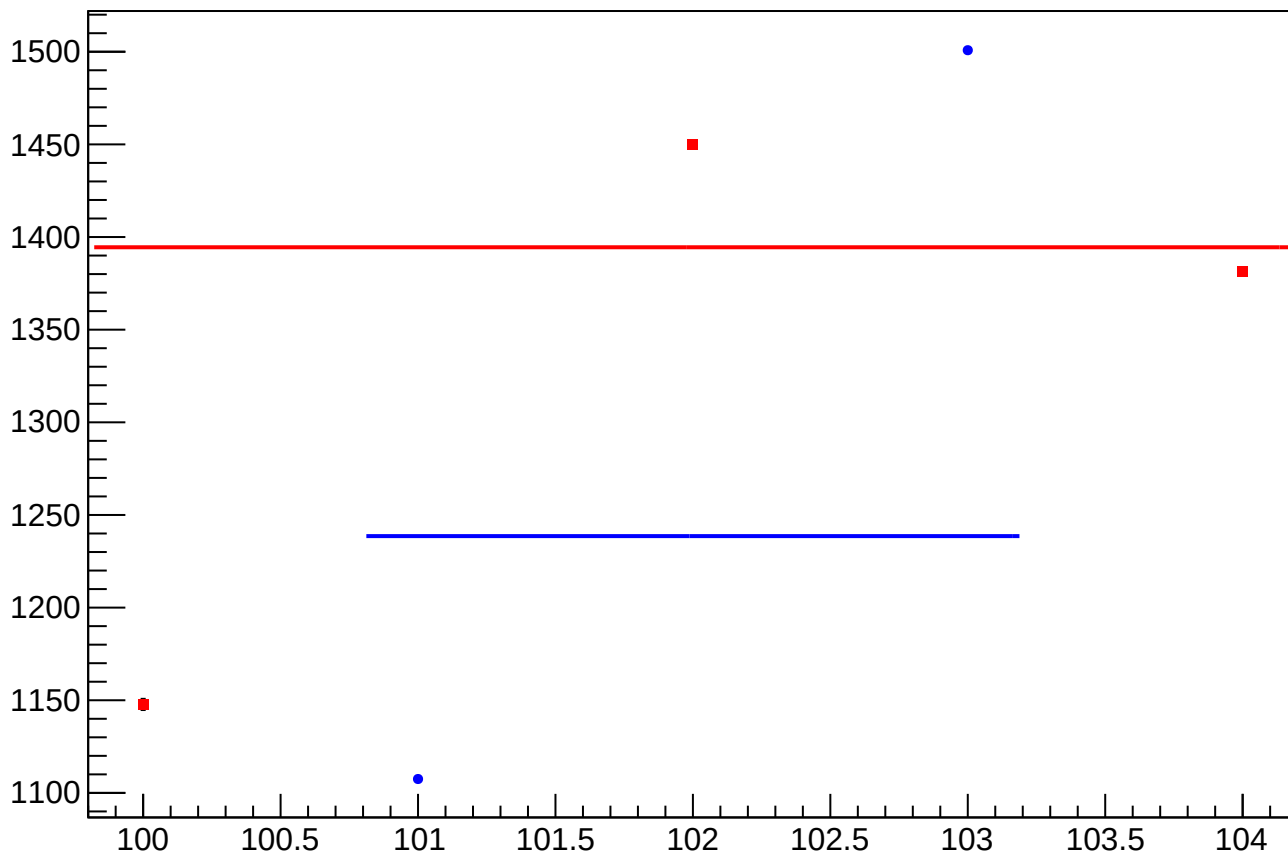
Right: 107.174+/-835.033 χ^2/NDF : 8.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.174+/-835.033 χ^2/NDF : 8.4/4

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: 1394.475+/-0.889 χ^2/NDF : 8687.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

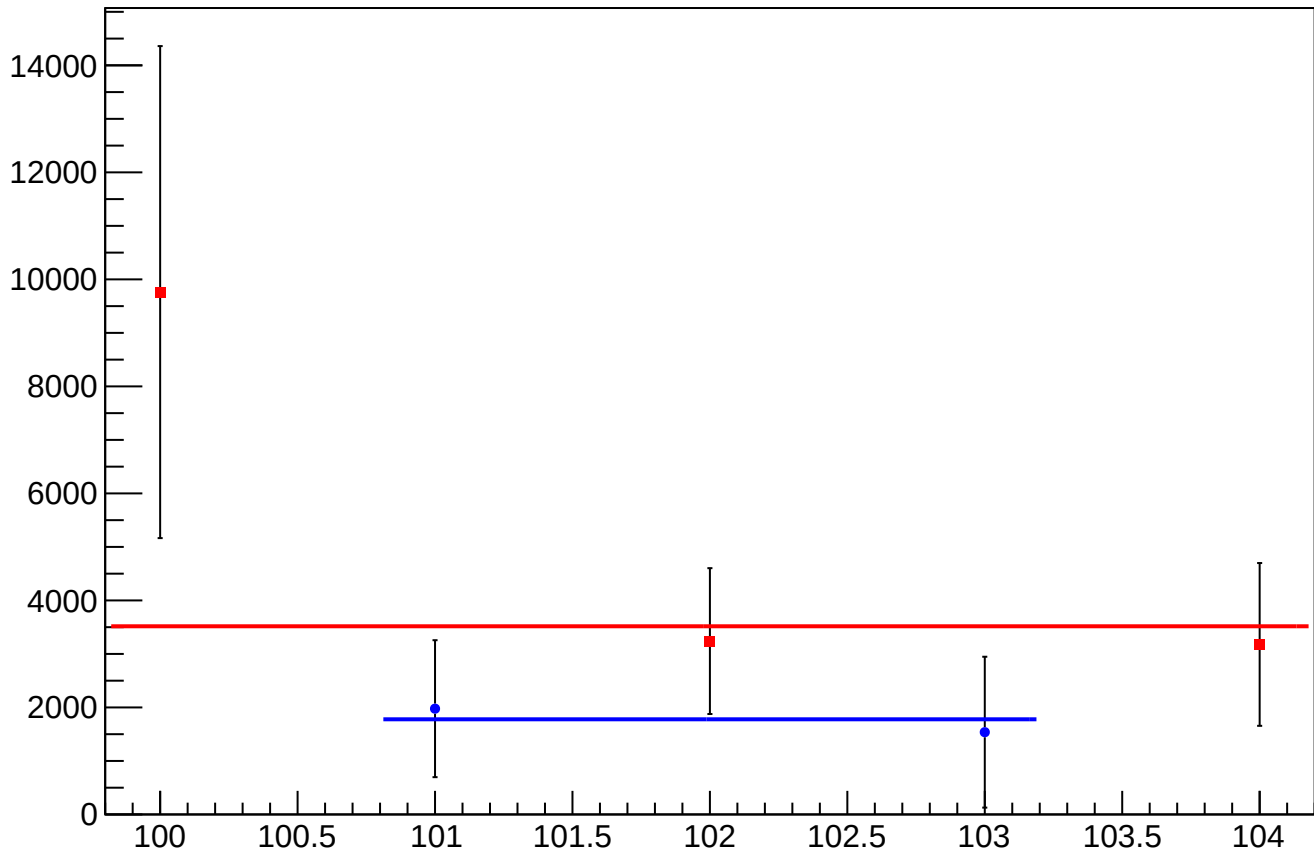
Right: 1307.360+/-0.590 χ^2/NDF : 80973.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.360+/-0.590 χ^2/NDF : 80973.6/4

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: 3516.748+/-991.248 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

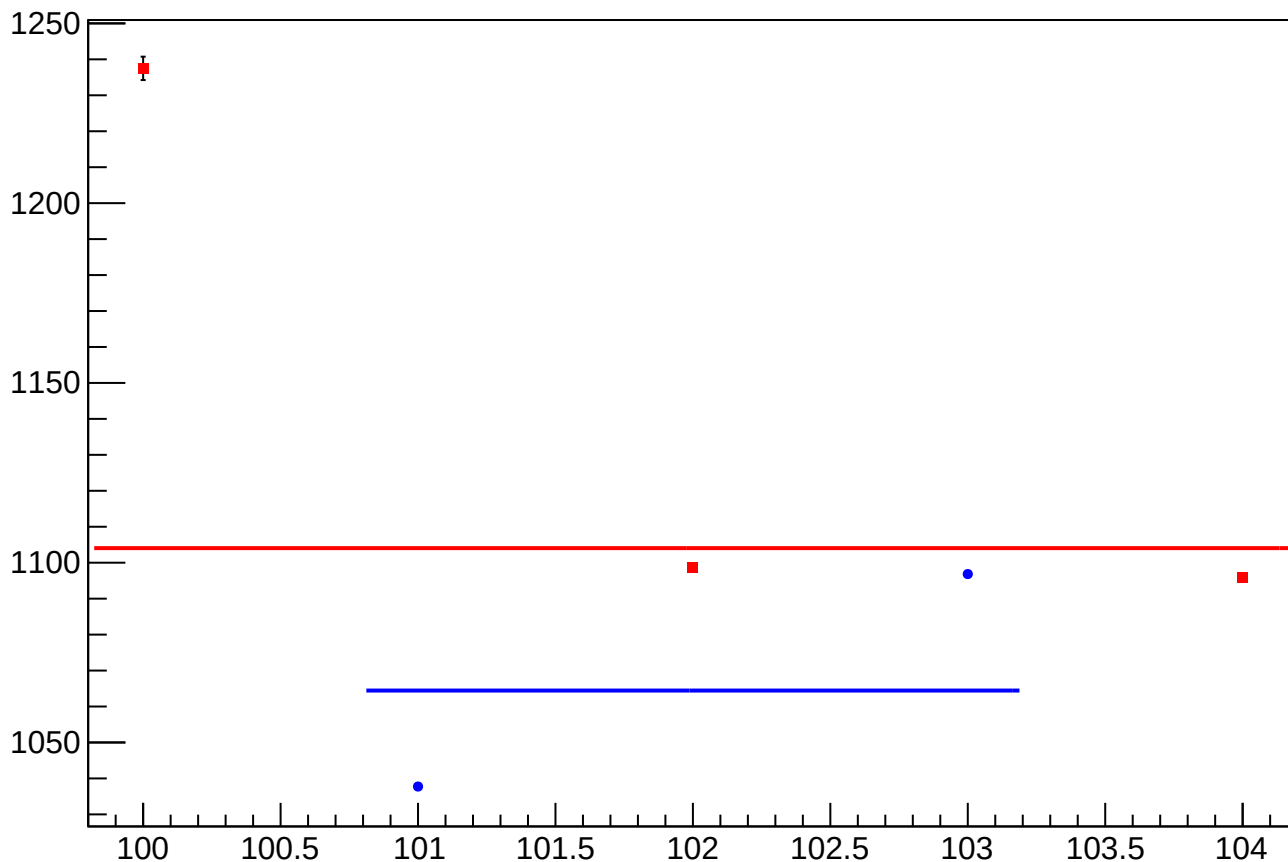
Right: 2608.432+/-684.960 χ^2/NDF : 3.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2608.432+/-684.960 χ^2/NDF : 3.6/4

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: 1104.053 $\pm$ 0.701 χ^2 /NDF: 1770.6/2

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

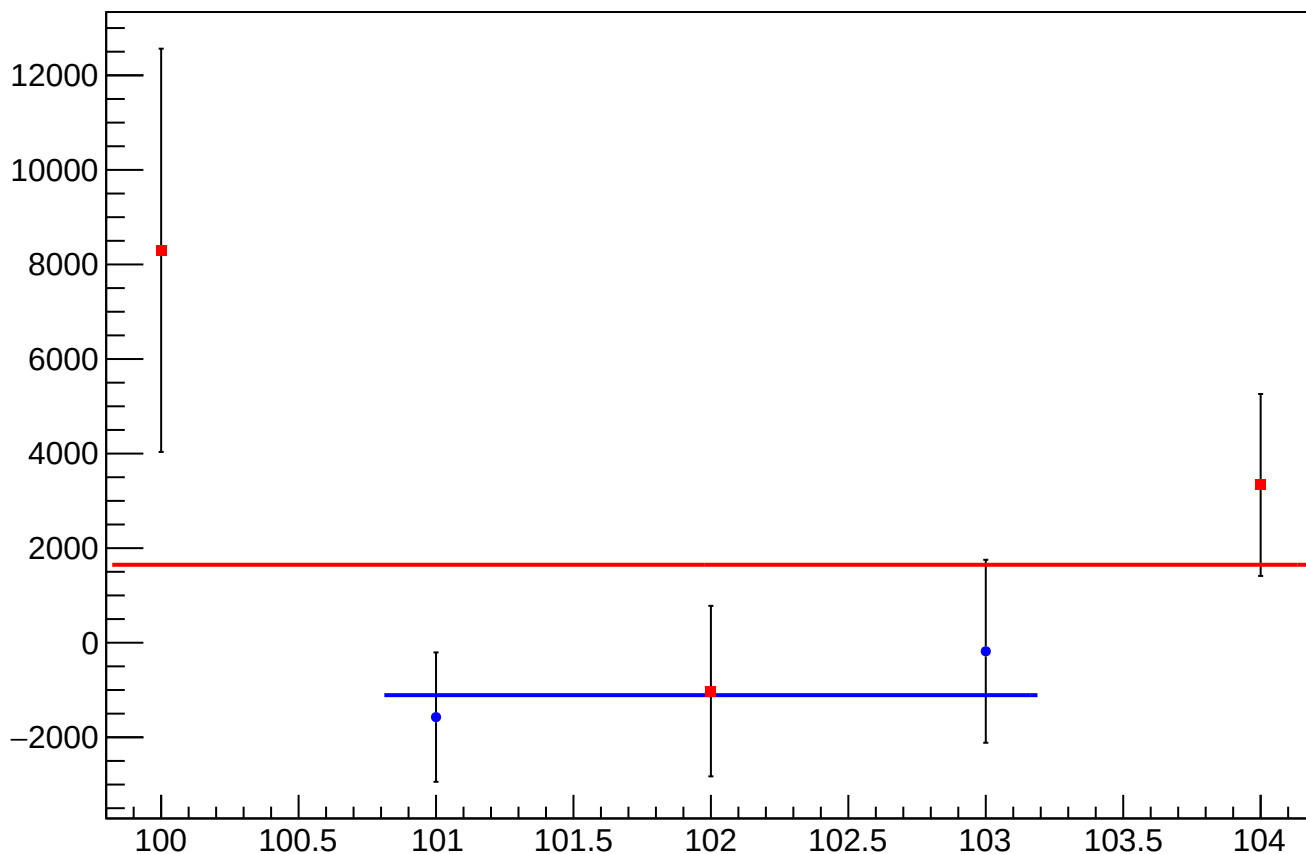
Right: 1083.355 $\pm$ 0.484 χ^2 /NDF: 5365.9/4

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: 1083.355 $\pm$ 0.484 χ^2 /NDF: 5365.9/4

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: 1648.307+/-1257.202 χ^2/NDF : 5.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

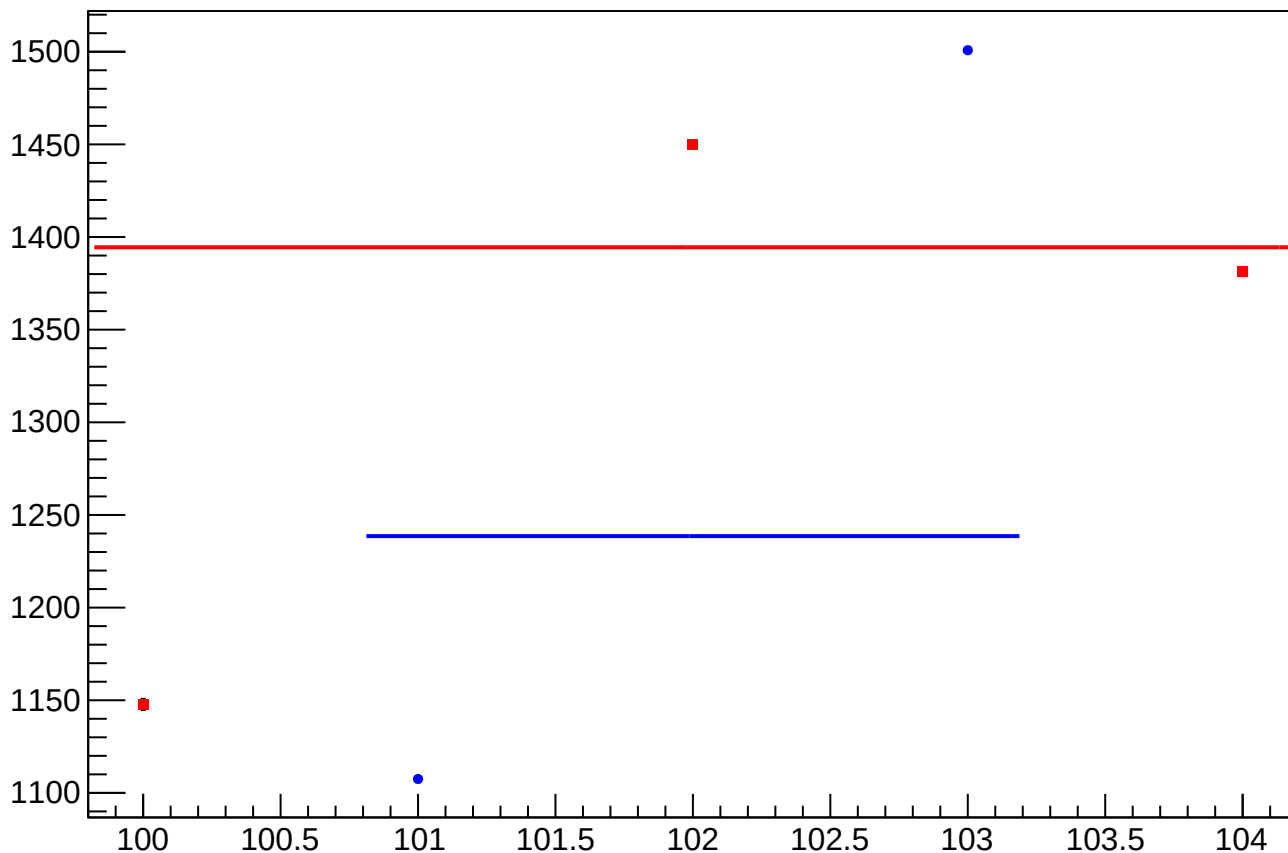
Right: 107.174+/-835.032 χ^2/NDF : 8.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.174+/-835.032 χ^2/NDF : 8.4/4

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: 1394.472+/-0.889 χ^2/NDF : 8687.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

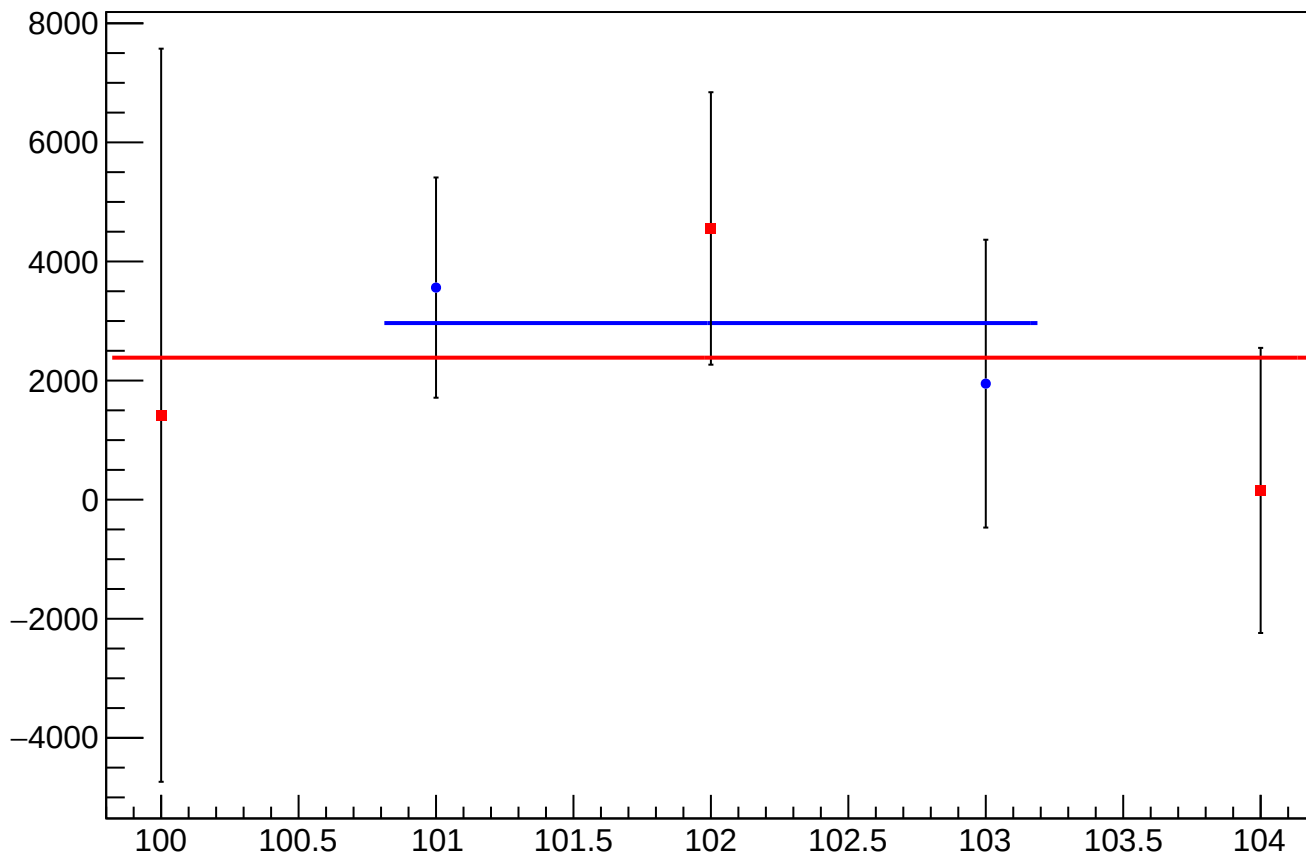
Right: 1307.357+/-0.590 χ^2/NDF : 80973.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.357+/-0.590 χ^2/NDF : 80973.1/4

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: 2384.675 $\pm$ 1597.352 χ^2 /NDF: 1.8/2

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

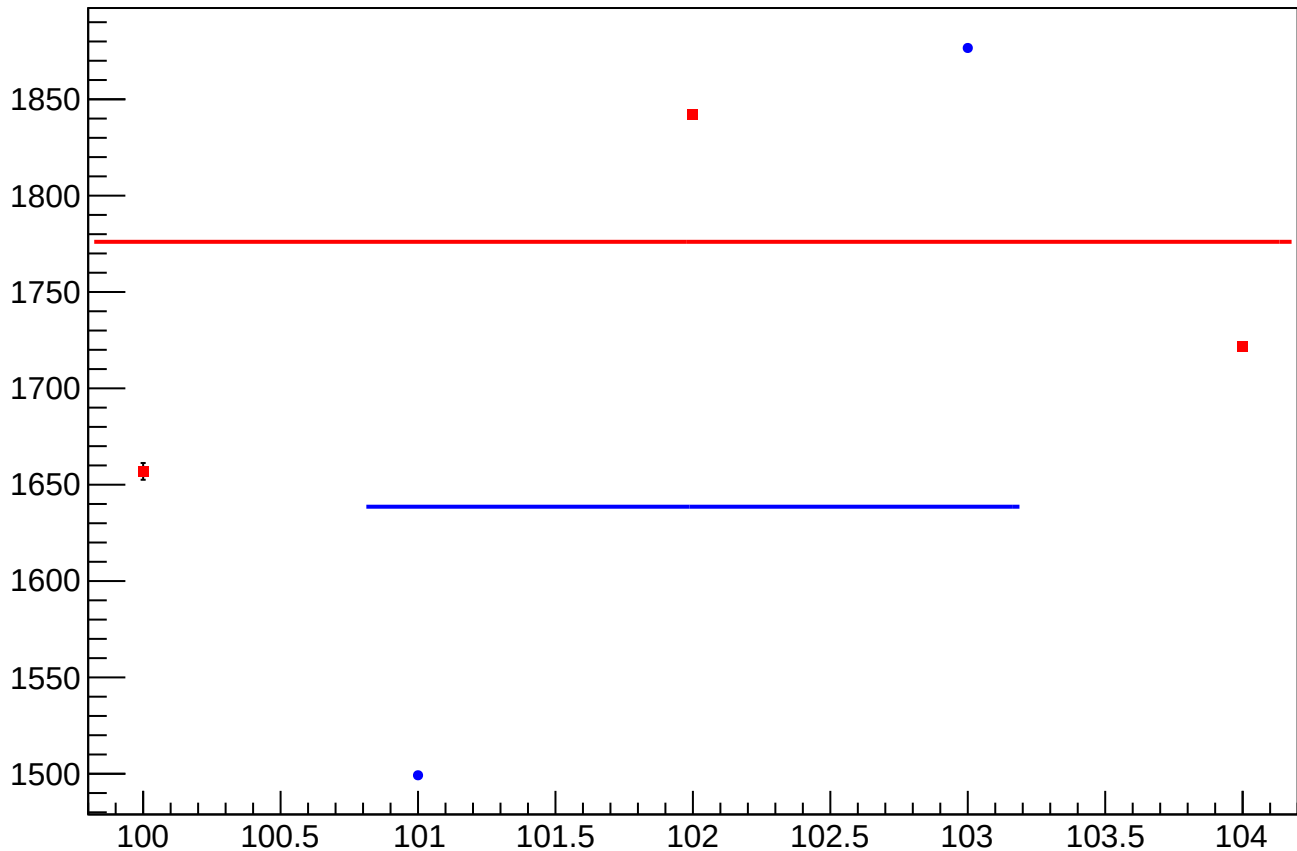
Right: 2699.541 $\pm$ 1081.133 χ^2 /NDF: 2.1/4

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: 2699.541 $\pm$ 1081.133 χ^2 /NDF: 2.1/4

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: 1776.044+/-1.129 χ^2/NDF : 3430.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

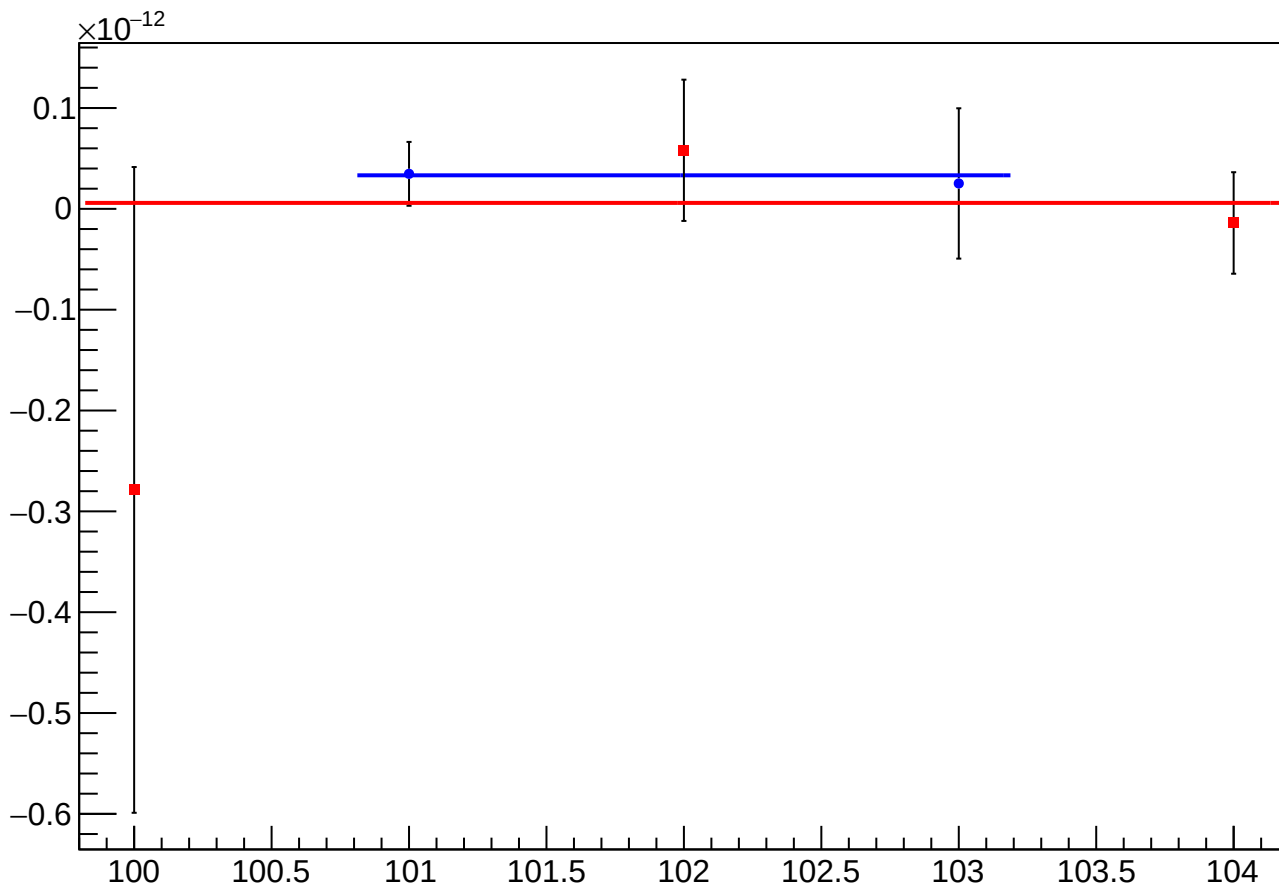
Right: 1701.553+/-0.764 χ^2/NDF : 42219.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1701.553+/-0.764 χ^2/NDF : 42219.6/4

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 : 1.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

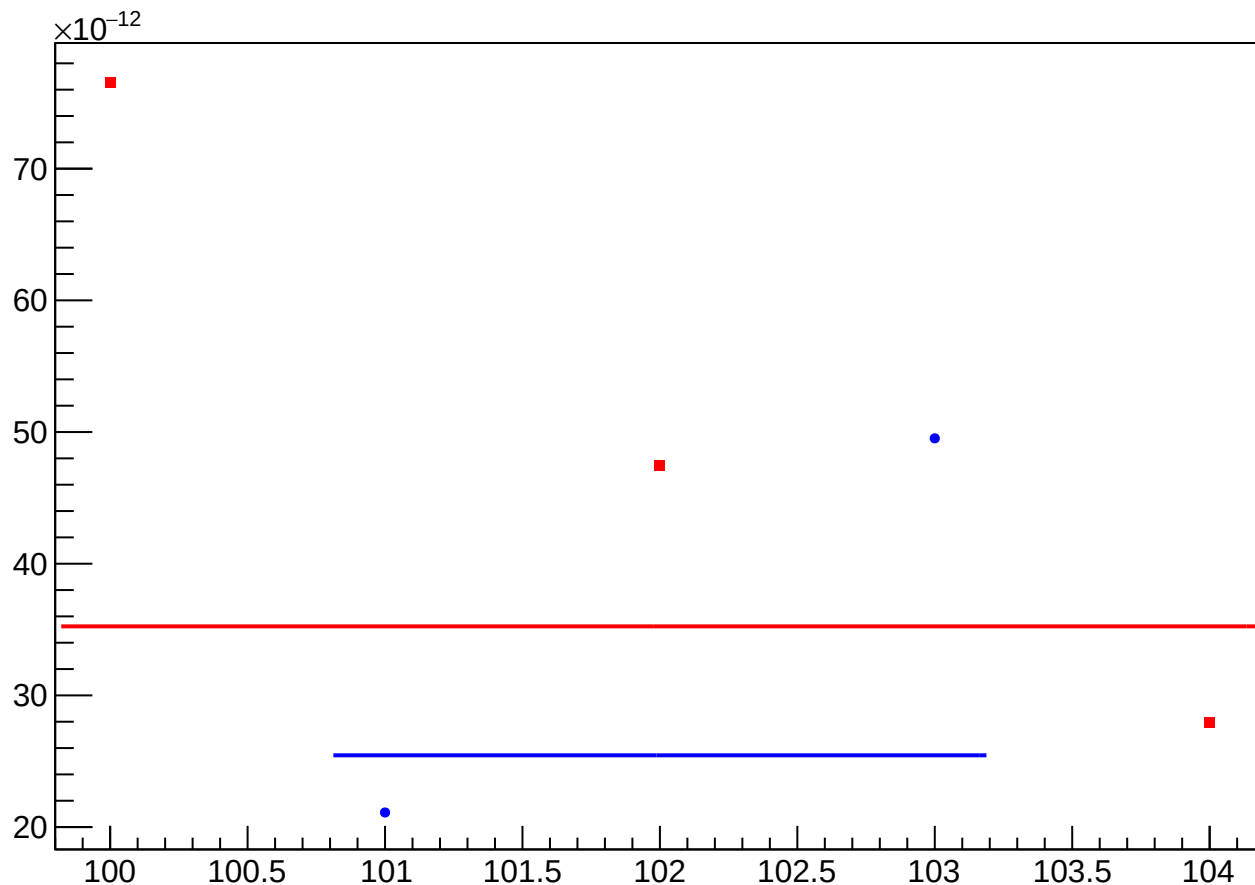
Right: 0.000+/-0.000 χ^2/NDF : 1.8/4

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 : 1.8/4

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 : 136473.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

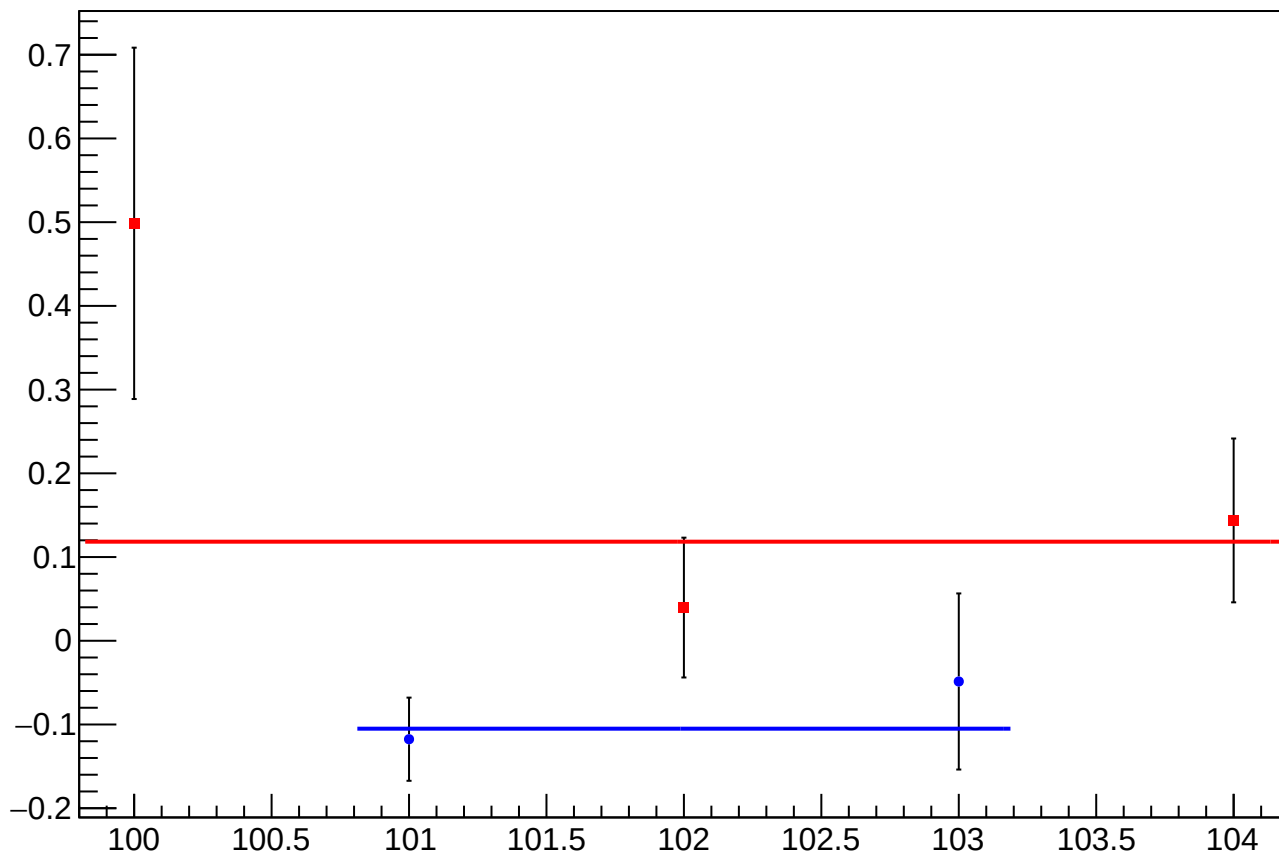
Right: 0.000+/-0.000 χ^2/NDF : 459578.4/4

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 : 459578.4/4

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.118 $\pm$ 0.061 χ^2 /NDF: 4.2/2

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

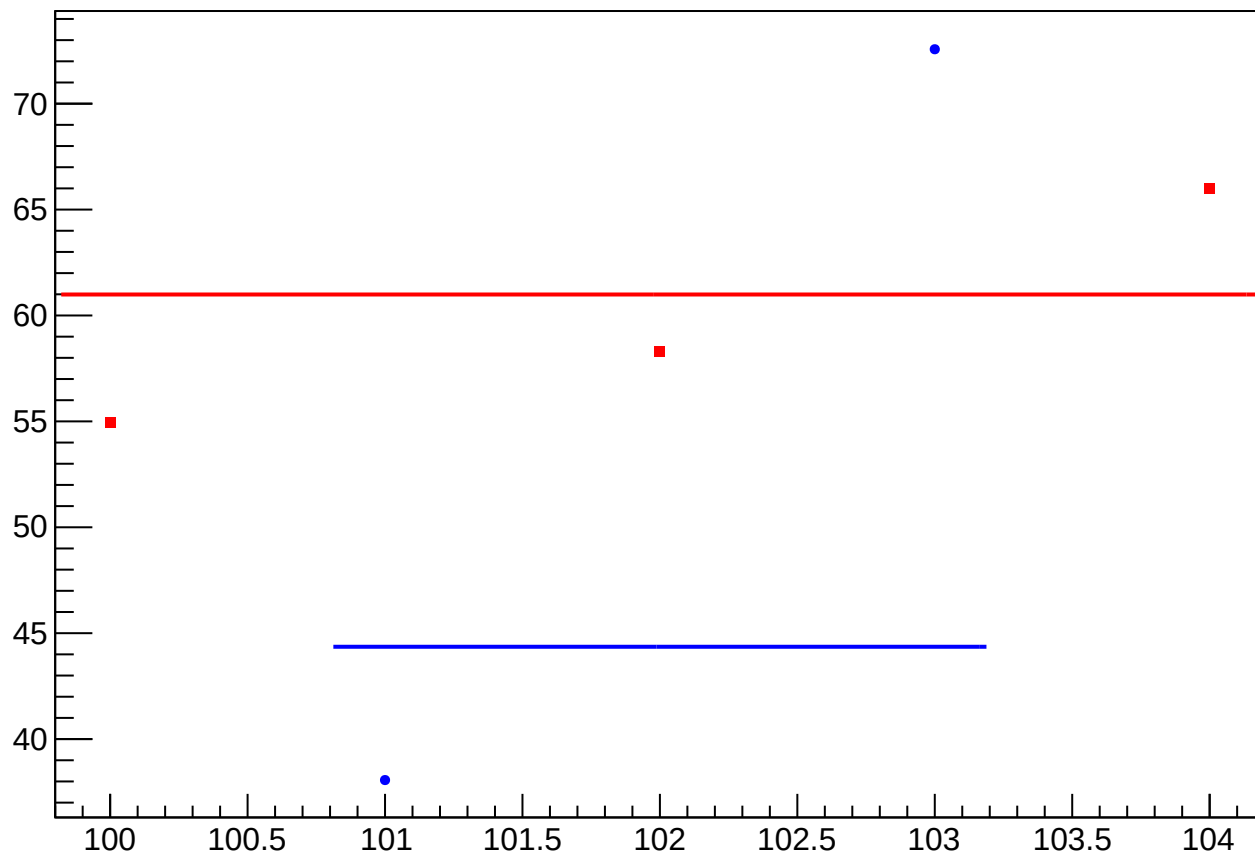
Right: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

In: -0.105 $\pm$ 0.045 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

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: 60.991+/-0.043 χ^2/NDF : 8917.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

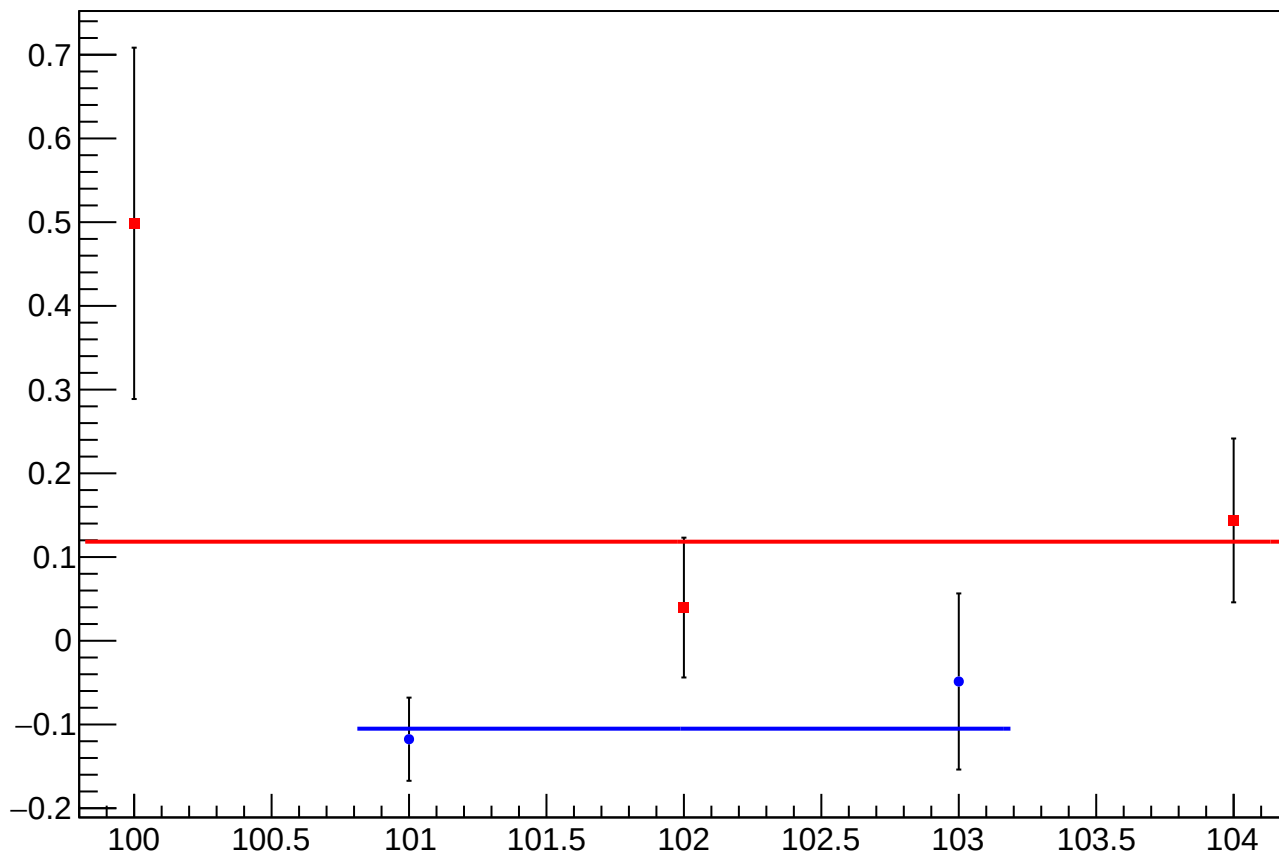
Right: 50.232+/-0.026 χ^2/NDF : 281726.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.232+/-0.026 χ^2/NDF : 281726.5/4

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.118 $\pm$ 0.061 χ^2 /NDF: 4.2/2

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

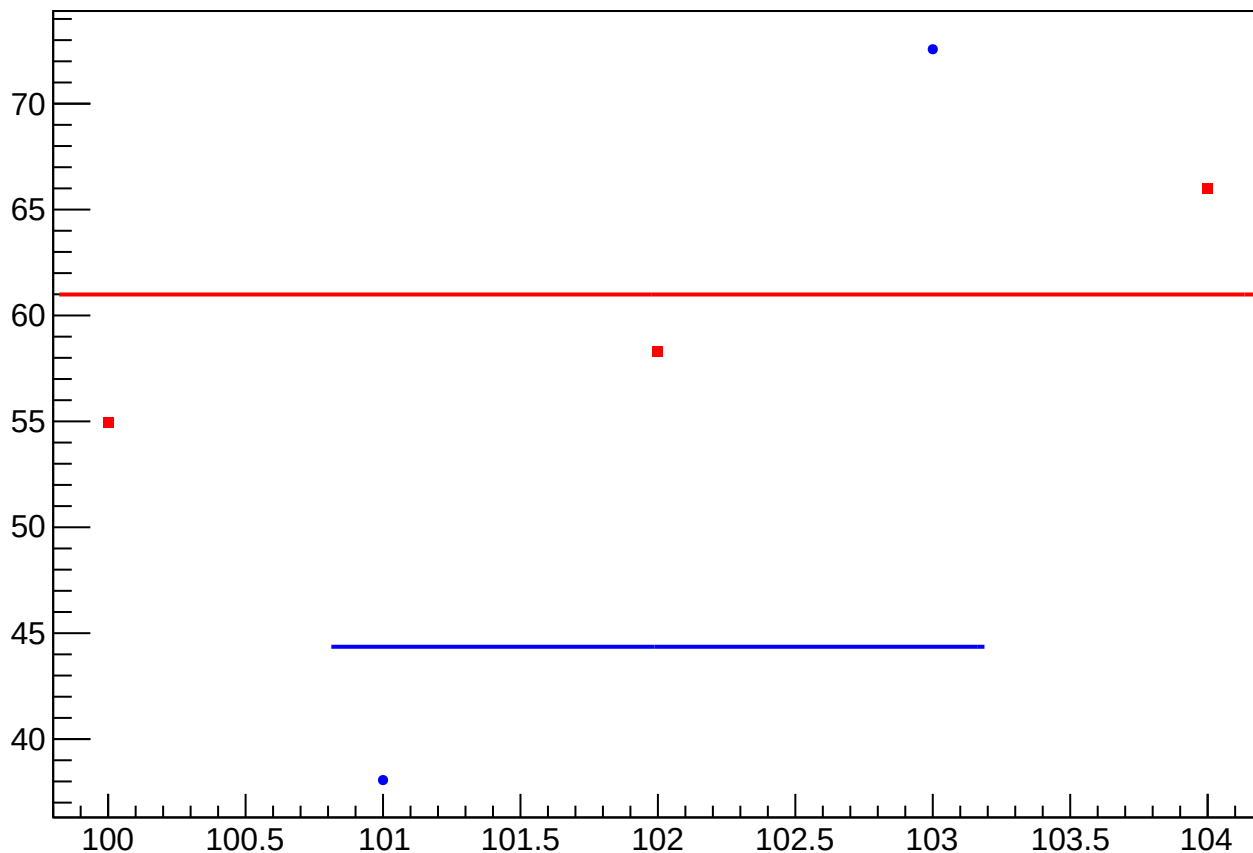
Right: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

In: -0.105 $\pm$ 0.045 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.359 $\pm$ 0.032 χ^2 /NDF: 175984.2/1

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

Right Out: 60.991 $\pm$ 0.043 χ^2 /NDF: 8917.6/2

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

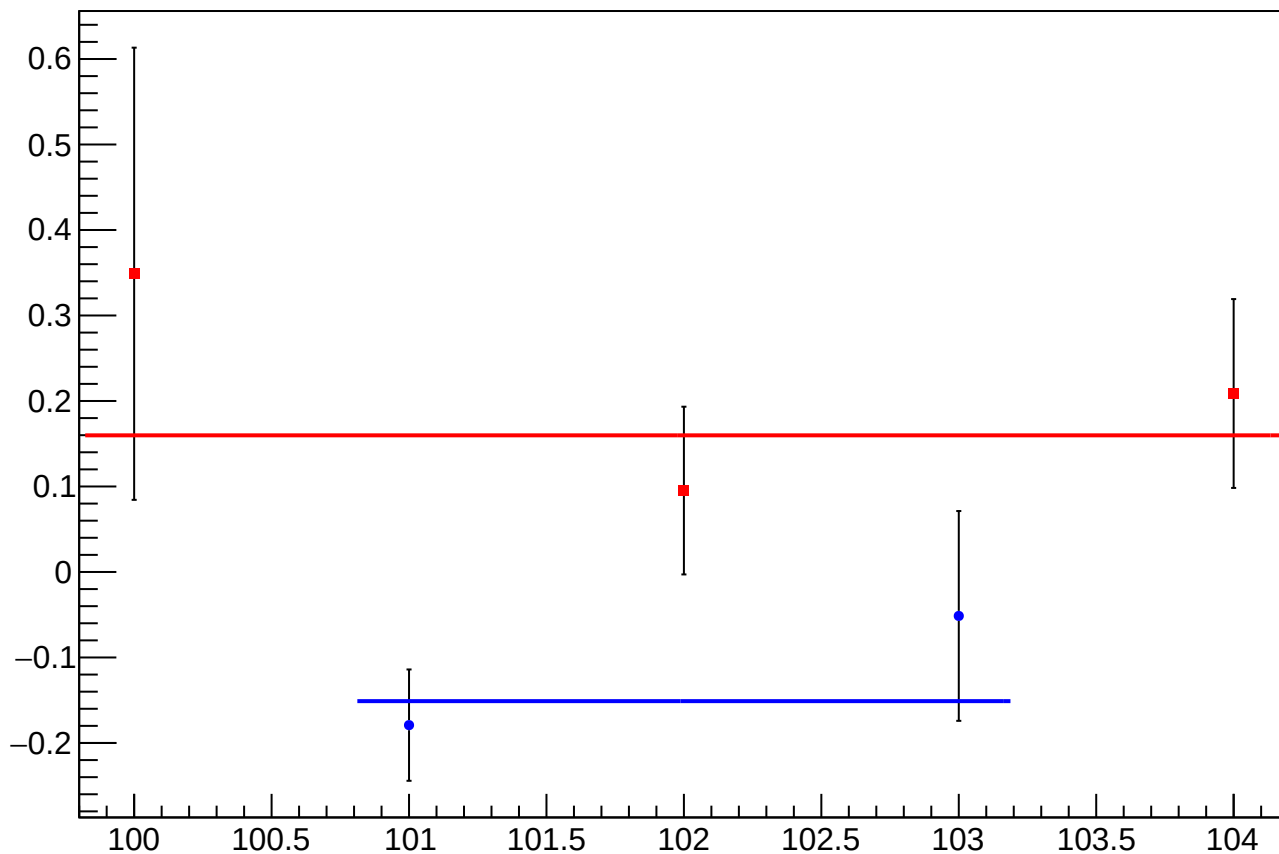
Right: 50.232 $\pm$ 0.026 χ^2 /NDF: 281726.5/4

In: 44.359 $\pm$ 0.032 χ^2 /NDF:175984.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.232 $\pm$ 0.026 χ^2 /NDF: 281726.5/4

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.151 $\pm$ 0.058 χ^2 /NDF: 0.8/1

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

Right Out: 0.160 $\pm$ 0.071 χ^2 /NDF: 1.1/2

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

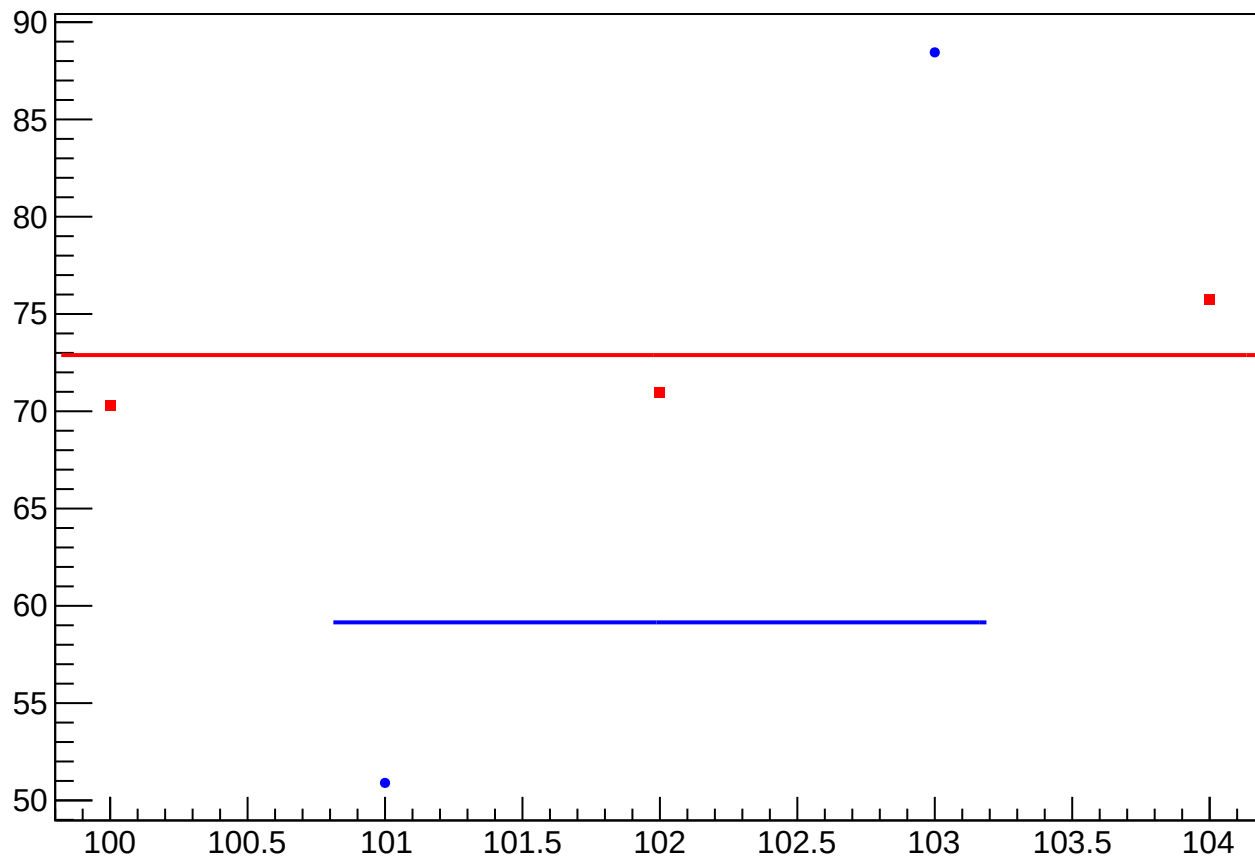
Right: -0.027 $\pm$ 0.045 χ^2 /NDF: 13.6/4

In: -0.151 $\pm$ 0.058 χ^2 /NDF: 0.8/1

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

All: -0.027 $\pm$ 0.045 χ^2 /NDF: 13.6/4

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: 72.889+/-0.050 χ^2/NDF : 2298.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

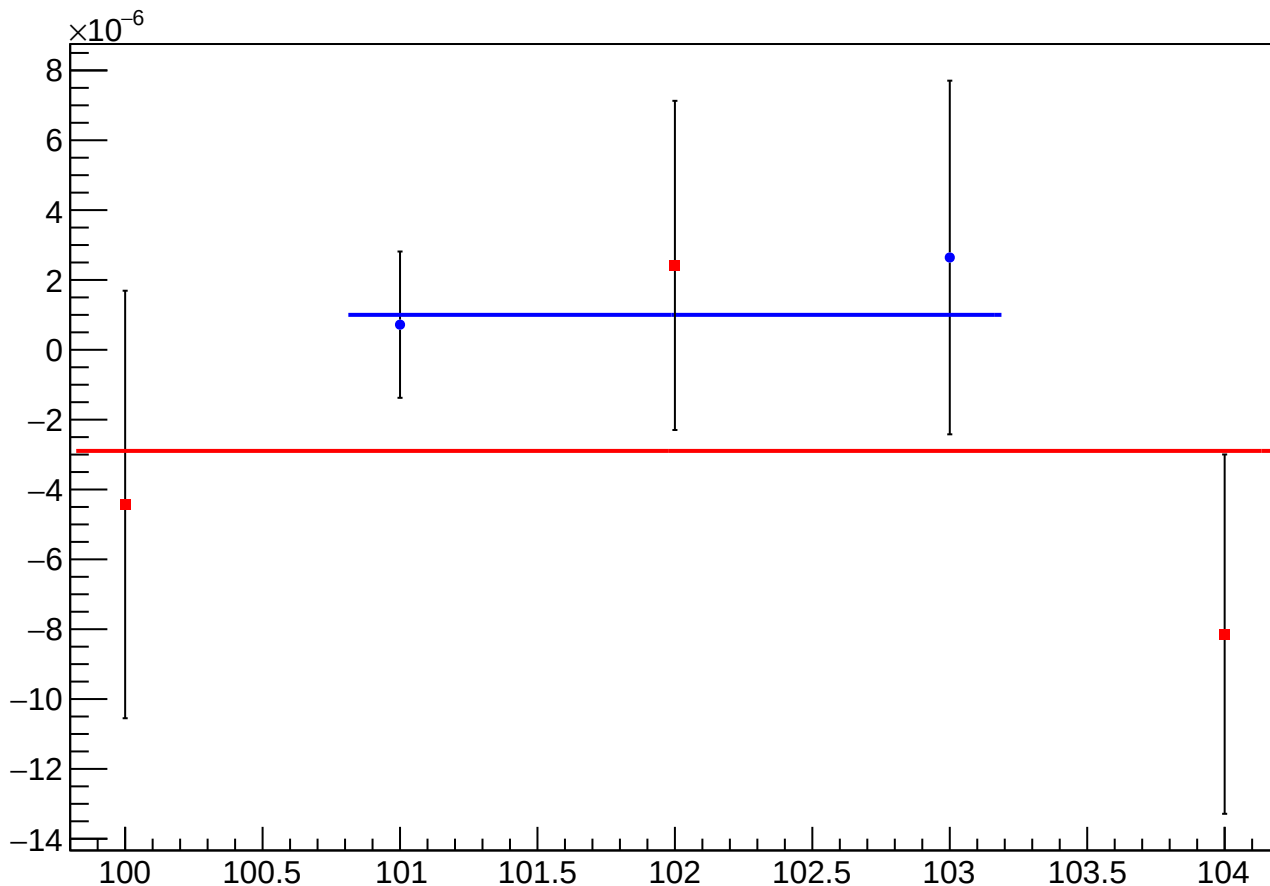
Right: 64.624+/-0.032 χ^2/NDF : 193892.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.624+/-0.032 χ^2/NDF : 193892.4/4

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: 2.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

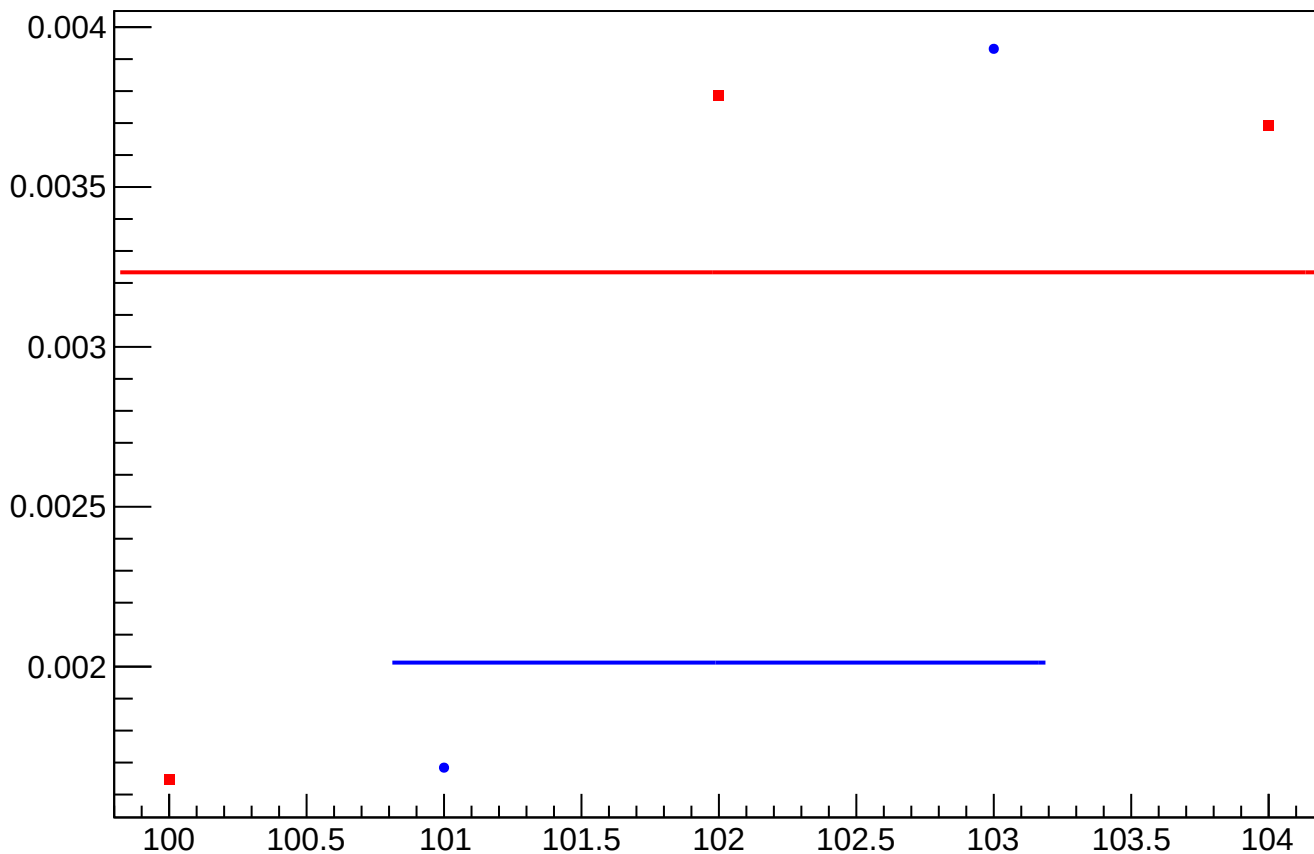
Right: -0.000+/-0.000 χ^2 /NDF: 3.7/4

In: 0.000+/-0.000 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.7/4

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: 0.003+/-0.000 χ^2/NDF : 177931.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

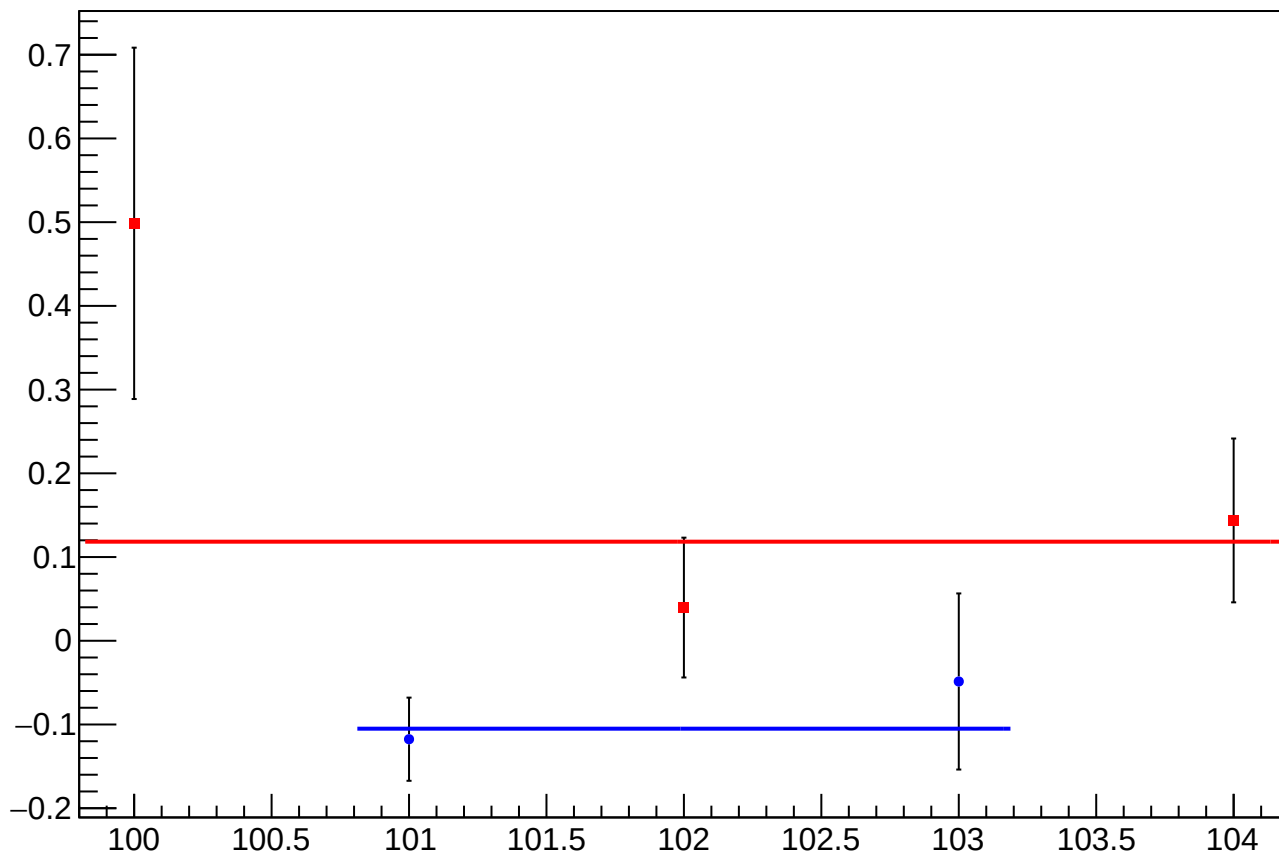
Right: 0.002+/-0.000 χ^2/NDF : 746000.1/4

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 : 746000.1/4

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: 0.118 ± 0.061 χ^2/NDF : 4.2/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

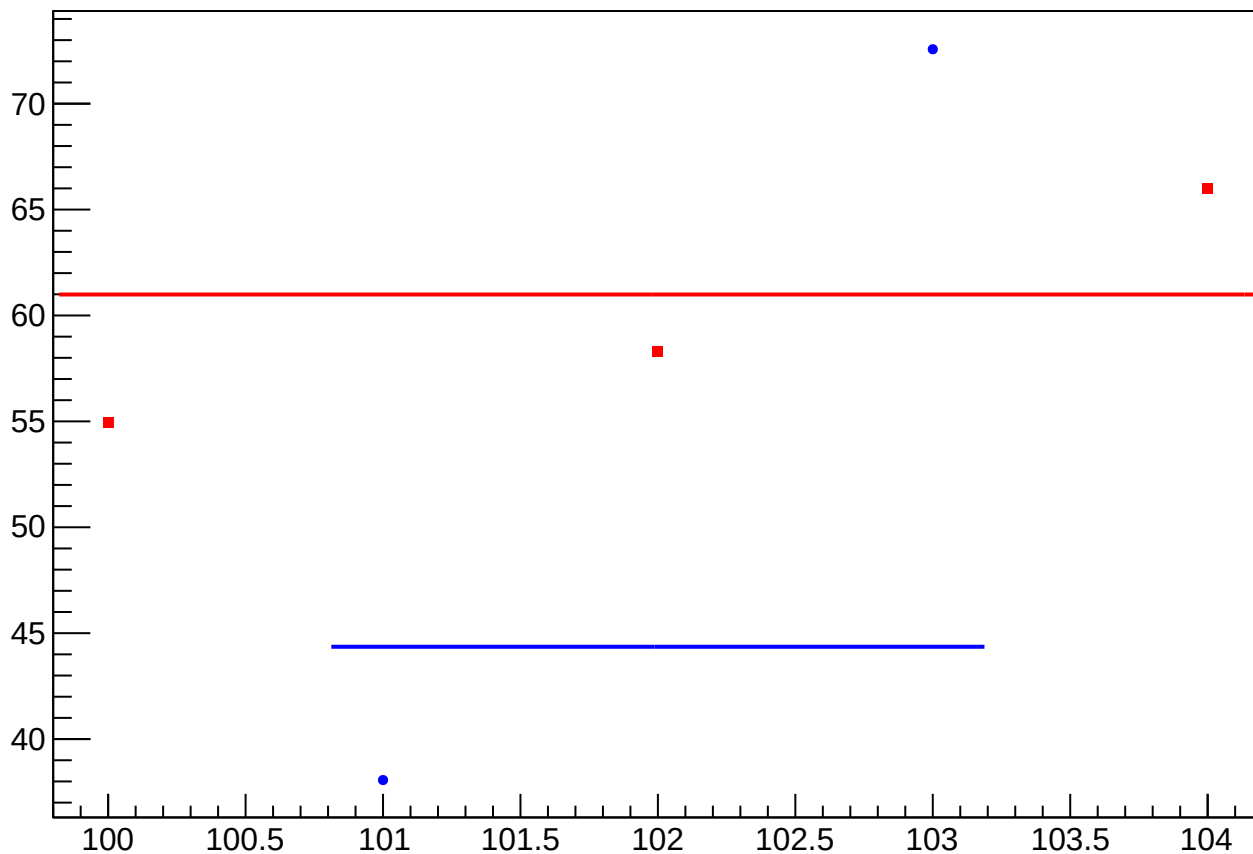
Right: -0.026 ± 0.036 χ^2/NDF : 13.3/4

In: -0.105 ± 0.045 χ^2/NDF : 0.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.036 χ^2/NDF : 13.3/4

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: 60.990+/-0.043 χ^2/NDF : 8913.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

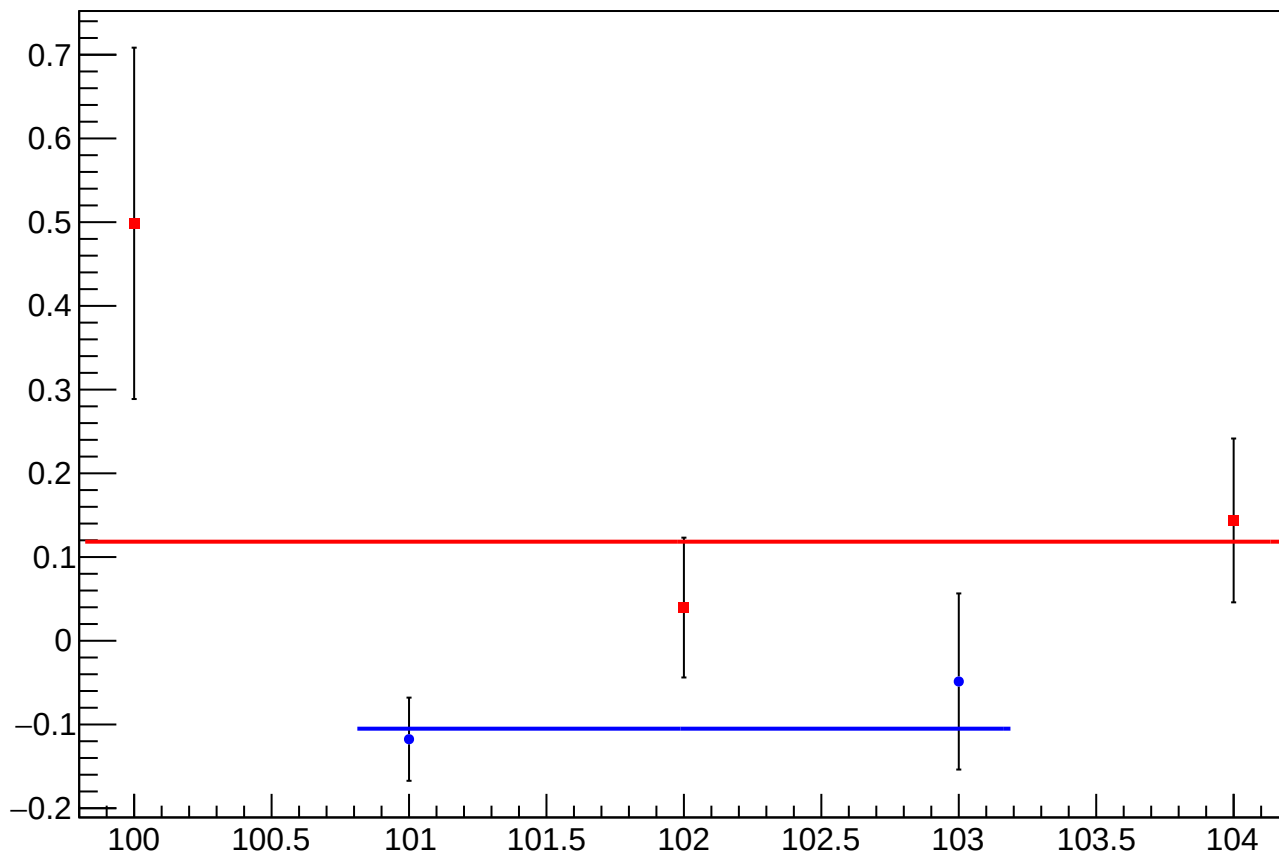
Right: 50.232+/-0.026 χ^2/NDF : 281730.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.232+/-0.026 χ^2/NDF : 281730.1/4

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.118 $\pm$ 0.061 χ^2 /NDF: 4.2/2

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

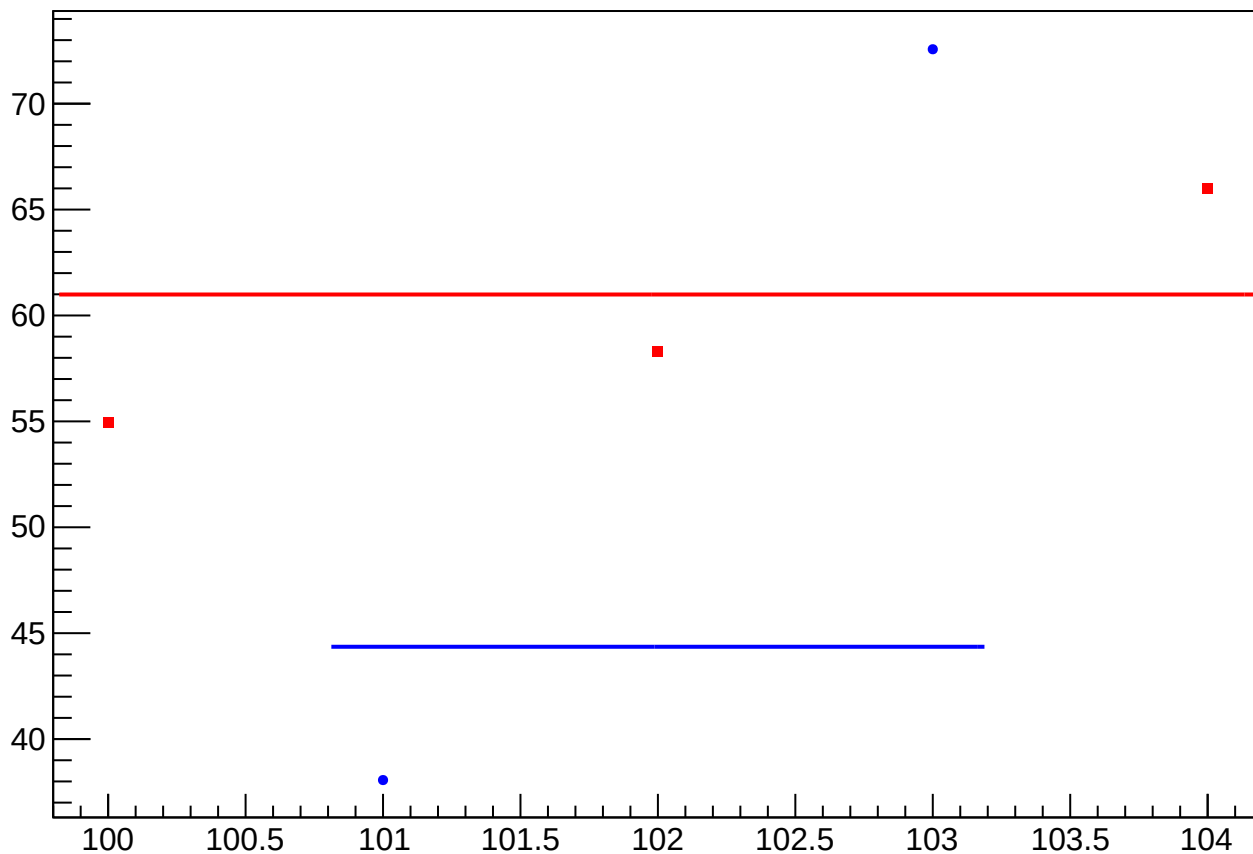
Right: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

In: -0.105 $\pm$ 0.045 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.026 $\pm$ 0.036 χ^2 /NDF: 13.3/4

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: 60.990+/-0.043 χ^2/NDF : 8913.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

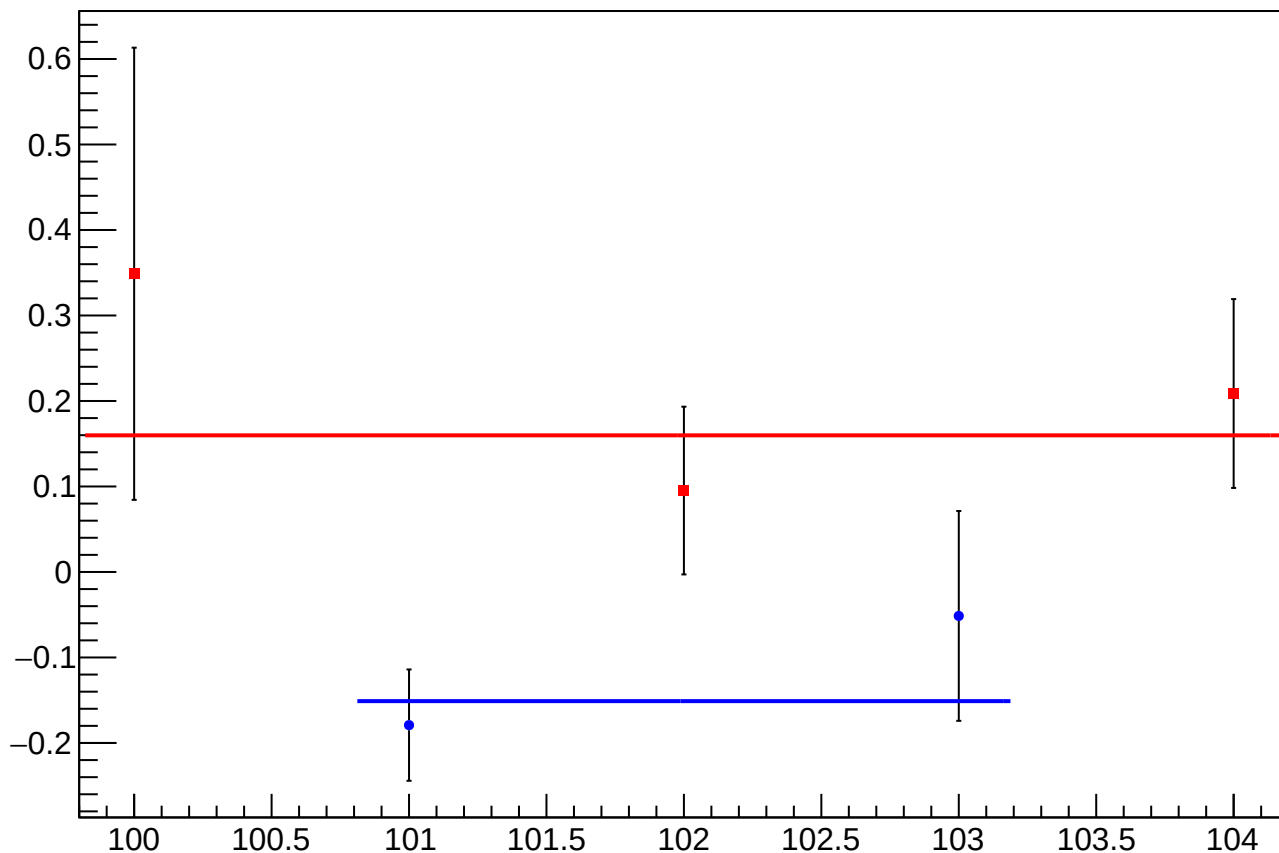
Right: 50.232+/-0.026 χ^2/NDF : 281730.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.232+/-0.026 χ^2/NDF : 281730.1/4

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.151 $\pm$ 0.058 χ^2 /NDF: 0.8/1

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

Right Out: 0.160 $\pm$ 0.071 χ^2 /NDF: 1.1/2

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

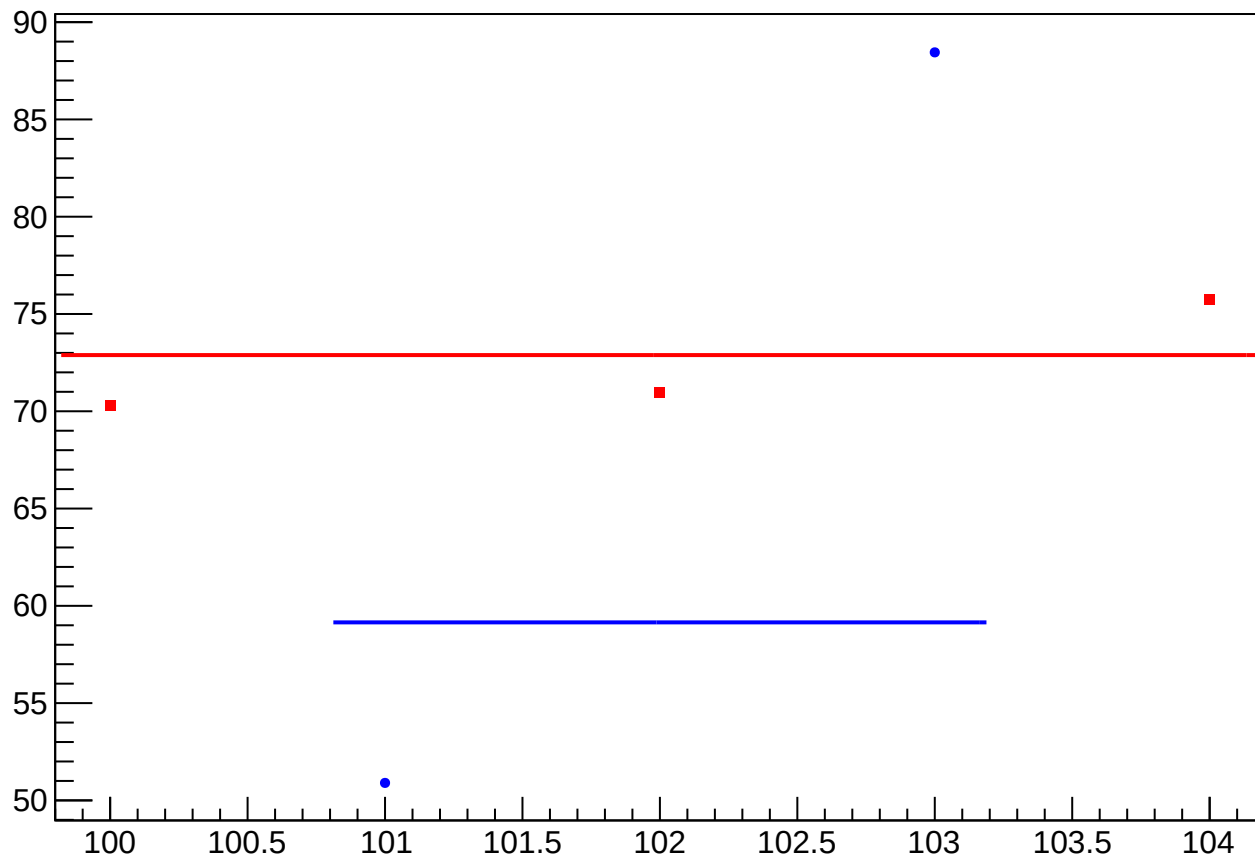
Right: -0.027 $\pm$ 0.045 χ^2 /NDF: 13.6/4

In: -0.151 $\pm$ 0.058 χ^2 /NDF:0.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.027 $\pm$ 0.045 χ^2 /NDF: 13.6/4

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: 72.888+/-0.050 χ^2/NDF : 2296.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

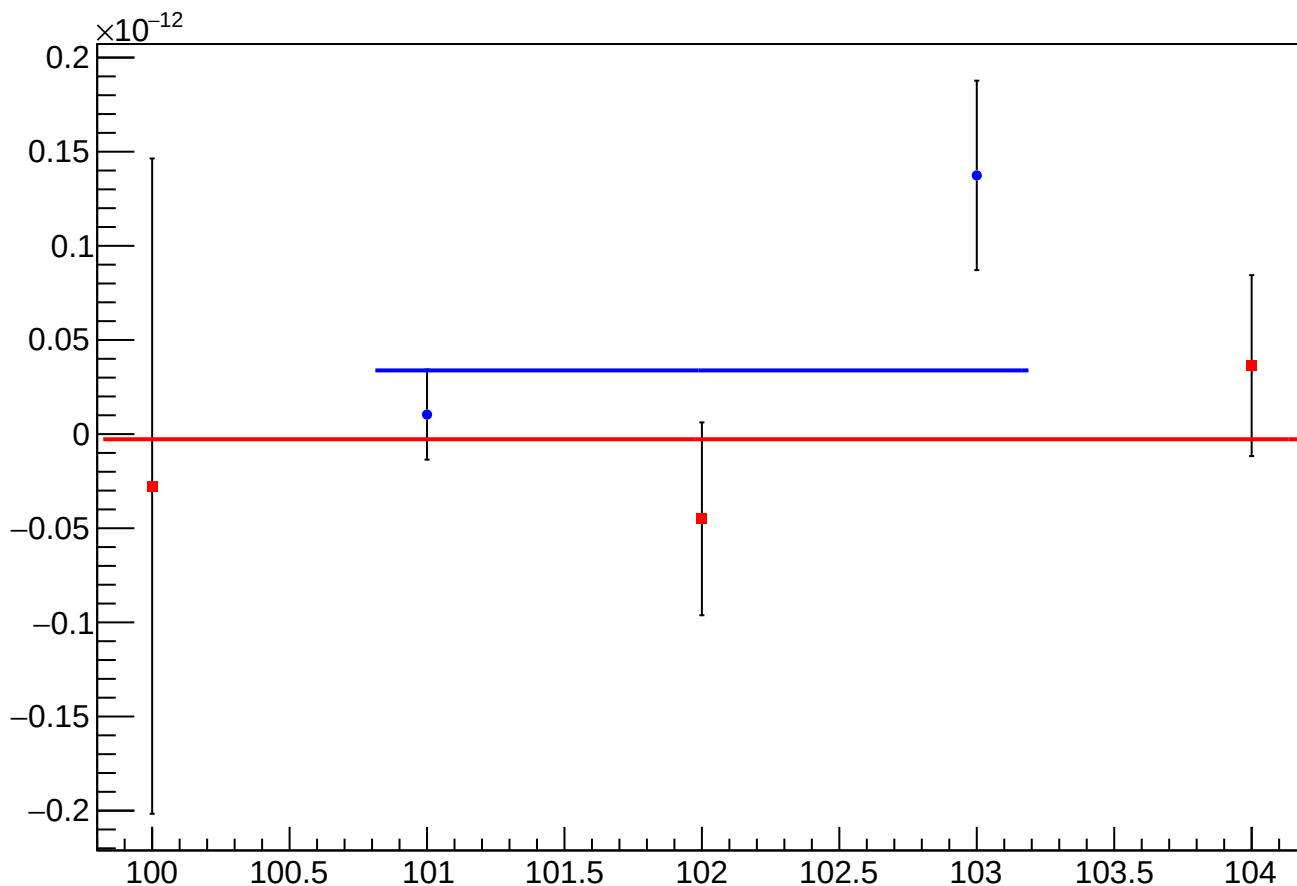
Right: 64.624+/-0.032 χ^2/NDF : 193888.0/4

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.624+/-0.032 χ^2/NDF : 193888.0/4

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 : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

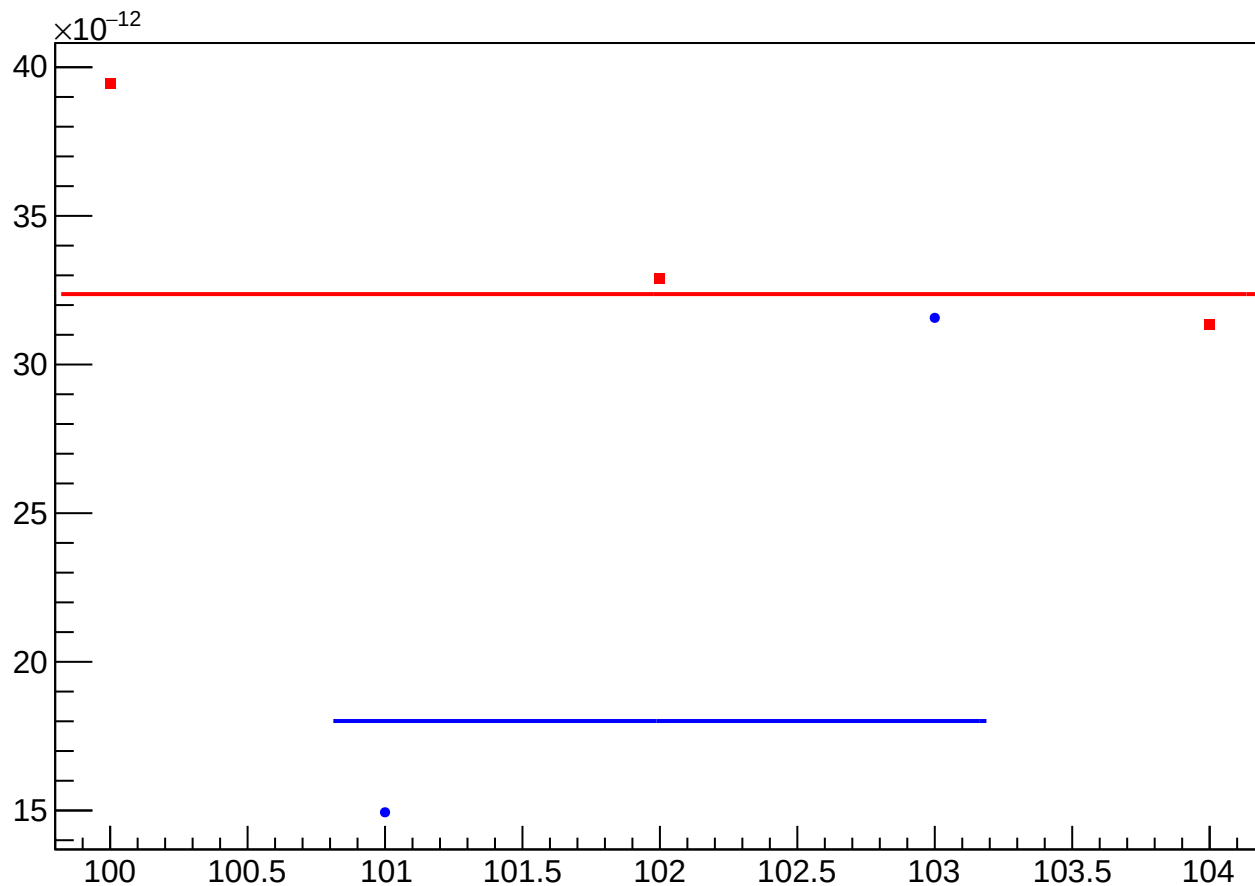
Right: 0.000+/-0.000 χ^2/NDF : 7.4/4

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 : 7.4/4

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 : 4426.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

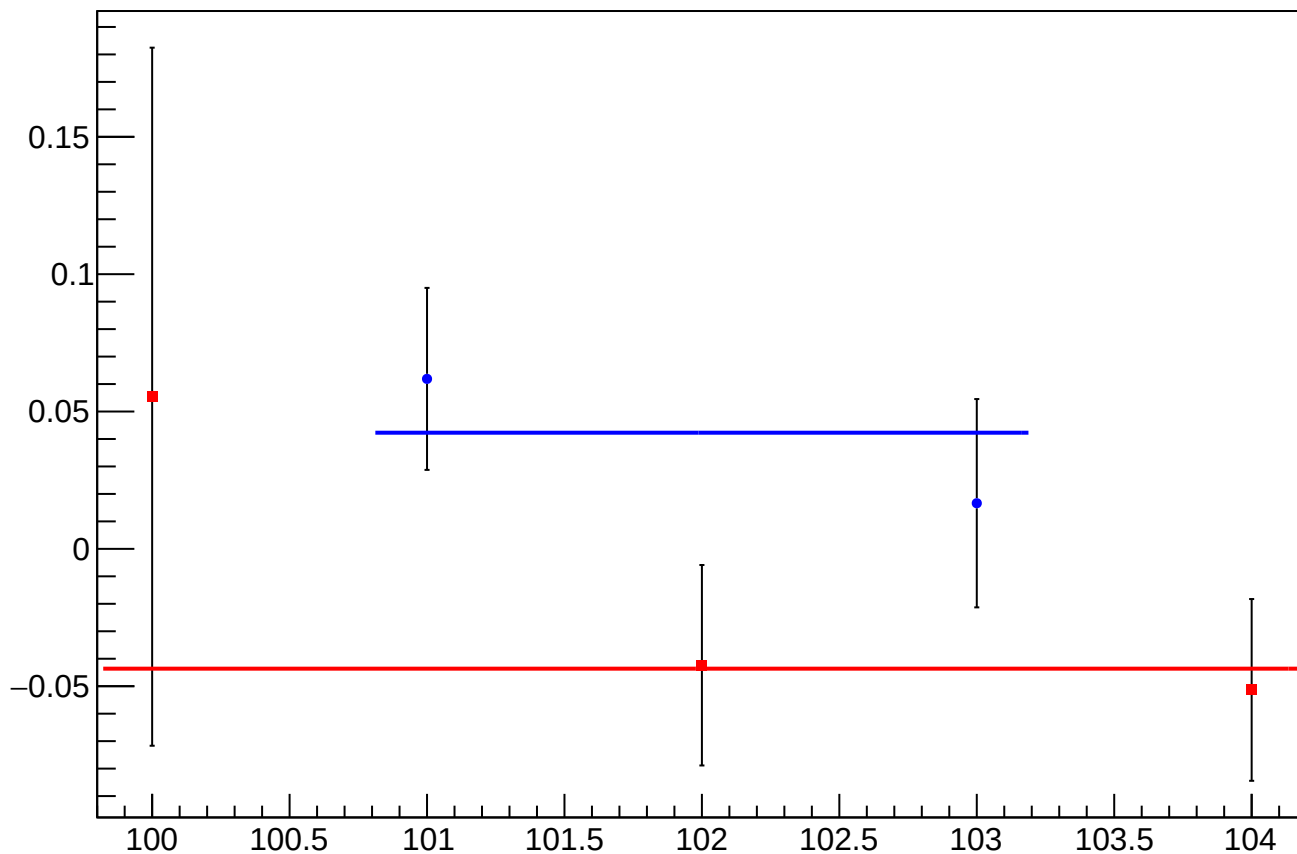
Right: 0.000+/-0.000 χ^2/NDF : 432937.7/4

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 : 432937.7/4

asym_usl_overload_cor_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: -0.044 $\pm$ 0.024 χ^2 /NDF: 0.7/2

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

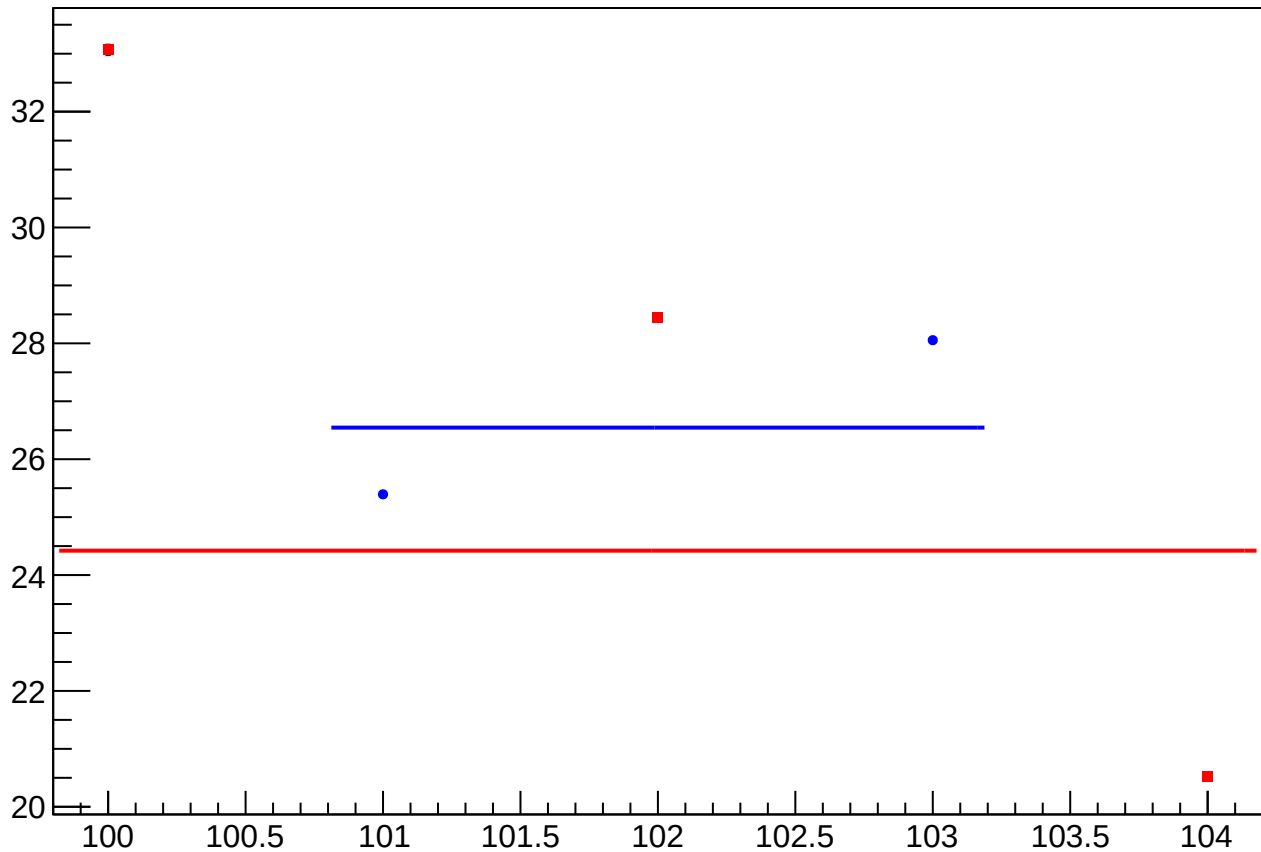
Right: -0.002 $\pm$ 0.017 χ^2 /NDF: 7.6/4

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: -0.002 $\pm$ 0.017 χ^2 /NDF: 7.6/4

asym_usl_overload_cor_vs_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: 24.421 $\pm$ 0.017 χ^2 /NDF: 61378.6/2

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

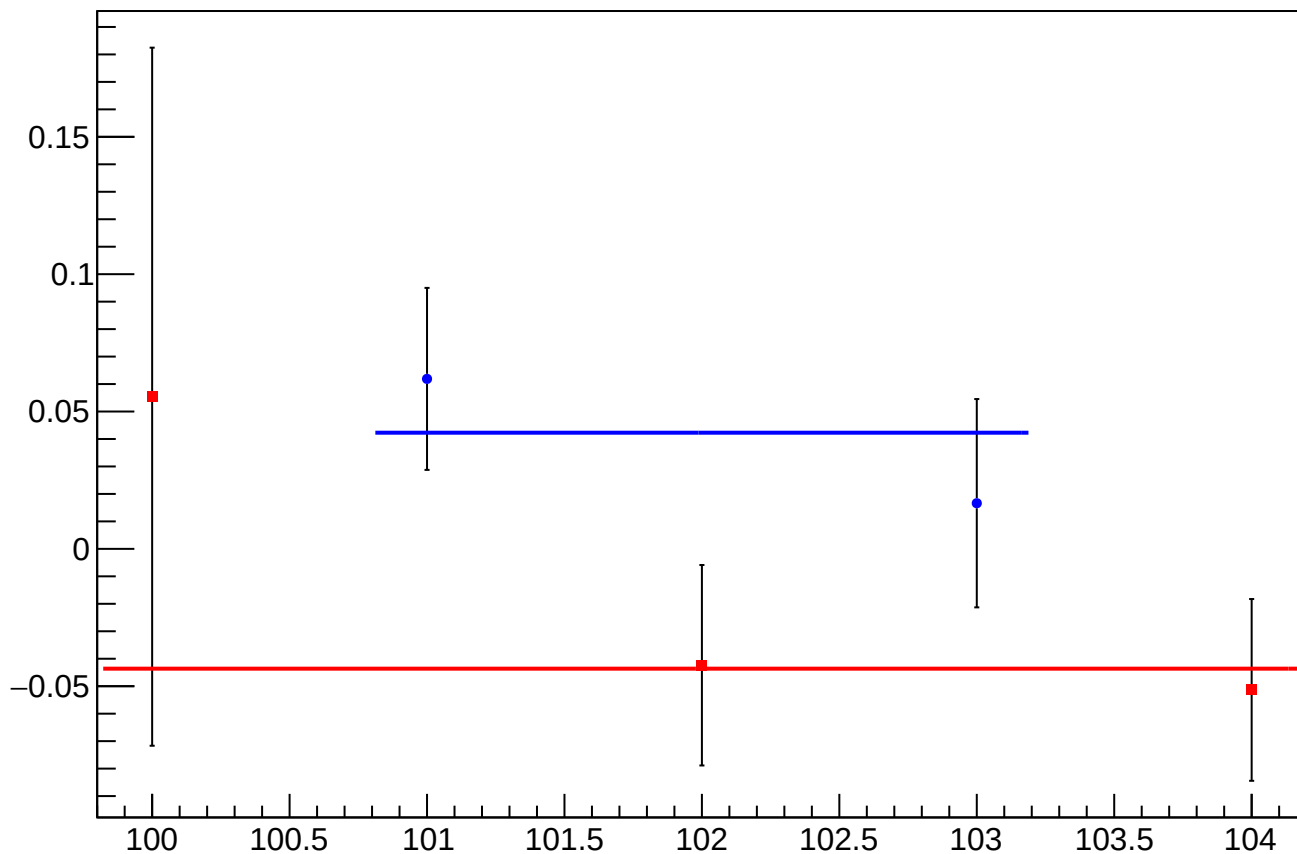
Right: 25.445 $\pm$ 0.012 χ^2 /NDF: 74474.8/4

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: 25.445 $\pm$ 0.012 χ^2 /NDF: 74474.8/4

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: -0.044 $\pm$ 0.024 χ^2 /NDF: 0.7/2

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

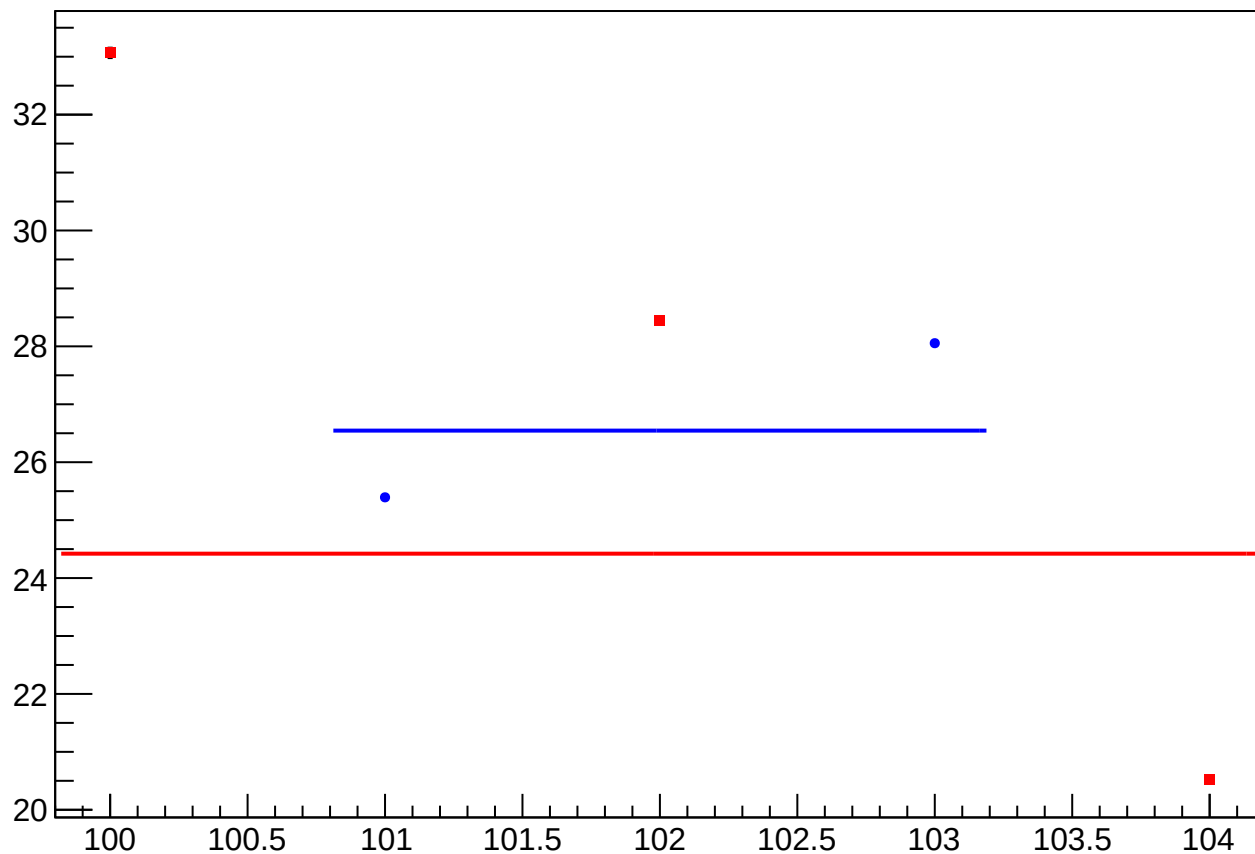
Right: -0.002 $\pm$ 0.017 χ^2 /NDF: 7.6/4

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: -0.002 $\pm$ 0.017 χ^2 /NDF: 7.6/4

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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

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

Right Out: 24.421+/-0.017 χ^2/NDF : 61378.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

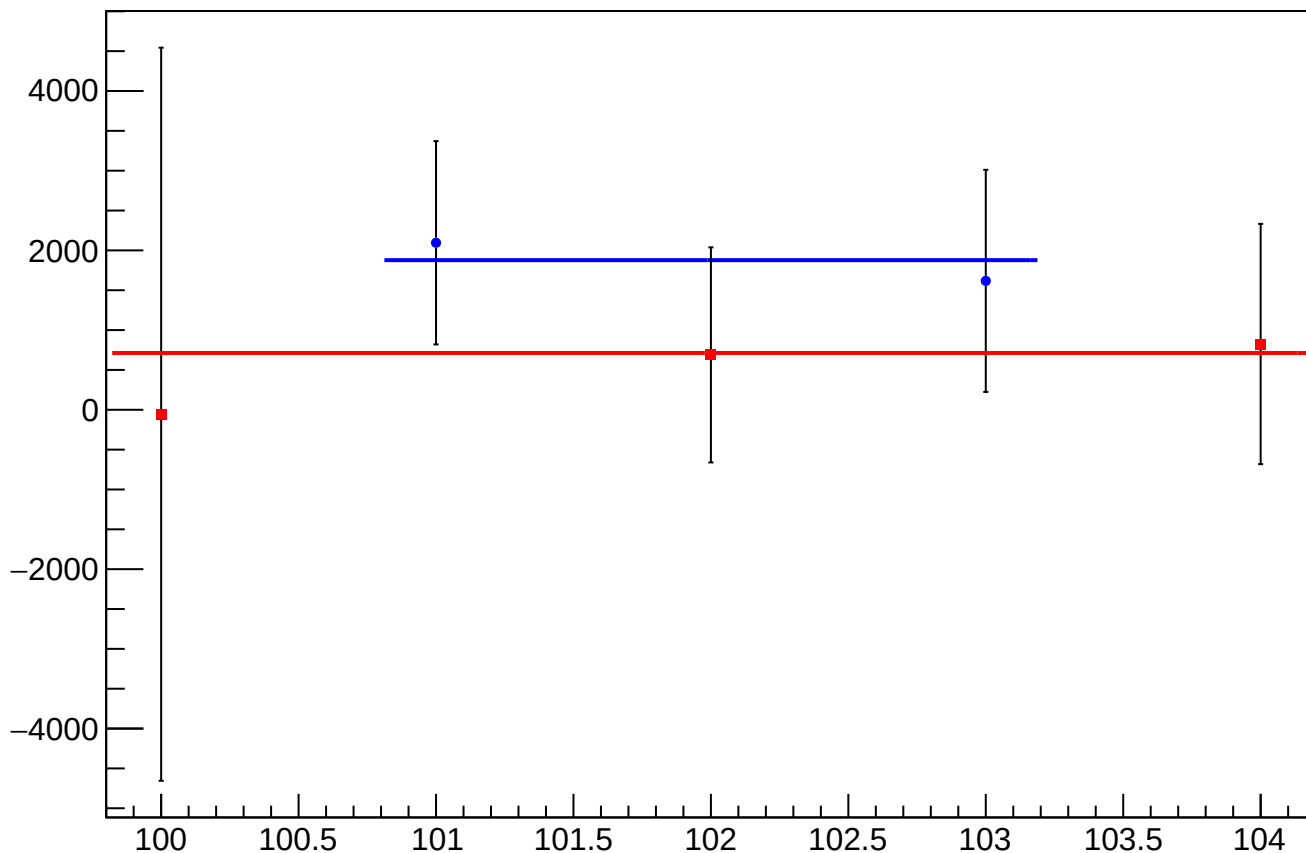
Right: 25.445+/-0.012 χ^2/NDF : 74474.8/4

In: 26.545+/-0.018 χ^2/NDF : 5585.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.445+/-0.012 χ^2/NDF : 74474.8/4

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 1877.450 $\pm$ 940.880 χ^2 /NDF: 0.1/1

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

Right Out: 712.746 $\pm$ 982.251 χ^2 /NDF: 0.0/2

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

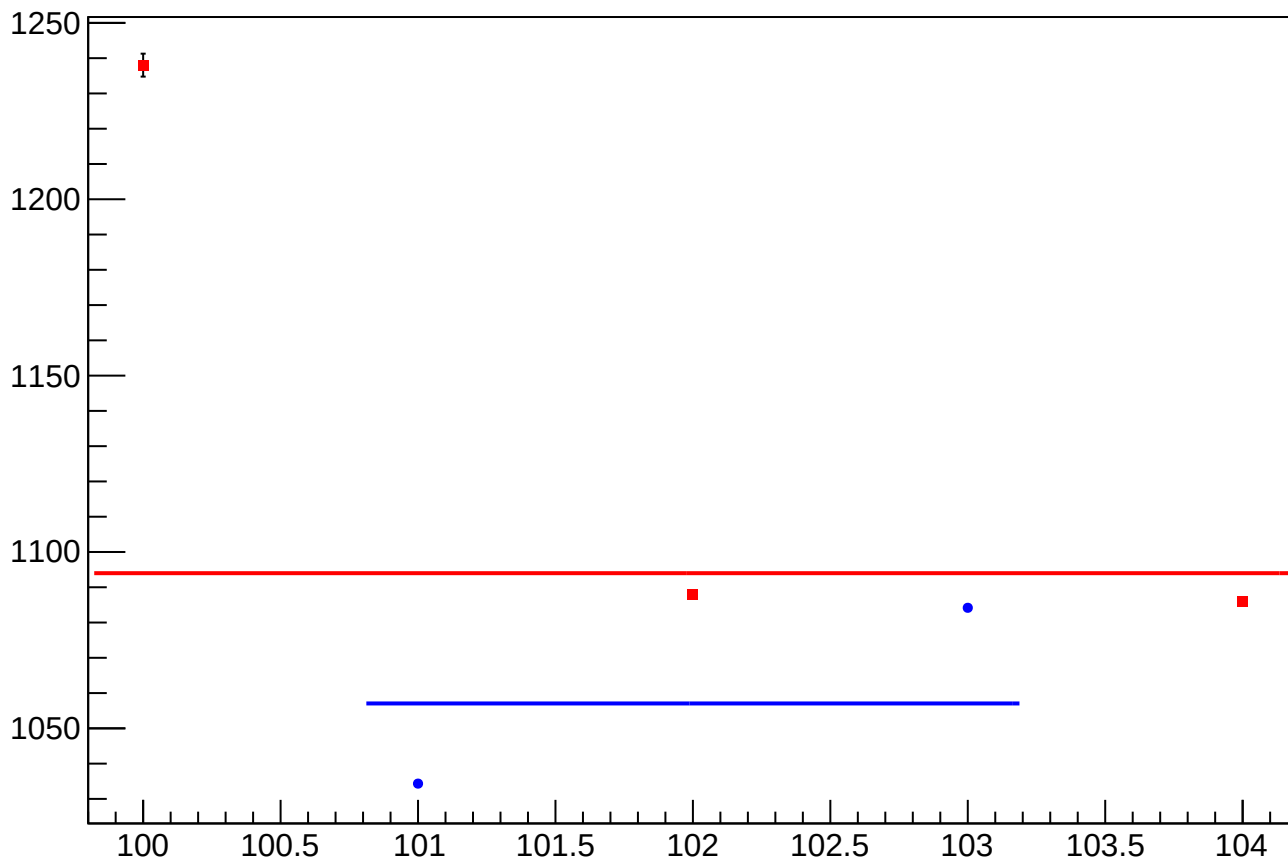
Right: 1320.142 $\pm$ 679.458 χ^2 /NDF: 0.8/4

In: 1877.450 $\pm$ 940.880 χ^2 /NDF: 0.1/1

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

All: 1320.142 $\pm$ 679.458 χ^2 /NDF: 0.8/4

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: 1093.992+/-0.695 χ^2/NDF : 2057.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

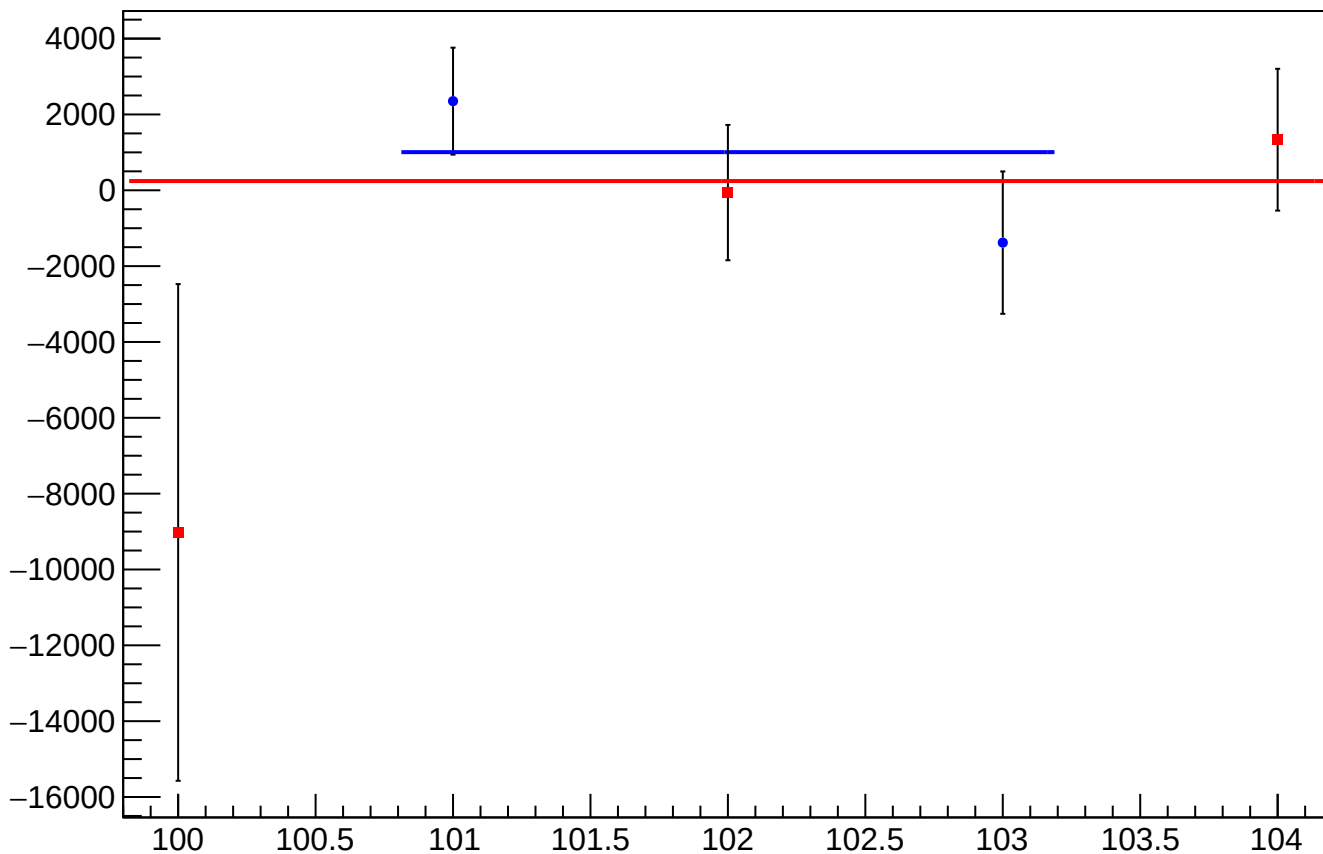
Right: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

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: 243.855+/-1266.432 χ^2/NDF : 2.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

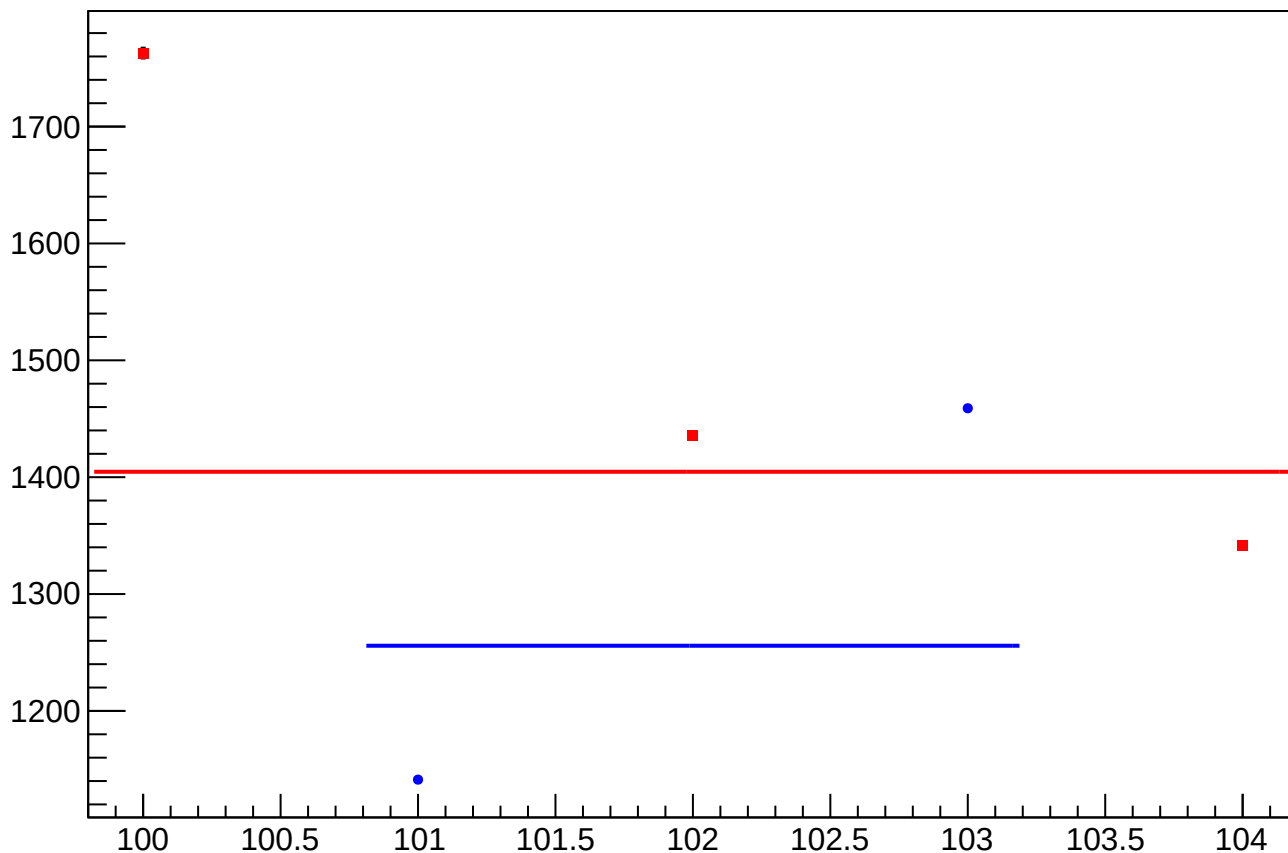
Right: 669.101+/-842.006 χ^2/NDF : 5.1/4

In: 1006.007+/-1127.238 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 669.101+/-842.006 χ^2/NDF : 5.1/4

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: 1404.635 $\pm$ 0.896 χ^2 /NDF: 8879.6/2

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

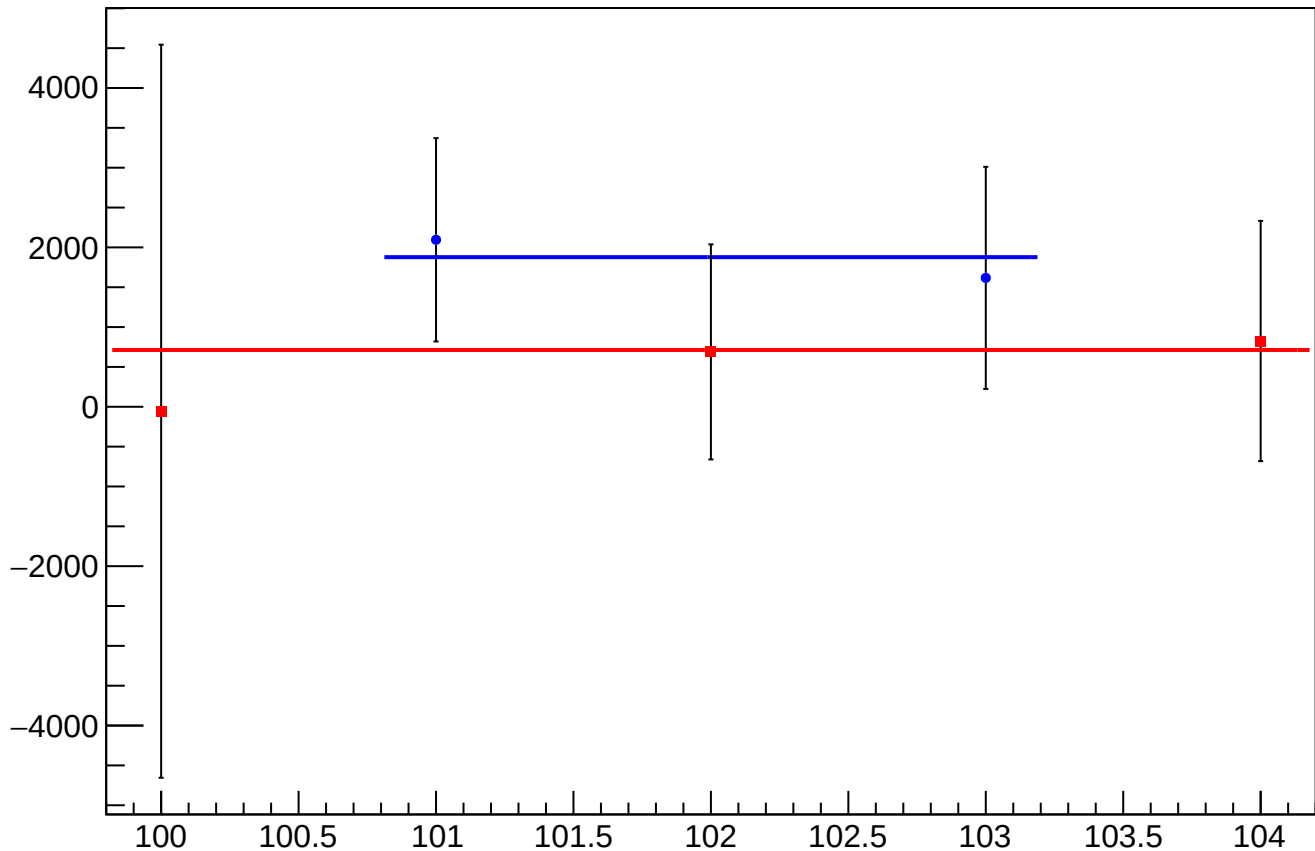
Right: 1321.578 $\pm$ 0.595 χ^2 /NDF: 60939.6/4

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: 1321.578 $\pm$ 0.595 χ^2 /NDF: 60939.6/4

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: 712.746+/-982.251 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

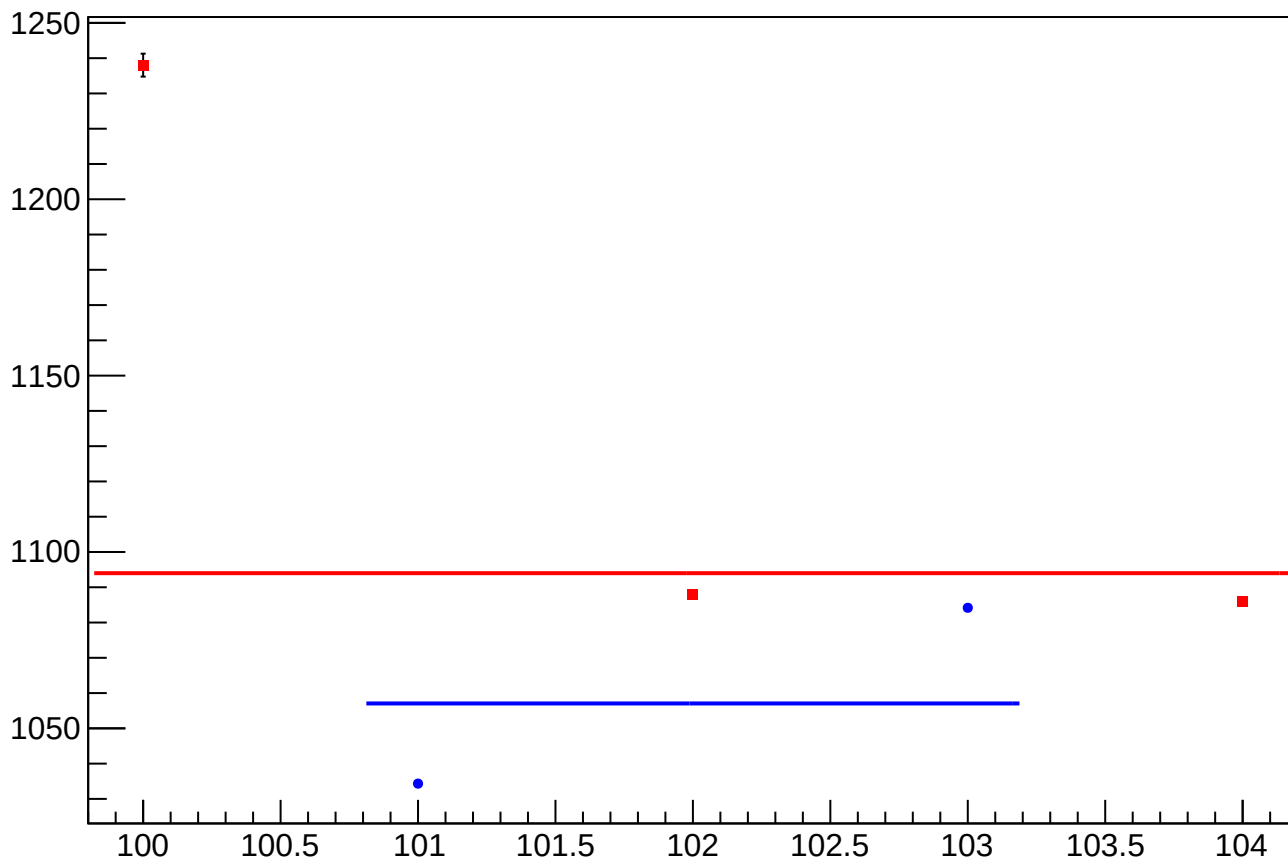
Right: 1320.142+/-679.458 χ^2/NDF : 0.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.142+/-679.458 χ^2/NDF : 0.8/4

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: 1093.992+/-0.695 χ^2/NDF : 2057.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

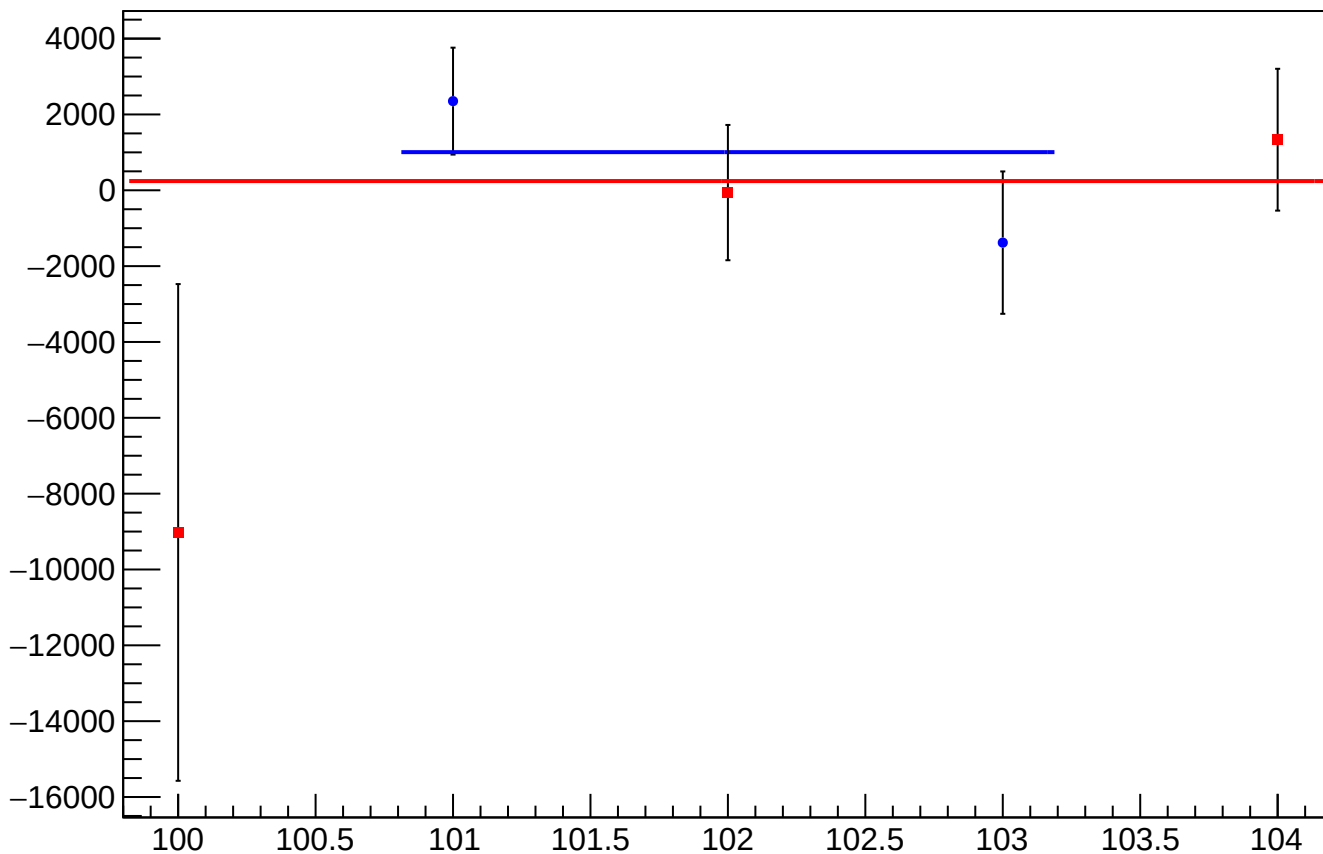
Right: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

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: 243.855 $\pm$ 1266.432 χ^2 /NDF: 2.4/2

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

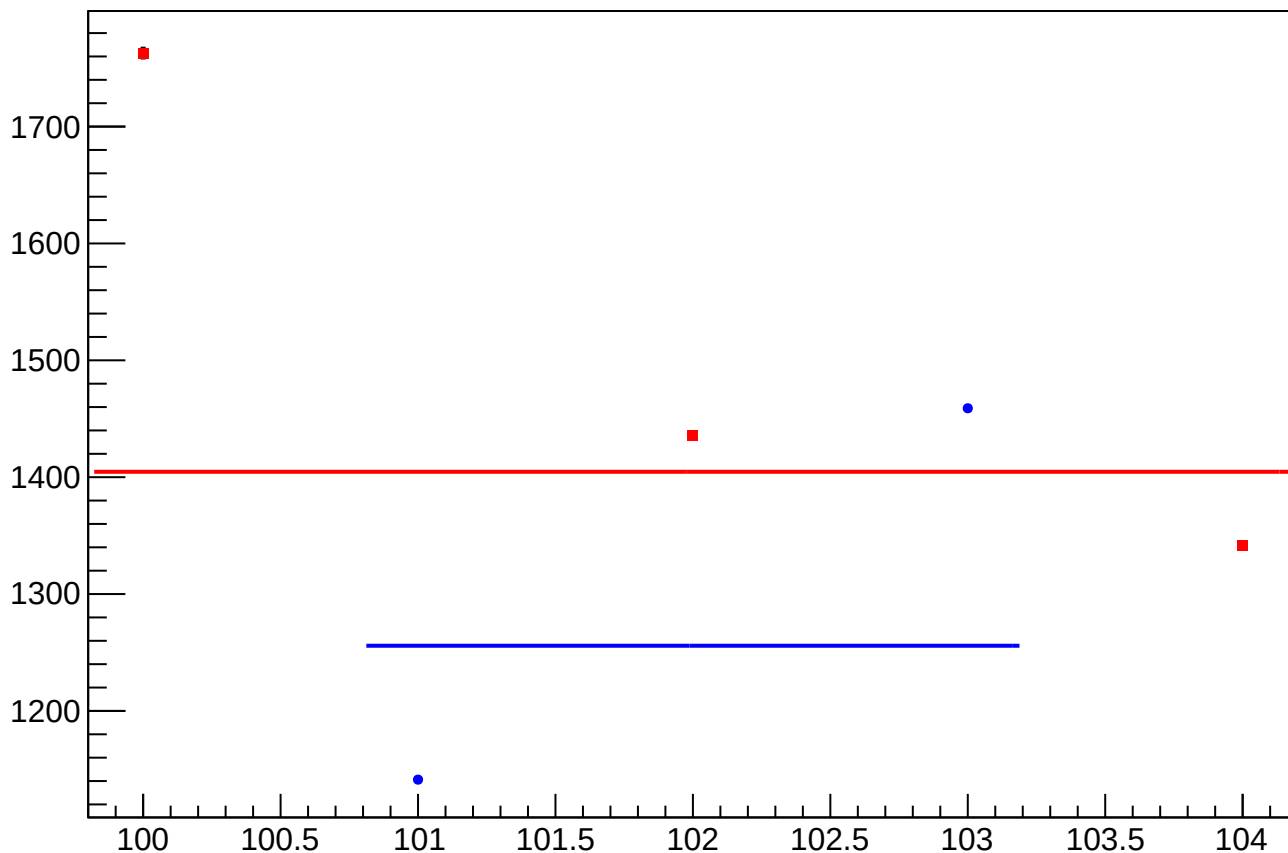
Right: 669.101 $\pm$ 842.006 χ^2 /NDF: 5.1/4

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: 669.101 $\pm$ 842.006 χ^2 /NDF: 5.1/4

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: 1404.635 $\pm$ 0.896 χ^2 /NDF: 8879.6/2

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

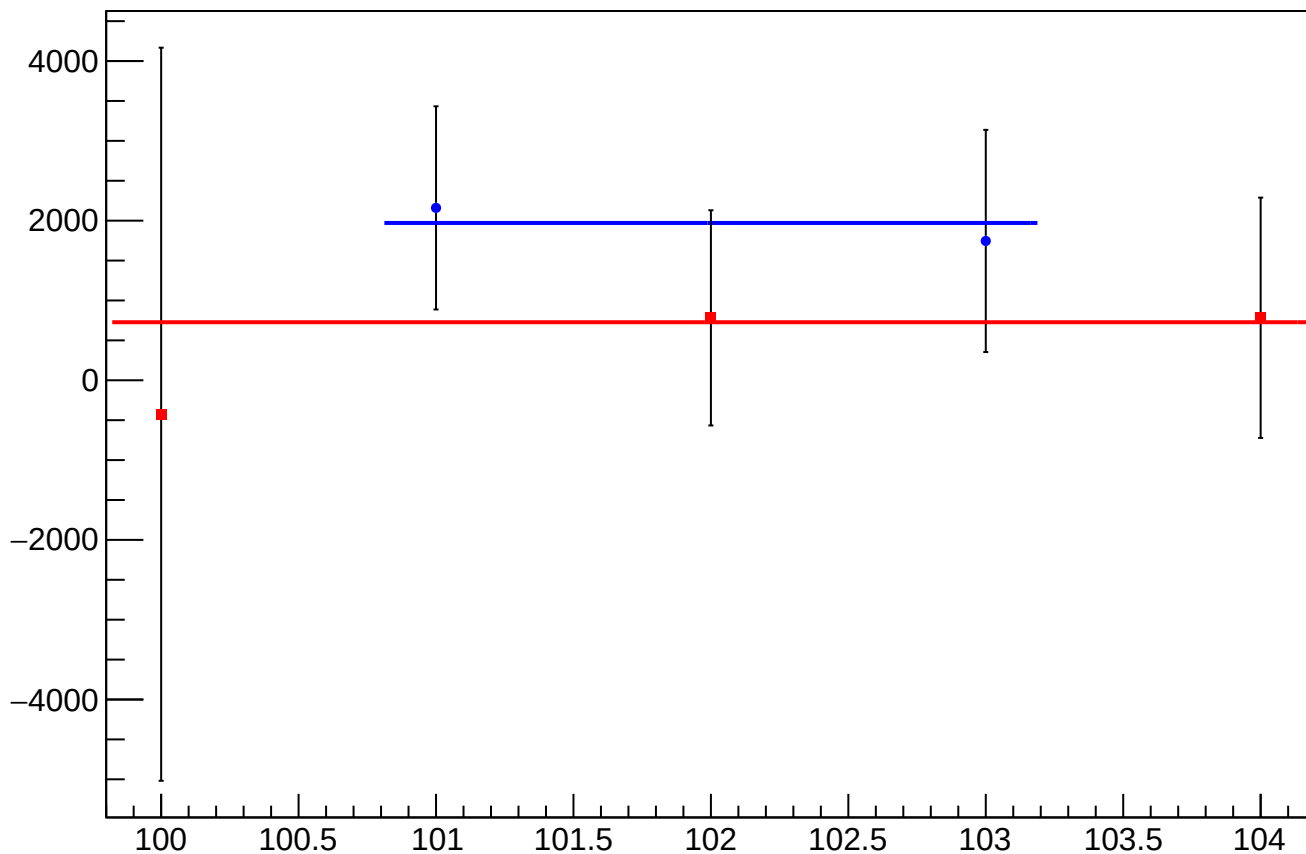
Right: 1321.578 $\pm$ 0.595 χ^2 /NDF: 60939.6/4

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: 1321.578 $\pm$ 0.595 χ^2 /NDF: 60939.6/4

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 1971.300 $\pm$ 939.435 χ^2 /NDF: 0.0/1

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

Right Out: 727.372 $\pm$ 981.199 χ^2 /NDF: 0.1/2

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

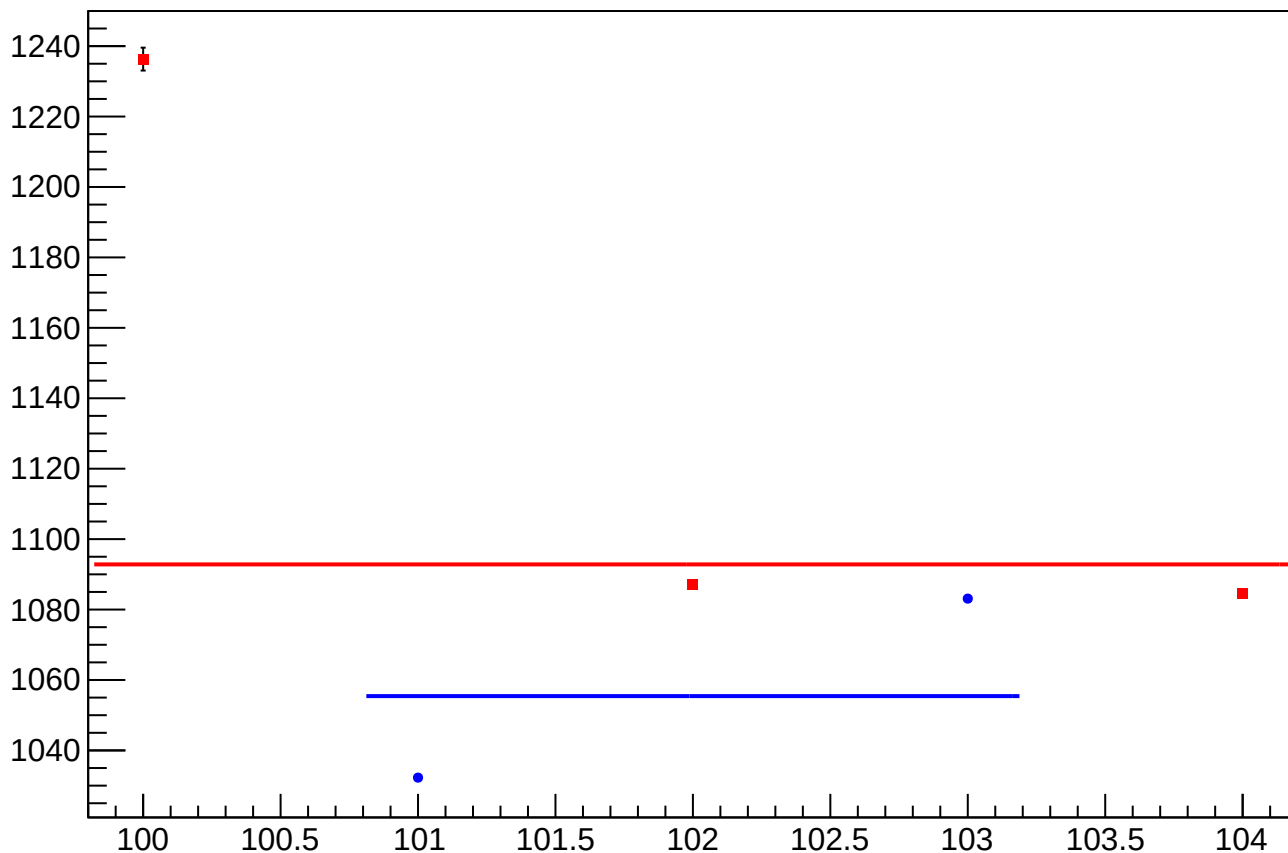
Right: 1376.373 $\pm$ 678.565 χ^2 /NDF: 1.0/4

In: 1971.300 $\pm$ 939.435 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1376.373 $\pm$ 678.565 χ^2 /NDF: 1.0/4

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: 1092.822+/-0.694 χ^2/NDF : 2047.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

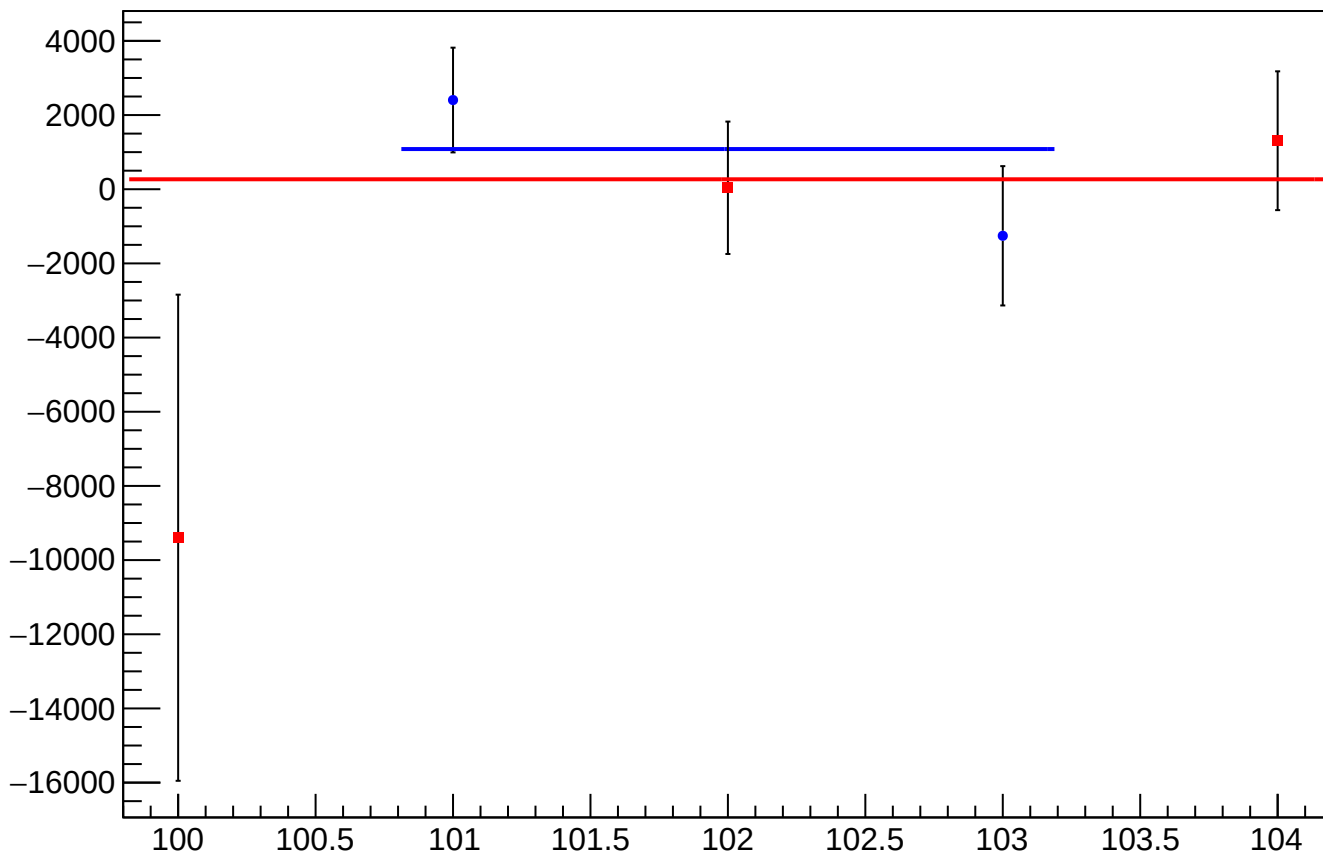
Right: 1073.310+/-0.480 χ^2/NDF : 5016.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.310+/-0.480 χ^2/NDF : 5016.1/4

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: 268.038+/-1267.284 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

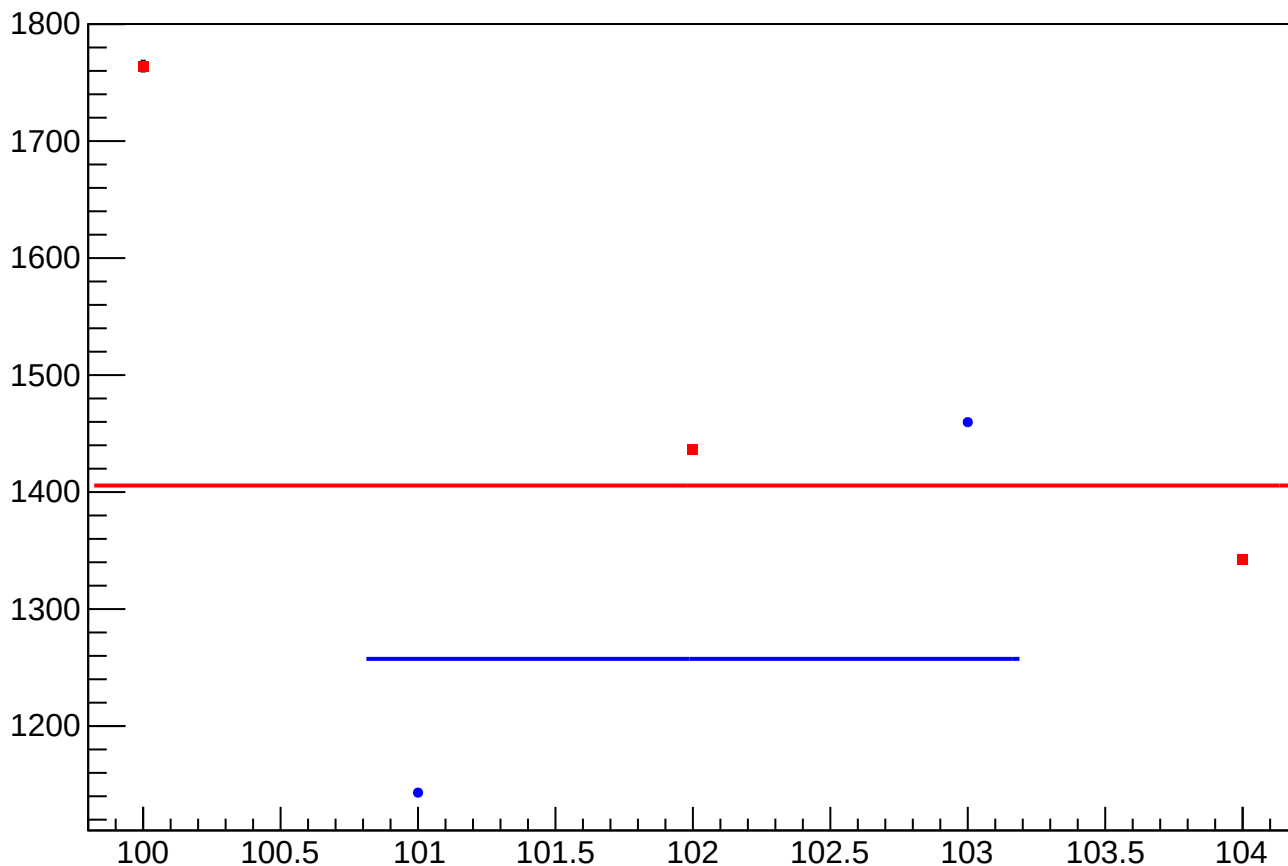
Right: 722.658+/-842.846 χ^2/NDF : 5.2/4

In: 1083.254+/-1128.653 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.658+/-842.846 χ^2/NDF : 5.2/4

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: 1405.598+/-0.896 χ^2/NDF : 8862.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

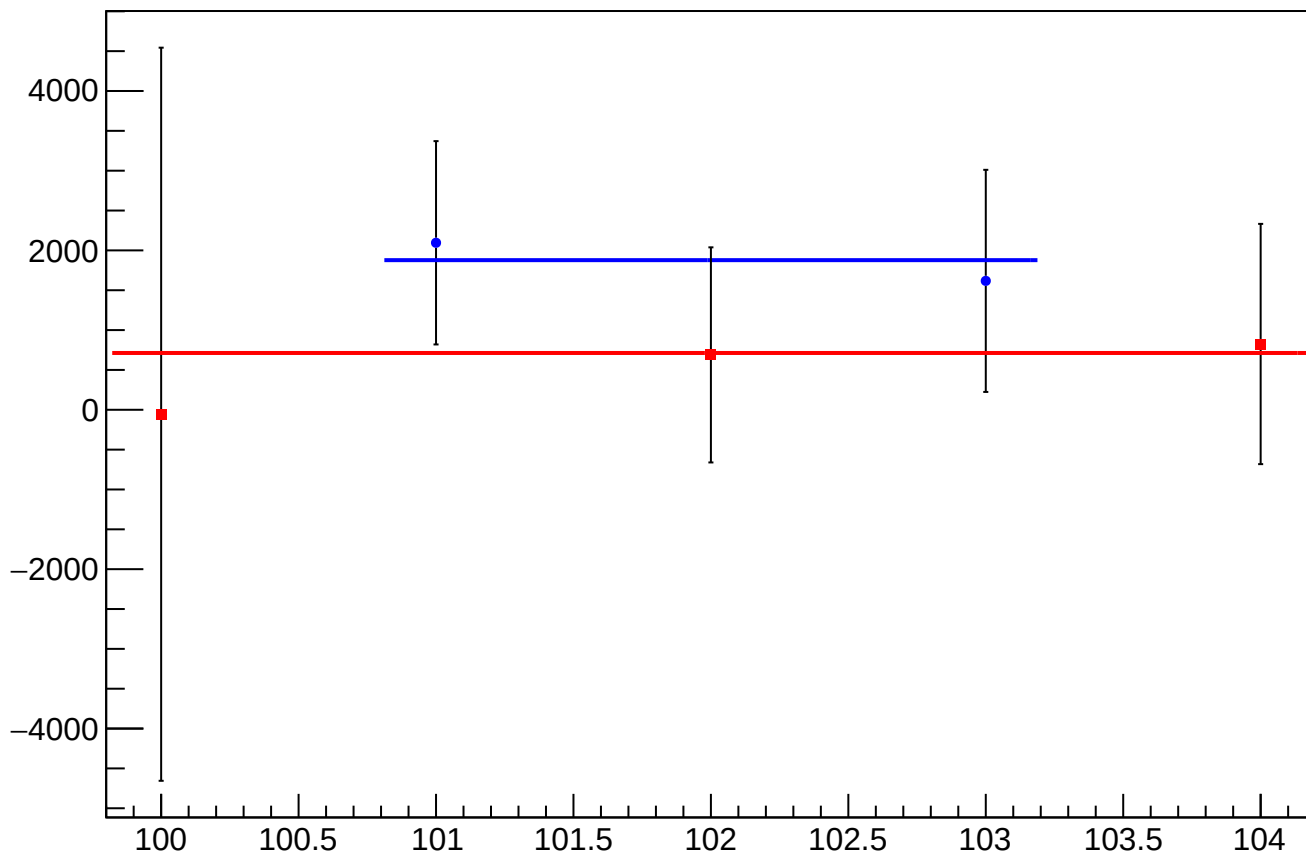
Right: 1322.976+/-0.596 χ^2/NDF : 60425.3/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.976+/-0.596 χ^2/NDF : 60425.3/4

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 1877.450 $\pm$ 940.880 χ^2 /NDF: 0.1/1

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

Right Out: 712.746 $\pm$ 982.251 χ^2 /NDF: 0.0/2

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

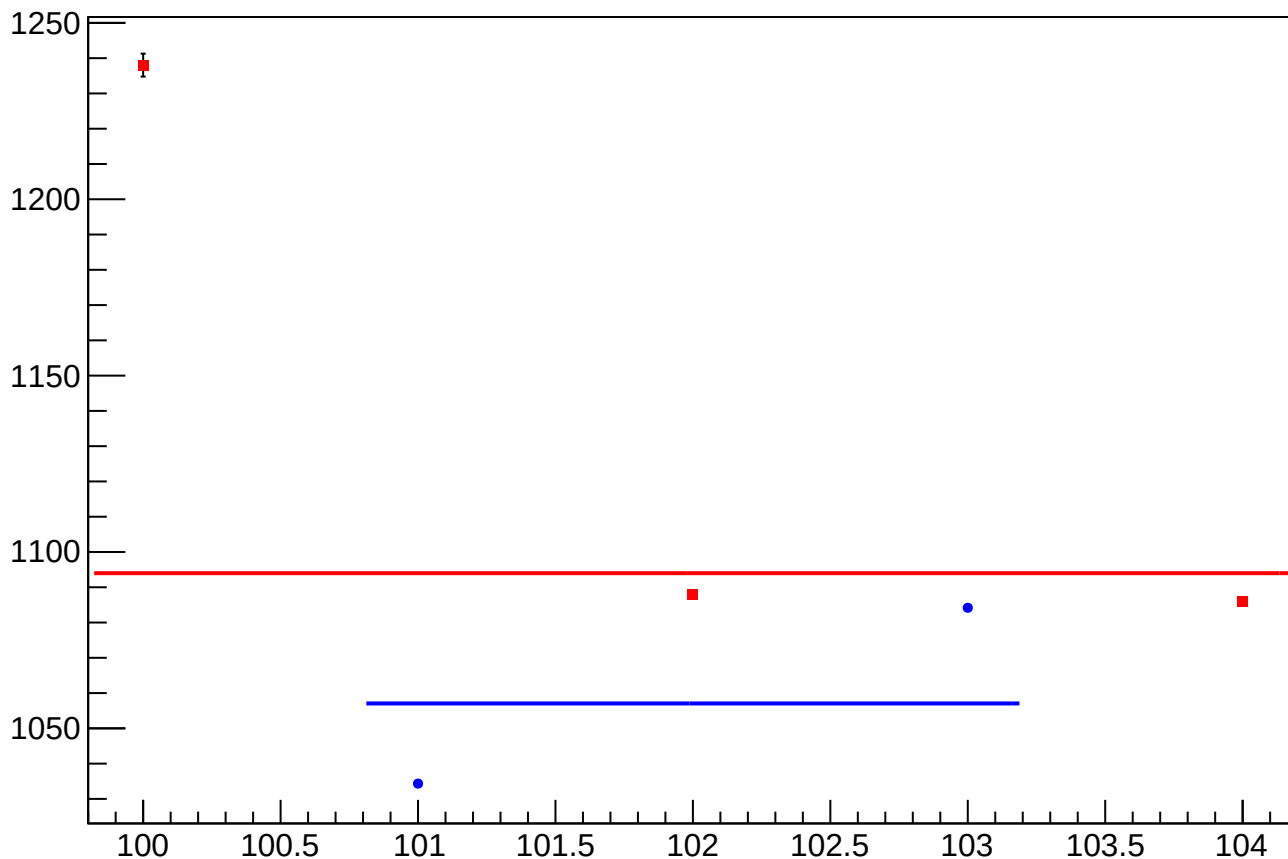
Right: 1320.142 $\pm$ 679.458 χ^2 /NDF: 0.8/4

In: 1877.450 $\pm$ 940.880 χ^2 /NDF: 0.1/1

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

All: 1320.142 $\pm$ 679.458 χ^2 /NDF: 0.8/4

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: 1093.992+/-0.695 χ^2/NDF : 2057.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

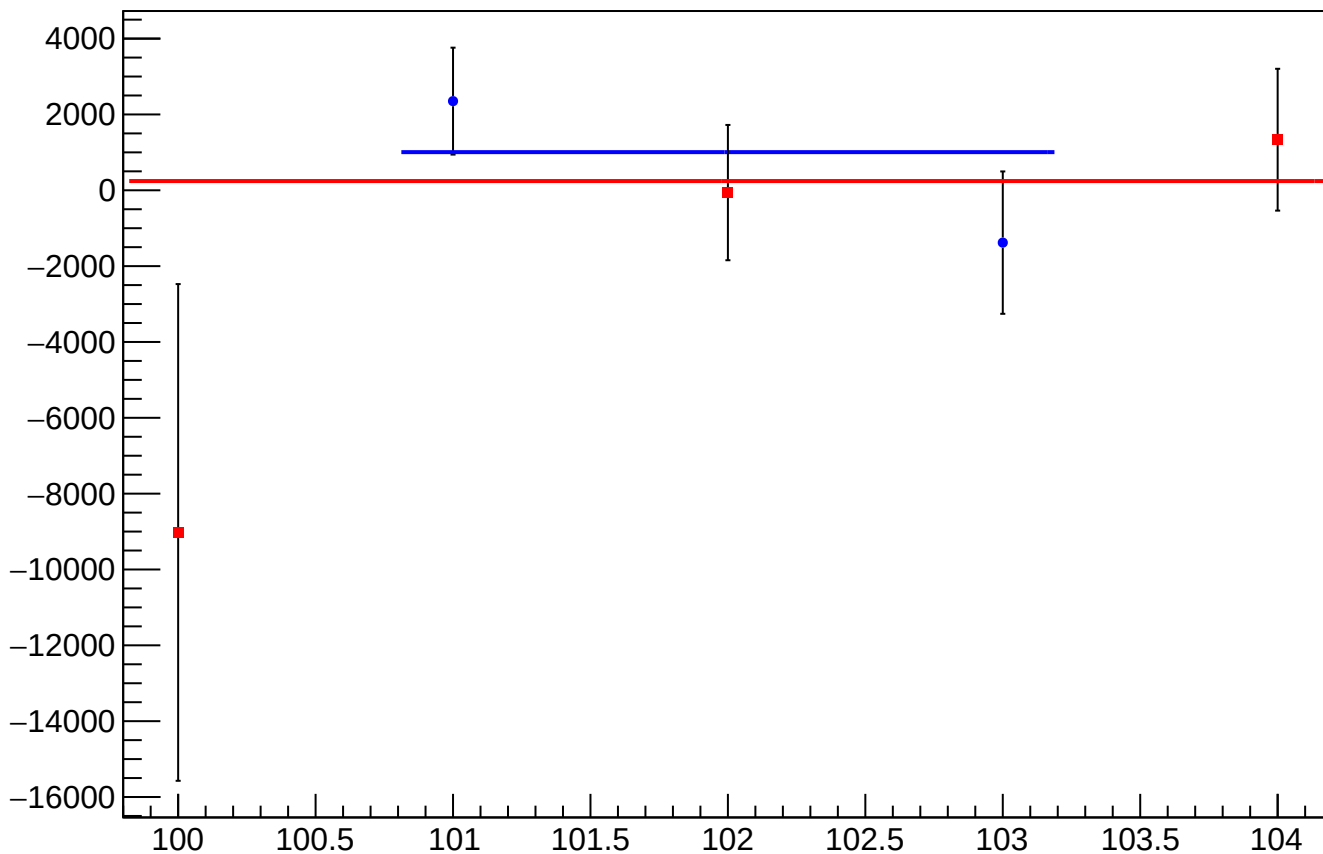
Right: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.731+/-0.480 χ^2/NDF : 4924.2/4

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



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

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

Right Out: 243.855 $\pm$ 1266.432 χ^2/NDF : 2.4/2

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

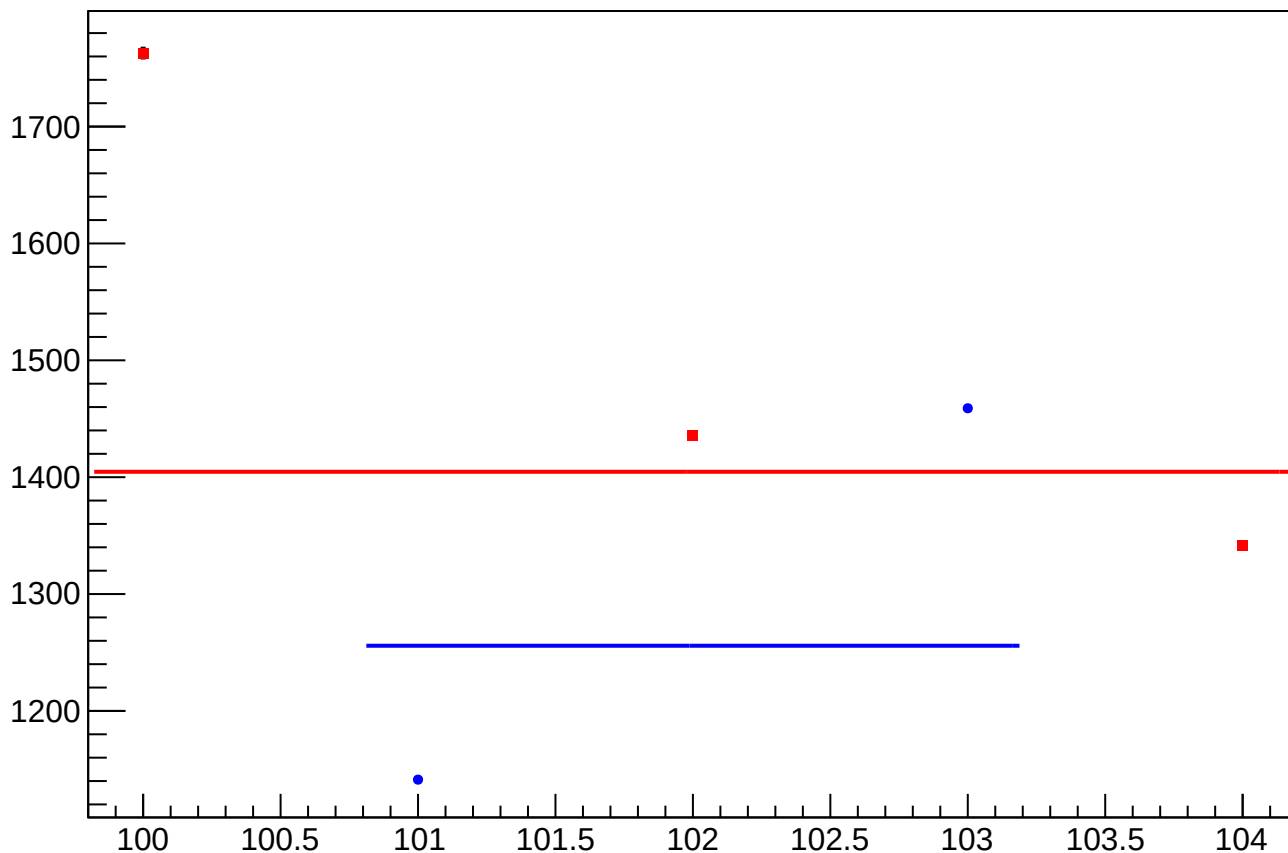
Right: 669.101 $\pm$ 842.006 χ^2/NDF : 5.1/4

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: 669.101 $\pm$ 842.006 χ^2/NDF : 5.1/4

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1255.776+/-0.797 χ^2/NDF : 36642.4/1

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

Right Out: 1404.635+/-0.896 χ^2/NDF : 8879.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

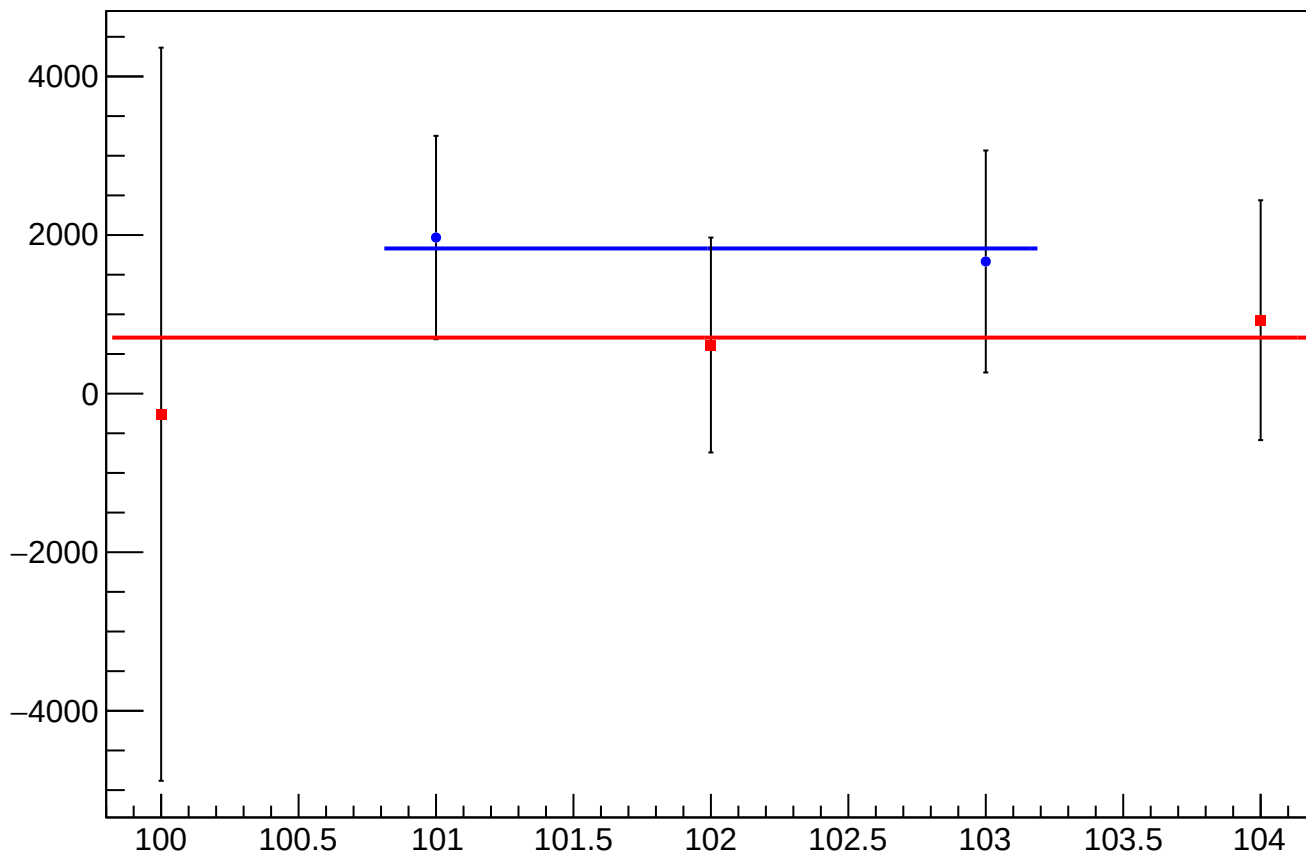
Right: 1321.578+/-0.595 χ^2/NDF : 60939.6/4

In: 1255.776+/-0.797 χ^2/NDF : 36642.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.578+/-0.595 χ^2/NDF : 60939.6/4

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: 706.525 $\pm$ 985.977 χ^2 /NDF: 0.1/2

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

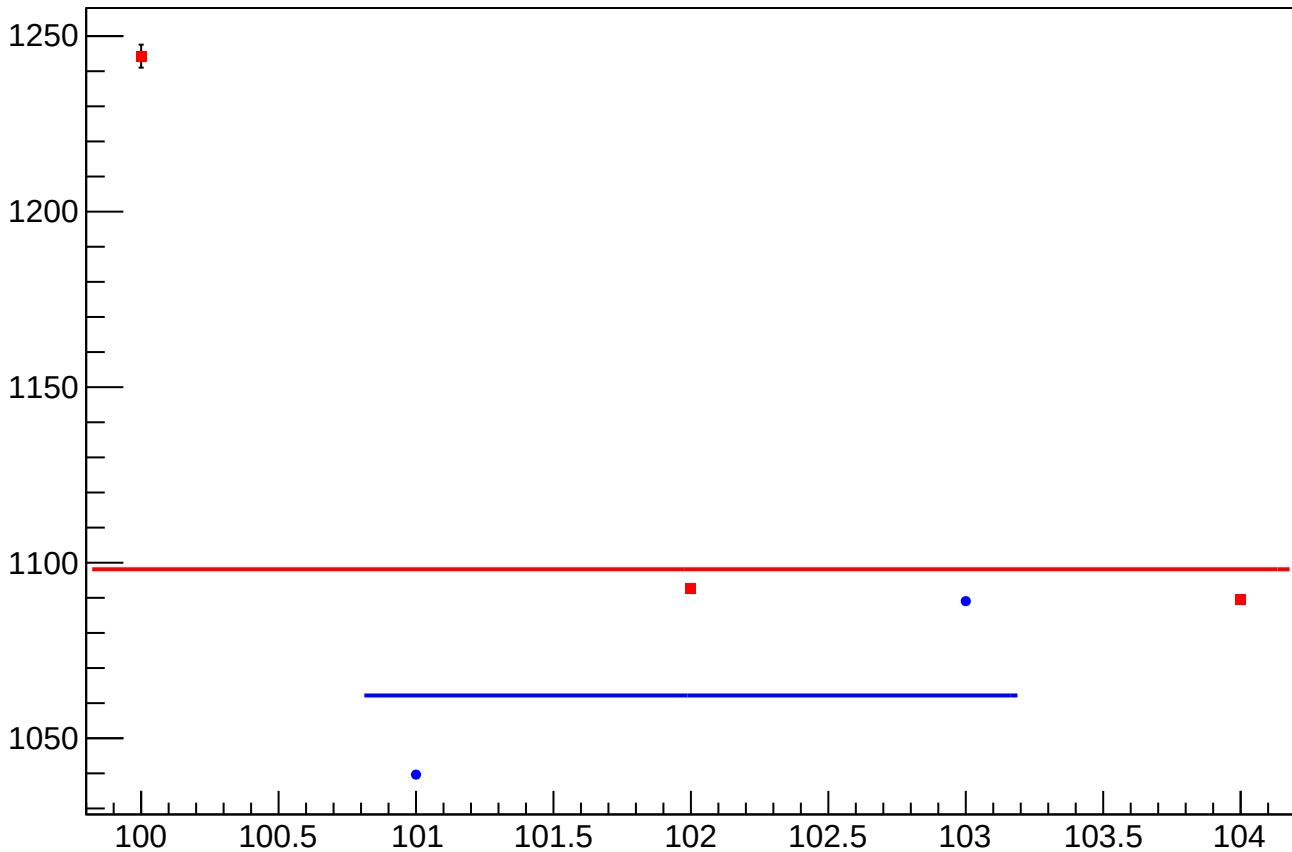
Right: 1292.223 $\pm$ 682.411 χ^2 /NDF: 0.8/4

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: 1292.223 $\pm$ 682.411 χ^2 /NDF: 0.8/4

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: 1098.129+/-0.697 χ^2/NDF : 2099.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

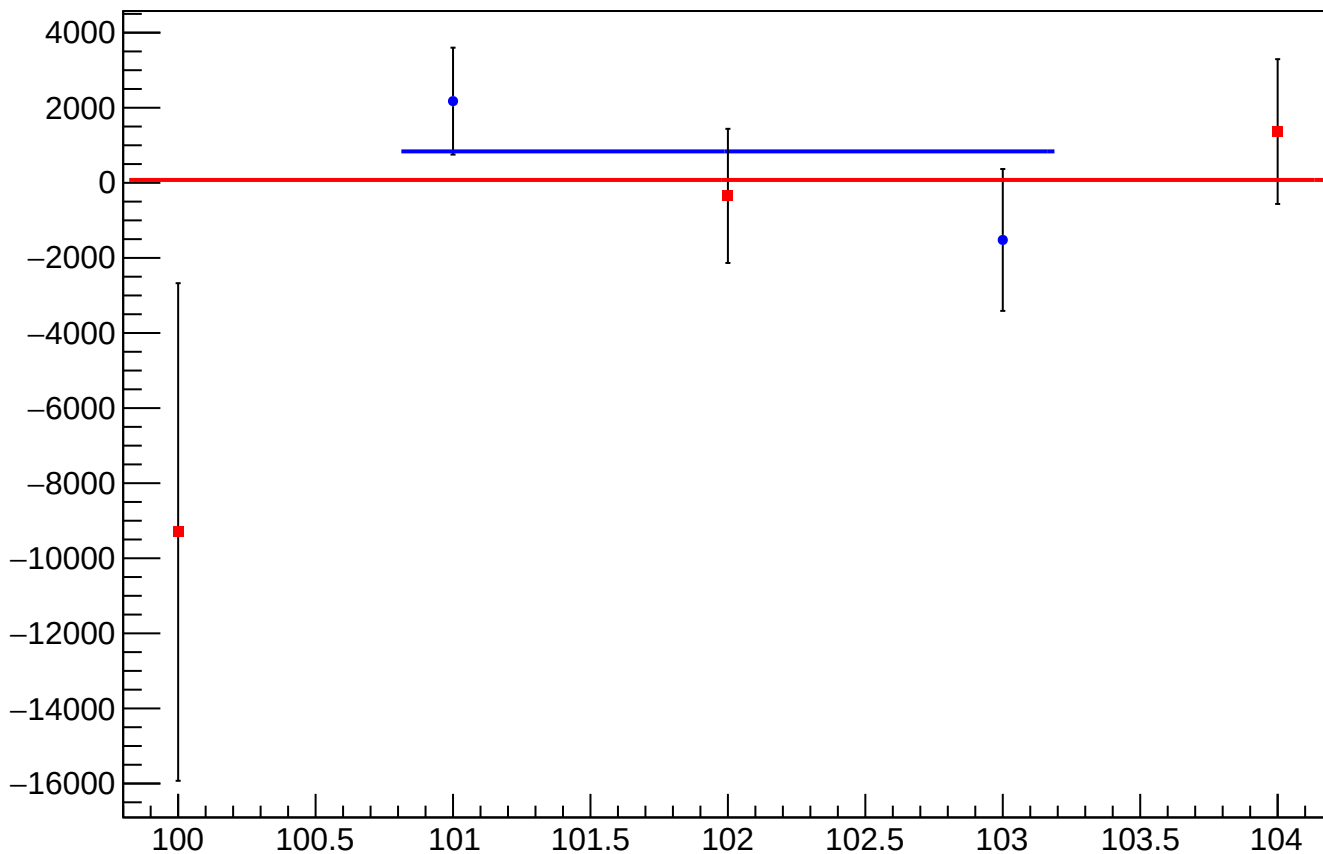
Right: 1079.403+/-0.483 χ^2/NDF : 4839.4/4

In: 1062.185+/-0.669 χ^2/NDF : 1355.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.403+/-0.483 χ^2/NDF : 4839.4/4

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: 76.936 $\pm$ 1285.616 χ^2 /NDF: 2.5/2

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

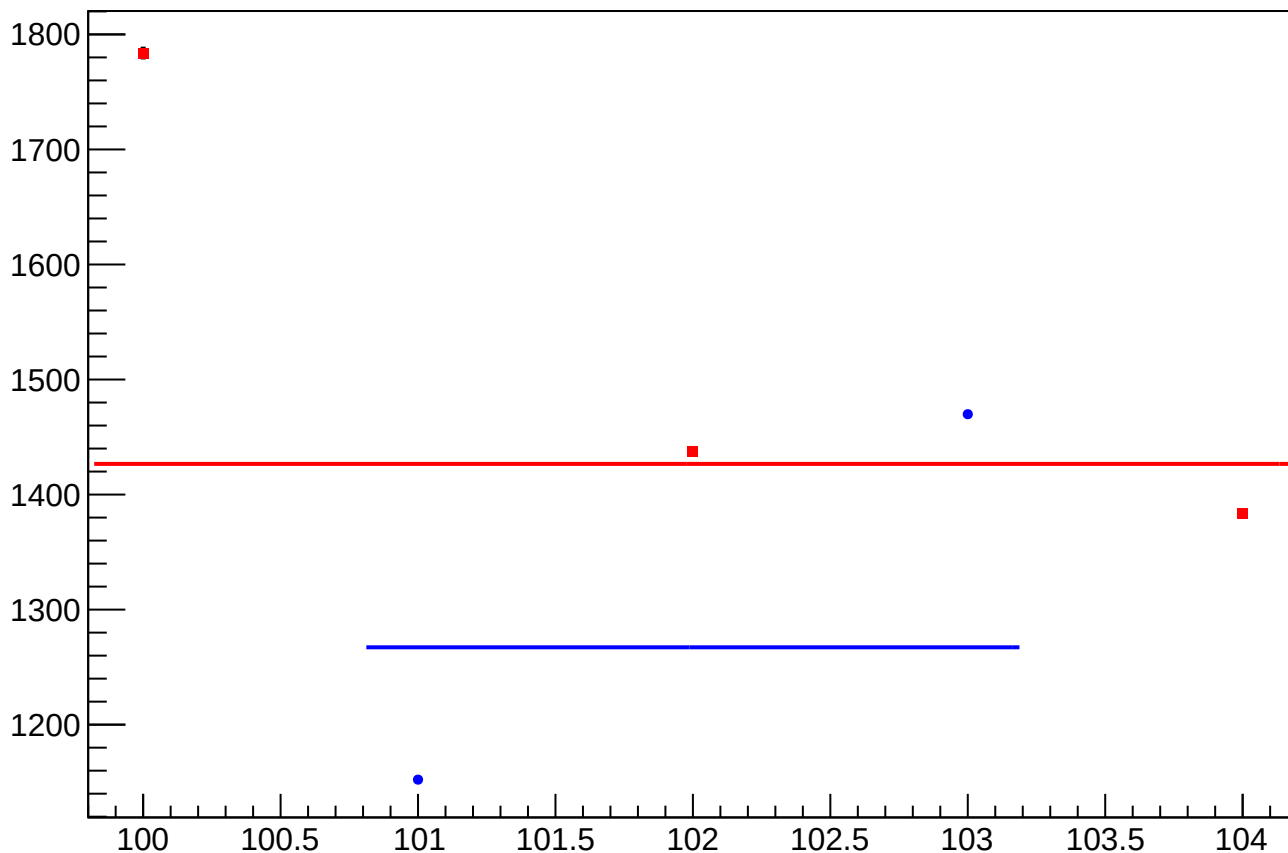
Right: 503.662 $\pm$ 851.713 χ^2 /NDF: 5.1/4

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: 503.662 $\pm$ 851.713 χ^2 /NDF: 5.1/4

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: 1426.664+/-0.909 χ^2/NDF : 6868.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

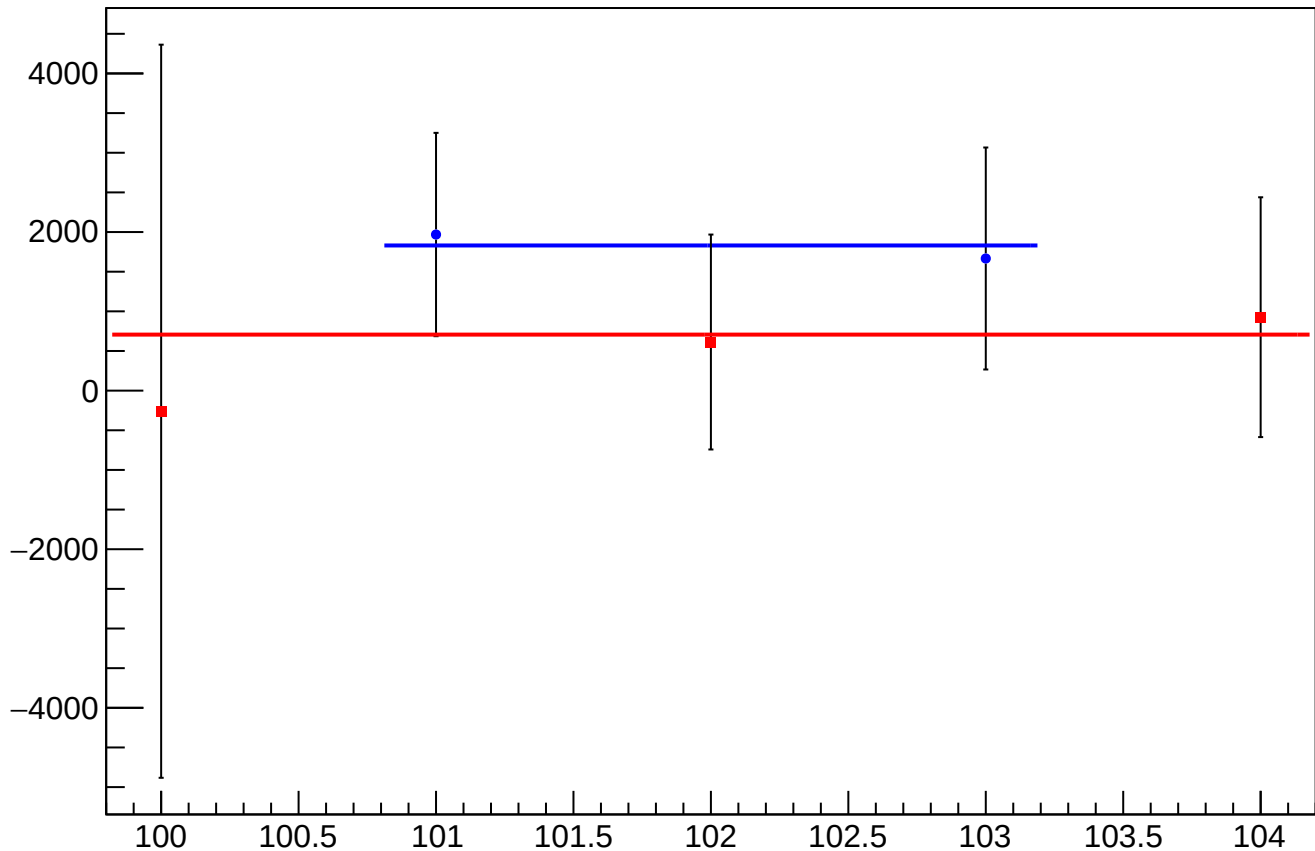
Right: 1337.212+/-0.602 χ^2/NDF : 60184.0/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.212+/-0.602 χ^2/NDF : 60184.0/4

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: 706.521 $\pm$ 985.977 χ^2 /NDF: 0.1/2

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

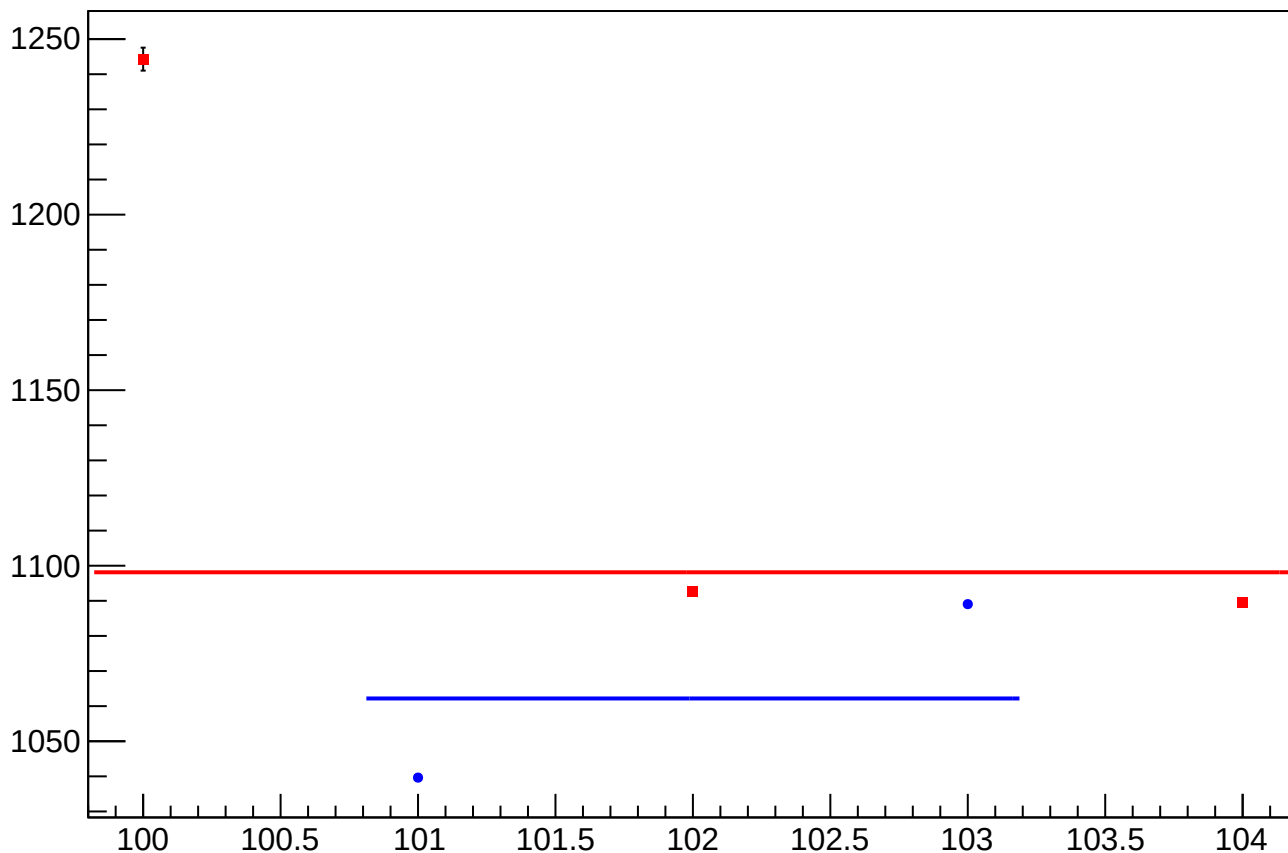
Right: 1292.219 $\pm$ 682.411 χ^2 /NDF: 0.8/4

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: 1292.219 $\pm$ 682.411 χ^2 /NDF: 0.8/4

eigen_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: 1098.129+/-0.697 χ^2/NDF : 2099.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

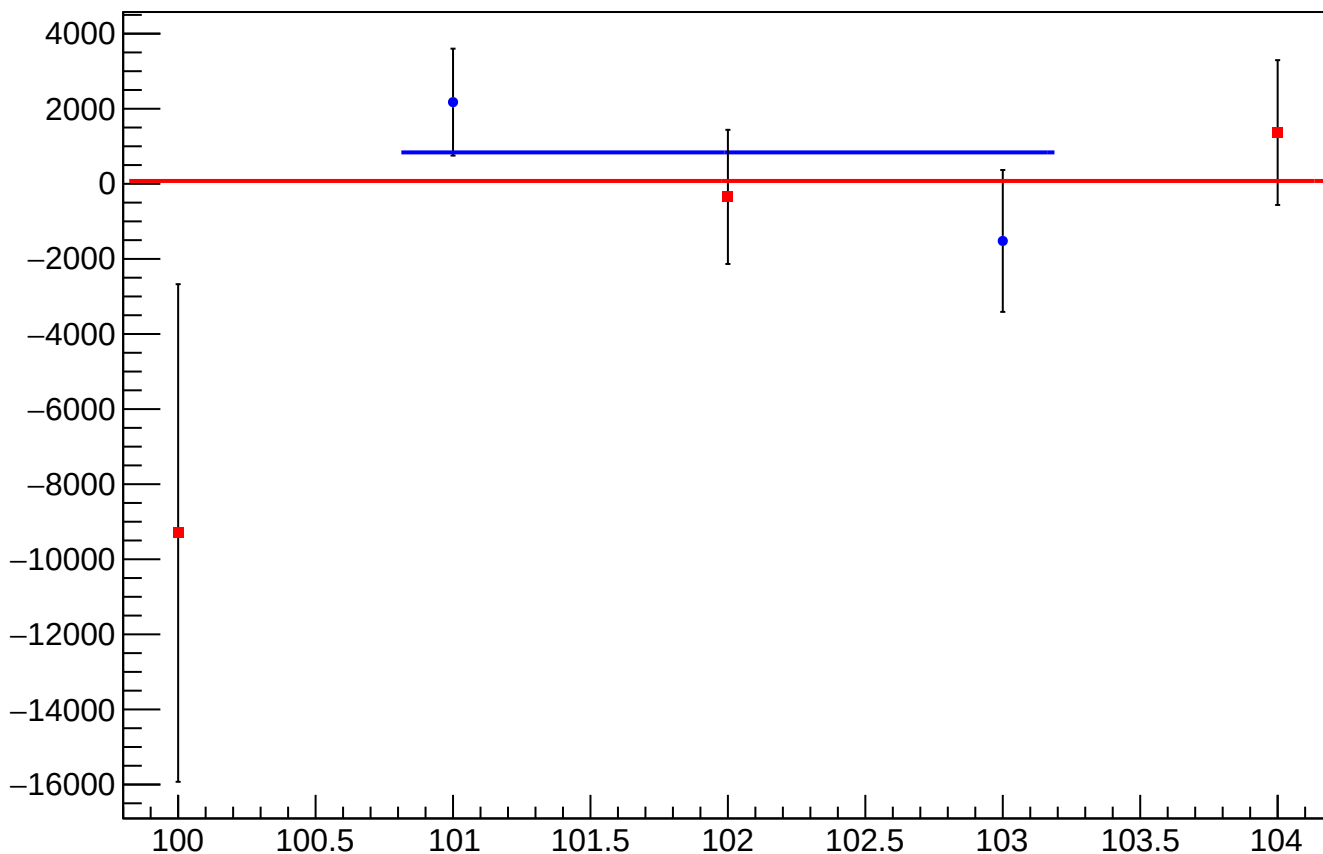
Right: 1079.403+/-0.483 χ^2/NDF : 4839.5/4

In: 1062.185+/-0.669 χ^2/NDF : 1355.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.403+/-0.483 χ^2/NDF : 4839.5/4

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: 76.929+/-1285.619 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

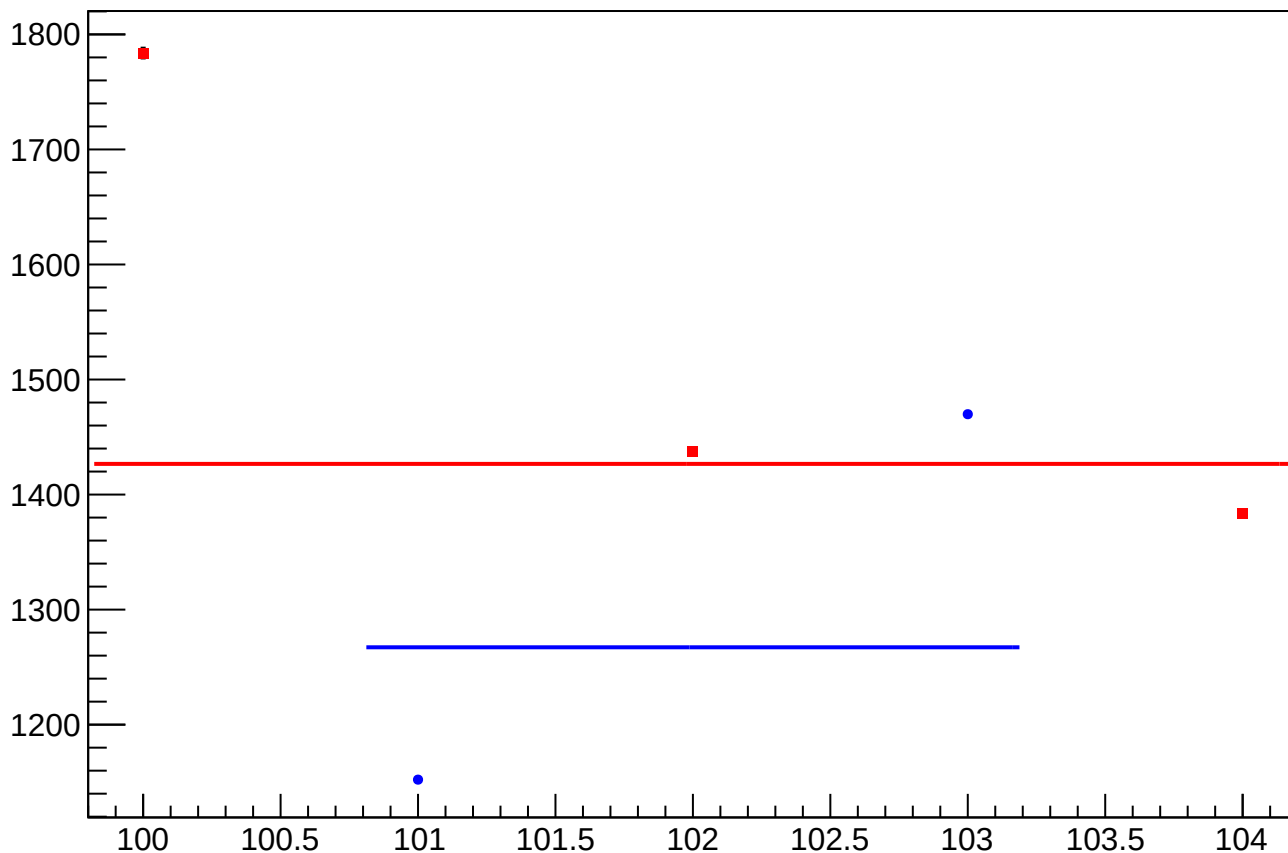
Right: 503.661+/-851.714 χ^2/NDF : 5.1/4

In: 837.454+/-1137.033 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.661+/-851.714 χ^2/NDF : 5.1/4

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: 1426.667+/-0.909 χ^2/NDF : 6868.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

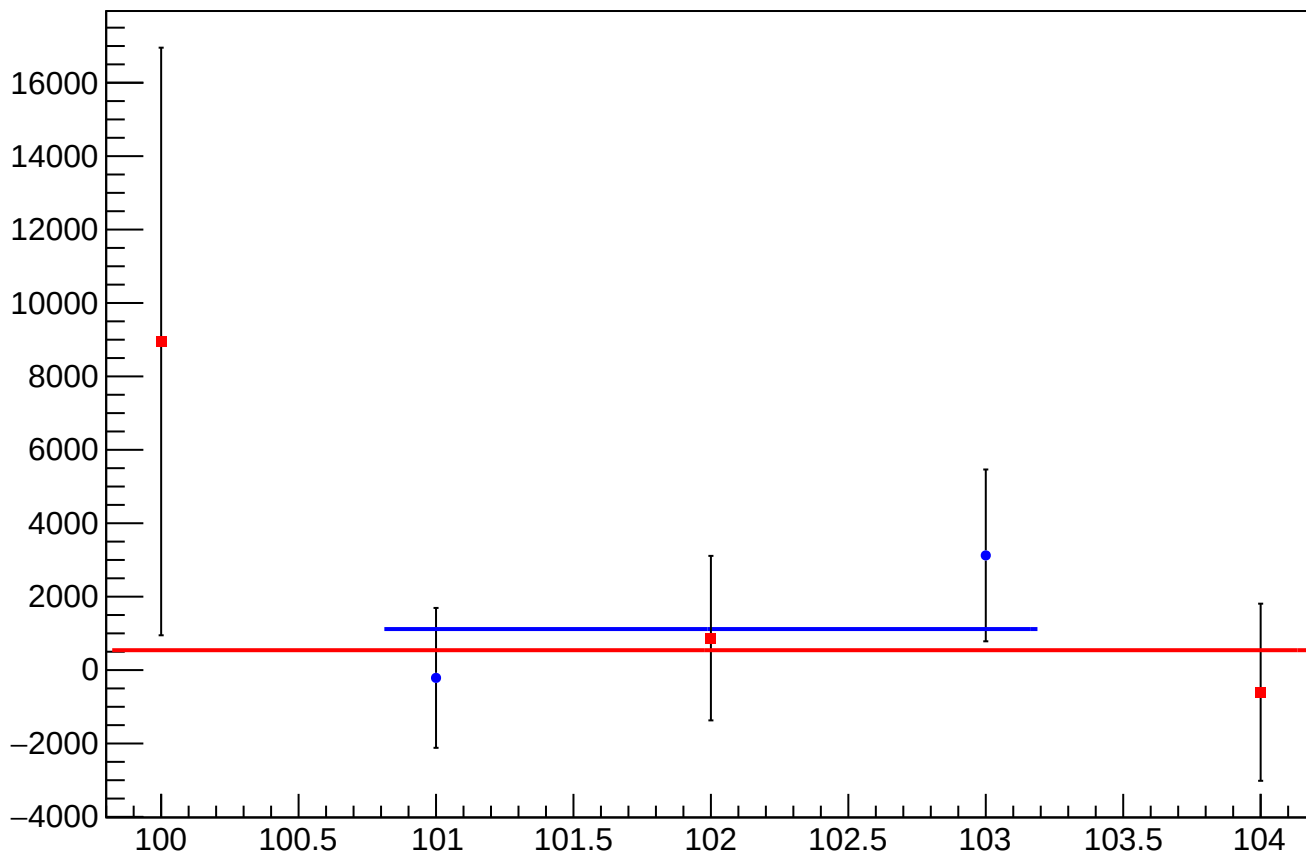
Right: 1337.214+/-0.602 χ^2/NDF : 60185.3/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.214+/-0.602 χ^2/NDF : 60185.3/4

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: 541.589+/-1608.269 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

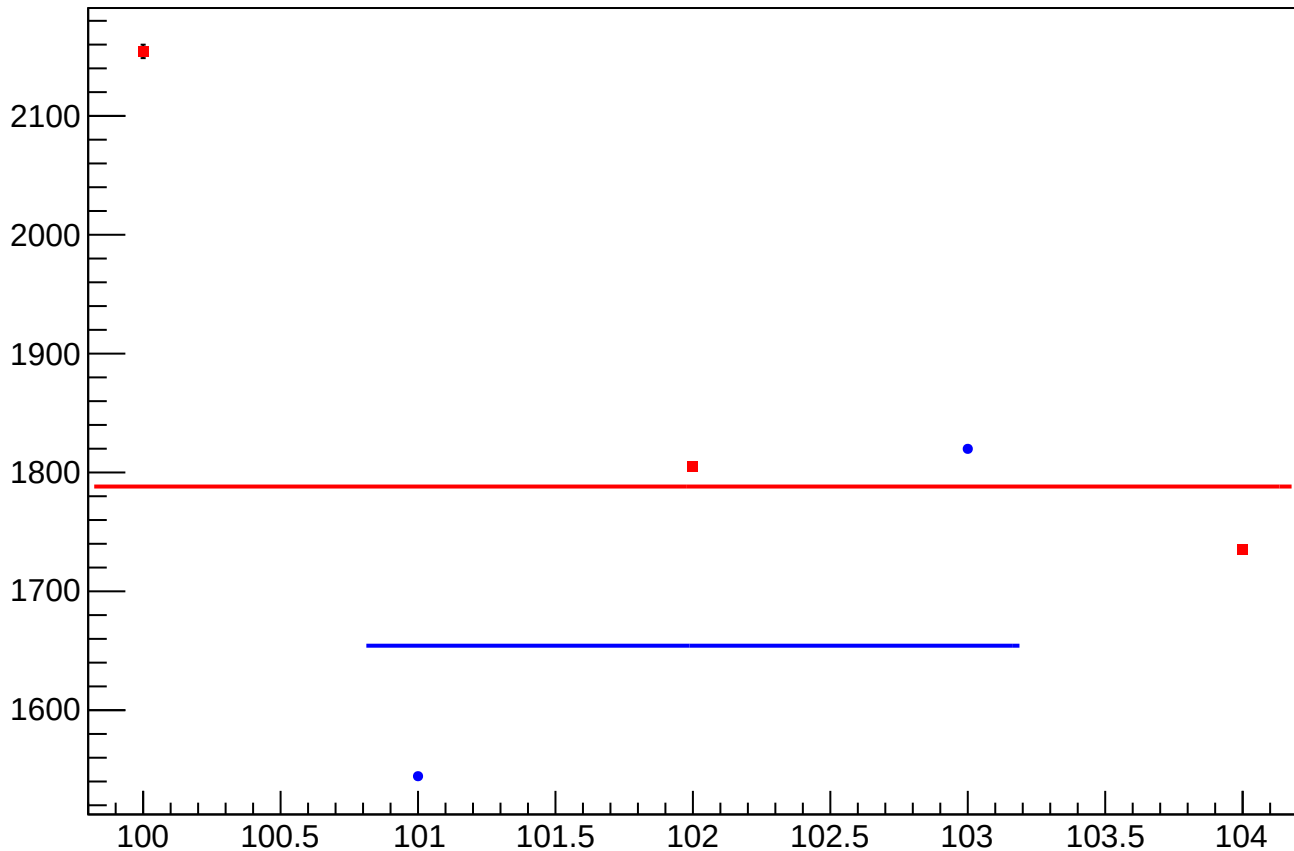
Right: 853.916+/-1088.068 χ^2/NDF : 2.6/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.916+/-1088.068 χ^2/NDF : 2.6/4

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: 1788.171+/-1.137 χ^2/NDF : 5260.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

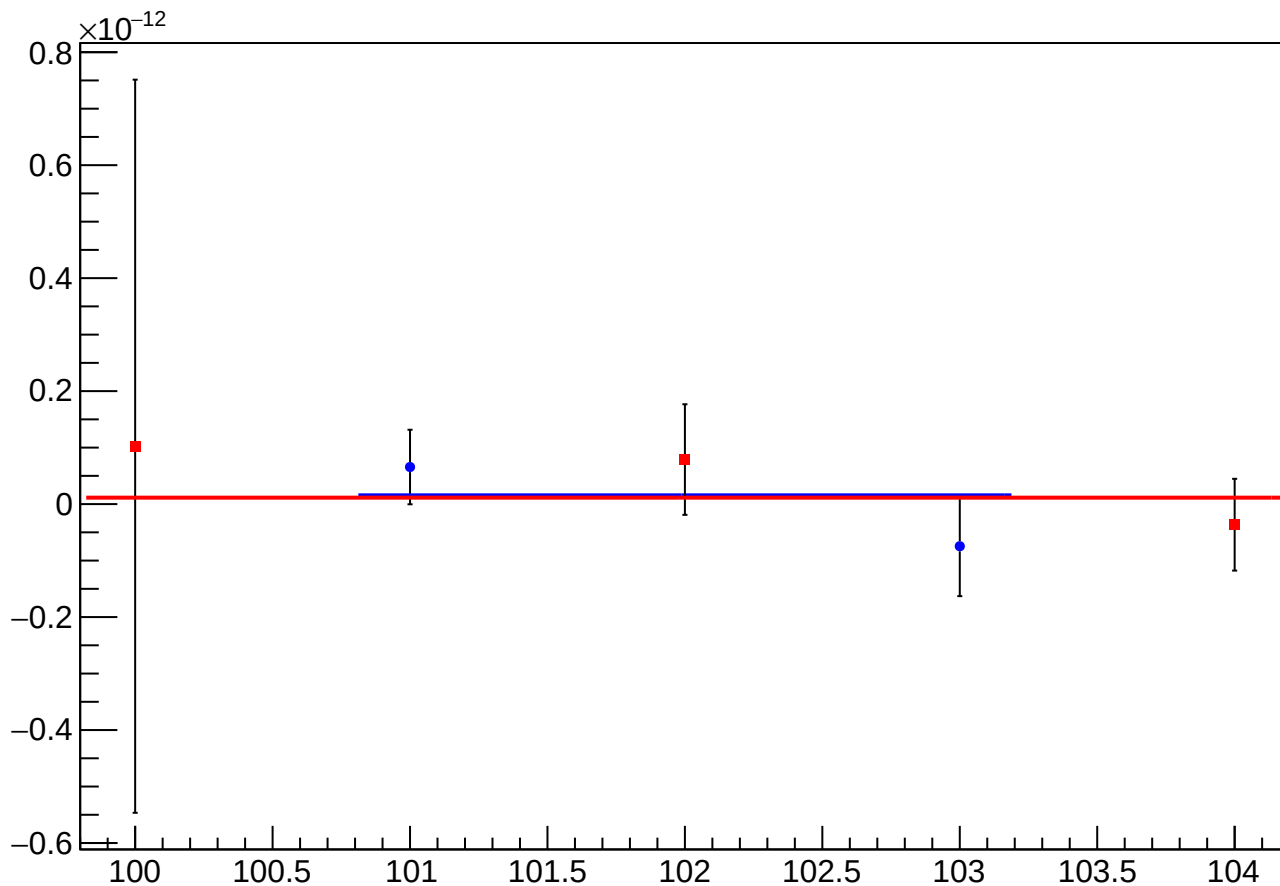
Right: 1715.549+/-0.769 χ^2/NDF : 29439.9/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.549+/-0.769 χ^2/NDF : 29439.9/4

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 : 0.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

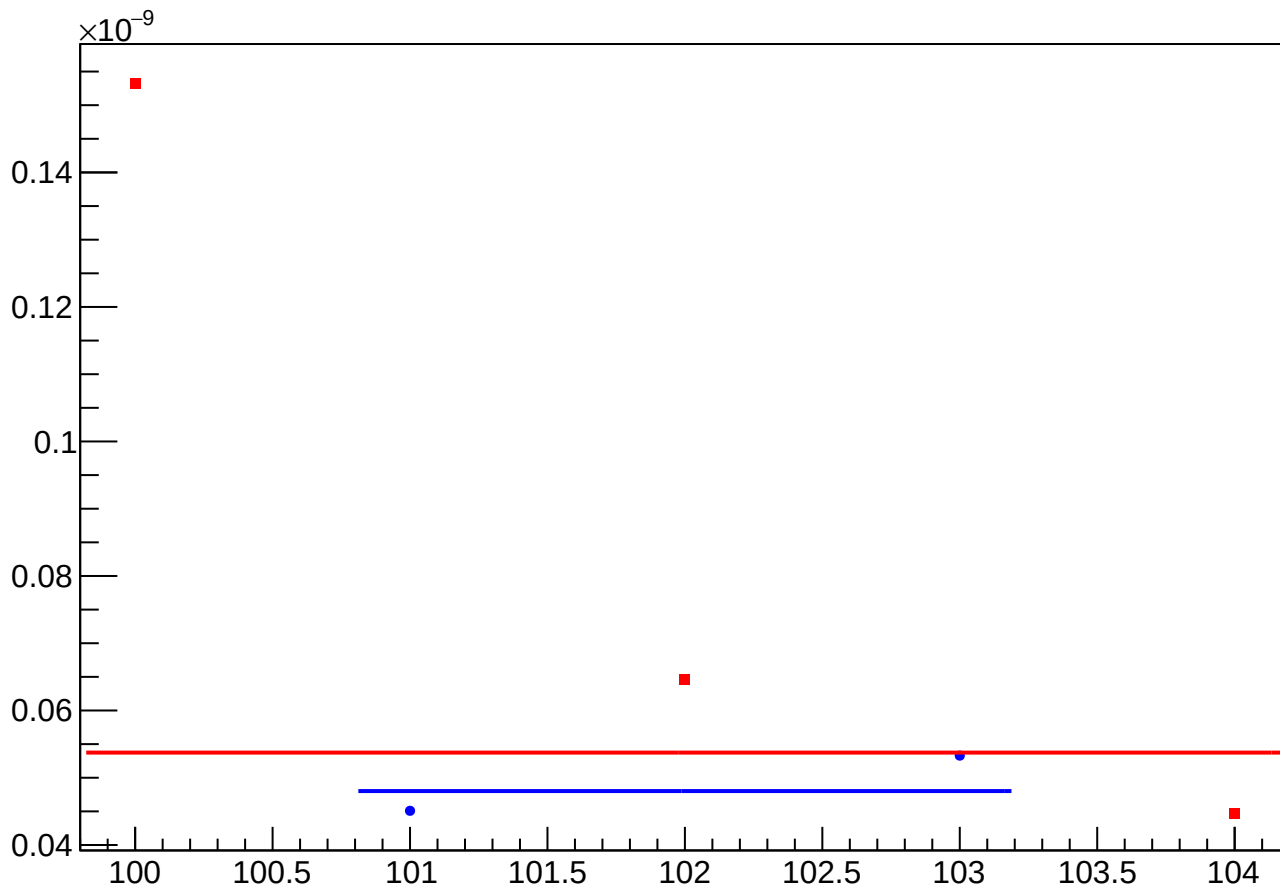
Right: 0.000+/-0.000 χ^2/NDF : 2.5/4

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 : 2.5/4

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 : 96397.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

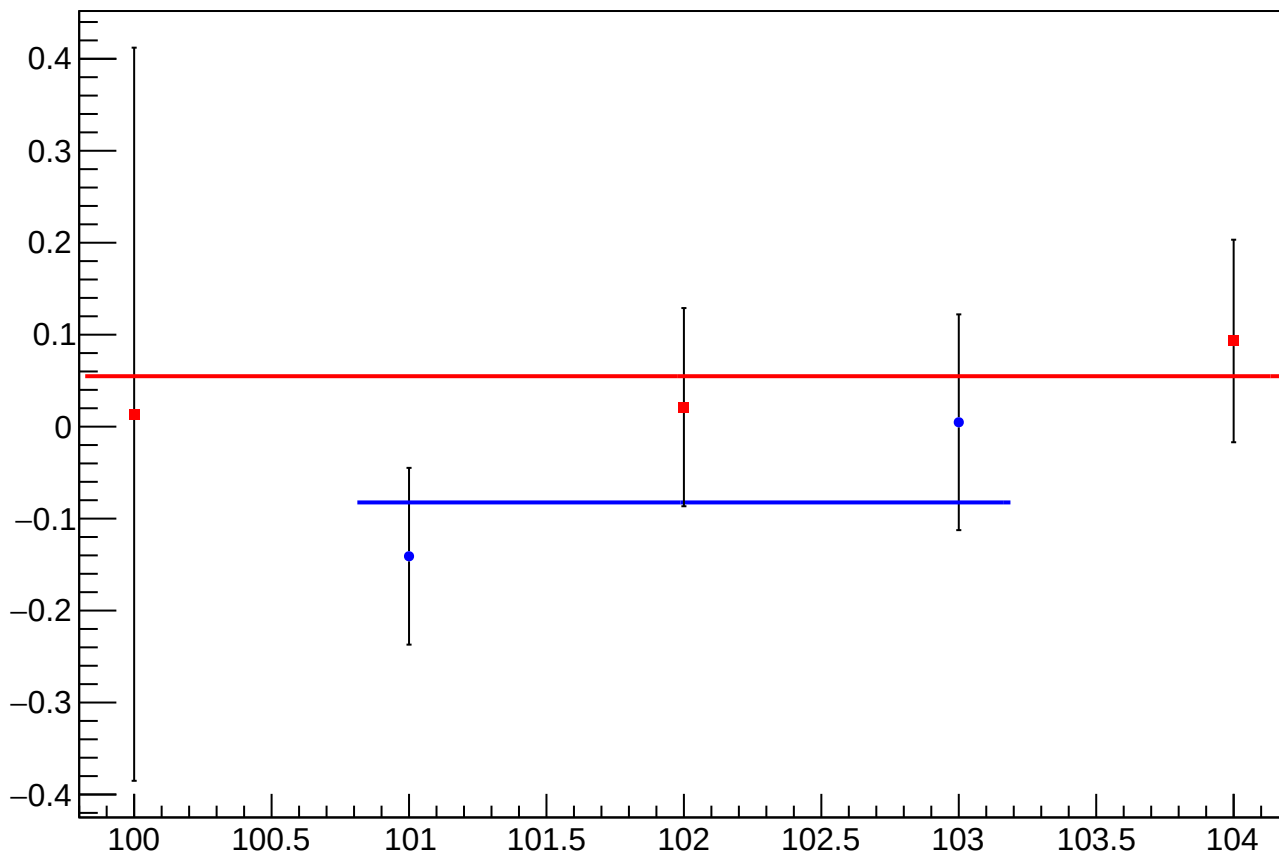
Right: 0.000+/-0.000 χ^2/NDF : 117275.2/4

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 : 117275.2/4

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: 0.055 ± 0.076 χ^2/NDF : 0.2/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

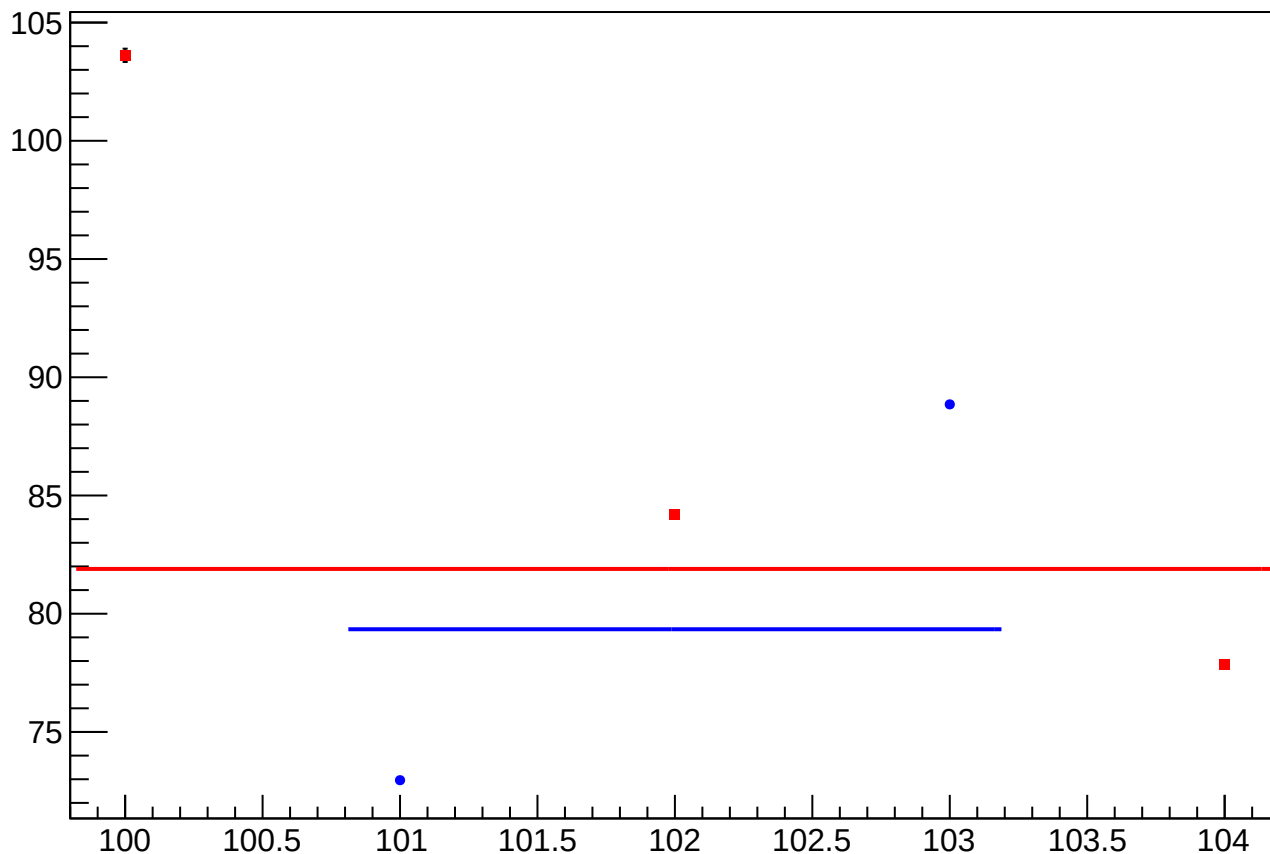
Right: -0.015 ± 0.053 χ^2/NDF : 2.8/4

In: -0.082 ± 0.074 χ^2/NDF : 0.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.053 χ^2/NDF : 2.8/4

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: 81.895+/-0.053 χ^2/NDF : 9539.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

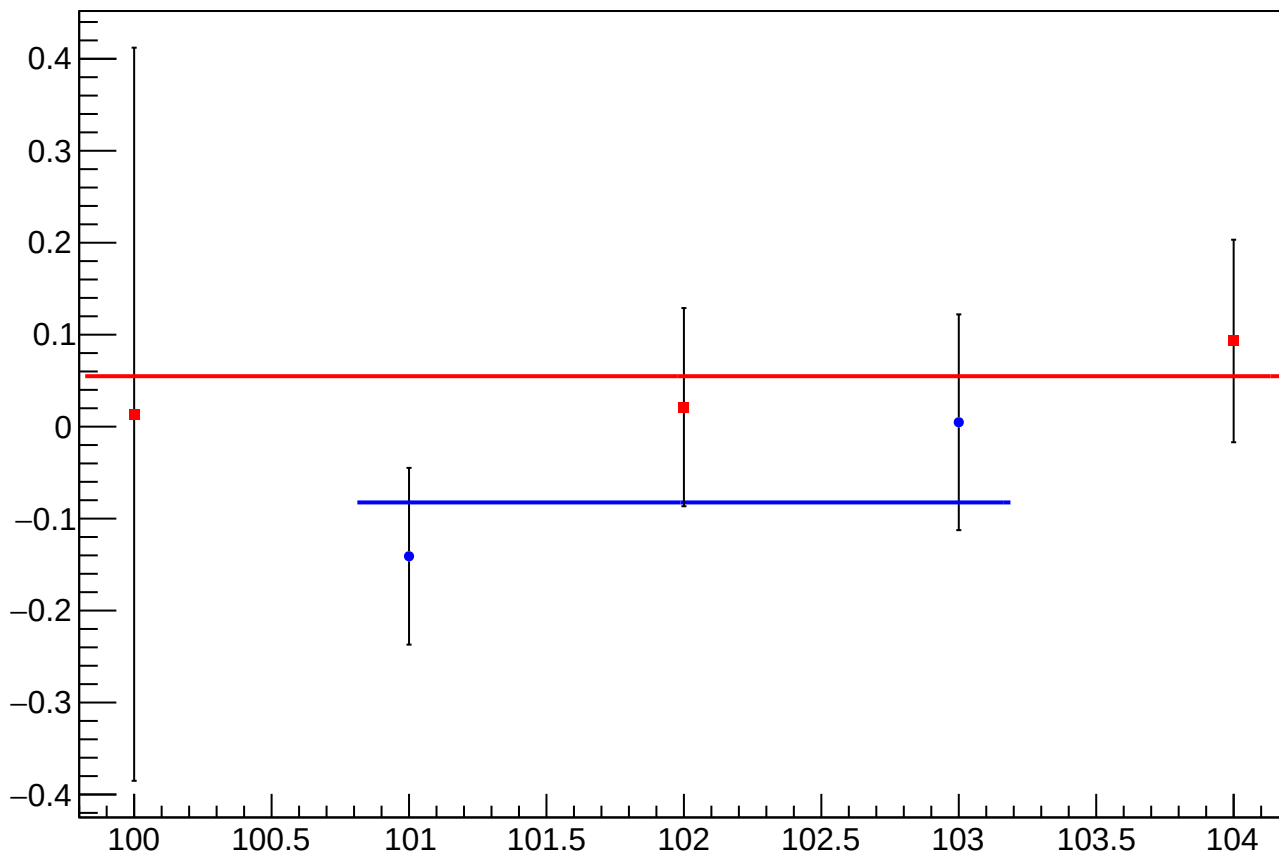
Right: 80.597+/-0.037 χ^2/NDF : 32664.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.597+/-0.037 χ^2/NDF : 32664.5/4

asym_usr_dit_vs_eigen_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: 0.055+/-0.076 χ^2/NDF : 0.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

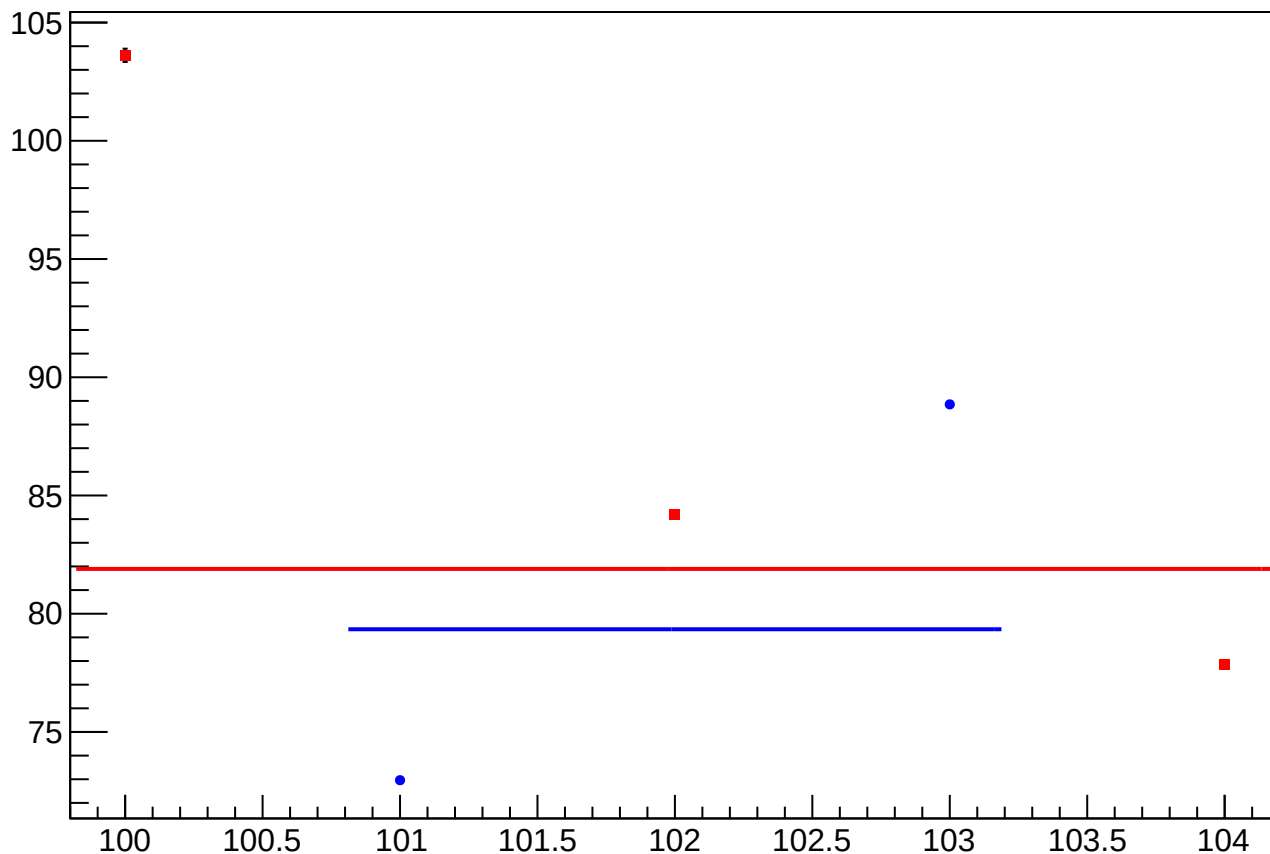
Right: -0.015+/-0.053 χ^2/NDF : 2.8/4

In: -0.082+/-0.074 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.053 χ^2/NDF : 2.8/4

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: 81.895+/-0.053 χ^2/NDF : 9539.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

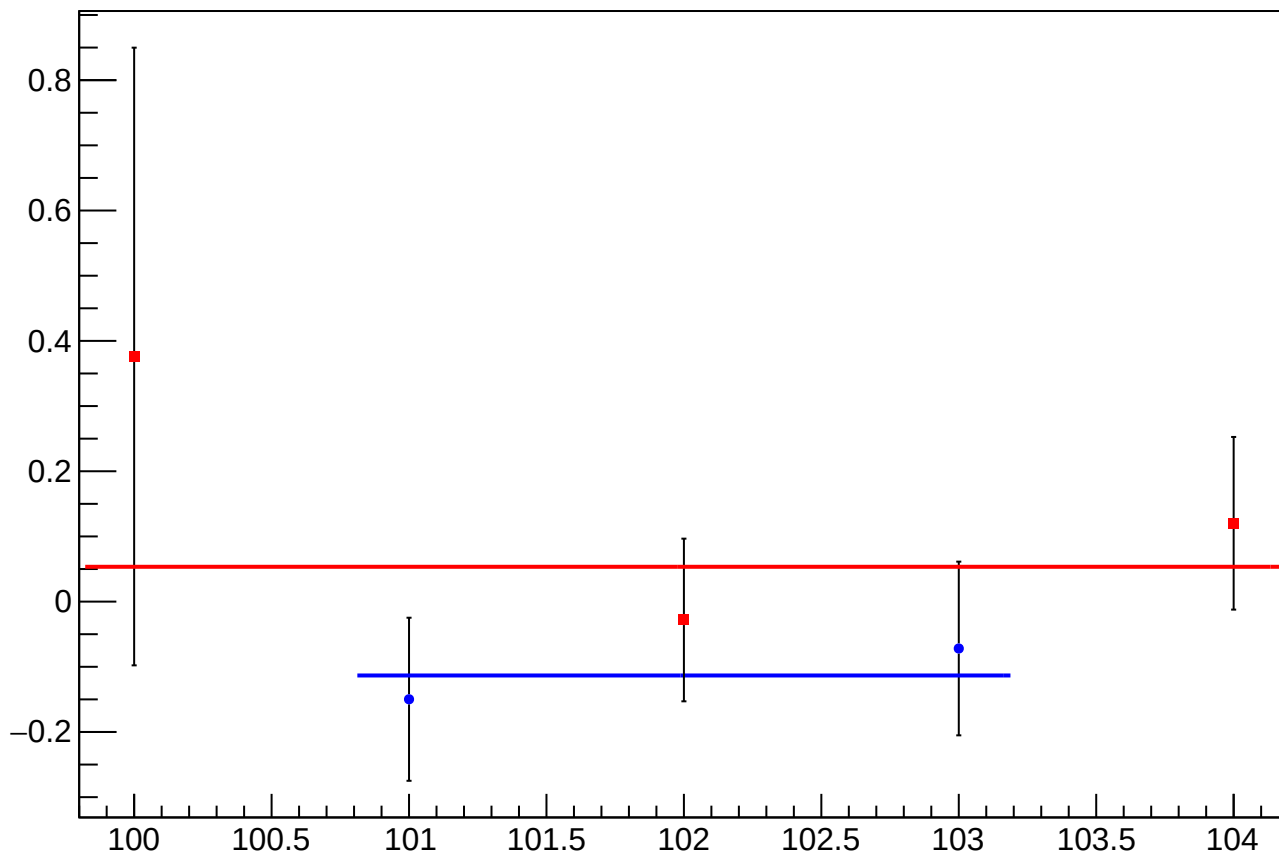
Right: 80.597+/-0.037 χ^2/NDF : 32664.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.597+/-0.037 χ^2/NDF : 32664.5/4

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: 0.053+/-0.089 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

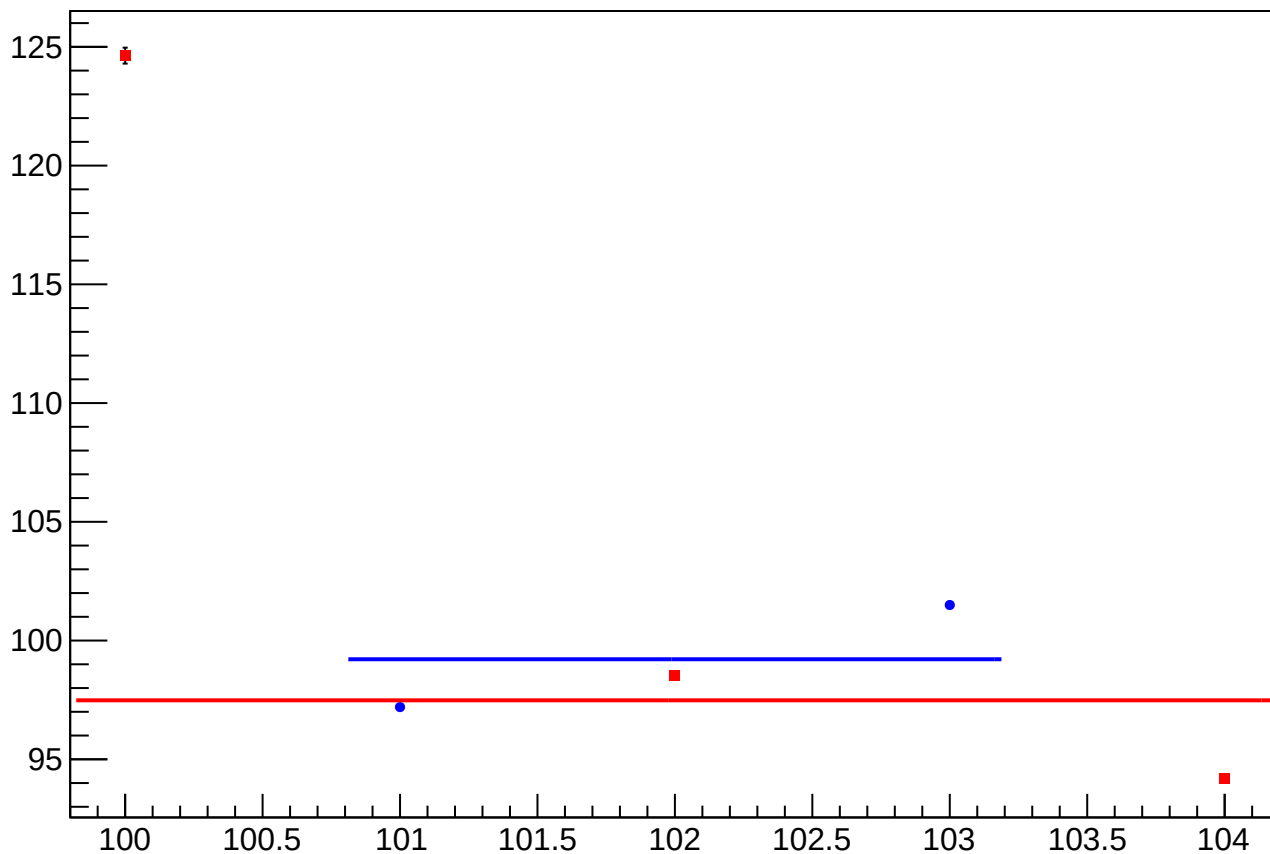
Right: -0.028+/-0.064 χ^2/NDF : 3.0/4

In: -0.113+/-0.091 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028+/-0.064 χ^2/NDF : 3.0/4

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: 97.483 $\pm$ 0.063 χ^2 /NDF: 7942.9/2

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

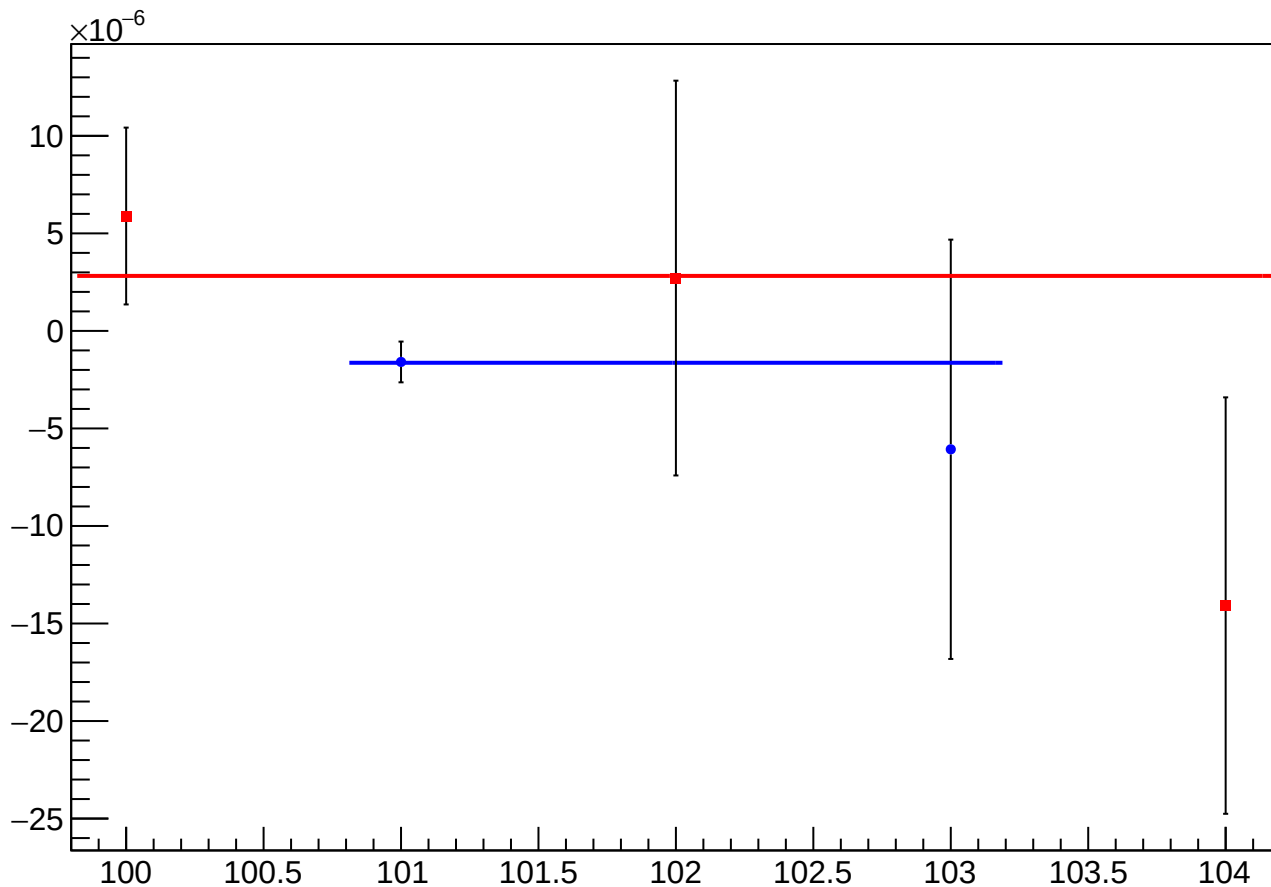
Right: 98.329 $\pm$ 0.045 χ^2 /NDF: 9416.6/4

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: 98.329 $\pm$ 0.045 χ^2 /NDF: 9416.6/4

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 : 3.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

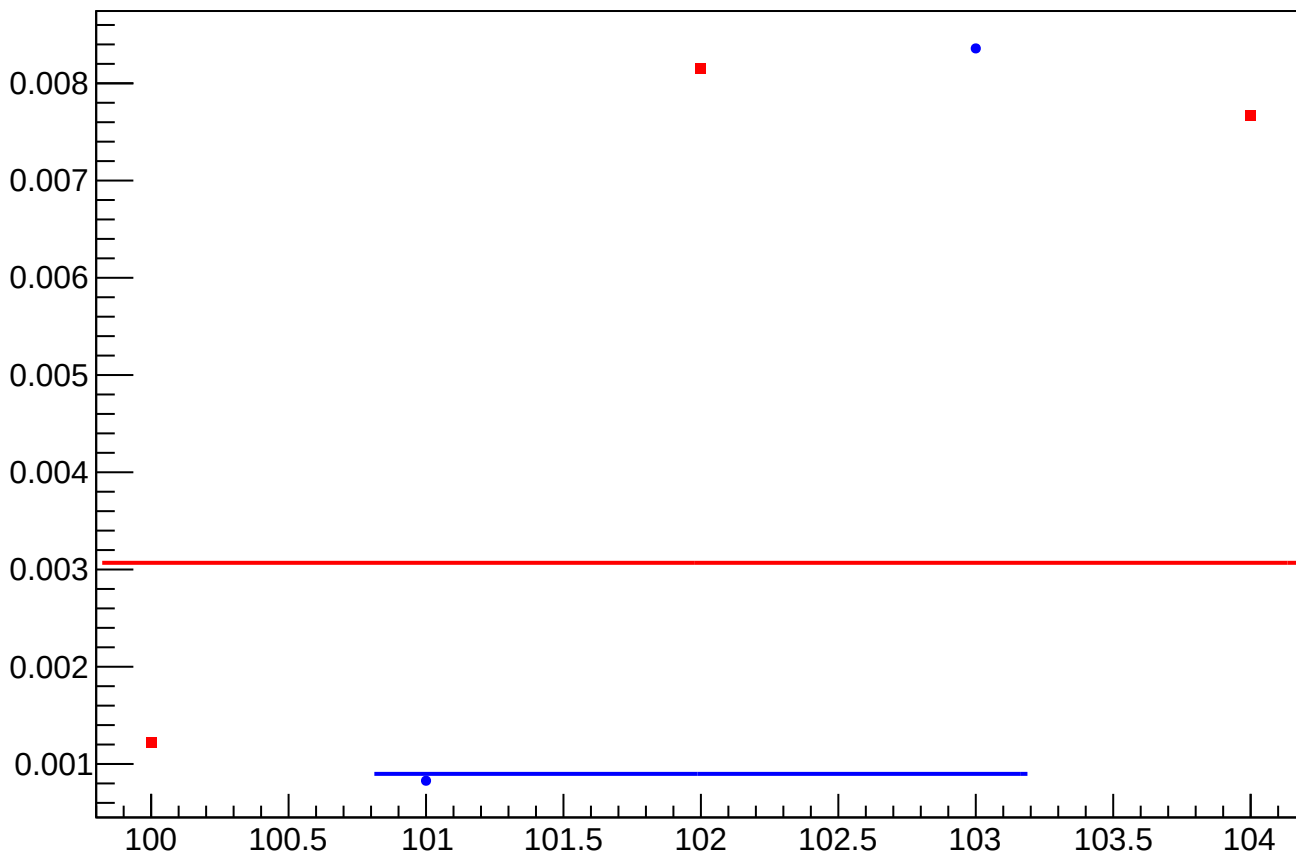
Right: -0.000+/-0.000 χ^2/NDF : 4.4/4

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 : 4.4/4

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 : 1208132.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

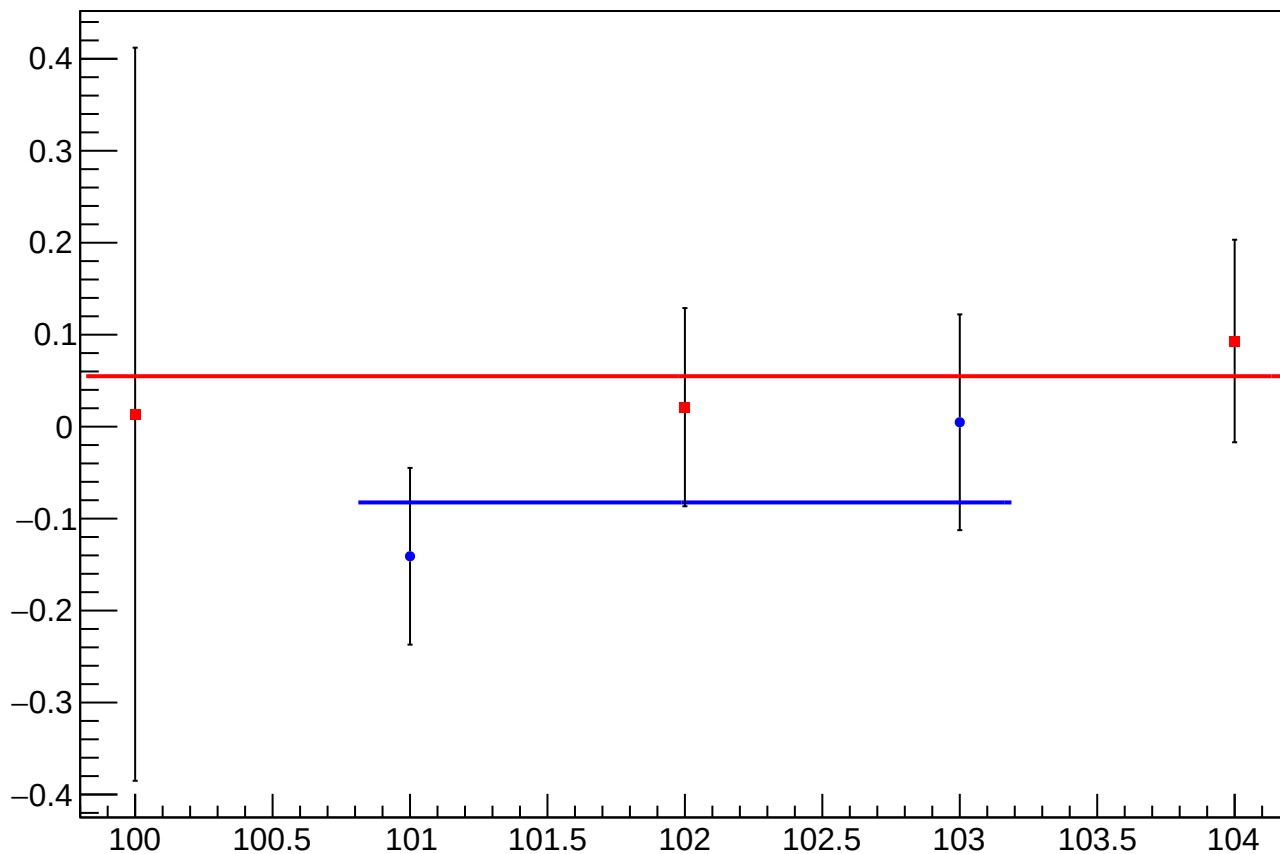
Right: 0.001+/-0.000 χ^2/NDF : 2771194.7/4

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 : 2771194.7/4

asym_usr_eigen_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: 0.055 ± 0.076 χ^2/NDF : 0.2/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

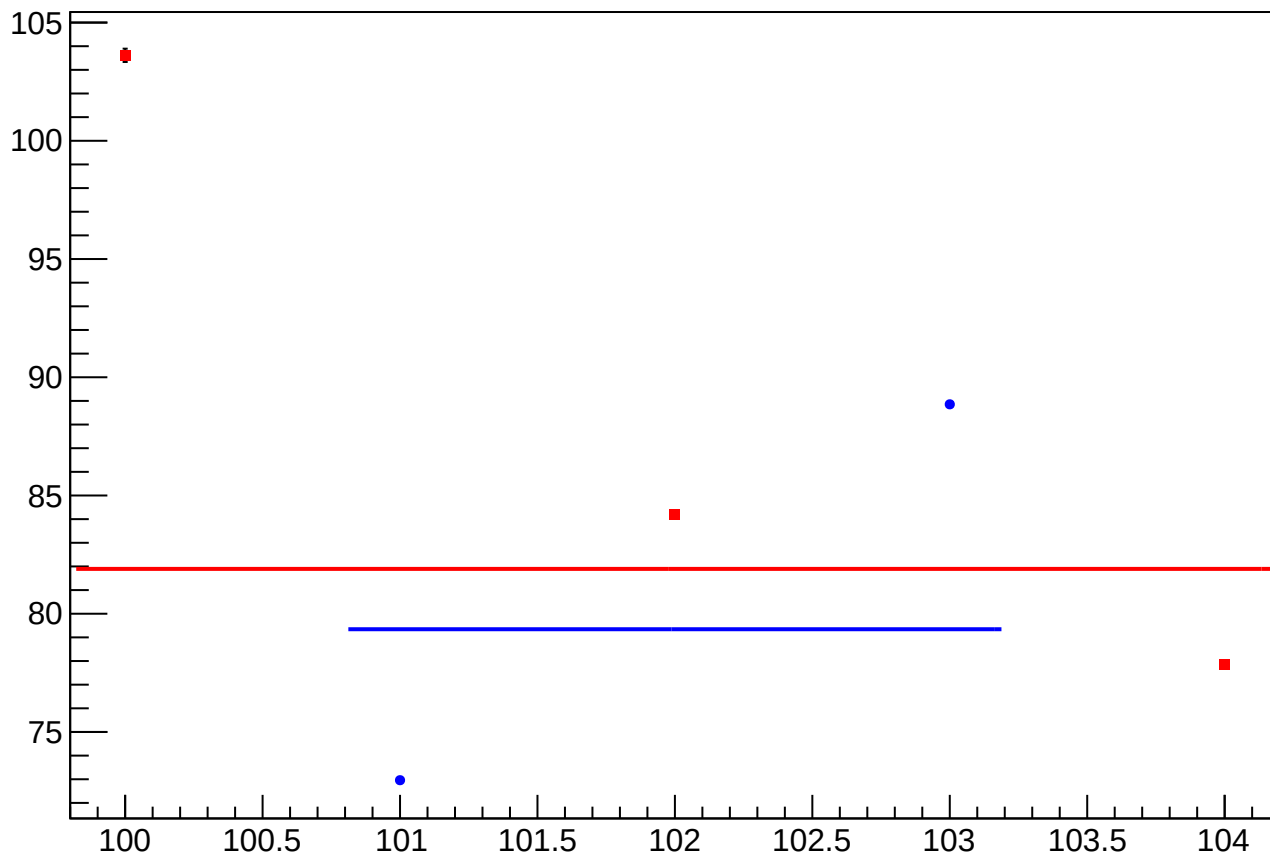
Right: -0.015 ± 0.053 χ^2/NDF : 2.8/4

In: -0.082 ± 0.074 χ^2/NDF : 0.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.053 χ^2/NDF : 2.8/4

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: 81.896+/-0.053 χ^2/NDF : 9542.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

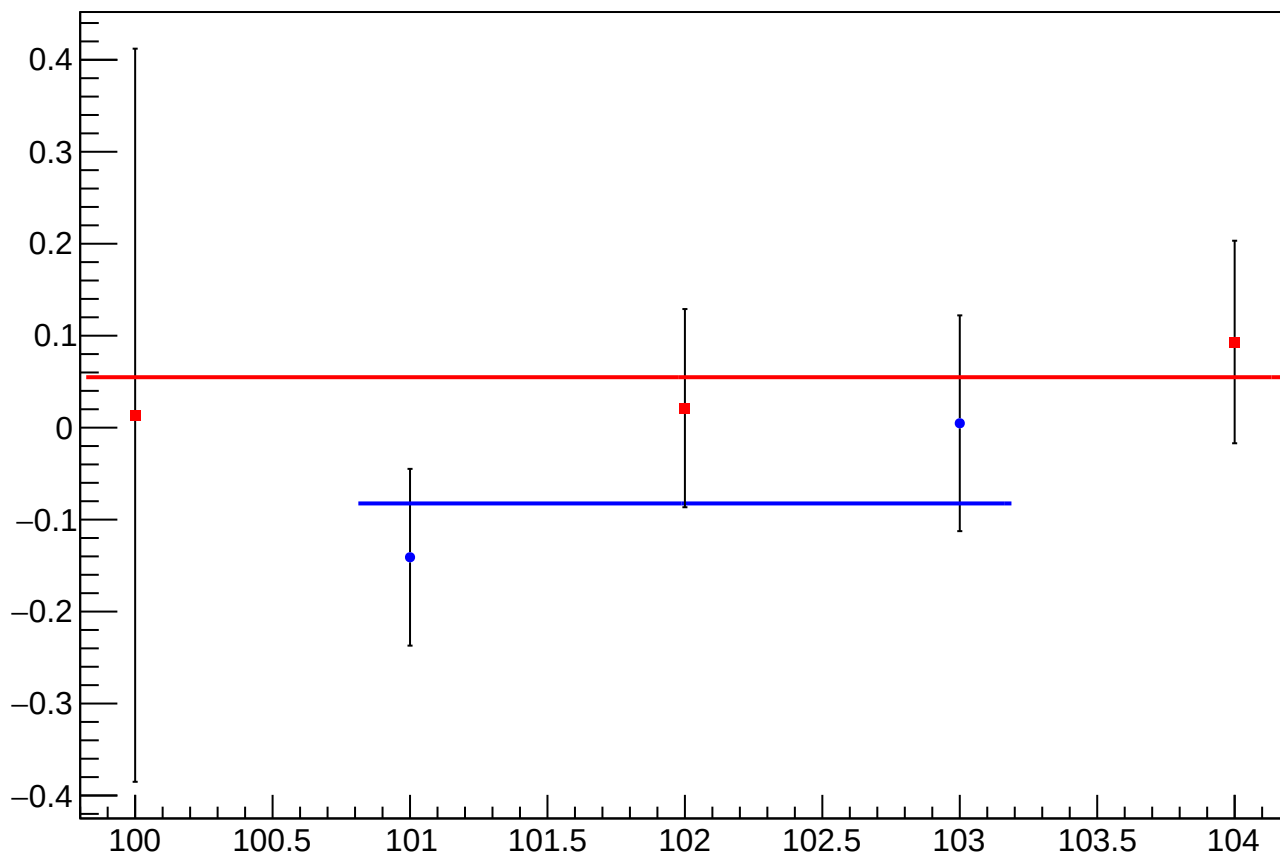
Right: 80.598+/-0.037 χ^2/NDF : 32673.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.598+/-0.037 χ^2/NDF : 32673.2/4

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: 0.055 $\pm$ 0.076 χ^2 /NDF: 0.2/2

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

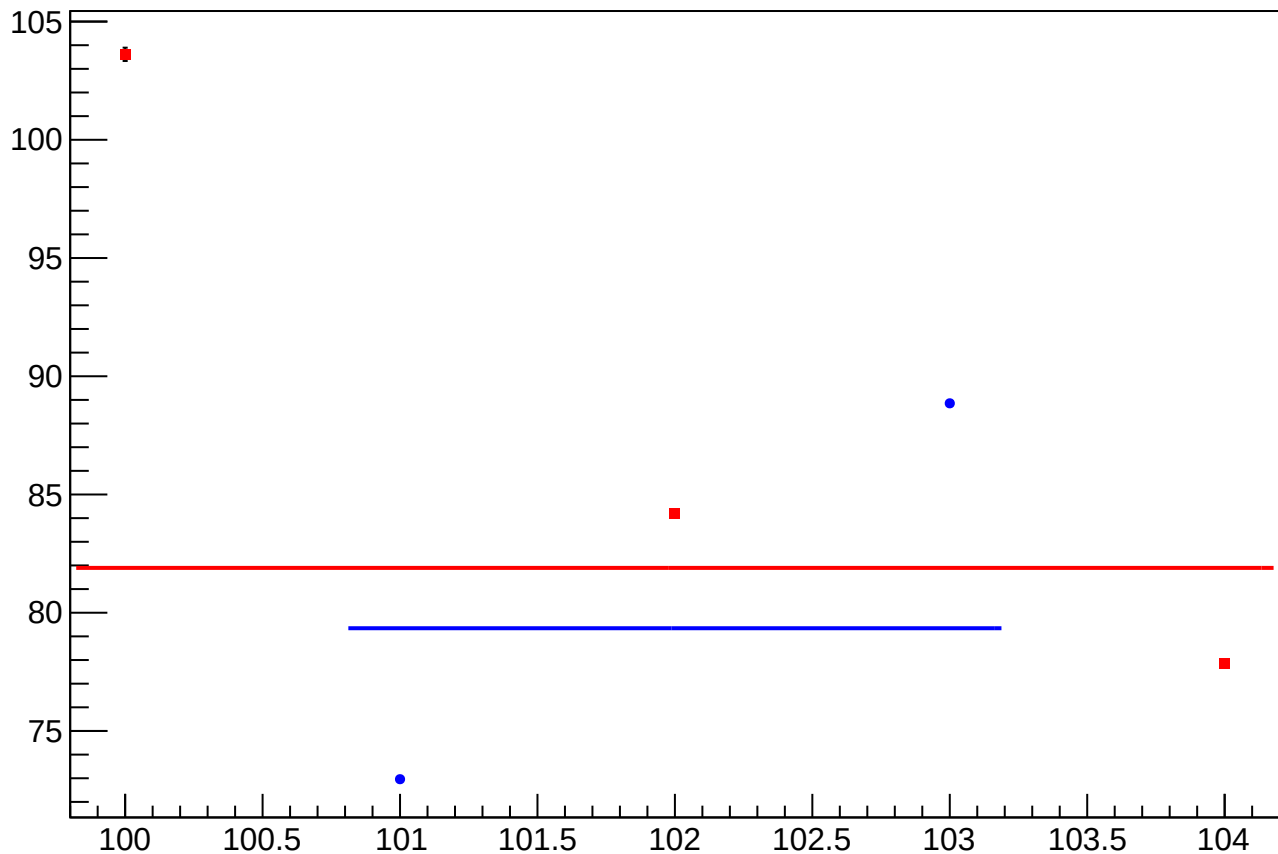
Right: -0.015 $\pm$ 0.053 χ^2 /NDF: 2.8/4

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: -0.015 $\pm$ 0.053 χ^2 /NDF: 2.8/4

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: 81.896+/-0.053 χ^2/NDF : 9542.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

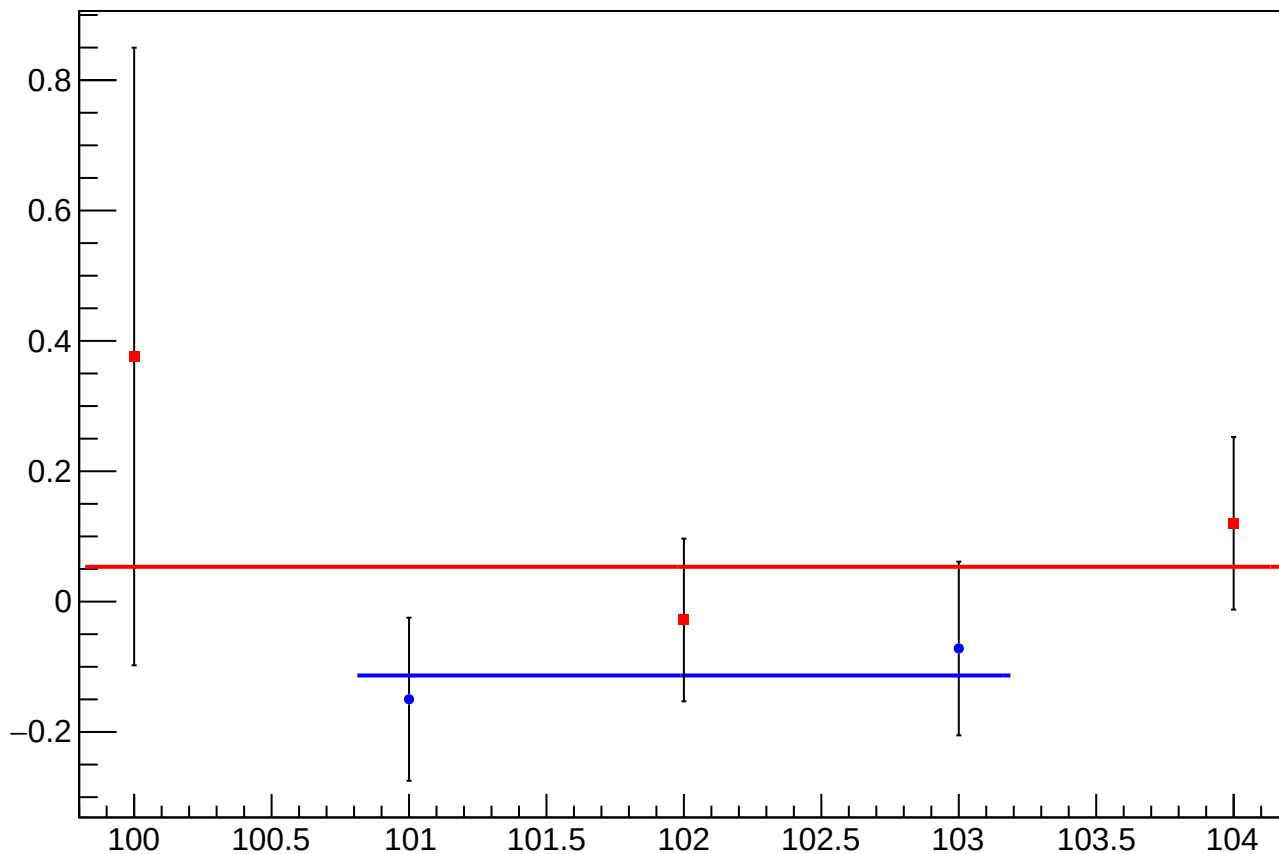
Right: 80.598+/-0.037 χ^2/NDF : 32673.2/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.598+/-0.037 χ^2/NDF : 32673.2/4

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: 0.053 $\pm$ 0.089 χ^2 /NDF: 1.1/2

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

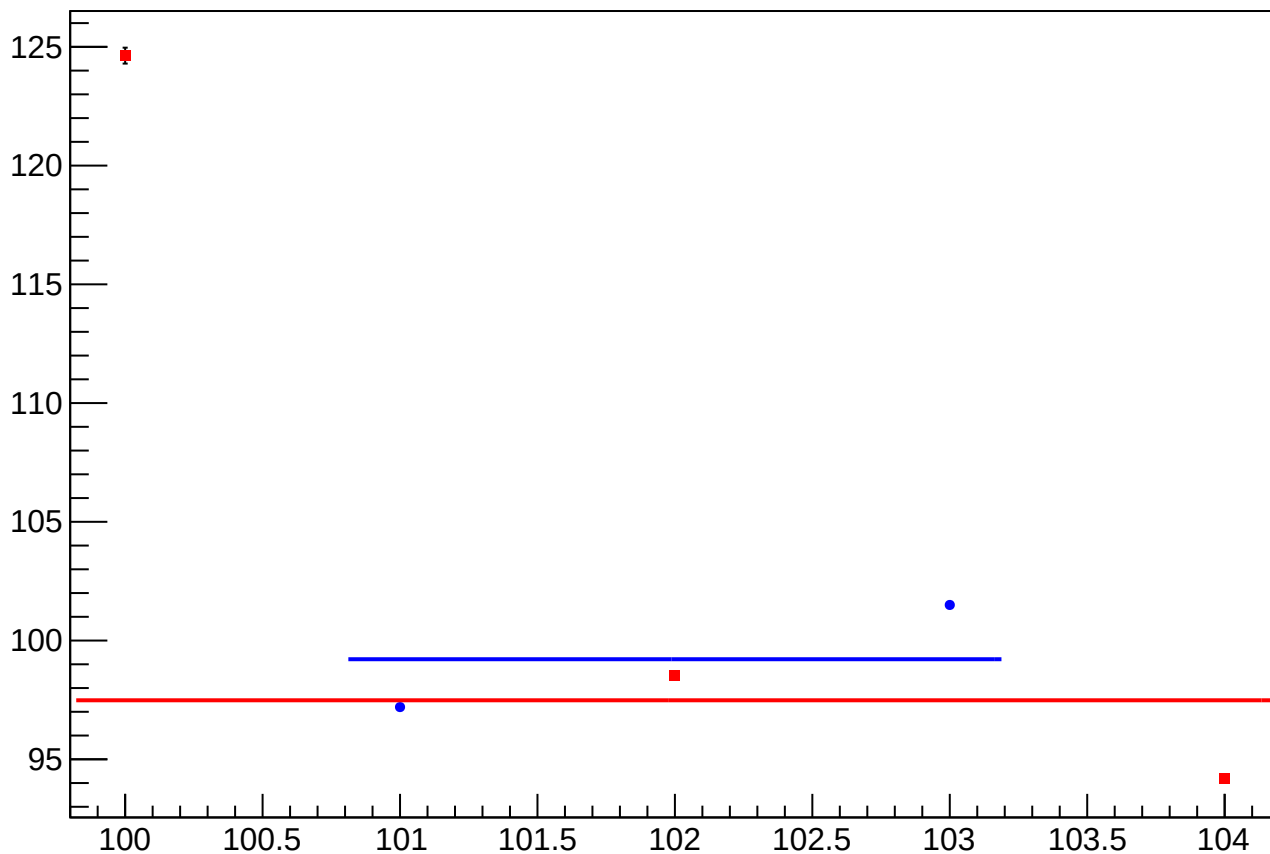
Right: -0.028 $\pm$ 0.064 χ^2 /NDF: 3.0/4

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: -0.028 $\pm$ 0.064 χ^2 /NDF: 3.0/4

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 99.213 ± 0.064 $\chi^2/\text{NDF}: 1107.2/1$

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

Right Out: 97.484 ± 0.063 $\chi^2/\text{NDF}: 7943.7/2$

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

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

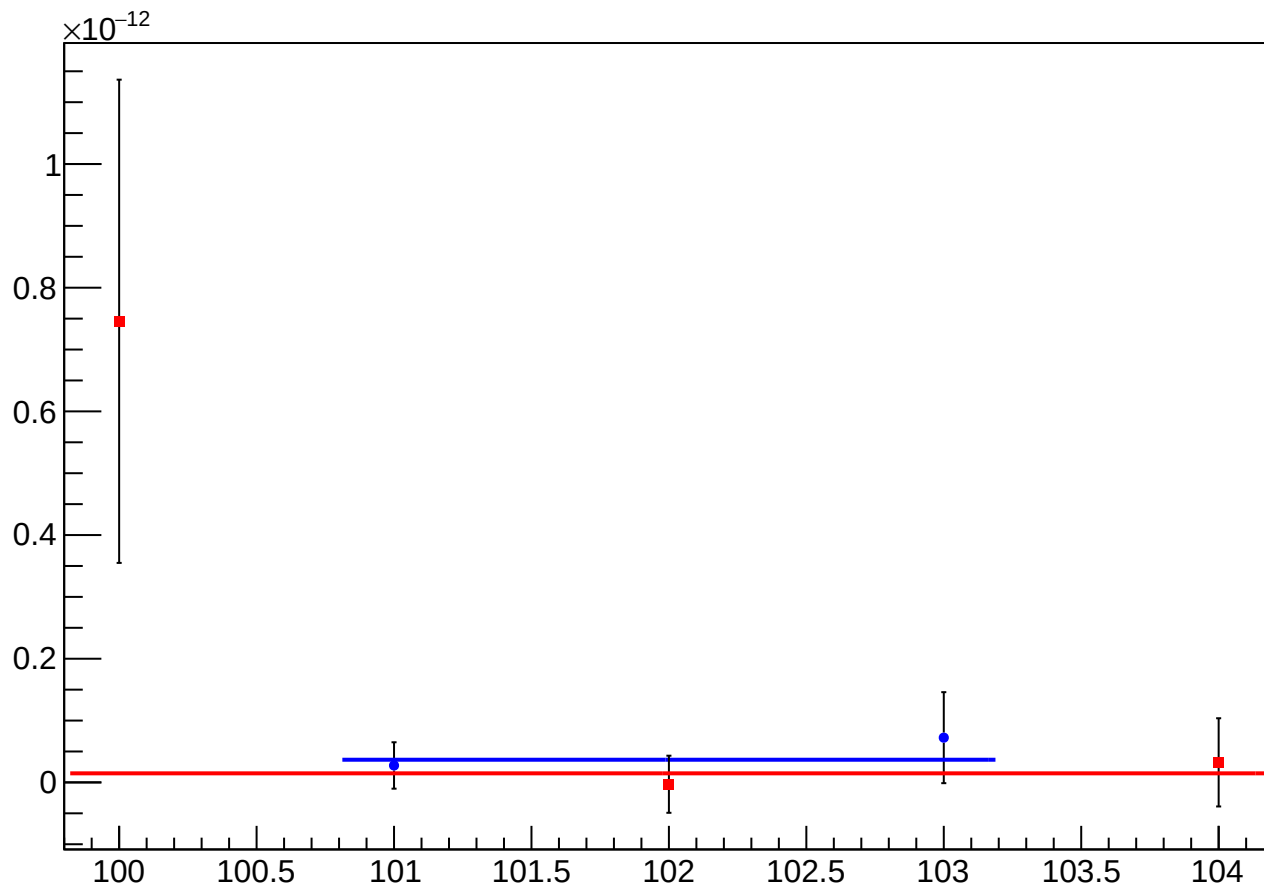
Right: 98.330 ± 0.045 $\chi^2/\text{NDF}: 9418.3/4$

In: 99.213 ± 0.064 $\chi^2/\text{NDF}: 1107.2/1$

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

All: 98.330 ± 0.045 $\chi^2/\text{NDF}: 9418.3/4$

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 : 3.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

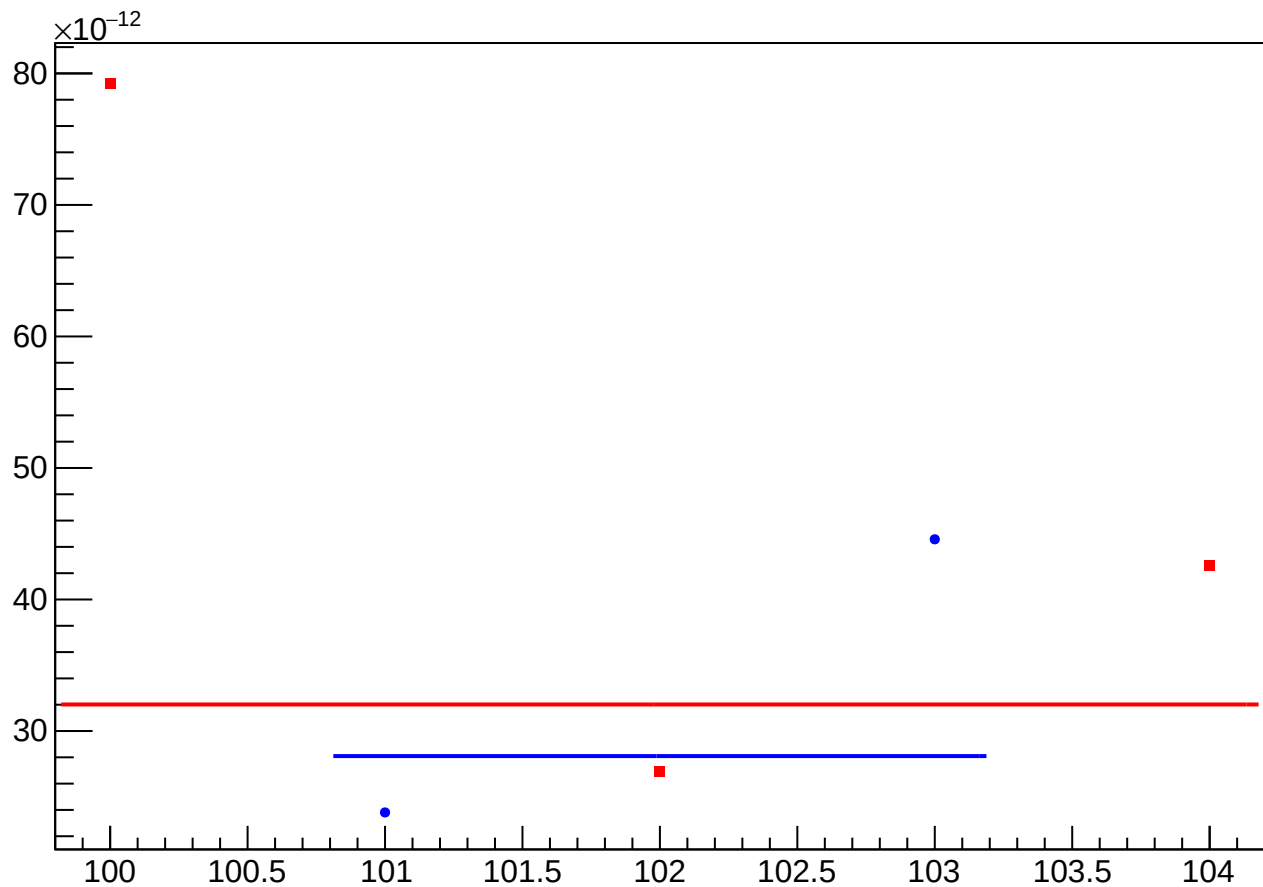
Right: 0.000+/-0.000 χ^2/NDF : 4.2/4

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 : 4.2/4

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 : 97252.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

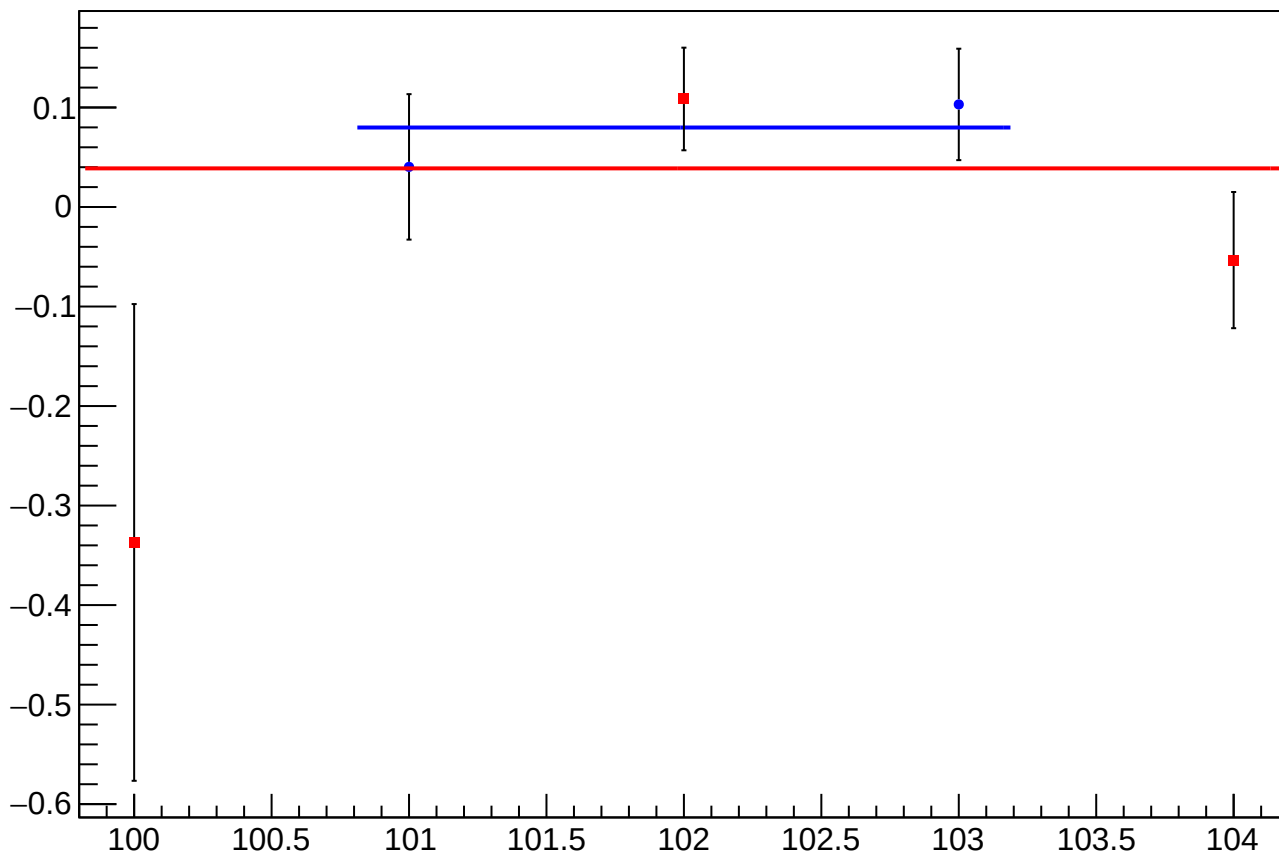
Right: 0.000+/-0.000 χ^2/NDF : 235505.4/4

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 : 235505.4/4

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.080 $\pm$ 0.044 χ^2 /NDF: 0.5/1

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

Right Out: 0.039 $\pm$ 0.041 χ^2 /NDF: 6.1/2

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

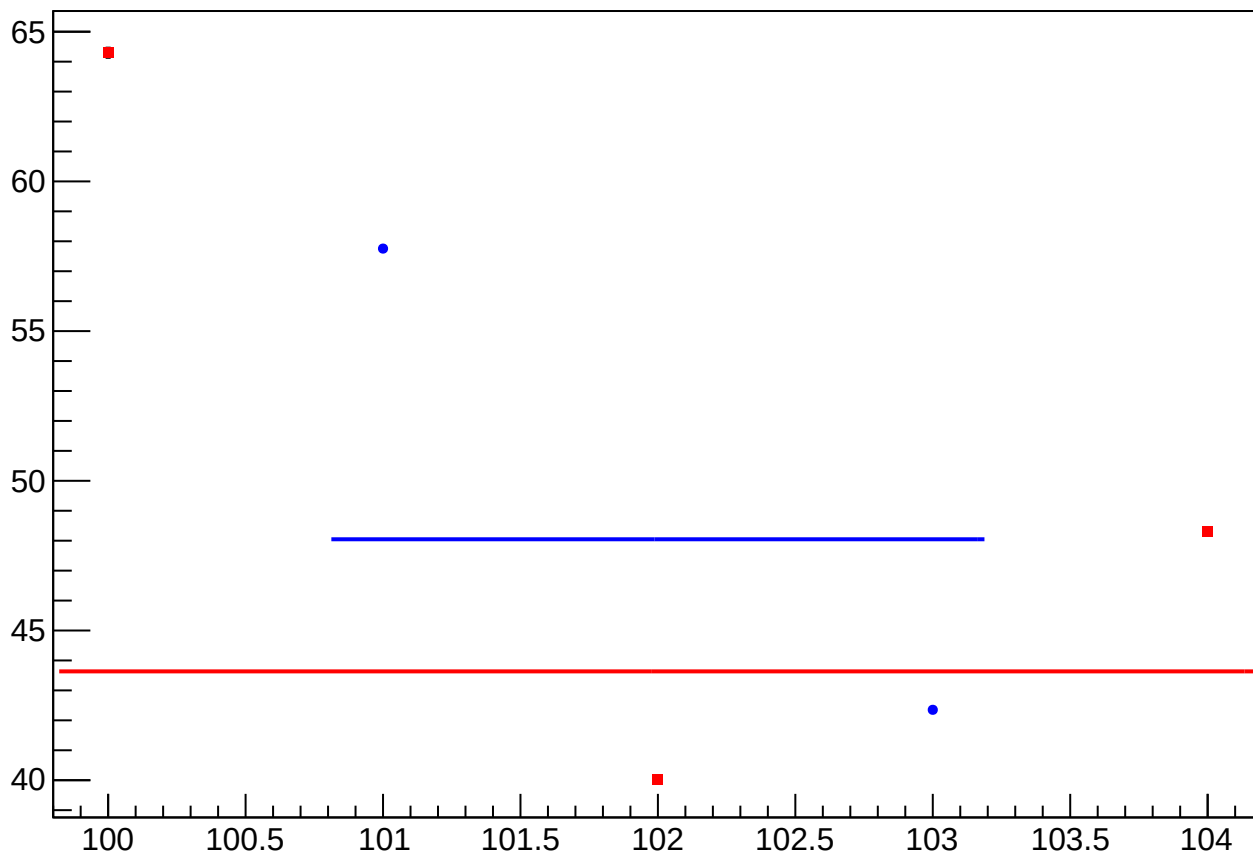
Right: 0.057 $\pm$ 0.030 χ^2 /NDF: 7.0/4

In: 0.080 $\pm$ 0.044 χ^2 /NDF: 0.5/1

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

All: 0.057 $\pm$ 0.030 χ^2 /NDF: 7.0/4

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.047 ± 0.031 $\chi^2/\text{NDF}: 56000.5/1$

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

Right Out: 43.635 ± 0.029 $\chi^2/\text{NDF}: 34115.1/2$

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

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

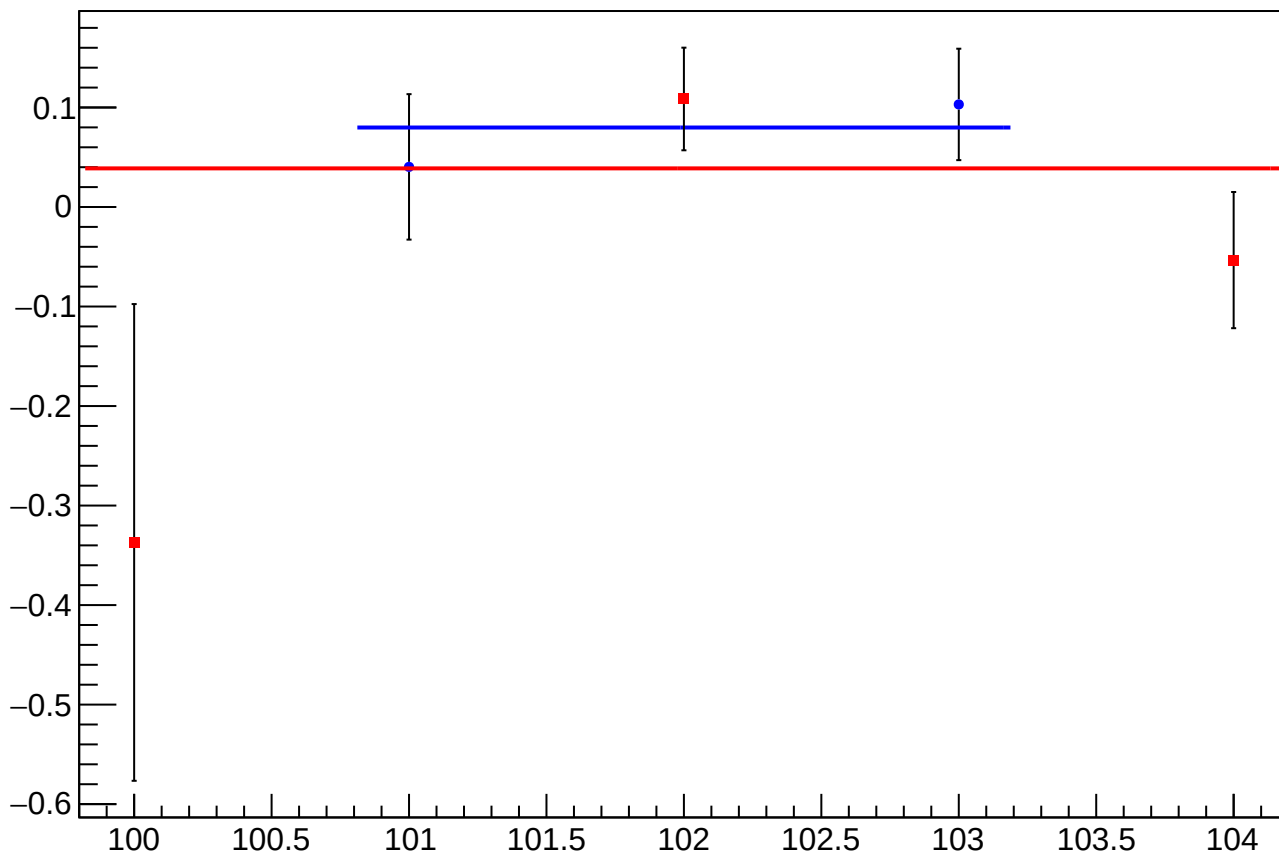
Right: 45.641 ± 0.021 $\chi^2/\text{NDF}: 100865.7/4$

In: 48.047 ± 0.031 $\chi^2/\text{NDF}: 56000.5/1$

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

All: 45.641 ± 0.021 $\chi^2/\text{NDF}: 100865.7/4$

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: 0.039+/-0.041 χ^2/NDF : 6.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

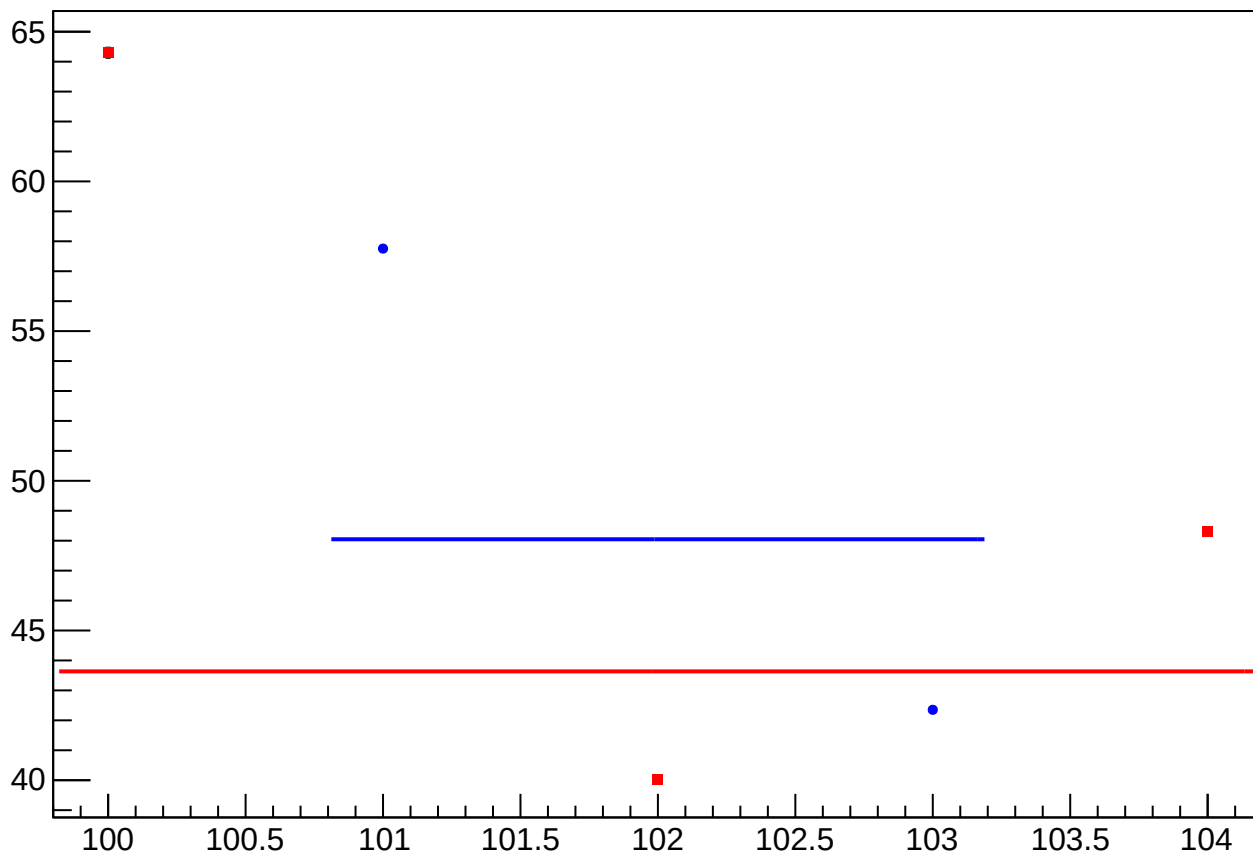
Right: 0.057+/-0.030 χ^2/NDF : 7.0/4

In: 0.080+/-0.044 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.030 χ^2/NDF : 7.0/4

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.047 ± 0.031 $\chi^2/\text{NDF}: 56000.5/1$

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

Right Out: 43.635 ± 0.029 $\chi^2/\text{NDF}: 34115.1/2$

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

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

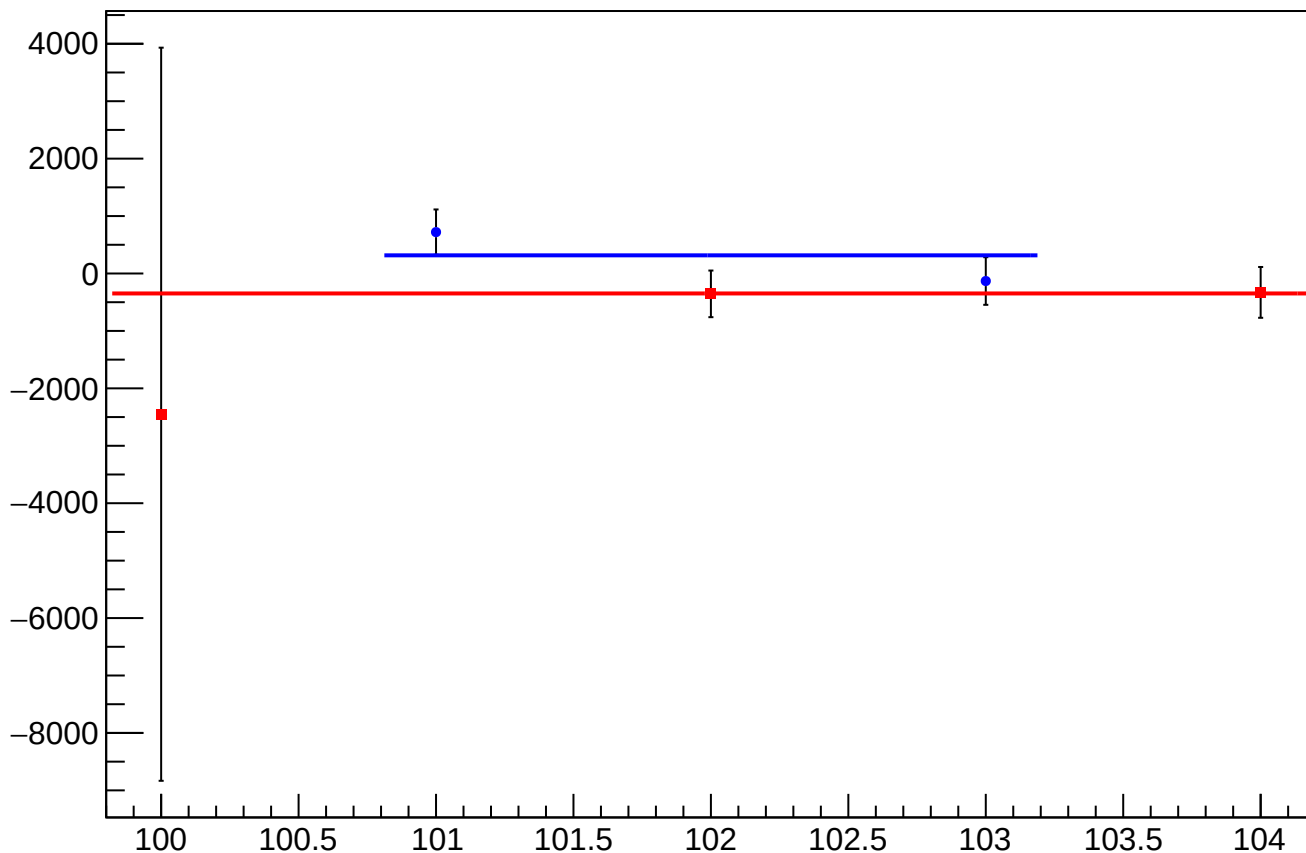
Right: 45.641 ± 0.021 $\chi^2/\text{NDF}: 100865.7/4$

In: 48.047 ± 0.031 $\chi^2/\text{NDF}: 56000.5/1$

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

All: 45.641 ± 0.021 $\chi^2/\text{NDF}: 100865.7/4$

asym_dsl_mean vs Slug, Sign Corrected



Right In: 316.088 $\pm$ 285.704 χ^2 /NDF: 2.2/1

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

Right Out: -347.566 $\pm$ 298.754 χ^2 /NDF: 0.1/2

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

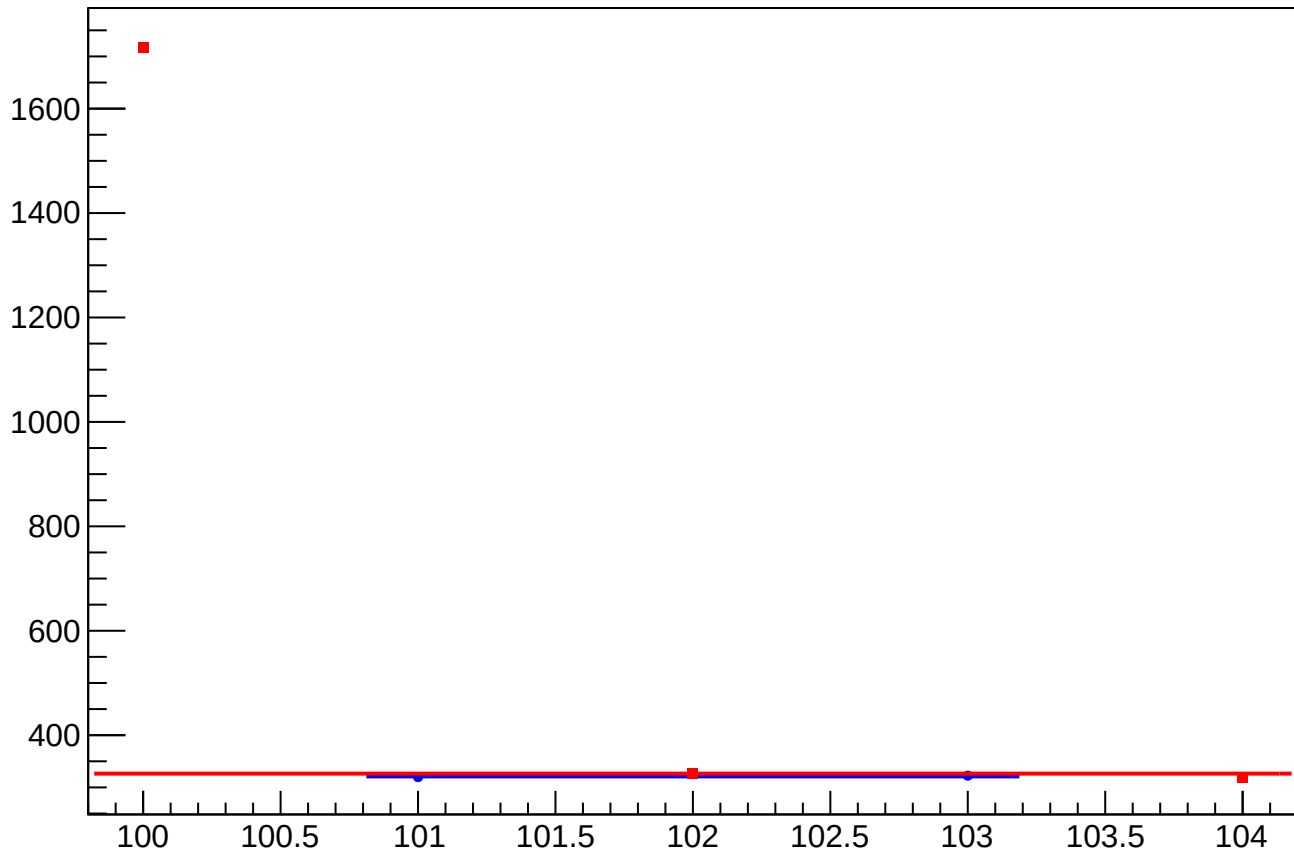
Right: -0.928 $\pm$ 206.483 χ^2 /NDF: 4.9/4

In: 316.088 $\pm$ 285.704 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.928 $\pm$ 206.483 χ^2 /NDF: 4.9/4

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: 326.394 $\pm$ 0.211 χ^2 /NDF: 95681.4/2

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

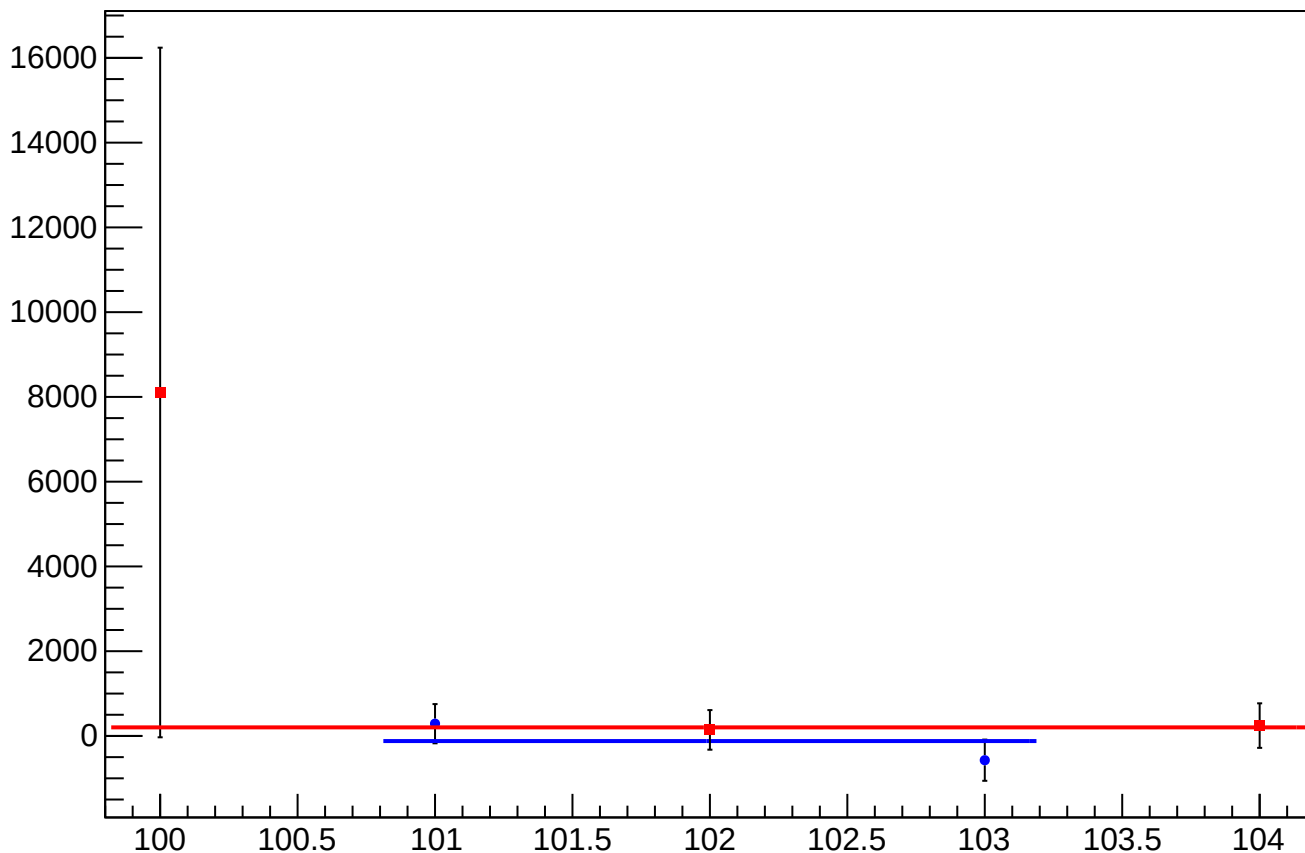
Right: 323.624 $\pm$ 0.146 χ^2 /NDF: 96056.3/4

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: 323.624 $\pm$ 0.146 χ^2 /NDF: 96056.3/4

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: 202.314+/-348.898 χ^2/NDF : 1.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

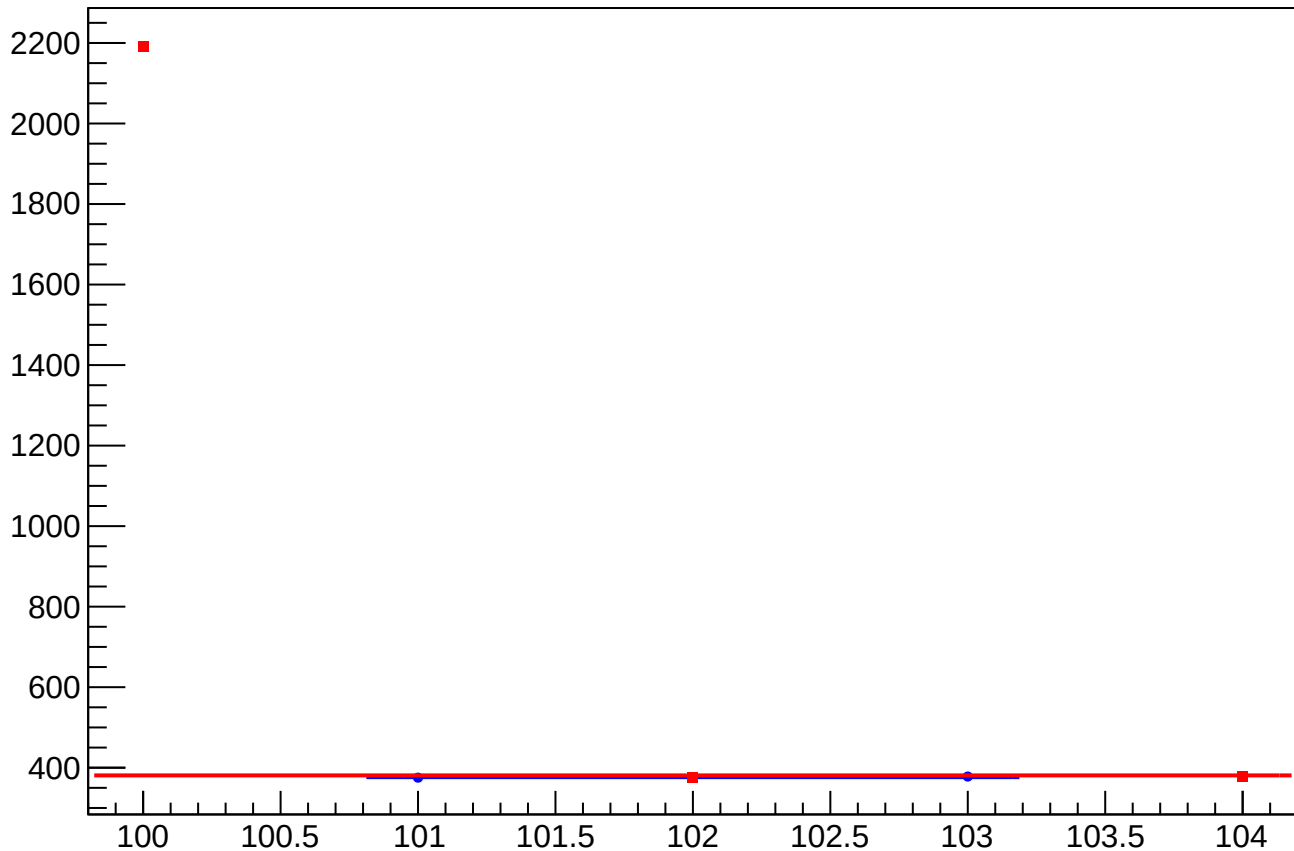
Right: 34.375+/-241.685 χ^2/NDF : 3.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.375+/-241.685 χ^2/NDF : 3.1/4

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: 380.904 $\pm$ 0.247 χ^2 /NDF: 99073.2/2

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

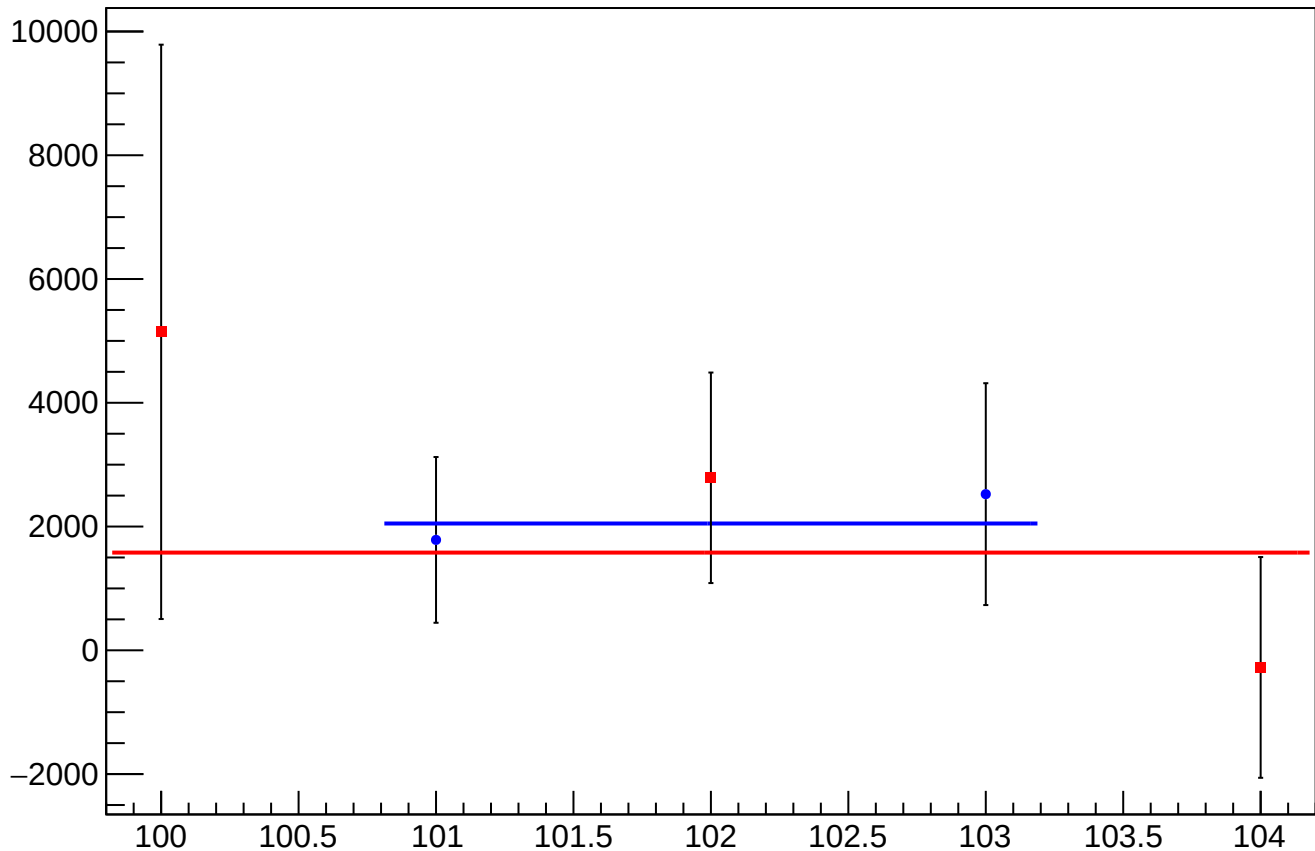
Right: 378.661 $\pm$ 0.171 χ^2 /NDF: 99266.9/4

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: 378.661 $\pm$ 0.171 χ^2 /NDF: 99266.9/4

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: 1579.091+/-1189.795 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

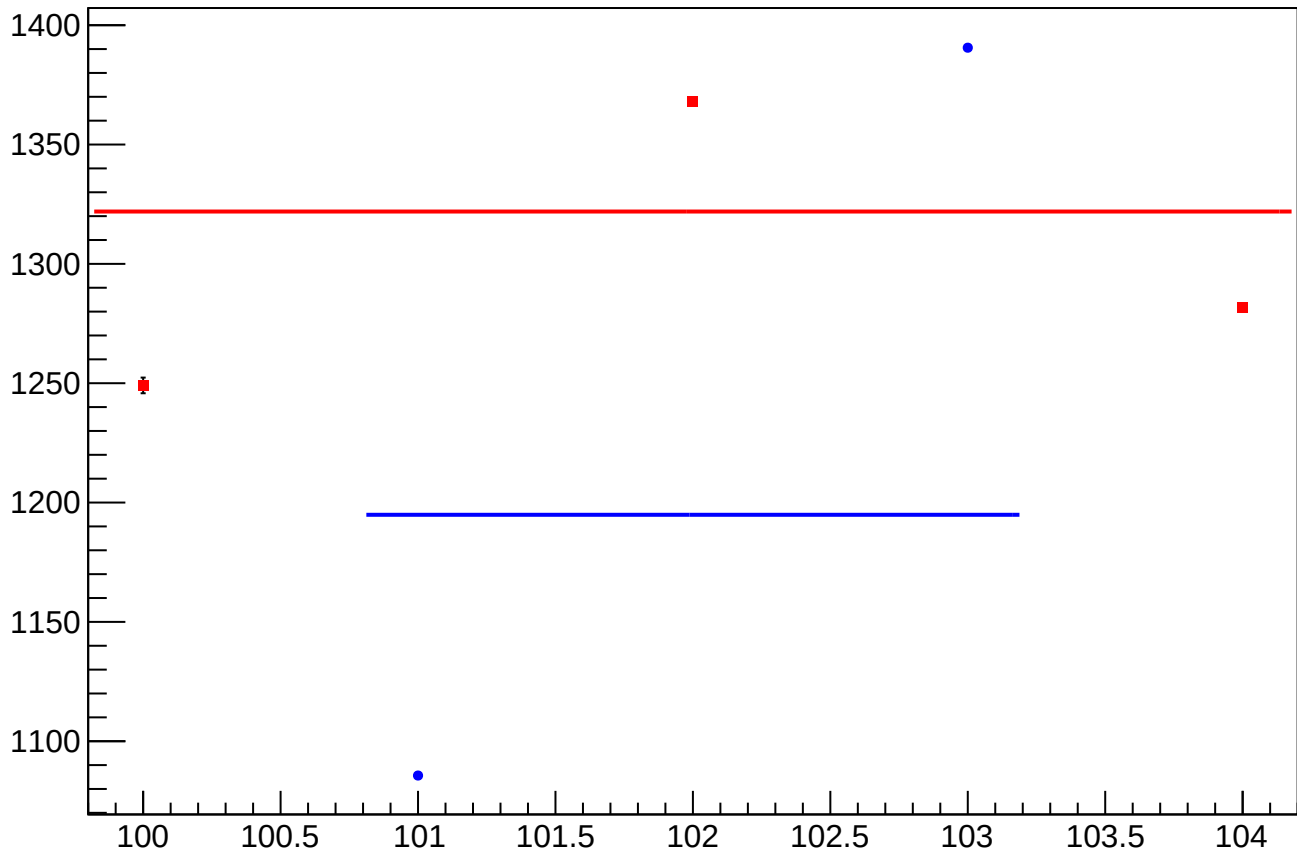
Right: 1838.351+/-796.782 χ^2/NDF : 2.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.351+/-796.782 χ^2/NDF : 2.4/4

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: 1321.934+/-0.841 χ^2/NDF : 2975.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

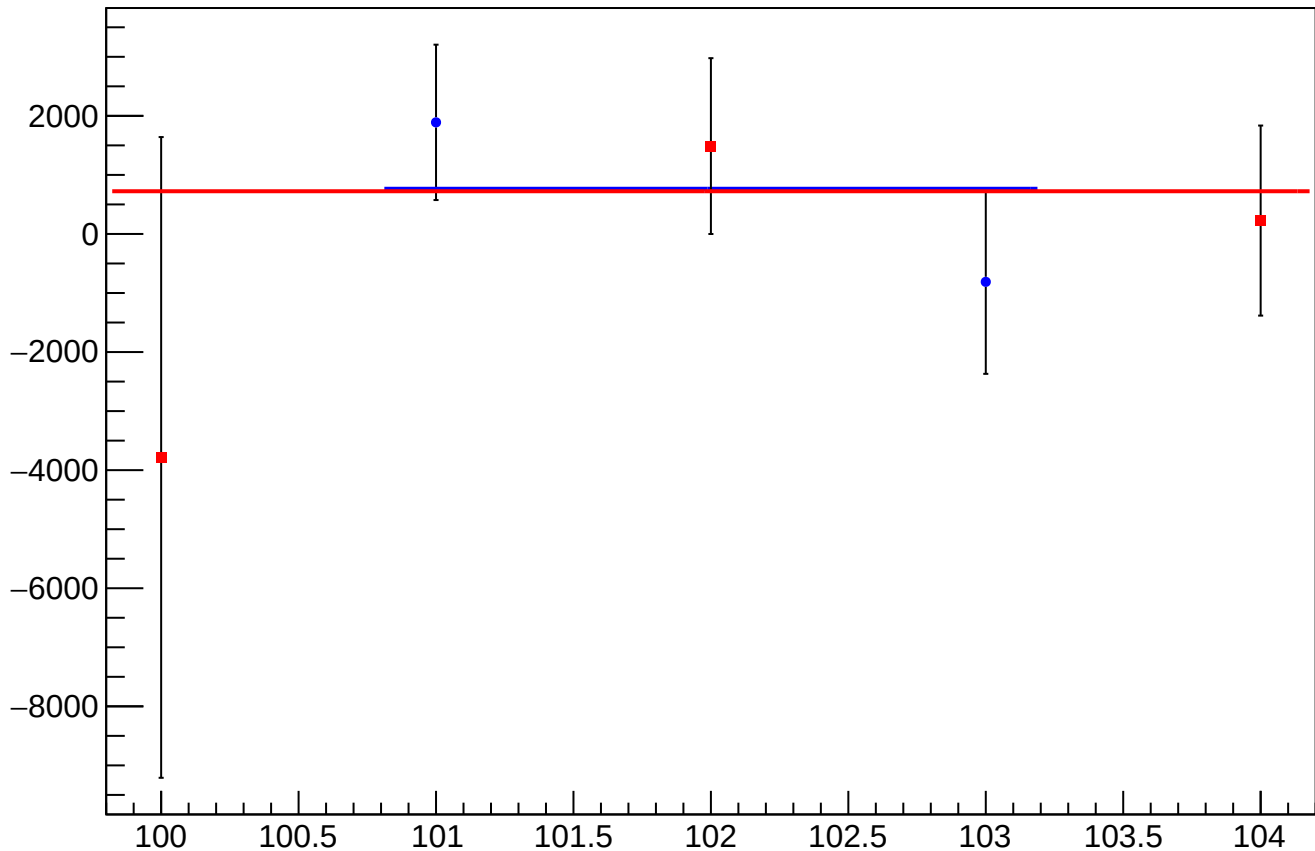
Right: 1251.855+/-0.563 χ^2/NDF : 52703.1/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1251.855+/-0.563 χ^2/NDF : 52703.1/4

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: 723.374+/-1071.436 χ^2/NDF : 1.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

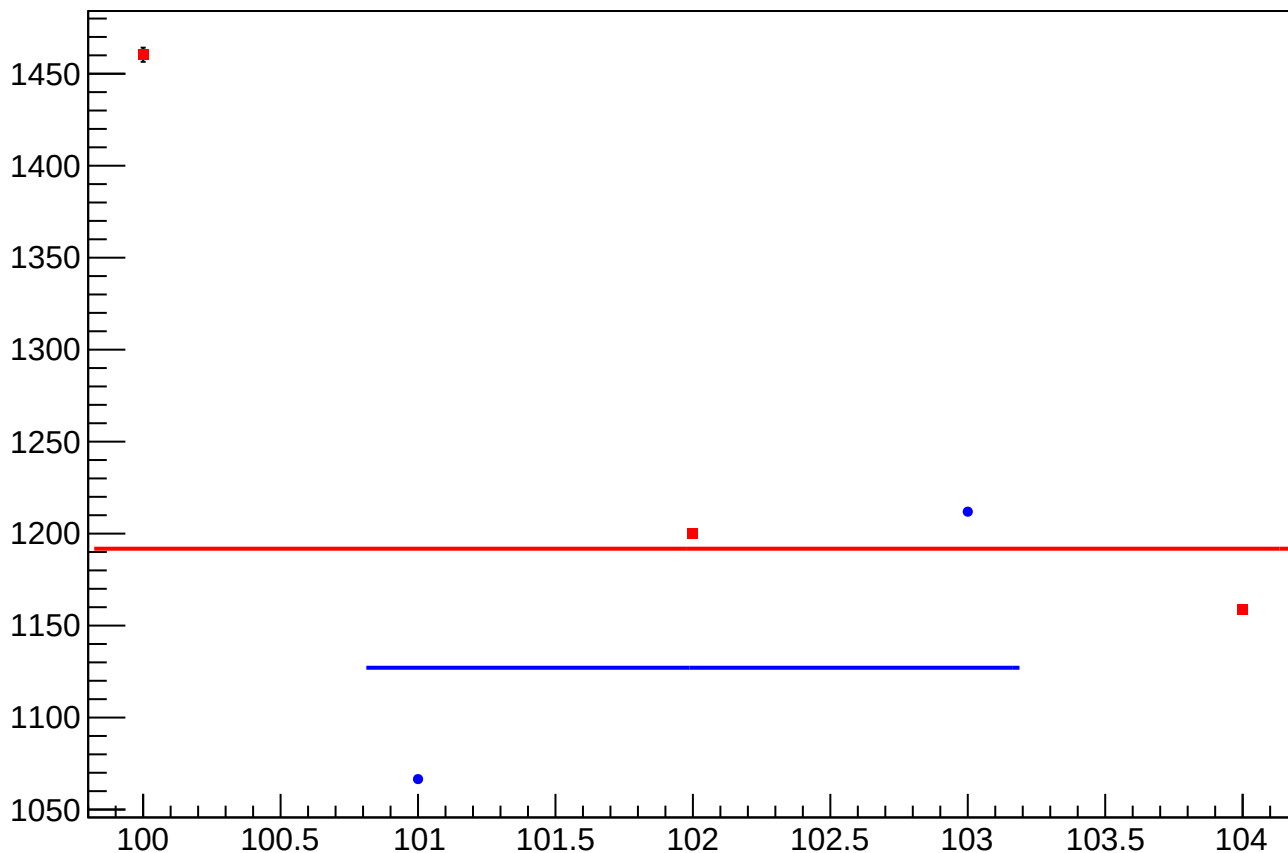
Right: 745.655+/-733.049 χ^2/NDF : 2.8/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 745.655+/-733.049 χ^2/NDF : 2.8/4

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: 1191.797+/-0.758 χ^2/NDF : 5816.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

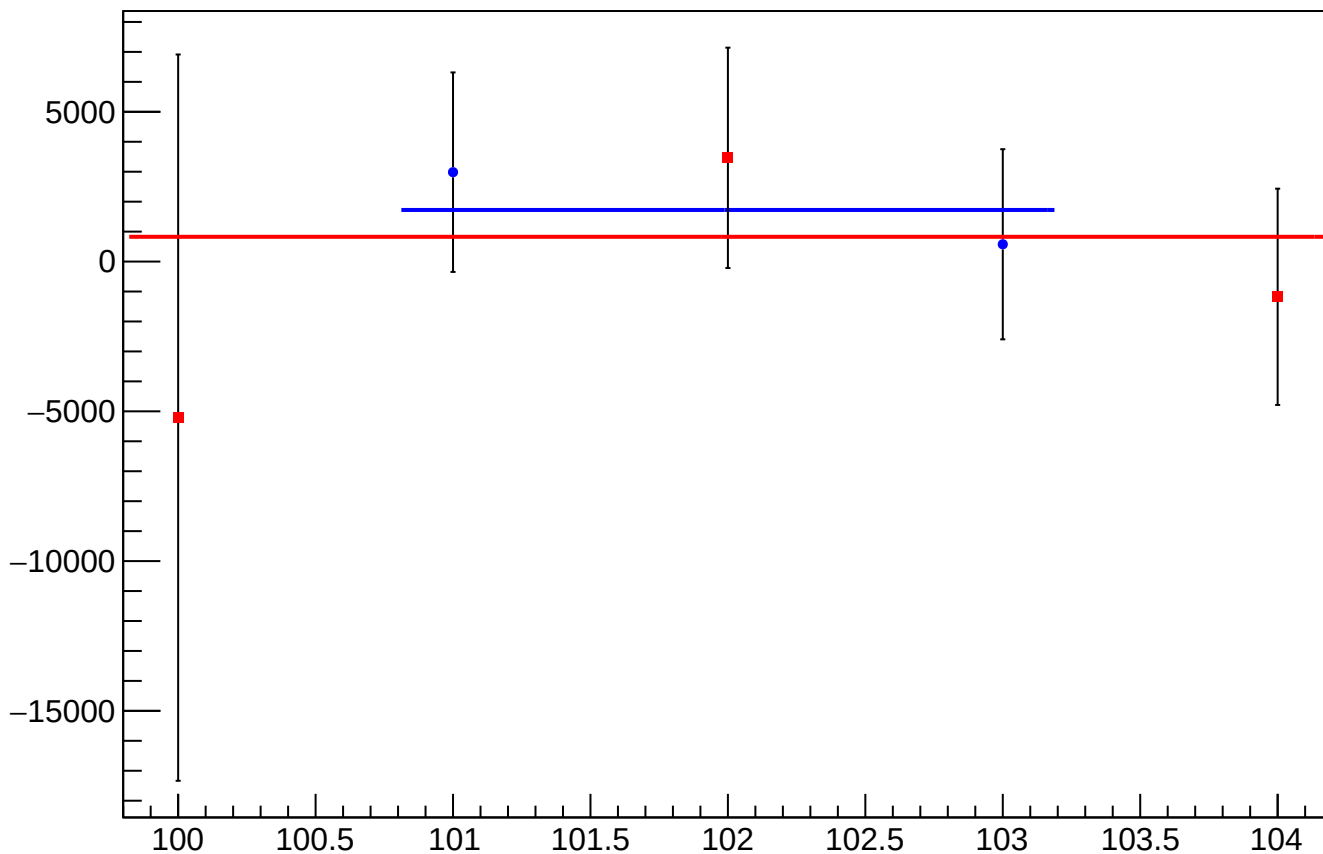
Right: 1157.373+/-0.518 χ^2/NDF : 19863.5/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1157.373+/-0.518 χ^2/NDF : 19863.5/4

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: 827.164+/-2520.264 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

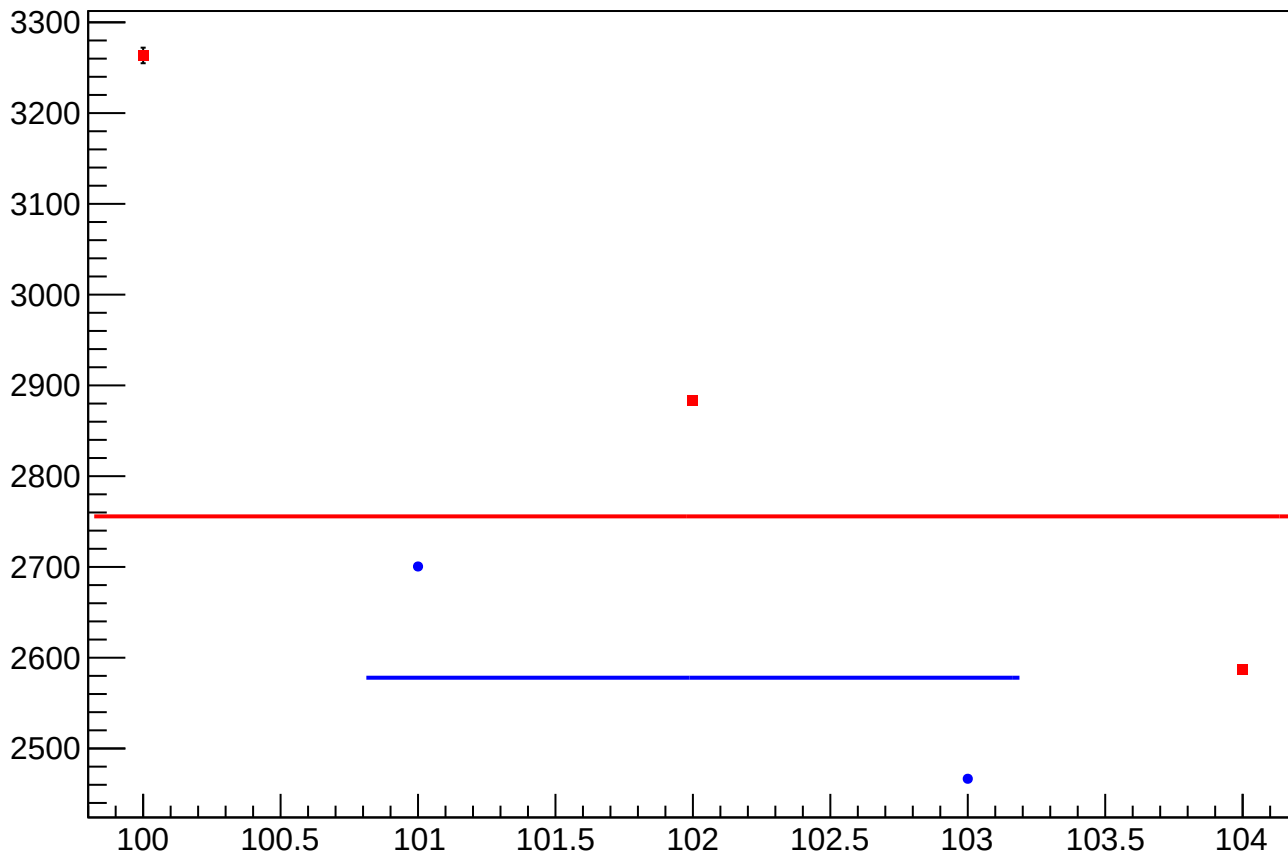
Right: 1316.497+/-1697.959 χ^2/NDF : 1.4/4

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1316.497+/-1697.959 χ^2/NDF : 1.4/4

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: 2755.709 $\pm$ 1.782 χ^2 /NDF: 10268.7/2

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

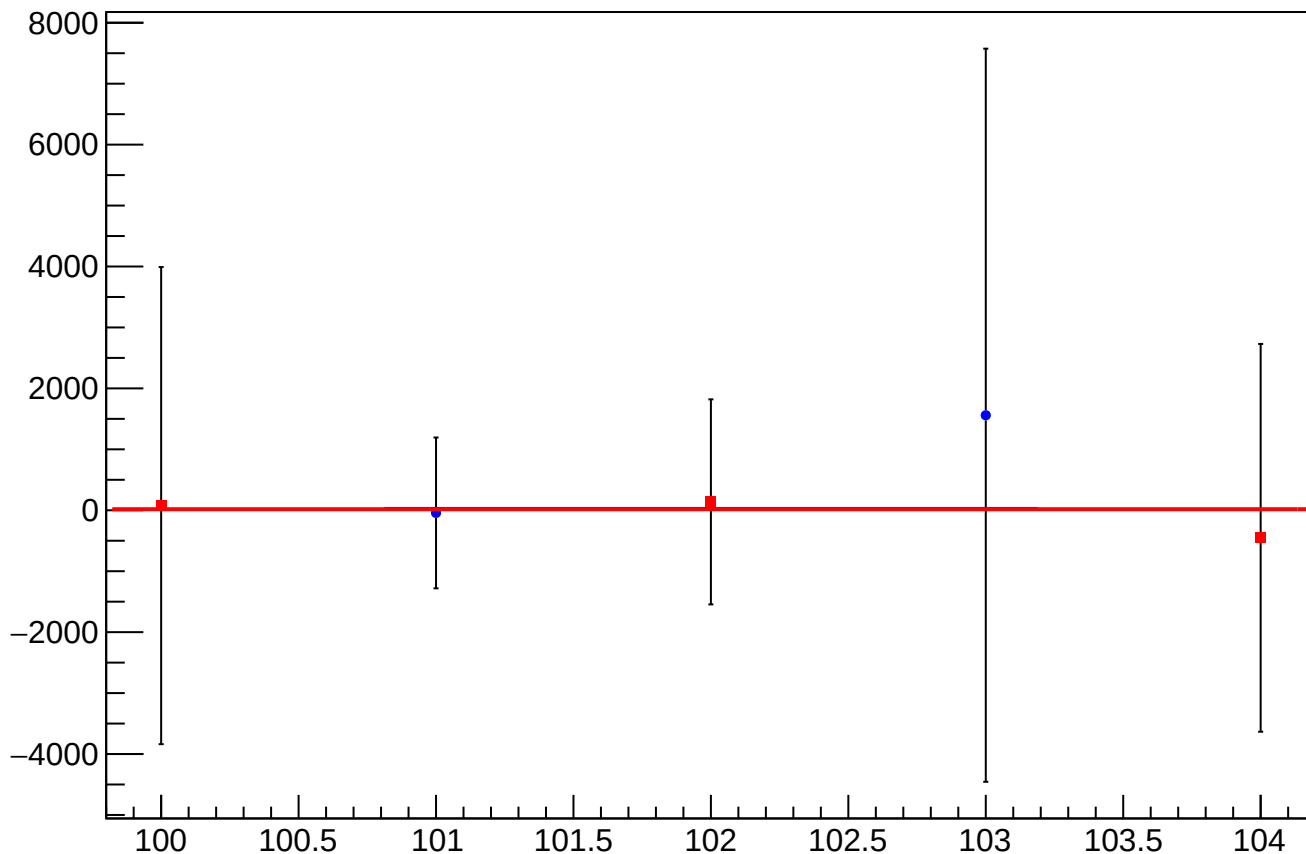
Right: 2658.643 $\pm$ 1.201 χ^2 /NDF: 20869.0/4

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: 2658.643 $\pm$ 1.201 χ^2 /NDF: 20869.0/4

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: 21.617+/-1212.072 χ^2/NDF : 0.1/1

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

Right Out: 17.416+/-1390.250 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

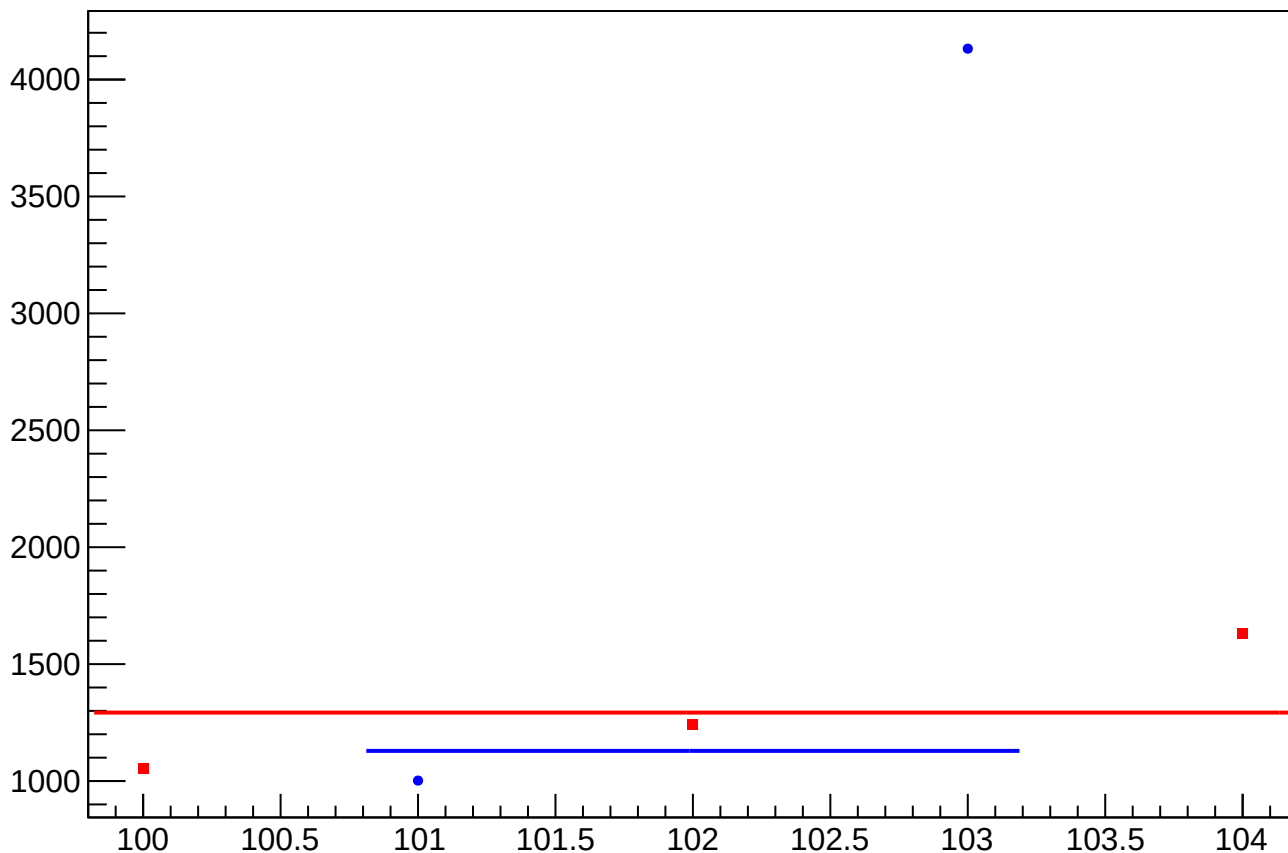
Right: 19.803+/-913.608 χ^2/NDF : 0.1/4

In: 21.617+/-1212.072 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.803+/-913.608 χ^2/NDF : 0.1/4

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: 1292.756+/-0.983 χ^2/NDF : 31557.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

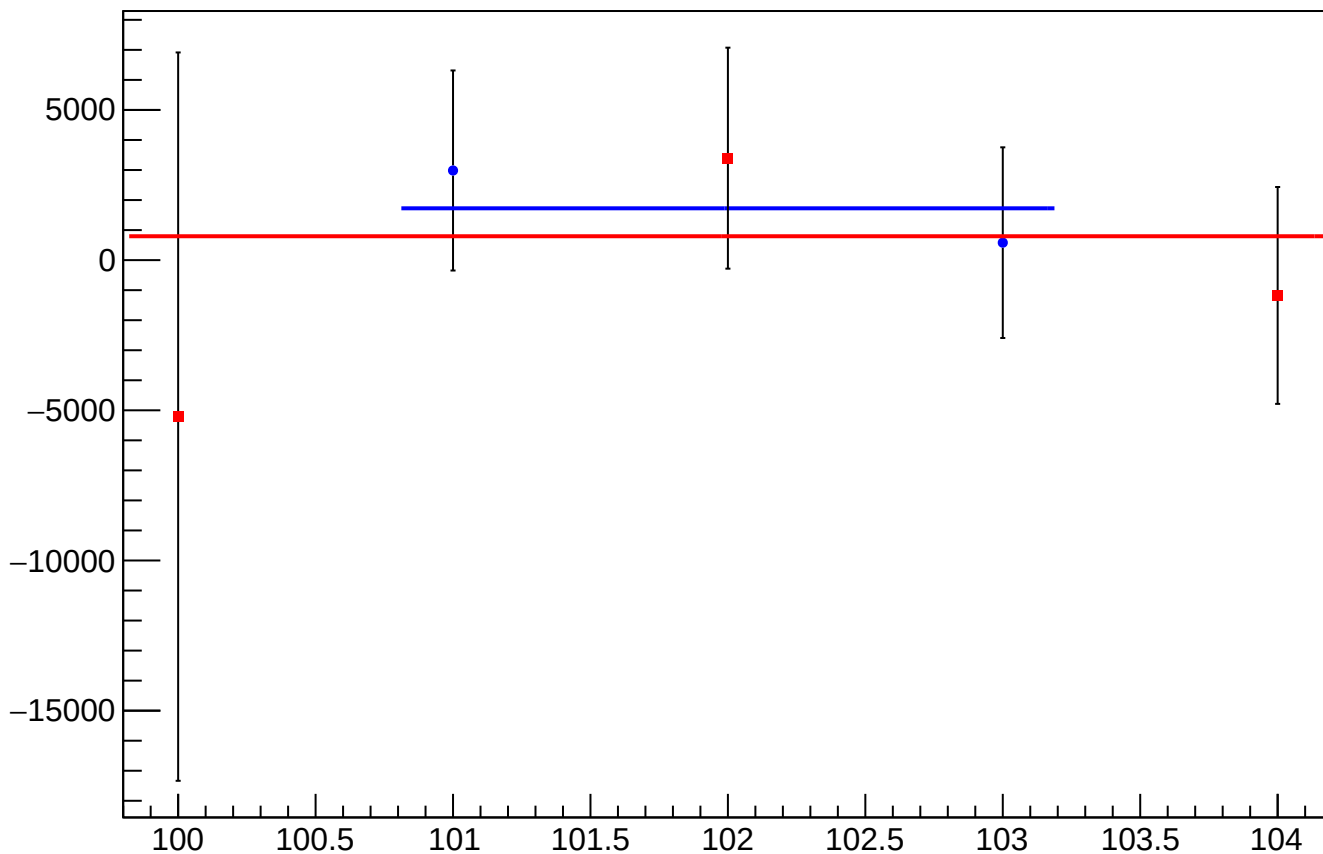
Right: 1199.723+/-0.646 χ^2/NDF : 566914.7/4

In: 1129.009+/-0.857 χ^2/NDF : 519593.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.723+/-0.646 χ^2/NDF : 566914.7/4

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: 795.218+/-2520.401 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

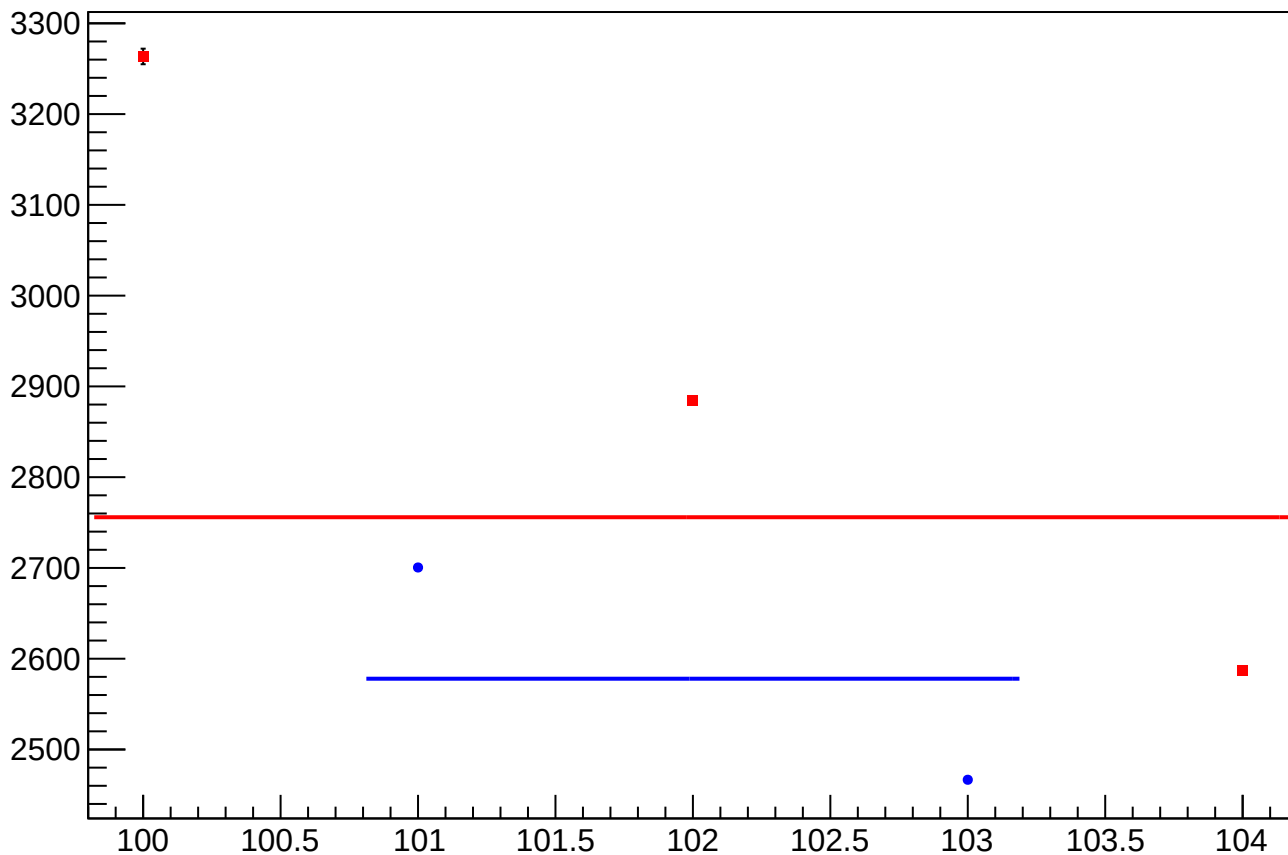
Right: 1303.080+/-1698.001 χ^2 /NDF: 1.4/4

In: 1725.156+/-2297.694 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1303.080+/-1698.001 χ^2 /NDF: 1.4/4

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: 2755.870 $\pm$ 1.782 χ^2 /NDF: 10282.3/2

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

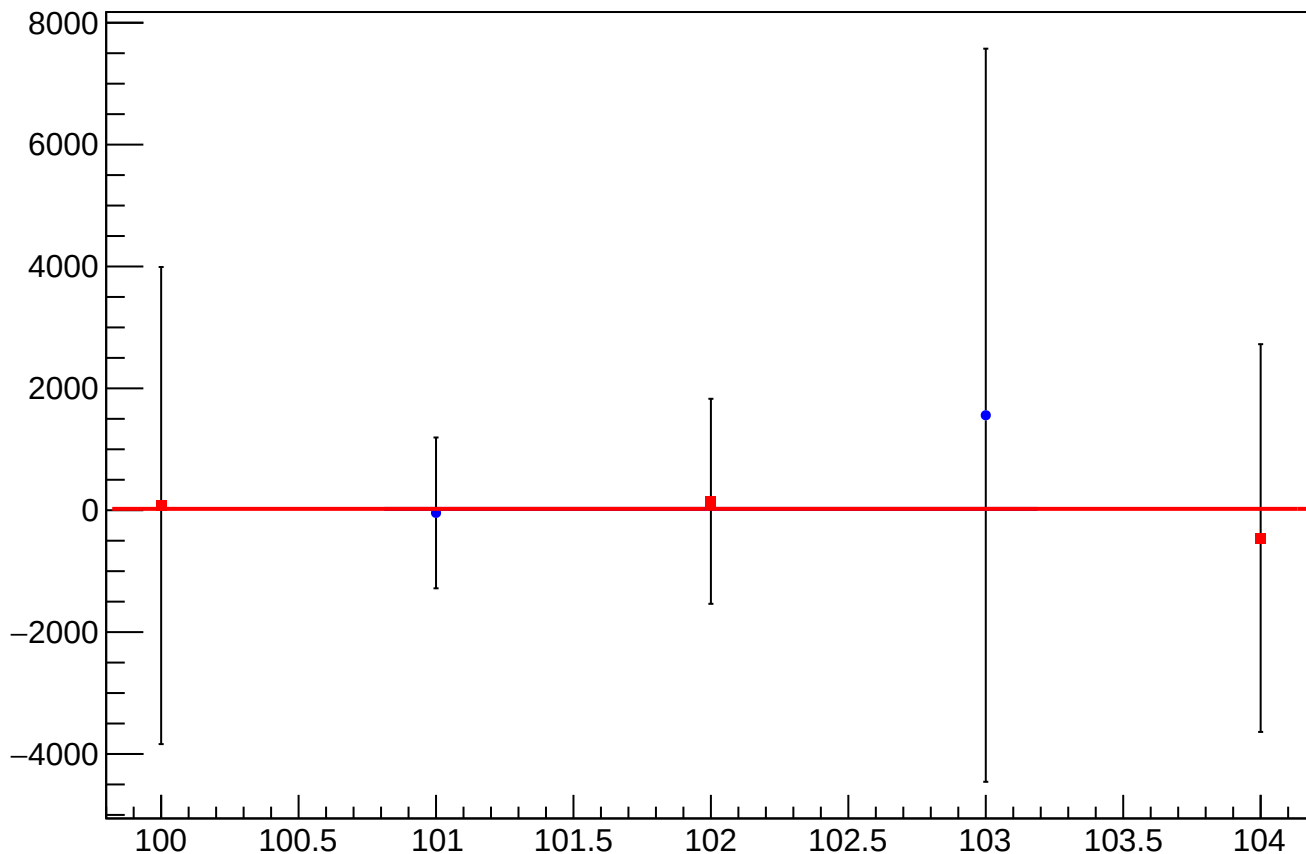
Right: 2658.712 $\pm$ 1.201 χ^2 /NDF: 20892.0/4

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: 2658.712 $\pm$ 1.201 χ^2 /NDF: 20892.0/4

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: 22.587+/-1390.269 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

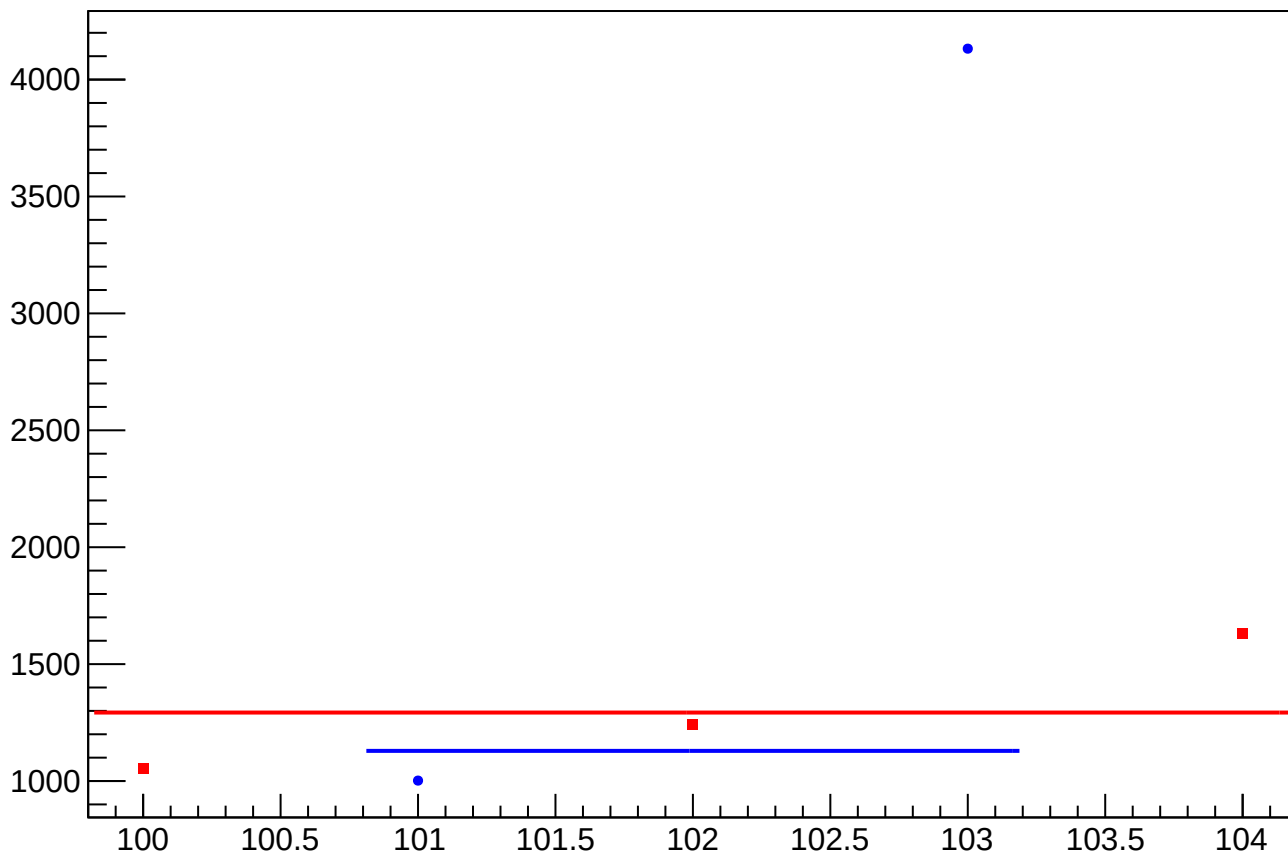
Right: 21.876+/-913.610 χ^2/NDF : 0.1/4

In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.876+/-913.610 χ^2/NDF : 0.1/4

asym_atl1_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: 1292.917+/-0.983 χ^2/NDF : 31533.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

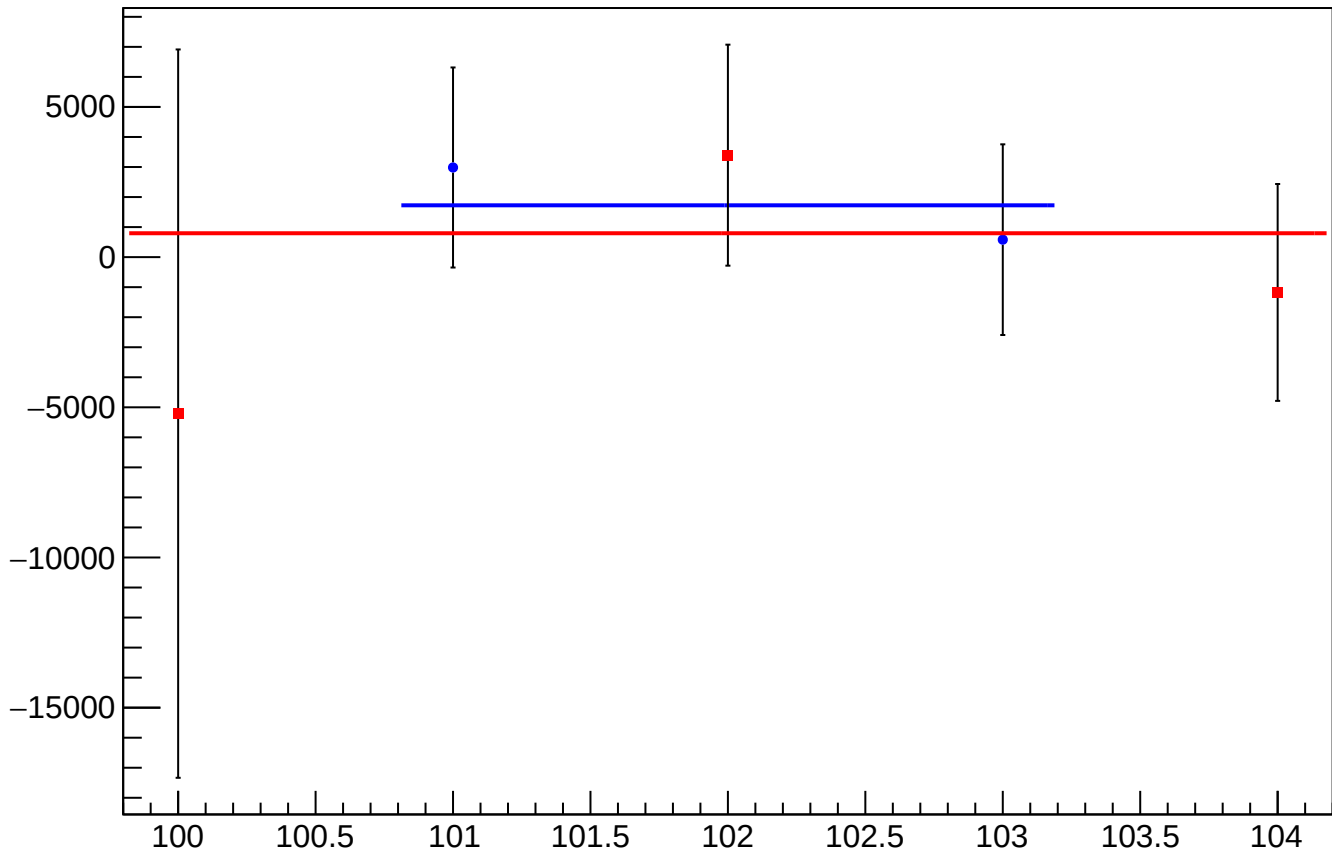
Right: 1199.781+/-0.646 χ^2/NDF : 566921.5/4

In: 1128.992+/-0.857 χ^2/NDF : 519590.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.781+/-0.646 χ^2/NDF : 566921.5/4

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: 795.218+/-2520.401 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

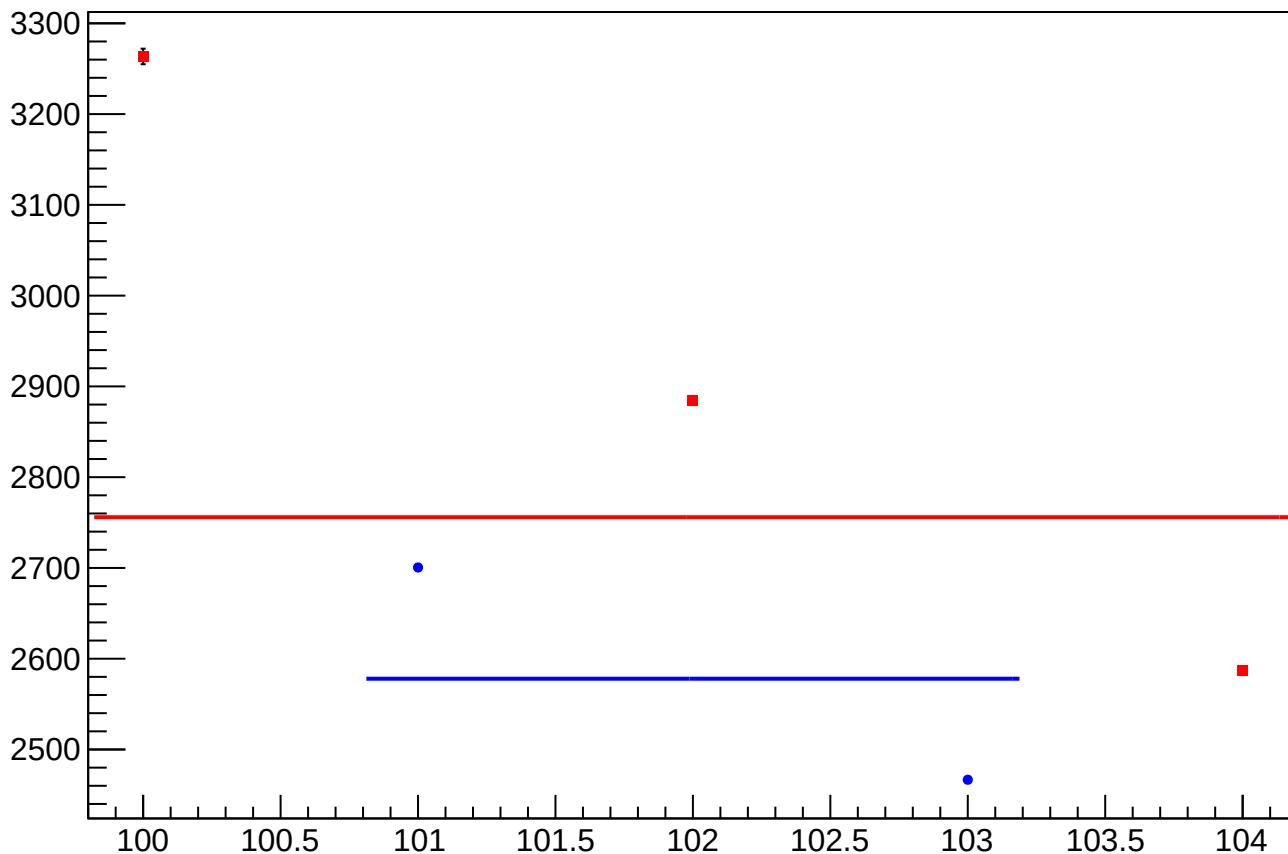
Right: 1303.080+/-1698.001 χ^2 /NDF: 1.4/4

In: 1725.156+/-2297.694 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1303.080+/-1698.001 χ^2 /NDF: 1.4/4

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: 2755.870+/-1.782 χ^2/NDF : 10282.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

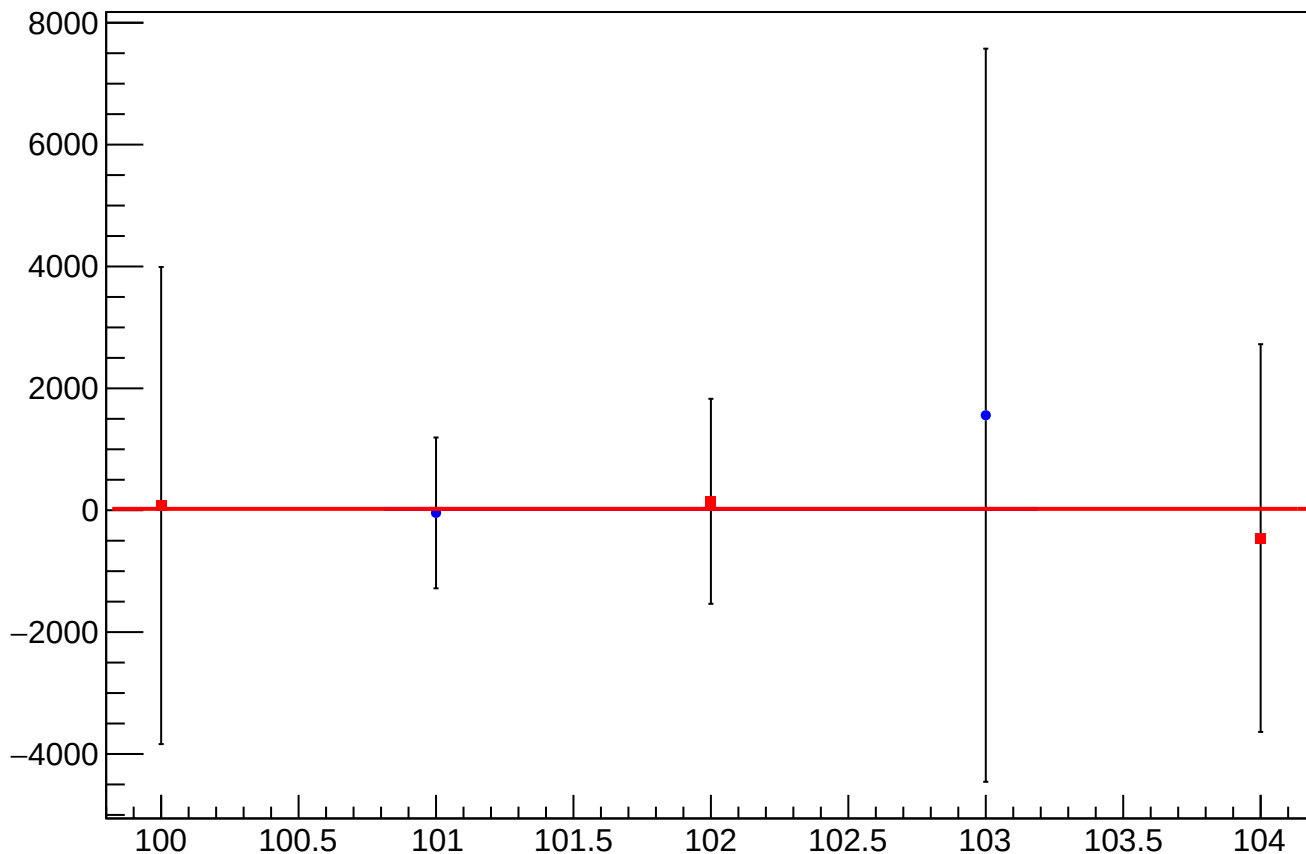
Right: 2658.712+/-1.201 χ^2/NDF : 20892.0/4

In: 2577.964+/-1.625 χ^2/NDF : 5167.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2658.712+/-1.201 χ^2/NDF : 20892.0/4

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: 22.587+/-1390.269 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

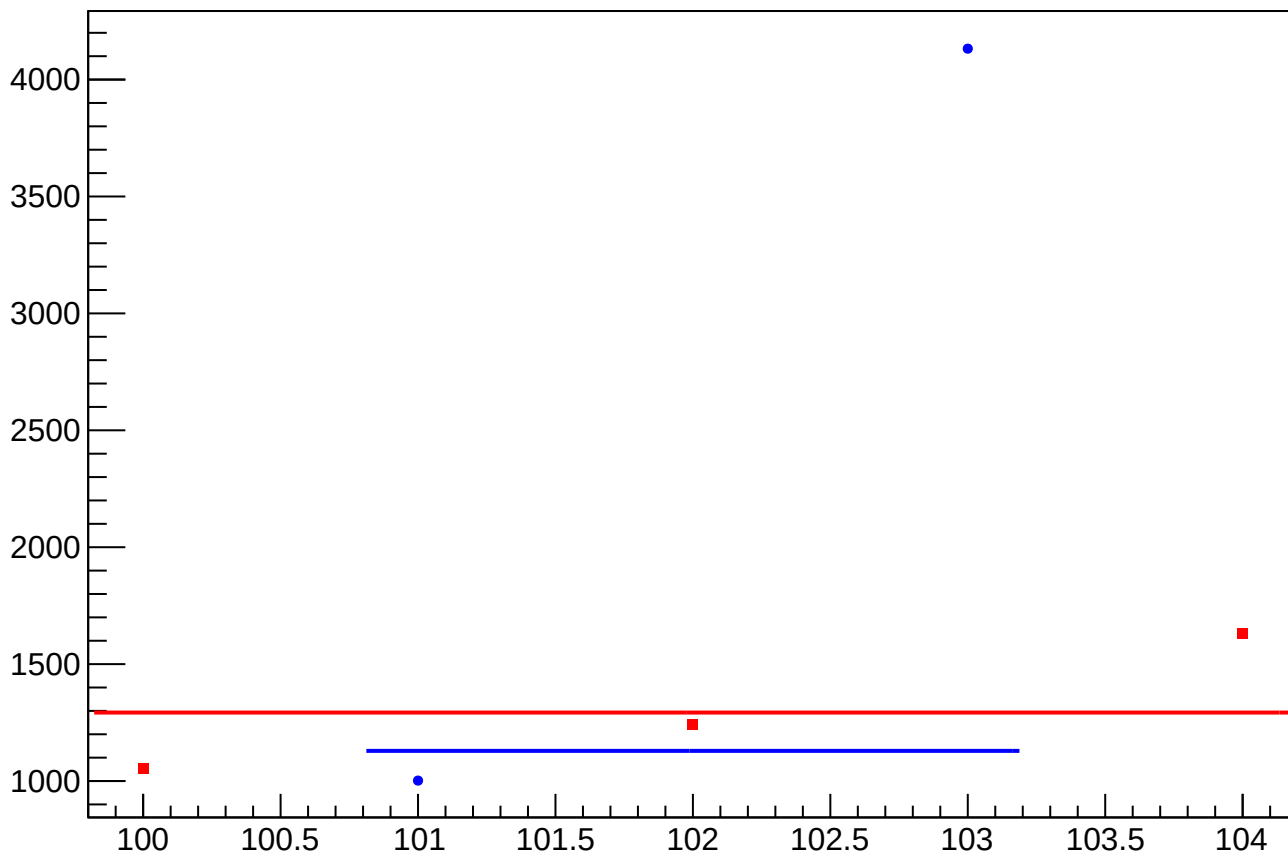
Right: 21.876+/-913.610 χ^2/NDF : 0.1/4

In: 21.336+/-1212.065 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.876+/-913.610 χ^2/NDF : 0.1/4

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1128.992 ± 0.857 $\chi^2/\text{NDF}: 519590.8/1$

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

Right Out: 1292.917 ± 0.983 $\chi^2/\text{NDF}: 31533.0/2$

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

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

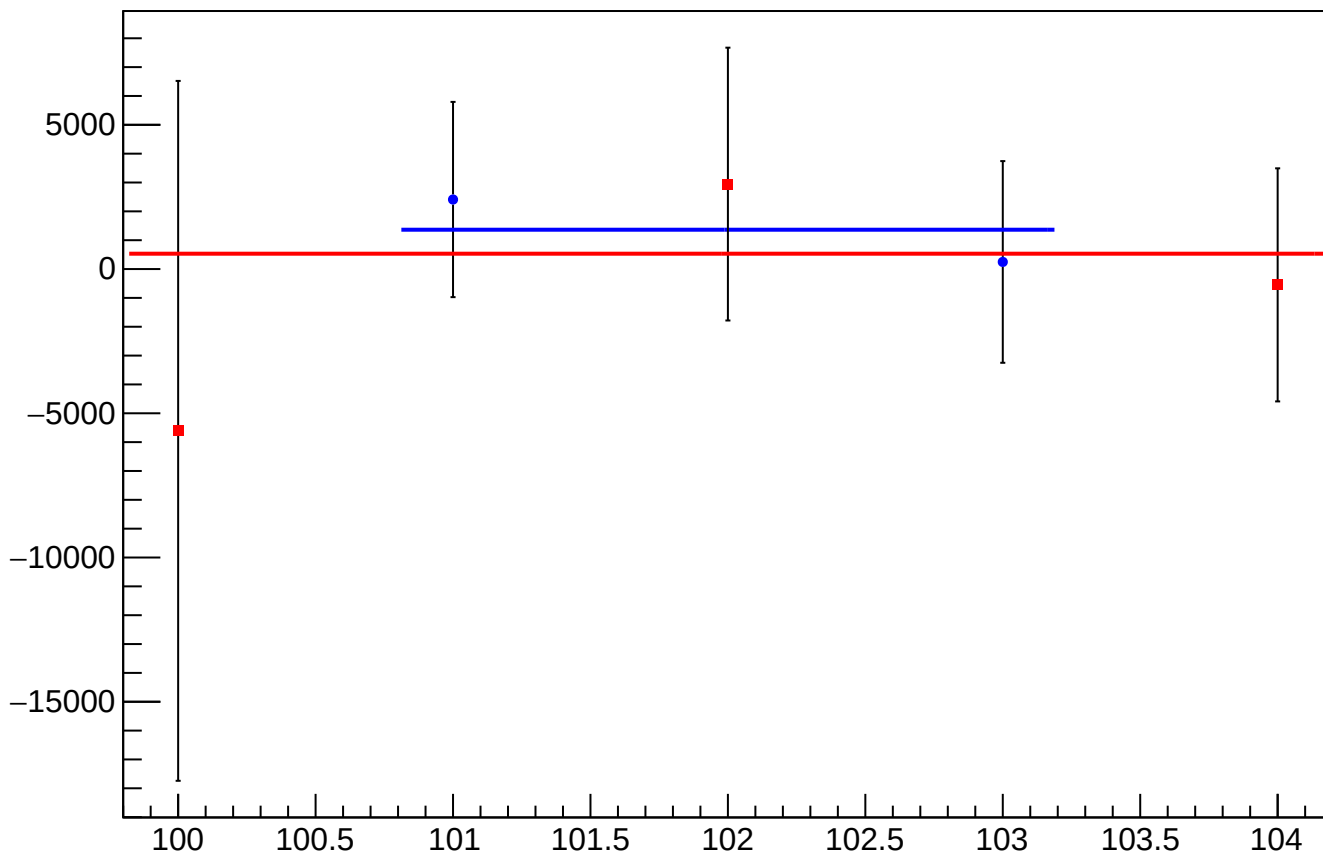
Right: 1199.781 ± 0.646 $\chi^2/\text{NDF}: 566921.5/4$

In: 1128.992 ± 0.857 $\chi^2/\text{NDF}: 519590.8/1$

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

All: 1199.781 ± 0.646 $\chi^2/\text{NDF}: 566921.5/4$

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: 532.104 $\pm$ 2977.739 χ^2 /NDF: 0.6/2

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

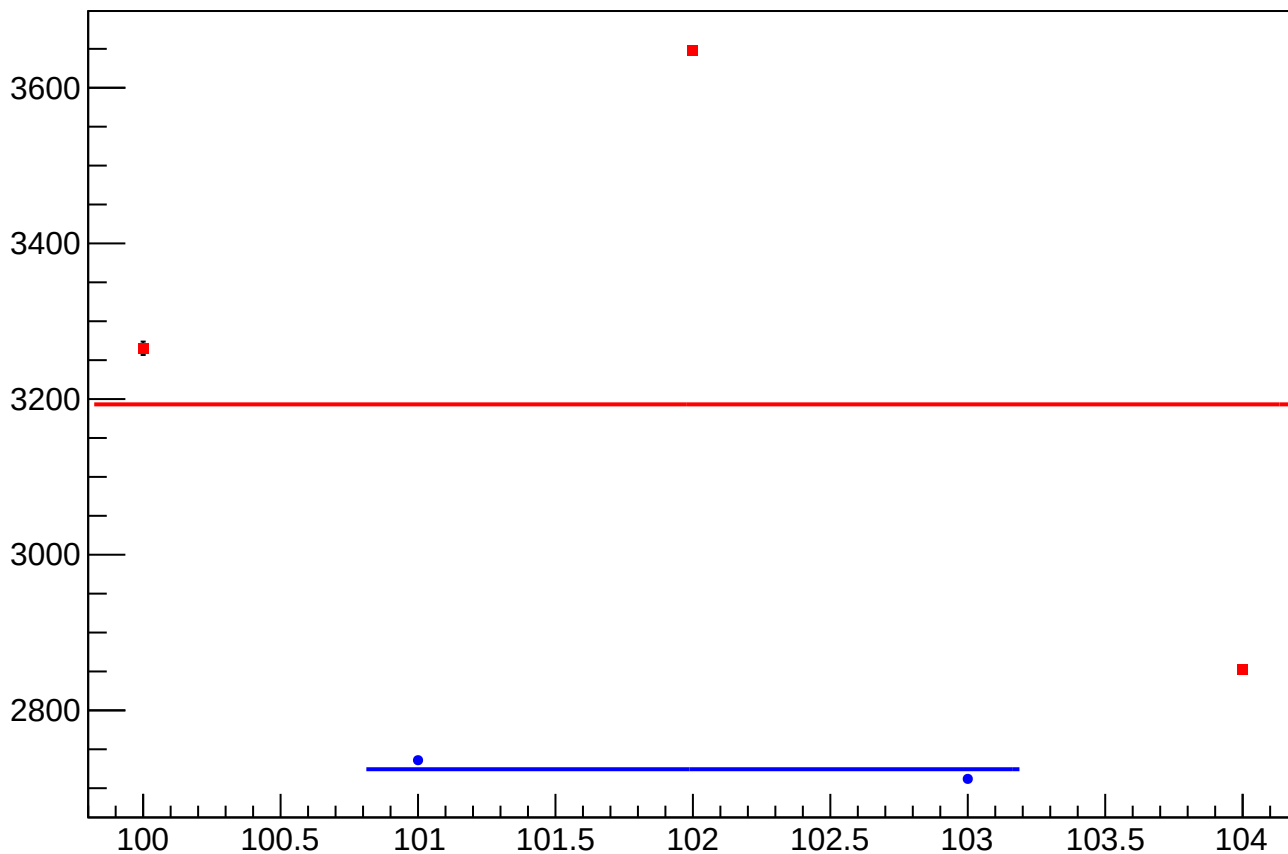
Right: 1030.864 $\pm$ 1883.344 χ^2 /NDF: 0.8/4

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: 1030.864 $\pm$ 1883.344 χ^2 /NDF: 0.8/4

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.365 $\pm$ 1.719 χ^2 /NDF: 48.6/1

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

Right Out: 3193.187 $\pm$ 2.106 χ^2 /NDF: 32758.6/2

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

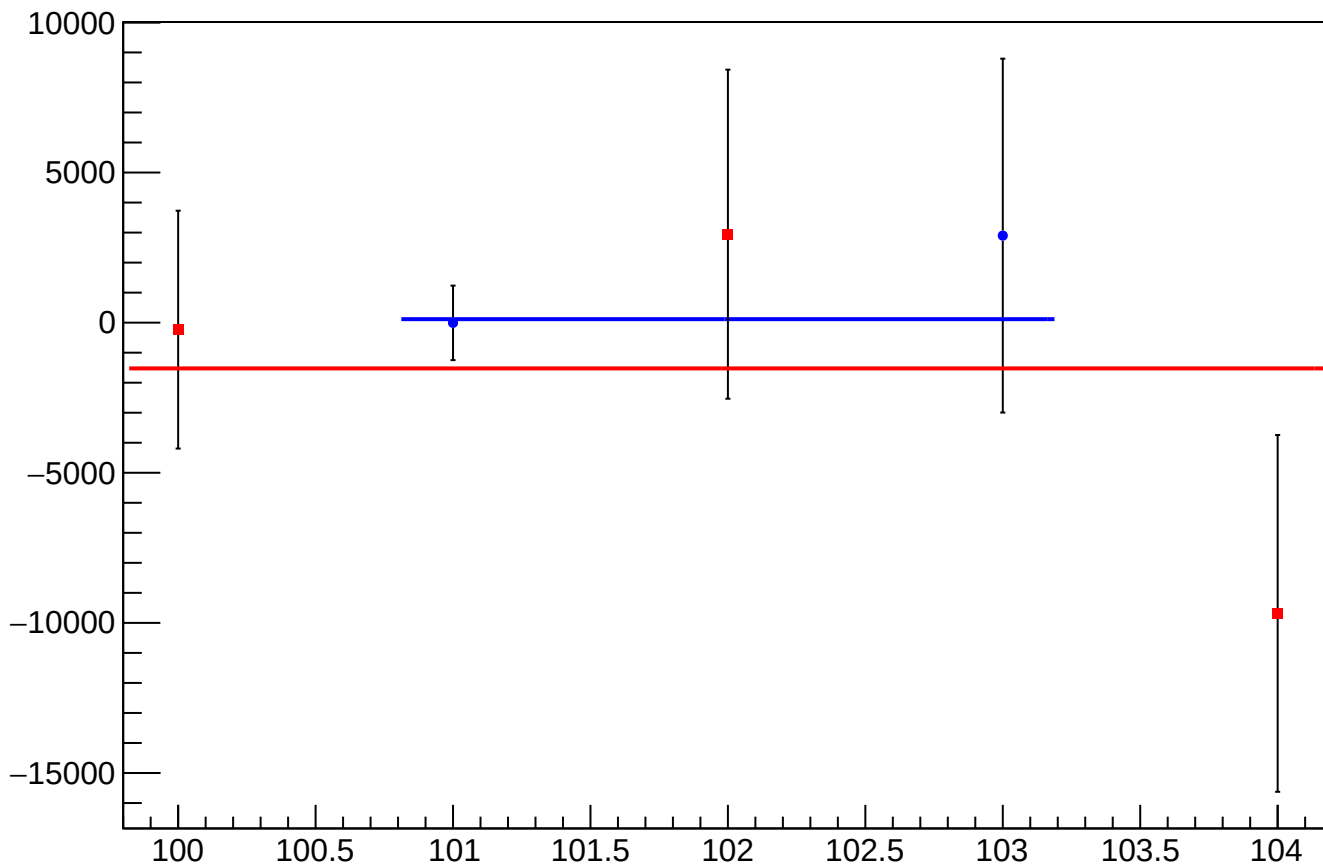
Right: 2911.905 $\pm$ 1.332 χ^2 /NDF: 62551.8/4

In: 2724.365 $\pm$ 1.719 χ^2 /NDF: 48.6/1

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

All: 2911.905 $\pm$ 1.332 χ^2 /NDF: 62551.8/4

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: -1523.637+/-2824.422 χ^2/NDF : 2.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

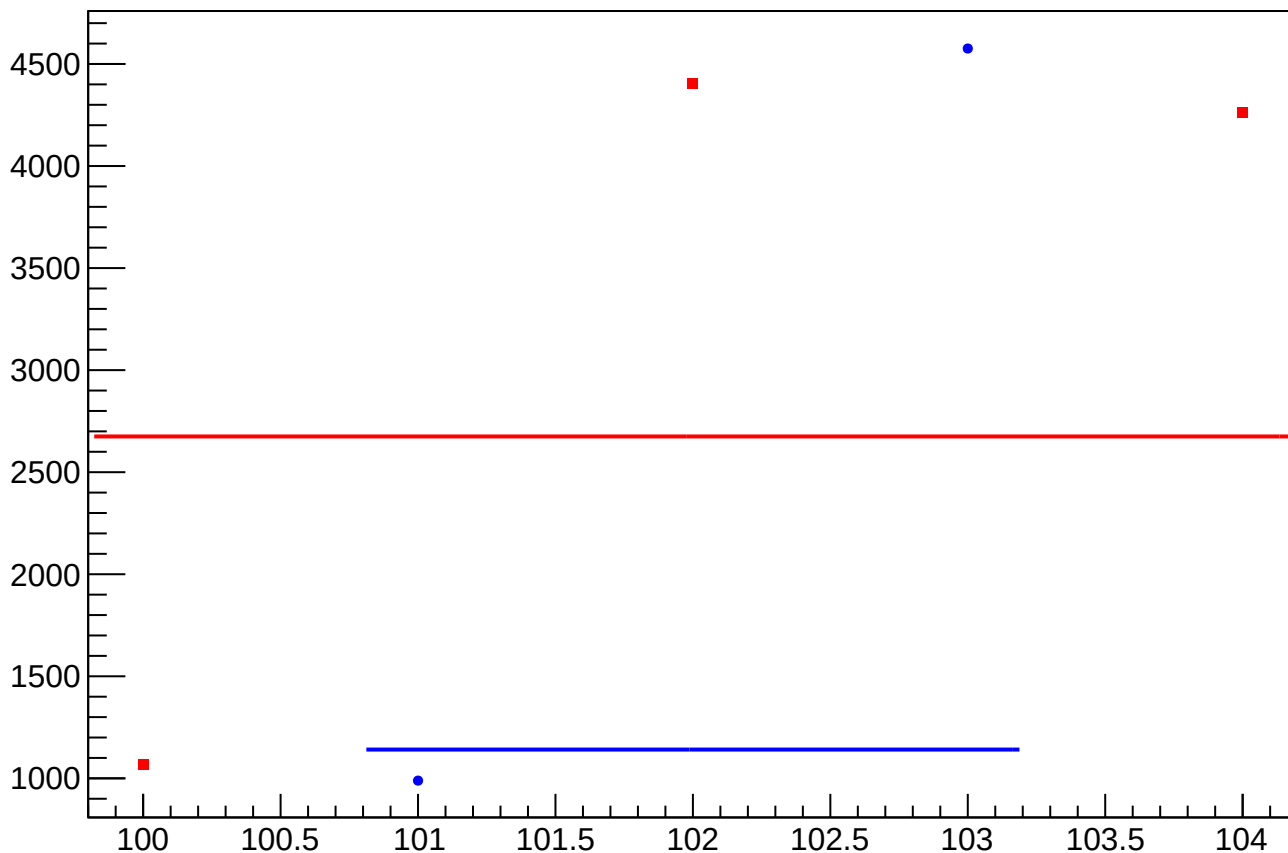
Right: -139.481+/-1115.185 χ^2/NDF : 3.2/4

In: 116.156+/-1213.805 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.481+/-1115.185 χ^2/NDF : 3.2/4

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1141.002+/-0.858 χ^2/NDF : 709400.7/1

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

Right Out: 2675.081+/-1.997 χ^2/NDF : 671804.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

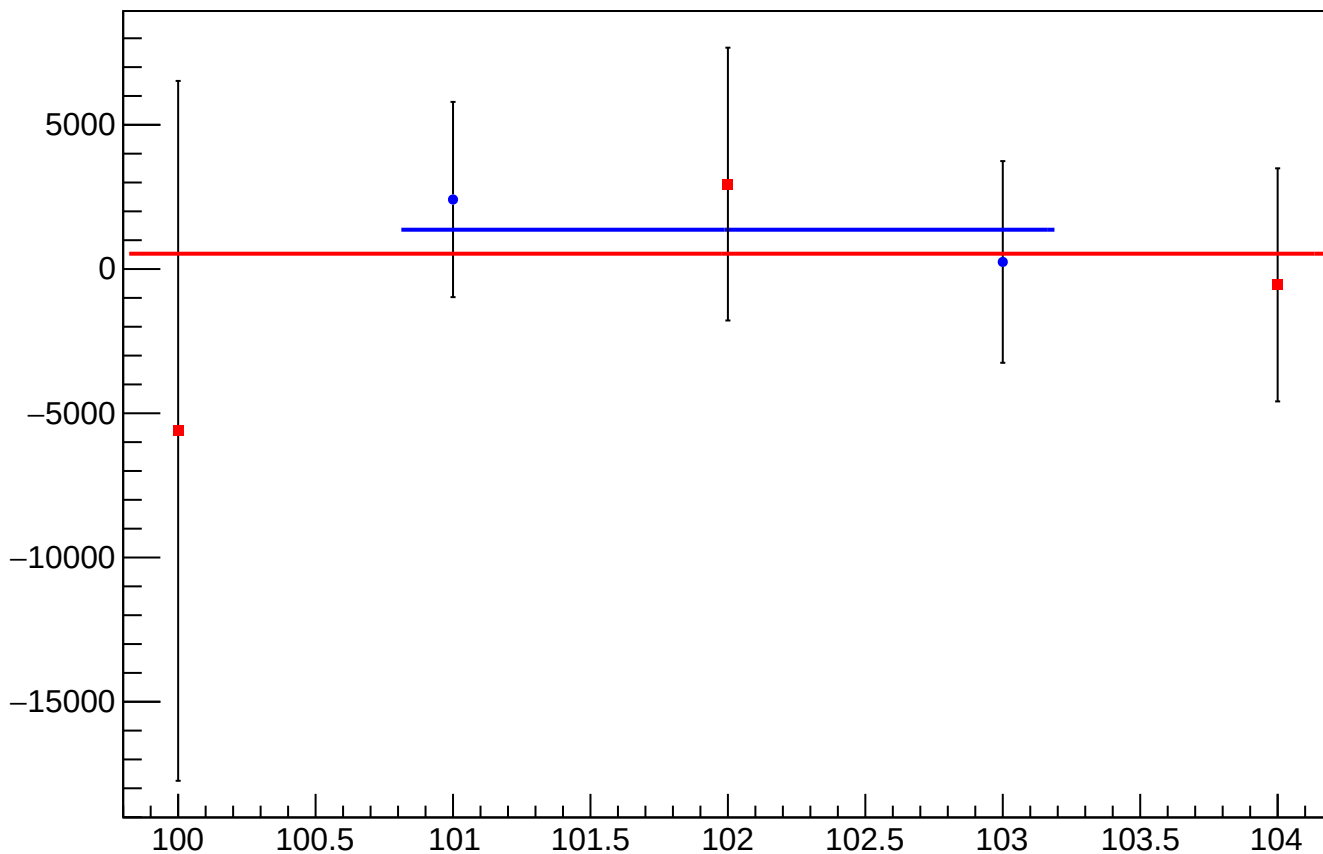
Right: 1380.159+/-0.789 χ^2/NDF : 1879242.8/4

In: 1141.002+/-0.858 χ^2/NDF : 709400.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.159+/-0.789 χ^2/NDF : 1879242.8/4

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: 532.089+/-2977.736 χ^2 /NDF: 0.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

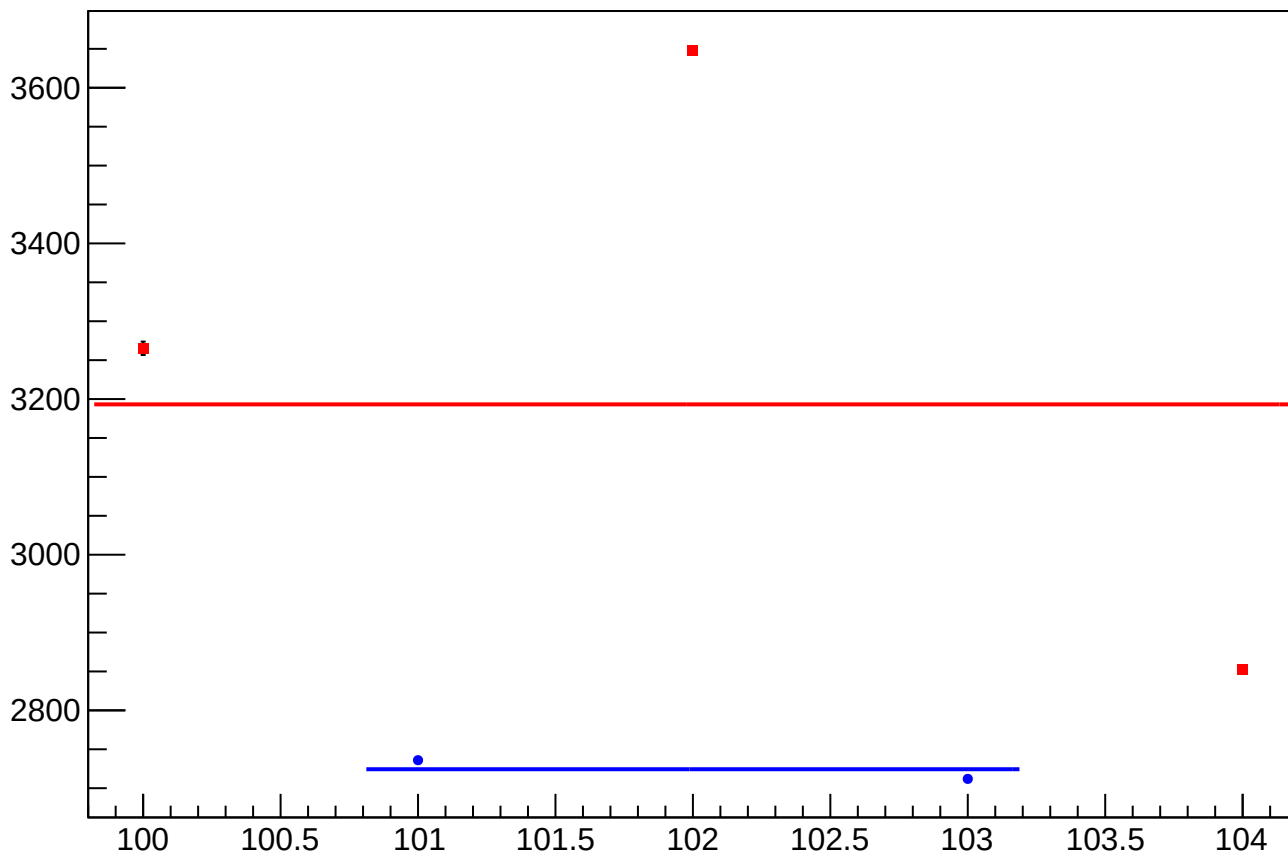
Right: 1030.850+/-1883.343 χ^2 /NDF: 0.8/4

In: 1363.392+/-2431.434 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1030.850+/-1883.343 χ^2 /NDF: 0.8/4

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2724.362 $\pm$ 1.719 χ^2 /NDF: 48.7/1

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

Right Out: 3193.183 $\pm$ 2.106 χ^2 /NDF: 32758.9/2

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

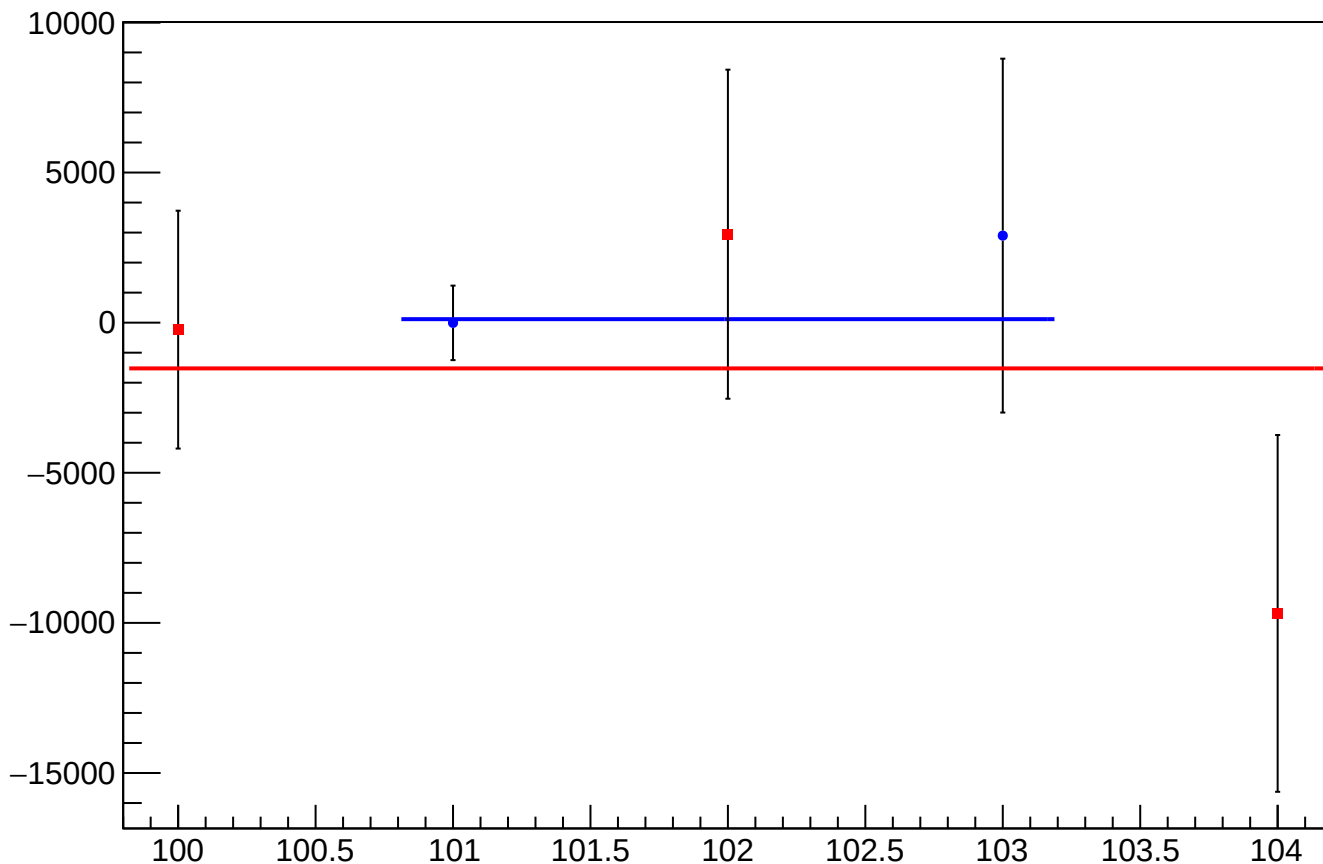
Right: 2911.902 $\pm$ 1.332 χ^2 /NDF: 62552.0/4

In: 2724.362 $\pm$ 1.719 χ^2 /NDF: 48.7/1

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

All: 2911.902 $\pm$ 1.332 χ^2 /NDF: 62552.0/4

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: -1523.627+/-2824.428 χ^2/NDF : 2.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

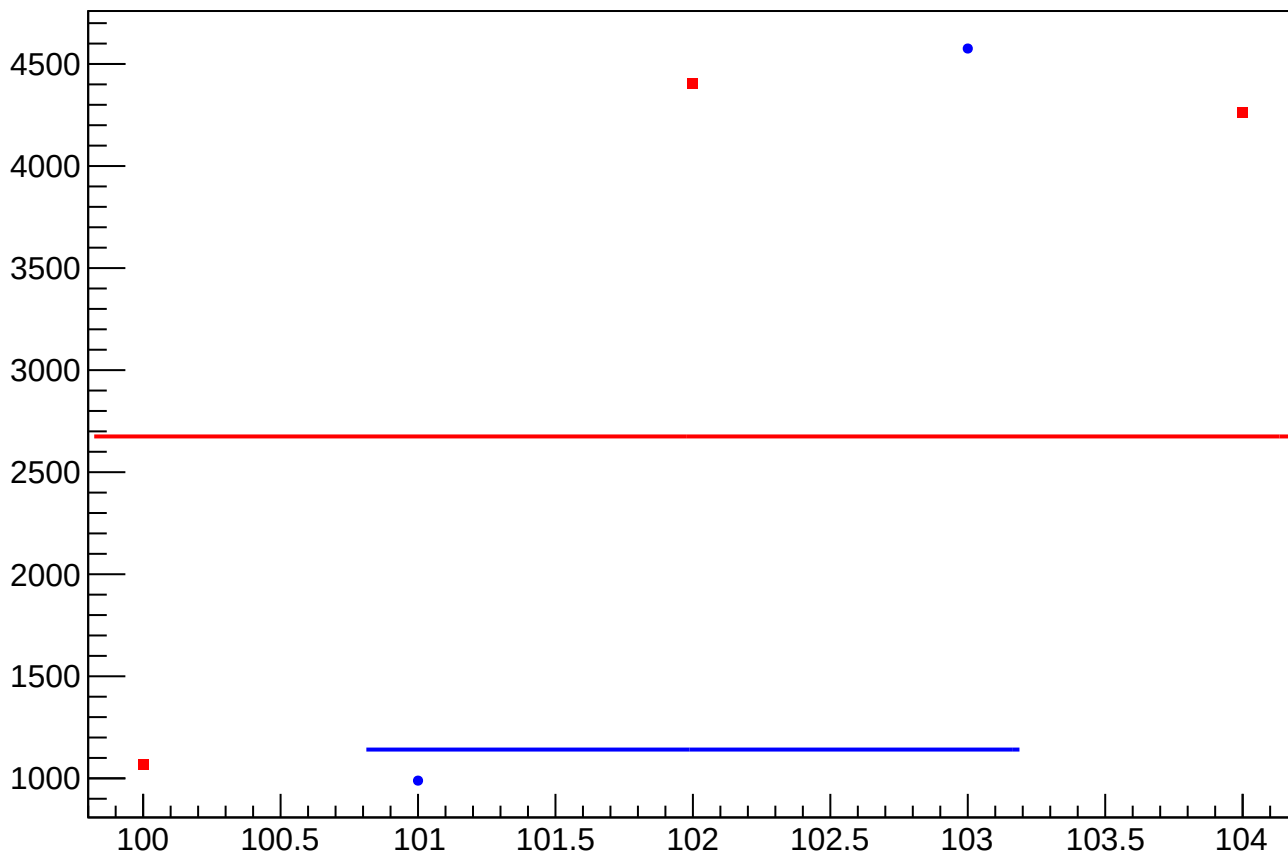
Right: -139.485+/-1115.186 χ^2/NDF : 3.2/4

In: 116.149+/-1213.806 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.485+/-1115.186 χ^2/NDF : 3.2/4

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: 2675.087+/-1.997 χ^2/NDF : 671805.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

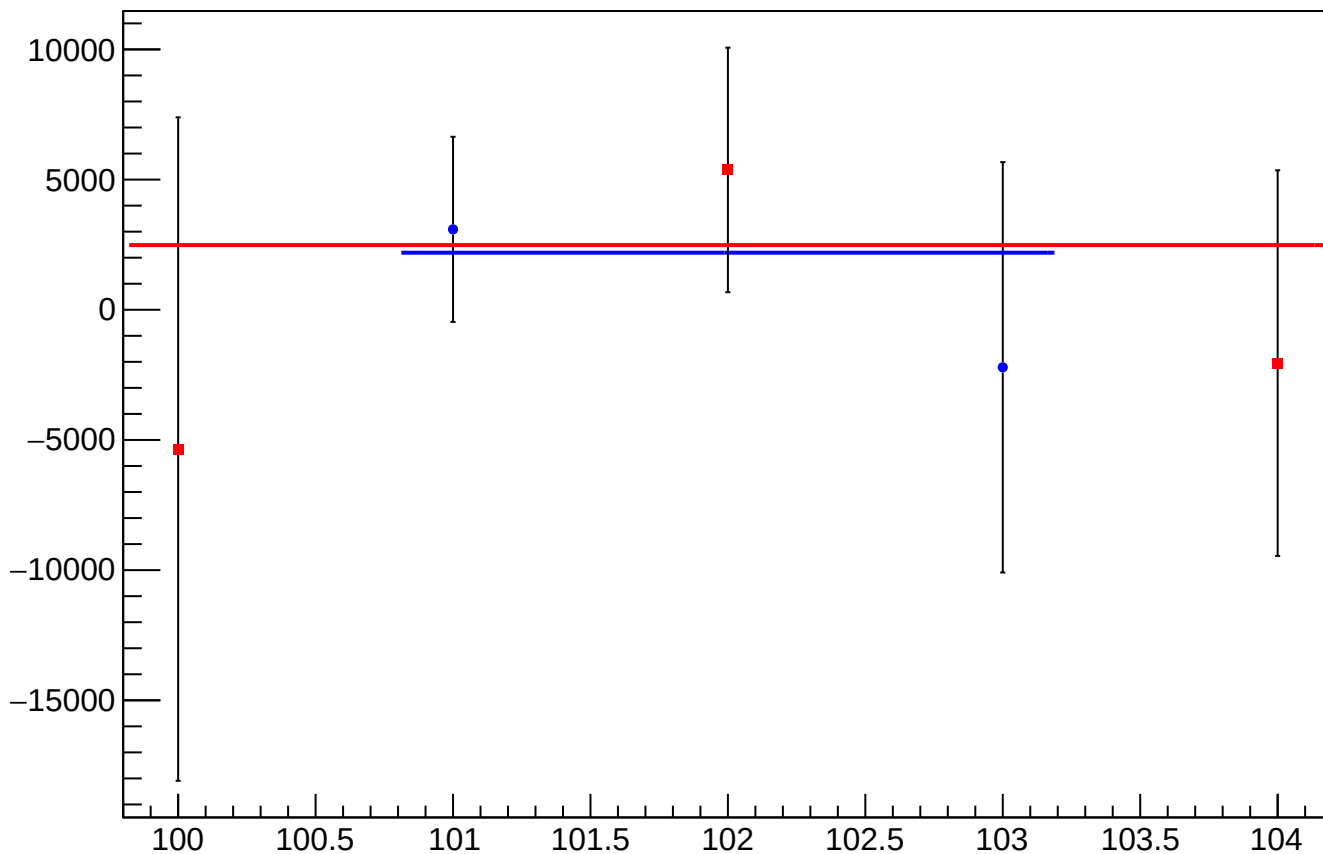
Right: 1380.160+/-0.789 χ^2/NDF : 1879245.5/4

In: 1141.003+/-0.858 χ^2/NDF : 709401.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1380.160+/-0.789 χ^2/NDF : 1879245.5/4

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: 2484.508+/-3786.766 χ^2 /NDF: 1.1/2

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

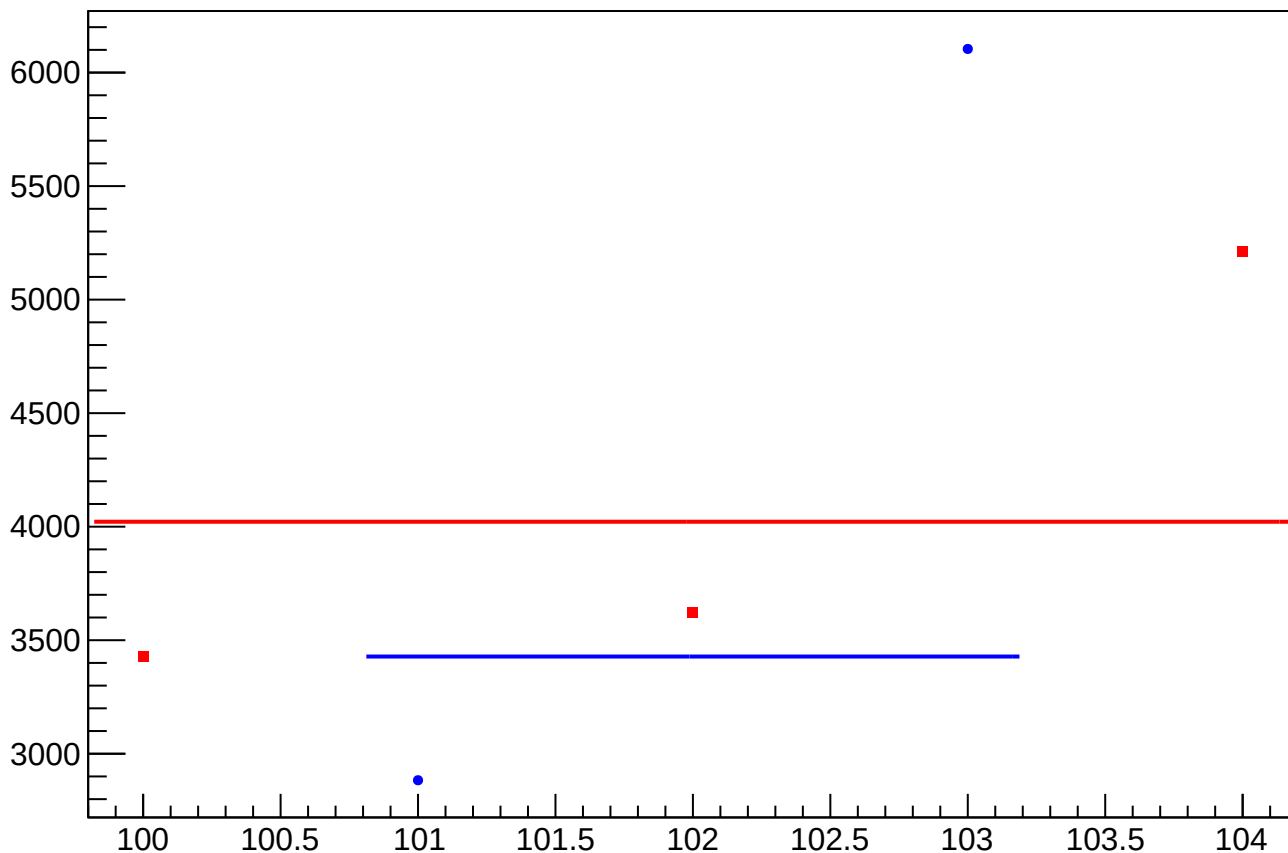
Right: 2315.862+/-2462.332 χ^2 /NDF: 1.5/4

In: 2192.318+/-3241.090 χ^2 /NDF: 0.4/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2315.862+/-2462.332 χ^2 /NDF: 1.5/4

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: 4021.770+/-2.678 χ^2/NDF : 70228.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

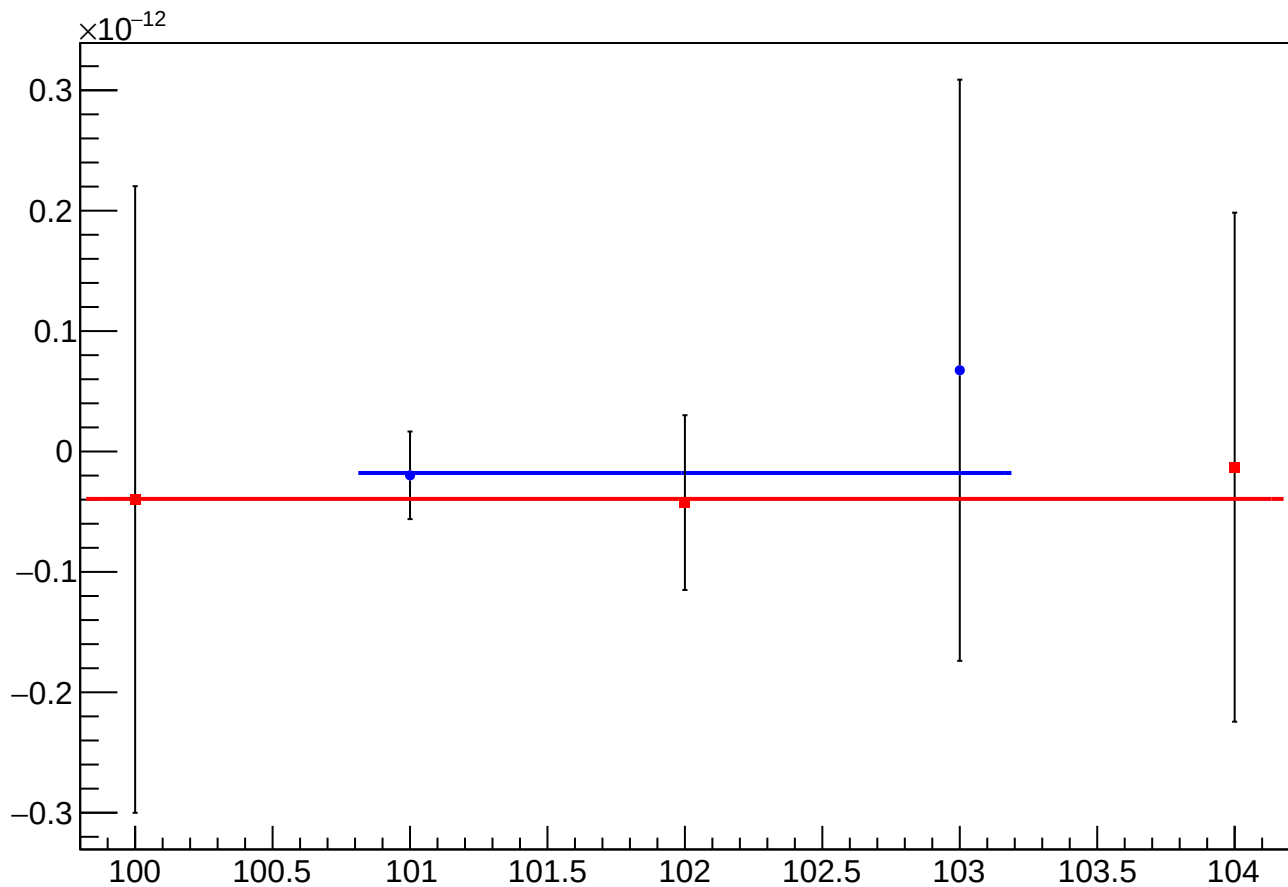
Right: 3679.127+/-1.741 χ^2/NDF : 376157.3/4

In: 3428.120+/-2.292 χ^2/NDF : 277558.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3679.127+/-1.741 χ^2/NDF : 376157.3/4

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 : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

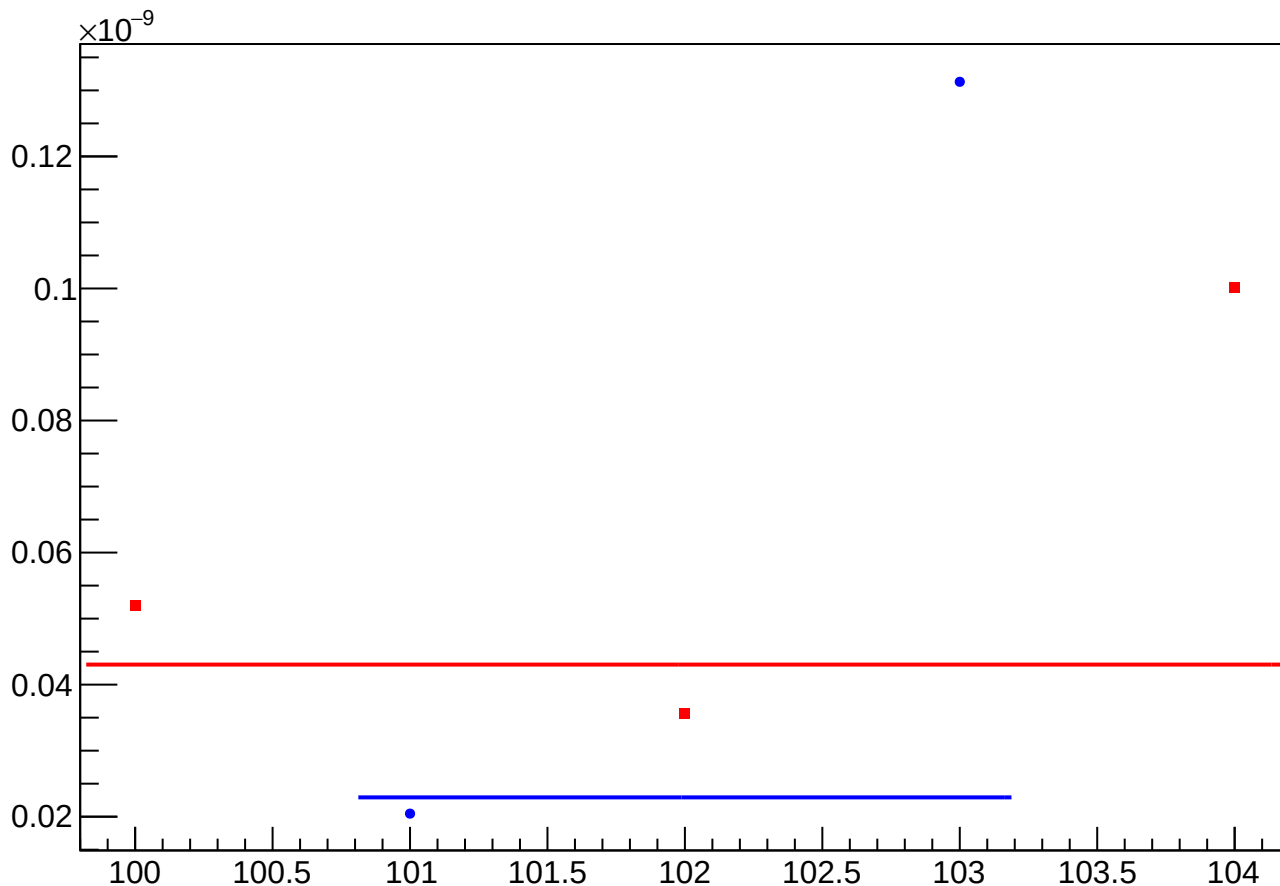
Right: -0.000+/-0.000 χ^2/NDF : 0.2/4

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 : 0.2/4

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 : 169184.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

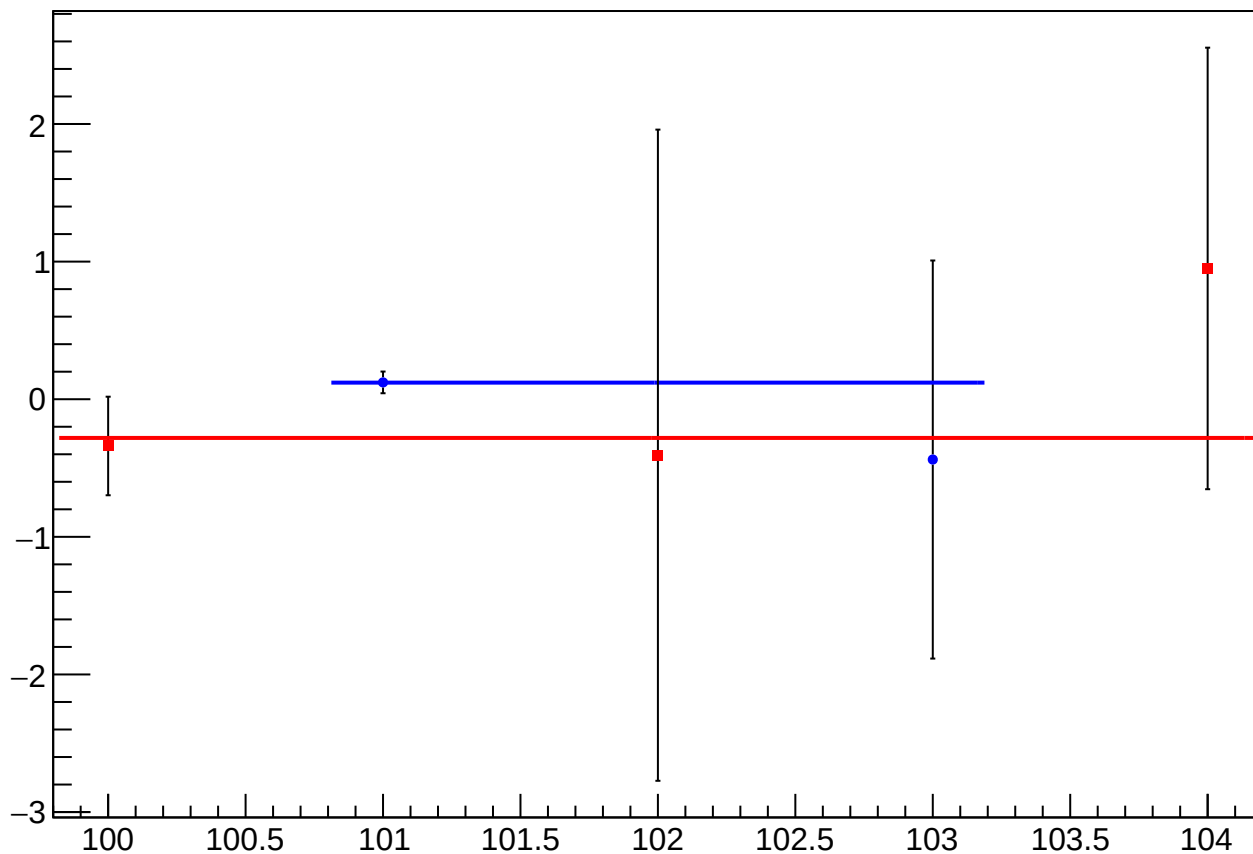
Right: 0.000+/-0.000 χ^2/NDF : 723698.9/4

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 : 723698.9/4

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: -0.281+/-0.346 χ^2 /NDF: 0.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

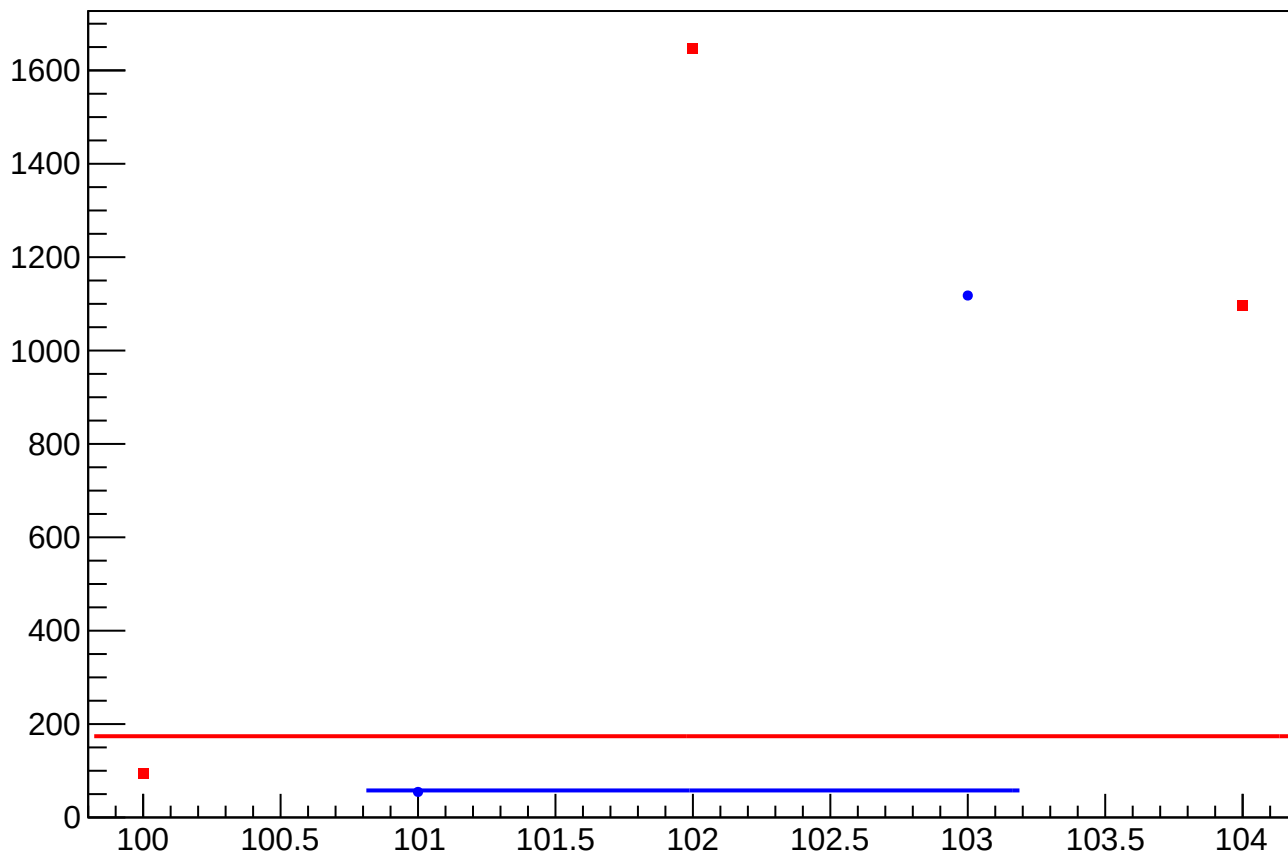
Right: 0.101+/-0.077 χ^2 /NDF: 2.1/4

In: 0.121+/-0.079 χ^2 /NDF:0.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.101+/-0.077 χ^2 /NDF: 2.1/4

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: 173.983+/-0.244 χ^2/NDF : 1535061.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

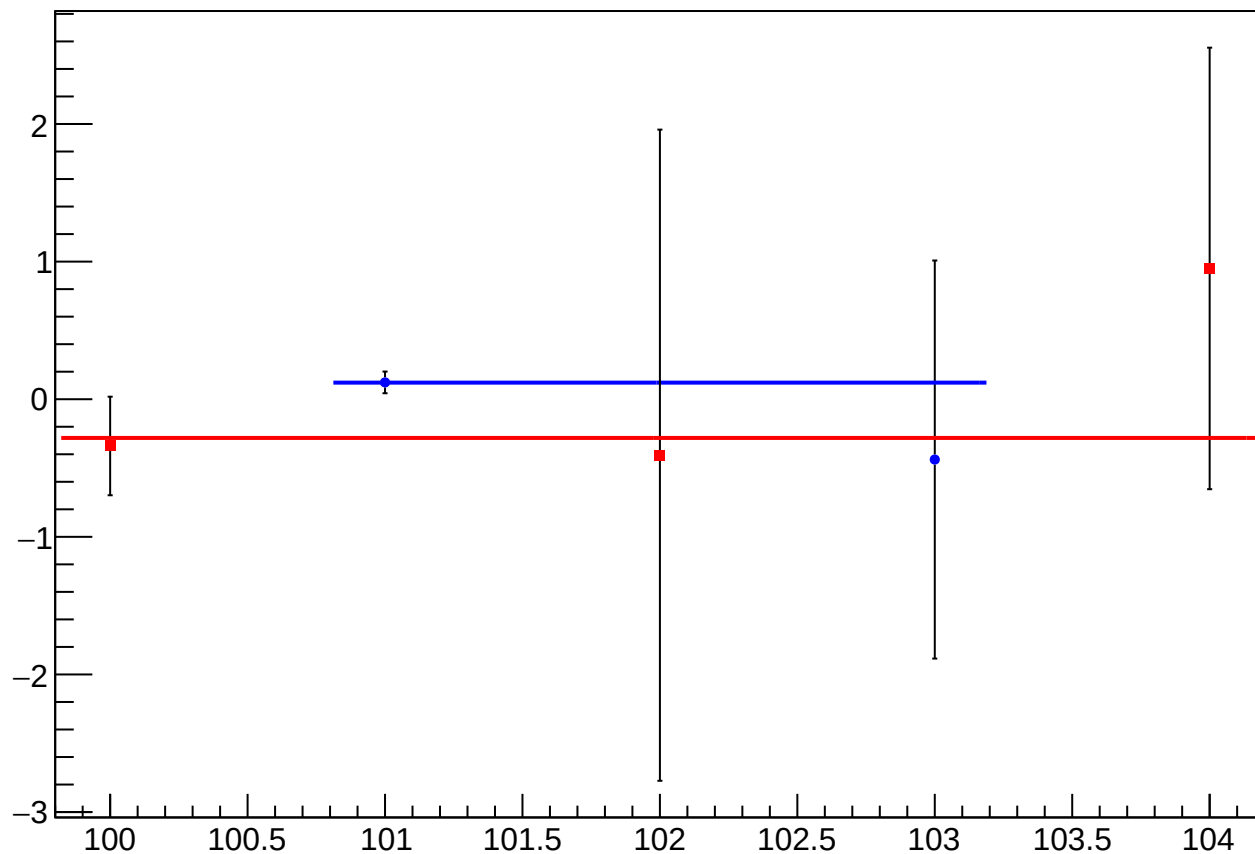
Right: 63.560+/-0.054 χ^2/NDF : 2827140.3/4

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.560+/-0.054 χ^2/NDF : 2827140.3/4

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: -0.281+/-0.346 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

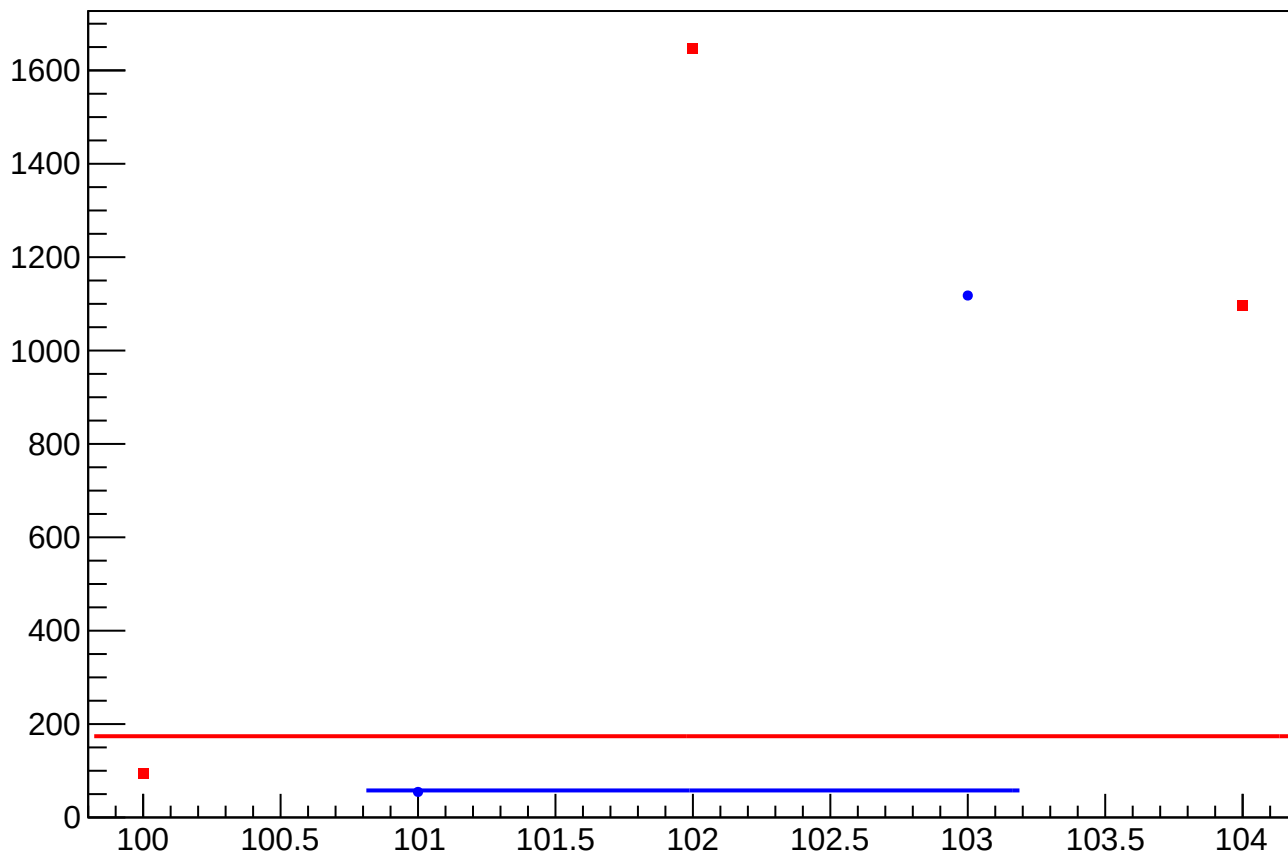
Right: 0.101+/-0.077 χ^2/NDF : 2.1/4

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.101+/-0.077 χ^2/NDF : 2.1/4

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: 173.983+/-0.244 χ^2/NDF : 1535061.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

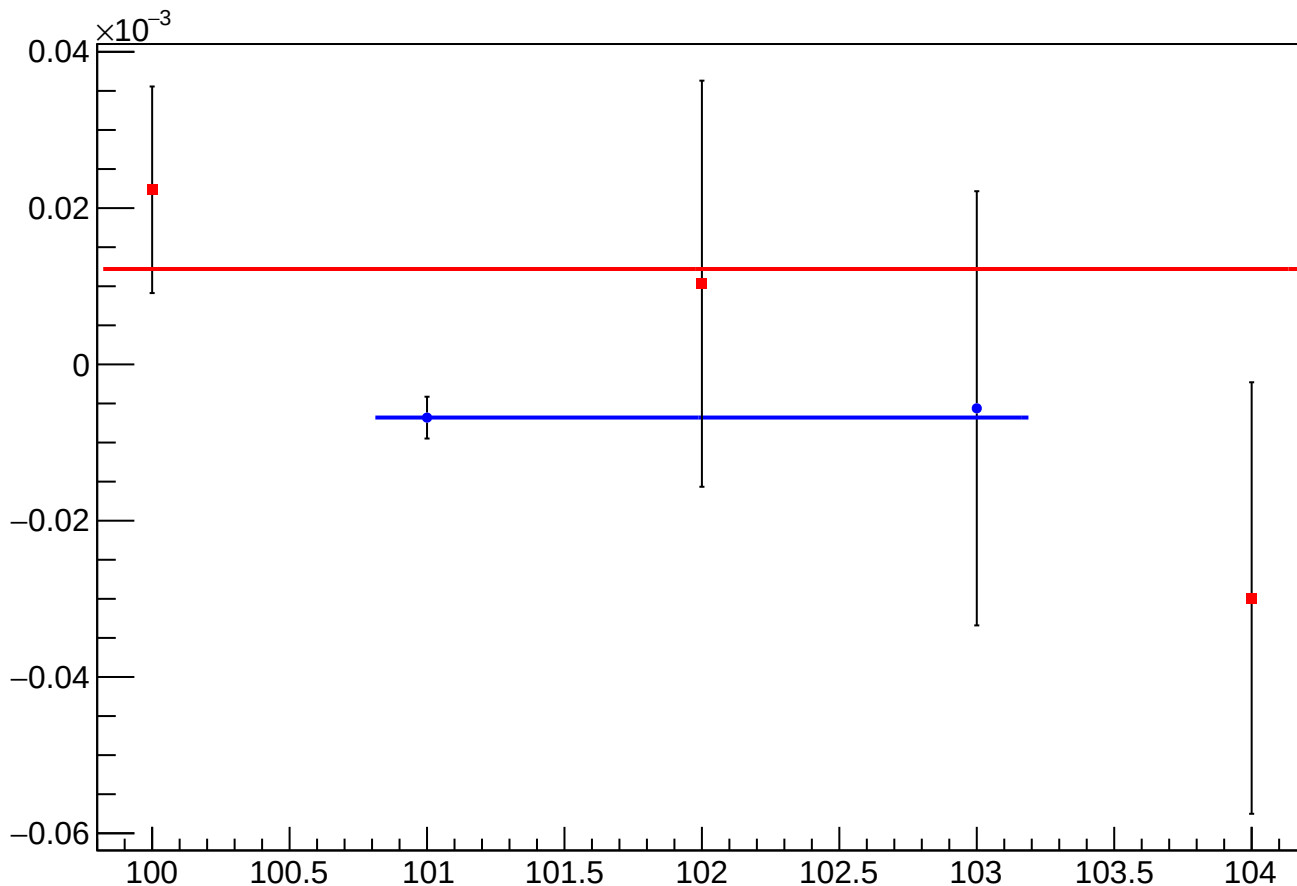
Right: 63.560+/-0.054 χ^2/NDF : 2827140.3/4

In: 57.843+/-0.056 χ^2/NDF : 1077504.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.560+/-0.054 χ^2/NDF : 2827140.3/4

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: 2.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

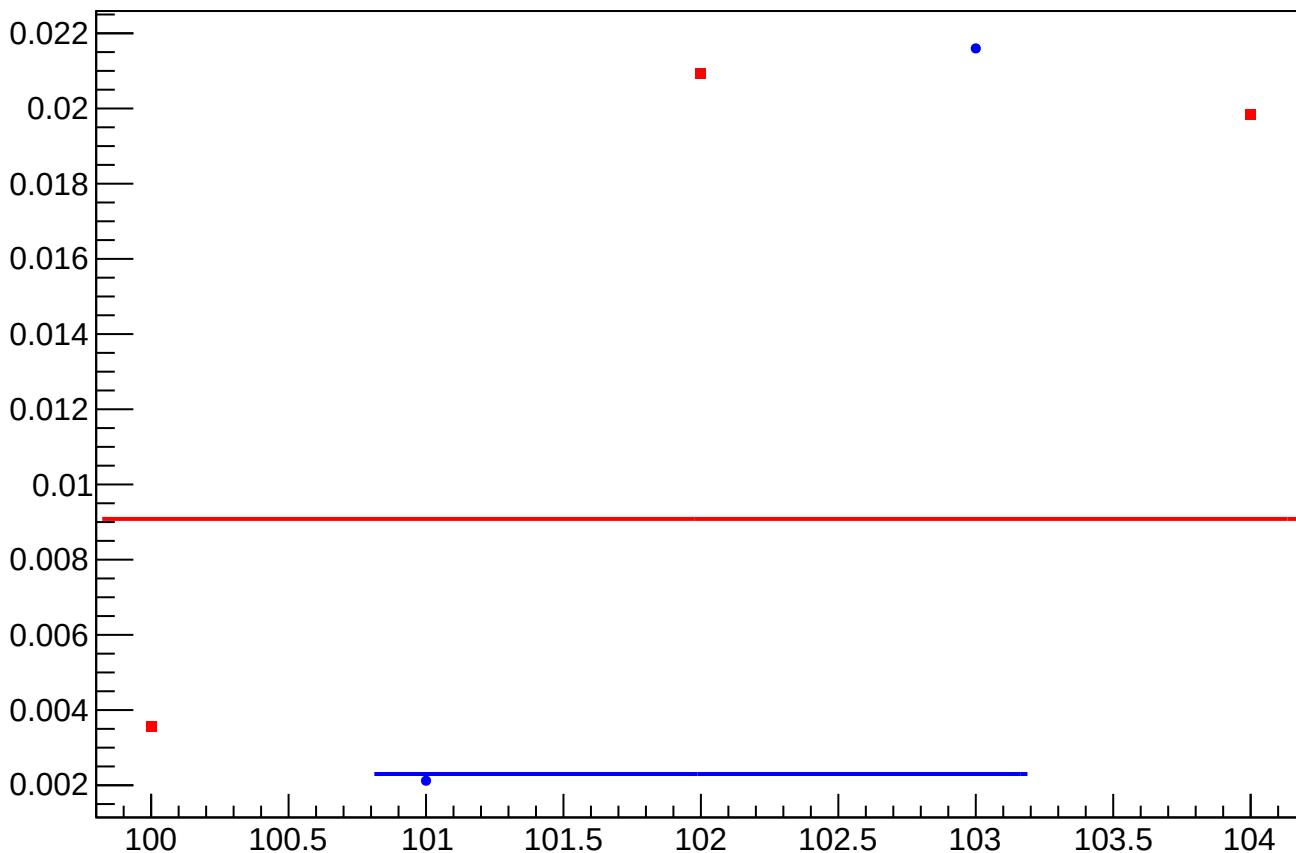
Right: -0.000+/-0.000 χ^2 /NDF: 5.8/4

In: -0.000+/-0.000 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.8/4

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: 0.009+/-0.000 χ^2/NDF : 1067718.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

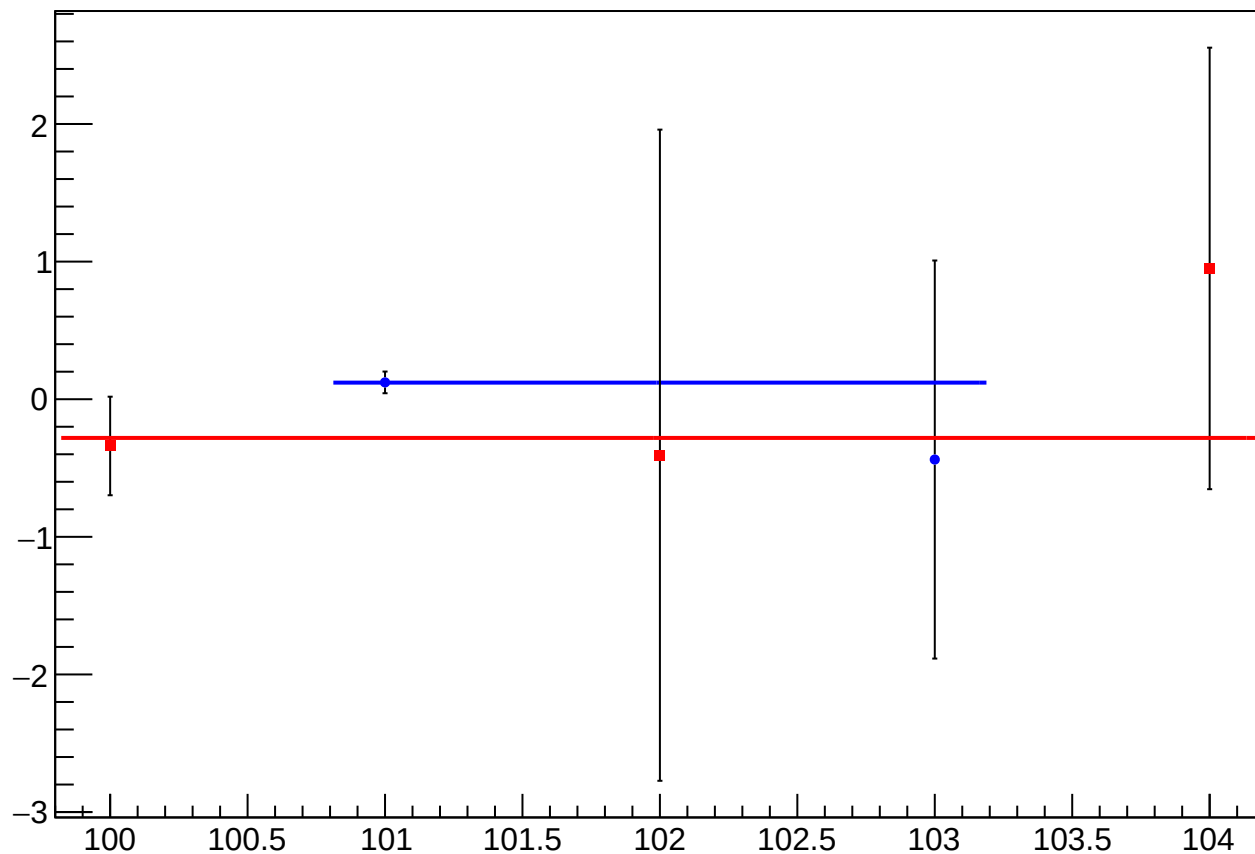
Right: 0.003+/-0.000 χ^2/NDF : 2781240.3/4

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 : 2781240.3/4

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: -0.281+/-0.346 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

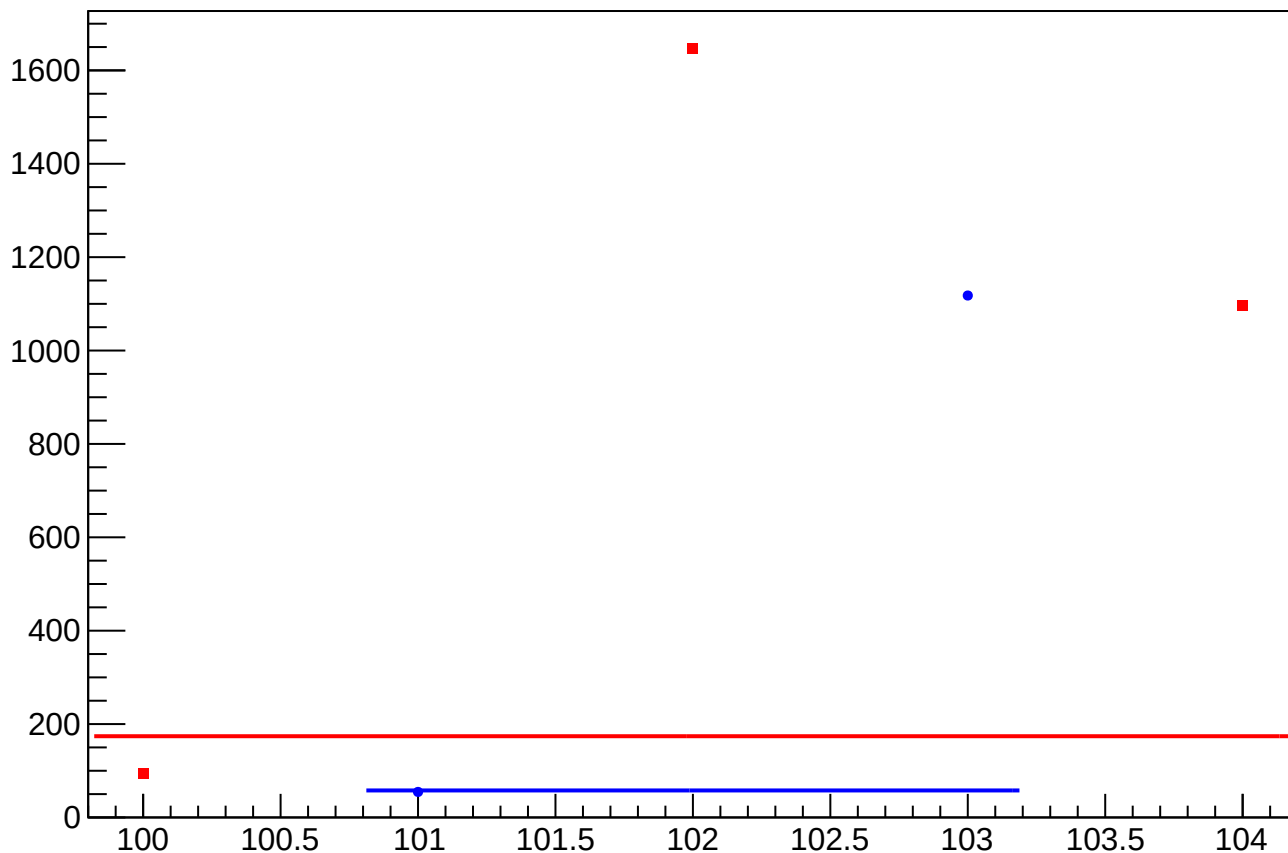
Right: 0.101+/-0.077 χ^2/NDF : 2.1/4

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.101+/-0.077 χ^2/NDF : 2.1/4

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: 173.981 $\pm$ 0.244 χ^2 /NDF: 1535053.9/2

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

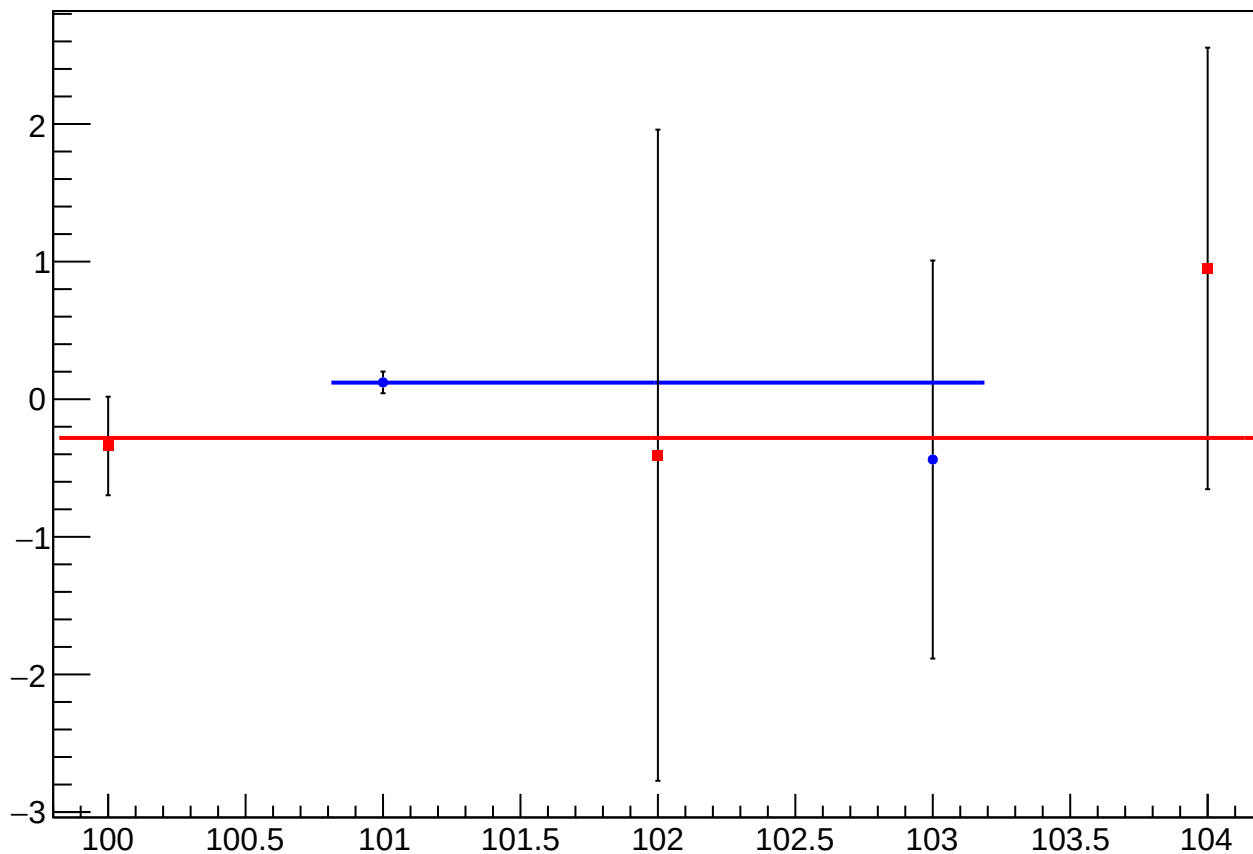
Right: 63.559 $\pm$ 0.054 χ^2 /NDF: 2827133.4/4

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: 63.559 $\pm$ 0.054 χ^2 /NDF: 2827133.4/4

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: -0.281+/-0.346 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

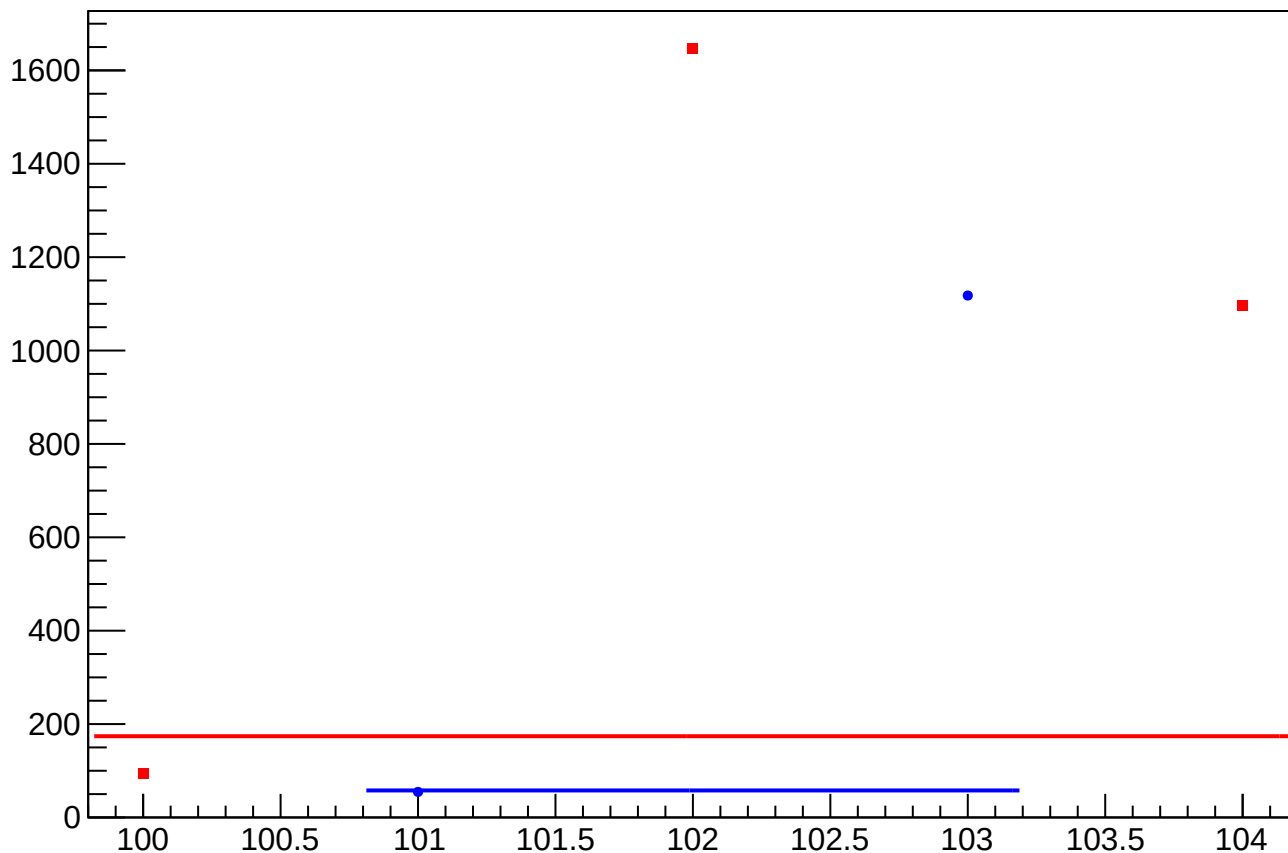
Right: 0.101+/-0.077 χ^2/NDF : 2.1/4

In: 0.121+/-0.079 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.101+/-0.077 χ^2/NDF : 2.1/4

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: 173.981+/-0.244 χ^2/NDF : 1535053.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

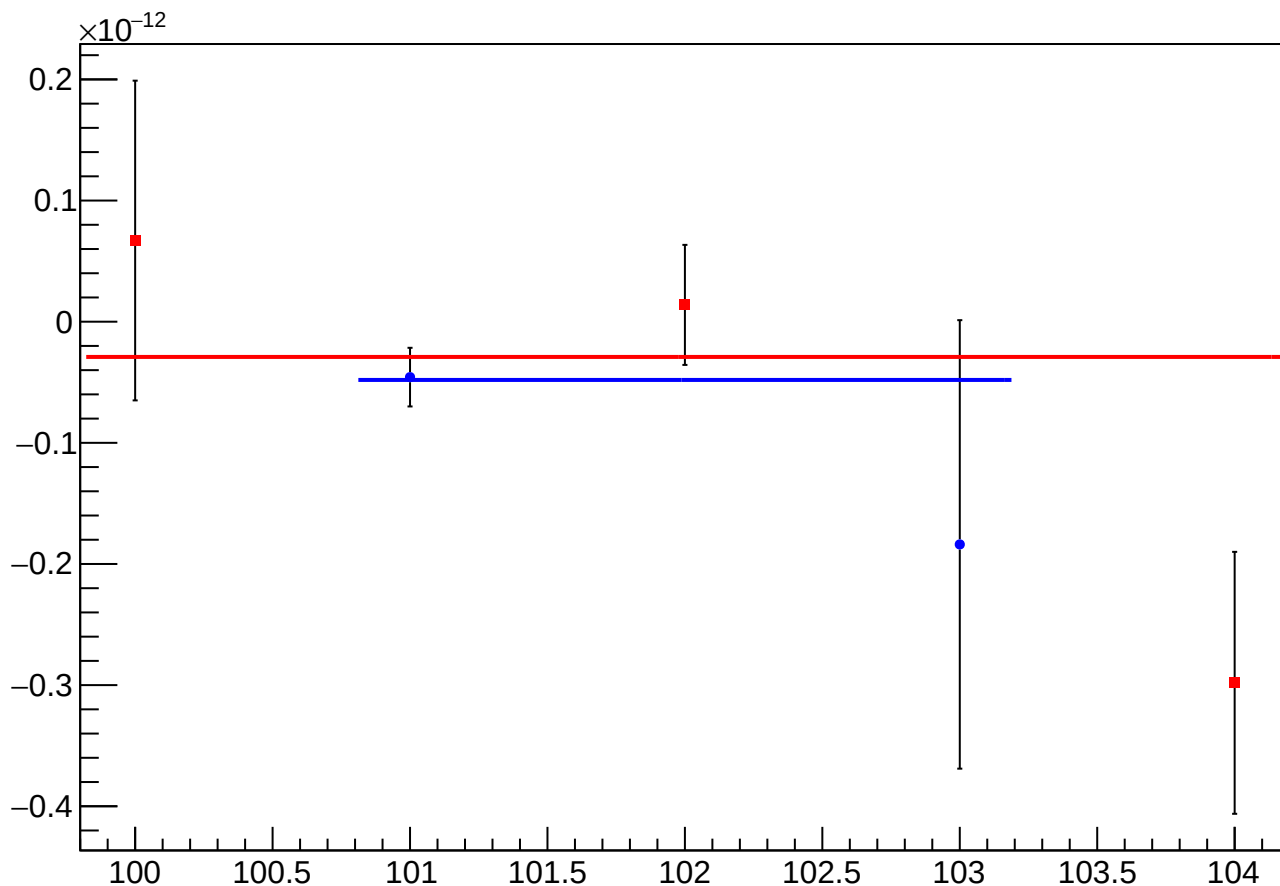
Right: 63.559+/-0.054 χ^2/NDF : 2827133.4/4

In: 57.842+/-0.056 χ^2/NDF : 1077504.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.559+/-0.054 χ^2/NDF : 2827133.4/4

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/1

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/2

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

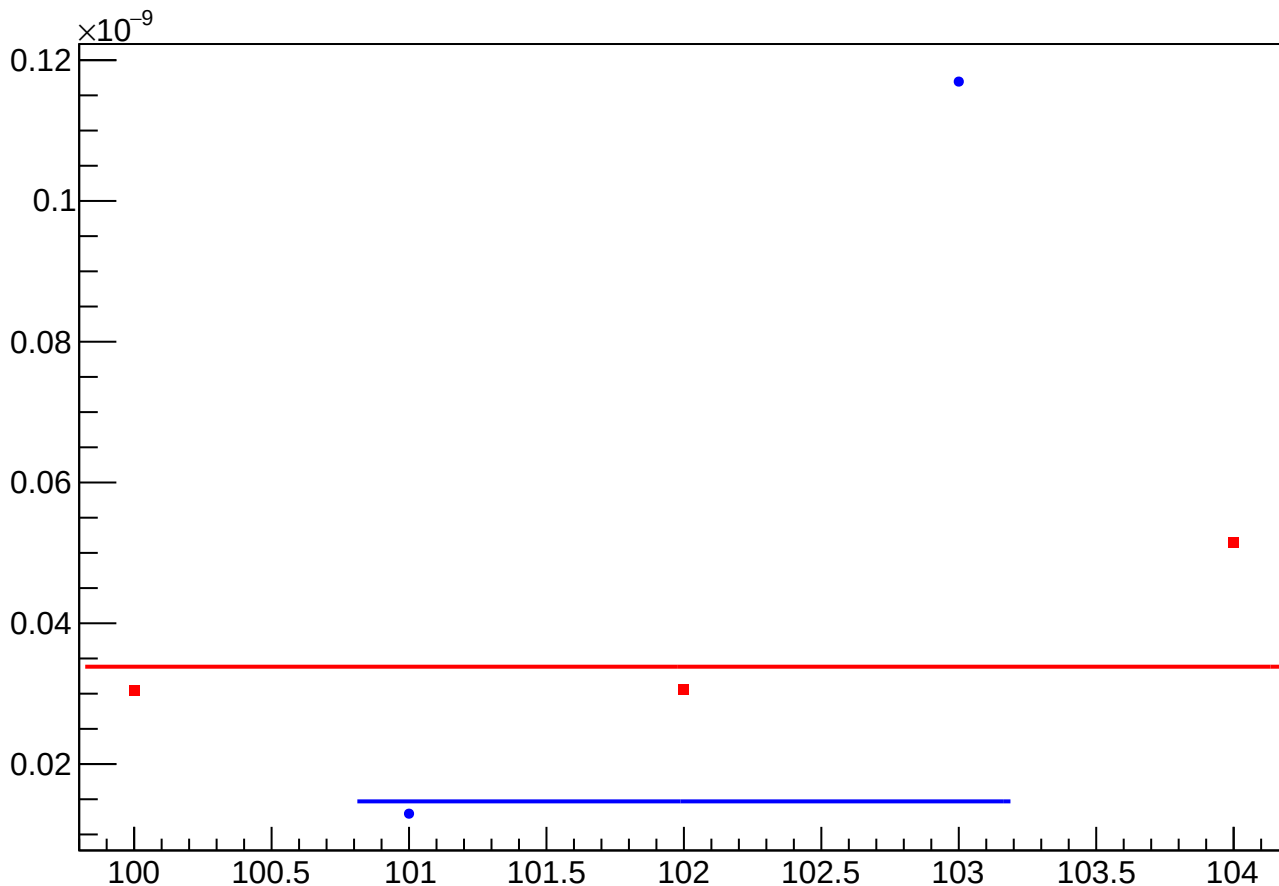
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/4

In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/1

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/4

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 : 62764.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

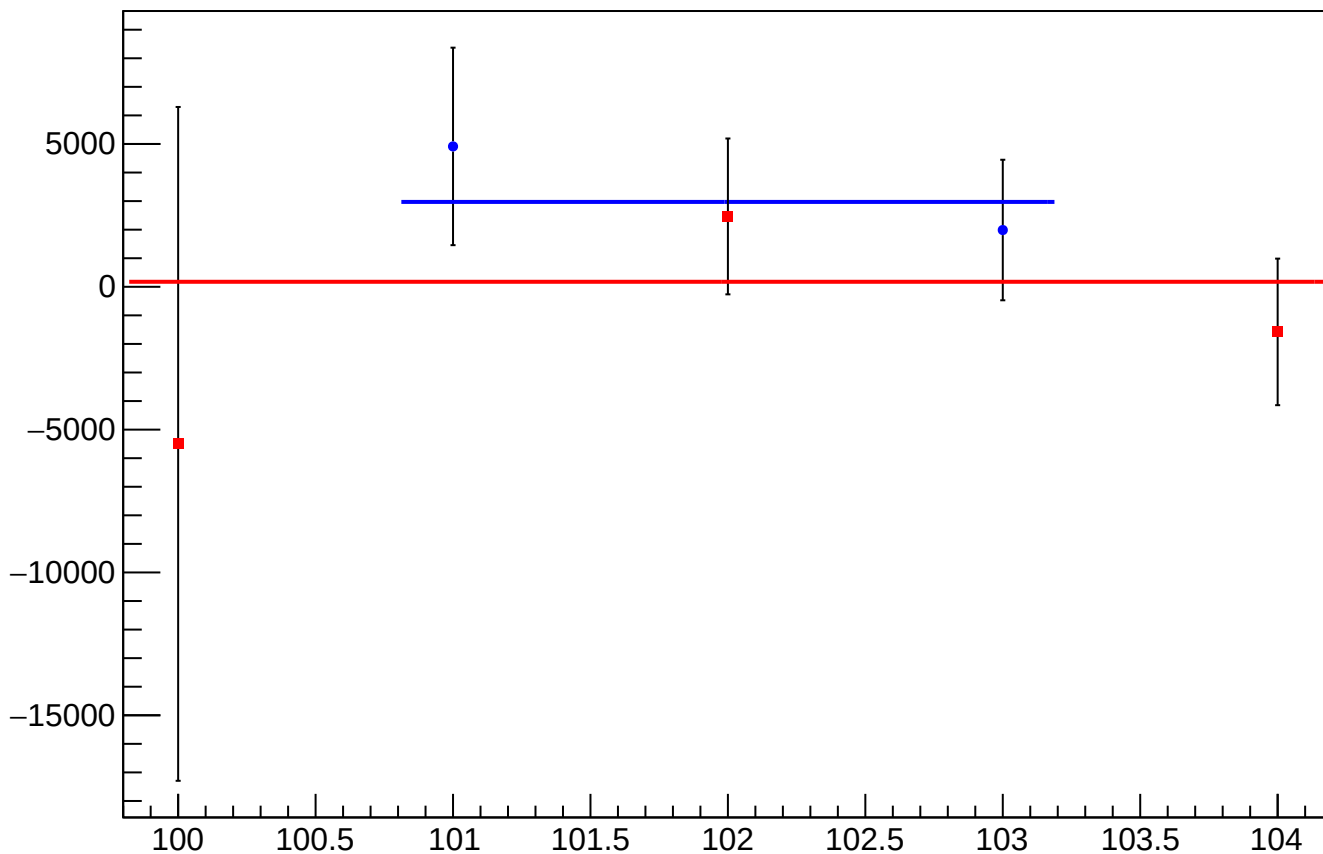
Right: 0.000+/-0.000 χ^2/NDF : 989398.8/4

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 : 989398.8/4

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: 175.817+/-1845.788 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

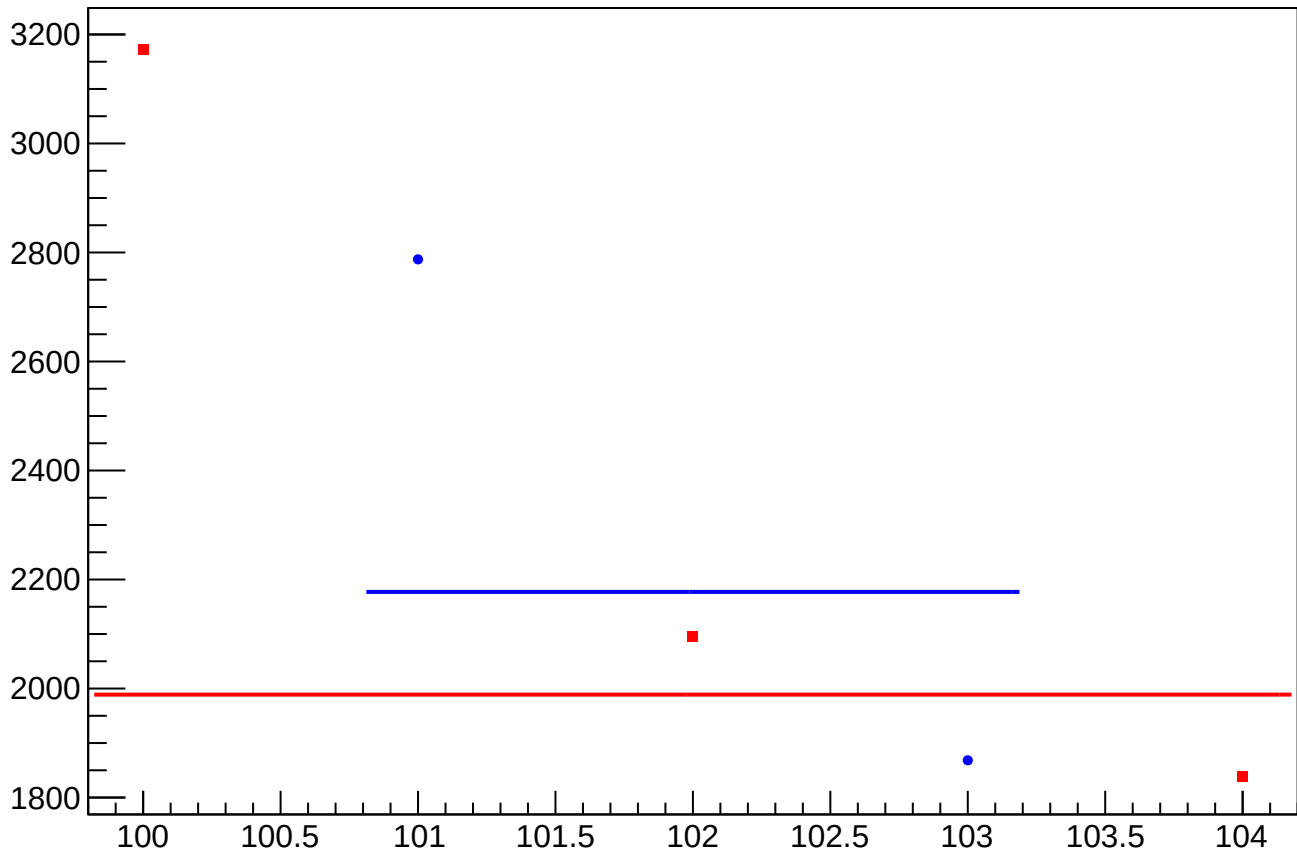
Right: 1458.790+/-1357.737 χ^2/NDF : 2.9/4

In: 2971.500+/-2004.246 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1458.790+/-1357.737 χ^2/NDF : 2.9/4

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: 1988.850+/-1.305 χ^2/NDF : 30158.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

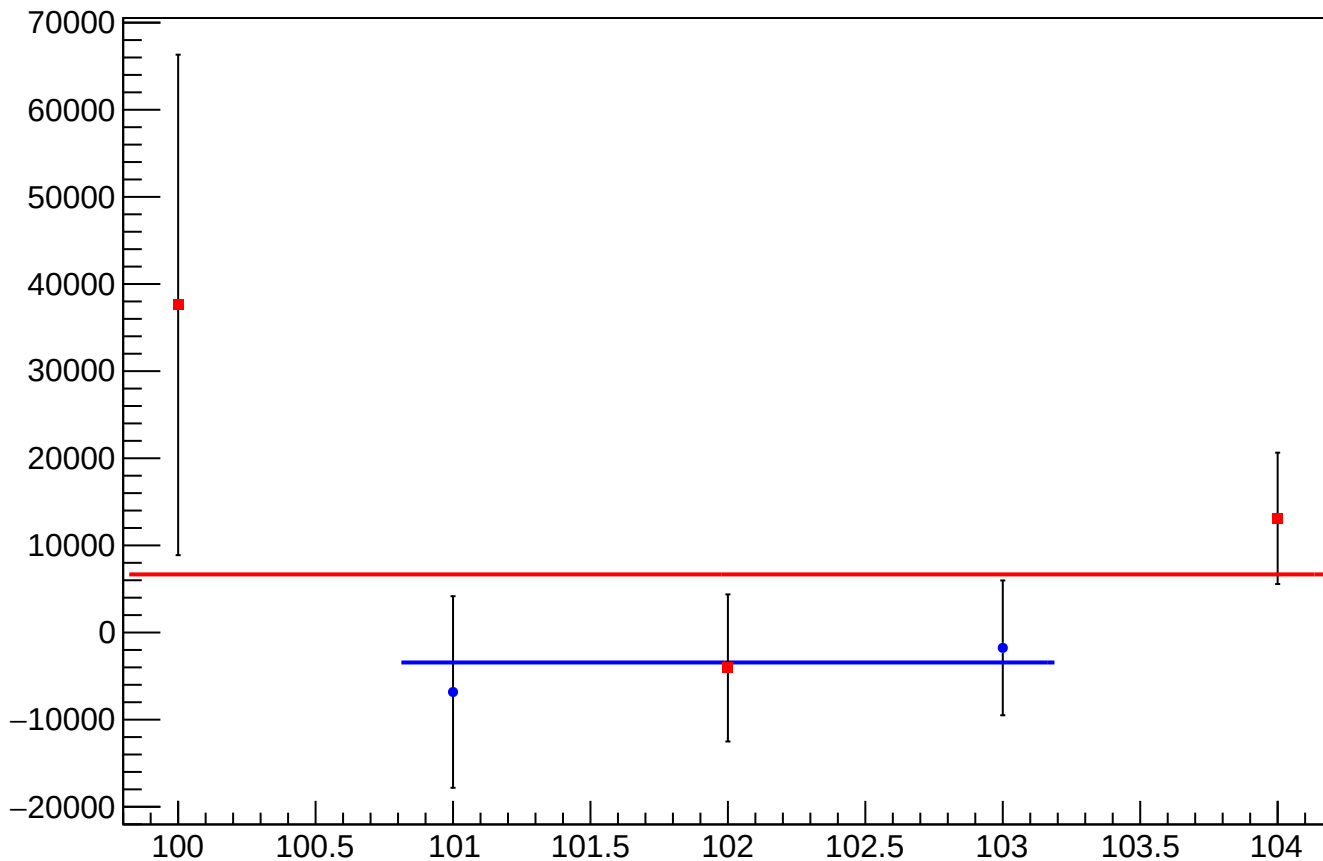
Right: 2075.333+/-0.960 χ^2/NDF : 133575.6/4

In: 2177.302+/-1.417 χ^2/NDF : 93850.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.333+/-0.960 χ^2/NDF : 133575.6/4

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: 6670.705+/-5518.233 χ^2/NDF : 3.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

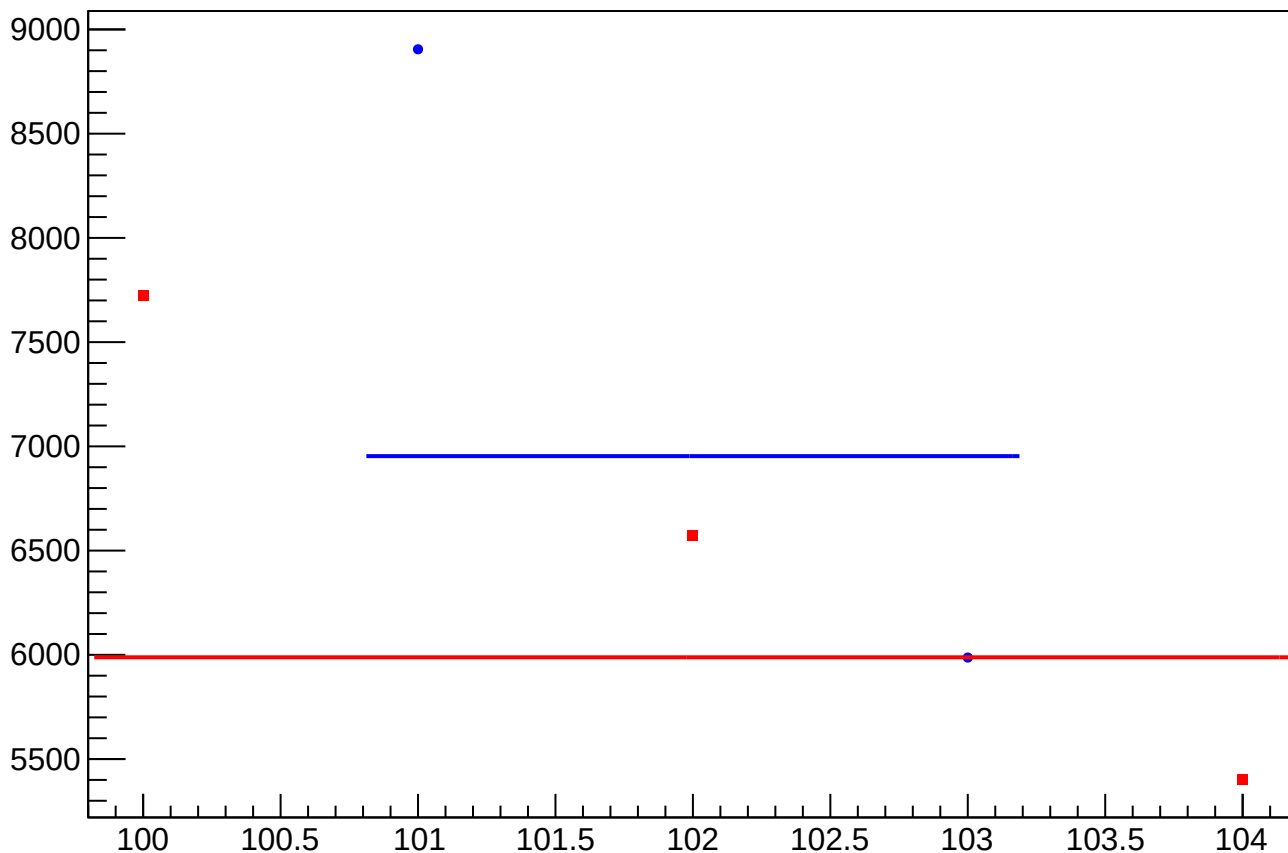
Right: 2304.363+/-4158.972 χ^2/NDF : 5.1/4

In: -3437.291+/-6327.901 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2304.363+/-4158.972 χ^2/NDF : 5.1/4

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: 5988.158+/-3.902 χ^2/NDF : 29079.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

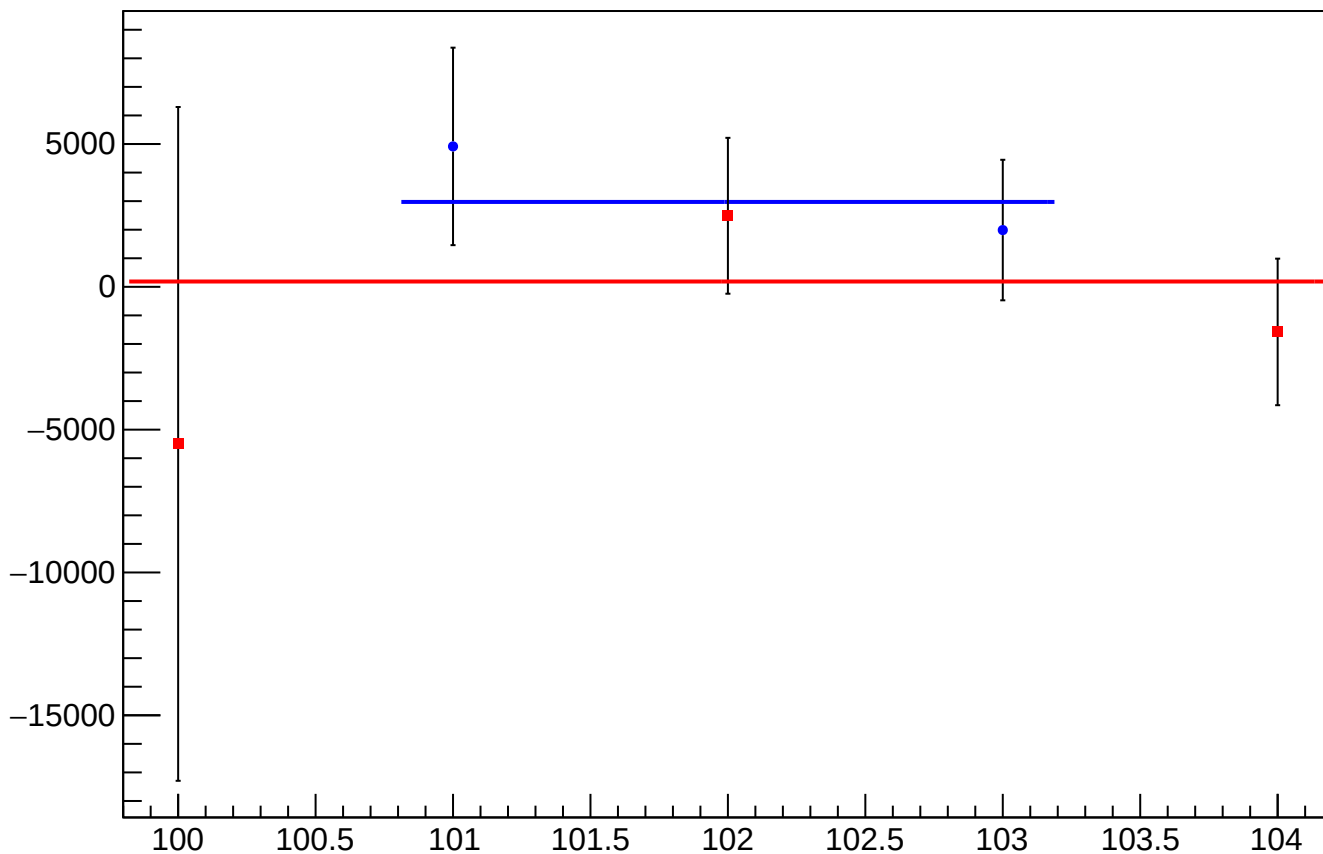
Right: 6405.038+/-2.941 χ^2/NDF : 149691.4/4

In: 6953.228+/-4.475 χ^2/NDF : 94188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6405.038+/-2.941 χ^2/NDF : 149691.4/4

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: 186.532+/-1845.899 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

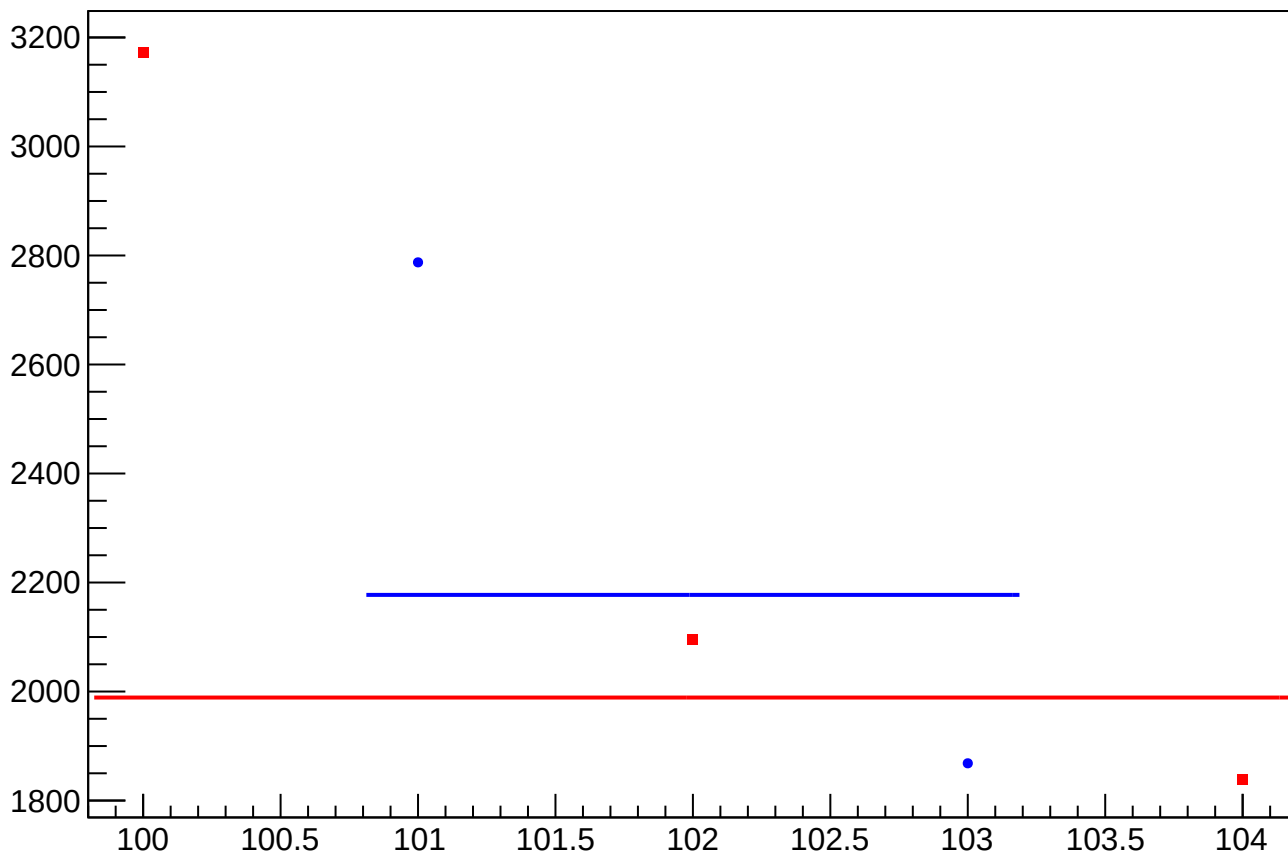
Right: 1464.969+/-1357.781 χ^2/NDF : 2.9/4

In: 2972.152+/-2004.246 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.969+/-1357.781 χ^2/NDF : 2.9/4

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: 1988.975+/-1.305 χ^2/NDF : 30174.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

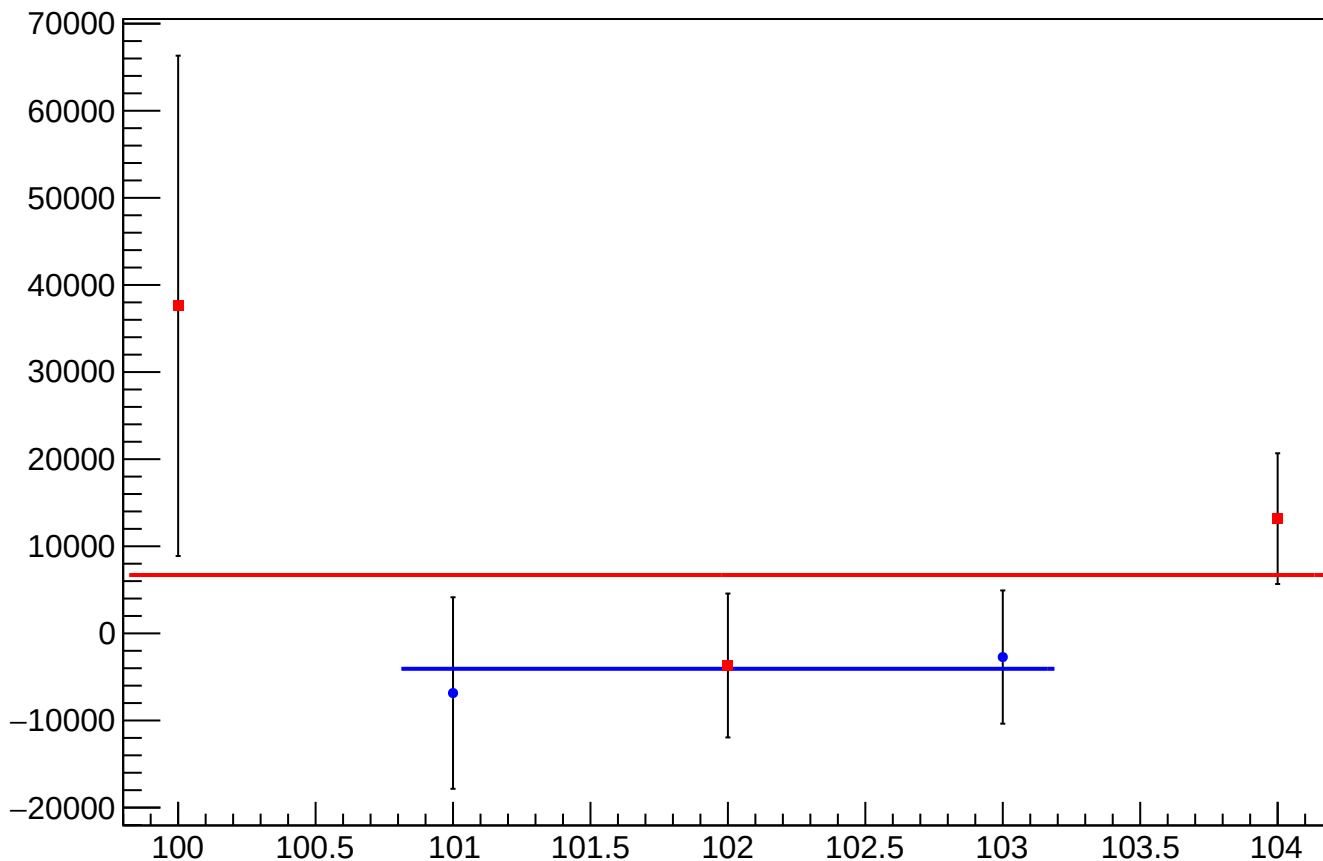
Right: 2075.405+/-0.960 χ^2/NDF : 133578.8/4

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.405+/-0.960 χ^2/NDF : 133578.8/4

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: 6702.811+/-5453.657 χ^2/NDF : 3.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

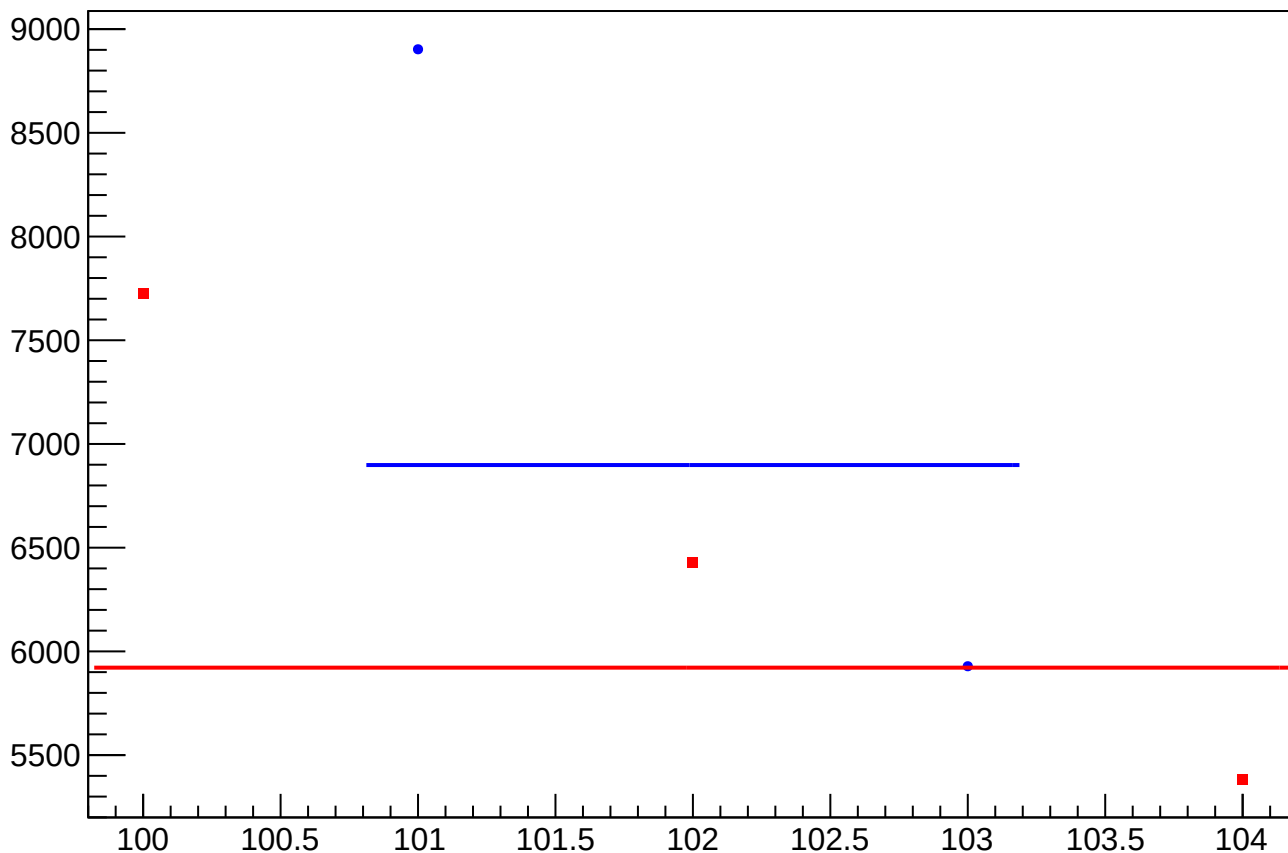
Right: 2071.923+/-4117.157 χ^2/NDF : 5.3/4

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.923+/-4117.157 χ^2/NDF : 5.3/4

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: 5921.622+/-3.856 χ^2/NDF : 25724.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

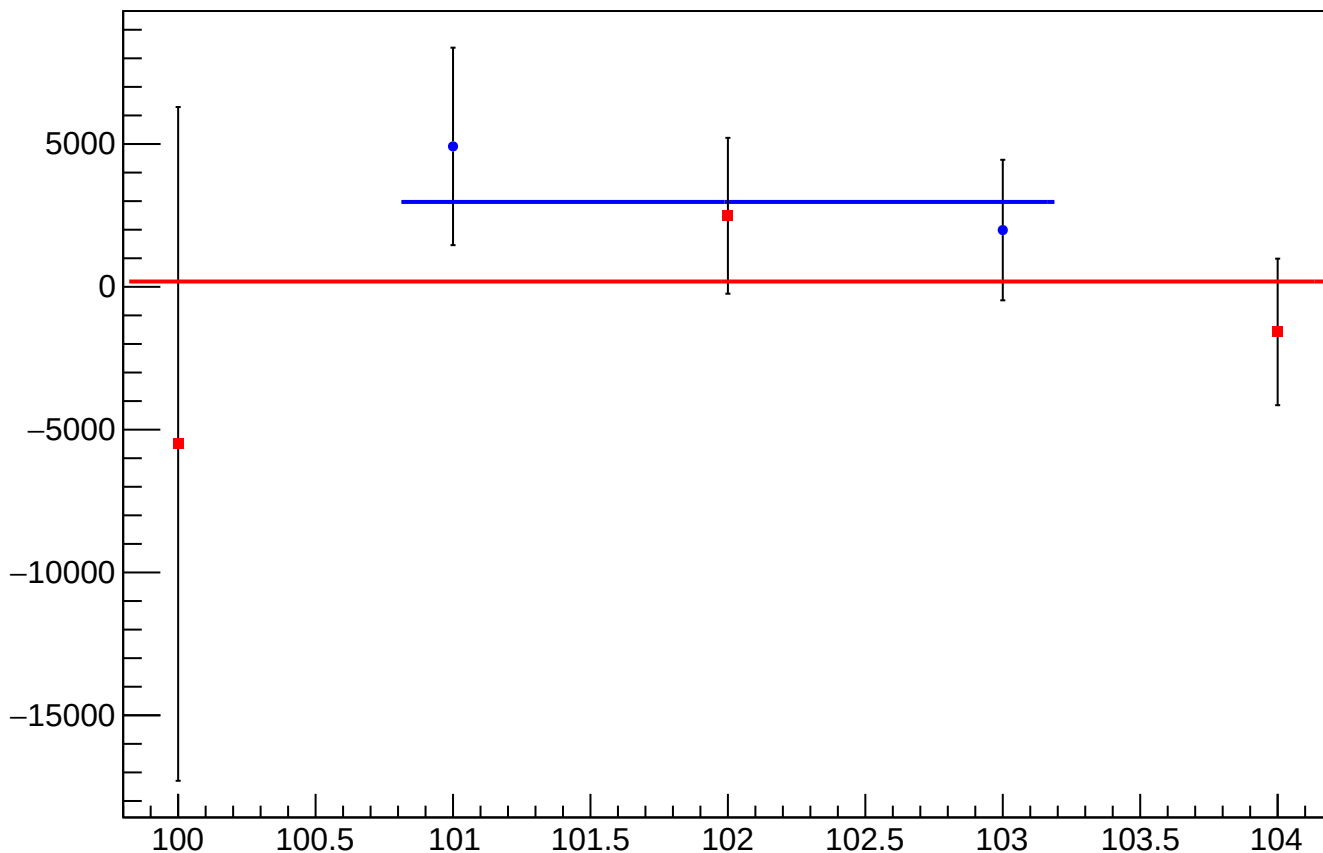
Right: 6341.707+/-2.911 χ^2/NDF : 151973.9/4

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6341.707+/-2.911 χ^2/NDF : 151973.9/4

eigen_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: 186.532 $\pm$ 1845.899 χ^2 /NDF: 1.4/2

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

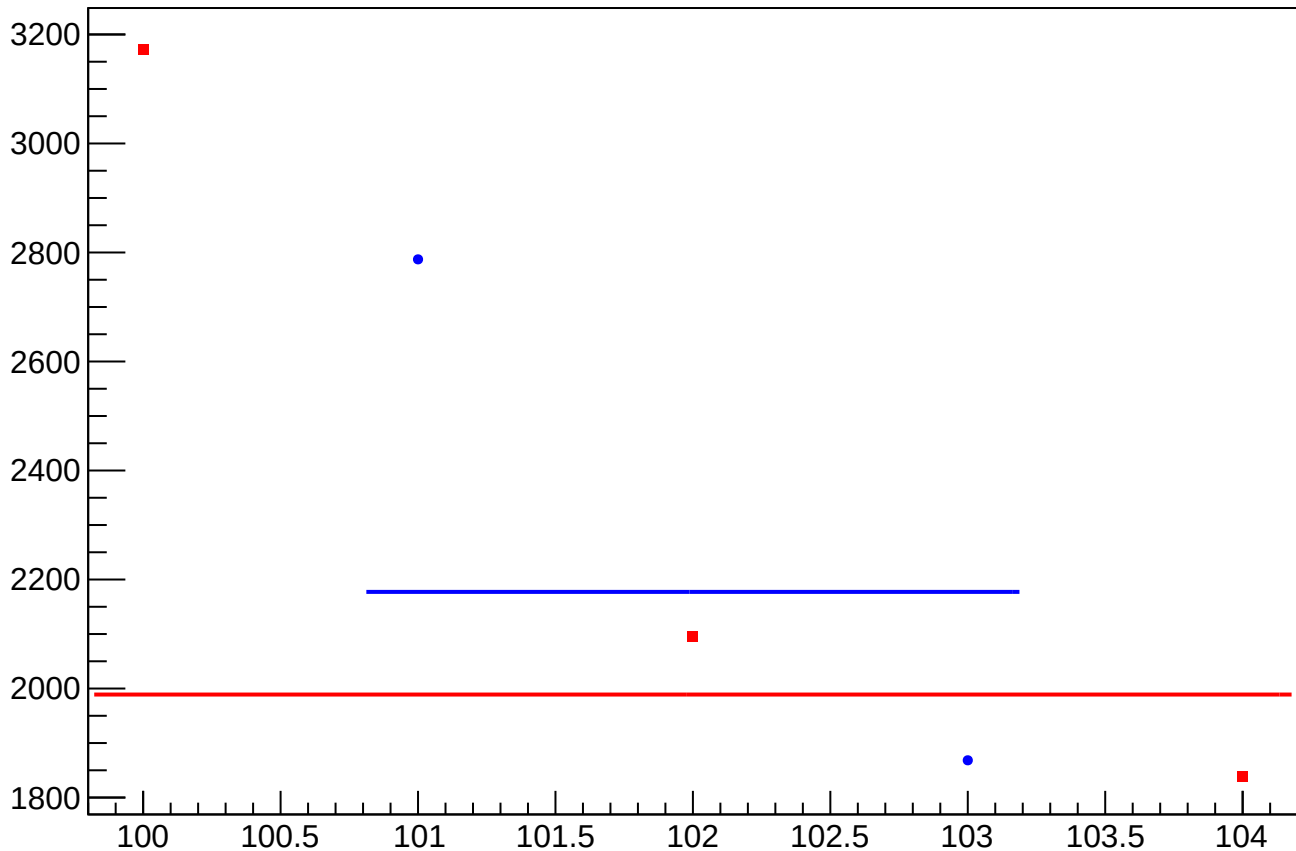
Right: 1464.969 $\pm$ 1357.781 χ^2 /NDF: 2.9/4

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: 1464.969 $\pm$ 1357.781 χ^2 /NDF: 2.9/4

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: 1988.975+/-1.305 χ^2/NDF : 30174.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

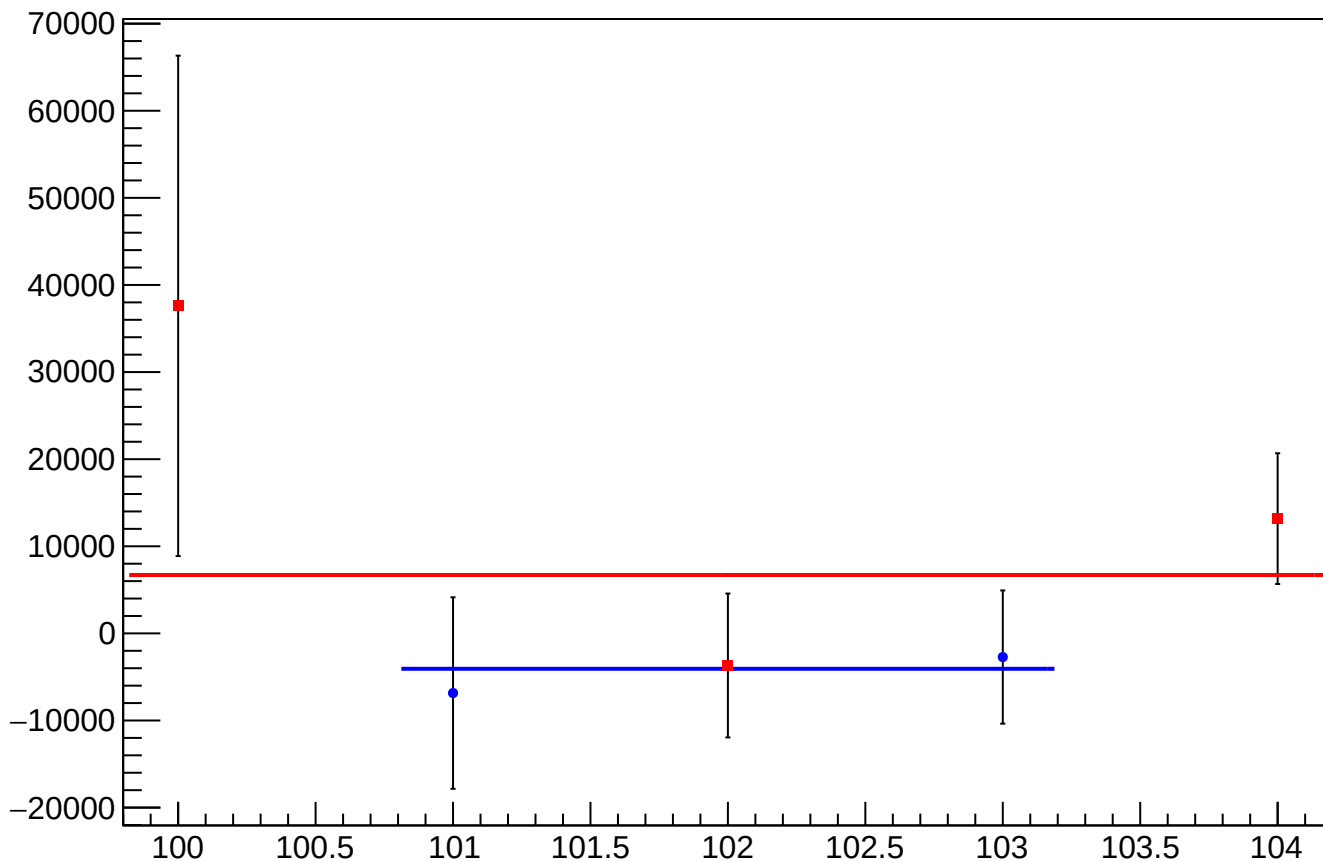
Right: 2075.405+/-0.960 χ^2/NDF : 133578.8/4

In: 2177.301+/-1.417 χ^2/NDF : 93849.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.405+/-0.960 χ^2/NDF : 133578.8/4

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: 6702.811+/-5453.657 χ^2/NDF : 3.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

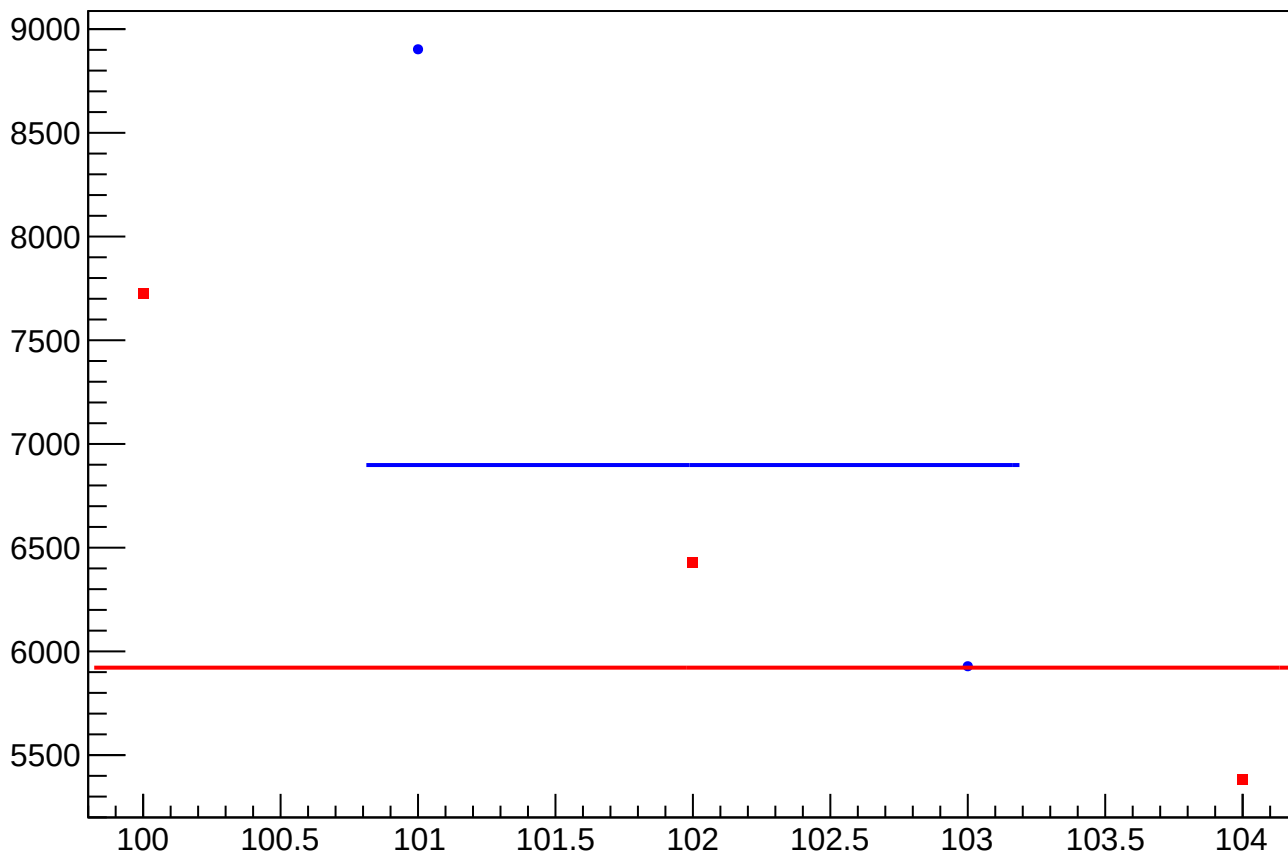
Right: 2071.923+/-4117.157 χ^2/NDF : 5.3/4

In: -4064.869+/-6278.073 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.923+/-4117.157 χ^2/NDF : 5.3/4

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: 5921.622+/-3.856 χ^2/NDF : 25724.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

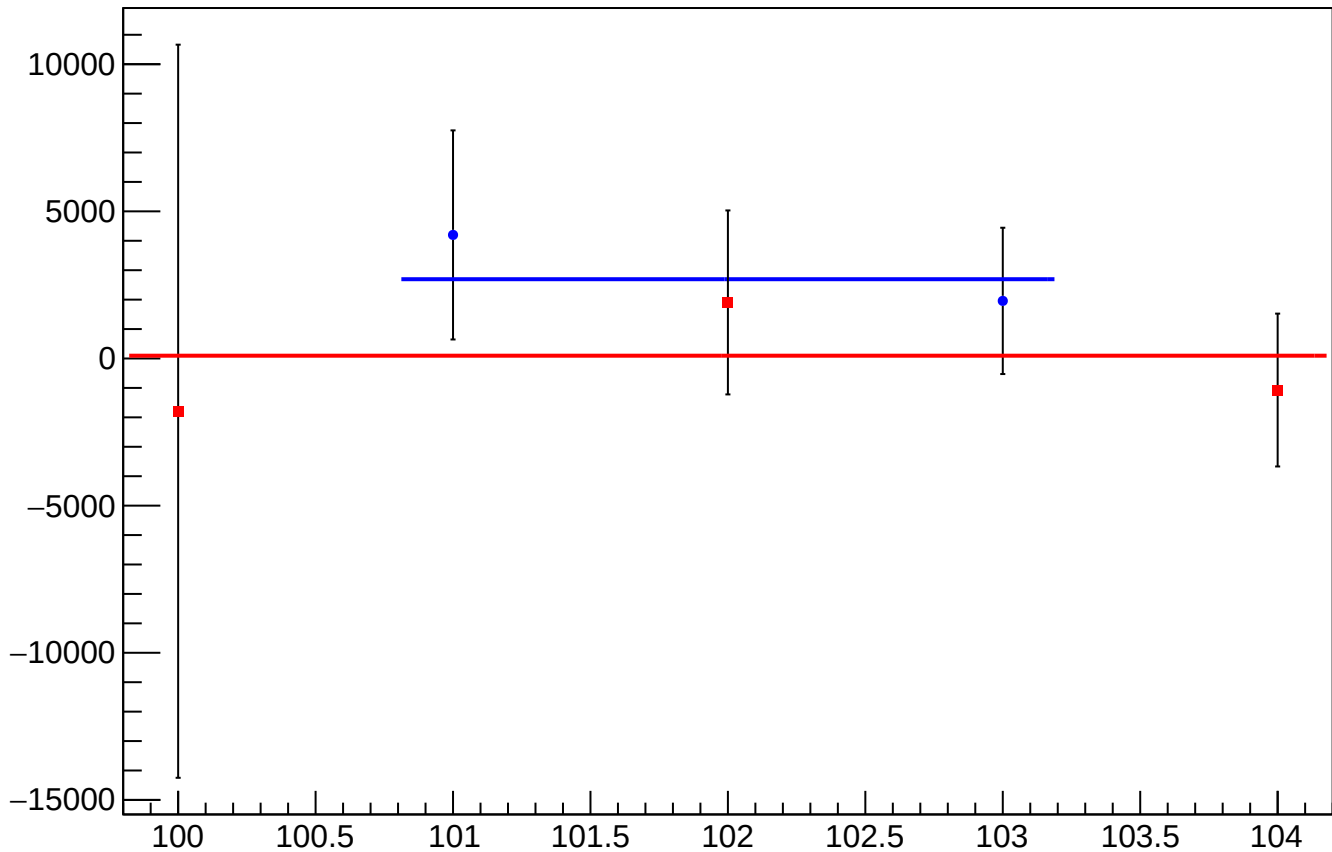
Right: 6341.707+/-2.911 χ^2/NDF : 151973.9/4

In: 6898.399+/-4.439 χ^2/NDF : 98657.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6341.707+/-2.911 χ^2/NDF : 151973.9/4

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2693.954 $\pm$ 2036.596 χ^2 /NDF: 0.3/1

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

Right Out: 94.970 $\pm$ 1972.323 χ^2 /NDF: 0.6/2

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

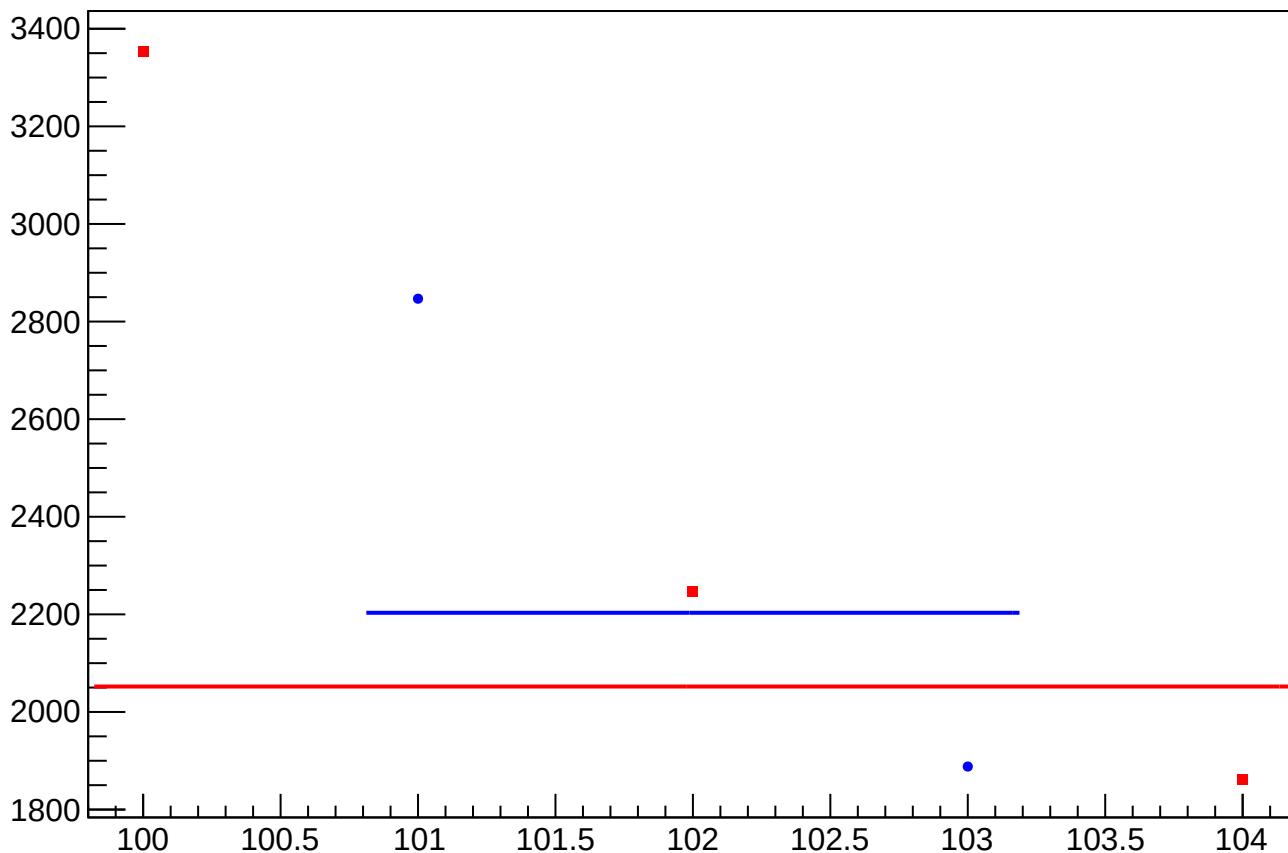
Right: 1352.804 $\pm$ 1416.821 χ^2 /NDF: 1.7/4

In: 2693.954 $\pm$ 2036.596 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1352.804 $\pm$ 1416.821 χ^2 /NDF: 1.7/4

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2203.258 $\pm$ 1.440 χ^2 /NDF: 97782.1/1

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

Right Out: 2052.133 $\pm$ 1.395 χ^2 /NDF: 40463.5/2

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

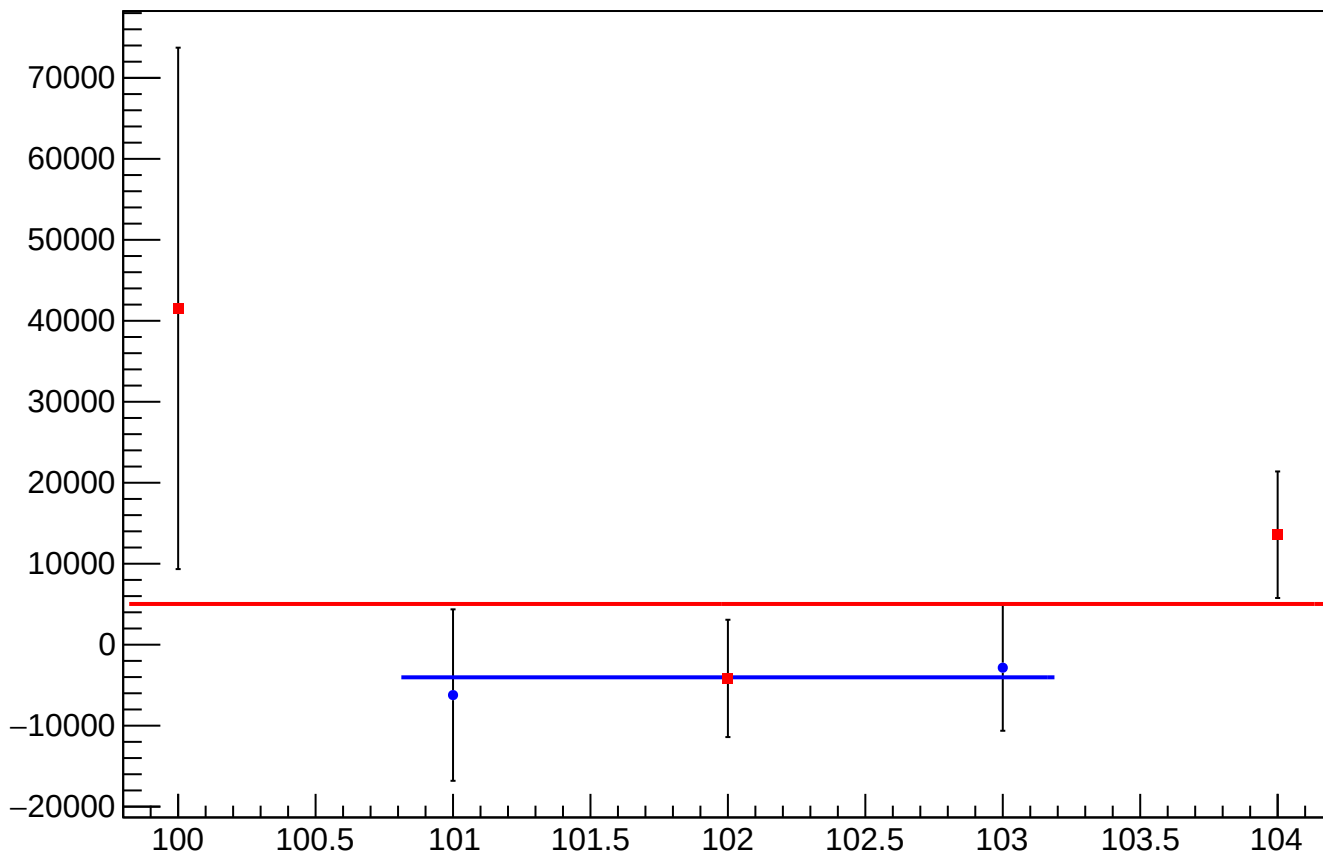
Right: 2125.273 $\pm$ 1.002 χ^2 /NDF: 143928.5/4

In: 2203.258 $\pm$ 1.440 χ^2 /NDF: 97782.1/1

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

All: 2125.273 $\pm$ 1.002 χ^2 /NDF: 143928.5/4

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: 5029.673+/-5241.892 χ^2/NDF : 4.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

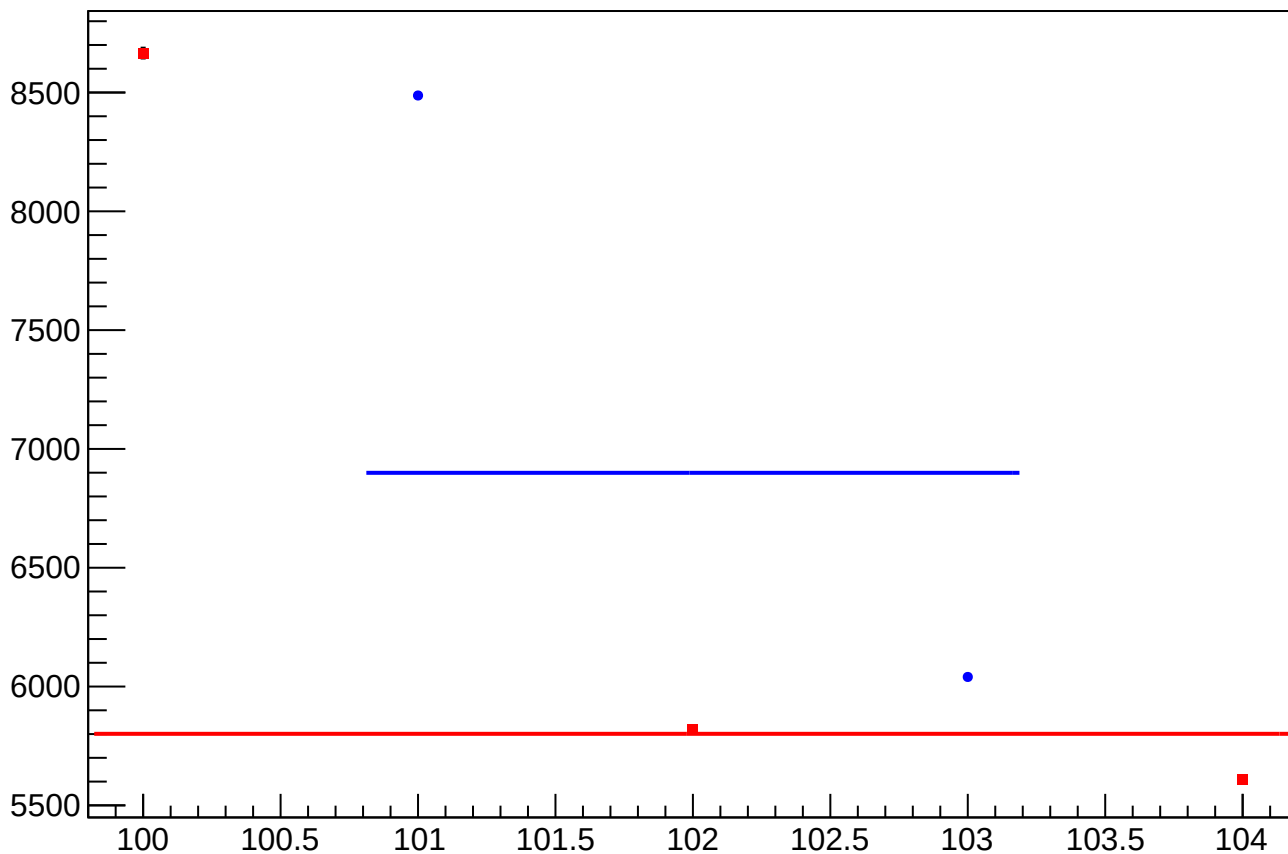
Right: 1304.887+/-4022.353 χ^2/NDF : 5.4/4

In: -4029.152+/-6272.858 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.887+/-4022.353 χ^2/NDF : 5.4/4

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: 5801.035+/-3.707 χ^2/NDF : 17059.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

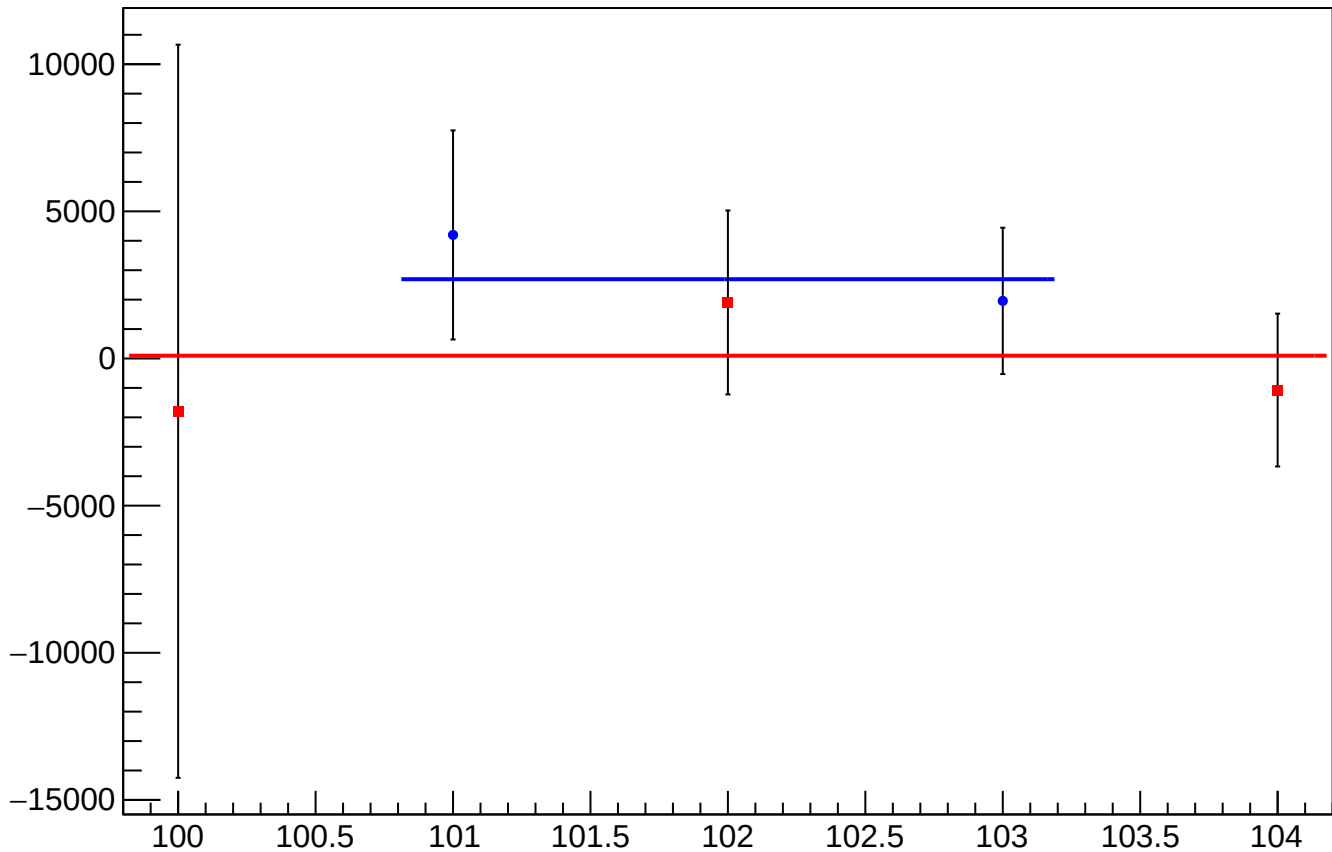
Right: 6252.683+/-2.844 χ^2/NDF : 122506.8/4

In: 6899.462+/-4.436 χ^2/NDF : 69337.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6252.683+/-2.844 χ^2/NDF : 122506.8/4

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: 94.980+/-1972.323 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

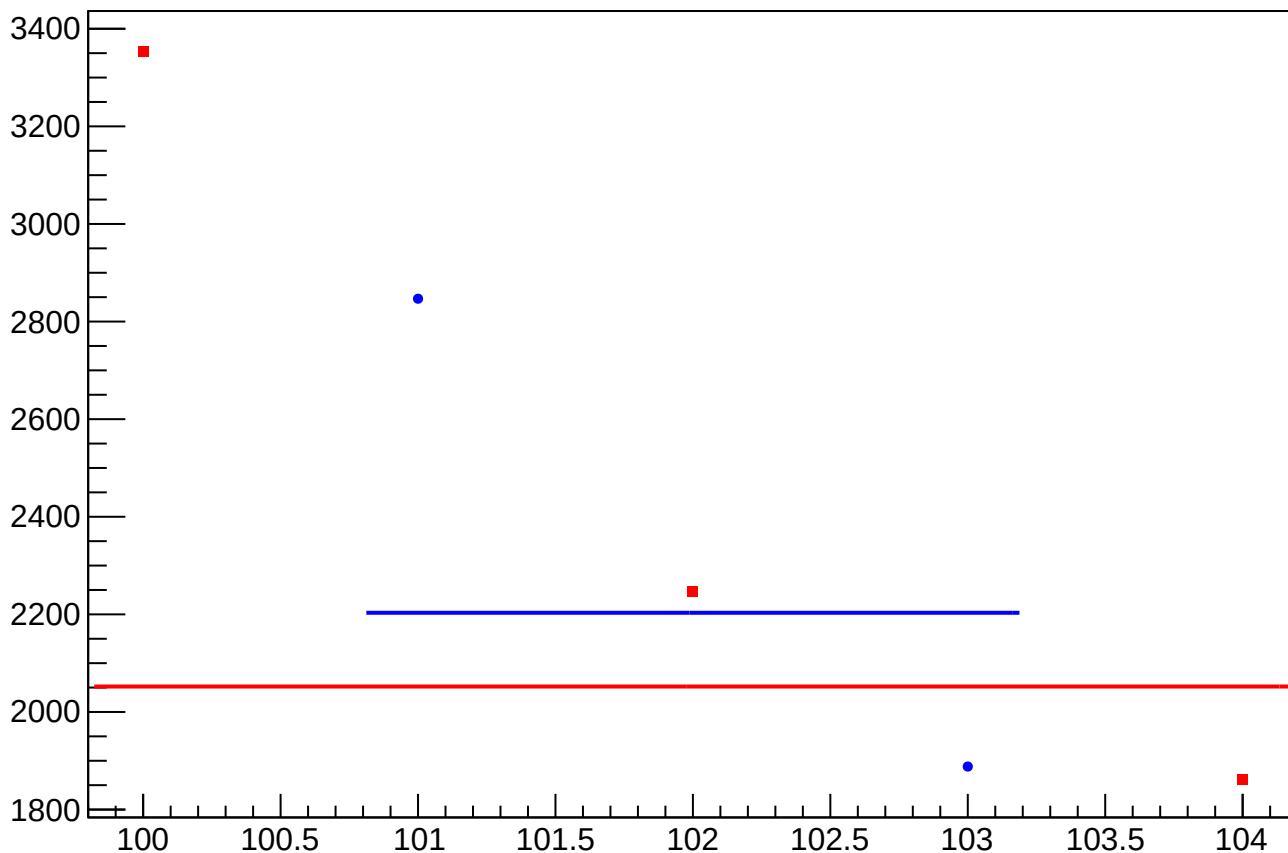
Right: 1352.811+/-1416.821 χ^2/NDF : 1.7/4

In: 2693.958+/-2036.596 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.811+/-1416.821 χ^2/NDF : 1.7/4

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: 2052.133+/-1.395 χ^2/NDF : 40463.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

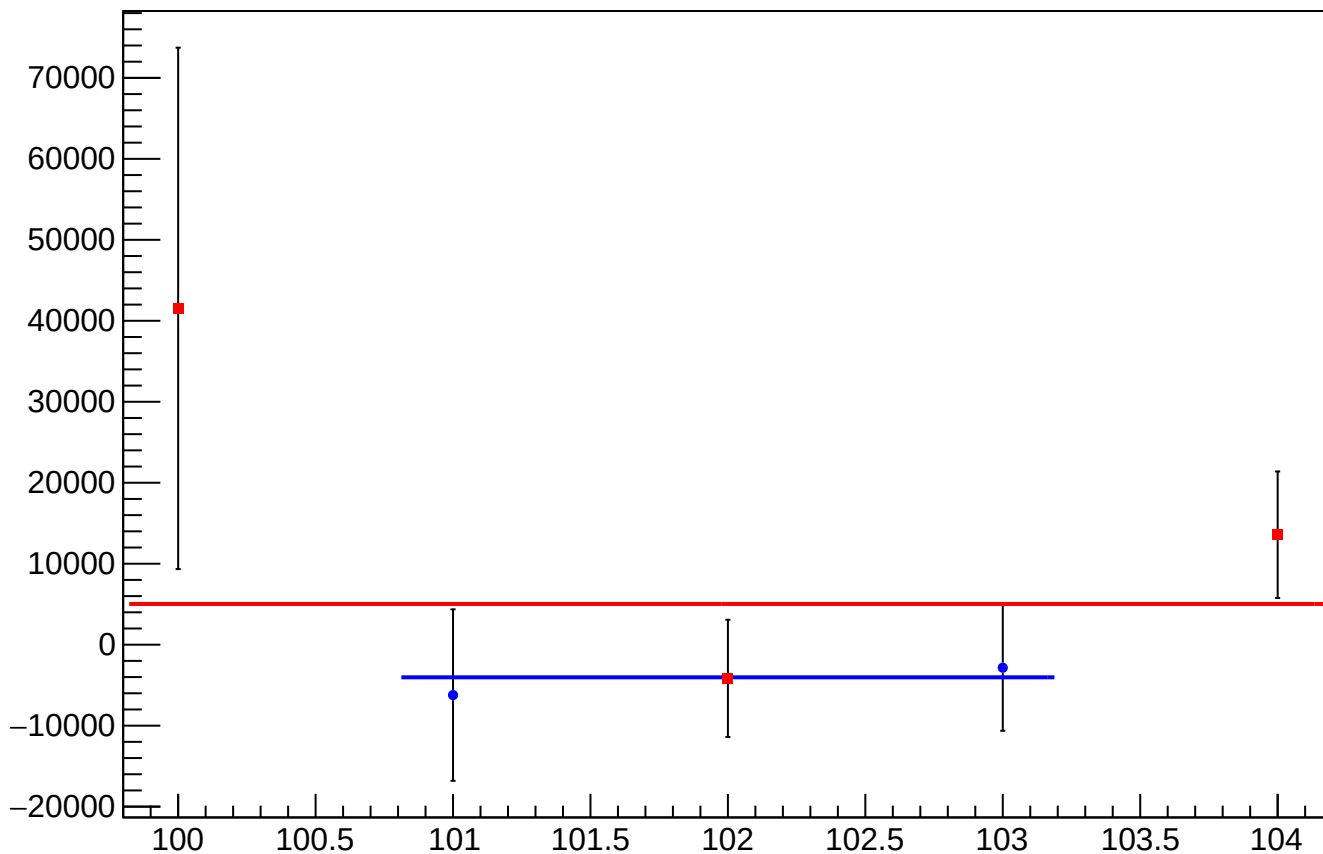
Right: 2125.273+/-1.002 χ^2/NDF : 143928.3/4

In: 2203.258+/-1.440 χ^2/NDF : 97781.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.273+/-1.002 χ^2/NDF : 143928.3/4

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: 5029.672+/-5241.892 χ^2/NDF : 4.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

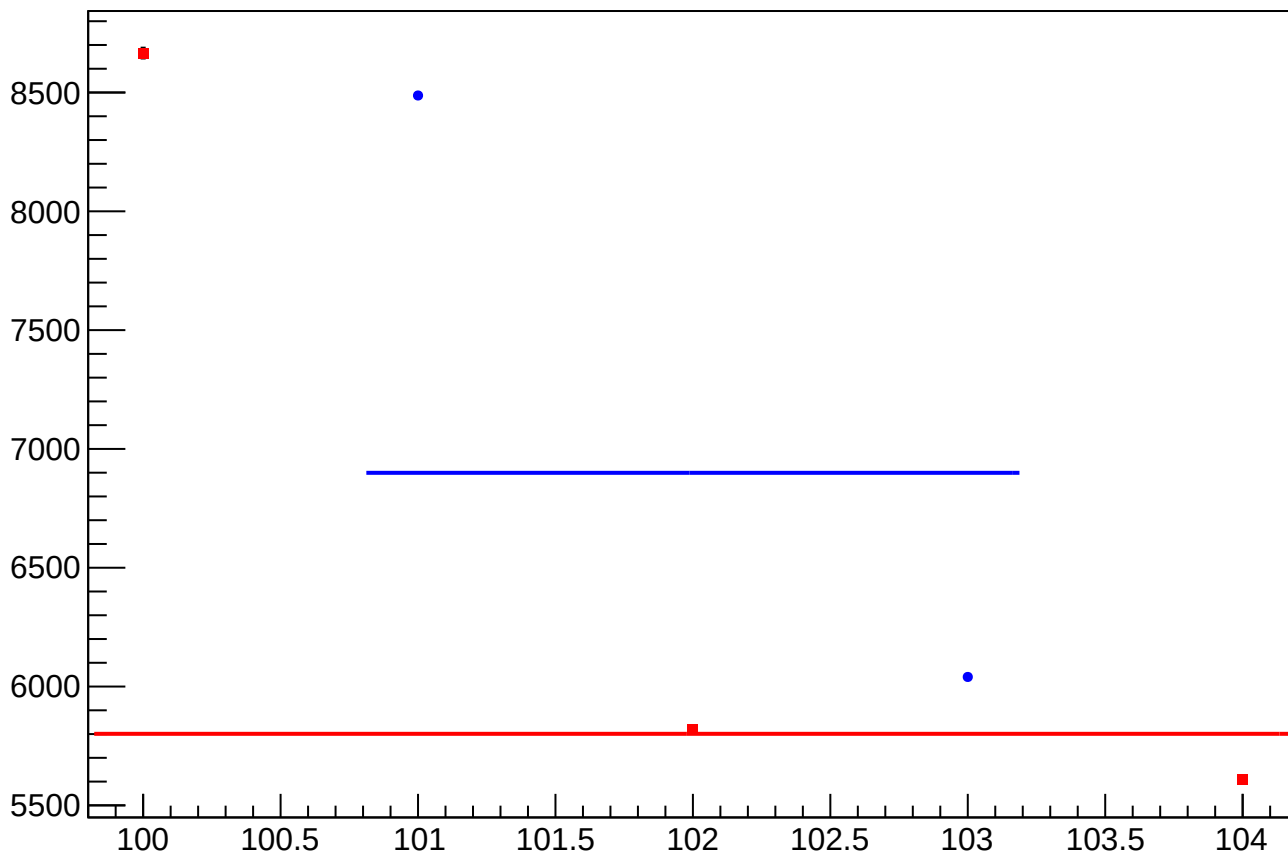
Right: 1304.884+/-4022.353 χ^2/NDF : 5.4/4

In: -4029.153+/-6272.856 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.884+/-4022.353 χ^2/NDF : 5.4/4

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: 5801.035+/-3.707 χ^2/NDF : 17059.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

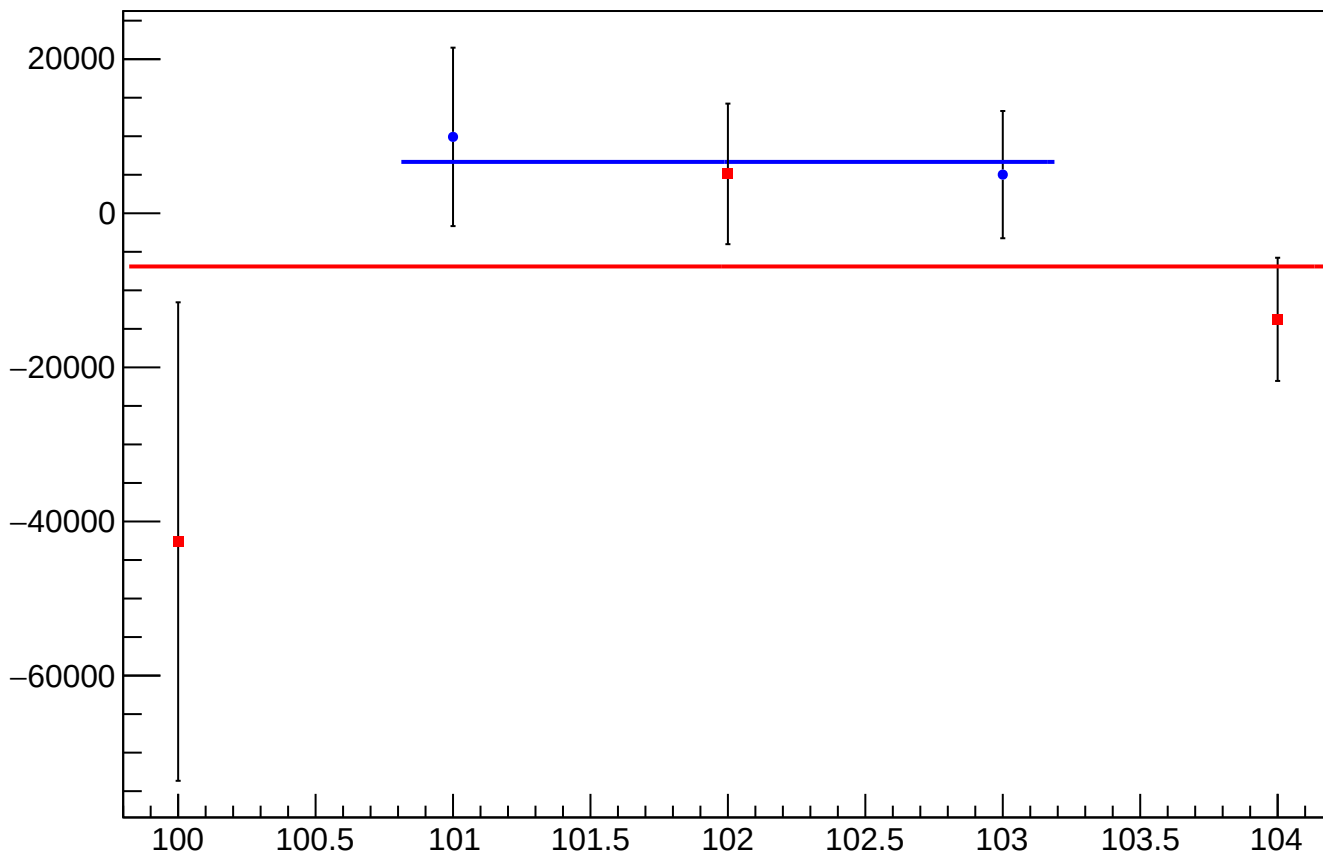
Right: 6252.683+/-2.844 χ^2/NDF : 122506.0/4

In: 6899.460+/-4.436 χ^2/NDF : 69337.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6252.683+/-2.844 χ^2/NDF : 122506.0/4

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: -6902.498+/-5902.279 χ^2/NDF : 3.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

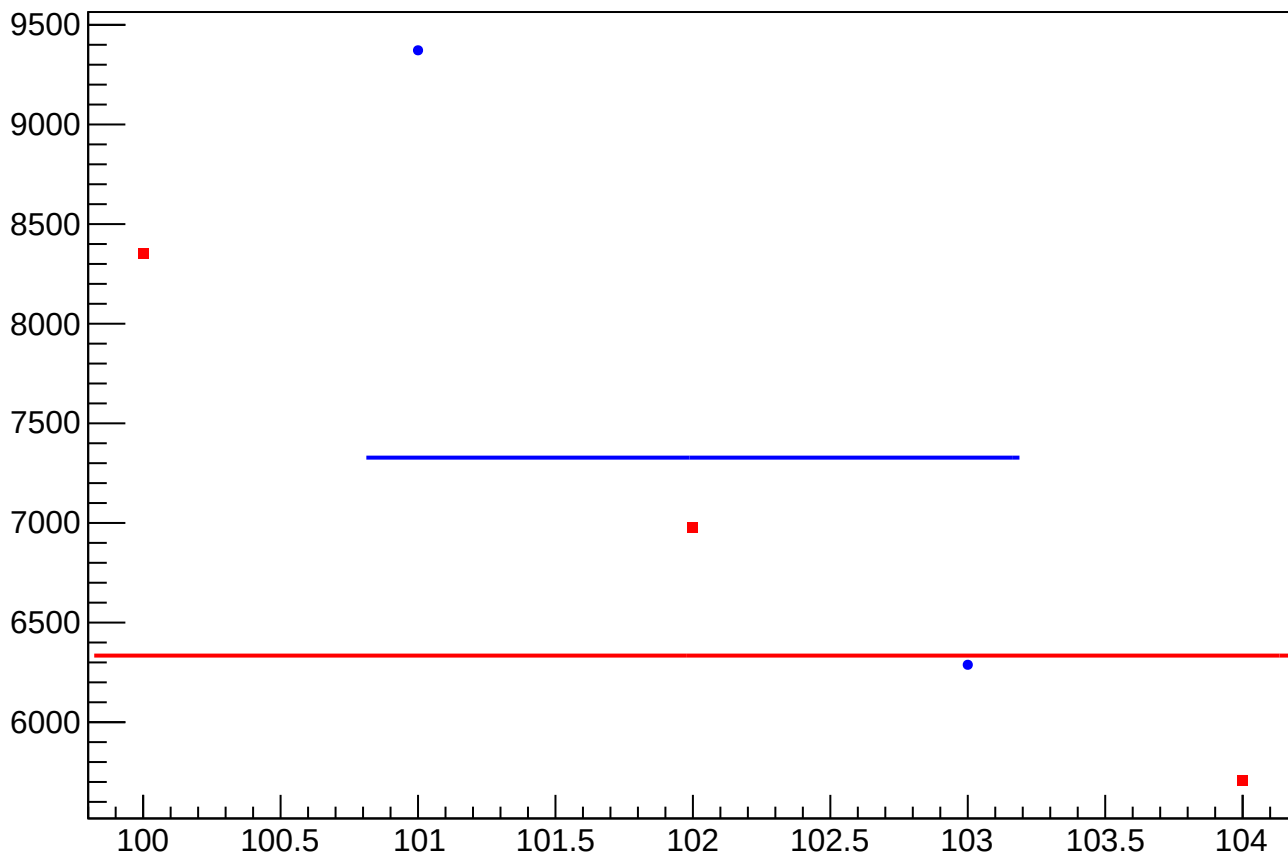
Right: -994.929+/-4435.434 χ^2/NDF : 6.2/4

In: 6669.371+/-6722.821 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -994.929+/-4435.434 χ^2/NDF : 6.2/4

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: 6334.320+/-4.174 χ^2/NDF : 30728.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

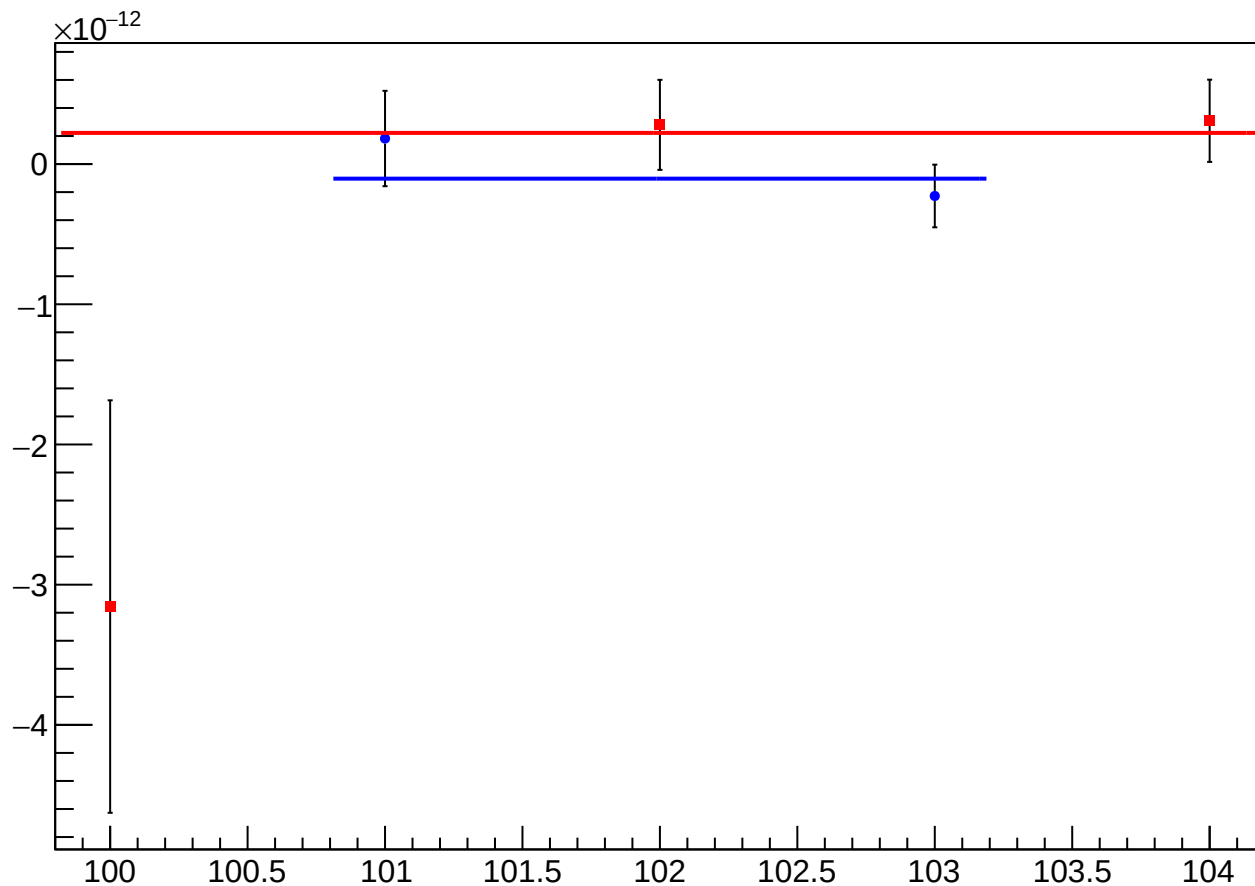
Right: 6766.805+/-3.136 χ^2/NDF : 149458.8/4

In: 7327.891+/-4.754 χ^2/NDF : 94061.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6766.805+/-3.136 χ^2/NDF : 149458.8/4

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 : 5.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

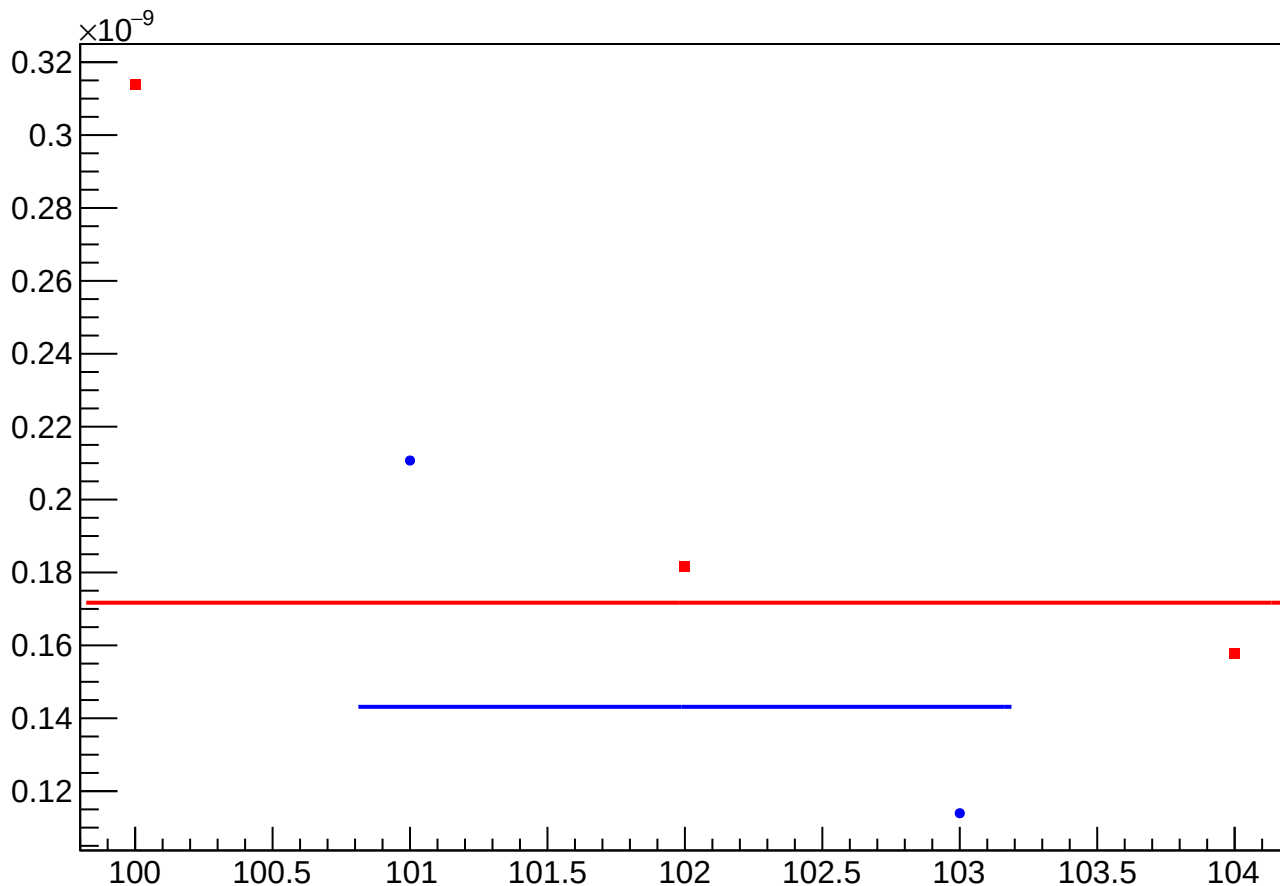
Right: 0.000+/-0.000 χ^2/NDF : 7.7/4

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 : 7.7/4

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 : 25094.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

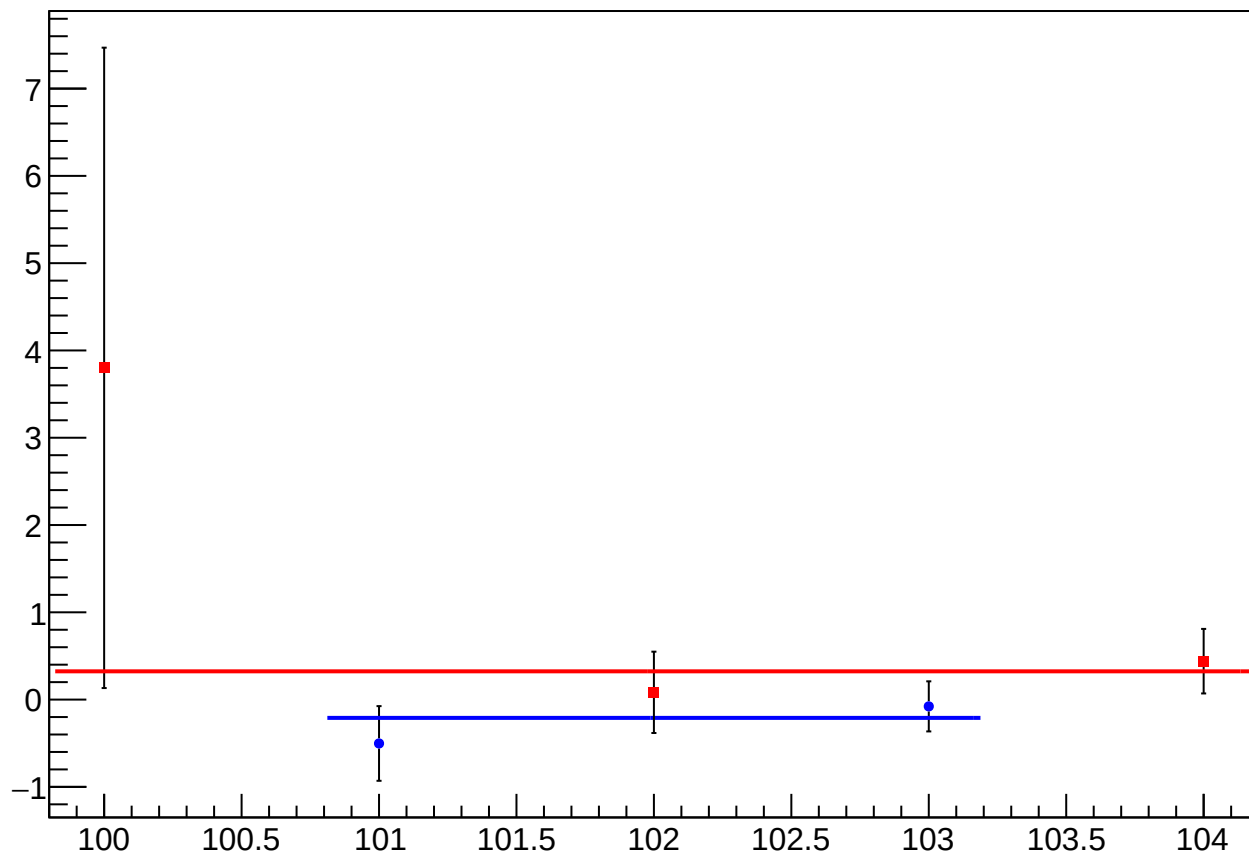
Right: 0.000+/-0.000 χ^2/NDF : 158390.2/4

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 : 158390.2/4

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.210 $\pm$ 0.238 χ^2 /NDF: 0.7/1

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

Right Out: 0.324 $\pm$ 0.289 χ^2 /NDF: 1.3/2

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

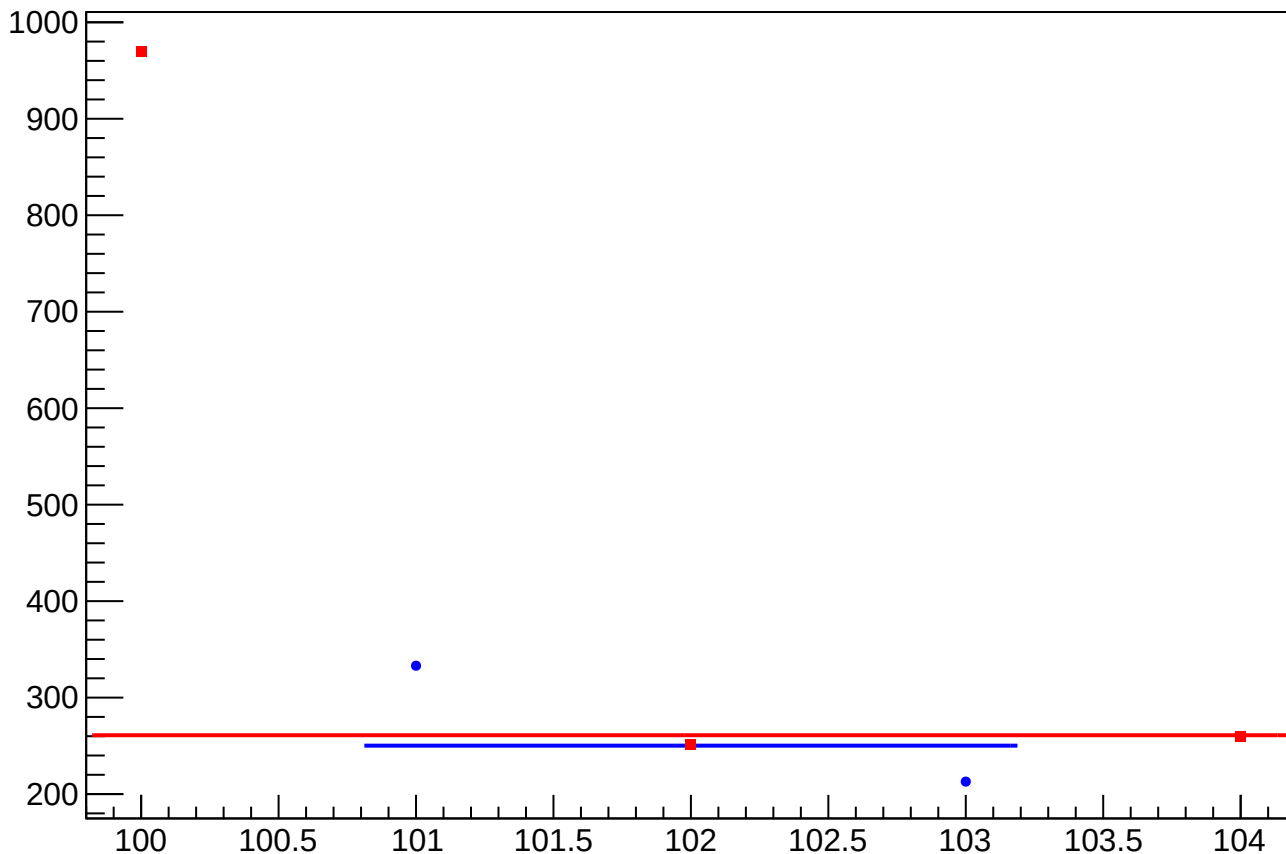
Right: 0.007 $\pm$ 0.184 χ^2 /NDF: 4.0/4

In: -0.210 $\pm$ 0.238 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.184 χ^2 /NDF: 4.0/4

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: 261.015 $\pm$ 0.204 χ^2 /NDF: 75540.8/2

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

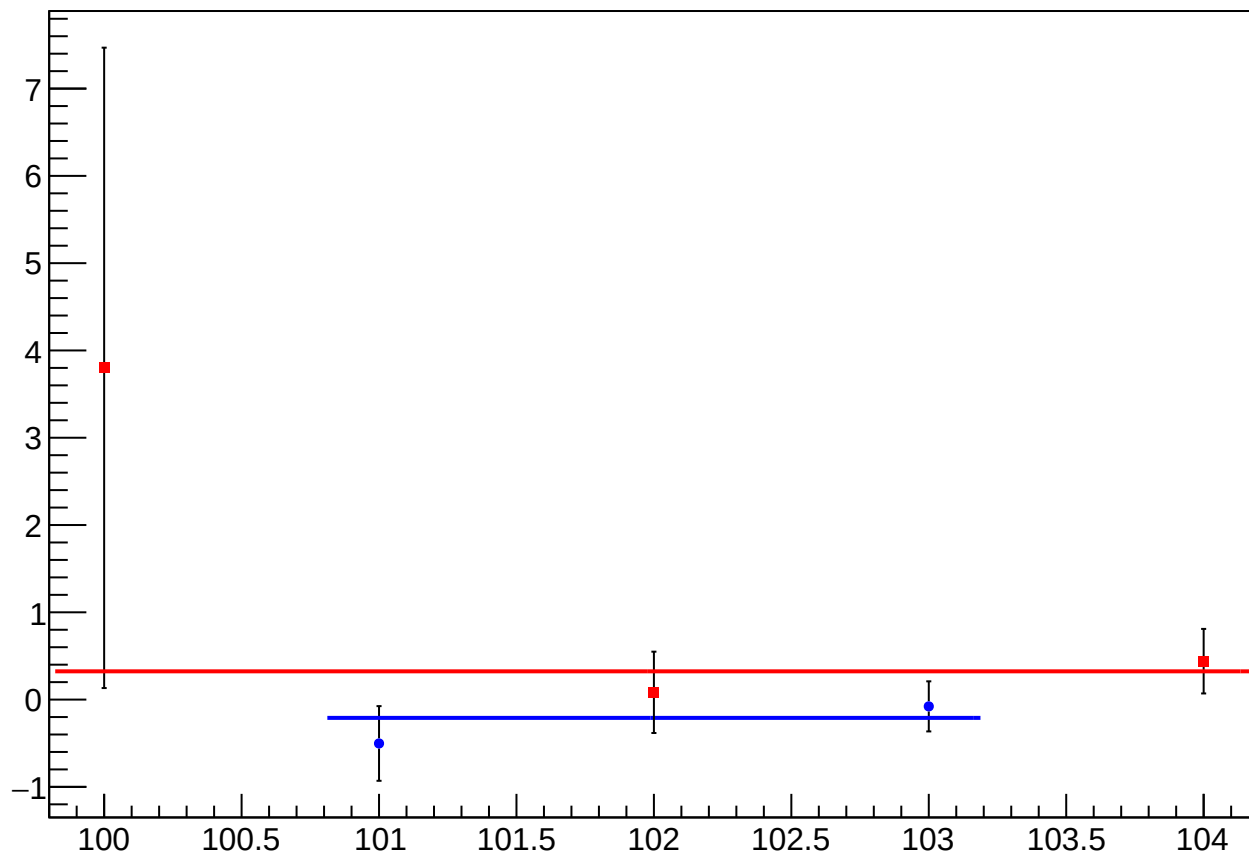
Right: 254.585 $\pm$ 0.130 χ^2 /NDF: 185958.7/4

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: 254.585 $\pm$ 0.130 χ^2 /NDF: 185958.7/4

asym_atl2_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: 0.324+/-0.289 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

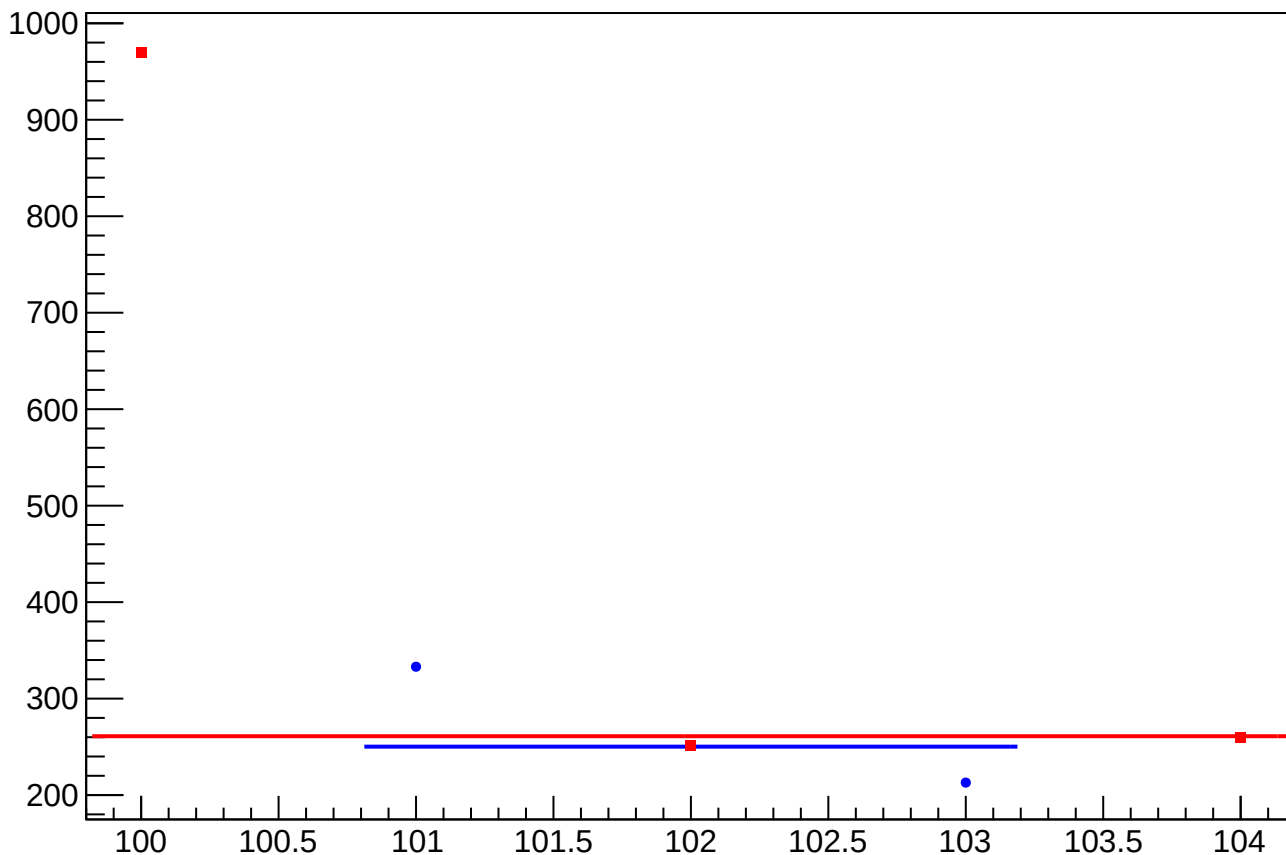
Right: 0.007+/-0.184 χ^2/NDF : 4.0/4

In: -0.210+/-0.238 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.184 χ^2/NDF : 4.0/4

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 250.206+/-0.168 χ^2/NDF : 108750.6/1

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

Right Out: 261.015+/-0.204 χ^2/NDF : 75540.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

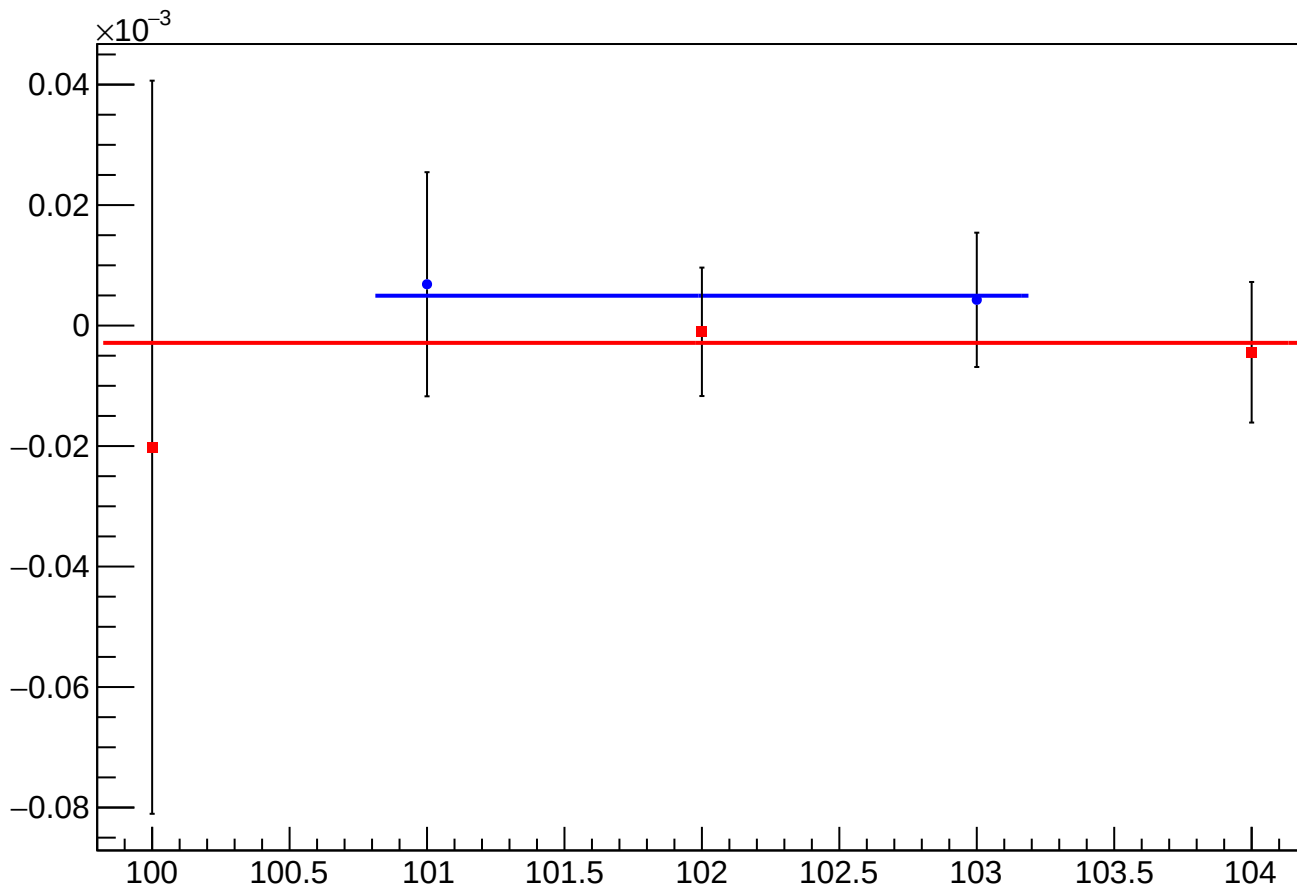
Right: 254.585+/-0.130 χ^2/NDF : 185958.7/4

In: 250.206+/-0.168 χ^2/NDF : 108750.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.585+/-0.130 χ^2/NDF : 185958.7/4

asym_atl2_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 : 0.1/2

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

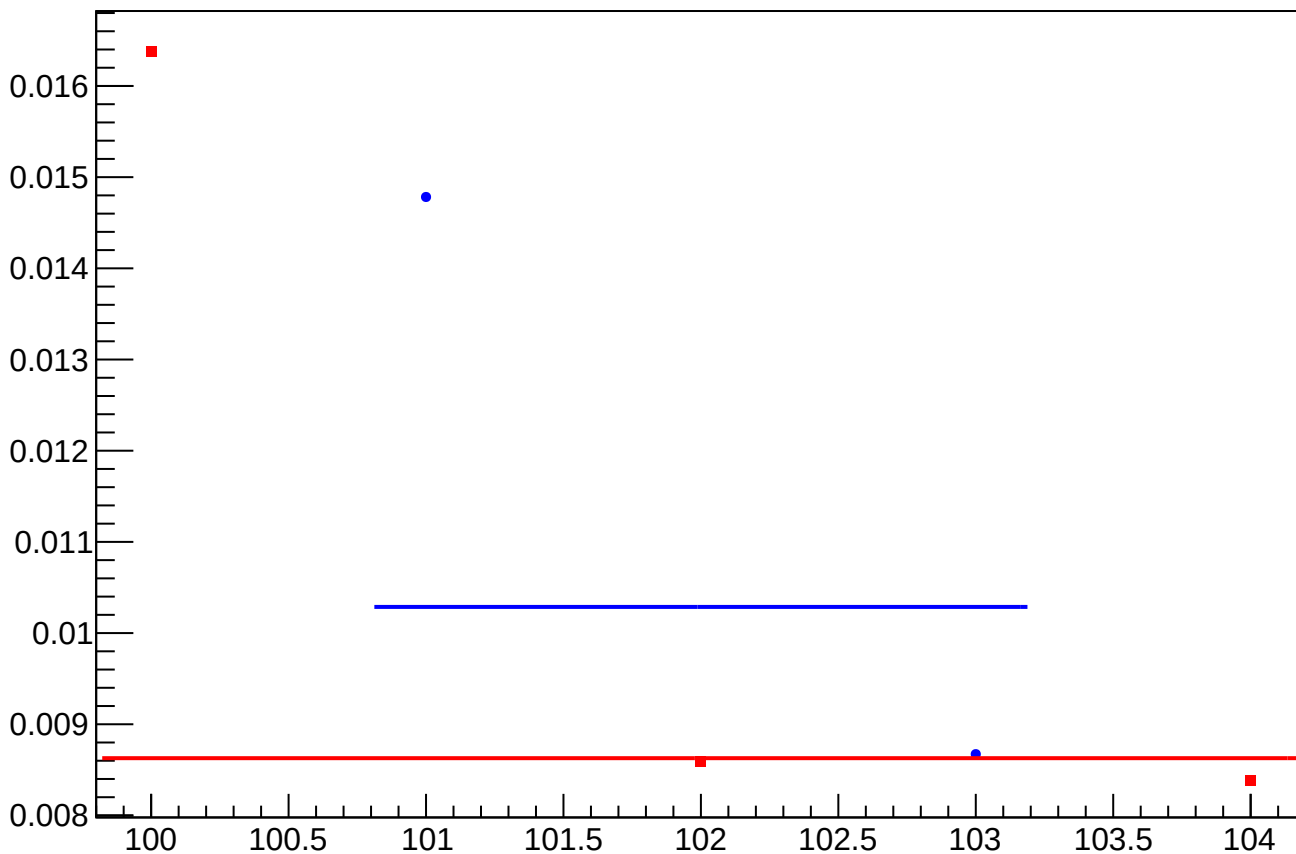
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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: 0.009+/-0.000 χ^2/NDF : 33307.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

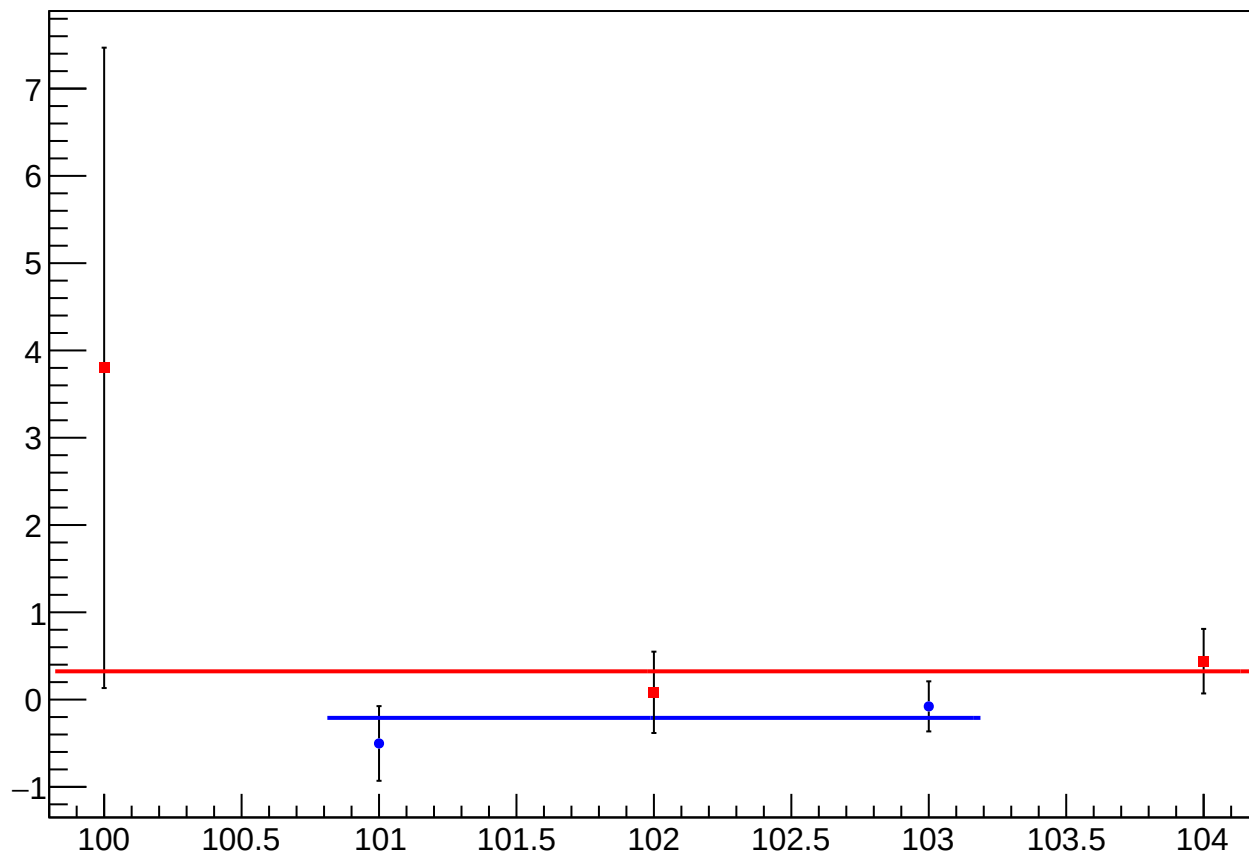
Right: 0.009+/-0.000 χ^2/NDF : 228213.4/4

In: 0.010+/-0.000 χ^2/NDF : 158781.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 228213.4/4

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: 0.324 ± 0.289 $\chi^2/\text{NDF}: 1.3/2$

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

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

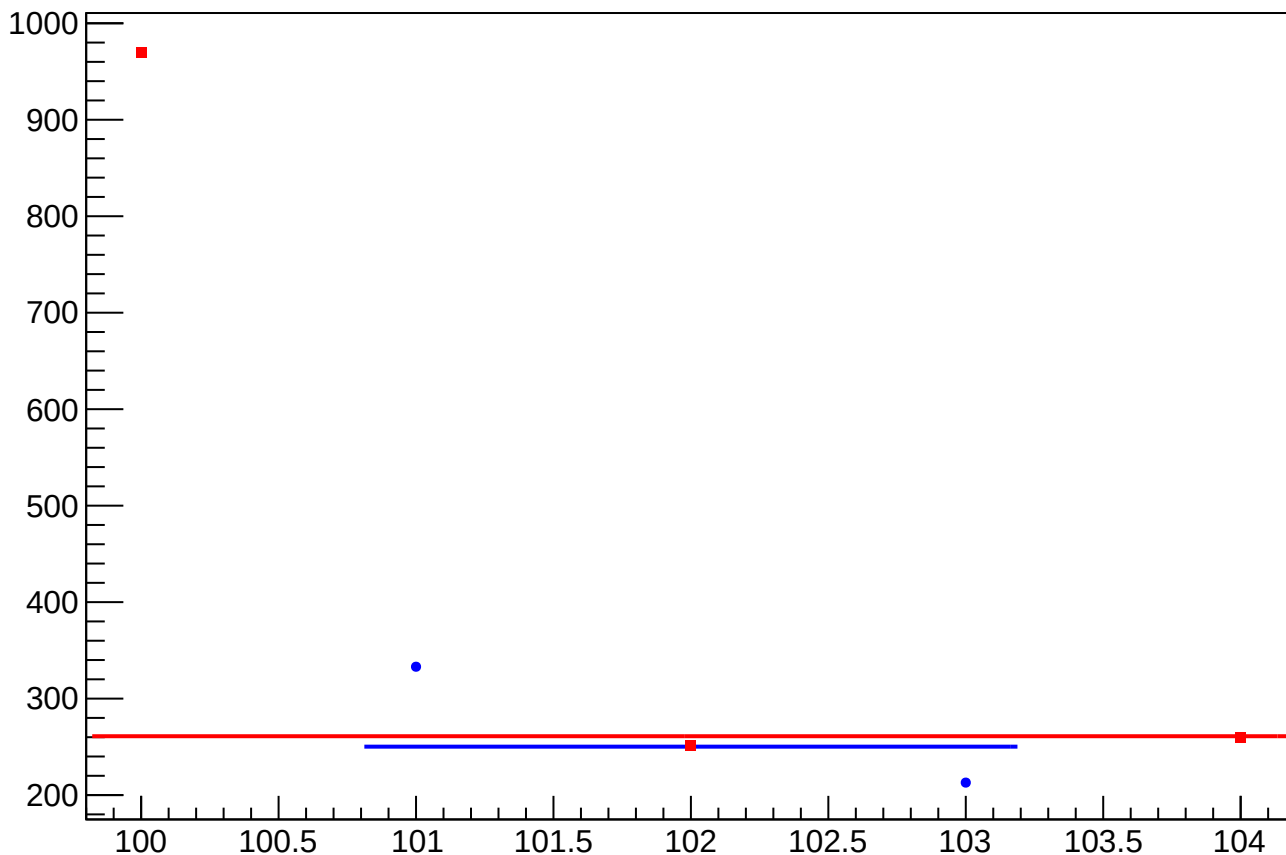
Right: 0.007 ± 0.184 $\chi^2/\text{NDF}: 4.0/4$

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: 0.007 ± 0.184 $\chi^2/\text{NDF}: 4.0/4$

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: 261.017 $\pm$ 0.204 χ^2 /NDF: 75539.6/2

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

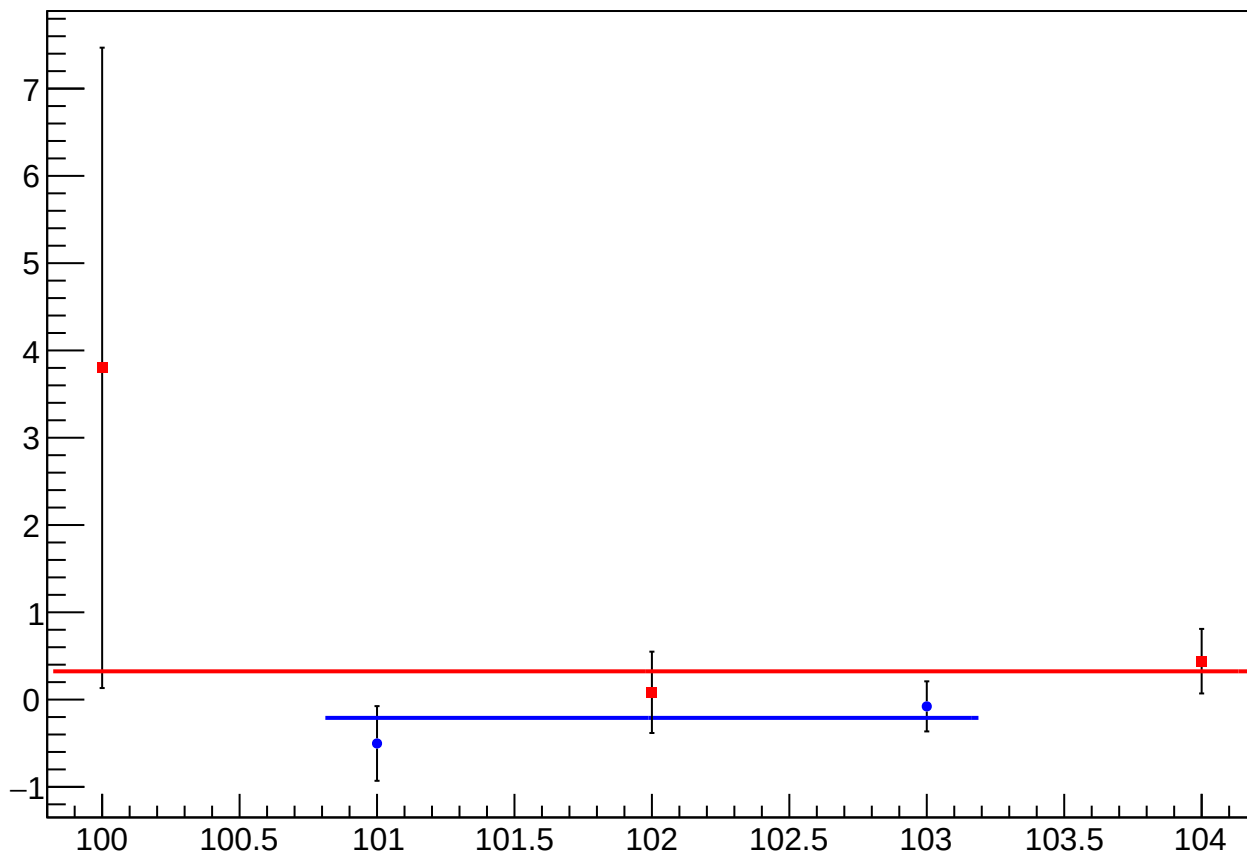
Right: 254.587 $\pm$ 0.130 χ^2 /NDF: 185943.6/4

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: 254.587 $\pm$ 0.130 χ^2 /NDF: 185943.6/4

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: 0.324 ± 0.289 χ^2/NDF : 1.3/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

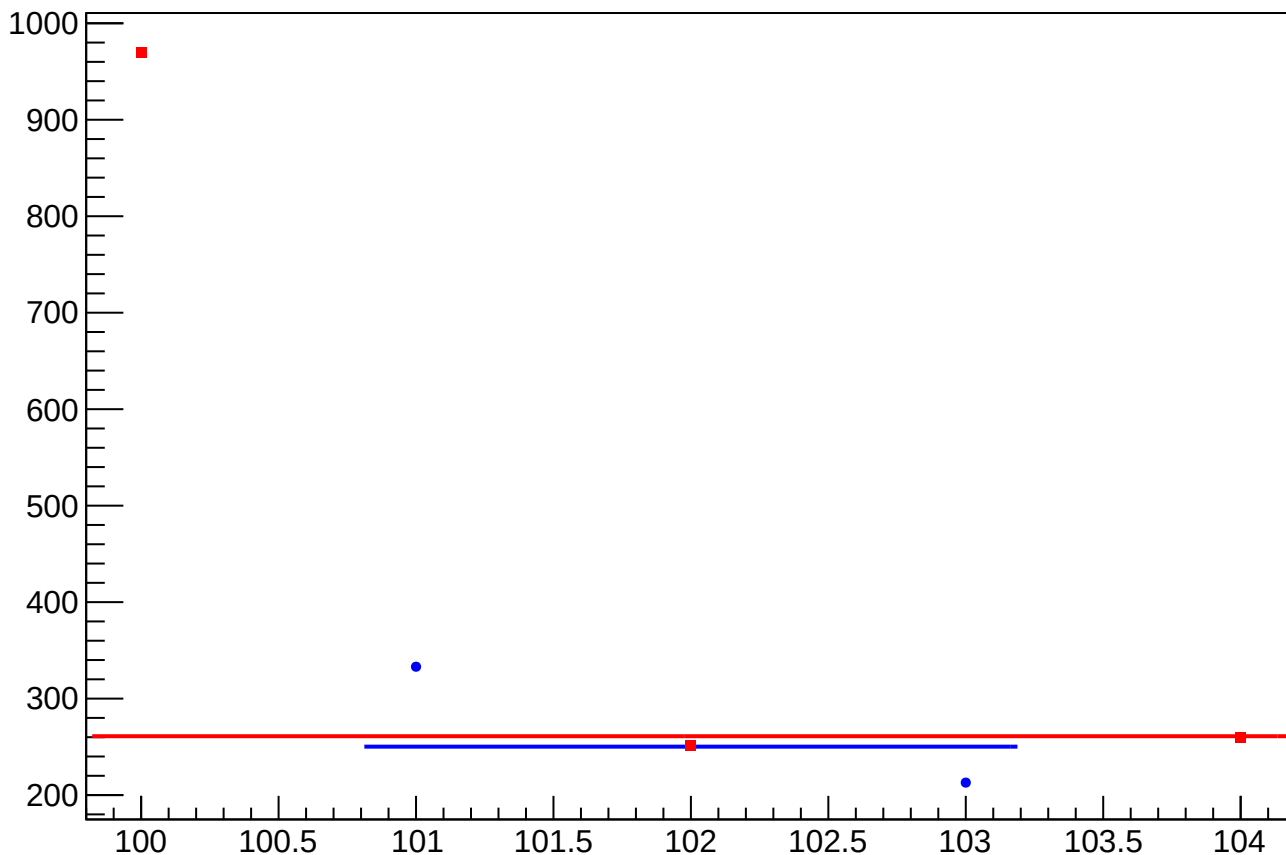
Right: 0.007 ± 0.184 χ^2/NDF : 4.0/4

In: -0.210 ± 0.238 χ^2/NDF : 0.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.184 χ^2/NDF : 4.0/4

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: 261.017 $\pm$ 0.204 χ^2 /NDF: 75539.6/2

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

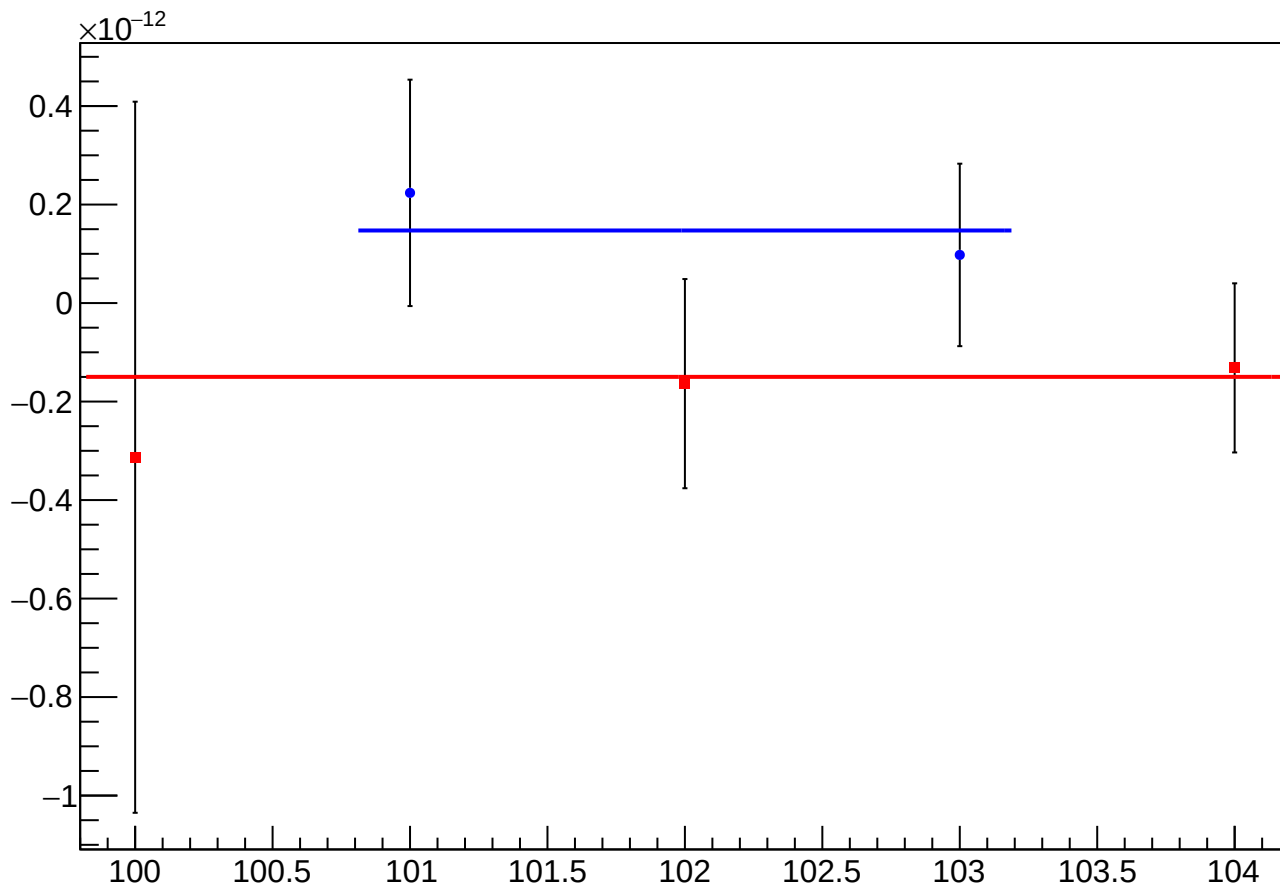
Right: 254.587 $\pm$ 0.130 χ^2 /NDF: 185943.6/4

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: 254.587 $\pm$ 0.130 χ^2 /NDF: 185943.6/4

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 : 0.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

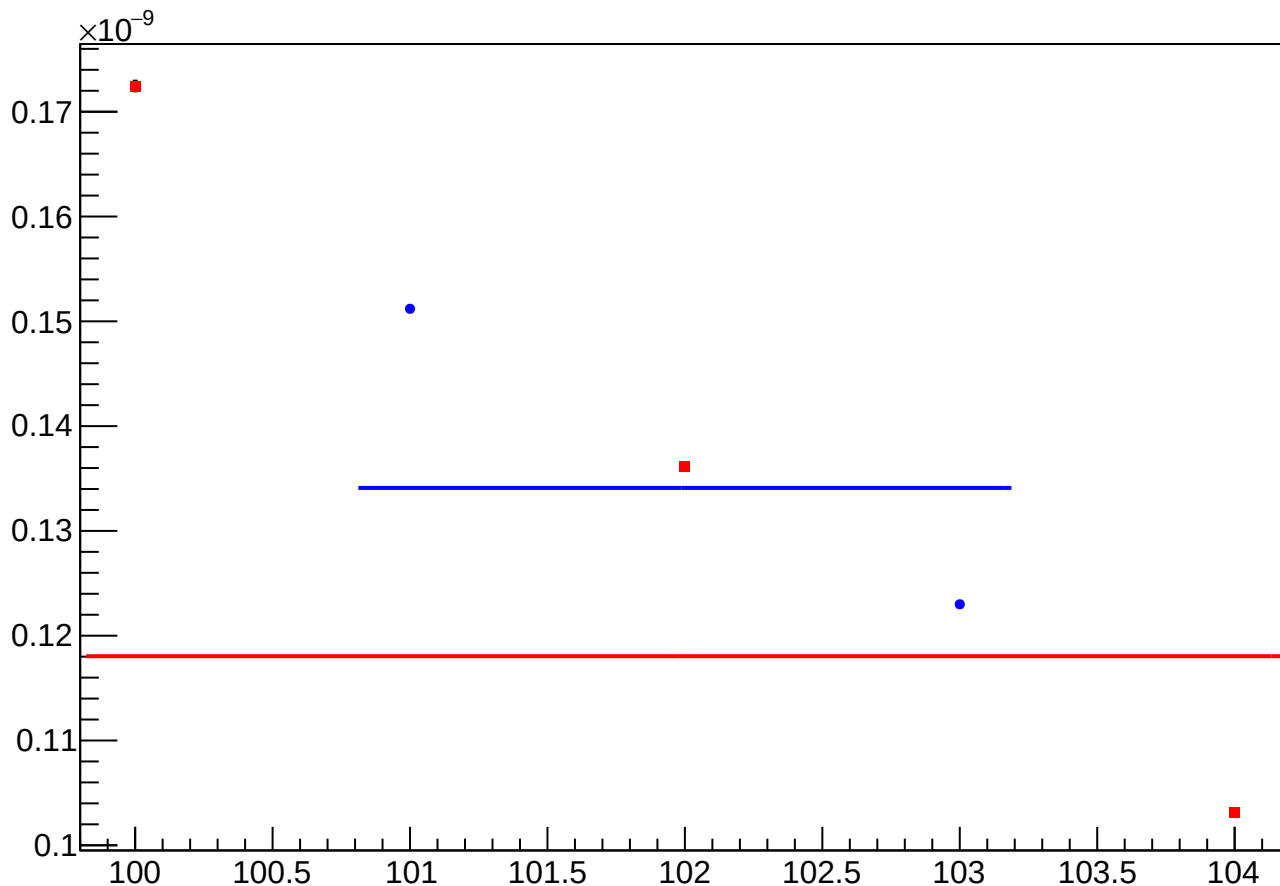
Right: -0.000+/-0.000 χ^2/NDF : 2.6/4

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 : 2.6/4

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 : 40998.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

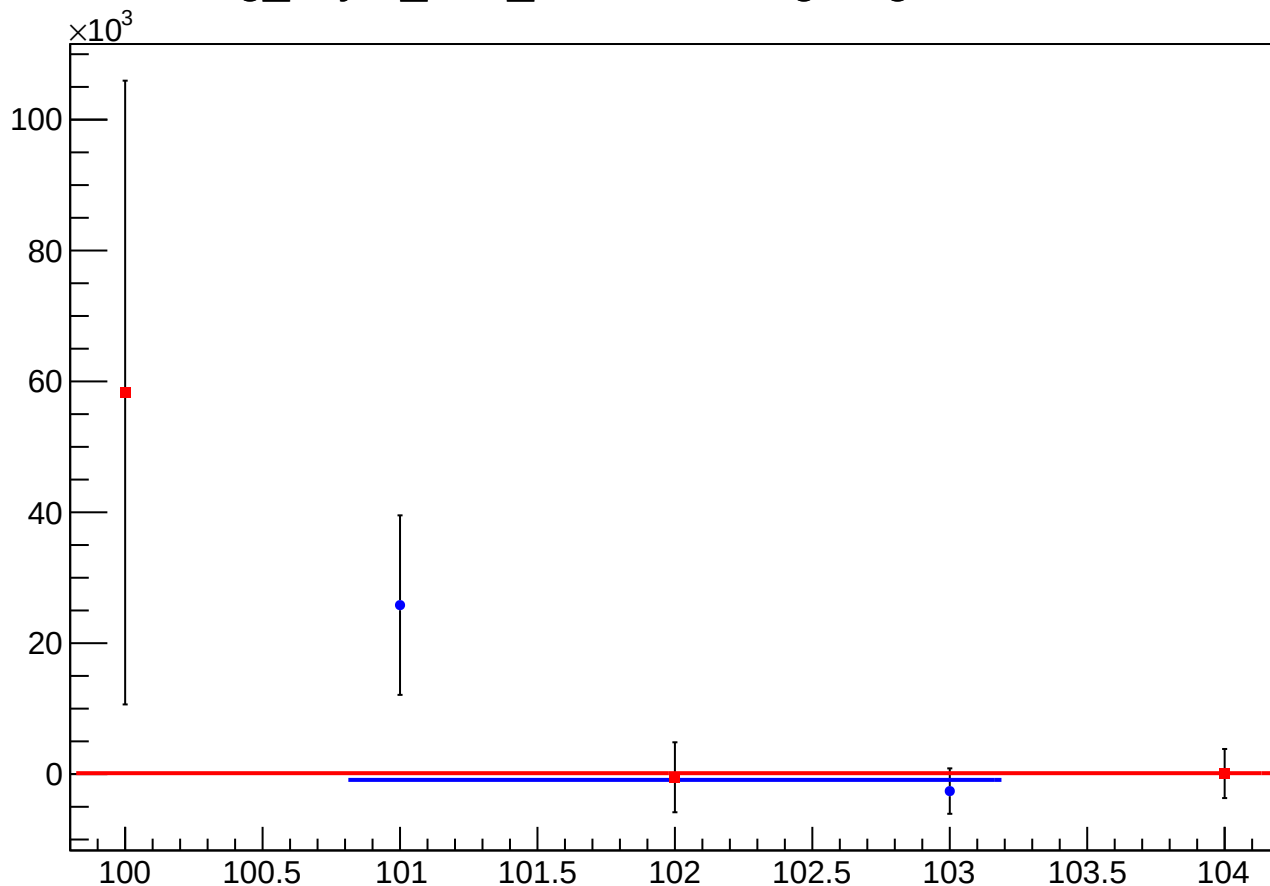
Right: 0.000+/-0.000 χ^2/NDF : 72809.7/4

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 : 72809.7/4

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: 136.656+/-3064.046 χ^2/NDF : 1.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

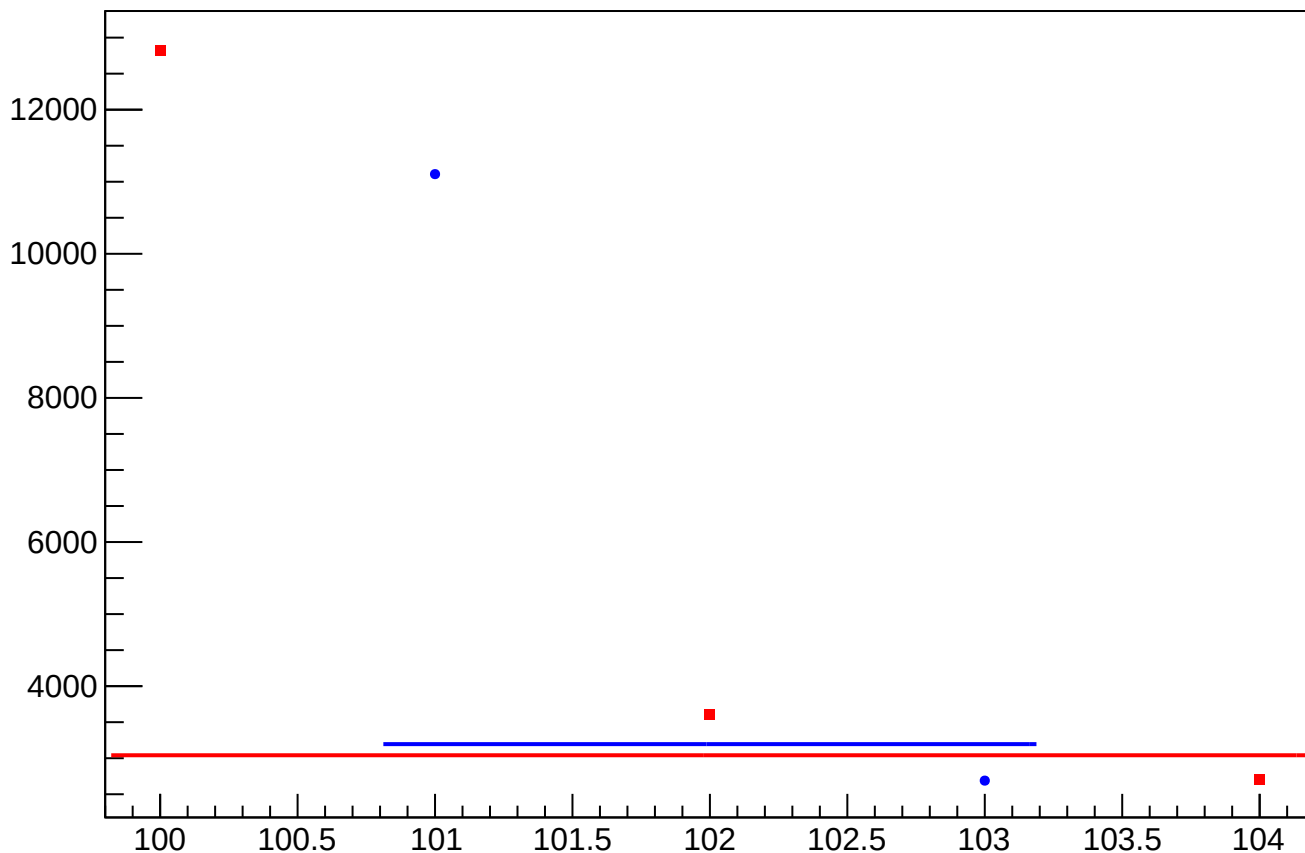
Right: -328.276+/-2265.441 χ^2/NDF : 5.6/4

In: -888.906+/-3364.643 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.276+/-2265.441 χ^2/NDF : 5.6/4

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: 3041.005+/-2.167 χ^2/NDF : 123015.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

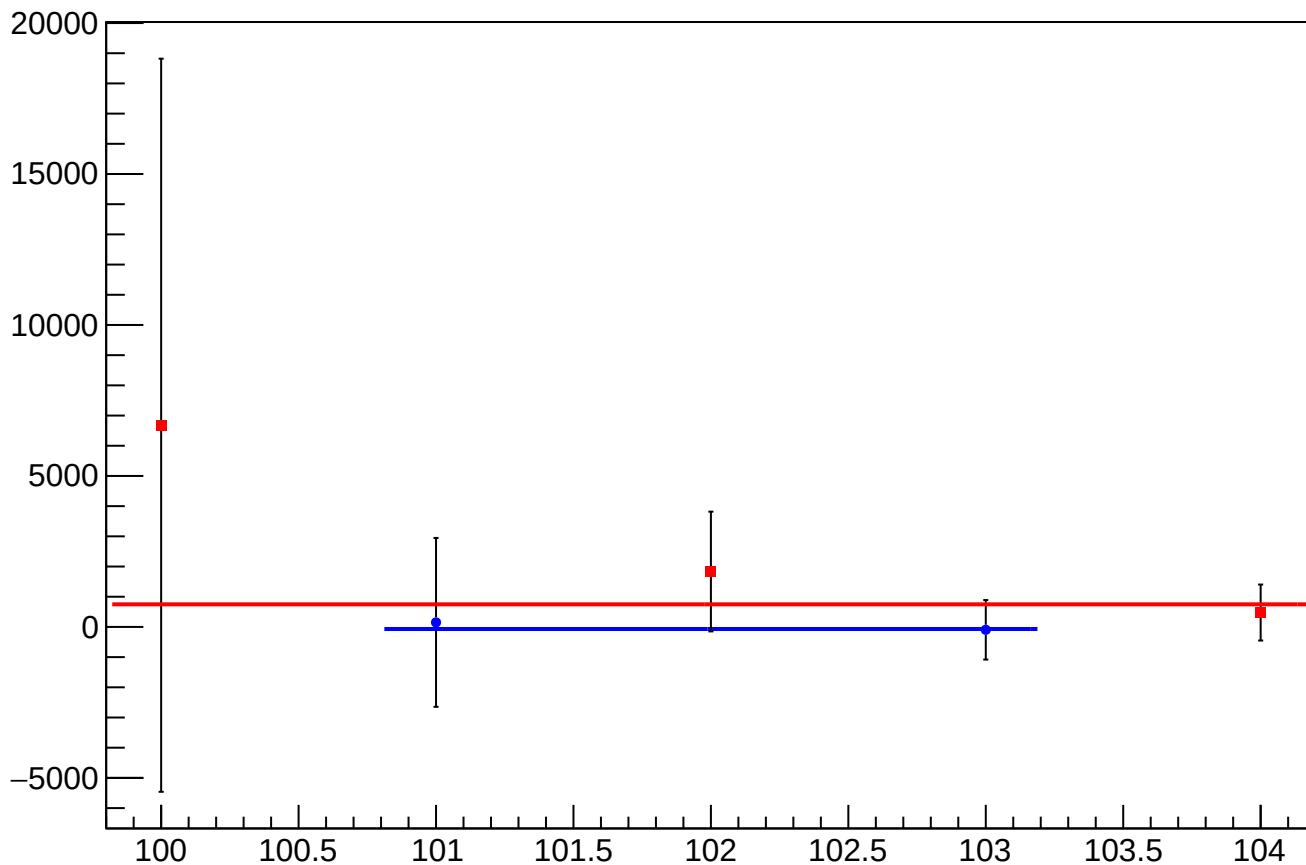
Right: 3111.024+/-1.602 χ^2/NDF : 833089.4/4

In: 3195.457+/-2.379 χ^2/NDF : 707770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.024+/-1.602 χ^2/NDF : 833089.4/4

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: -68.722 ± 929.320 χ^2/NDF : 0.0/1

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

Right Out: 747.956 ± 837.712 χ^2/NDF : 0.6/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

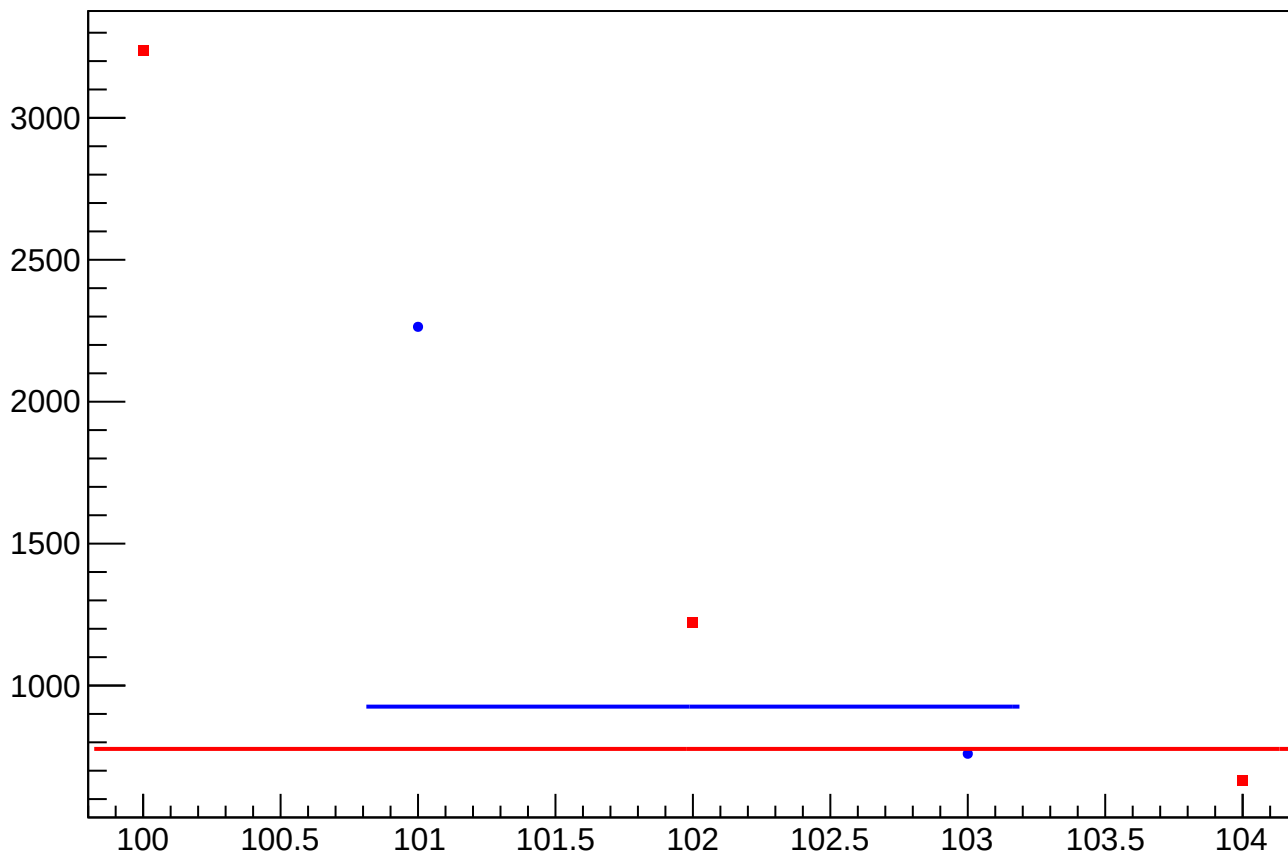
Right: 381.843 ± 622.225 χ^2/NDF : 1.1/4

In: -68.722 ± 929.320 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 381.843 ± 622.225 χ^2/NDF : 1.1/4

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: 776.762+/-0.592 χ^2/NDF : 212224.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

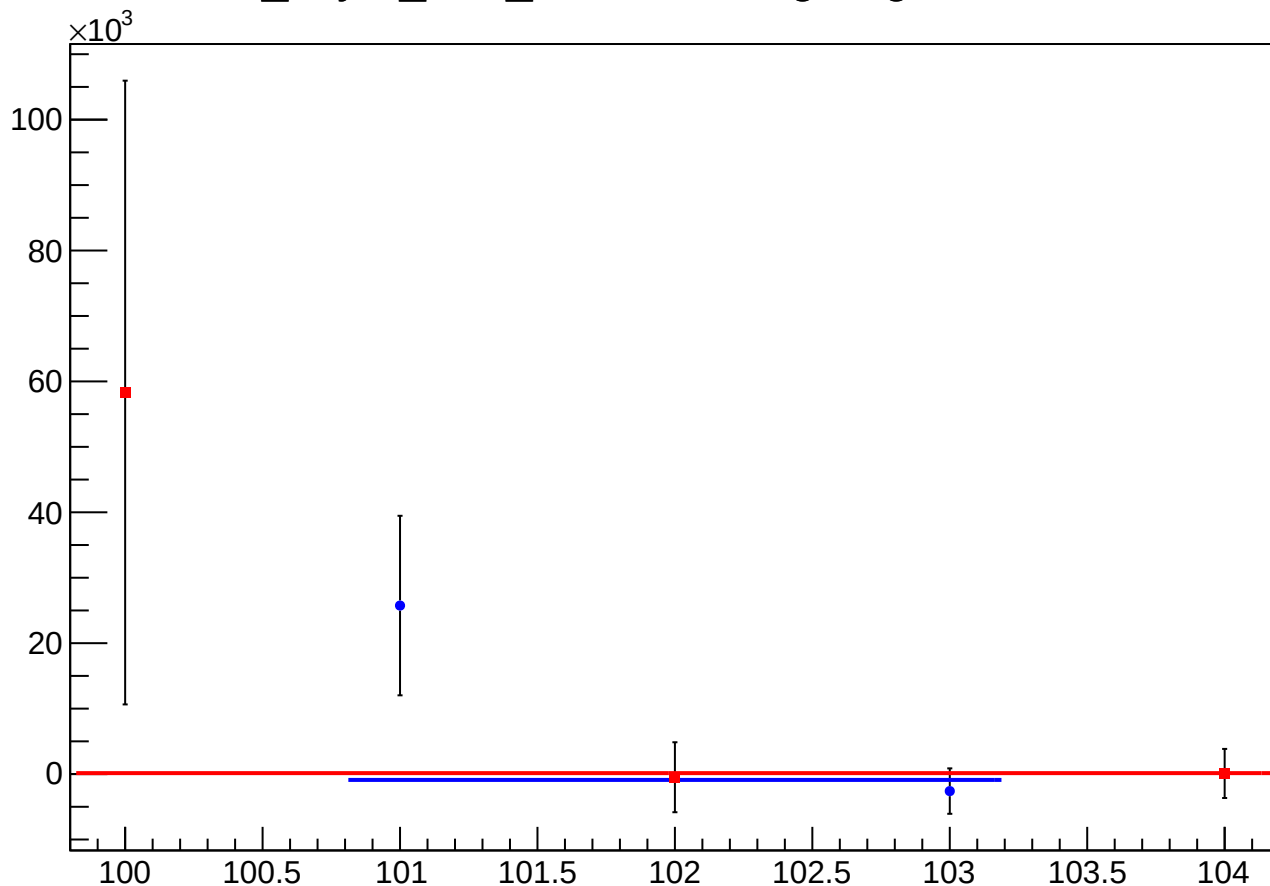
Right: 843.559+/-0.440 χ^2/NDF : 755123.2/4

In: 925.764+/-0.657 χ^2/NDF : 514533.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.559+/-0.440 χ^2/NDF : 755123.2/4

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097 $\pm$ 3364.648 χ^2 /NDF: 4.0/1

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

Right Out: 143.438 $\pm$ 3064.051 χ^2 /NDF: 1.5/2

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

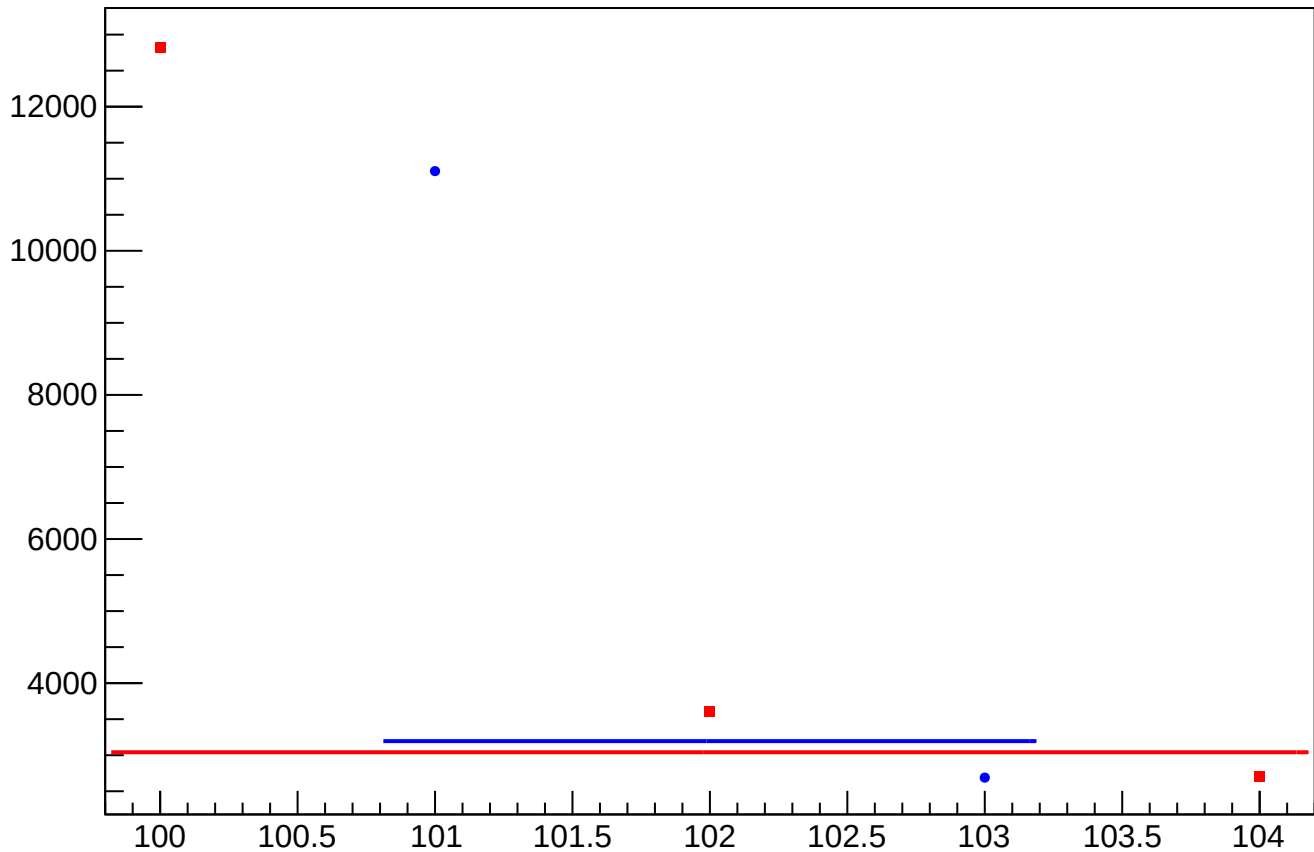
Right: -327.375 $\pm$ 2265.444 χ^2 /NDF: 5.6/4

In: -895.097 $\pm$ 3364.648 χ^2 /NDF: 4.0/1

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

All: -327.375 $\pm$ 2265.444 χ^2 /NDF: 5.6/4

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: 3041.006+/-2.167 χ^2/NDF : 123014.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

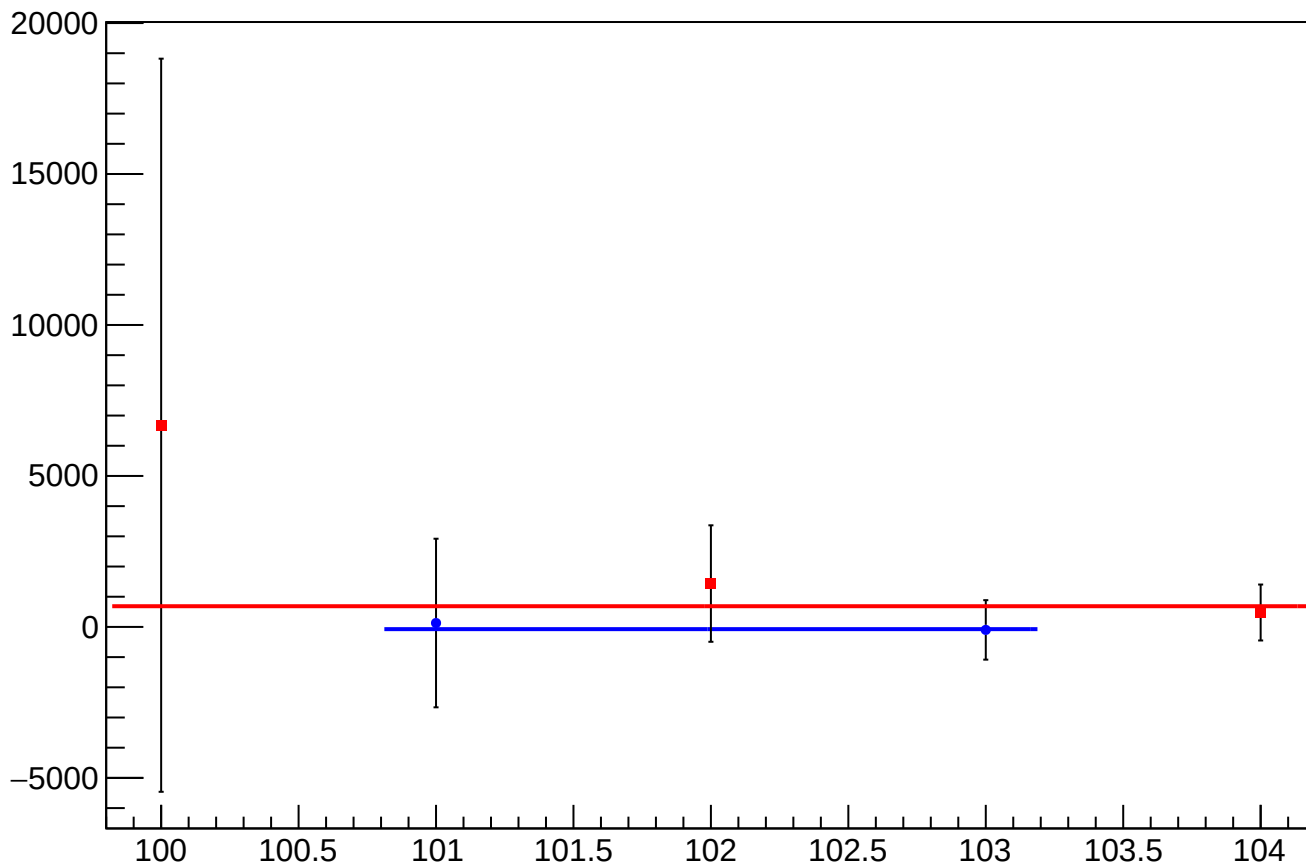
Right: 3111.025+/-1.602 χ^2/NDF : 833087.3/4

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.025+/-1.602 χ^2/NDF : 833087.3/4

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: 685.578+/-833.094 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

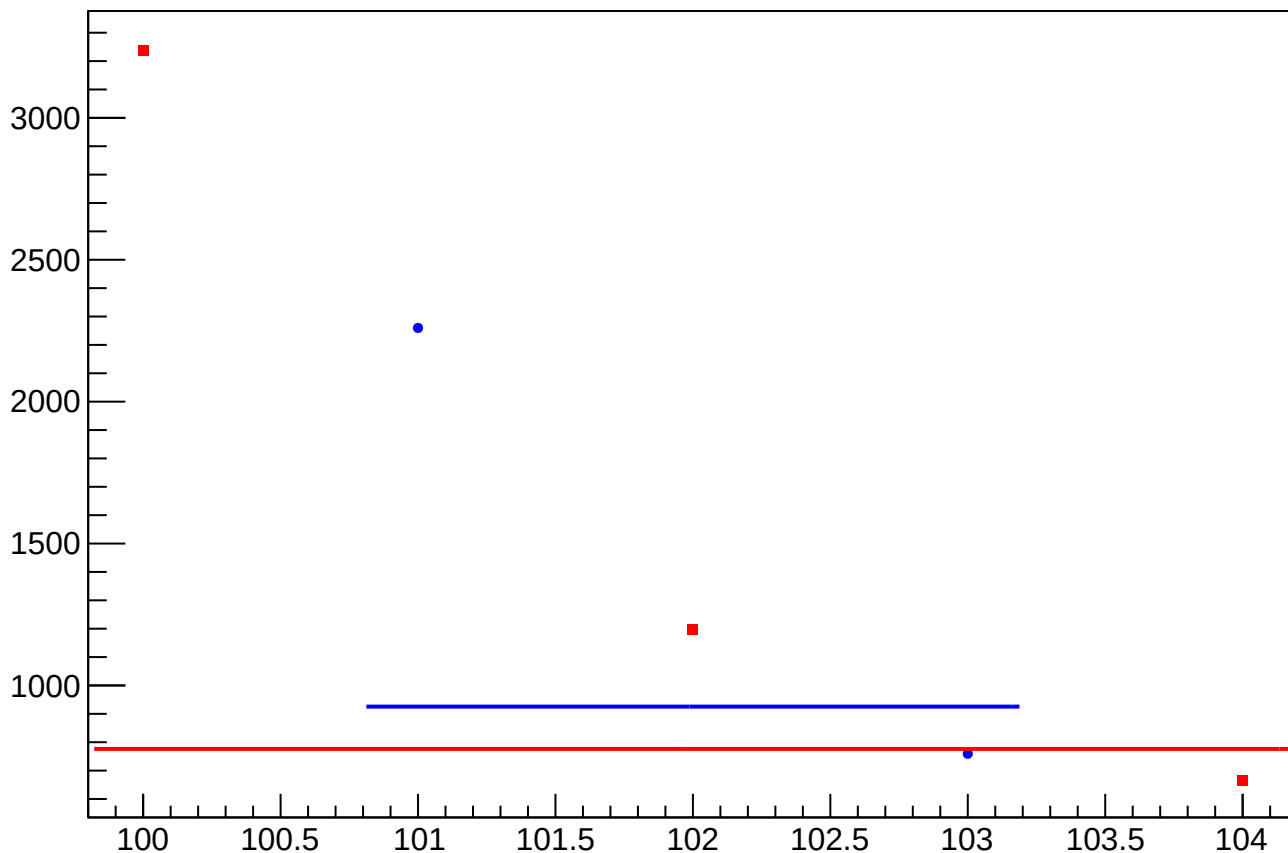
Right: 347.132+/-620.168 χ^2/NDF : 0.8/4

In: -73.532+/-928.788 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.132+/-620.168 χ^2/NDF : 0.8/4

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: 776.367+/-0.589 χ^2/NDF : 207023.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

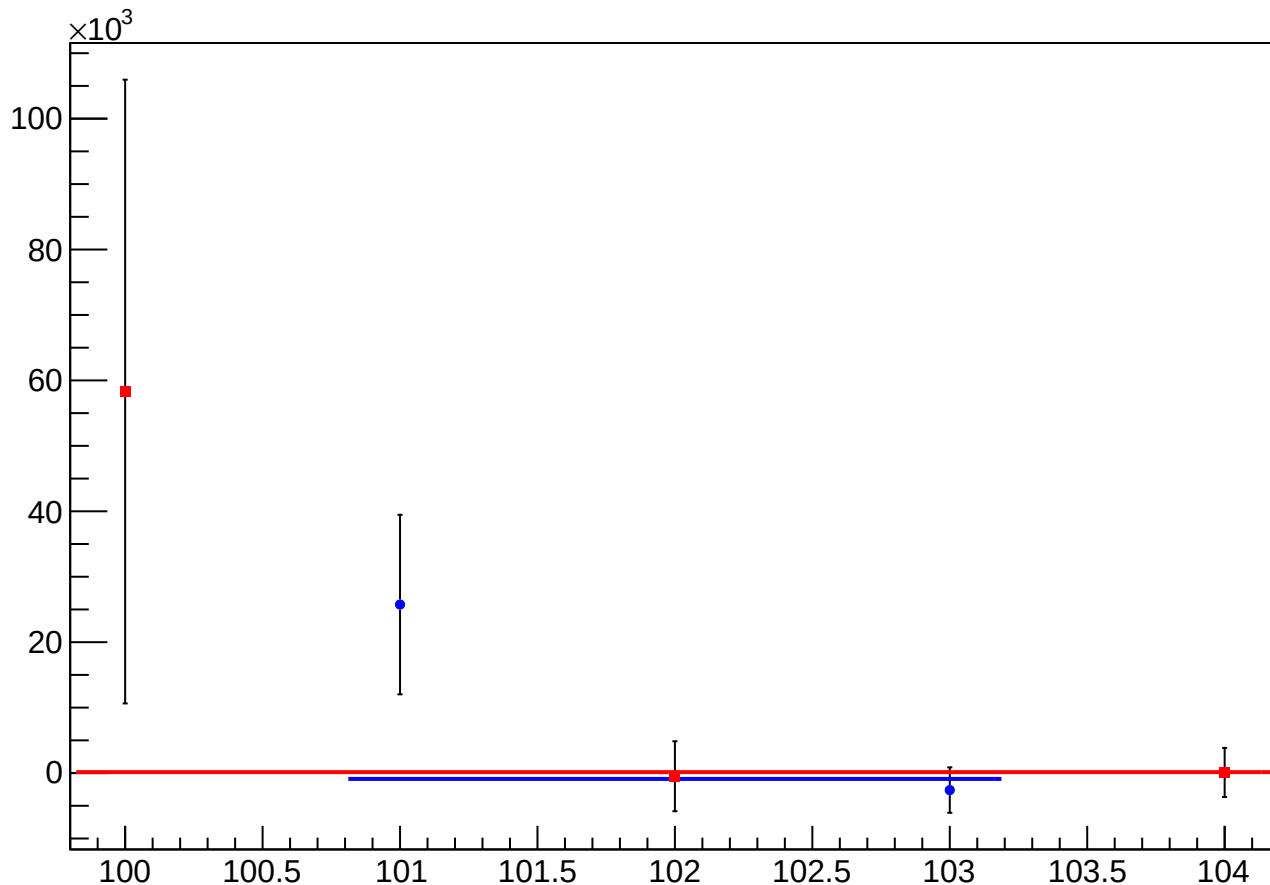
Right: 842.838+/-0.439 χ^2/NDF : 749311.7/4

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.838+/-0.439 χ^2/NDF : 749311.7/4

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: -895.097 $\pm$ 3364.648 χ^2 /NDF: 4.0/1

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

Right Out: 143.438 $\pm$ 3064.051 χ^2 /NDF: 1.5/2

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

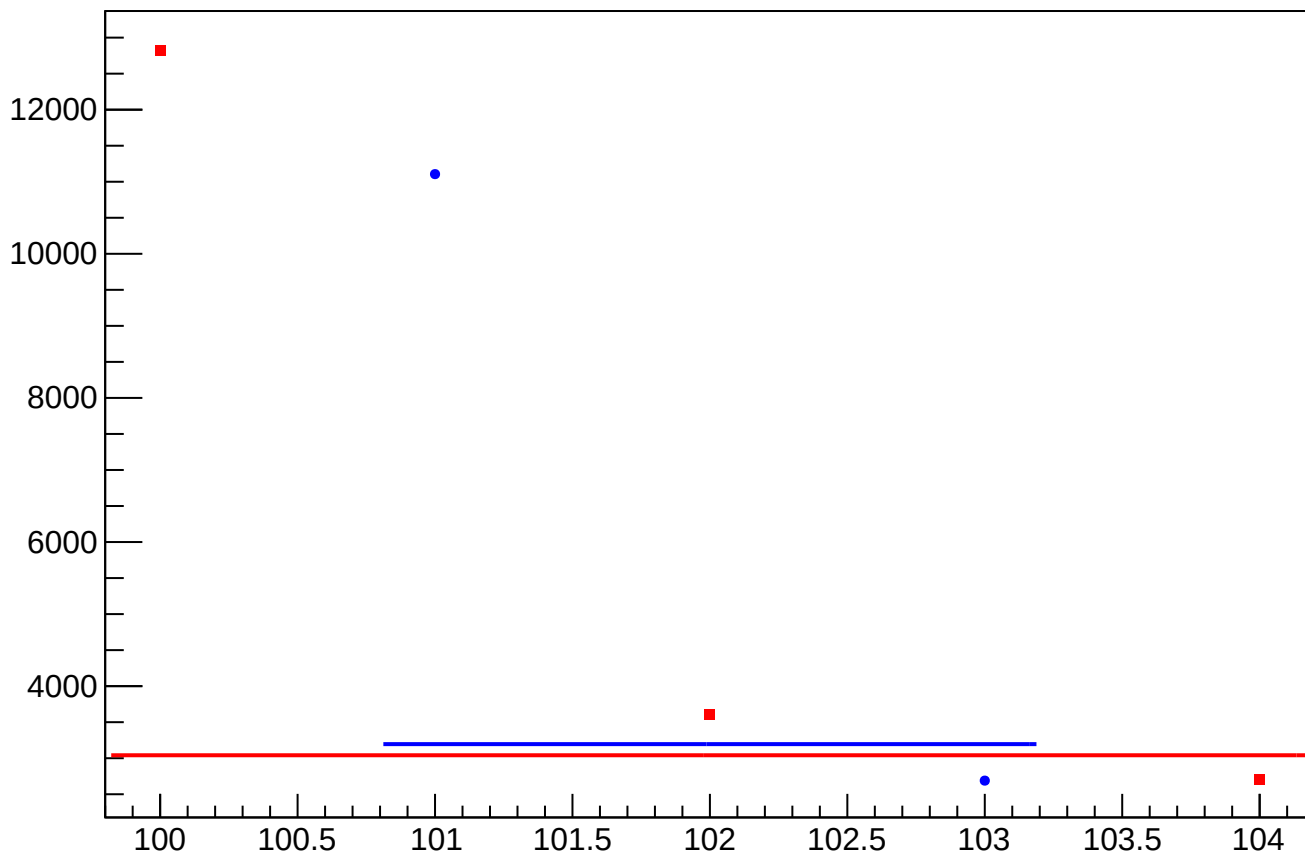
Right: -327.375 $\pm$ 2265.444 χ^2 /NDF: 5.6/4

In: -895.097 $\pm$ 3364.648 χ^2 /NDF: 4.0/1

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

All: -327.375 $\pm$ 2265.444 χ^2 /NDF: 5.6/4

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: 3041.006+/-2.167 χ^2/NDF : 123014.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

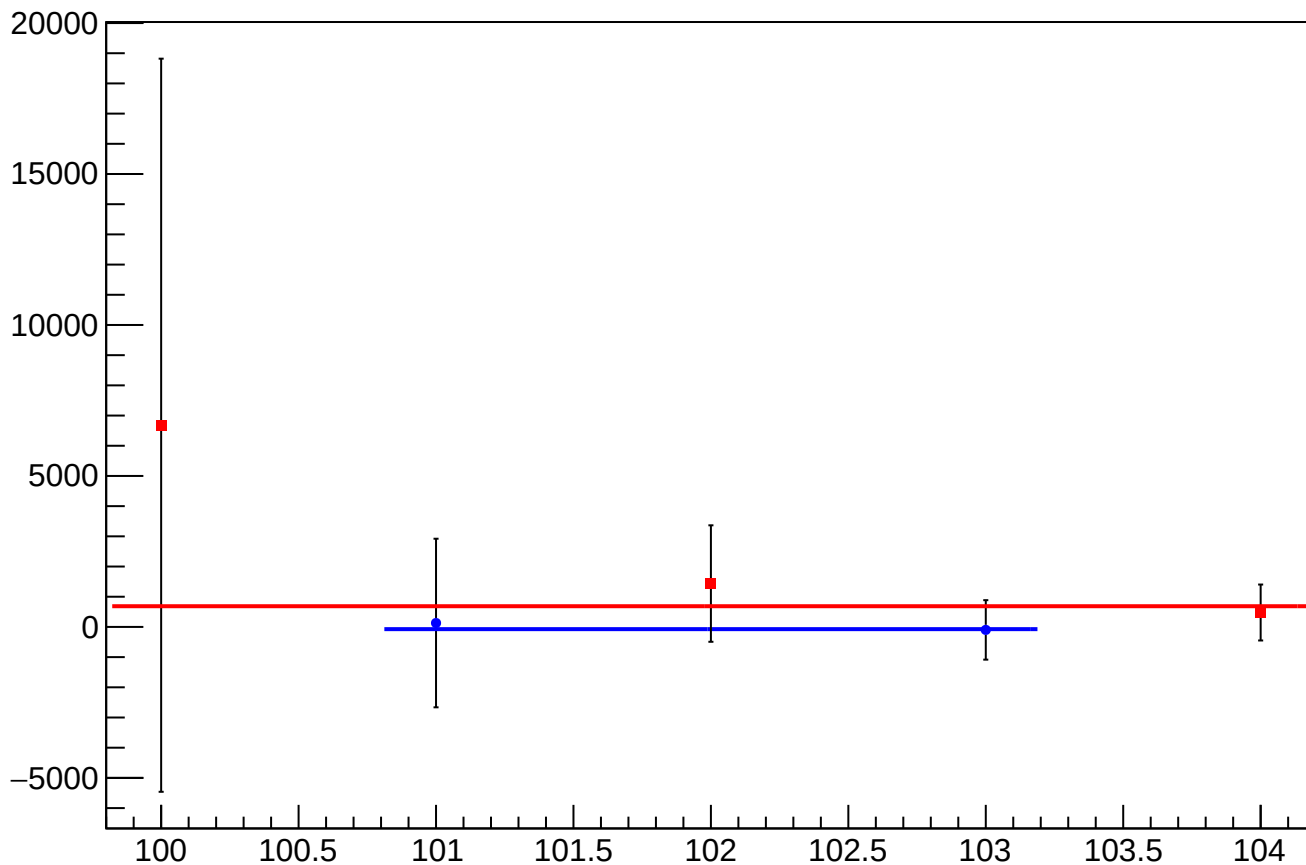
Right: 3111.025+/-1.602 χ^2/NDF : 833087.3/4

In: 3195.458+/-2.379 χ^2/NDF : 707769.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3111.025+/-1.602 χ^2/NDF : 833087.3/4

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -73.532+/-928.788 χ^2/NDF : 0.0/1

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

Right Out: 685.578+/-833.094 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

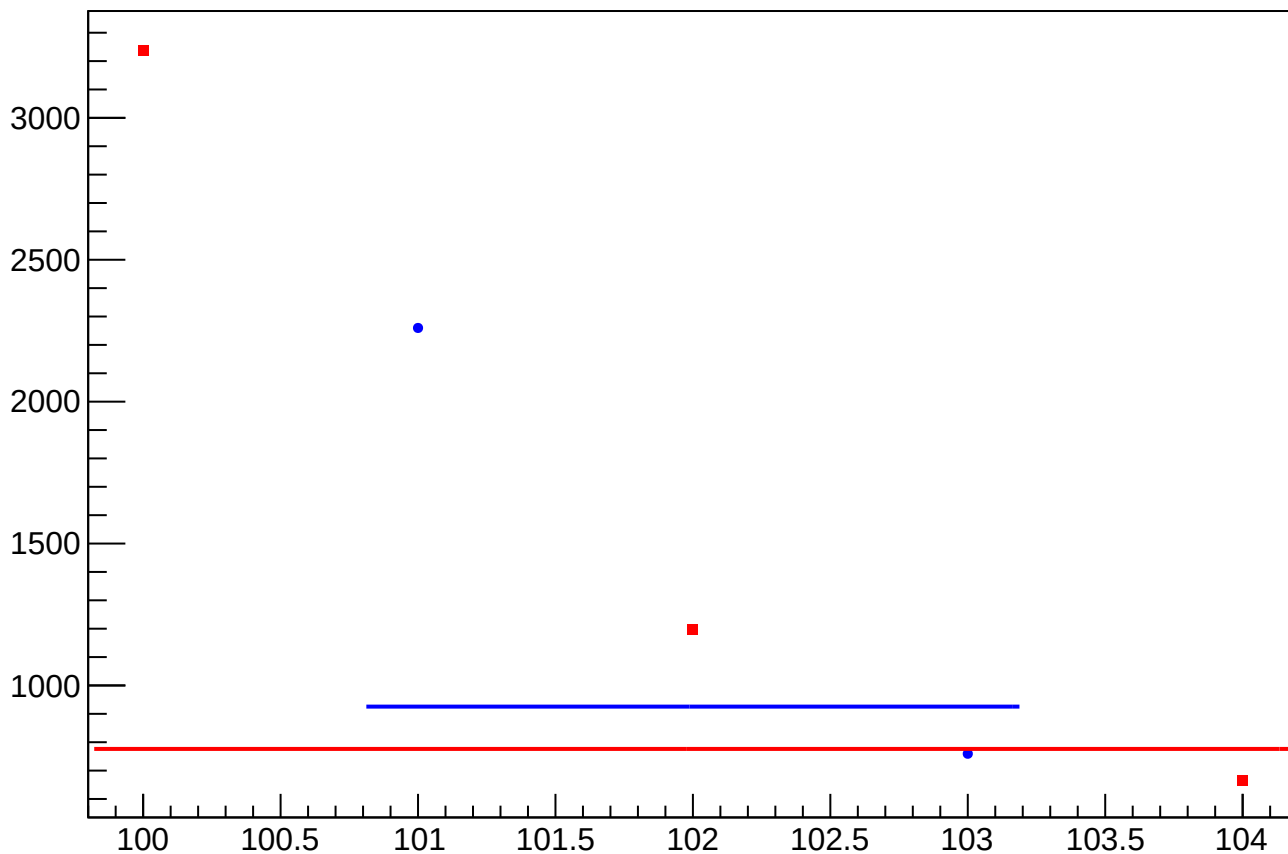
Right: 347.132+/-620.168 χ^2/NDF : 0.8/4

In: -73.532+/-928.788 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.132+/-620.168 χ^2/NDF : 0.8/4

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: 776.367+/-0.589 χ^2/NDF : 207023.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

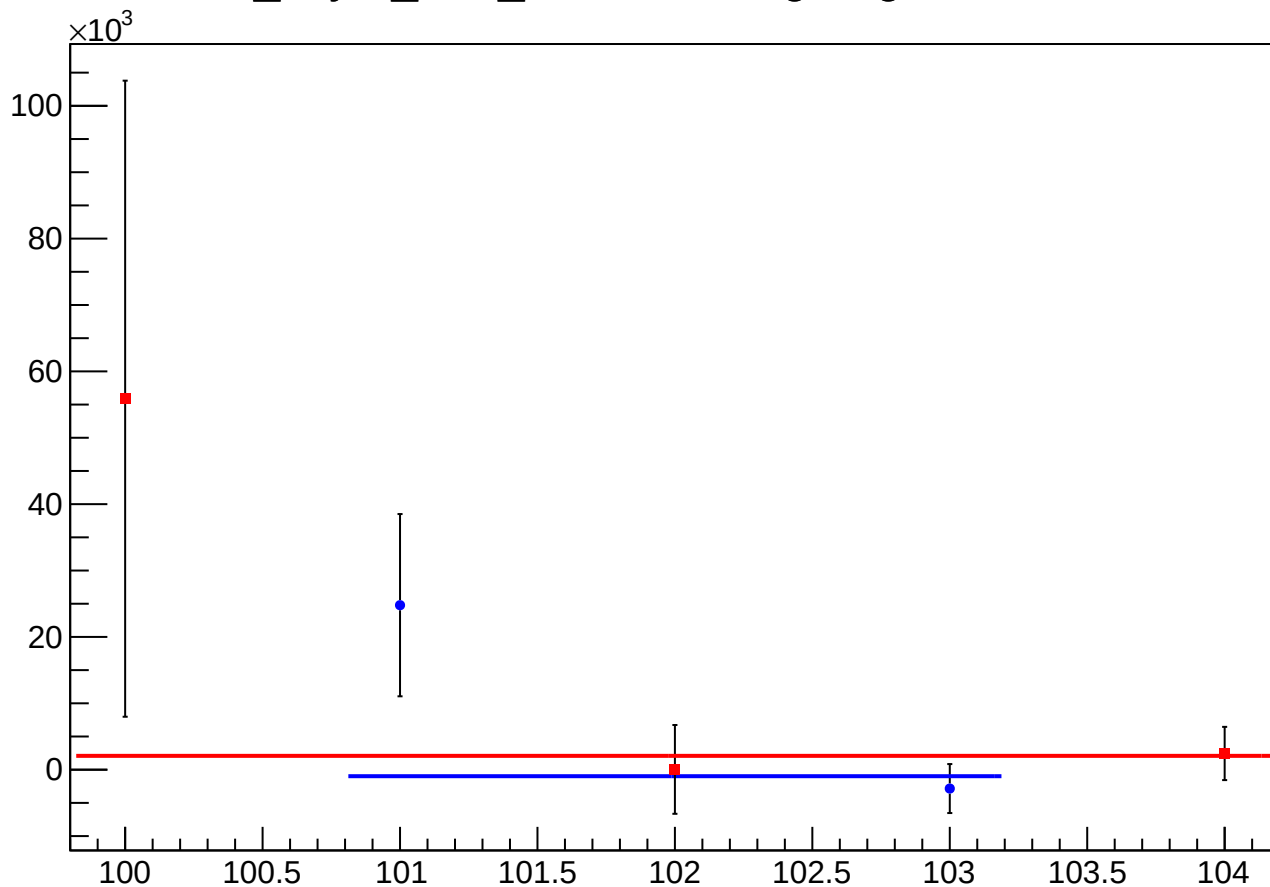
Right: 842.838+/-0.439 χ^2/NDF : 749311.7/4

In: 925.458+/-0.657 χ^2/NDF : 513730.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 842.838+/-0.439 χ^2/NDF : 749311.7/4

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: 2086.078+/-3429.915 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

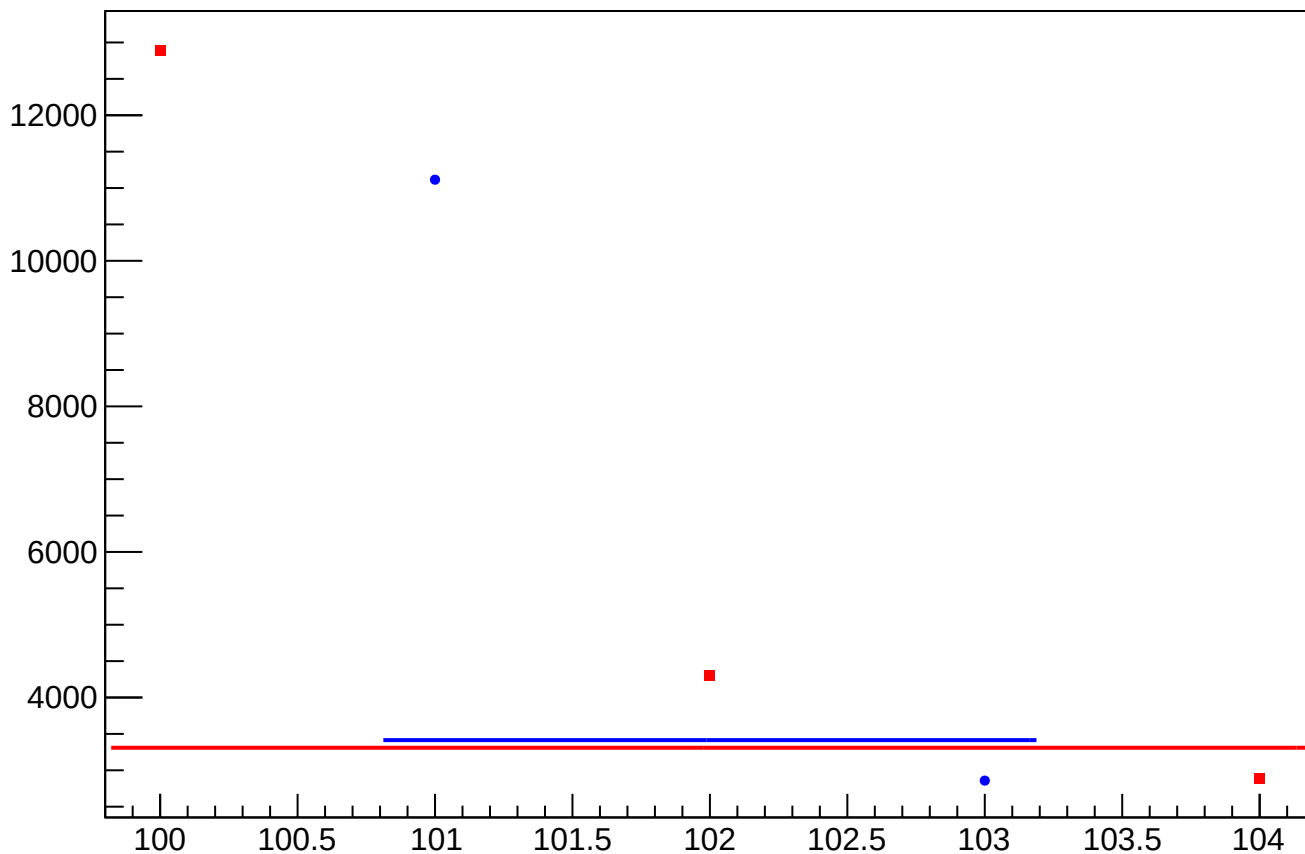
Right: 611.713+/-2471.028 χ^2/NDF : 5.5/4

In: -979.291+/-3563.005 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.713+/-2471.028 χ^2/NDF : 5.5/4

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: 3309.973+/-2.425 χ^2/NDF : 145705.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

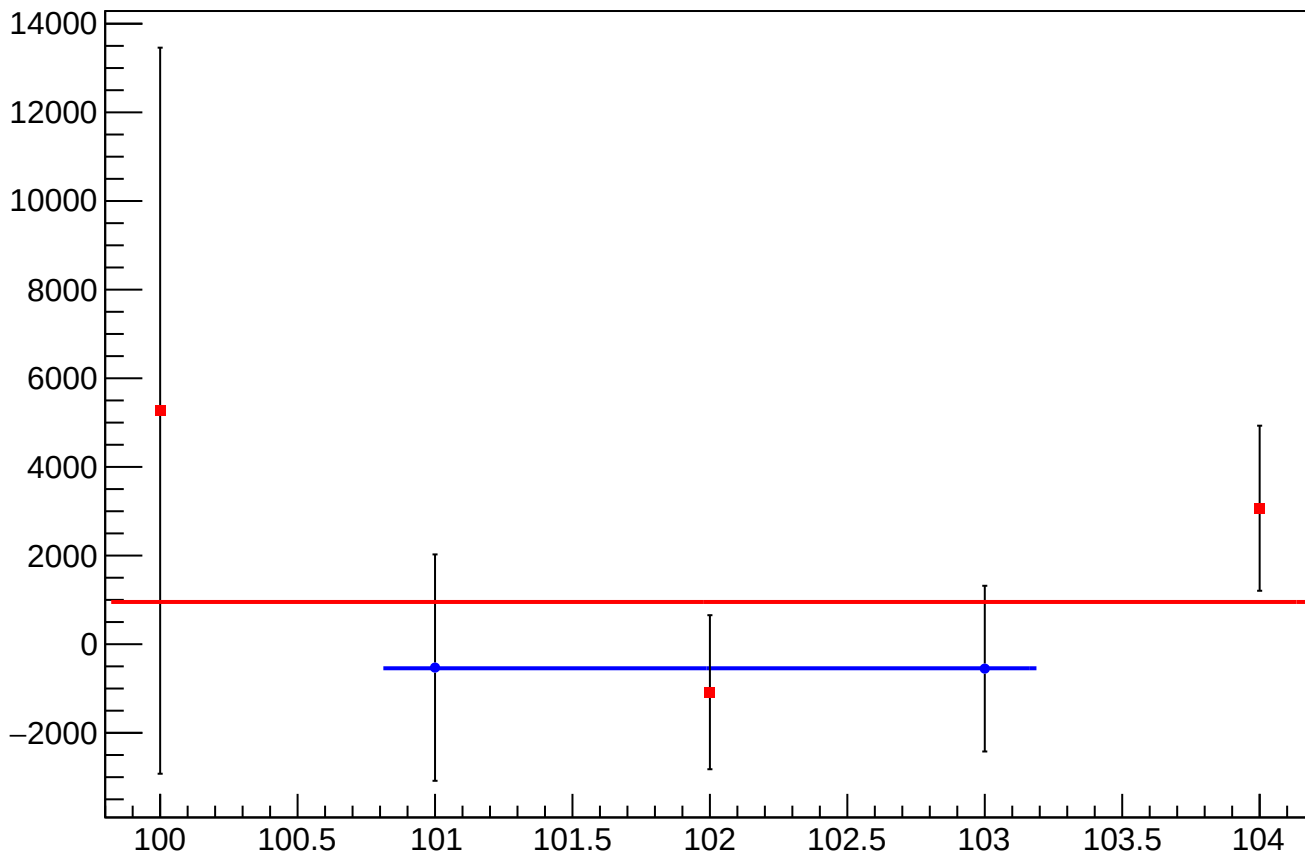
Right: 3360.244+/-1.747 χ^2/NDF : 821360.6/4

In: 3414.493+/-2.519 χ^2/NDF : 674762.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3360.244+/-1.747 χ^2/NDF : 821360.6/4

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: 953.045+/-1255.584 χ^2/NDF : 2.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

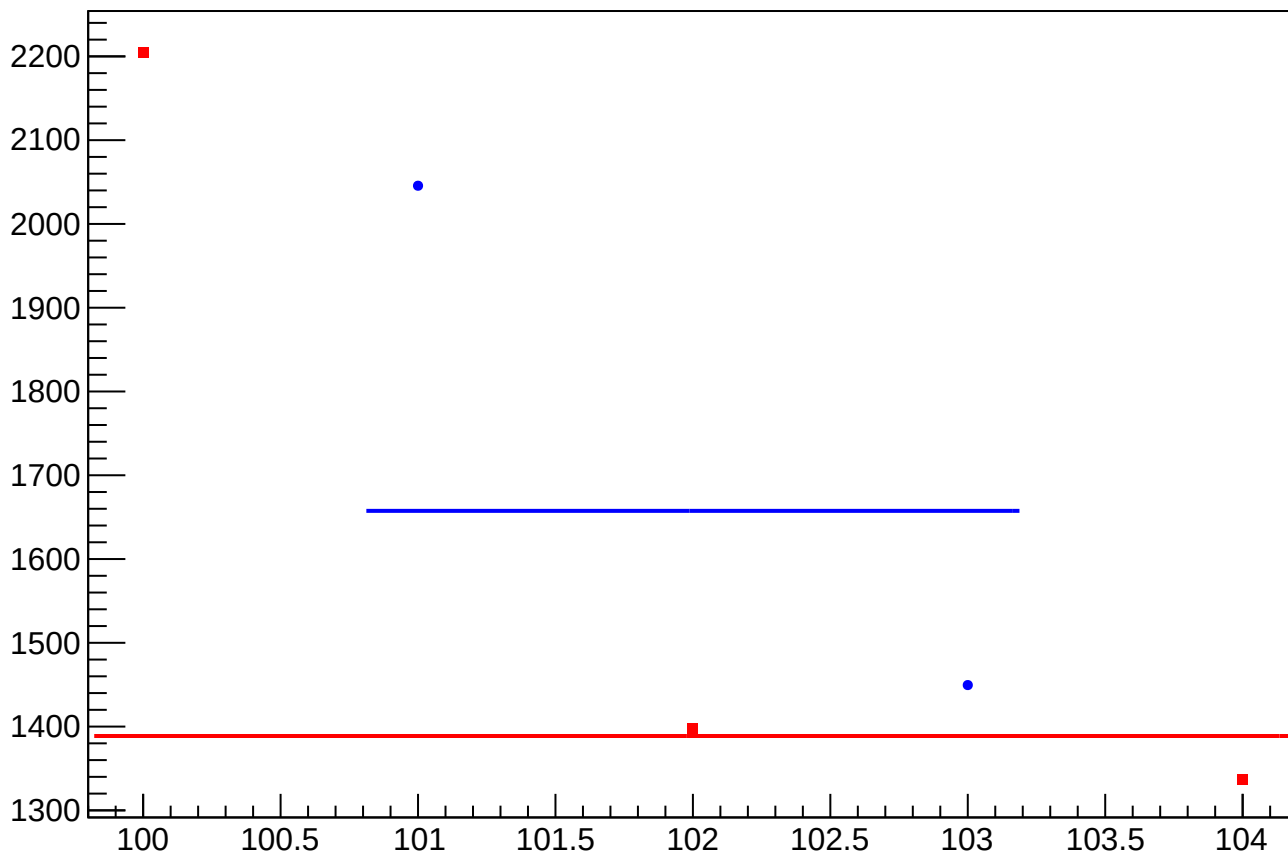
Right: 340.781+/-965.045 χ^2/NDF : 3.5/4

In: -543.019+/-1508.528 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.781+/-965.045 χ^2/NDF : 3.5/4

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: 1388.754+/-0.888 χ^2/NDF : 21460.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

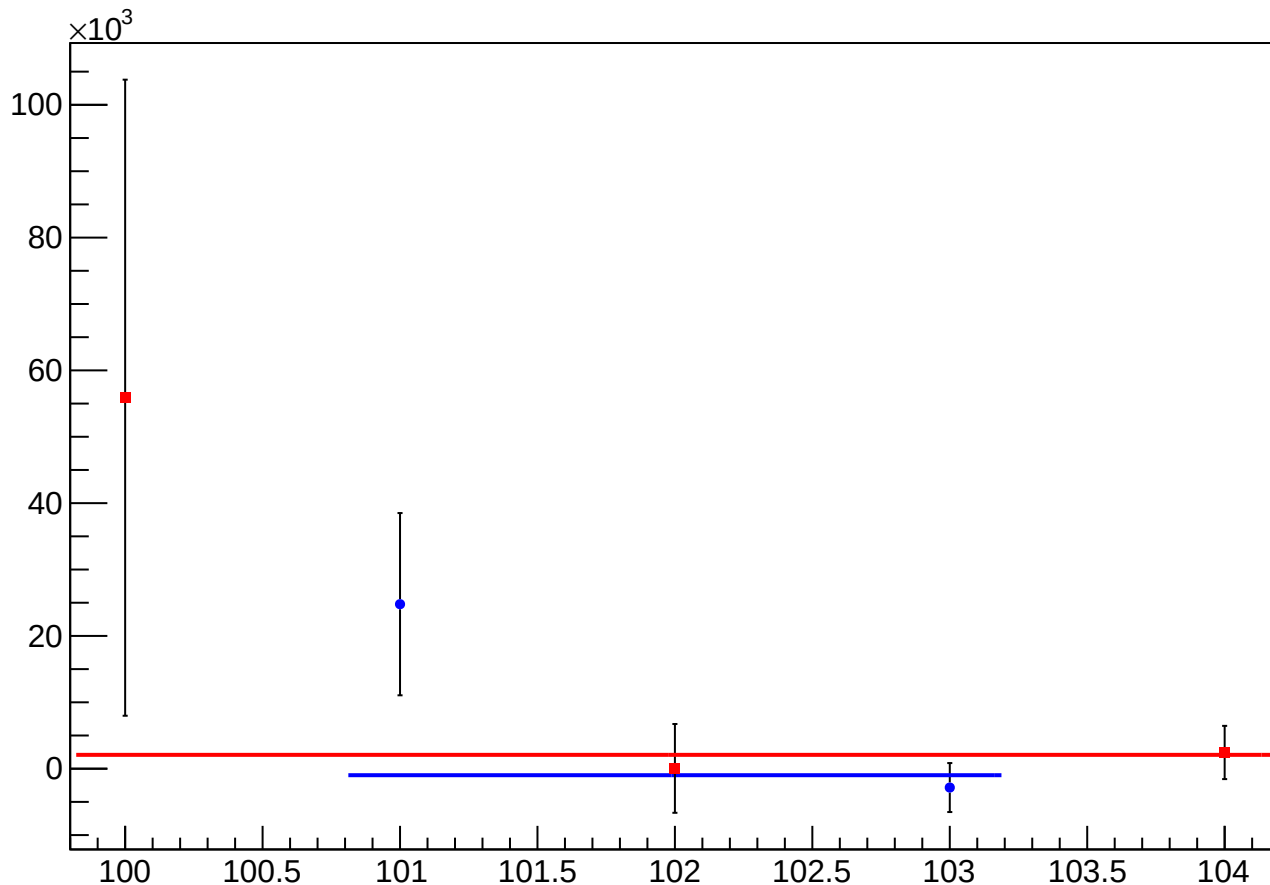
Right: 1498.740+/-0.682 χ^2/NDF : 129888.4/4

In: 1657.503+/-1.067 χ^2/NDF : 70928.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.740+/-0.682 χ^2/NDF : 129888.4/4

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: 2086.066+/-3429.914 χ^2 /NDF: 1.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

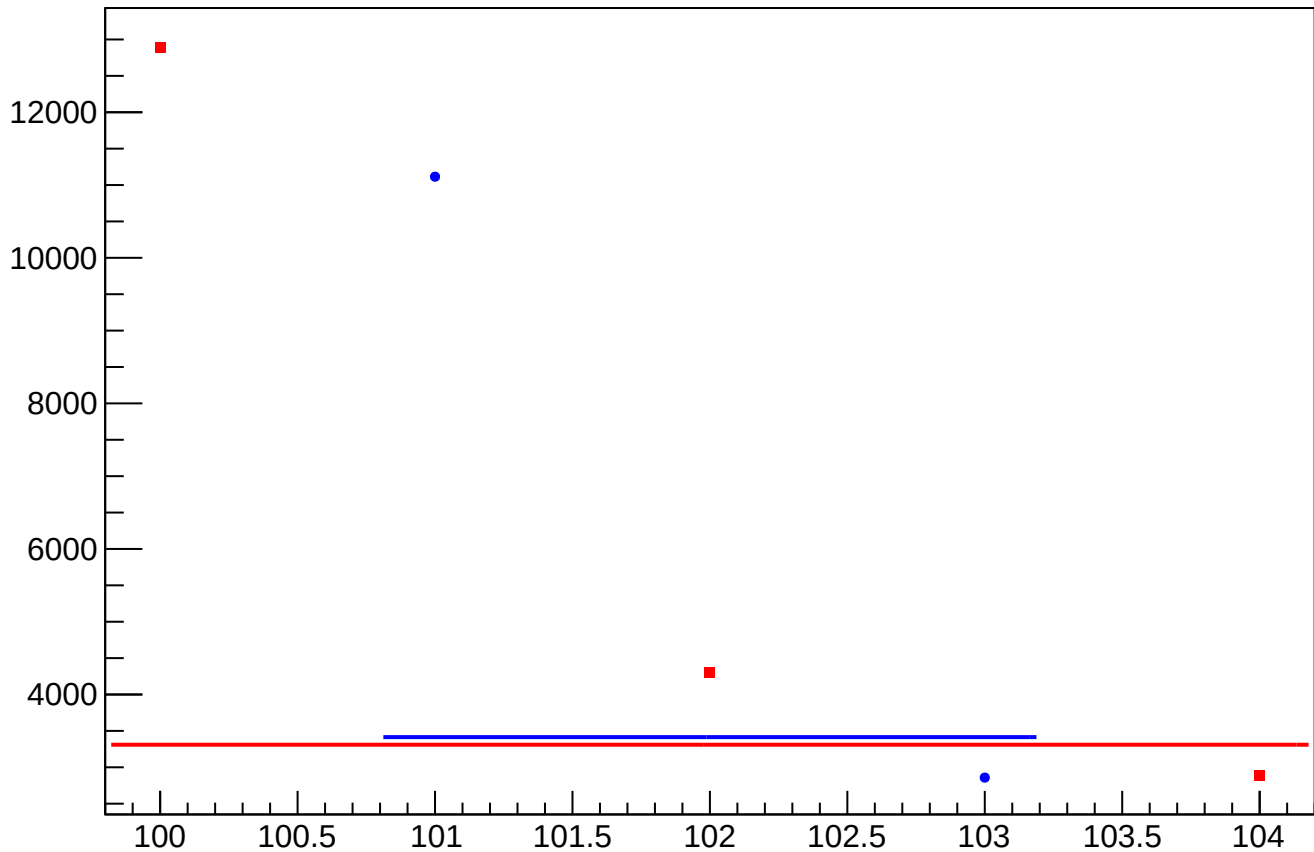
Right: 611.705+/-2471.027 χ^2 /NDF: 5.5/4

In: -979.295+/-3563.003 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 611.705+/-2471.027 χ^2 /NDF: 5.5/4

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: 3309.971+/-2.425 χ^2/NDF : 145705.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

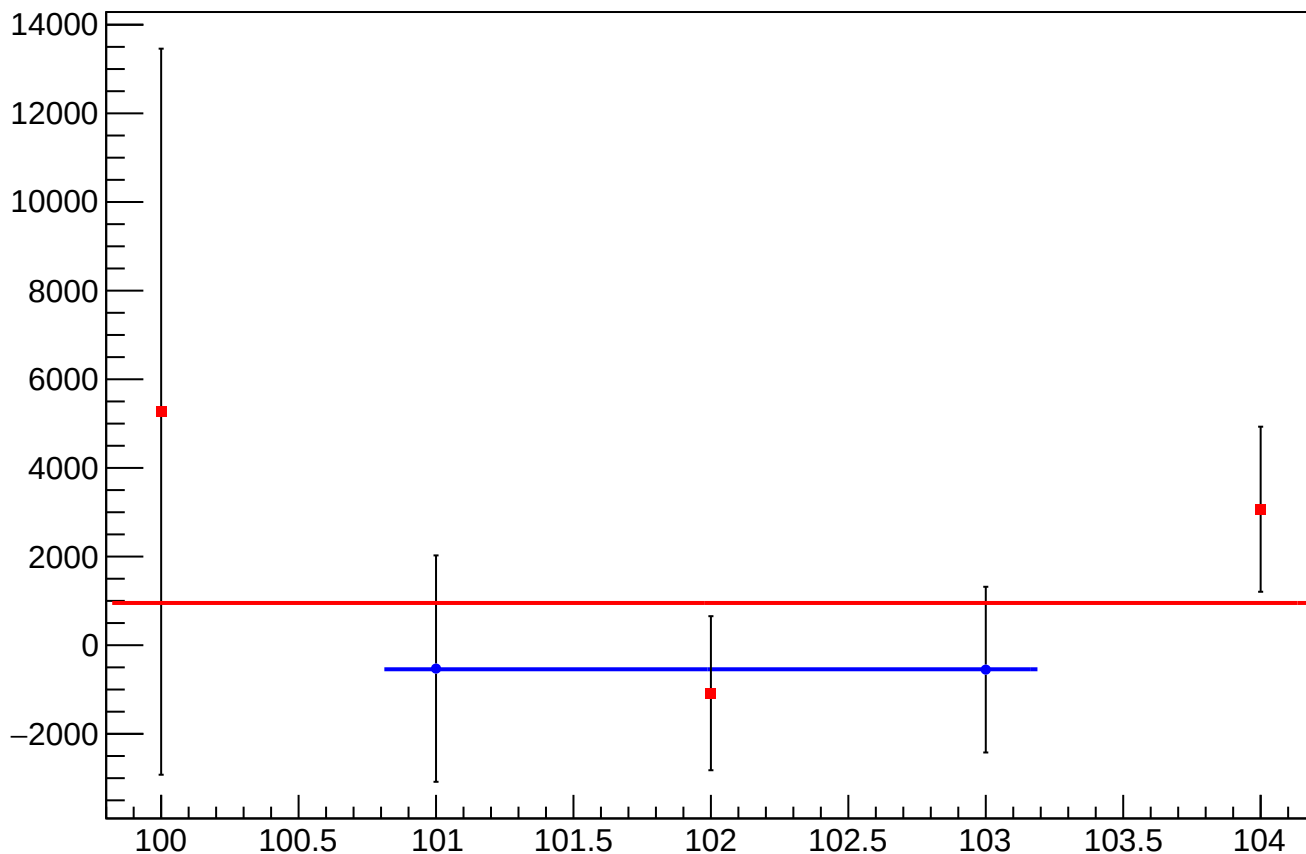
Right: 3360.242+/-1.747 χ^2/NDF : 821360.9/4

In: 3414.491+/-2.519 χ^2/NDF : 674762.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3360.242+/-1.747 χ^2/NDF : 821360.9/4

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: 953.040+/-1255.580 χ^2/NDF : 2.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

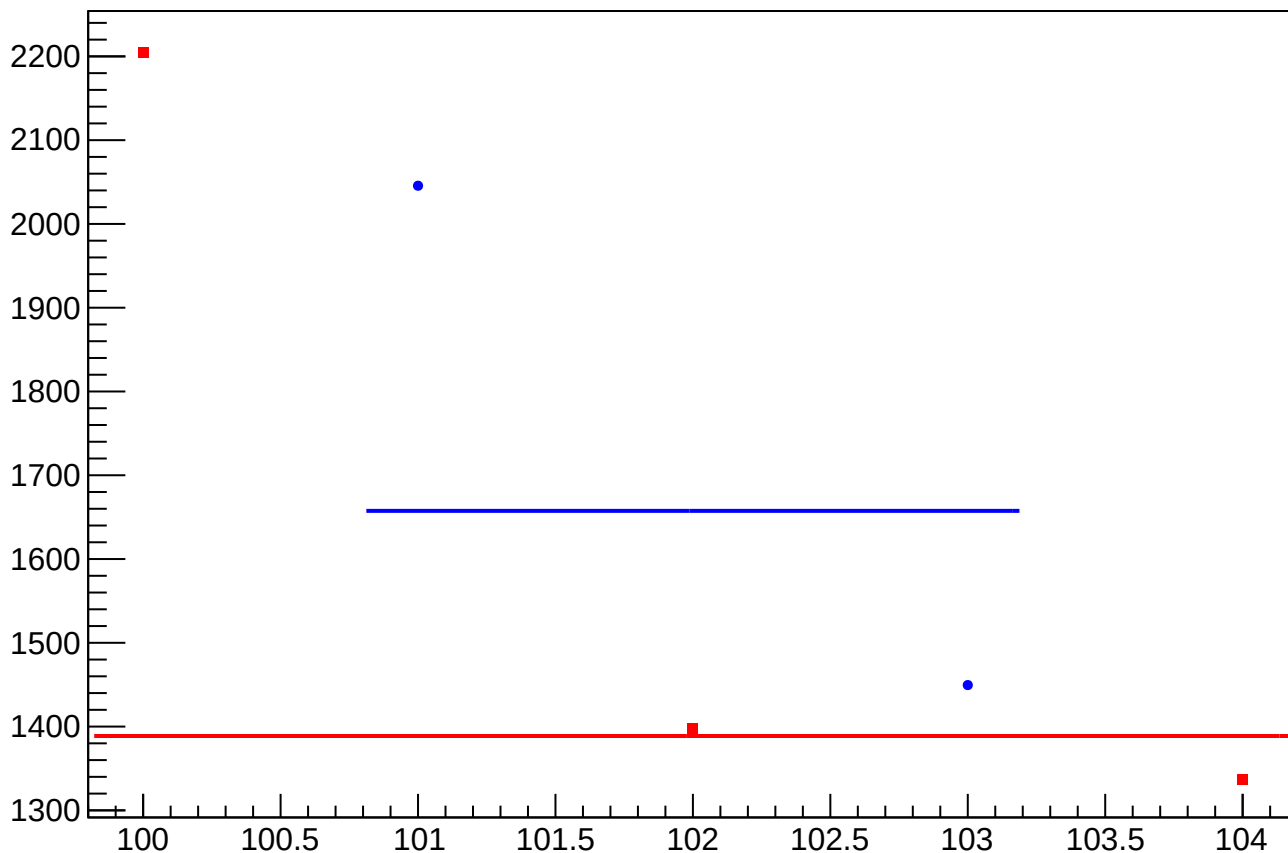
Right: 340.779+/-965.042 χ^2/NDF : 3.5/4

In: -543.018+/-1508.523 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.779+/-965.042 χ^2/NDF : 3.5/4

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: 1388.750+/-0.888 χ^2/NDF : 21460.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

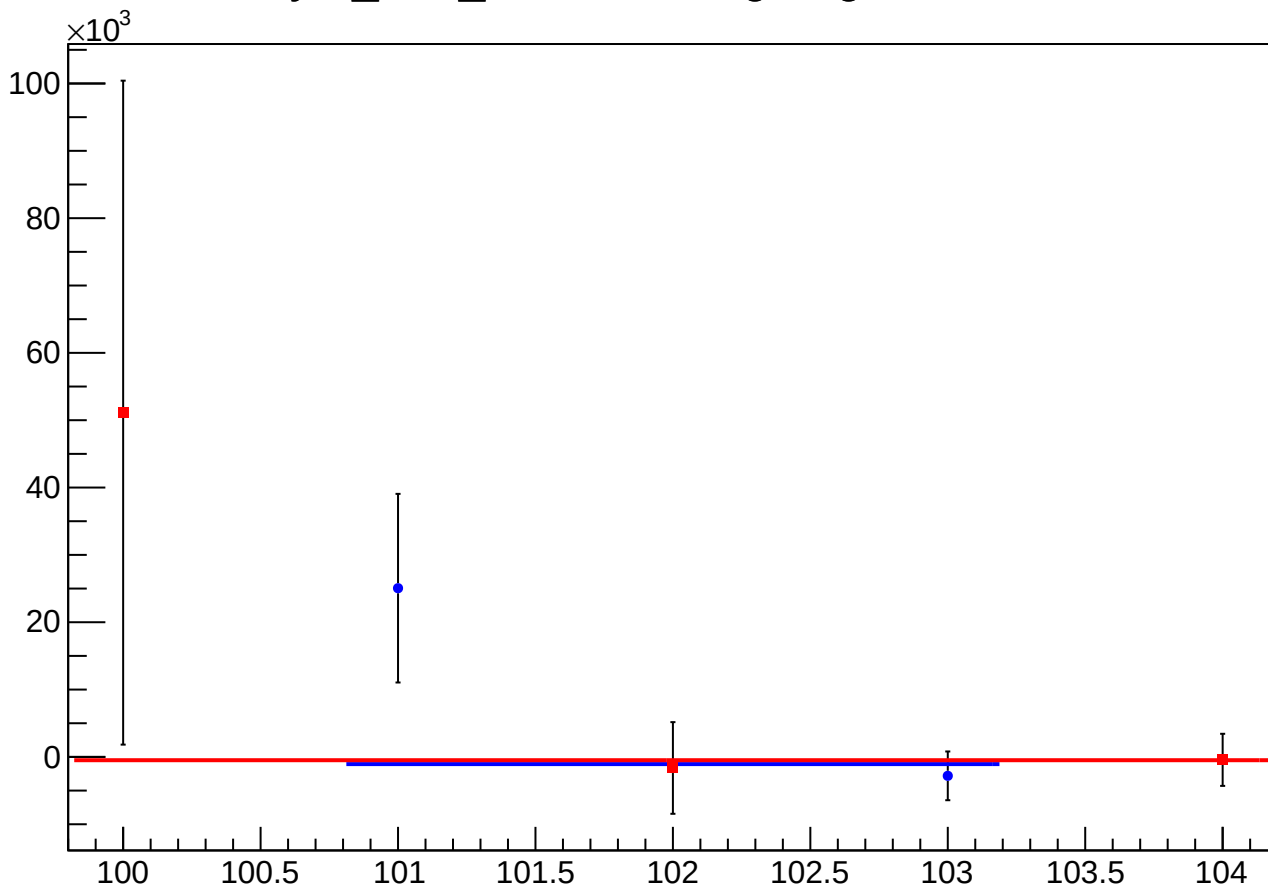
Right: 1498.735+/-0.682 χ^2/NDF : 129889.3/4

In: 1657.498+/-1.067 χ^2/NDF : 70929.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.735+/-0.682 χ^2/NDF : 129889.3/4

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: -489.482+/-3354.732 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

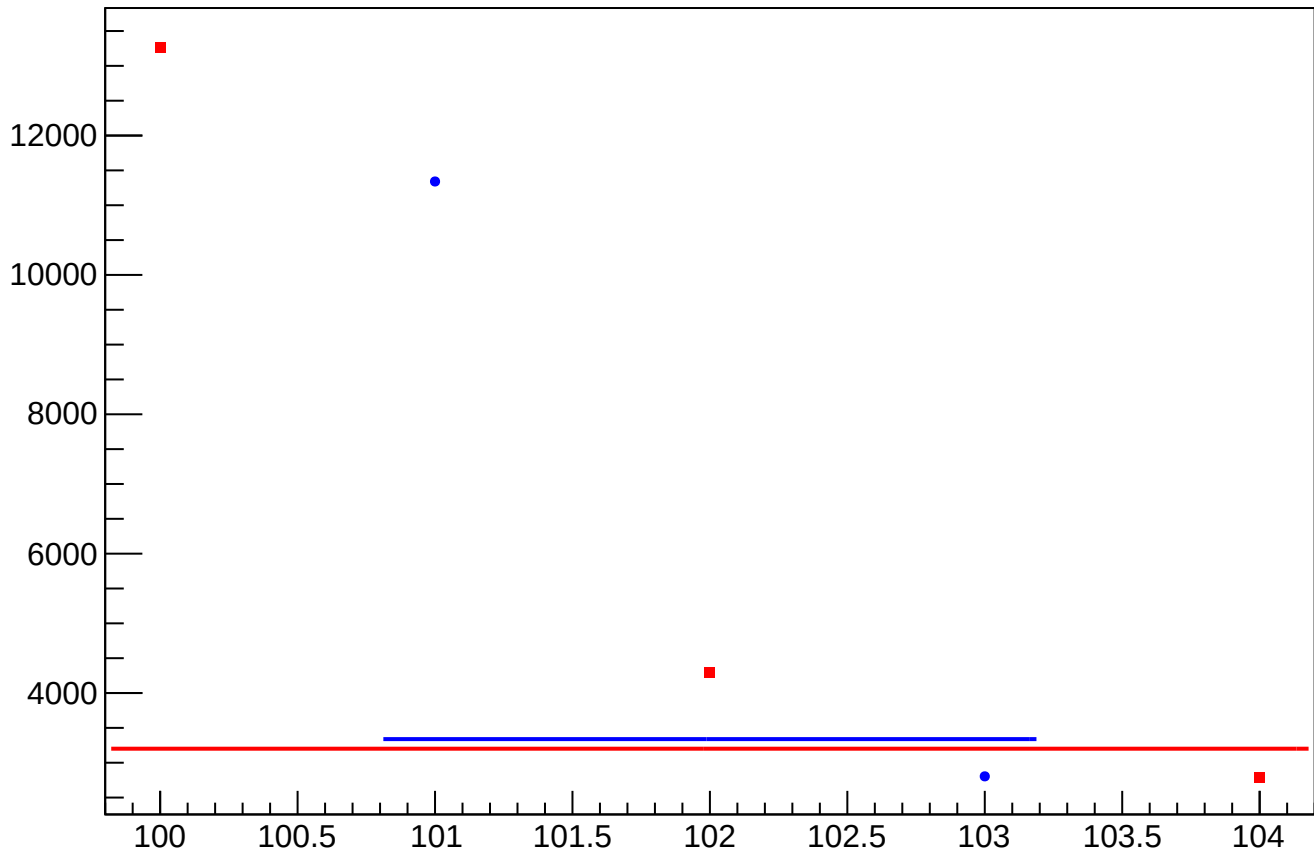
Right: -765.520+/-2423.291 χ^2/NDF : 4.9/4

In: -1066.712+/-3504.257 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -765.520+/-2423.291 χ^2/NDF : 4.9/4

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: 3201.168+/-2.372 χ^2/NDF : 157991.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

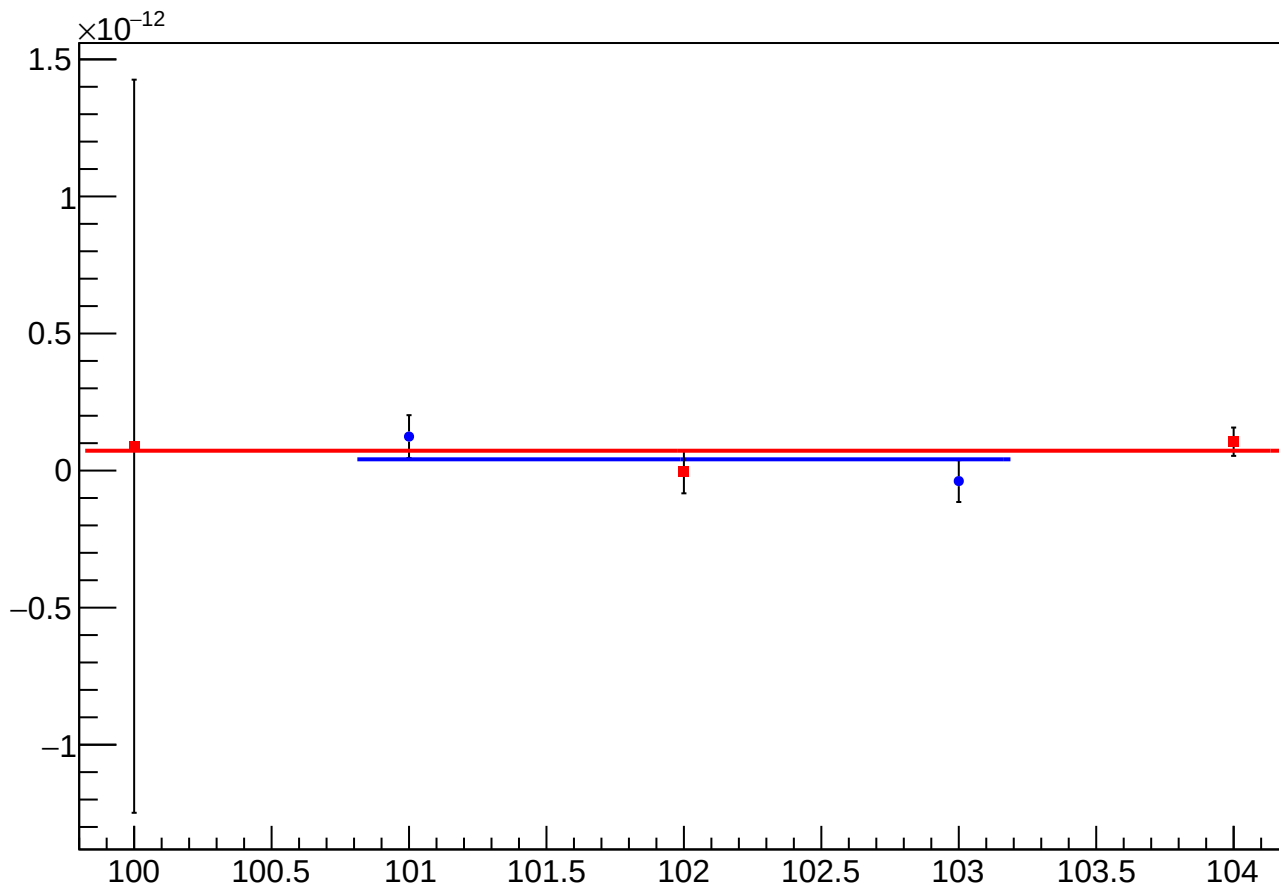
Right: 3267.002+/-1.714 χ^2/NDF : 856083.0/4

In: 3338.837+/-2.478 χ^2/NDF : 696480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3267.002+/-1.714 χ^2/NDF : 856083.0/4

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

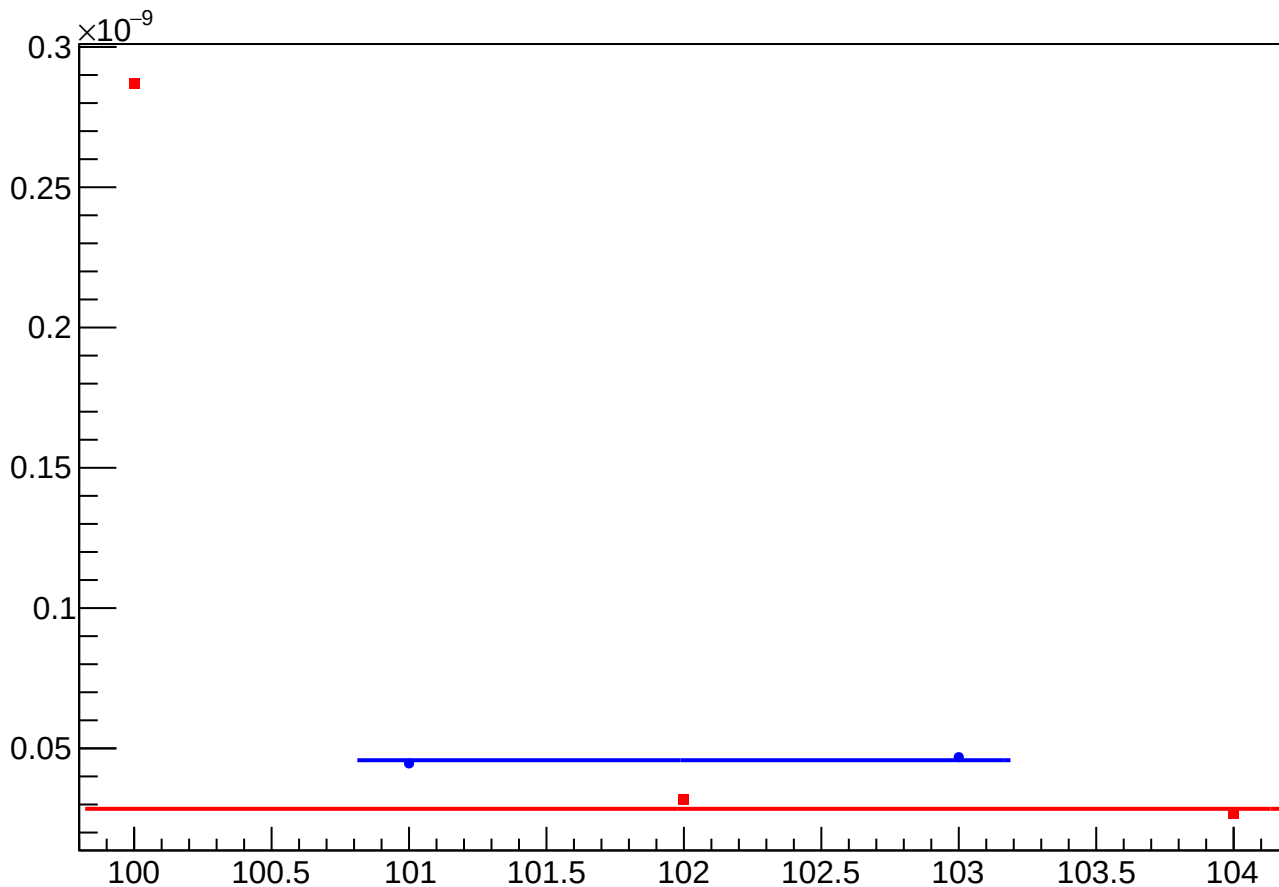
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 3.8/4

In: 0.000 $\pm$ 0.000 χ^2/NDF : 2.2/1

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3.8/4

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 : 80256.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

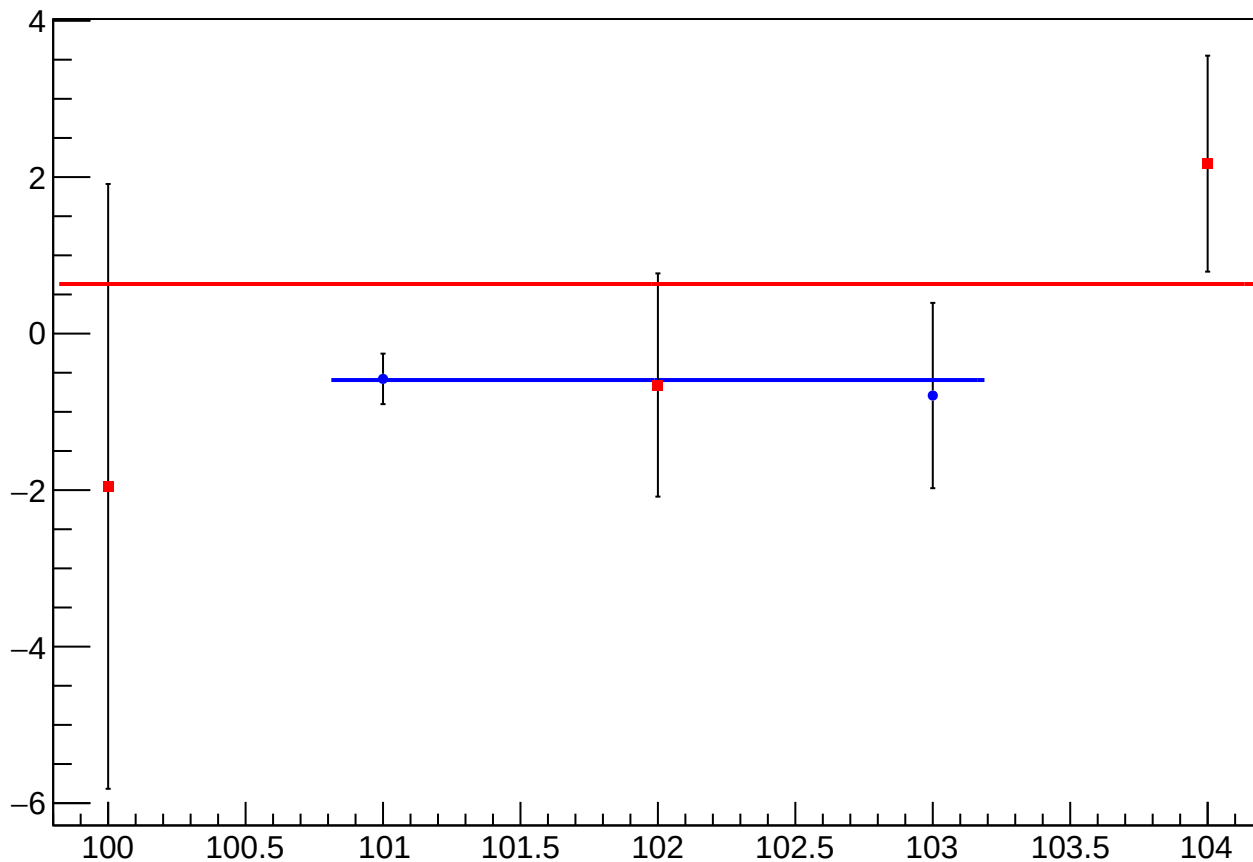
Right: 0.000+/-0.000 χ^2/NDF : 204888.7/4

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 : 204888.7/4

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.593+/-0.311 χ^2/NDF : 0.0/1

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

Right Out: 0.634+/-0.961 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

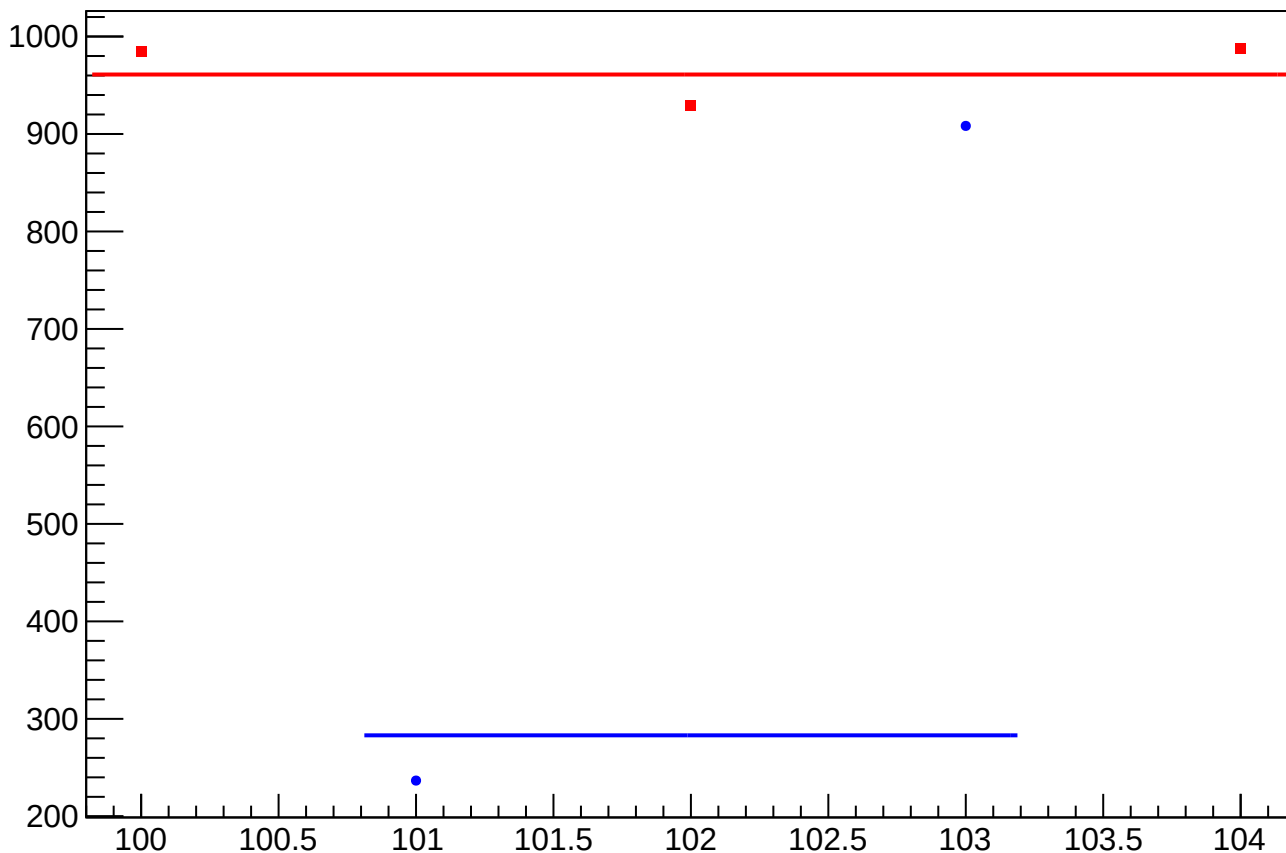
Right: -0.477+/-0.296 χ^2/NDF : 4.0/4

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.477+/-0.296 χ^2/NDF : 4.0/4

asym_atr1_dit_vs_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: 961.012 $\pm$ 0.679 χ^2 /NDF: 1798.4/2

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

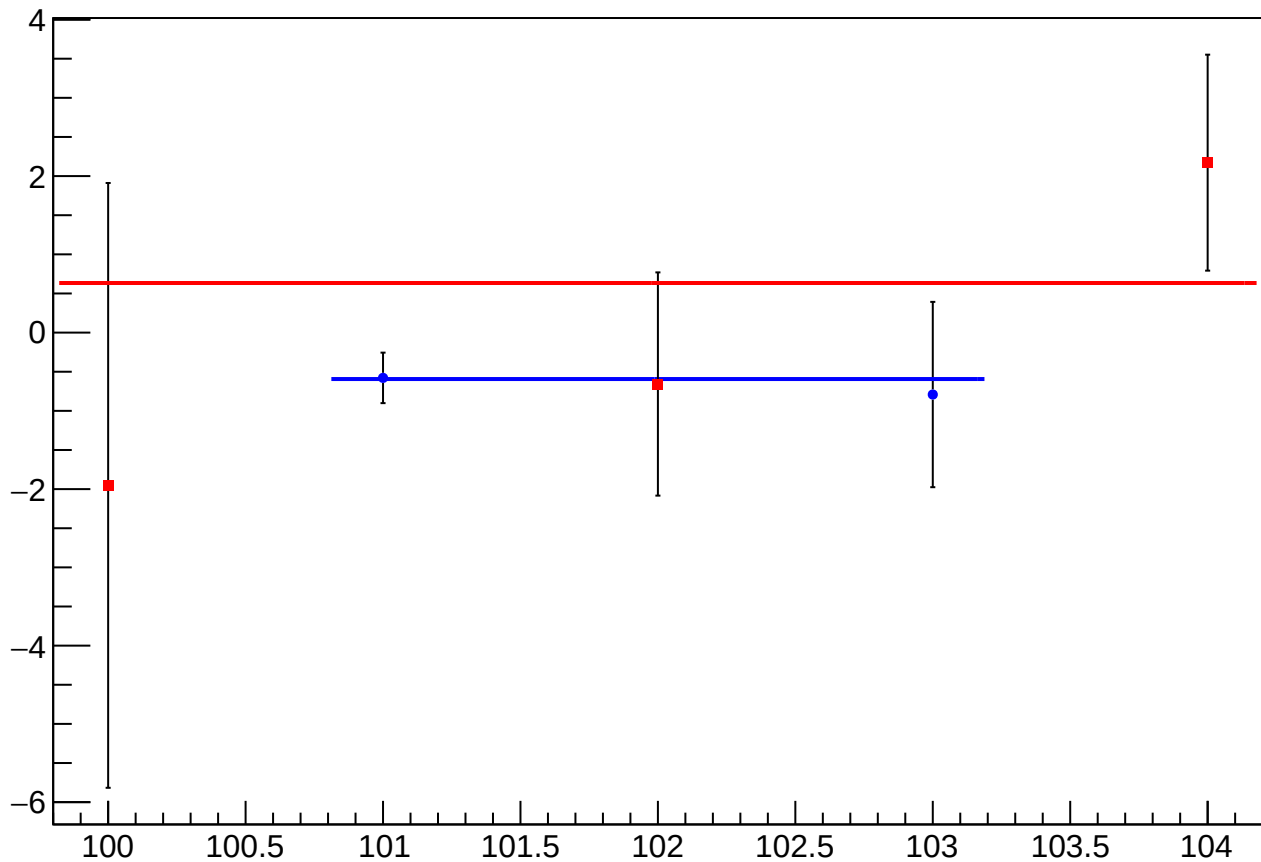
Right: 347.514 $\pm$ 0.209 χ^2 /NDF: 1502317.9/4

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: 347.514 $\pm$ 0.209 χ^2 /NDF: 1502317.9/4

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: 0.634+/-0.961 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

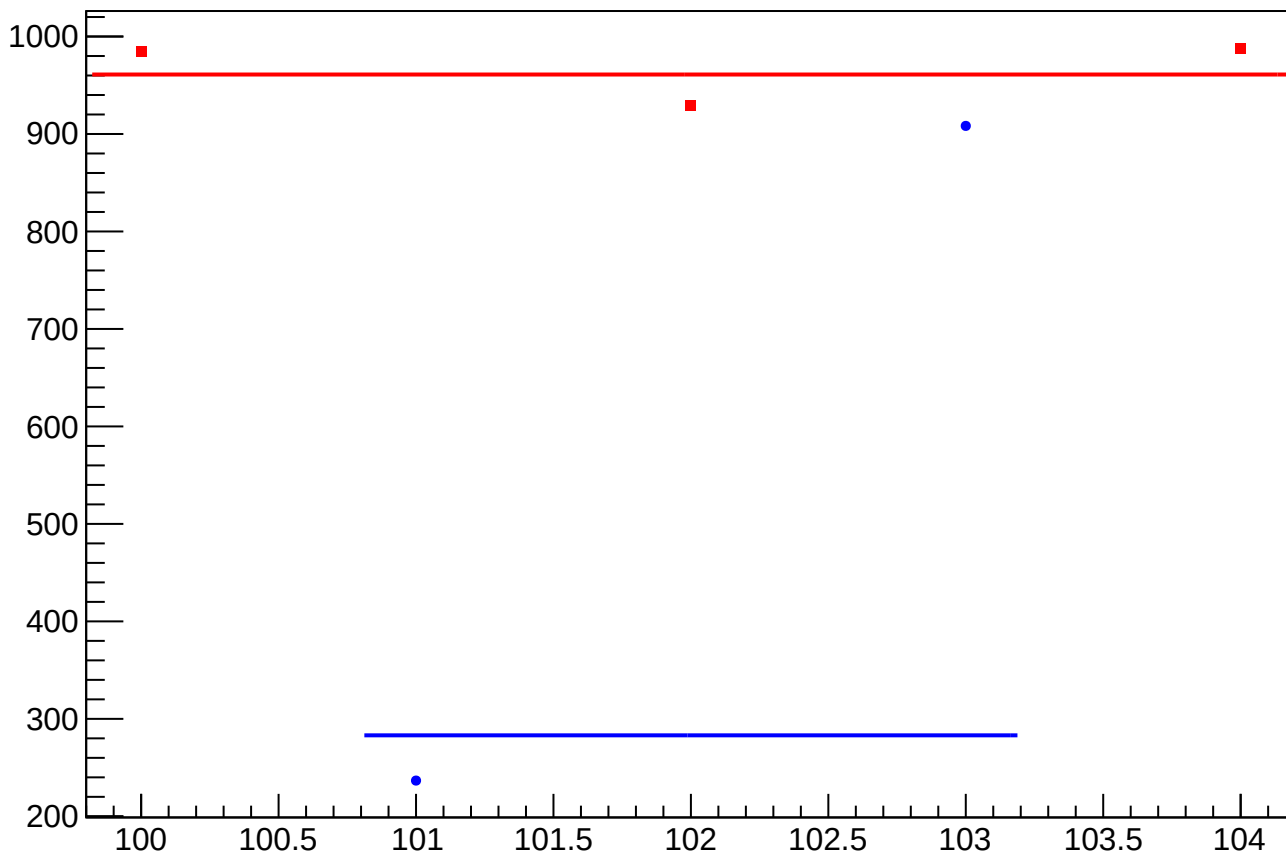
Right: -0.477+/-0.296 χ^2/NDF : 4.0/4

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.477+/-0.296 χ^2/NDF : 4.0/4

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

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

Right Out: 961.012+/-0.679 χ^2/NDF : 1798.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

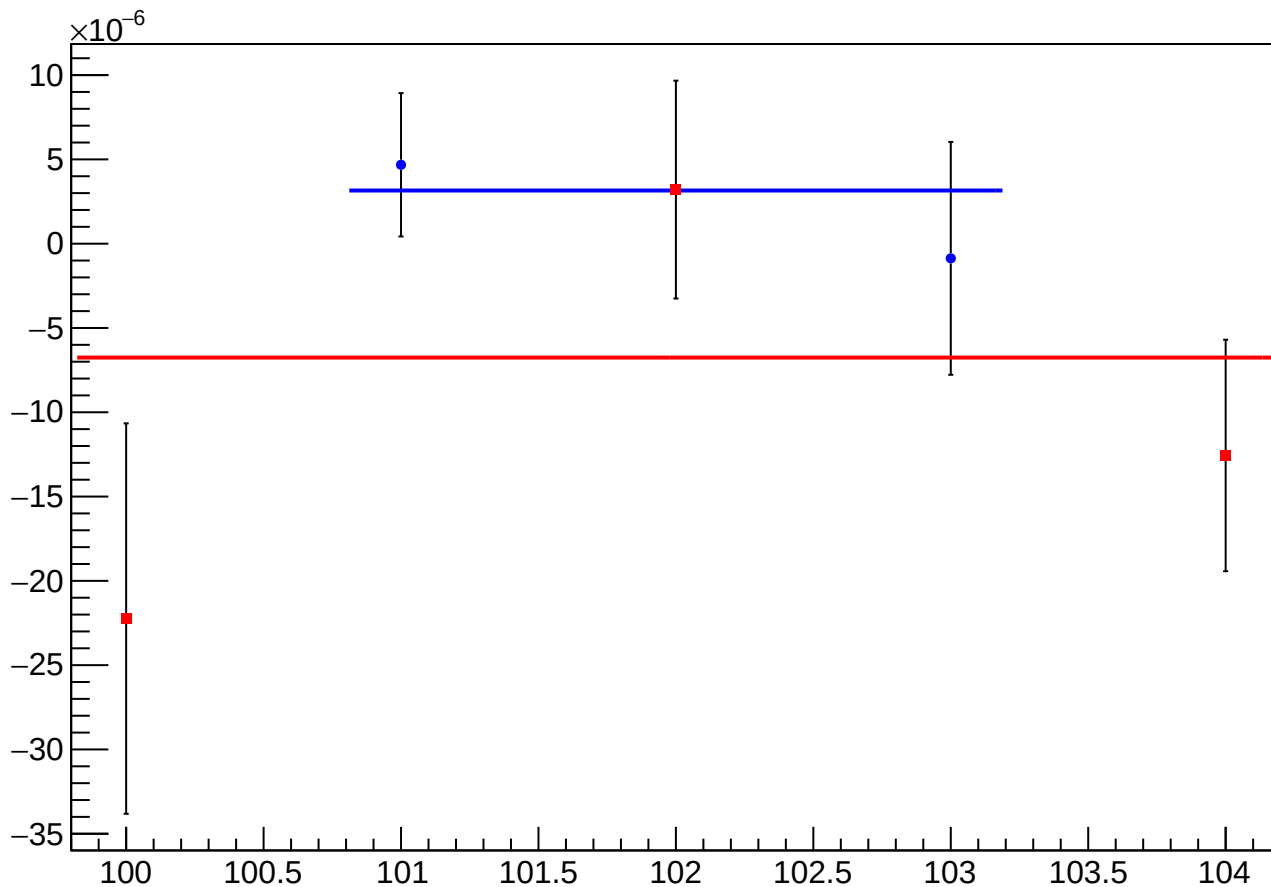
Right: 347.514+/-0.209 χ^2/NDF : 1502317.9/4

In: 283.098+/-0.220 χ^2/NDF : 599025.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.514+/-0.209 χ^2/NDF : 1502317.9/4

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 : 4.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

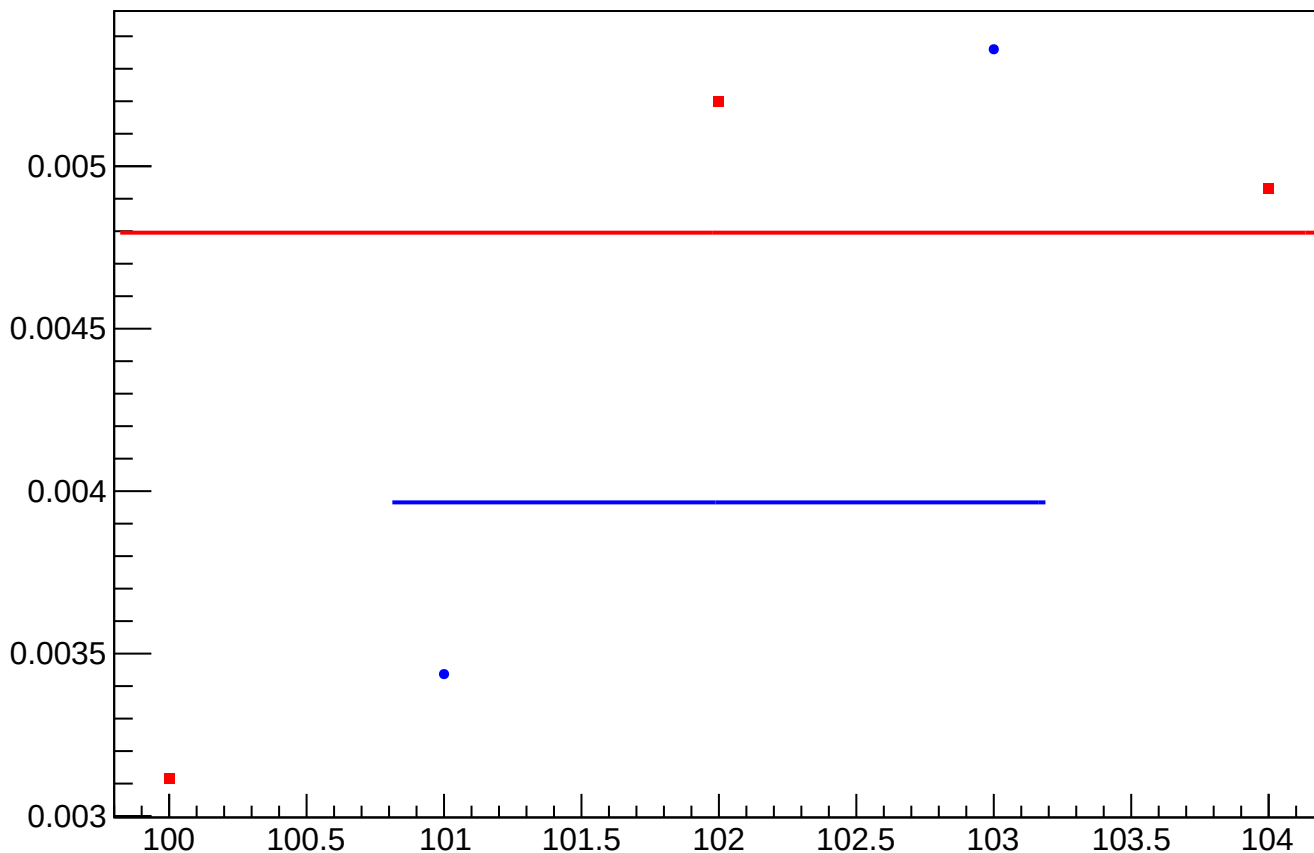
Right: -0.000+/-0.000 χ^2/NDF : 8.4/4

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 : 8.4/4

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: 0.005+/-0.000 χ^2/NDF : 50577.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

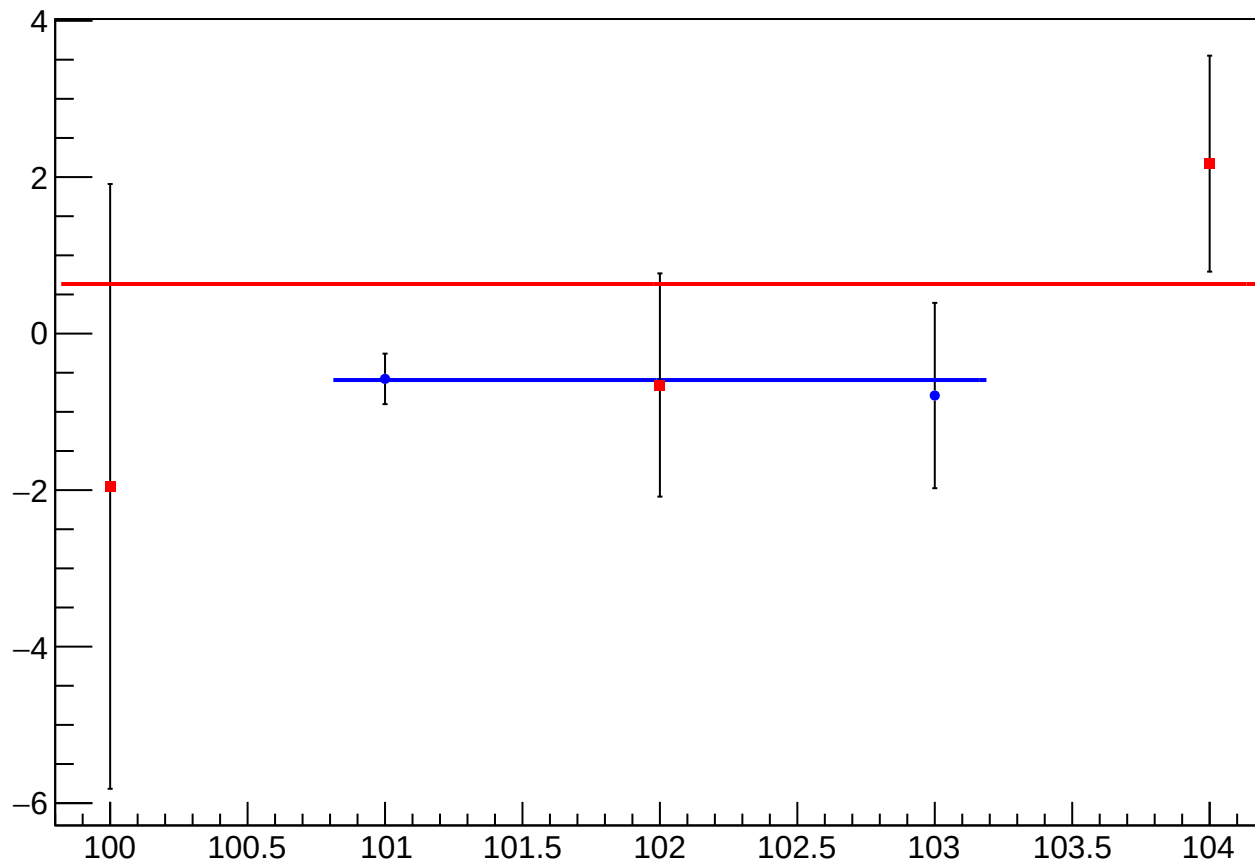
Right: 0.004+/-0.000 χ^2/NDF : 205956.4/4

In: 0.004+/-0.000 χ^2/NDF : 112453.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 205956.4/4

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: 0.634+/-0.961 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

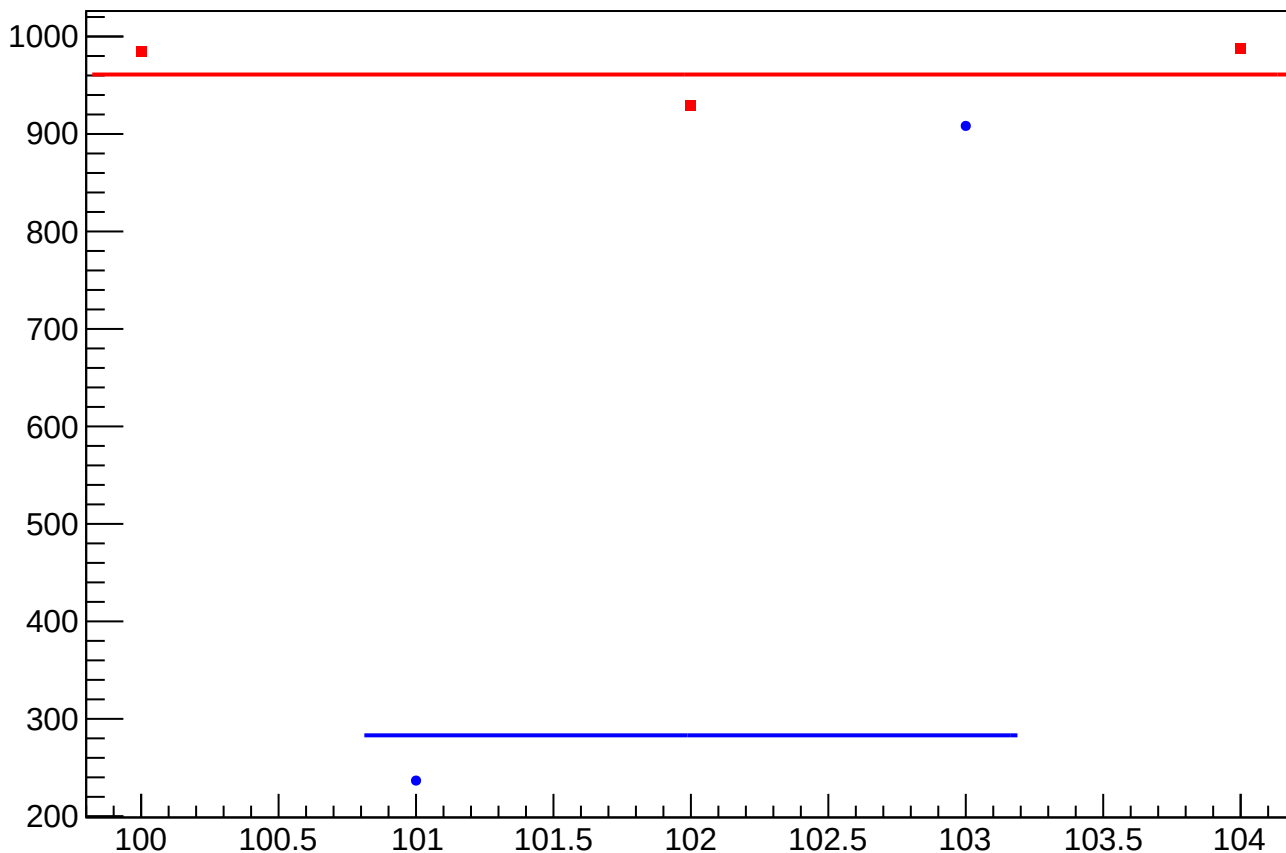
Right: -0.477+/-0.296 χ^2/NDF : 4.0/4

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.477+/-0.296 χ^2/NDF : 4.0/4

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: 961.009+/-0.679 χ^2/NDF : 1798.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

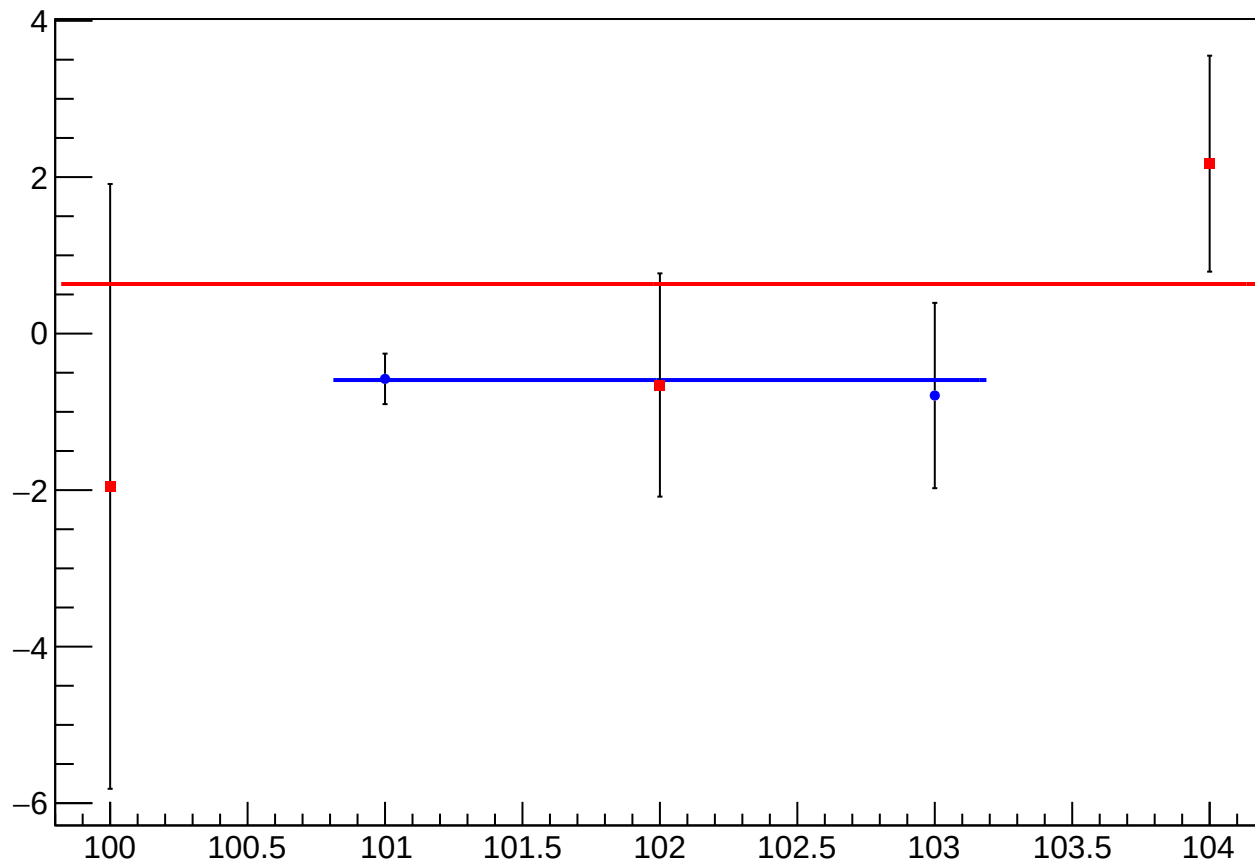
Right: 347.516+/-0.209 χ^2/NDF : 1502305.6/4

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.516+/-0.209 χ^2/NDF : 1502305.6/4

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: 0.634+/-0.961 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

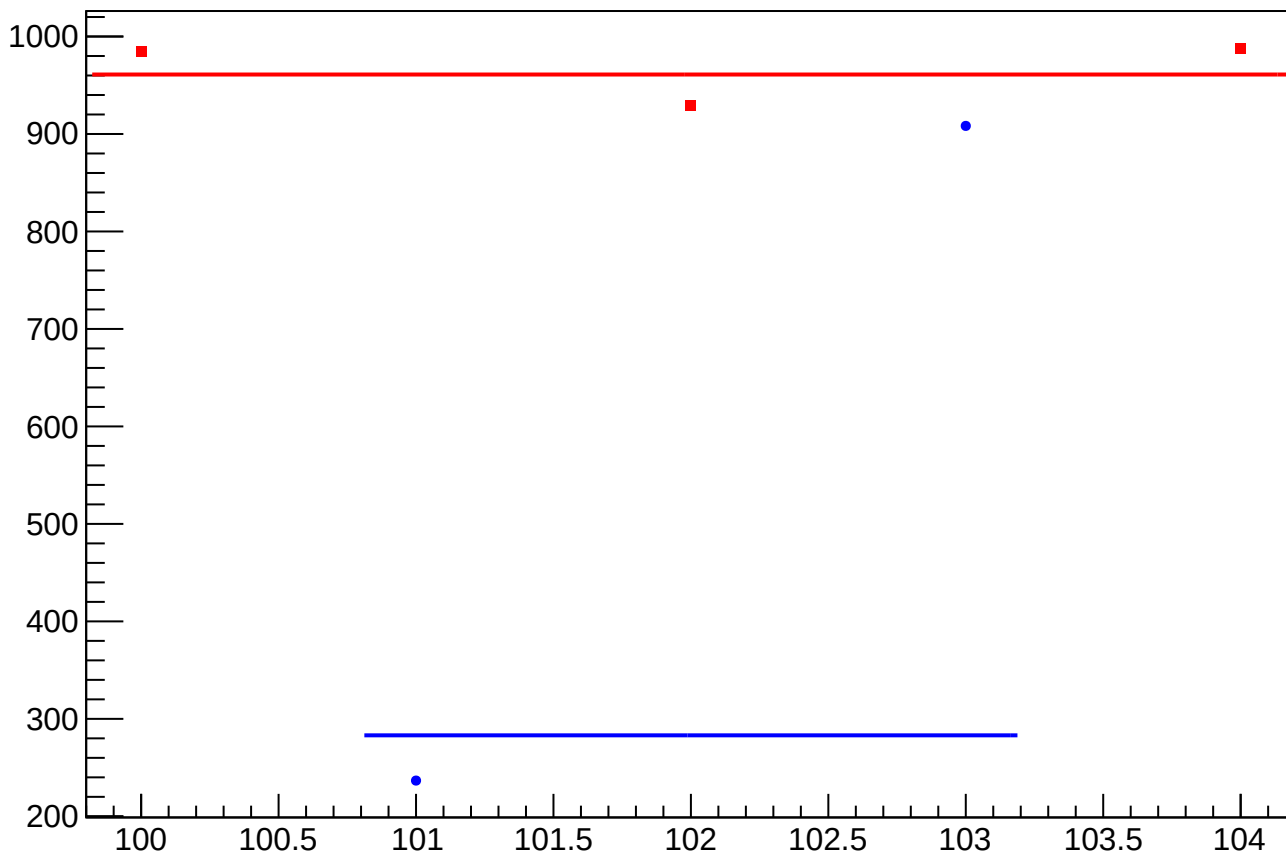
Right: -0.477+/-0.296 χ^2/NDF : 4.0/4

In: -0.593+/-0.311 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.477+/-0.296 χ^2/NDF : 4.0/4

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: 961.009+/-0.679 χ^2/NDF : 1798.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

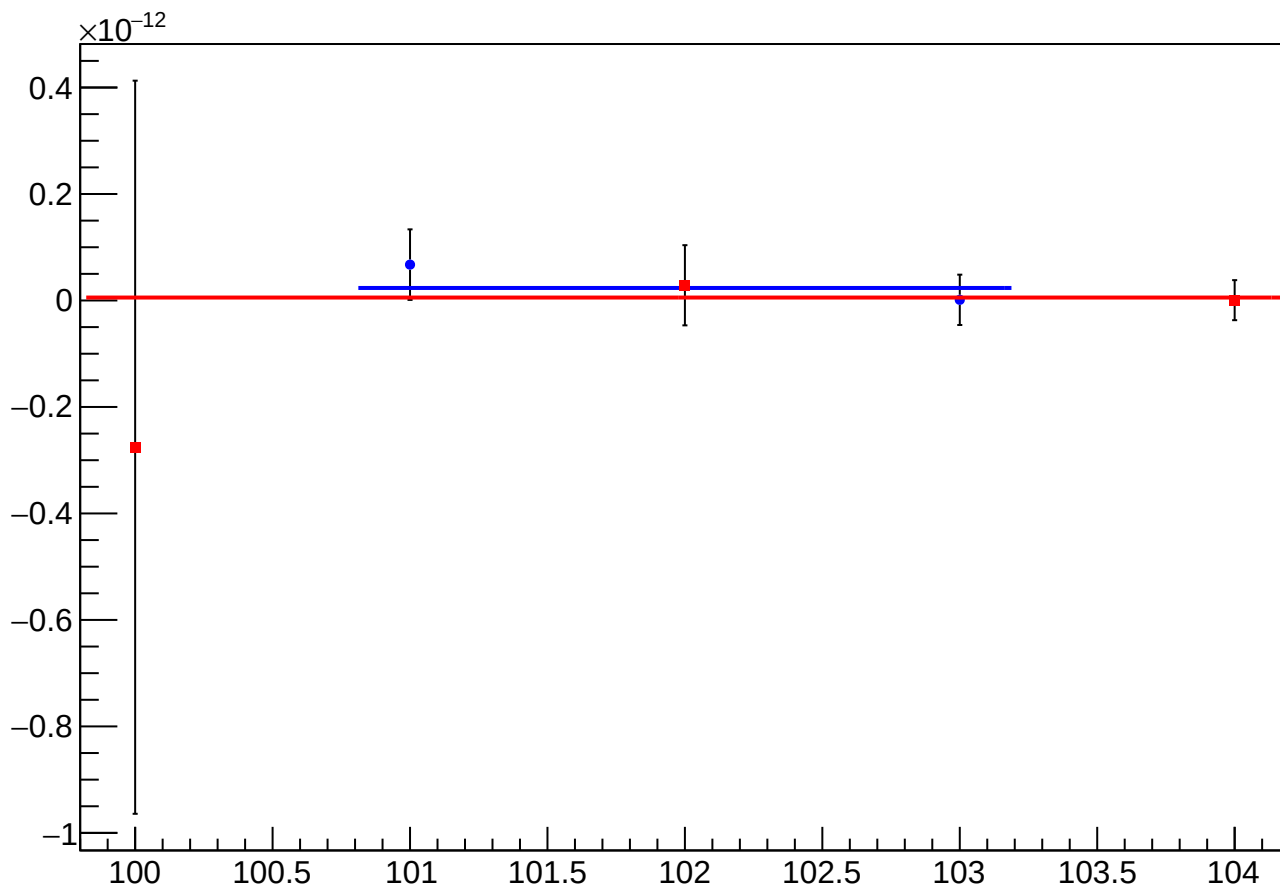
Right: 347.516+/-0.209 χ^2/NDF : 1502305.6/4

In: 283.099+/-0.220 χ^2/NDF : 599020.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.516+/-0.209 χ^2/NDF : 1502305.6/4

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 : 0.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

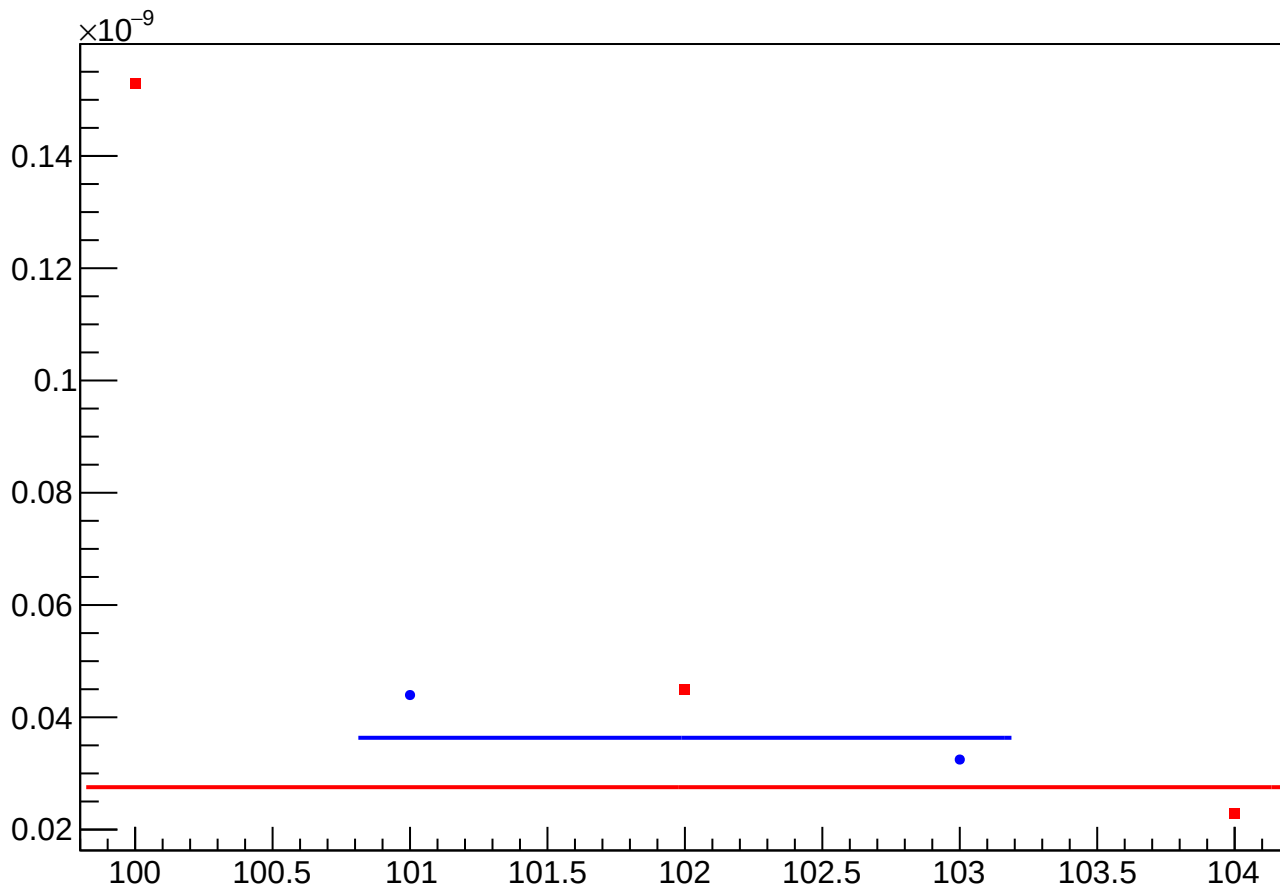
Right: 0.000+/-0.000 χ^2/NDF : 1.1/4

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 : 1.1/4

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 : 204636.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

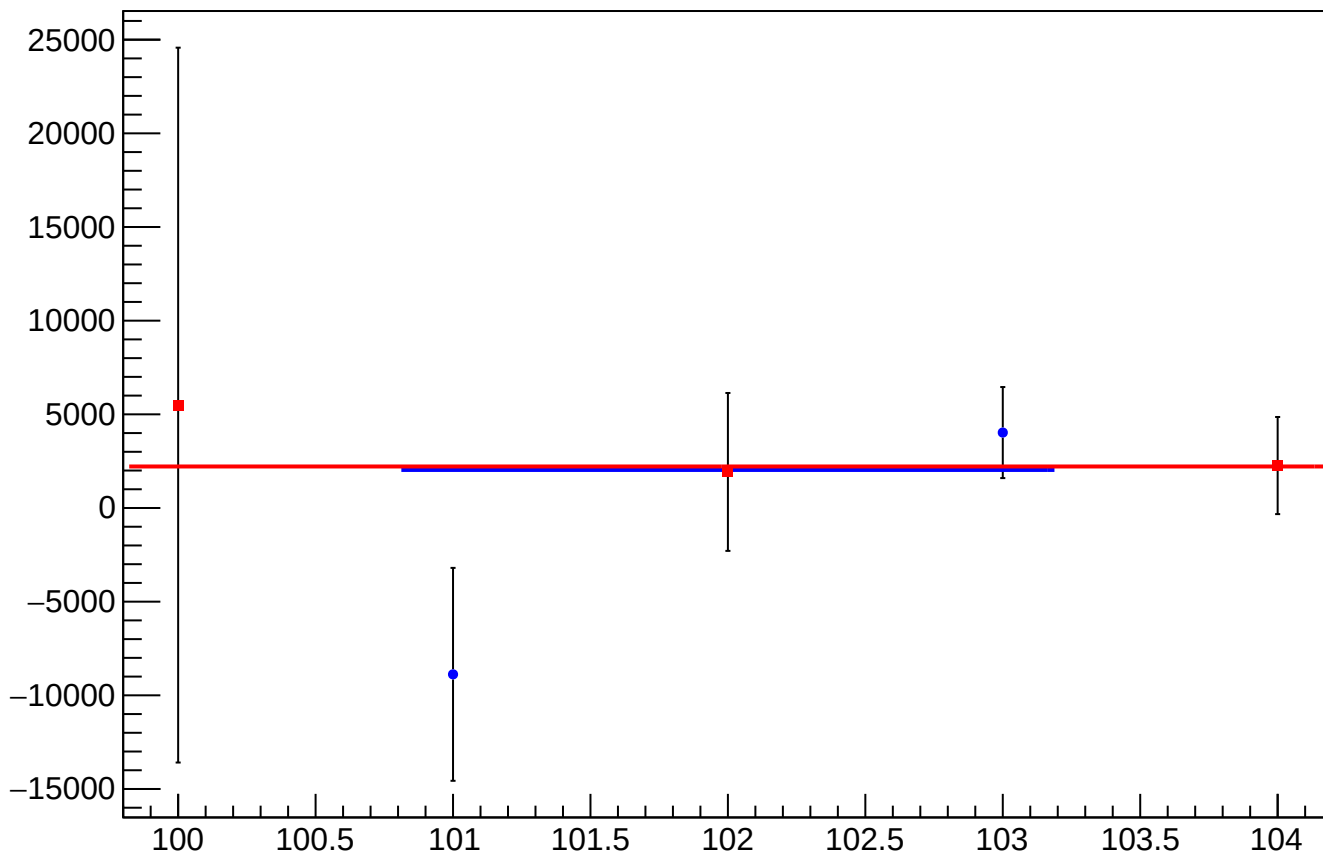
Right: 0.000+/-0.000 χ^2/NDF : 303862.8/4

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 : 303862.8/4

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: 2216.383+/-2193.418 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

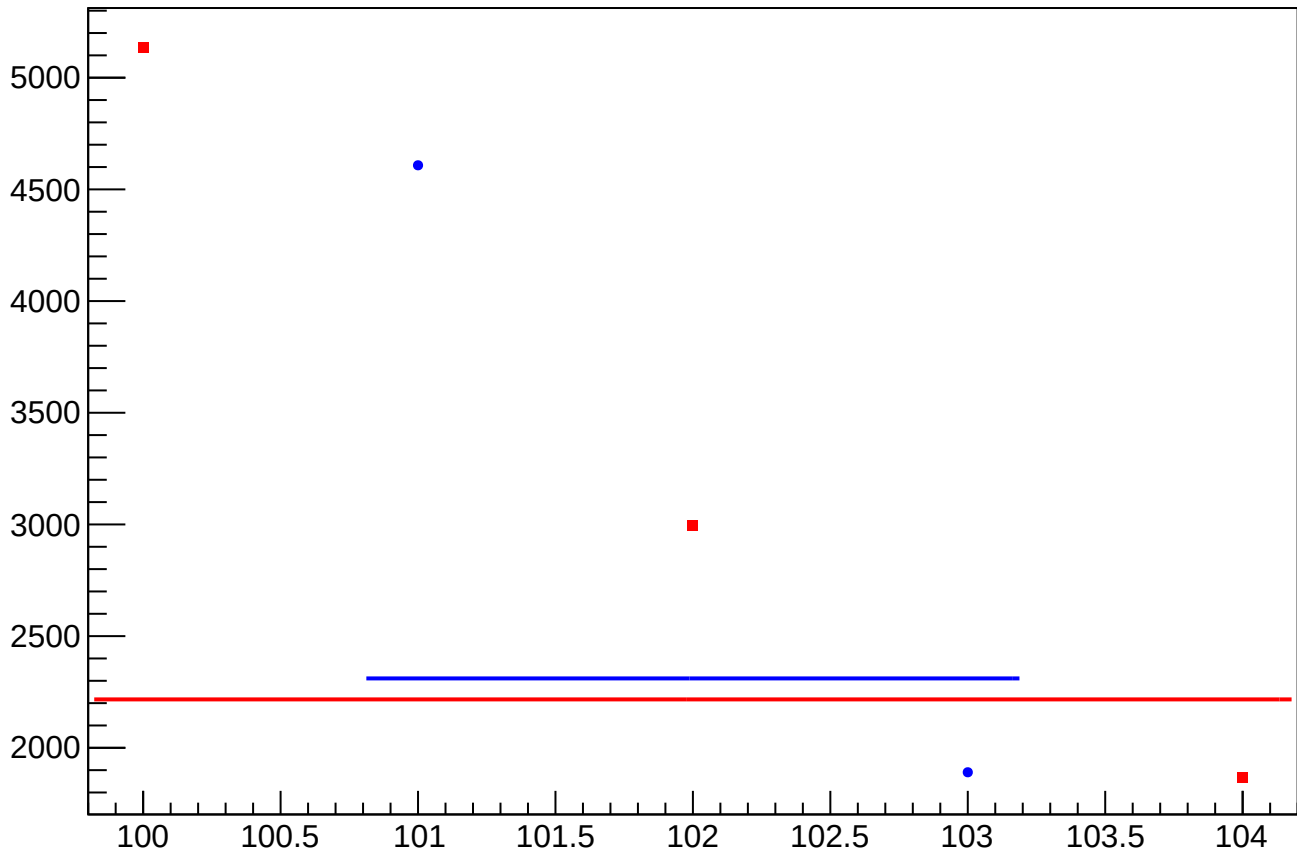
Right: 2125.500+/-1565.328 χ^2/NDF : 4.4/4

In: 2031.175+/-2234.570 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.500+/-1565.328 χ^2/NDF : 4.4/4

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: 2216.737+/-1.551 χ^2/NDF : 151641.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

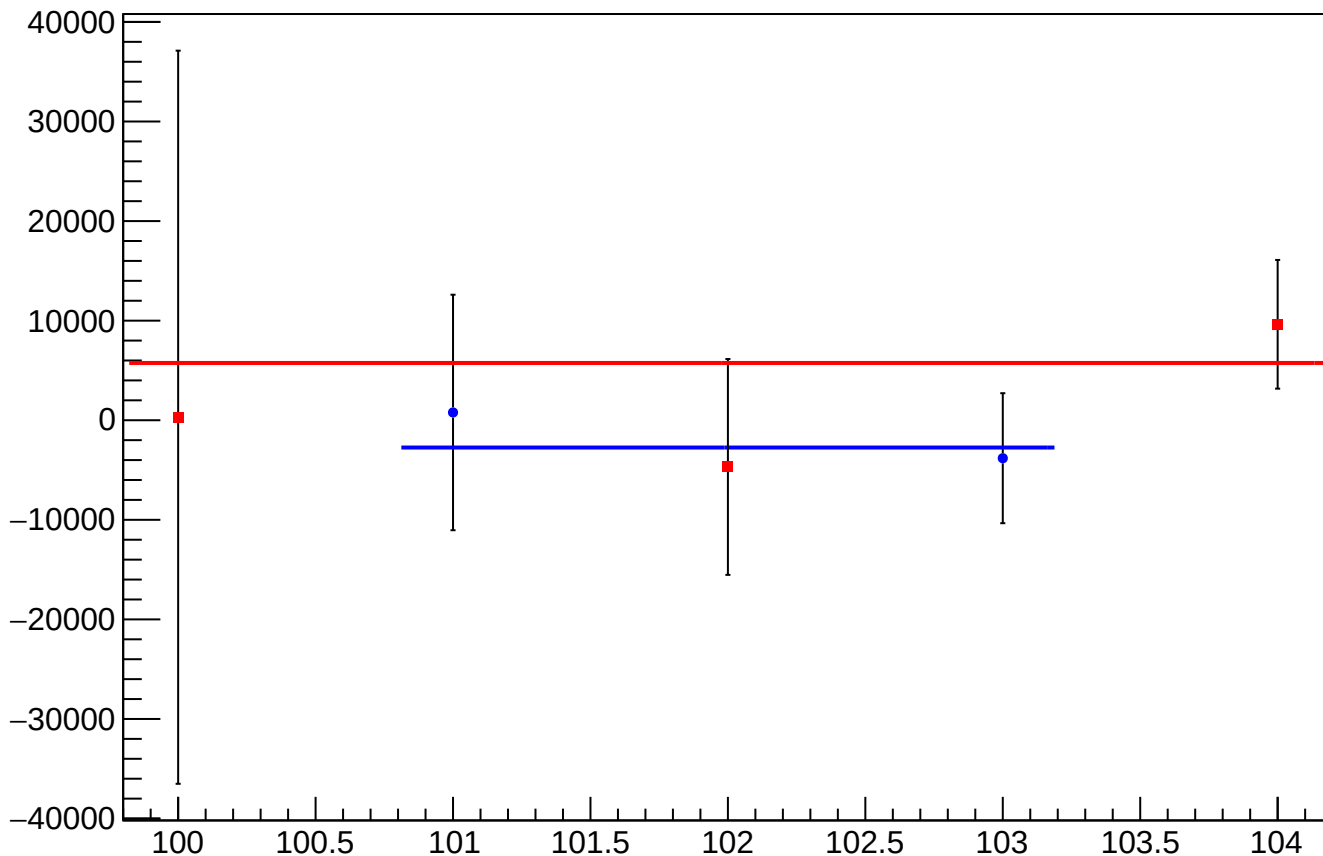
Right: 2262.834+/-1.107 χ^2/NDF : 540036.2/4

In: 2310.677+/-1.580 χ^2/NDF : 386594.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2262.834+/-1.107 χ^2/NDF : 540036.2/4

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2740.324 $\pm$ 5714.792 χ^2 /NDF: 0.1/1

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

Right Out: 5753.277 $\pm$ 5488.673 χ^2 /NDF: 1.3/2

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

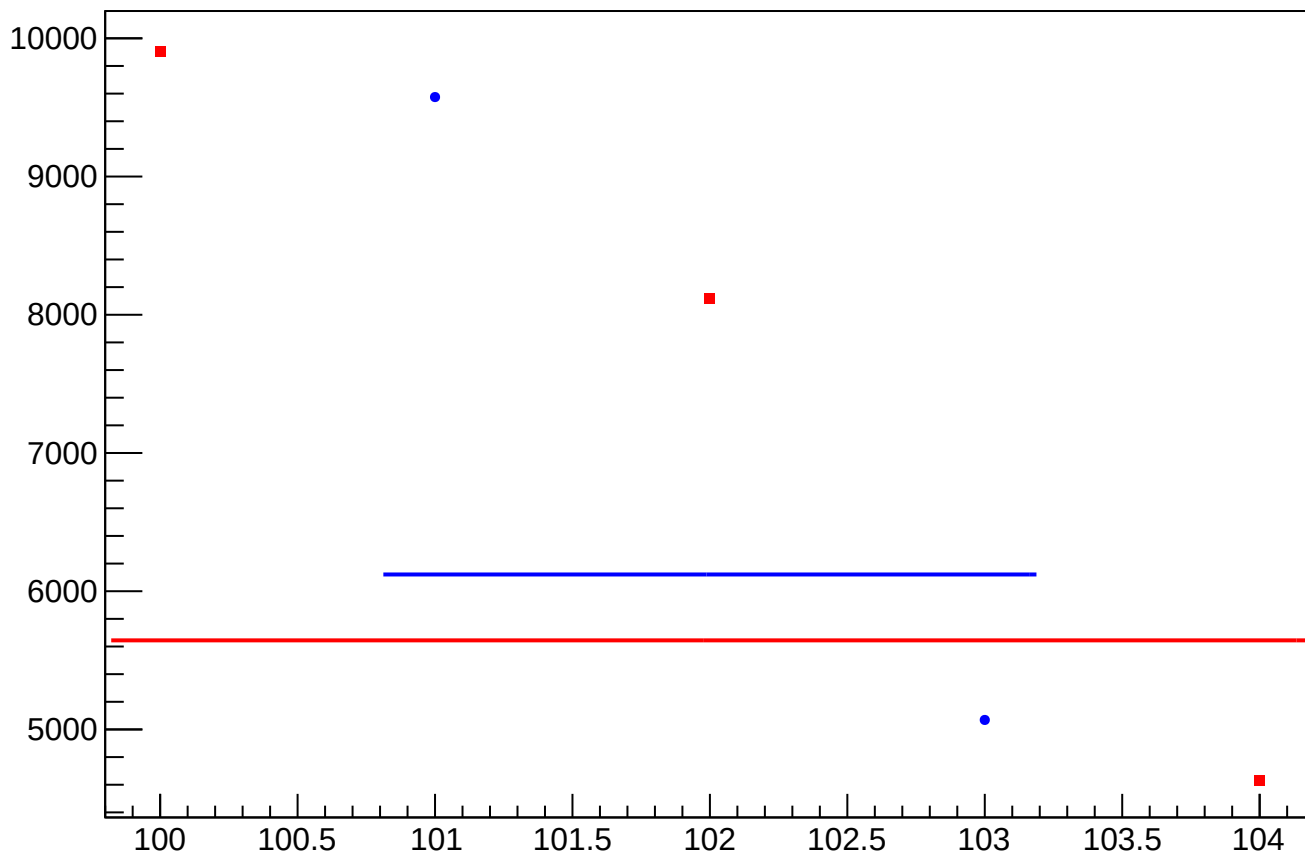
Right: 1677.833 $\pm$ 3958.603 χ^2 /NDF: 2.6/4

In: -2740.324 $\pm$ 5714.792 χ^2 /NDF: 0.1/1

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

All: 1677.833 $\pm$ 3958.603 χ^2 /NDF: 2.6/4

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: 5644.470+/-3.881 χ^2/NDF : 180122.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

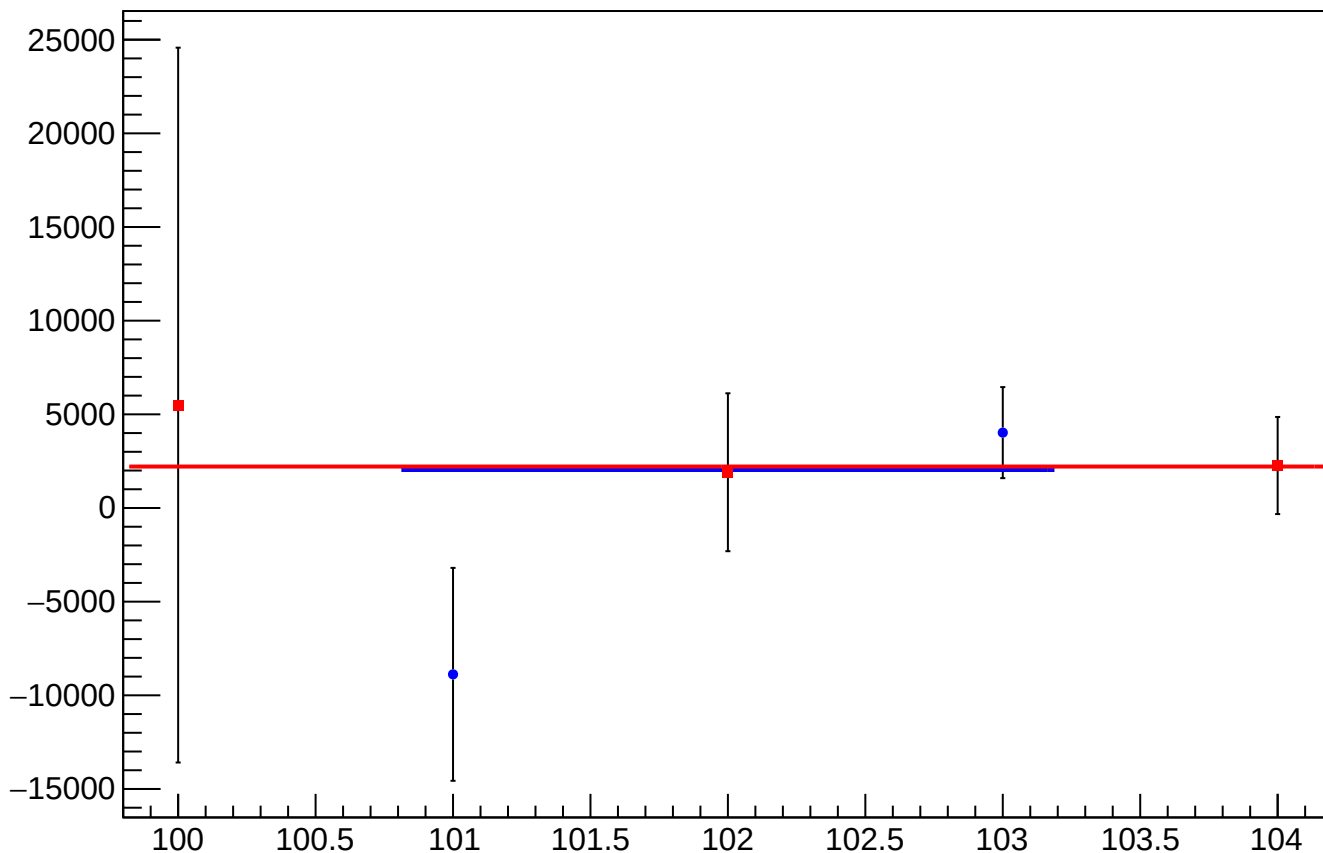
Right: 5873.178+/-2.799 χ^2/NDF : 409944.2/4

In: 6121.119+/-4.041 χ^2/NDF : 222584.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5873.178+/-2.799 χ^2/NDF : 409944.2/4

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: 2212.743+/-2193.422 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

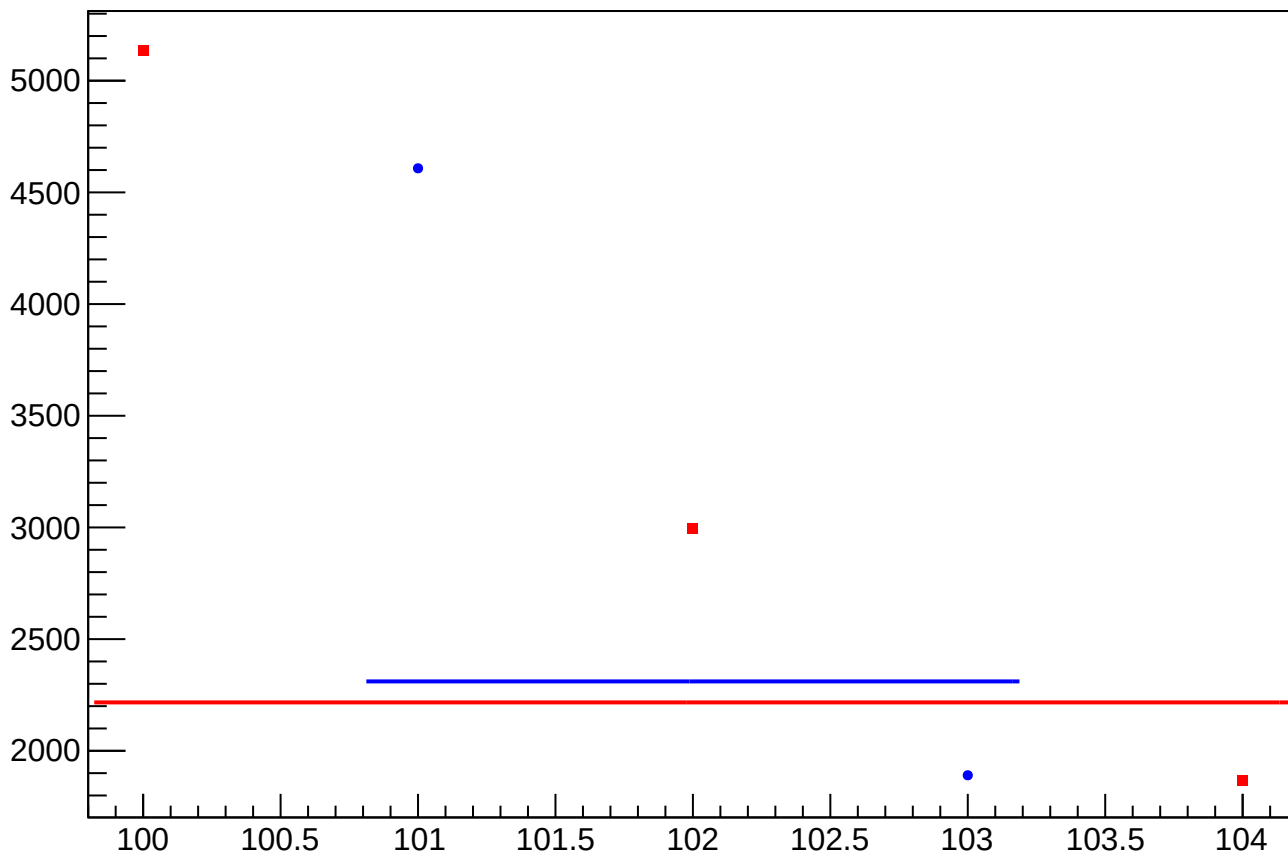
Right: 2122.251+/-1565.330 χ^2/NDF : 4.4/4

In: 2028.331+/-2234.574 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2122.251+/-1565.330 χ^2/NDF : 4.4/4

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2310.682 $\pm$ 1.580 χ^2 /NDF: 386593.3/1

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

Right Out: 2216.738 $\pm$ 1.551 χ^2 /NDF: 151641.1/2

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

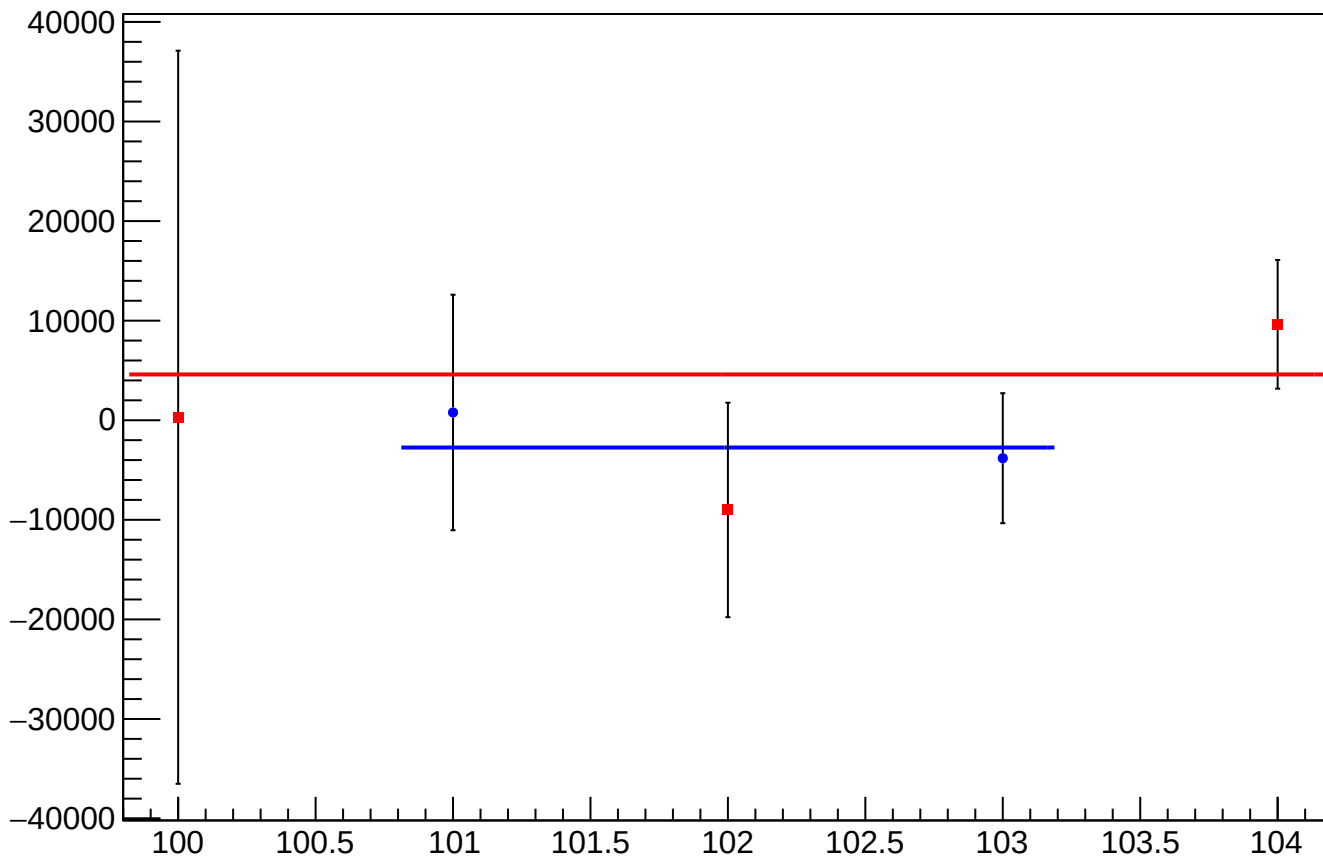
Right: 2262.837 $\pm$ 1.107 χ^2 /NDF: 540034.7/4

In: 2310.682 $\pm$ 1.580 χ^2 /NDF: 386593.3/1

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

All: 2262.837 $\pm$ 1.107 χ^2 /NDF: 540034.7/4

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: 4600.291+/-5479.753 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

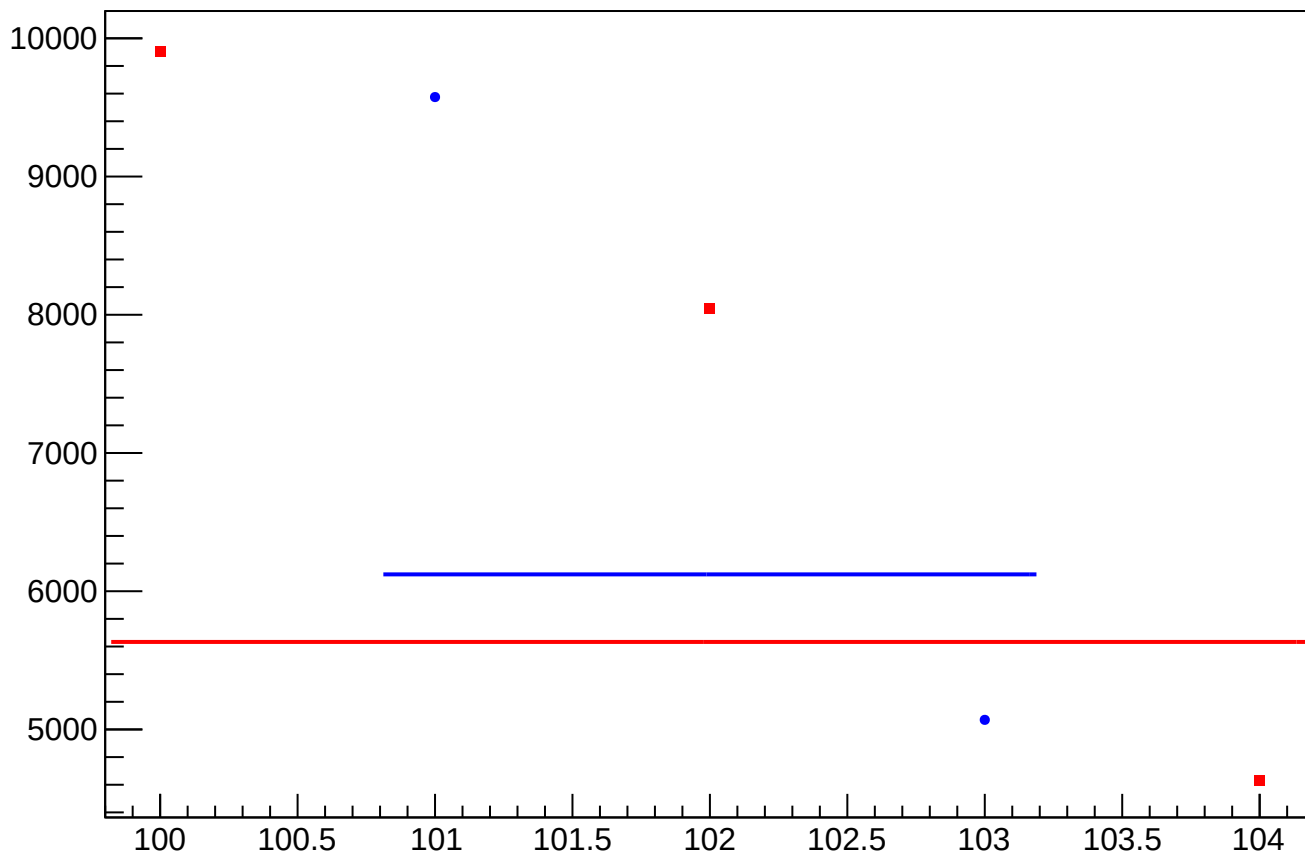
Right: 1084.702+/-3955.443 χ^2/NDF : 3.2/4

In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.702+/-3955.443 χ^2/NDF : 3.2/4

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: 5633.131+/-3.875 χ^2/NDF : 175106.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

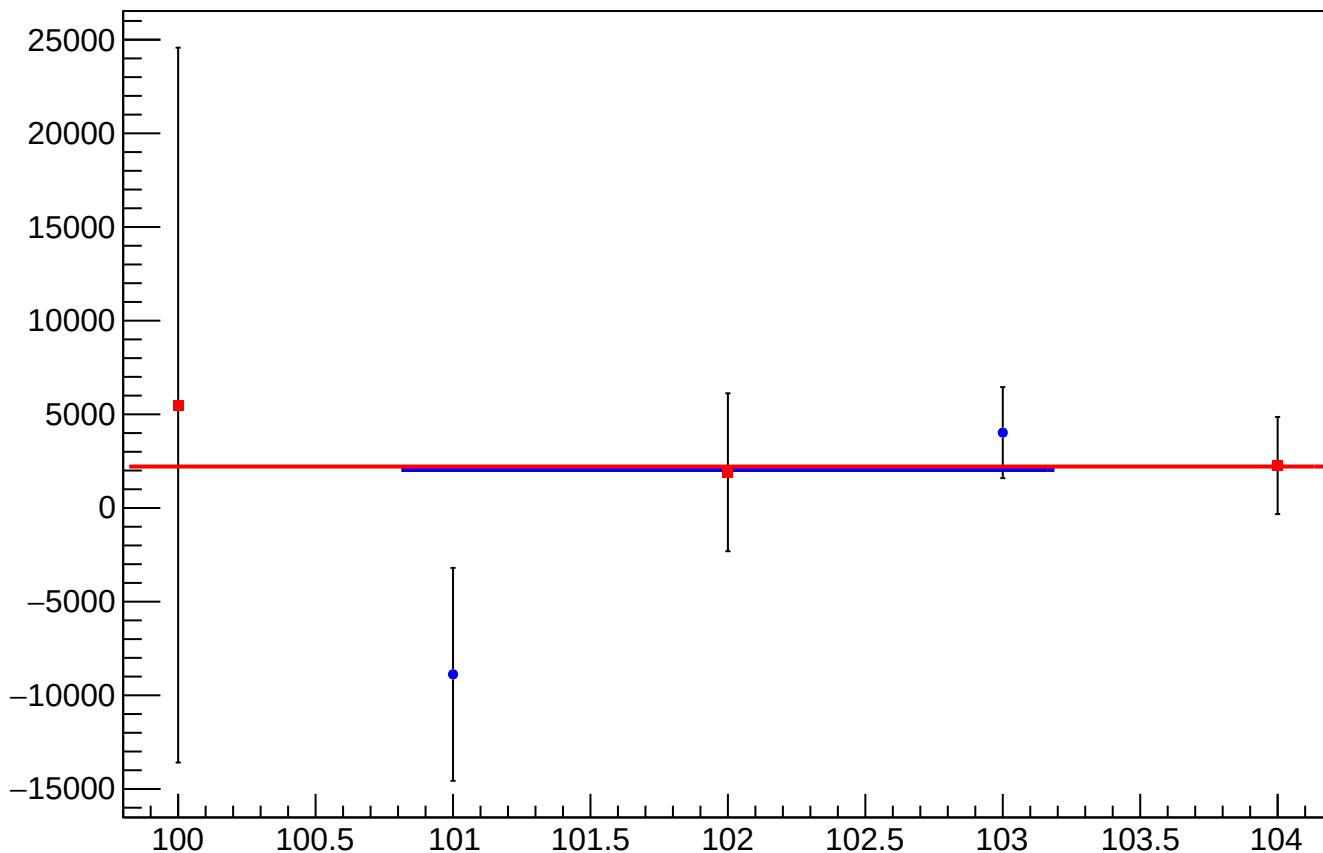
Right: 5867.223+/-2.797 χ^2/NDF : 405226.8/4

In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5867.223+/-2.797 χ^2/NDF : 405226.8/4

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: 2212.743+/-2193.422 χ^2 /NDF: 0.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

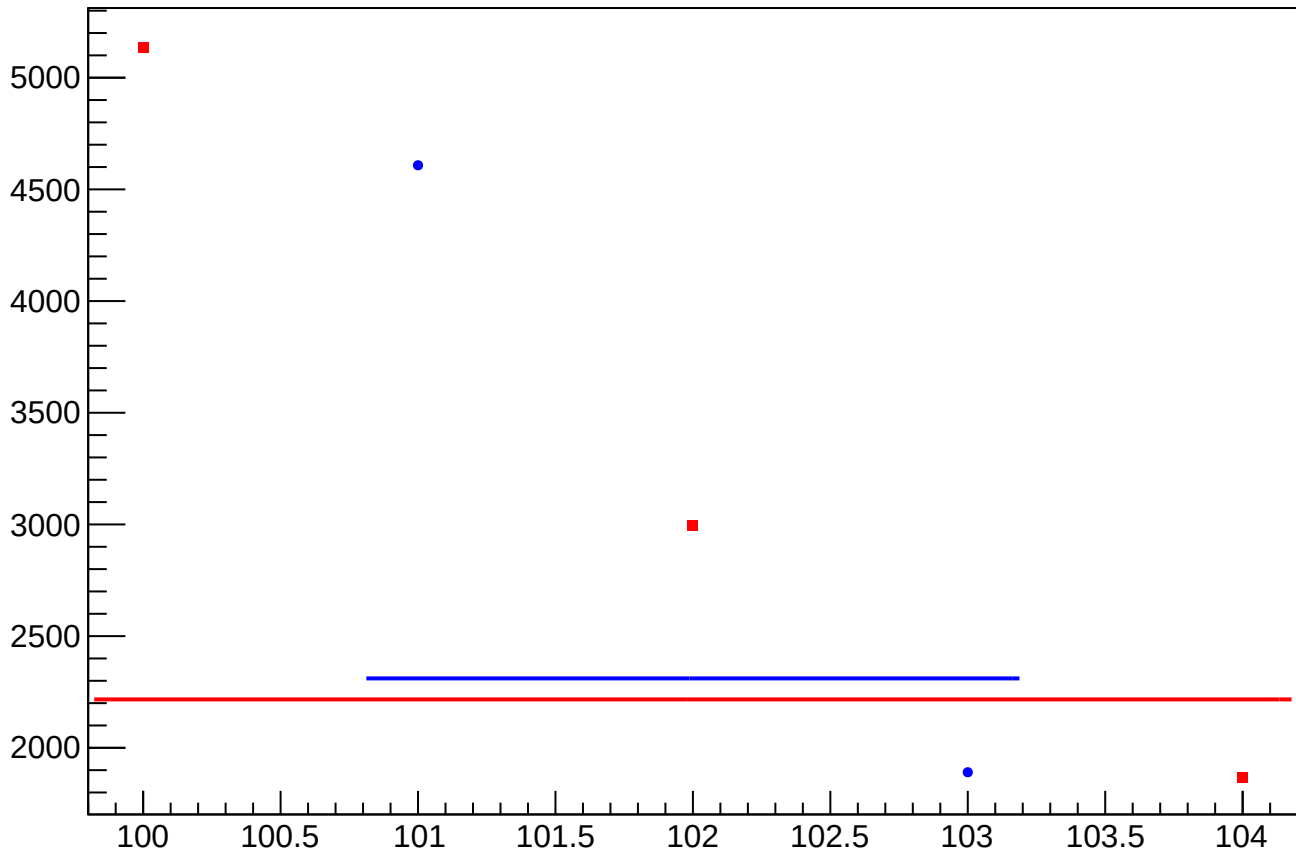
Right: 2122.251+/-1565.330 χ^2 /NDF: 4.4/4

In: 2028.331+/-2234.574 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2122.251+/-1565.330 χ^2 /NDF: 4.4/4

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: 2216.738+/-1.551 χ^2/NDF : 151641.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

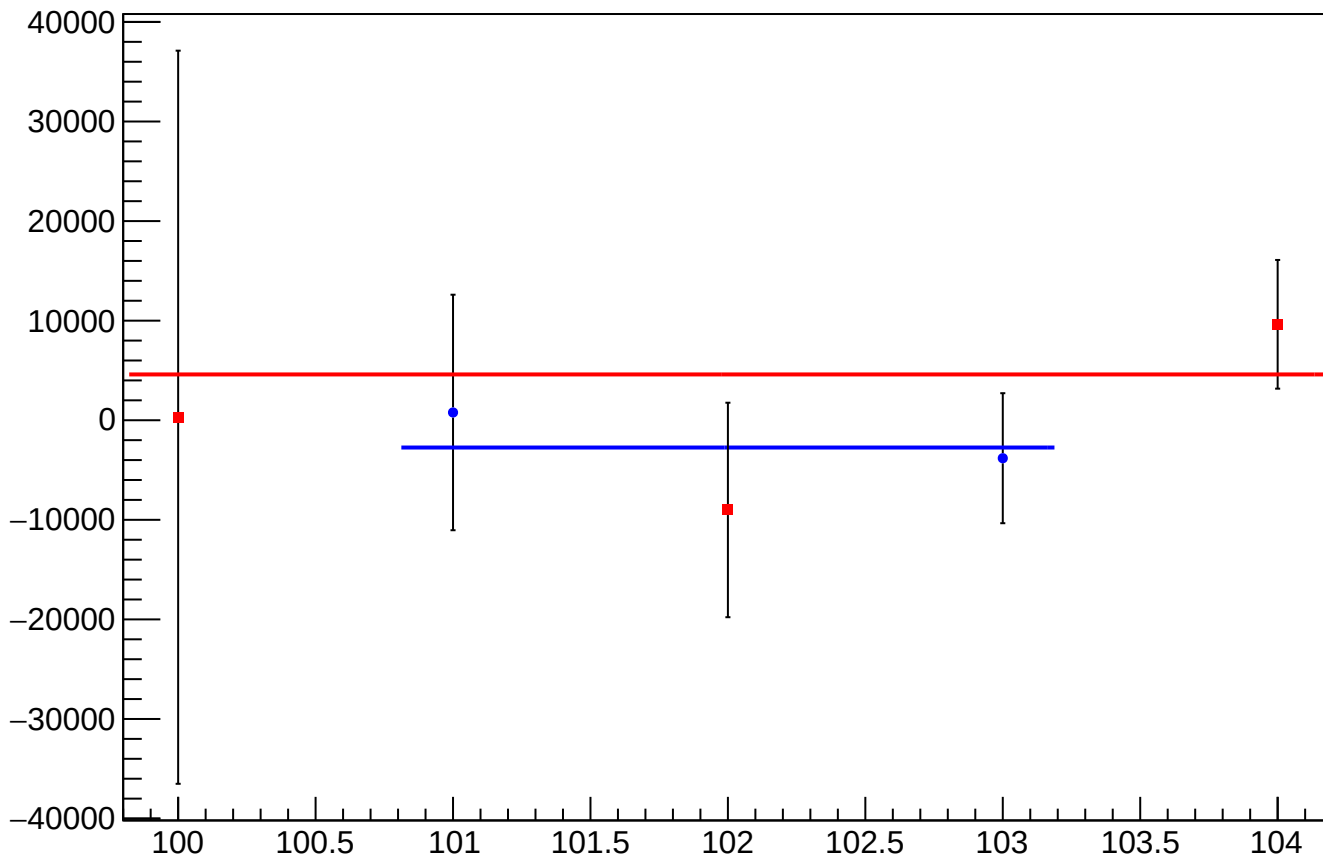
Right: 2262.837+/-1.107 χ^2/NDF : 540034.7/4

In: 2310.682+/-1.580 χ^2/NDF : 386593.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2262.837+/-1.107 χ^2/NDF : 540034.7/4

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: 4600.291+/-5479.753 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

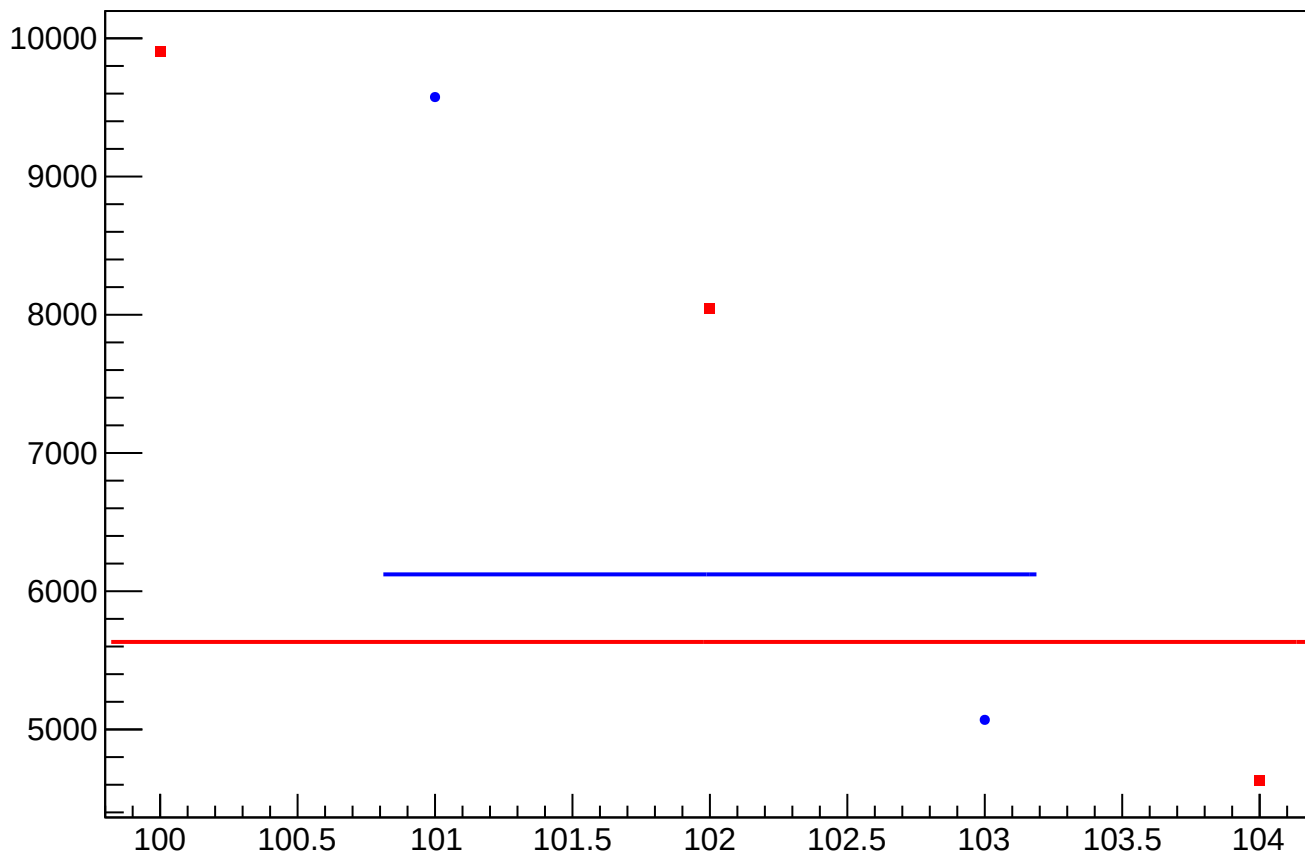
Right: 1084.702+/-3955.443 χ^2/NDF : 3.2/4

In: -2739.707+/-5715.366 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.702+/-3955.443 χ^2/NDF : 3.2/4

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: 5633.131+/-3.875 χ^2/NDF : 175106.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

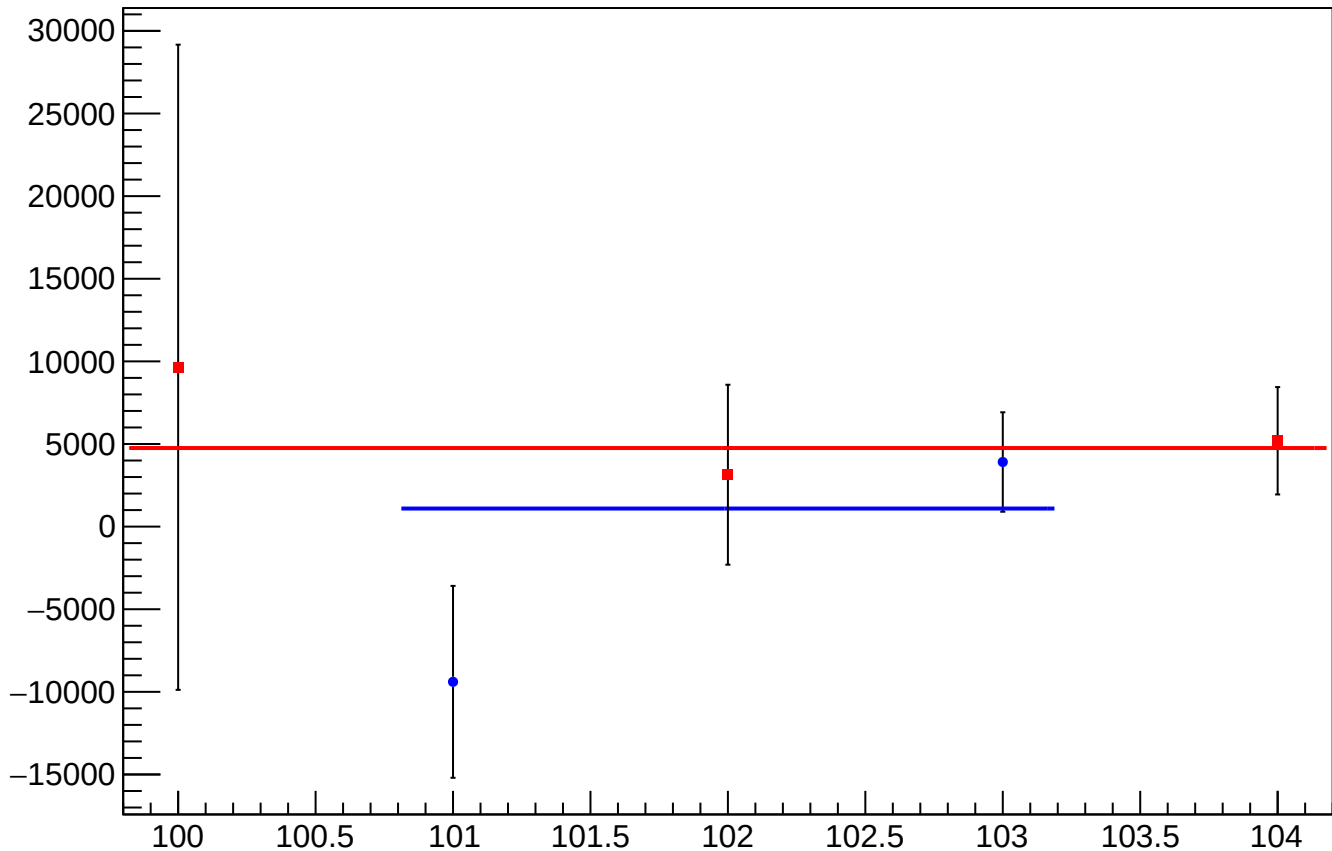
Right: 5867.223+/-2.797 χ^2/NDF : 405226.8/4

In: 6121.878+/-4.041 χ^2/NDF : 222499.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5867.223+/-2.797 χ^2/NDF : 405226.8/4

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: 4755.355+/-2762.306 χ^2/NDF : 0.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

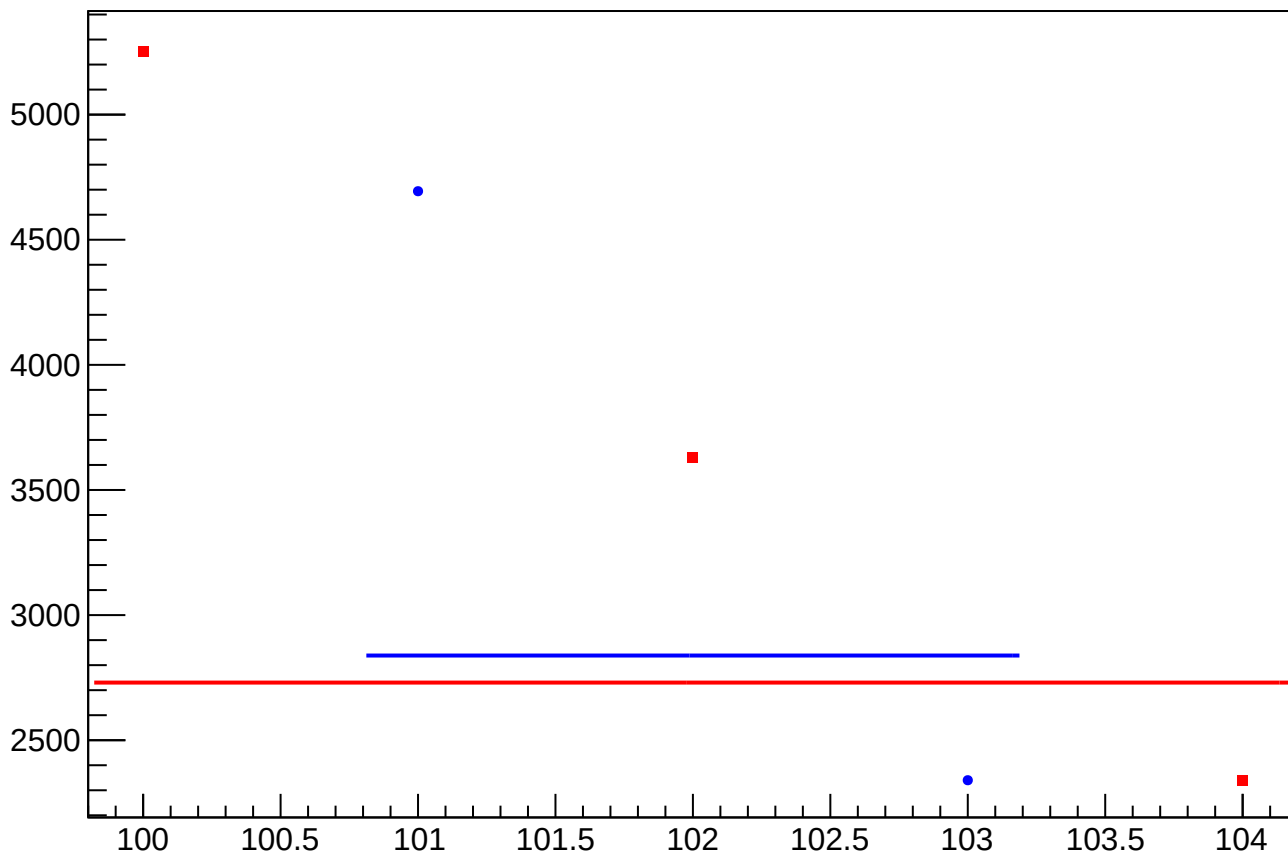
Right: 2863.686+/-1920.450 χ^2/NDF : 5.2/4

In: 1093.938+/-2671.807 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2863.686+/-1920.450 χ^2/NDF : 5.2/4

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: 2730.345+/-1.953 χ^2/NDF : 116819.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

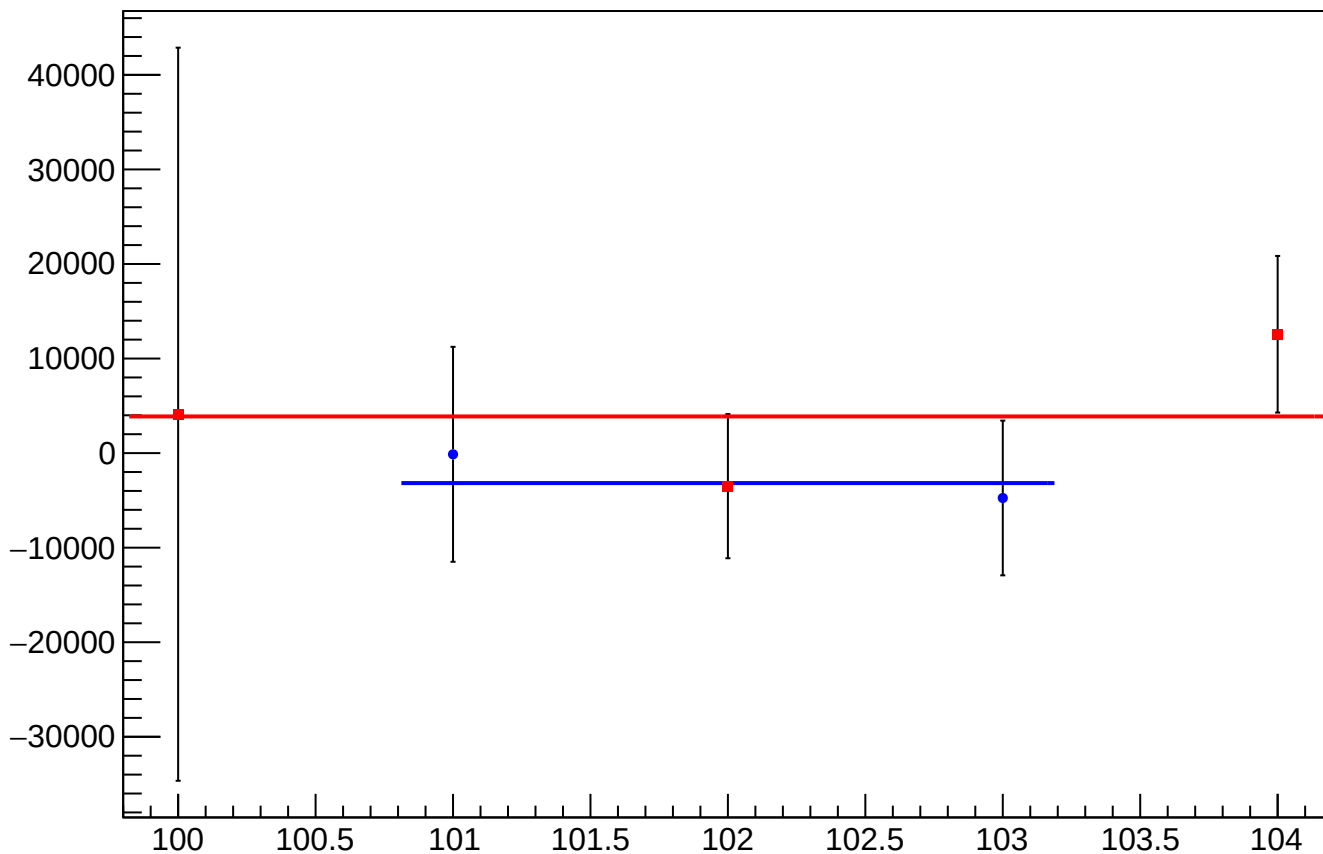
Right: 2786.186+/-1.358 χ^2/NDF : 377433.6/4

In: 2838.428+/-1.889 χ^2/NDF : 259032.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2786.186+/-1.358 χ^2/NDF : 377433.6/4

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: 3879.080+/-5550.871 χ^2/NDF : 2.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

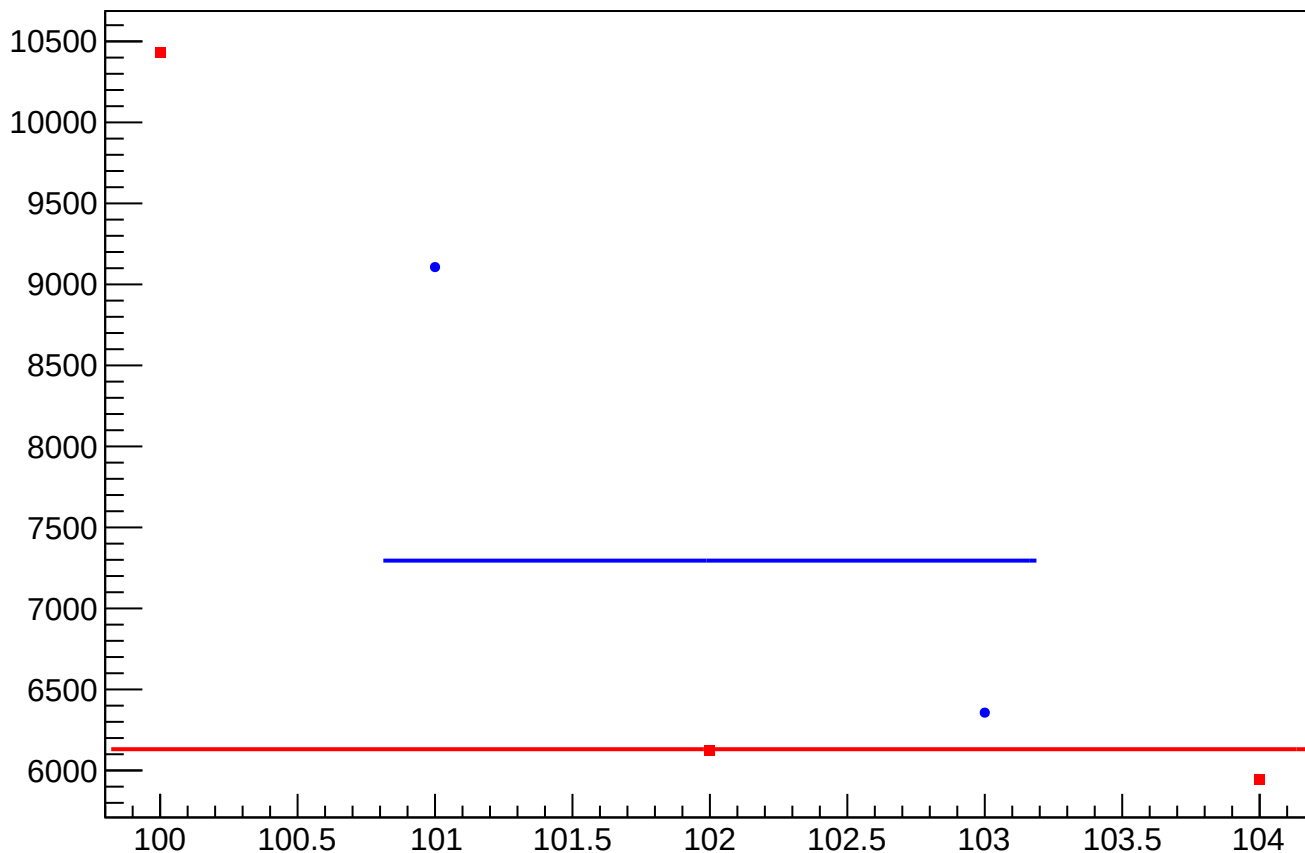
Right: 979.249+/-4258.681 χ^2/NDF : 2.8/4

In: -3169.791+/-6639.702 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 979.249+/-4258.681 χ^2/NDF : 2.8/4

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: 6131.089+/-3.925 χ^2/NDF : 25683.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

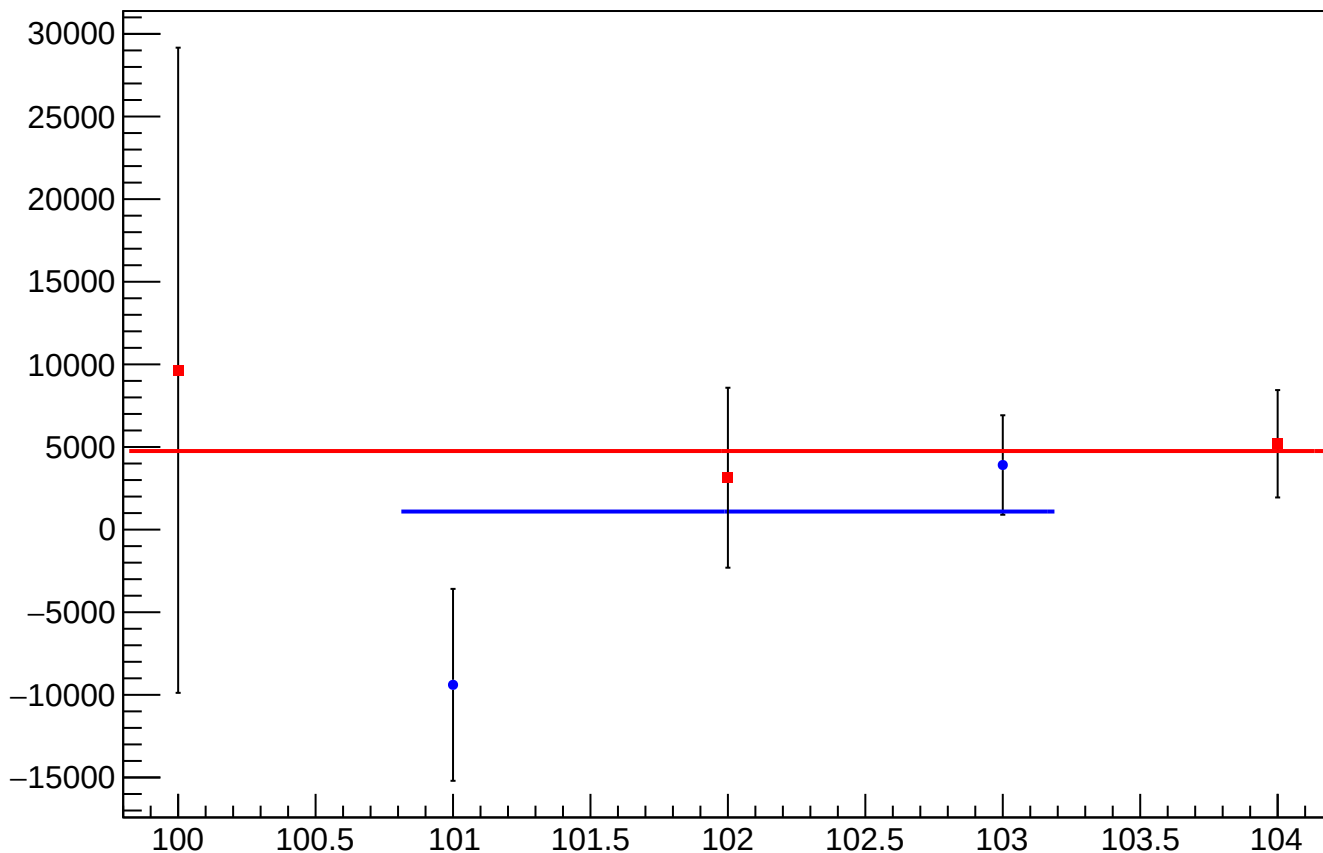
Right: 6609.978+/-3.011 χ^2/NDF : 138995.8/4

In: 7295.166+/-4.695 χ^2/NDF : 77127.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6609.978+/-3.011 χ^2/NDF : 138995.8/4

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: 4755.356+/-2762.305 χ^2/NDF : 0.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

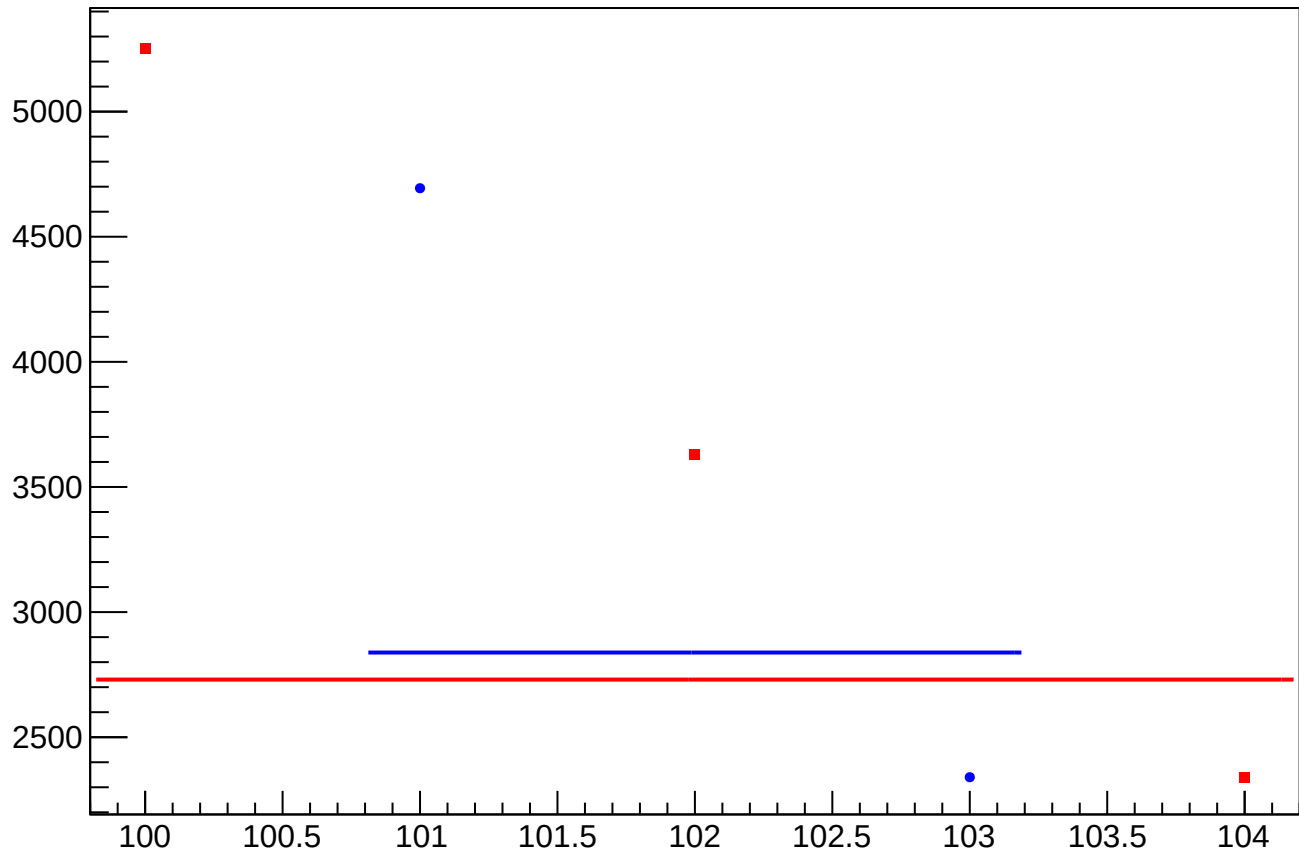
Right: 2863.677+/-1920.449 χ^2/NDF : 5.2/4

In: 1093.919+/-2671.806 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2863.677+/-1920.449 χ^2/NDF : 5.2/4

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: 2730.344+/-1.953 χ^2/NDF : 116819.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

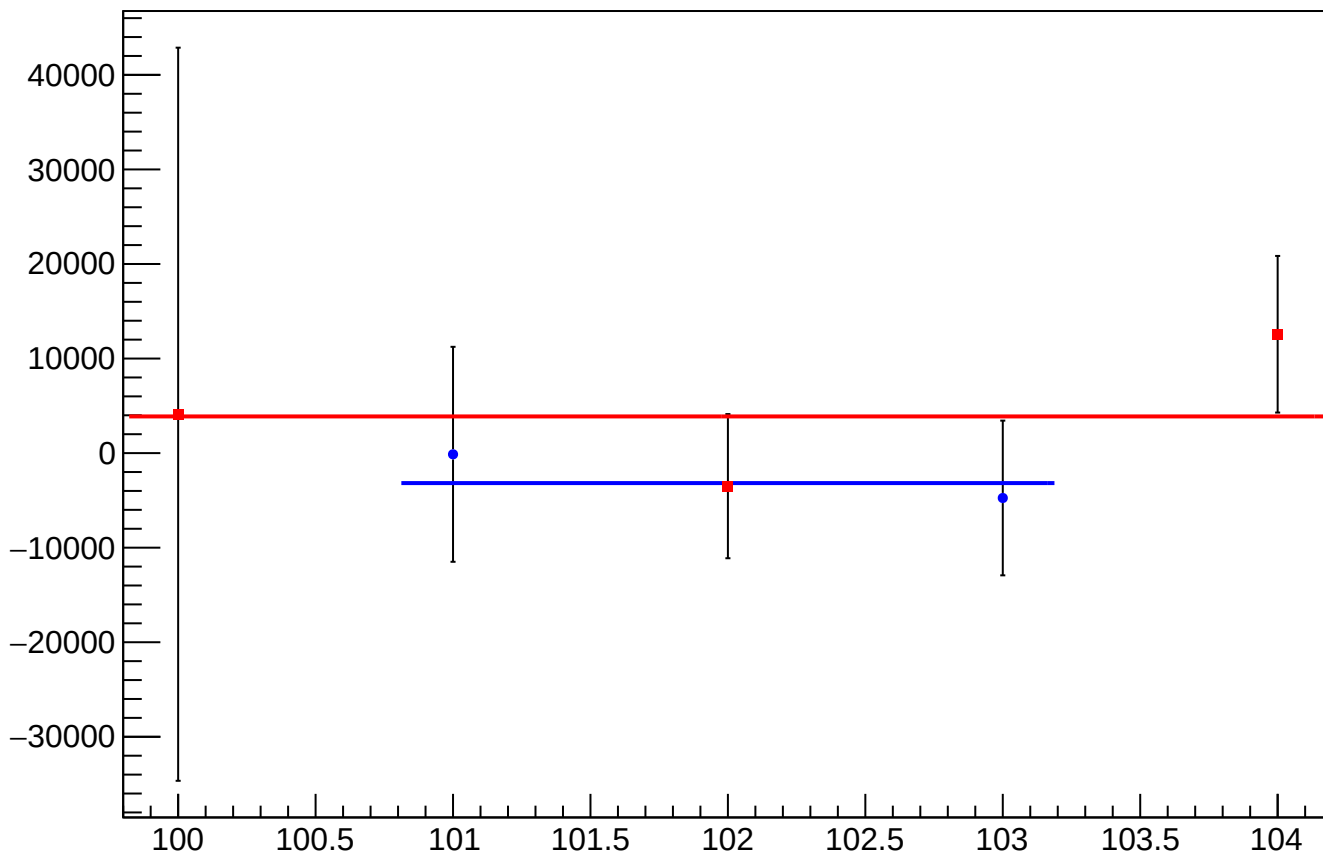
Right: 2786.185+/-1.358 χ^2/NDF : 377433.7/4

In: 2838.427+/-1.889 χ^2/NDF : 259032.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2786.185+/-1.358 χ^2/NDF : 377433.7/4

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: 3879.080 $\pm$ 5550.869 χ^2 /NDF: 2.0/2

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

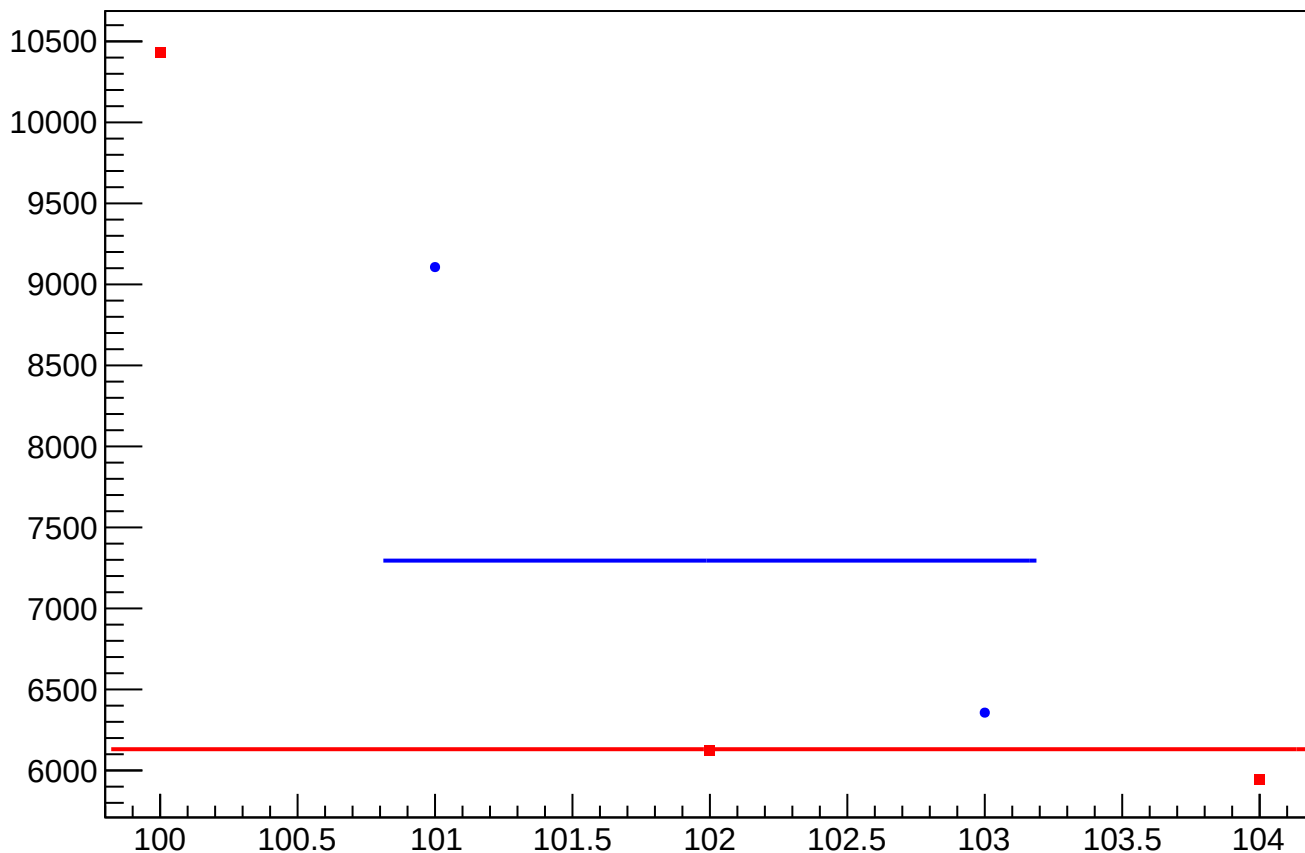
Right: 979.239 $\pm$ 4258.679 χ^2 /NDF: 2.8/4

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: 979.239 $\pm$ 4258.679 χ^2 /NDF: 2.8/4

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7295.162 ± 4.695 $\chi^2/\text{NDF}: 77127.0/1$

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

Right Out: 6131.087 ± 3.925 $\chi^2/\text{NDF}: 25683.6/2$

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

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

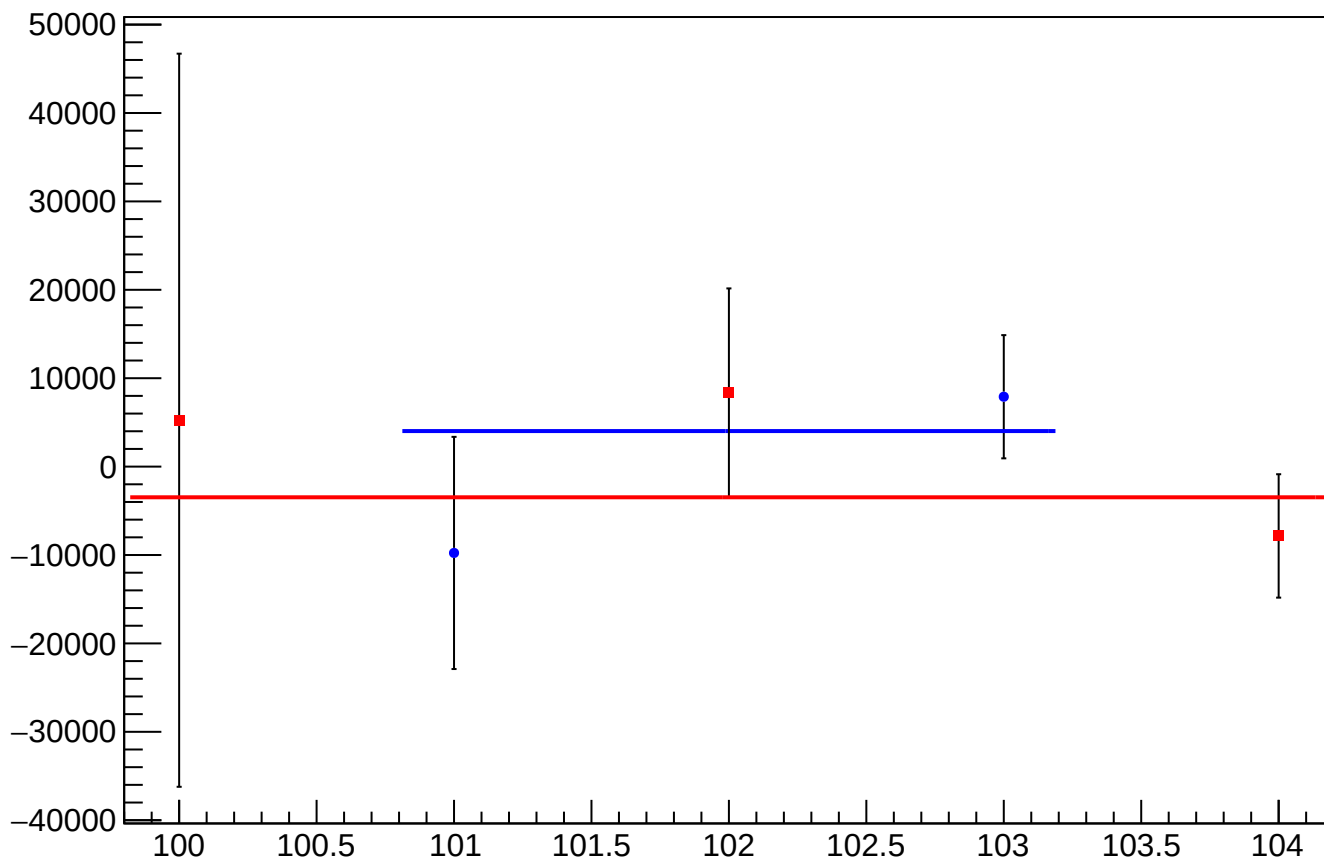
Right: 6609.975 ± 3.011 $\chi^2/\text{NDF}: 138995.3/4$

In: 7295.162 ± 4.695 $\chi^2/\text{NDF}: 77127.0/1$

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

All: 6609.975 ± 3.011 $\chi^2/\text{NDF}: 138995.3/4$

asym_atr2_mean vs Slug, Sign Corrected



Right In: 4021.060 $\pm$ 6155.988 χ^2 /NDF: 1.4/1

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

Right Out: -3470.766 $\pm$ 5947.131 χ^2 /NDF: 1.4/2

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

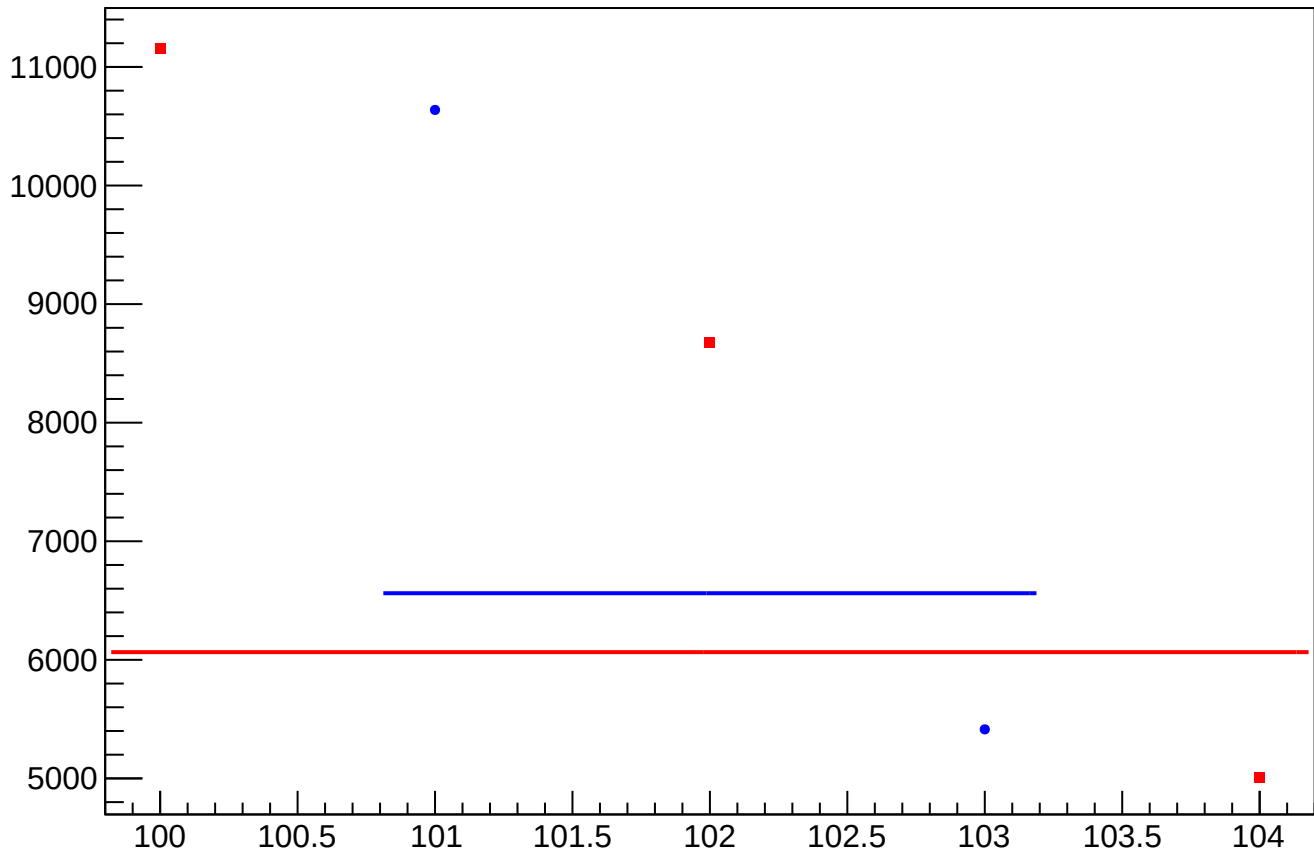
Right: 145.903 $\pm$ 4277.187 χ^2 /NDF: 3.6/4

In: 4021.060 $\pm$ 6155.988 χ^2 /NDF: 1.4/1

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

All: 145.903 $\pm$ 4277.187 χ^2 /NDF: 3.6/4

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: 6064.912+/-4.205 χ^2/NDF : 173360.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

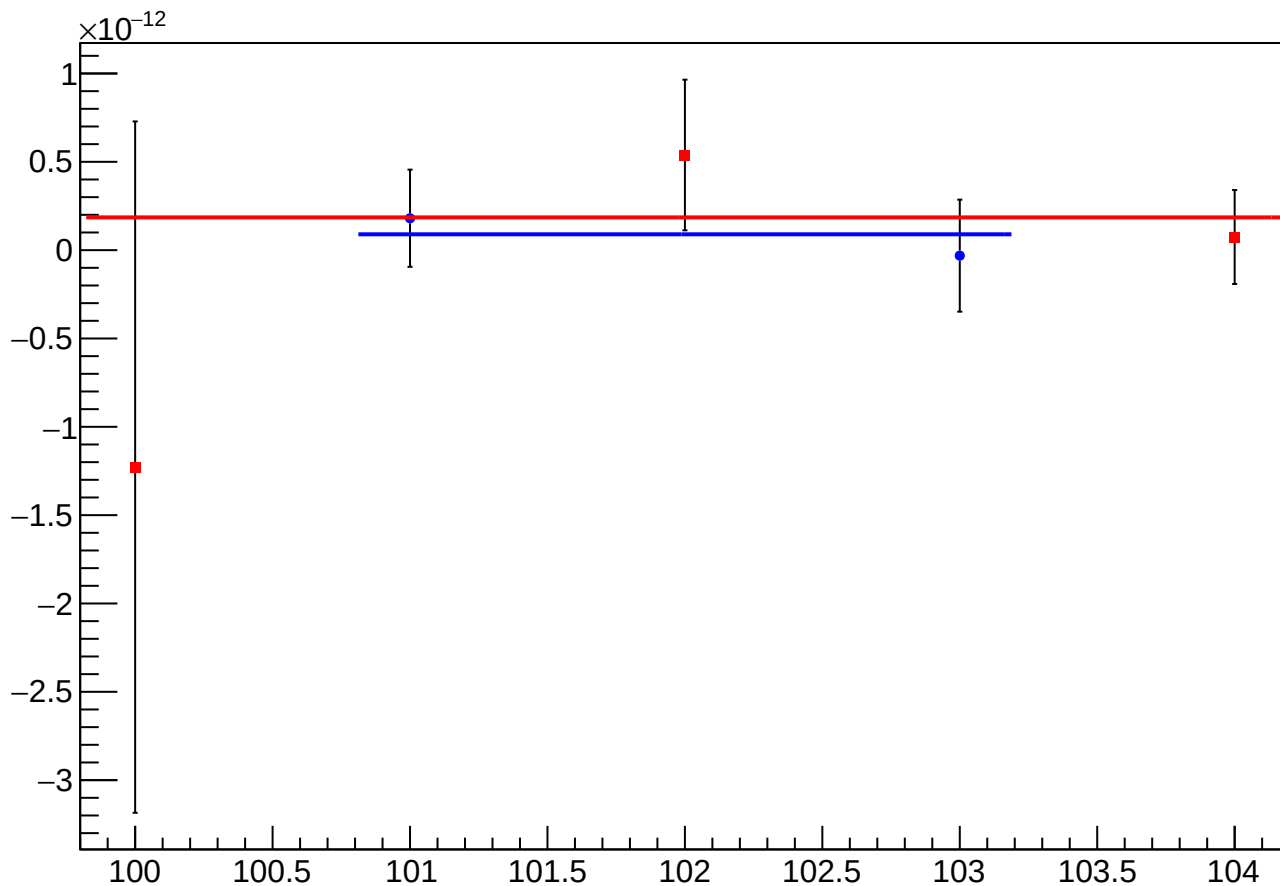
Right: 6304.737+/-3.024 χ^2/NDF : 427028.5/4

In: 6561.704+/-4.353 χ^2/NDF : 246930.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6304.737+/-3.024 χ^2/NDF : 427028.5/4

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 : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

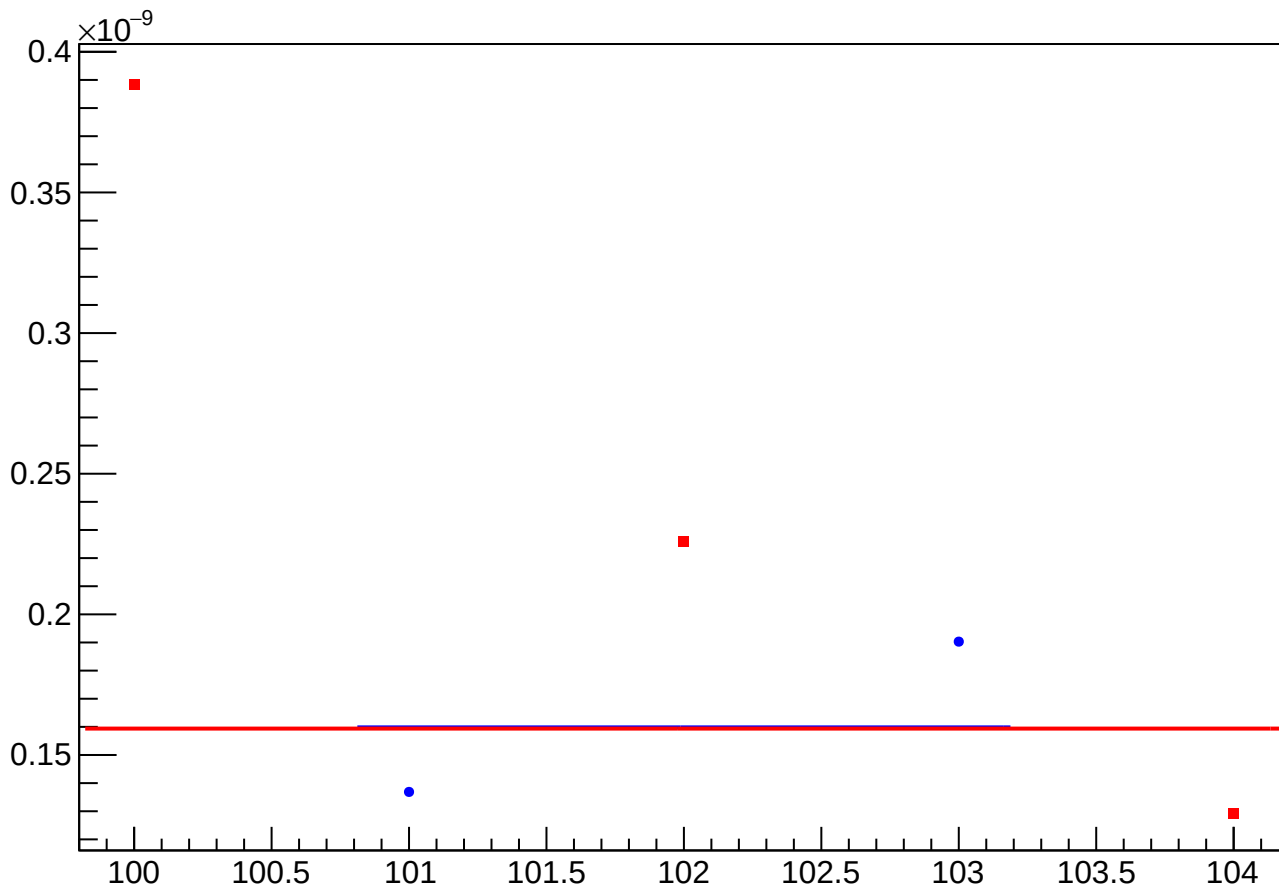
Right: 0.000+/-0.000 χ^2/NDF : 1.7/4

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 : 1.7/4

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 : 101736.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

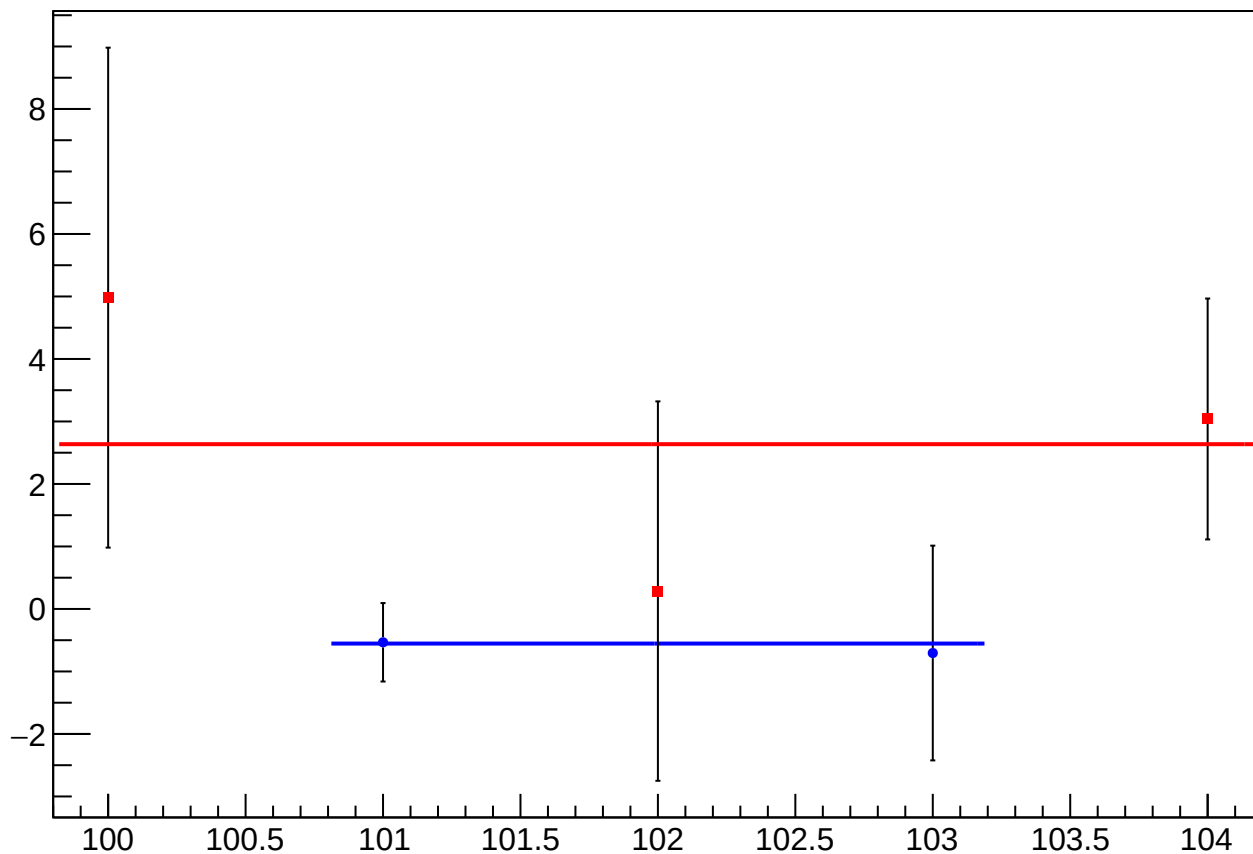
Right: 0.000+/-0.000 χ^2/NDF : 134149.0/4

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 : 134149.0/4

asym_atr2_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: 2.637 ± 1.507 χ^2/NDF : 1.0/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

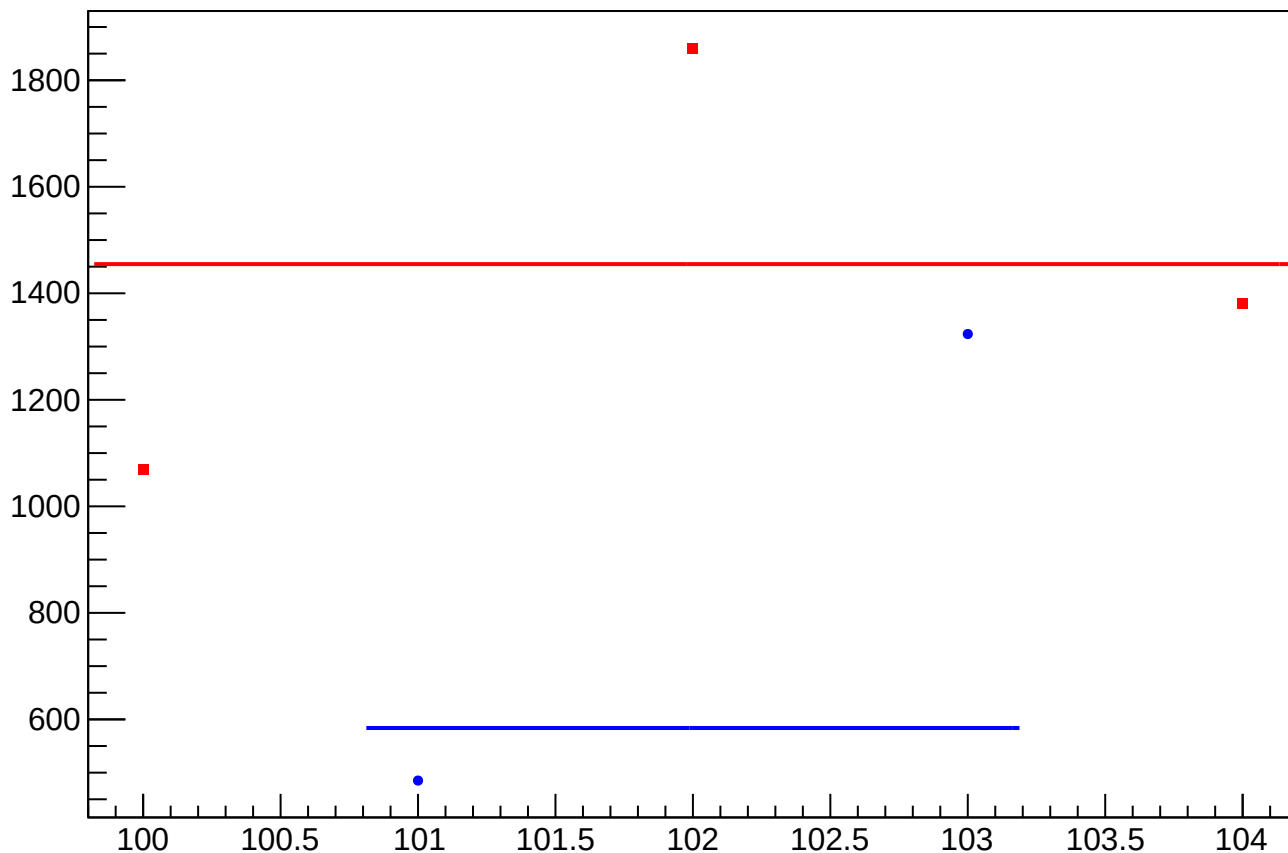
Right: -0.130 ± 0.549 χ^2/NDF : 4.9/4

In: -0.554 ± 0.590 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.549 χ^2/NDF : 4.9/4

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: 1454.790+/-1.066 χ^2/NDF : 56961.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

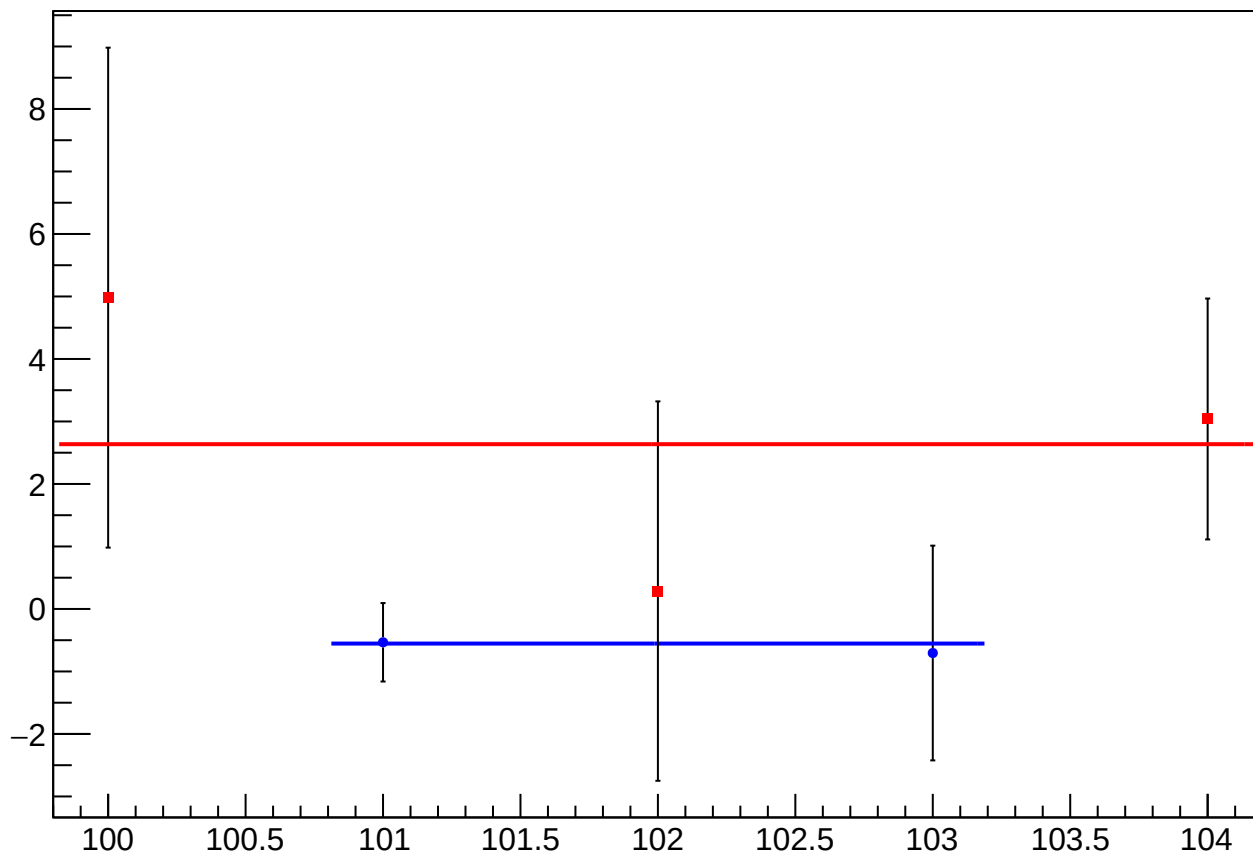
Right: 699.484+/-0.388 χ^2/NDF : 1056392.5/4

In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.484+/-0.388 χ^2/NDF : 1056392.5/4

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 ± 0.590 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 2.637 ± 1.507 $\chi^2/\text{NDF}: 1.0/2$

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

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

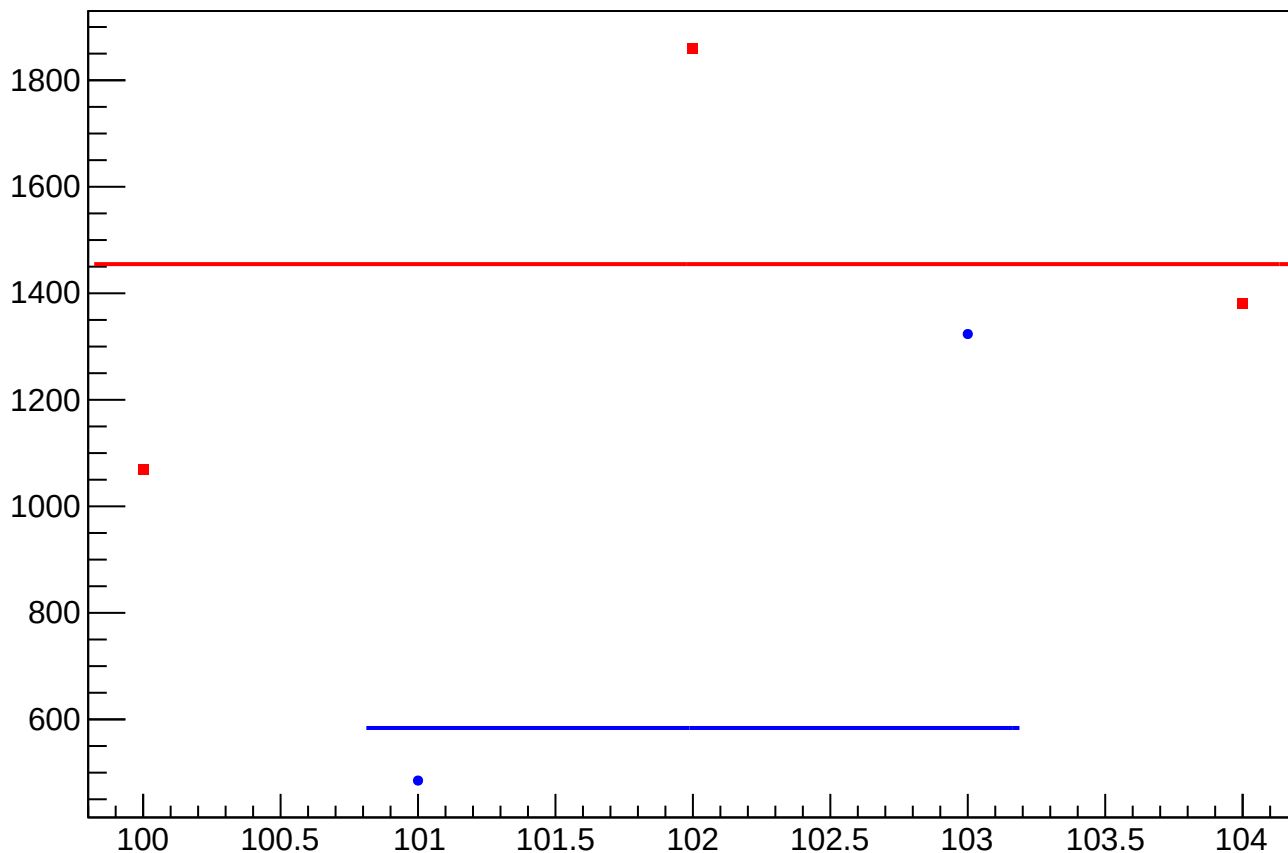
Right: -0.130 ± 0.549 $\chi^2/\text{NDF}: 4.9/4$

In: -0.554 ± 0.590 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.130 ± 0.549 $\chi^2/\text{NDF}: 4.9/4$

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

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

Right Out: 1454.790+/-1.066 χ^2/NDF : 56961.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

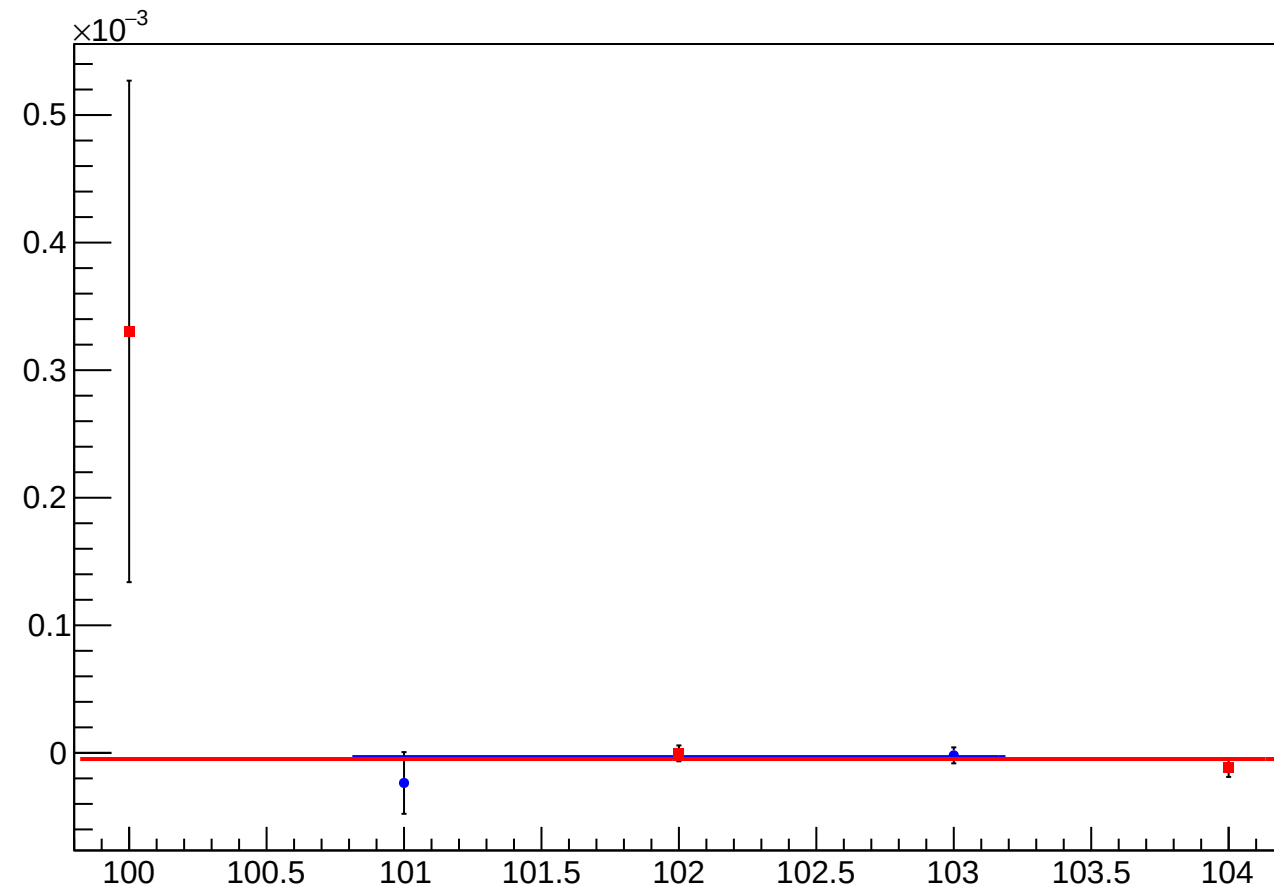
Right: 699.484+/-0.388 χ^2/NDF : 1056392.5/4

In: 583.884+/-0.417 χ^2/NDF : 420197.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.484+/-0.388 χ^2/NDF : 1056392.5/4

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 : 4.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

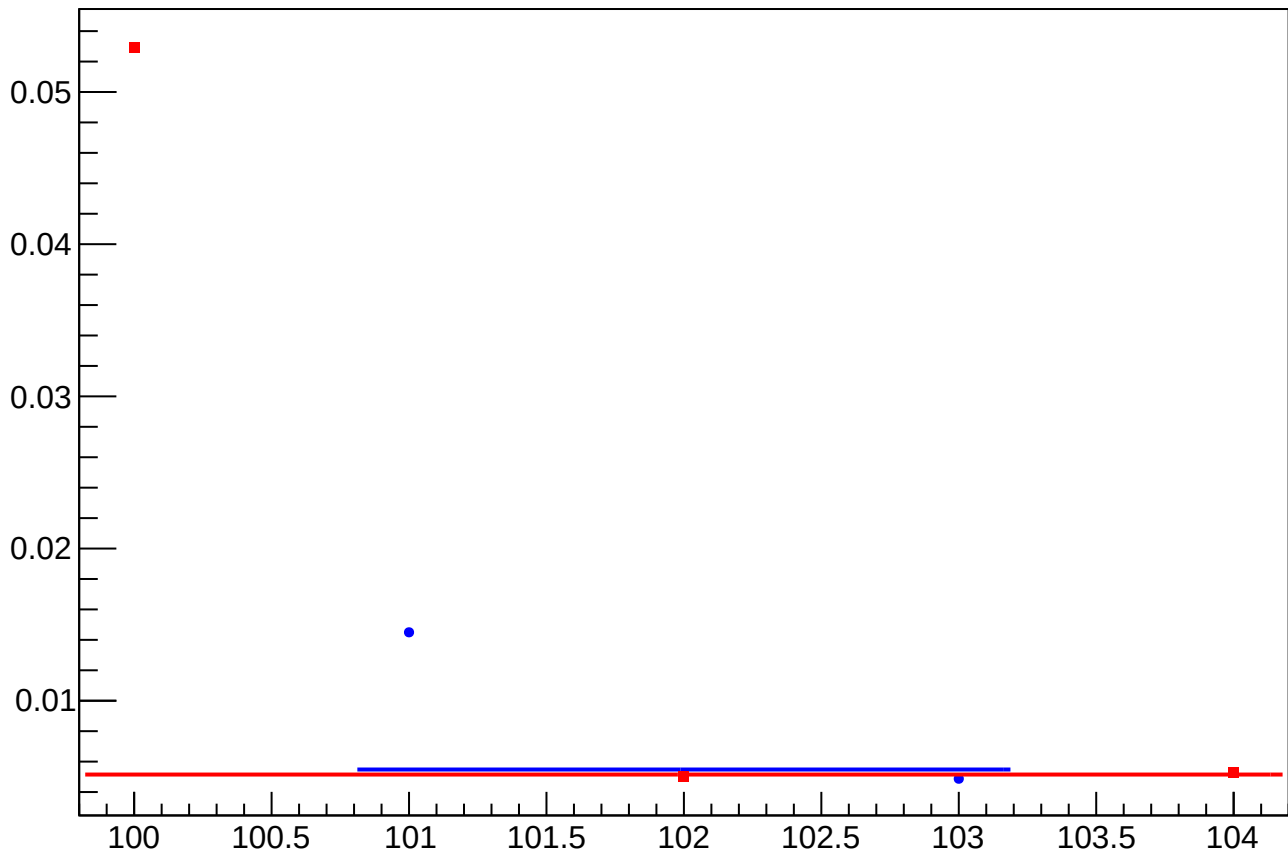
Right: -0.000+/-0.000 χ^2/NDF : 5.0/4

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 : 5.0/4

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 : 119786.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

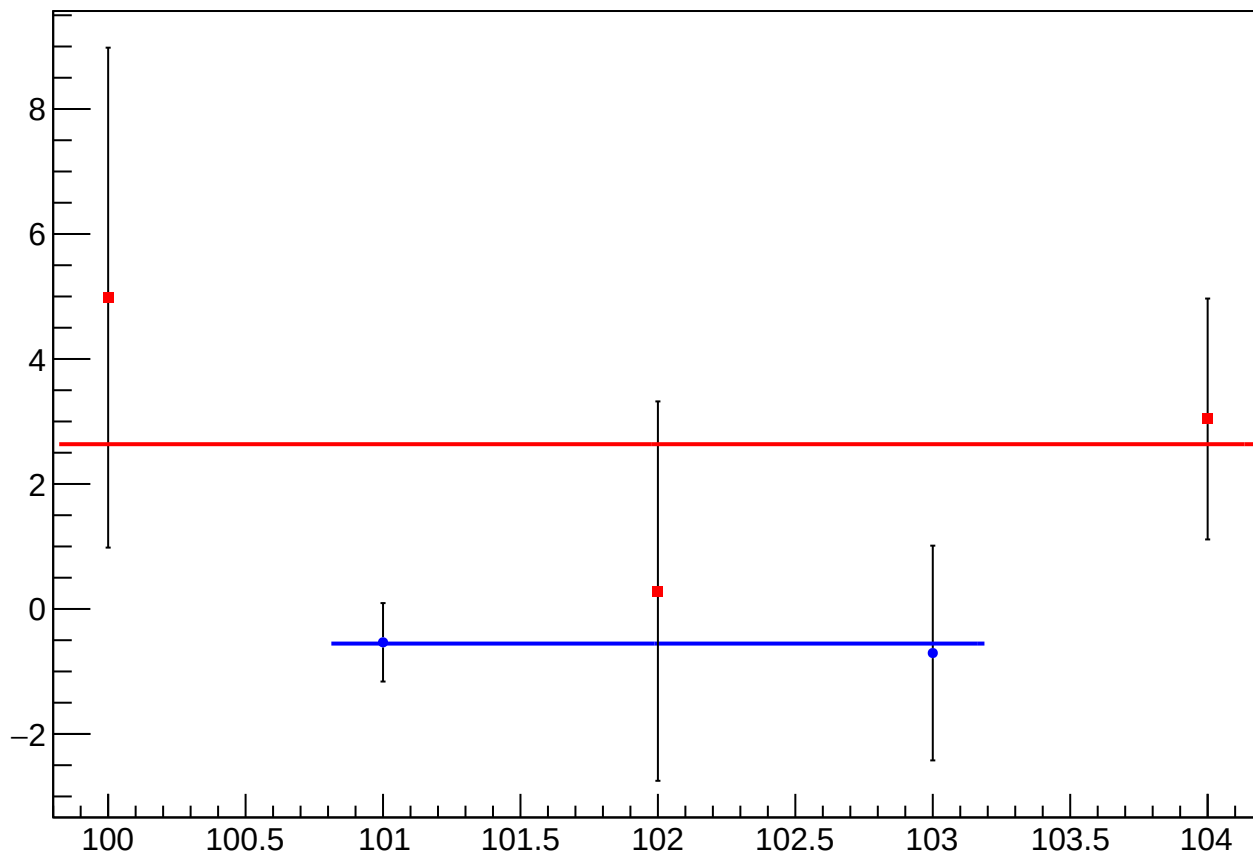
Right: 0.005+/-0.000 χ^2/NDF : 420219.1/4

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 : 420219.1/4

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 ± 0.590 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 2.637 ± 1.507 $\chi^2/\text{NDF}: 1.0/2$

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

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

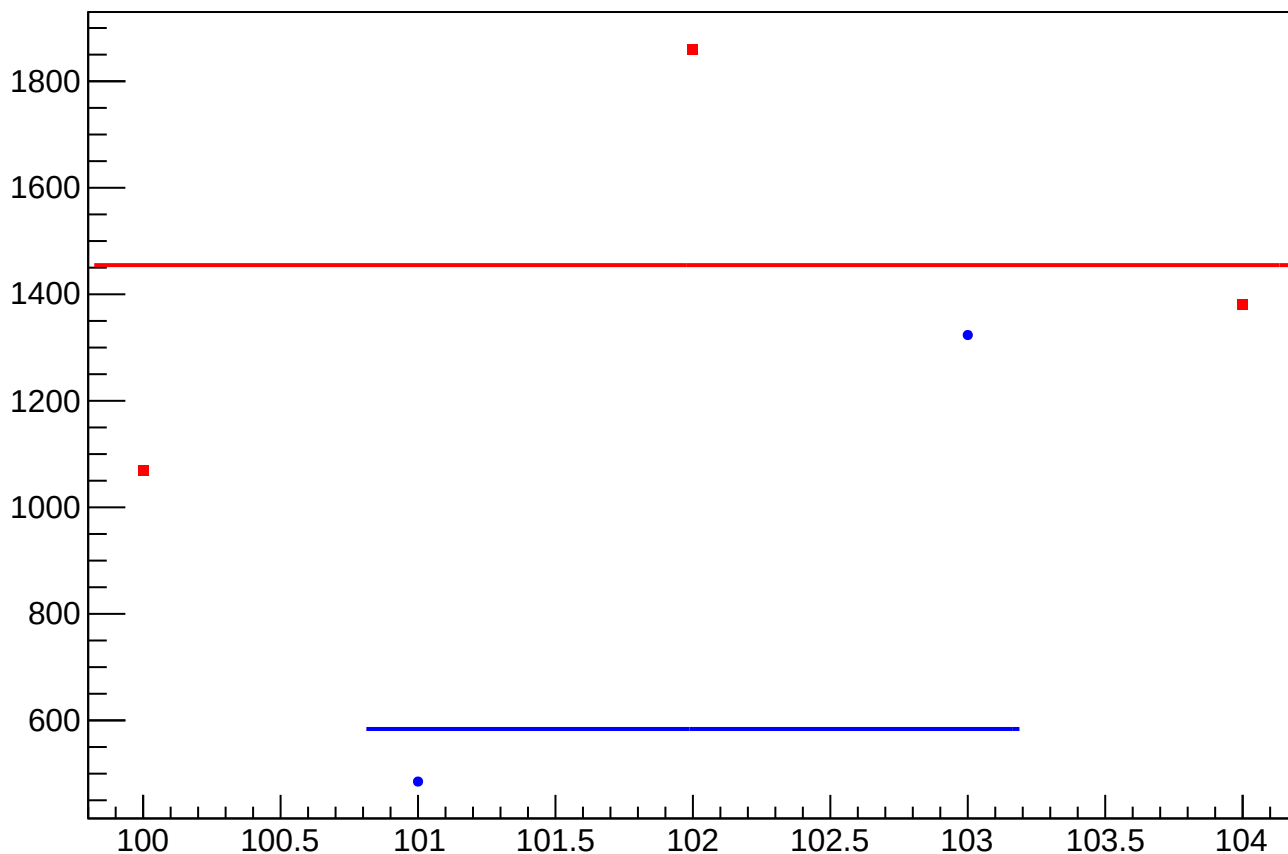
Right: -0.130 ± 0.549 $\chi^2/\text{NDF}: 4.9/4$

In: -0.554 ± 0.590 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.130 ± 0.549 $\chi^2/\text{NDF}: 4.9/4$

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: 1454.792+/-1.066 χ^2/NDF : 56959.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

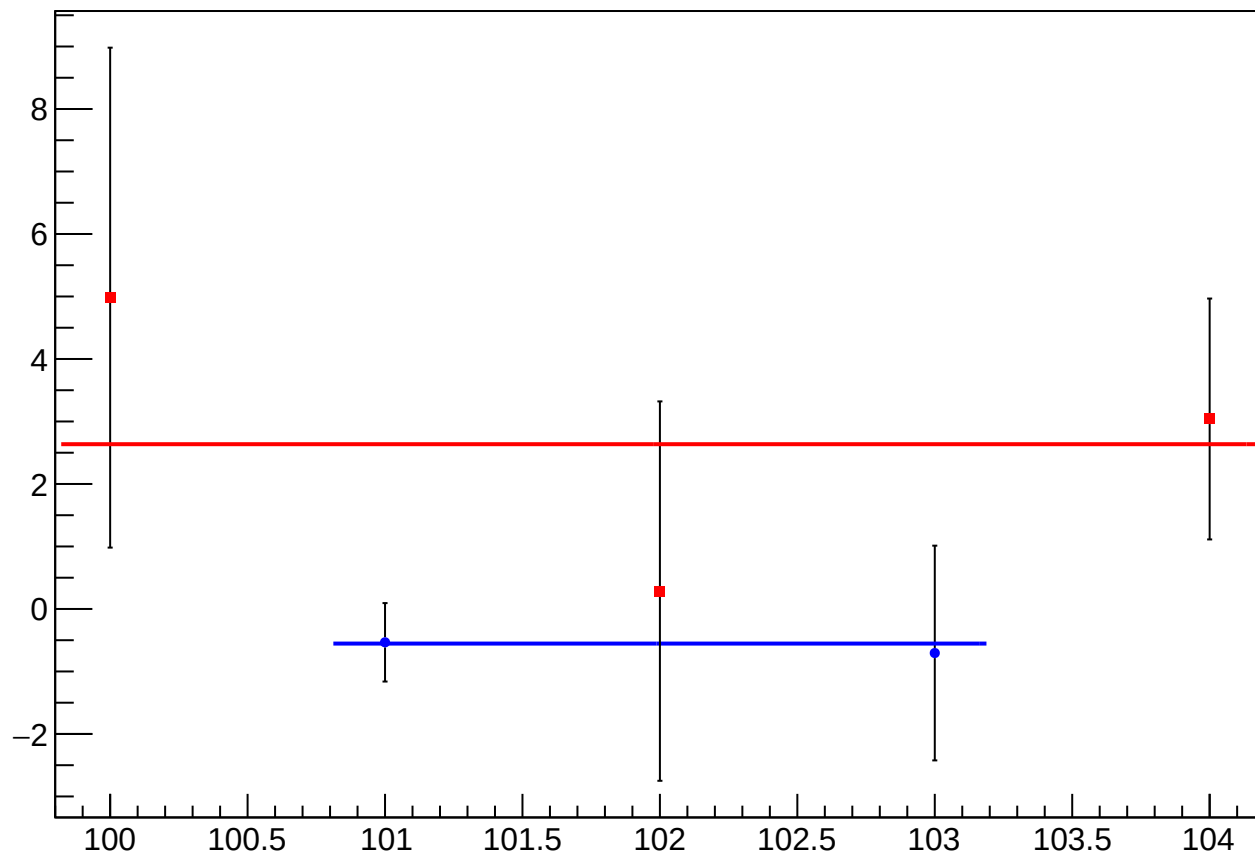
Right: 699.481+/-0.388 χ^2/NDF : 1056398.1/4

In: 583.882+/-0.417 χ^2/NDF : 420199.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.481+/-0.388 χ^2/NDF : 1056398.1/4

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.554 $\pm$ 0.590 χ^2 /NDF: 0.0/1

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

Right Out: 2.637 $\pm$ 1.507 χ^2 /NDF: 1.0/2

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

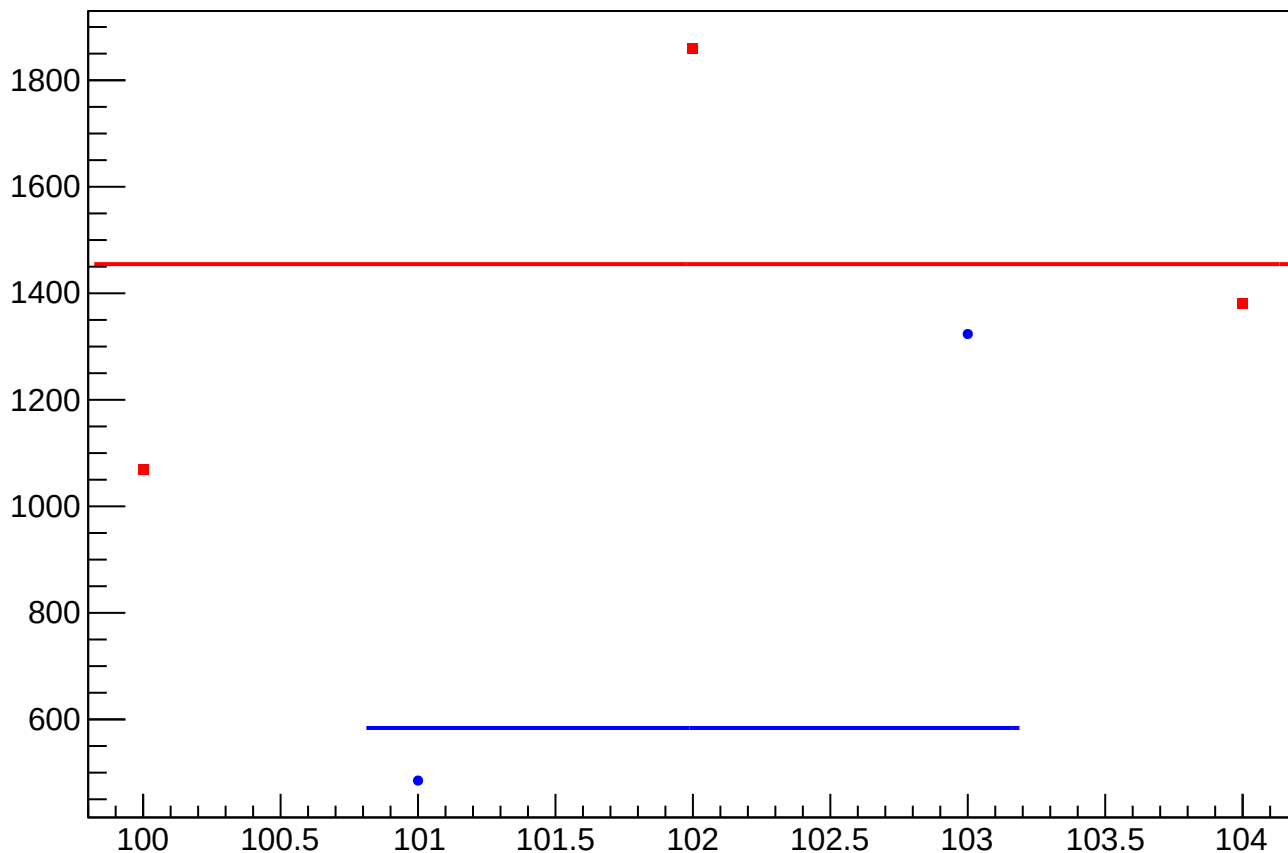
Right: -0.130 $\pm$ 0.549 χ^2 /NDF: 4.9/4

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: -0.130 $\pm$ 0.549 χ^2 /NDF: 4.9/4

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 583.882 $\pm$ 0.417 χ^2 /NDF: 420199.2/1

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

Right Out: 1454.792 $\pm$ 1.066 χ^2 /NDF: 56959.4/2

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

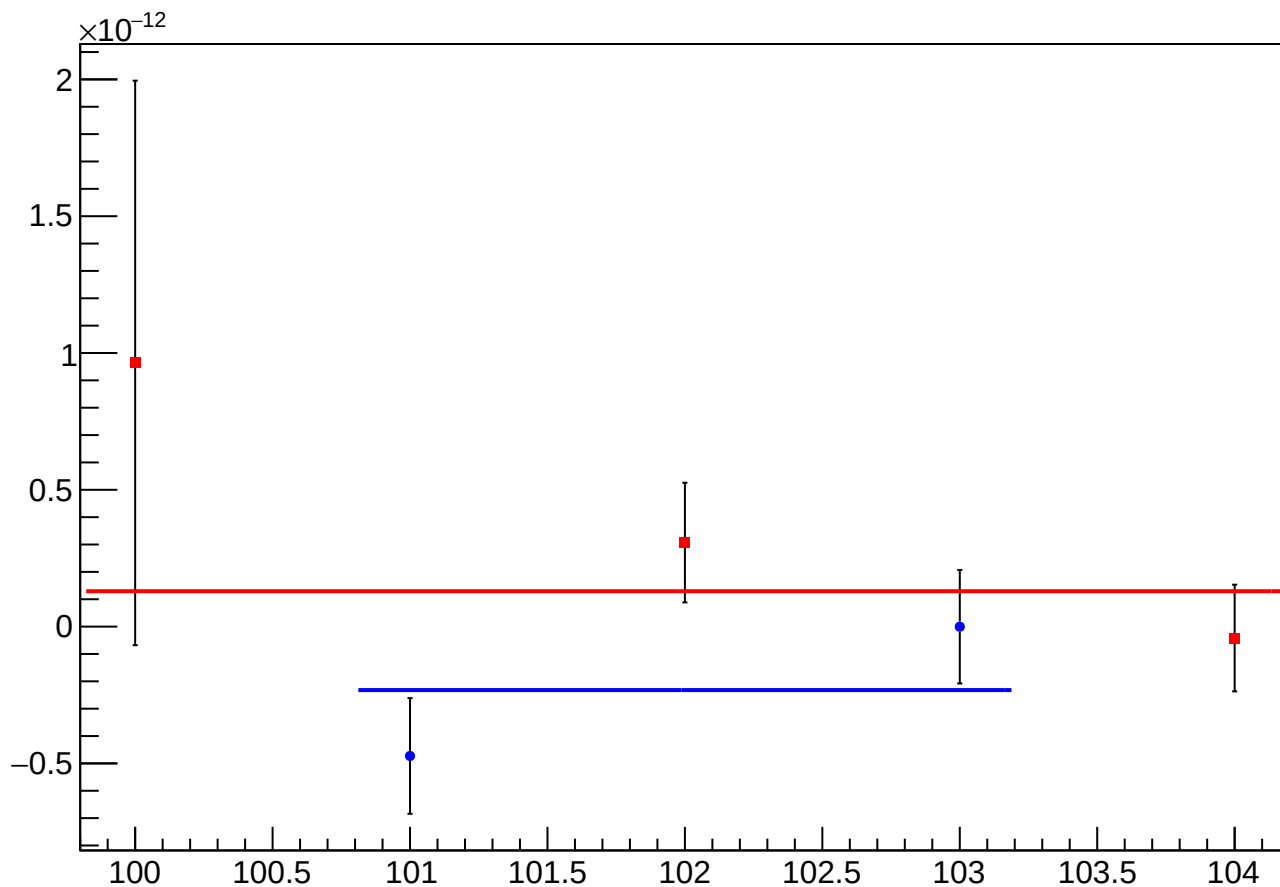
Right: 699.481 $\pm$ 0.388 χ^2 /NDF: 1056398.1/4

In: 583.882 $\pm$ 0.417 χ^2 /NDF:420199.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 699.481 $\pm$ 0.388 χ^2 /NDF: 1056398.1/4

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: 2.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

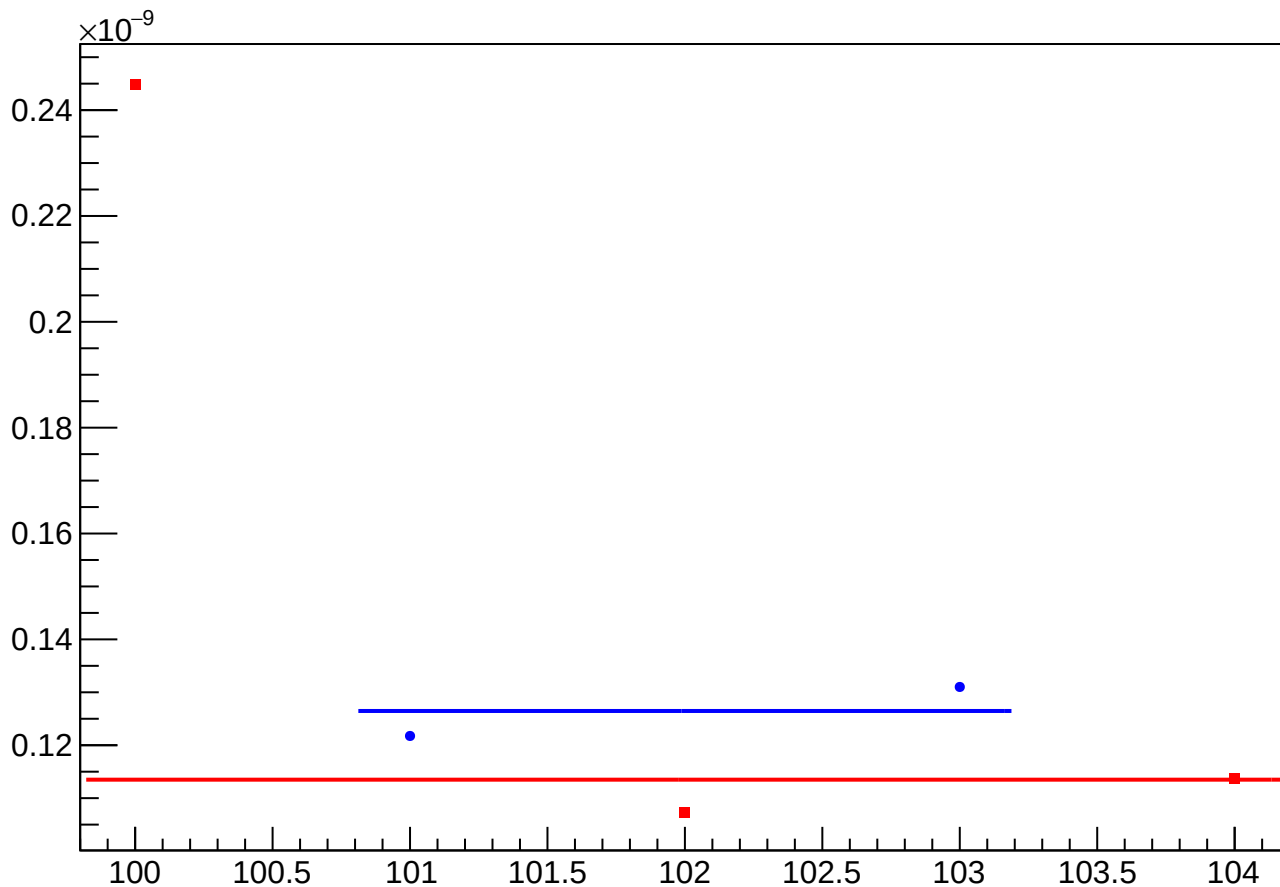
Right: -0.000+/-0.000 χ^2 /NDF: 7.7/4

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: 7.7/4

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 : 34080.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

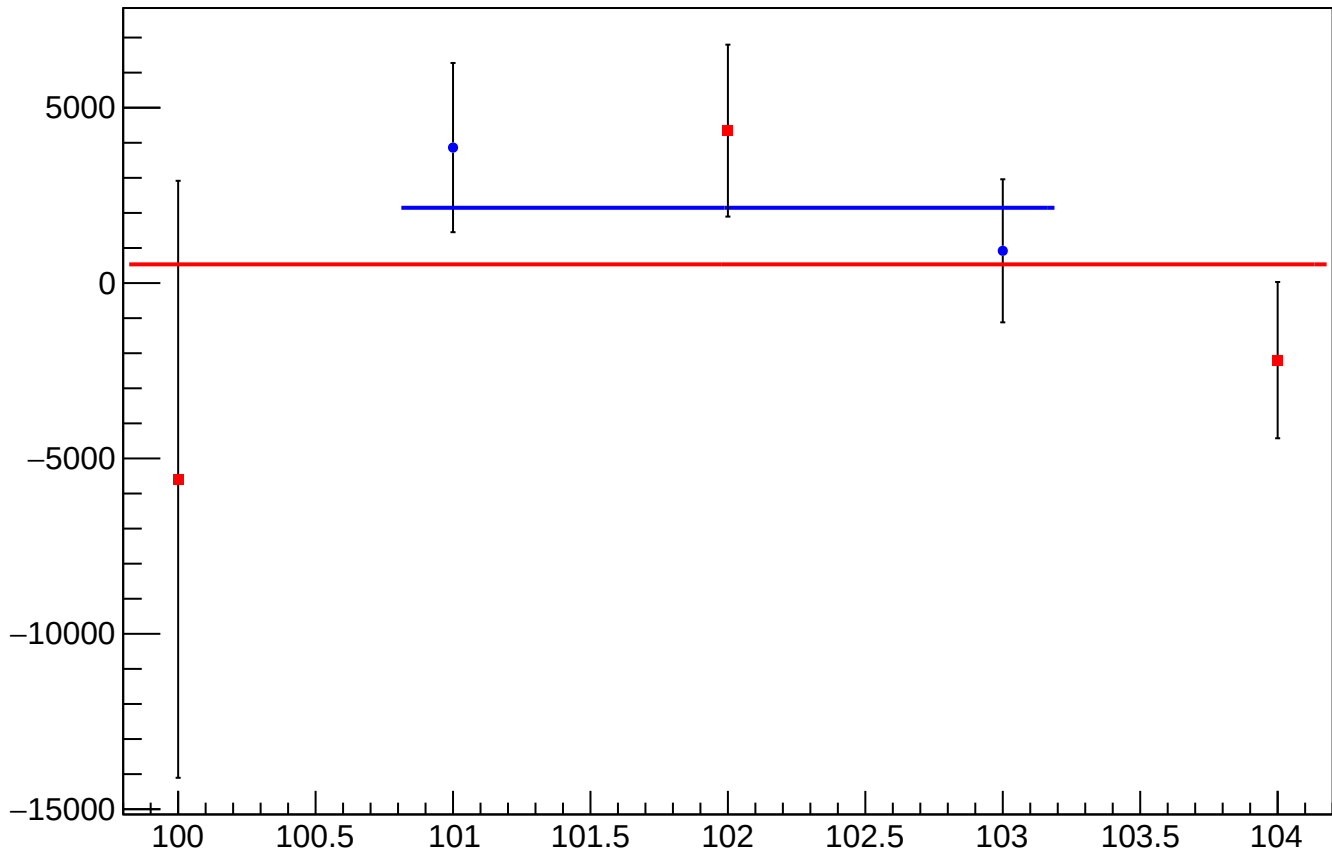
Right: 0.000+/-0.000 χ^2/NDF : 43930.2/4

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 : 43930.2/4

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2146.792 $\pm$ 1557.478 χ^2 /NDF: 0.9/1

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

Right Out: 533.668 $\pm$ 1618.485 χ^2 /NDF: 4.4/2

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

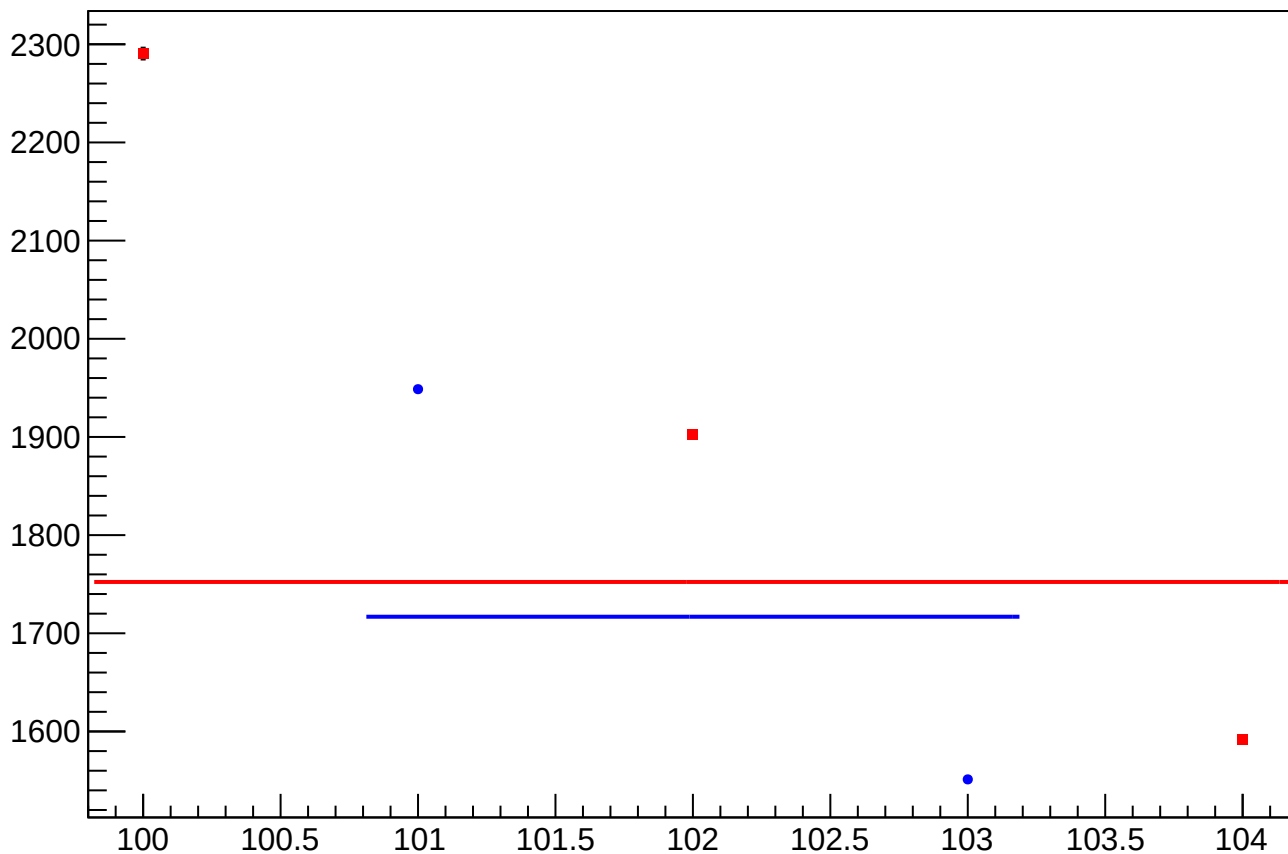
Right: 1371.205 $\pm$ 1122.251 χ^2 /NDF: 5.8/4

In: 2146.792 $\pm$ 1557.478 χ^2 /NDF: 0.9/1

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

All: 1371.205 $\pm$ 1122.251 χ^2 /NDF: 5.8/4

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: 1752.286+/-1.144 χ^2/NDF : 25911.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

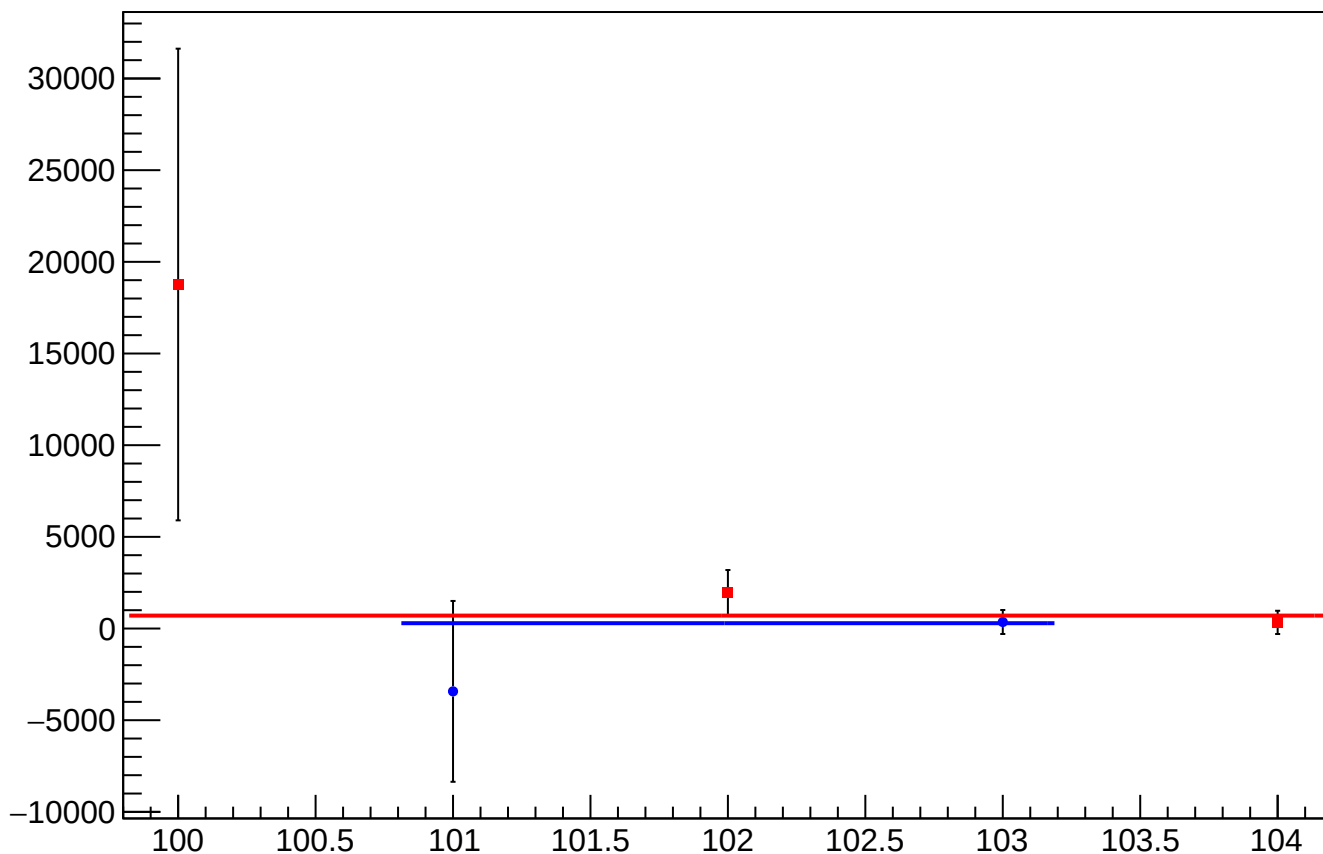
Right: 1733.900+/-0.794 χ^2/NDF : 58073.8/4

In: 1716.875+/-1.101 χ^2/NDF : 31665.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.900+/-0.794 χ^2/NDF : 58073.8/4

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: 705.456+/-563.934 χ^2/NDF : 3.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

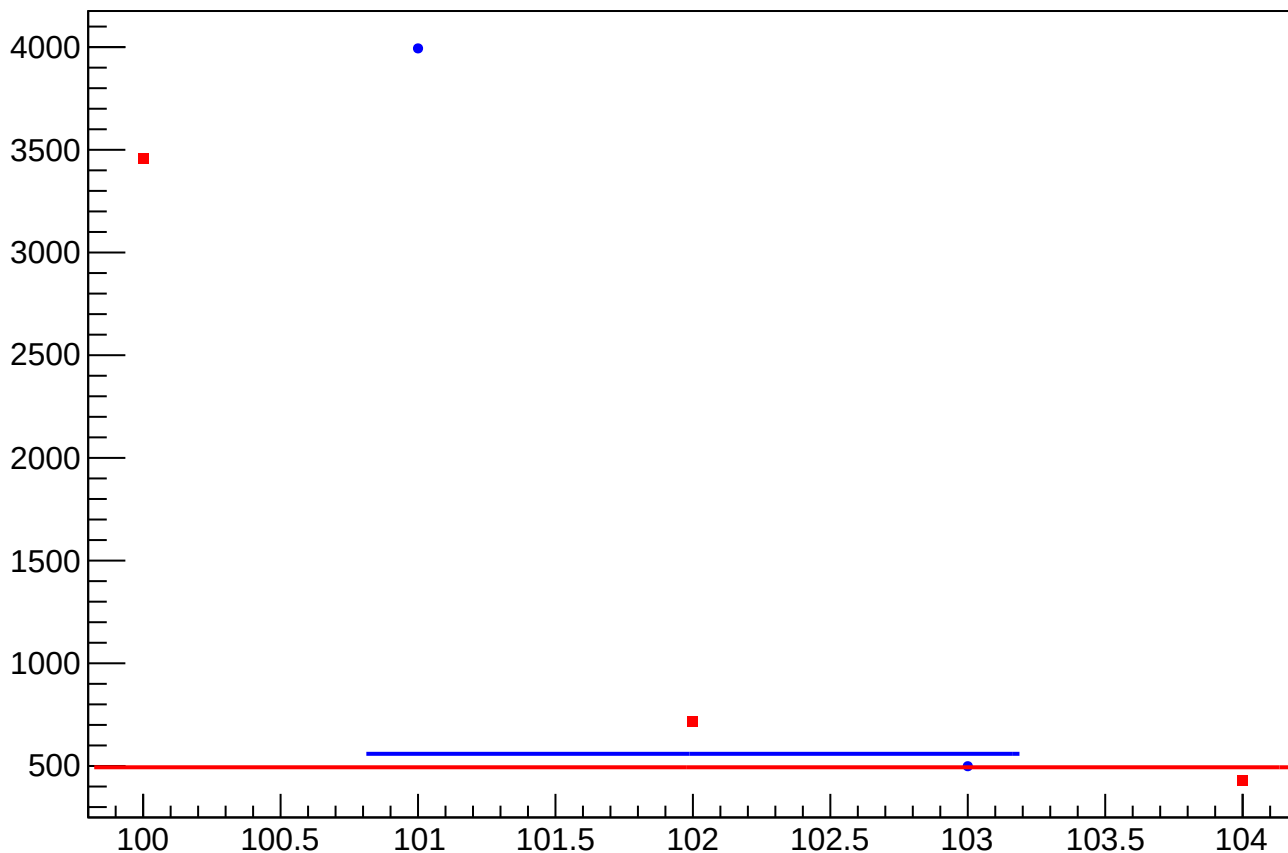
Right: 526.773+/-425.488 χ^2/NDF : 4.1/4

In: 290.621+/-648.312 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.773+/-425.488 χ^2/NDF : 4.1/4

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: 493.746+/-0.399 χ^2/NDF : 191770.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

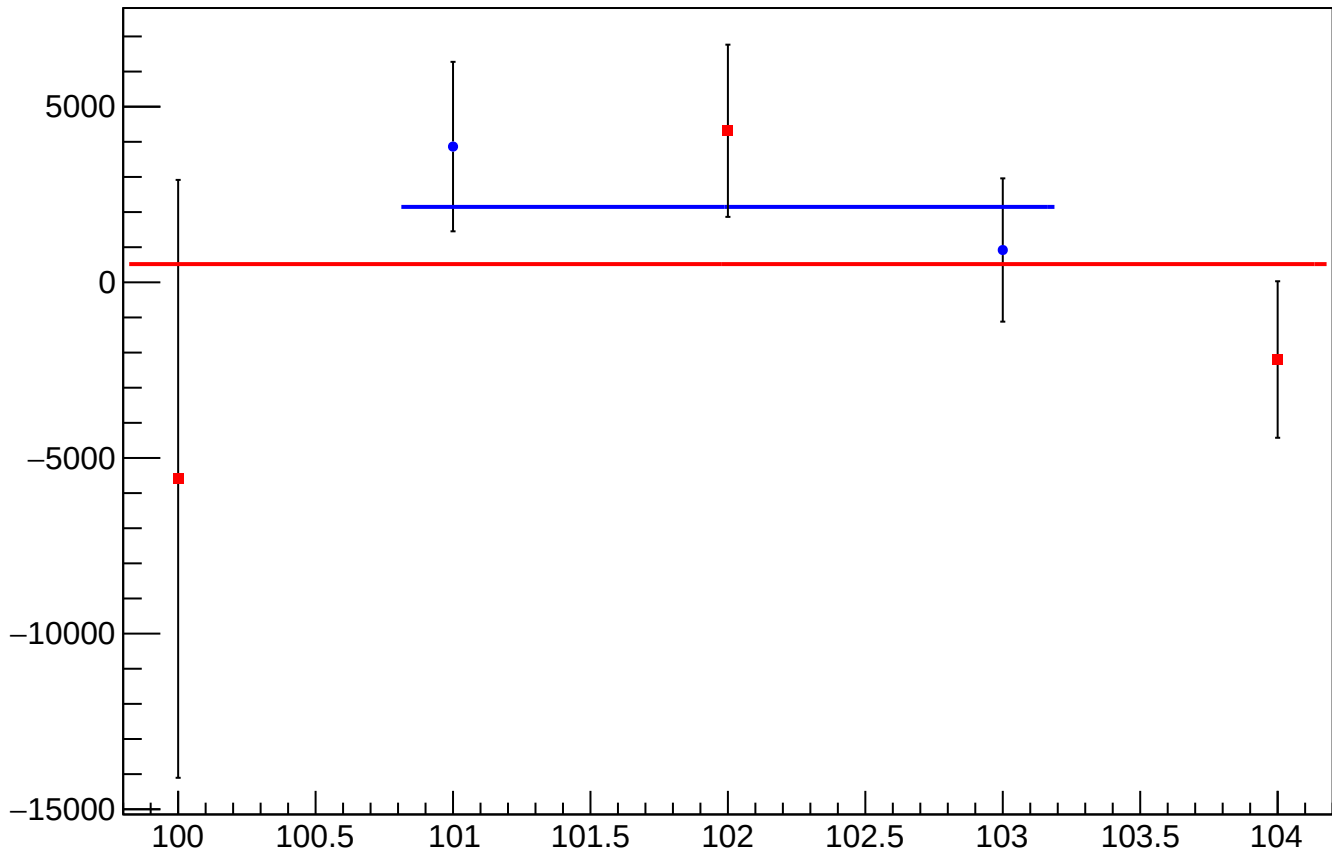
Right: 521.988+/-0.301 χ^2/NDF : 1190373.3/4

In: 559.313+/-0.458 χ^2/NDF : 986957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.988+/-0.301 χ^2/NDF : 1190373.3/4

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442 $\pm$ 1557.478 χ^2 /NDF: 0.9/1

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

Right Out: 519.127 $\pm$ 1618.567 χ^2 /NDF: 4.4/2

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

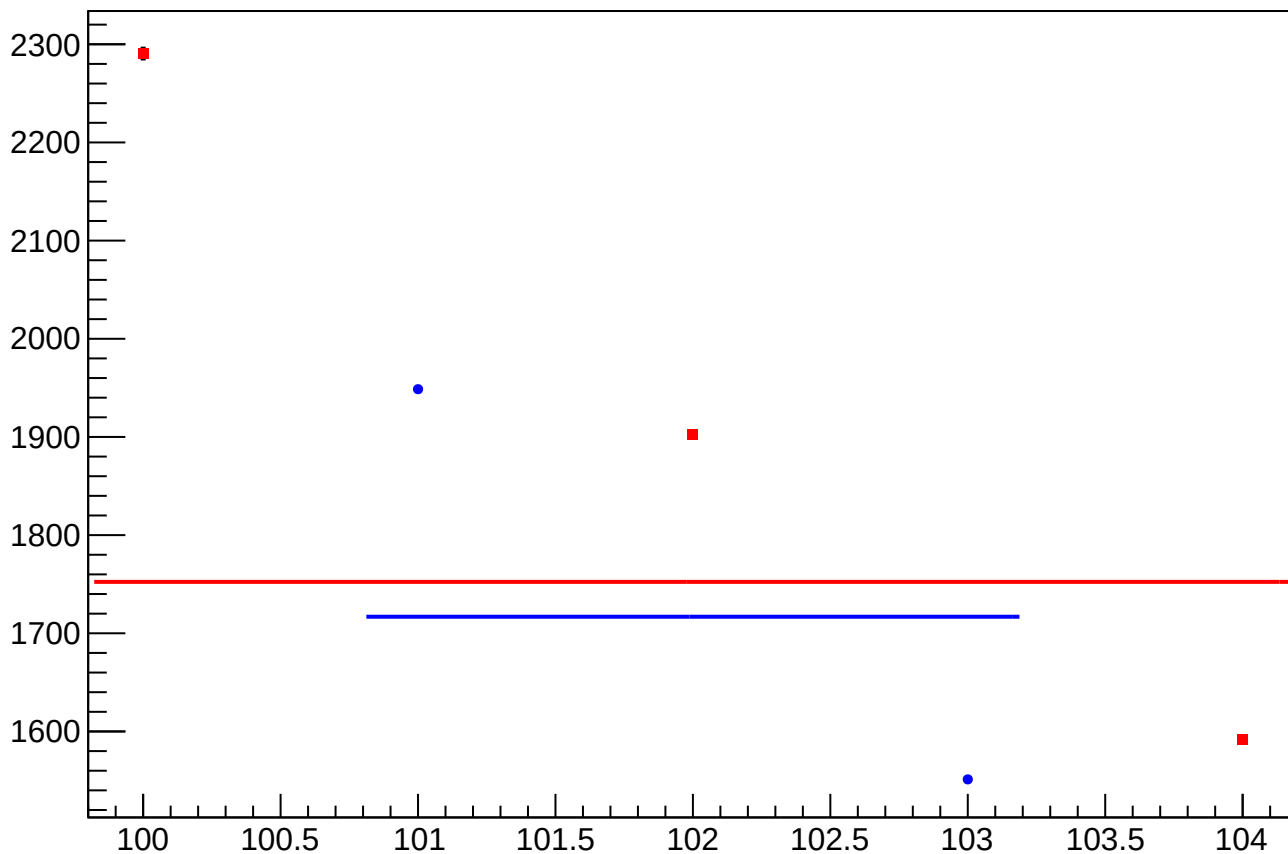
Right: 1364.592 $\pm$ 1122.279 χ^2 /NDF: 5.8/4

In: 2147.442 $\pm$ 1557.478 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1364.592 $\pm$ 1122.279 χ^2 /NDF: 5.8/4

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: 1752.383+/-1.144 χ^2/NDF : 25935.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

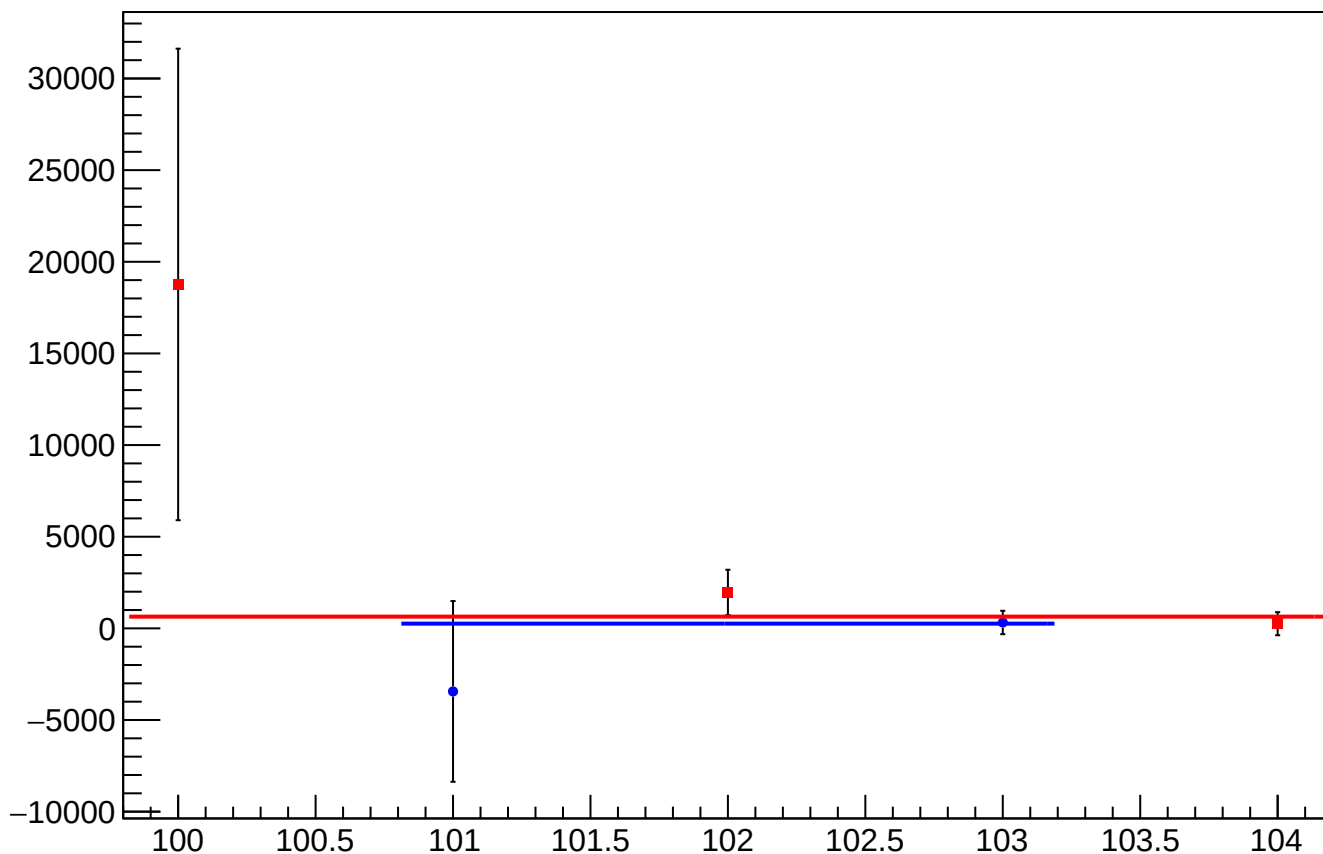
Right: 1733.946+/-0.794 χ^2/NDF : 58100.7/4

In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.946+/-0.794 χ^2/NDF : 58100.7/4

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: 640.203+/-560.791 χ^2/NDF : 3.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

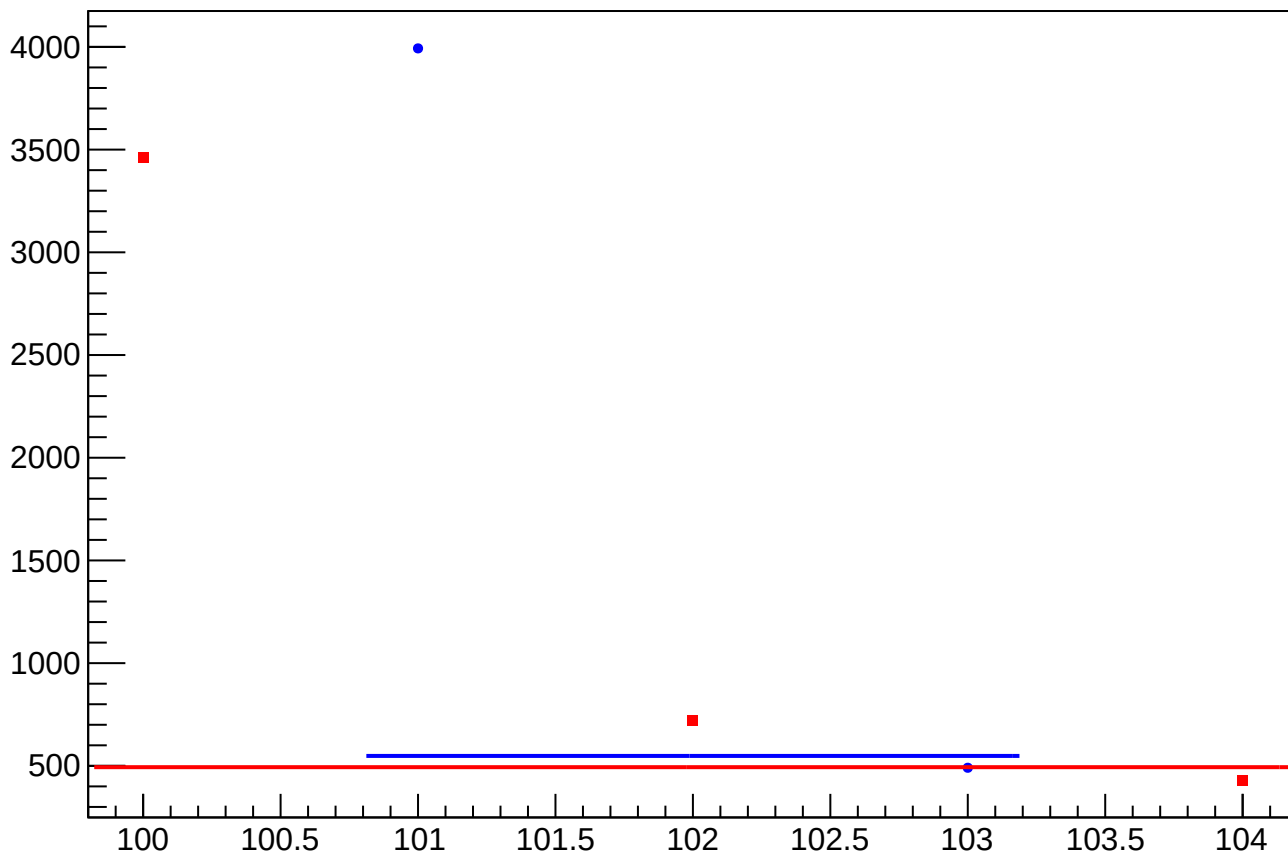
Right: 472.245+/-419.550 χ^2/NDF : 4.3/4

In: 258.730+/-632.289 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.245+/-419.550 χ^2/NDF : 4.3/4

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: 493.589+/-0.397 χ^2/NDF : 195199.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

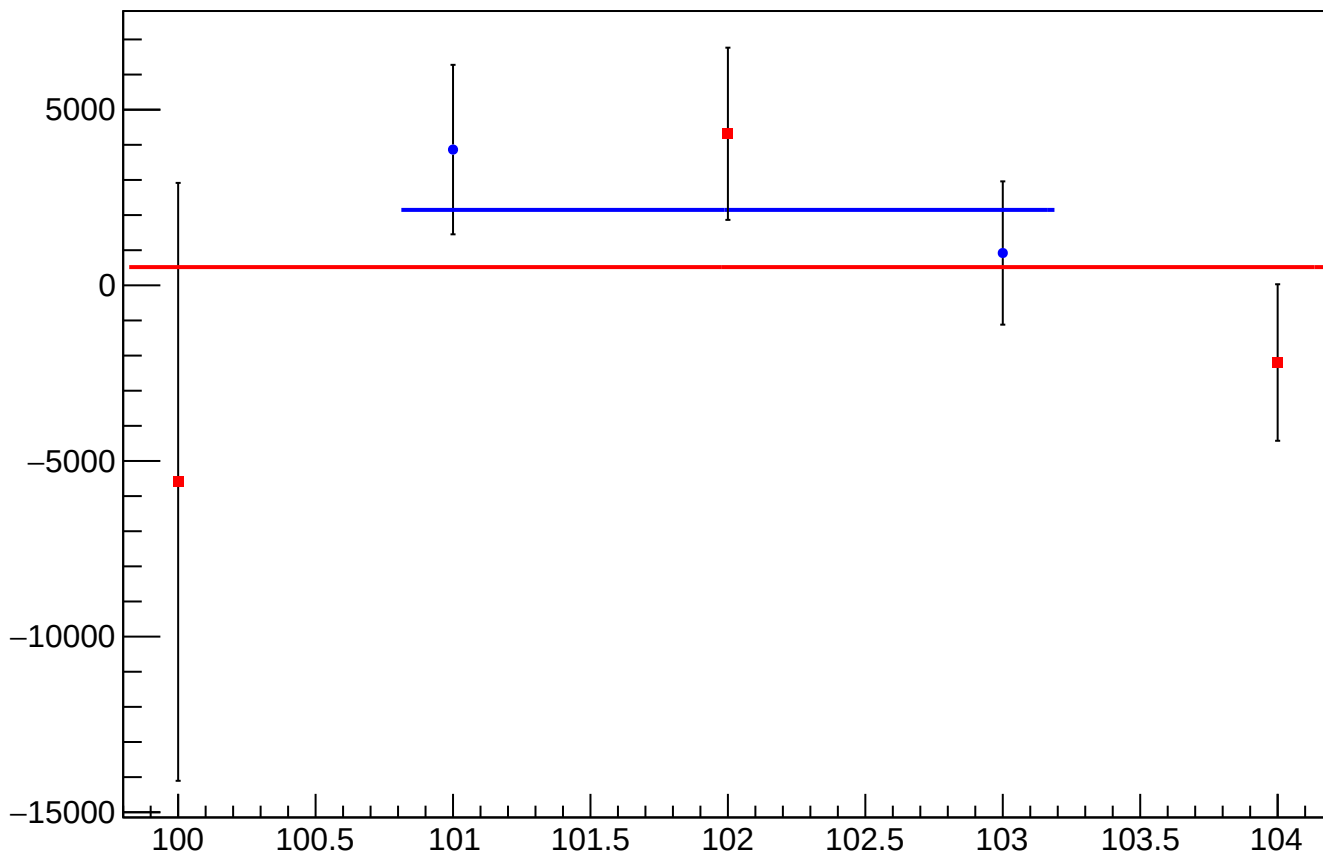
Right: 517.705+/-0.297 χ^2/NDF : 1195928.0/4

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.705+/-0.297 χ^2/NDF : 1195928.0/4

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 2147.442 $\pm$ 1557.478 χ^2 /NDF: 0.9/1

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

Right Out: 519.127 $\pm$ 1618.567 χ^2 /NDF: 4.4/2

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

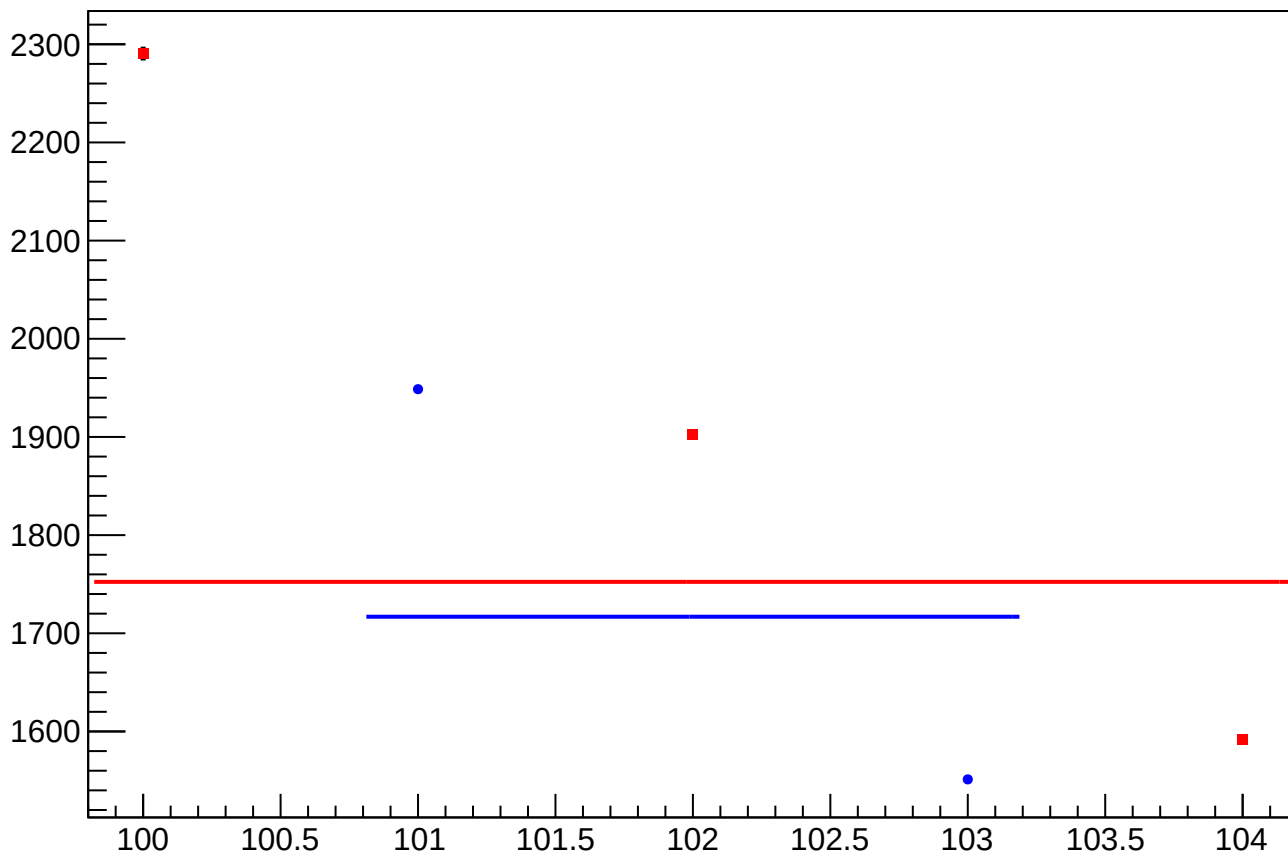
Right: 1364.592 $\pm$ 1122.279 χ^2 /NDF: 5.8/4

In: 2147.442 $\pm$ 1557.478 χ^2 /NDF: 0.9/1

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

All: 1364.592 $\pm$ 1122.279 χ^2 /NDF: 5.8/4

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: 1752.383+/-1.144 χ^2/NDF : 25935.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

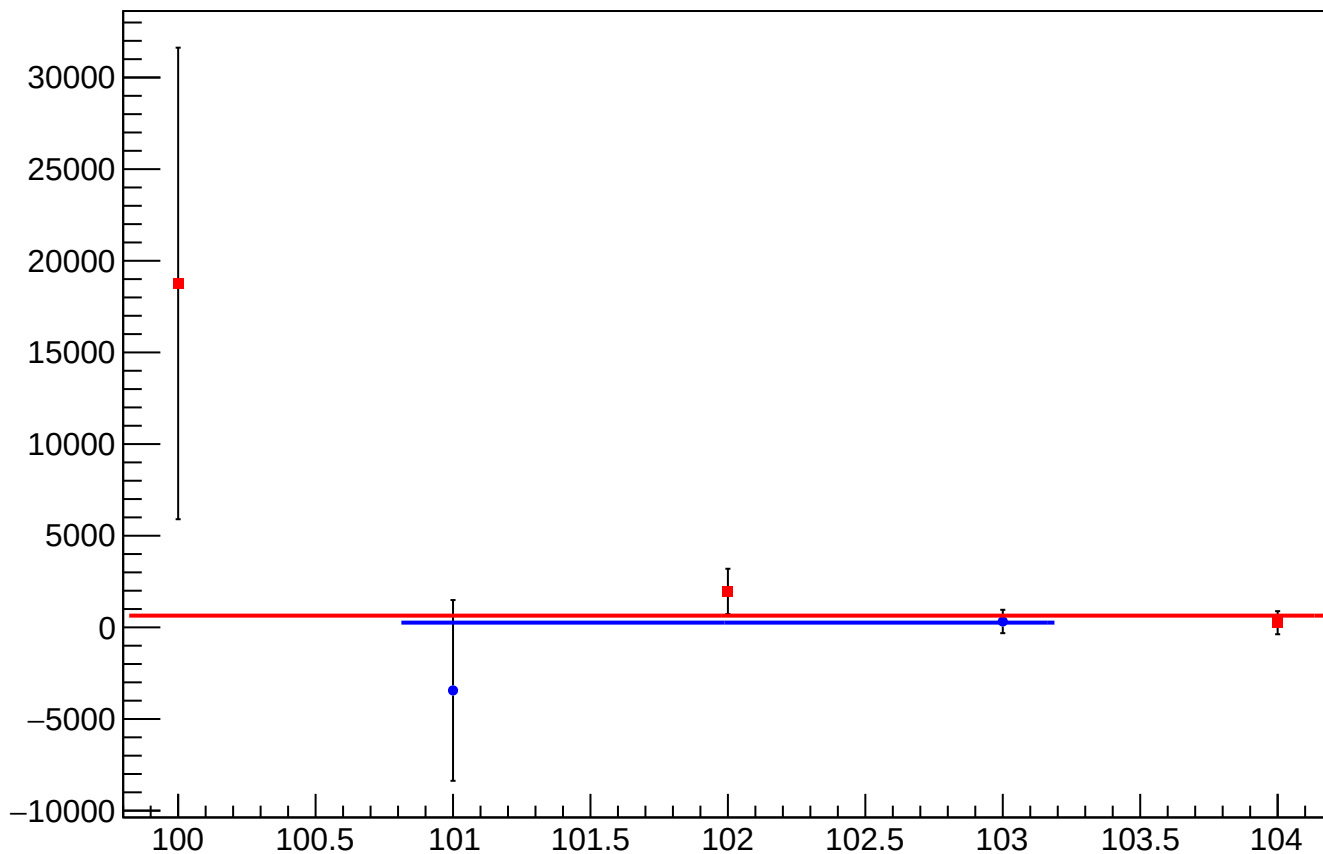
Right: 1733.946+/-0.794 χ^2/NDF : 58100.7/4

In: 1716.874+/-1.101 χ^2/NDF : 31665.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.946+/-0.794 χ^2/NDF : 58100.7/4

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: 640.203+/-560.791 χ^2/NDF : 3.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

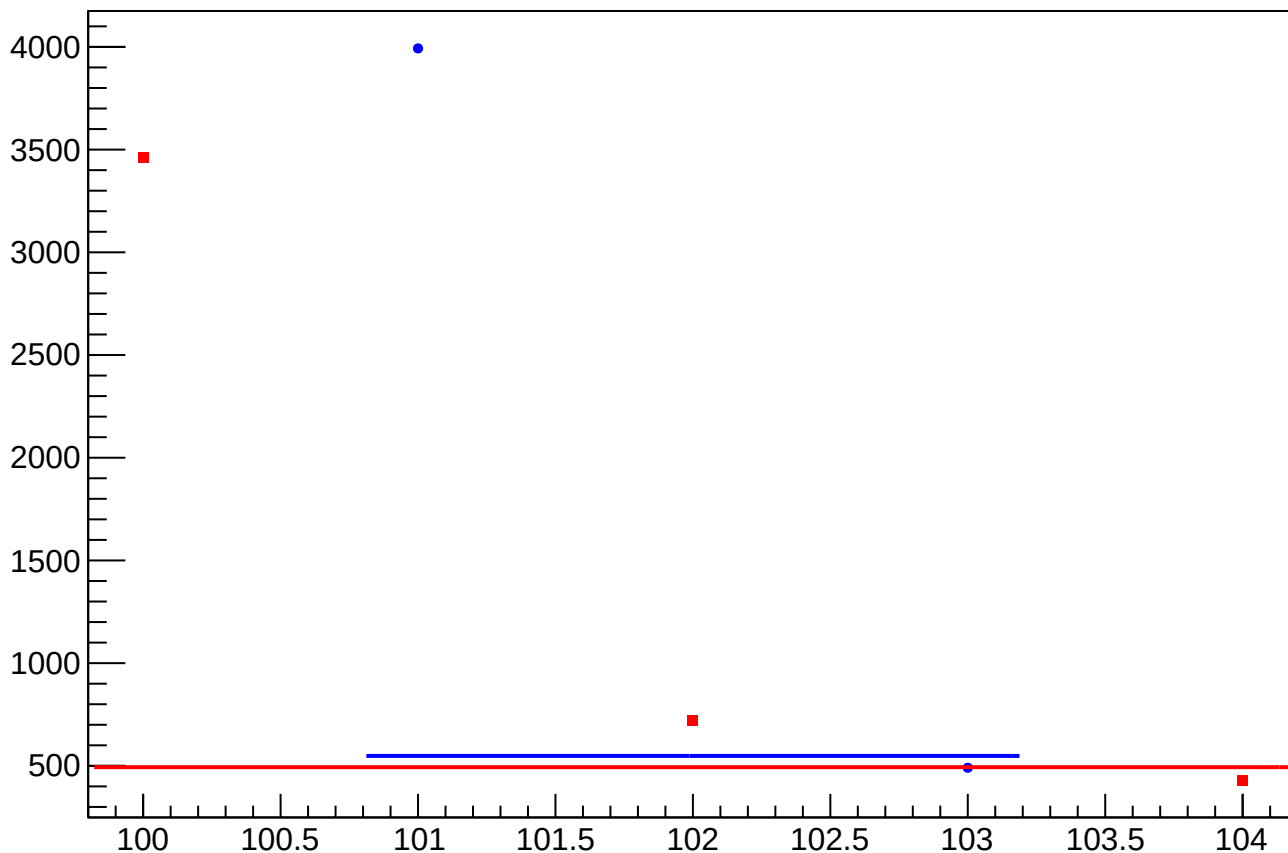
Right: 472.245+/-419.550 χ^2/NDF : 4.3/4

In: 258.730+/-632.289 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.245+/-419.550 χ^2/NDF : 4.3/4

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: 493.589+/-0.397 χ^2/NDF : 195199.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

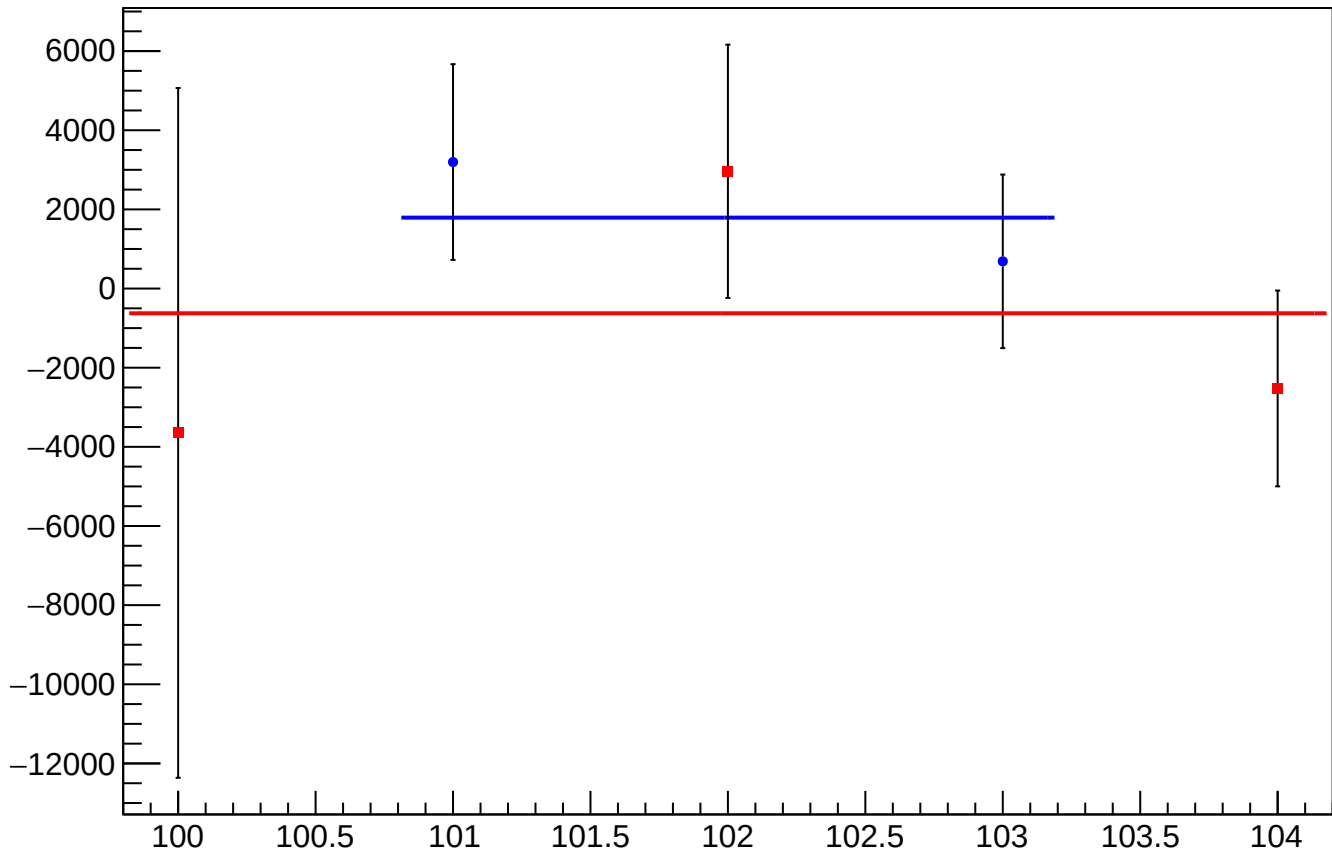
Right: 517.705+/-0.297 χ^2/NDF : 1195928.0/4

In: 548.362+/-0.447 χ^2/NDF : 992328.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.705+/-0.297 χ^2/NDF : 1195928.0/4

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1791.740+/-1640.761 χ^2/NDF : 0.6/1

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

Right Out: -625.240+/-1909.546 χ^2/NDF : 2.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

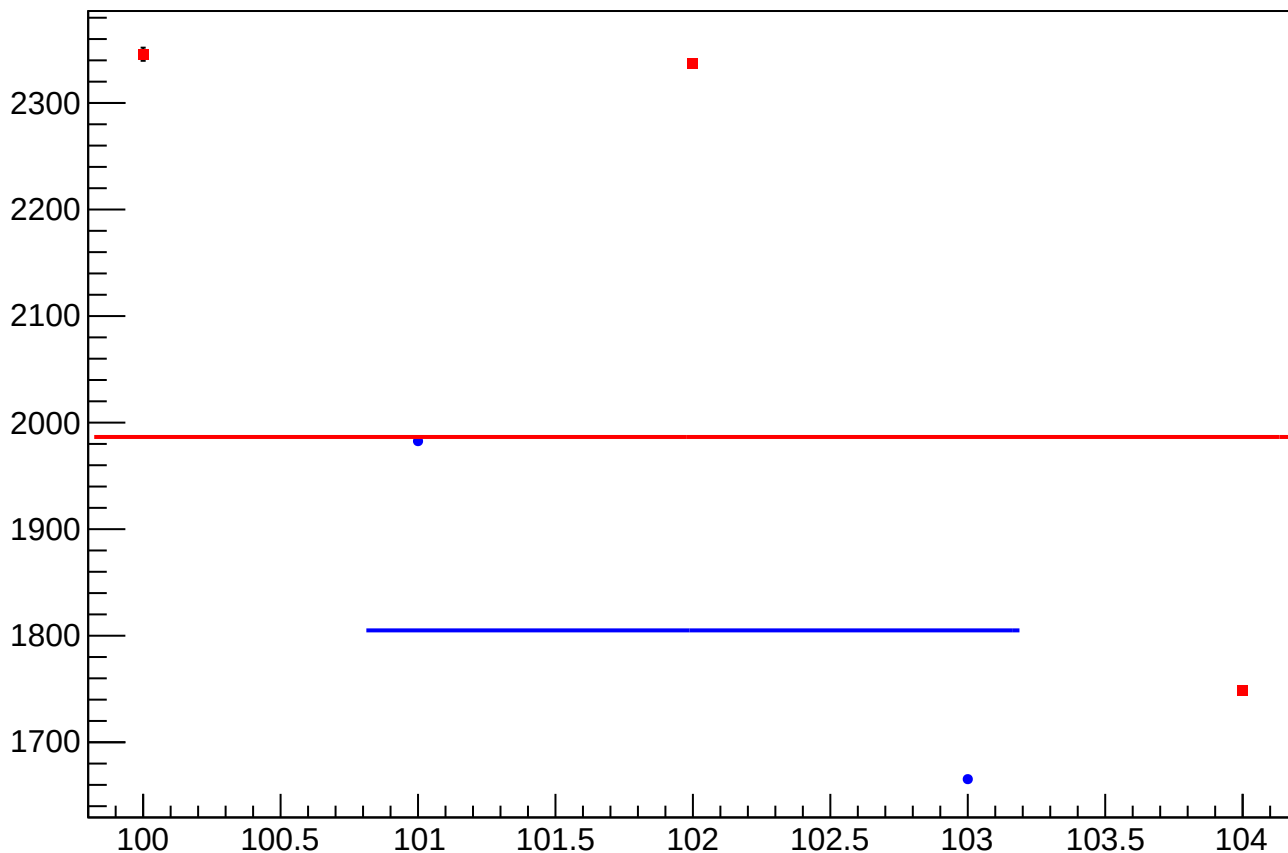
Right: 765.191+/-1244.467 χ^2/NDF : 3.5/4

In: 1791.740+/-1640.761 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 765.191+/-1244.467 χ^2/NDF : 3.5/4

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: 1986.526+/-1.350 χ^2/NDF : 45853.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

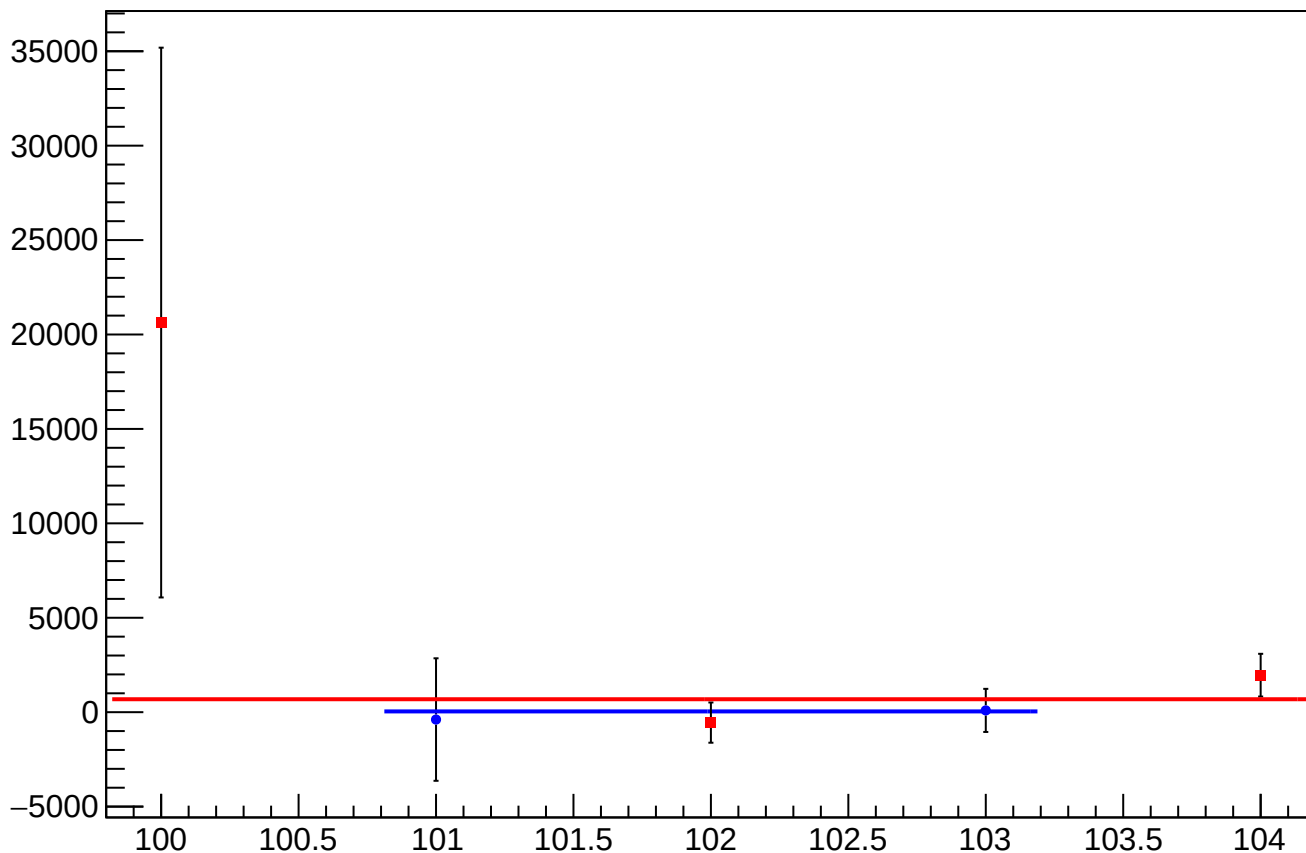
Right: 1882.100+/-0.880 χ^2/NDF : 74674.9/4

In: 1805.003+/-1.160 χ^2/NDF : 18424.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.100+/-0.880 χ^2/NDF : 74674.9/4

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: 685.596+/-774.510 χ^2/NDF : 4.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

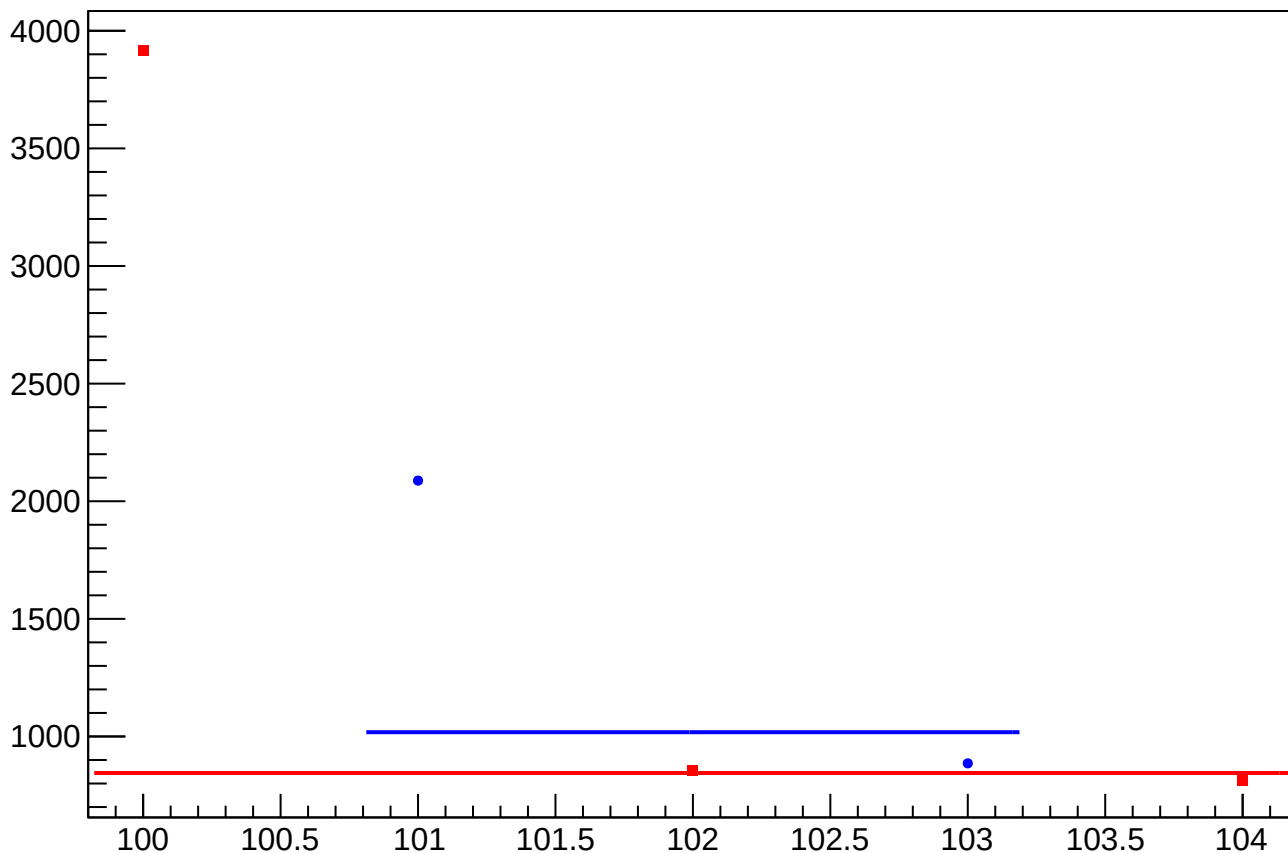
Right: 465.656+/-628.711 χ^2/NDF : 4.8/4

In: 40.720+/-1076.558 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.656+/-628.711 χ^2/NDF : 4.8/4

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: 844.753+/-0.548 χ^2/NDF : 91050.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

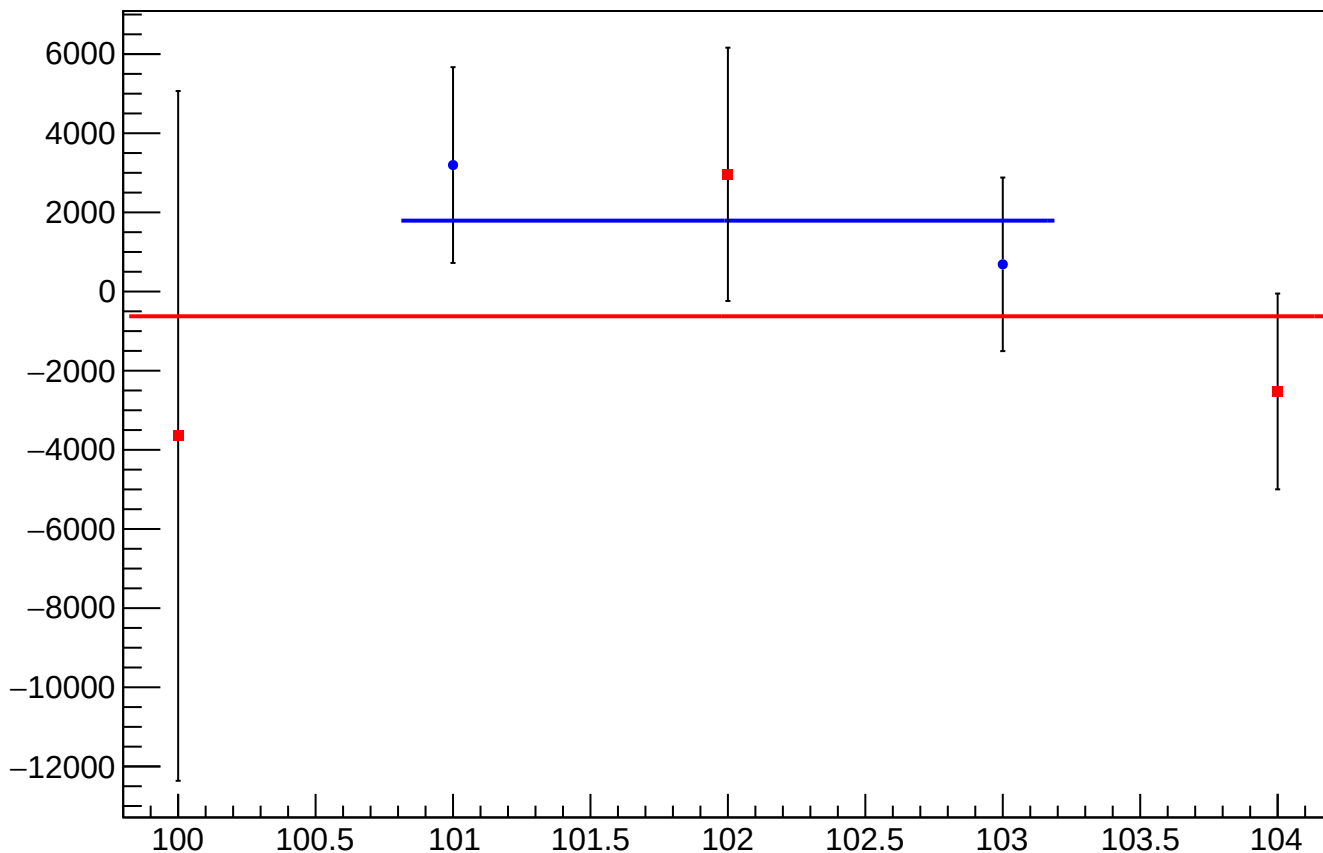
Right: 903.880+/-0.445 χ^2/NDF : 369671.4/4

In: 1018.117+/-0.761 χ^2/NDF : 244445.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.880+/-0.445 χ^2/NDF : 369671.4/4

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: -625.255 $\pm$ 1909.544 χ^2 /NDF: 2.0/2

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

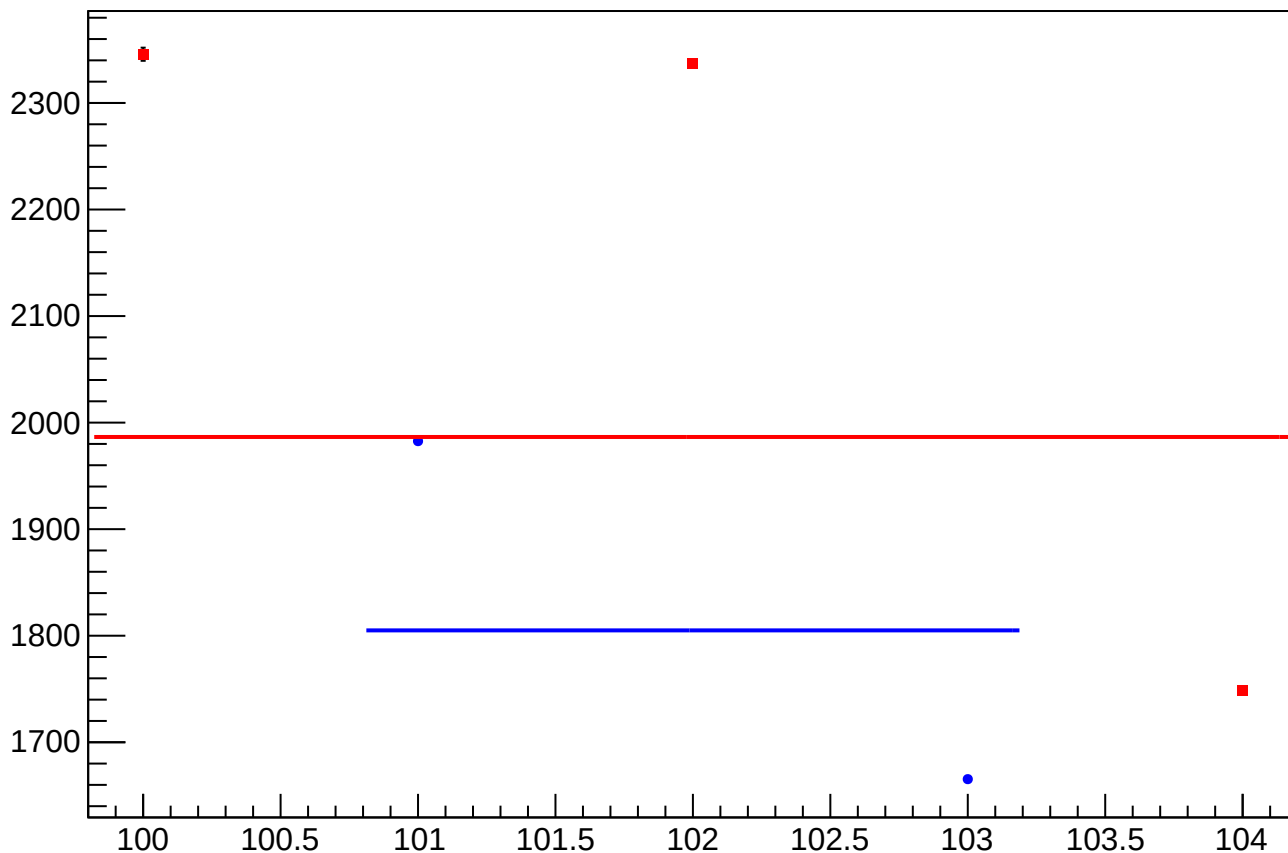
Right: 765.181 $\pm$ 1244.466 χ^2 /NDF: 3.5/4

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: 765.181 $\pm$ 1244.466 χ^2 /NDF: 3.5/4

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: 1986.524+/-1.350 χ^2/NDF : 45853.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

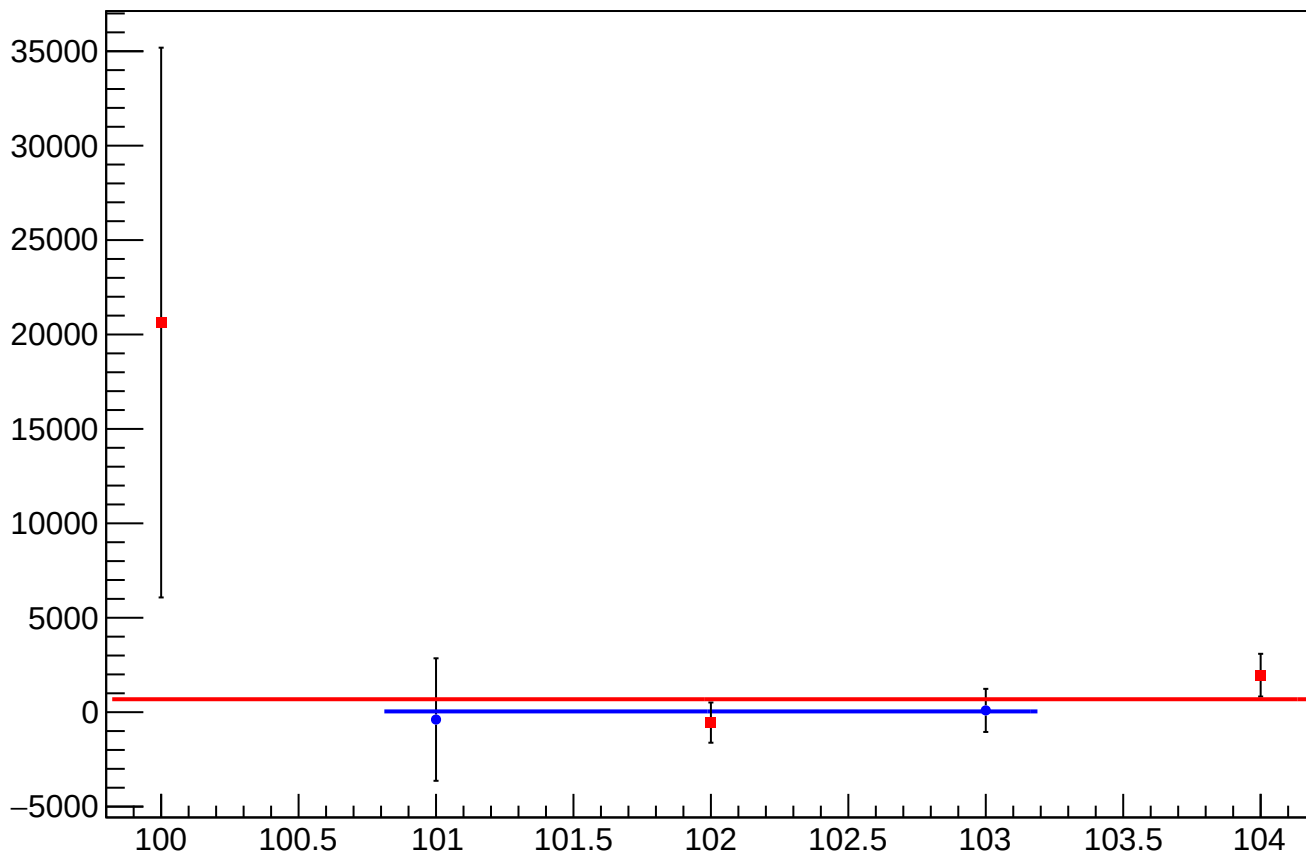
Right: 1882.098+/-0.880 χ^2/NDF : 74675.3/4

In: 1805.001+/-1.160 χ^2/NDF : 18424.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.098+/-0.880 χ^2/NDF : 74675.3/4

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: 685.590+/-774.503 χ^2/NDF : 4.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

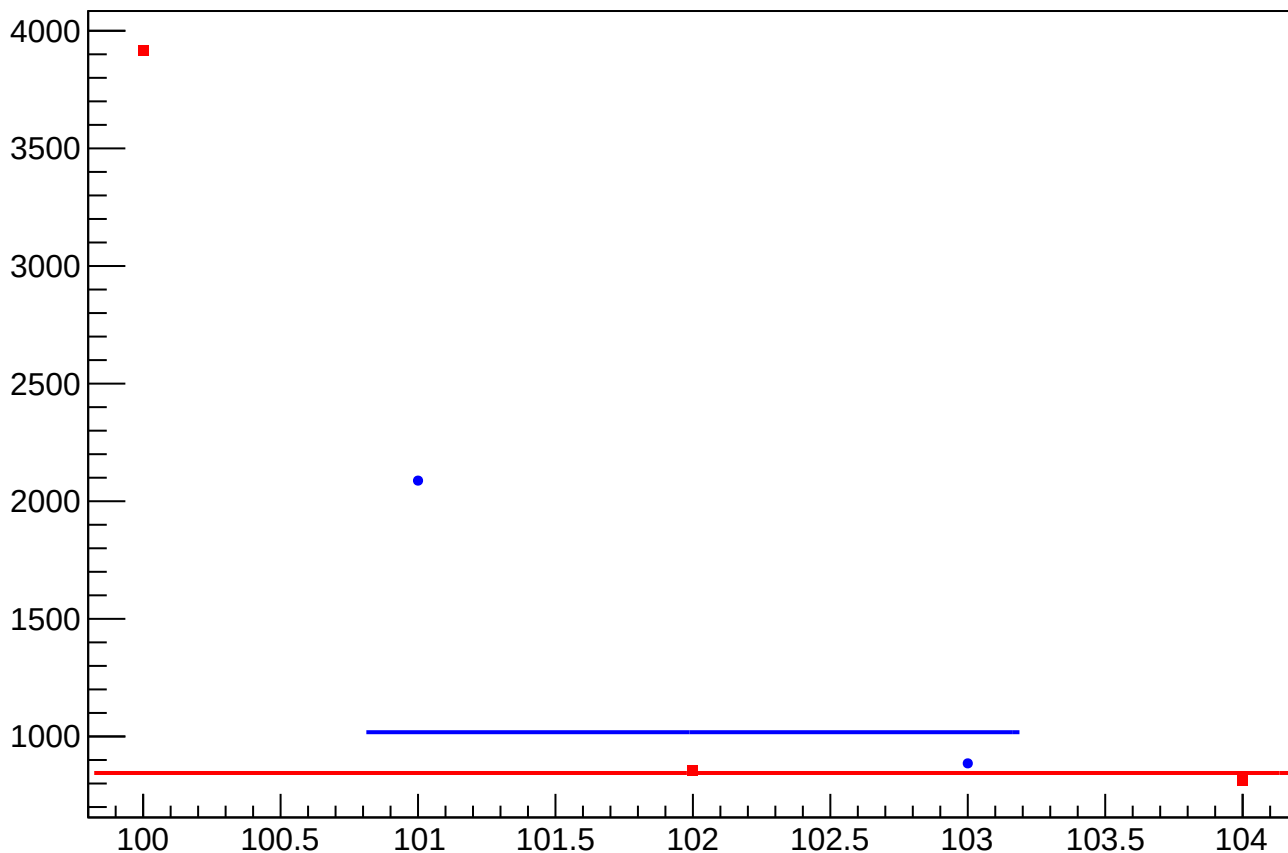
Right: 465.653+/-628.706 χ^2/NDF : 4.8/4

In: 40.721+/-1076.549 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.653+/-628.706 χ^2/NDF : 4.8/4

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: 844.745+/-0.548 χ^2/NDF : 91050.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

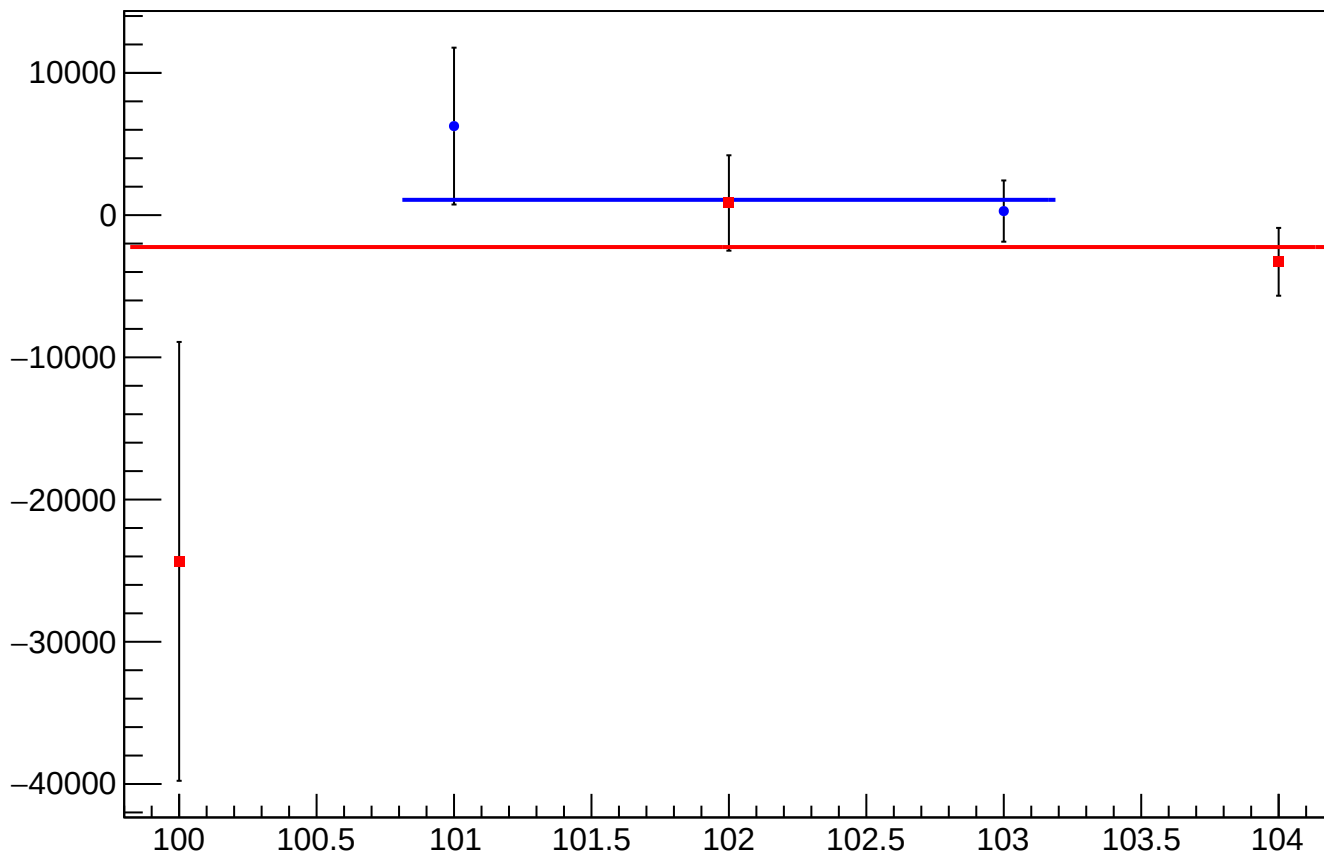
Right: 903.872+/-0.445 χ^2/NDF : 369670.4/4

In: 1018.108+/-0.761 χ^2/NDF : 244443.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 903.872+/-0.445 χ^2/NDF : 369670.4/4

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: -2244.144+/-1927.964 χ^2/NDF : 3.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

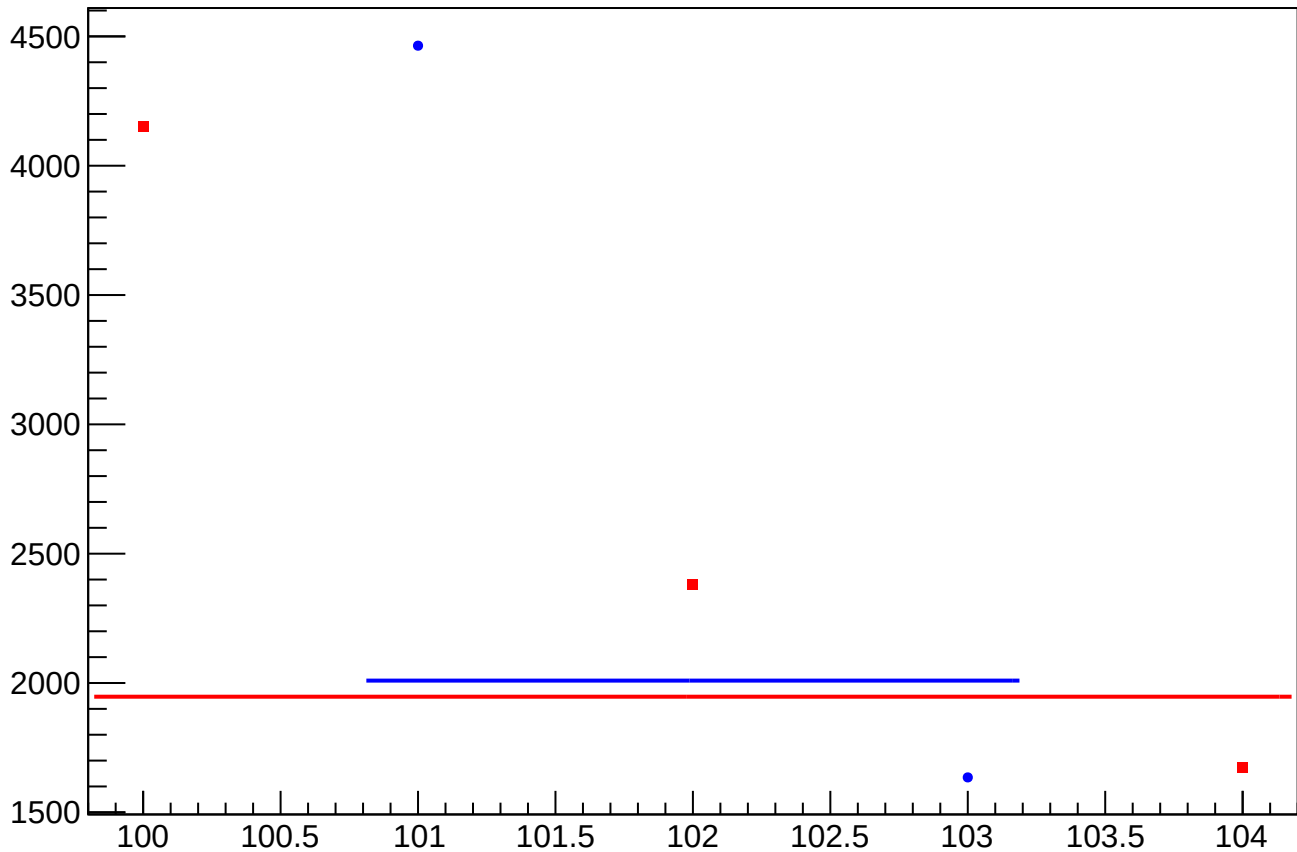
Right: -649.759+/-1389.918 χ^2/NDF : 5.5/4

In: 1075.648+/-2005.618 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -649.759+/-1389.918 χ^2/NDF : 5.5/4

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: 1947.036+/-1.363 χ^2/NDF : 100564.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

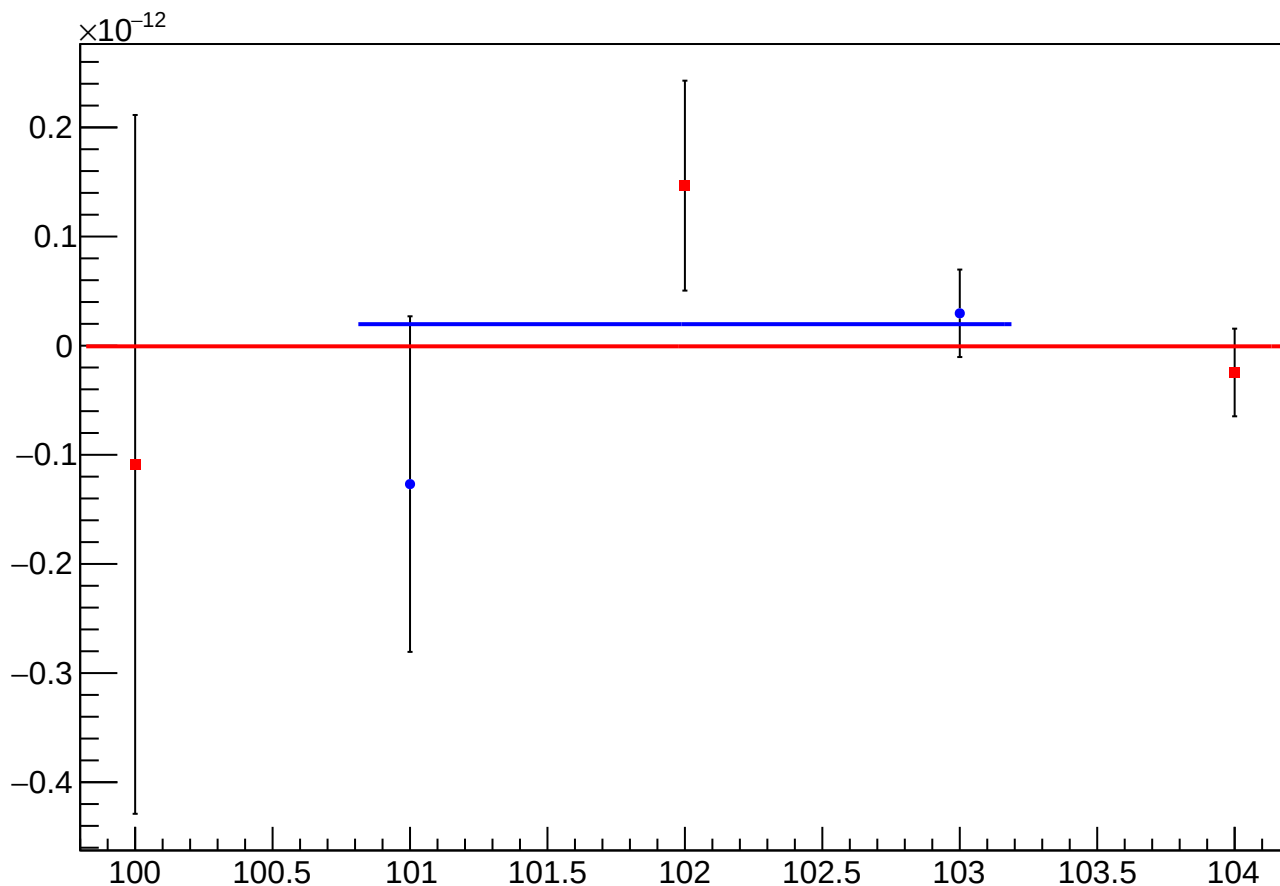
Right: 1976.919+/-0.983 χ^2/NDF : 558359.7/4

In: 2009.257+/-1.418 χ^2/NDF : 456794.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1976.919+/-0.983 χ^2/NDF : 558359.7/4

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 : 2.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

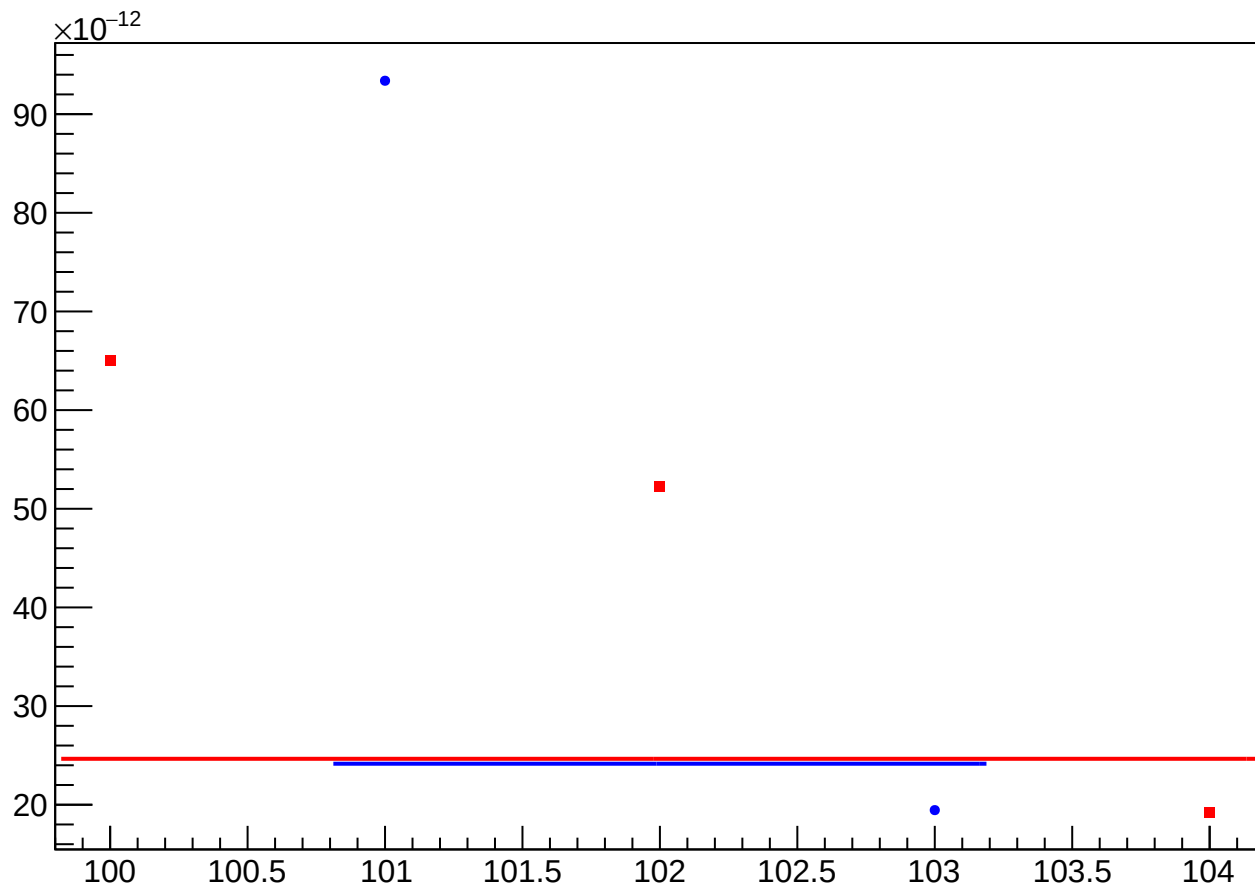
Right: 0.000+/-0.000 χ^2/NDF : 3.9/4

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 : 3.9/4

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 : 233183.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

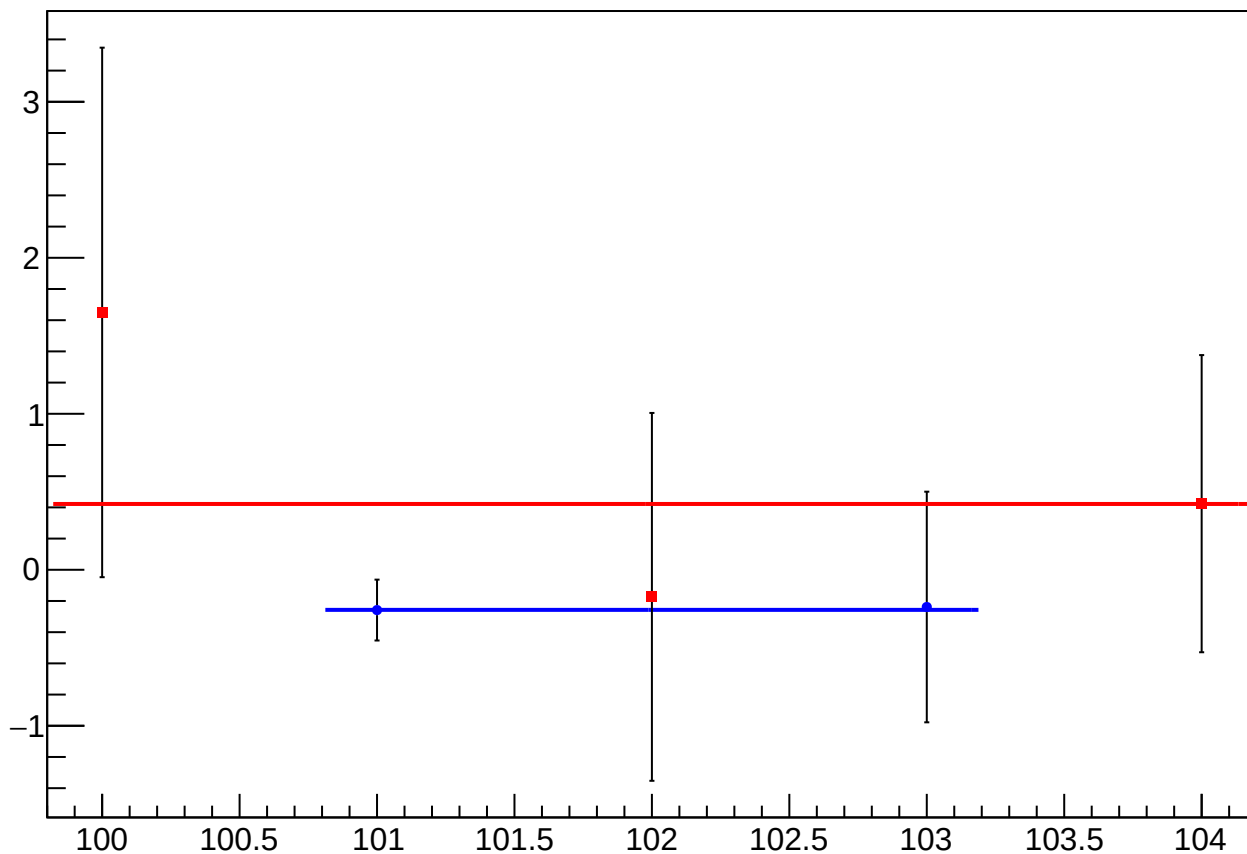
Right: 0.000+/-0.000 χ^2/NDF : 666362.9/4

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 : 666362.9/4

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 ± 0.189 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 0.422 ± 0.679 $\chi^2/\text{NDF}: 0.8/2$

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

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

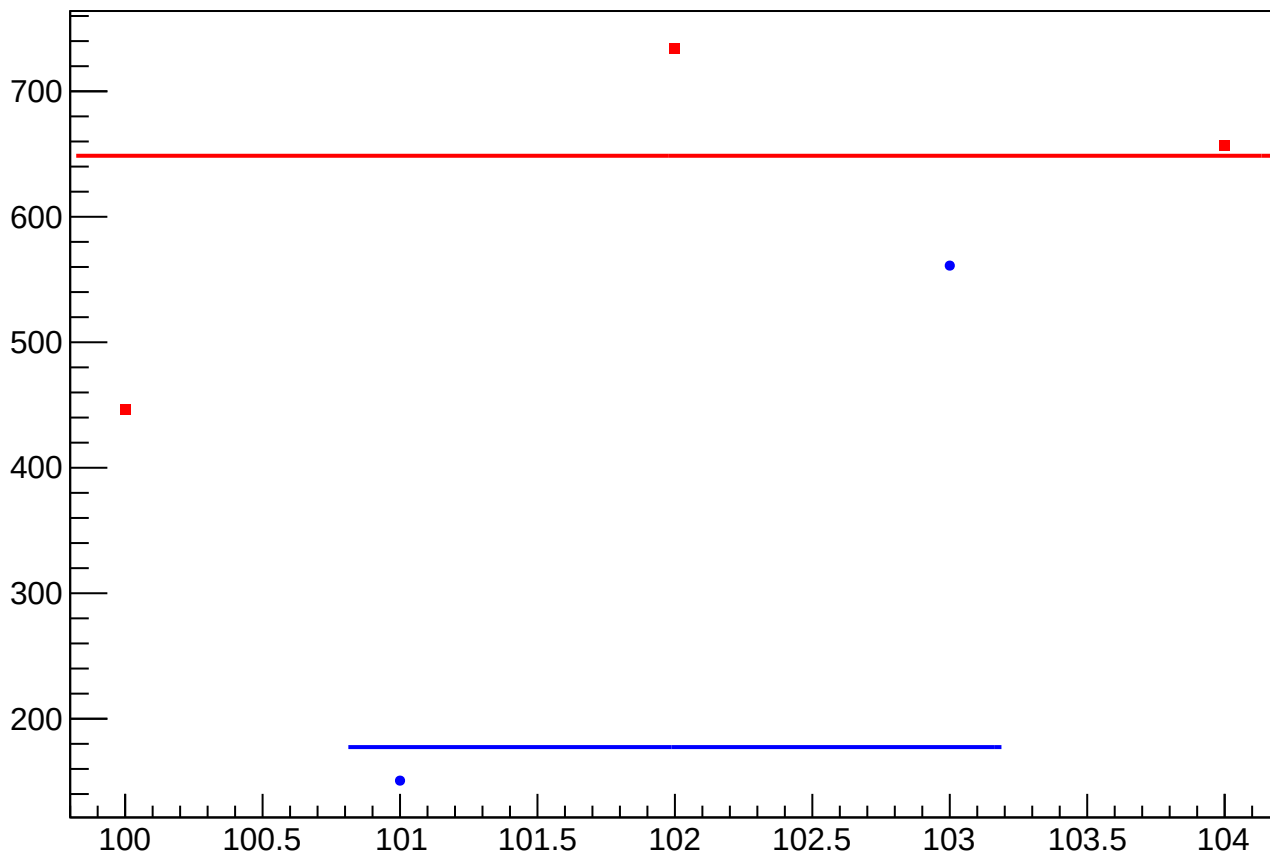
Right: -0.208 ± 0.182 $\chi^2/\text{NDF}: 1.7/4$

In: -0.257 ± 0.189 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.208 ± 0.182 $\chi^2/\text{NDF}: 1.7/4$

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410+/-0.133 χ^2/NDF : 576273.5/1

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

Right Out: 648.625+/-0.480 χ^2/NDF : 39070.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

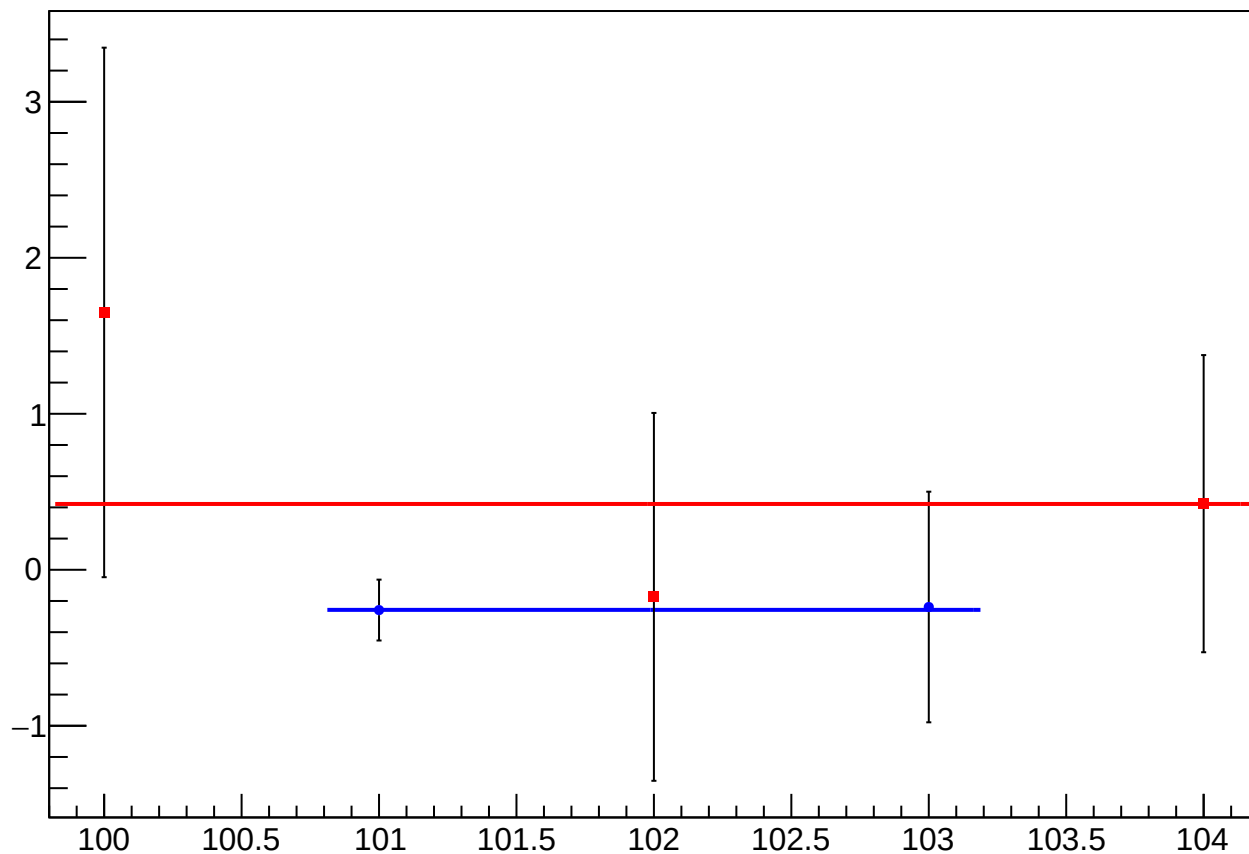
Right: 211.168+/-0.129 χ^2/NDF : 1509411.3/4

In: 177.410+/-0.133 χ^2/NDF :576273.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 211.168+/-0.129 χ^2/NDF : 1509411.3/4

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: 0.422 $\pm$ 0.679 χ^2/NDF : 0.8/2

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

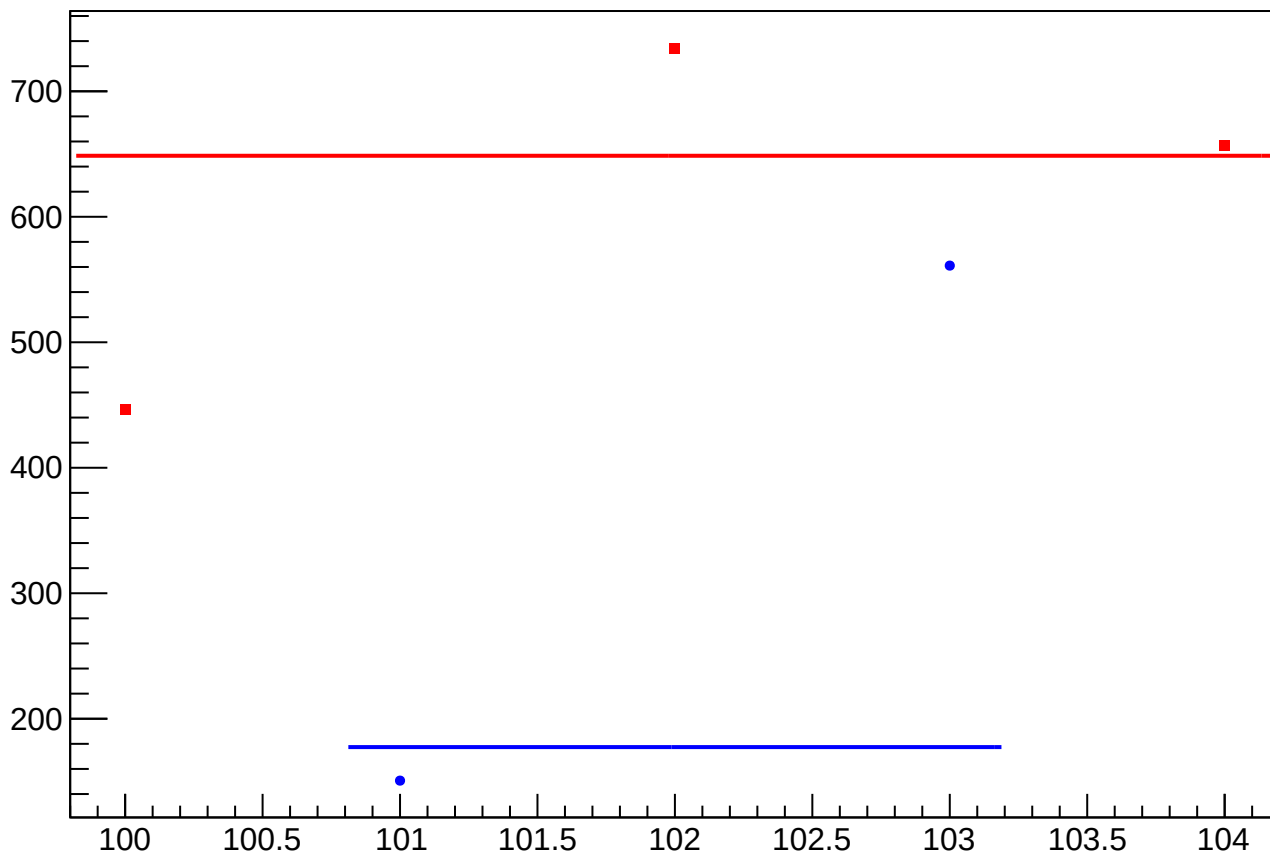
Right: -0.208 $\pm$ 0.182 χ^2/NDF : 1.7/4

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: -0.208 $\pm$ 0.182 χ^2/NDF : 1.7/4

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 177.410+/-0.133 χ^2/NDF : 576273.5/1

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

Right Out: 648.625+/-0.480 χ^2/NDF : 39070.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

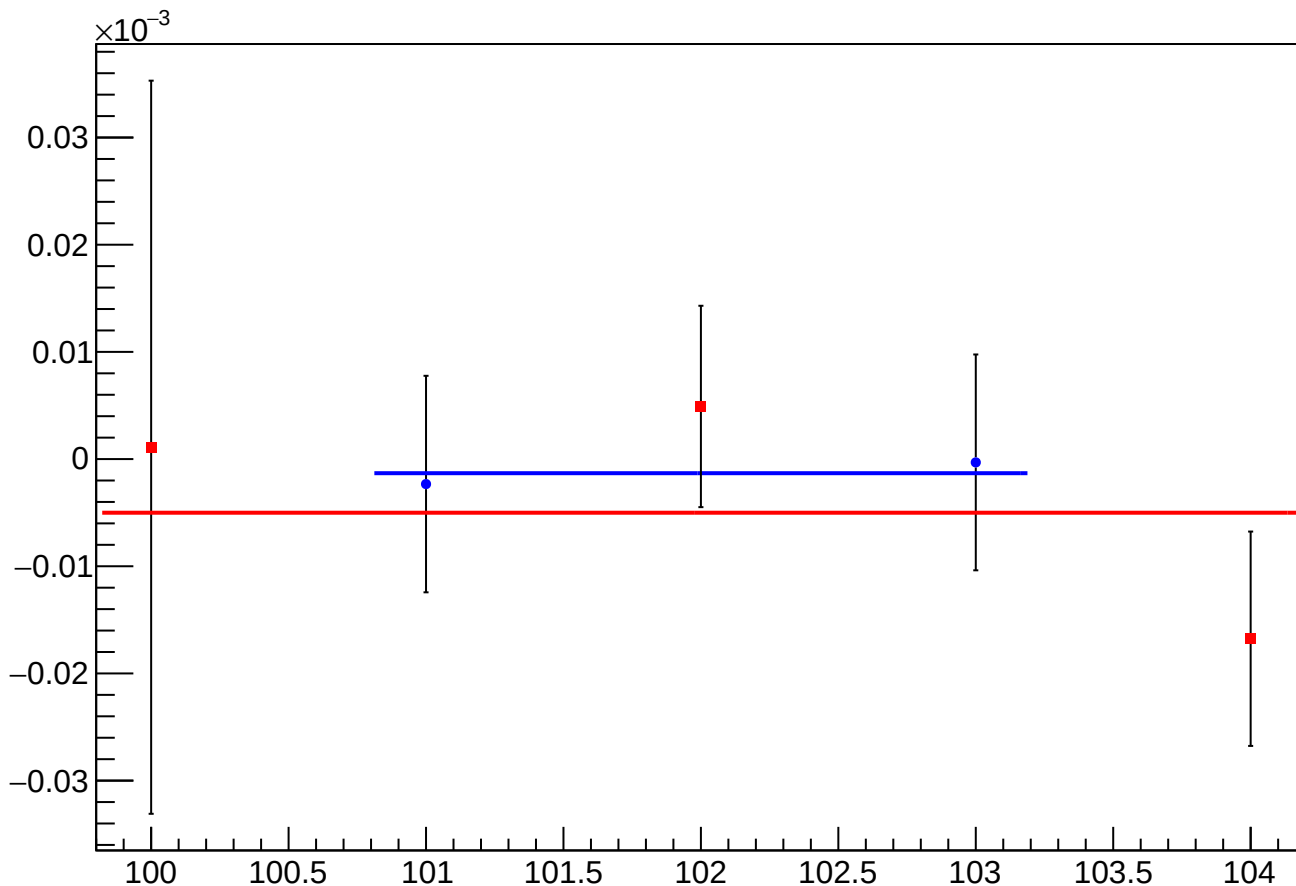
Right: 211.168+/-0.129 χ^2/NDF : 1509411.3/4

In: 177.410+/-0.133 χ^2/NDF : 576273.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.168+/-0.129 χ^2/NDF : 1509411.3/4

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

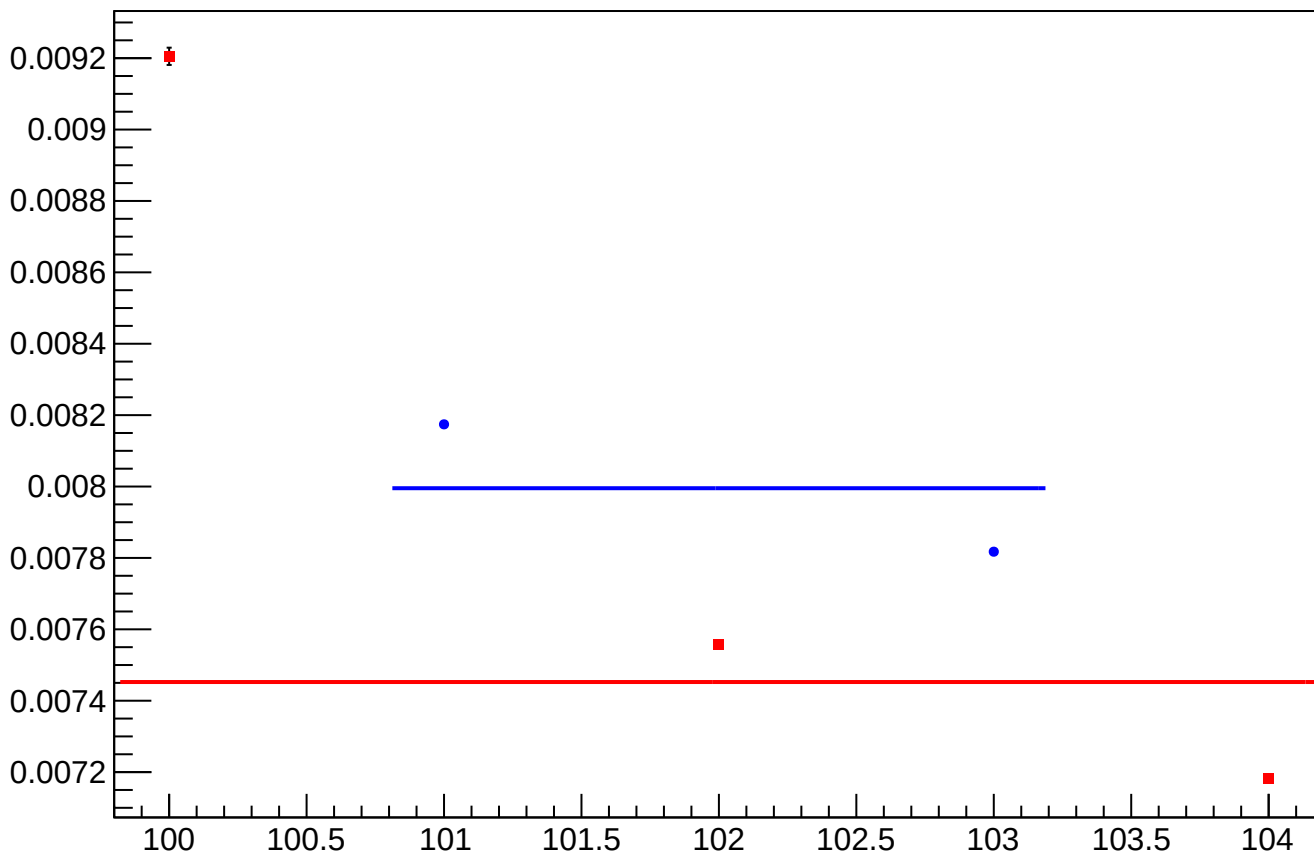
Right: -0.000+/-0.000 χ^2/NDF : 2.7/4

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 : 2.7/4

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: 0.007+/-0.000 χ^2/NDF : 6960.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

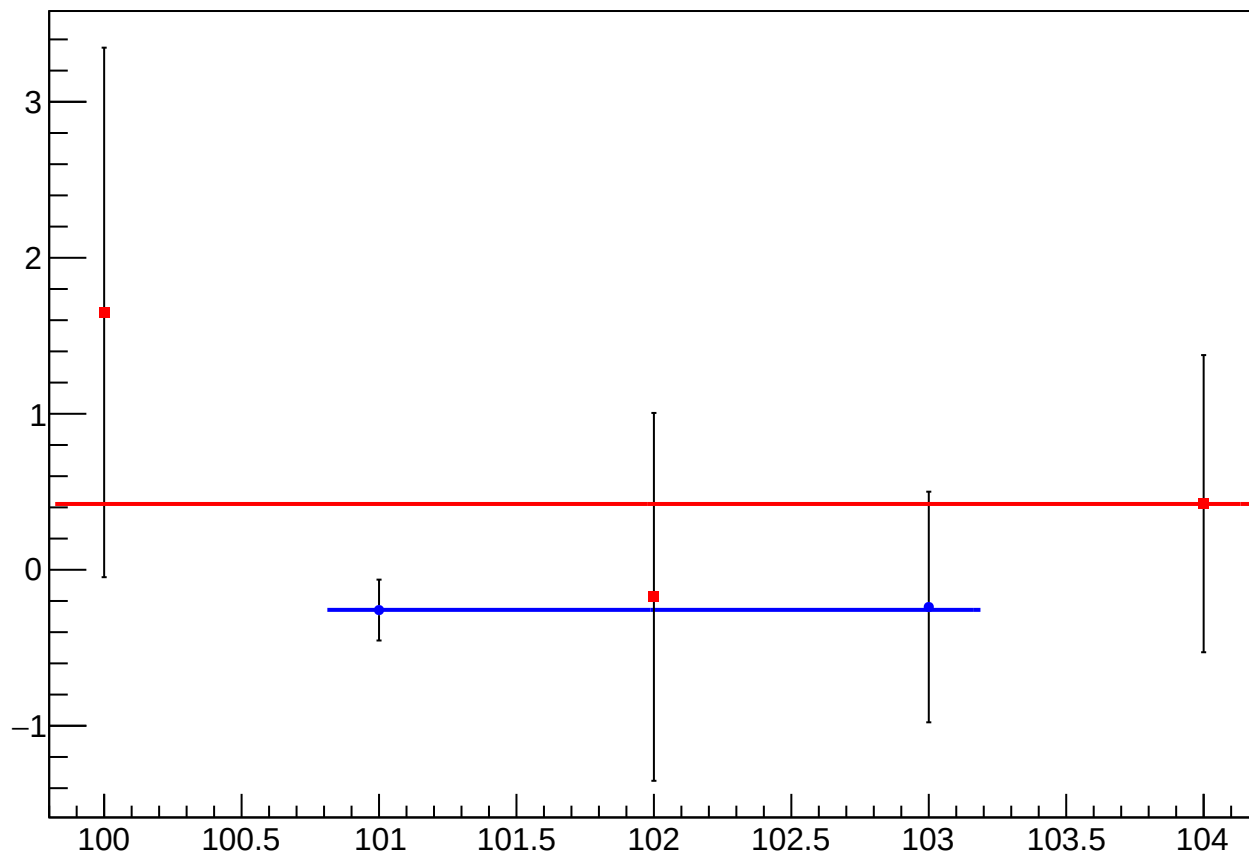
Right: 0.008+/-0.000 χ^2/NDF : 14357.7/4

In: 0.008+/-0.000 χ^2/NDF : 1251.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 14357.7/4

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.257 ± 0.189 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 0.422 ± 0.679 $\chi^2/\text{NDF}: 0.8/2$

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

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

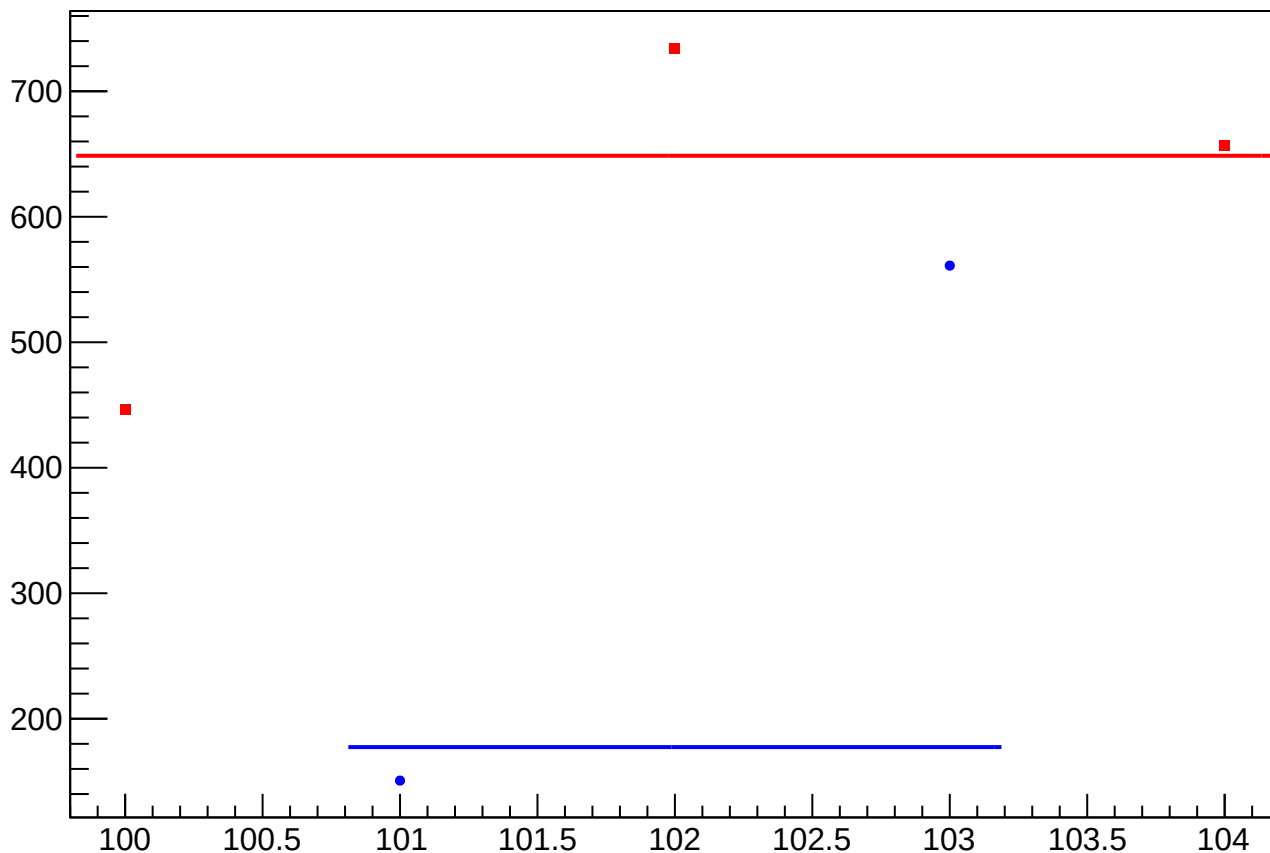
Right: -0.208 ± 0.182 $\chi^2/\text{NDF}: 1.7/4$

In: -0.257 ± 0.189 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.208 ± 0.182 $\chi^2/\text{NDF}: 1.7/4$

asym_atl_avg_eigen_dit_vs_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: 648.617+/-0.480 χ^2/NDF : 39069.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

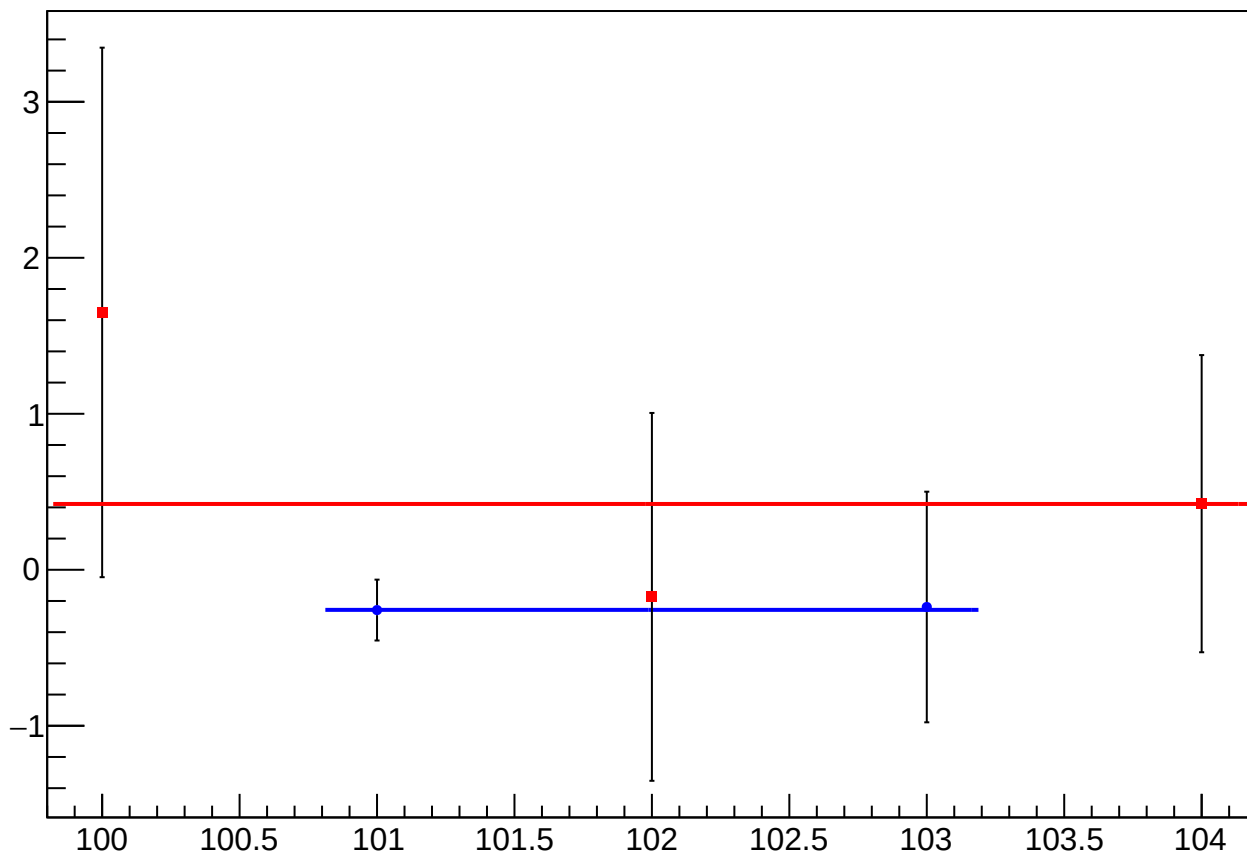
Right: 211.162+/-0.129 χ^2/NDF : 1509421.6/4

In: 177.405+/-0.133 χ^2/NDF : 576278.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.162+/-0.129 χ^2/NDF : 1509421.6/4

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: 0.422 $\pm$ 0.679 χ^2 /NDF: 0.8/2

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

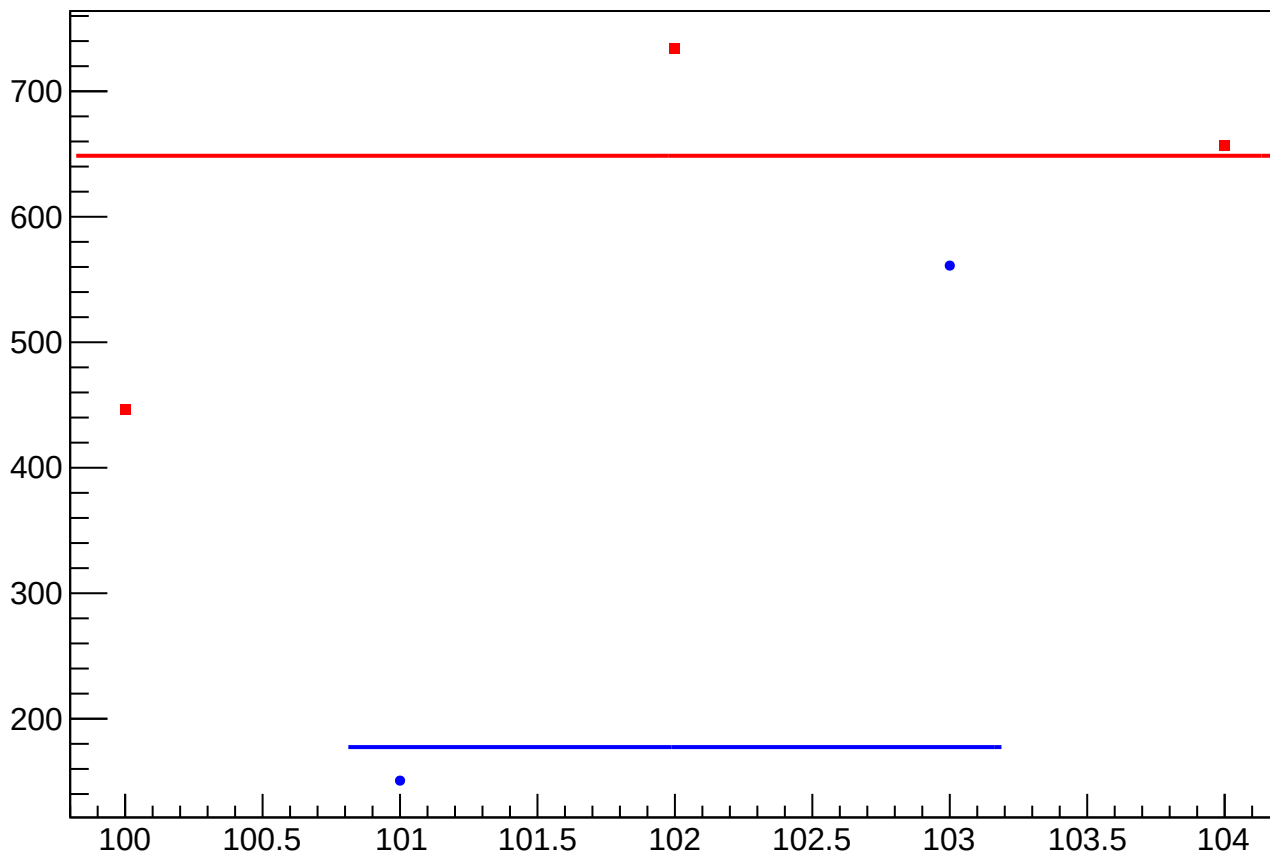
Right: -0.208 $\pm$ 0.182 χ^2 /NDF: 1.7/4

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: -0.208 $\pm$ 0.182 χ^2 /NDF: 1.7/4

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: 648.617+/-0.480 χ^2/NDF : 39069.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

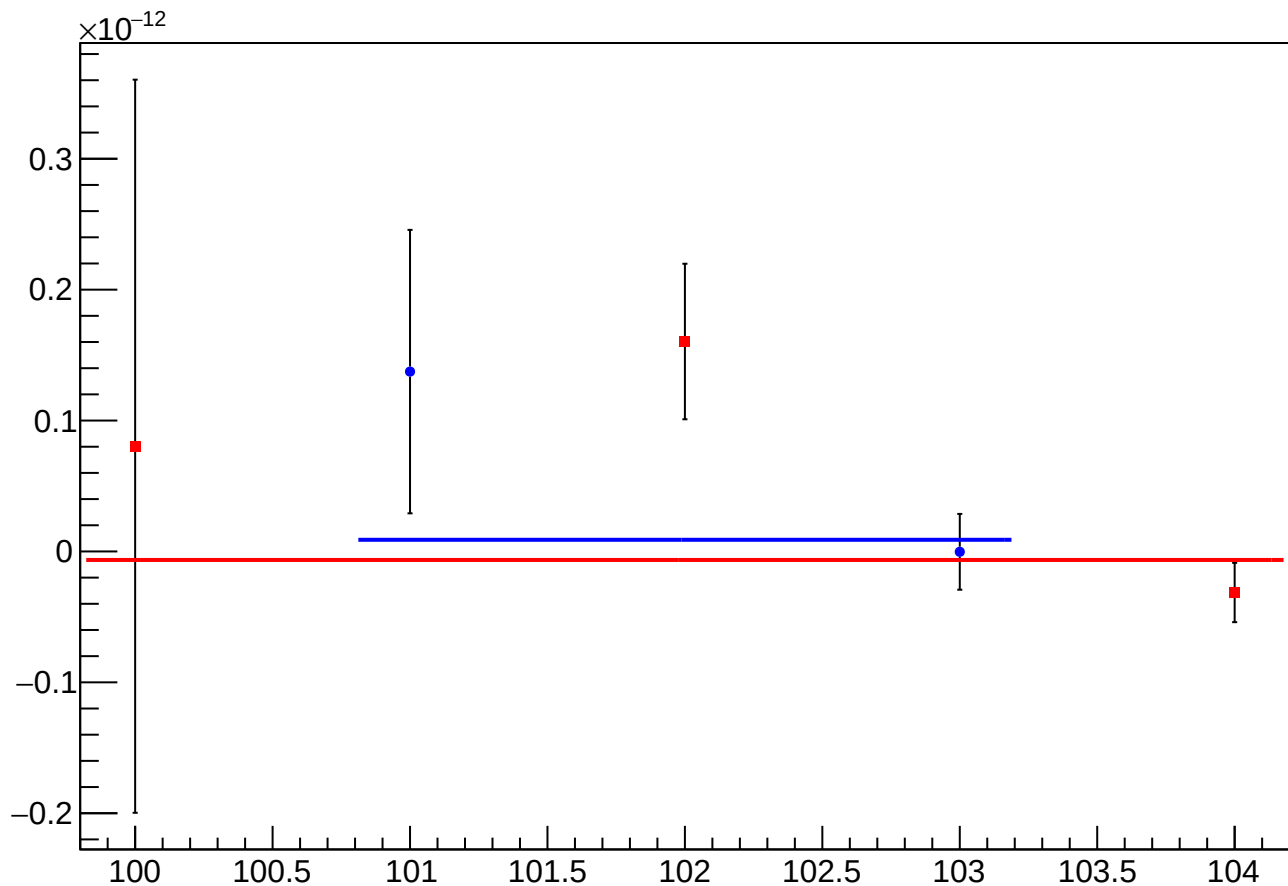
Right: 211.162+/-0.129 χ^2/NDF : 1509421.6/4

In: 177.405+/-0.133 χ^2/NDF : 576278.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.162+/-0.129 χ^2/NDF : 1509421.6/4

asym_atl_avg_eigen_cor_vs_cor_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: 9.2/2

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

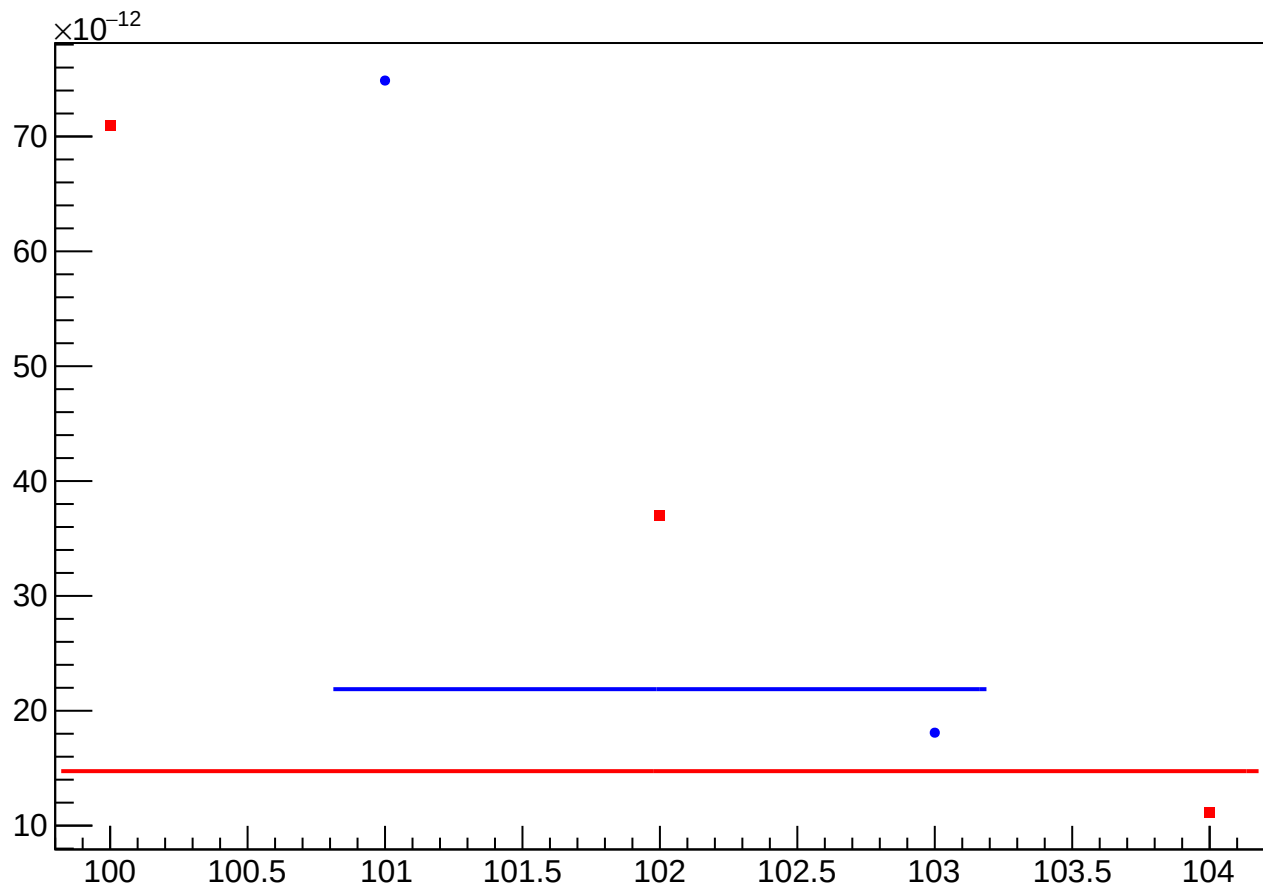
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/4

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: 10.9/4

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 : 412388.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

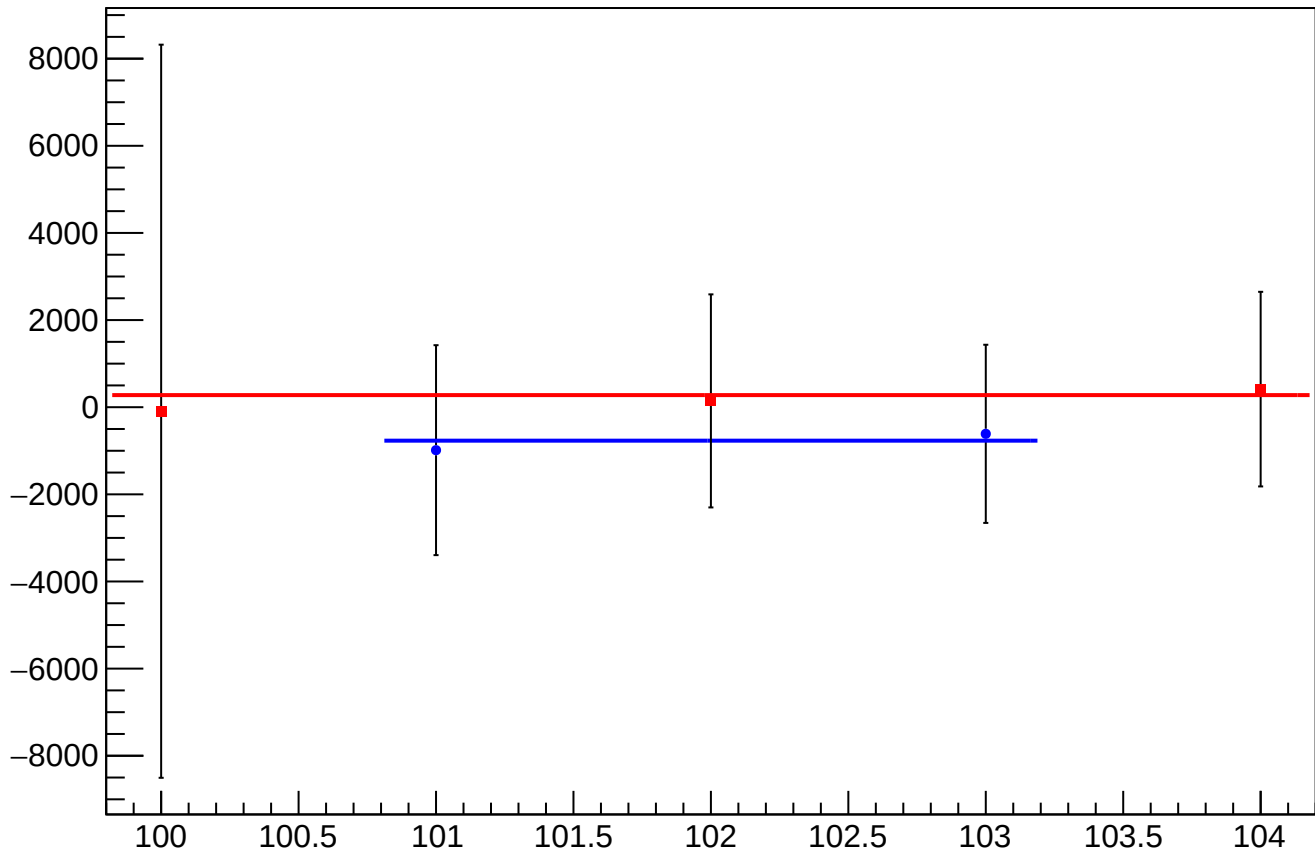
Right: 0.000+/-0.000 χ^2/NDF : 1008625.8/4

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 : 1008625.8/4

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: 277.802+/-1618.277 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

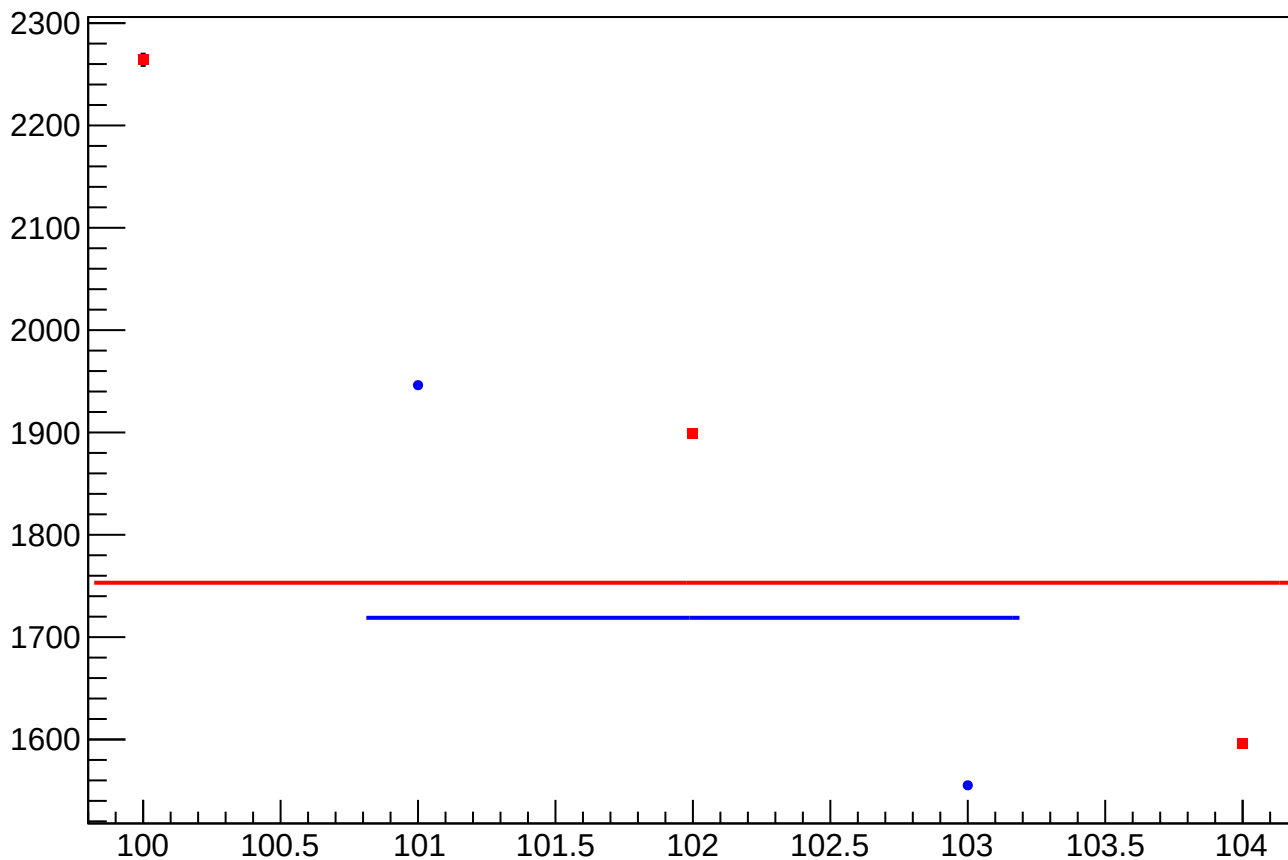
Right: -264.650+/-1122.728 χ^2/NDF : 0.2/4

In: -768.051+/-1558.938 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.650+/-1122.728 χ^2/NDF : 0.2/4

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: 1753.162+/-1.144 χ^2/NDF : 24369.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

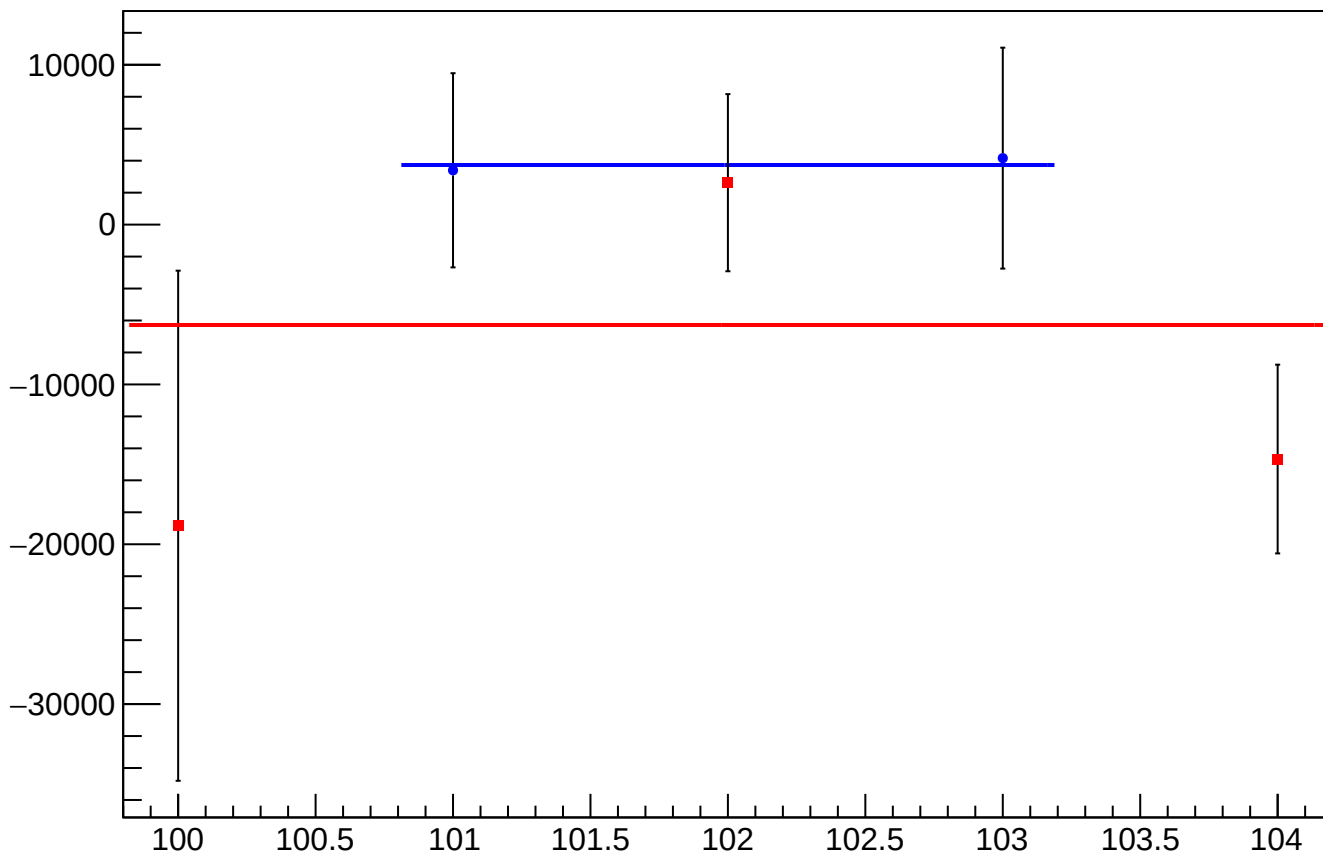
Right: 1735.391+/-0.794 χ^2/NDF : 55456.5/4

In: 1718.899+/-1.102 χ^2/NDF : 30622.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.391+/-0.794 χ^2/NDF : 55456.5/4

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: -6280.228+/-3917.076 χ^2 /NDF: 5.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

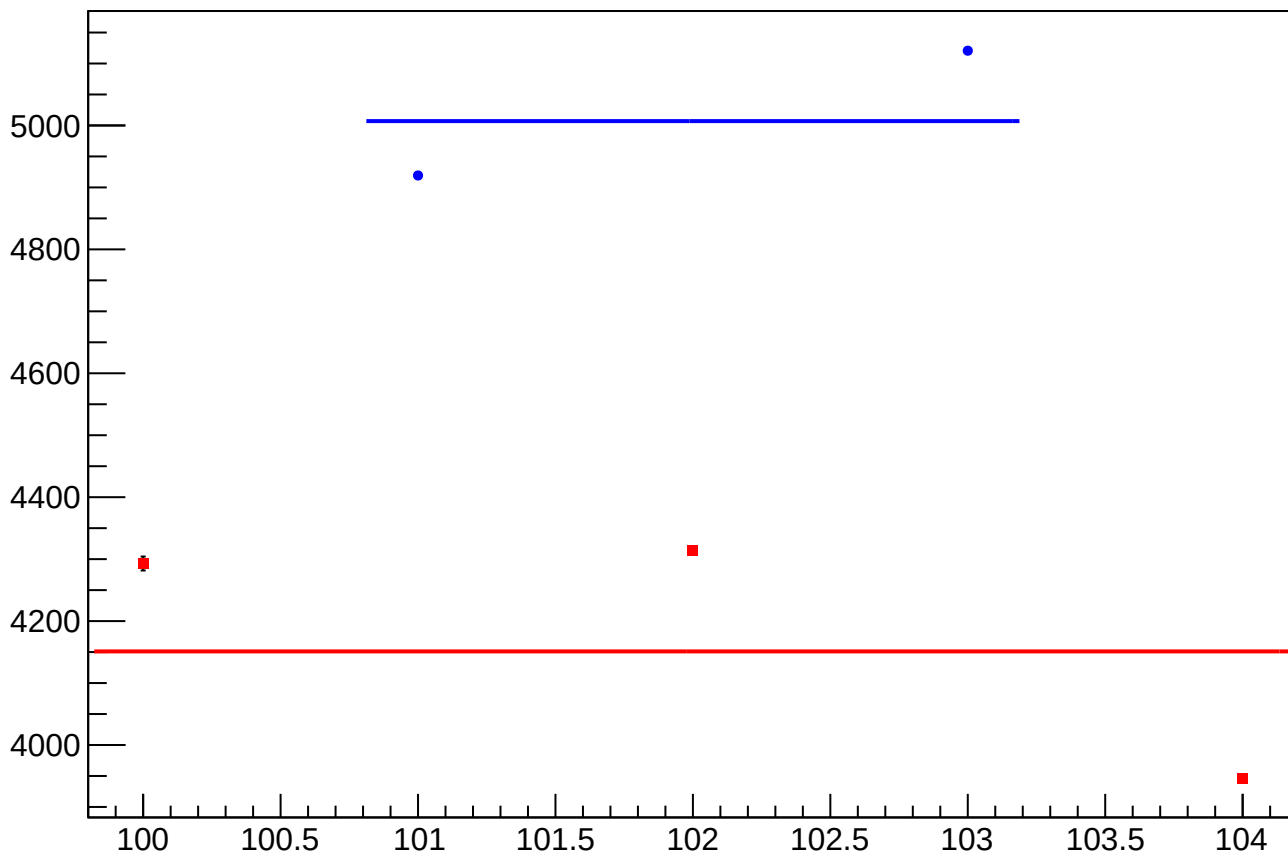
Right: -2033.019+/-2972.094 χ^2 /NDF: 8.0/4

In: 3729.846+/-4562.779 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2033.019+/-2972.094 χ^2 /NDF: 8.0/4

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: 4151.062+/-2.770 χ^2/NDF : 4295.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

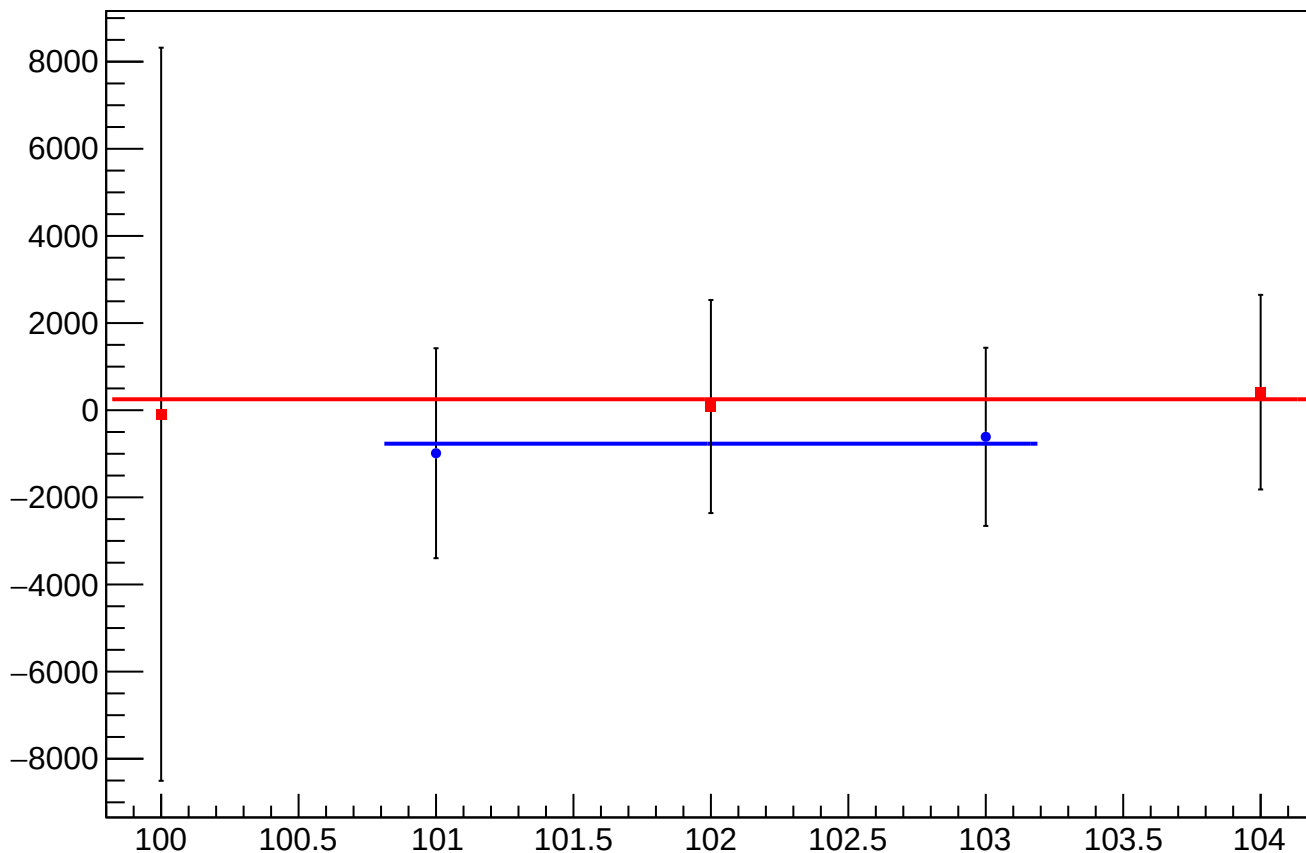
Right: 4514.248+/-2.102 χ^2/NDF : 45776.3/4

In: 5007.040+/-3.226 χ^2/NDF : 958.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4514.248+/-2.102 χ^2/NDF : 45776.3/4

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: 251.067+/-1618.379 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

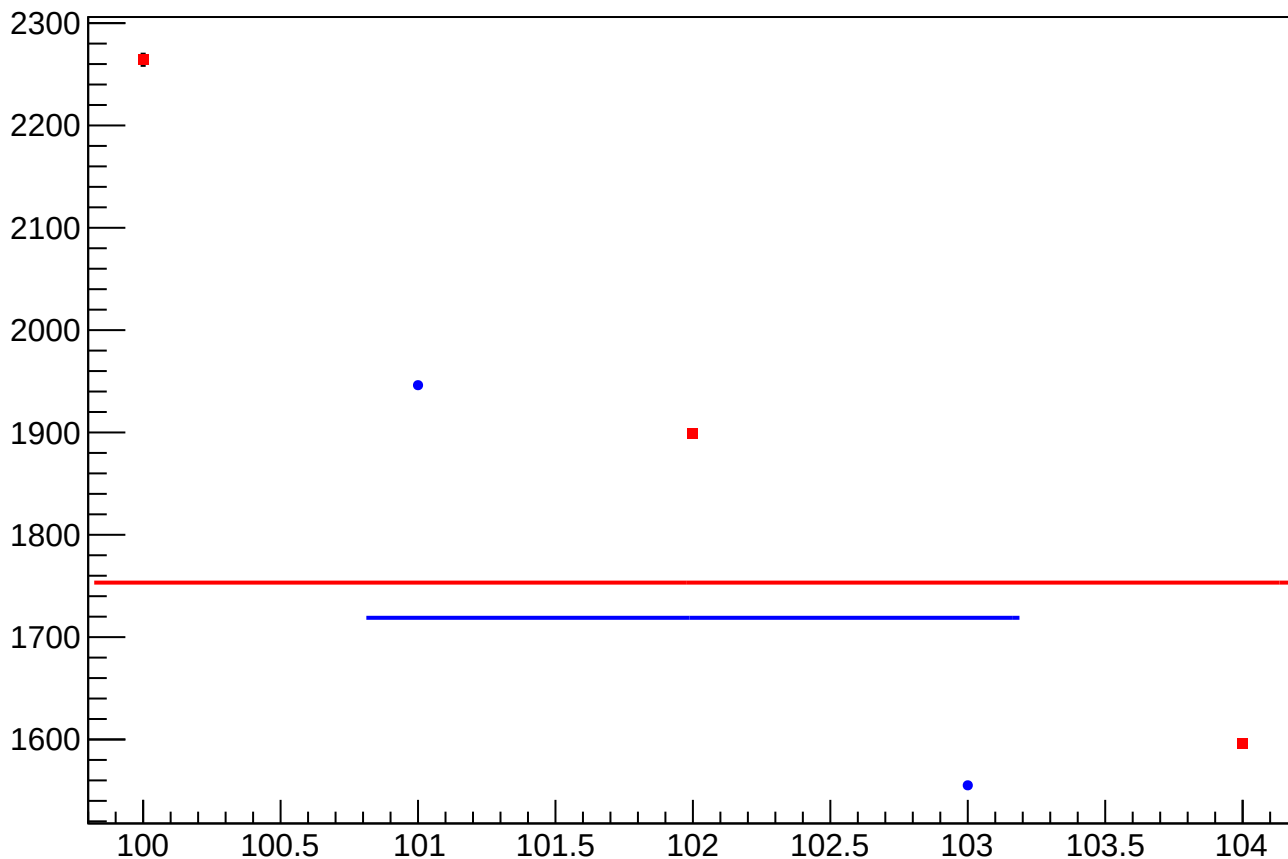
Right: -277.881+/-1122.762 χ^2/NDF : 0.2/4

In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.881+/-1122.762 χ^2/NDF : 0.2/4

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: 1753.279+/-1.144 χ^2/NDF : 24397.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

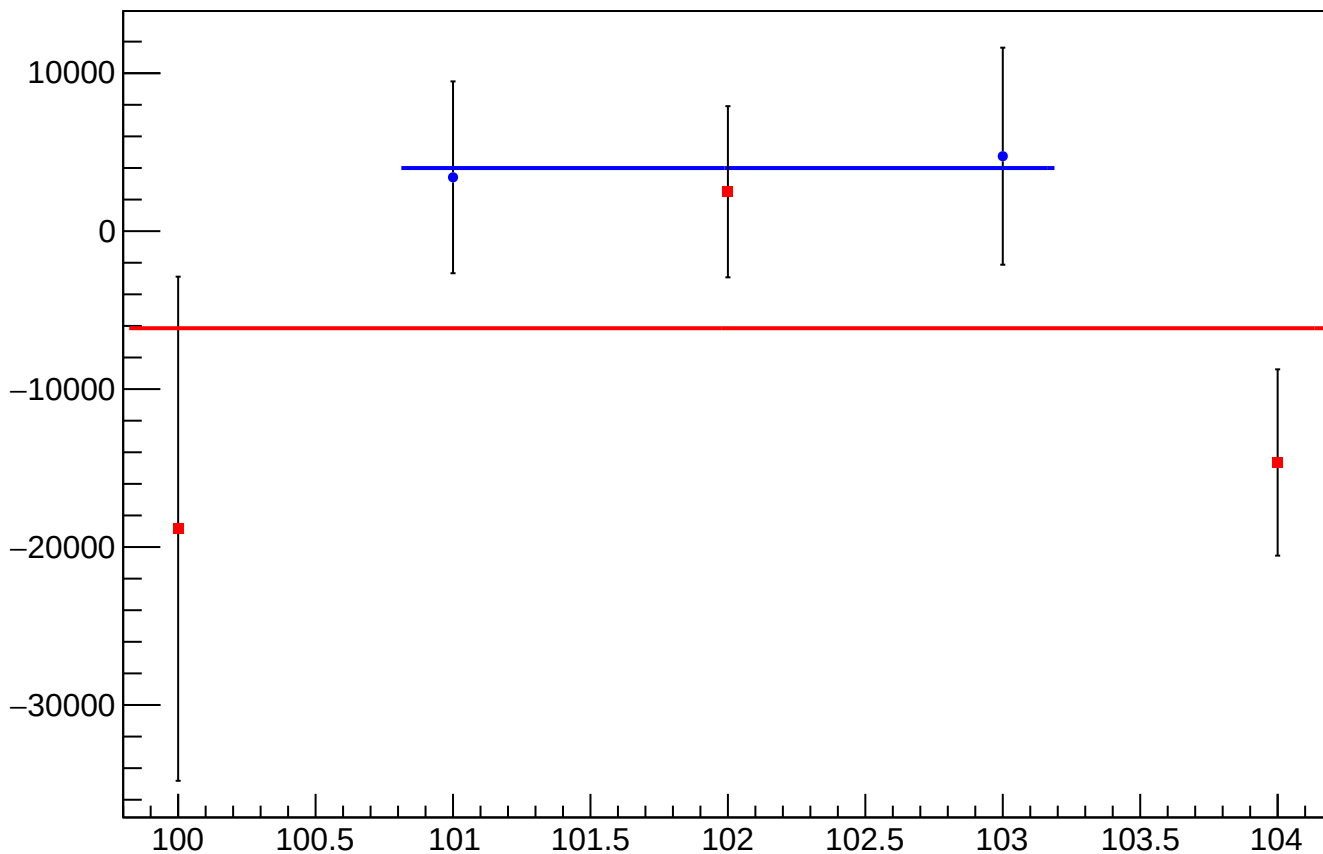
Right: 1735.446+/-0.794 χ^2/NDF : 55487.9/4

In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.446+/-0.794 χ^2/NDF : 55487.9/4

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: -6145.442+/-3871.186 χ^2/NDF : 5.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

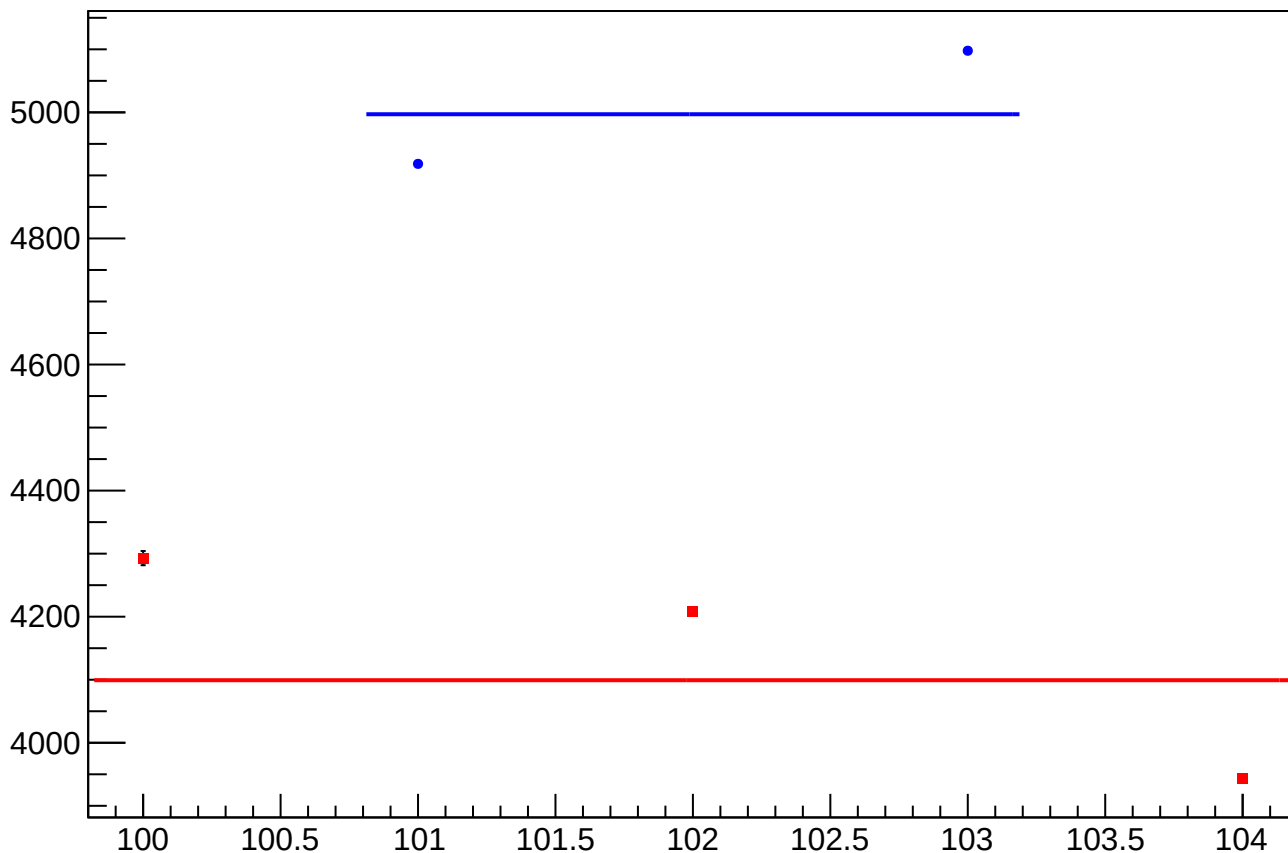
Right: -1887.653+/-2948.550 χ^2/NDF : 8.2/4

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1887.653+/-2948.550 χ^2/NDF : 8.2/4

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: 4099.230+/-2.737 χ^2/NDF : 2489.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

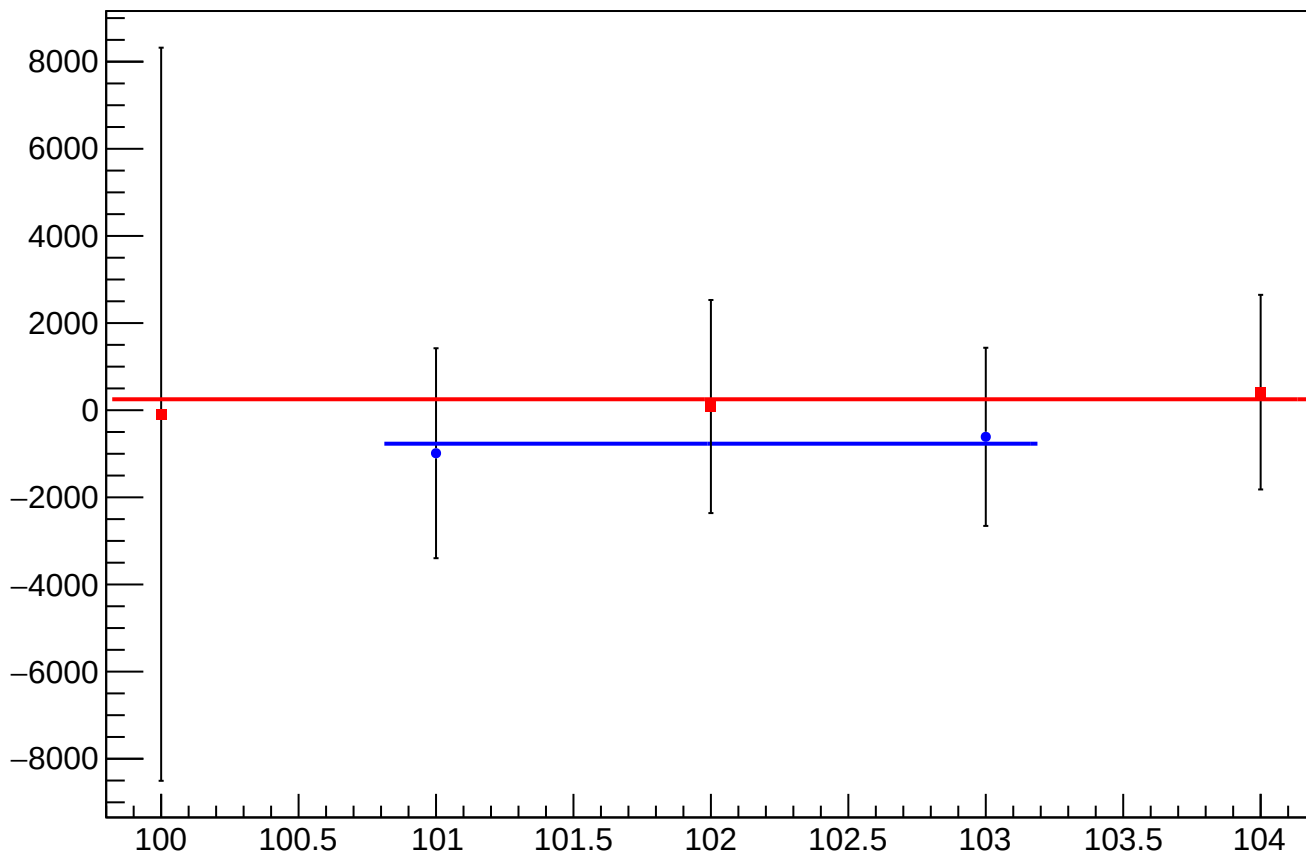
Right: 4476.184+/-2.085 χ^2/NDF : 48421.1/4

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4476.184+/-2.085 χ^2/NDF : 48421.1/4

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: 251.067+/-1618.379 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

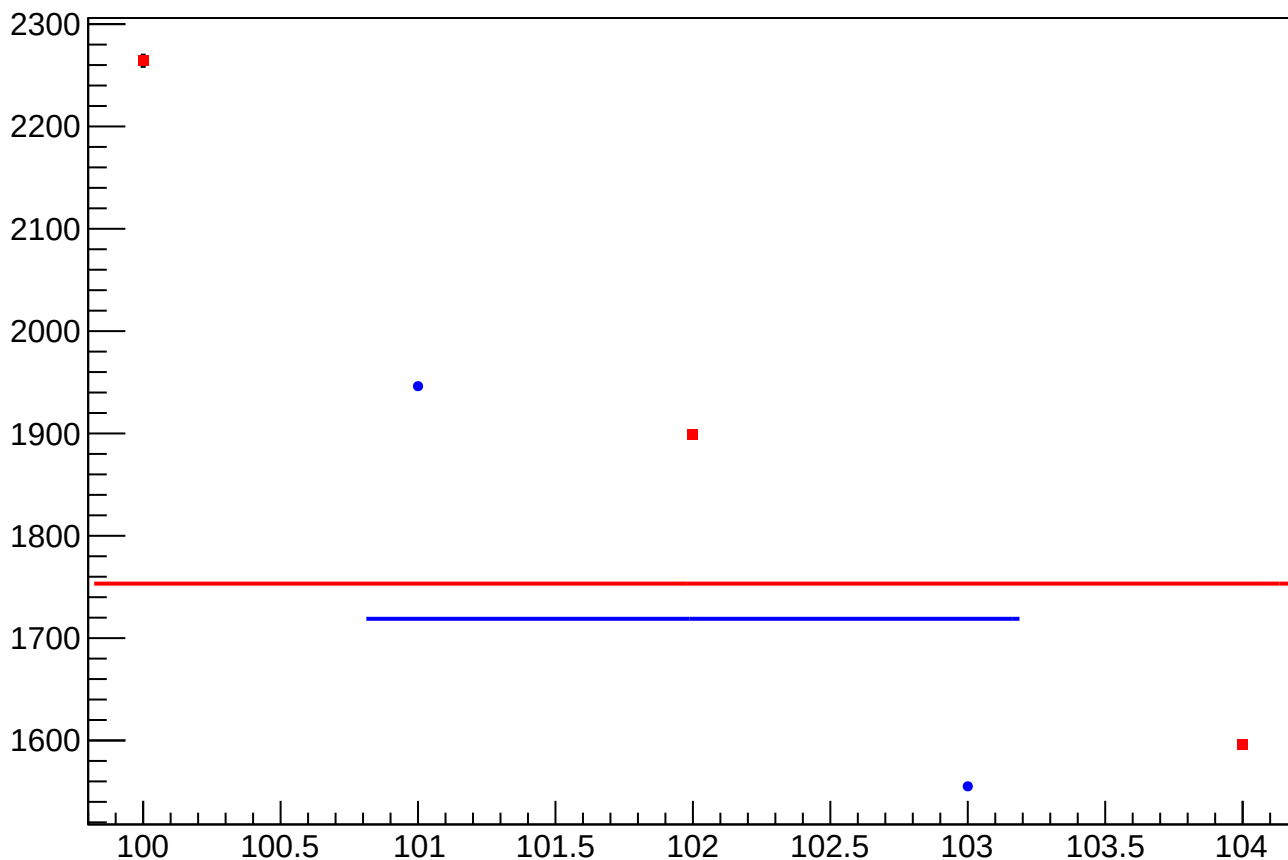
Right: -277.881+/-1122.762 χ^2/NDF : 0.2/4

In: -768.688+/-1558.939 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.881+/-1122.762 χ^2/NDF : 0.2/4

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: 1753.279+/-1.144 χ^2/NDF : 24397.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

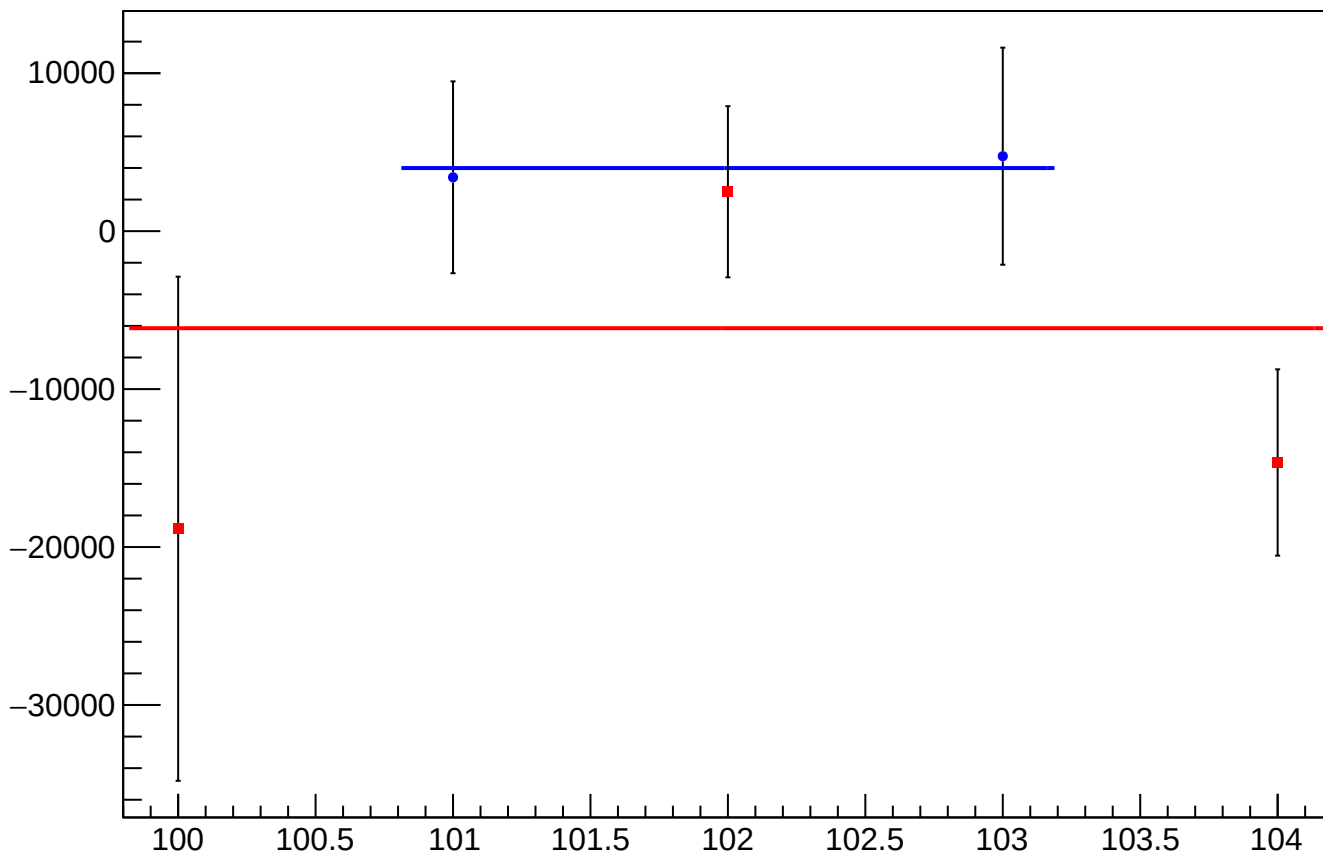
Right: 1735.446+/-0.794 χ^2/NDF : 55487.9/4

In: 1718.898+/-1.102 χ^2/NDF : 30622.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.446+/-0.794 χ^2/NDF : 55487.9/4

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: -6145.442+/-3871.186 χ^2/NDF : 5.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

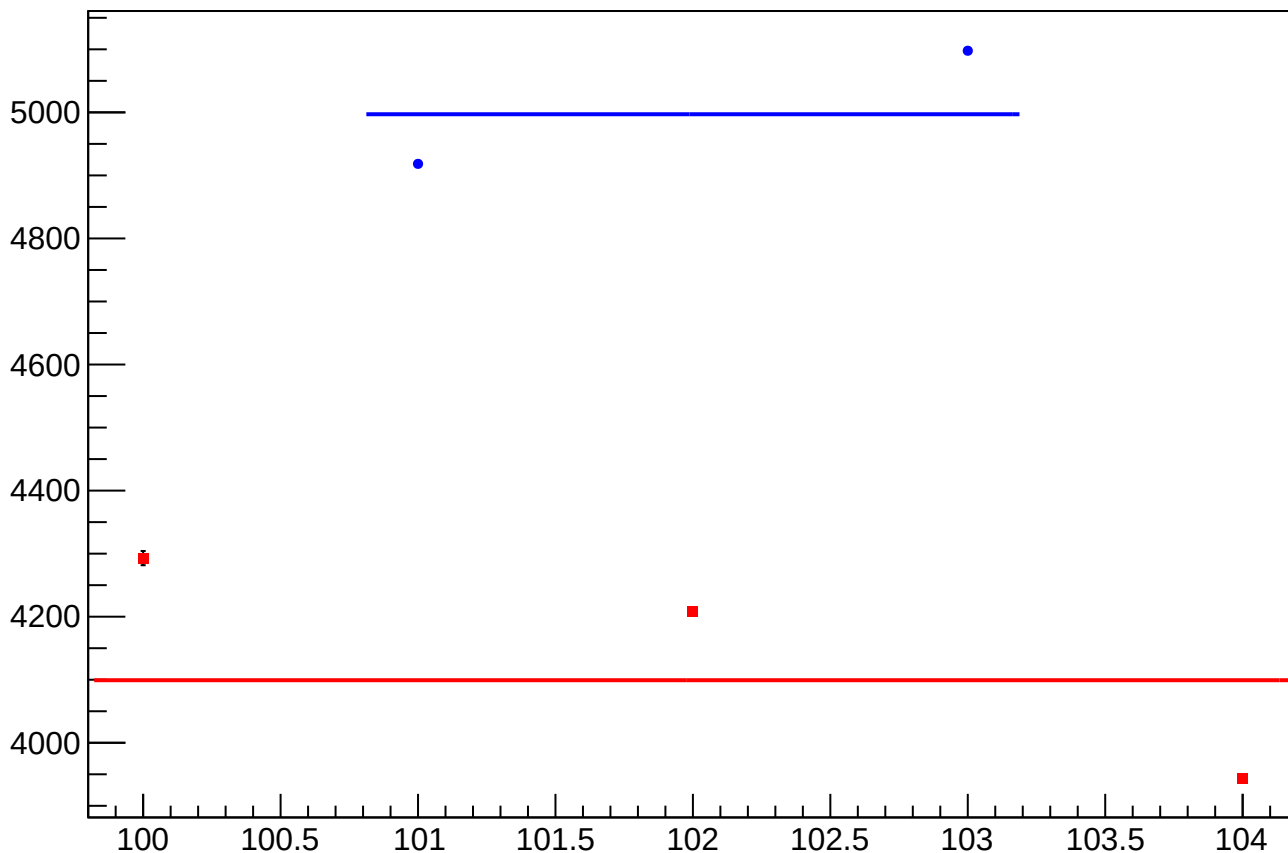
Right: -1887.653+/-2948.550 χ^2/NDF : 8.2/4

In: 3995.403+/-4550.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1887.653+/-2948.550 χ^2/NDF : 8.2/4

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: 4099.230+/-2.737 χ^2/NDF : 2489.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

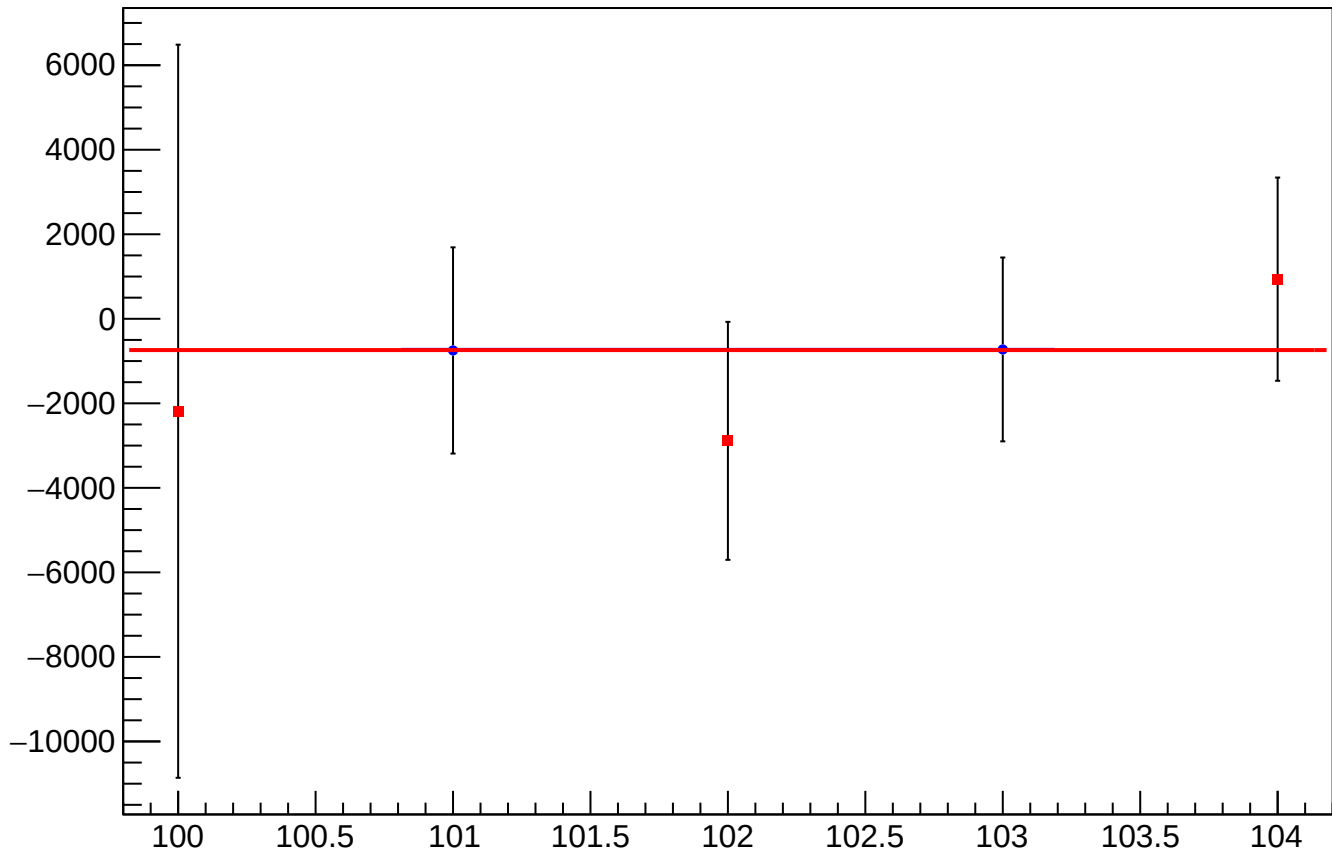
Right: 4476.184+/-2.085 χ^2/NDF : 48421.1/4

In: 4997.029+/-3.218 χ^2/NDF : 765.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4476.184+/-2.085 χ^2/NDF : 48421.1/4

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: -740.099+/-1789.049 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

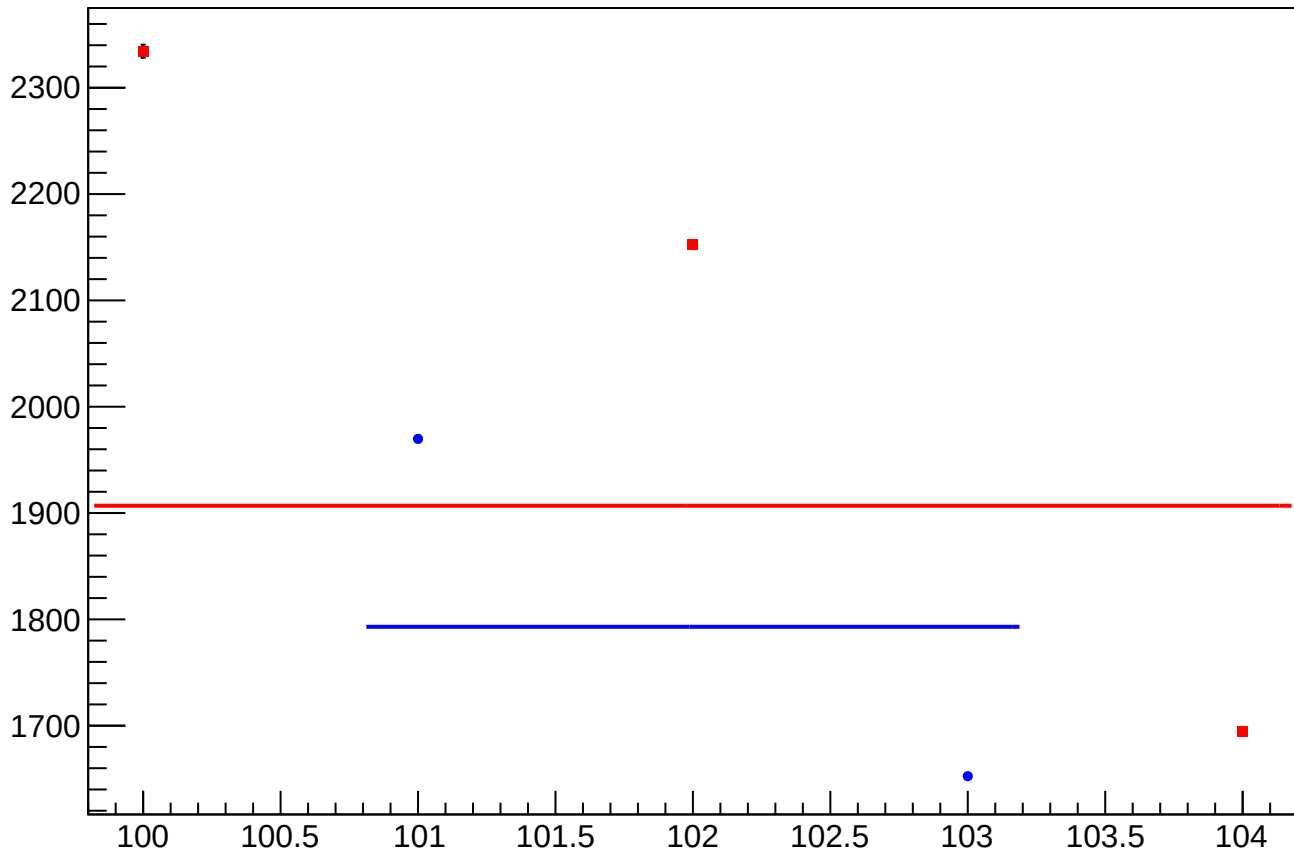
Right: -737.647+/-1202.350 χ^2/NDF : 1.1/4

In: -735.628+/-1623.711 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -737.647+/-1202.350 χ^2/NDF : 1.1/4

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: 1906.882+/-1.265 χ^2/NDF : 35598.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

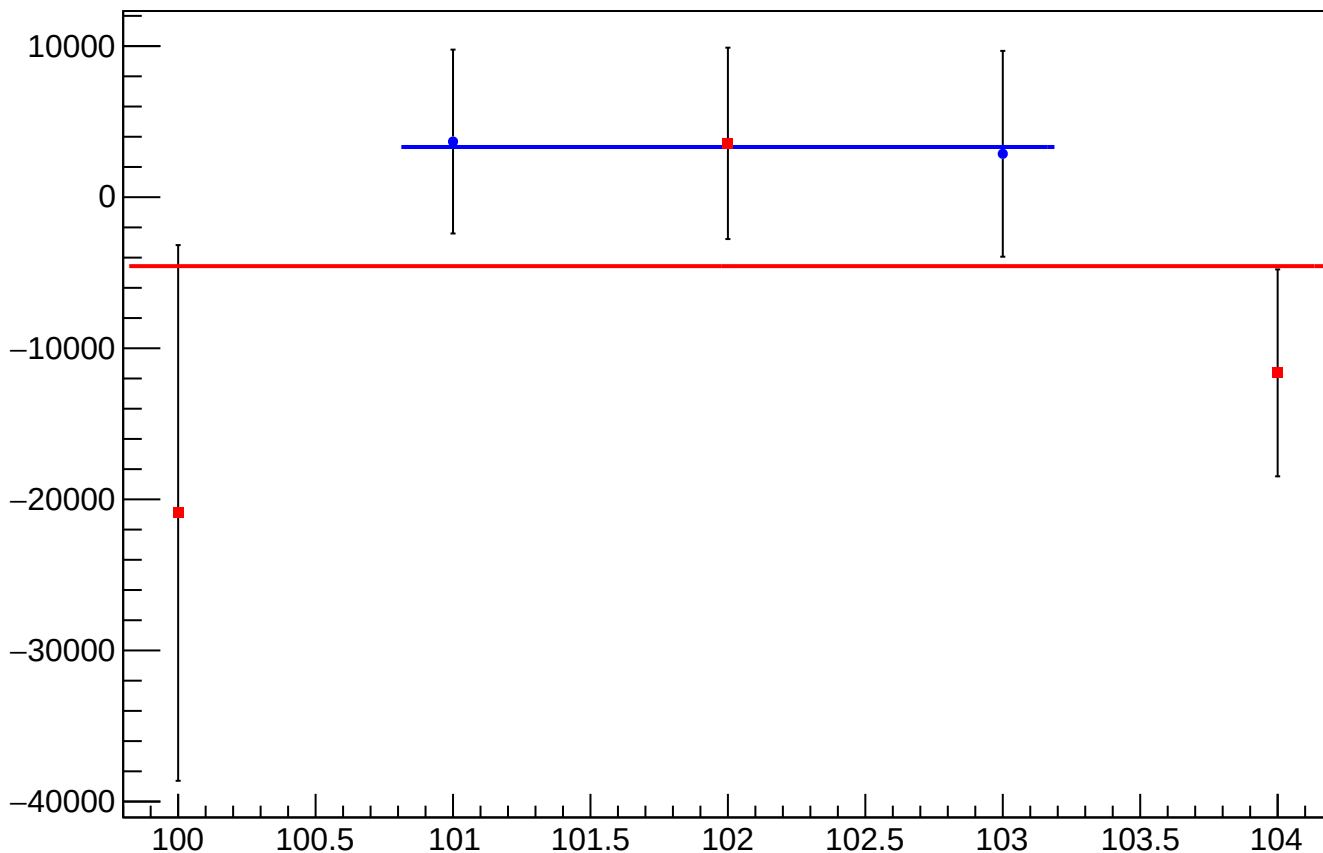
Right: 1844.438+/-0.850 χ^2/NDF : 58876.8/4

In: 1793.003+/-1.148 χ^2/NDF : 18834.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.438+/-0.850 χ^2/NDF : 58876.8/4

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3322.357+/-4537.519 χ^2 /NDF: 0.0/1

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

Right Out: -4563.969+/-4498.065 χ^2 /NDF: 3.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

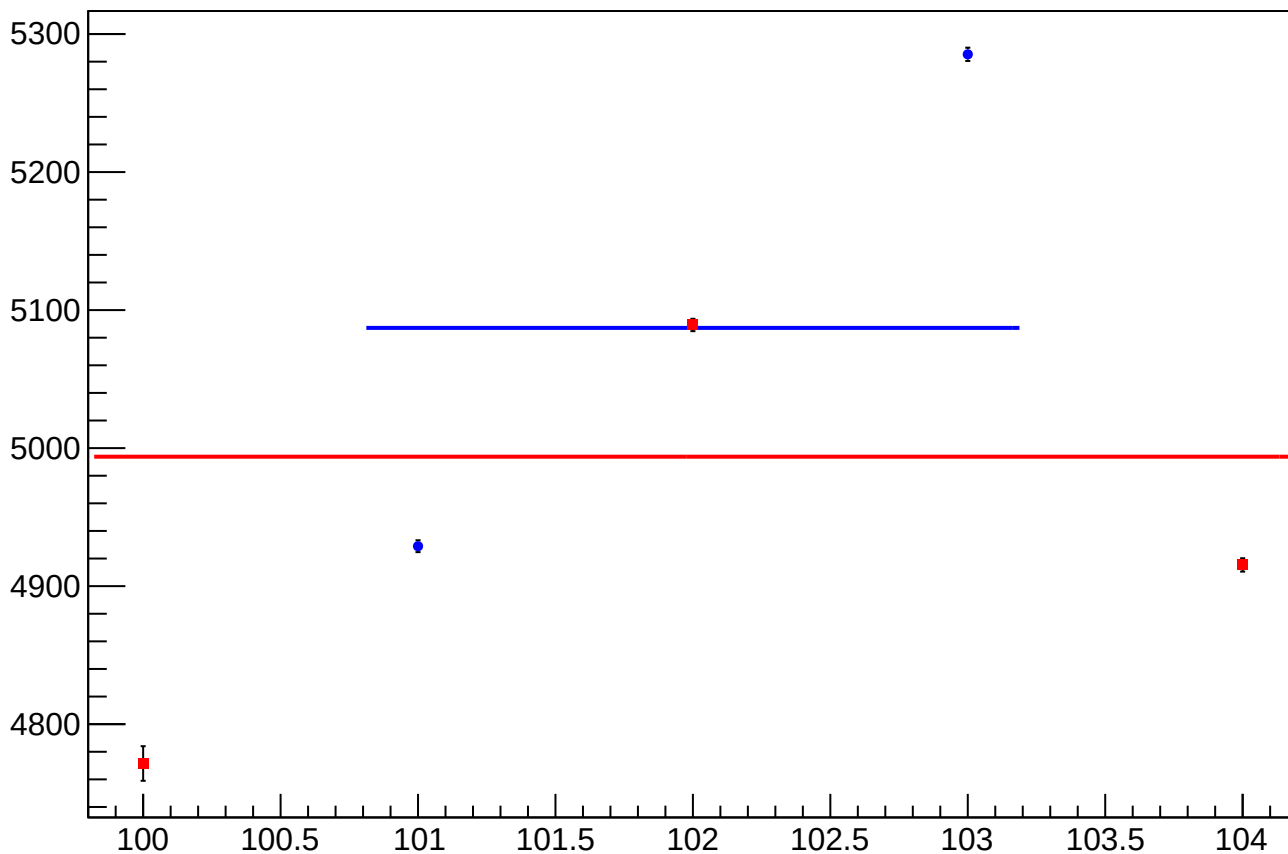
Right: -655.241+/-3194.470 χ^2 /NDF: 5.1/4

In: 3322.357+/-4537.519 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -655.241+/-3194.470 χ^2 /NDF: 5.1/4

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: 4993.786+/-3.181 χ^2/NDF : 1030.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

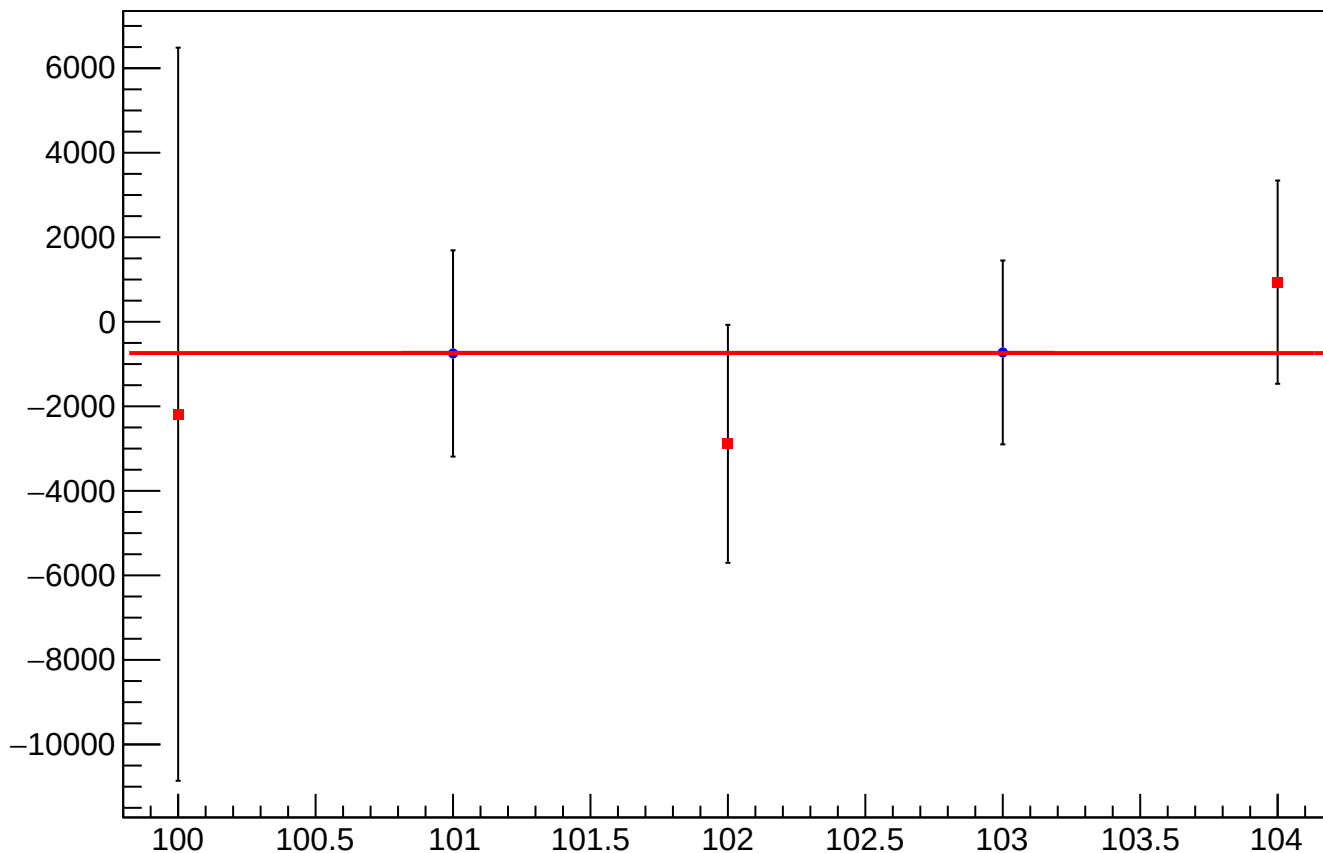
Right: 5040.039+/-2.259 χ^2/NDF : 4502.5/4

In: 5087.107+/-3.209 χ^2/NDF : 3045.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5040.039+/-2.259 χ^2/NDF : 4502.5/4

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -735.634 $\pm$ 1623.709 χ^2 /NDF: 0.0/1

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

Right Out: -740.109 $\pm$ 1789.047 χ^2 /NDF: 1.1/2

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

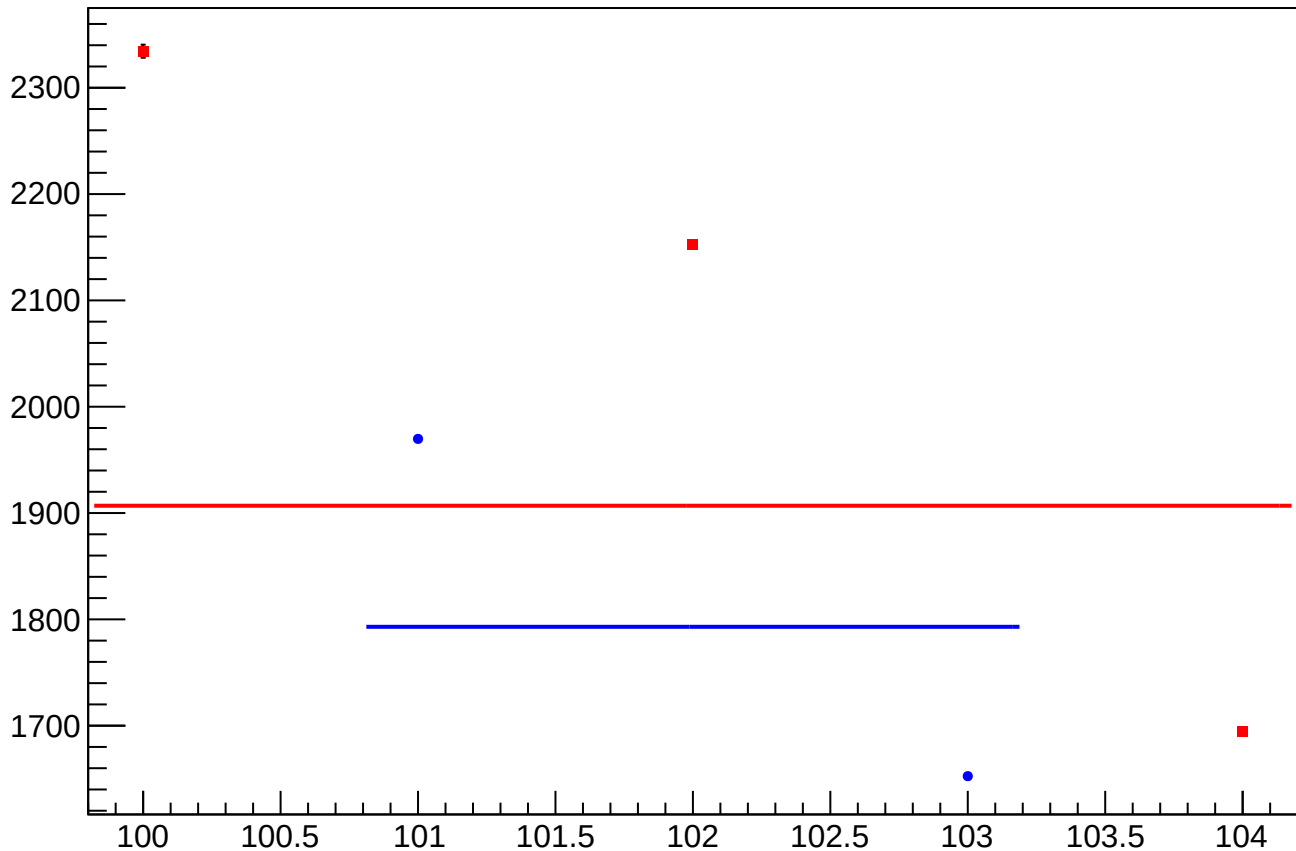
Right: -737.655 $\pm$ 1202.349 χ^2 /NDF: 1.1/4

In: -735.634 $\pm$ 1623.709 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -737.655 $\pm$ 1202.349 χ^2 /NDF: 1.1/4

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: 1906.879+/-1.265 χ^2/NDF : 35598.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

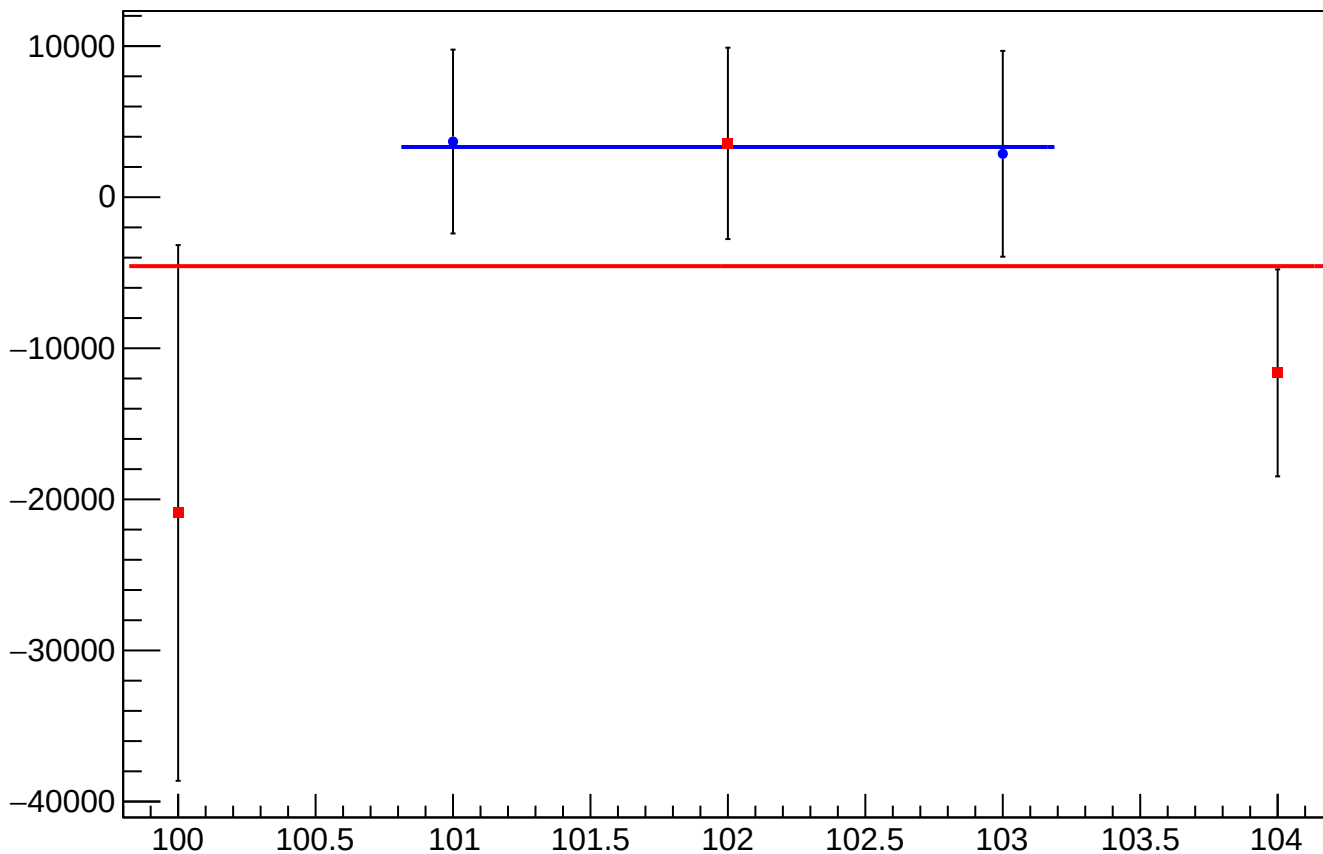
Right: 1844.436+/-0.850 χ^2/NDF : 58876.8/4

In: 1793.002+/-1.148 χ^2/NDF : 18834.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1844.436+/-0.850 χ^2/NDF : 58876.8/4

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: -4563.974+/-4498.069 χ^2 /NDF: 3.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

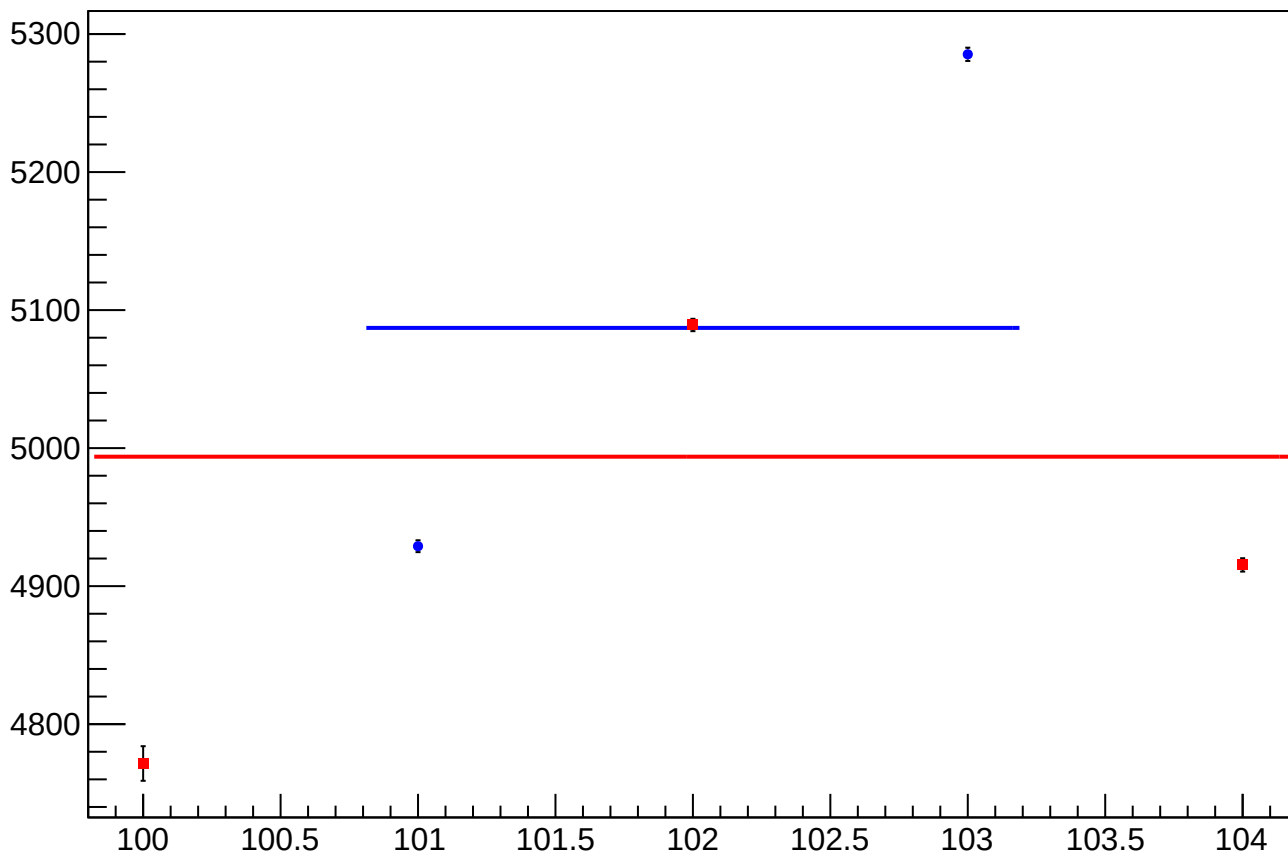
Right: -655.241+/-3194.471 χ^2 /NDF: 5.1/4

In: 3322.354+/-4537.518 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -655.241+/-3194.471 χ^2 /NDF: 5.1/4

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5087.106 $\pm$ 3.209 χ^2 /NDF: 3045.5/1

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

Right Out: 4993.791 $\pm$ 3.181 χ^2 /NDF: 1030.5/2

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

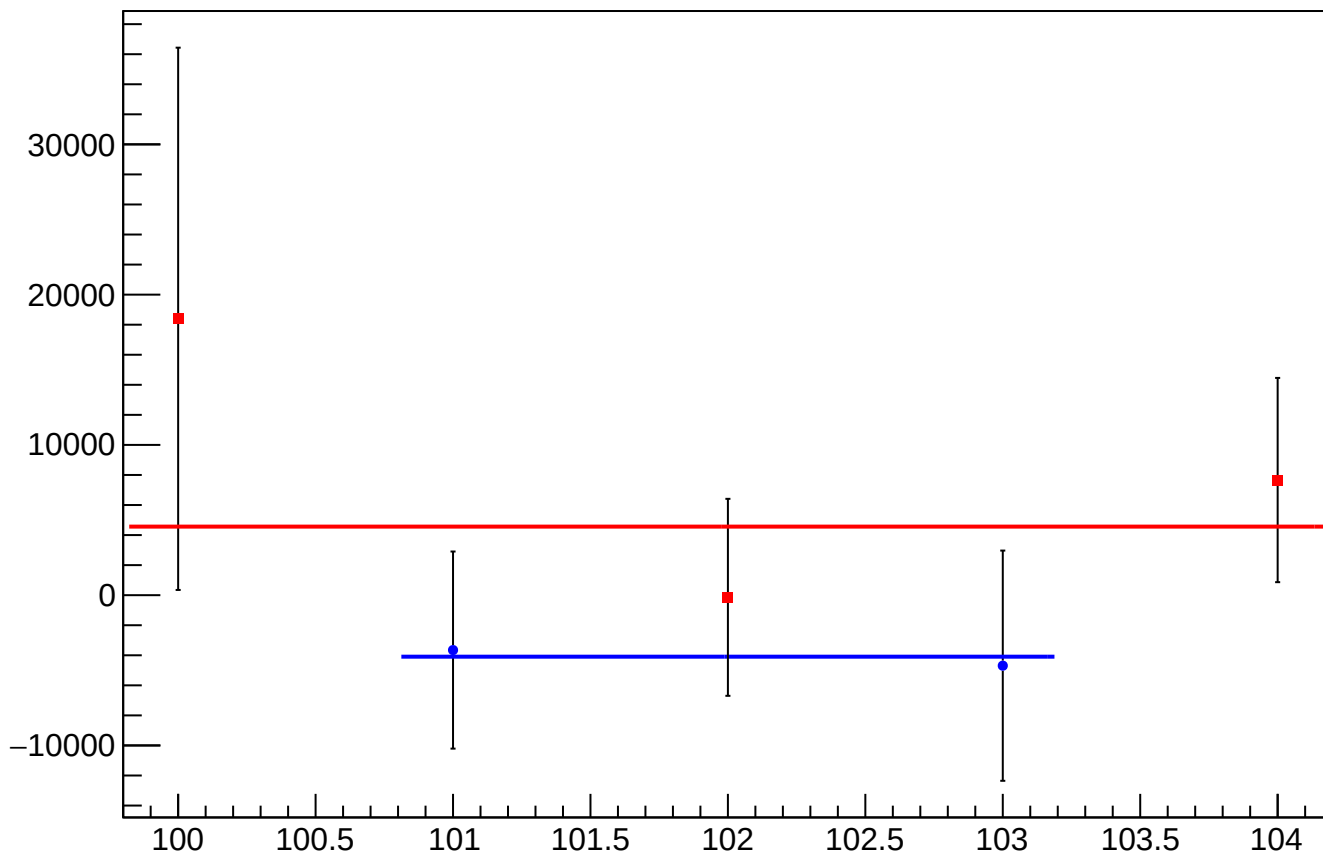
Right: 5040.041 $\pm$ 2.259 χ^2 /NDF: 4502.7/4

In: 5087.106 $\pm$ 3.209 χ^2 /NDF:3045.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5040.041 $\pm$ 2.259 χ^2 /NDF: 4502.7/4

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -4092.553±/-4981.843 χ^2/NDF : 0.0/1

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

Right Out: 4563.146±/-4564.366 χ^2/NDF : 1.3/2

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

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

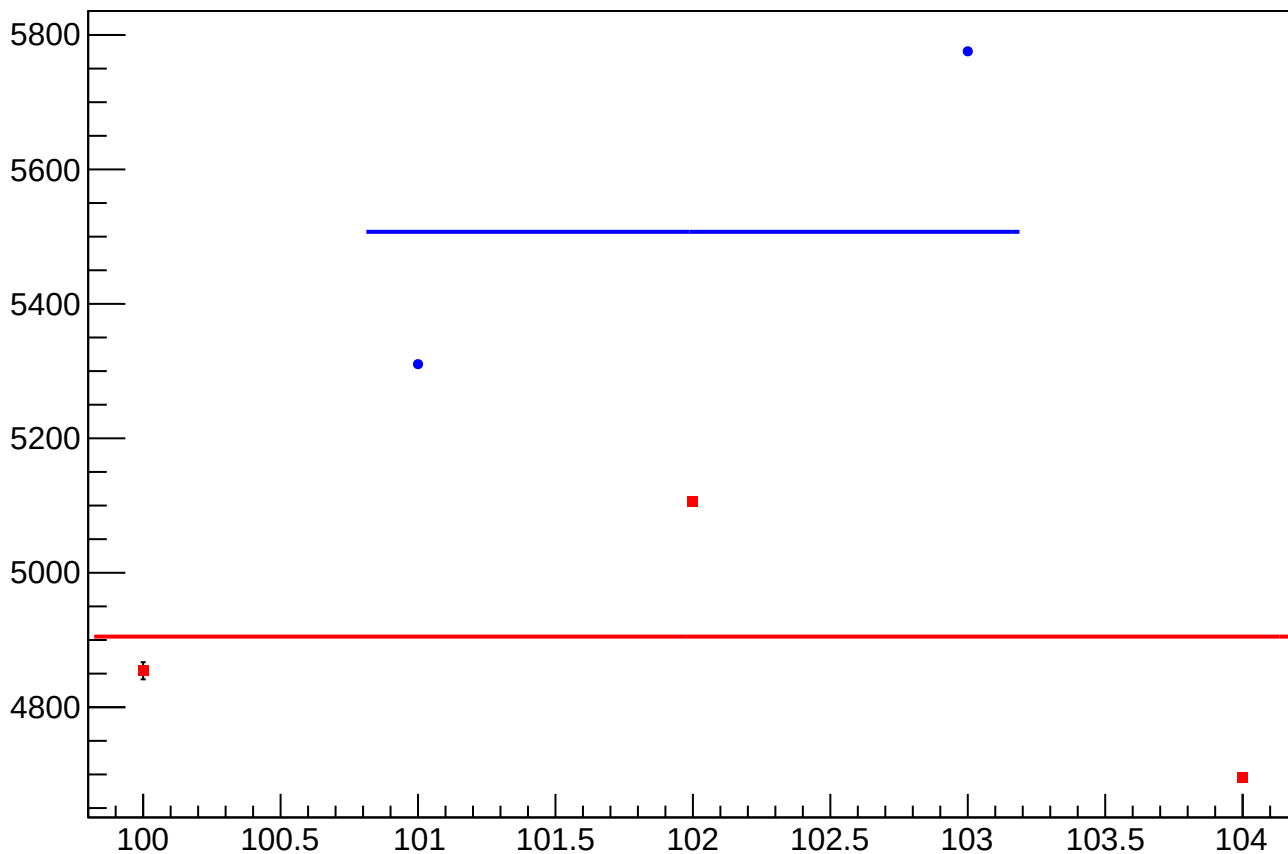
Right: 613.107±/-3365.423 χ^2/NDF : 3.0/4

In: -4092.553±/-4981.843 χ^2/NDF : 0.0/1

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: 613.107±/-3365.423 χ^2/NDF : 3.0/4

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: 4905.058+/-3.227 χ^2/NDF : 3814.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

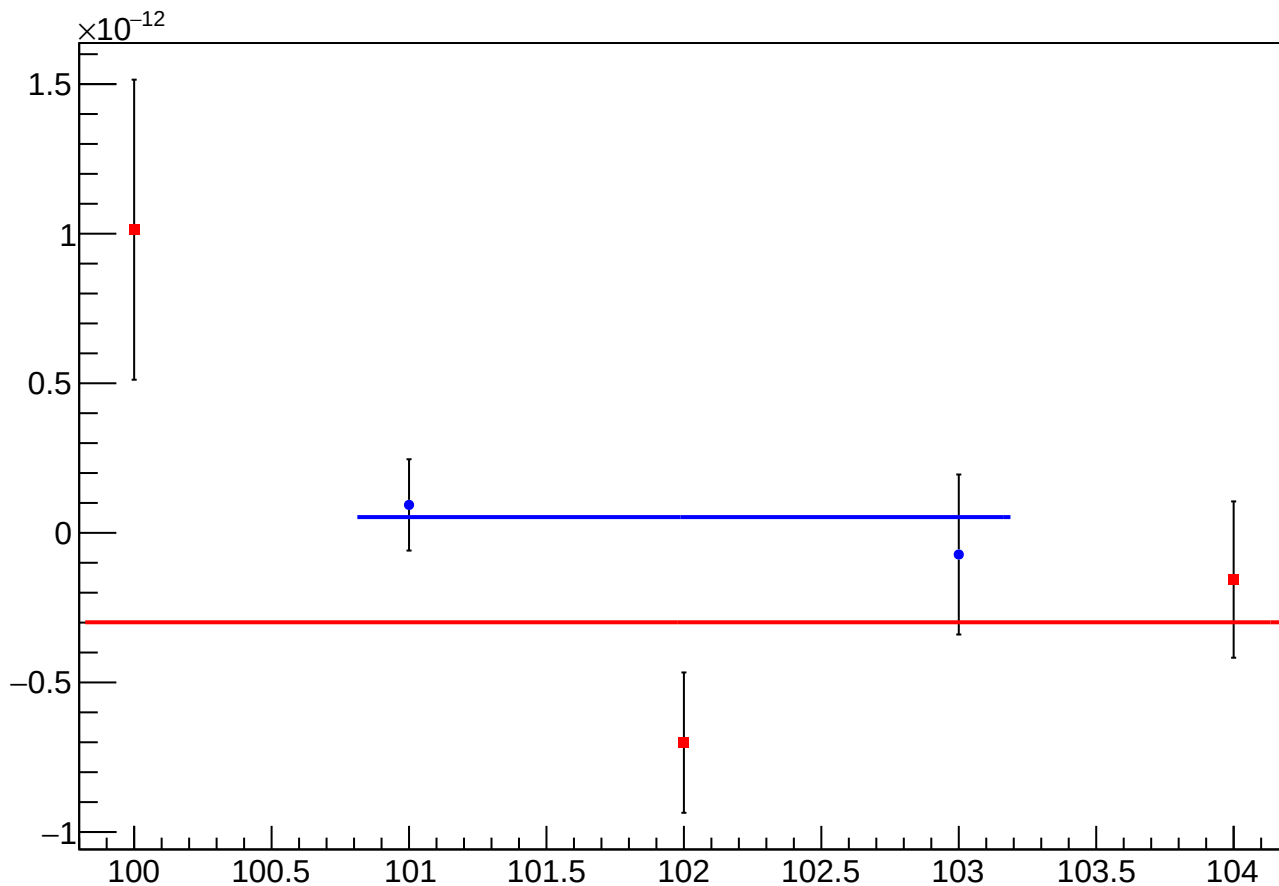
Right: 5179.848+/-2.380 χ^2/NDF : 23958.3/4

In: 5507.195+/-3.523 χ^2/NDF : 4259.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5179.848+/-2.380 χ^2/NDF : 23958.3/4

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 : 10.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

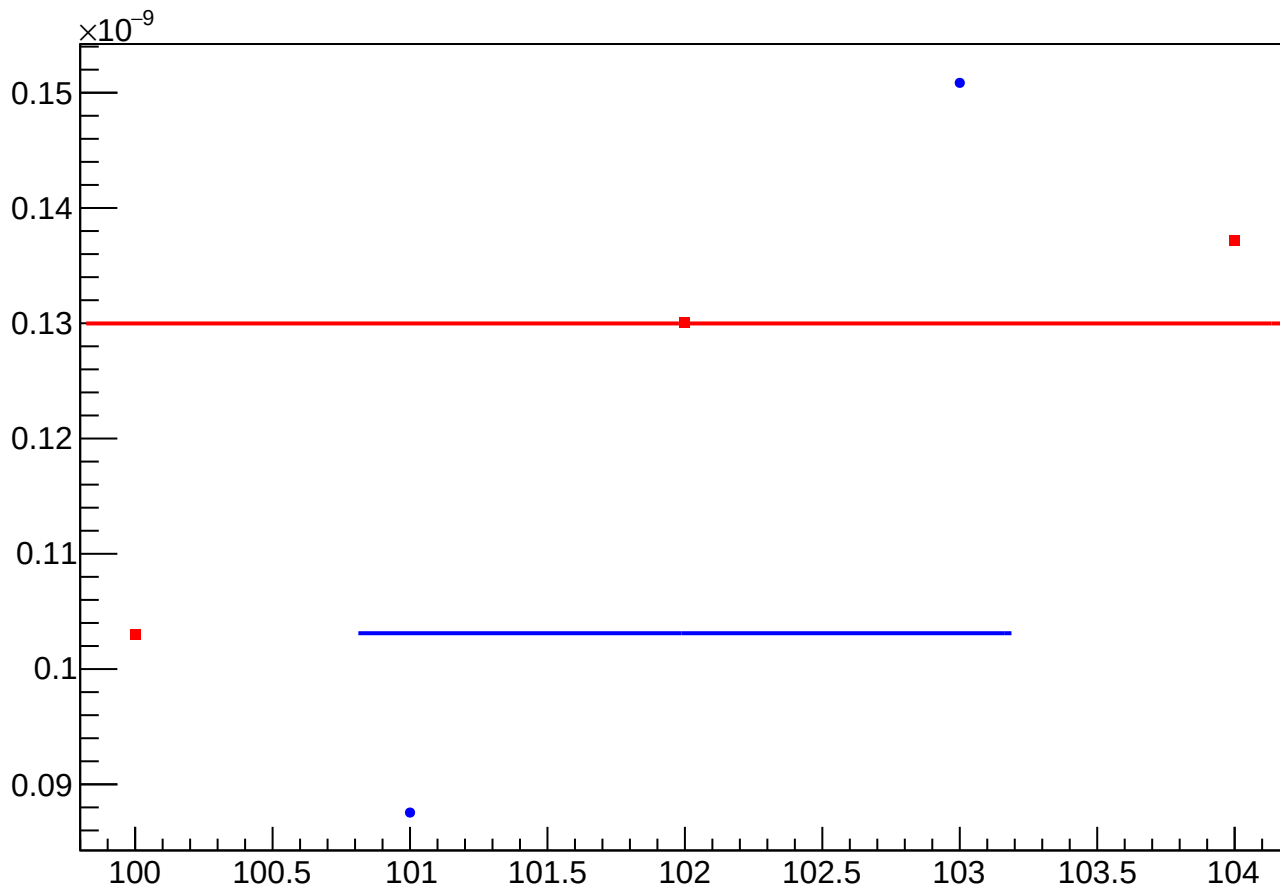
Right: -0.000+/-0.000 χ^2/NDF : 13.1/4

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 : 13.1/4

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 : 7337.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

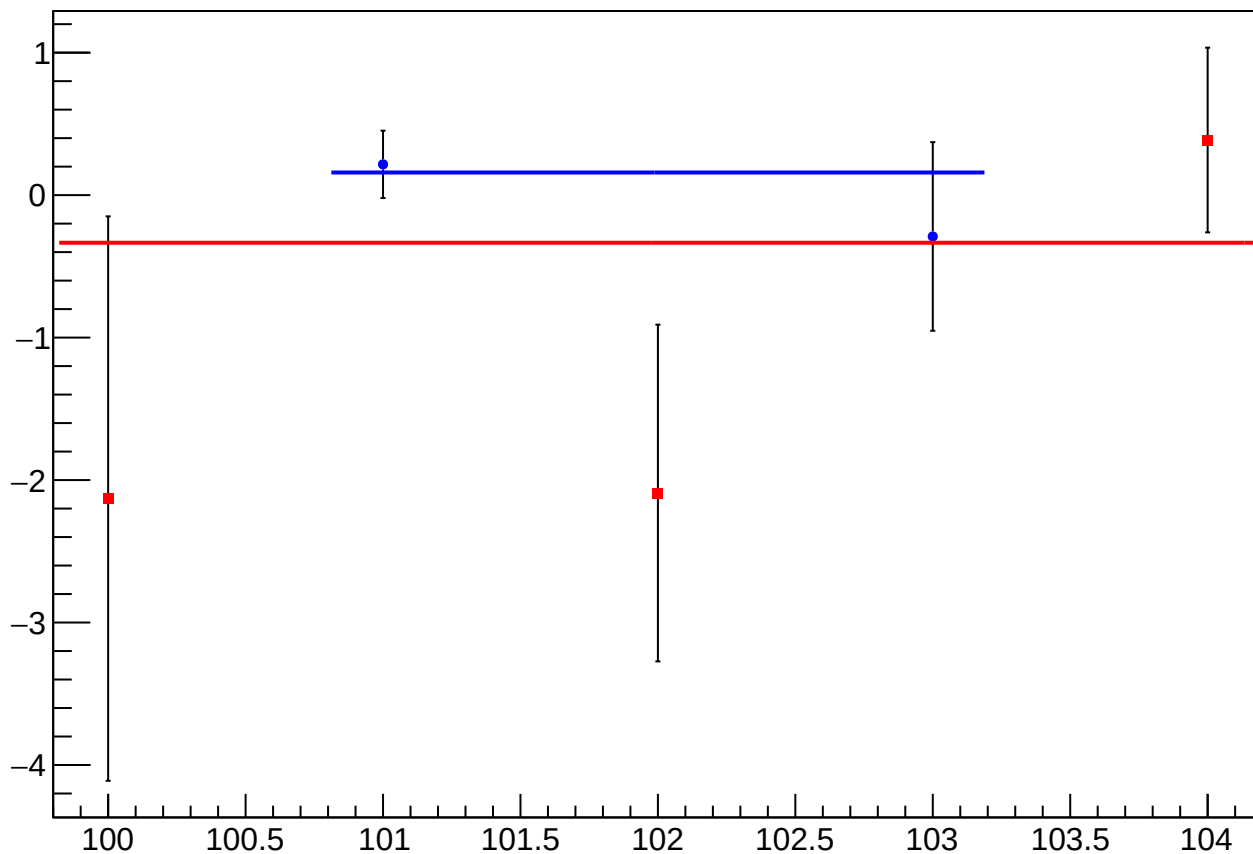
Right: 0.000+/-0.000 χ^2/NDF : 124171.4/4

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 : 124171.4/4

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: -0.334 $\pm$ 0.546 χ^2 /NDF: 4.3/2

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

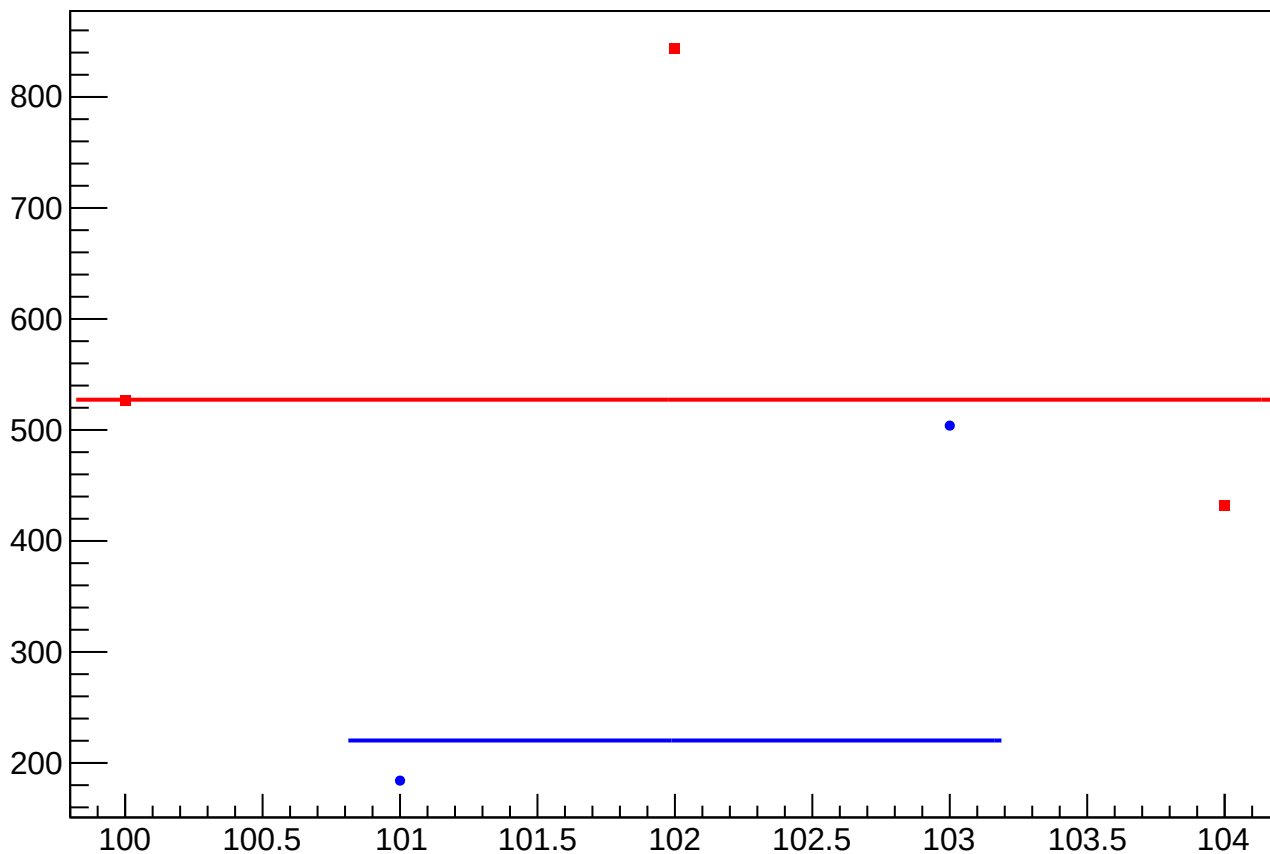
Right: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 527.268+/-0.386 χ^2/NDF : 186322.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

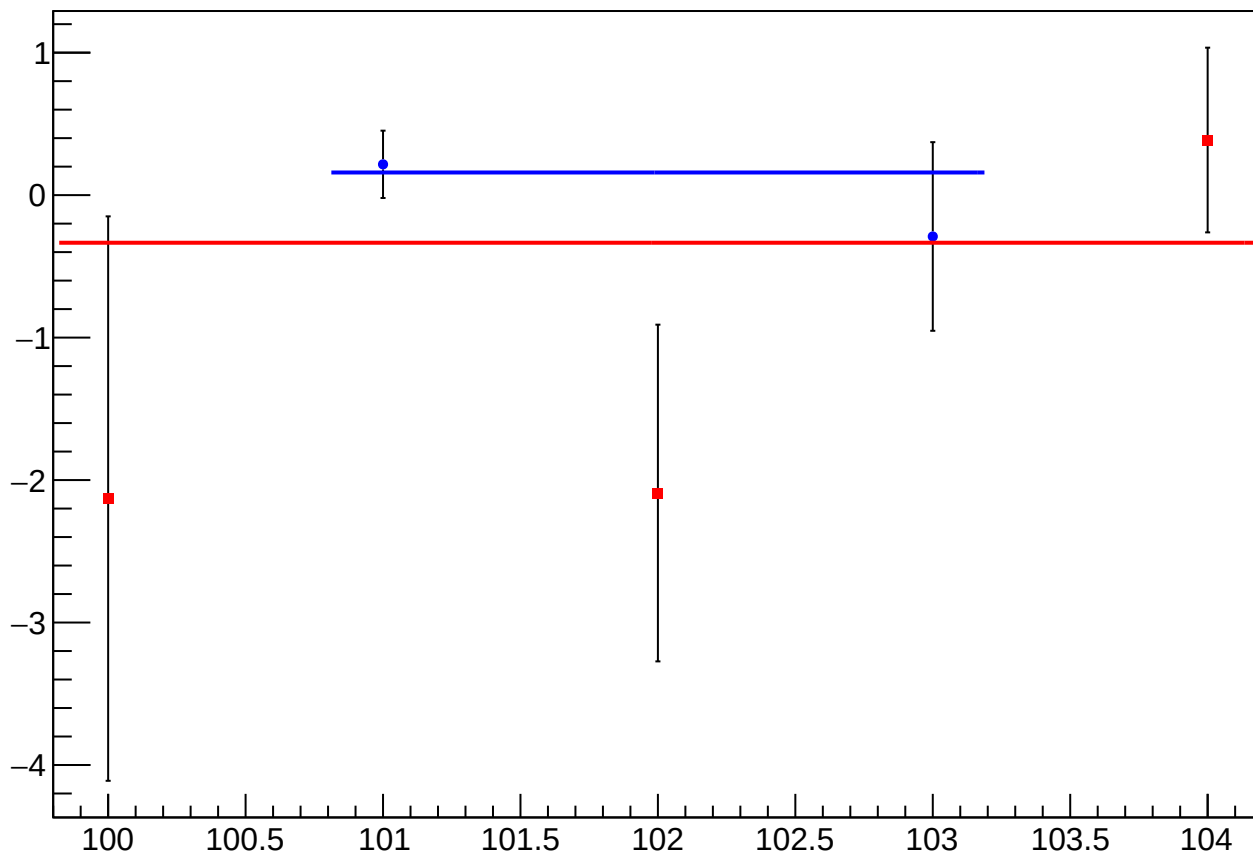
Right: 263.936+/-0.146 χ^2/NDF : 1142135.3/4

In: 220.238+/-0.157 χ^2/NDF : 414007.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.936+/-0.146 χ^2/NDF : 1142135.3/4

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.159+/-0.223 χ^2/NDF : 0.5/1

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

Right Out: -0.334+/-0.546 χ^2/NDF : 4.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

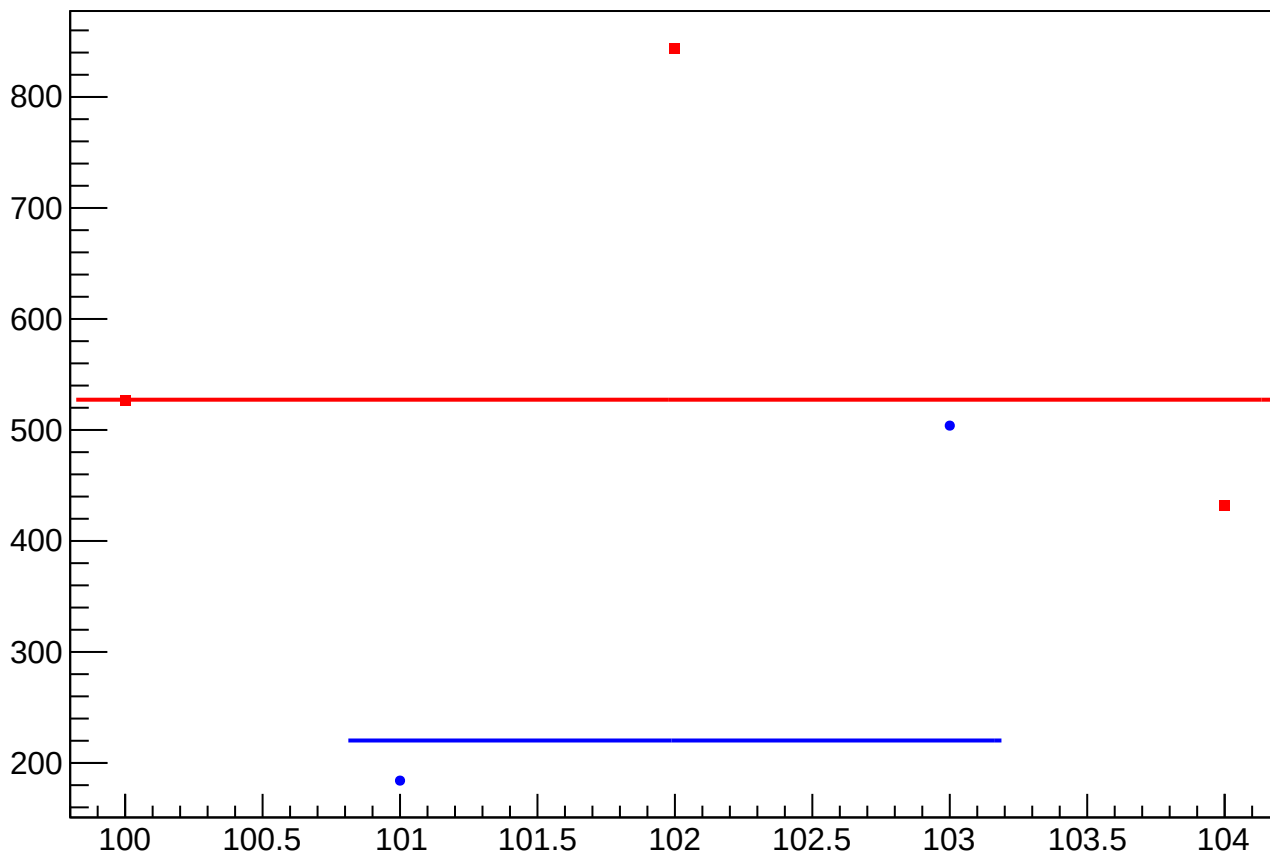
Right: 0.089+/-0.206 χ^2/NDF : 5.5/4

In: 0.159+/-0.223 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.206 χ^2/NDF : 5.5/4

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: 527.268+/-0.386 χ^2/NDF : 186322.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

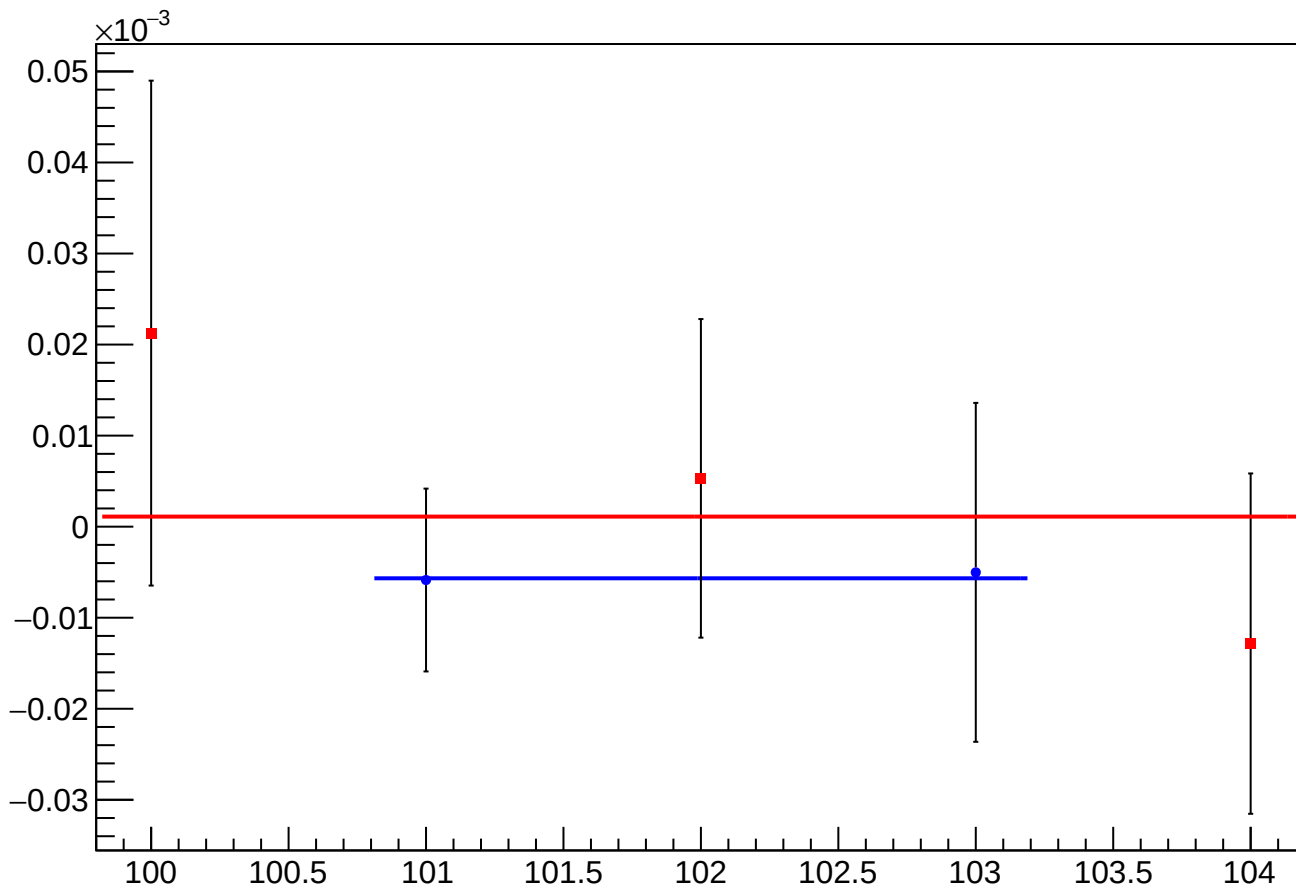
Right: 263.936+/-0.146 χ^2/NDF : 1142135.3/4

In: 220.238+/-0.157 χ^2/NDF :414007.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 263.936+/-0.146 χ^2/NDF : 1142135.3/4

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 : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

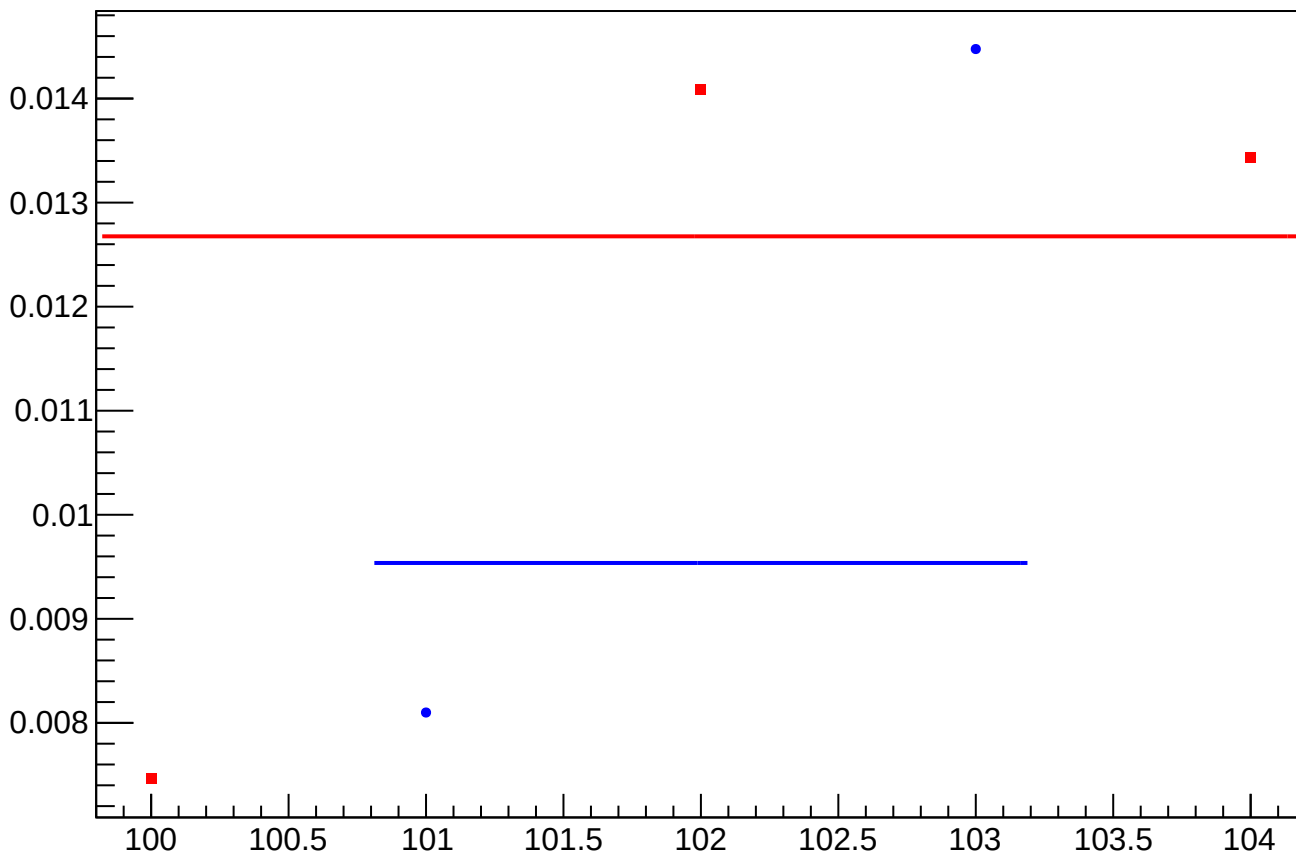
Right: -0.000+/-0.000 χ^2/NDF : 1.4/4

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 : 1.4/4

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: 0.013+/-0.000 χ^2/NDF : 87030.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

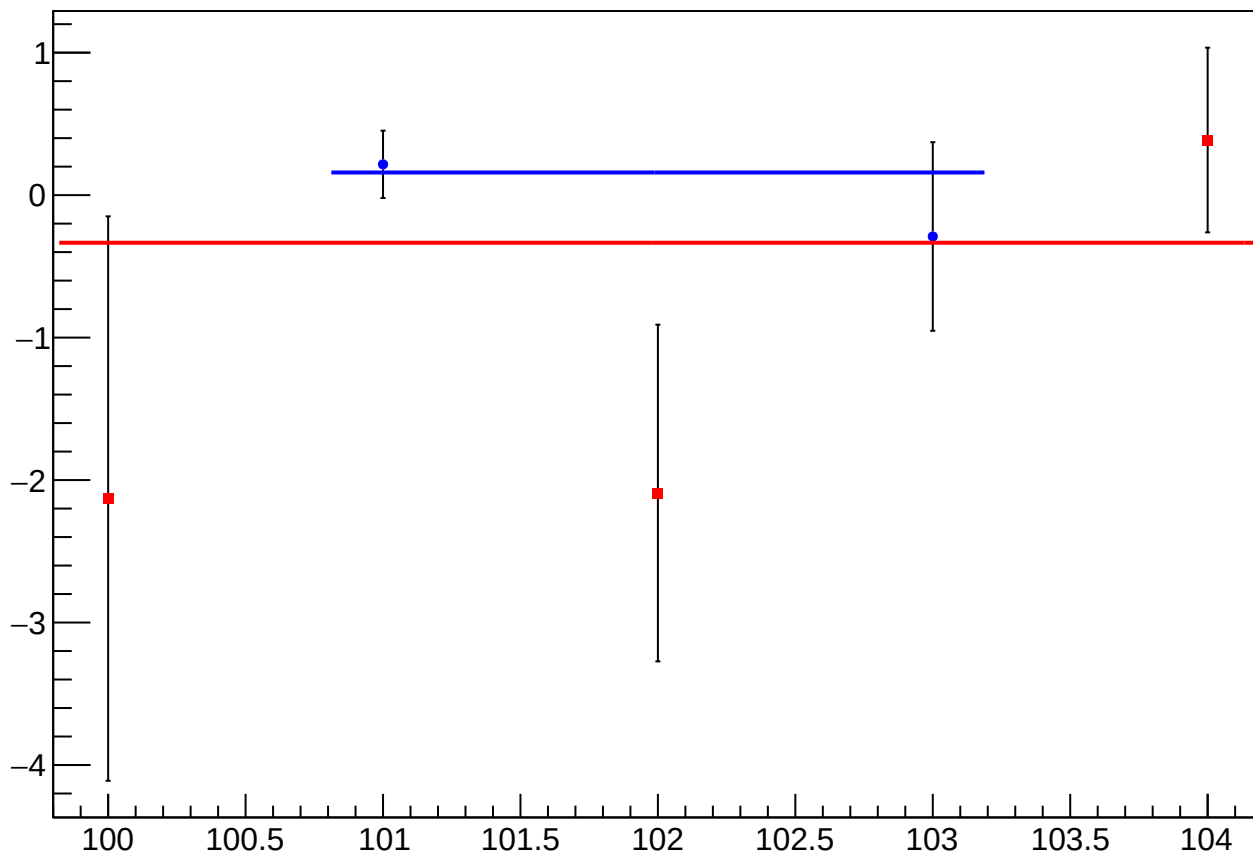
Right: 0.011+/-0.000 χ^2/NDF : 361502.9/4

In: 0.010+/-0.000 χ^2/NDF : 181813.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 361502.9/4

asym_atl_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.159 $\pm$ 0.223 χ^2 /NDF: 0.5/1

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

Right Out: -0.334 $\pm$ 0.546 χ^2 /NDF: 4.3/2

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

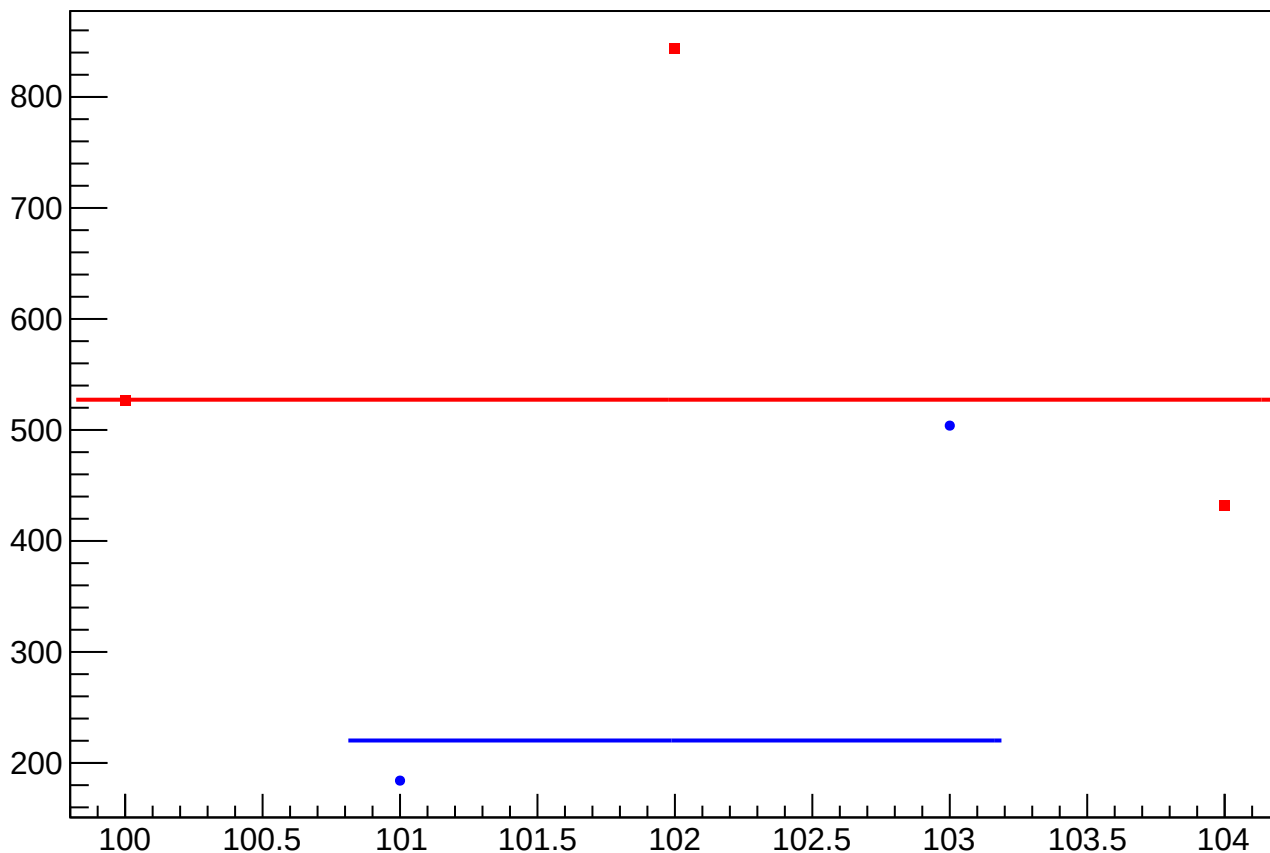
Right: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 527.260+/-0.386 χ^2/NDF : 186325.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

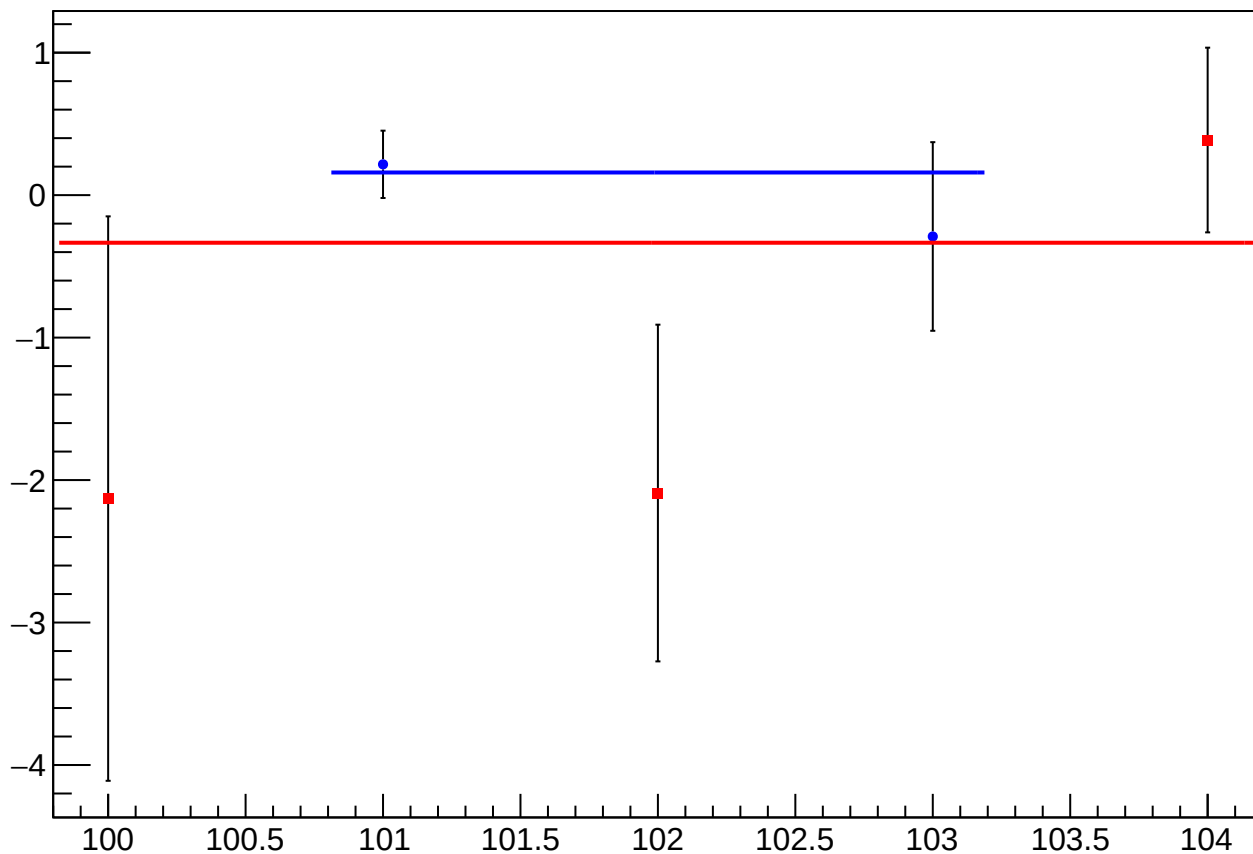
Right: 263.932+/-0.146 χ^2/NDF : 1142136.7/4

In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.932+/-0.146 χ^2/NDF : 1142136.7/4

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: -0.334 $\pm$ 0.546 χ^2 /NDF: 4.3/2

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

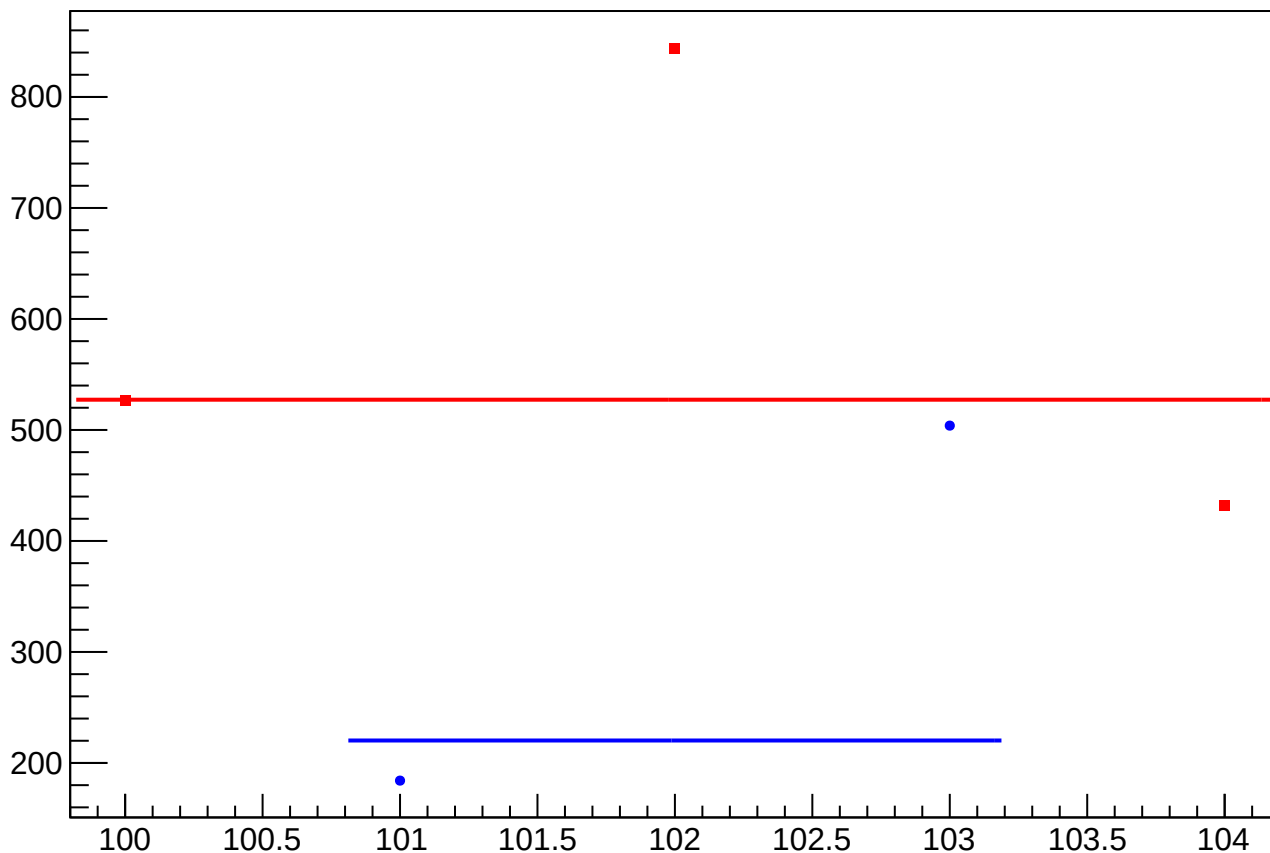
Right: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 0.089 $\pm$ 0.206 χ^2 /NDF: 5.5/4

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: 527.260+/-0.386 χ^2/NDF : 186325.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

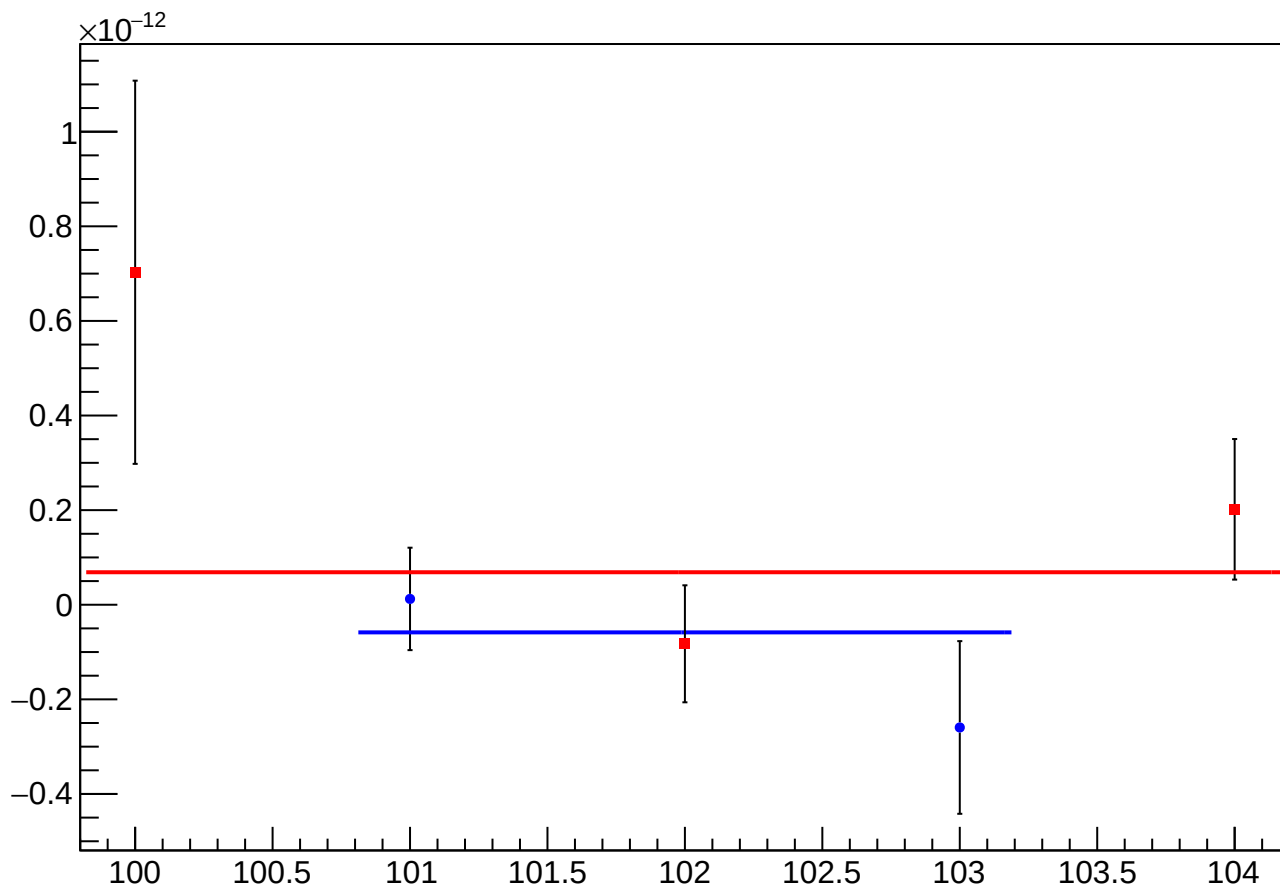
Right: 263.932+/-0.146 χ^2/NDF : 1142136.7/4

In: 220.235+/-0.157 χ^2/NDF : 414006.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.932+/-0.146 χ^2/NDF : 1142136.7/4

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 : 4.7/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

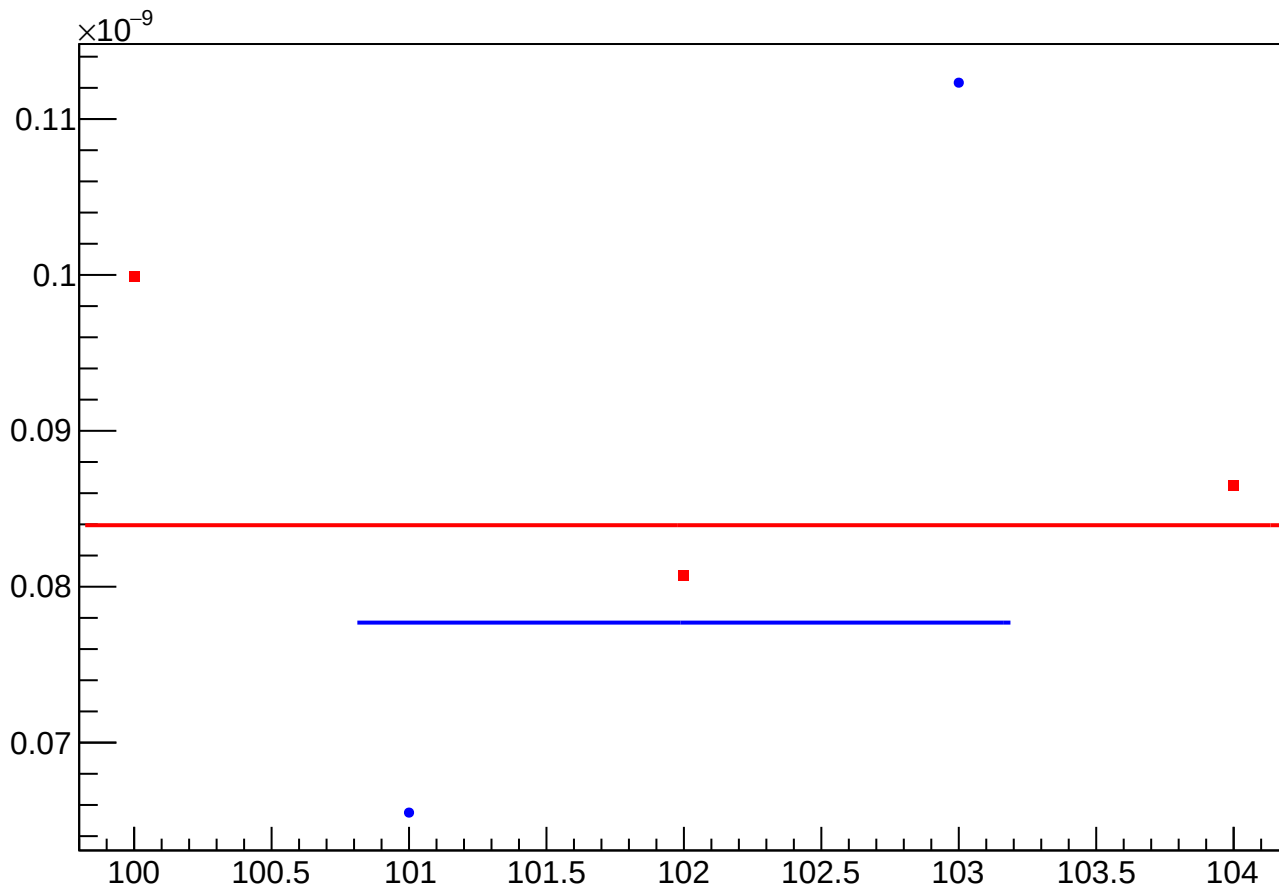
Right: 0.000+/-0.000 χ^2/NDF : 7.3/4

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 : 7.3/4

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 : 5028.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

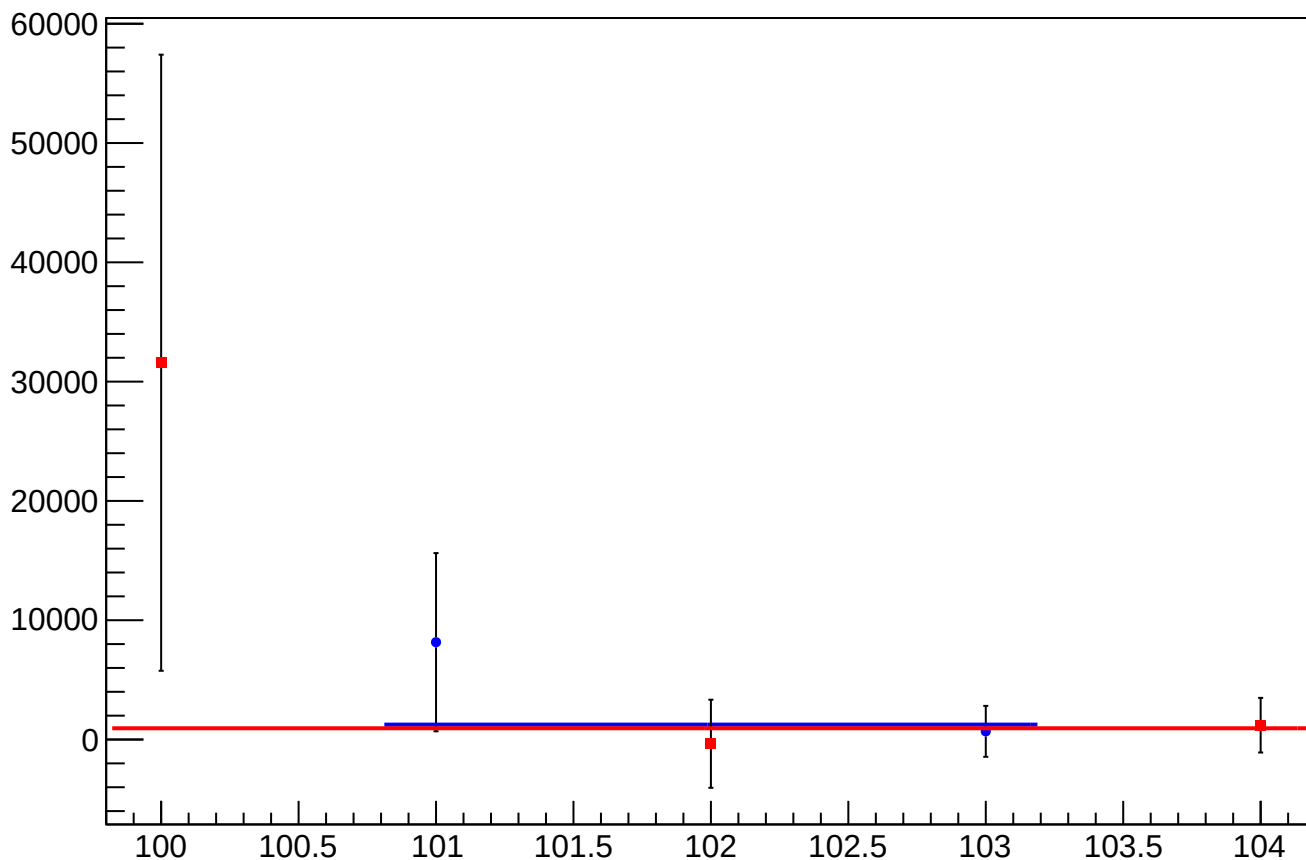
Right: 0.000+/-0.000 χ^2/NDF : 106932.0/4

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 : 106932.0/4

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: 942.188+/-1940.941 χ^2/NDF : 1.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

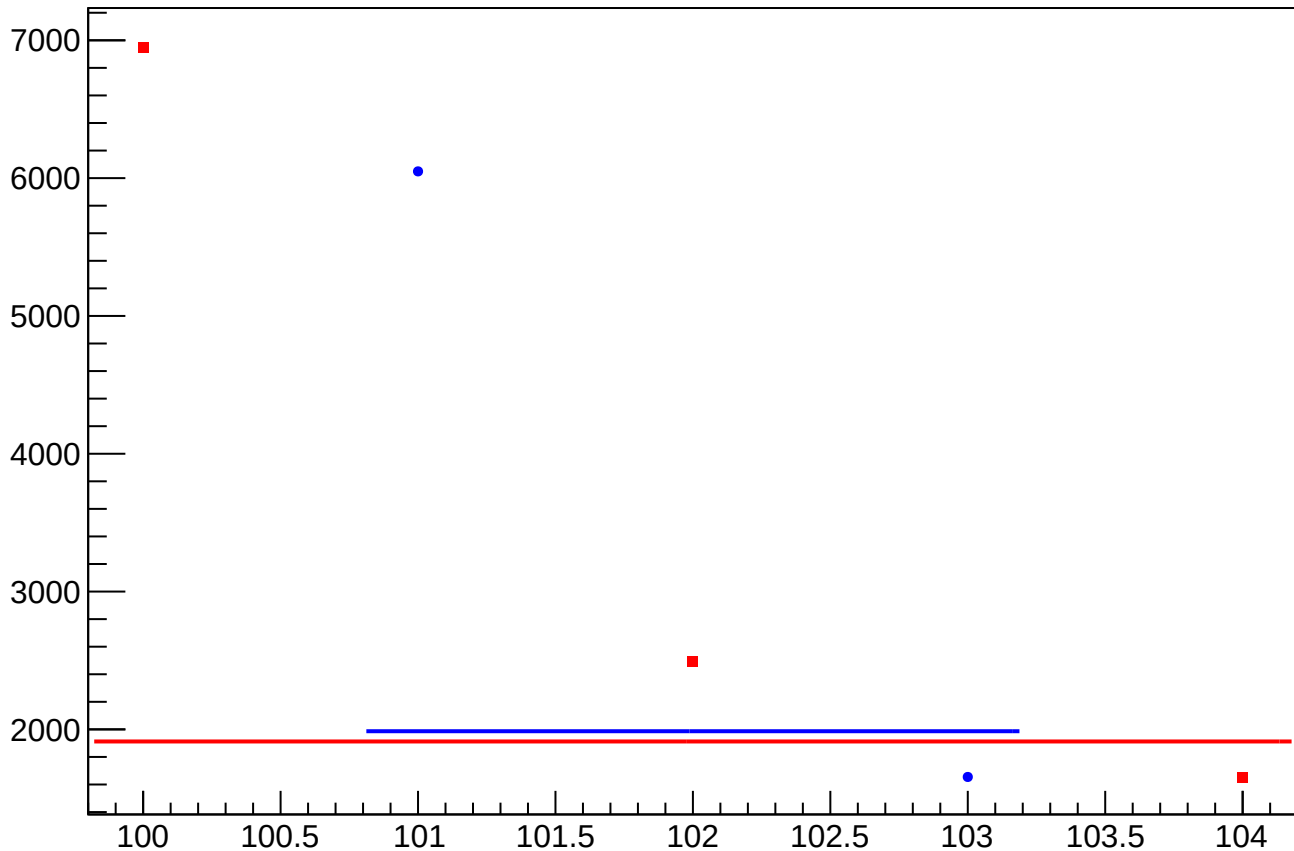
Right: 1086.886+/-1410.222 χ^2/NDF : 2.5/4

In: 1248.685+/-2052.436 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.886+/-1410.222 χ^2/NDF : 2.5/4

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: 1912.282+/-1.372 χ^2/NDF : 151265.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

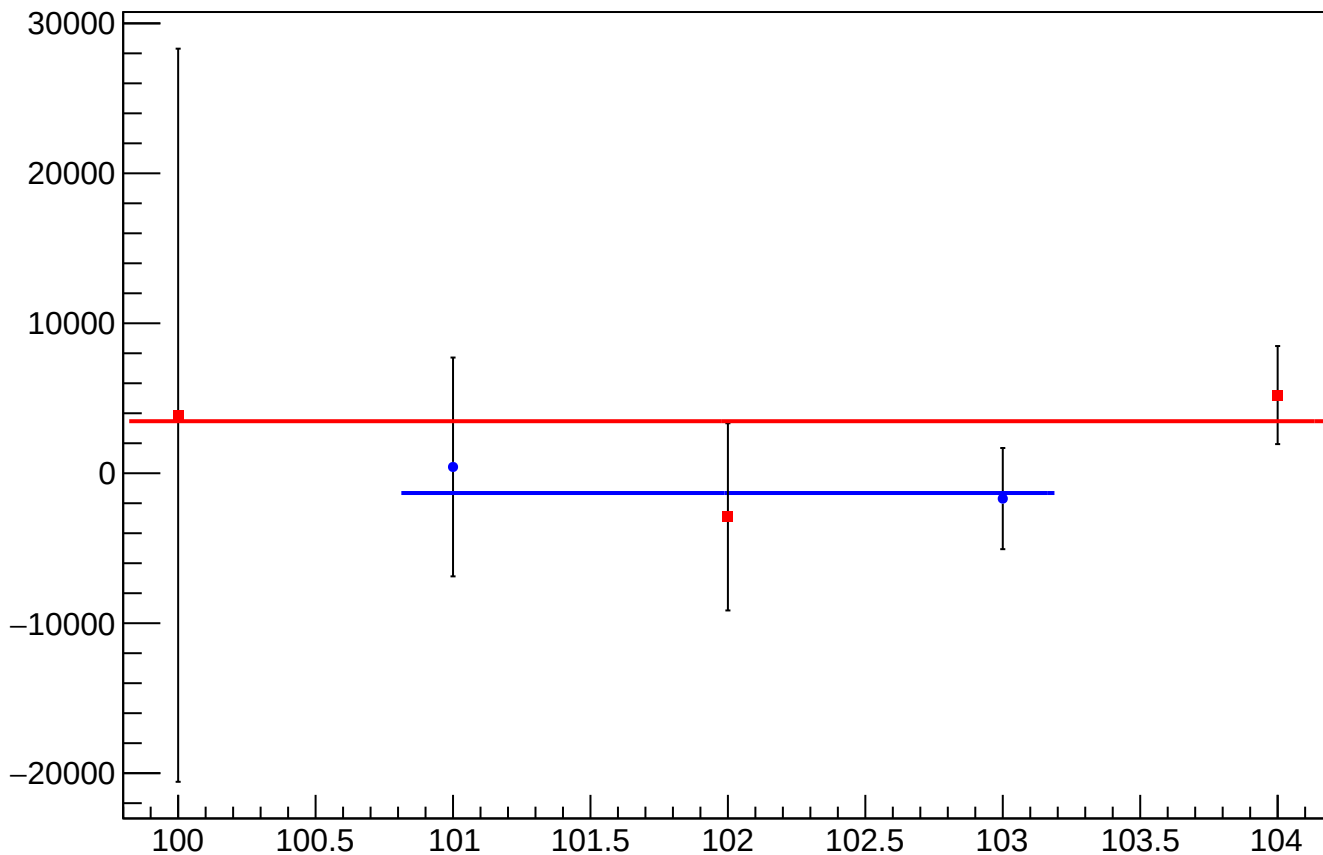
Right: 1947.374+/-0.997 χ^2/NDF : 792662.7/4

In: 1986.616+/-1.451 χ^2/NDF : 640012.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.374+/-0.997 χ^2/NDF : 792662.7/4

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: 3470.318+/-2876.142 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

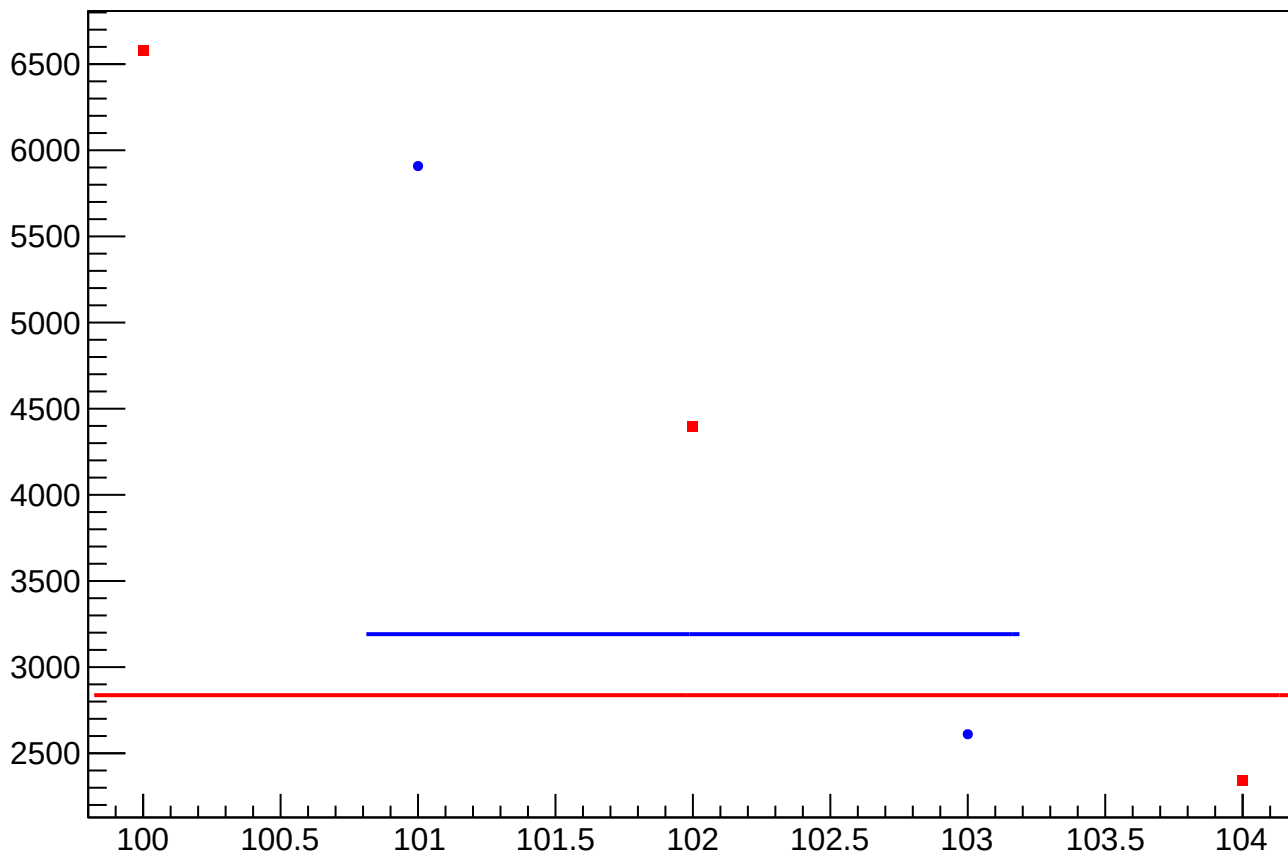
Right: 1225.424+/-2096.206 χ^2/NDF : 2.7/4

In: -1318.146+/-3061.500 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1225.424+/-2096.206 χ^2/NDF : 2.7/4

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: 2837.126+/-2.034 χ^2/NDF : 217316.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

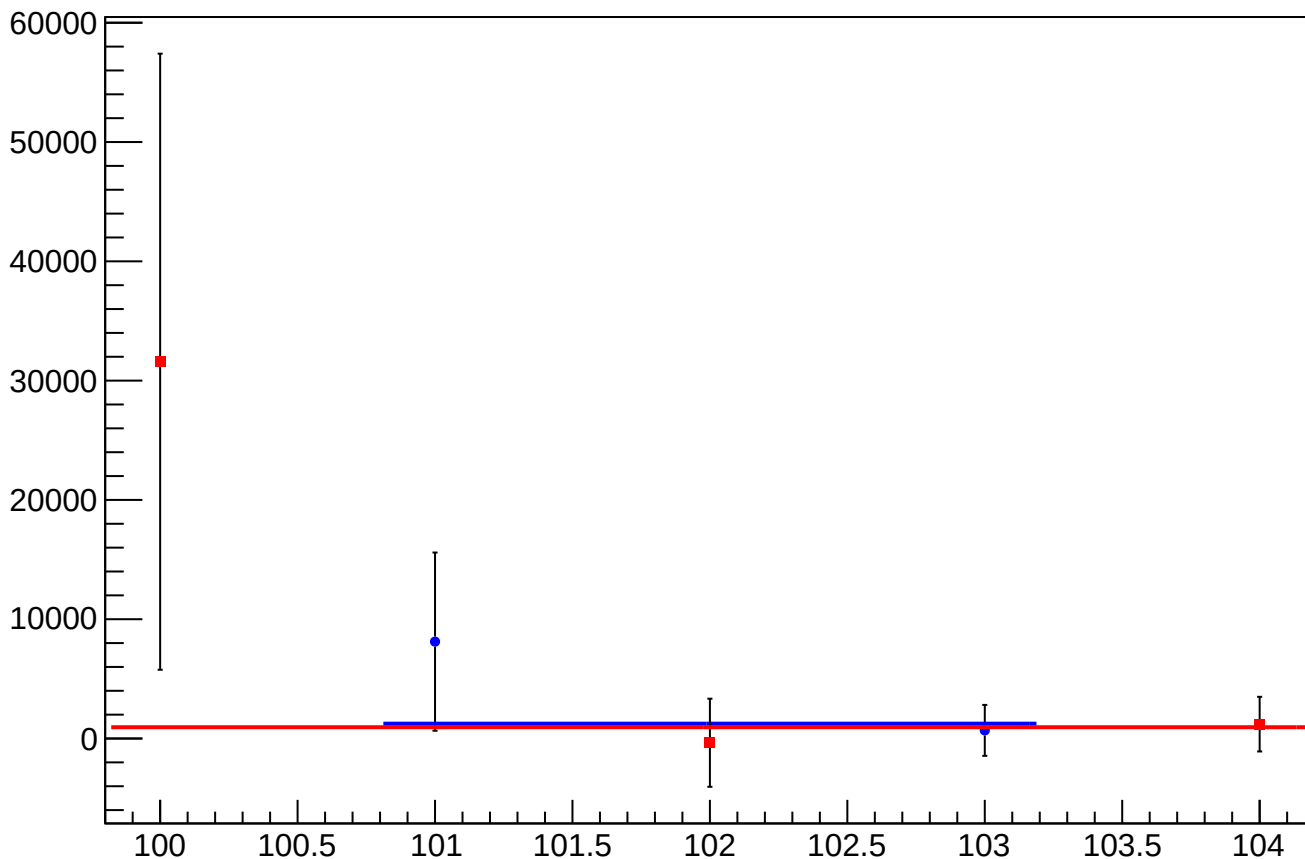
Right: 3003.180+/-1.482 χ^2/NDF : 568223.3/4

In: 3191.328+/-2.165 χ^2/NDF : 336686.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3003.180+/-1.482 χ^2/NDF : 568223.3/4

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 1243.482 $\pm$ 2052.442 χ^2 /NDF: 0.9/1

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

Right Out: 945.640 $\pm$ 1940.943 χ^2 /NDF: 1.5/2

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

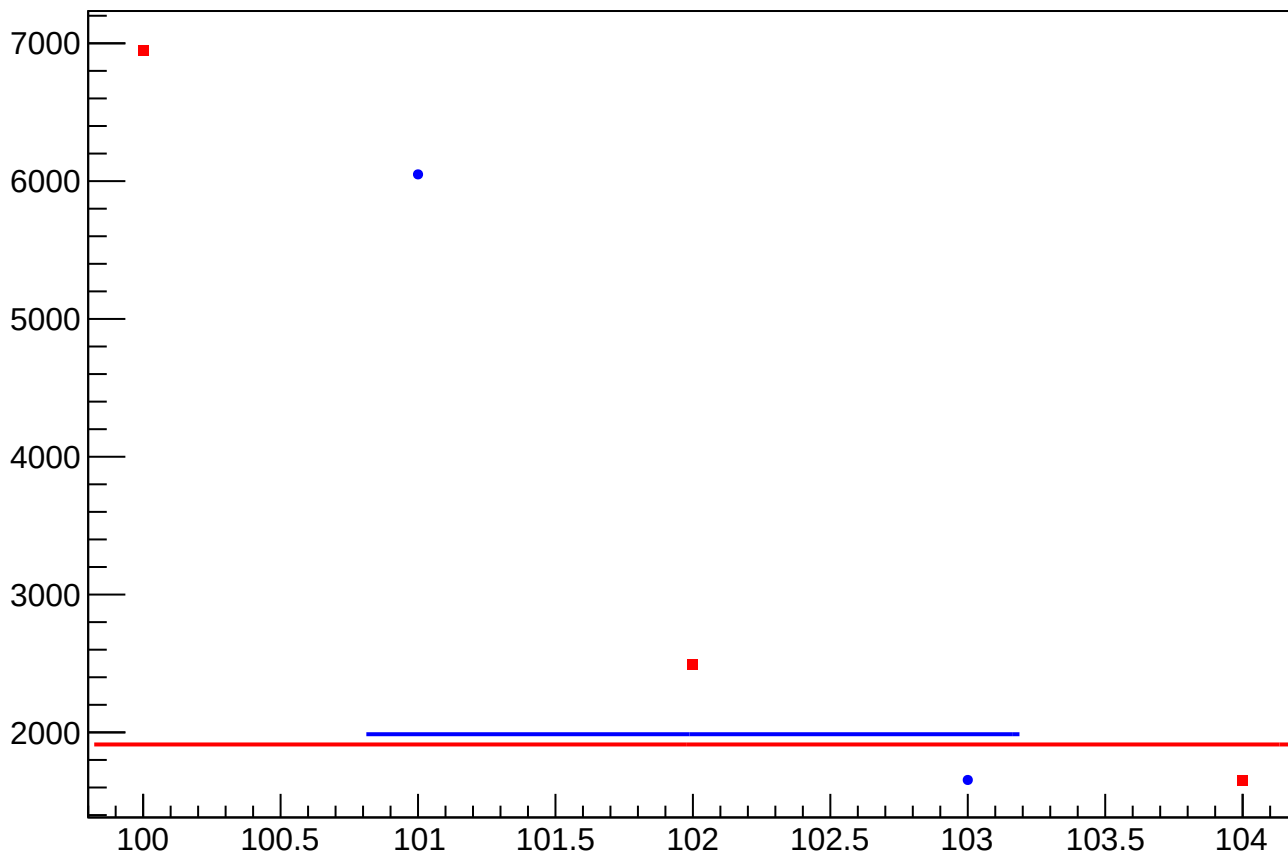
Right: 1086.252 $\pm$ 1410.225 χ^2 /NDF: 2.5/4

In: 1243.482 $\pm$ 2052.442 χ^2 /NDF:0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1086.252 $\pm$ 1410.225 χ^2 /NDF: 2.5/4

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: 1912.282+/-1.372 χ^2/NDF : 151264.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

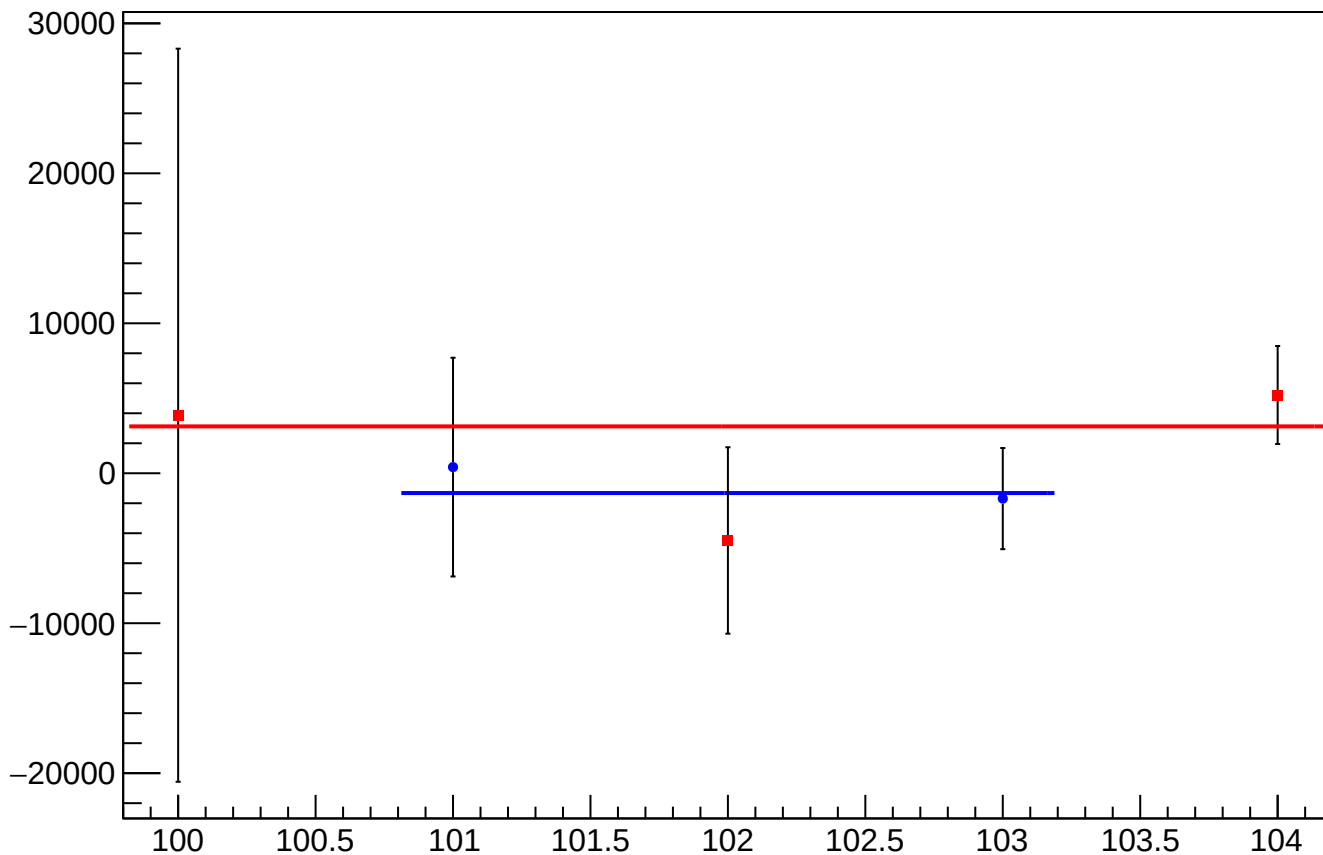
Right: 1947.376+/-0.997 χ^2/NDF : 792660.3/4

In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.376+/-0.997 χ^2/NDF : 792660.3/4

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: 3125.190+/-2873.852 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

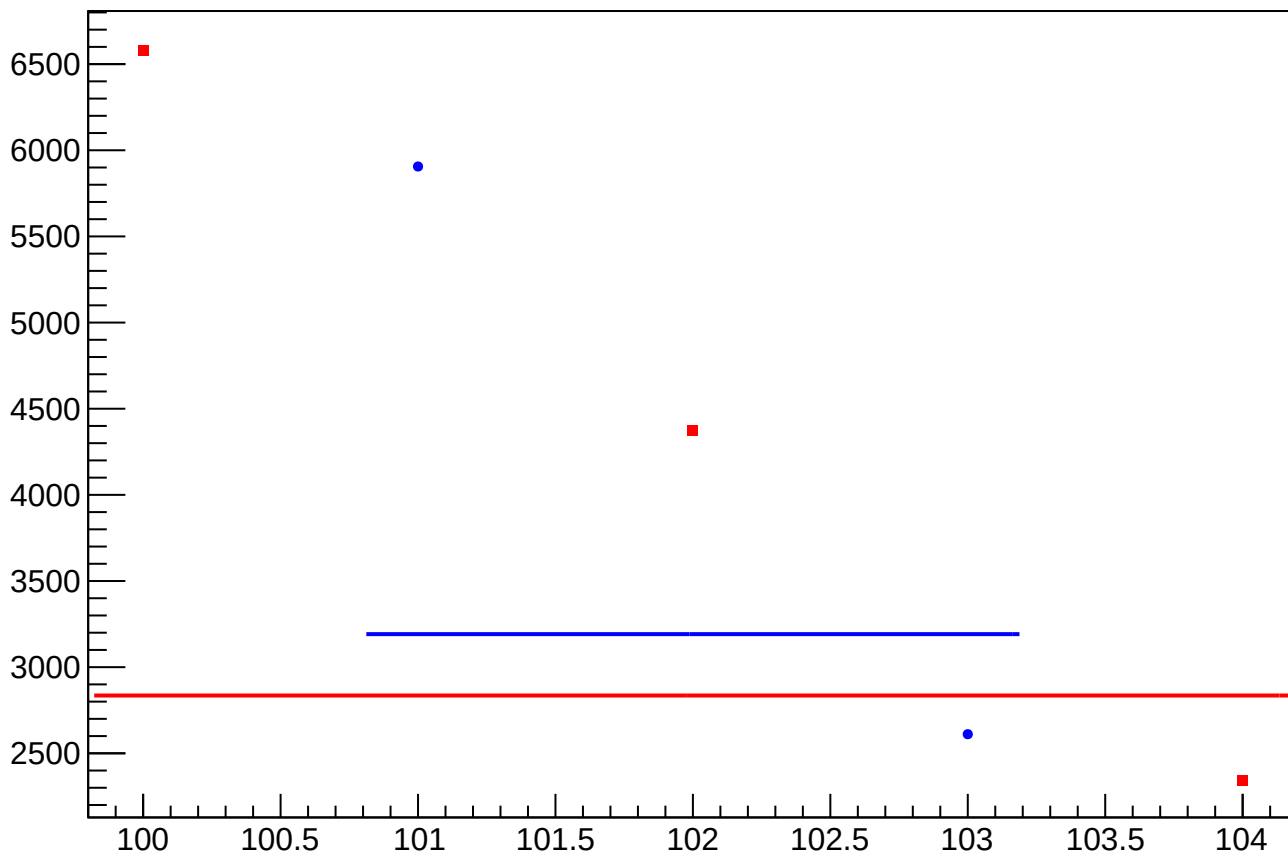
Right: 1043.183+/-2095.327 χ^2/NDF : 3.1/4

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.183+/-2095.327 χ^2/NDF : 3.1/4

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: 2835.522+/-2.032 χ^2/NDF : 214856.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

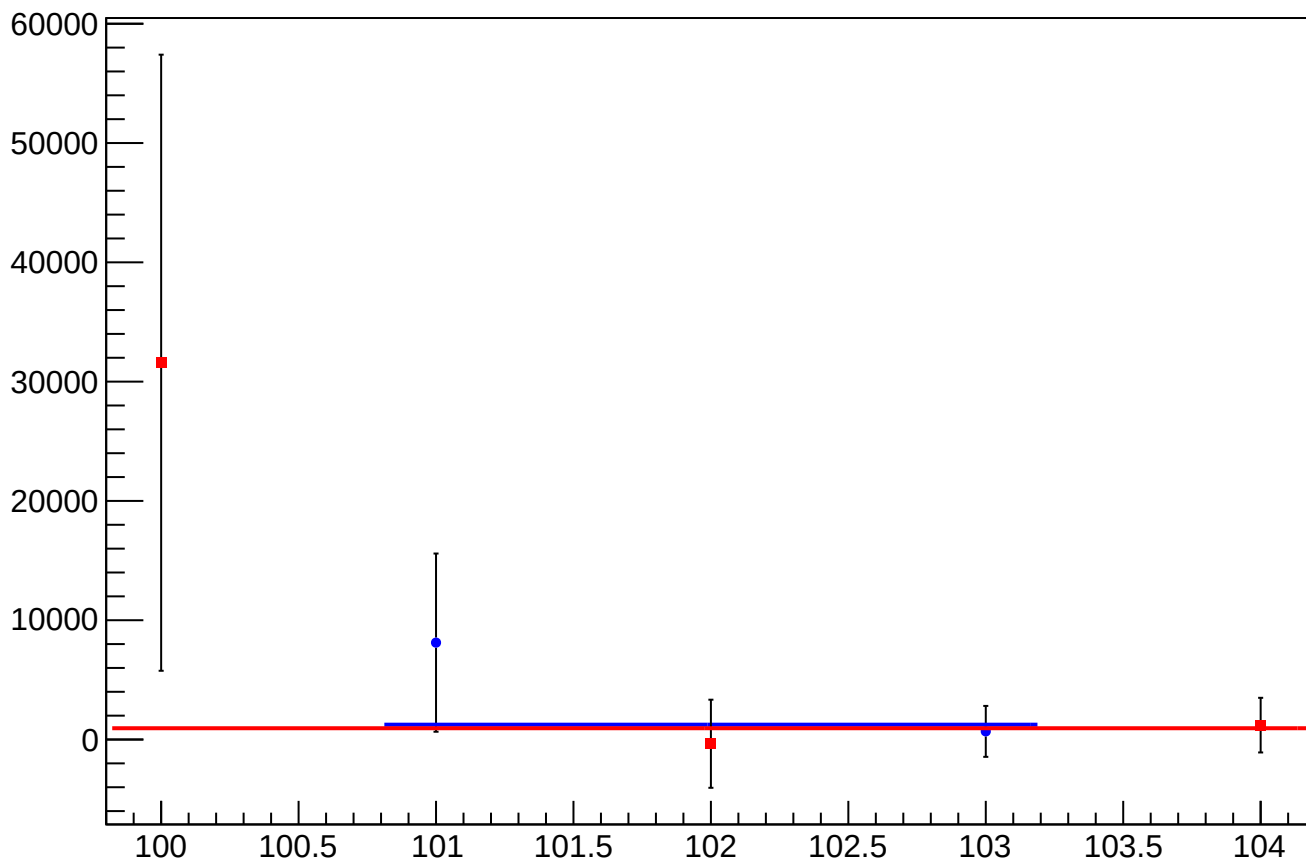
Right: 3002.344+/-1.482 χ^2/NDF : 565561.3/4

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.344+/-1.482 χ^2/NDF : 565561.3/4

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: 945.640+/-1940.943 χ^2/NDF : 1.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

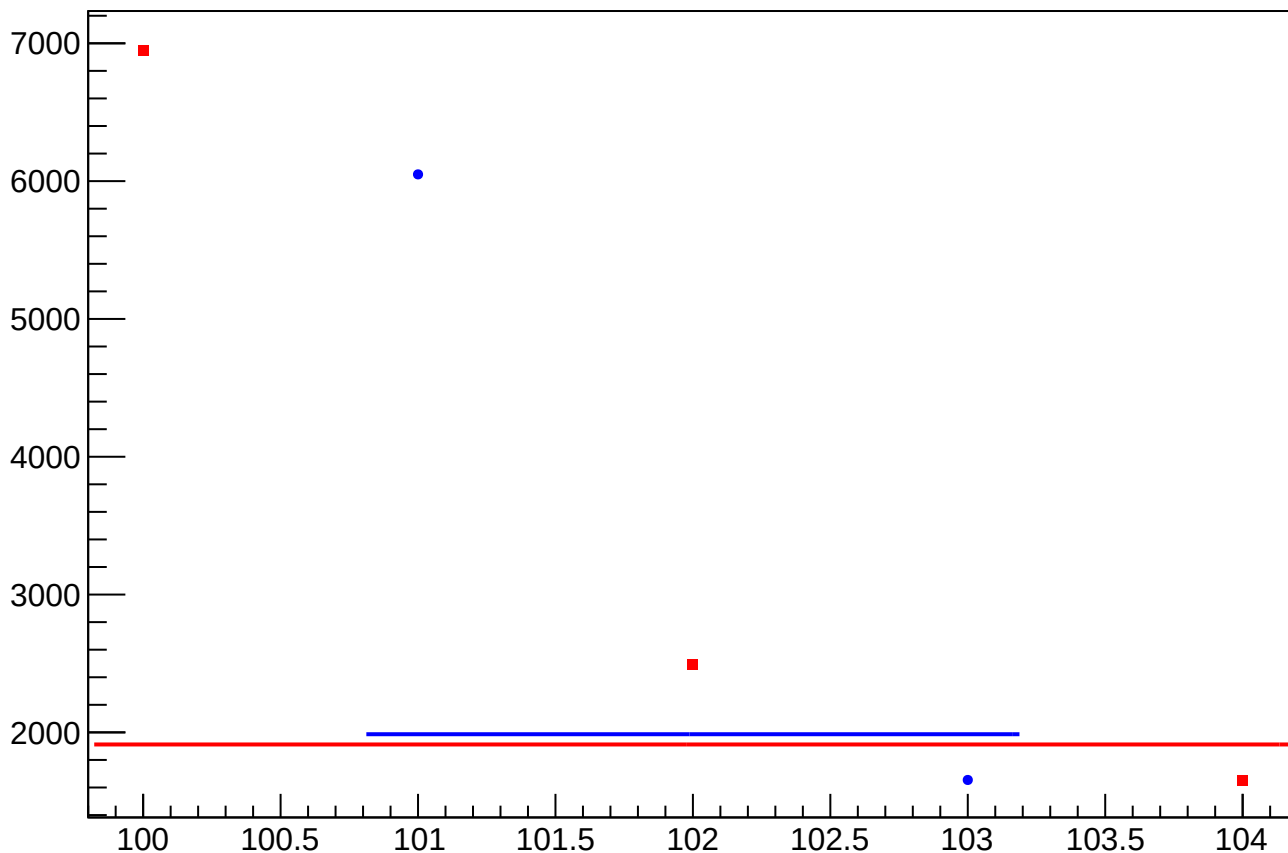
Right: 1086.252+/-1410.225 χ^2/NDF : 2.5/4

In: 1243.482+/-2052.442 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.252+/-1410.225 χ^2/NDF : 2.5/4

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: 1912.282+/-1.372 χ^2/NDF : 151264.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

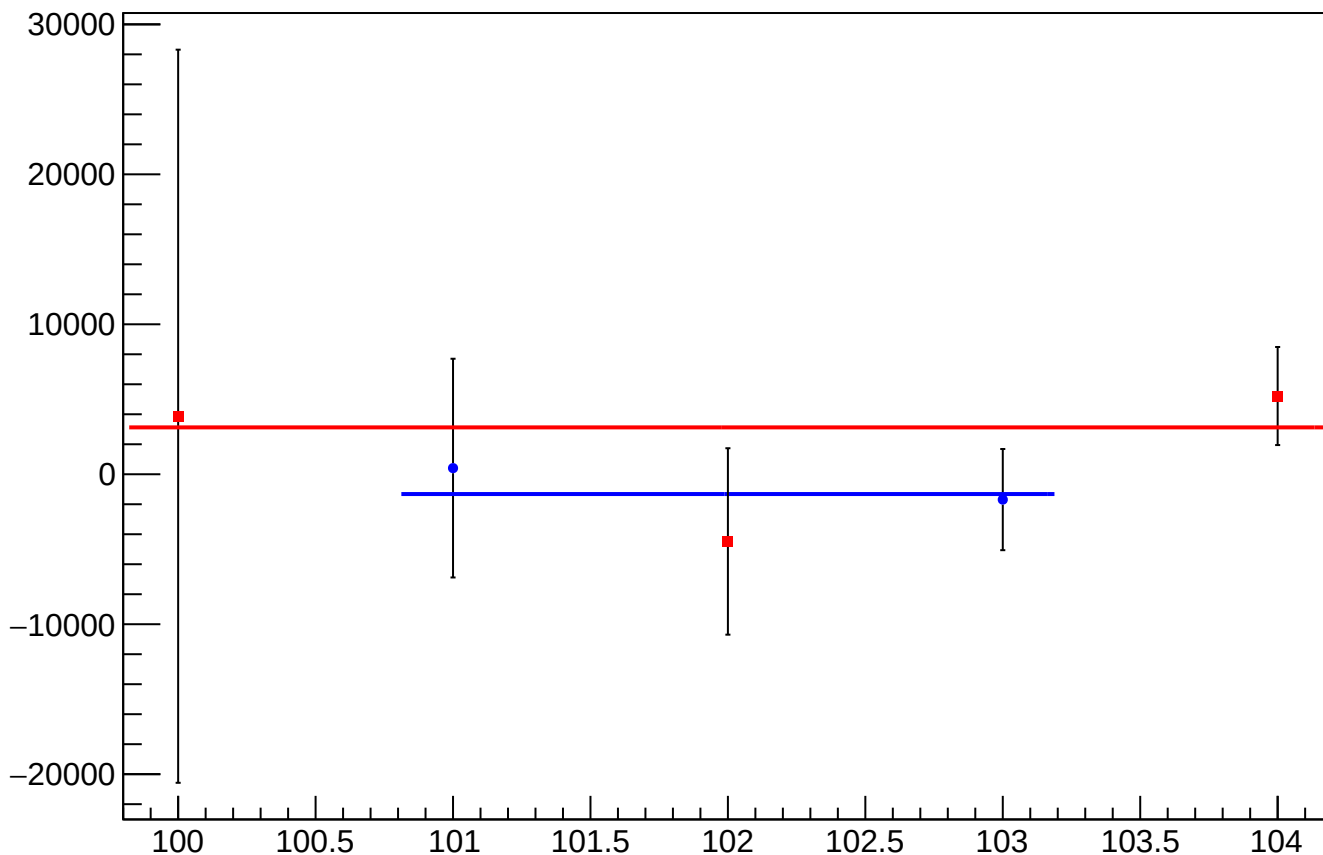
Right: 1947.376+/-0.997 χ^2/NDF : 792660.3/4

In: 1986.620+/-1.451 χ^2/NDF : 640011.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1947.376+/-0.997 χ^2/NDF : 792660.3/4

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: 3125.190+/-2873.852 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

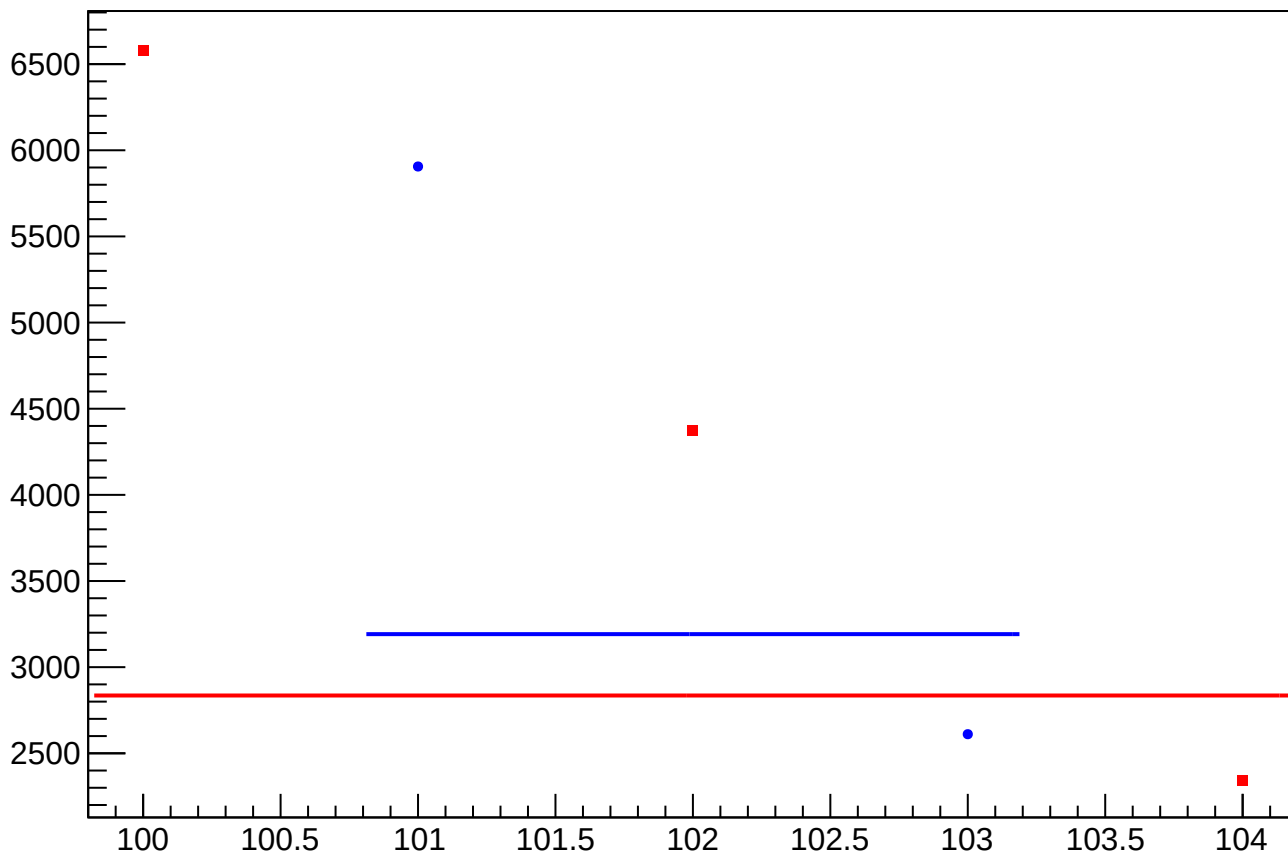
Right: 1043.183+/-2095.327 χ^2/NDF : 3.1/4

In: -1319.623+/-3061.522 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1043.183+/-2095.327 χ^2/NDF : 3.1/4

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: 2835.522+/-2.032 χ^2/NDF : 214856.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

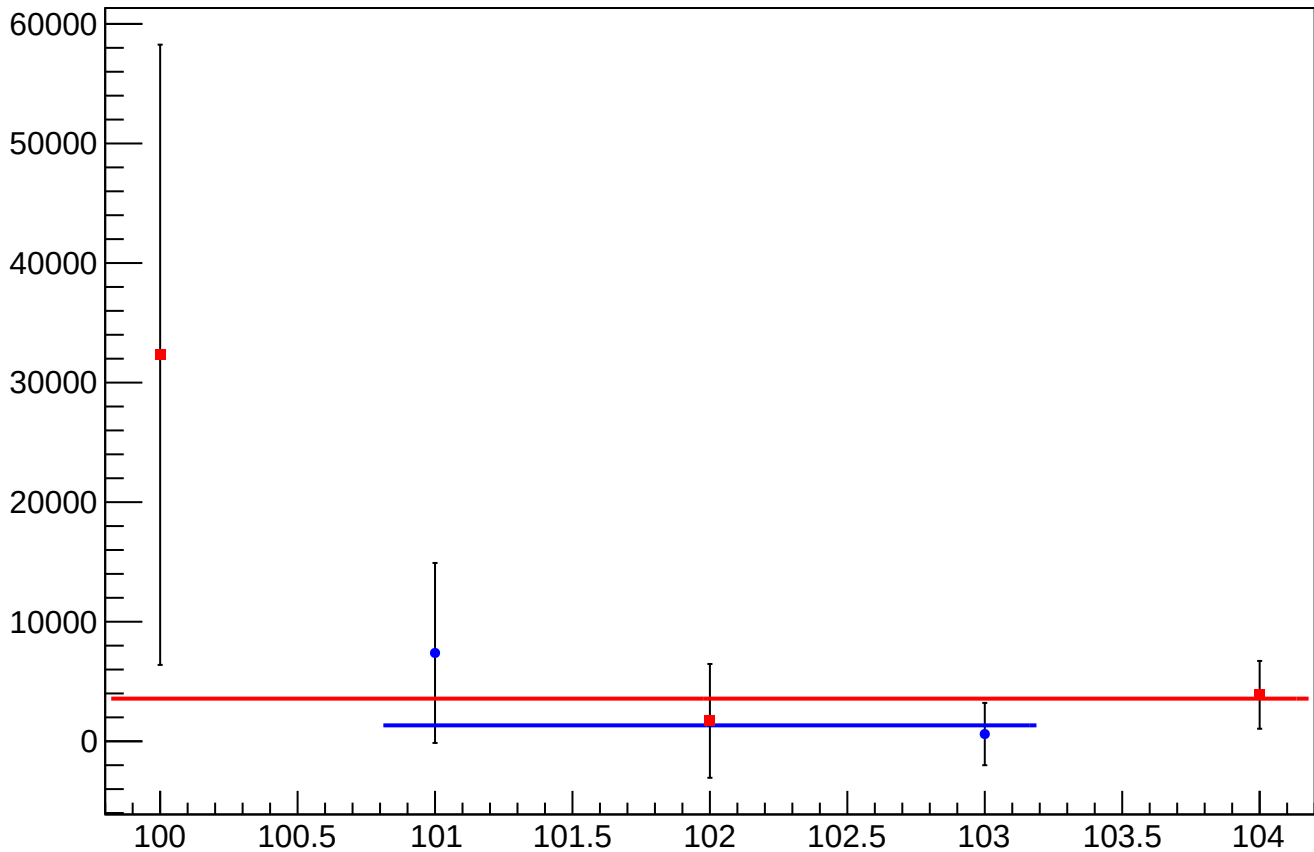
Right: 3002.344+/-1.482 χ^2/NDF : 565561.3/4

In: 3191.665+/-2.165 χ^2/NDF : 336317.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3002.344+/-1.482 χ^2/NDF : 565561.3/4

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: 3566.858+/-2425.841 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

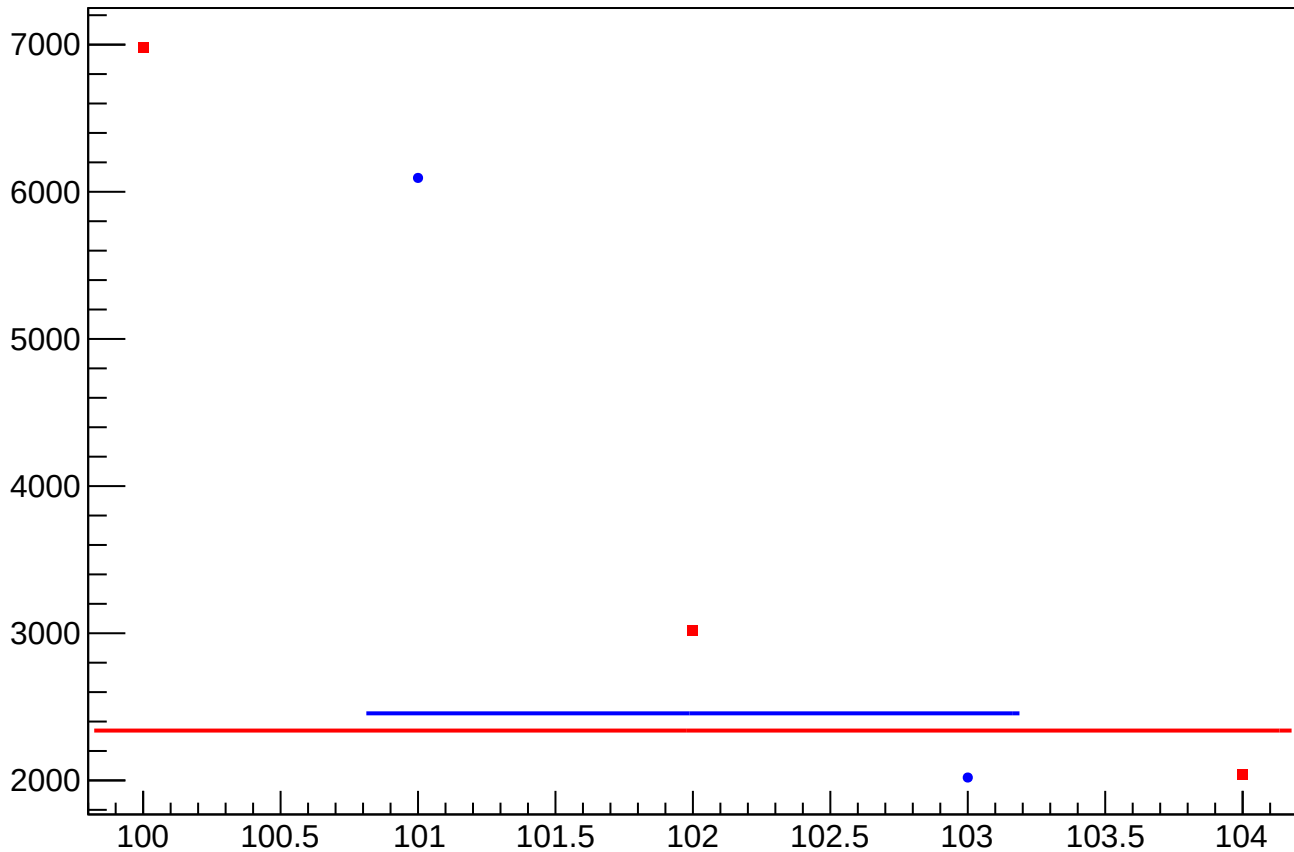
Right: 2465.928+/-1728.238 χ^2/NDF : 2.5/4

In: 1331.222+/-2462.772 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2465.928+/-1728.238 χ^2/NDF : 2.5/4

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: 2338.749+/-1.715 χ^2/NDF : 126652.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

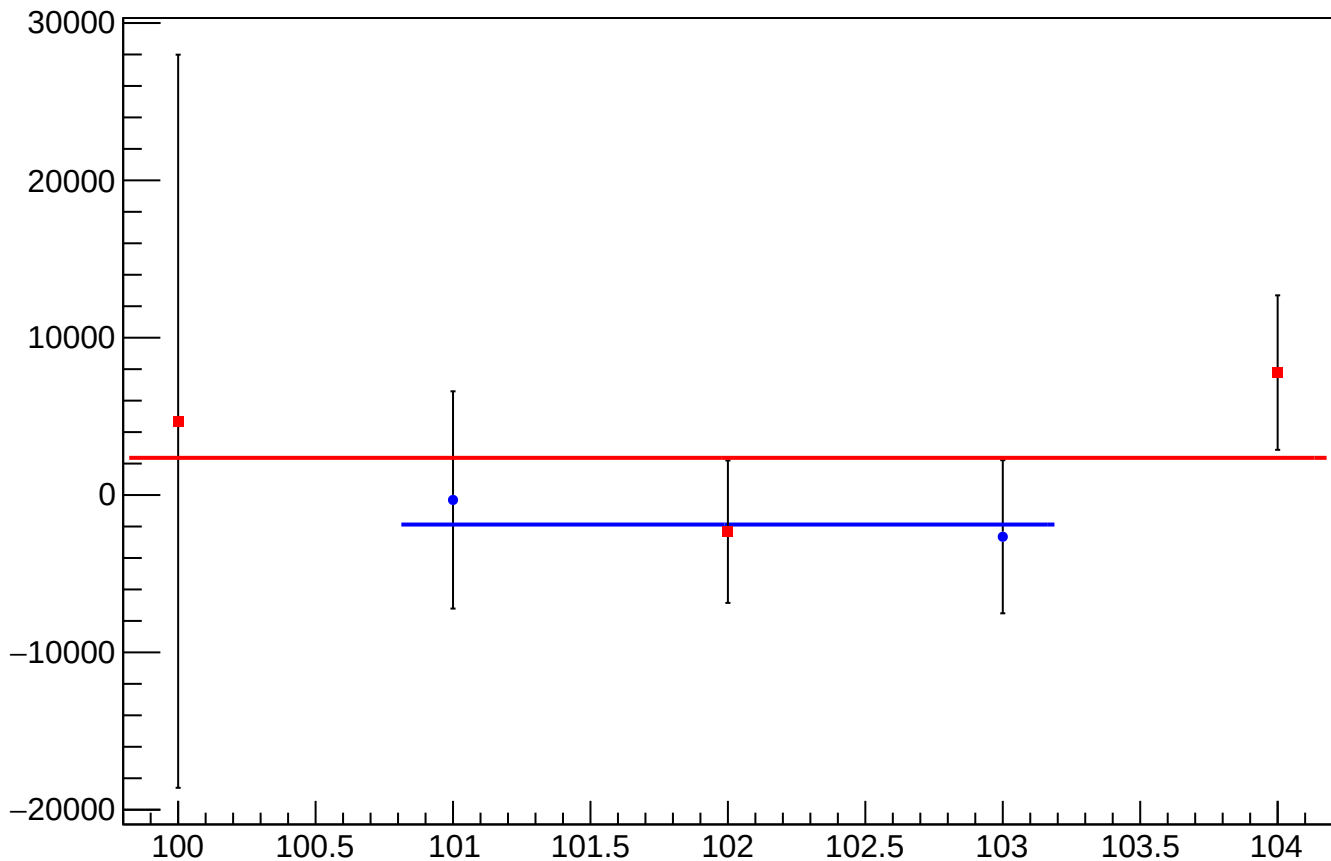
Right: 2396.374+/-1.222 χ^2/NDF : 652263.5/4

In: 2455.770+/-1.741 χ^2/NDF : 523319.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.374+/-1.222 χ^2/NDF : 652263.5/4

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: 2364.497+/-3294.126 χ^2 /NDF: 2.3/2

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

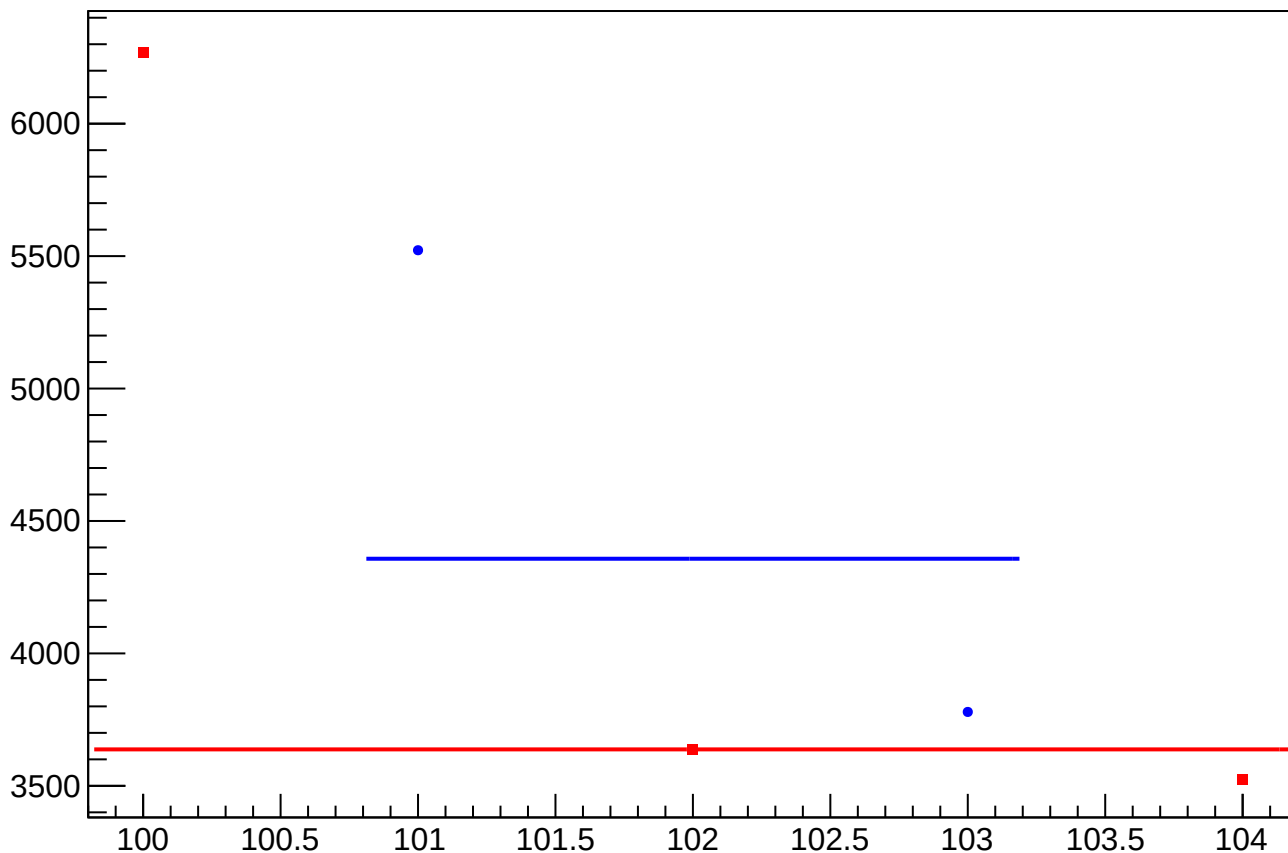
Right: 639.644+/-2536.954 χ^2 /NDF: 3.1/4

In: -1874.755+/-3977.235 χ^2 /NDF: 0.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 639.644+/-2536.954 χ^2 /NDF: 3.1/4

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: 3637.643+/-2.329 χ^2/NDF : 26643.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

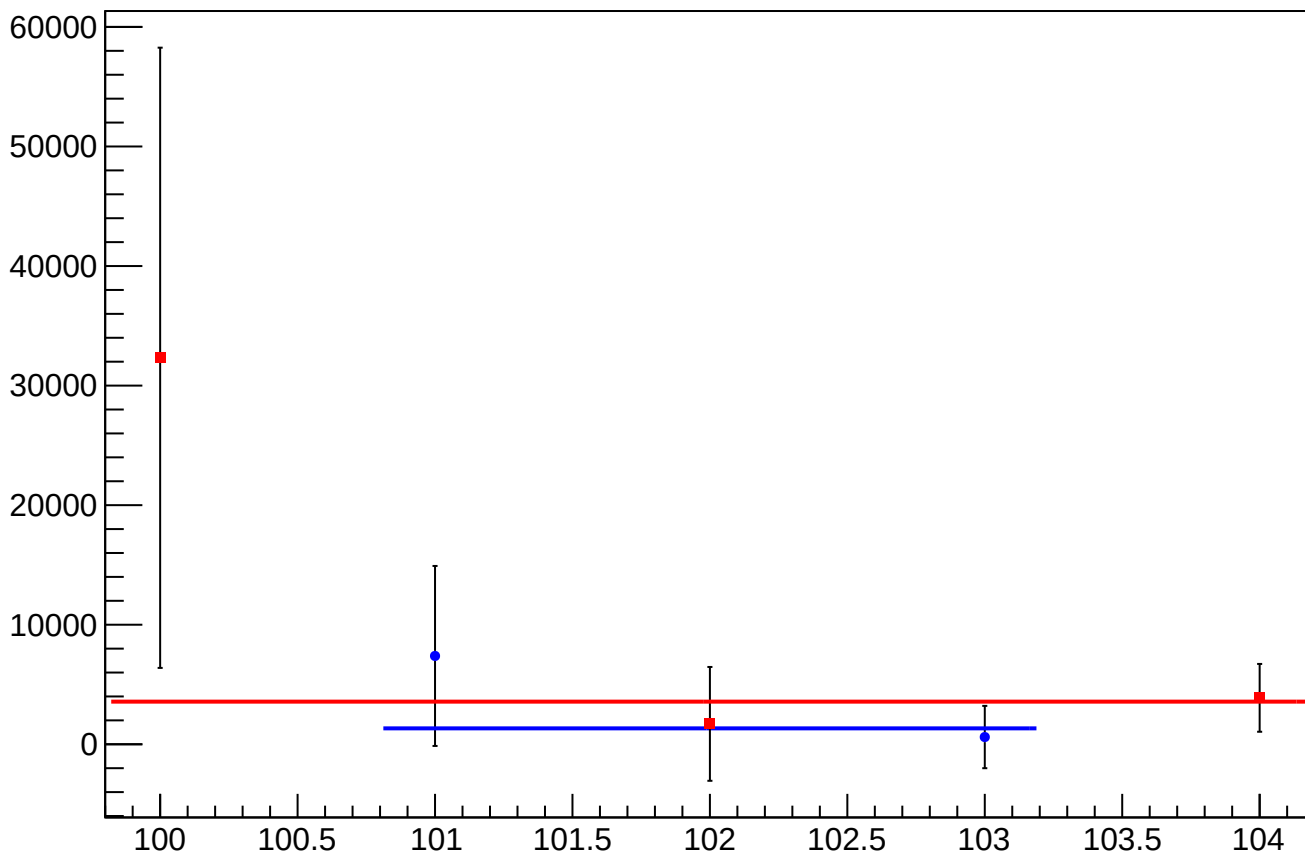
Right: 3930.511+/-1.794 χ^2/NDF : 150674.3/4

In: 4357.438+/-2.812 χ^2/NDF : 85177.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3930.511+/-1.794 χ^2/NDF : 150674.3/4

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: 3566.850+/-2425.839 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

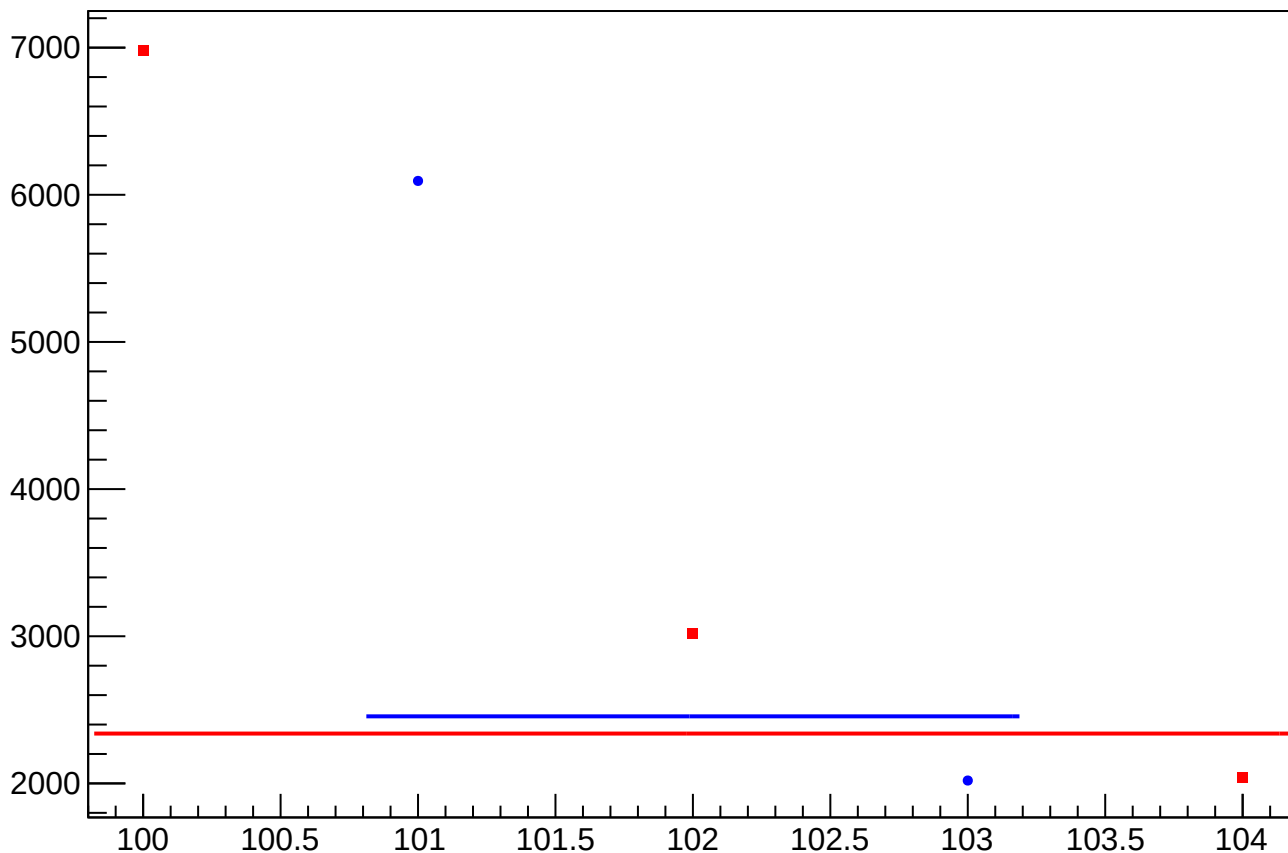
Right: 2465.921+/-1728.237 χ^2/NDF : 2.5/4

In: 1331.215+/-2462.771 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2465.921+/-1728.237 χ^2/NDF : 2.5/4

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: 2338.747+/-1.715 χ^2/NDF : 126652.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

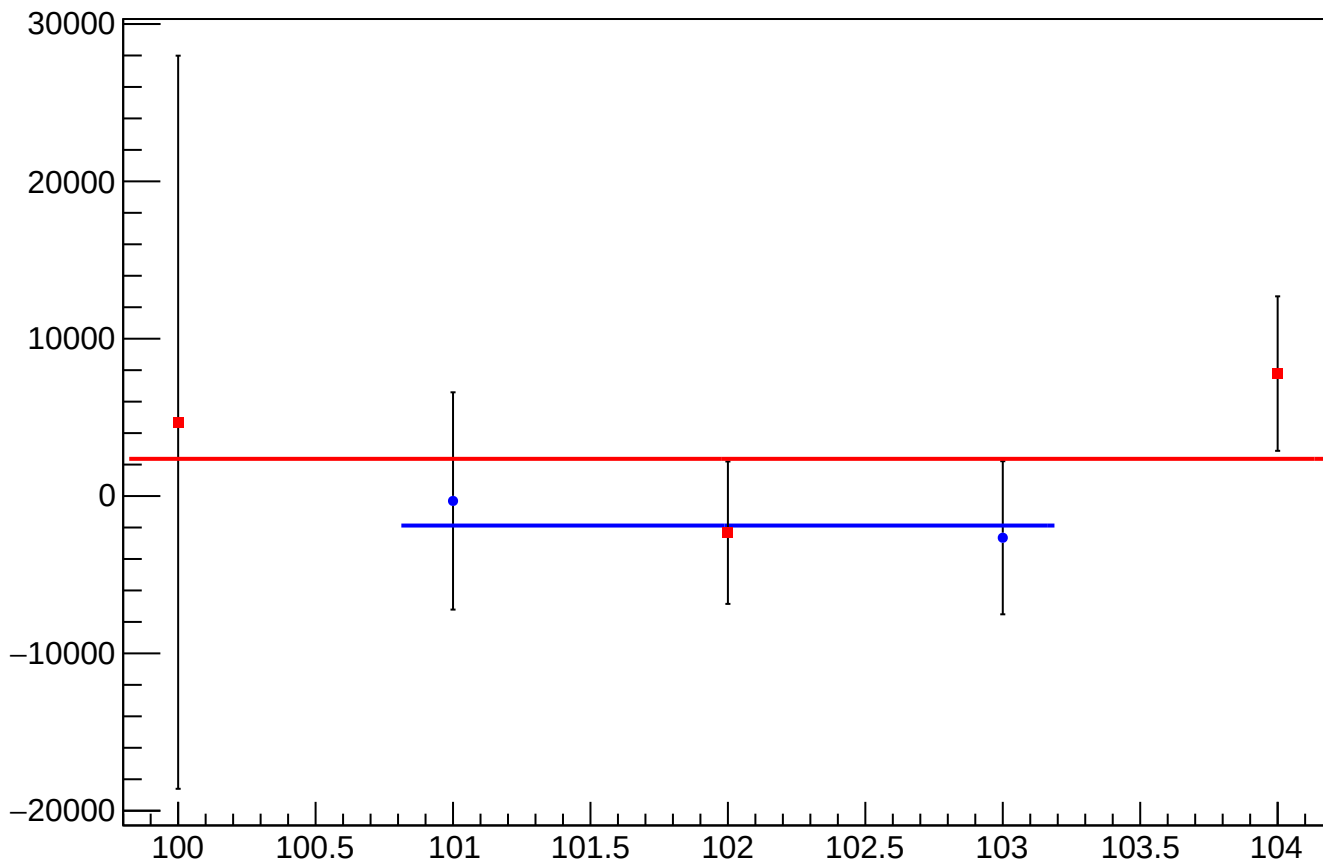
Right: 2396.372+/-1.222 χ^2/NDF : 652264.0/4

In: 2455.768+/-1.741 χ^2/NDF : 523320.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2396.372+/-1.222 χ^2/NDF : 652264.0/4

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: 2364.495+/-3294.123 χ^2/NDF : 2.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

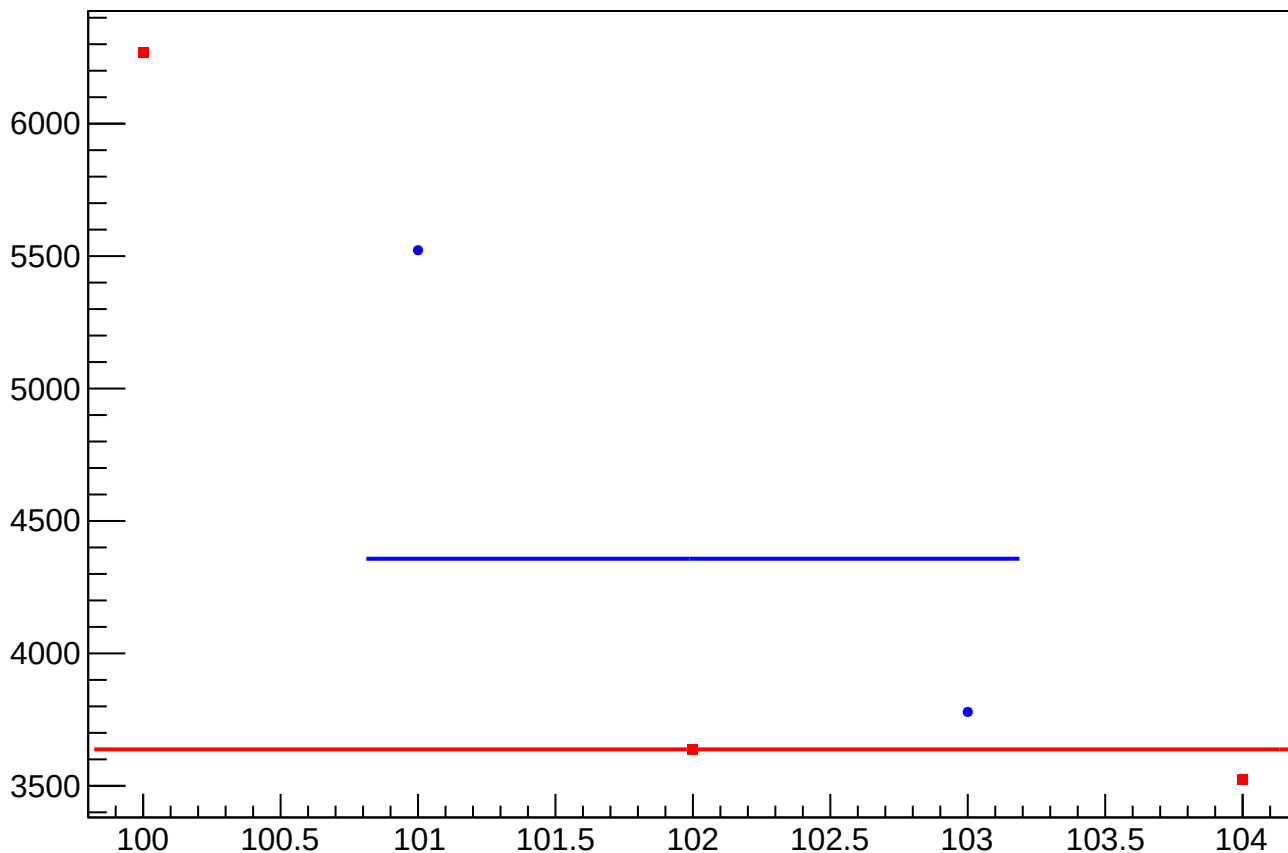
Right: 639.638+/-2536.952 χ^2/NDF : 3.1/4

In: -1874.766+/-3977.231 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.638+/-2536.952 χ^2/NDF : 3.1/4

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: 3637.640+/-2.329 χ^2/NDF : 26643.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

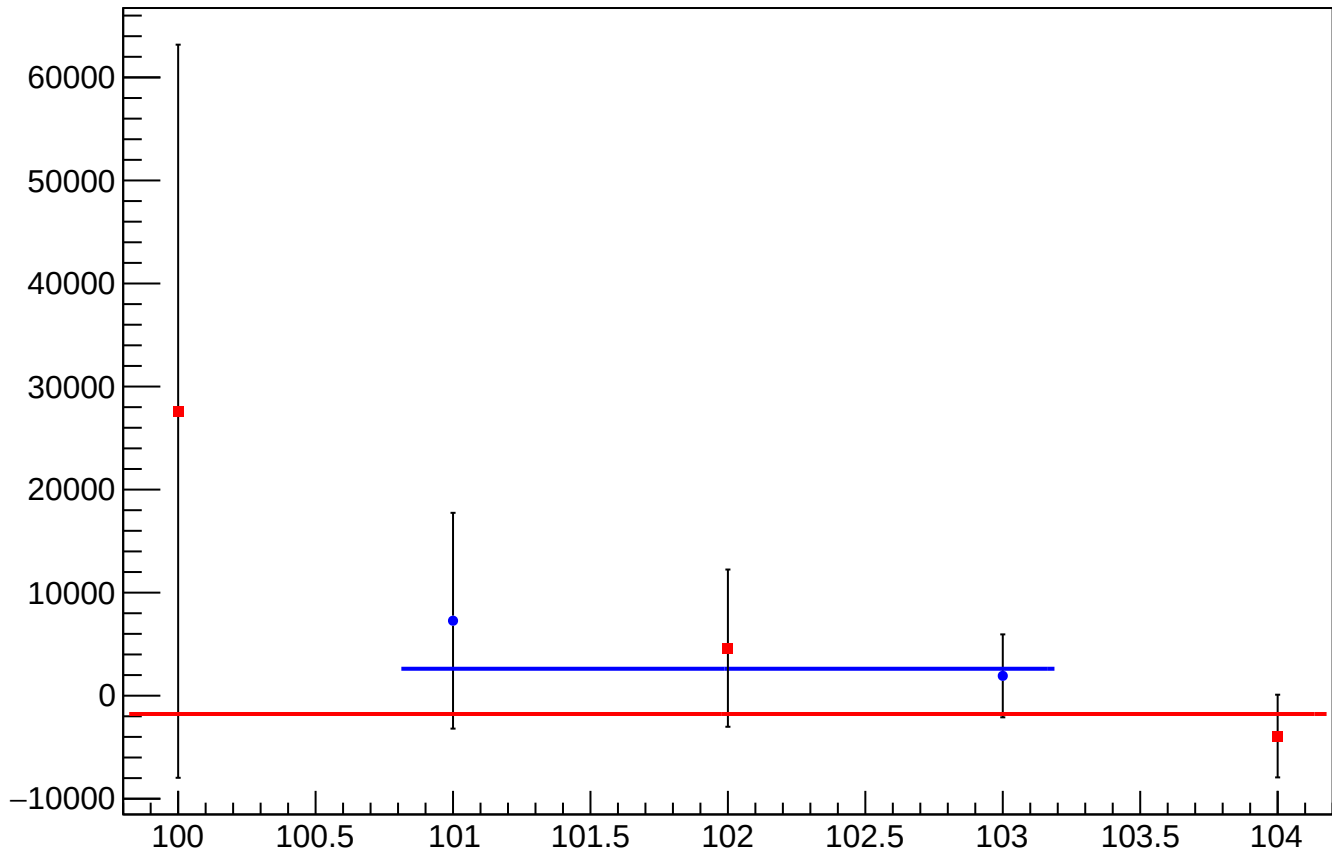
Right: 3930.508+/-1.794 χ^2/NDF : 150674.0/4

In: 4357.435+/-2.812 χ^2/NDF : 85177.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3930.508+/-1.794 χ^2/NDF : 150674.0/4

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: -1776.526+/-3533.672 χ^2/NDF : 1.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

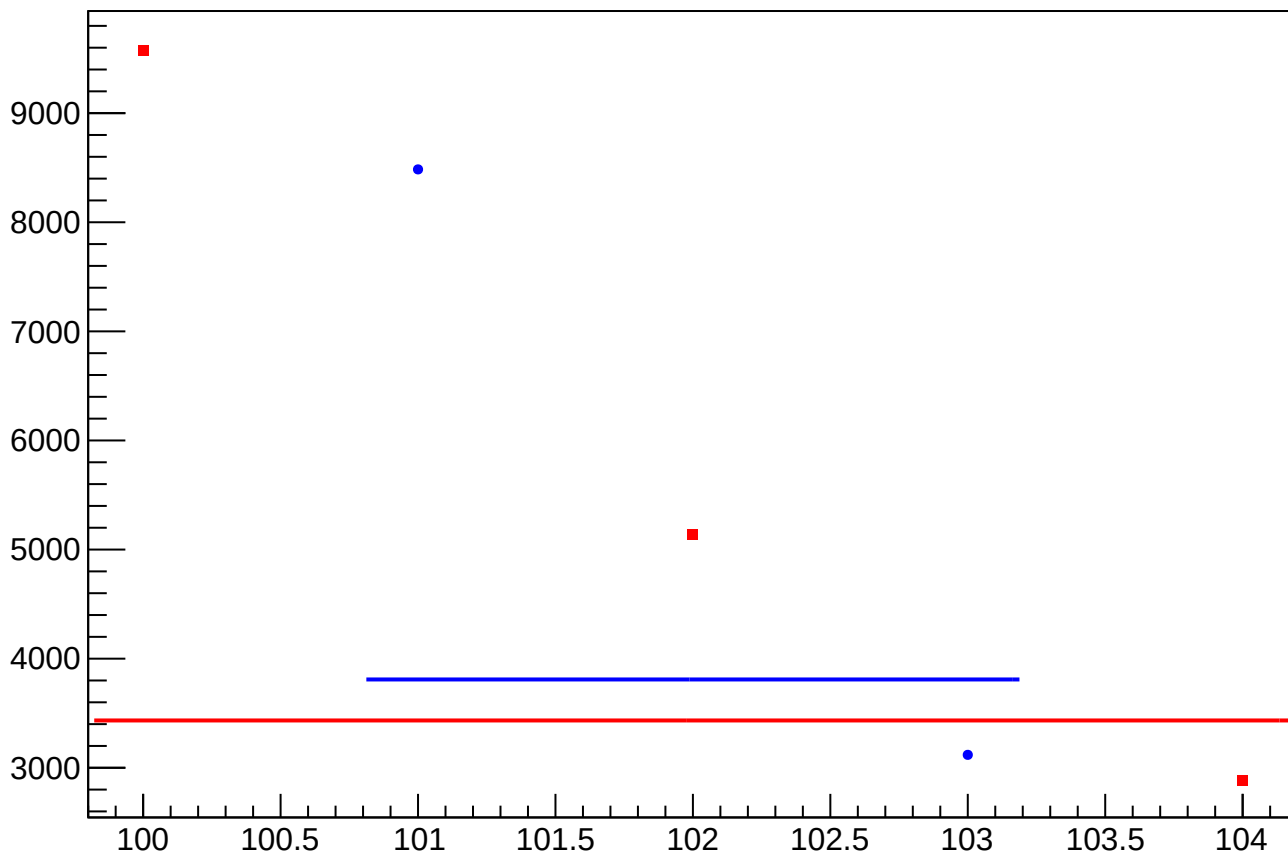
Right: 283.979+/-2574.040 χ^2/NDF : 2.6/4

In: 2613.256+/-3757.075 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.979+/-2574.040 χ^2/NDF : 2.6/4

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: 3433.616+/-2.499 χ^2/NDF : 197279.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

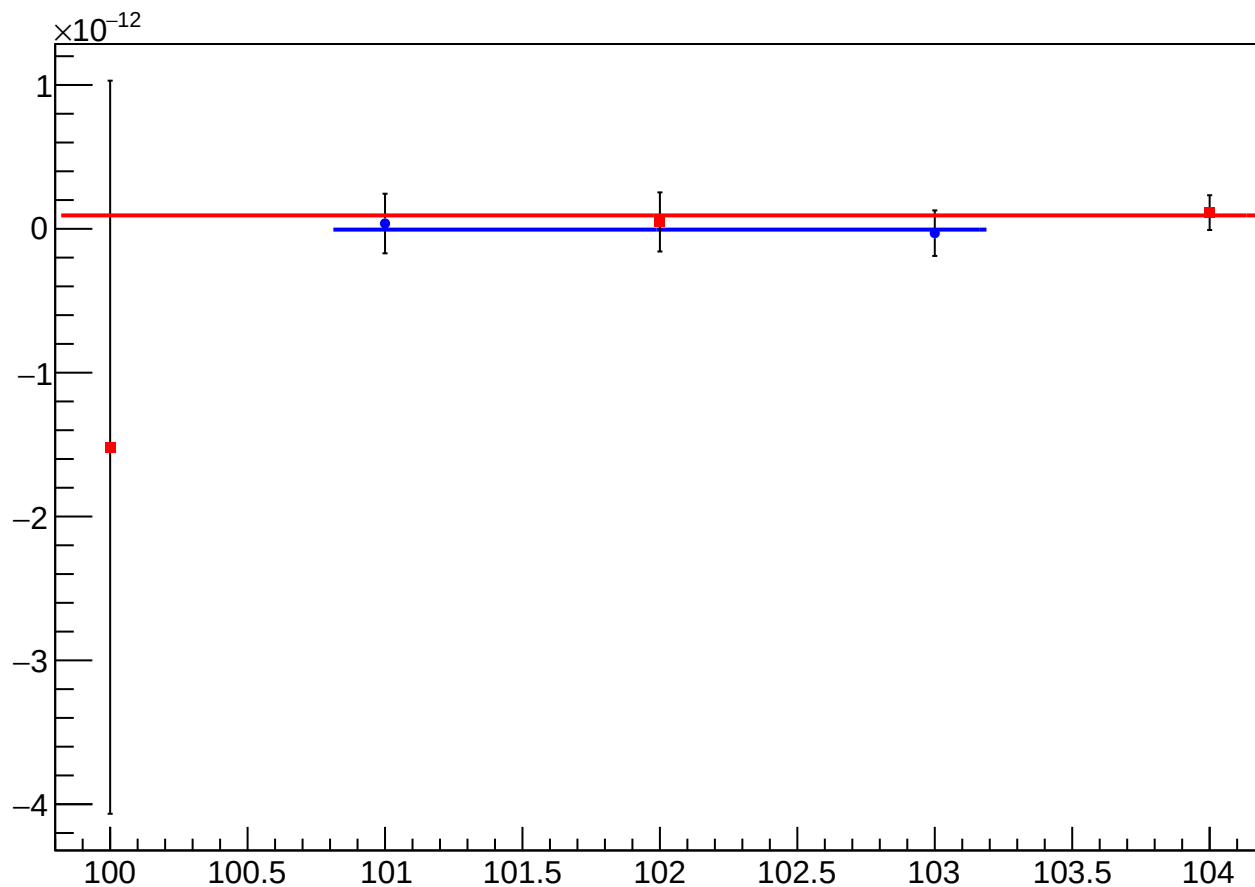
Right: 3609.988+/-1.820 χ^2/NDF : 665558.6/4

In: 3809.386+/-2.657 χ^2/NDF : 457662.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3609.988+/-1.820 χ^2/NDF : 665558.6/4

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 : 0.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

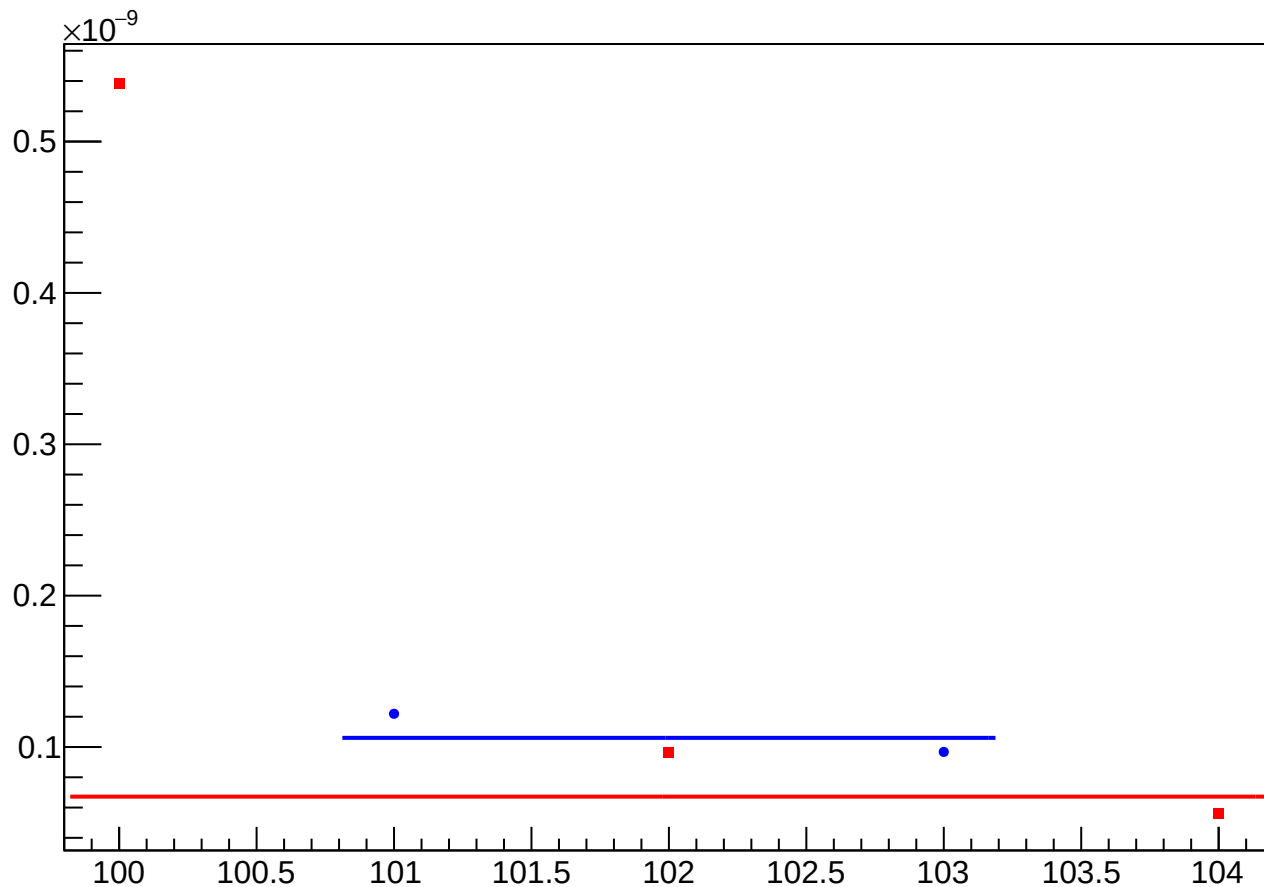
Right: 0.000+/-0.000 χ^2/NDF : 0.9/4

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 : 0.9/4

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 : 126777.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

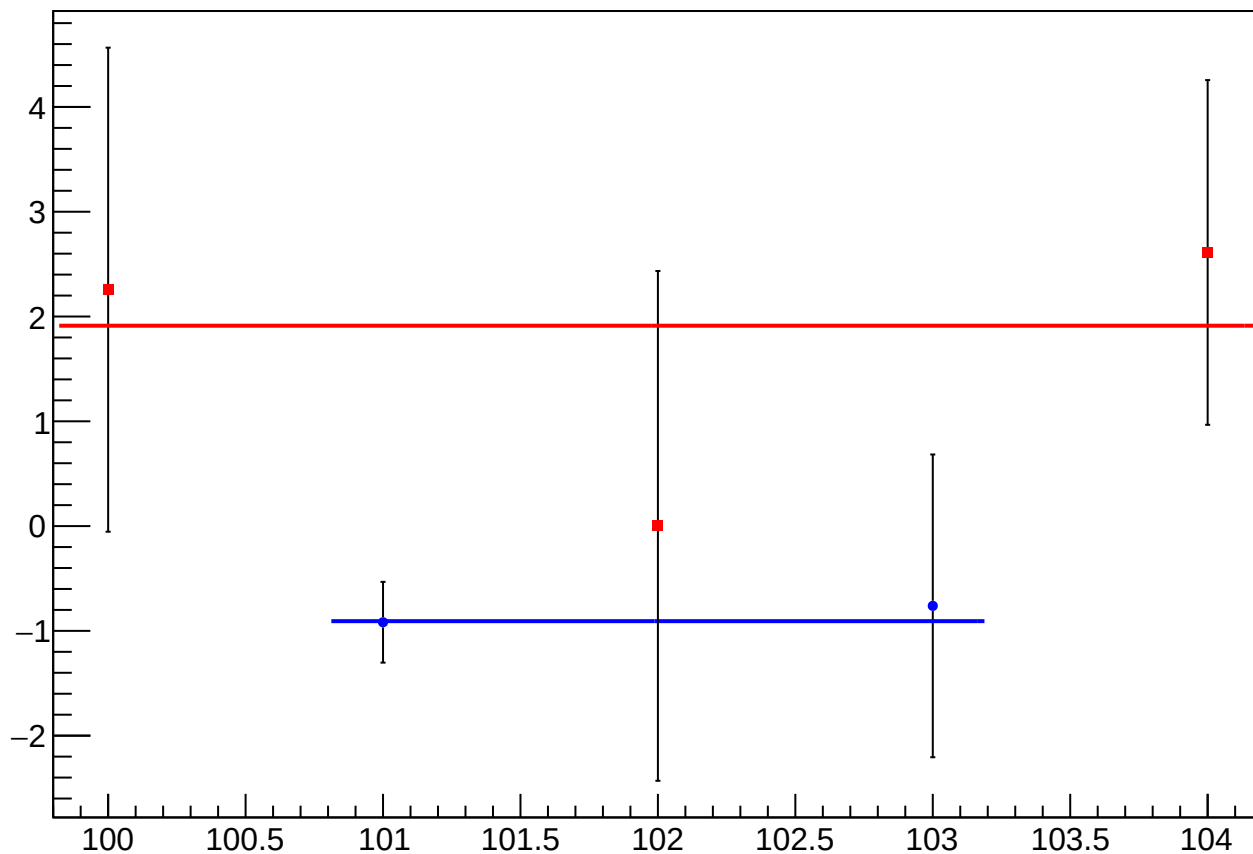
Right: 0.000+/-0.000 χ^2/NDF : 258626.1/4

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 : 258626.1/4

asym_atr_avg_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: 1.912±/1.174 χ^2 /NDF: 0.8/2

Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

Left: 0.000±/0.000 χ^2 /NDF: 0.0/0

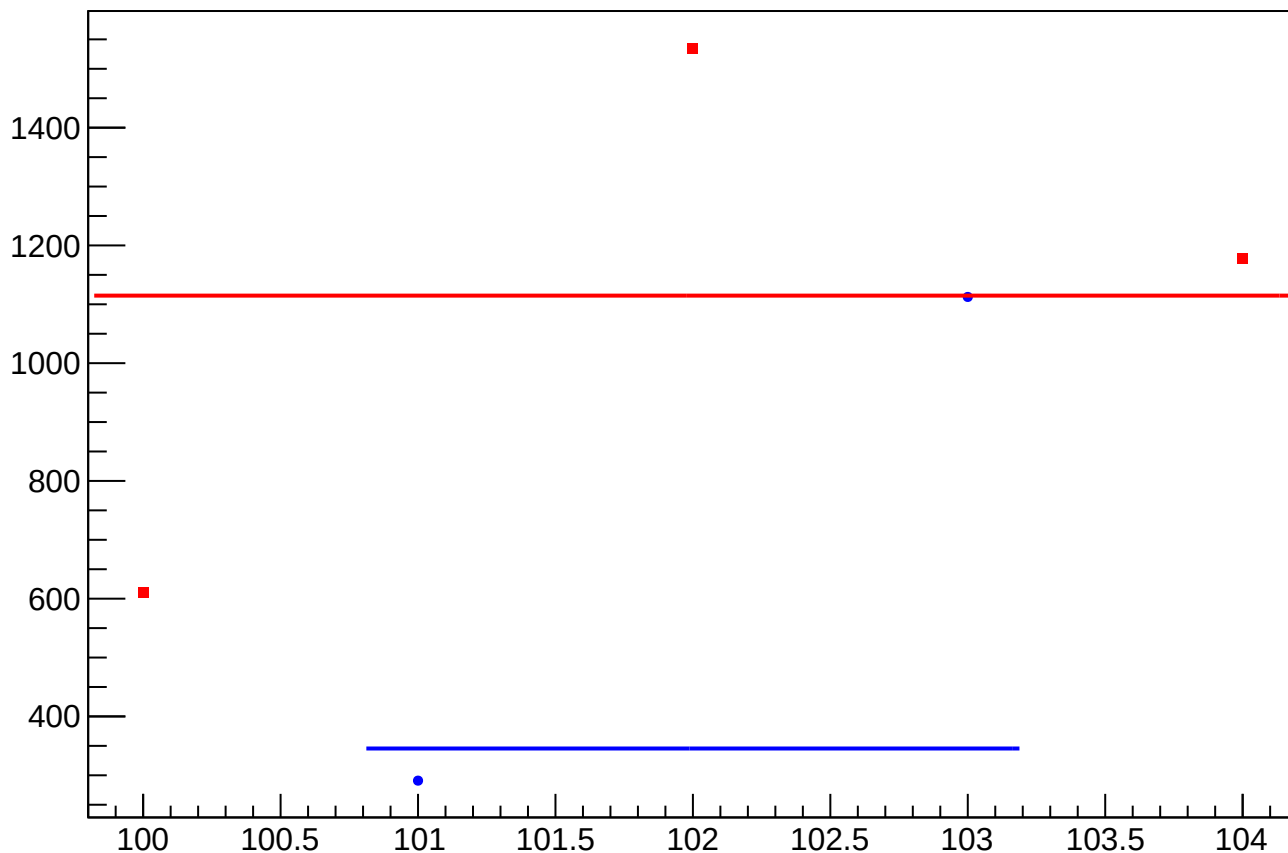
Right: -0.649±/0.355 χ^2 /NDF: 6.1/4

In: -0.907±/0.372 χ^2 /NDF:0.0/1

Out: 0.000±/0.000 χ^2 /NDF:0.0/0

All: -0.649±/0.355 χ^2 /NDF: 6.1/4

asym_atr_avg_dit_vs_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: 1114.745+/-0.830 χ^2/NDF : 157633.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

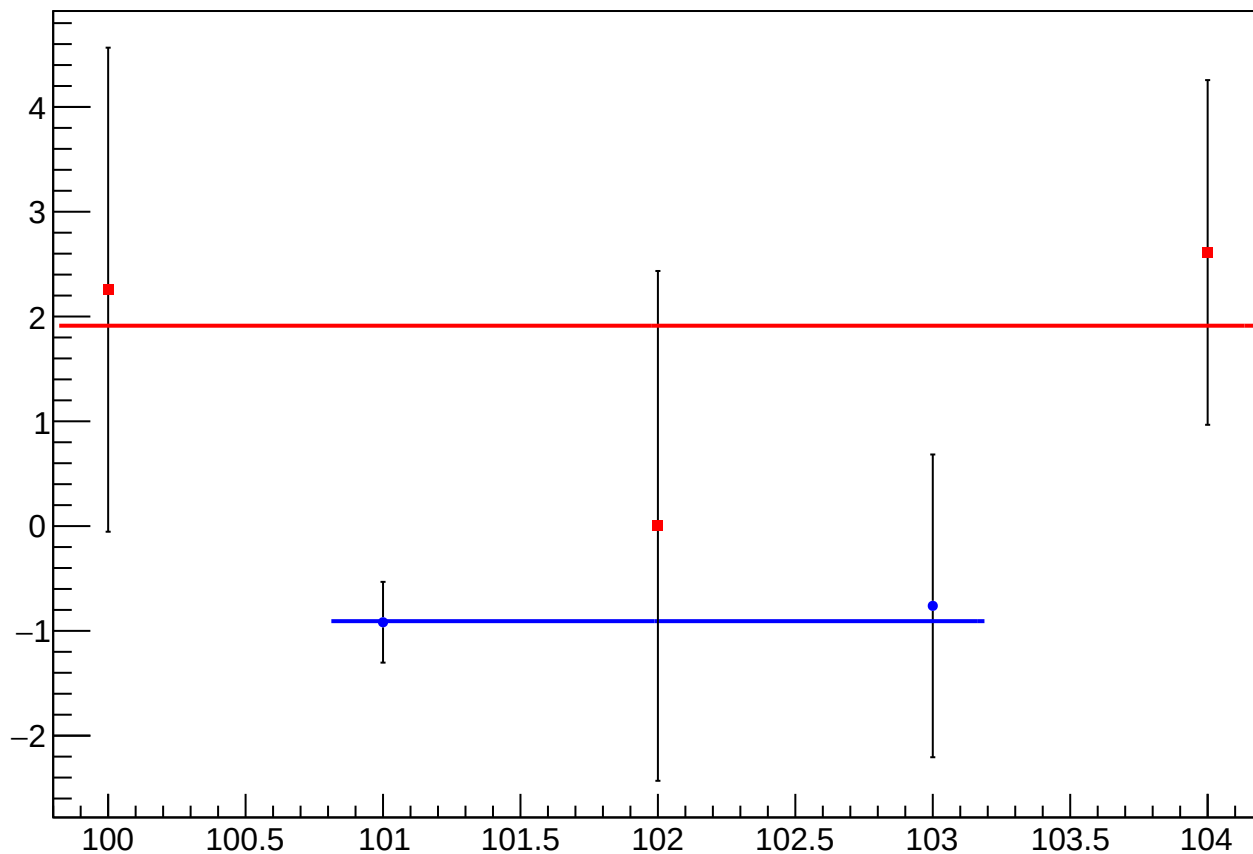
Right: 415.871+/-0.251 χ^2/NDF : 1542122.0/4

In: 345.517+/-0.263 χ^2/NDF : 603874.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.871+/-0.251 χ^2/NDF : 1542122.0/4

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 $\pm$ 0.372 χ^2 /NDF: 0.0/1

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

Right Out: 1.912 $\pm$ 1.174 χ^2 /NDF: 0.8/2

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

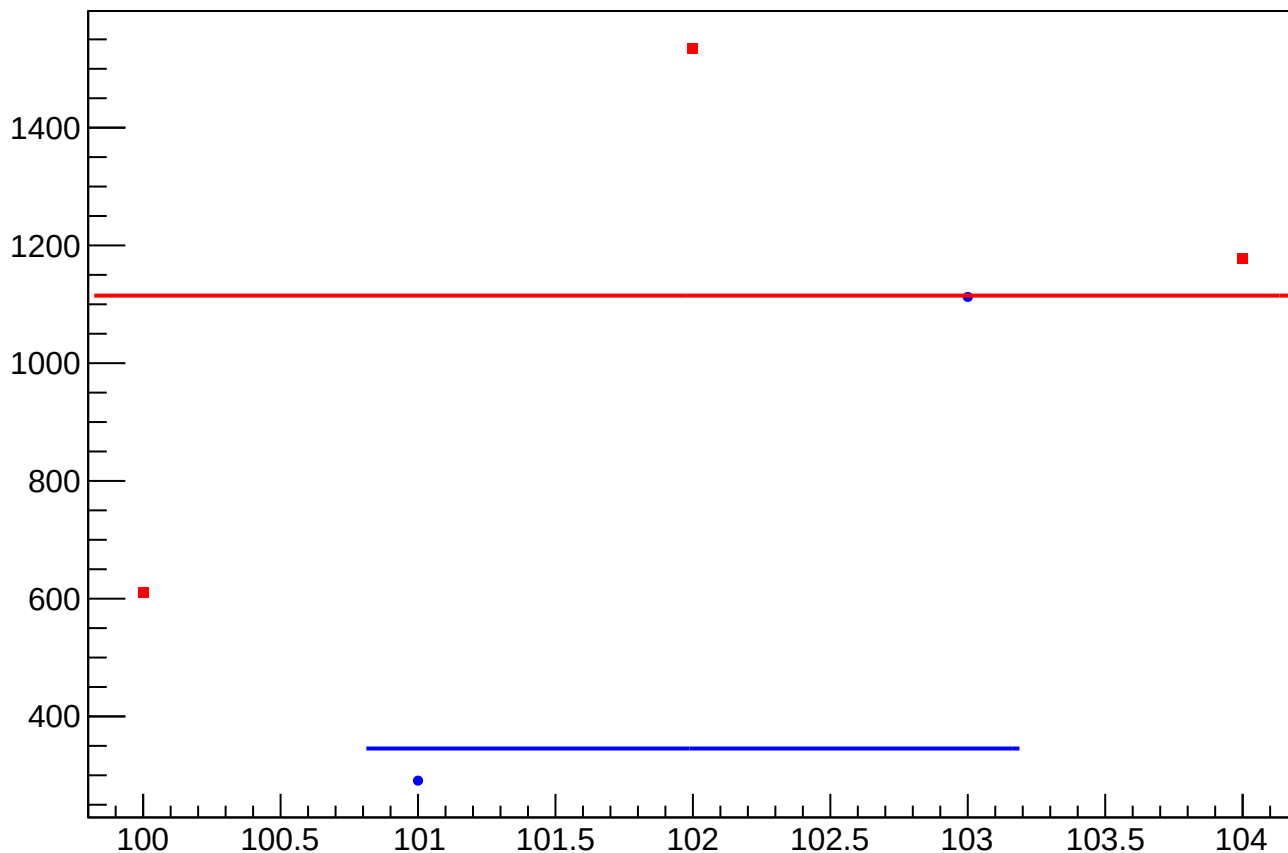
Right: -0.649 $\pm$ 0.355 χ^2 /NDF: 6.1/4

In: -0.907 $\pm$ 0.372 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.649 $\pm$ 0.355 χ^2 /NDF: 6.1/4

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: 1114.745+/-0.830 χ^2/NDF : 157633.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

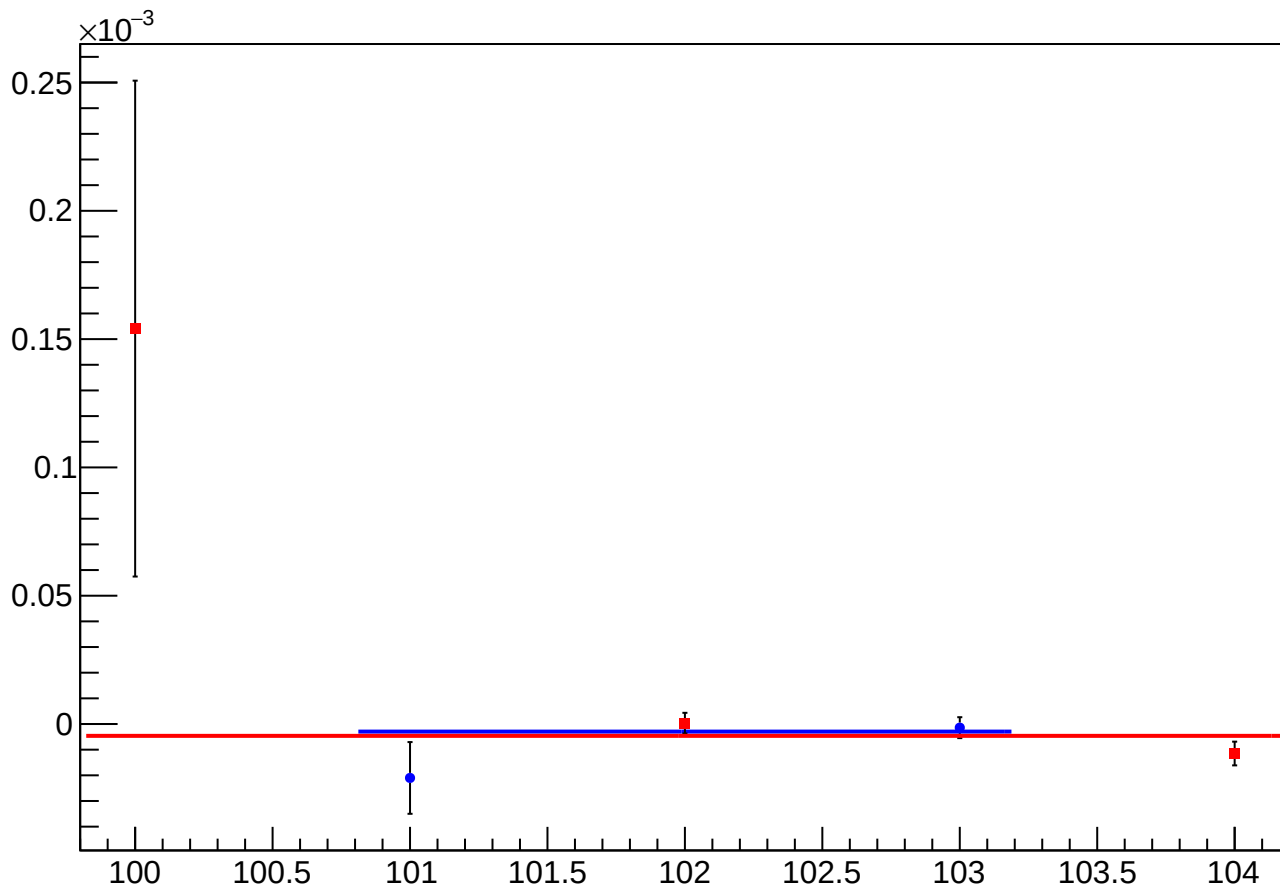
Right: 415.871+/-0.251 χ^2/NDF : 1542122.0/4

In: 345.517+/-0.263 χ^2/NDF : 603874.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.871+/-0.251 χ^2/NDF : 1542122.0/4

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 : 6.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

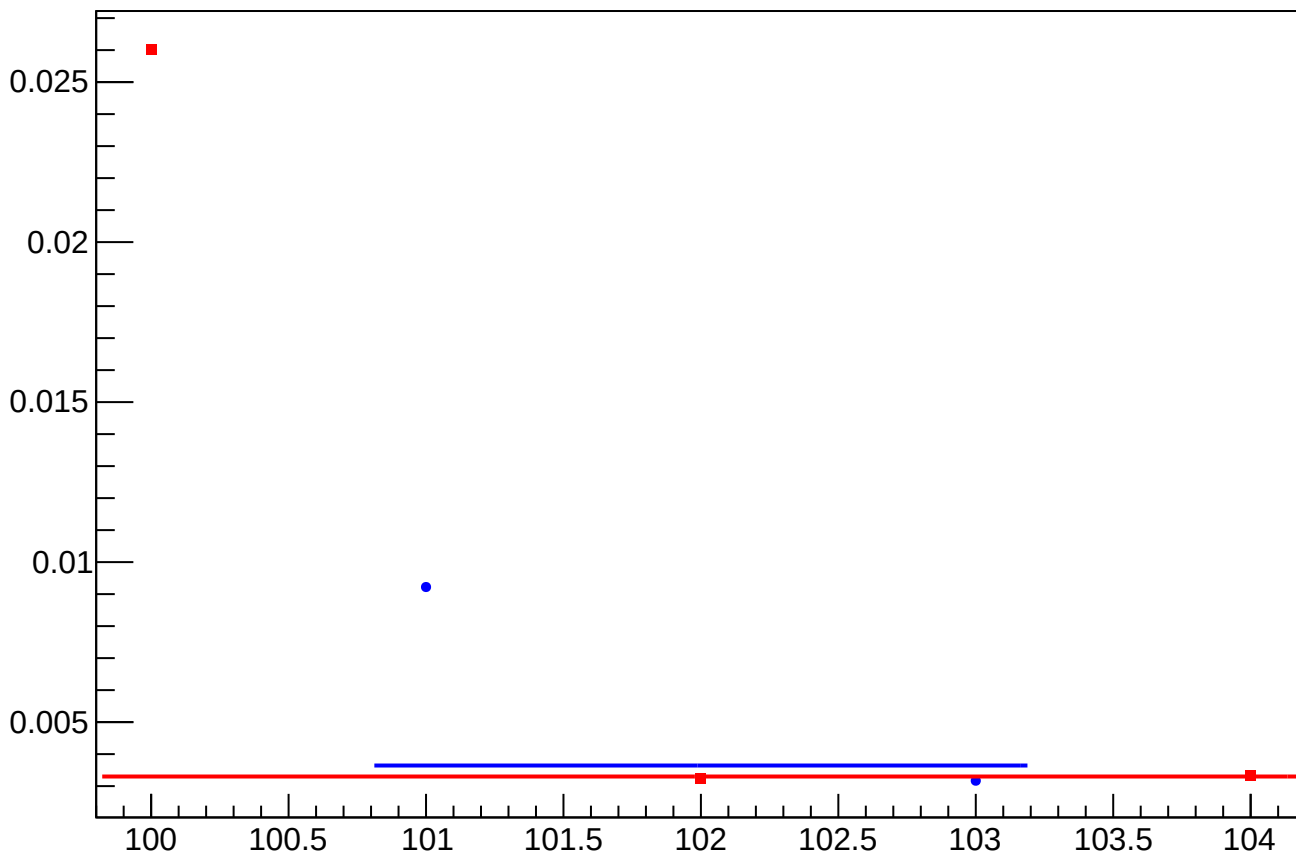
Right: -0.000+/-0.000 χ^2/NDF : 8.3/4

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 : 8.3/4

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 : 110954.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

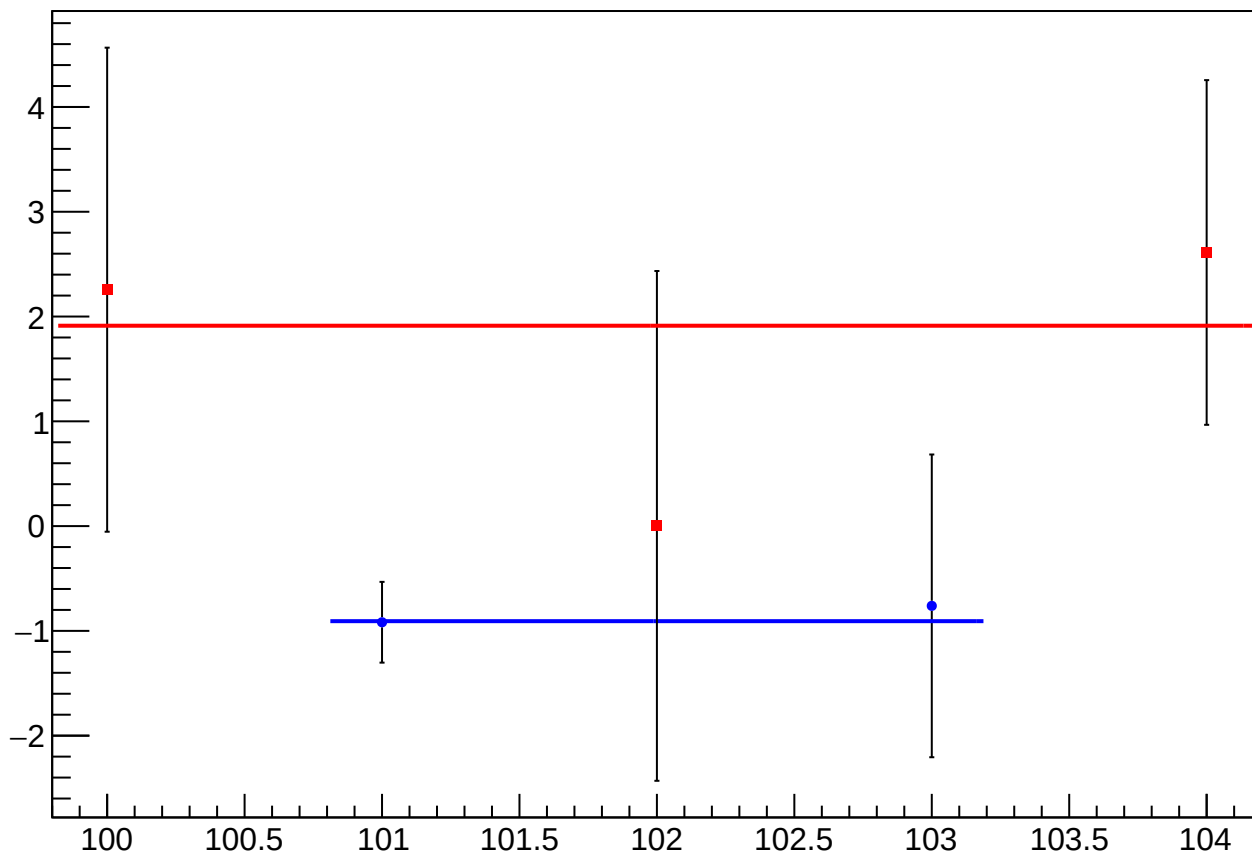
Right: 0.003+/-0.000 χ^2/NDF : 466222.3/4

In: 0.004+/-0.000 χ^2/NDF : 345648.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 466222.3/4

asym_atr_avg_eigen_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: 1.912 ± 1.174 $\chi^2/\text{NDF}: 0.8/2$

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

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

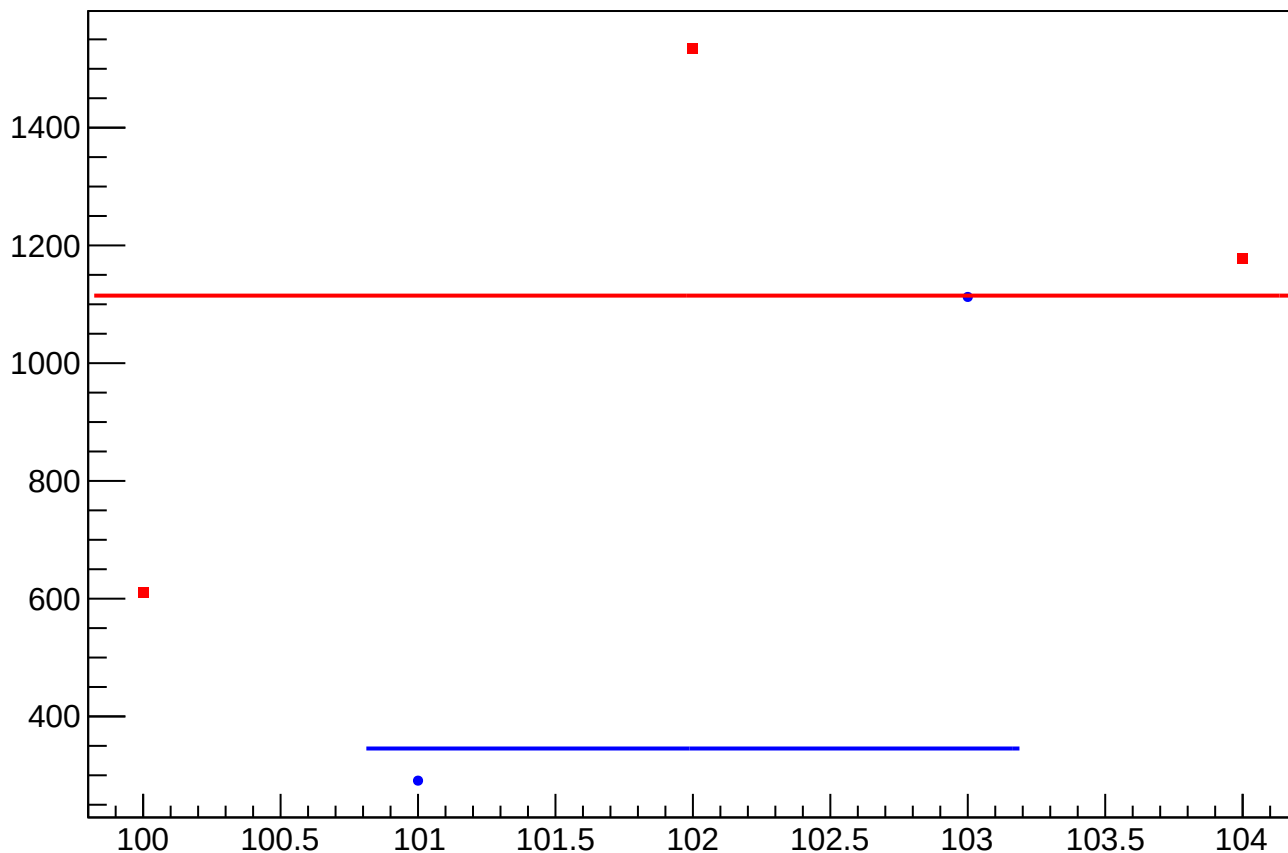
Right: -0.649 ± 0.355 $\chi^2/\text{NDF}: 6.1/4$

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: -0.649 ± 0.355 $\chi^2/\text{NDF}: 6.1/4$

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: 1114.756+/-0.830 χ^2/NDF : 157619.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

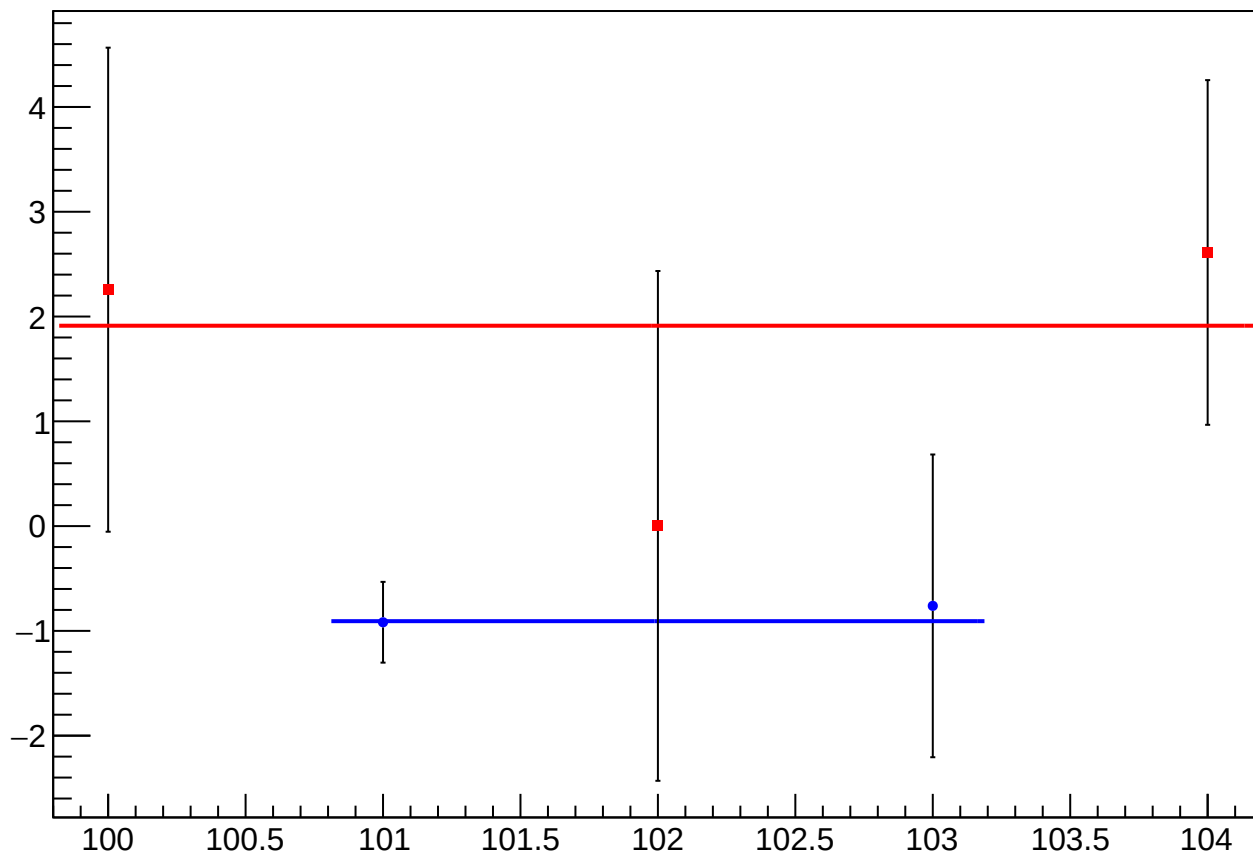
Right: 415.874+/-0.251 χ^2/NDF : 1542113.9/4

In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.874+/-0.251 χ^2/NDF : 1542113.9/4

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.907 ± 0.372 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 1.912 ± 1.174 $\chi^2/\text{NDF}: 0.8/2$

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

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

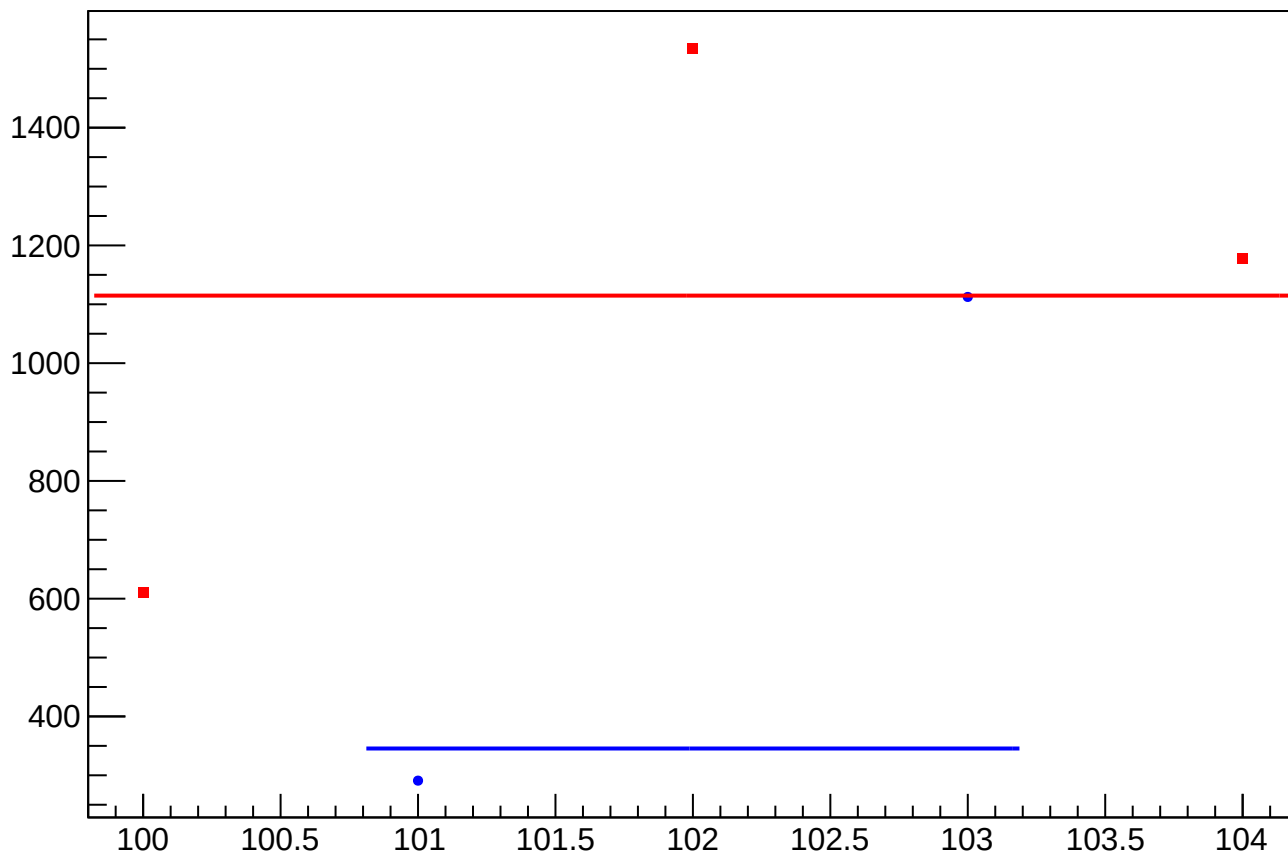
Right: -0.649 ± 0.355 $\chi^2/\text{NDF}: 6.1/4$

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: -0.649 ± 0.355 $\chi^2/\text{NDF}: 6.1/4$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

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

Right Out: 1114.756+/-0.830 χ^2/NDF : 157619.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

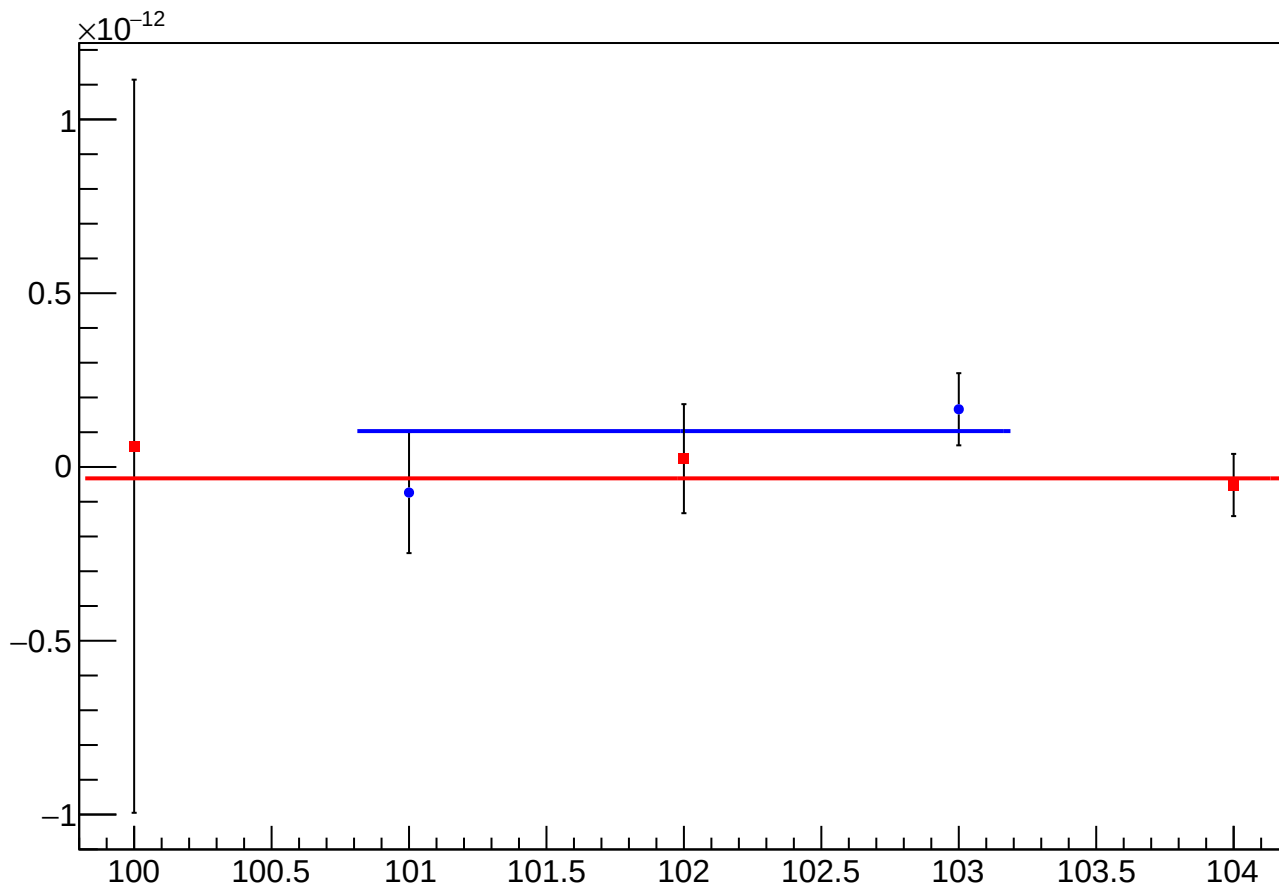
Right: 415.874+/-0.251 χ^2/NDF : 1542113.9/4

In: 345.518+/-0.263 χ^2/NDF : 603870.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 415.874+/-0.251 χ^2/NDF : 1542113.9/4

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 : 0.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

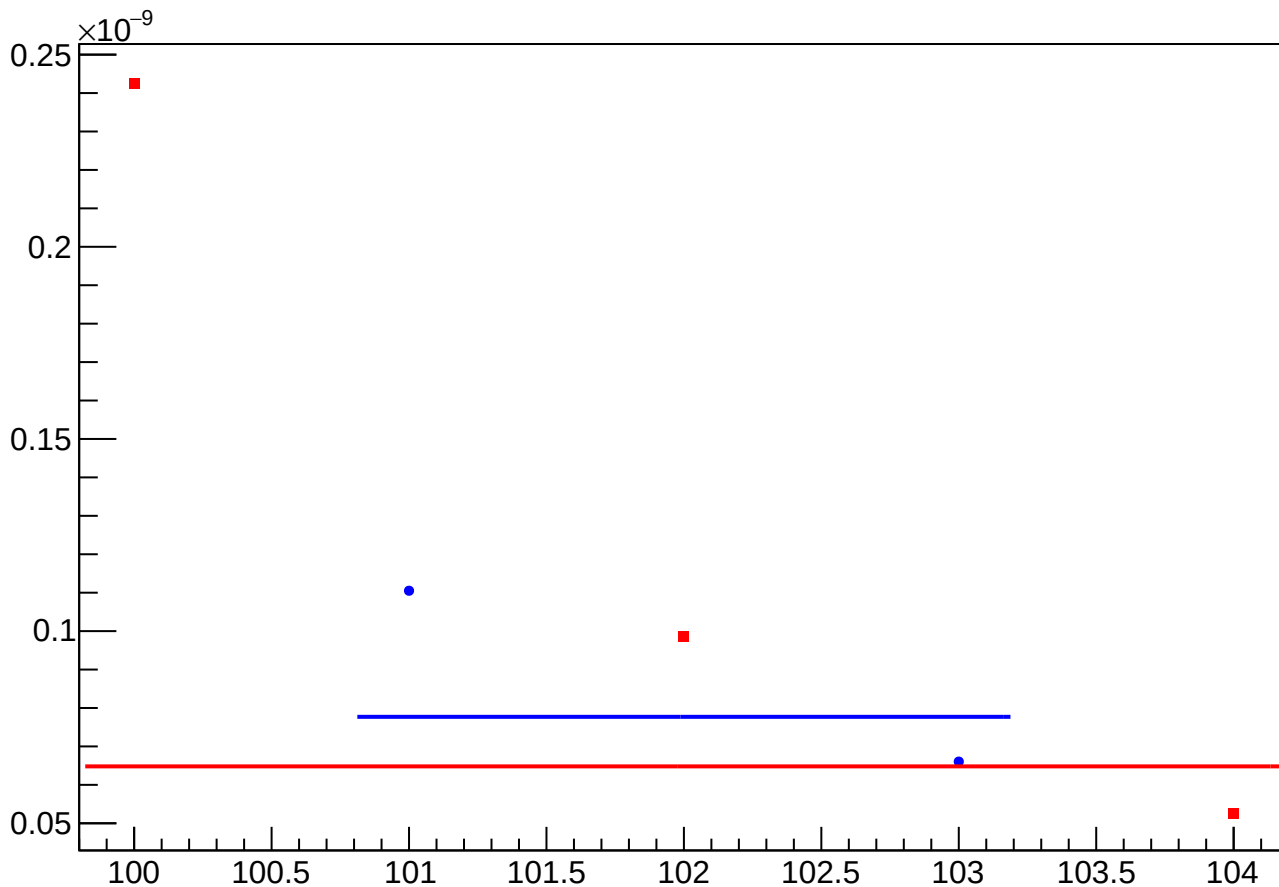
Right: 0.000+/-0.000 χ^2/NDF : 2.9/4

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 : 2.9/4

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 : 187164.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

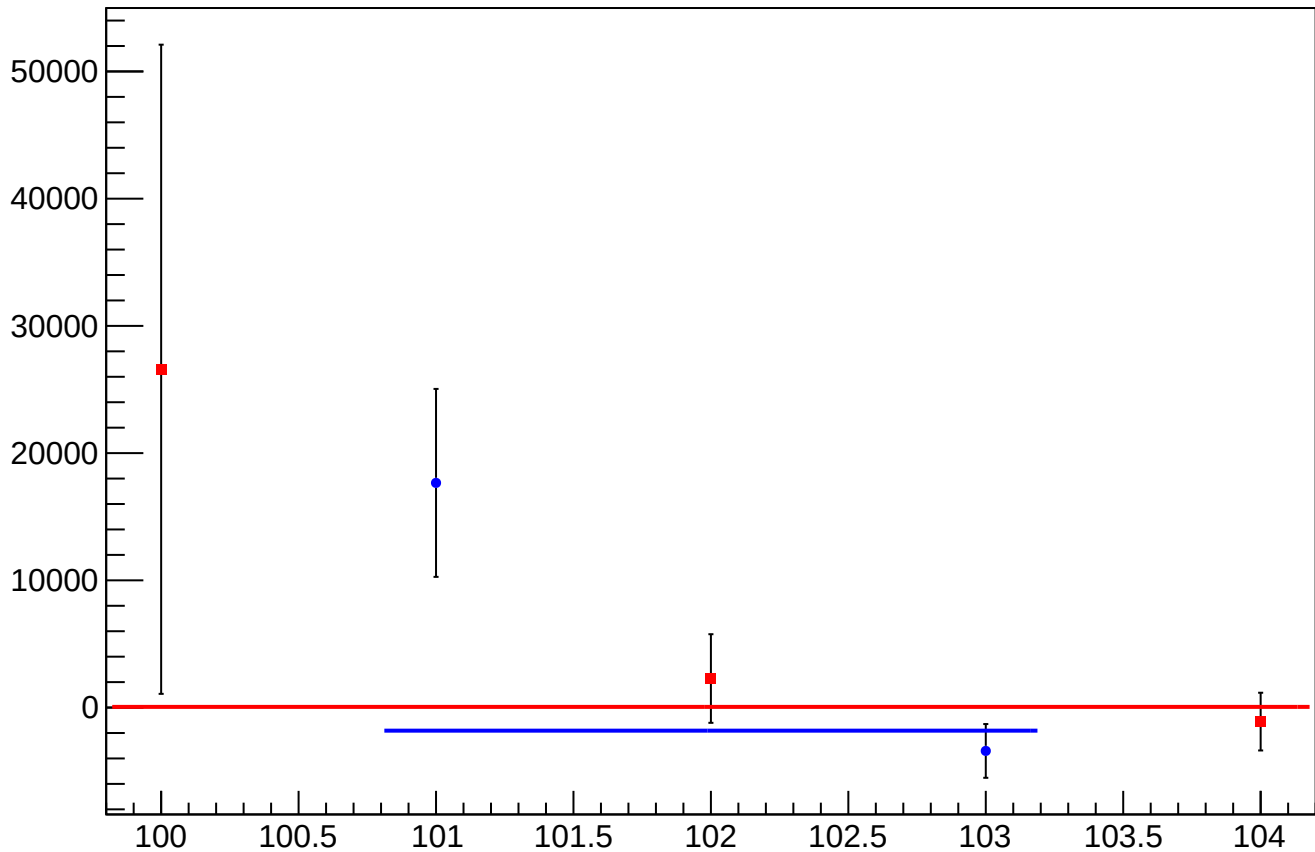
Right: 0.000+/-0.000 χ^2/NDF : 307112.1/4

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 : 307112.1/4

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: 53.078+/-1895.824 χ^2/NDF : 1.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

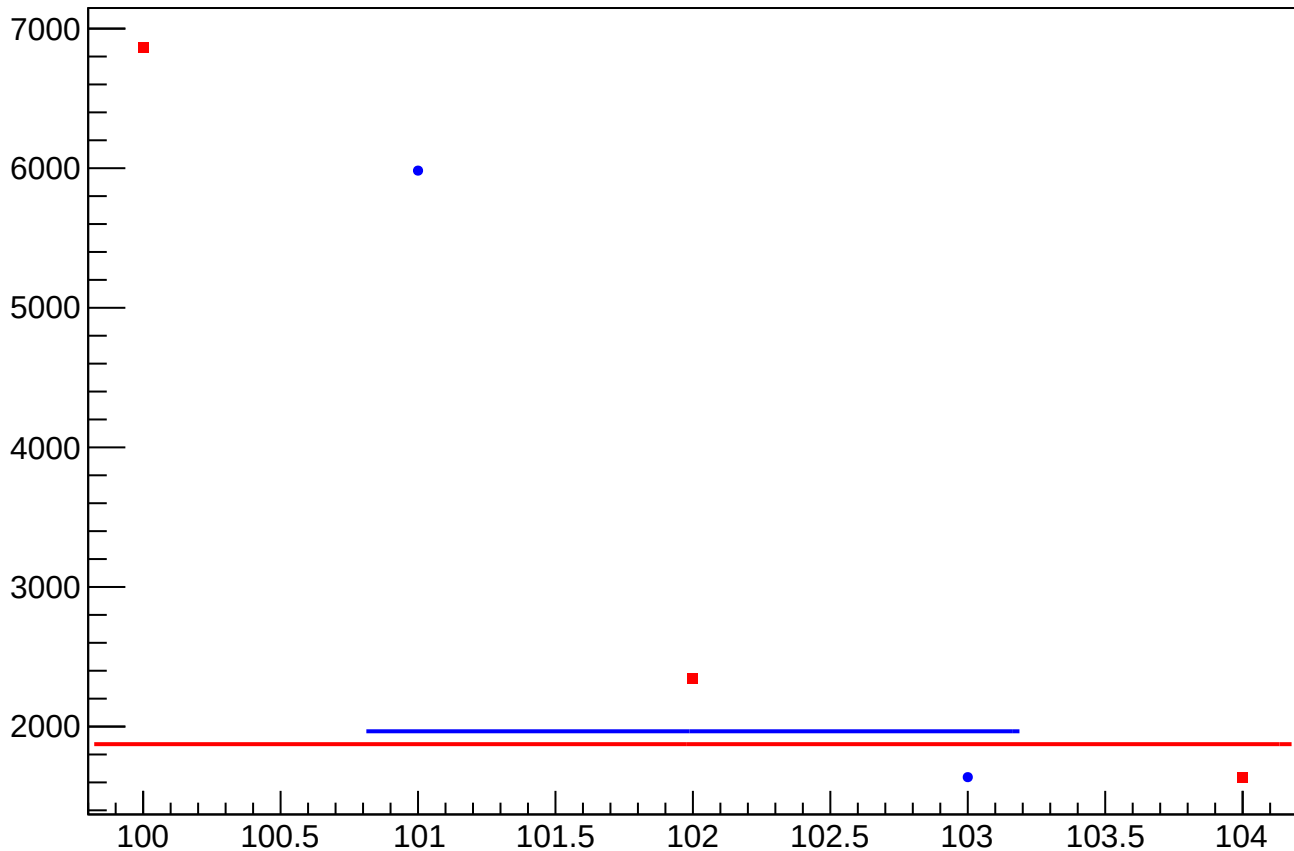
Right: -816.649+/-1385.945 χ^2/NDF : 9.7/4

In: -1815.039+/-2031.217 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.649+/-1385.945 χ^2/NDF : 9.7/4

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: 1873.996+/-1.341 χ^2/NDF : 135427.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

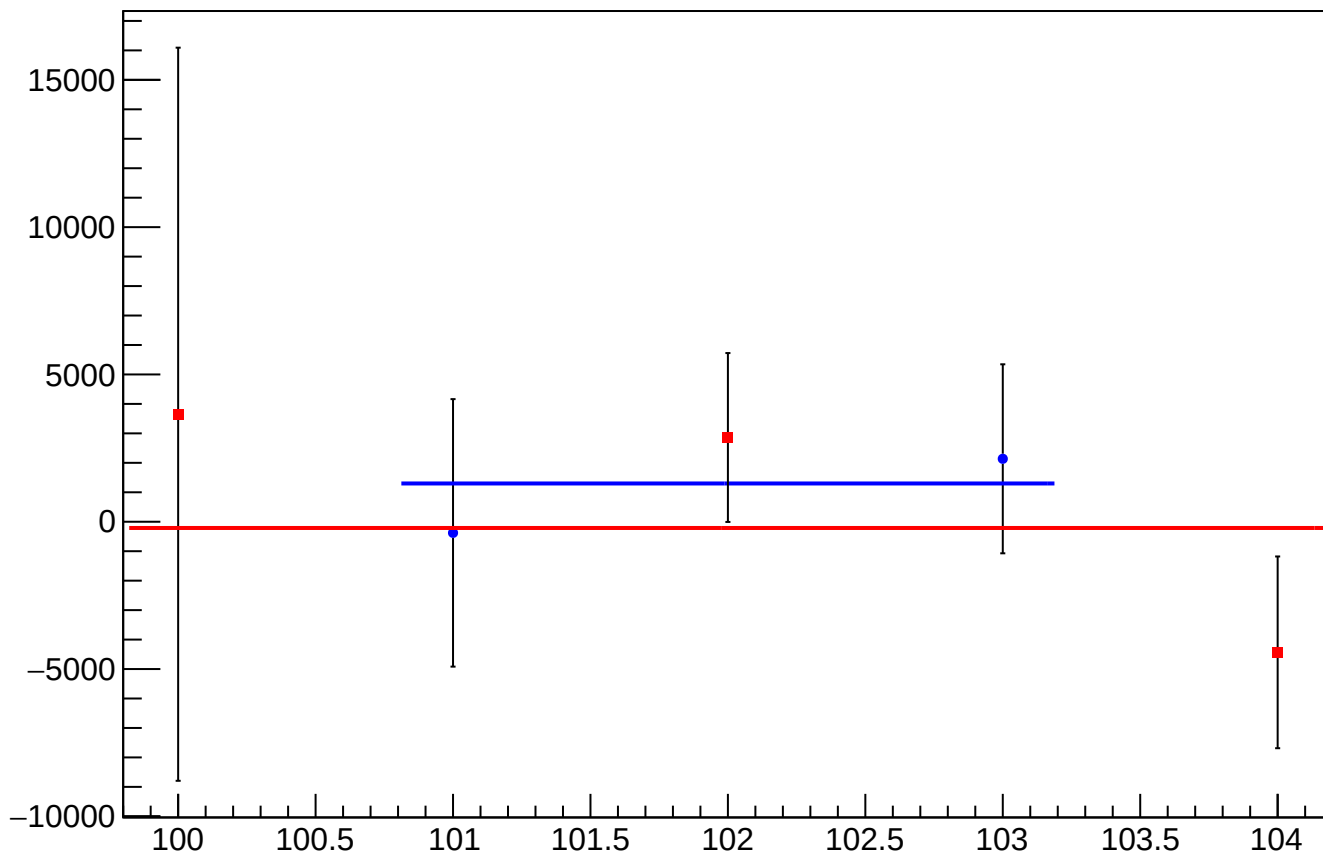
Right: 1916.926+/-0.980 χ^2/NDF : 777285.7/4

In: 1966.209+/-1.436 χ^2/NDF : 639655.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.926+/-0.980 χ^2/NDF : 777285.7/4

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1299.239+/-2620.017 χ^2/NDF : 0.2/1

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

Right Out: -211.468+/-2119.670 χ^2/NDF : 2.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

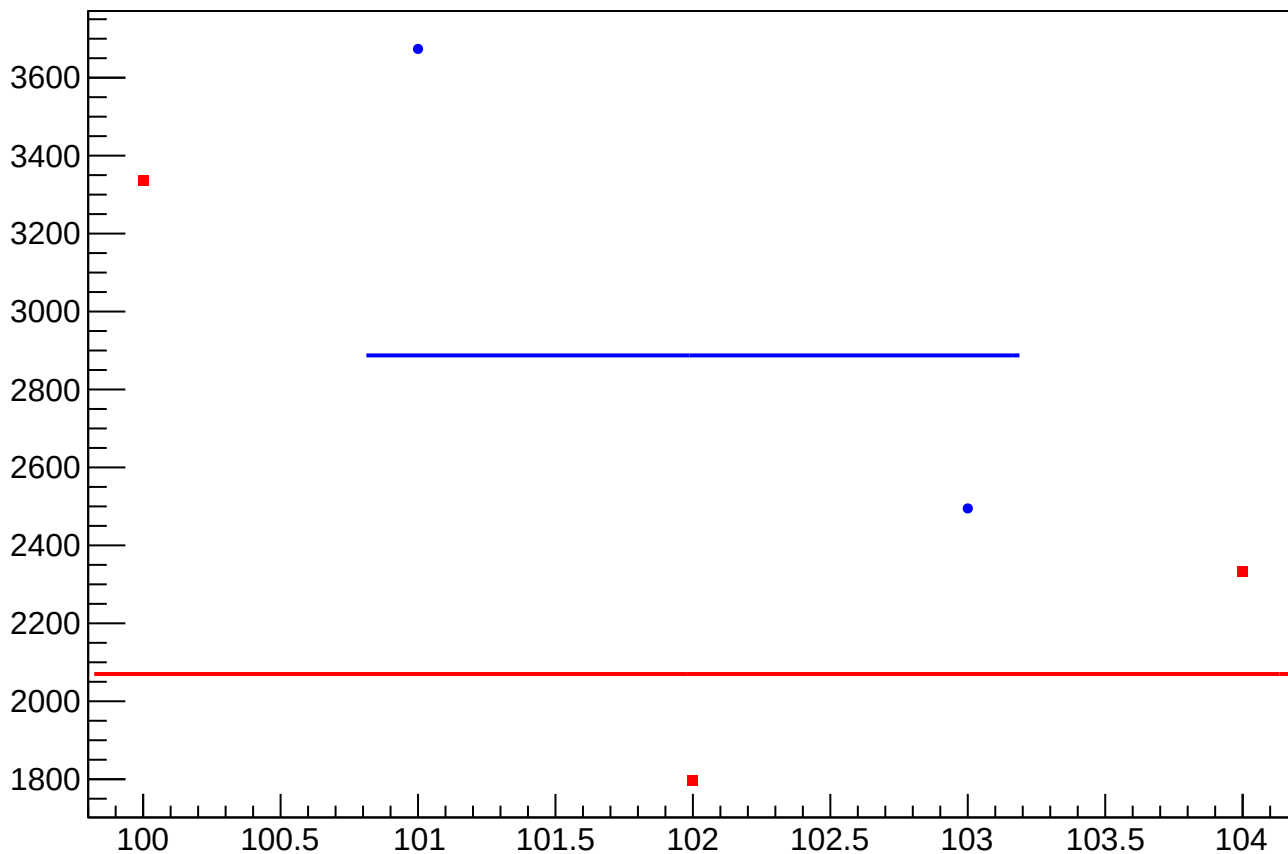
Right: 386.164+/-1647.901 χ^2/NDF : 3.3/4

In: 1299.239+/-2620.017 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 386.164+/-1647.901 χ^2/NDF : 3.3/4

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: 2069.930 $\pm$ 1.499 χ^2 /NDF: 51865.3/2

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

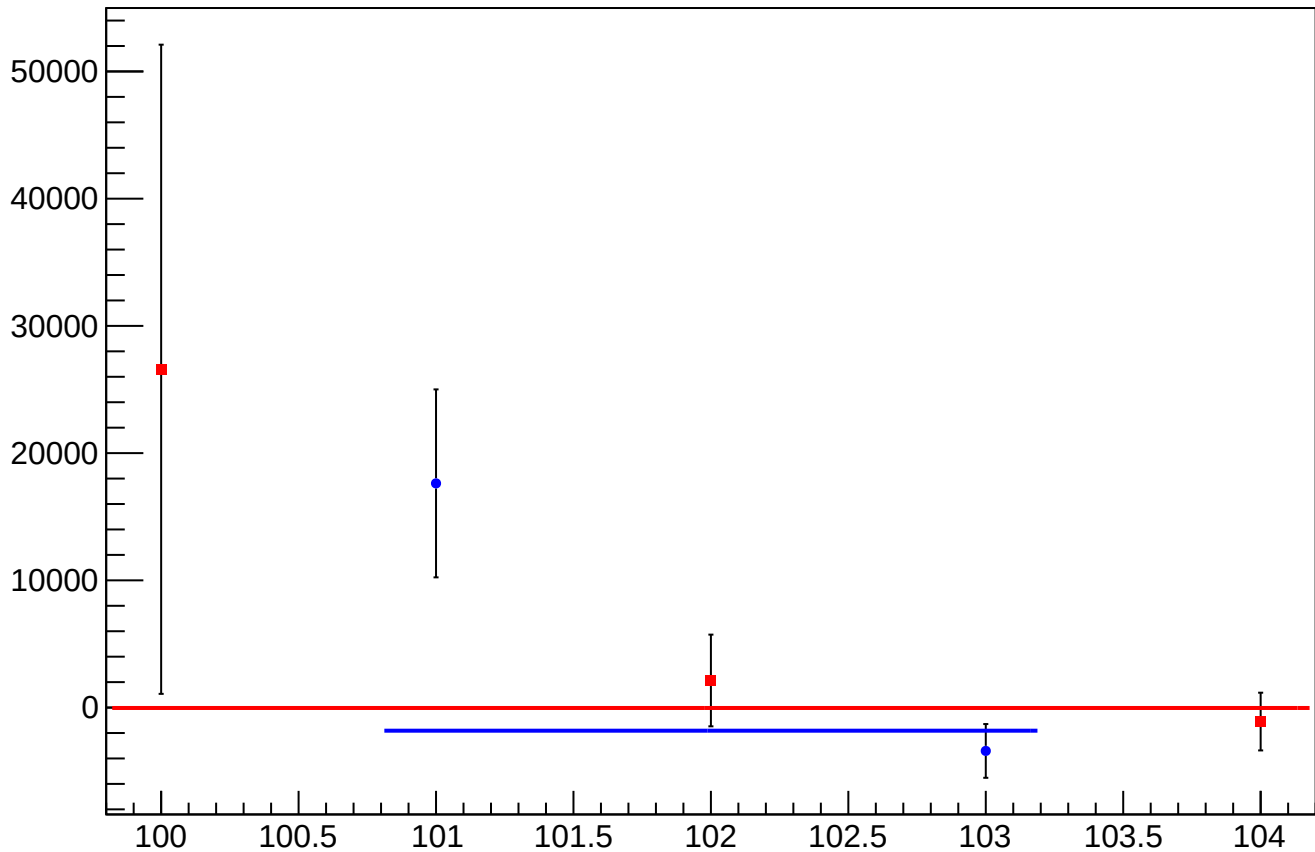
Right: 2393.338 $\pm$ 1.165 χ^2 /NDF: 259505.9/4

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: 2393.338 $\pm$ 1.165 χ^2 /NDF: 259505.9/4

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: -32.045+/-1914.650 χ^2/NDF : 1.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

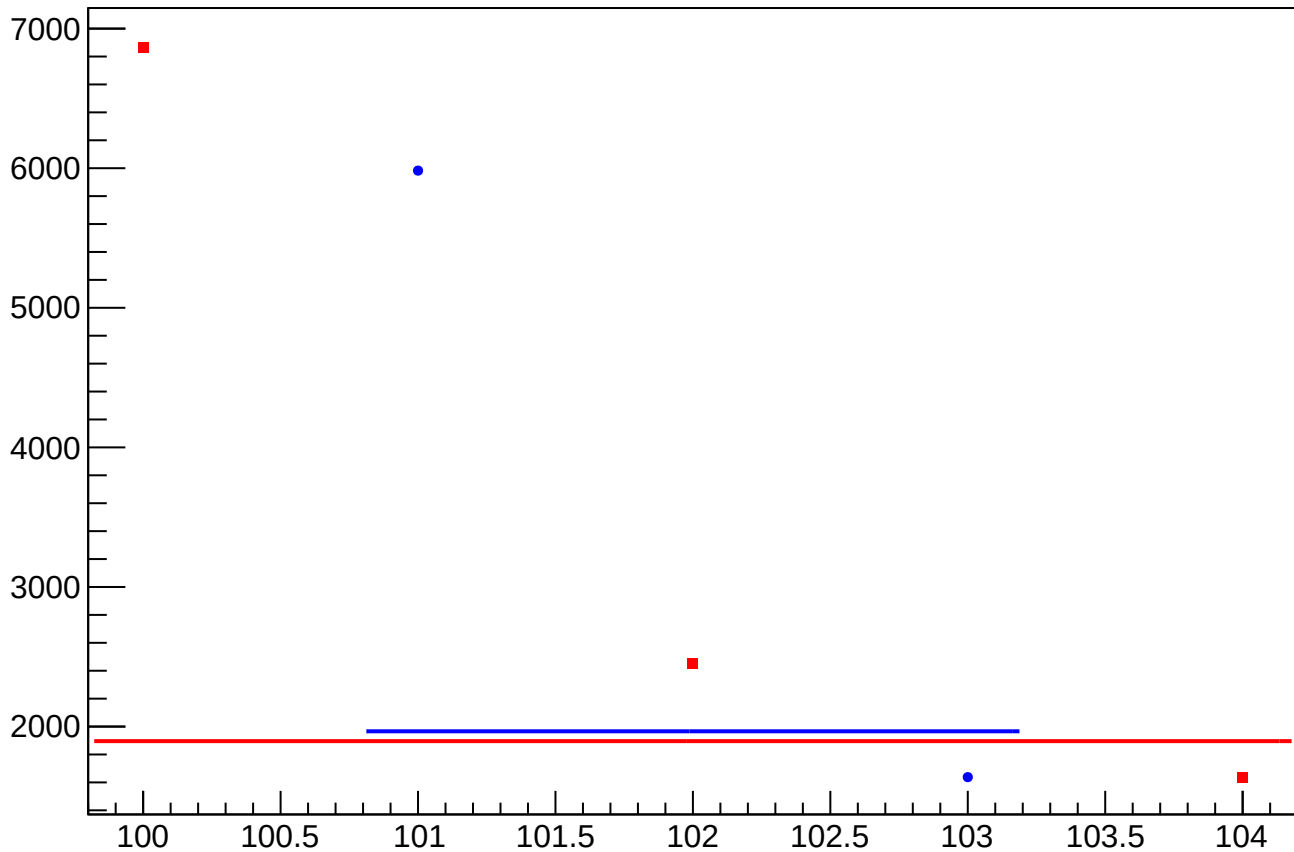
Right: -872.000+/-1393.250 χ^2/NDF : 9.6/4

In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.000+/-1393.250 χ^2/NDF : 9.6/4

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: 1895.690+/-1.354 χ^2/NDF : 150598.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

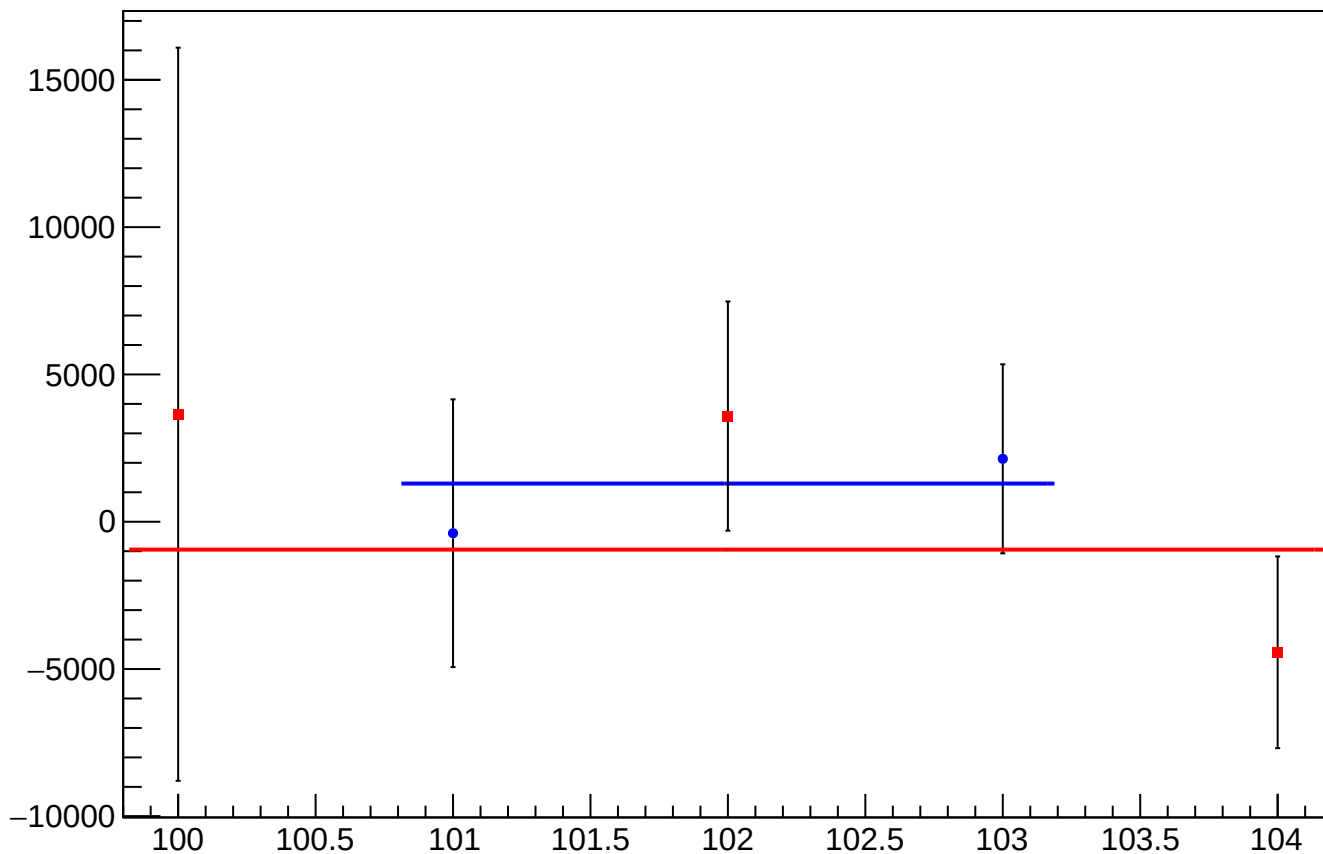
Right: 1928.867+/-0.985 χ^2/NDF : 791530.4/4

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.867+/-0.985 χ^2/NDF : 791530.4/4

asym_atr_dd_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: -945.769+/-2447.312 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

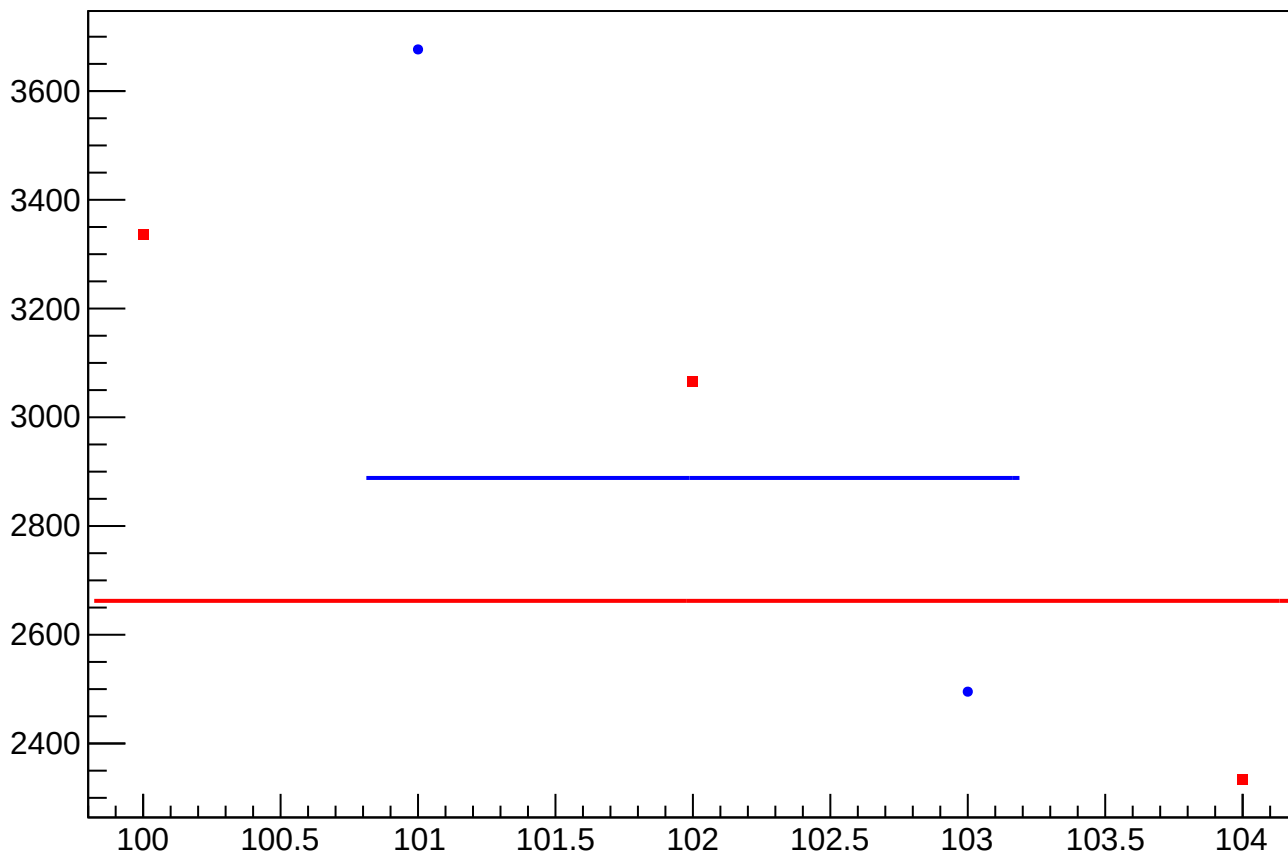
Right: 98.210+/-1788.759 χ^2/NDF : 3.2/4

In: 1295.616+/-2620.983 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.210+/-1788.759 χ^2/NDF : 3.2/4

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: 2662.337+/-1.731 χ^2/NDF : 47826.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

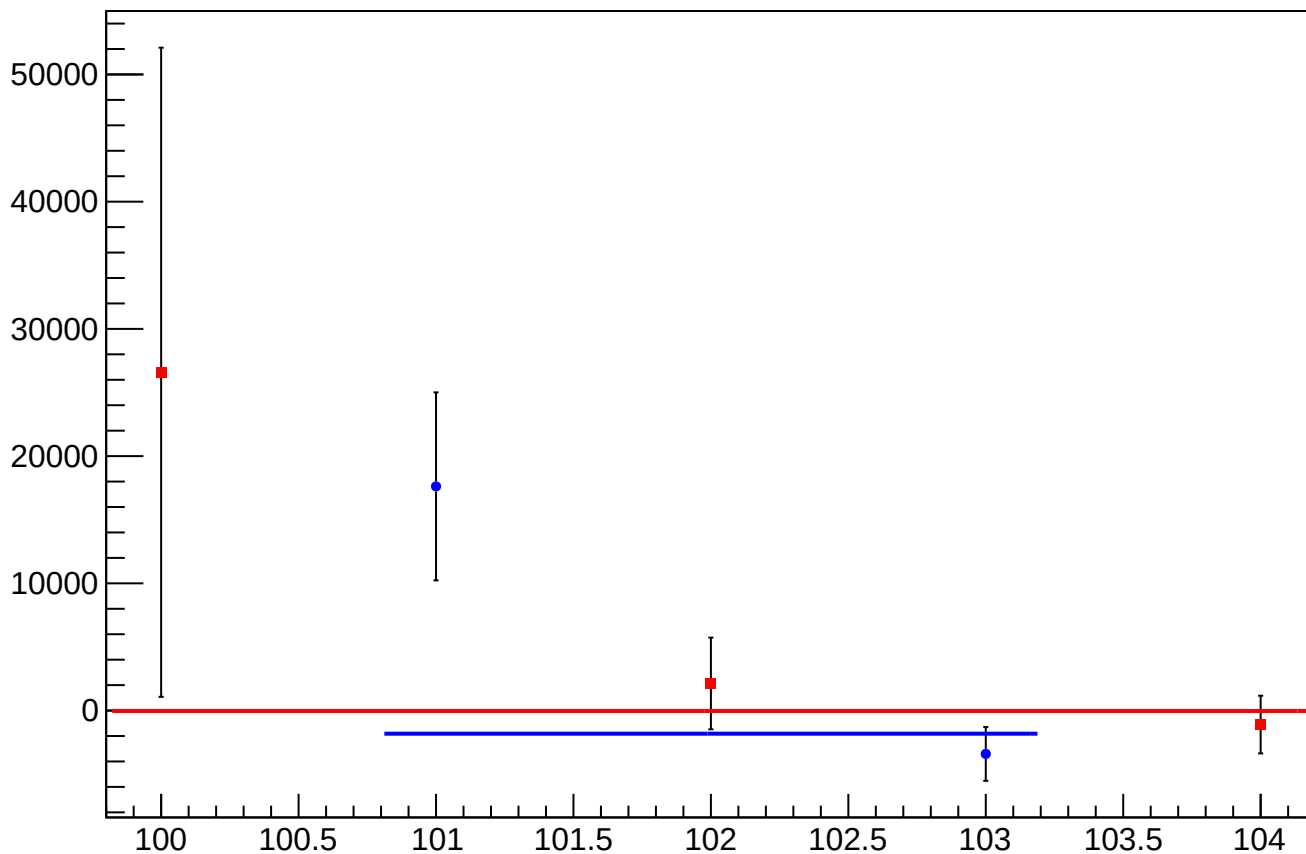
Right: 2767.633+/-1.265 χ^2/NDF : 145985.0/4

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.633+/-1.265 χ^2/NDF : 145985.0/4

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: -32.045+/-1914.650 χ^2/NDF : 1.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

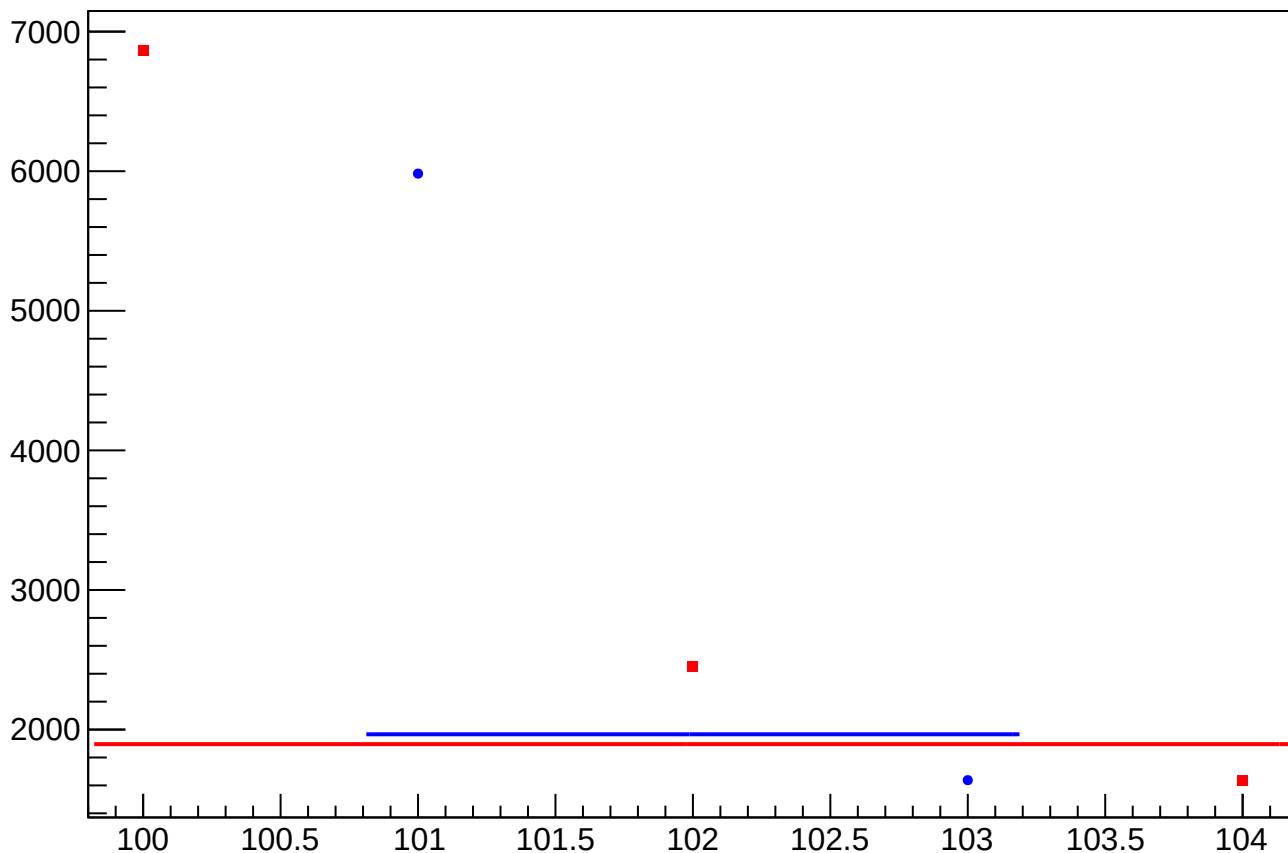
Right: -872.000+/-1393.250 χ^2/NDF : 9.6/4

In: -1817.345+/-2031.219 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -872.000+/-1393.250 χ^2/NDF : 9.6/4

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: 1895.690+/-1.354 χ^2/NDF : 150598.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

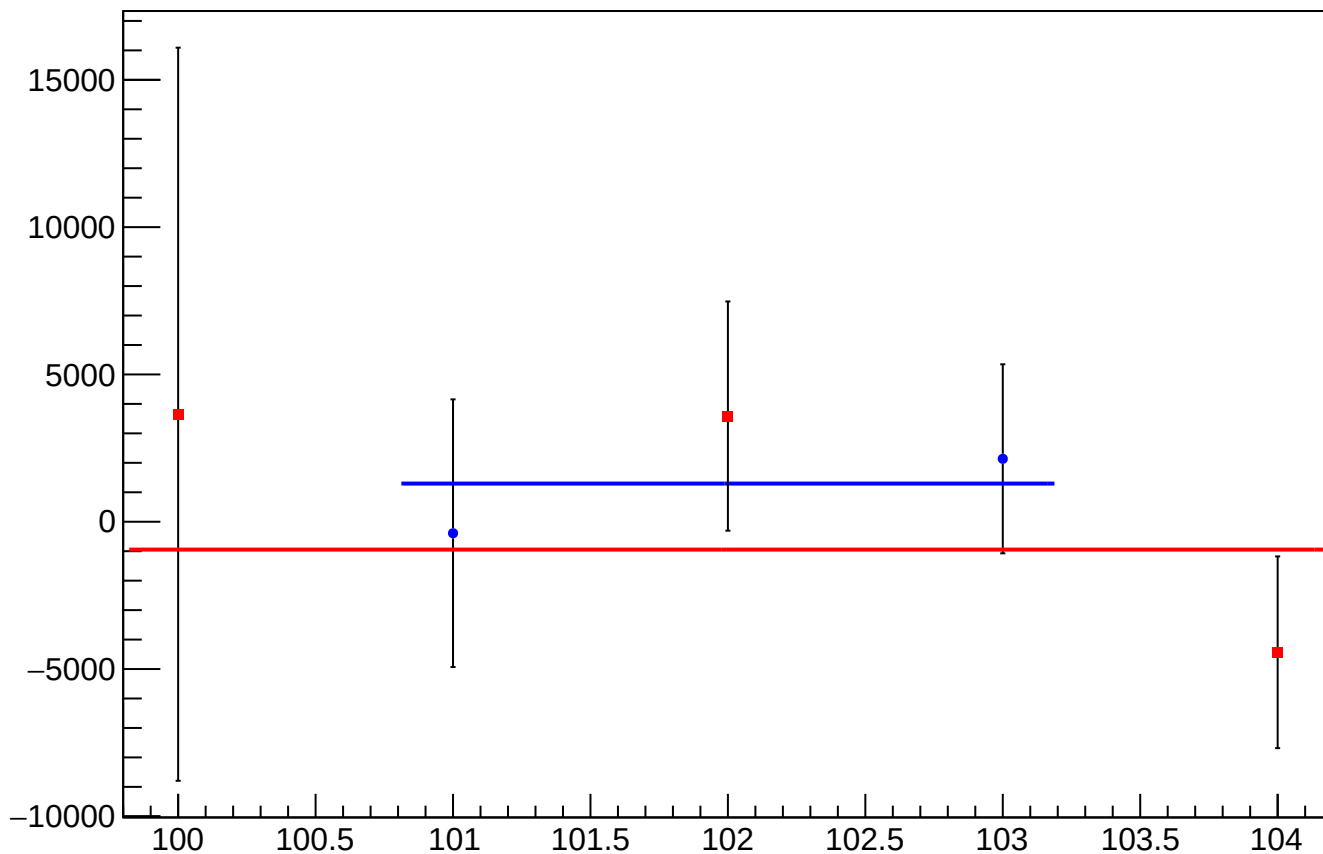
Right: 1928.867+/-0.985 χ^2/NDF : 791530.4/4

In: 1966.208+/-1.436 χ^2/NDF : 639655.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1928.867+/-0.985 χ^2/NDF : 791530.4/4

asym_atr_dd_eigen_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: -945.769 $\pm$ 2447.312 χ^2 /NDF: 2.6/2

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

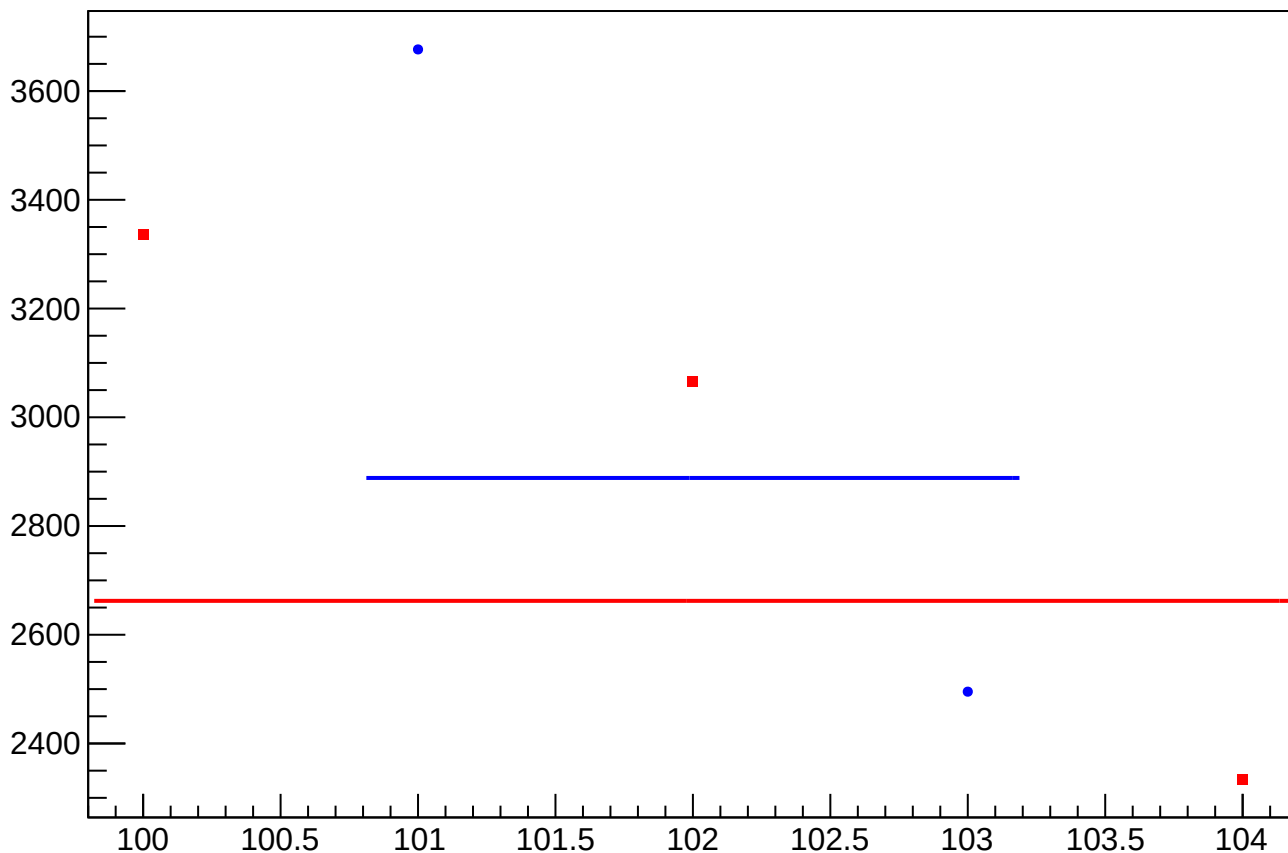
Right: 98.210 $\pm$ 1788.759 χ^2 /NDF: 3.2/4

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: 98.210 $\pm$ 1788.759 χ^2 /NDF: 3.2/4

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: 2662.337+/-1.731 χ^2/NDF : 47826.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

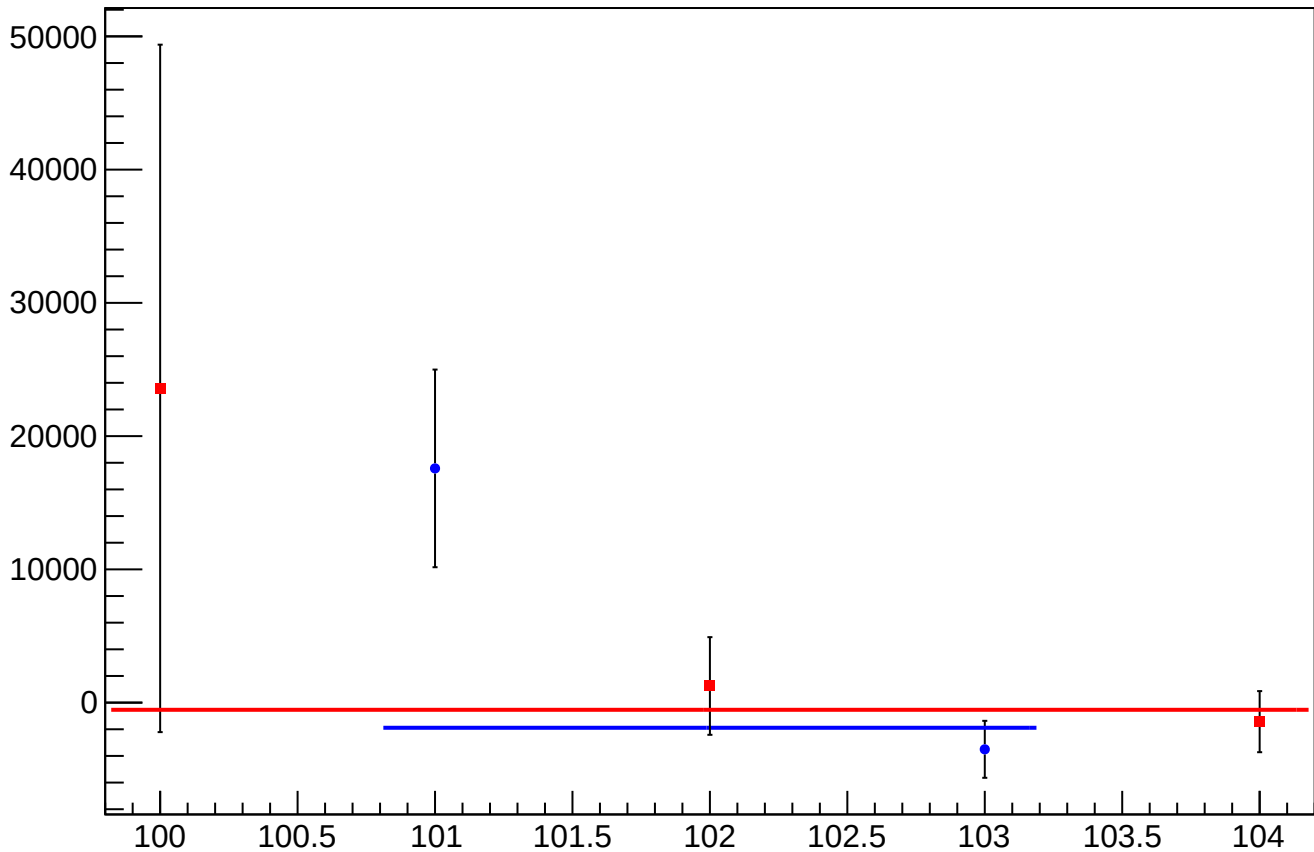
Right: 2767.633+/-1.265 χ^2/NDF : 145985.0/4

In: 2888.403+/-1.853 χ^2/NDF : 90210.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2767.633+/-1.265 χ^2/NDF : 145985.0/4

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: -538.523+/-1938.406 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

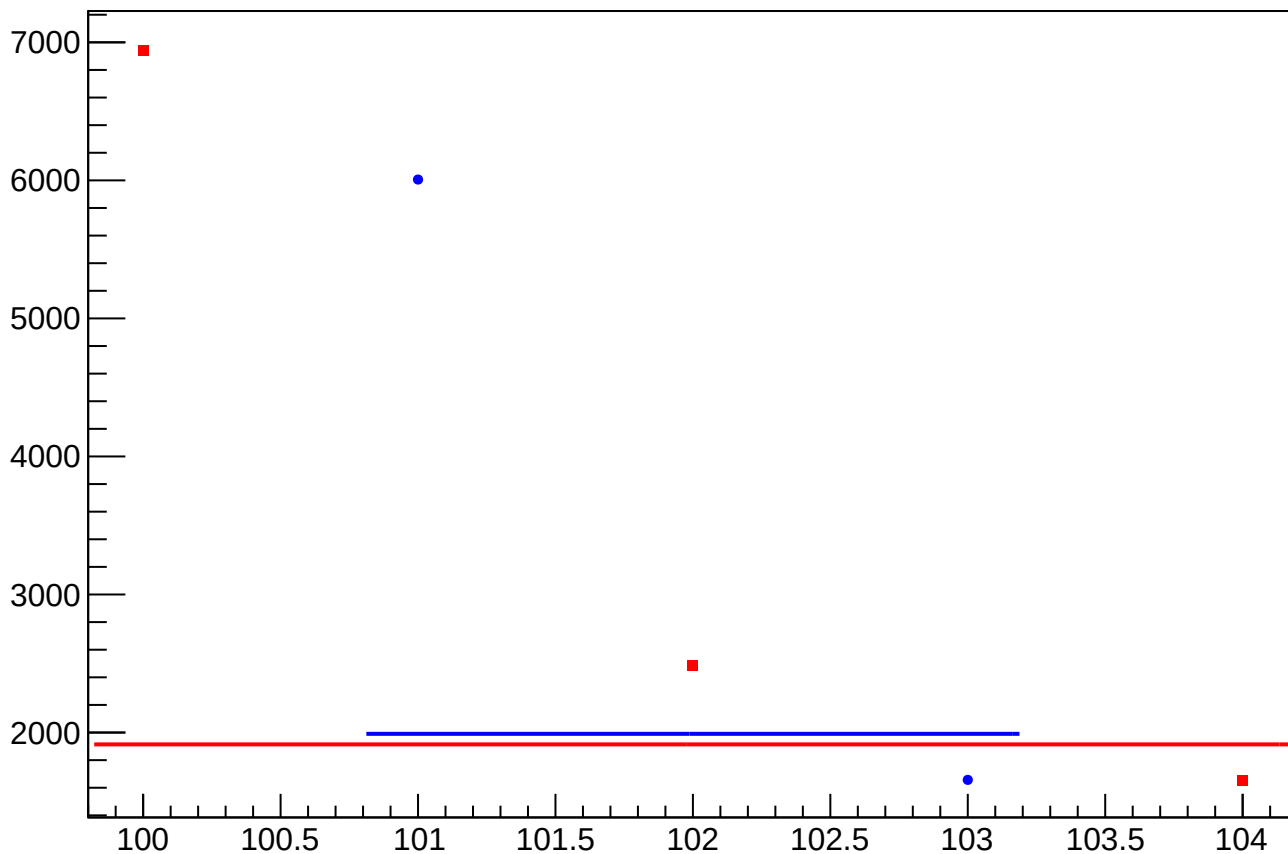
Right: -1173.757+/-1409.743 χ^2/NDF : 9.0/4

In: -1886.988+/-2053.963 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1173.757+/-1409.743 χ^2/NDF : 9.0/4

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: 1914.158+/-1.371 χ^2/NDF : 150250.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

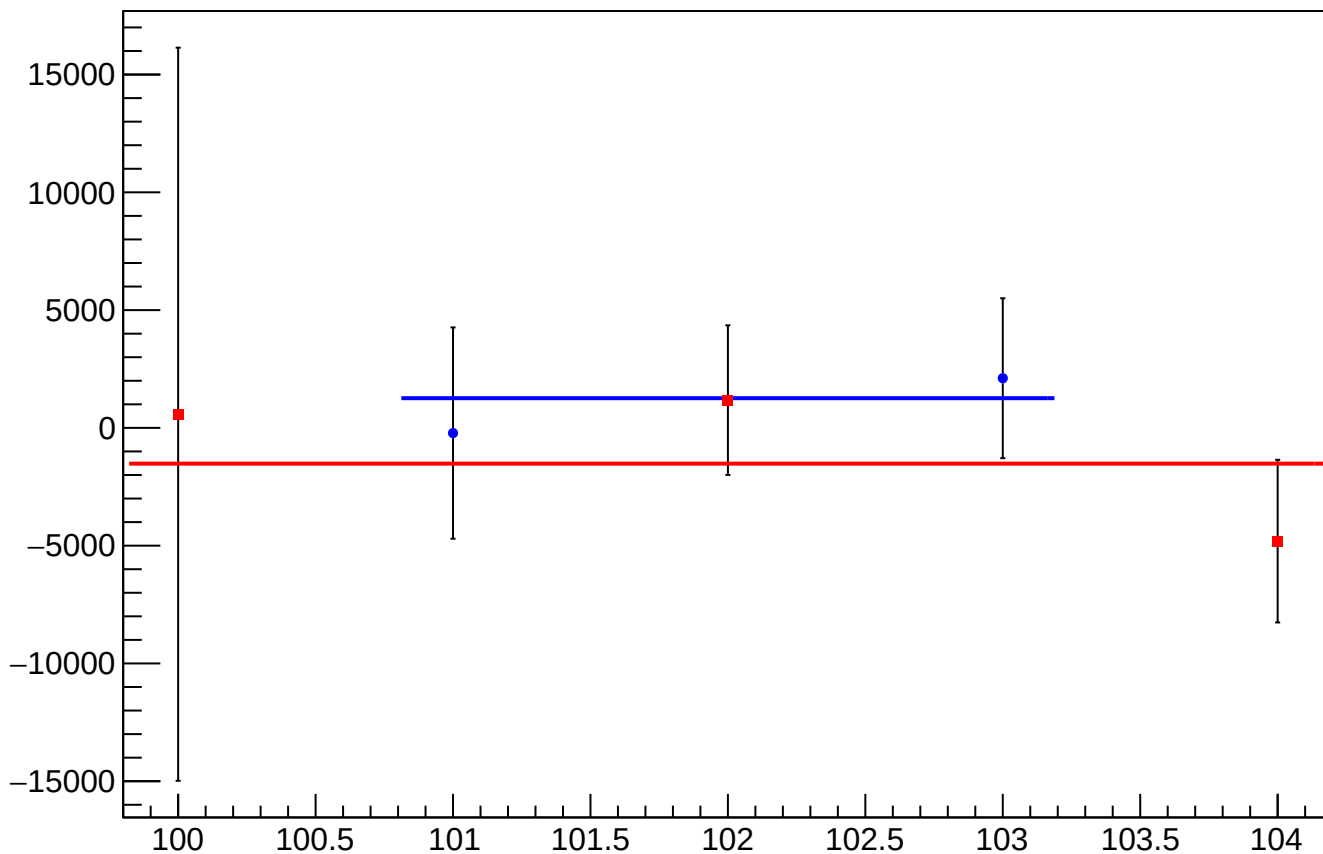
Right: 1950.182+/-0.997 χ^2/NDF : 786720.3/4

In: 1990.630+/-1.452 χ^2/NDF : 635003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.182+/-0.997 χ^2/NDF : 786720.3/4

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: -1517.413+/-2311.485 χ^2/NDF : 1.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

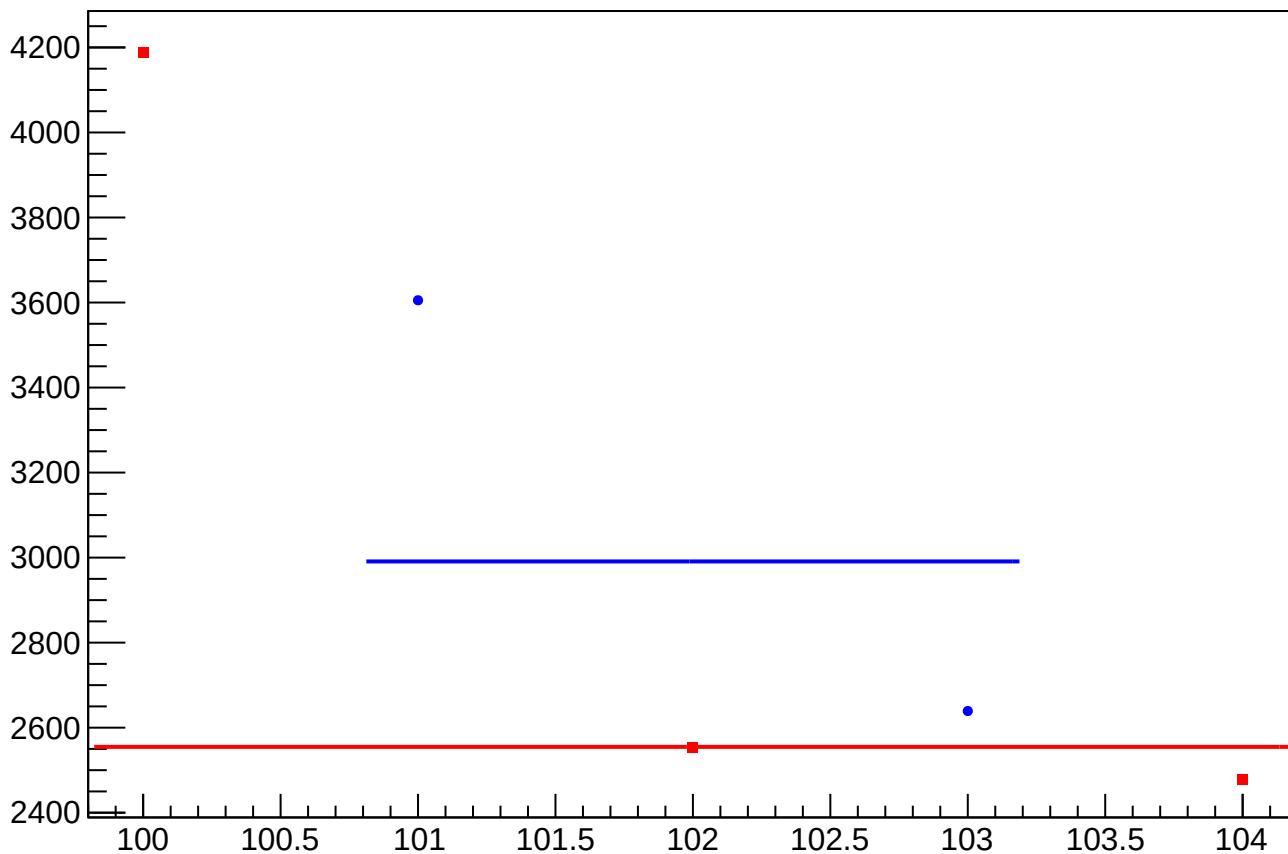
Right: -345.842+/-1757.781 χ^2/NDF : 2.4/4

In: 1260.744+/-2706.817 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.842+/-1757.781 χ^2/NDF : 2.4/4

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2991.003 ± 1.914 $\chi^2/\text{NDF}: 58998.1/1$

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

Right Out: 2554.811 ± 1.634 $\chi^2/\text{NDF}: 23046.7/2$

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

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

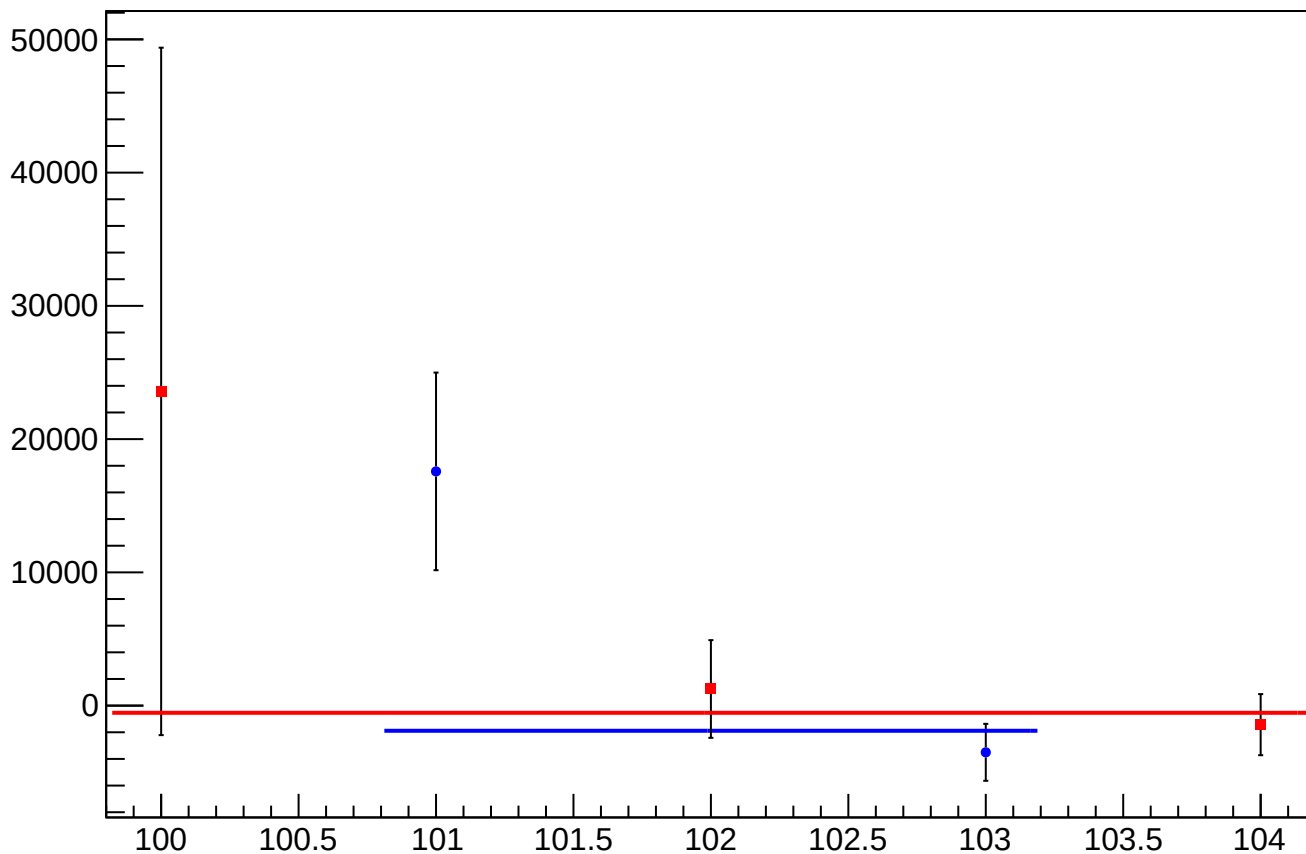
Right: 2738.757 ± 1.243 $\chi^2/\text{NDF}: 112079.0/4$

In: 2991.003 ± 1.914 $\chi^2/\text{NDF}: 58998.1/1$

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

All: 2738.757 ± 1.243 $\chi^2/\text{NDF}: 112079.0/4$

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1886.984+/-2053.964 χ^2/NDF : 7.5/1

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

Right Out: -538.527+/-1938.406 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

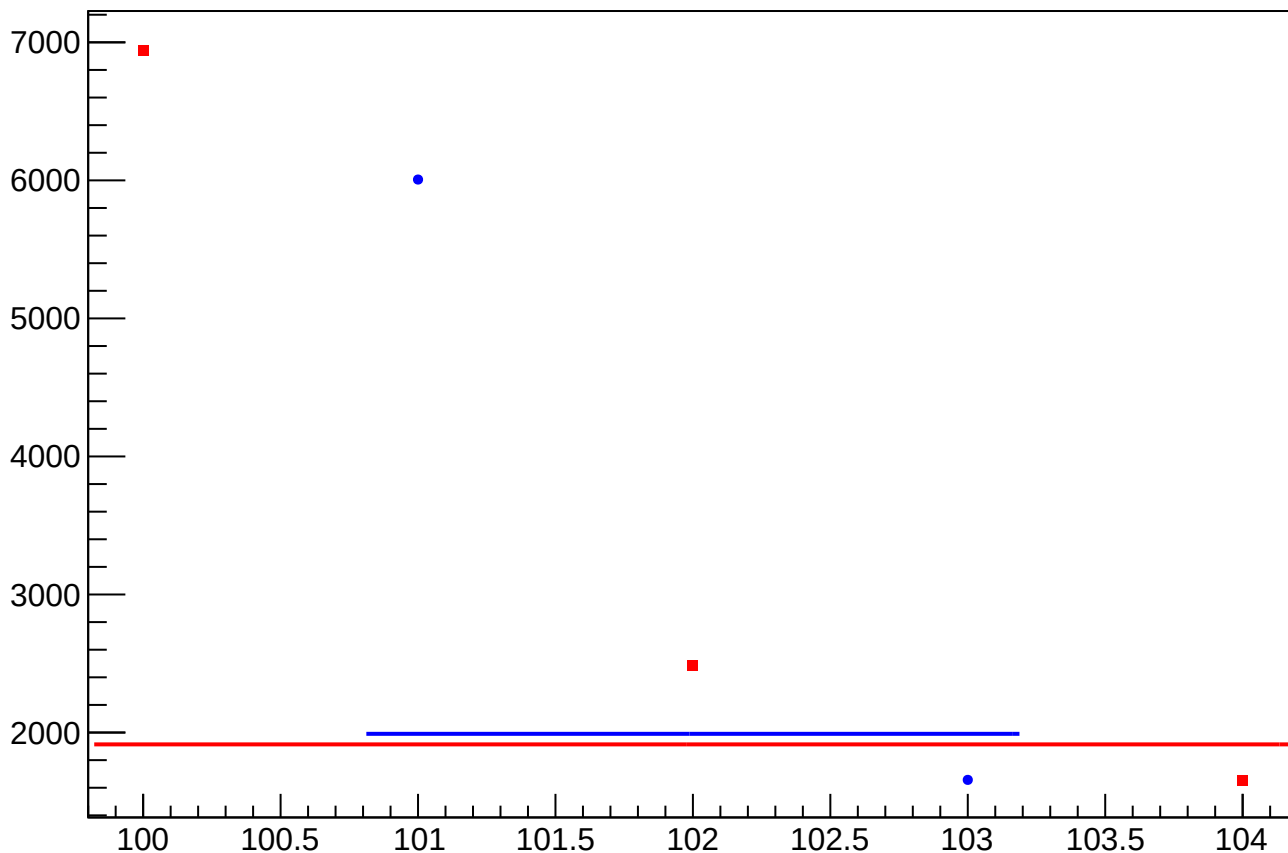
Right: -1173.758+/-1409.743 χ^2/NDF : 9.0/4

In: -1886.984+/-2053.964 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1173.758+/-1409.743 χ^2/NDF : 9.0/4

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: 1914.158+/-1.371 χ^2/NDF : 150250.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

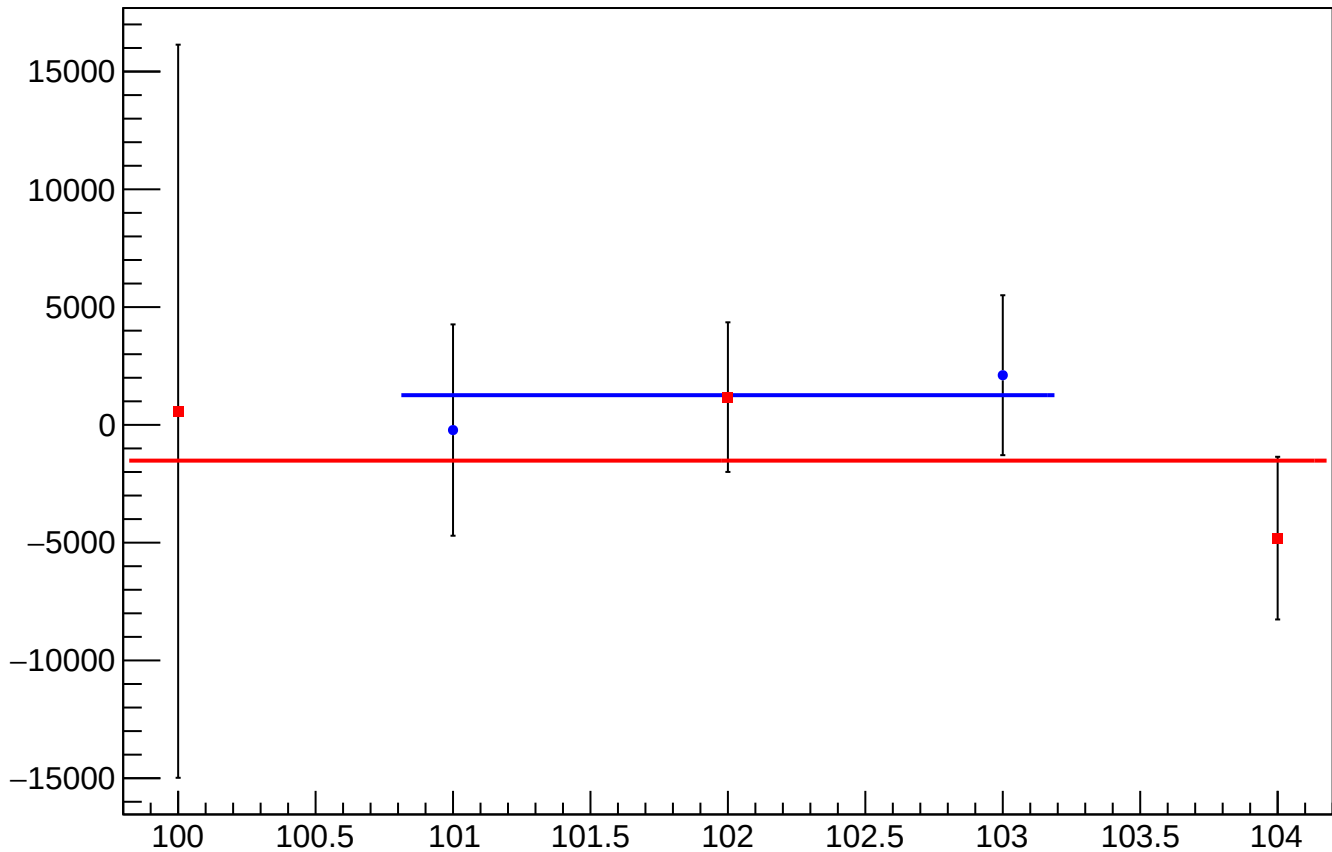
Right: 1950.182+/-0.997 χ^2/NDF : 786720.2/4

In: 1990.631+/-1.452 χ^2/NDF : 635003.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1950.182+/-0.997 χ^2/NDF : 786720.2/4

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: -1517.415+/-2311.485 χ^2/NDF : 1.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

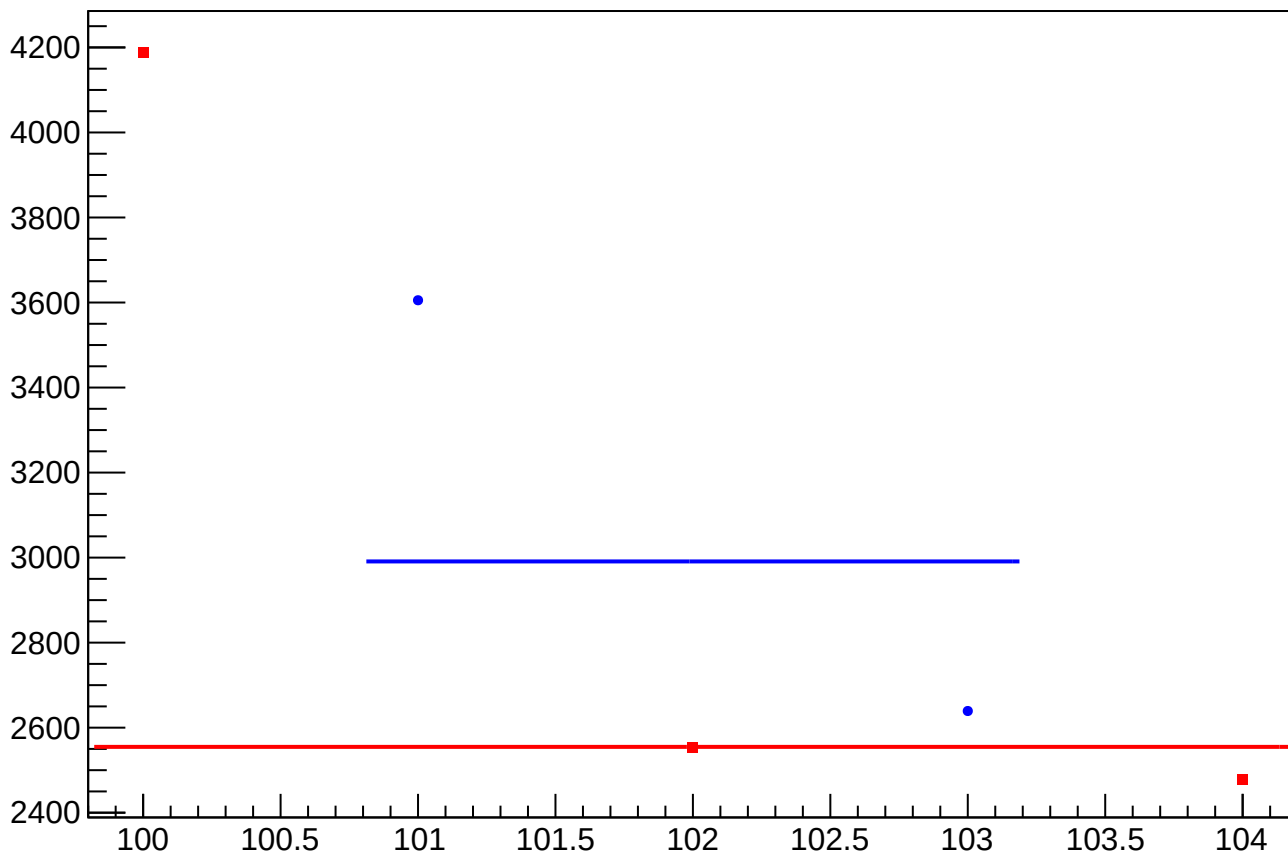
Right: -345.838+/-1757.781 χ^2/NDF : 2.4/4

In: 1260.755+/-2706.816 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -345.838+/-1757.781 χ^2/NDF : 2.4/4

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: 2554.811 $\pm$ 1.634 χ^2 /NDF: 23046.5/2

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

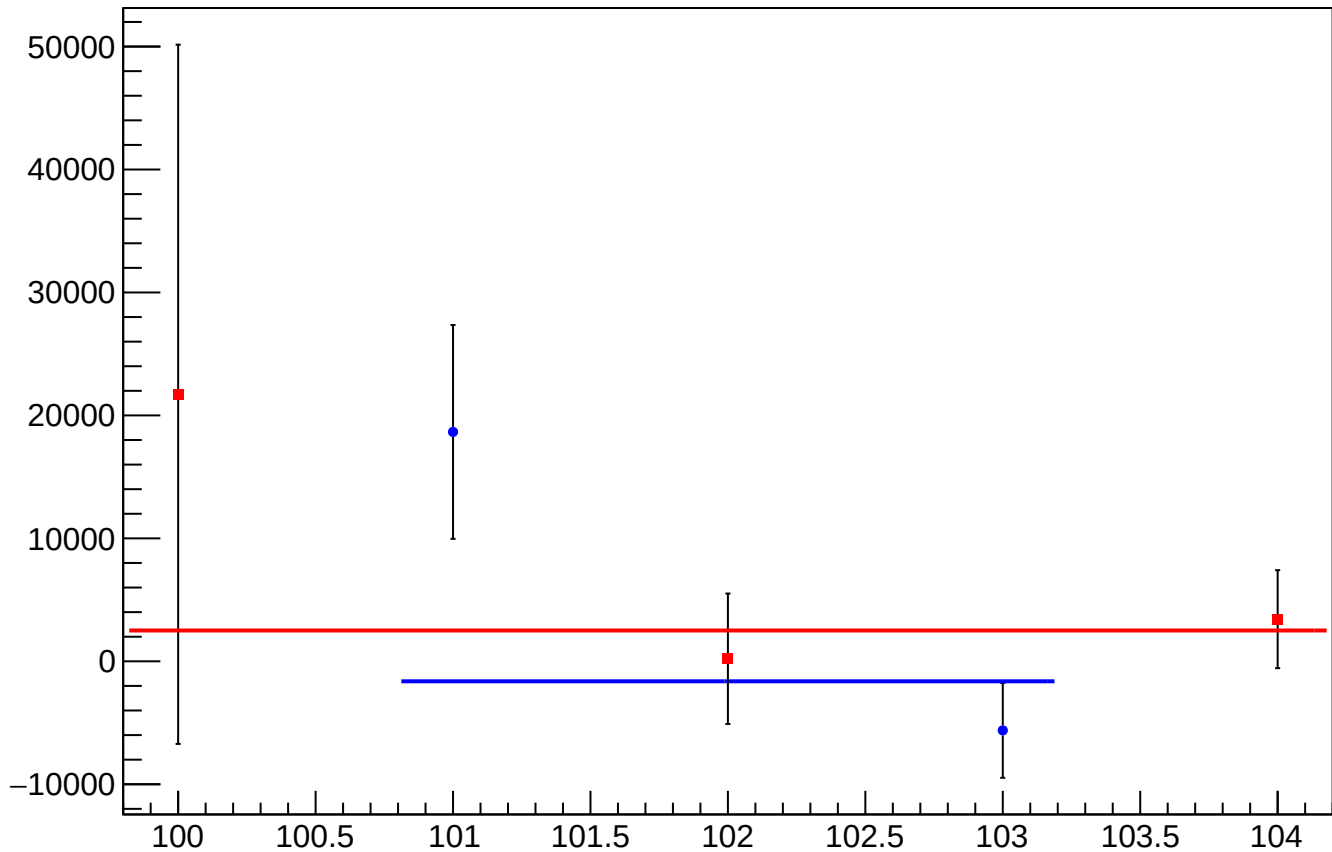
Right: 2738.756 $\pm$ 1.243 χ^2 /NDF: 112078.2/4

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: 2738.756 $\pm$ 1.243 χ^2 /NDF: 112078.2/4

asym_atr_dd_mean vs Slug, Sign Corrected



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

Right: 662.990 ± 2355.867 $\chi^2/\text{NDF}: 8.0/4$

In: -1625.520 ± 3526.344 $\chi^2/\text{NDF}: 6.5/1$

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

All: 662.990 ± 2355.867 $\chi^2/\text{NDF}: 8.0/4$

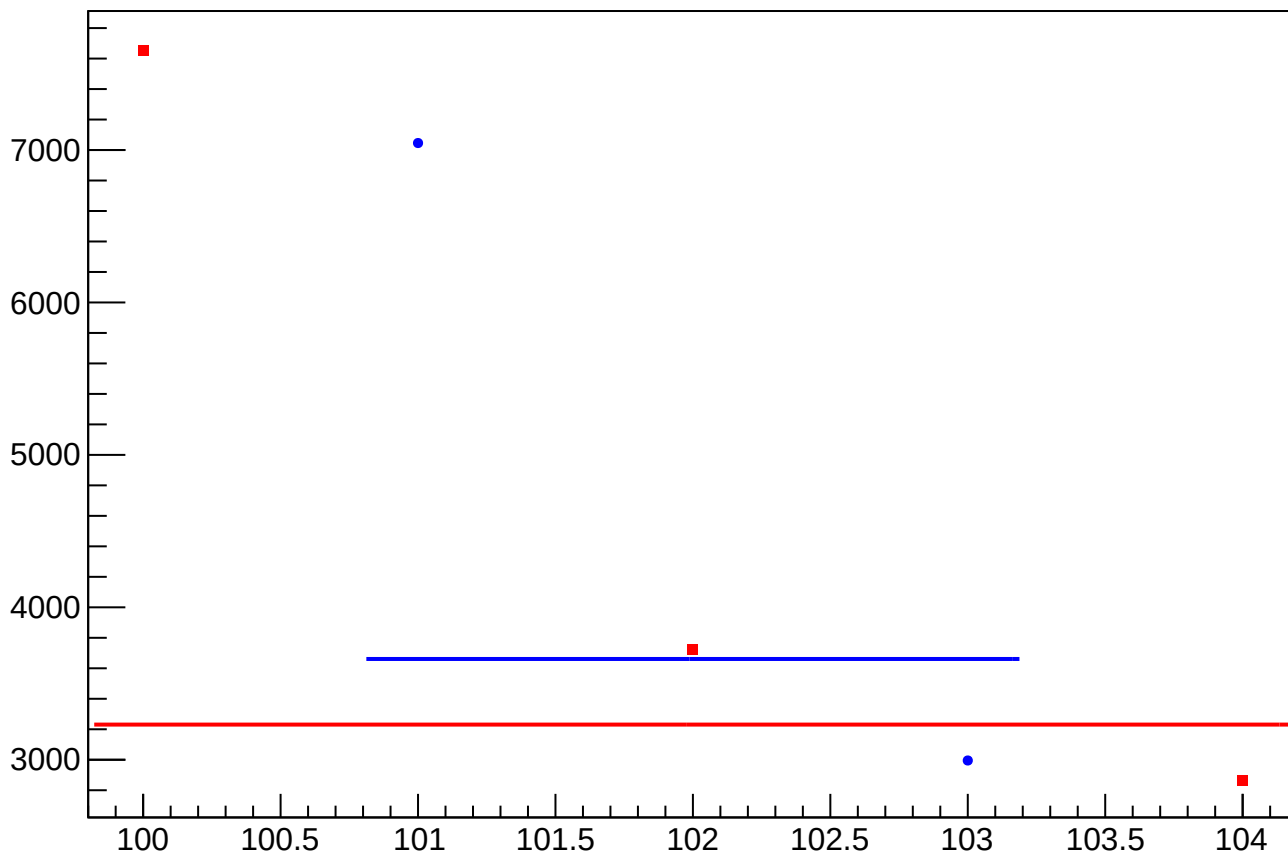
Right In: -1625.520 ± 3526.344 $\chi^2/\text{NDF}: 6.5/1$

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

Right Out: 2507.797 ± 3166.093 $\chi^2/\text{NDF}: 0.7/2$

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

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: 3230.661+/-2.239 χ^2/NDF : 82595.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

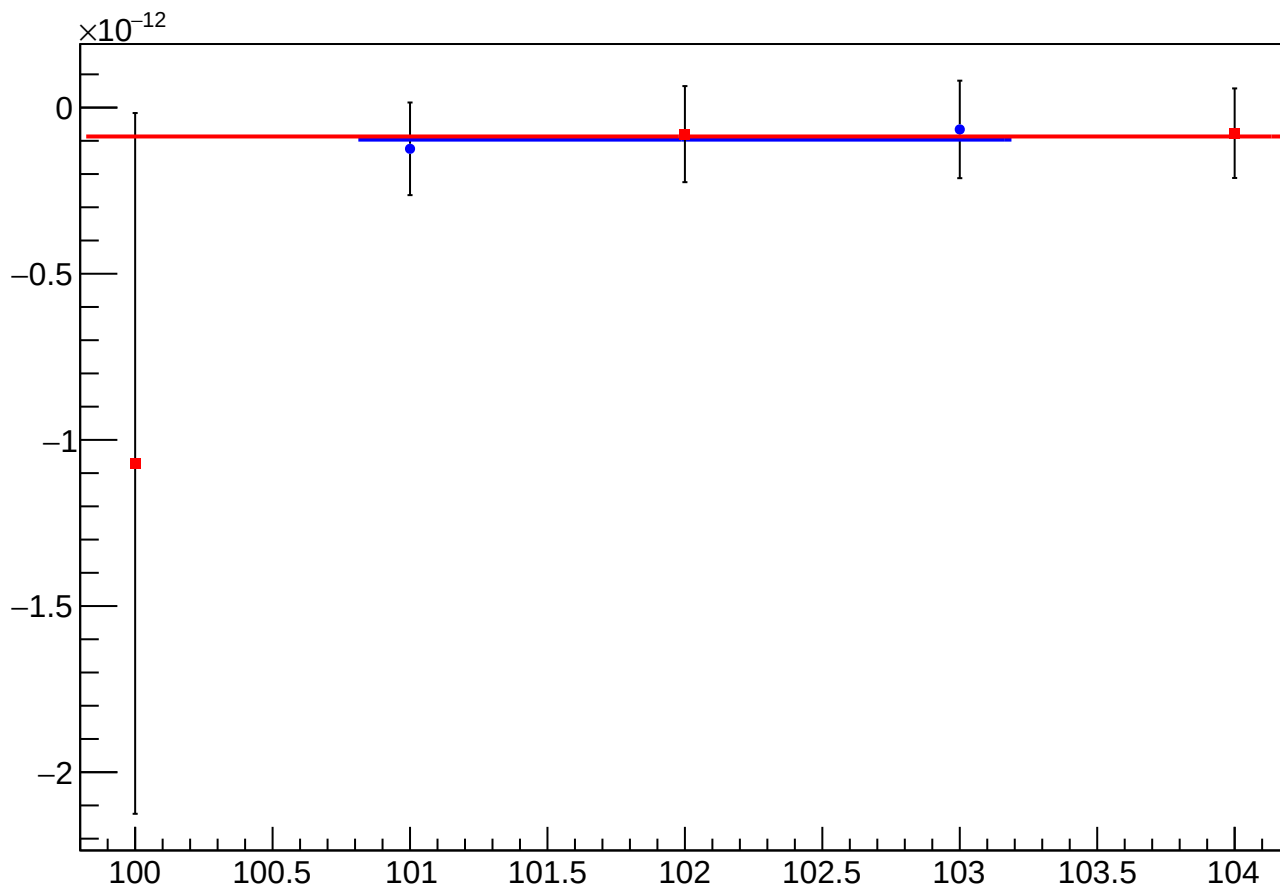
Right: 3422.785+/-1.666 χ^2/NDF : 461655.7/4

In: 3661.141+/-2.494 χ^2/NDF : 362557.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3422.785+/-1.666 χ^2/NDF : 461655.7/4

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: 0.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

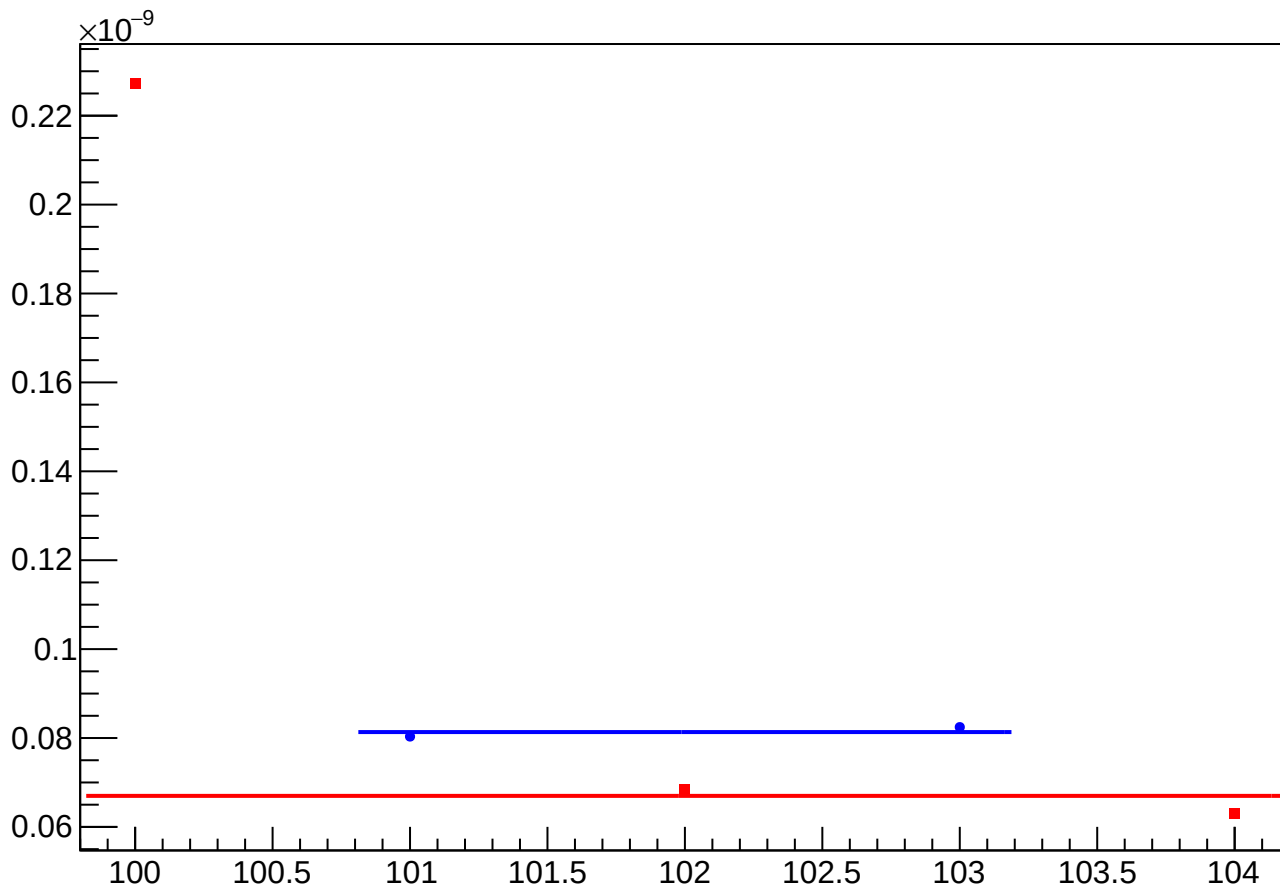
Right: -0.000+/-0.000 χ^2 /NDF: 1.0/4

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: 1.0/4

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 : 48067.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

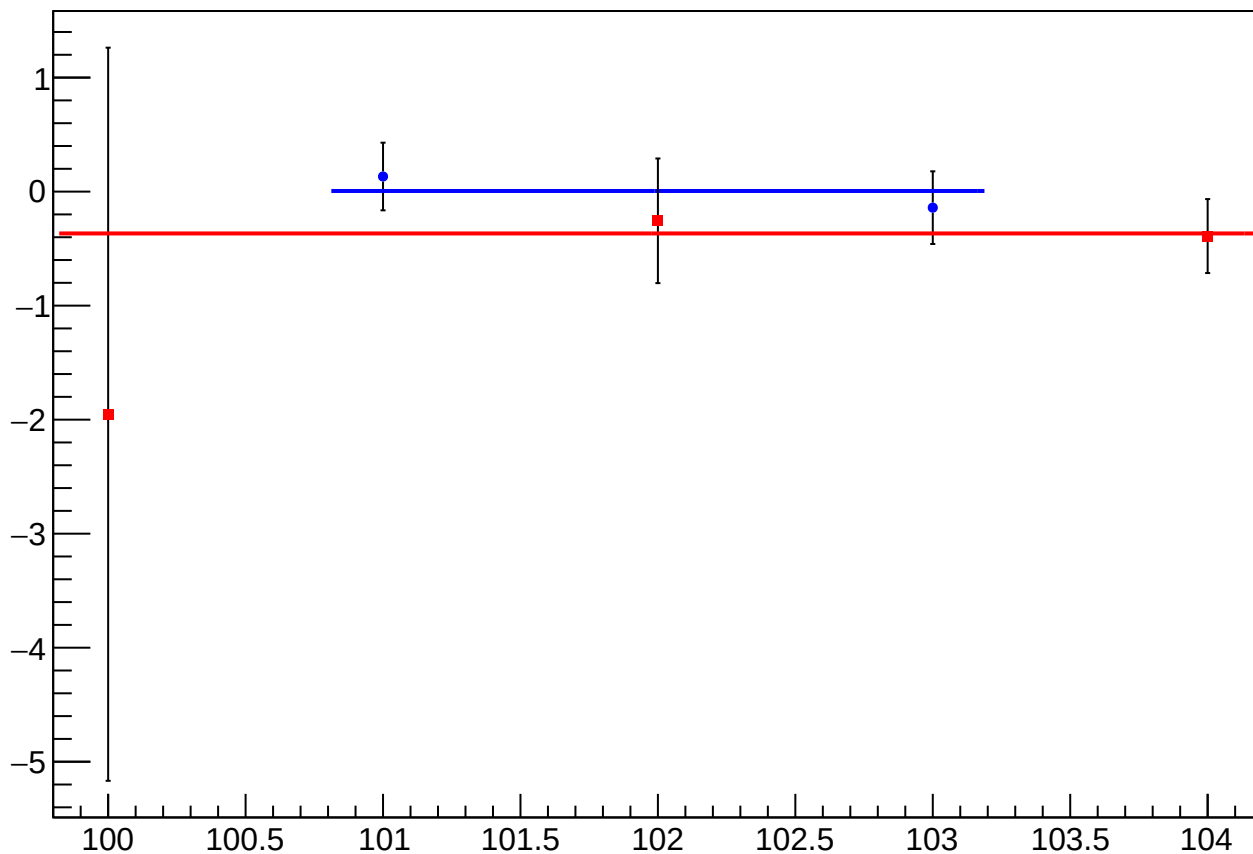
Right: 0.000+/-0.000 χ^2/NDF : 69054.6/4

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 : 69054.6/4

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.217 χ^2/NDF : 0.4/1

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

Right Out: -0.367+/-0.278 χ^2/NDF : 0.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

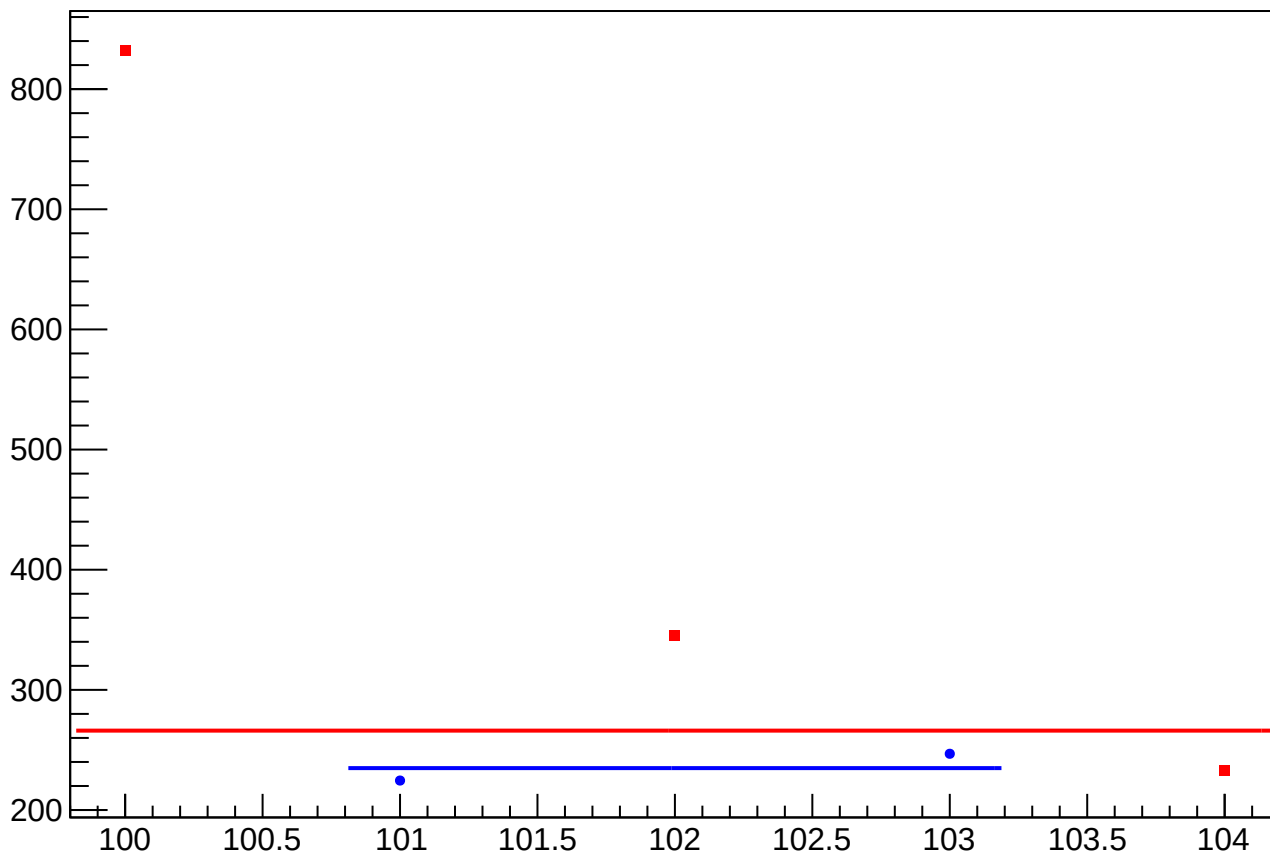
Right: -0.136+/-0.171 χ^2/NDF : 1.8/4

In: 0.006+/-0.217 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.136+/-0.171 χ^2/NDF : 1.8/4

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: 266.081+/-0.197 χ^2/NDF : 125022.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

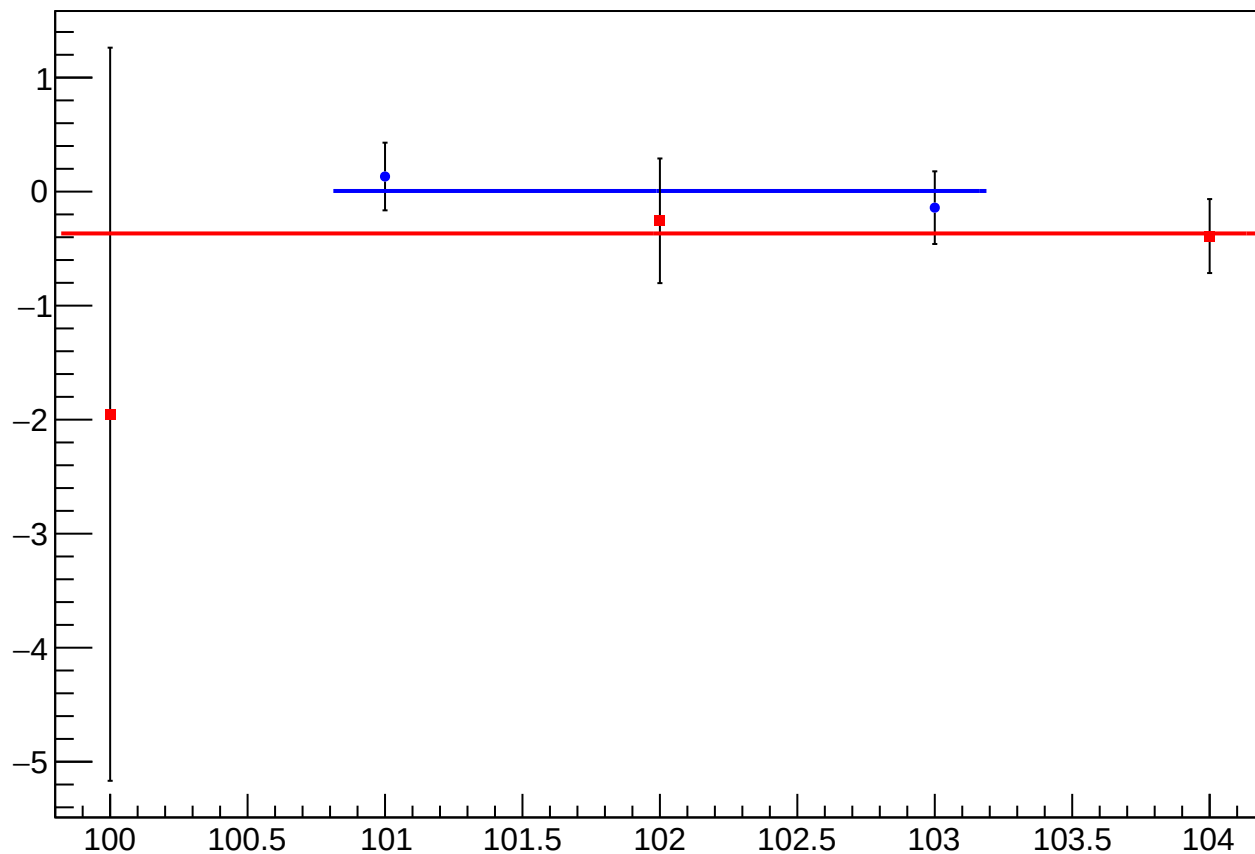
Right: 246.706+/-0.121 χ^2/NDF : 145913.0/4

In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.706+/-0.121 χ^2/NDF : 145913.0/4

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: -0.367 $\pm$ 0.278 χ^2 /NDF: 0.3/2

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

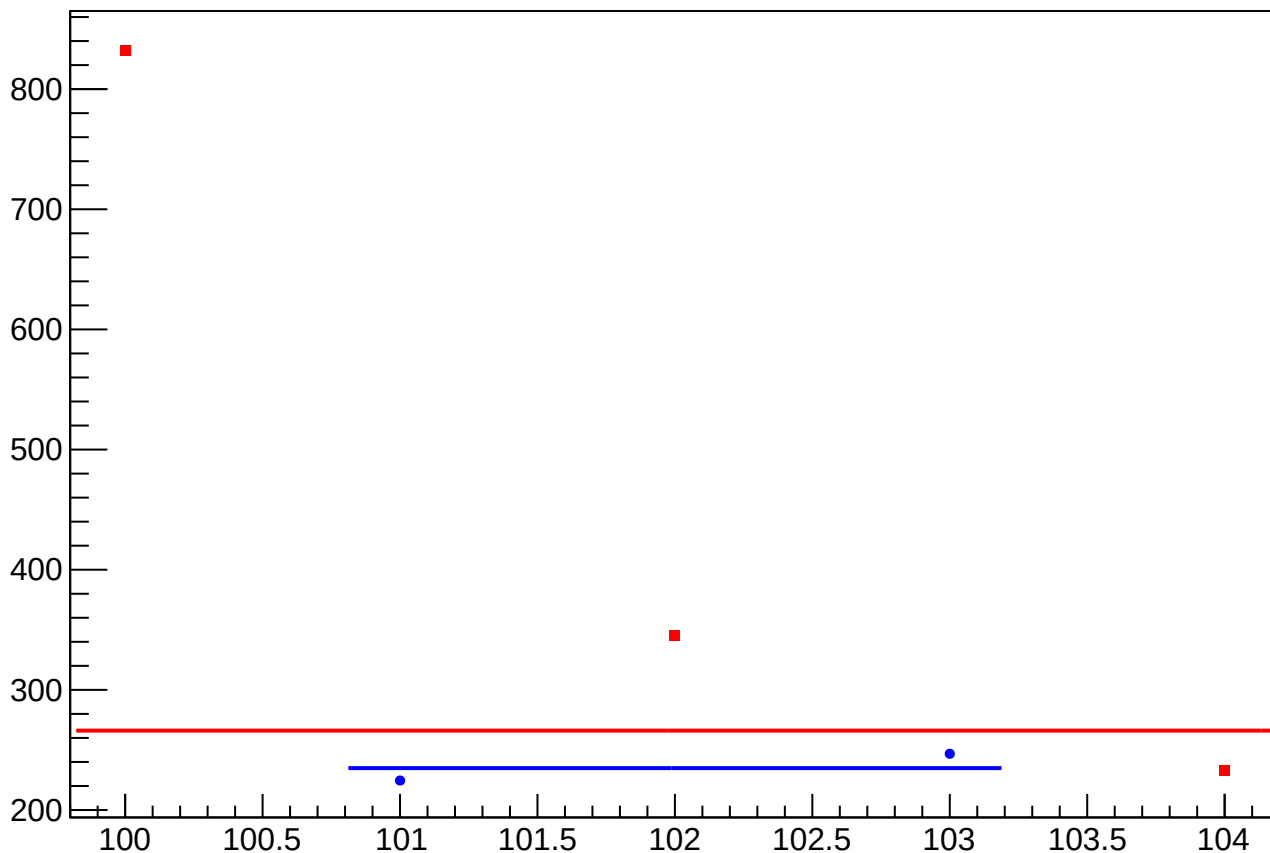
Right: -0.136 $\pm$ 0.171 χ^2 /NDF: 1.8/4

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: -0.136 $\pm$ 0.171 χ^2 /NDF: 1.8/4

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: 266.081+/-0.197 χ^2/NDF : 125022.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

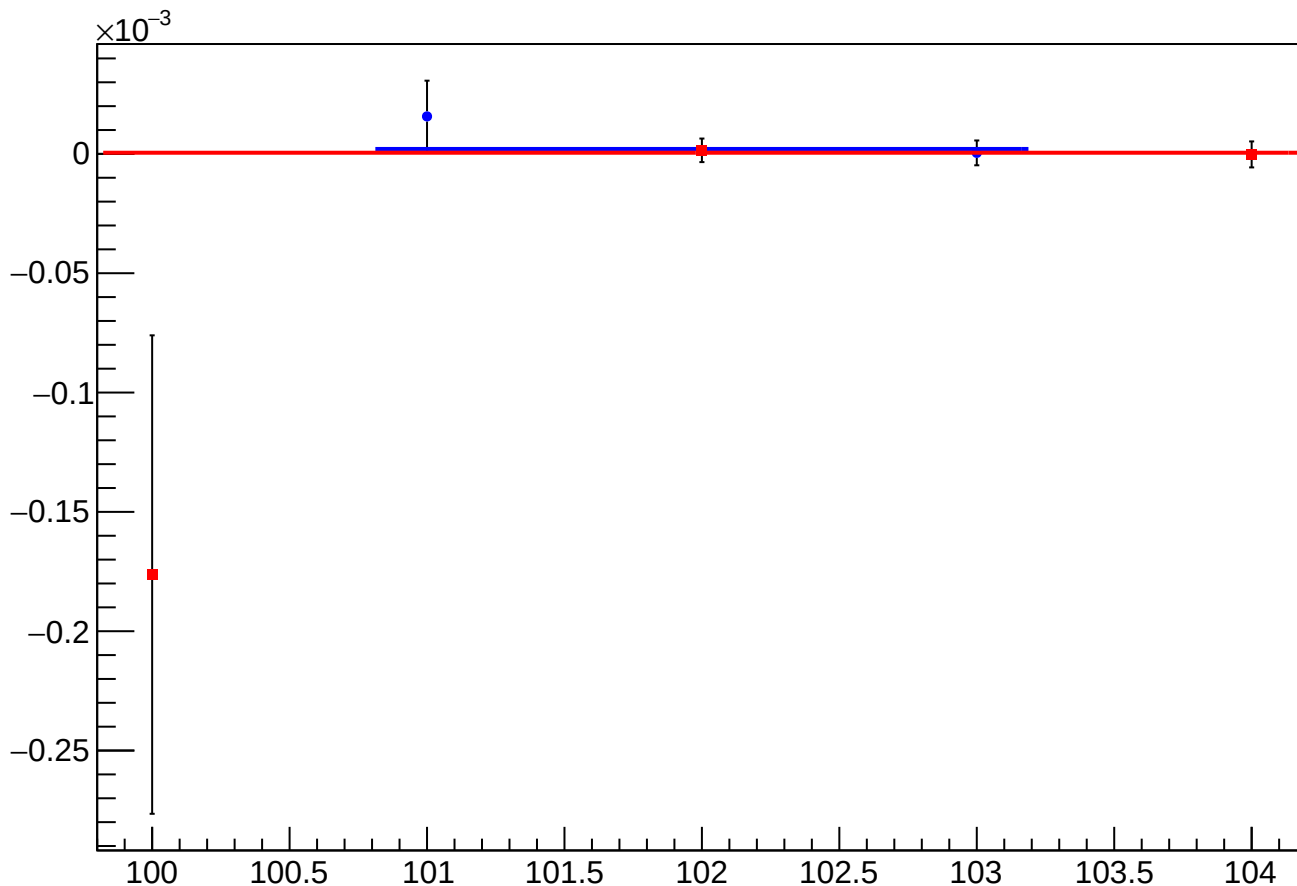
Right: 246.706+/-0.121 χ^2/NDF : 145913.0/4

In: 234.879+/-0.154 χ^2/NDF : 5238.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.706+/-0.121 χ^2/NDF : 145913.0/4

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/1

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/2

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

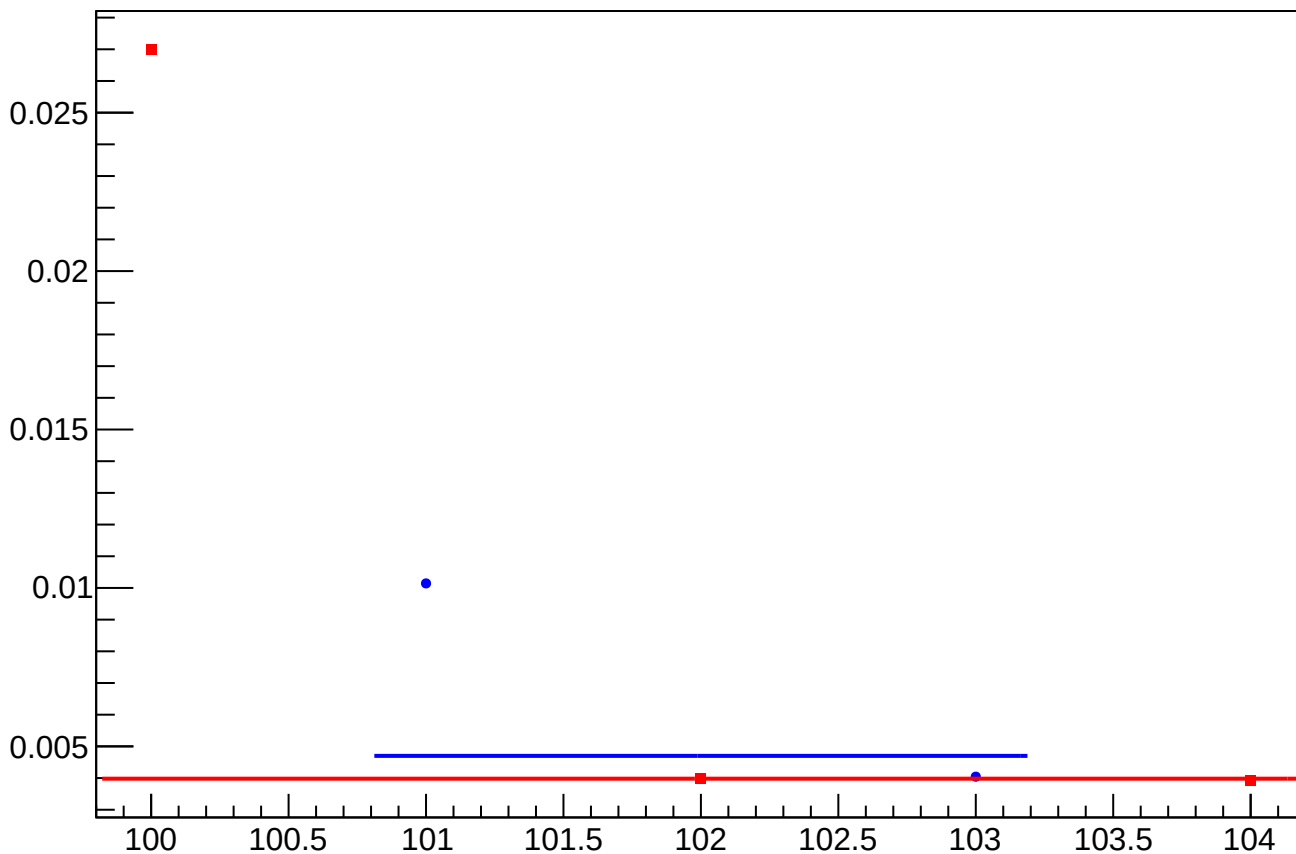
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/4

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: 4.2/4

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 : 105568.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

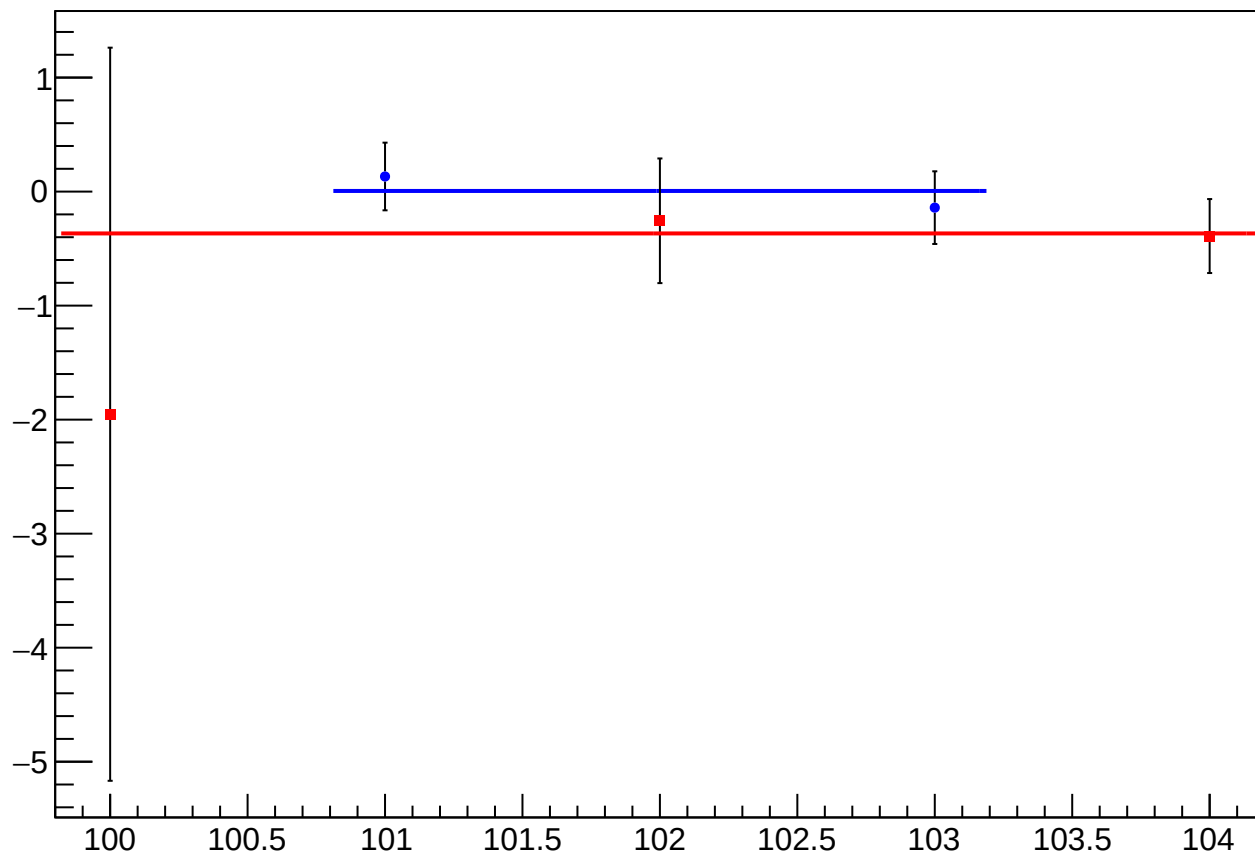
Right: 0.004+/-0.000 χ^2/NDF : 429384.1/4

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 : 429384.1/4

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: -0.367+/-0.278 χ^2 /NDF: 0.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

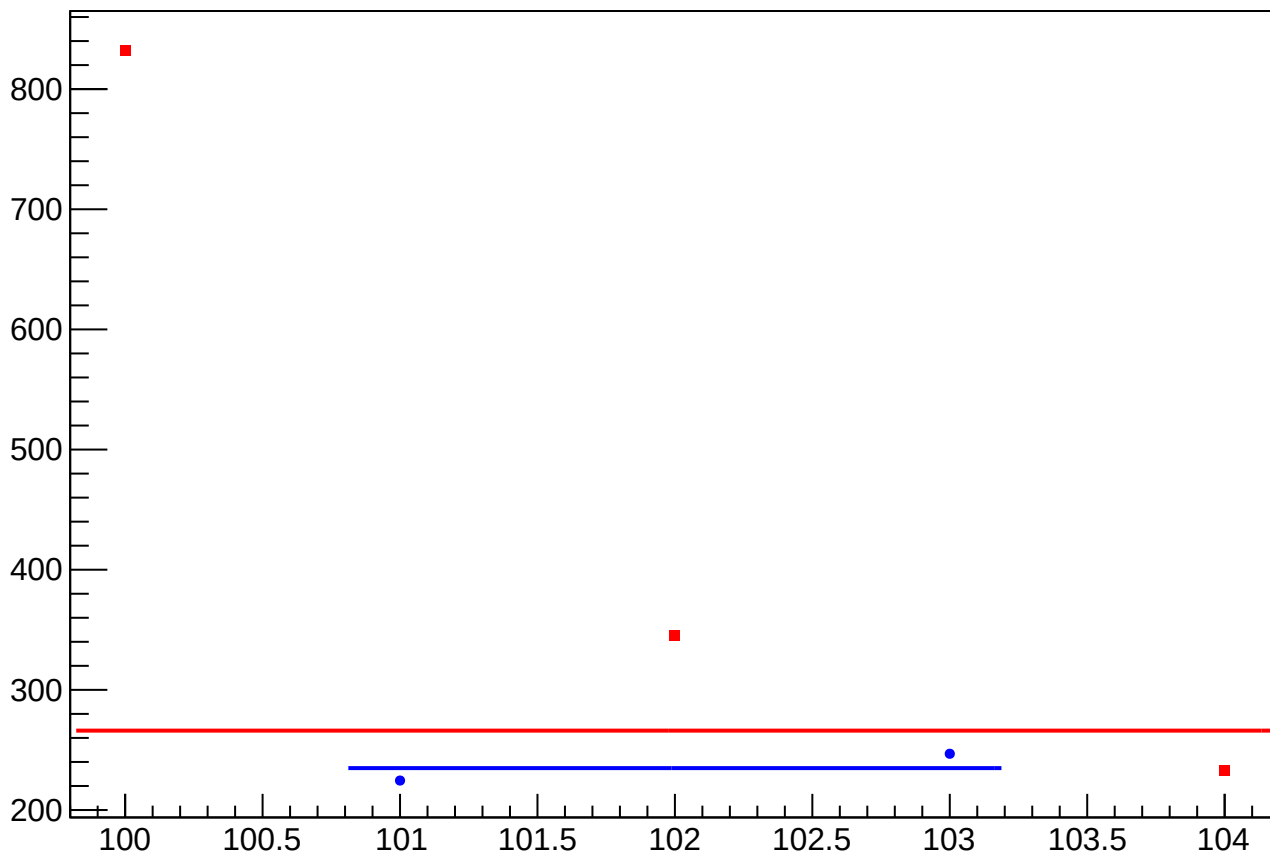
Right: -0.136+/-0.171 χ^2 /NDF: 1.8/4

In: 0.006+/-0.217 χ^2 /NDF:0.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.136+/-0.171 χ^2 /NDF: 1.8/4

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

Right Out: 266.083 ± 0.197 $\chi^2/\text{NDF}: 125023.4/2$

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

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

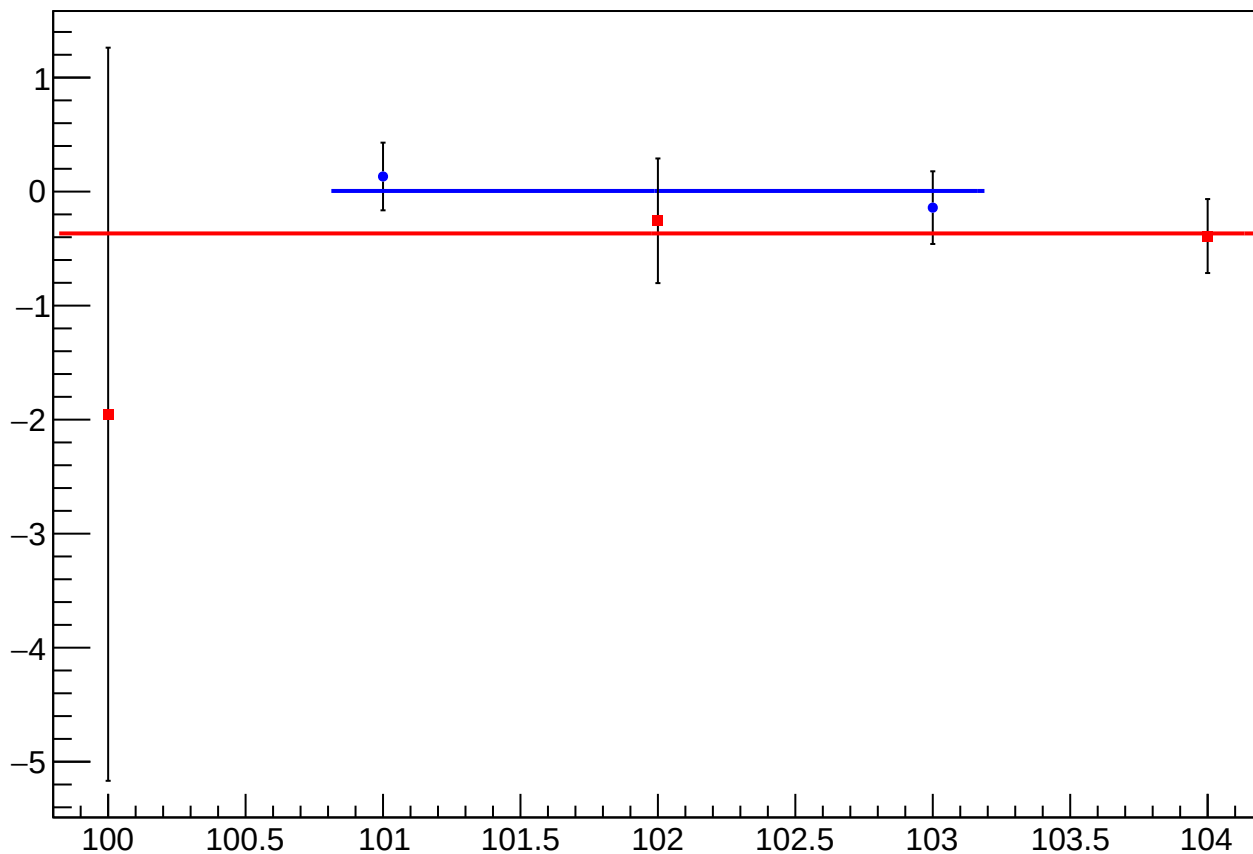
Right: 246.706 ± 0.121 $\chi^2/\text{NDF}: 145919.8/4$

In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

All: 246.706 ± 0.121 $\chi^2/\text{NDF}: 145919.8/4$

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.217 χ^2 /NDF: 0.4/1

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

Right Out: -0.367 $\pm$ 0.278 χ^2 /NDF: 0.3/2

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

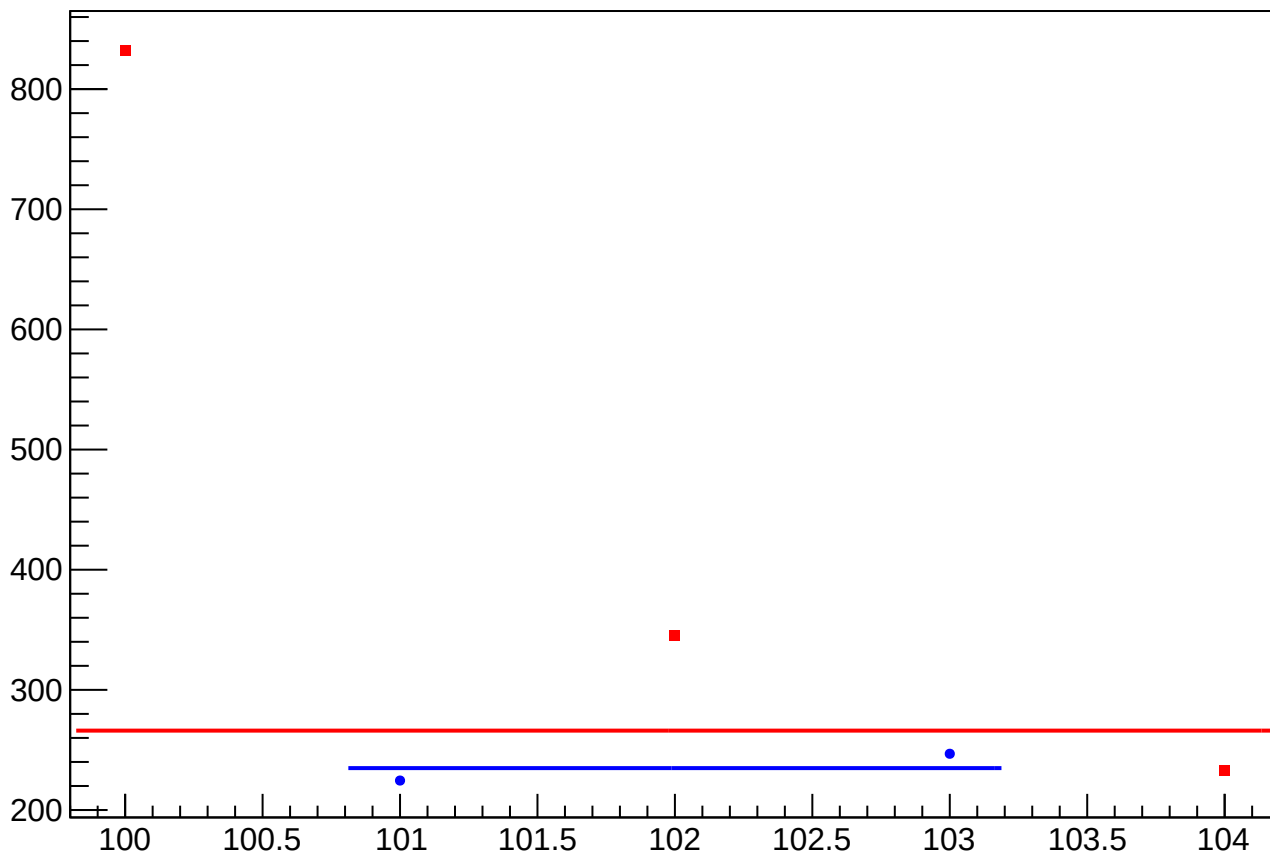
Right: -0.136 $\pm$ 0.171 χ^2 /NDF: 1.8/4

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: -0.136 $\pm$ 0.171 χ^2 /NDF: 1.8/4

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

Right Out: 266.083 ± 0.197 $\chi^2/\text{NDF}: 125023.4/2$

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

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

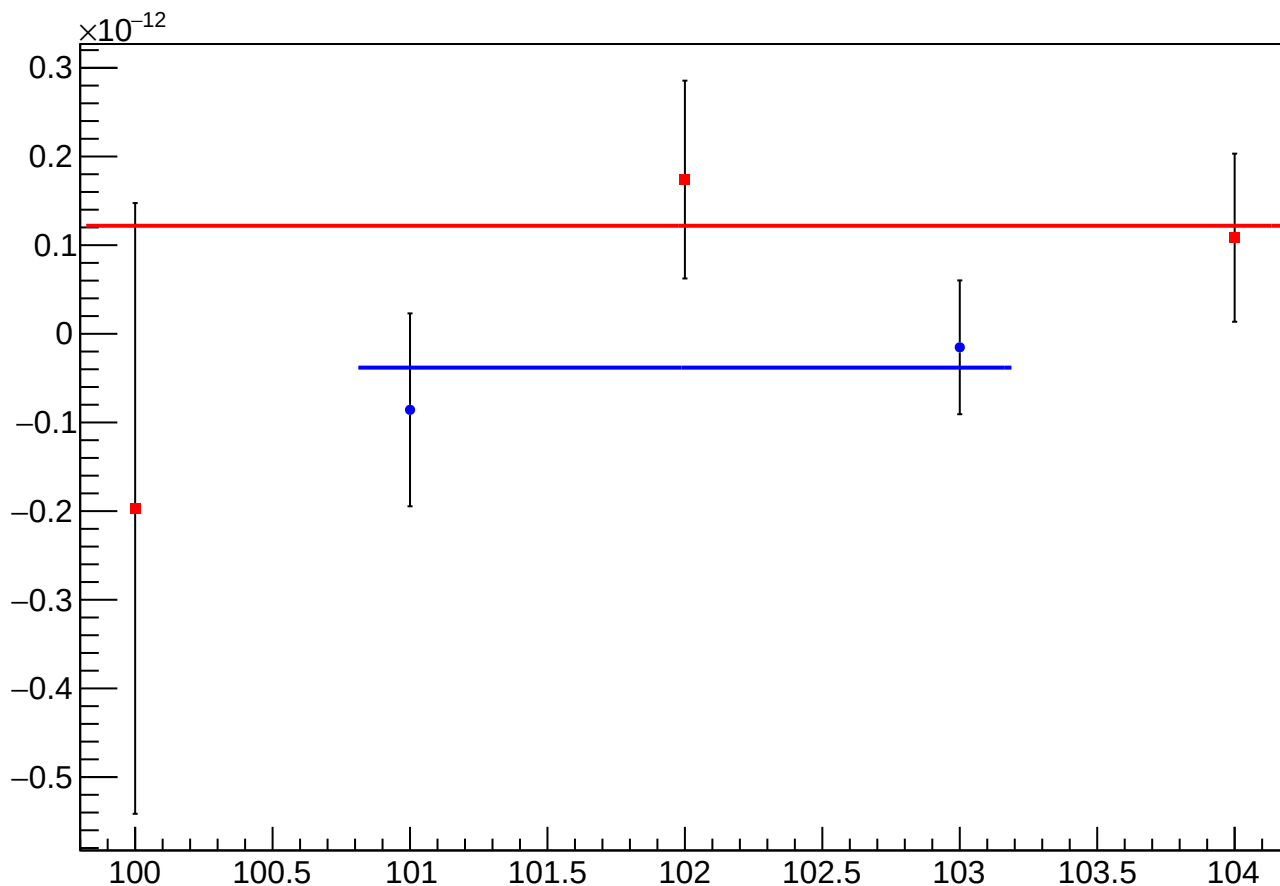
Right: 246.706 ± 0.121 $\chi^2/\text{NDF}: 145919.8/4$

In: 234.878 ± 0.154 $\chi^2/\text{NDF}: 5241.3/1$

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

All: 246.706 ± 0.121 $\chi^2/\text{NDF}: 145919.8/4$

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: 1.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

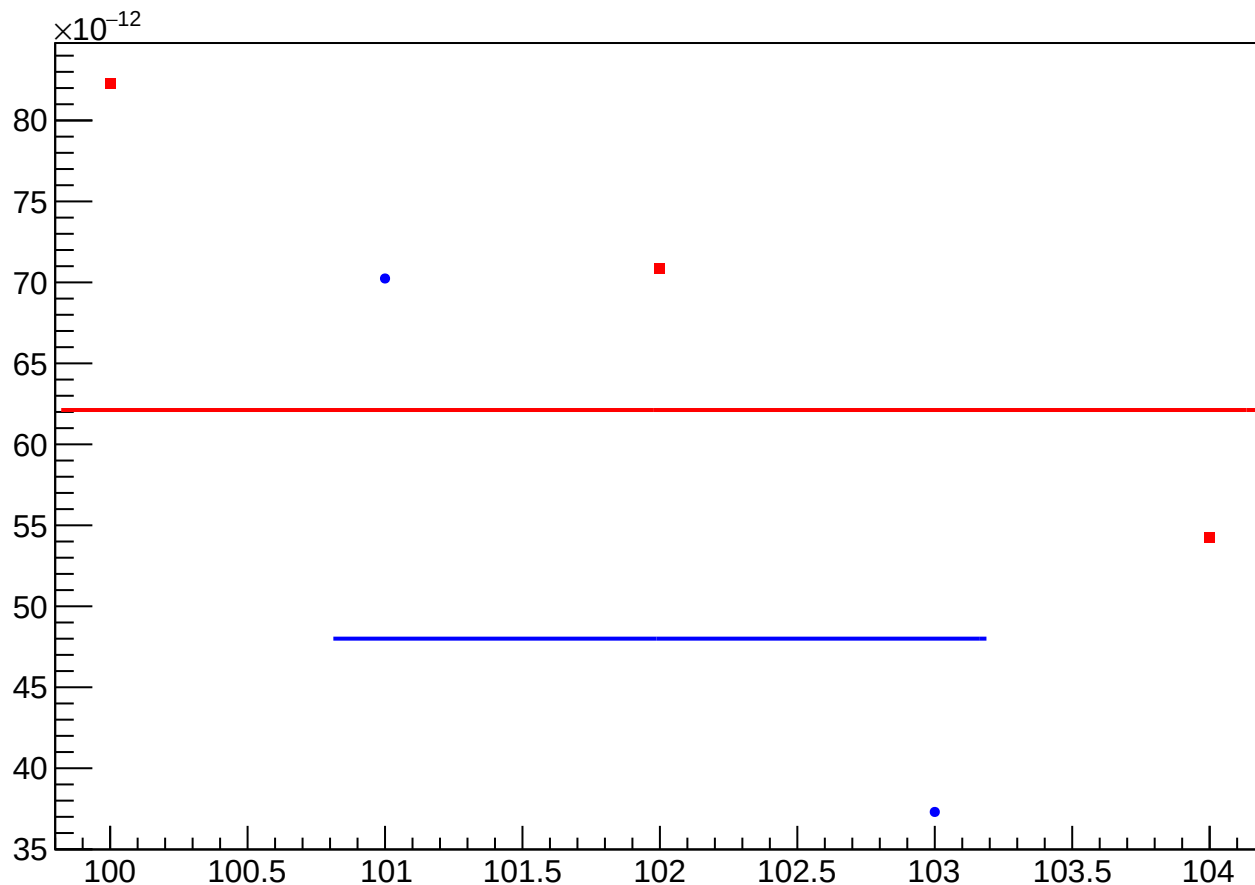
Right: 0.000+/-0.000 χ^2 /NDF: 4.3/4

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: 4.3/4

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 : 32833.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

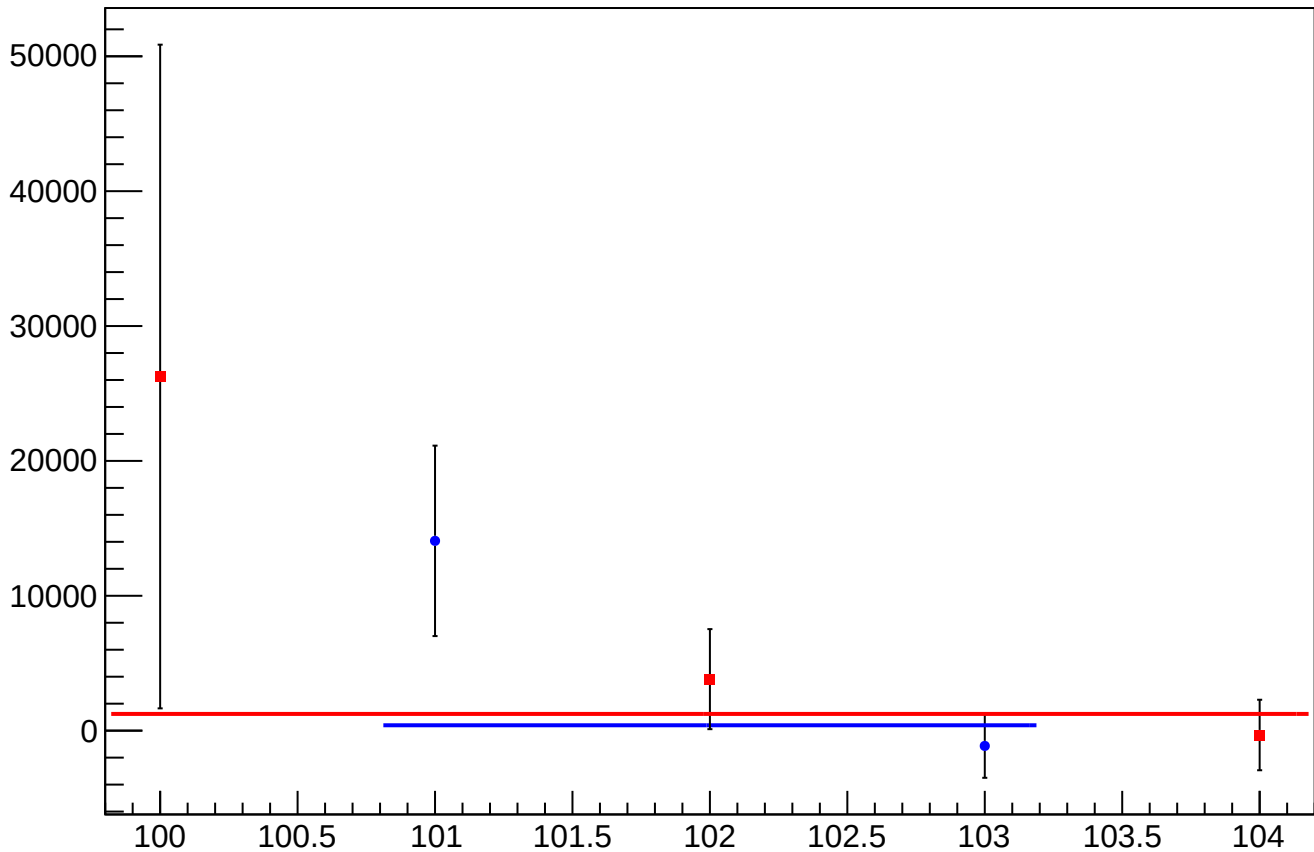
Right: 0.000+/-0.000 χ^2/NDF : 201686.7/4

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 : 201686.7/4

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: 1240.126+/-2128.599 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

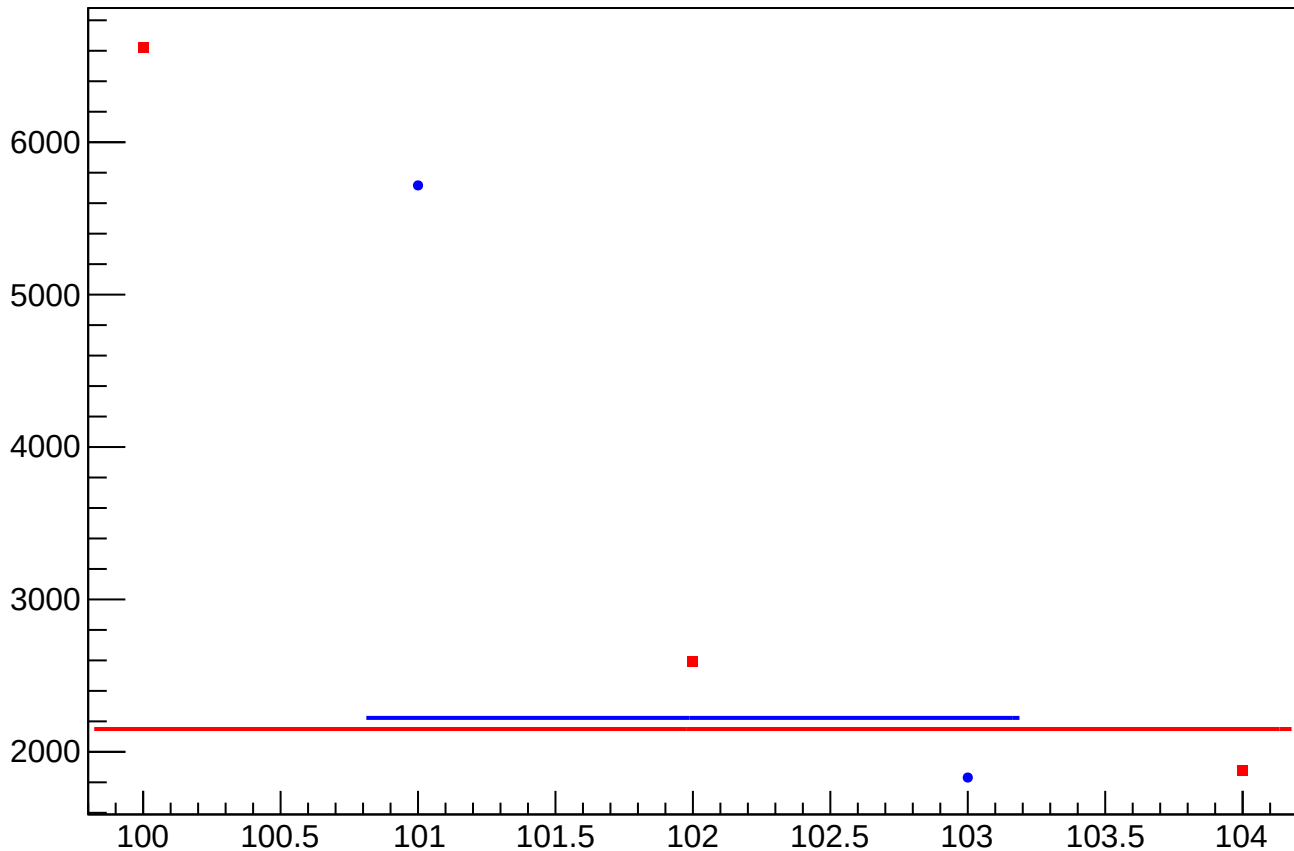
Right: 840.858+/-1543.223 χ^2/NDF : 6.1/4

In: 398.468+/-2240.600 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 840.858+/-1543.223 χ^2/NDF : 6.1/4

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: 2149.812+/-1.505 χ^2/NDF : 116042.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

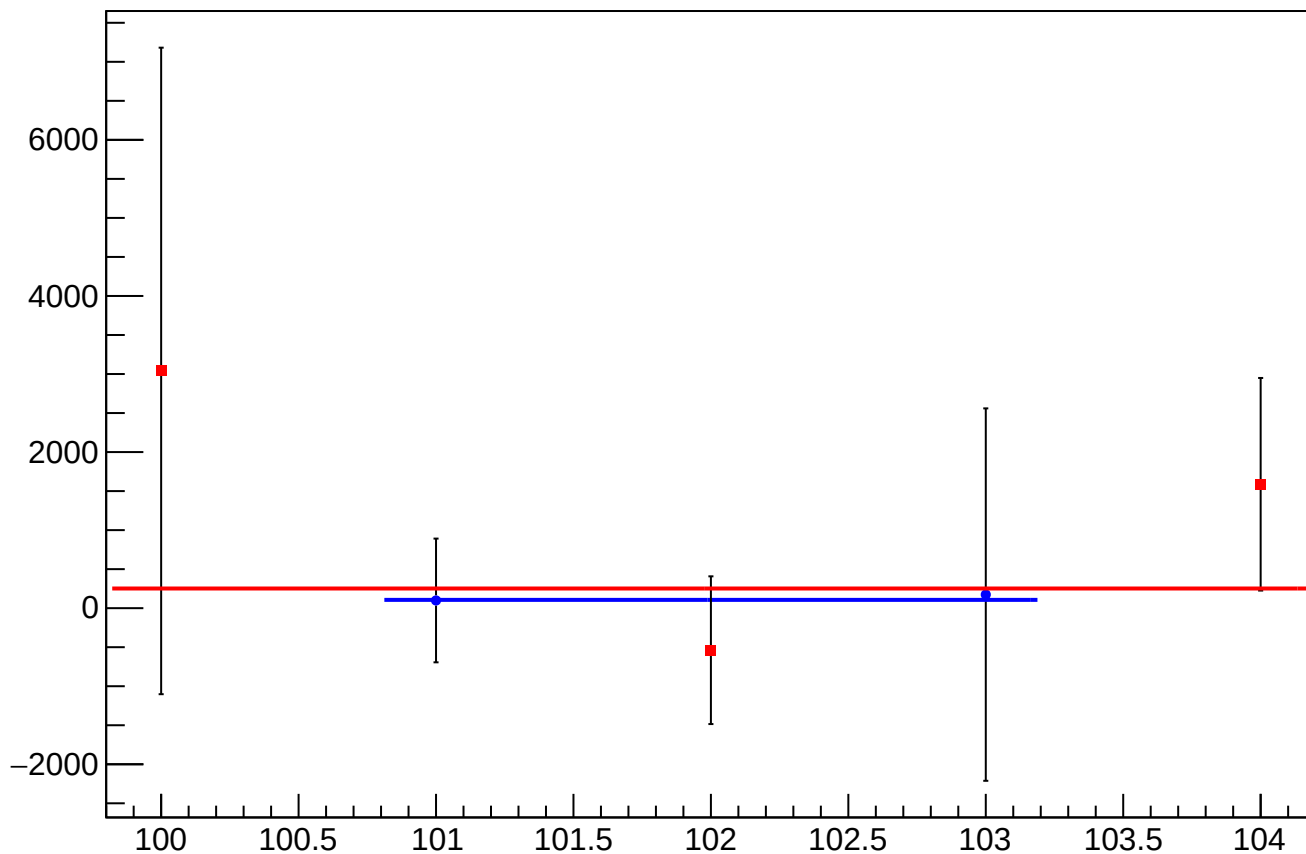
Right: 2184.421+/-1.091 χ^2/NDF : 661882.1/4

In: 2222.768+/-1.584 χ^2/NDF : 544725.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.421+/-1.091 χ^2/NDF : 661882.1/4

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 106.240+/-752.157 χ^2/NDF : 0.0/1

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

Right Out: 251.984+/-763.780 χ^2/NDF : 2.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

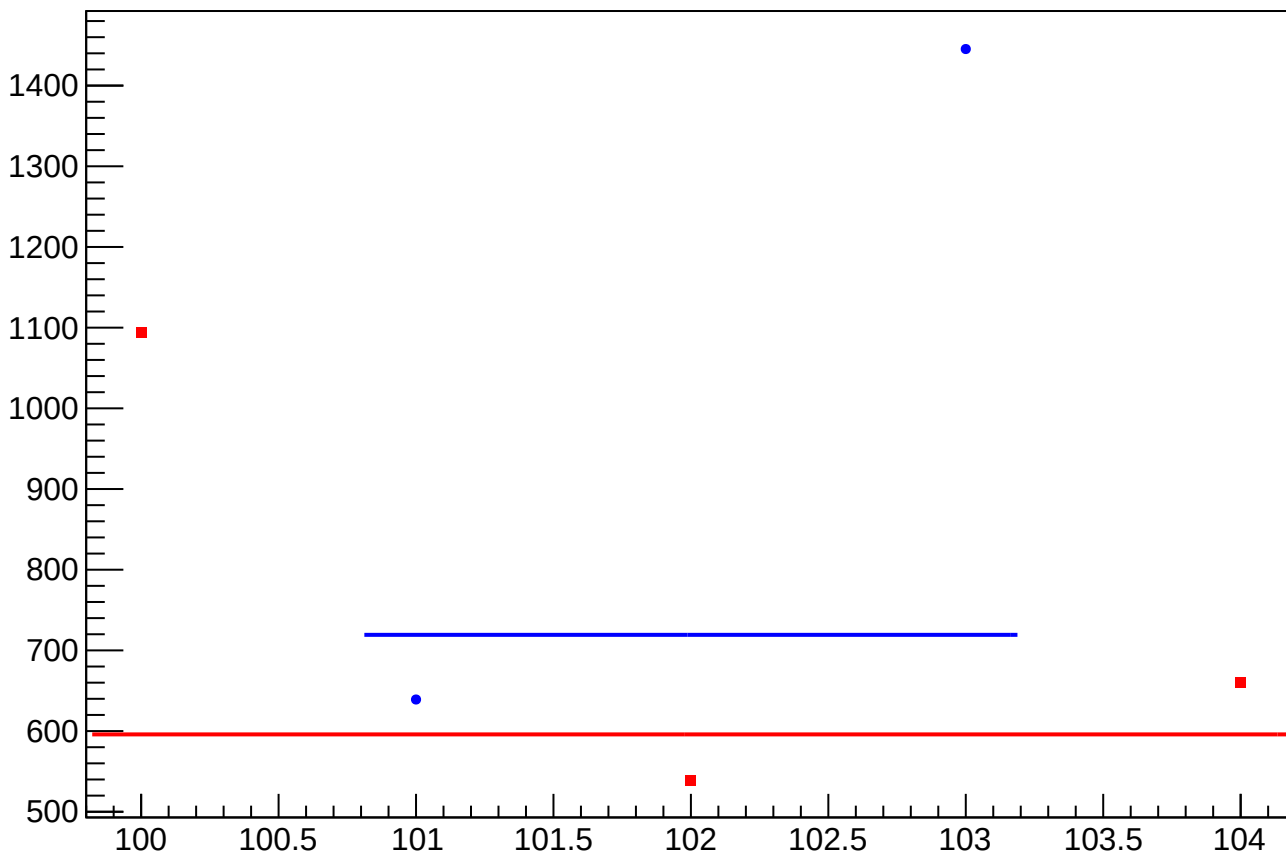
Right: 177.995+/-535.918 χ^2/NDF : 2.1/4

In: 106.240+/-752.157 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.995+/-535.918 χ^2/NDF : 2.1/4

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: 595.888+/-0.540 χ^2/NDF : 40490.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

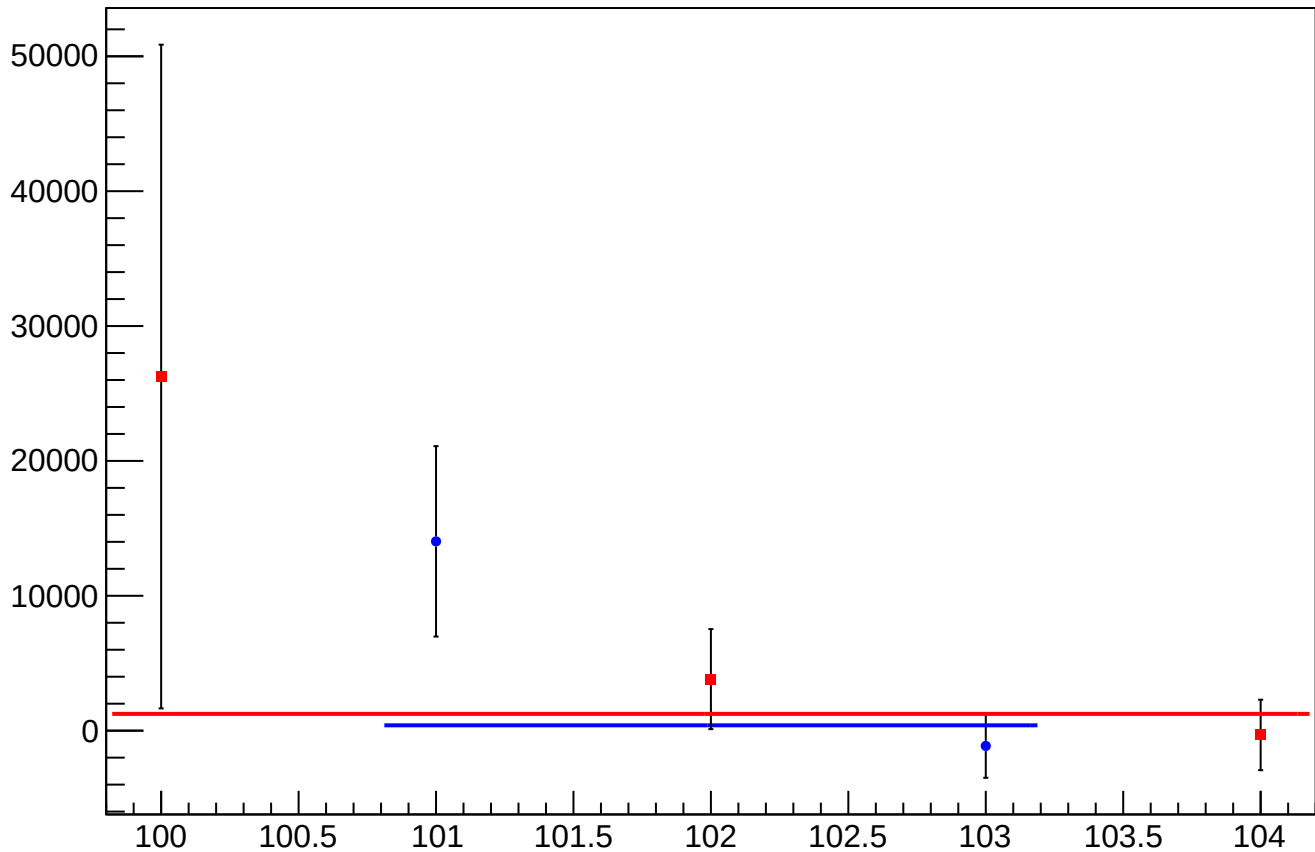
Right: 658.525+/-0.379 χ^2/NDF : 272664.5/4

In: 719.270+/-0.532 χ^2/NDF : 205678.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.525+/-0.379 χ^2/NDF : 272664.5/4

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: 1244.232 $\pm$ 2128.602 χ^2 /NDF: 1.9/2

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

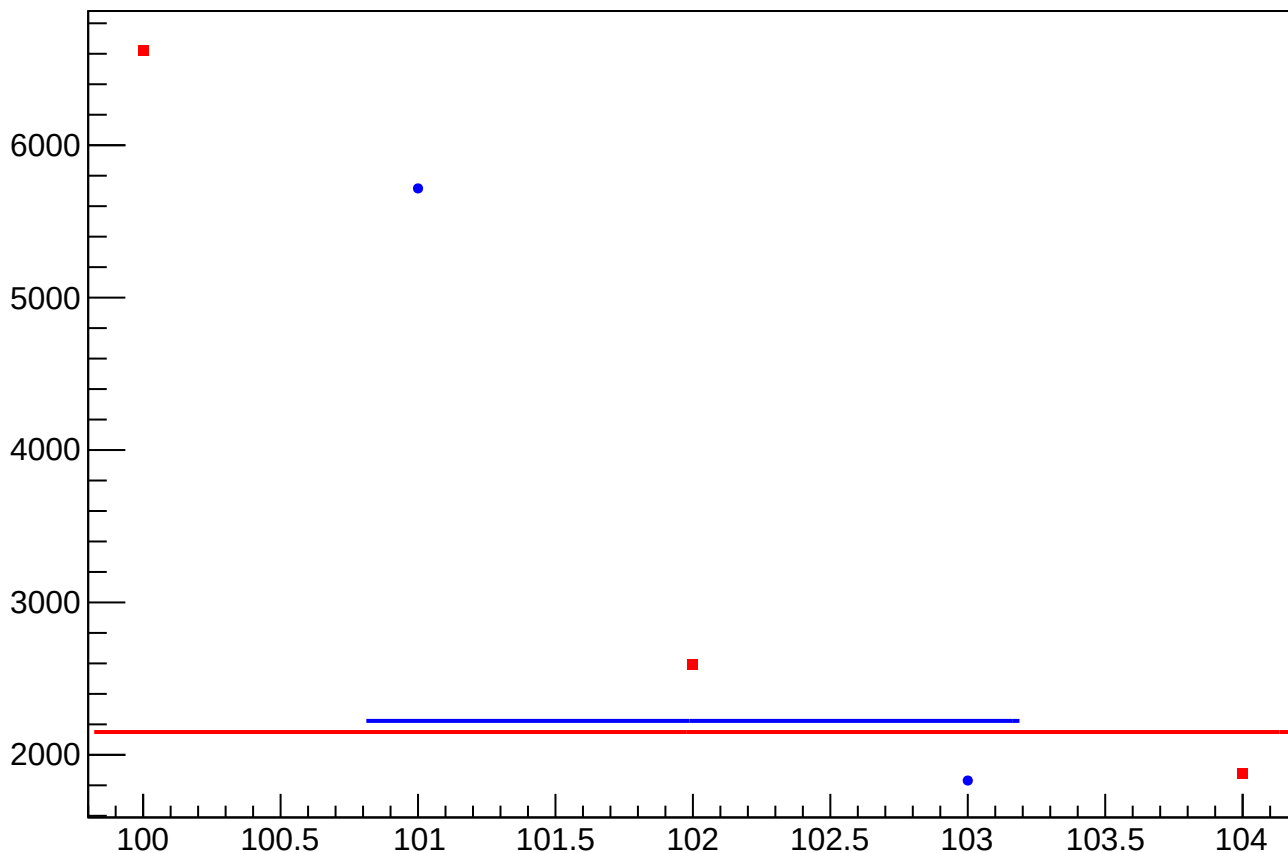
Right: 841.780 $\pm$ 1543.225 χ^2 /NDF: 6.1/4

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: 841.780 $\pm$ 1543.225 χ^2 /NDF: 6.1/4

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2222.767 $\pm$ 1.584 χ^2/NDF : 544725.6/1

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

Right Out: 2149.812 $\pm$ 1.505 χ^2/NDF : 116041.1/2

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

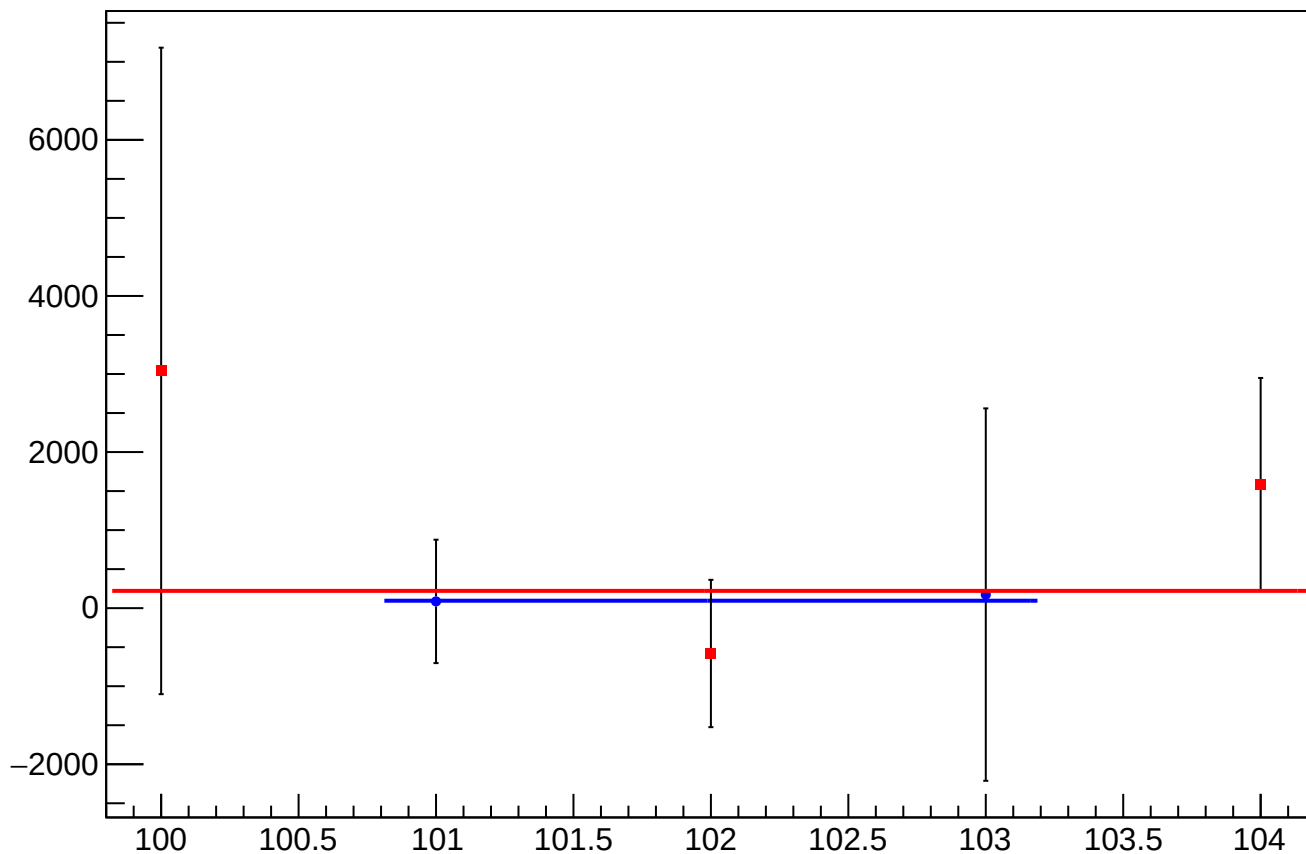
Right: 2184.420 $\pm$ 1.091 χ^2/NDF : 661881.2/4

In: 2222.767 $\pm$ 1.584 χ^2/NDF : 544725.6/1

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

All: 2184.420 $\pm$ 1.091 χ^2/NDF : 661881.2/4

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: 221.460+/-762.551 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

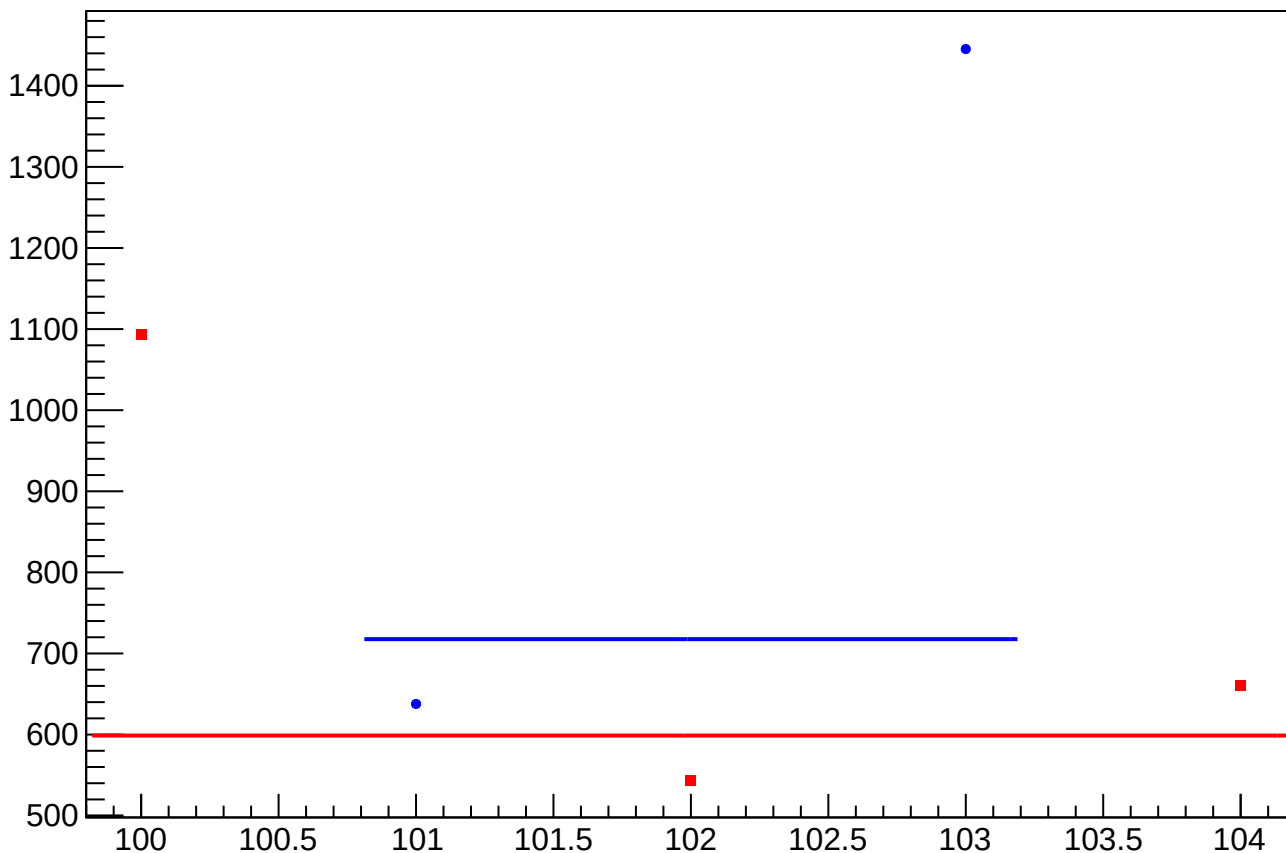
Right: 157.313+/-534.876 χ^2/NDF : 2.2/4

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.313+/-534.876 χ^2/NDF : 2.2/4

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: 598.763+/-0.539 χ^2/NDF : 39392.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

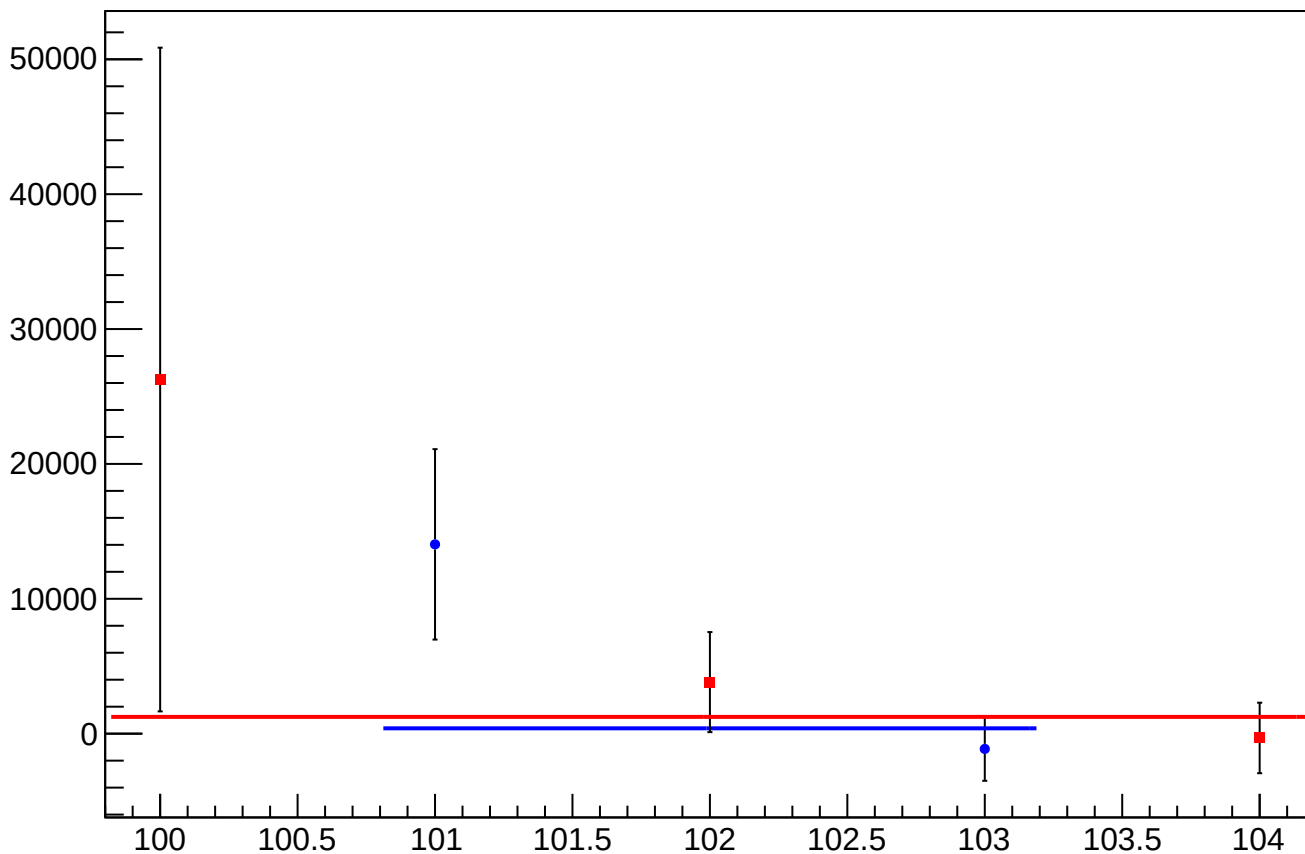
Right: 659.157+/-0.378 χ^2/NDF : 270563.9/4

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.157+/-0.378 χ^2/NDF : 270563.9/4

eigen_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: 1244.232+/-2128.602 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

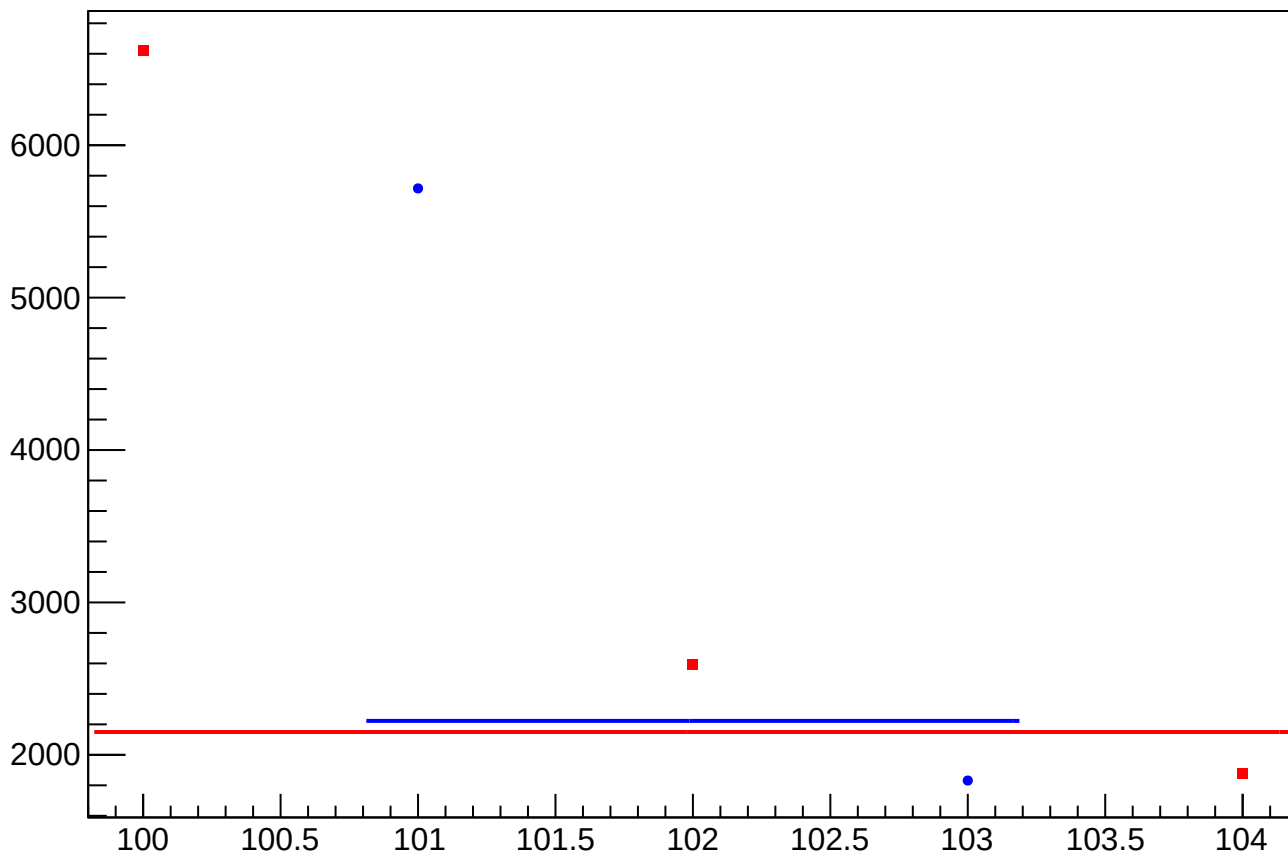
Right: 841.780+/-1543.225 χ^2/NDF : 6.1/4

In: 395.862+/-2240.603 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 841.780+/-1543.225 χ^2/NDF : 6.1/4

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: 2149.812+/-1.505 χ^2/NDF : 116041.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

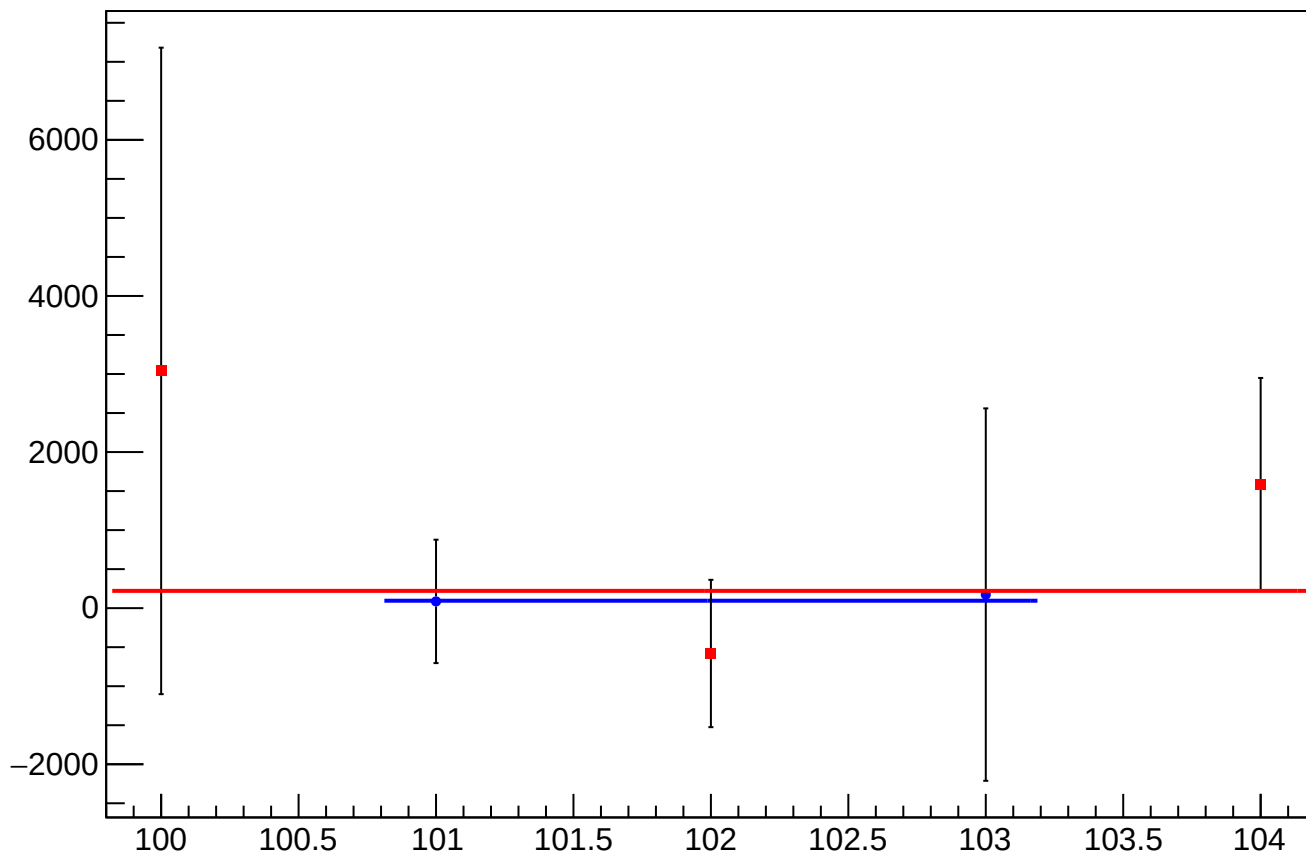
Right: 2184.420+/-1.091 χ^2/NDF : 661881.2/4

In: 2222.767+/-1.584 χ^2/NDF : 544725.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.420+/-1.091 χ^2/NDF : 661881.2/4

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: 221.460+/-762.551 χ^2/NDF : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

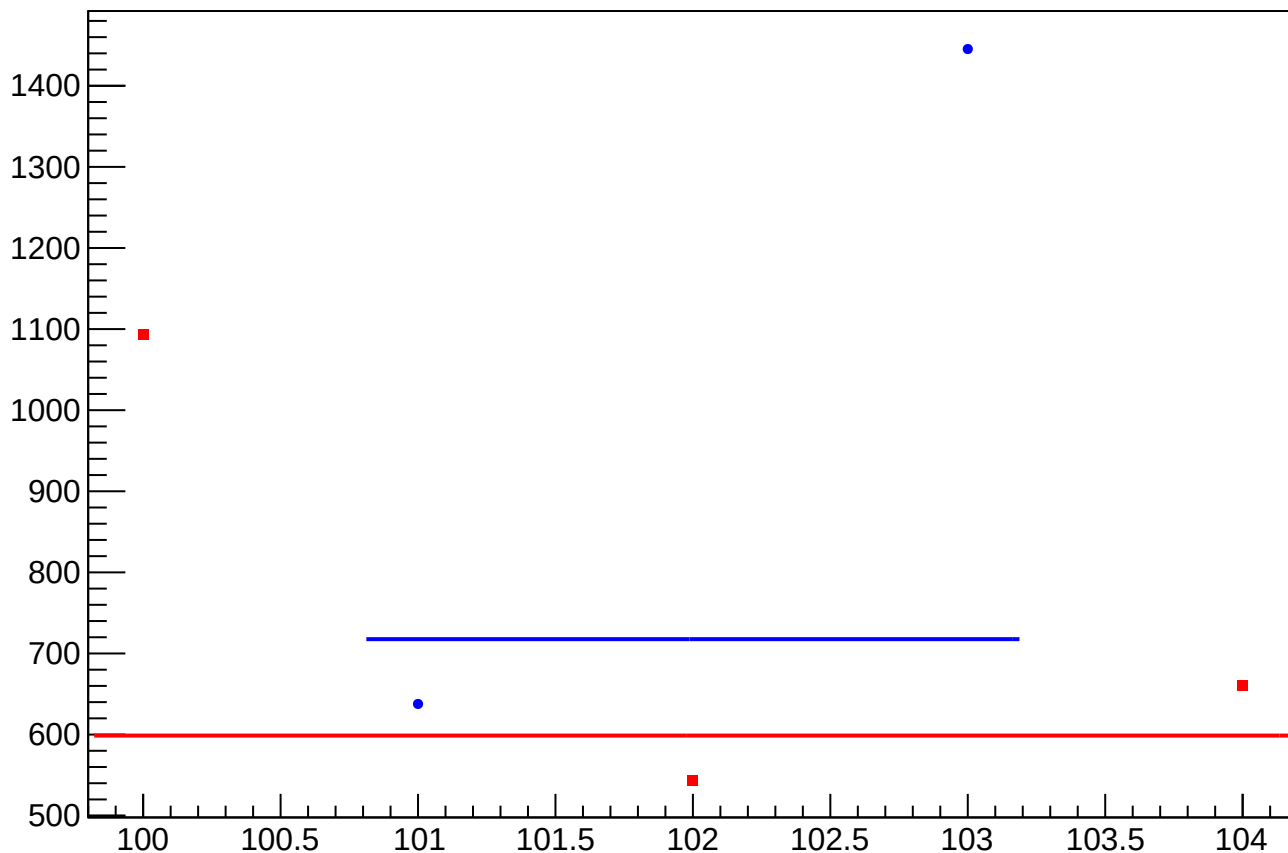
Right: 157.313+/-534.876 χ^2/NDF : 2.2/4

In: 95.186+/-750.452 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.313+/-534.876 χ^2/NDF : 2.2/4

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: 598.763+/-0.539 χ^2/NDF : 39392.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

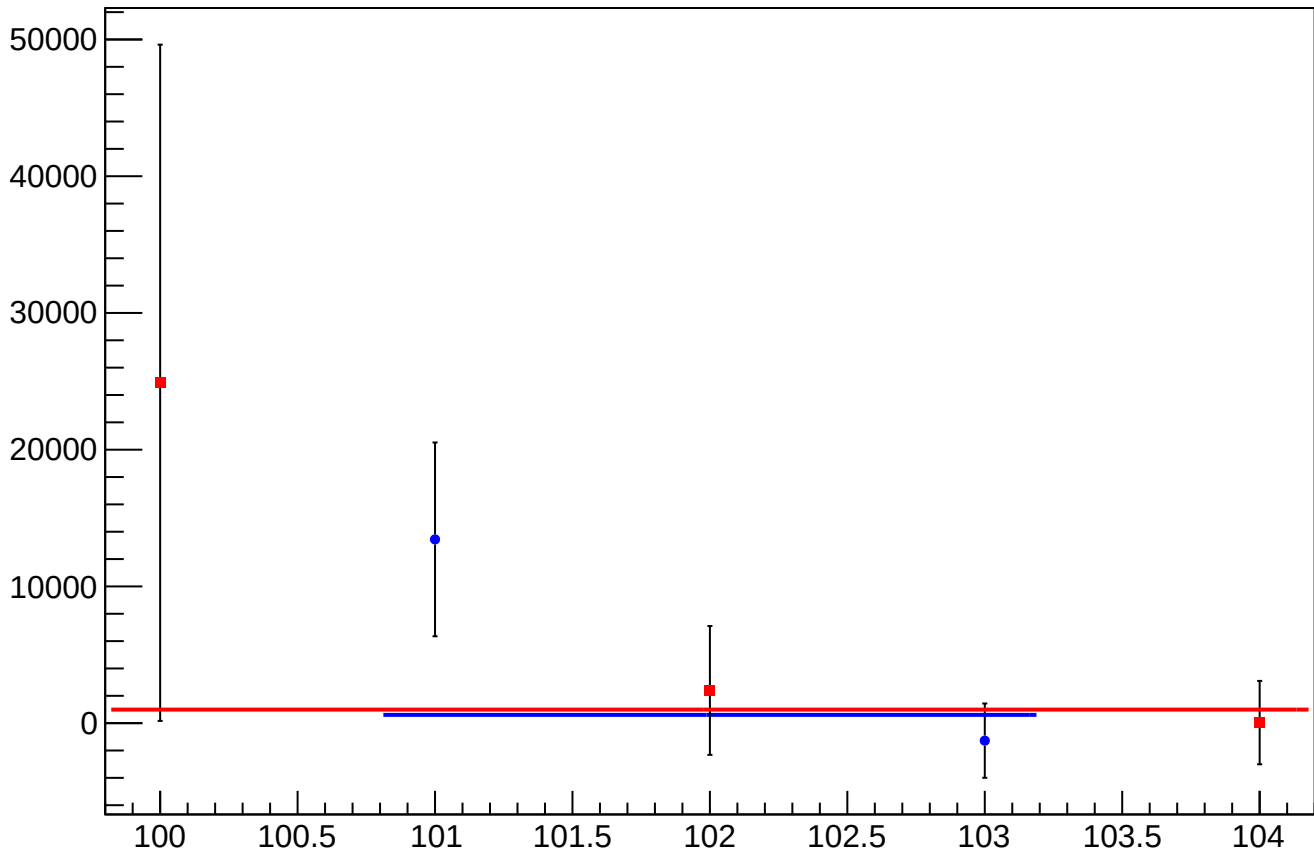
Right: 659.157+/-0.378 χ^2/NDF : 270563.9/4

In: 717.650+/-0.531 χ^2/NDF : 206475.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 659.157+/-0.378 χ^2/NDF : 270563.9/4

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 606.964 $\pm$ 2536.684 χ^2 /NDF: 3.8/1

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

Right Out: 991.188 $\pm$ 2545.685 χ^2 /NDF: 1.1/2

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

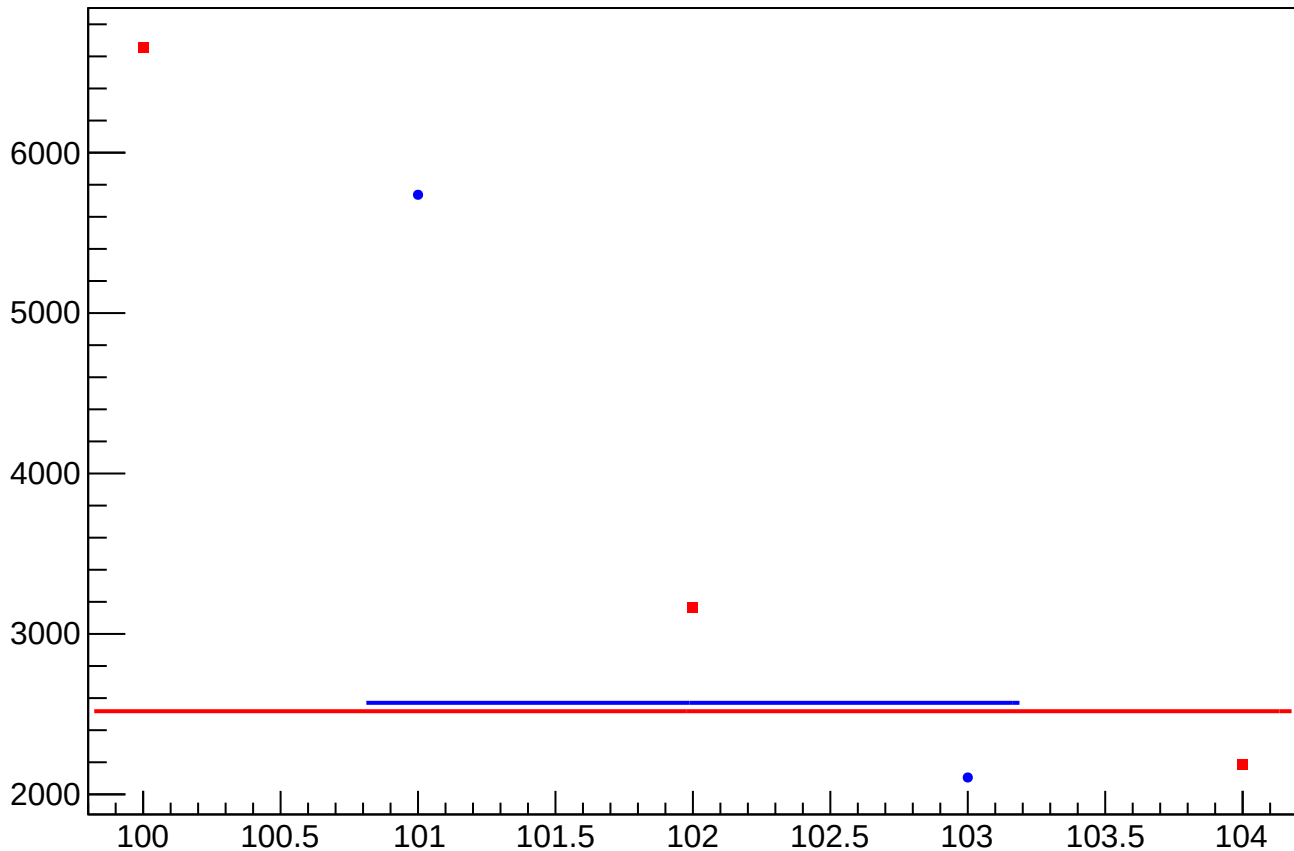
Right: 798.396 $\pm$ 1796.880 χ^2 /NDF: 4.9/4

In: 606.964 $\pm$ 2536.684 χ^2 /NDF:3.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 798.396 $\pm$ 1796.880 χ^2 /NDF: 4.9/4

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: 2518.237+/-1.800 χ^2/NDF : 117474.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

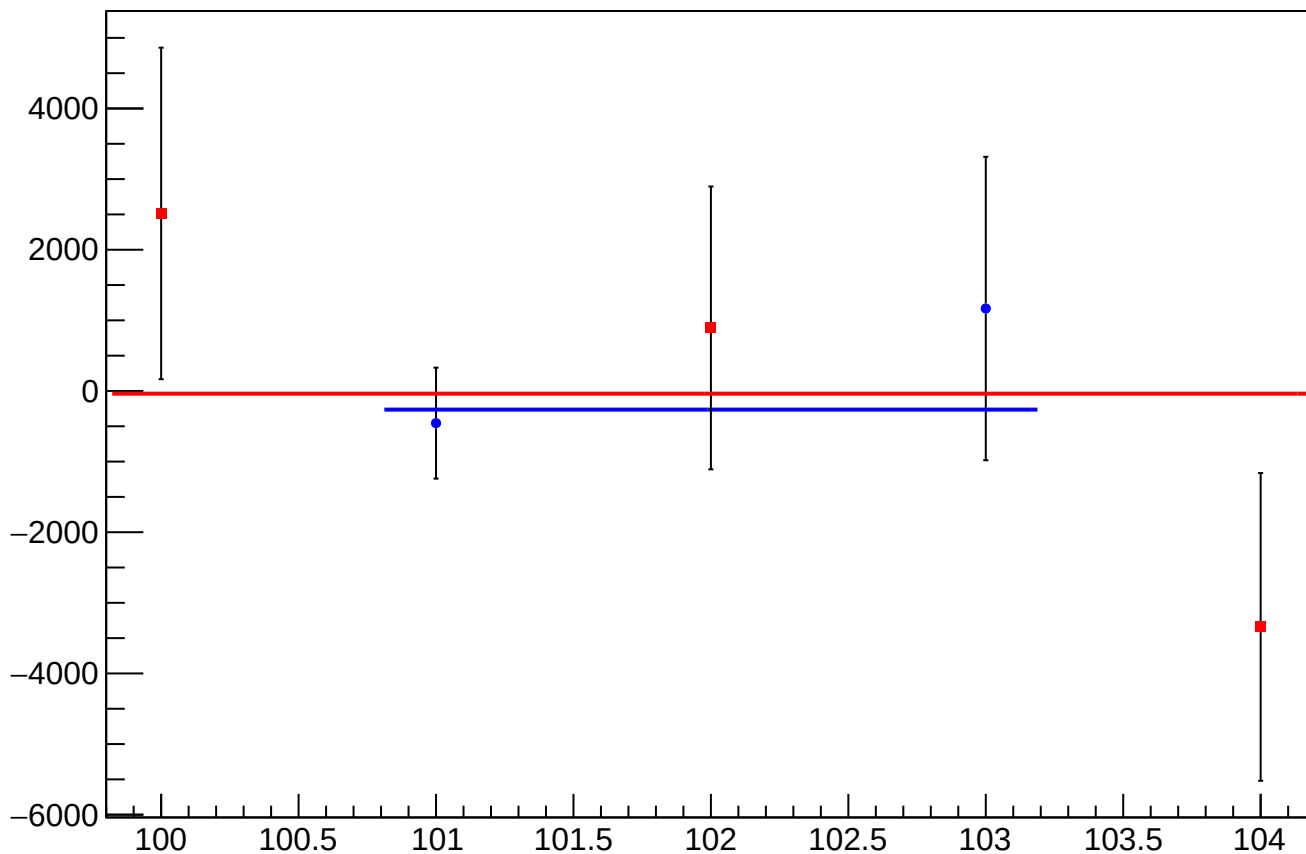
Right: 2544.524+/-1.271 χ^2/NDF : 576073.0/4

In: 2570.628+/-1.794 χ^2/NDF : 458173.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.524+/-1.271 χ^2/NDF : 576073.0/4

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: -38.225+/-1248.624 χ^2/NDF : 3.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

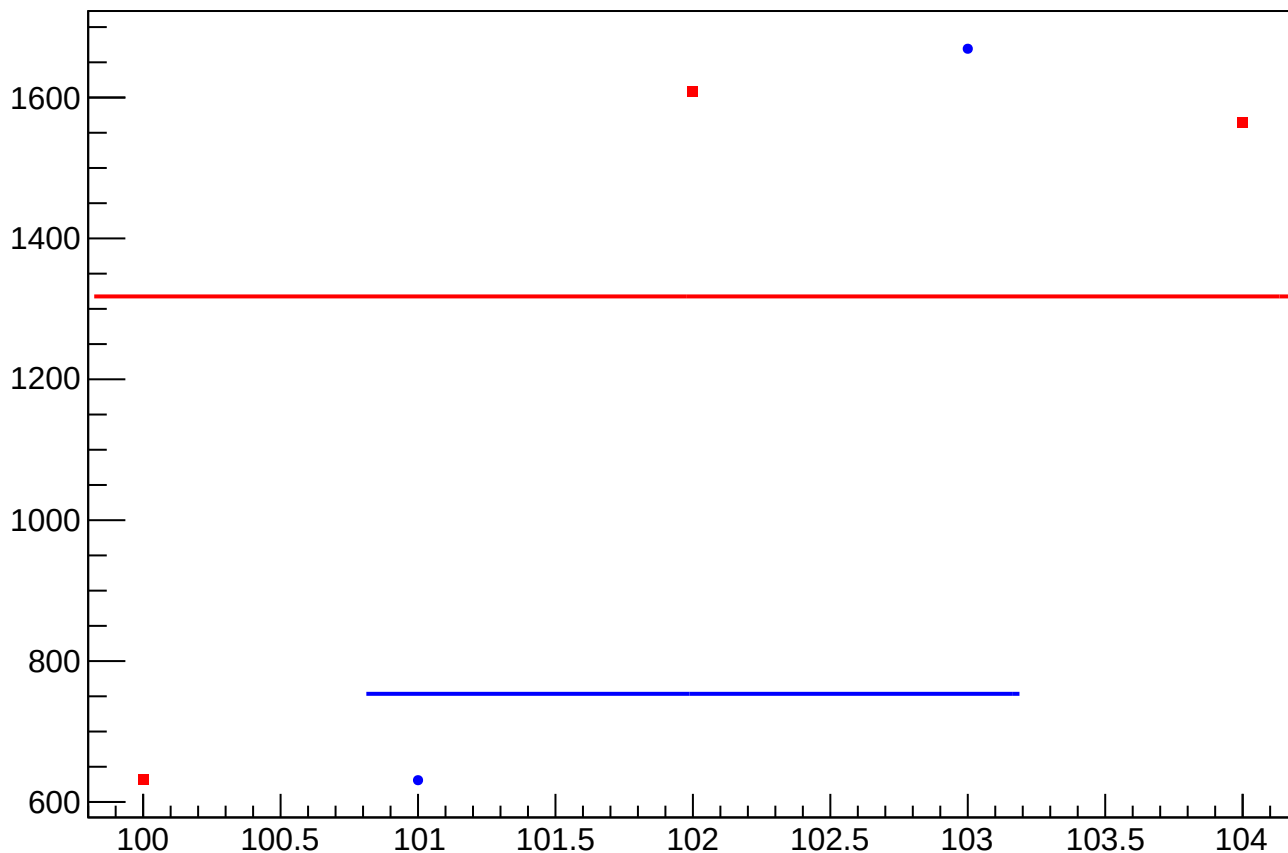
Right: -205.472+/-635.425 χ^2/NDF : 4.2/4

In: -263.923+/-738.158 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.472+/-635.425 χ^2/NDF : 4.2/4

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: 1317.655+/-0.883 χ^2/NDF : 238699.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

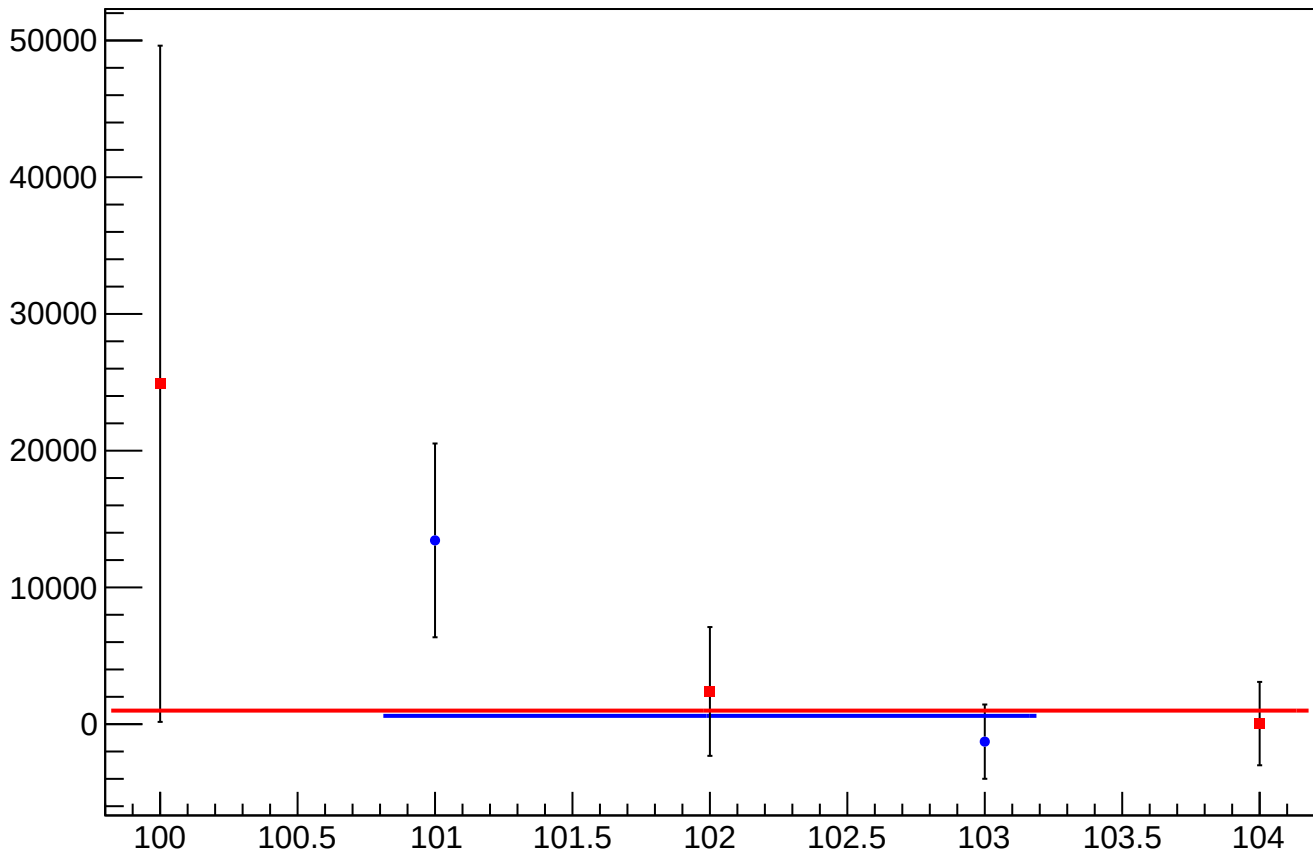
Right: 899.625+/-0.449 χ^2/NDF : 953312.1/4

In: 753.527+/-0.522 χ^2/NDF : 412094.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.625+/-0.449 χ^2/NDF : 953312.1/4

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: 991.175+/-2545.681 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

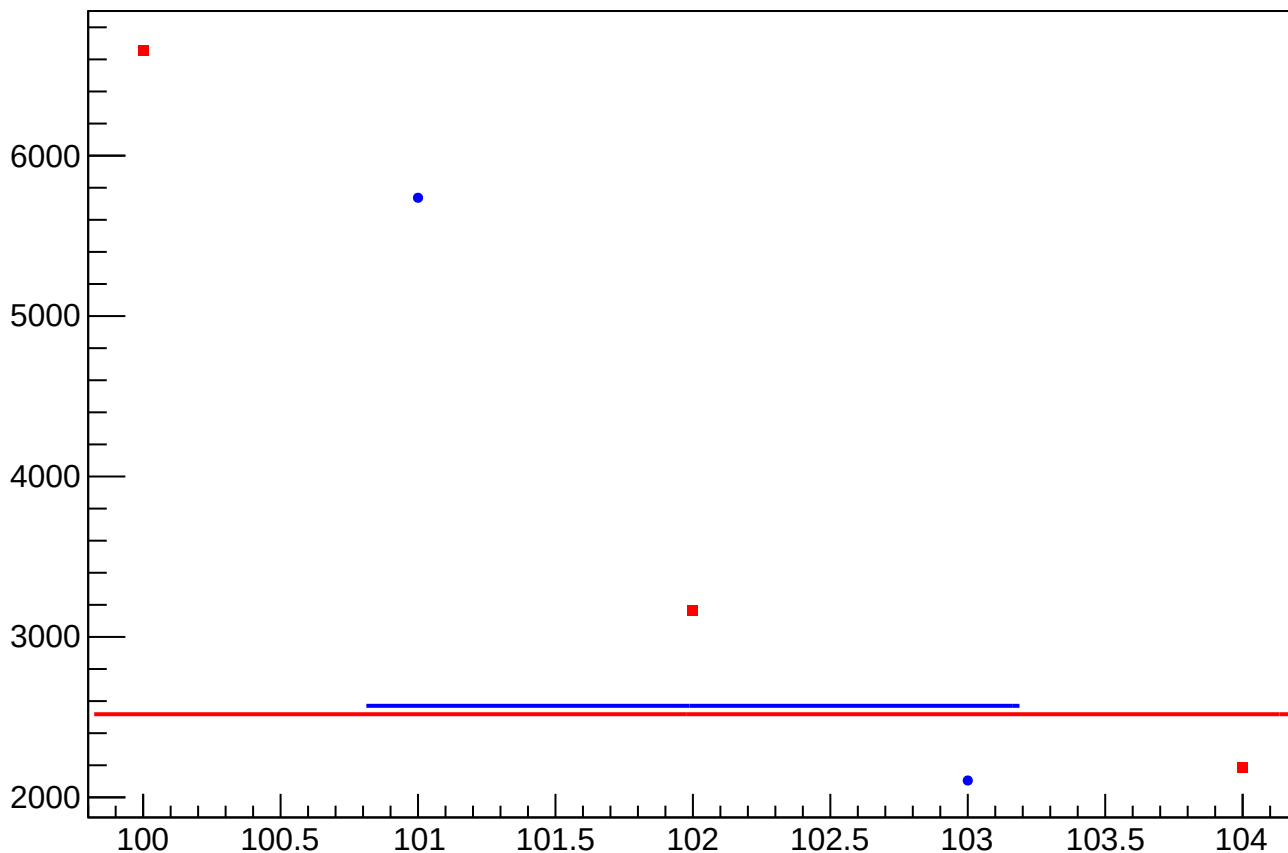
Right: 798.383+/-1796.878 χ^2/NDF : 4.9/4

In: 606.951+/-2536.680 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 798.383+/-1796.878 χ^2/NDF : 4.9/4

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: 2518.233+/-1.800 χ^2/NDF : 117474.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

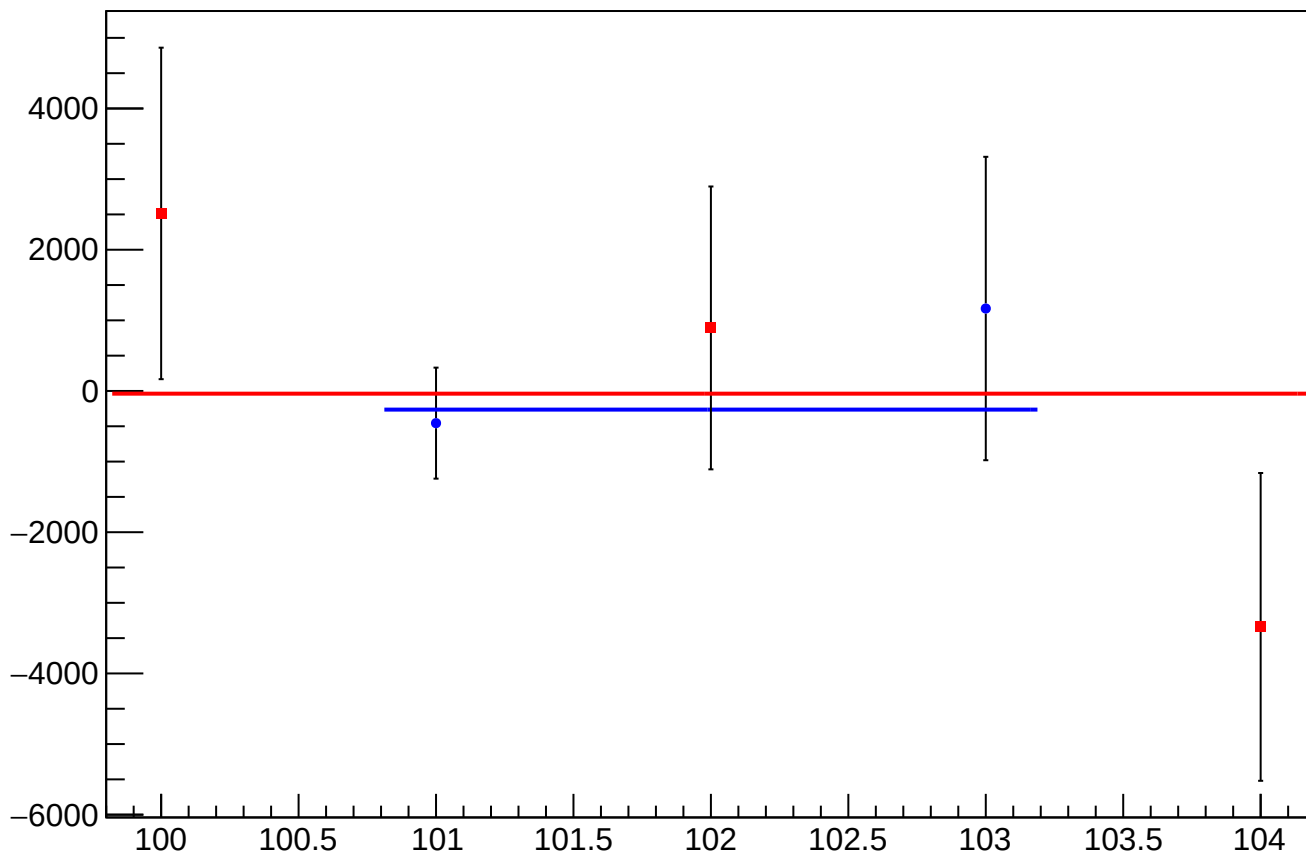
Right: 2544.520+/-1.271 χ^2/NDF : 576074.2/4

In: 2570.623+/-1.794 χ^2/NDF : 458174.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.520+/-1.271 χ^2/NDF : 576074.2/4

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: -38.221+/-1248.626 χ^2/NDF : 3.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

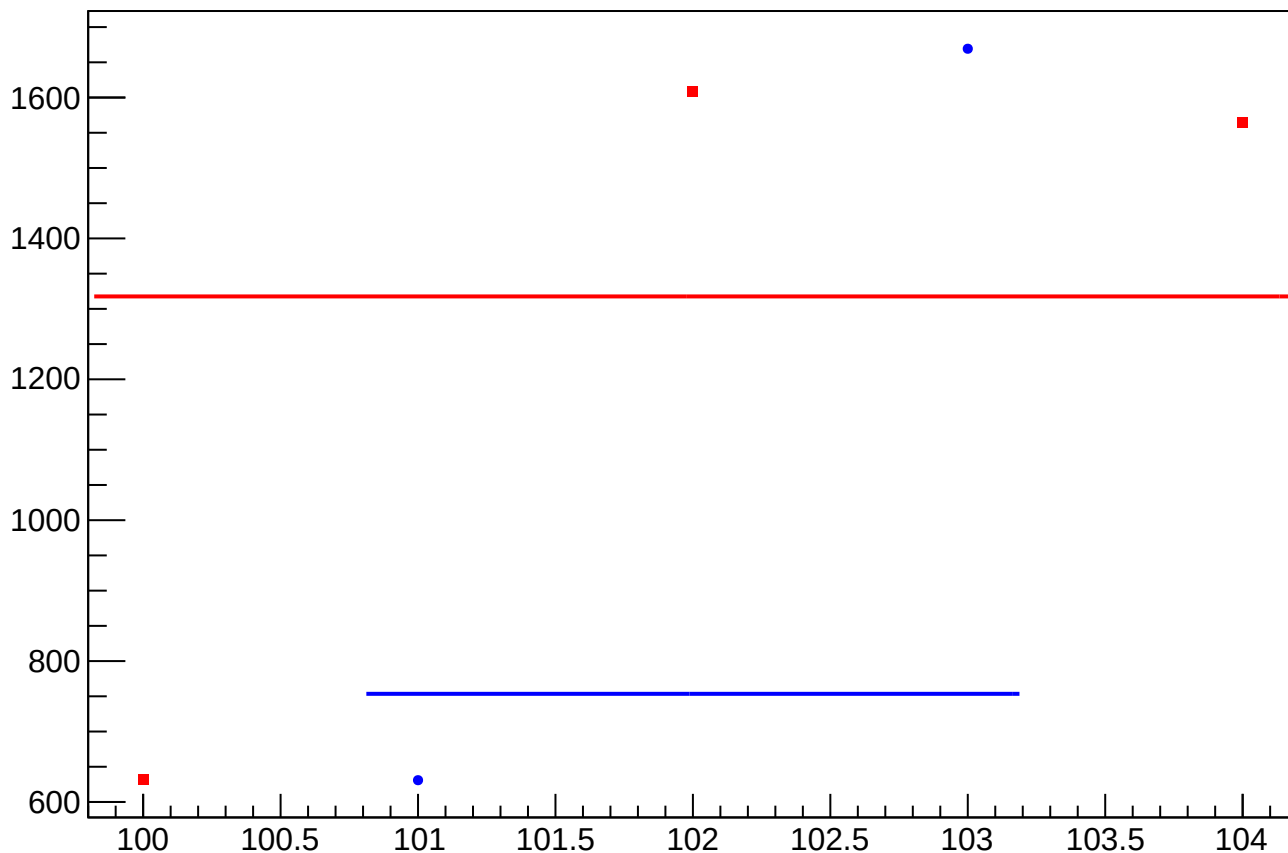
Right: -205.473+/-635.425 χ^2/NDF : 4.2/4

In: -263.926+/-738.157 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.473+/-635.425 χ^2/NDF : 4.2/4

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: 1317.656+/-0.883 χ^2/NDF : 238702.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

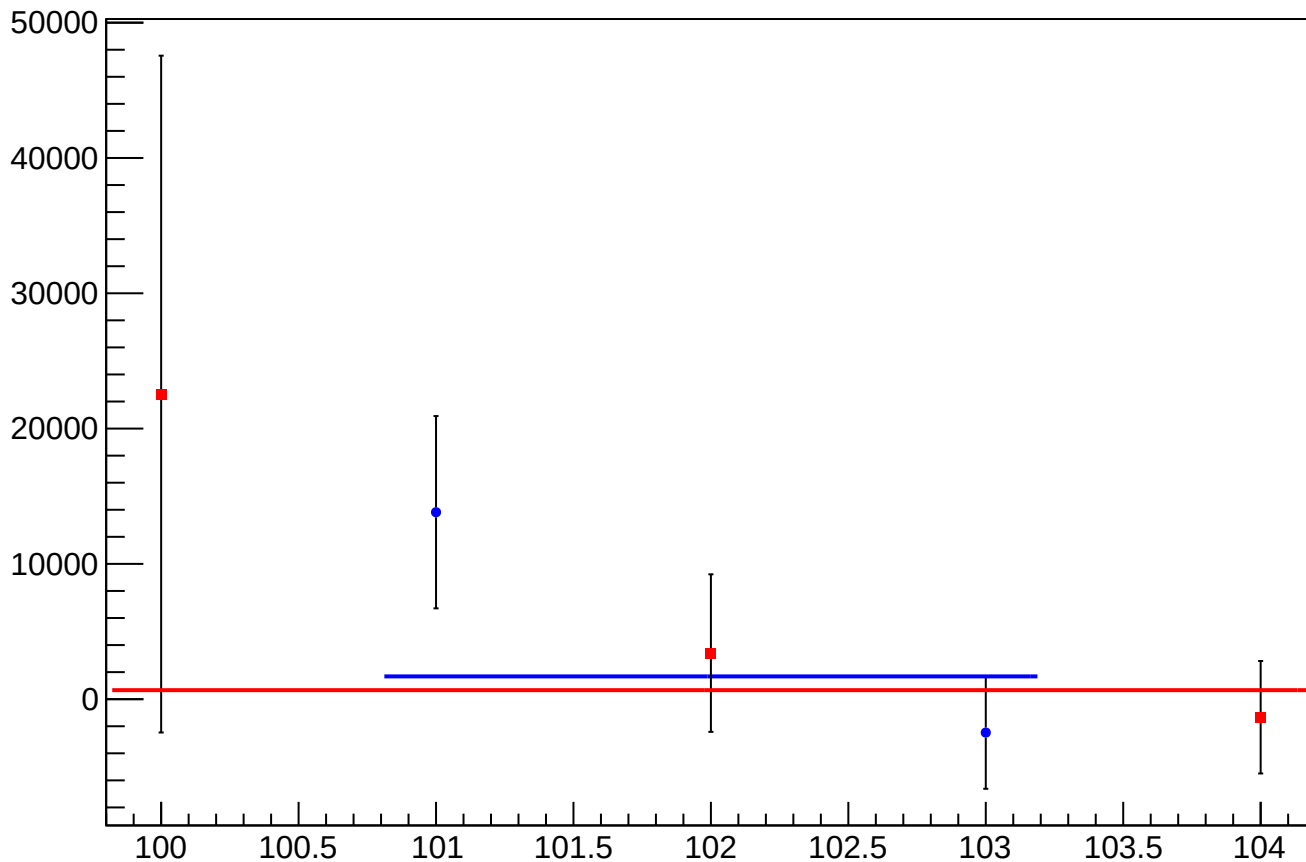
Right: 899.623+/-0.449 χ^2/NDF : 953321.8/4

In: 753.525+/-0.522 χ^2/NDF : 412098.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.623+/-0.449 χ^2/NDF : 953321.8/4

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: 667.185+/-3352.721 χ^2/NDF : 1.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

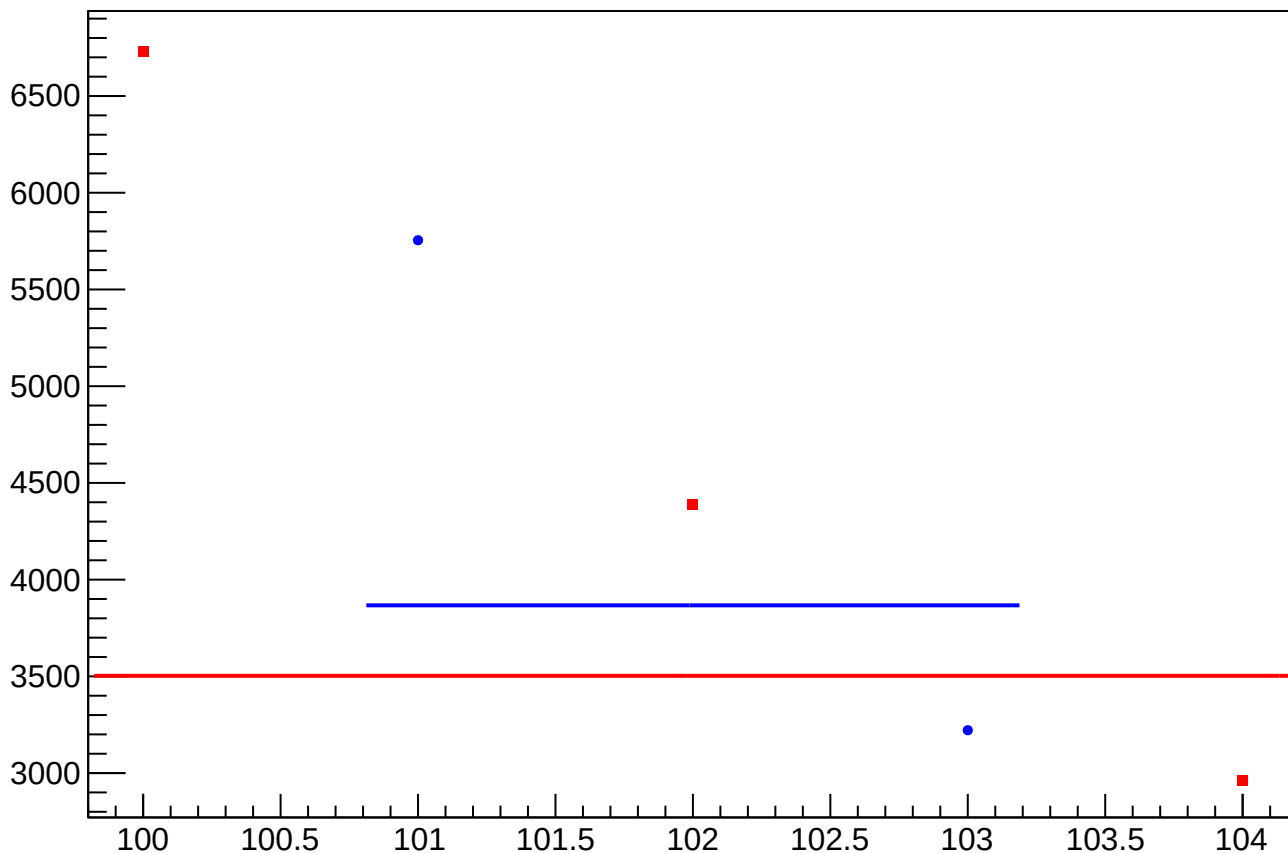
Right: 1141.487+/-2449.619 χ^2/NDF : 5.2/4

In: 1684.628+/-3587.783 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1141.487+/-2449.619 χ^2/NDF : 5.2/4

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: 3502.792+/-2.371 χ^2/NDF : 113124.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

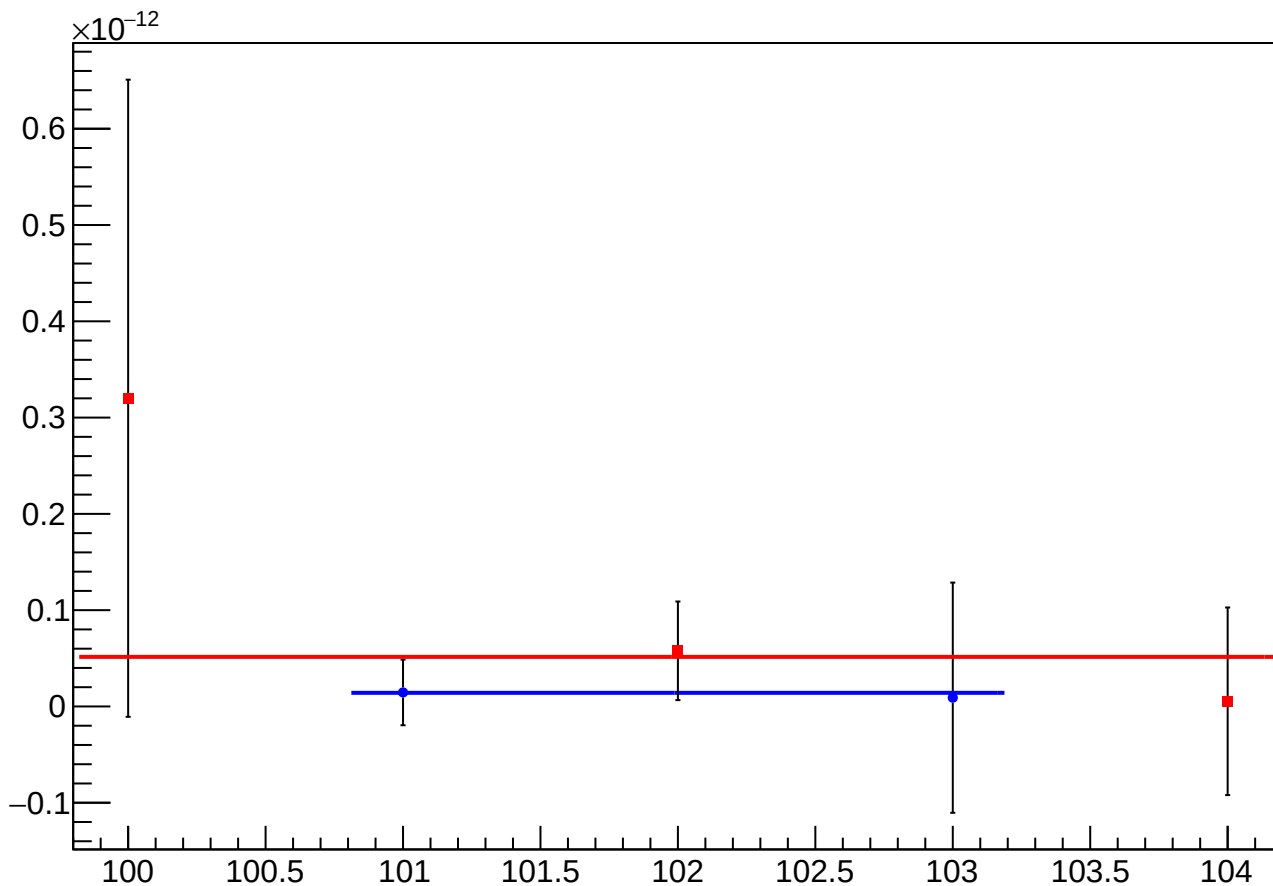
Right: 3672.653+/-1.732 χ^2/NDF : 313466.4/4

In: 3867.189+/-2.537 χ^2/NDF : 189327.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3672.653+/-1.732 χ^2/NDF : 313466.4/4

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 : 0.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

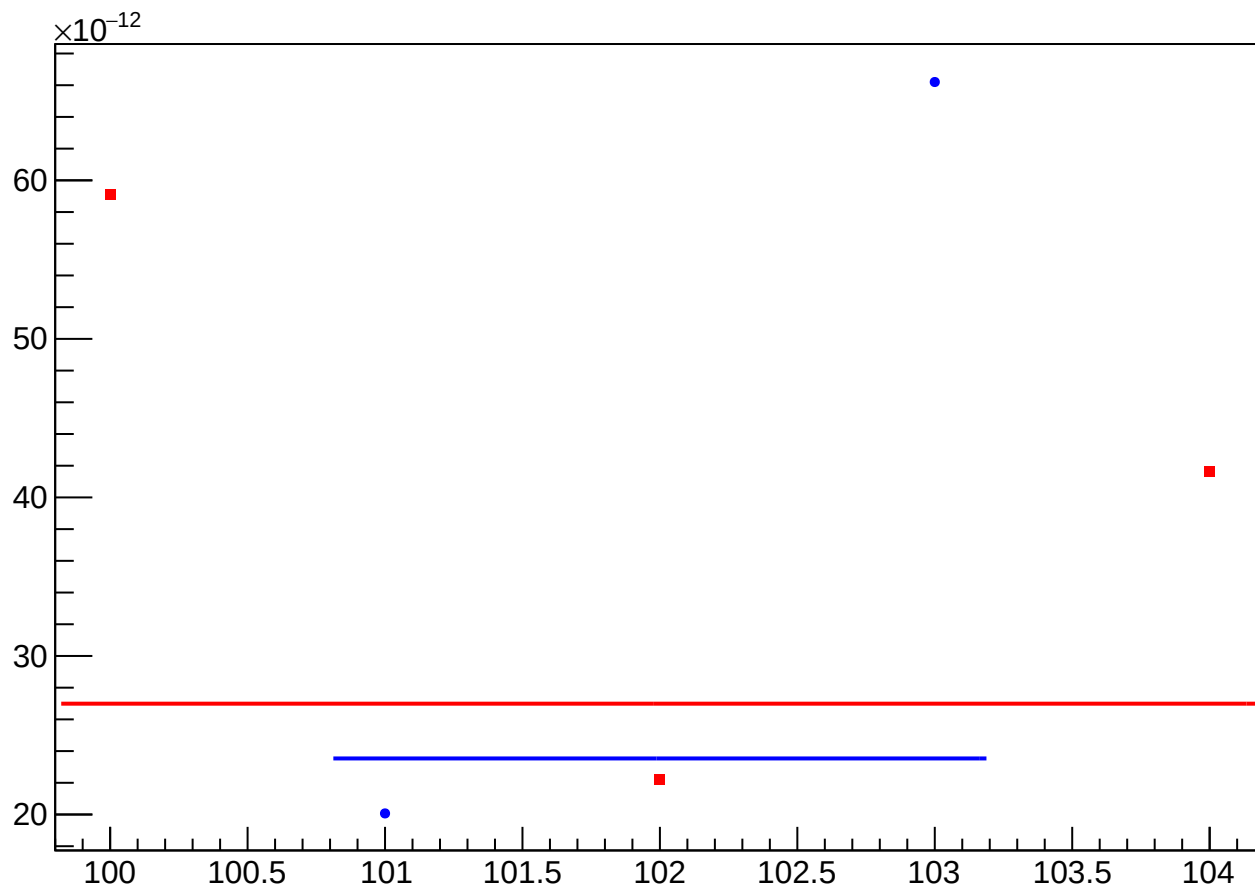
Right: 0.000+/-0.000 χ^2/NDF : 1.4/4

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 : 1.4/4

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 : 81658.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

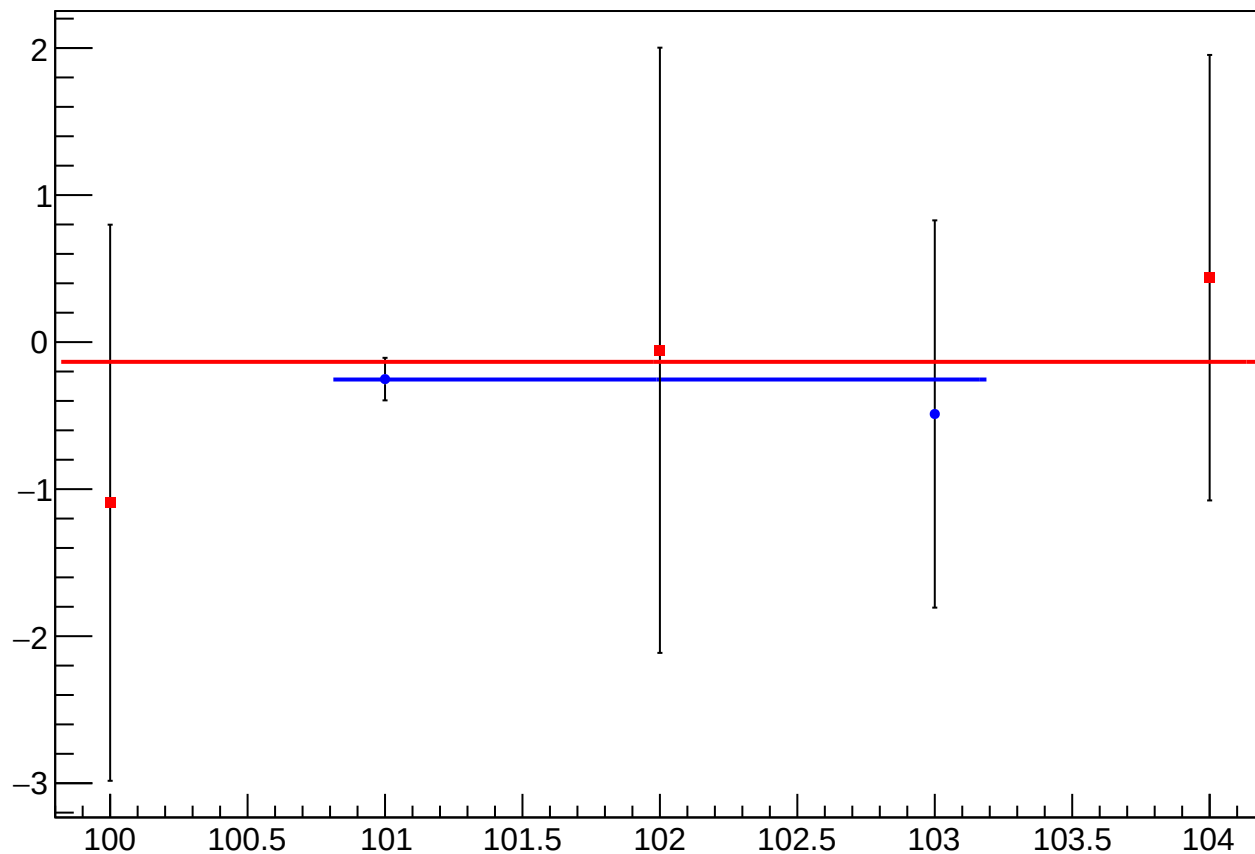
Right: 0.000+/-0.000 χ^2/NDF : 364866.7/4

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 : 364866.7/4

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: -0.134+/-1.025 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

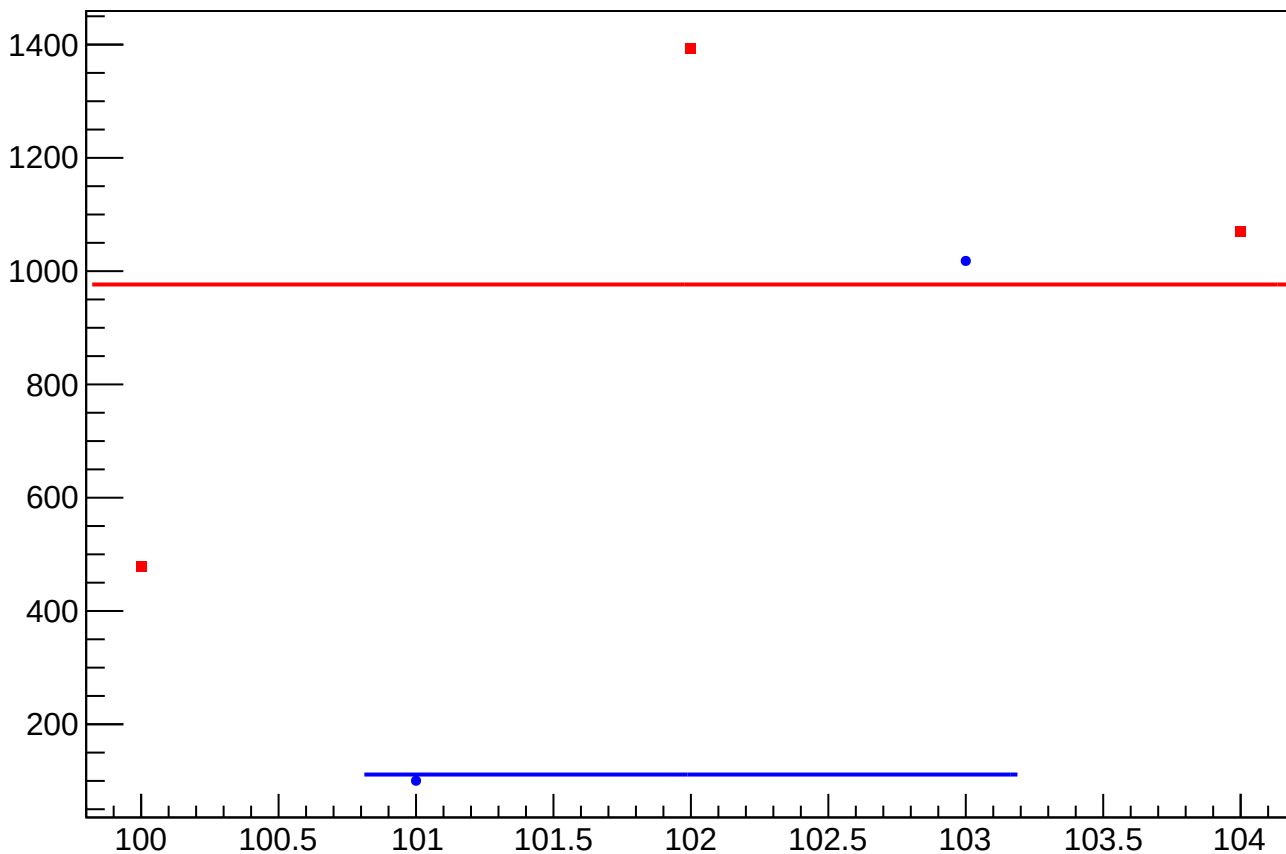
Right: -0.252+/-0.142 χ^2/NDF : 0.4/4

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.142 χ^2/NDF : 0.4/4

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: 976.440+/-0.725 χ^2/NDF : 228357.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

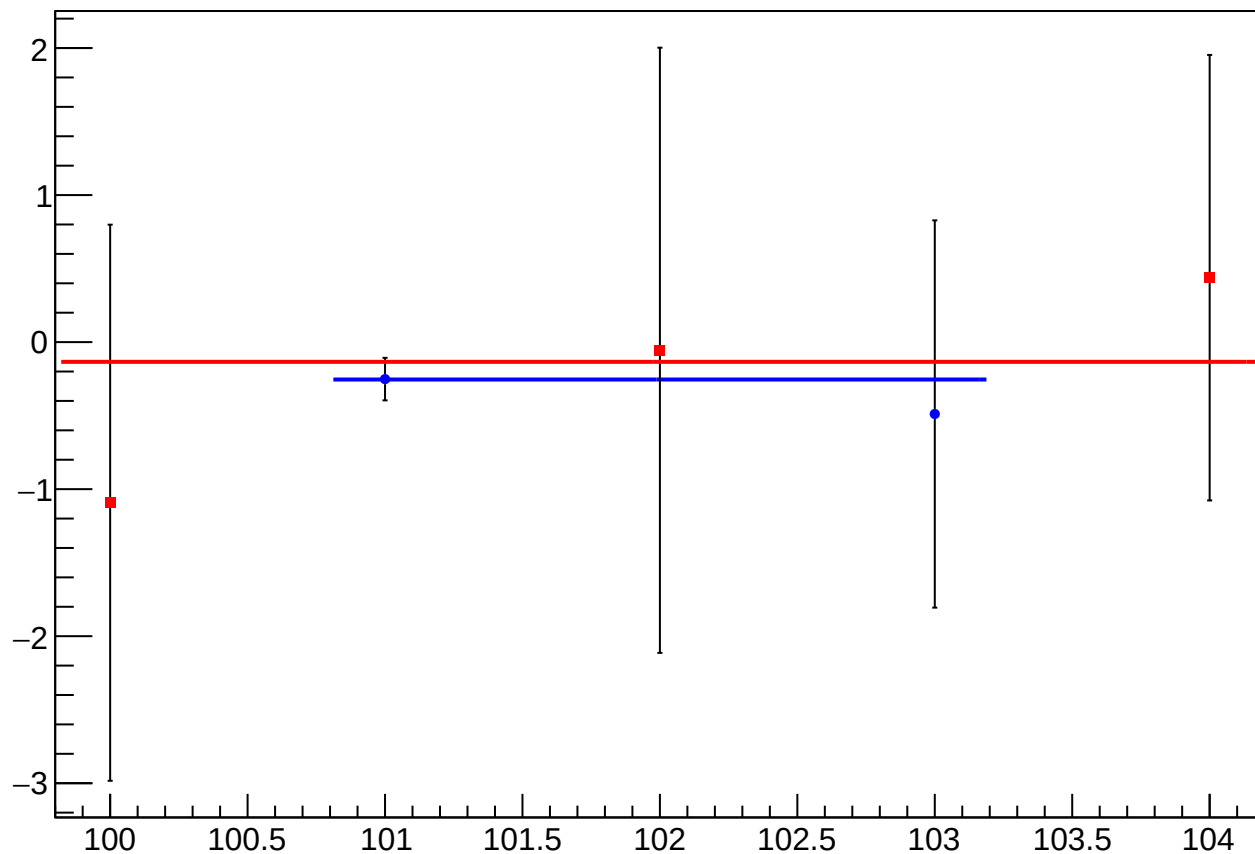
Right: 127.931+/-0.101 χ^2/NDF : 2585065.3/4

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.931+/-0.101 χ^2/NDF : 2585065.3/4

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: -0.134+/-1.025 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

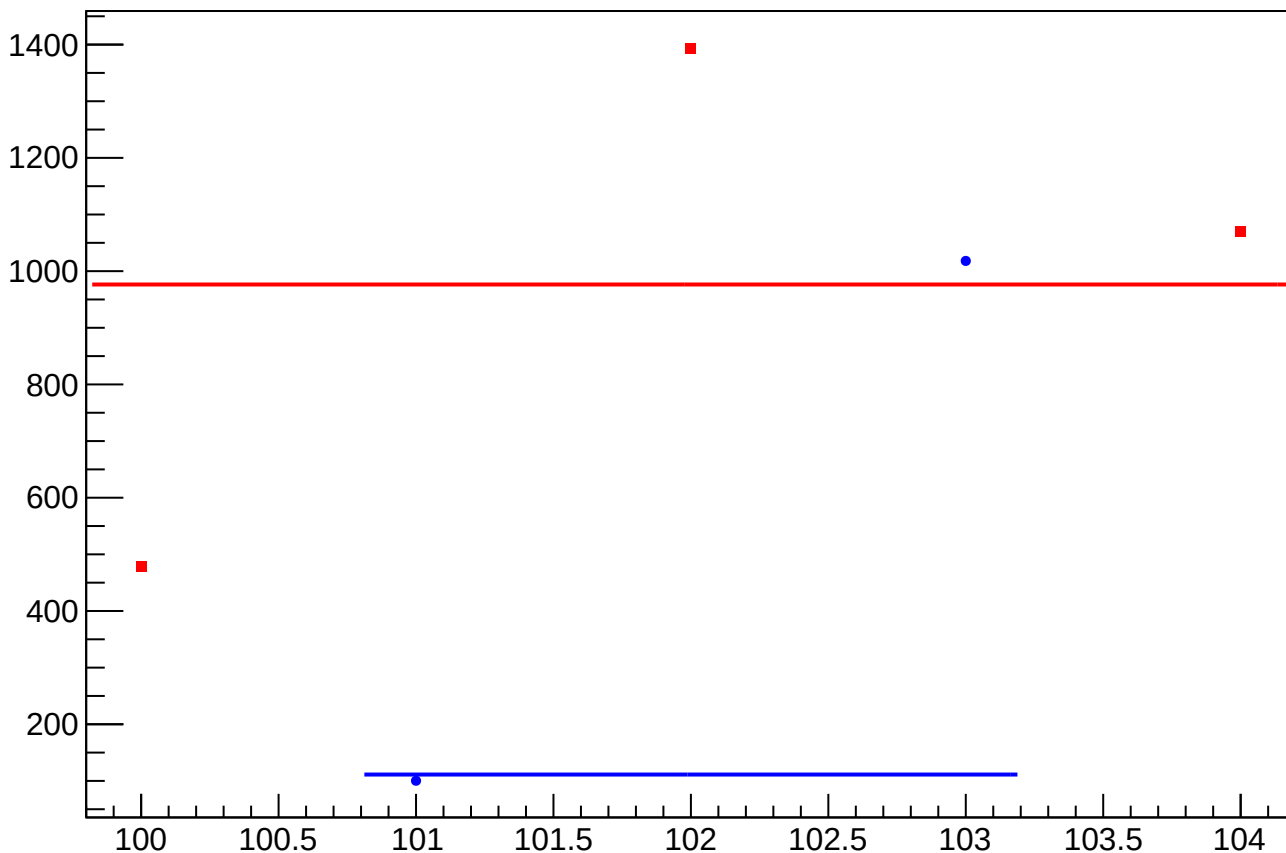
Right: -0.252+/-0.142 χ^2/NDF : 0.4/4

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.142 χ^2/NDF : 0.4/4

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: 976.440+/-0.725 χ^2/NDF : 228357.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

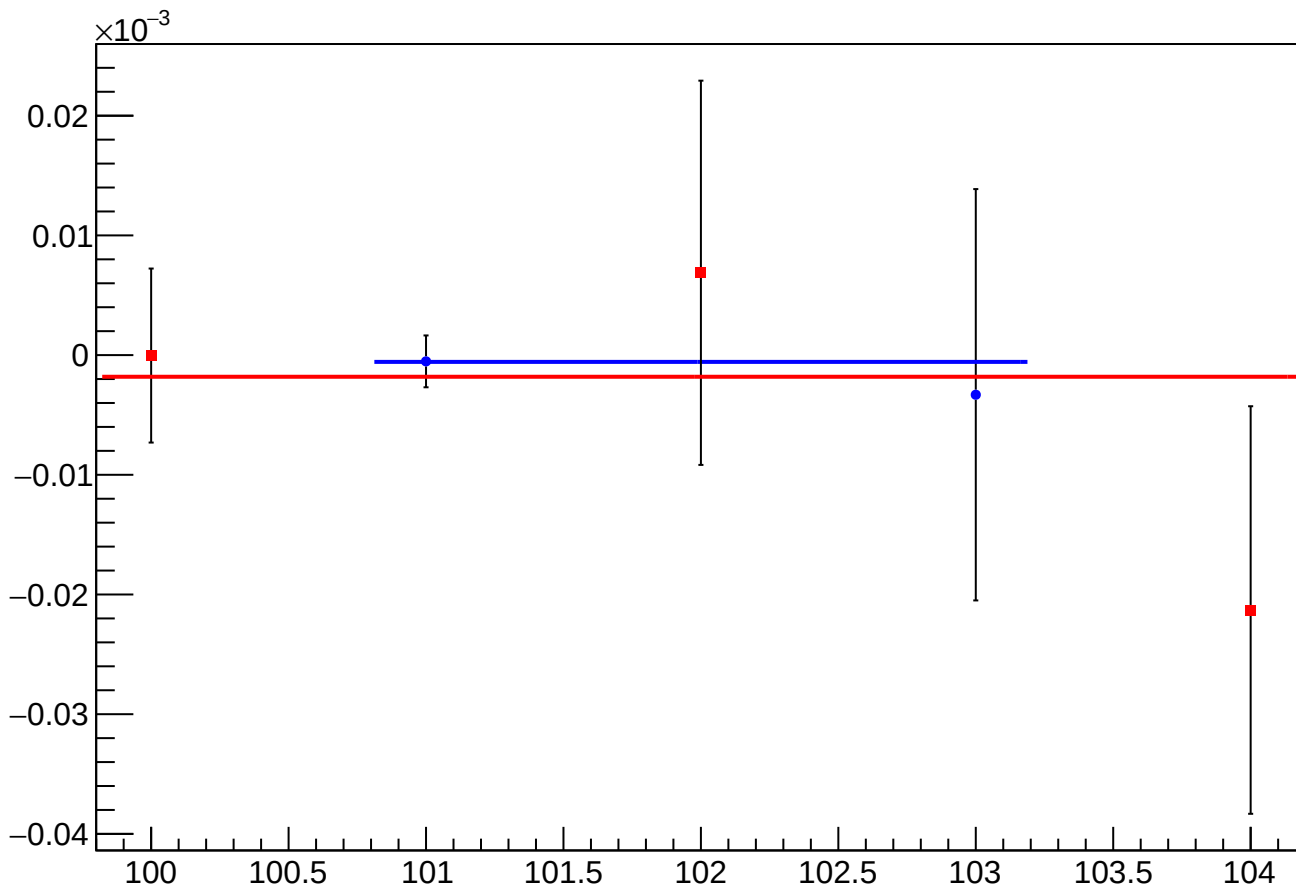
Right: 127.931+/-0.101 χ^2/NDF : 2585065.3/4

In: 111.238+/-0.102 χ^2/NDF : 959742.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.931+/-0.101 χ^2/NDF : 2585065.3/4

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 : 1.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

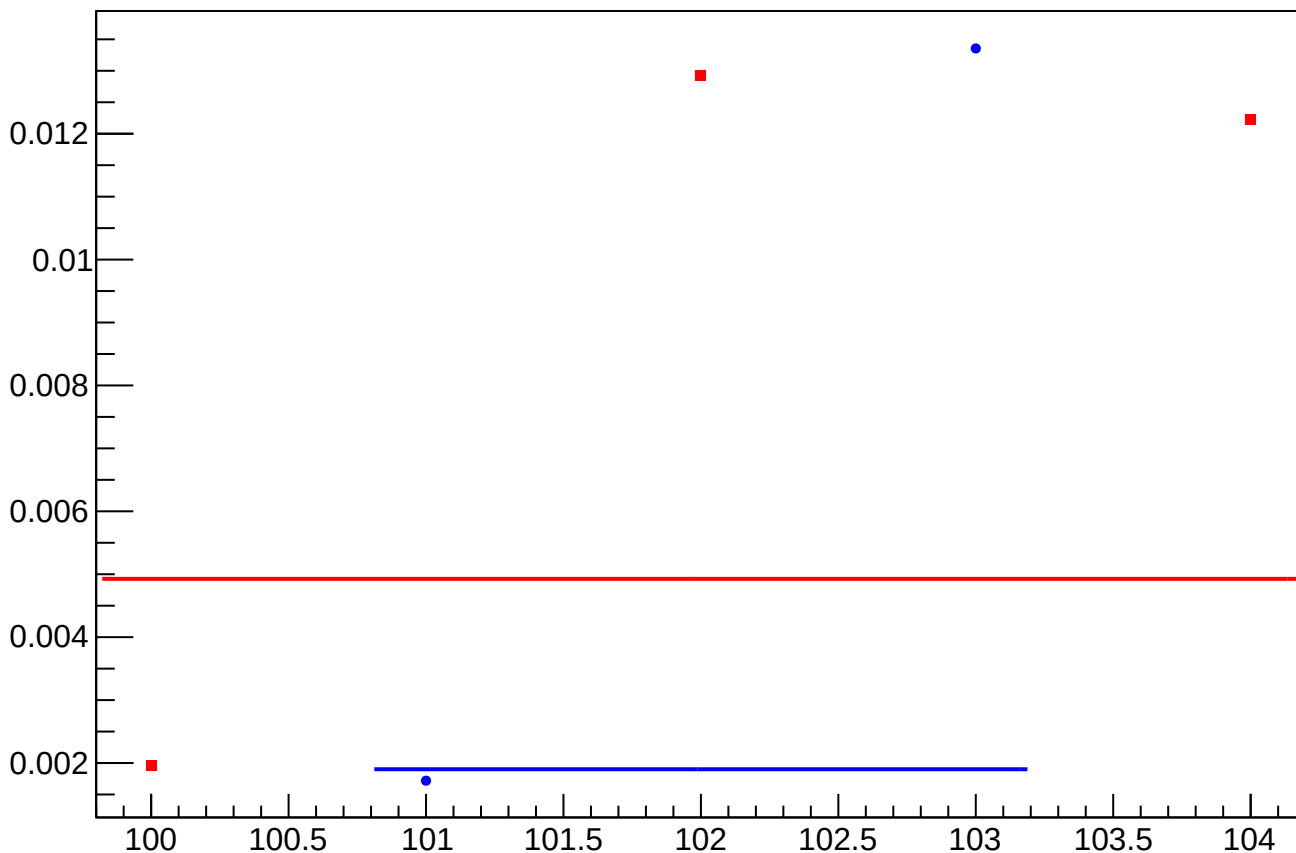
Right: -0.000+/-0.000 χ^2/NDF : 1.7/4

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 : 1.7/4

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: 0.005+/-0.000 χ^2/NDF : 1197712.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

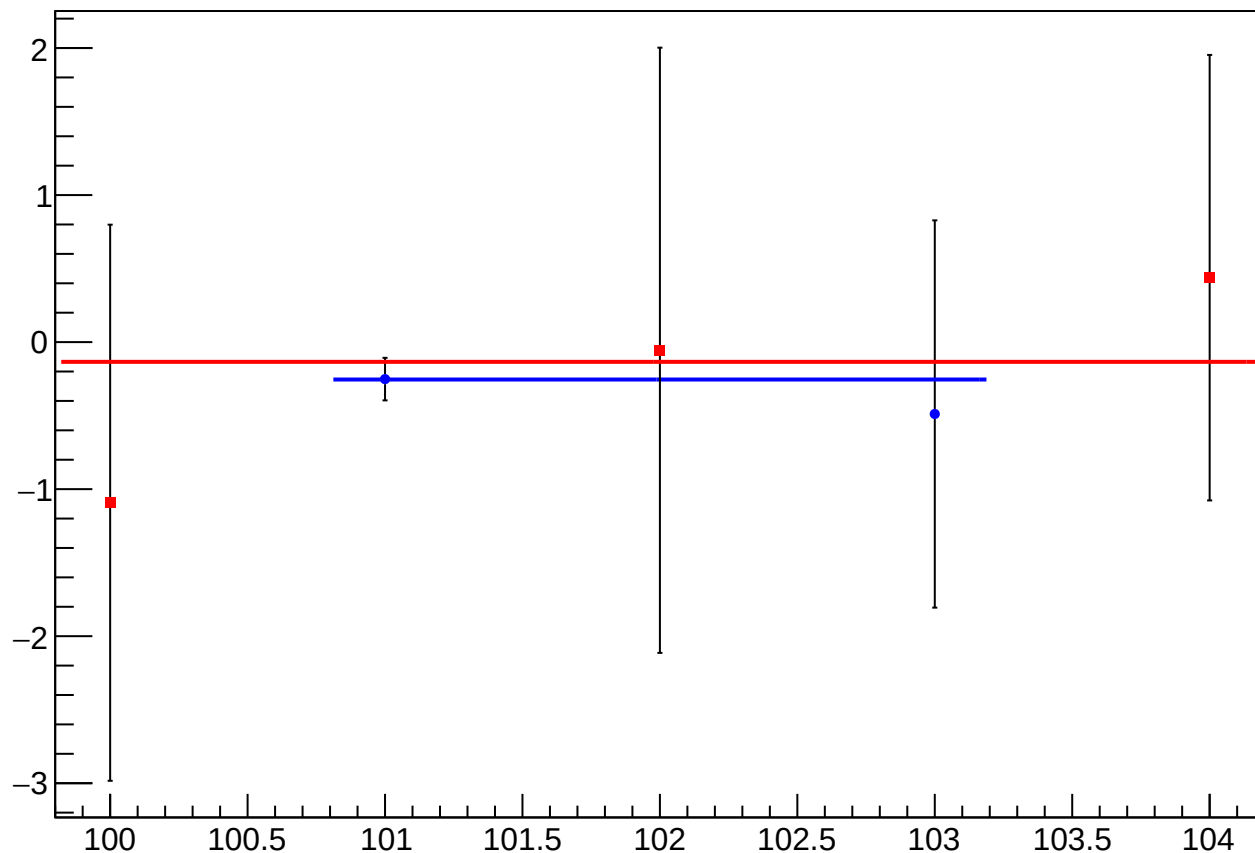
Right: 0.002+/-0.000 χ^2/NDF : 2529428.3/4

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 : 2529428.3/4

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: -0.134+/-1.025 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

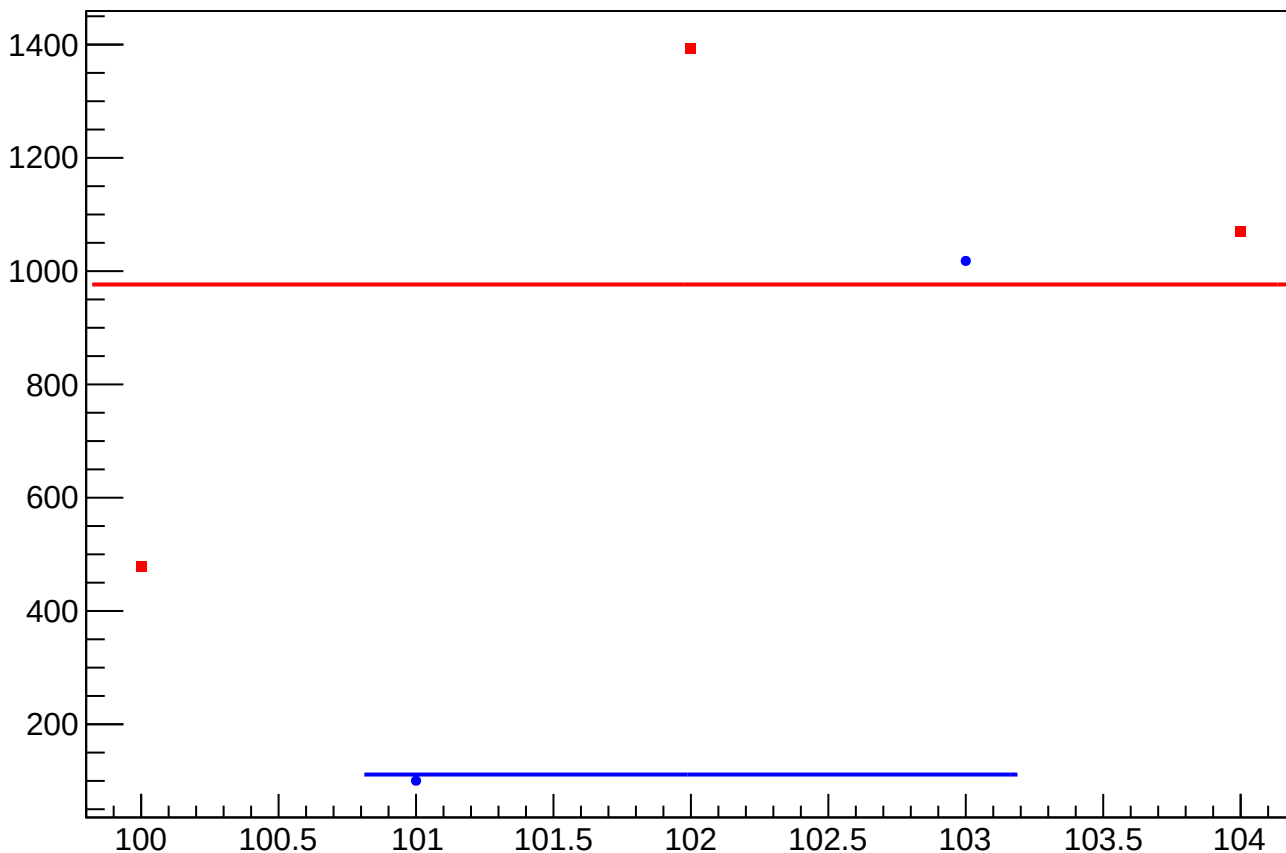
Right: -0.252+/-0.142 χ^2/NDF : 0.4/4

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.142 χ^2/NDF : 0.4/4

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: 976.437+/-0.725 χ^2/NDF : 228351.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

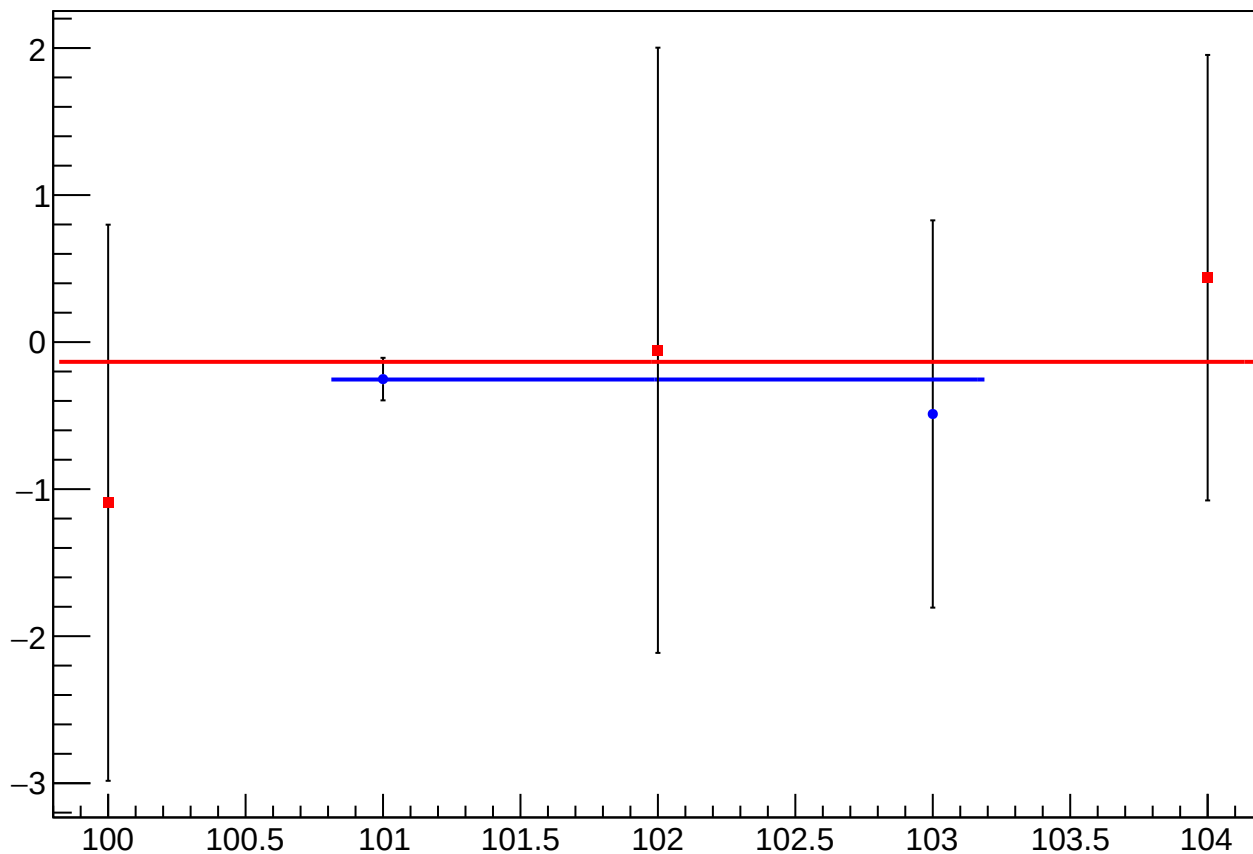
Right: 127.931+/-0.101 χ^2/NDF : 2585060.5/4

In: 111.237+/-0.102 χ^2/NDF : 959741.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.931+/-0.101 χ^2/NDF : 2585060.5/4

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: -0.134+/-1.025 χ^2/NDF : 0.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

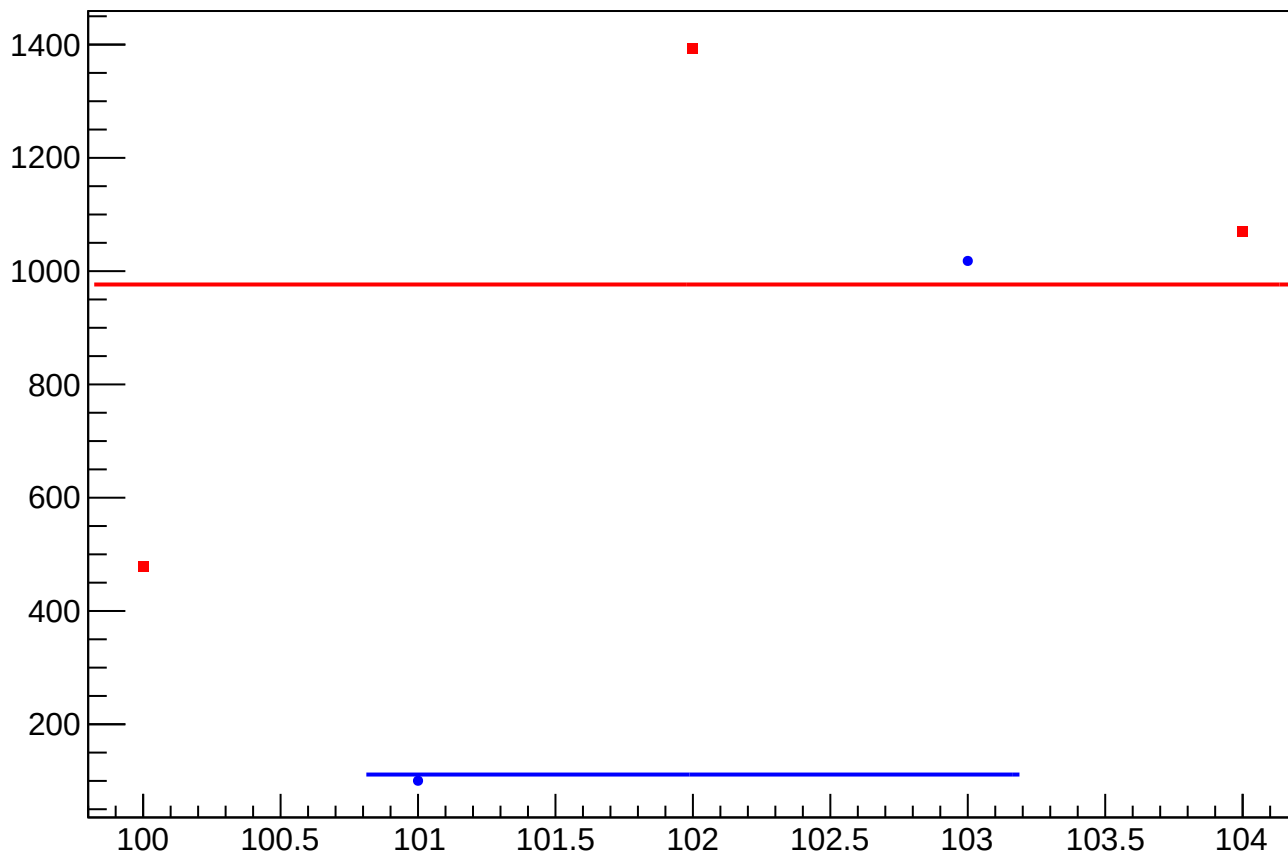
Right: -0.252+/-0.142 χ^2/NDF : 0.4/4

In: -0.254+/-0.144 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.142 χ^2/NDF : 0.4/4

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.237 ± 0.102 χ^2/NDF : 959741.8/1

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

Right Out: 976.437 ± 0.725 χ^2/NDF : 228351.0/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

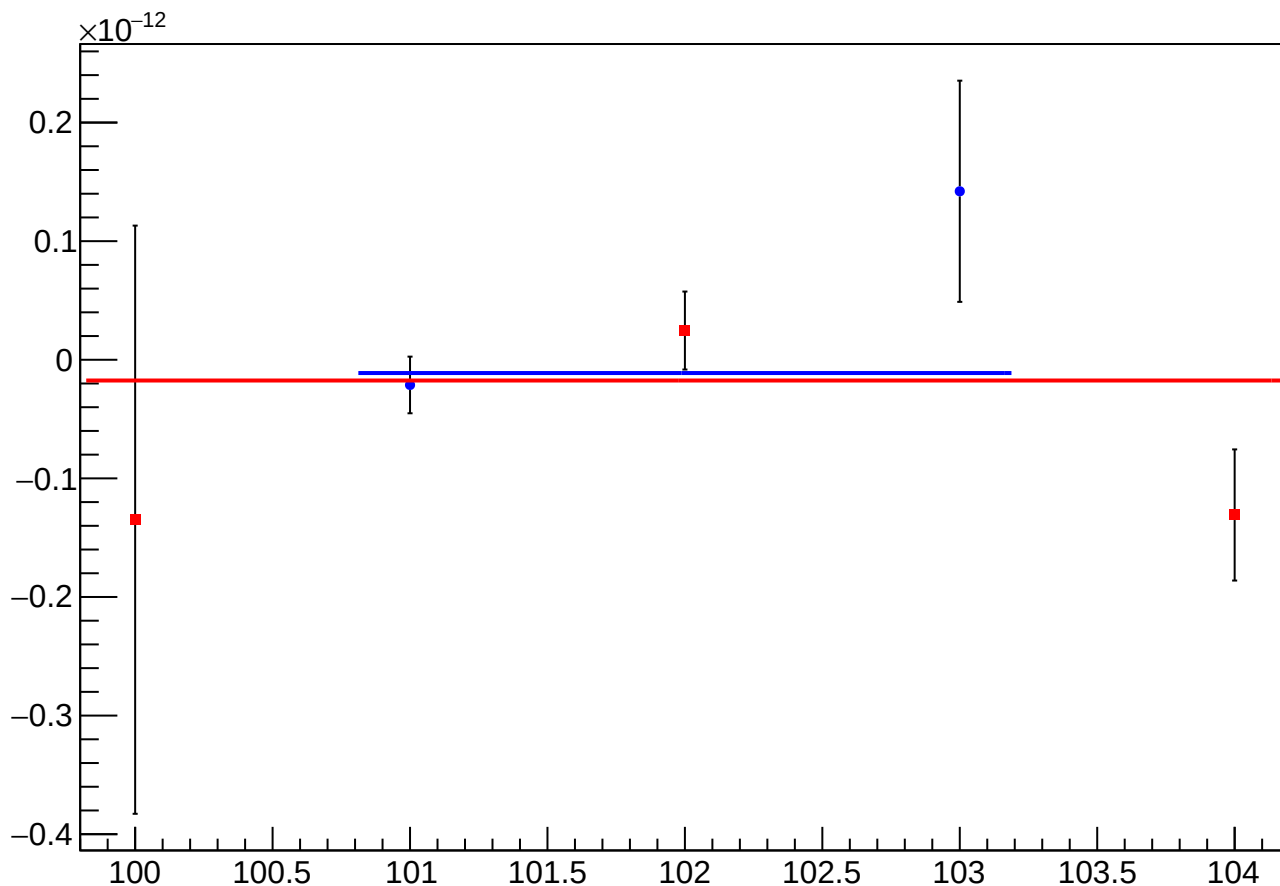
Right: 127.931 ± 0.101 χ^2/NDF : 2585060.5/4

In: 111.237 ± 0.102 χ^2/NDF : 959741.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 127.931 ± 0.101 χ^2/NDF : 2585060.5/4

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: 6.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

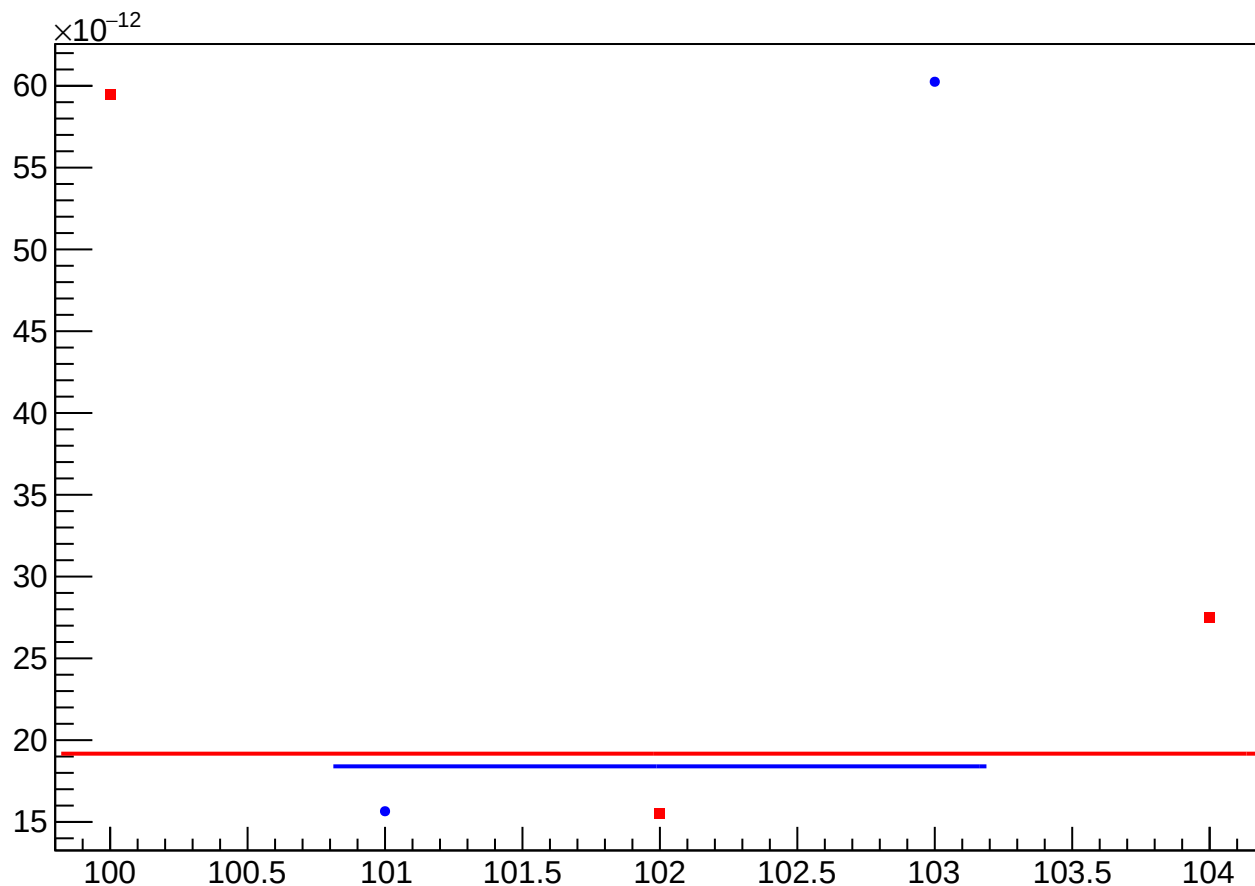
Right: -0.000+/-0.000 χ^2 /NDF: 9.0/4

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: 9.0/4

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 : 122880.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

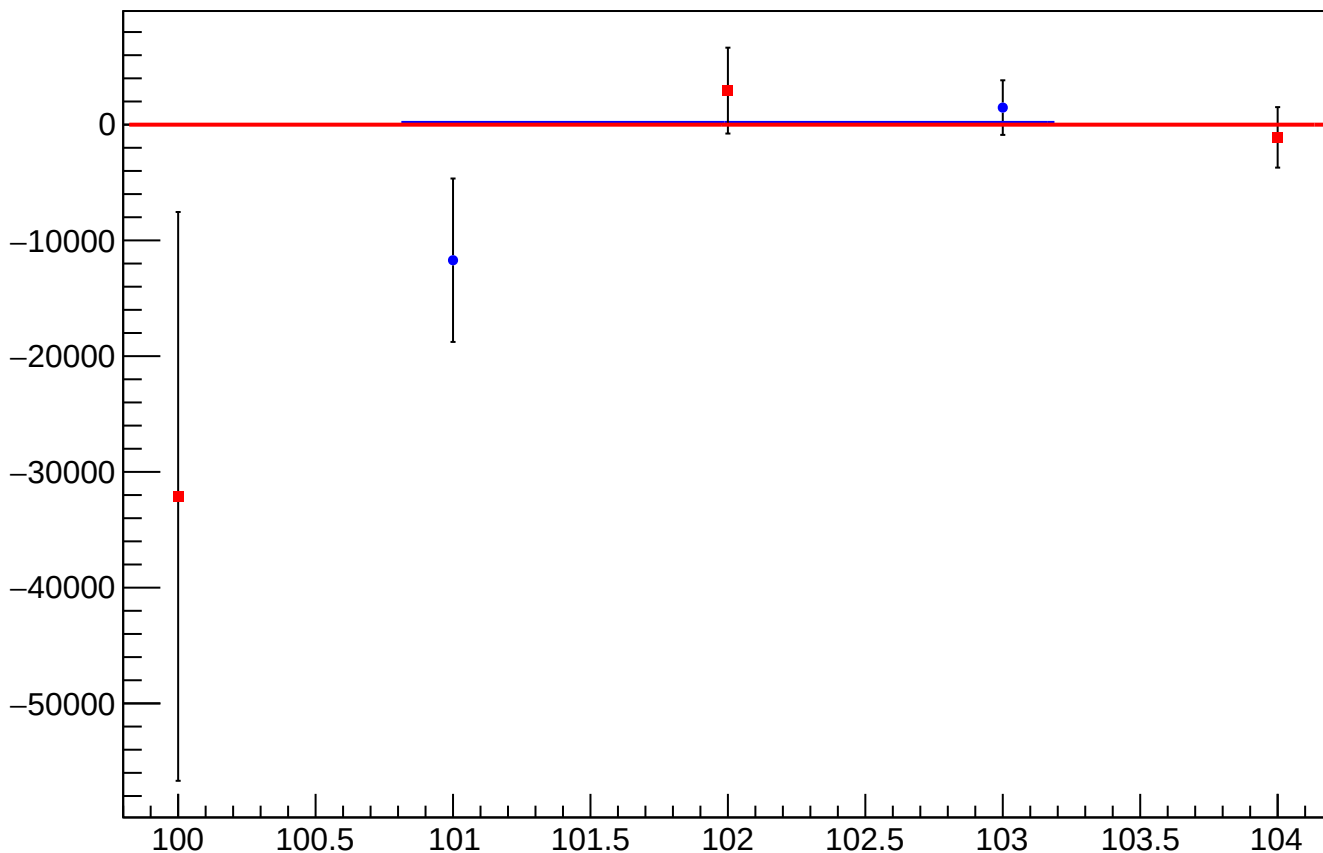
Right: 0.000+/-0.000 χ^2/NDF : 553066.6/4

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 : 553066.6/4

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 148.545+/-2236.917 χ^2/NDF : 3.1/1

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

Right Out: -2.537+/-2128.419 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

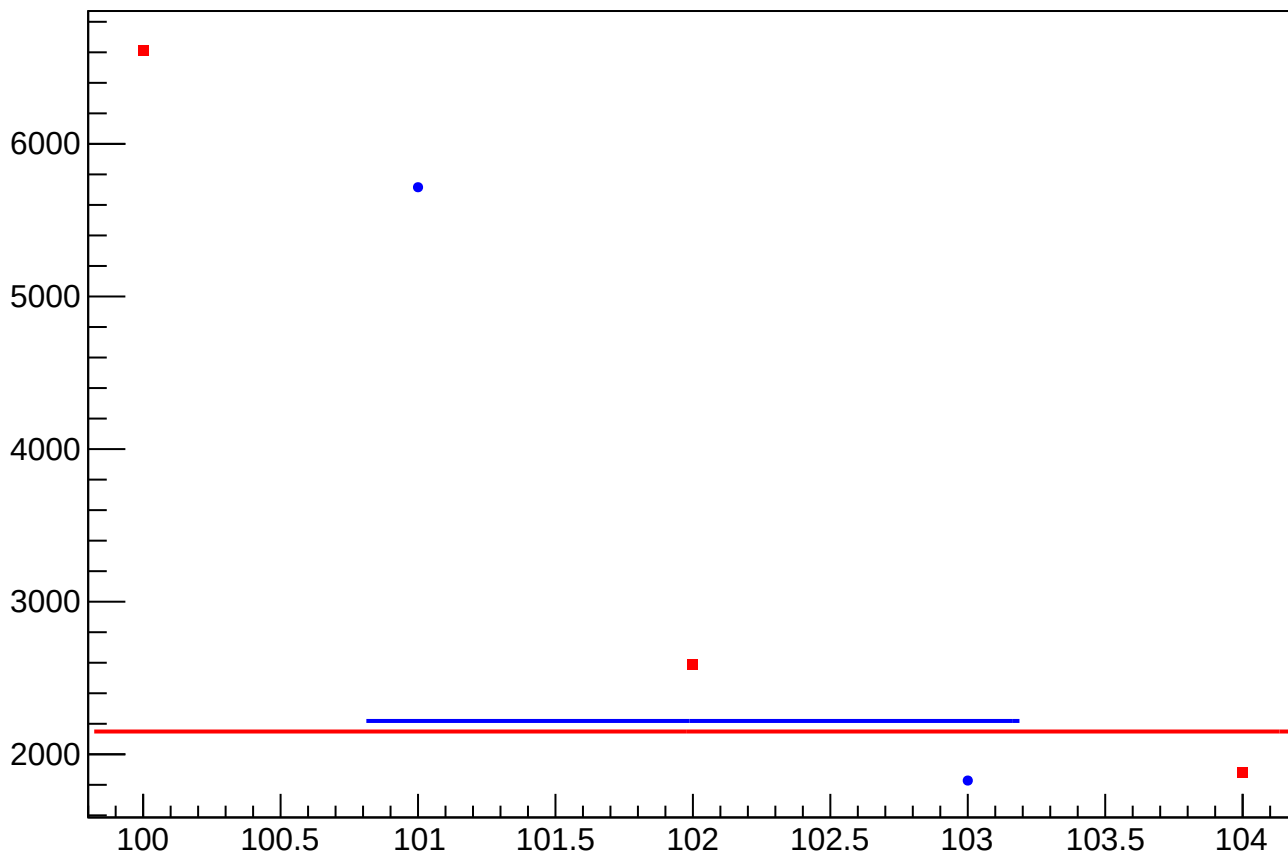
Right: 69.251+/-1541.950 χ^2/NDF : 5.7/4

In: 148.545+/-2236.917 χ^2/NDF :3.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.251+/-1541.950 χ^2/NDF : 5.7/4

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: 2149.336+/-1.505 χ^2/NDF : 115772.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

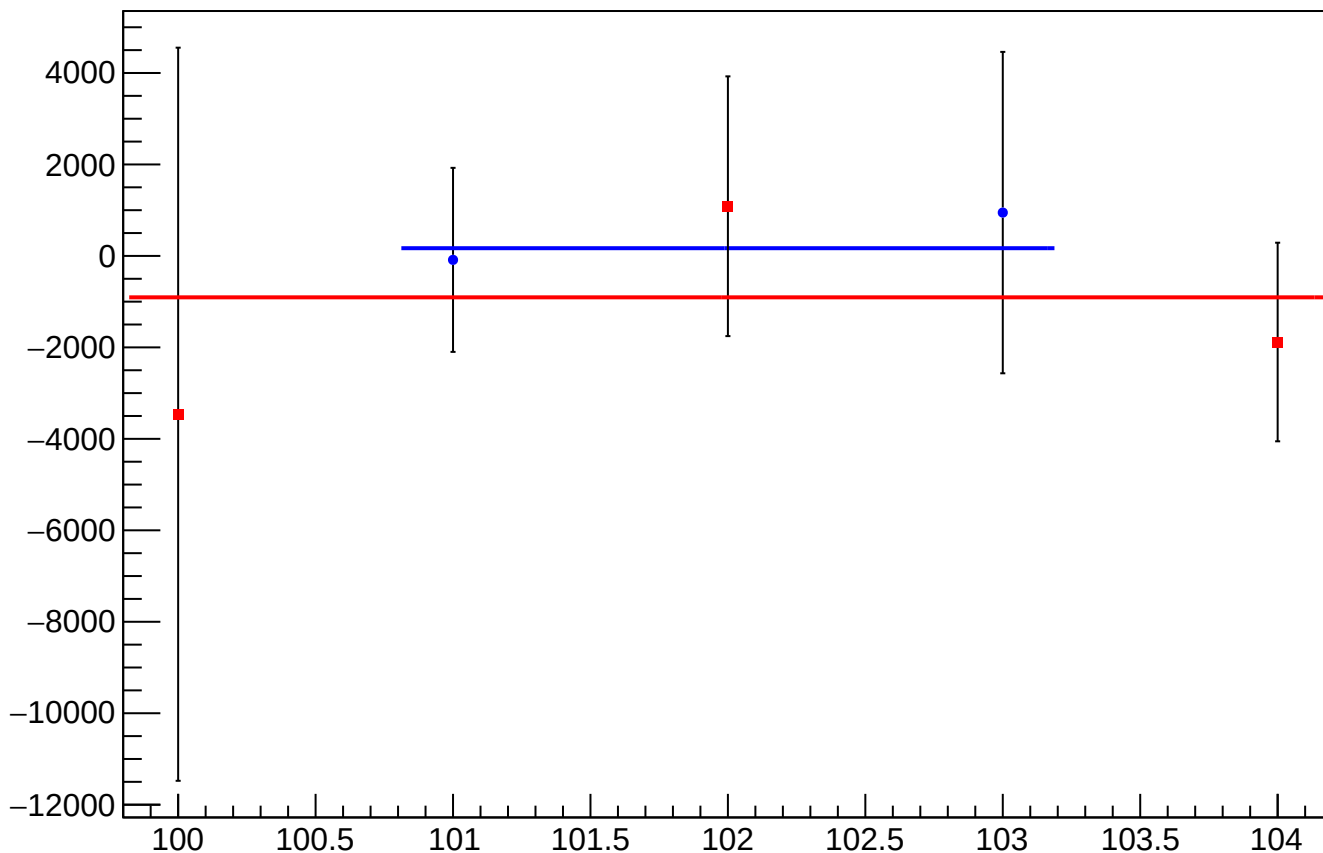
Right: 2182.199+/-1.090 χ^2/NDF : 662593.4/4

In: 2218.500+/-1.582 χ^2/NDF : 545817.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.199+/-1.090 χ^2/NDF : 662593.4/4

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: -905.682+/-1686.315 χ^2/NDF : 0.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

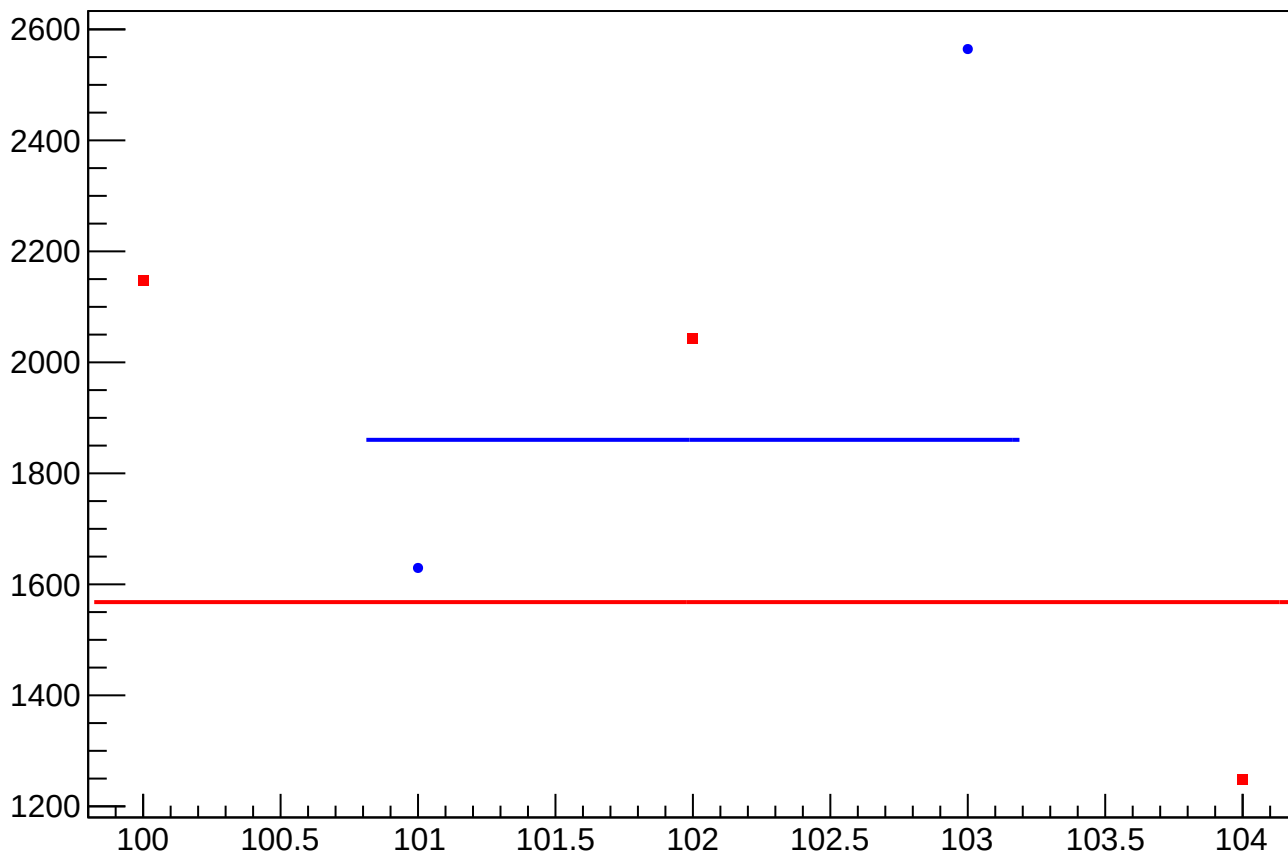
Right: -387.150+/-1212.991 χ^2/NDF : 1.1/4

In: 168.804+/-1746.105 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.150+/-1212.991 χ^2/NDF : 1.1/4

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1860.402 $\pm$ 1.235 χ^2 /NDF: 106631.1/1

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

Right Out: 1567.986 $\pm$ 1.192 χ^2 /NDF: 110059.8/2

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

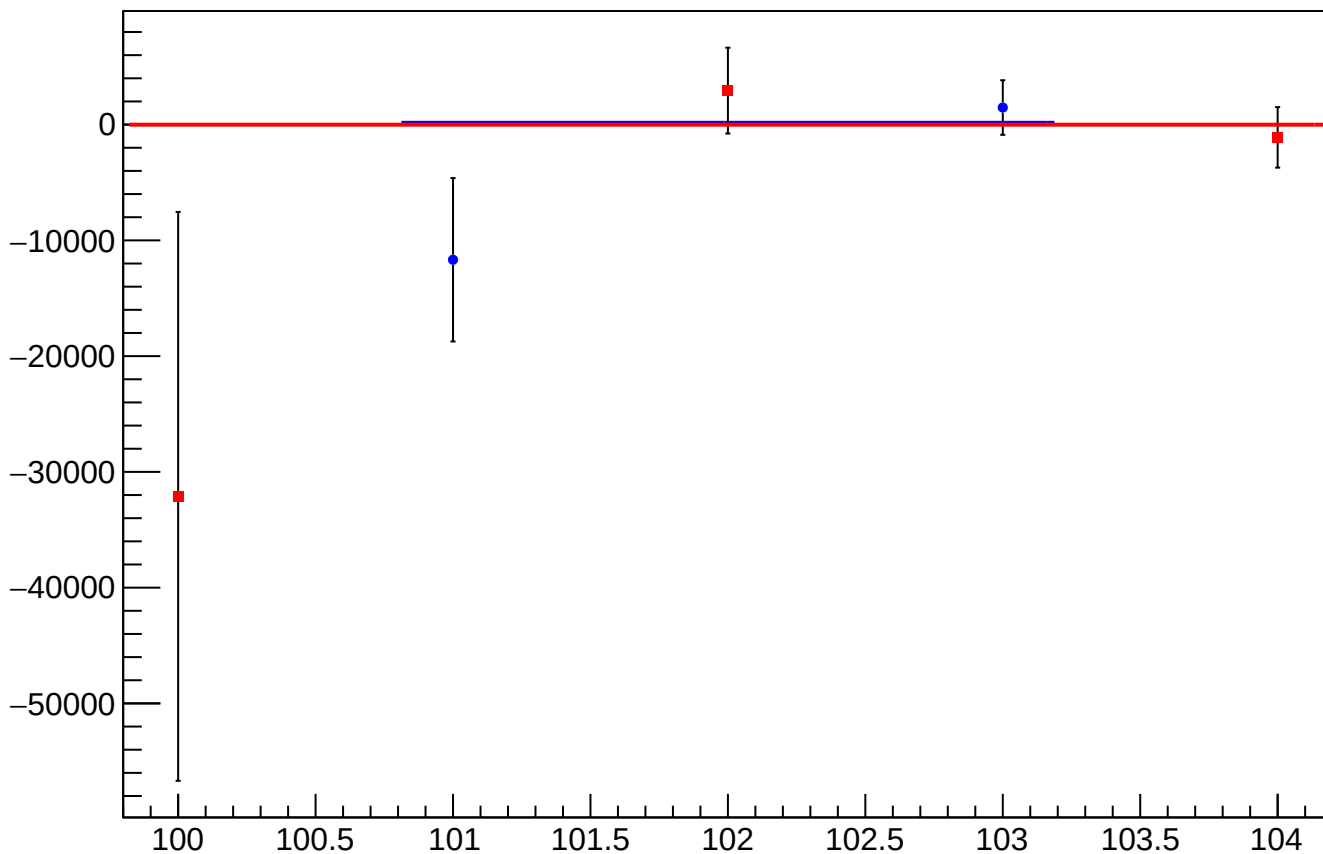
Right: 1709.102 $\pm$ 0.858 χ^2 /NDF: 245713.1/4

In: 1860.402 $\pm$ 1.235 χ^2 /NDF:106631.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1709.102 $\pm$ 0.858 χ^2 /NDF: 245713.1/4

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: -6.023+/-2128.420 χ^2 /NDF: 2.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

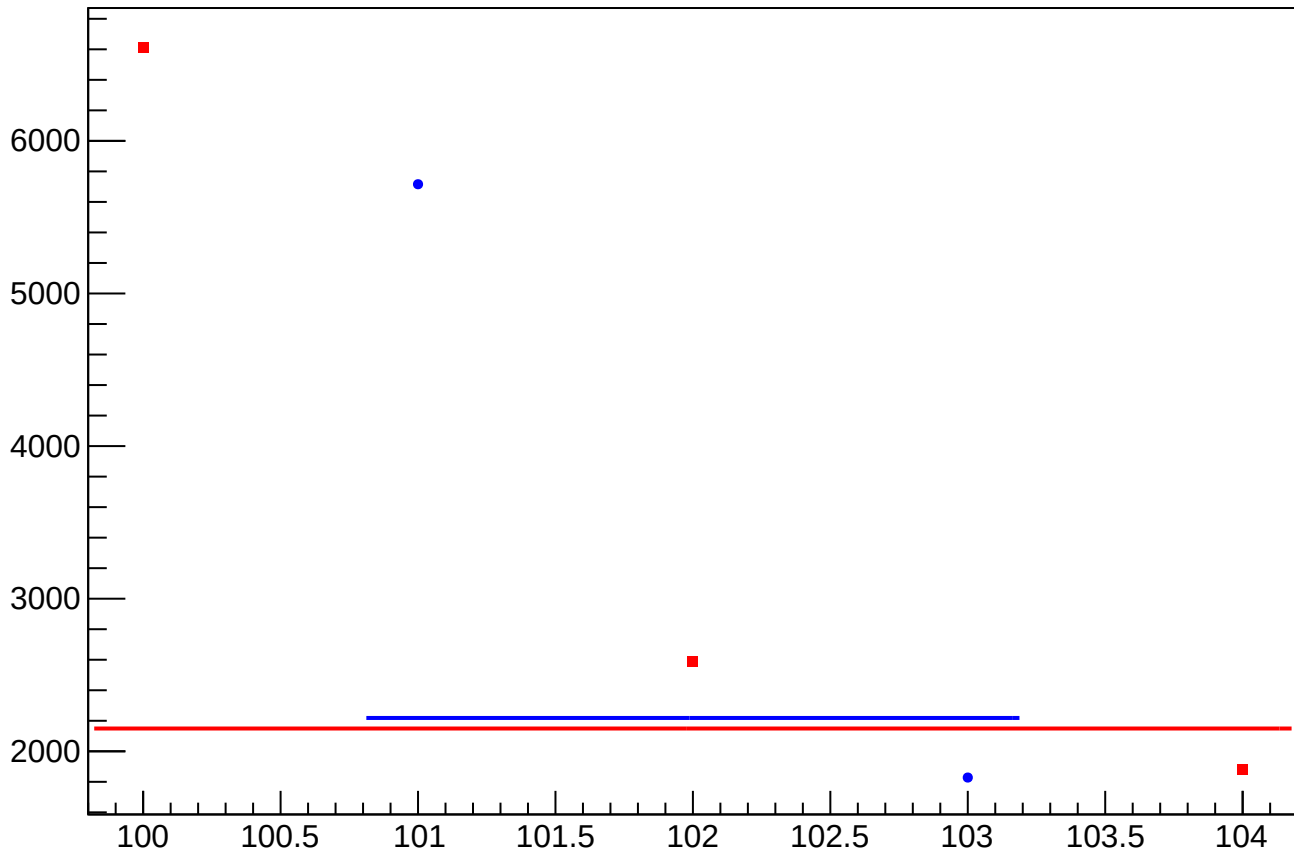
Right: 70.412+/-1541.952 χ^2 /NDF: 5.6/4

In: 154.839+/-2236.921 χ^2 /NDF:3.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 70.412+/-1541.952 χ^2 /NDF: 5.6/4

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: 2149.335+/-1.505 χ^2/NDF : 115771.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

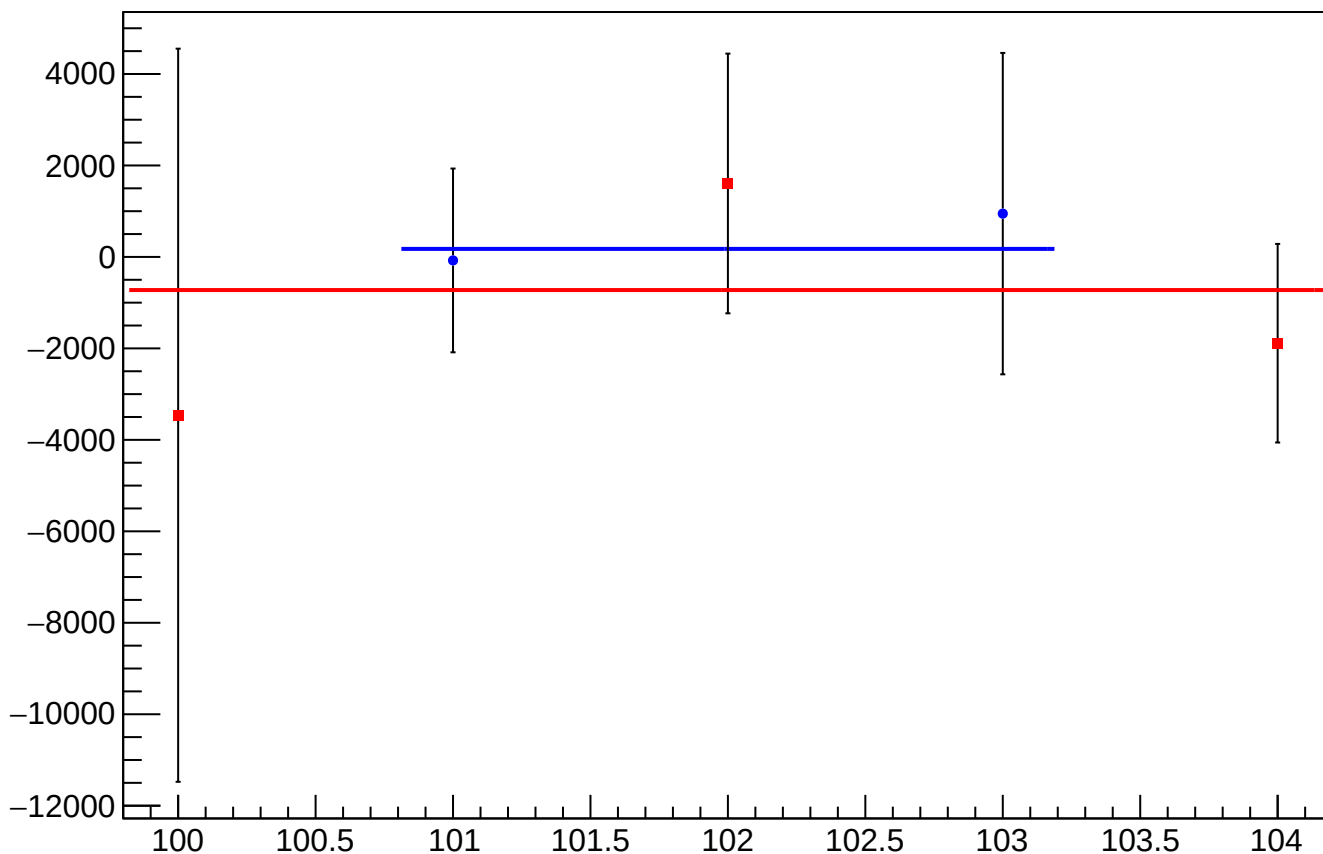
Right: 2182.199+/-1.090 χ^2/NDF : 662592.2/4

In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.199+/-1.090 χ^2/NDF : 662592.2/4

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: -724.534+/-1686.114 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

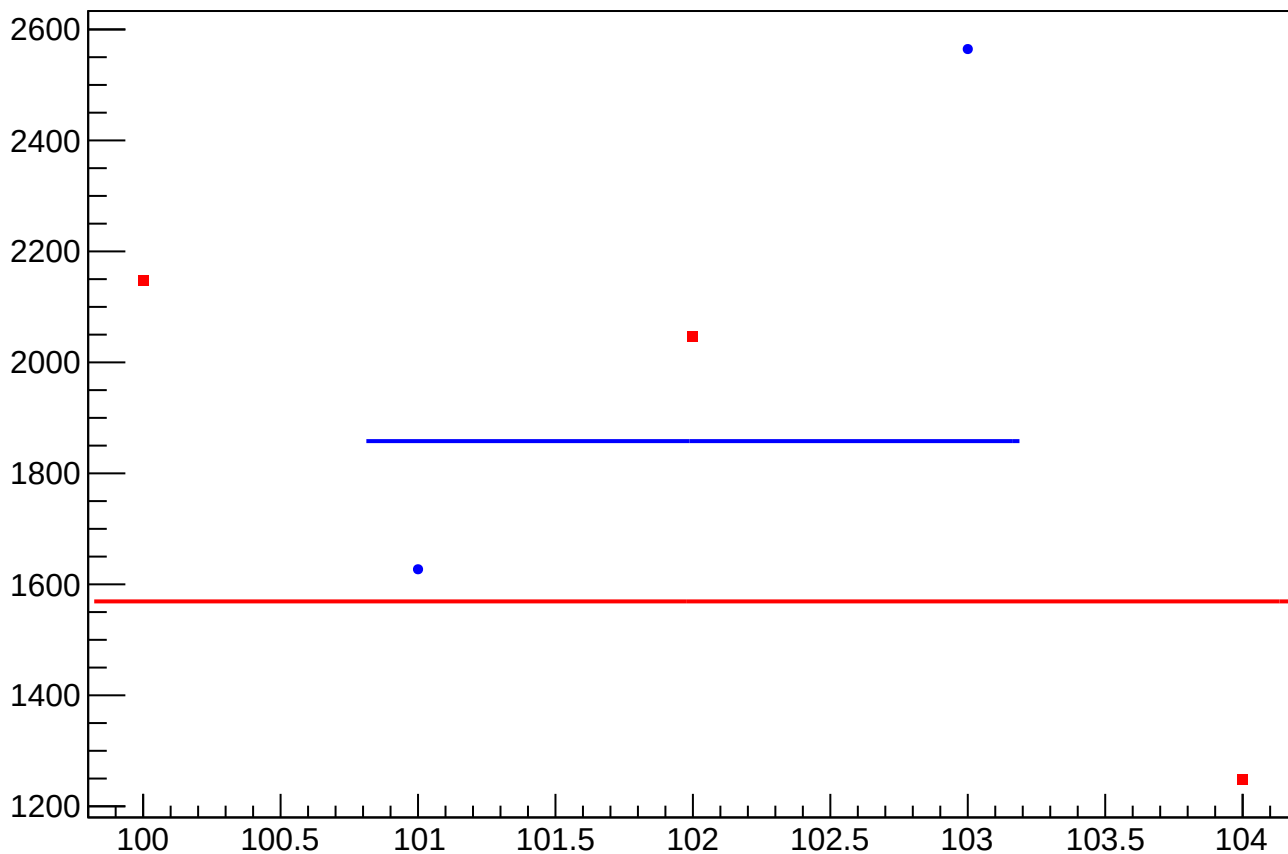
Right: -289.676+/-1212.274 χ^2/NDF : 1.3/4

In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.676+/-1212.274 χ^2/NDF : 1.3/4

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: 1569.247+/-1.192 χ^2/NDF : 110926.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

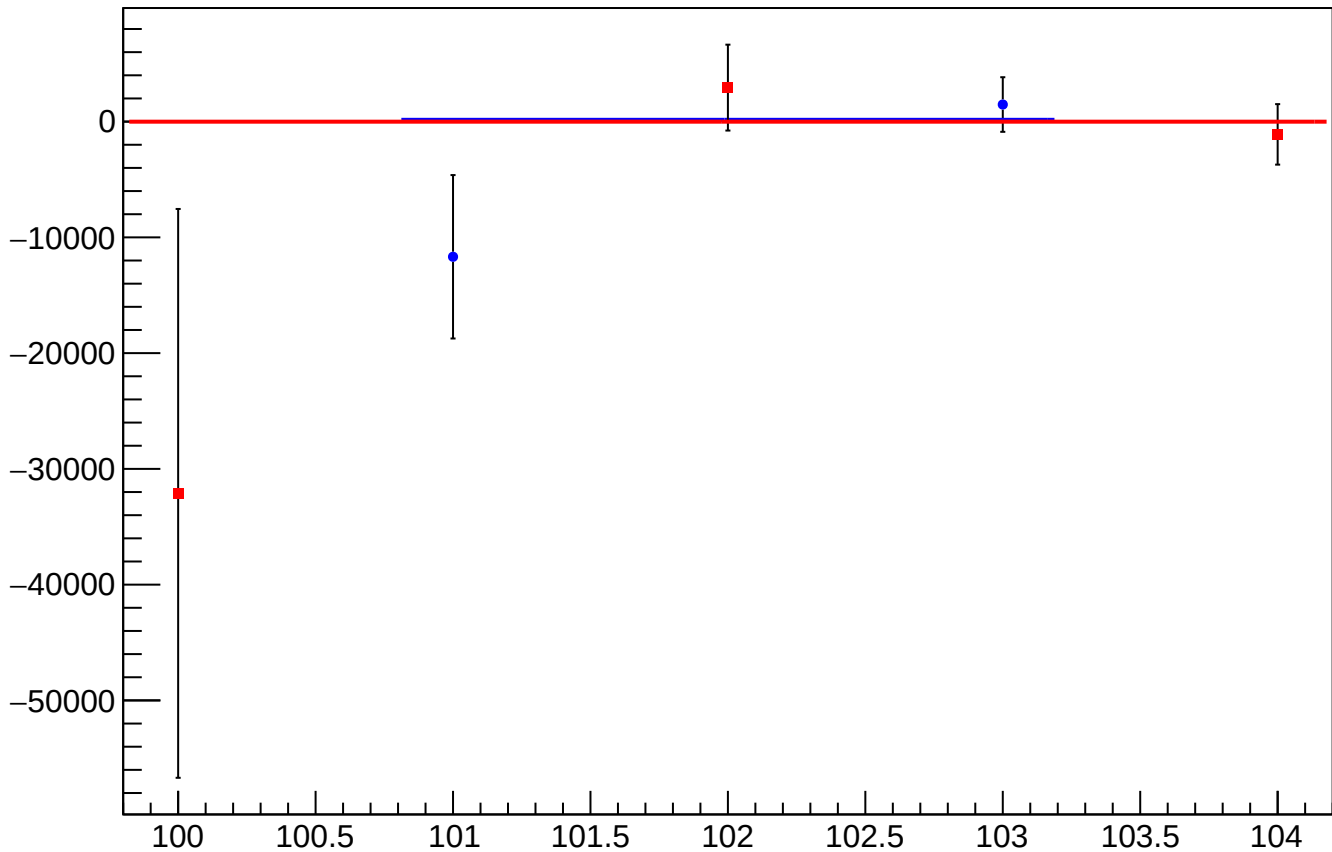
Right: 1708.790+/-0.857 χ^2/NDF : 246557.0/4

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1708.790+/-0.857 χ^2/NDF : 246557.0/4

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: -6.023+/-2128.420 χ^2/NDF : 2.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

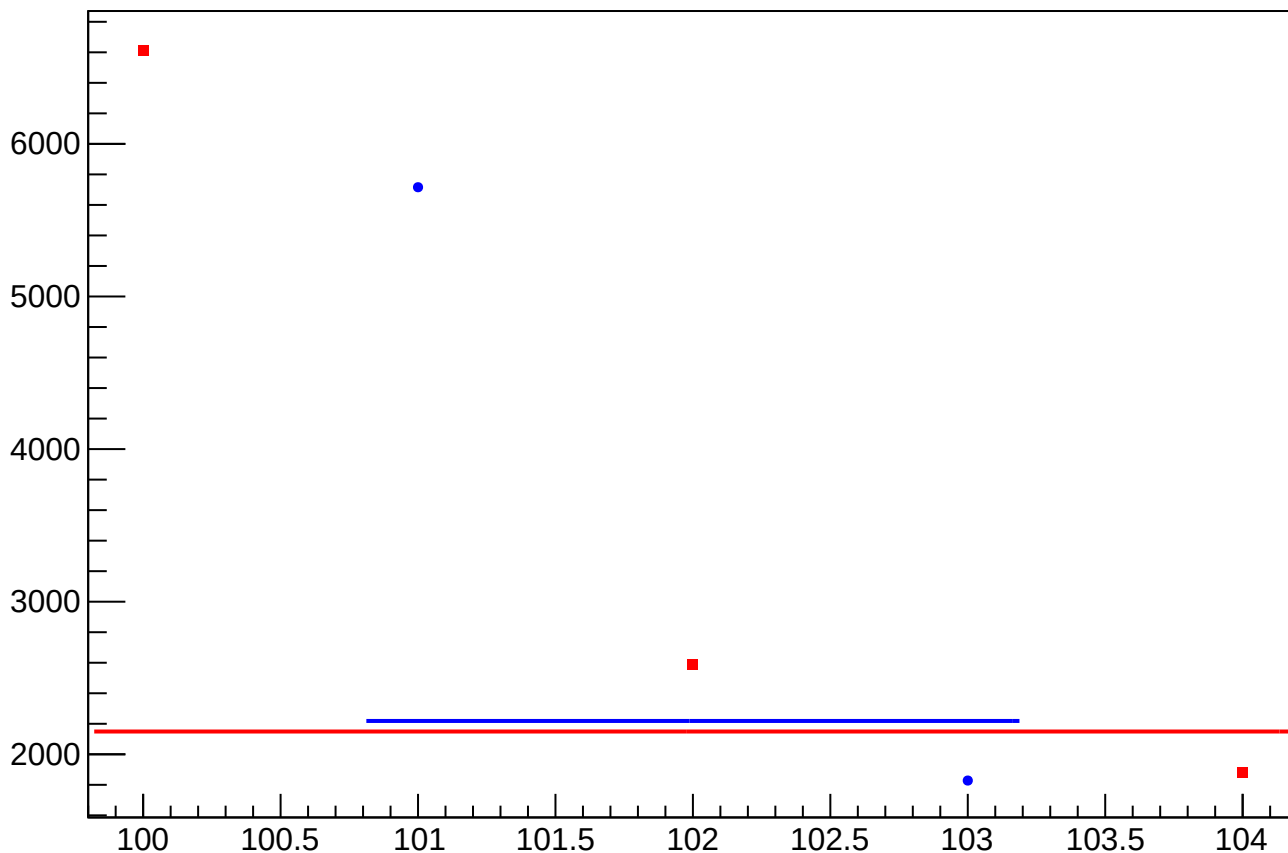
Right: 70.412+/-1541.952 χ^2/NDF : 5.6/4

In: 154.839+/-2236.921 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.412+/-1541.952 χ^2/NDF : 5.6/4

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: 2149.335+/-1.505 χ^2/NDF : 115771.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

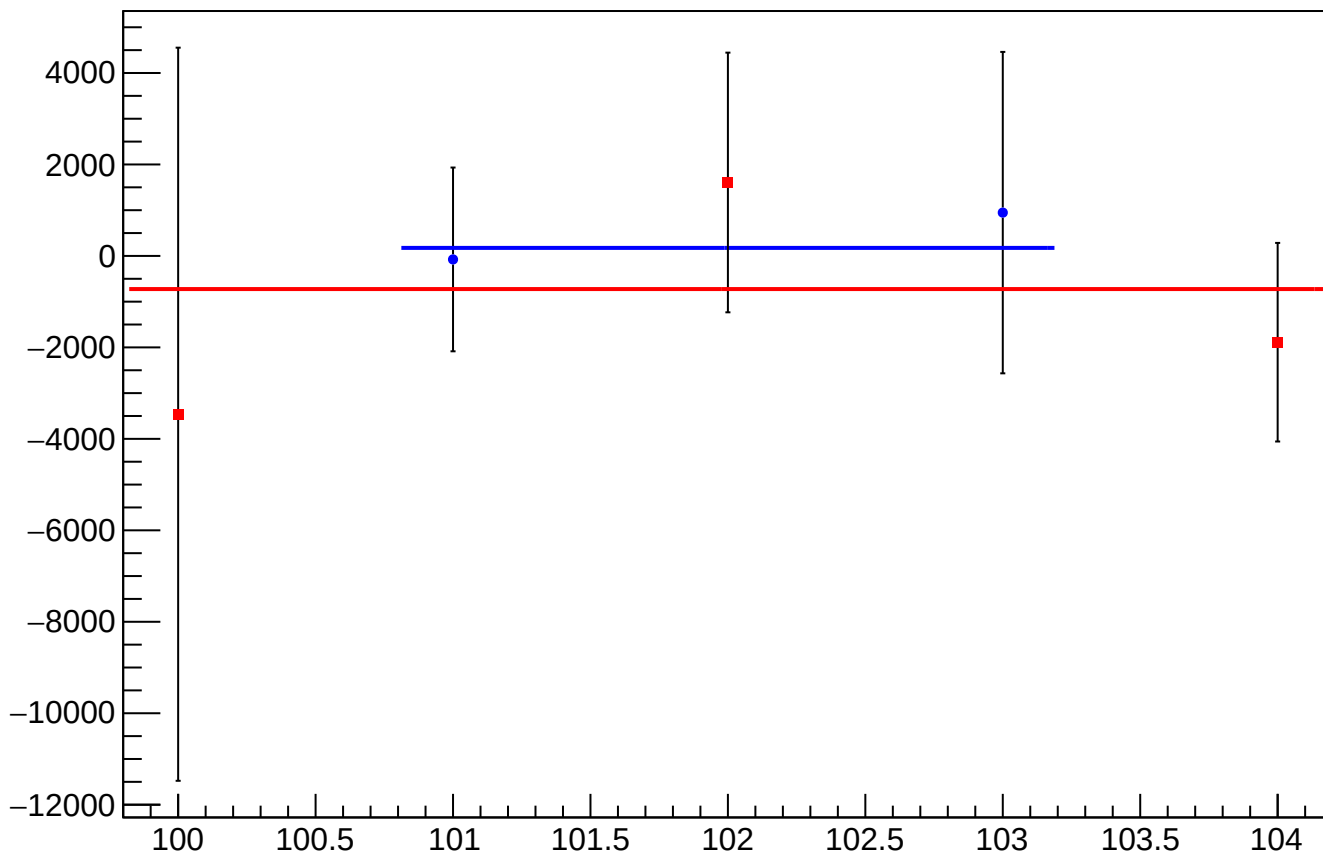
Right: 2182.199+/-1.090 χ^2/NDF : 662592.2/4

In: 2218.501+/-1.582 χ^2/NDF : 545817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2182.199+/-1.090 χ^2/NDF : 662592.2/4

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: -724.534+/-1686.114 χ^2/NDF : 1.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

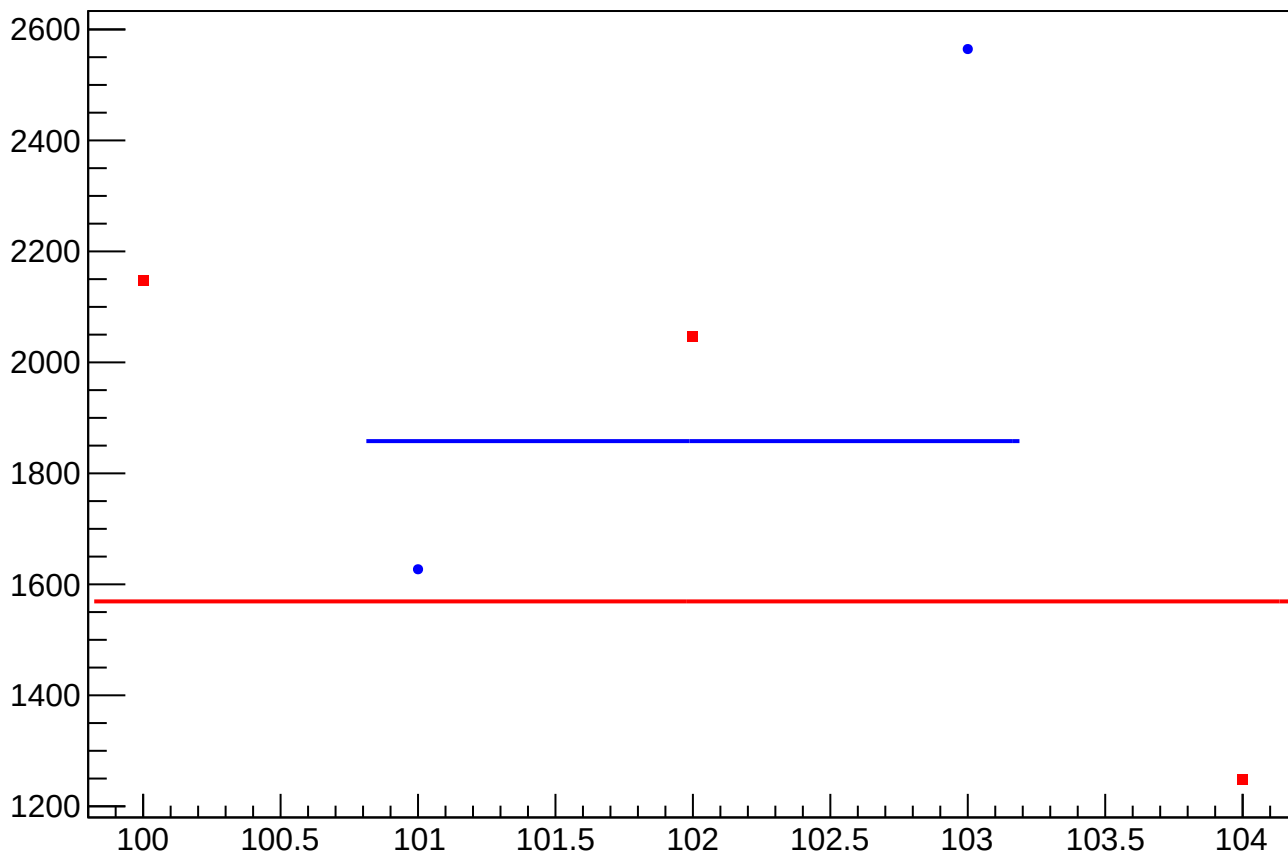
Right: -289.676+/-1212.274 χ^2/NDF : 1.3/4

In: 175.655+/-1744.190 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -289.676+/-1212.274 χ^2/NDF : 1.3/4

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: 1569.247+/-1.192 χ^2/NDF : 110926.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

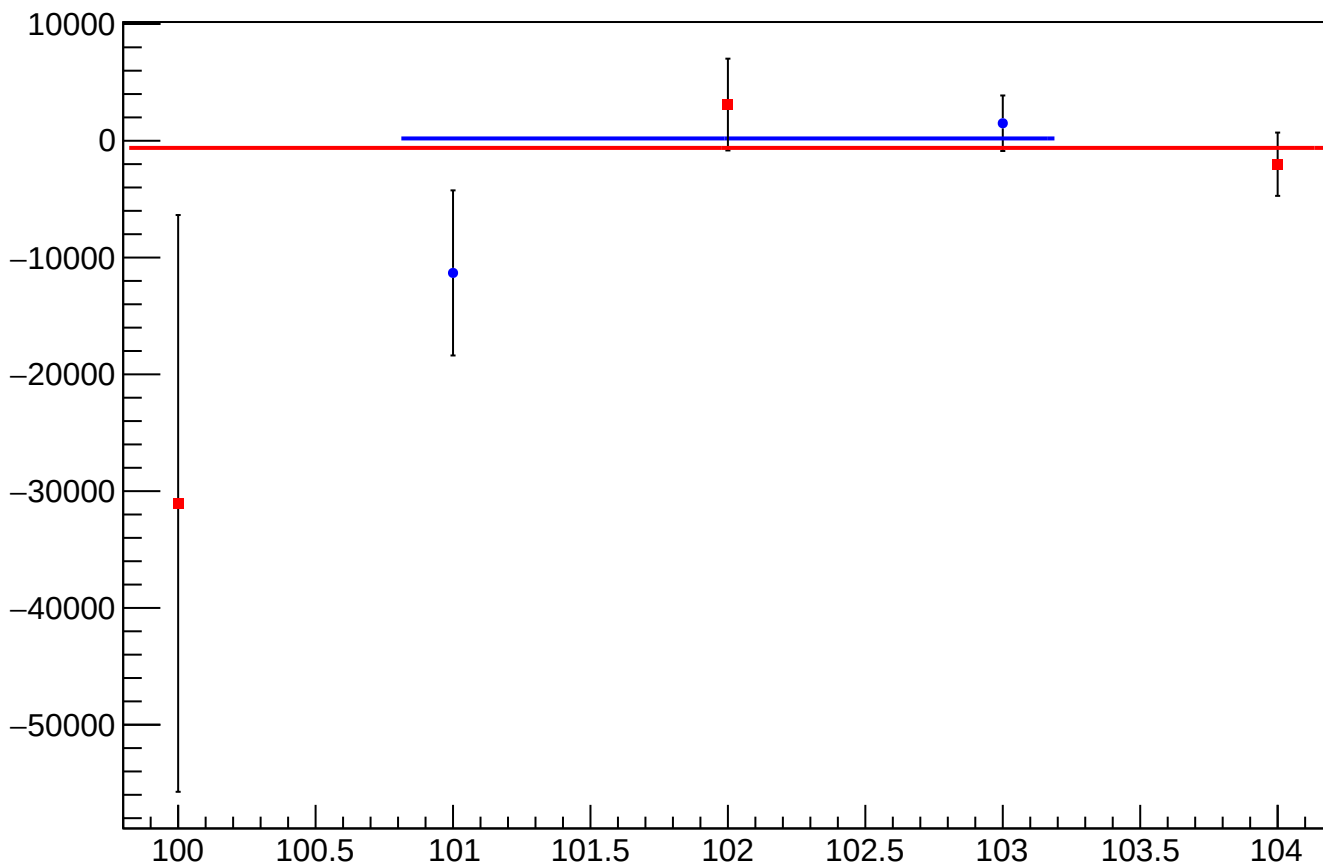
Right: 1708.790+/-0.857 χ^2/NDF : 246557.0/4

In: 1858.111+/-1.233 χ^2/NDF : 107274.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1708.790+/-0.857 χ^2/NDF : 246557.0/4

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: -610.859+/-2221.437 χ^2/NDF : 2.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

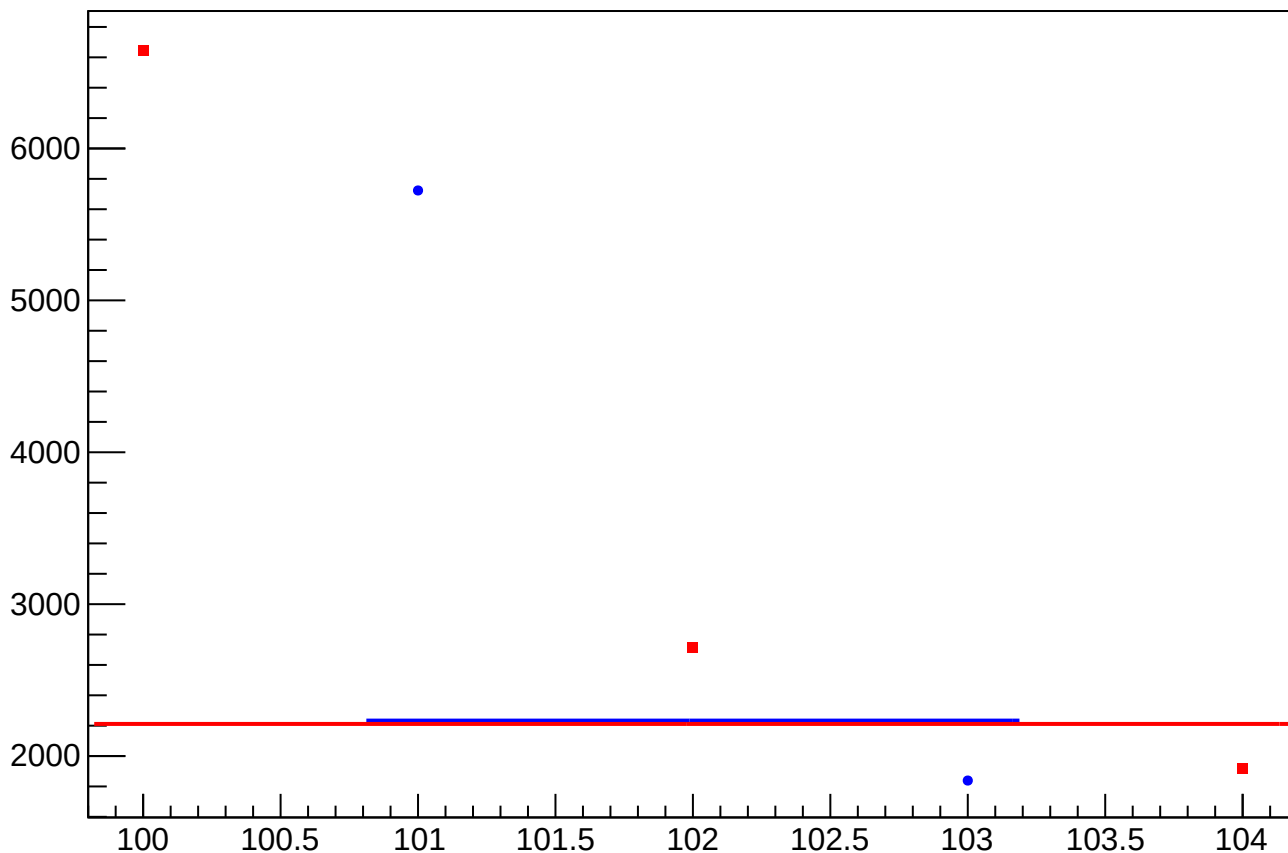
Right: -211.624+/-1581.715 χ^2/NDF : 5.7/4

In: 198.911+/-2252.654 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.624+/-1581.715 χ^2/NDF : 5.7/4

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: 2211.548+/-1.571 χ^2/NDF : 120102.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

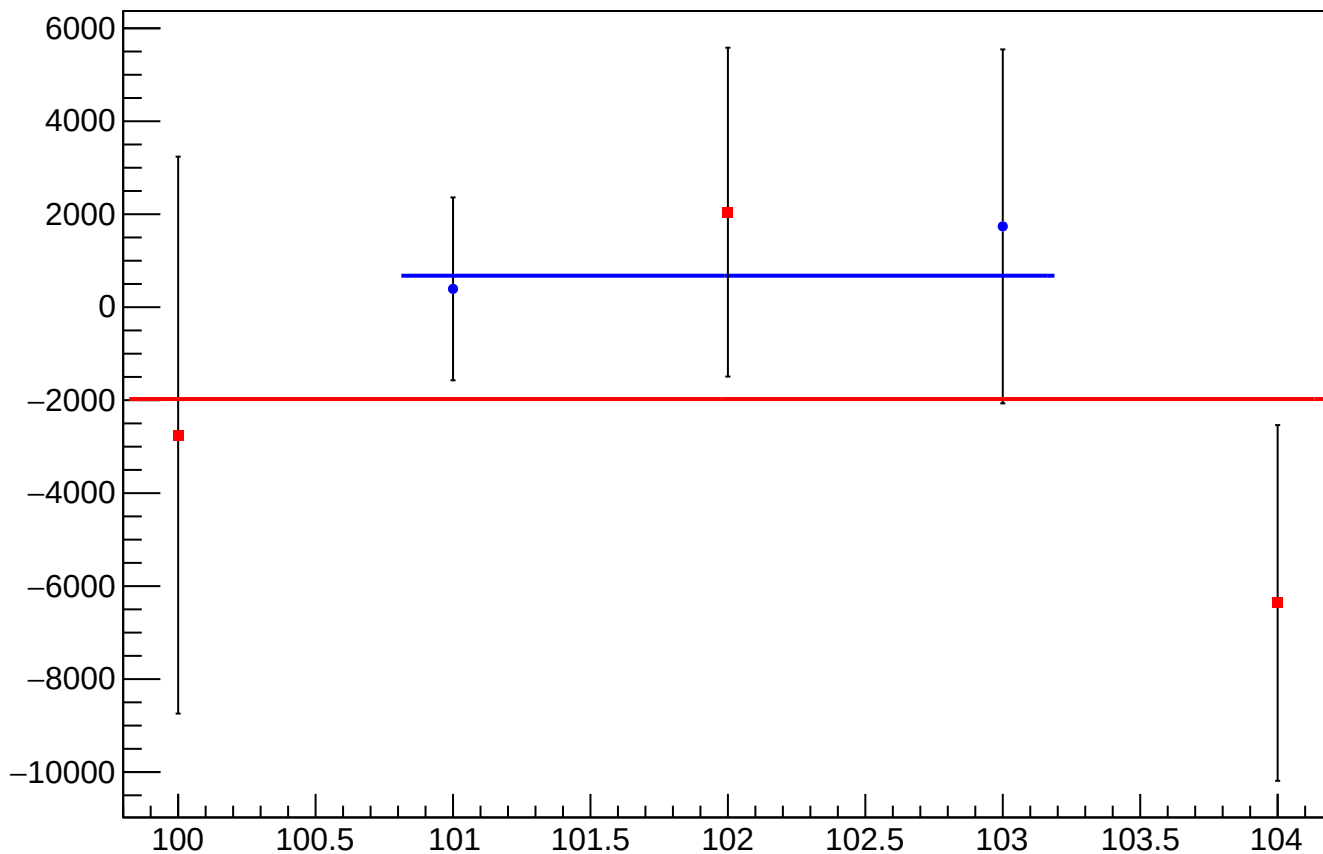
Right: 2222.347+/-1.118 χ^2/NDF : 662967.8/4

In: 2233.451+/-1.593 χ^2/NDF : 542769.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.347+/-1.118 χ^2/NDF : 662967.8/4

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: -1975.871+/-2383.083 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

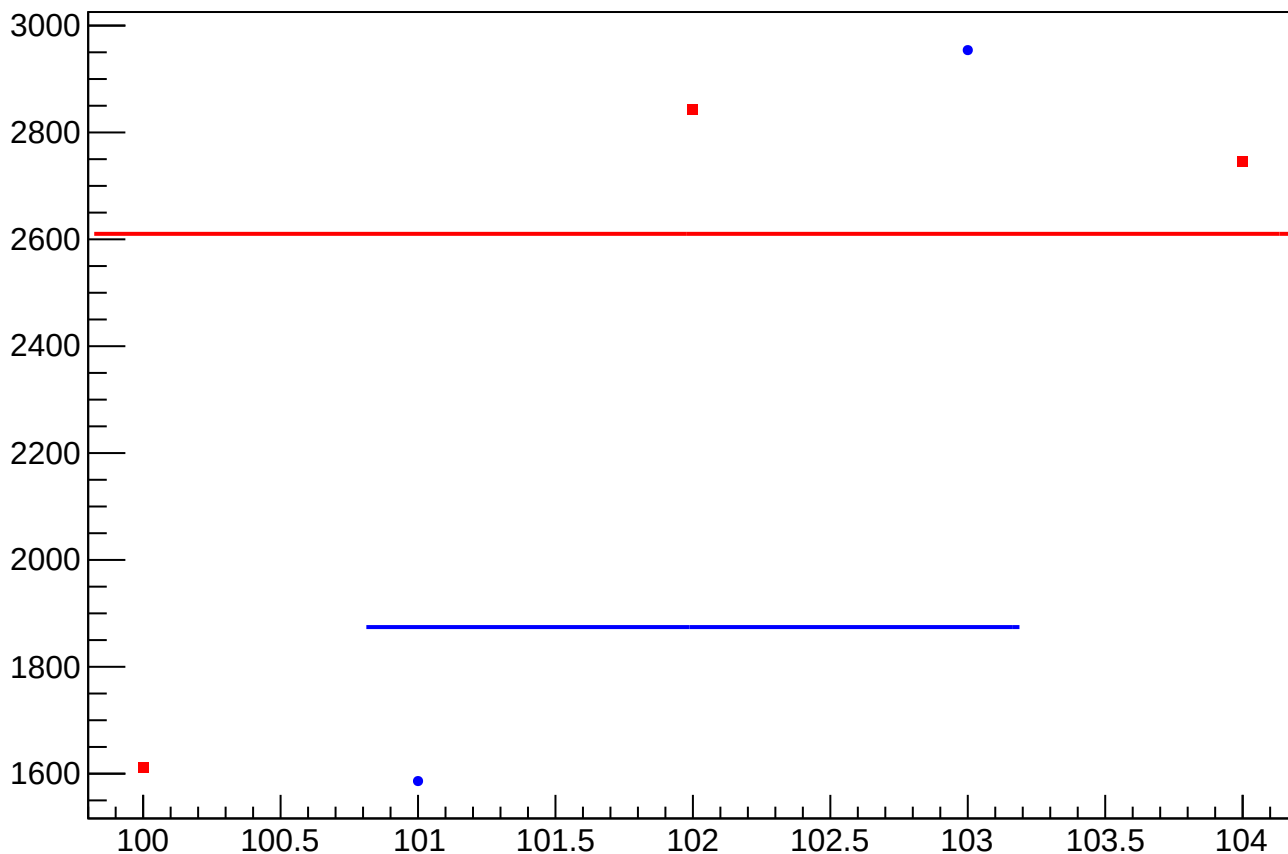
Right: -250.207+/-1409.109 χ^2/NDF : 3.5/4

In: 677.495+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.207+/-1409.109 χ^2/NDF : 3.5/4

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: 2610.268+/-1.685 χ^2/NDF : 66647.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

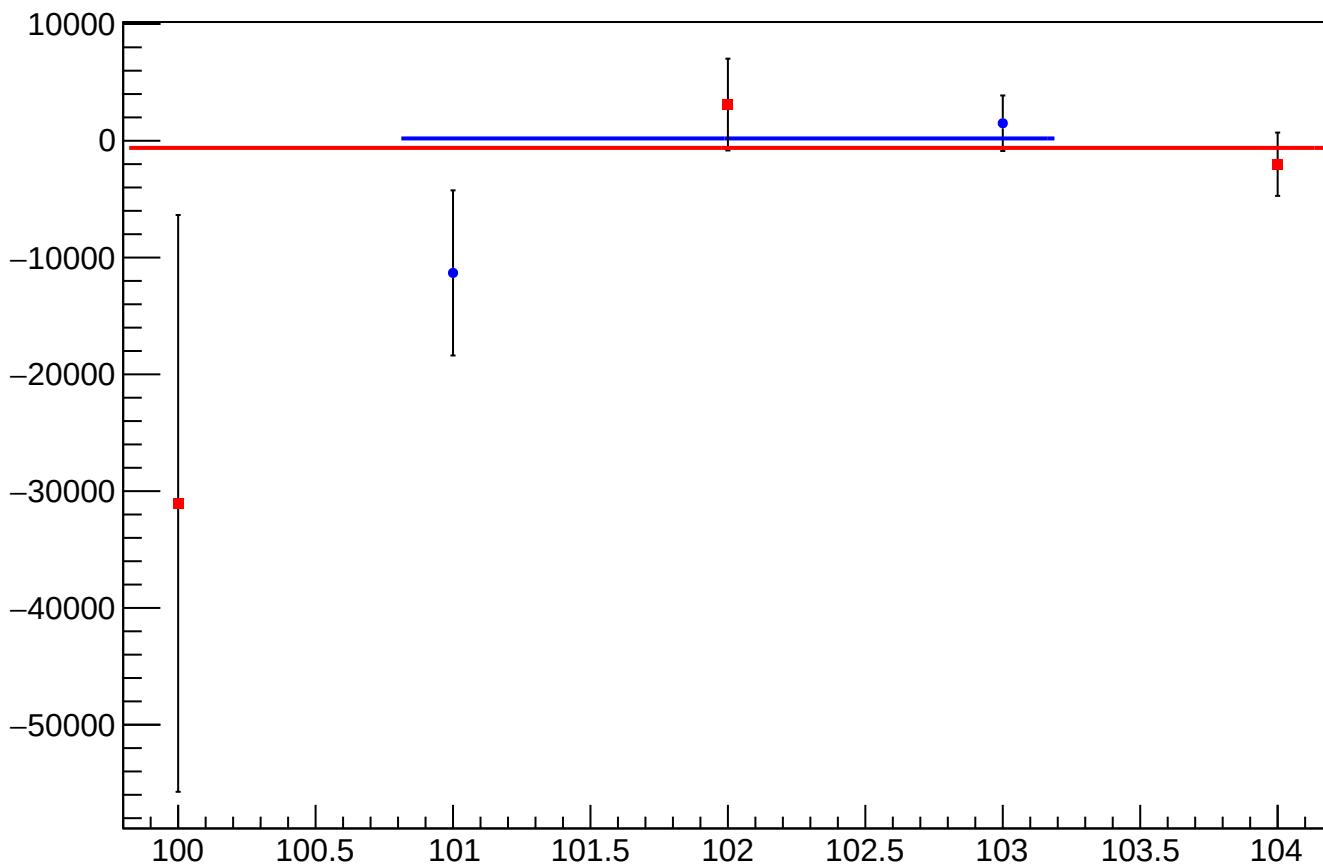
Right: 2131.653+/-0.996 χ^2/NDF : 394518.6/4

In: 1874.354+/-1.236 χ^2/NDF : 203830.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.653+/-0.996 χ^2/NDF : 394518.6/4

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: 198.907 $\pm$ 2252.654 χ^2 /NDF: 3.0/1

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

Right Out: -610.866 $\pm$ 2221.437 χ^2 /NDF: 2.7/2

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

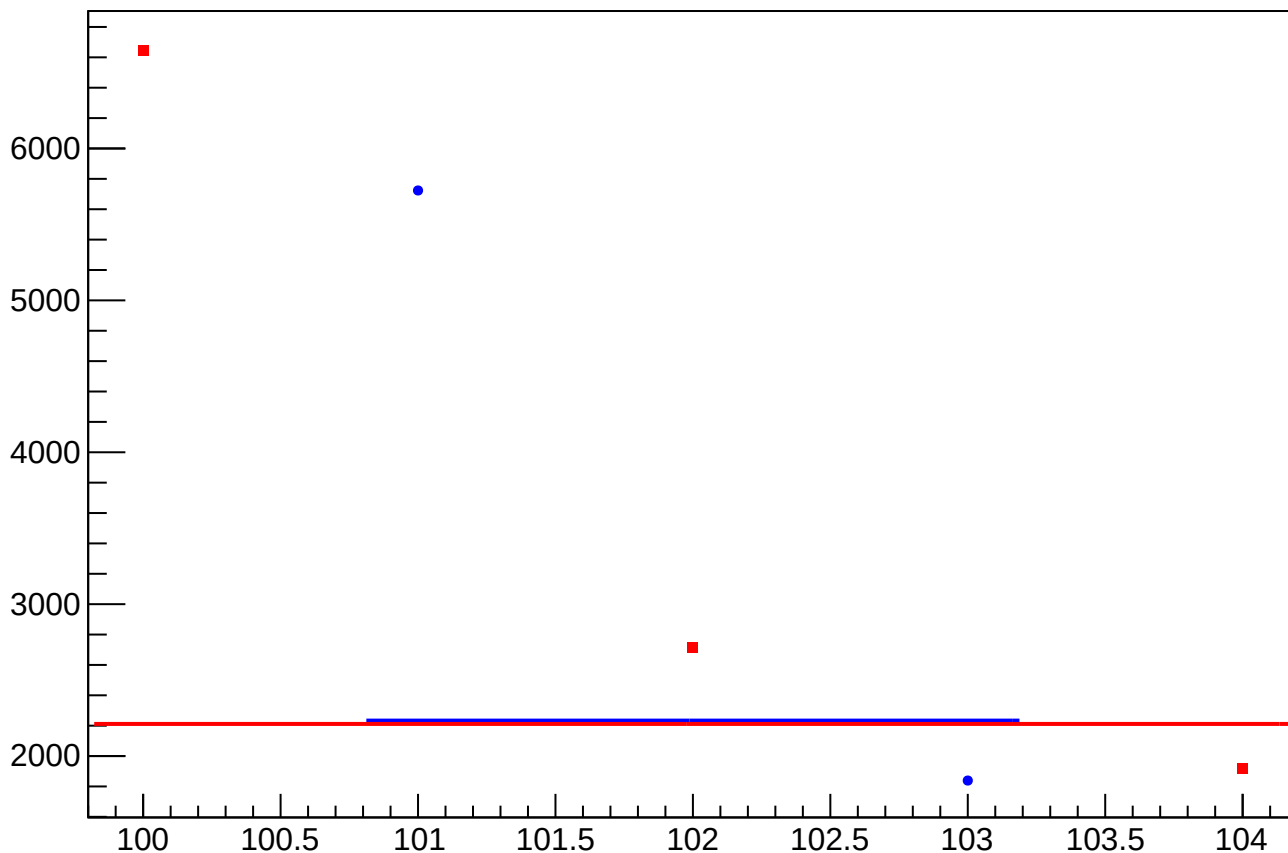
Right: -211.629 $\pm$ 1581.714 χ^2 /NDF: 5.7/4

In: 198.907 $\pm$ 2252.654 χ^2 /NDF:3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -211.629 $\pm$ 1581.714 χ^2 /NDF: 5.7/4

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: 2211.548+/-1.571 χ^2/NDF : 120102.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

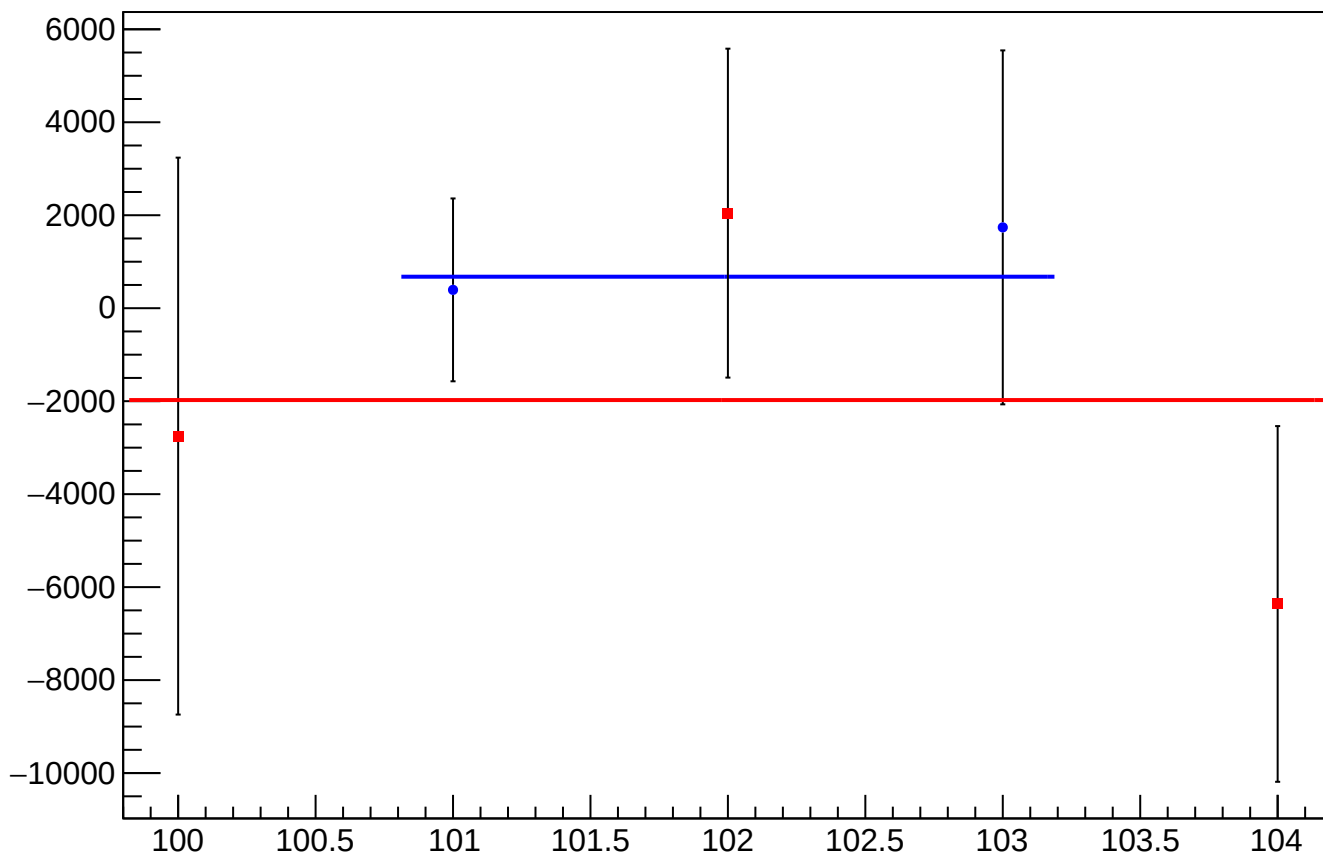
Right: 2222.346+/-1.118 χ^2/NDF : 662968.0/4

In: 2233.450+/-1.593 χ^2/NDF : 542770.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.346+/-1.118 χ^2/NDF : 662968.0/4

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: -1975.869+/-2383.085 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

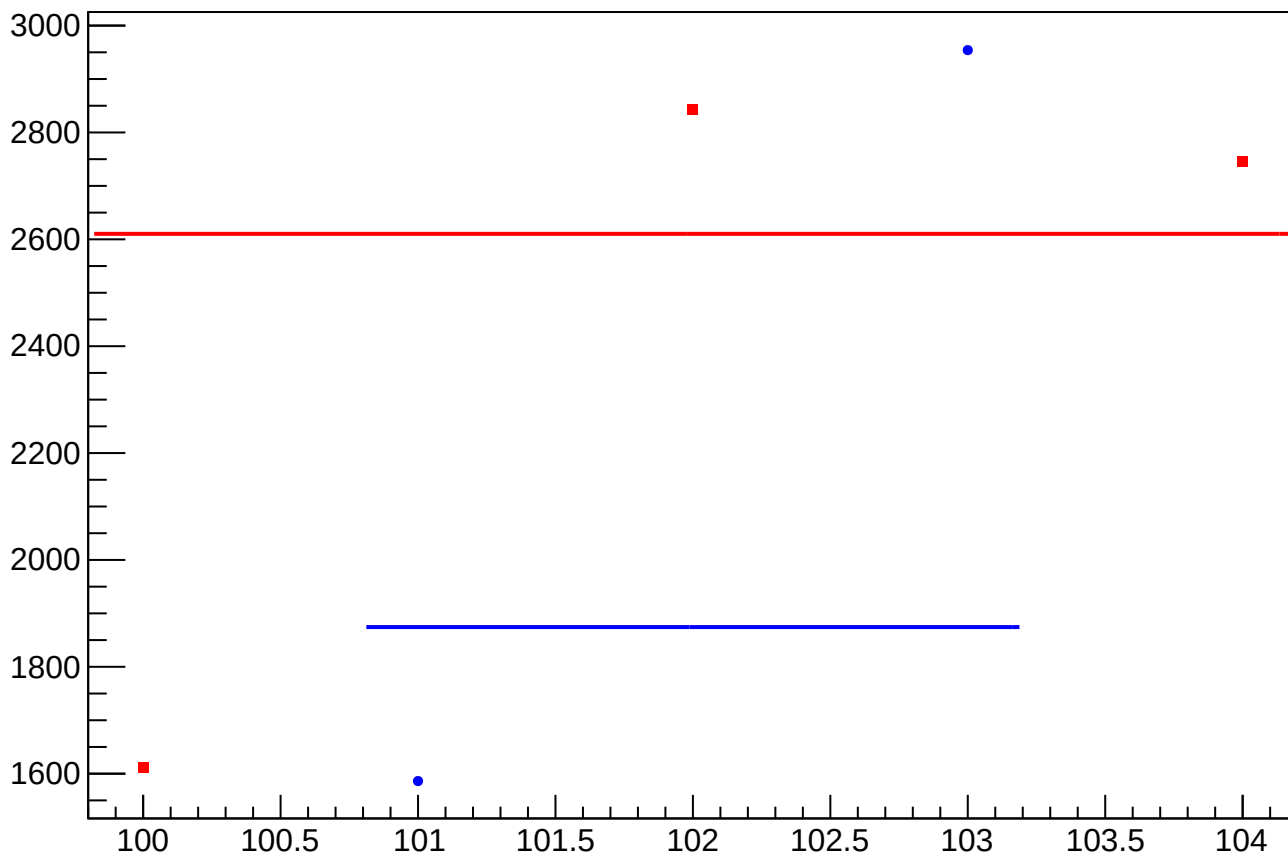
Right: -250.208+/-1409.110 χ^2/NDF : 3.5/4

In: 677.489+/-1747.290 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -250.208+/-1409.110 χ^2/NDF : 3.5/4

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: 2610.271+/-1.685 χ^2/NDF : 66647.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

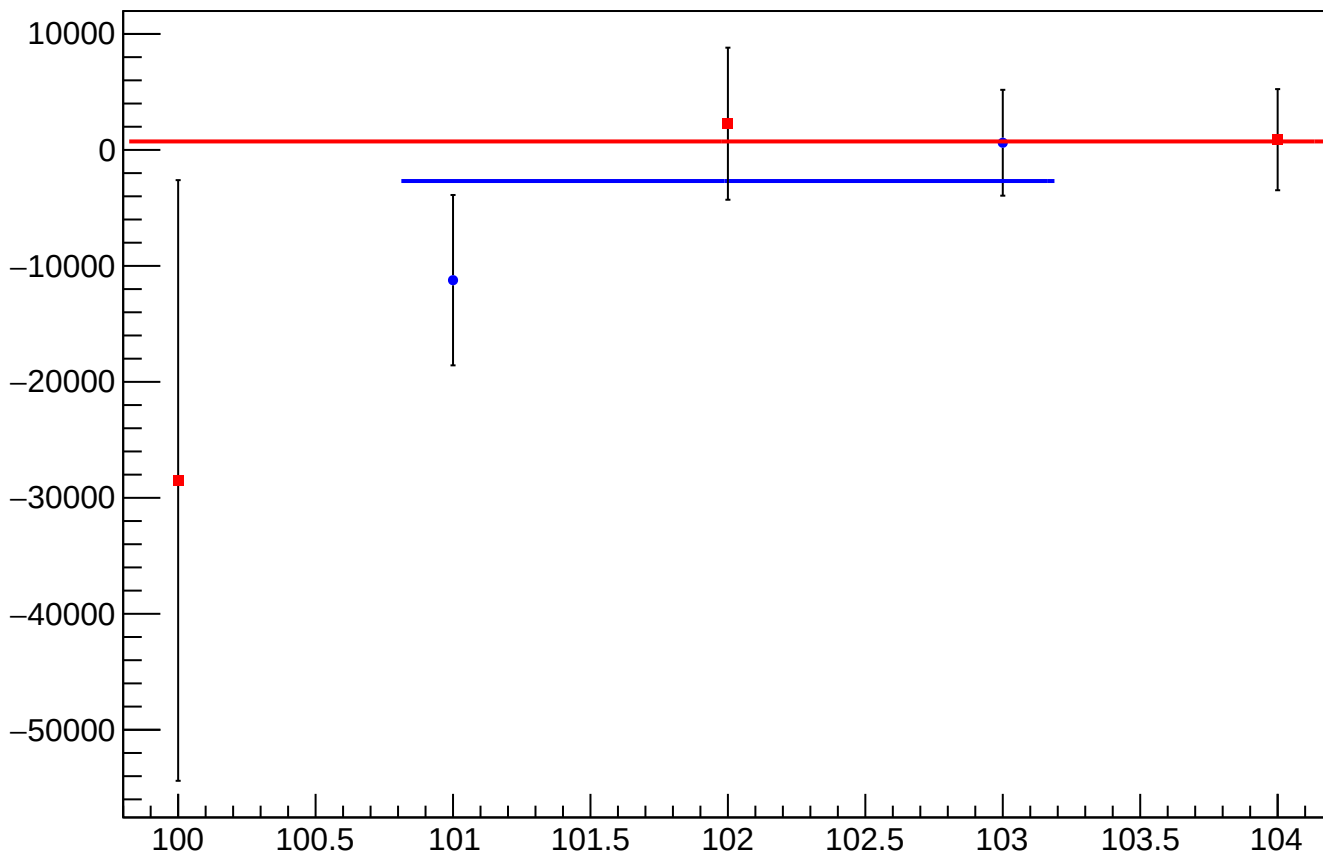
Right: 2131.653+/-0.996 χ^2/NDF : 394521.5/4

In: 1874.353+/-1.236 χ^2/NDF : 203831.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2131.653+/-0.996 χ^2/NDF : 394521.5/4

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: 731.603+/-3595.585 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

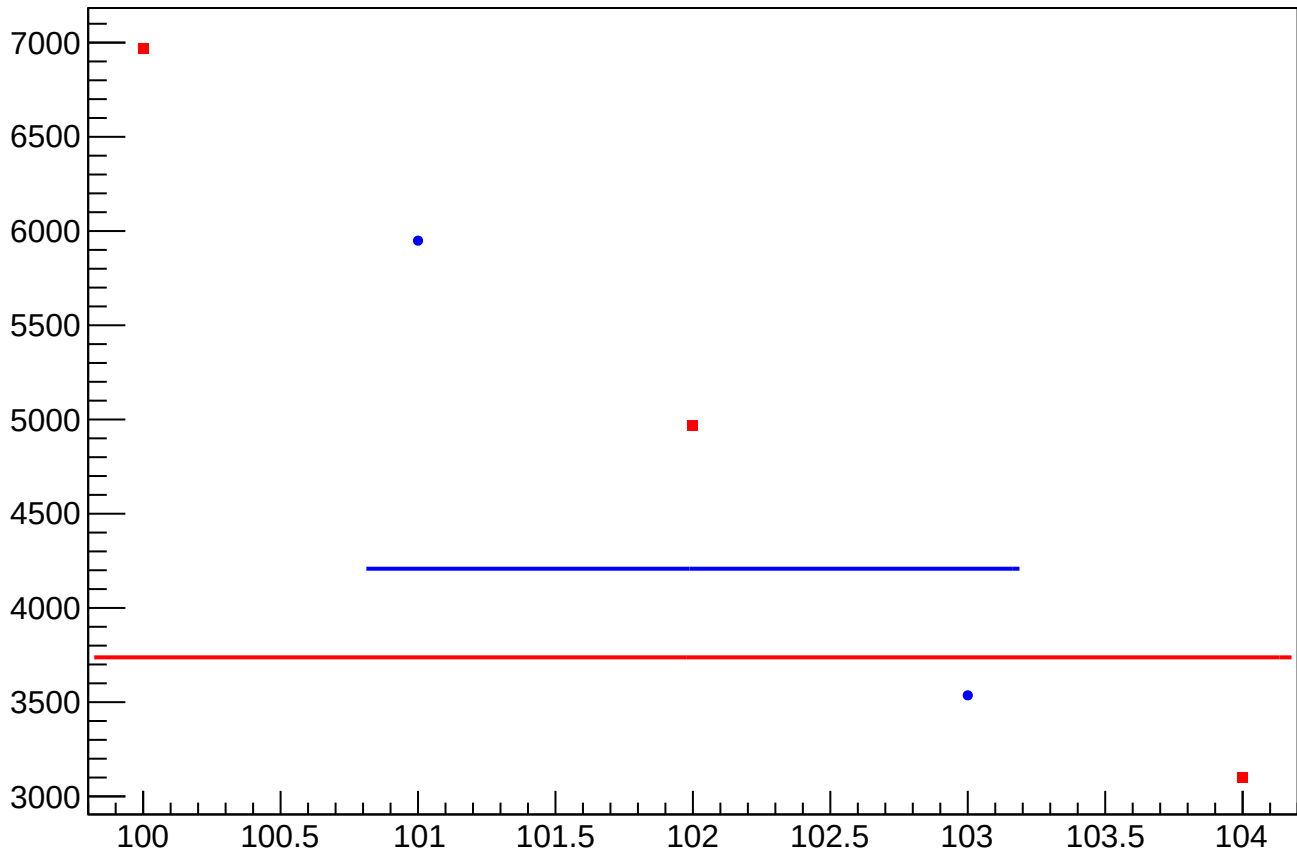
Right: -846.791+/-2636.135 χ^2/NDF : 3.6/4

In: -2681.302+/-3876.341 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.791+/-2636.135 χ^2/NDF : 3.6/4

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: 3737.781+/-2.542 χ^2/NDF : 144187.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

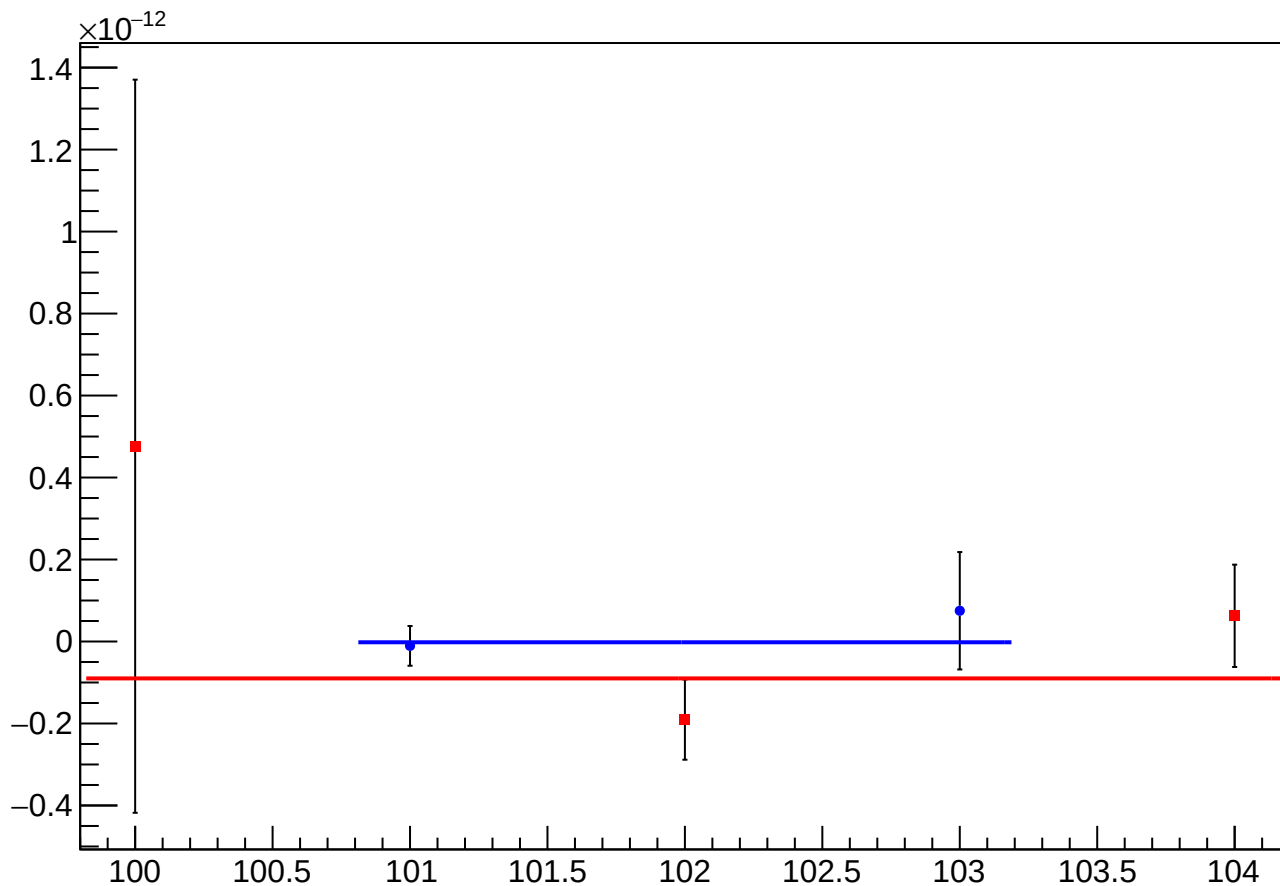
Right: 3955.323+/-1.864 χ^2/NDF : 315711.4/4

In: 4208.197+/-2.741 χ^2/NDF : 155690.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3955.323+/-1.864 χ^2/NDF : 315711.4/4

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 : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

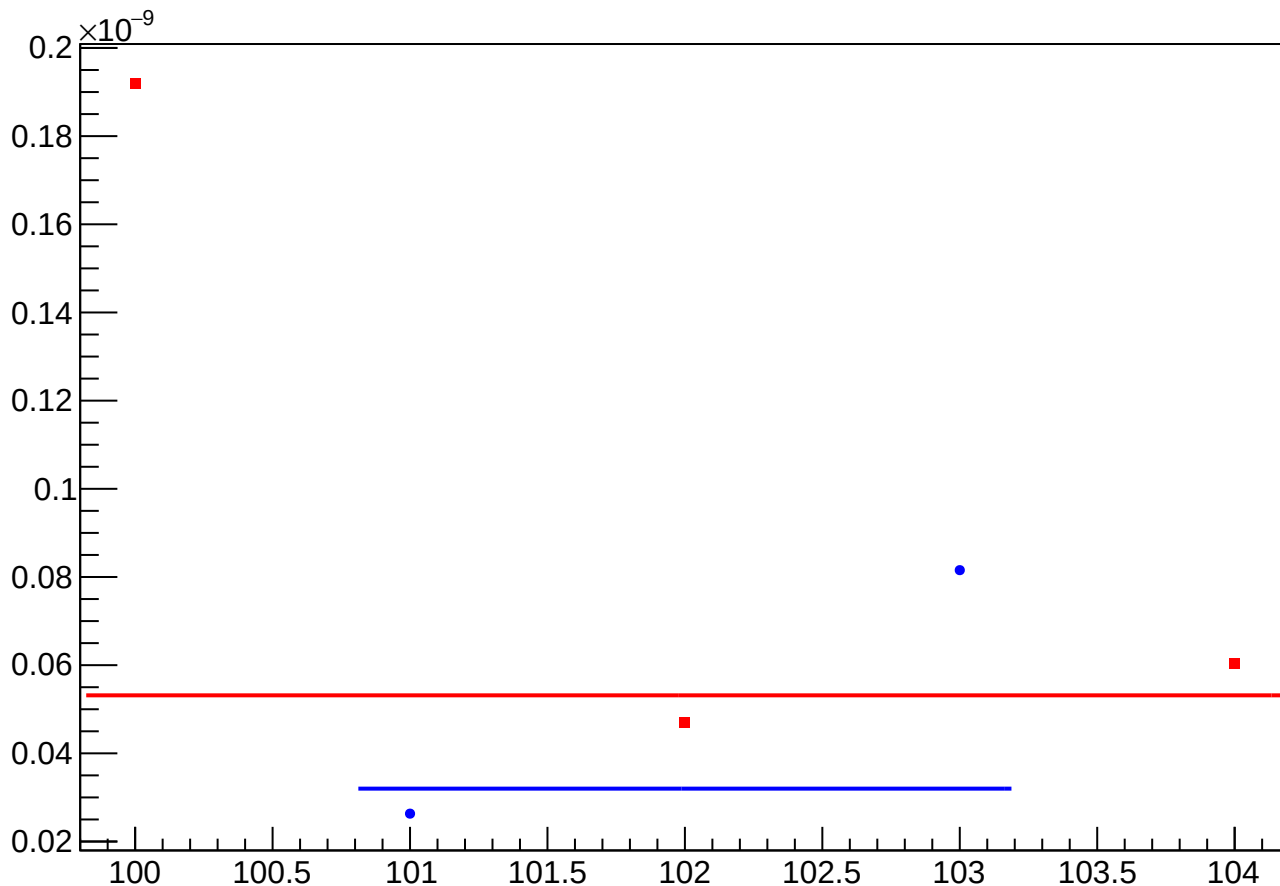
Right: -0.000+/-0.000 χ^2/NDF : 4.2/4

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 : 4.2/4

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 : 62996.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

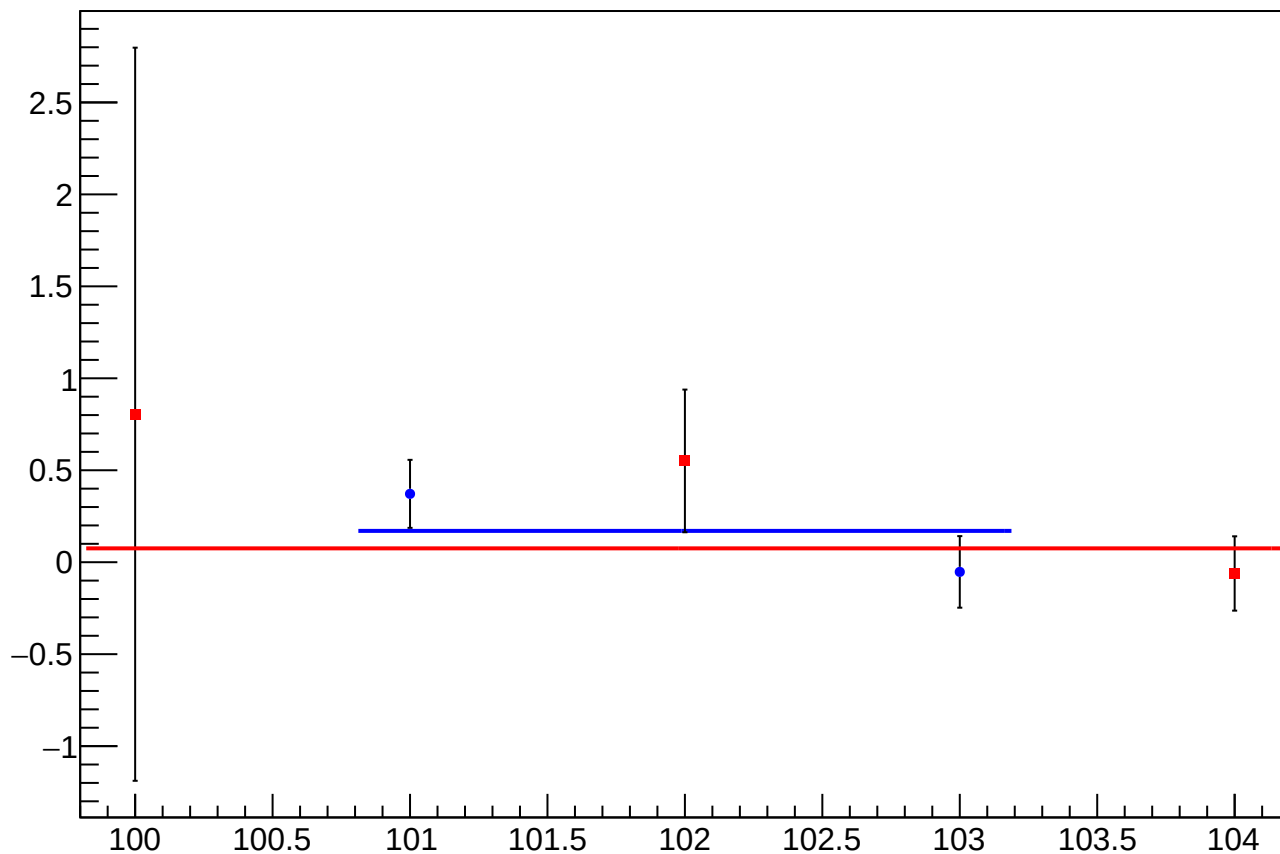
Right: 0.000+/-0.000 χ^2/NDF : 442069.2/4

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 : 442069.2/4

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: 0.075+/-0.178 χ^2/NDF : 2.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

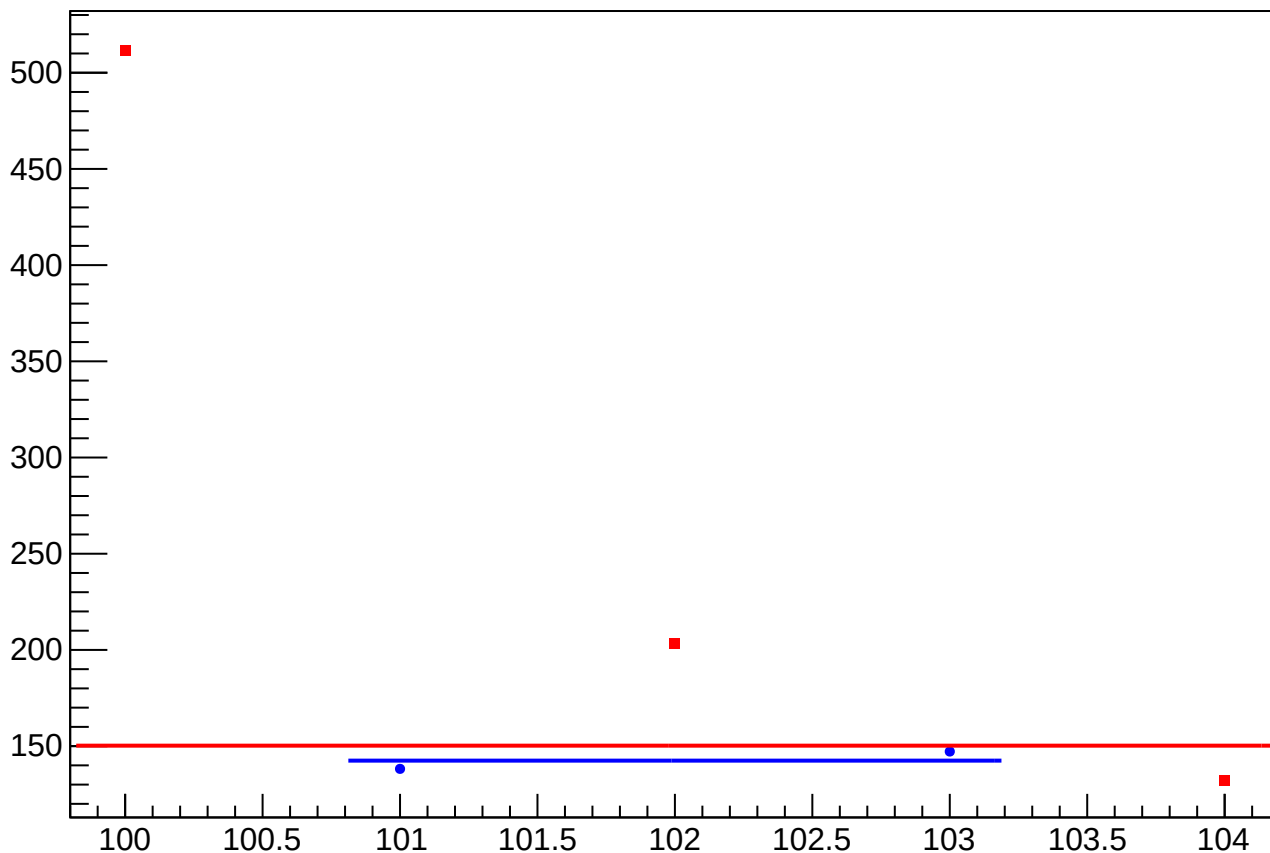
Right: 0.136+/-0.107 χ^2/NDF : 4.8/4

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.136+/-0.107 χ^2/NDF : 4.8/4

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: 150.242 ± 0.126 χ^2/NDF : 119284.5/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

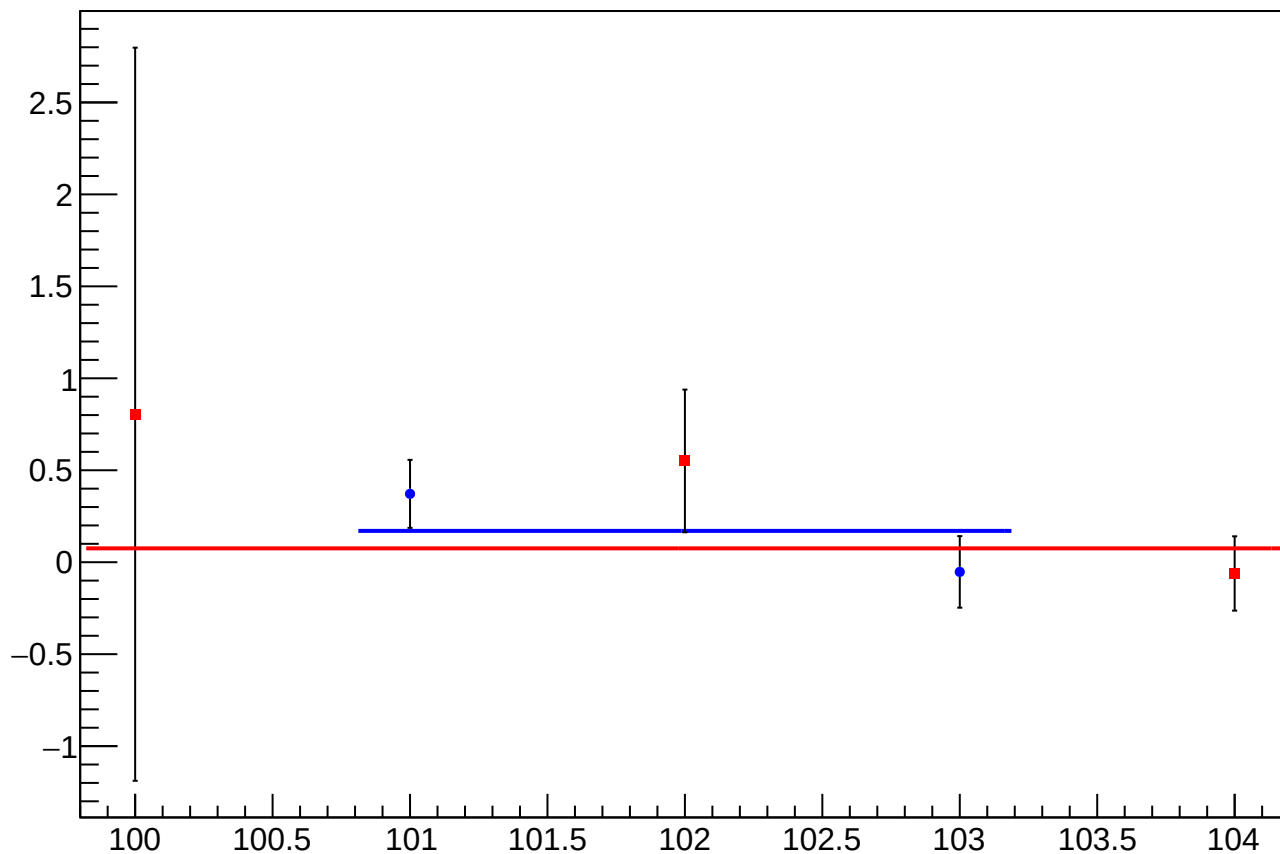
Right: 145.267 ± 0.076 χ^2/NDF : 123970.0/4

In: 142.461 ± 0.095 χ^2/NDF : 2255.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 145.267 ± 0.076 χ^2/NDF : 123970.0/4

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: 0.075+/-0.178 χ^2/NDF : 2.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

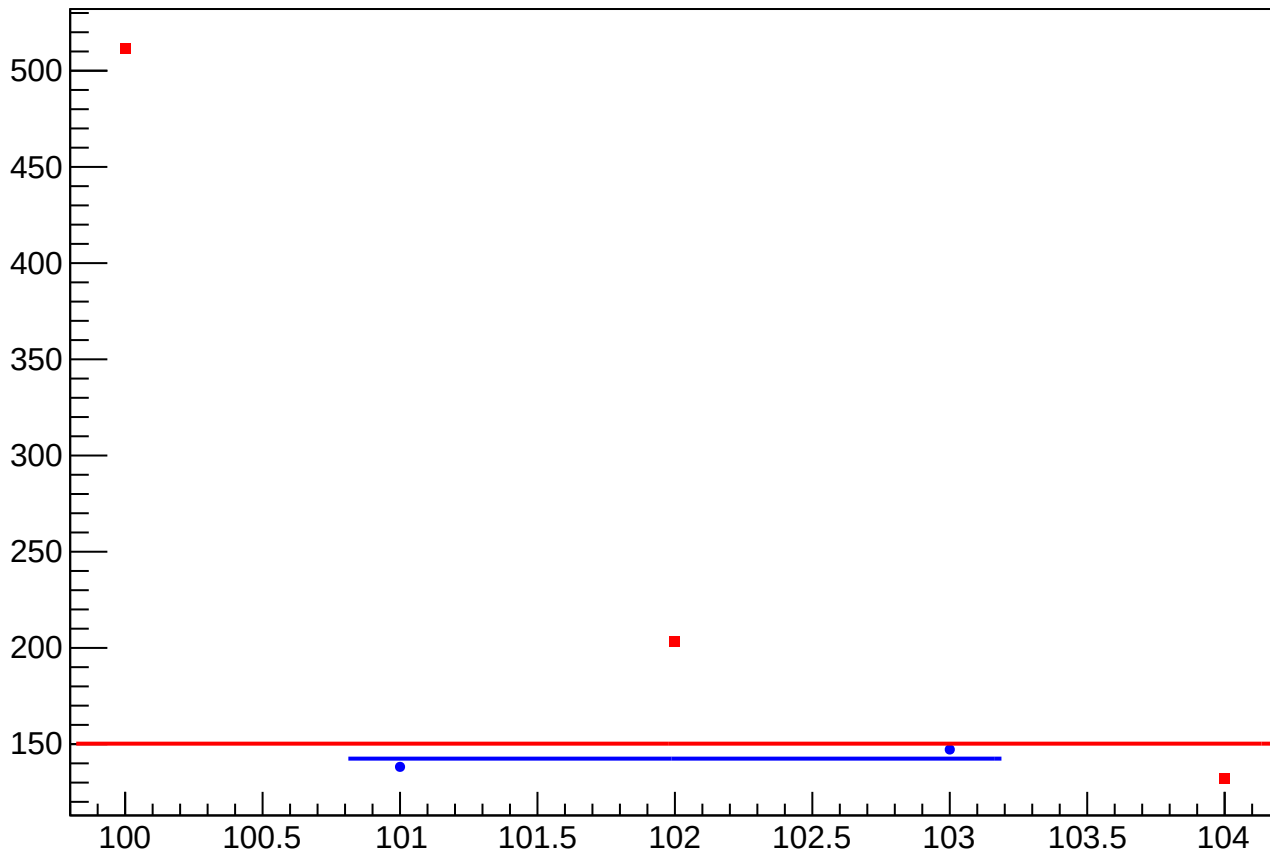
Right: 0.136+/-0.107 χ^2/NDF : 4.8/4

In: 0.170+/-0.134 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.136+/-0.107 χ^2/NDF : 4.8/4

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.461 $\pm$ 0.095 χ^2 /NDF: 2255.3/1

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

Right Out: 150.242 $\pm$ 0.126 χ^2 /NDF: 119284.5/2

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

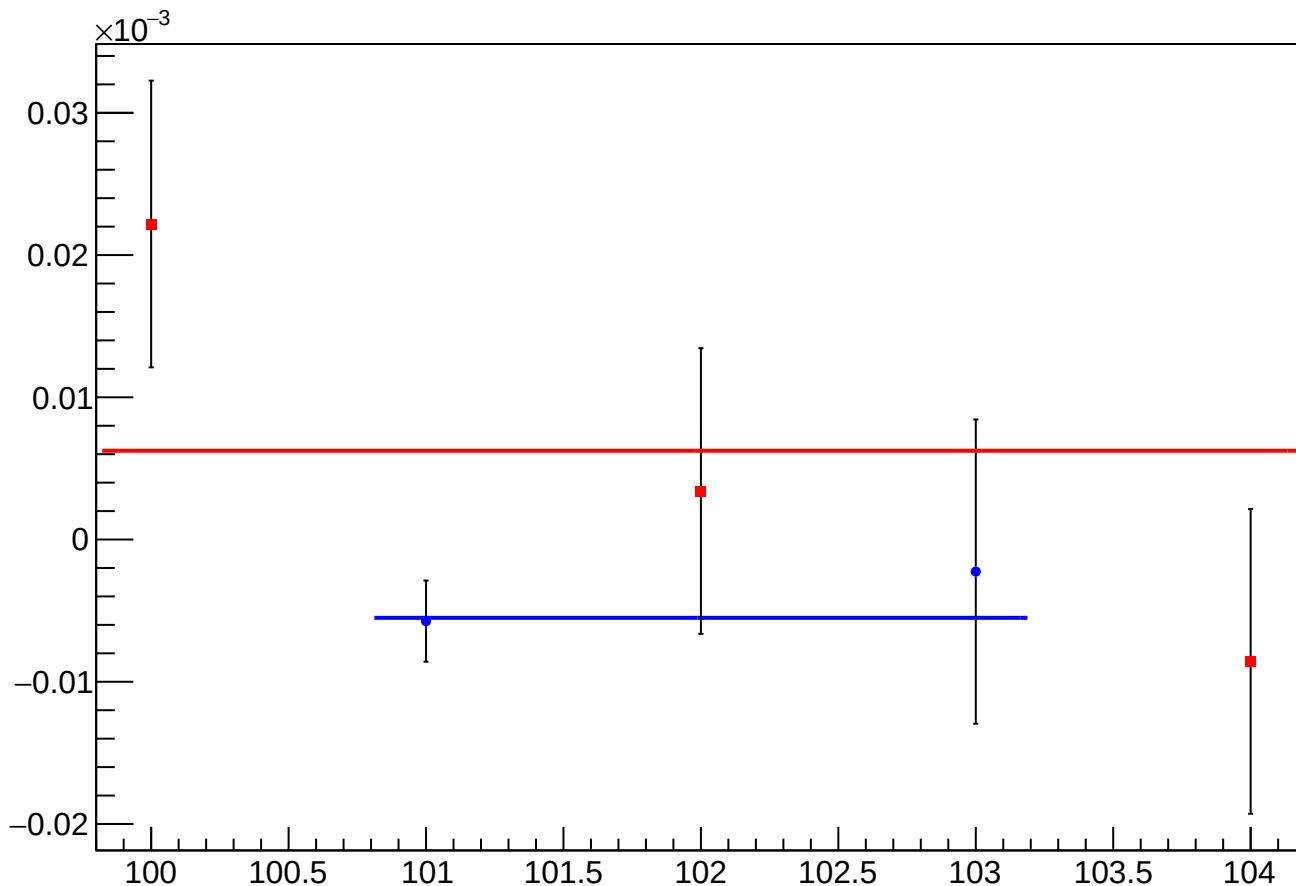
Right: 145.267 $\pm$ 0.076 χ^2 /NDF: 123970.0/4

In: 142.461 $\pm$ 0.095 χ^2 /NDF:2255.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.267 $\pm$ 0.076 χ^2 /NDF: 123970.0/4

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: 4.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

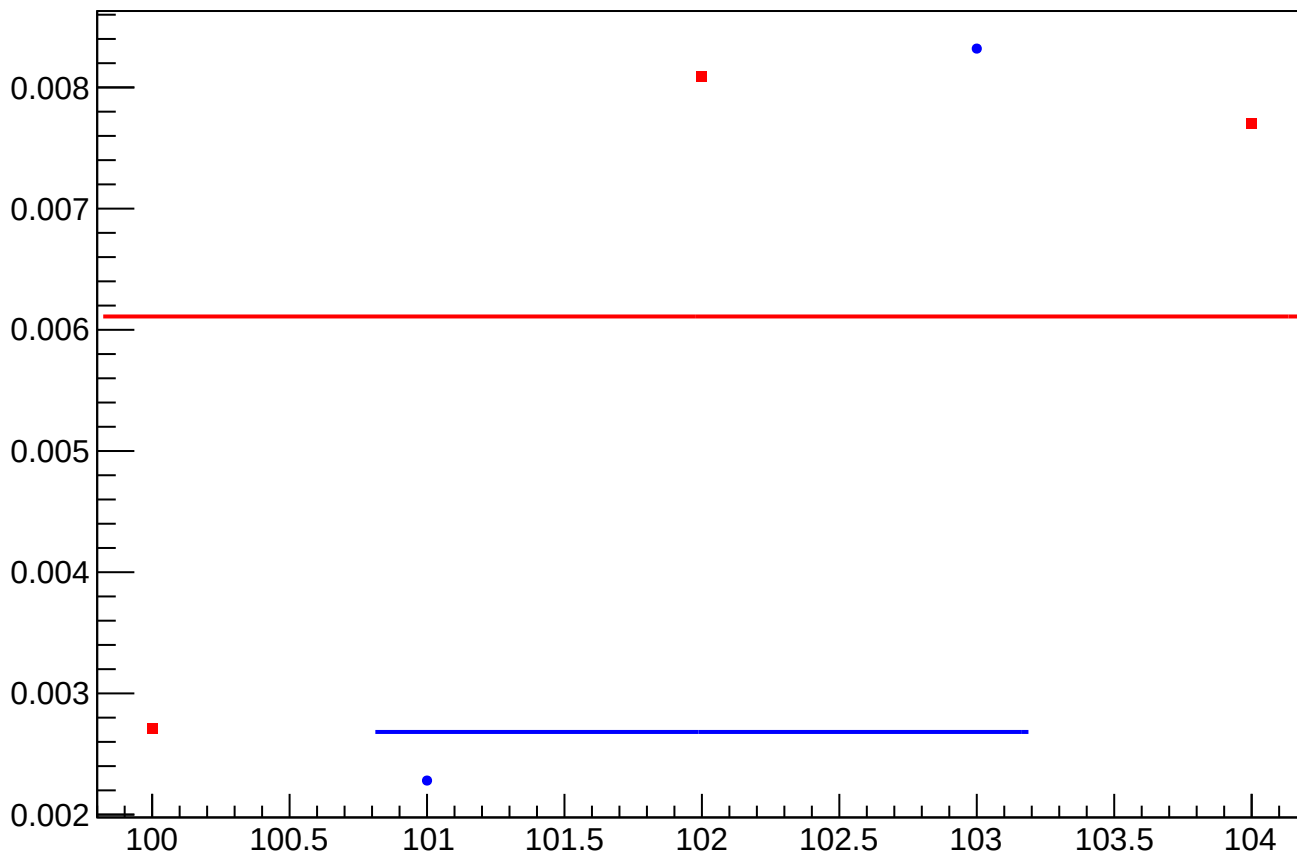
Right: -0.000+/-0.000 χ^2 /NDF: 7.8/4

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: 7.8/4

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: 0.006+/-0.000 χ^2/NDF : 348969.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

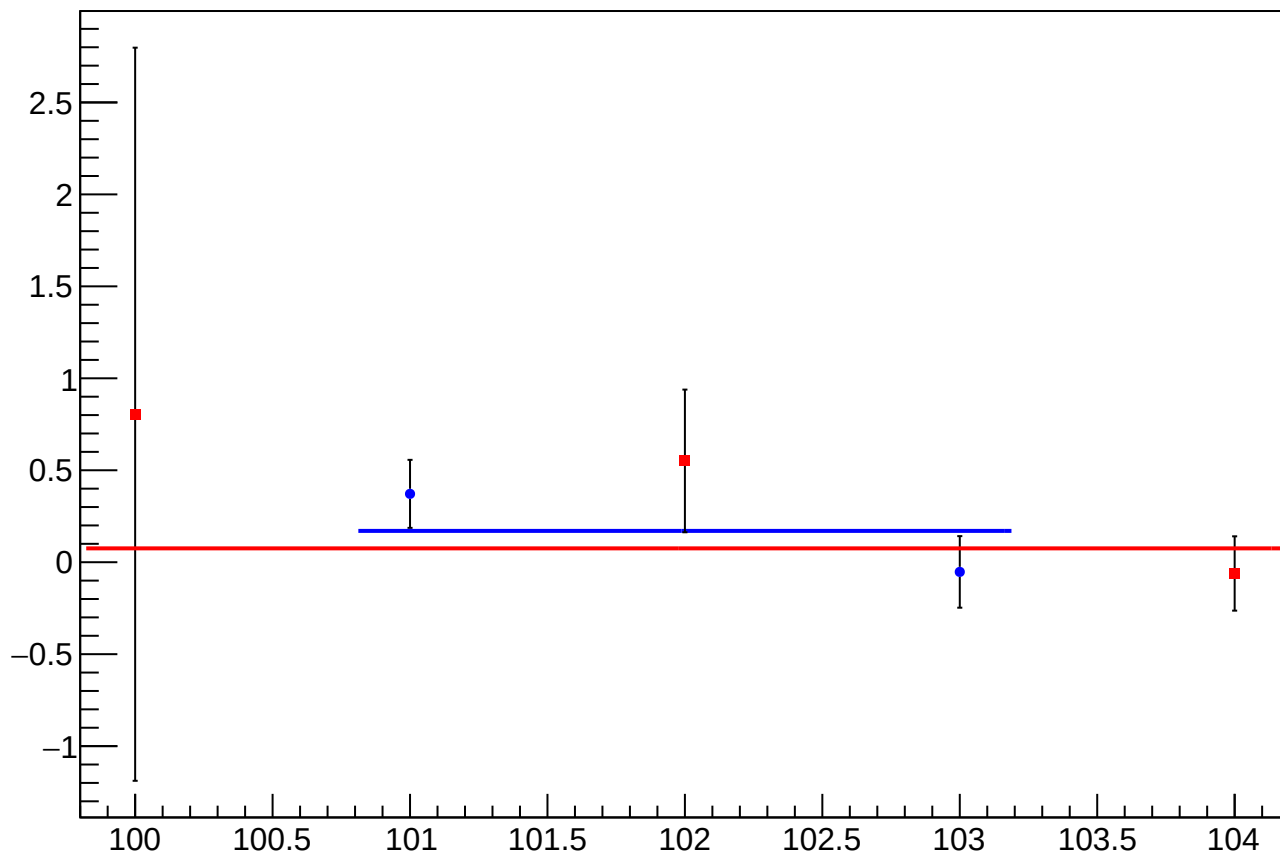
Right: 0.003+/-0.000 χ^2/NDF : 1494070.1/4

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 : 1494070.1/4

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.170 $\pm$ 0.134 χ^2 /NDF: 2.5/1

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

Right Out: 0.075 $\pm$ 0.178 χ^2 /NDF: 2.1/2

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

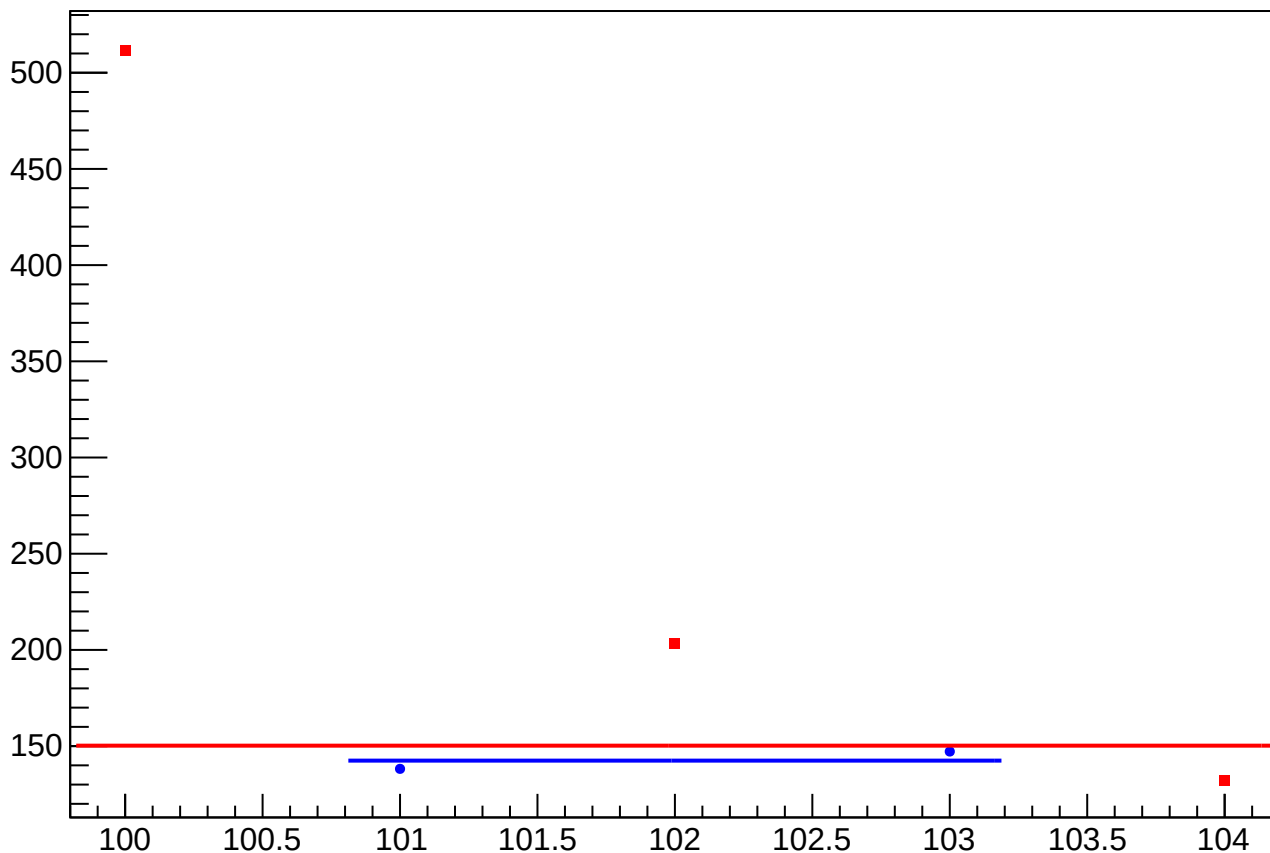
Right: 0.136 $\pm$ 0.107 χ^2 /NDF: 4.8/4

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: 0.136 $\pm$ 0.107 χ^2 /NDF: 4.8/4

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: 150.234+/-0.126 χ^2/NDF : 119286.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

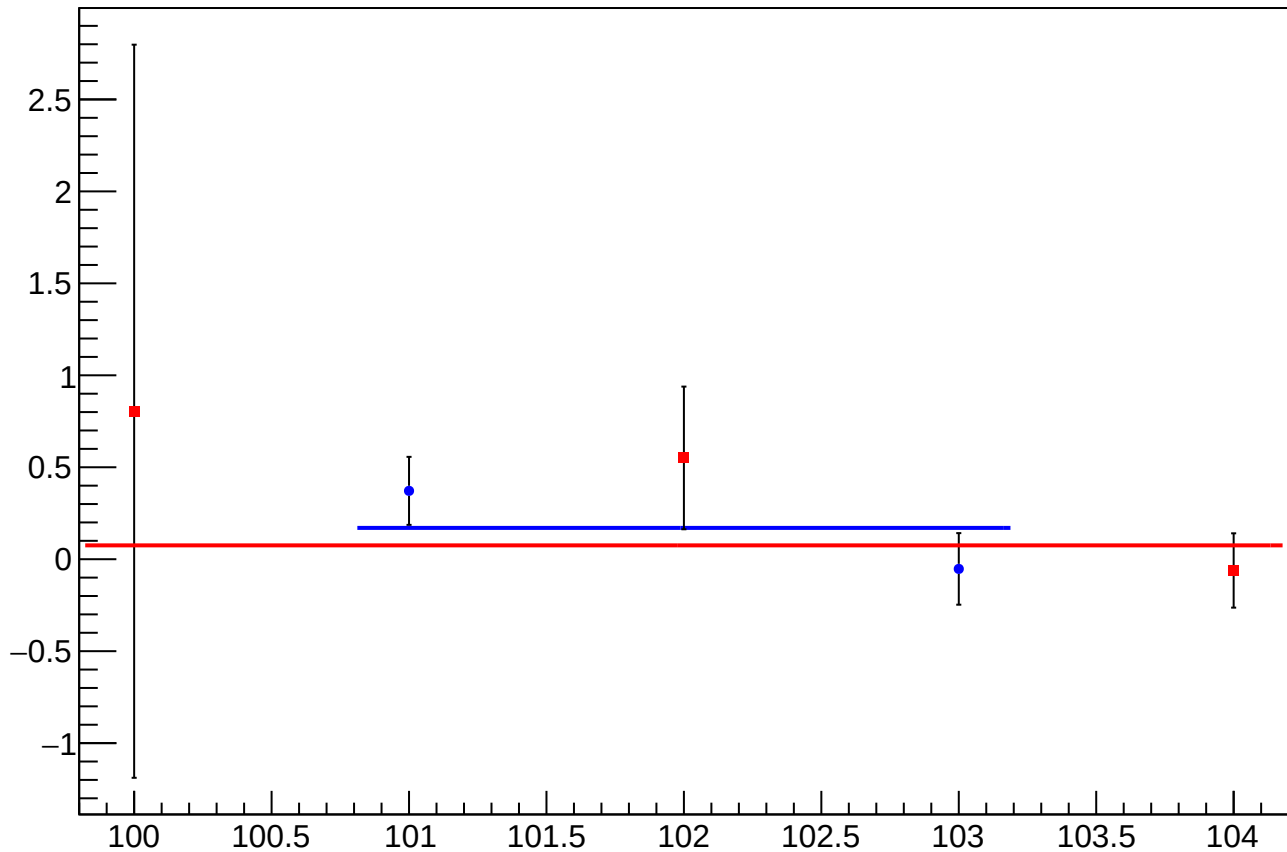
Right: 145.262+/-0.076 χ^2/NDF : 123966.2/4

In: 142.458+/-0.095 χ^2/NDF : 2251.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.262+/-0.076 χ^2/NDF : 123966.2/4

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: 0.075 $\pm$ 0.178 χ^2 /NDF: 2.1/2

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

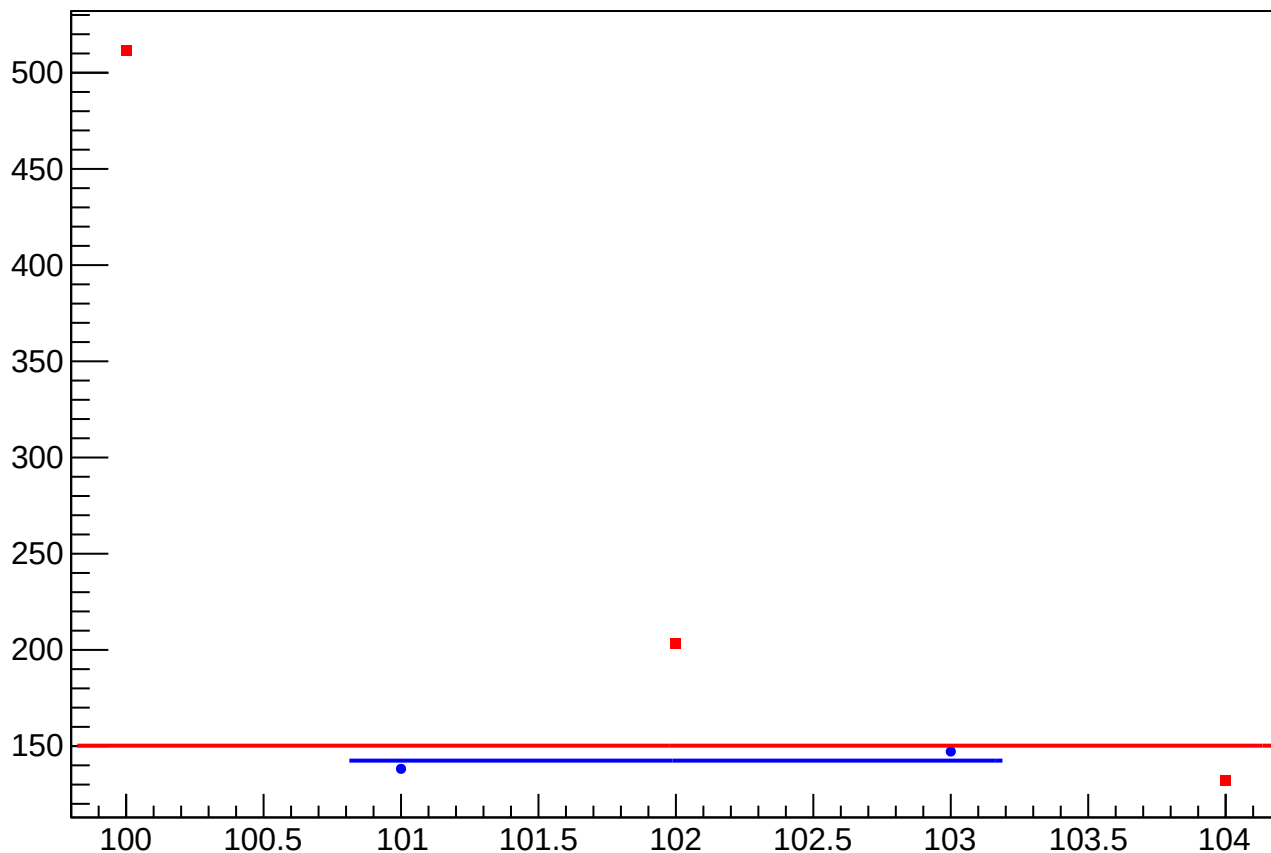
Right: 0.136 $\pm$ 0.107 χ^2 /NDF: 4.8/4

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: 0.136 $\pm$ 0.107 χ^2 /NDF: 4.8/4

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 142.458 $\pm$ 0.095 χ^2 /NDF: 2251.9/1

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

Right Out: 150.234 $\pm$ 0.126 χ^2 /NDF: 119286.9/2

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

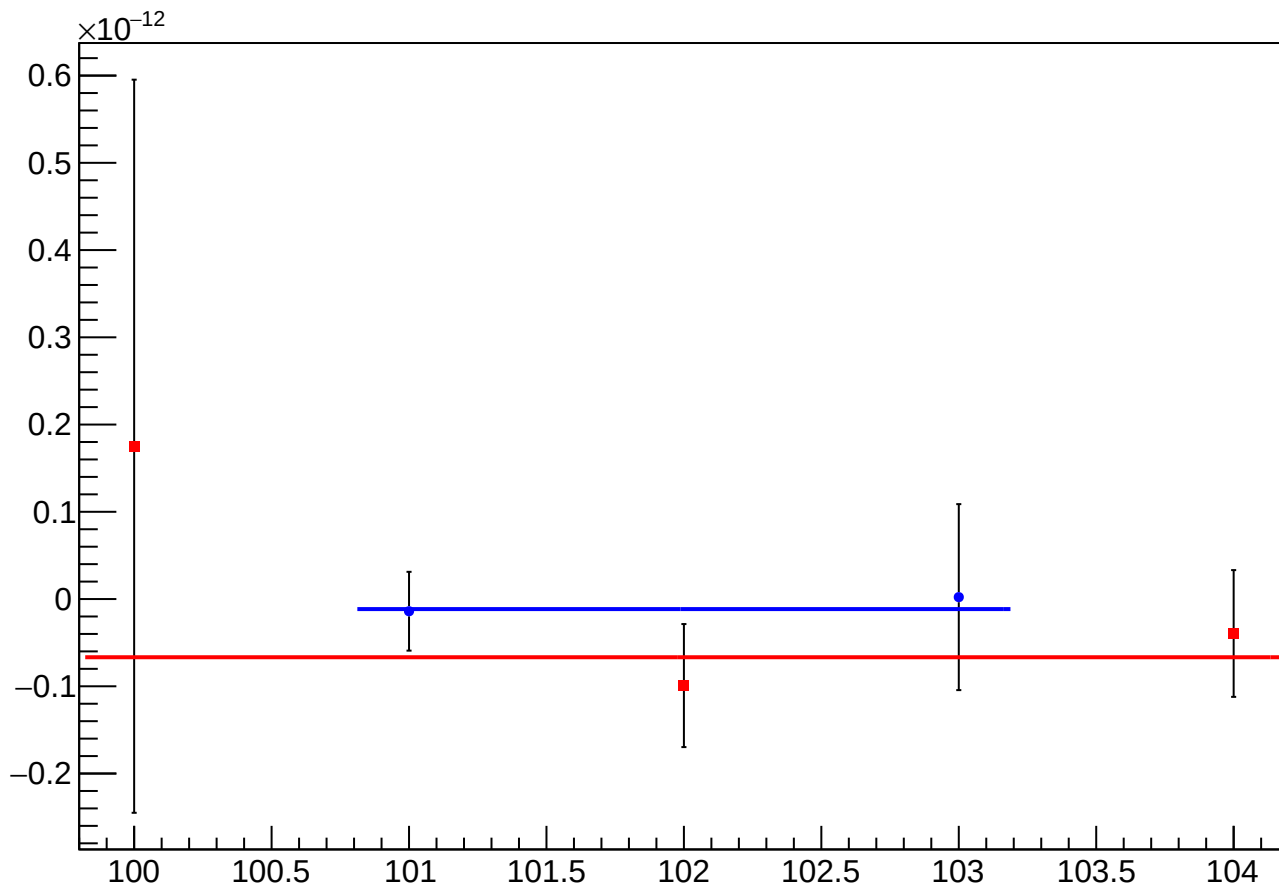
Right: 145.262 $\pm$ 0.076 χ^2 /NDF: 123966.2/4

In: 142.458 $\pm$ 0.095 χ^2 /NDF:2251.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.262 $\pm$ 0.076 χ^2 /NDF: 123966.2/4

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 : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

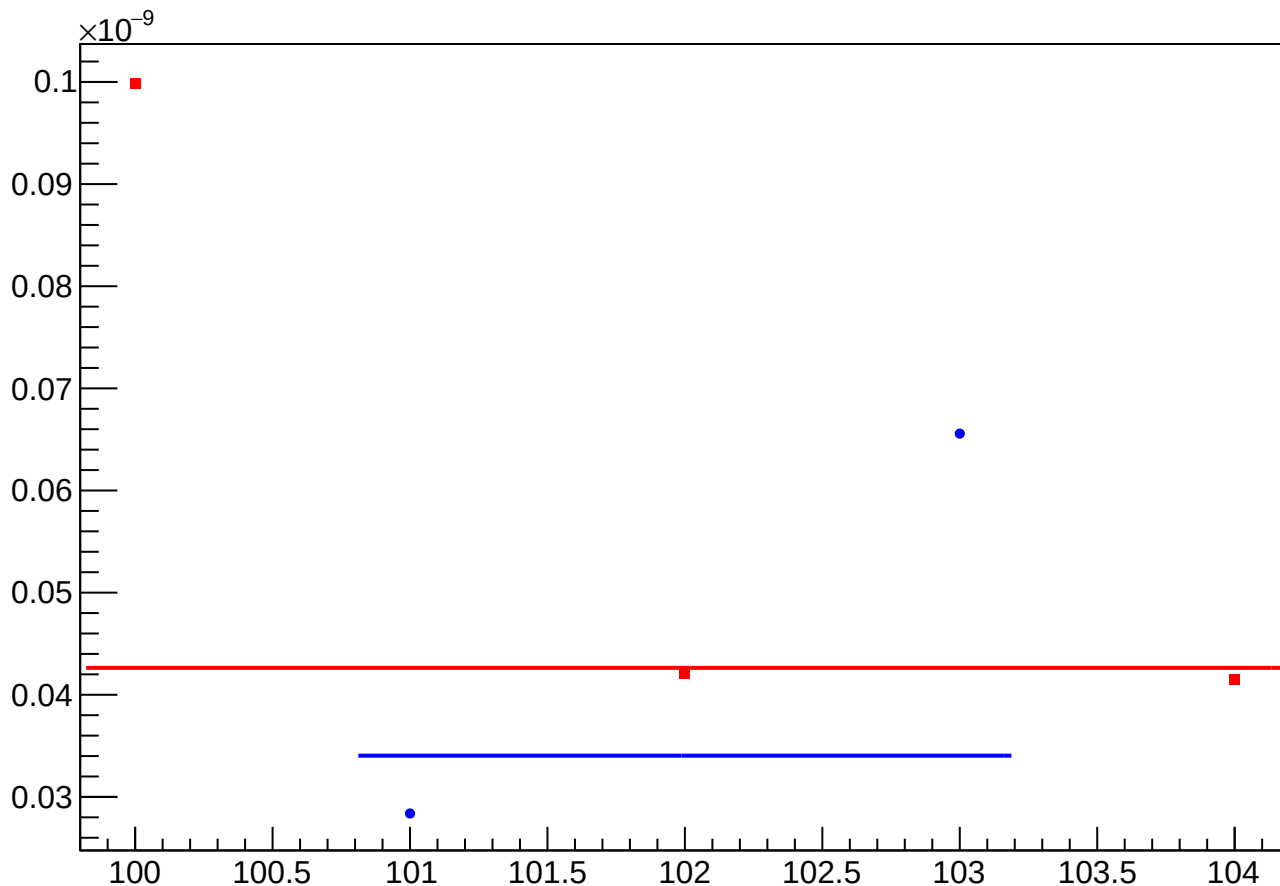
Right: -0.000+/-0.000 χ^2/NDF : 1.4/4

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 : 1.4/4

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 : 37681.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

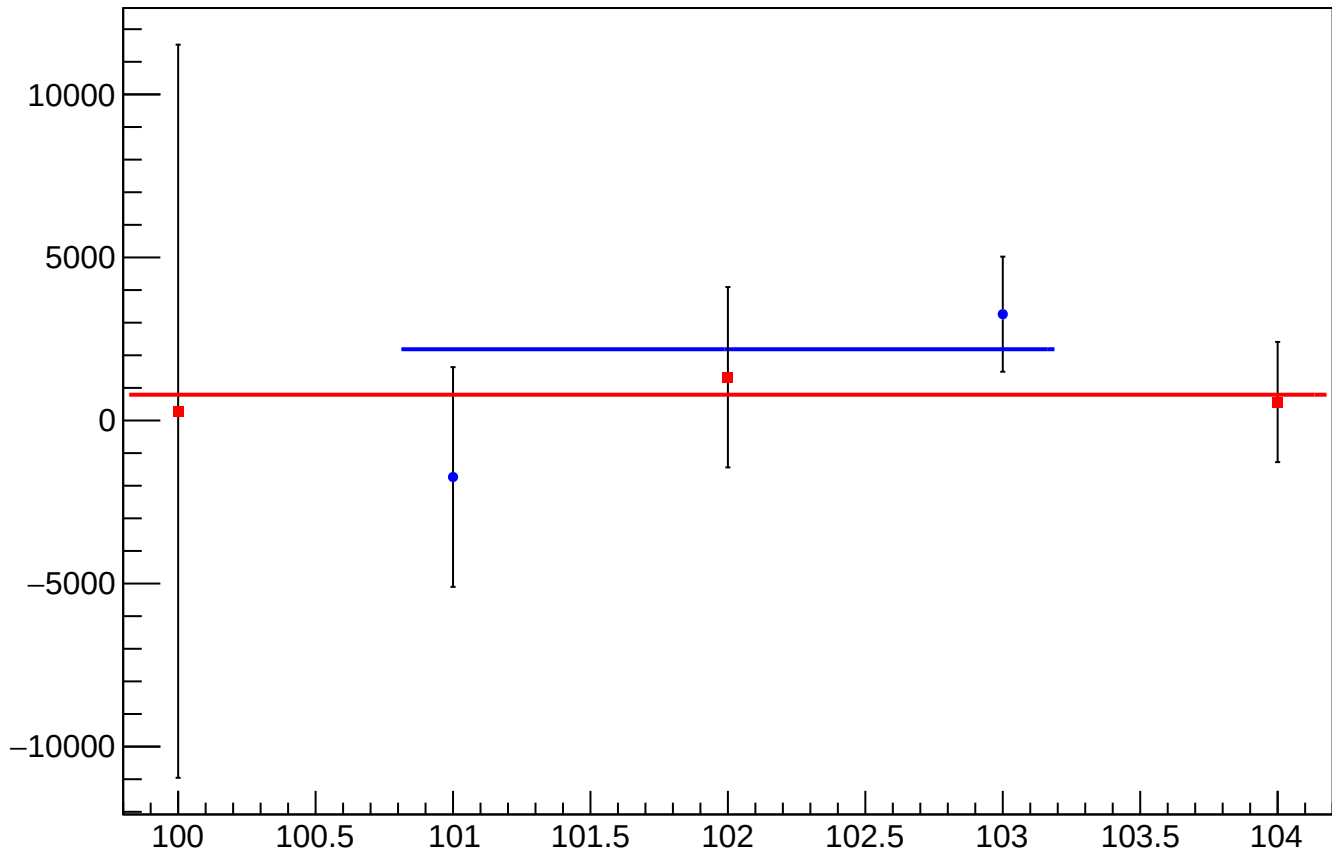
Right: 0.000+/-0.000 χ^2/NDF : 278831.1/4

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 : 278831.1/4

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: 791.102+/-1519.404 χ^2/NDF : 0.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

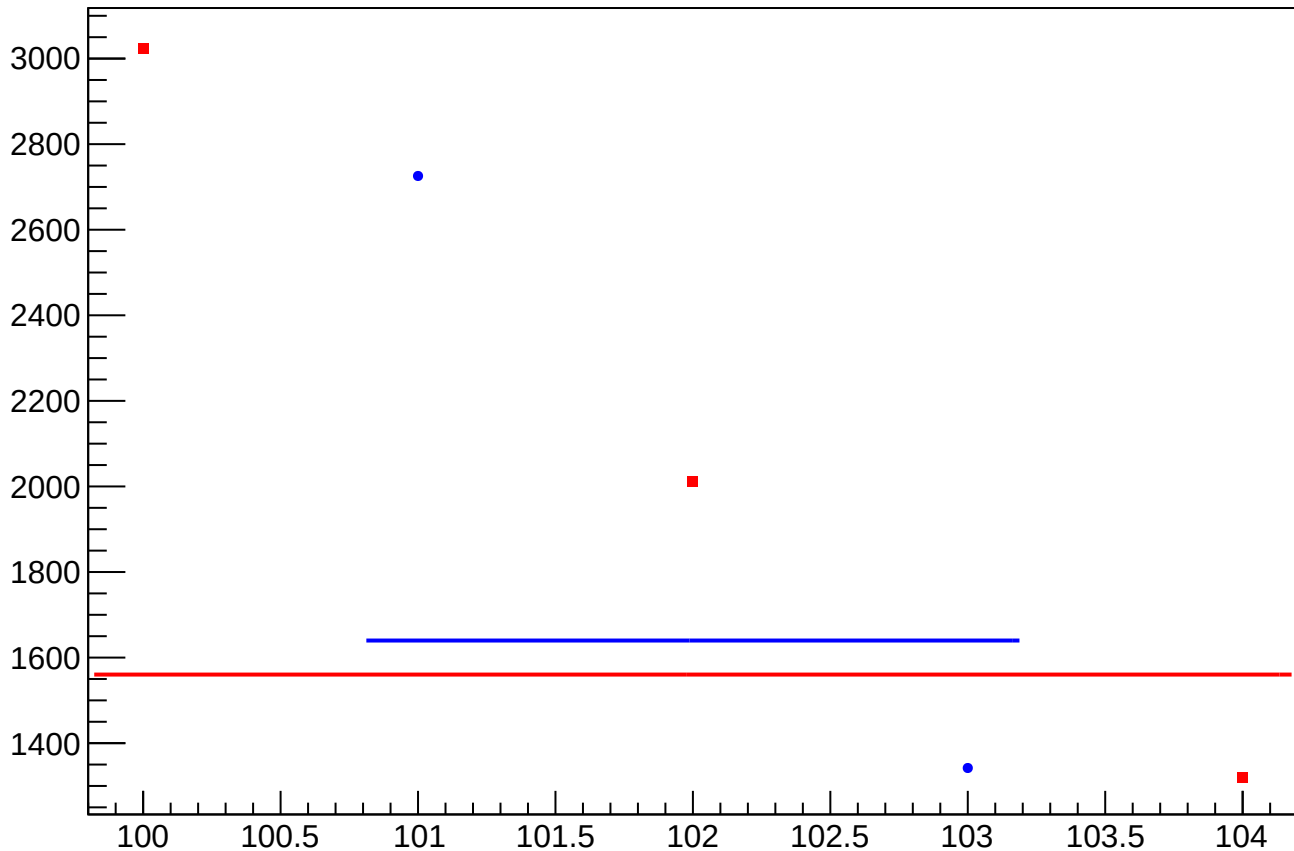
Right: 1468.373+/-1089.556 χ^2/NDF : 2.2/4

In: 2185.309+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.373+/-1089.556 χ^2/NDF : 2.2/4

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: 1560.318+/-1.074 χ^2/NDF : 121228.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

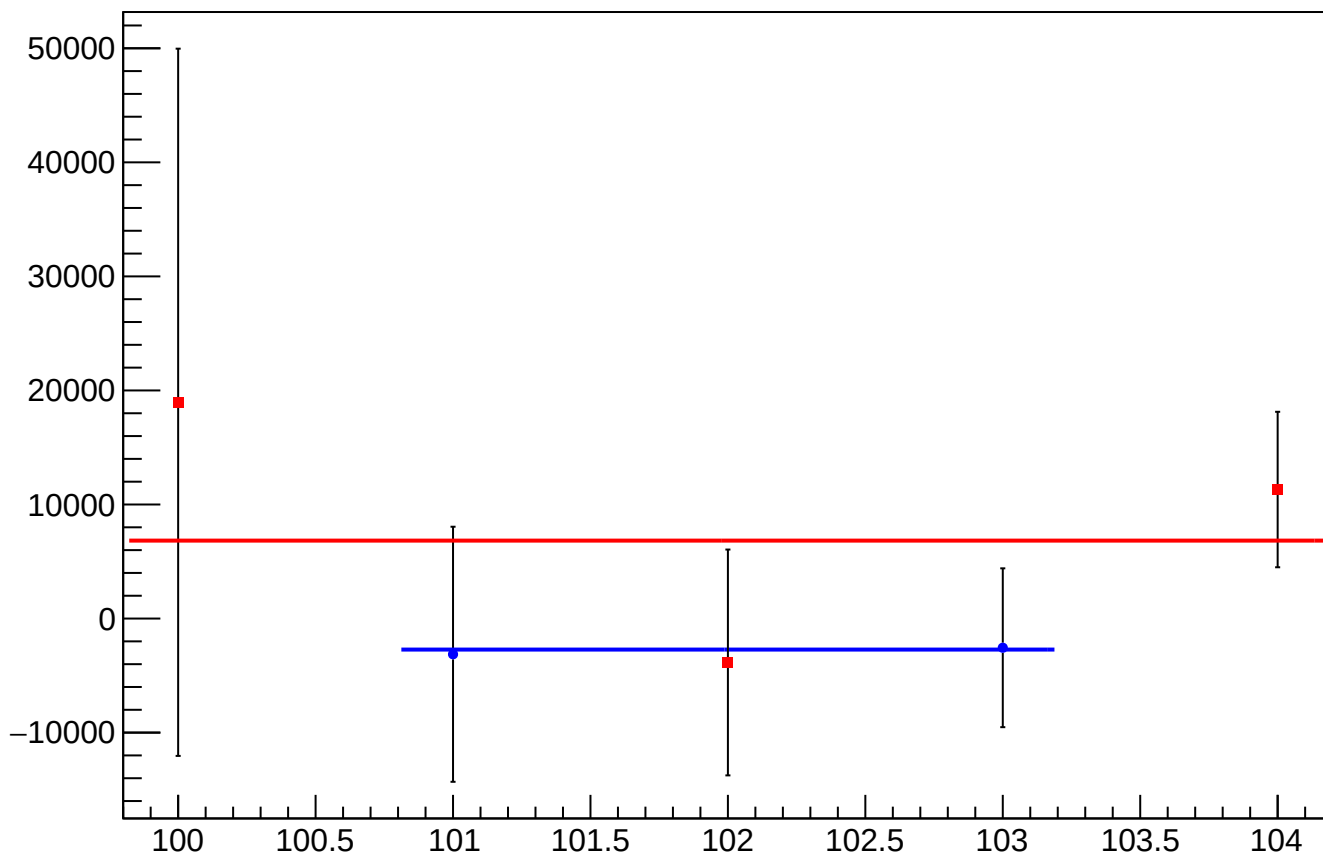
Right: 1598.963+/-0.770 χ^2/NDF : 388613.7/4

In: 1639.871+/-1.105 χ^2/NDF : 264722.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.963+/-0.770 χ^2/NDF : 388613.7/4

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: 6833.989+/-5524.296 χ^2/NDF : 1.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

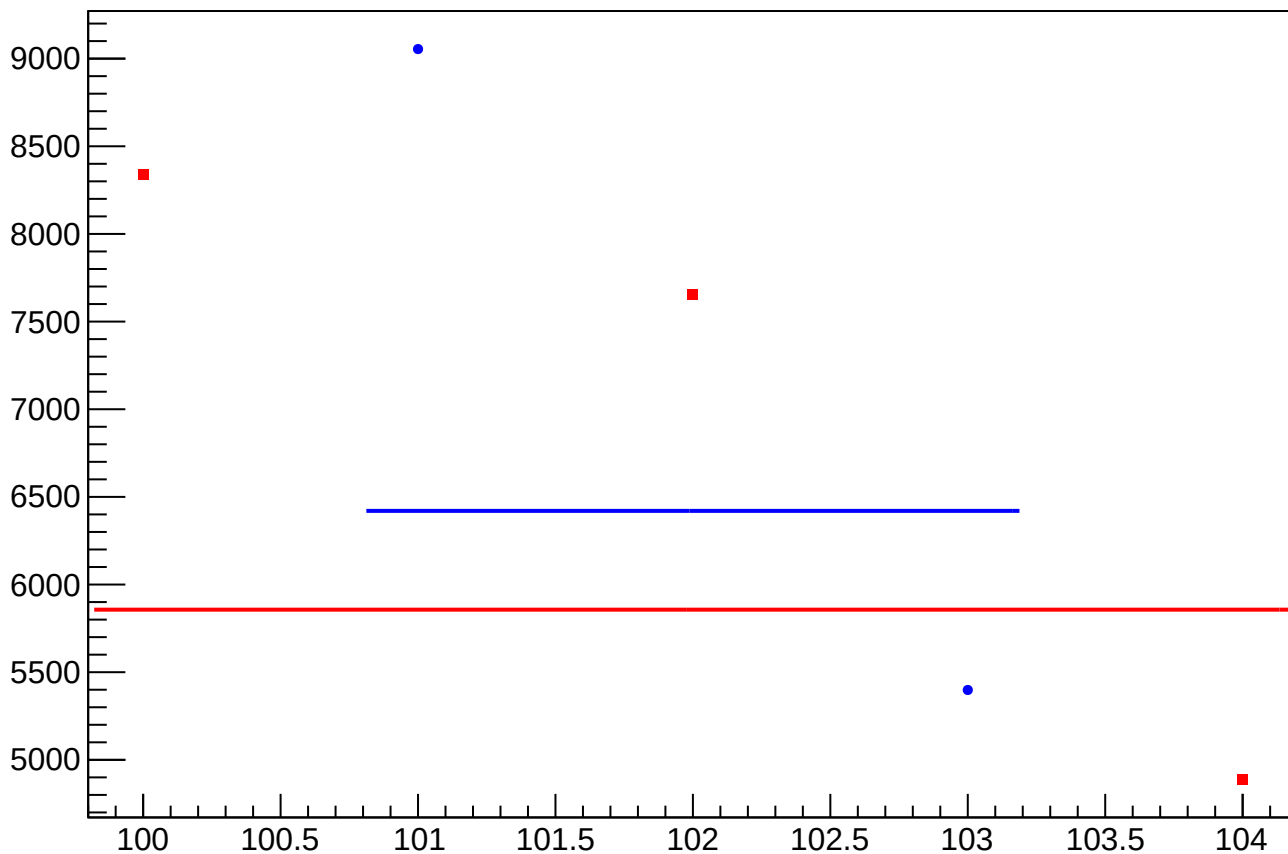
Right: 2379.750+/-4036.058 χ^2/NDF : 3.1/4

In: -2719.921+/-5911.004 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2379.750+/-4036.058 χ^2/NDF : 3.1/4

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: 5856.733+/-3.906 χ^2/NDF : 119292.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

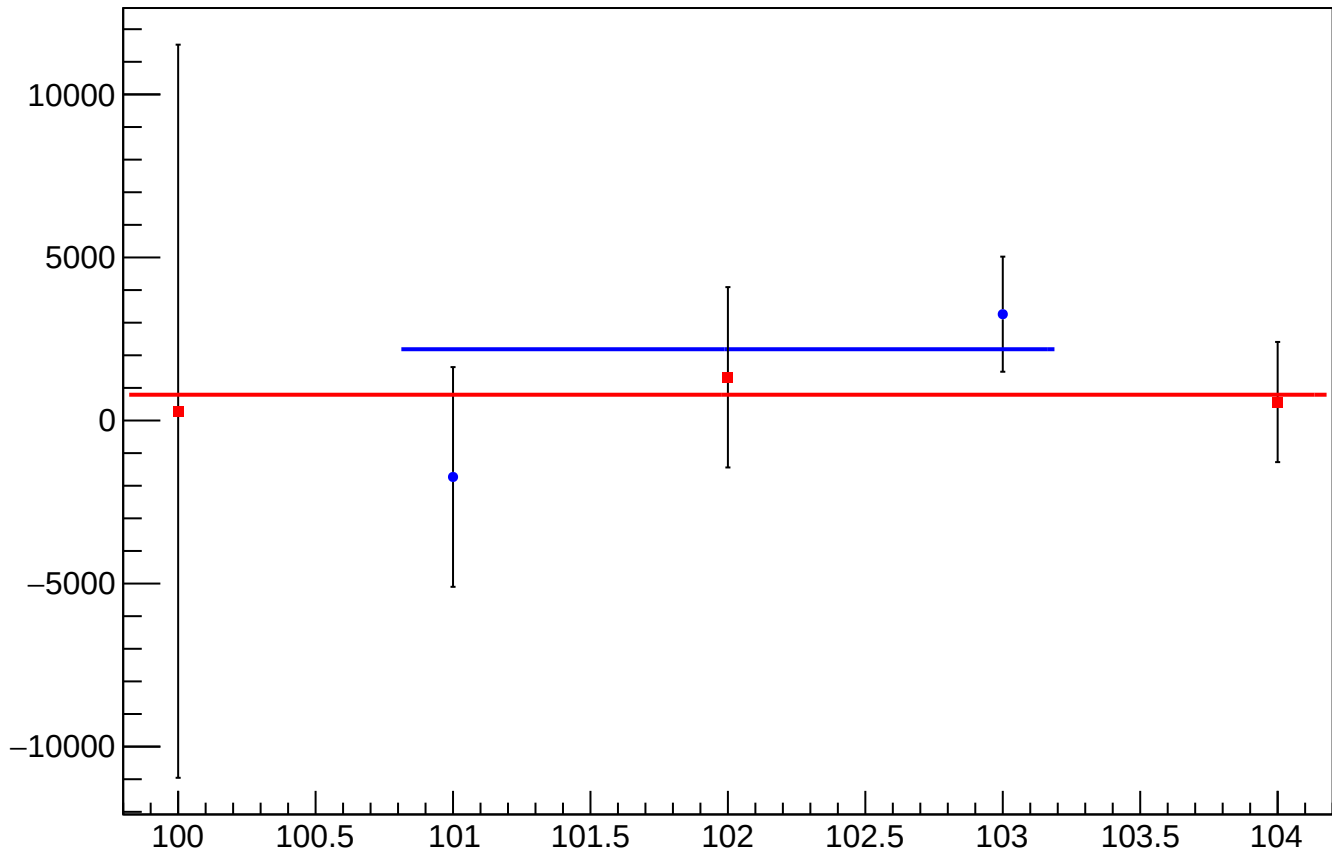
Right: 6119.454+/-2.854 χ^2/NDF : 283045.4/4

In: 6420.244+/-4.180 χ^2/NDF : 154050.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6119.454+/-2.854 χ^2/NDF : 283045.4/4

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: 790.777+/-1519.404 χ^2/NDF : 0.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

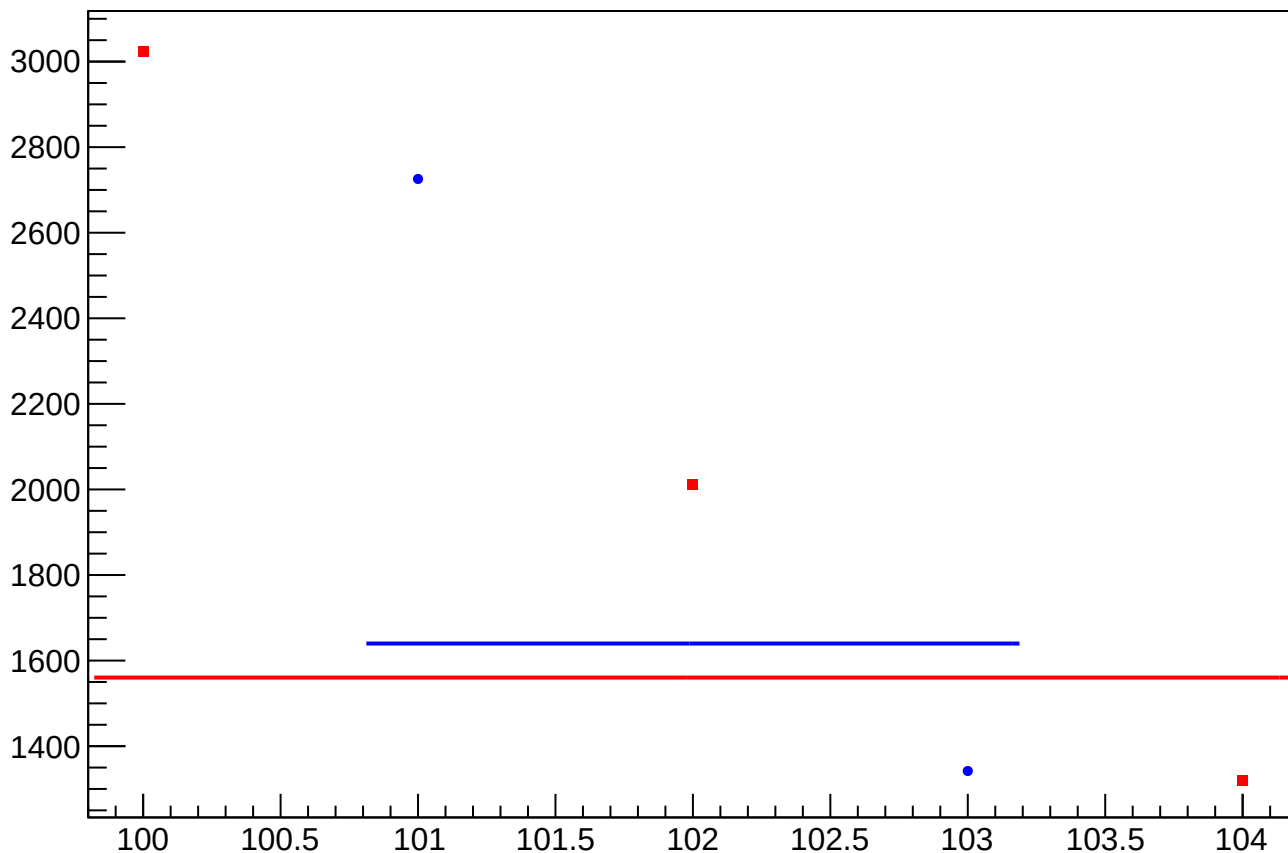
Right: 1468.447+/-1089.557 χ^2/NDF : 2.2/4

In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.447+/-1089.557 χ^2/NDF : 2.2/4

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: 1560.317+/-1.074 χ^2/NDF : 121227.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

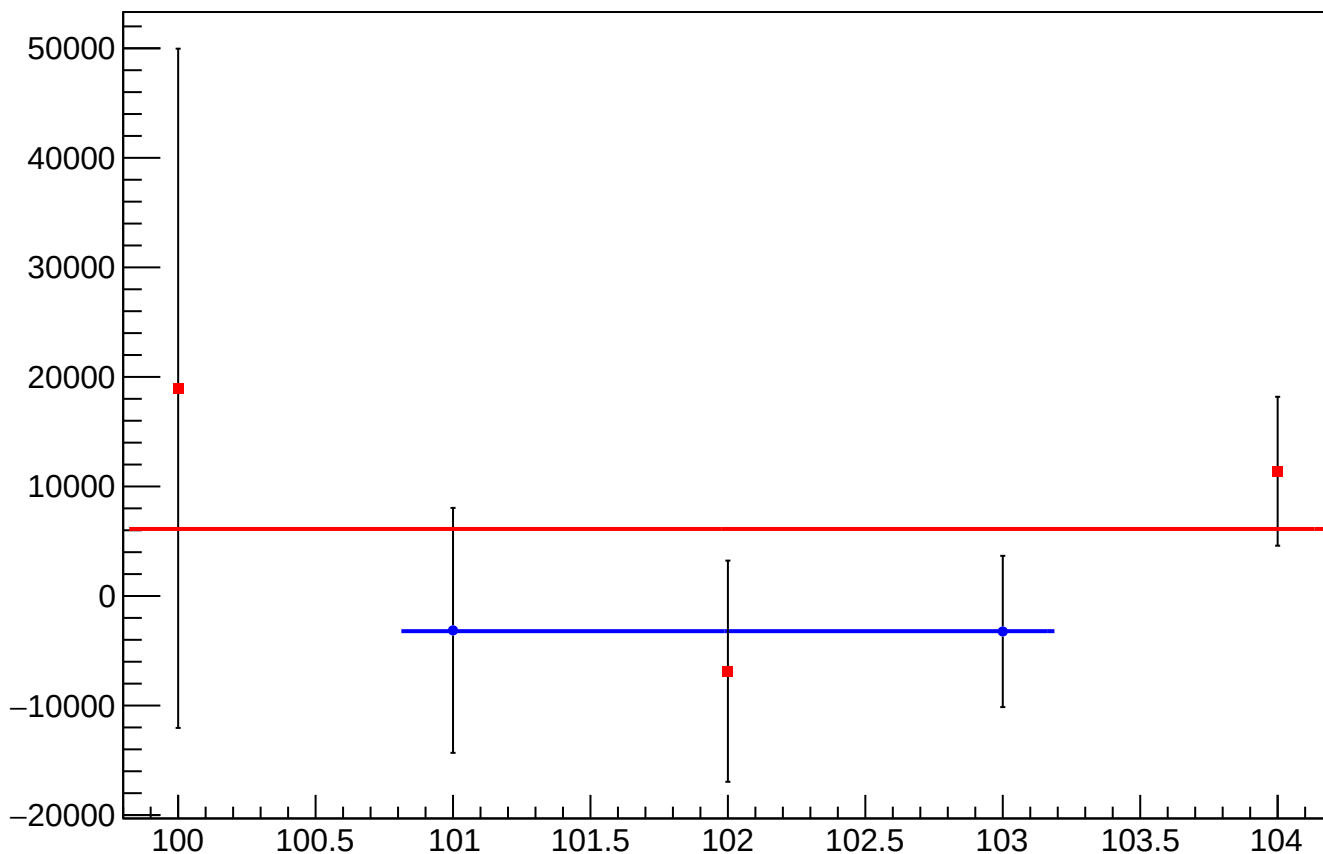
Right: 1598.962+/-0.770 χ^2/NDF : 388613.5/4

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.962+/-0.770 χ^2/NDF : 388613.5/4

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: 6120.322+/-5547.056 χ^2/NDF : 2.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

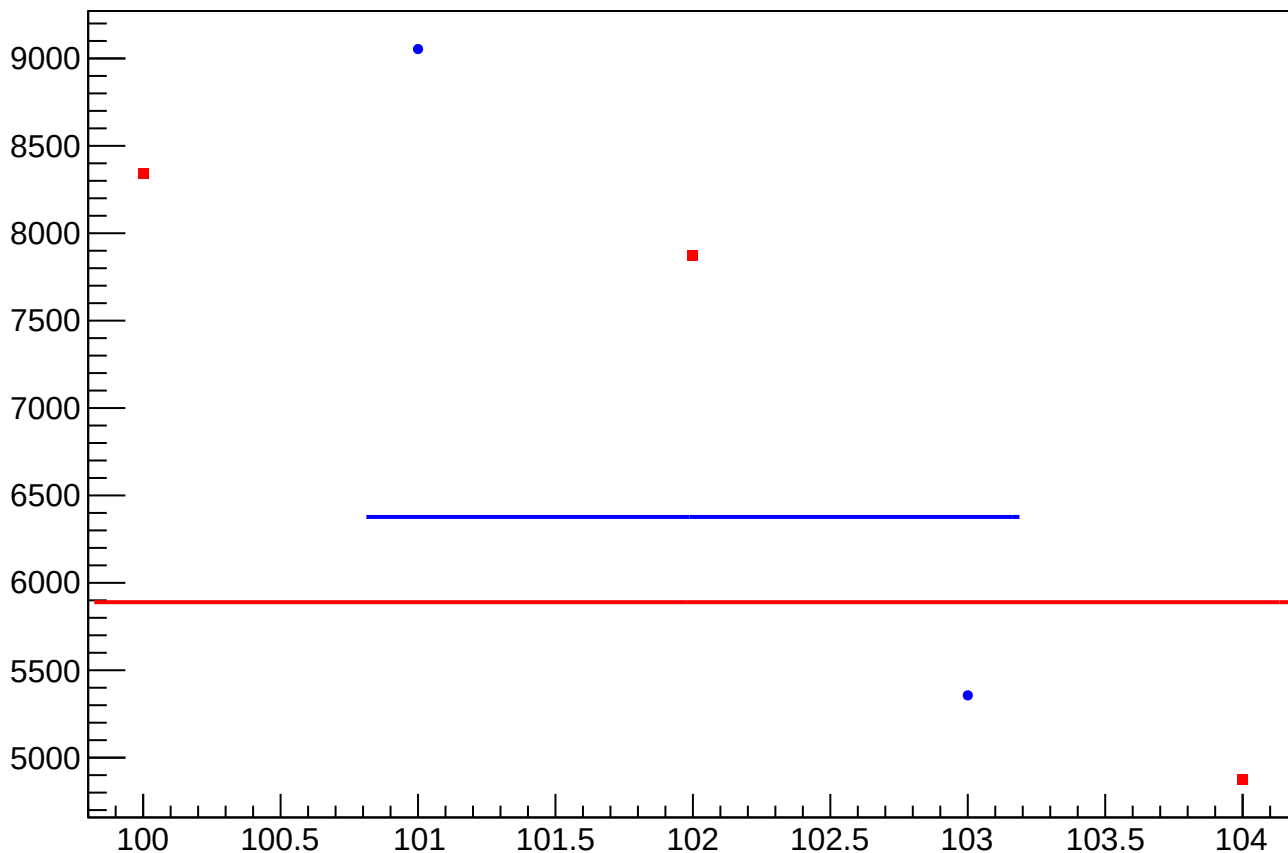
Right: 1722.358+/-4033.201 χ^2/NDF : 3.8/4

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.358+/-4033.201 χ^2/NDF : 3.8/4

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: 5889.393+/-3.922 χ^2/NDF : 134521.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

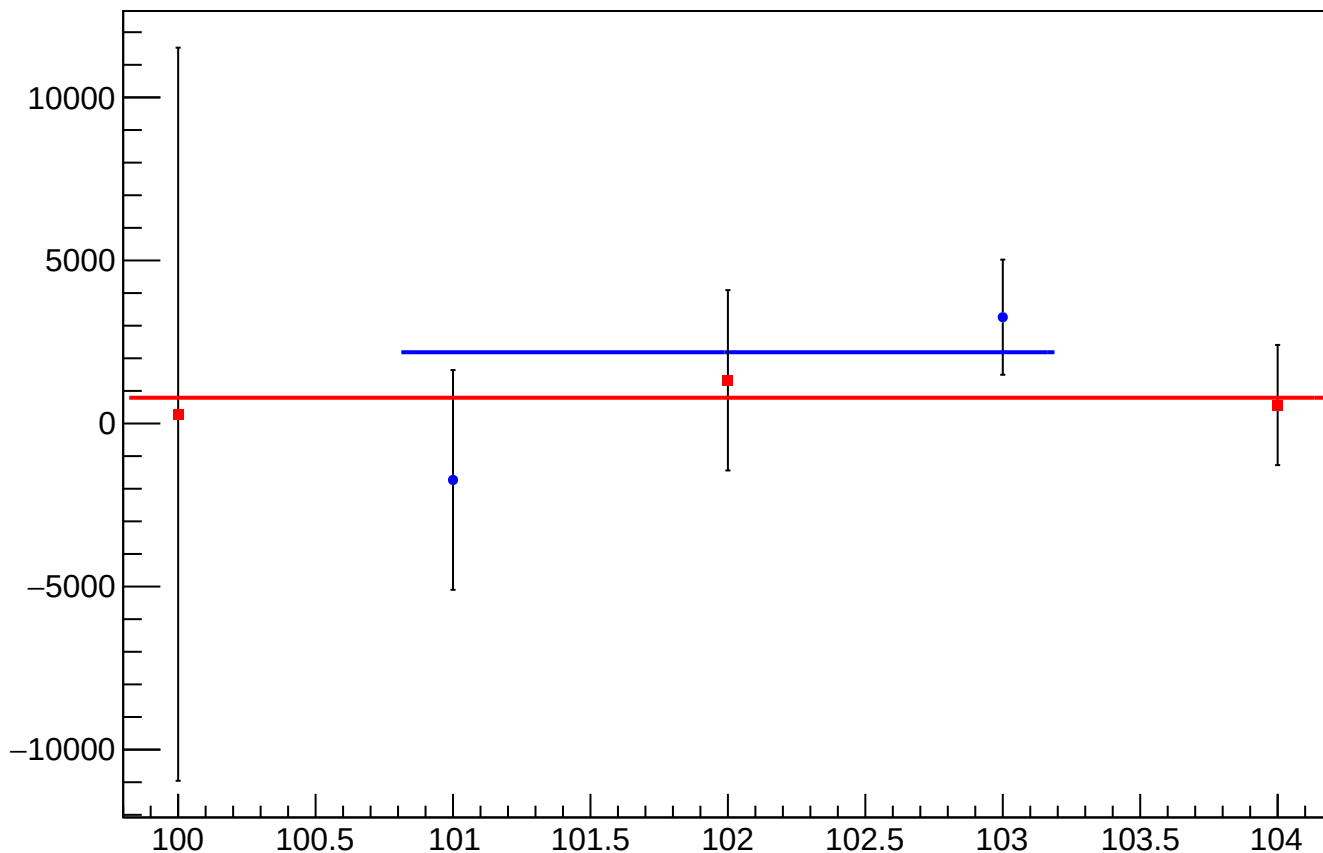
Right: 6119.229+/-2.852 χ^2/NDF : 300140.6/4

In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6119.229+/-2.852 χ^2/NDF : 300140.6/4

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: 790.777+/-1519.404 χ^2/NDF : 0.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

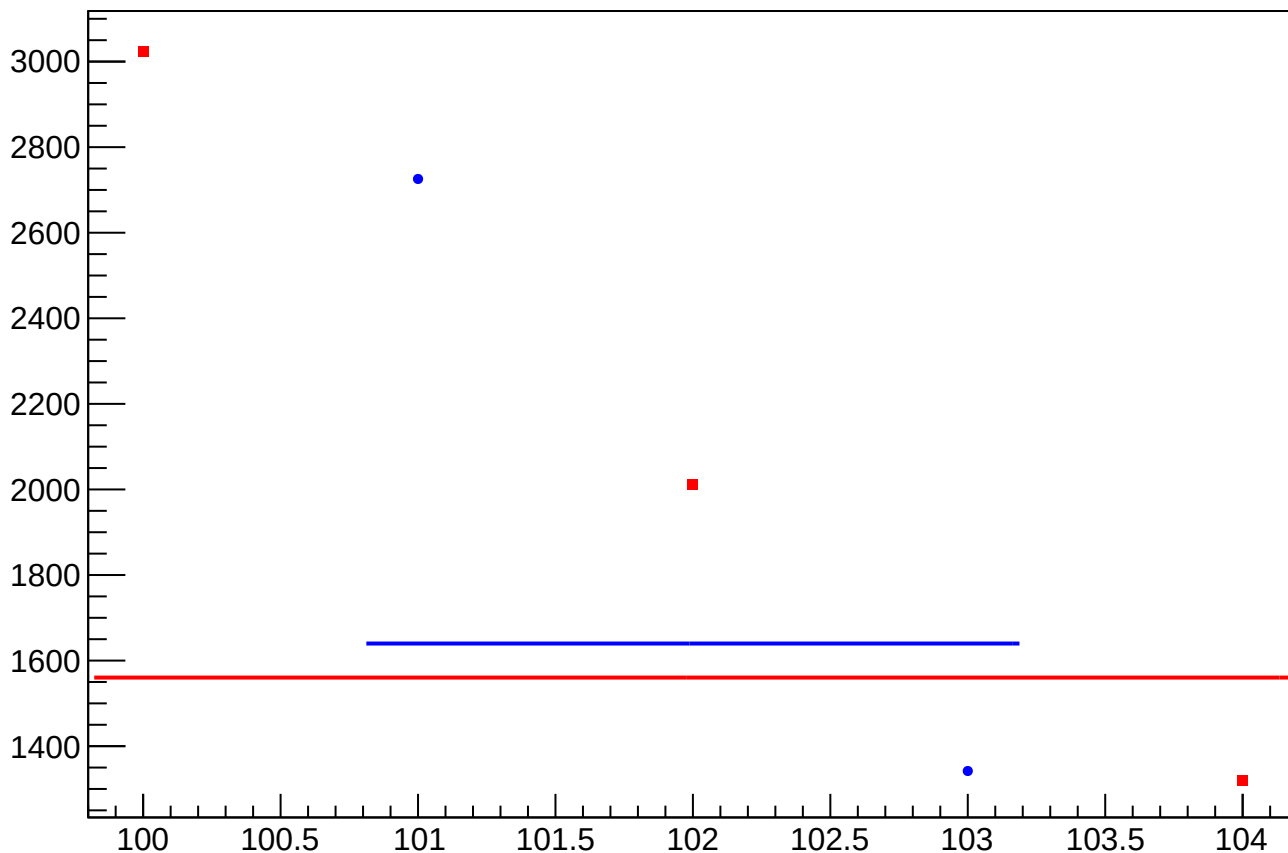
Right: 1468.447+/-1089.557 χ^2/NDF : 2.2/4

In: 2185.804+/-1563.263 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.447+/-1089.557 χ^2/NDF : 2.2/4

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: 1560.317+/-1.074 χ^2/NDF : 121227.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

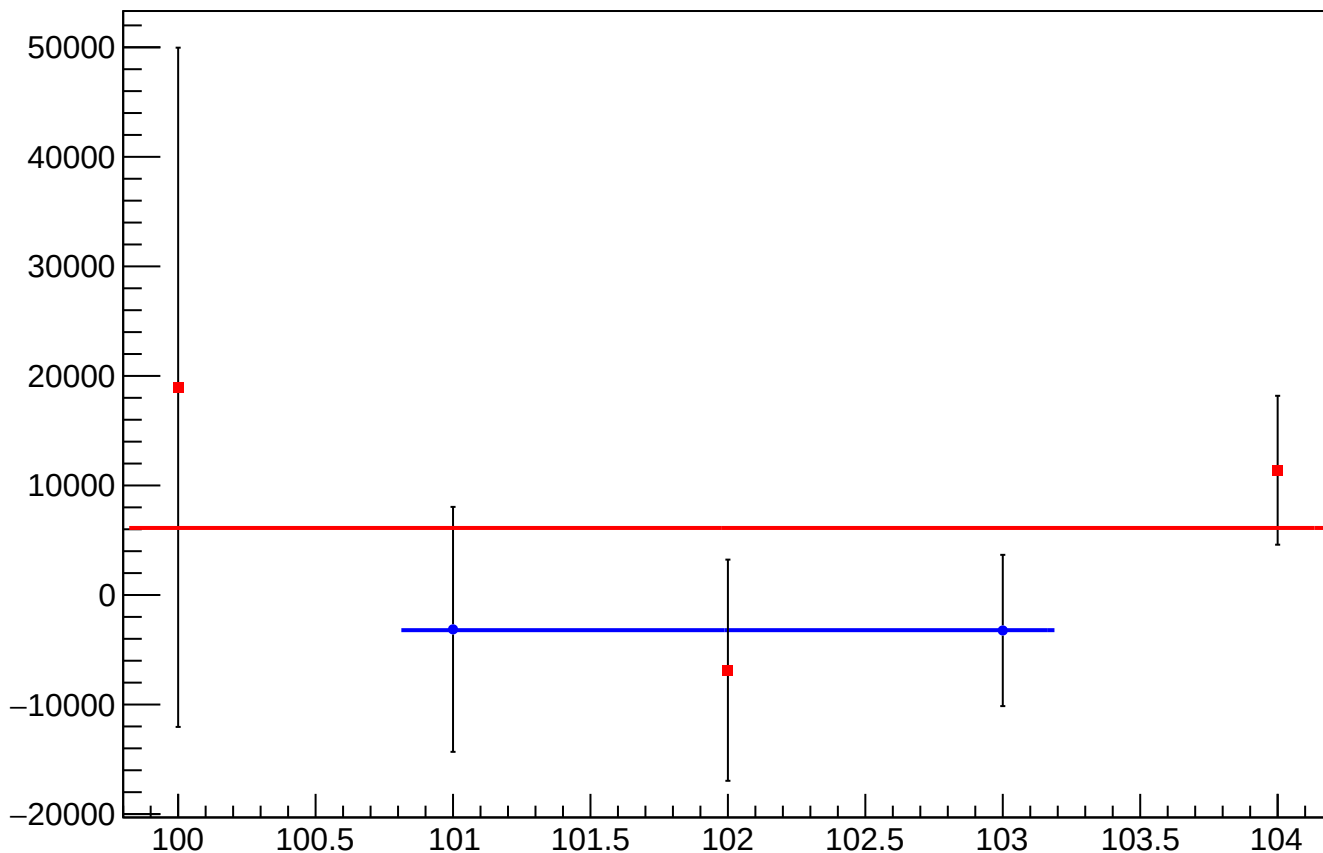
Right: 1598.962+/-0.770 χ^2/NDF : 388613.5/4

In: 1639.870+/-1.105 χ^2/NDF : 264722.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1598.962+/-0.770 χ^2/NDF : 388613.5/4

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: 6120.322+/-5547.056 χ^2/NDF : 2.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

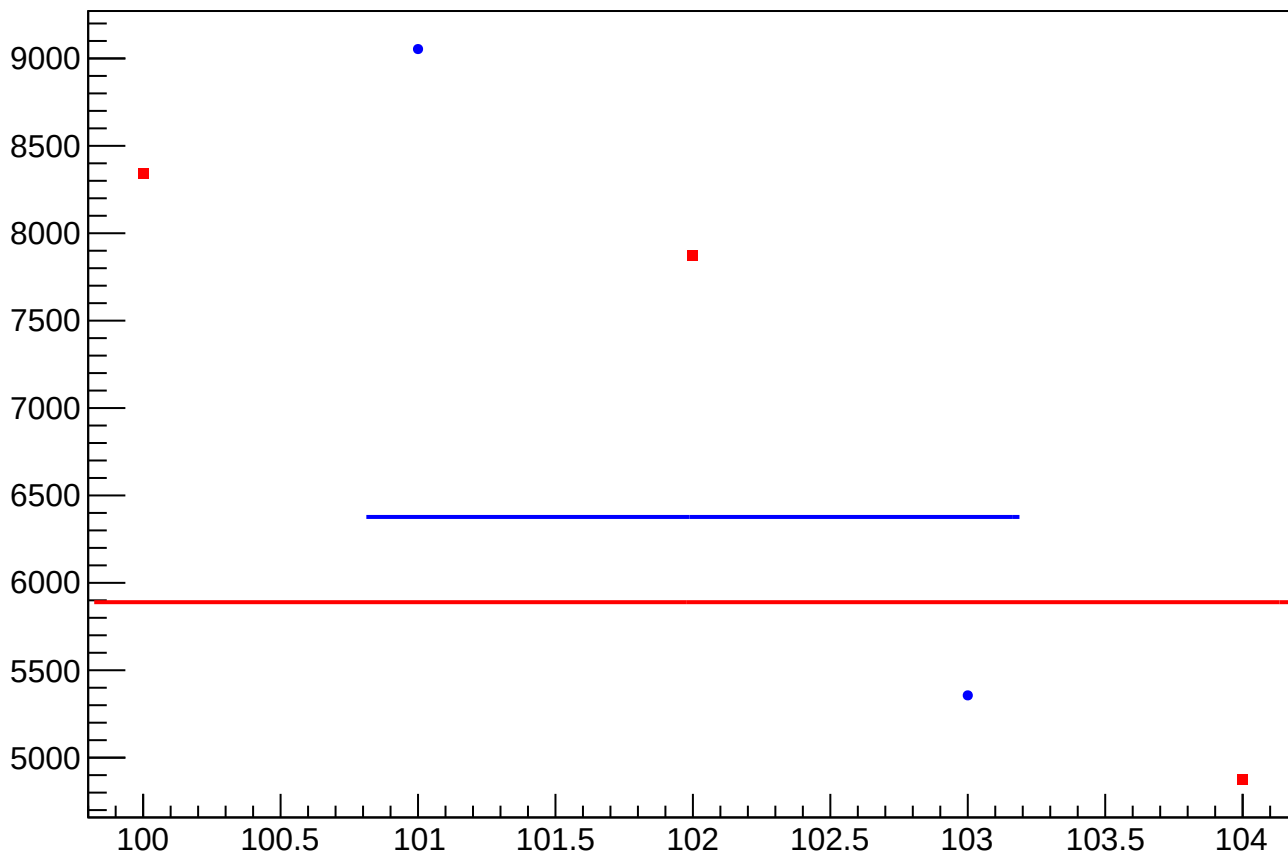
Right: 1722.358+/-4033.201 χ^2/NDF : 3.8/4

In: -3210.401+/-5874.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1722.358+/-4033.201 χ^2/NDF : 3.8/4

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: 5889.393+/-3.922 χ^2/NDF : 134521.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

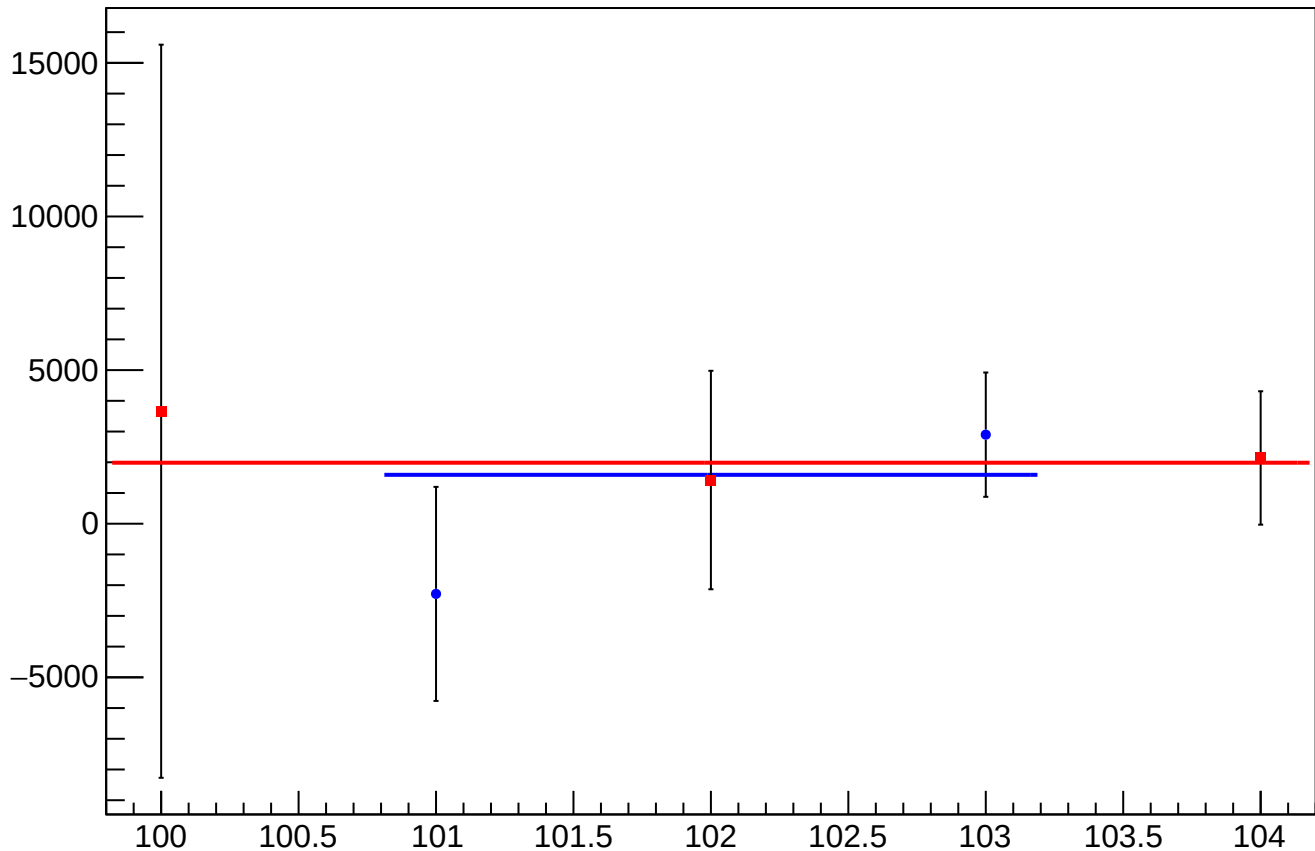
Right: 6119.229+/-2.852 χ^2/NDF : 300140.6/4

In: 6377.013+/-4.154 χ^2/NDF : 158334.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6119.229+/-2.852 χ^2/NDF : 300140.6/4

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: 1985.455+/-1831.072 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

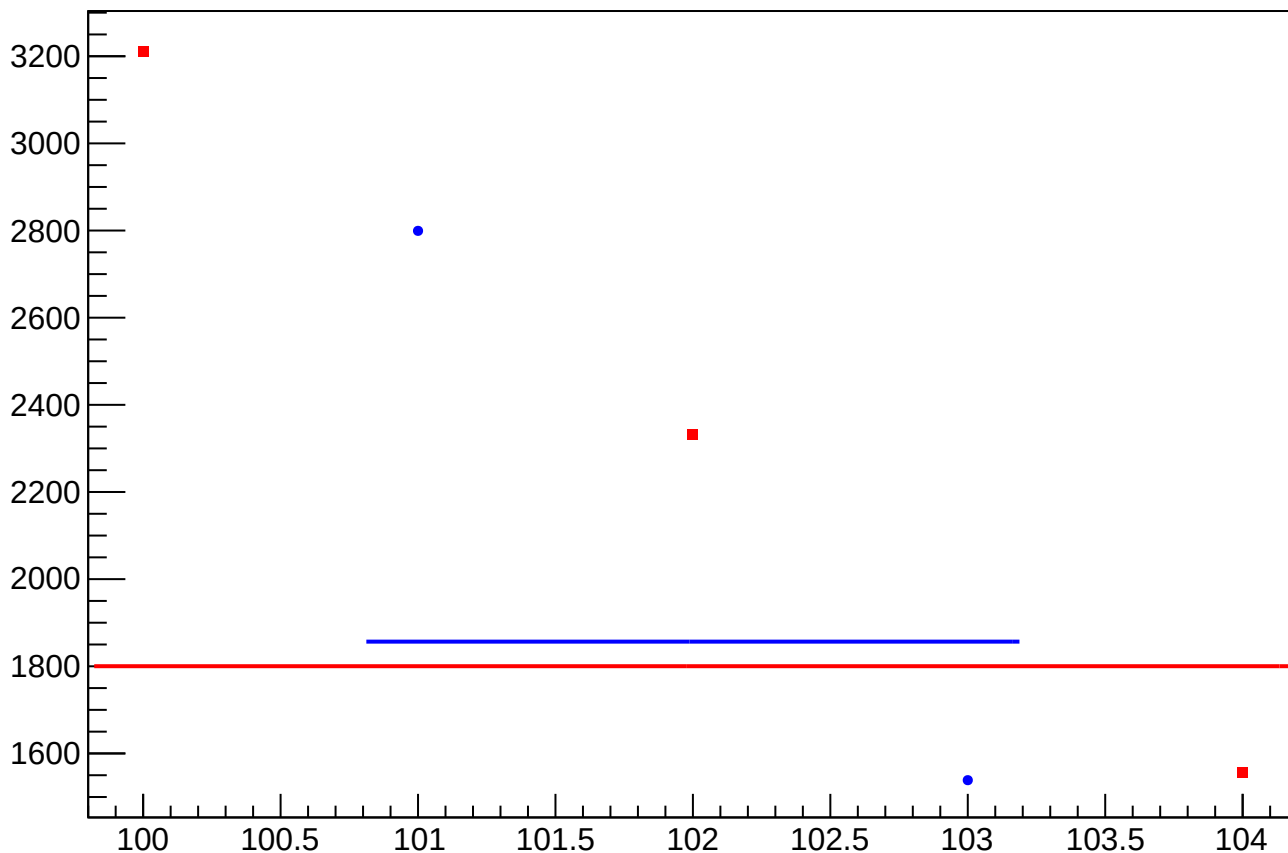
Right: 1779.438+/-1264.922 χ^2/NDF : 1.7/4

In: 1591.376+/-1749.458 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.438+/-1264.922 χ^2/NDF : 1.7/4

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: 1800.193+/-1.295 χ^2/NDF : 98043.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

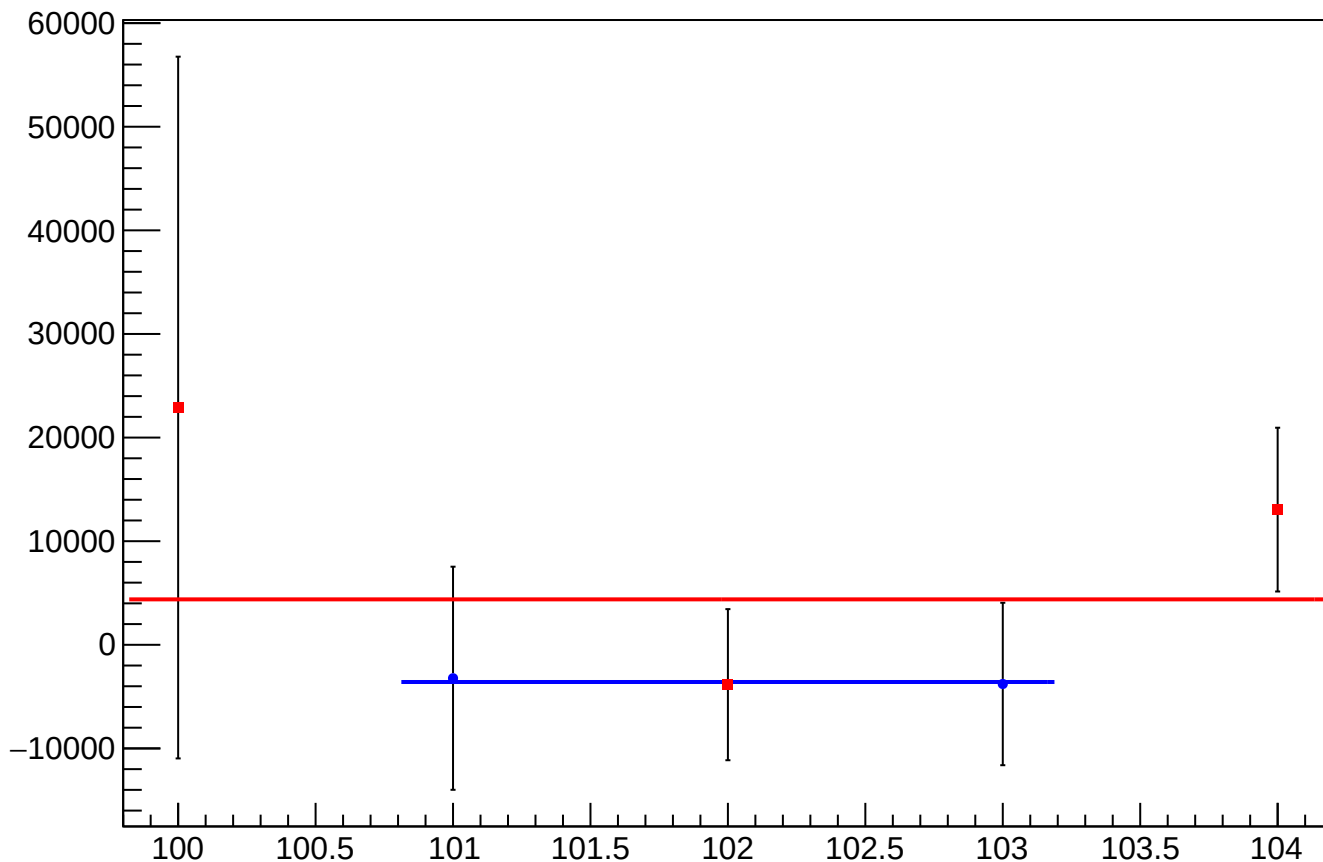
Right: 1829.675+/-0.894 χ^2/NDF : 294896.2/4

In: 1856.587+/-1.237 χ^2/NDF : 195861.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.675+/-0.894 χ^2/NDF : 294896.2/4

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: 4385.300+/-5293.201 χ^2/NDF : 2.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

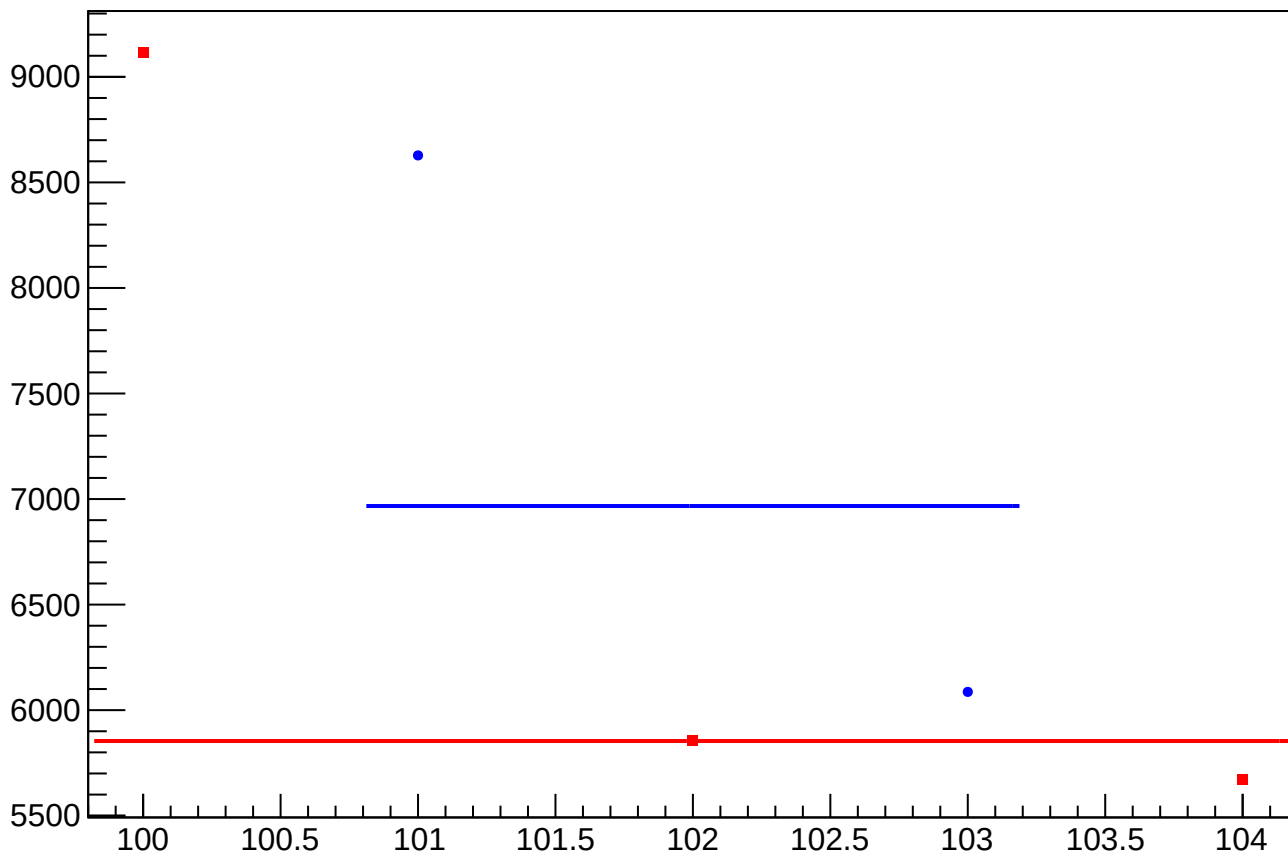
Right: 1108.126+/-4062.479 χ^2/NDF : 3.7/4

In: -3589.158+/-6337.121 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.126+/-4062.479 χ^2/NDF : 3.7/4

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: 5853.784+/-3.743 χ^2/NDF : 19613.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

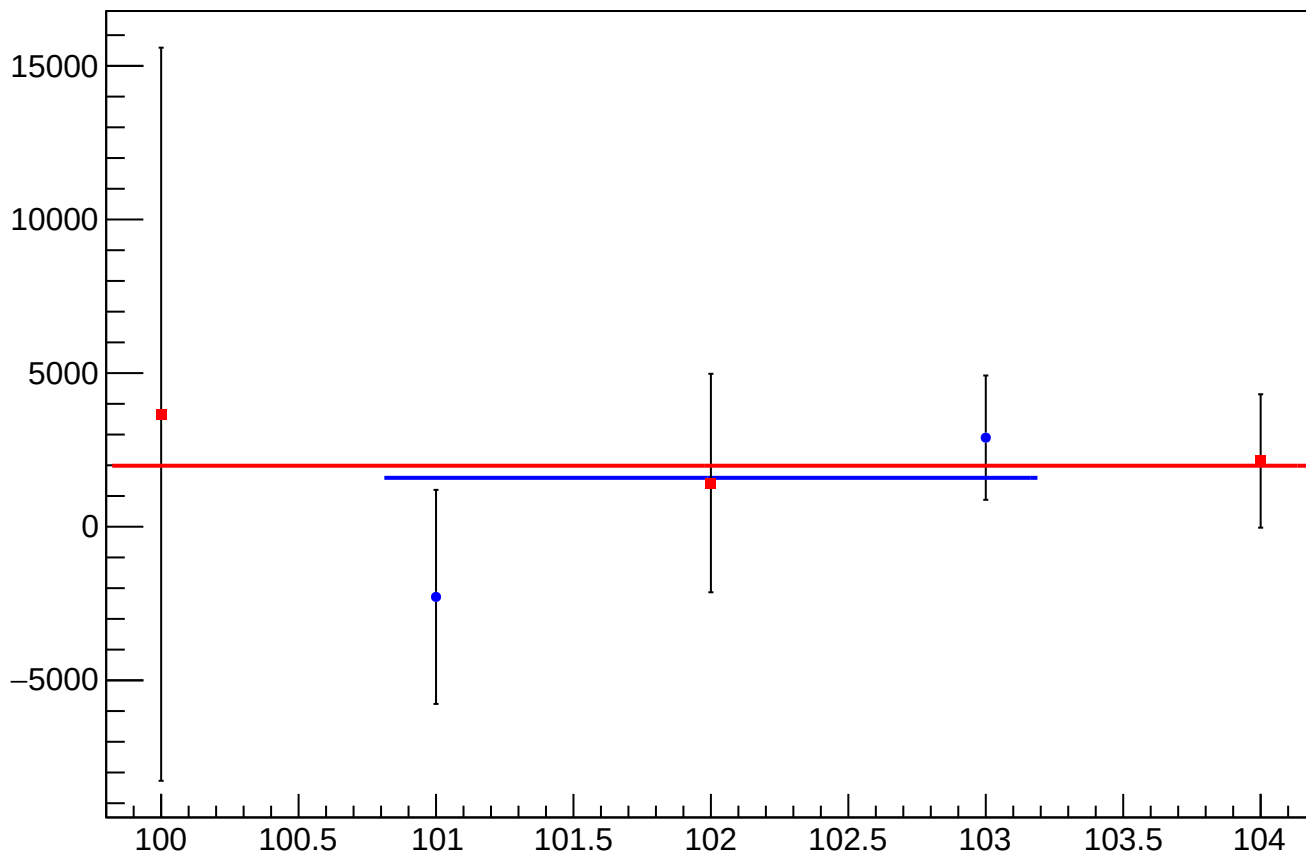
Right: 6311.278+/-2.873 χ^2/NDF : 128803.0/4

In: 6967.019+/-4.481 χ^2/NDF : 72834.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6311.278+/-2.873 χ^2/NDF : 128803.0/4

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 1591.368+/-1749.458 χ^2/NDF : 1.7/1

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

Right Out: 1985.461+/-1831.072 χ^2/NDF : 0.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

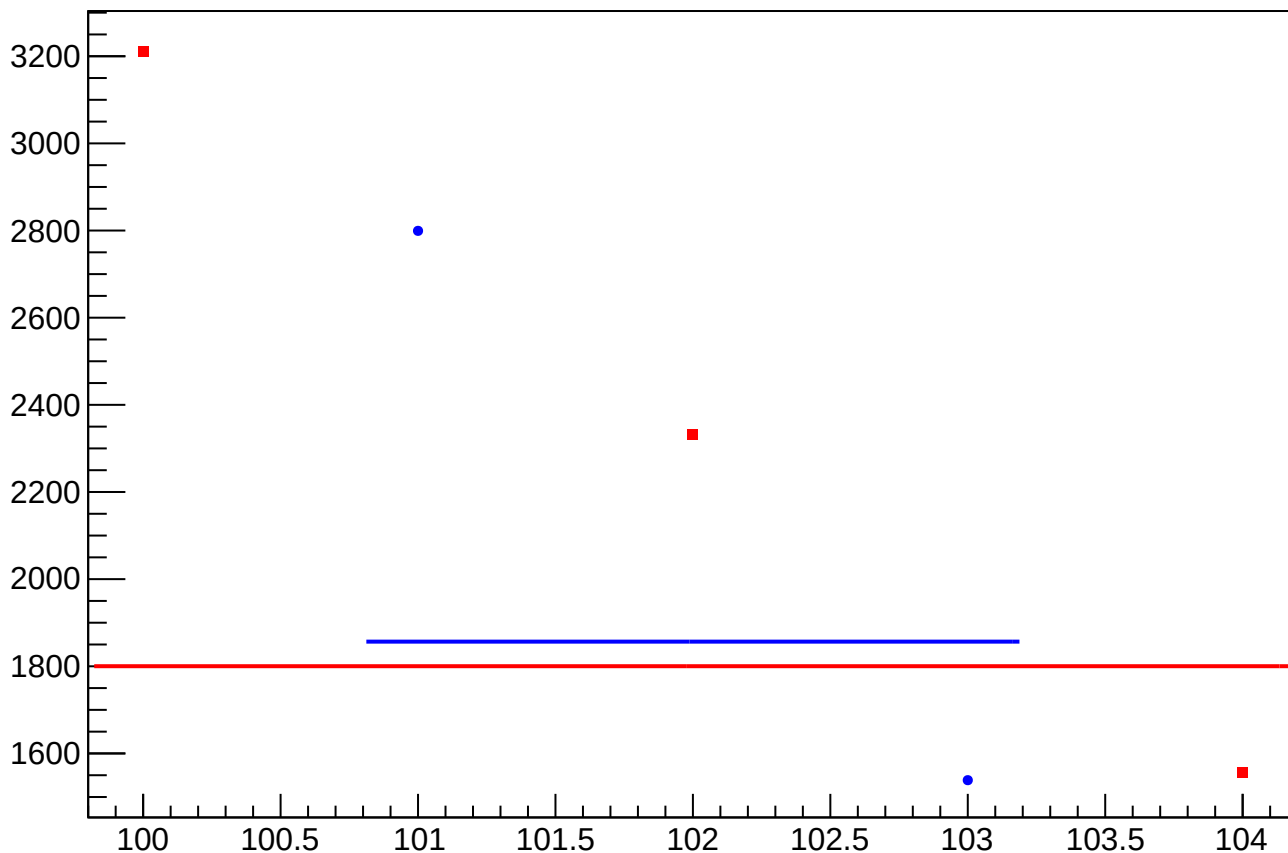
Right: 1779.436+/-1264.922 χ^2/NDF : 1.7/4

In: 1591.368+/-1749.458 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1779.436+/-1264.922 χ^2/NDF : 1.7/4

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: 1800.193+/-1.295 χ^2/NDF : 98043.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

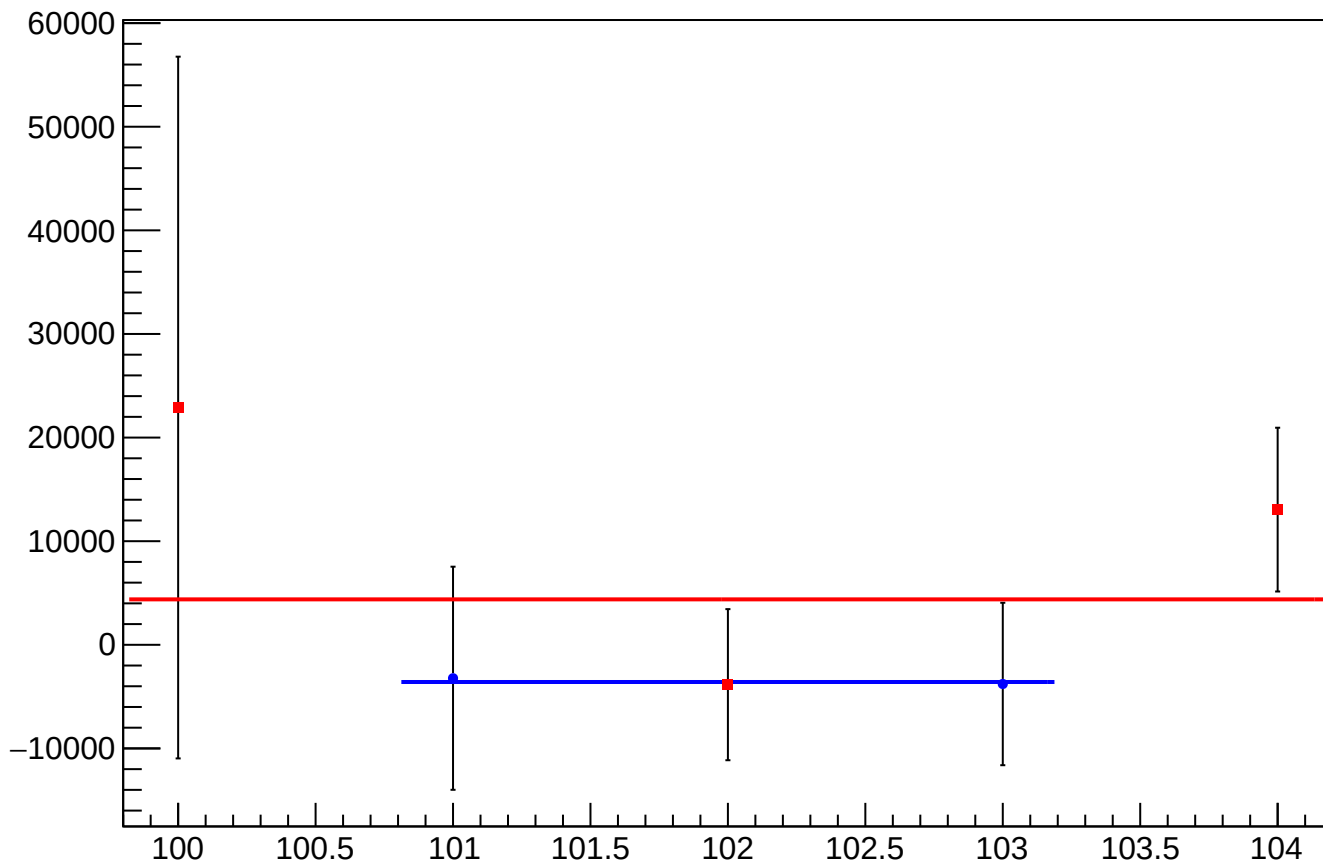
Right: 1829.675+/-0.894 χ^2/NDF : 294896.1/4

In: 1856.587+/-1.237 χ^2/NDF : 195861.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.675+/-0.894 χ^2/NDF : 294896.1/4

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: 4385.300+/-5293.199 χ^2/NDF : 2.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

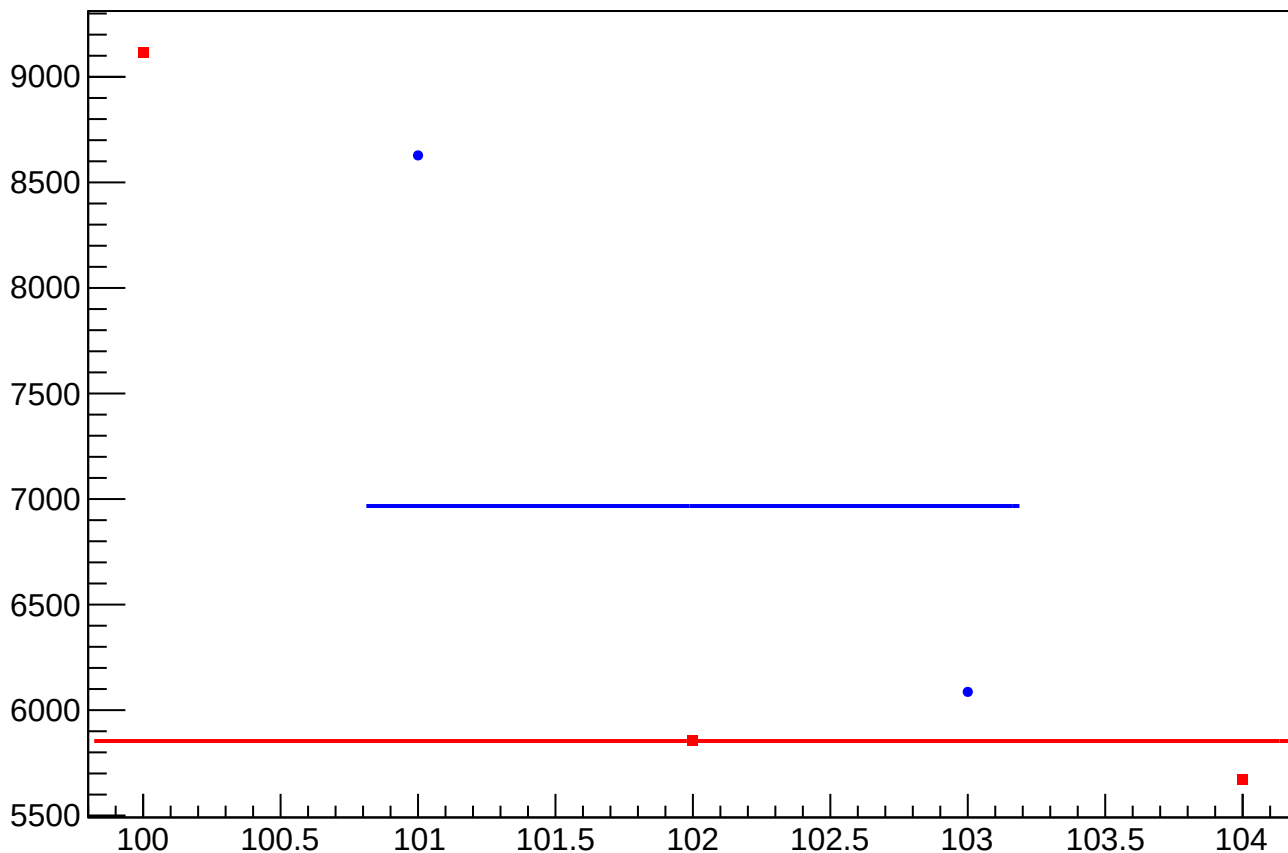
Right: 1108.121+/-4062.478 χ^2/NDF : 3.7/4

In: -3589.167+/-6337.118 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1108.121+/-4062.478 χ^2/NDF : 3.7/4

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: 5853.783+/-3.743 χ^2/NDF : 19613.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

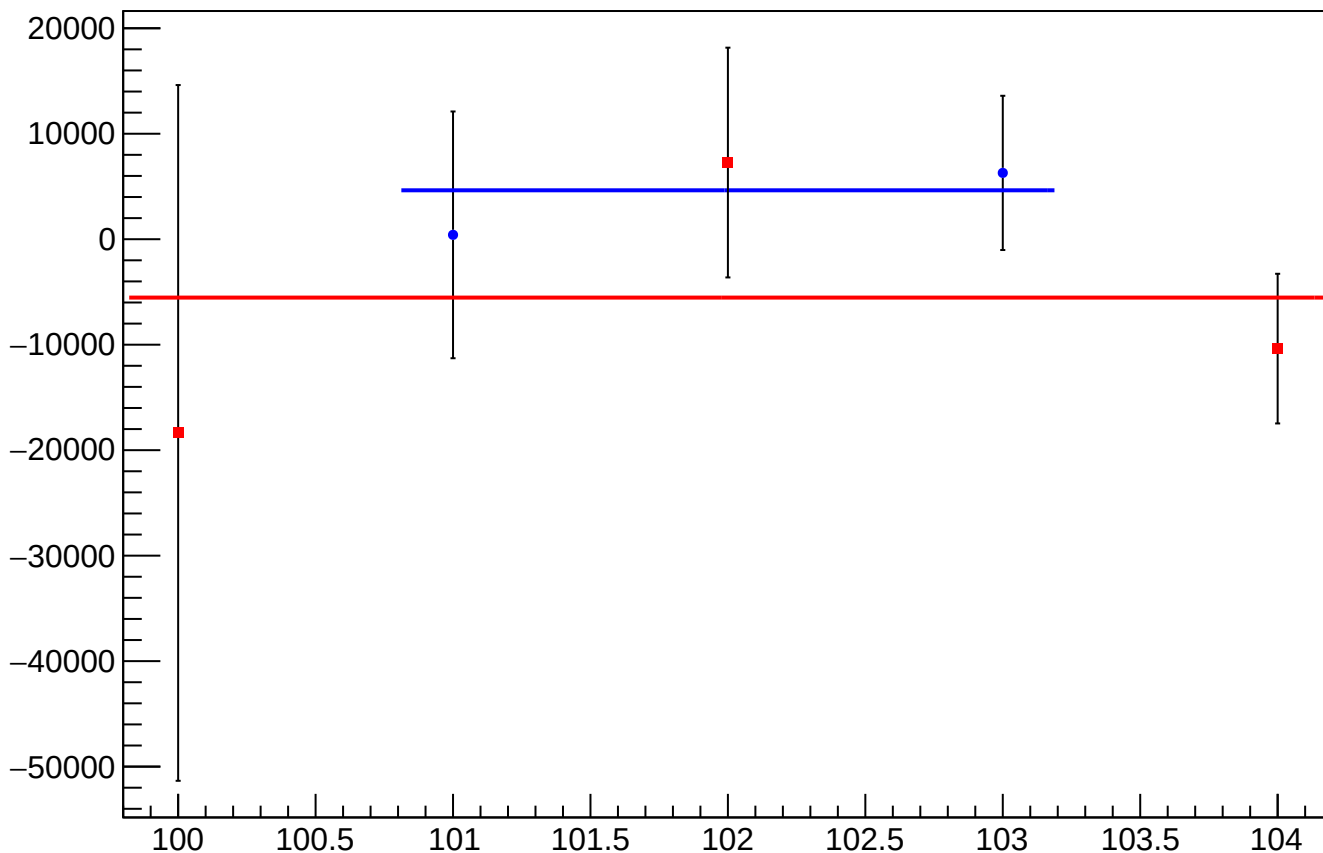
Right: 6311.276+/-2.873 χ^2/NDF : 128802.5/4

In: 6967.016+/-4.481 χ^2/NDF : 72833.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6311.276+/-2.873 χ^2/NDF : 128802.5/4

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: -5534.040+/-5850.084 χ^2/NDF : 2.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

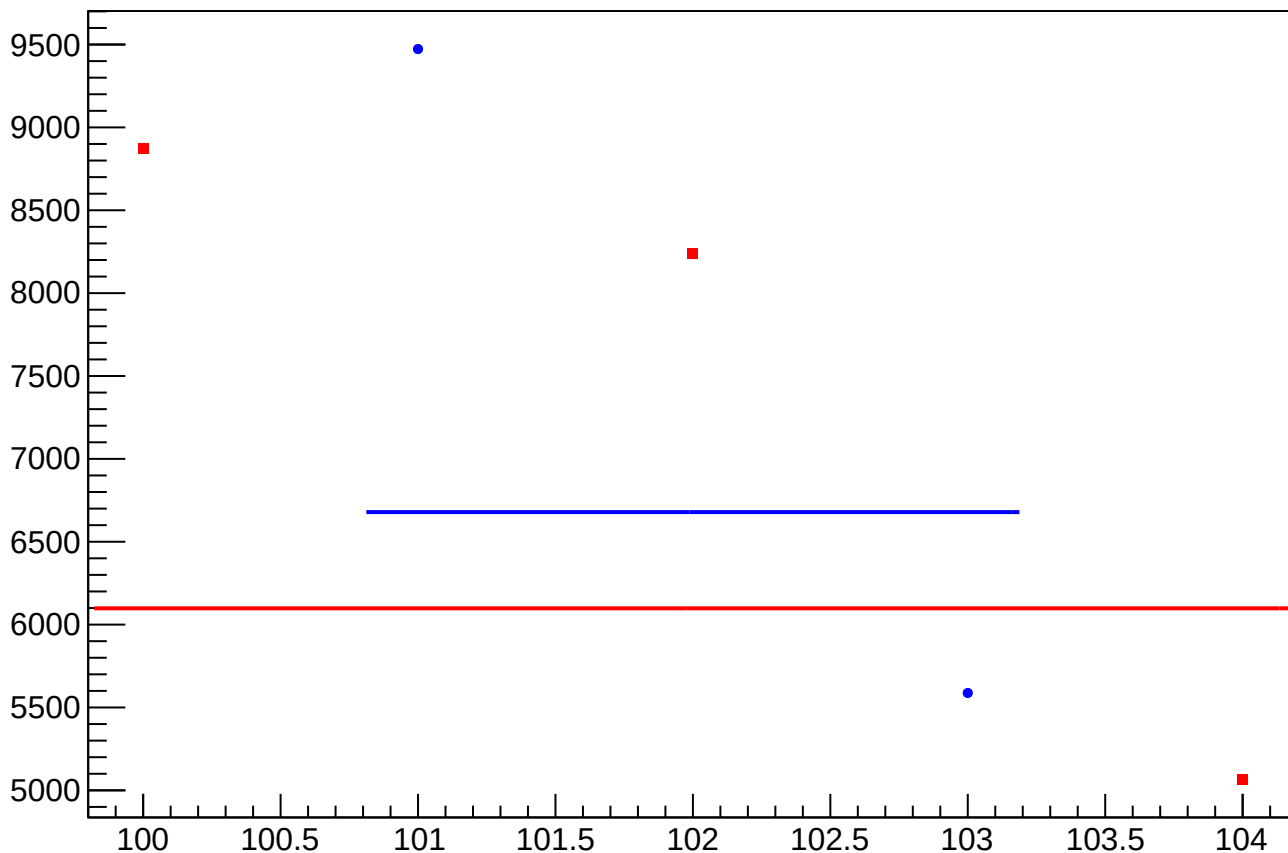
Right: -743.028+/-4254.773 χ^2/NDF : 3.6/4

In: 4637.248+/-6199.416 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.028+/-4254.773 χ^2/NDF : 3.6/4

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: 6098.303+/-4.137 χ^2/NDF : 133883.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

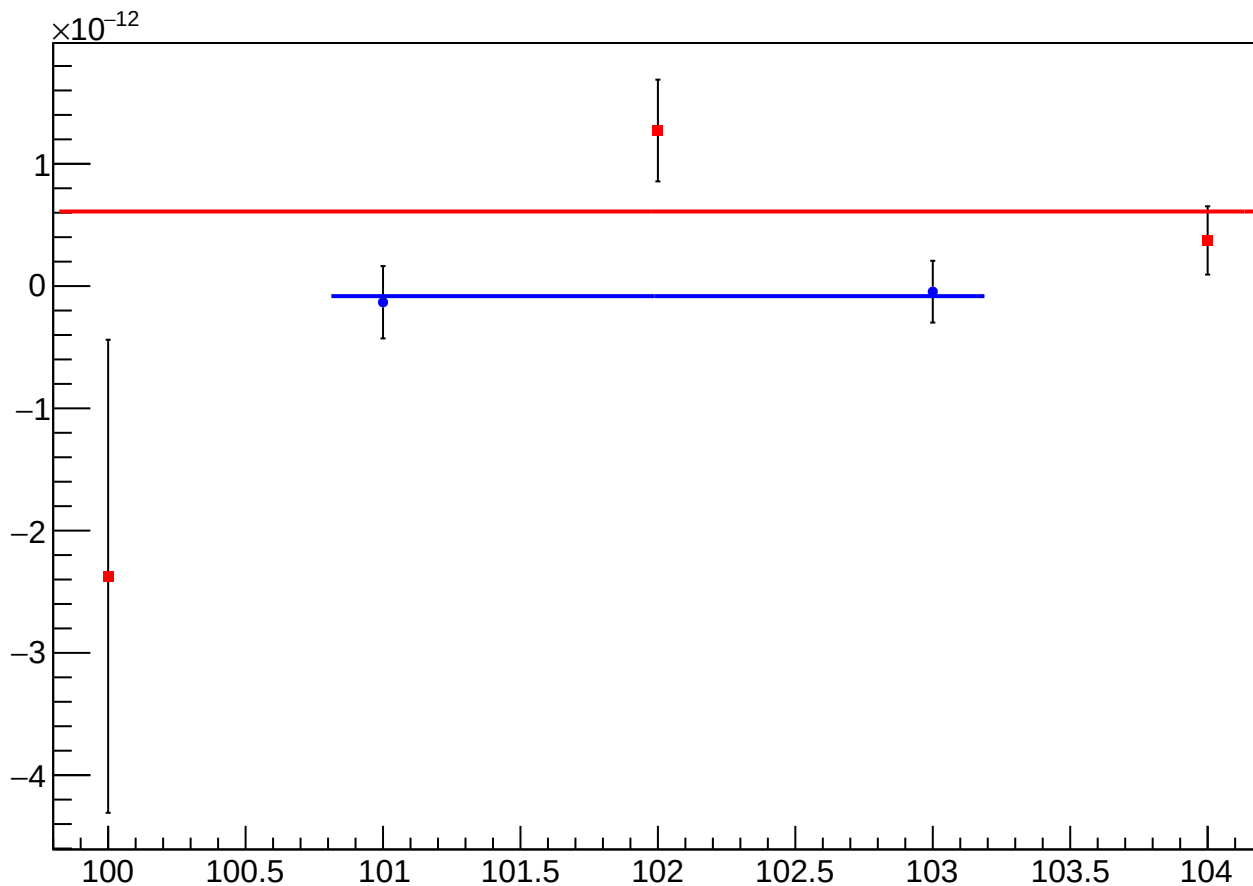
Right: 6371.768+/-3.008 χ^2/NDF : 301849.5/4

In: 6678.860+/-4.383 χ^2/NDF : 158687.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6371.768+/-3.008 χ^2/NDF : 301849.5/4

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 : 5.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

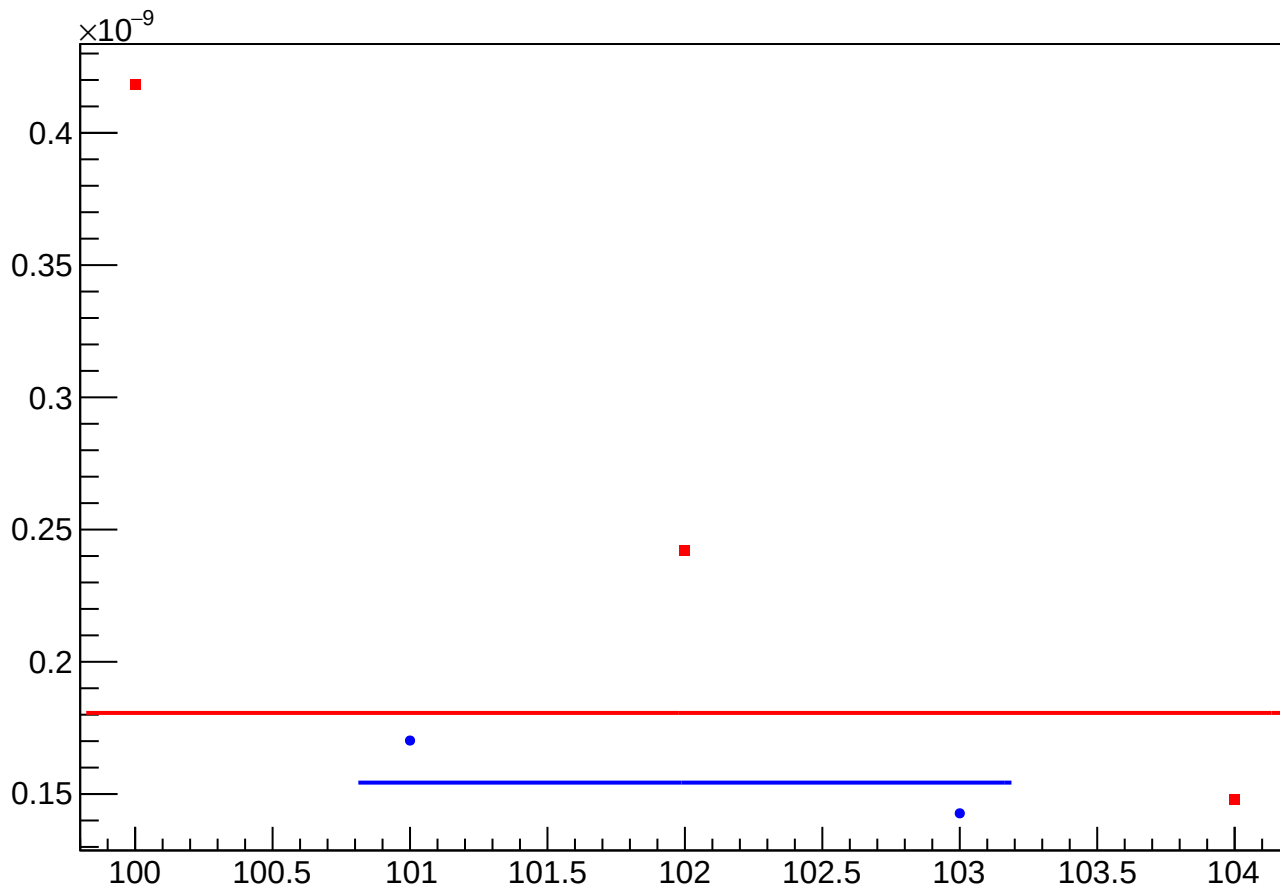
Right: 0.000+/-0.000 χ^2/NDF : 11.0/4

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.0/4

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 : 100854.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

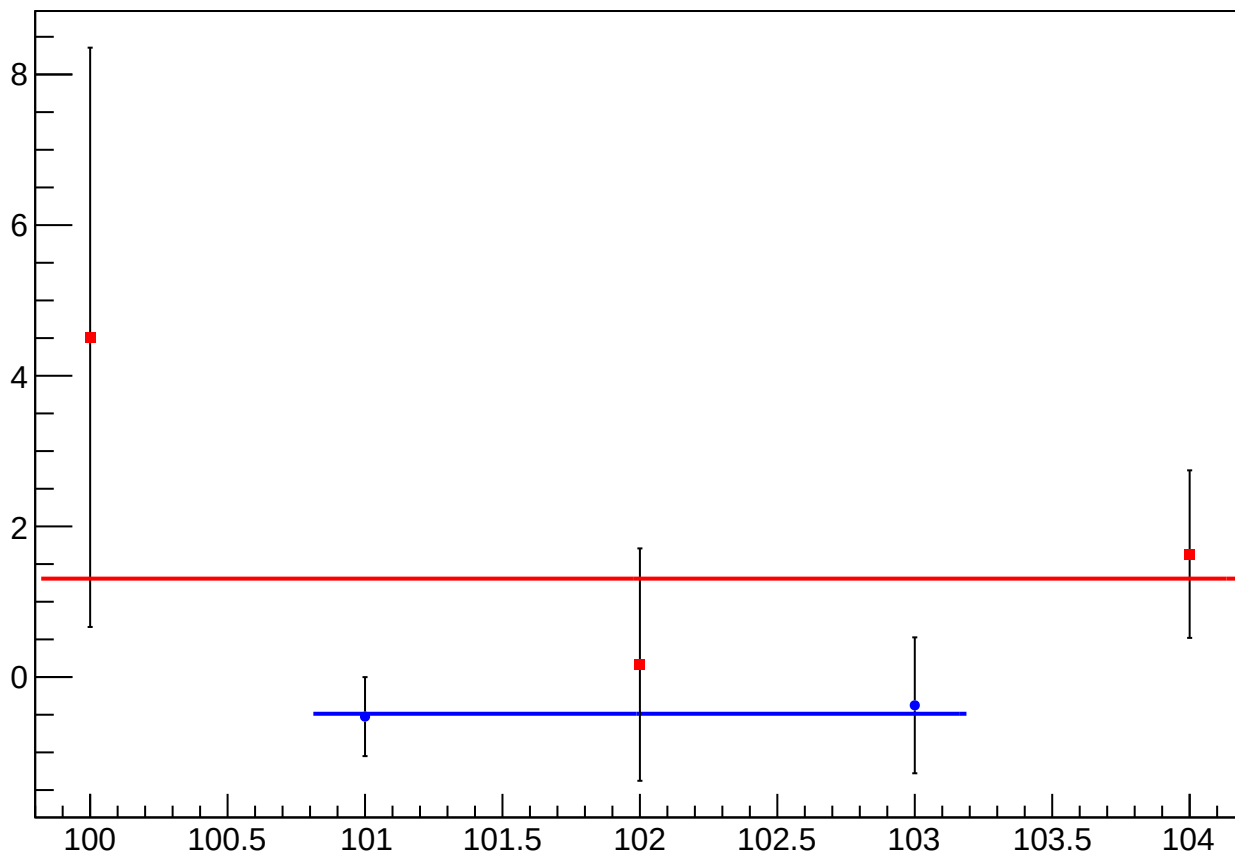
Right: 0.000+/-0.000 χ^2/NDF : 126313.0/4

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 : 126313.0/4

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.487 ± 0.453 χ^2/NDF : 0.0/1

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

Right Out: 1.307 ± 0.878 χ^2/NDF : 1.3/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

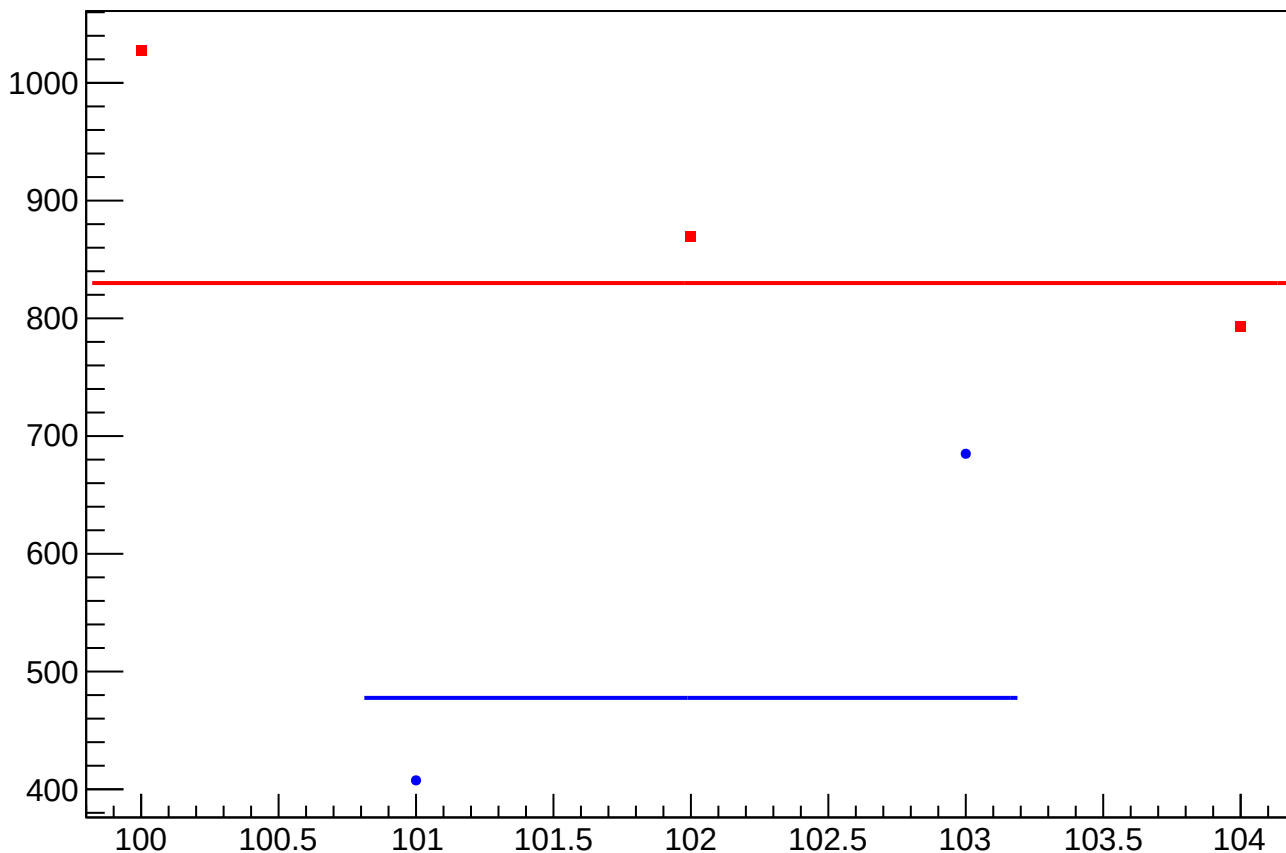
Right: -0.110 ± 0.403 χ^2/NDF : 4.6/4

In: -0.487 ± 0.453 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.110 ± 0.403 χ^2/NDF : 4.6/4

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: 829.971+/-0.621 χ^2/NDF : 8806.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

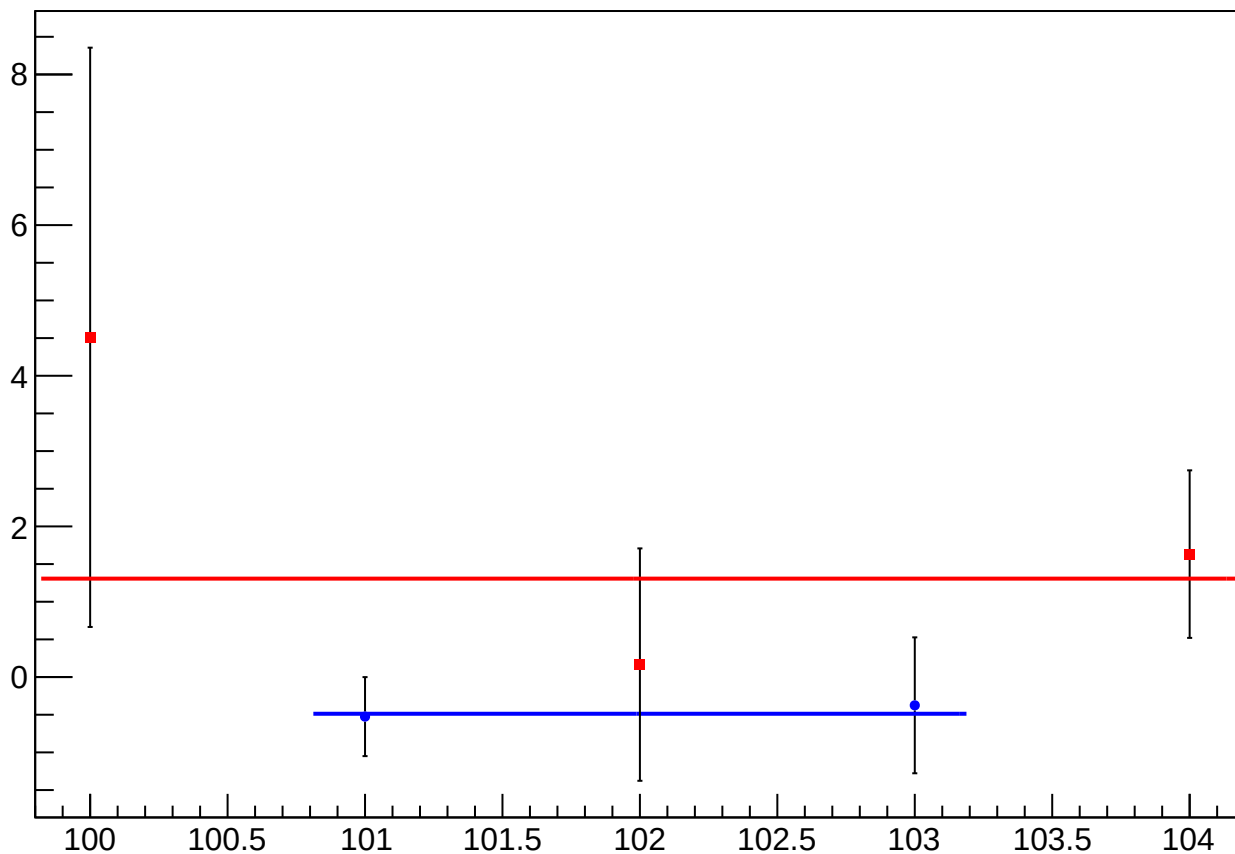
Right: 551.762+/-0.285 χ^2/NDF : 404303.9/4

In: 477.629+/-0.321 χ^2/NDF :141350.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 551.762+/-0.285 χ^2/NDF : 404303.9/4

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: 1.307 $\pm$ 0.878 χ^2 /NDF: 1.3/2

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

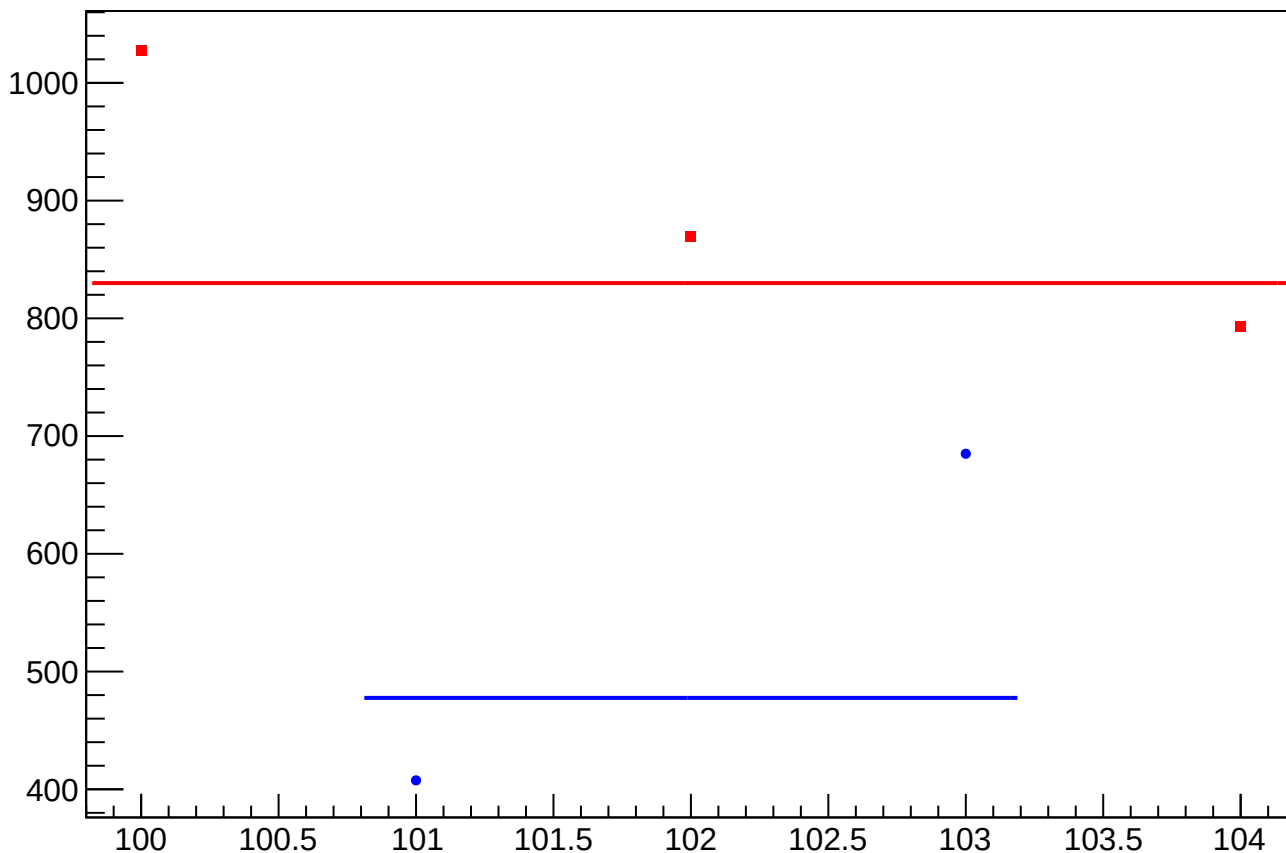
Right: -0.110 $\pm$ 0.403 χ^2 /NDF: 4.6/4

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: -0.110 $\pm$ 0.403 χ^2 /NDF: 4.6/4

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: 829.971+/-0.621 χ^2/NDF : 8806.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

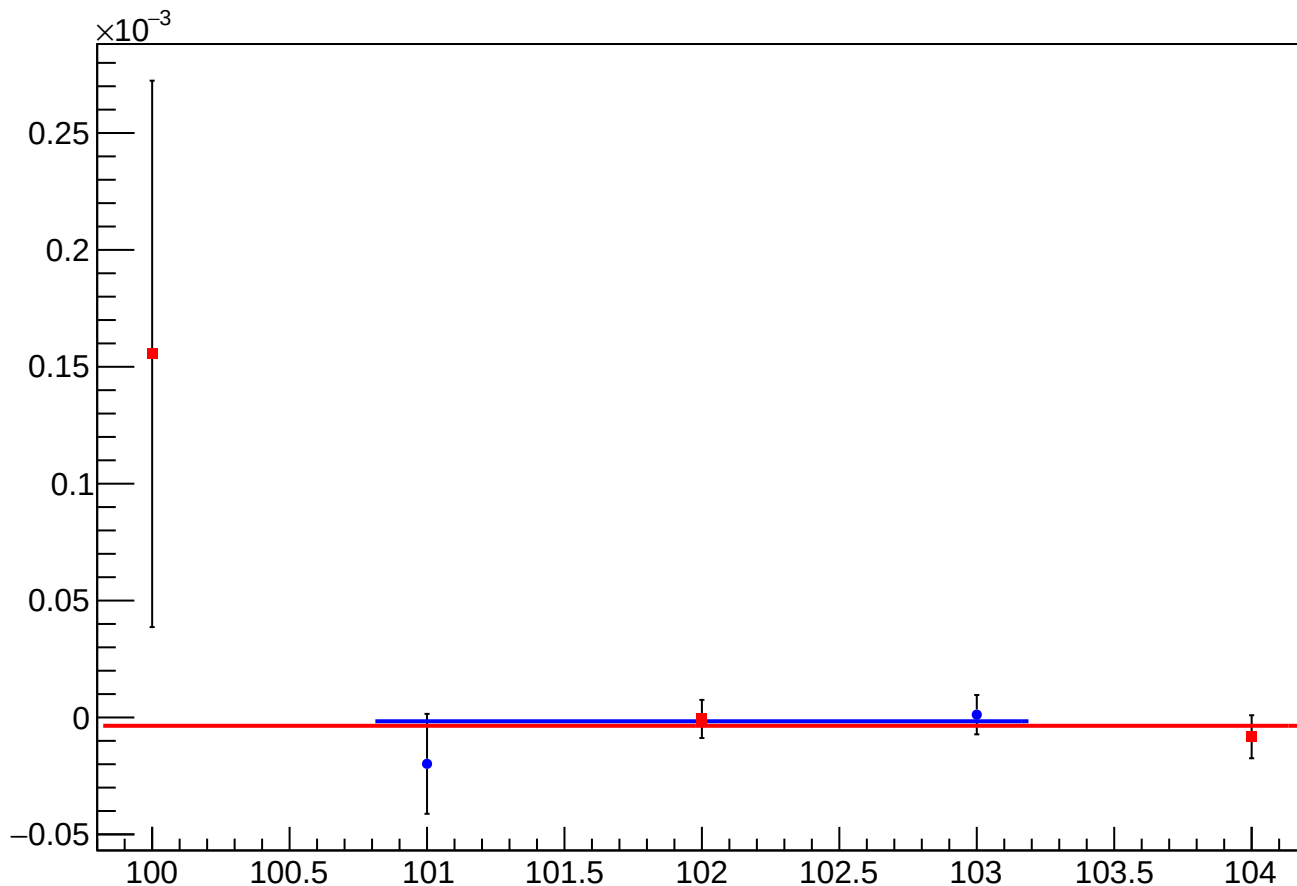
Right: 551.762+/-0.285 χ^2/NDF : 404303.9/4

In: 477.629+/-0.321 χ^2/NDF : 141350.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.762+/-0.285 χ^2/NDF : 404303.9/4

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 : 2.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

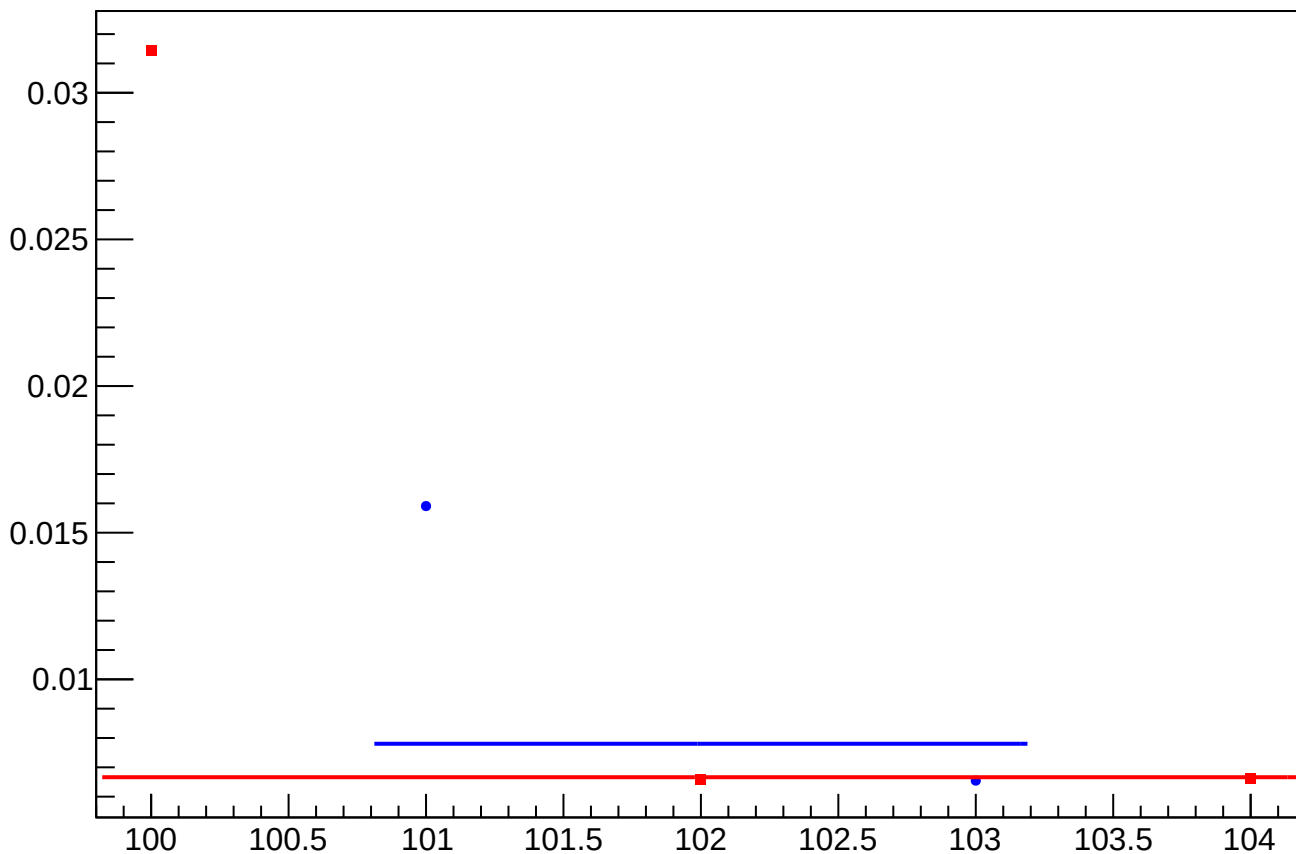
Right: -0.000+/-0.000 χ^2/NDF : 3.1/4

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 : 3.1/4

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 : 90287.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

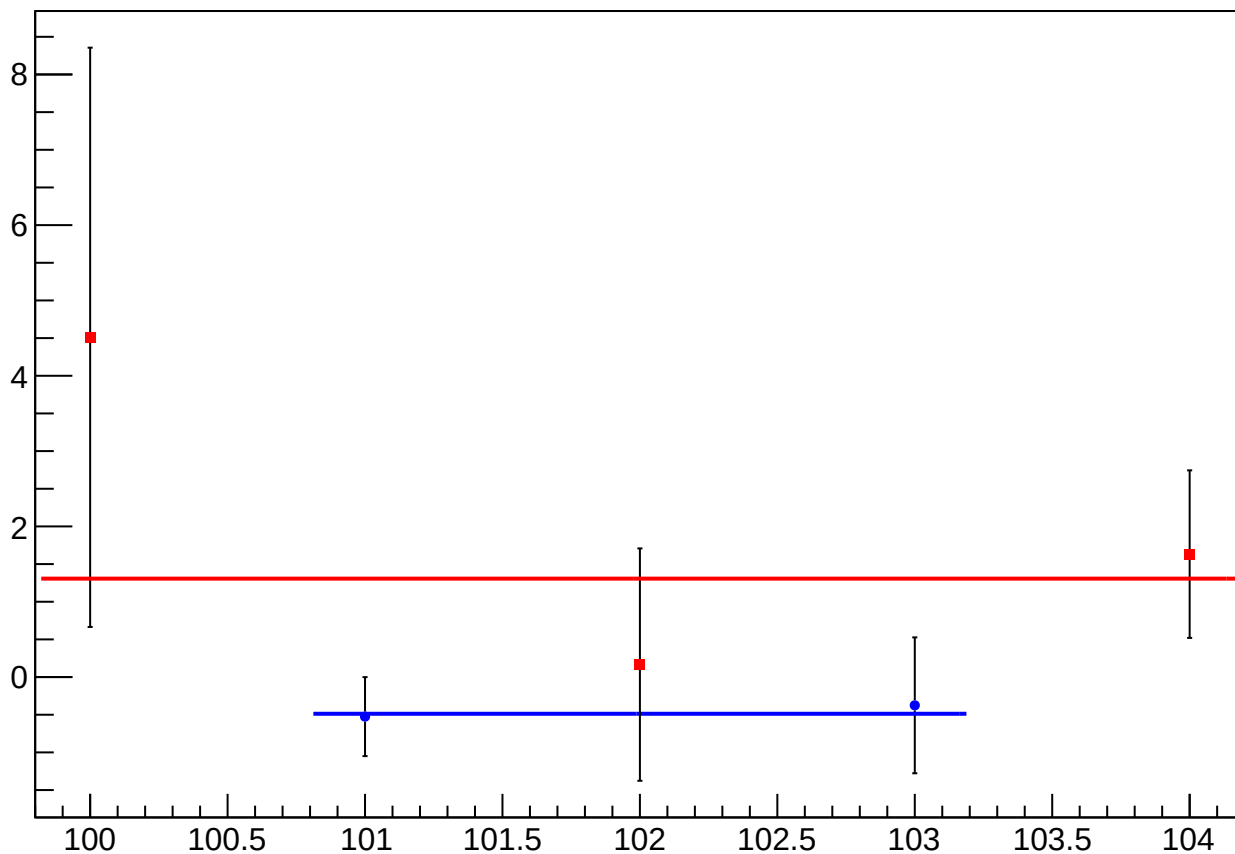
Right: 0.007+/-0.000 χ^2/NDF : 448934.0/4

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 : 448934.0/4

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: 1.307 $\pm$ 0.878 χ^2/NDF : 1.3/2

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

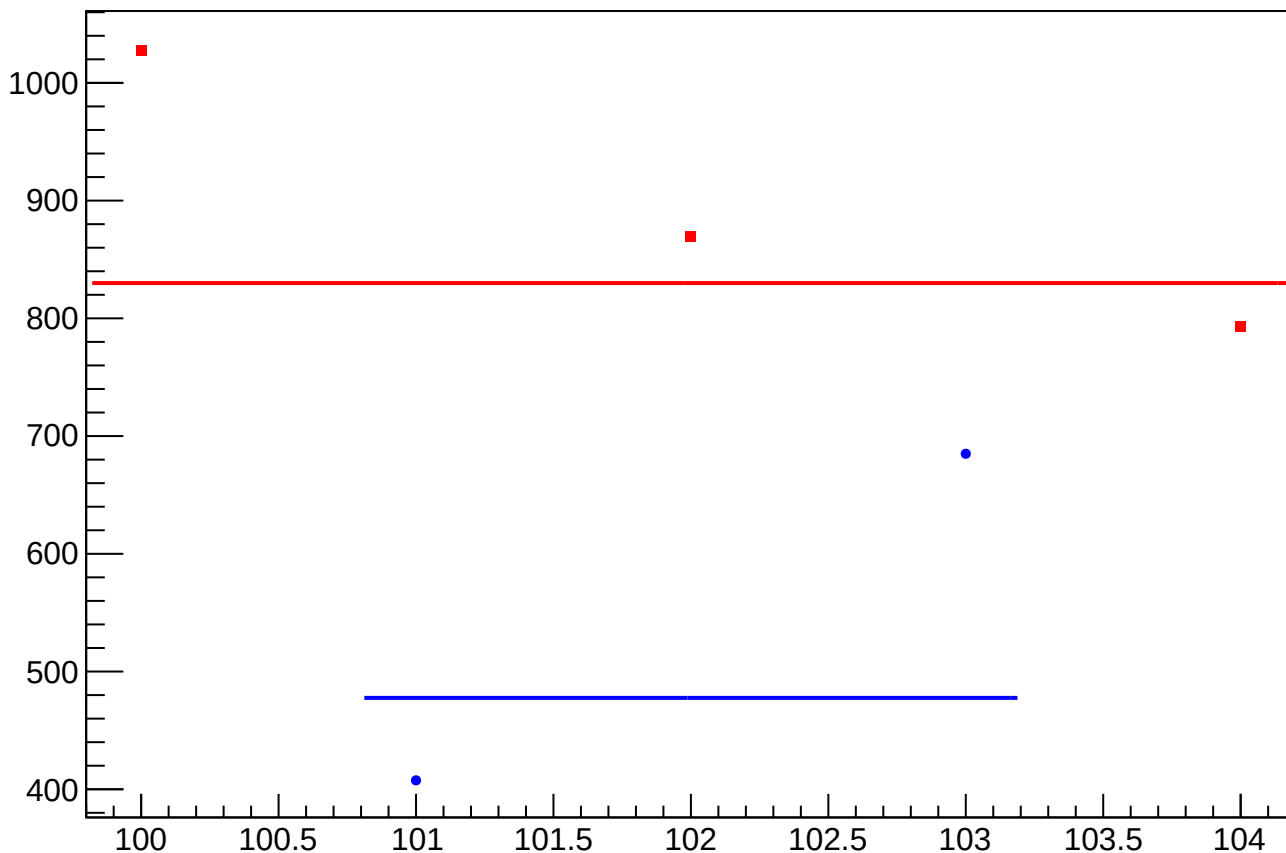
Right: -0.110 $\pm$ 0.403 χ^2/NDF : 4.6/4

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: -0.110 $\pm$ 0.403 χ^2/NDF : 4.6/4

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: 829.971+/-0.621 χ^2/NDF : 8807.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

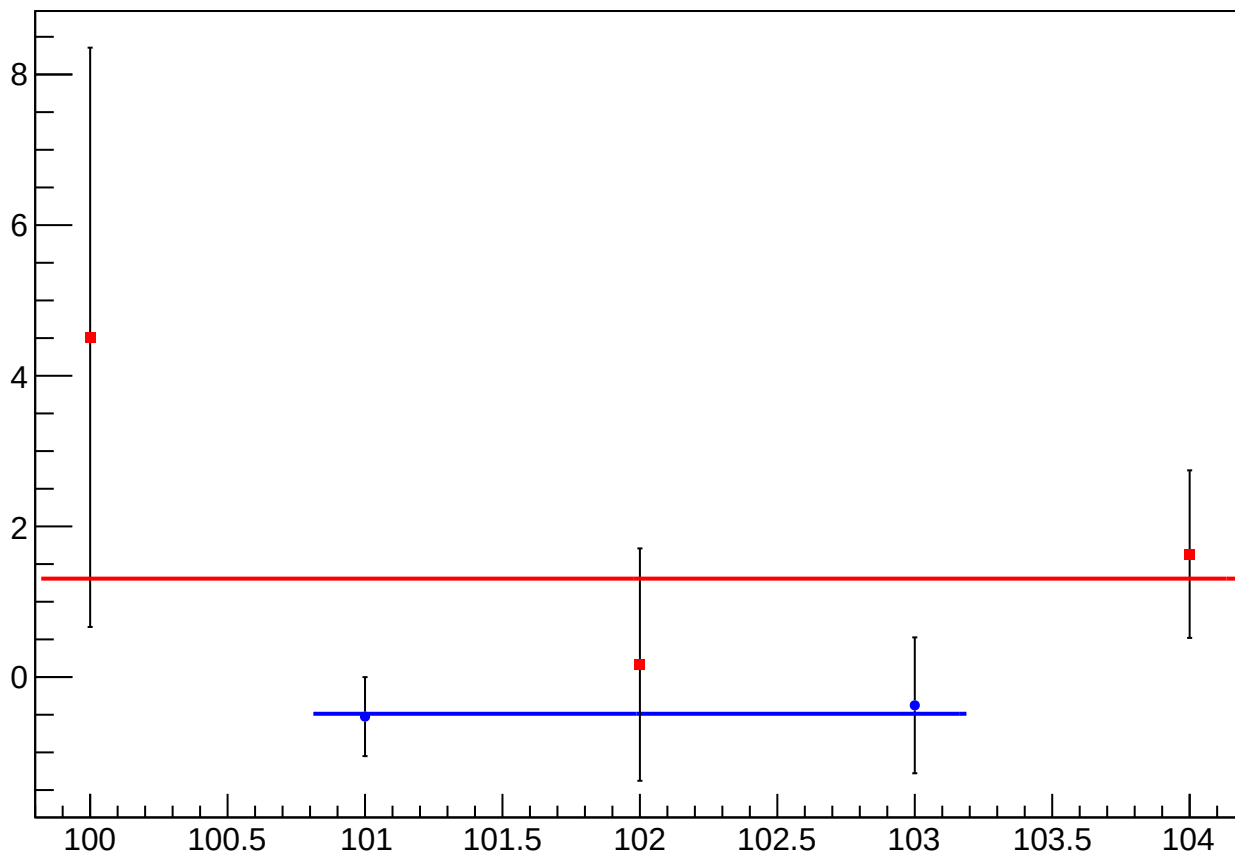
Right: 551.757+/-0.285 χ^2/NDF : 404317.4/4

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.757+/-0.285 χ^2/NDF : 404317.4/4

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: 1.307 $\pm$ 0.878 χ^2 /NDF: 1.3/2

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

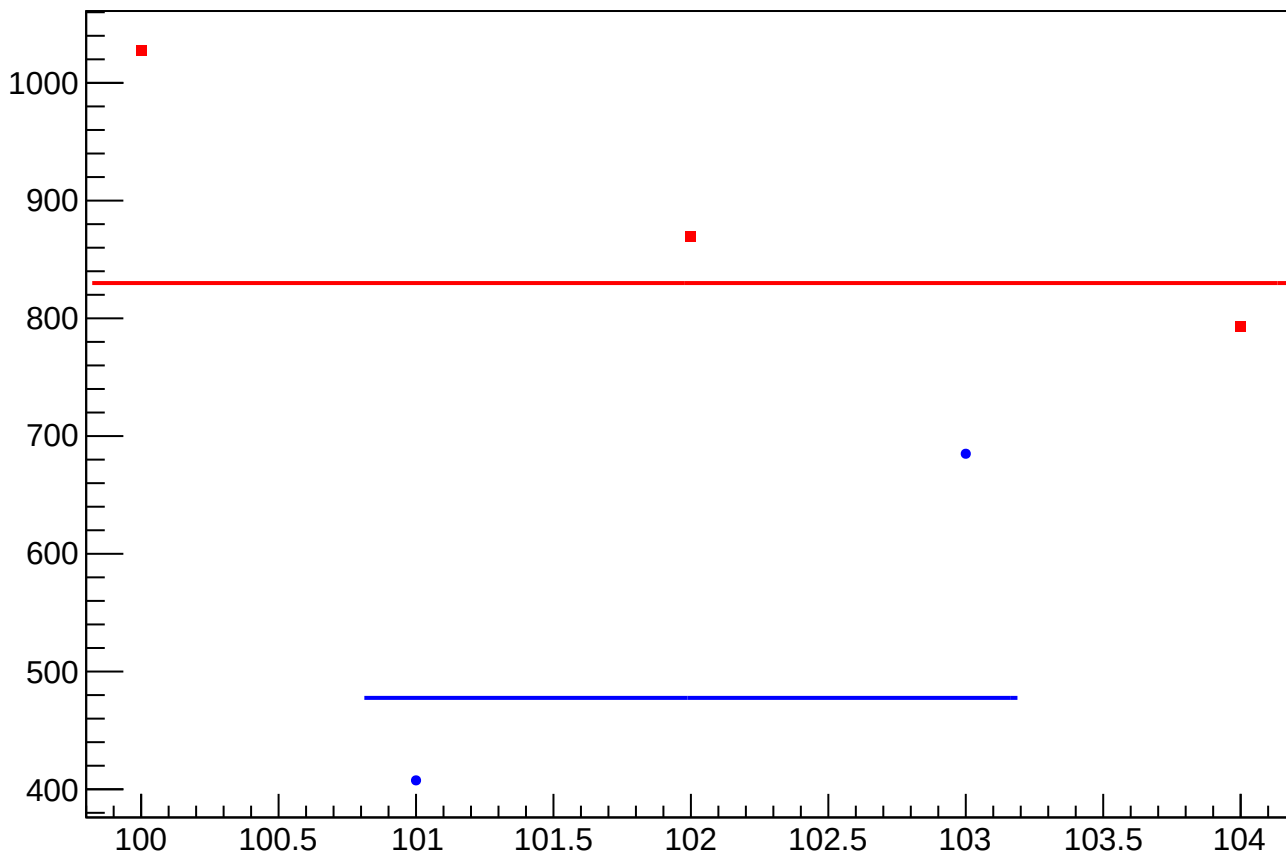
Right: -0.110 $\pm$ 0.403 χ^2 /NDF: 4.6/4

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: -0.110 $\pm$ 0.403 χ^2 /NDF: 4.6/4

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: 829.971+/-0.621 χ^2/NDF : 8807.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

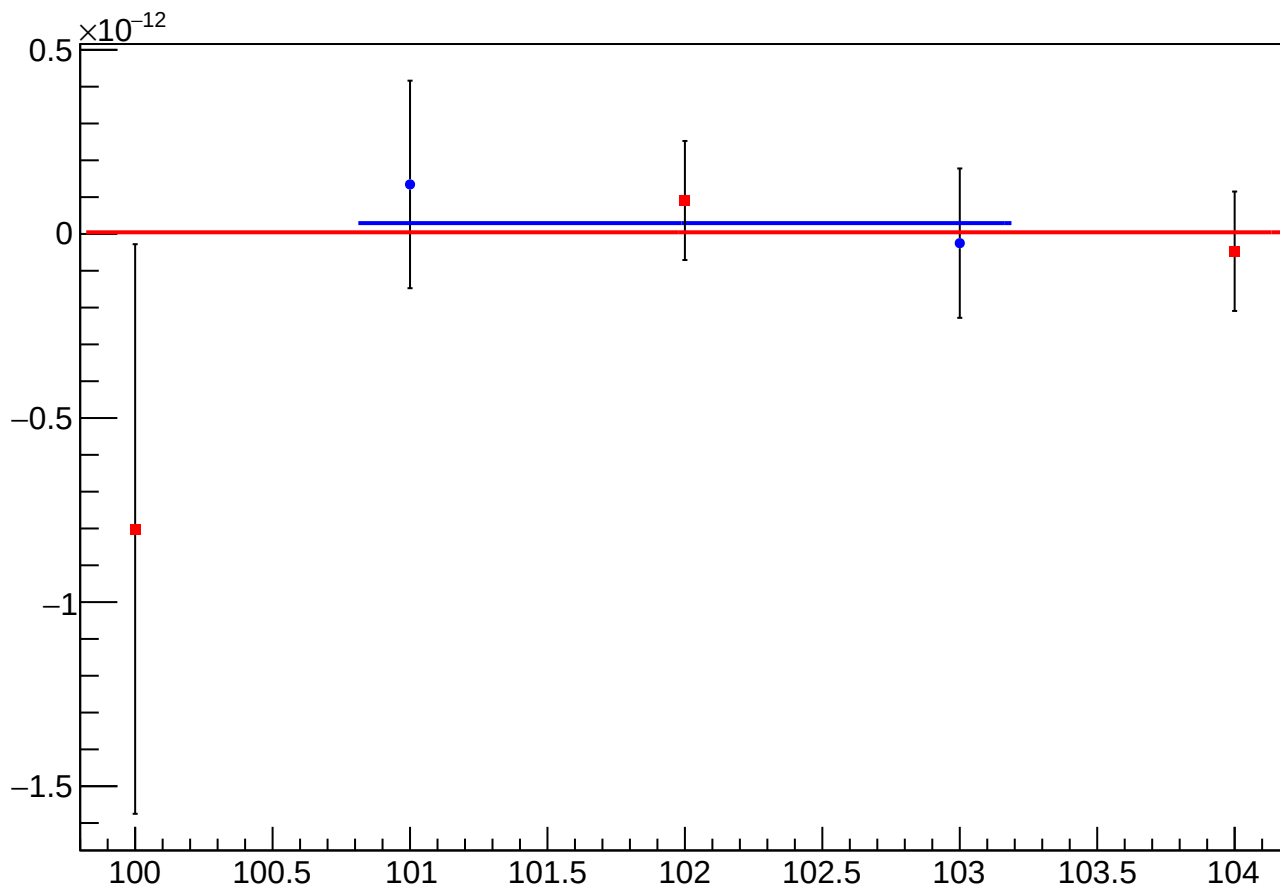
Right: 551.757+/-0.285 χ^2/NDF : 404317.4/4

In: 477.624+/-0.321 χ^2/NDF : 141356.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.757+/-0.285 χ^2/NDF : 404317.4/4

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

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

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

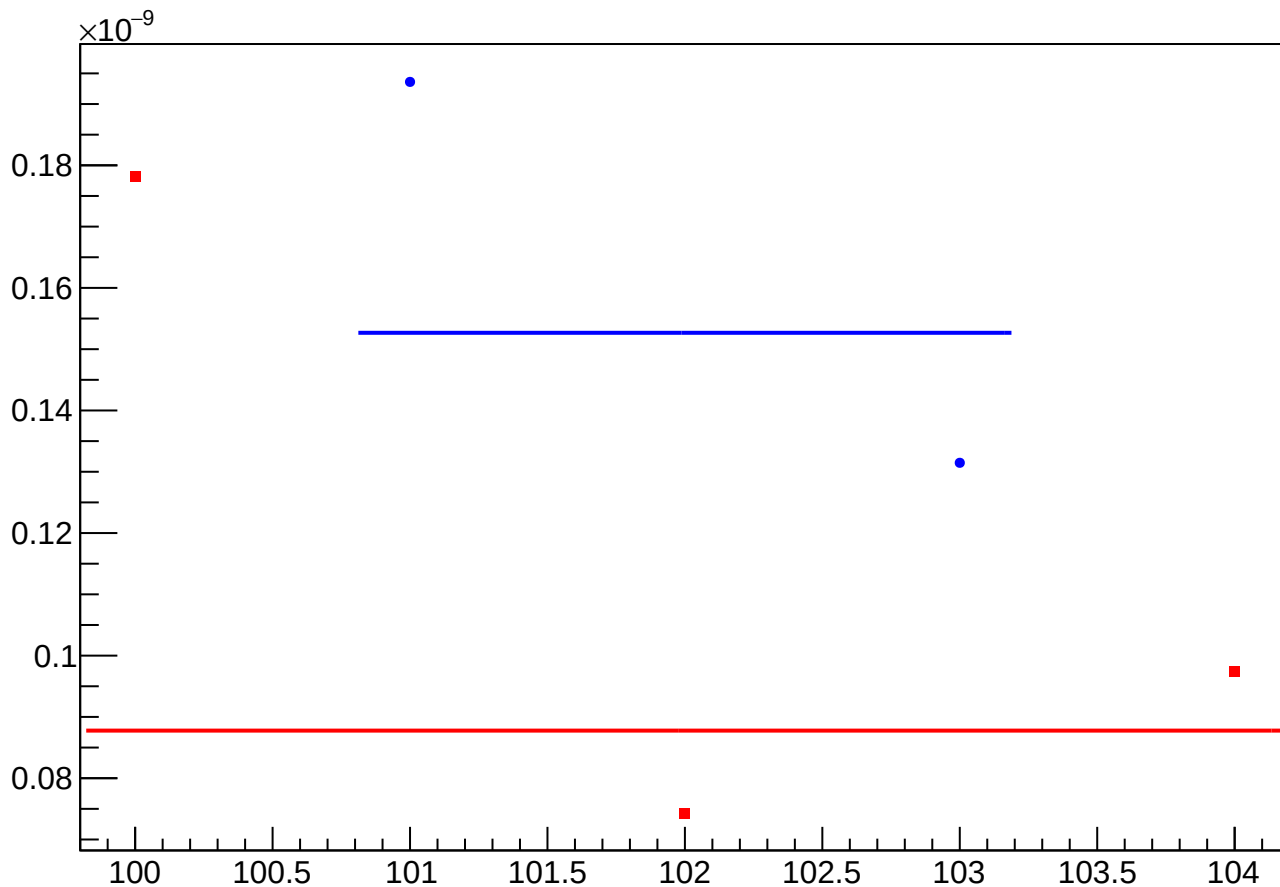
Right: 0.000+/-0.000 χ^2 /NDF: 1.7/4

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: 1.7/4

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 : 48153.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

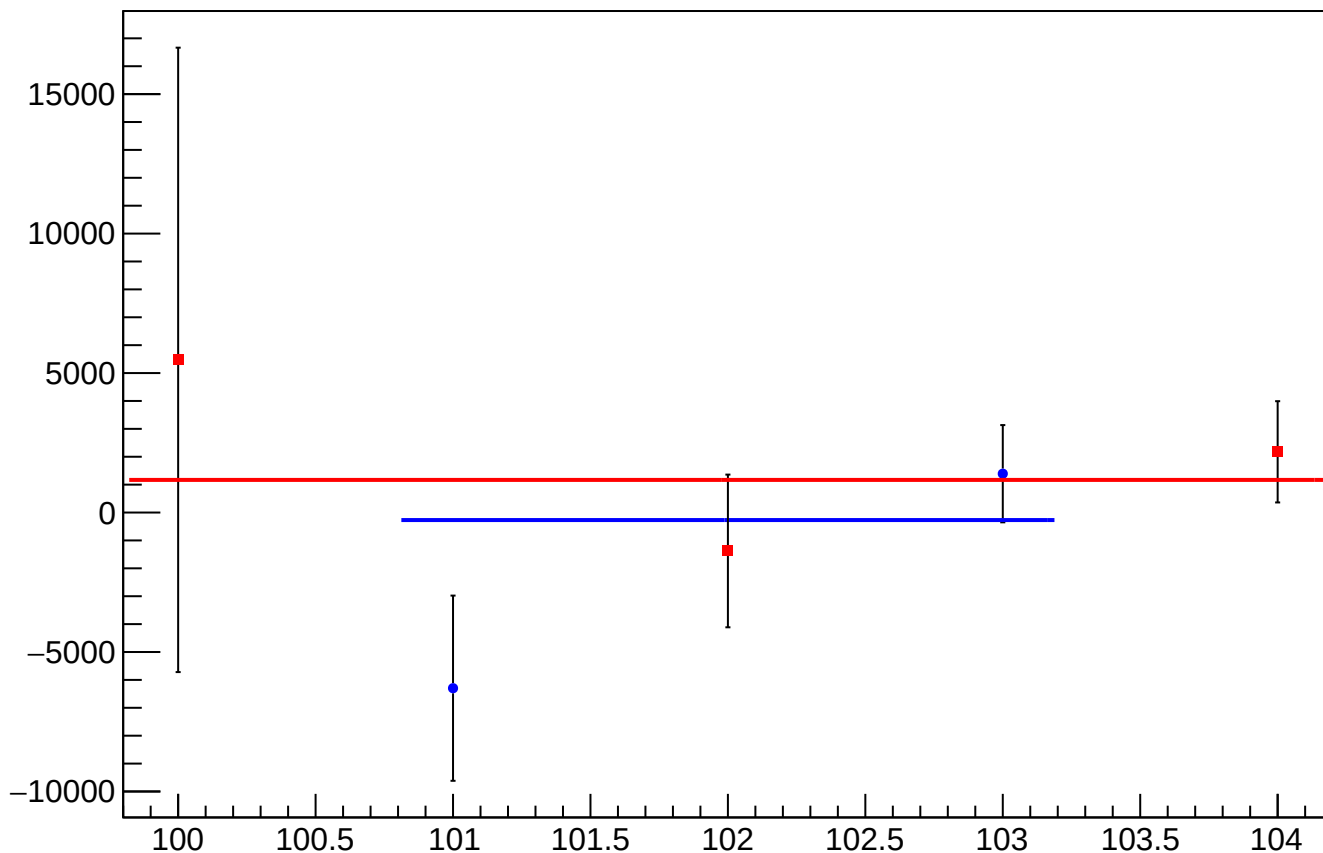
Right: 0.000+/-0.000 χ^2/NDF : 323215.8/4

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 : 323215.8/4

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: 1169.626+/-1499.067 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

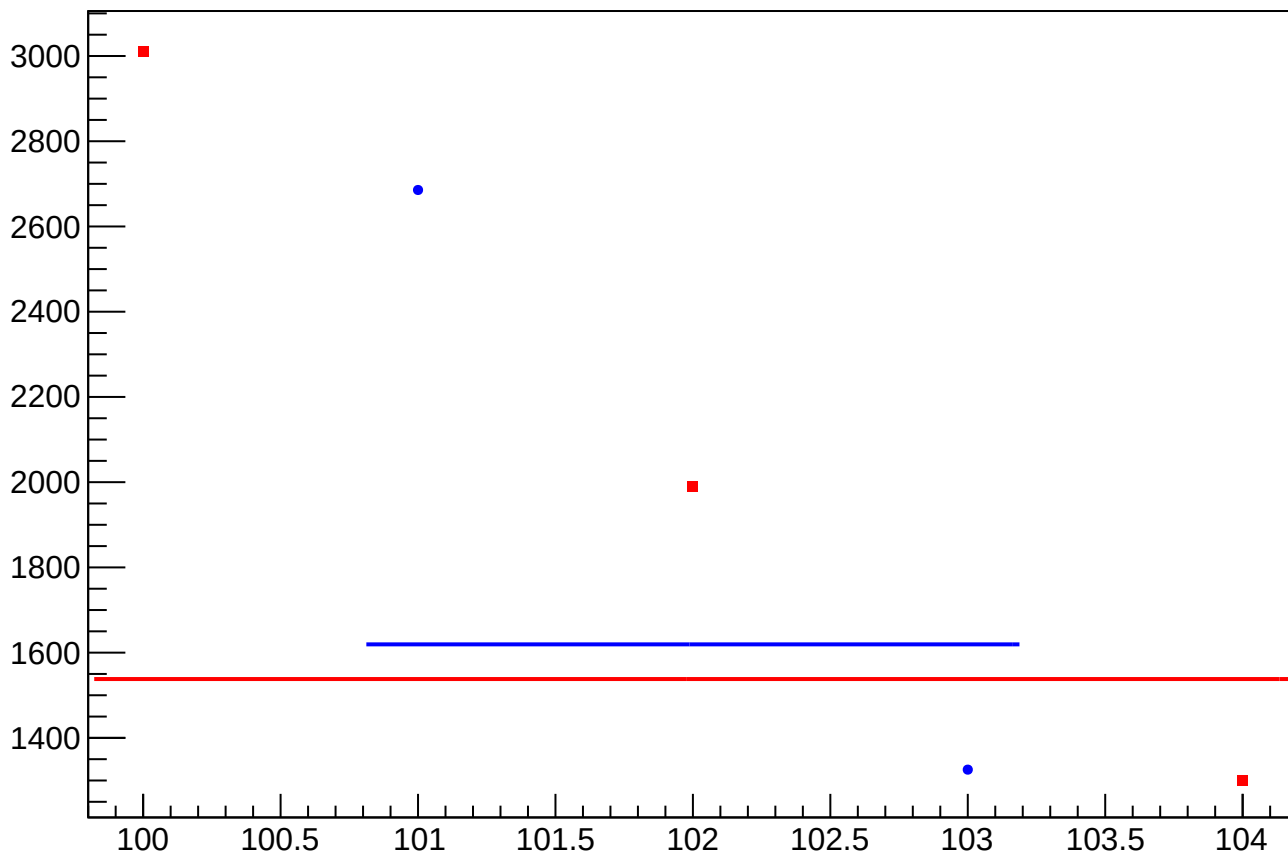
Right: 470.925+/-1075.310 χ^2/NDF : 6.0/4

In: -269.653+/-1543.336 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.925+/-1075.310 χ^2/NDF : 6.0/4

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: 1538.072+/-1.060 χ^2/NDF : 123428.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

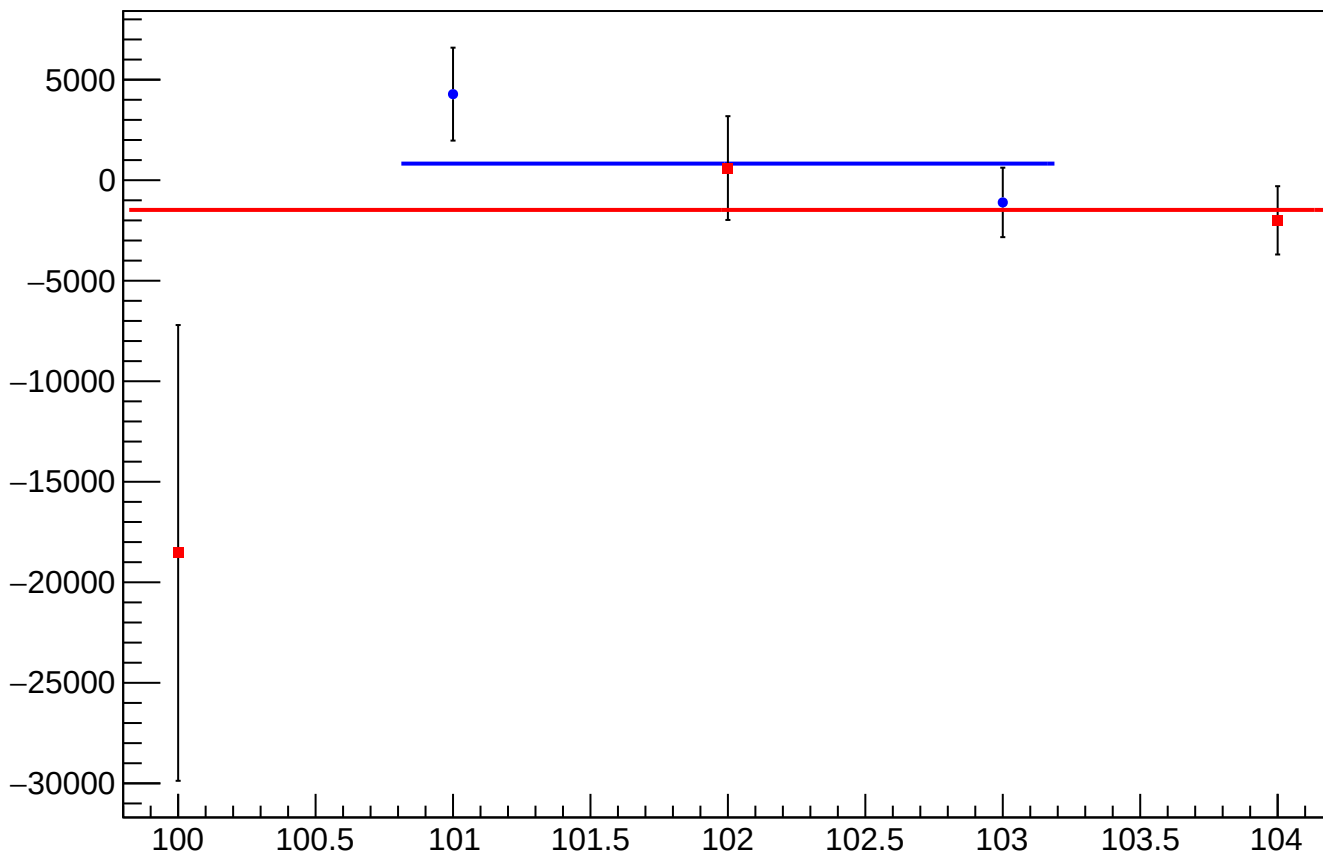
Right: 1577.570+/-0.760 χ^2/NDF : 389458.5/4

In: 1619.435+/-1.091 χ^2/NDF : 263170.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.570+/-0.760 χ^2/NDF : 389458.5/4

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 825.410+/-1383.727 χ^2/NDF : 3.5/1

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

Right Out: -1478.177+/-1407.881 χ^2/NDF : 3.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

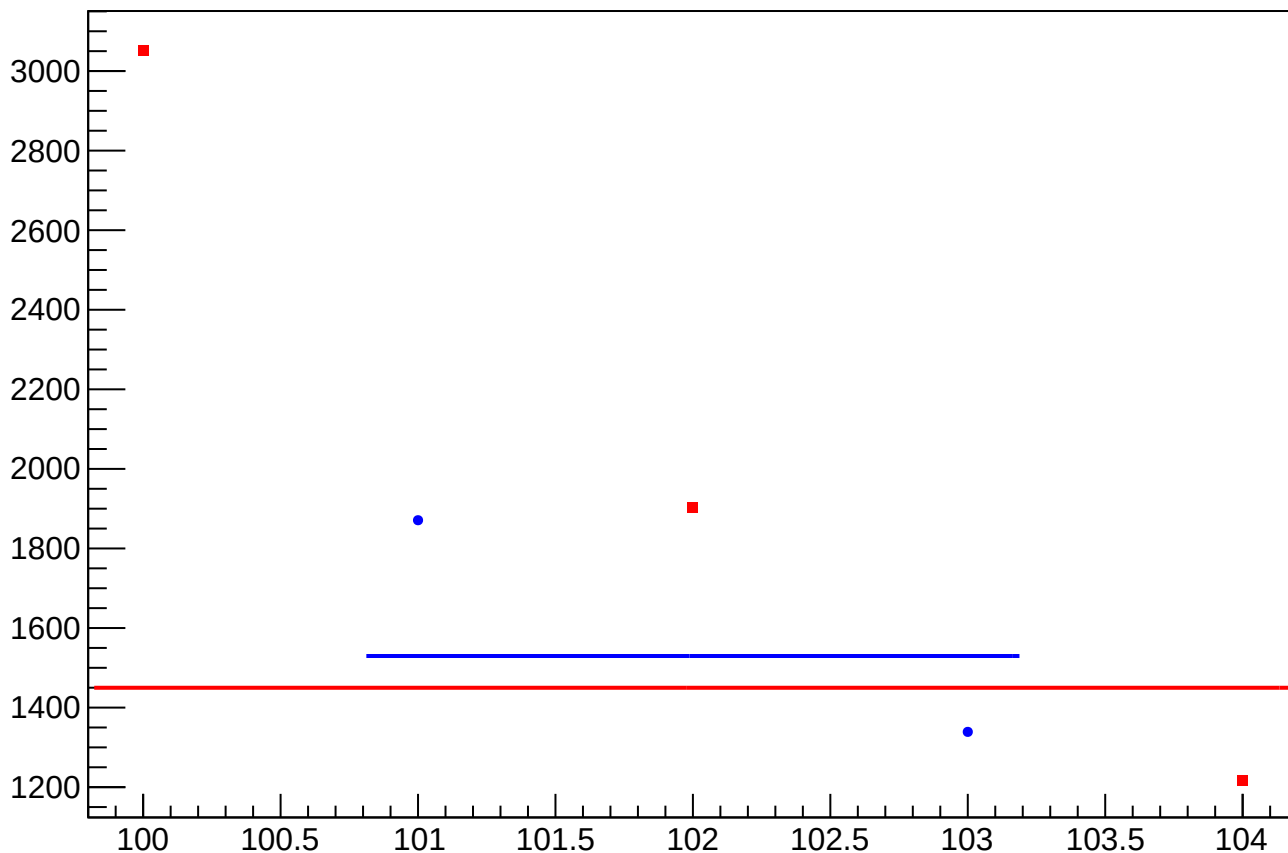
Right: -306.454+/-986.872 χ^2/NDF : 7.9/4

In: 825.410+/-1383.727 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.454+/-986.872 χ^2/NDF : 7.9/4

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: 1449.873+/-0.996 χ^2/NDF : 139364.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

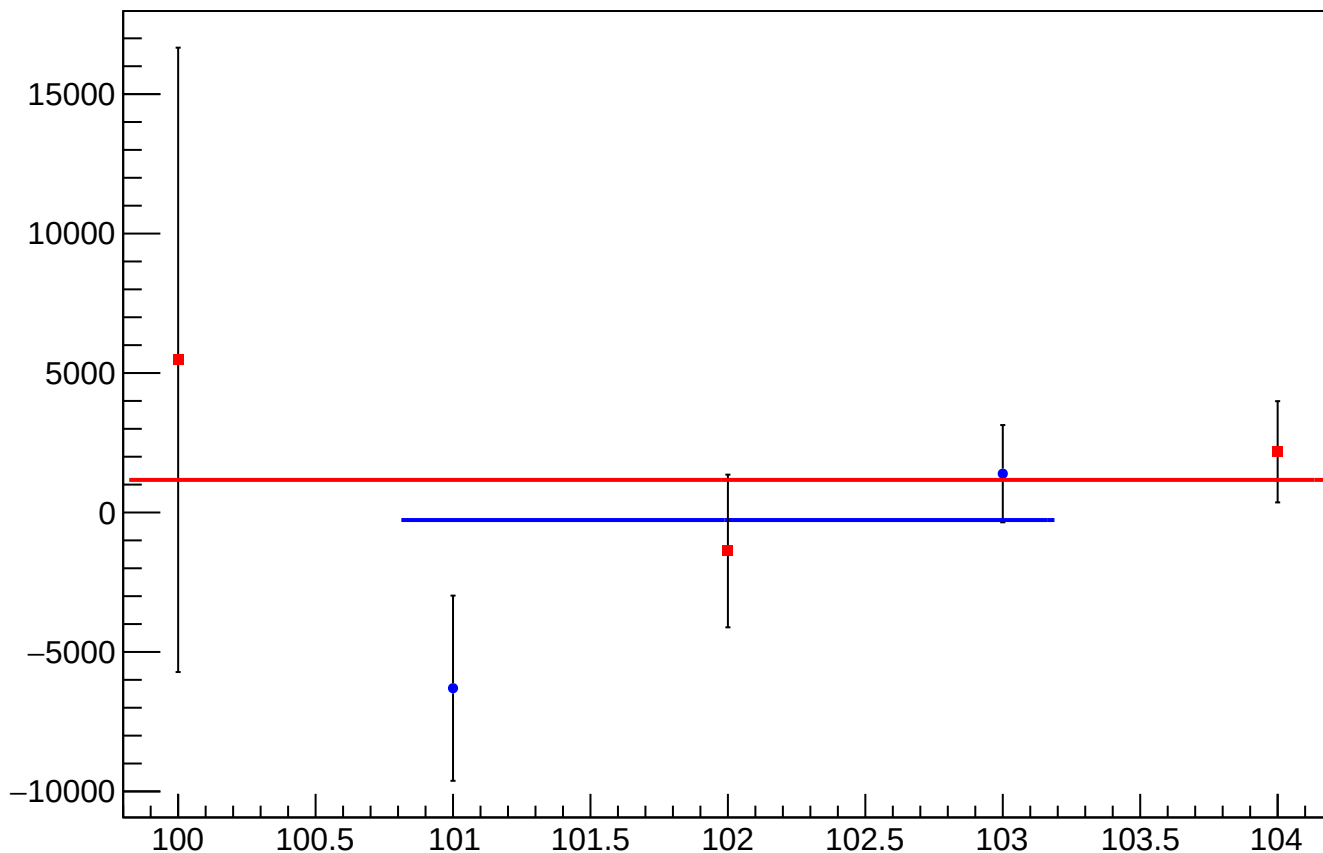
Right: 1490.468+/-0.698 χ^2/NDF : 210615.9/4

In: 1529.683+/-0.978 χ^2/NDF : 67982.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.468+/-0.698 χ^2/NDF : 210615.9/4

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: 1168.749+/-1499.067 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

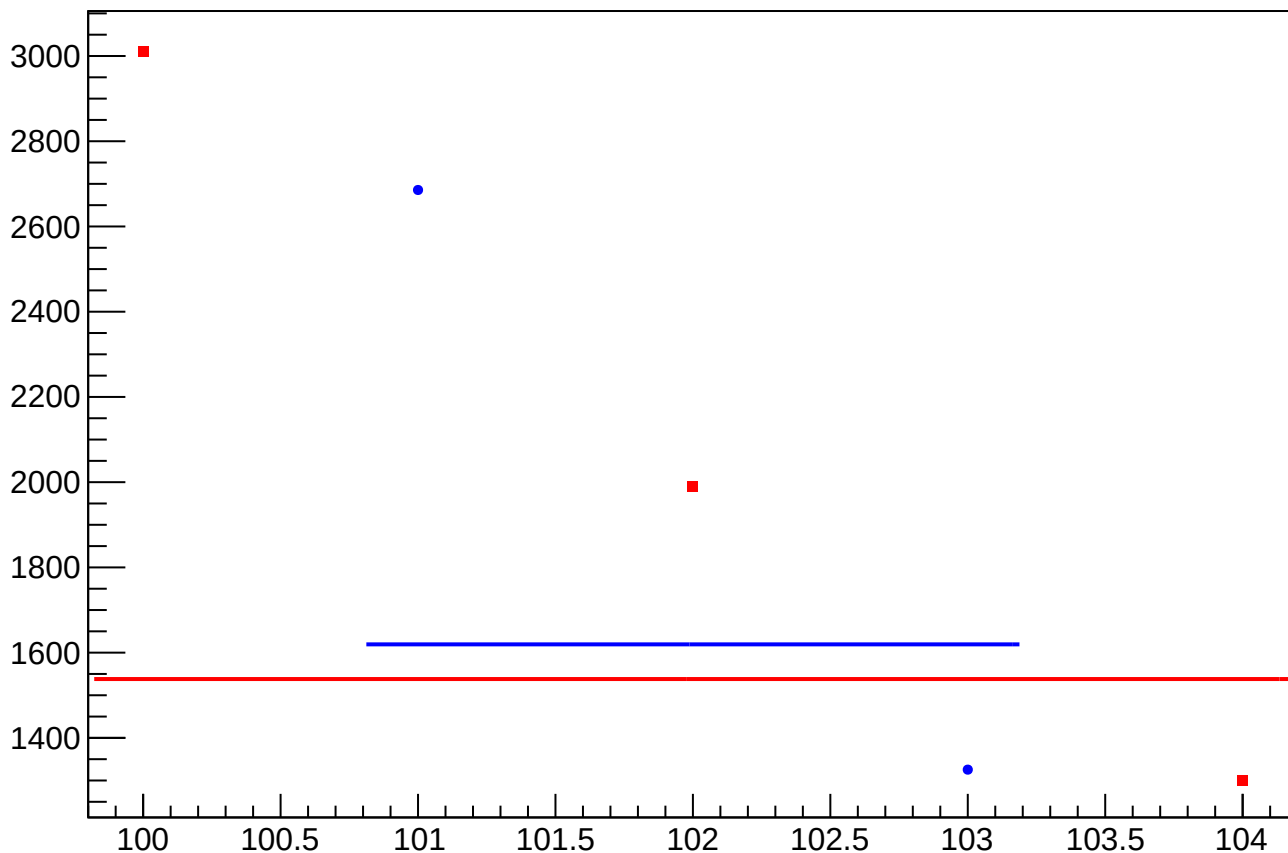
Right: 470.170+/-1075.311 χ^2/NDF : 6.0/4

In: -270.278+/-1543.337 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 470.170+/-1075.311 χ^2/NDF : 6.0/4

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: 1538.072+/-1.060 χ^2/NDF : 123427.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

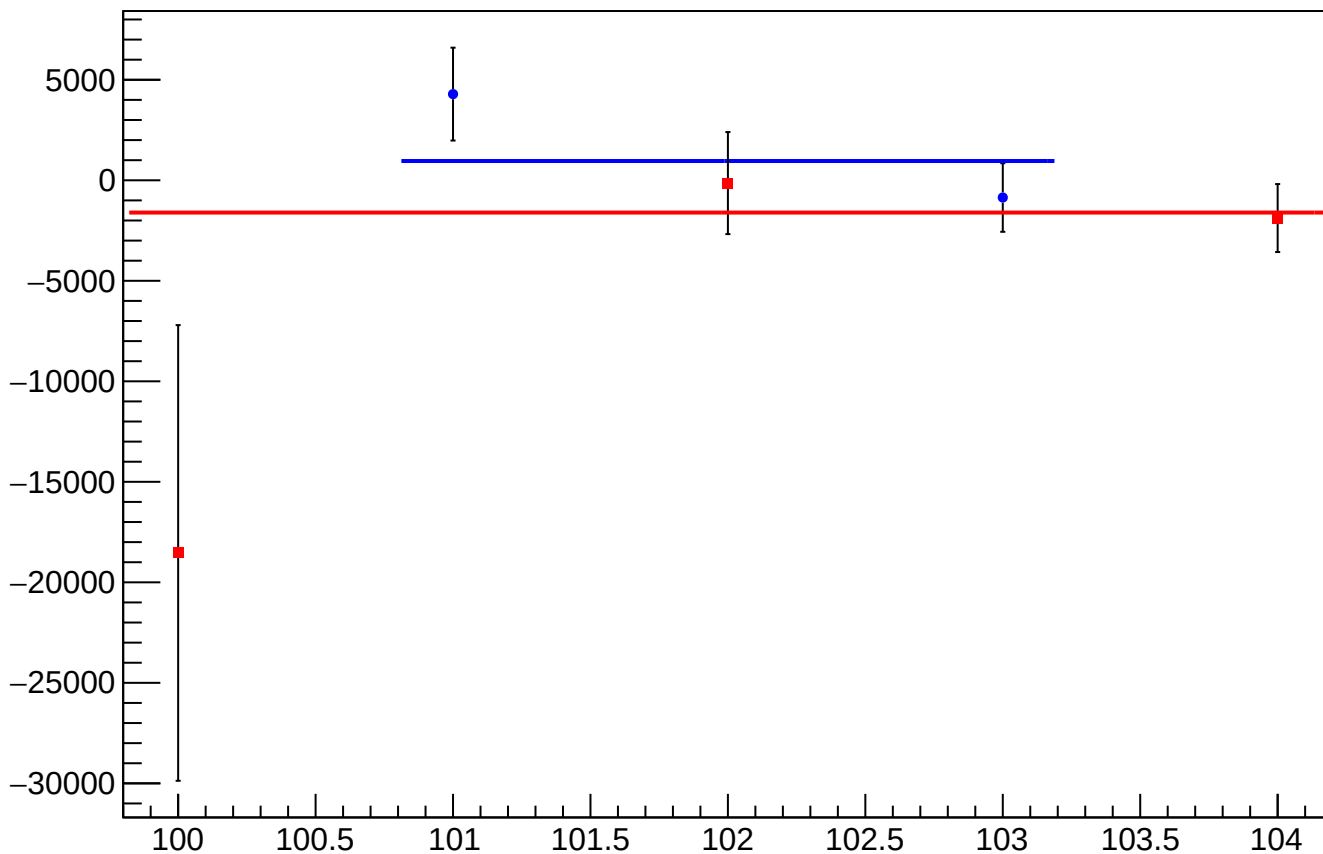
Right: 1577.569+/-0.760 χ^2/NDF : 389458.2/4

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.569+/-0.760 χ^2/NDF : 389458.2/4

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

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

Right Out: -1604.978+/-1396.447 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

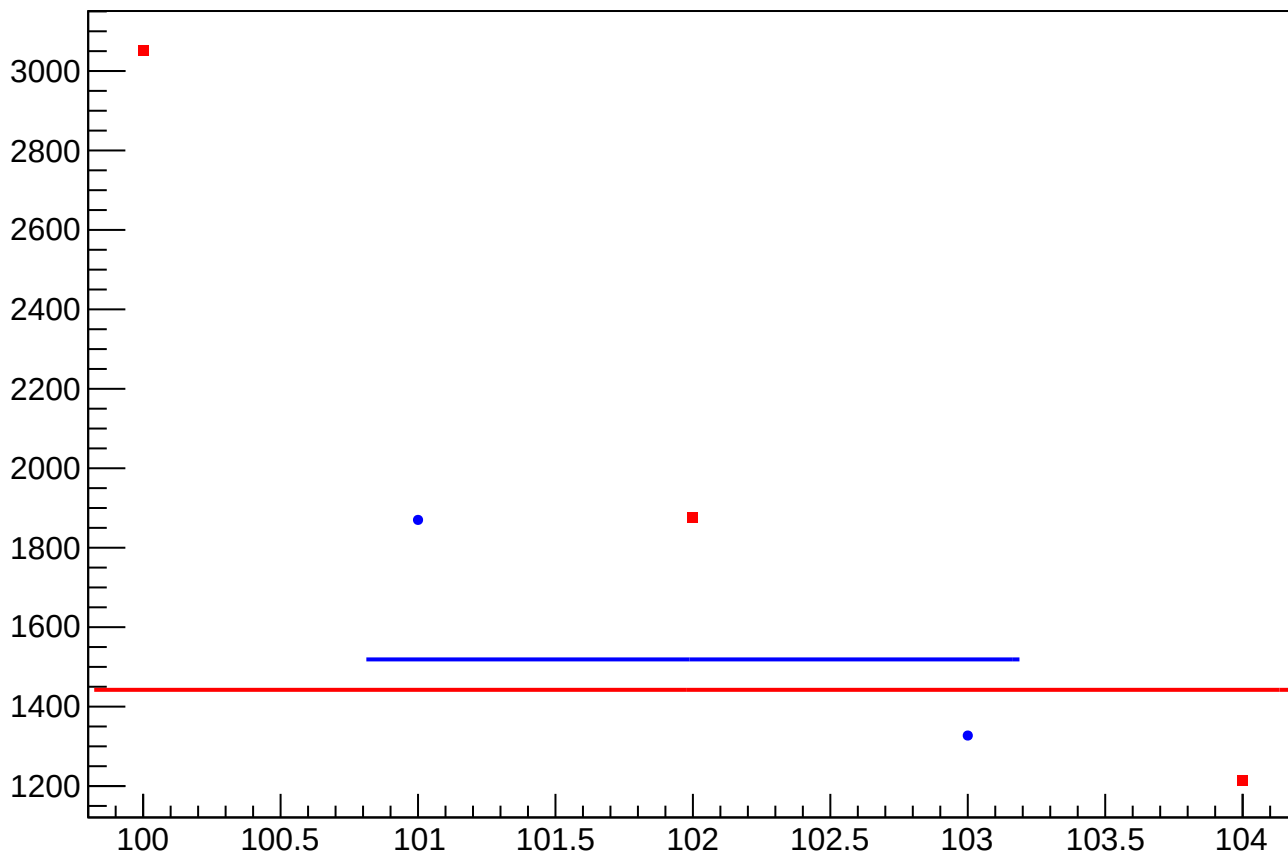
Right: -300.461+/-978.891 χ^2/NDF : 7.5/4

In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.461+/-978.891 χ^2/NDF : 7.5/4

asym_at2_dd_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: 1442.268 $\pm$ 0.987 χ^2 /NDF: 134700.5/2

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

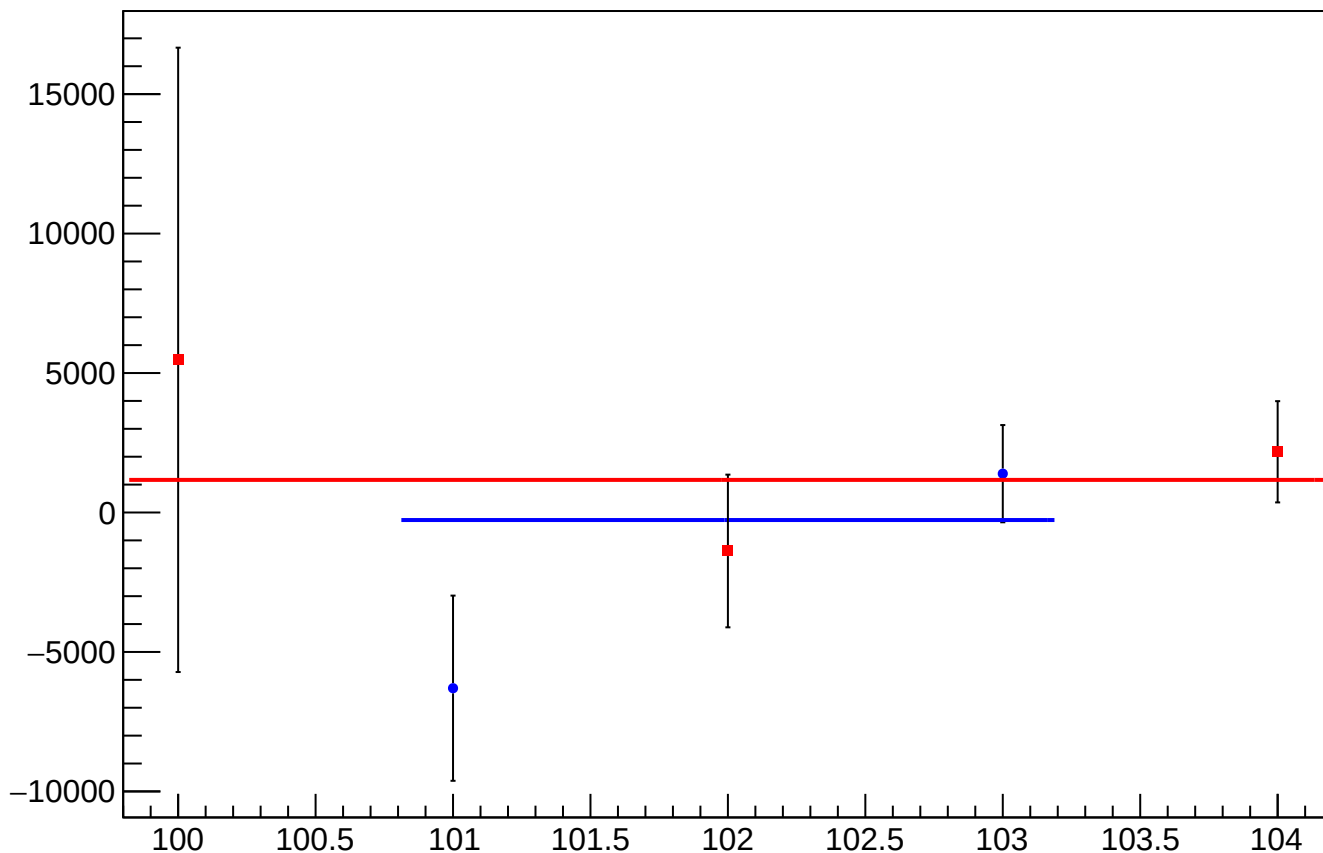
Right: 1481.212 $\pm$ 0.692 χ^2 /NDF: 209201.9/4

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: 1481.212 $\pm$ 0.692 χ^2 /NDF: 209201.9/4

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: 1168.749+/-1499.067 χ^2/NDF : 1.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

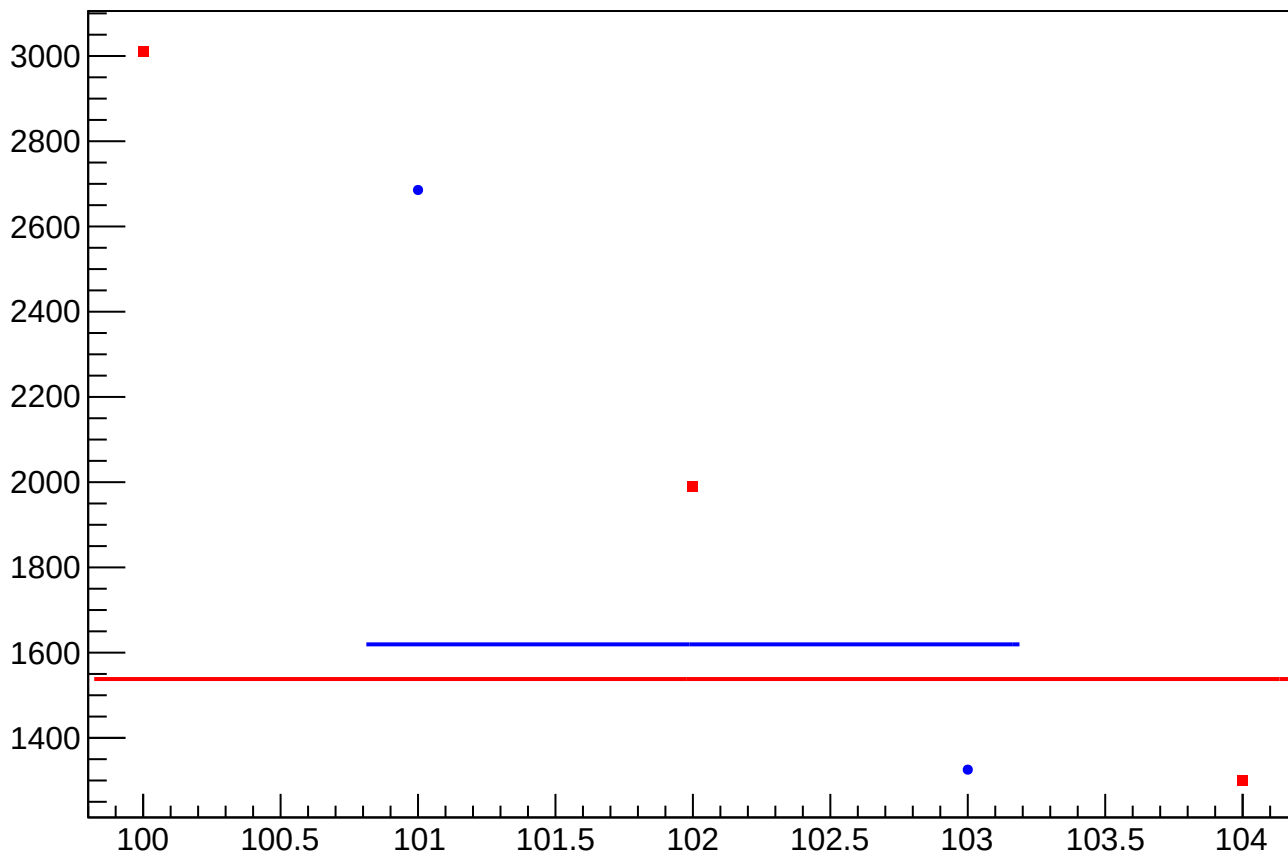
Right: 470.170+/-1075.311 χ^2/NDF : 6.0/4

In: -270.278+/-1543.337 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.170+/-1075.311 χ^2/NDF : 6.0/4

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: 1538.072+/-1.060 χ^2/NDF : 123427.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

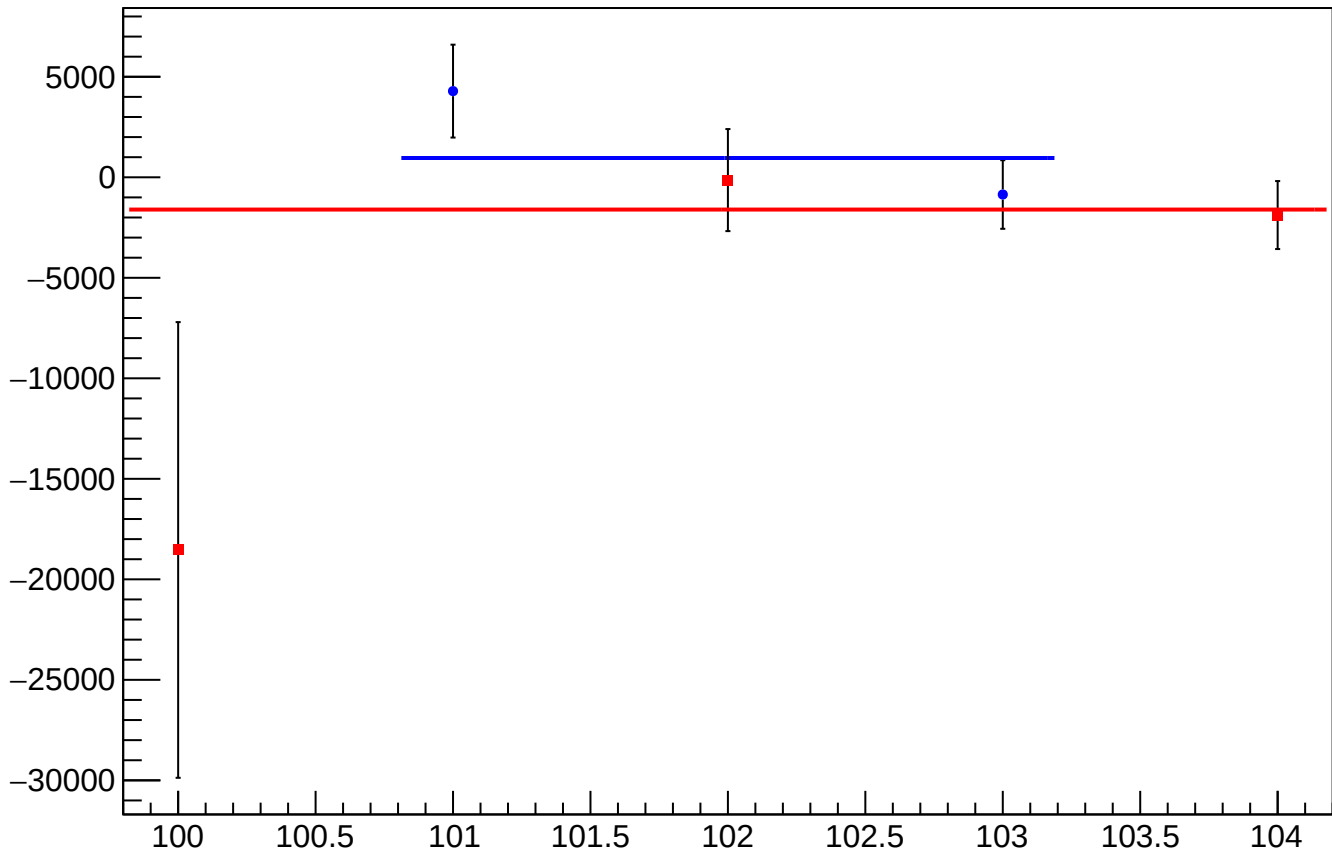
Right: 1577.569+/-0.760 χ^2/NDF : 389458.2/4

In: 1619.434+/-1.091 χ^2/NDF : 263170.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1577.569+/-0.760 χ^2/NDF : 389458.2/4

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: -1604.978+/-1396.447 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

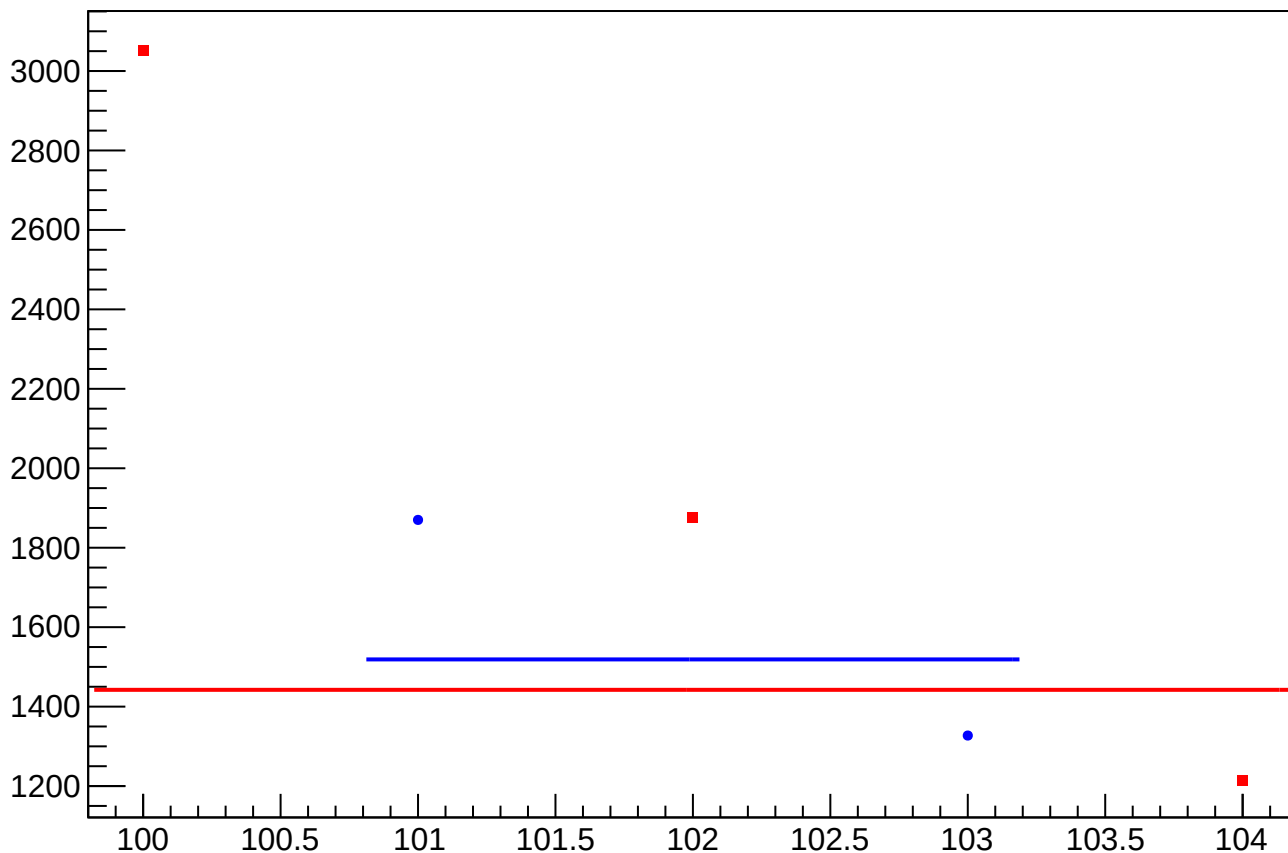
Right: -300.461+/-978.891 χ^2/NDF : 7.5/4

In: 959.849+/-1372.582 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.461+/-978.891 χ^2/NDF : 7.5/4

asym_at2_dd_eigen_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: 1442.268+/-0.987 χ^2/NDF : 134700.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

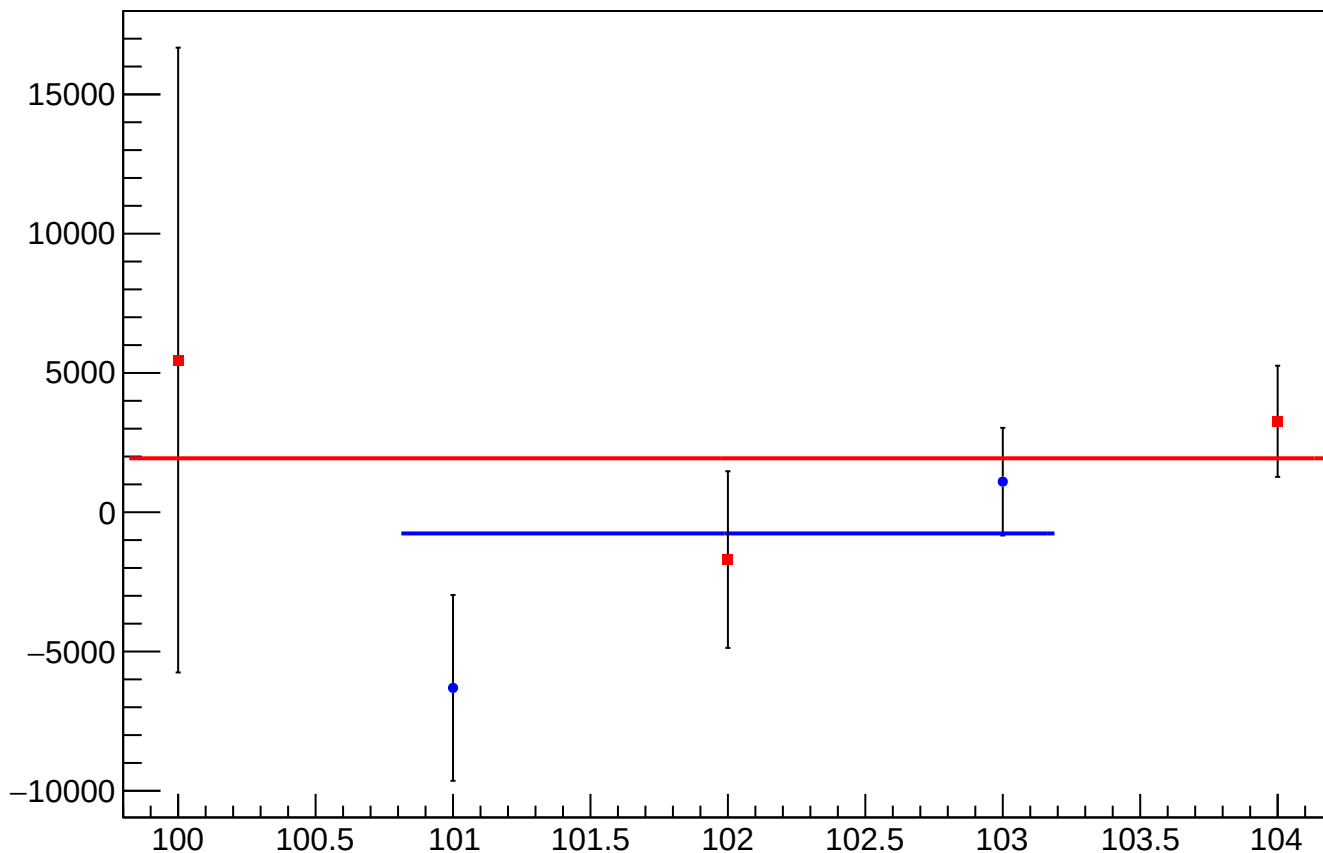
Right: 1481.212+/-0.692 χ^2/NDF : 209201.9/4

In: 1518.837+/-0.971 χ^2/NDF : 71443.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.212+/-0.692 χ^2/NDF : 209201.9/4

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: -761.014+/-1671.487 χ^2/NDF : 3.7/1

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

Right Out: 1936.309+/-1669.790 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

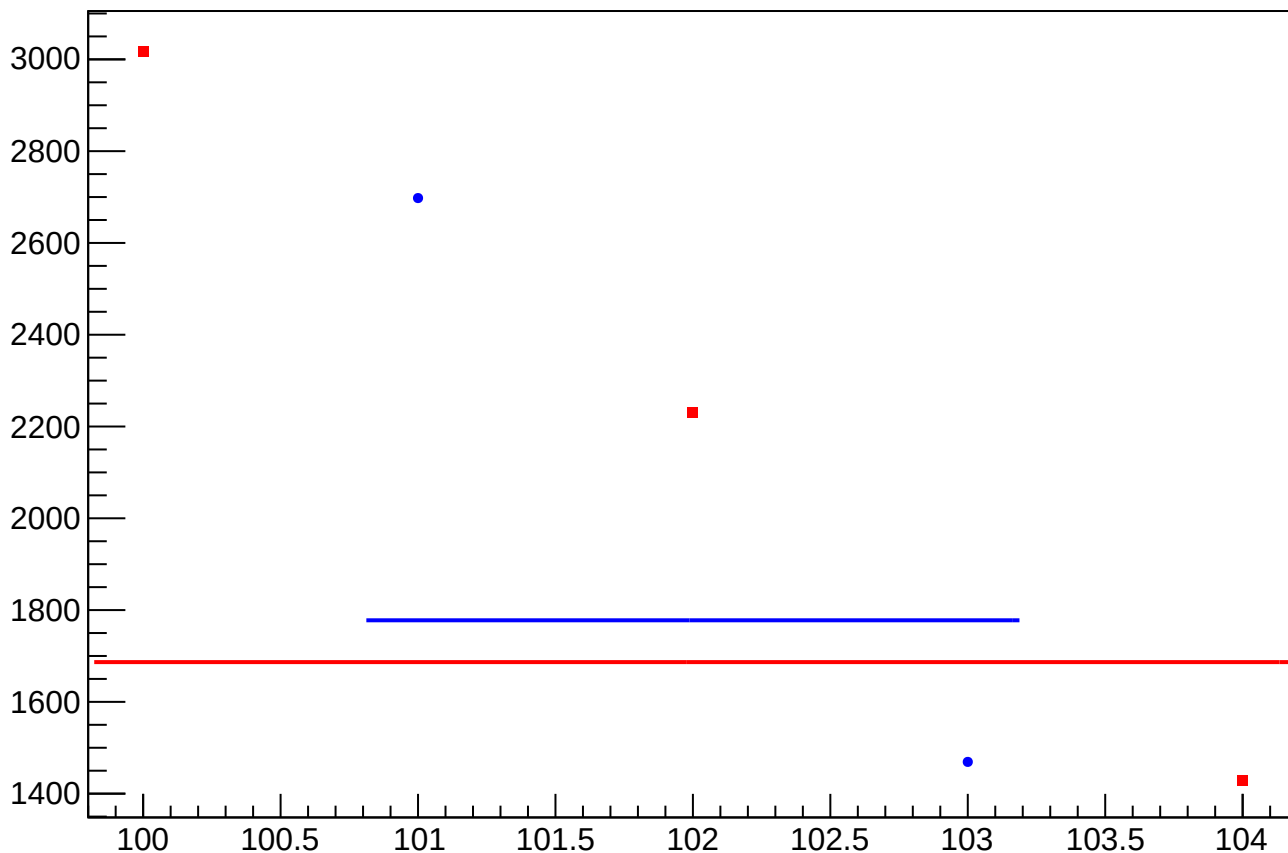
Right: 589.018+/-1181.319 χ^2/NDF : 6.8/4

In: -761.014+/-1671.487 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.018+/-1181.319 χ^2/NDF : 6.8/4

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: 1686.643+/-1.181 χ^2/NDF : 120113.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

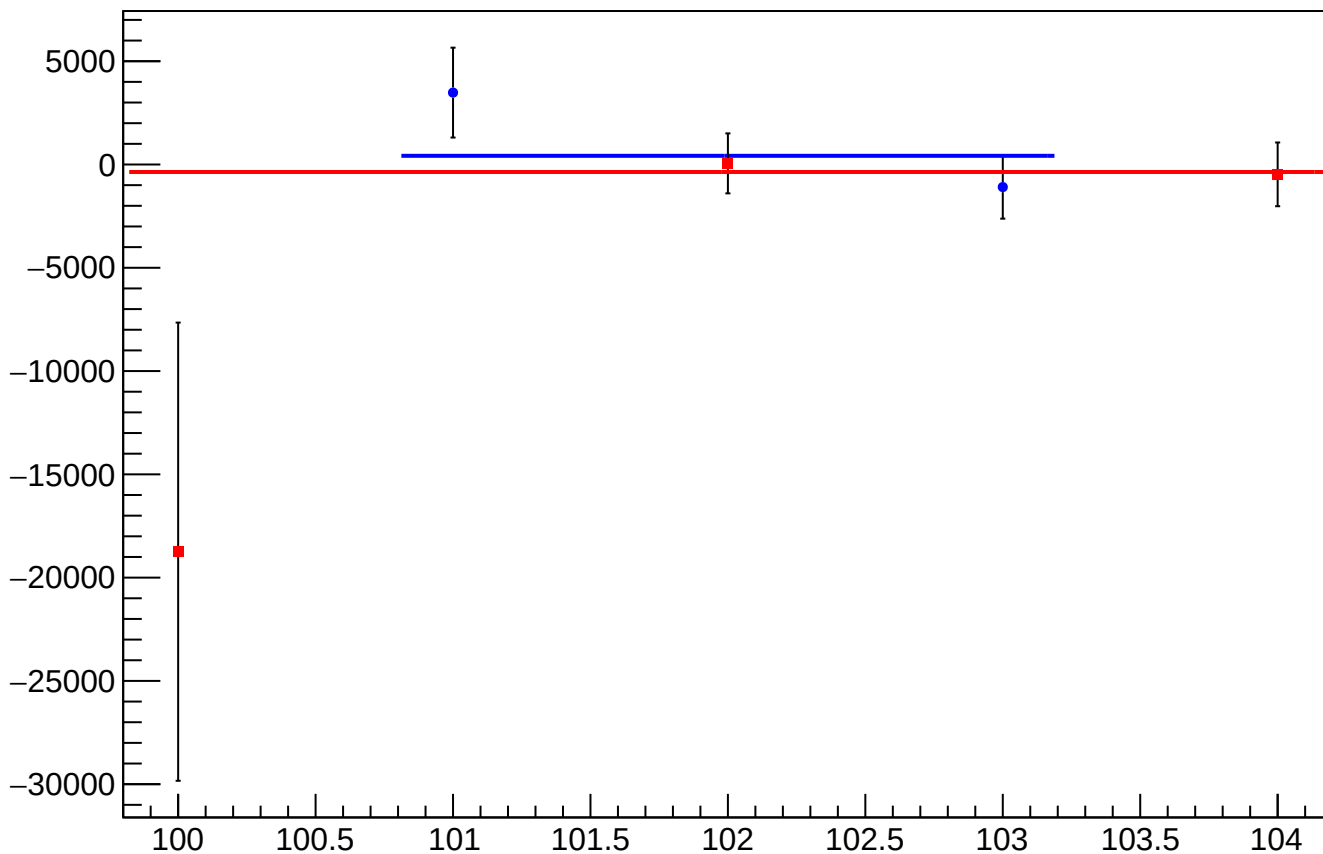
Right: 1732.146+/-0.835 χ^2/NDF : 326296.9/4

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.146+/-0.835 χ^2/NDF : 326296.9/4

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: -362.424+/-1052.602 χ^2/NDF : 2.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

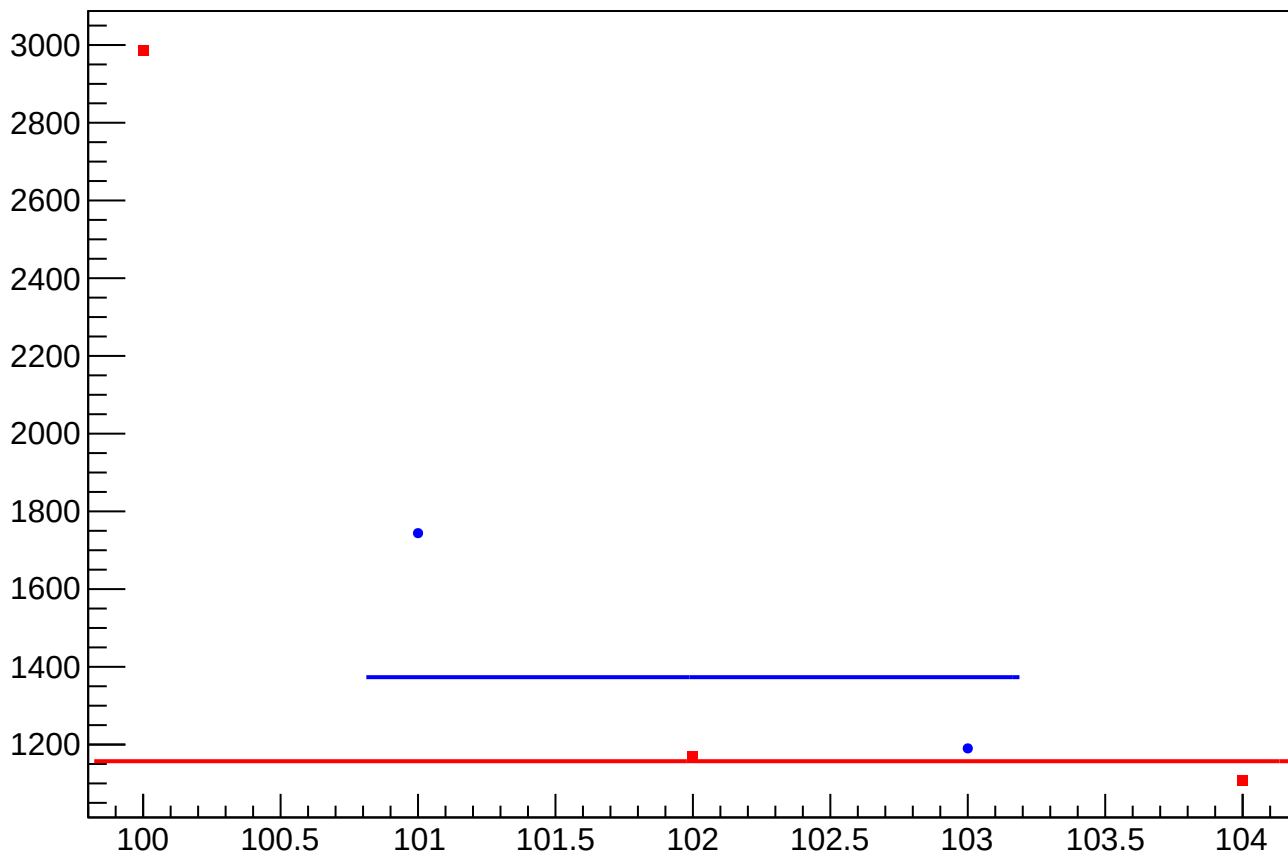
Right: -38.007+/-805.532 χ^2/NDF : 6.0/4

In: 420.528+/-1251.406 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.007+/-805.532 χ^2/NDF : 6.0/4

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: 1157.154+/-0.744 χ^2/NDF : 56528.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

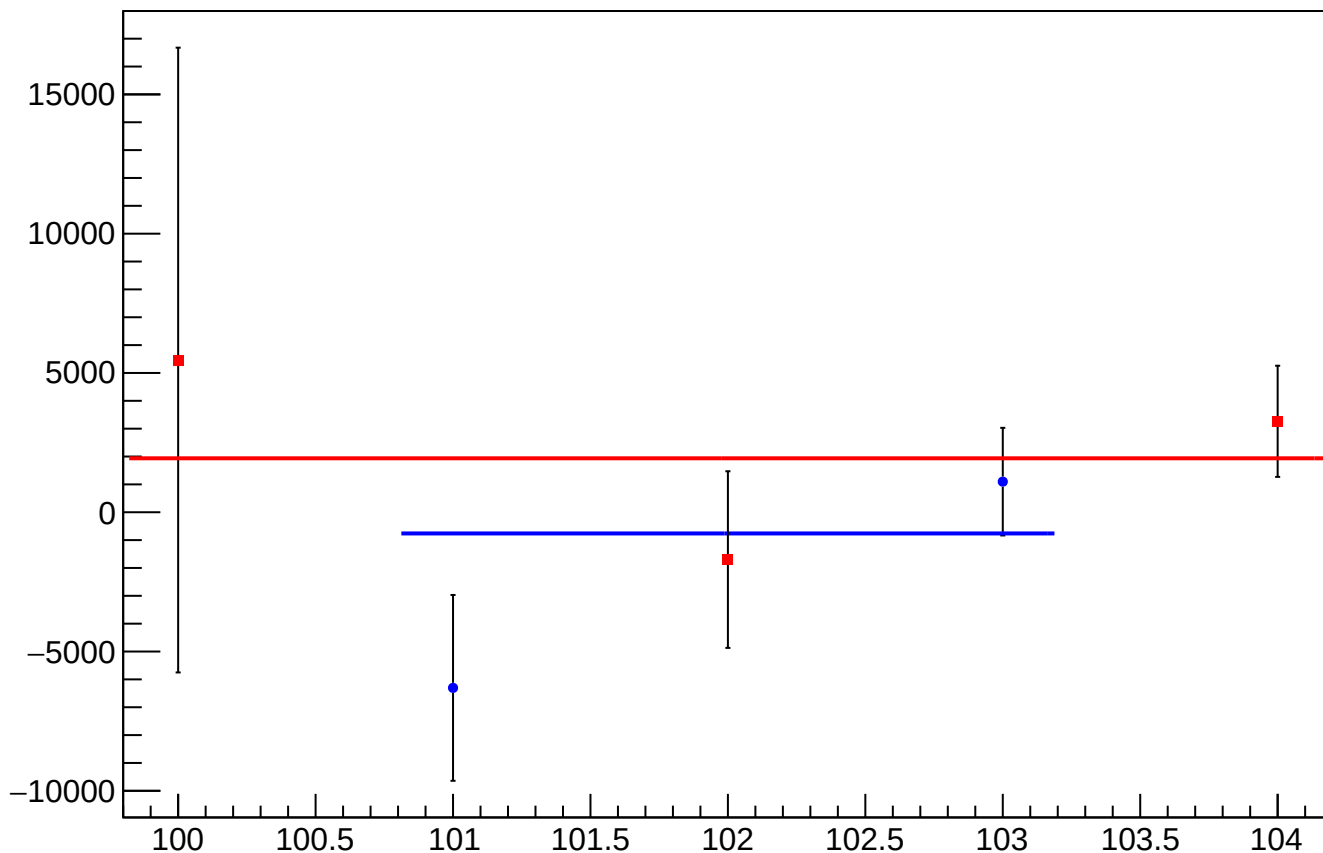
Right: 1246.750+/-0.570 χ^2/NDF : 178221.9/4

In: 1373.386+/-0.885 χ^2/NDF : 86721.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.750+/-0.570 χ^2/NDF : 178221.9/4

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: 1936.308+/-1669.790 χ^2/NDF : 1.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

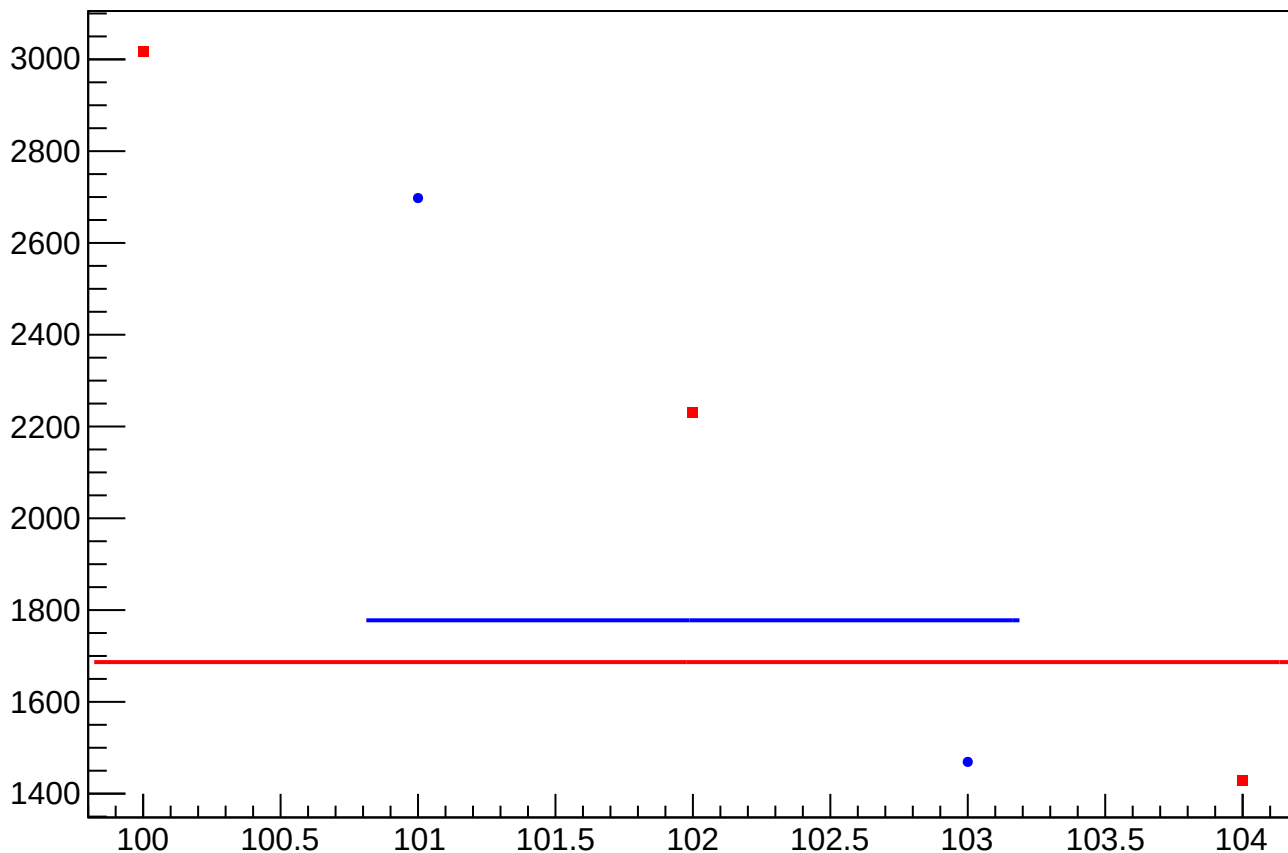
Right: 589.012+/-1181.319 χ^2/NDF : 6.8/4

In: -761.025+/-1671.487 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 589.012+/-1181.319 χ^2/NDF : 6.8/4

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: 1686.643+/-1.181 χ^2/NDF : 120113.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

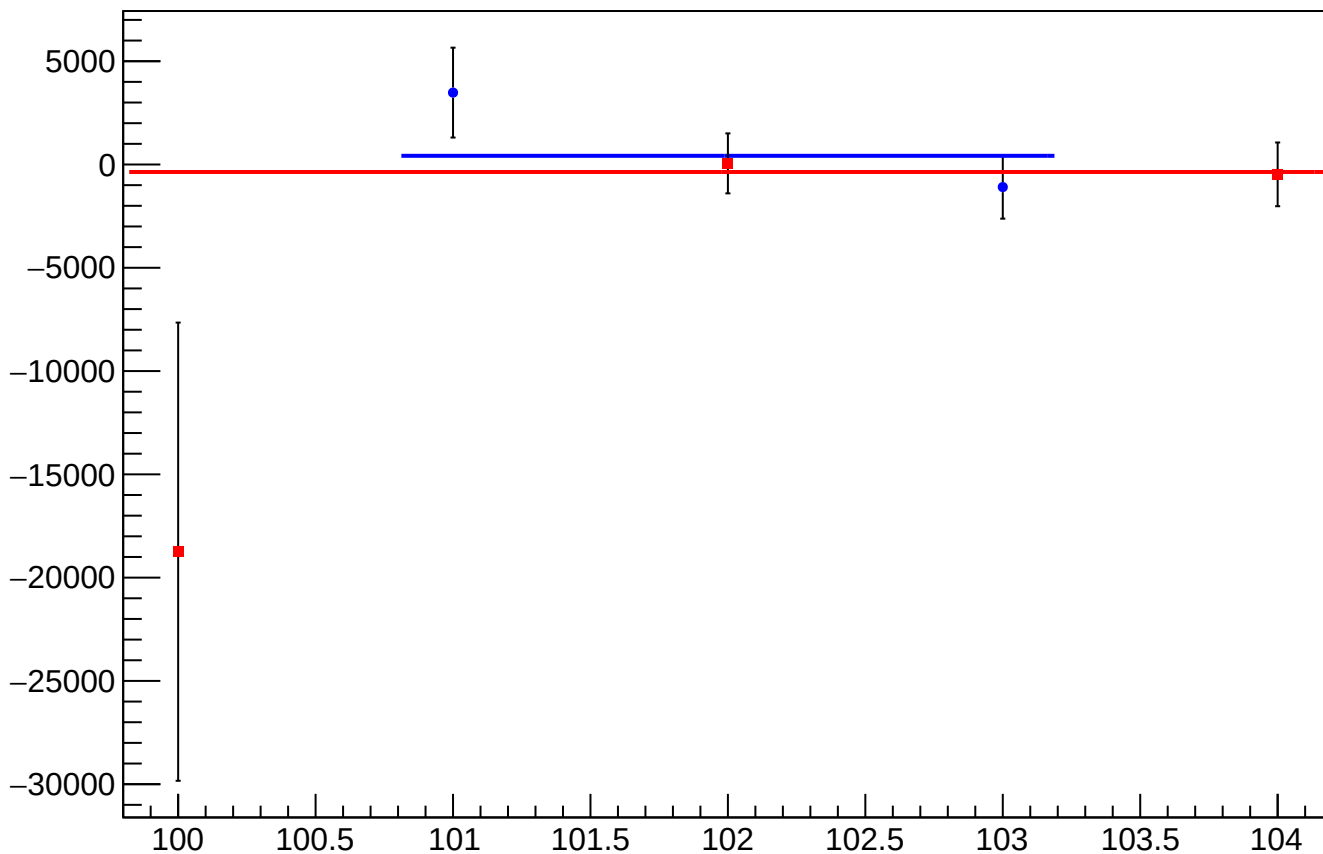
Right: 1732.146+/-0.835 χ^2/NDF : 326297.0/4

In: 1777.742+/-1.182 χ^2/NDF : 203210.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.146+/-0.835 χ^2/NDF : 326297.0/4

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: -362.427+/-1052.604 χ^2/NDF : 2.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

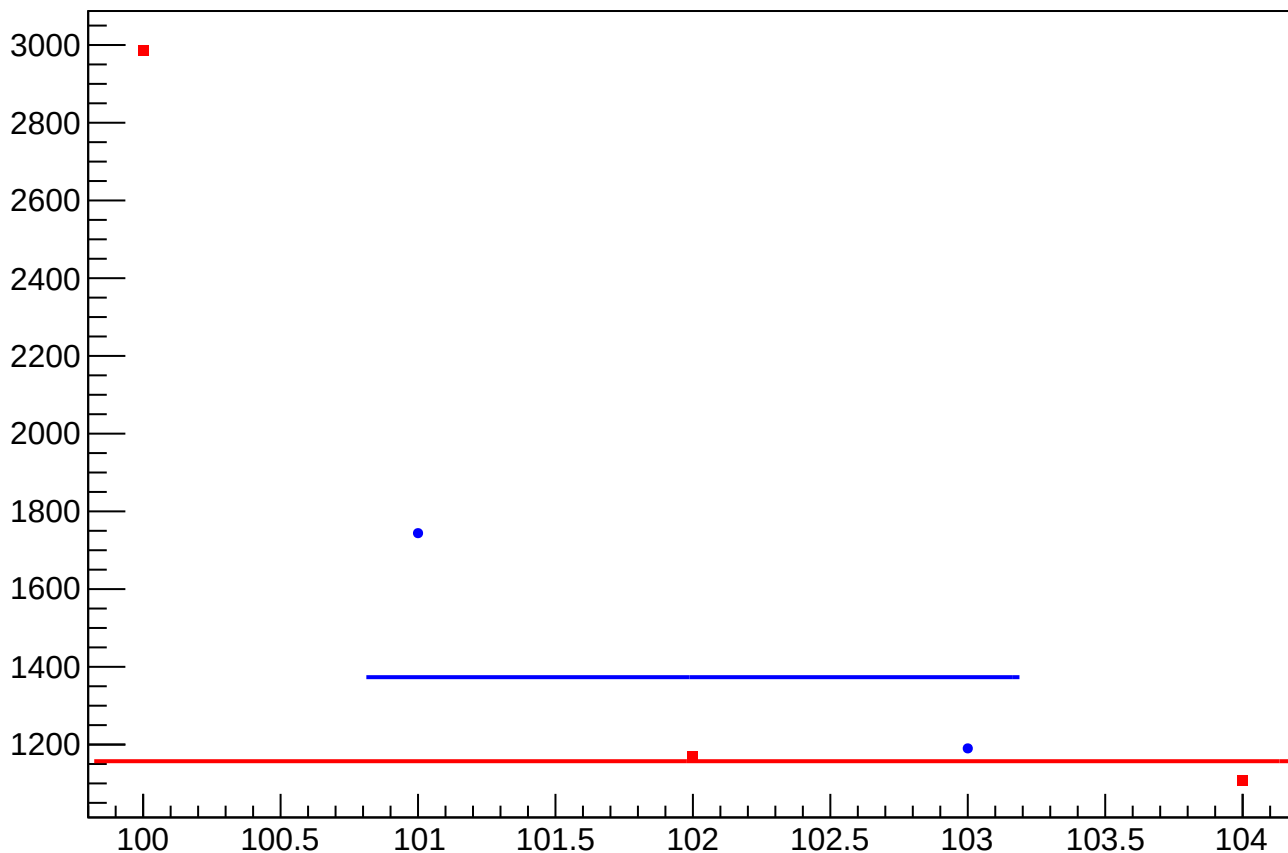
Right: -38.004+/-805.532 χ^2/NDF : 6.0/4

In: 420.537+/-1251.405 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.004+/-805.532 χ^2/NDF : 6.0/4

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1373.386+/-0.885 χ^2/NDF : 86718.4/1

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

Right Out: 1157.156+/-0.744 χ^2/NDF : 56528.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

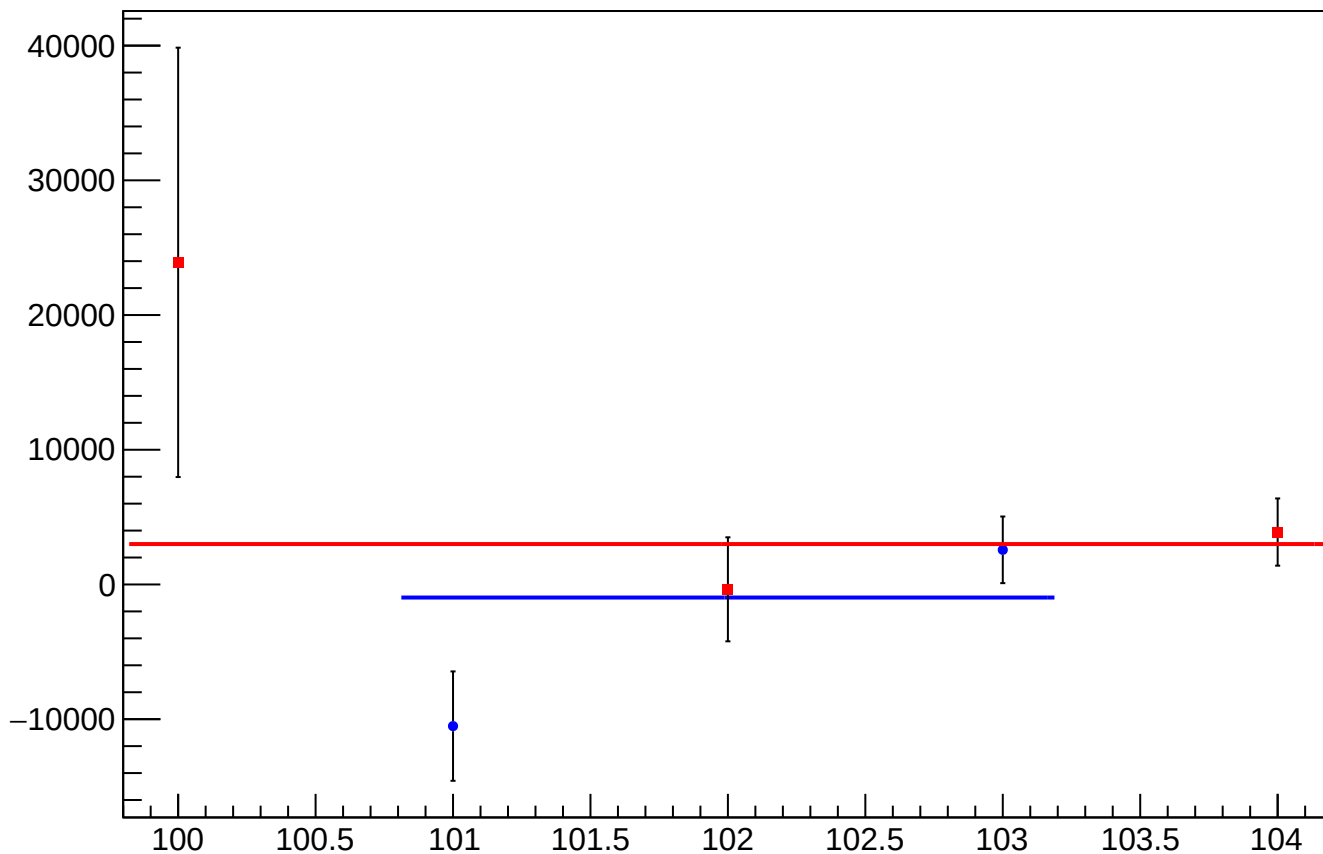
Right: 1246.752+/-0.570 χ^2/NDF : 178217.2/4

In: 1373.386+/-0.885 χ^2/NDF : 86718.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.752+/-0.570 χ^2/NDF : 178217.2/4

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: 3000.237+/-2077.622 χ^2/NDF : 2.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

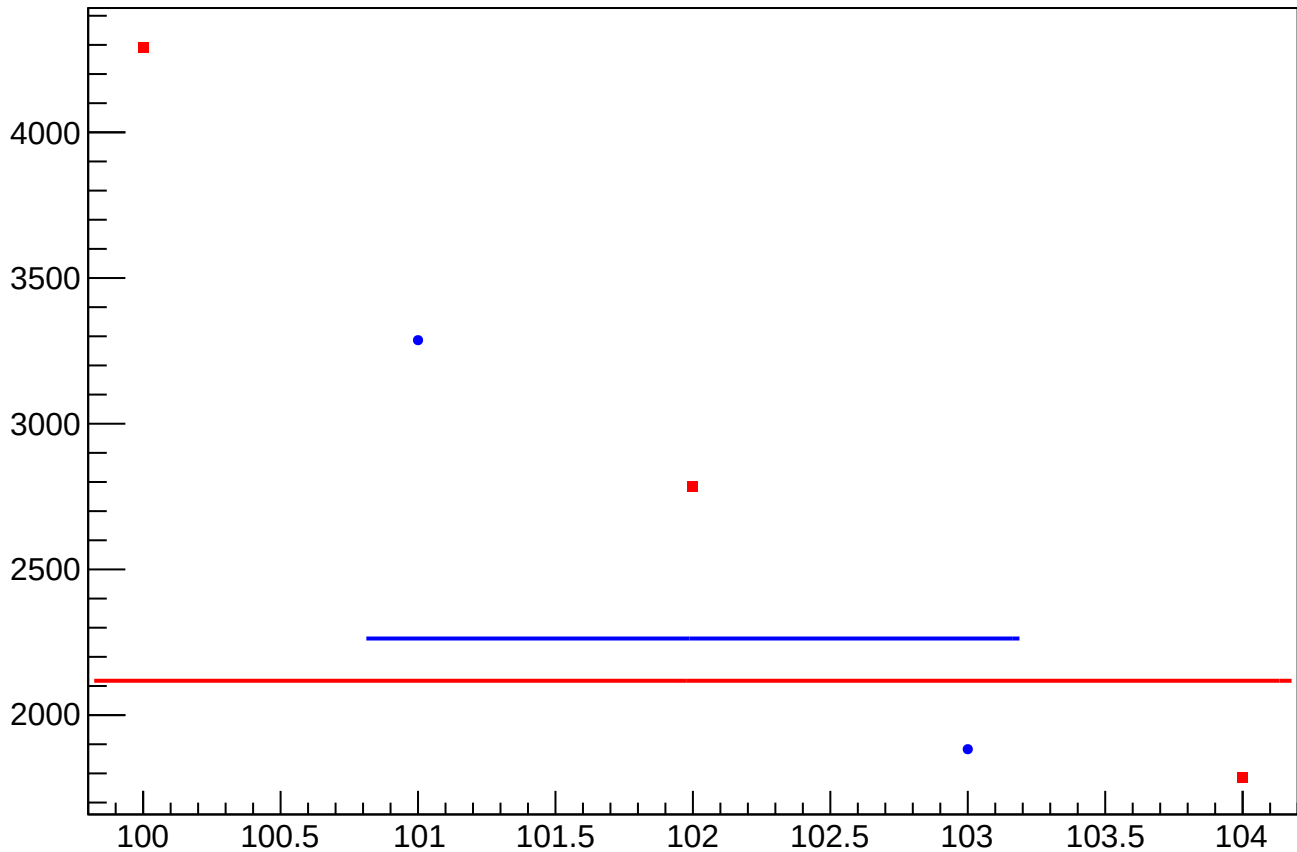
Right: 1047.727+/-1481.092 χ^2/NDF : 12.0/4

In: -969.857+/-2111.960 χ^2/NDF : 7.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.727+/-1481.092 χ^2/NDF : 12.0/4

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: 2117.923+/-1.469 χ^2/NDF : 131858.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

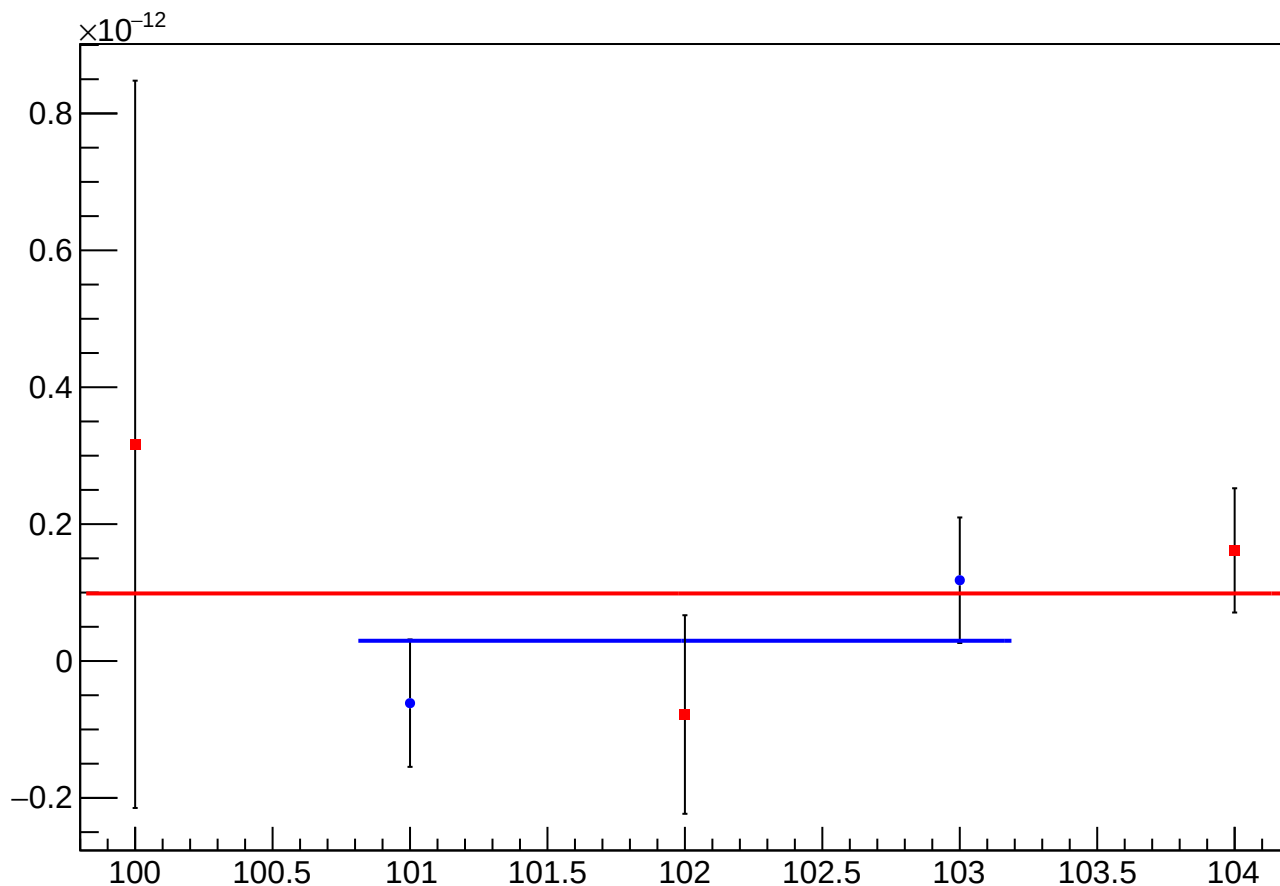
Right: 2189.233+/-1.047 χ^2/NDF : 311003.6/4

In: 2262.919+/-1.493 χ^2/NDF : 174354.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2189.233+/-1.047 χ^2/NDF : 311003.6/4

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 : 2.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

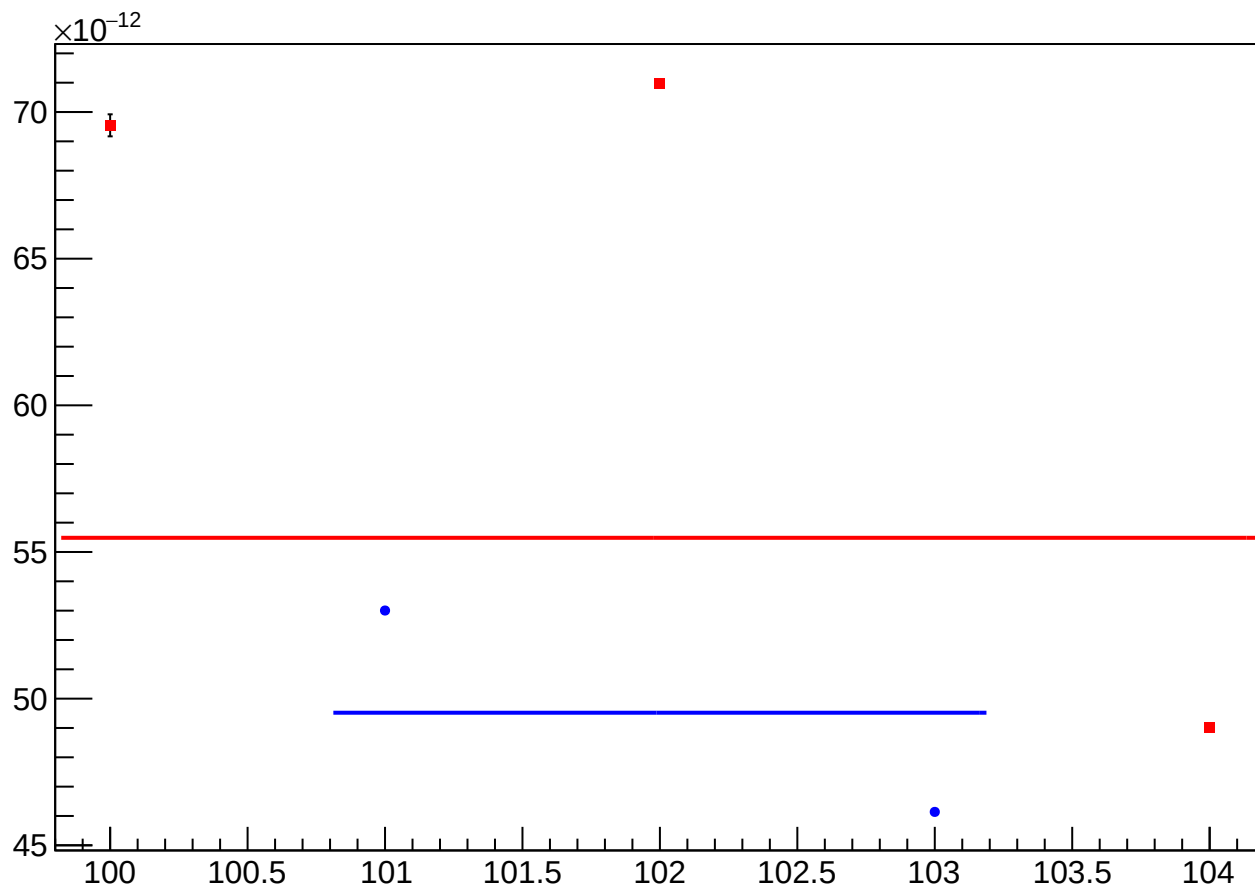
Right: 0.000+/-0.000 χ^2/NDF : 4.5/4

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 : 4.5/4

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5522.3/1

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

Right Out: 0.000+/-0.000 χ^2/NDF : 34357.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

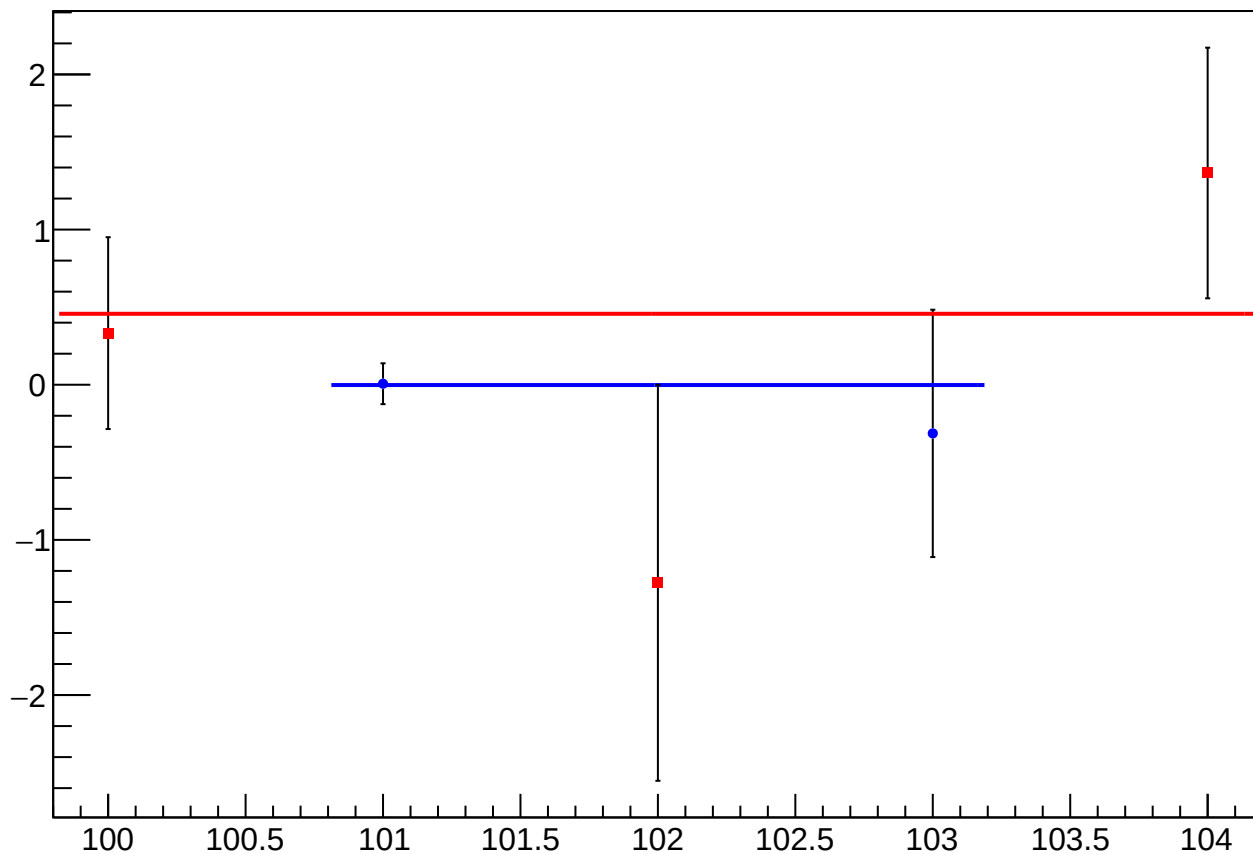
Right: 0.000+/-0.000 χ^2/NDF : 46946.4/4

In: 0.000+/-0.000 χ^2/NDF : 5522.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46946.4/4

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: 0.457 $\pm$ 0.458 χ^2 /NDF: 3.1/2

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

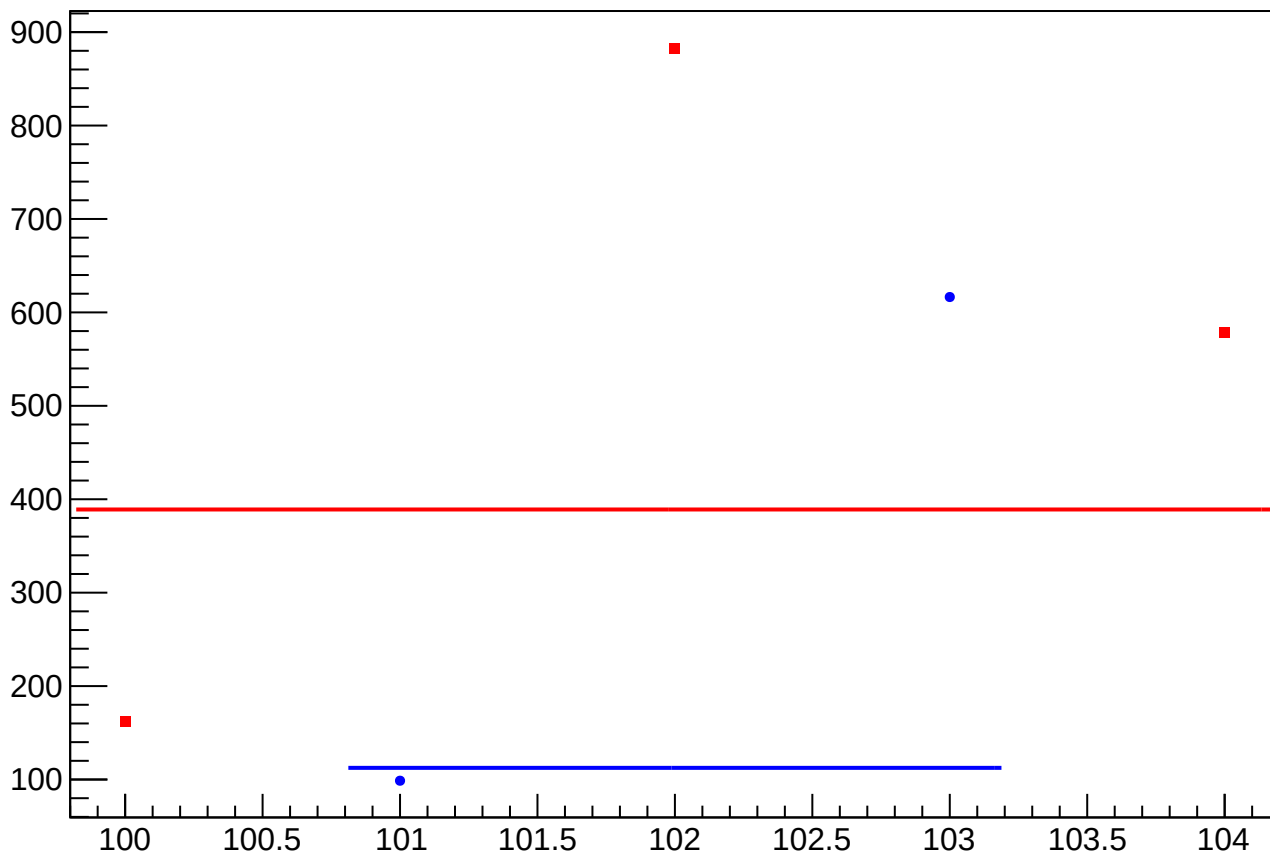
Right: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

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: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

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: 389.035+/-0.324 χ^2/NDF : 679040.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

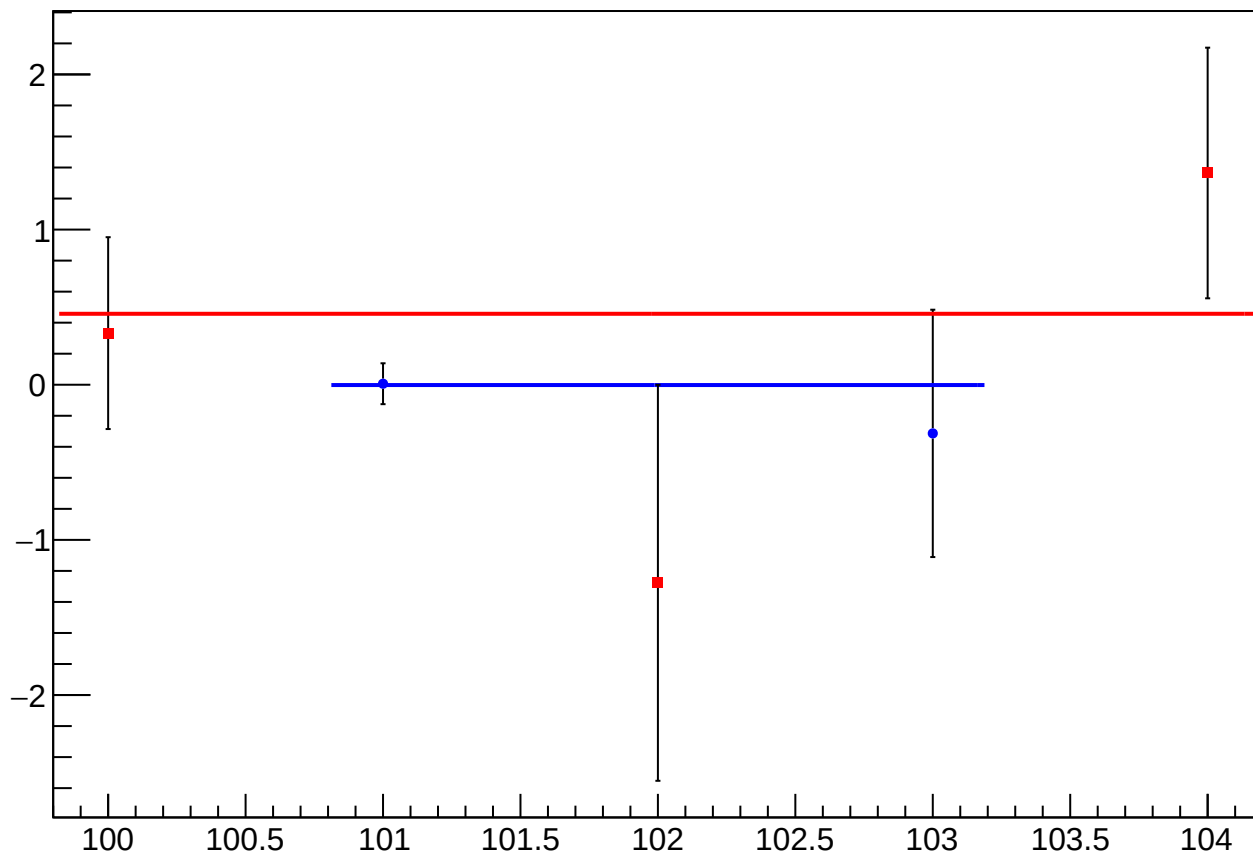
Right: 133.081+/-0.088 χ^2/NDF : 2174624.6/4

In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.081+/-0.088 χ^2/NDF : 2174624.6/4

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.130 χ^2/NDF : 0.2/1

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

Right Out: 0.457+/-0.458 χ^2/NDF : 3.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

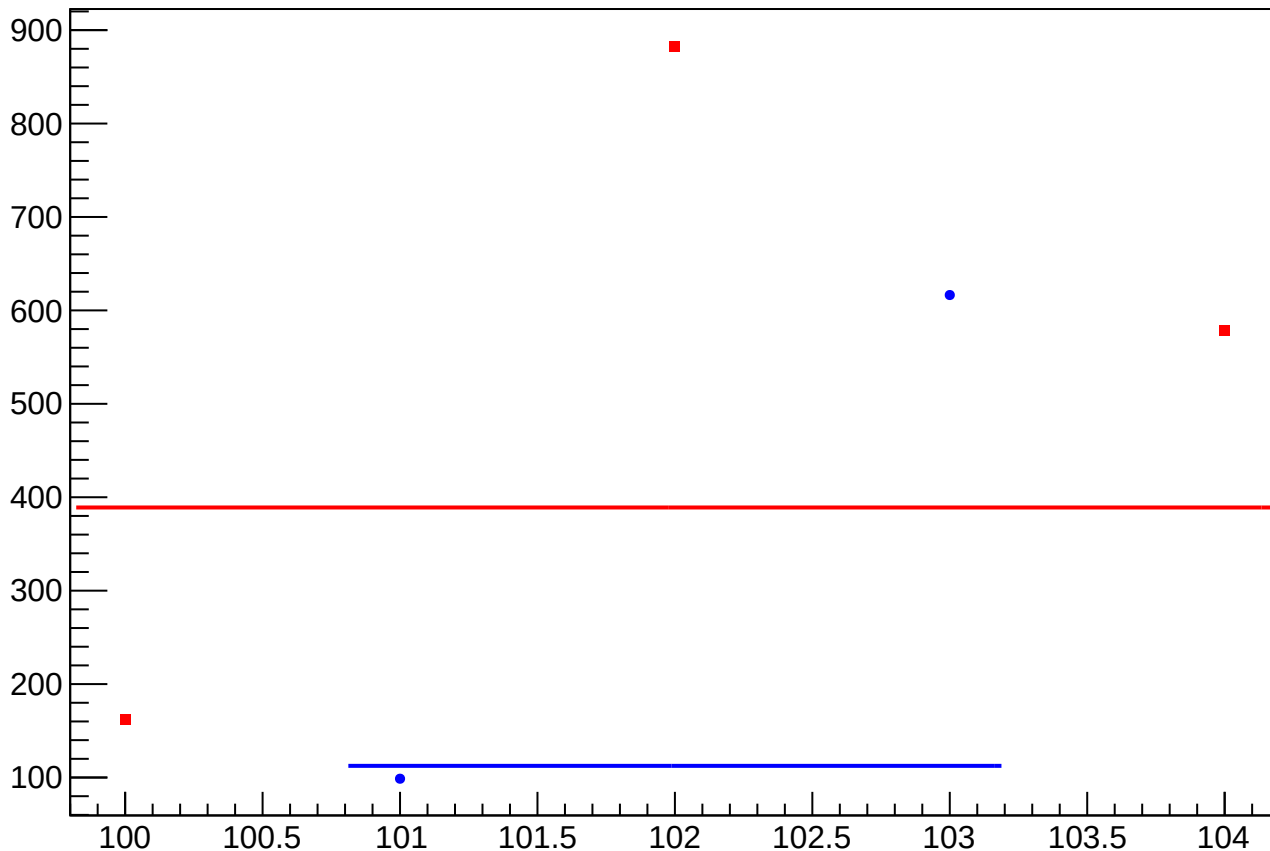
Right: 0.032+/-0.125 χ^2/NDF : 4.2/4

In: -0.002+/-0.130 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.125 χ^2/NDF : 4.2/4

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: 389.035+/-0.324 χ^2/NDF : 679040.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

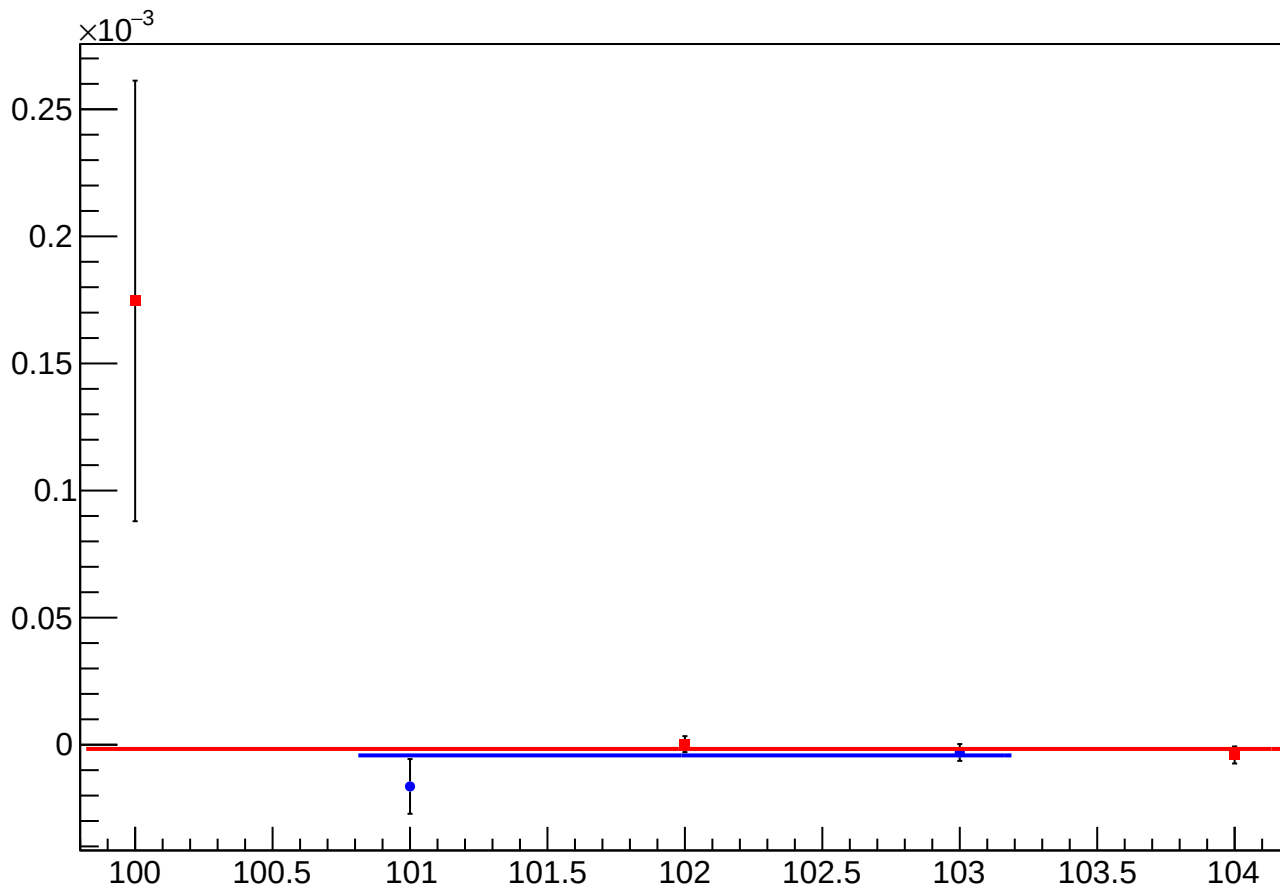
Right: 133.081+/-0.088 χ^2/NDF : 2174624.6/4

In: 112.485+/-0.092 χ^2/NDF : 821311.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.081+/-0.088 χ^2/NDF : 2174624.6/4

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 : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

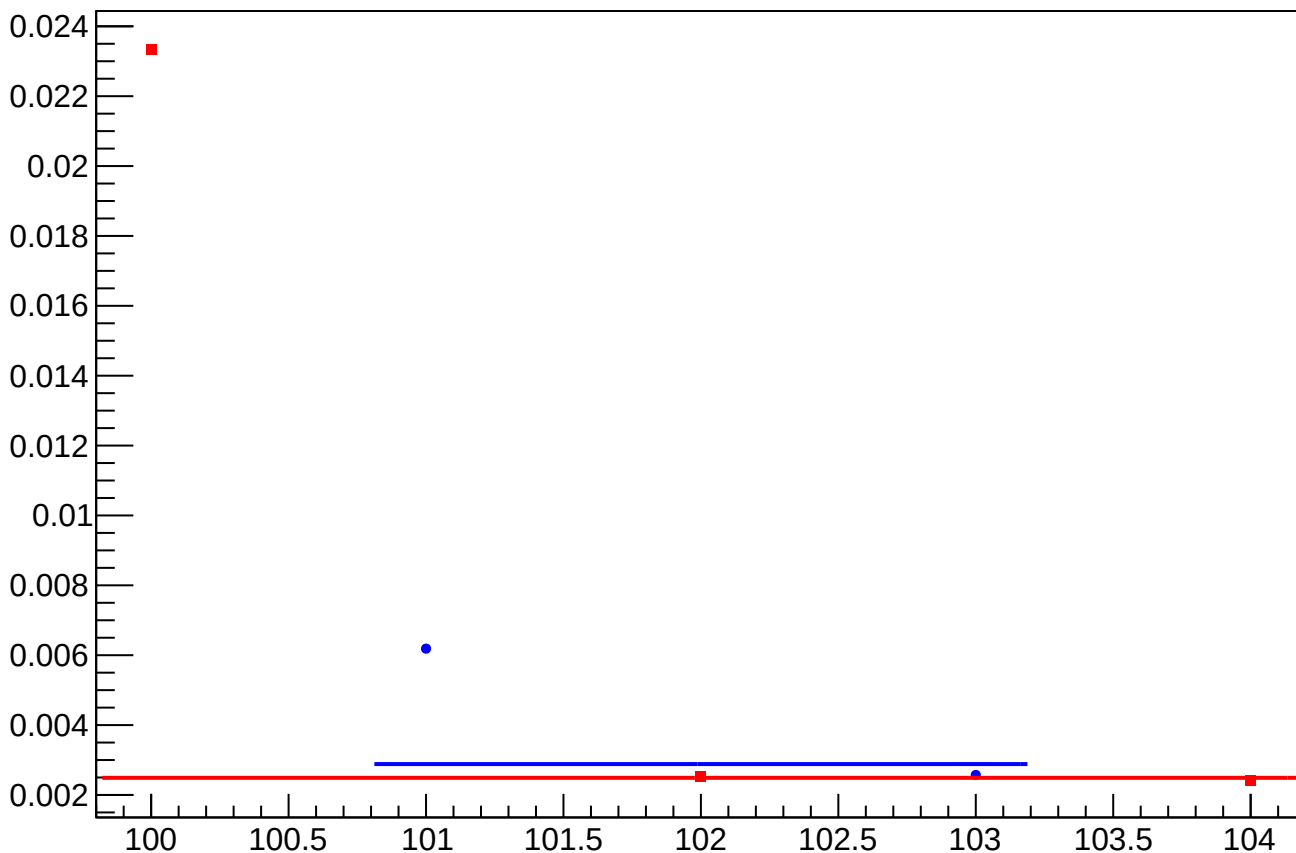
Right: -0.000+/-0.000 χ^2/NDF : 6.8/4

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 : 6.8/4

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 206102.2/1

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

Right Out: 0.002+/-0.000 χ^2/NDF : 117248.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

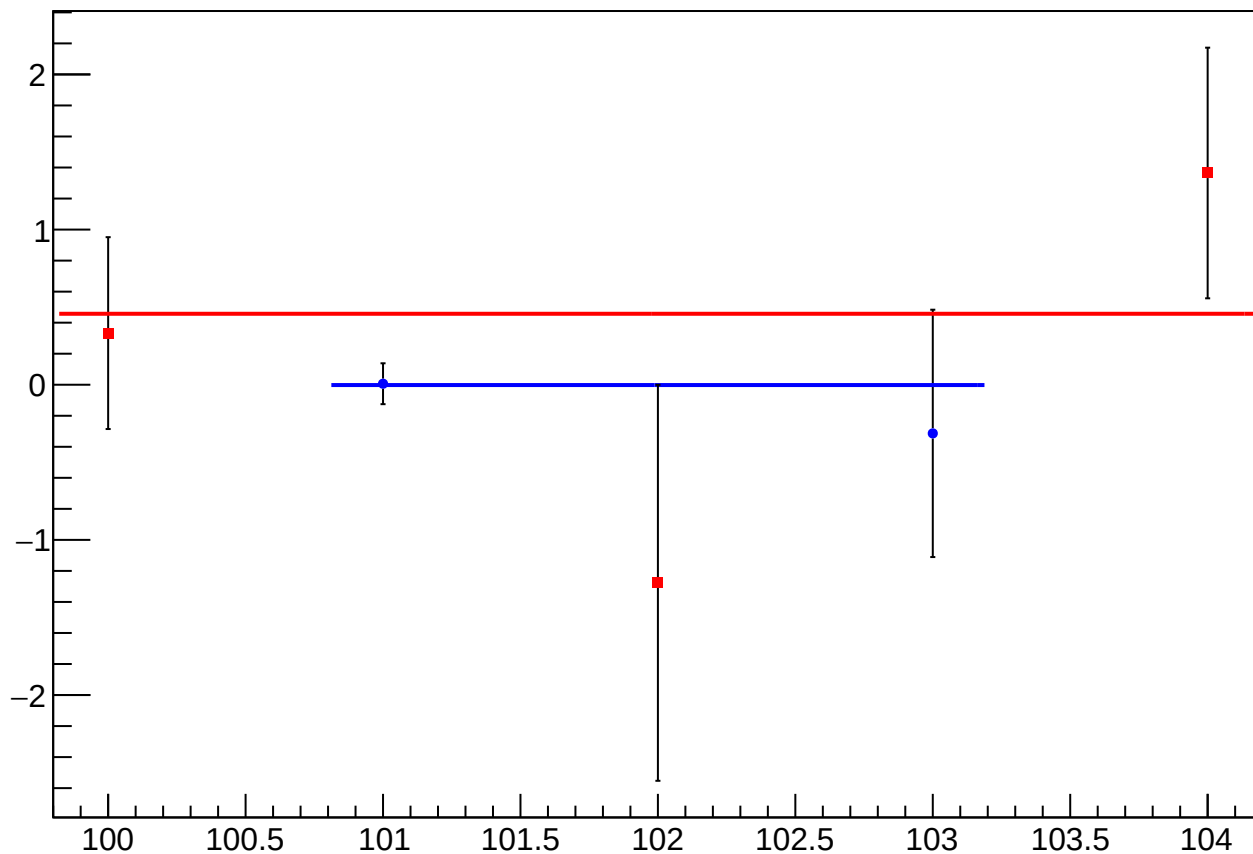
Right: 0.003+/-0.000 χ^2/NDF : 343686.5/4

In: 0.003+/-0.000 χ^2/NDF : 206102.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 343686.5/4

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: 0.457 $\pm$ 0.458 χ^2 /NDF: 3.1/2

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

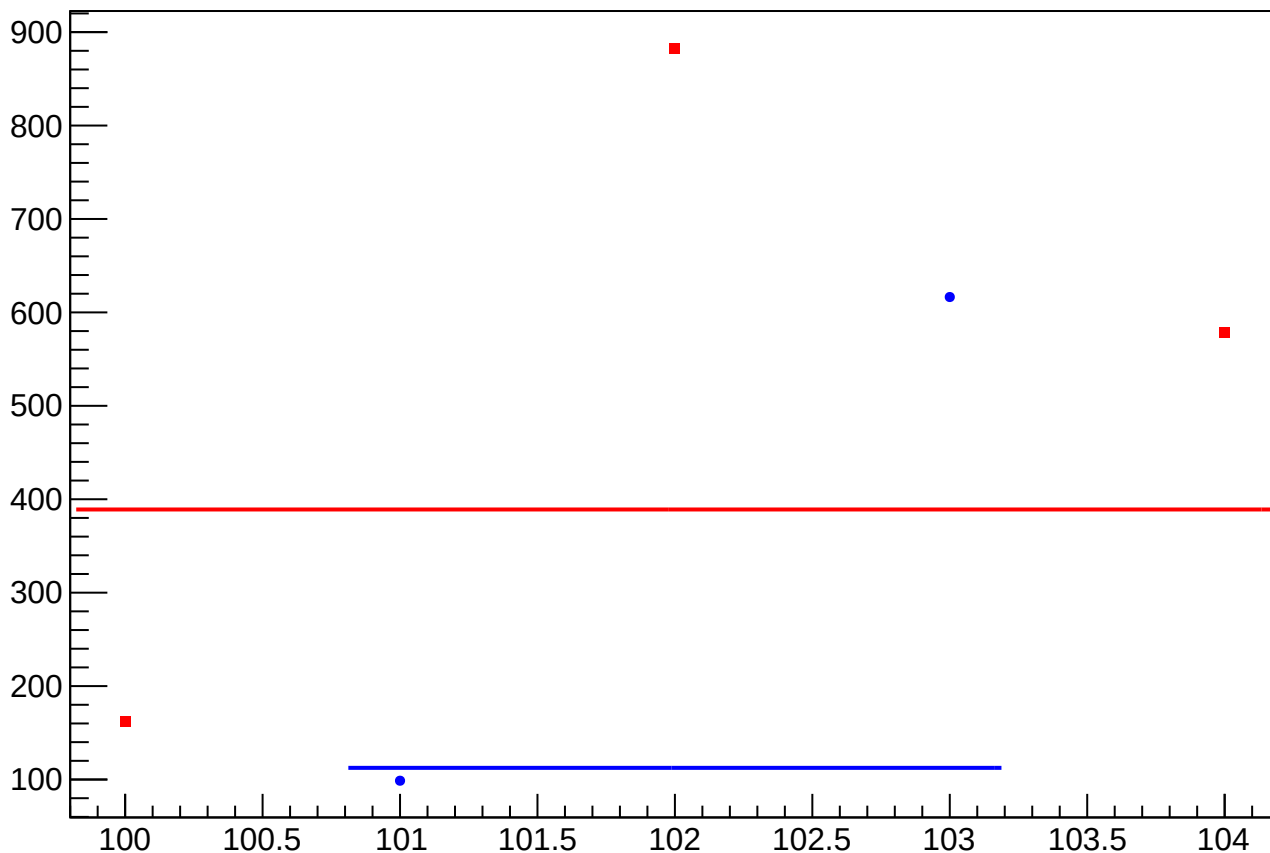
Right: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

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: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

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: 389.041+/-0.324 χ^2/NDF : 679023.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

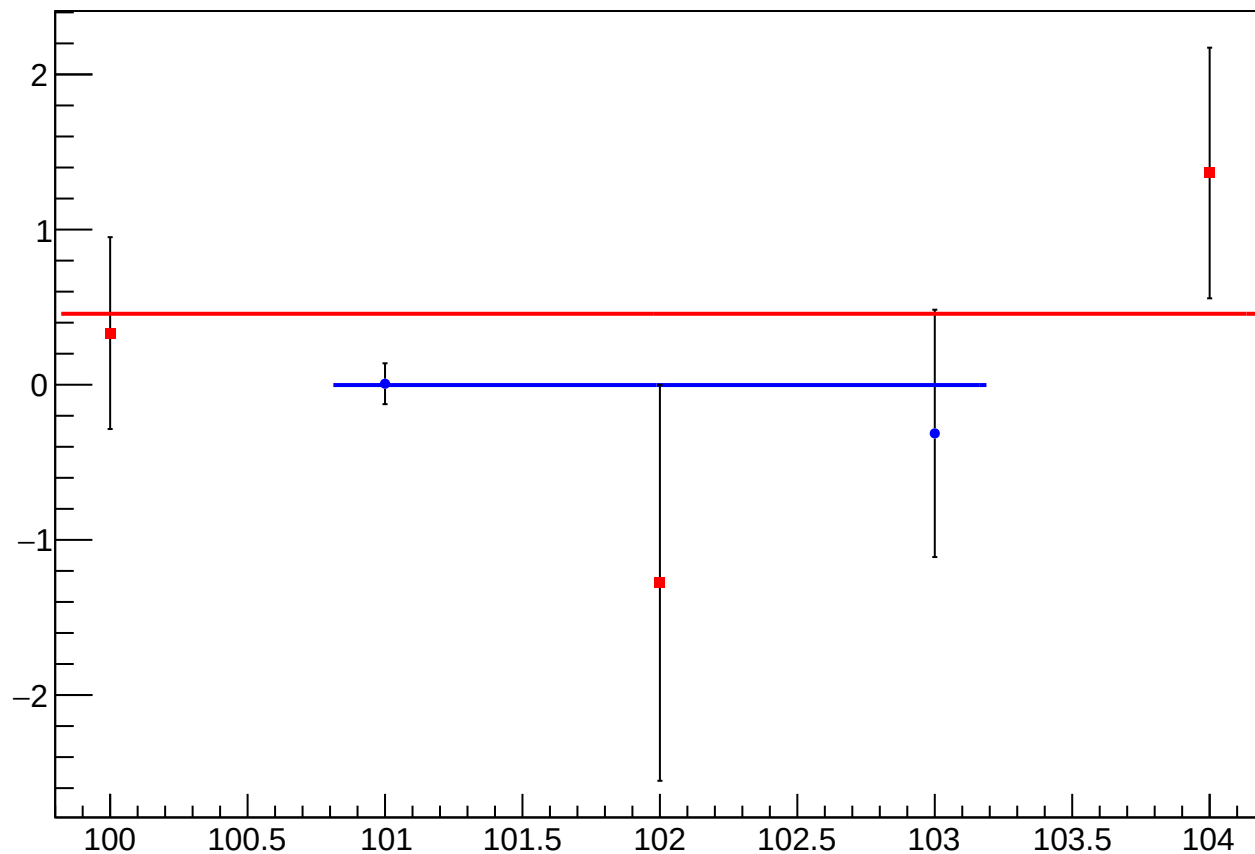
Right: 133.087+/-0.088 χ^2/NDF : 2174579.2/4

In: 112.490+/-0.092 χ^2/NDF : 821295.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.087+/-0.088 χ^2/NDF : 2174579.2/4

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: 0.457 $\pm$ 0.458 χ^2 /NDF: 3.1/2

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

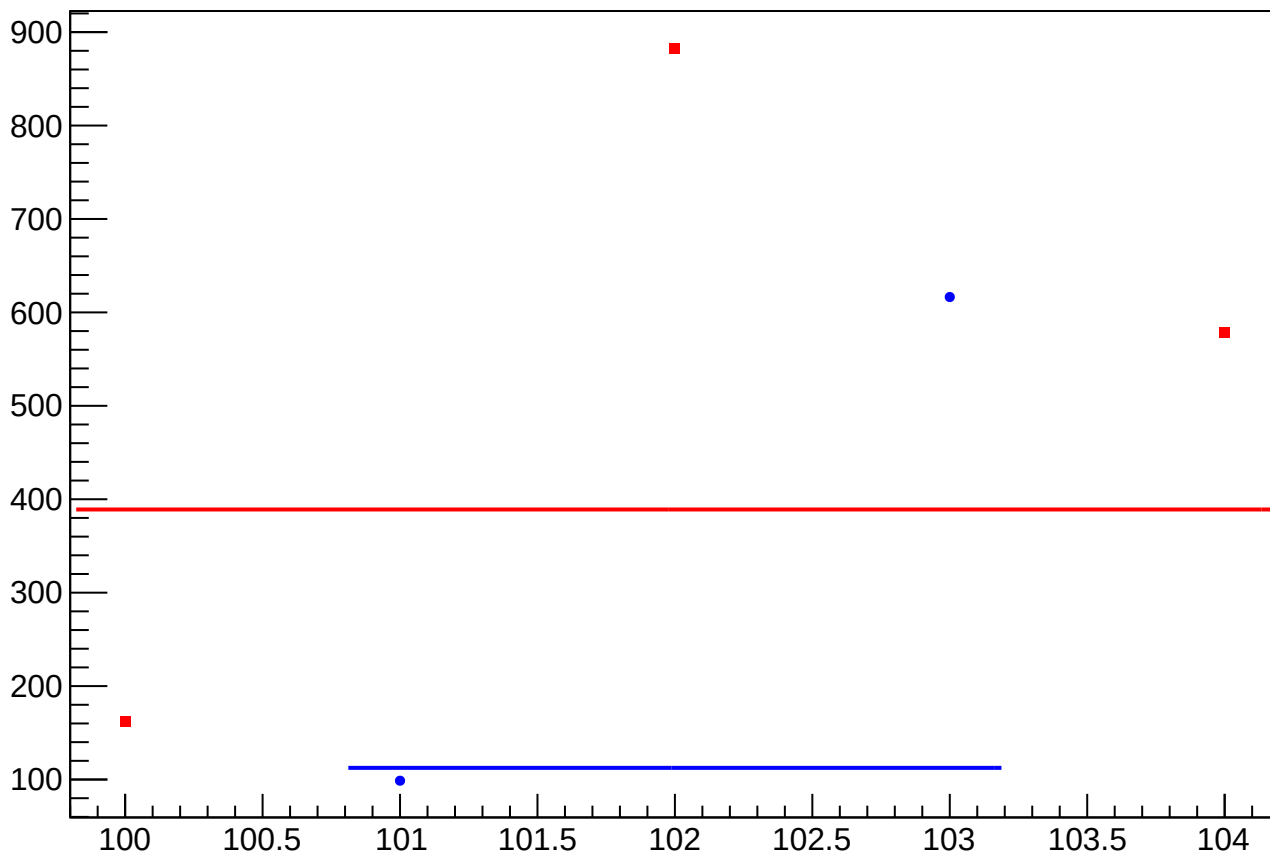
Right: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

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: 0.032 $\pm$ 0.125 χ^2 /NDF: 4.2/4

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.490 $\pm$ 0.092 χ^2 /NDF: 821295.8/1

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

Right Out: 389.041 $\pm$ 0.324 χ^2 /NDF: 679023.7/2

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

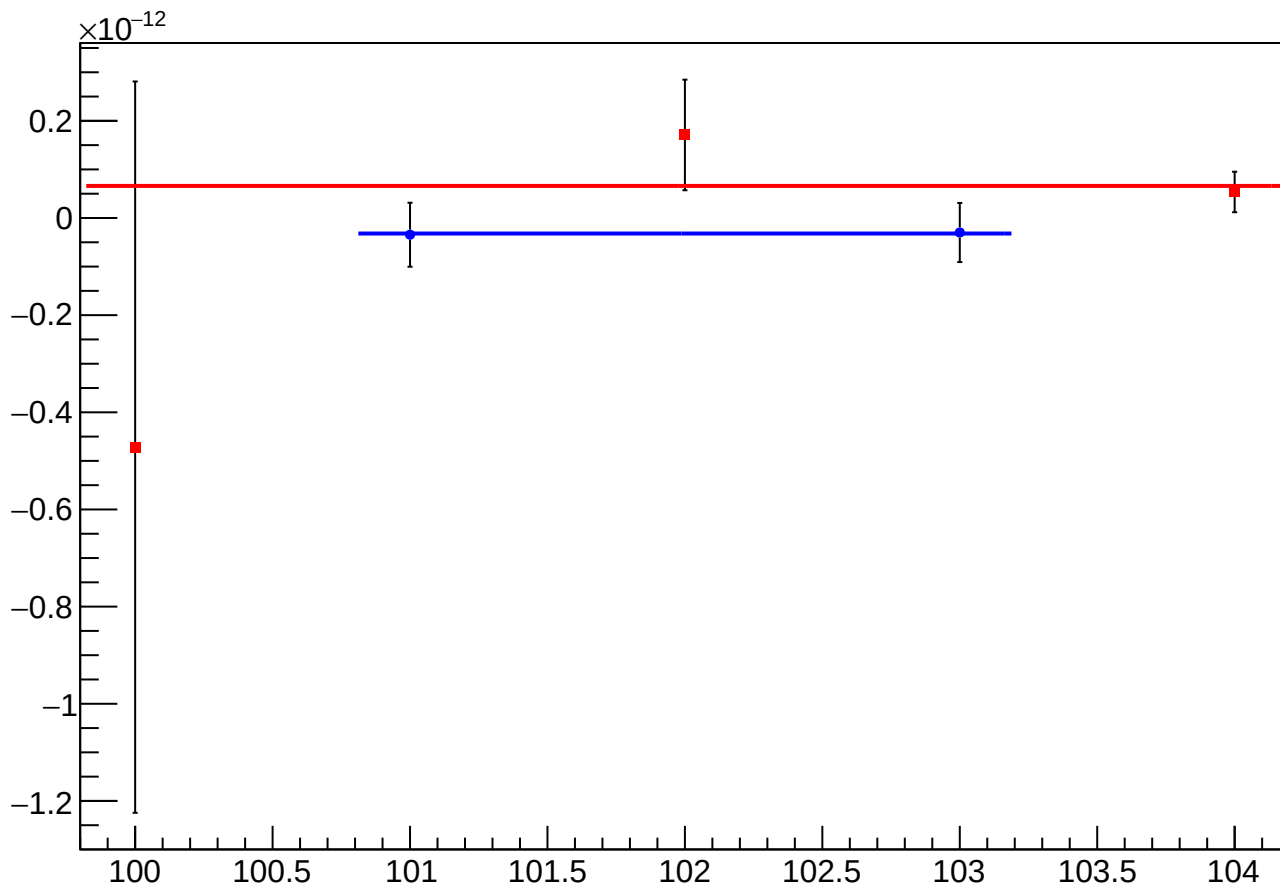
Right: 133.087 $\pm$ 0.088 χ^2 /NDF: 2174579.2/4

In: 112.490 $\pm$ 0.092 χ^2 /NDF:821295.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.087 $\pm$ 0.088 χ^2 /NDF: 2174579.2/4

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: 1.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

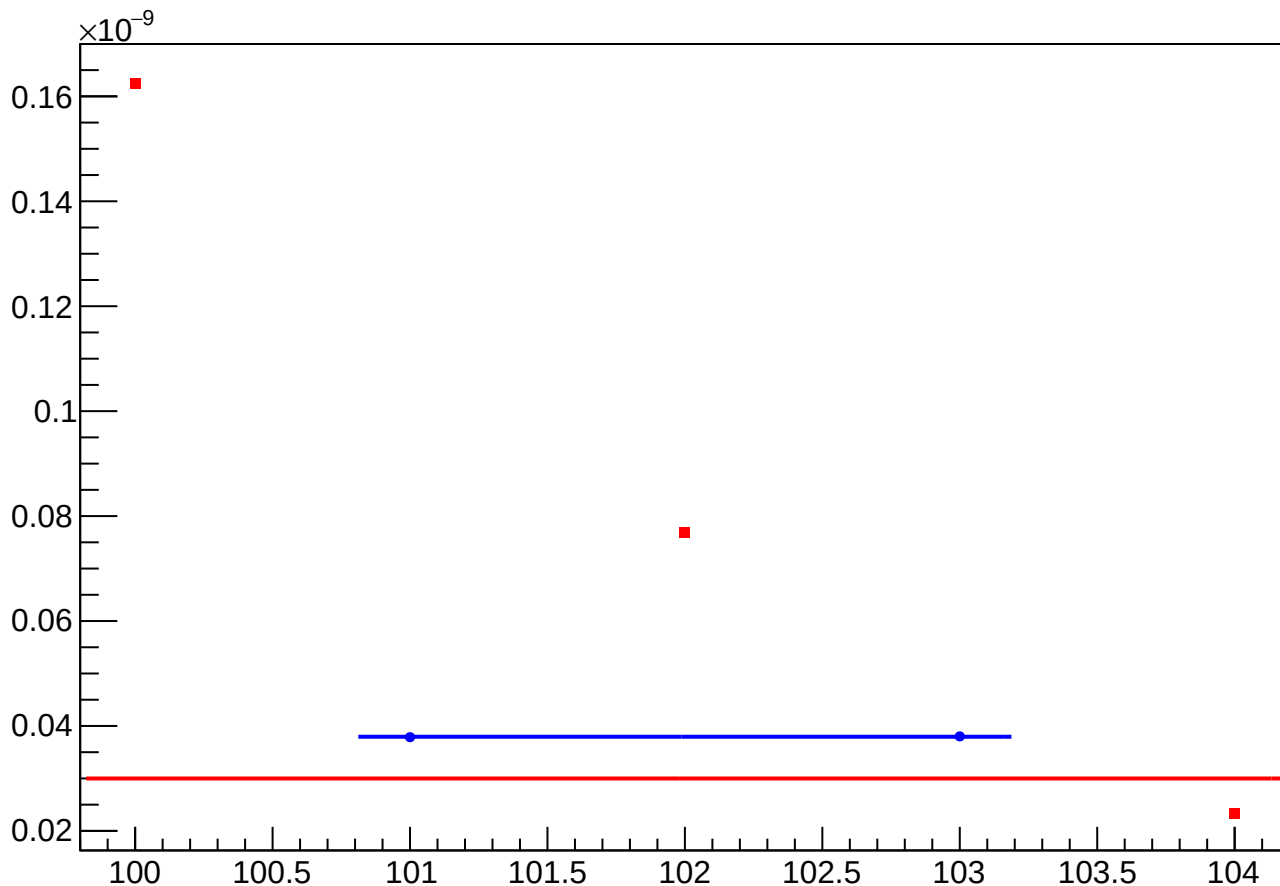
Right: 0.000+/-0.000 χ^2 /NDF: 4.2/4

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: 4.2/4

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 : 452874.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

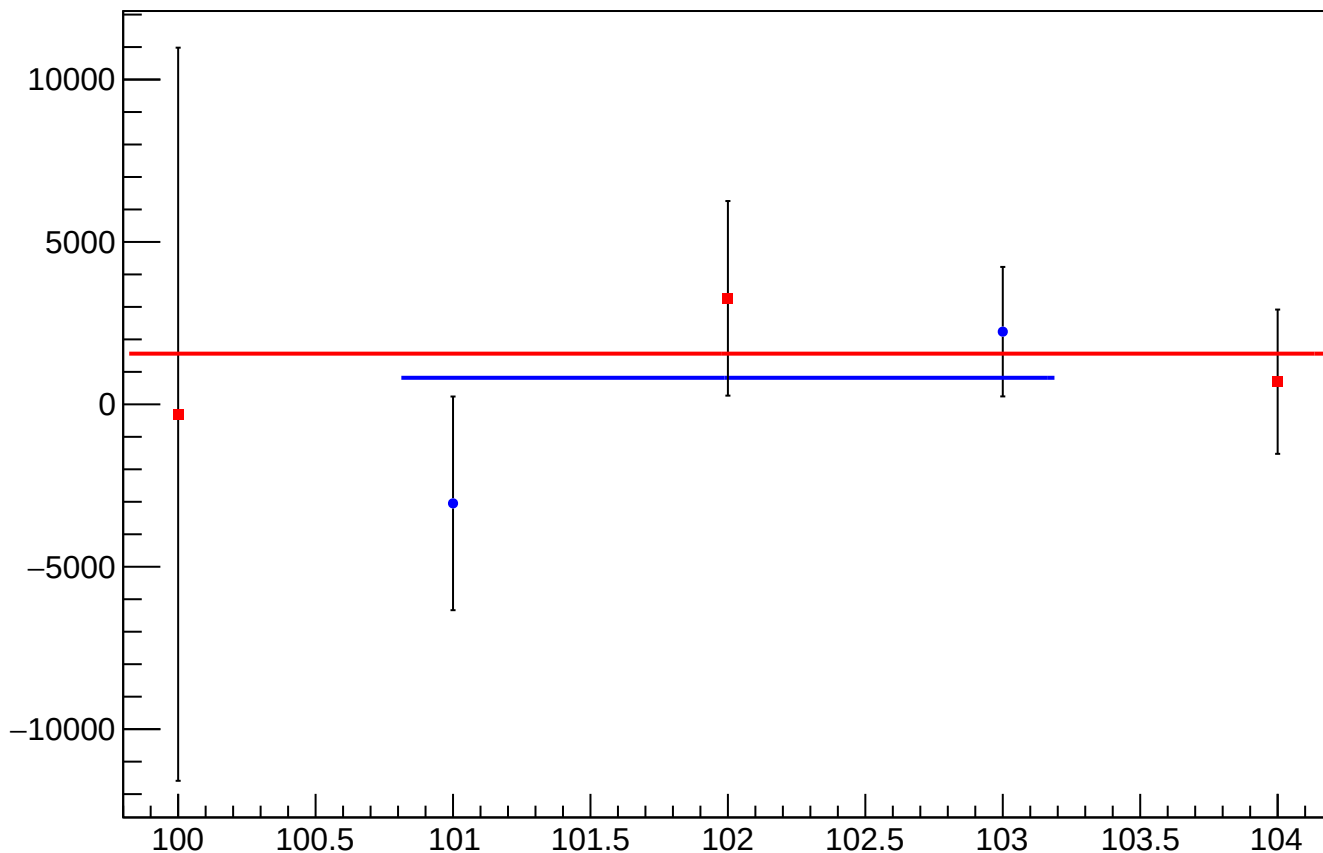
Right: 0.000+/-0.000 χ^2/NDF : 488759.9/4

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 : 488759.9/4

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: 1561.047+/-1762.193 χ^2/NDF : 0.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

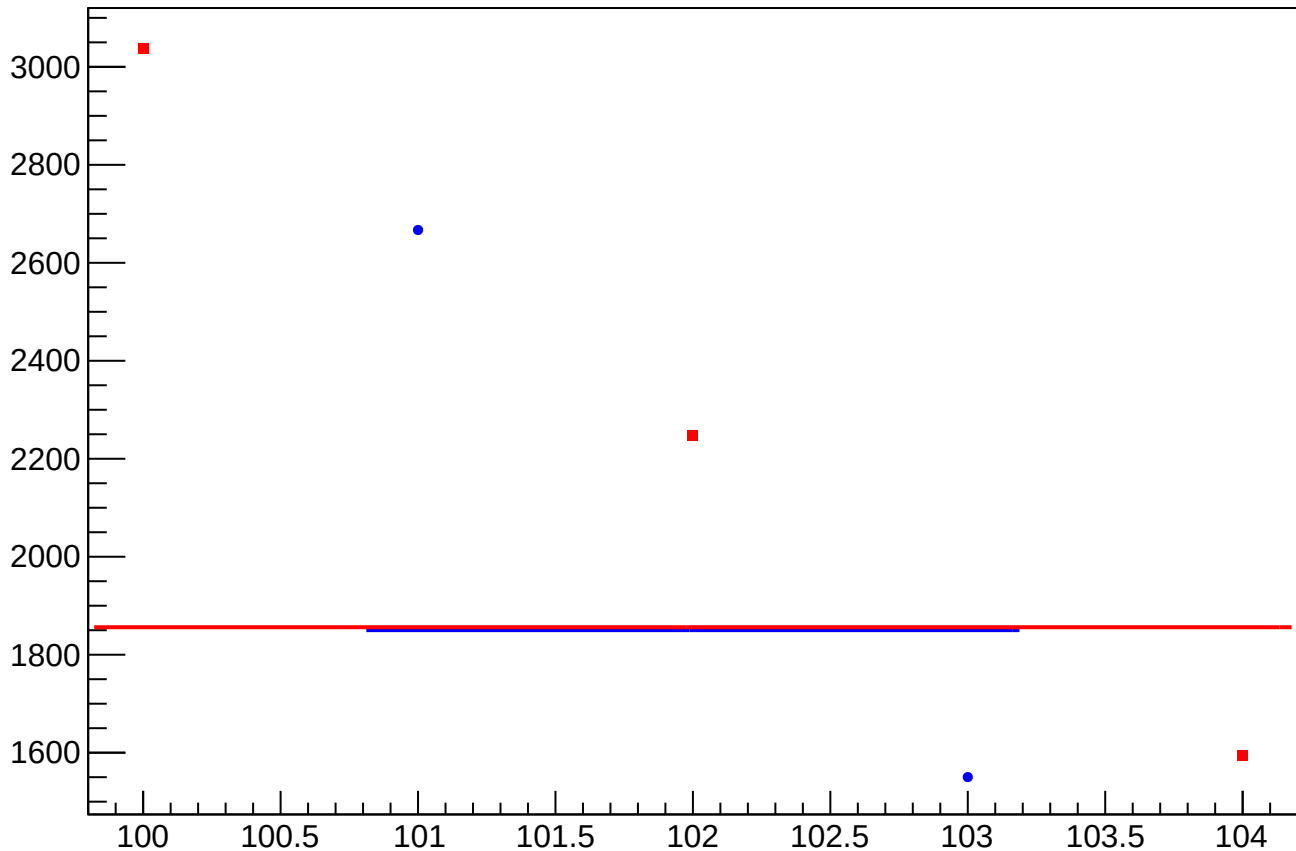
Right: 1177.048+/-1225.241 χ^2/NDF : 2.5/4

In: 817.680+/-1704.741 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1177.048+/-1225.241 χ^2/NDF : 2.5/4

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: 1856.118+/-1.246 χ^2/NDF : 83660.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

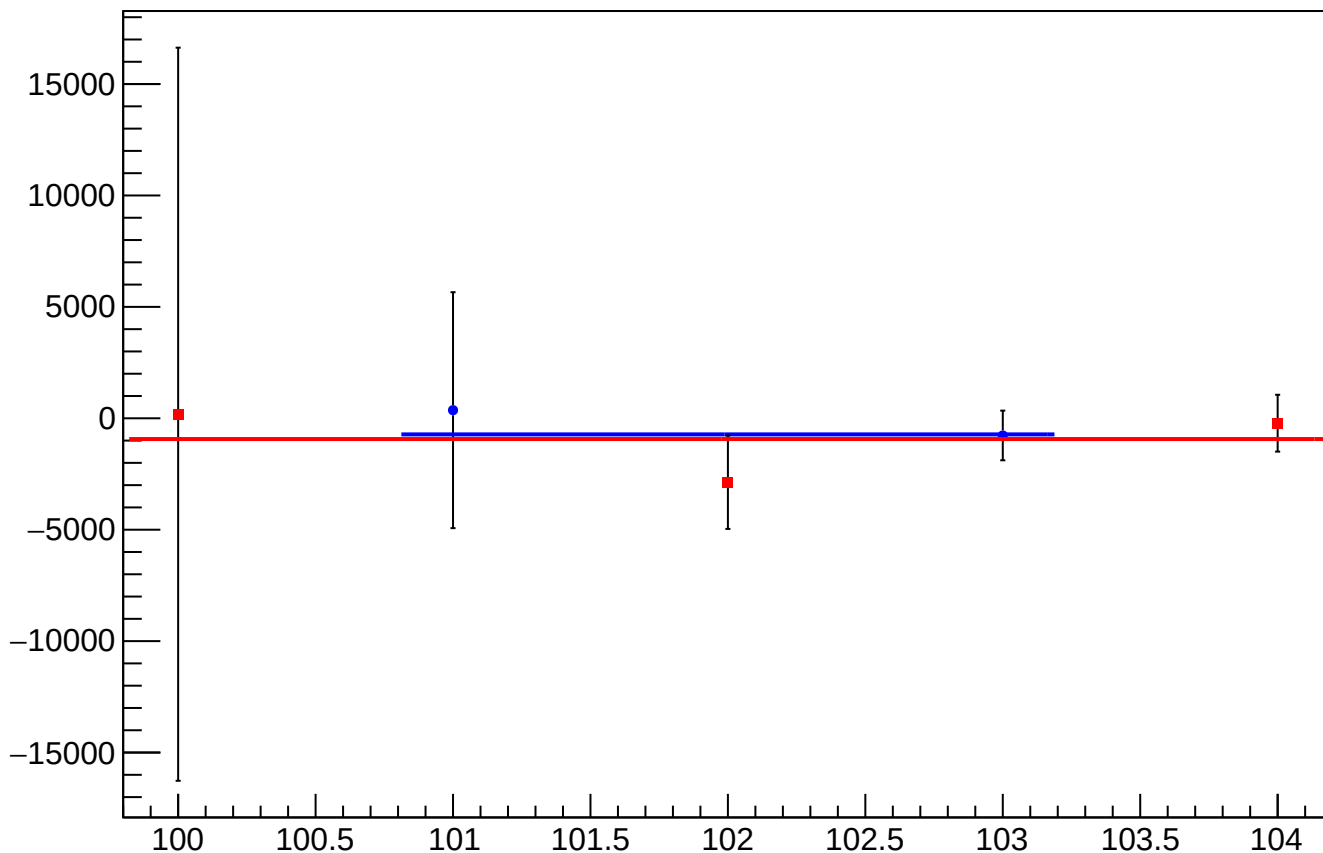
Right: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

In: 1850.188+/-1.205 χ^2/NDF : 168652.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

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: -930.857+/-1087.304 χ^2 /NDF: 1.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

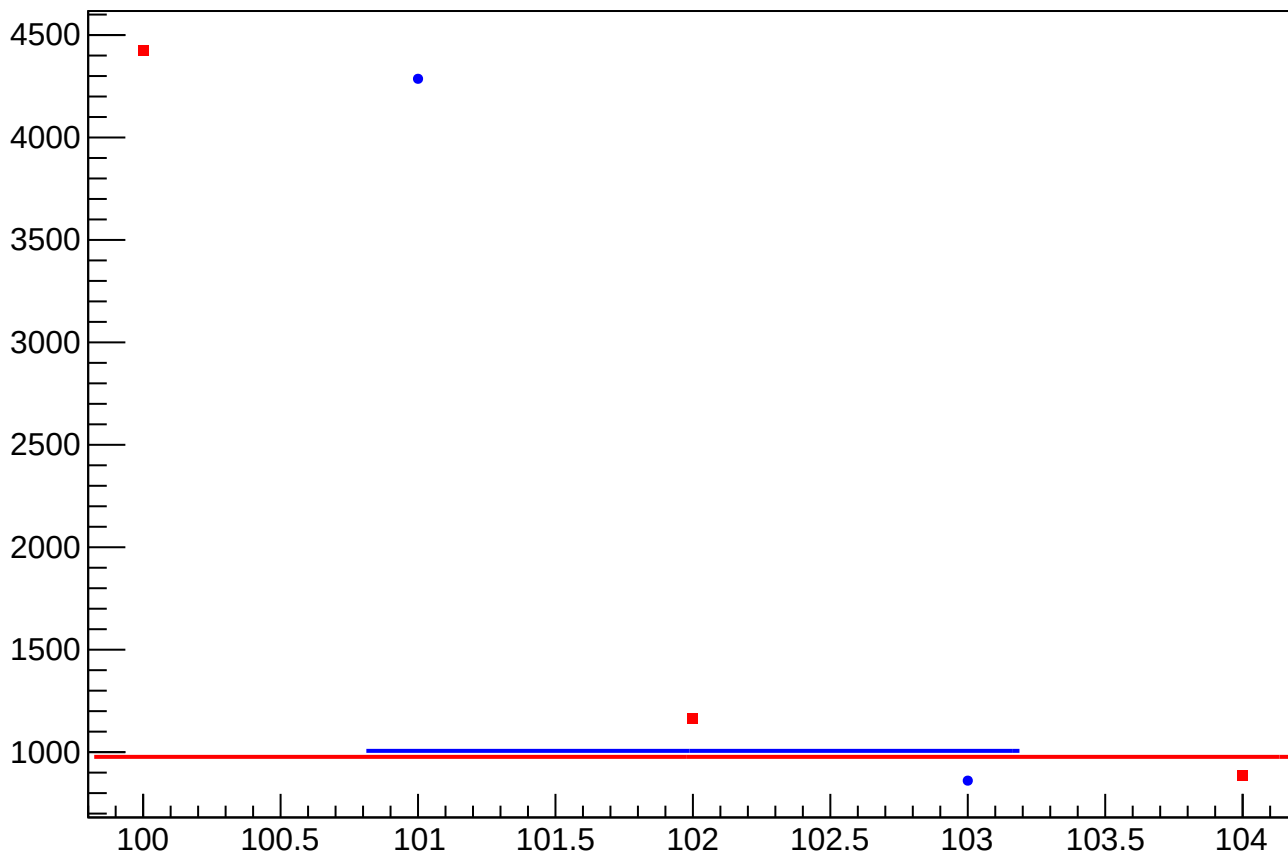
Right: -826.927+/-769.966 χ^2 /NDF: 1.2/4

In: -722.385+/-1090.497 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -826.927+/-769.966 χ^2 /NDF: 1.2/4

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: 976.929+/-0.769 χ^2/NDF : 114081.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

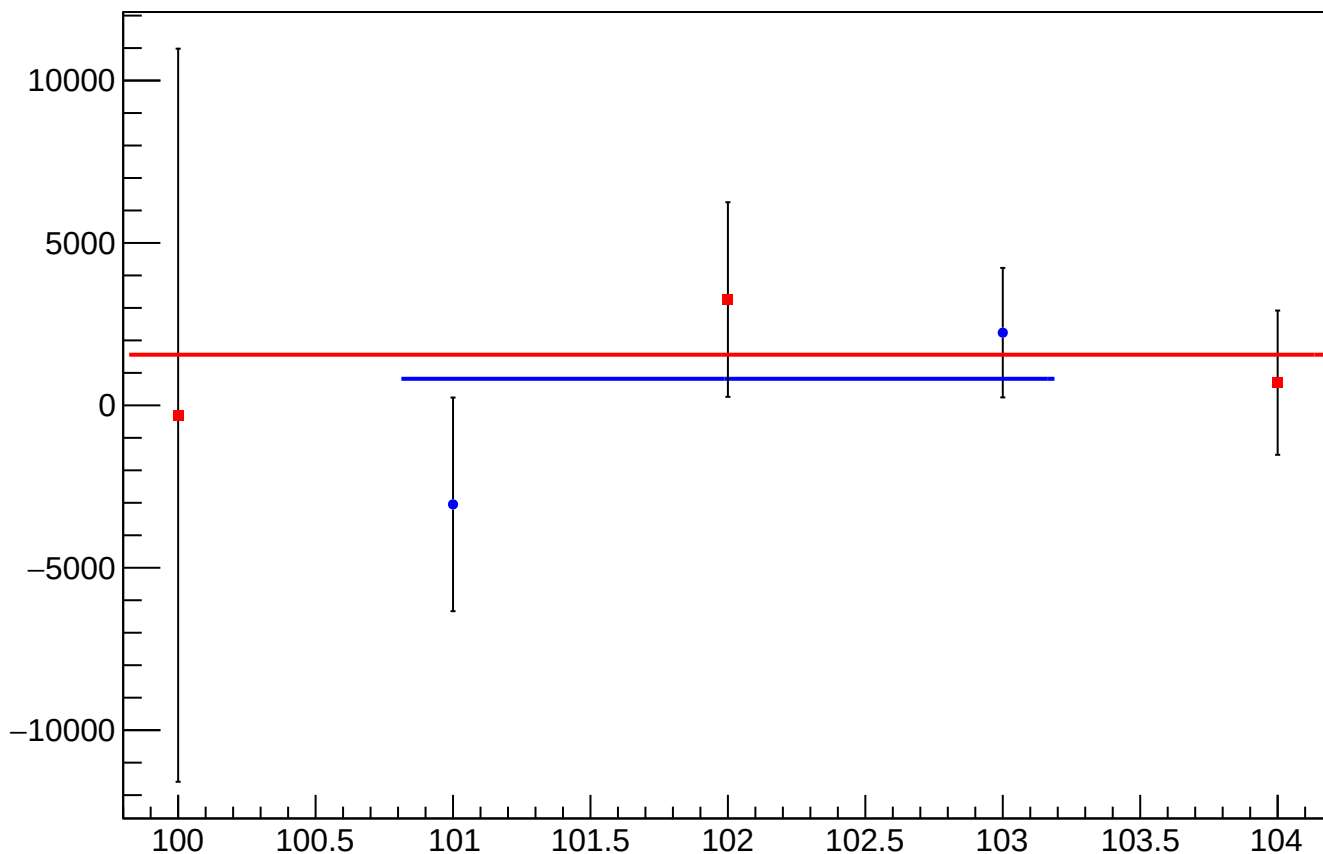
Right: 991.524+/-0.544 χ^2/NDF : 916589.9/4

In: 1006.204+/-0.771 χ^2/NDF : 801786.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.524+/-0.544 χ^2/NDF : 916589.9/4

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: 1559.652+/-1762.195 χ^2 /NDF: 0.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

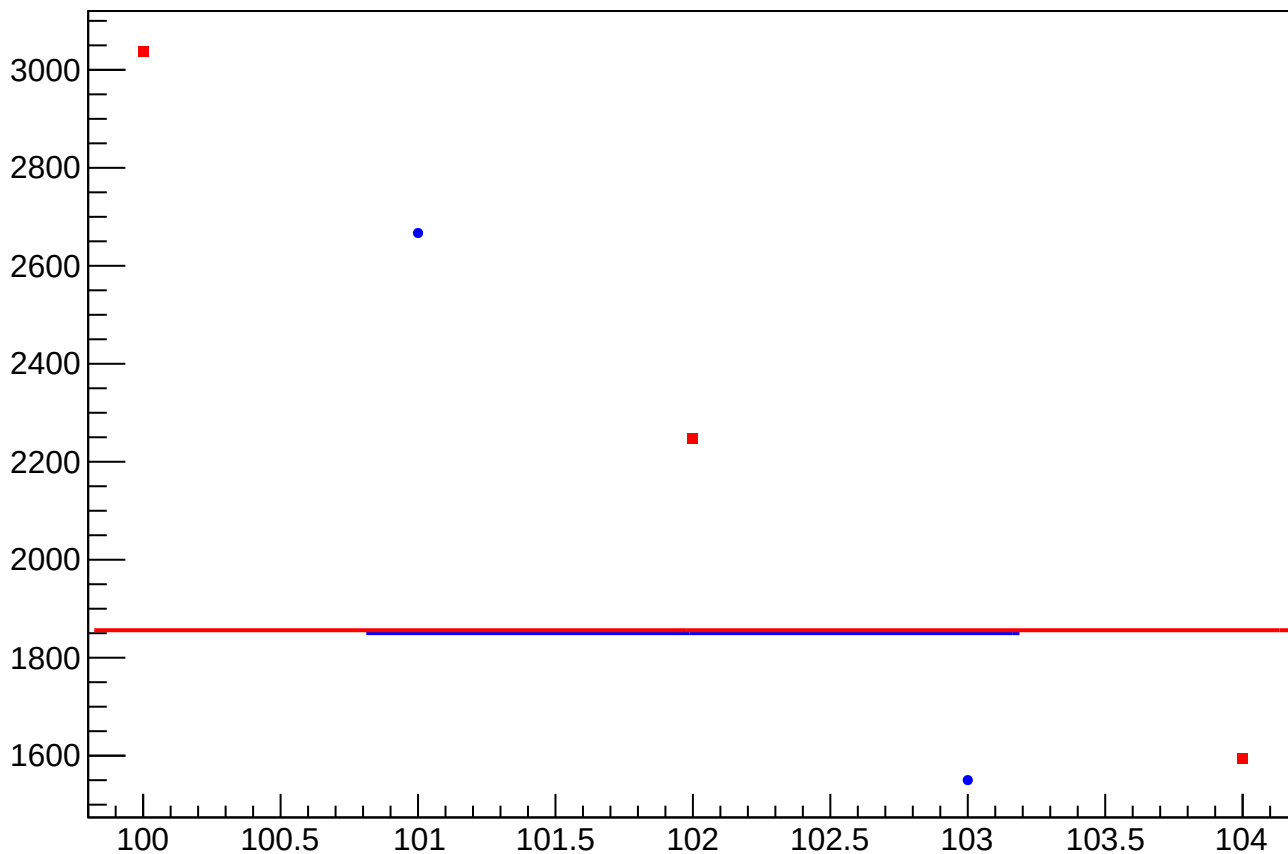
Right: 1176.548+/-1225.242 χ^2 /NDF: 2.5/4

In: 818.018+/-1704.741 χ^2 /NDF:1.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1176.548+/-1225.242 χ^2 /NDF: 2.5/4

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: 1856.119+/-1.246 χ^2/NDF : 83660.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

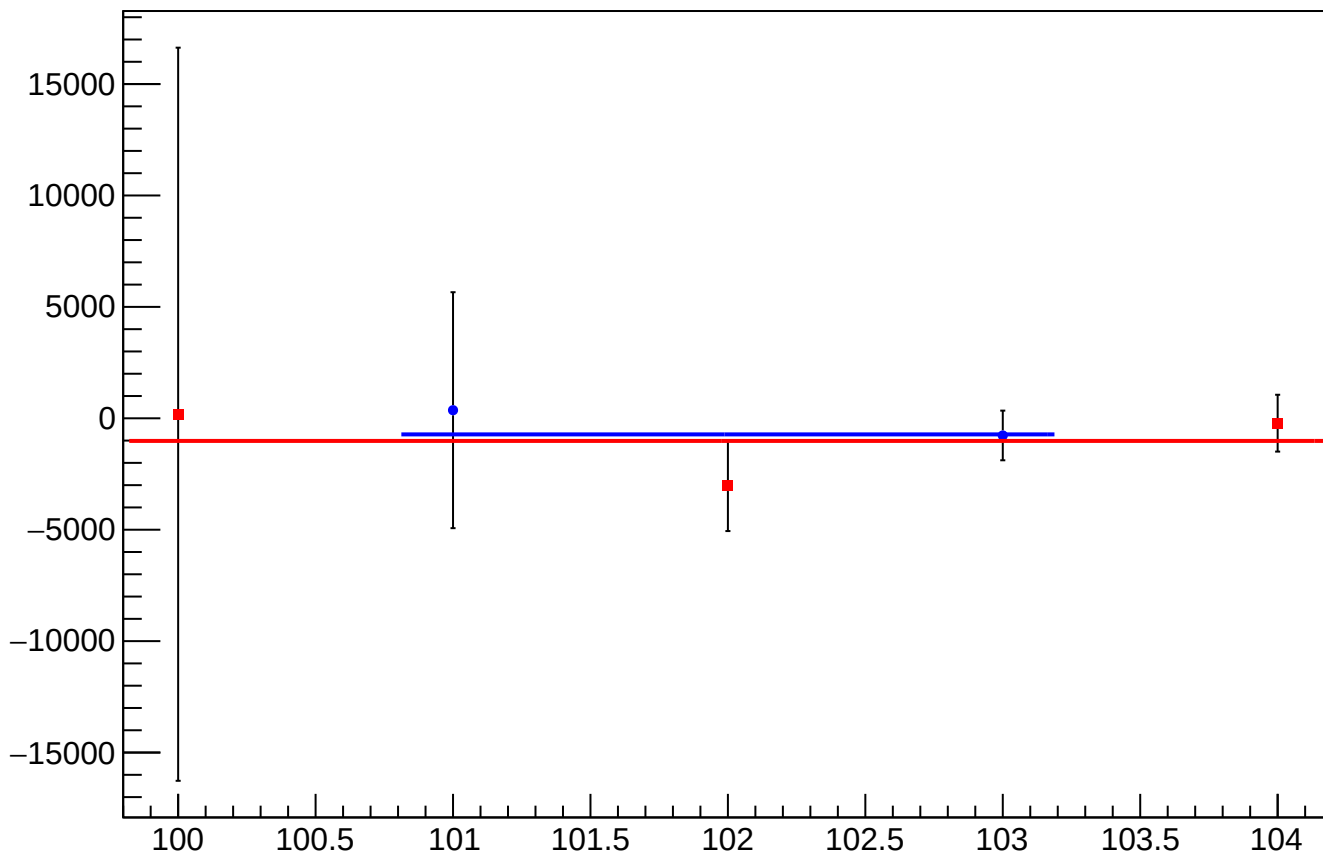
Right: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

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: -1015.065+/-1076.696 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

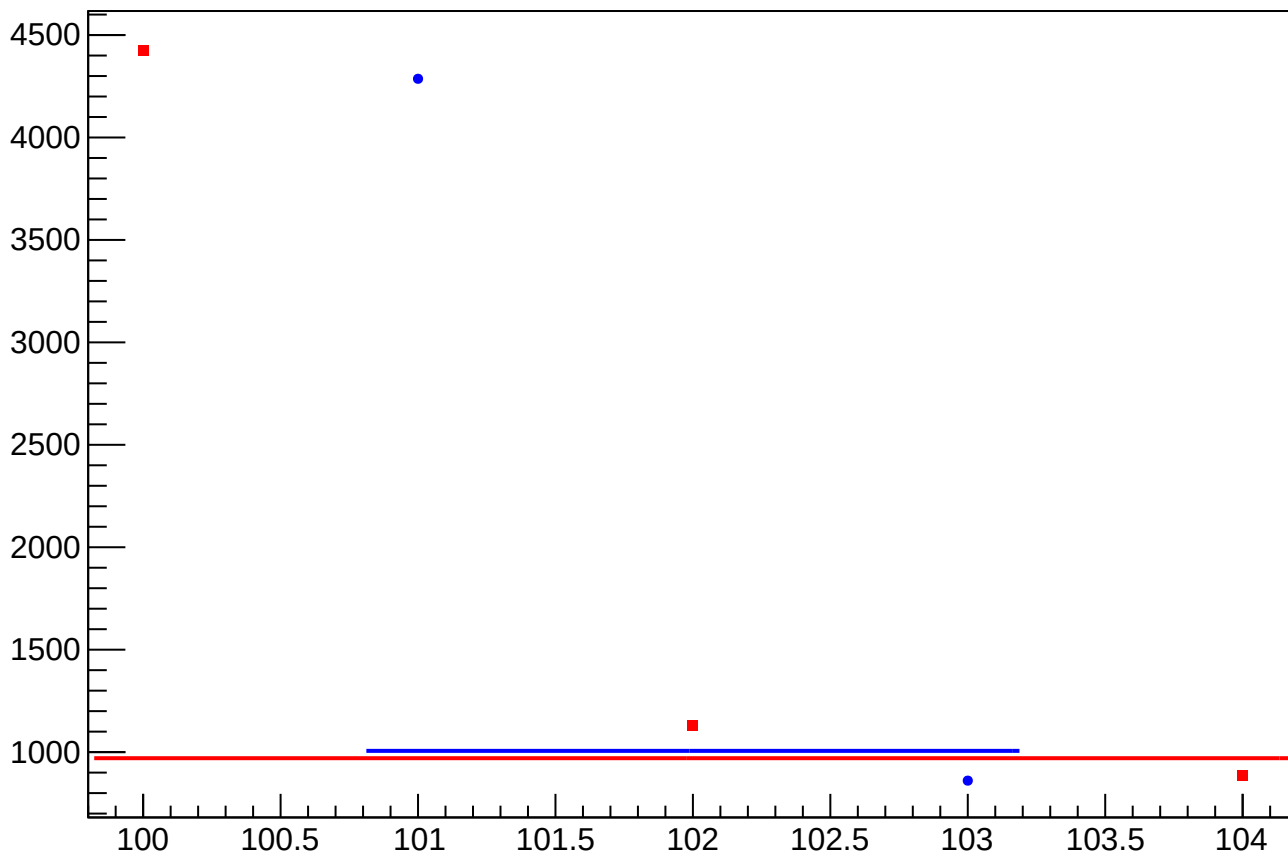
Right: -870.298+/-766.145 χ^2/NDF : 1.5/4

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.298+/-766.145 χ^2/NDF : 1.5/4

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: 970.341+/-0.761 χ^2/NDF : 109203.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

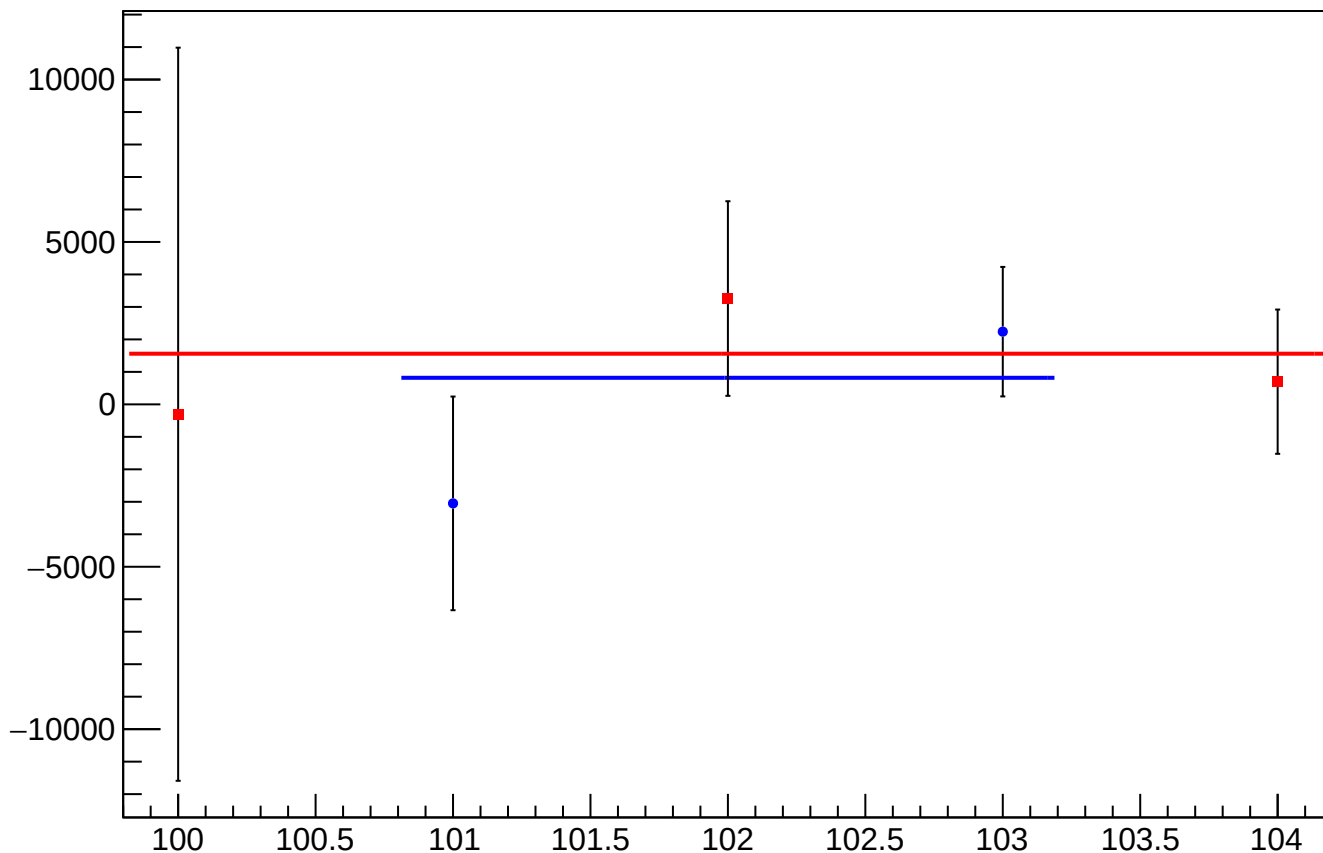
Right: 988.008+/-0.542 χ^2/NDF : 912111.4/4

In: 1006.129+/-0.771 χ^2/NDF : 801817.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.008+/-0.542 χ^2/NDF : 912111.4/4

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: 1559.652+/-1762.195 χ^2/NDF : 0.5/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

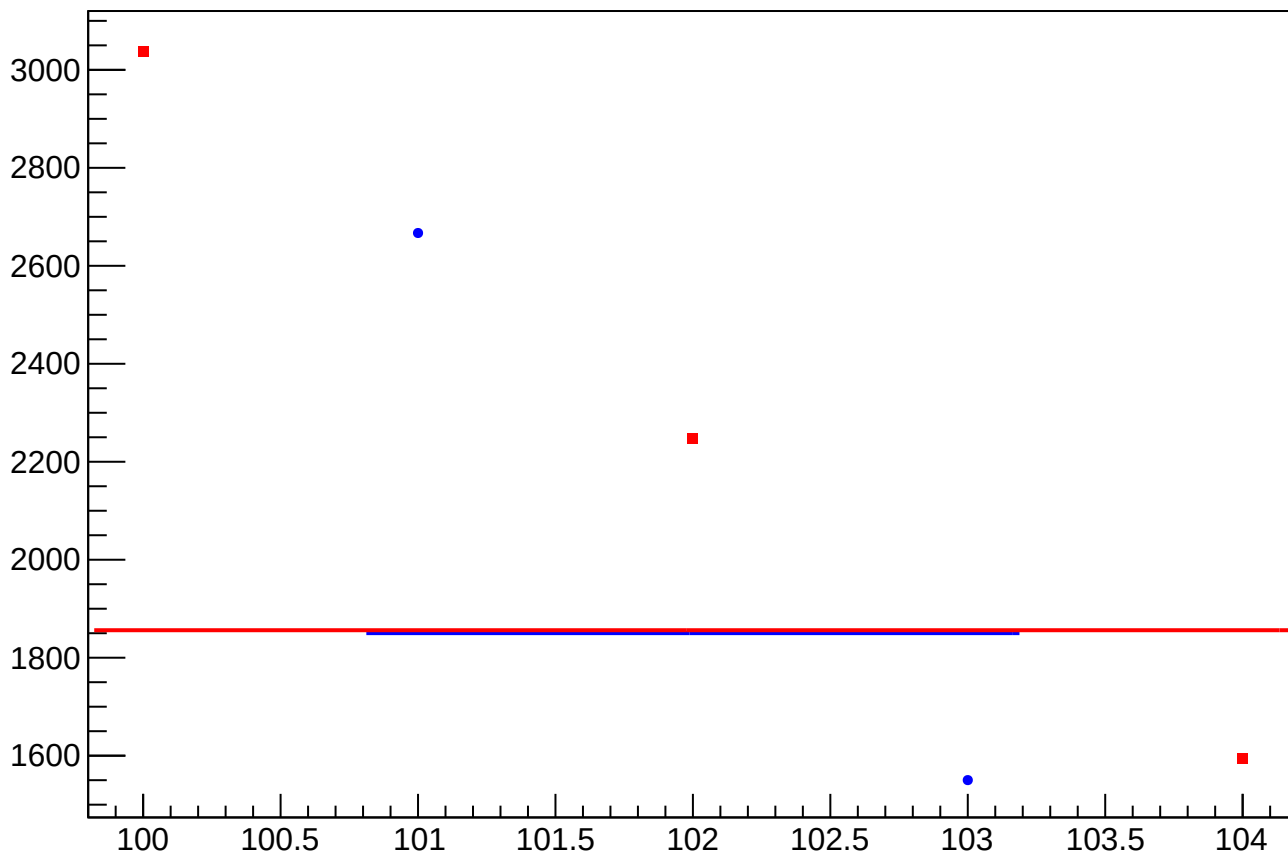
Right: 1176.548+/-1225.242 χ^2/NDF : 2.5/4

In: 818.018+/-1704.741 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.548+/-1225.242 χ^2/NDF : 2.5/4

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: 1856.119+/-1.246 χ^2/NDF : 83660.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

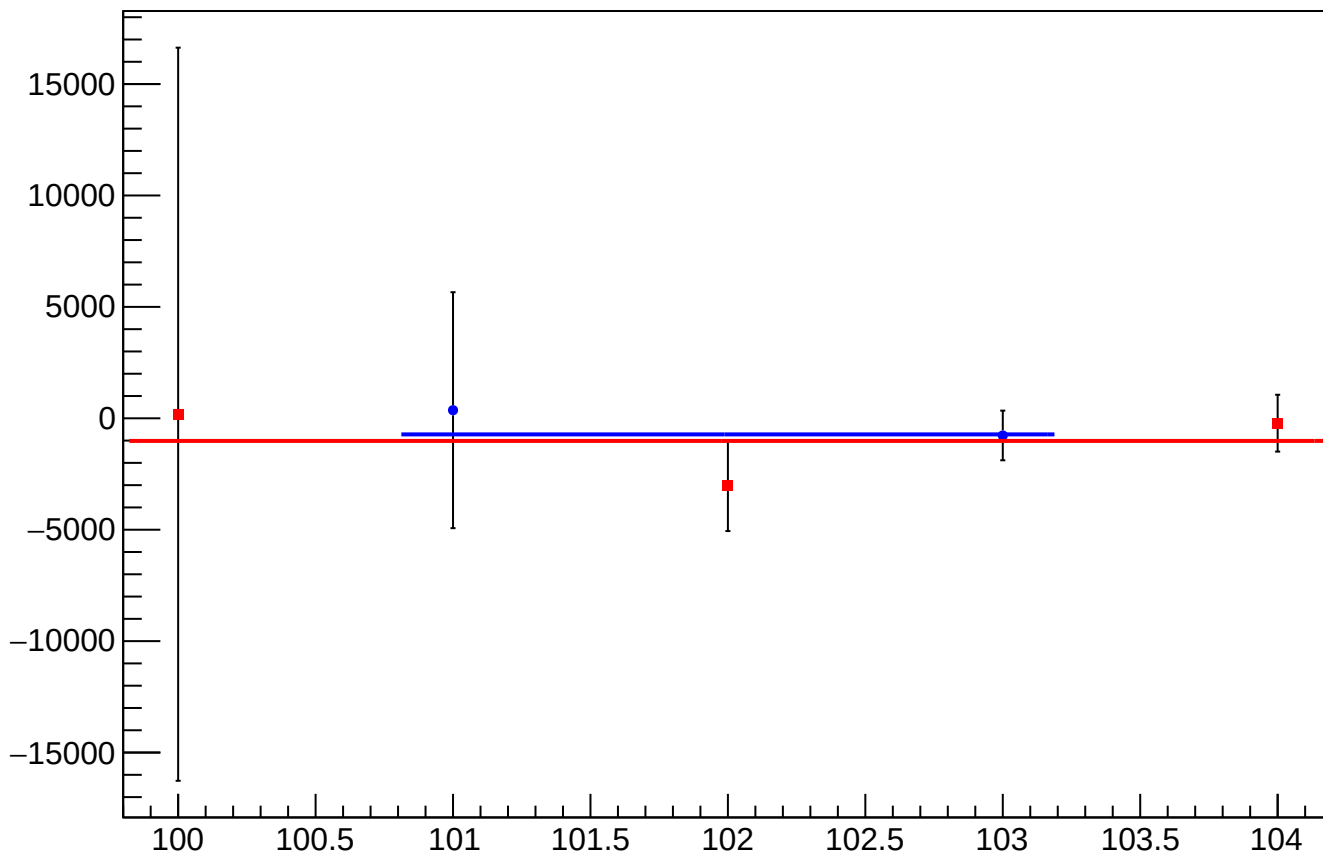
Right: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

In: 1850.188+/-1.205 χ^2/NDF : 168652.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.055+/-0.866 χ^2/NDF : 252324.5/4

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: -1015.065+/-1076.696 χ^2/NDF : 1.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

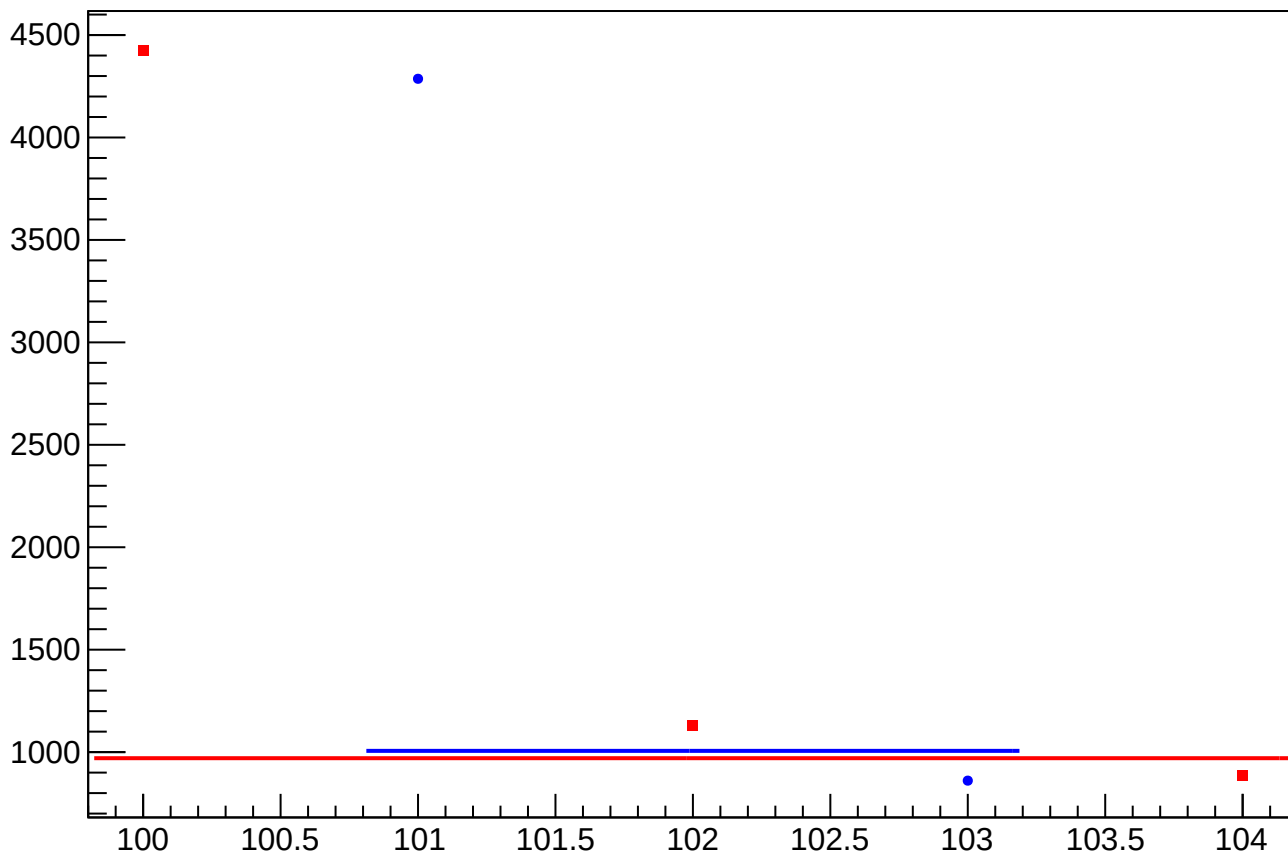
Right: -870.298+/-766.145 χ^2/NDF : 1.5/4

In: -721.816+/-1090.420 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -870.298+/-766.145 χ^2/NDF : 1.5/4

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: 970.341+/-0.761 χ^2 /NDF: 109203.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

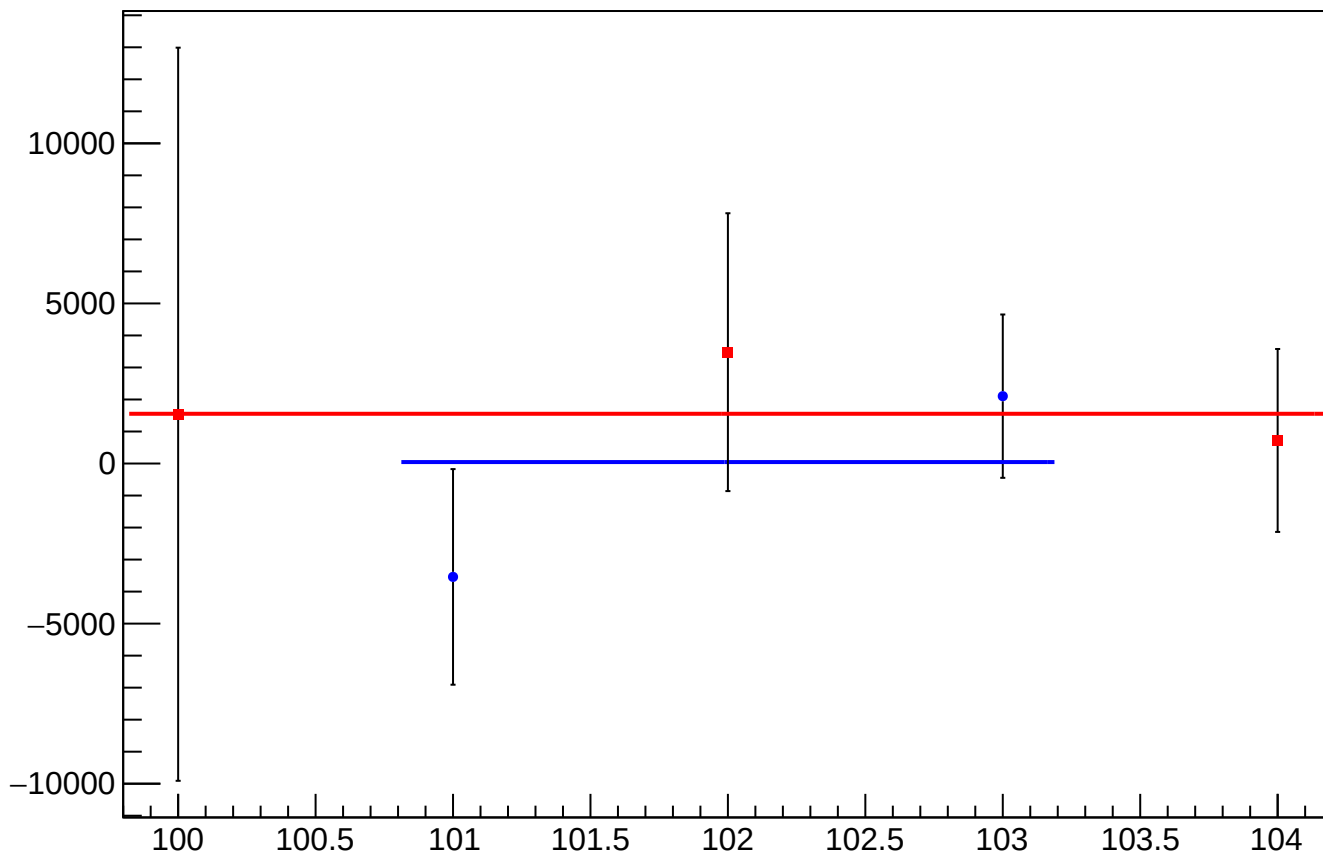
Right: 988.008+/-0.542 χ^2 /NDF: 912111.4/4

In: 1006.129+/-0.771 χ^2 /NDF:801817.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 988.008+/-0.542 χ^2 /NDF: 912111.4/4

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: 1553.716+/-2335.870 χ^2/NDF : 0.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

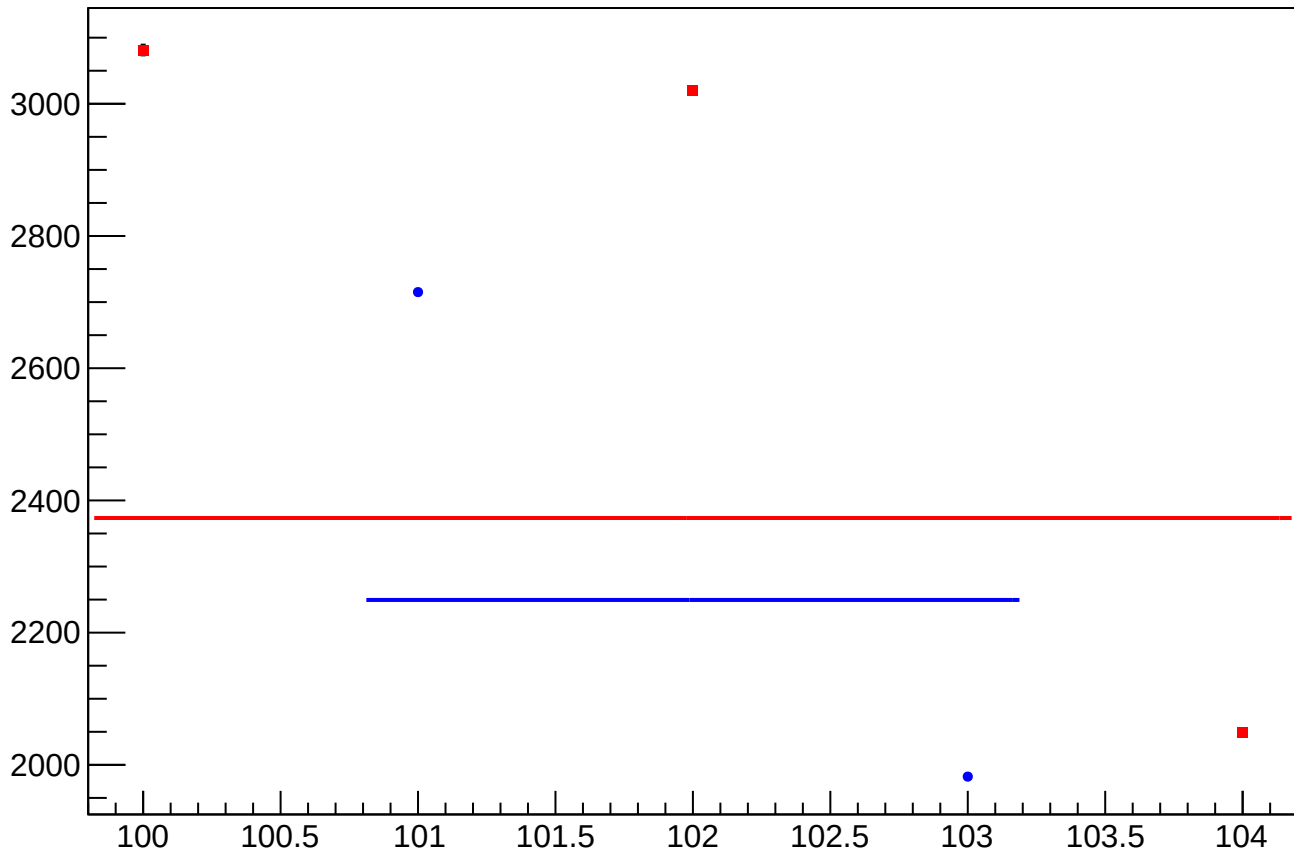
Right: 695.690+/-1533.611 χ^2/NDF : 2.3/4

In: 45.615+/-2033.202 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.690+/-1533.611 χ^2/NDF : 2.3/4

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: 2373.429+/-1.652 χ^2/NDF : 78012.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

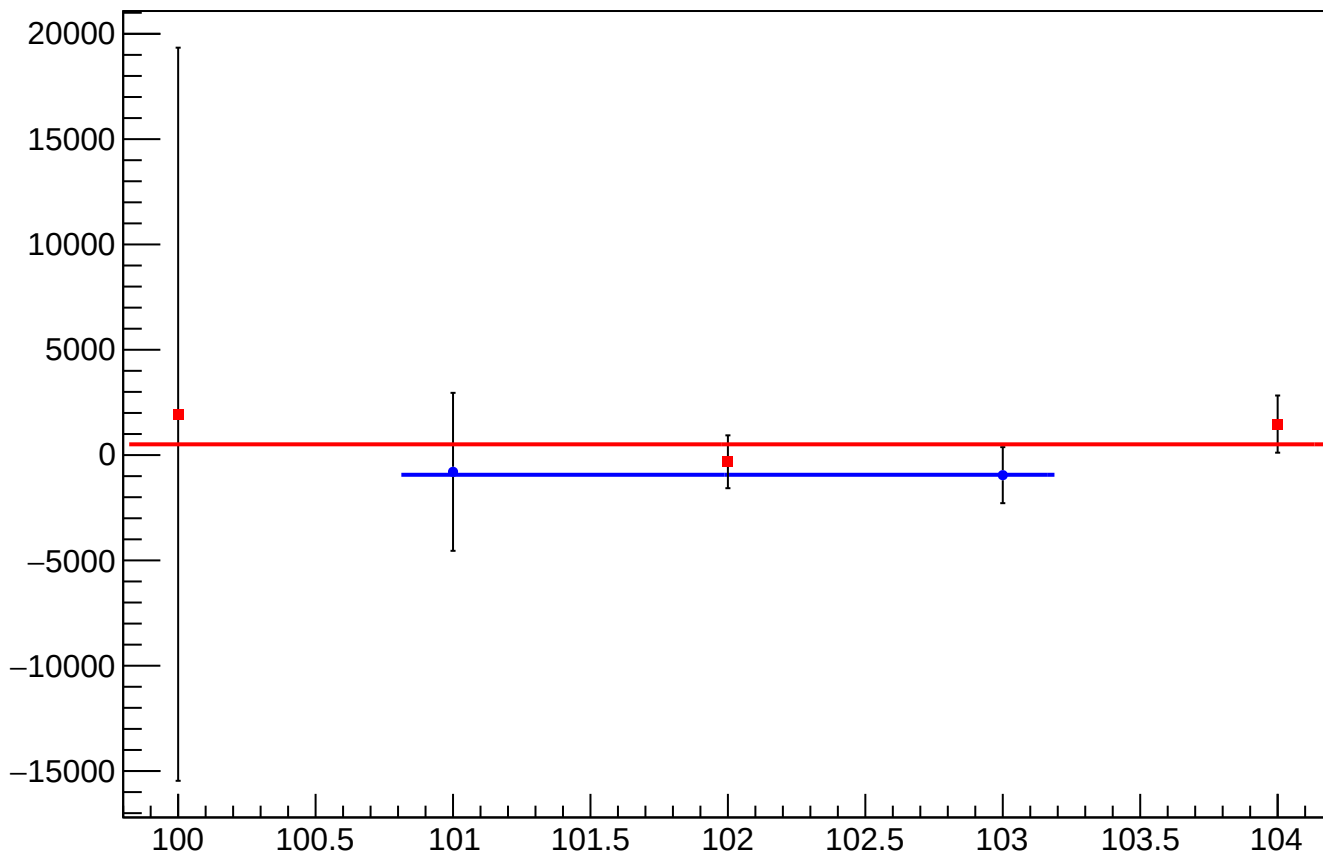
Right: 2302.900+/-1.084 χ^2/NDF : 141421.7/4

In: 2249.464+/-1.438 χ^2/NDF : 60204.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.900+/-1.084 χ^2/NDF : 141421.7/4

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -935.111 $\pm$ 1253.802 χ^2 /NDF: 0.0/1

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

Right Out: 510.759 $\pm$ 920.032 χ^2 /NDF: 0.9/2

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

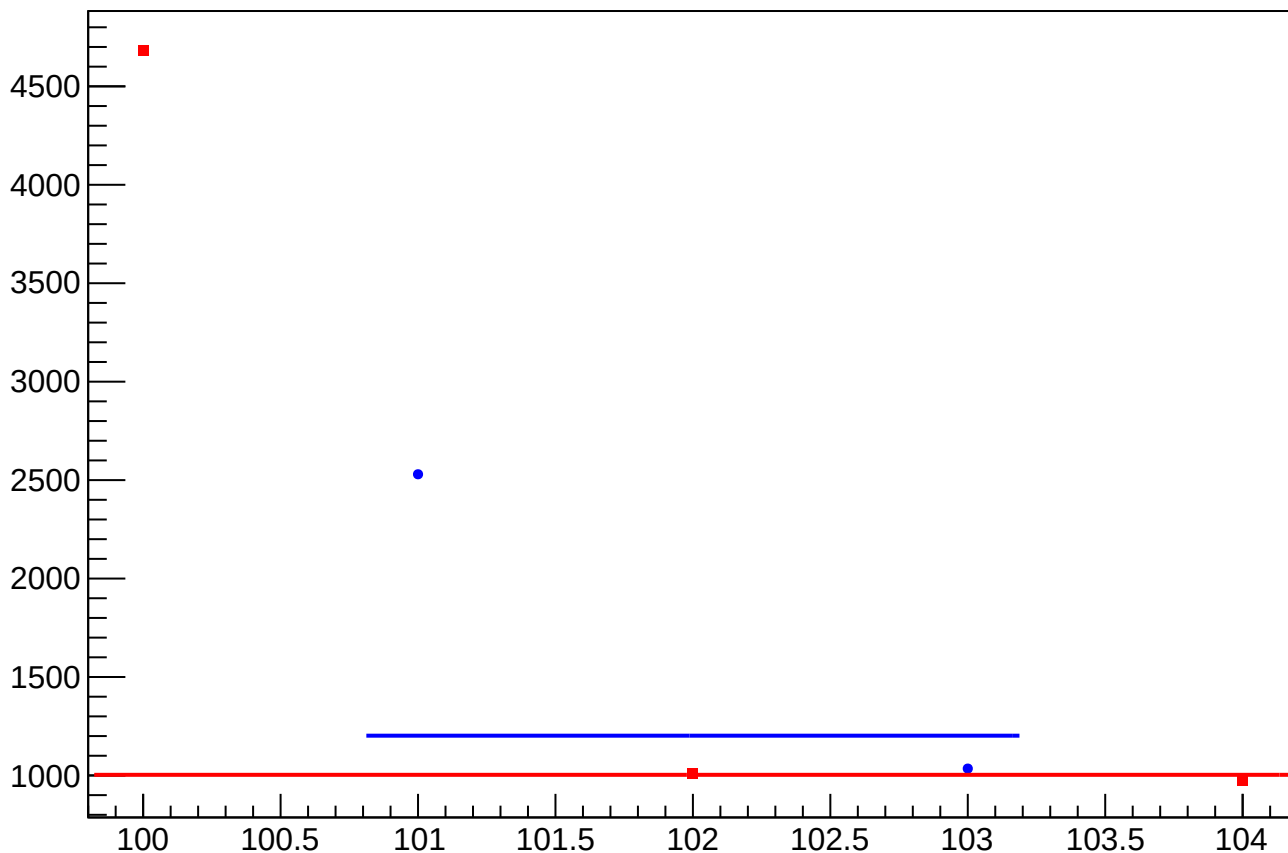
Right: 4.710 $\pm$ 741.756 χ^2 /NDF: 1.8/4

In: -935.111 $\pm$ 1253.802 χ^2 /NDF: 0.0/1

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

All: 4.710 $\pm$ 741.756 χ^2 /NDF: 1.8/4

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959 $\pm$ 0.887 χ^2 /NDF: 282328.4/1

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

Right Out: 1003.137 $\pm$ 0.651 χ^2 /NDF: 90458.0/2

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

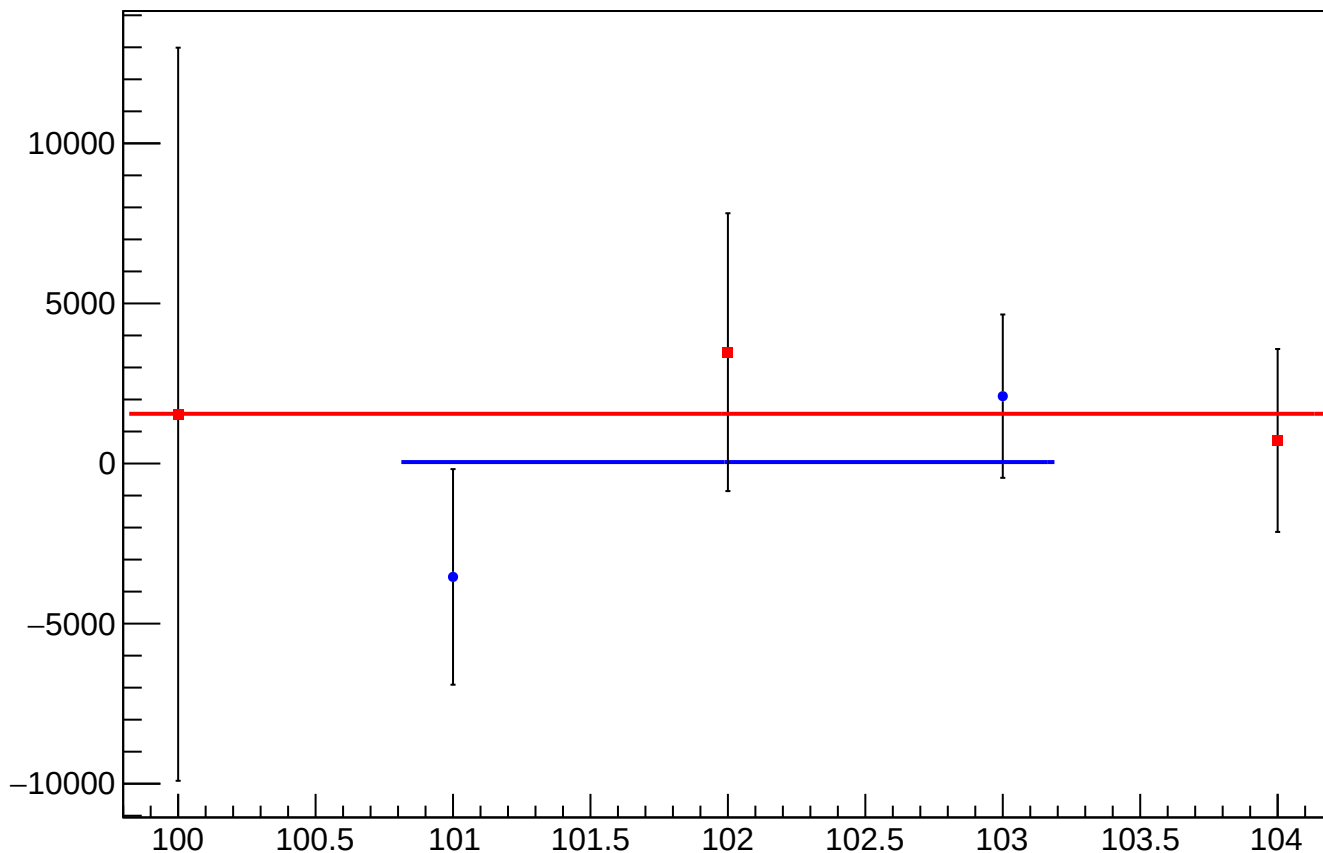
Right: 1072.724 $\pm$ 0.525 χ^2 /NDF: 405476.6/4

In: 1201.959 $\pm$ 0.887 χ^2 /NDF:282328.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1072.724 $\pm$ 0.525 χ^2 /NDF: 405476.6/4

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: 1553.714+/-2335.866 χ^2/NDF : 0.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

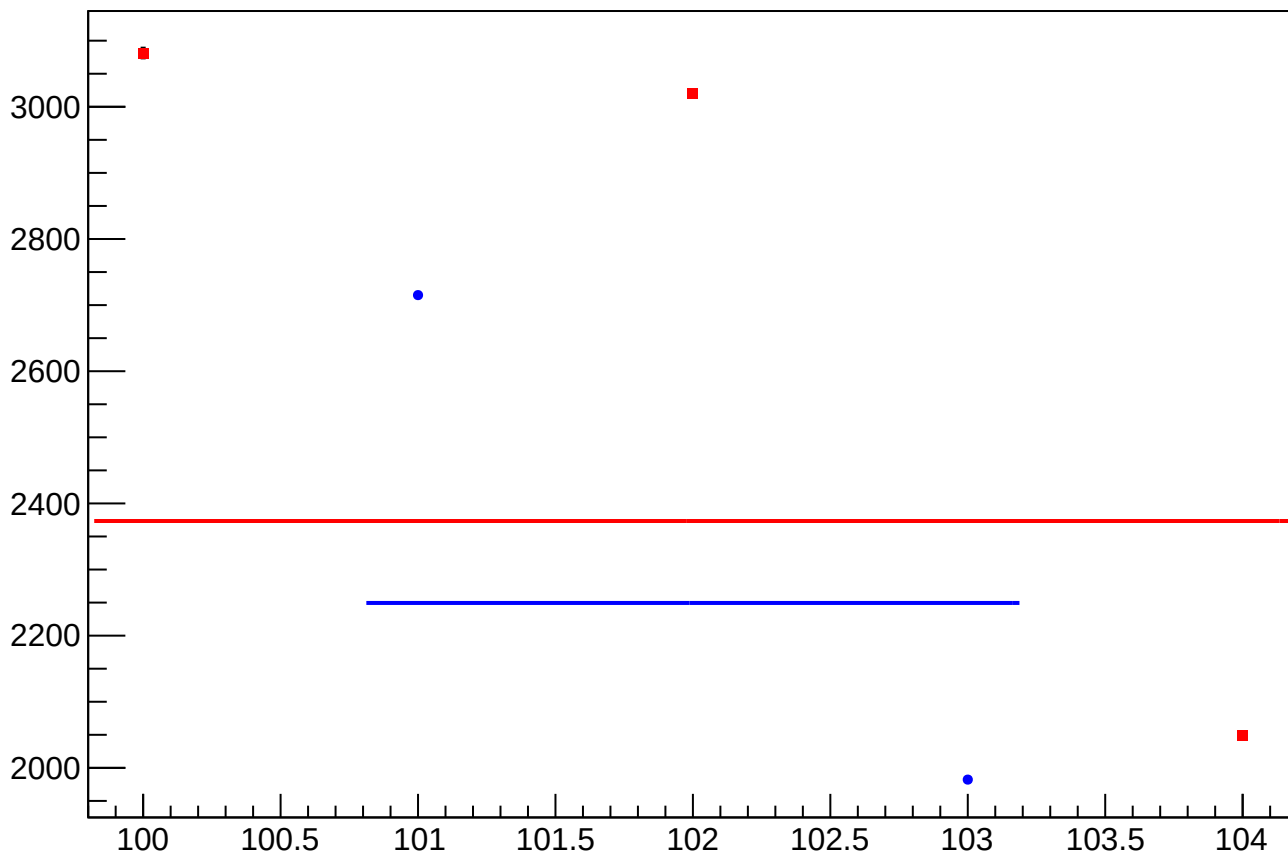
Right: 695.681+/-1533.609 χ^2/NDF : 2.3/4

In: 45.599+/-2033.199 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.681+/-1533.609 χ^2/NDF : 2.3/4

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: 2373.424+/-1.652 χ^2/NDF : 78012.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

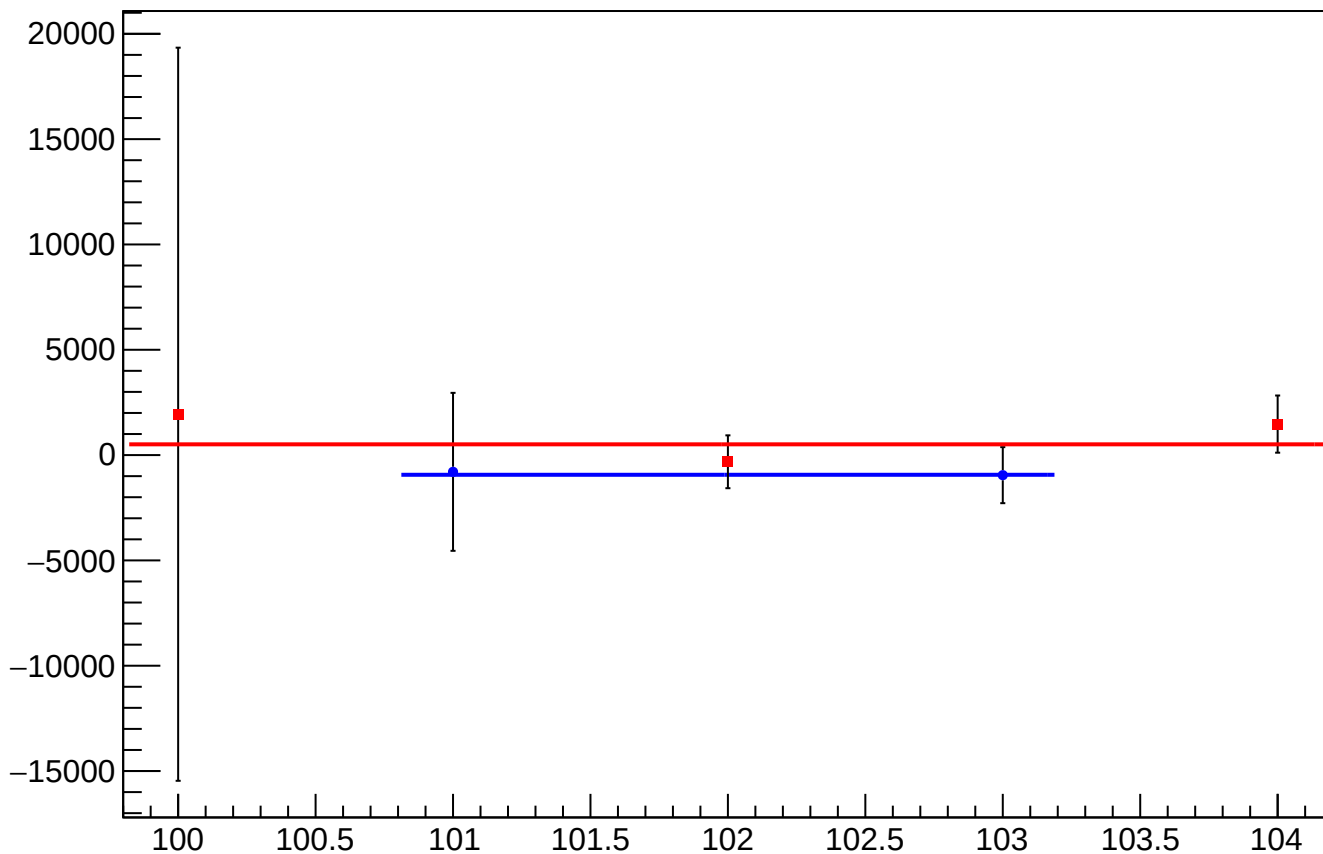
Right: 2302.896+/-1.084 χ^2/NDF : 141422.5/4

In: 2249.460+/-1.438 χ^2/NDF : 60204.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.896+/-1.084 χ^2/NDF : 141422.5/4

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: 510.753+/-920.032 χ^2/NDF : 0.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

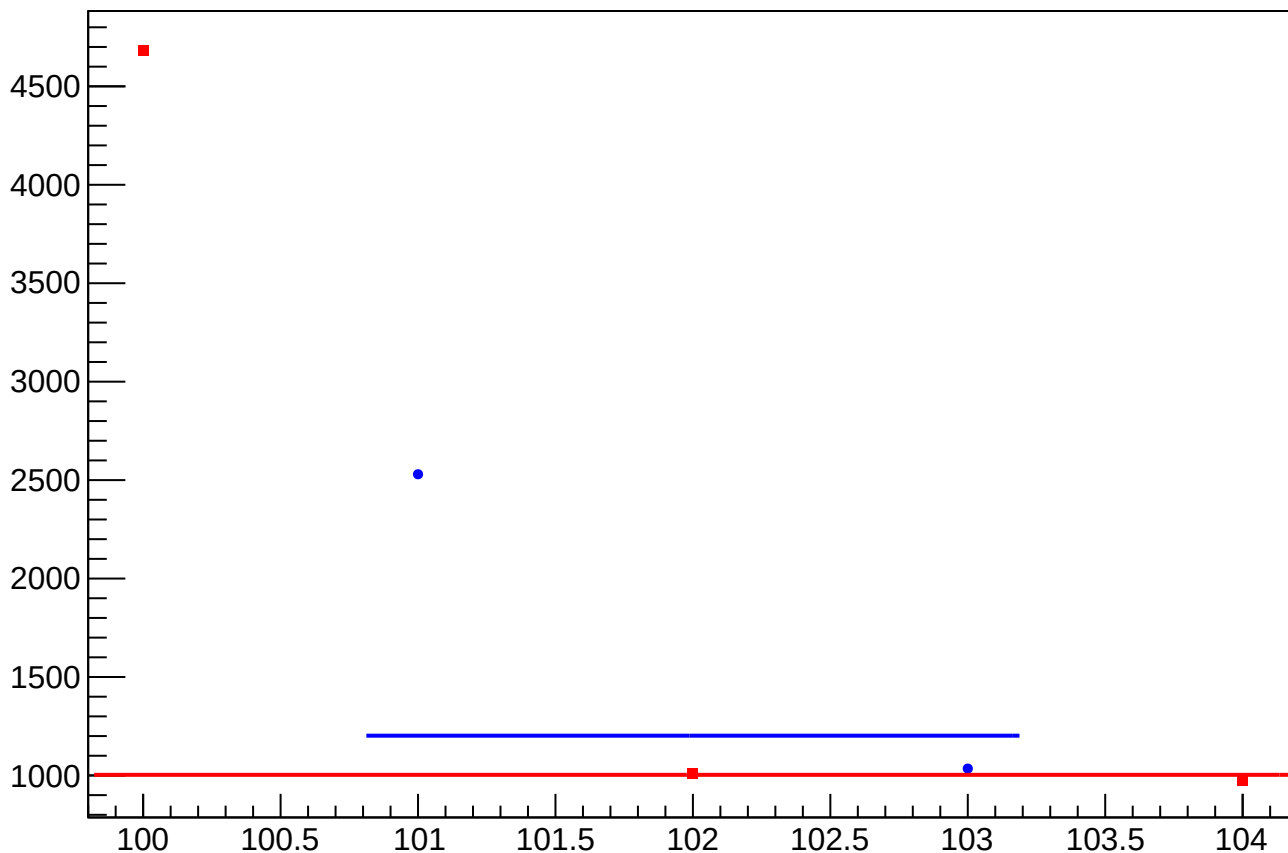
Right: 4.703+/-741.755 χ^2/NDF : 1.8/4

In: -935.117+/-1253.801 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.703+/-741.755 χ^2/NDF : 1.8/4

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1201.959+/-0.887 χ^2/NDF : 282328.7/1

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

Right Out: 1003.137+/-0.651 χ^2/NDF : 90457.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

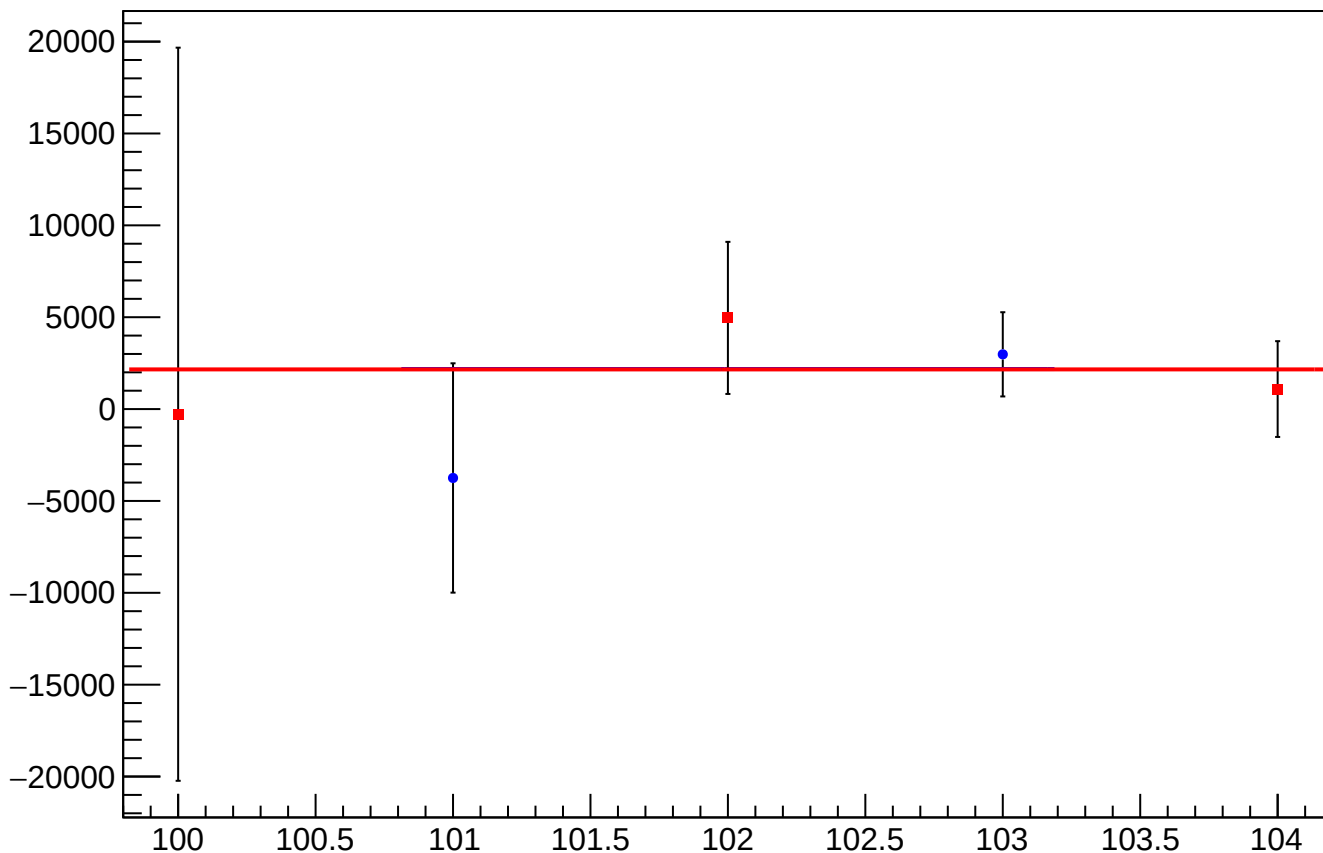
Right: 1072.724+/-0.525 χ^2/NDF : 405476.8/4

In: 1201.959+/-0.887 χ^2/NDF : 282328.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1072.724+/-0.525 χ^2/NDF : 405476.8/4

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: 2159.584+/-2192.299 χ^2/NDF : 0.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

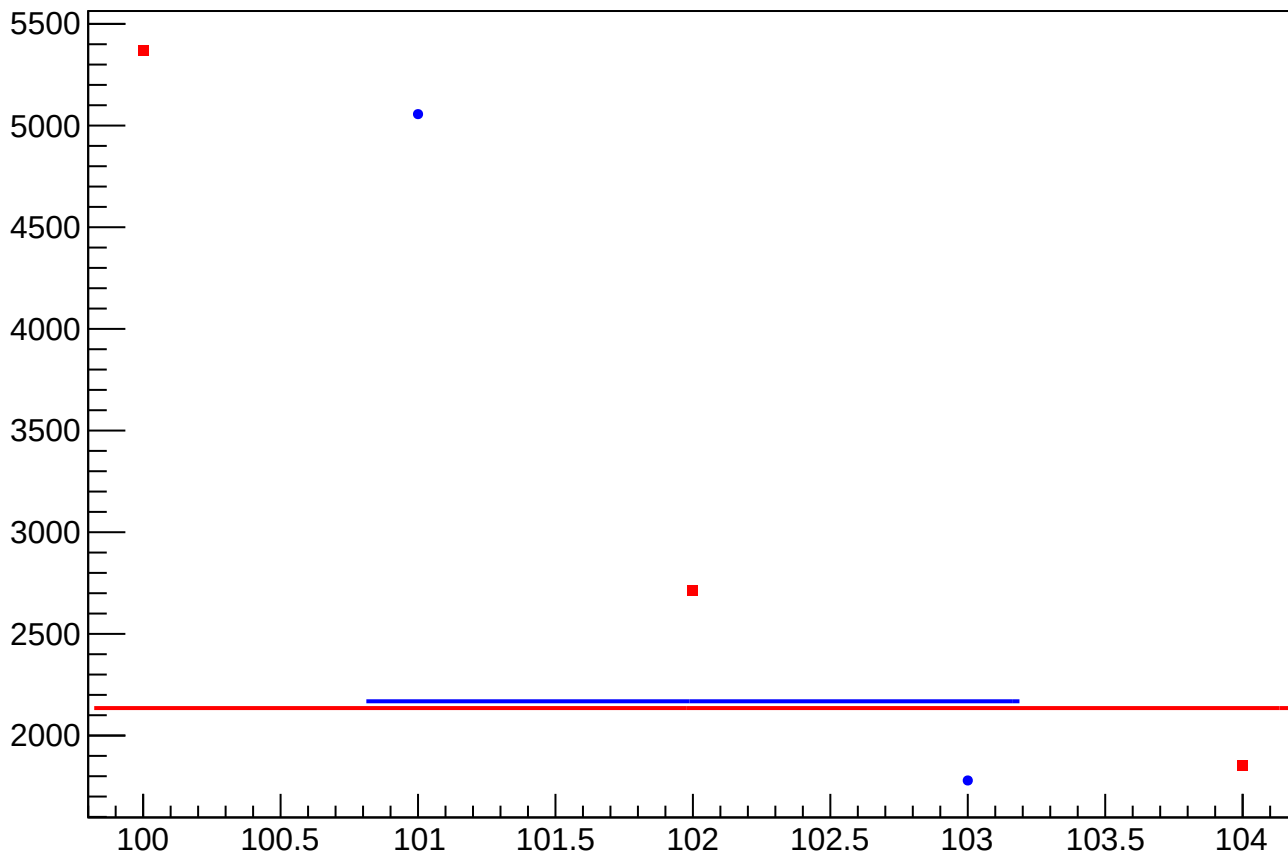
Right: 2169.948+/-1535.526 χ^2/NDF : 1.7/4

In: 2179.928+/-2151.402 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.948+/-1535.526 χ^2/NDF : 1.7/4

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: 2135.163+/-1.550 χ^2/NDF : 115514.9/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

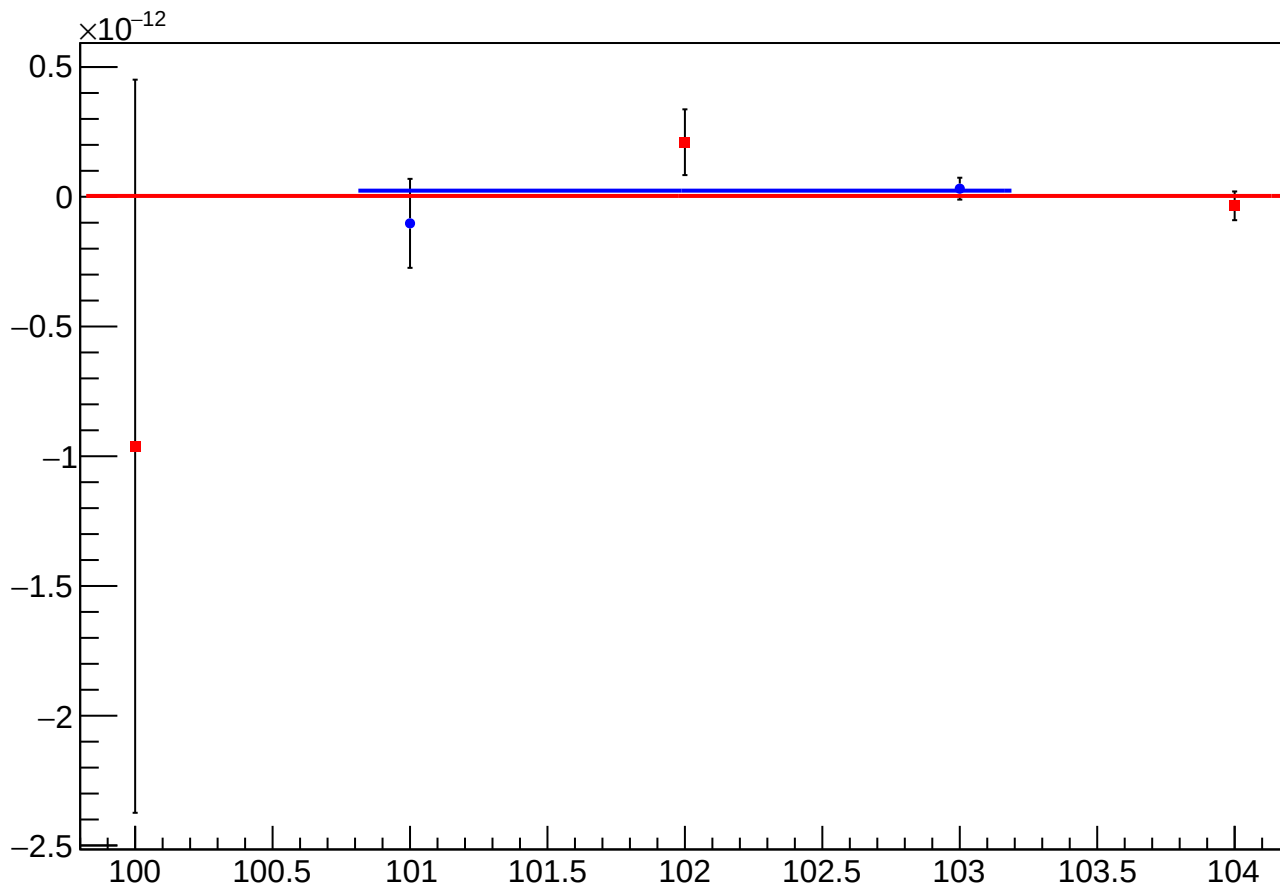
Right: 2152.182+/-1.086 χ^2/NDF : 601732.1/4

In: 2168.571+/-1.521 χ^2/NDF : 485980.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.182+/-1.086 χ^2/NDF : 601732.1/4

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 : 3.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

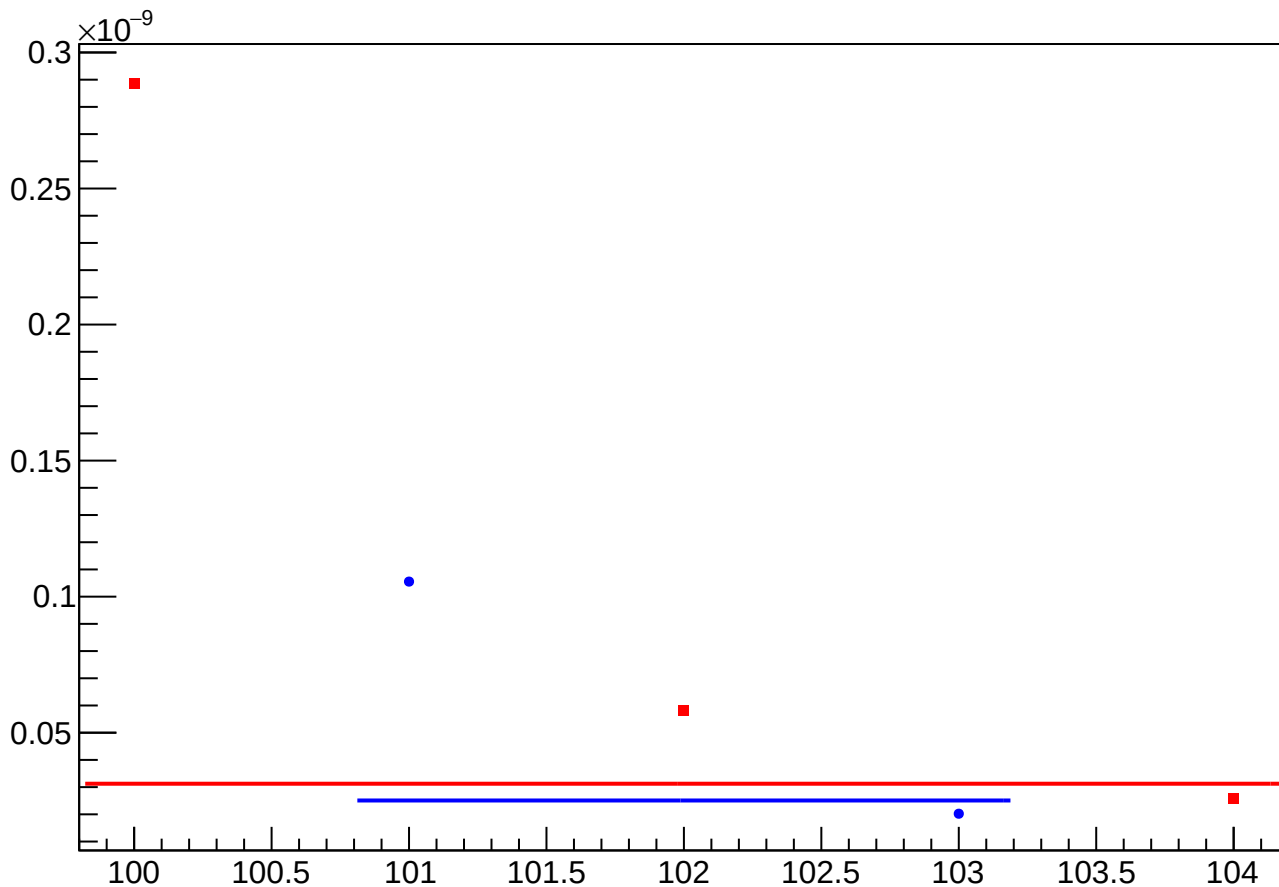
Right: 0.000+/-0.000 χ^2/NDF : 4.3/4

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 : 4.3/4

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 : 177833.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

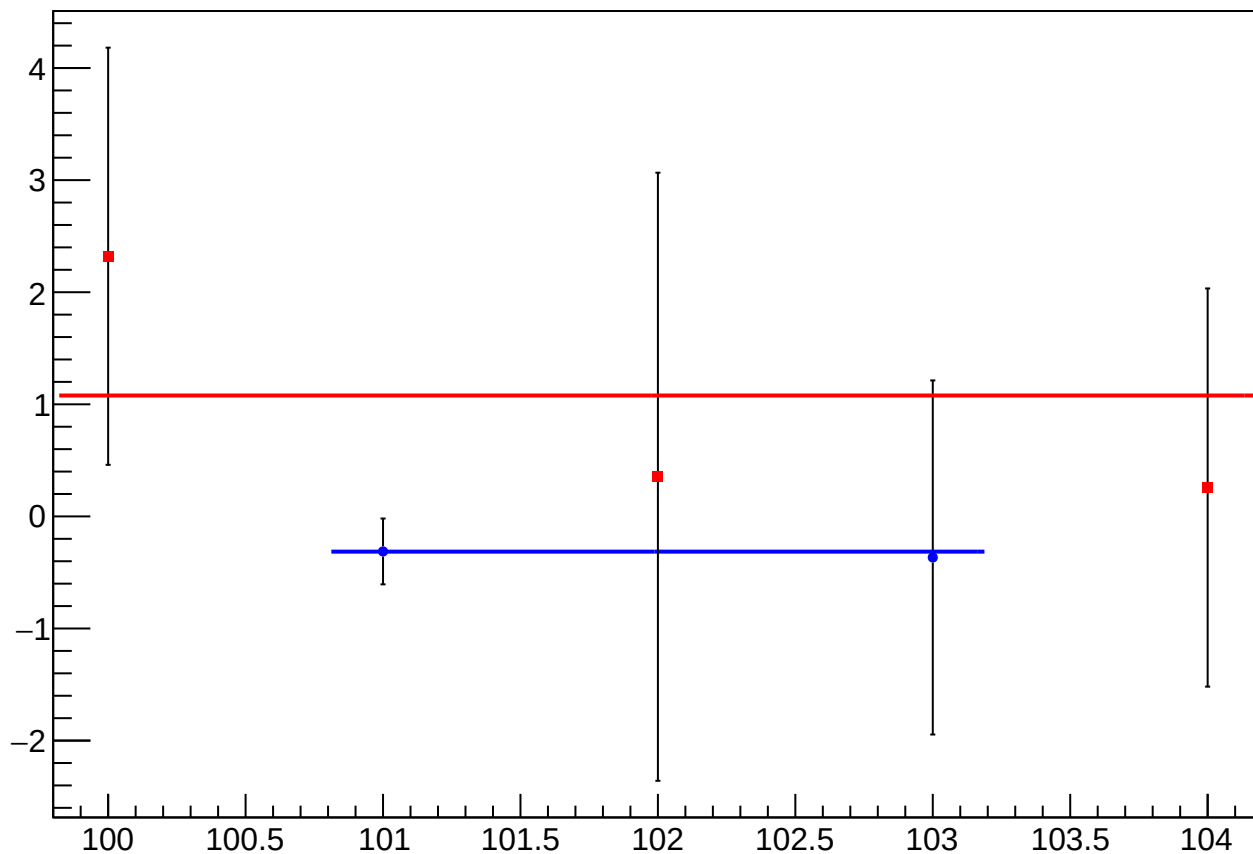
Right: 0.000+/-0.000 χ^2/NDF : 662540.1/4

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 : 662540.1/4

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 ± 0.289 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 1.079 ± 1.161 $\chi^2/\text{NDF}: 0.7/2$

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

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

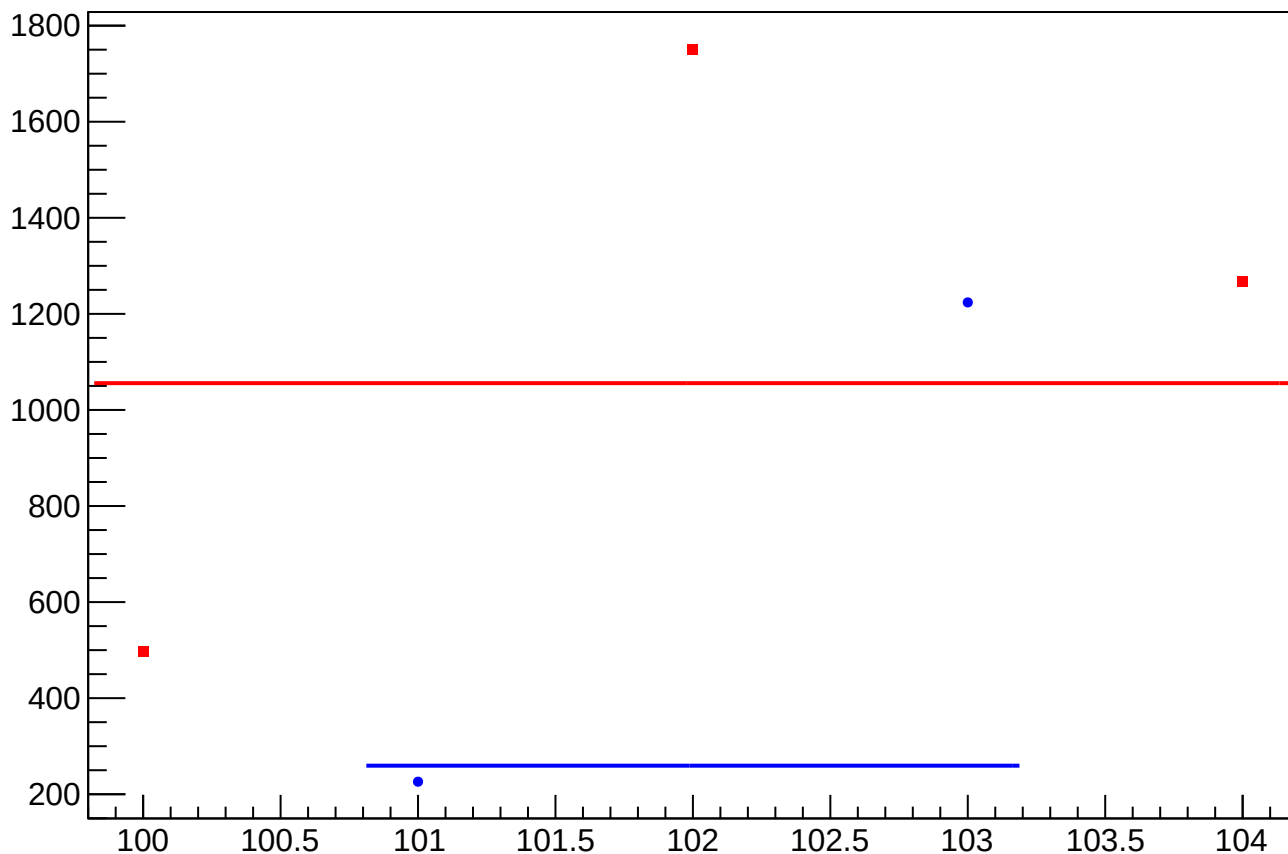
Right: -0.233 ± 0.280 $\chi^2/\text{NDF}: 2.1/4$

In: -0.314 ± 0.289 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.233 ± 0.280 $\chi^2/\text{NDF}: 2.1/4$

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: 1055.772+/-0.821 χ^2/NDF : 339749.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

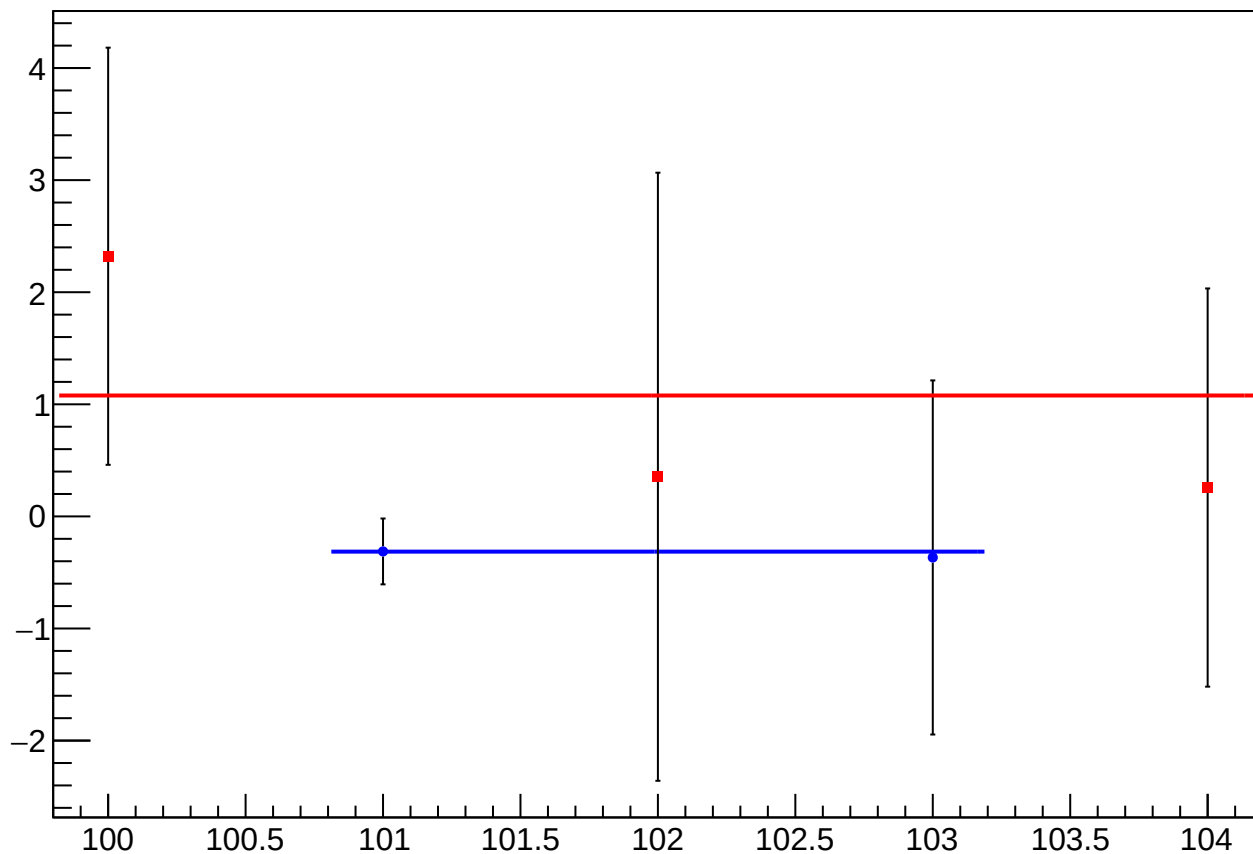
Right: 305.832+/-0.198 χ^2/NDF : 1997018.8/4

In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.832+/-0.198 χ^2/NDF : 1997018.8/4

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: 1.079 $\pm$ 1.161 χ^2 /NDF: 0.7/2

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

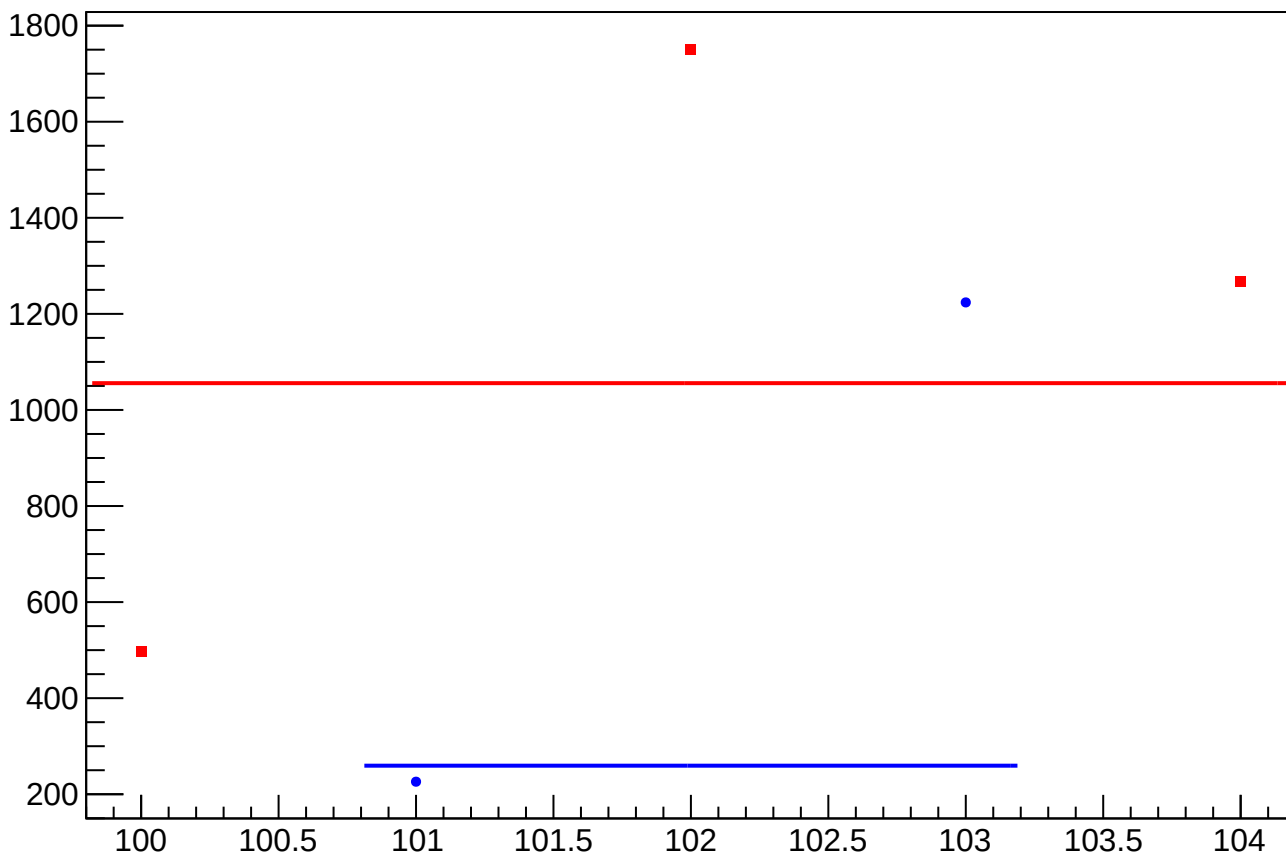
Right: -0.233 $\pm$ 0.280 χ^2 /NDF: 2.1/4

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: -0.233 $\pm$ 0.280 χ^2 /NDF: 2.1/4

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: 1055.772+/-0.821 χ^2/NDF : 339749.6/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

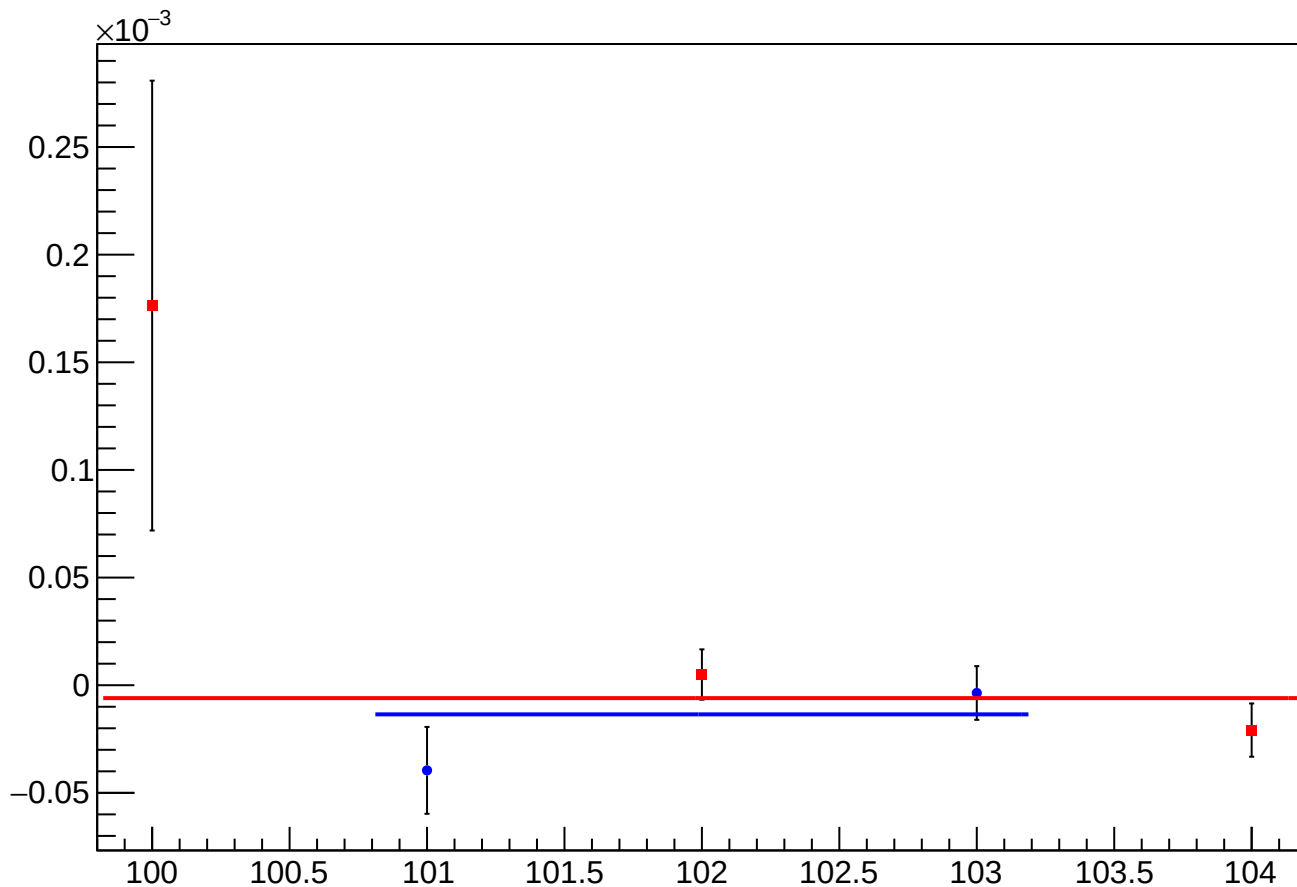
Right: 305.832+/-0.198 χ^2/NDF : 1997018.8/4

In: 259.455+/-0.204 χ^2/NDF : 771394.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.832+/-0.198 χ^2/NDF : 1997018.8/4

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 : 5.4/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

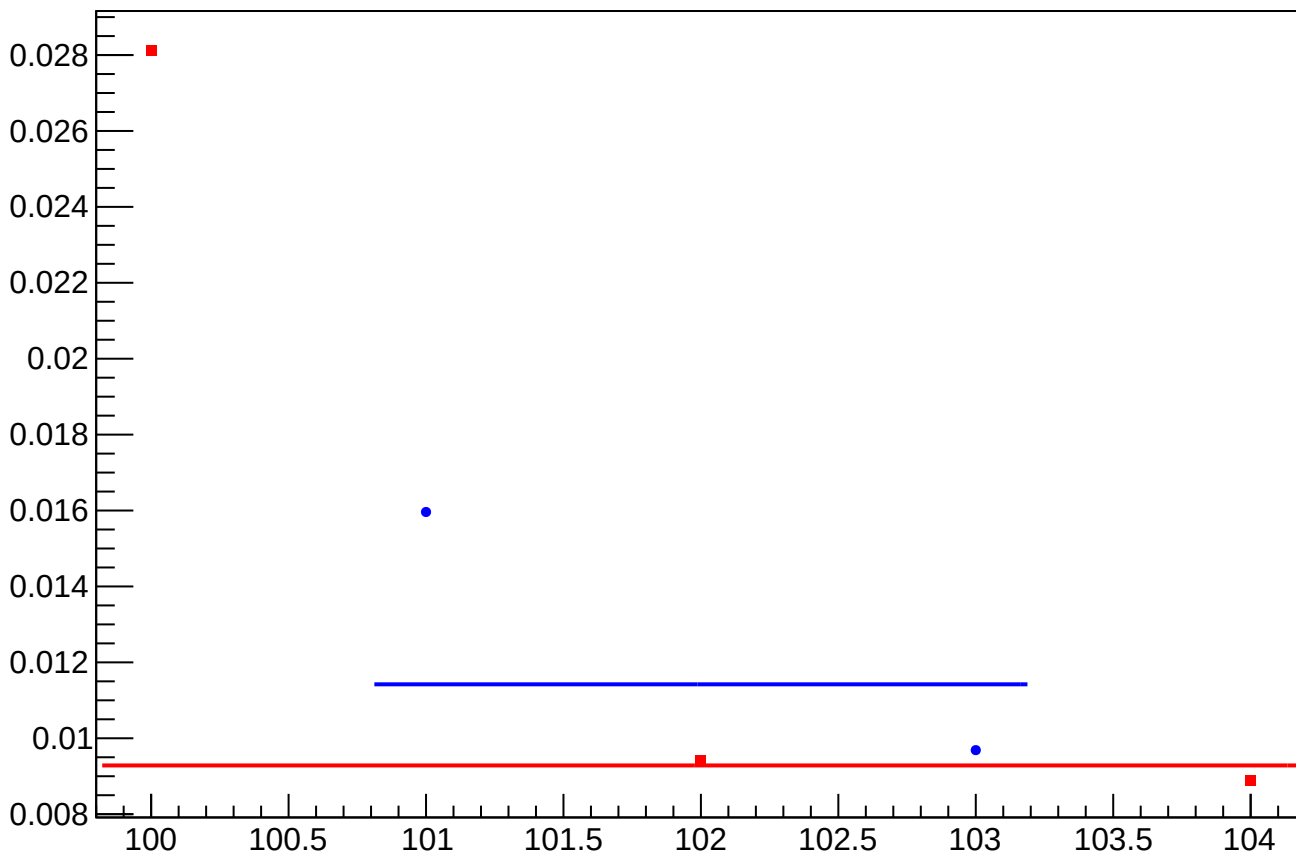
Right: -0.000+/-0.000 χ^2/NDF : 8.0/4

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 : 8.0/4

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 139936.1/1

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

Right Out: 0.009+/-0.000 χ^2/NDF : 67264.8/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

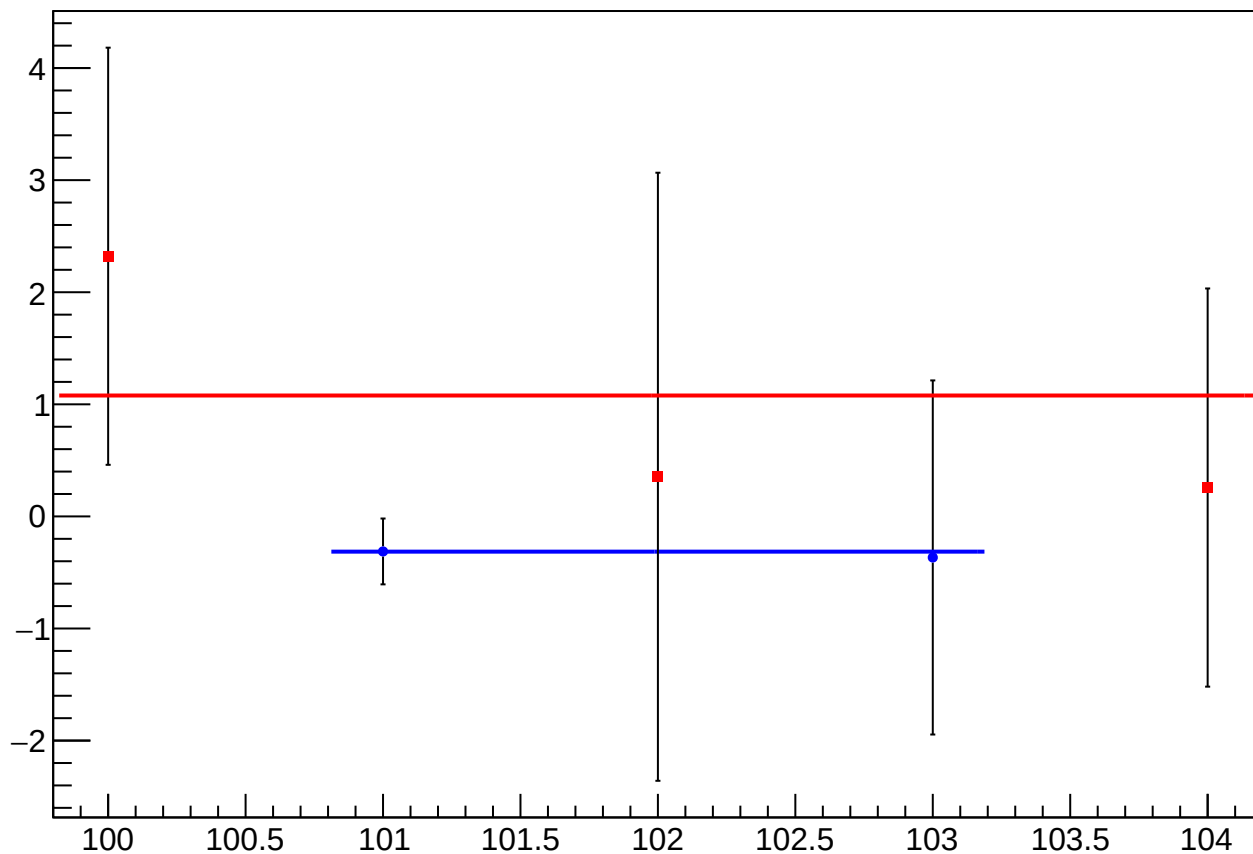
Right: 0.010+/-0.000 χ^2/NDF : 256788.8/4

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 : 256788.8/4

asym_atl1r2_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.314 ± 0.289 χ^2/NDF : 0.0/1

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

Right Out: 1.079 ± 1.161 χ^2/NDF : 0.7/2

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

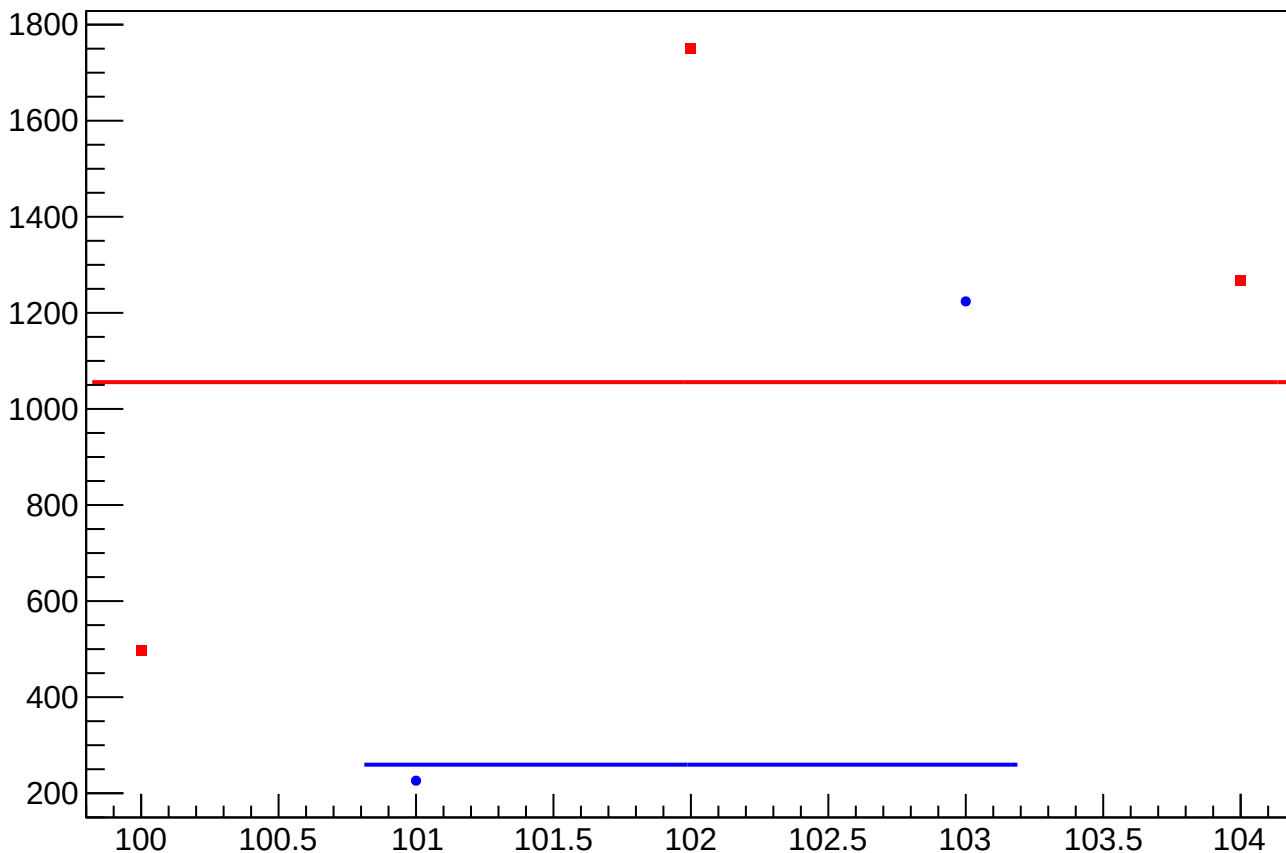
Right: -0.233 ± 0.280 χ^2/NDF : 2.1/4

In: -0.314 ± 0.289 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.233 ± 0.280 χ^2/NDF : 2.1/4

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: 1055.778+/-0.821 χ^2/NDF : 339736.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

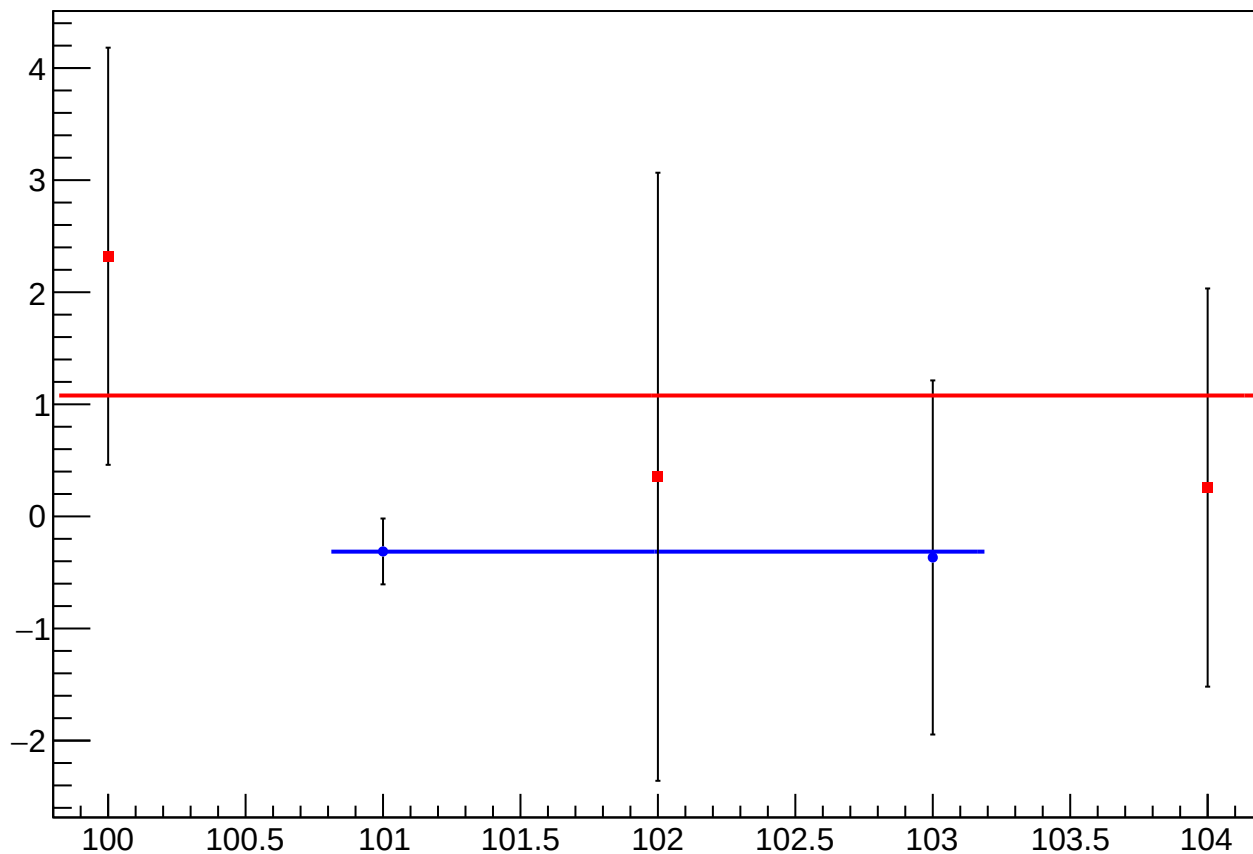
Right: 305.833+/-0.198 χ^2/NDF : 1997008.9/4

In: 259.456+/-0.204 χ^2/NDF : 771391.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.833+/-0.198 χ^2/NDF : 1997008.9/4

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.314 ± 0.289 $\chi^2/\text{NDF}: 0.0/1$

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

Right Out: 1.079 ± 1.161 $\chi^2/\text{NDF}: 0.7/2$

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

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

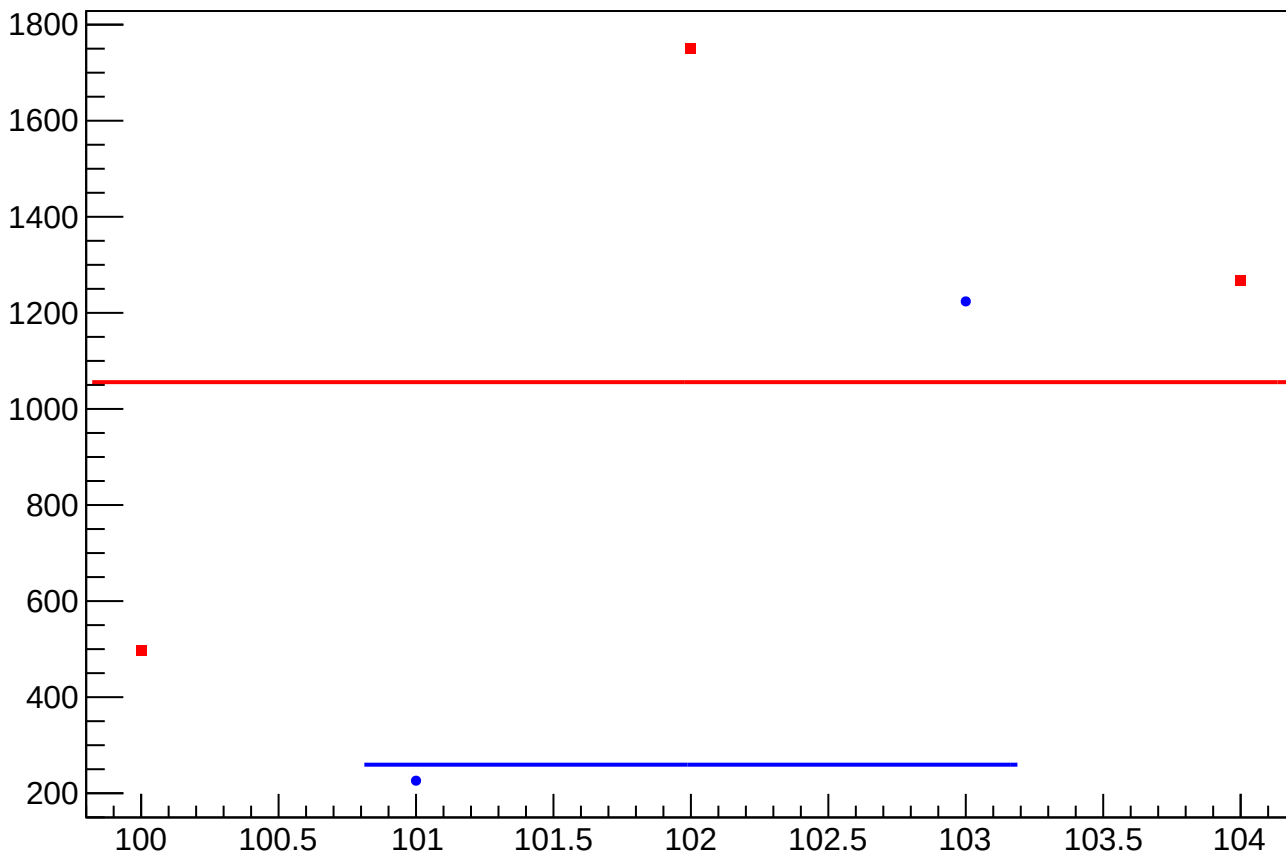
Right: -0.233 ± 0.280 $\chi^2/\text{NDF}: 2.1/4$

In: -0.314 ± 0.289 $\chi^2/\text{NDF}: 0.0/1$

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

All: -0.233 ± 0.280 $\chi^2/\text{NDF}: 2.1/4$

asym_atl1r2_avg_eigen_dit_vs_eigen_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: 1055.778+/-0.821 χ^2/NDF : 339736.0/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

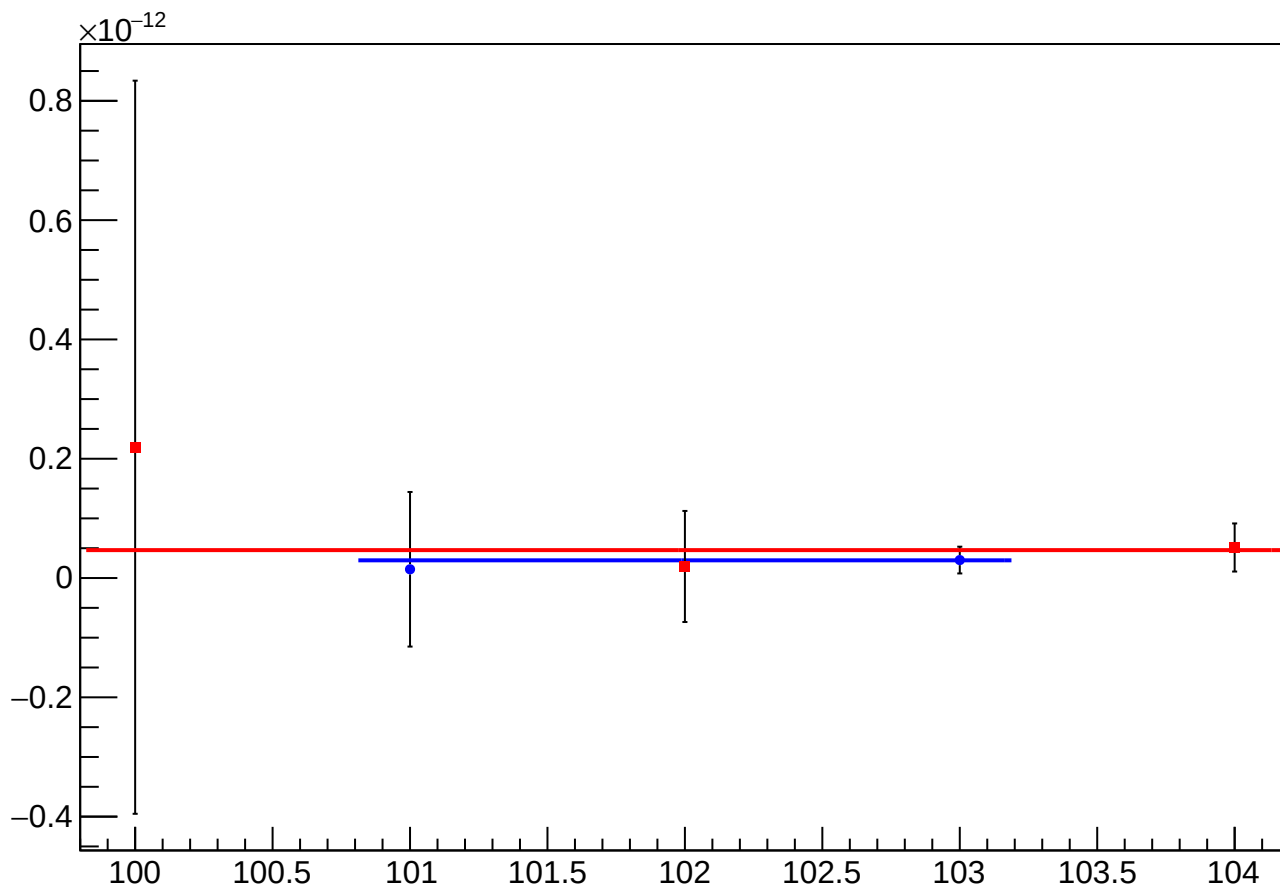
Right: 305.833+/-0.198 χ^2/NDF : 1997008.9/4

In: 259.456+/-0.204 χ^2/NDF : 771391.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.833+/-0.198 χ^2/NDF : 1997008.9/4

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 : 0.2/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

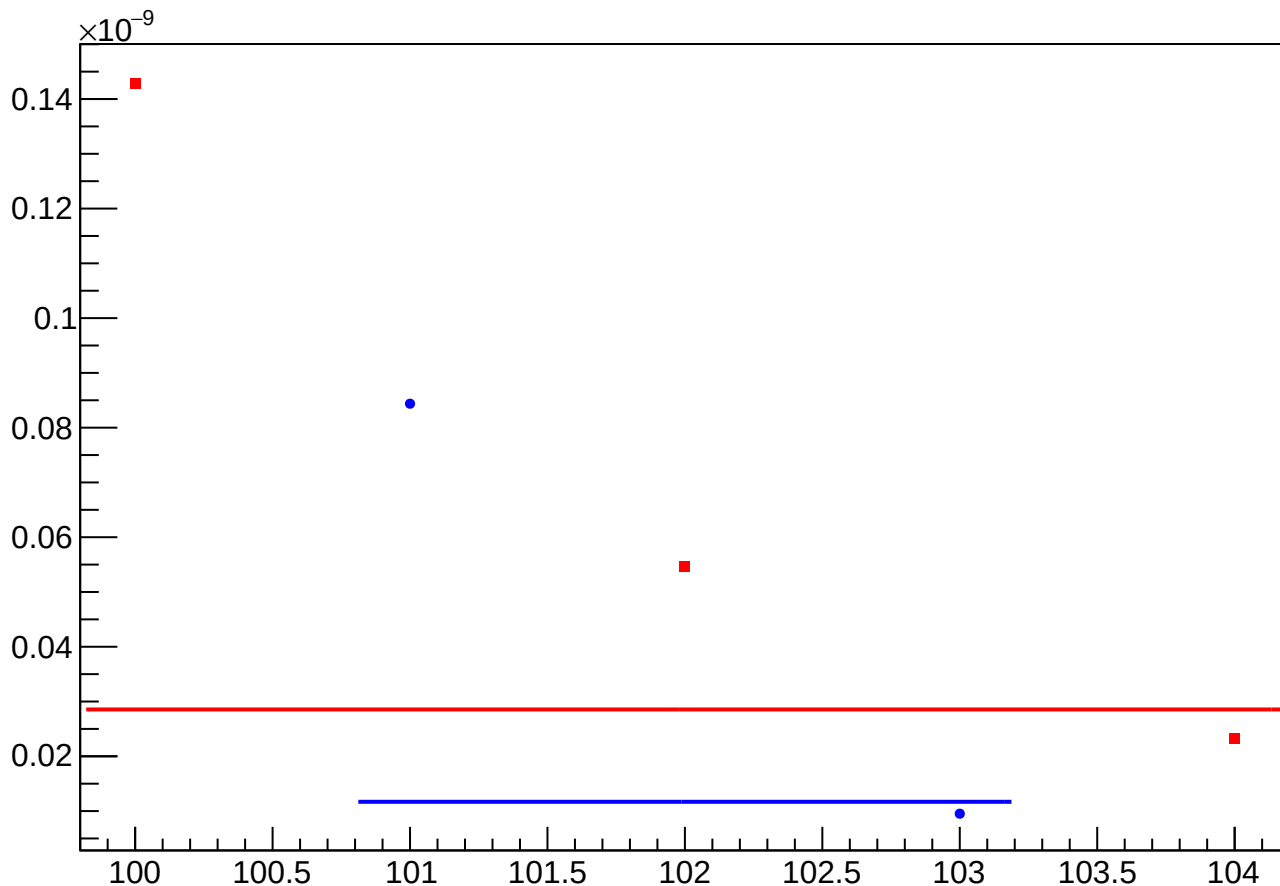
Right: 0.000+/-0.000 χ^2/NDF : 0.3/4

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 : 0.3/4

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 : 261644.1/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

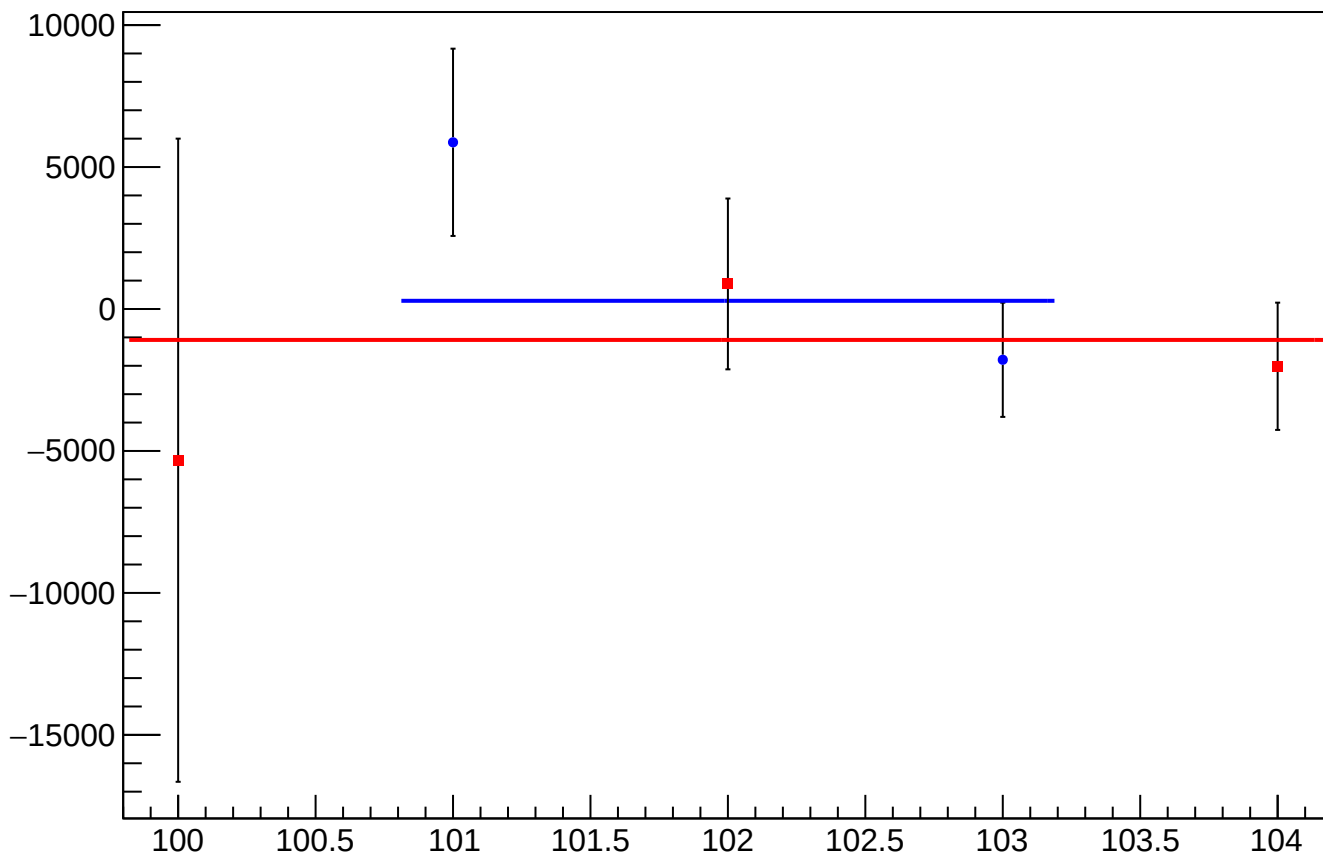
Right: 0.000+/-0.000 χ^2/NDF : 1216379.9/4

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 : 1216379.9/4

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: -1089.081+/-1774.944 χ^2/NDF : 0.7/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

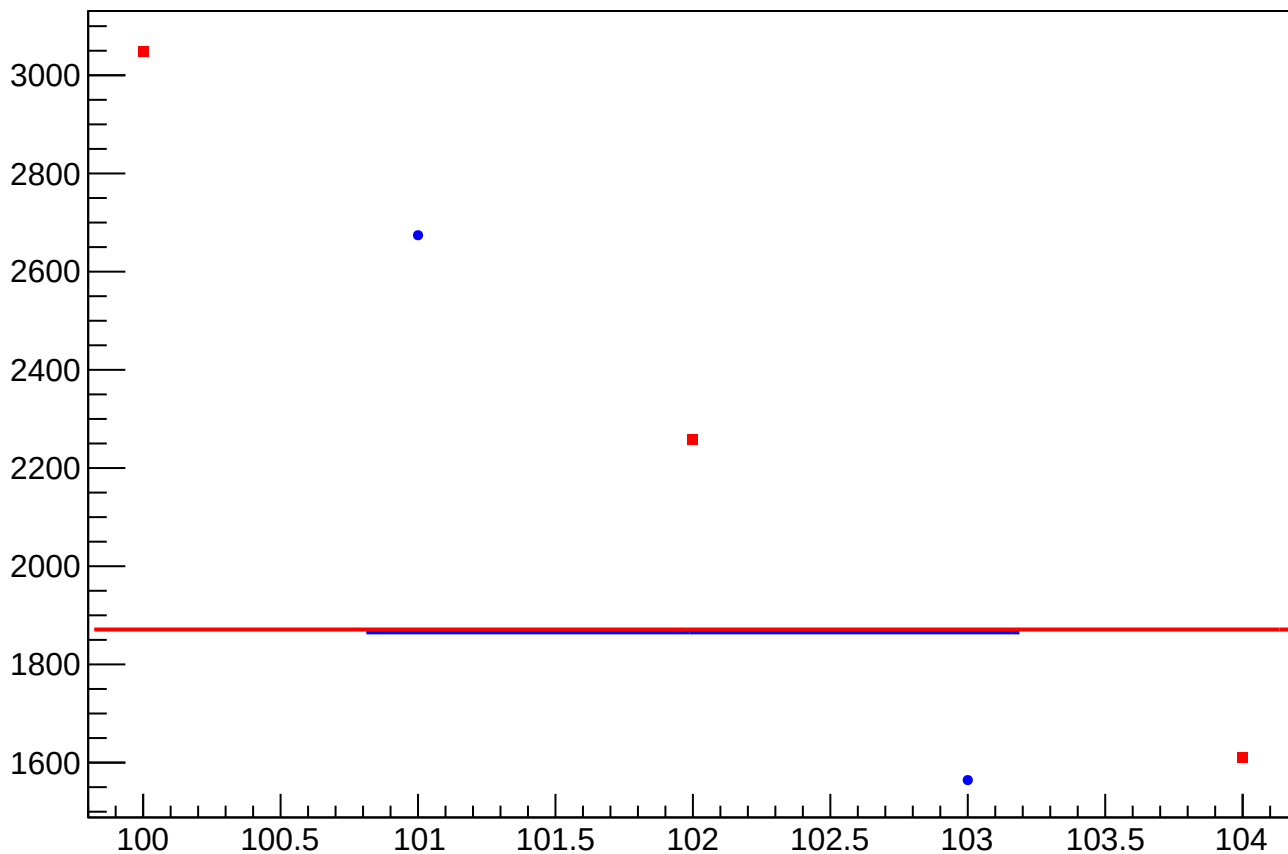
Right: -377.534+/-1234.218 χ^2/NDF : 5.0/4

In: 288.605+/-1717.374 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.534+/-1234.218 χ^2/NDF : 5.0/4

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: 1871.106+/-1.255 χ^2/NDF : 81921.3/2

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

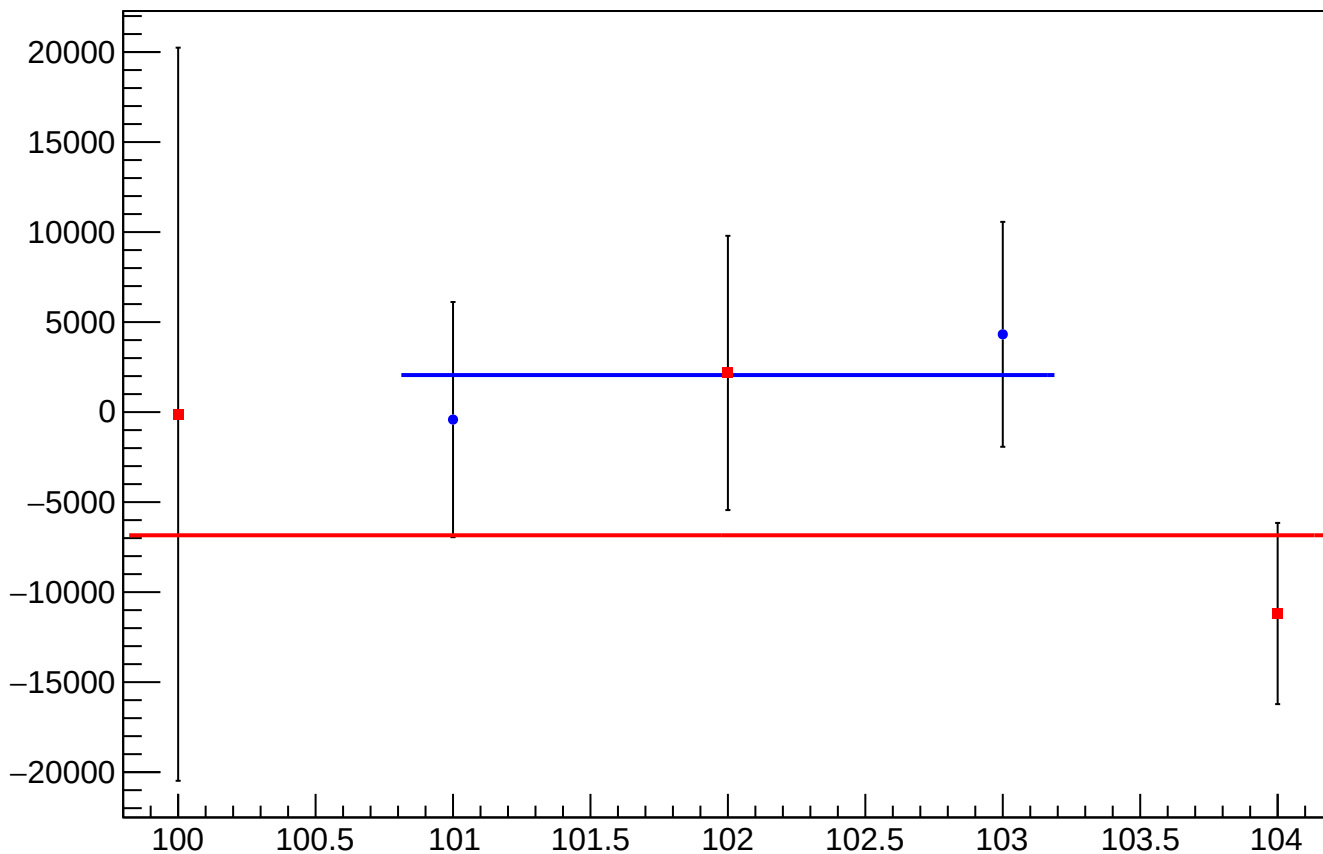
Right: 1868.117+/-0.873 χ^2/NDF : 247009.1/4

In: 1865.319+/-1.214 χ^2/NDF : 165076.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.117+/-0.873 χ^2/NDF : 247009.1/4

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: -6841.462+/-4112.443 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

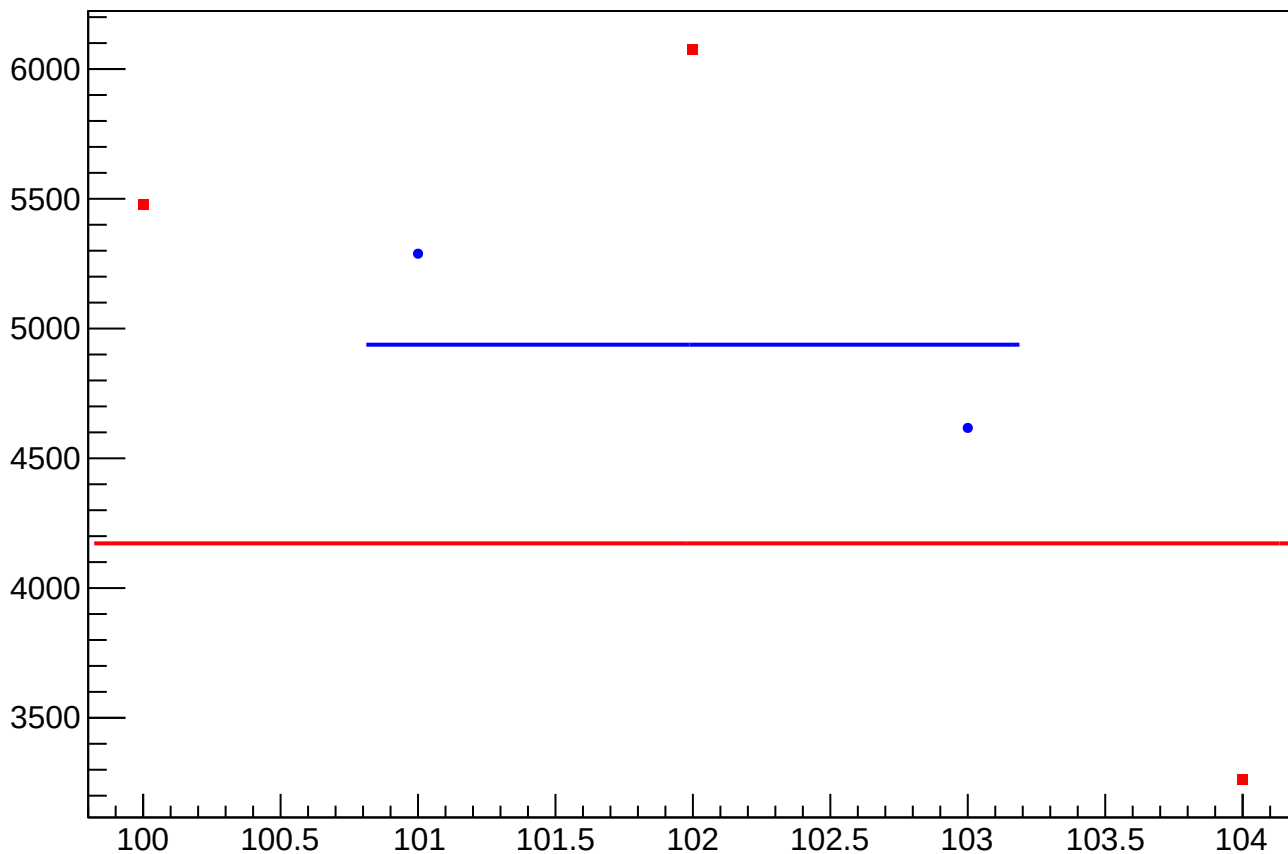
Right: -2805.345+/-3040.120 χ^2/NDF : 4.7/4

In: 2058.257+/-4514.369 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2805.345+/-3040.120 χ^2/NDF : 4.7/4

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: 4172.237+/-2.908 χ^2/NDF : 198884.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

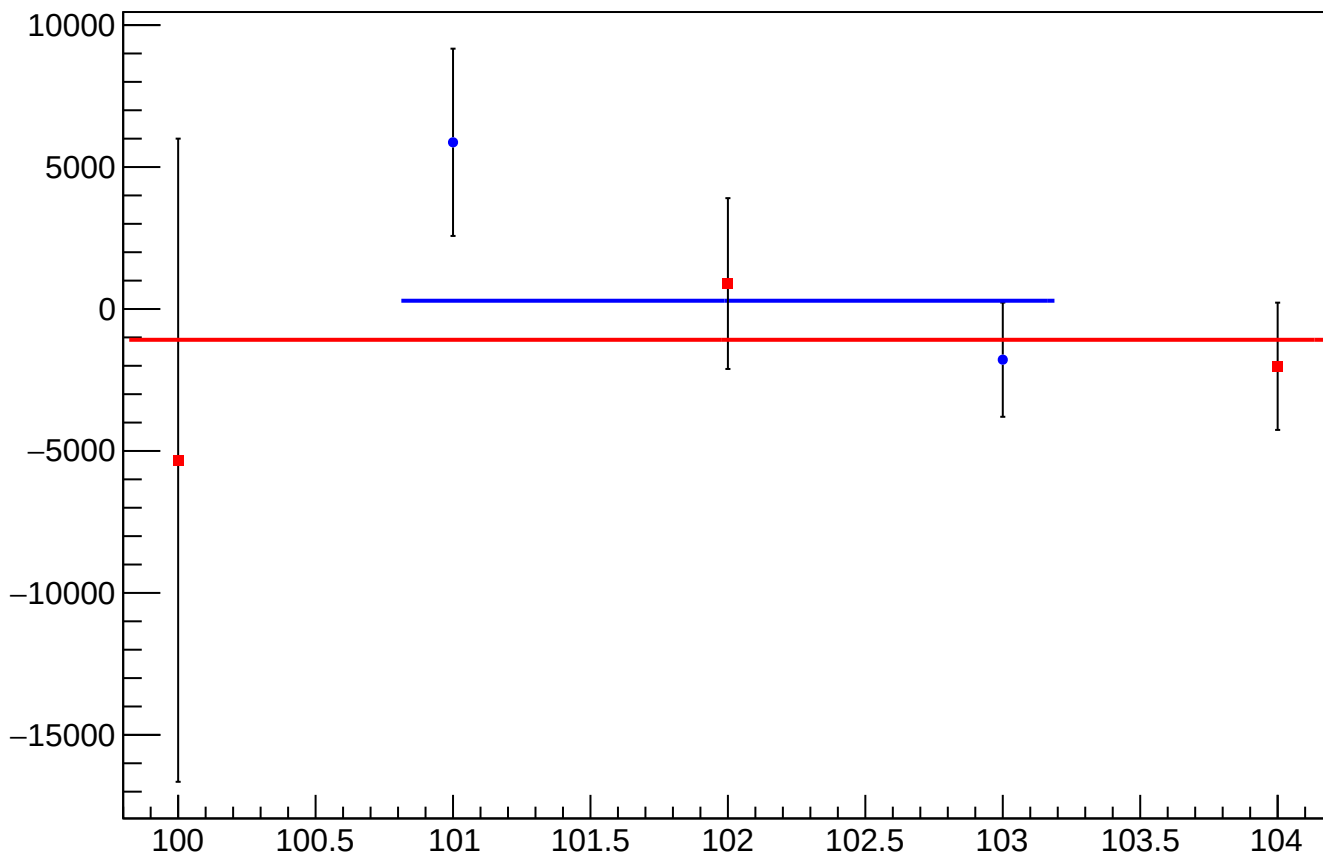
Right: 4519.453+/-2.150 χ^2/NDF : 241356.6/4

In: 4937.856+/-3.192 χ^2/NDF : 11034.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4519.453+/-2.150 χ^2/NDF : 241356.6/4

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: -1084.522+/-1774.946 χ^2 /NDF: 0.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

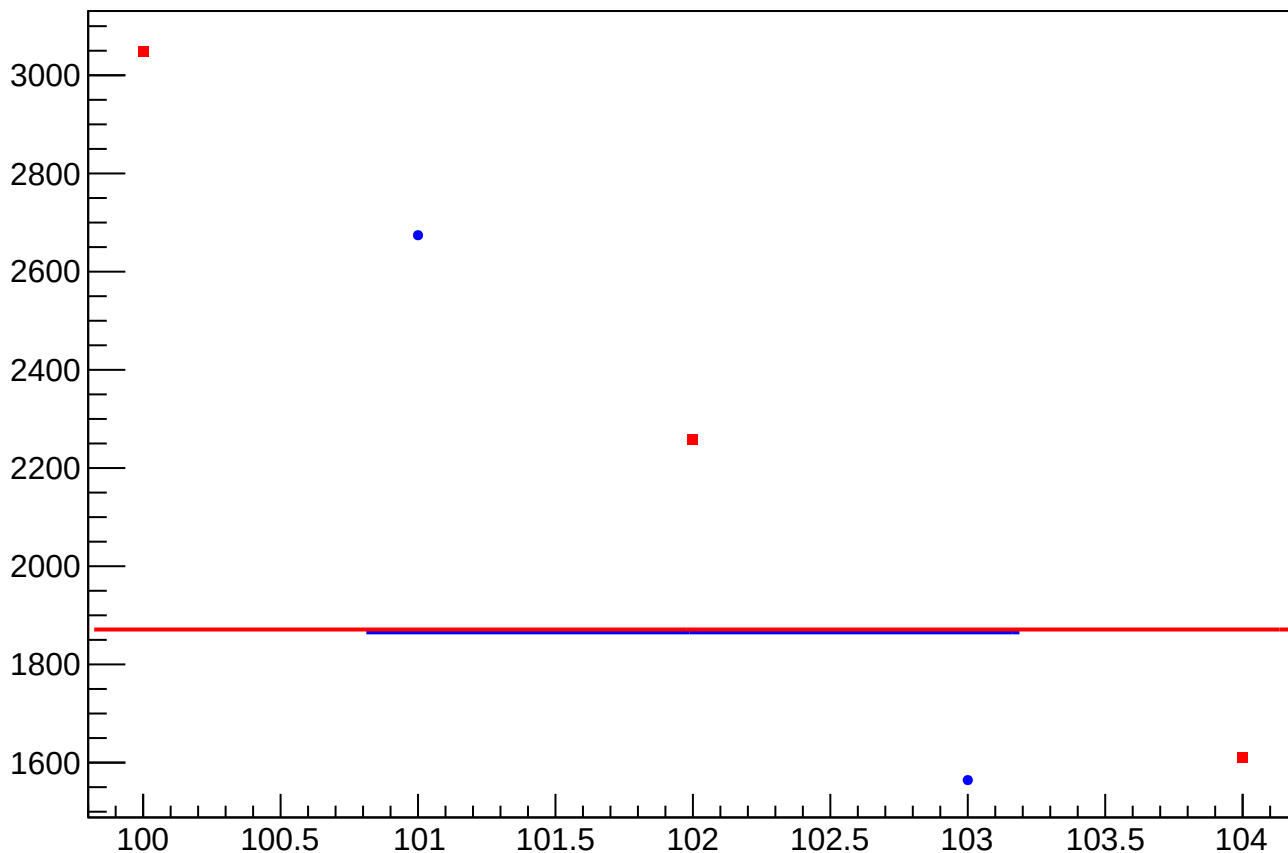
Right: -373.982+/-1234.219 χ^2 /NDF: 5.0/4

In: 291.214+/-1717.376 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -373.982+/-1234.219 χ^2 /NDF: 5.0/4

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: 1871.106+/-1.255 χ^2/NDF : 81921.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

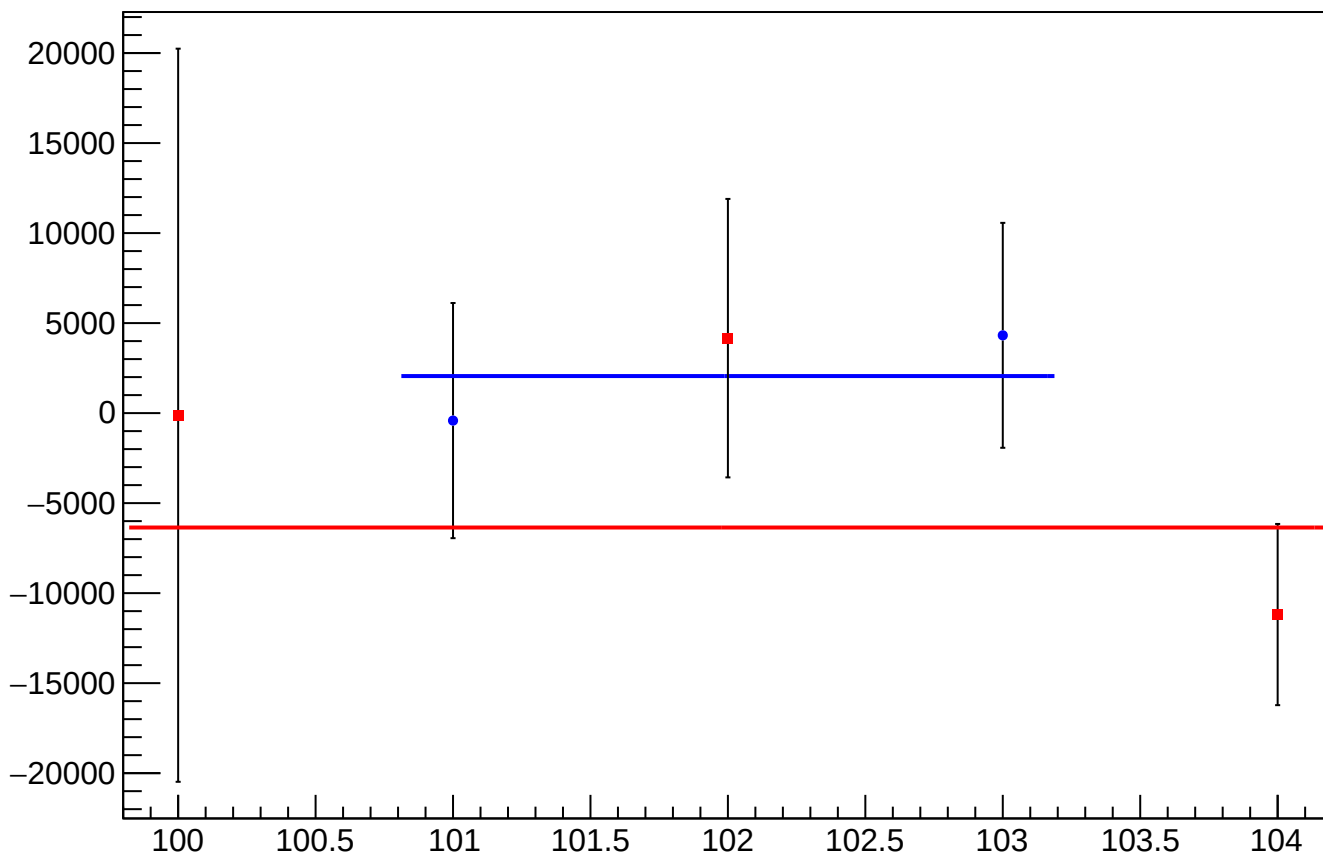
Right: 1868.118+/-0.873 χ^2/NDF : 247008.4/4

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.118+/-0.873 χ^2/NDF : 247008.4/4

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: -6355.004+/-4130.554 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

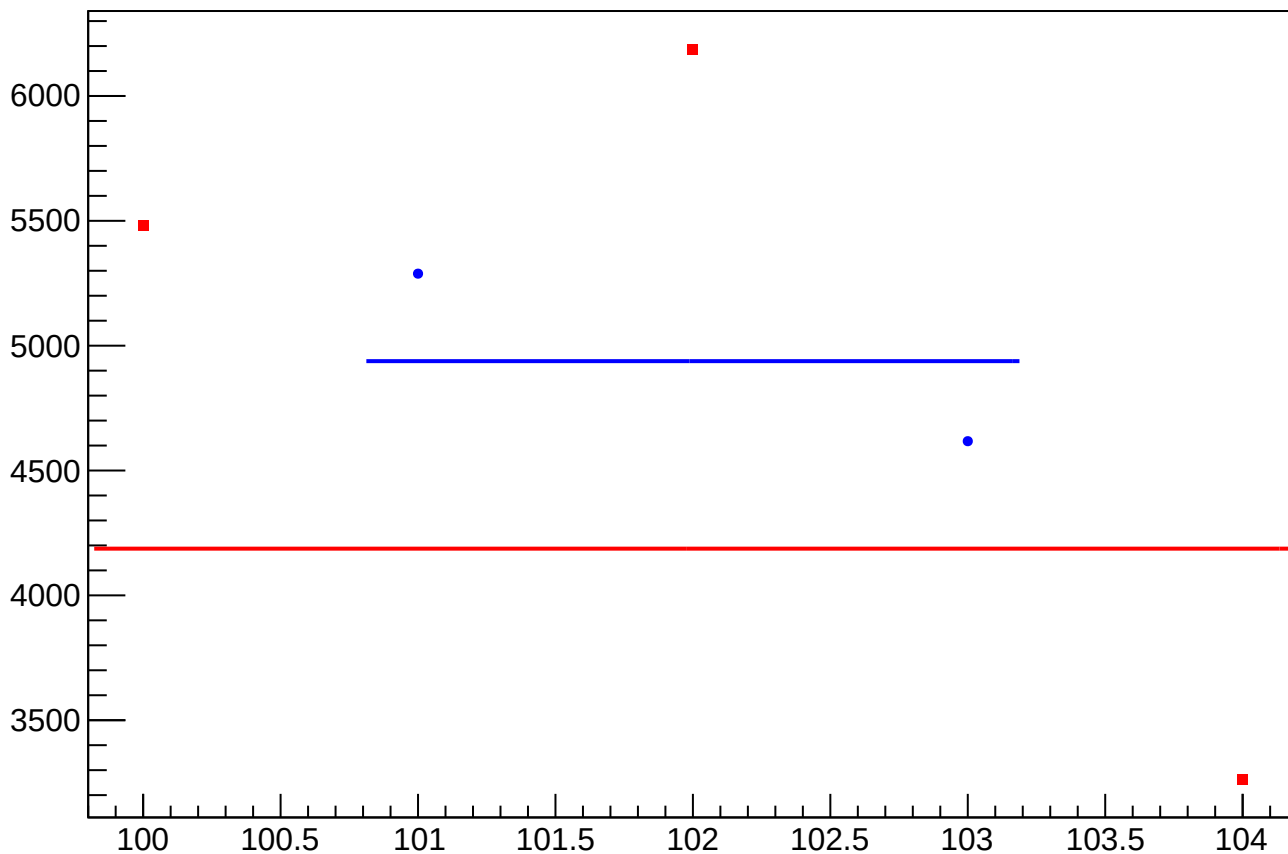
Right: -2521.554+/-3047.476 χ^2/NDF : 5.0/4

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2521.554+/-3047.476 χ^2/NDF : 5.0/4

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: 4187.117+/-2.921 χ^2/NDF : 209659.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

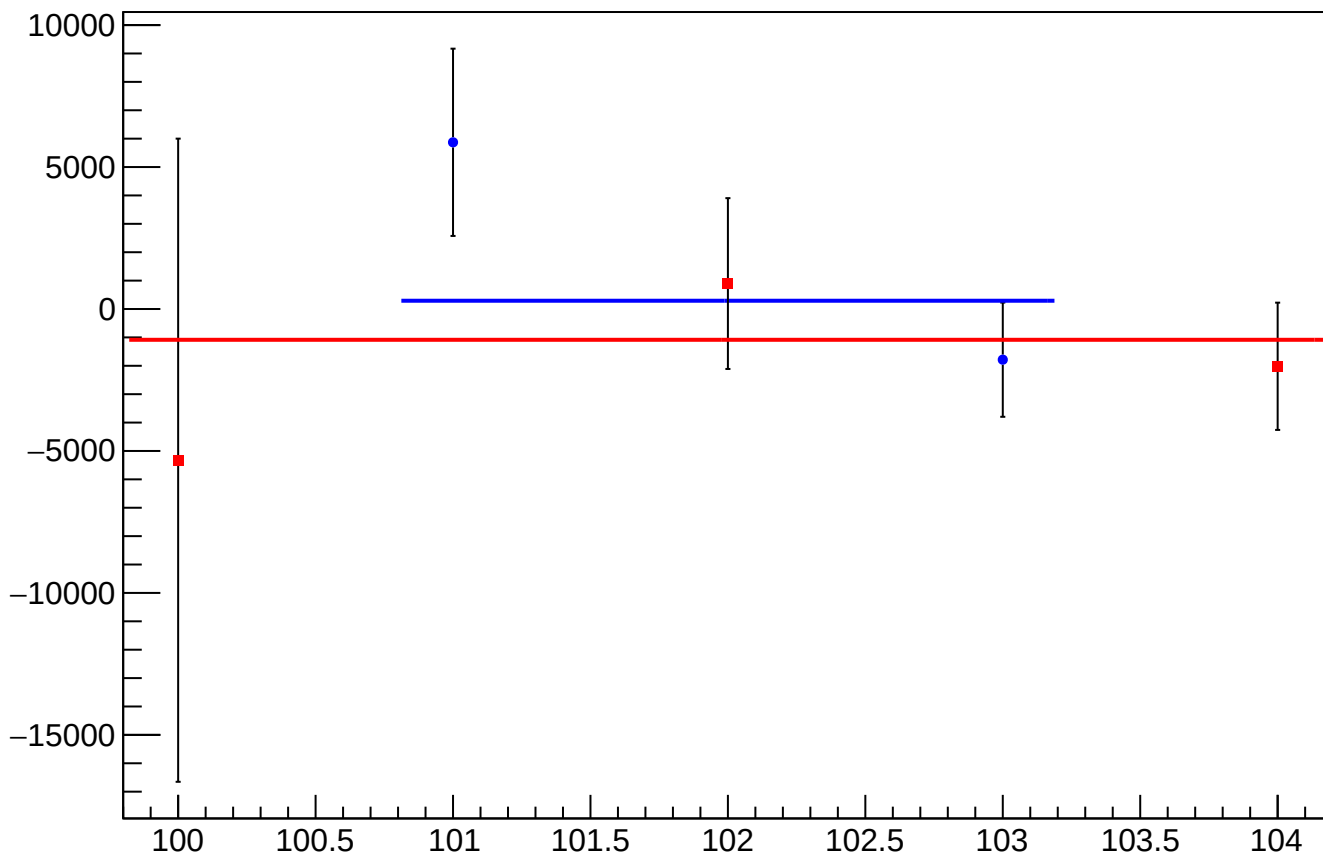
Right: 4529.301+/-2.155 χ^2/NDF : 250802.7/4

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4529.301+/-2.155 χ^2/NDF : 250802.7/4

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: -1084.522+/-1774.946 χ^2 /NDF: 0.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

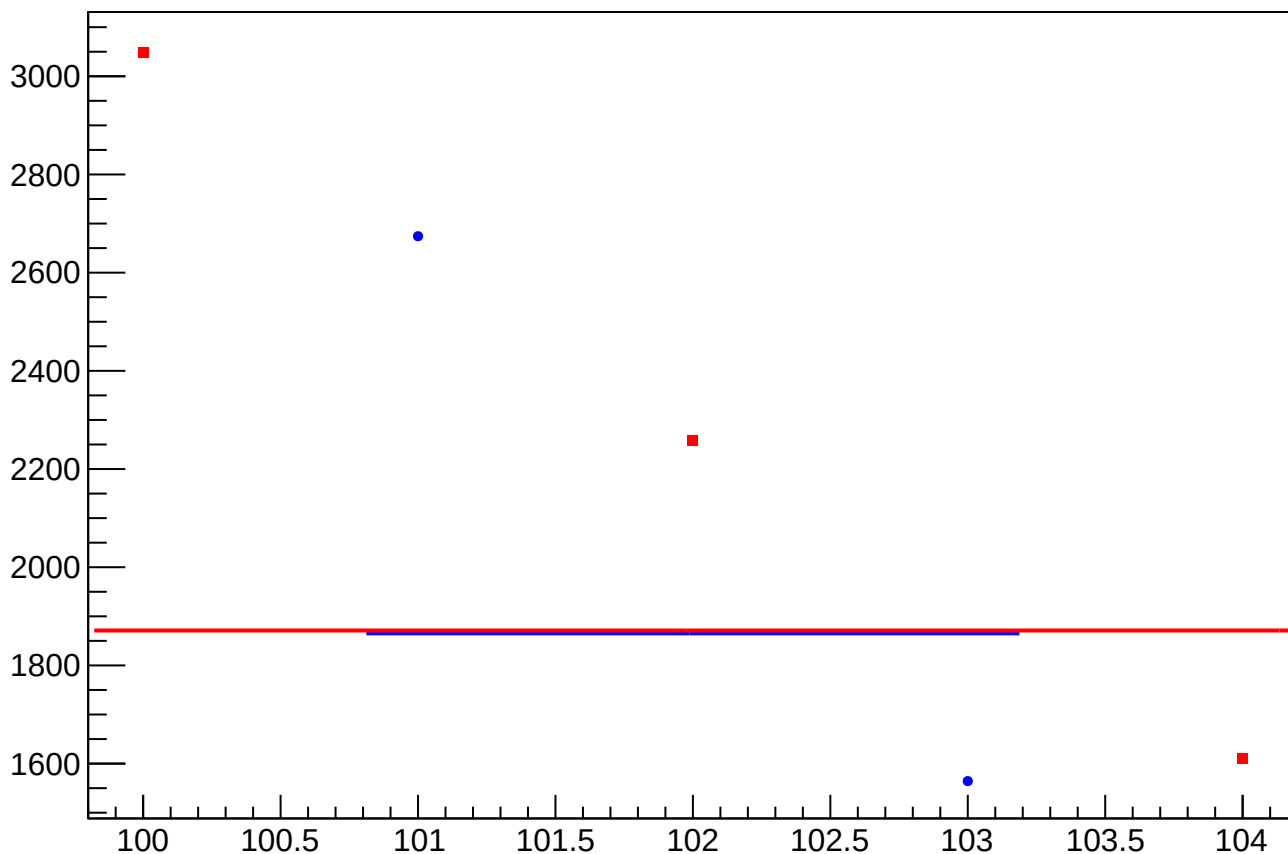
Right: -373.982+/-1234.219 χ^2 /NDF: 5.0/4

In: 291.214+/-1717.376 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -373.982+/-1234.219 χ^2 /NDF: 5.0/4

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: 1871.106+/-1.255 χ^2/NDF : 81921.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

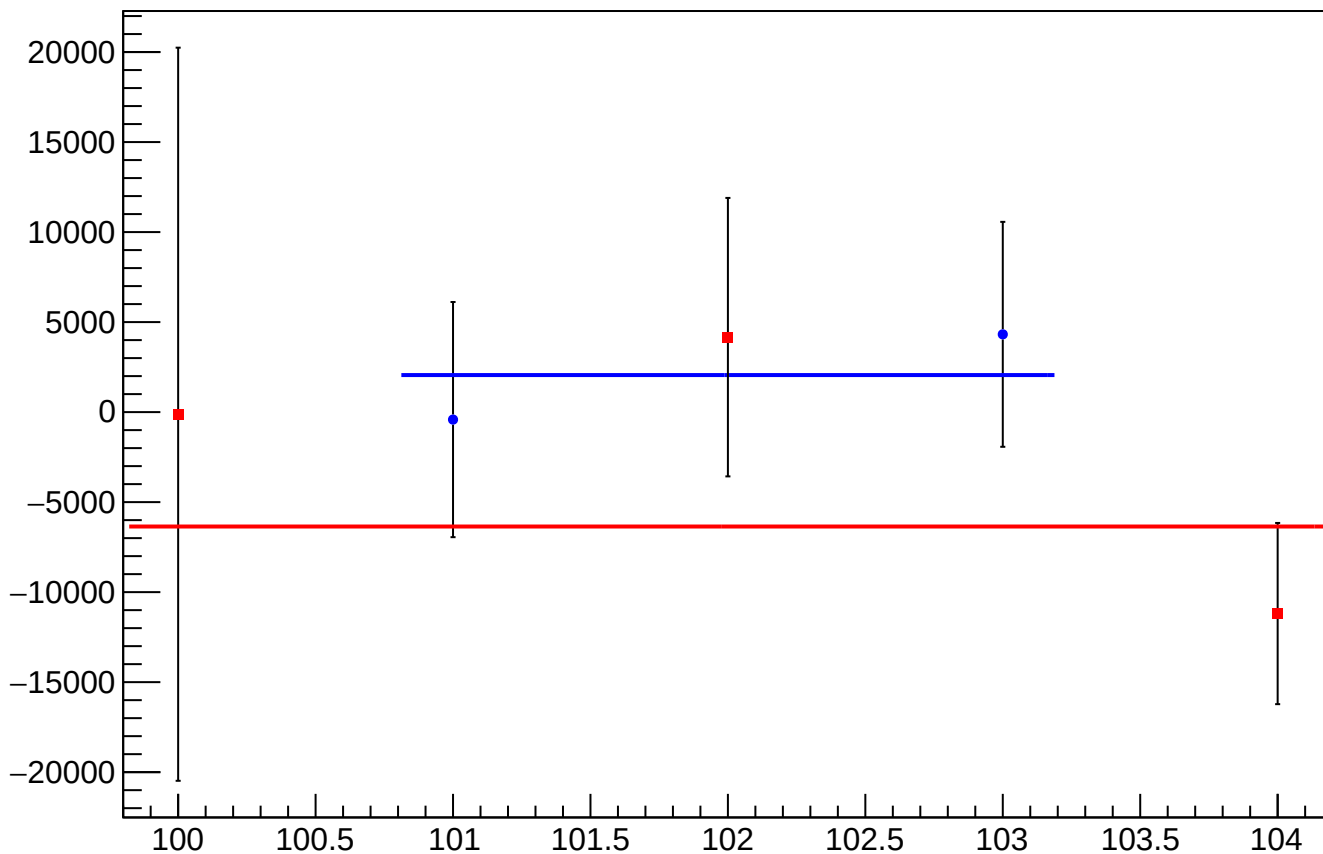
Right: 1868.118+/-0.873 χ^2/NDF : 247008.4/4

In: 1865.321+/-1.214 χ^2/NDF : 165075.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.118+/-0.873 χ^2/NDF : 247008.4/4

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: -6355.004+/-4130.554 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

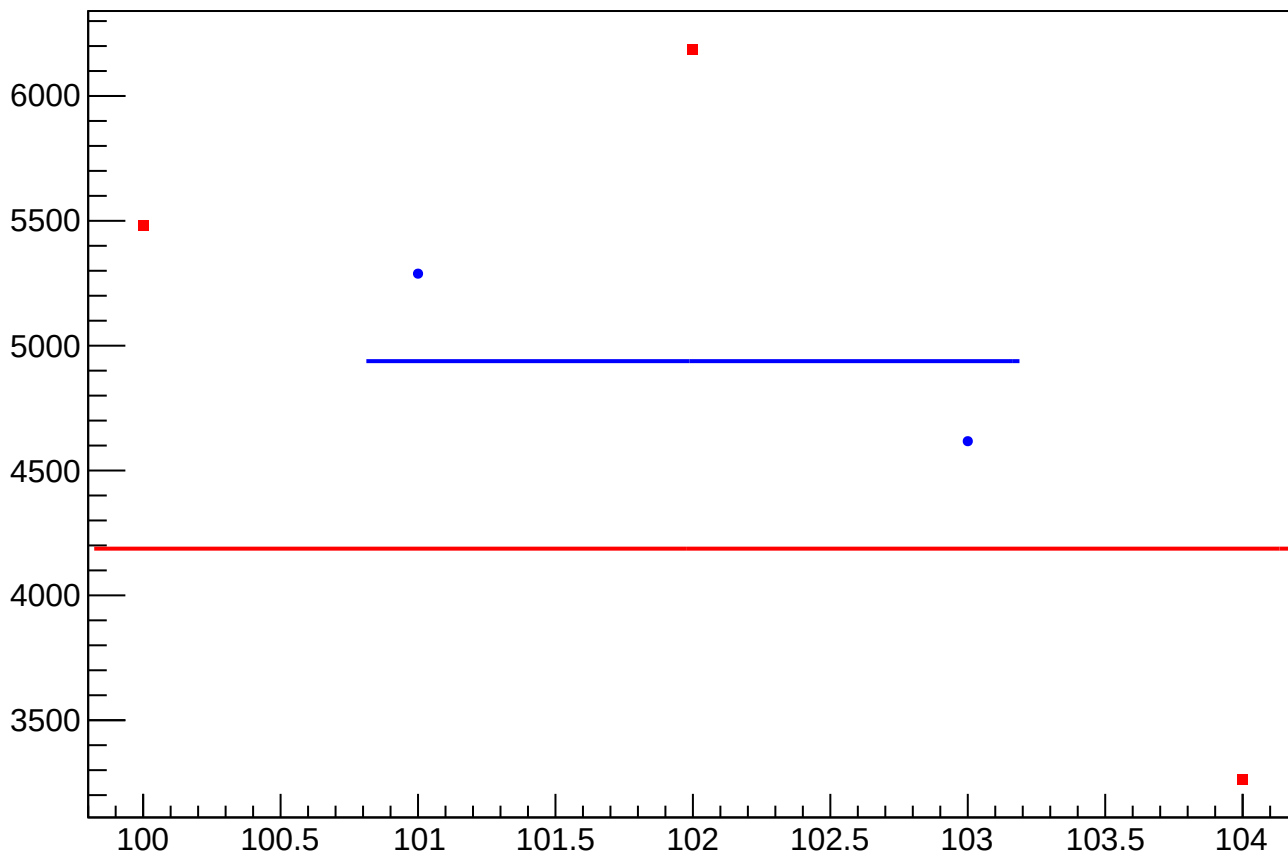
Right: -2521.554+/-3047.476 χ^2/NDF : 5.0/4

In: 2057.813+/-4514.568 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2521.554+/-3047.476 χ^2/NDF : 5.0/4

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: 4187.117+/-2.921 χ^2/NDF : 209659.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

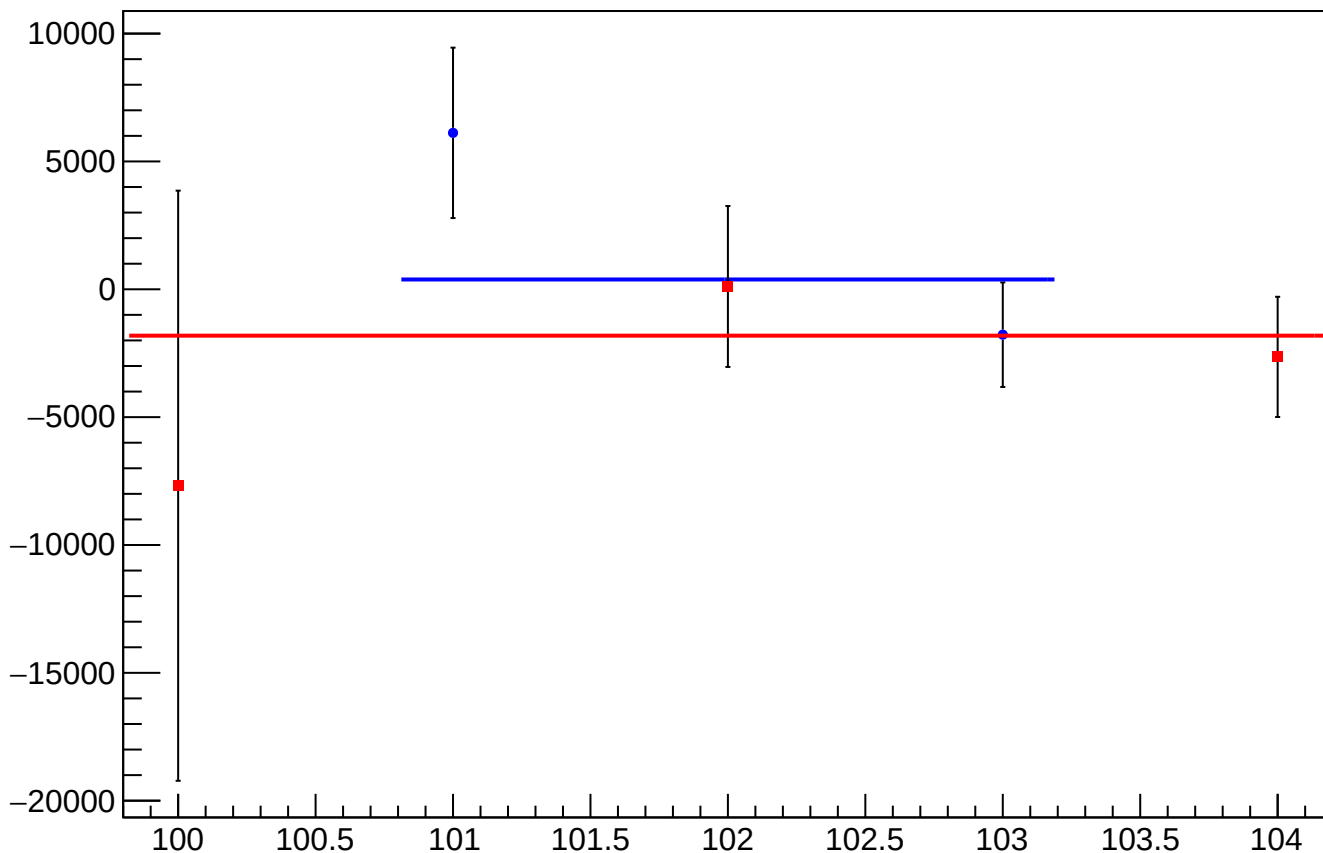
Right: 4529.301+/-2.155 χ^2/NDF : 250802.7/4

In: 4938.068+/-3.192 χ^2/NDF : 11021.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4529.301+/-2.155 χ^2/NDF : 250802.7/4

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: -1813.732+/-1858.735 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

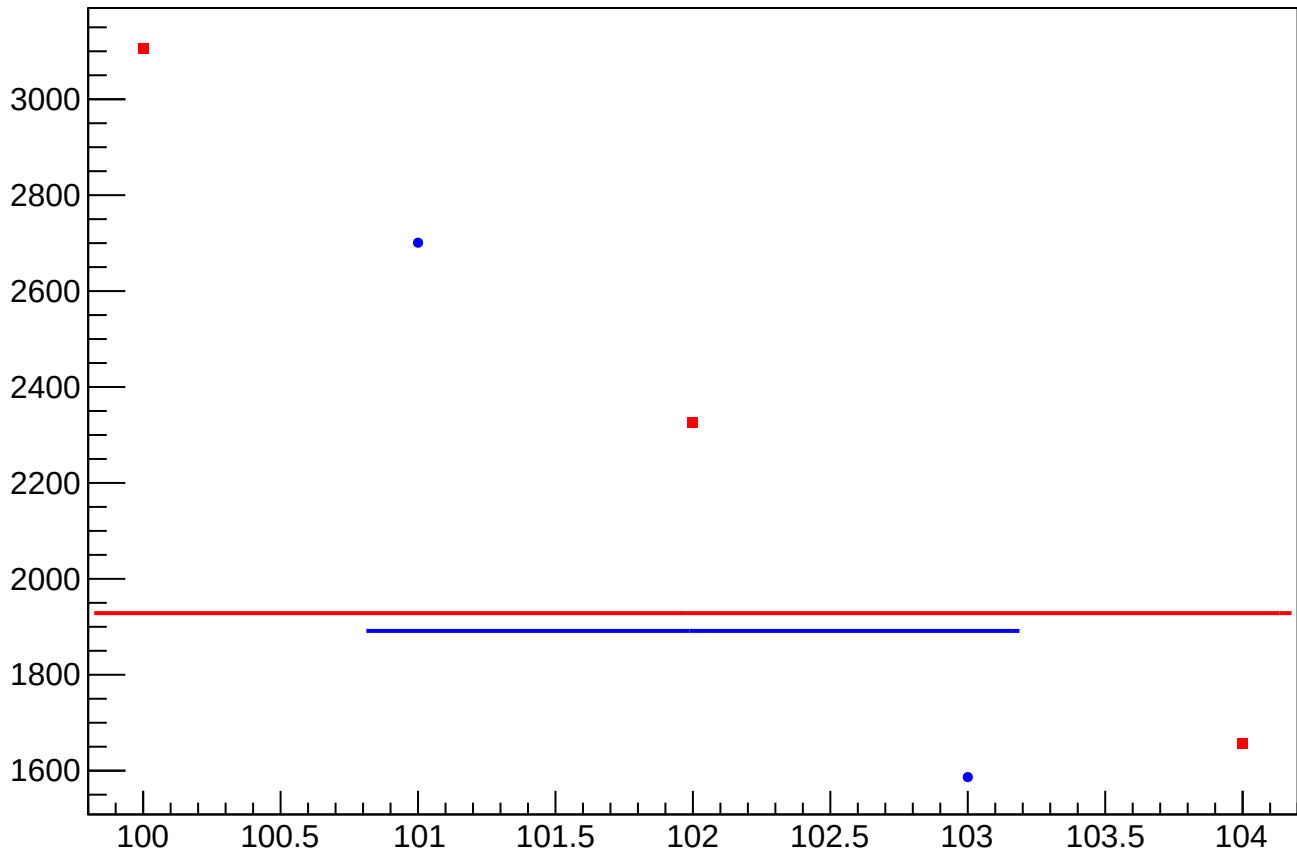
Right: -644.009+/-1271.283 χ^2/NDF : 5.6/4

In: 384.122+/-1742.610 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -644.009+/-1271.283 χ^2/NDF : 5.6/4

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: 1928.535+/-1.314 χ^2/NDF : 79442.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

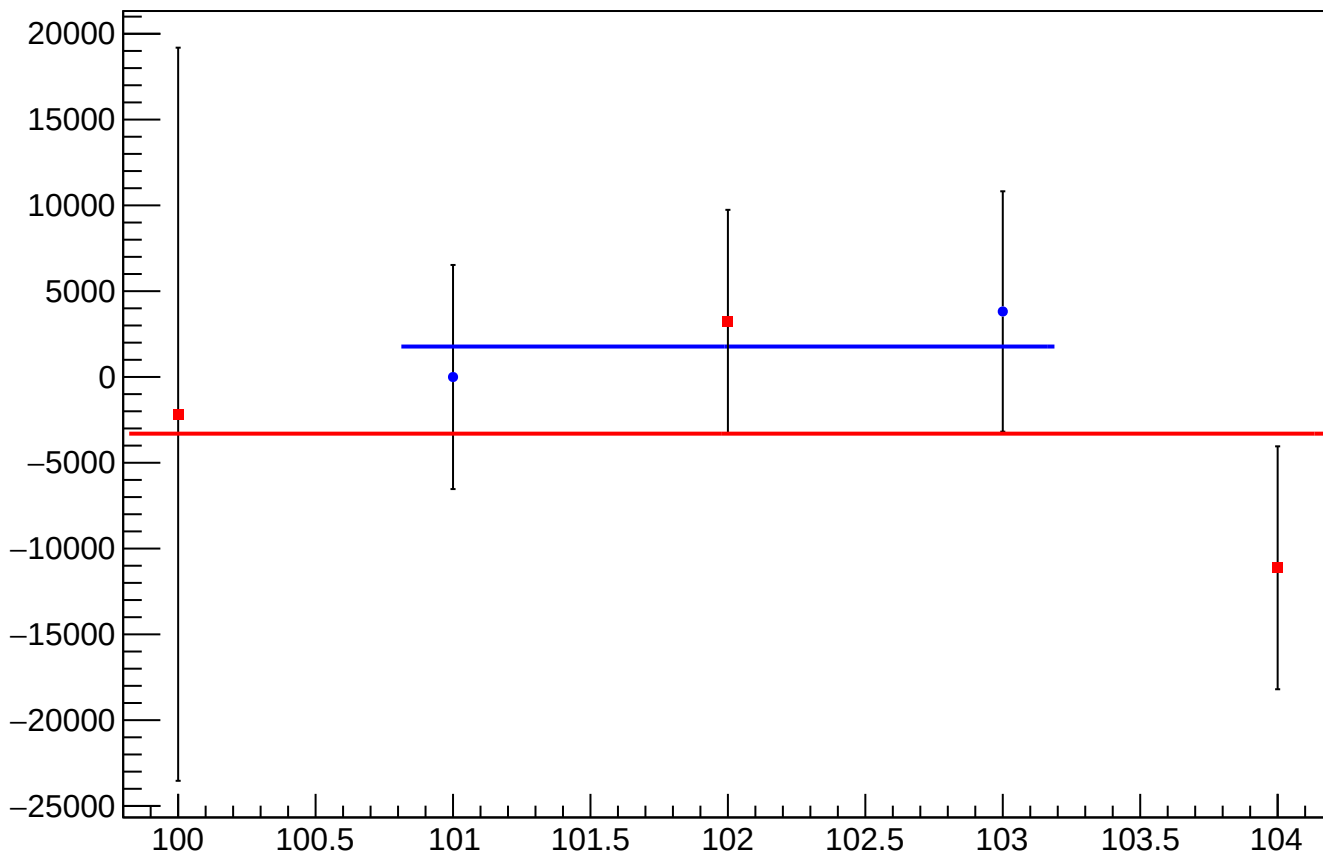
Right: 1908.799+/-0.899 χ^2/NDF : 242366.0/4

In: 1891.452+/-1.232 χ^2/NDF : 162500.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.799+/-0.899 χ^2/NDF : 242366.0/4

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1773.635 $\pm$ 4776.282 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3303.648 $\pm$ 4678.732 χ^2 /NDF: 2.2/2

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

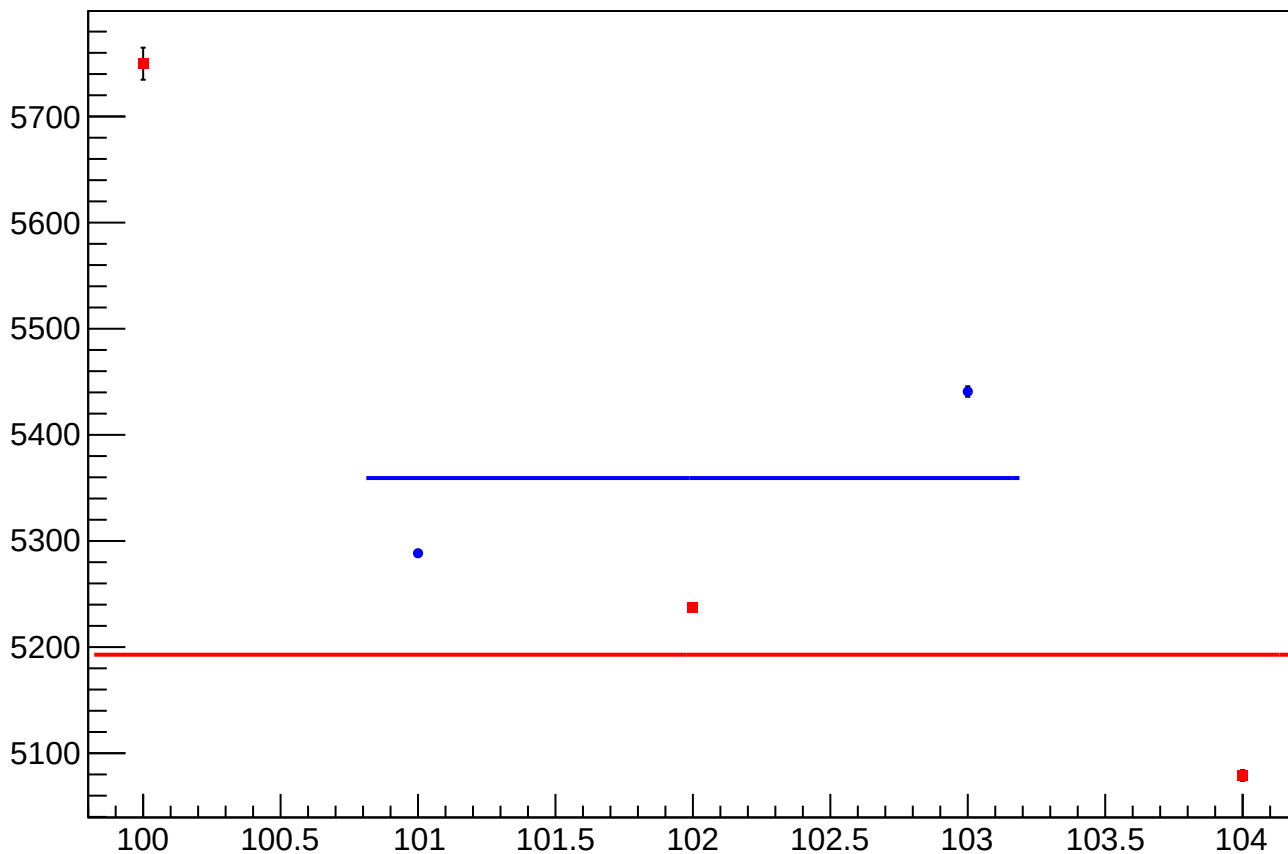
Right: -817.384 $\pm$ 3342.319 χ^2 /NDF: 3.0/4

In: 1773.635 $\pm$ 4776.282 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -817.384 $\pm$ 3342.319 χ^2 /NDF: 3.0/4

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: 5192.832+/-3.308 χ^2/NDF : 1970.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

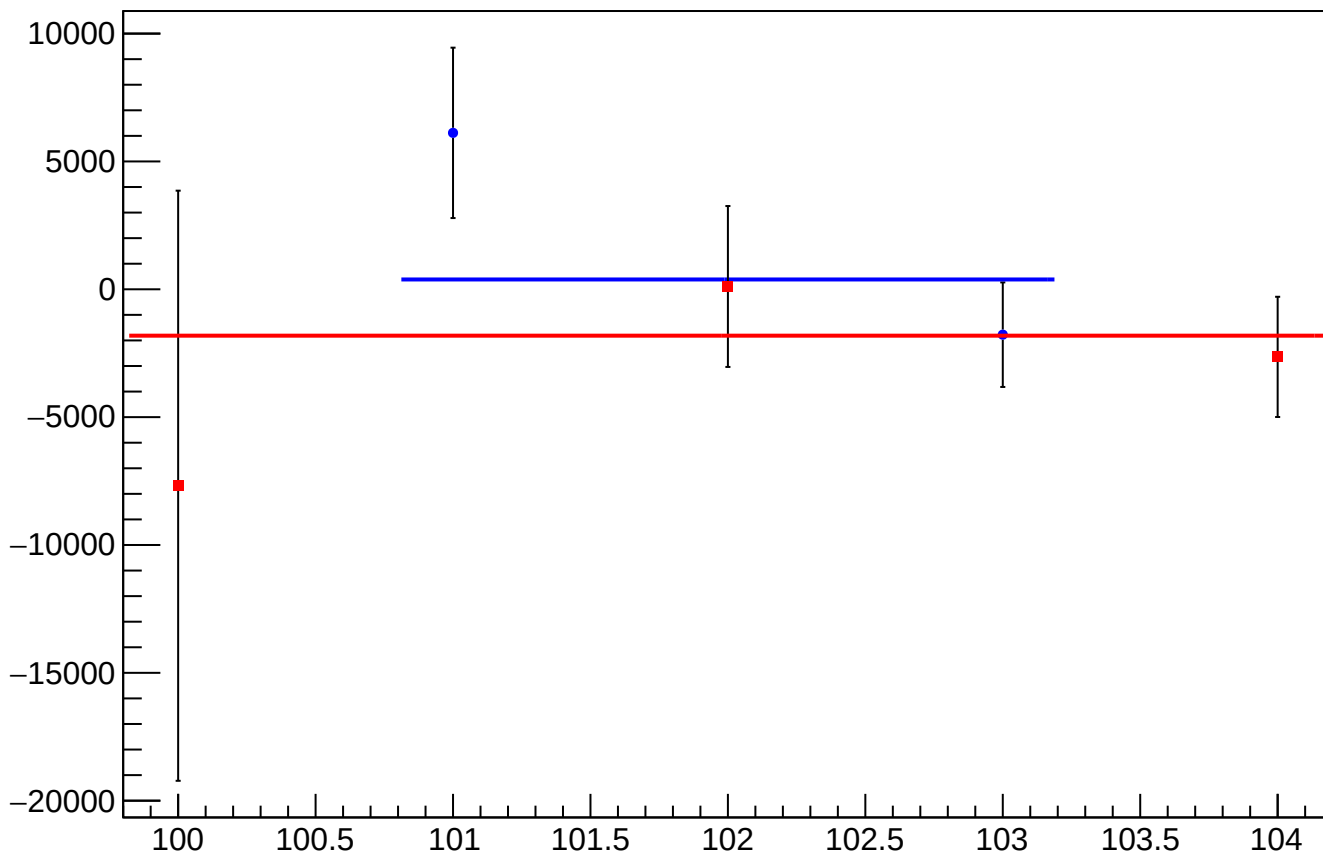
Right: 5274.350+/-2.363 χ^2/NDF : 3716.6/4

In: 5359.303+/-3.377 χ^2/NDF : 506.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5274.350+/-2.363 χ^2/NDF : 3716.6/4

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: -1813.741+/-1858.735 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

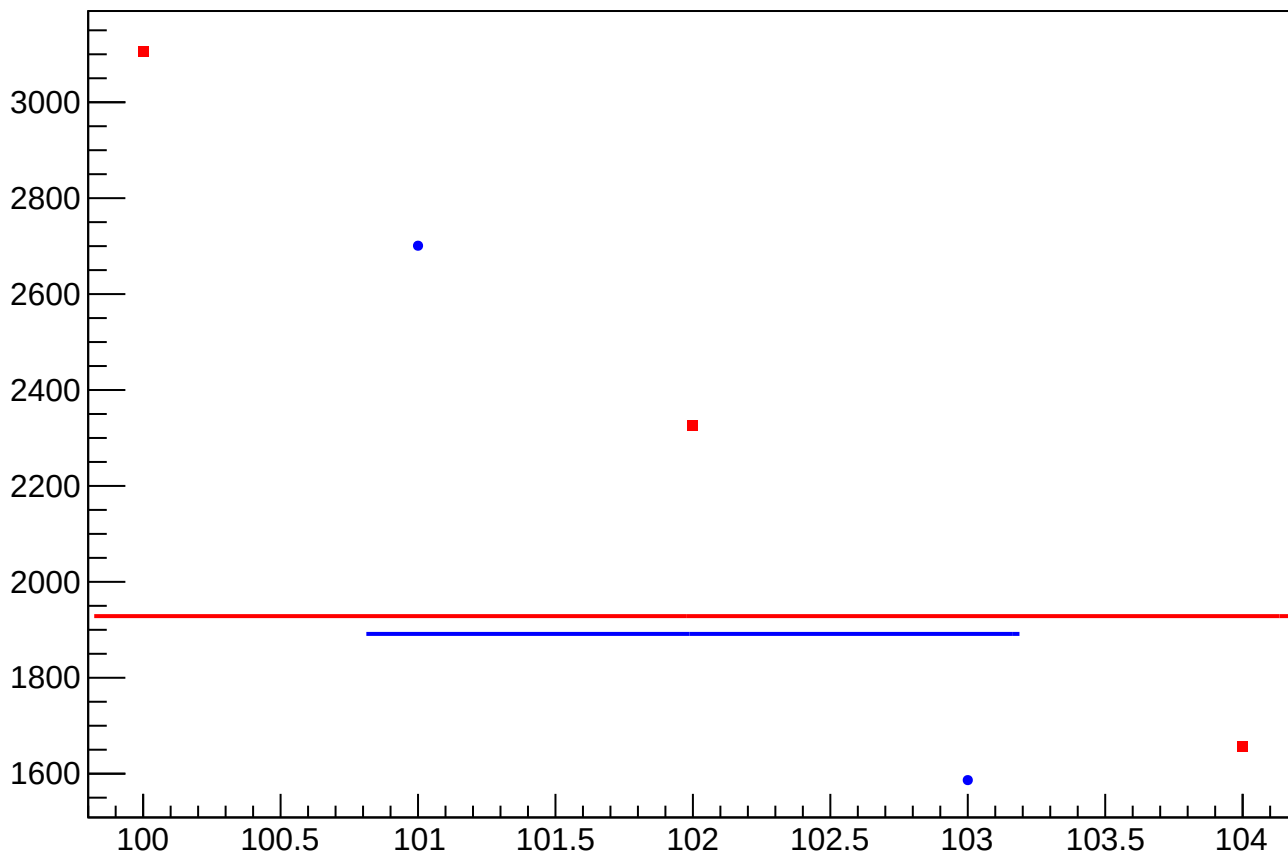
Right: -644.009+/-1271.283 χ^2/NDF : 5.6/4

In: 384.130+/-1742.610 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -644.009+/-1271.283 χ^2/NDF : 5.6/4

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: 1928.535+/-1.314 χ^2/NDF : 79442.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

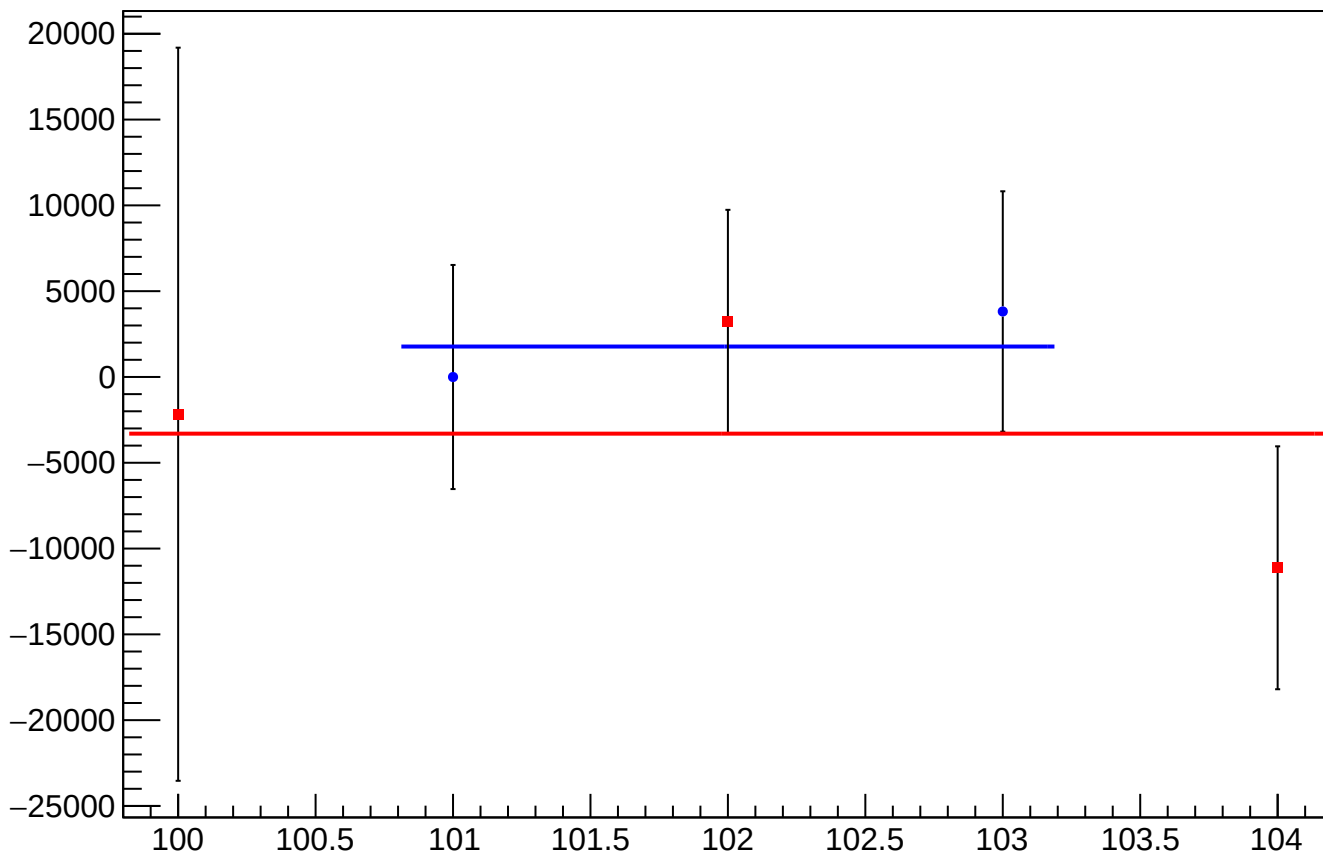
Right: 1908.799+/-0.899 χ^2/NDF : 242365.8/4

In: 1891.452+/-1.232 χ^2/NDF : 162500.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1908.799+/-0.899 χ^2/NDF : 242365.8/4

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: -3303.654+/-4678.735 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

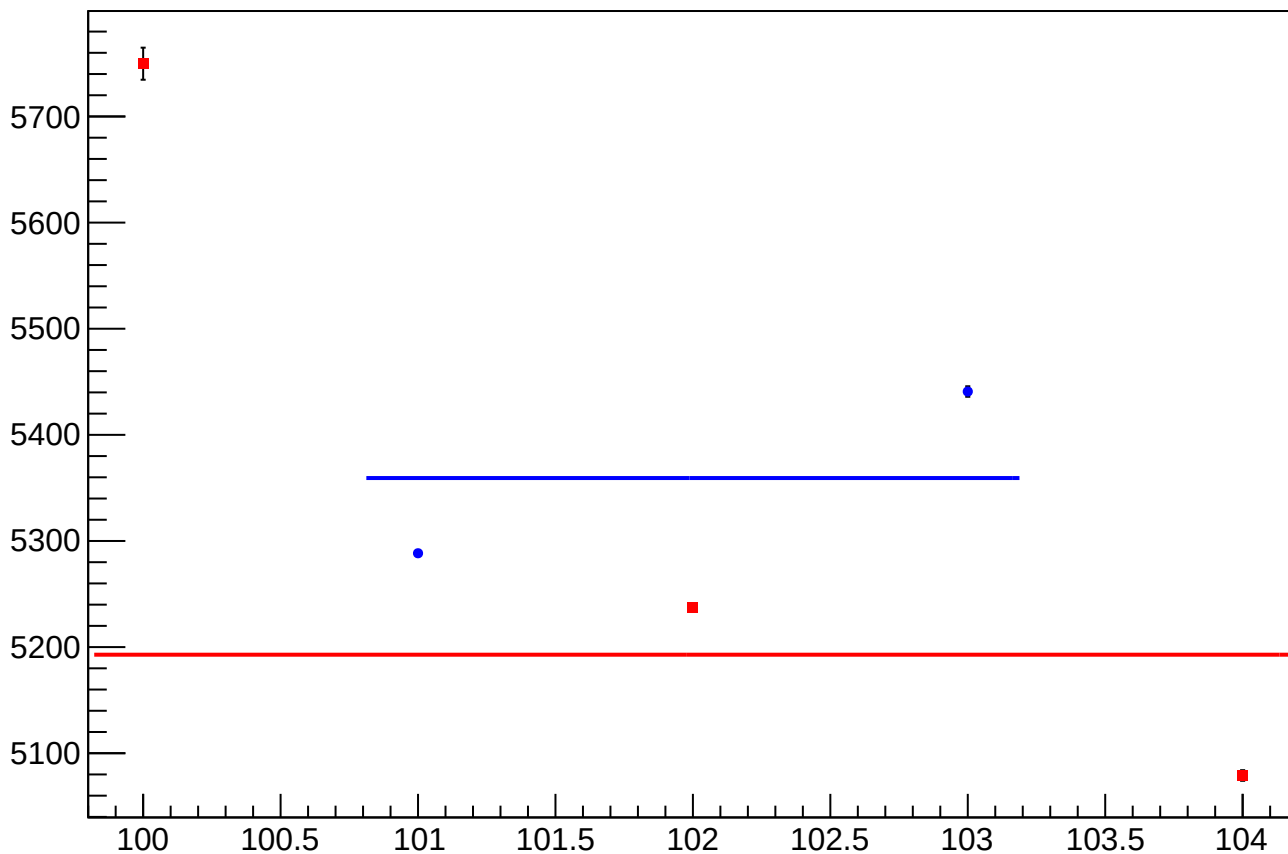
Right: -817.379+/-3342.319 χ^2/NDF : 3.0/4

In: 1773.647+/-4776.281 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -817.379+/-3342.319 χ^2/NDF : 3.0/4

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: 5192.835+/-3.308 χ^2/NDF : 1970.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

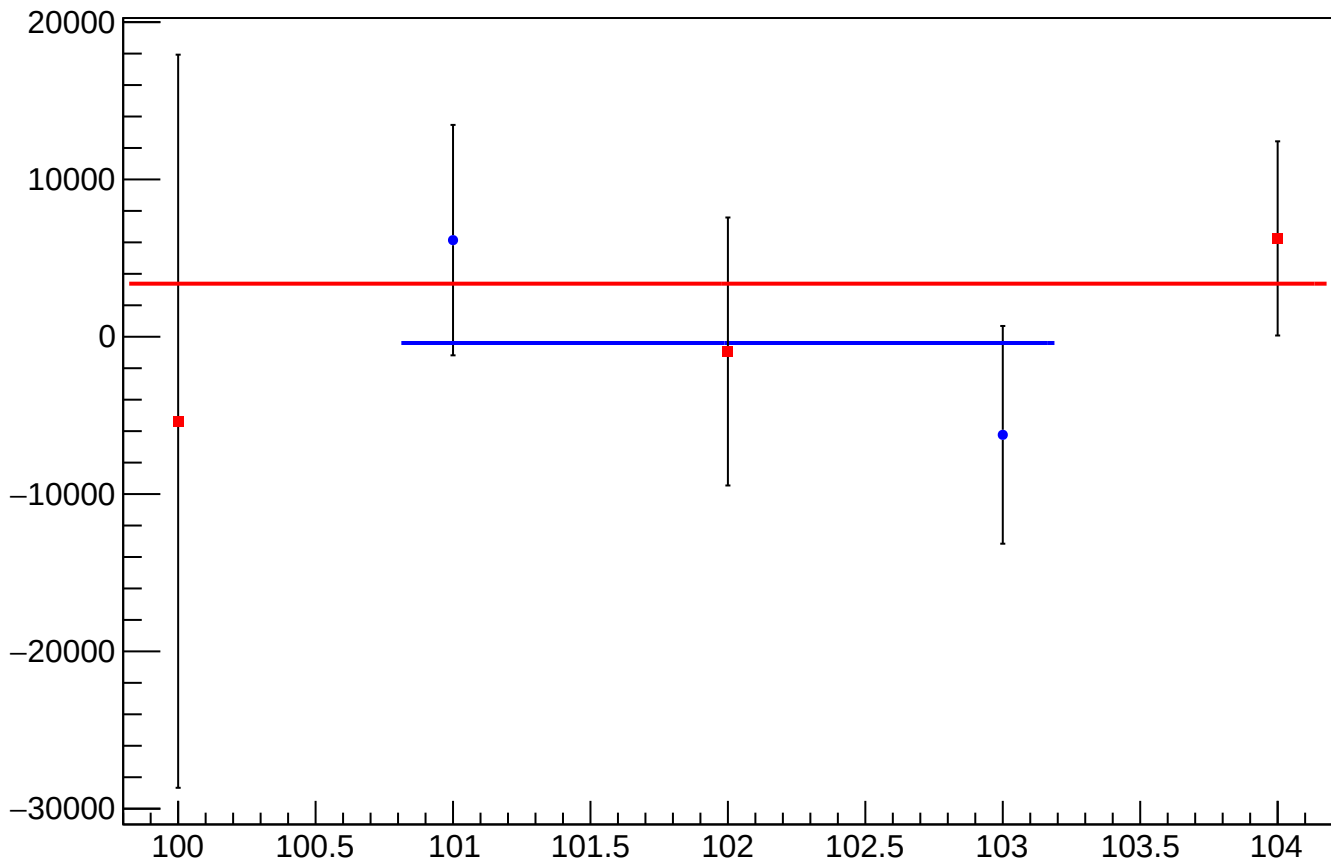
Right: 5274.351+/-2.363 χ^2/NDF : 3716.6/4

In: 5359.302+/-3.377 χ^2/NDF : 506.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5274.351+/-2.363 χ^2/NDF : 3716.6/4

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -396.333+/-5030.084 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3374.142+/-4886.717 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

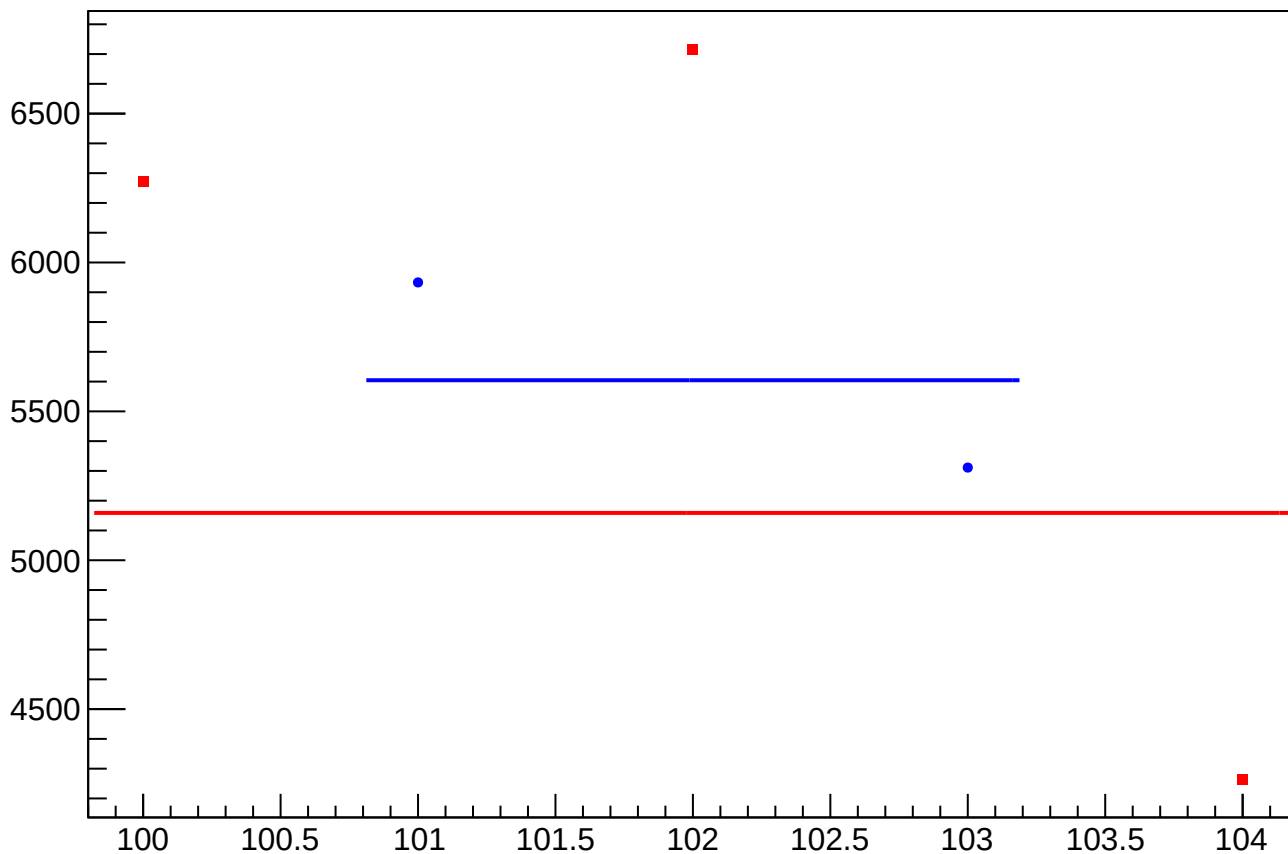
Right: 1543.403+/-3505.020 χ^2/NDF : 2.4/4

In: -396.333+/-5030.084 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1543.403+/-3505.020 χ^2/NDF : 2.4/4

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: 5158.943+/-3.455 χ^2/NDF : 113428.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

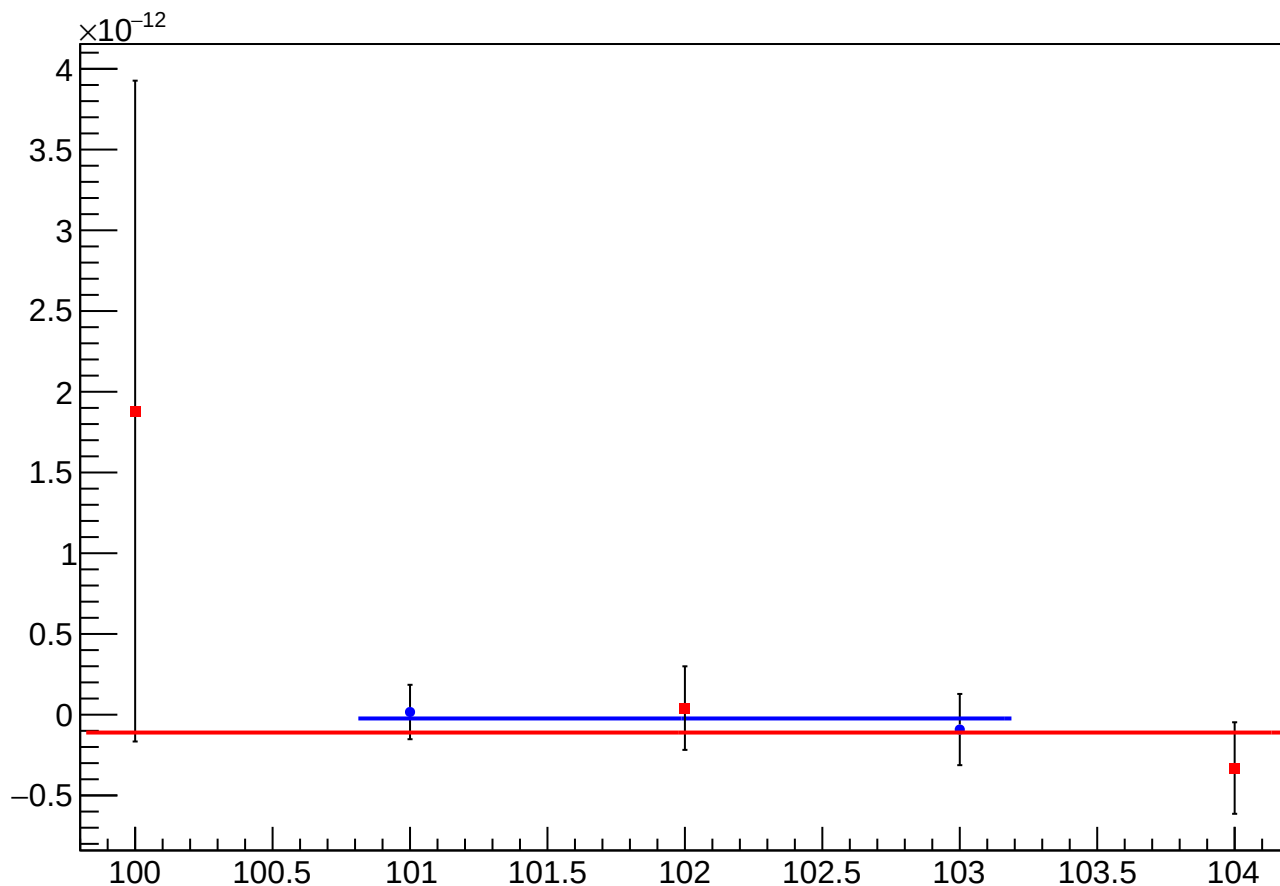
Right: 5375.305+/-2.478 χ^2/NDF : 129121.2/4

In: 5604.551+/-3.557 χ^2/NDF : 7617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5375.305+/-2.478 χ^2/NDF : 129121.2/4

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 : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

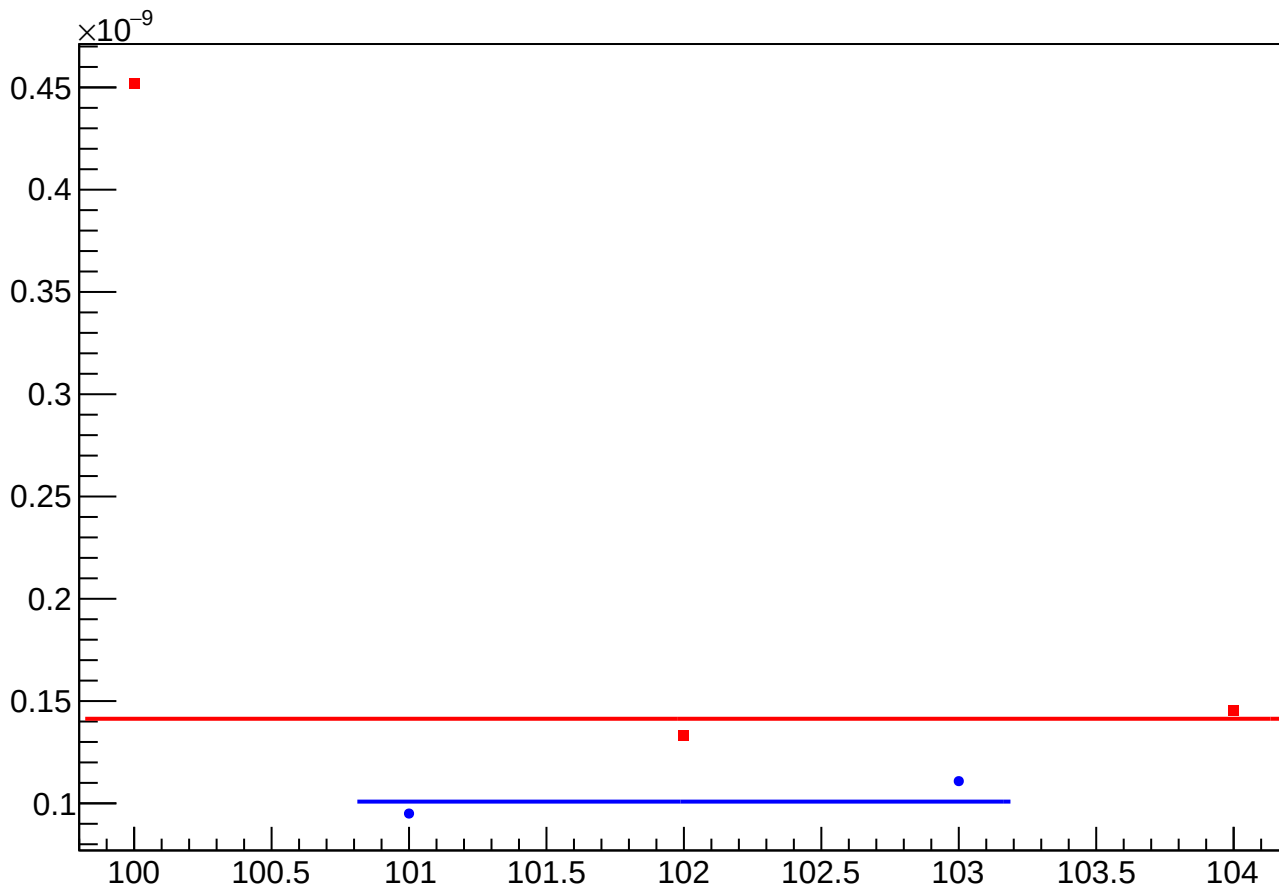
Right: -0.000+/-0.000 χ^2/NDF : 2.2/4

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 48482.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

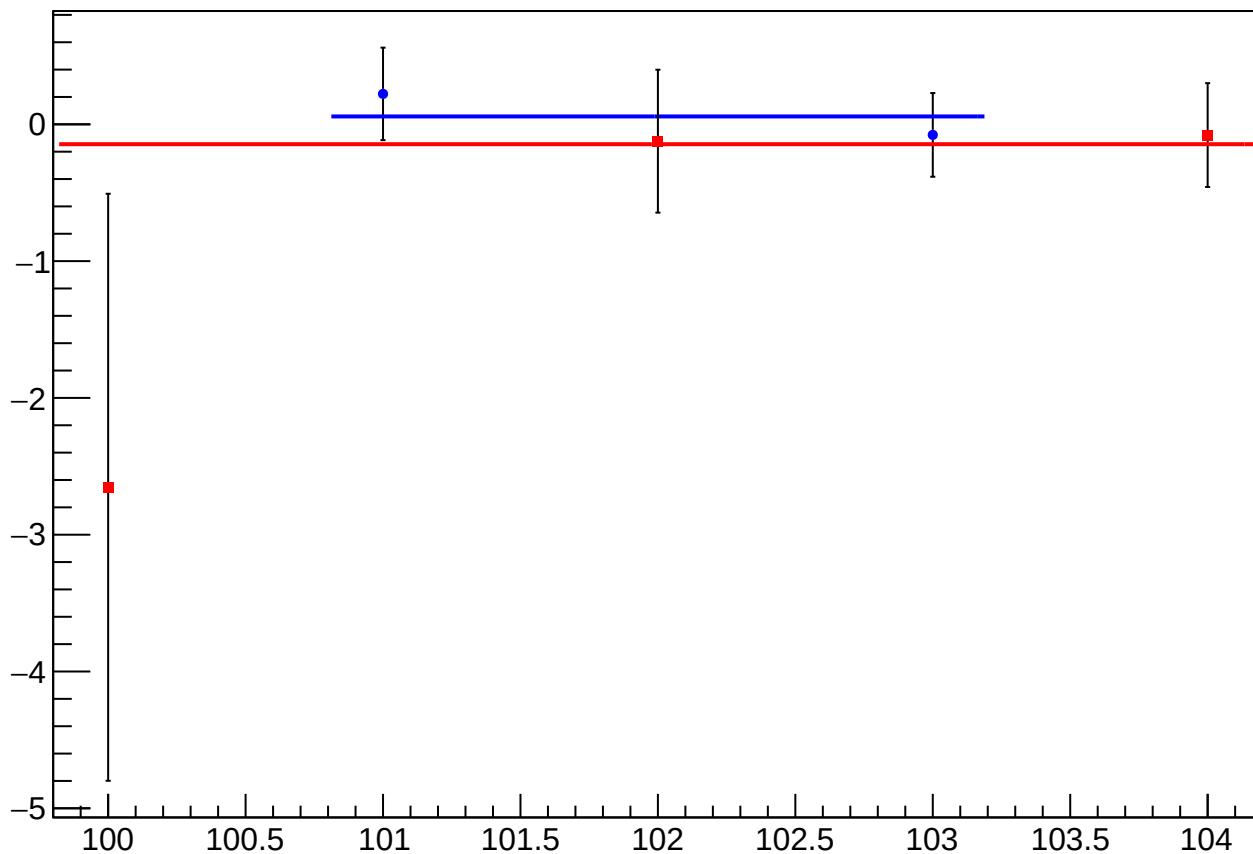
Right: 0.000+/-0.000 χ^2/NDF : 115601.7/4

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 : 115601.7/4

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: -0.145+/-0.304 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

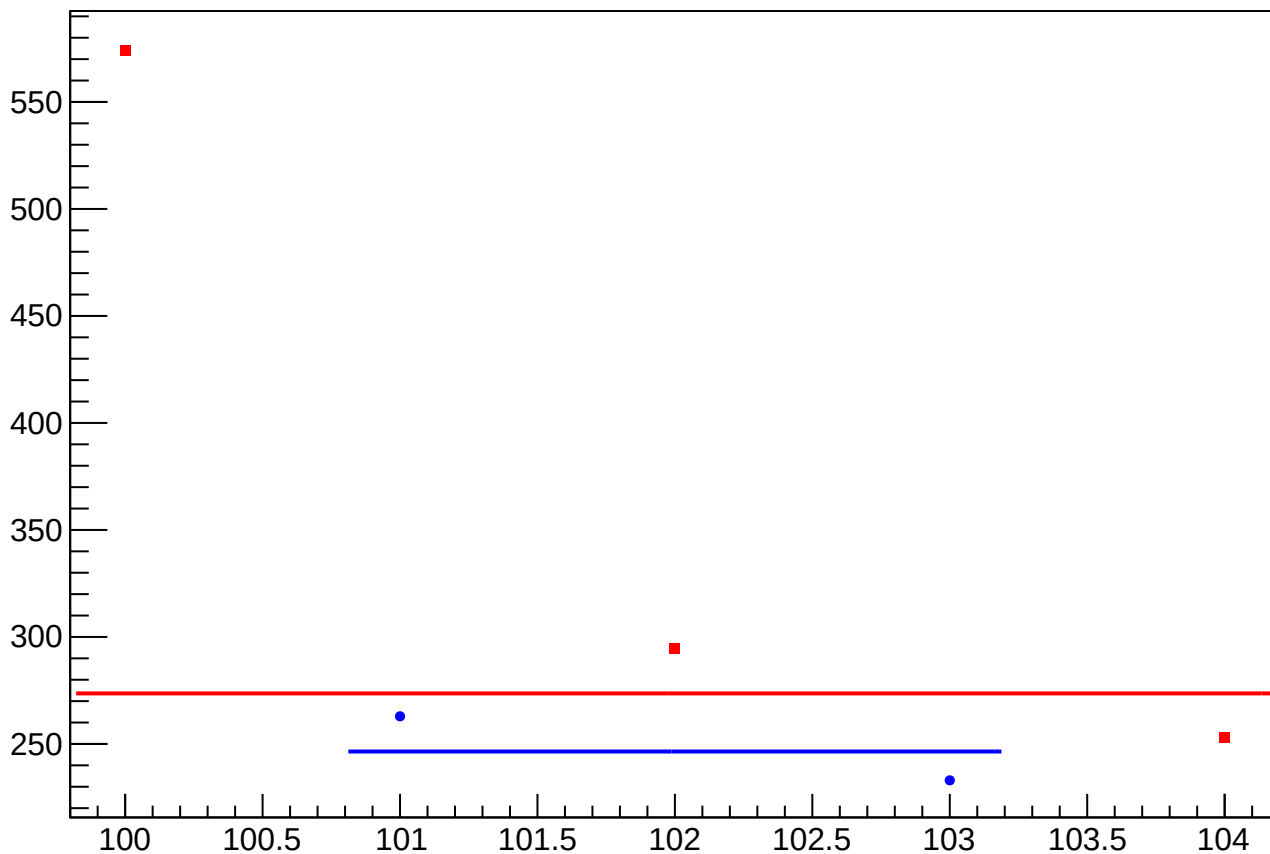
Right: -0.015+/-0.182 χ^2/NDF : 2.1/4

In: 0.058+/-0.227 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.182 χ^2/NDF : 2.1/4

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465 $\pm$ 0.160 χ^2 /NDF: 8615.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 273.613 $\pm$ 0.215 χ^2 /NDF: 48173.7/2

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

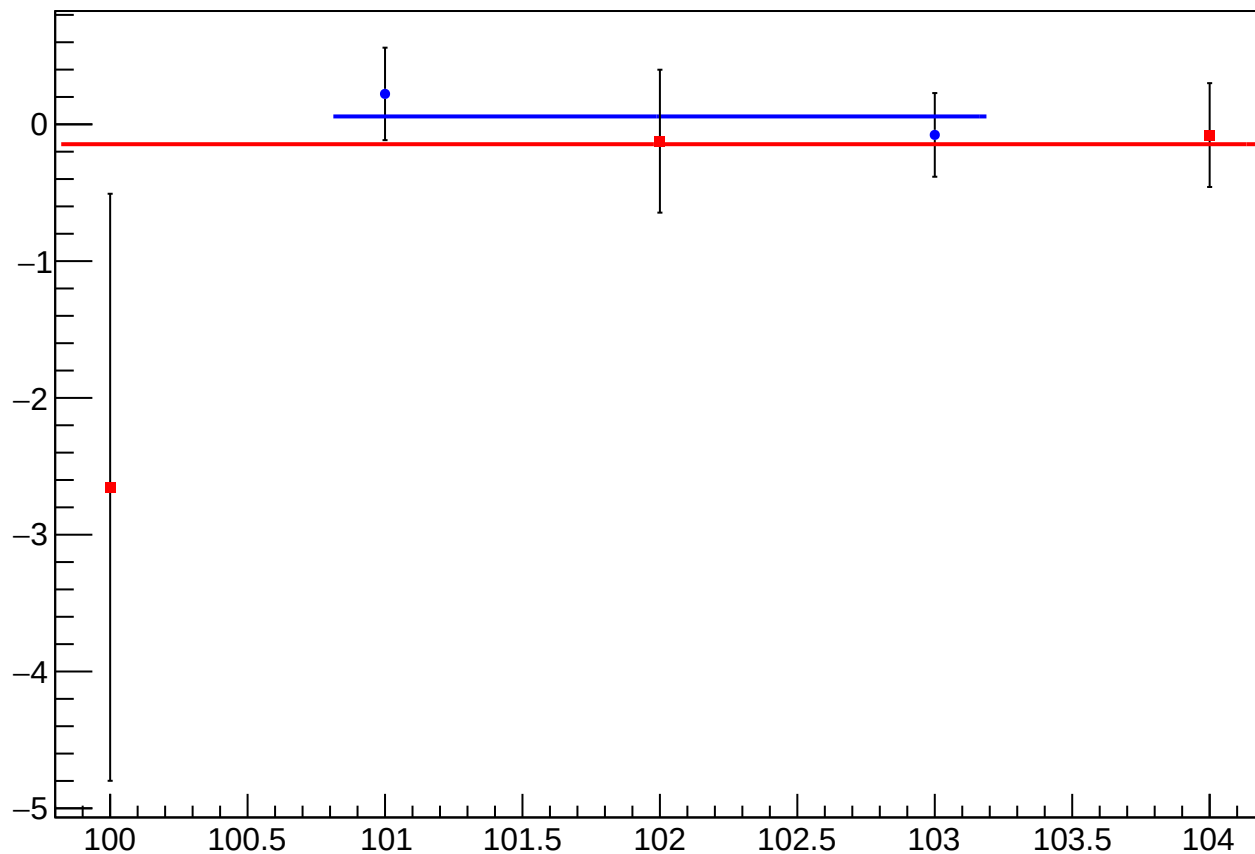
Right: 256.173 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

In: 246.465 $\pm$ 0.160 χ^2 /NDF:8615.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 256.173 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

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: -0.145 $\pm$ 0.304 χ^2/NDF : 1.4/2

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

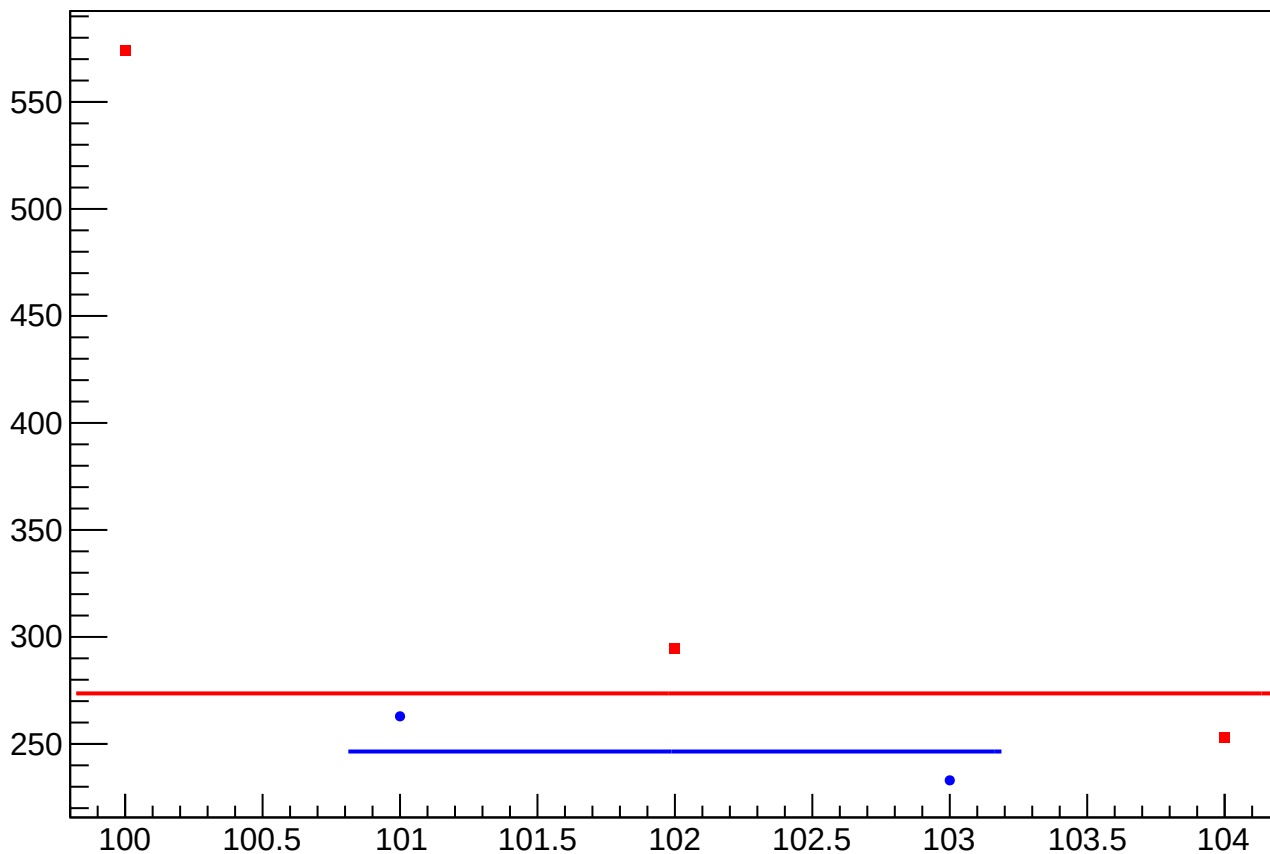
Right: -0.015 $\pm$ 0.182 χ^2/NDF : 2.1/4

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: -0.015 $\pm$ 0.182 χ^2/NDF : 2.1/4

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.465 $\pm$ 0.160 χ^2 /NDF: 8615.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 273.613 $\pm$ 0.215 χ^2 /NDF: 48173.7/2

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

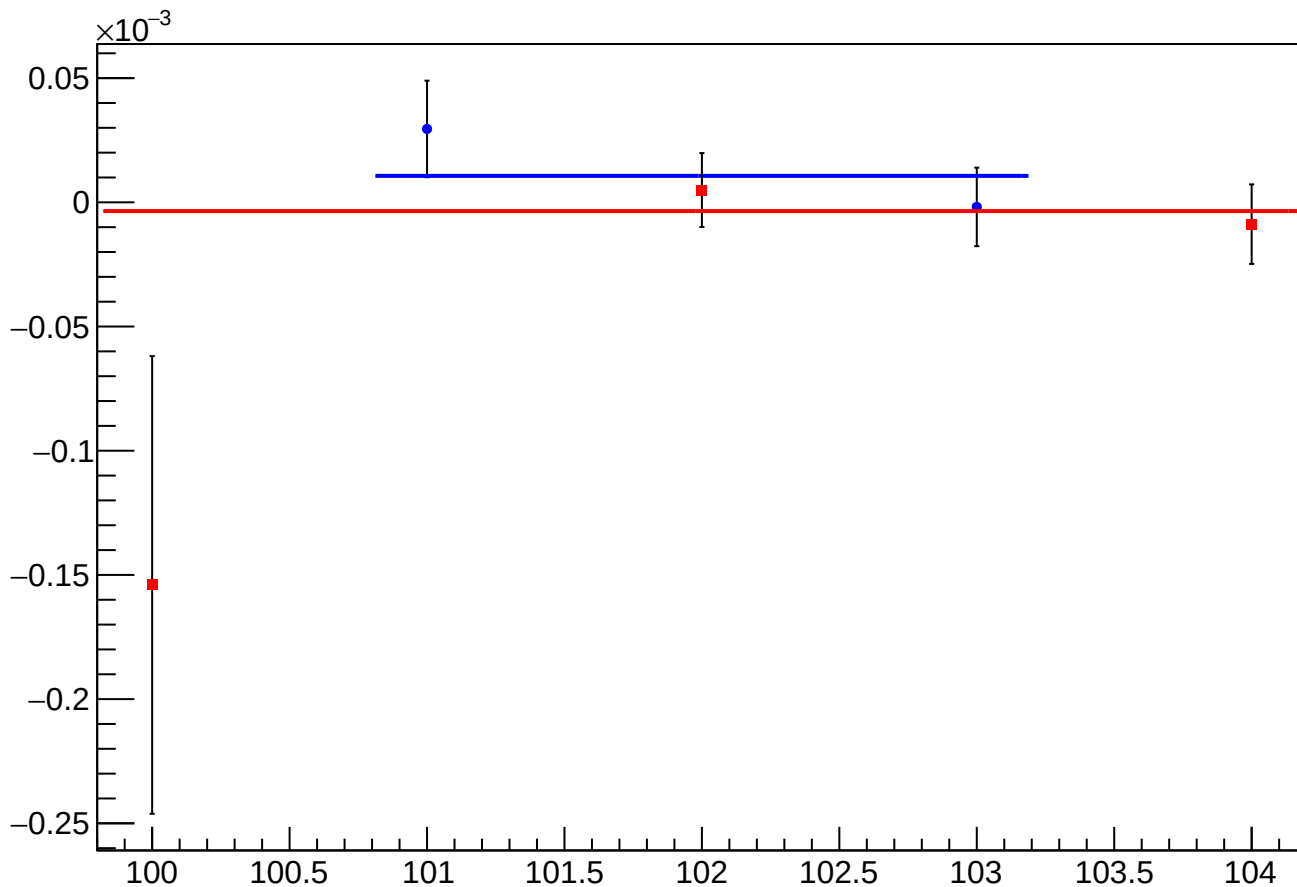
Right: 256.173 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

In: 246.465 $\pm$ 0.160 χ^2 /NDF:8615.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 256.173 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

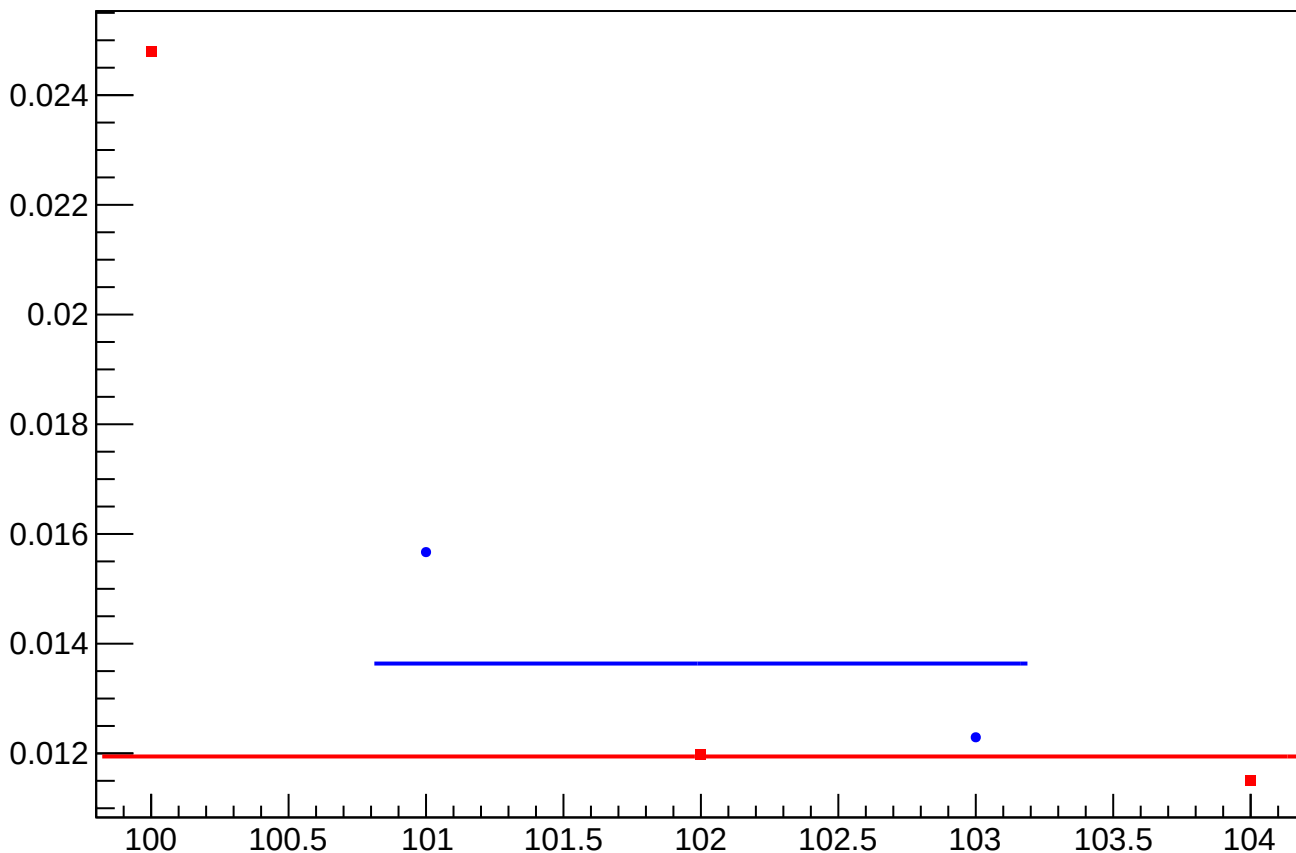
Right: 0.000+/-0.000 χ^2/NDF : 5.4/4

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 : 5.4/4

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: 0.012+/-0.000 χ^2/NDF : 40407.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

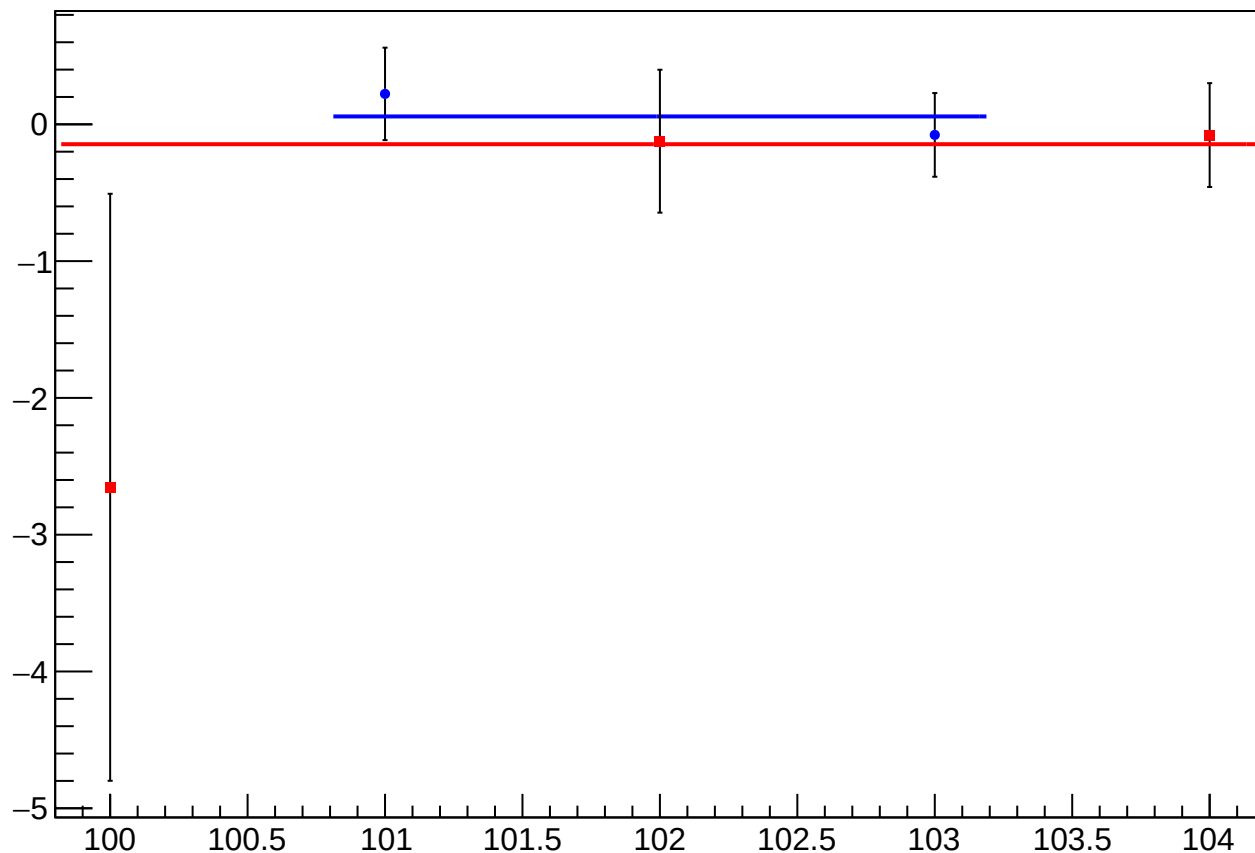
Right: 0.013+/-0.000 χ^2/NDF : 98182.6/4

In: 0.014+/-0.000 χ^2/NDF : 36318.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 98182.6/4

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: -0.145 $\pm$ 0.304 χ^2 /NDF: 1.4/2

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

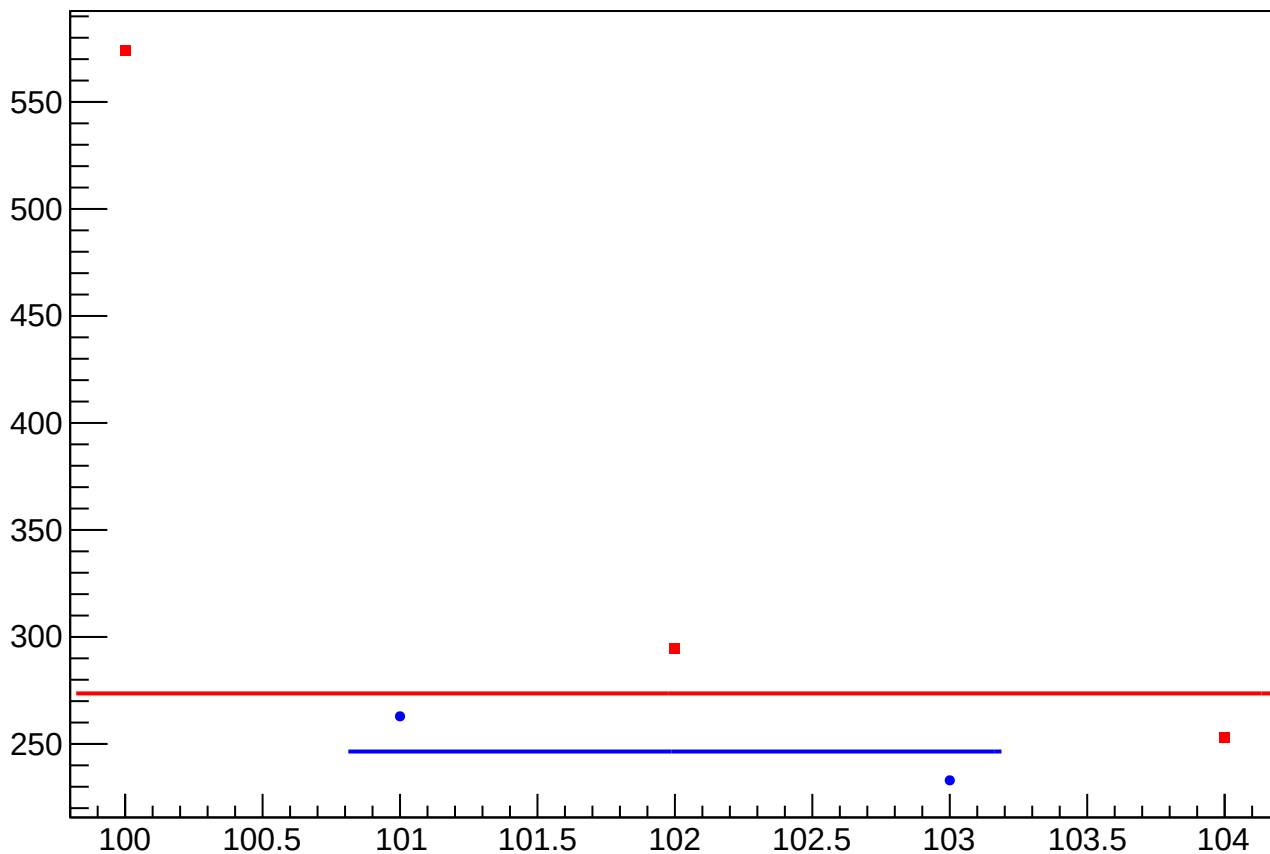
Right: -0.015 $\pm$ 0.182 χ^2 /NDF: 2.1/4

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: -0.015 $\pm$ 0.182 χ^2 /NDF: 2.1/4

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: 273.615 $\pm$ 0.215 χ^2 /NDF: 48175.3/2

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

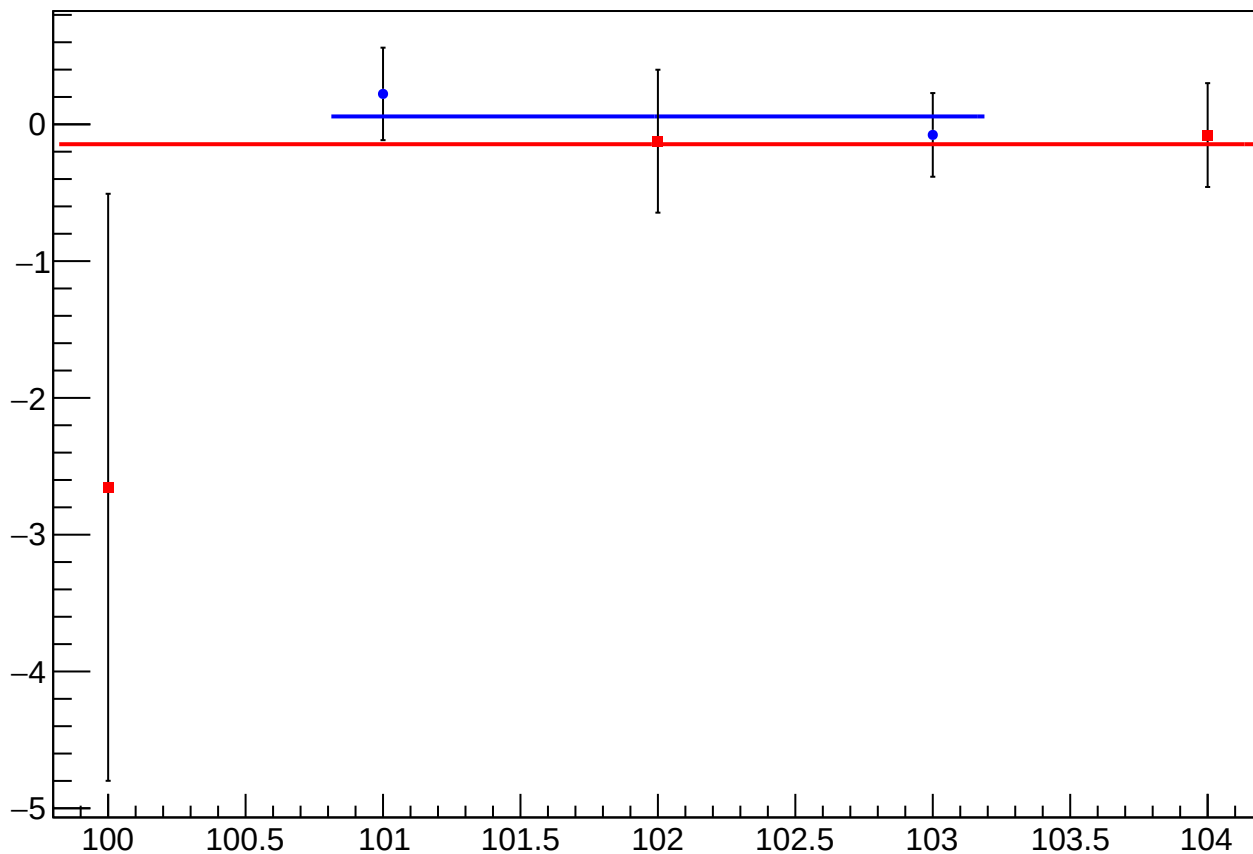
Right: 256.175 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

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: 256.175 $\pm$ 0.129 χ^2 /NDF: 67038.1/4

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: -0.145 $\pm$ 0.304 χ^2/NDF : 1.4/2

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

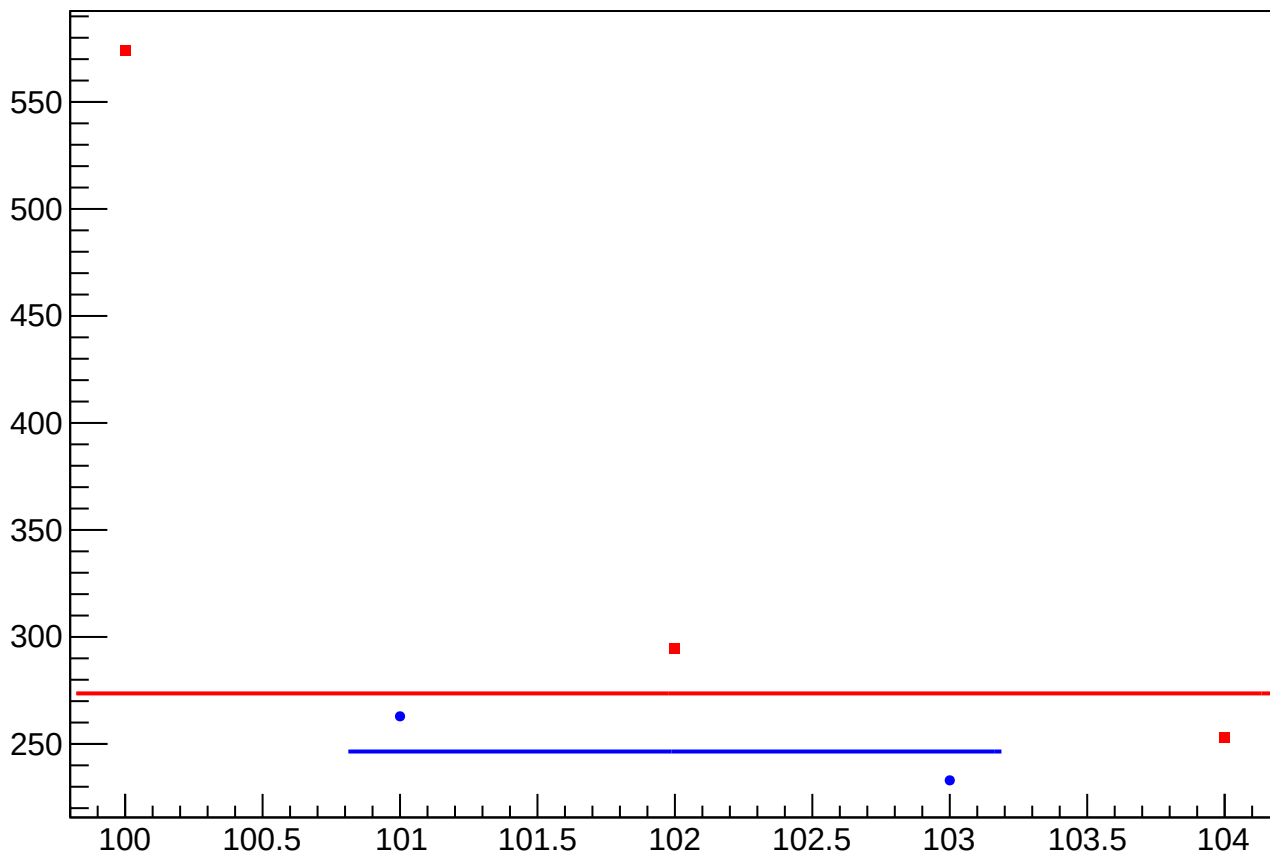
Right: -0.015 $\pm$ 0.182 χ^2/NDF : 2.1/4

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: -0.015 $\pm$ 0.182 χ^2/NDF : 2.1/4

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: 273.615+/-0.215 χ^2/NDF : 48175.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

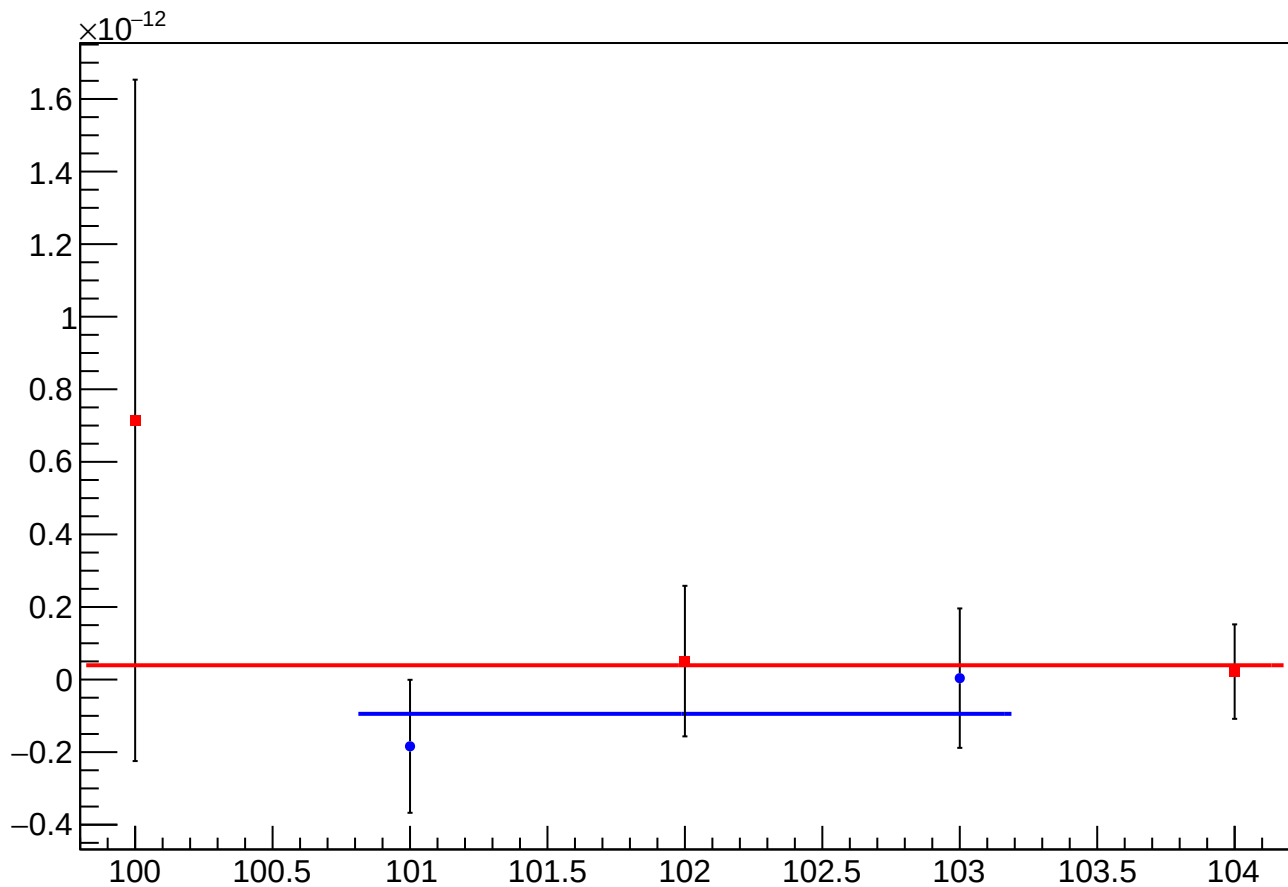
Right: 256.175+/-0.129 χ^2/NDF : 67038.1/4

In: 246.465+/-0.160 χ^2/NDF : 8612.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.175+/-0.129 χ^2/NDF : 67038.1/4

asym_atl1r2_dd_eigen_cor_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 : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

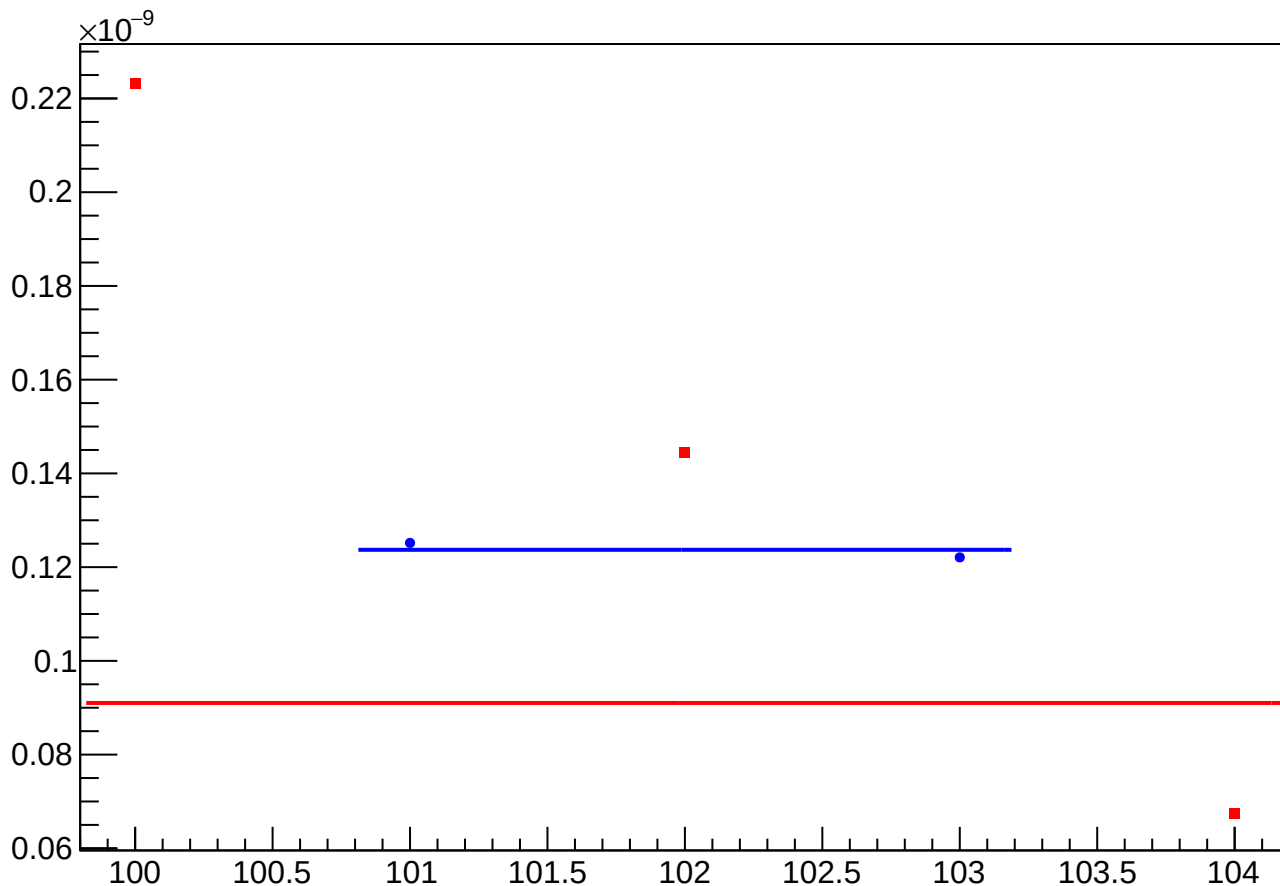
Right: -0.000+/-0.000 χ^2/NDF : 1.6/4

In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.6/4

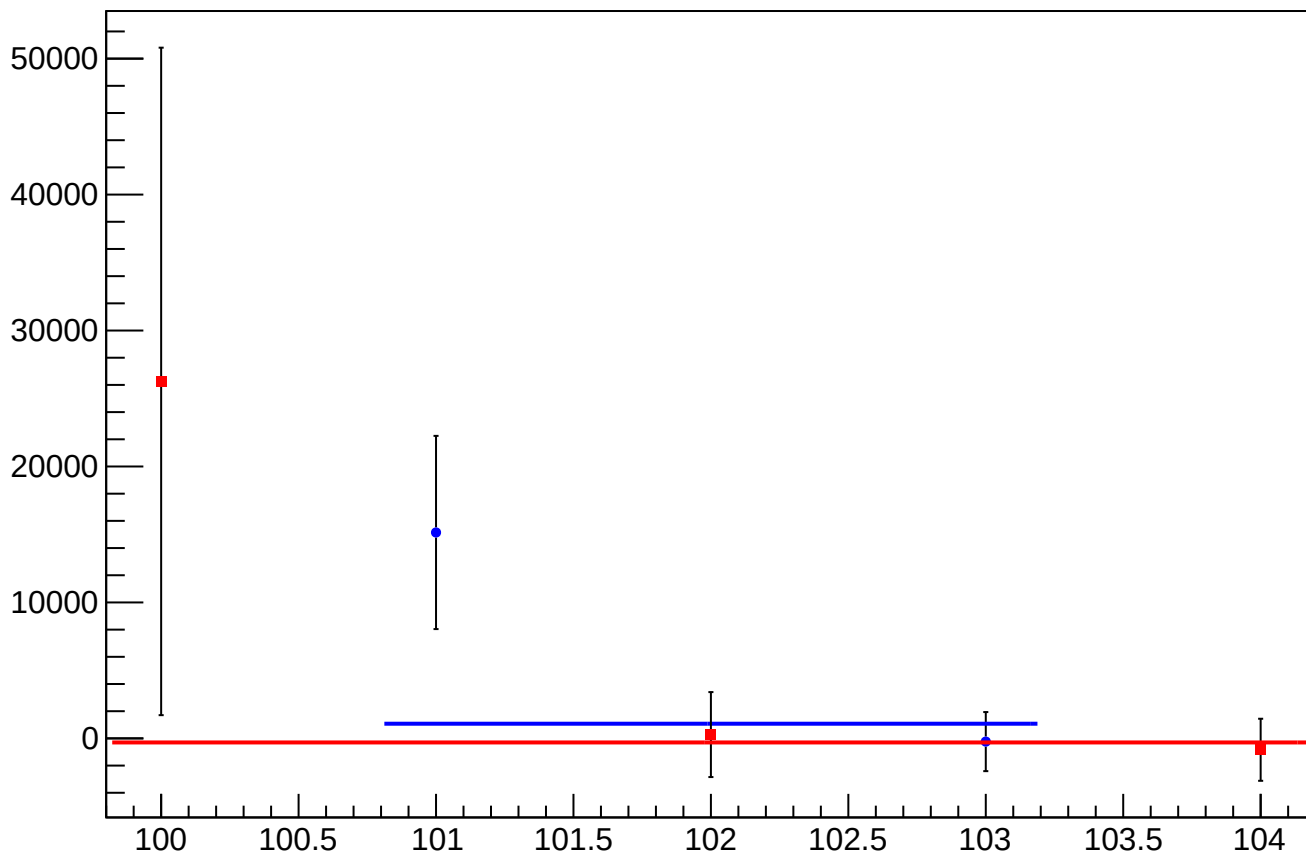
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 237567.9/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 310050.9/4
 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 : 310050.9/4

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: -298.722+/-1837.803 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

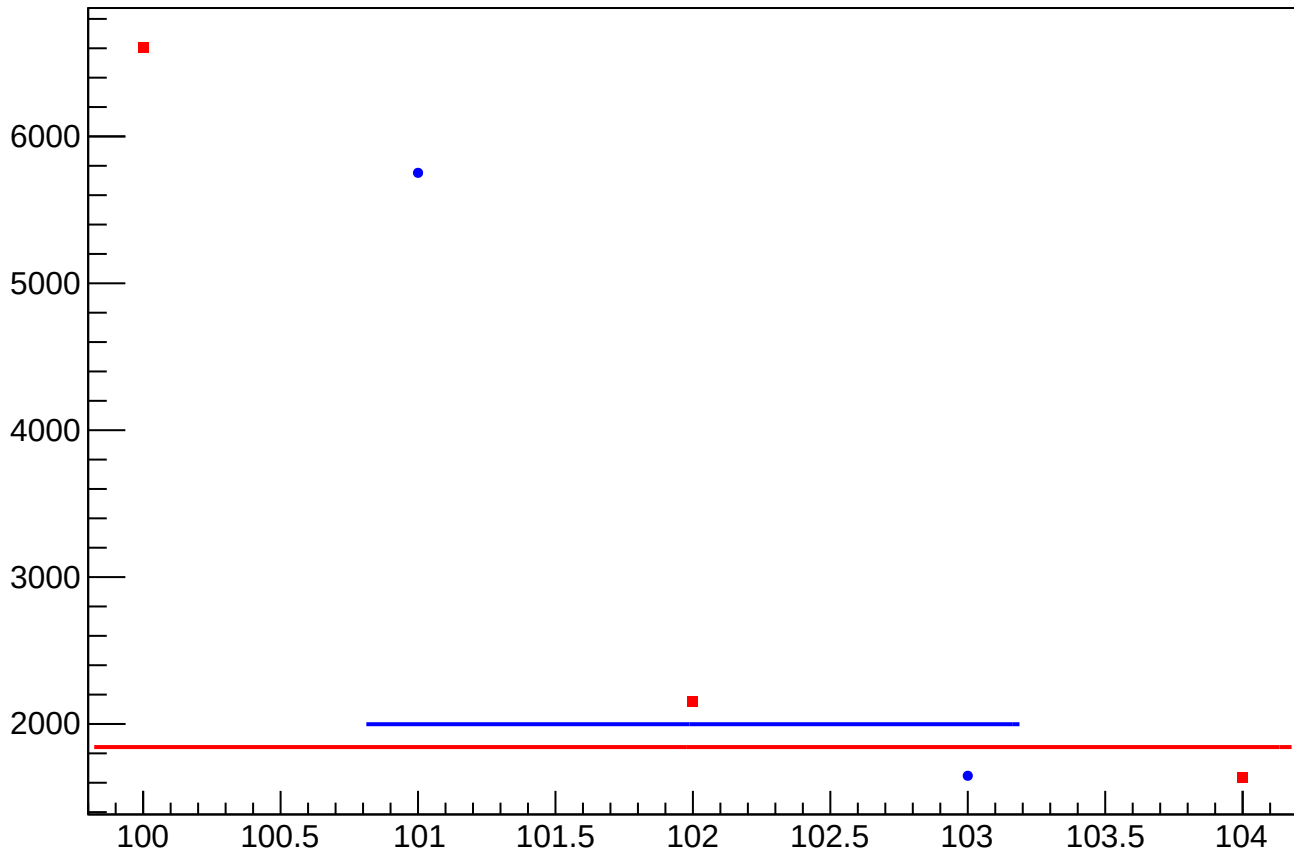
Right: 306.091+/-1376.569 χ^2/NDF : 5.8/4

In: 1079.127+/-2077.725 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.091+/-1376.569 χ^2/NDF : 5.8/4

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: 1842.855+/-1.300 χ^2/NDF : 111825.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

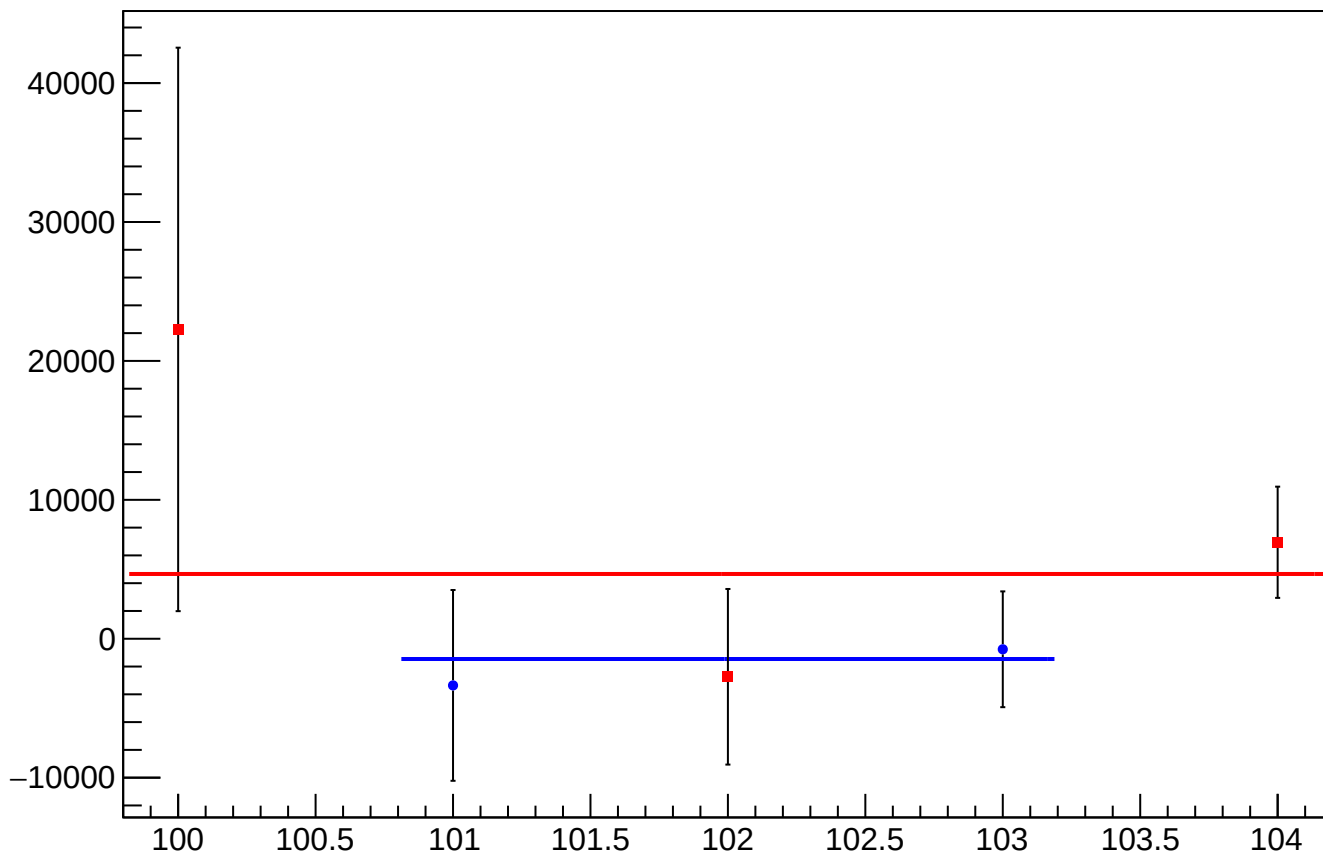
Right: 1911.144+/-0.973 χ^2/NDF : 728447.0/4

In: 1998.428+/-1.469 χ^2/NDF : 610330.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1911.144+/-0.973 χ^2/NDF : 728447.0/4

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1457.958+/-3562.734 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4662.999+/-3335.756 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

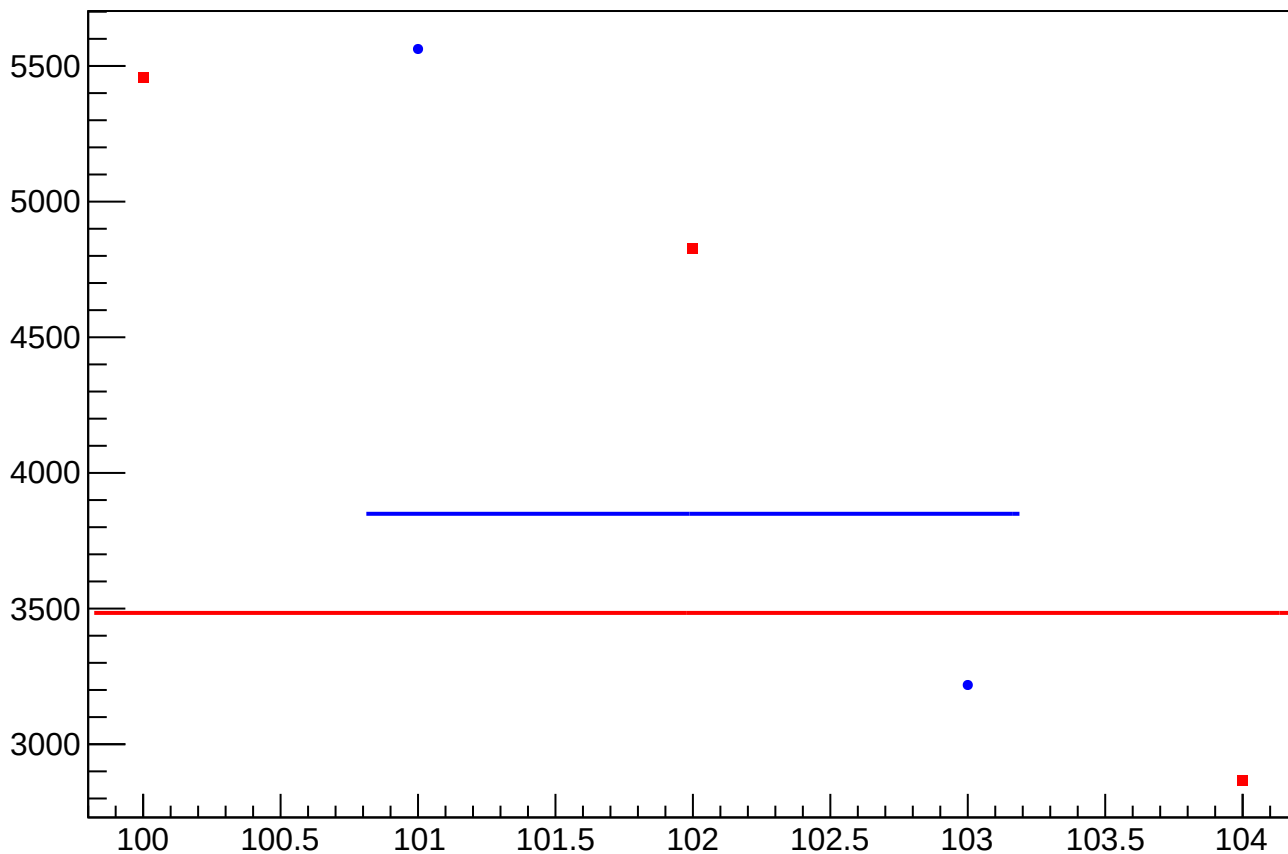
Right: 1803.698+/-2435.026 χ^2/NDF : 4.1/4

In: -1457.958+/-3562.734 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1803.698+/-2435.026 χ^2/NDF : 4.1/4

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: 3484.030+/-2.359 χ^2/NDF : 156736.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

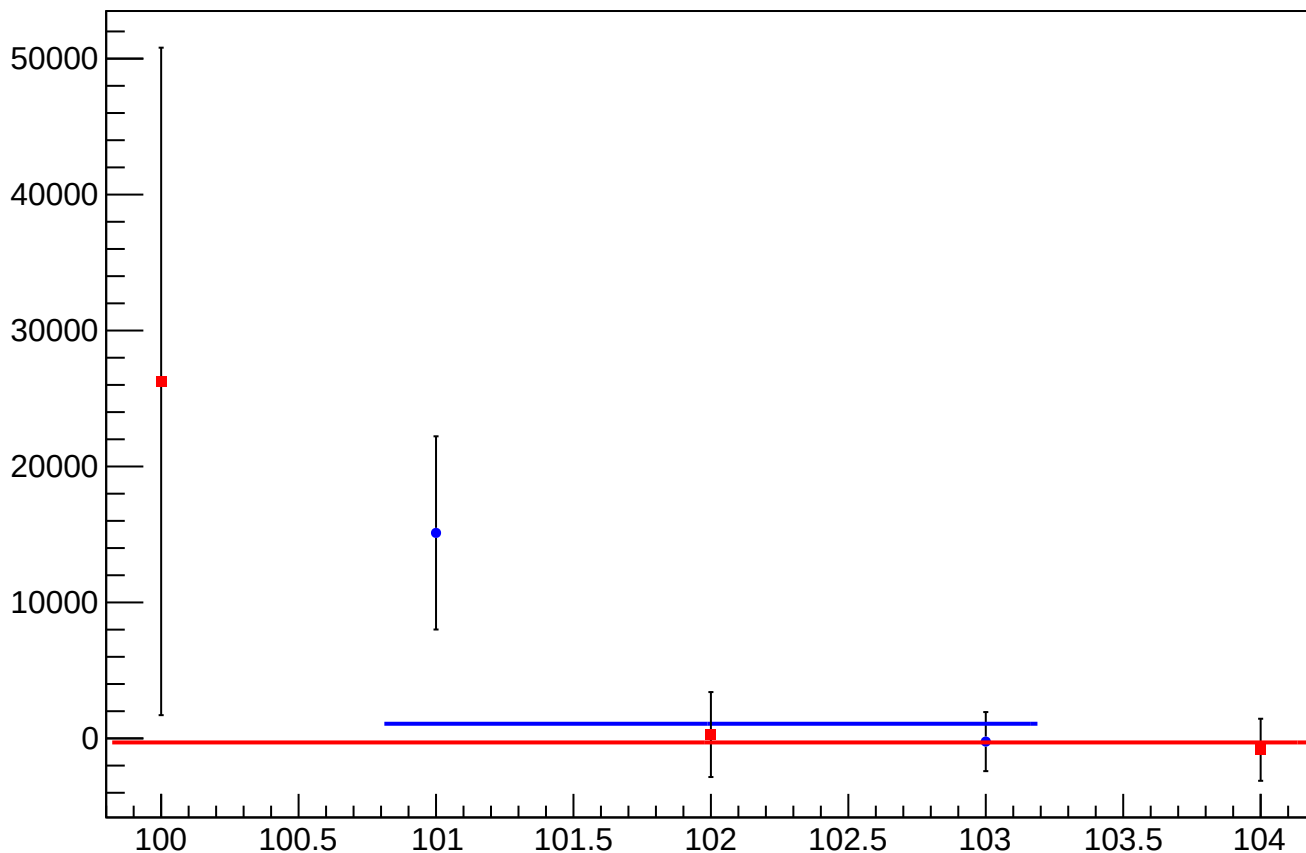
Right: 3654.693+/-1.722 χ^2/NDF : 338288.4/4

In: 3849.371+/-2.519 χ^2/NDF : 170345.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3654.693+/-1.722 χ^2/NDF : 338288.4/4

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: -297.941+/-1837.803 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

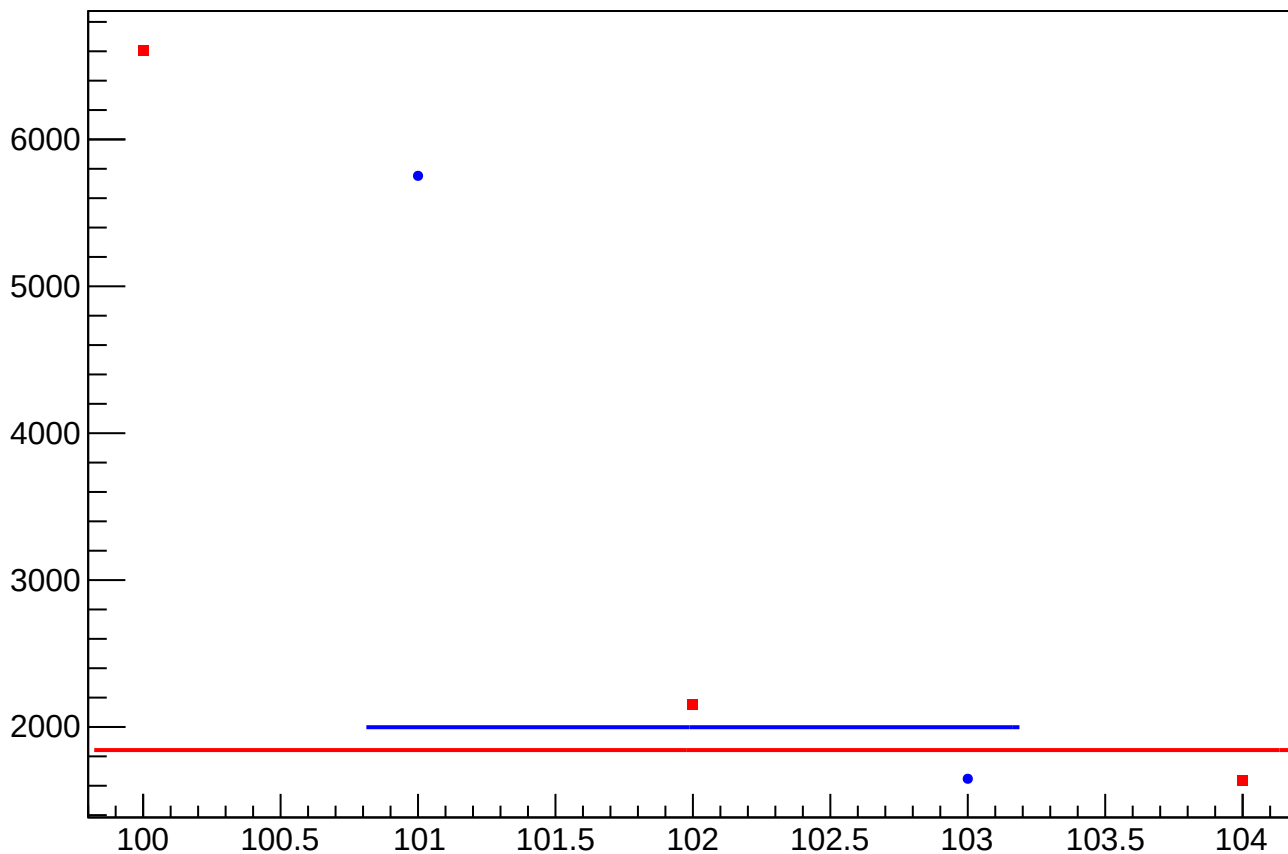
Right: 305.407+/-1376.570 χ^2/NDF : 5.8/4

In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.407+/-1376.570 χ^2/NDF : 5.8/4

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: 1842.854+/-1.300 χ^2/NDF : 111825.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

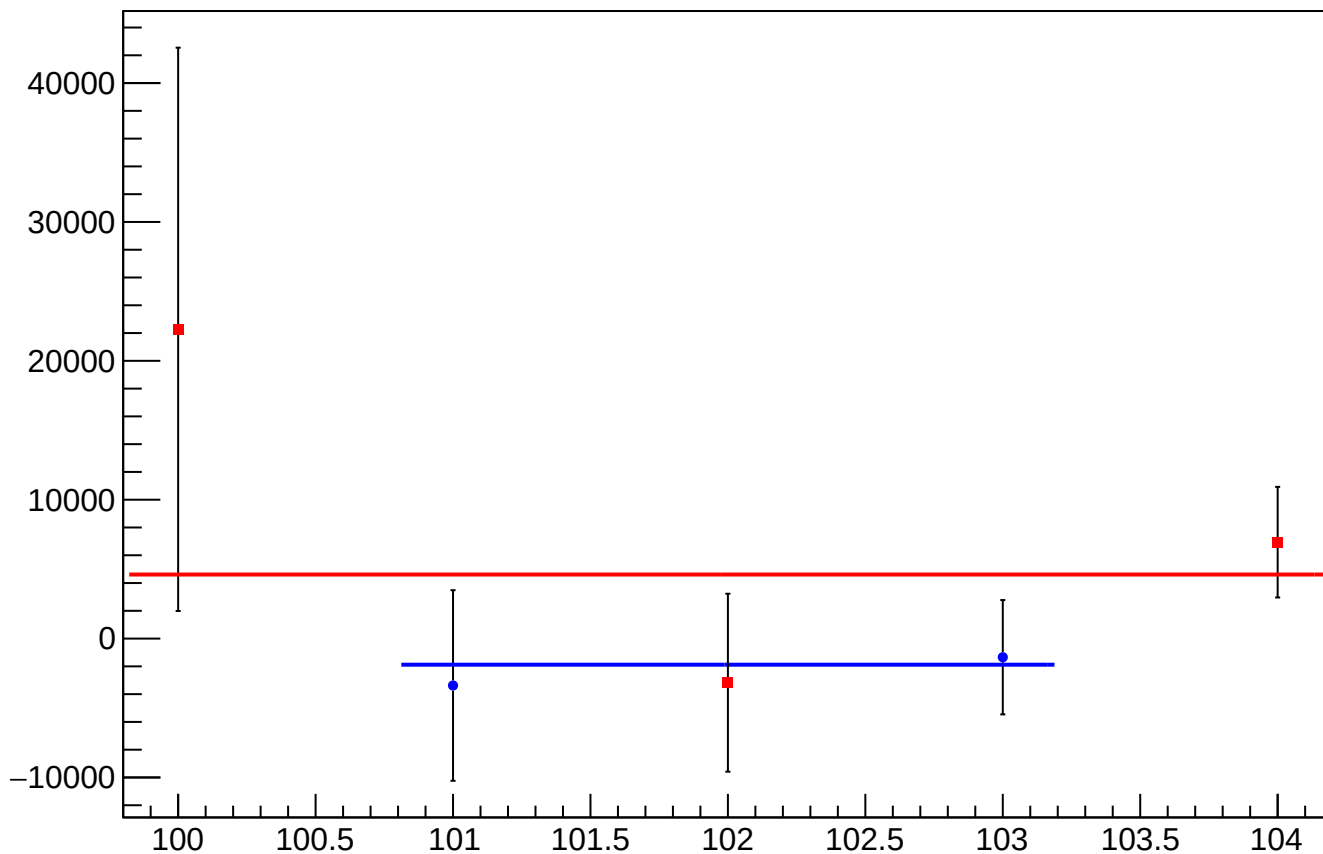
Right: 1911.142+/-0.973 χ^2/NDF : 728447.4/4

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1911.142+/-0.973 χ^2/NDF : 728447.4/4

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: 4612.829+/-3336.438 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

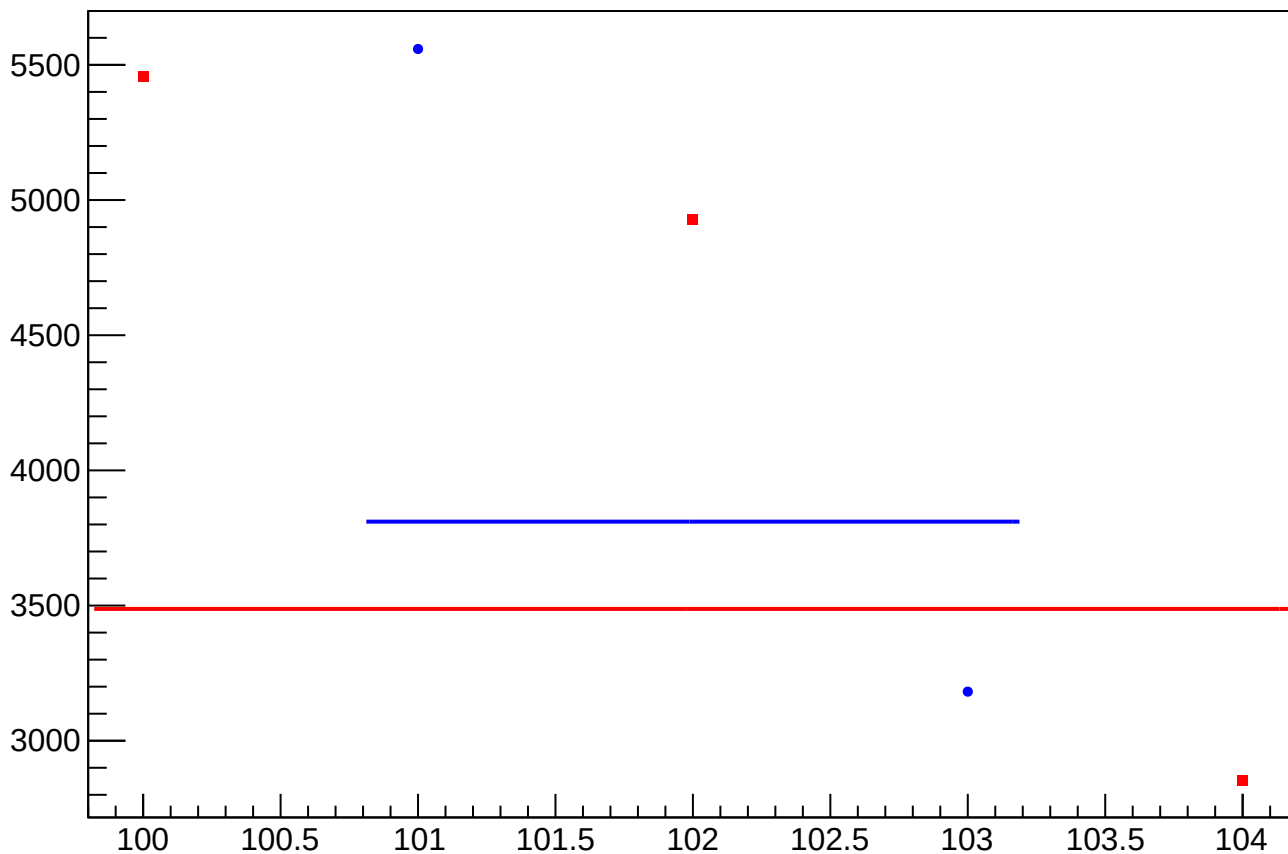
Right: 1548.724+/-2424.553 χ^2/NDF : 4.4/4

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.724+/-2424.553 χ^2/NDF : 4.4/4

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: 3487.657+/-2.359 χ^2/NDF : 170651.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

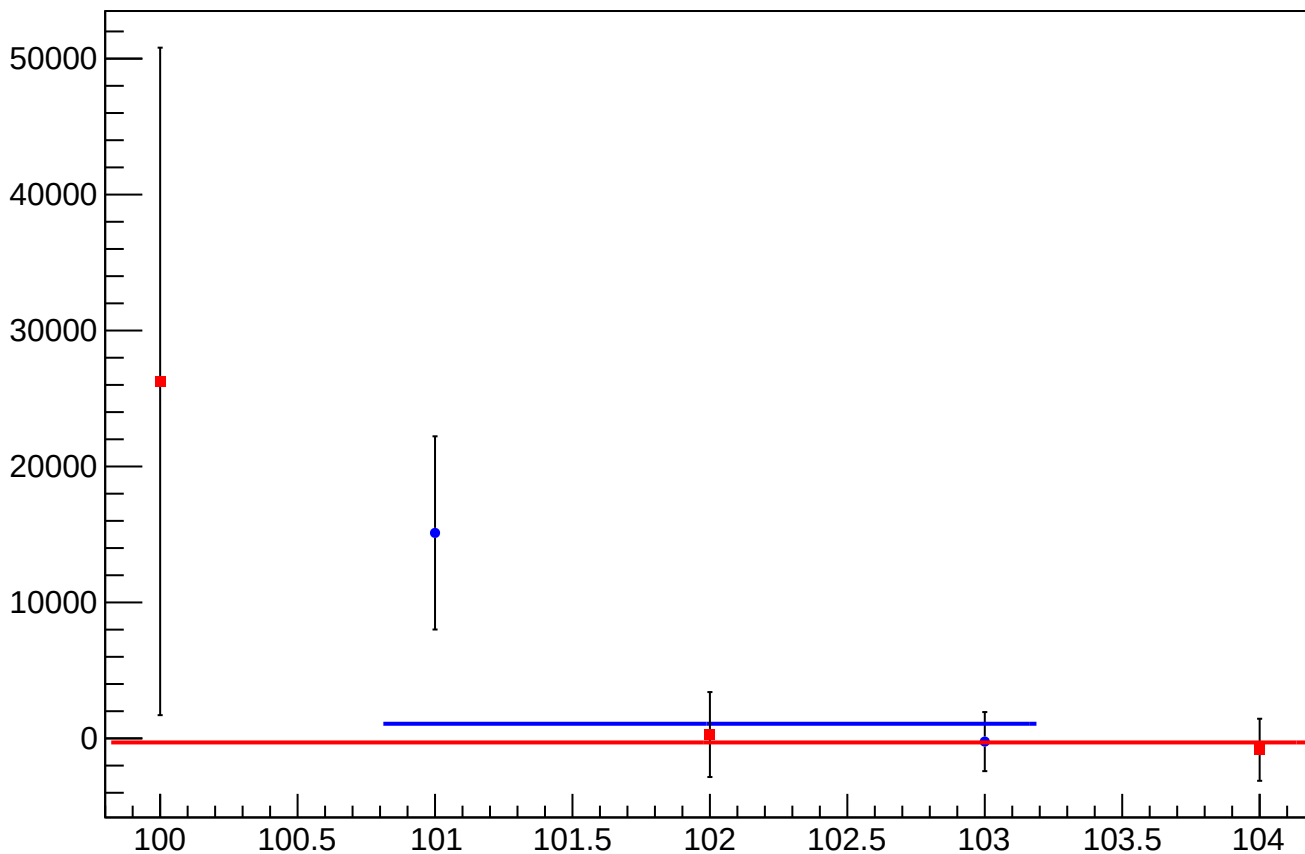
Right: 3639.961+/-1.714 χ^2/NDF : 356000.7/4

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3639.961+/-1.714 χ^2/NDF : 356000.7/4

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: -297.941+/-1837.803 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

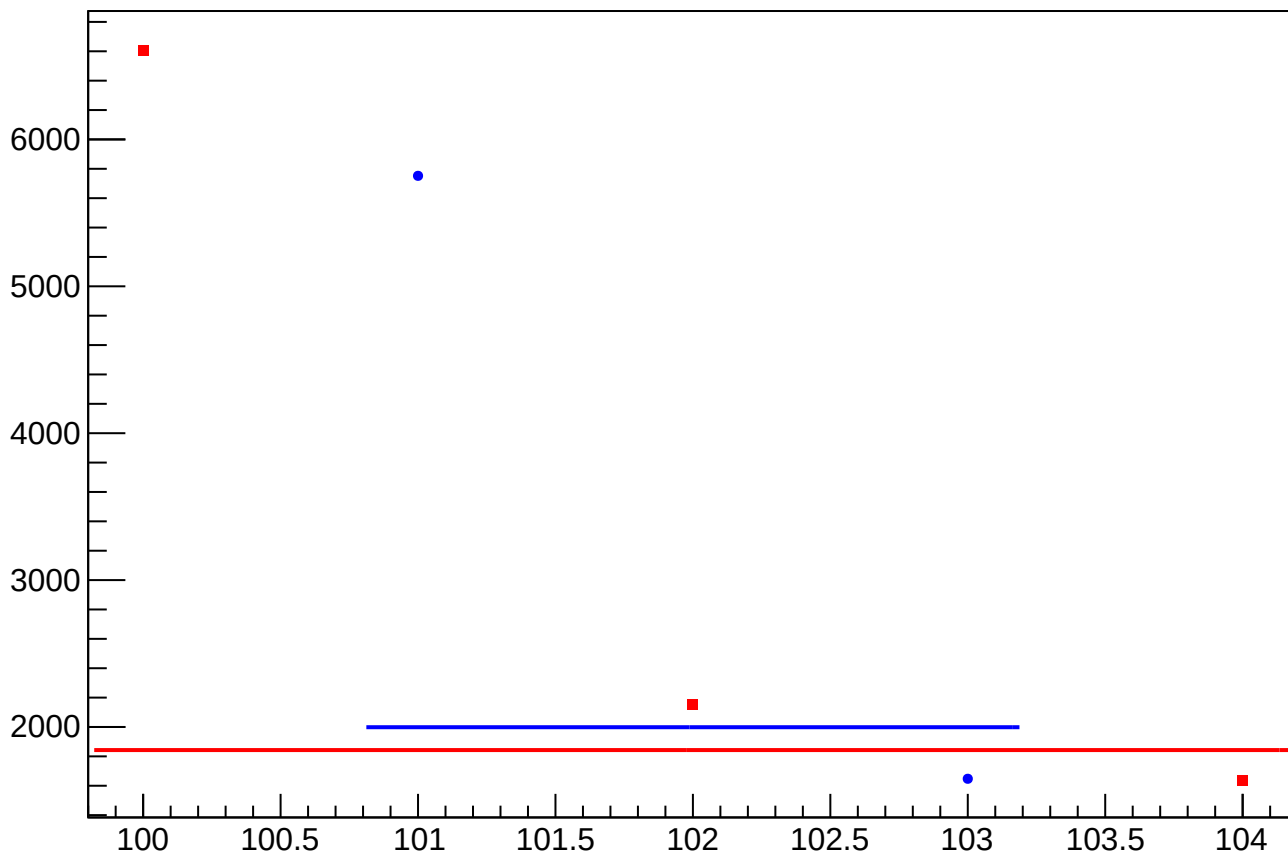
Right: 305.407+/-1376.570 χ^2/NDF : 5.8/4

In: 1076.571+/-2077.727 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.407+/-1376.570 χ^2/NDF : 5.8/4

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: 1842.854+/-1.300 χ^2/NDF : 111825.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

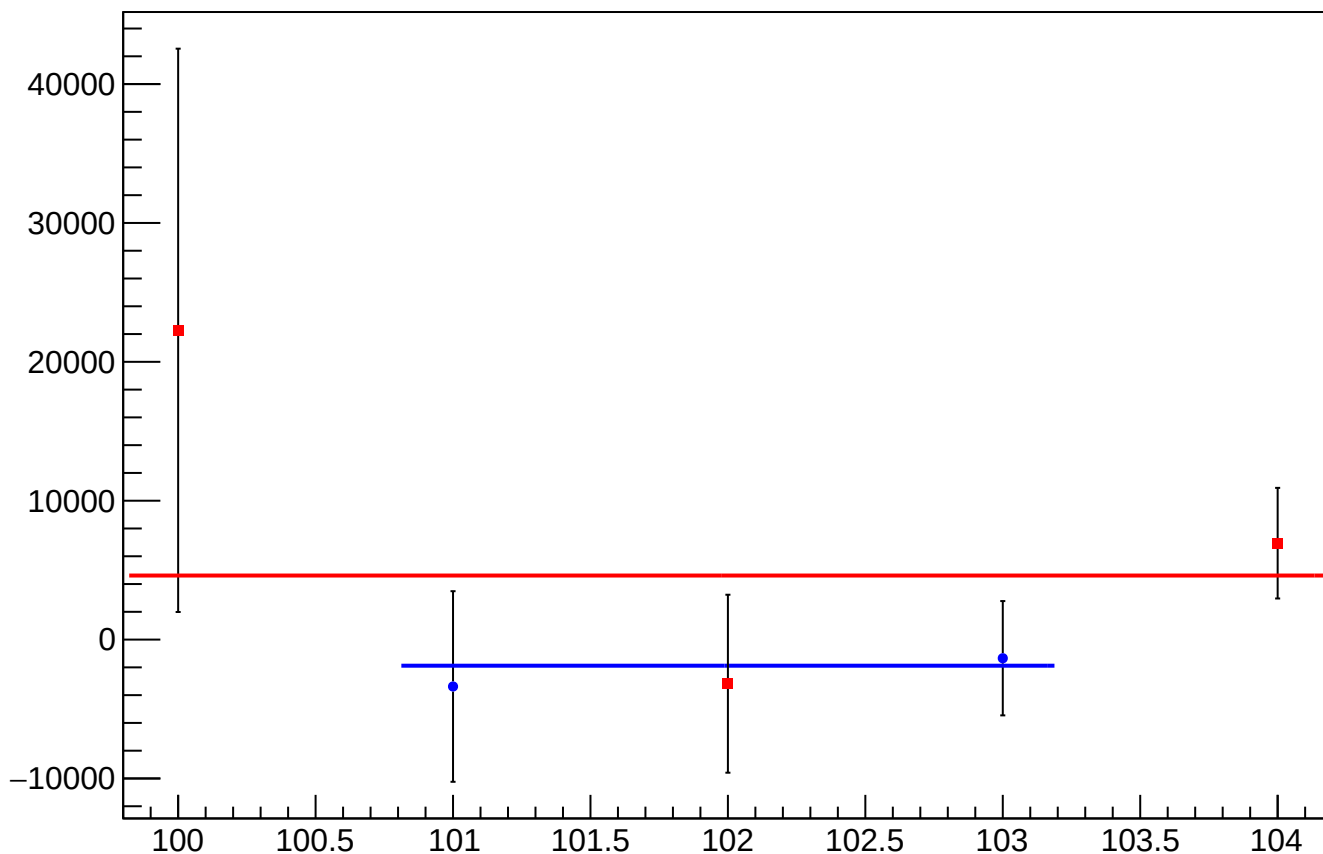
Right: 1911.142+/-0.973 χ^2/NDF : 728447.4/4

In: 1998.425+/-1.469 χ^2/NDF : 610331.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1911.142+/-0.973 χ^2/NDF : 728447.4/4

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: 4612.829+/-3336.438 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

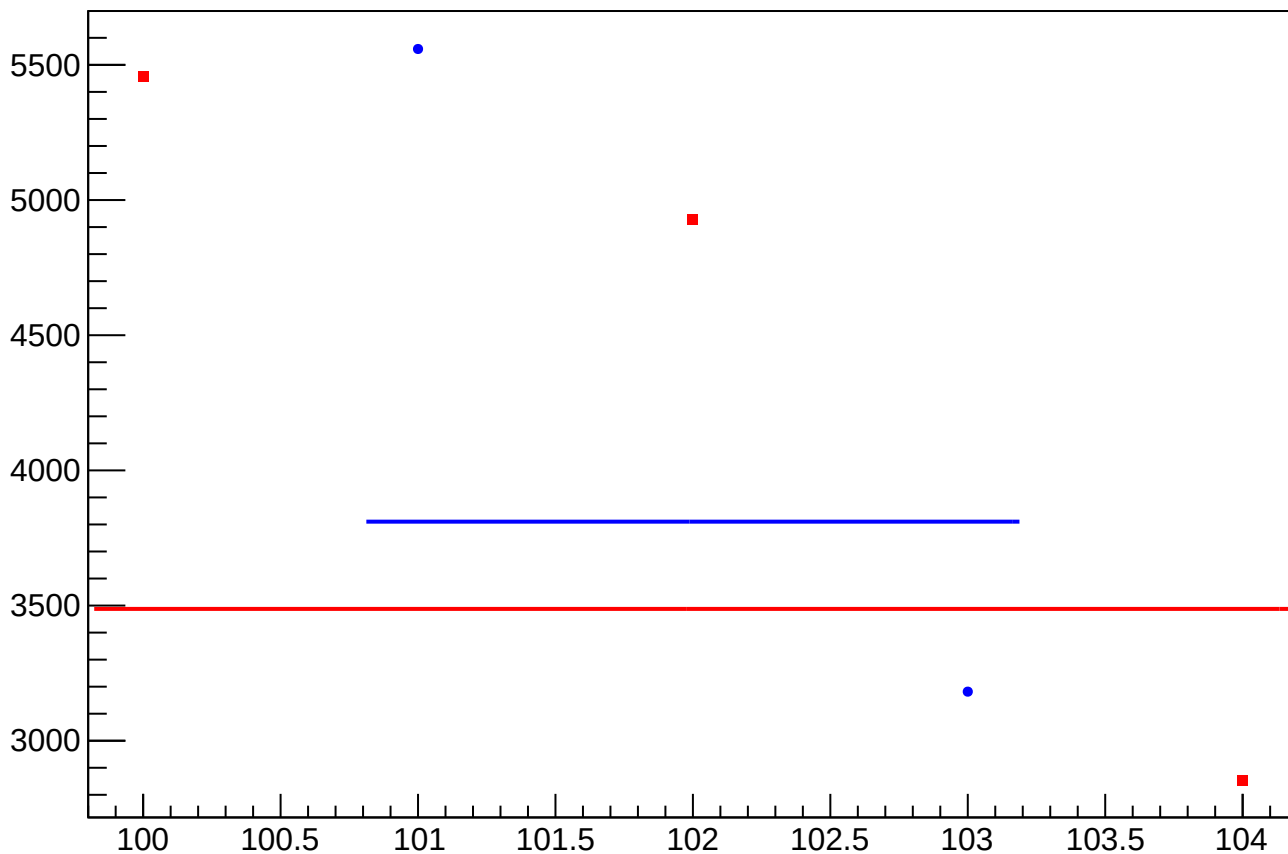
Right: 1548.724+/-2424.553 χ^2/NDF : 4.4/4

In: -1879.979+/-3529.362 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1548.724+/-2424.553 χ^2/NDF : 4.4/4

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: 3487.657+/-2.359 χ^2/NDF : 170651.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

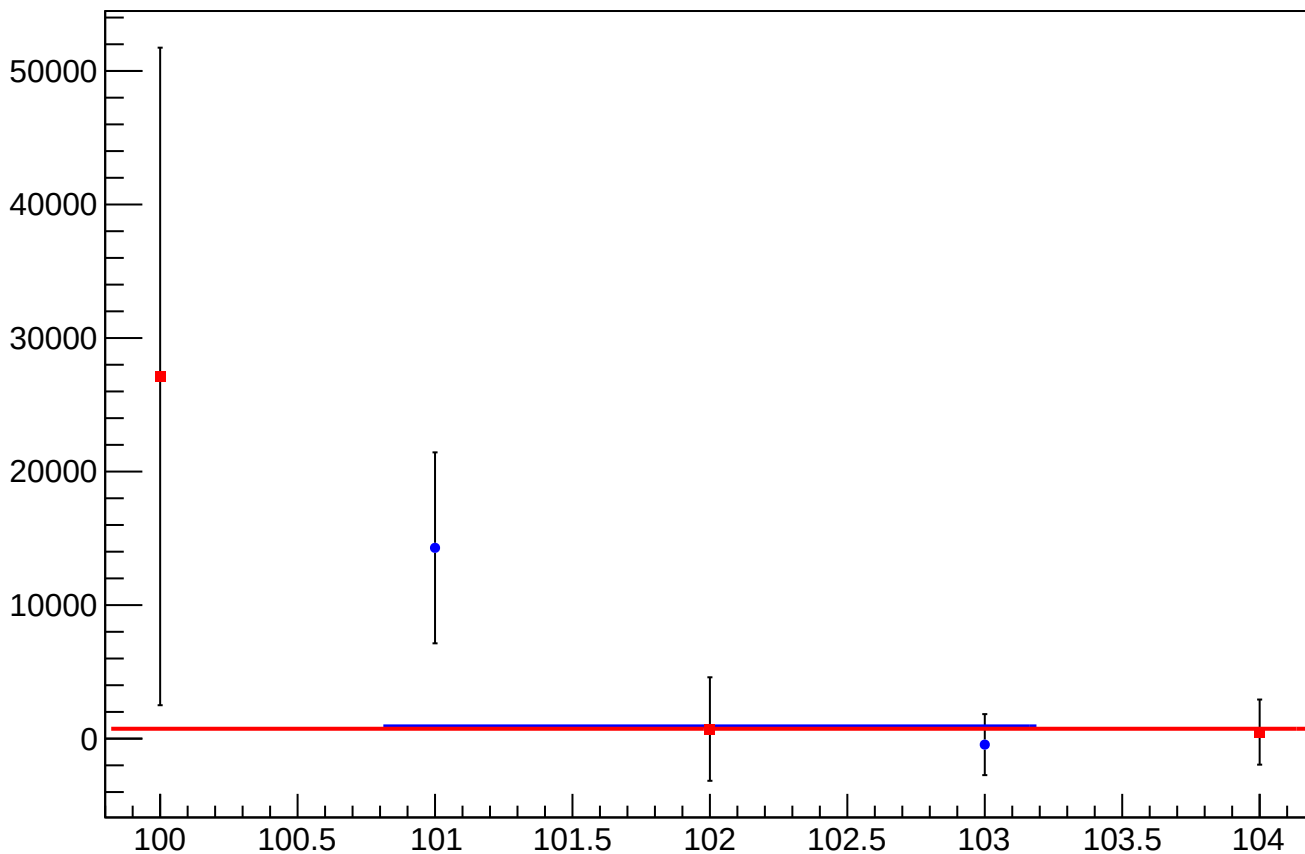
Right: 3639.961+/-1.714 χ^2/NDF : 356000.7/4

In: 3810.388+/-2.496 χ^2/NDF : 176518.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3639.961+/-1.714 χ^2/NDF : 356000.7/4

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: 739.812 $\pm$ 2056.885 χ^2 /NDF: 1.2/2

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

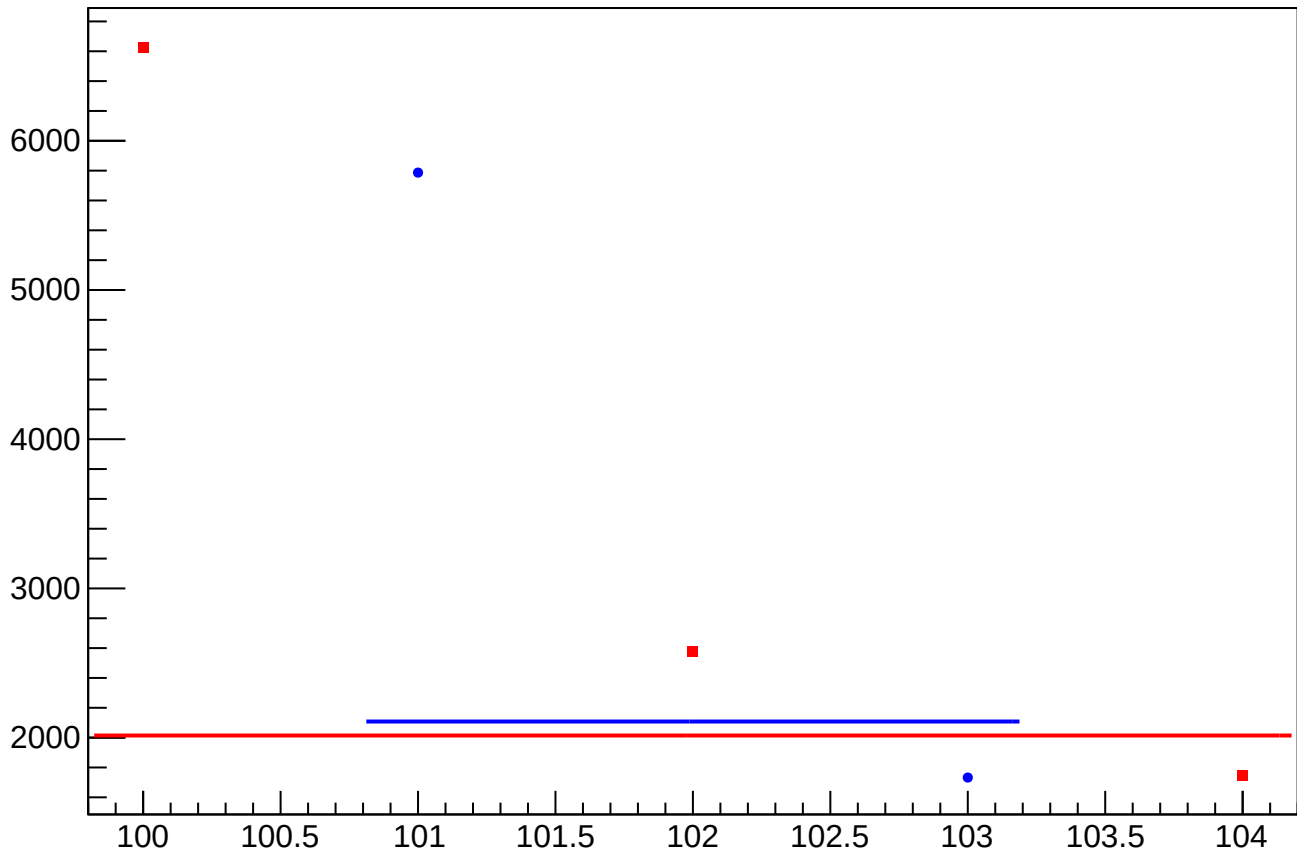
Right: 823.283 $\pm$ 1494.797 χ^2 /NDF: 5.0/4

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: 823.283 $\pm$ 1494.797 χ^2 /NDF: 5.0/4

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 2107.964+/-1.539 χ^2/NDF : 583498.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2014.307+/-1.454 χ^2/NDF : 135954.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

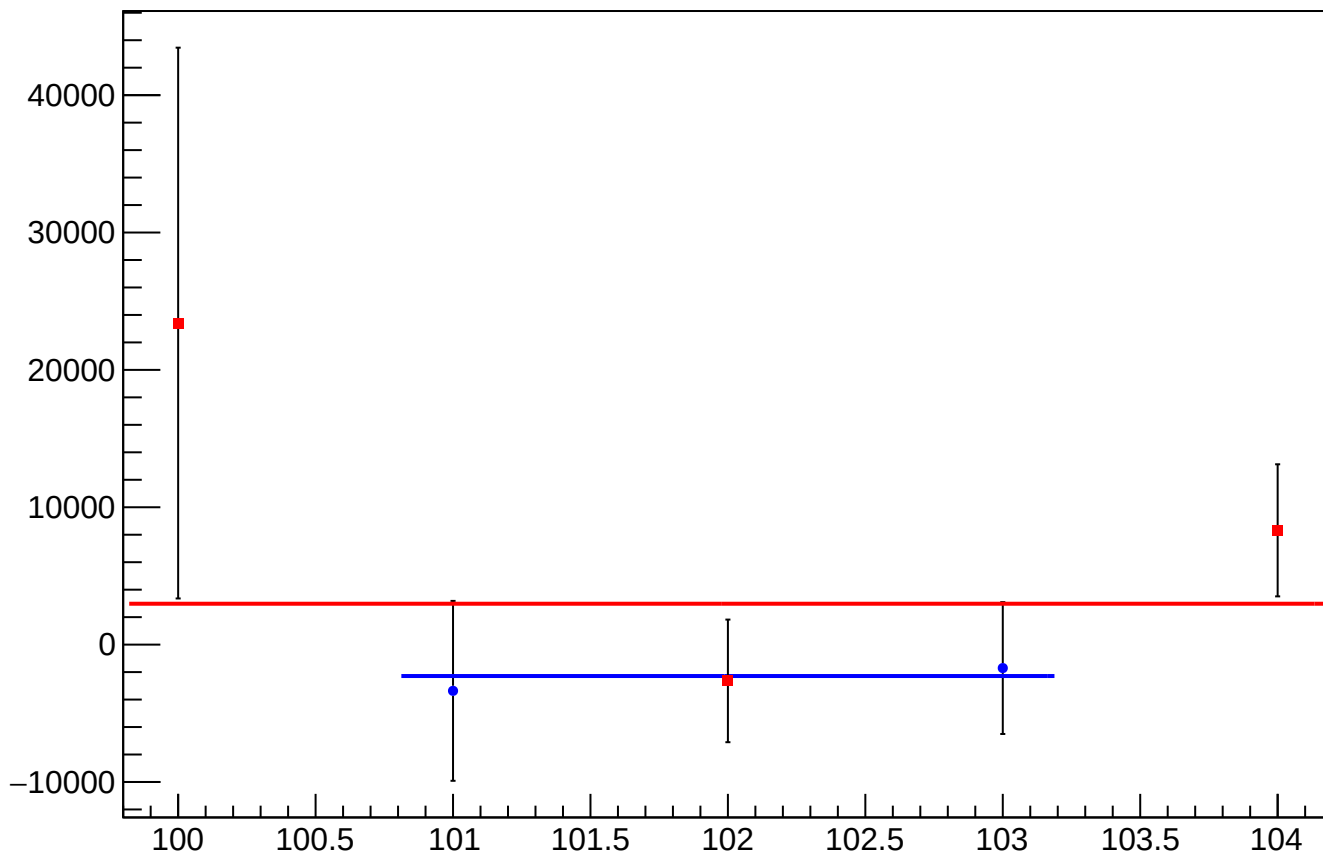
Right: 2058.500+/-1.057 χ^2/NDF : 721409.2/4

In: 2107.964+/-1.539 χ^2/NDF : 583498.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2058.500+/-1.057 χ^2/NDF : 721409.2/4

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: 2976.571+/-3228.285 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

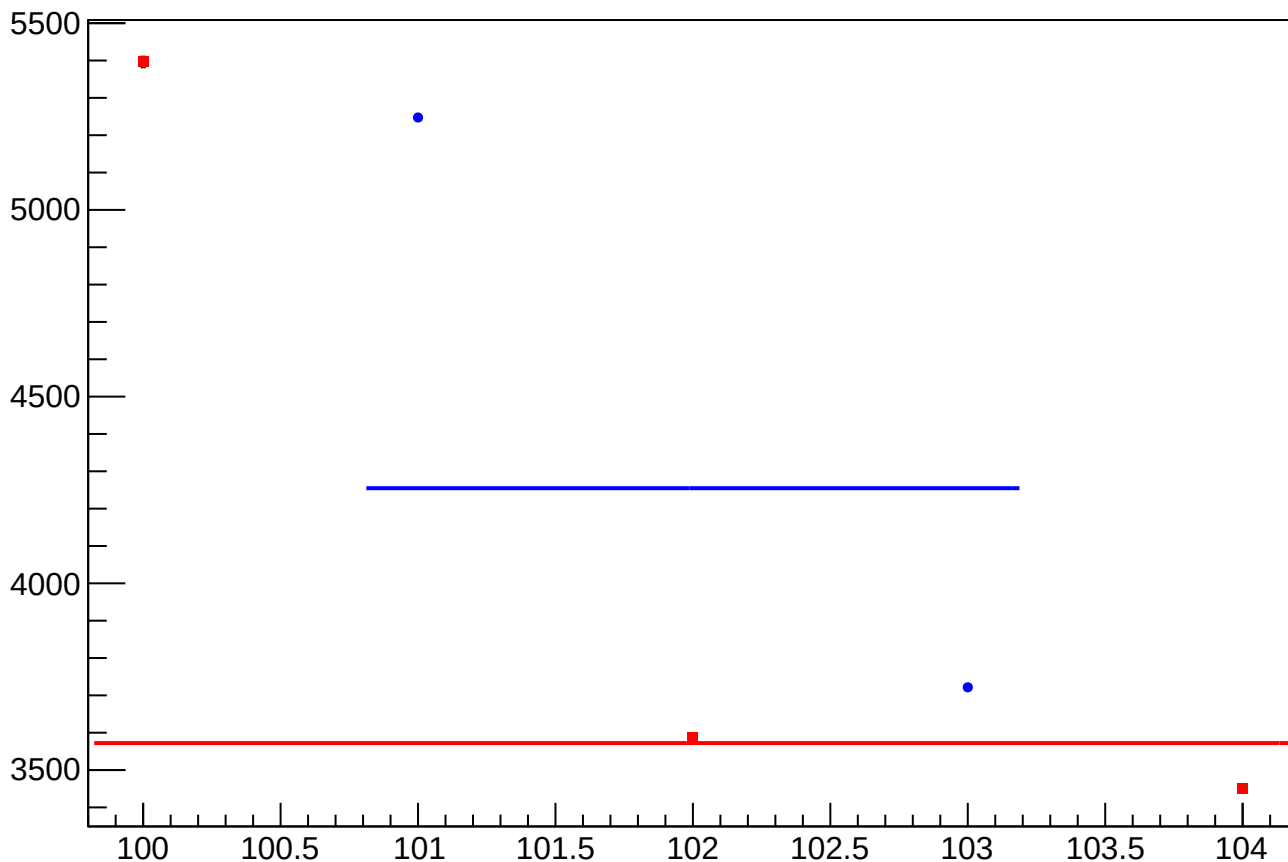
Right: 817.393+/-249.143 χ^2/NDF : 5.0/4

In: -2286.359+/-3870.537 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 817.393+/-249.143 χ^2/NDF : 5.0/4

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: 3572.241+/-2.283 χ^2/NDF : 17855.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

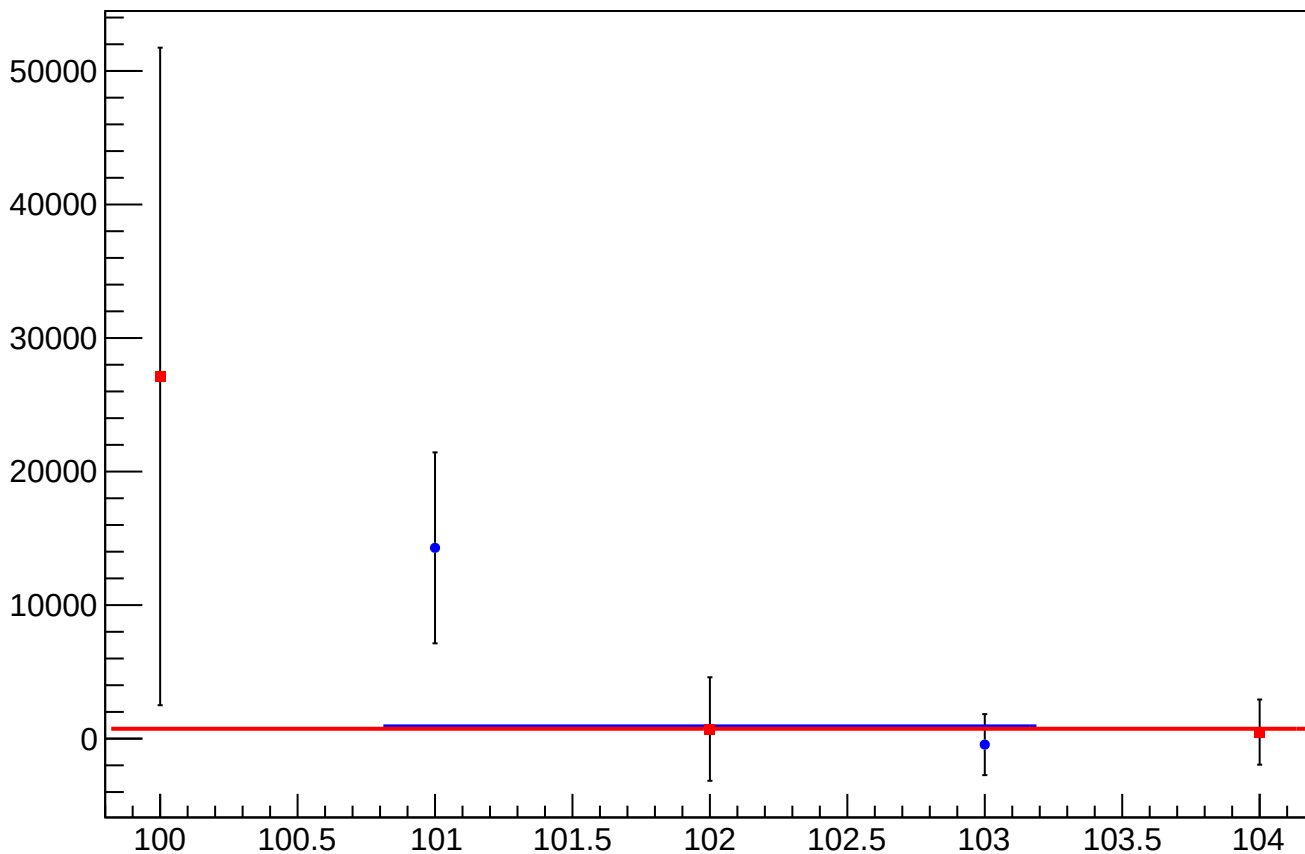
Right: 3852.242+/-1.753 χ^2/NDF : 125184.7/4

In: 4254.736+/-2.737 χ^2/NDF : 70656.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3852.242+/-1.753 χ^2/NDF : 125184.7/4

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: 739.809+/-2056.884 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

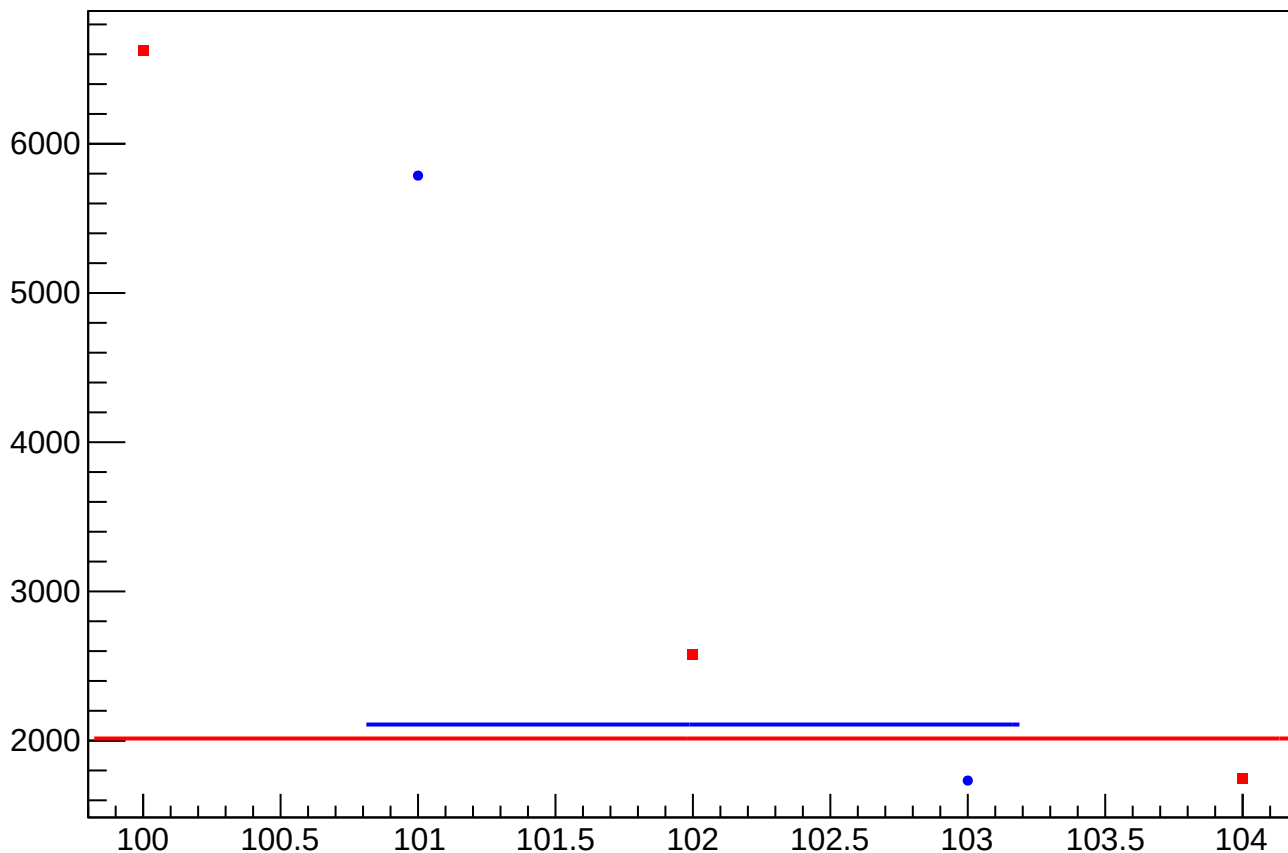
Right: 823.282+/-1494.796 χ^2/NDF : 5.0/4

In: 916.709+/-2176.069 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 823.282+/-1494.796 χ^2/NDF : 5.0/4

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: 2014.306+/-1.454 χ^2/NDF : 135954.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

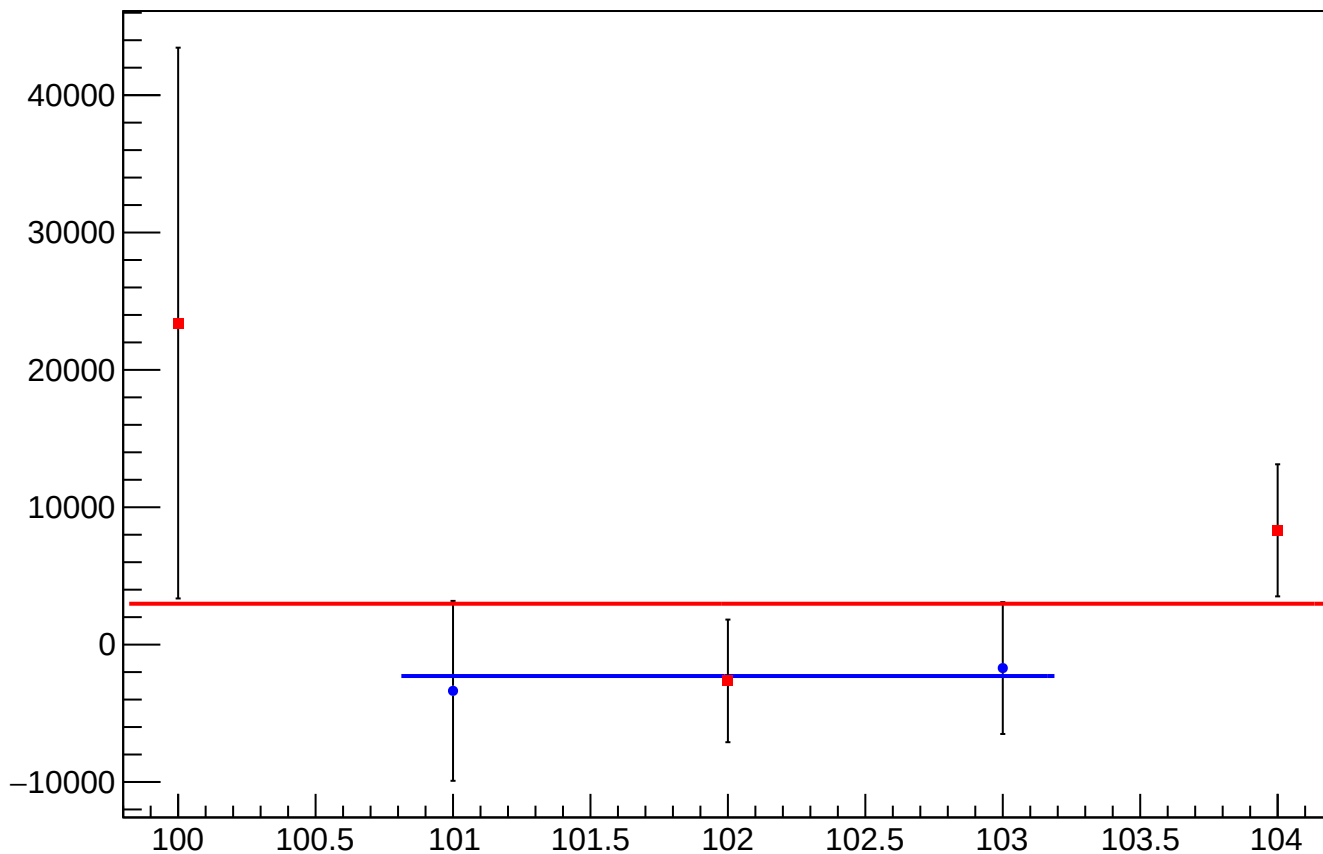
Right: 2058.499+/-1.057 χ^2/NDF : 721409.5/4

In: 2107.963+/-1.539 χ^2/NDF : 583498.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2058.499+/-1.057 χ^2/NDF : 721409.5/4

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: 2976.569+/-3228.284 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

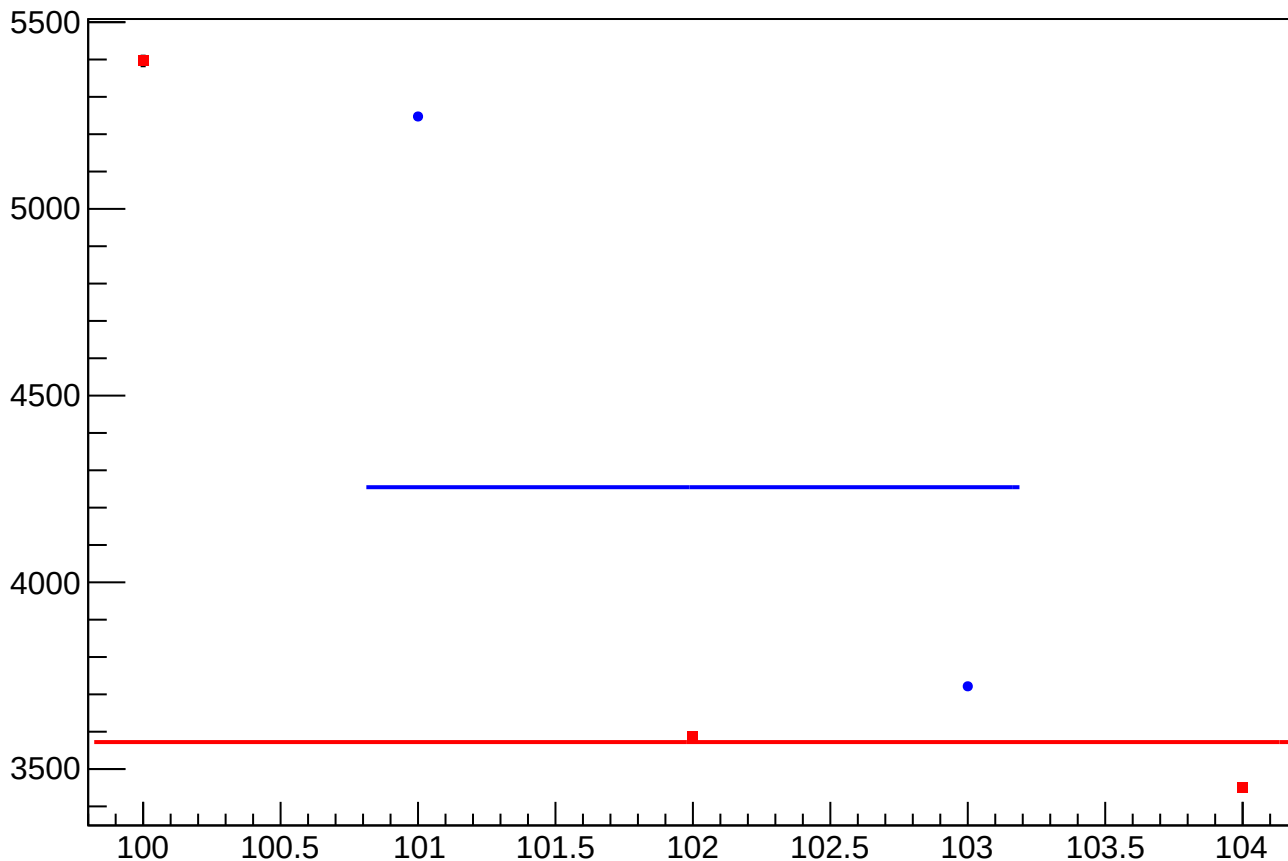
Right: 817.391+/-2479.142 χ^2/NDF : 5.0/4

In: -2286.358+/-3870.533 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 817.391+/-2479.142 χ^2/NDF : 5.0/4

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: 3572.239+/-2.283 χ^2/NDF : 17855.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

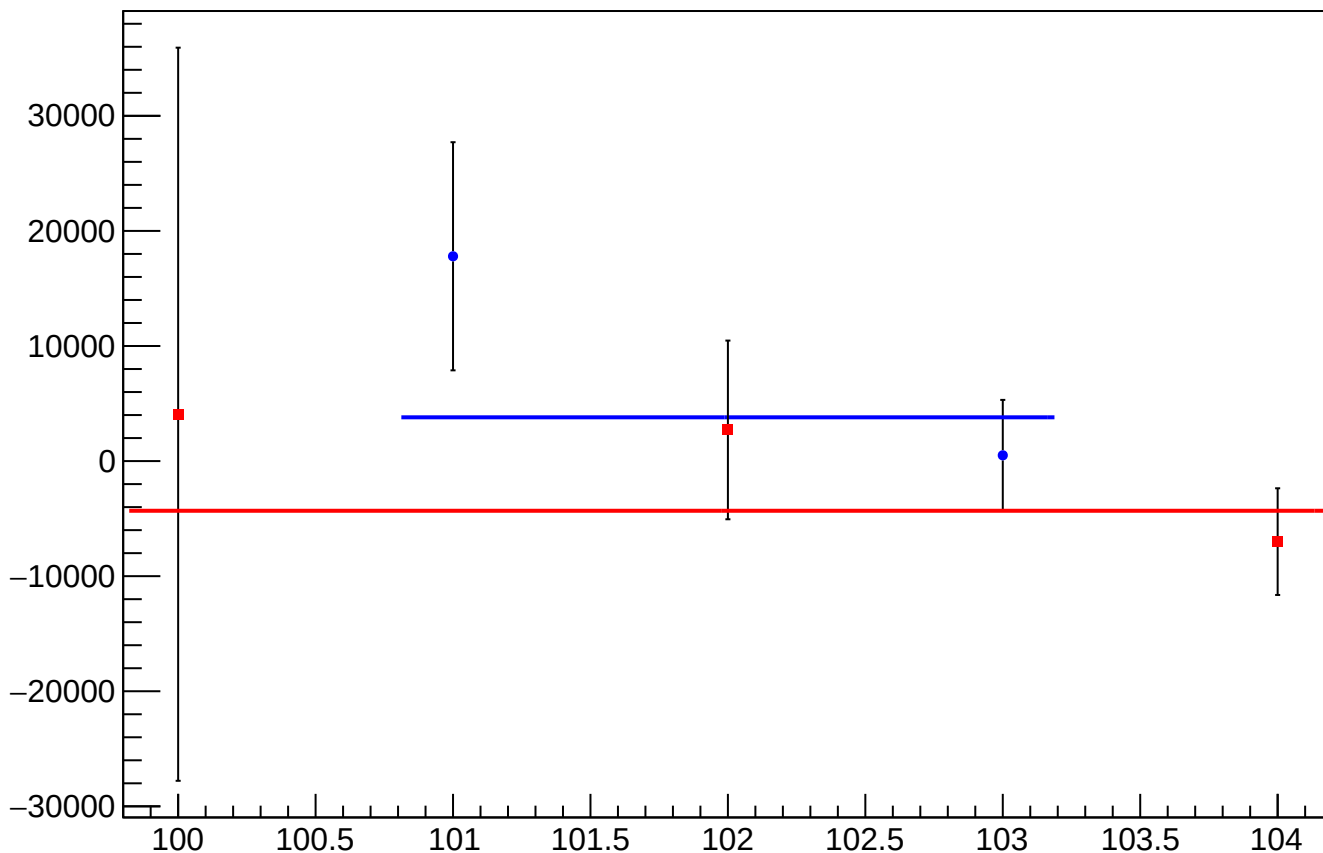
Right: 3852.240+/-1.753 χ^2/NDF : 125184.2/4

In: 4254.733+/-2.737 χ^2/NDF : 70656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3852.240+/-1.753 χ^2/NDF : 125184.2/4

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: -4317.041+/-3949.352 χ^2 /NDF: 1.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

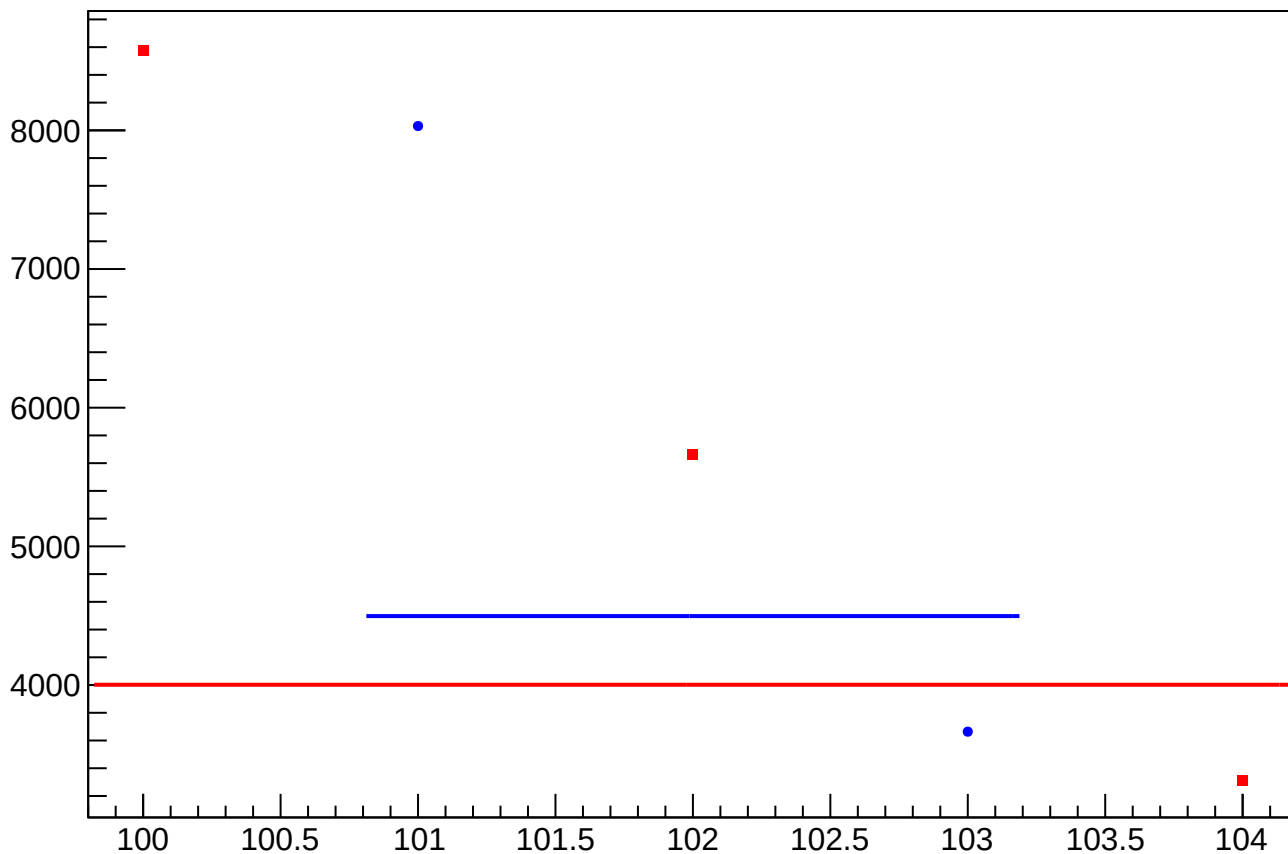
Right: -629.945+/-2918.105 χ^2 /NDF: 5.6/4

In: 3803.360+/-4330.593 χ^2 /NDF:2.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -629.945+/-2918.105 χ^2 /NDF: 5.6/4

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: 4002.085+/-2.792 χ^2/NDF : 177049.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

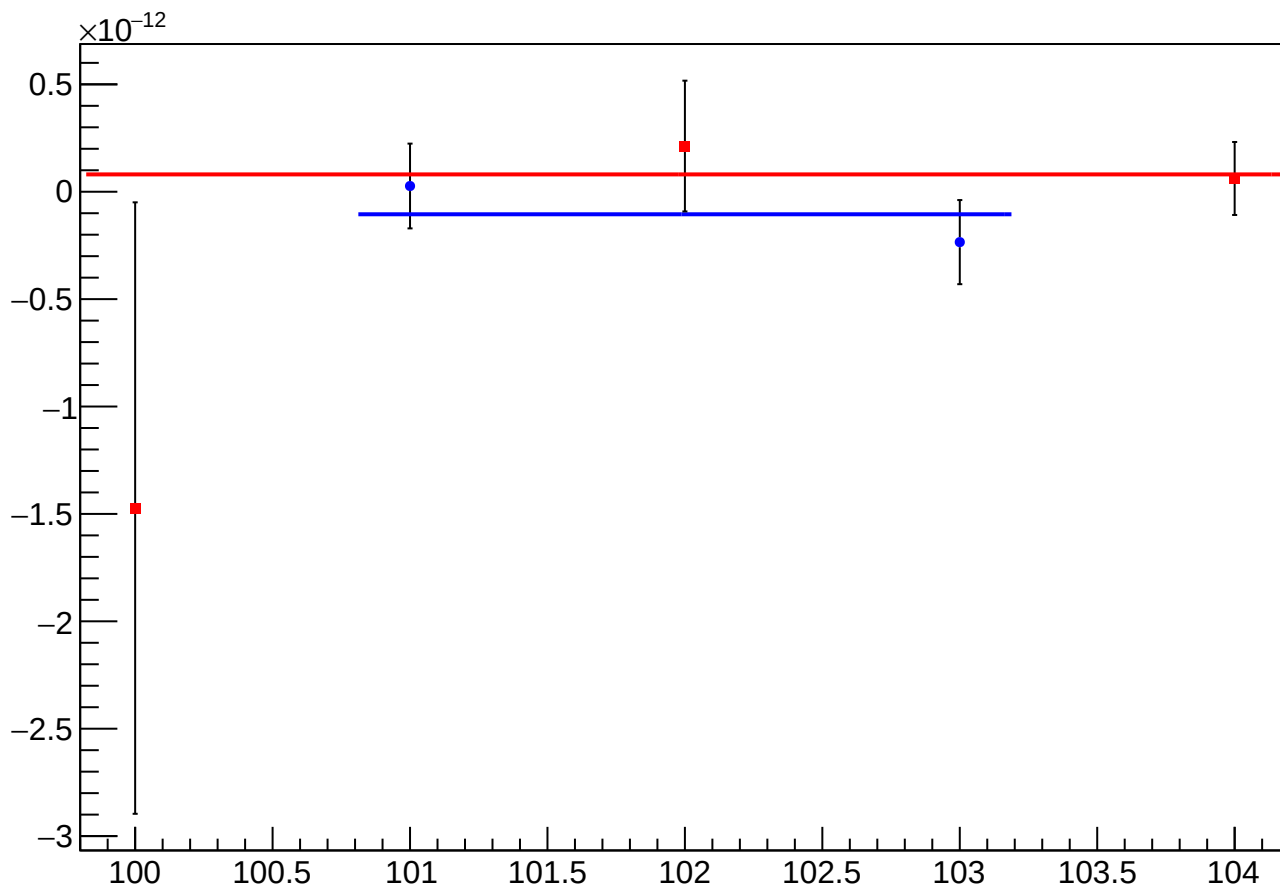
Right: 4226.941+/-2.063 χ^2/NDF : 505524.9/4

In: 4497.319+/-3.062 χ^2/NDF : 314195.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4226.941+/-2.063 χ^2/NDF : 505524.9/4

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: 1.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

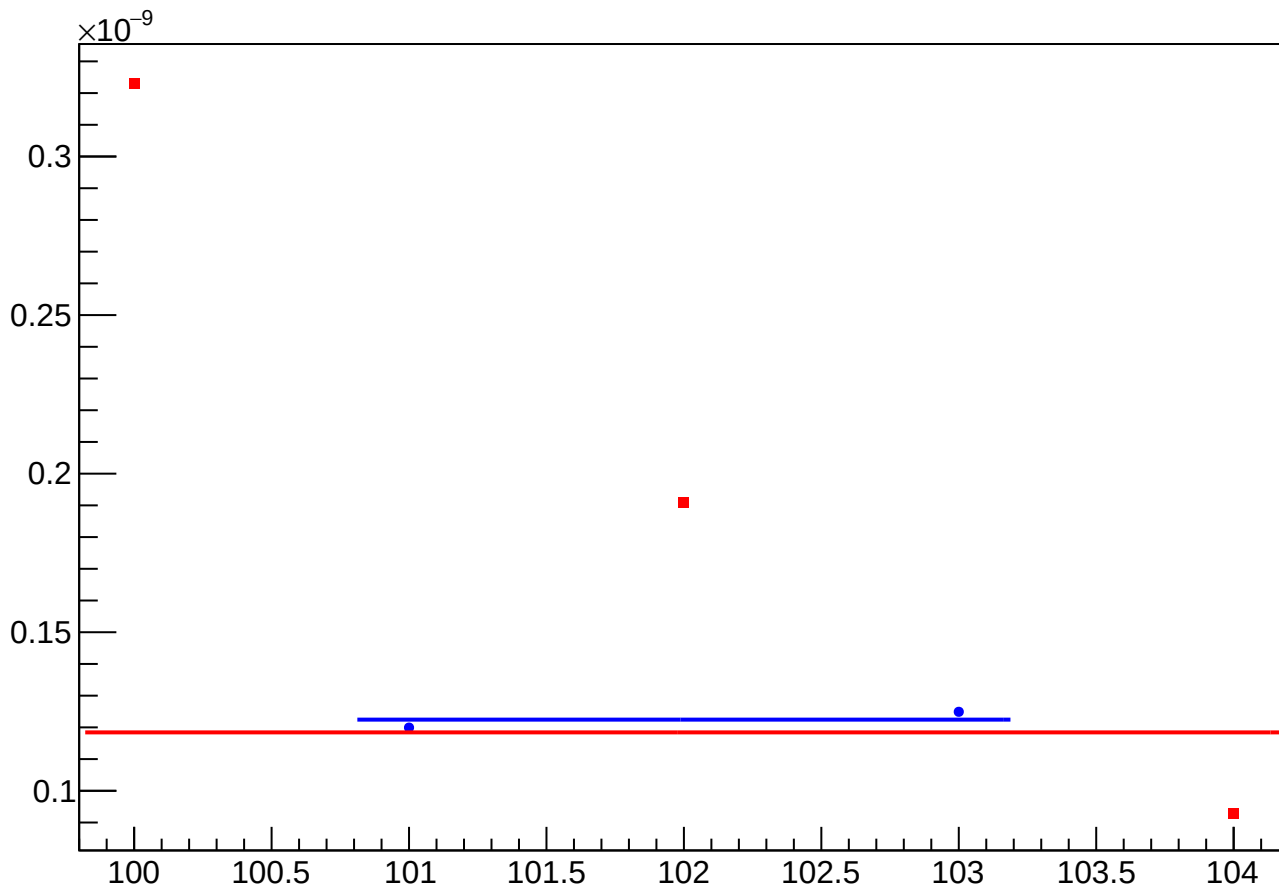
Right: -0.000+/-0.000 χ^2 /NDF: 3.1/4

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: 3.1/4

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 : 200389.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

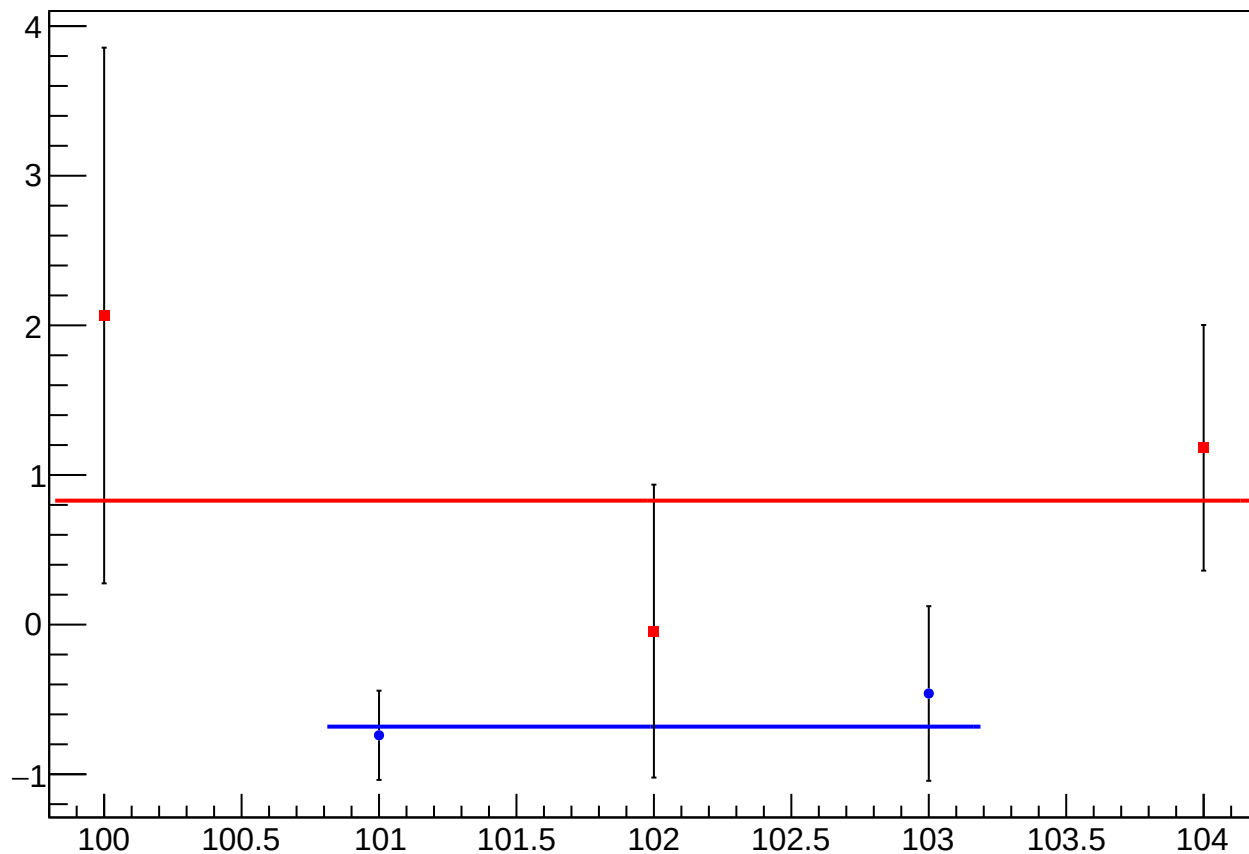
Right: 0.000+/-0.000 χ^2/NDF : 201818.2/4

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 : 201818.2/4

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: 0.829 $\pm$ 0.593 χ^2 /NDF: 1.5/2

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

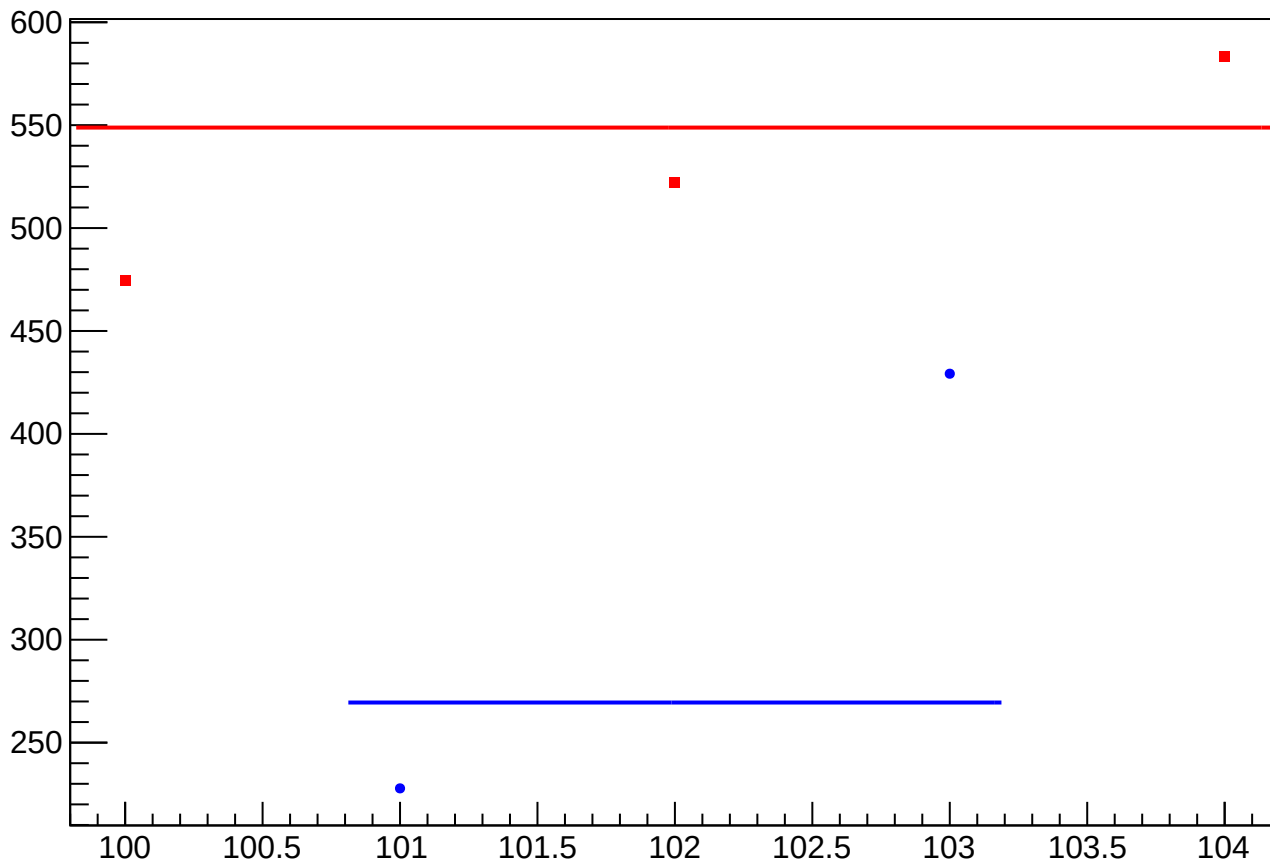
Right: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.820+/-0.420 χ^2/NDF : 8428.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

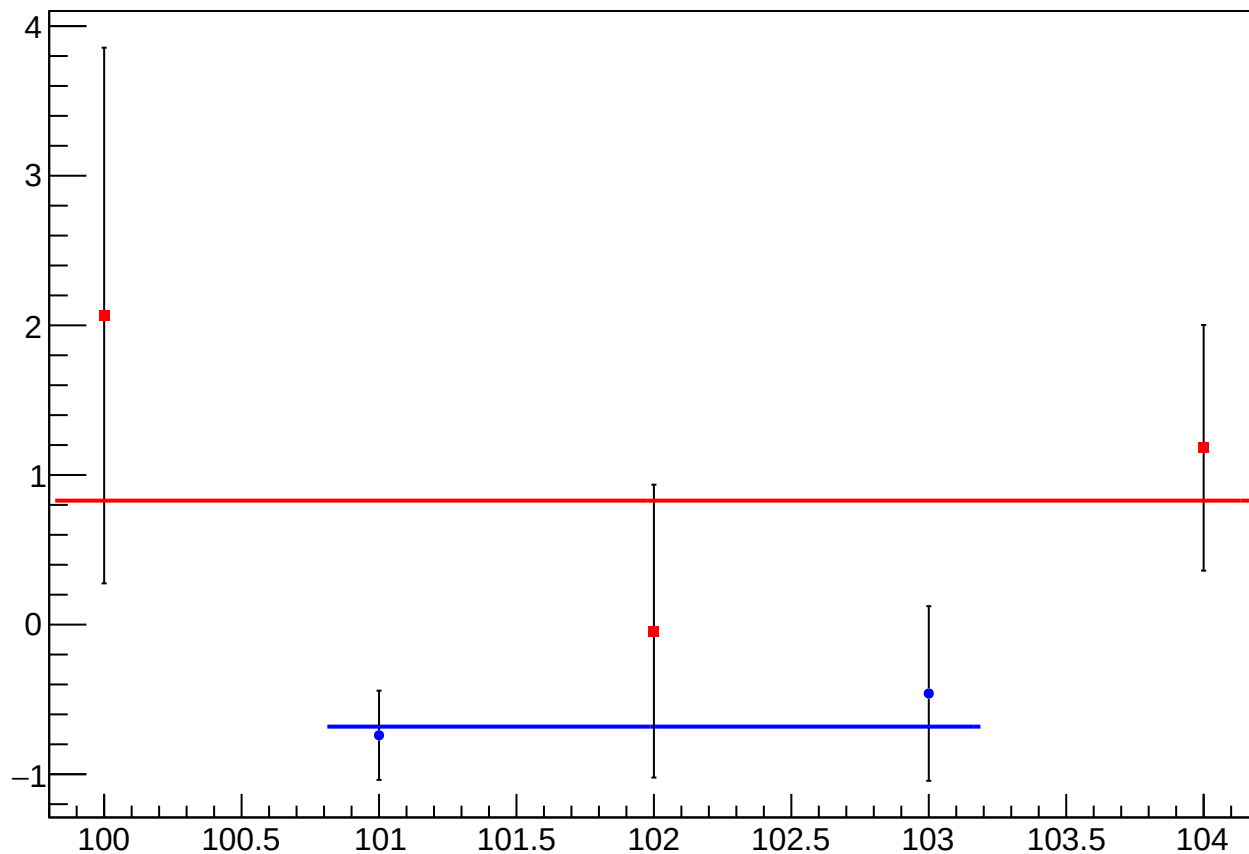
Right: 316.084+/-0.171 χ^2/NDF : 566742.0/4

In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.084+/-0.171 χ^2/NDF : 566742.0/4

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.829 $\pm$ 0.593 χ^2 /NDF: 1.5/2

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

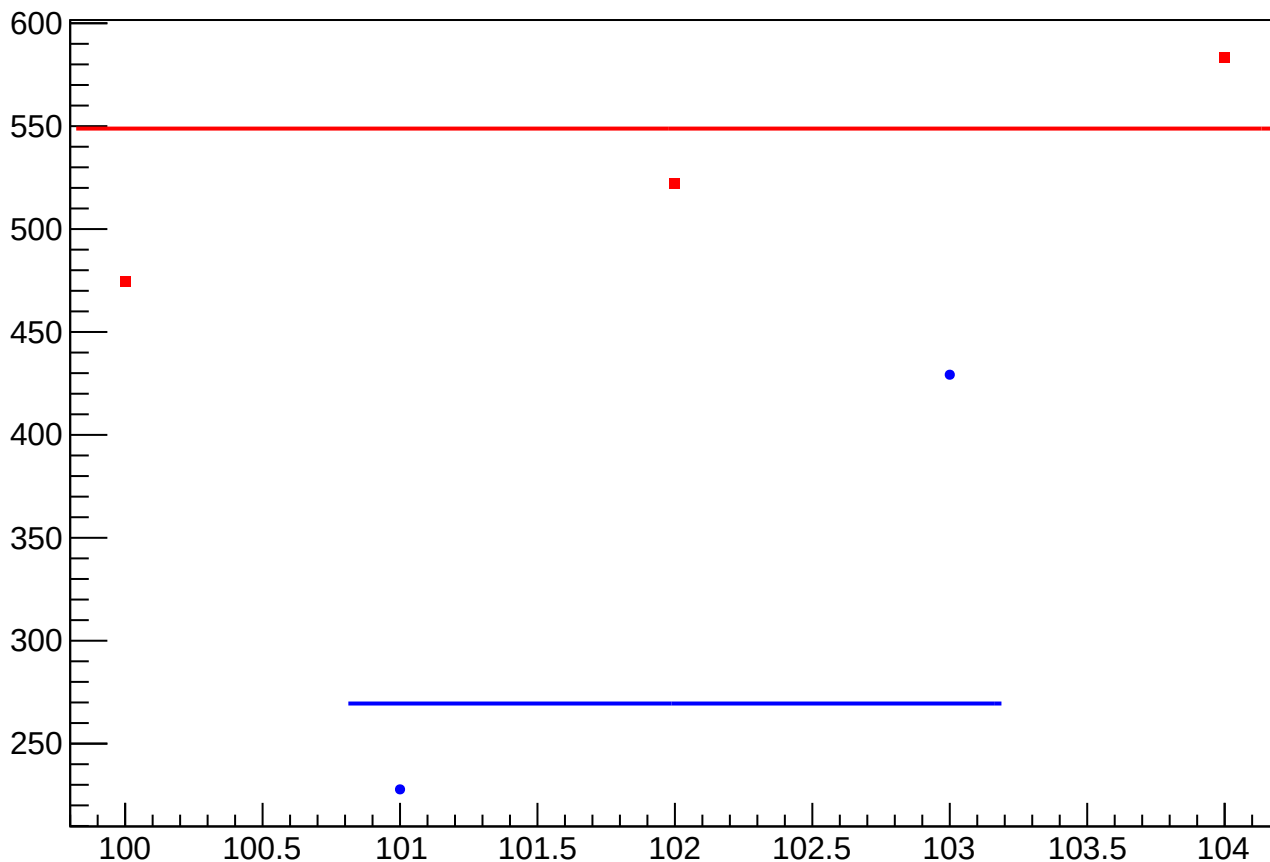
Right: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 548.820+/-0.420 χ^2/NDF : 8428.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

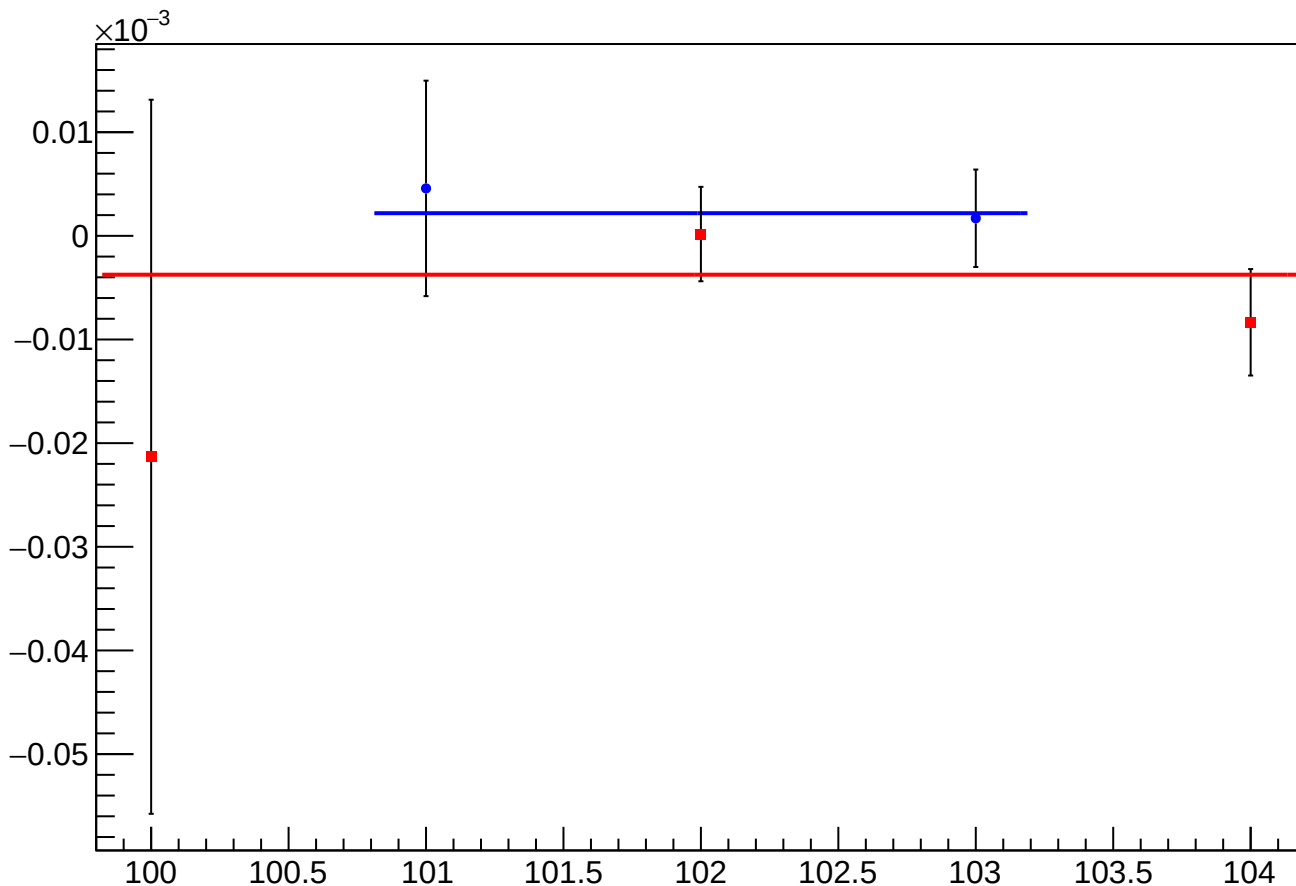
Right: 316.084+/-0.171 χ^2/NDF : 566742.0/4

In: 269.490+/-0.188 χ^2/NDF : 189038.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.084+/-0.171 χ^2/NDF : 566742.0/4

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: 1.8/2

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

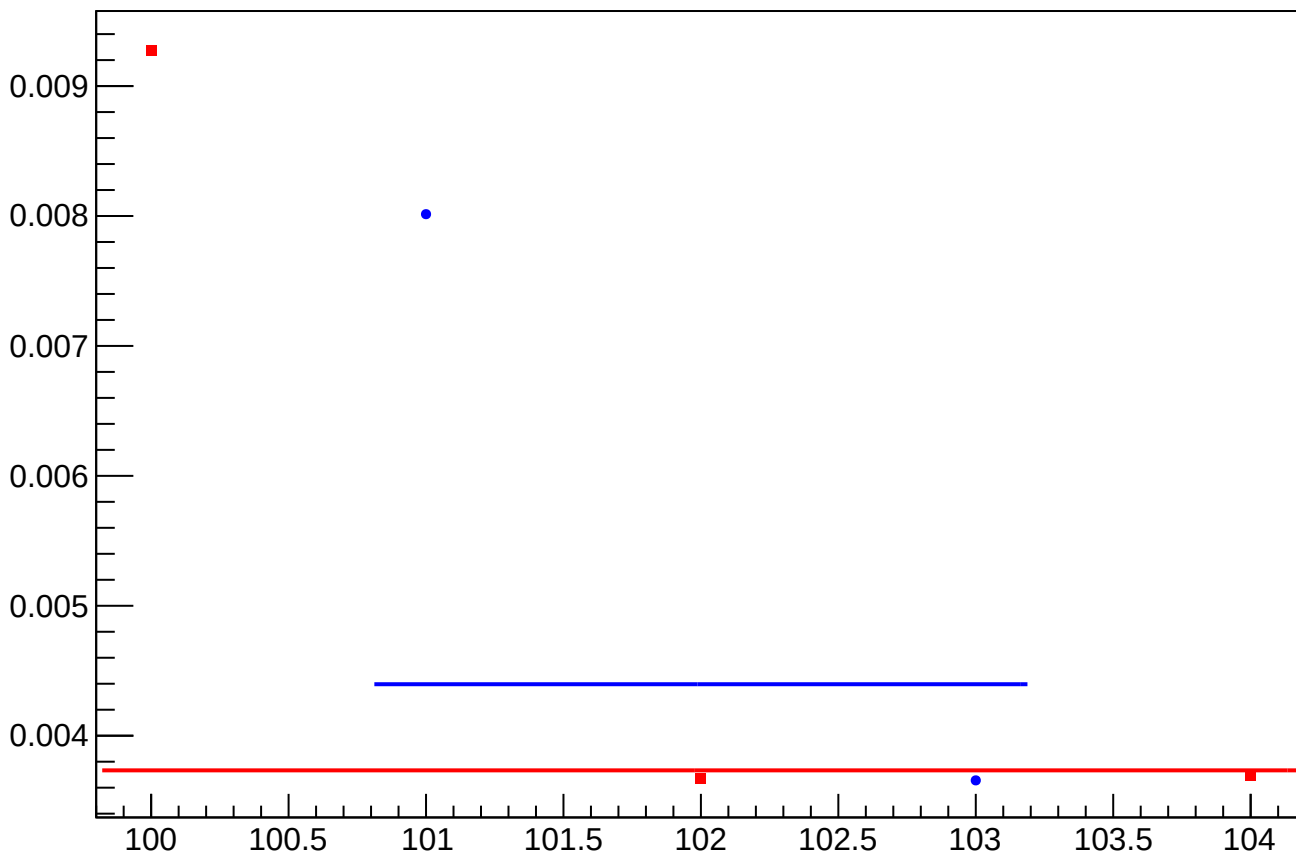
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/4

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: 3.0/4

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: 0.004+/-0.000 χ^2/NDF : 52230.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

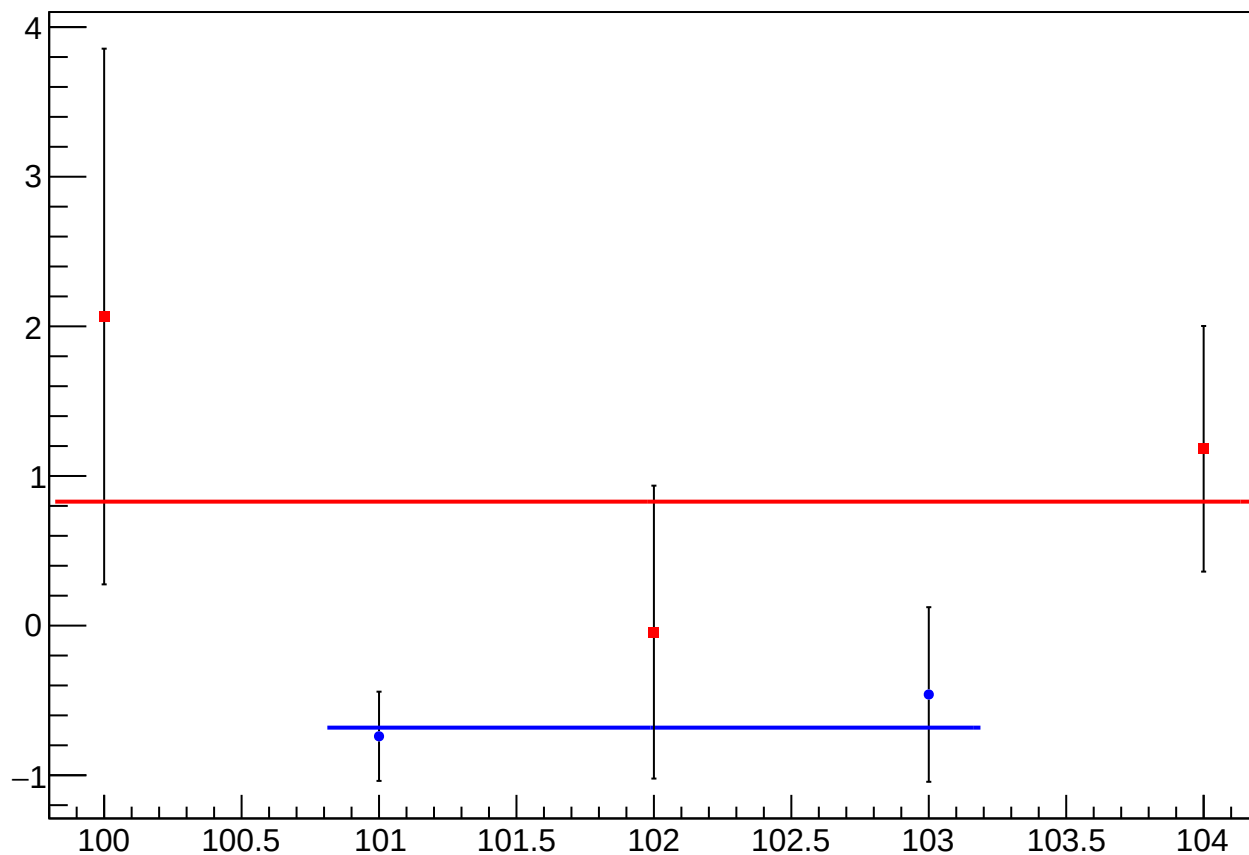
Right: 0.004+/-0.000 χ^2/NDF : 373594.6/4

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 : 373594.6/4

asym_atr1l2_avg_eigen_dit_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: 0.829 $\pm$ 0.593 χ^2 /NDF: 1.5/2

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

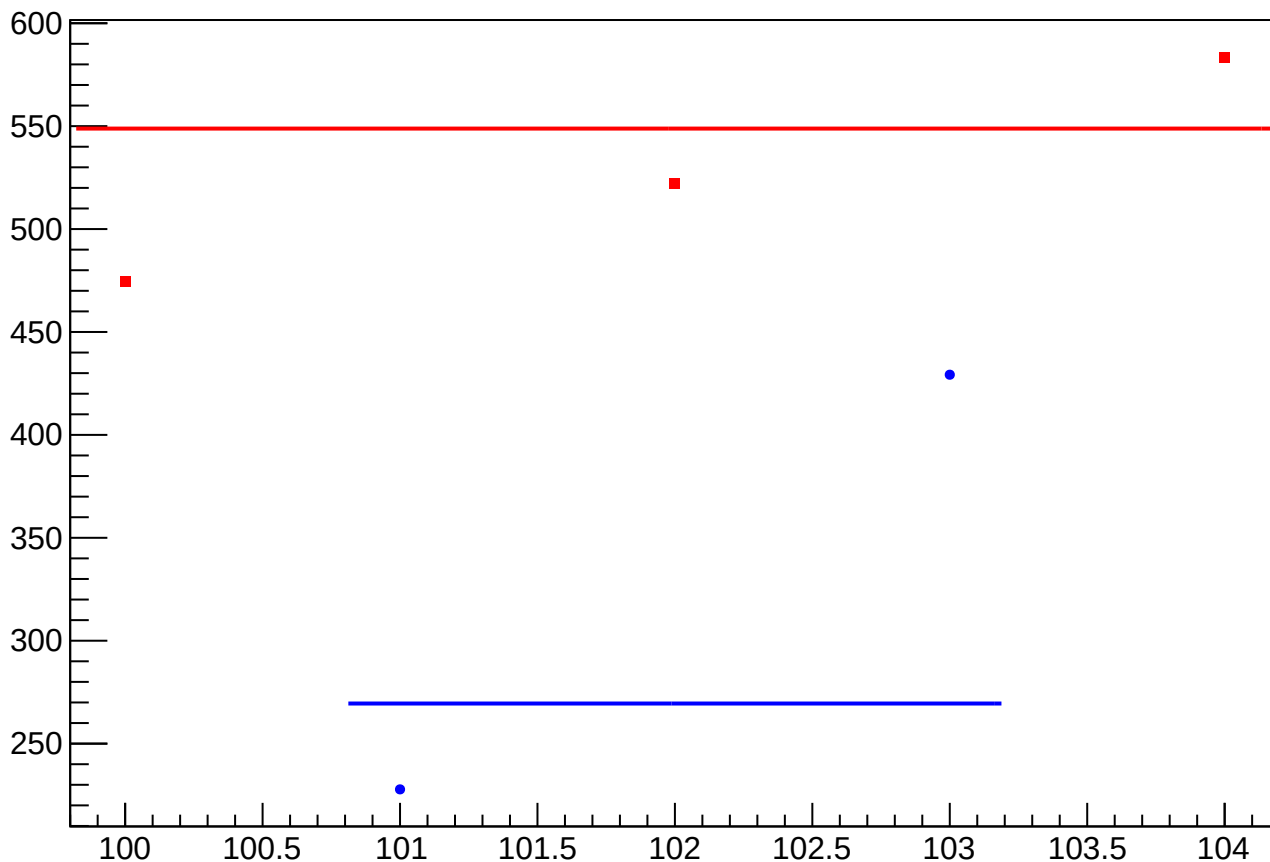
Right: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: 548.818+/-0.420 χ^2/NDF : 8428.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

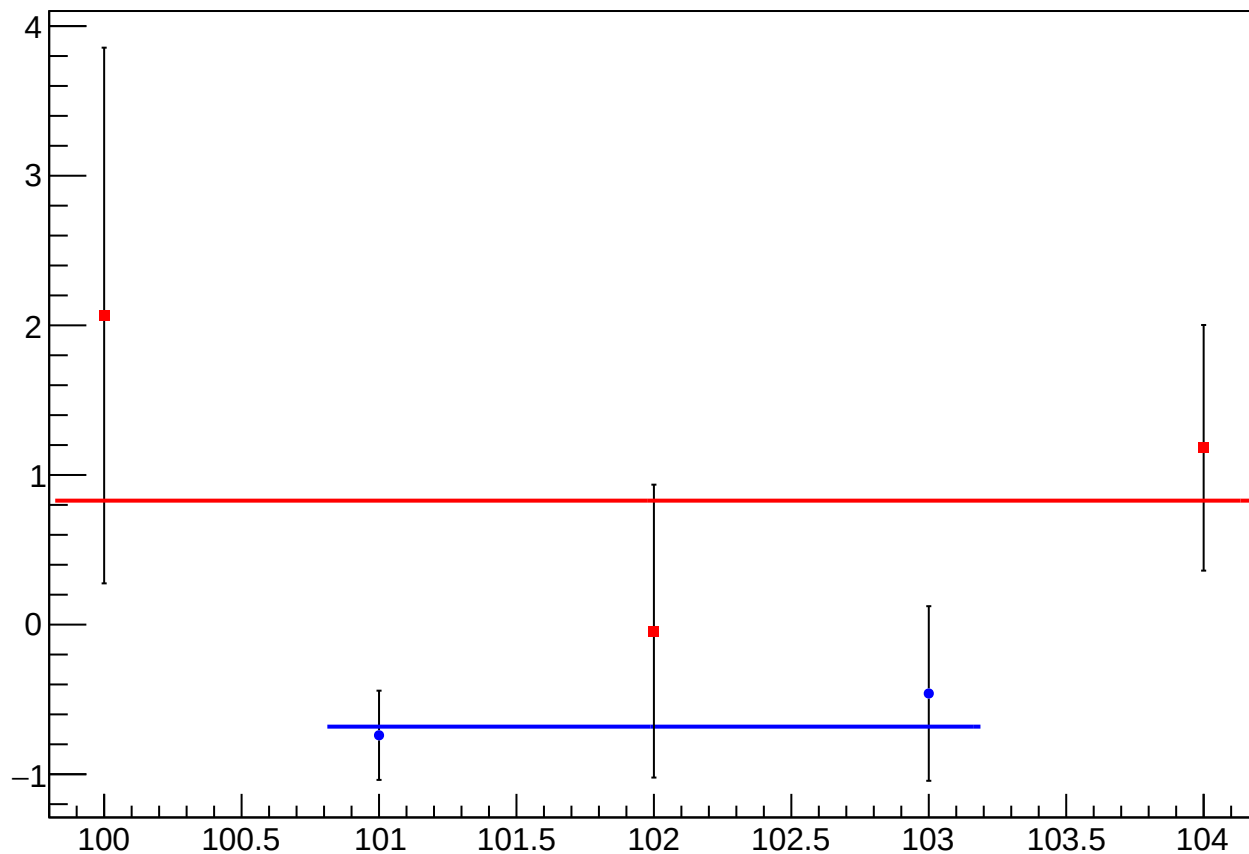
Right: 316.081+/-0.171 χ^2/NDF : 566746.6/4

In: 269.488+/-0.188 χ^2/NDF : 189039.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.081+/-0.171 χ^2/NDF : 566746.6/4

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.682 $\pm$ 0.265 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.829 $\pm$ 0.593 χ^2 /NDF: 1.5/2

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

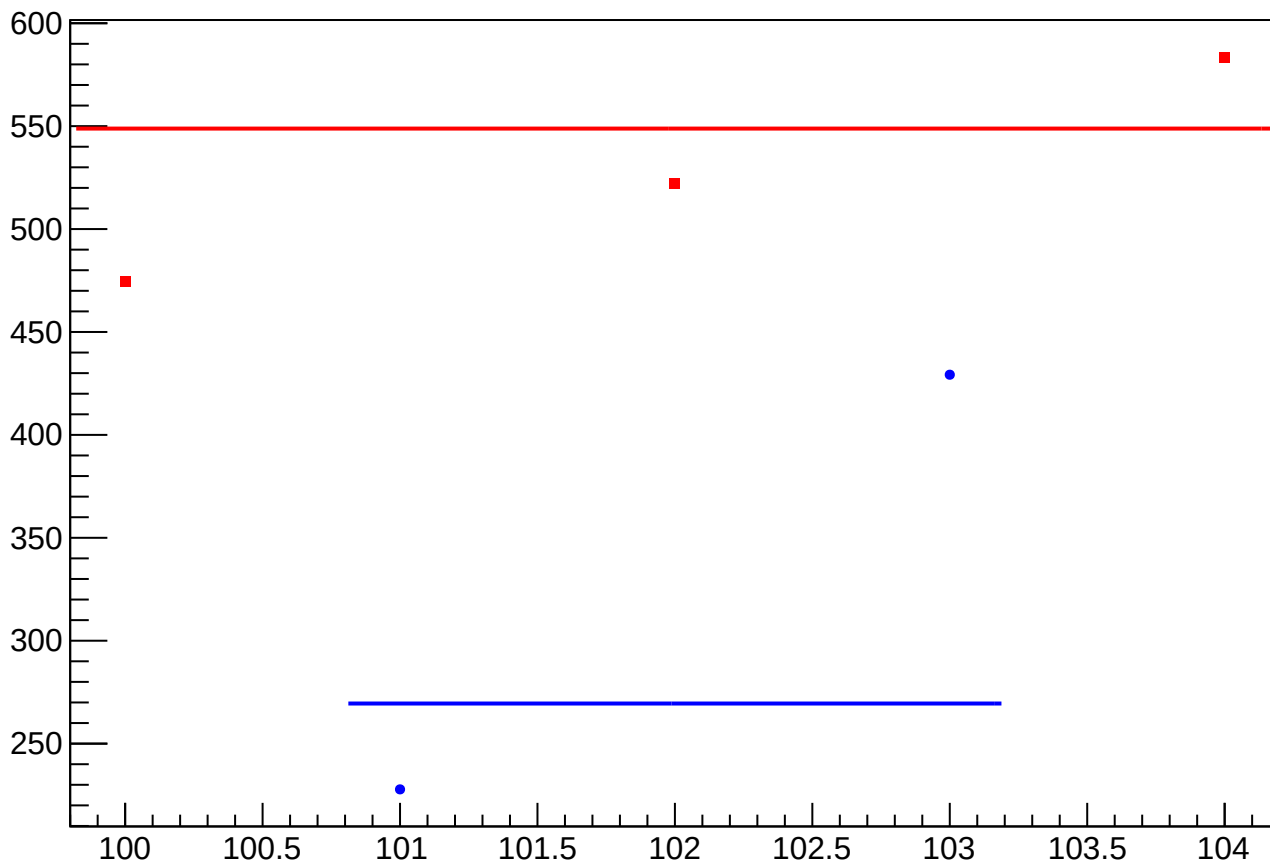
Right: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: -0.430 $\pm$ 0.242 χ^2 /NDF: 7.0/4

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: 548.818 $\pm$ 0.420 χ^2 /NDF: 8428.5/2

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

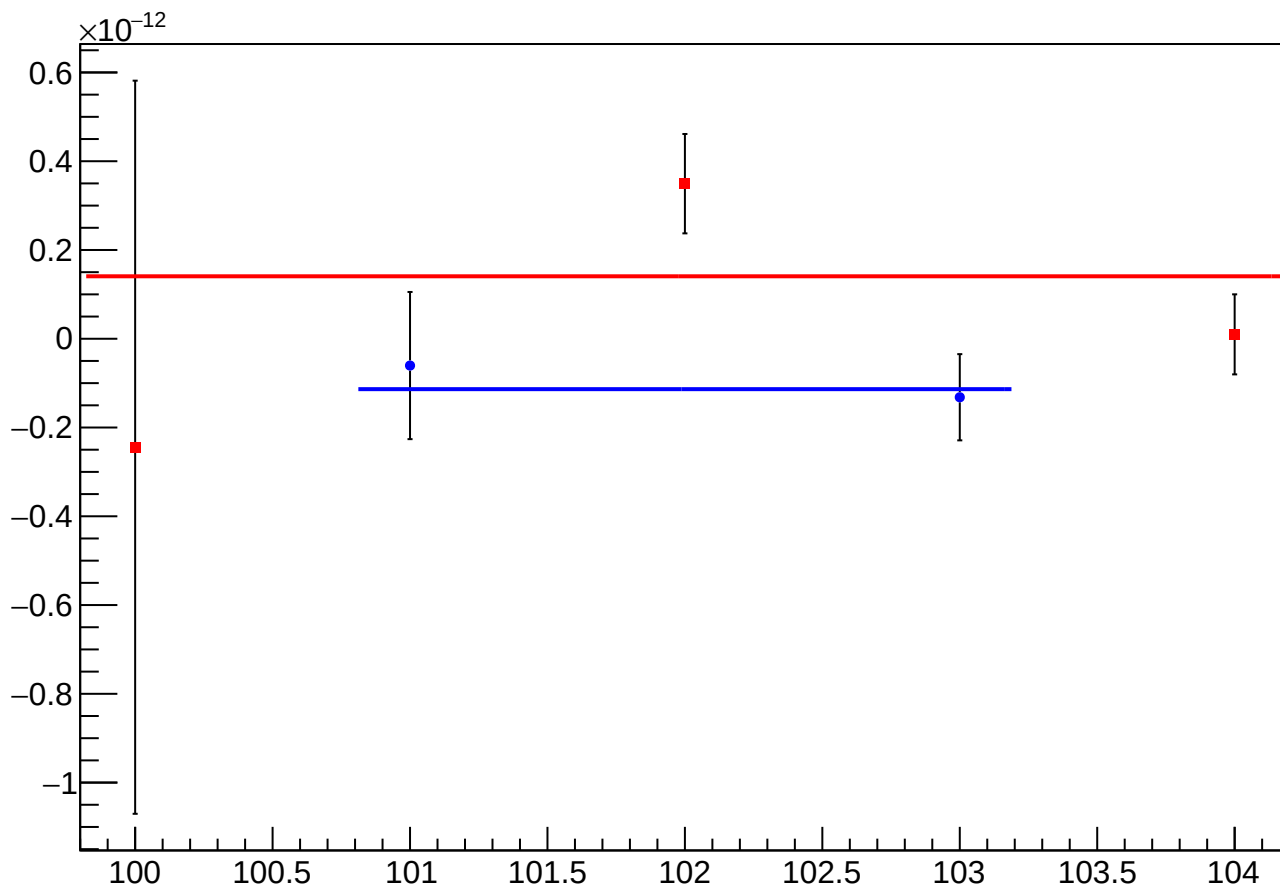
Right: 316.081 $\pm$ 0.171 χ^2 /NDF: 566746.6/4

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: 316.081 $\pm$ 0.171 χ^2 /NDF: 566746.6/4

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 : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

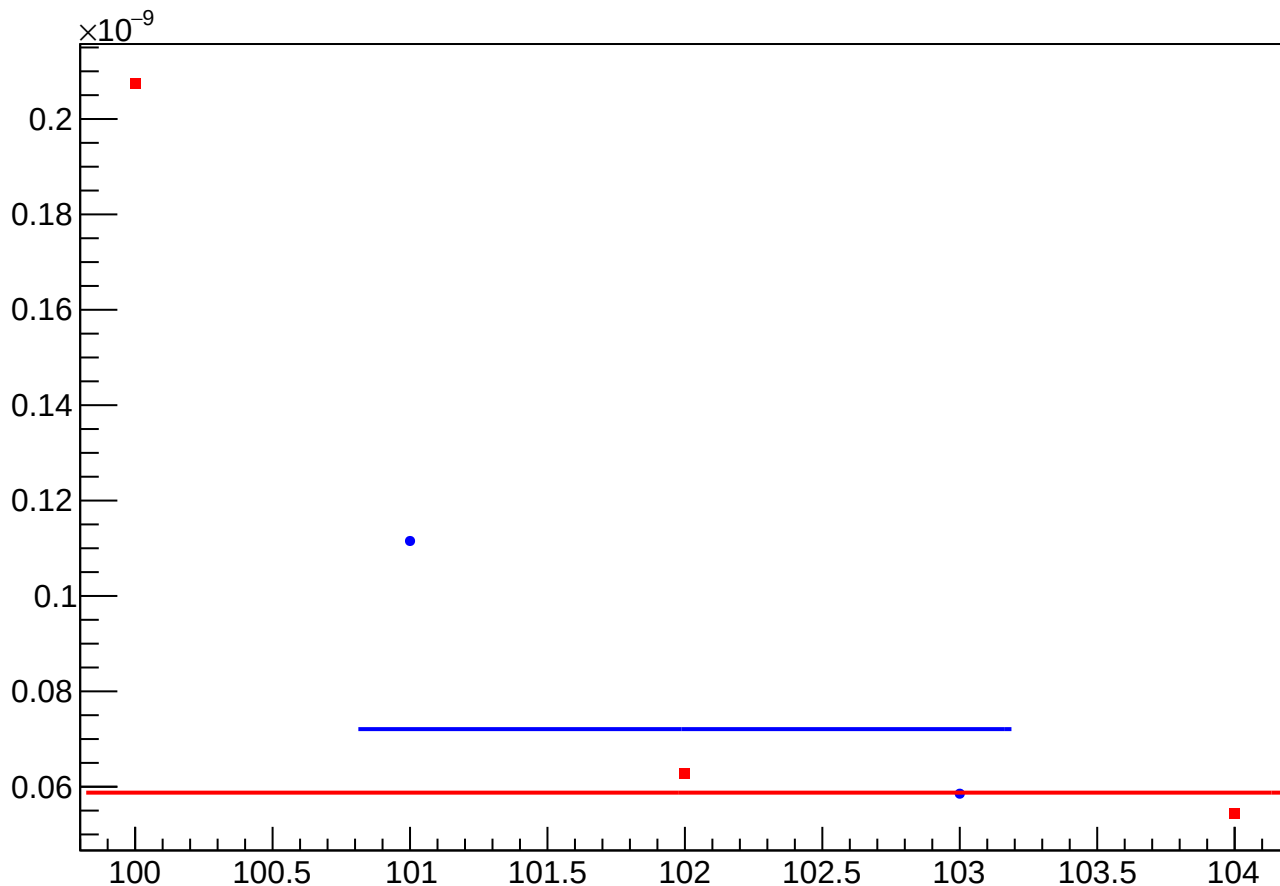
Right: 0.000+/-0.000 χ^2/NDF : 11.4/4

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 : 11.4/4

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 : 72079.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

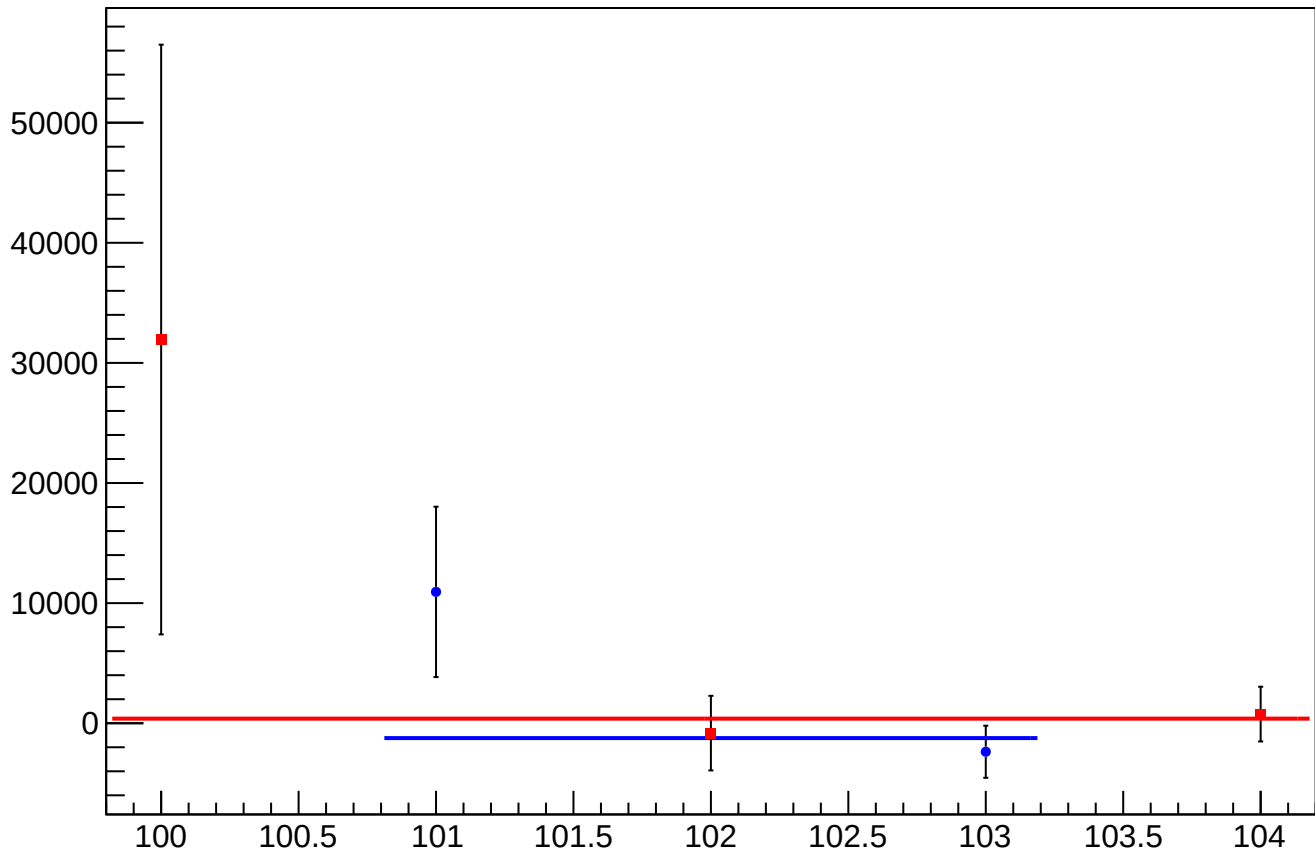
Right: 0.000+/-0.000 χ^2/NDF : 253898.4/4

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 : 253898.4/4

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: 384.047+/-1832.141 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

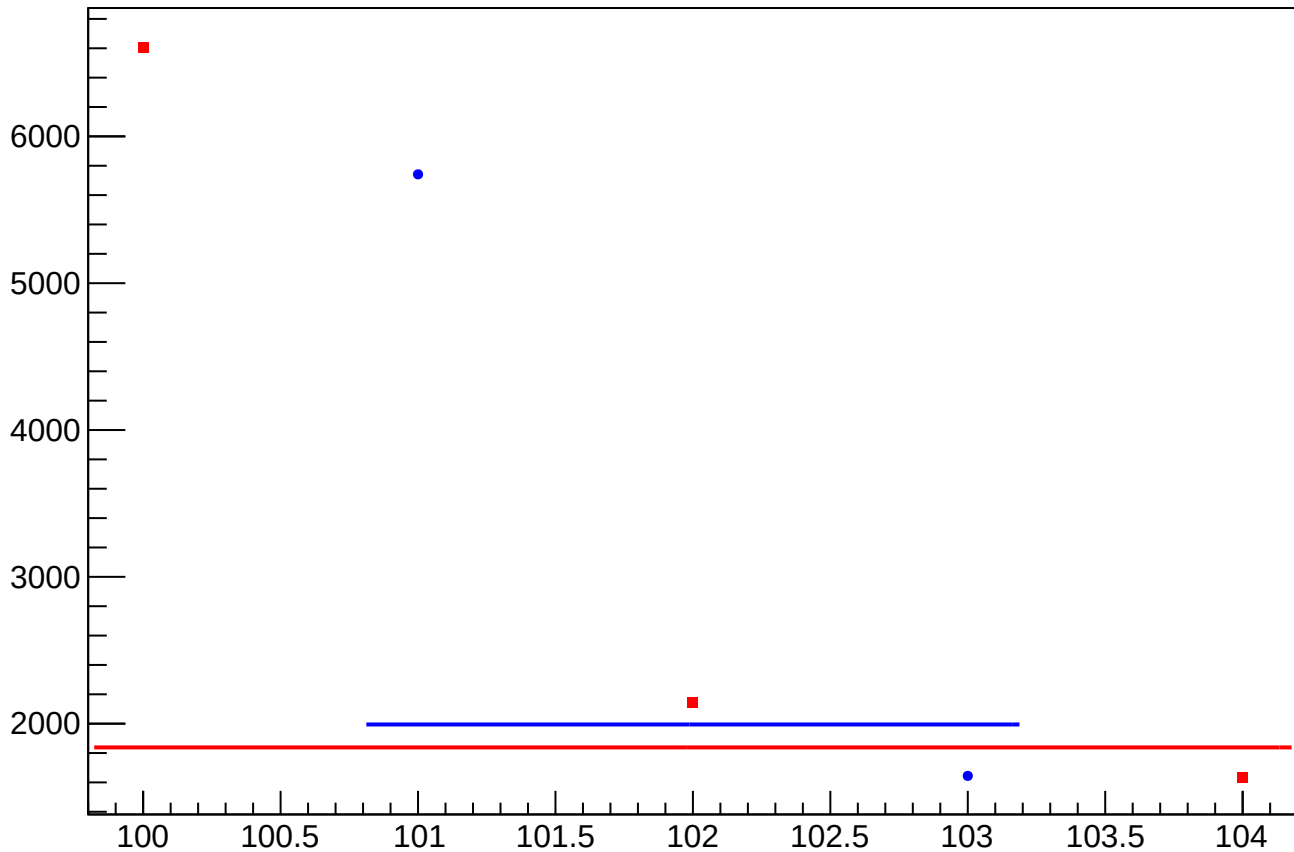
Right: -326.153+/-1373.030 χ^2/NDF : 5.4/4

In: -1236.005+/-2073.739 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.153+/-1373.030 χ^2/NDF : 5.4/4

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: 1838.330+/-1.295 χ^2/NDF : 111016.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

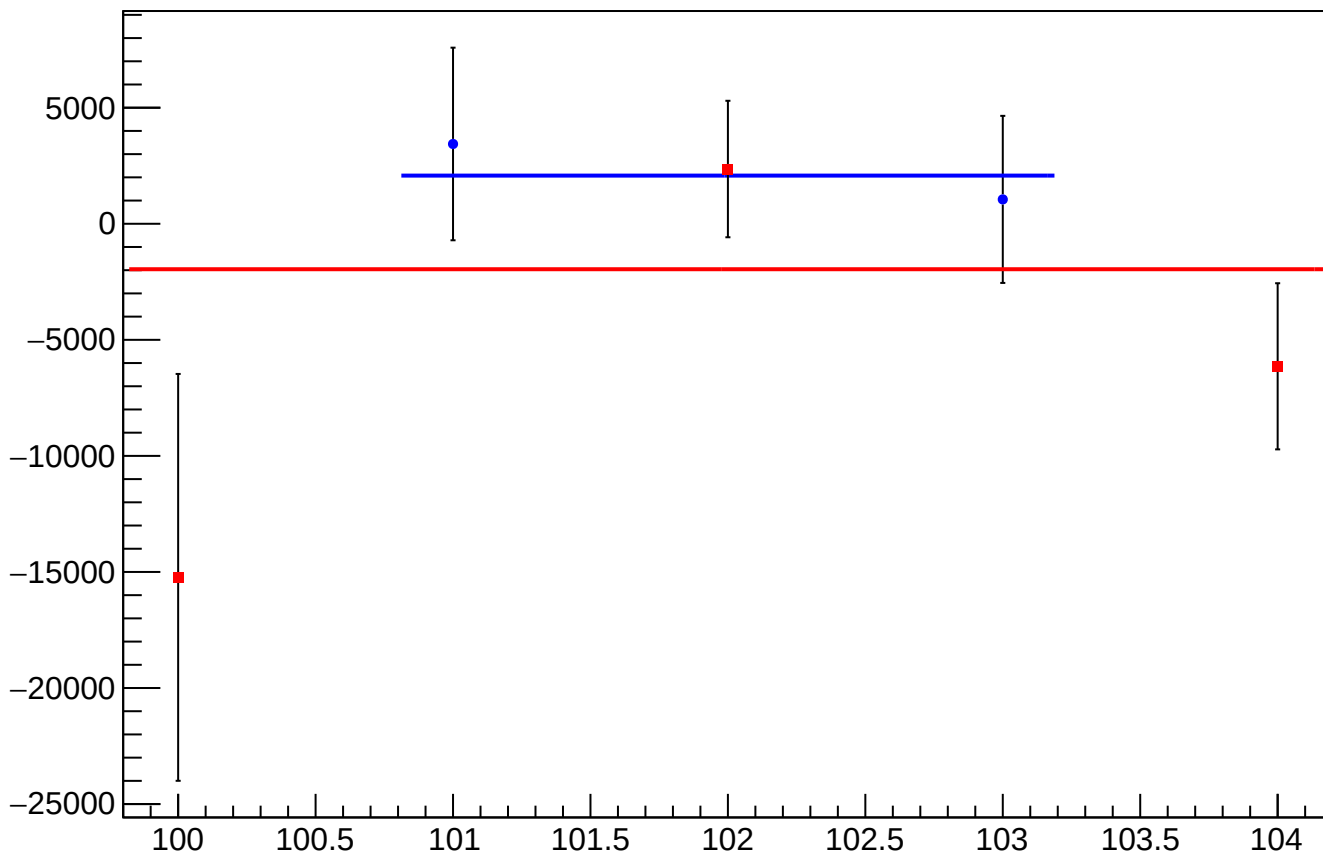
Right: 1906.820+/-0.971 χ^2/NDF : 727728.9/4

In: 1994.568+/-1.466 χ^2/NDF : 610336.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.820+/-0.971 χ^2/NDF : 727728.9/4

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: -1958.092+/-2198.990 χ^2 /NDF: 5.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

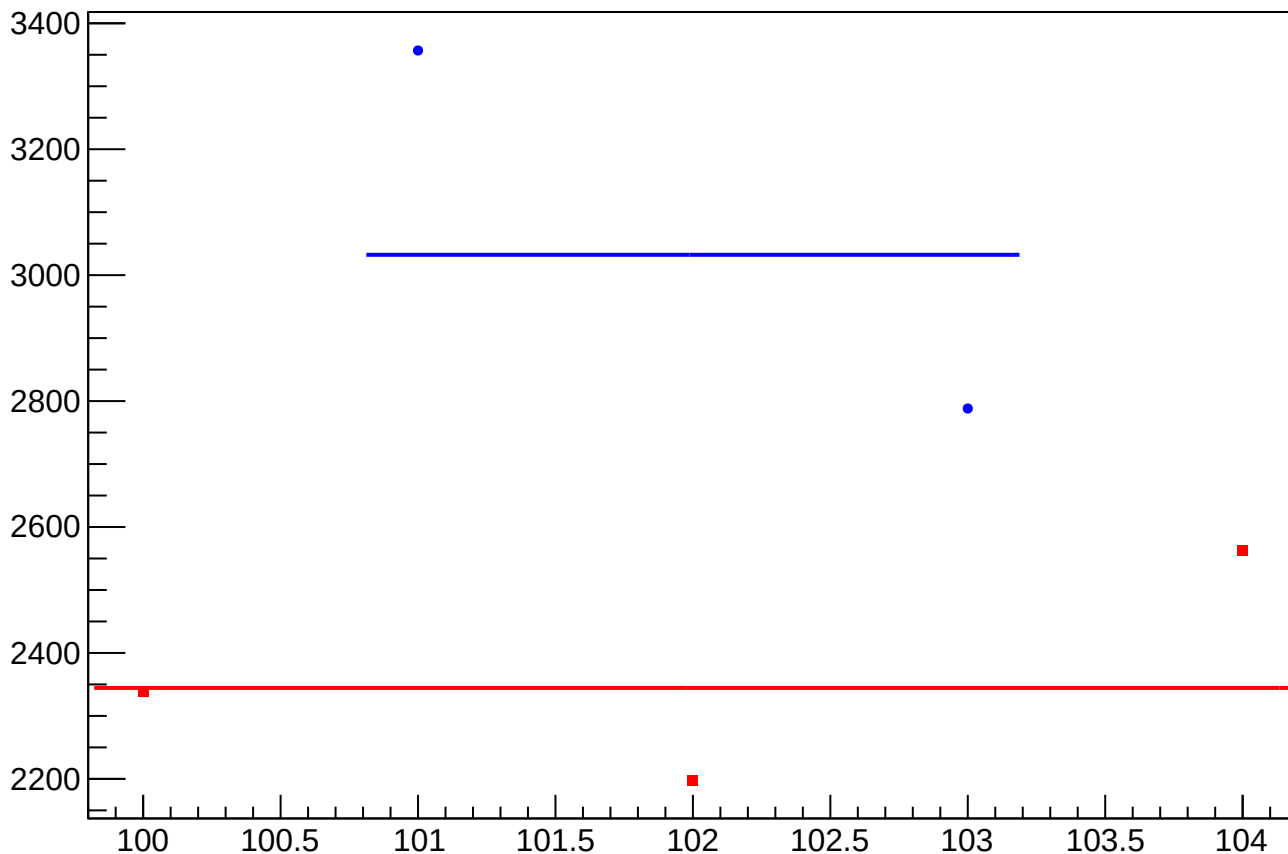
Right: -362.826+/-1709.698 χ^2 /NDF: 7.3/4

In: 2075.392+/-2718.586 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -362.826+/-1709.698 χ^2 /NDF: 7.3/4

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: 2344.493+/-1.555 χ^2/NDF : 12486.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

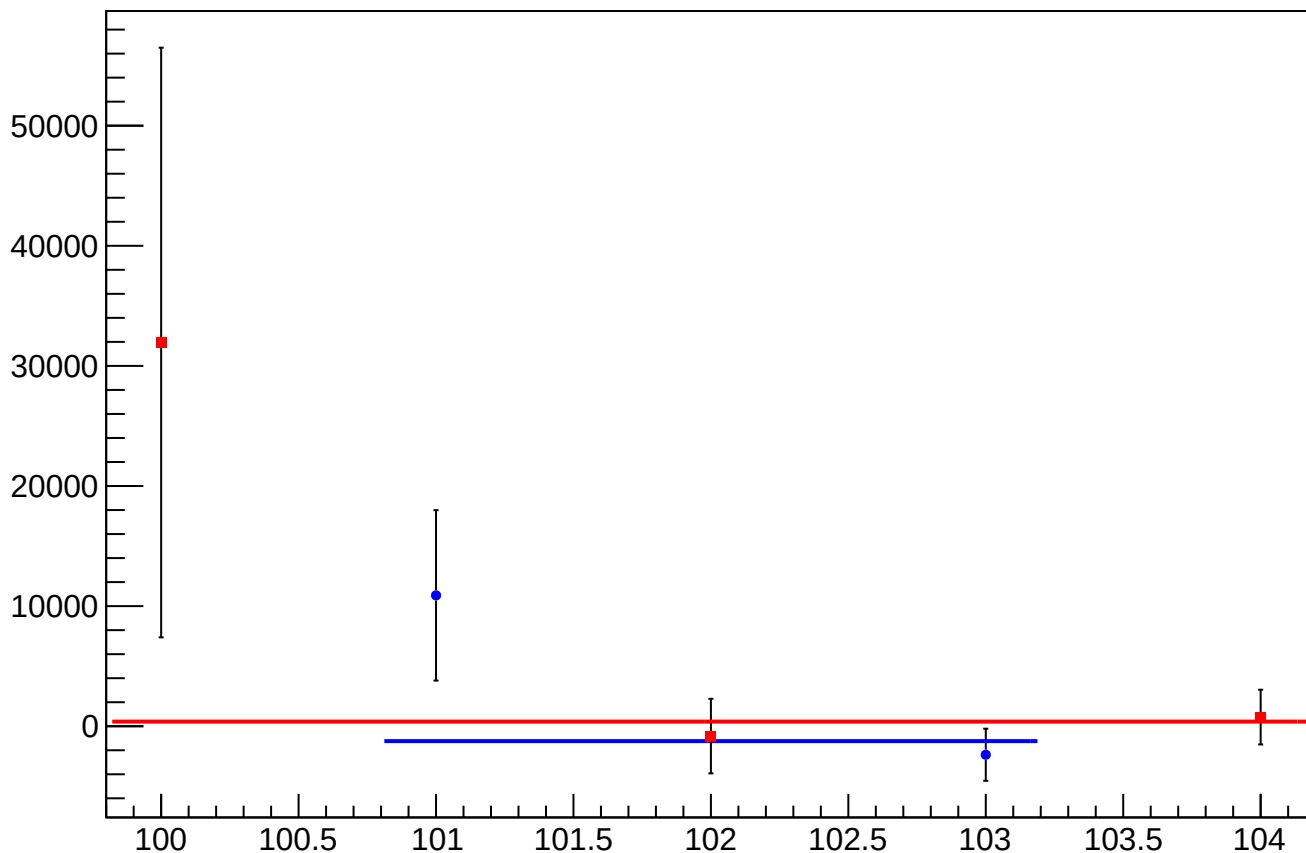
Right: 2616.536+/-1.209 χ^2/NDF : 111309.8/4

In: 3032.330+/-1.922 χ^2/NDF : 21429.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2616.536+/-1.209 χ^2/NDF : 111309.8/4

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: 384.738+/-1832.142 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

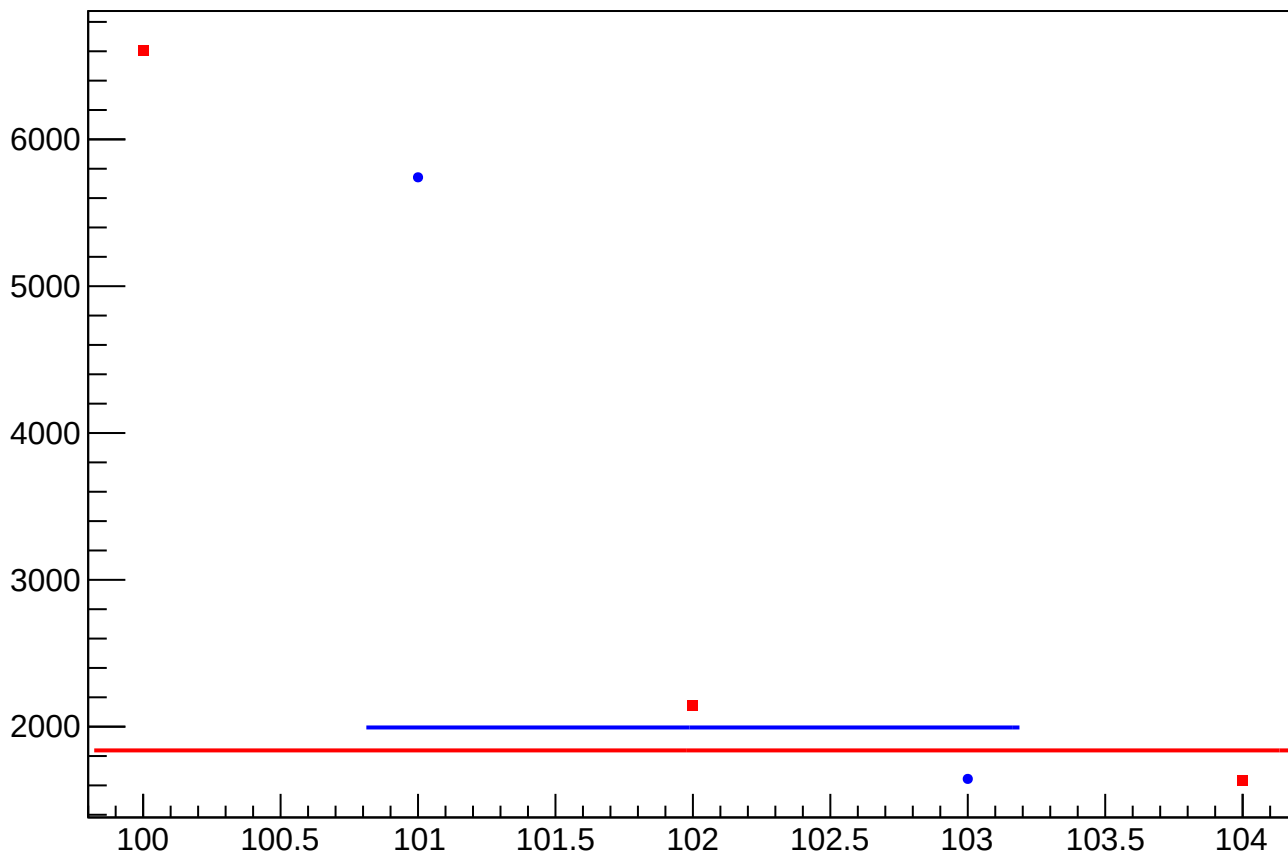
Right: -327.360+/-1373.030 χ^2/NDF : 5.4/4

In: -1239.646+/-2073.741 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.360+/-1373.030 χ^2/NDF : 5.4/4

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: 1838.328+/-1.295 χ^2/NDF : 111015.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

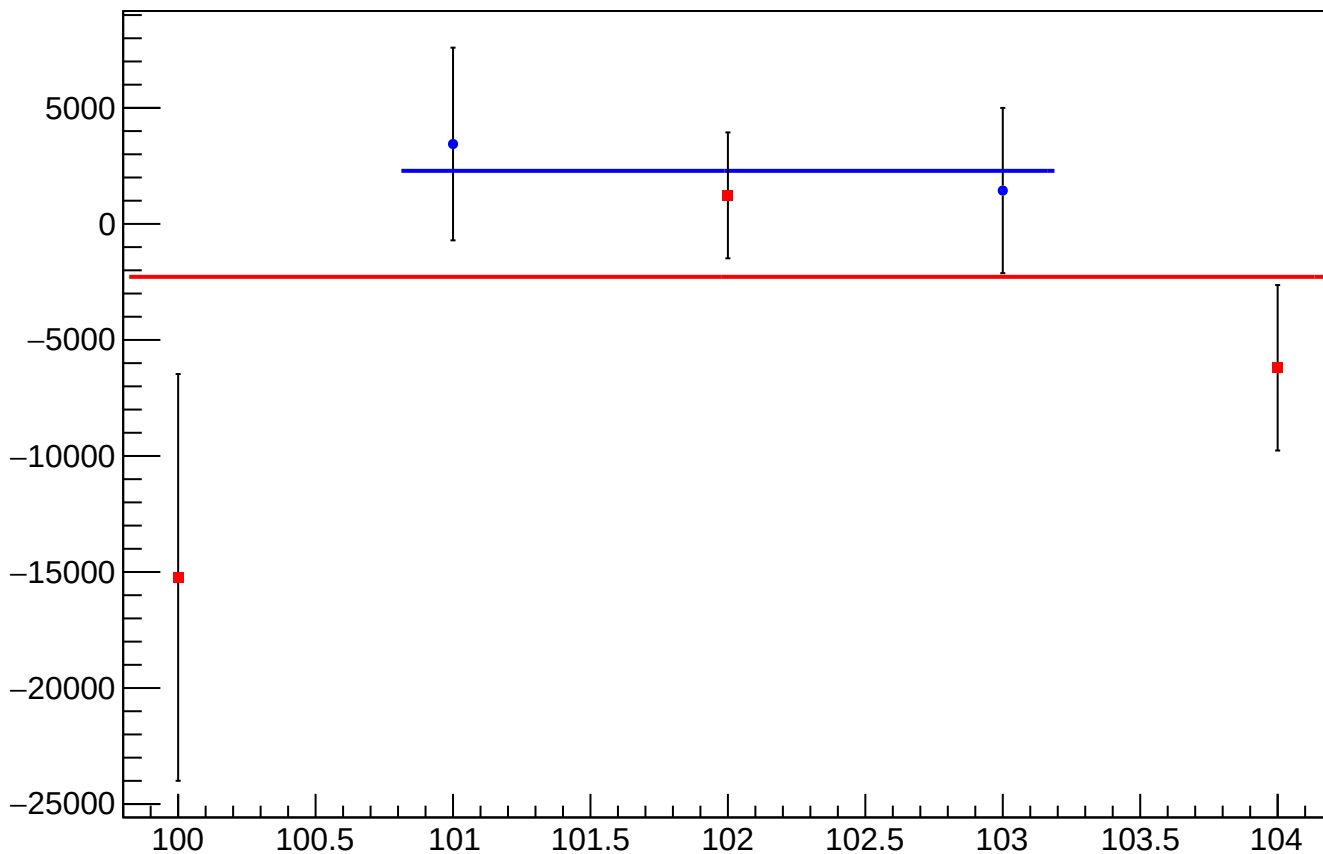
Right: 1906.818+/-0.971 χ^2/NDF : 727729.1/4

In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.818+/-0.971 χ^2/NDF : 727729.1/4

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452 $\pm$ 2703.119 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2280.966 $\pm$ 2096.212 χ^2 /NDF: 5.1/2

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

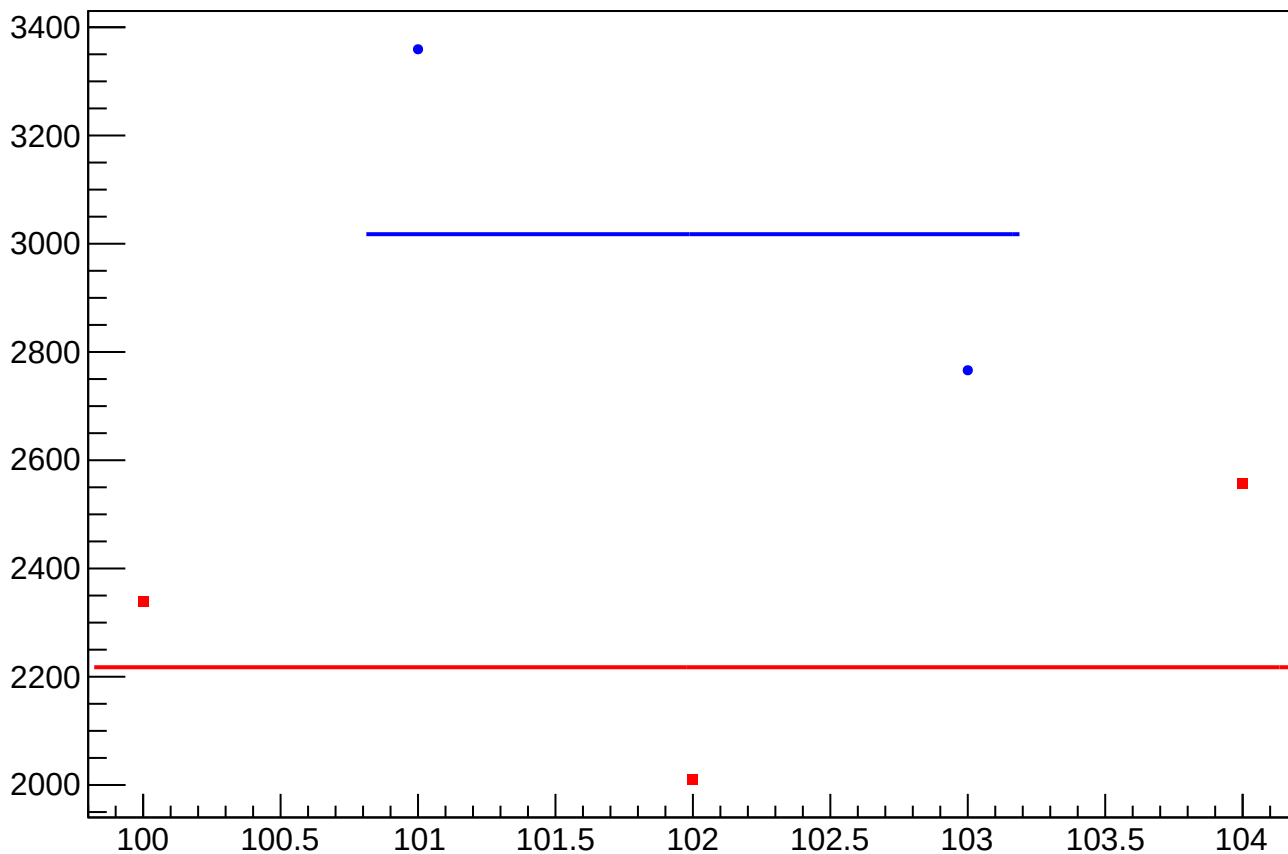
Right: -565.370 $\pm$ 1656.493 χ^2 /NDF: 7.0/4

In: 2287.452 $\pm$ 2703.119 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -565.370 $\pm$ 1656.493 χ^2 /NDF: 7.0/4

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: 2217.554+/-1.482 χ^2/NDF : 30208.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

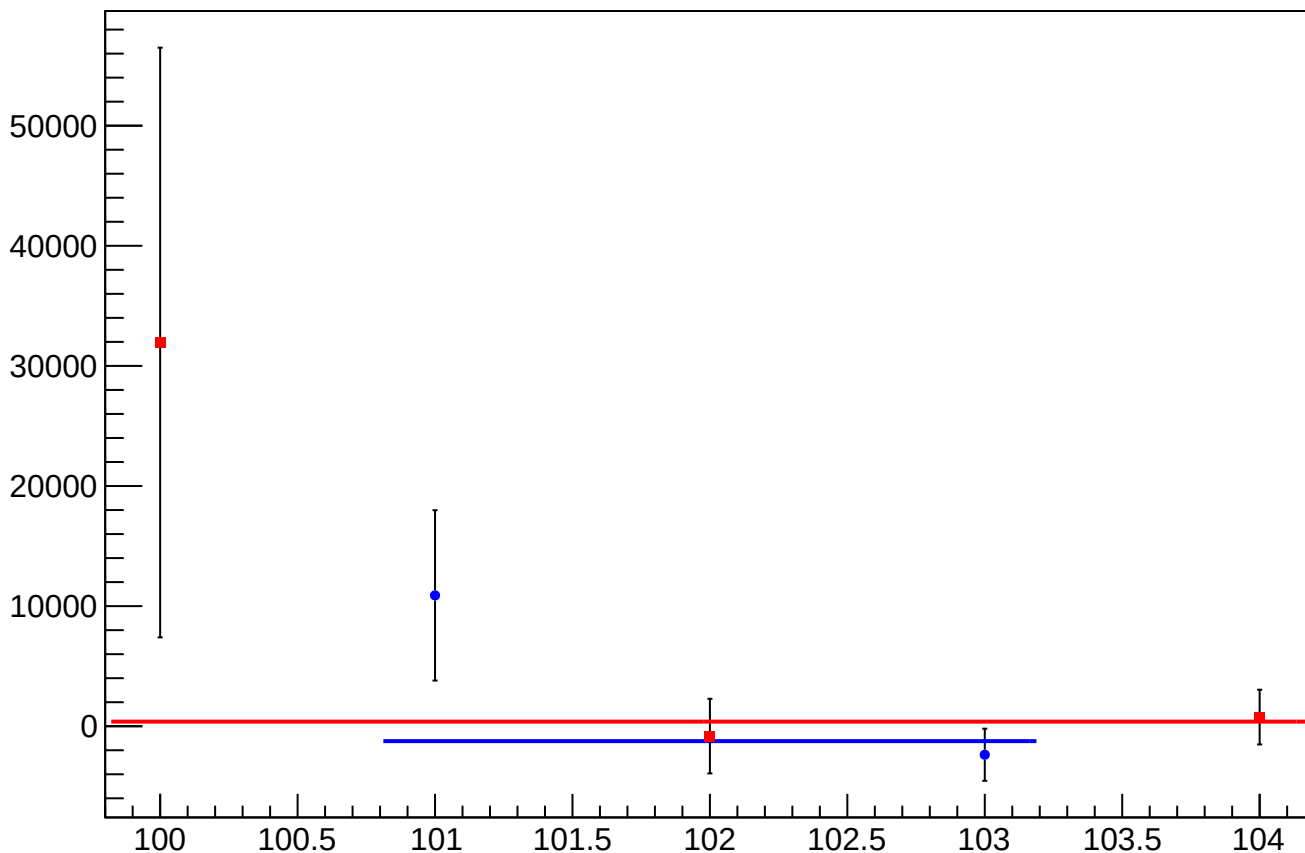
Right: 2518.014+/-1.171 χ^2/NDF : 163137.3/4

In: 3017.642+/-1.911 χ^2/NDF : 23511.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2518.014+/-1.171 χ^2/NDF : 163137.3/4

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: 384.738+/-1832.142 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

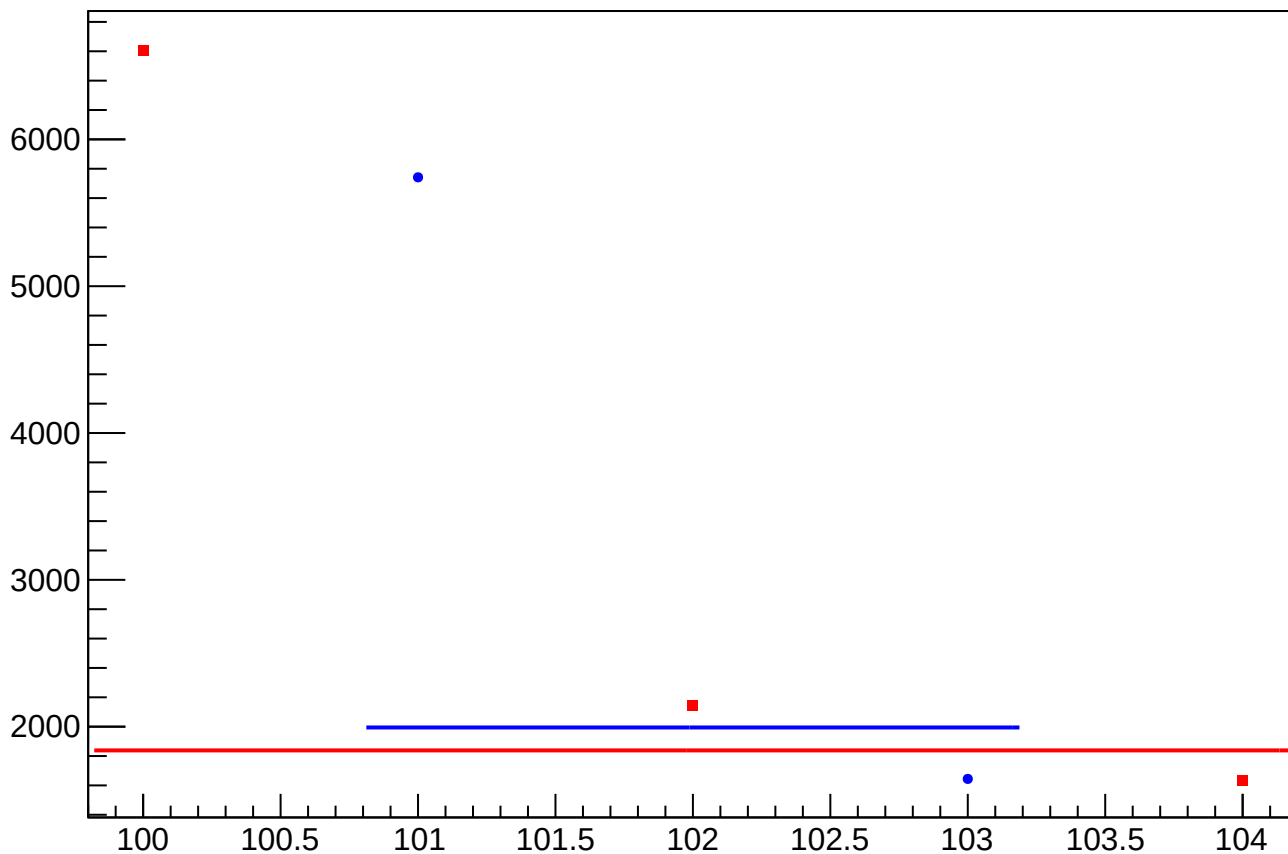
Right: -327.360+/-1373.030 χ^2/NDF : 5.4/4

In: -1239.646+/-2073.741 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.360+/-1373.030 χ^2/NDF : 5.4/4

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: 1838.328+/-1.295 χ^2/NDF : 111015.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

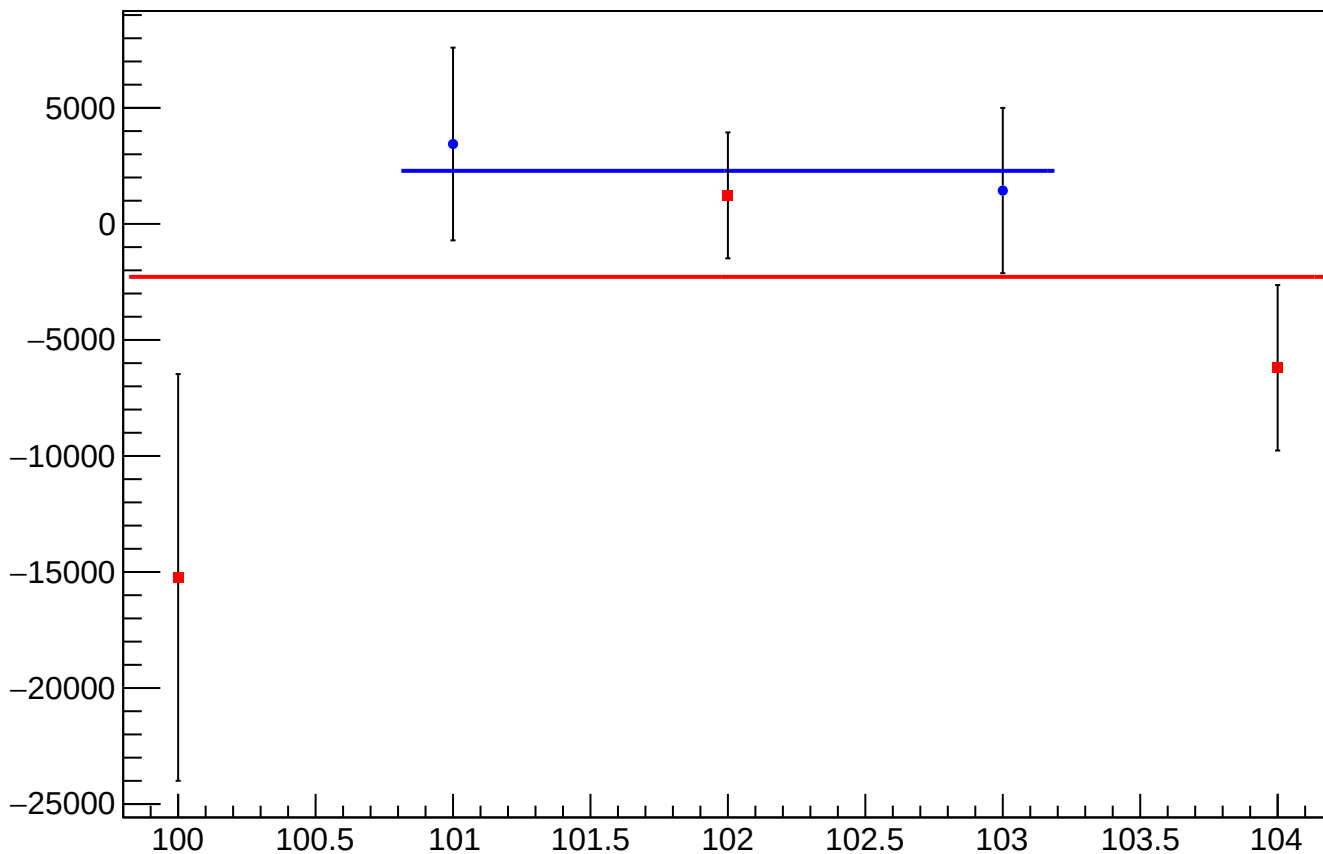
Right: 1906.818+/-0.971 χ^2/NDF : 727729.1/4

In: 1994.564+/-1.466 χ^2/NDF : 610337.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.818+/-0.971 χ^2/NDF : 727729.1/4

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2287.452 $\pm$ 2703.119 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2280.966 $\pm$ 2096.212 χ^2 /NDF: 5.1/2

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

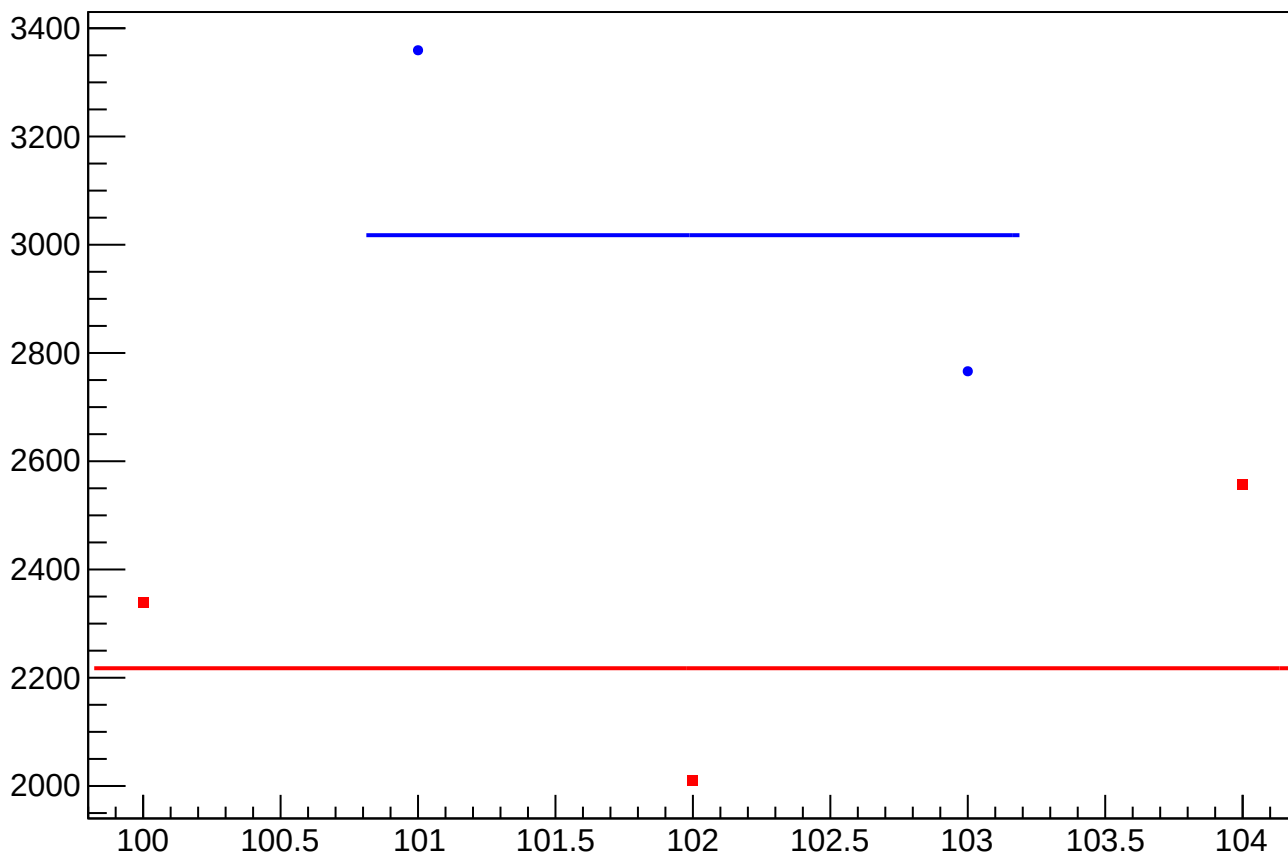
Right: -565.370 $\pm$ 1656.493 χ^2 /NDF: 7.0/4

In: 2287.452 $\pm$ 2703.119 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -565.370 $\pm$ 1656.493 χ^2 /NDF: 7.0/4

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: 2217.554+/-1.482 χ^2 /NDF: 30208.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

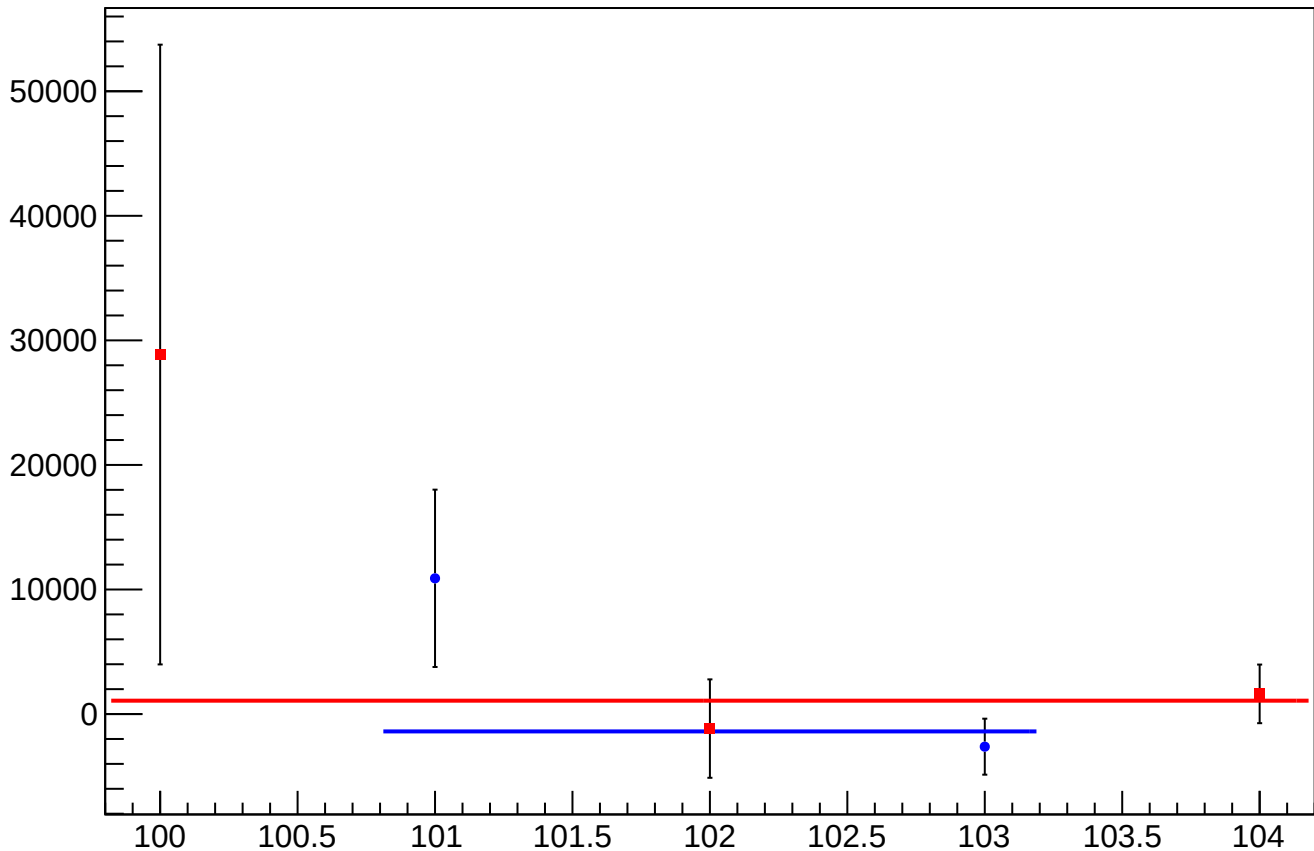
Right: 2518.014+/-1.171 χ^2 /NDF: 163137.3/4

In: 3017.642+/-1.911 χ^2 /NDF:23511.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2518.014+/-1.171 χ^2 /NDF: 163137.3/4

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: 1074.696+/-2014.971 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

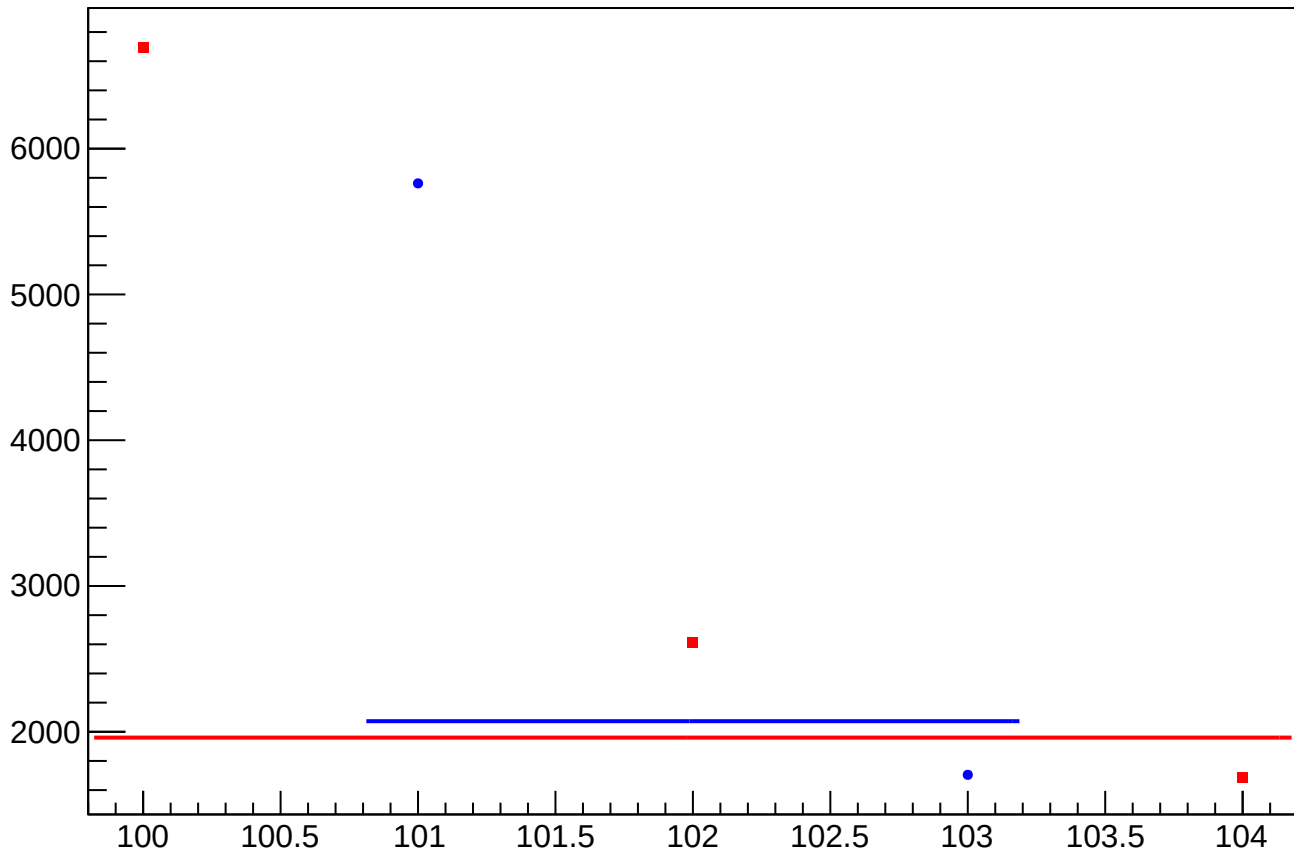
Right: -82.974+/-1468.087 χ^2/NDF : 5.6/4

In: -1392.855+/-2143.346 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.974+/-1468.087 χ^2/NDF : 5.6/4

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: 1960.150+/-1.425 χ^2/NDF : 154338.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

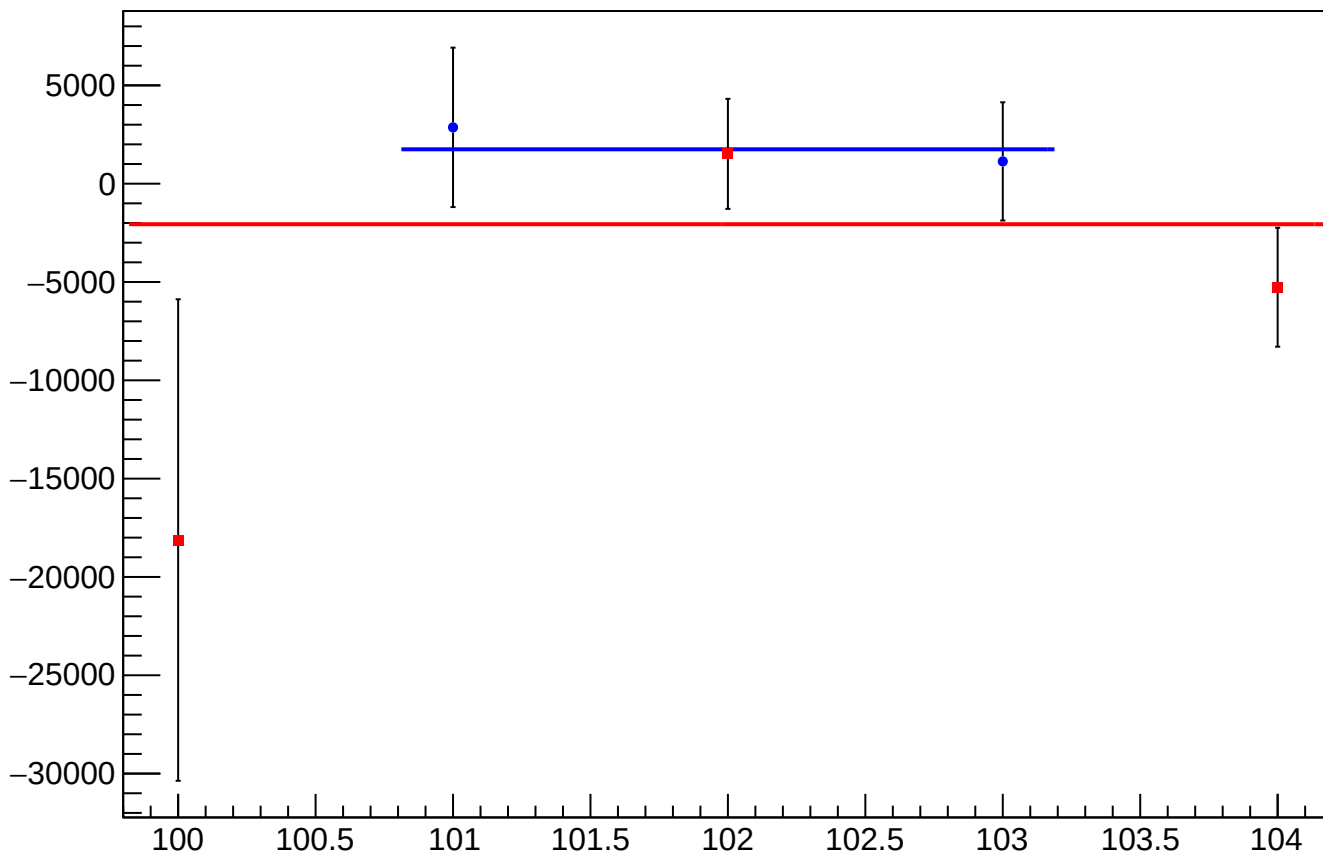
Right: 2012.909+/-1.038 χ^2/NDF : 748072.0/4

In: 2072.607+/-1.516 χ^2/NDF : 590810.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.909+/-1.038 χ^2/NDF : 748072.0/4

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: -2061.557 $\pm$ 2026.133 χ^2 /NDF: 4.5/2

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

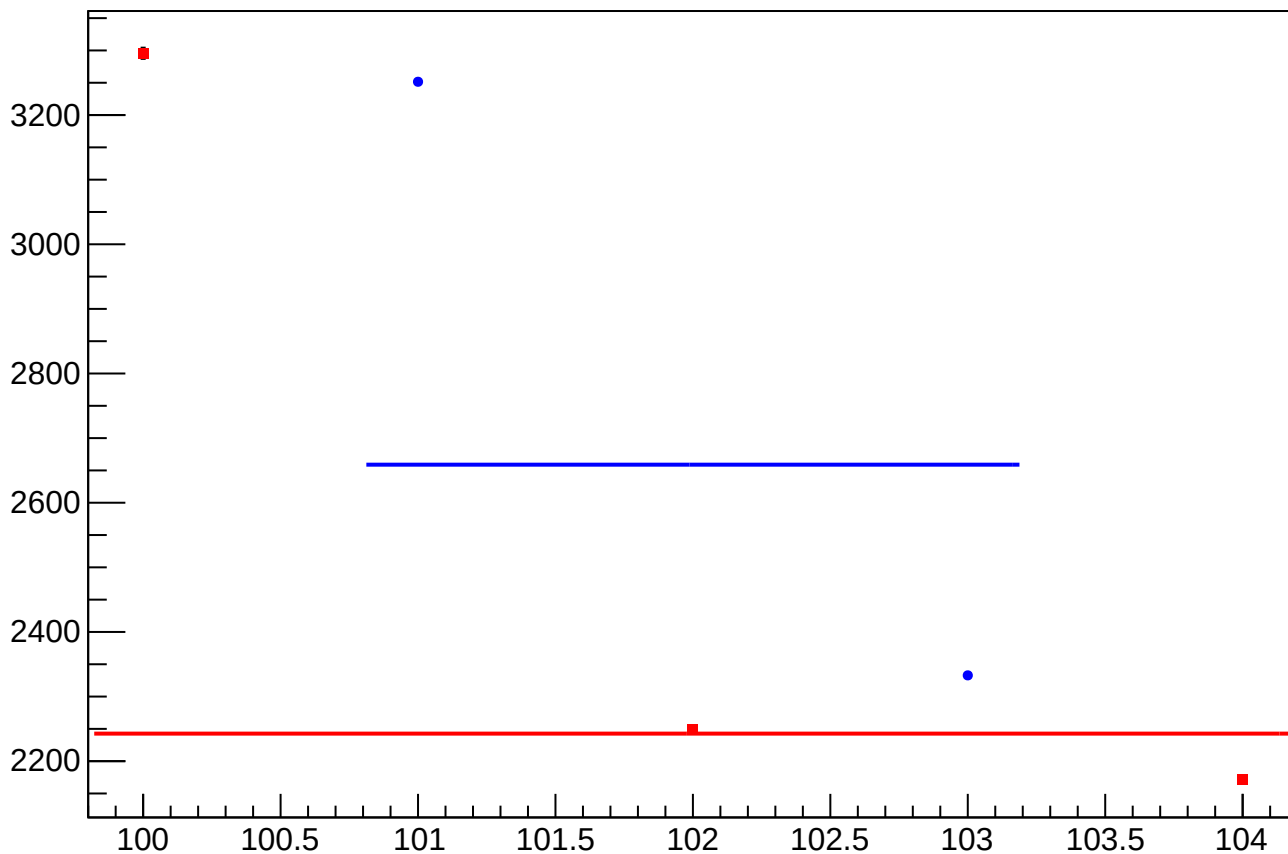
Right: -487.589 $\pm$ 1552.059 χ^2 /NDF: 6.1/4

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: -487.589 $\pm$ 1552.059 χ^2 /NDF: 6.1/4

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: 2242.654+/-1.433 χ^2/NDF : 15896.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

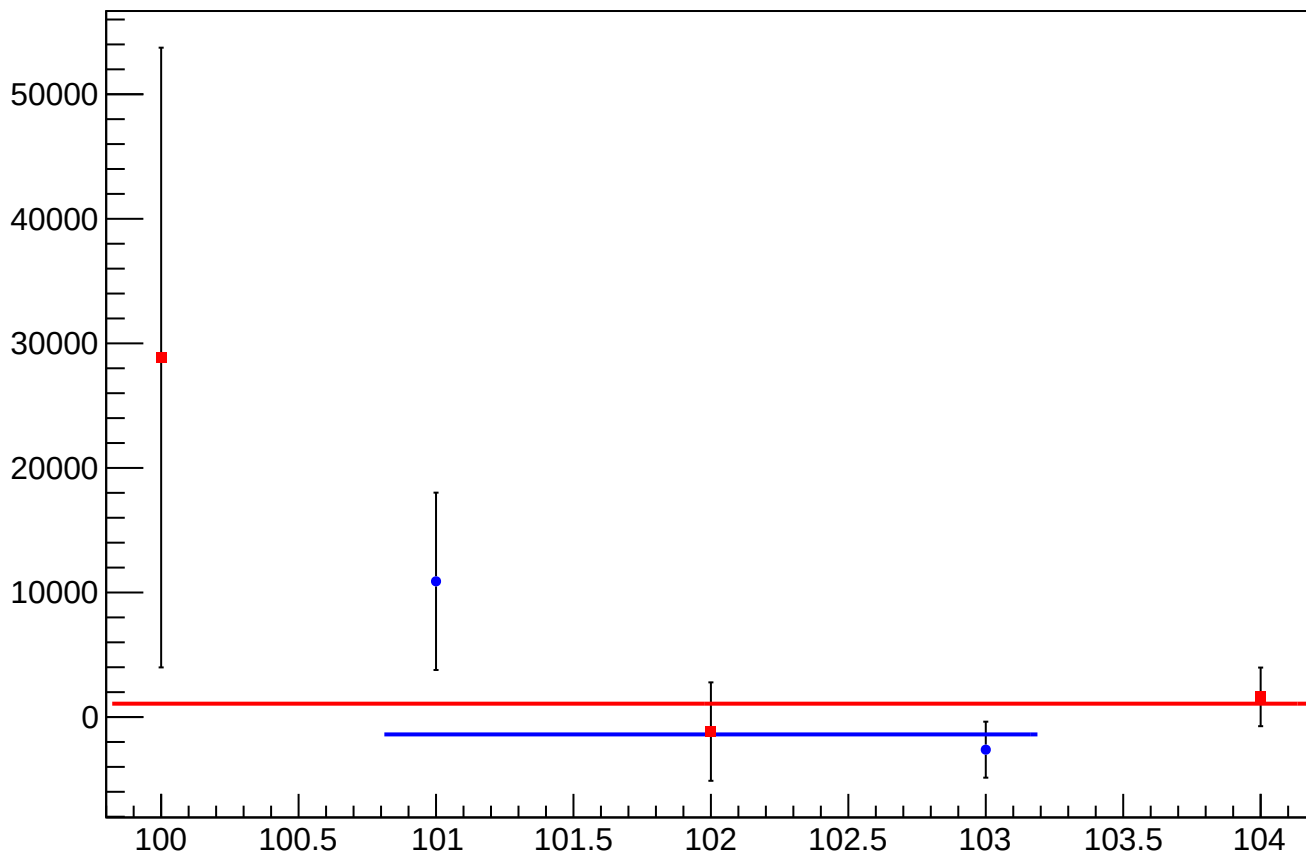
Right: 2414.649+/-1.097 χ^2/NDF : 117072.4/4

In: 2658.893+/-1.707 χ^2/NDF : 66297.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2414.649+/-1.097 χ^2/NDF : 117072.4/4

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: 1074.687+/-2014.971 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

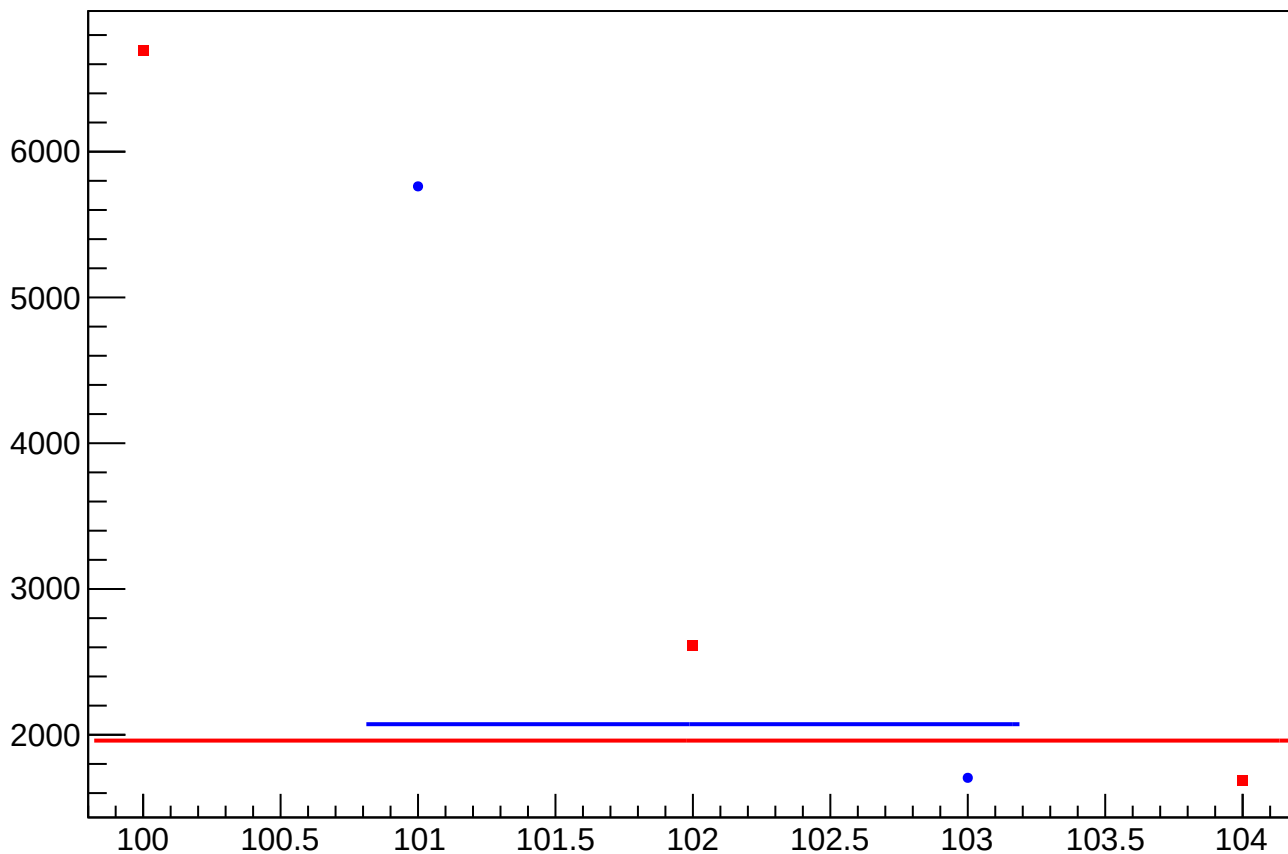
Right: -82.981+/-1468.086 χ^2/NDF : 5.6/4

In: -1392.859+/-2143.345 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.981+/-1468.086 χ^2/NDF : 5.6/4

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: 1960.150+/-1.425 χ^2/NDF : 154338.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

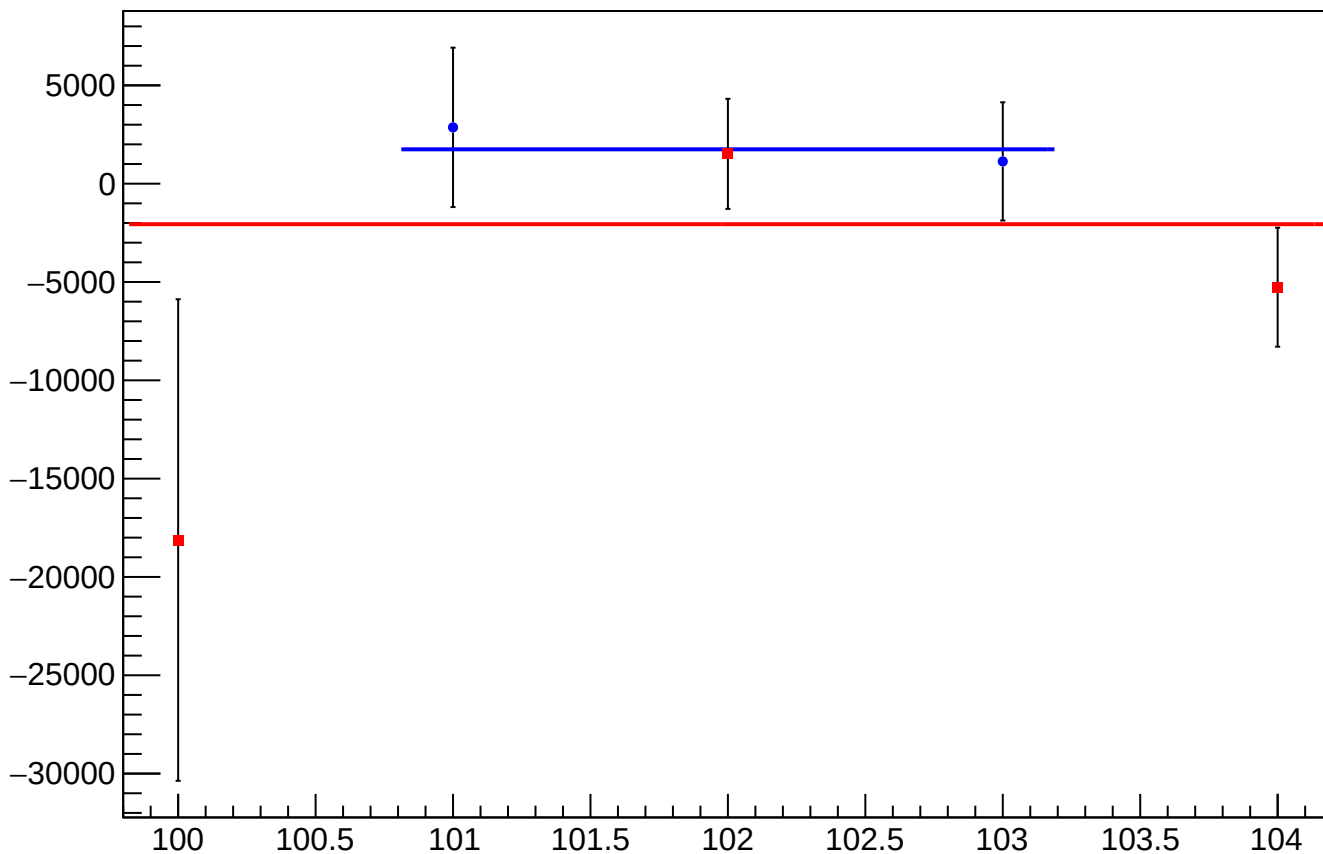
Right: 2012.909+/-1.038 χ^2/NDF : 748072.0/4

In: 2072.606+/-1.516 χ^2/NDF : 590810.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.909+/-1.038 χ^2/NDF : 748072.0/4

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: -2061.559 $\pm$ 2026.135 χ^2 /NDF: 4.5/2

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

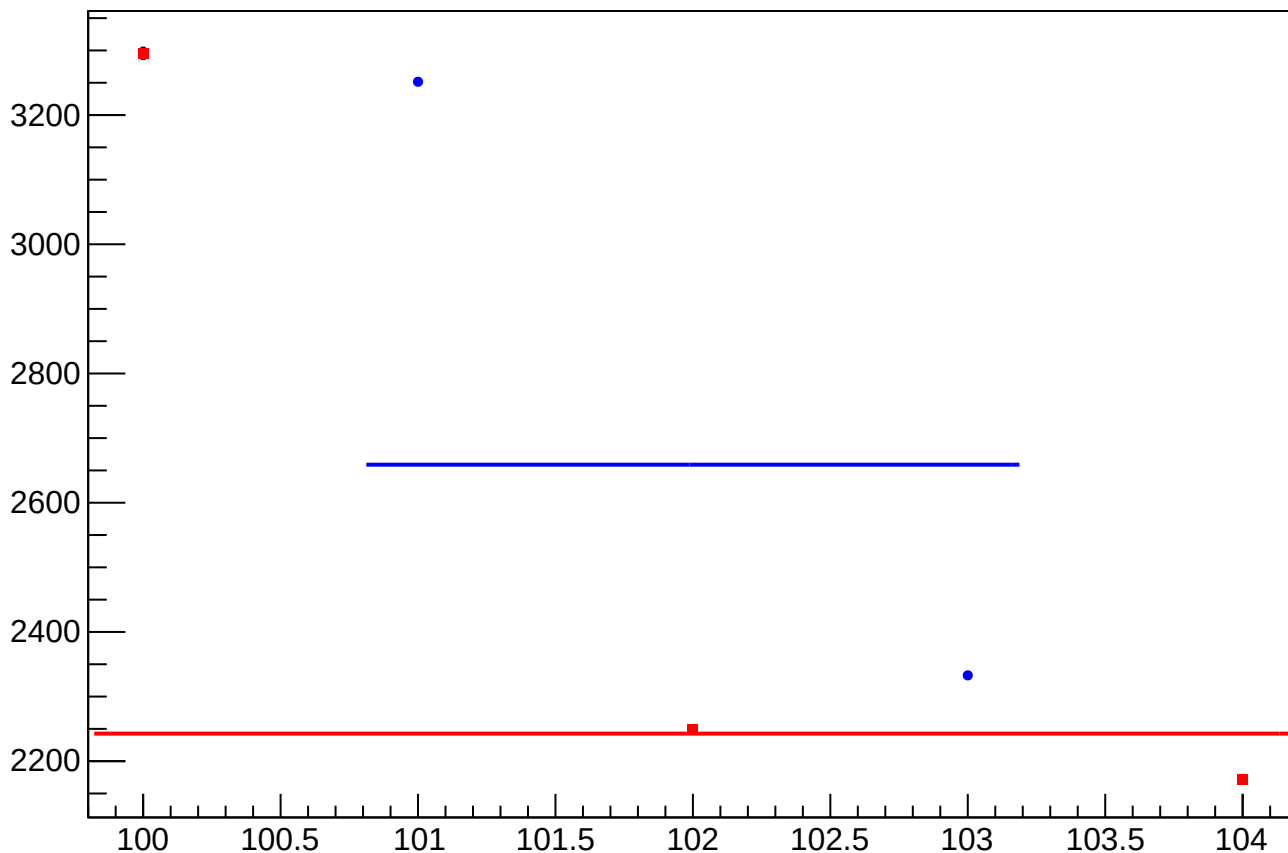
Right: -487.589 $\pm$ 1552.060 χ^2 /NDF: 6.1/4

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: -487.589 $\pm$ 1552.060 χ^2 /NDF: 6.1/4

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: 2242.655 ± 1.433 χ^2/NDF : 15896.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

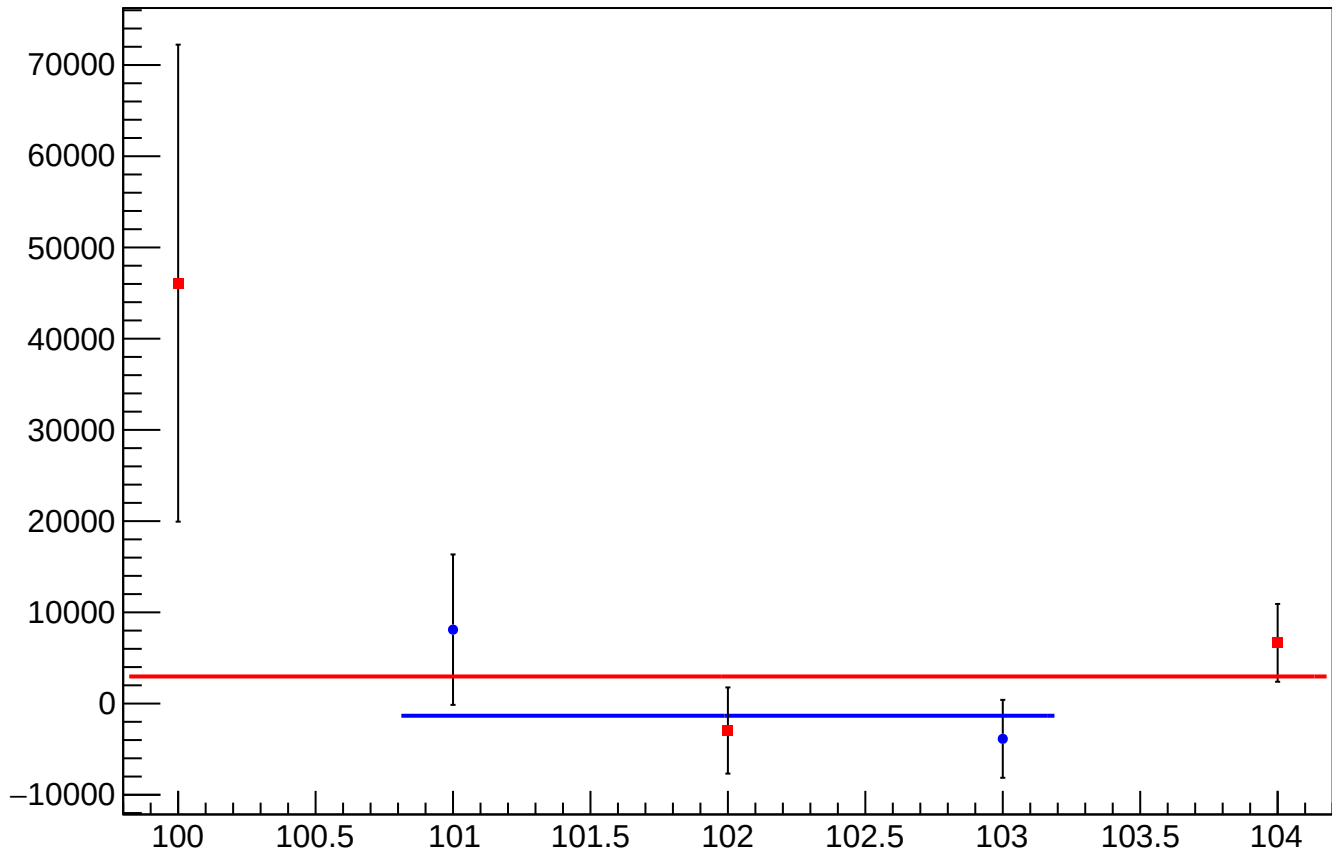
Right: 2414.651 ± 1.097 χ^2/NDF : 117071.3/4

In: 2658.893 ± 1.707 χ^2/NDF : 66297.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2414.651 ± 1.097 χ^2/NDF : 117071.3/4

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1334.654+/-3792.107 $\chi^2/NDF: 1.7/1$

Left Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Right Out: 2971.192+/-3142.856 $\chi^2/NDF: 5.0/2$

Left In: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

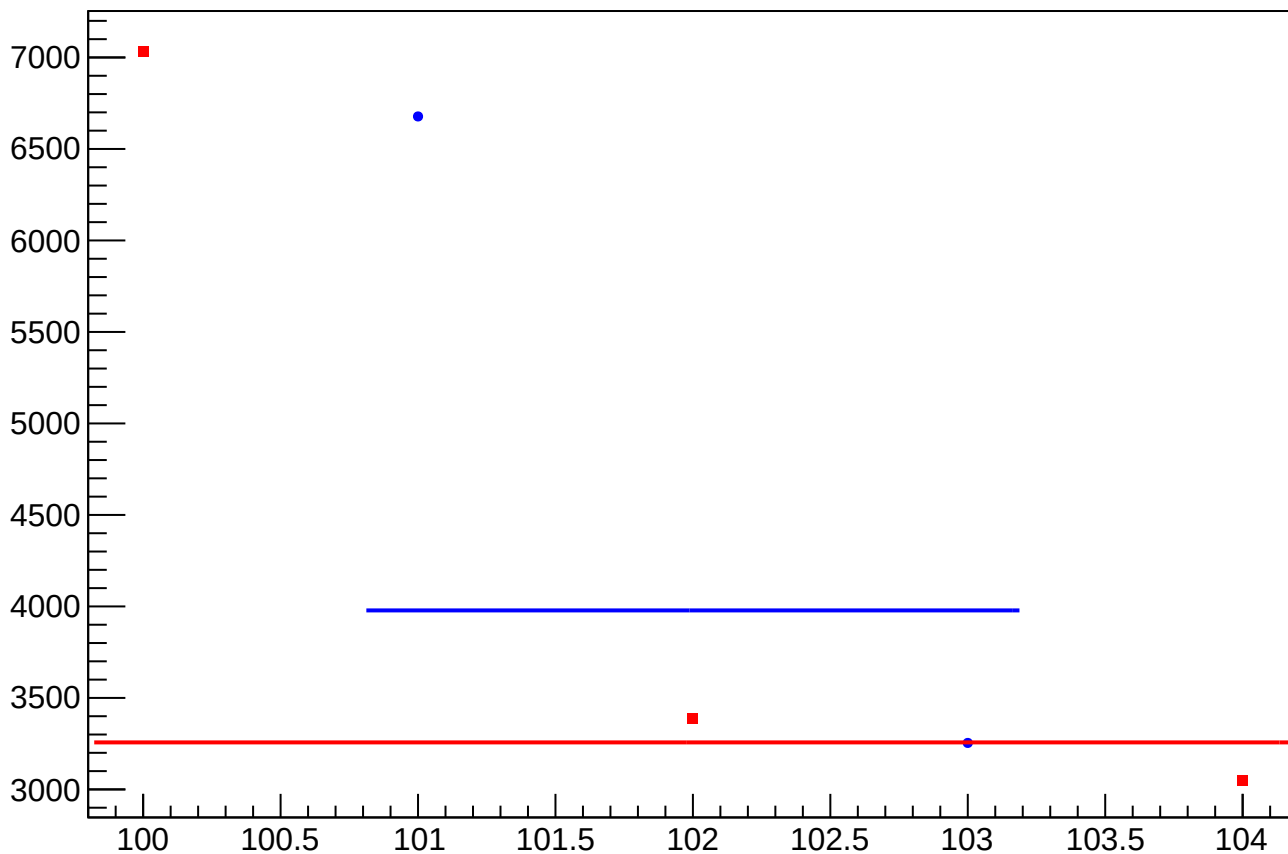
Right: 1217.880+/-2419.808 $\chi^2/NDF: 7.5/4$

In: -1334.654+/-3792.107 $\chi^2/NDF: 1.7/1$

Out: 0.000+/-0.000 $\chi^2/NDF: 0.0/0$

All: 1217.880+/-2419.808 $\chi^2/NDF: 7.5/4$

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: 3256.939+/-2.222 χ^2/NDF : 47987.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

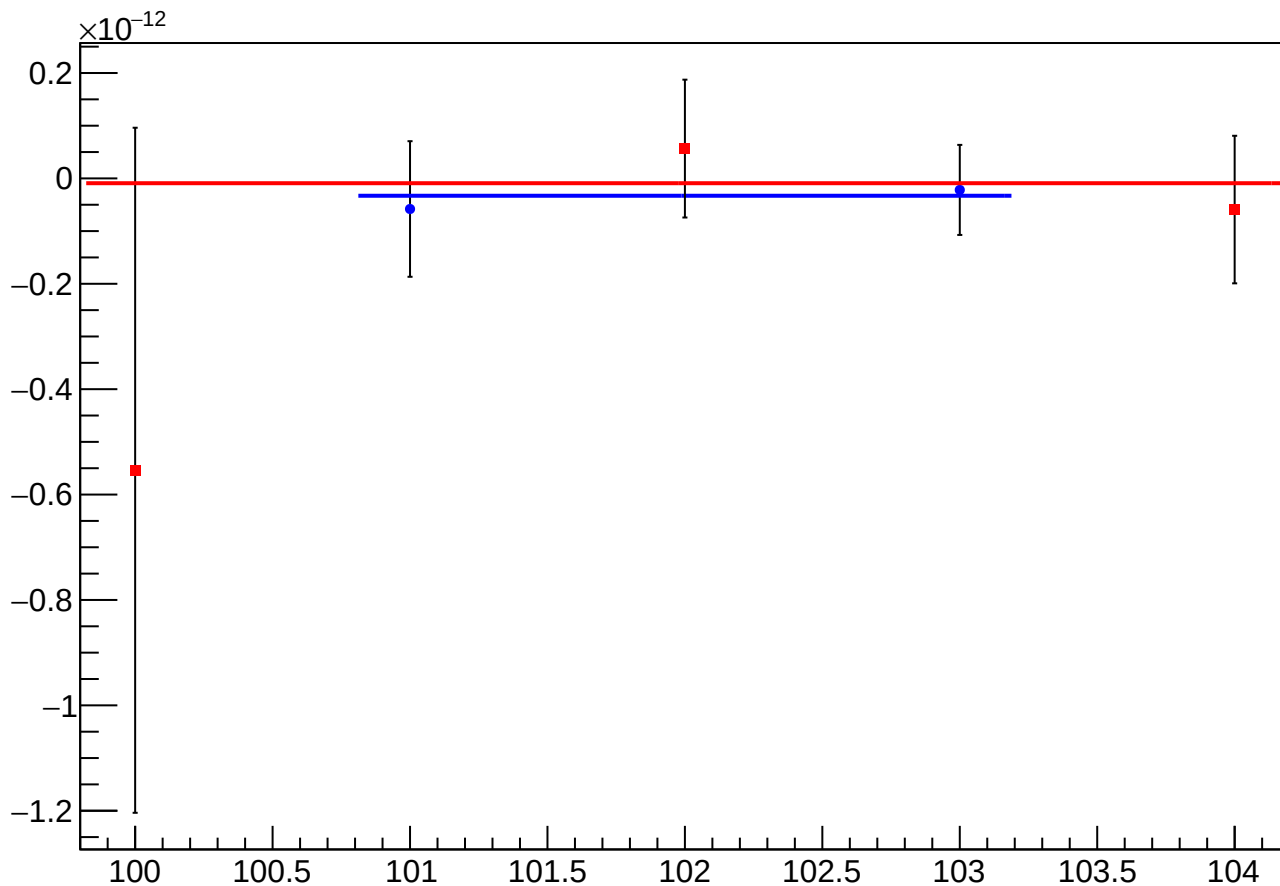
Right: 3550.632+/-1.711 χ^2/NDF : 362785.3/4

In: 3978.239+/-2.681 χ^2/NDF : 271898.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3550.632+/-1.711 χ^2/NDF : 362785.3/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

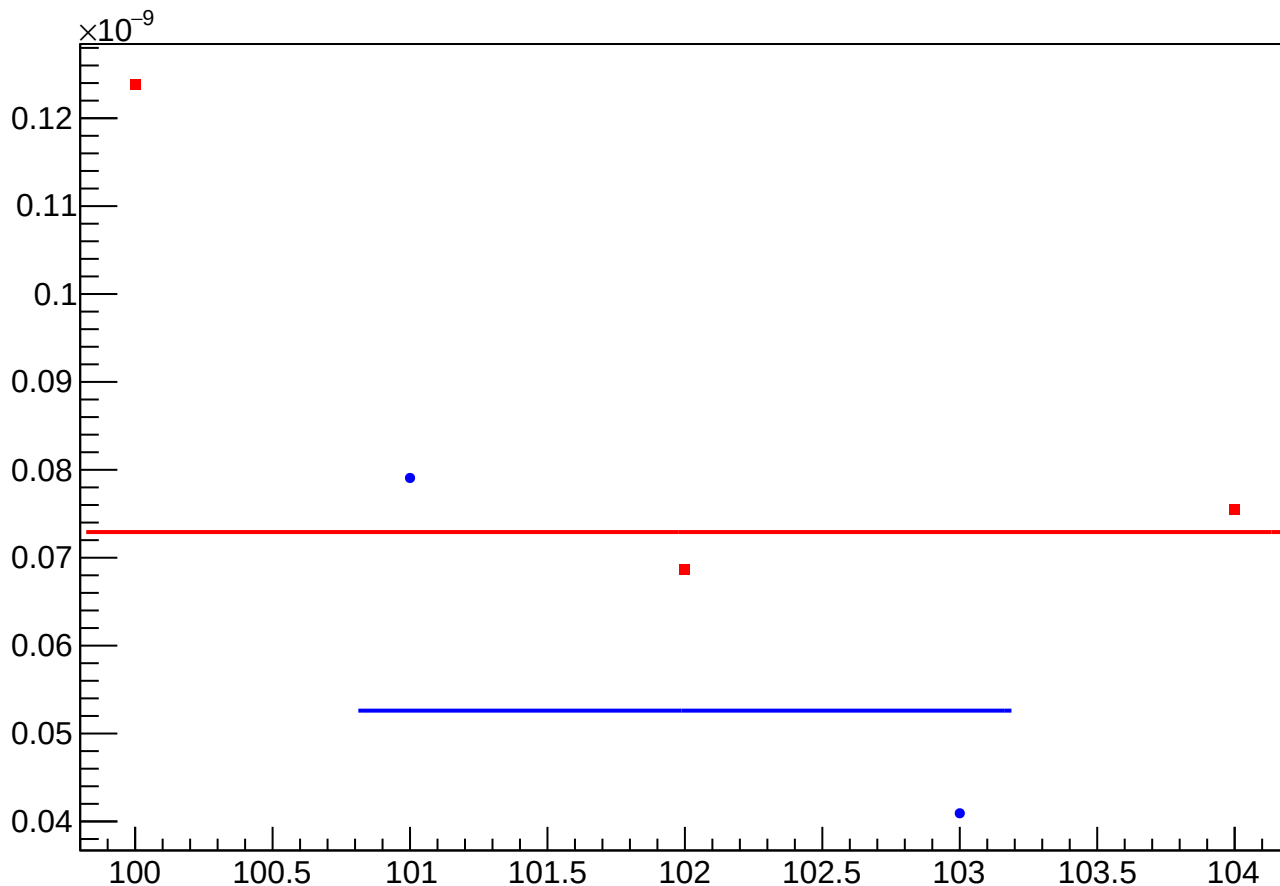
Right: -0.000+/-0.000 χ^2/NDF : 1.2/4

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 : 1.2/4

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 121980.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15075.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

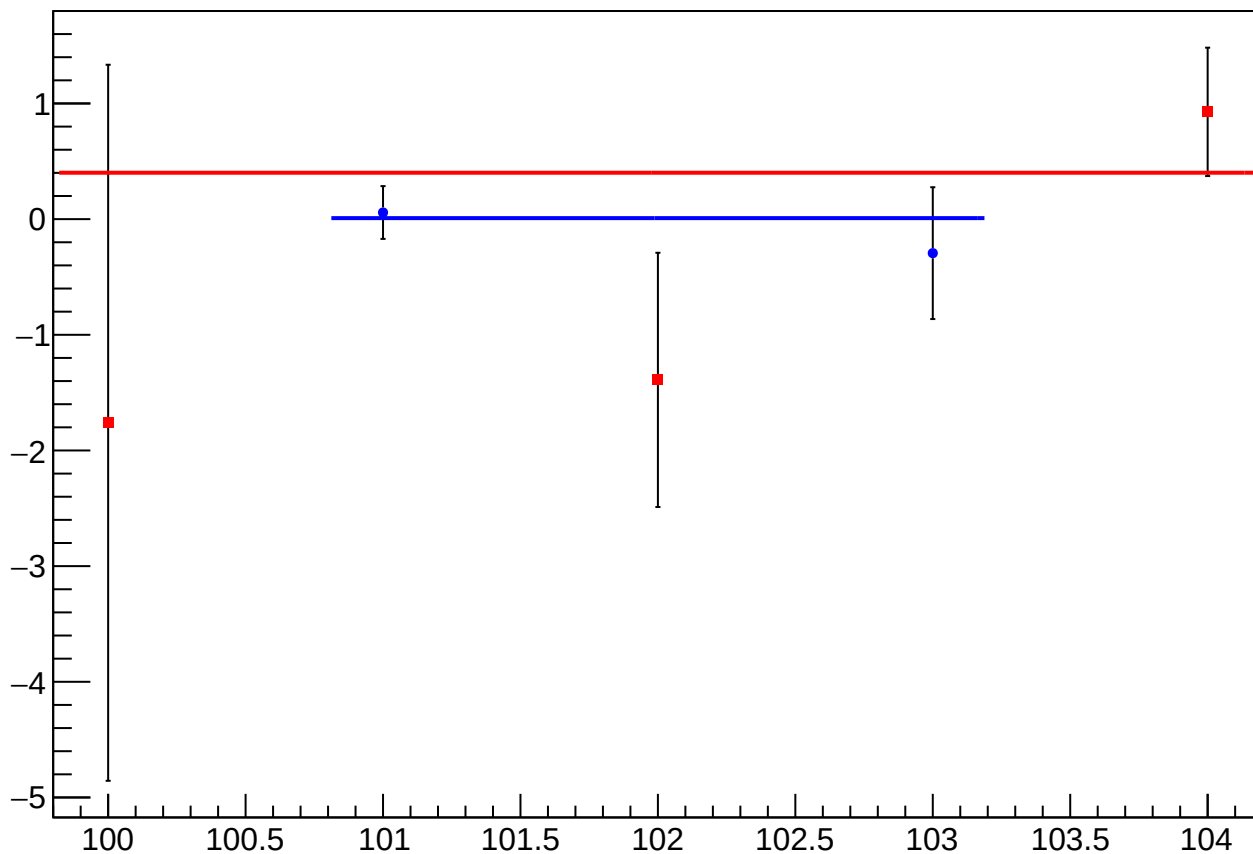
Right: 0.000+/-0.000 χ^2/NDF : 195979.3/4

In: 0.000+/-0.000 χ^2/NDF : 121980.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 195979.3/4

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: 0.401 $\pm$ 0.489 χ^2 /NDF: 4.0/2

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

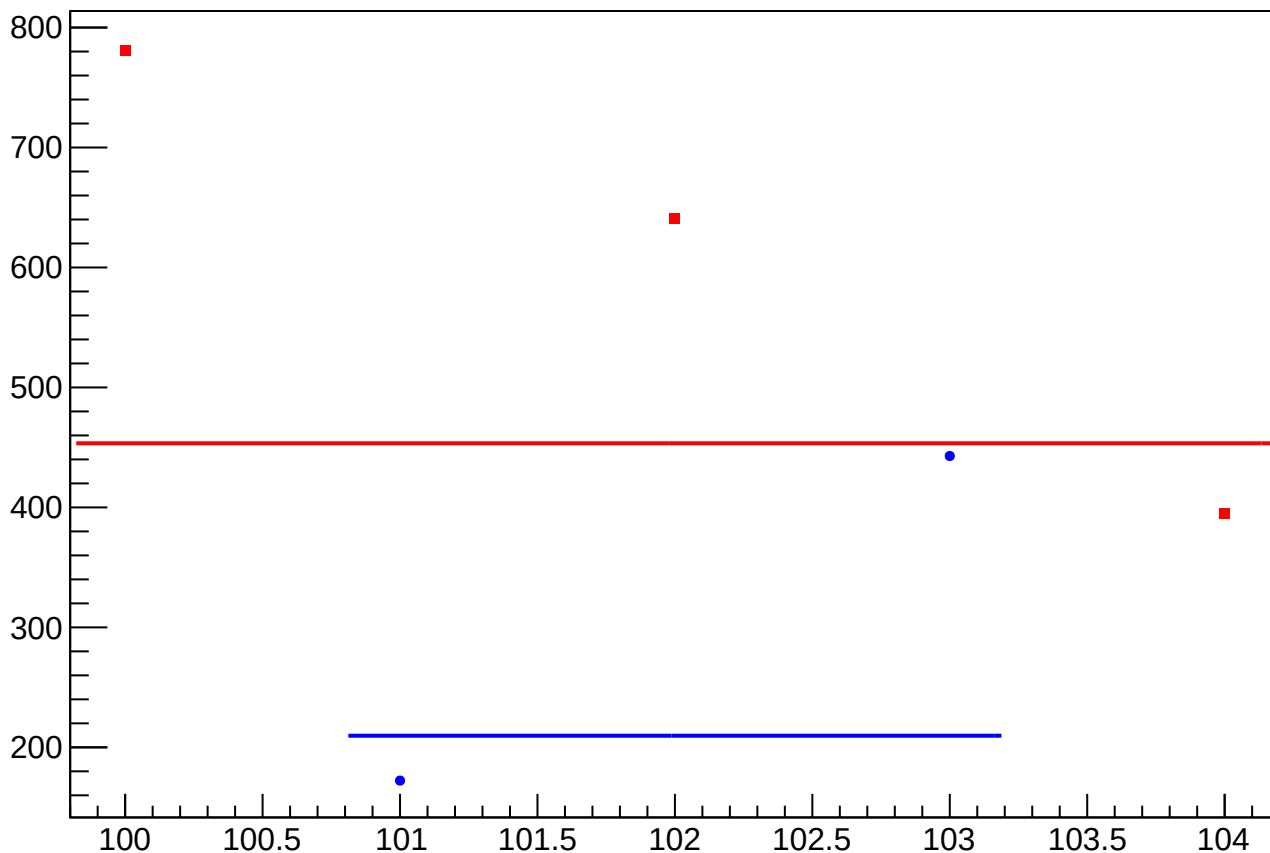
Right: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

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: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680 $\pm$ 0.150 χ^2 /NDF: 388648.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 453.464 $\pm$ 0.346 χ^2 /NDF: 102865.6/2

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

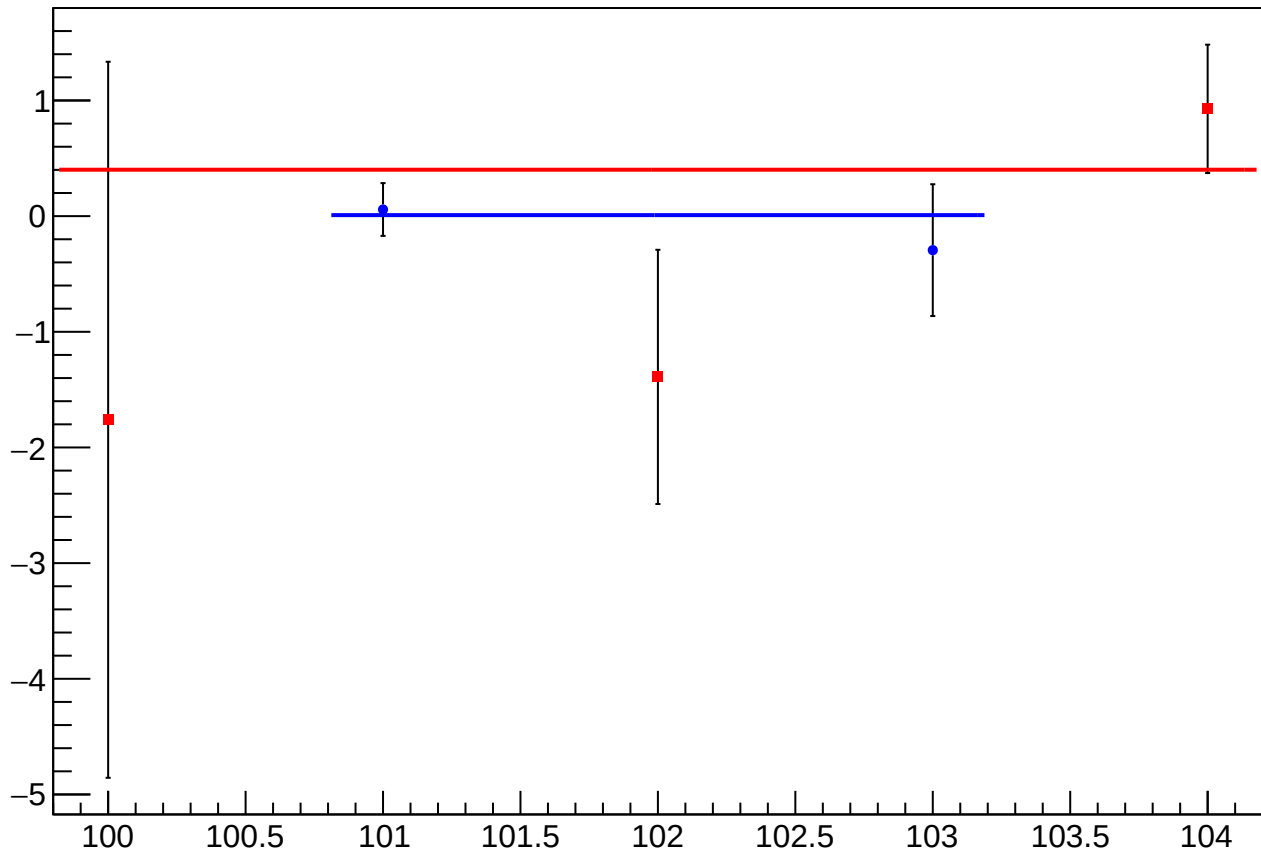
Right: 248.193 $\pm$ 0.137 χ^2 /NDF: 909827.9/4

In: 209.680 $\pm$ 0.150 χ^2 /NDF:388648.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.193 $\pm$ 0.137 χ^2 /NDF: 909827.9/4

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: 0.401 $\pm$ 0.489 χ^2 /NDF: 4.0/2

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

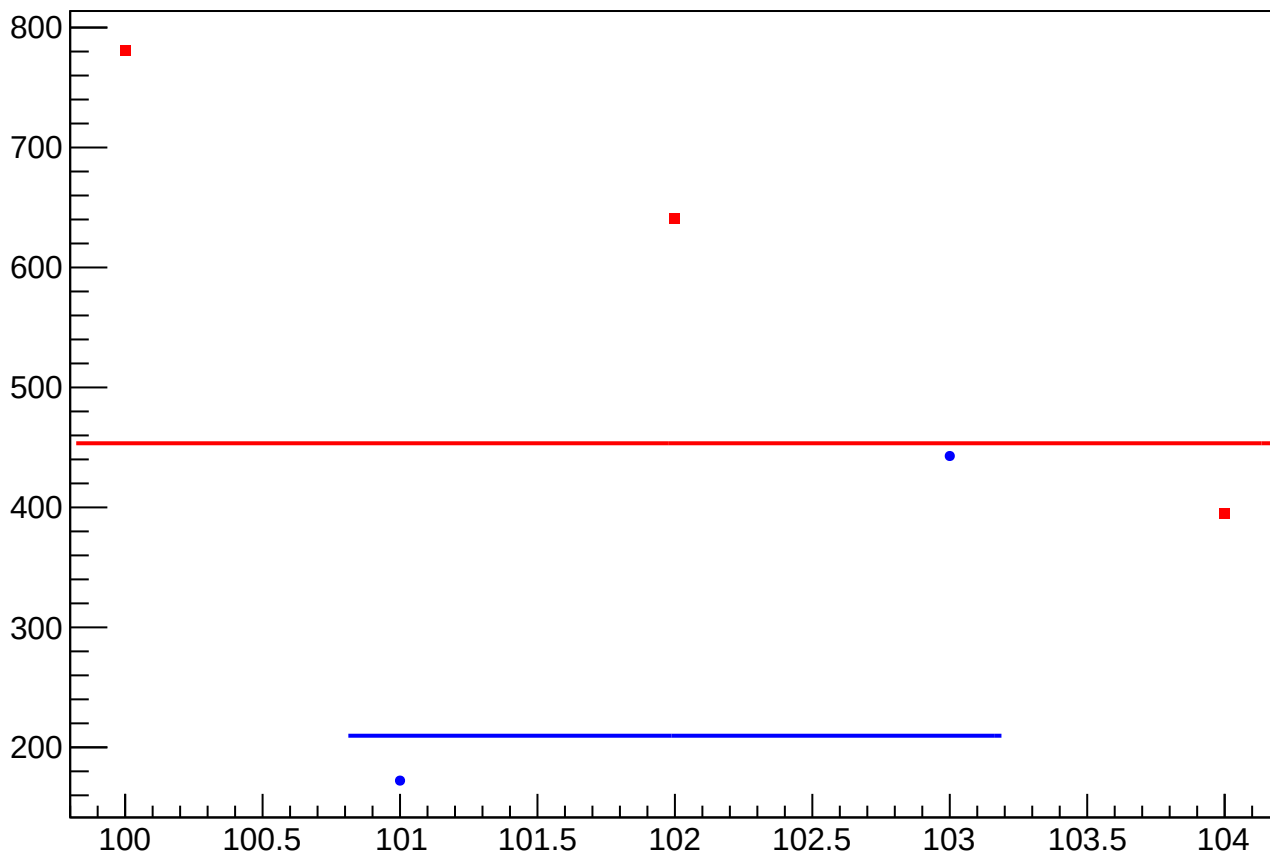
Right: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

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: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

asym_atr12_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.680 $\pm$ 0.150 χ^2 /NDF: 388648.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 453.464 $\pm$ 0.346 χ^2 /NDF: 102865.6/2

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

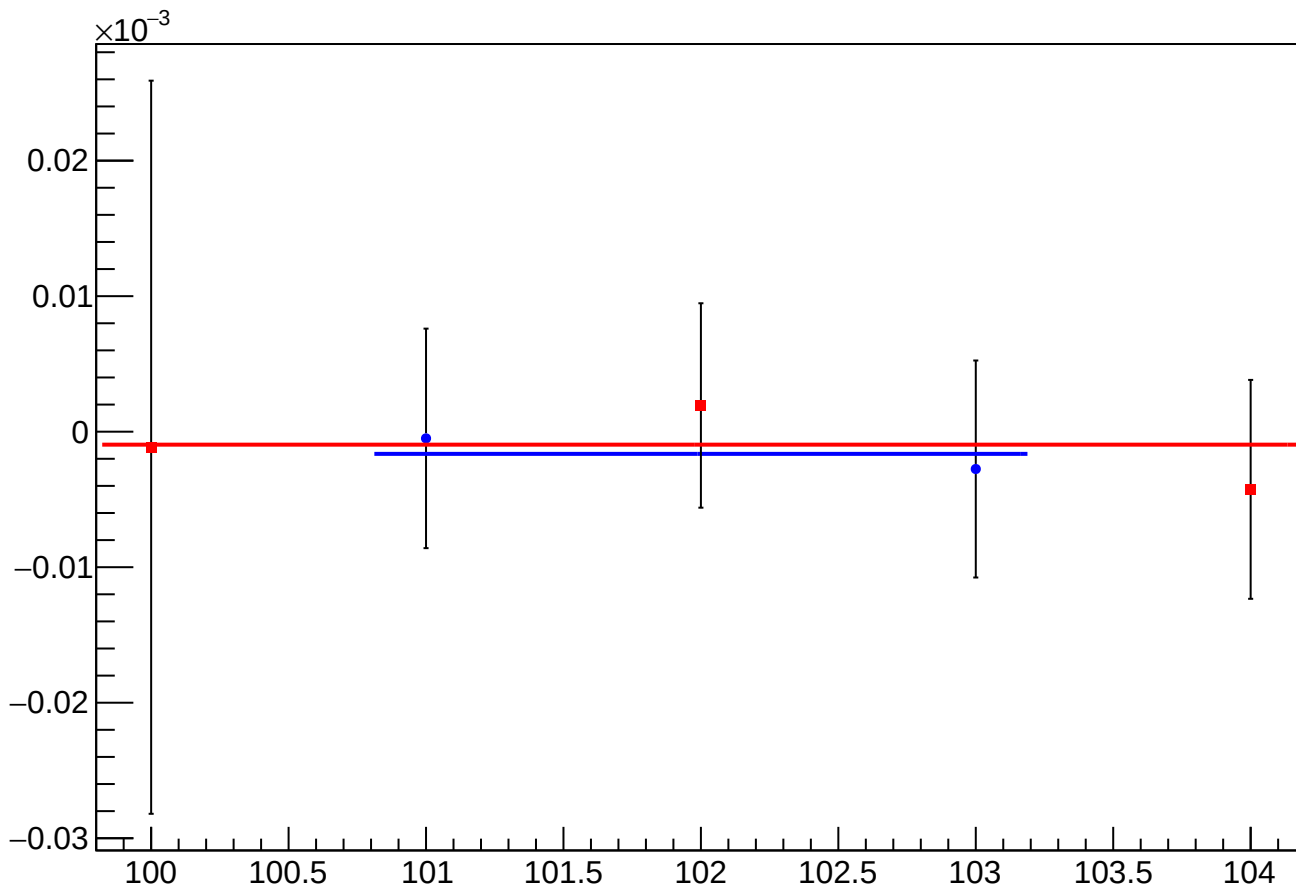
Right: 248.193 $\pm$ 0.137 χ^2 /NDF: 909827.9/4

In: 209.680 $\pm$ 0.150 χ^2 /NDF:388648.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.193 $\pm$ 0.137 χ^2 /NDF: 909827.9/4

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 : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

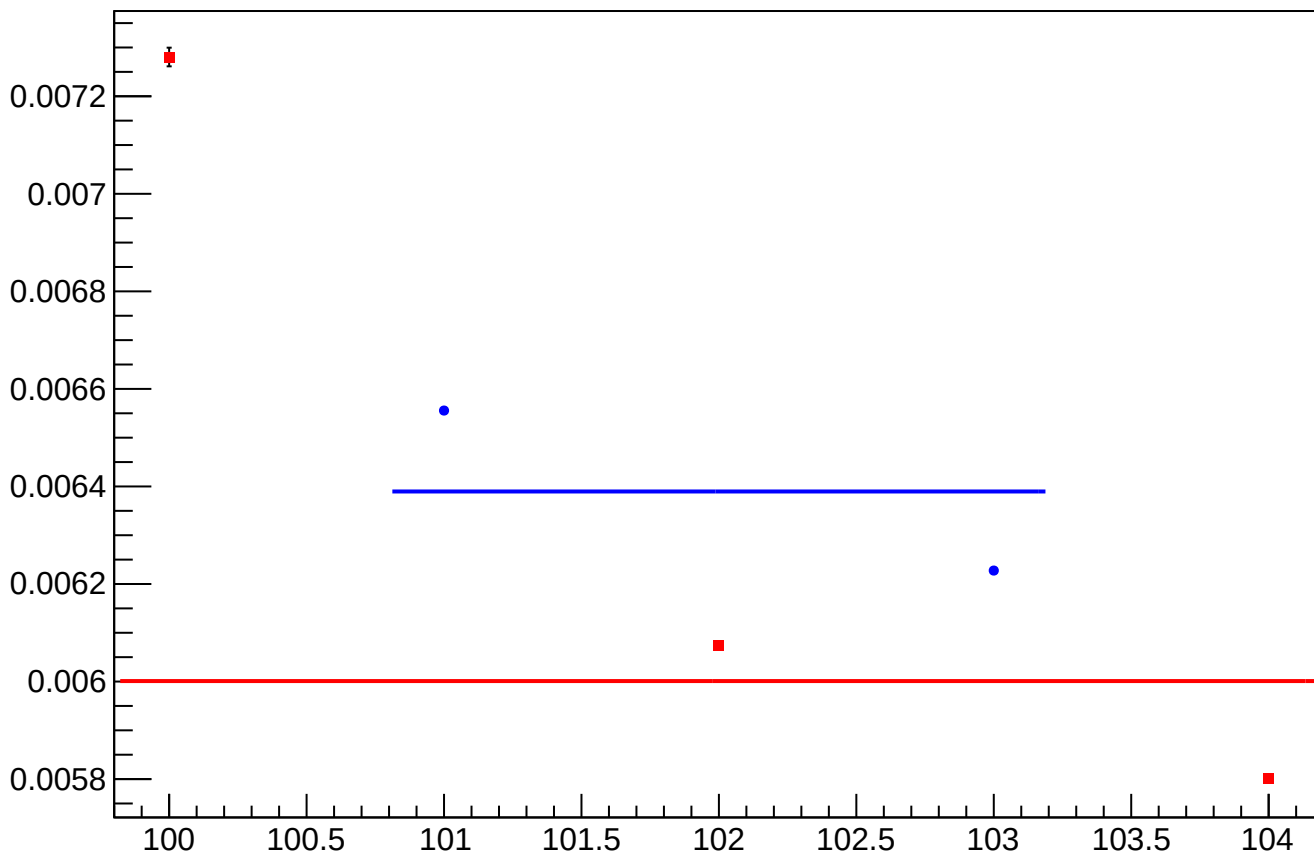
Right: -0.000+/-0.000 χ^2/NDF : 0.4/4

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 : 0.4/4

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: 0.006+/-0.000 χ^2/NDF : 5878.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

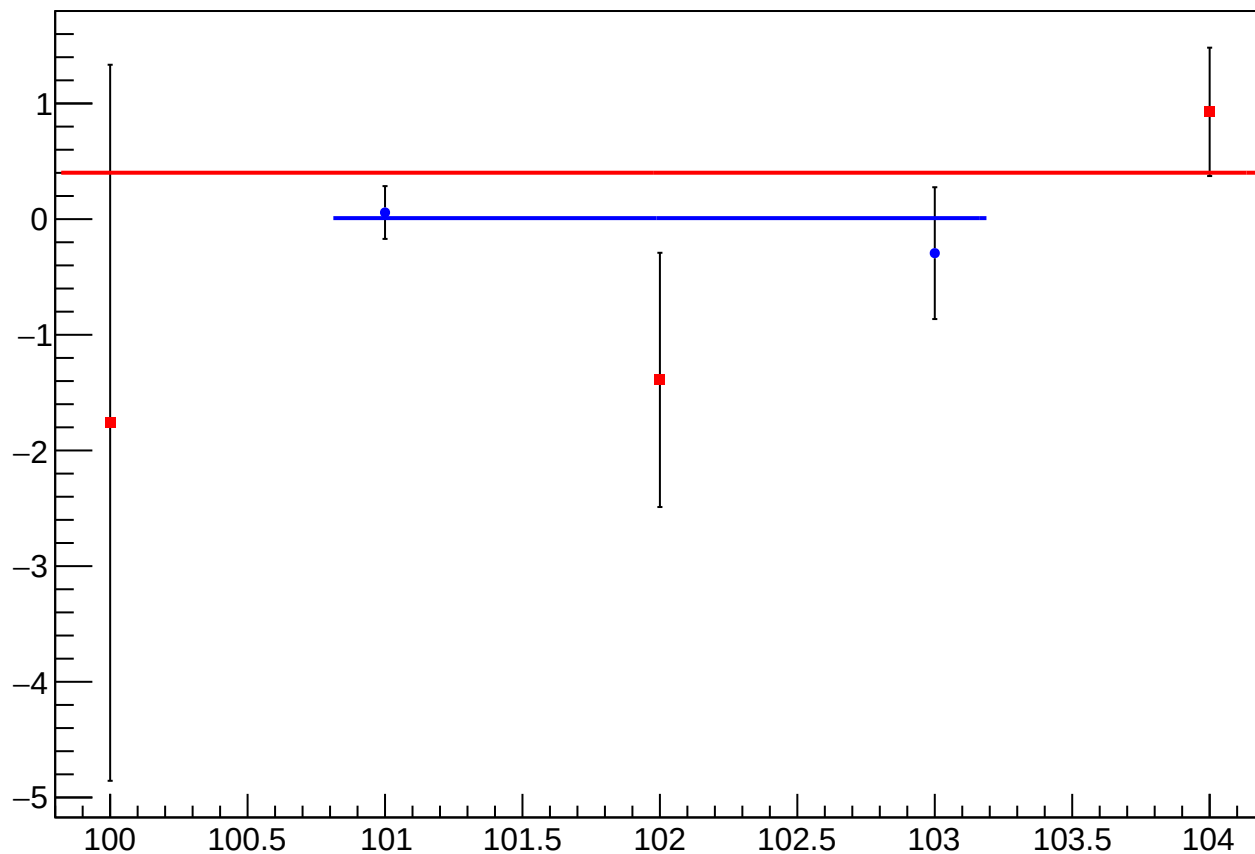
Right: 0.006+/-0.000 χ^2/NDF : 12444.1/4

In: 0.006+/-0.000 χ^2/NDF : 1659.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12444.1/4

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: 0.401 $\pm$ 0.489 χ^2 /NDF: 4.0/2

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

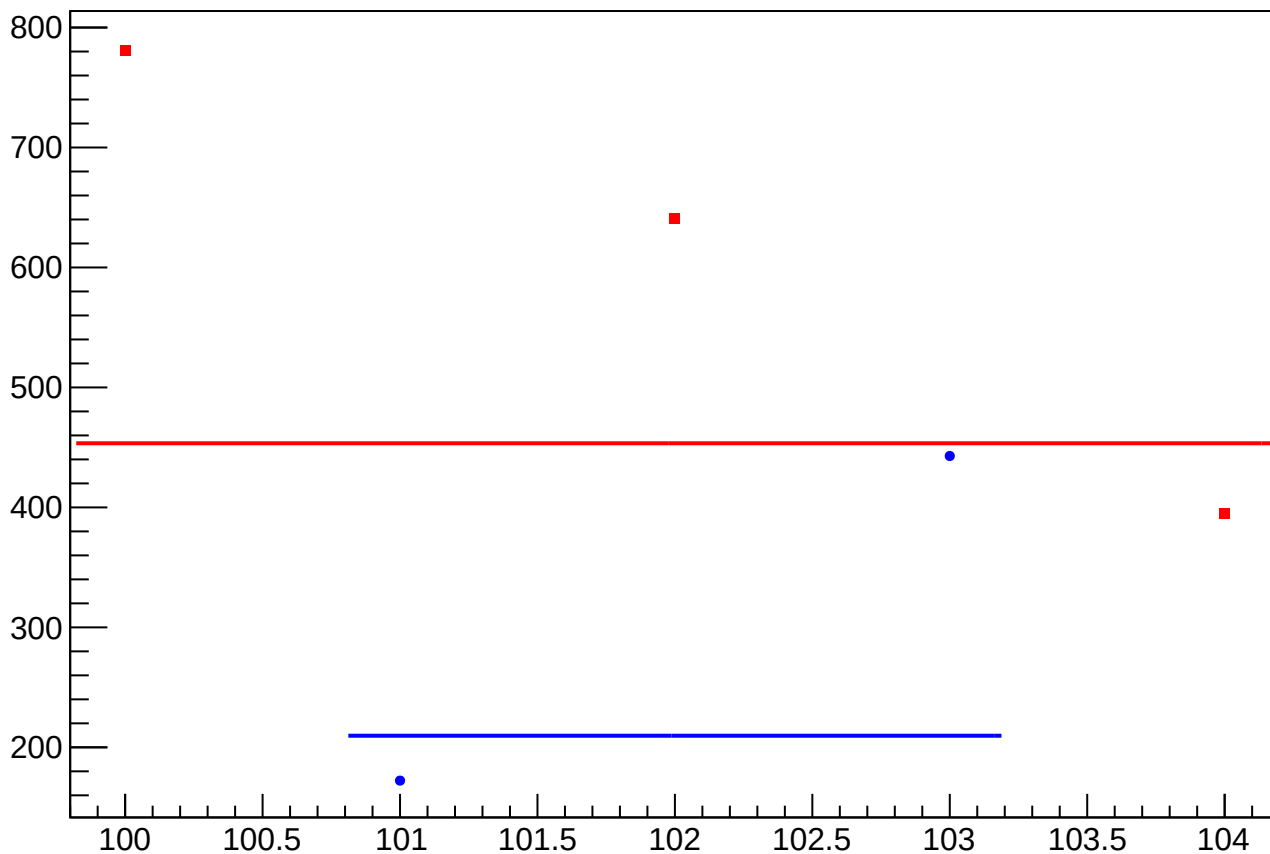
Right: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

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: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

asym_atr12_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: 453.463+/-0.346 χ^2/NDF : 102864.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

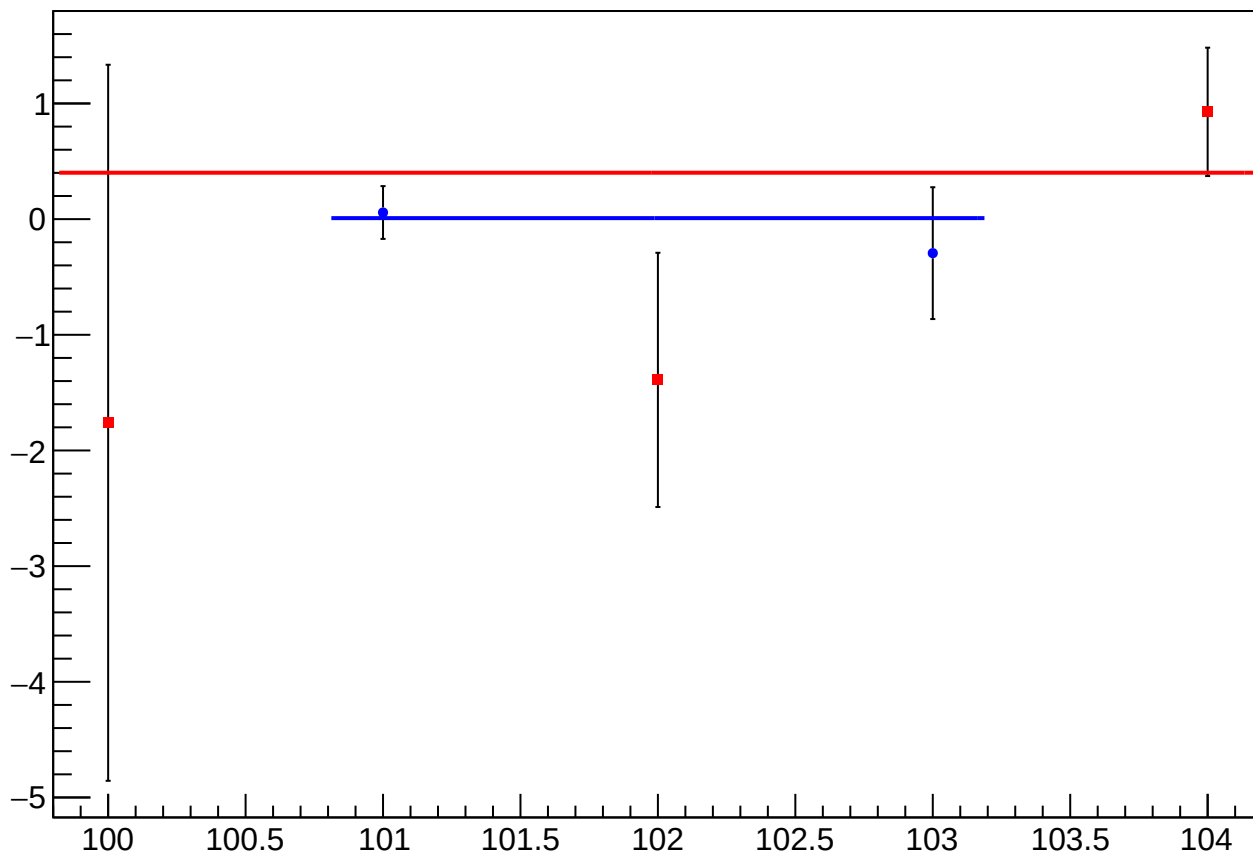
Right: 248.188+/-0.137 χ^2/NDF : 909855.1/4

In: 209.675+/-0.150 χ^2/NDF : 388659.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.188+/-0.137 χ^2/NDF : 909855.1/4

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.212 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.401 $\pm$ 0.489 χ^2 /NDF: 4.0/2

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

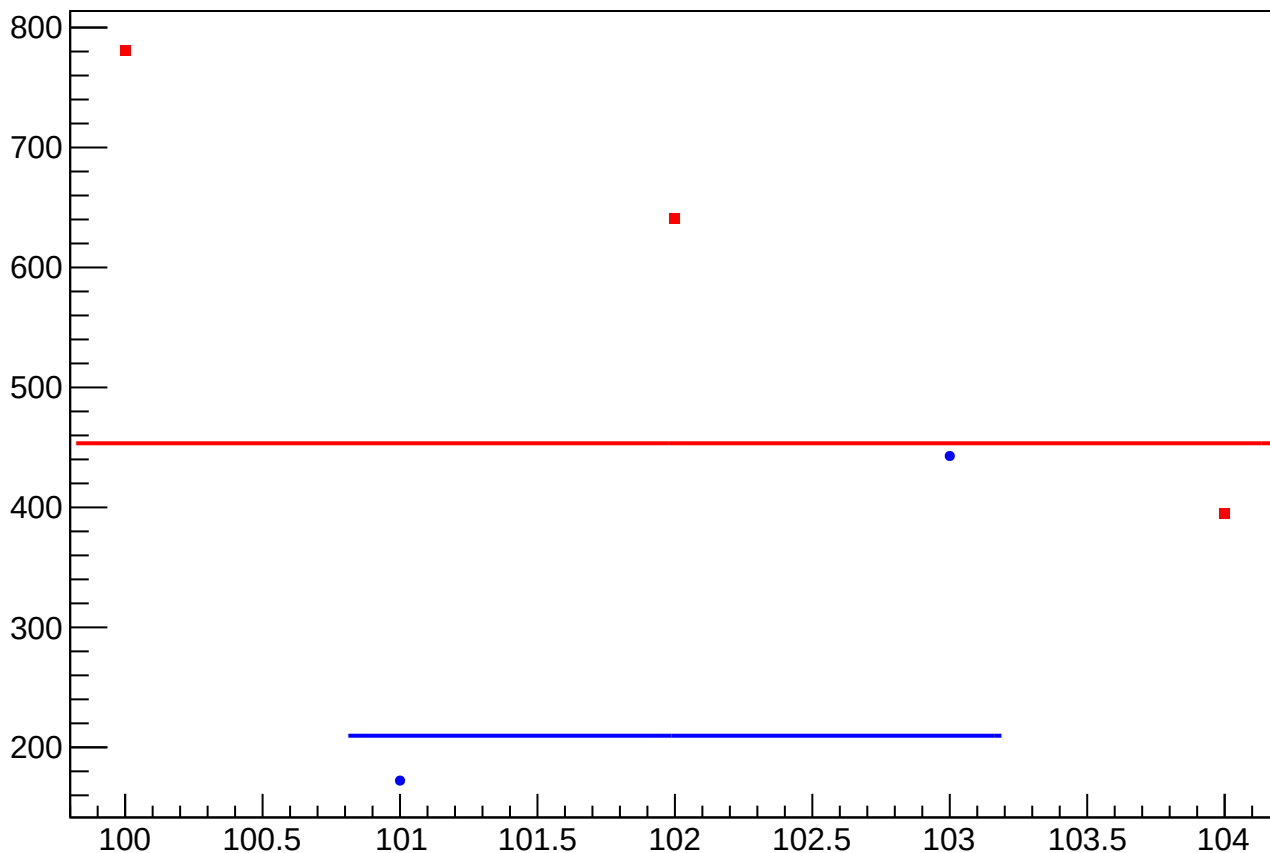
Right: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

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: 0.071 $\pm$ 0.194 χ^2 /NDF: 4.9/4

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 209.675 $\pm$ 0.150 χ^2 /NDF: 388659.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 453.463 $\pm$ 0.346 χ^2 /NDF: 102864.9/2

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

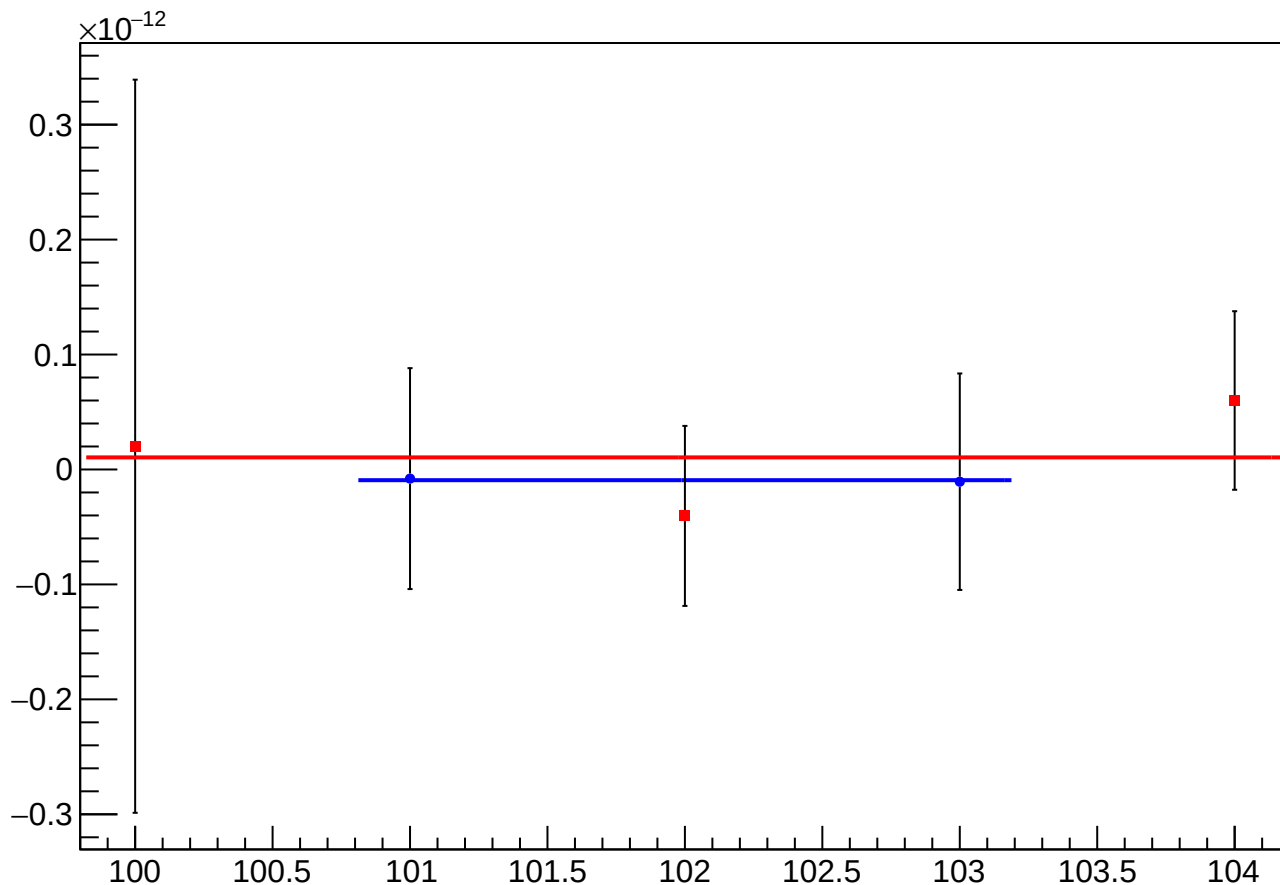
Right: 248.188 $\pm$ 0.137 χ^2 /NDF: 909855.1/4

In: 209.675 $\pm$ 0.150 χ^2 /NDF:388659.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 248.188 $\pm$ 0.137 χ^2 /NDF: 909855.1/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

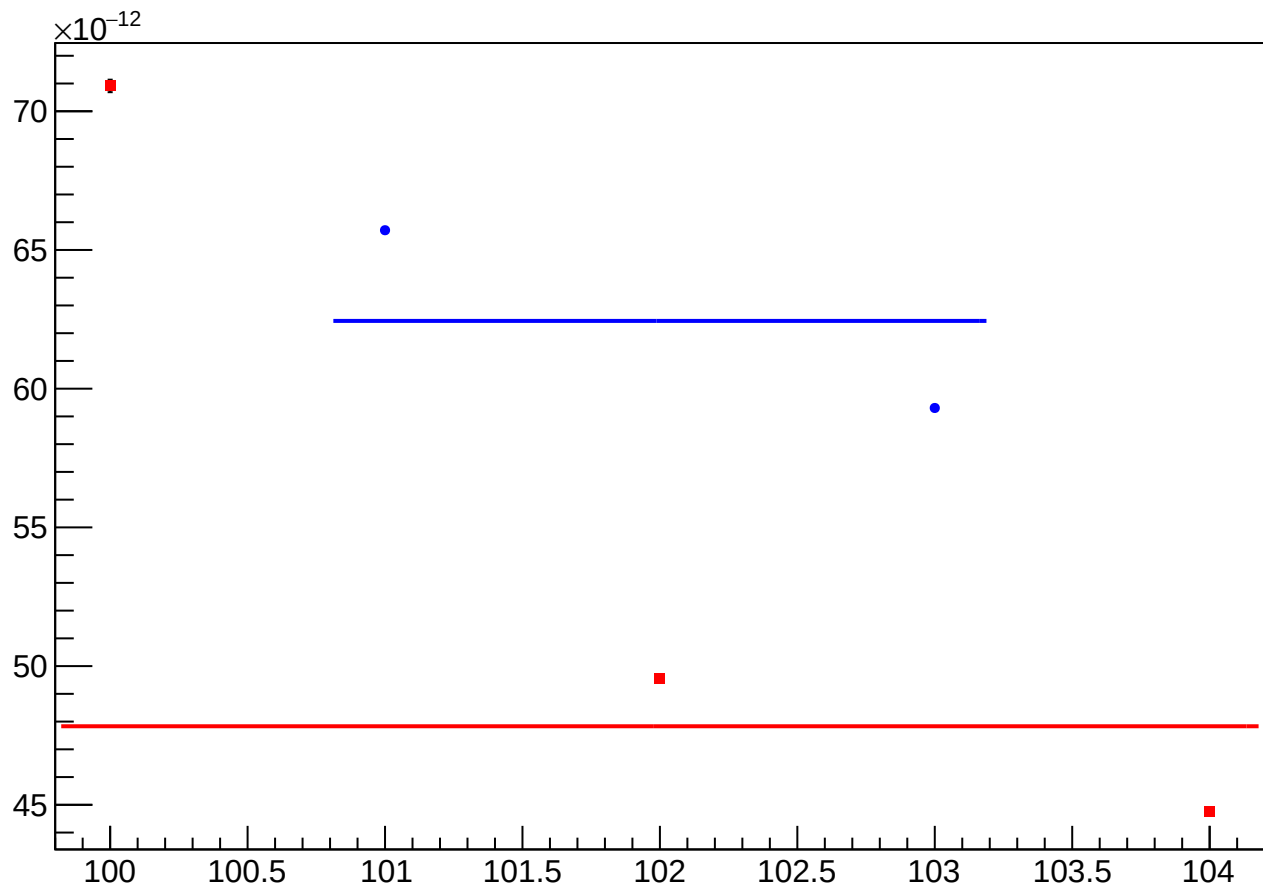
Right: 0.000+/-0.000 χ^2/NDF : 0.9/4

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 : 0.9/4

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 : 14557.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

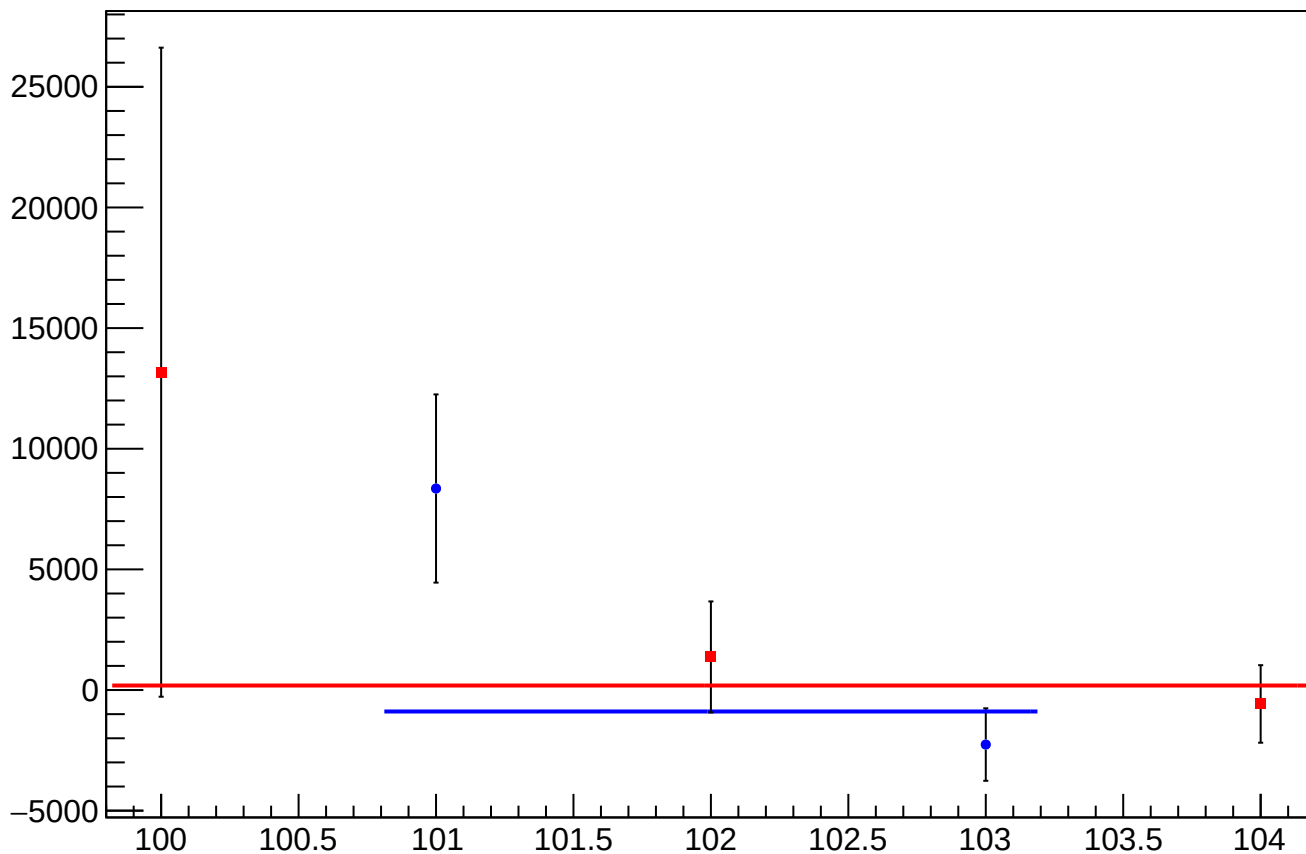
Right: 0.000+/-0.000 χ^2/NDF : 76201.0/4

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 : 76201.0/4

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: 186.441+/-1310.841 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

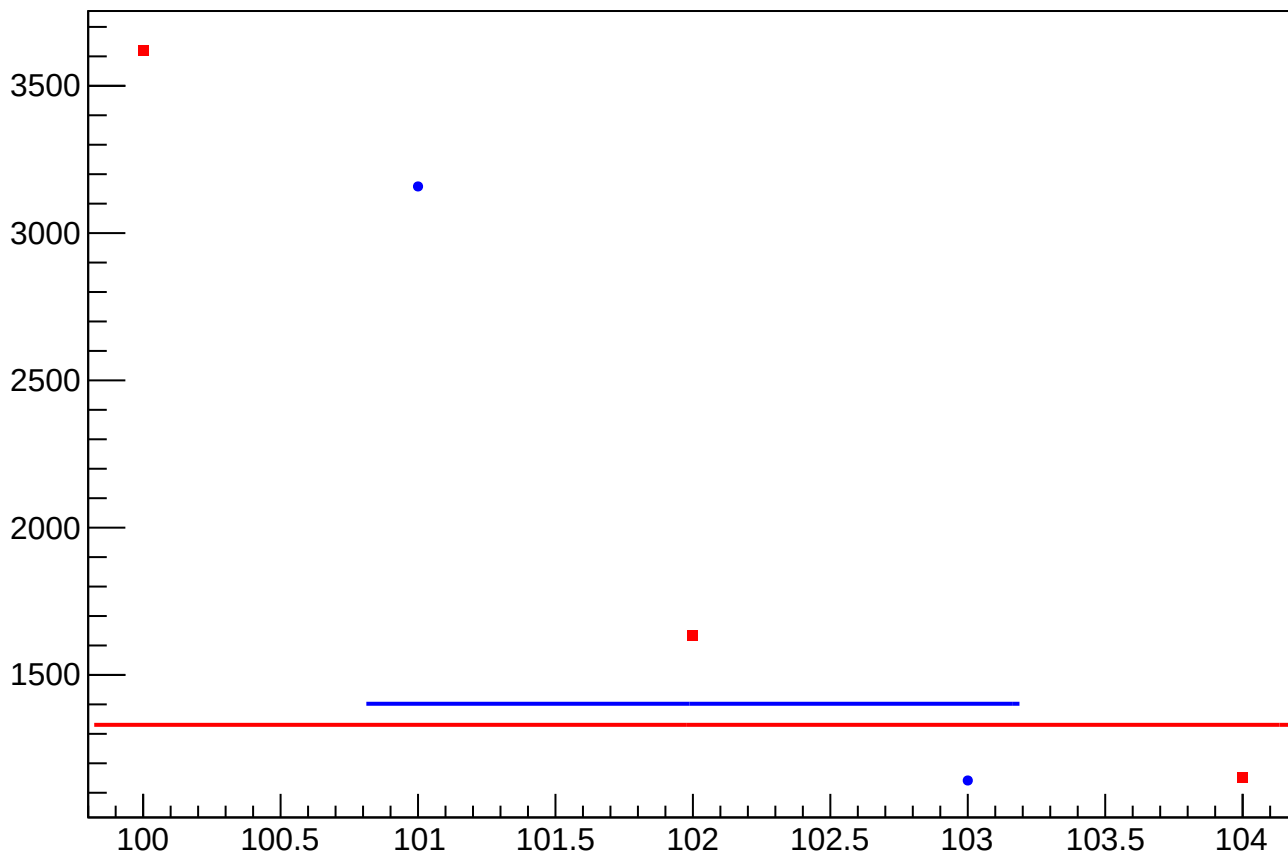
Right: -315.664+/-957.394 χ^2/NDF : 8.2/4

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.664+/-957.394 χ^2/NDF : 8.2/4

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: 1330.587+/-0.927 χ^2/NDF : 117877.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

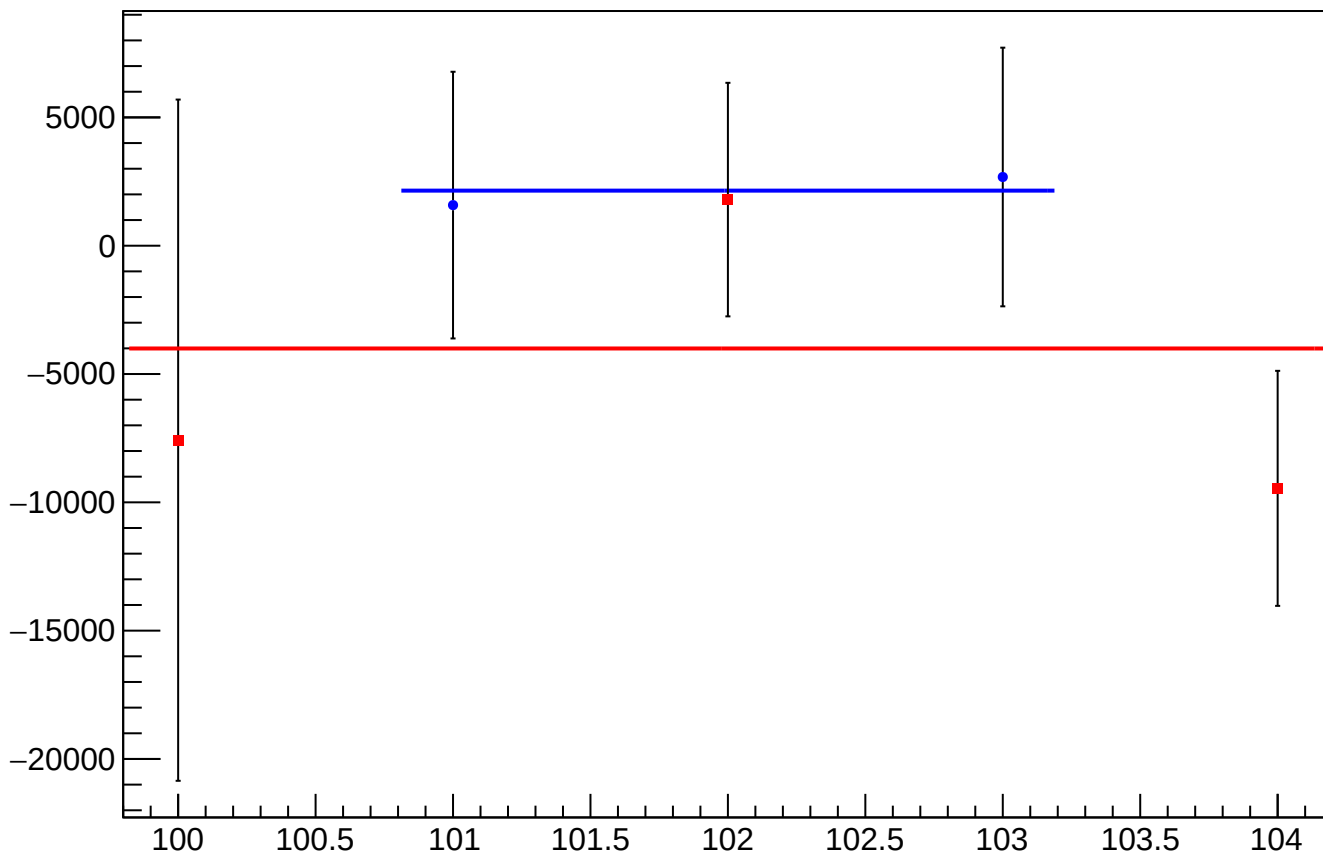
Right: 1363.966+/-0.677 χ^2/NDF : 586376.7/4

In: 1402.128+/-0.991 χ^2/NDF : 465720.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.966+/-0.677 χ^2/NDF : 586376.7/4

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539 $\pm$ 3617.614 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4004.726 $\pm$ 3136.348 χ^2 /NDF: 3.1/2

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

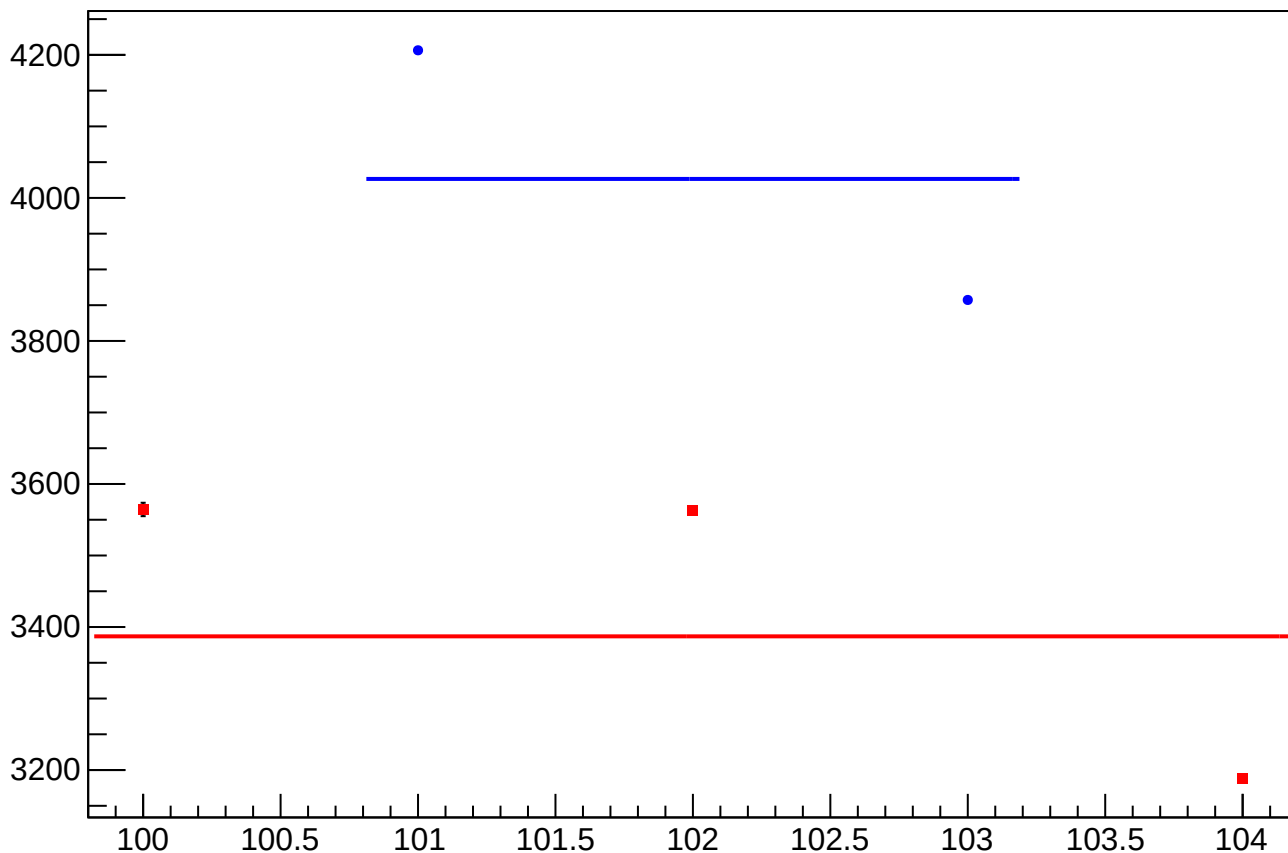
Right: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

In: 2146.539 $\pm$ 3617.614 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

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: 3386.948+/-2.218 χ^2/NDF : 7095.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

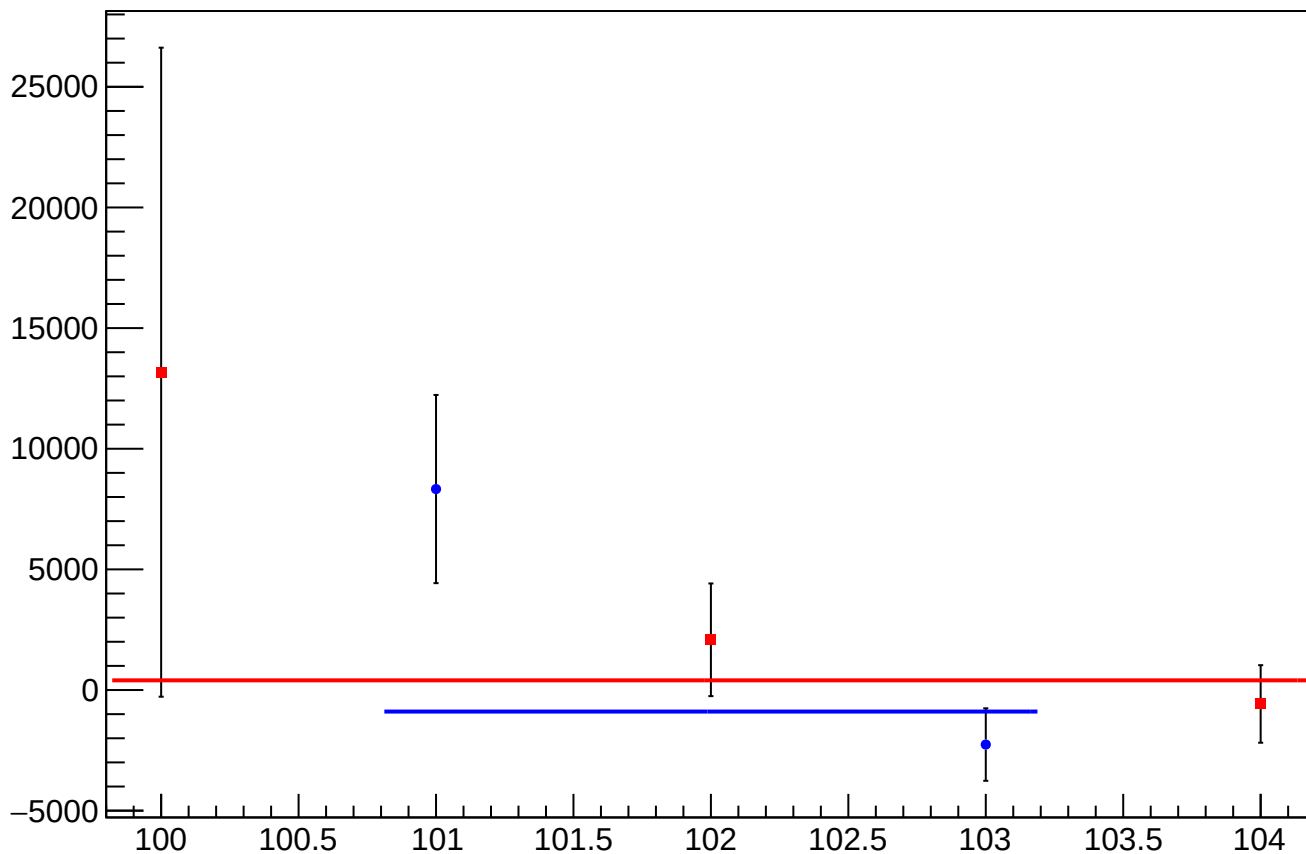
Right: 3661.399+/-1.676 χ^2/NDF : 47437.1/4

In: 4026.541+/-2.558 χ^2/NDF : 4651.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3661.399+/-1.676 χ^2/NDF : 47437.1/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

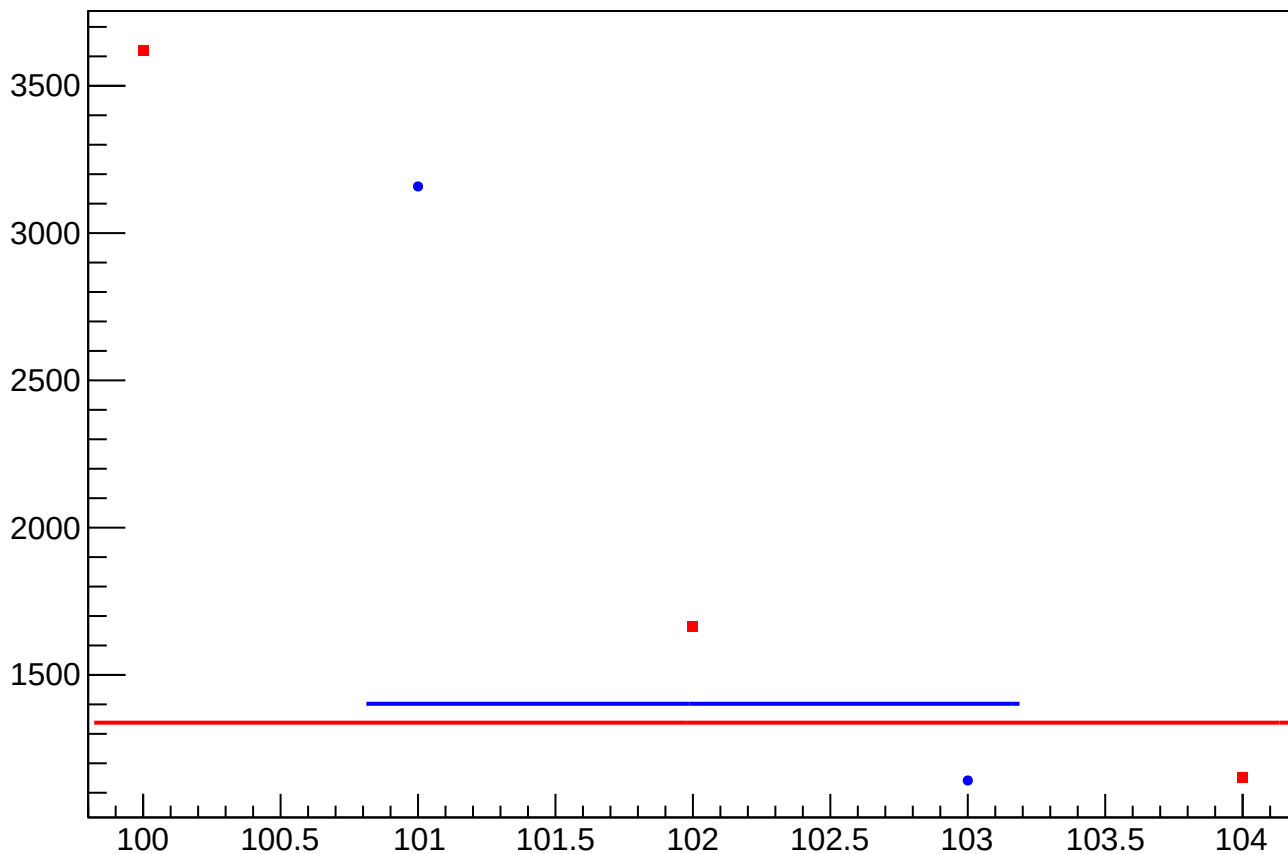
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

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: 1337.882+/-0.931 χ^2/NDF : 124311.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

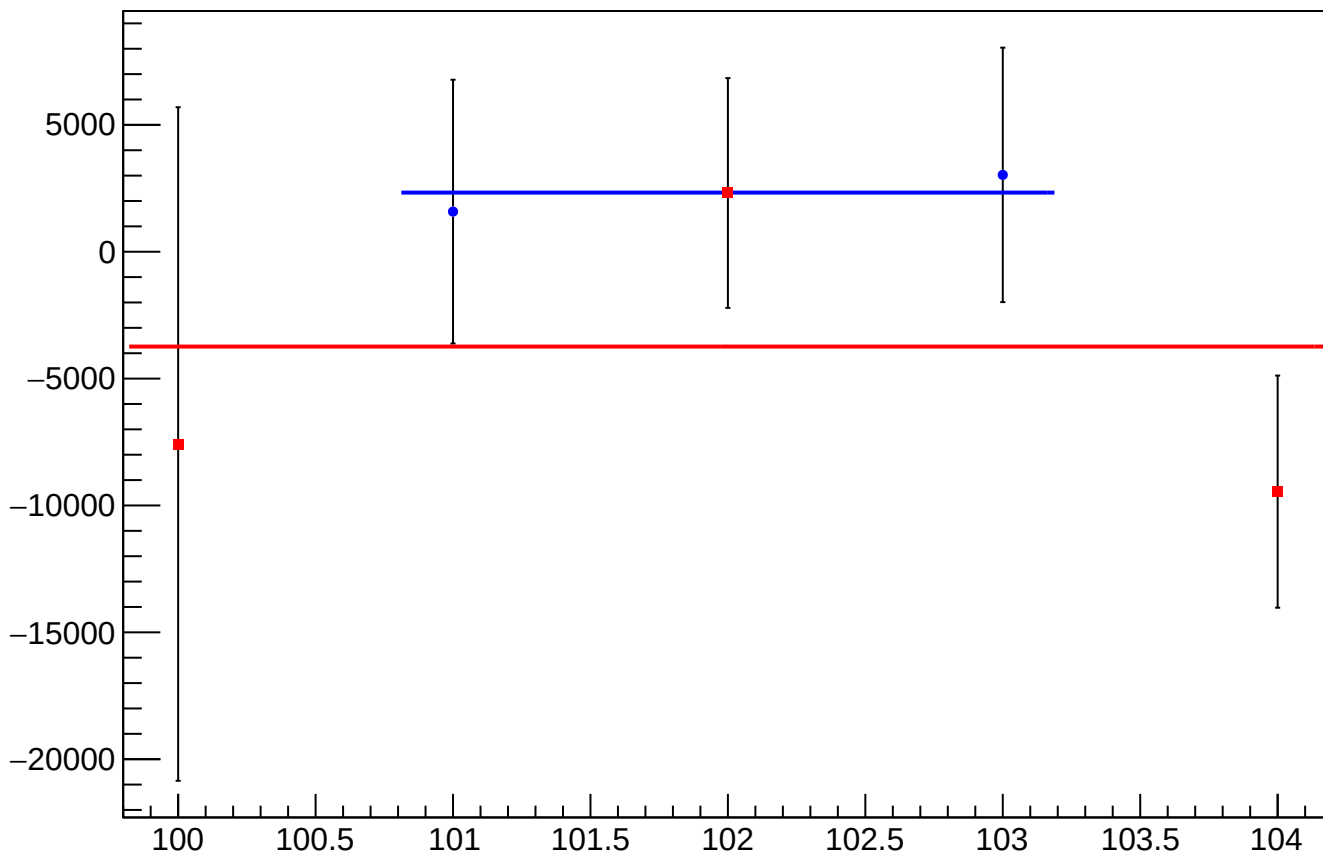
Right: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

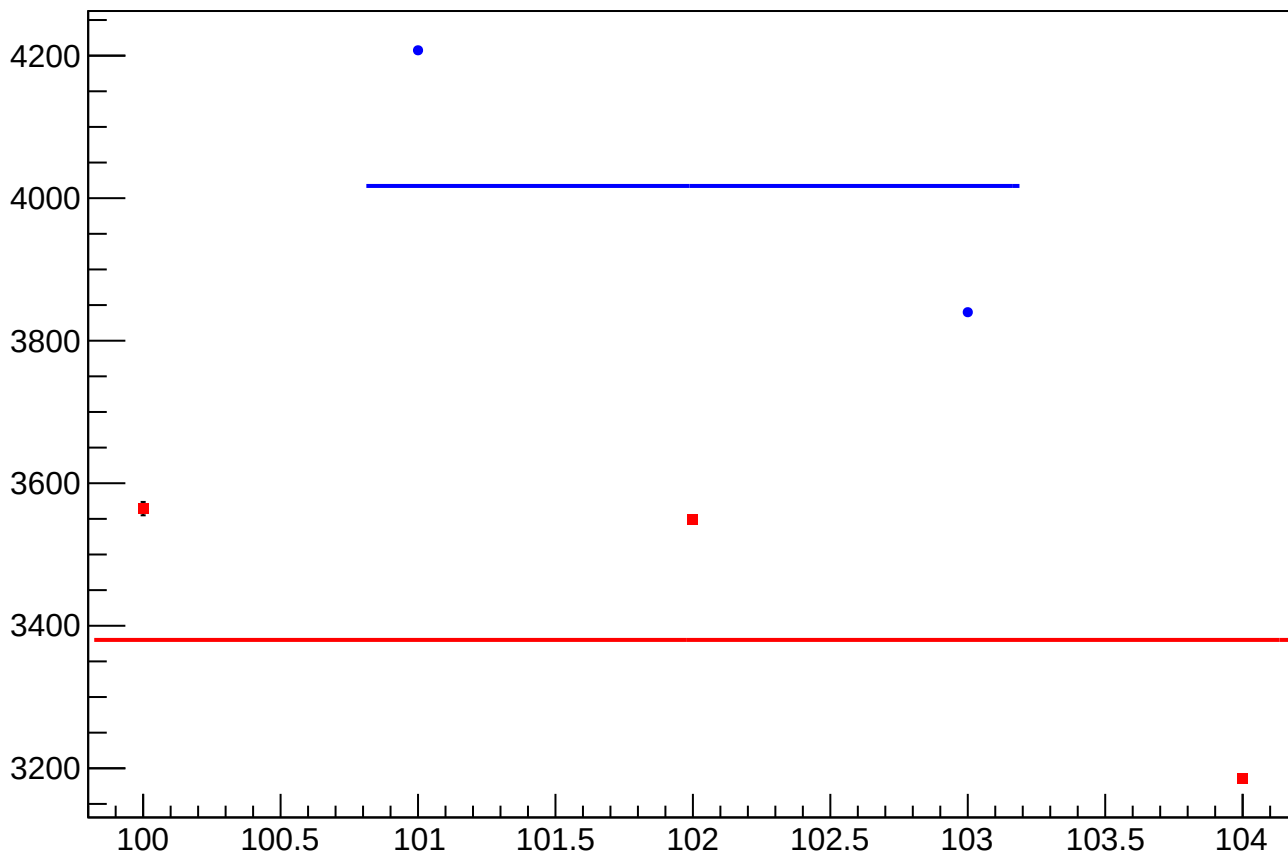
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

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: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

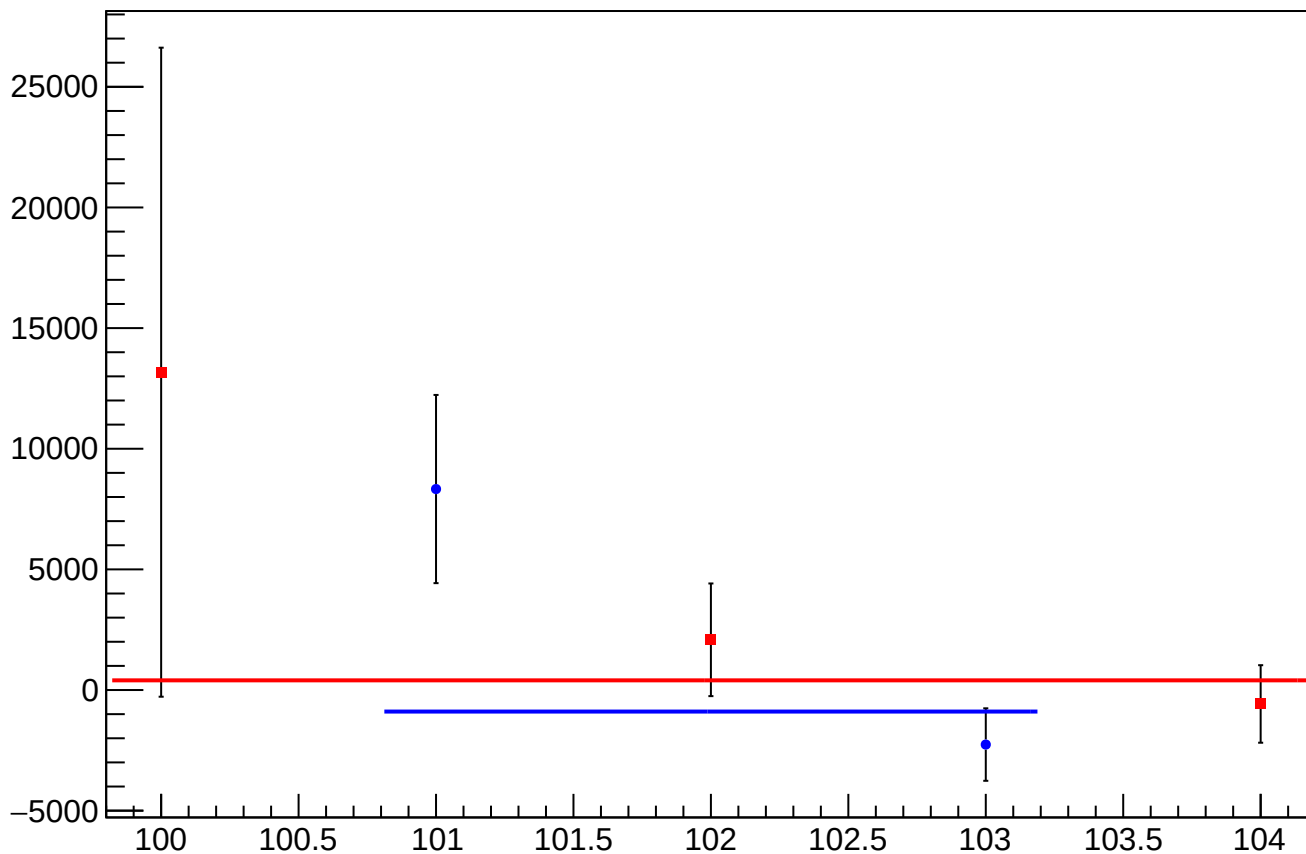
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

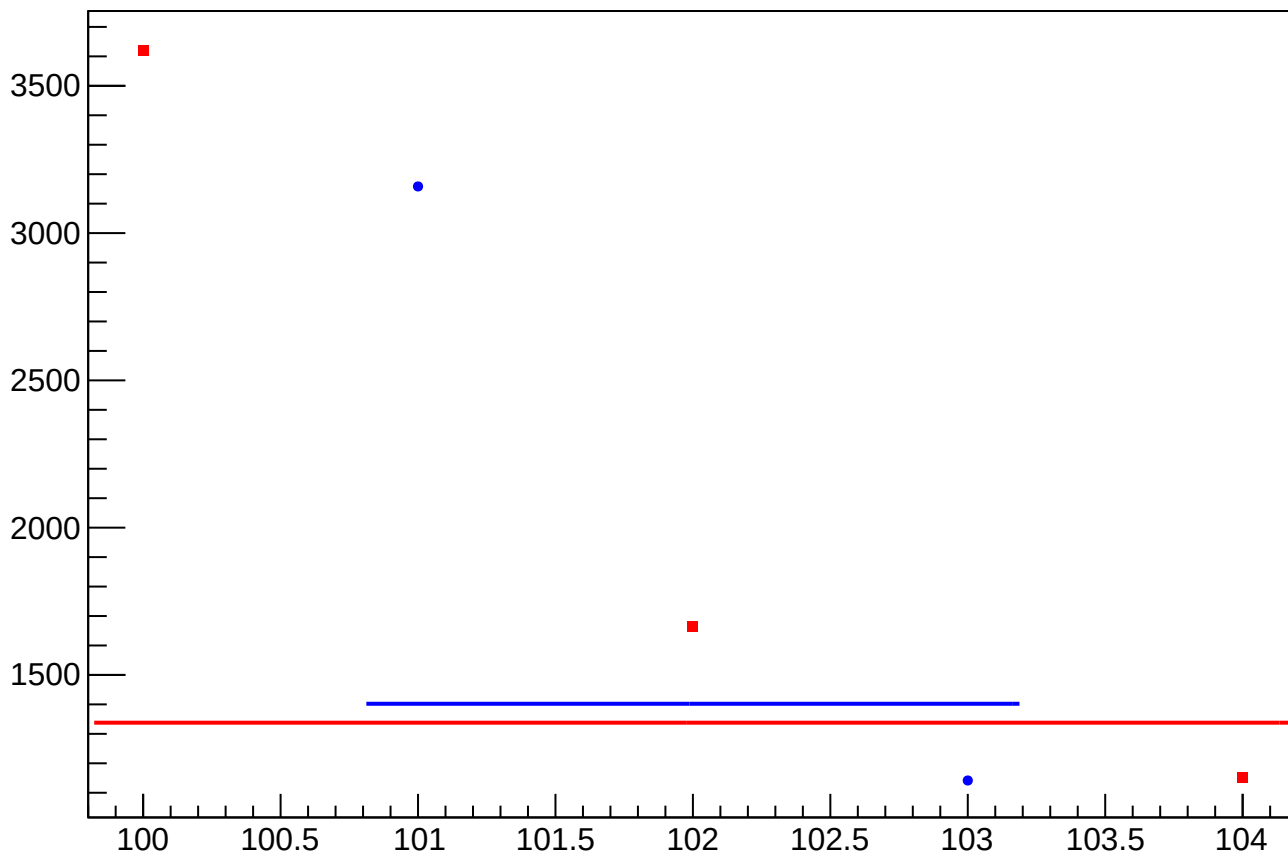
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

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: 1337.882+/-0.931 χ^2/NDF : 124311.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

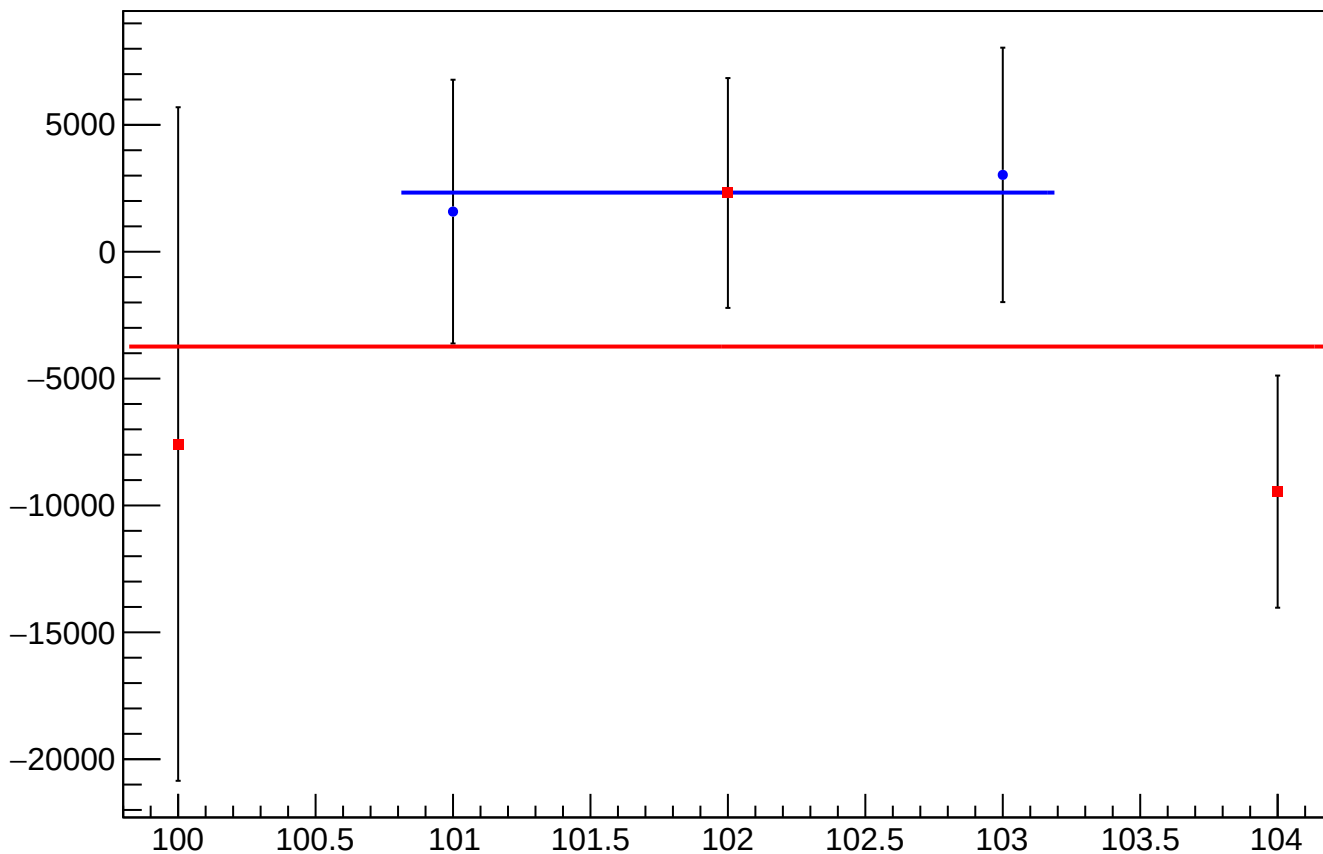
Right: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

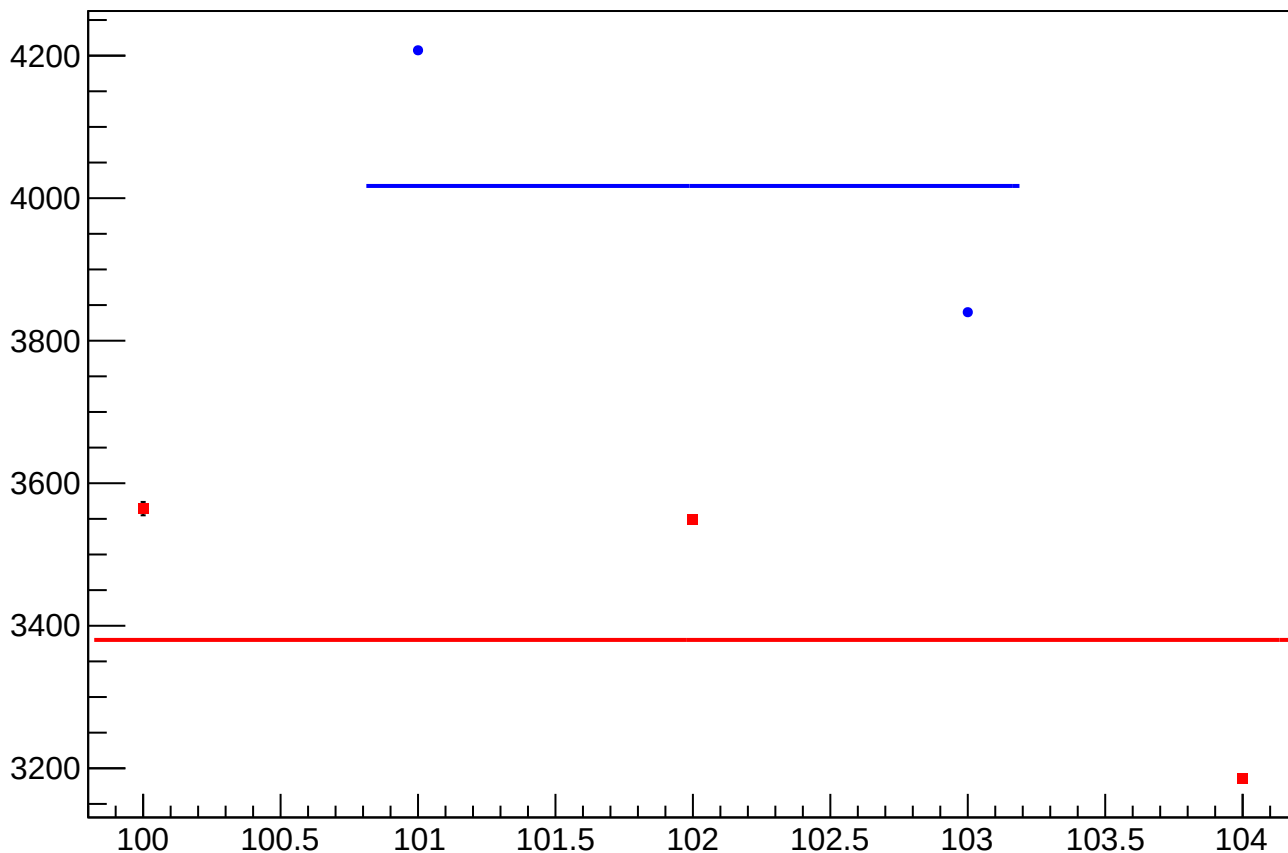
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

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: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

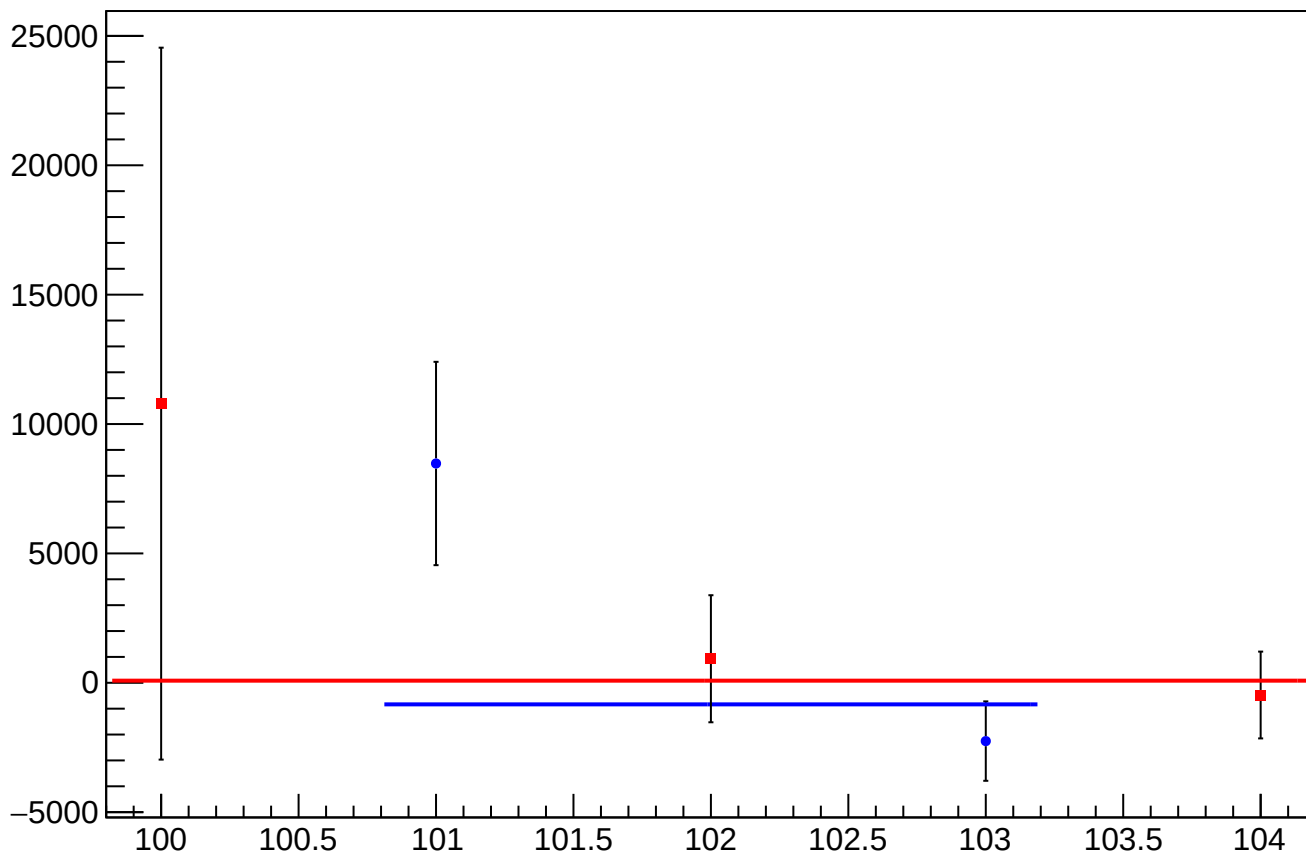
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 82.290+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

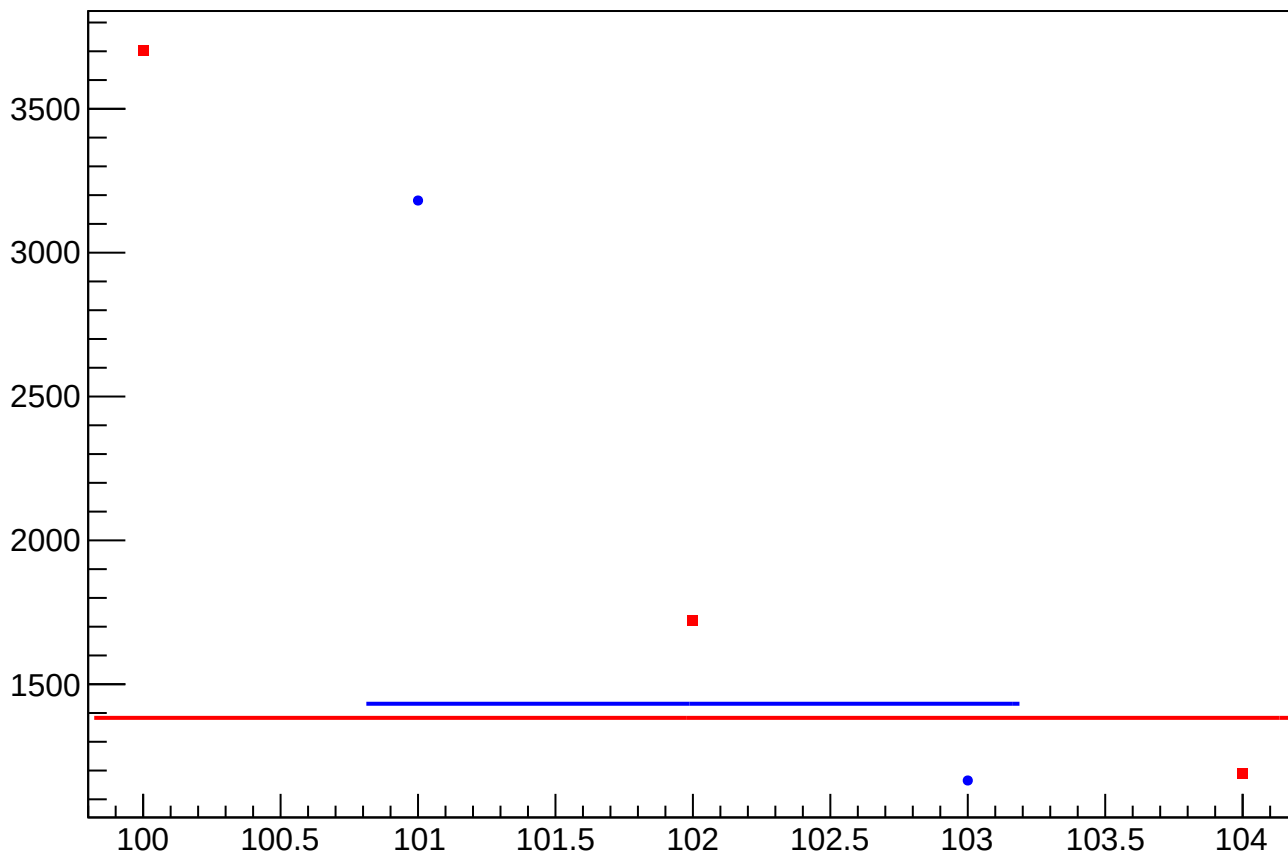
Right: -359.064+/-992.039 χ^2/NDF : 7.5/4

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.064+/-992.039 χ^2/NDF : 7.5/4

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: 1383.116+/-0.974 χ^2/NDF : 121247.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

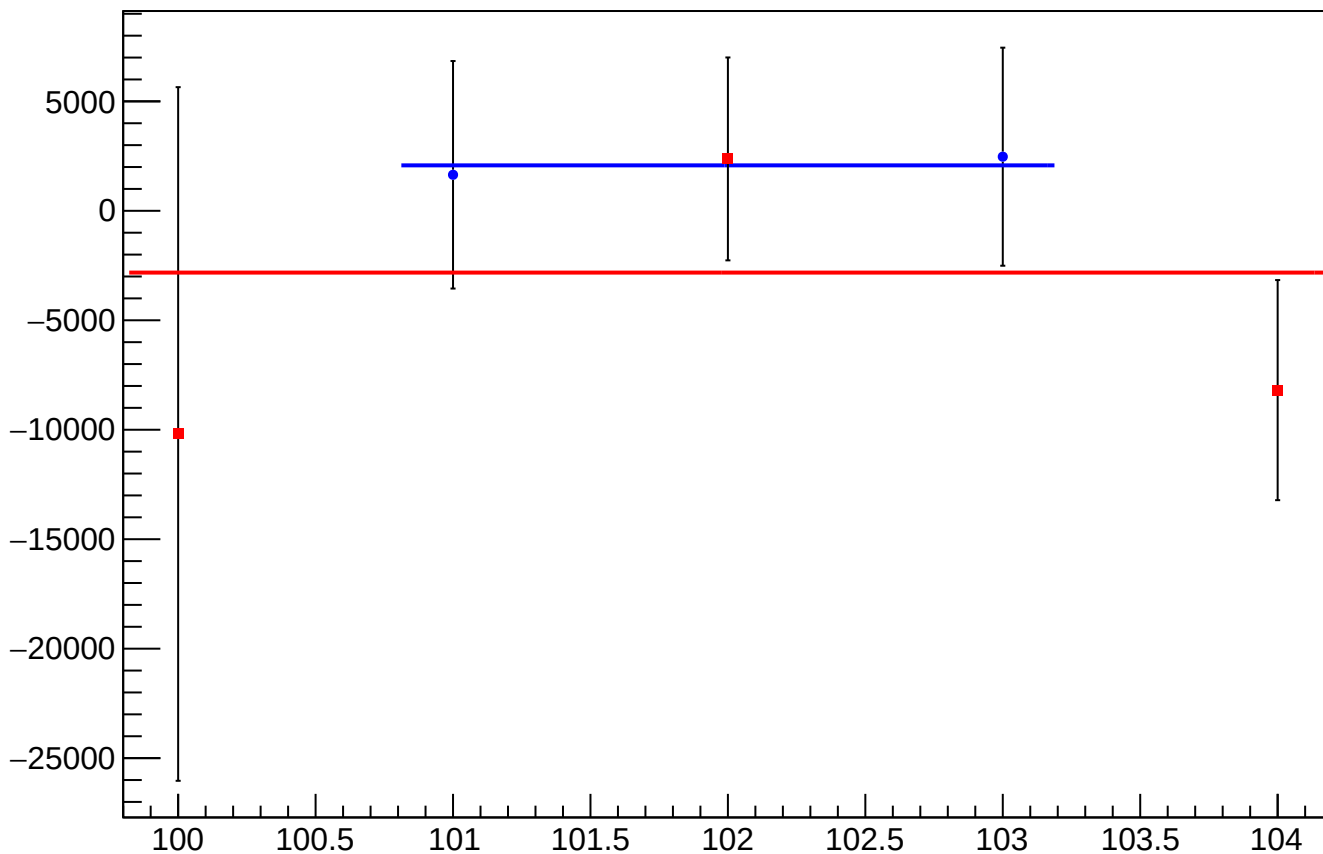
Right: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

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: -2821.560+/-3330.942 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

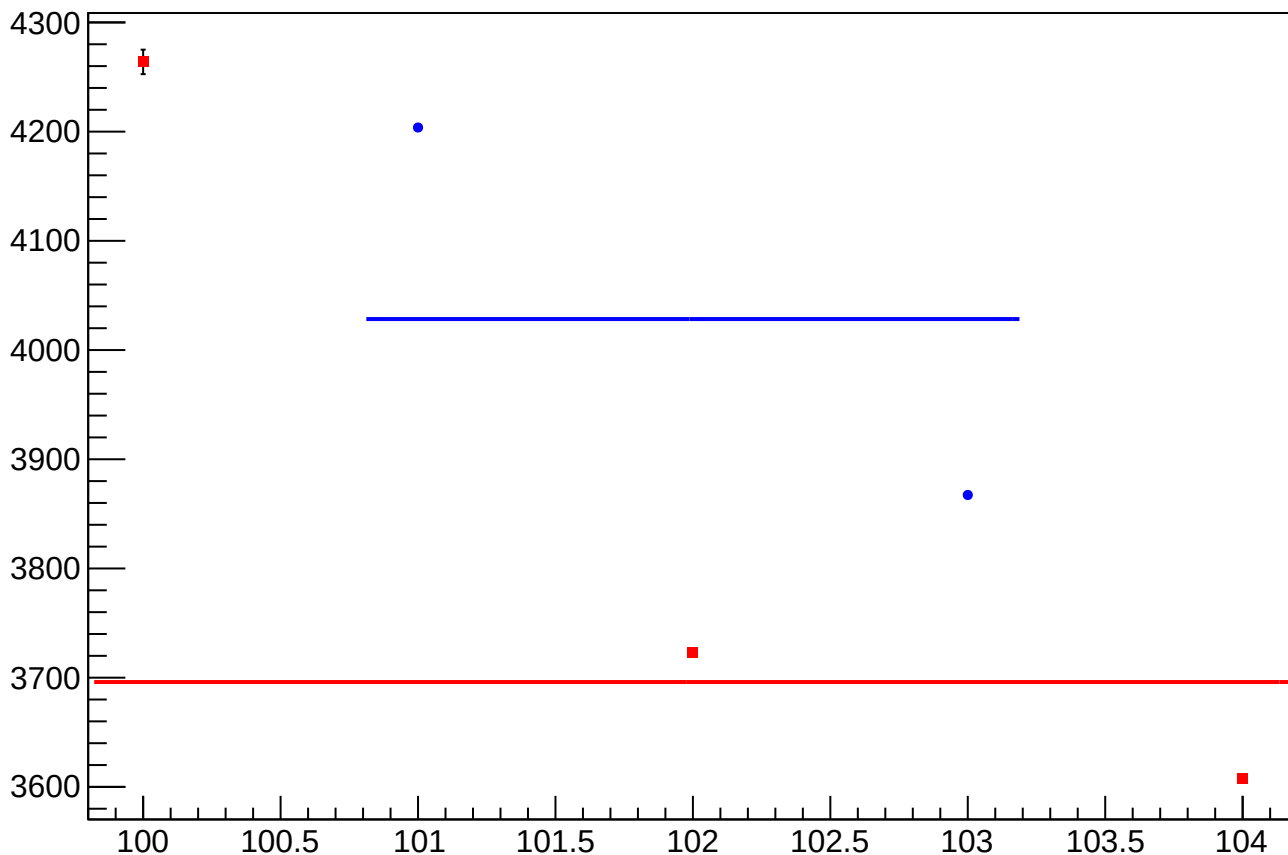
Right: -559.329+/-2443.470 χ^2/NDF : 3.6/4

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.329+/-2443.470 χ^2/NDF : 3.6/4

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: 3696.016+/-2.355 χ^2/NDF : 3259.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

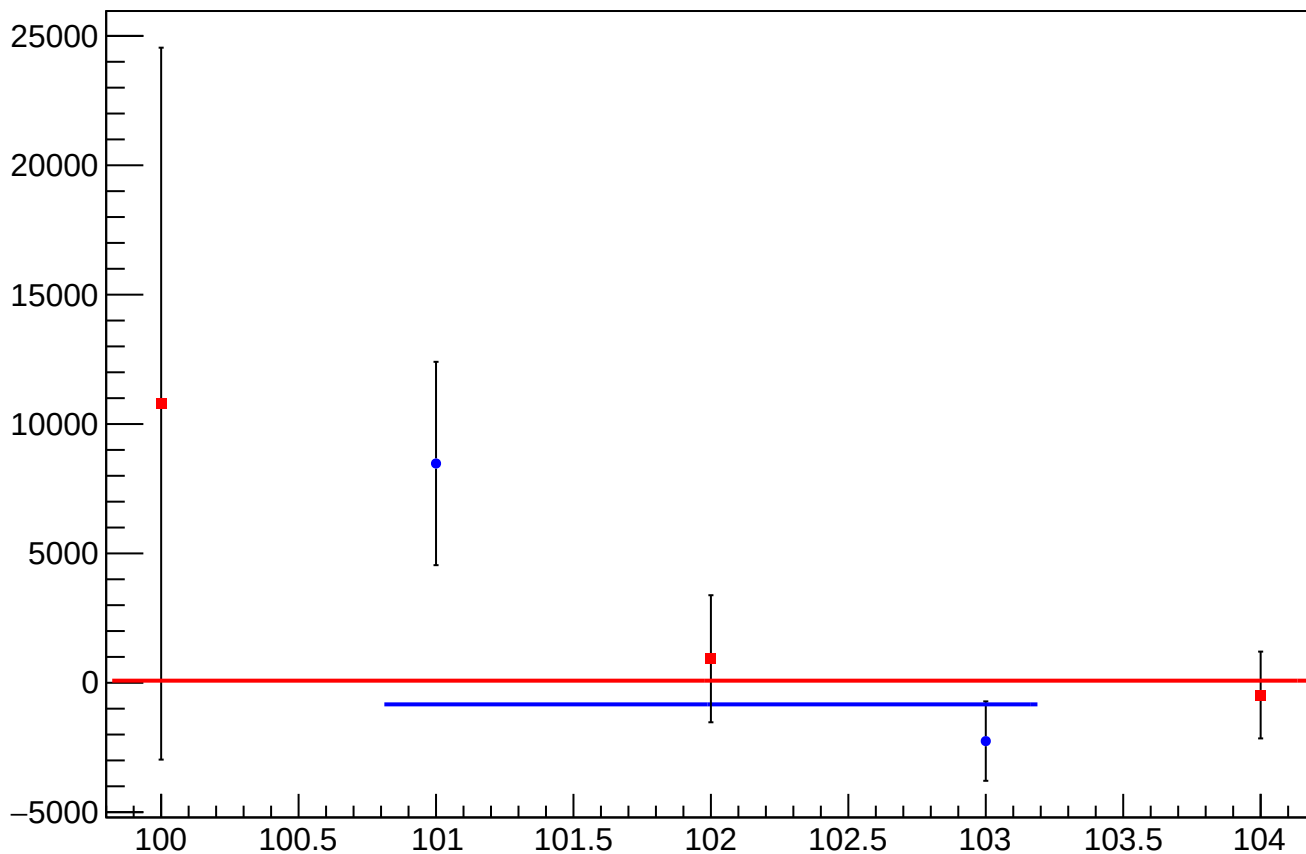
Right: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

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: 82.279+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

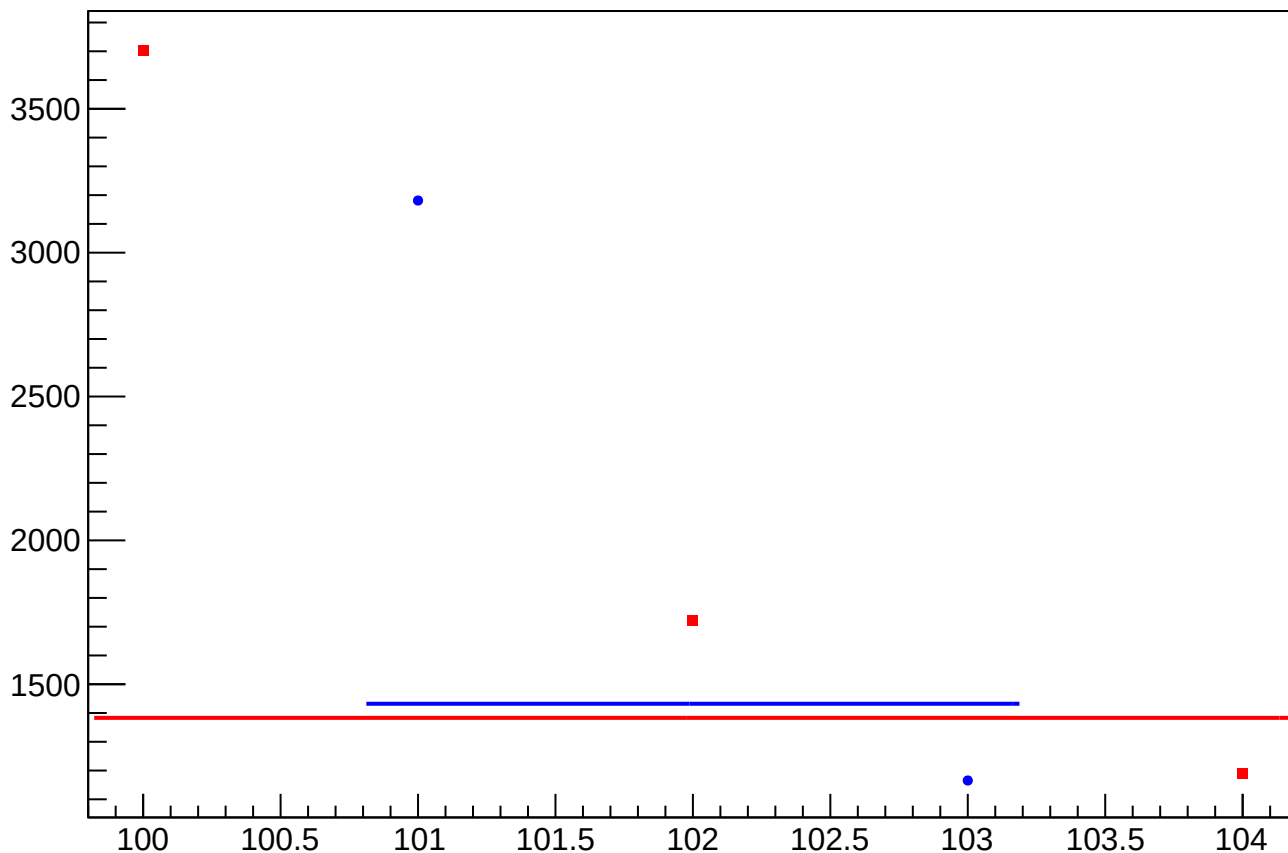
Right: -359.071+/-992.038 χ^2/NDF : 7.5/4

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.071+/-992.038 χ^2/NDF : 7.5/4

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: 1383.115+/-0.974 χ^2 /NDF: 121247.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

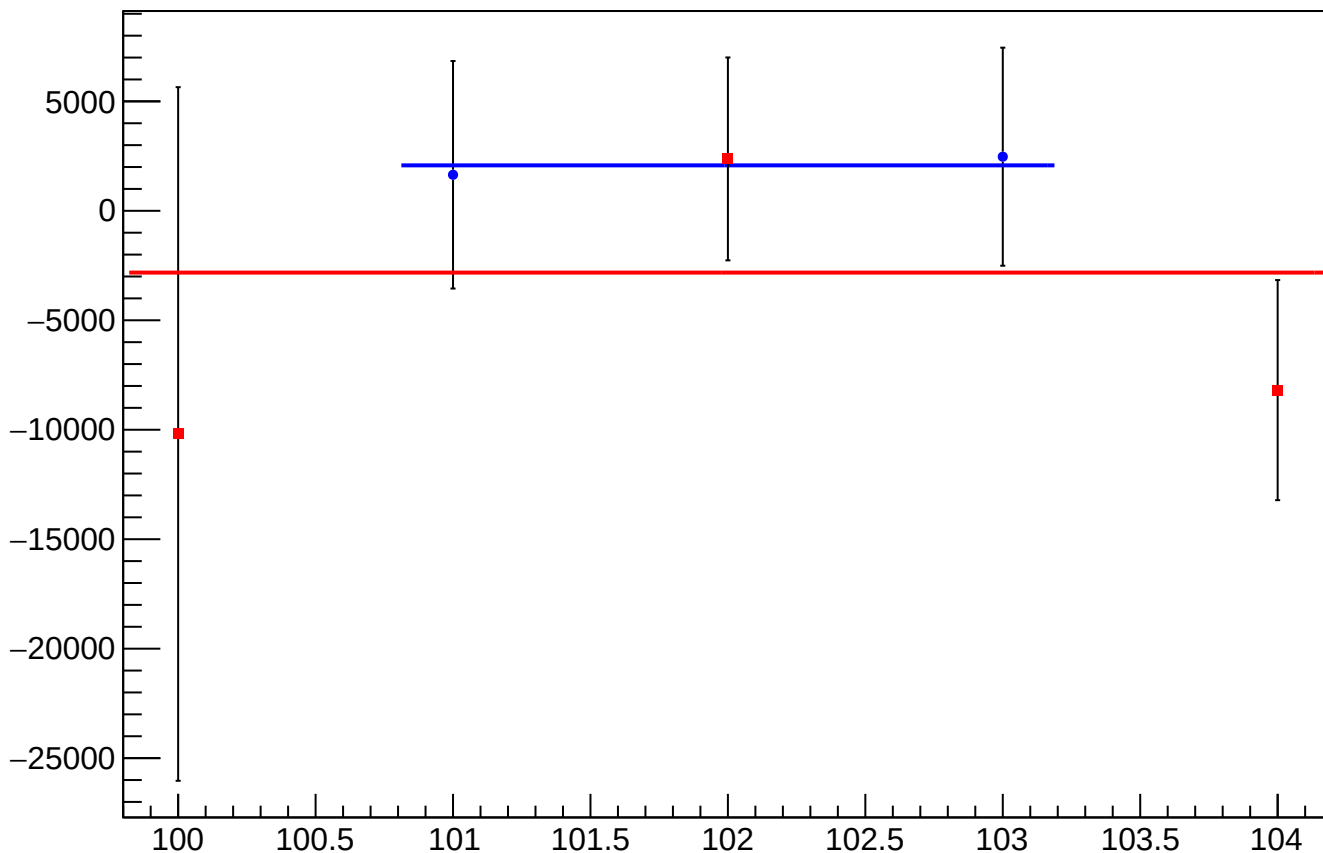
Right: 1406.738+/-0.701 χ^2 /NDF: 579251.4/4

In: 1432.145+/-1.011 χ^2 /NDF:456784.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1406.738+/-0.701 χ^2 /NDF: 579251.4/4

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: -2821.565+/-3330.944 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

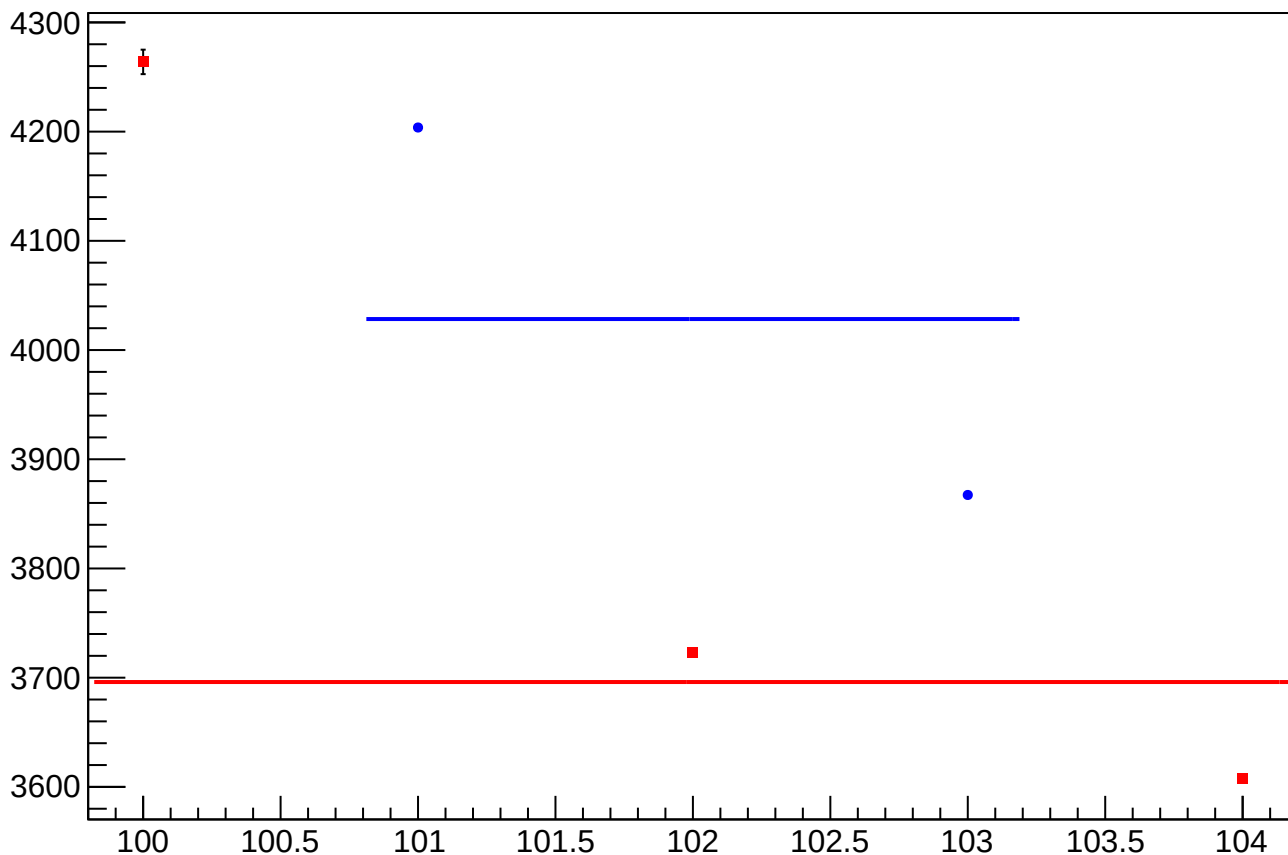
Right: -559.327+/-2443.471 χ^2/NDF : 3.6/4

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.327+/-2443.471 χ^2/NDF : 3.6/4

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: 3696.018+/-2.355 χ^2/NDF : 3259.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

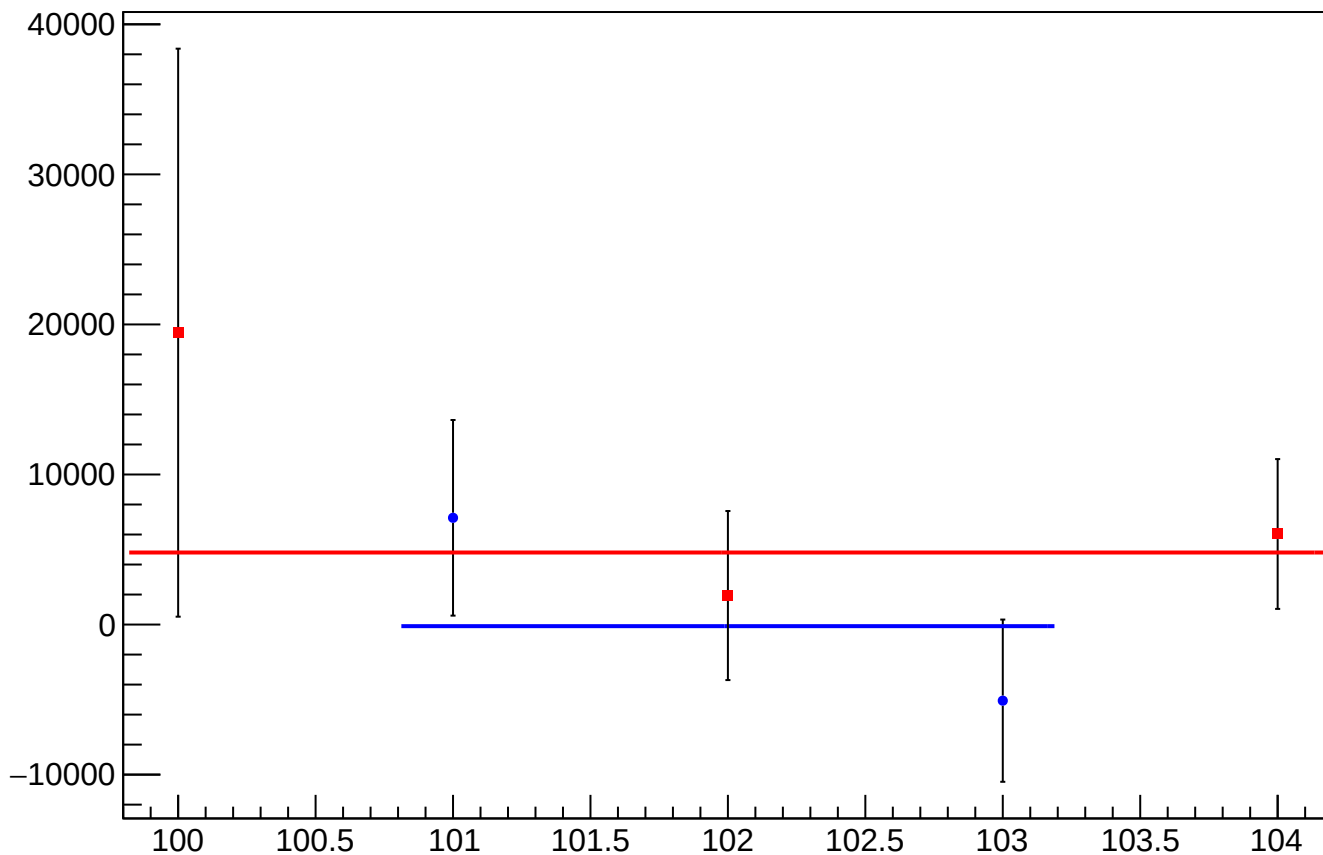
Right: 3849.531+/-1.728 χ^2/NDF : 16827.3/4

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.531+/-1.728 χ^2/NDF : 16827.3/4

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: 4801.584+/-3665.195 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

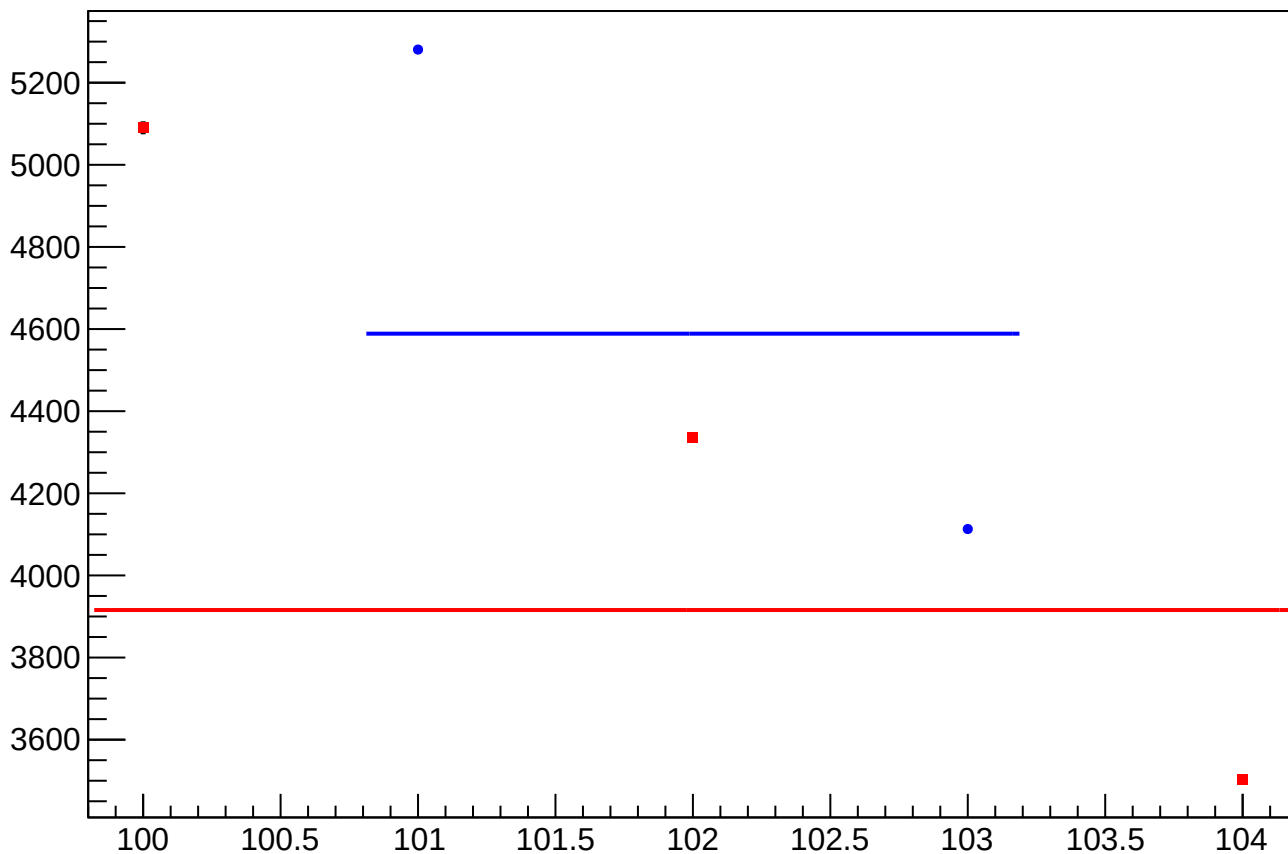
Right: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

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: 3915.717+/-2.592 χ^2/NDF : 32520.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

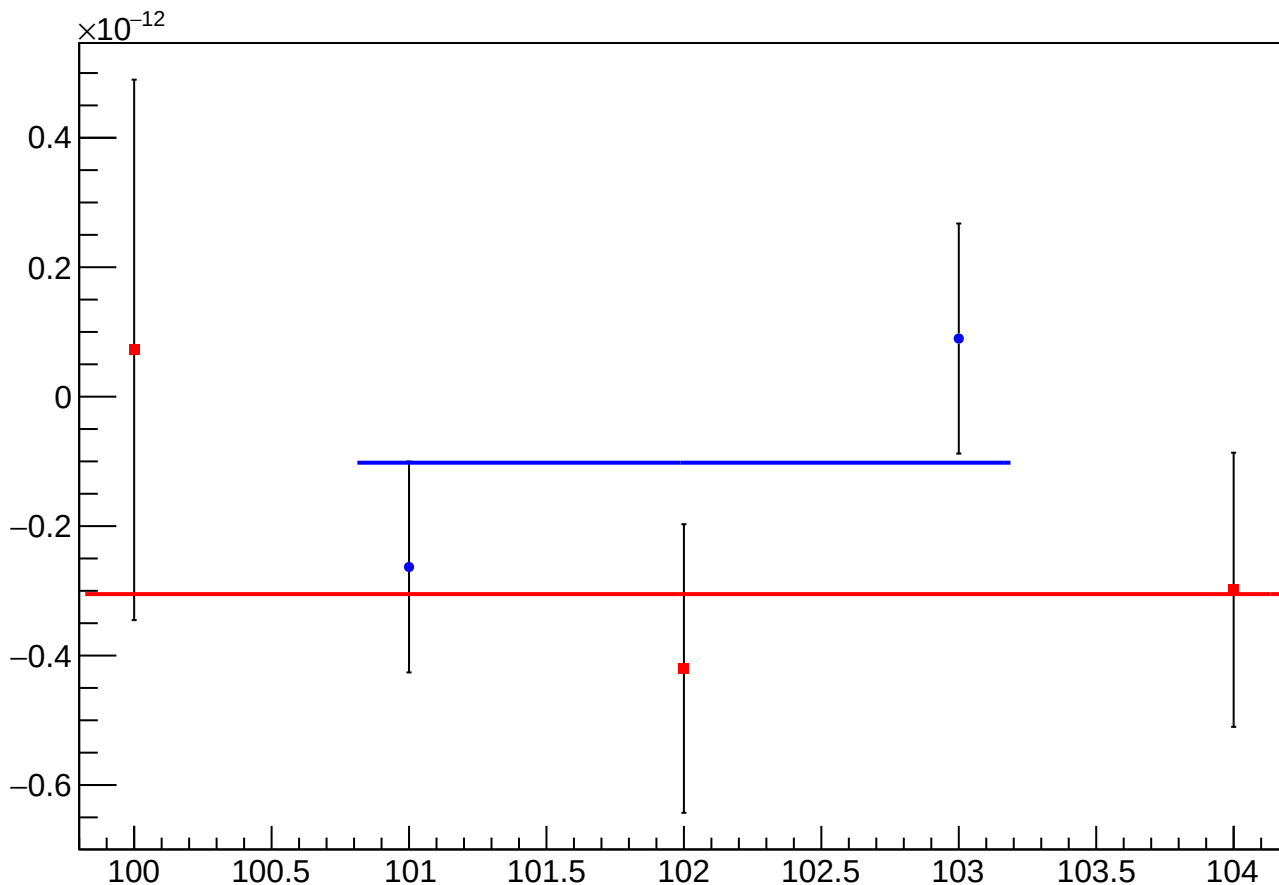
Right: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

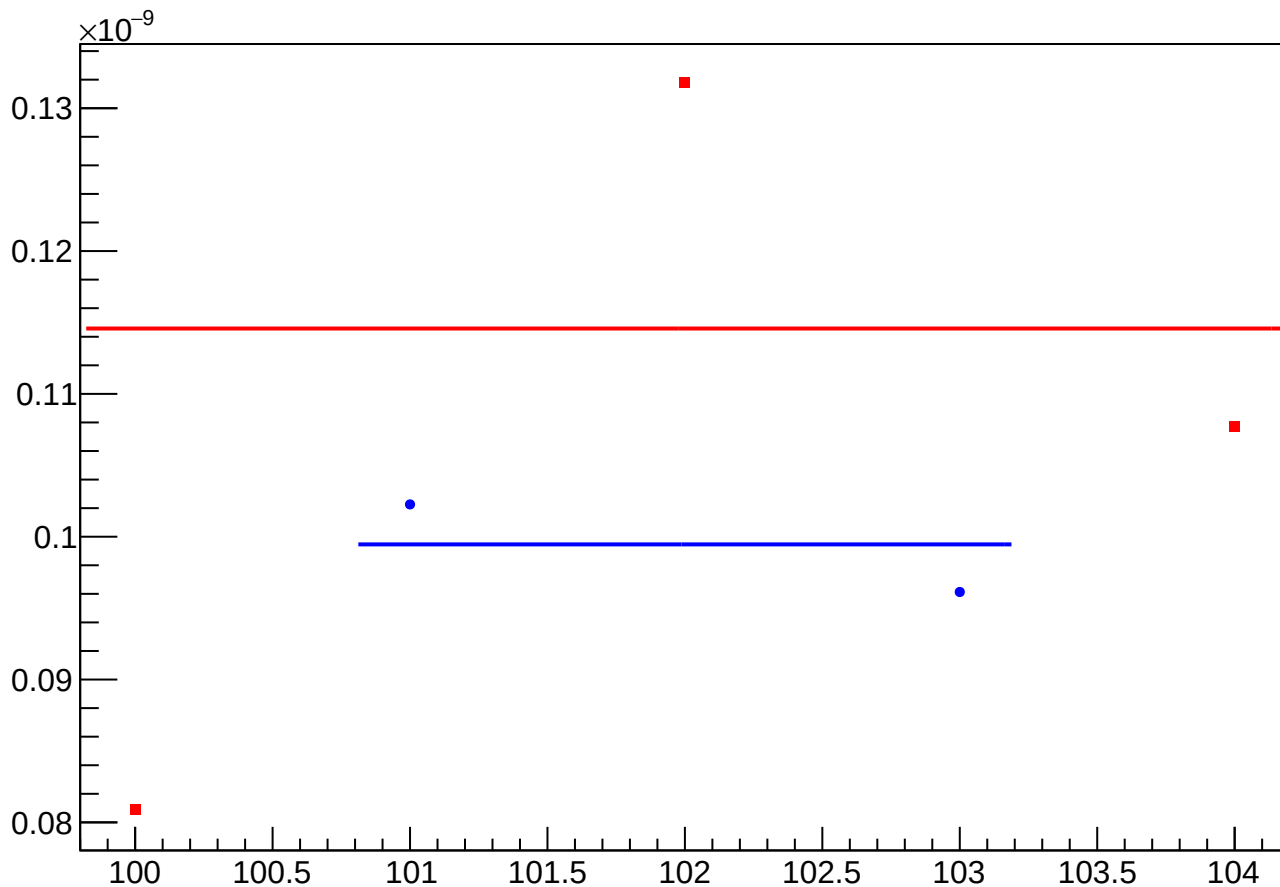
Right: -0.000+/-0.000 χ^2/NDF : 4.4/4

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 : 4.4/4

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 : 27007.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

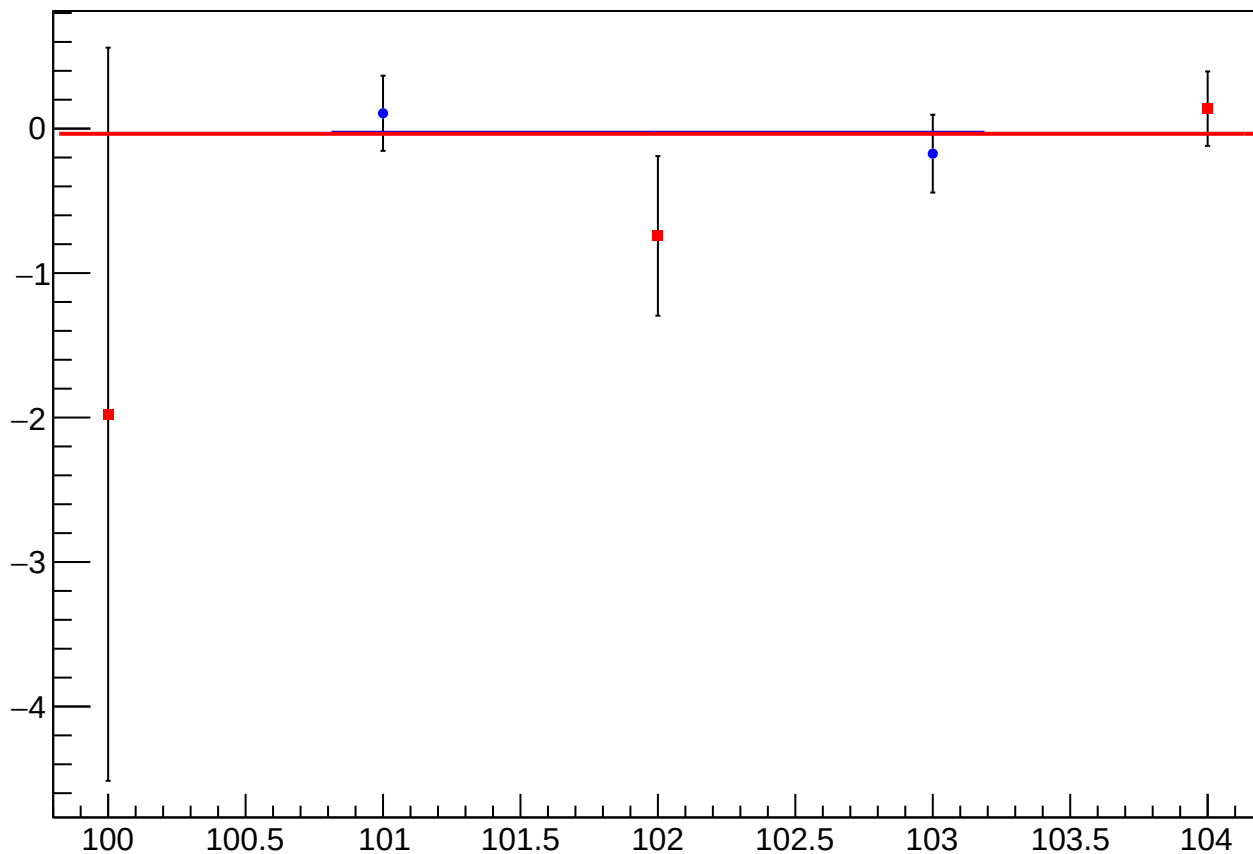
Right: 0.000+/-0.000 χ^2/NDF : 41284.9/4

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 : 41284.9/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

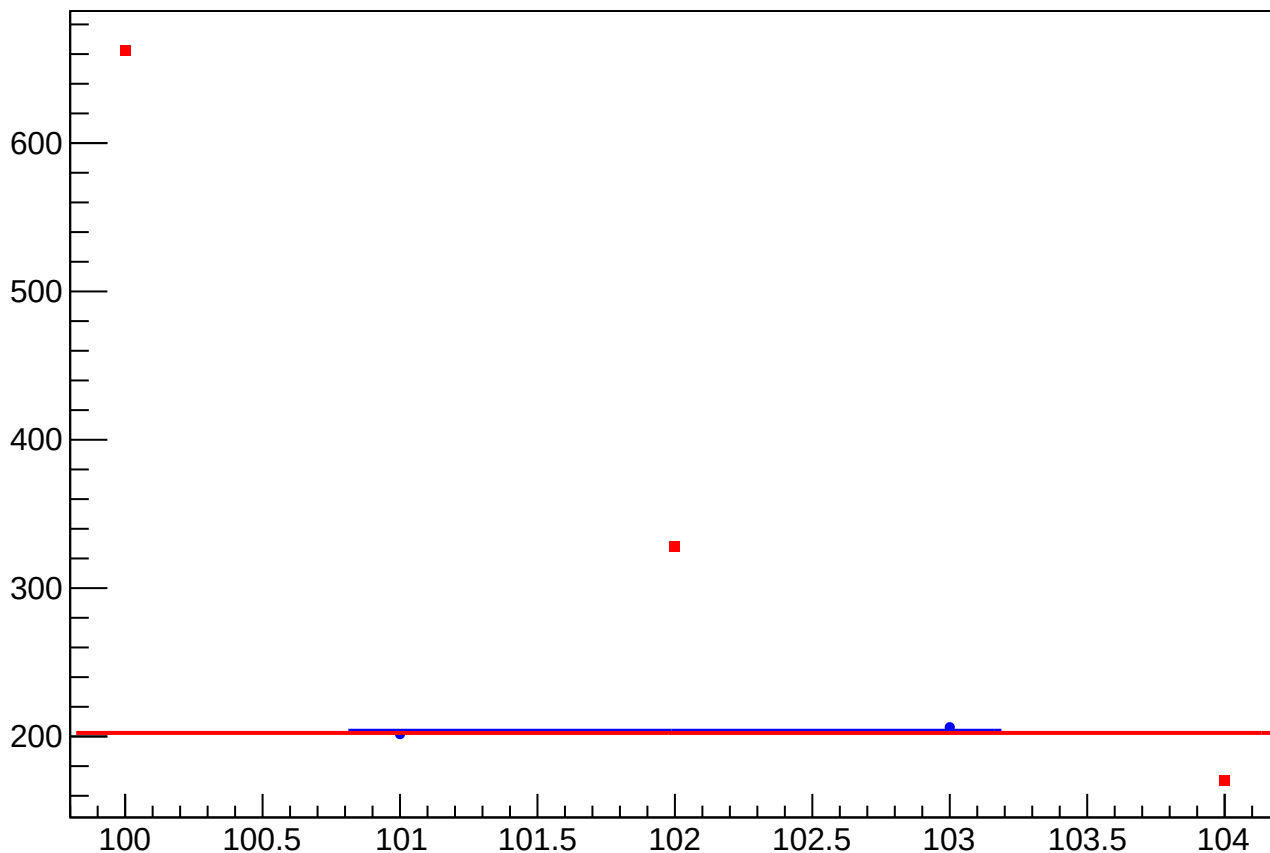
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

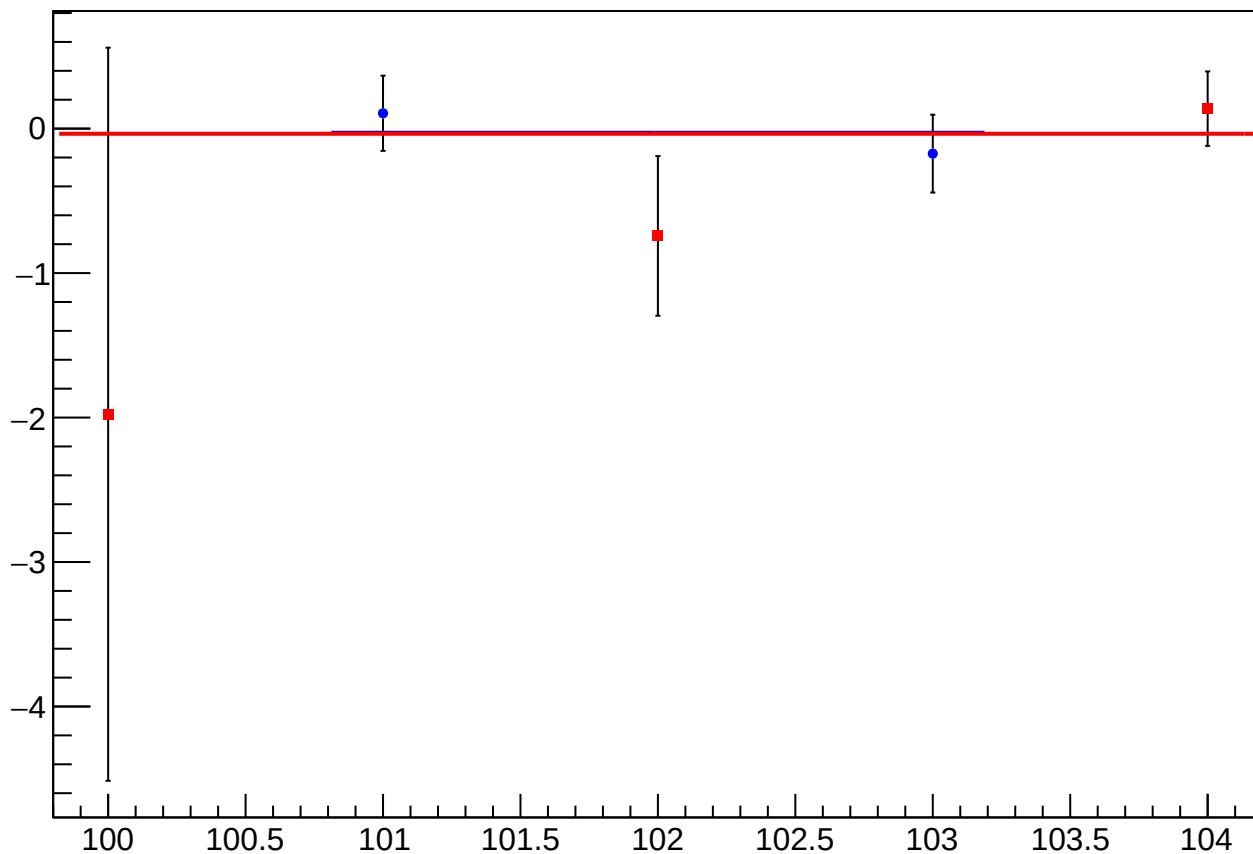
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

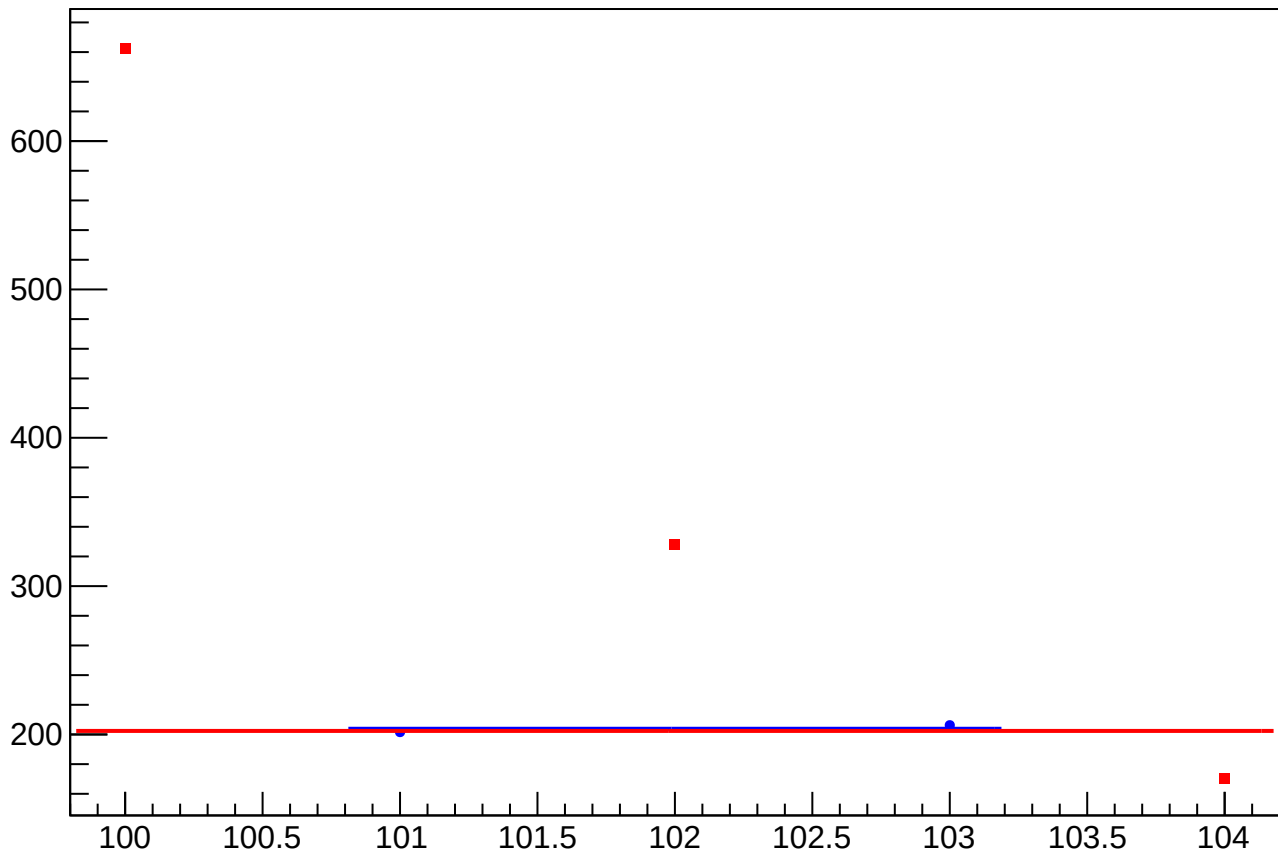
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

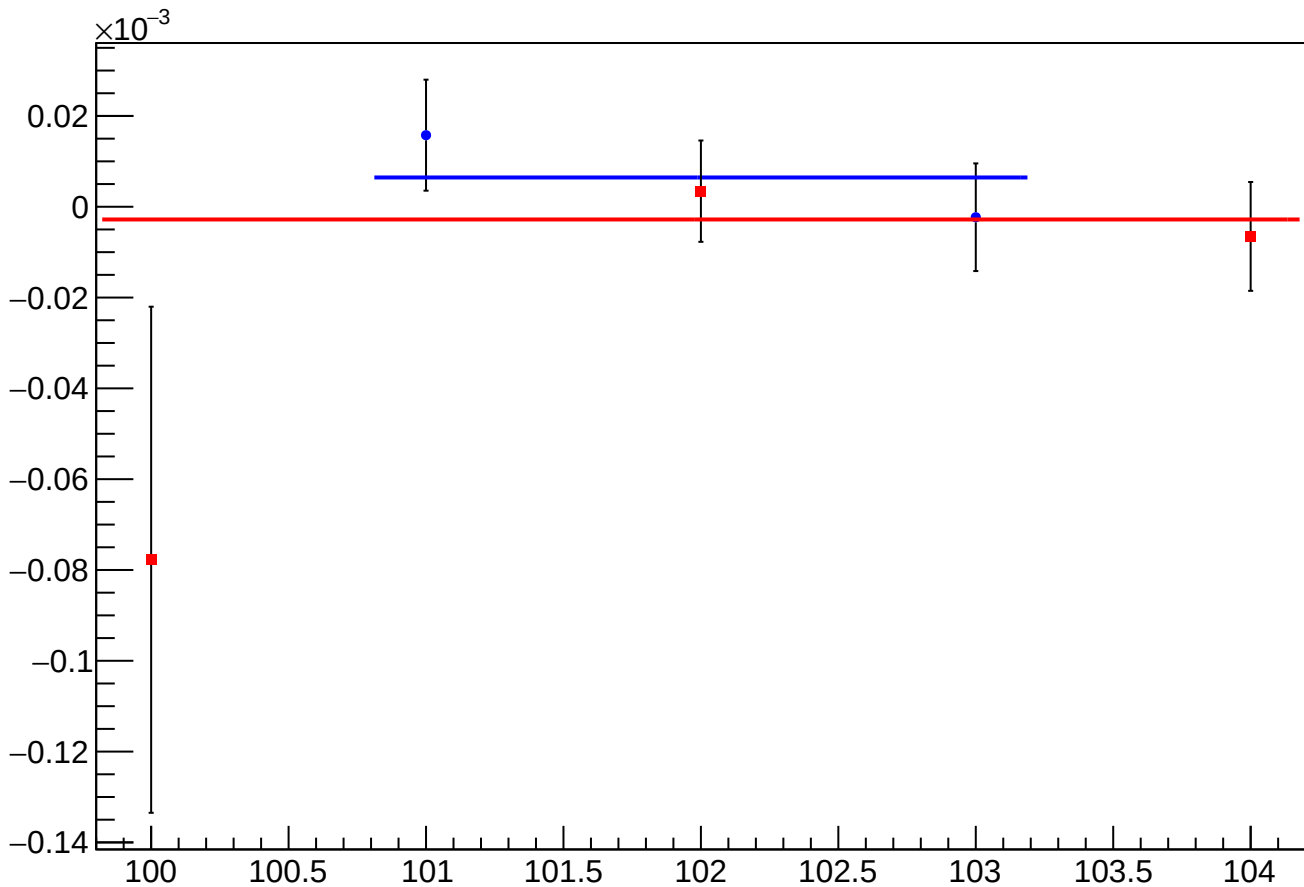
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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 : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

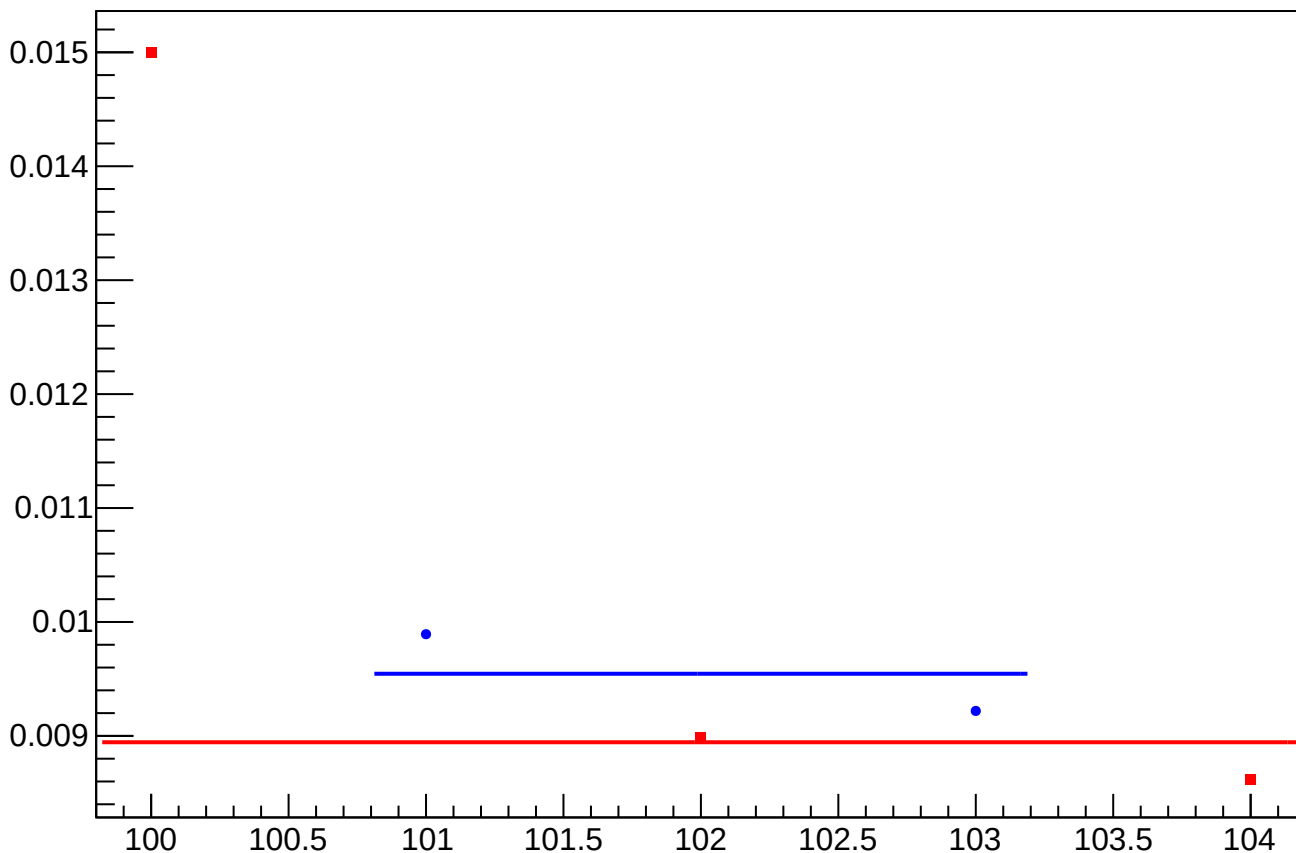
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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: 0.009+/-0.000 χ^2/NDF : 25165.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

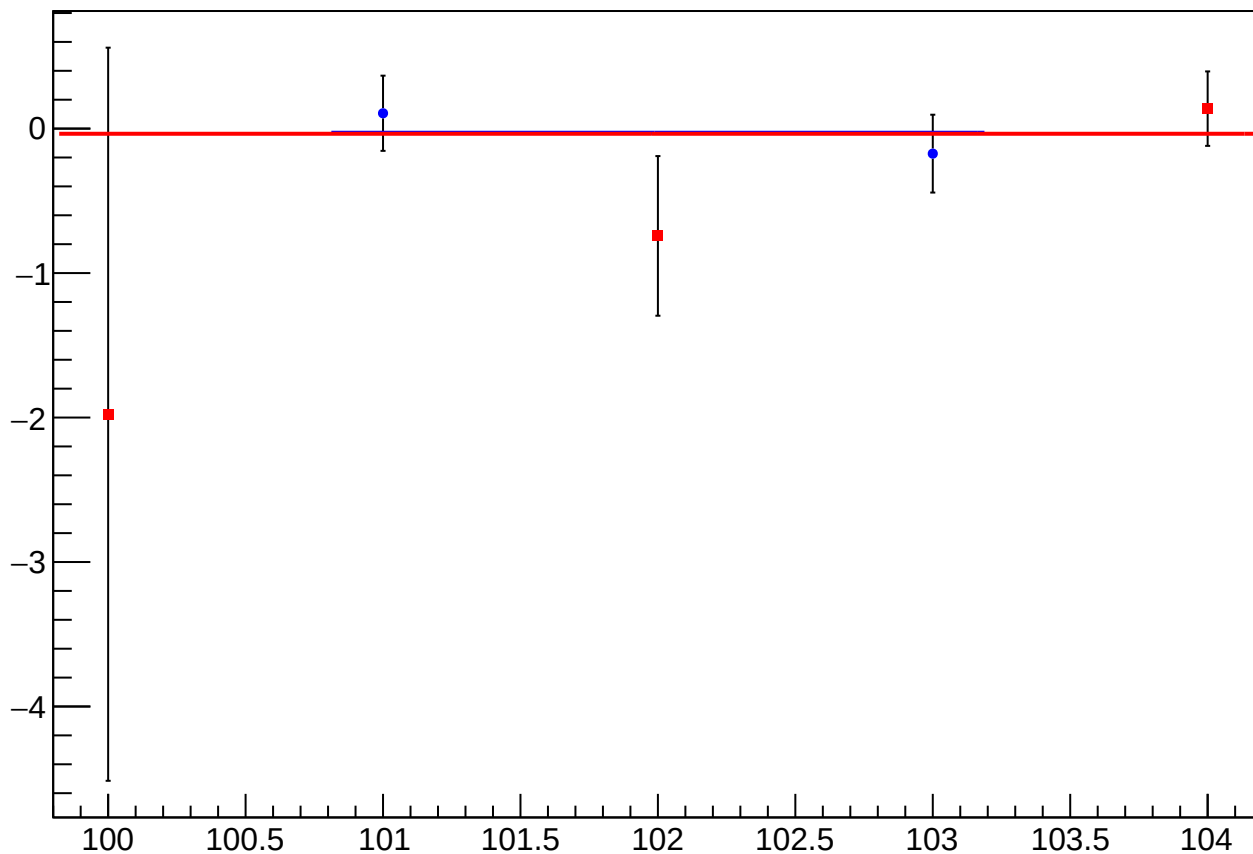
Right: 0.009+/-0.000 χ^2/NDF : 33543.7/4

In: 0.010+/-0.000 χ^2/NDF : 3128.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 33543.7/4

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 $\pm$ 0.187 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

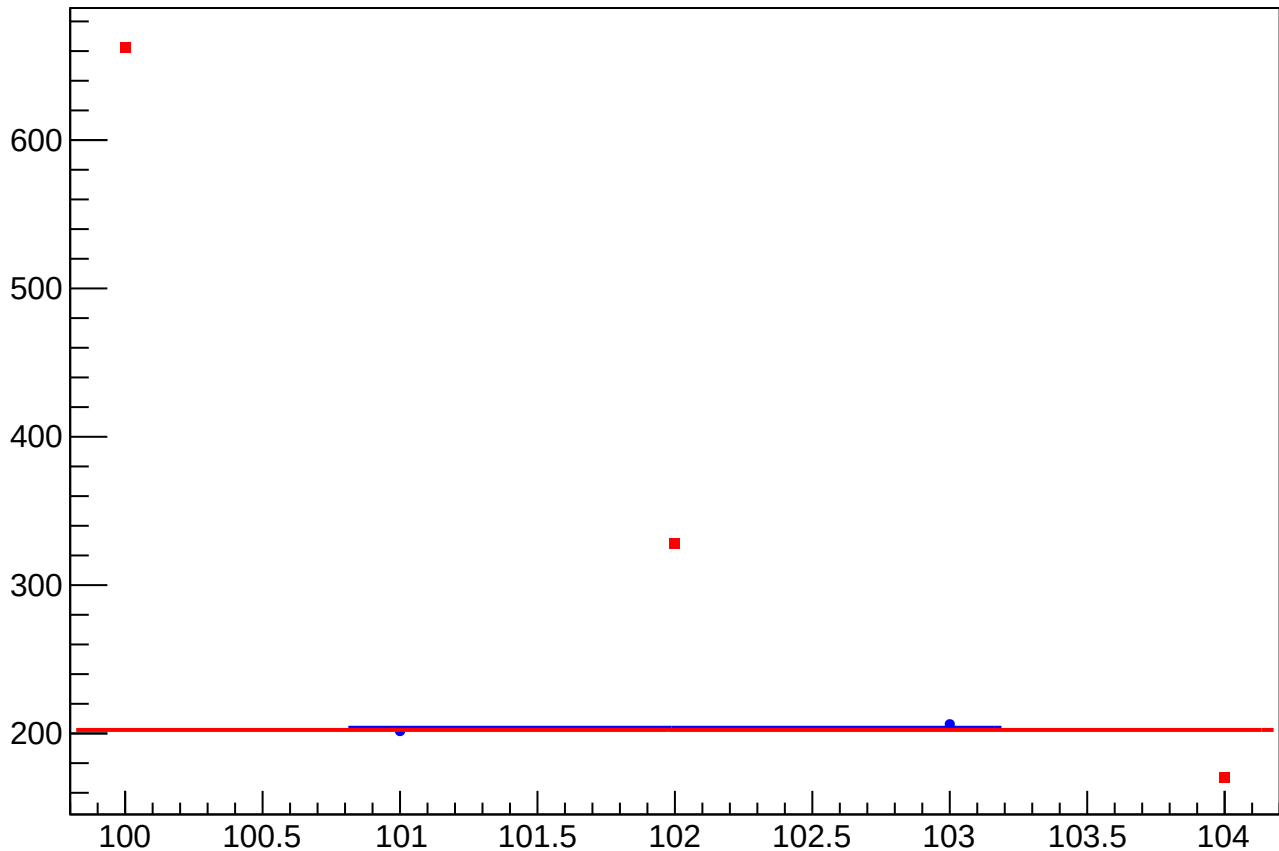
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: 202.388 $\pm$ 0.164 χ^2 /NDF: 200254.2/2

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

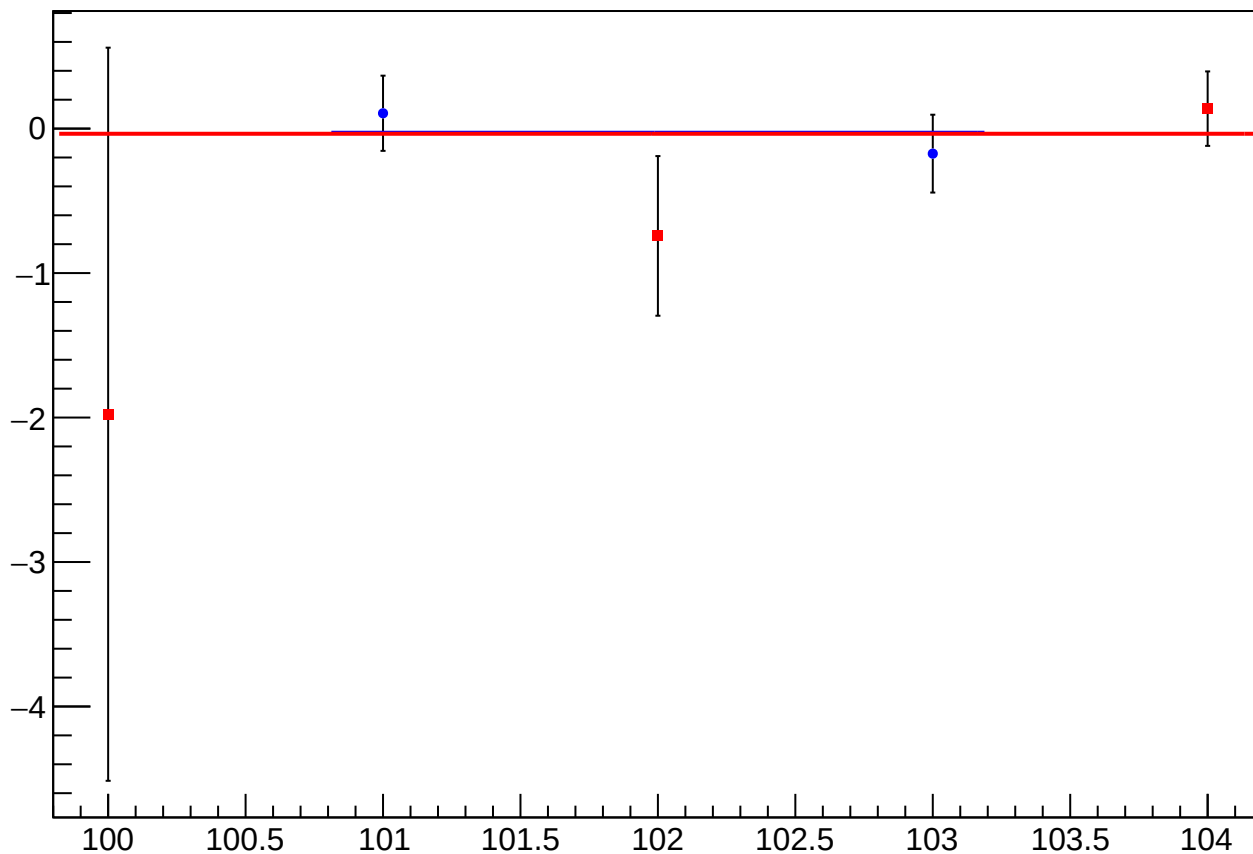
Right: 203.270 $\pm$ 0.103 χ^2 /NDF: 200610.6/4

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: 203.270 $\pm$ 0.103 χ^2 /NDF: 200610.6/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

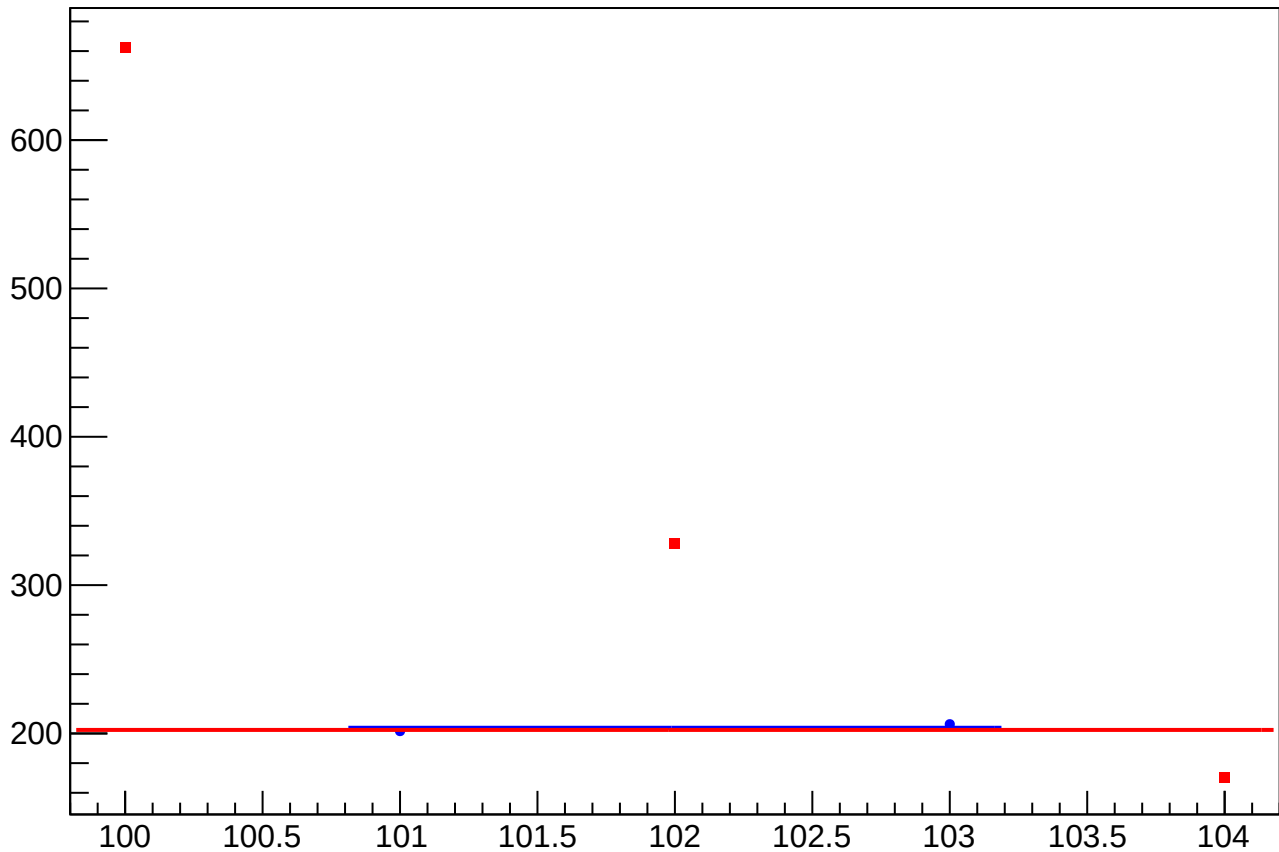
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_atl_dd_atr_dd_avg_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: 202.388+/-0.164 χ^2/NDF : 200254.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

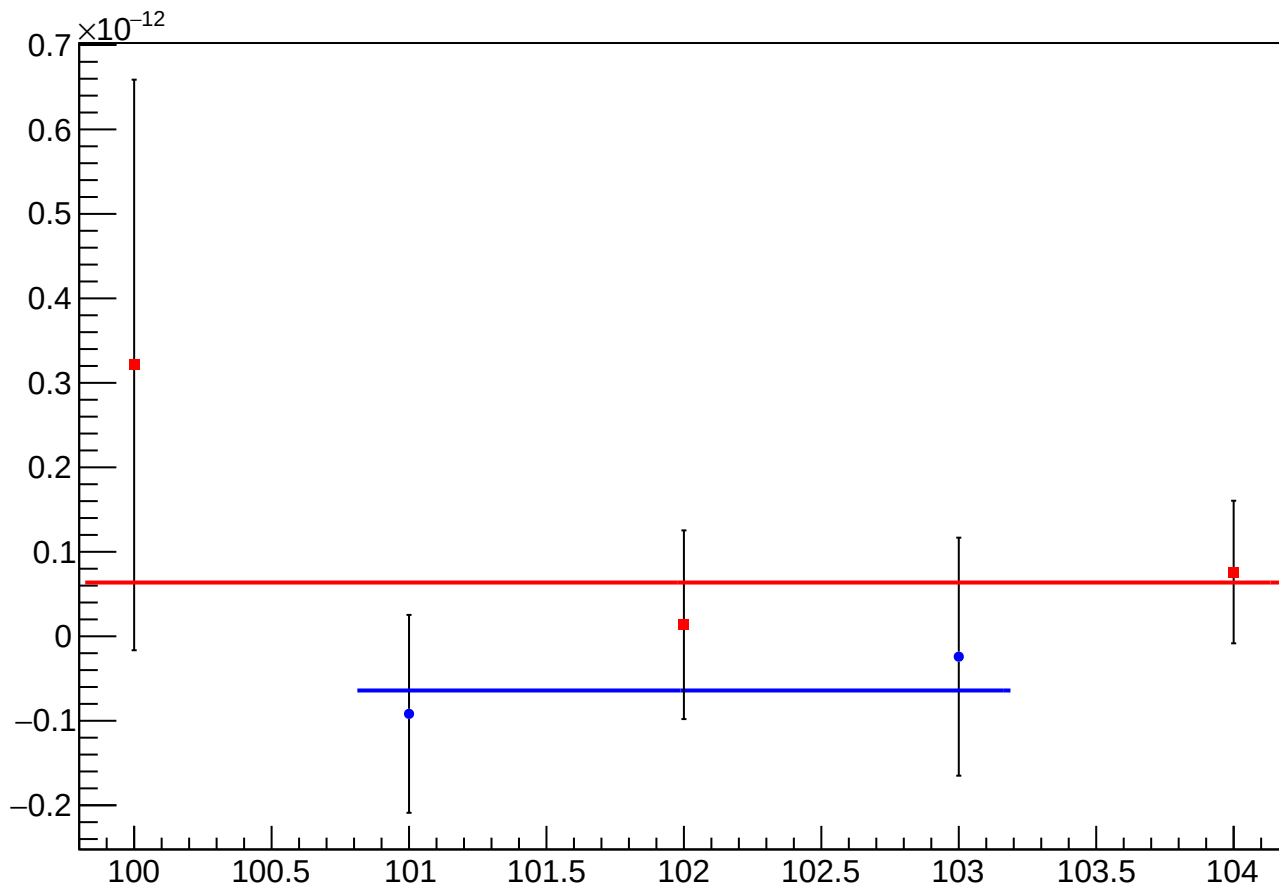
Right: 203.270+/-0.103 χ^2/NDF : 200610.6/4

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.270+/-0.103 χ^2/NDF : 200610.6/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

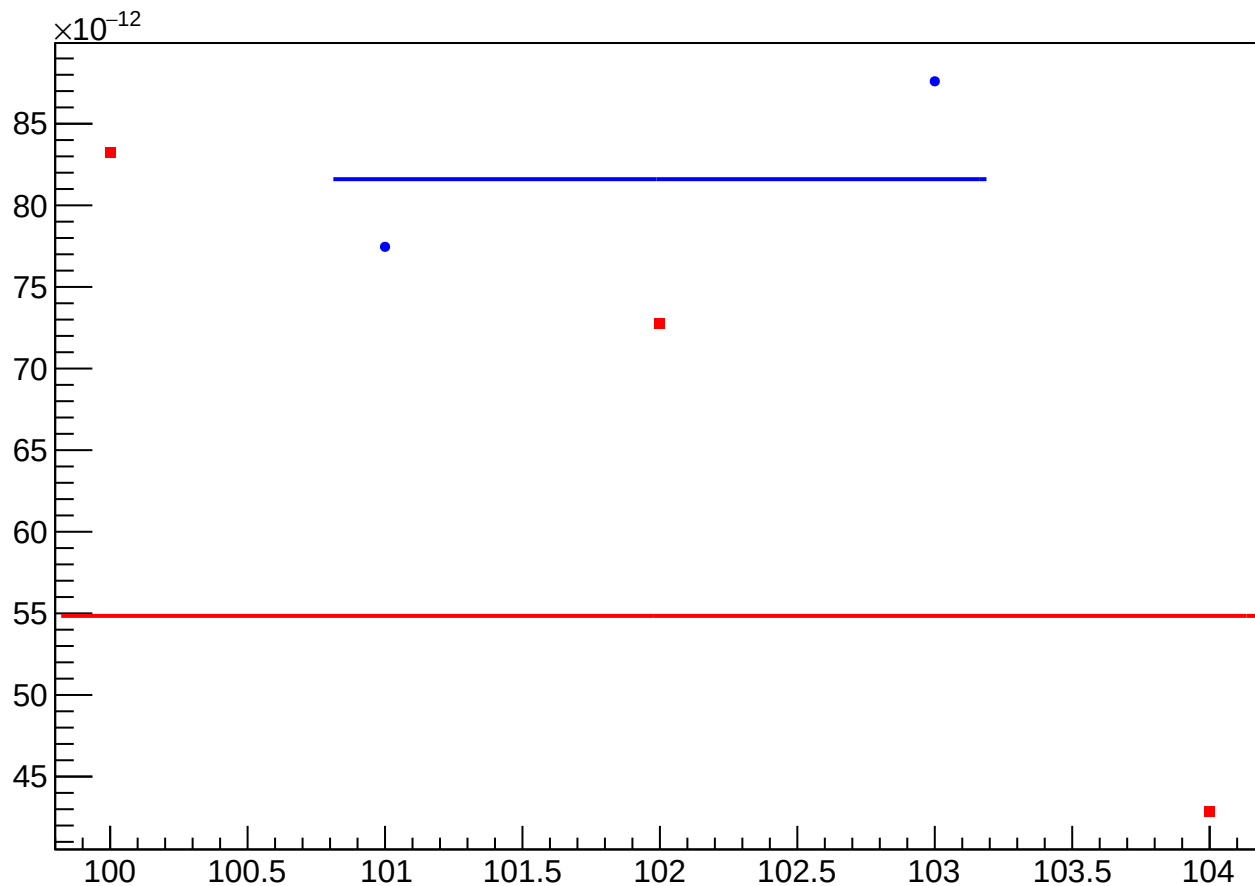
Right: 0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 2.2/4

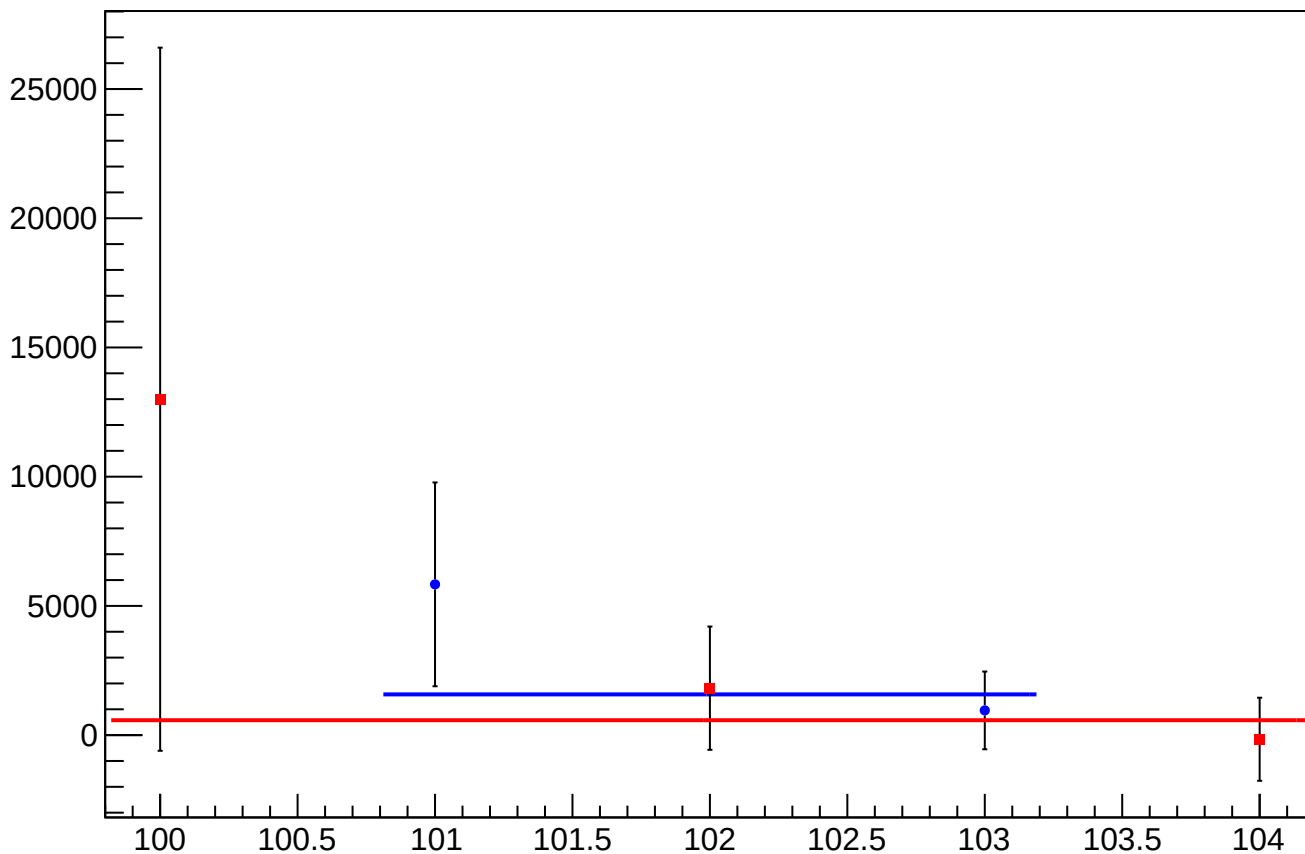
asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 106123.5/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 227082.9/4
 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 : 227082.9/4

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: 576.934+/-1326.459 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

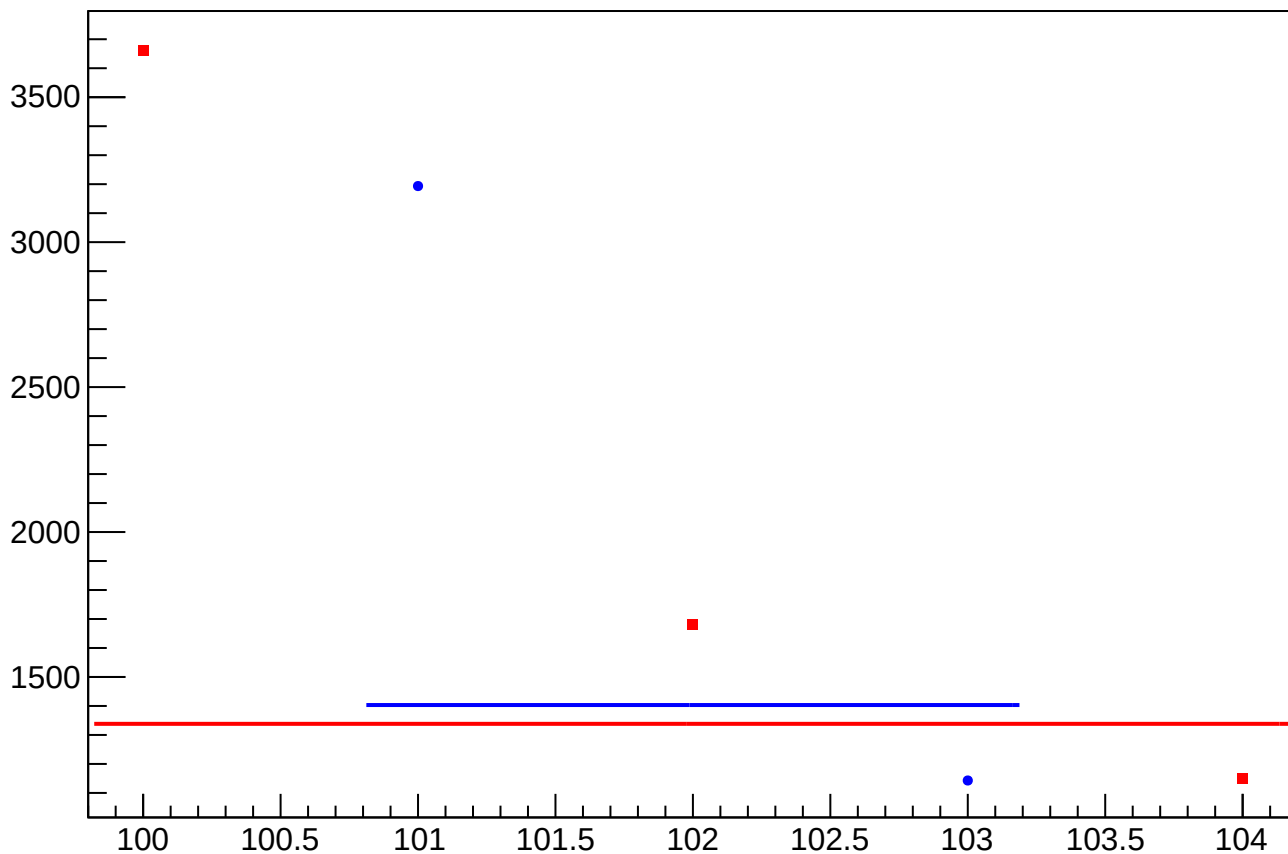
Right: 1047.915+/-964.514 χ^2/NDF : 2.9/4

In: 1576.309+/-1404.983 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.915+/-964.514 χ^2/NDF : 2.9/4

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: 1338.339+/-0.938 χ^2/NDF : 126853.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

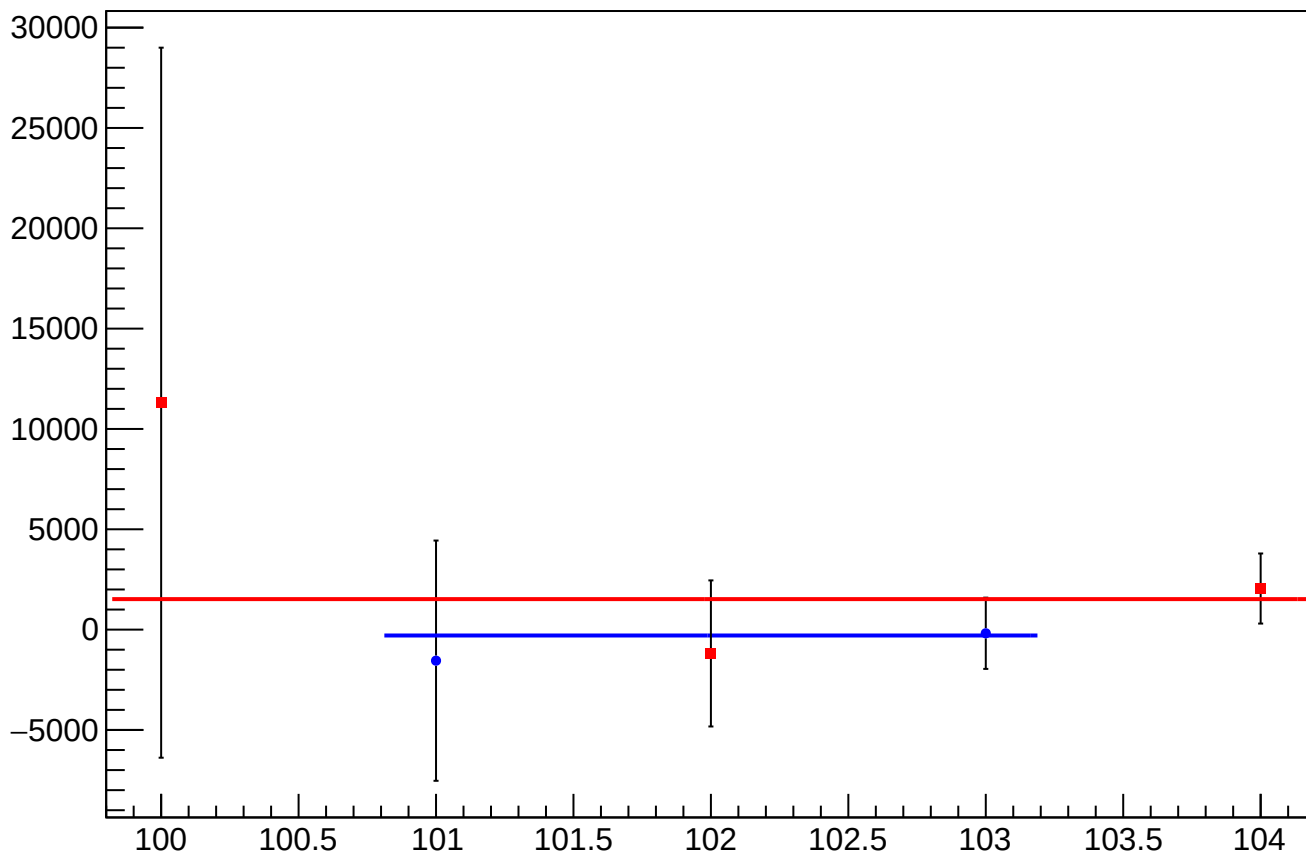
Right: 1368.915+/-0.682 χ^2/NDF : 601287.9/4

In: 1403.218+/-0.993 χ^2/NDF : 472179.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.915+/-0.682 χ^2/NDF : 601287.9/4

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: 1520.117+/-1568.127 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

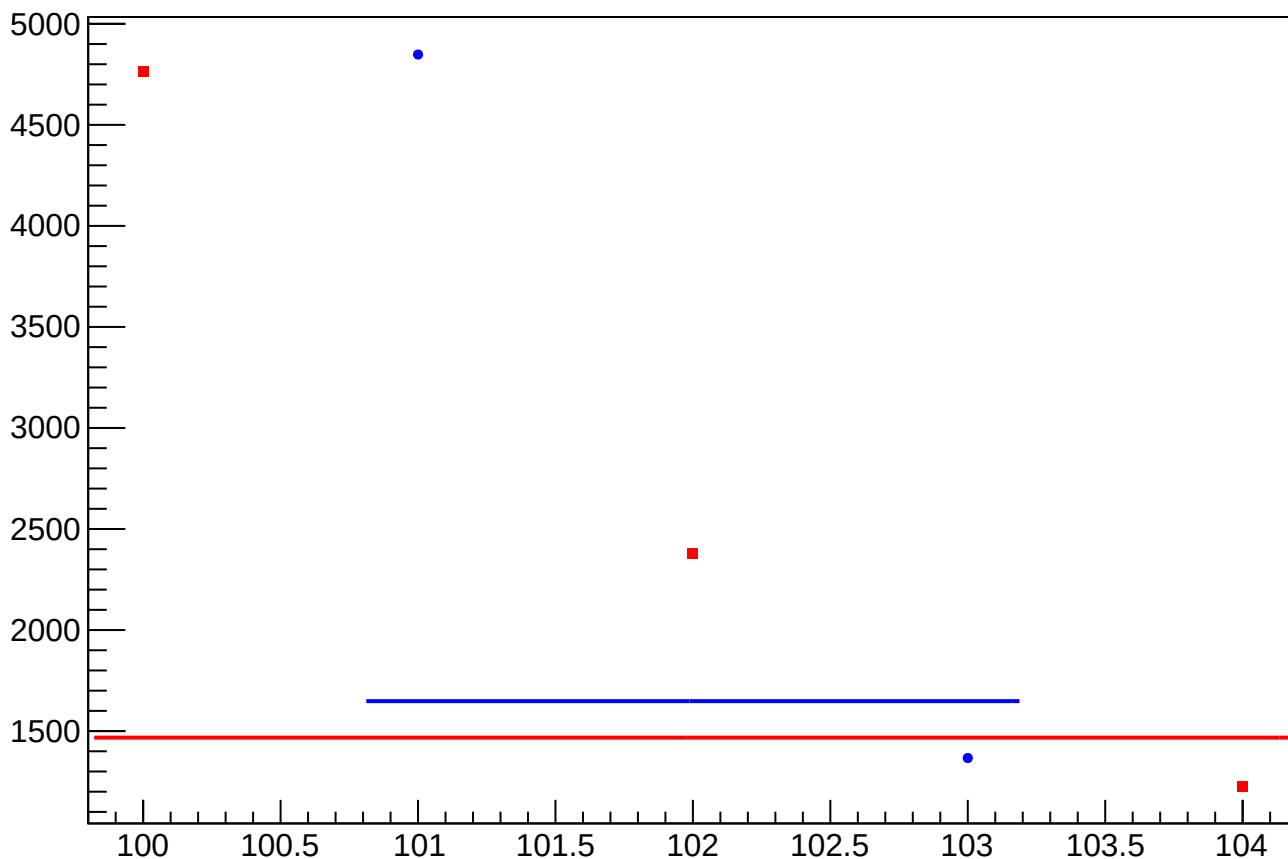
Right: 687.658+/-1153.276 χ^2/NDF : 1.6/4

In: -293.059+/-1702.048 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.658+/-1153.276 χ^2/NDF : 1.6/4

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: 1467.507+/-1.109 χ^2/NDF : 233381.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

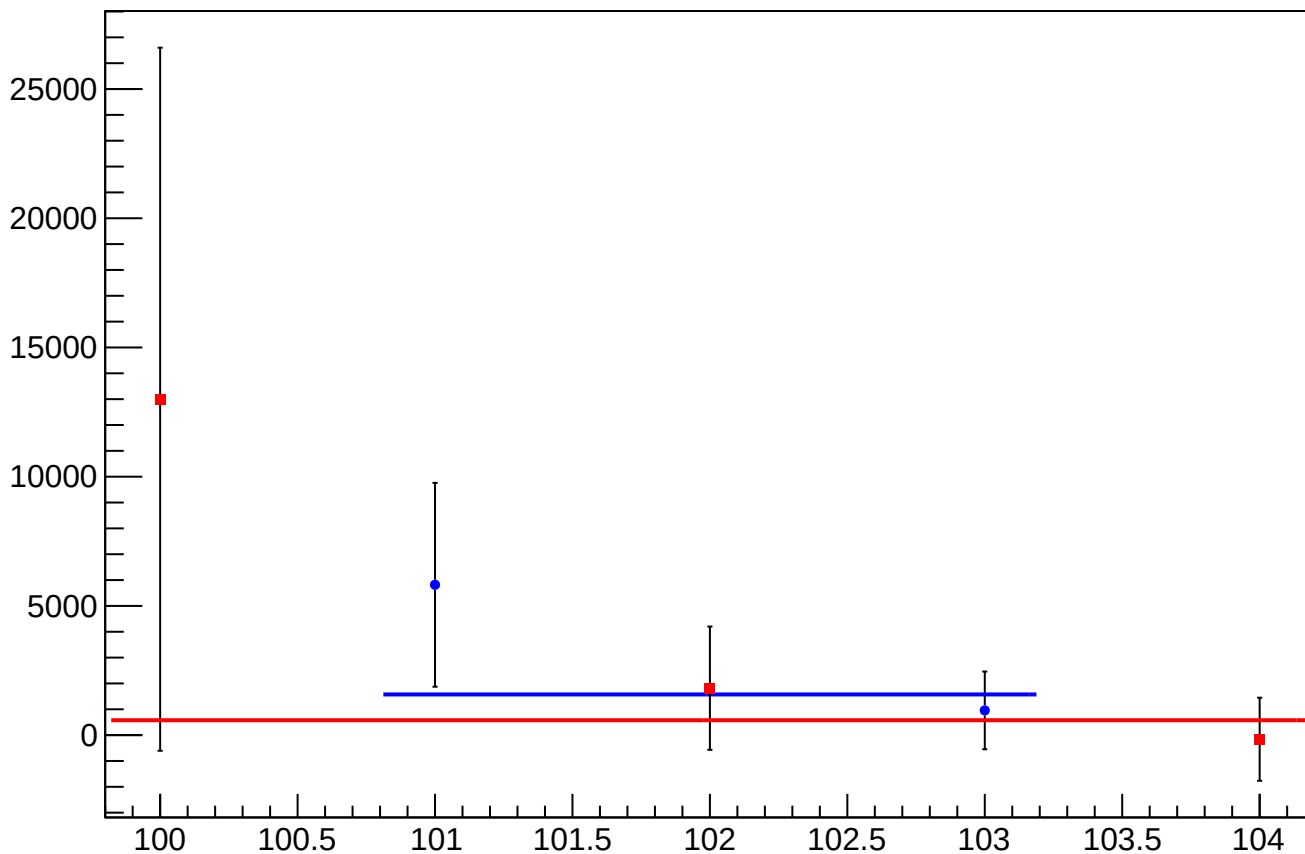
Right: 1550.466+/-0.815 χ^2/NDF : 867304.5/4

In: 1648.199+/-1.204 χ^2/NDF : 621731.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.466+/-0.815 χ^2/NDF : 867304.5/4

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: 576.684+/-1326.459 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

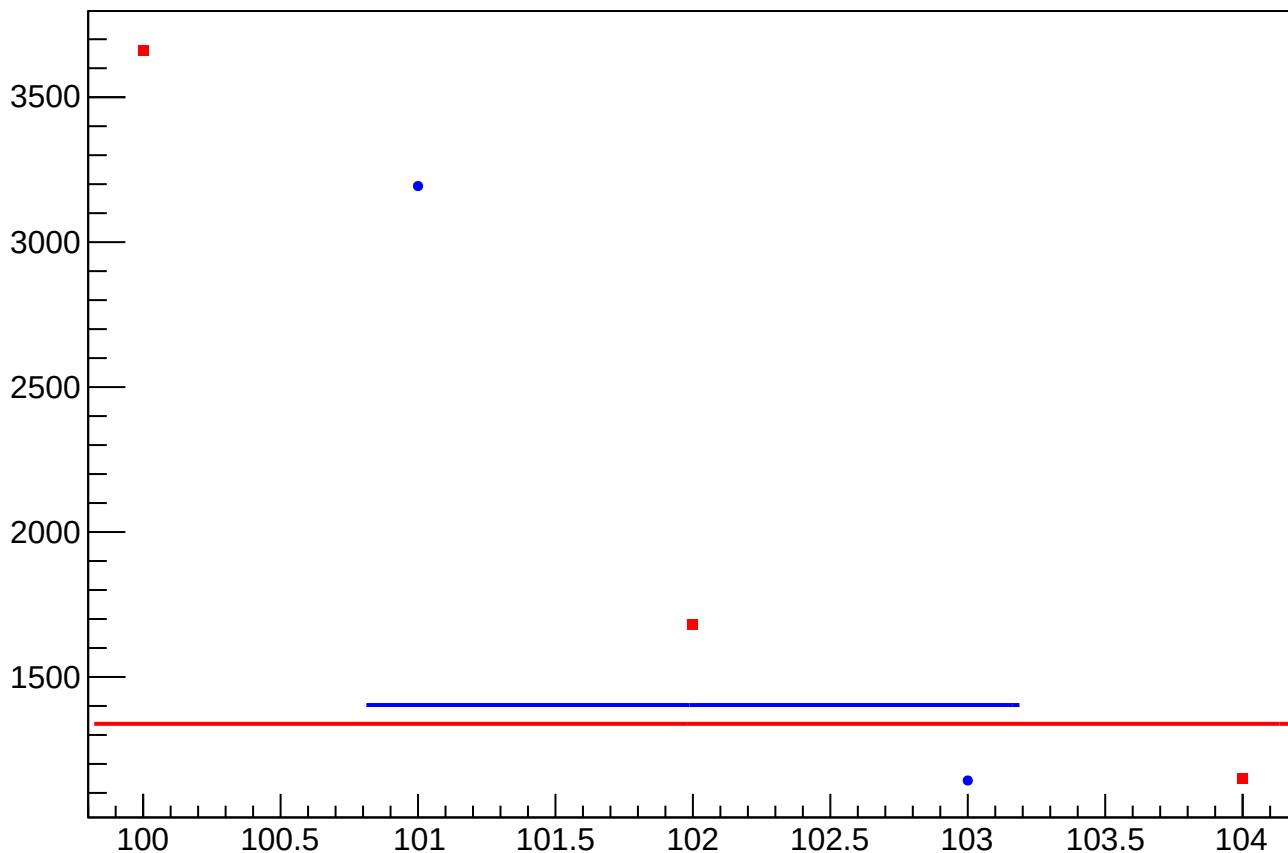
Right: 1046.829+/-964.515 χ^2/NDF : 2.9/4

In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.829+/-964.515 χ^2/NDF : 2.9/4

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: 1338.338+/-0.938 χ^2/NDF : 126853.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

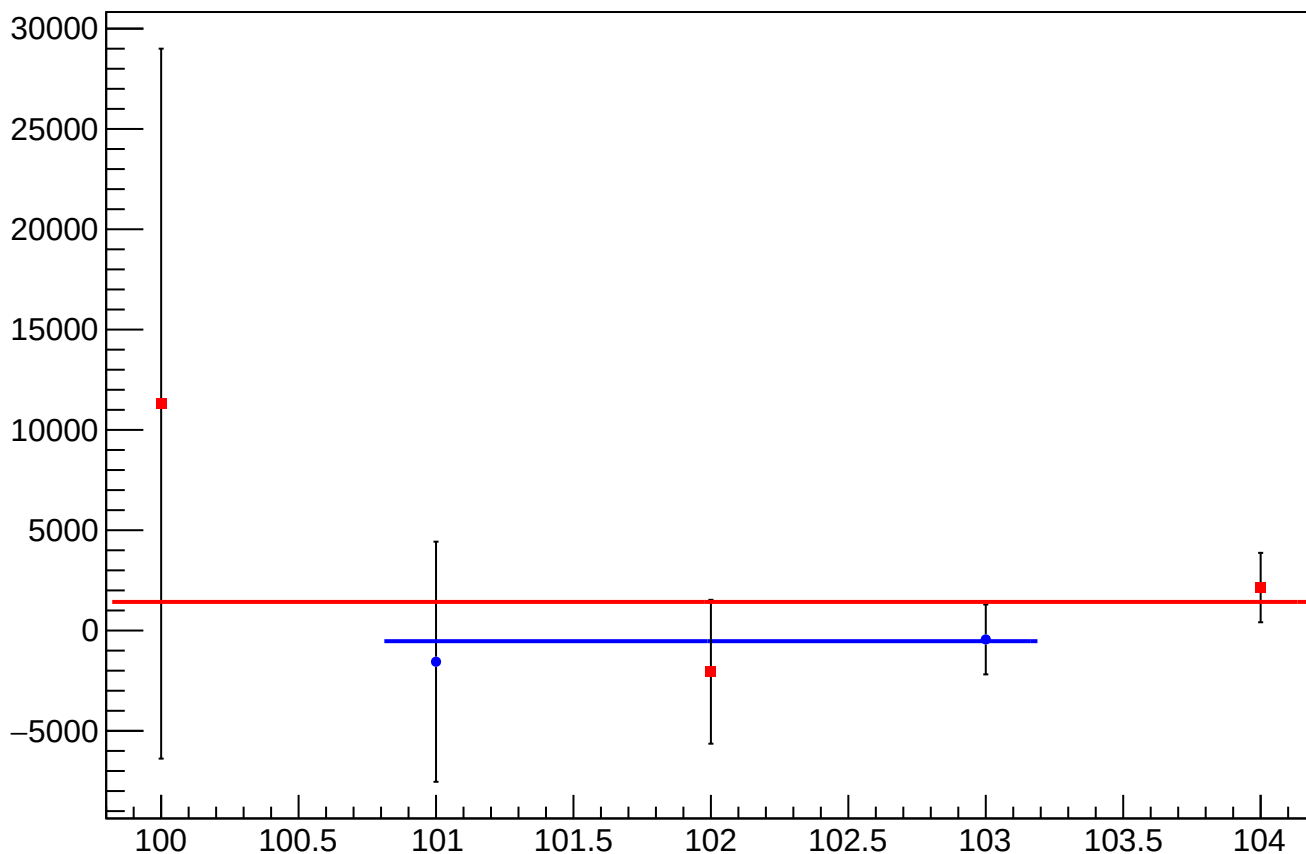
Right: 1368.914+/-0.682 χ^2/NDF : 601289.1/4

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.914+/-0.682 χ^2/NDF : 601289.1/4

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: 1426.478+/-1551.975 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

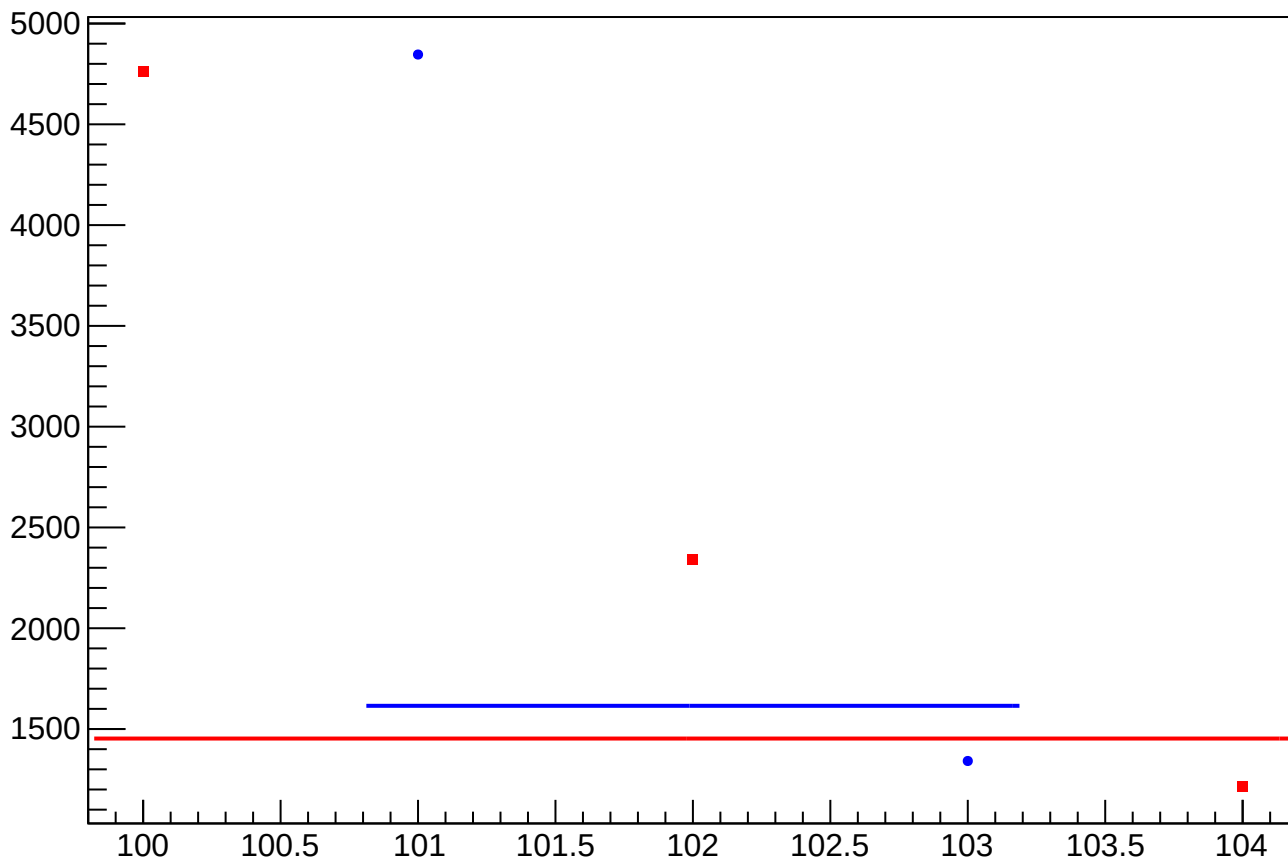
Right: 521.021+/-1137.528 χ^2/NDF : 2.2/4

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.021+/-1137.528 χ^2/NDF : 2.2/4

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: 1452.806+/-1.097 χ^2/NDF : 230330.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

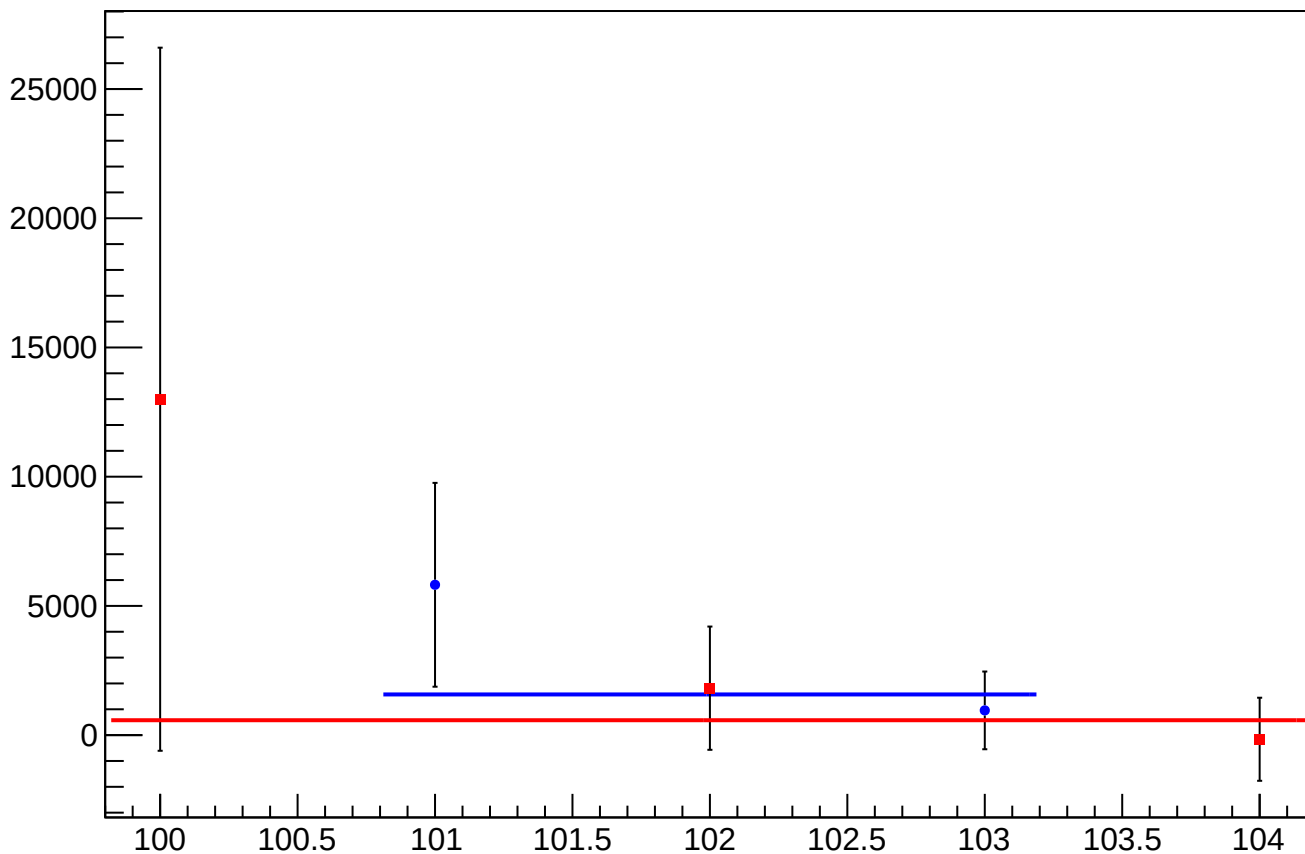
Right: 1527.942+/-0.804 χ^2/NDF : 872946.4/4

In: 1615.165+/-1.182 χ^2/NDF : 632486.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.942+/-0.804 χ^2/NDF : 872946.4/4

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: 576.684+/-1326.459 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

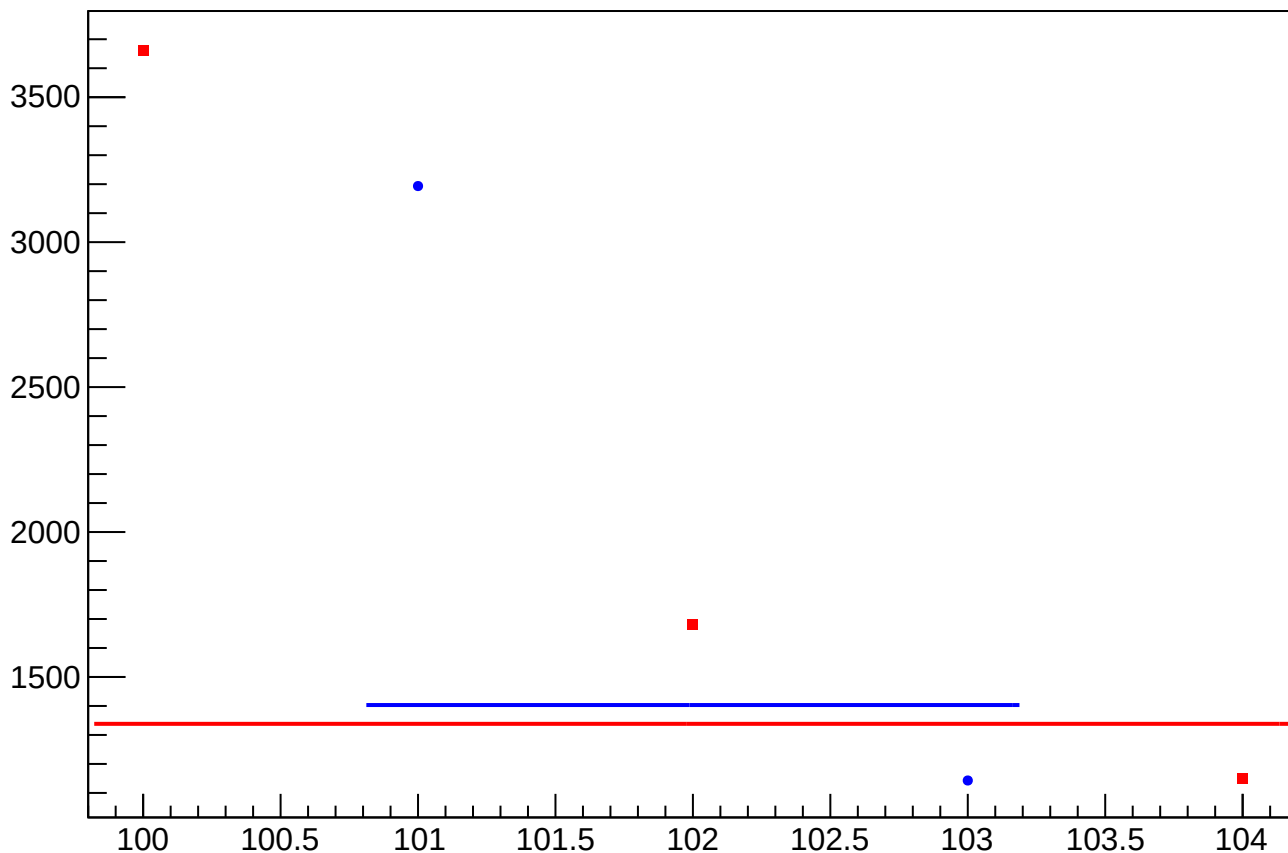
Right: 1046.829+/-964.515 χ^2/NDF : 2.9/4

In: 1574.287+/-1404.985 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1046.829+/-964.515 χ^2/NDF : 2.9/4

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: 1338.338+/-0.938 χ^2/NDF : 126853.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

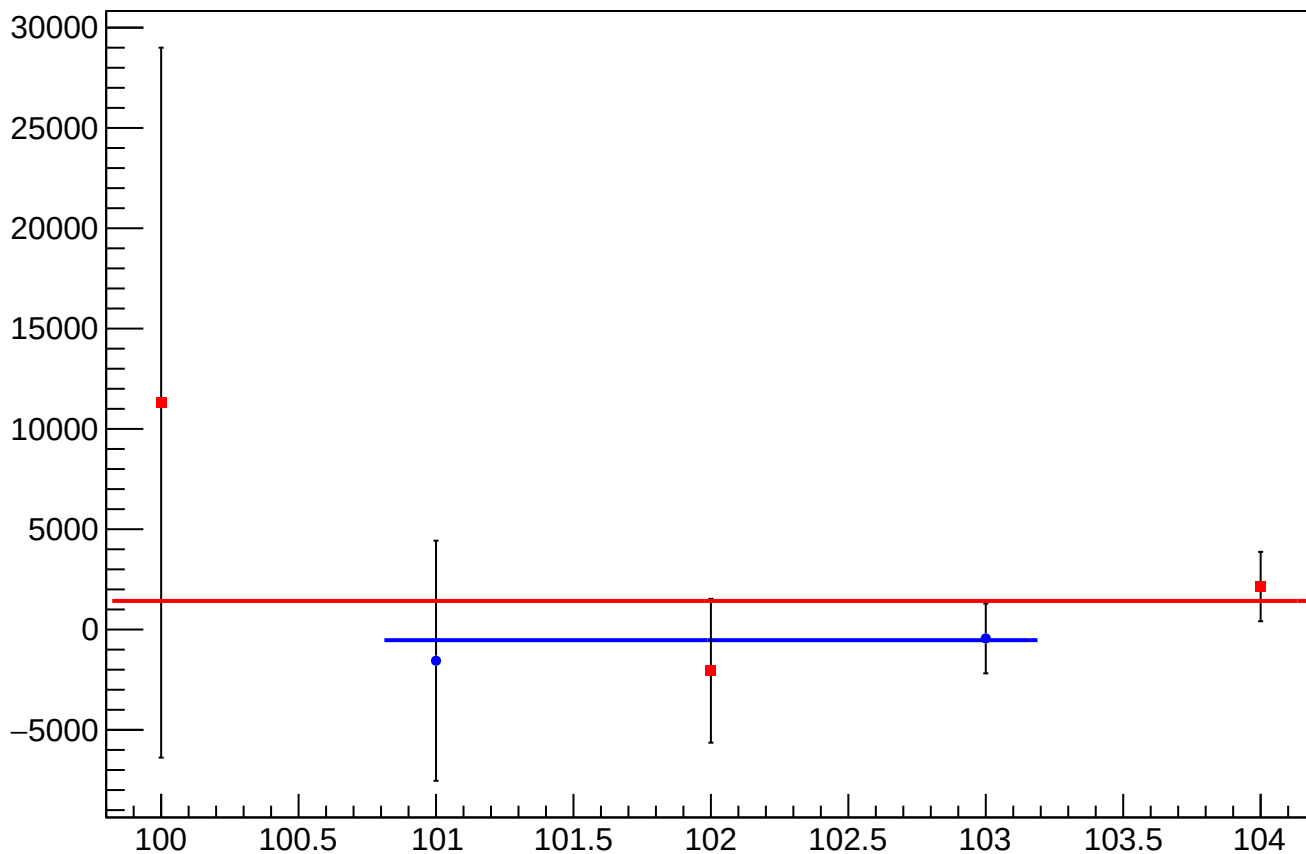
Right: 1368.914+/-0.682 χ^2/NDF : 601289.1/4

In: 1403.217+/-0.993 χ^2/NDF : 472181.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.914+/-0.682 χ^2/NDF : 601289.1/4

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: 1426.478+/-1551.975 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

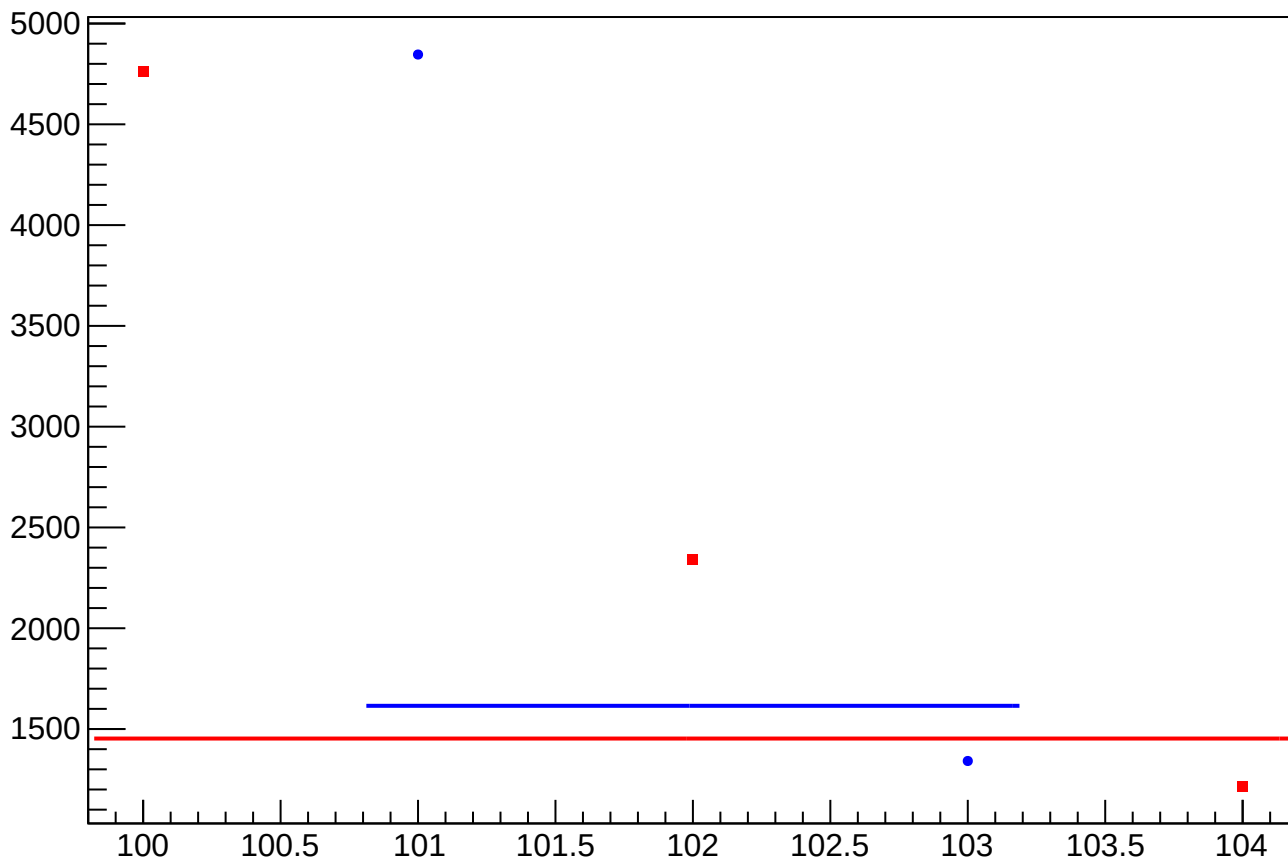
Right: 521.021+/-1137.528 χ^2/NDF : 2.2/4

In: -530.097+/-1672.156 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.021+/-1137.528 χ^2/NDF : 2.2/4

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.165 $\pm$ 1.182 χ^2 /NDF: 632486.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1452.806 $\pm$ 1.097 χ^2 /NDF: 230330.4/2

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

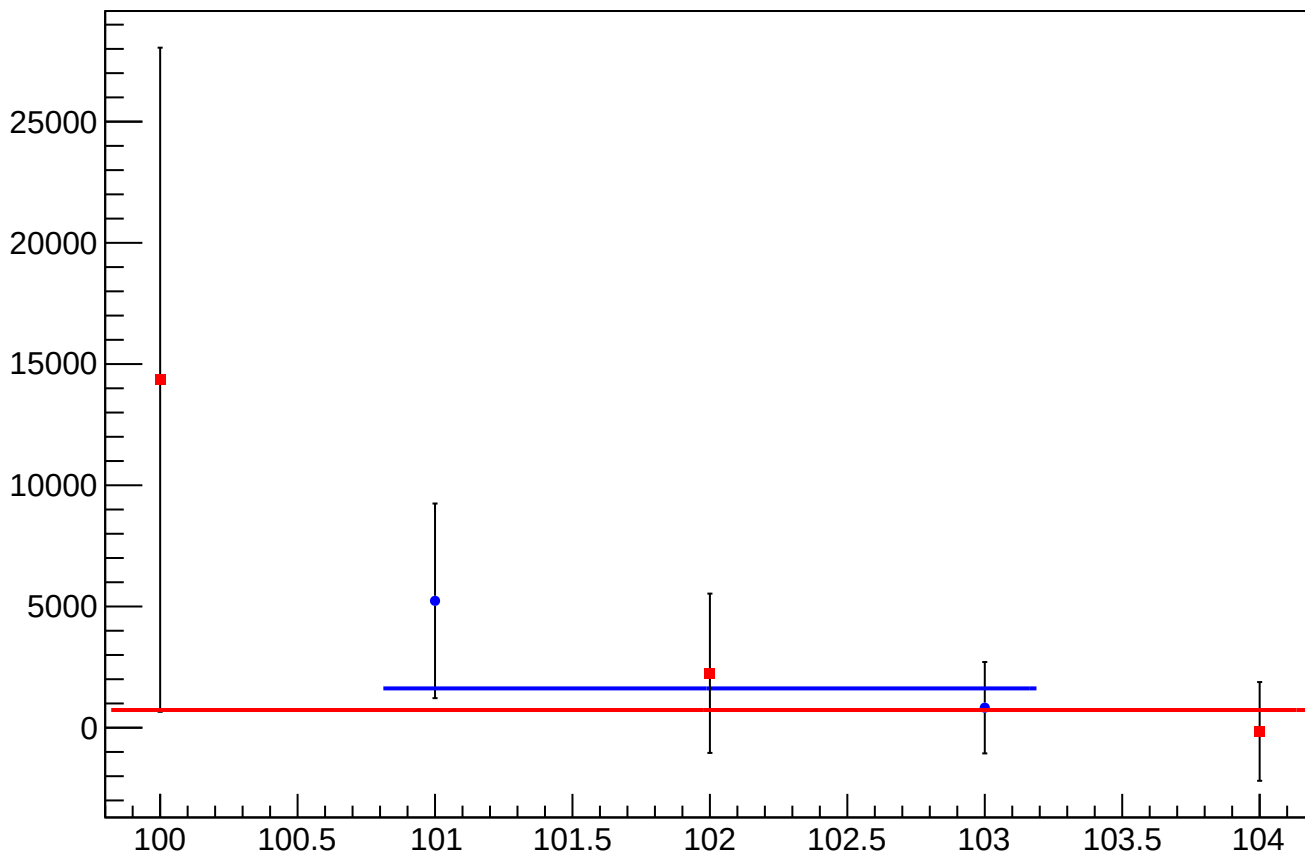
Right: 1527.942 $\pm$ 0.804 χ^2 /NDF: 872946.4/4

In: 1615.165 $\pm$ 1.182 χ^2 /NDF:632486.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1527.942 $\pm$ 0.804 χ^2 /NDF: 872946.4/4

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: 730.045+/-1717.243 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

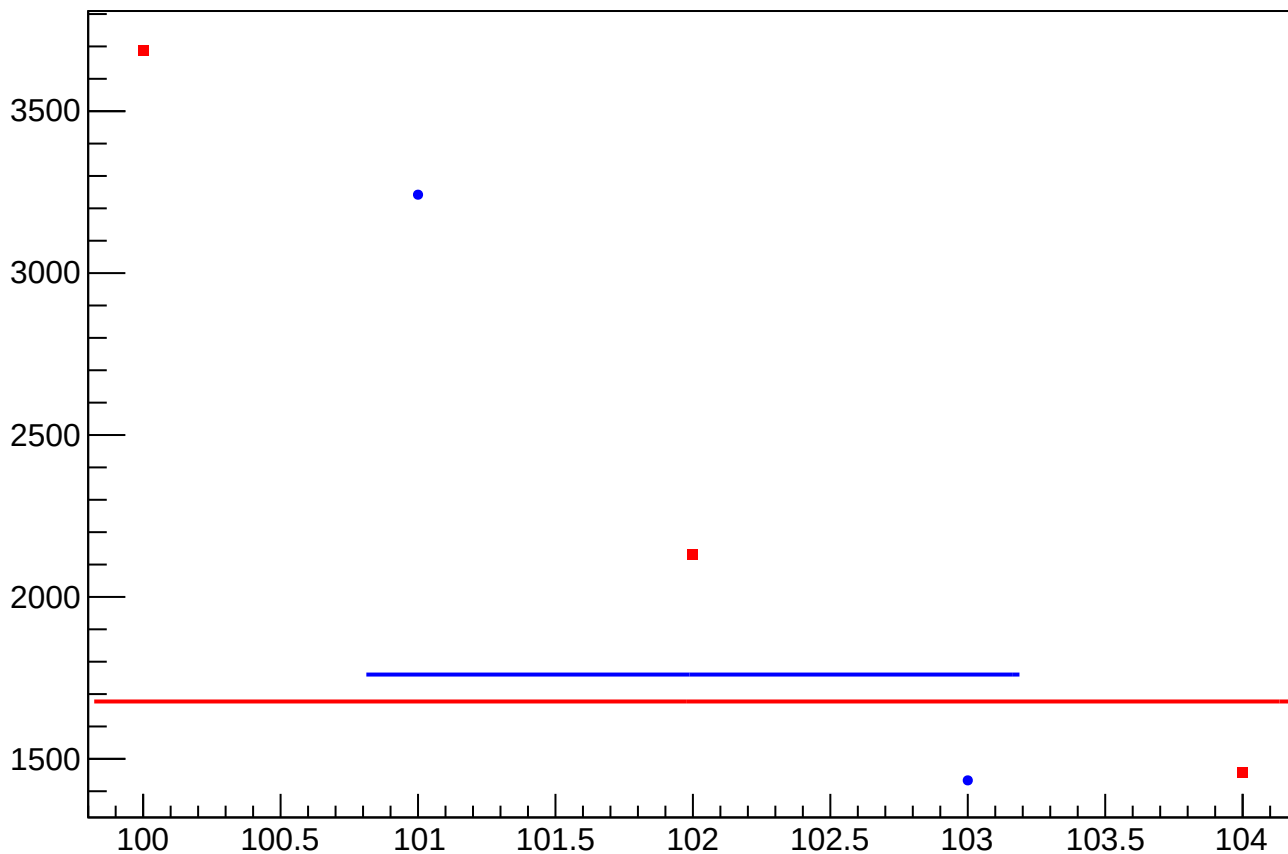
Right: 1178.618+/-1210.320 χ^2/NDF : 2.5/4

In: 1621.397+/-1706.114 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.618+/-1210.320 χ^2/NDF : 2.5/4

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: 1677.153+/-1.214 χ^2/NDF : 104346.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

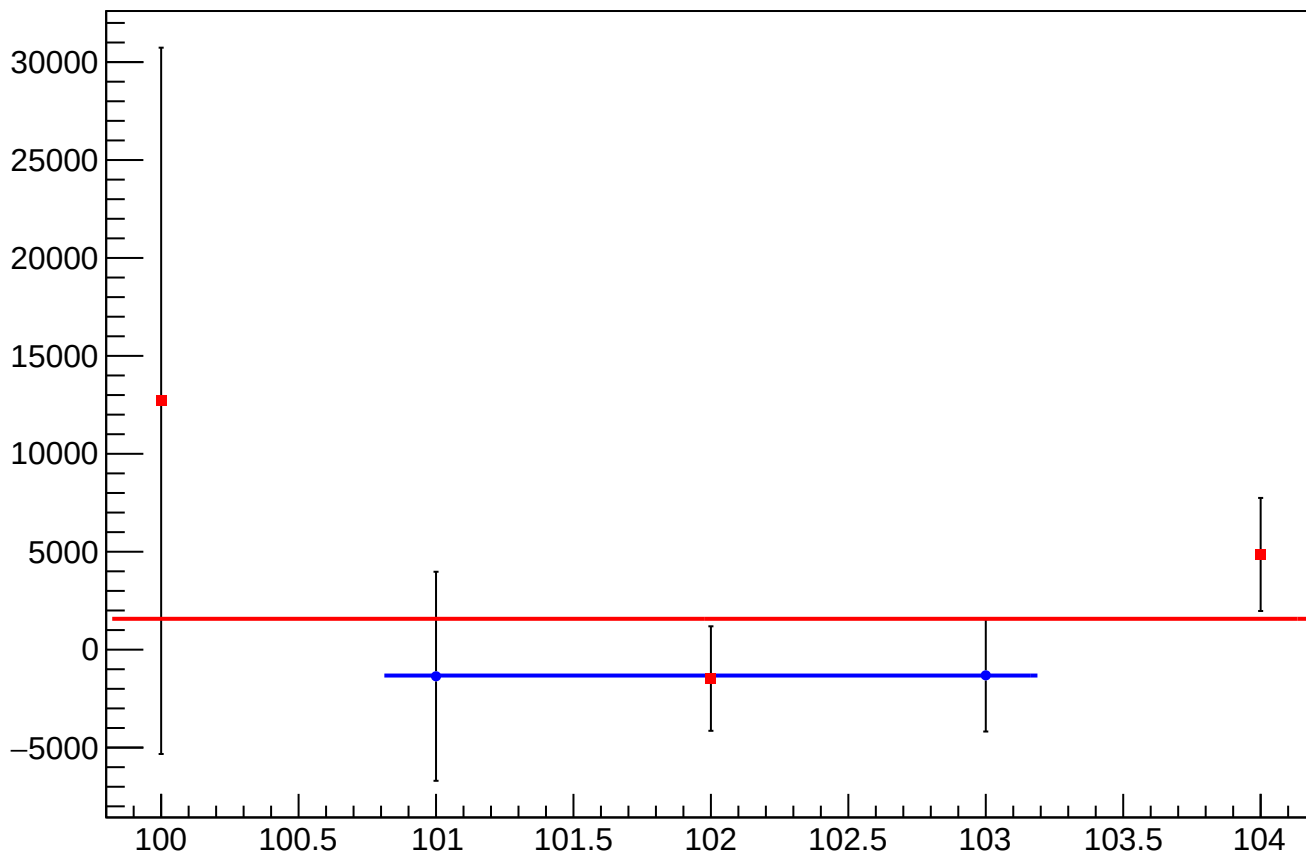
Right: 1719.002+/-0.856 χ^2/NDF : 439408.2/4

In: 1760.311+/-1.206 χ^2/NDF : 332701.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1719.002+/-0.856 χ^2/NDF : 439408.2/4

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: 1575.271+/-1947.785 χ^2 /NDF: 3.0/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

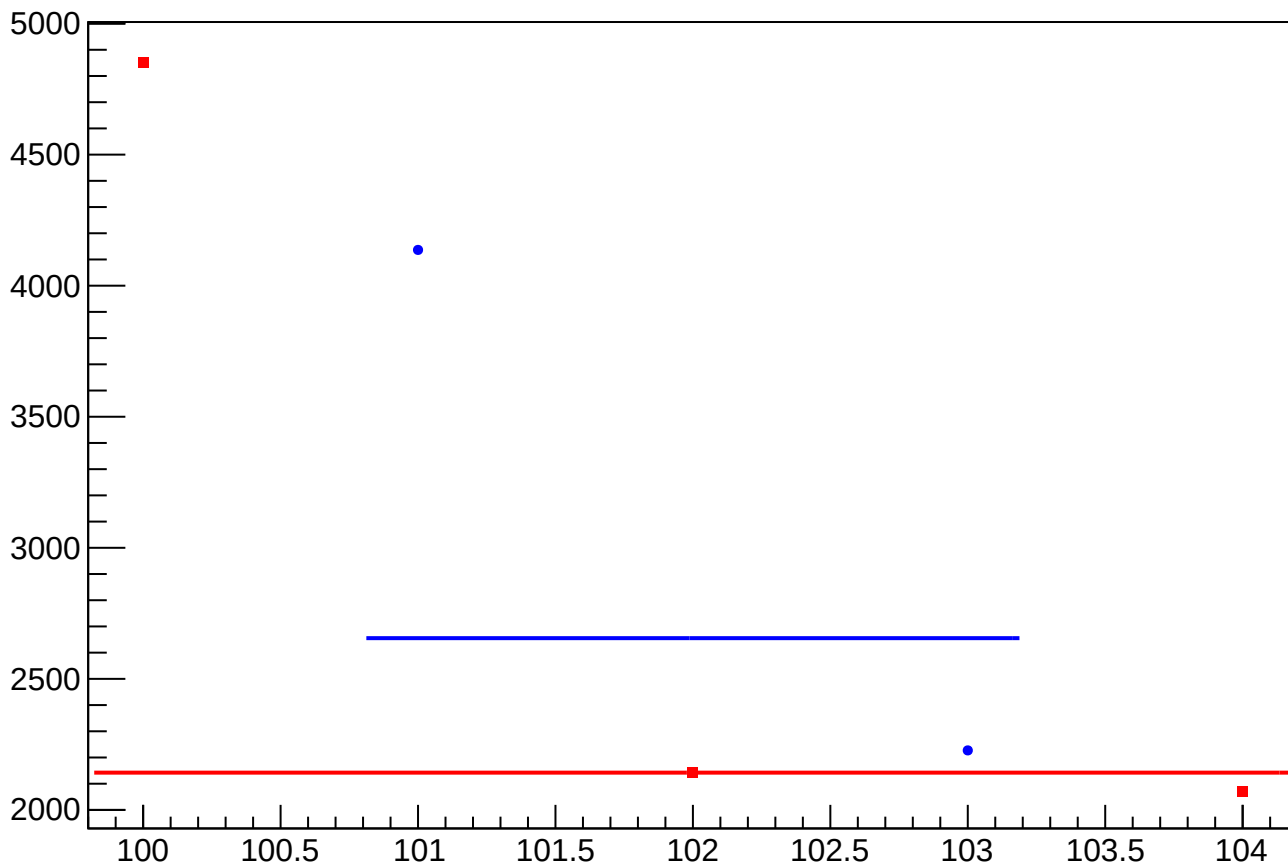
Right: 495.825+/-1542.750 χ^2 /NDF: 3.8/4

In: -1321.399+/-2527.229 χ^2 /NDF: 0.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 495.825+/-1542.750 χ^2 /NDF: 3.8/4

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: 2142.246+/-1.377 χ^2/NDF : 46422.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

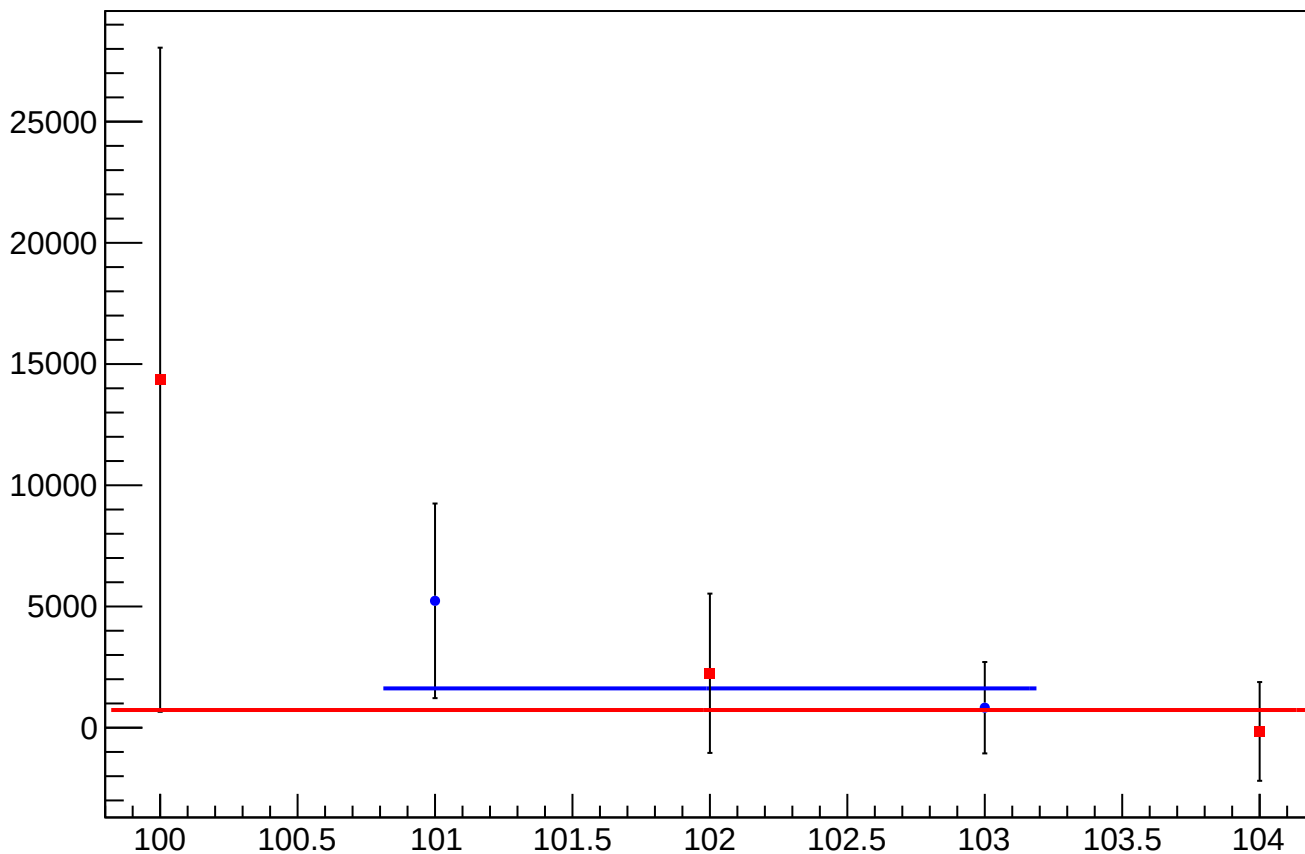
Right: 2333.438+/-1.091 χ^2/NDF : 296739.2/4

In: 2655.304+/-1.787 χ^2/NDF : 198605.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.438+/-1.091 χ^2/NDF : 296739.2/4

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: 730.037+/-1717.240 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

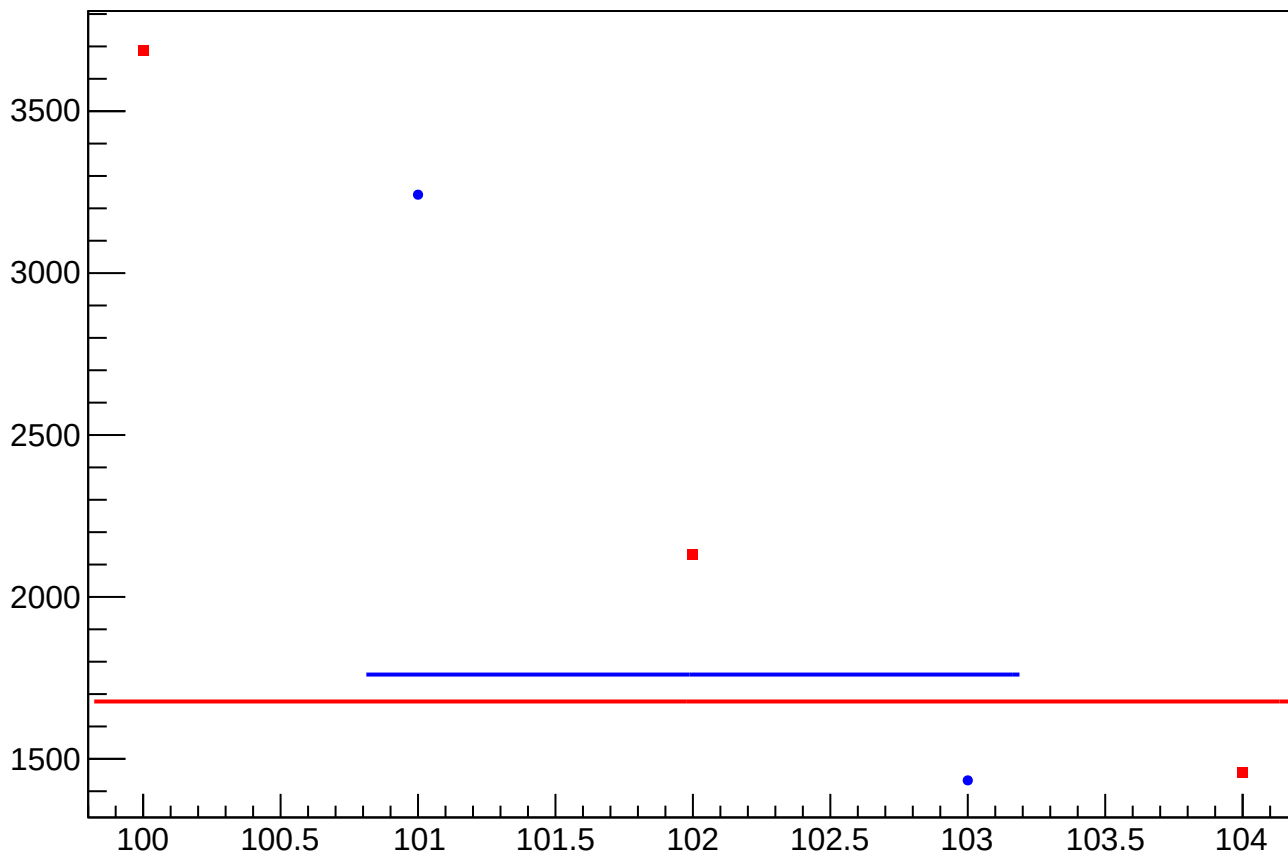
Right: 1178.610+/-1210.319 χ^2/NDF : 2.5/4

In: 1621.388+/-1706.112 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.610+/-1210.319 χ^2/NDF : 2.5/4

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: 1677.151+/-1.214 χ^2/NDF : 104346.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

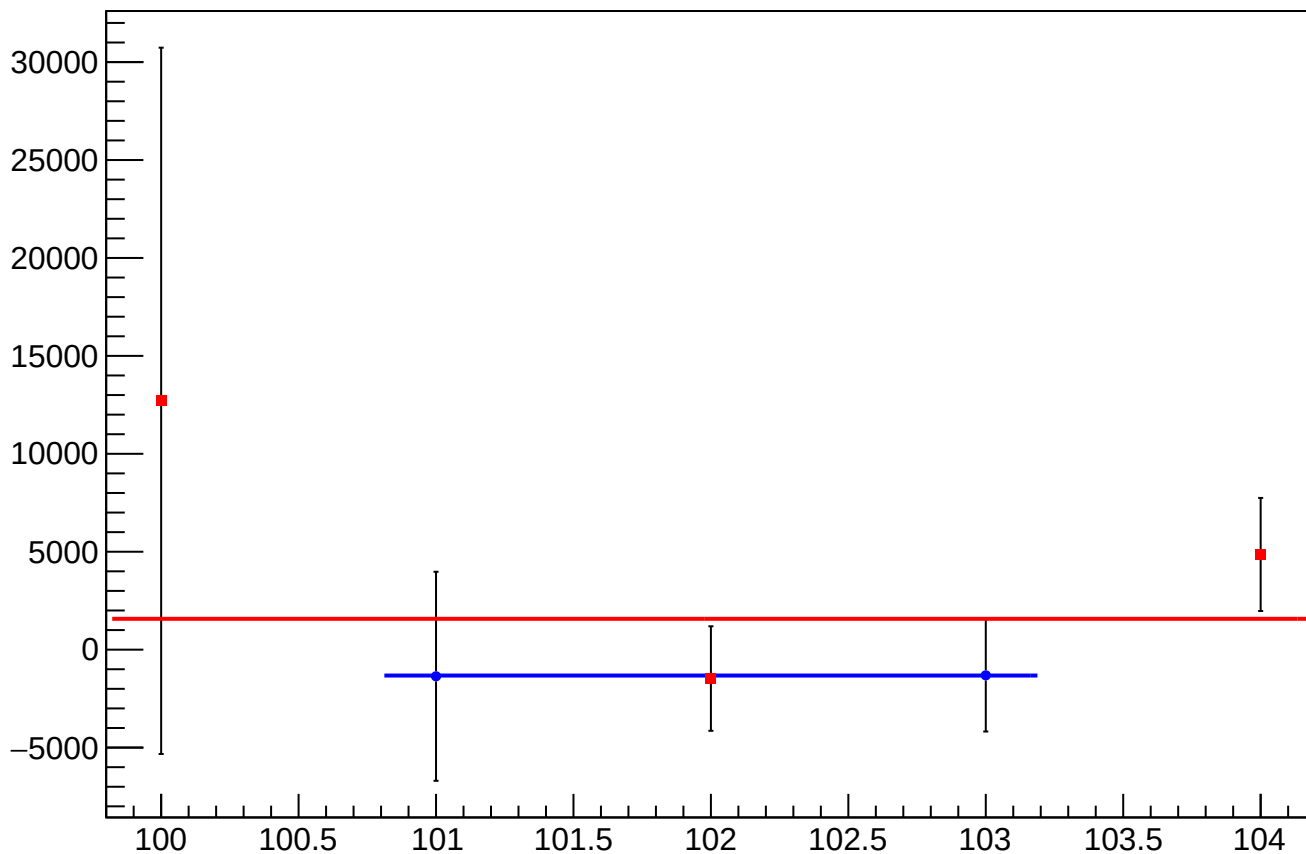
Right: 1718.999+/-0.856 χ^2/NDF : 439409.2/4

In: 1760.308+/-1.206 χ^2/NDF : 332702.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1718.999+/-0.856 χ^2/NDF : 439409.2/4

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: 1575.267 $\pm$ 1947.781 χ^2 /NDF: 3.0/2

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

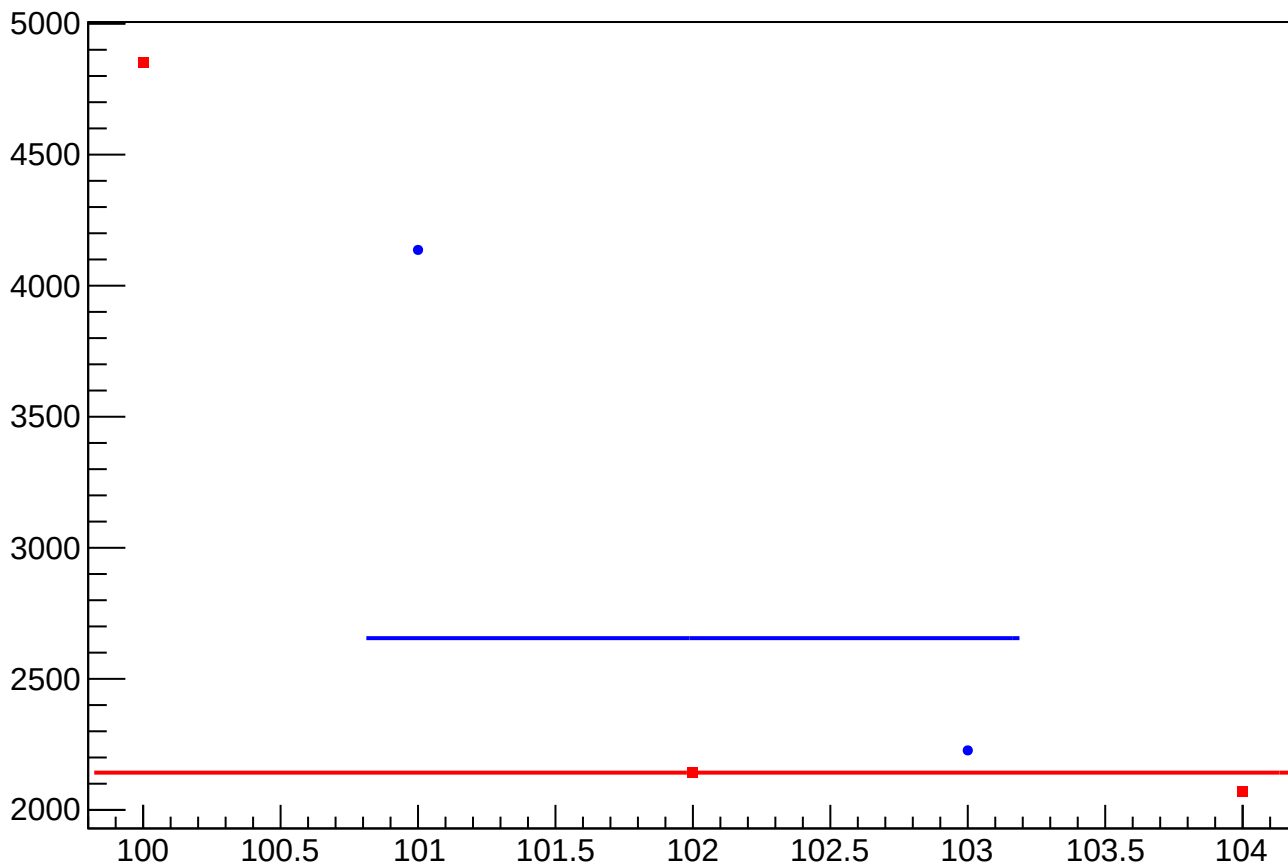
Right: 495.821 $\pm$ 1542.747 χ^2 /NDF: 3.8/4

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: 495.821 $\pm$ 1542.747 χ^2 /NDF: 3.8/4

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: 2142.242+/-1.377 χ^2/NDF : 46422.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

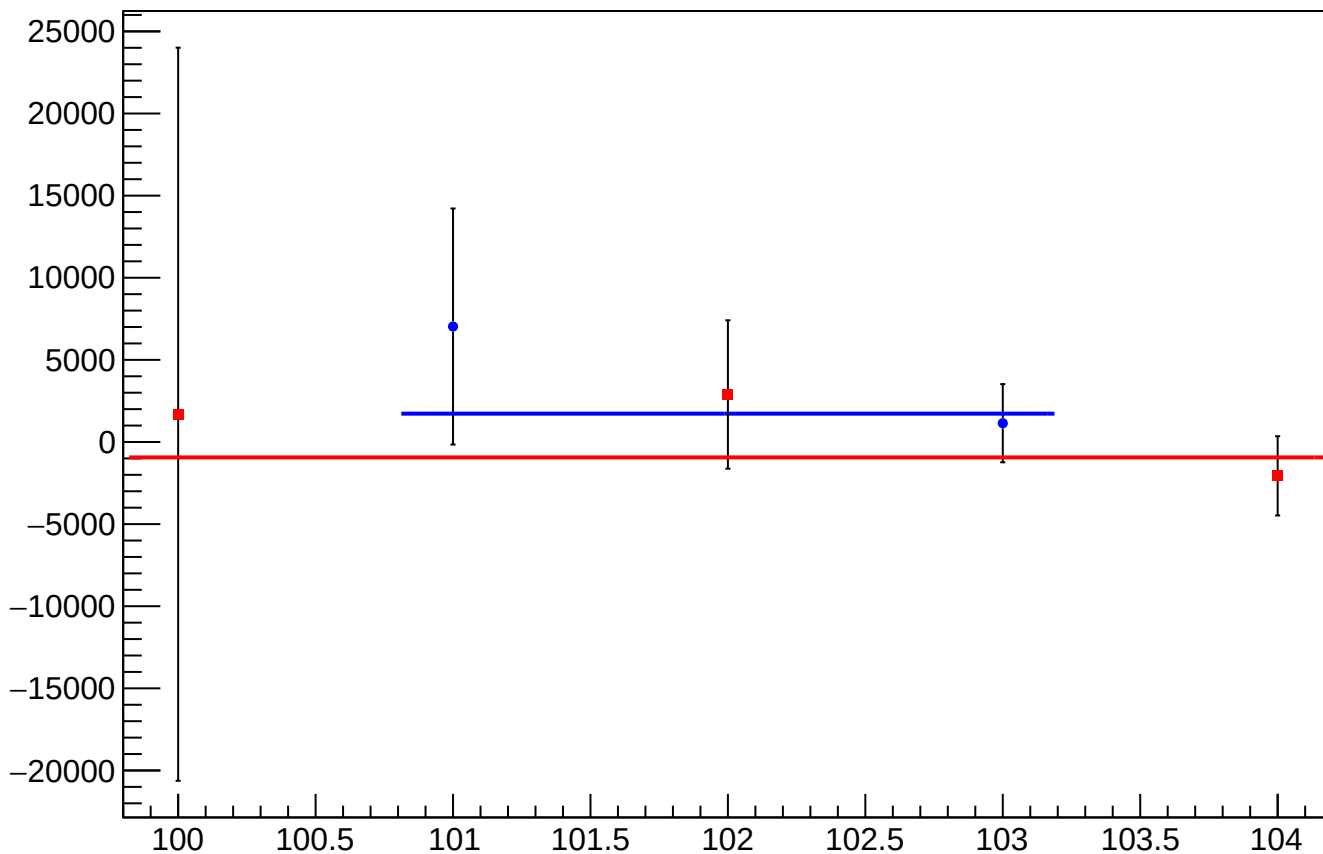
Right: 2333.433+/-1.091 χ^2/NDF : 296739.4/4

In: 2655.298+/-1.787 χ^2/NDF : 198606.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2333.433+/-1.091 χ^2/NDF : 296739.4/4

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: -938.760+/-2118.825 χ^2 /NDF: 0.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

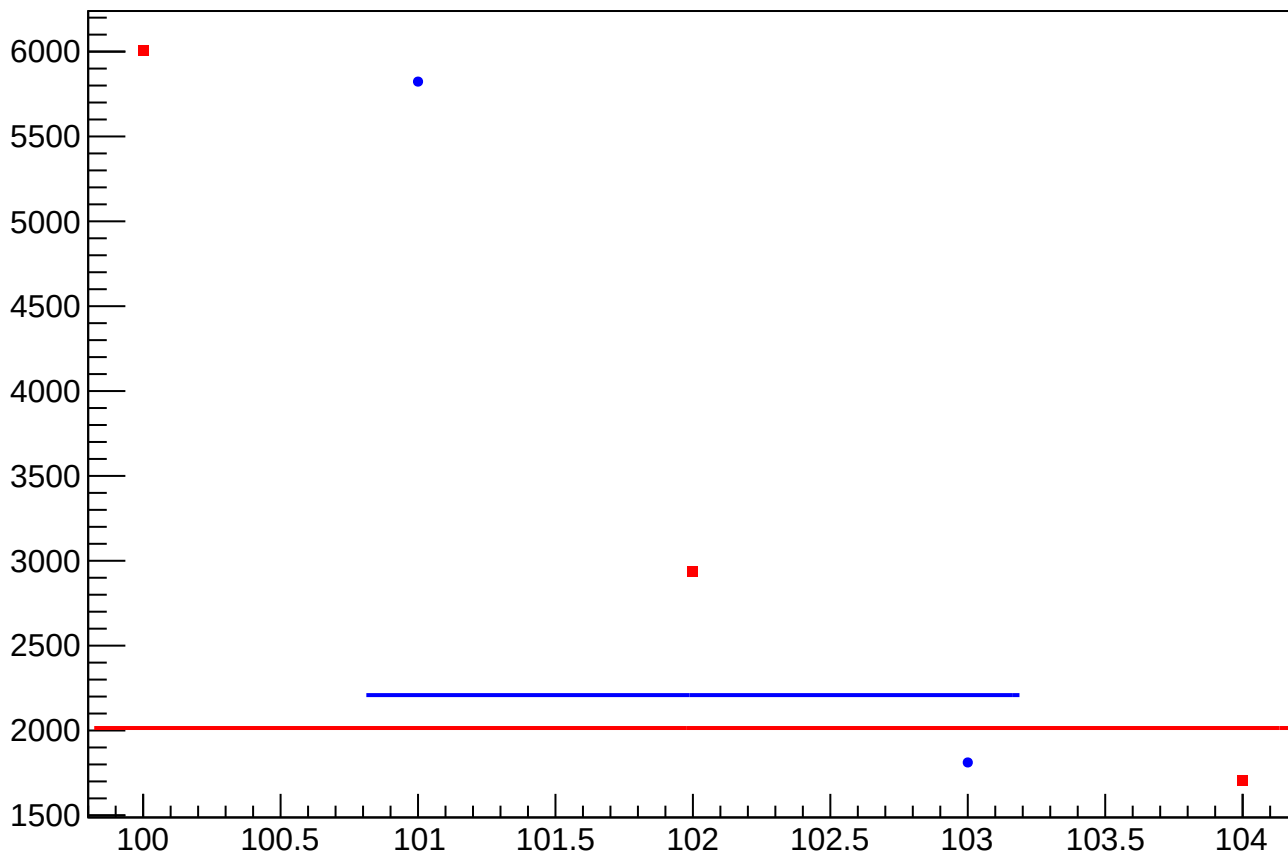
Right: 307.416+/-1545.858 χ^2 /NDF: 2.3/4

In: 1725.664+/-2260.380 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 307.416+/-1545.858 χ^2 /NDF: 2.3/4

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: 2014.681+/-1.498 χ^2/NDF : 179967.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

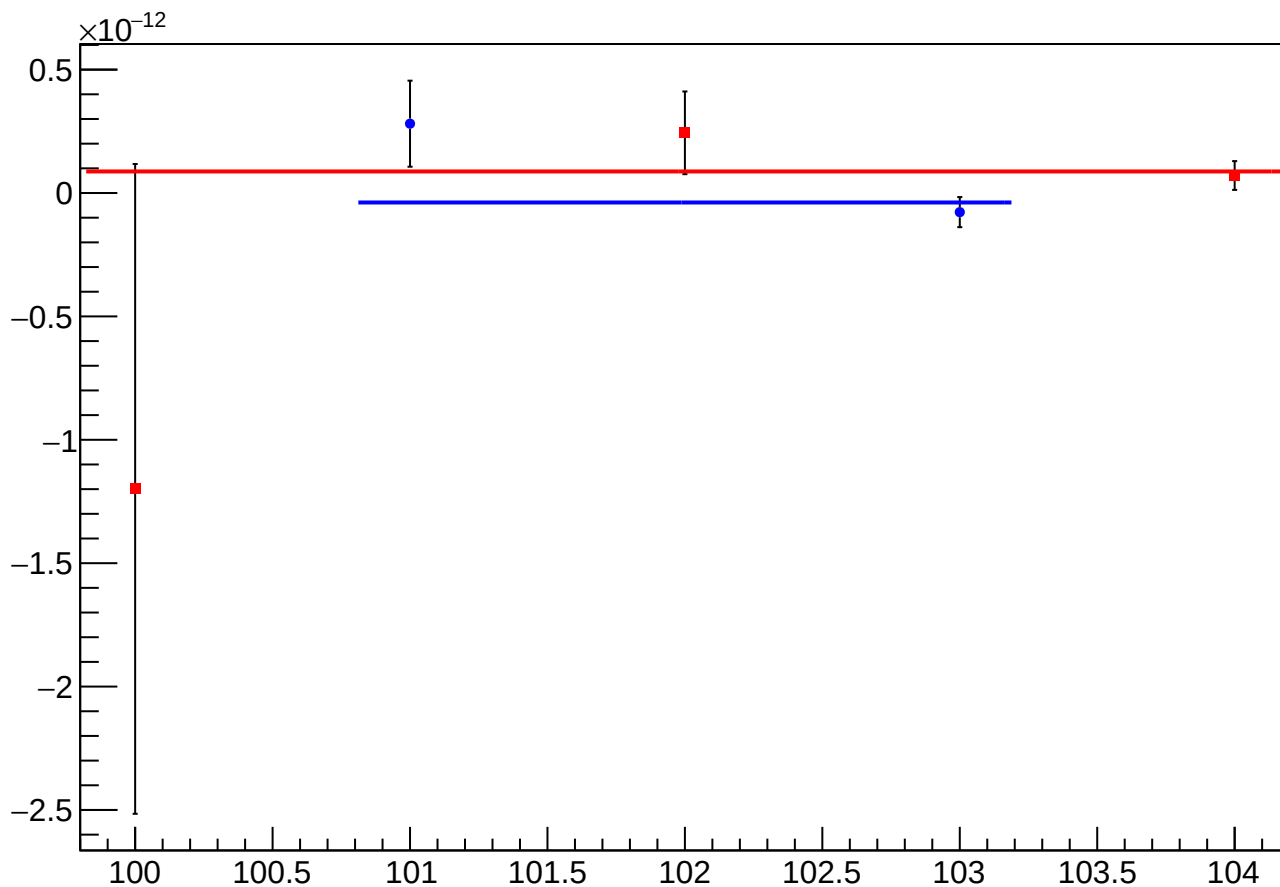
Right: 2105.367+/-1.093 χ^2/NDF : 749302.8/4

In: 2208.580+/-1.598 χ^2/NDF : 561500.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.367+/-1.093 χ^2/NDF : 749302.8/4

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

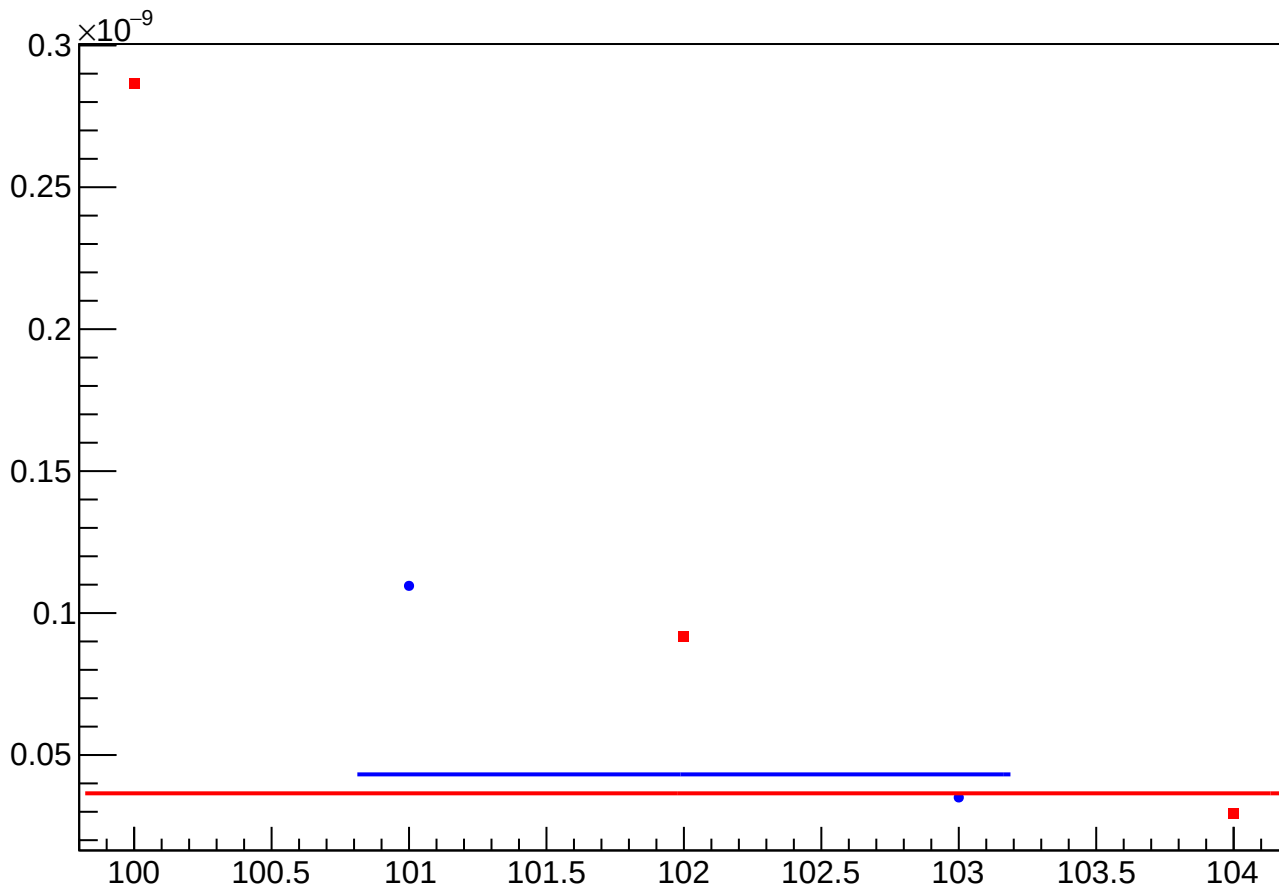
Right: 0.000+/-0.000 χ^2/NDF : 8.2/4

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 : 8.2/4

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 : 319173.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

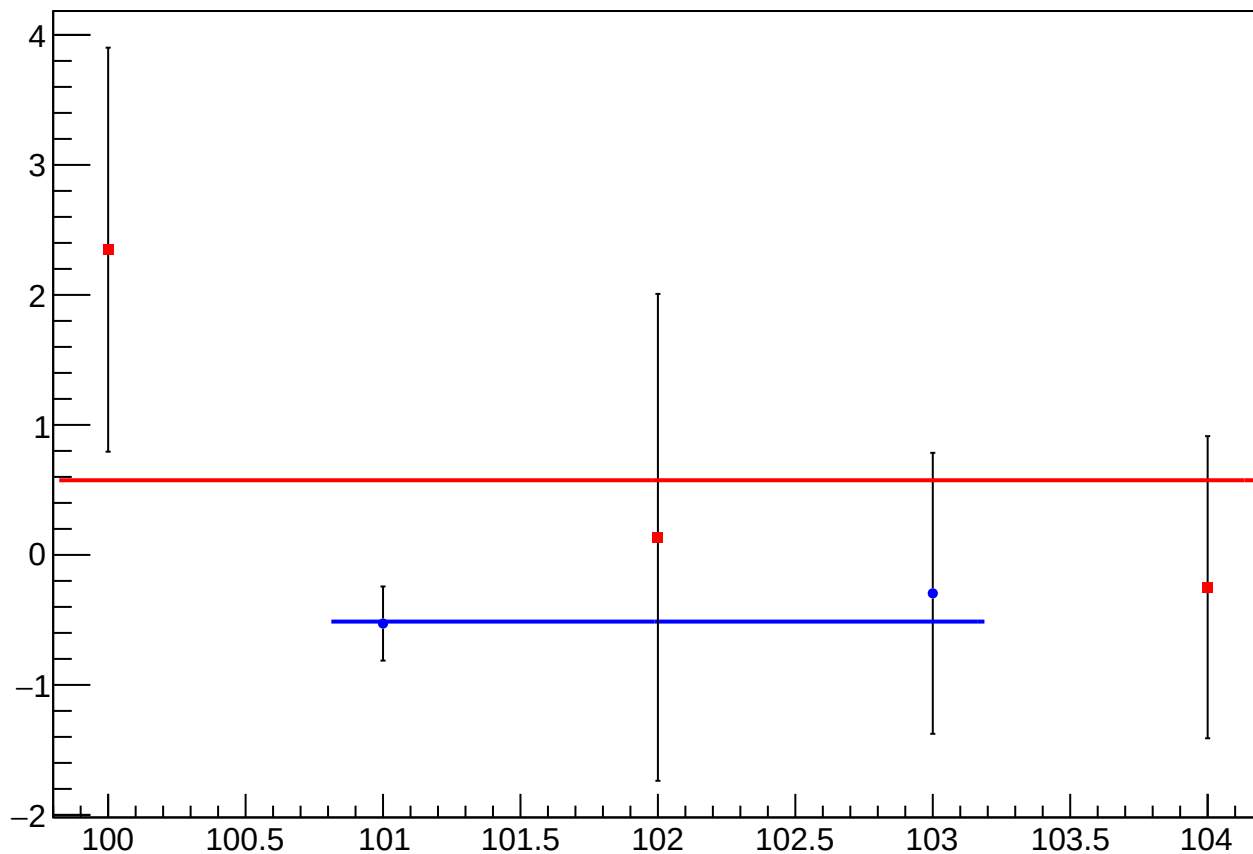
Right: 0.000+/-0.000 χ^2/NDF : 658830.0/4

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 : 658830.0/4

asym_atl_avg_atr_avg_avg_dit_vs_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: 0.574+/-0.833 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

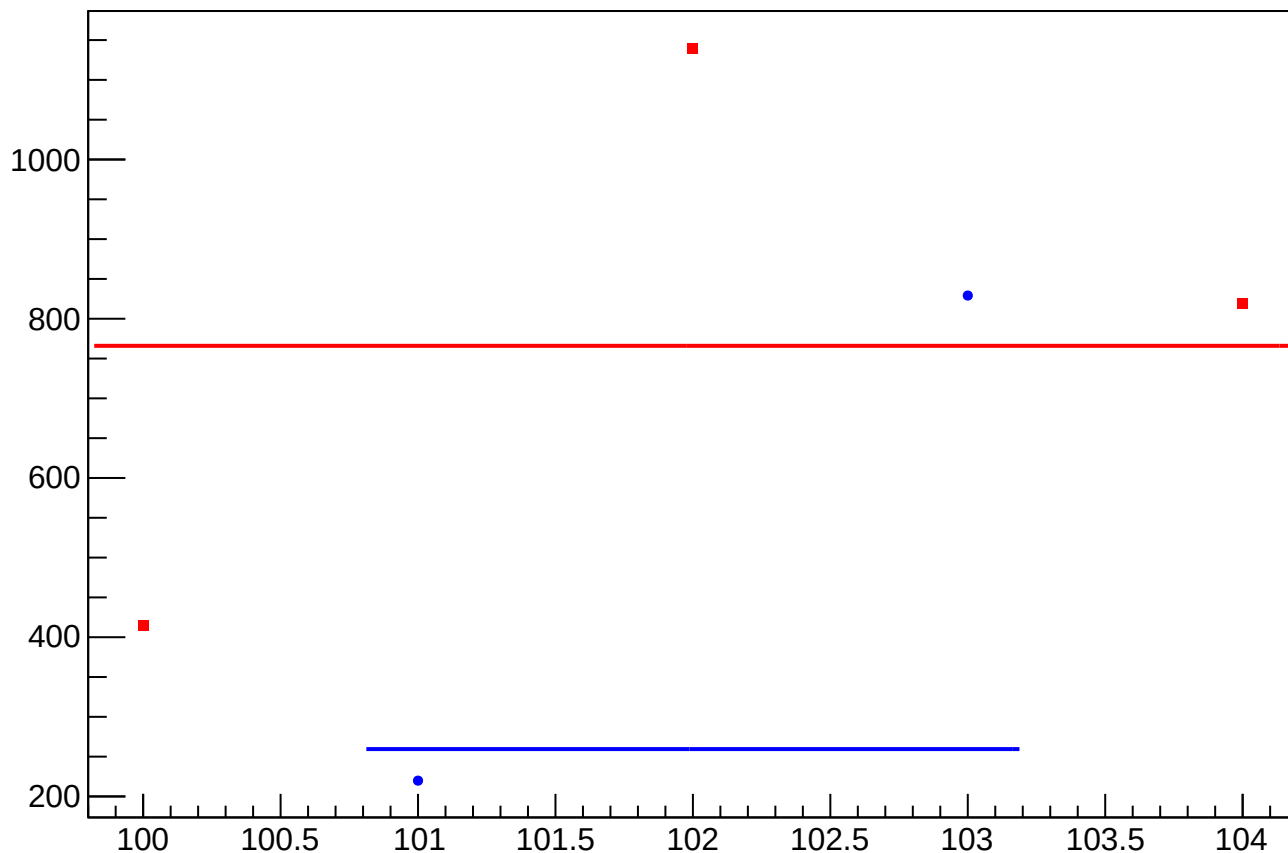
Right: -0.406+/-0.262 χ^2/NDF : 3.4/4

In: -0.513+/-0.276 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.406+/-0.262 χ^2/NDF : 3.4/4

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: 765.983+/-0.589 χ^2/NDF : 185626.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

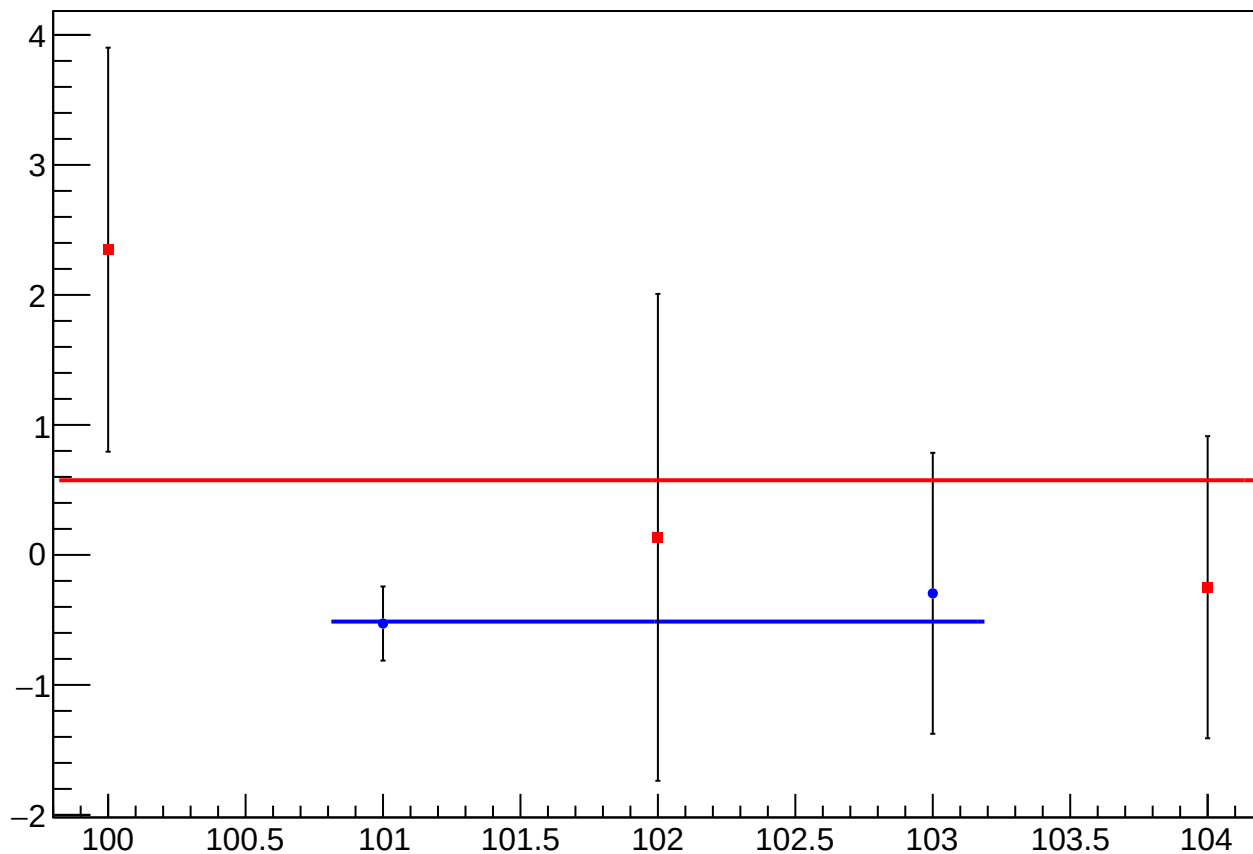
Right: 309.424+/-0.185 χ^2/NDF : 1445942.1/4

In: 259.486+/-0.195 χ^2/NDF : 594399.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.424+/-0.185 χ^2/NDF : 1445942.1/4

asym_atl_avg_atr_avg_avg_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: 0.574+/-0.833 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

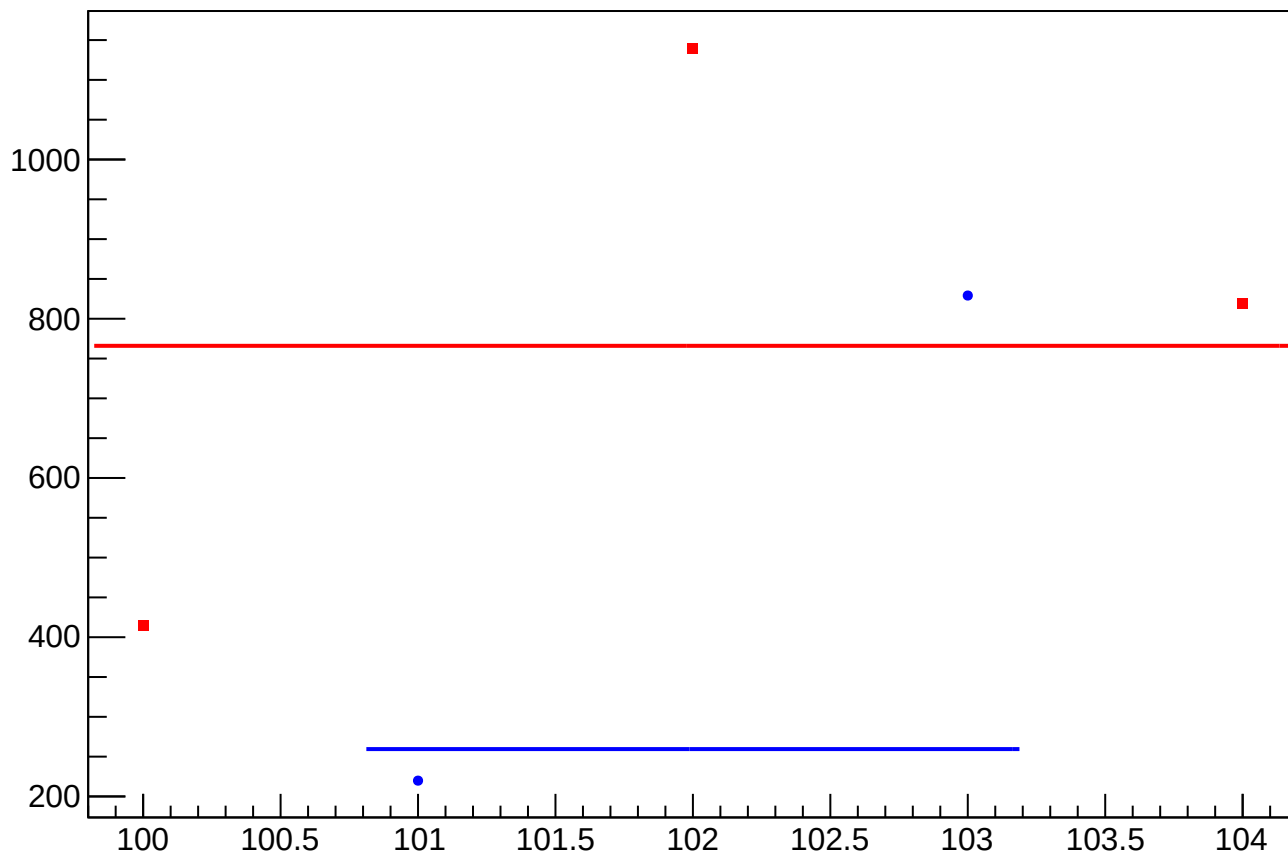
Right: -0.406+/-0.262 χ^2/NDF : 3.4/4

In: -0.513+/-0.276 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.406+/-0.262 χ^2/NDF : 3.4/4

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: 765.983 ± 0.589 χ^2/NDF : 185626.6/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

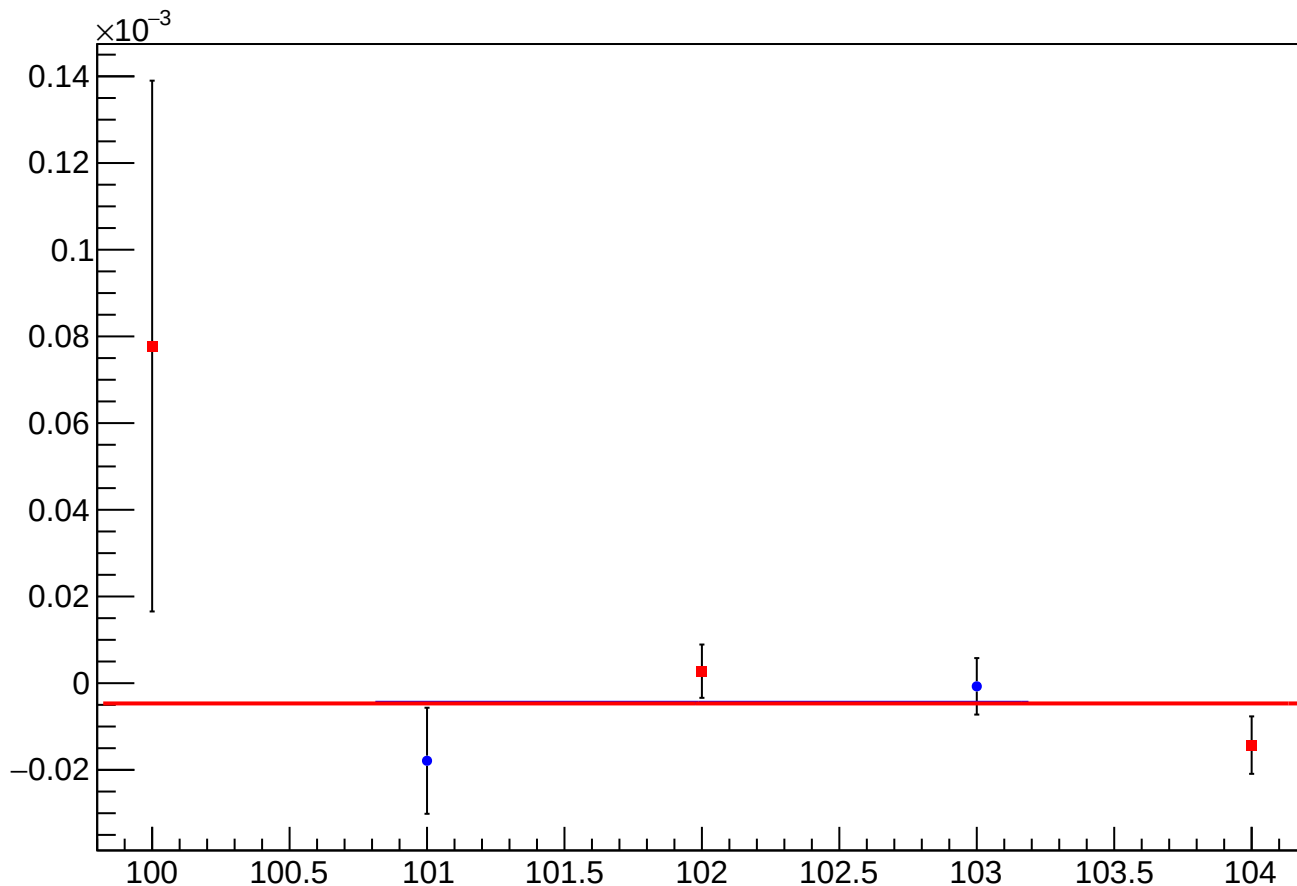
Right: 309.424 ± 0.185 χ^2/NDF : 1445942.1/4

In: 259.486 ± 0.195 χ^2/NDF : 594399.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 309.424 ± 0.185 χ^2/NDF : 1445942.1/4

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 : 5.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

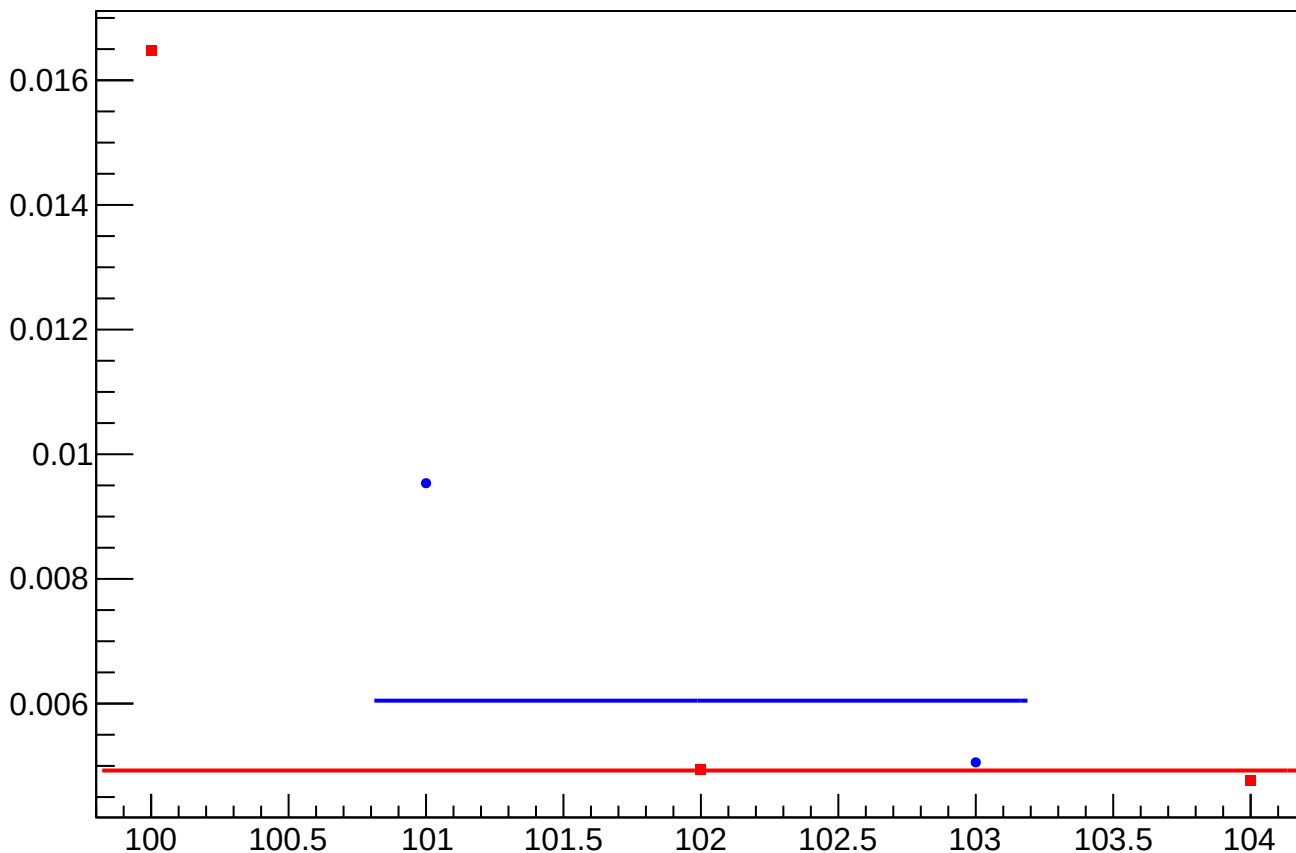
Right: -0.000+/-0.000 χ^2/NDF : 6.9/4

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 : 6.9/4

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 : 72415.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

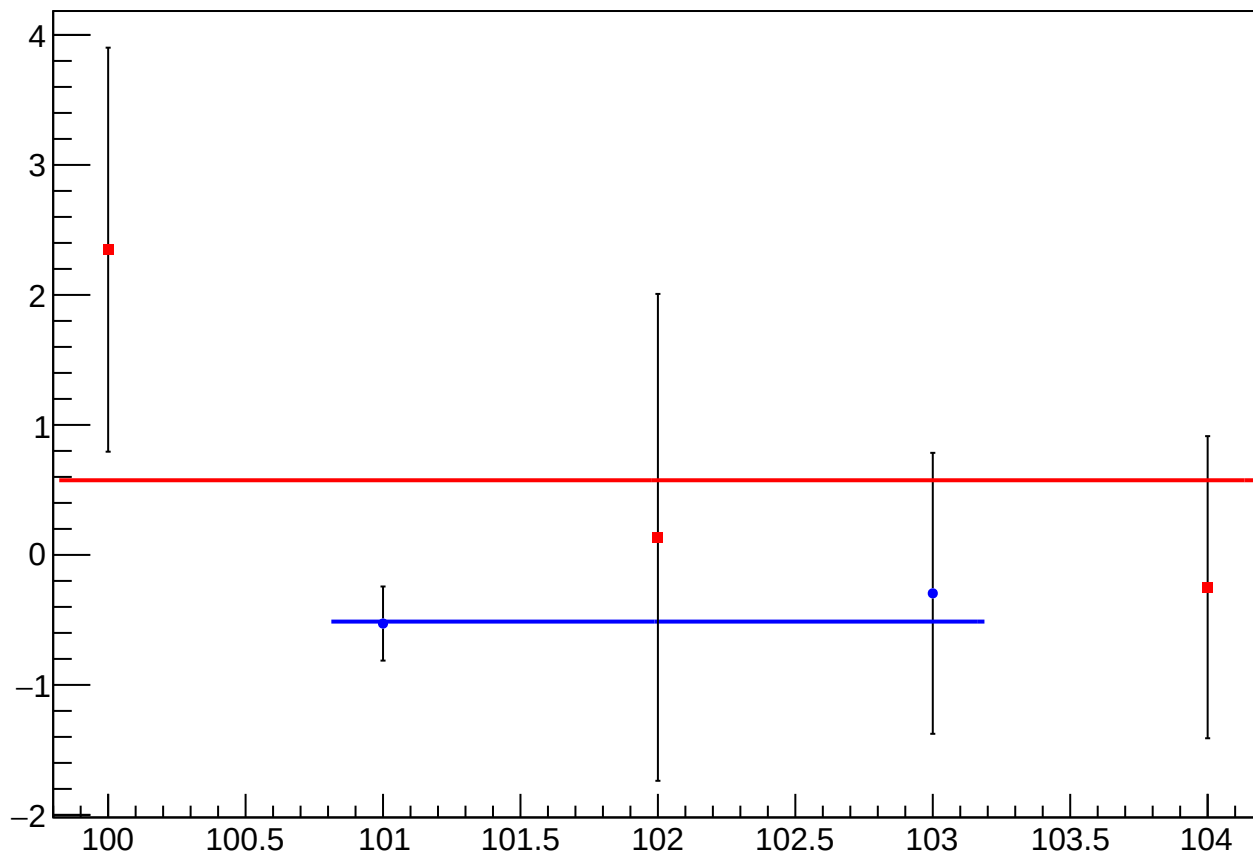
Right: 0.005+/-0.000 χ^2/NDF : 328392.0/4

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 : 328392.0/4

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: 0.574 $\pm$ 0.833 χ^2 /NDF: 1.9/2

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

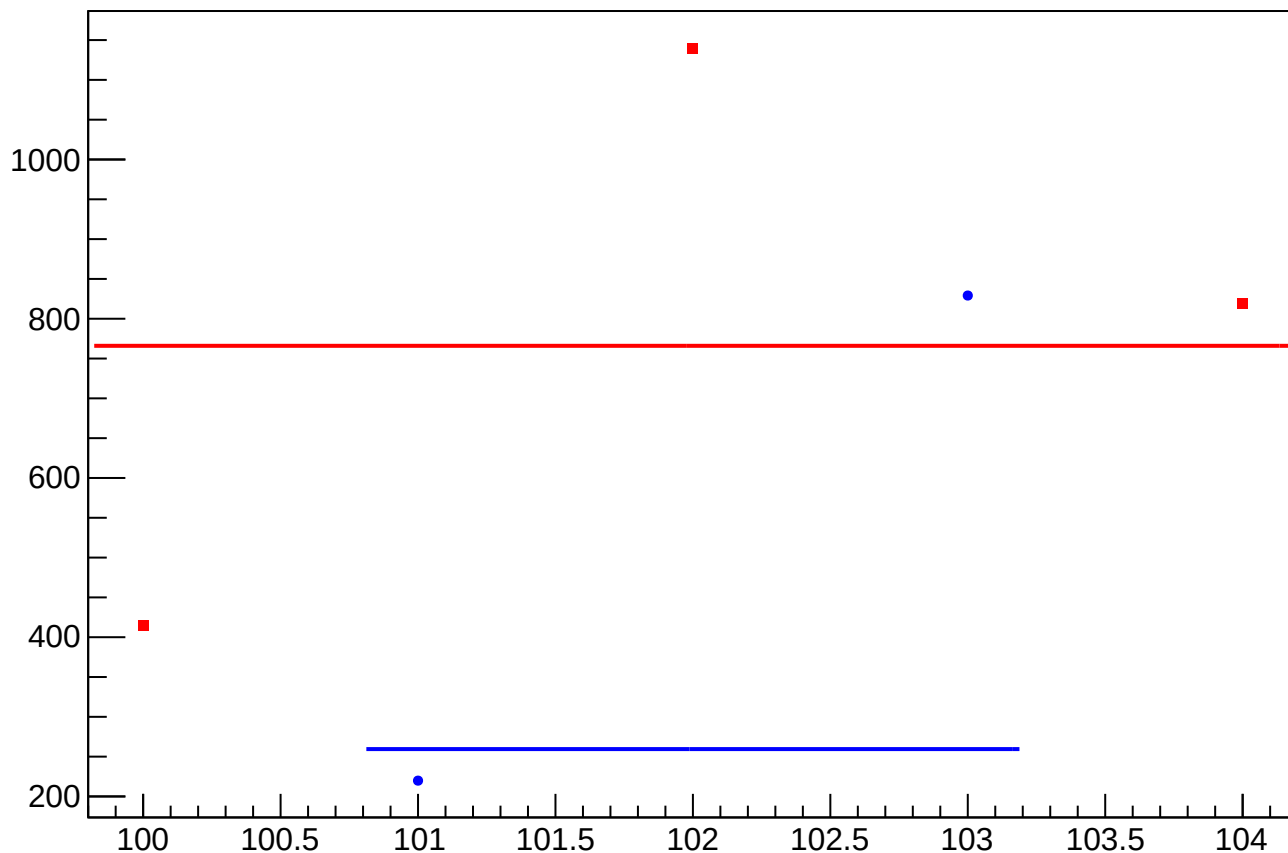
Right: -0.406 $\pm$ 0.262 χ^2 /NDF: 3.4/4

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: -0.406 $\pm$ 0.262 χ^2 /NDF: 3.4/4

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485 ± 0.195 $\chi^2/\text{NDF}: 594400.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 765.988 ± 0.589 $\chi^2/\text{NDF}: 185616.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

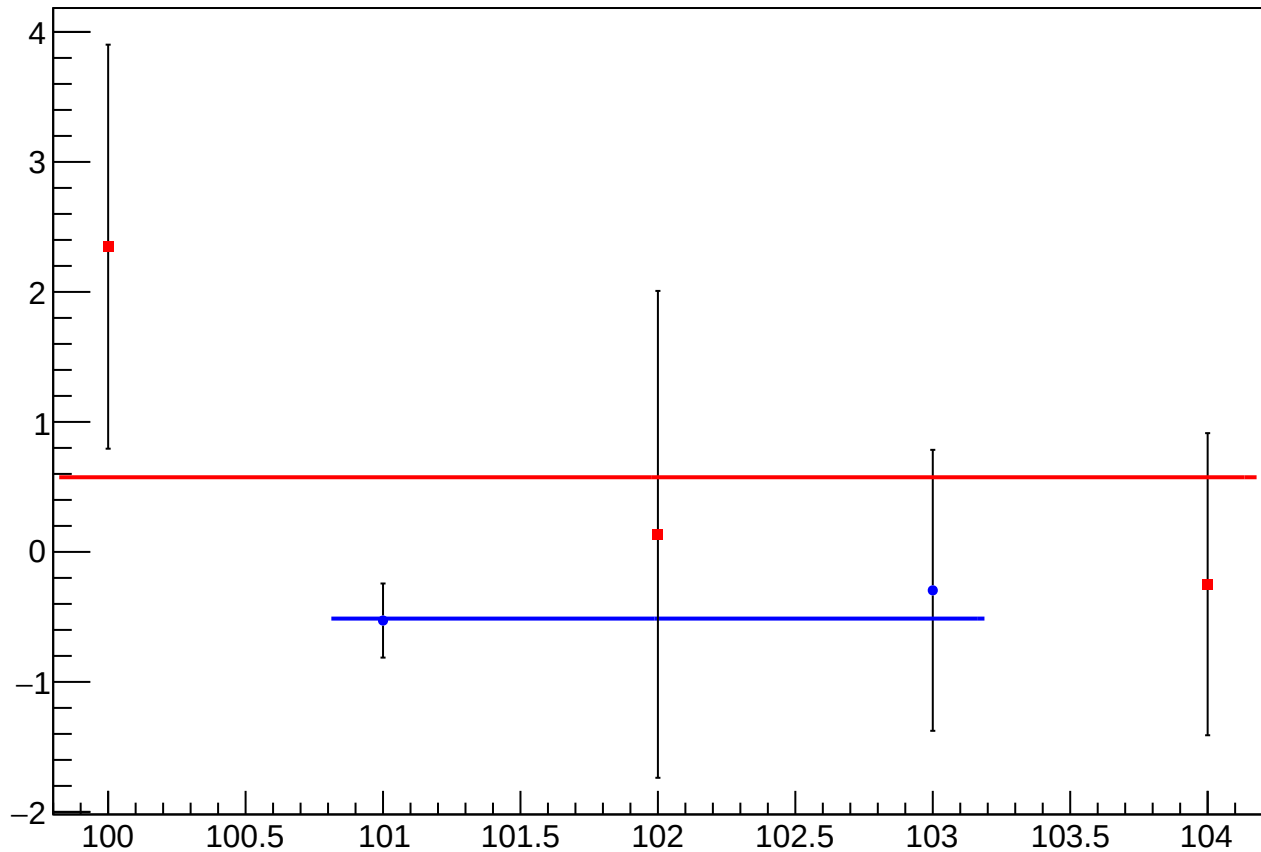
Right: 309.423 ± 0.185 $\chi^2/\text{NDF}: 1445943.6/4$

In: 259.485 ± 0.195 $\chi^2/\text{NDF}: 594400.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 309.423 ± 0.185 $\chi^2/\text{NDF}: 1445943.6/4$

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.513 $\pm$ 0.276 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.574 $\pm$ 0.833 χ^2 /NDF: 1.9/2

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

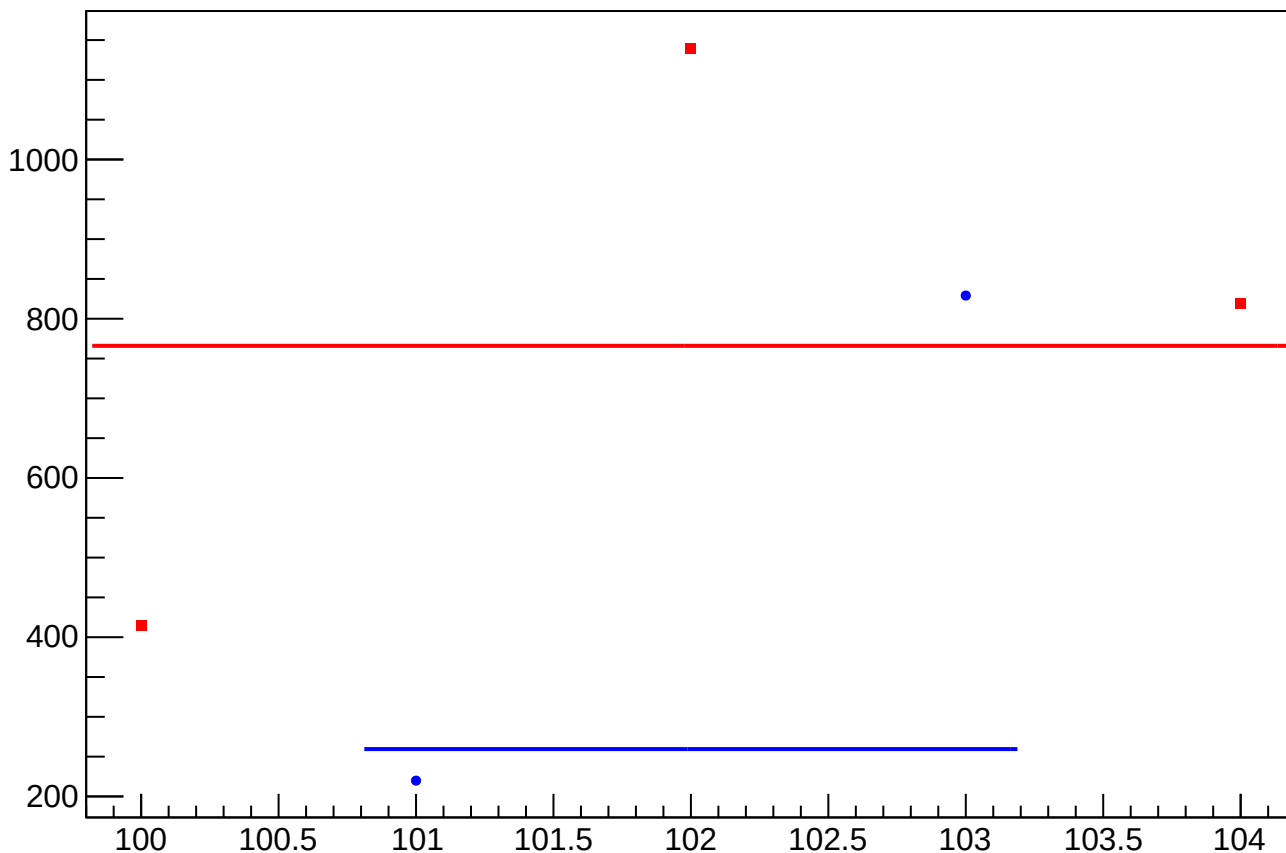
Right: -0.406 $\pm$ 0.262 χ^2 /NDF: 3.4/4

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: -0.406 $\pm$ 0.262 χ^2 /NDF: 3.4/4

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 259.485 ± 0.195 $\chi^2/\text{NDF}: 594400.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 765.988 ± 0.589 $\chi^2/\text{NDF}: 185616.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

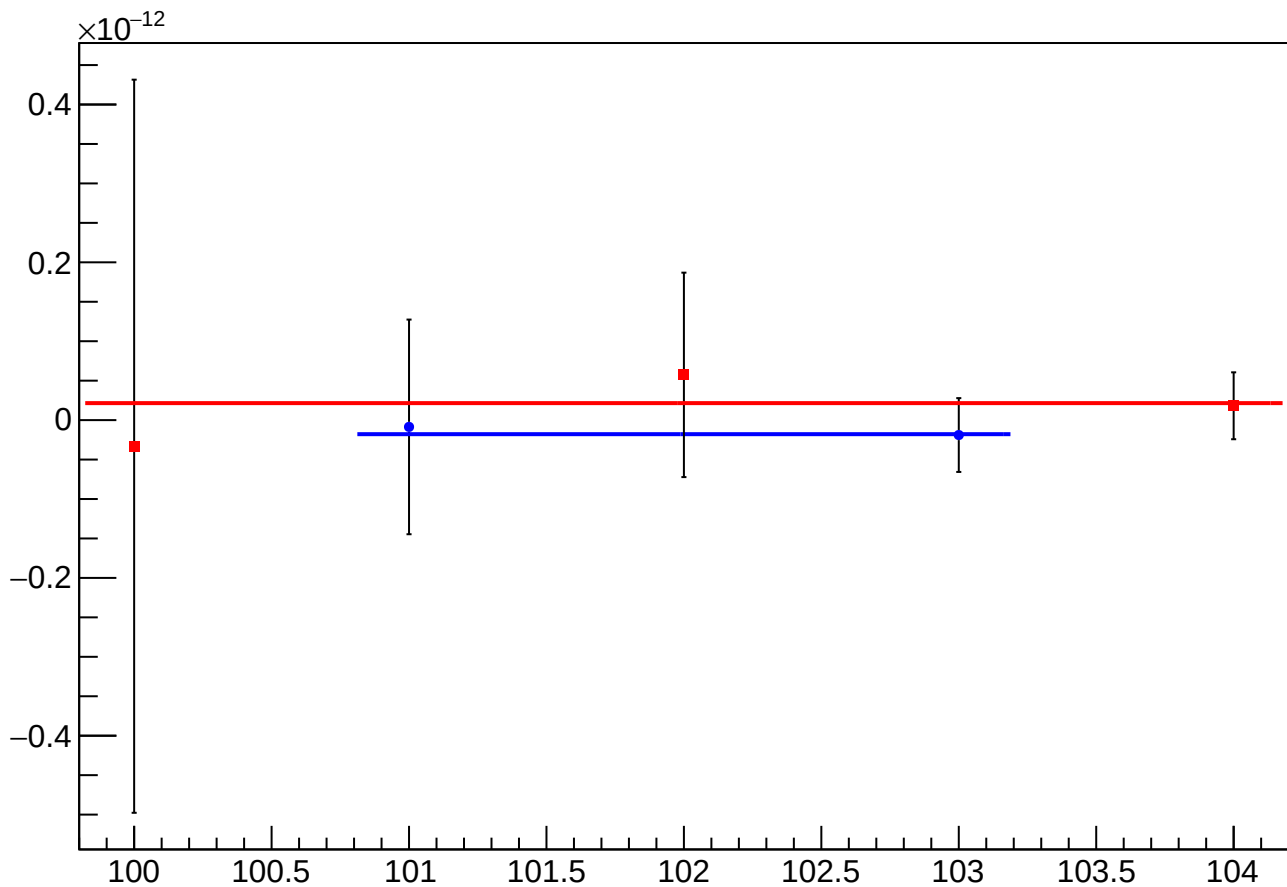
Right: 309.423 ± 0.185 $\chi^2/\text{NDF}: 1445943.6/4$

In: 259.485 ± 0.195 $\chi^2/\text{NDF}: 594400.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 309.423 ± 0.185 $\chi^2/\text{NDF}: 1445943.6/4$

asym_atl_avg_atr_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 : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

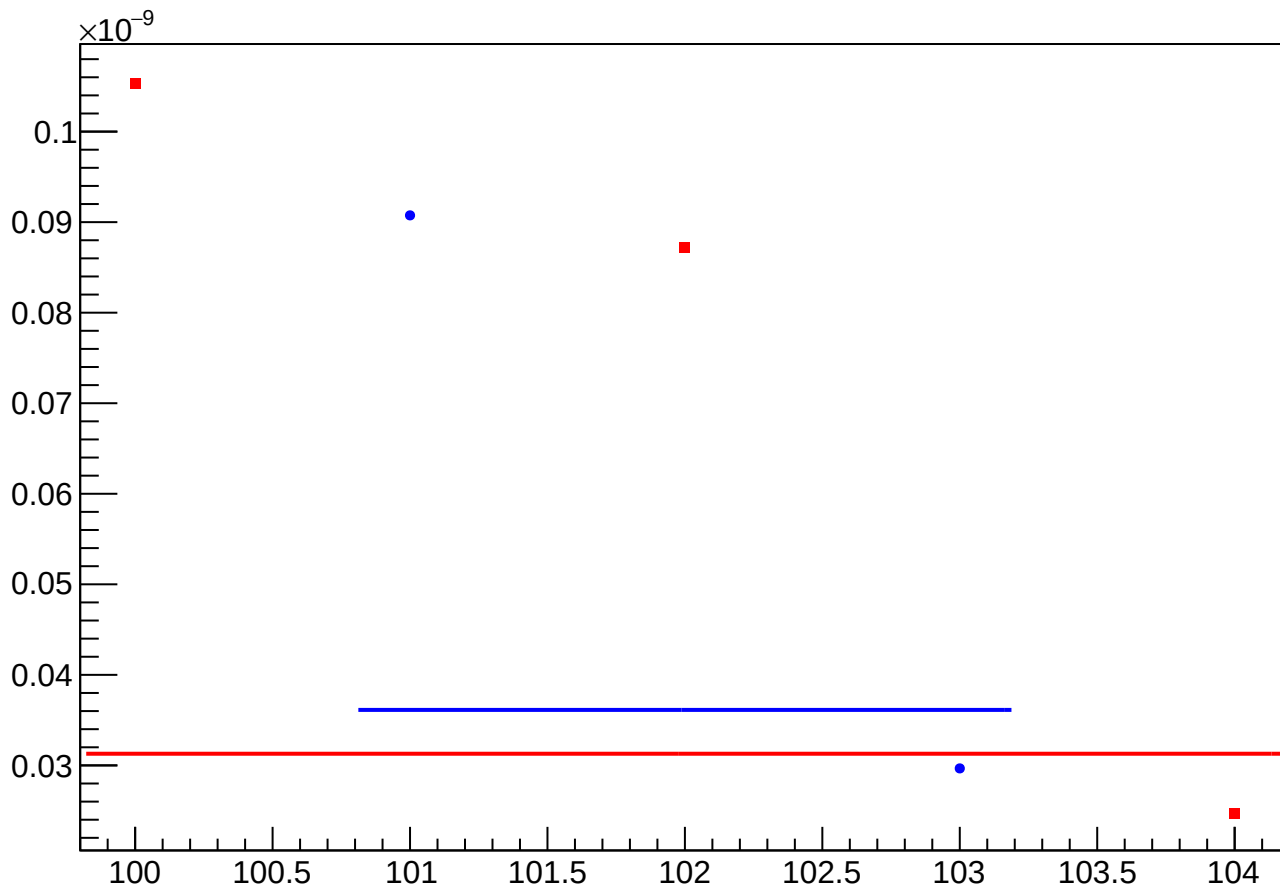
Right: 0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 360575.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 471831.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

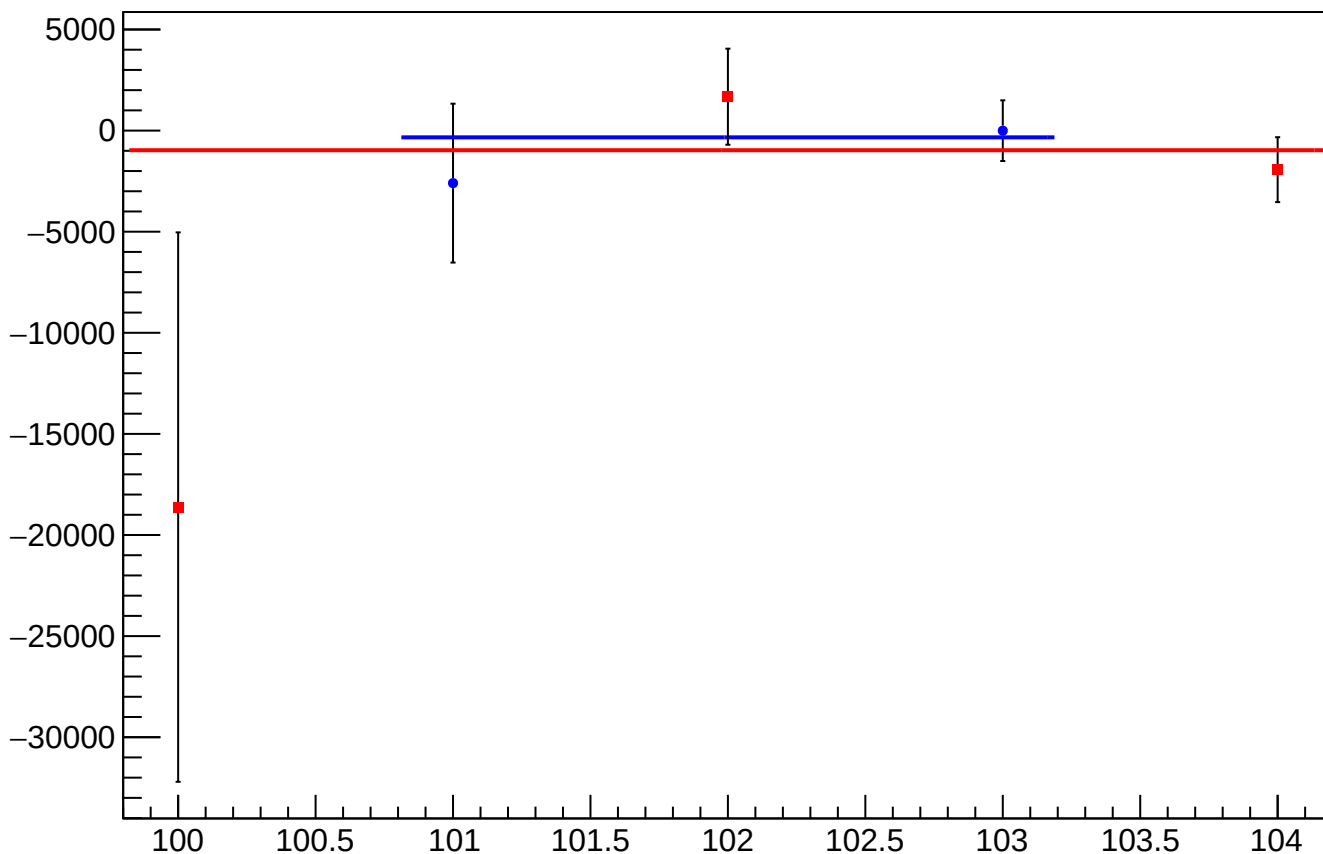
Right: 0.000+/-0.000 χ^2/NDF : 845538.6/4

In: 0.000+/-0.000 χ^2/NDF : 360575.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 845538.6/4

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: -970.483+/-1323.523 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

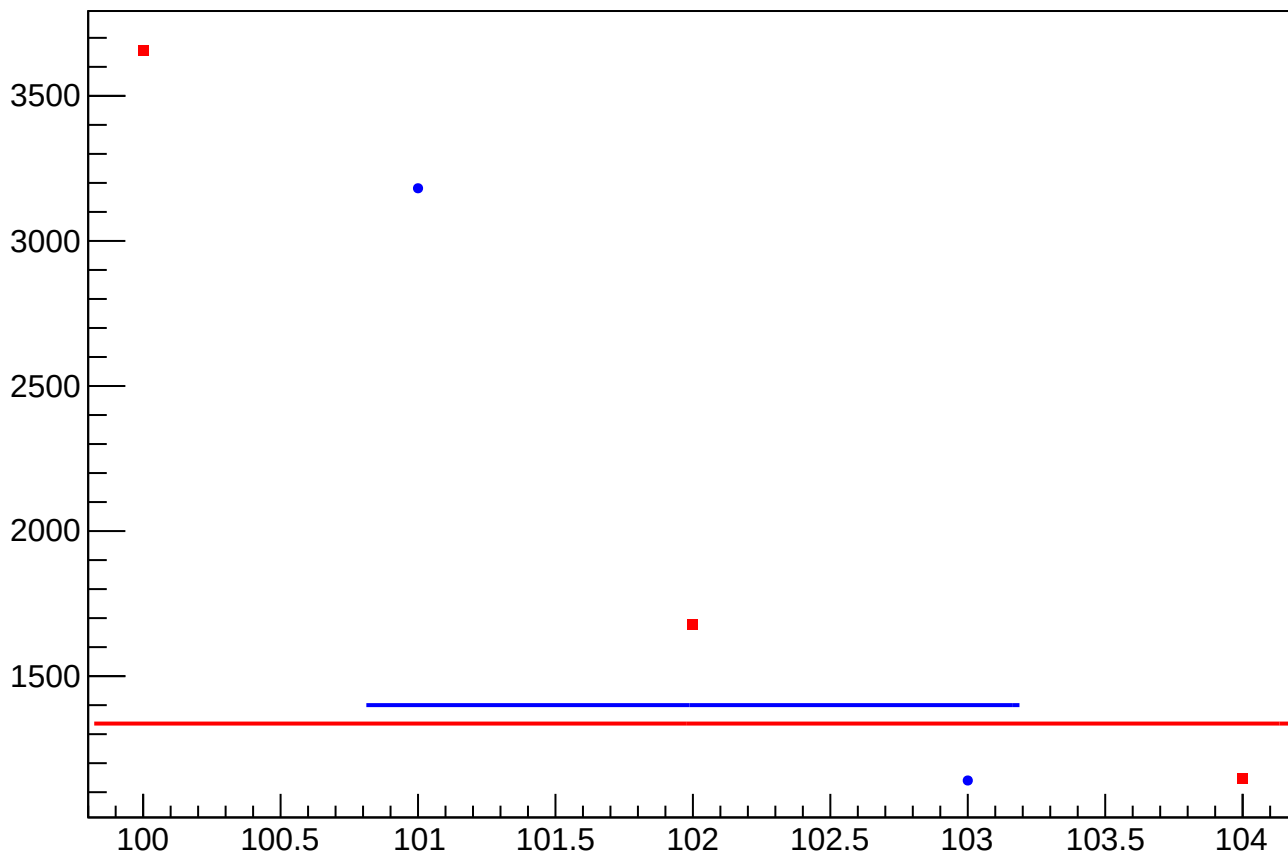
Right: -670.500+/-962.273 χ^2/NDF : 3.8/4

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.500+/-962.273 χ^2/NDF : 3.8/4

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: 1336.541+/-0.936 χ^2/NDF : 126668.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

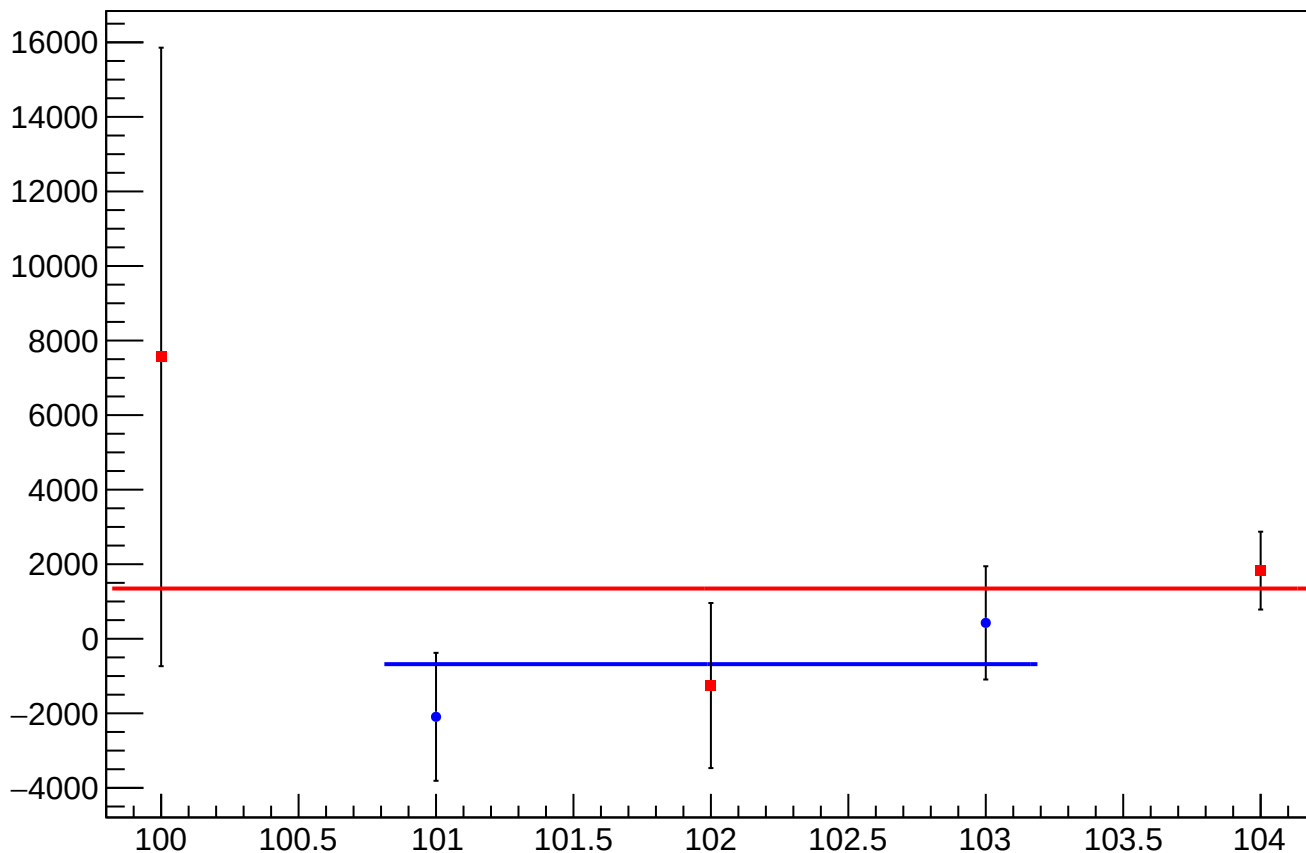
Right: 1366.510+/-0.680 χ^2/NDF : 600049.7/4

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.510+/-0.680 χ^2/NDF : 600049.7/4

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: 1347.697+/-938.477 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

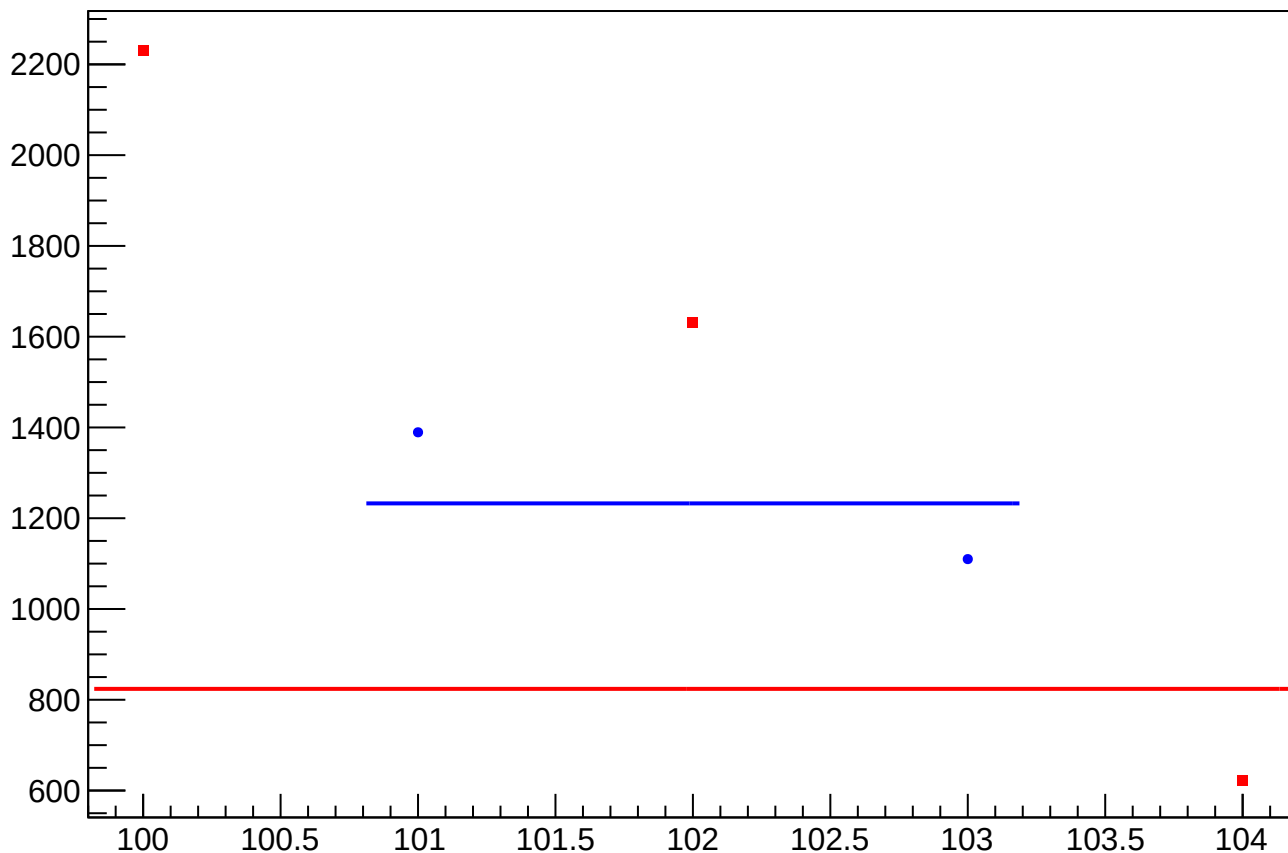
Right: 526.085+/-723.910 χ^2/NDF : 5.3/4

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.085+/-723.910 χ^2/NDF : 5.3/4

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1232.680 $\pm$ 0.804 χ^2 /NDF: 29720.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 824.008 $\pm$ 0.664 χ^2 /NDF: 397991.3/2

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

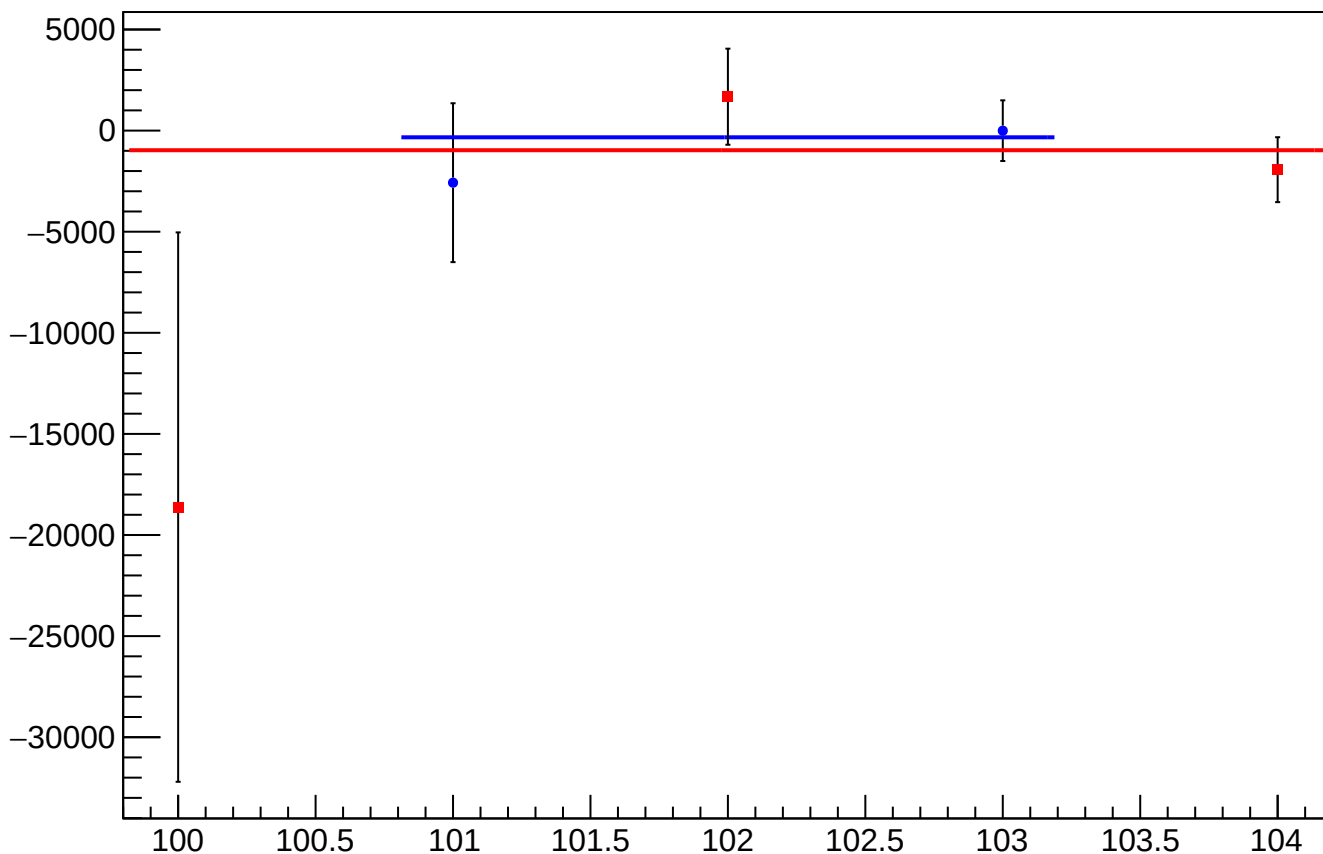
Right: 989.517 $\pm$ 0.512 χ^2 /NDF: 581307.8/4

In: 1232.680 $\pm$ 0.804 χ^2 /NDF:29720.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 989.517 $\pm$ 0.512 χ^2 /NDF: 581307.8/4

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: -970.495+/-1323.523 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

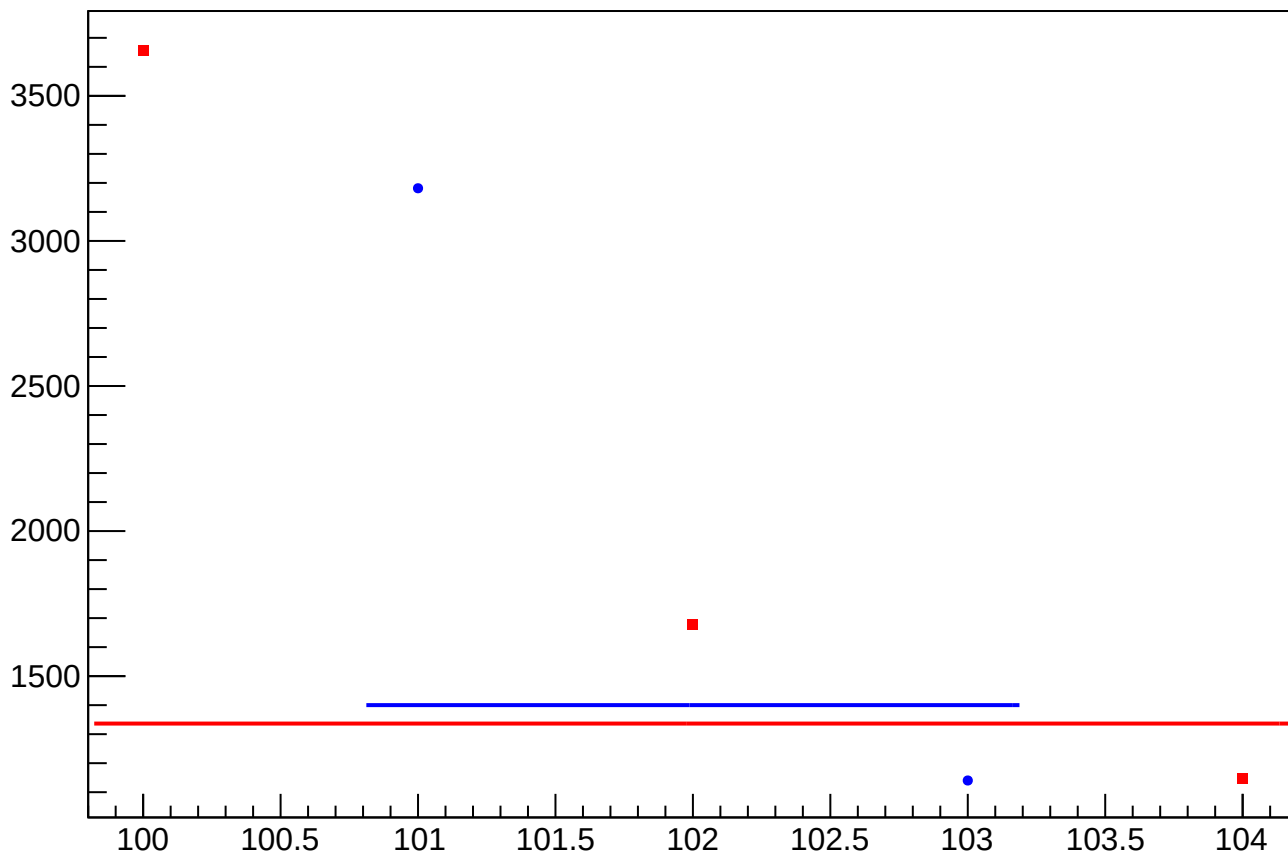
Right: -669.140+/-962.274 χ^2/NDF : 3.8/4

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -669.140+/-962.274 χ^2/NDF : 3.8/4

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: 1336.539+/-0.936 χ^2/NDF : 126667.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

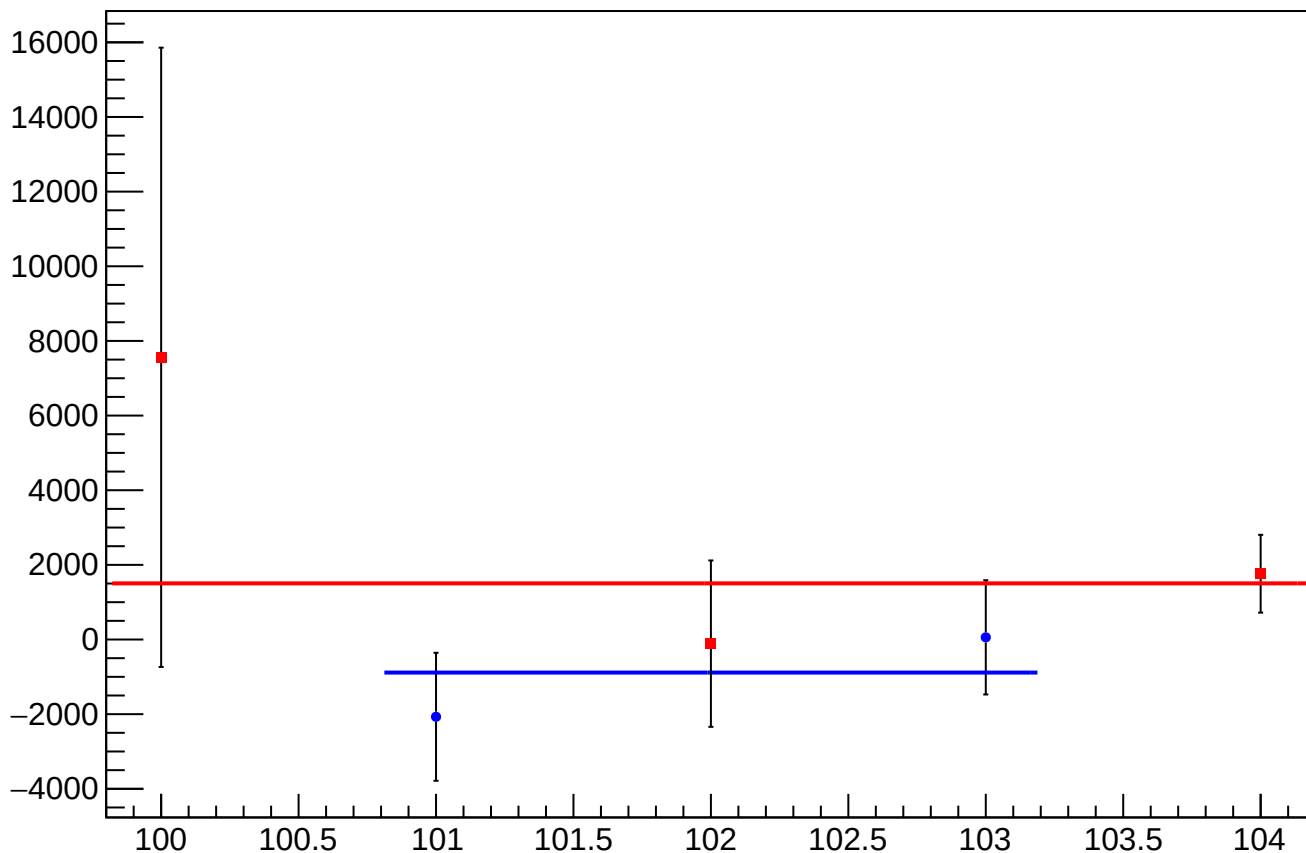
Right: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

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: 1504.589+/-938.230 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

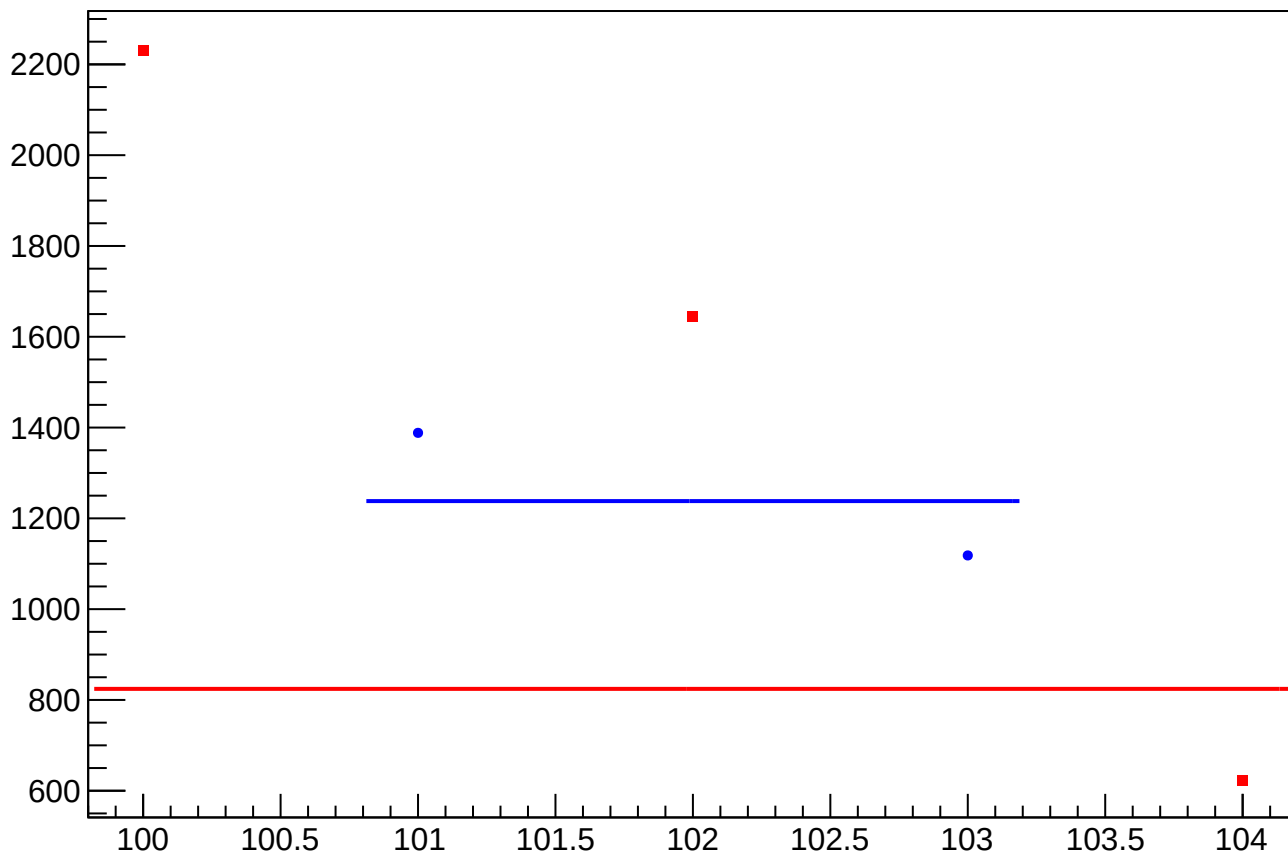
Right: 541.377+/-724.913 χ^2/NDF : 4.6/4

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.377+/-724.913 χ^2/NDF : 4.6/4

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: 824.396+/-0.663 χ^2/NDF : 403673.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

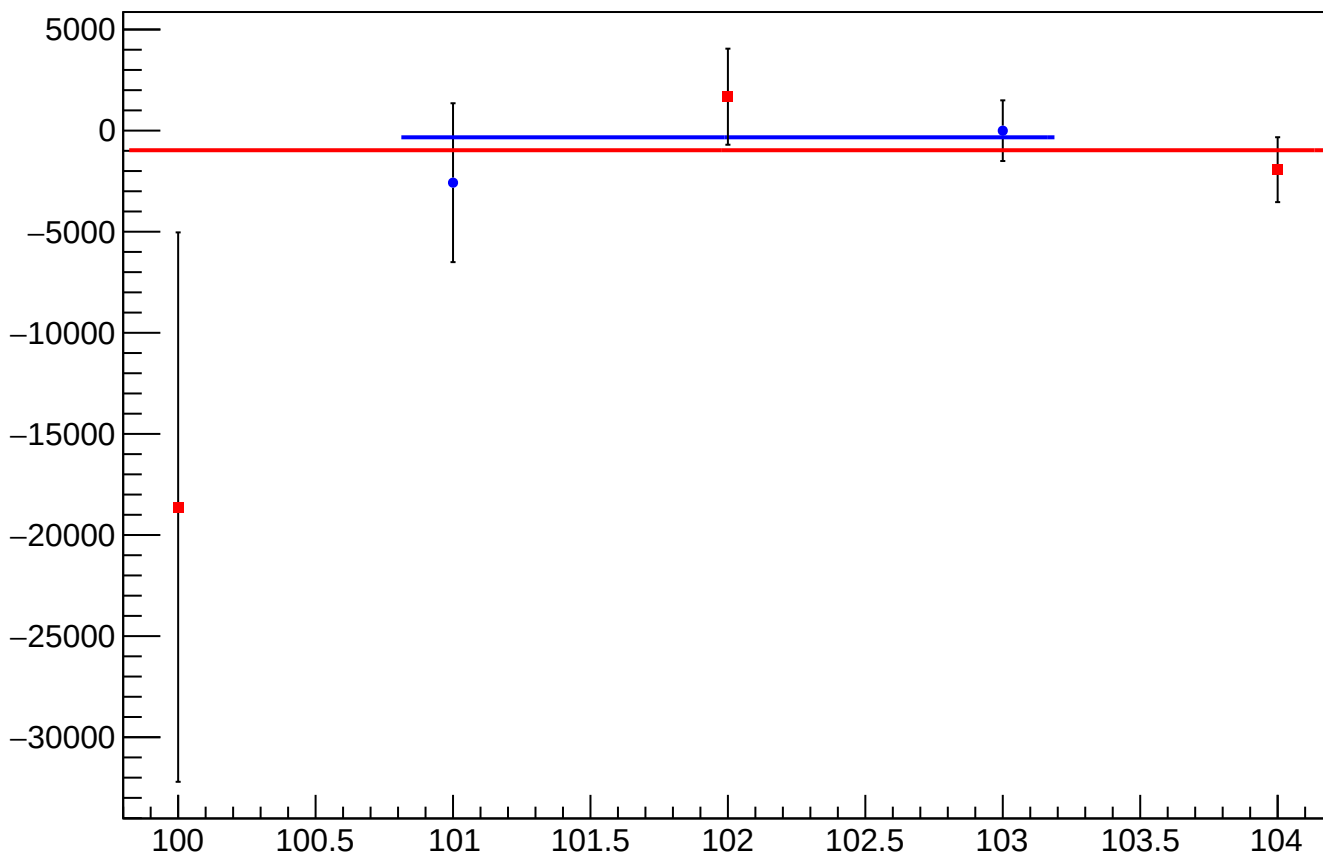
Right: 991.103+/-0.513 χ^2/NDF : 587949.5/4

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.103+/-0.513 χ^2/NDF : 587949.5/4

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: -970.495+/-1323.523 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

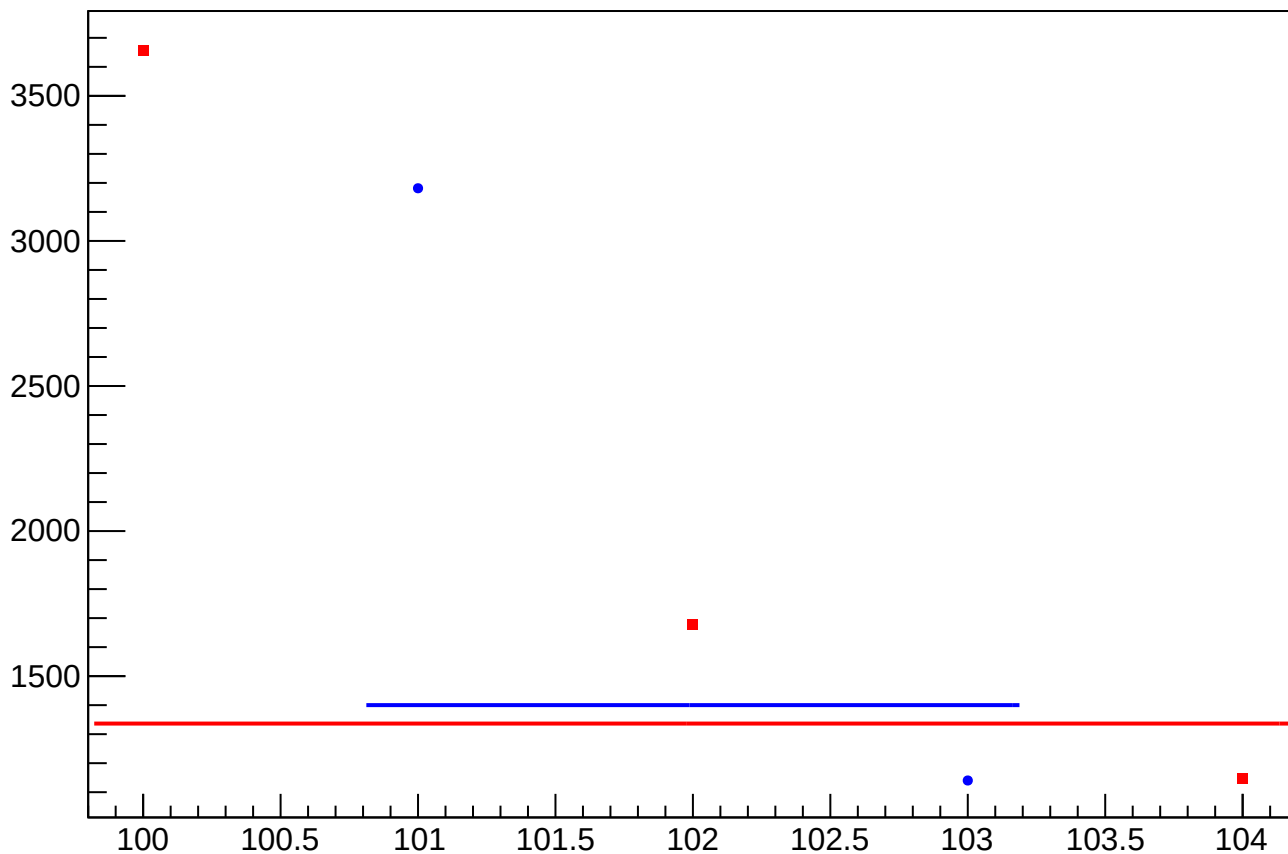
Right: -669.140+/-962.274 χ^2/NDF : 3.8/4

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -669.140+/-962.274 χ^2/NDF : 3.8/4

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: 1336.539+/-0.936 χ^2/NDF : 126667.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

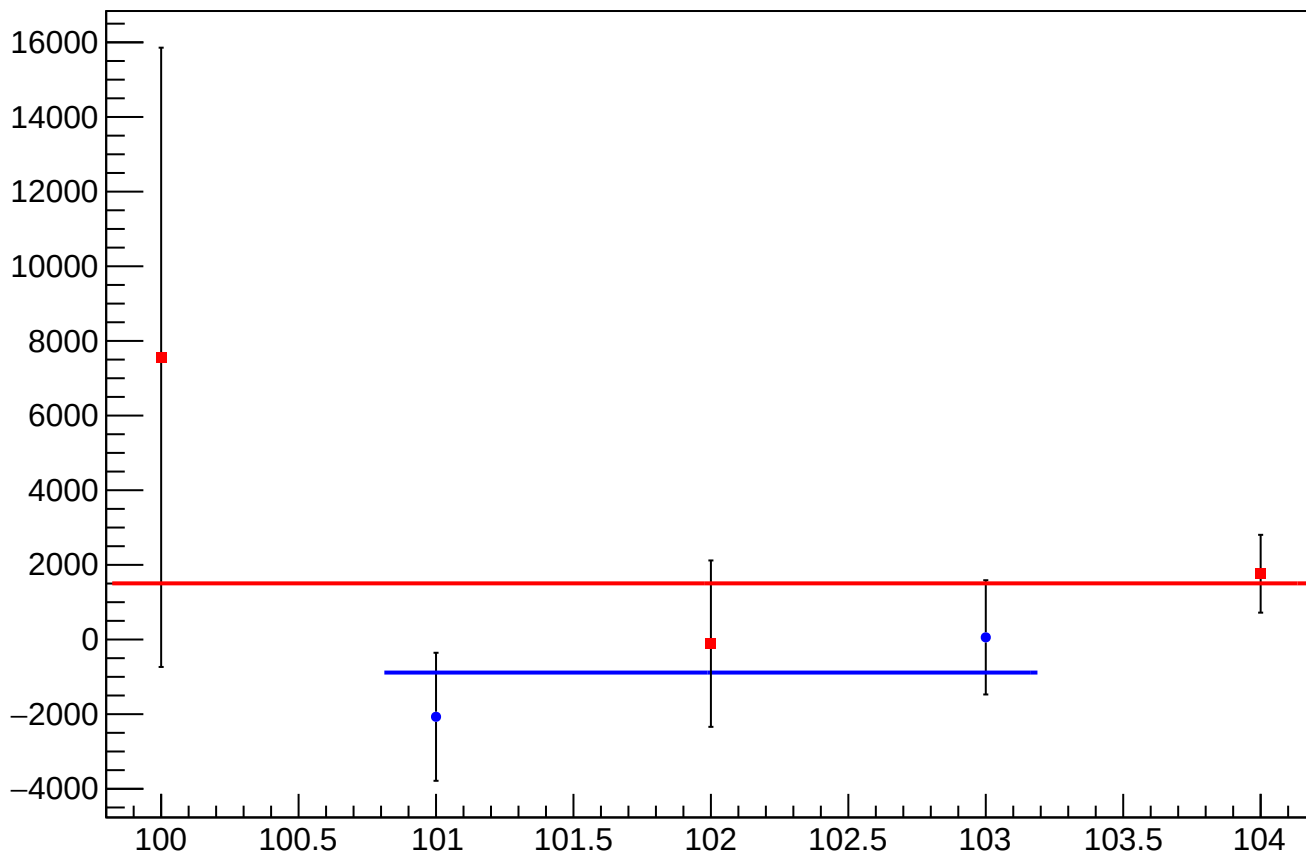
Right: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

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: 1504.589+/-938.230 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

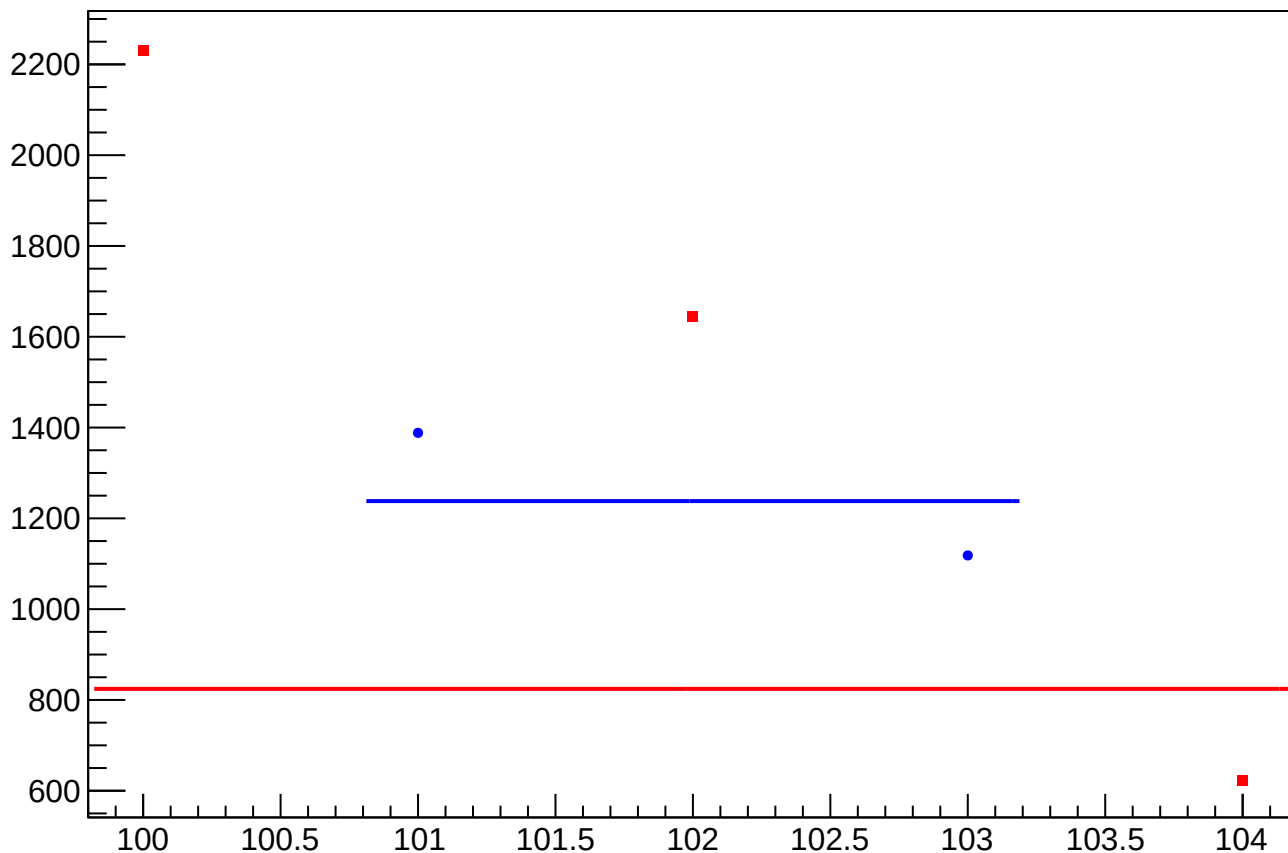
Right: 541.377+/-724.913 χ^2/NDF : 4.6/4

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.377+/-724.913 χ^2/NDF : 4.6/4

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: 824.396+/-0.663 χ^2/NDF : 403673.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

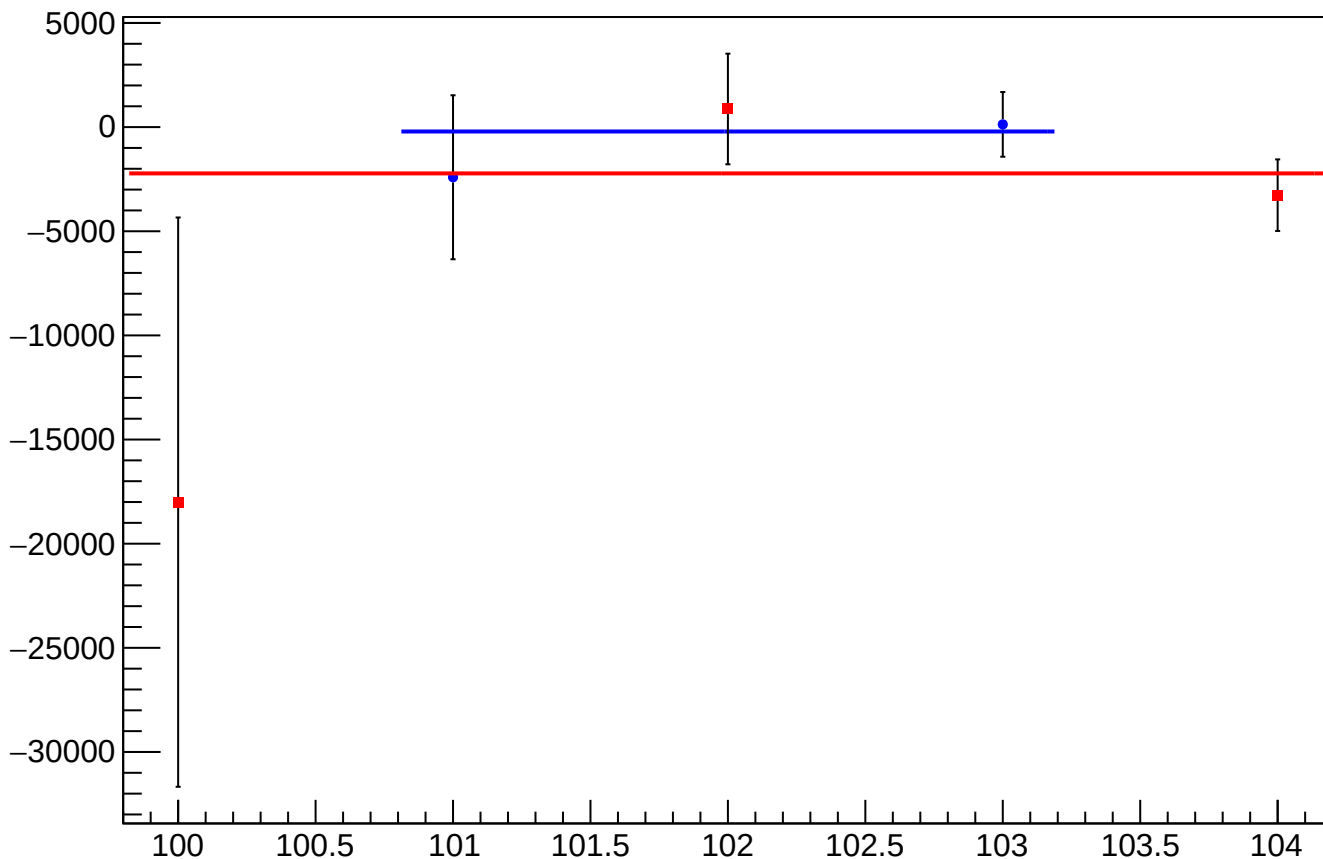
Right: 991.103+/-0.513 χ^2/NDF : 587949.5/4

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.103+/-0.513 χ^2/NDF : 587949.5/4

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: -2222.639+/-1434.284 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

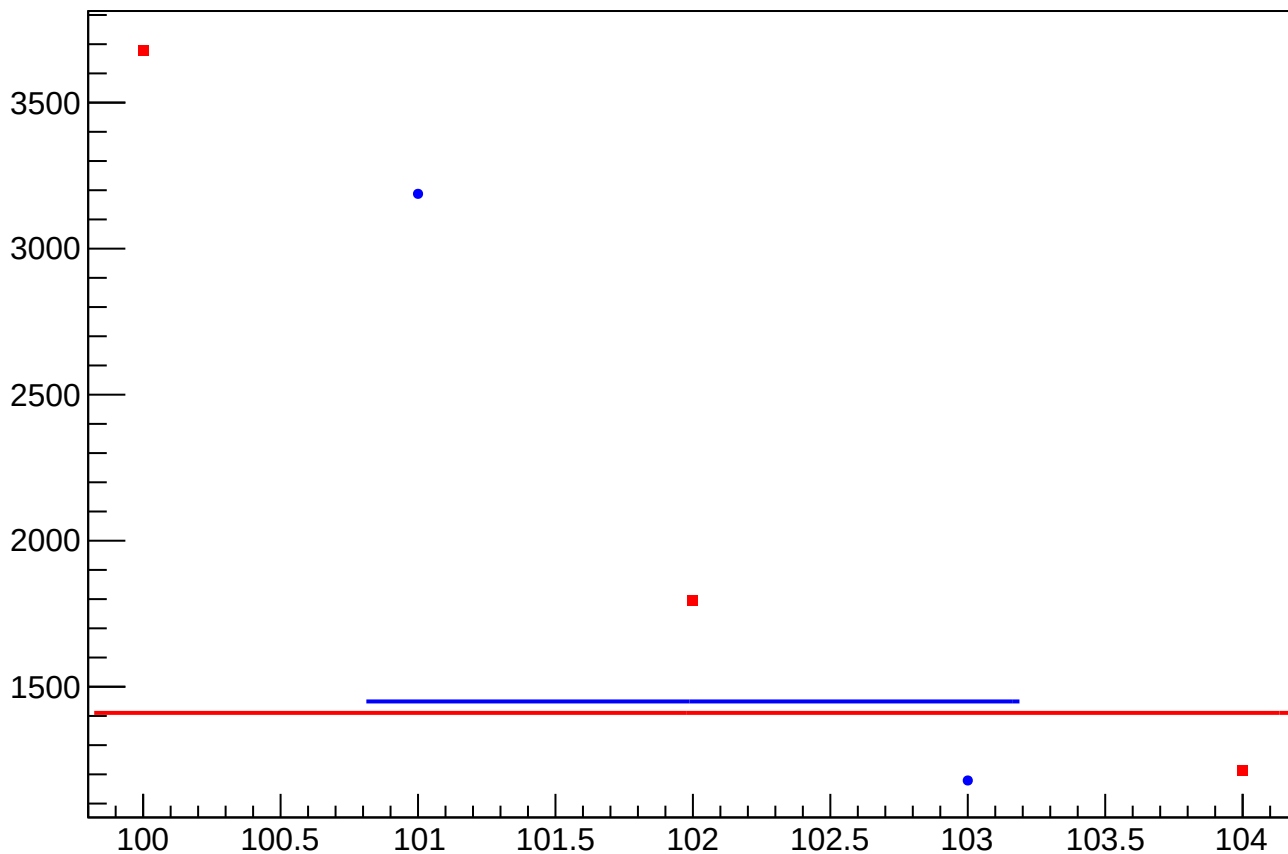
Right: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

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: 1410.526+/-1.014 χ^2/NDF : 123185.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

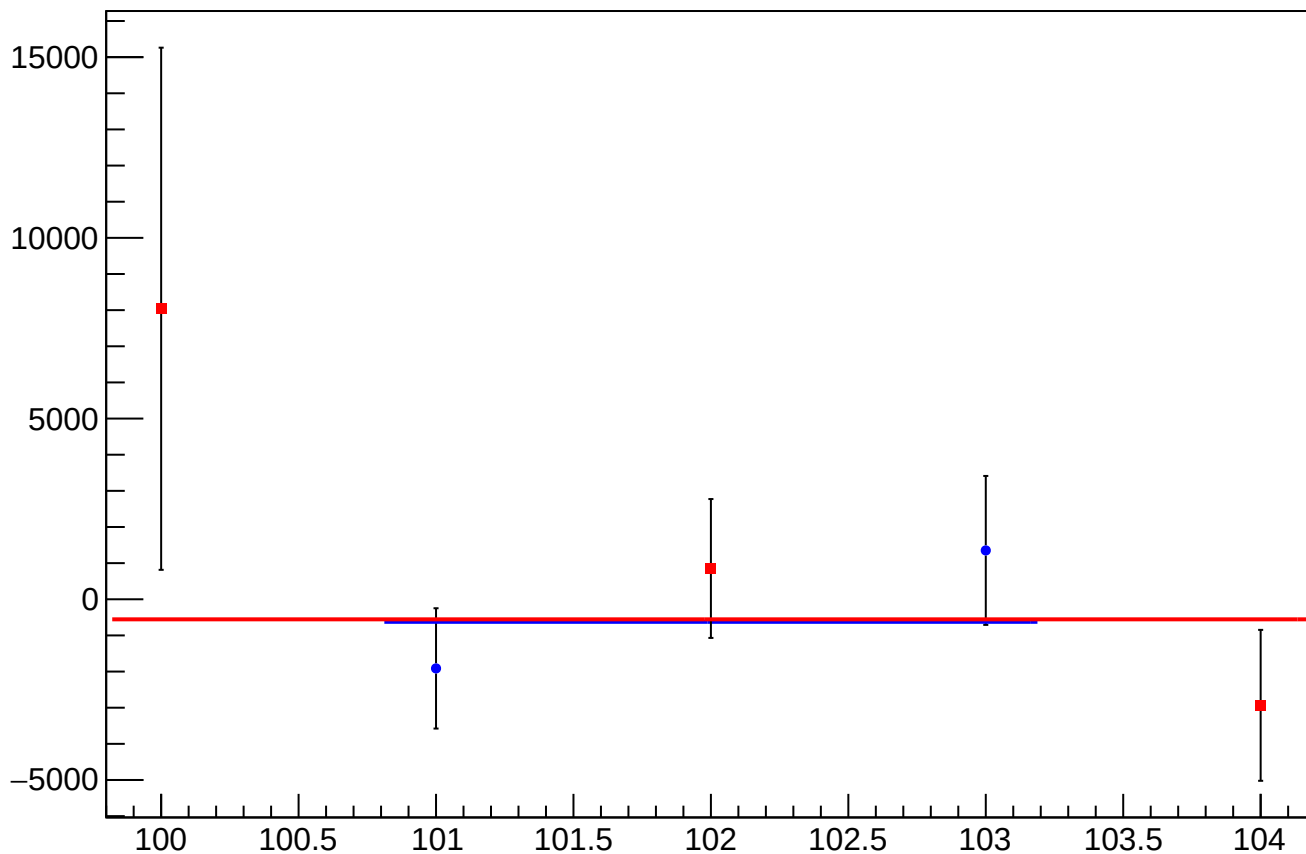
Right: 1429.946+/-0.720 χ^2/NDF : 574560.1/4

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.946+/-0.720 χ^2/NDF : 574560.1/4

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: -555.011+/-1387.456 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

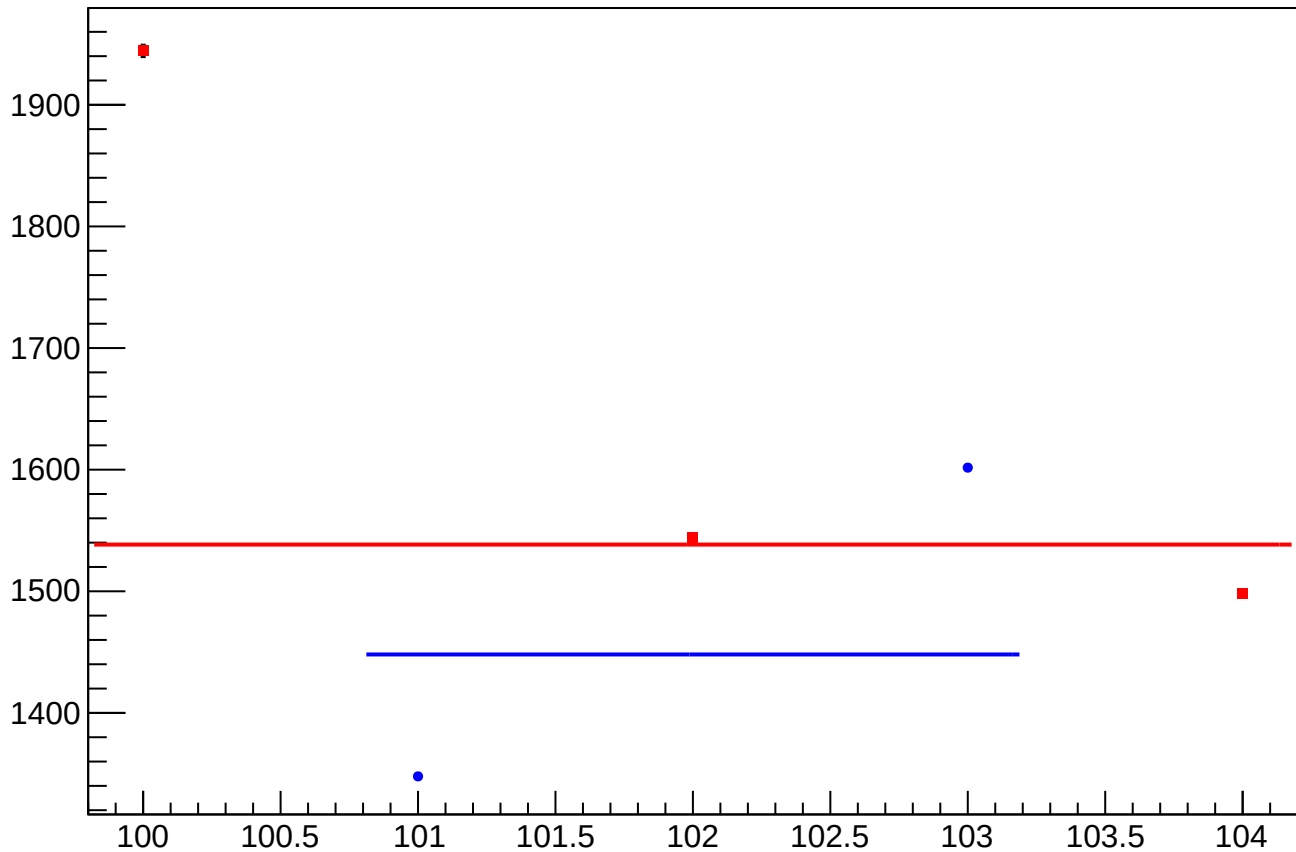
Right: -591.651+/-946.636 χ^2/NDF : 4.8/4

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.651+/-946.636 χ^2/NDF : 4.8/4

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: 1538.402+/-0.981 χ^2/NDF : 7082.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

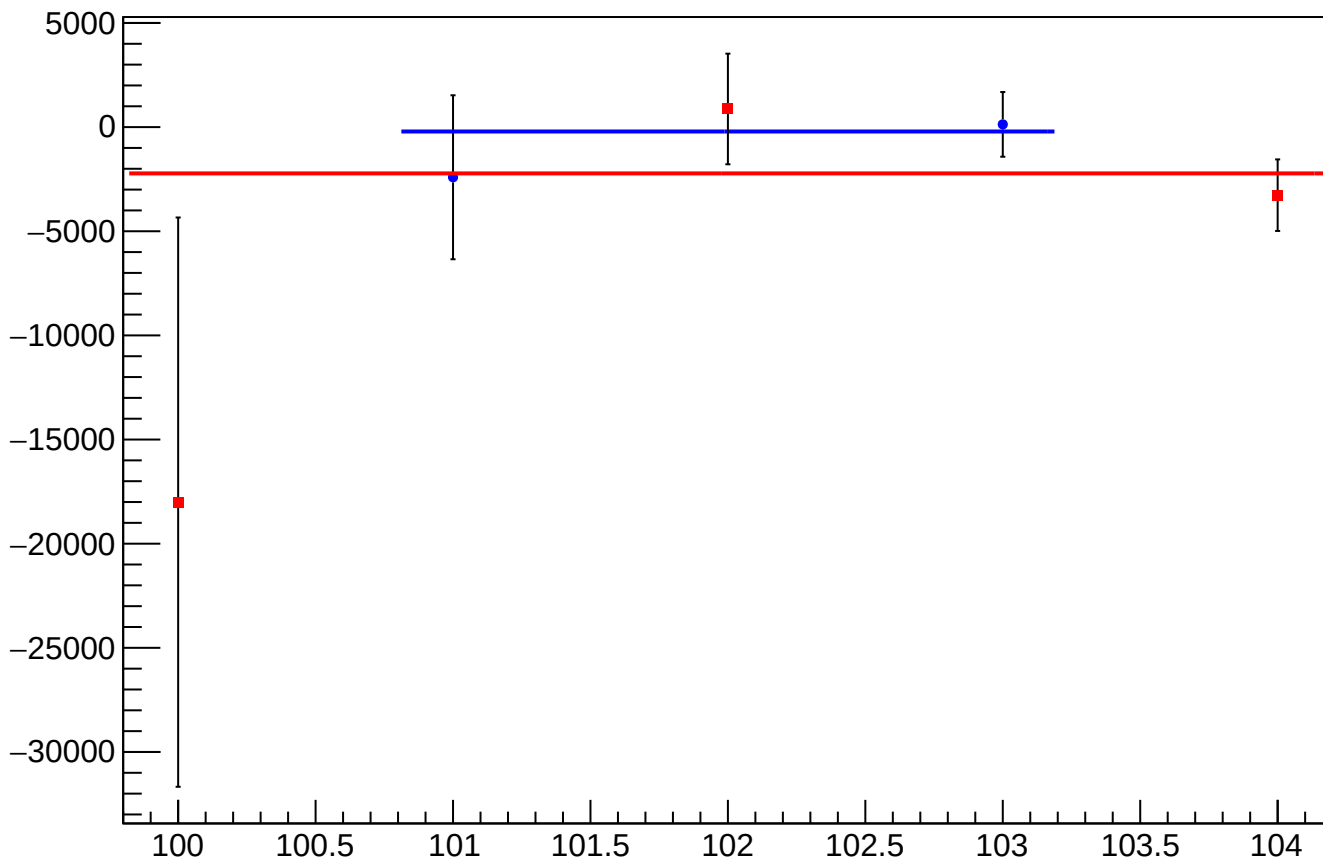
Right: 1490.115+/-0.669 χ^2/NDF : 29982.4/4

In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.115+/-0.669 χ^2/NDF : 29982.4/4

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: -2222.642+/-1434.284 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

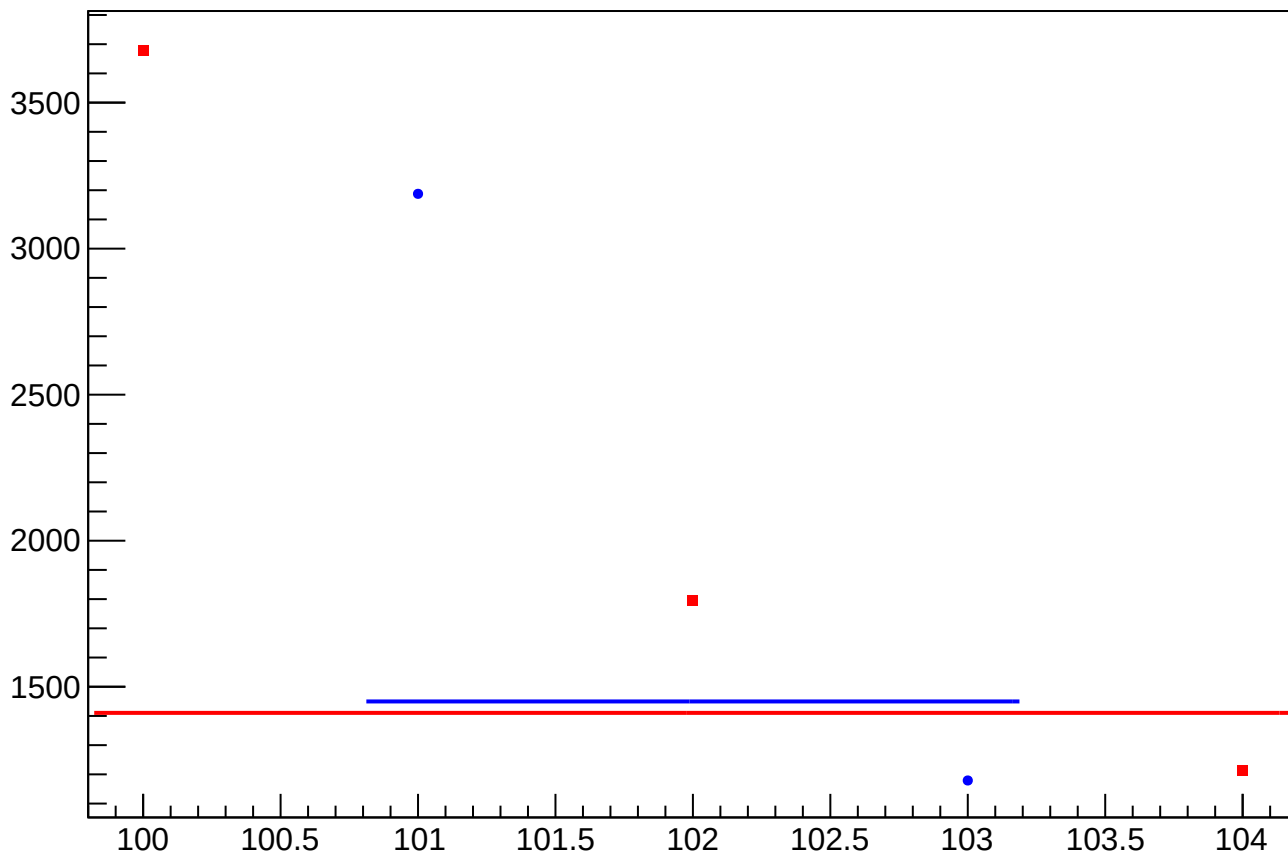
Right: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

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: 1410.527+/-1.014 χ^2/NDF : 123185.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

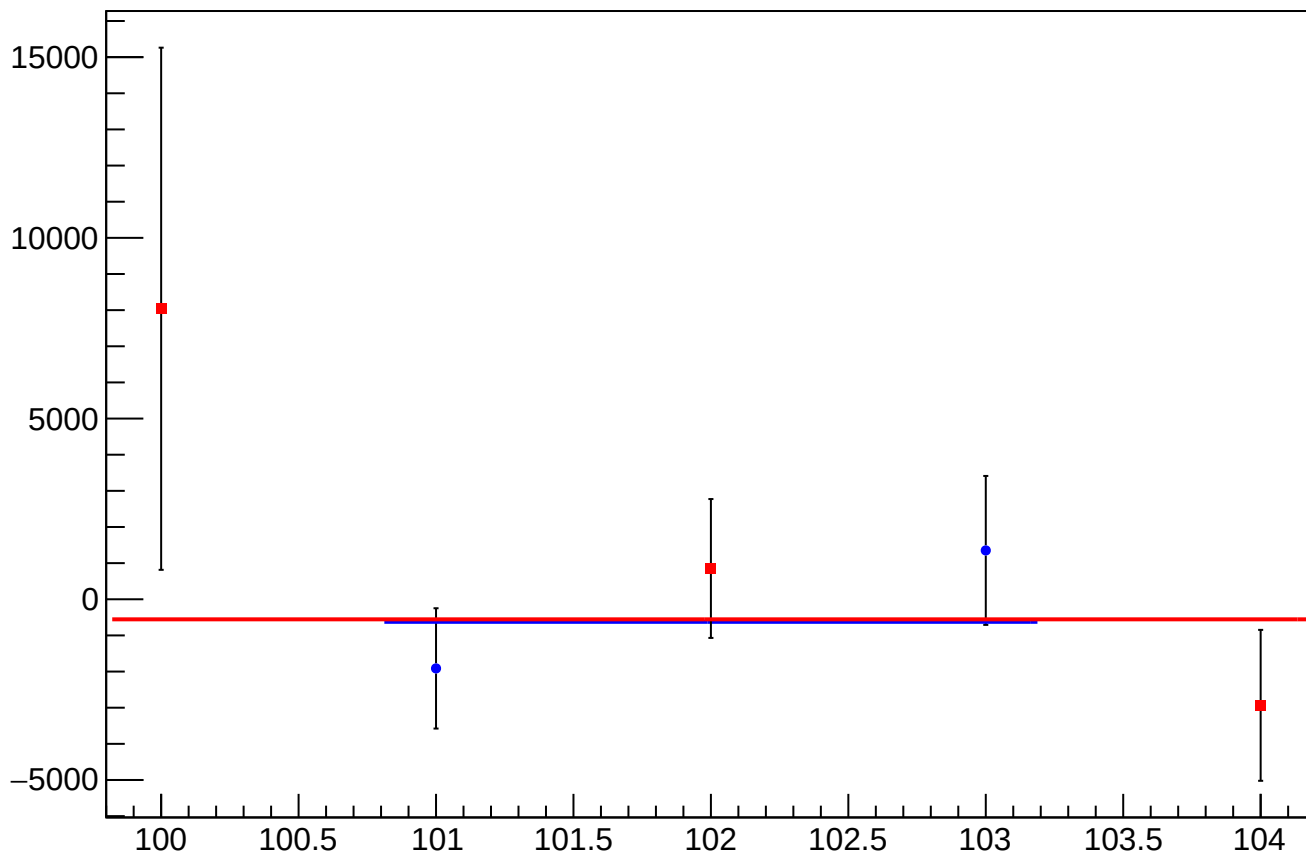
Right: 1429.946+/-0.720 χ^2/NDF : 574559.9/4

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.946+/-0.720 χ^2/NDF : 574559.9/4

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: -555.010+/-1387.456 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

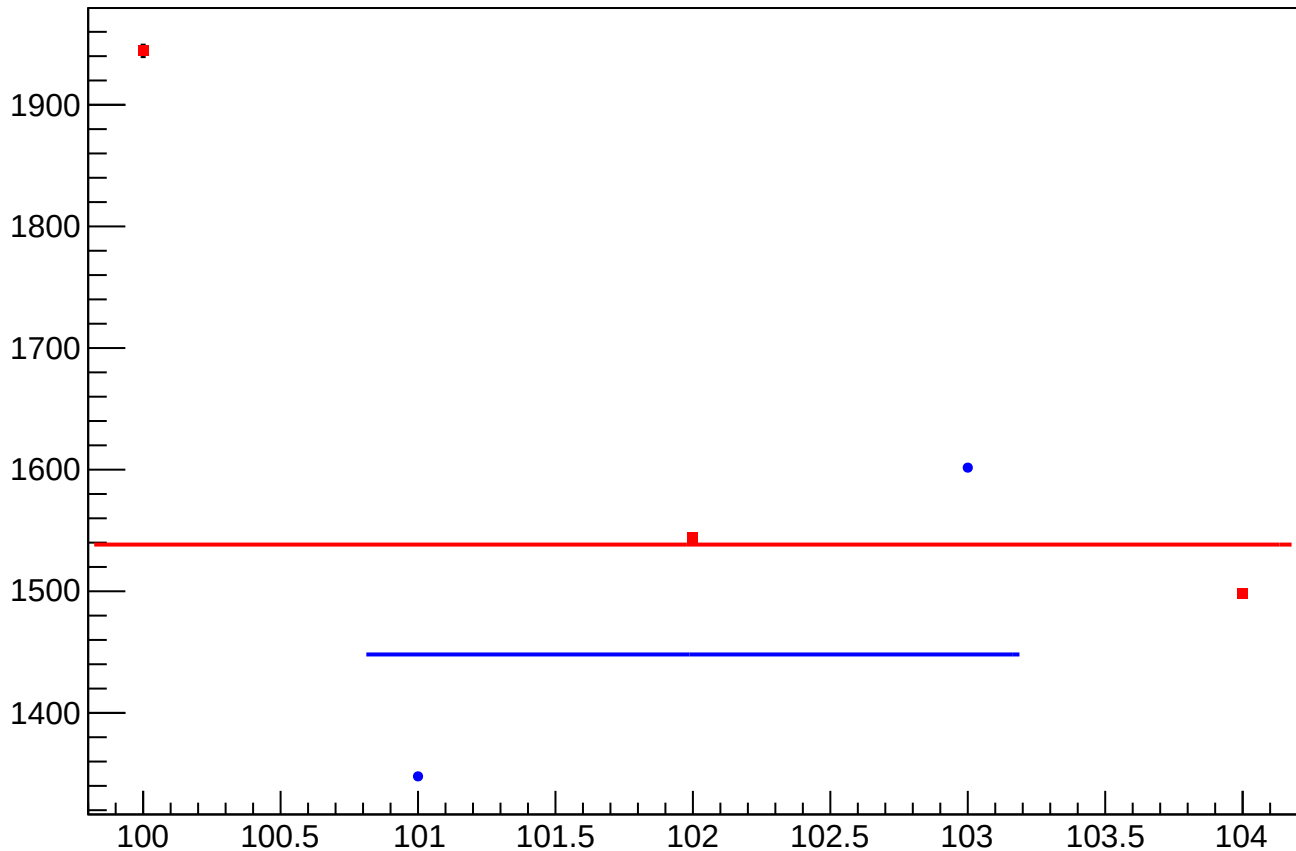
Right: -591.649+/-946.636 χ^2/NDF : 4.8/4

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.649+/-946.636 χ^2/NDF : 4.8/4

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.403+/-0.981 χ^2/NDF : 7082.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

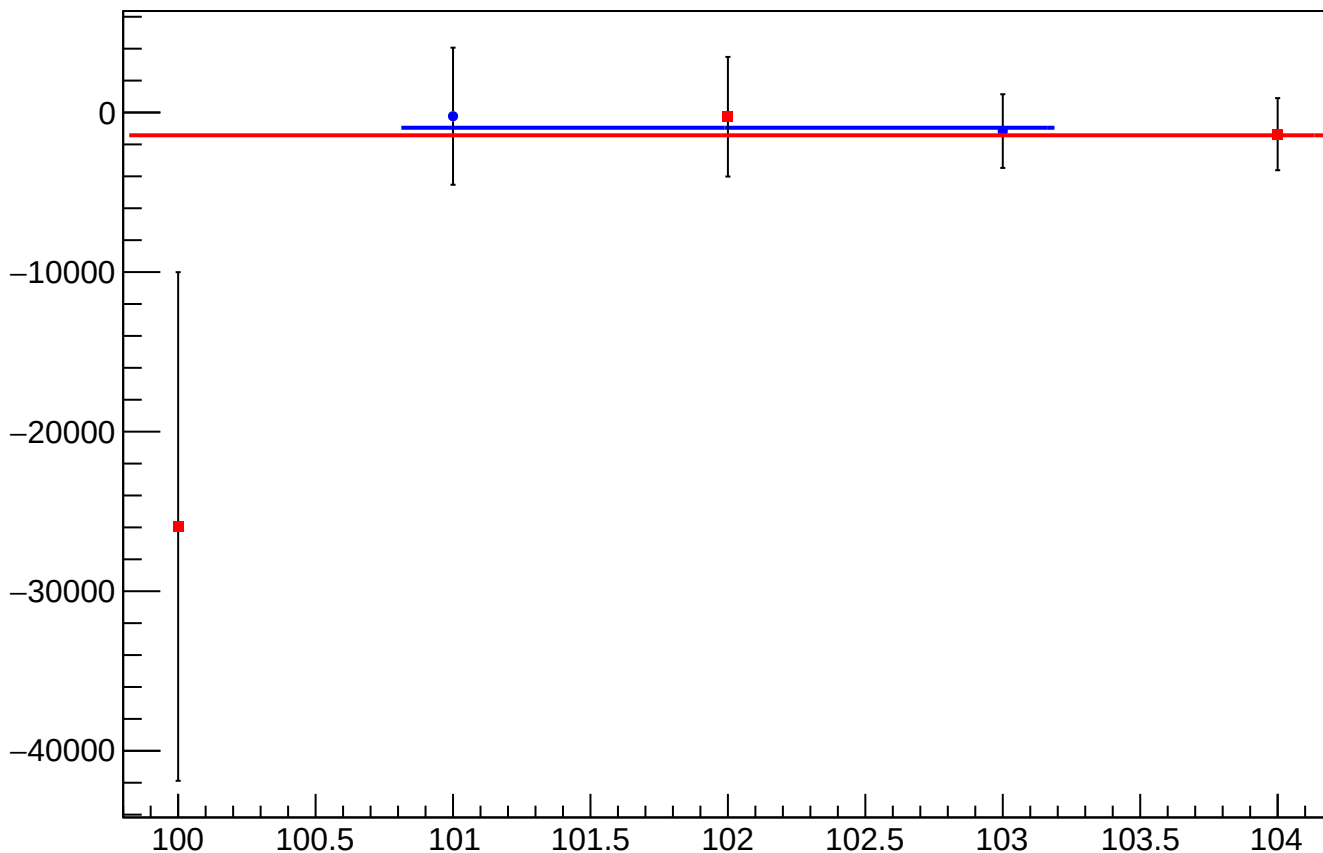
Right: 1490.114+/-0.669 χ^2/NDF : 29983.1/4

In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.114+/-0.669 χ^2/NDF : 29983.1/4

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: -1428.108+/-1921.002 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

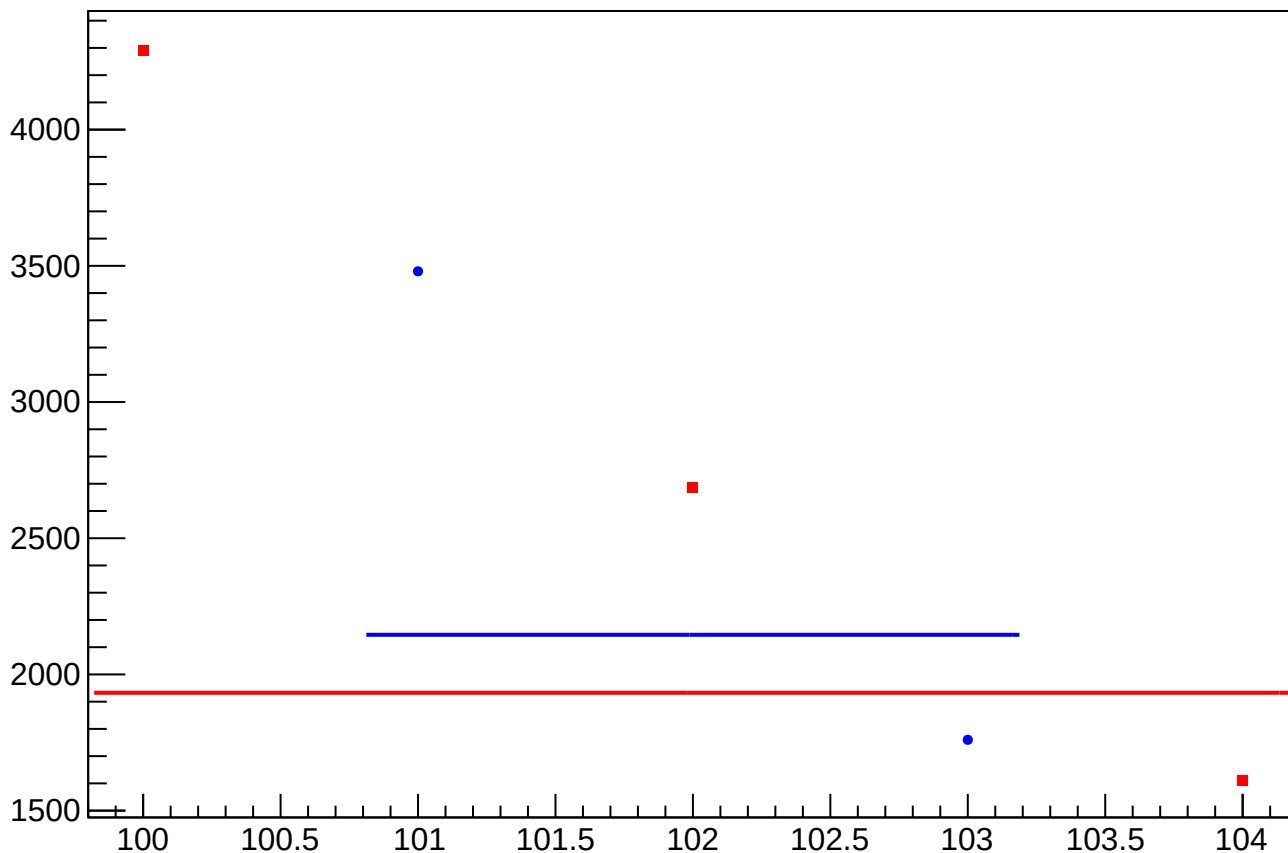
Right: -1205.370+/-1396.486 χ^2/NDF : 2.5/4

In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1205.370+/-1396.486 χ^2/NDF : 2.5/4

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: 1932.564+/-1.358 χ^2/NDF : 165223.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

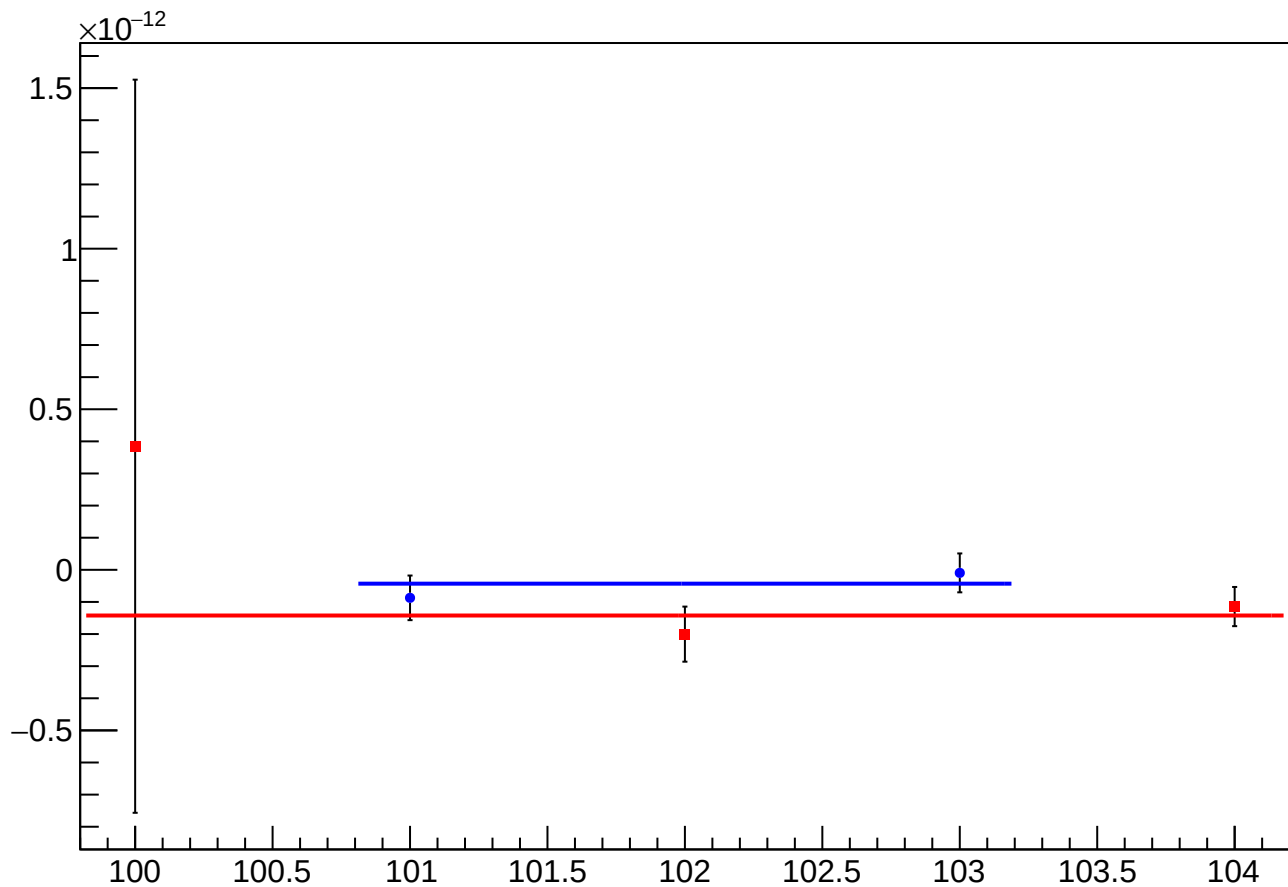
Right: 2032.951+/-0.987 χ^2/NDF : 425576.8/4

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.951+/-0.987 χ^2/NDF : 425576.8/4

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 : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

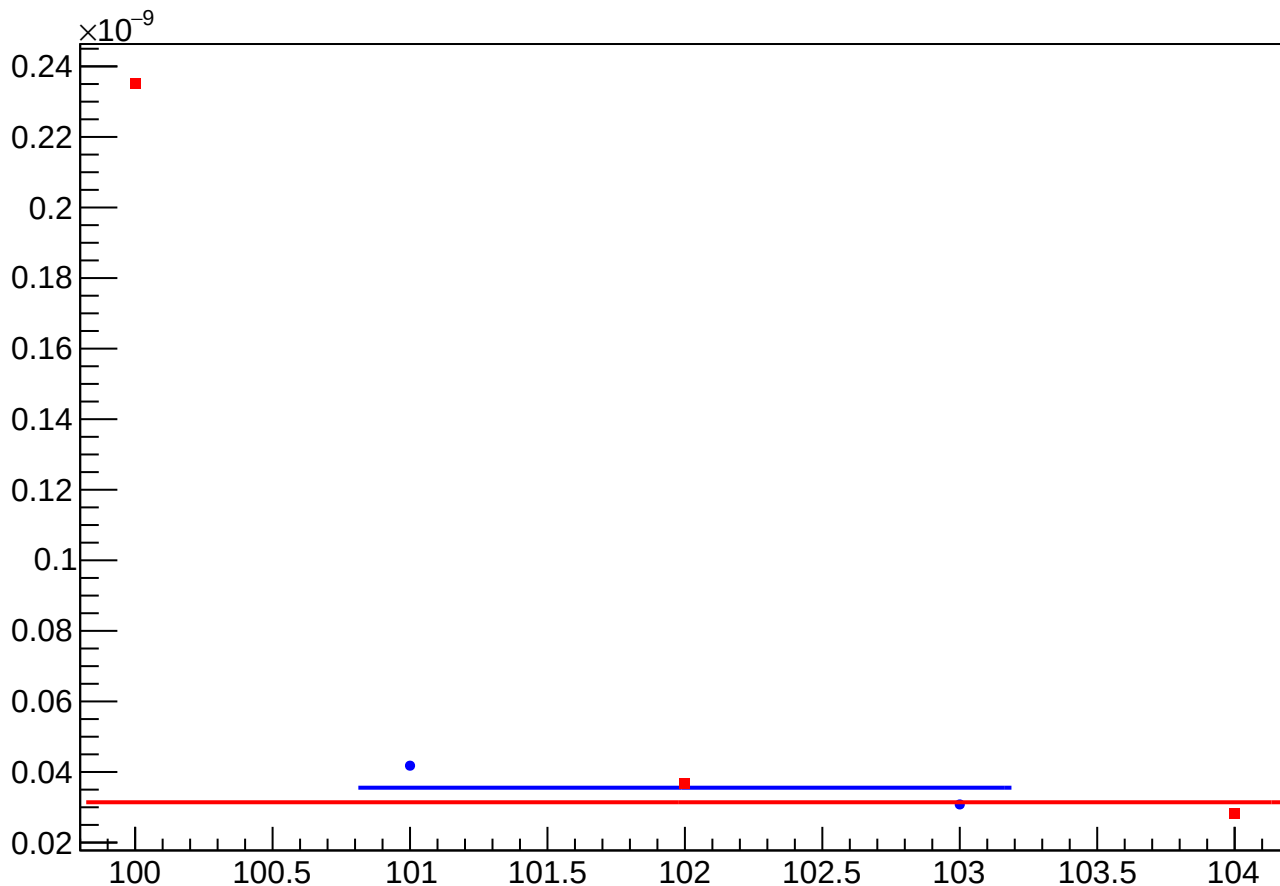
Right: -0.000+/-0.000 χ^2/NDF : 3.8/4

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 76732.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

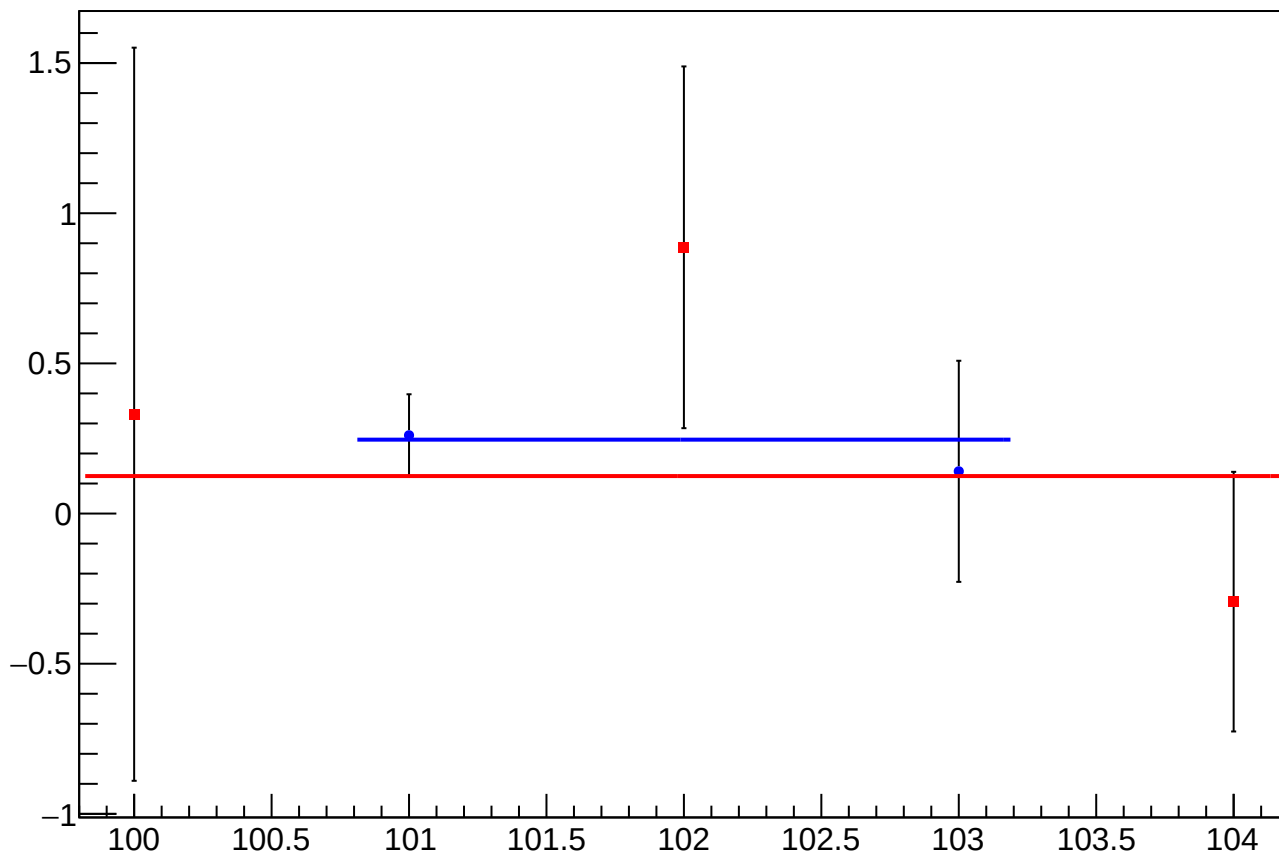
Right: 0.000+/-0.000 χ^2/NDF : 112644.9/4

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 : 112644.9/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

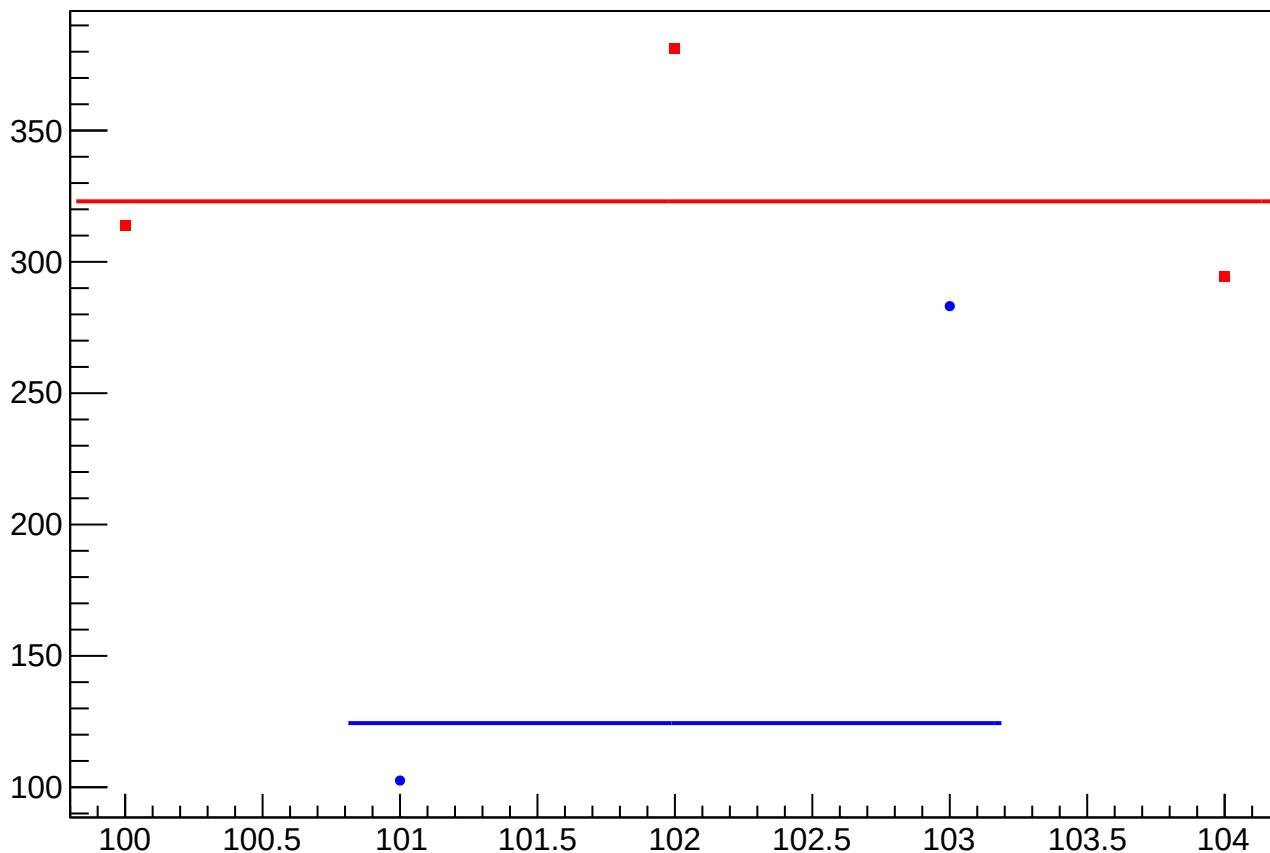
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 323.038 $\pm$ 0.239 χ^2 /NDF: 27555.0/2

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

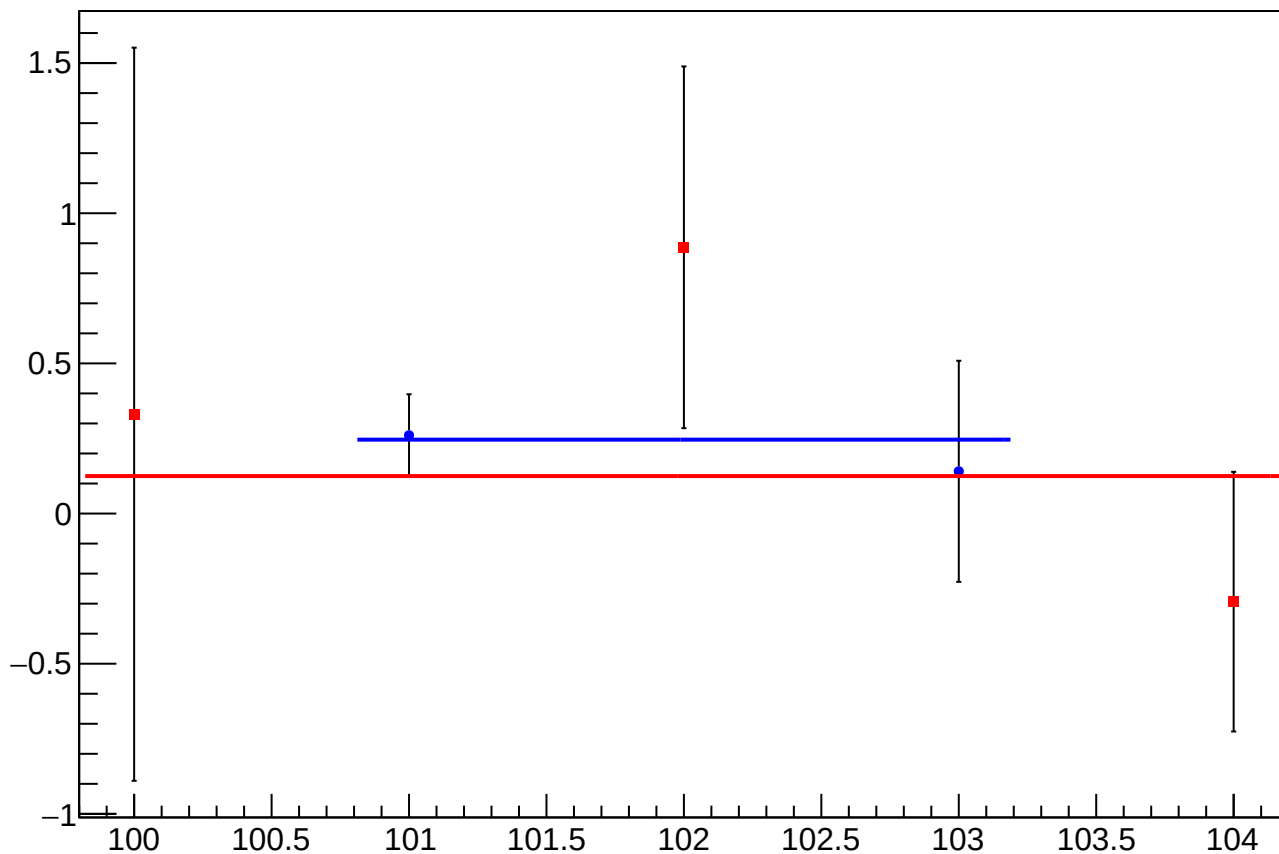
Right: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

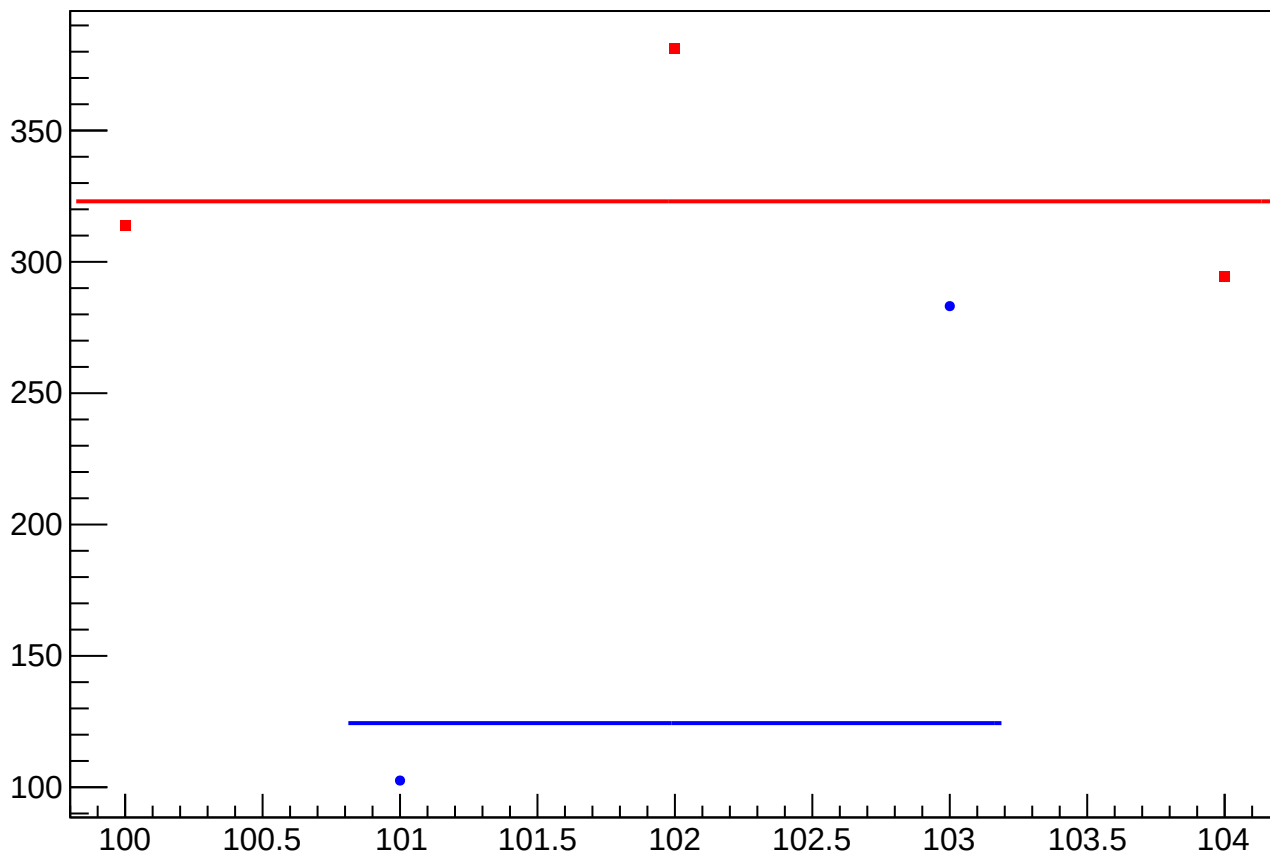
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 323.038 $\pm$ 0.239 χ^2 /NDF: 27555.0/2

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

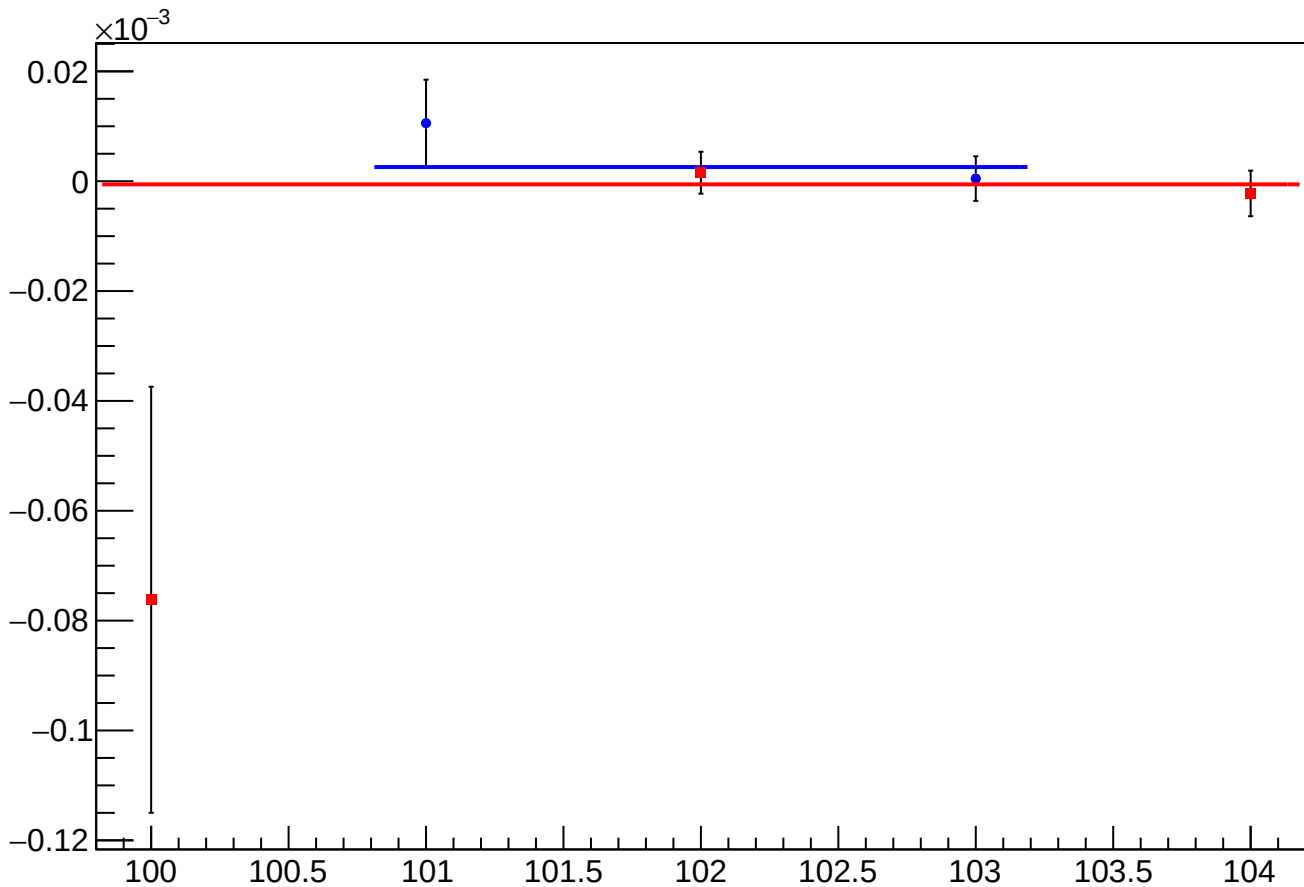
Right: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

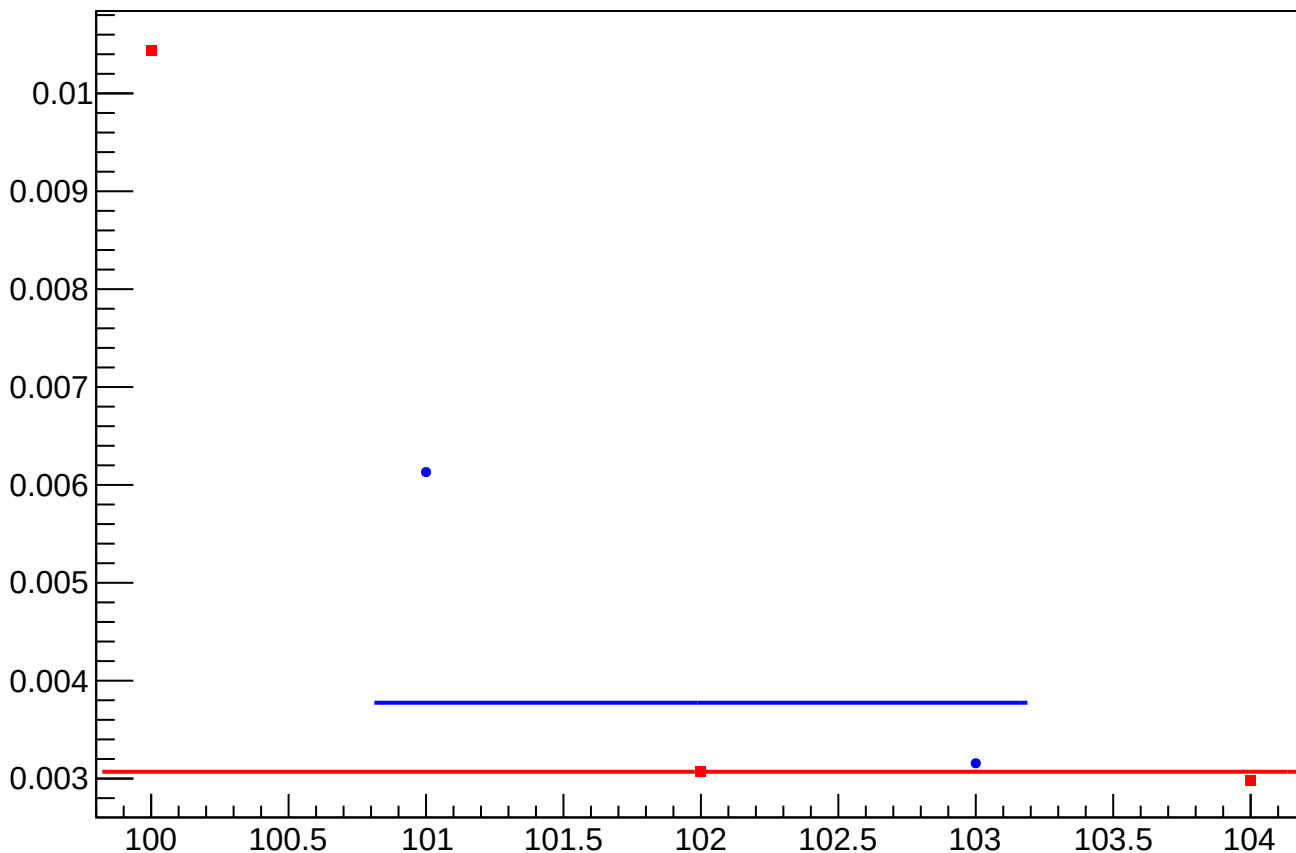
Right: 0.000+/-0.000 χ^2/NDF : 6.0/4

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 : 6.0/4

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 223303.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 73151.7/2

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

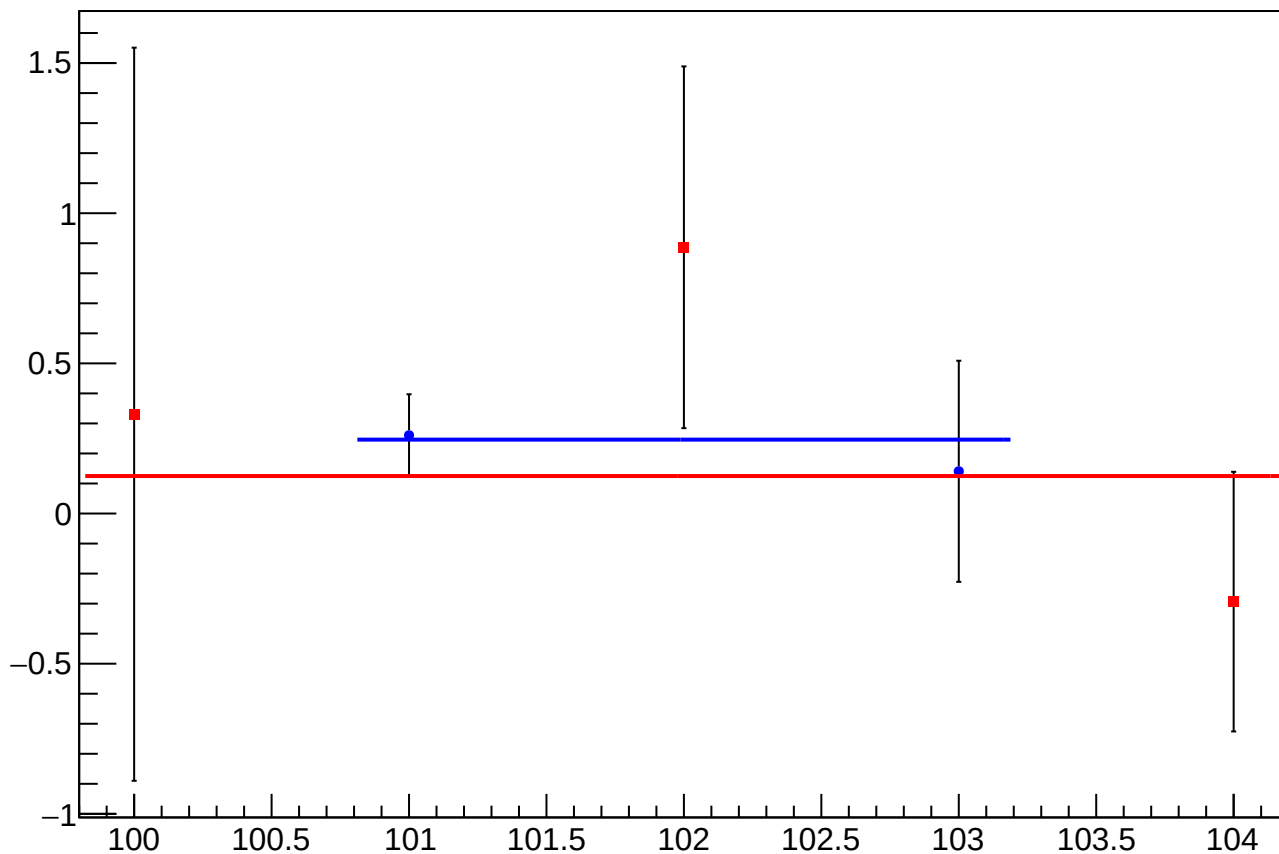
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 344023.4/4

In: 0.004 $\pm$ 0.000 χ^2 /NDF:223303.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 344023.4/4

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.246 $\pm$ 0.128 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

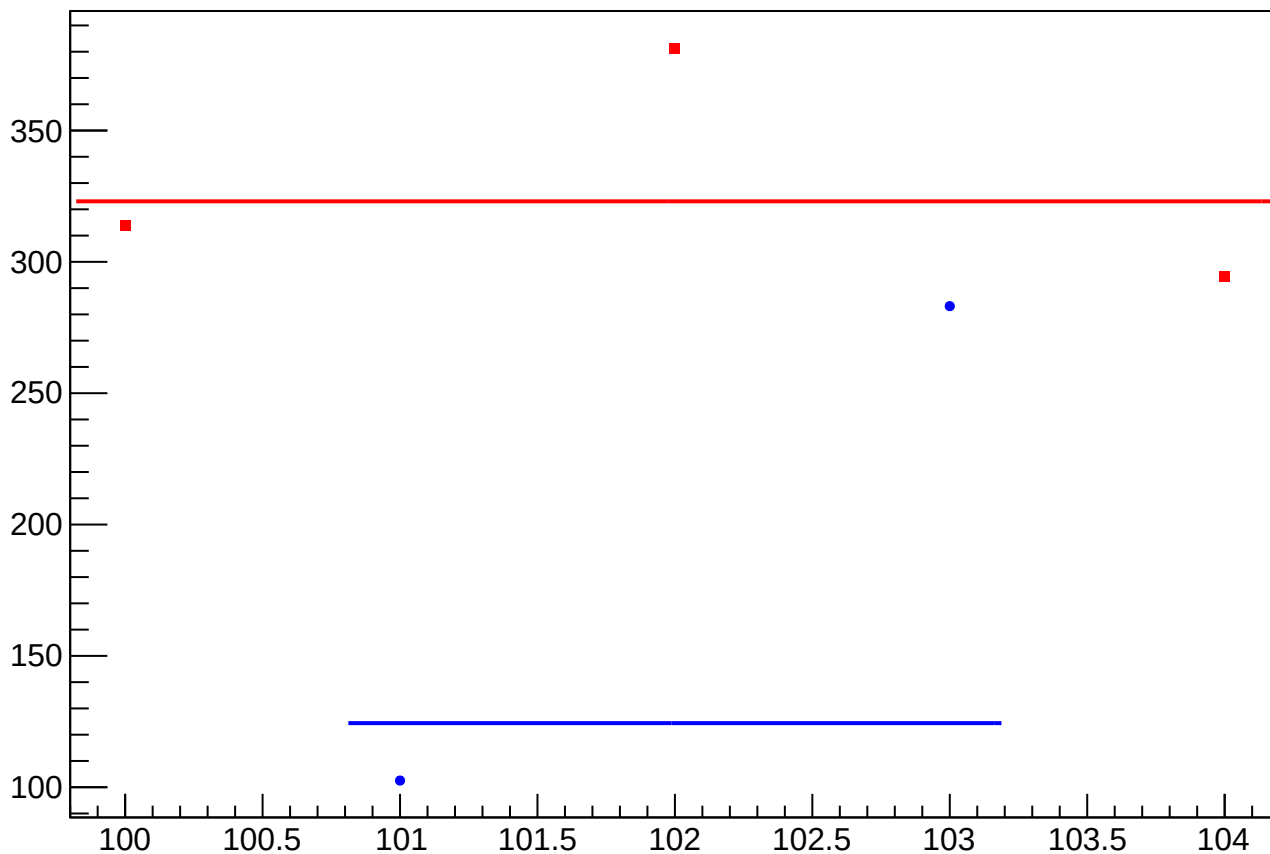
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

asym_atl_avg_atr_avg_dd_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: 323.040 $\pm$ 0.239 χ^2 /NDF: 27555.3/2

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

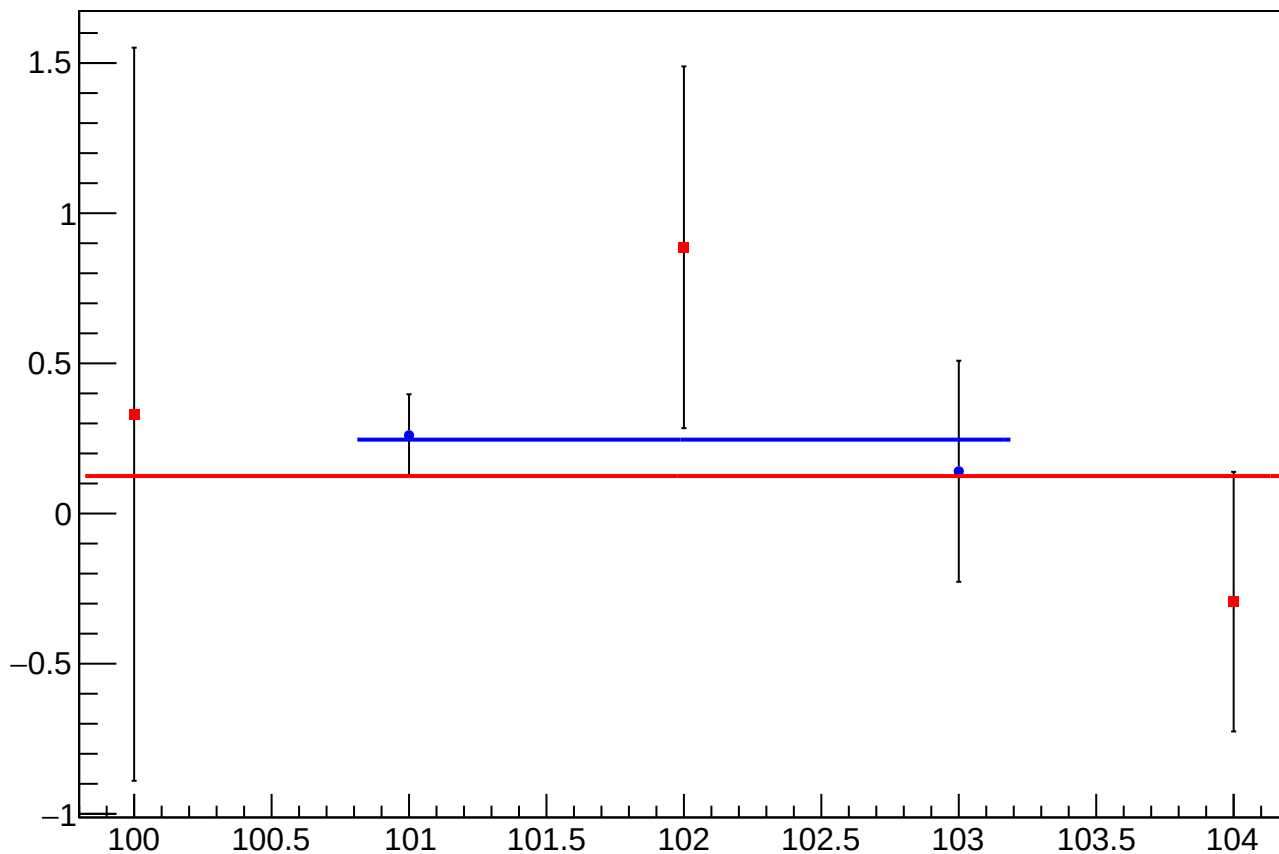
Right: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

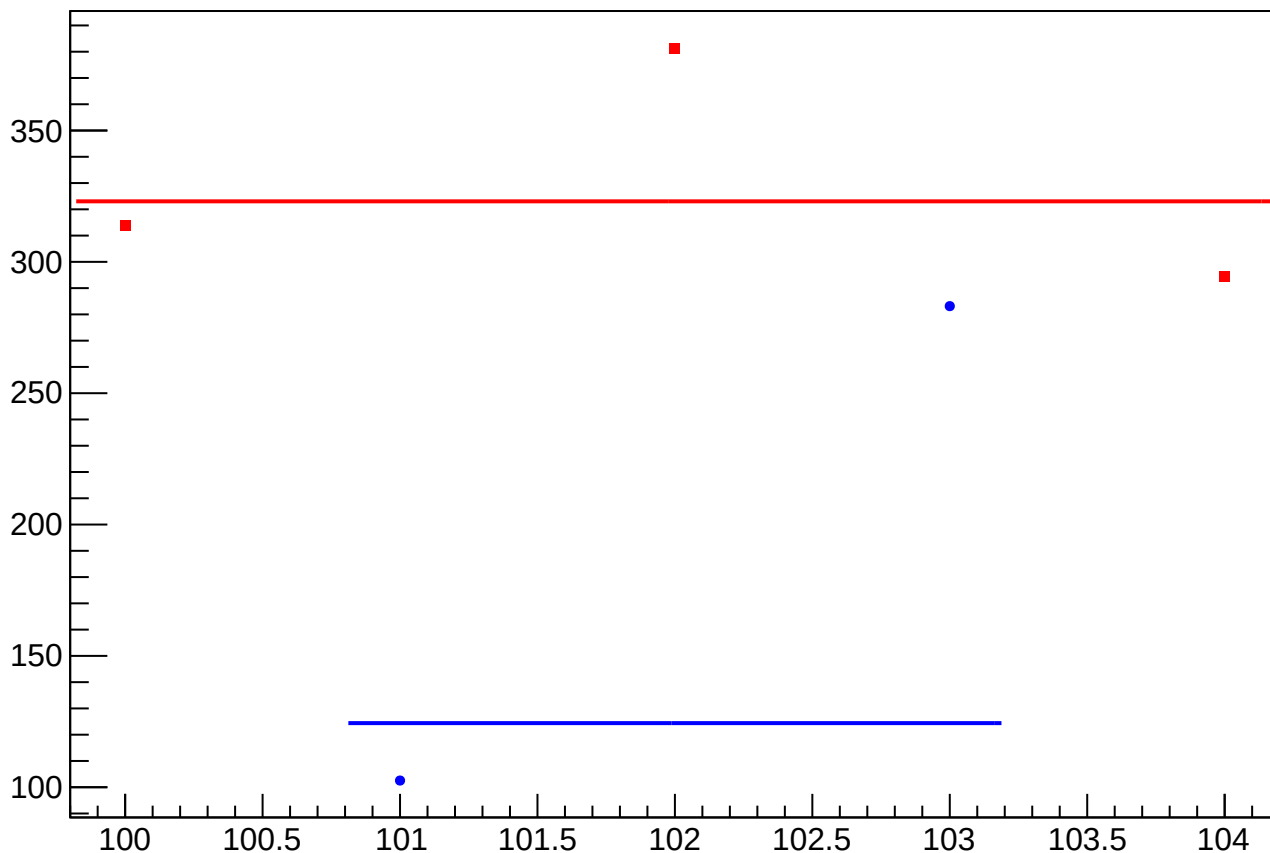
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 323.040 $\pm$ 0.239 χ^2 /NDF: 27555.3/2

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

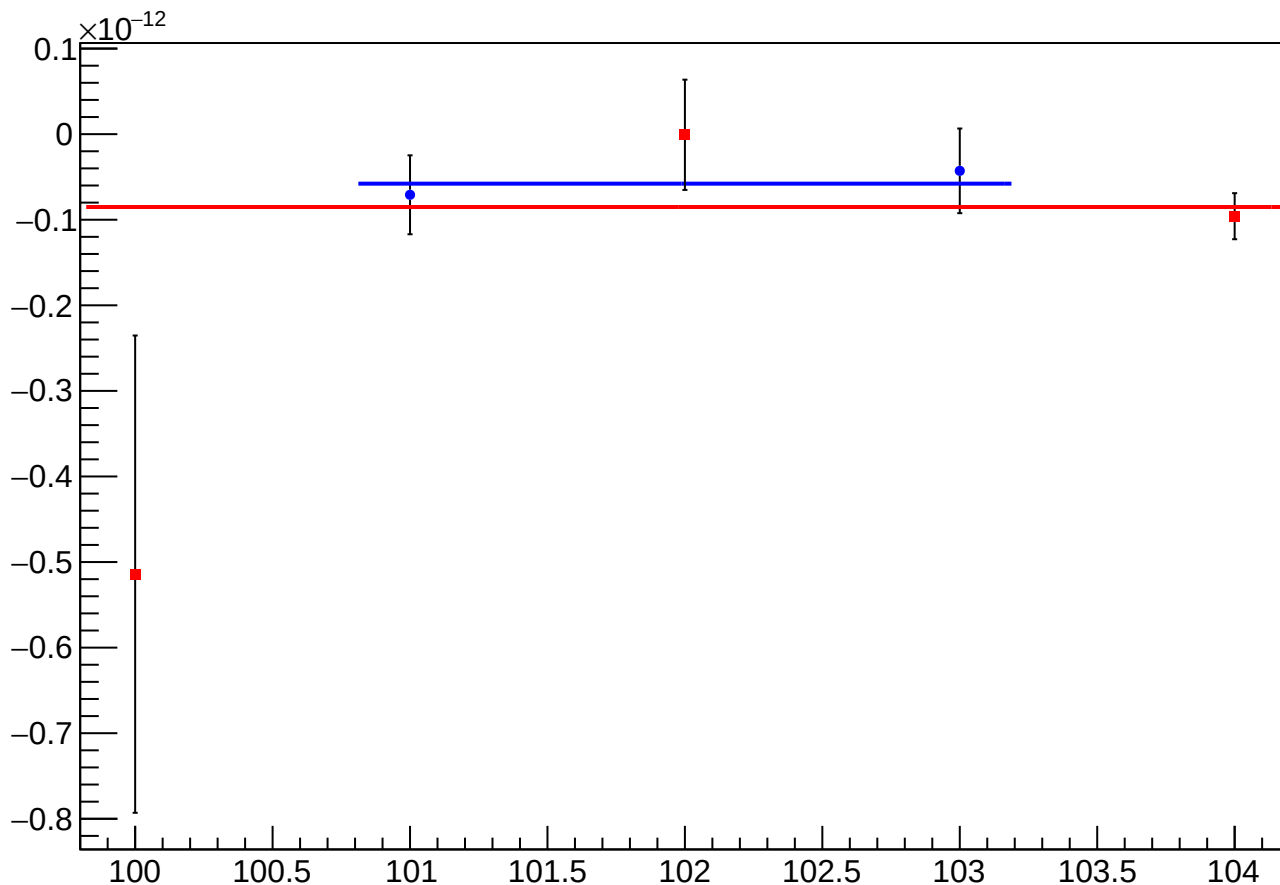
Right: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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 : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

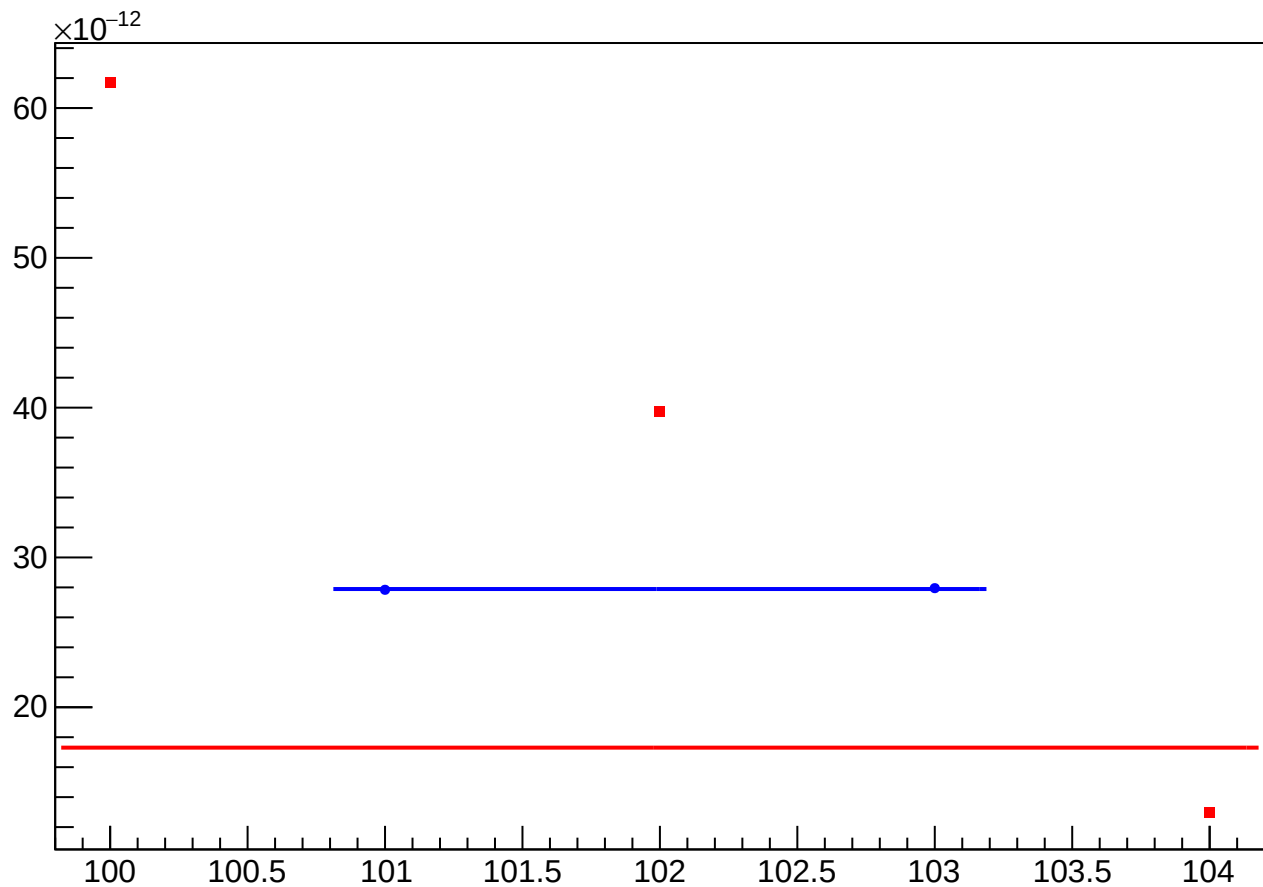
Right: -0.000+/-0.000 χ^2/NDF : 4.8/4

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 : 4.8/4

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 : 345414.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

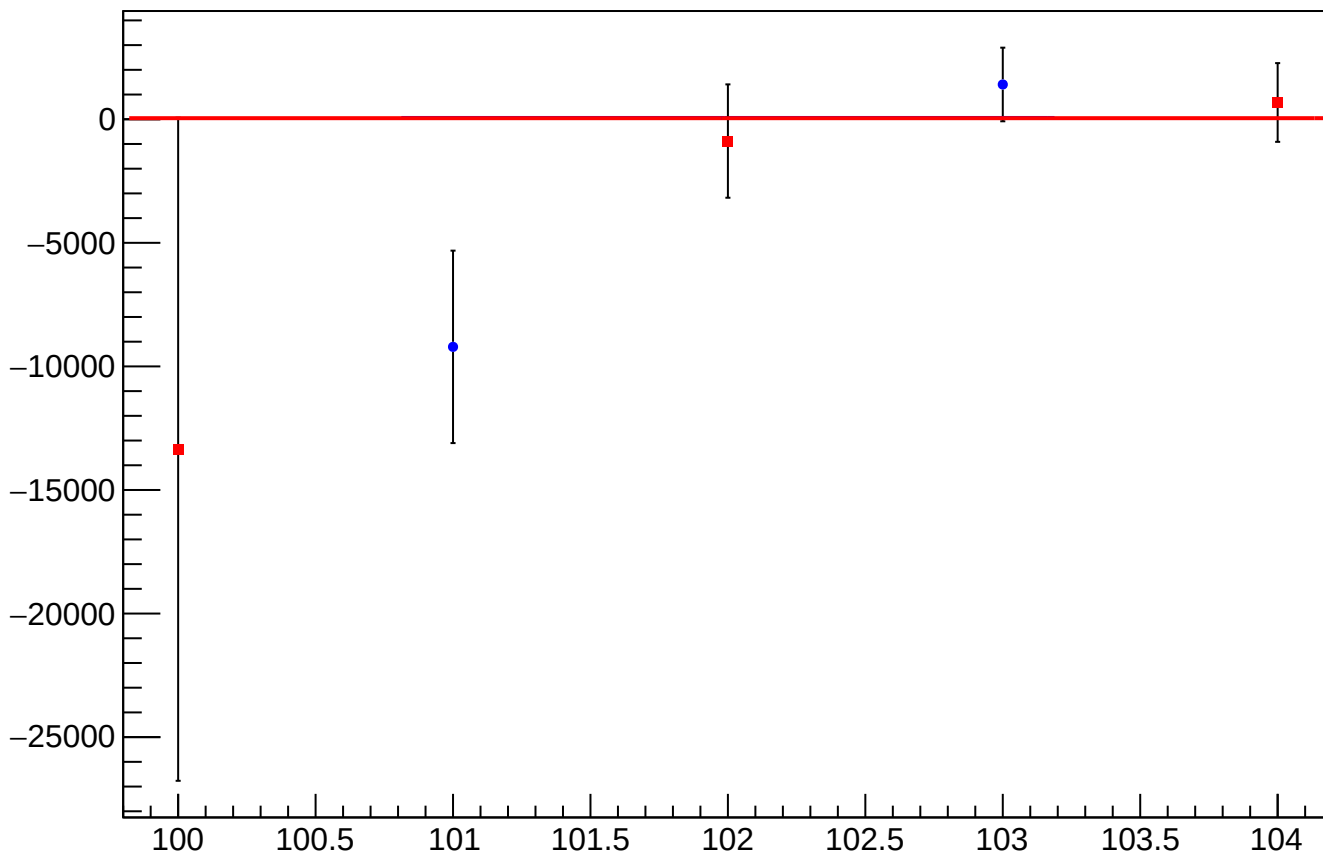
Right: 0.000+/-0.000 χ^2/NDF : 473588.9/4

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 : 473588.9/4

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: 43.559+/-1302.076 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

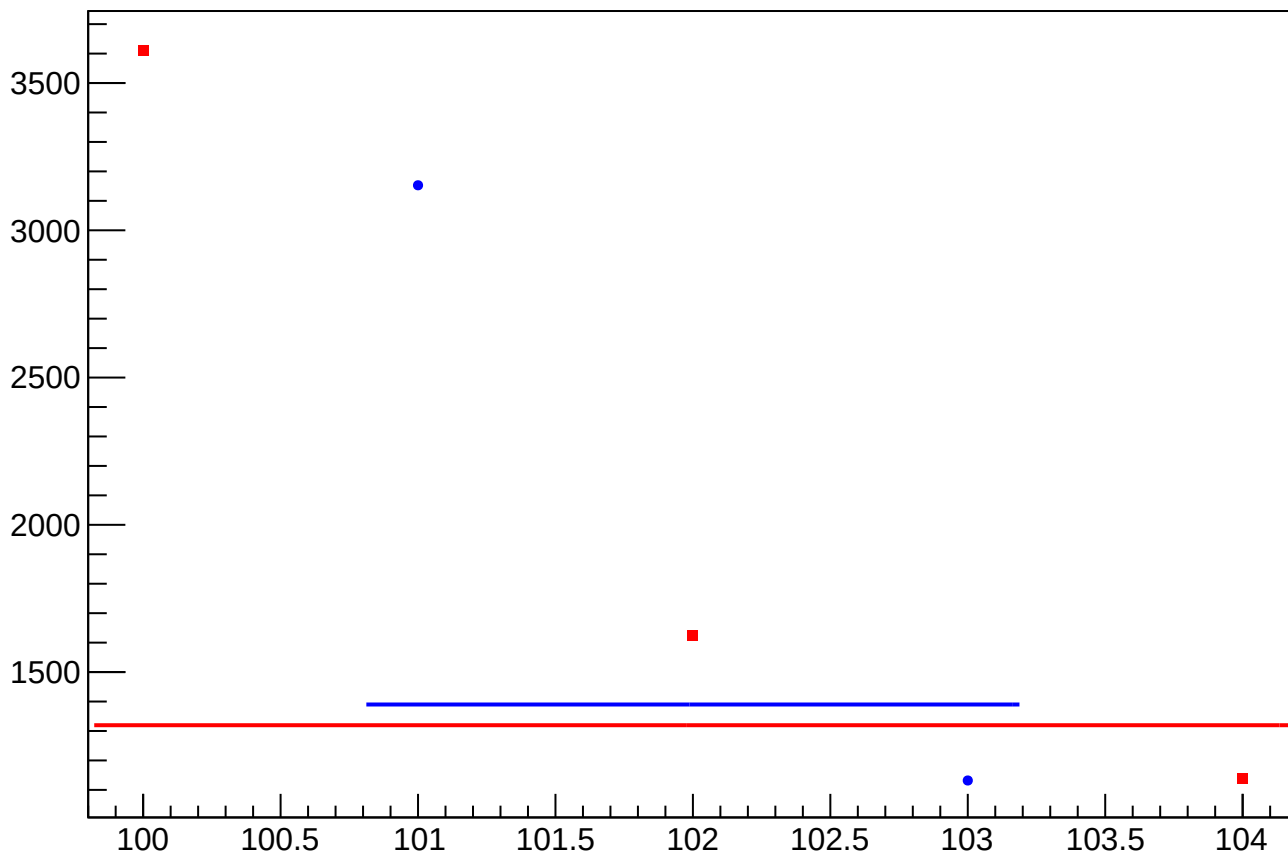
Right: 47.383+/-950.601 χ^2/NDF : 7.8/4

In: 51.748+/-1391.036 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.383+/-950.601 χ^2/NDF : 7.8/4

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.931 $\pm$ 0.984 χ^2 /NDF: 470145.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1319.595 $\pm$ 0.921 χ^2 /NDF: 119003.5/2

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

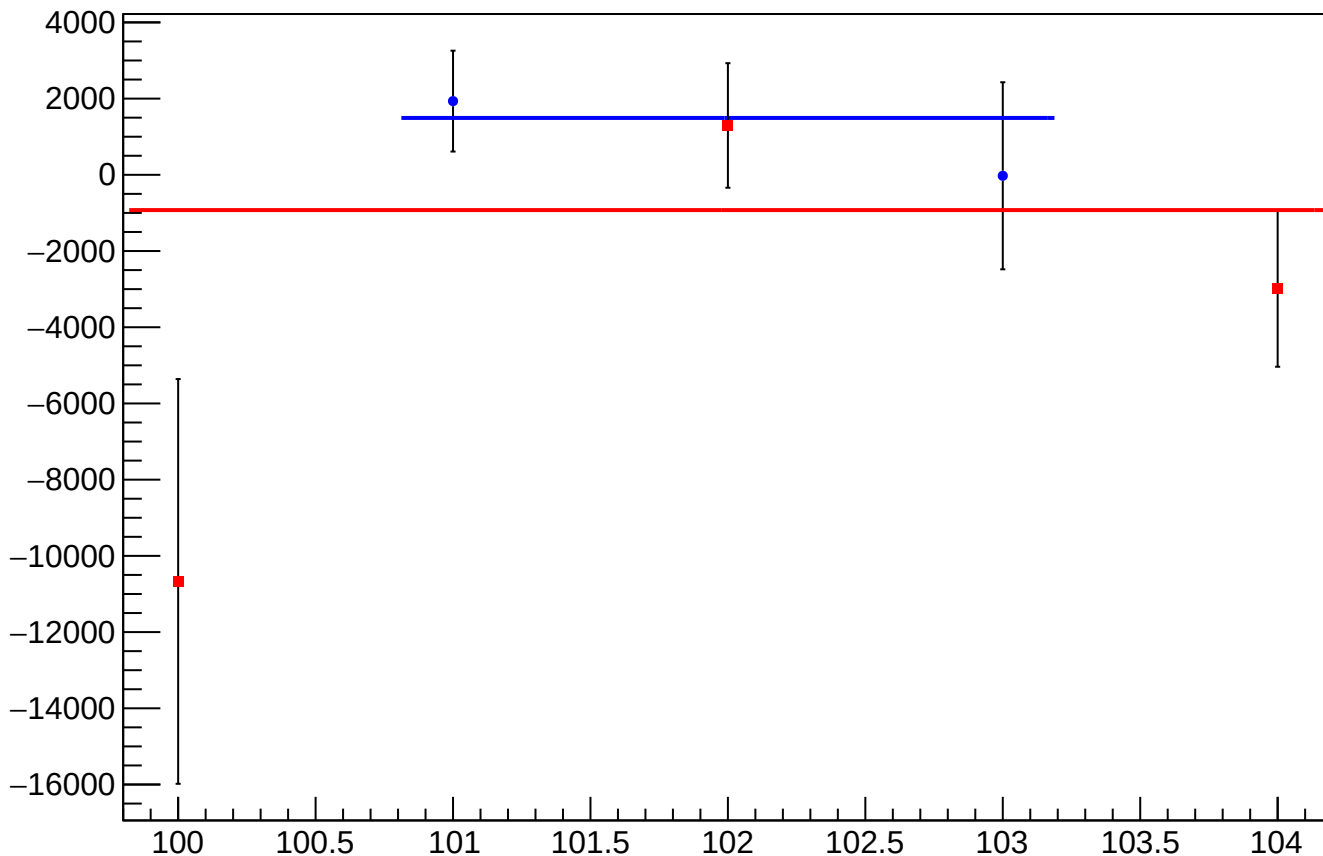
Right: 1352.442 $\pm$ 0.672 χ^2 /NDF: 591874.3/4

In: 1389.931 $\pm$ 0.984 χ^2 /NDF: 470145.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.442 $\pm$ 0.672 χ^2 /NDF: 591874.3/4

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: -925.491 $\pm$ 1243.971 χ^2 /NDF: 6.2/2

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

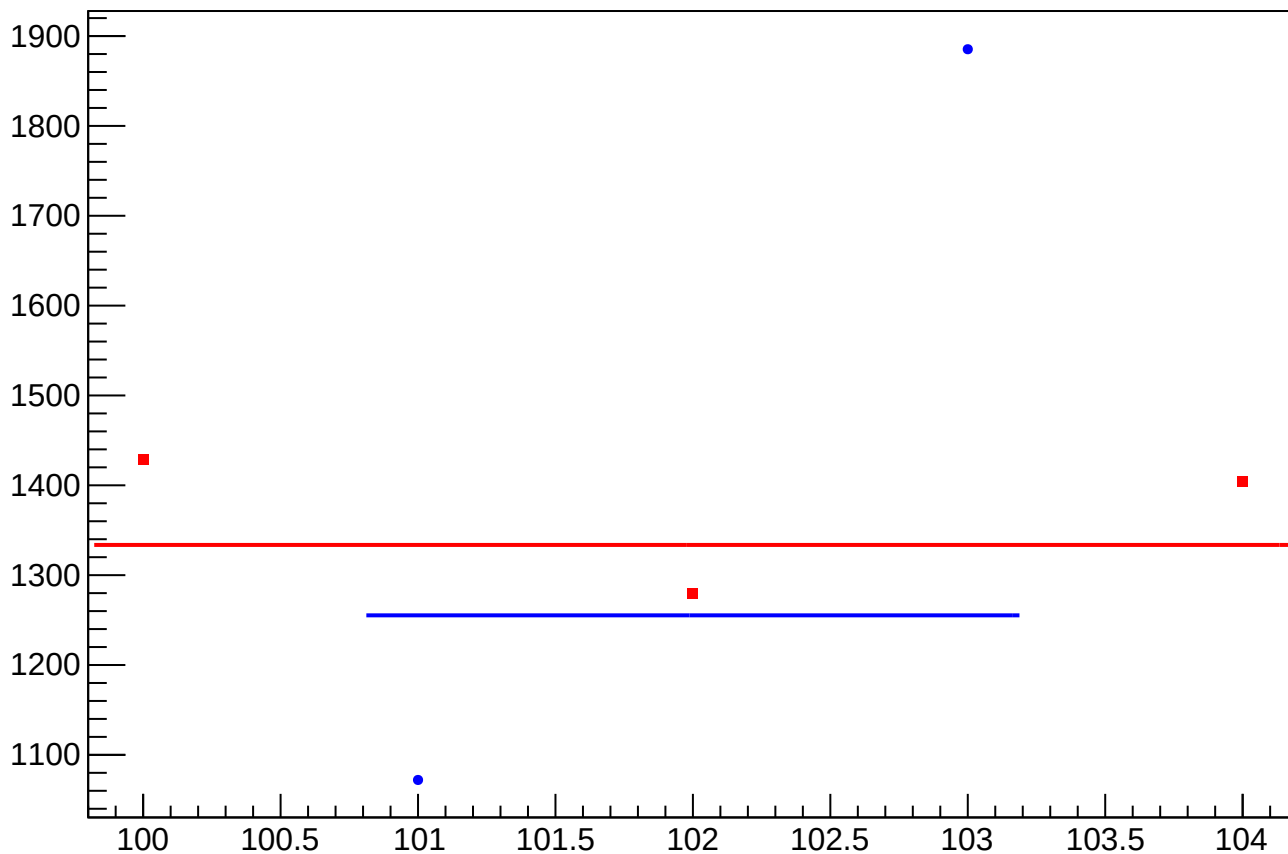
Right: 362.946 $\pm$ 850.311 χ^2 /NDF: 8.7/4

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: 362.946 $\pm$ 850.311 χ^2 /NDF: 8.7/4

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1255.278 ± 0.824 $\chi^2/\text{NDF}: 170119.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1333.642 ± 0.880 $\chi^2/\text{NDF}: 5199.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

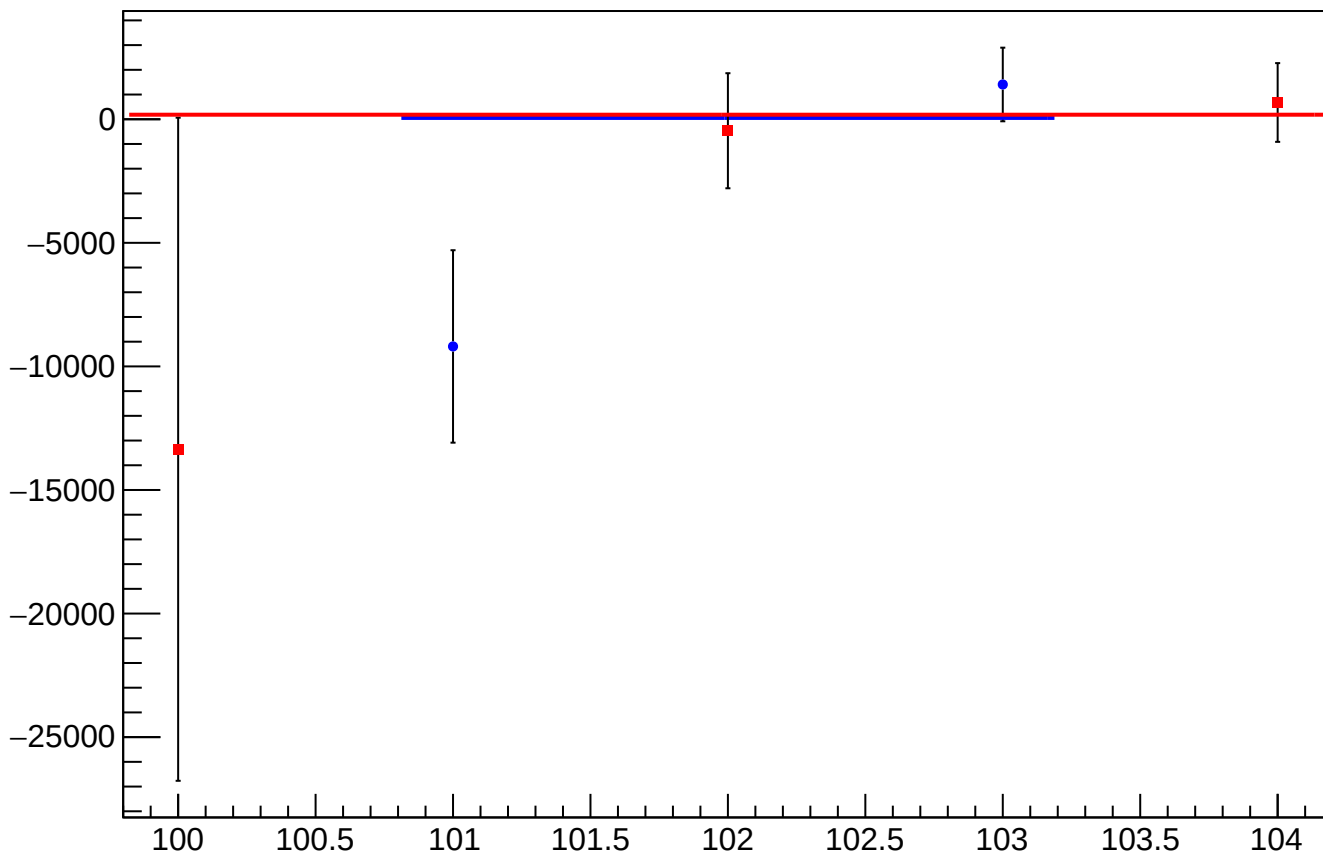
Right: 1291.892 ± 0.601 $\chi^2/\text{NDF}: 179547.0/4$

In: 1255.278 ± 0.824 $\chi^2/\text{NDF}: 170119.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1291.892 ± 0.601 $\chi^2/\text{NDF}: 179547.0/4$

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: 183.941+/-1308.291 χ^2 /NDF: 1.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

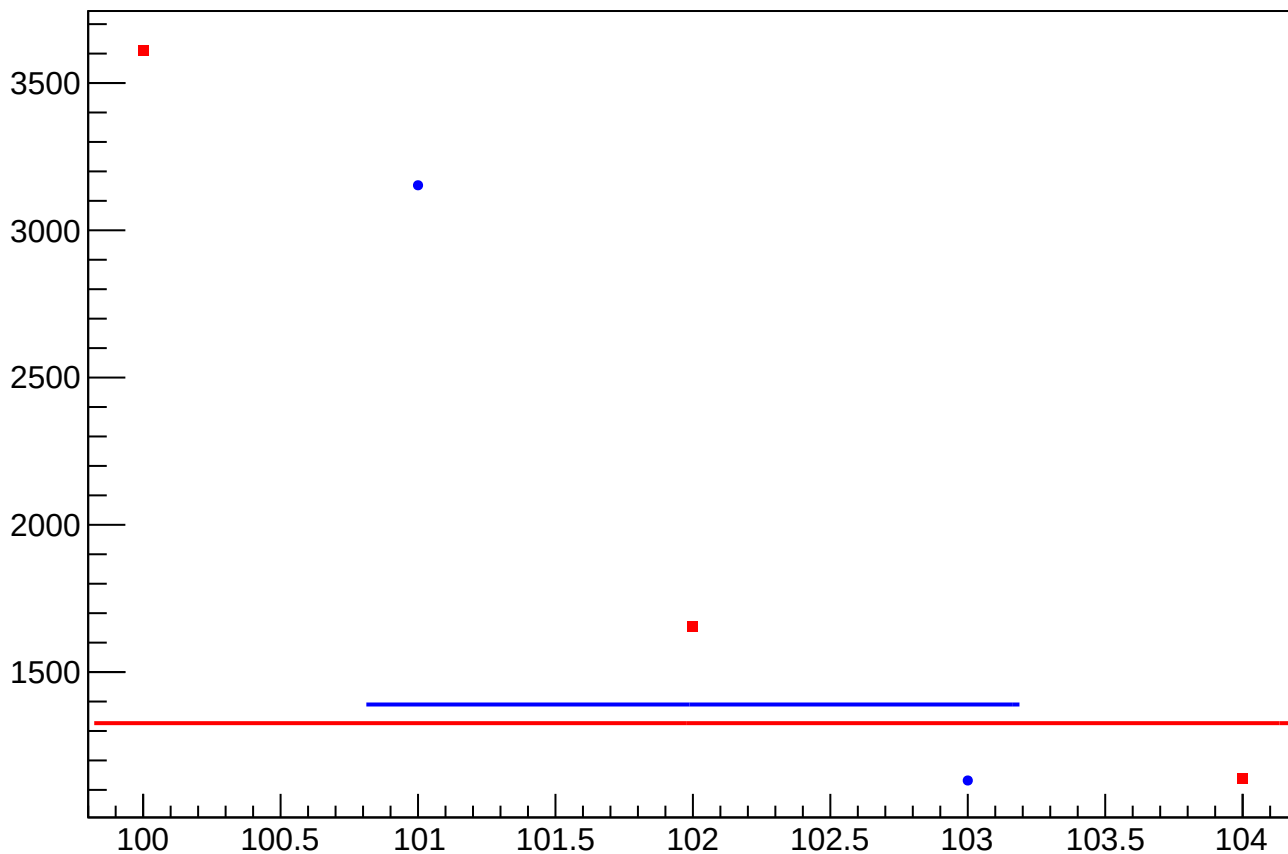
Right: 122.843+/-953.012 χ^2 /NDF: 7.7/4

In: 53.772+/-1391.038 χ^2 /NDF:6.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 122.843+/-953.012 χ^2 /NDF: 7.7/4

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.573+/-0.925 χ^2/NDF : 125316.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

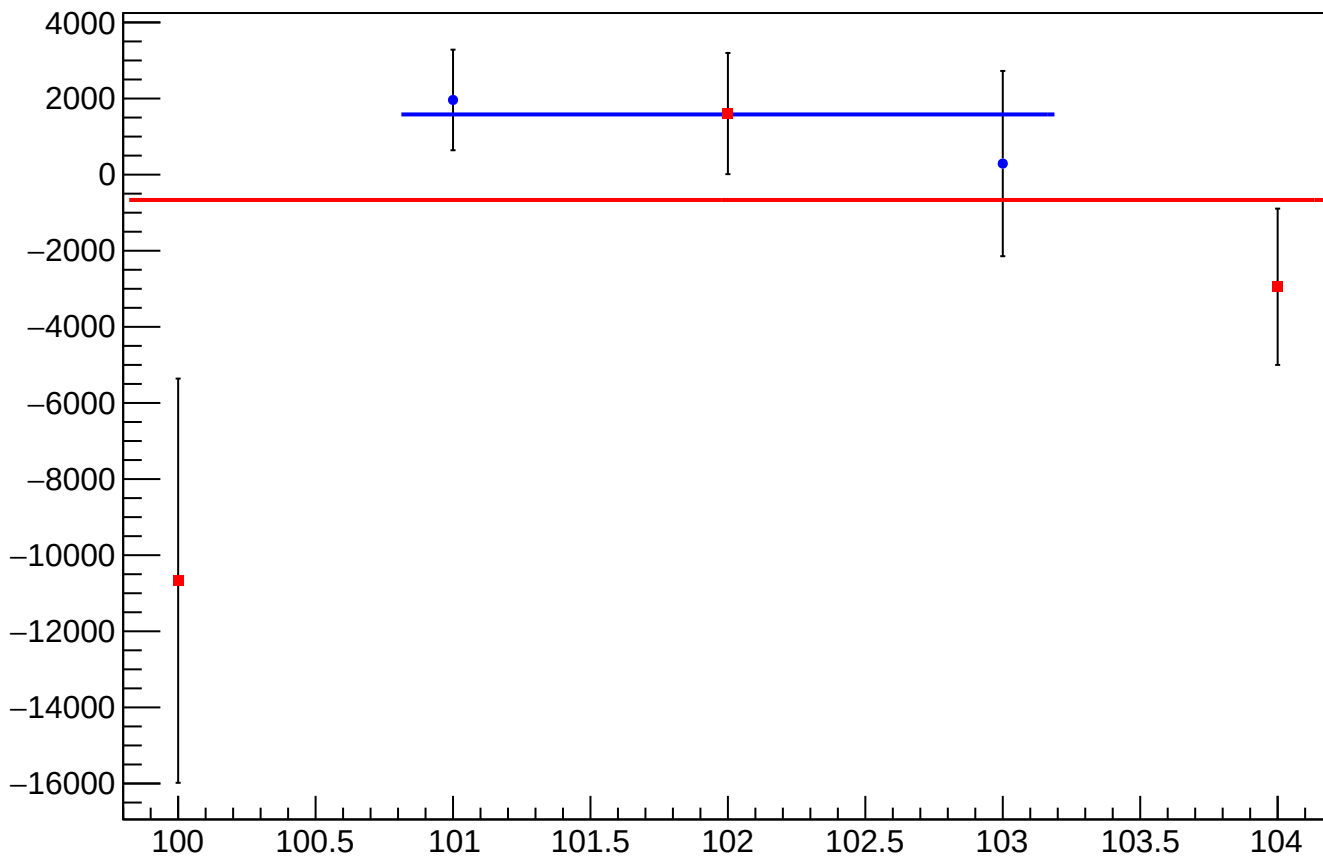
Right: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860 $\pm$ 1161.368 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -665.354 $\pm$ 1224.326 χ^2 /NDF: 6.8/2

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

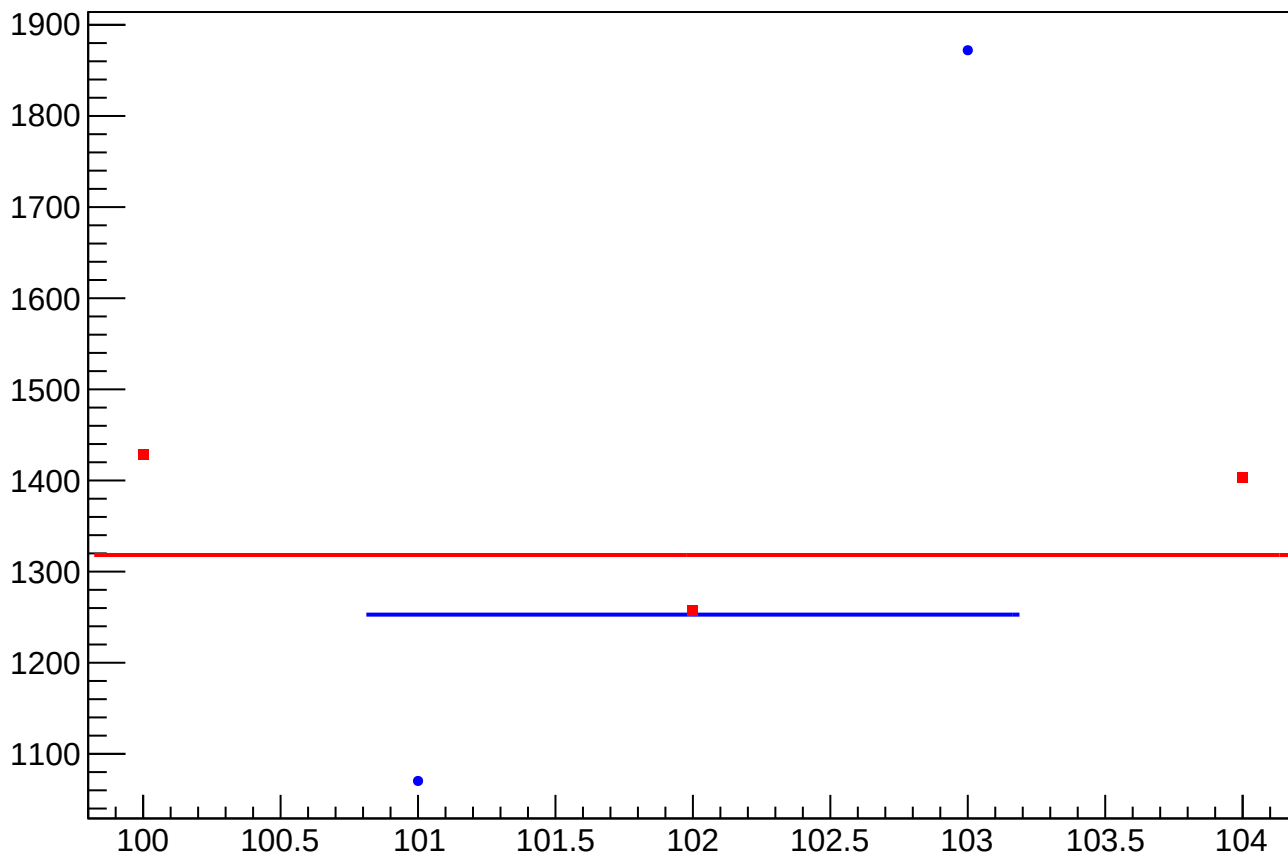
Right: 517.516 $\pm$ 842.589 χ^2 /NDF: 9.0/4

In: 1581.860 $\pm$ 1161.368 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 517.516 $\pm$ 842.589 χ^2 /NDF: 9.0/4

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801 ± 0.821 $\chi^2/\text{NDF}: 167617.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1318.240 ± 0.866 $\chi^2/\text{NDF}: 7212.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

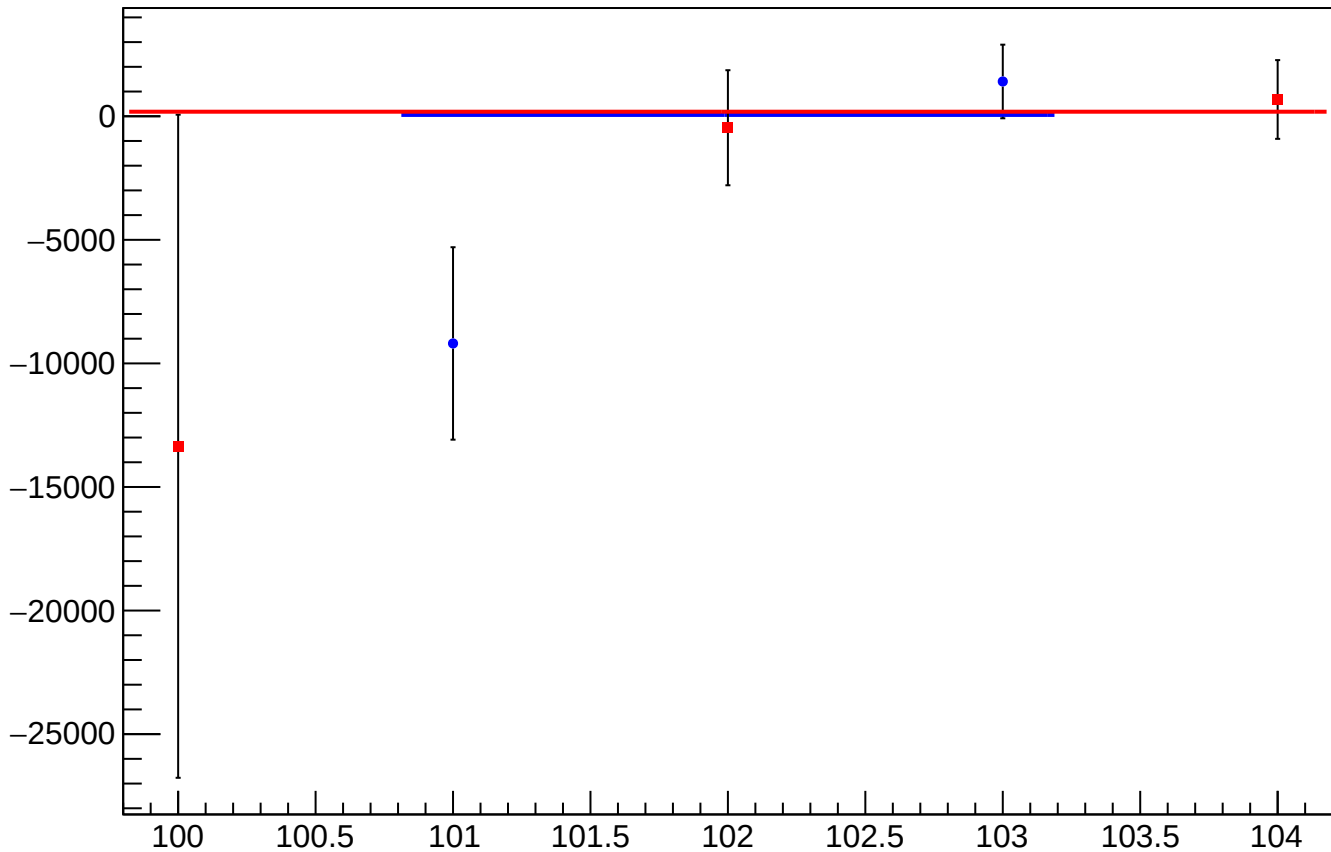
Right: 1283.795 ± 0.596 $\chi^2/\text{NDF}: 177836.9/4$

In: 1252.801 ± 0.821 $\chi^2/\text{NDF}: 167617.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1283.795 ± 0.596 $\chi^2/\text{NDF}: 177836.9/4$

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: 183.941+/-1308.291 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

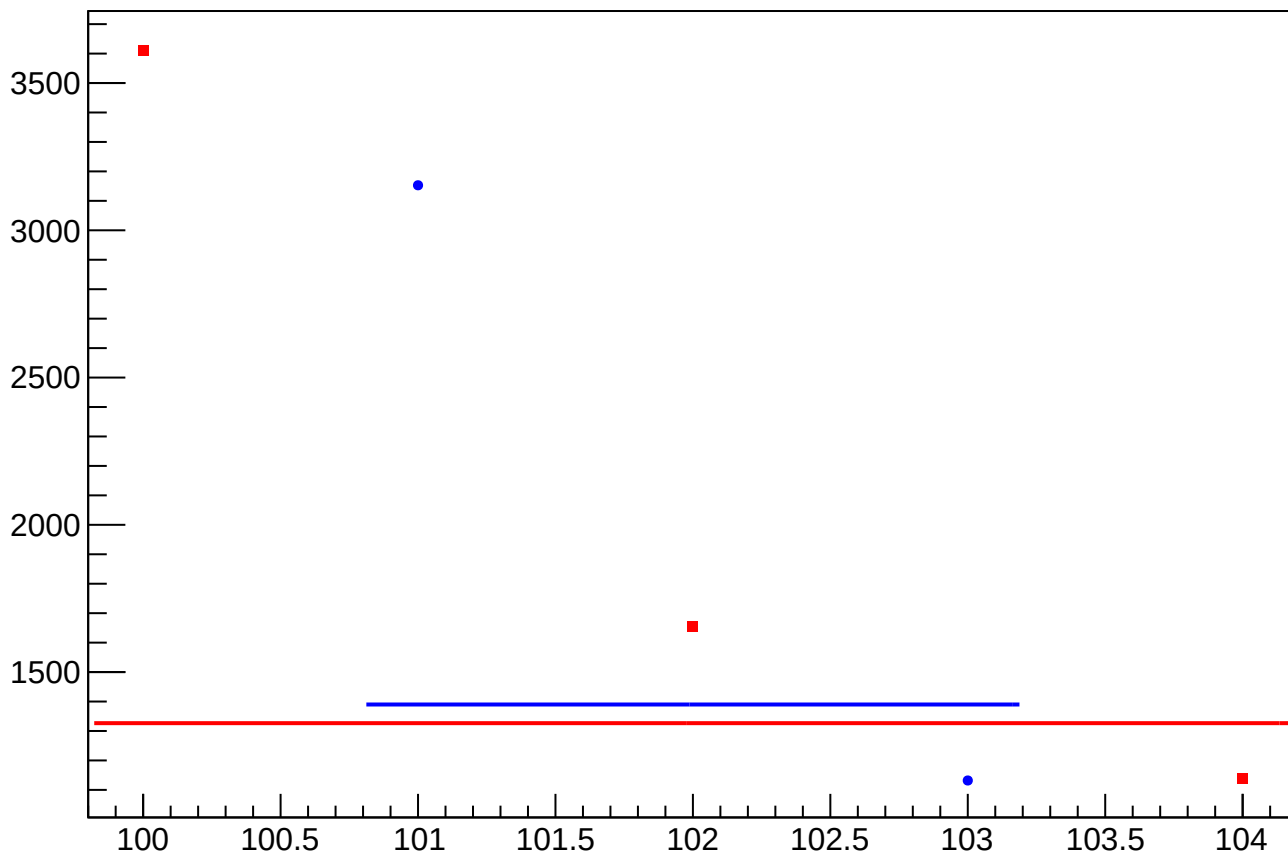
Right: 122.843+/-953.012 χ^2/NDF : 7.7/4

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.843+/-953.012 χ^2/NDF : 7.7/4

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.573+/-0.925 χ^2/NDF : 125316.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

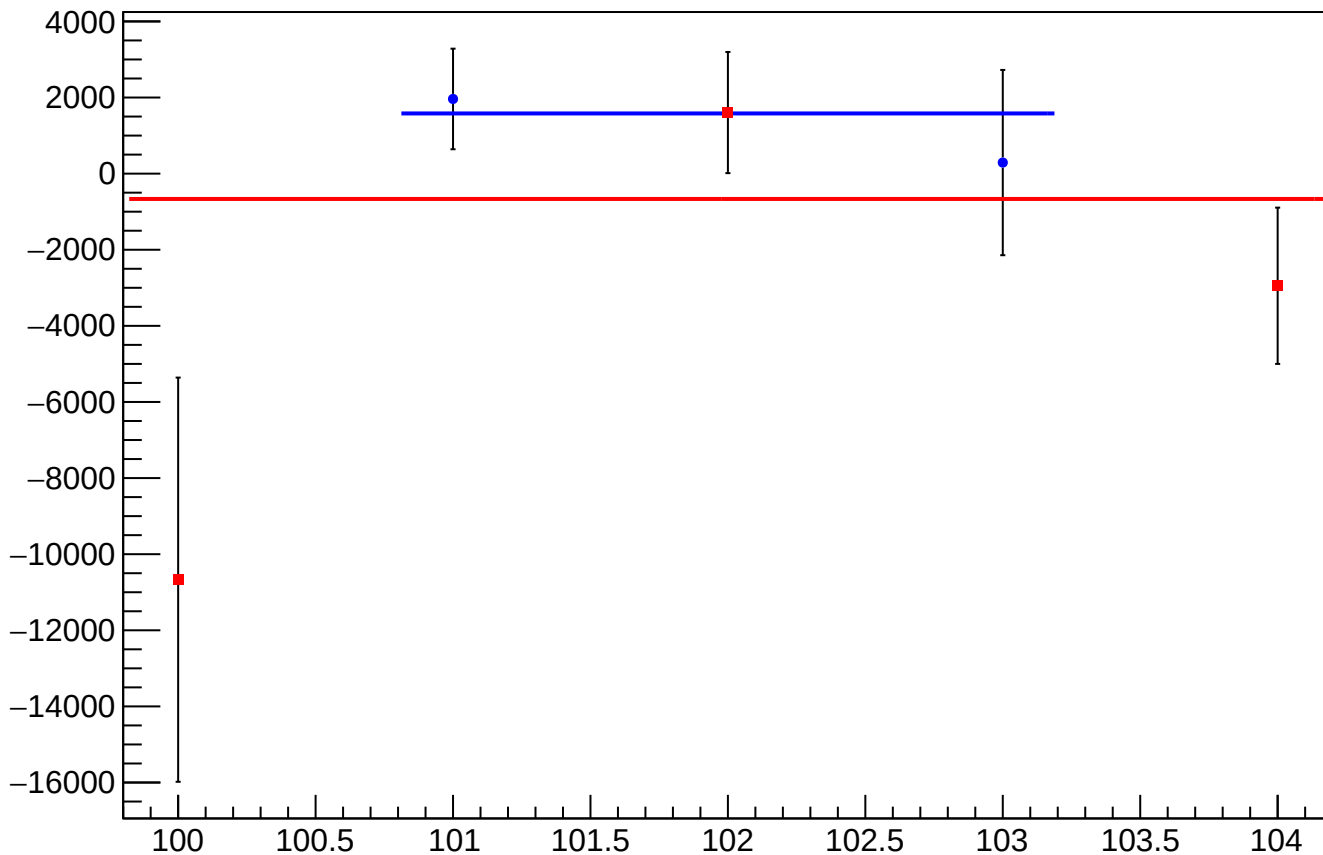
Right: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1581.860 $\pm$ 1161.368 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -665.354 $\pm$ 1224.326 χ^2 /NDF: 6.8/2

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

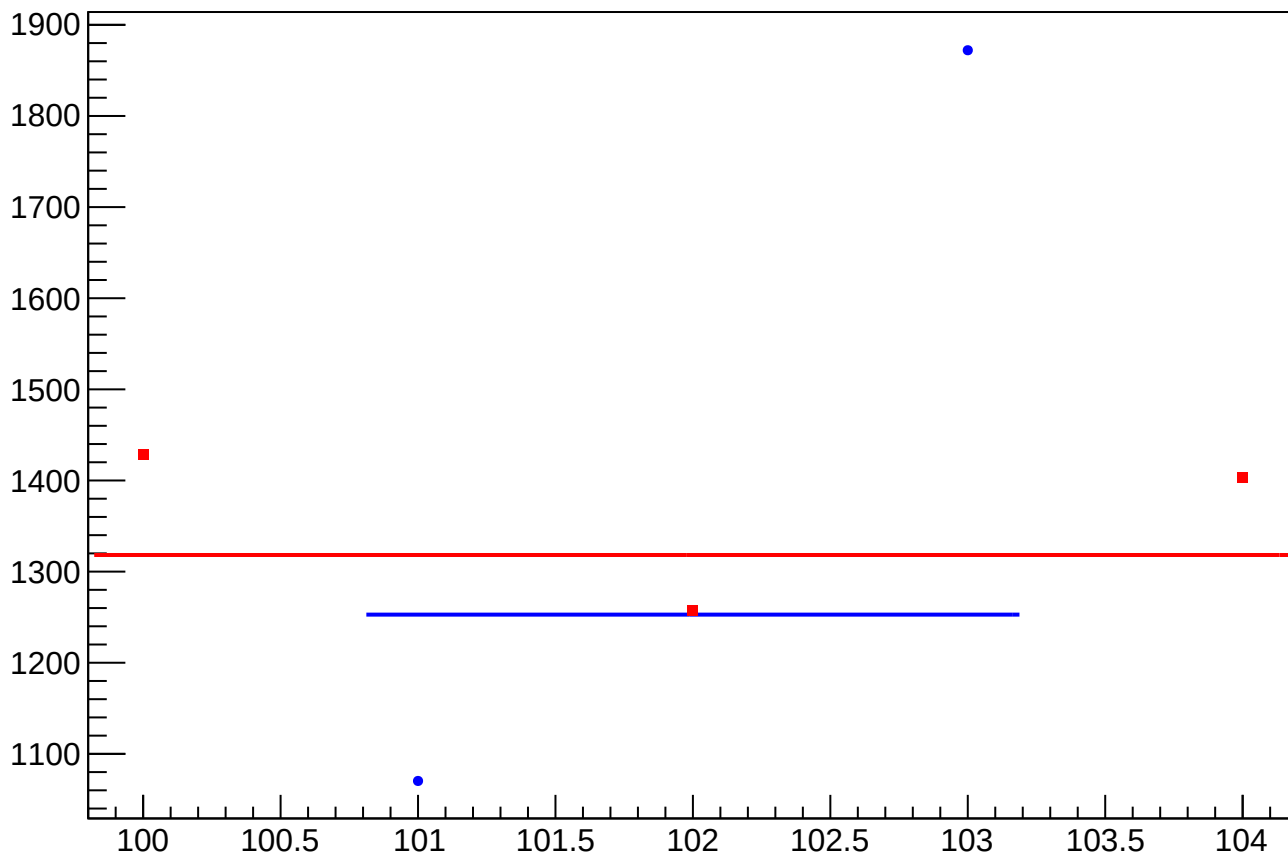
Right: 517.516 $\pm$ 842.589 χ^2 /NDF: 9.0/4

In: 1581.860 $\pm$ 1161.368 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 517.516 $\pm$ 842.589 χ^2 /NDF: 9.0/4

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1252.801+/-0.821 χ^2/NDF : 167617.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.240+/-0.866 χ^2/NDF : 7212.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

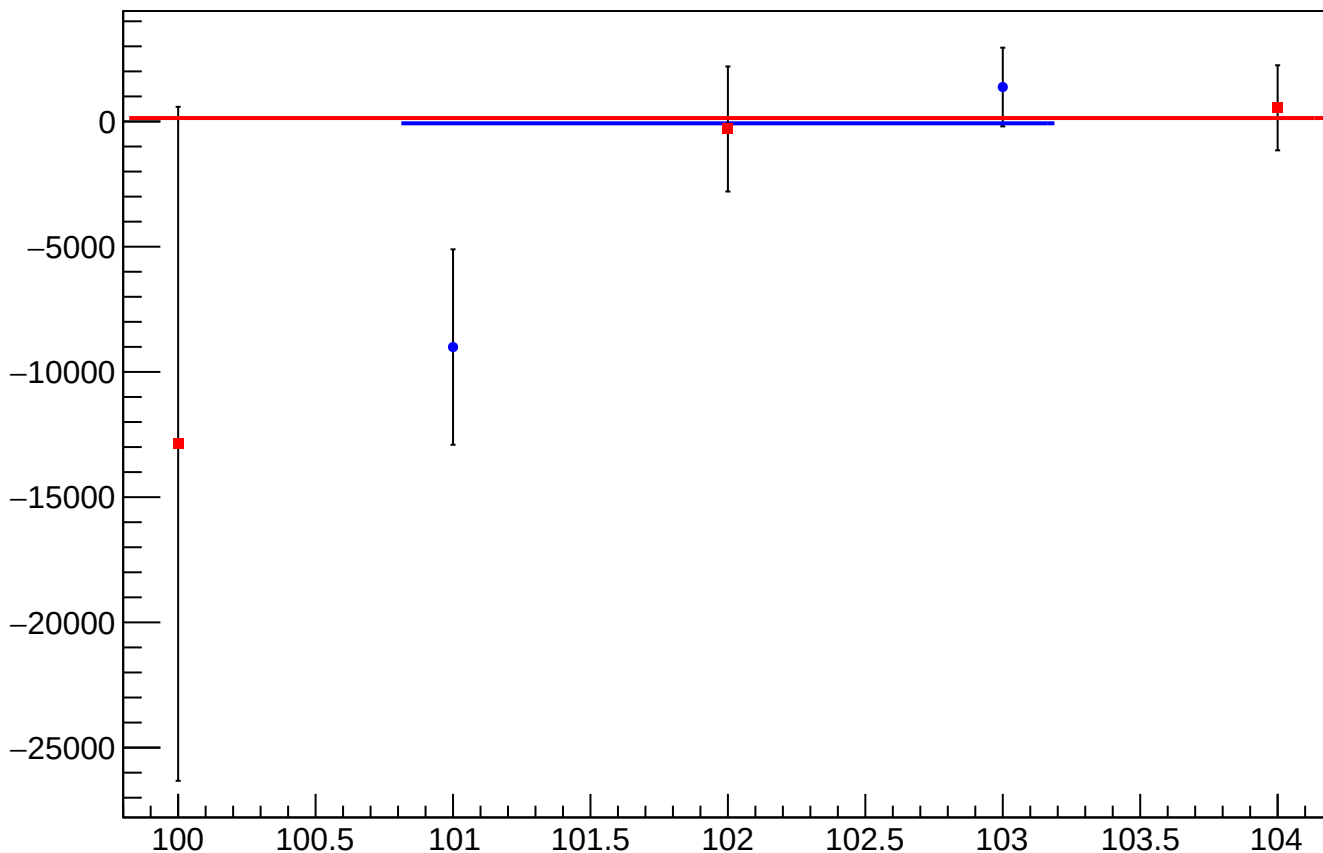
Right: 1283.795+/-0.596 χ^2/NDF : 177836.9/4

In: 1252.801+/-0.821 χ^2/NDF : 167617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.795+/-0.596 χ^2/NDF : 177836.9/4

dit_asym_atl_dd_atr_dd_dd_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: 136.576 $\pm$ 1396.537 χ^2 /NDF: 1.0/2

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

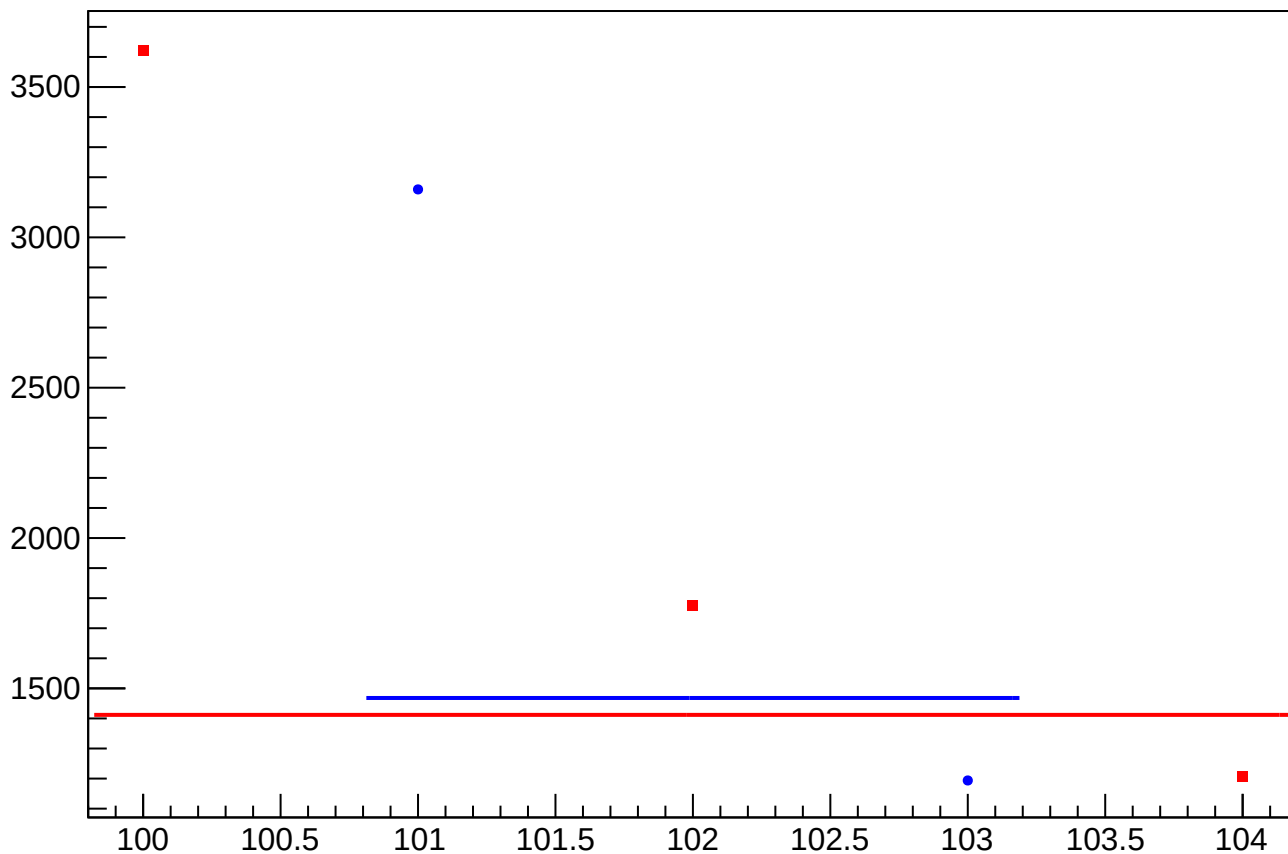
Right: 35.970 $\pm$ 1008.361 χ^2 /NDF: 7.1/4

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: 35.970 $\pm$ 1008.361 χ^2 /NDF: 7.1/4

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: 1411.858+/-0.987 χ^2/NDF : 125351.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

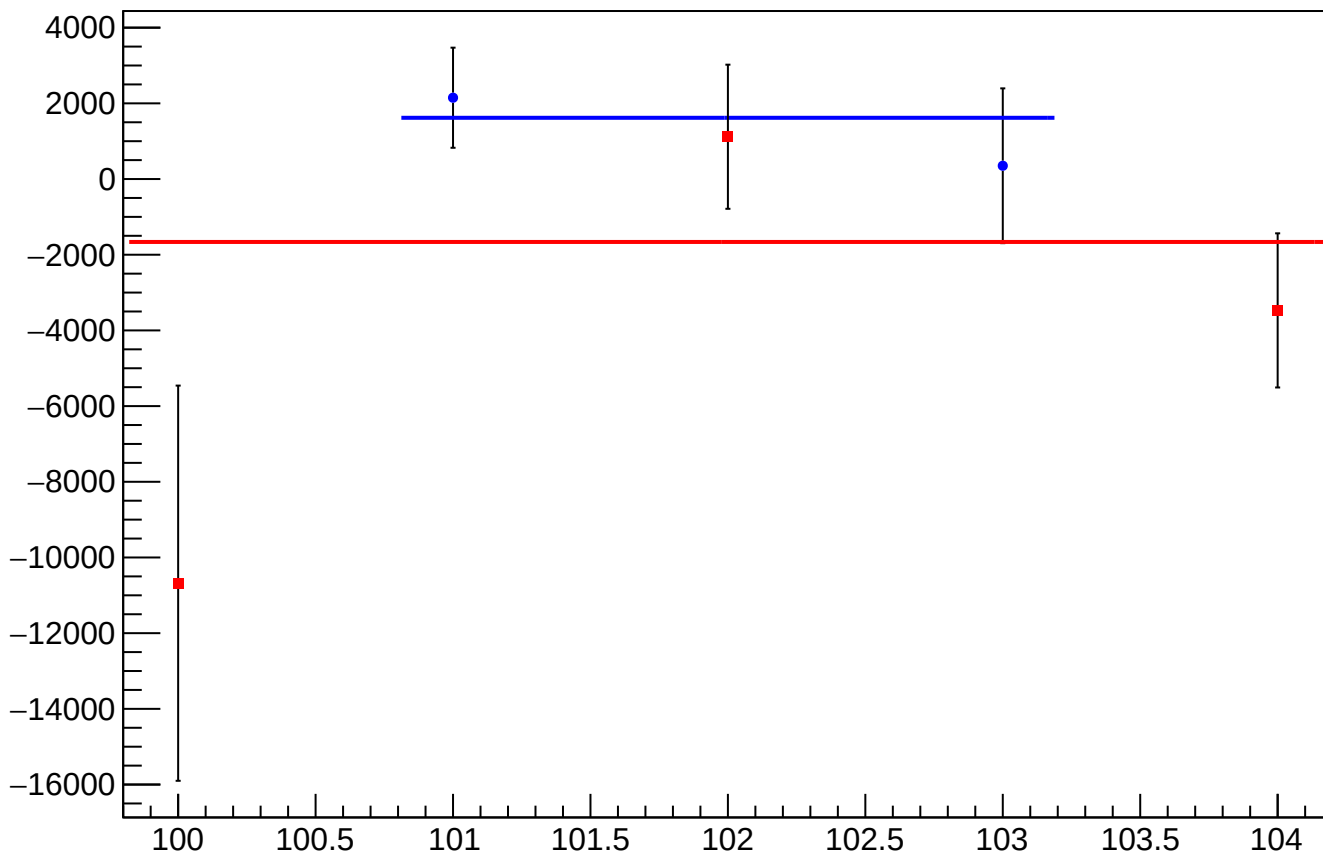
Right: 1438.763+/-0.713 χ^2/NDF : 563804.9/4

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1438.763+/-0.713 χ^2/NDF : 563804.9/4

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: -1662.590 $\pm$ 1344.094 χ^2 /NDF: 5.9/2

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

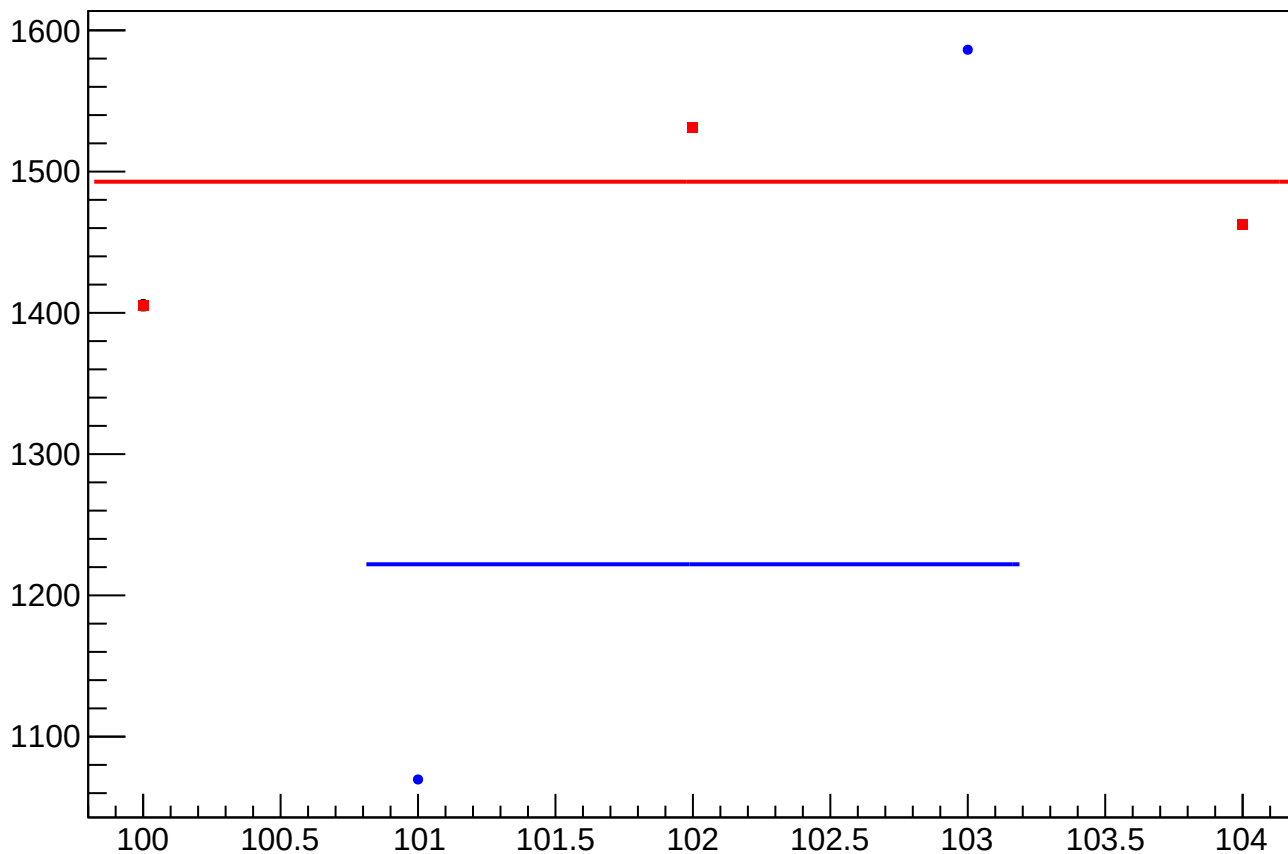
Right: 287.162 $\pm$ 856.158 χ^2 /NDF: 10.0/4

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: 287.162 $\pm$ 856.158 χ^2 /NDF: 10.0/4

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: 1492.845+/-0.950 χ^2/NDF : 1826.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

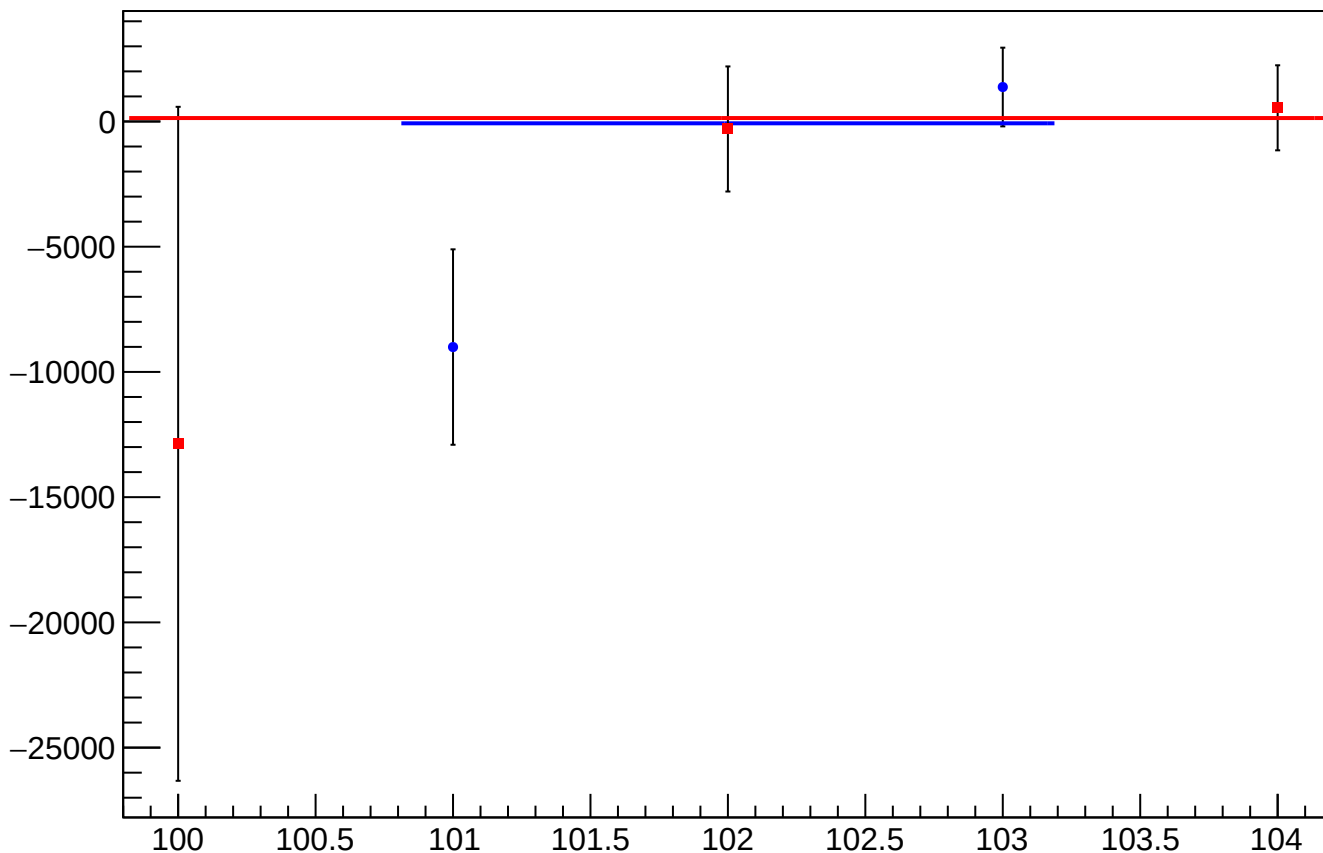
Right: 1331.904+/-0.605 χ^2/NDF : 140055.6/4

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.904+/-0.605 χ^2/NDF : 140055.6/4

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -73.616 $\pm$ 1457.489 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 136.572 $\pm$ 1396.536 χ^2 /NDF: 1.0/2

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

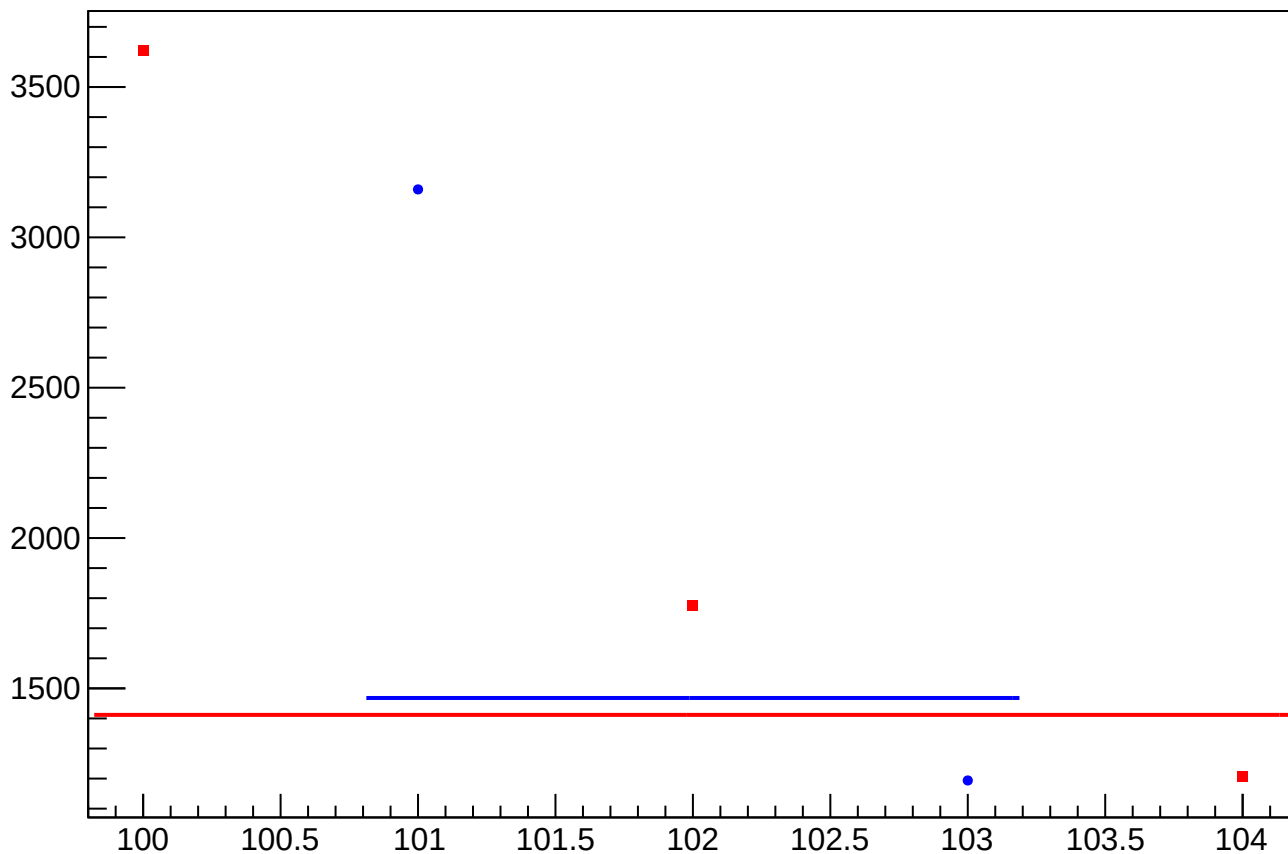
Right: 35.965 $\pm$ 1008.360 χ^2 /NDF: 7.1/4

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: 35.965 $\pm$ 1008.360 χ^2 /NDF: 7.1/4

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1468.067 $\pm$ 1.031 χ^2 /NDF: 436902.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1411.857 $\pm$ 0.987 χ^2 /NDF: 125351.7/2

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

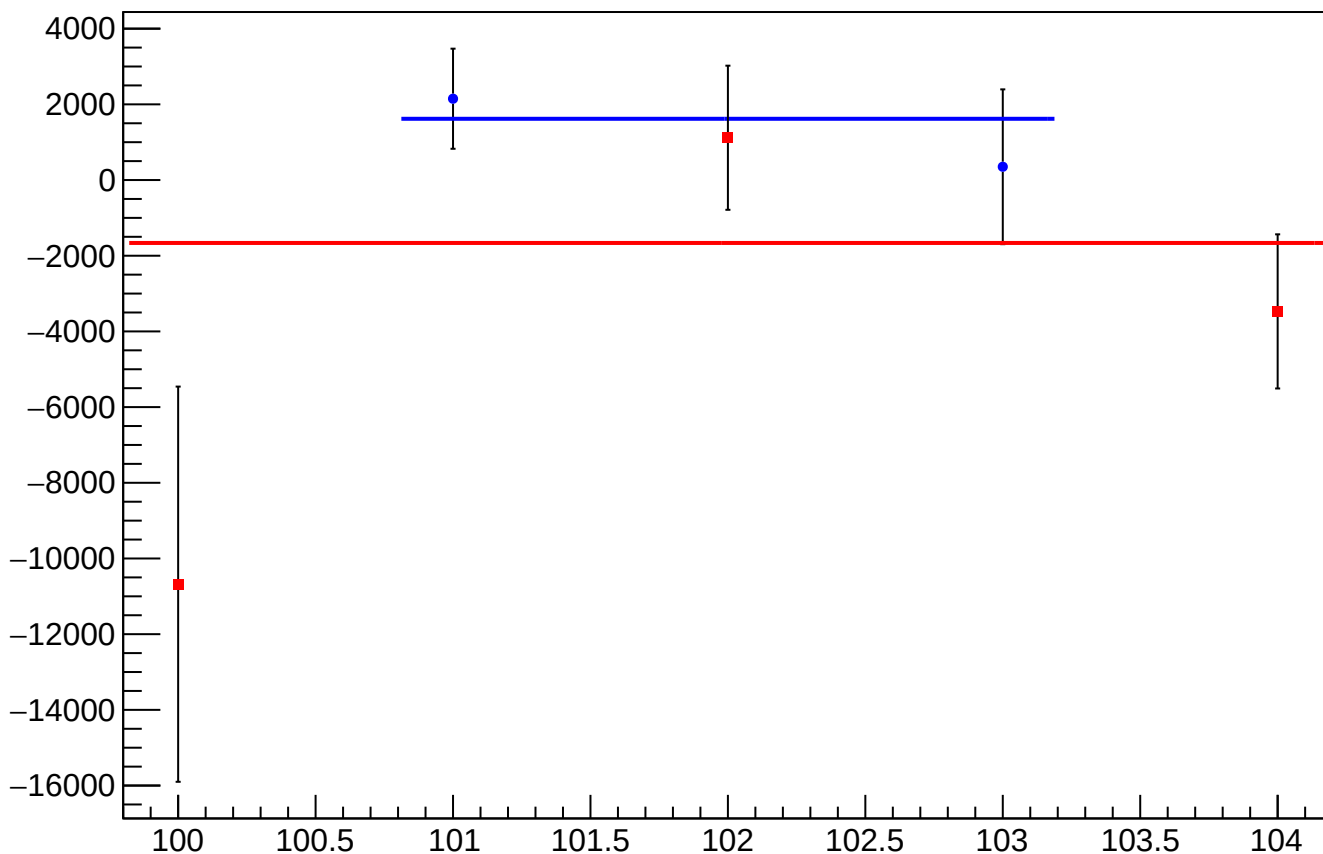
Right: 1438.762 $\pm$ 0.713 χ^2 /NDF: 563805.4/4

In: 1468.067 $\pm$ 1.031 χ^2 /NDF: 436902.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1438.762 $\pm$ 0.713 χ^2 /NDF: 563805.4/4

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: -1662.599 $\pm$ 1344.096 χ^2 /NDF: 5.9/2

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

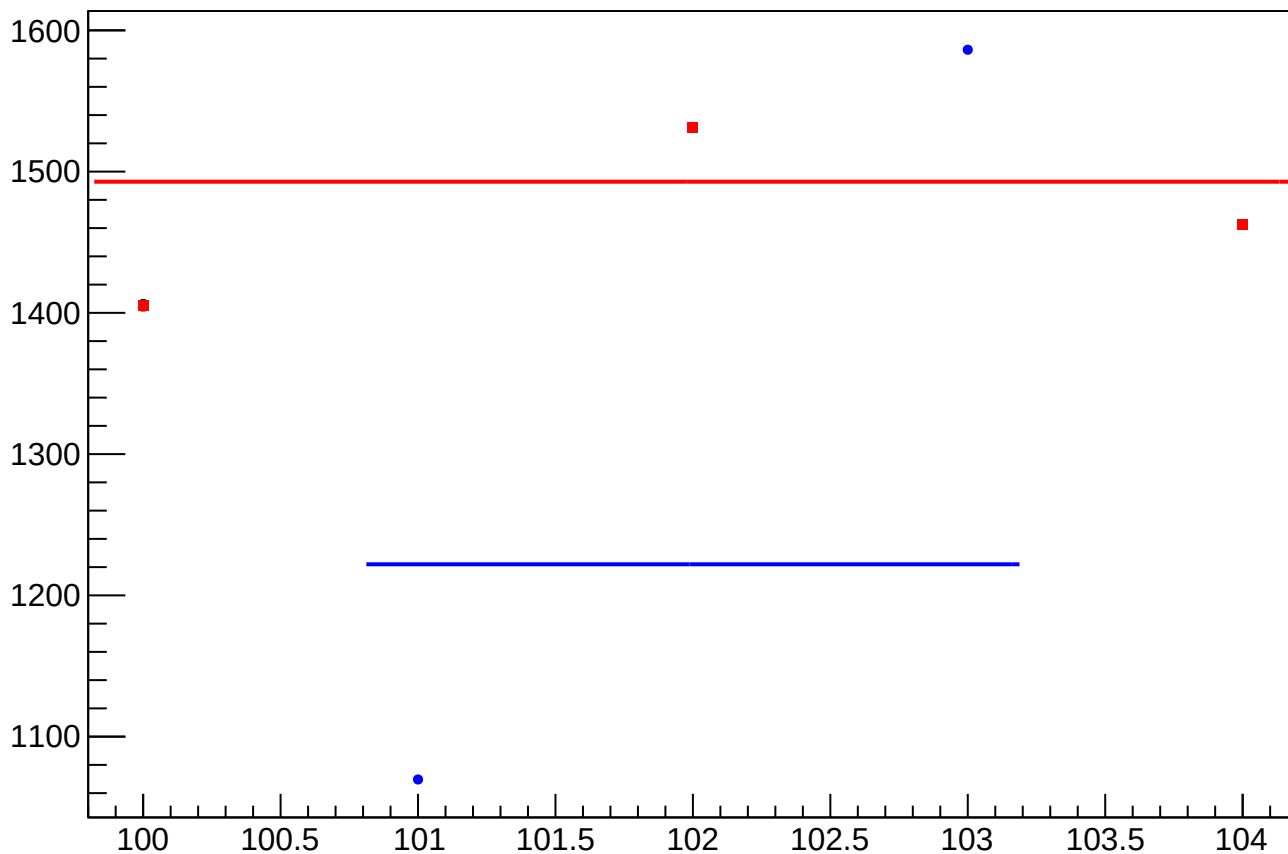
Right: 287.165 $\pm$ 856.157 χ^2 /NDF: 10.0/4

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: 287.165 $\pm$ 856.157 χ^2 /NDF: 10.0/4

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: 1492.847+/-0.950 χ^2/NDF : 1827.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

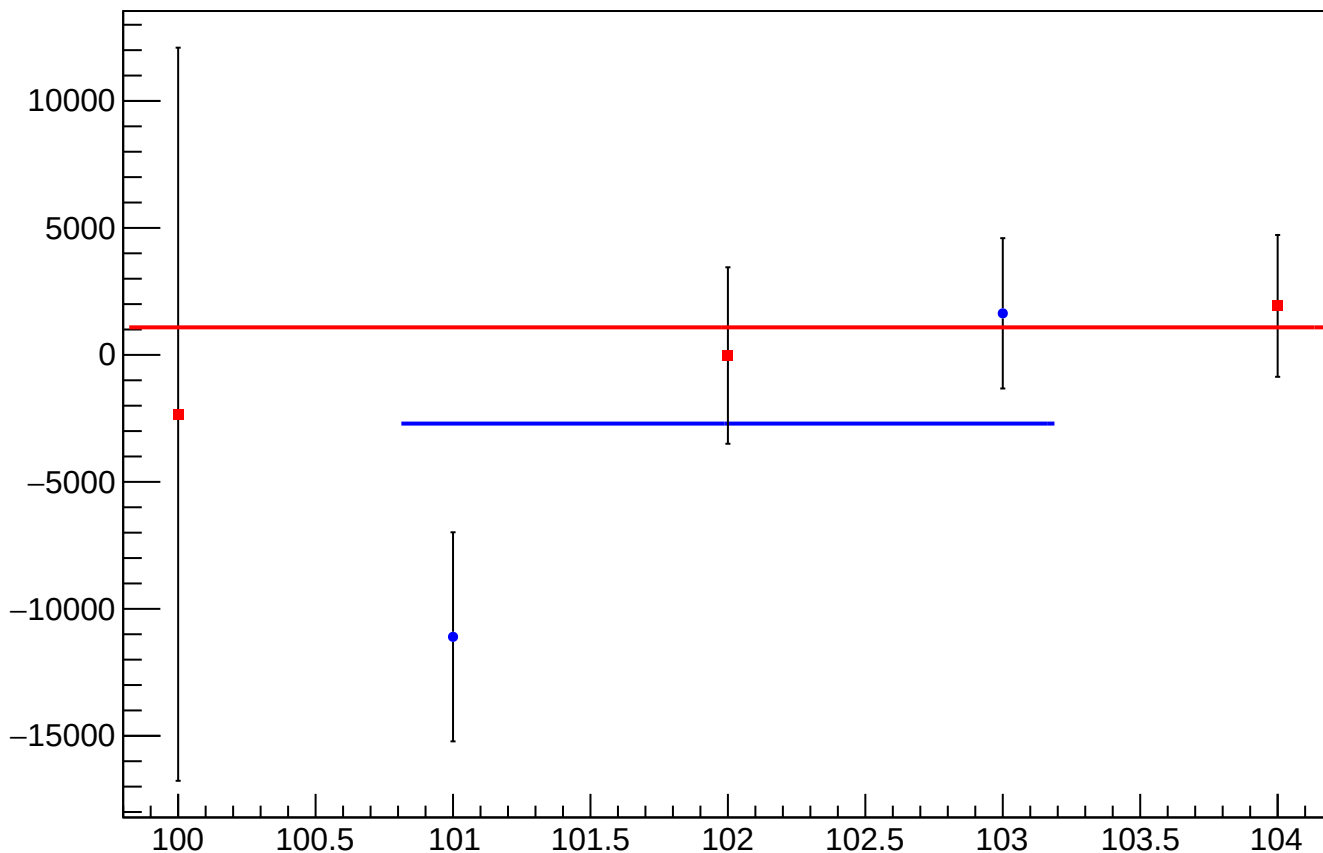
Right: 1331.900+/-0.605 χ^2/NDF : 140063.7/4

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.900+/-0.605 χ^2/NDF : 140063.7/4

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.077+/-2152.686 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

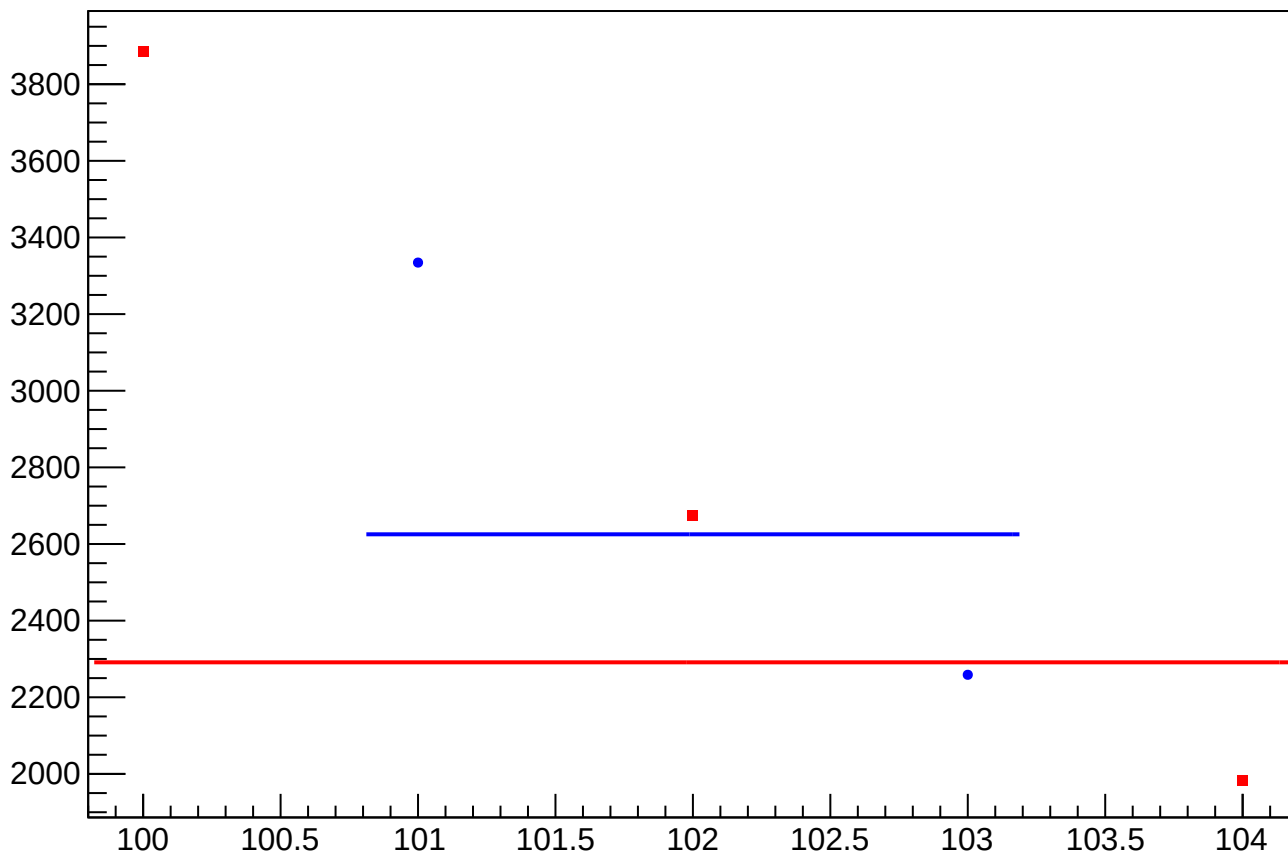
Right: -602.067+/-1603.426 χ^2/NDF : 7.9/4

In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -602.067+/-1603.426 χ^2/NDF : 7.9/4

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: 2291.214+/-1.522 χ^2/NDF : 72878.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

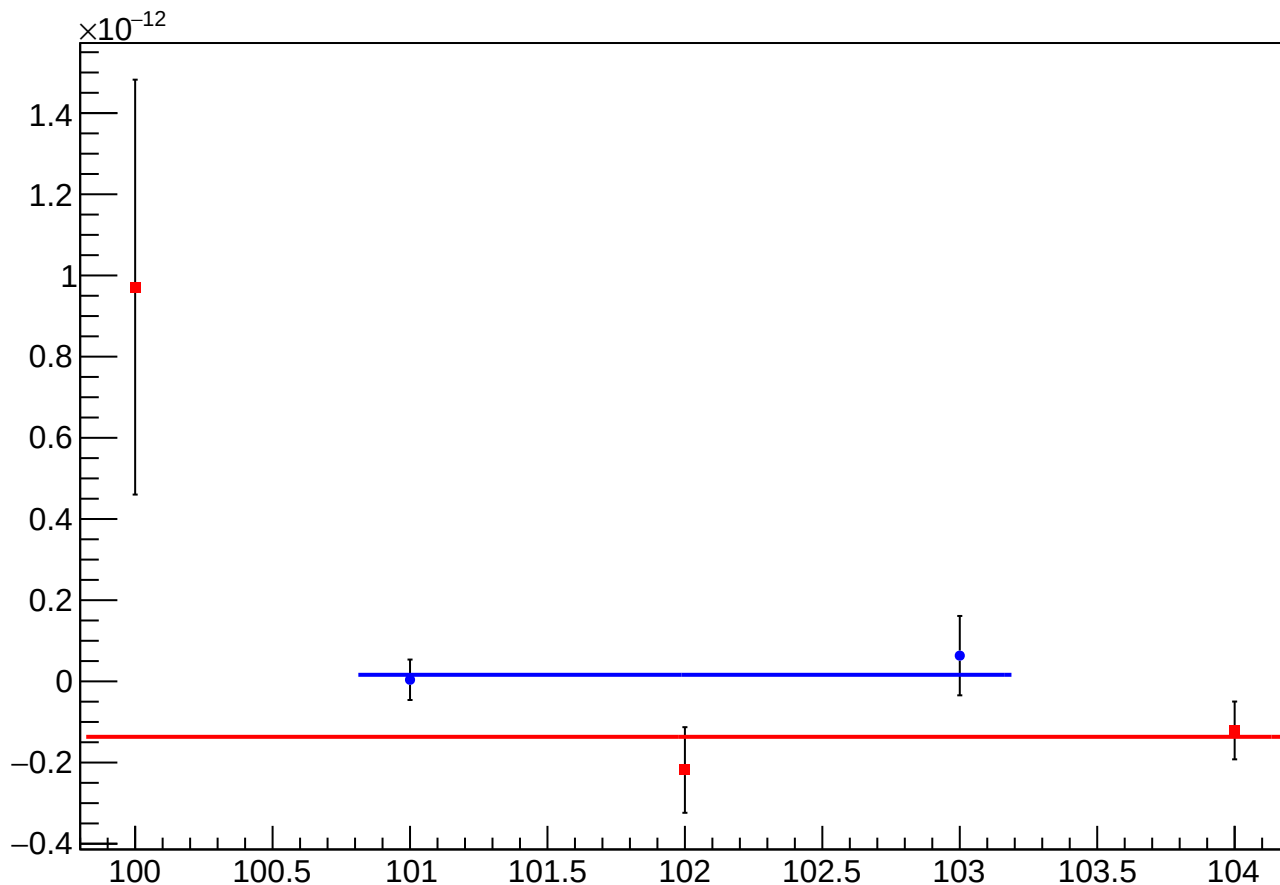
Right: 2439.955+/-1.134 χ^2/NDF : 184372.7/4

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.955+/-1.134 χ^2/NDF : 184372.7/4

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 : 5.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

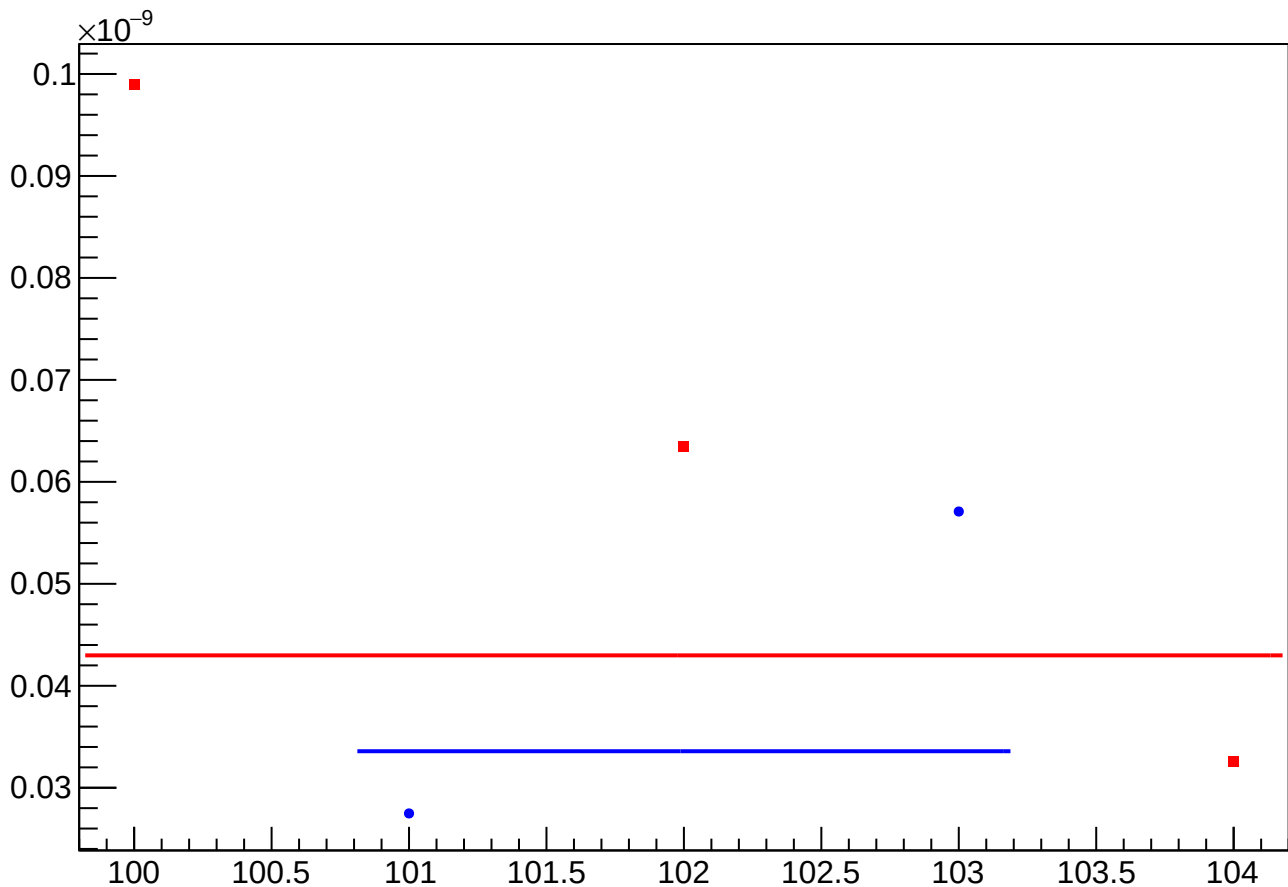
Right: -0.000+/-0.000 χ^2/NDF : 10.0/4

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 : 10.0/4

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 : 142010.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

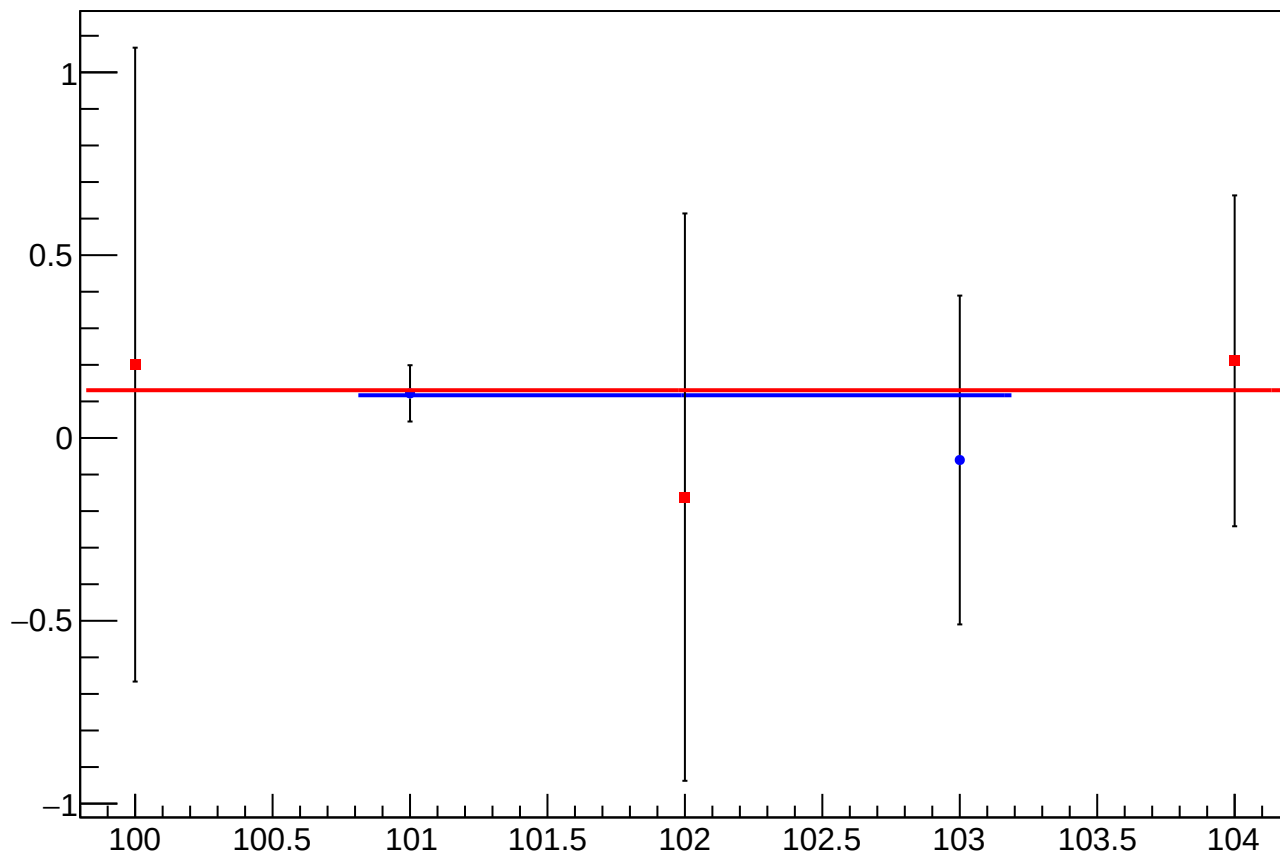
Right: 0.000+/-0.000 χ^2/NDF : 320360.6/4

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 : 320360.6/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

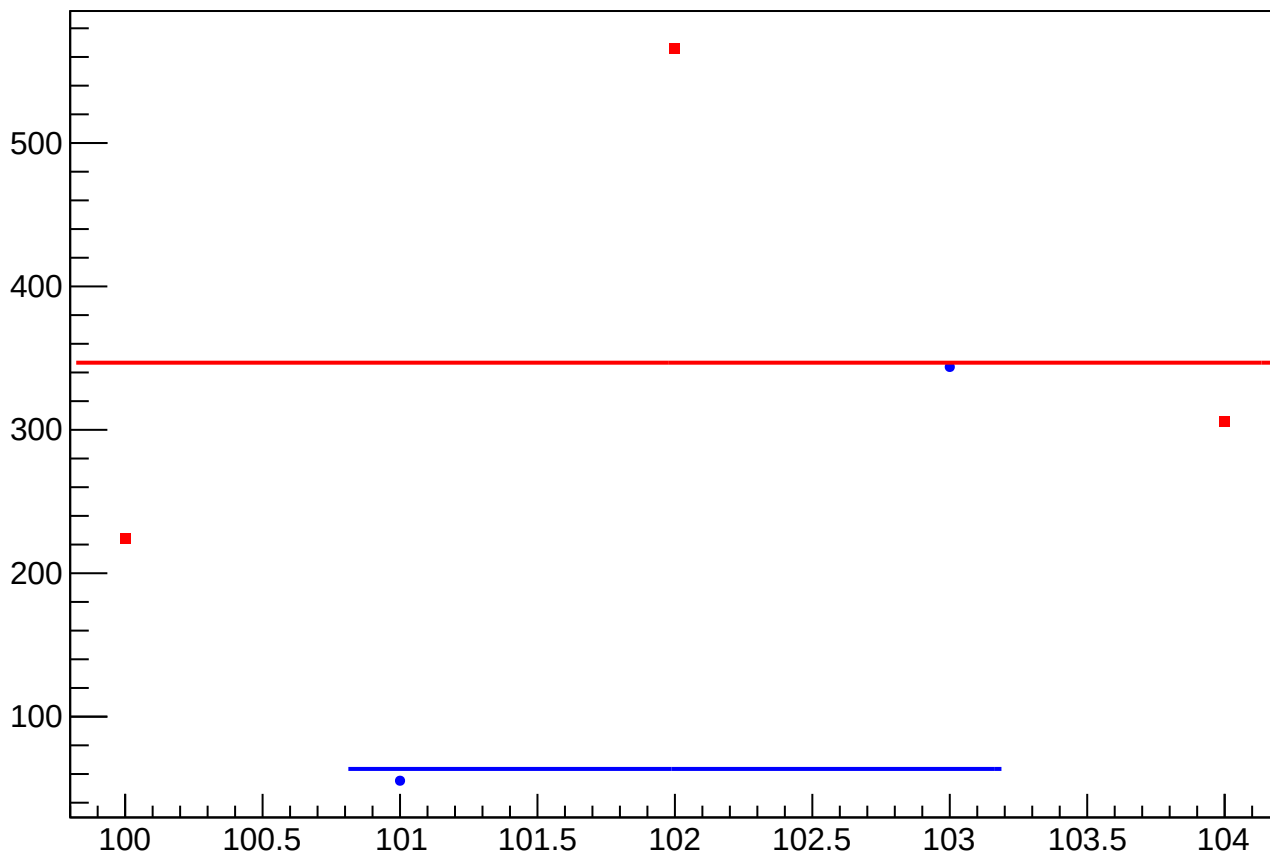
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.824+/-0.252 χ^2/NDF : 215974.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

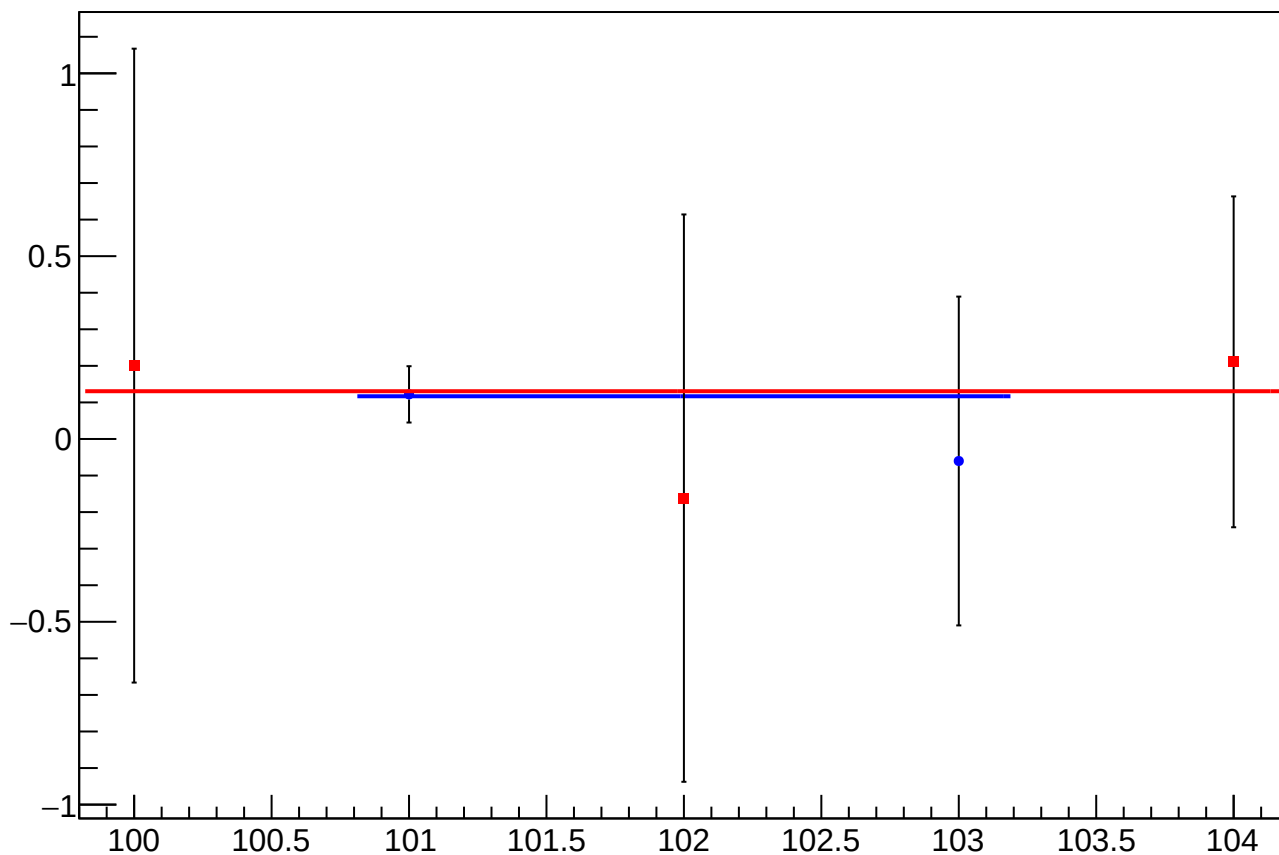
Right: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

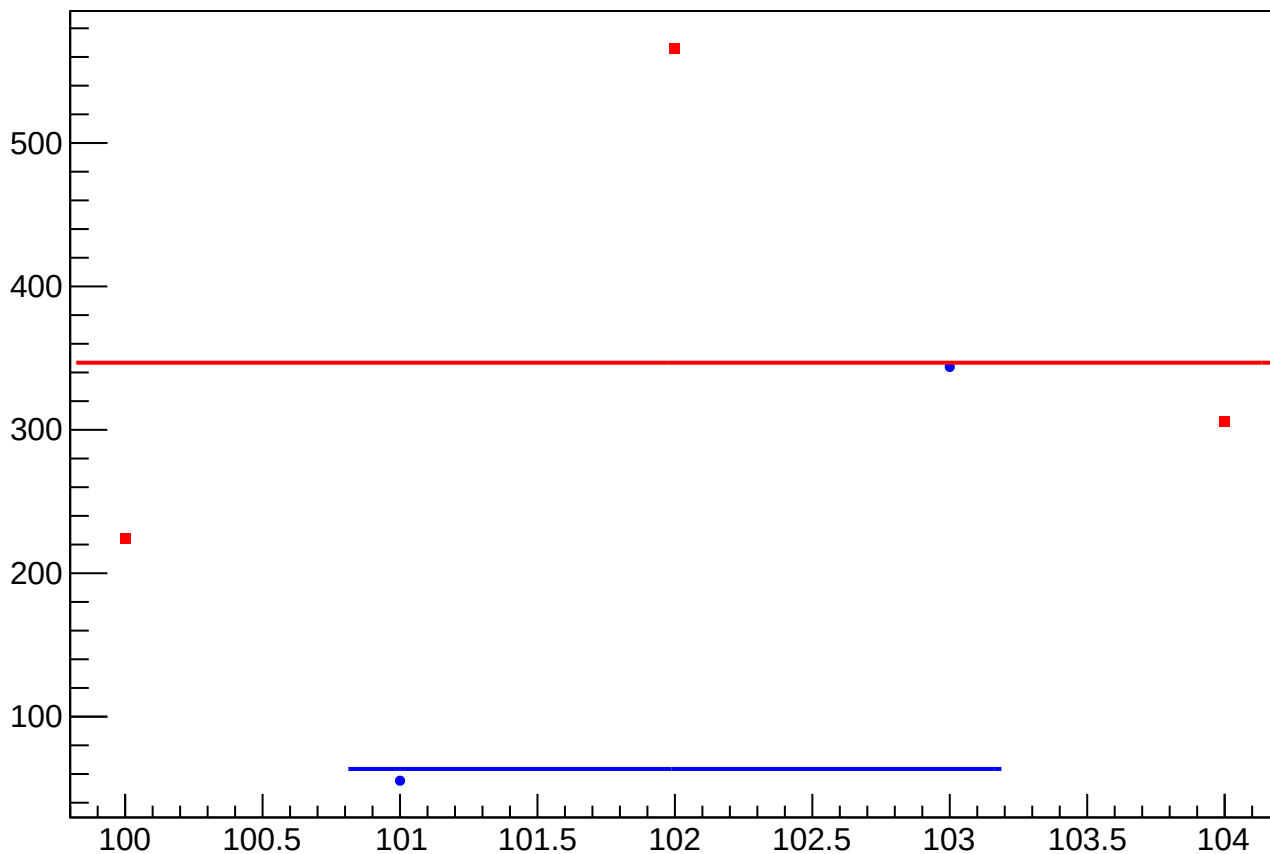
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.824+/-0.252 χ^2/NDF : 215974.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

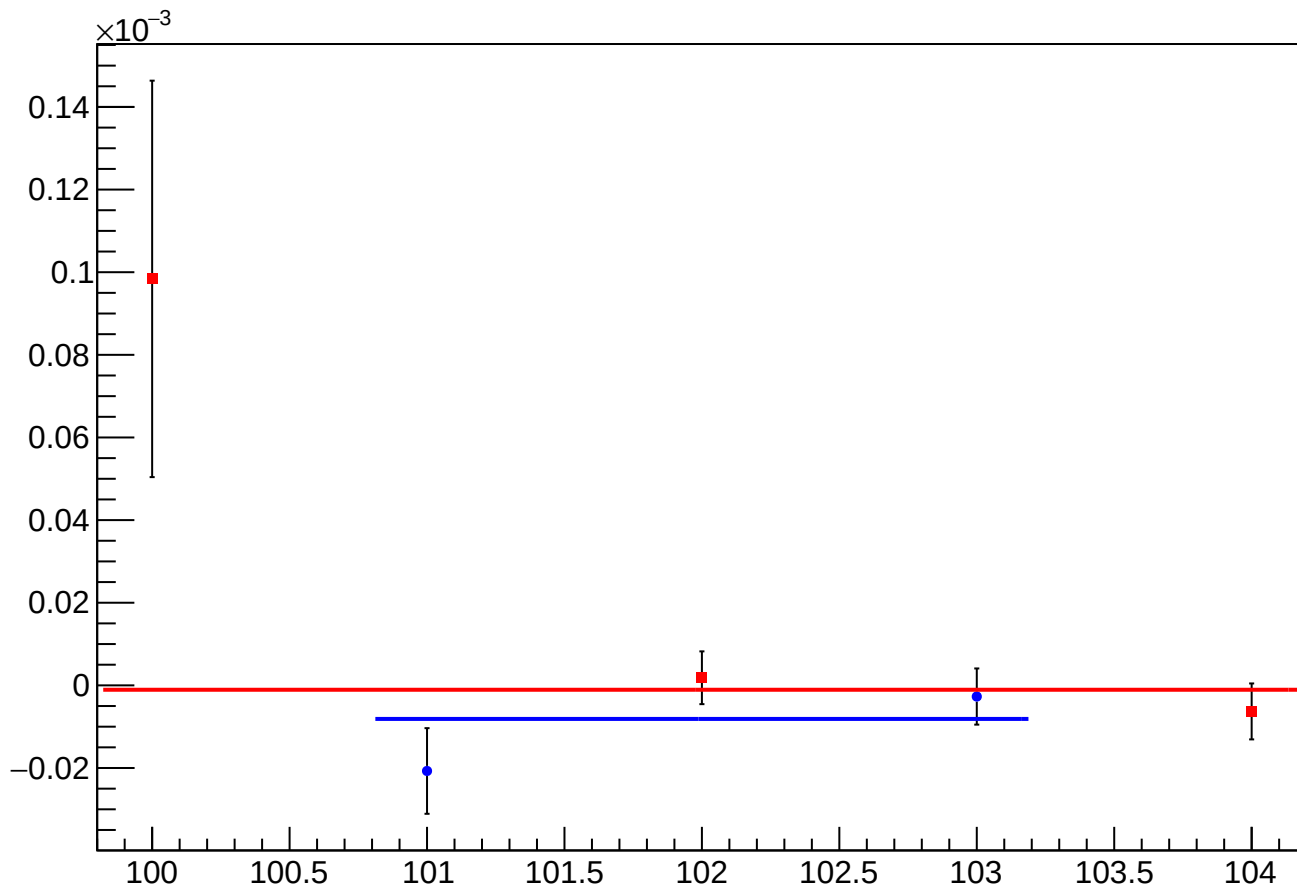
Right: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

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 : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

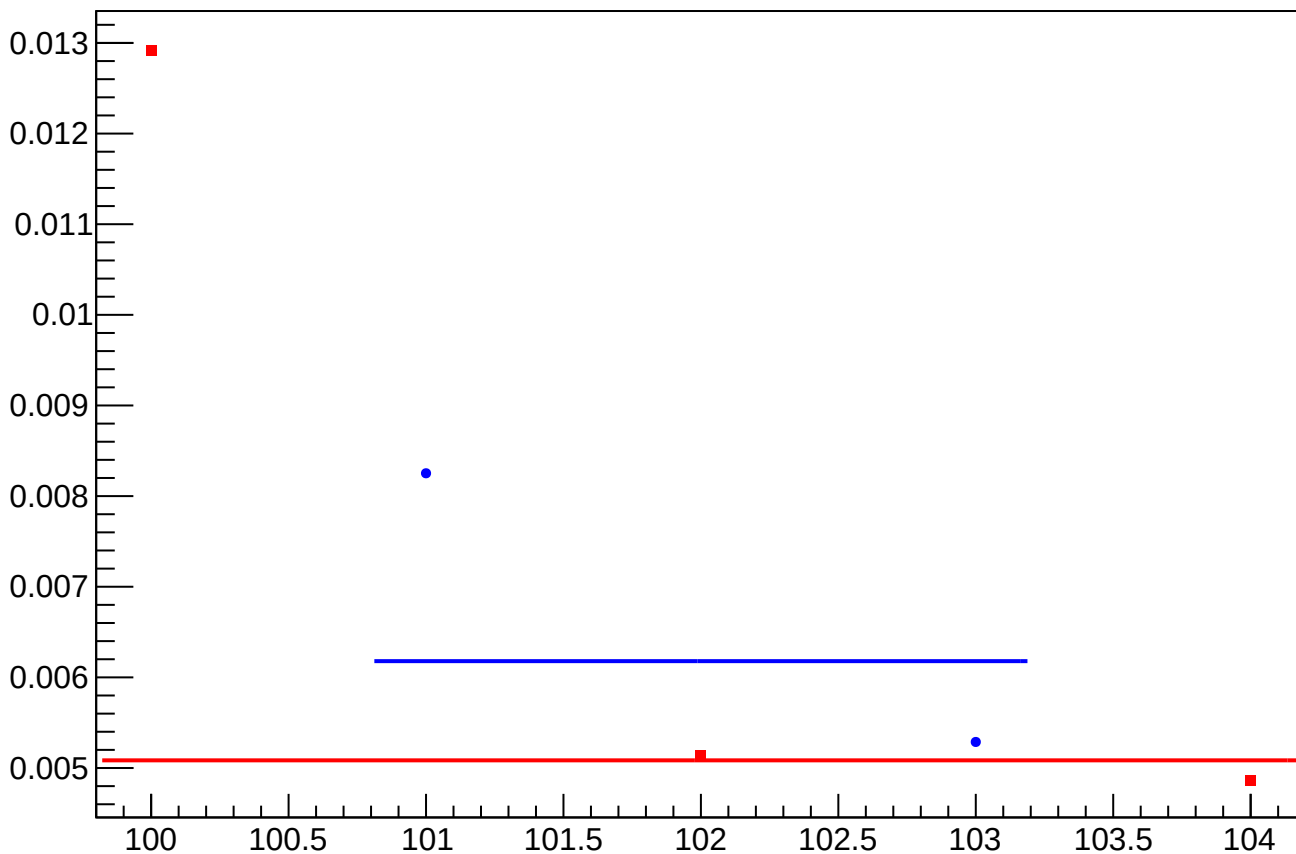
Right: -0.000+/-0.000 χ^2/NDF : 8.1/4

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 : 8.1/4

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 : 55553.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

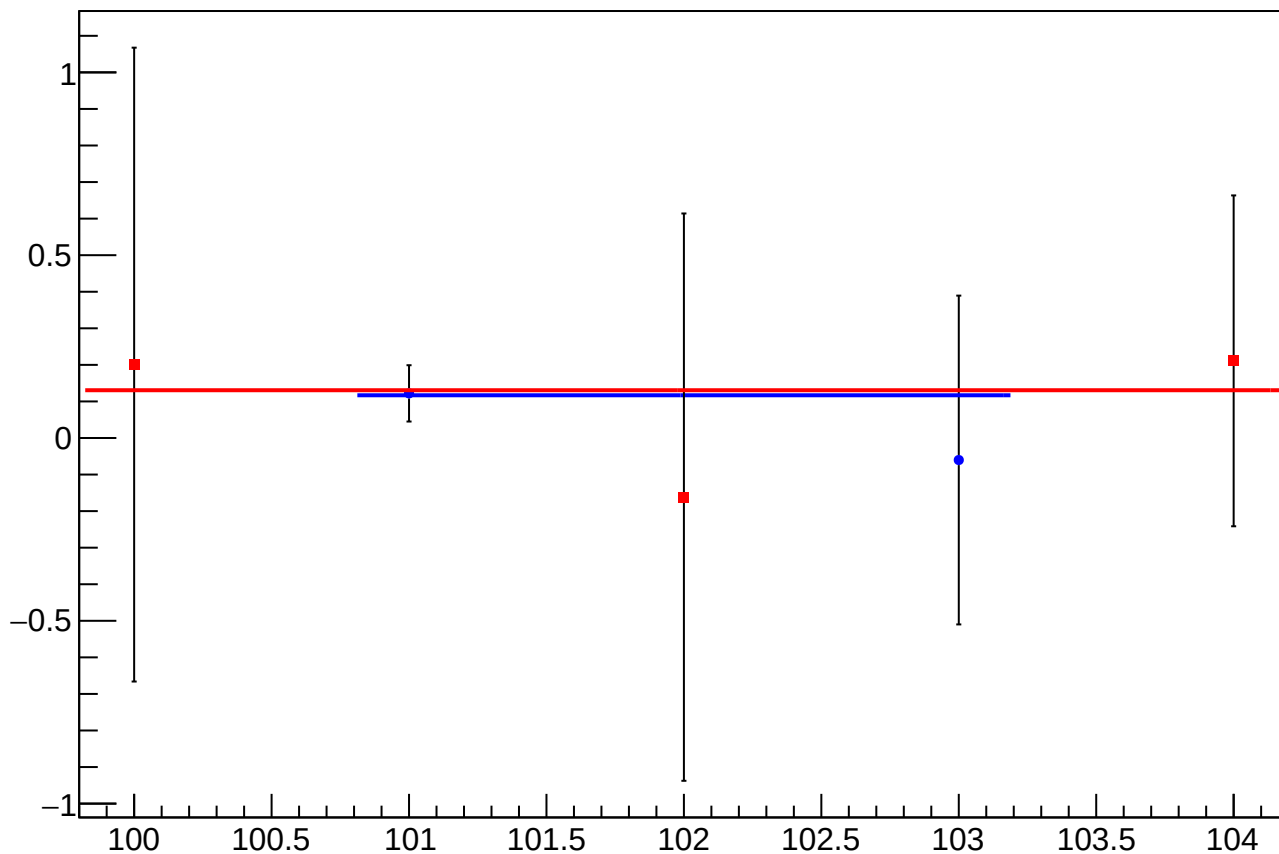
Right: 0.006+/-0.000 χ^2/NDF : 214558.8/4

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 : 214558.8/4

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.076 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

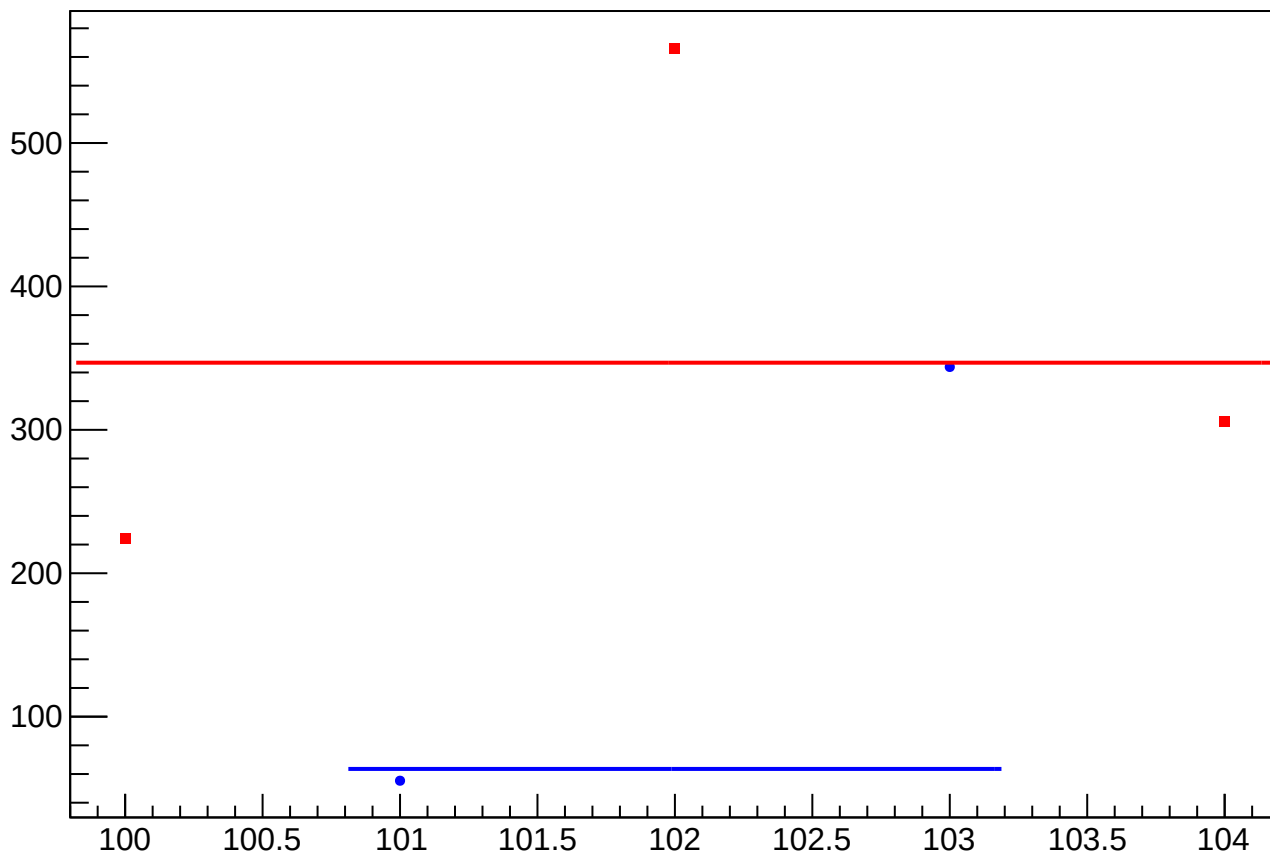
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.819+/-0.252 χ^2/NDF : 215978.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

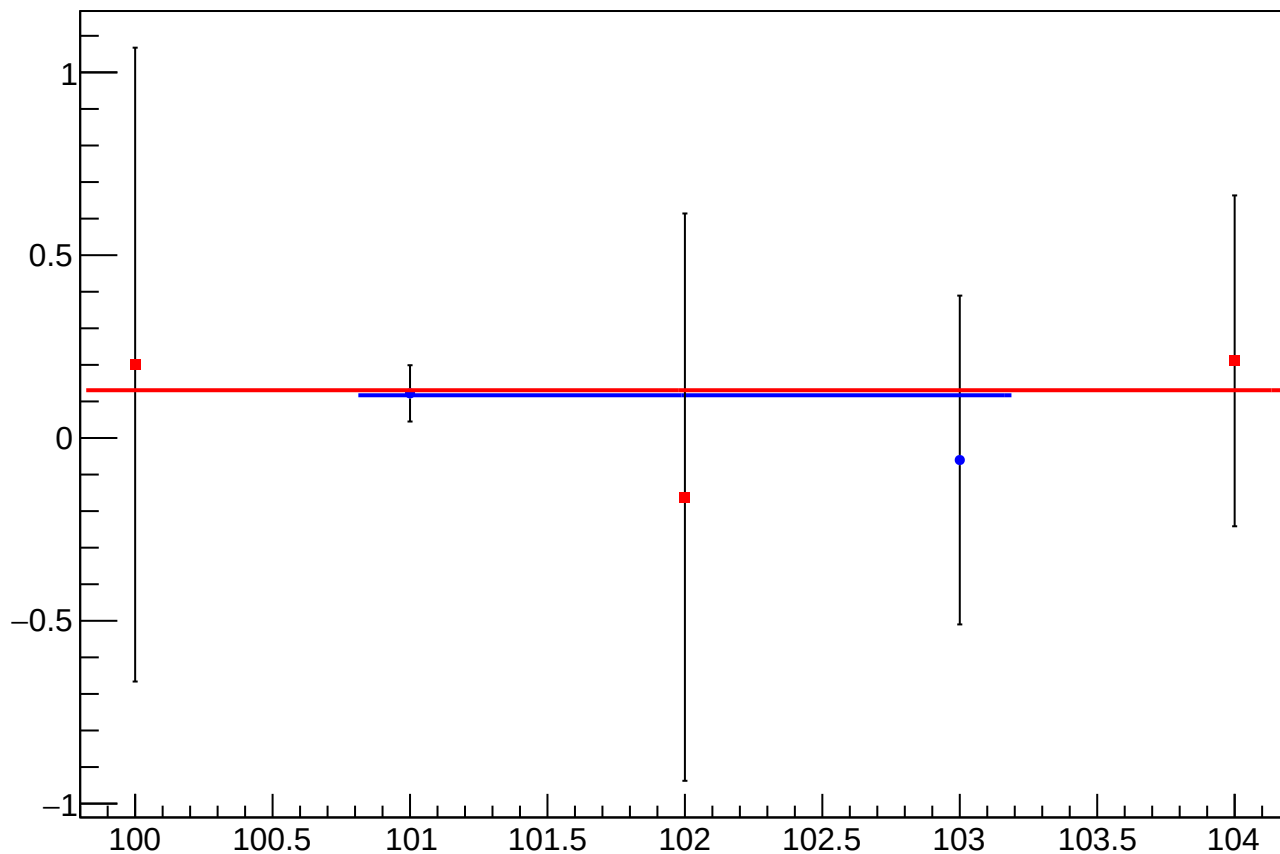
Right: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

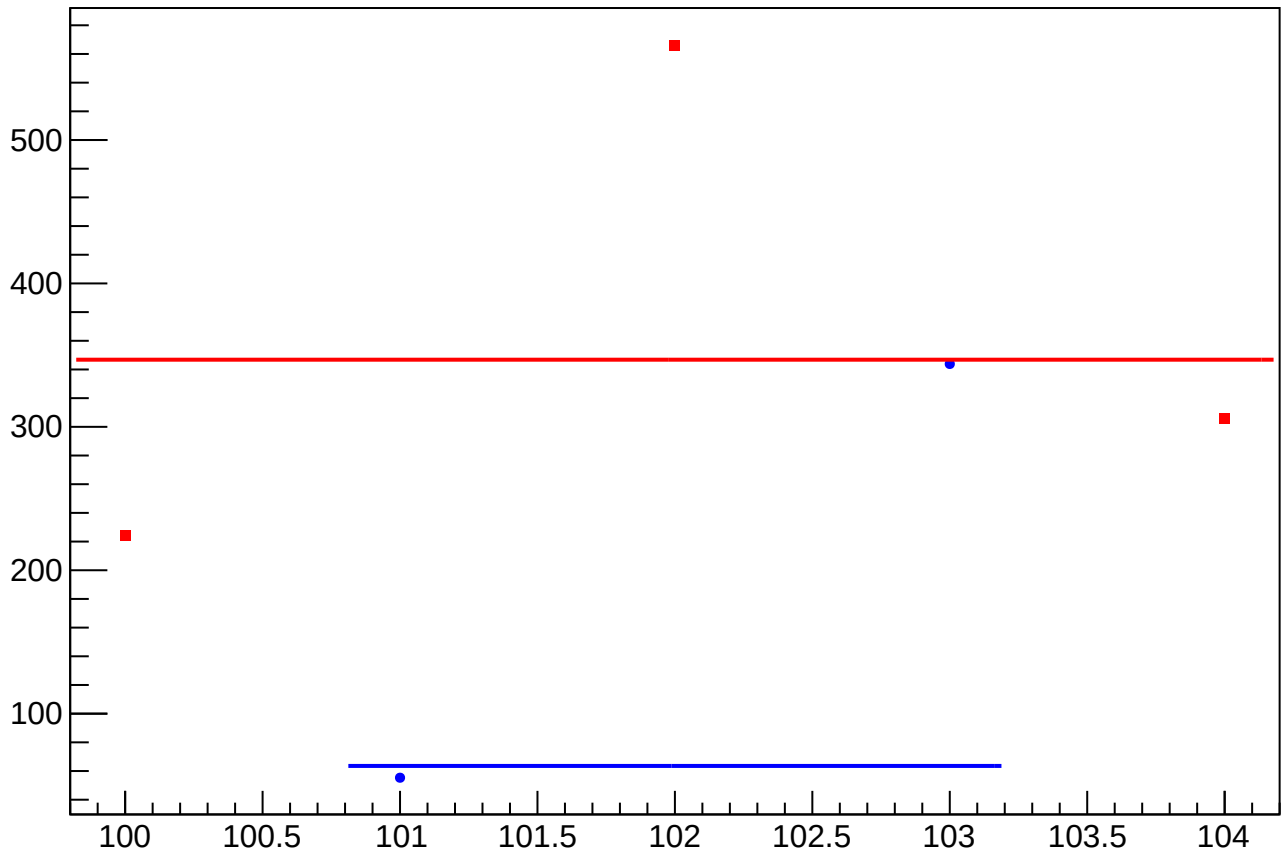
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.819+/-0.252 χ^2/NDF : 215978.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

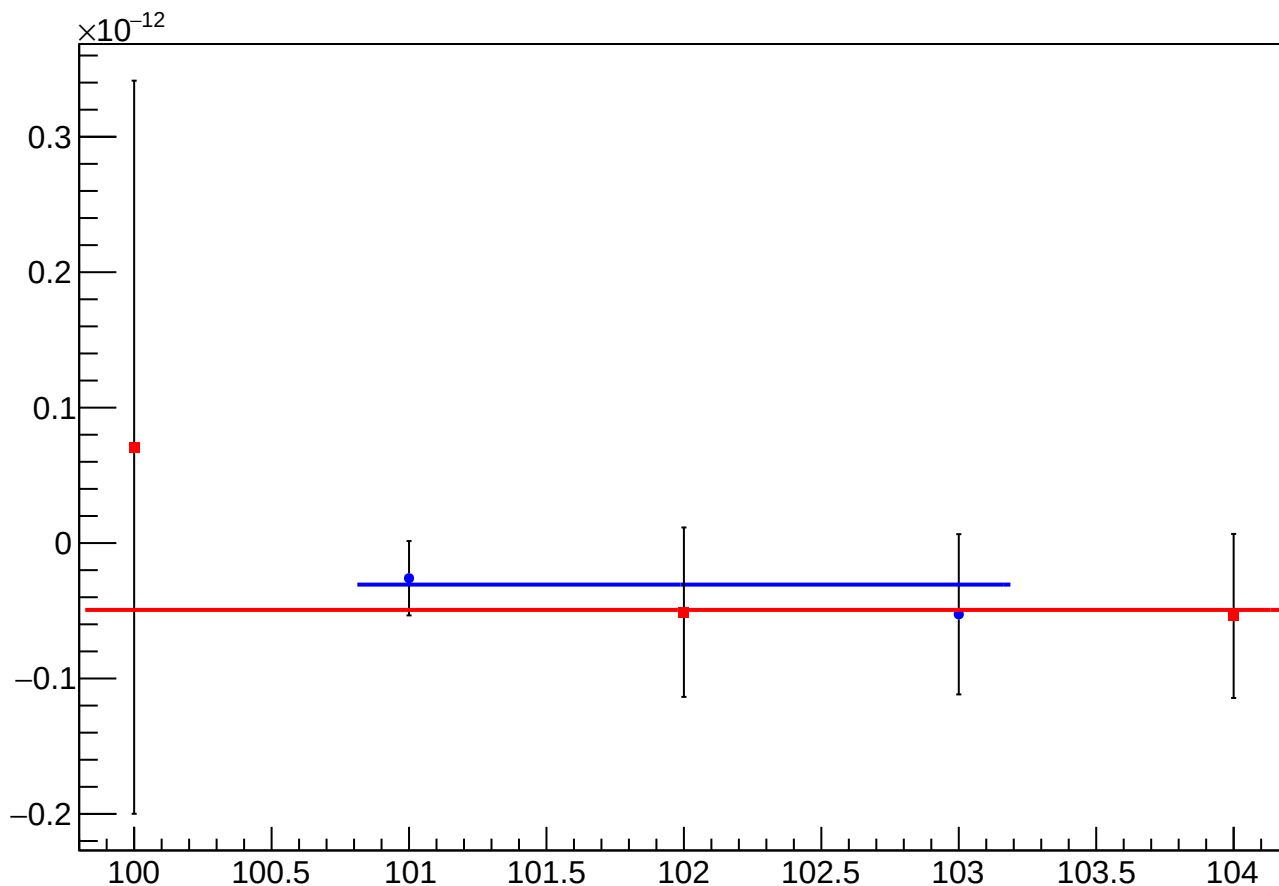
Right: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

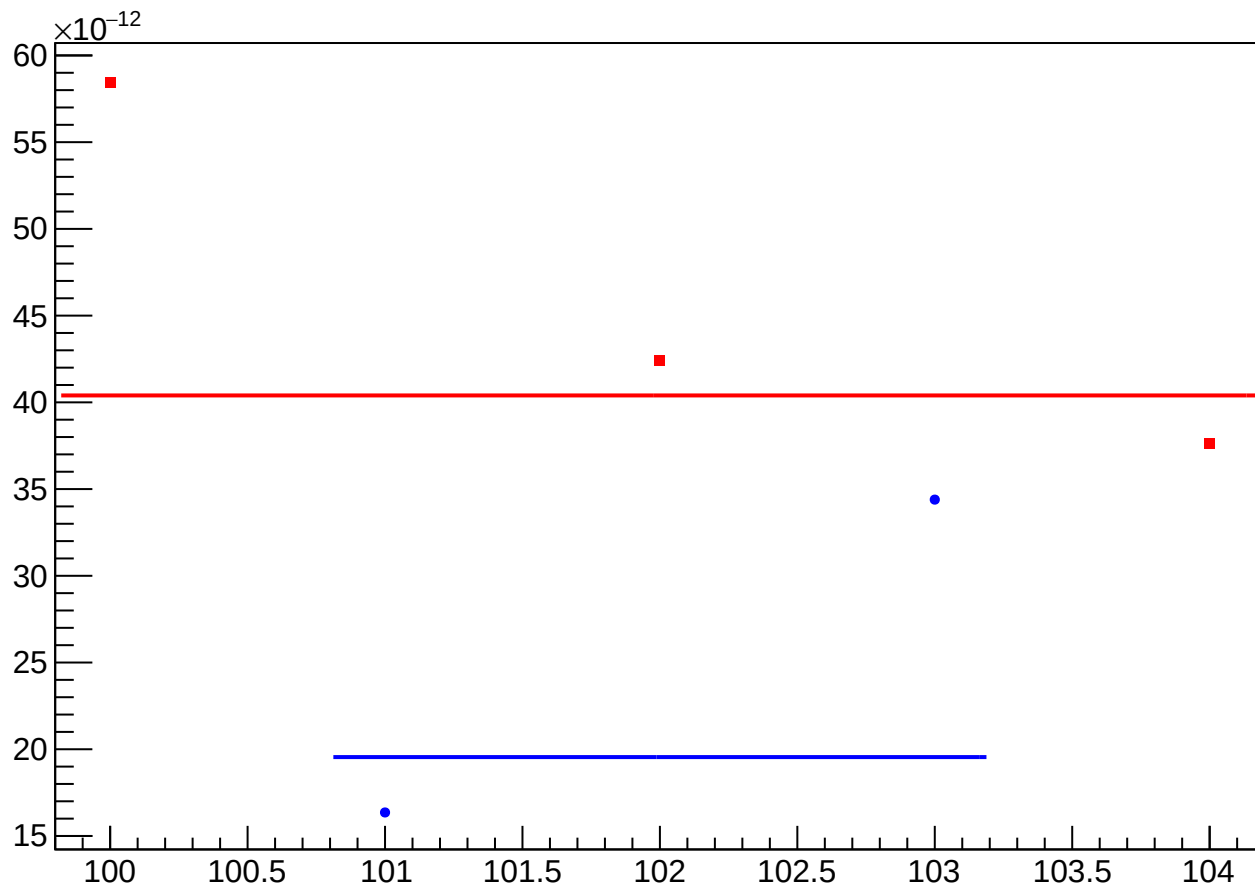
Right: -0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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 : 15065.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

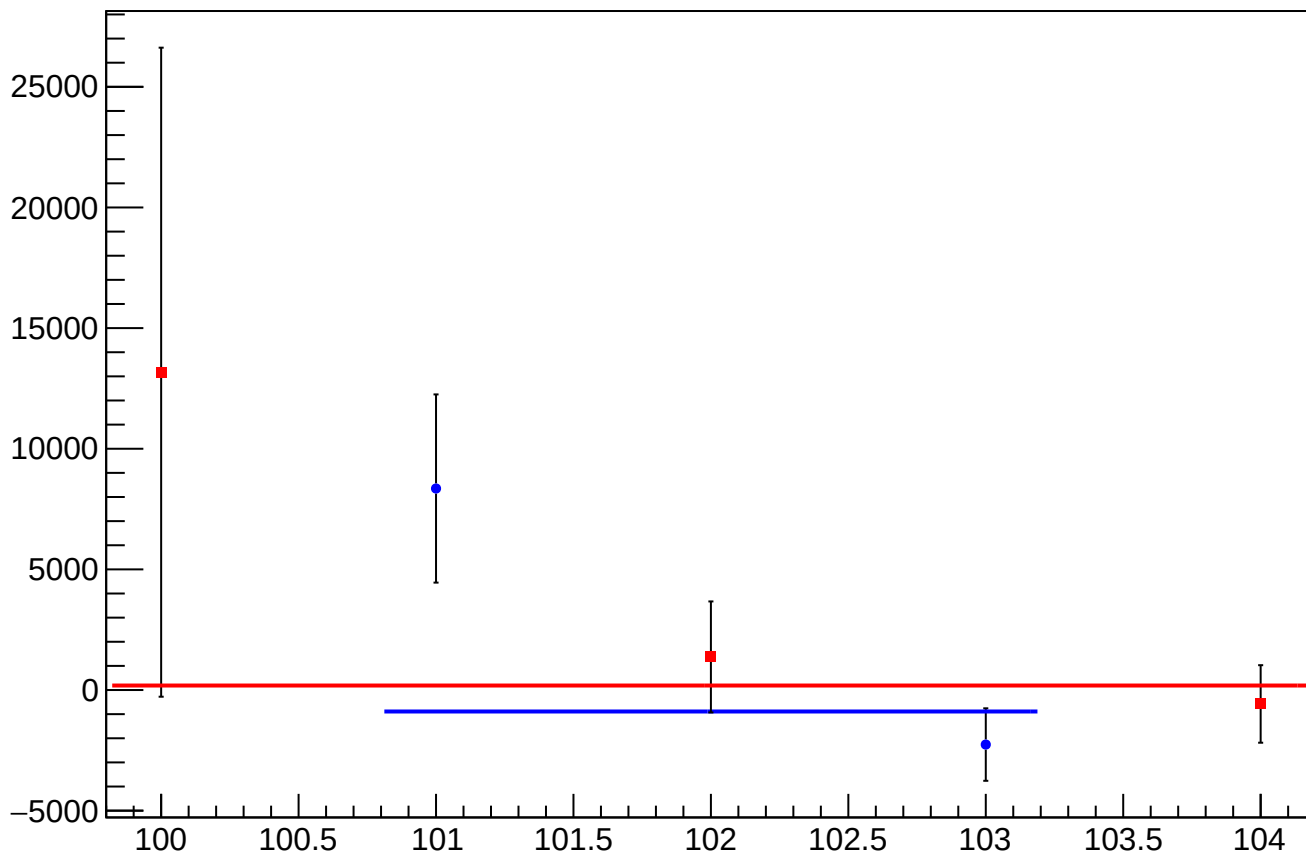
Right: 0.000+/-0.000 χ^2/NDF : 520669.5/4

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 : 520669.5/4

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: 186.441+/-1310.841 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

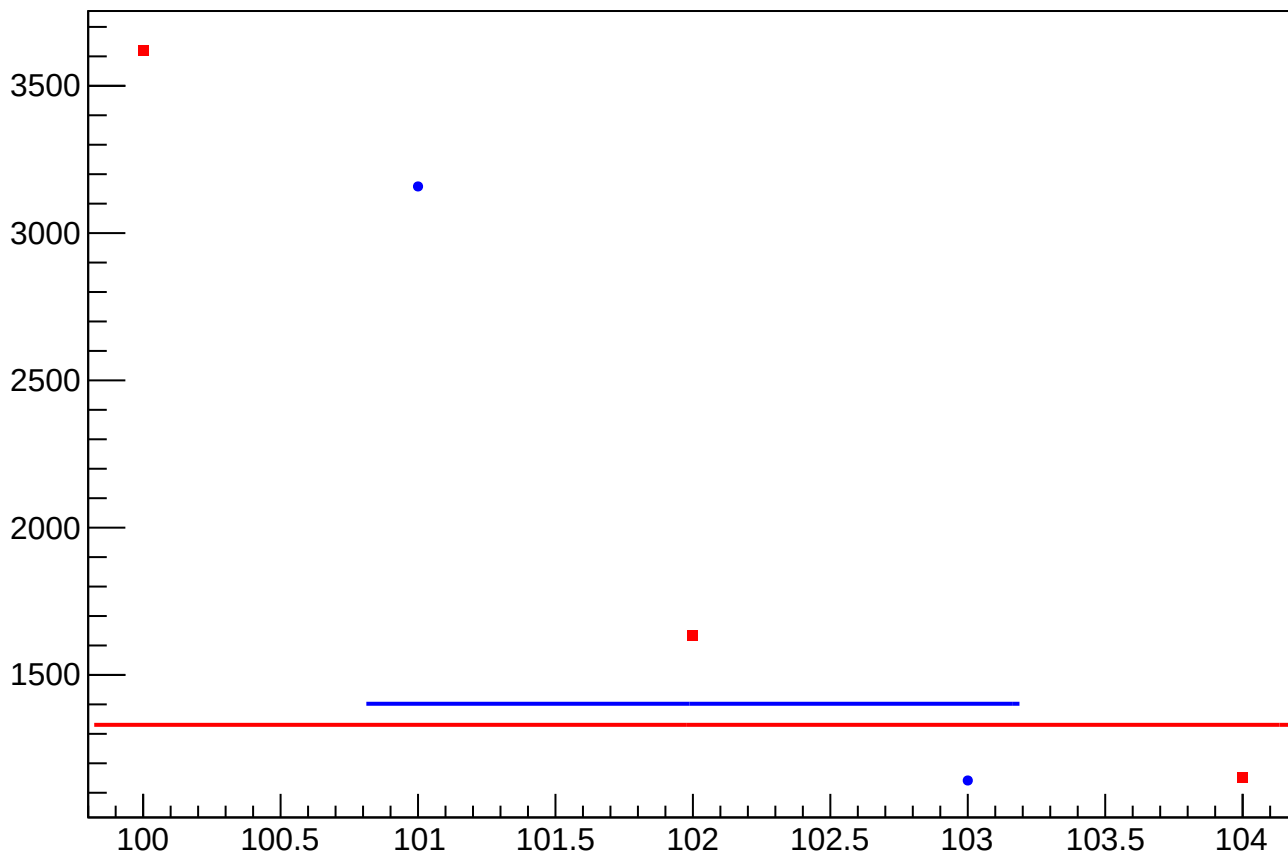
Right: -315.664+/-957.394 χ^2/NDF : 8.2/4

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.664+/-957.394 χ^2/NDF : 8.2/4

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: 1330.587+/-0.927 χ^2 /NDF: 117877.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

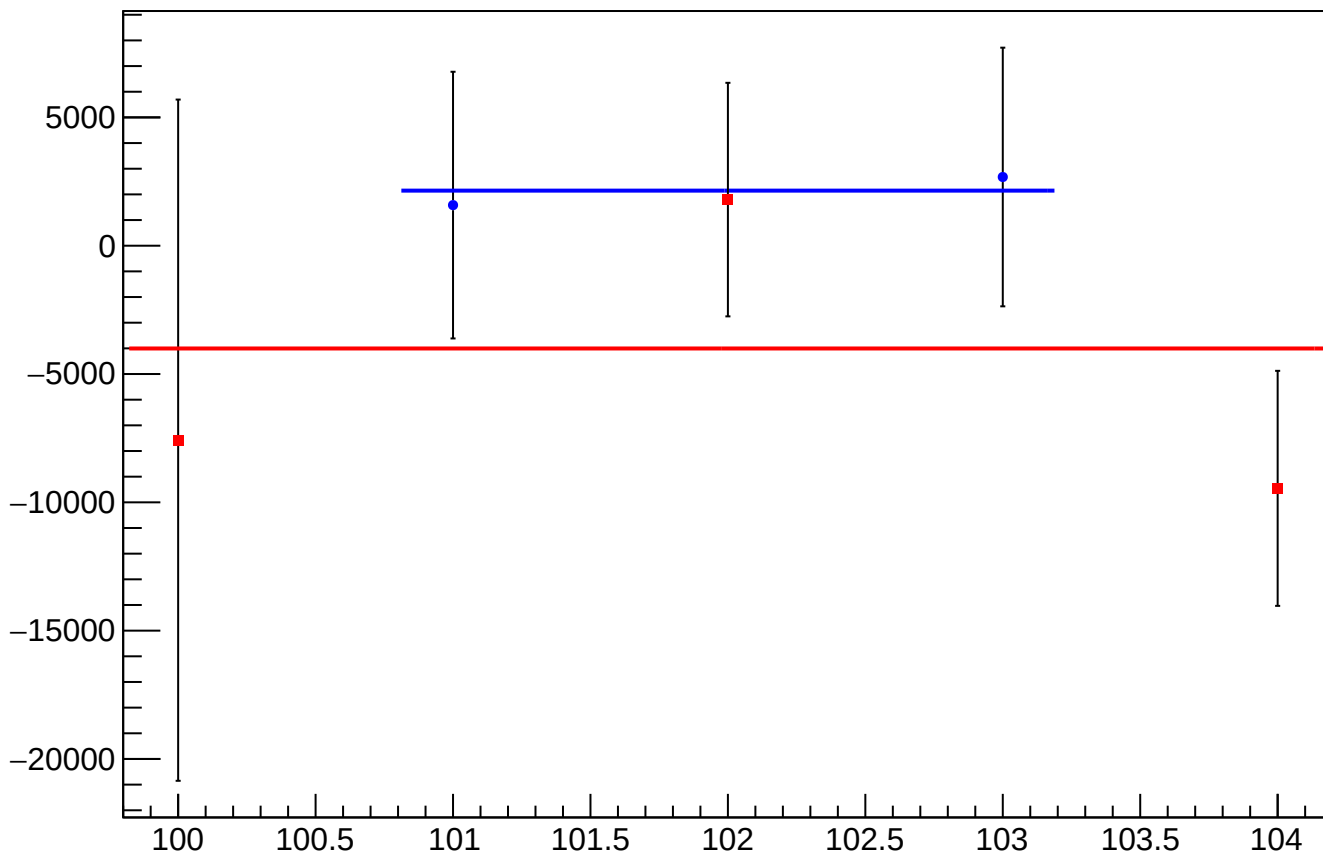
Right: 1363.966+/-0.677 χ^2 /NDF: 586376.7/4

In: 1402.128+/-0.991 χ^2 /NDF:465720.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1363.966+/-0.677 χ^2 /NDF: 586376.7/4

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539 $\pm$ 3617.614 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4004.726 $\pm$ 3136.348 χ^2 /NDF: 3.1/2

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

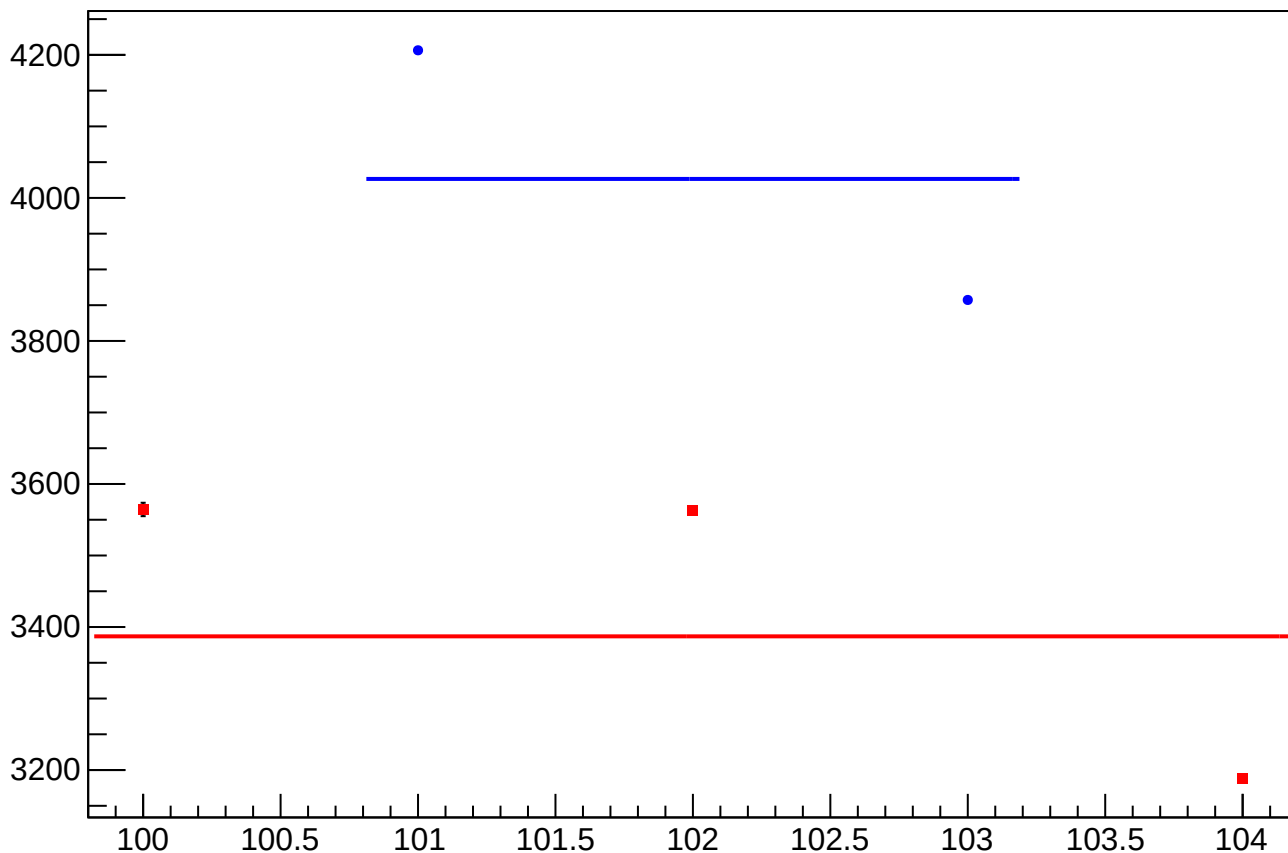
Right: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

In: 2146.539 $\pm$ 3617.614 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

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: 3386.948+/-2.218 χ^2/NDF : 7095.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

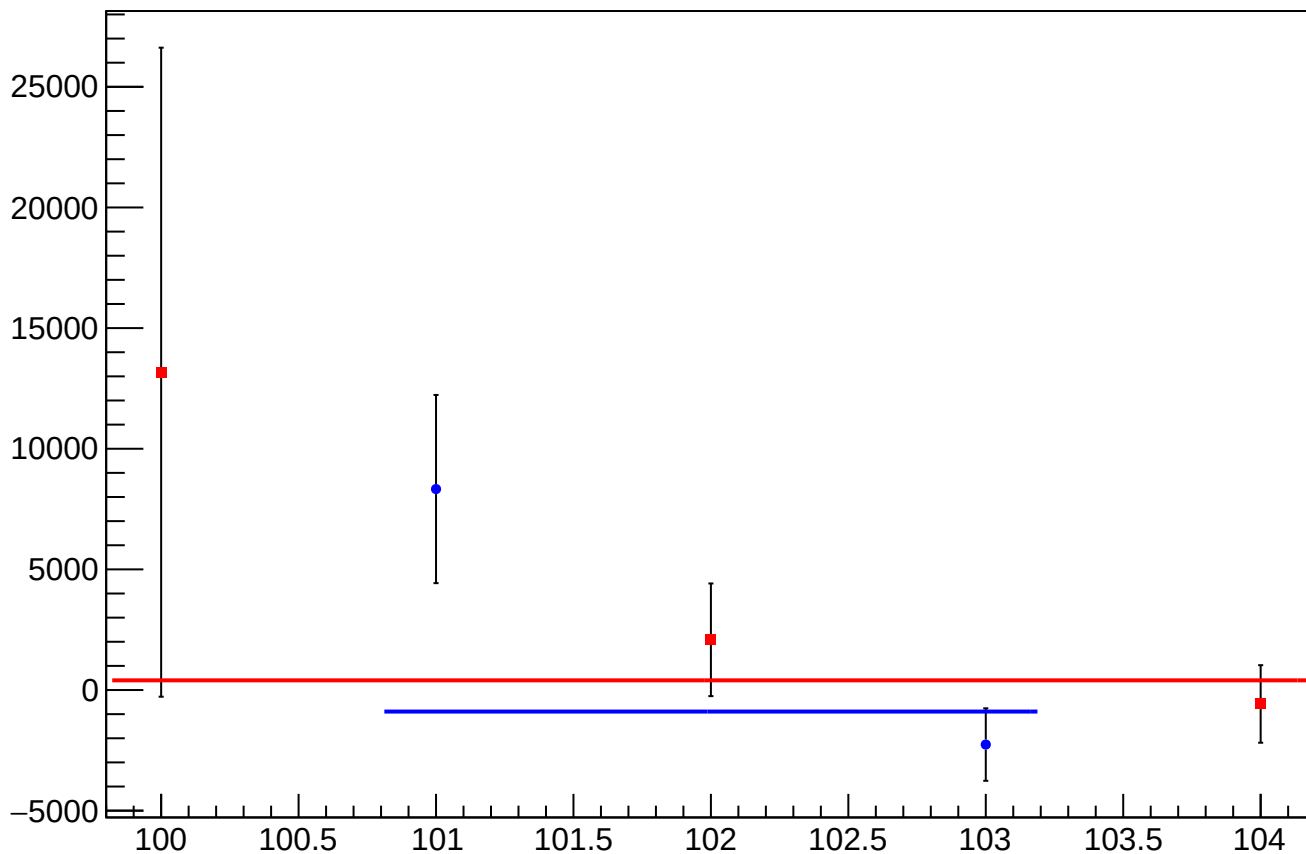
Right: 3661.399+/-1.676 χ^2/NDF : 47437.1/4

In: 4026.541+/-2.558 χ^2/NDF :4651.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3661.399+/-1.676 χ^2/NDF : 47437.1/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

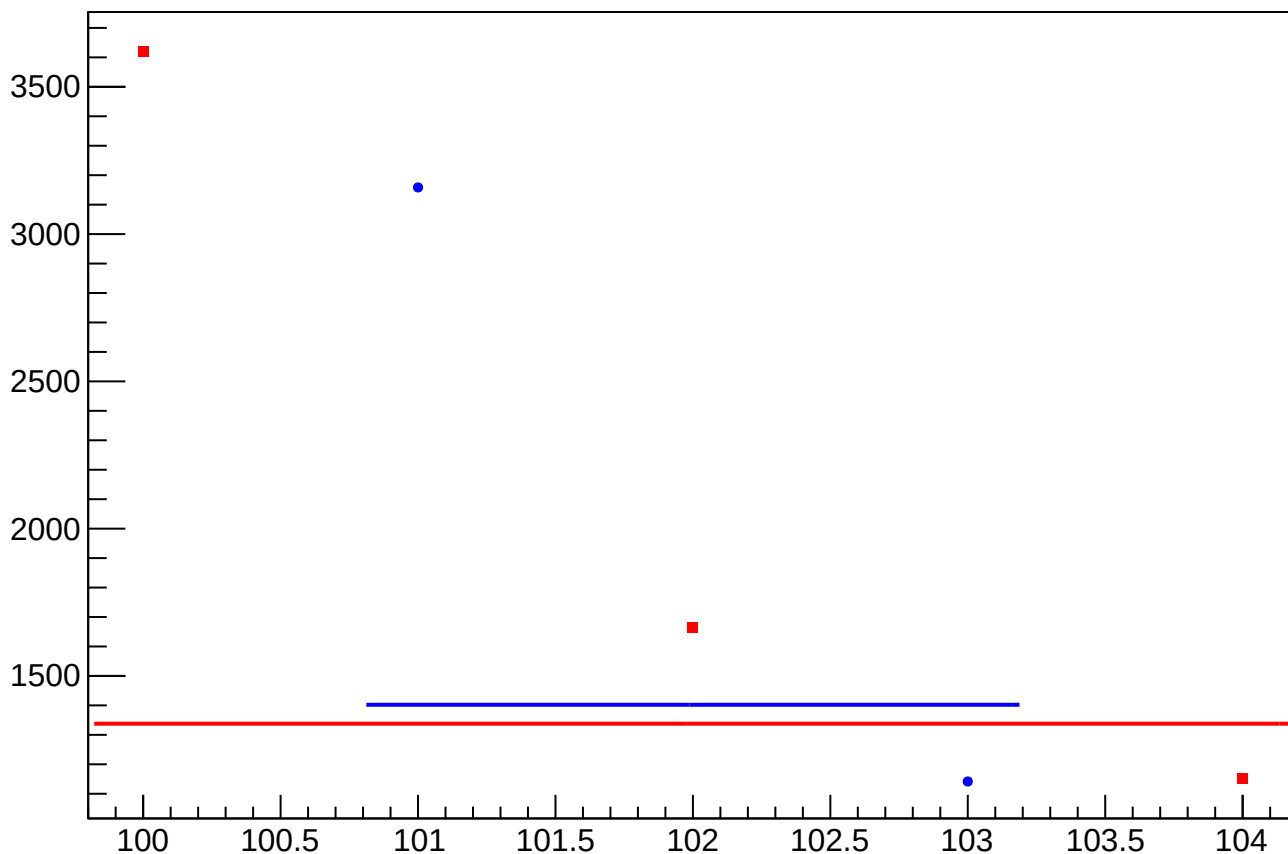
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

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: 1337.882+/-0.931 χ^2/NDF : 124311.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

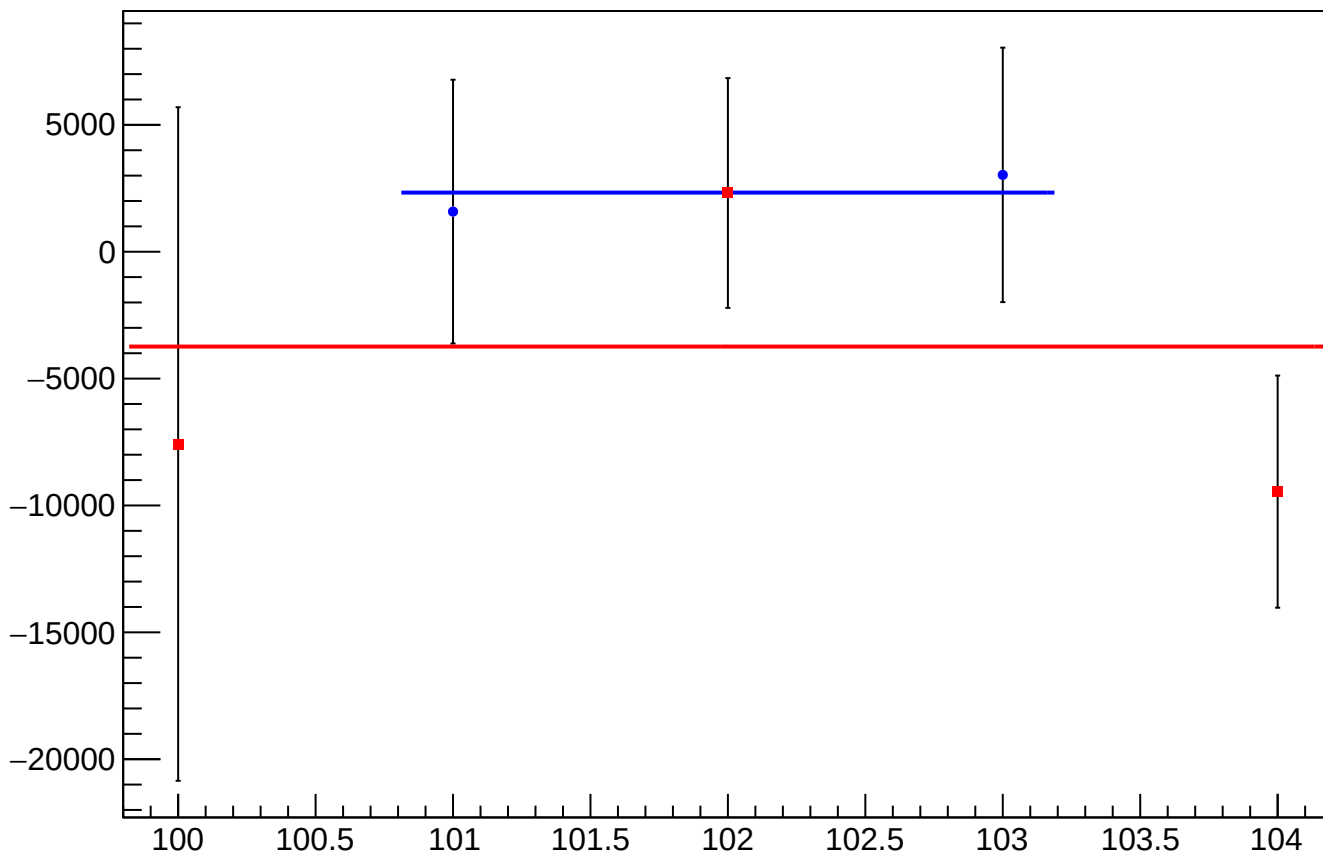
Right: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

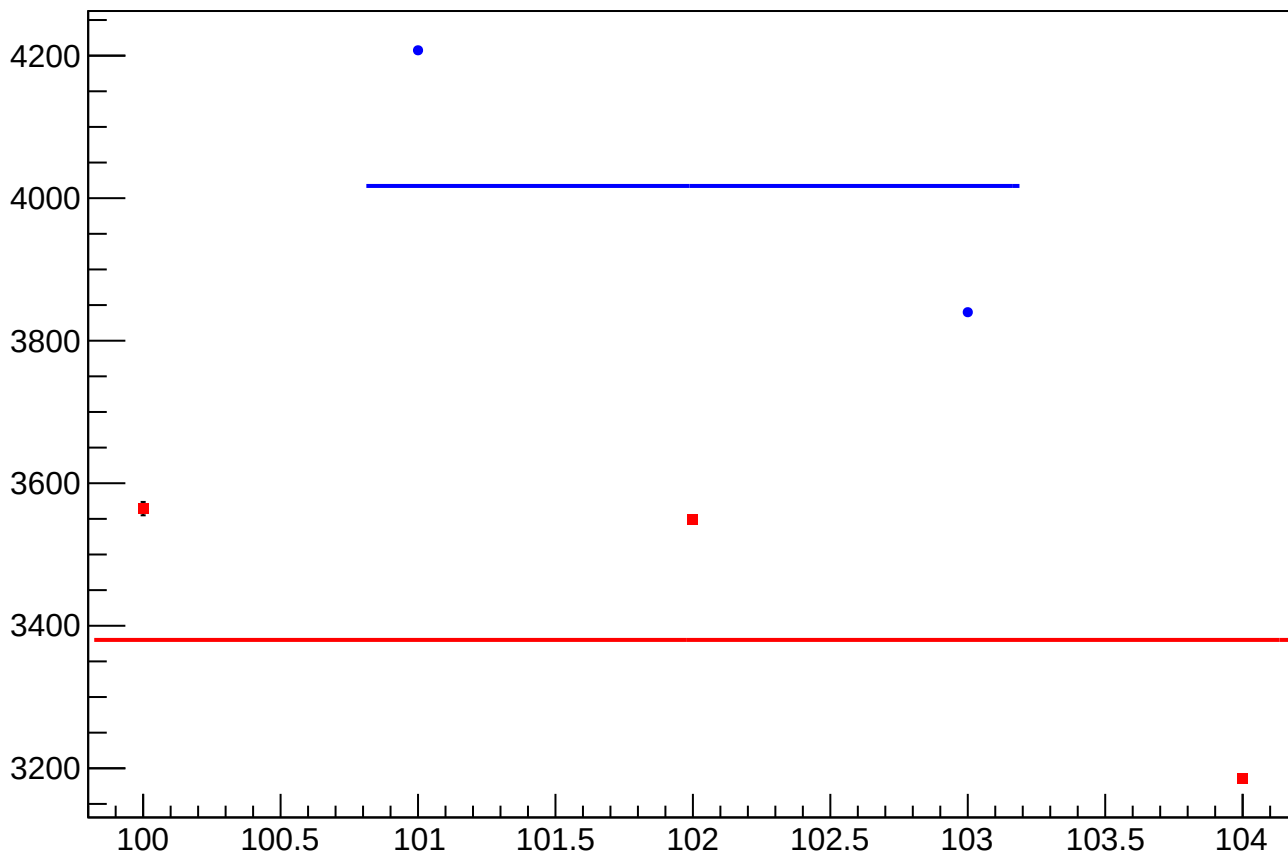
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

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: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

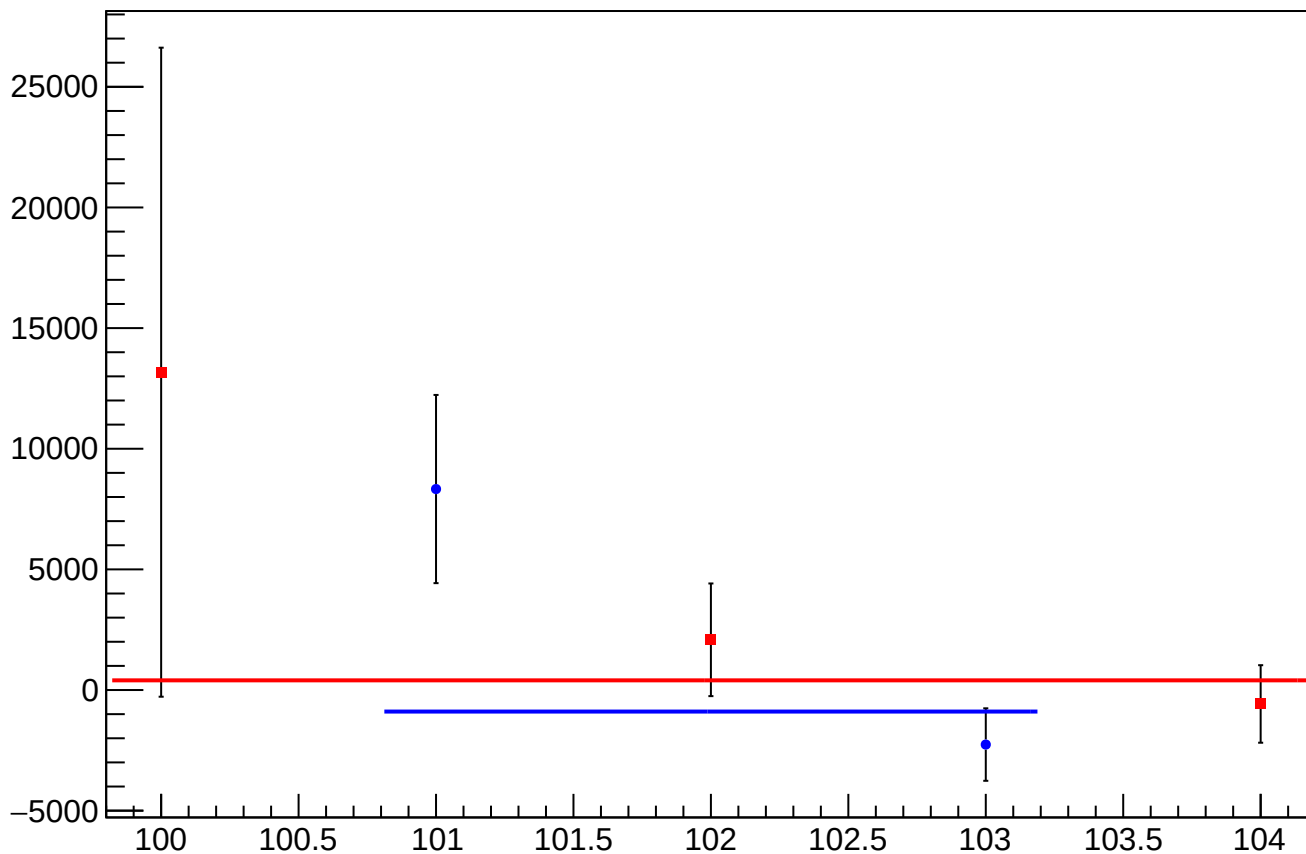
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

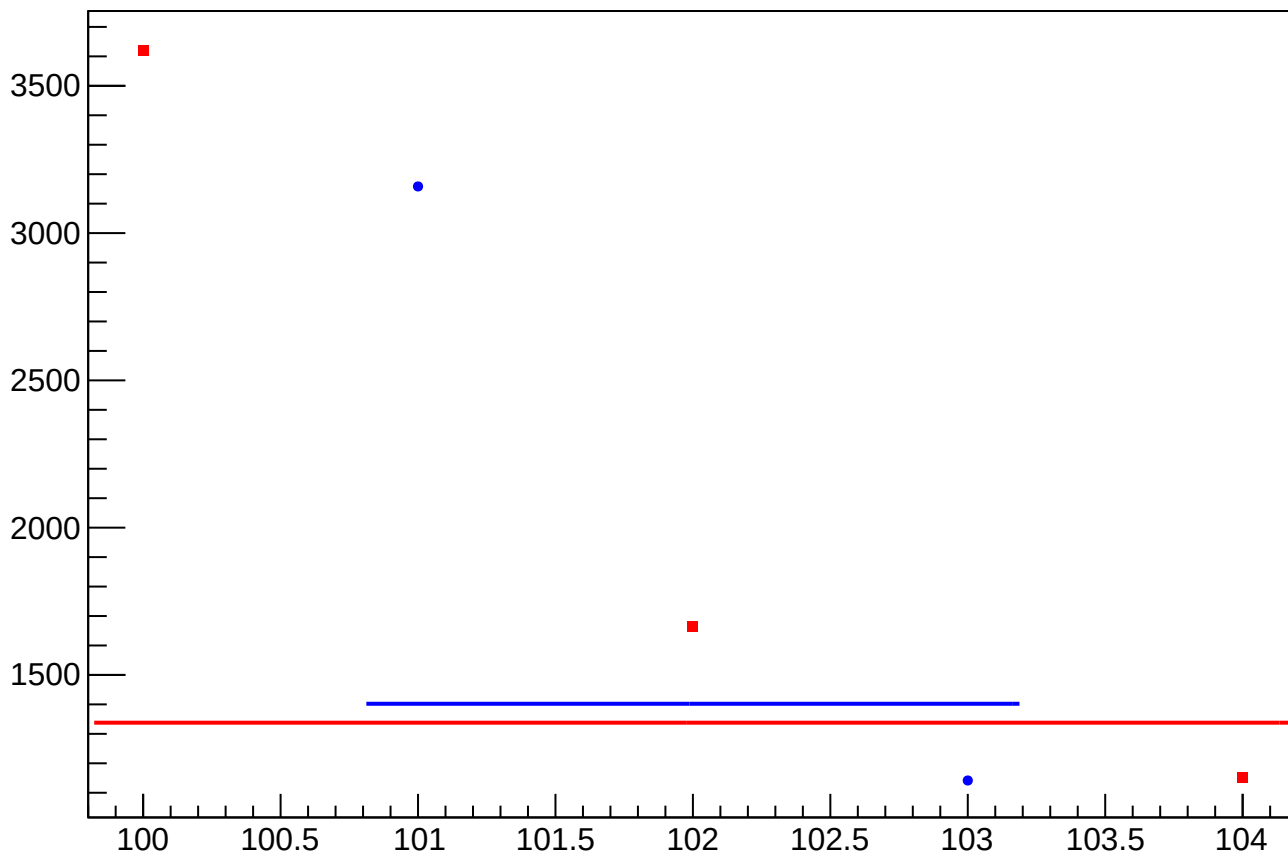
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

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: 1337.882+/-0.931 χ^2 /NDF: 124311.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

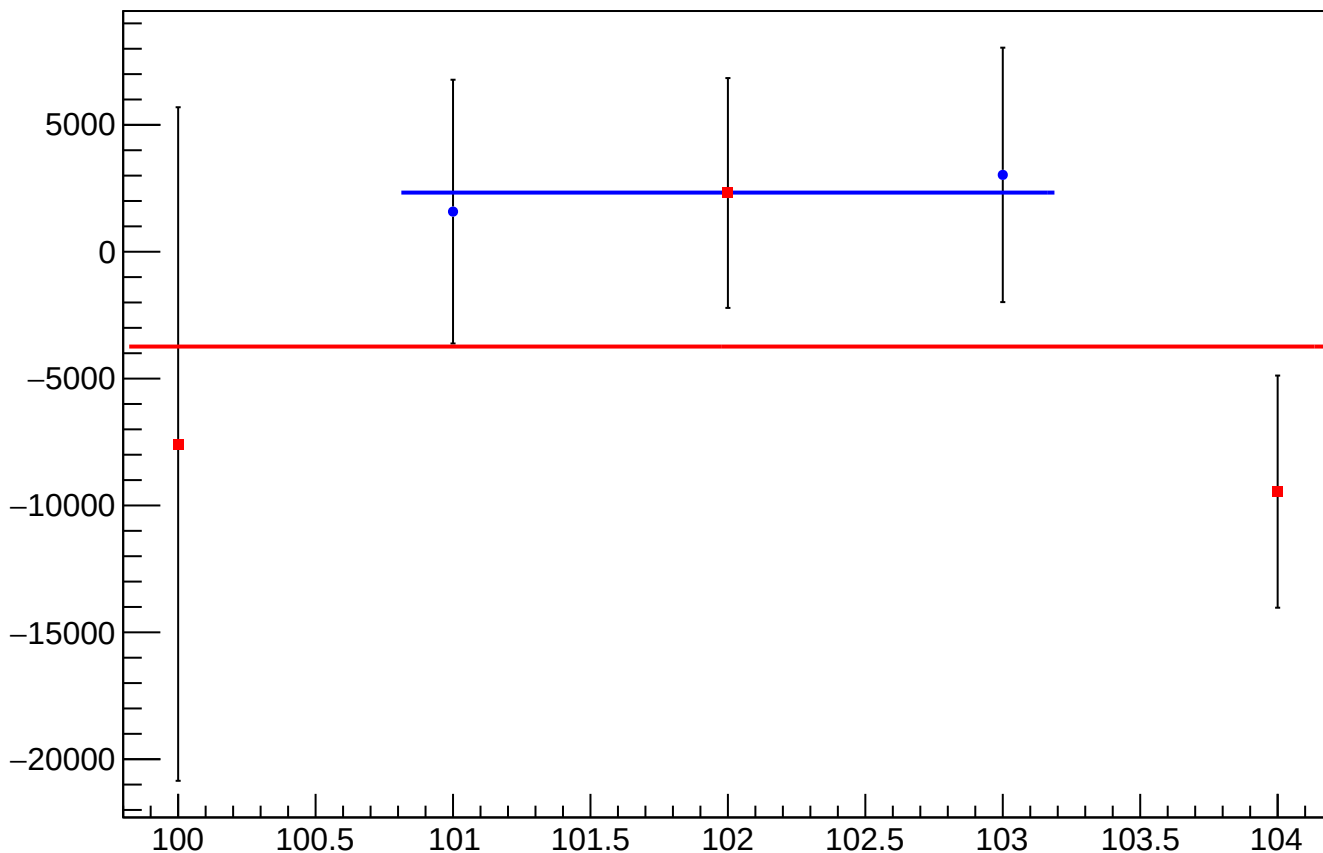
Right: 1368.010+/-0.679 χ^2 /NDF: 592264.9/4

In: 1402.126+/-0.991 χ^2 /NDF:465721.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1368.010+/-0.679 χ^2 /NDF: 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

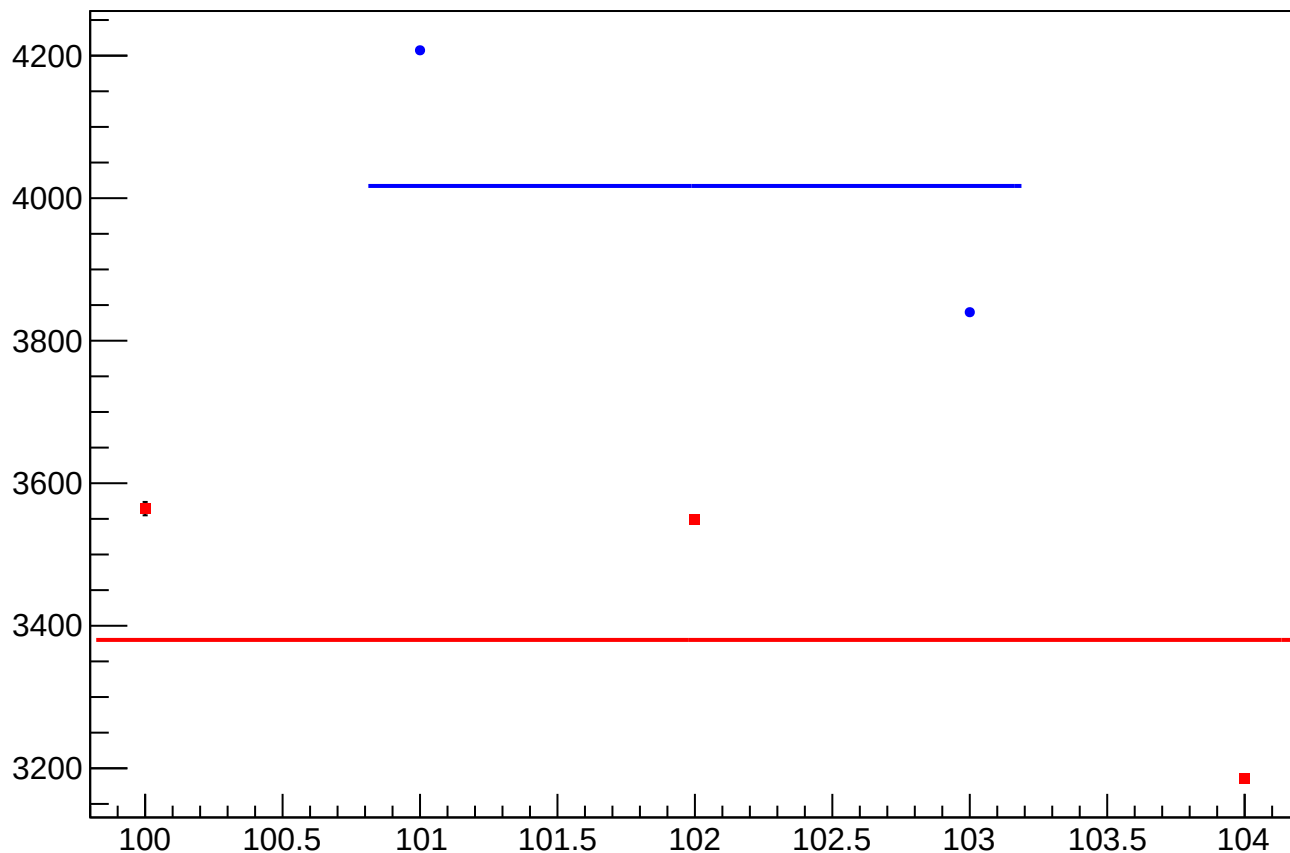
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

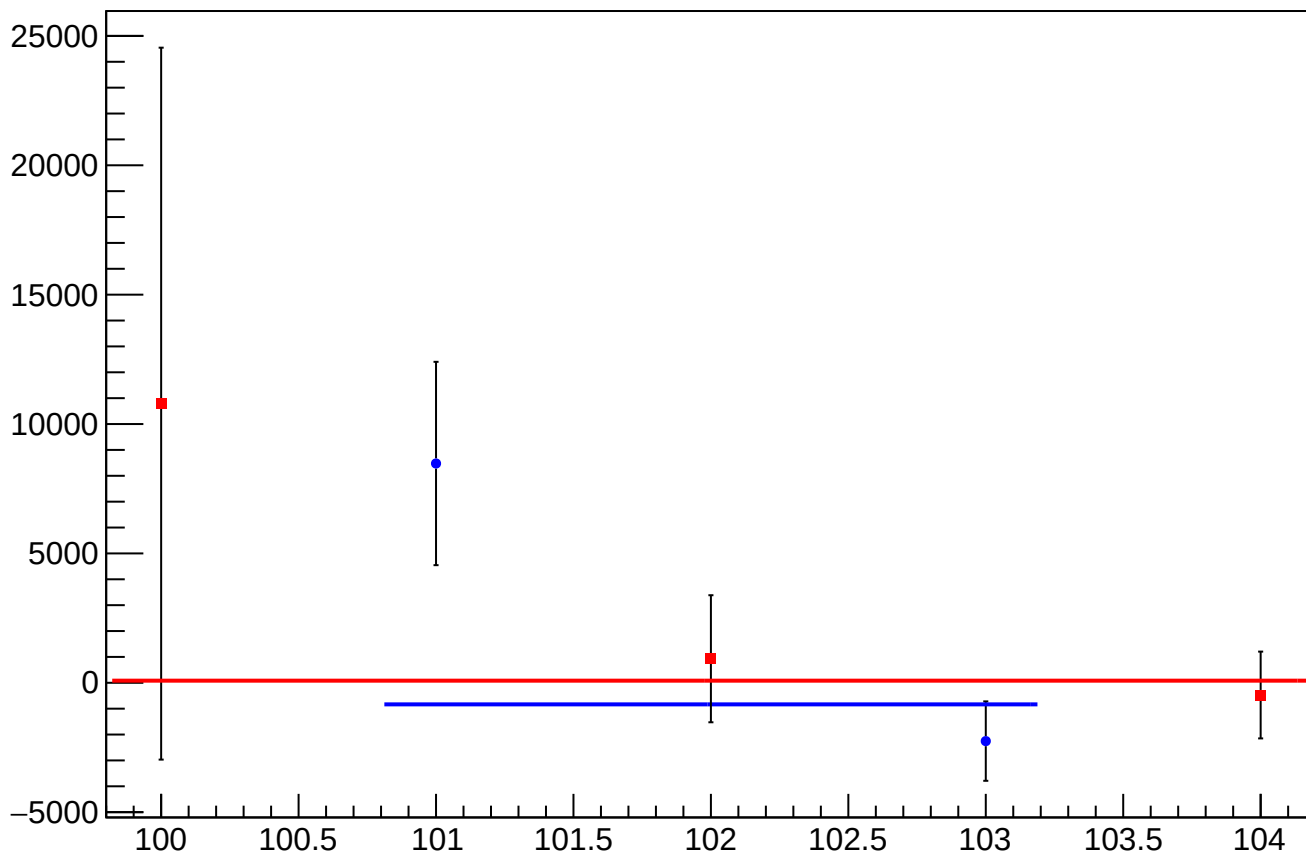
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 82.290+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

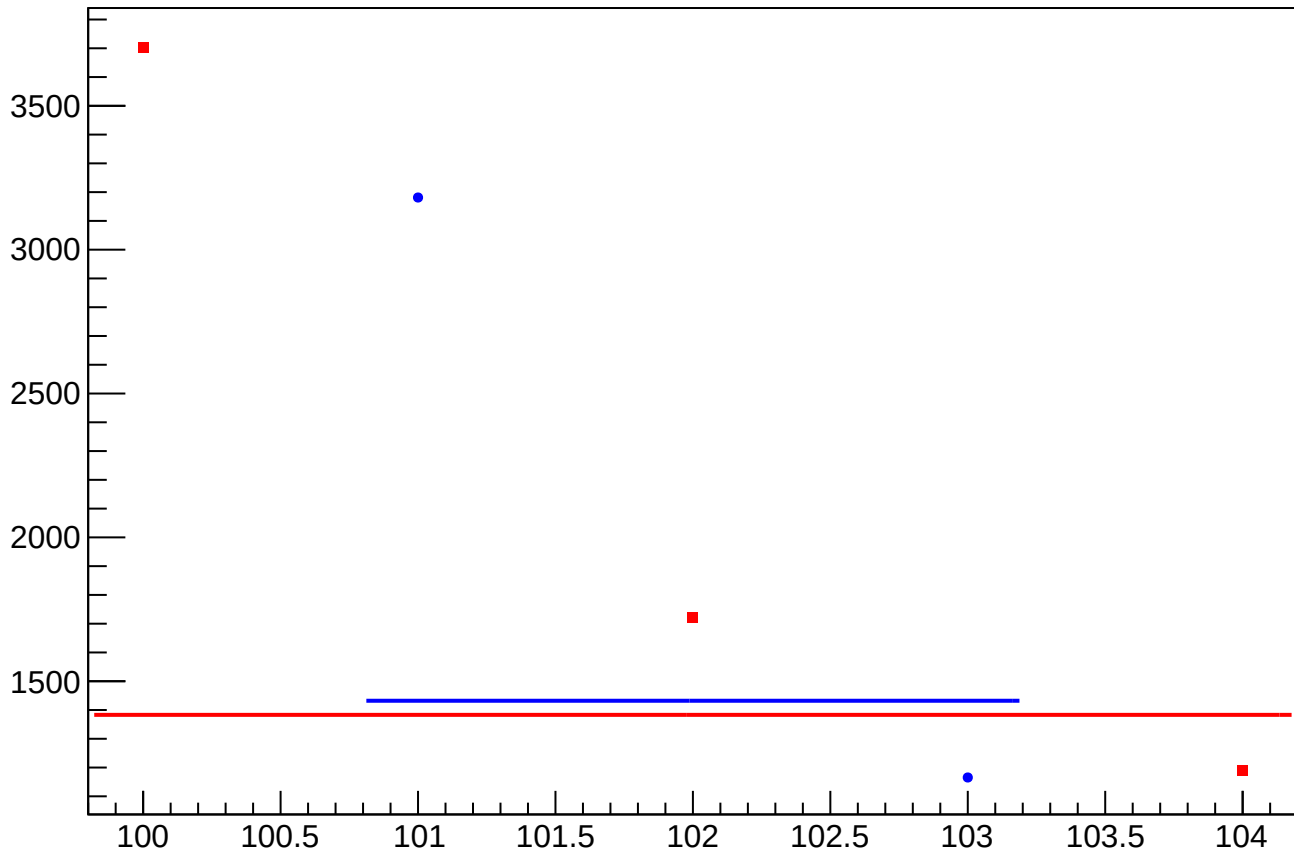
Right: -359.064+/-992.039 χ^2/NDF : 7.5/4

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.064+/-992.039 χ^2/NDF : 7.5/4

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: 1383.116+/-0.974 χ^2/NDF : 121247.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

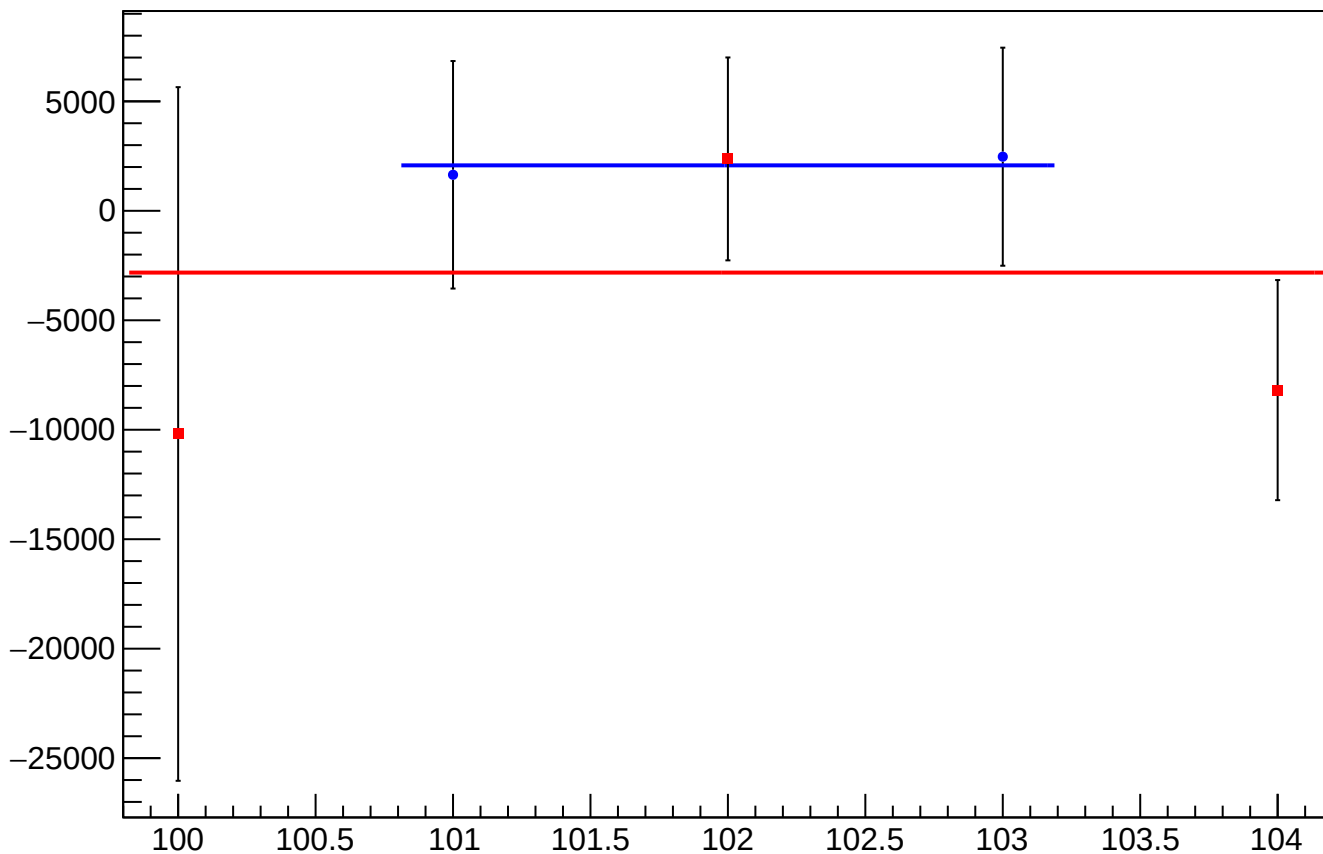
Right: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

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: -2821.560+/-3330.942 χ^2 /NDF: 2.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

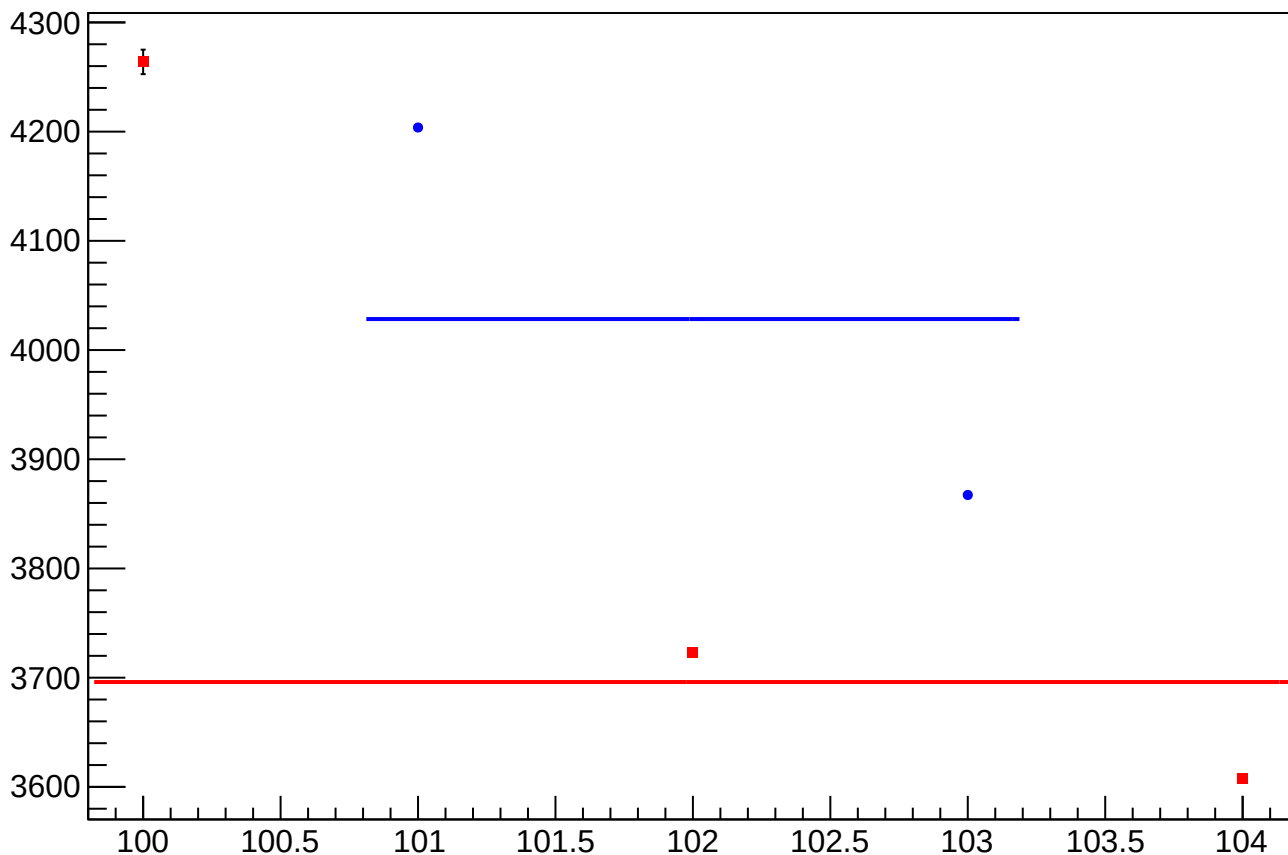
Right: -559.329+/-2443.470 χ^2 /NDF: 3.6/4

In: 2076.324+/-3595.363 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -559.329+/-2443.470 χ^2 /NDF: 3.6/4

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: 3696.016+/-2.355 χ^2/NDF : 3259.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

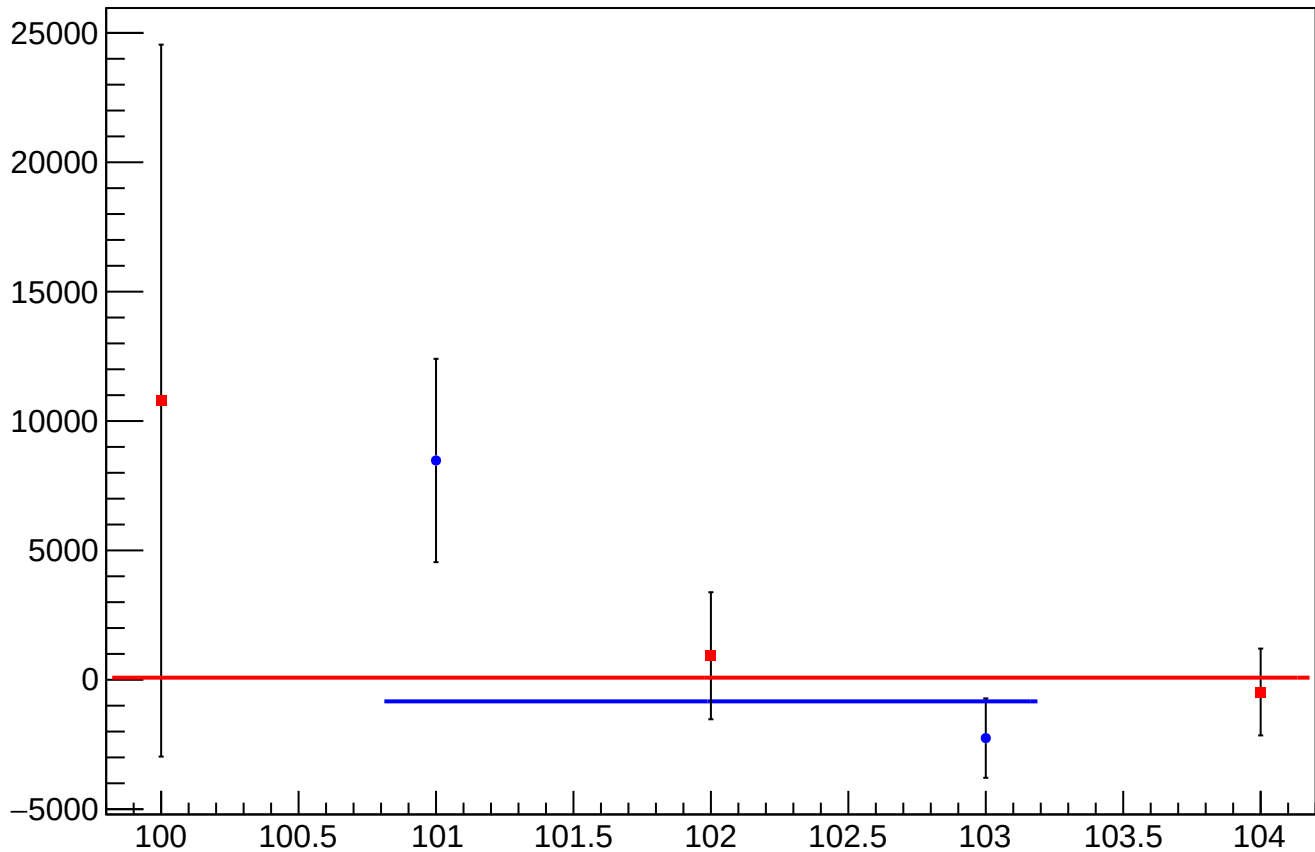
Right: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

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: 82.279+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

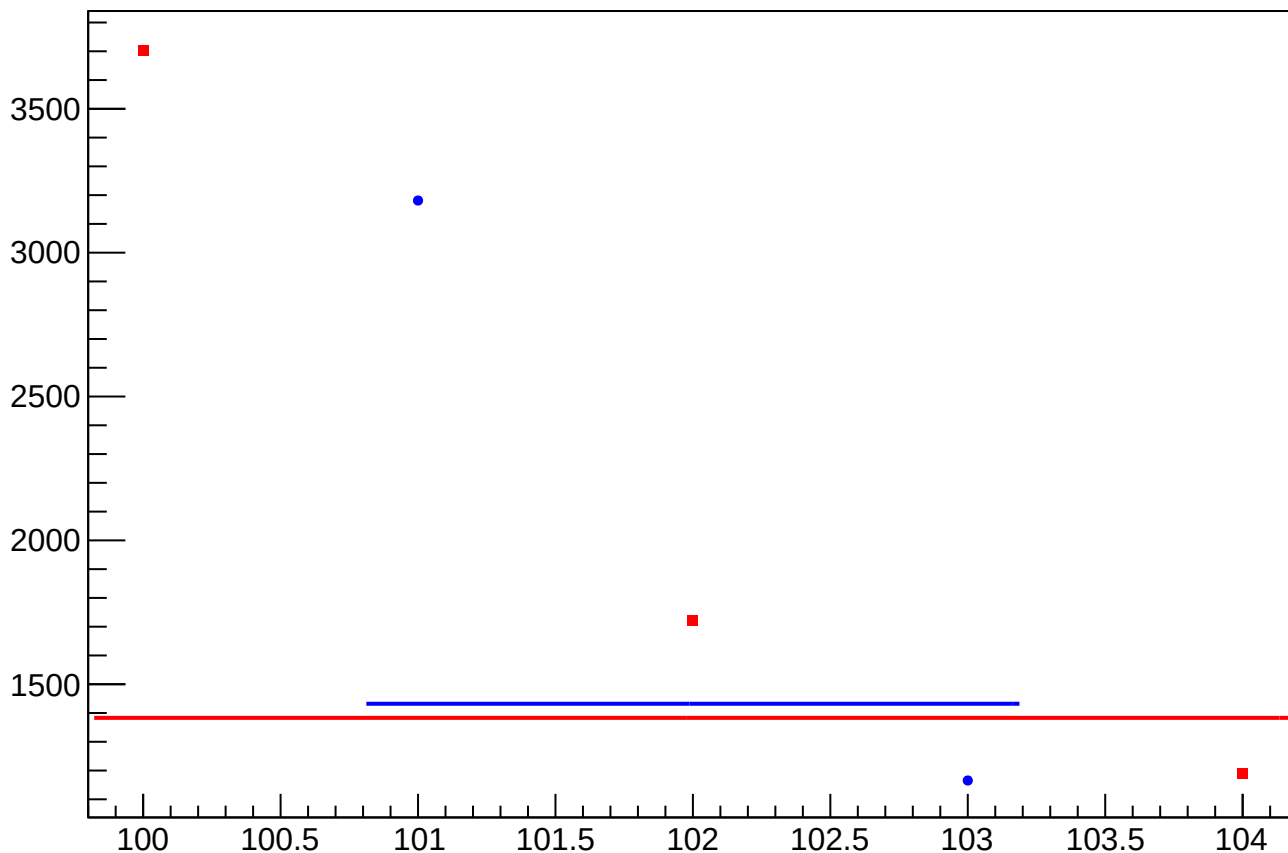
Right: -359.071+/-992.038 χ^2/NDF : 7.5/4

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.071+/-992.038 χ^2/NDF : 7.5/4

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: 1383.115+/-0.974 χ^2/NDF : 121247.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

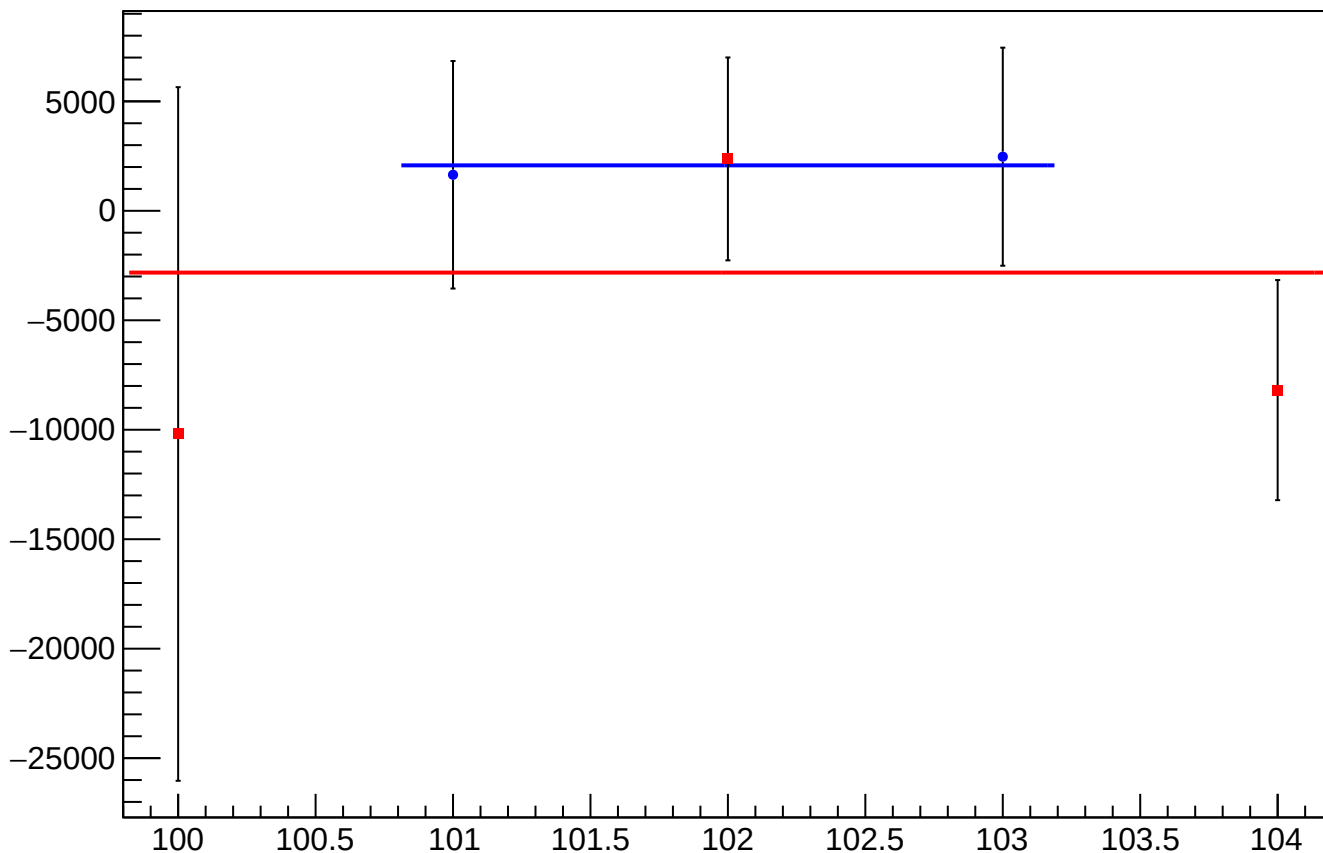
Right: 1406.738+/-0.701 χ^2/NDF : 579251.4/4

In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.738+/-0.701 χ^2/NDF : 579251.4/4

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: -2821.565+/-3330.944 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

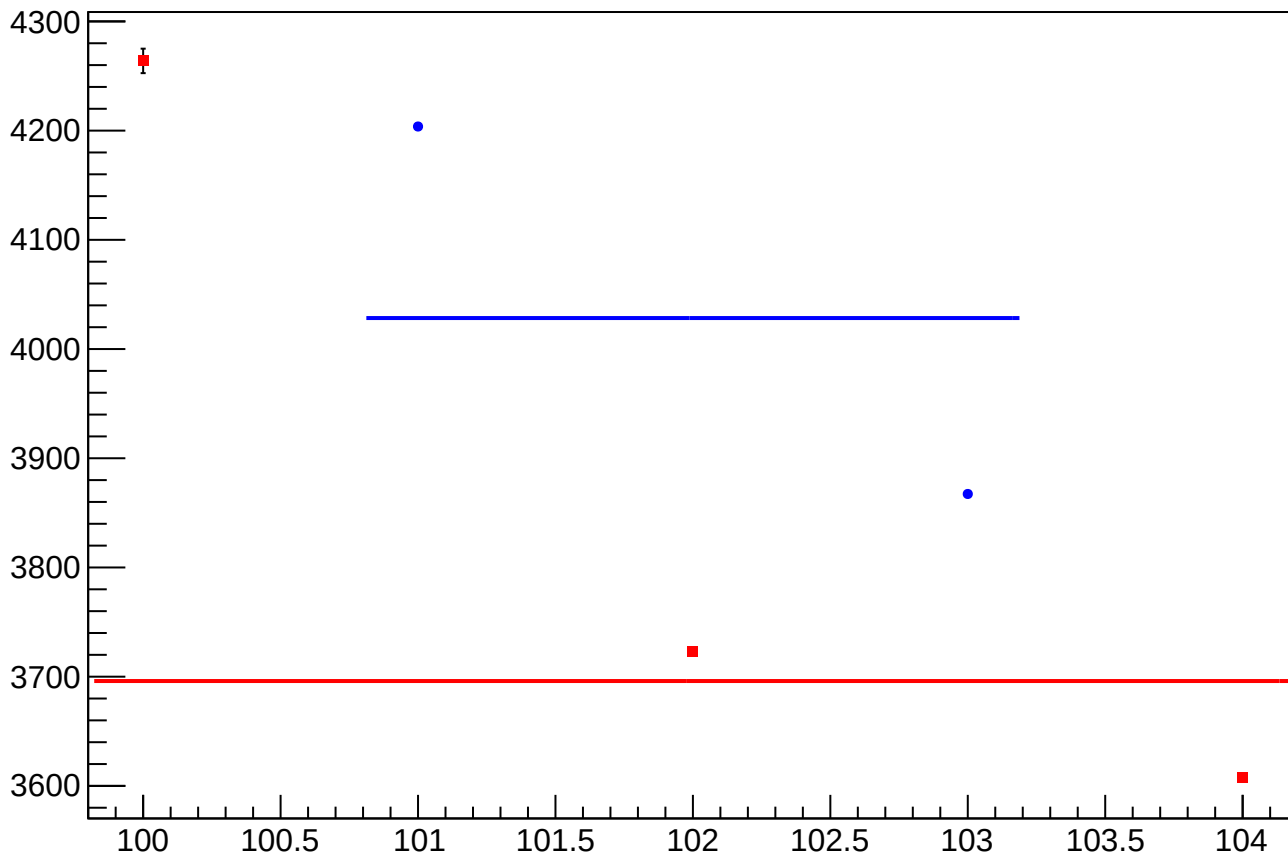
Right: -559.327+/-2443.471 χ^2/NDF : 3.6/4

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.327+/-2443.471 χ^2/NDF : 3.6/4

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3696.018+/-2.355 χ^2/NDF : 3259.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

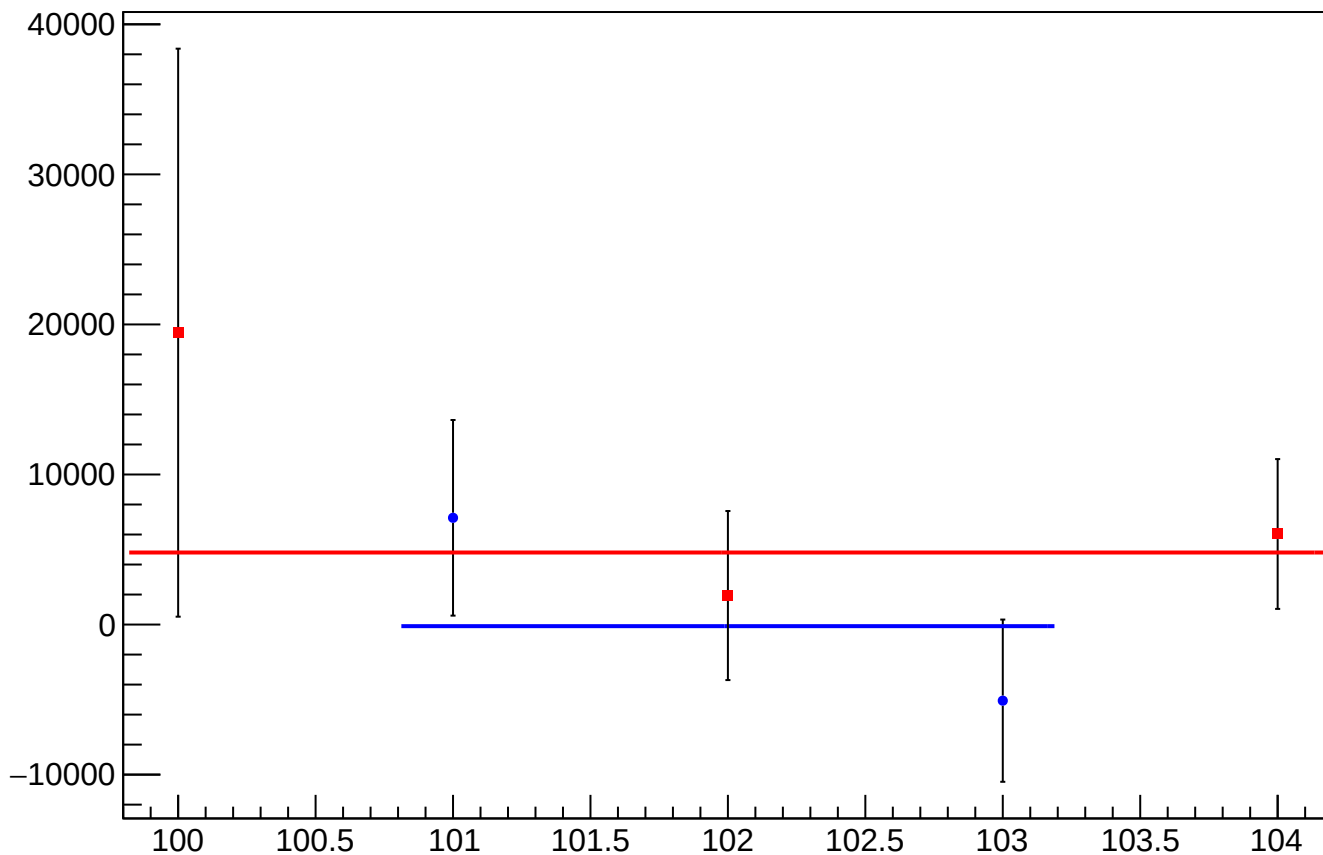
Right: 3849.531+/-1.728 χ^2/NDF : 16827.3/4

In: 4028.383+/-2.542 χ^2/NDF : 4370.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.531+/-1.728 χ^2/NDF : 16827.3/4

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: 4801.584+/-3665.195 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

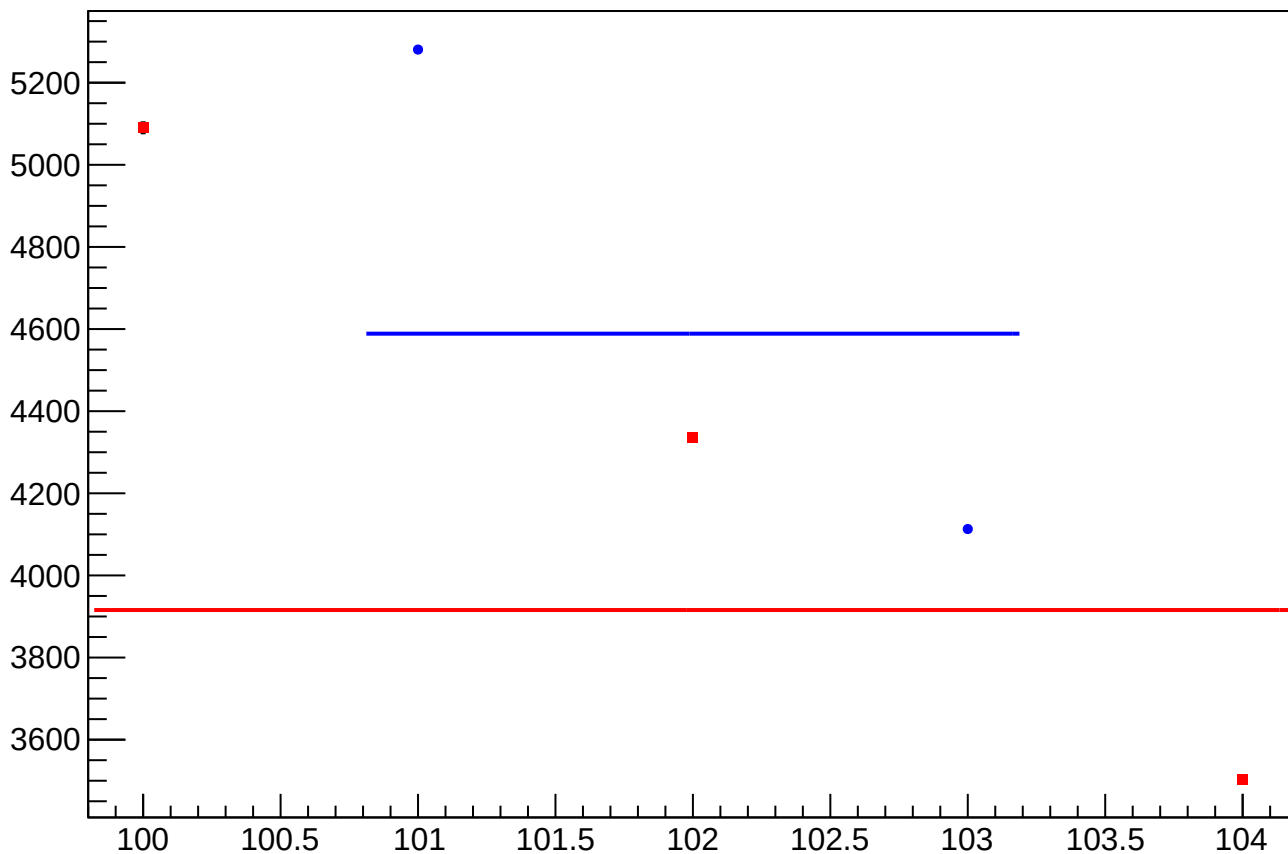
Right: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

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: 3915.717+/-2.592 χ^2/NDF : 32520.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

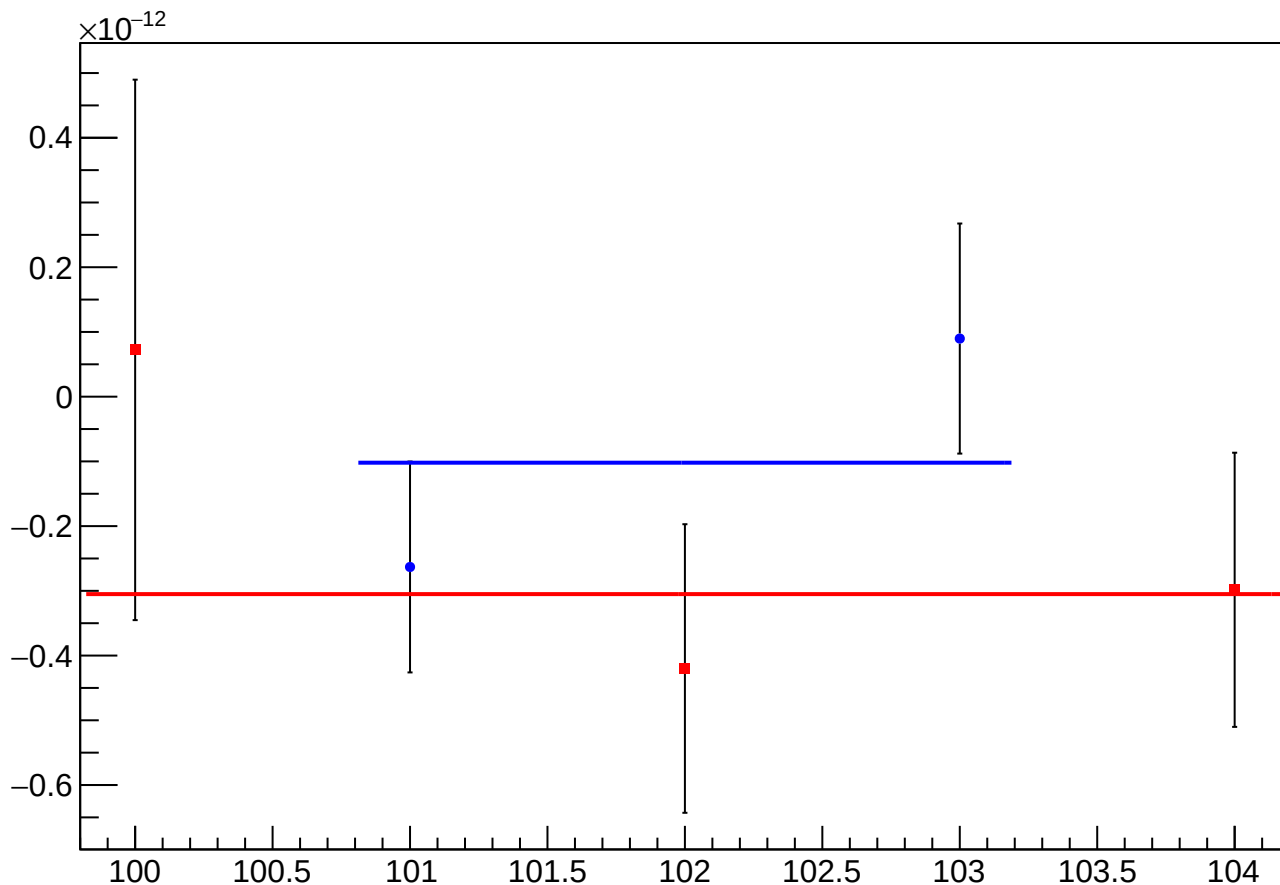
Right: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

asym_at1_avg_at2_avg_dd_reg_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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

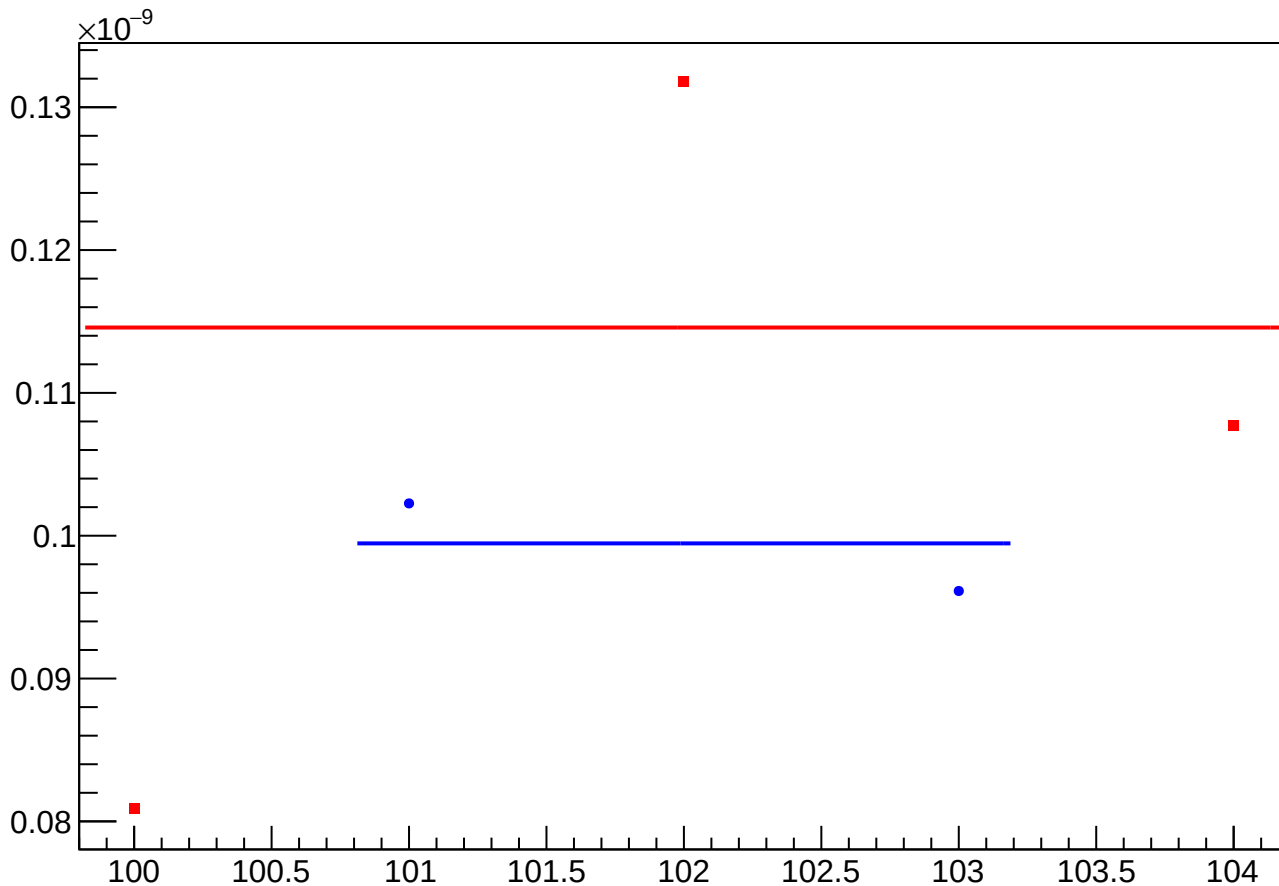
Right: -0.000+/-0.000 χ^2/NDF : 4.4/4

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 : 4.4/4

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 : 27007.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

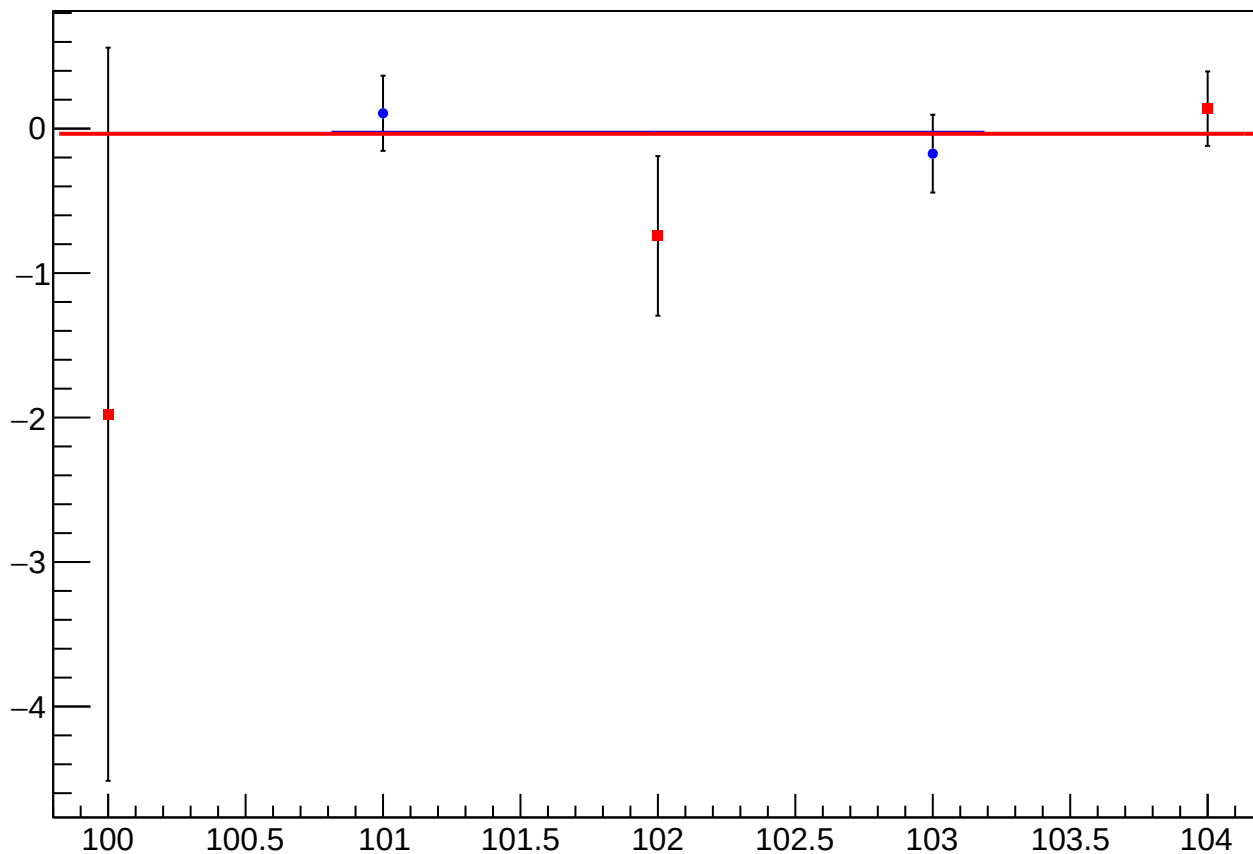
Right: 0.000+/-0.000 χ^2/NDF : 41284.9/4

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 : 41284.9/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

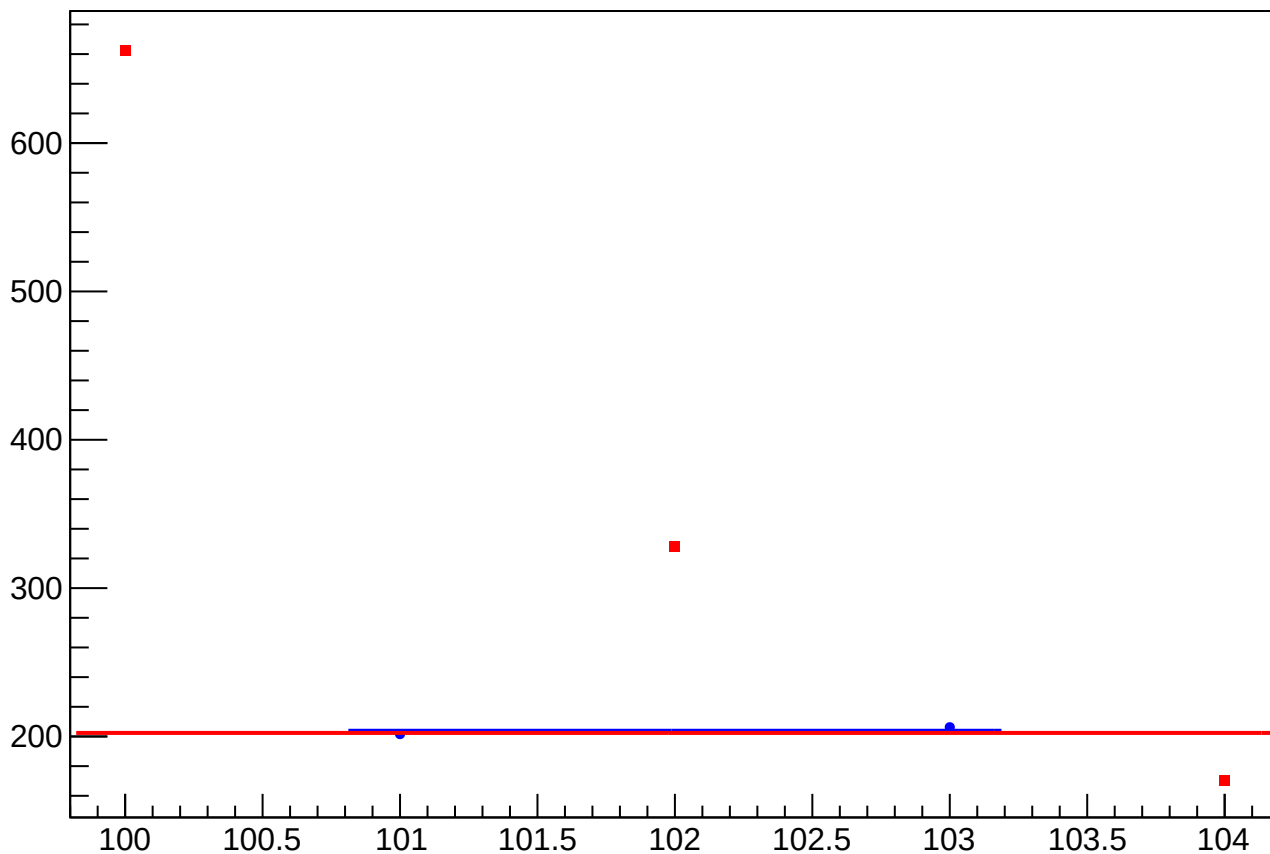
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

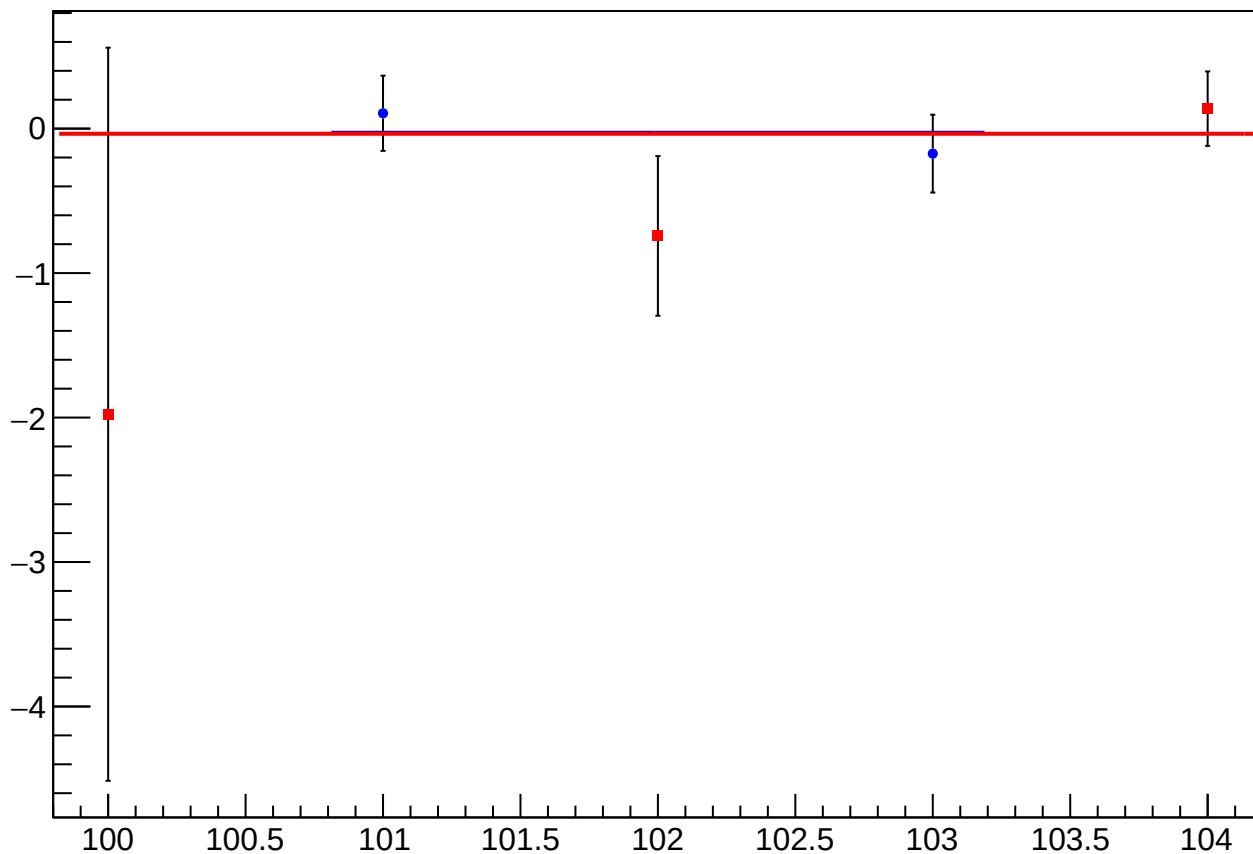
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

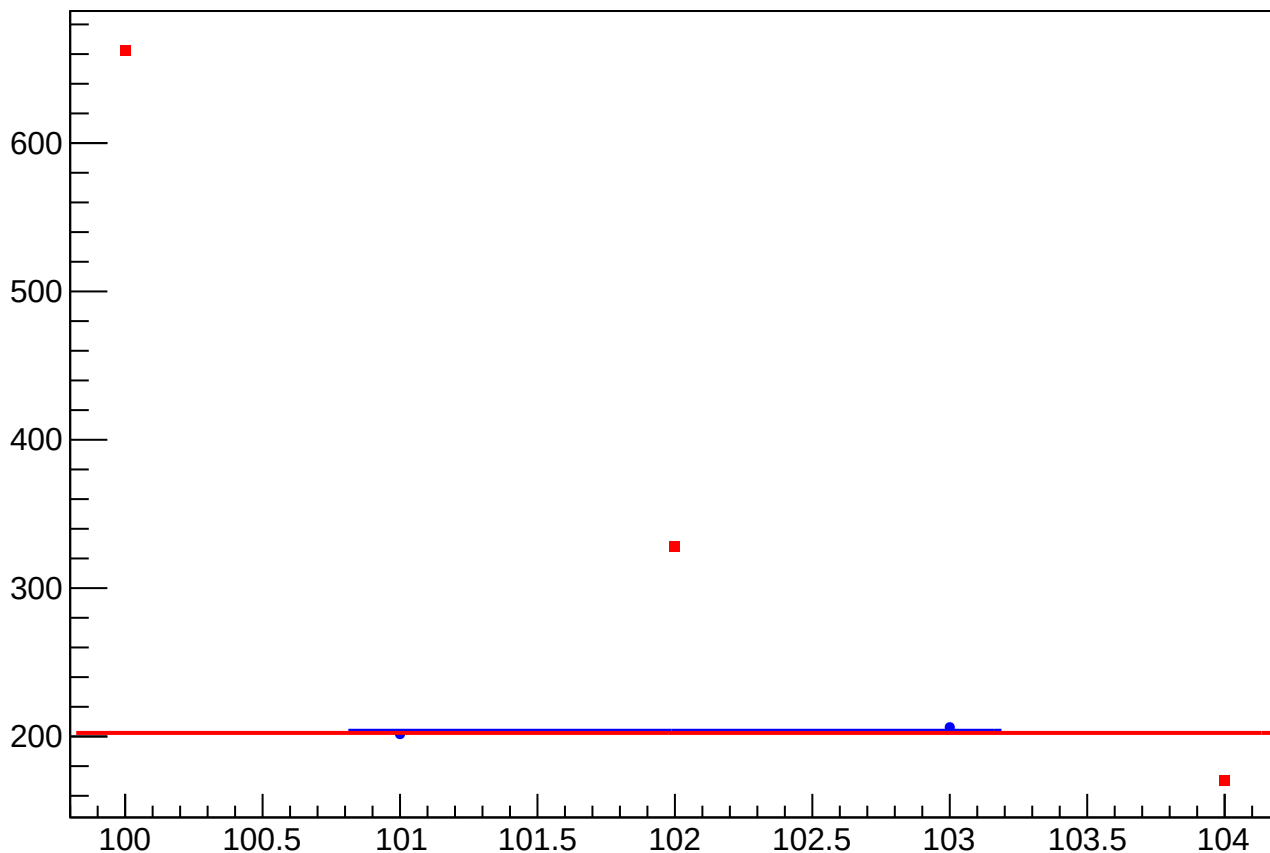
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_at1_avg_at2_avg_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: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

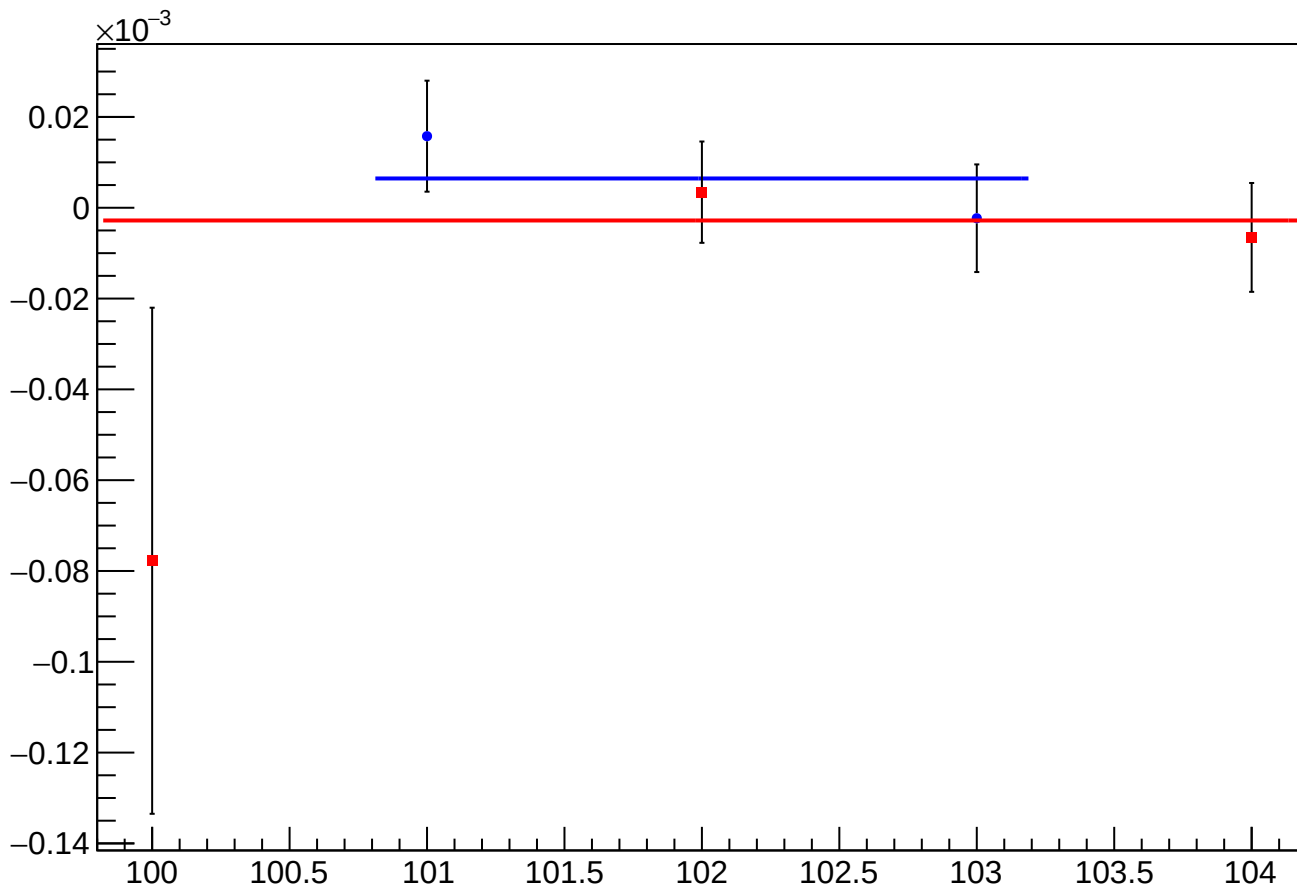
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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 : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

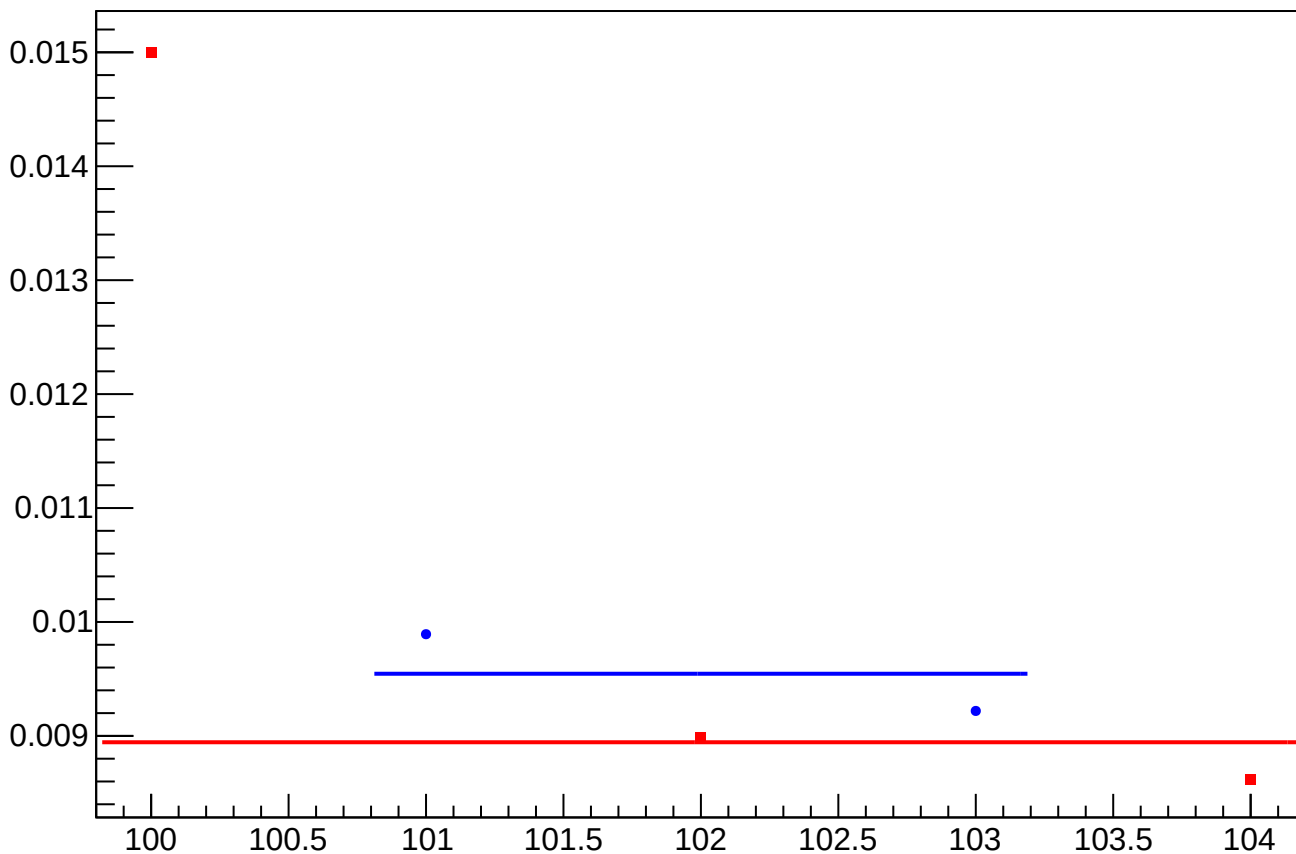
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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: 0.009+/-0.000 χ^2/NDF : 25165.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

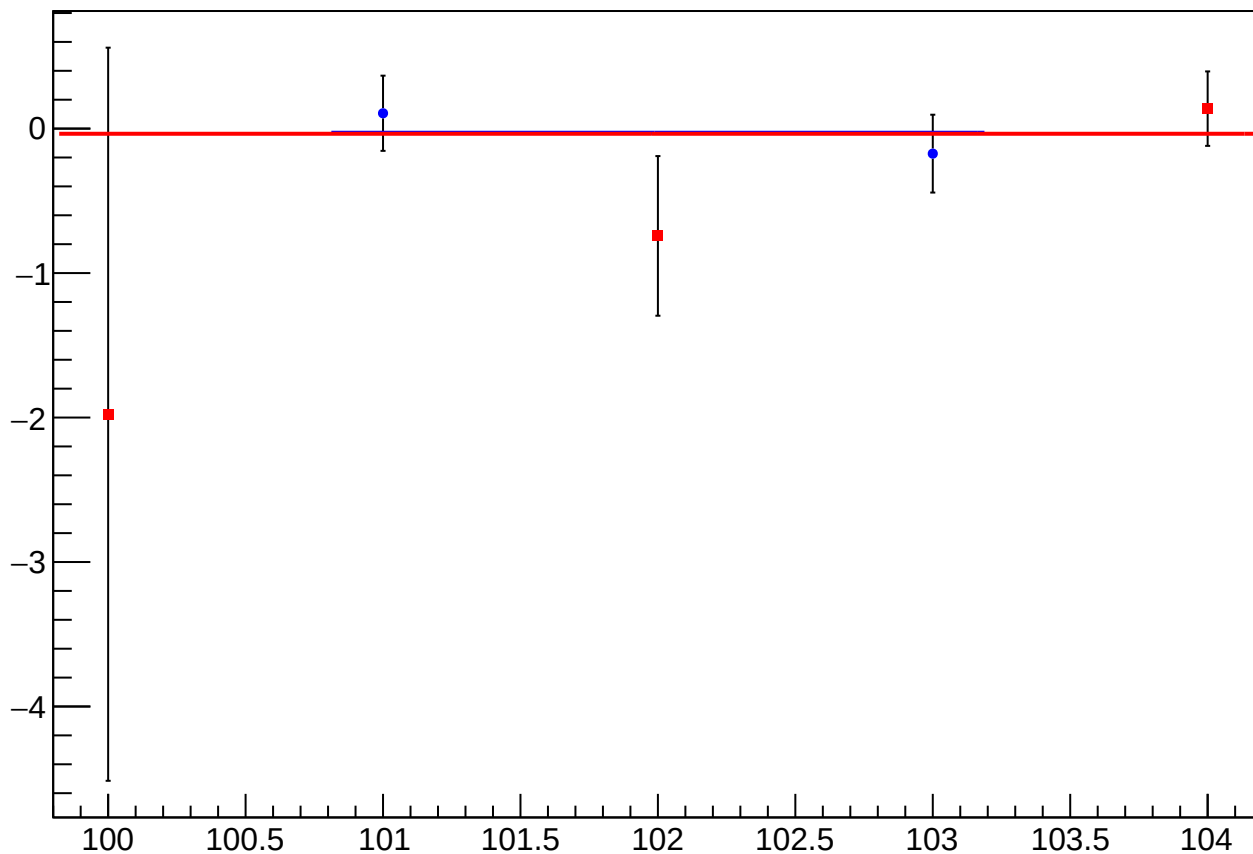
Right: 0.009+/-0.000 χ^2/NDF : 33543.7/4

In: 0.010+/-0.000 χ^2/NDF : 3128.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 33543.7/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

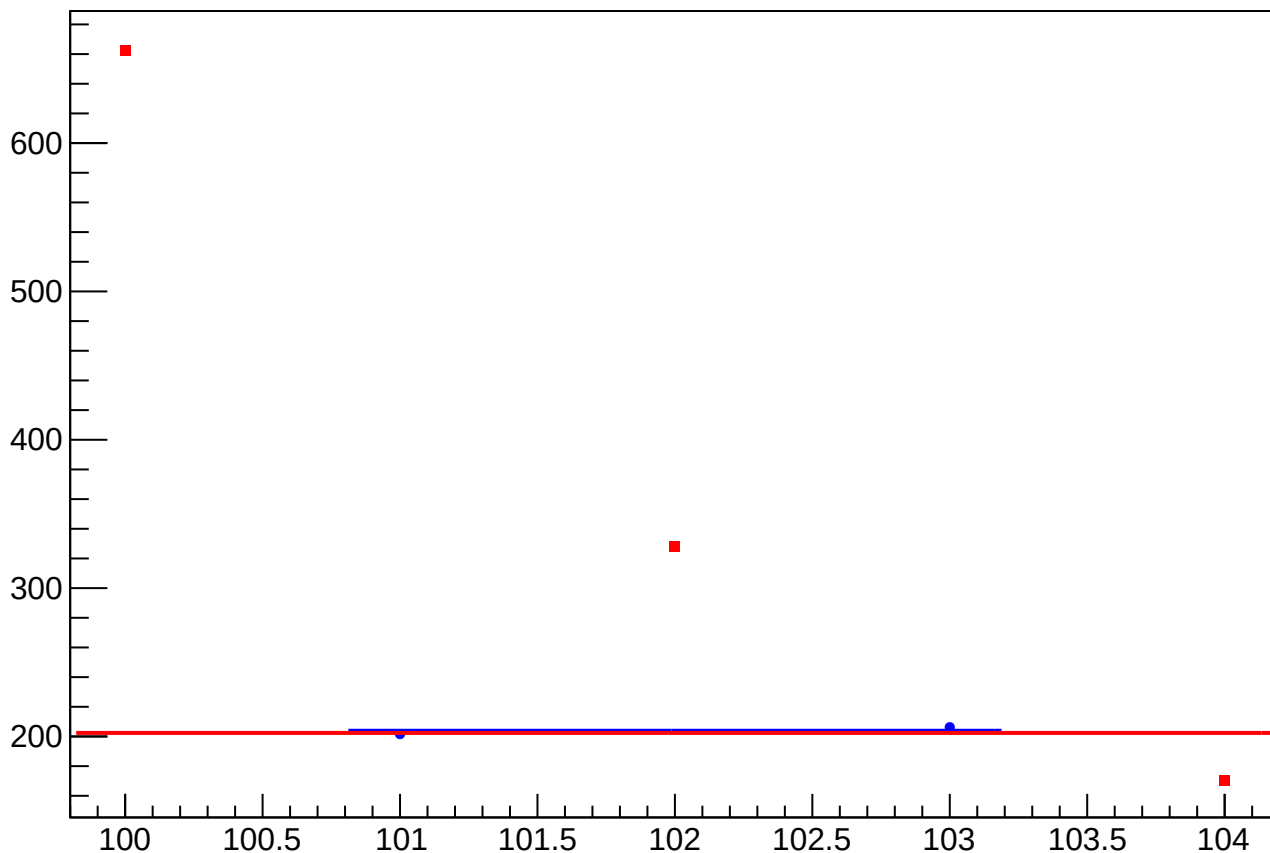
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_at1_avg_at2_avg_dd_eigen_dit_vs_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: 202.388+/-0.164 χ^2/NDF : 200254.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

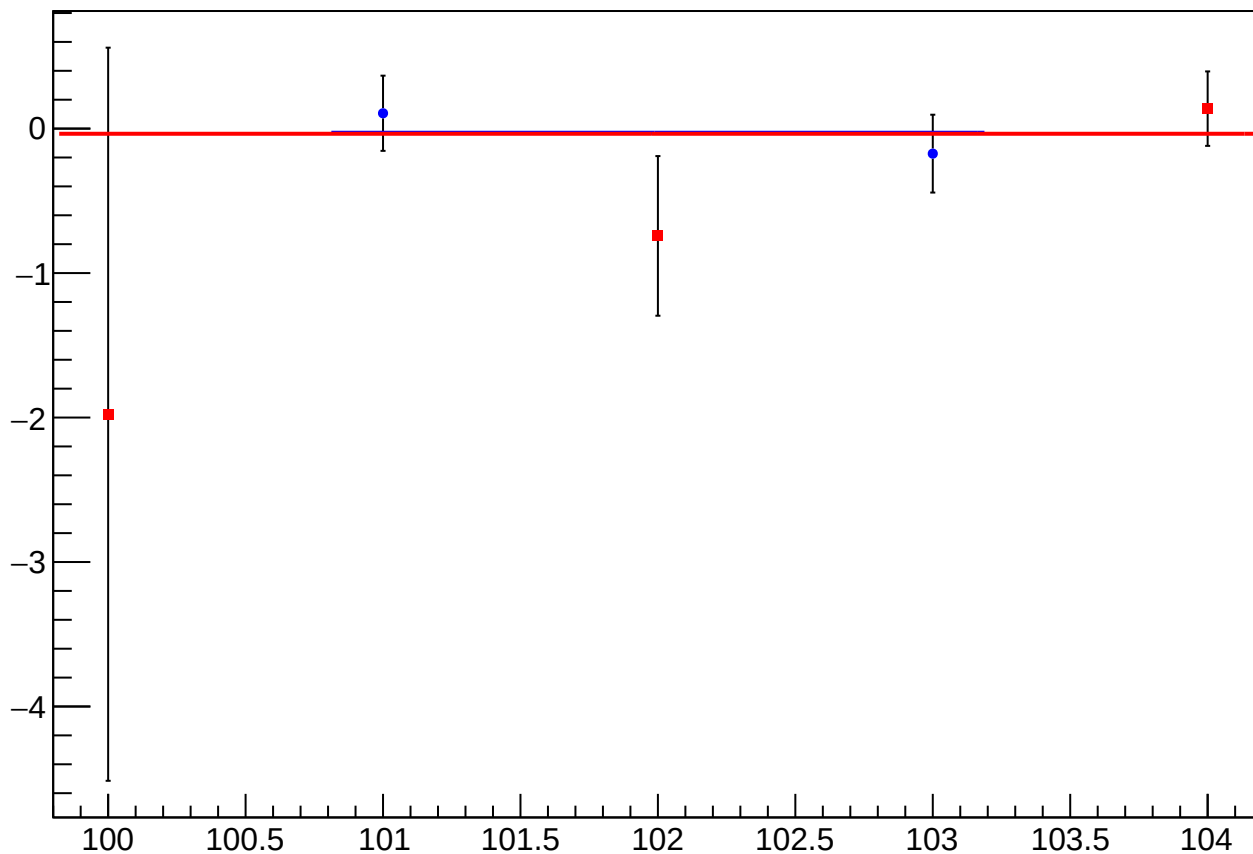
Right: 203.270+/-0.103 χ^2/NDF : 200610.6/4

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.270+/-0.103 χ^2/NDF : 200610.6/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

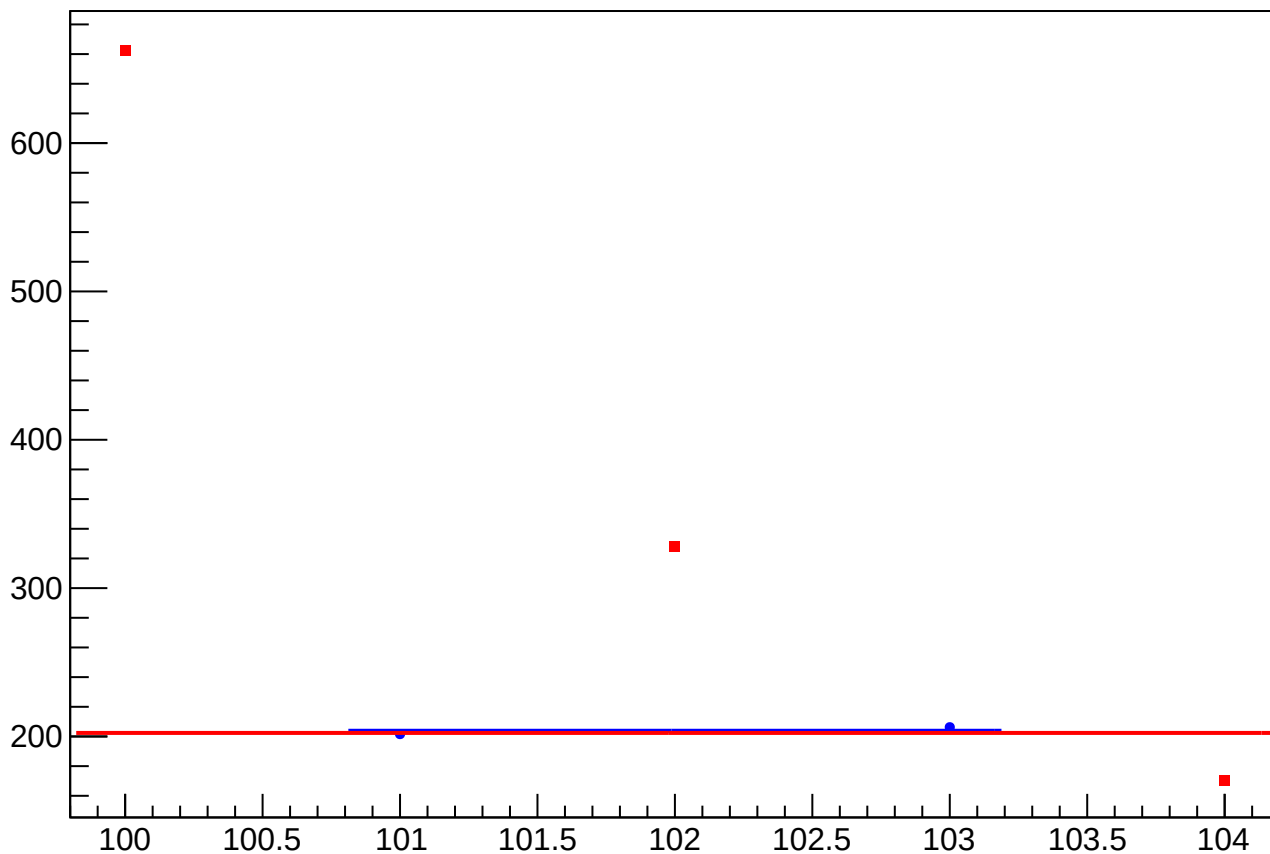
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.388+/-0.164 χ^2/NDF : 200254.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

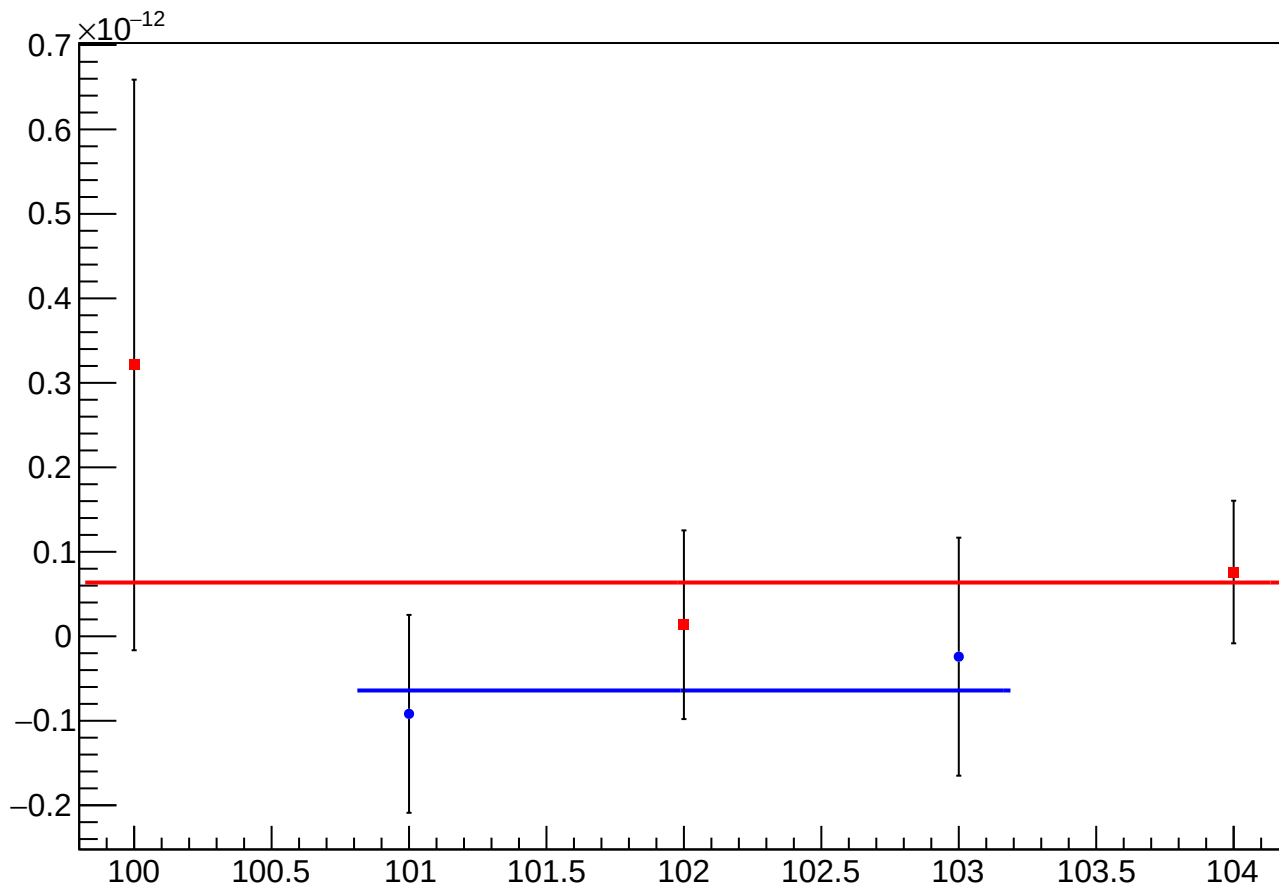
Right: 203.270+/-0.103 χ^2/NDF : 200610.6/4

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.270+/-0.103 χ^2/NDF : 200610.6/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

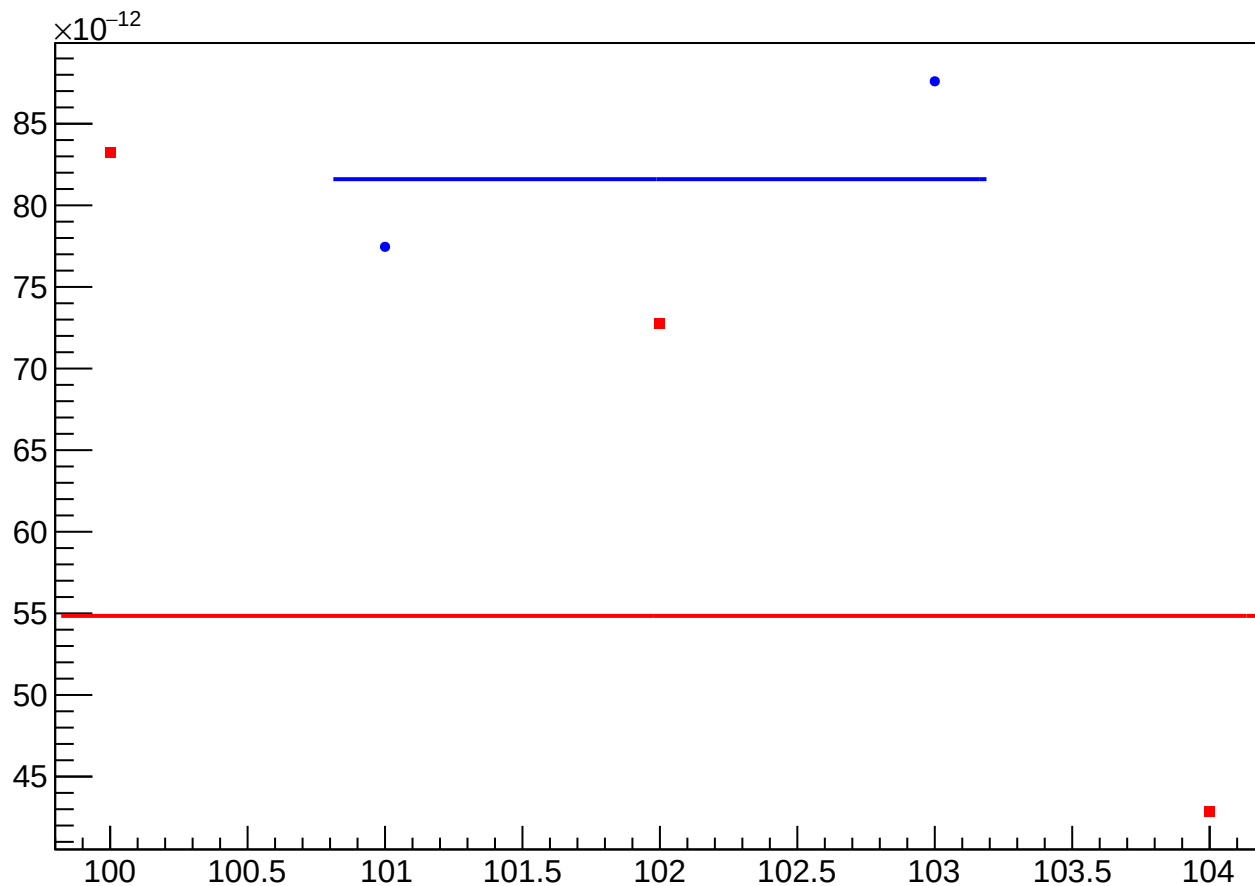
Right: 0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 2.2/4

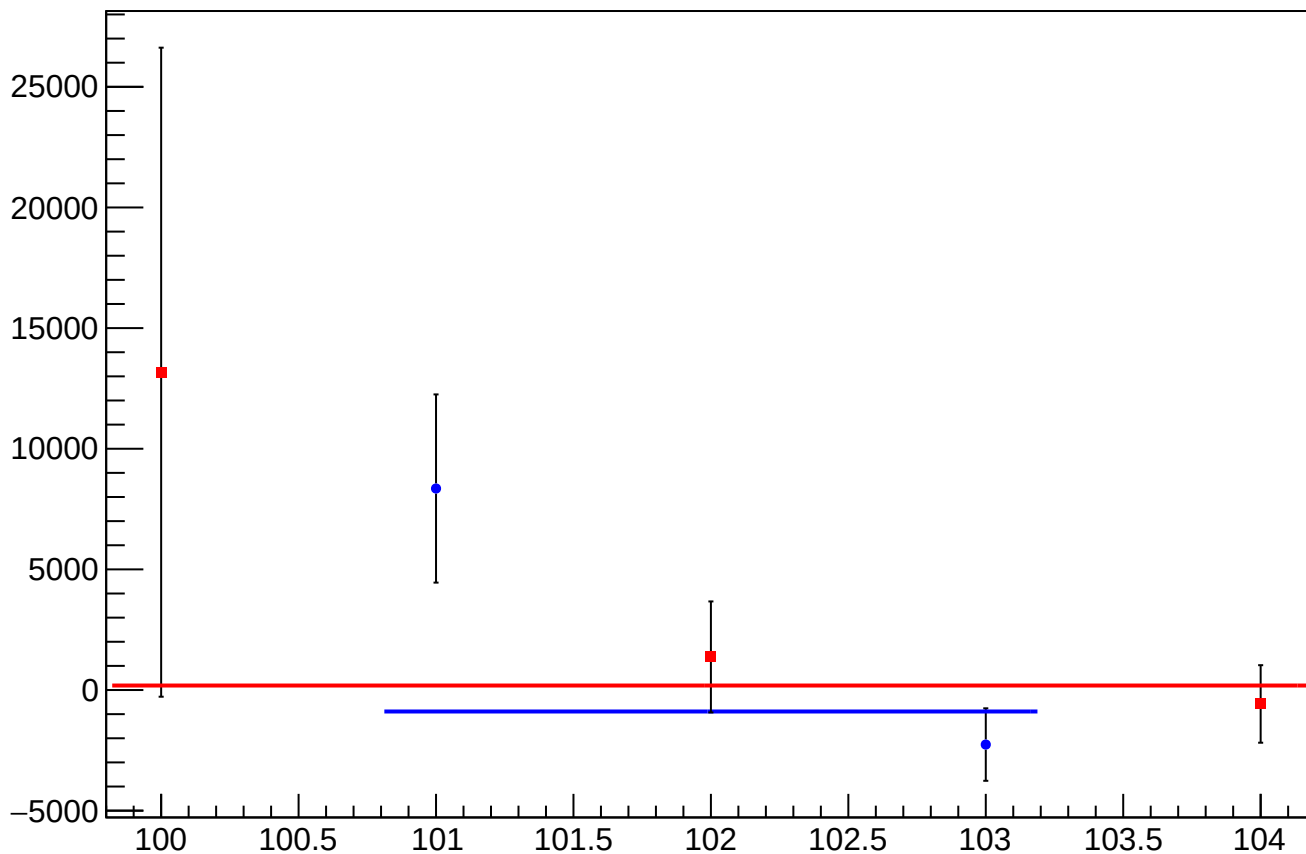
asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 106123.5/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 227082.9/4
 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 : 227082.9/4

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: 186.441+/-1310.841 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

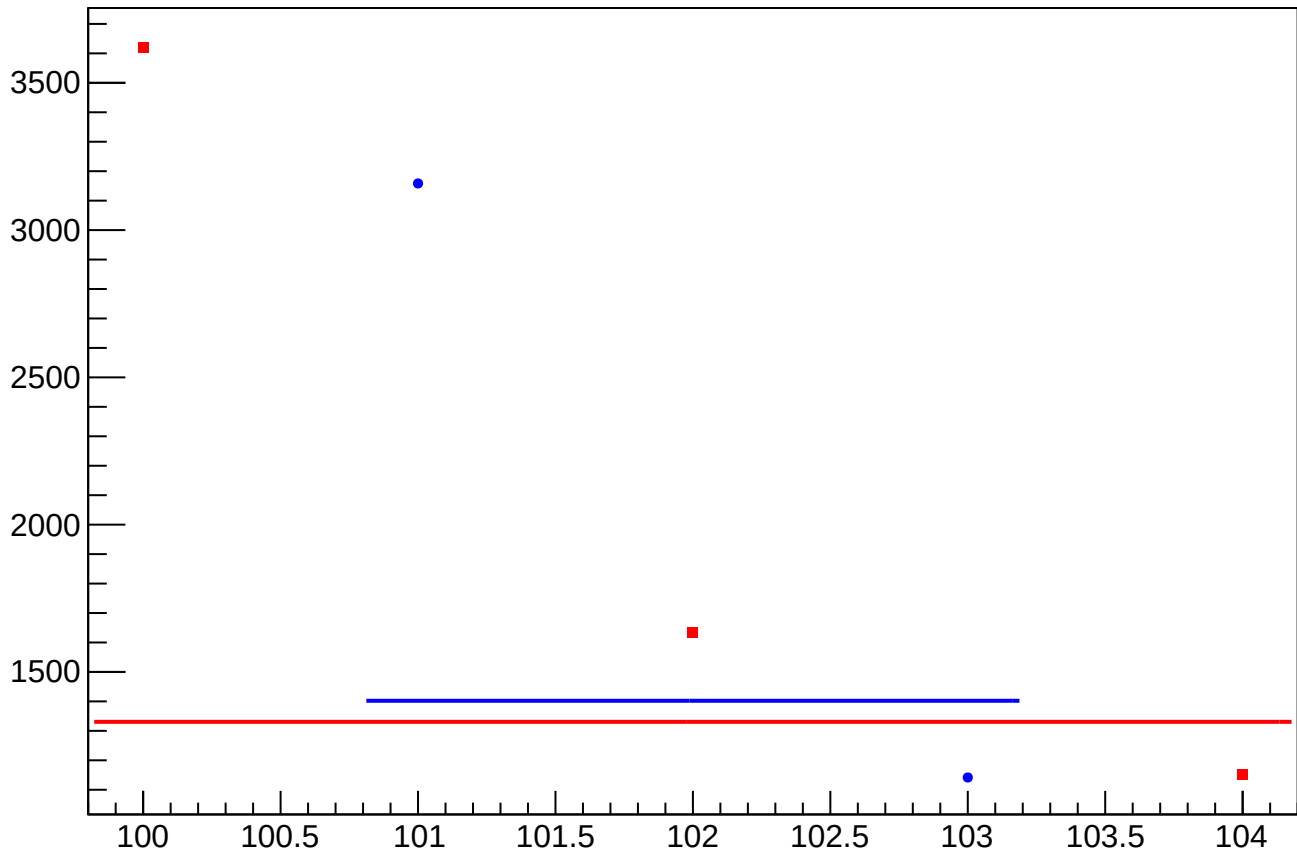
Right: -315.664+/-957.394 χ^2/NDF : 8.2/4

In: -889.732+/-1401.633 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -315.664+/-957.394 χ^2/NDF : 8.2/4

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: 1330.587+/-0.927 χ^2 /NDF: 117877.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

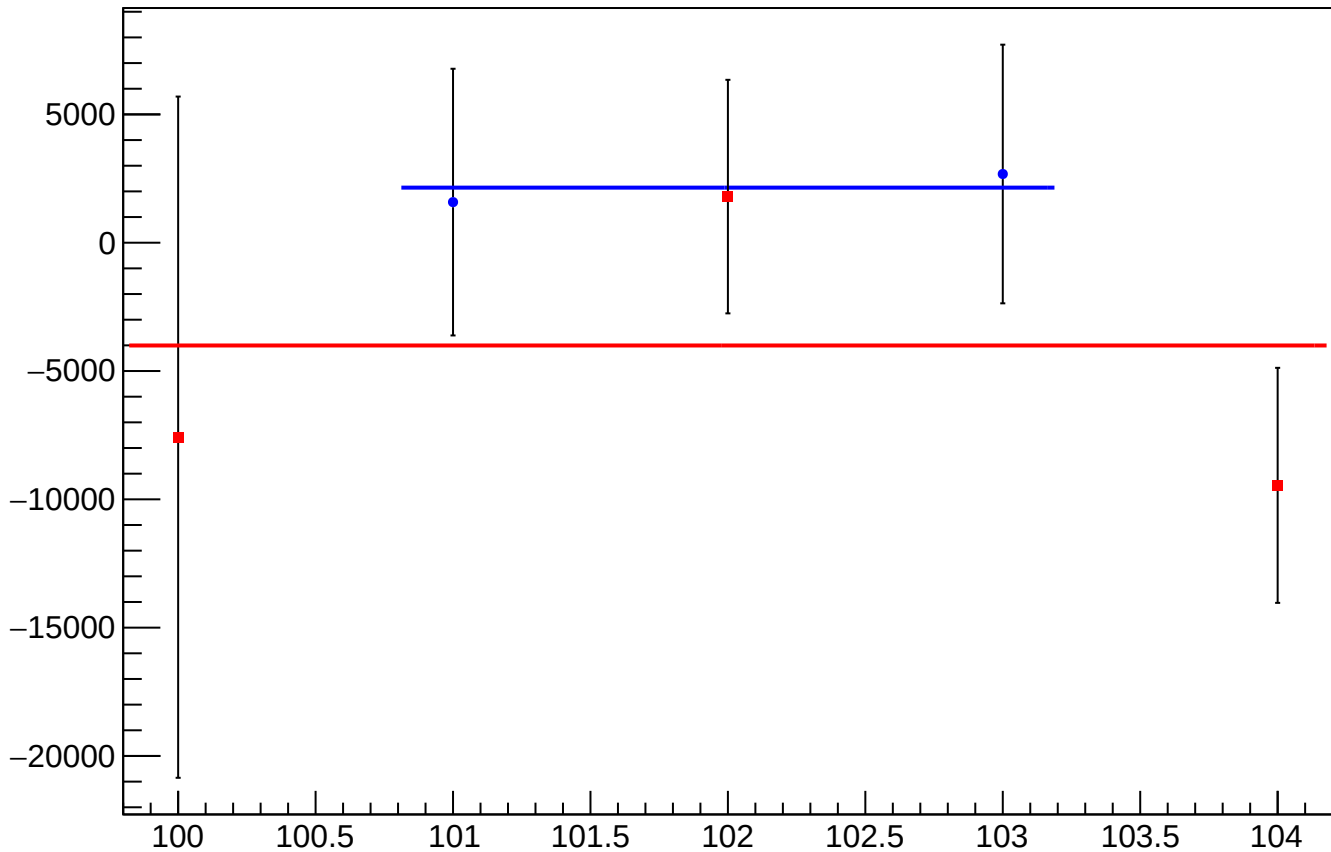
Right: 1363.966+/-0.677 χ^2 /NDF: 586376.7/4

In: 1402.128+/-0.991 χ^2 /NDF:465720.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1363.966+/-0.677 χ^2 /NDF: 586376.7/4

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2146.539 $\pm$ 3617.614 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4004.726 $\pm$ 3136.348 χ^2 /NDF: 3.1/2

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

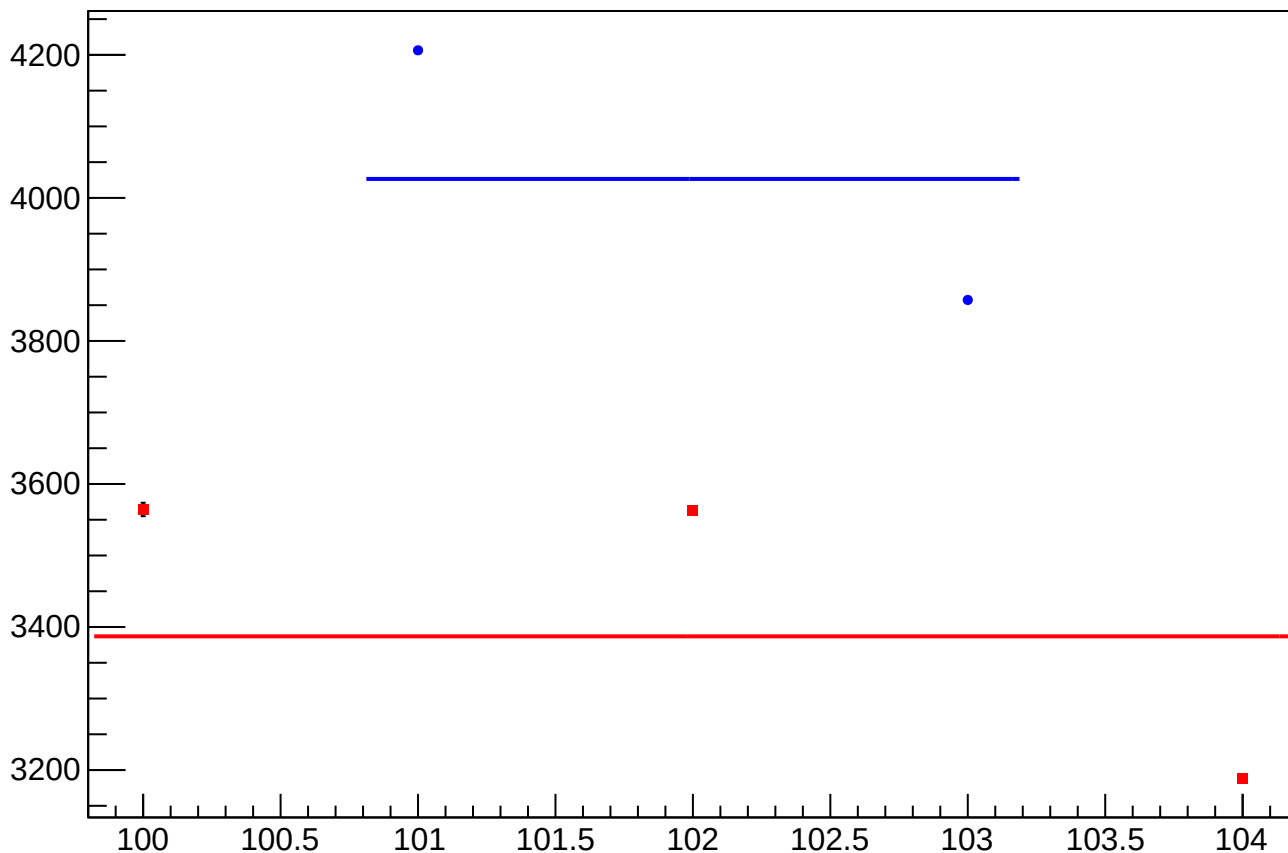
Right: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

In: 2146.539 $\pm$ 3617.614 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1365.198 $\pm$ 2369.753 χ^2 /NDF: 4.8/4

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 4026.541 $\pm$ 2.558 χ^2 /NDF: 4651.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3386.948 $\pm$ 2.218 χ^2 /NDF: 7095.5/2

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

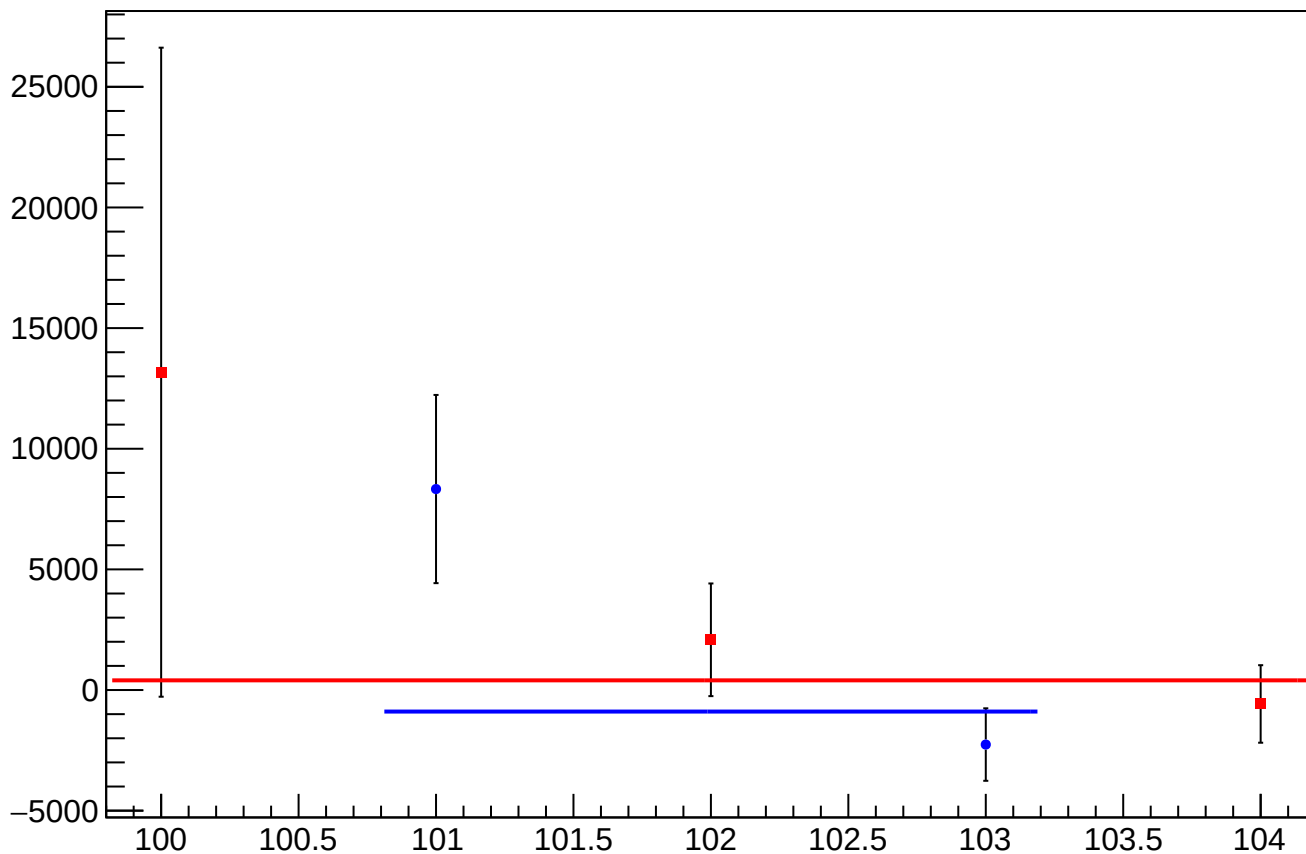
Right: 3661.399 $\pm$ 1.676 χ^2 /NDF: 47437.1/4

In: 4026.541 $\pm$ 2.558 χ^2 /NDF:4651.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3661.399 $\pm$ 1.676 χ^2 /NDF: 47437.1/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

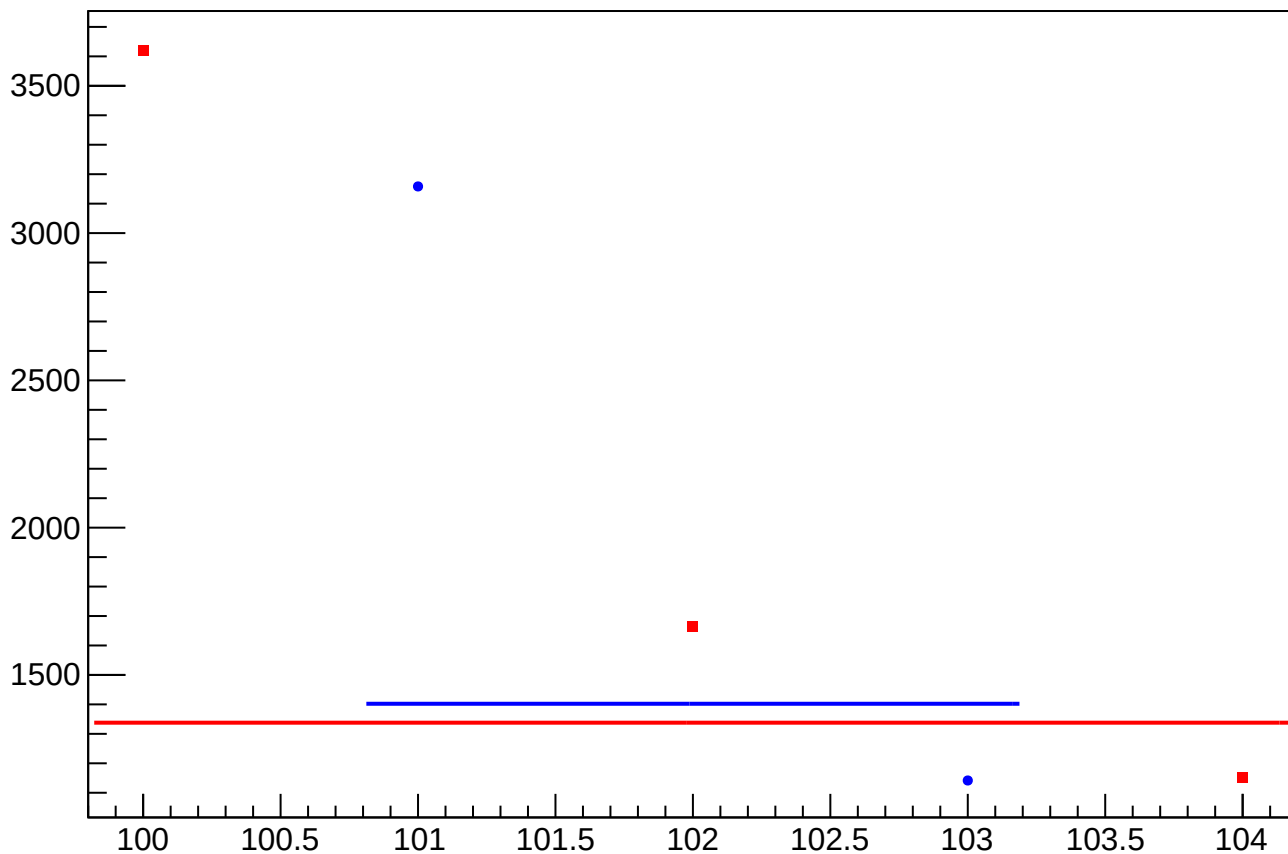
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

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: 1337.882+/-0.931 χ^2 /NDF: 124311.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

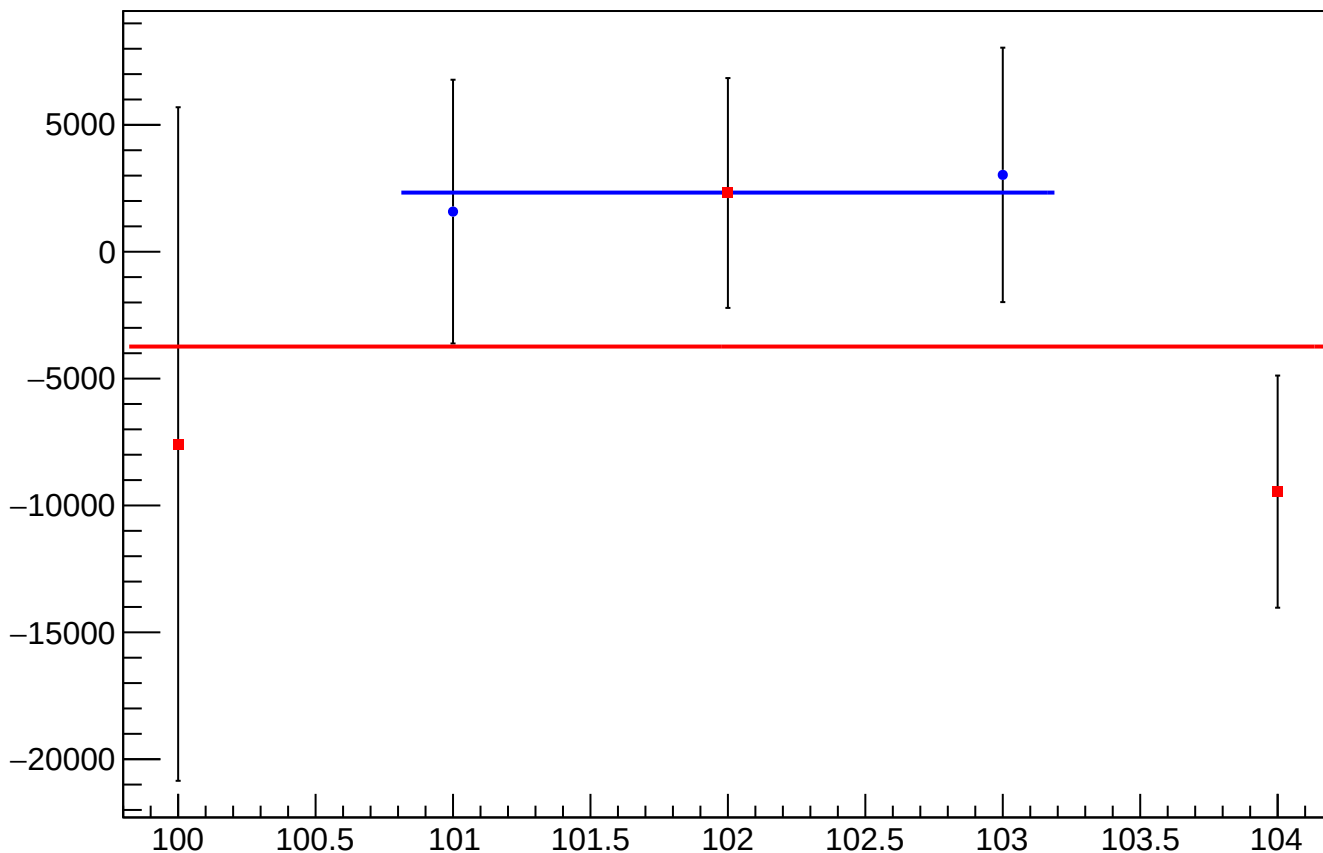
Right: 1368.010+/-0.679 χ^2 /NDF: 592264.9/4

In: 1402.126+/-0.991 χ^2 /NDF:465721.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1368.010+/-0.679 χ^2 /NDF: 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

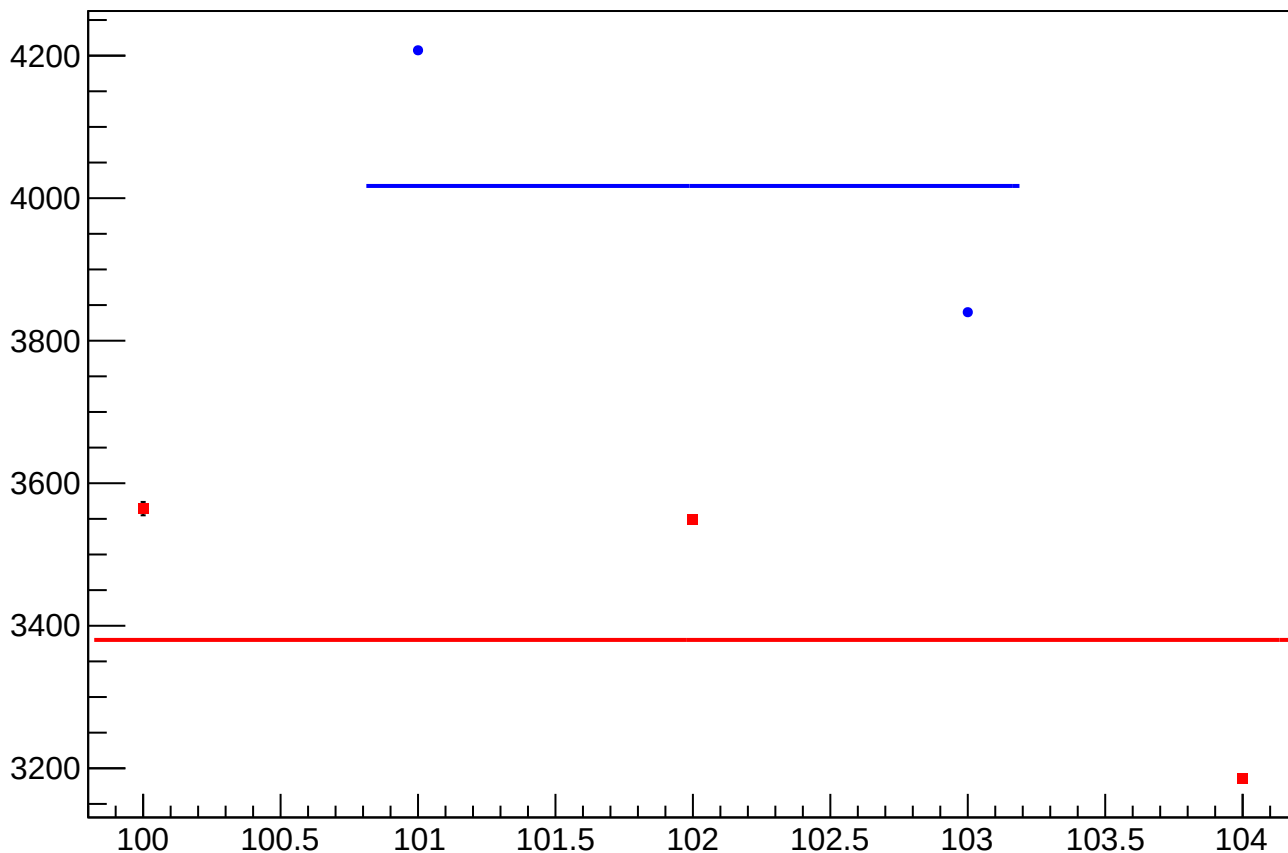
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

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: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

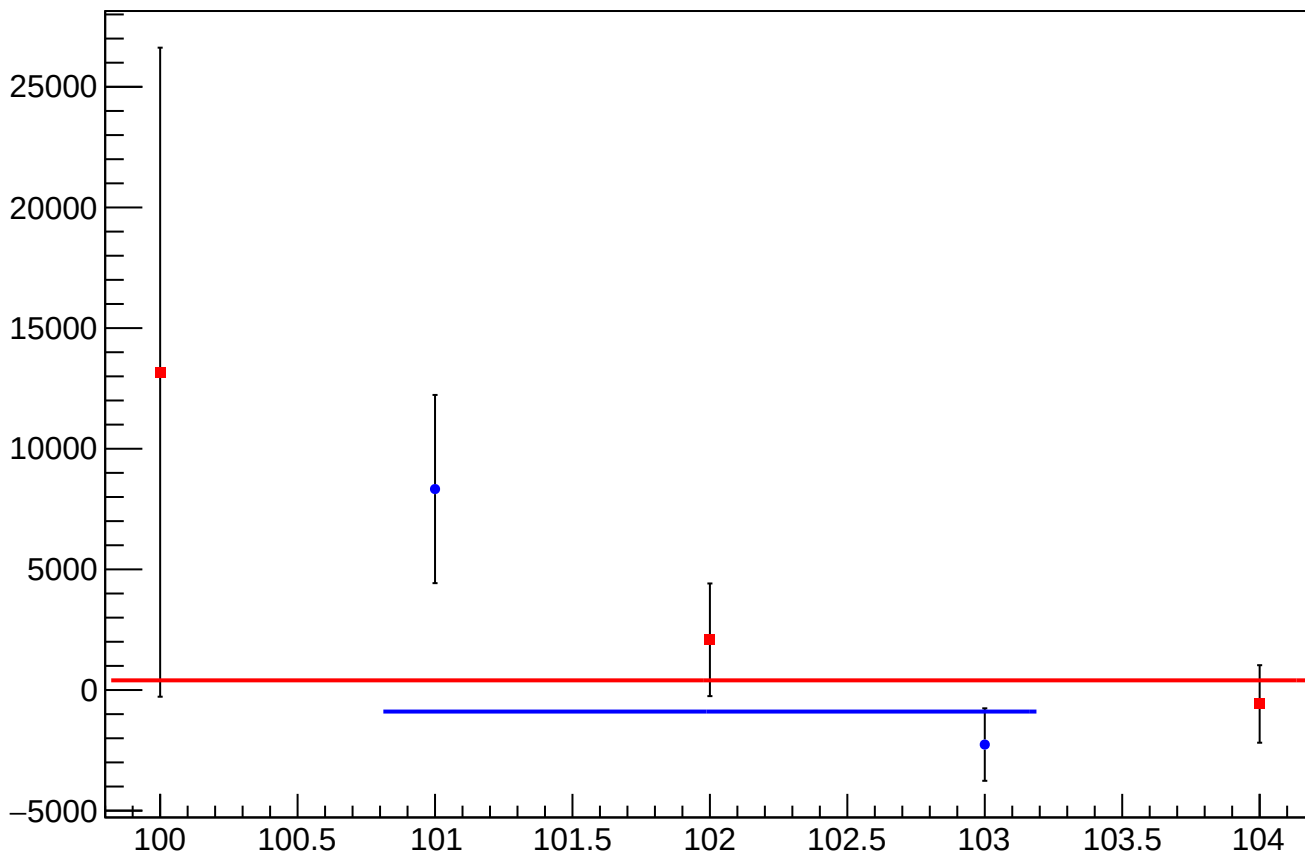
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 400.818+/-1317.163 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

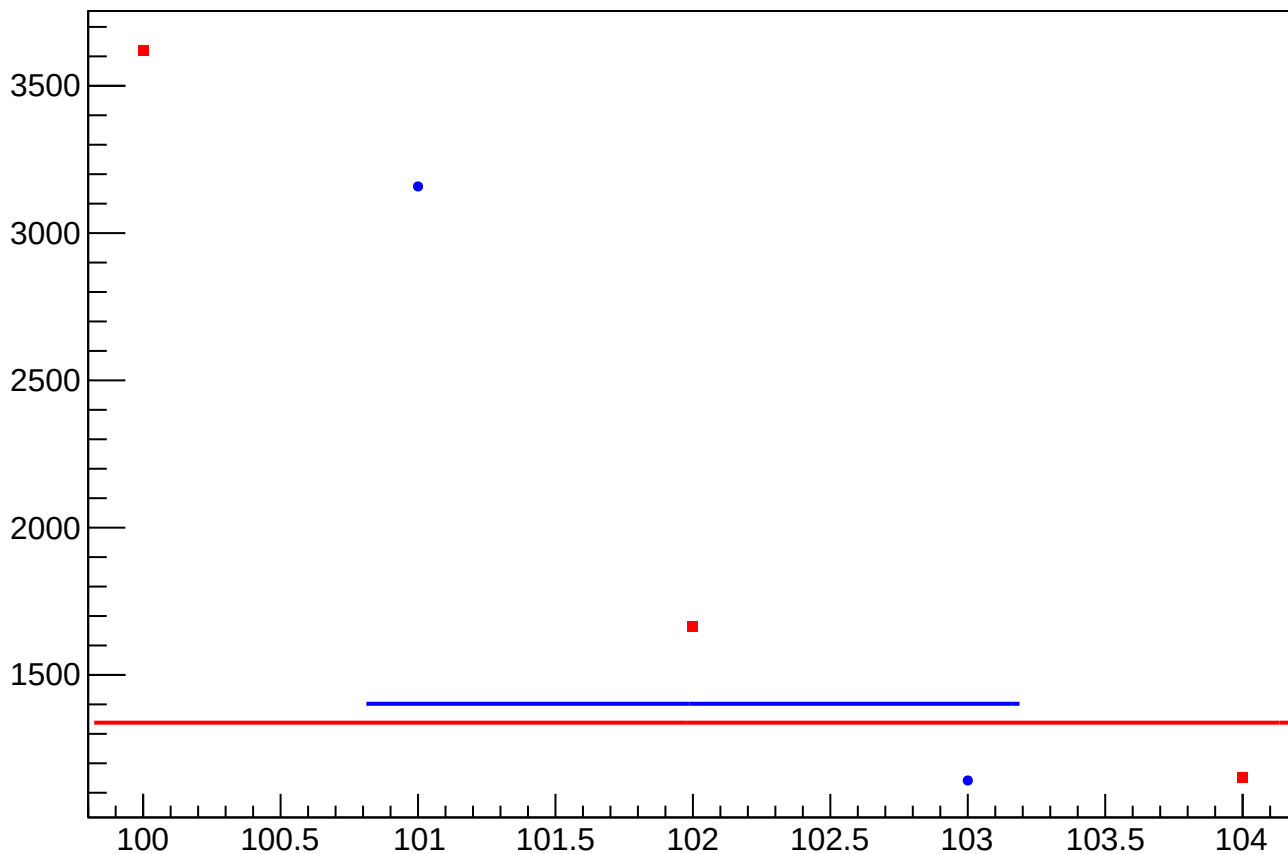
Right: -205.739+/-959.849 χ^2/NDF : 8.7/4

In: -892.590+/-1401.635 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.739+/-959.849 χ^2/NDF : 8.7/4

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.882+/-0.931 χ^2/NDF : 124311.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

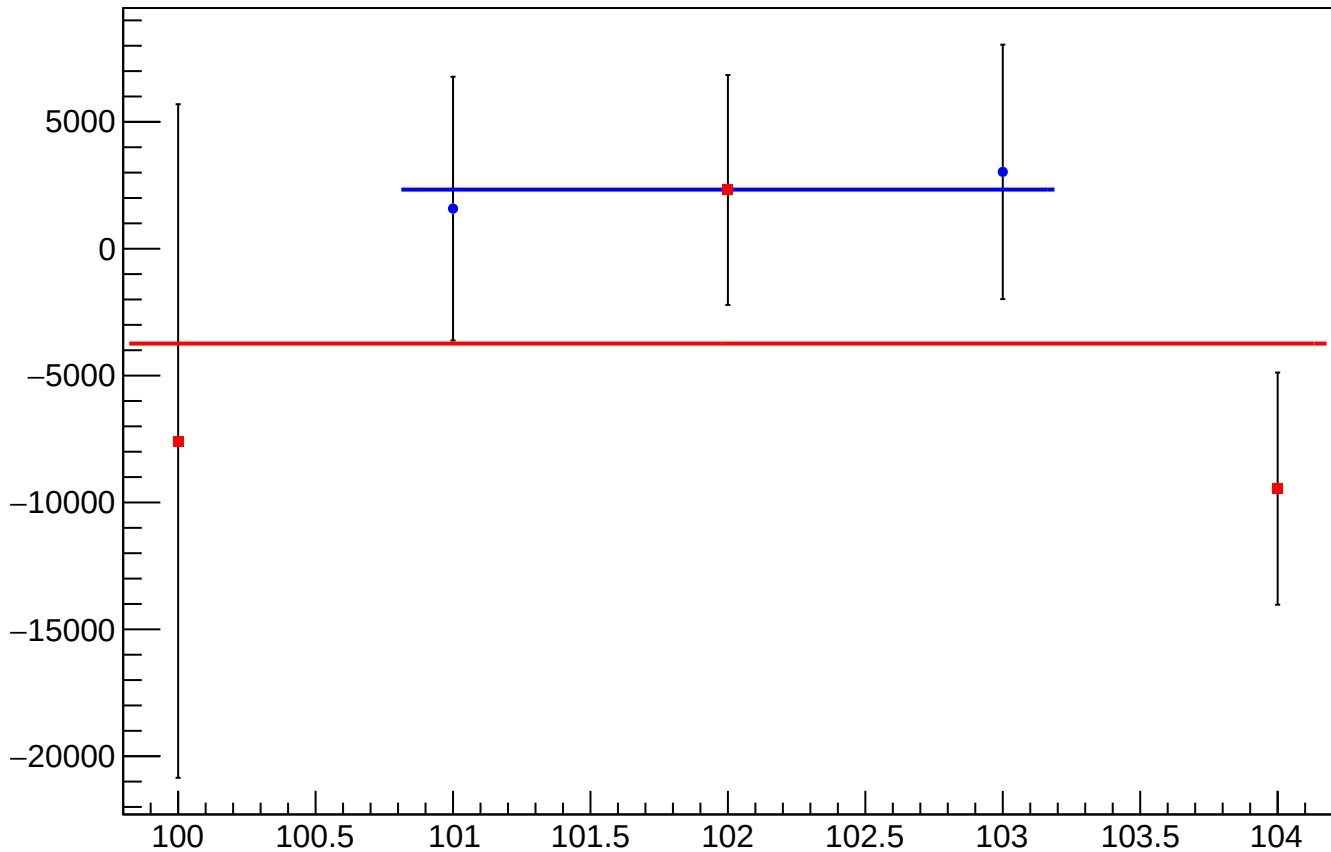
Right: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

In: 1402.126+/-0.991 χ^2/NDF : 465721.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.010+/-0.679 χ^2/NDF : 592264.9/4

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: -3736.929+/-3127.924 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

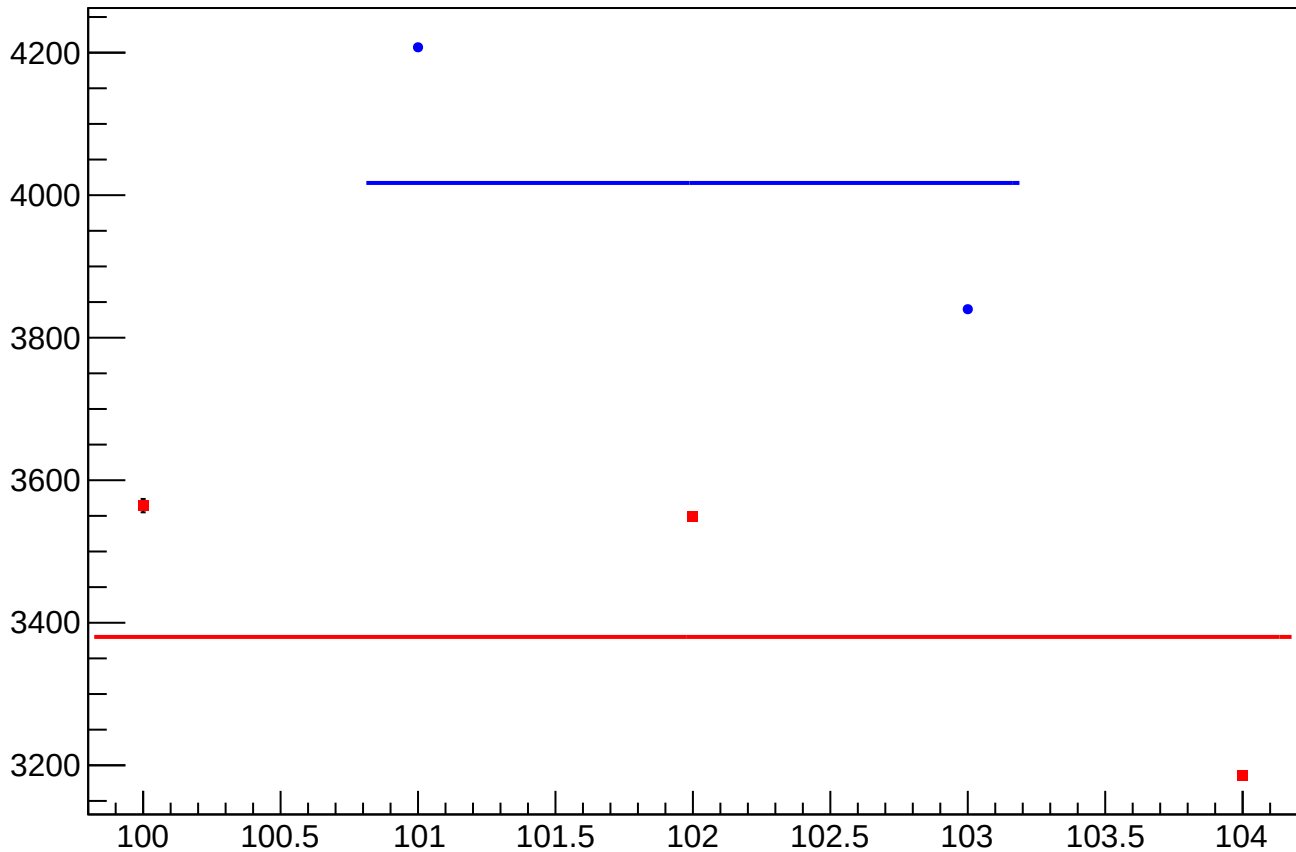
Right: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

In: 2331.028+/-3608.418 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1133.579+/-2363.535 χ^2/NDF : 5.1/4

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: 3380.137+/-2.212 χ^2/NDF : 6788.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

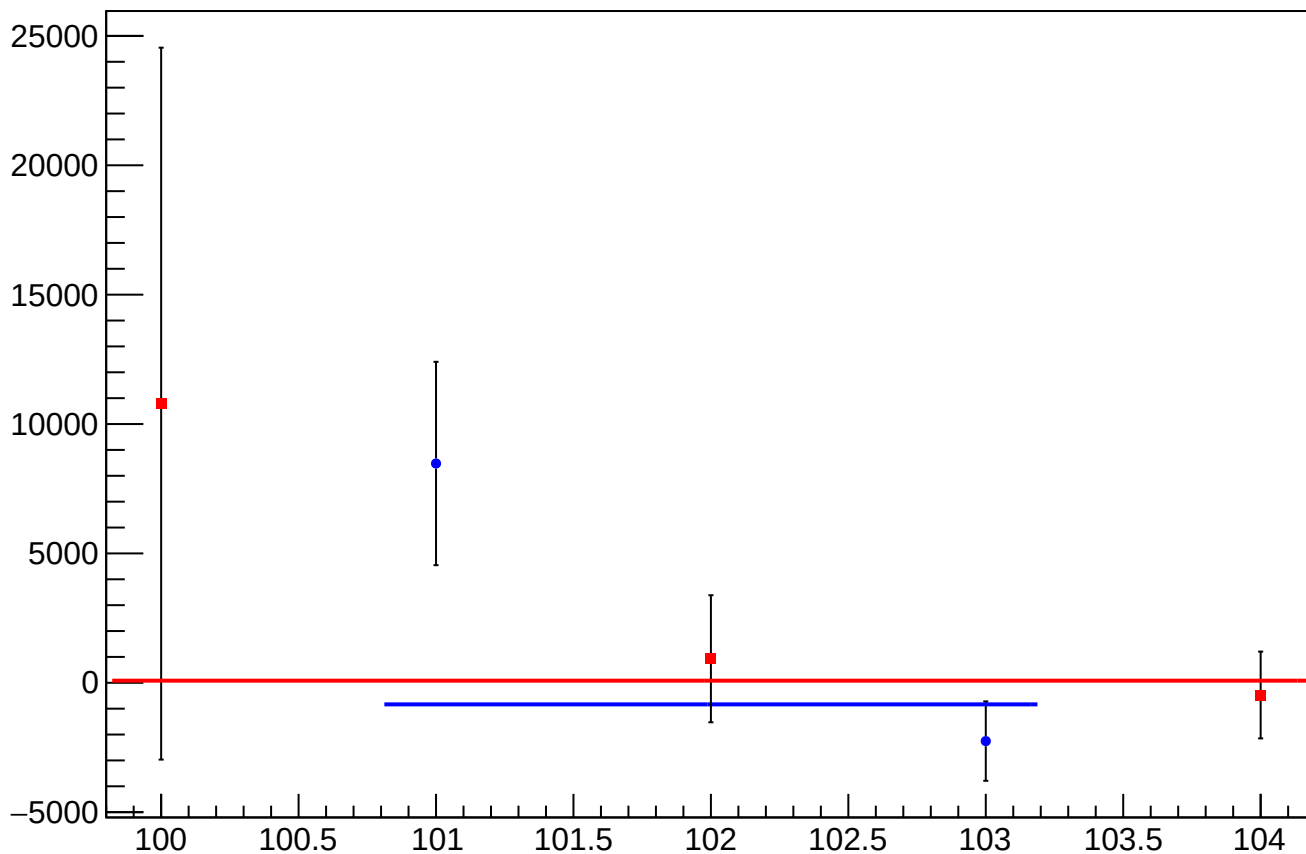
Right: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

In: 4017.164+/-2.552 χ^2/NDF : 5180.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3653.443+/-1.671 χ^2/NDF : 47558.5/4

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: 82.290+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

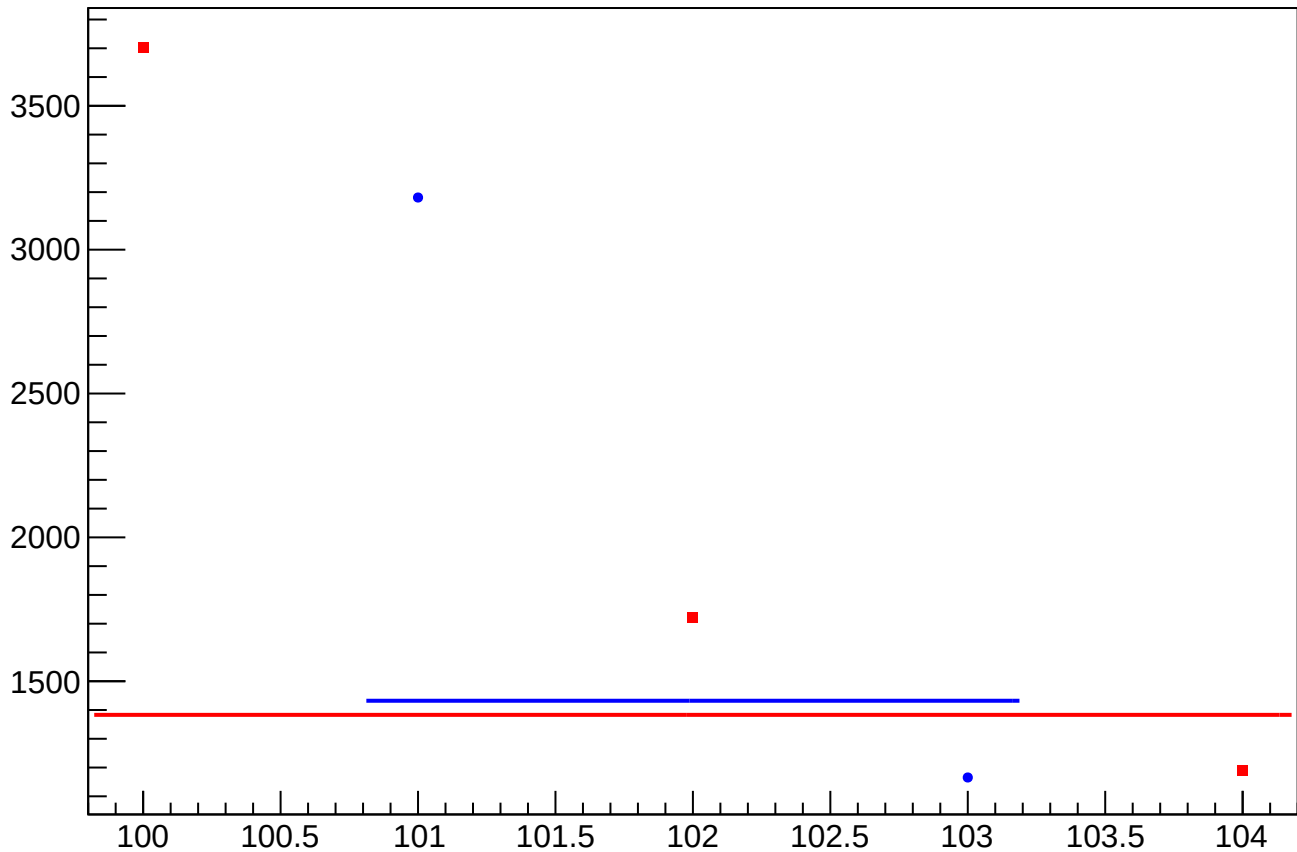
Right: -359.064+/-992.039 χ^2/NDF : 7.5/4

In: -833.774+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.064+/-992.039 χ^2/NDF : 7.5/4

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: 1383.116+/-0.974 χ^2/NDF : 121247.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

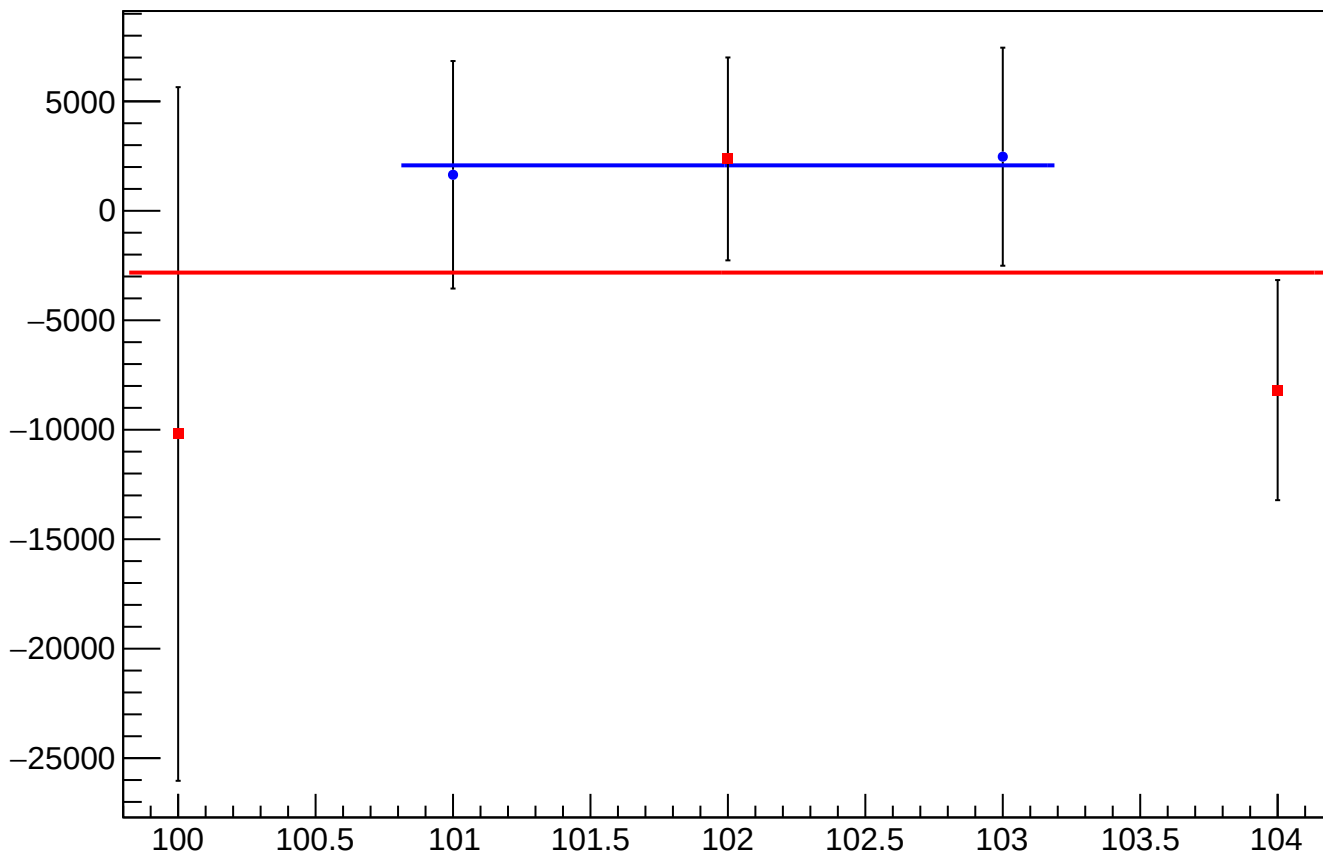
Right: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

In: 1432.146+/-1.011 χ^2/NDF : 456784.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.738+/-0.701 χ^2/NDF : 579251.2/4

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: -2821.560+/-3330.942 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

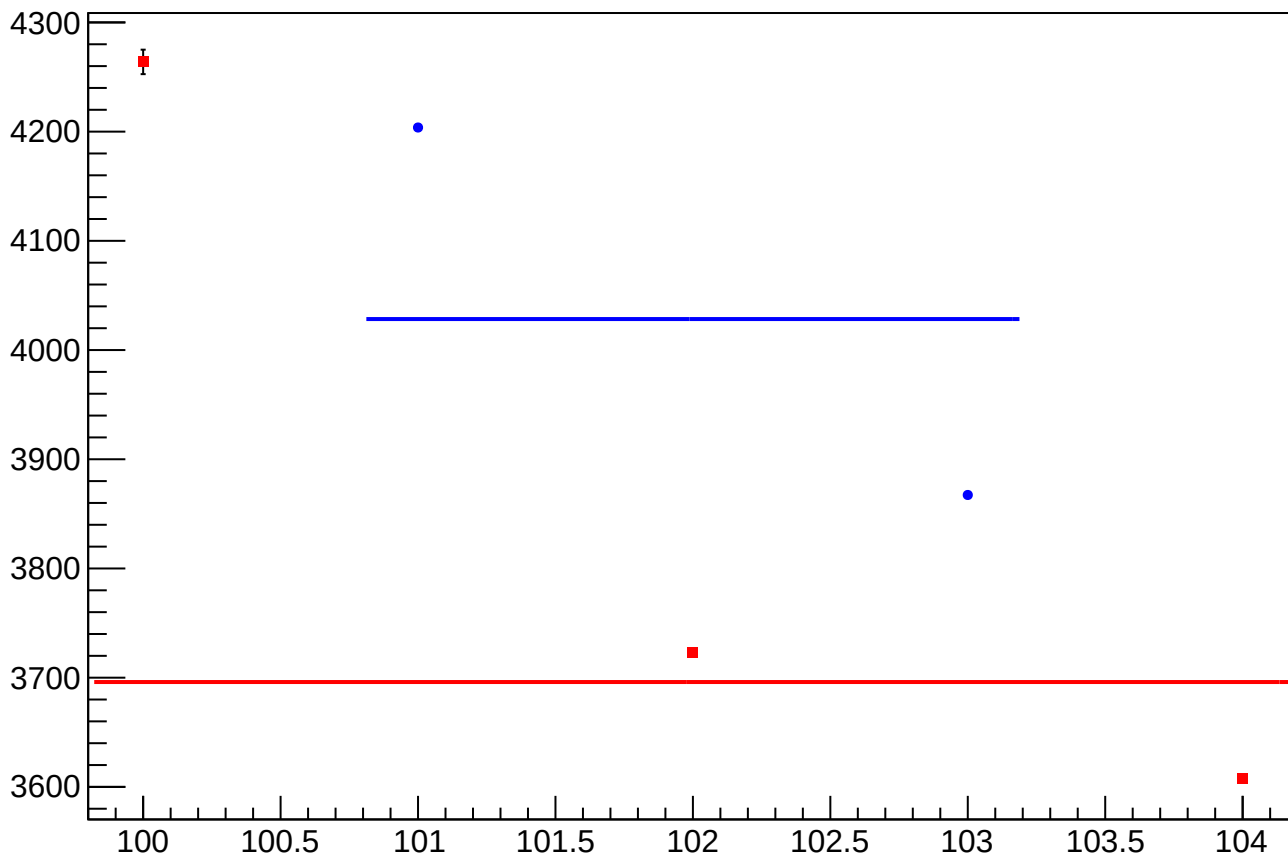
Right: -559.329+/-2443.470 χ^2/NDF : 3.6/4

In: 2076.324+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.329+/-2443.470 χ^2/NDF : 3.6/4

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: 3696.016+/-2.355 χ^2/NDF : 3259.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

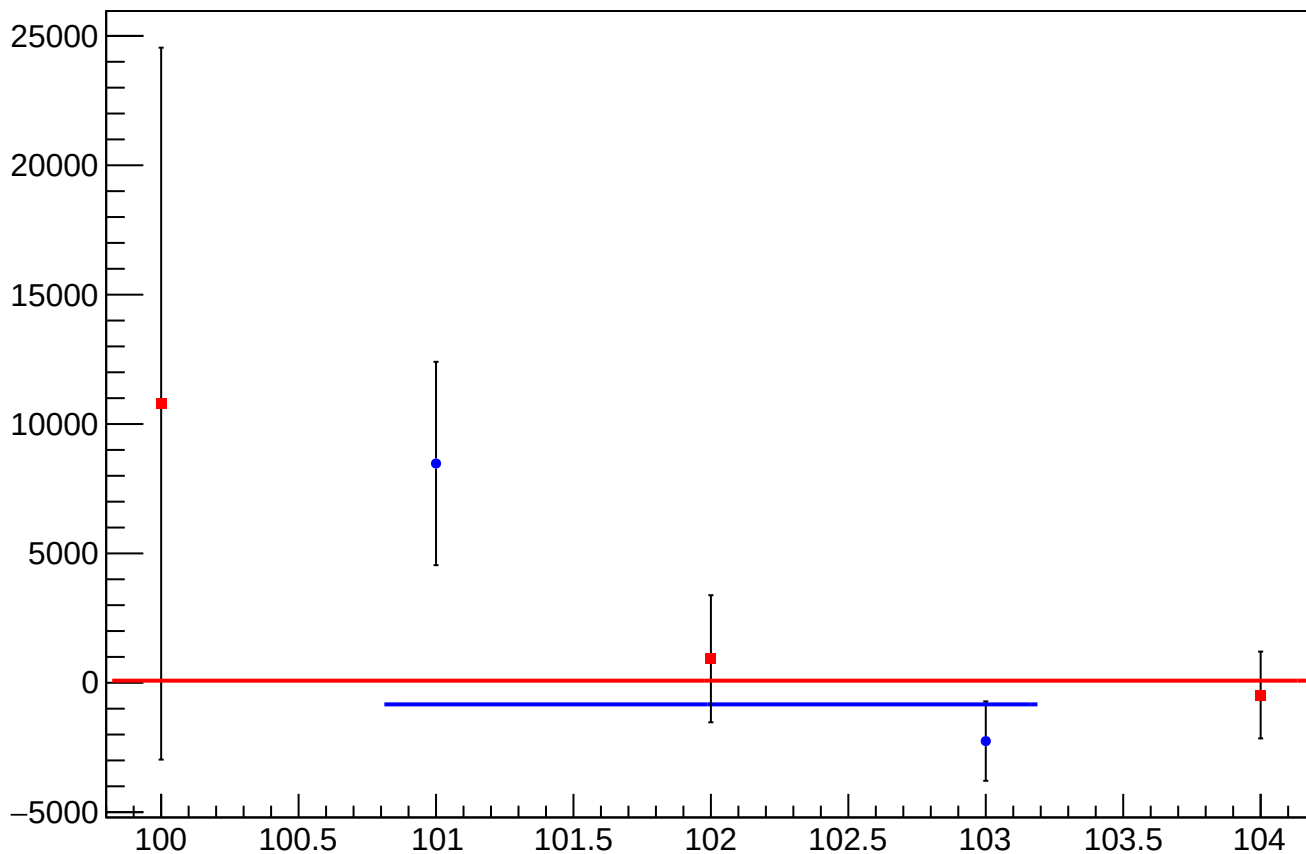
Right: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

In: 4028.384+/-2.542 χ^2/NDF : 4371.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3849.530+/-1.728 χ^2/NDF : 16827.7/4

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: 82.279+/-1378.090 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

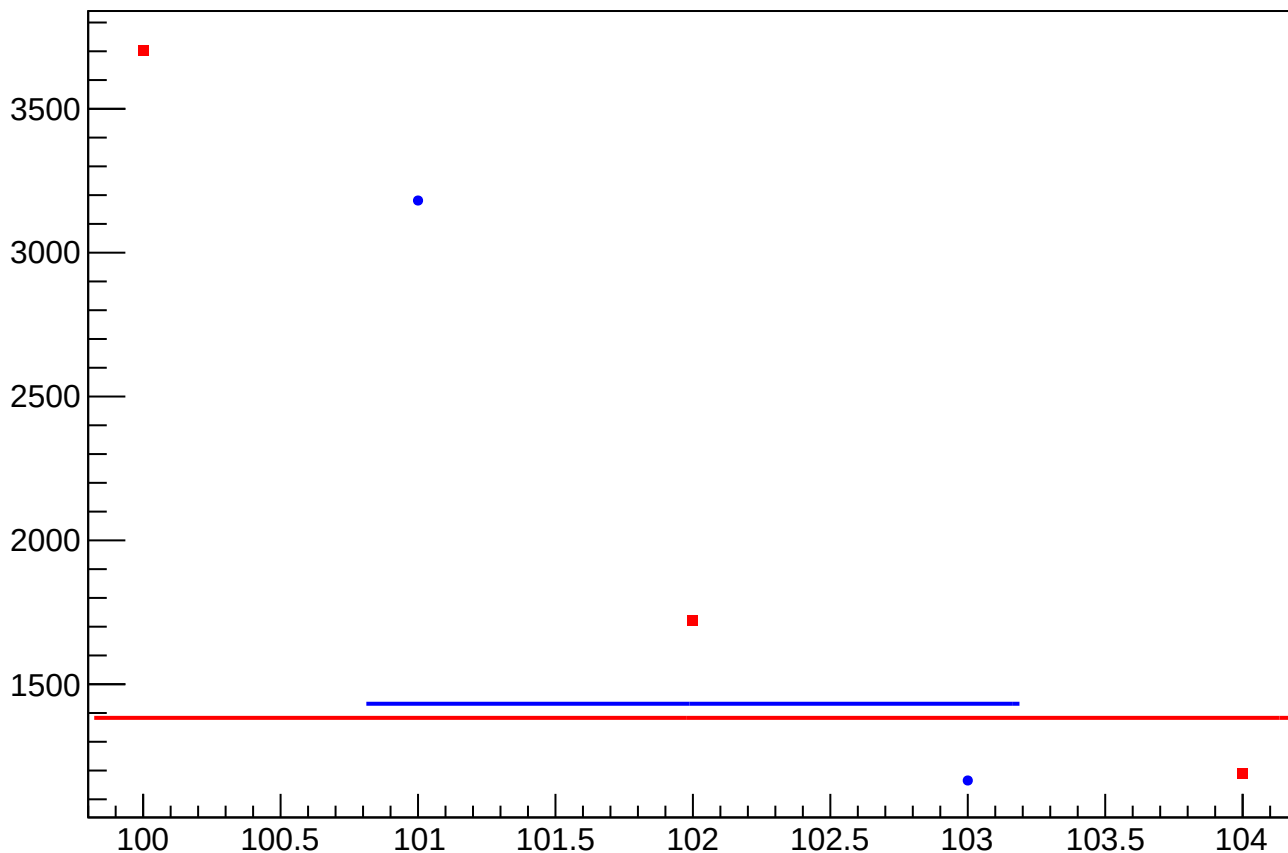
Right: -359.071+/-992.038 χ^2/NDF : 7.5/4

In: -833.776+/-1429.215 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.071+/-992.038 χ^2/NDF : 7.5/4

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: 1383.115+/-0.974 χ^2/NDF : 121247.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

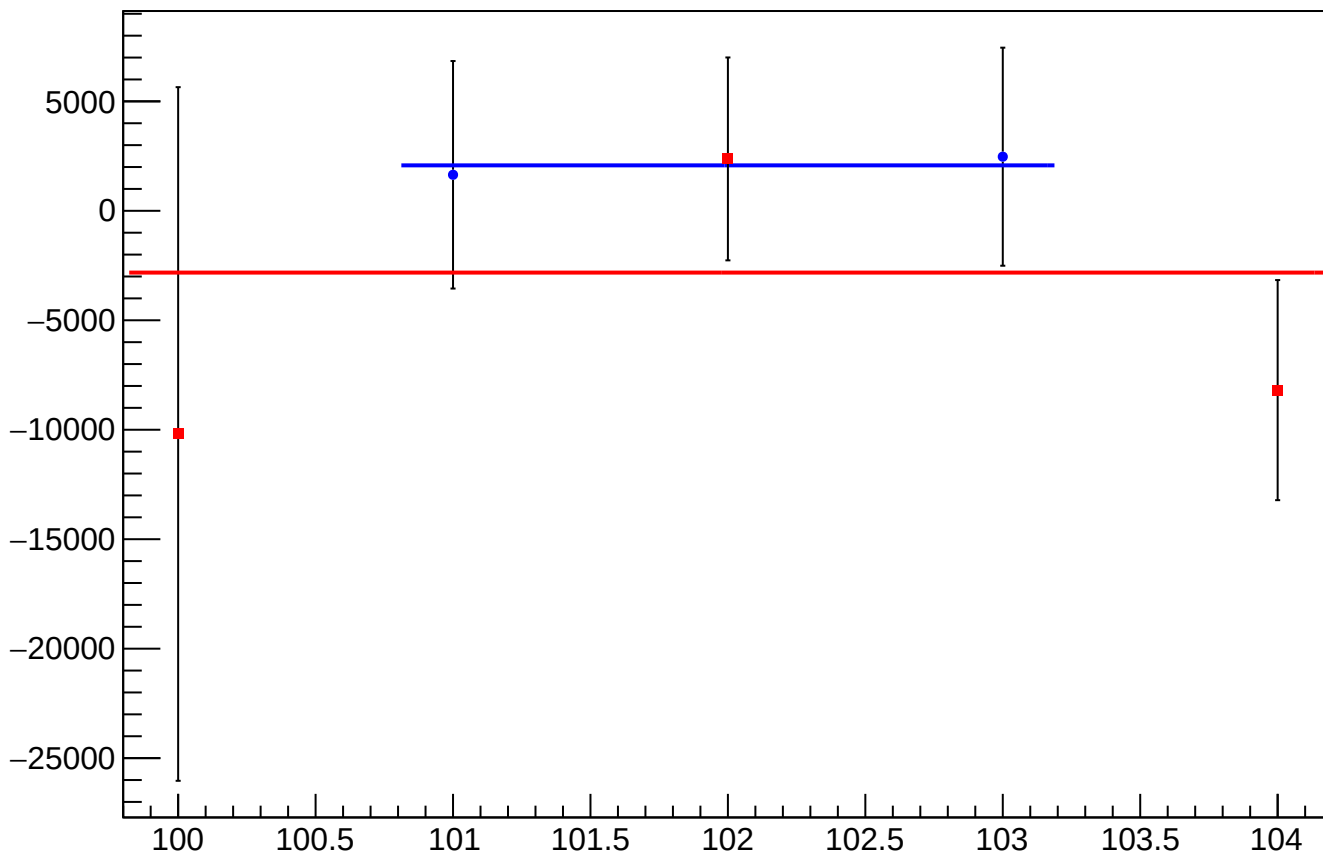
Right: 1406.738+/-0.701 χ^2/NDF : 579251.4/4

In: 1432.145+/-1.011 χ^2/NDF : 456784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1406.738+/-0.701 χ^2/NDF : 579251.4/4

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: -2821.565+/-3330.944 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

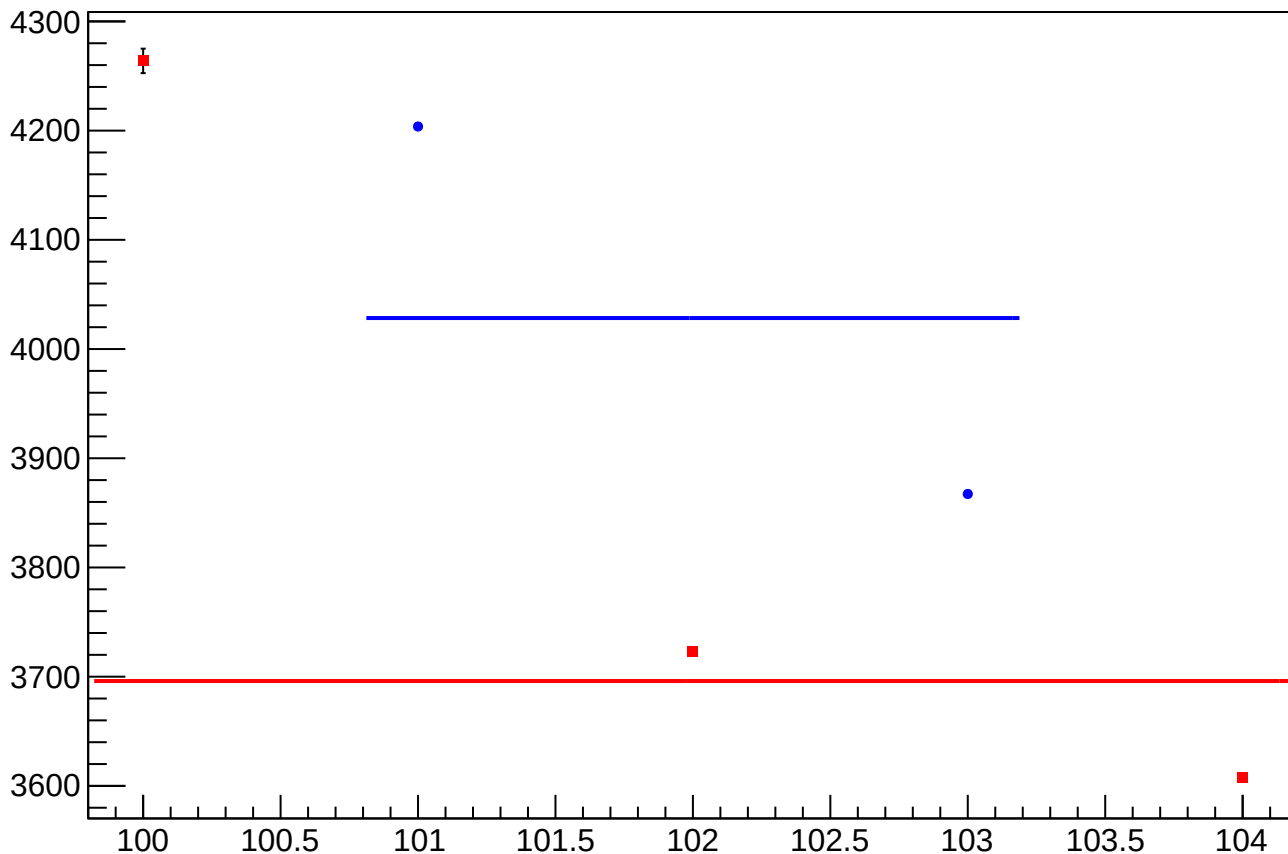
Right: -559.327+/-2443.471 χ^2/NDF : 3.6/4

In: 2076.330+/-3595.363 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -559.327+/-2443.471 χ^2/NDF : 3.6/4

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: 3696.018+/-2.355 χ^2 /NDF: 3259.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

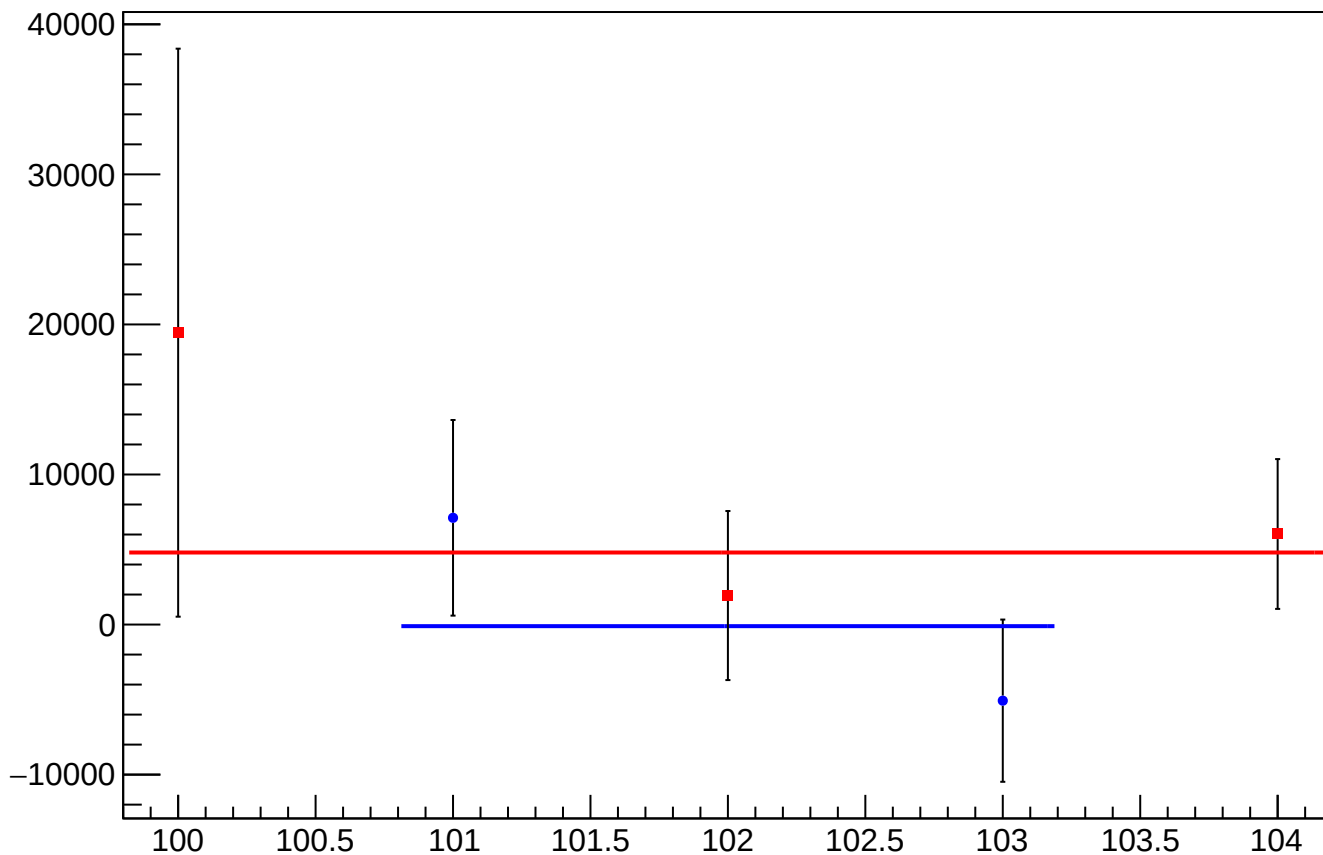
Right: 3849.531+/-1.728 χ^2 /NDF: 16827.3/4

In: 4028.383+/-2.542 χ^2 /NDF:4370.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3849.531+/-1.728 χ^2 /NDF: 16827.3/4

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: 4801.584+/-3665.195 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

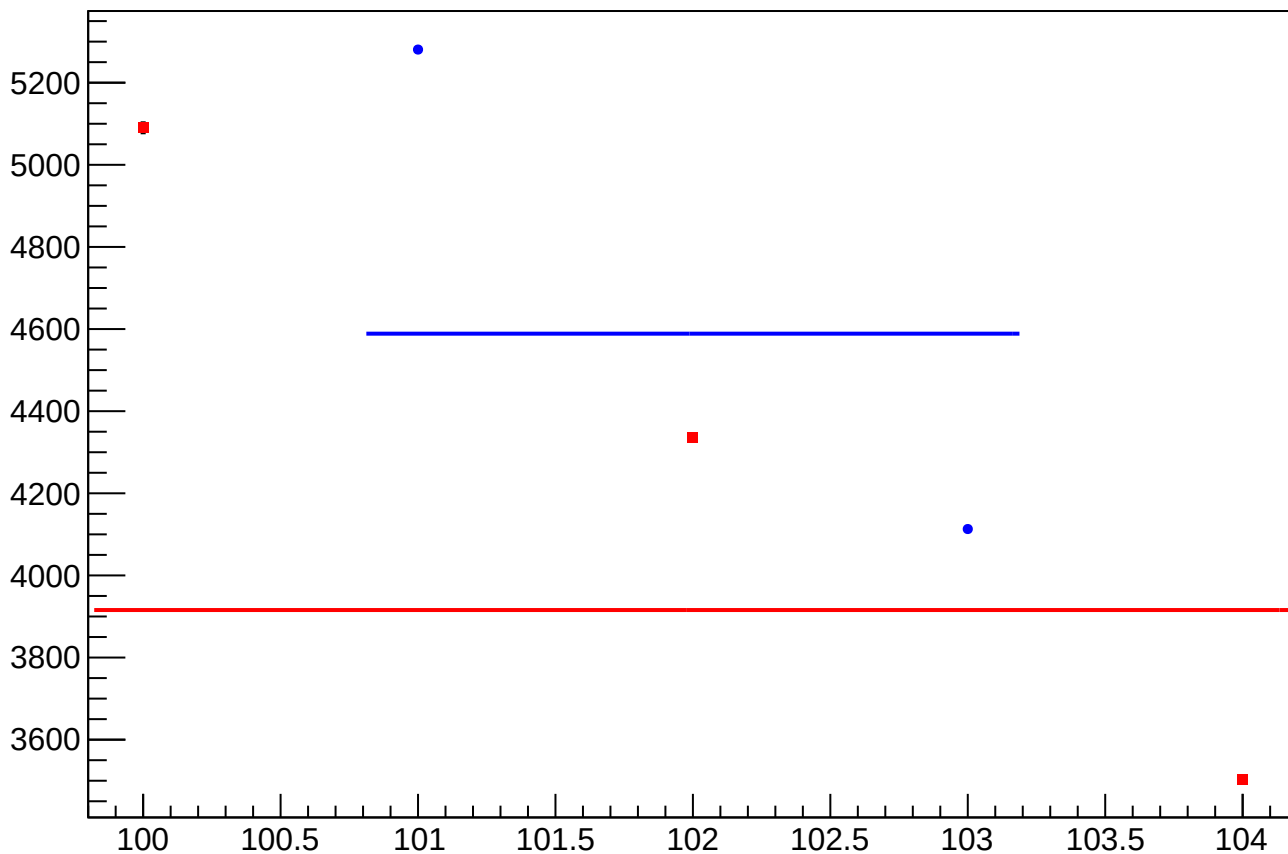
Right: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

In: -106.500+/-4160.876 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2657.164+/-2750.323 χ^2/NDF : 3.8/4

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: 3915.717+/-2.592 χ^2/NDF : 32520.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

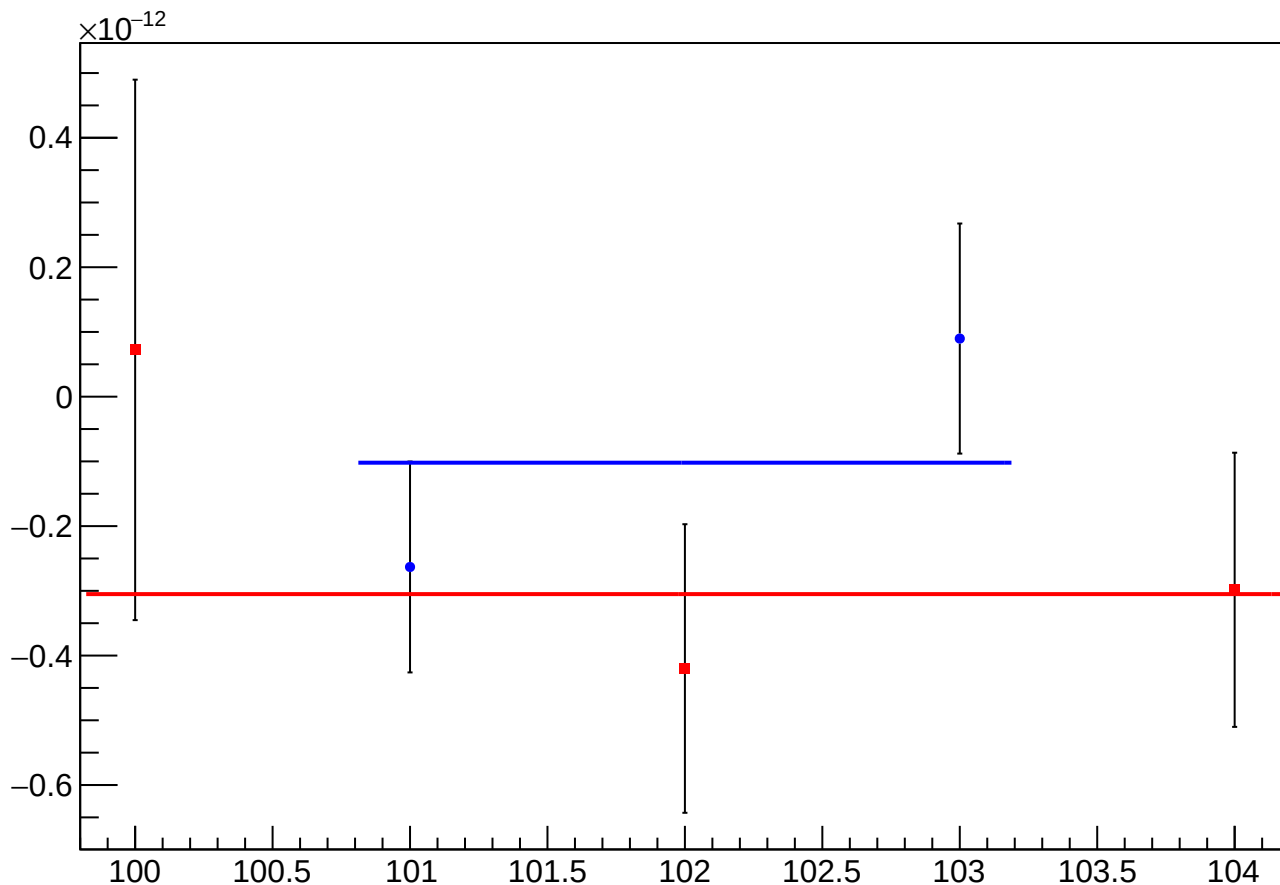
Right: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

In: 4588.778+/-2.942 χ^2/NDF : 38034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4209.799+/-1.945 χ^2/NDF : 100025.7/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

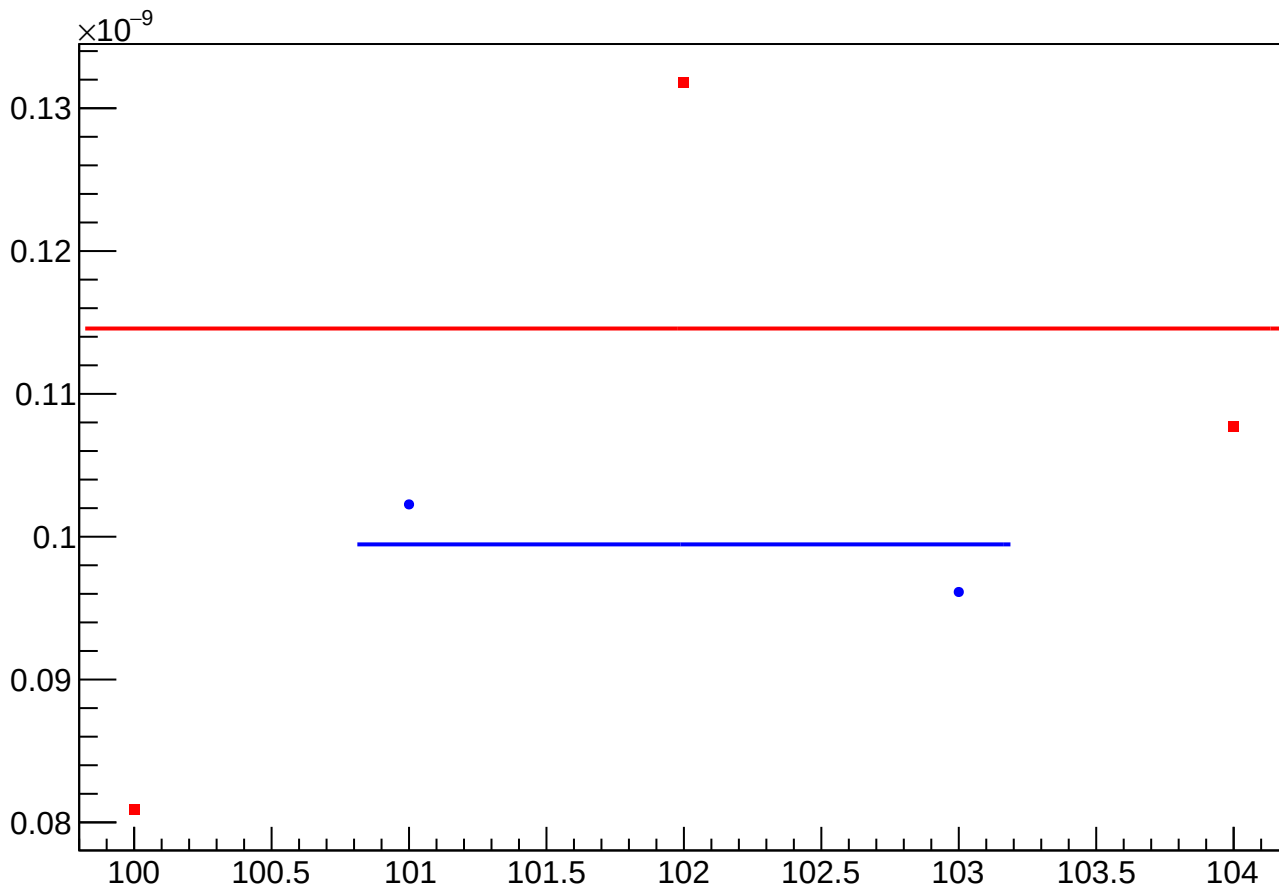
Right: -0.000+/-0.000 χ^2/NDF : 4.4/4

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 : 4.4/4

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 : 27007.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

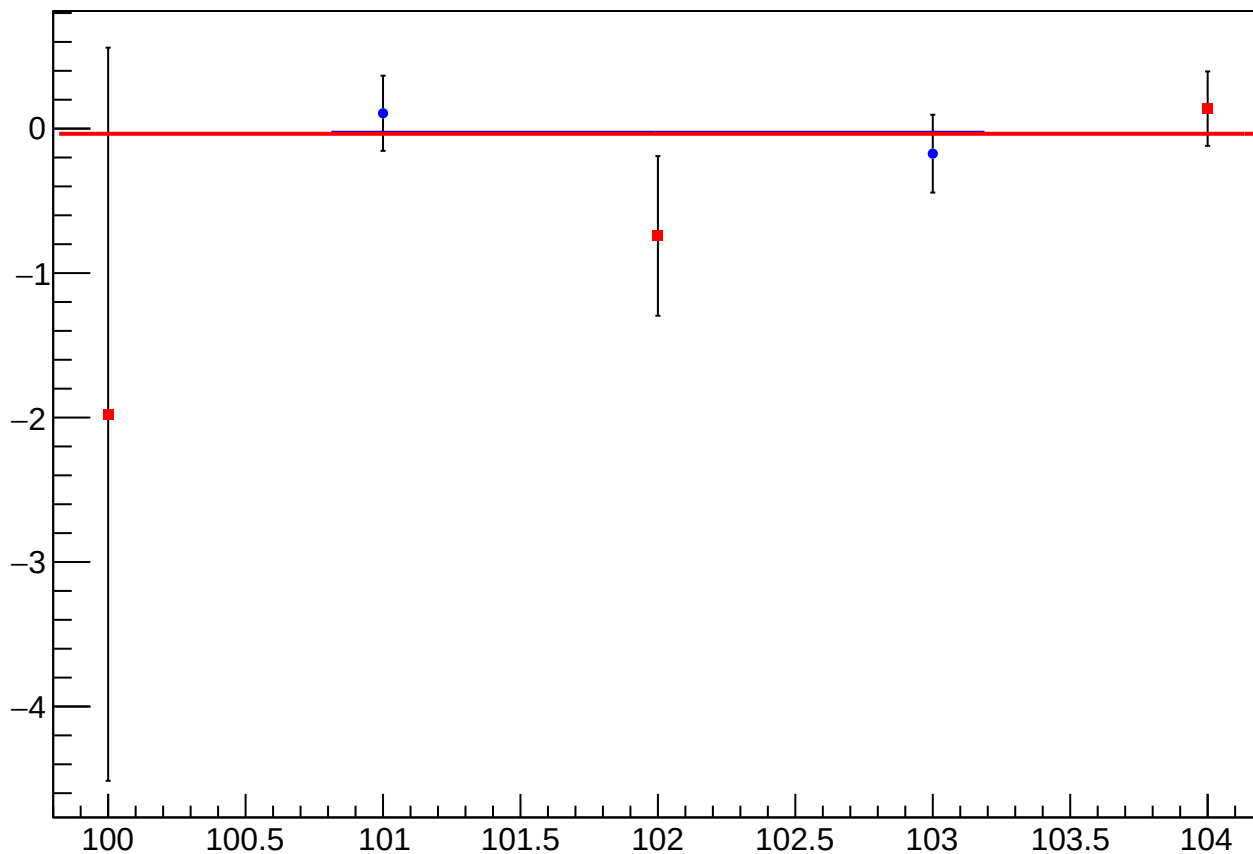
Right: 0.000+/-0.000 χ^2/NDF : 41284.9/4

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 : 41284.9/4

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: -0.036+/-0.233 χ^2 /NDF: 2.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

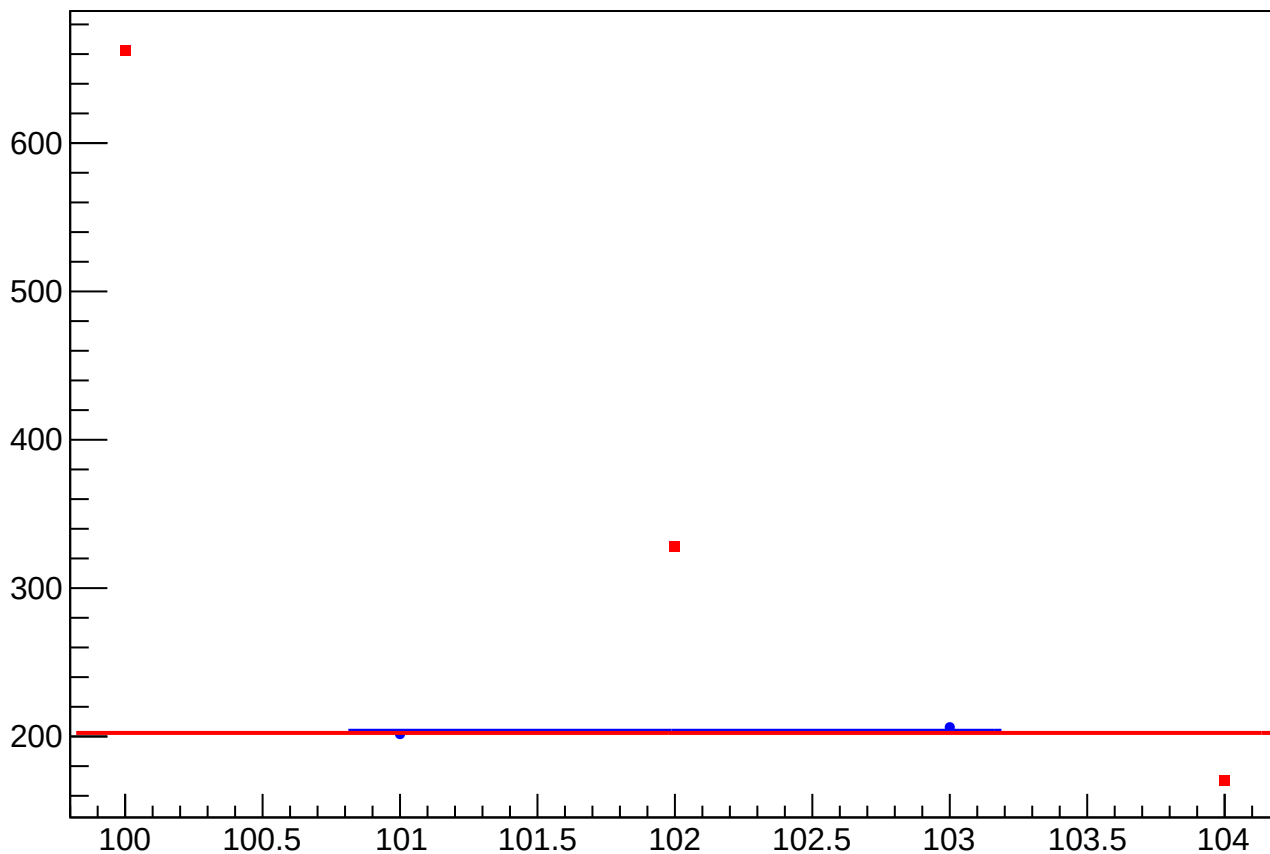
Right: -0.031+/-0.146 χ^2 /NDF: 3.2/4

In: -0.029+/-0.187 χ^2 /NDF:0.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.031+/-0.146 χ^2 /NDF: 3.2/4

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

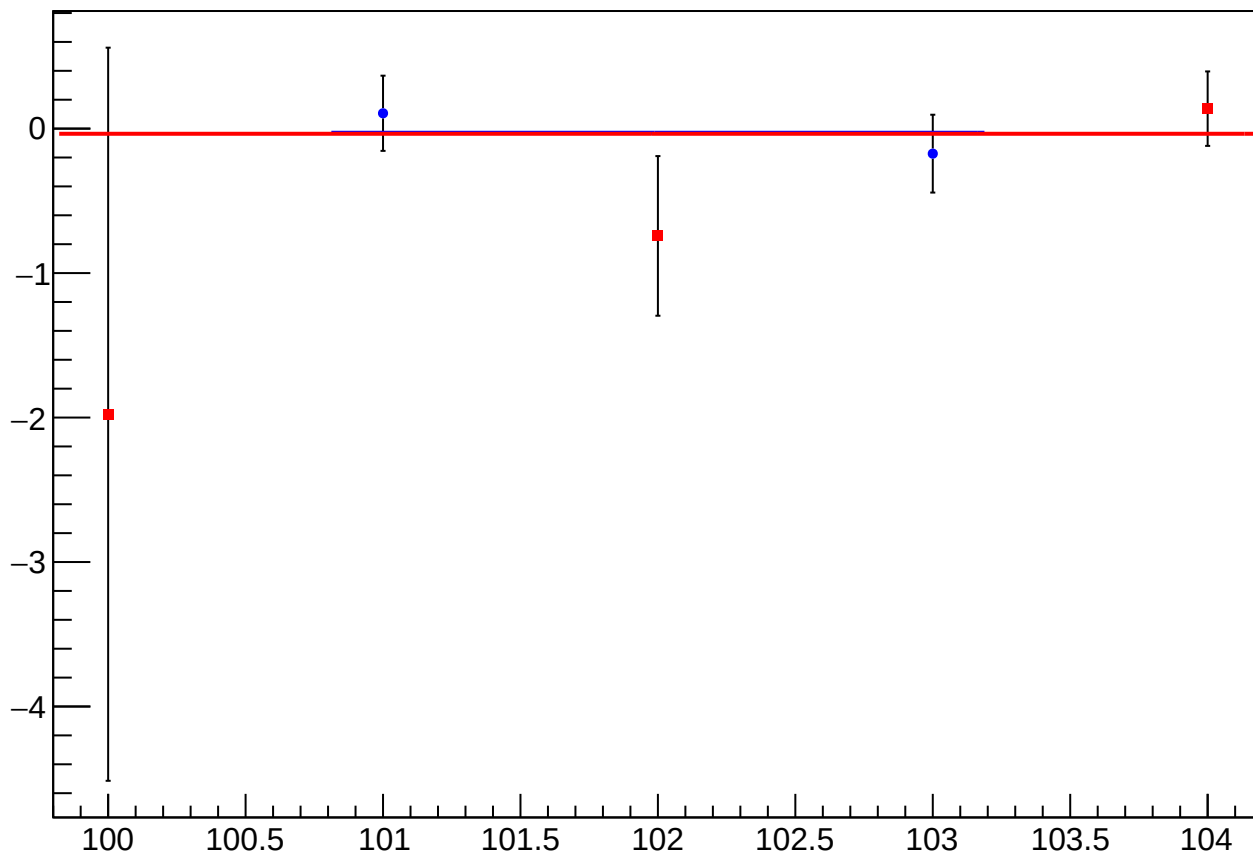
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

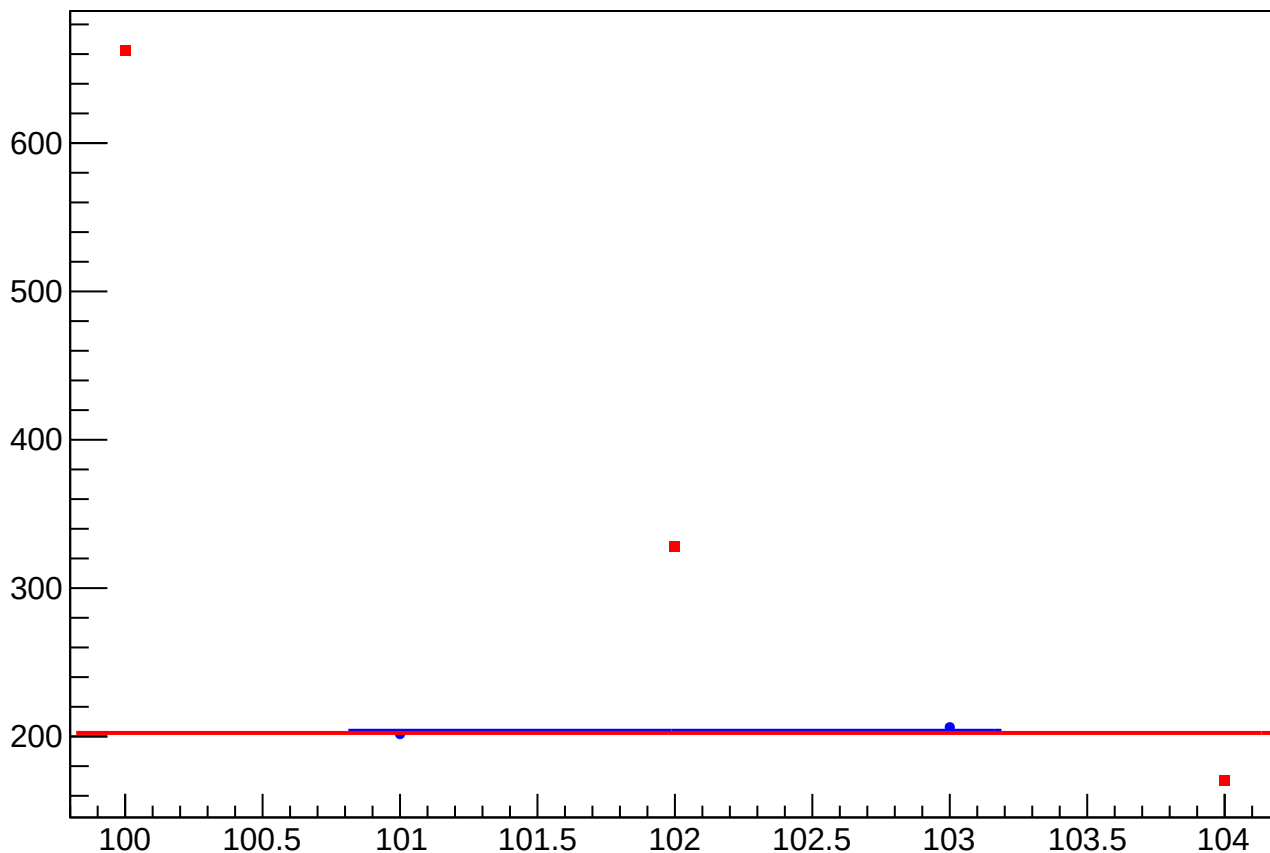
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: 202.390+/-0.164 χ^2/NDF : 200253.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

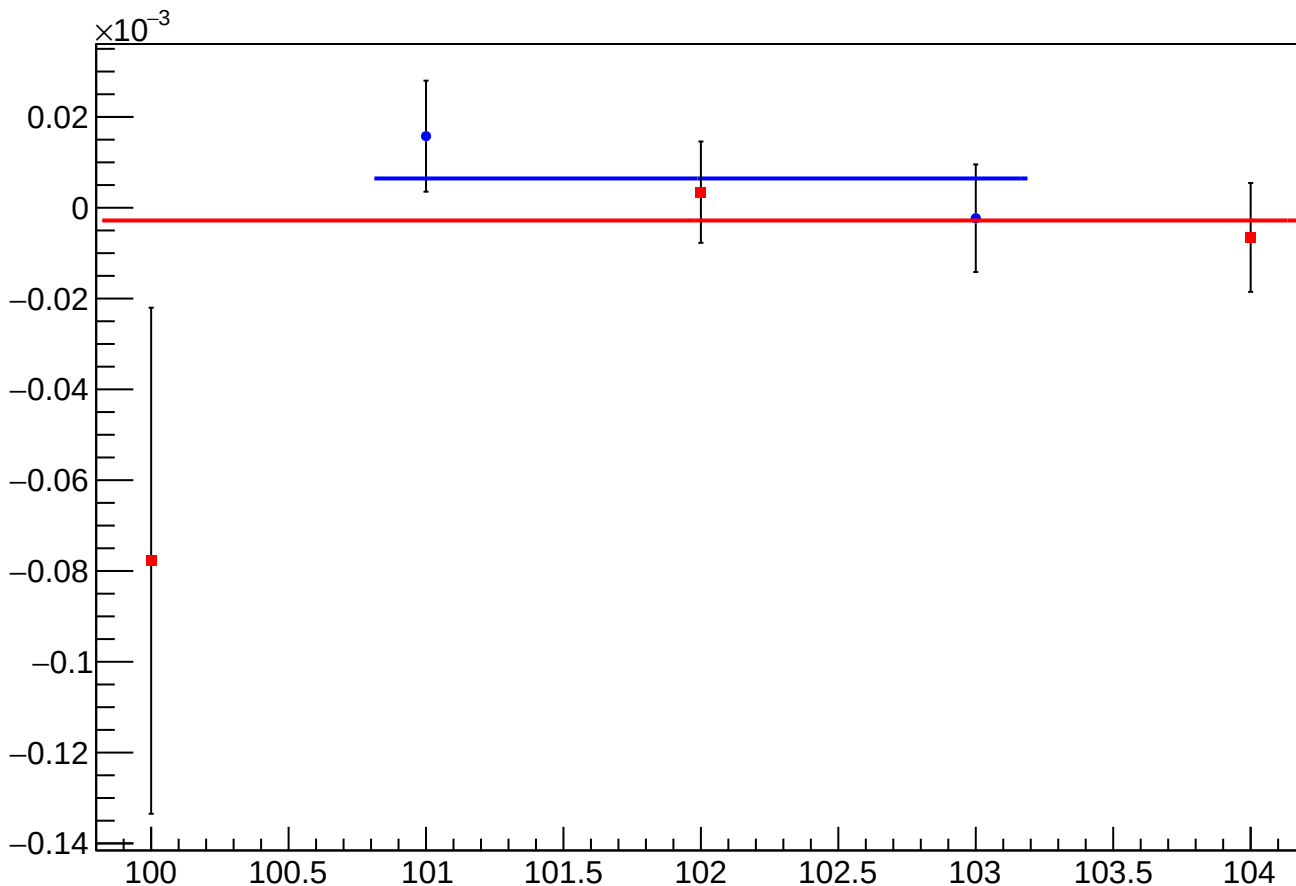
Right: 203.272+/-0.103 χ^2/NDF : 200609.8/4

In: 203.843+/-0.132 χ^2/NDF : 308.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.272+/-0.103 χ^2/NDF : 200609.8/4

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 : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

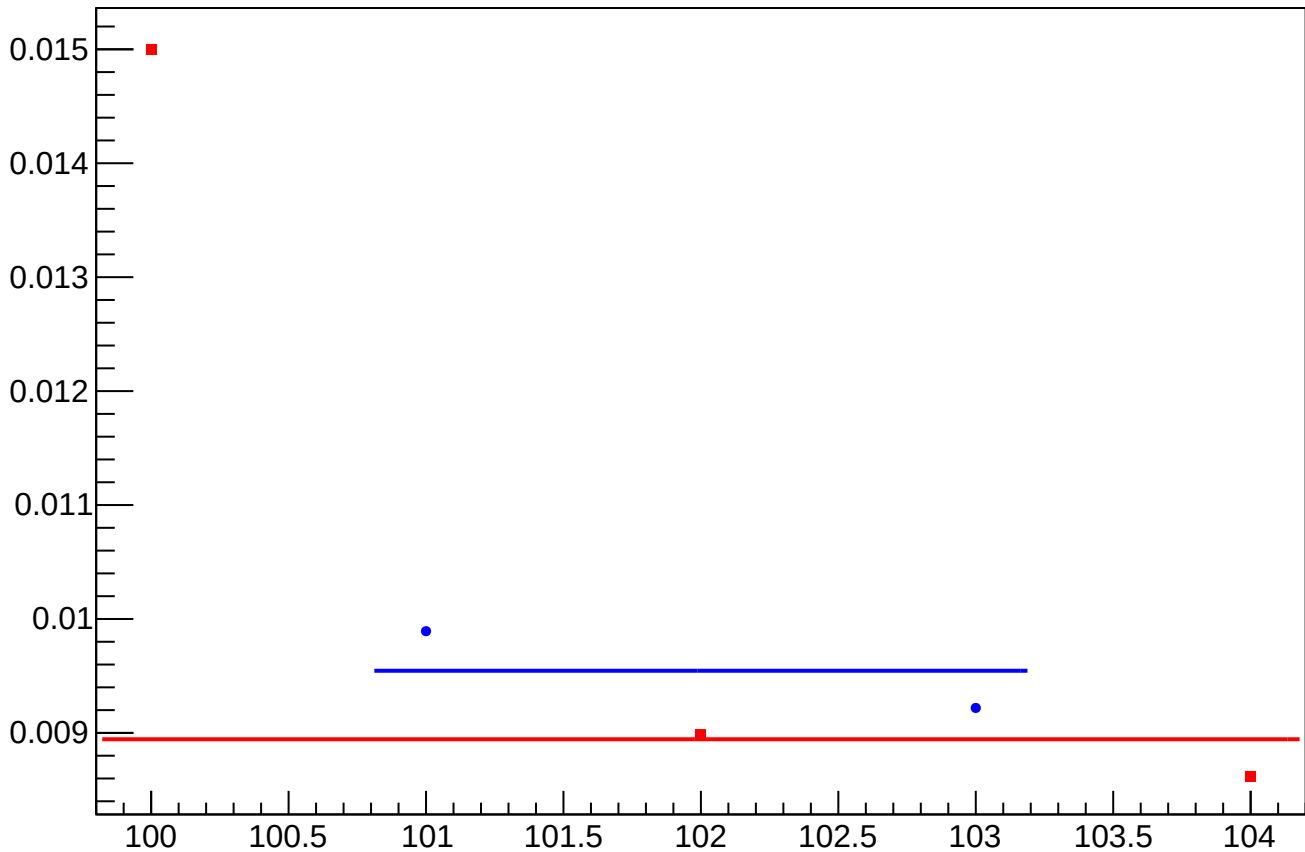
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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: 0.009+/-0.000 χ^2/NDF : 25165.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

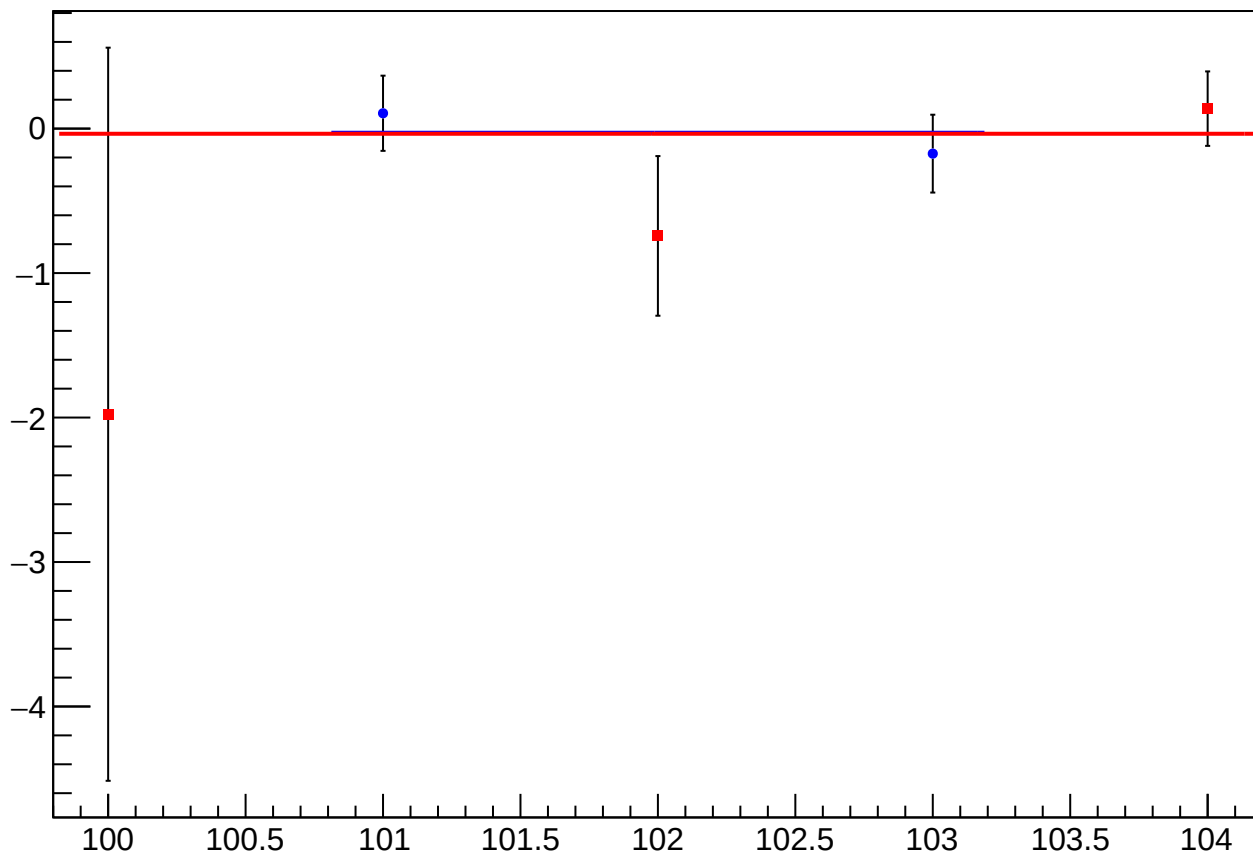
Right: 0.009+/-0.000 χ^2/NDF : 33543.7/4

In: 0.010+/-0.000 χ^2/NDF : 3128.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 33543.7/4

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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

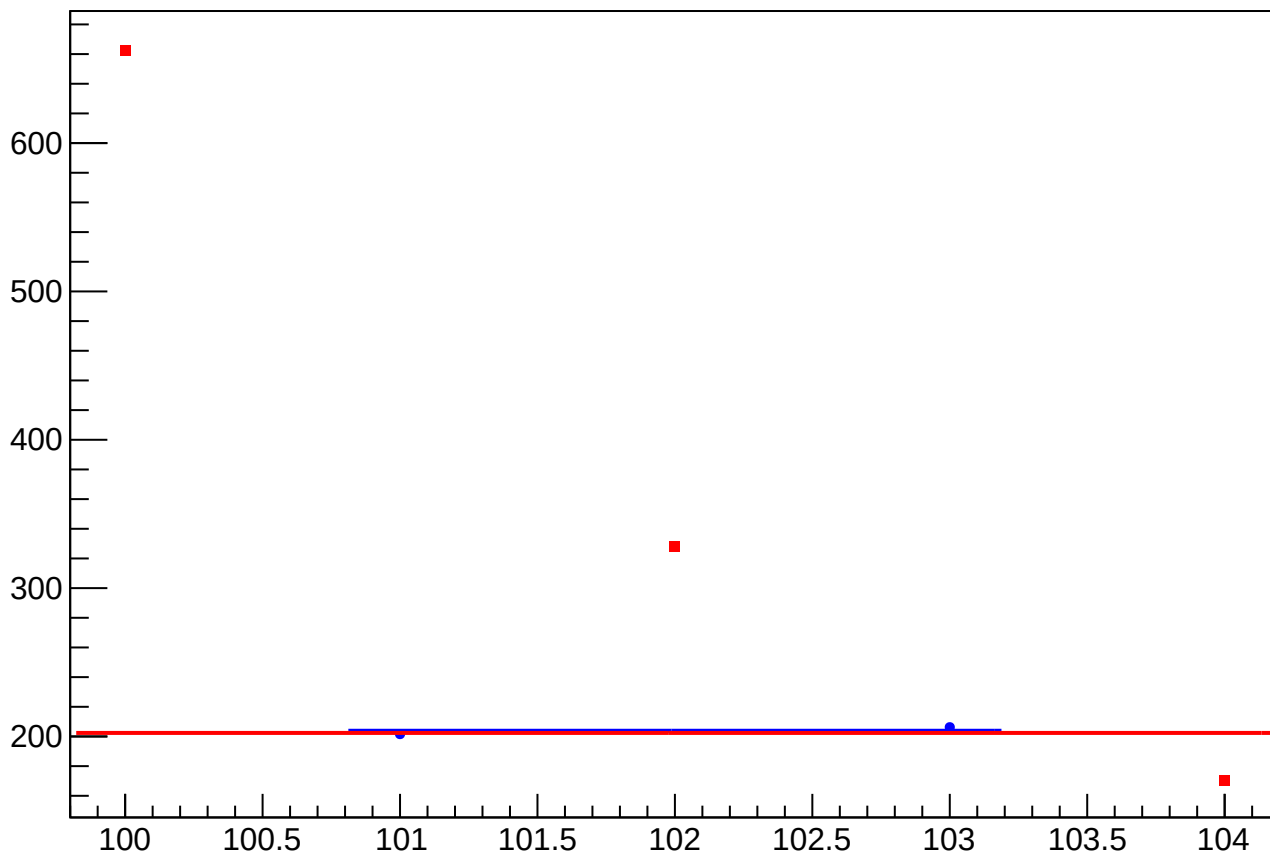
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_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: 202.388+/-0.164 χ^2/NDF : 200254.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

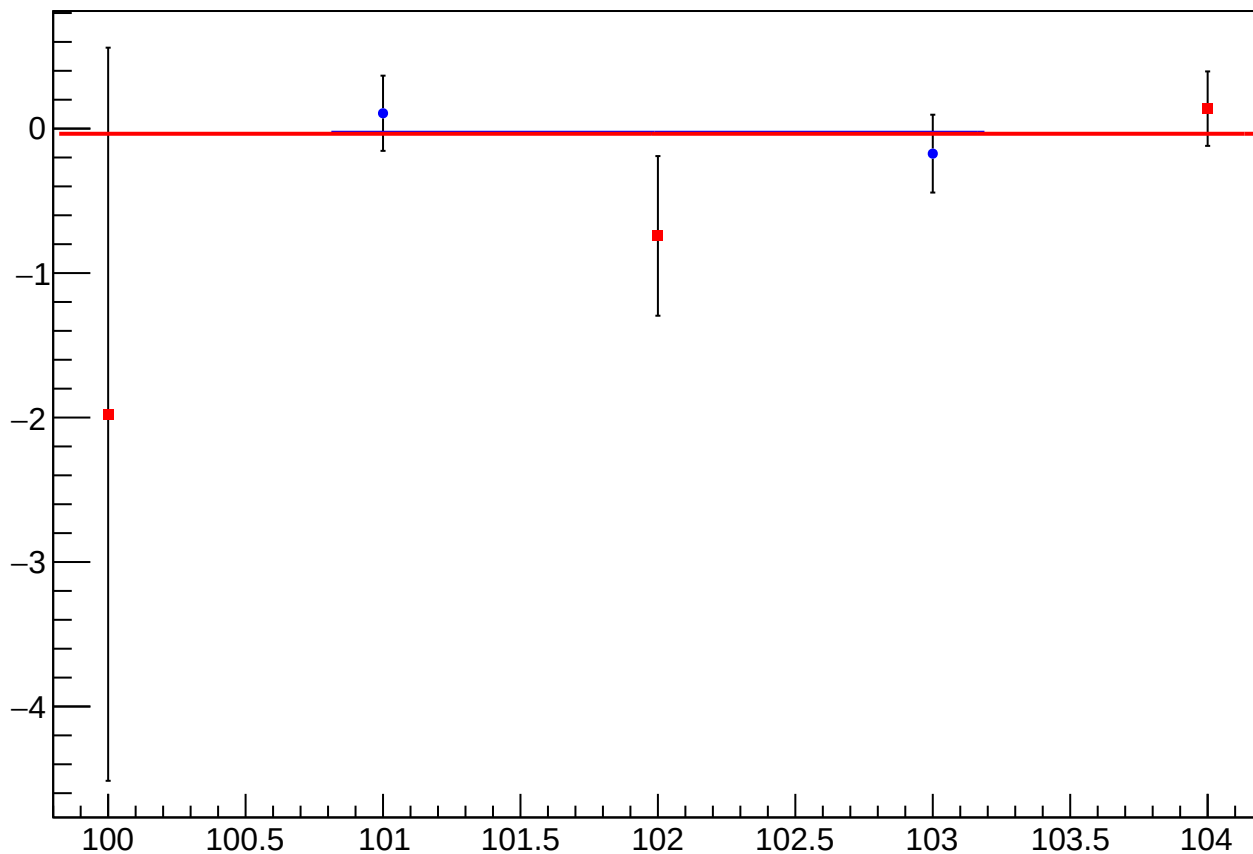
Right: 203.270+/-0.103 χ^2/NDF : 200610.6/4

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.270+/-0.103 χ^2/NDF : 200610.6/4

asym_atl1r2_dd_atl2r1_dd_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: -0.036 $\pm$ 0.233 χ^2 /NDF: 2.7/2

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

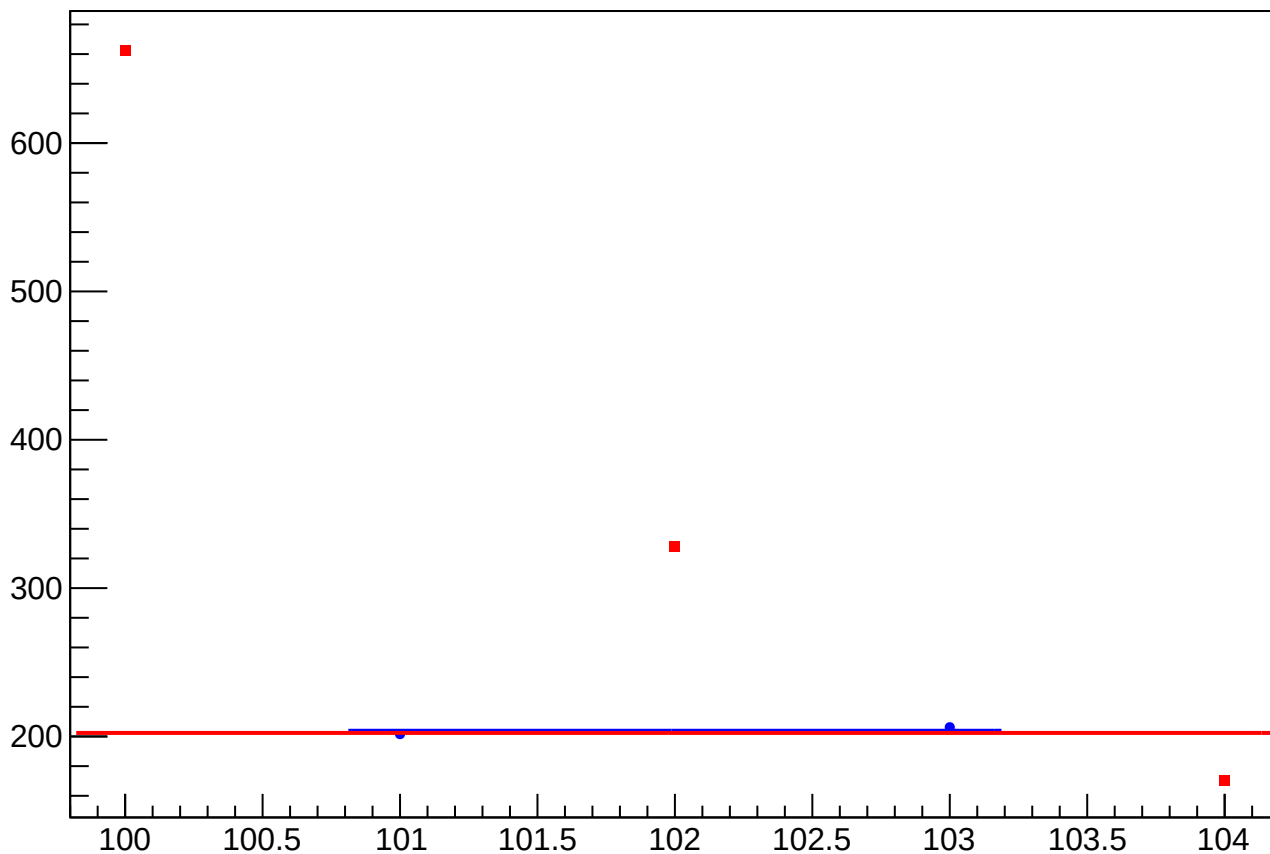
Right: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: -0.031 $\pm$ 0.146 χ^2 /NDF: 3.2/4

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: 202.388+/-0.164 χ^2/NDF : 200254.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

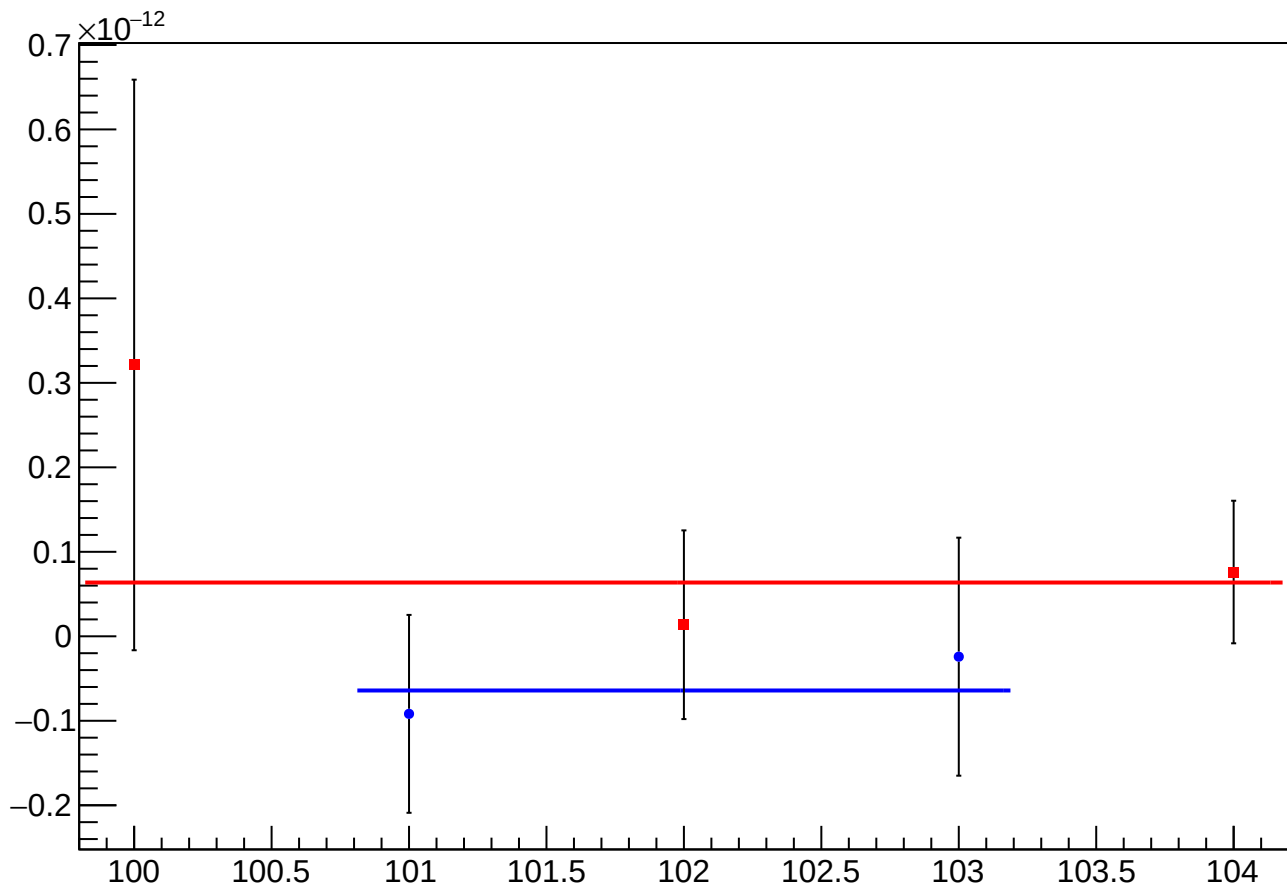
Right: 203.270+/-0.103 χ^2/NDF : 200610.6/4

In: 203.840+/-0.132 χ^2/NDF : 309.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.270+/-0.103 χ^2/NDF : 200610.6/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

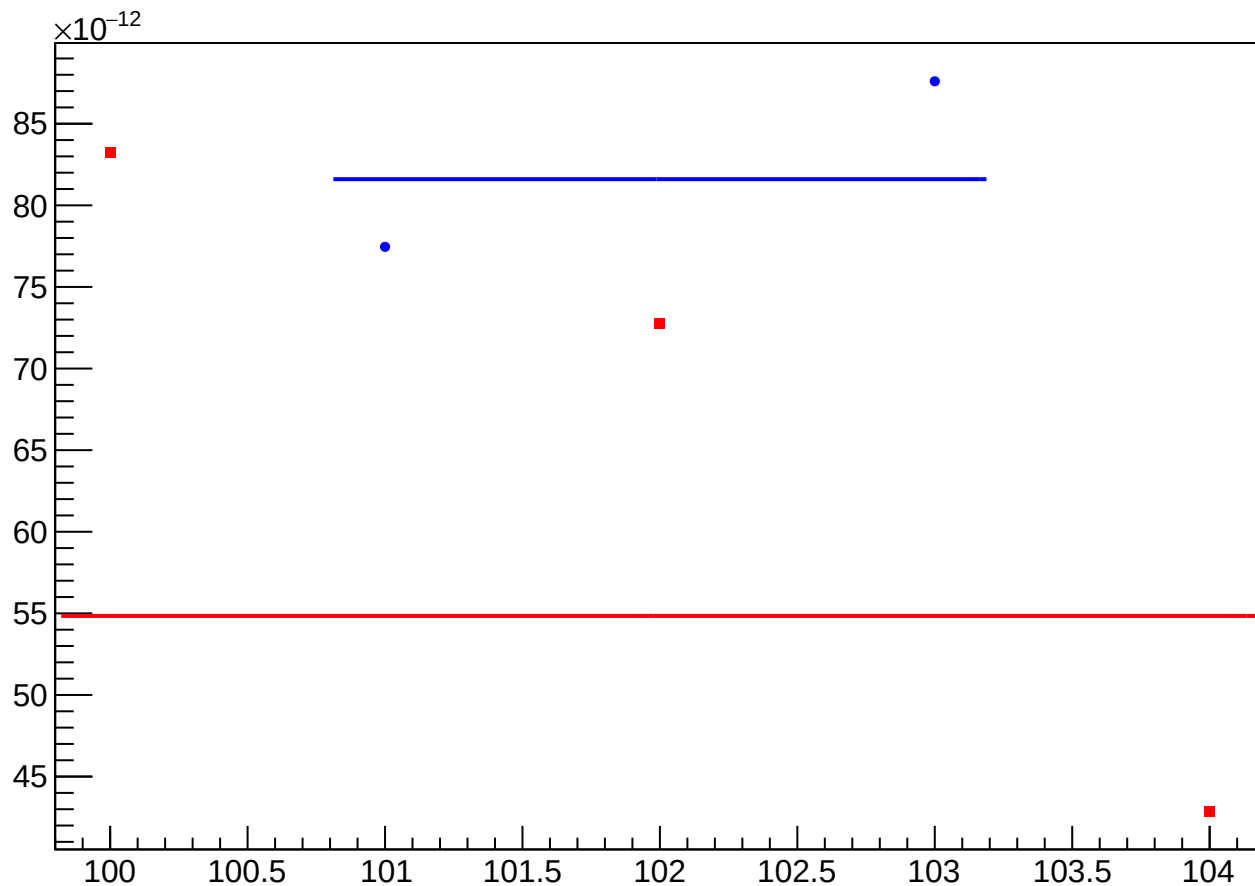
Right: 0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 2.2/4

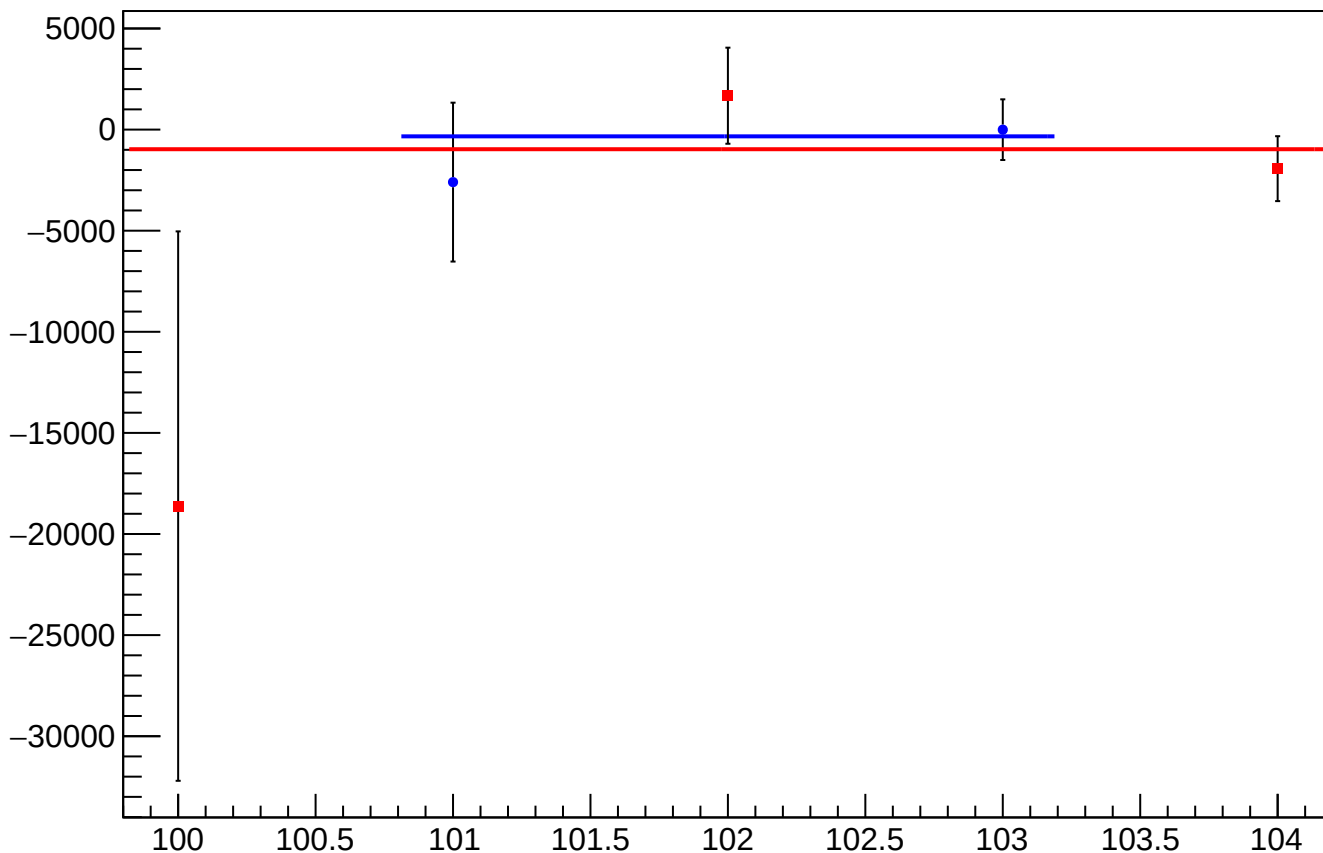
asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 106123.5/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 227082.9/4
 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 : 227082.9/4

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: -970.483+/-1323.523 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

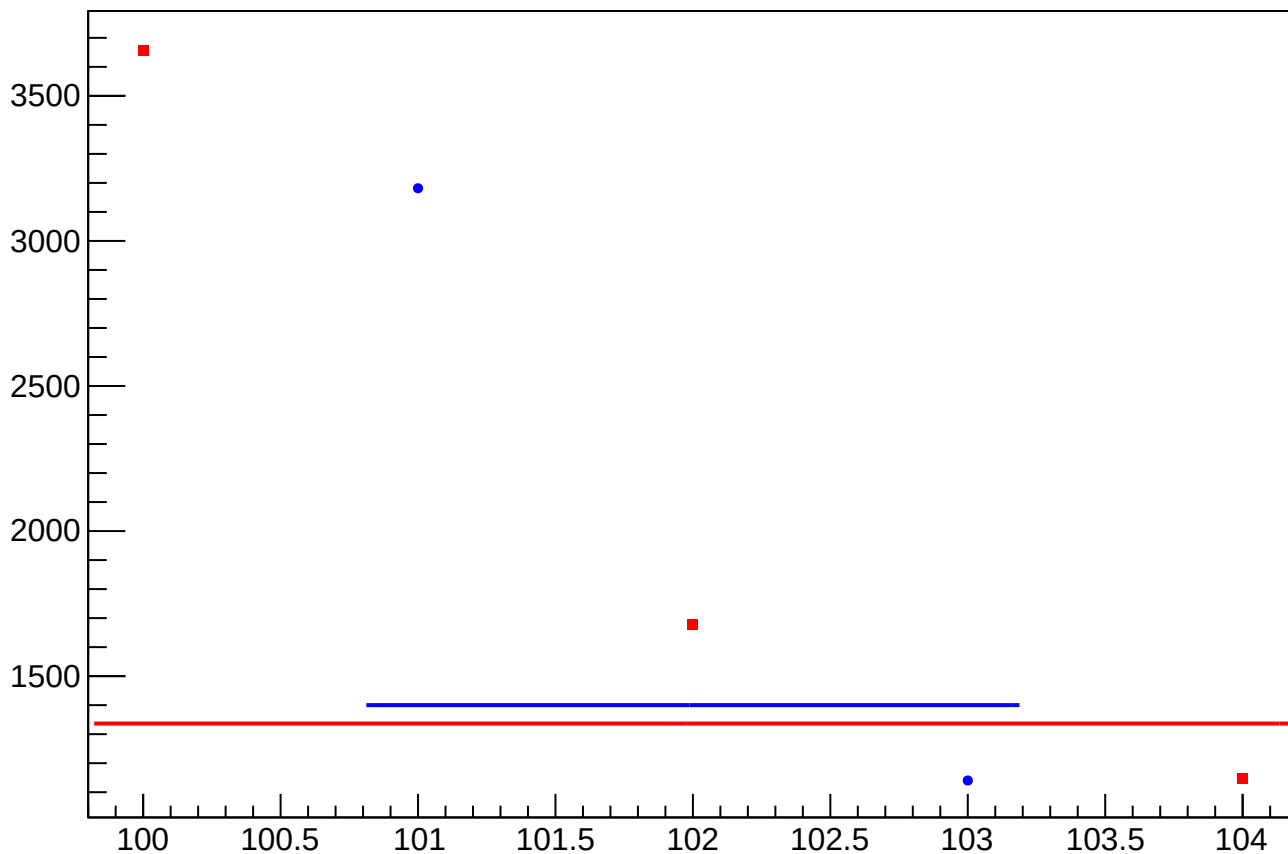
Right: -670.500+/-962.273 χ^2/NDF : 3.8/4

In: -334.106+/-1401.545 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -670.500+/-962.273 χ^2/NDF : 3.8/4

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: 1336.541+/-0.936 χ^2/NDF : 126668.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

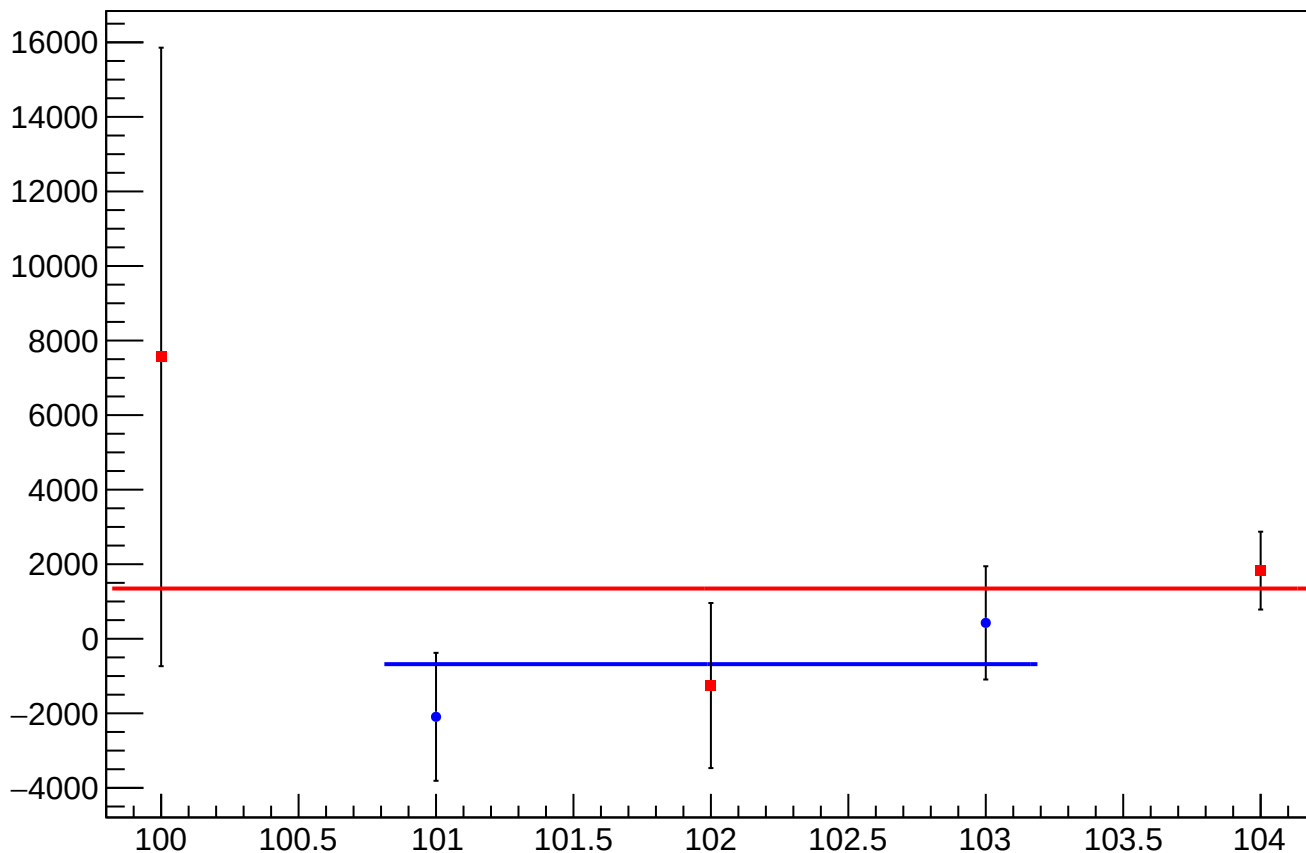
Right: 1366.510+/-0.680 χ^2/NDF : 600049.7/4

In: 1400.116+/-0.991 χ^2/NDF : 471205.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.510+/-0.680 χ^2/NDF : 600049.7/4

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: 1347.697+/-938.477 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

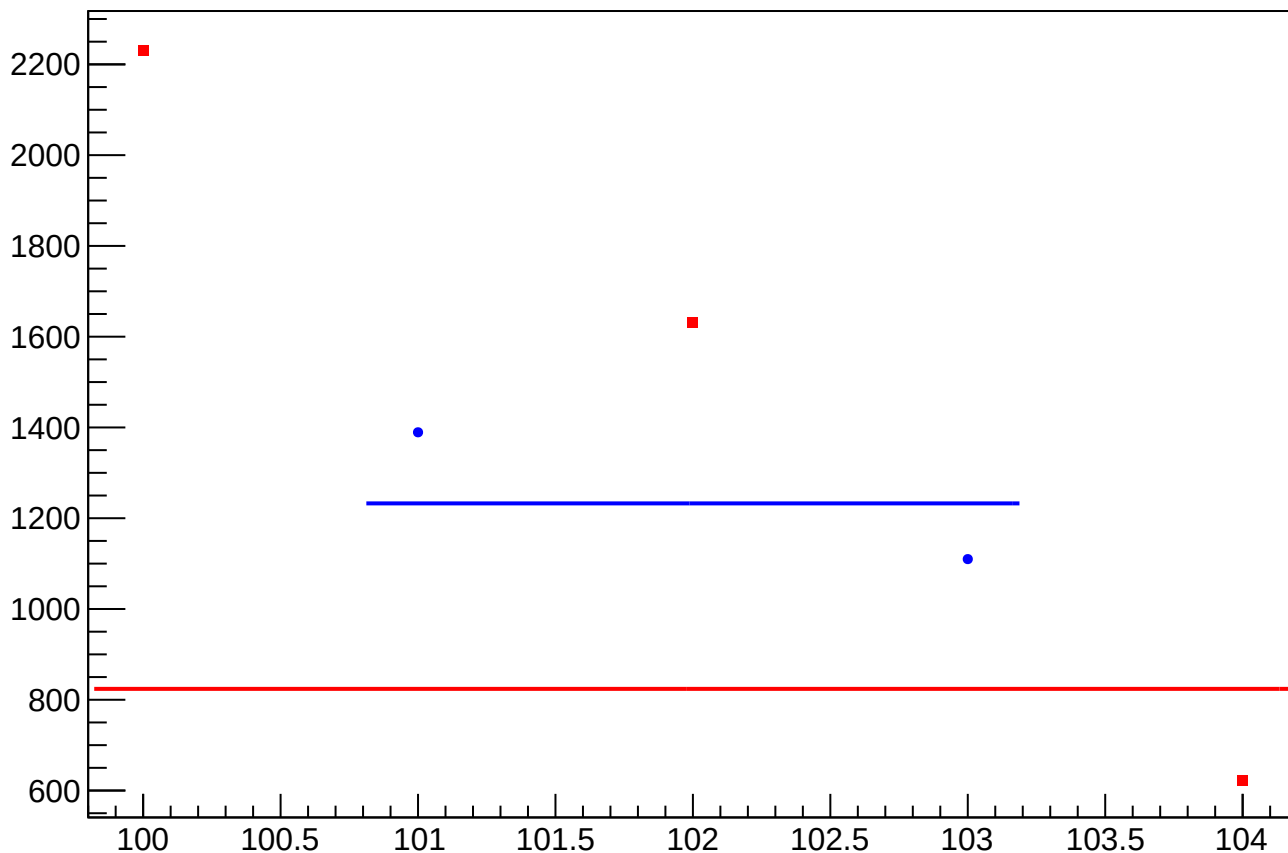
Right: 526.085+/-723.910 χ^2/NDF : 5.3/4

In: -681.010+/-1137.525 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.085+/-723.910 χ^2/NDF : 5.3/4

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: 824.008+/-0.664 χ^2/NDF : 397991.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

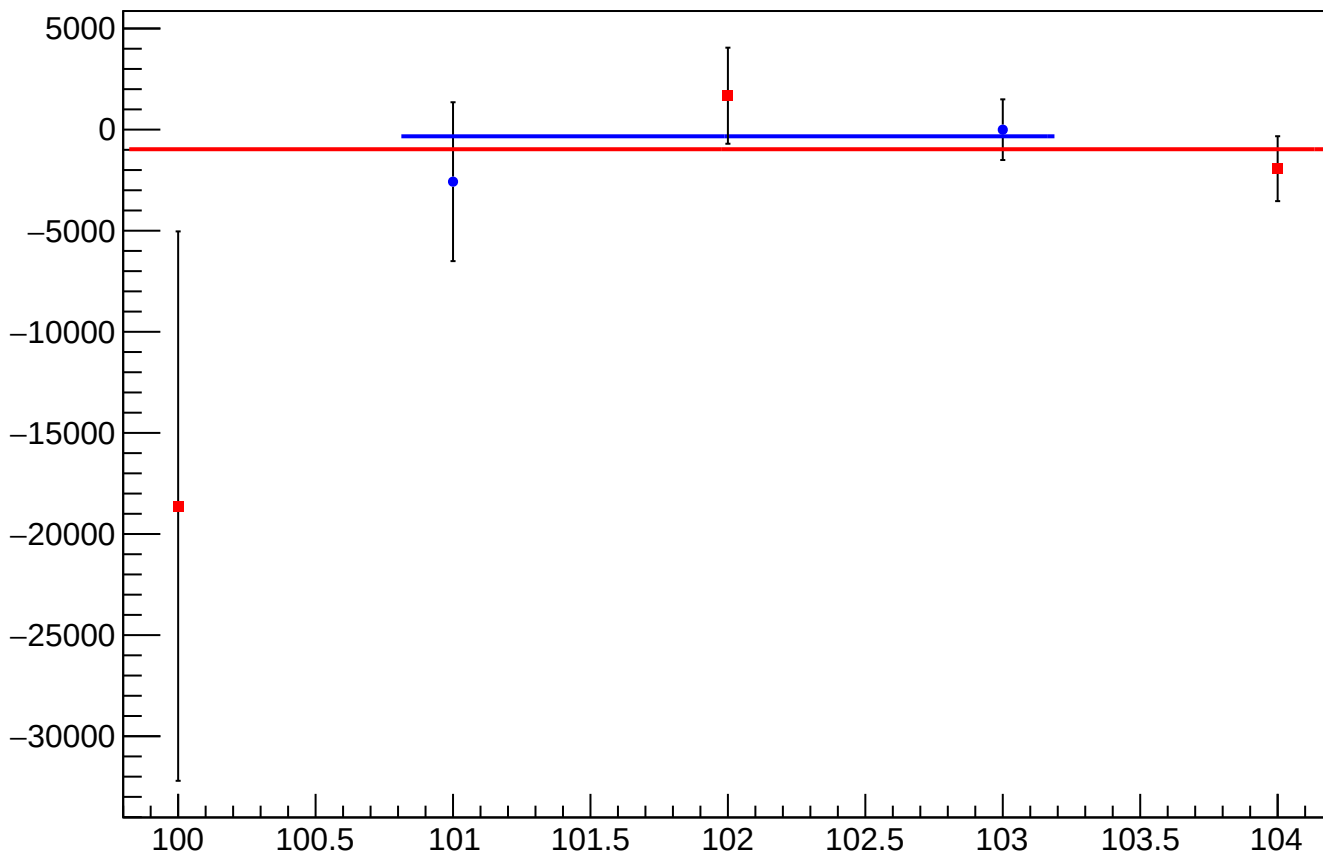
Right: 989.517+/-0.512 χ^2/NDF : 581307.8/4

In: 1232.680+/-0.804 χ^2/NDF : 29720.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.517+/-0.512 χ^2/NDF : 581307.8/4

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -331.207 $\pm$ 1401.547 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -970.495 $\pm$ 1323.523 χ^2 /NDF: 3.3/2

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

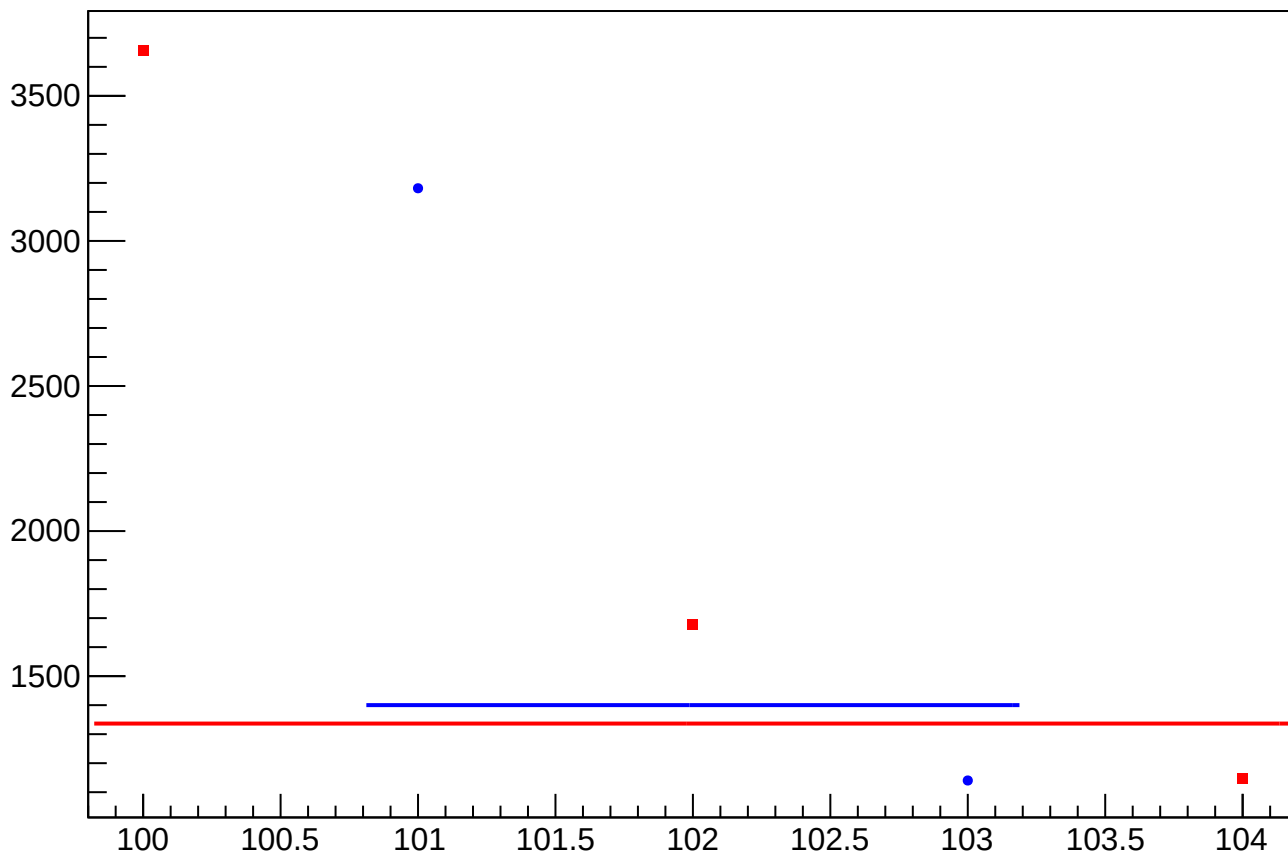
Right: -669.140 $\pm$ 962.274 χ^2 /NDF: 3.8/4

In: -331.207 $\pm$ 1401.547 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -669.140 $\pm$ 962.274 χ^2 /NDF: 3.8/4

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: 1336.539+/-0.936 χ^2/NDF : 126667.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

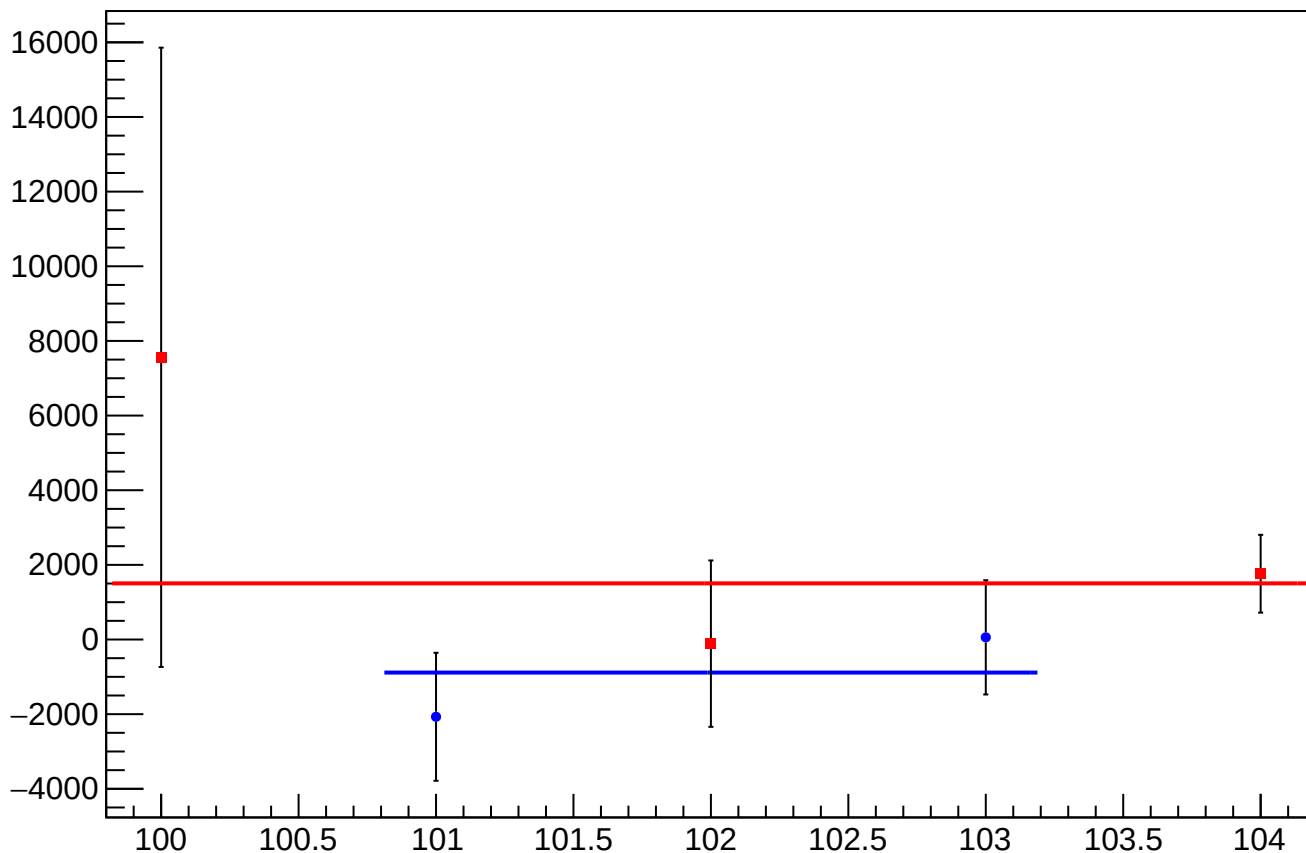
Right: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

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: 1504.589+/-938.230 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

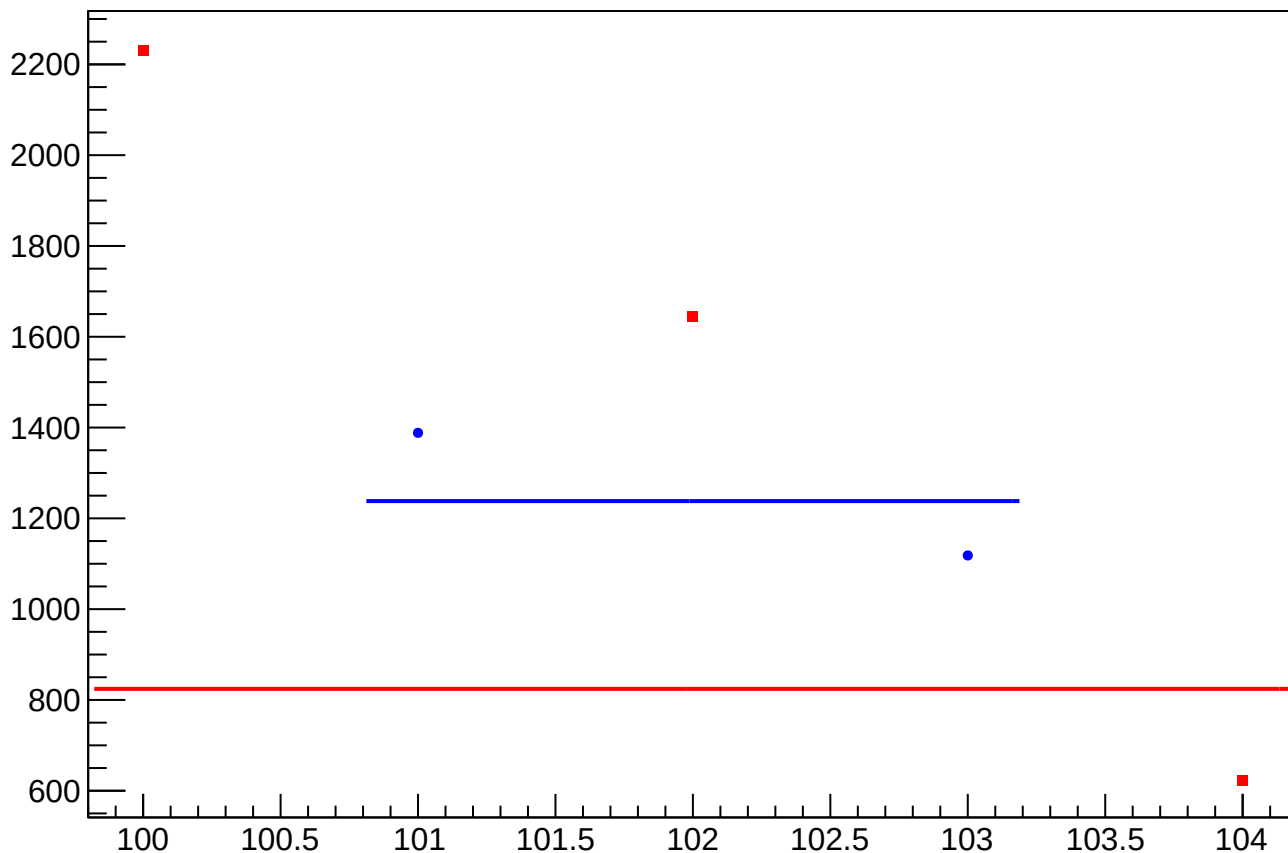
Right: 541.377+/-724.913 χ^2/NDF : 4.6/4

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.377+/-724.913 χ^2/NDF : 4.6/4

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: 824.396+/-0.663 χ^2/NDF : 403673.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

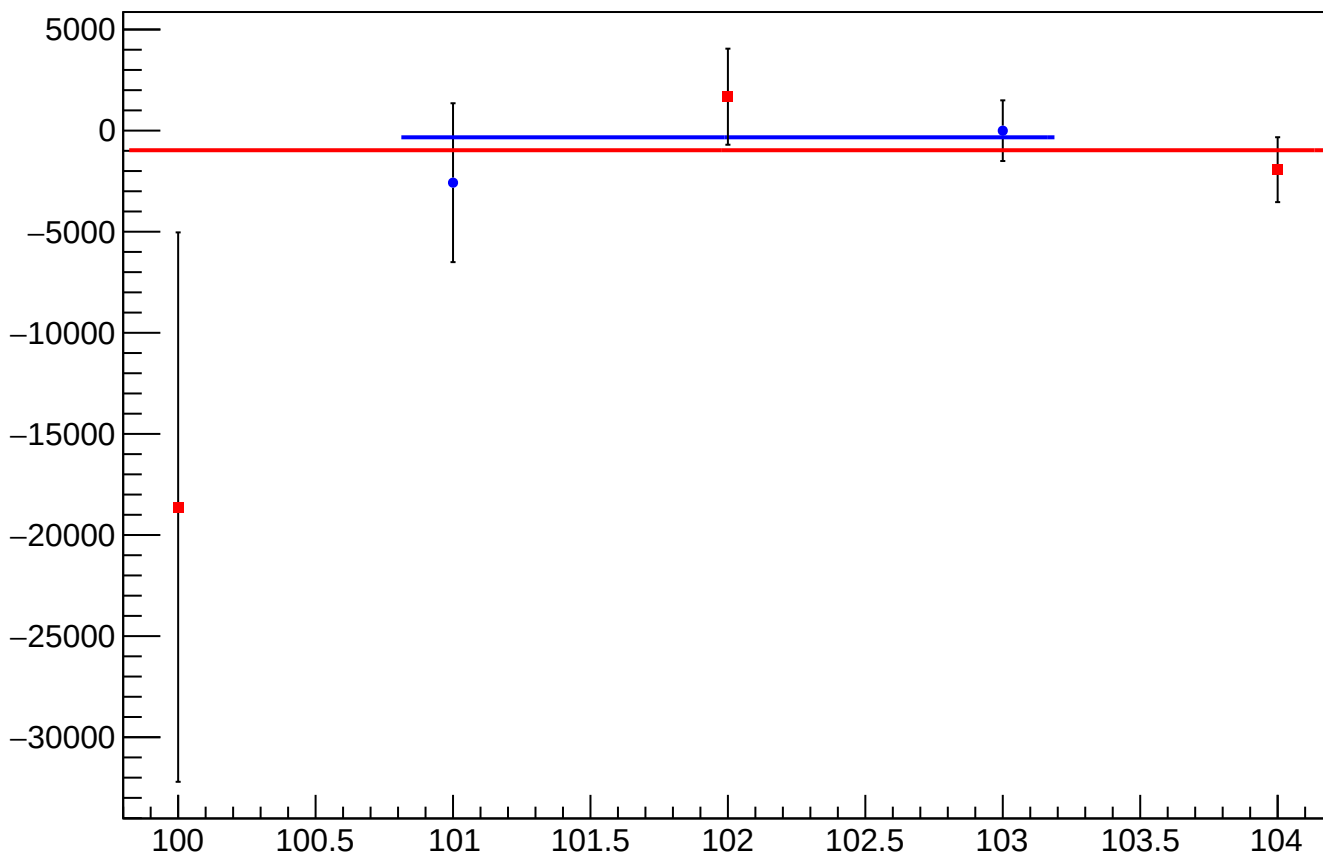
Right: 991.103+/-0.513 χ^2/NDF : 587949.5/4

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.103+/-0.513 χ^2/NDF : 587949.5/4

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: -970.495+/-1323.523 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

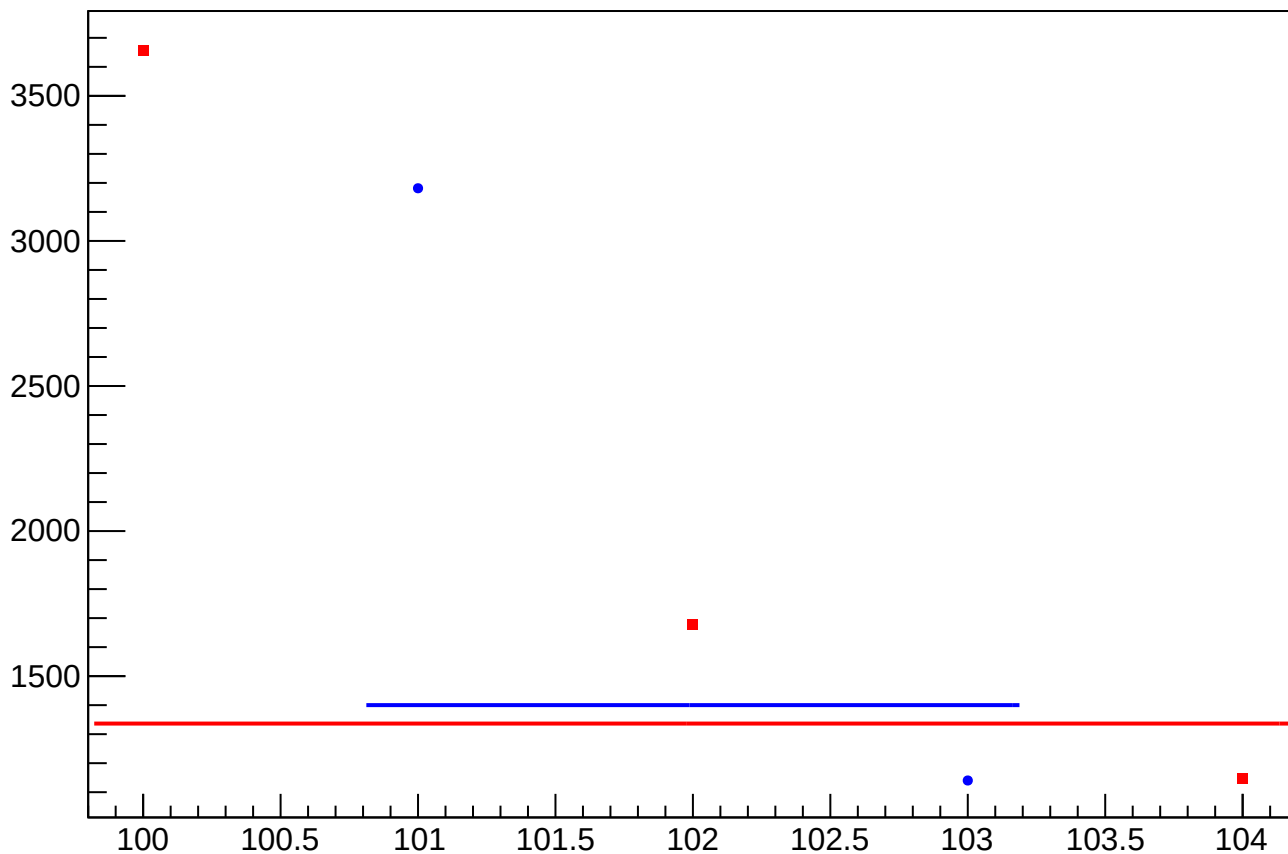
Right: -669.140+/-962.274 χ^2/NDF : 3.8/4

In: -331.207+/-1401.547 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -669.140+/-962.274 χ^2/NDF : 3.8/4

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: 1336.539+/-0.936 χ^2/NDF : 126667.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

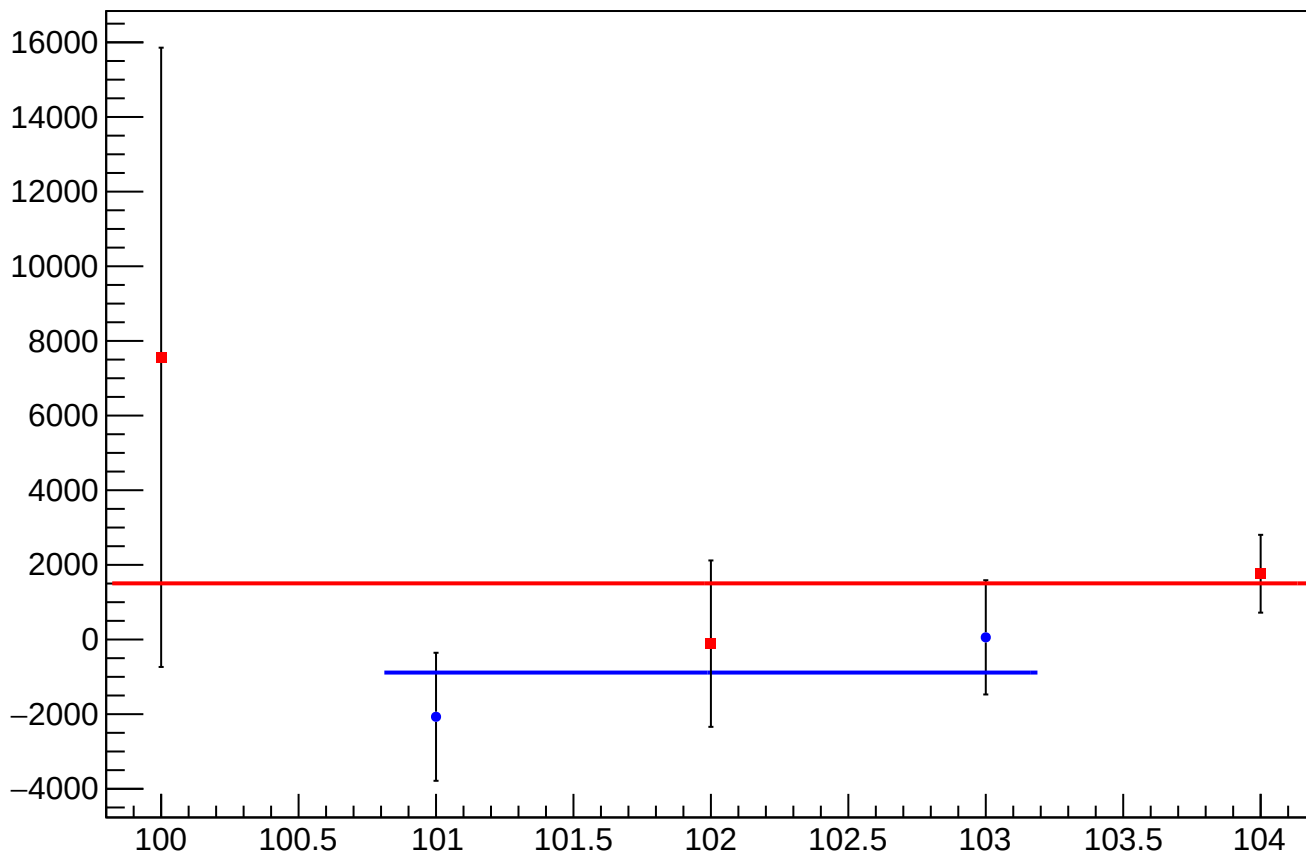
Right: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

In: 1400.114+/-0.991 χ^2/NDF : 471207.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.508+/-0.680 χ^2/NDF : 600050.6/4

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: 1504.589+/-938.230 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

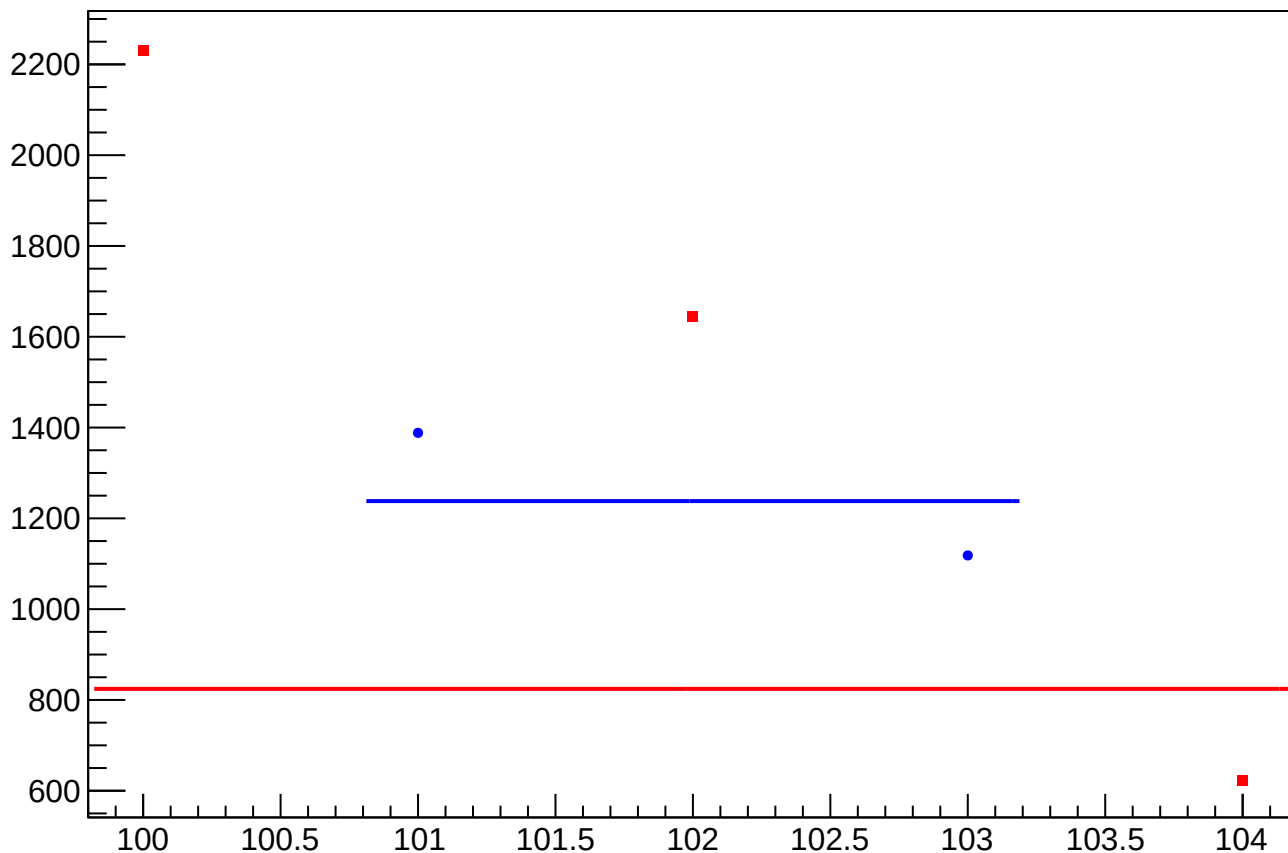
Right: 541.377+/-724.913 χ^2/NDF : 4.6/4

In: -885.348+/-1141.874 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.377+/-724.913 χ^2/NDF : 4.6/4

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: 824.396+/-0.663 χ^2/NDF : 403673.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

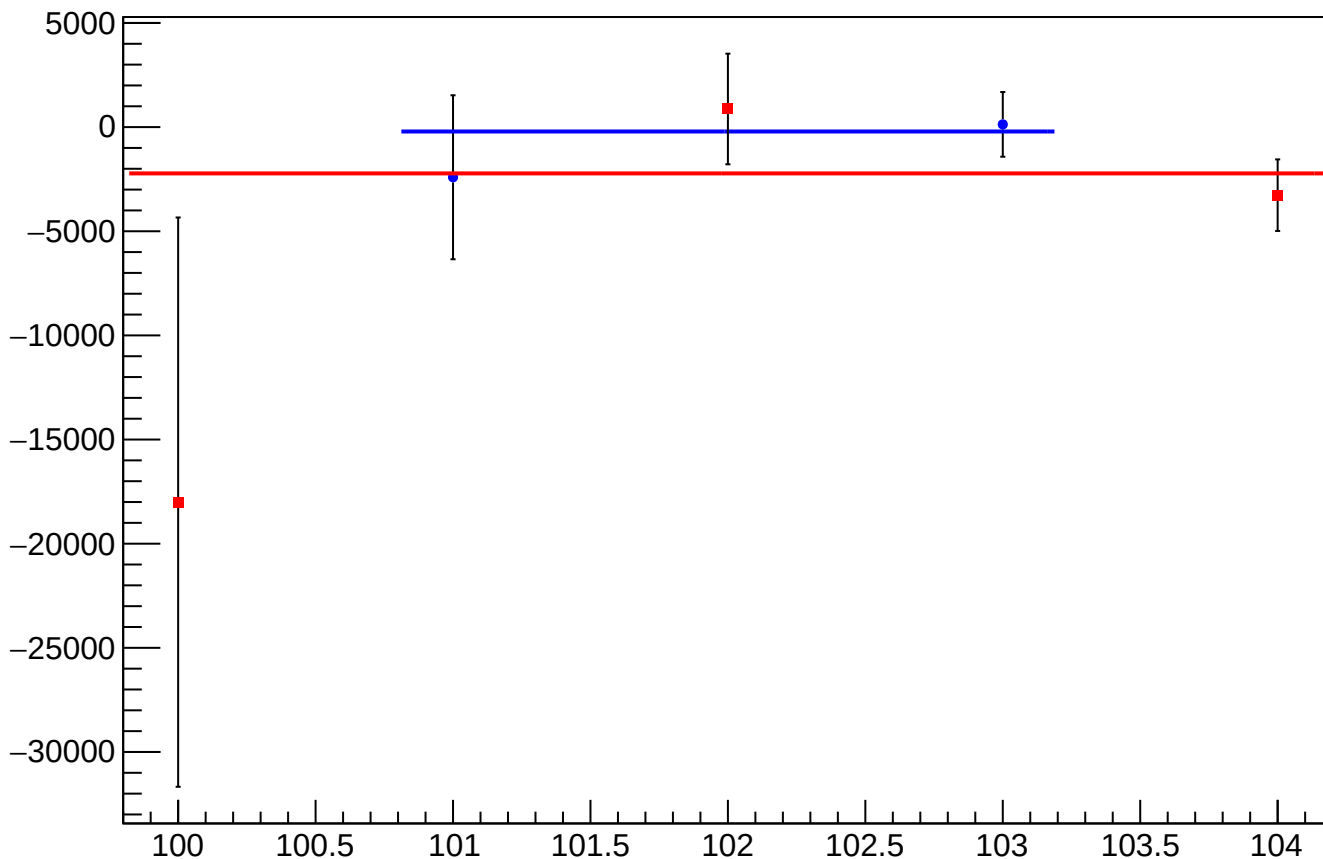
Right: 991.103+/-0.513 χ^2/NDF : 587949.5/4

In: 1238.033+/-0.807 χ^2/NDF : 27606.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.103+/-0.513 χ^2/NDF : 587949.5/4

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: -2222.639+/-1434.284 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

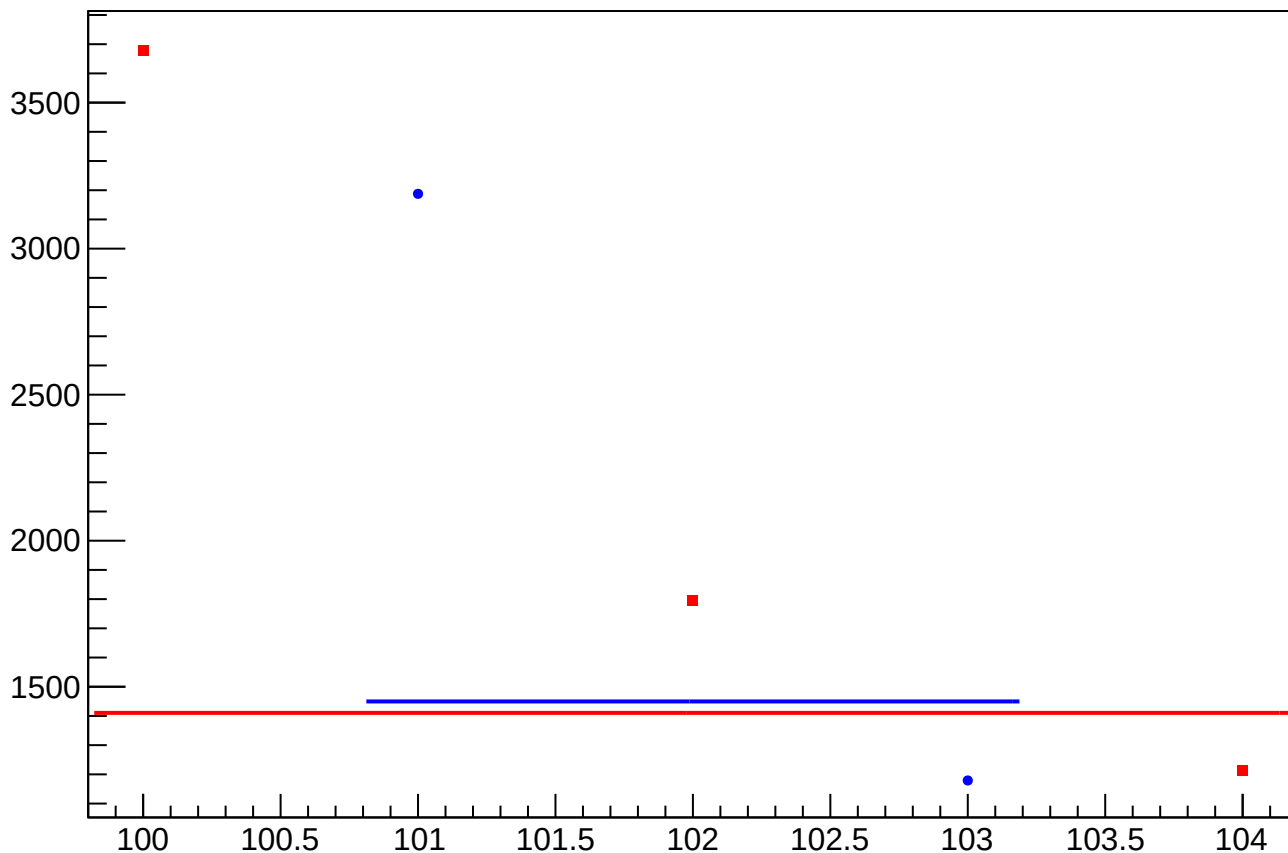
Right: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

In: -210.458+/-1444.750 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

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: 1410.526+/-1.014 χ^2/NDF : 123185.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

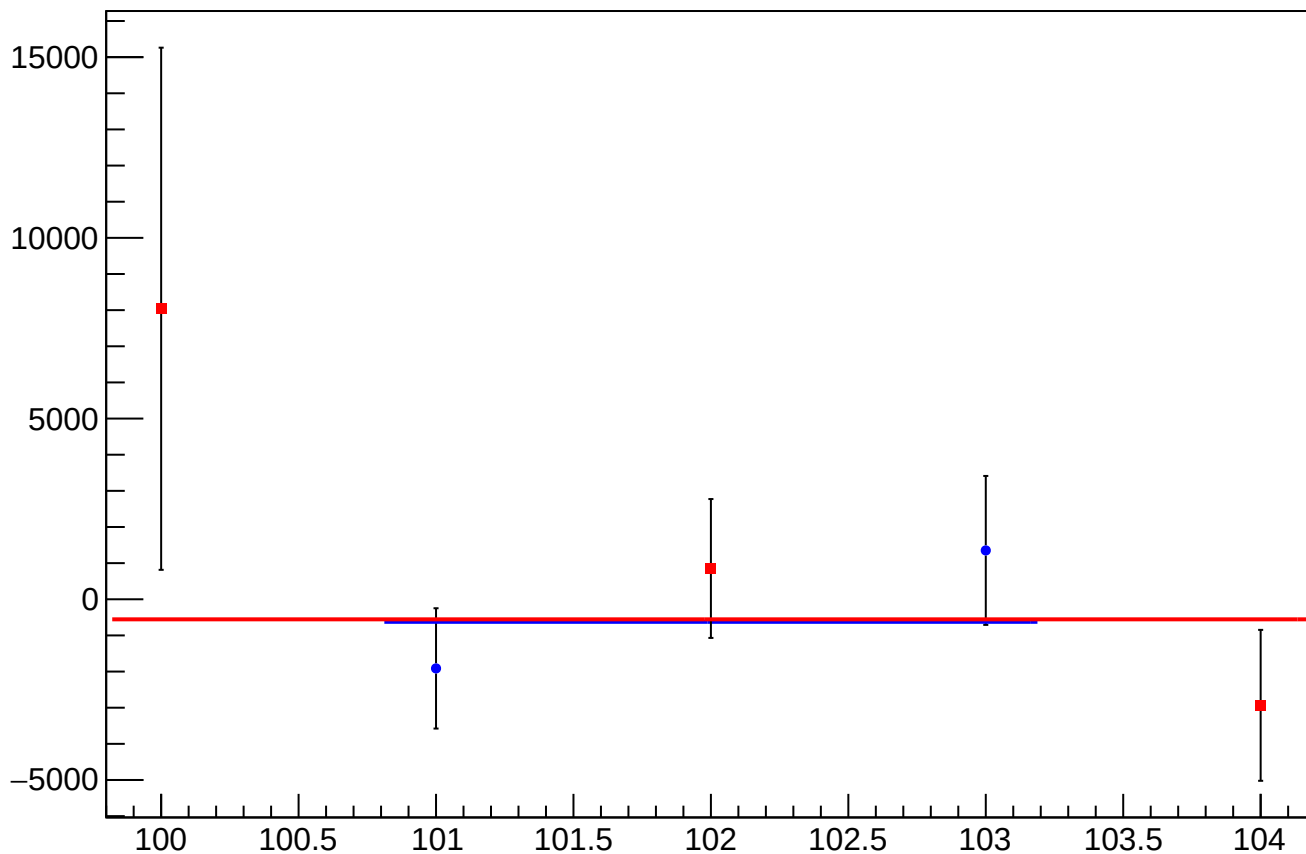
Right: 1429.946+/-0.720 χ^2/NDF : 574560.1/4

In: 1449.650+/-1.022 χ^2/NDF : 450635.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.946+/-0.720 χ^2/NDF : 574560.1/4

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: -555.011+/-1387.456 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

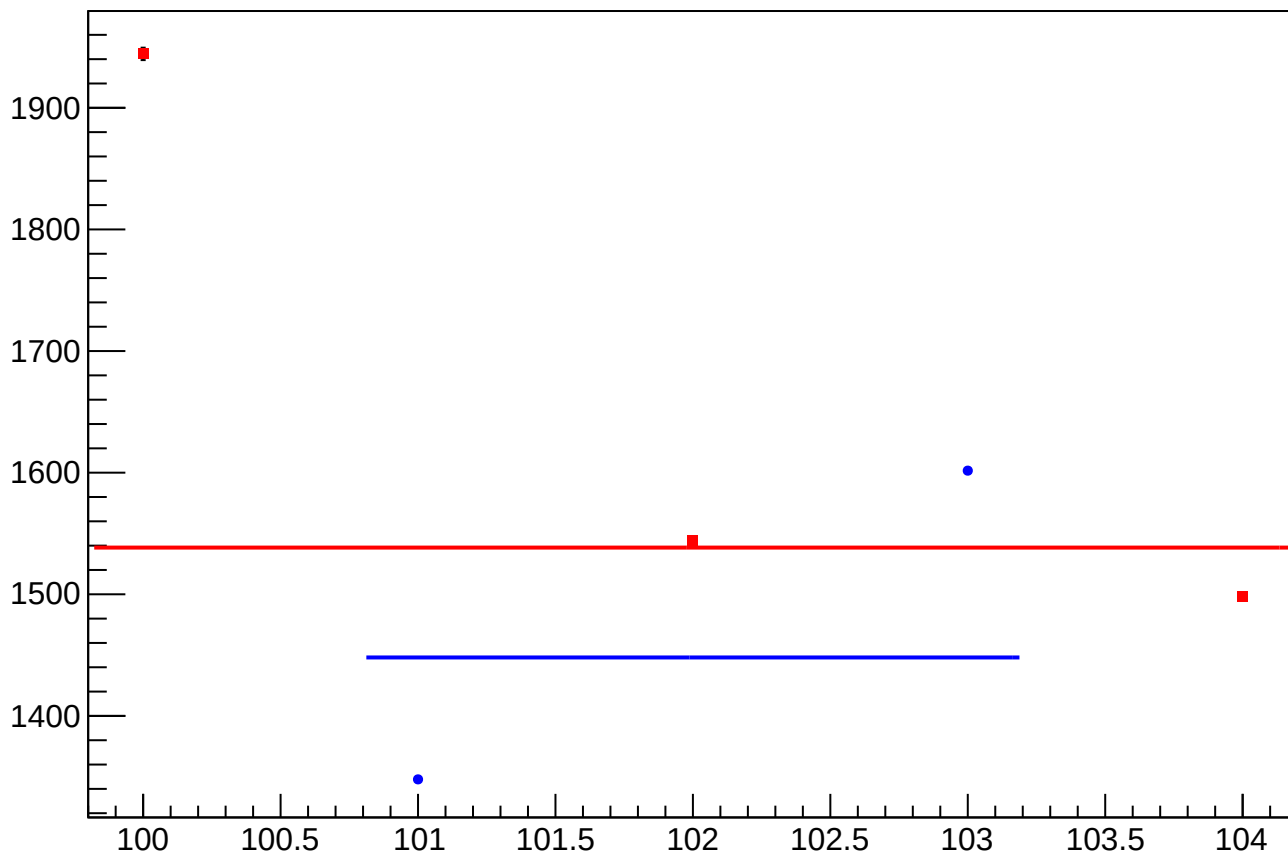
Right: -591.651+/-946.636 χ^2/NDF : 4.8/4

In: -623.563+/-1294.831 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.651+/-946.636 χ^2/NDF : 4.8/4

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.402+/-0.981 χ^2/NDF : 7082.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

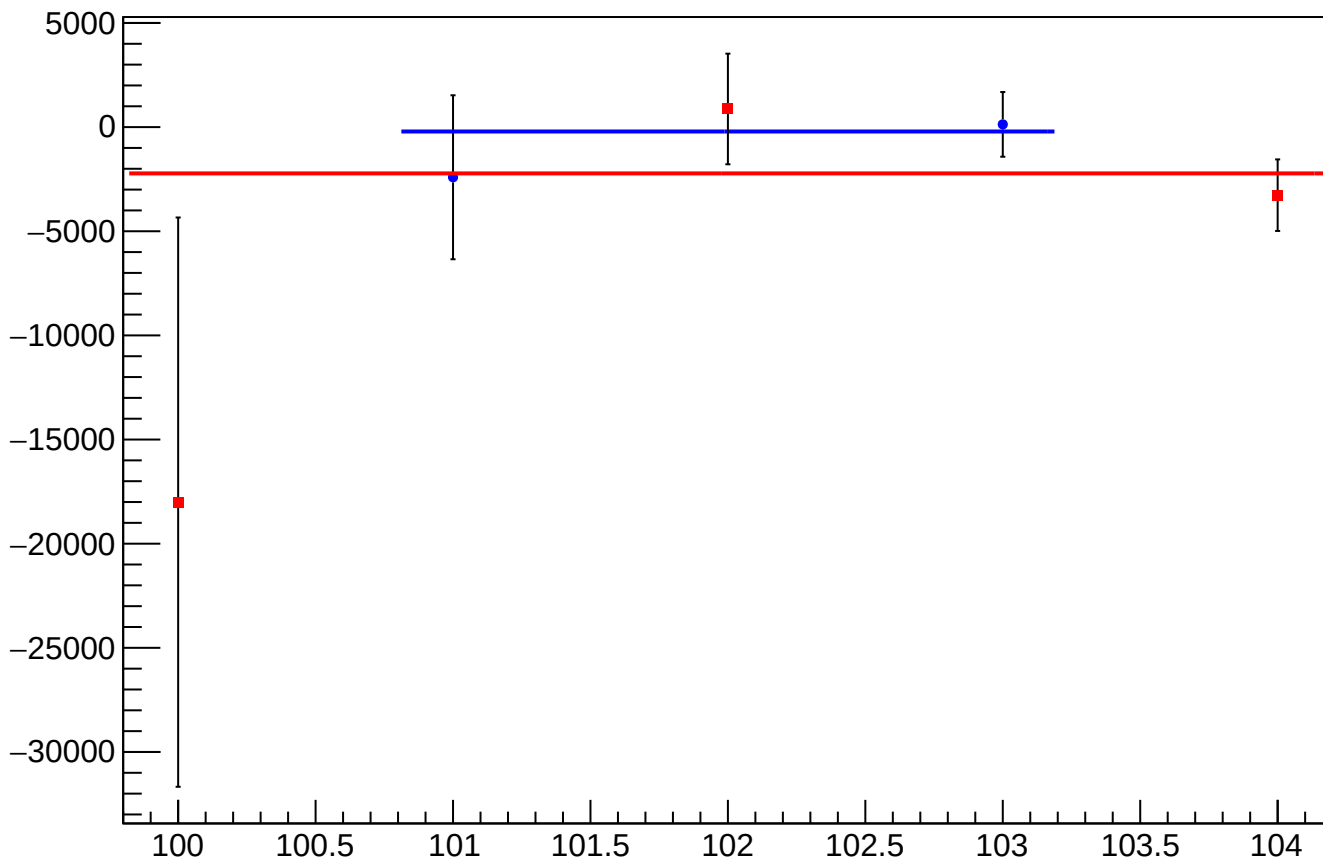
Right: 1490.115+/-0.669 χ^2/NDF : 29982.4/4

In: 1448.059+/-0.916 χ^2/NDF : 18367.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.115+/-0.669 χ^2/NDF : 29982.4/4

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: -2222.642+/-1434.284 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

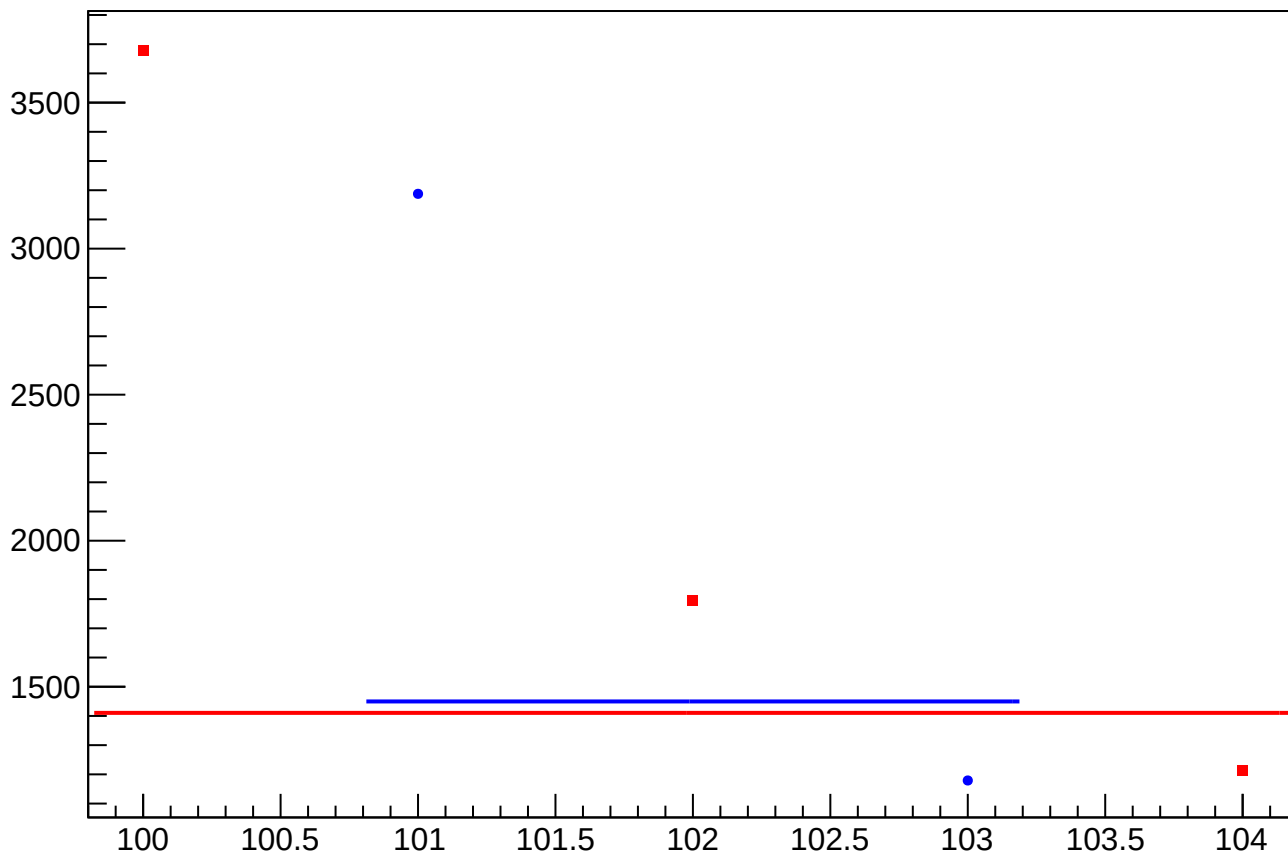
Right: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

In: -210.457+/-1444.751 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1223.864+/-1017.872 χ^2/NDF : 4.4/4

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: 1410.527+/-1.014 χ^2/NDF : 123185.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

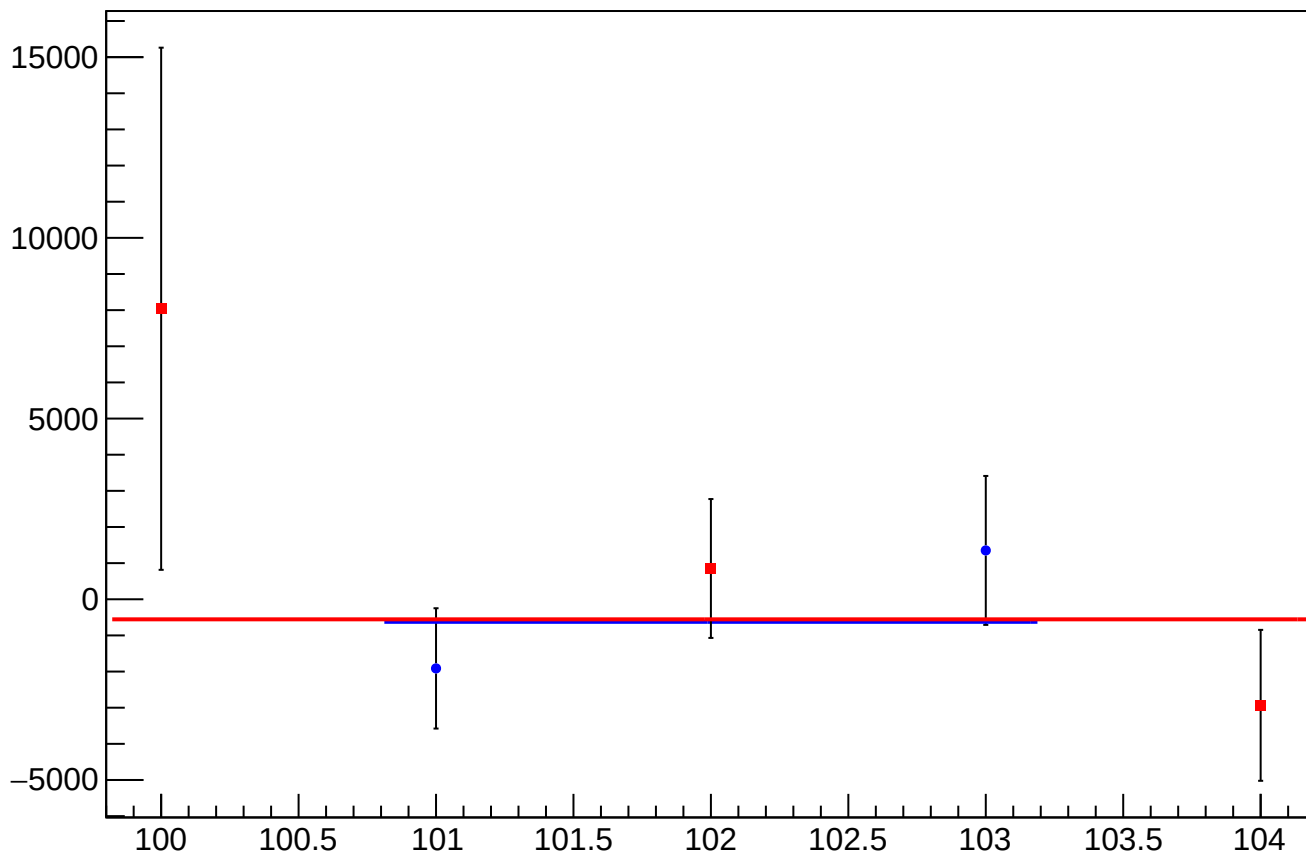
Right: 1429.946+/-0.720 χ^2/NDF : 574559.9/4

In: 1449.650+/-1.022 χ^2/NDF : 450635.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1429.946+/-0.720 χ^2/NDF : 574559.9/4

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: -555.010+/-1387.456 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

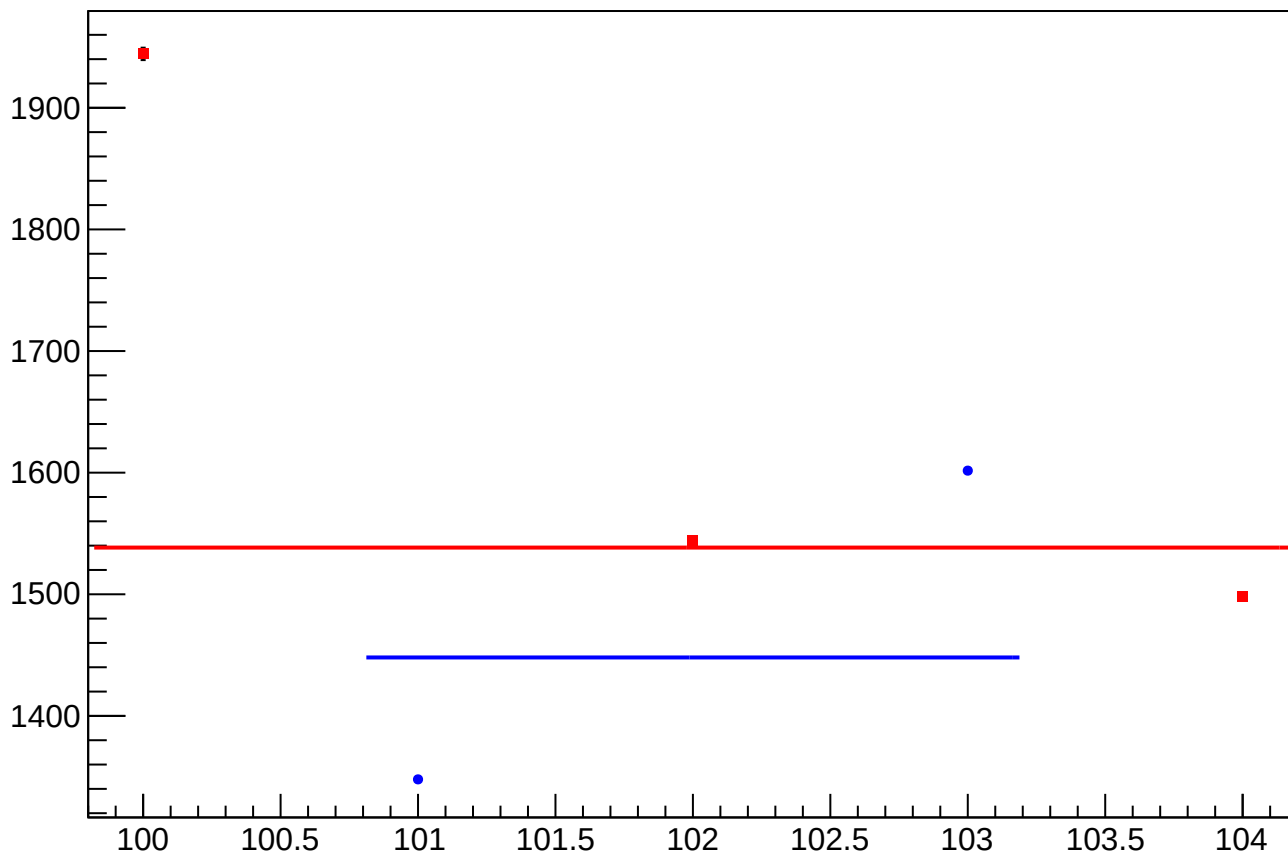
Right: -591.649+/-946.636 χ^2/NDF : 4.8/4

In: -623.558+/-1294.829 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -591.649+/-946.636 χ^2/NDF : 4.8/4

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: 1538.403+/-0.981 χ^2/NDF : 7082.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

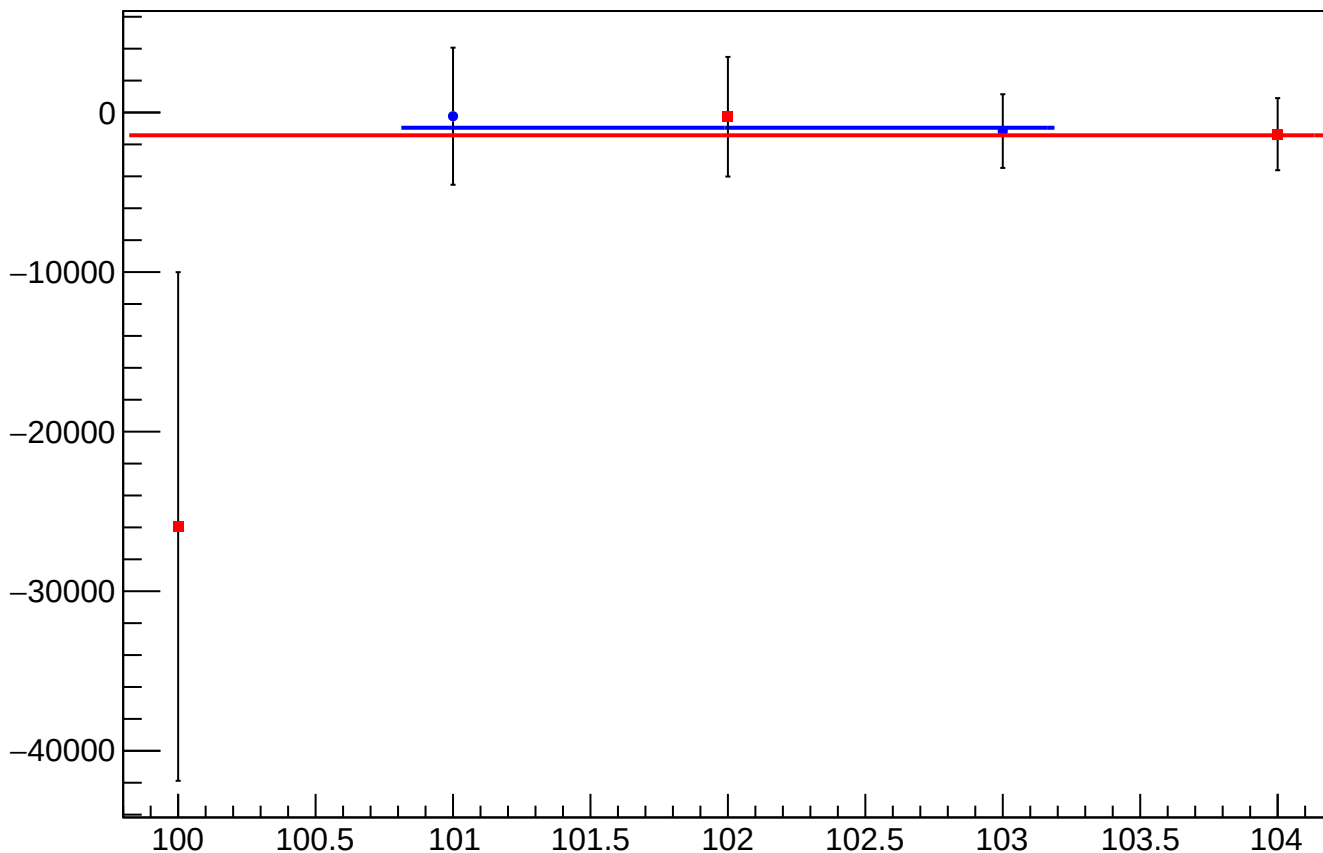
Right: 1490.114+/-0.669 χ^2/NDF : 29983.1/4

In: 1448.057+/-0.916 χ^2/NDF : 18367.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.114+/-0.669 χ^2/NDF : 29983.1/4

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: -1428.108+/-1921.002 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

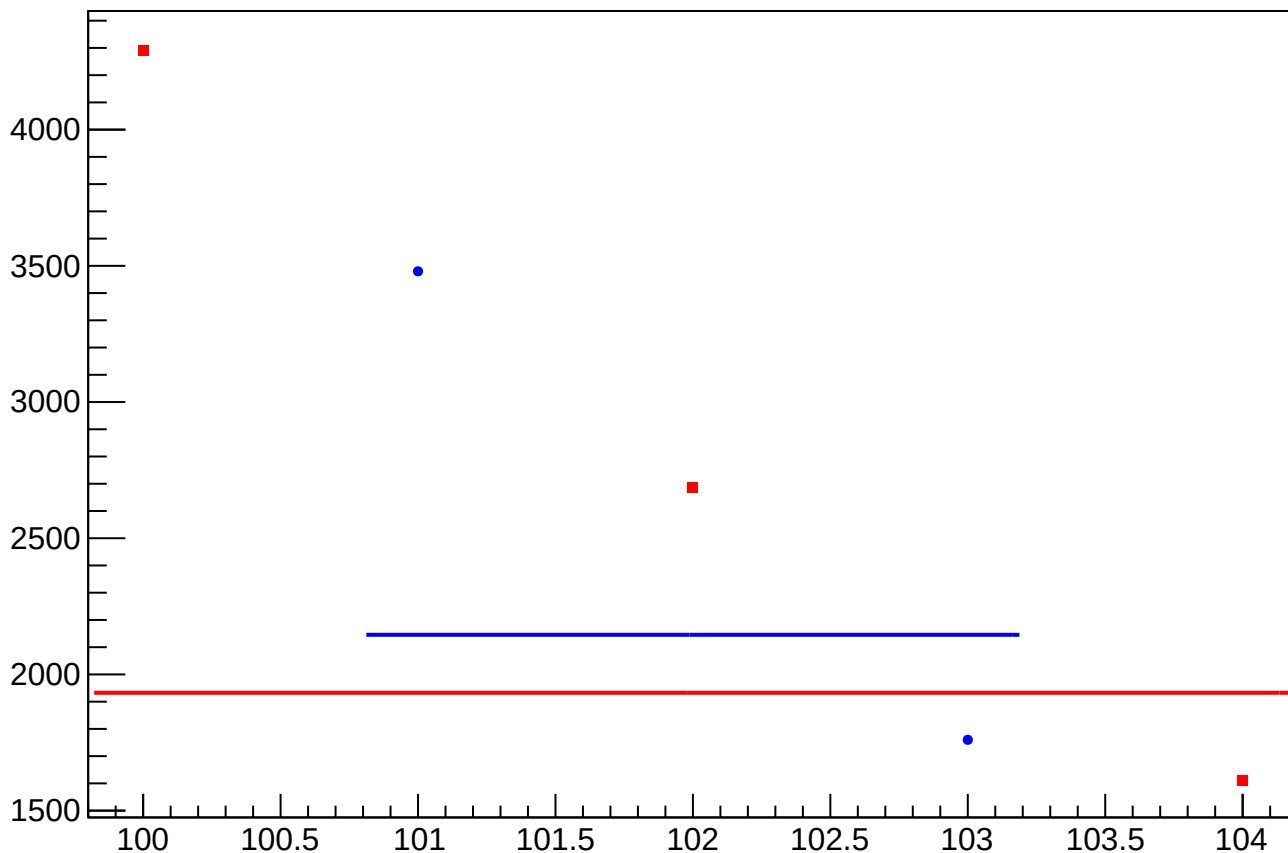
Right: -1205.370+/-1396.486 χ^2/NDF : 2.5/4

In: -955.739+/-2033.669 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1205.370+/-1396.486 χ^2/NDF : 2.5/4

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: 1932.564+/-1.358 χ^2/NDF : 165223.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

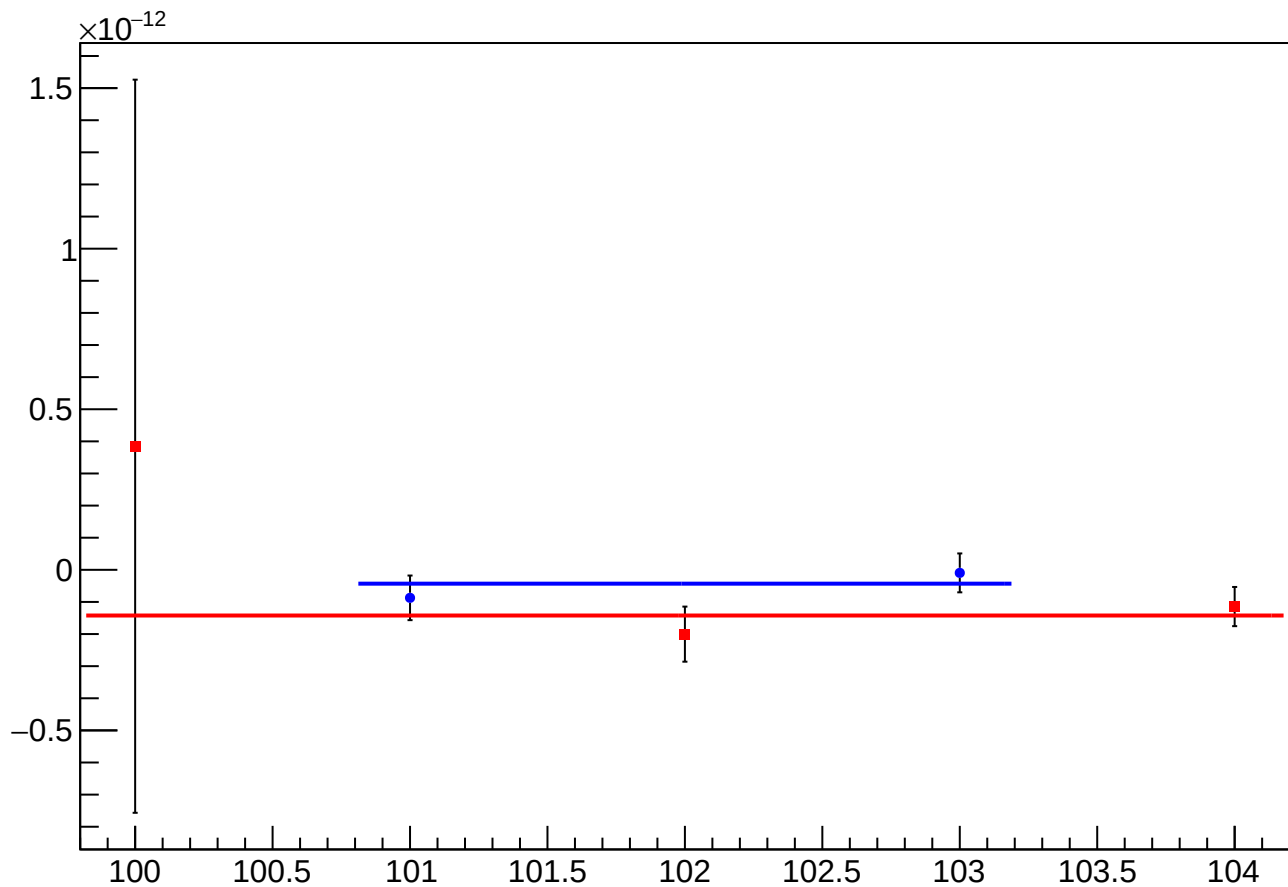
Right: 2032.951+/-0.987 χ^2/NDF : 425576.8/4

In: 2145.456+/-1.438 χ^2/NDF : 248770.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2032.951+/-0.987 χ^2/NDF : 425576.8/4

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

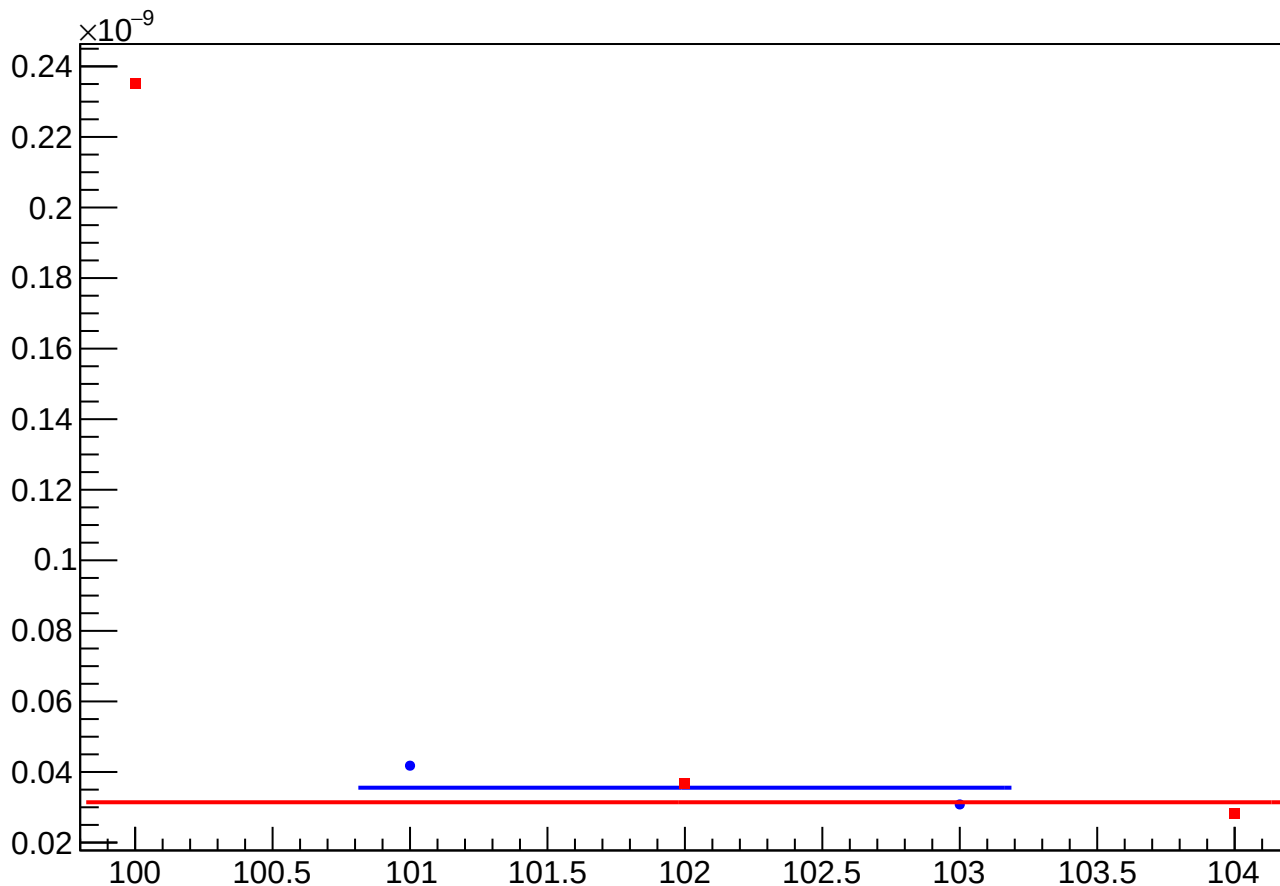
Right: -0.000+/-0.000 χ^2/NDF : 3.8/4

In: -0.000+/-0.000 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 76732.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

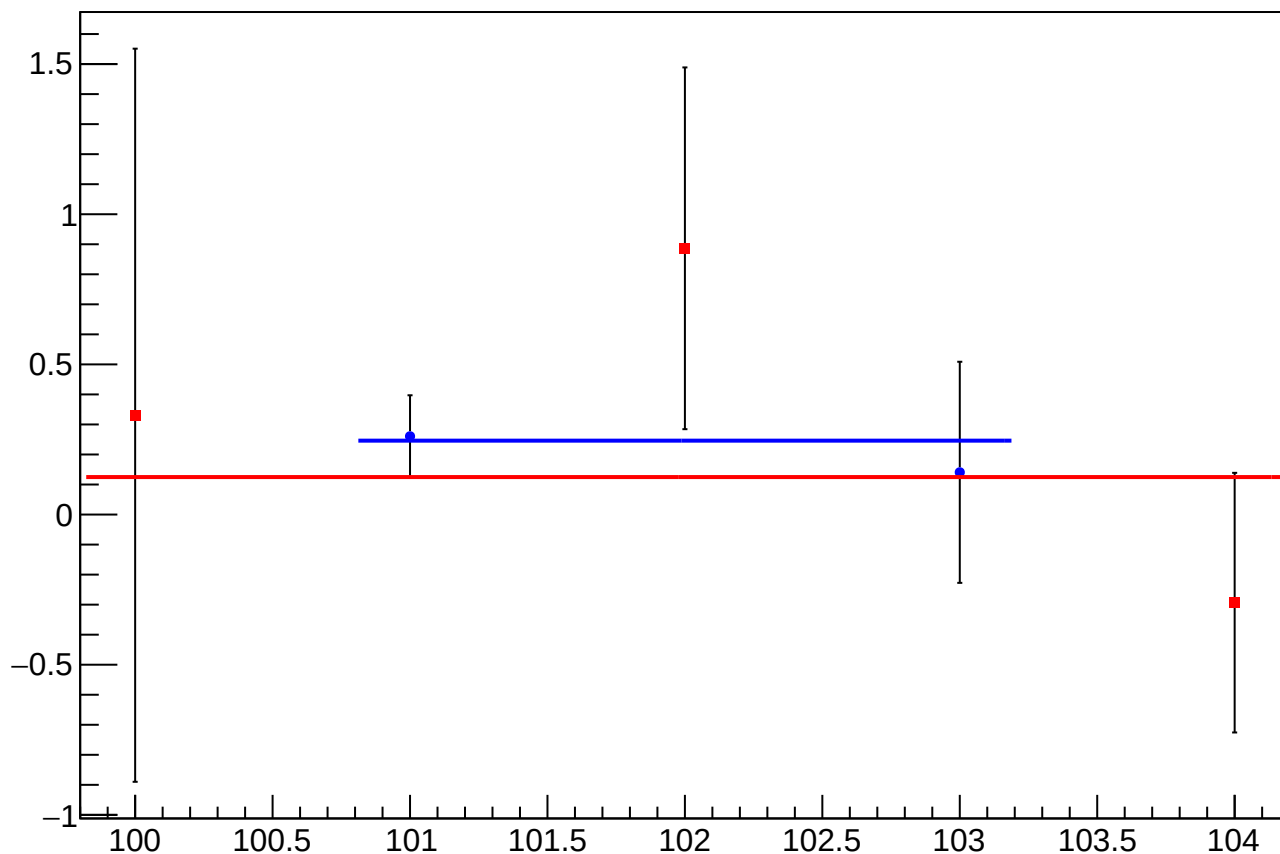
Right: 0.000+/-0.000 χ^2/NDF : 112644.9/4

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 : 112644.9/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

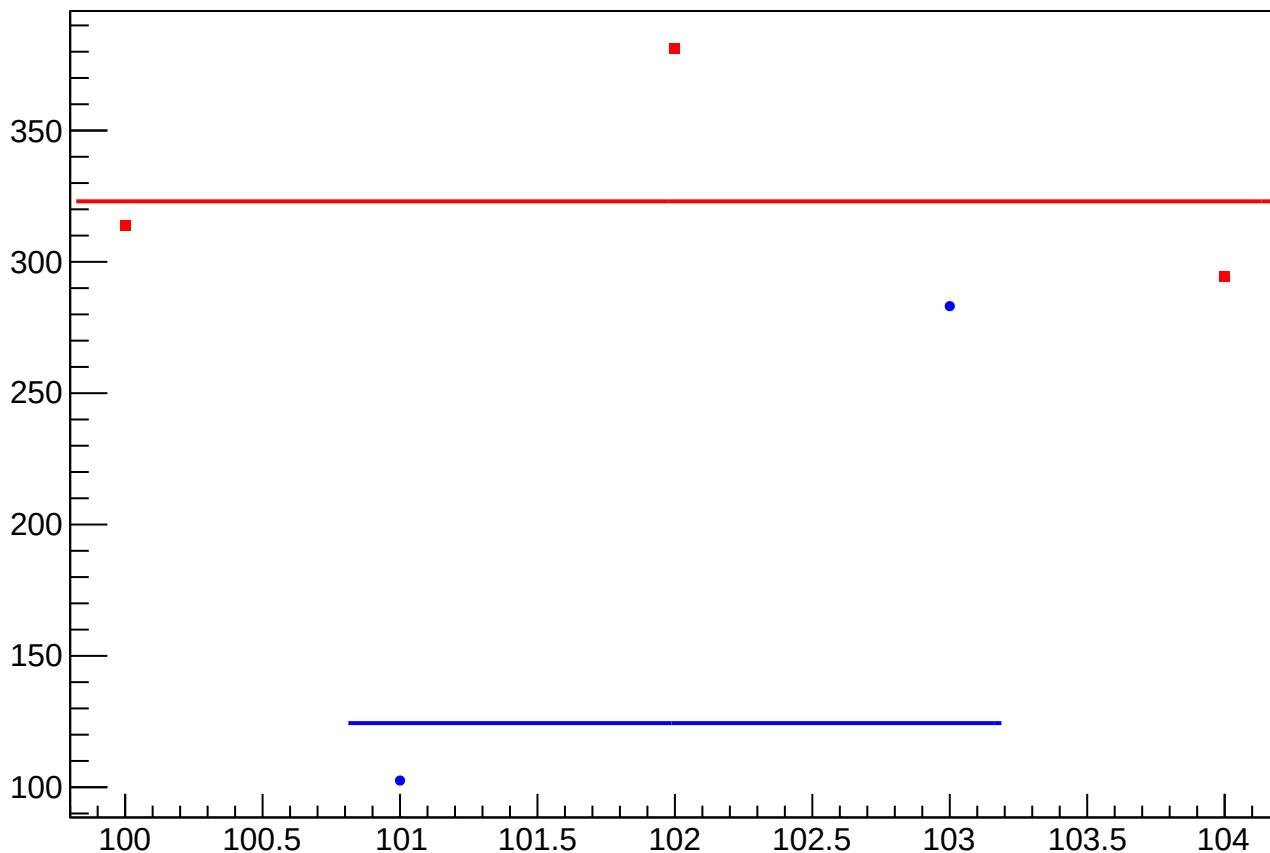
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 124.404 $\pm$ 0.091 χ^2 /NDF: 423134.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 323.038 $\pm$ 0.239 χ^2 /NDF: 27555.0/2

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

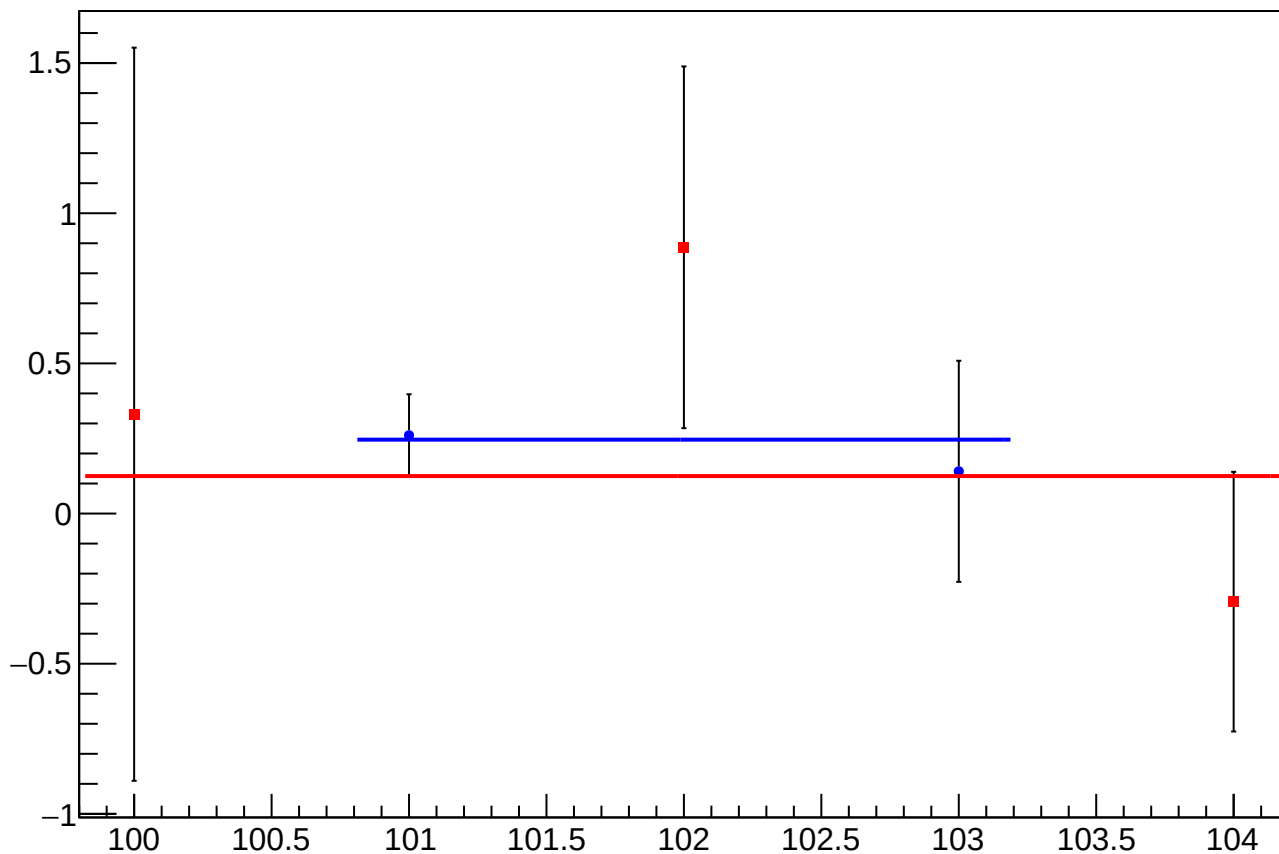
Right: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

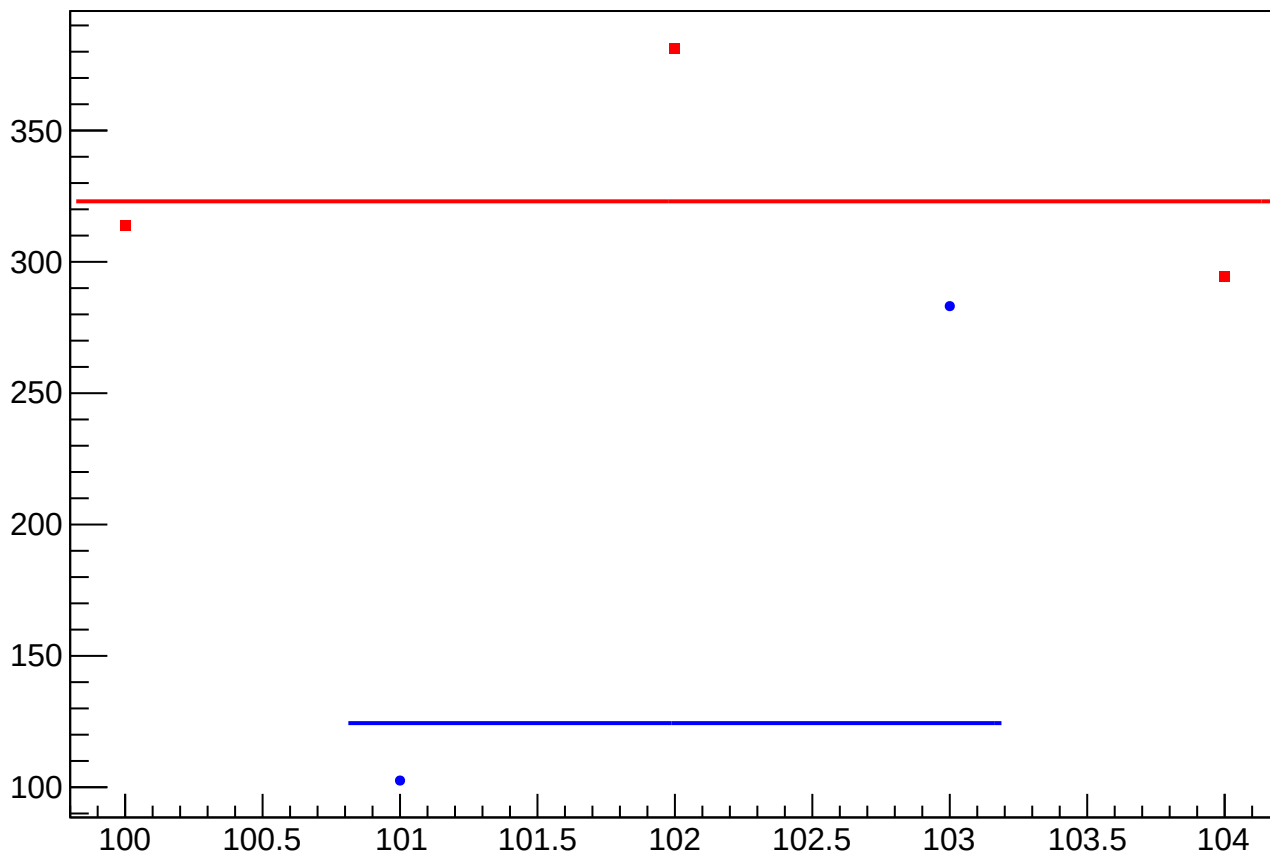
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 323.038 $\pm$ 0.239 χ^2 /NDF: 27555.0/2

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

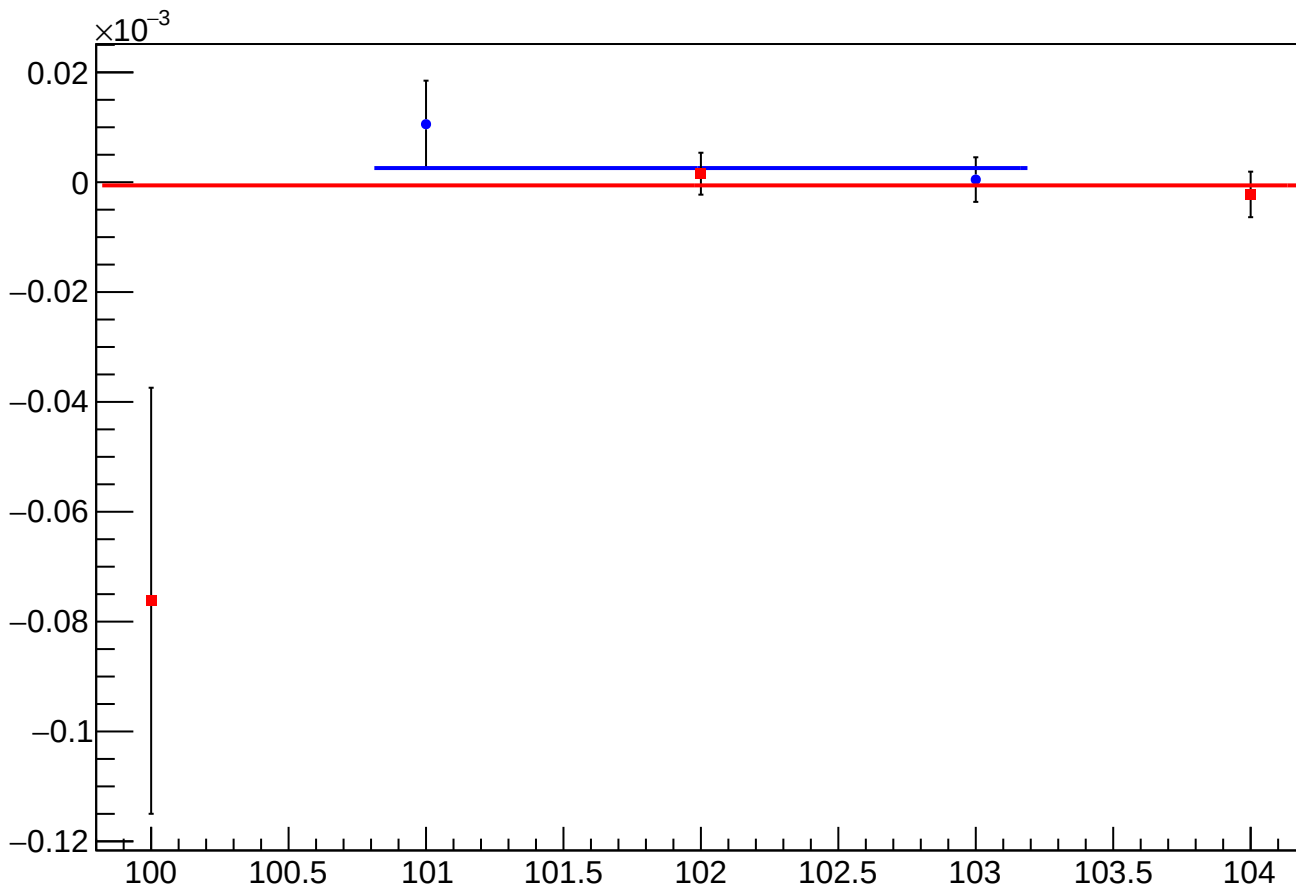
Right: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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: 149.407 $\pm$ 0.085 χ^2 /NDF: 1056315.5/4

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 : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

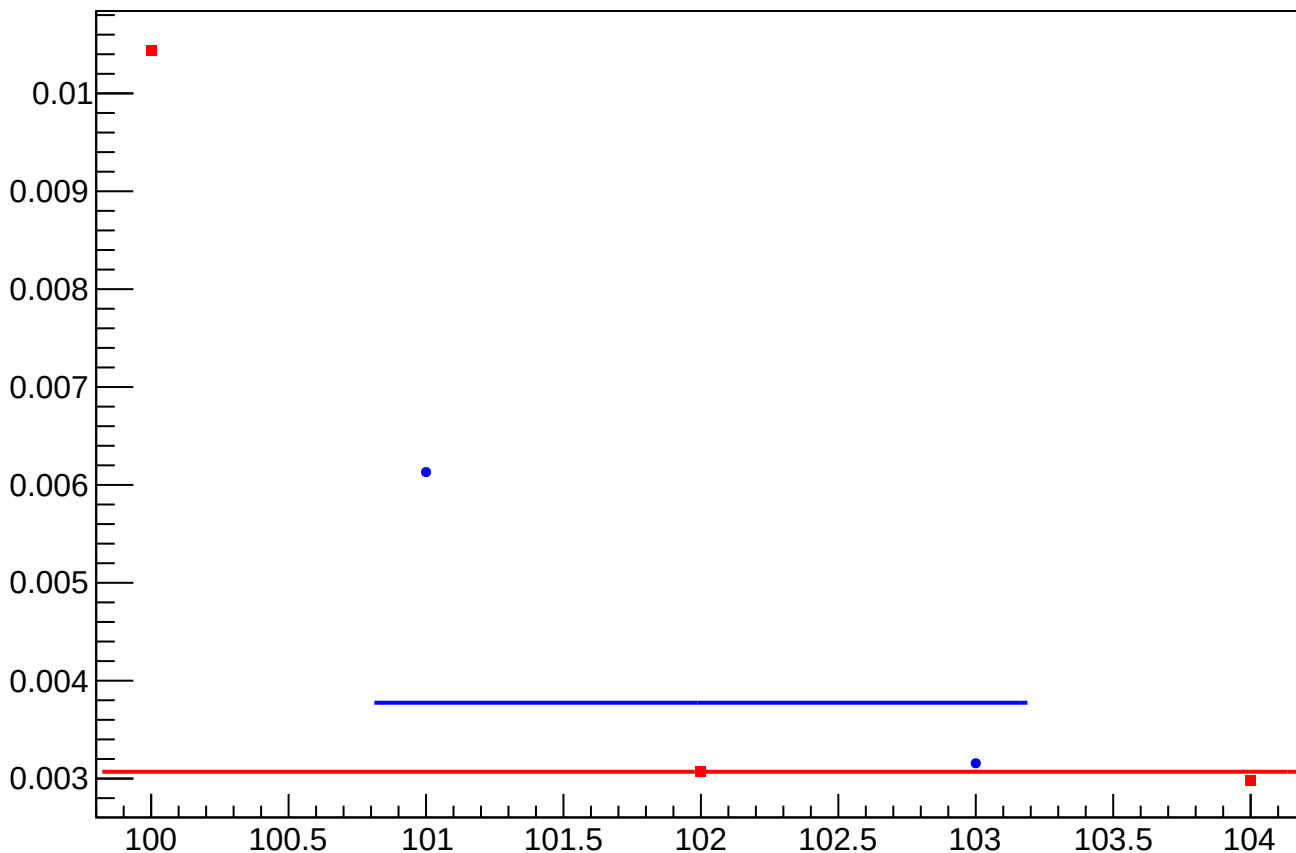
Right: 0.000+/-0.000 χ^2/NDF : 6.0/4

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 : 6.0/4

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 : 73151.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

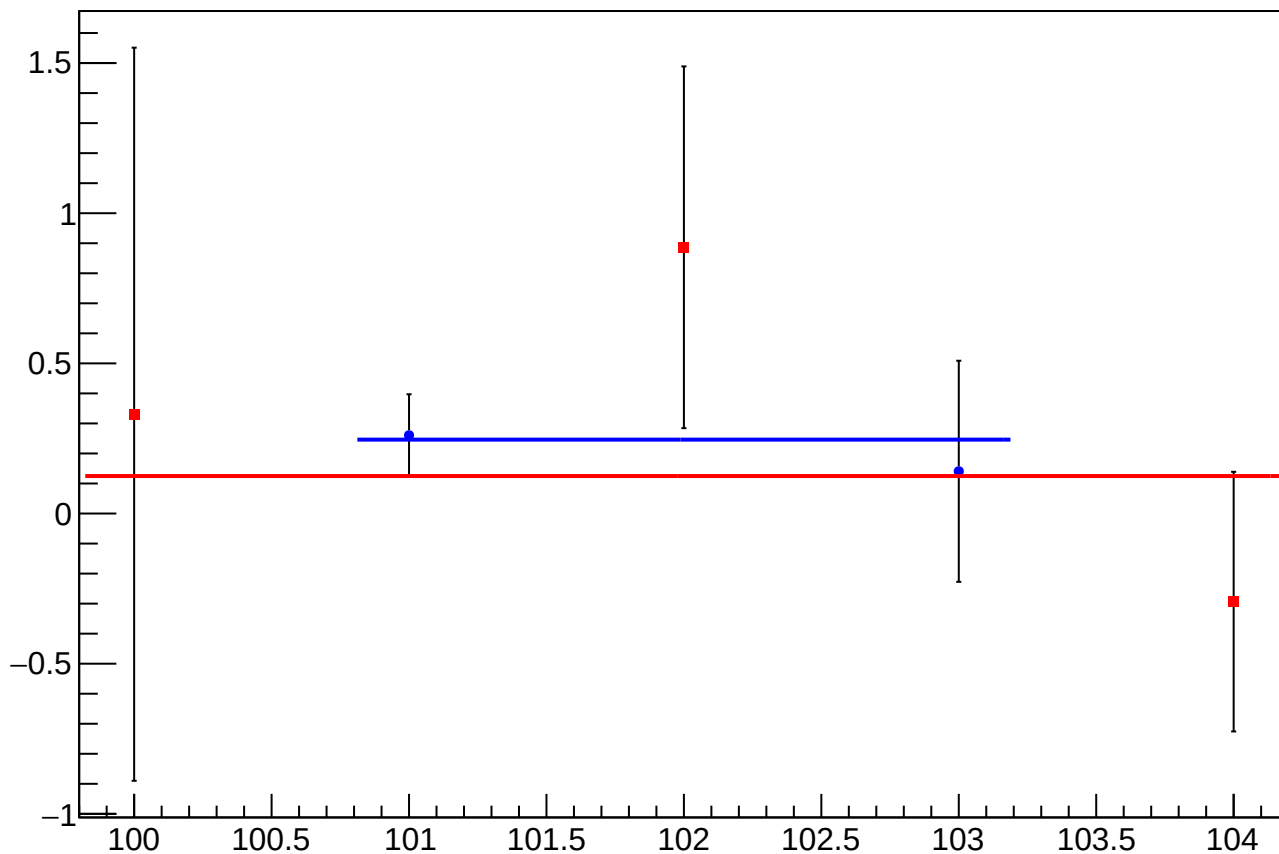
Right: 0.003+/-0.000 χ^2/NDF : 344023.4/4

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 : 344023.4/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

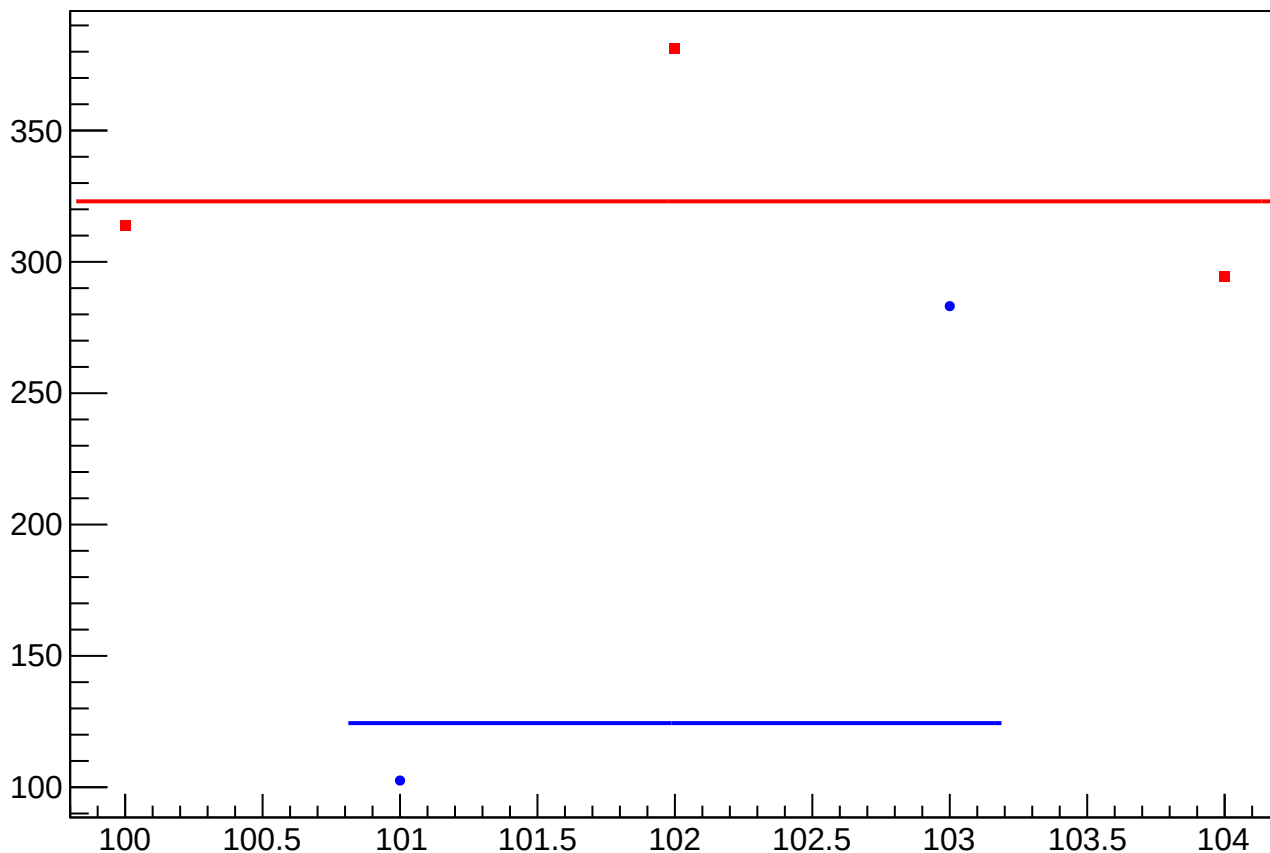
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 323.040 $\pm$ 0.239 χ^2 /NDF: 27555.3/2

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

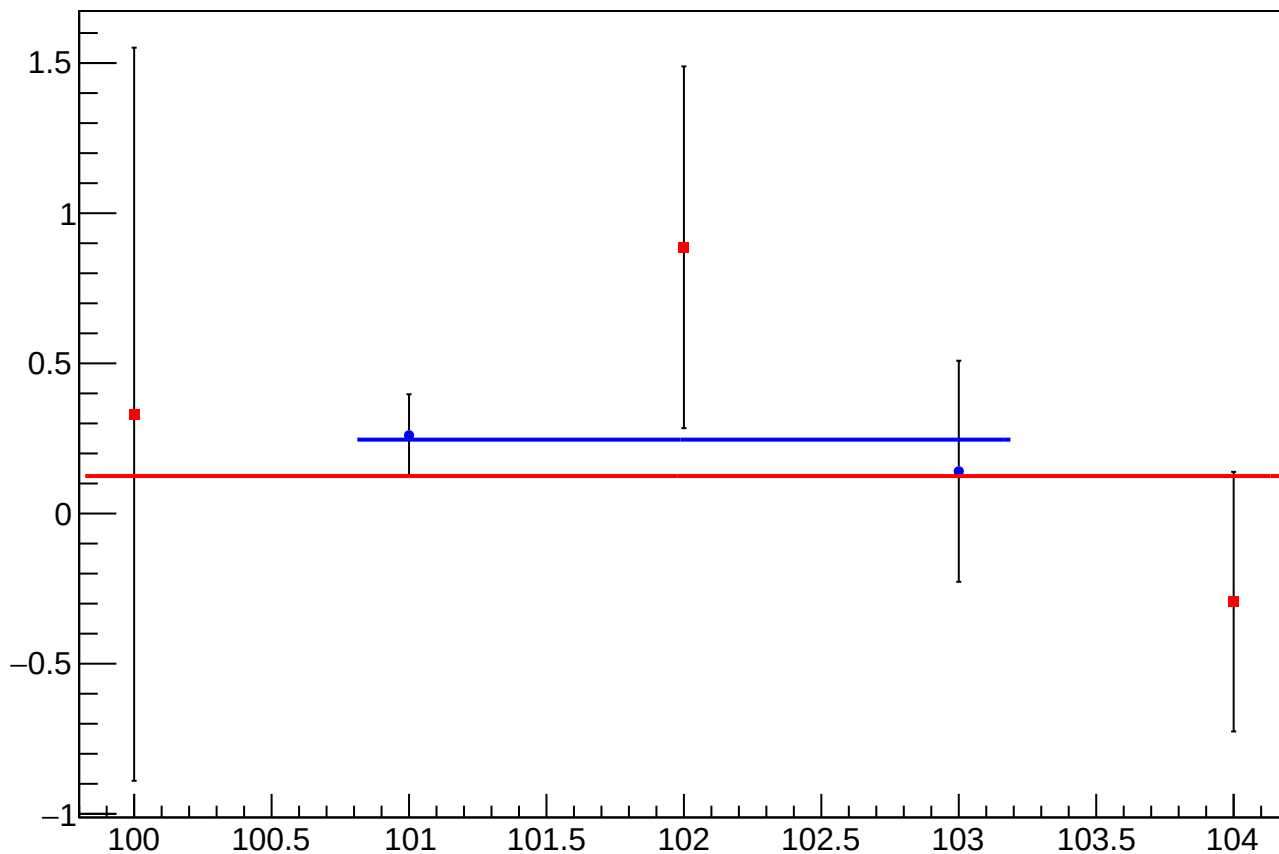
Right: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 0.125 $\pm$ 0.337 χ^2 /NDF: 2.6/2

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

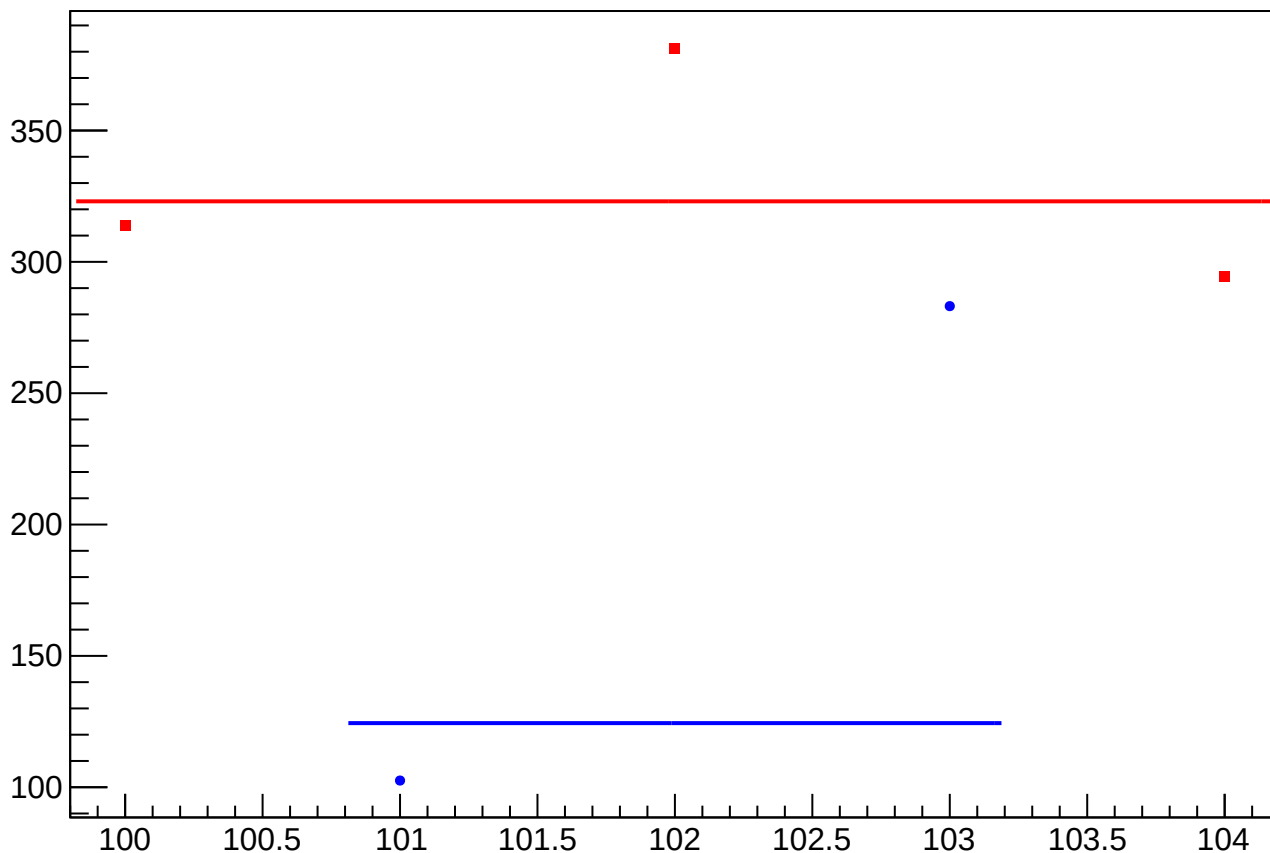
Right: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

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: 0.231 $\pm$ 0.120 χ^2 /NDF: 2.8/4

asym_atl1r2_dd_atl2r1_dd_avg_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: 323.040 $\pm$ 0.239 χ^2 /NDF: 27555.3/2

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

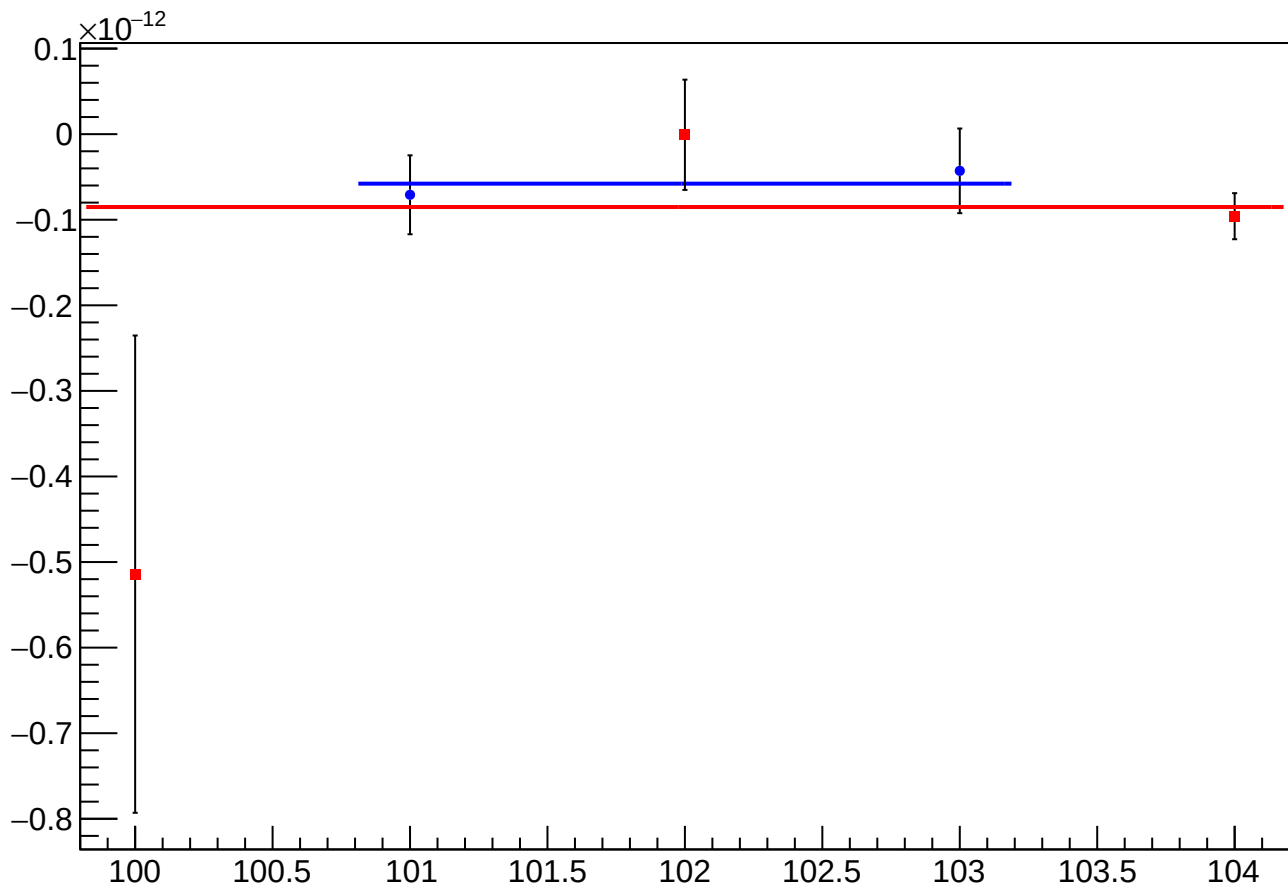
Right: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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: 149.409 $\pm$ 0.085 χ^2 /NDF: 1056304.2/4

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 : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

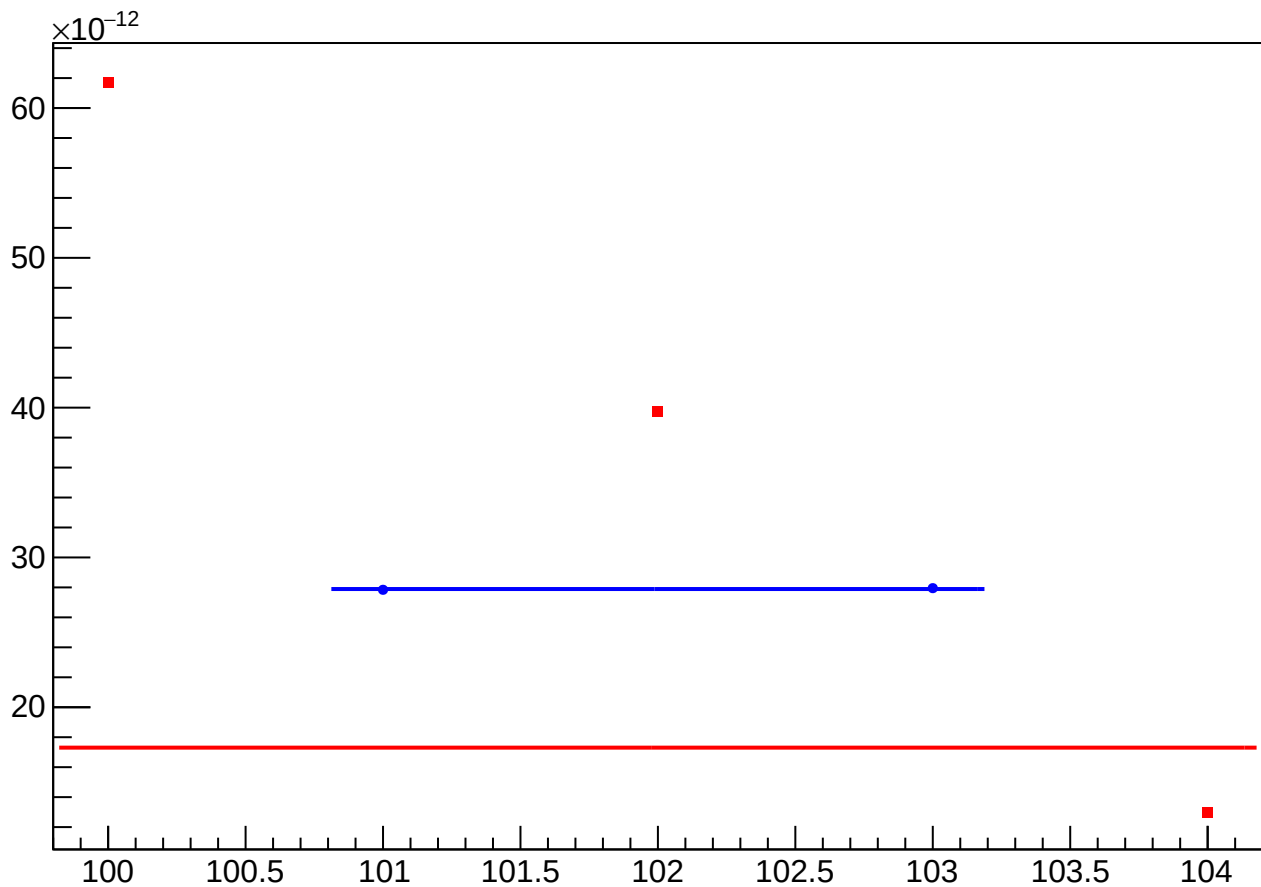
Right: -0.000+/-0.000 χ^2/NDF : 4.8/4

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 : 4.8/4

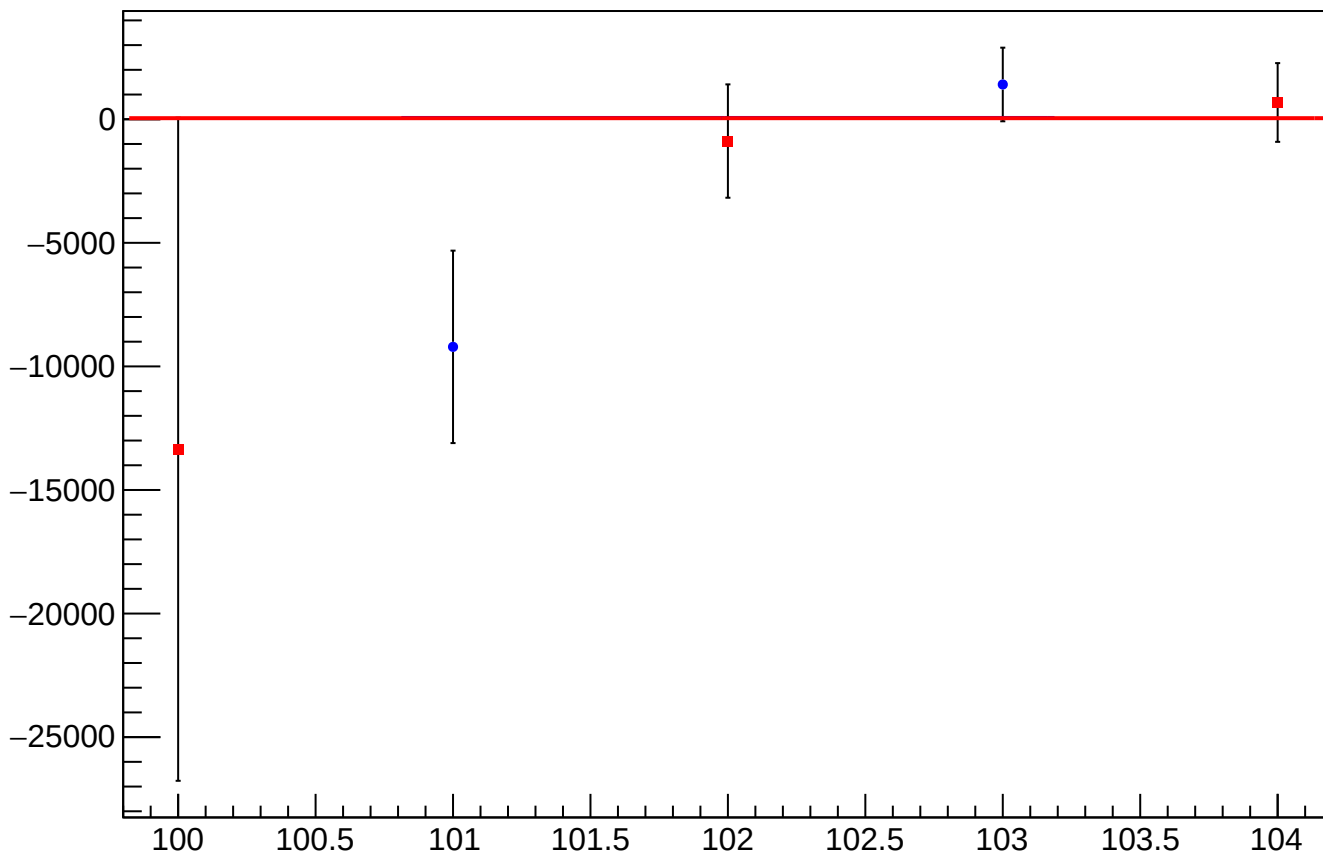
asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 345414.3/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 473588.9/4
 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 : 473588.9/4

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 51.748 $\pm$ 1391.036 χ^2 /NDF: 6.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.559 $\pm$ 1302.076 χ^2 /NDF: 1.3/2

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

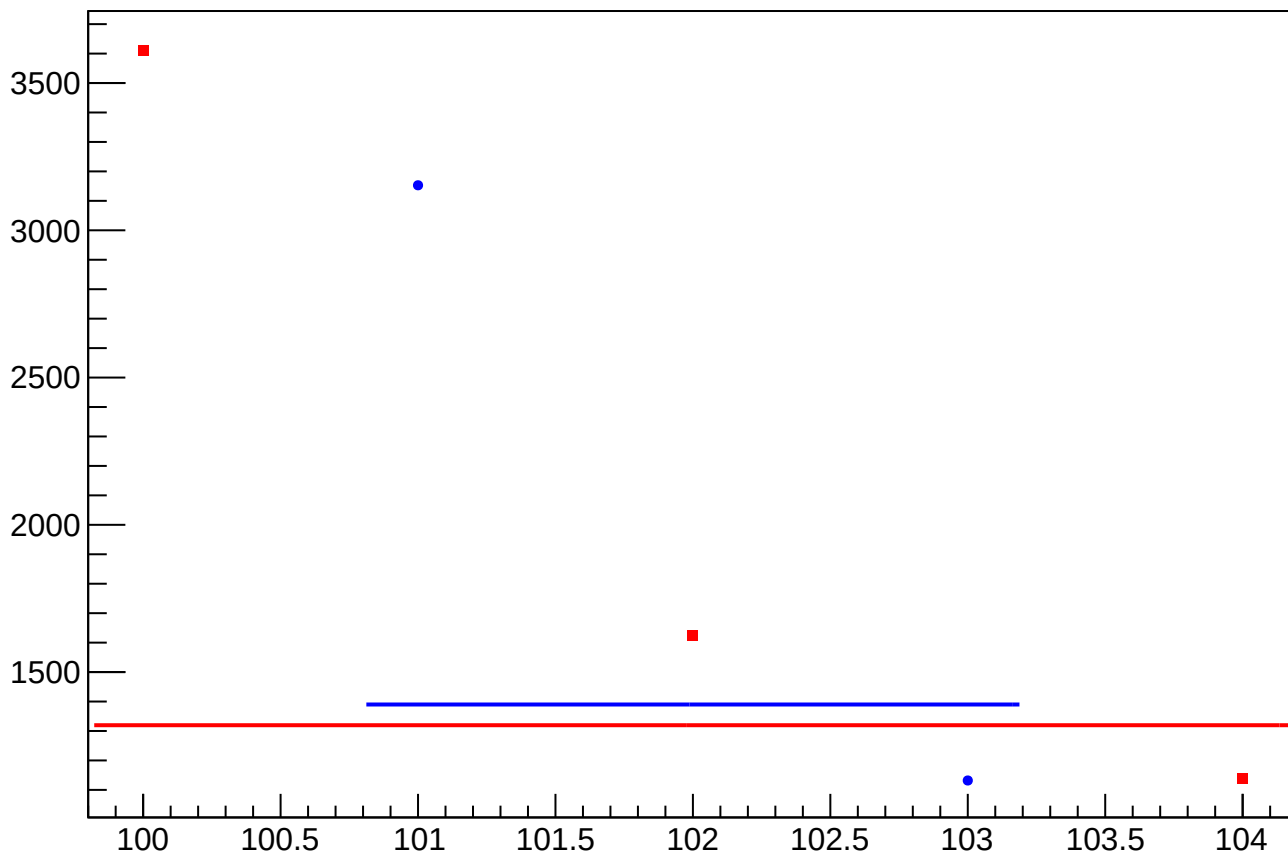
Right: 47.383 $\pm$ 950.601 χ^2 /NDF: 7.8/4

In: 51.748 $\pm$ 1391.036 χ^2 /NDF: 6.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.383 $\pm$ 950.601 χ^2 /NDF: 7.8/4

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1319.595+/-0.921 χ^2/NDF : 119003.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

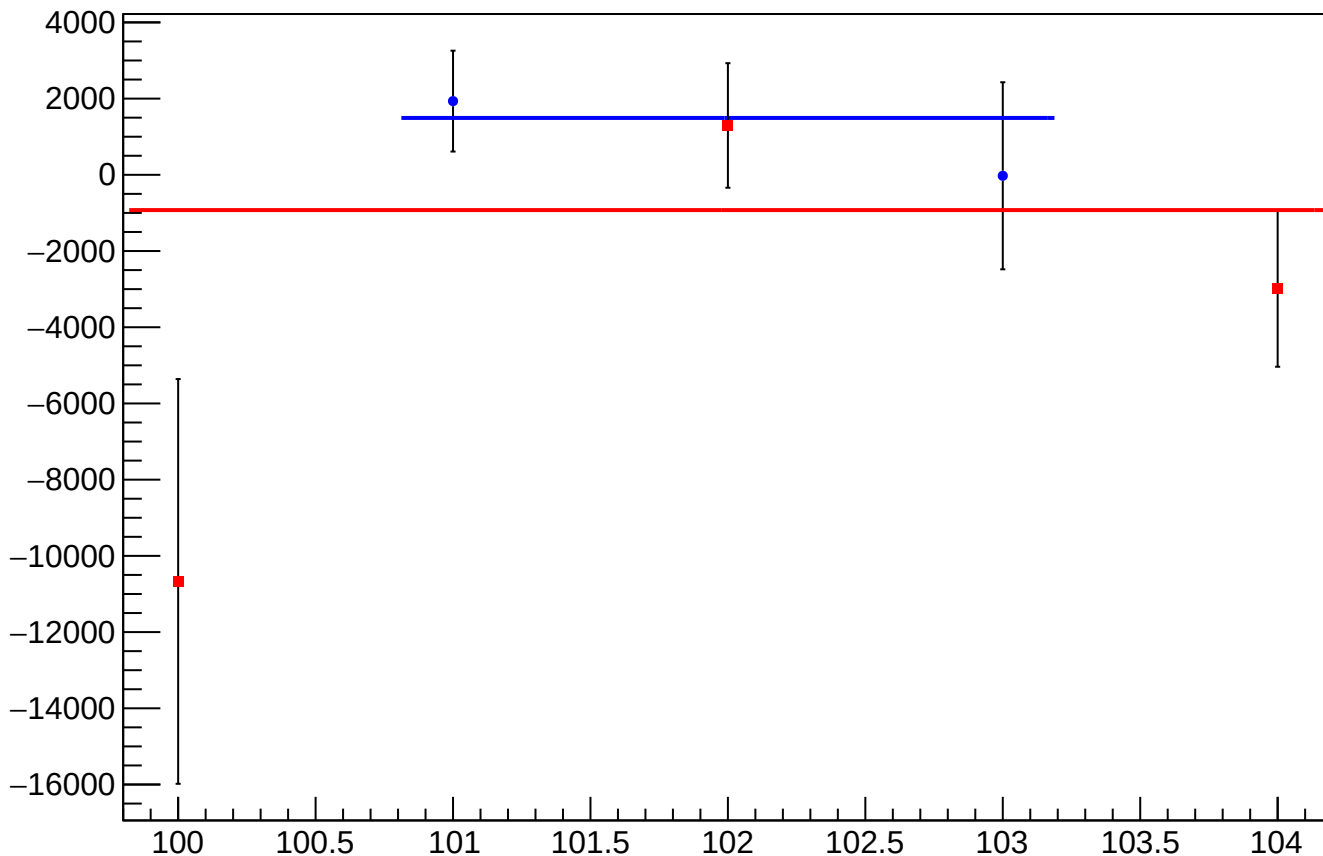
Right: 1352.442+/-0.672 χ^2/NDF : 591874.3/4

In: 1389.931+/-0.984 χ^2/NDF : 470145.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.442+/-0.672 χ^2/NDF : 591874.3/4

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -925.491+/-1243.971 χ^2/NDF : 6.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

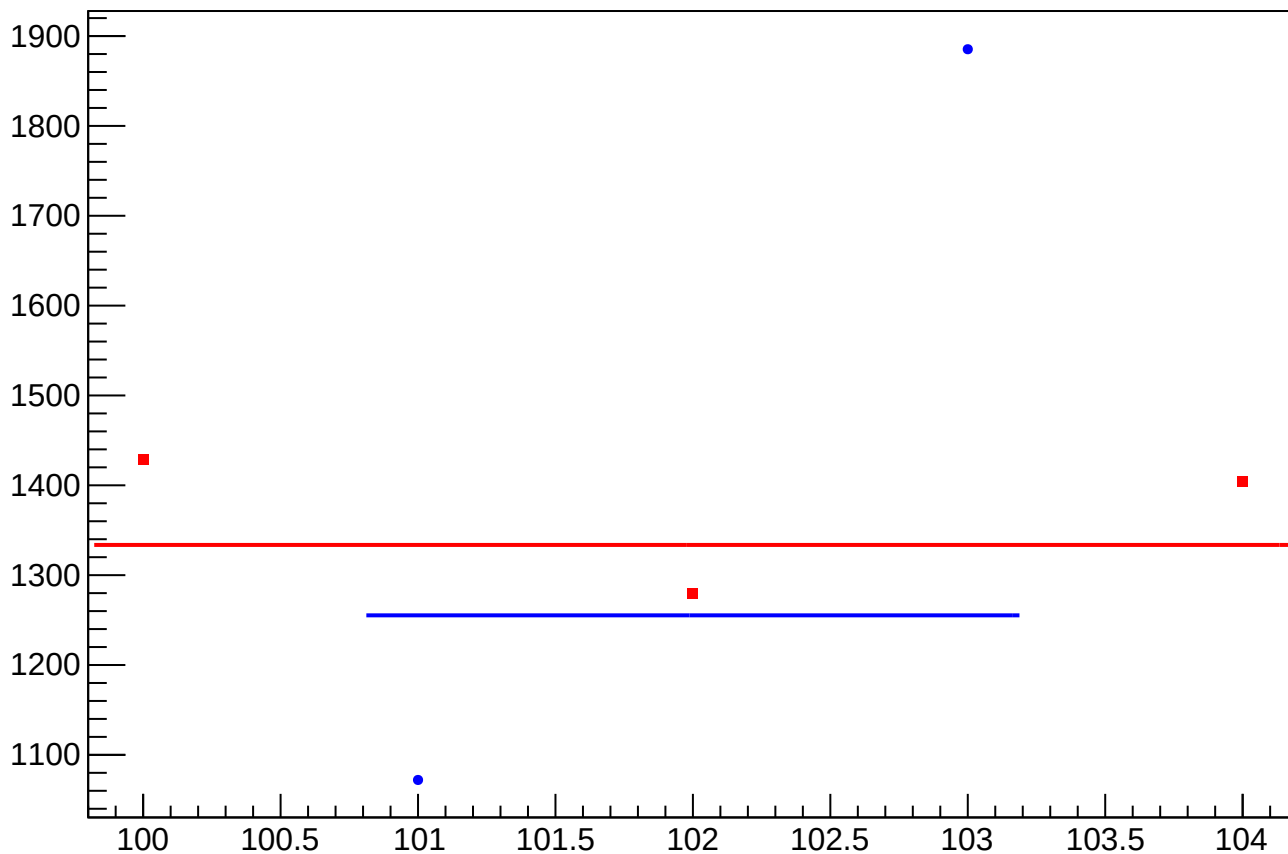
Right: 362.946+/-850.311 χ^2/NDF : 8.7/4

In: 1492.906+/-1164.957 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.946+/-850.311 χ^2/NDF : 8.7/4

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: 1333.642+/-0.880 χ^2/NDF : 5199.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

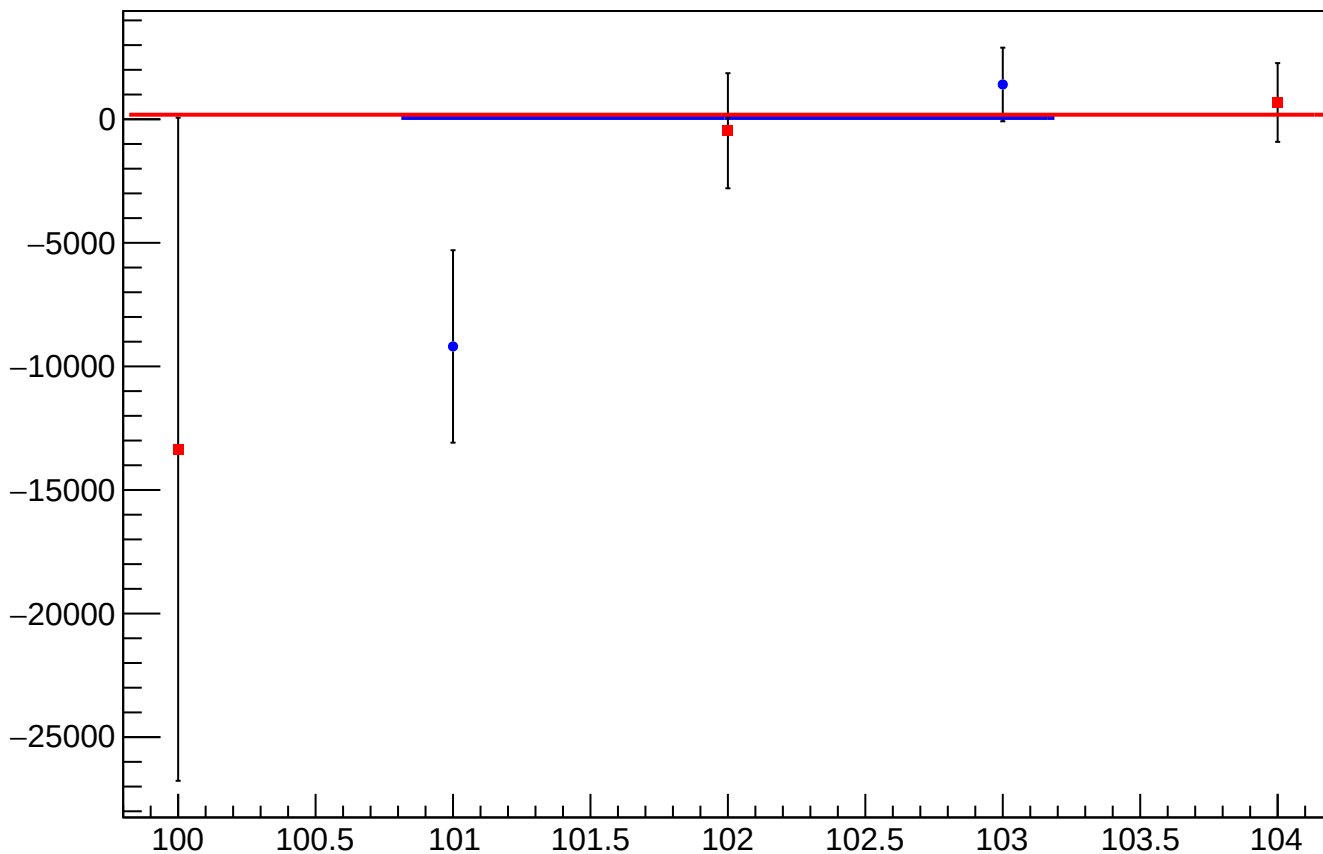
Right: 1291.892+/-0.601 χ^2/NDF : 179547.0/4

In: 1255.278+/-0.824 χ^2/NDF : 170119.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.892+/-0.601 χ^2/NDF : 179547.0/4

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: 183.941+/-1308.291 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

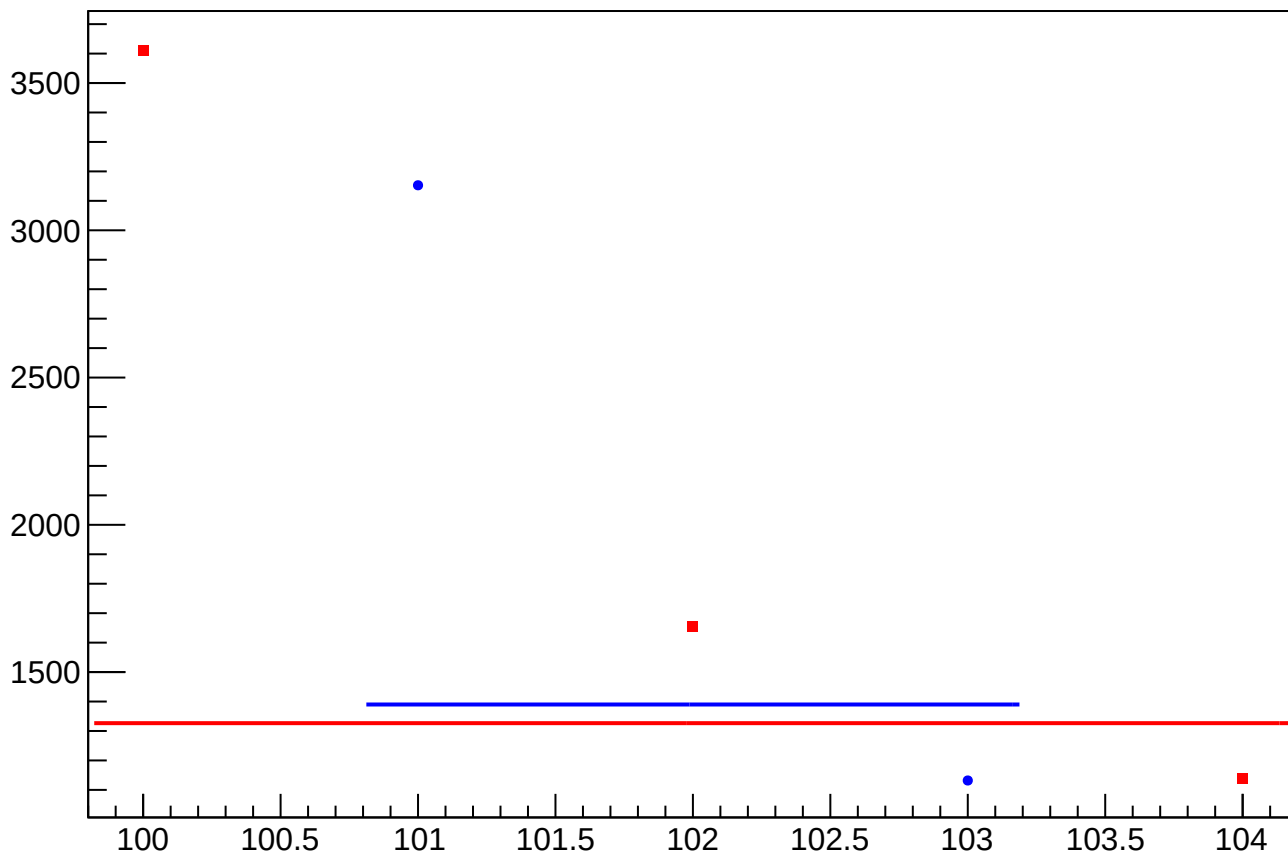
Right: 122.843+/-953.012 χ^2/NDF : 7.7/4

In: 53.772+/-1391.038 χ^2/NDF : 6.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.843+/-953.012 χ^2/NDF : 7.7/4

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930 ± 0.984 $\chi^2/\text{NDF}: 470147.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1326.573 ± 0.925 $\chi^2/\text{NDF}: 125316.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

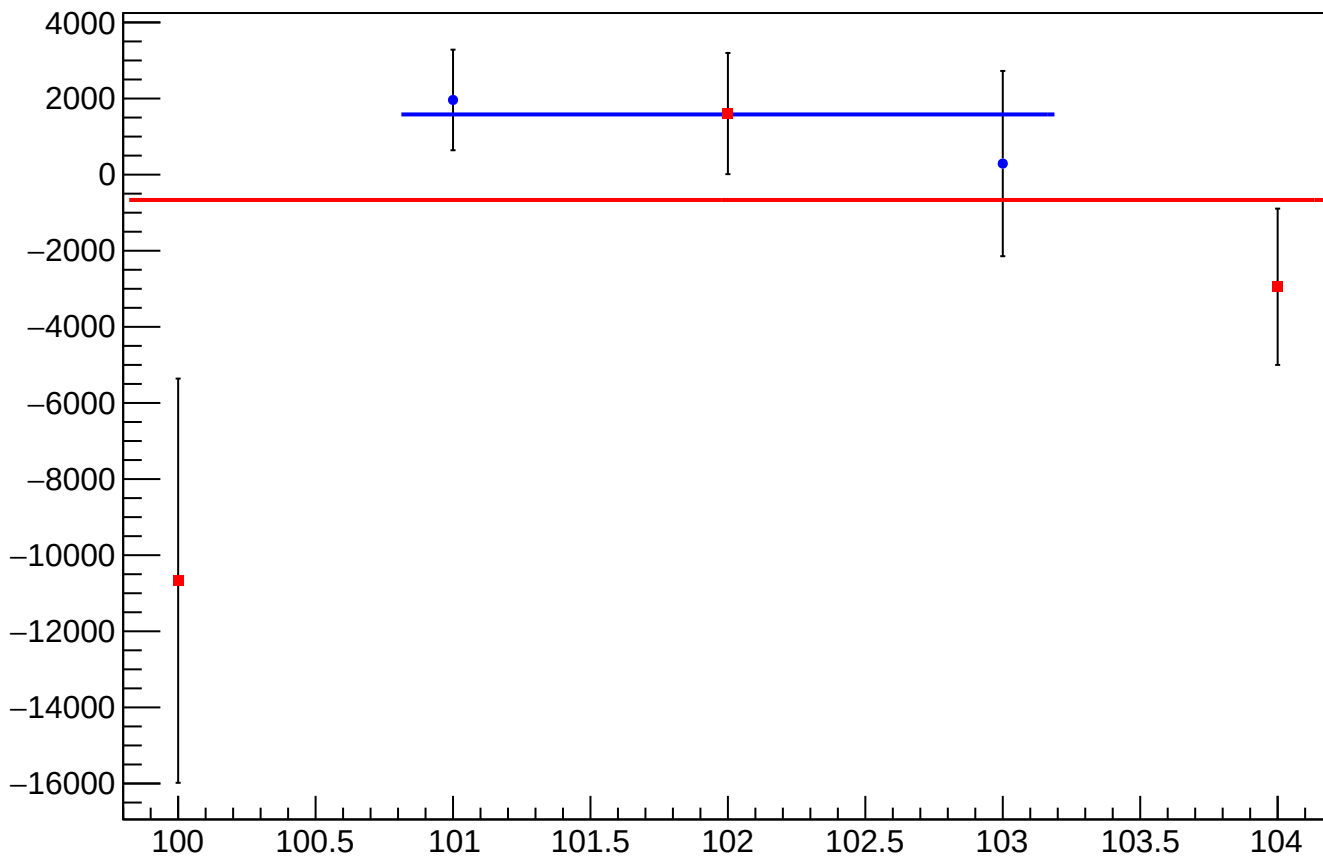
Right: 1356.311 ± 0.674 $\chi^2/\text{NDF}: 597665.2/4$

In: 1389.930 ± 0.984 $\chi^2/\text{NDF}: 470147.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1356.311 ± 0.674 $\chi^2/\text{NDF}: 597665.2/4$

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: -665.354+/-1224.326 χ^2/NDF : 6.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

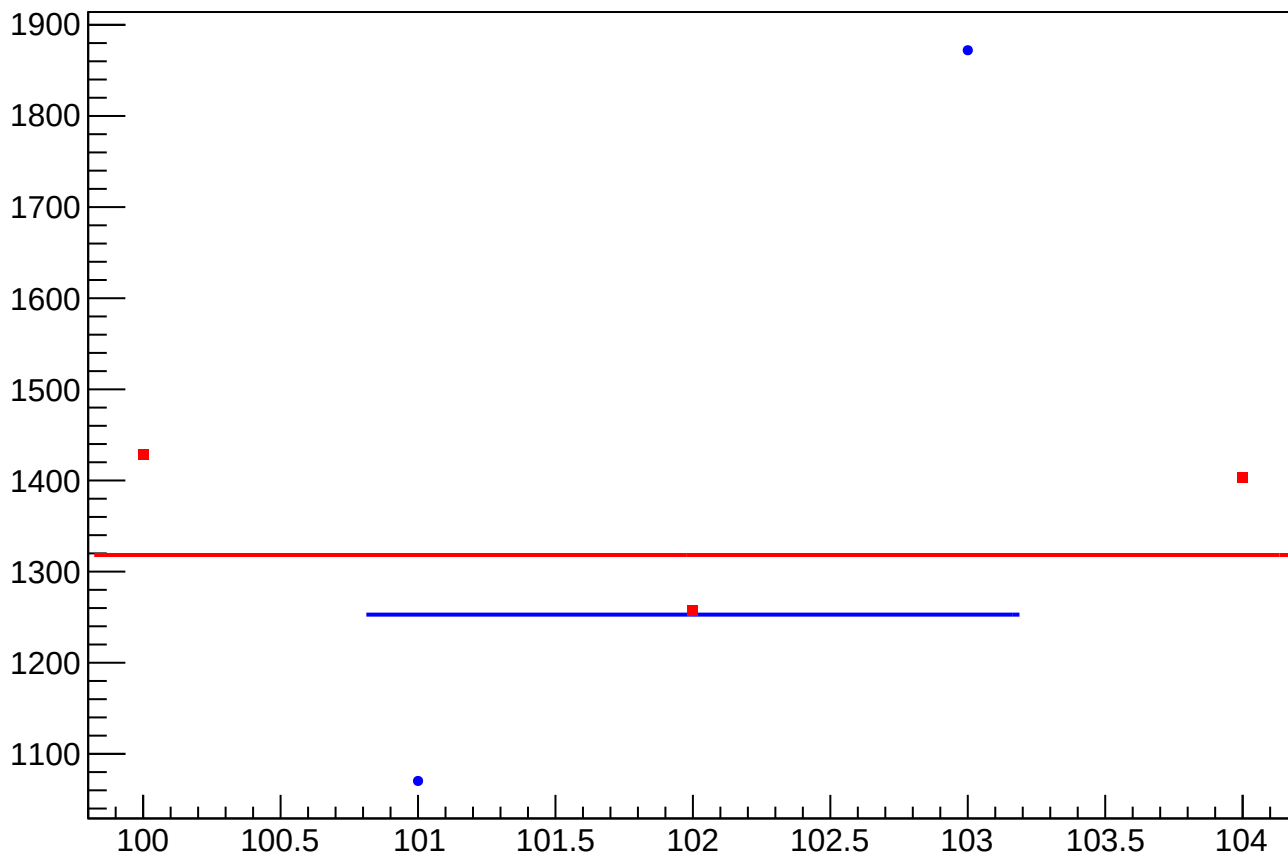
Right: 517.516+/-842.589 χ^2/NDF : 9.0/4

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.516+/-842.589 χ^2/NDF : 9.0/4

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: 1318.240+/-0.866 χ^2/NDF : 7212.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

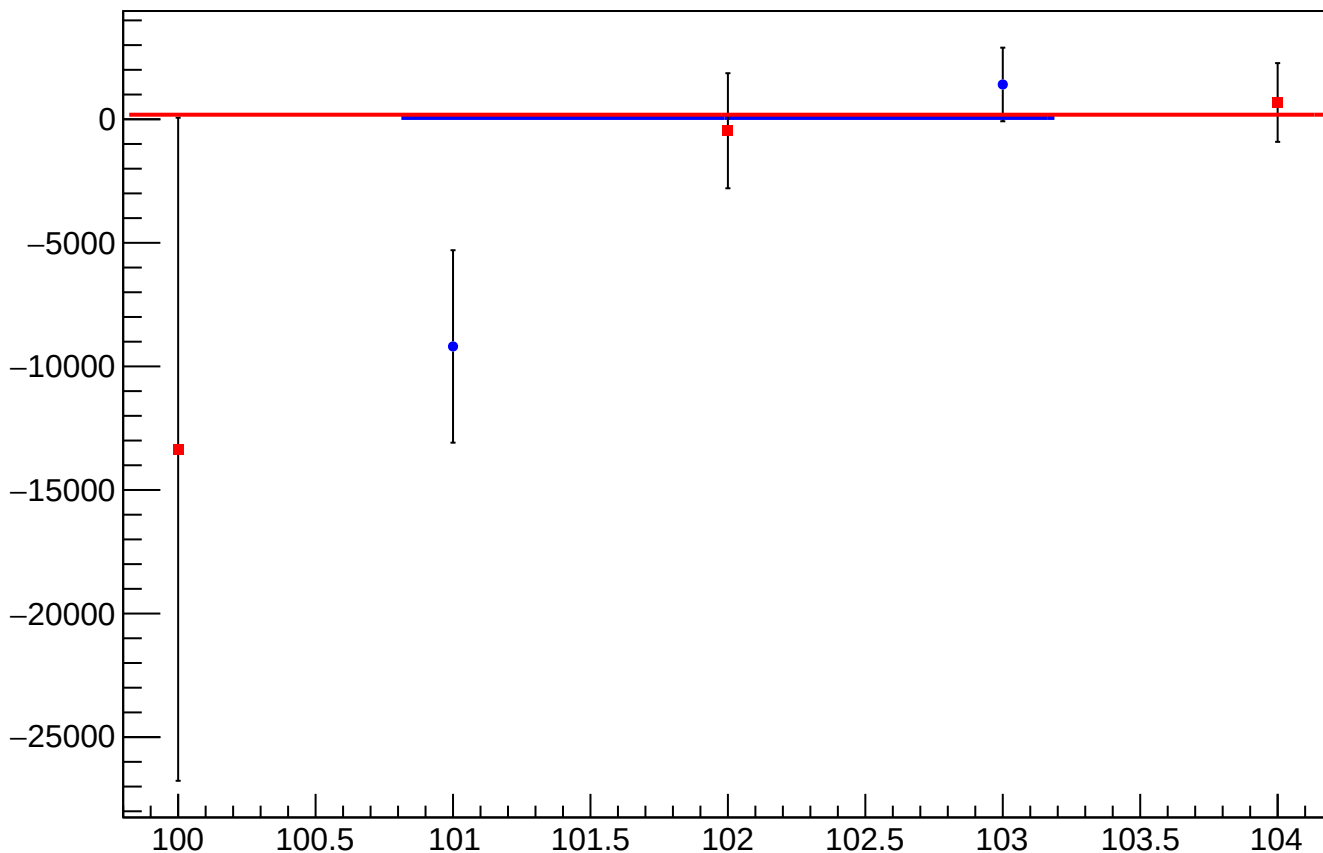
Right: 1283.795+/-0.596 χ^2/NDF : 177836.9/4

In: 1252.801+/-0.821 χ^2/NDF : 167617.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1283.795+/-0.596 χ^2/NDF : 177836.9/4

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: 183.941+/-1308.291 χ^2 /NDF: 1.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

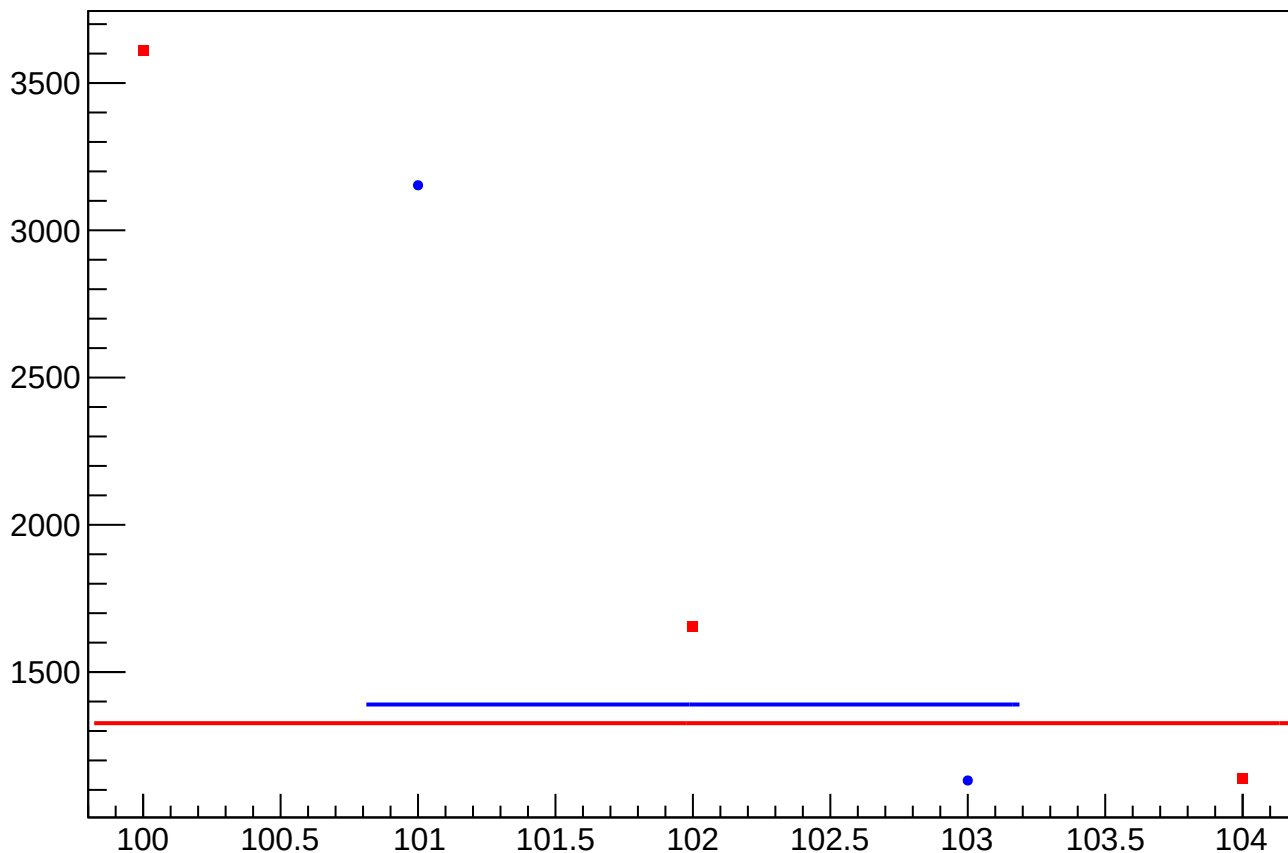
Right: 122.843+/-953.012 χ^2 /NDF: 7.7/4

In: 53.772+/-1391.038 χ^2 /NDF:6.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 122.843+/-953.012 χ^2 /NDF: 7.7/4

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.573+/-0.925 χ^2/NDF : 125316.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

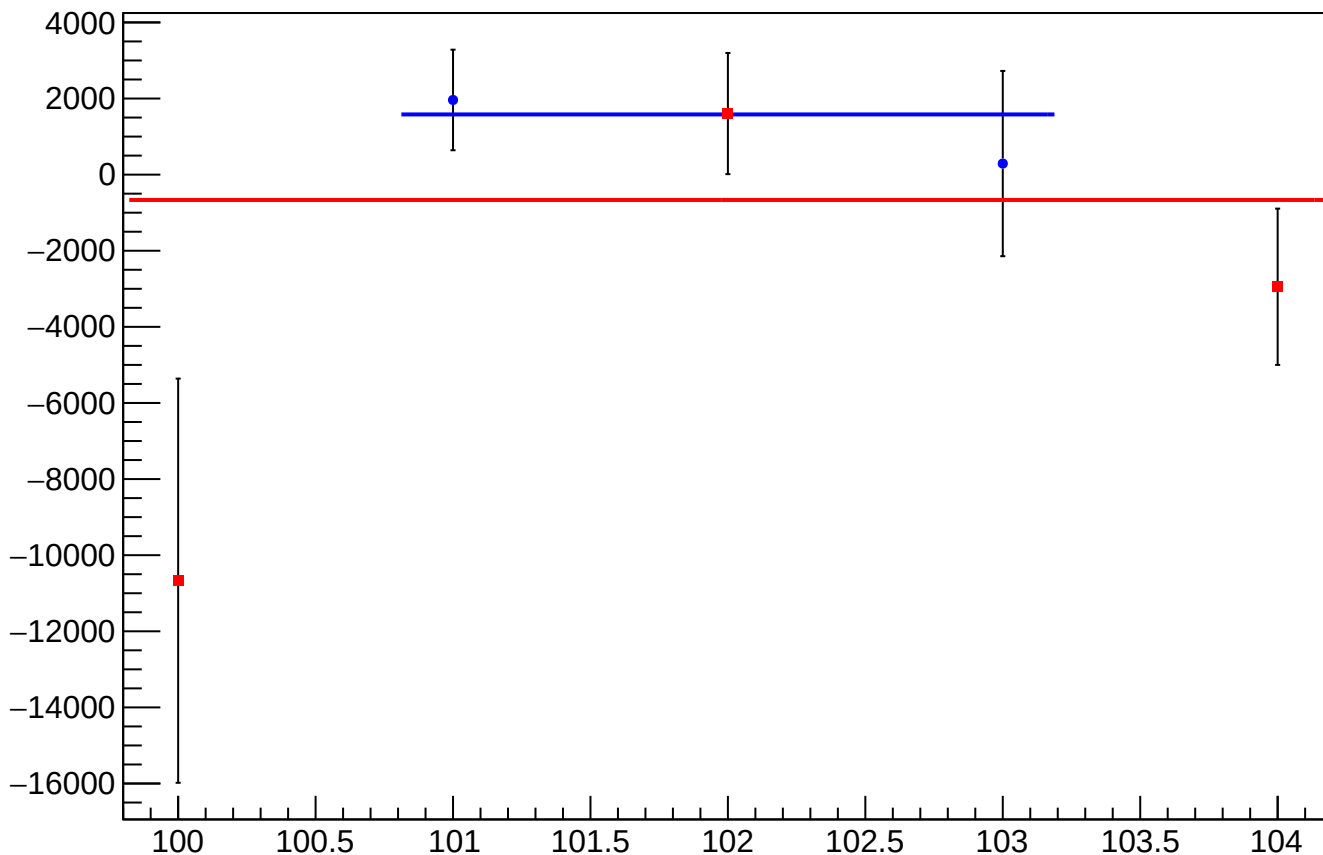
Right: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

In: 1389.930+/-0.984 χ^2/NDF : 470147.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1356.311+/-0.674 χ^2/NDF : 597665.2/4

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: -665.354+/-1224.326 χ^2/NDF : 6.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

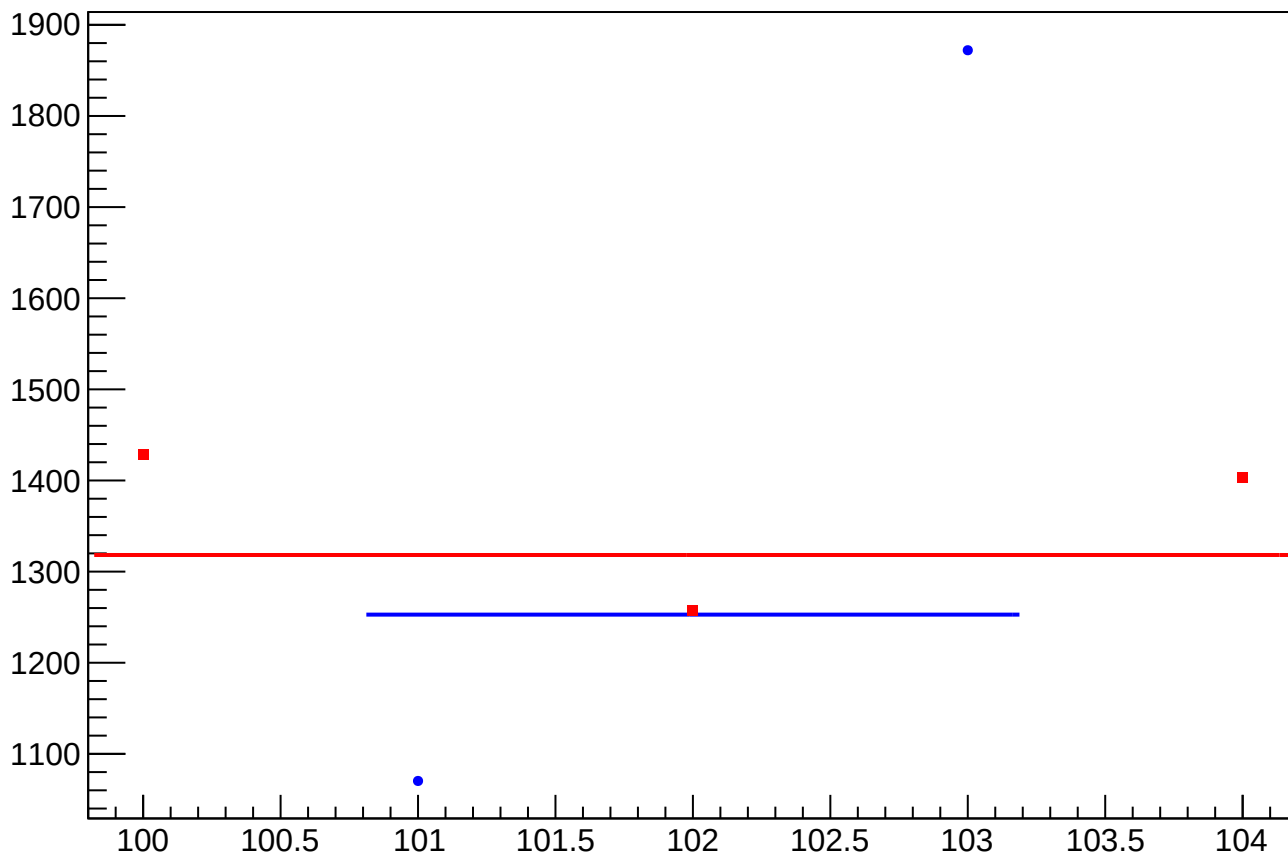
Right: 517.516+/-842.589 χ^2/NDF : 9.0/4

In: 1581.860+/-1161.368 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.516+/-842.589 χ^2/NDF : 9.0/4

asym_at1_dd_at2_dd_avg_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: 1318.240 $\pm$ 0.866 χ^2 /NDF: 7212.0/2

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

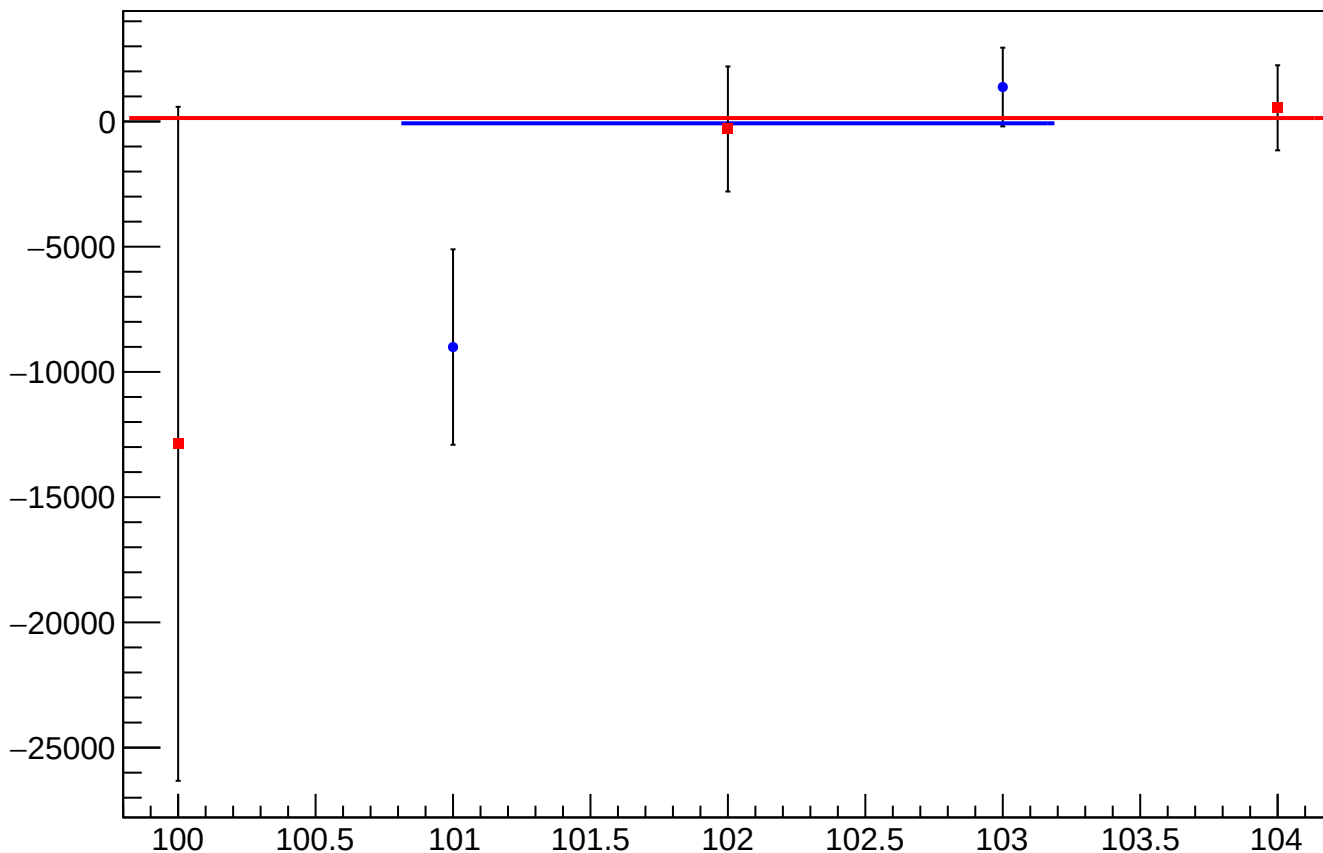
Right: 1283.795 $\pm$ 0.596 χ^2 /NDF: 177836.9/4

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: 1283.795 $\pm$ 0.596 χ^2 /NDF: 177836.9/4

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -73.610+/-1457.490 χ^2 /NDF: 6.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 136.576+/-1396.537 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

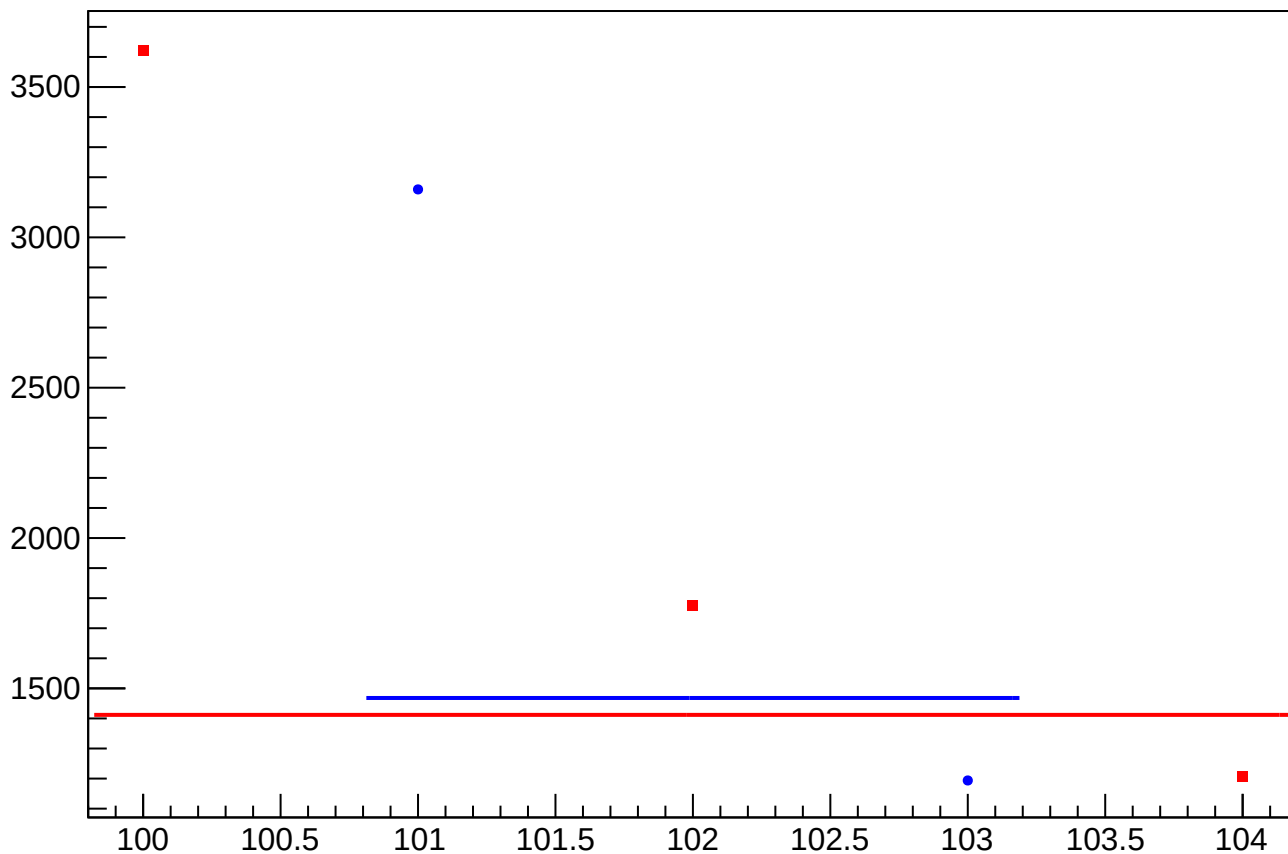
Right: 35.970+/-1008.361 χ^2 /NDF: 7.1/4

In: -73.610+/-1457.490 χ^2 /NDF:6.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 35.970+/-1008.361 χ^2 /NDF: 7.1/4

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: 1411.858+/-0.987 χ^2/NDF : 125351.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

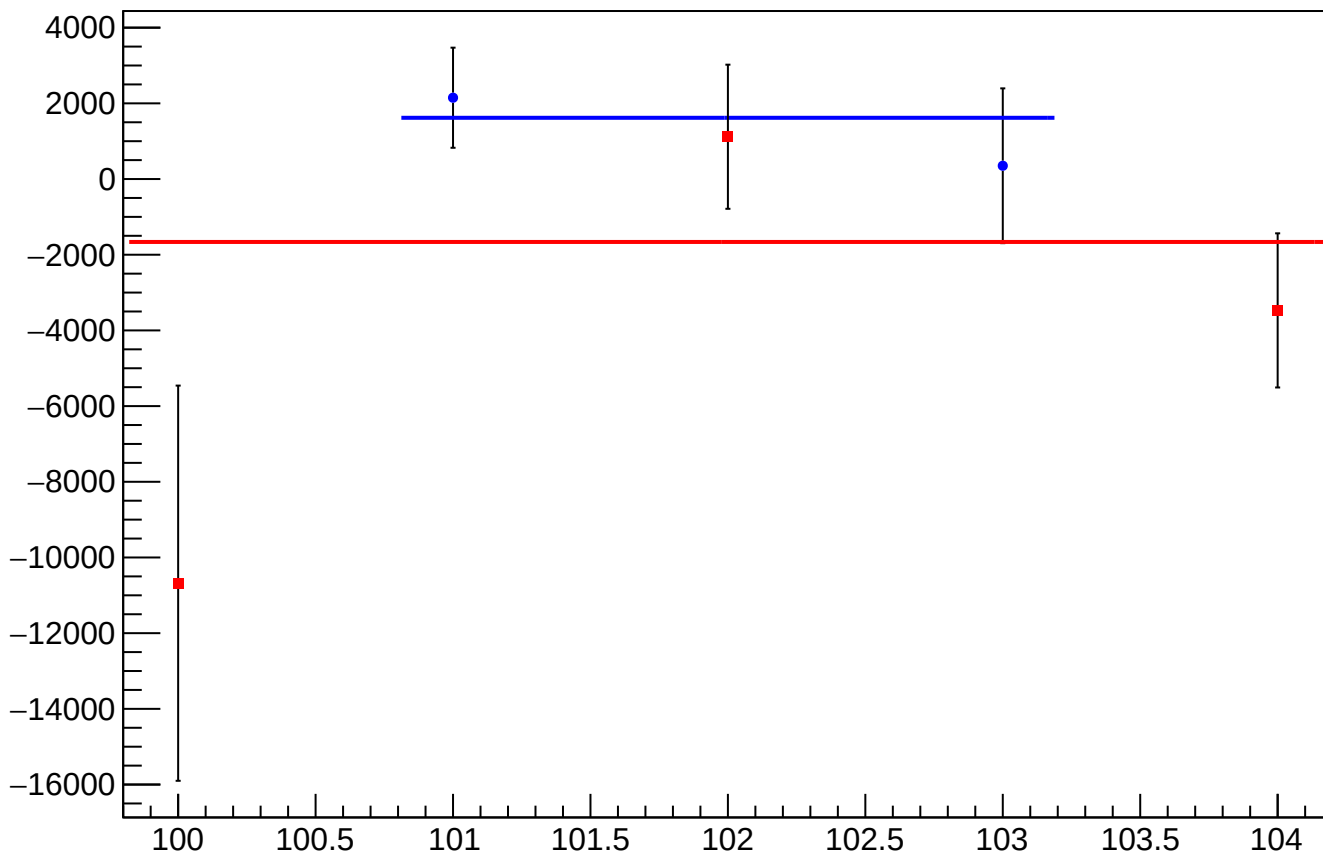
Right: 1438.763+/-0.713 χ^2/NDF : 563804.9/4

In: 1468.068+/-1.031 χ^2/NDF : 436902.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1438.763+/-0.713 χ^2/NDF : 563804.9/4

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1618.392+/-1110.622 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1662.590+/-1344.094 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

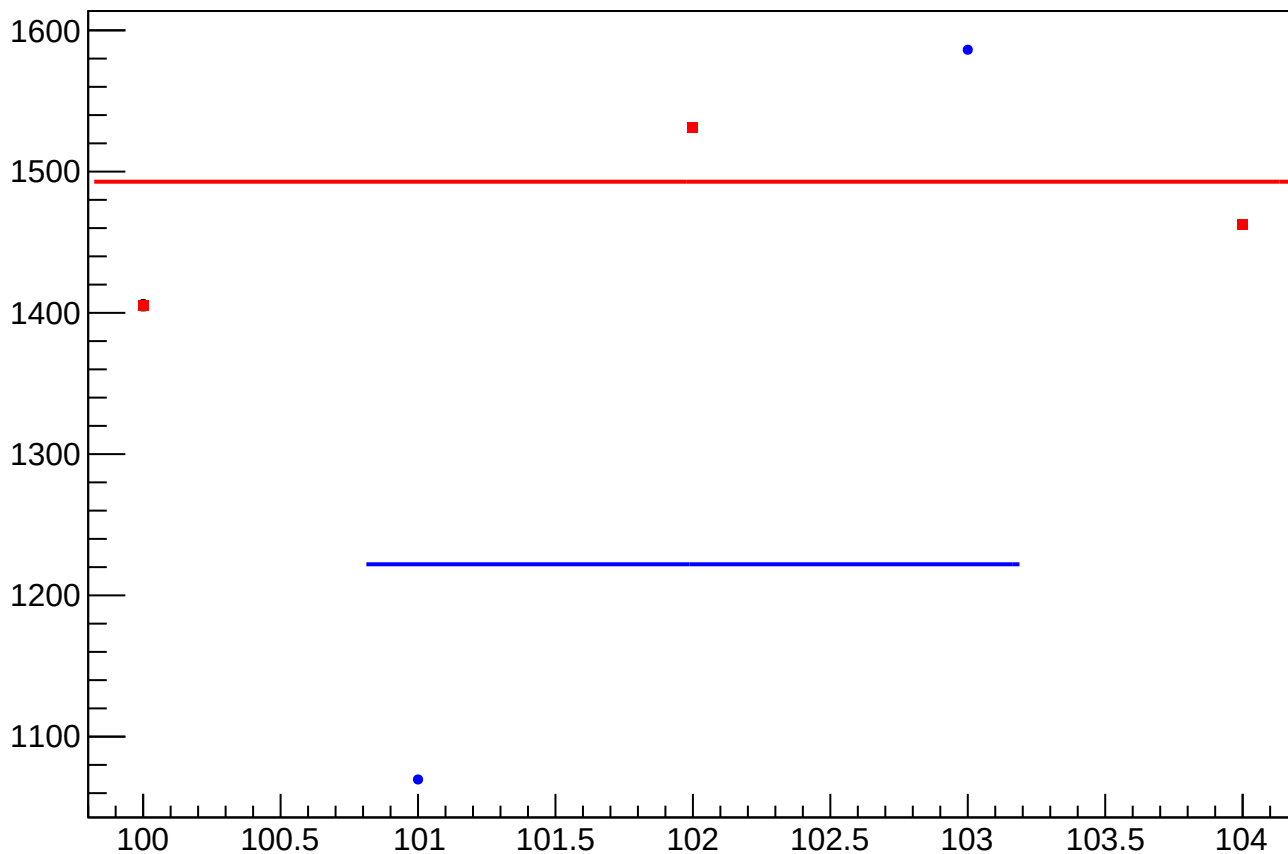
Right: 287.162+/-856.158 χ^2/NDF : 10.0/4

In: 1618.392+/-1110.622 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.162+/-856.158 χ^2/NDF : 10.0/4

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: 1492.845+/-0.950 χ^2/NDF : 1826.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

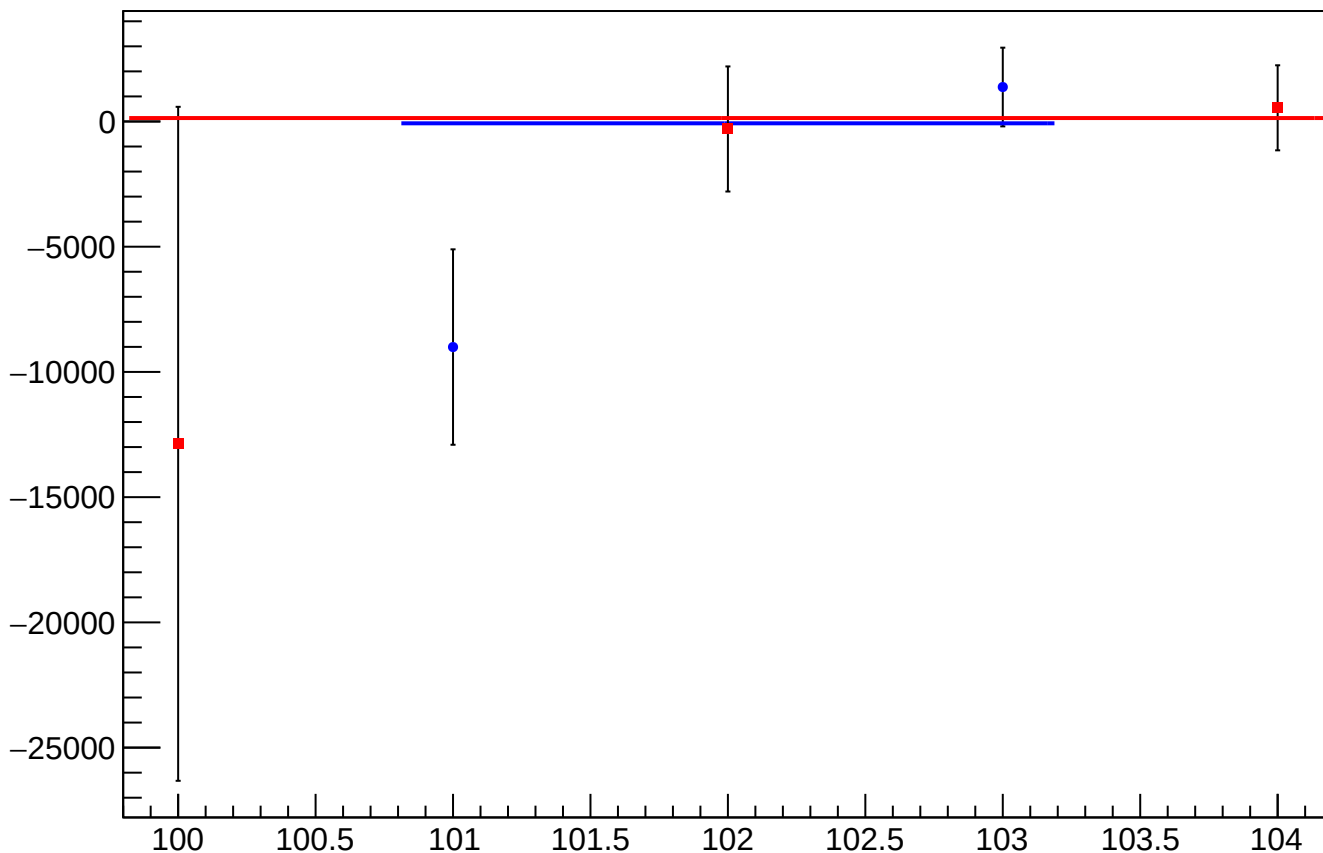
Right: 1331.904+/-0.605 χ^2/NDF : 140055.6/4

In: 1222.018+/-0.785 χ^2/NDF : 89975.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.904+/-0.605 χ^2/NDF : 140055.6/4

eigen_dit_asym_at1_dd_at2_dd_avg_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: 136.572+/-1396.536 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

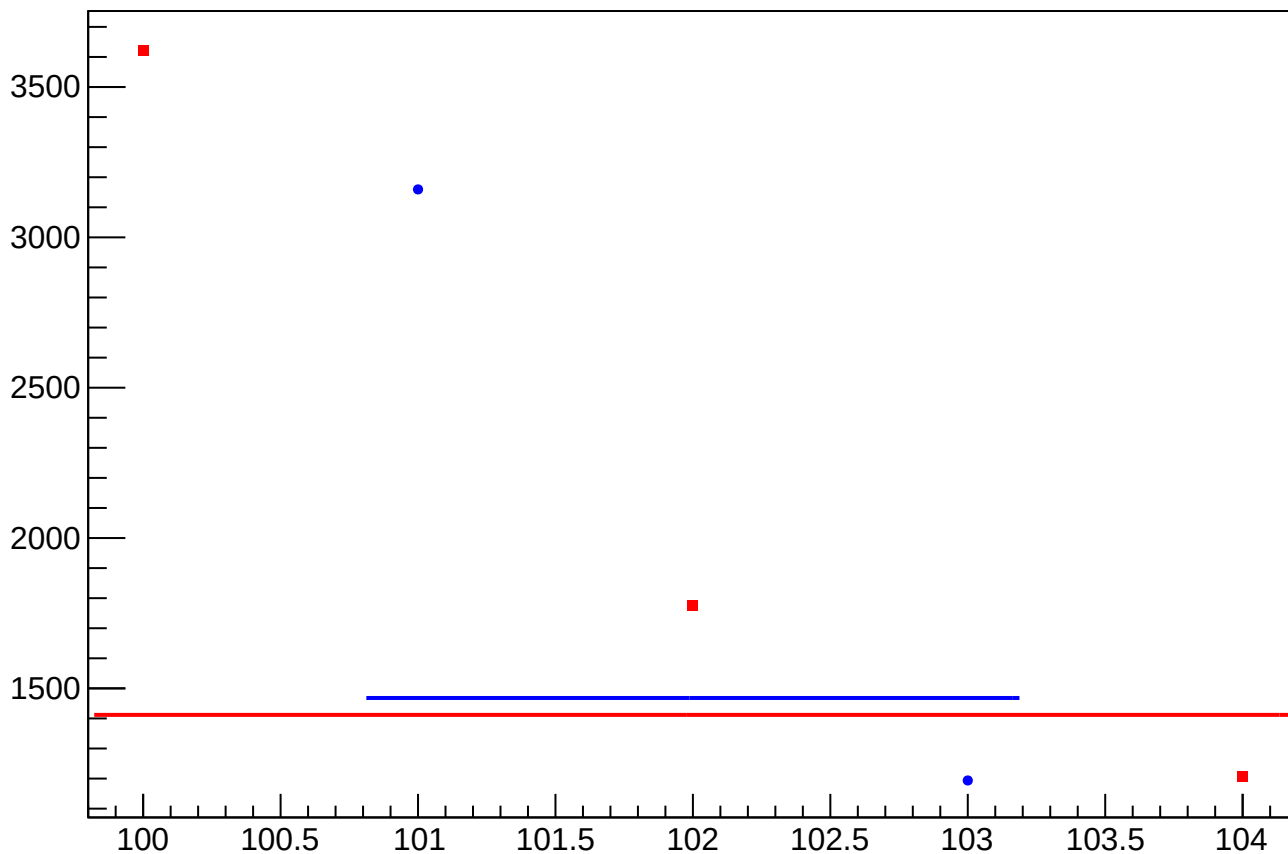
Right: 35.965+/-1008.360 χ^2/NDF : 7.1/4

In: -73.616+/-1457.489 χ^2/NDF :6.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.965+/-1008.360 χ^2/NDF : 7.1/4

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1468.067 $\pm$ 1.031 χ^2 /NDF: 436902.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1411.857 $\pm$ 0.987 χ^2 /NDF: 125351.7/2

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

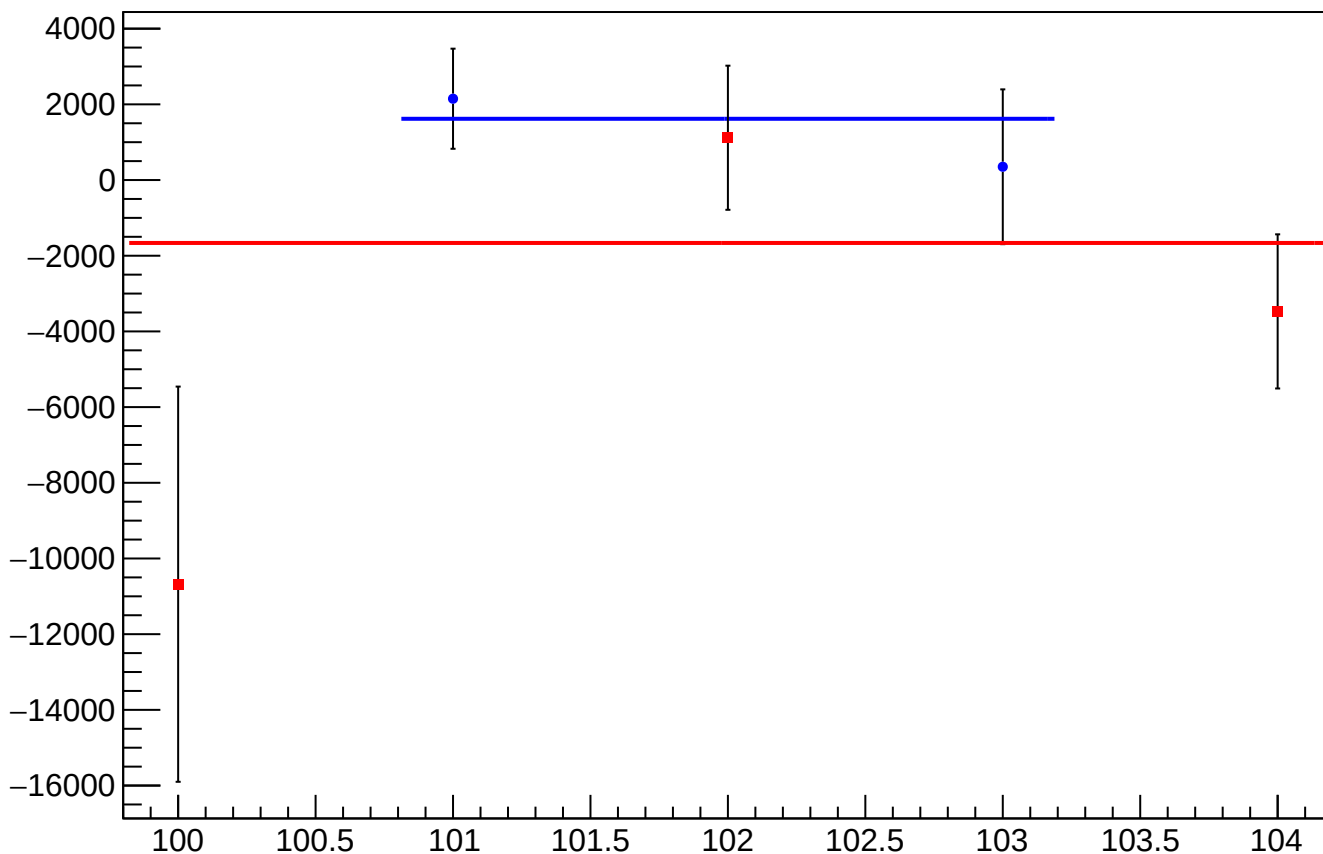
Right: 1438.762 $\pm$ 0.713 χ^2 /NDF: 563805.4/4

In: 1468.067 $\pm$ 1.031 χ^2 /NDF: 436902.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1438.762 $\pm$ 0.713 χ^2 /NDF: 563805.4/4

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: -1662.599 $\pm$ 1344.096 χ^2 /NDF: 5.9/2

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

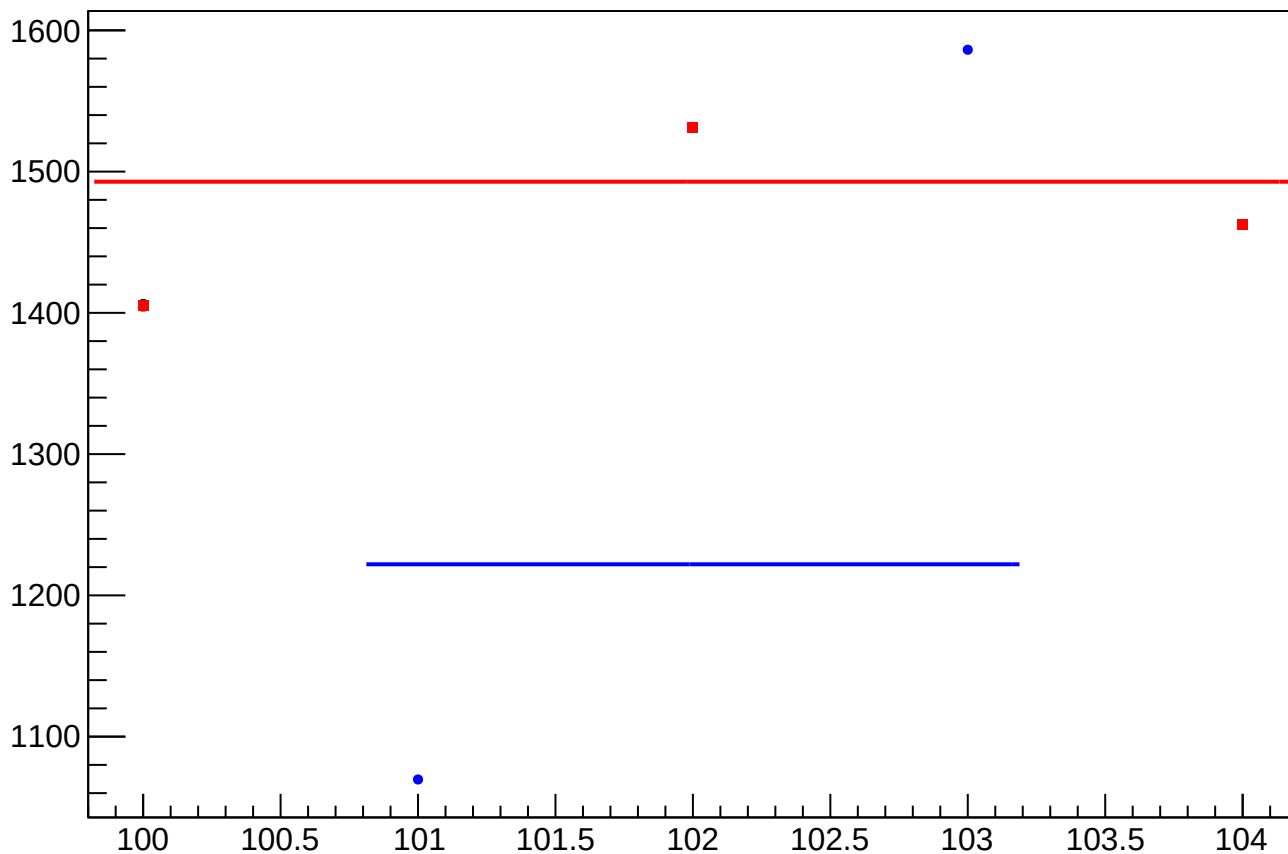
Right: 287.165 $\pm$ 856.157 χ^2 /NDF: 10.0/4

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: 287.165 $\pm$ 856.157 χ^2 /NDF: 10.0/4

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: 1492.847+/-0.950 χ^2/NDF : 1827.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

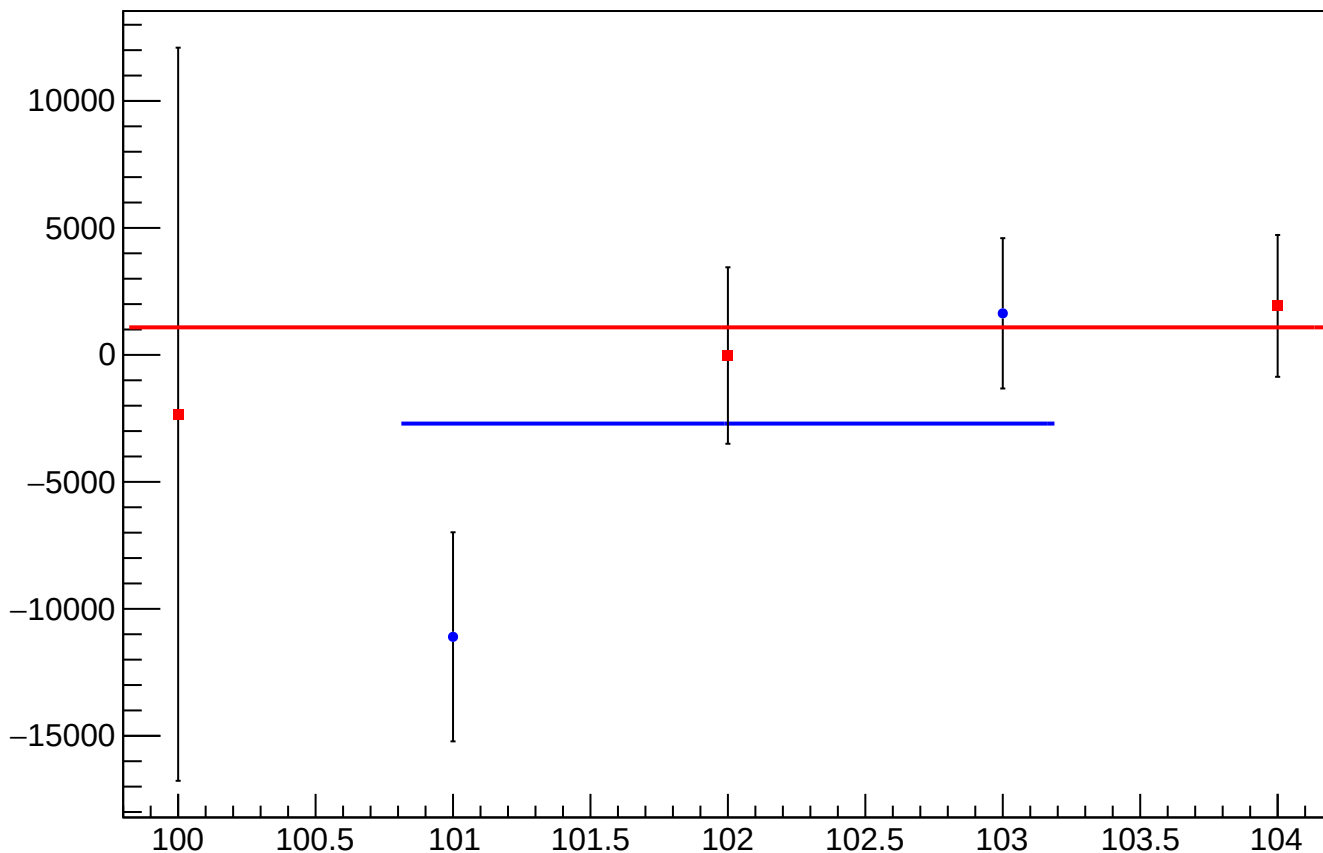
Right: 1331.900+/-0.605 χ^2/NDF : 140063.7/4

In: 1222.011+/-0.785 χ^2/NDF : 89979.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1331.900+/-0.605 χ^2/NDF : 140063.7/4

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1085.077+/-2152.686 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

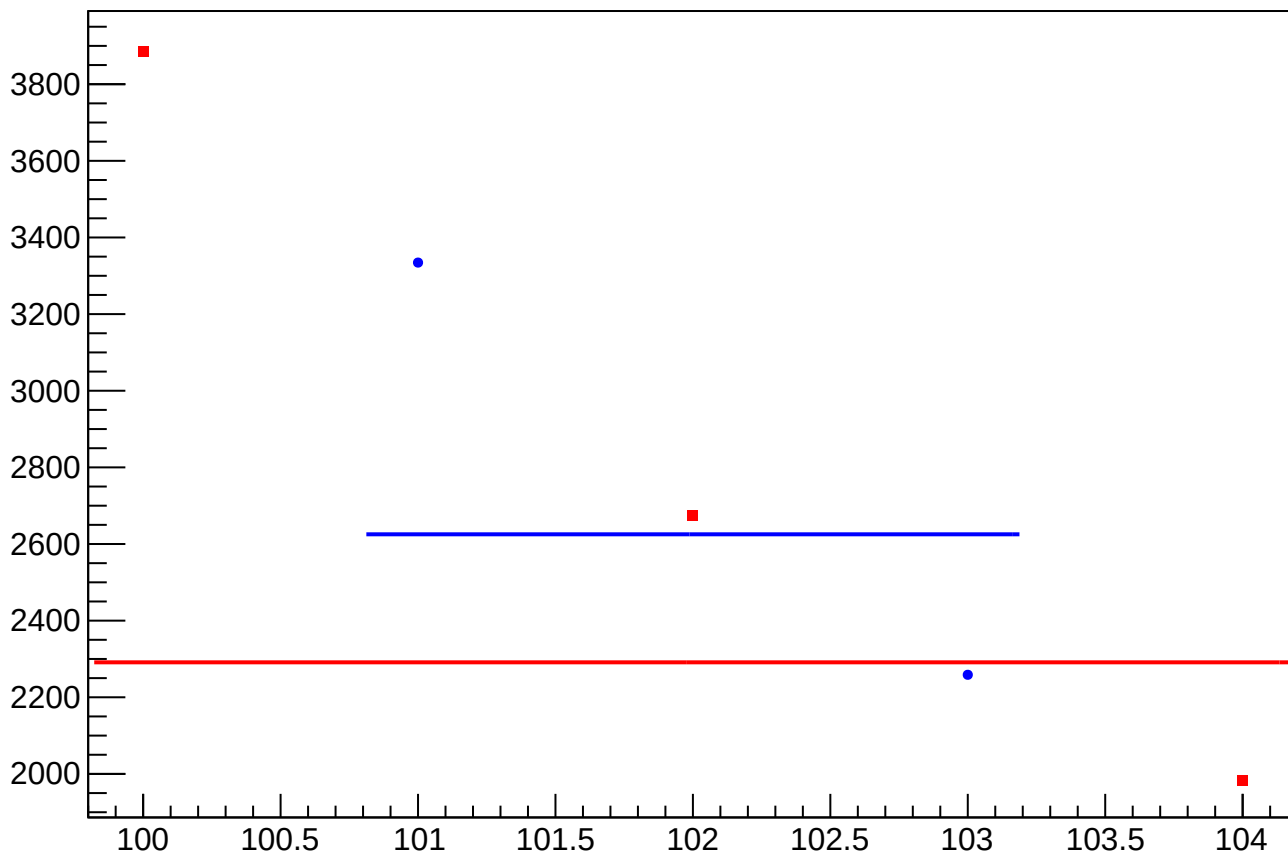
Right: -602.067+/-1603.426 χ^2/NDF : 7.9/4

In: -2704.555+/-2403.097 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -602.067+/-1603.426 χ^2/NDF : 7.9/4

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: 2291.214+/-1.522 χ^2/NDF : 72878.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

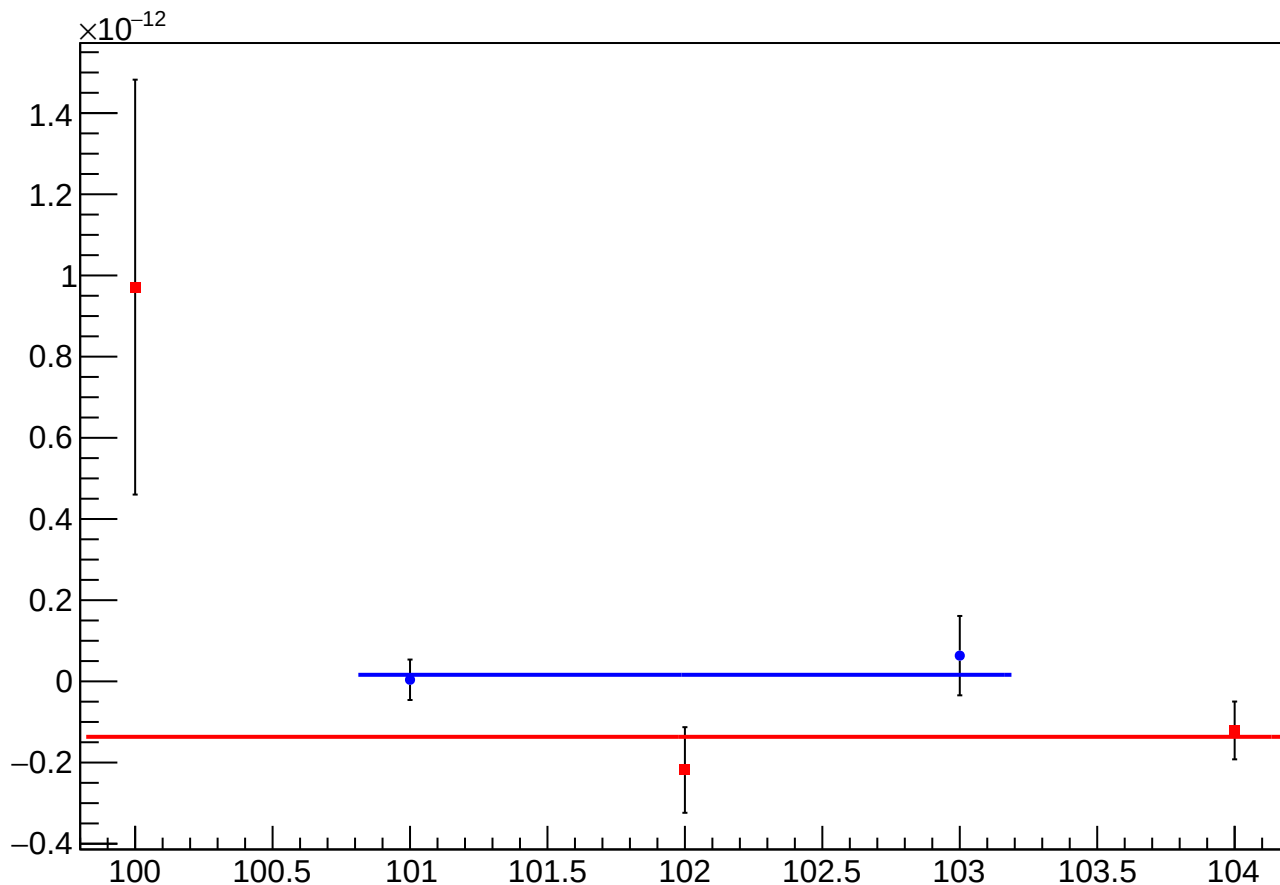
Right: 2439.955+/-1.134 χ^2/NDF : 184372.7/4

In: 2625.327+/-1.699 χ^2/NDF : 90043.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2439.955+/-1.134 χ^2/NDF : 184372.7/4

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 : 5.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

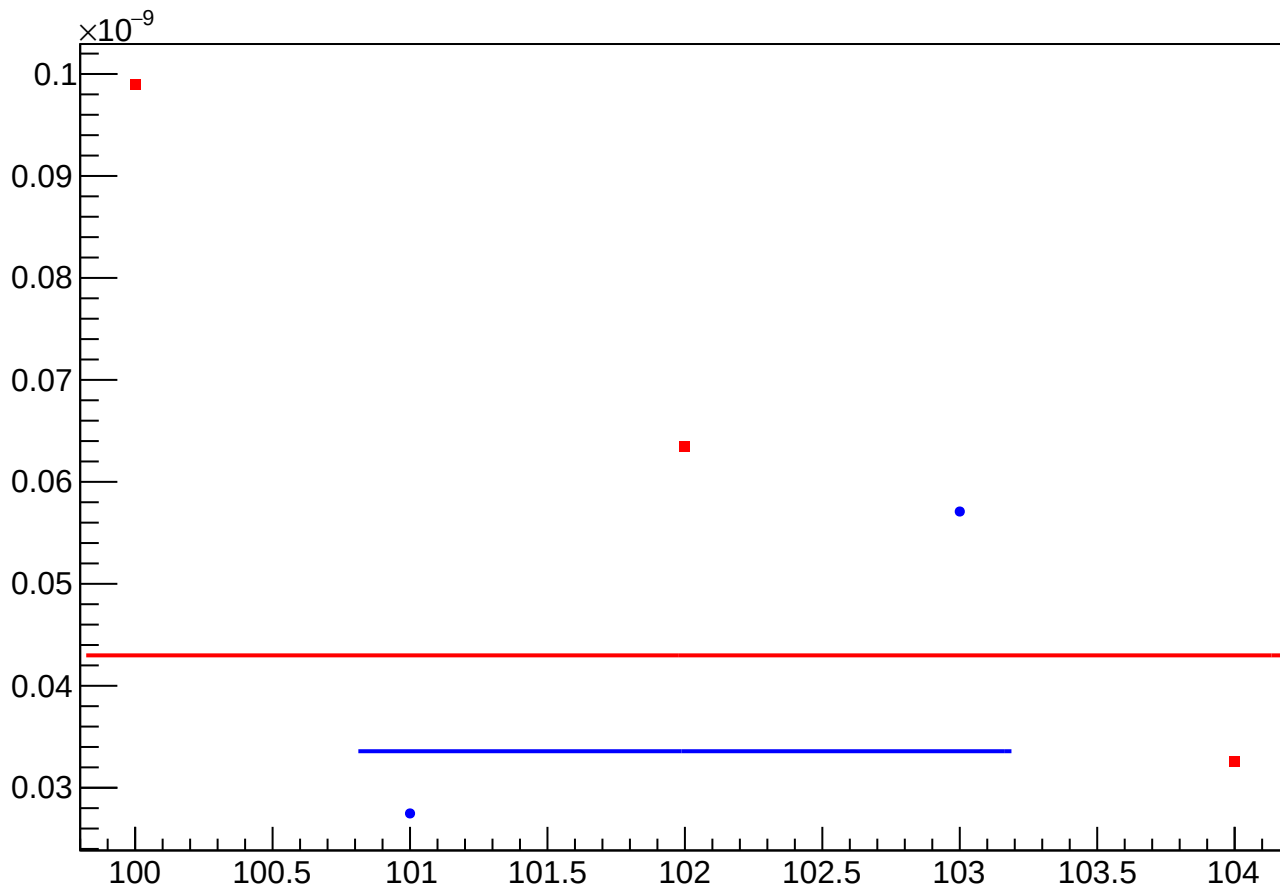
Right: -0.000+/-0.000 χ^2/NDF : 10.0/4

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 : 10.0/4

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 : 142010.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

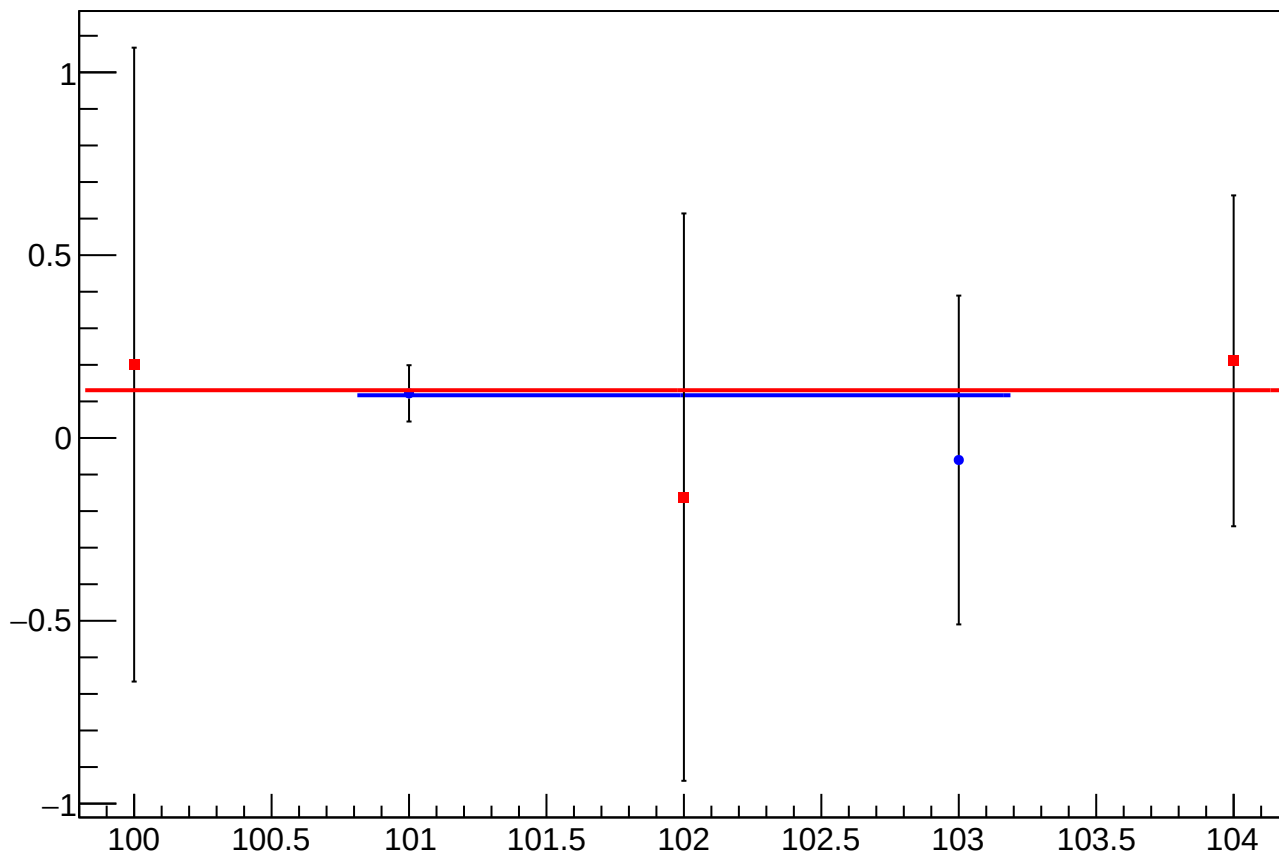
Right: 0.000+/-0.000 χ^2/NDF : 320360.6/4

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 : 320360.6/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

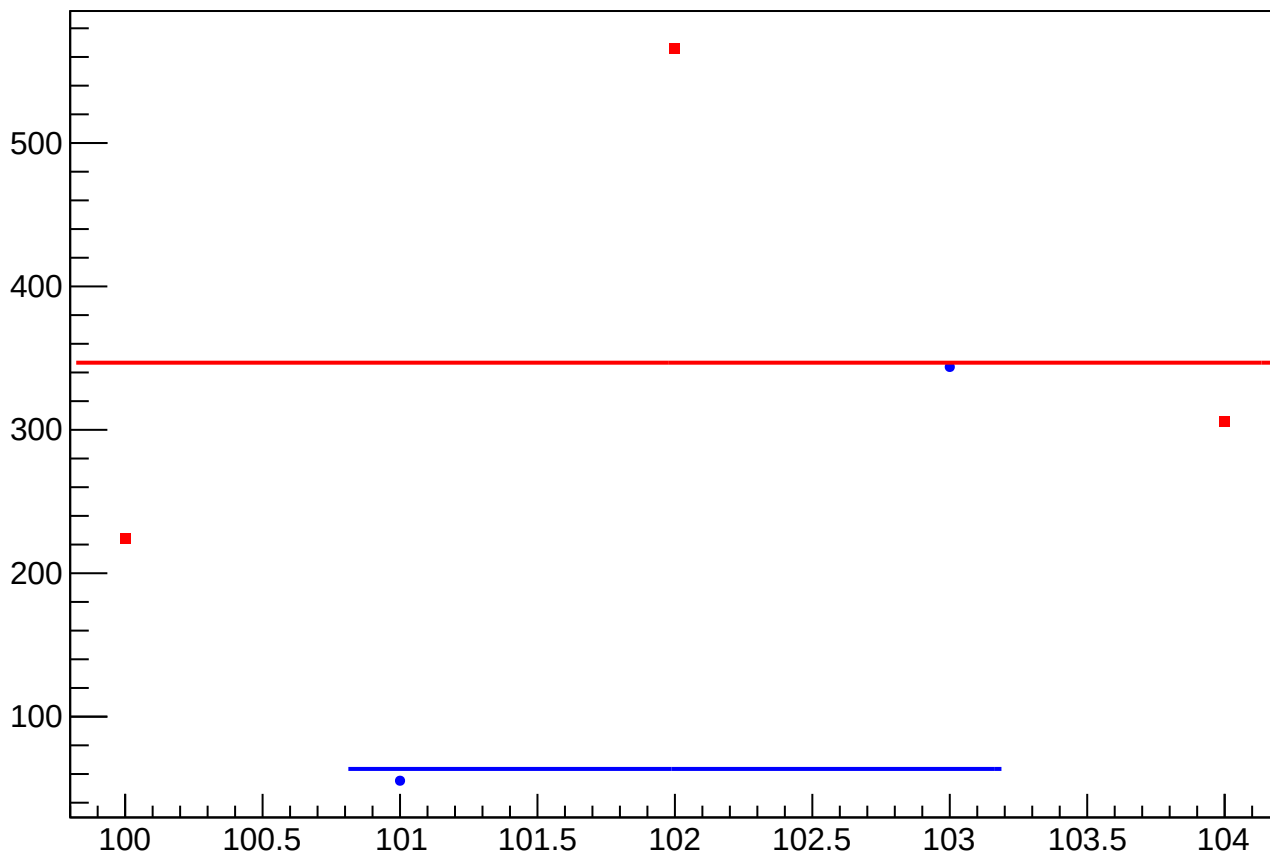
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms 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: 346.824 ± 0.252 $\chi^2/\text{NDF}: 215974.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

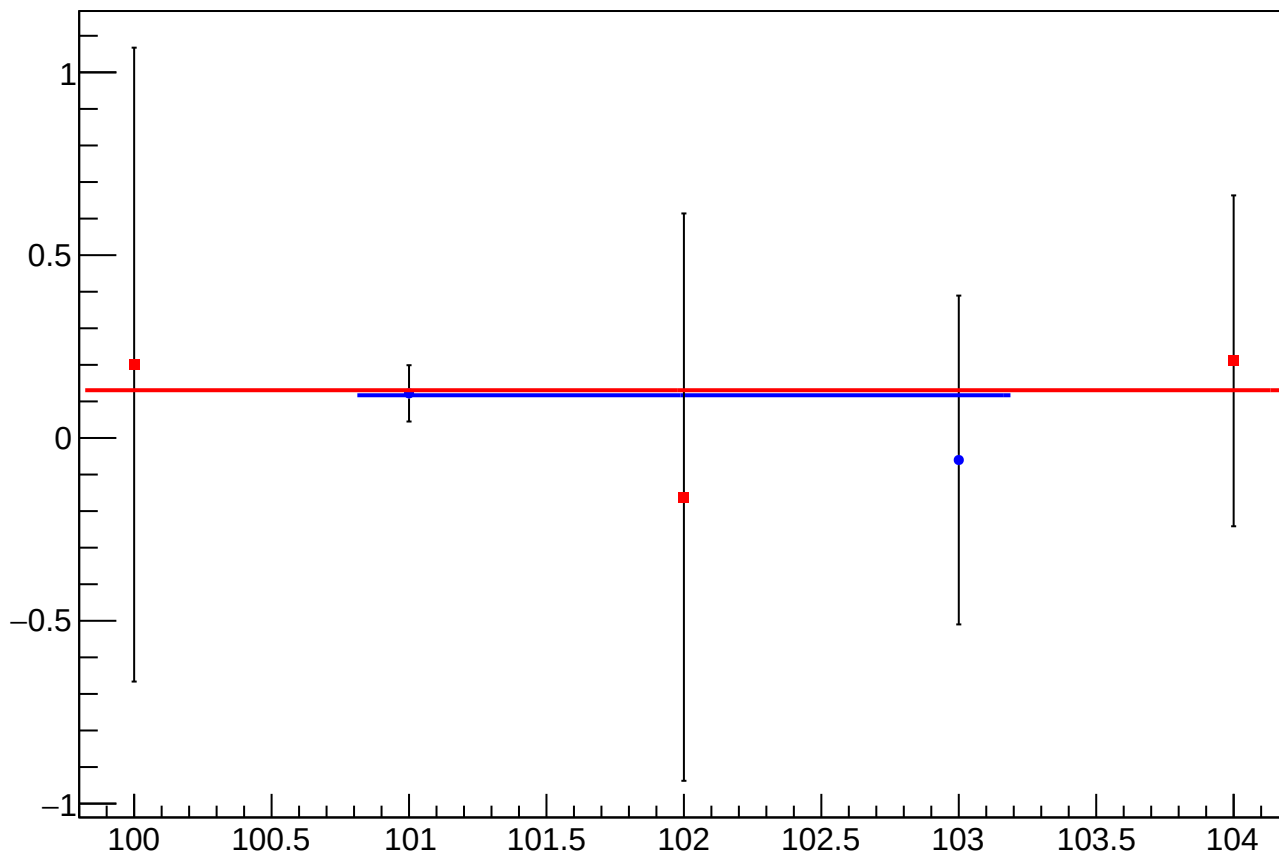
Right: 75.843 ± 0.052 $\chi^2/\text{NDF}: 2225194.5/4$

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: 75.843 ± 0.052 $\chi^2/\text{NDF}: 2225194.5/4$

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

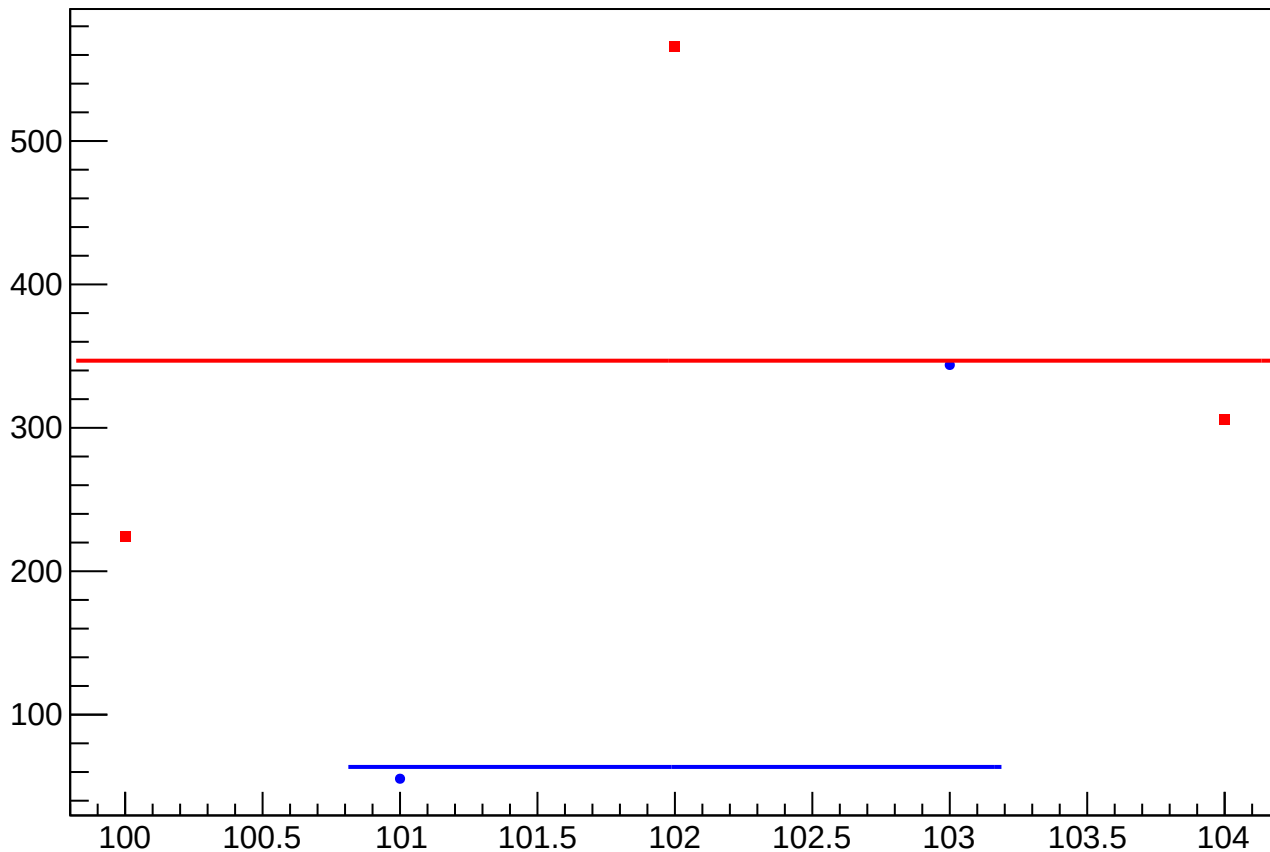
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.824+/-0.252 χ^2/NDF : 215974.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

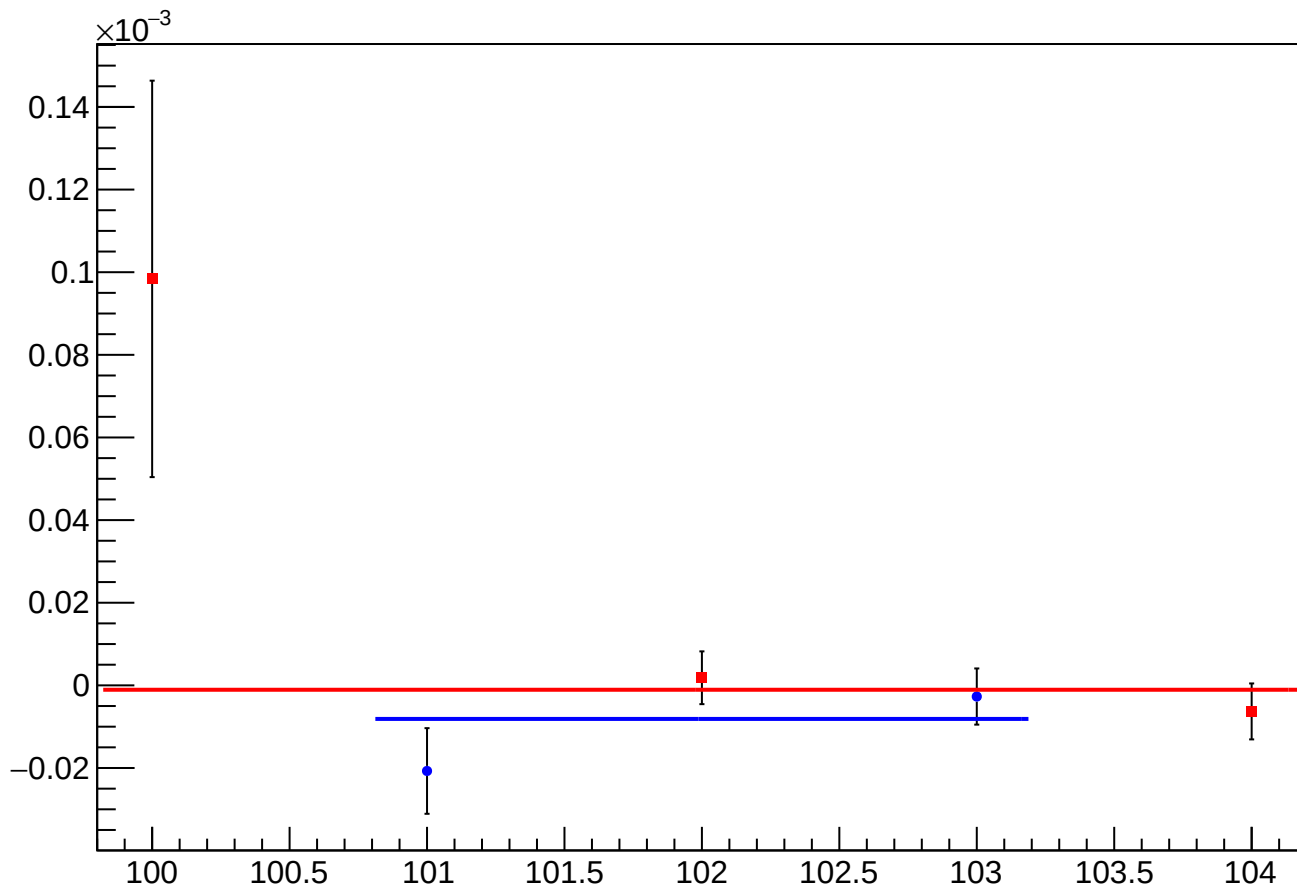
Right: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

In: 63.547+/-0.054 χ^2/NDF : 799974.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.843+/-0.052 χ^2/NDF : 2225194.5/4

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 : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

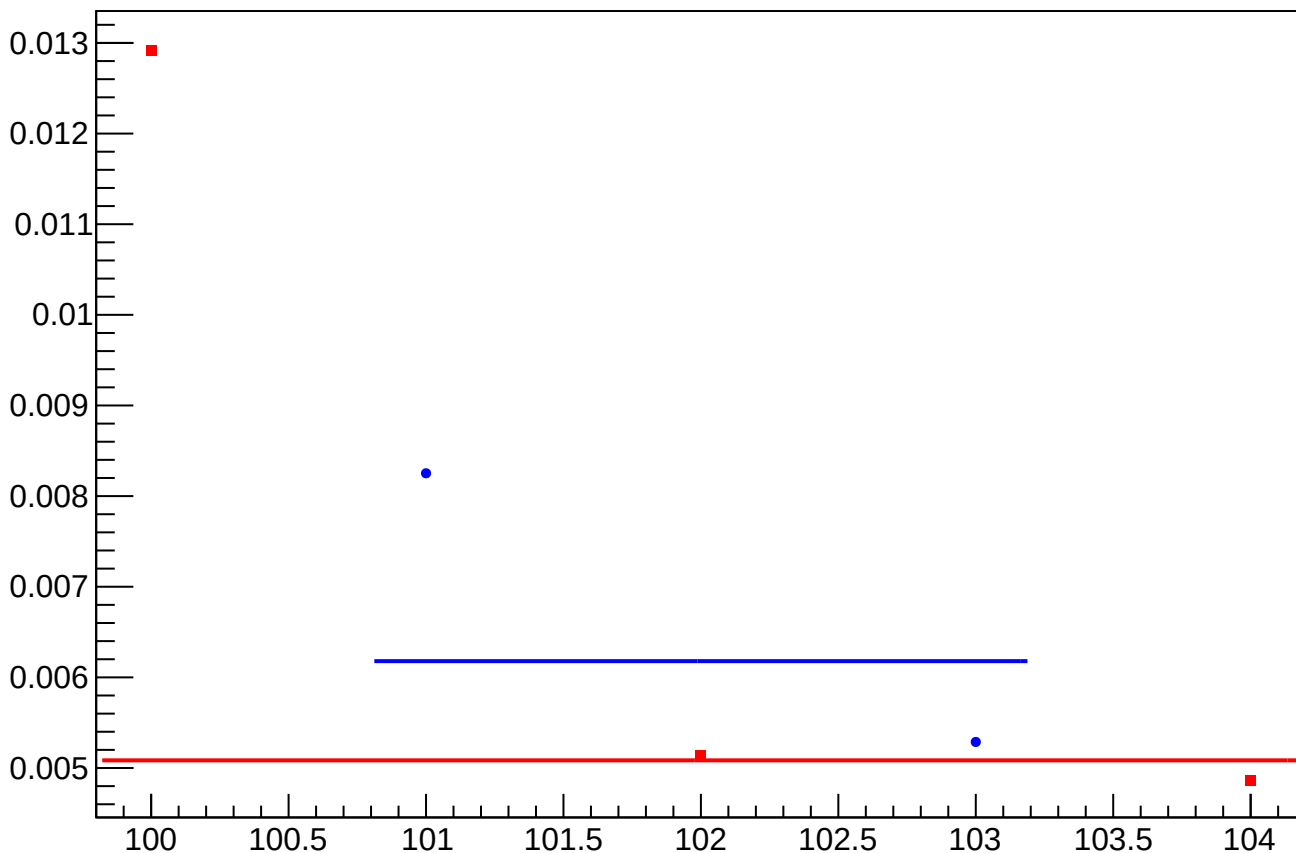
Right: -0.000+/-0.000 χ^2/NDF : 8.1/4

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 : 8.1/4

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 : 55553.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

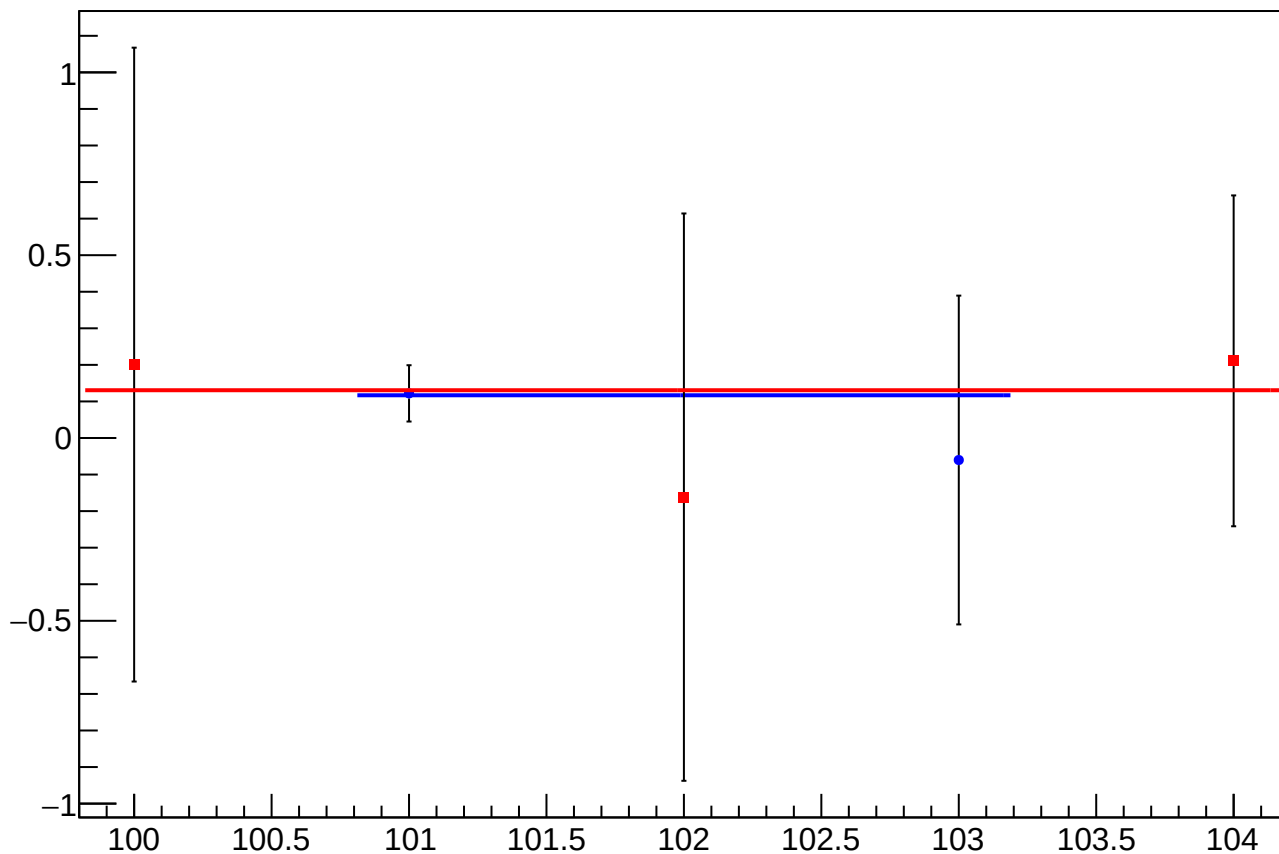
Right: 0.006+/-0.000 χ^2/NDF : 214558.8/4

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 : 214558.8/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

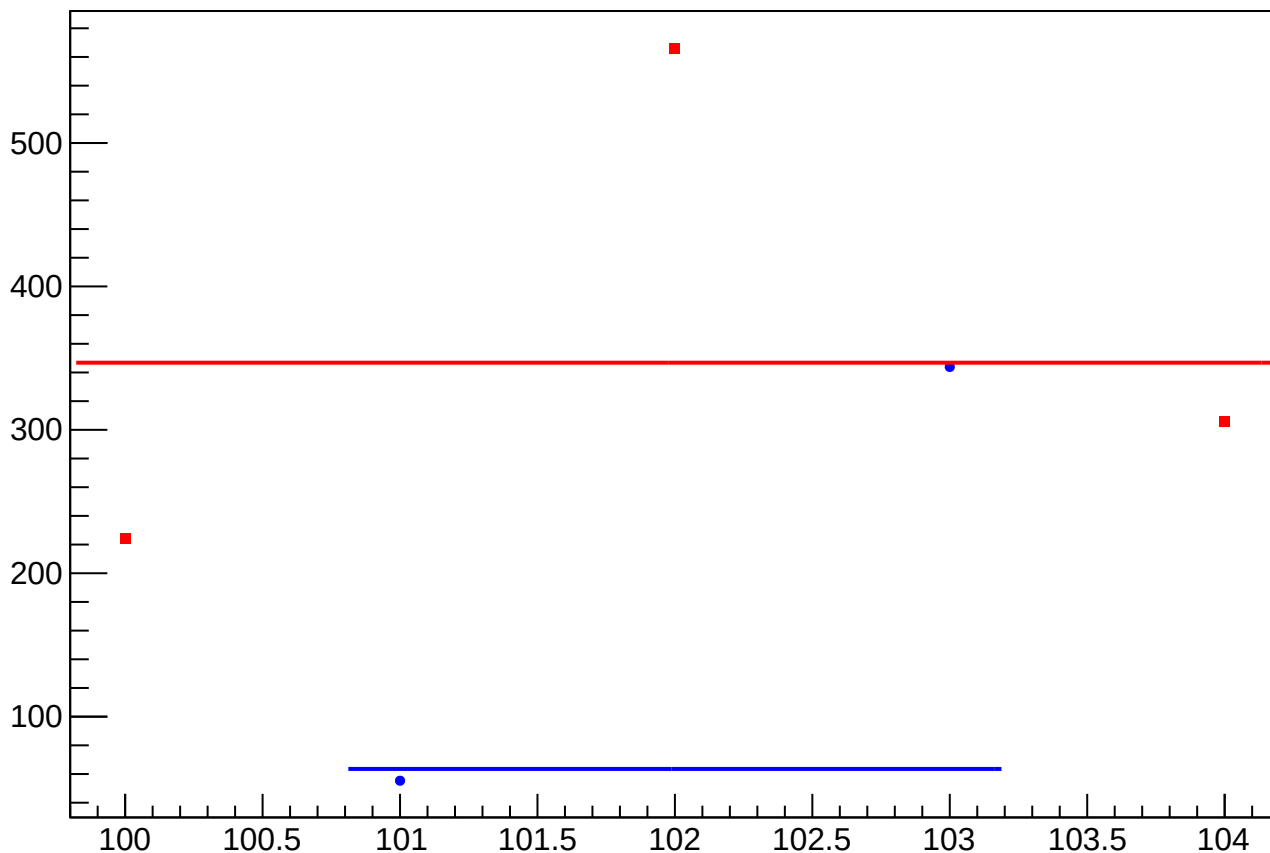
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.819+/-0.252 χ^2/NDF : 215978.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

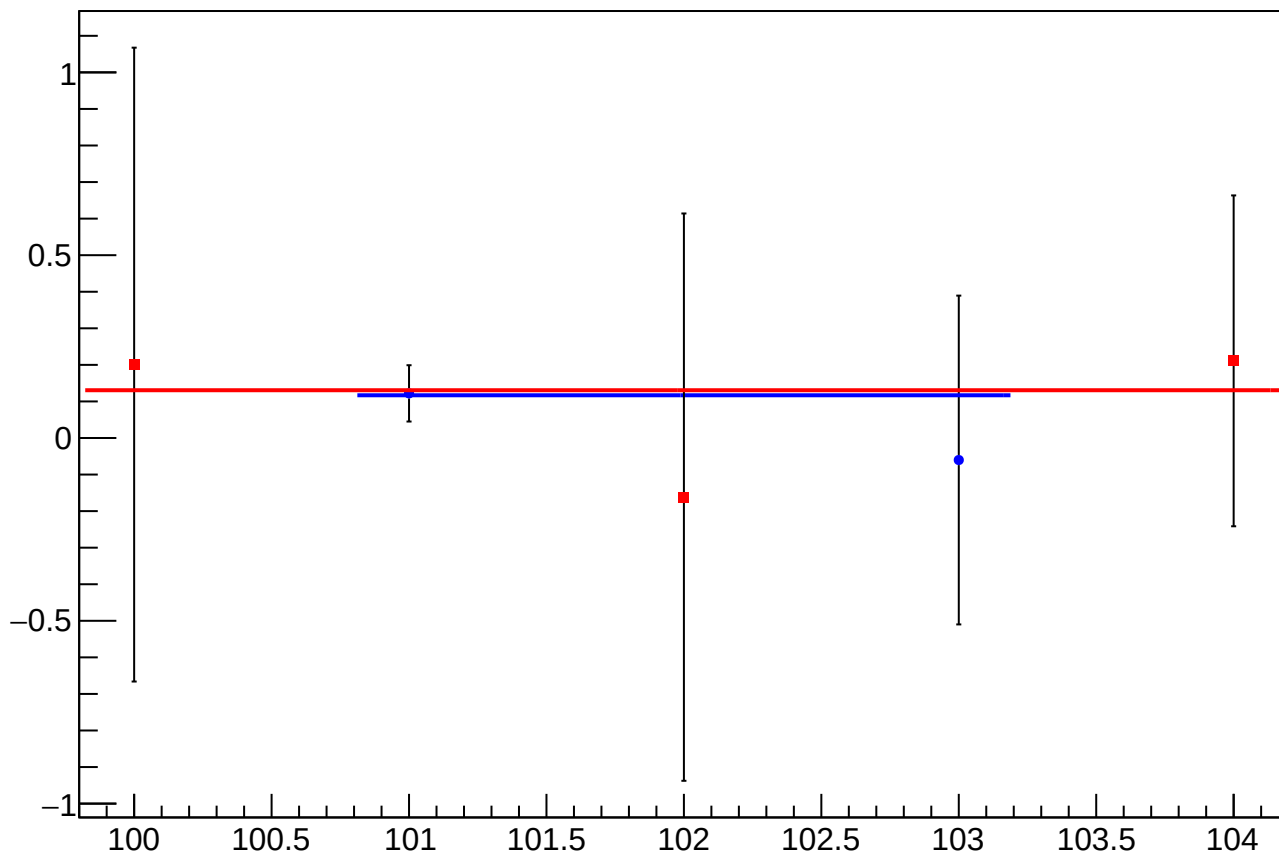
Right: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

In: 63.552+/-0.054 χ^2/NDF : 799946.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.848+/-0.052 χ^2/NDF : 2225110.0/4

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: 0.131 $\pm$ 0.356 χ^2 /NDF: 0.2/2

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

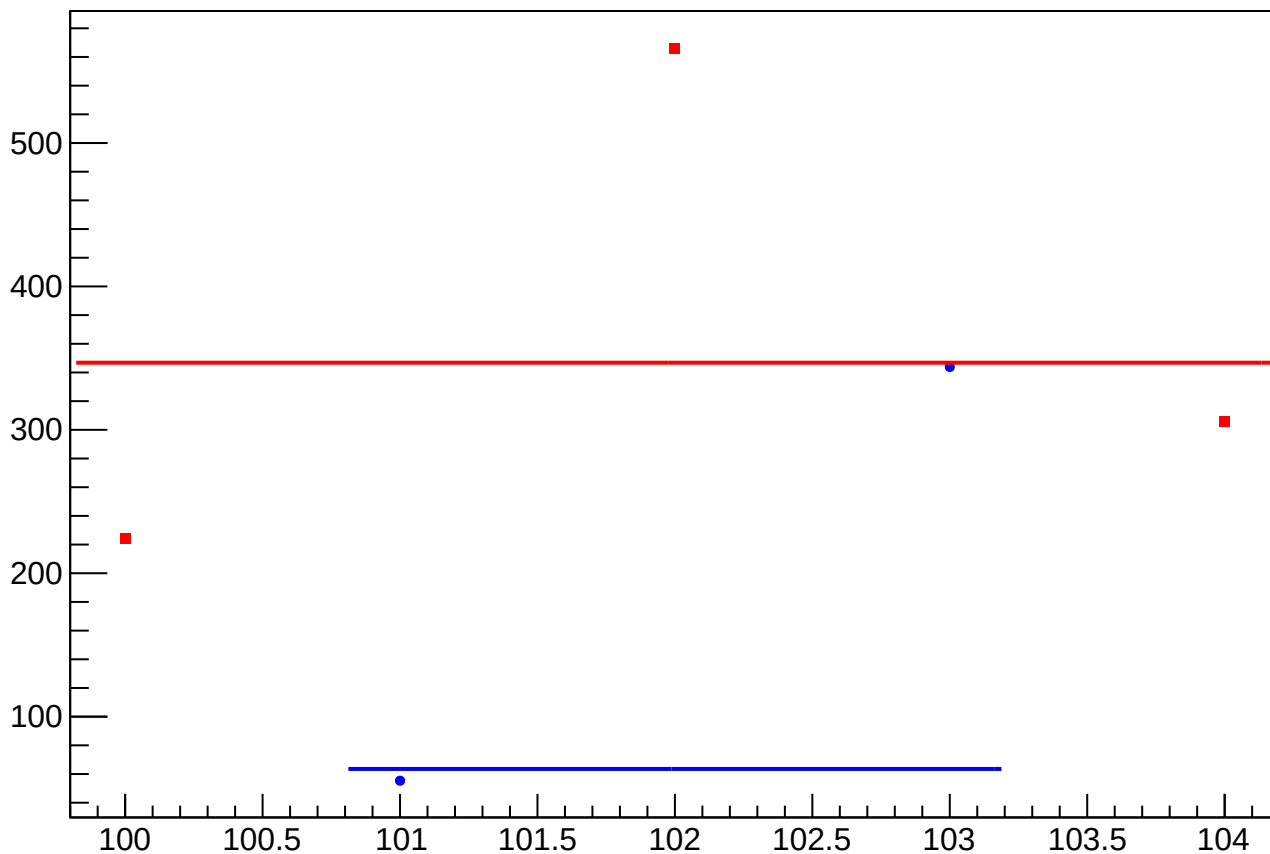
Right: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 0.117 $\pm$ 0.074 χ^2 /NDF: 0.3/4

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: 346.819 $\pm$ 0.252 χ^2 /NDF: 215978.4/2

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

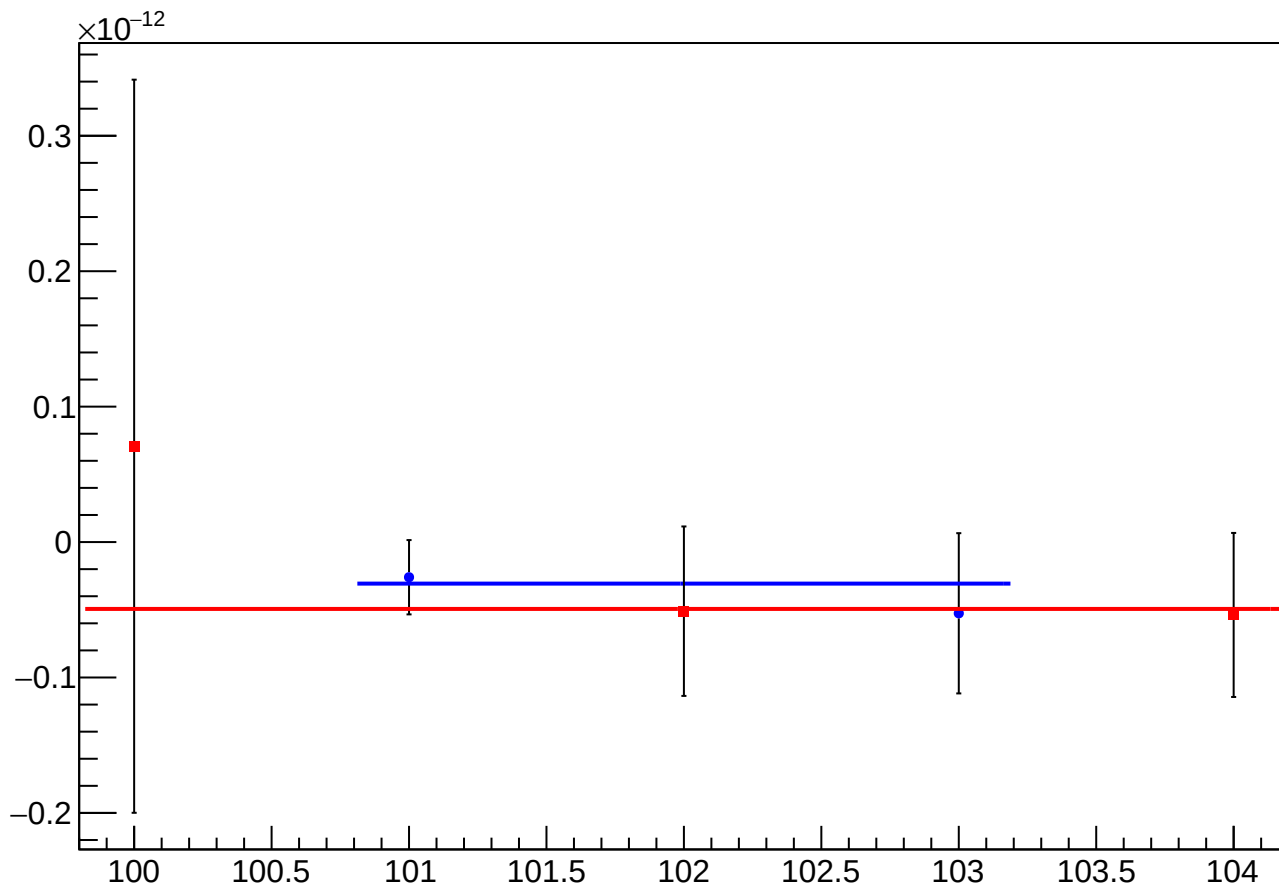
Right: 75.848 $\pm$ 0.052 χ^2 /NDF: 2225110.0/4

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: 75.848 $\pm$ 0.052 χ^2 /NDF: 2225110.0/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

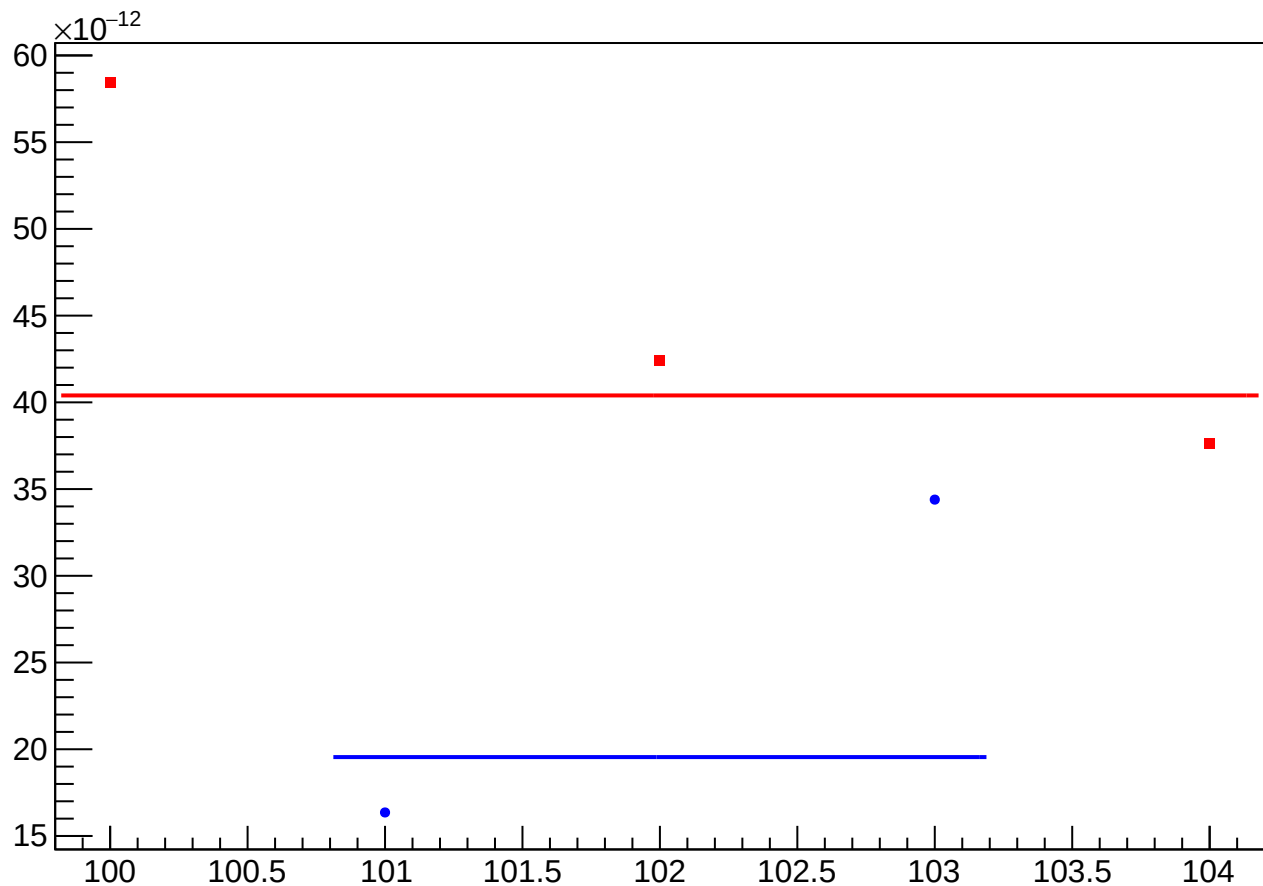
Right: -0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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 : 15065.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

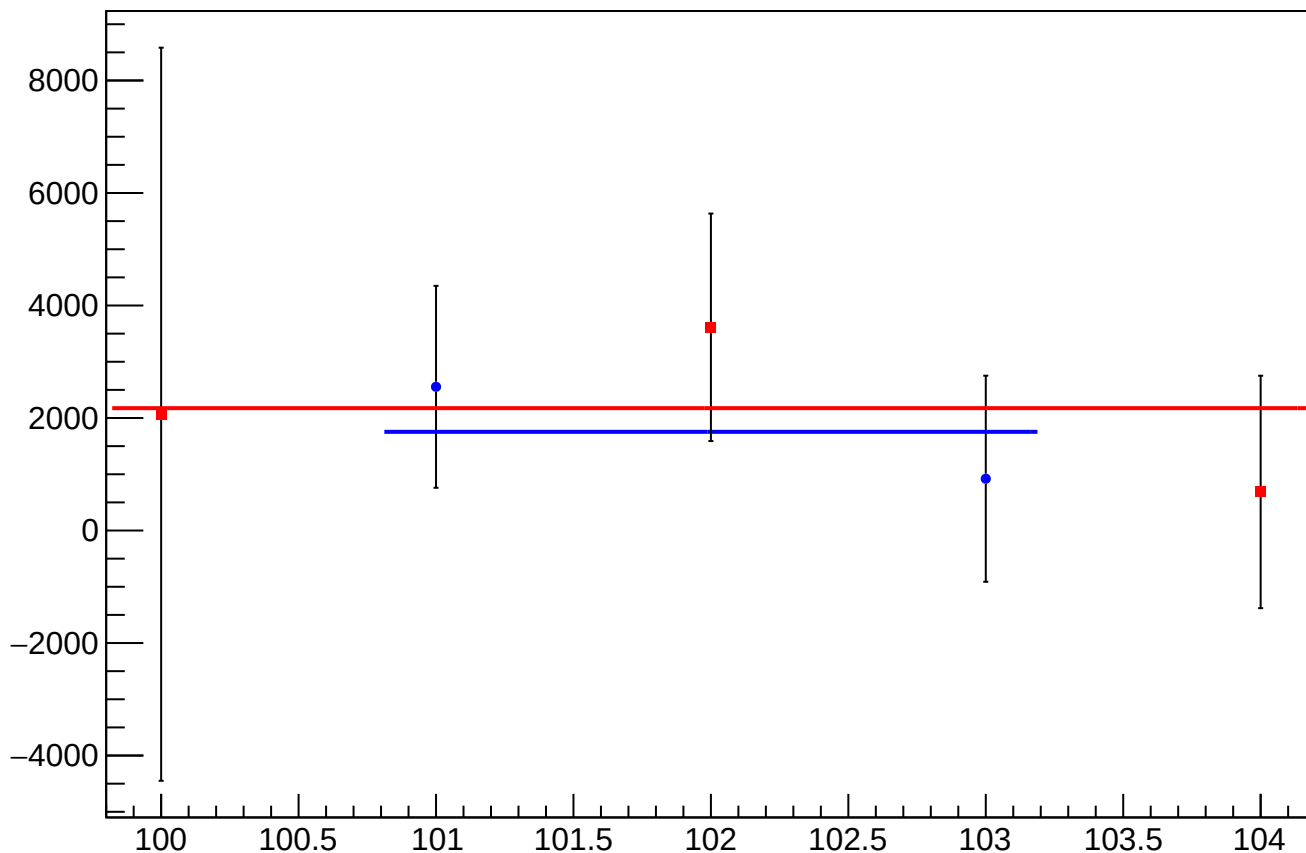
Right: 0.000+/-0.000 χ^2/NDF : 520669.5/4

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 : 520669.5/4

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: 2175.132+/-1410.779 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

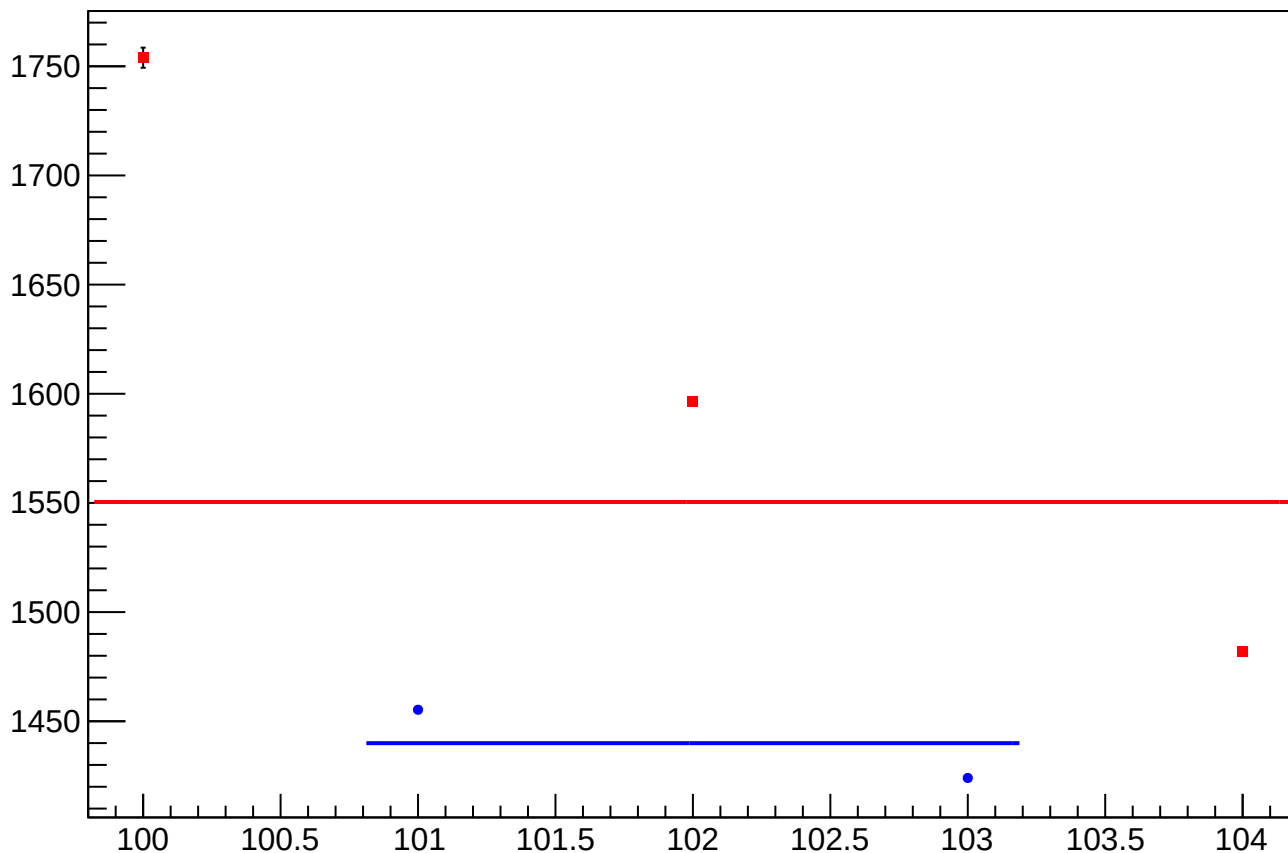
Right: 1944.693+/-948.766 χ^2/NDF : 1.5/4

In: 1754.413+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1944.693+/-948.766 χ^2/NDF : 1.5/4

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: 1550.439+/-0.998 χ^2/NDF : 5195.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

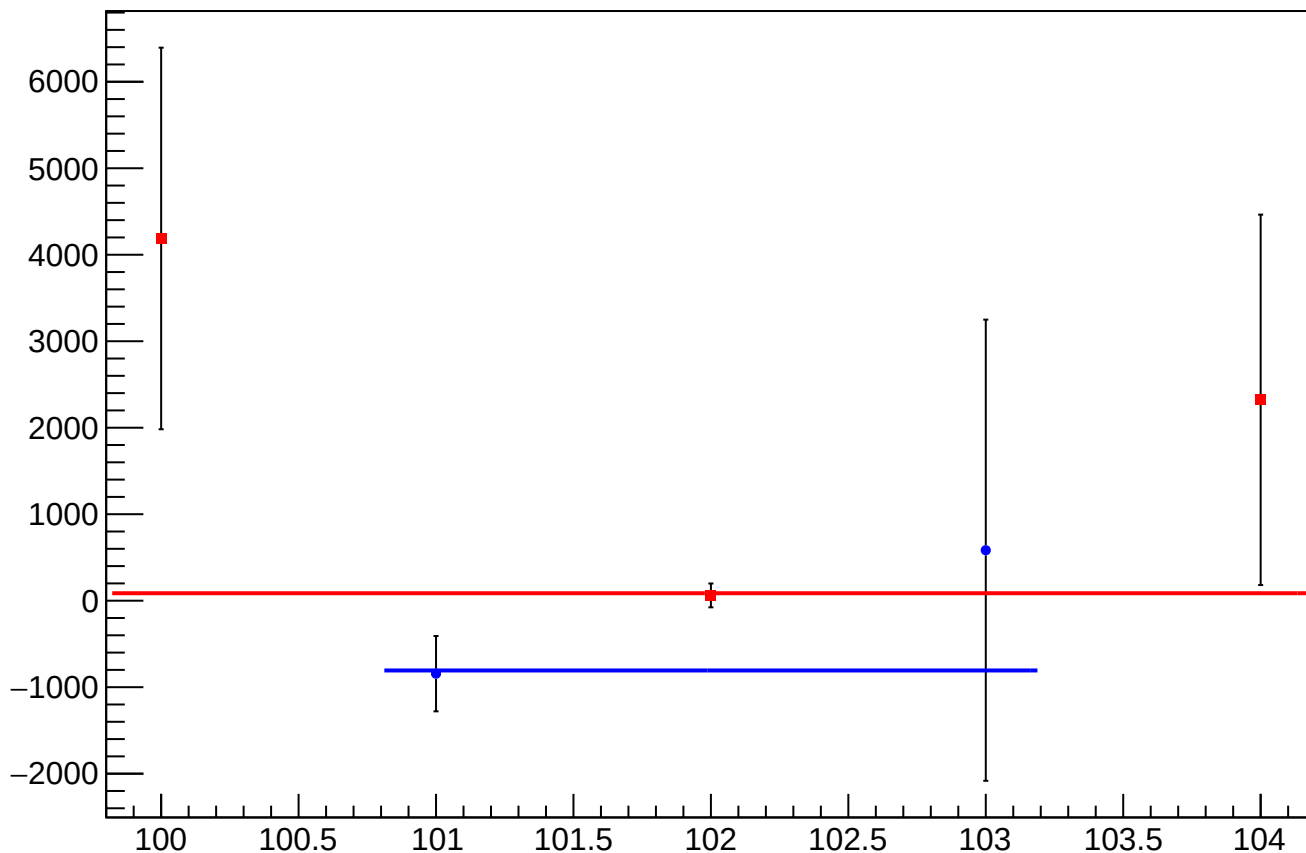
Right: 1489.931+/-0.671 χ^2/NDF : 12208.9/4

In: 1439.968+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.931+/-0.671 χ^2/NDF : 12208.9/4

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -806.612+/-429.711 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.351+/-137.187 χ^2/NDF : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

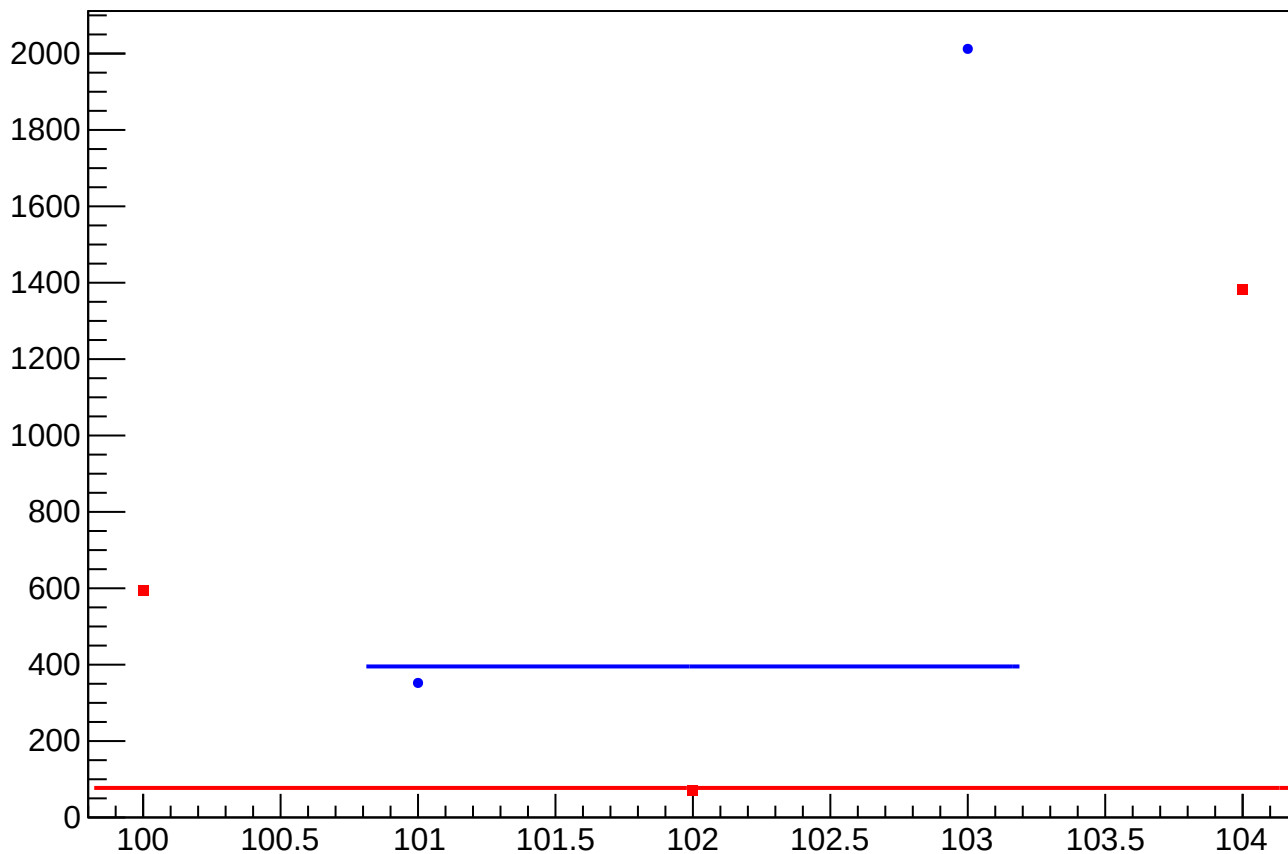
Right: 3.755+/-130.688 χ^2/NDF : 8.8/4

In: -806.612+/-429.711 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.755+/-130.688 χ^2/NDF : 8.8/4

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 395.343+/-0.304 χ^2/NDF : 755333.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.301+/-0.097 χ^2/NDF : 857293.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

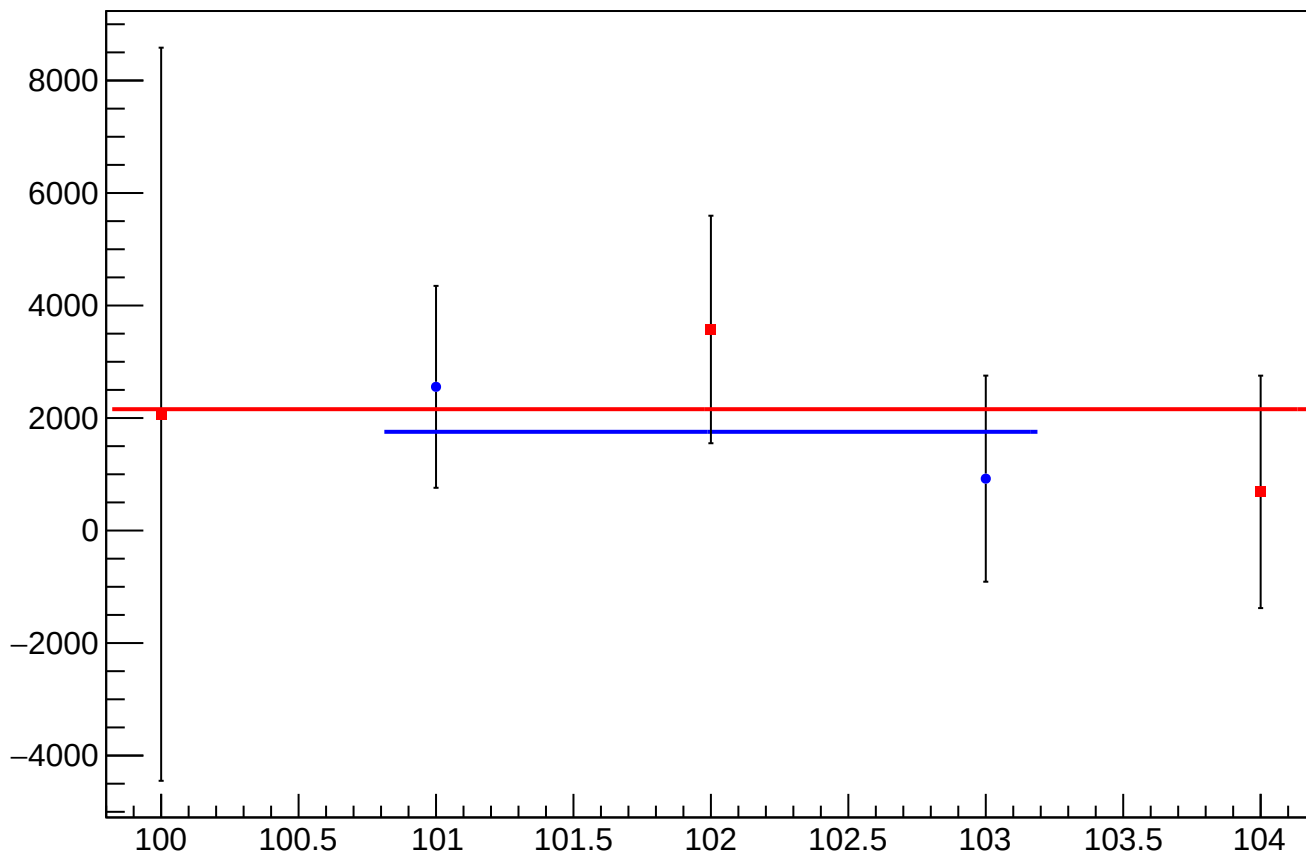
Right: 106.719+/-0.092 χ^2/NDF : 2606875.3/4

In: 395.343+/-0.304 χ^2/NDF : 755333.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.719+/-0.092 χ^2/NDF : 2606875.3/4

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1755.054 $\pm$ 1281.968 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2157.199 $\pm$ 1410.859 χ^2 /NDF: 1.0/2

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

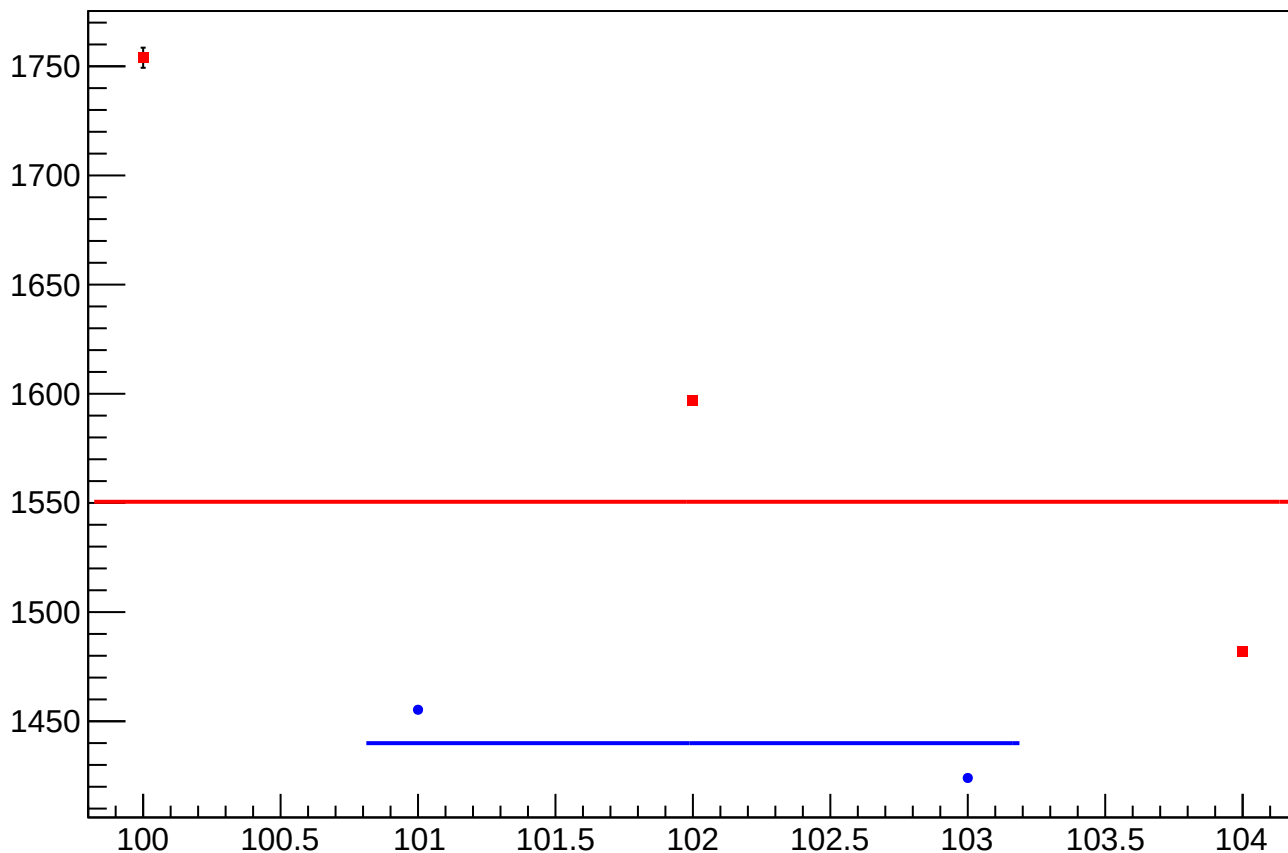
Right: 1936.922 $\pm$ 948.791 χ^2 /NDF: 1.4/4

In: 1755.054 $\pm$ 1281.968 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1936.922 $\pm$ 948.791 χ^2 /NDF: 1.4/4

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: 1550.531+/-0.998 χ^2/NDF : 5203.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

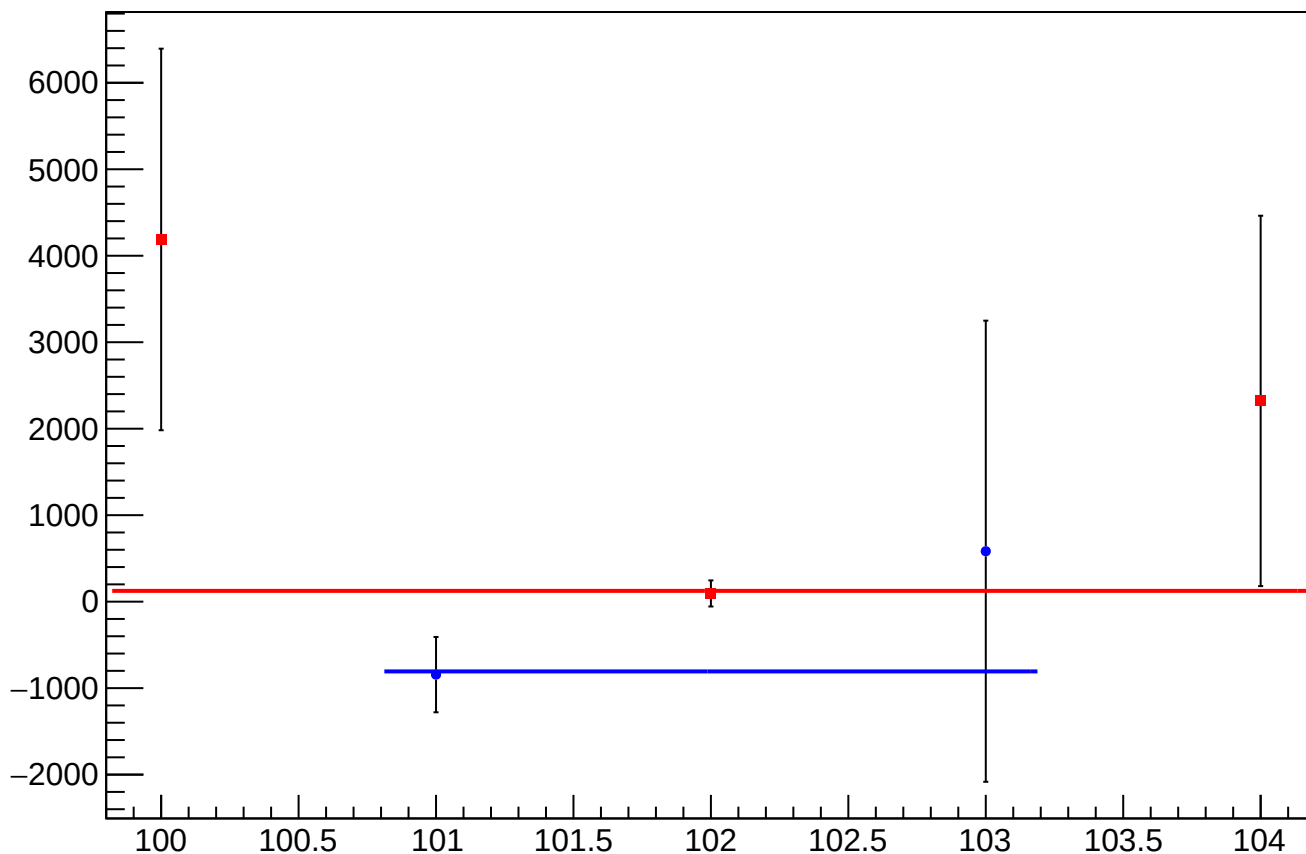
Right: 1489.970+/-0.671 χ^2/NDF : 12228.5/4

In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.970+/-0.671 χ^2/NDF : 12228.5/4

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -806.749 $\pm$ 429.711 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 124.749 $\pm$ -150.038 χ^2 /NDF: 4.5/2

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

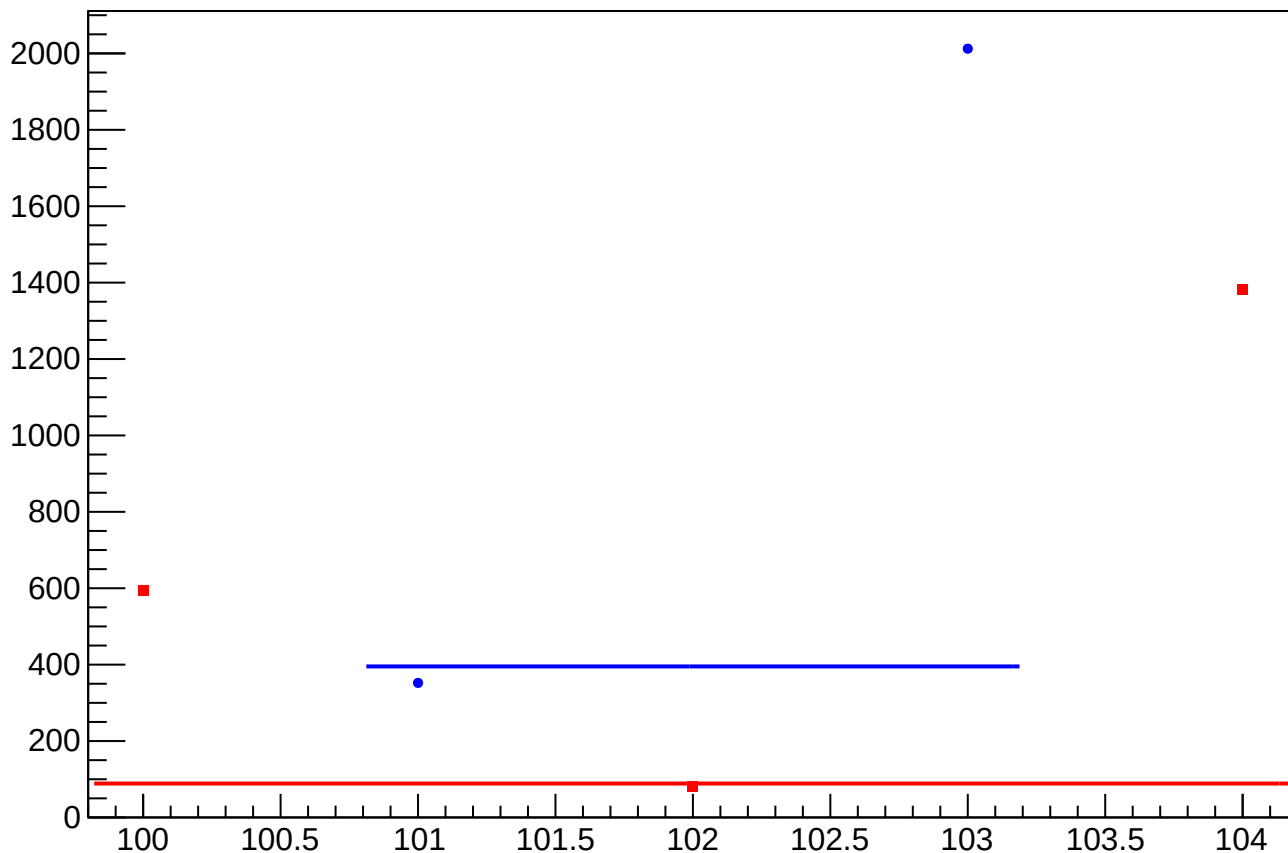
Right: 23.528 $\pm$ -141.652 χ^2 /NDF: 9.0/4

In: -806.749 $\pm$ -429.711 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 23.528 $\pm$ -141.652 χ^2 /NDF: 9.0/4

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: 88.815+/-0.106 χ^2/NDF : 840409.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

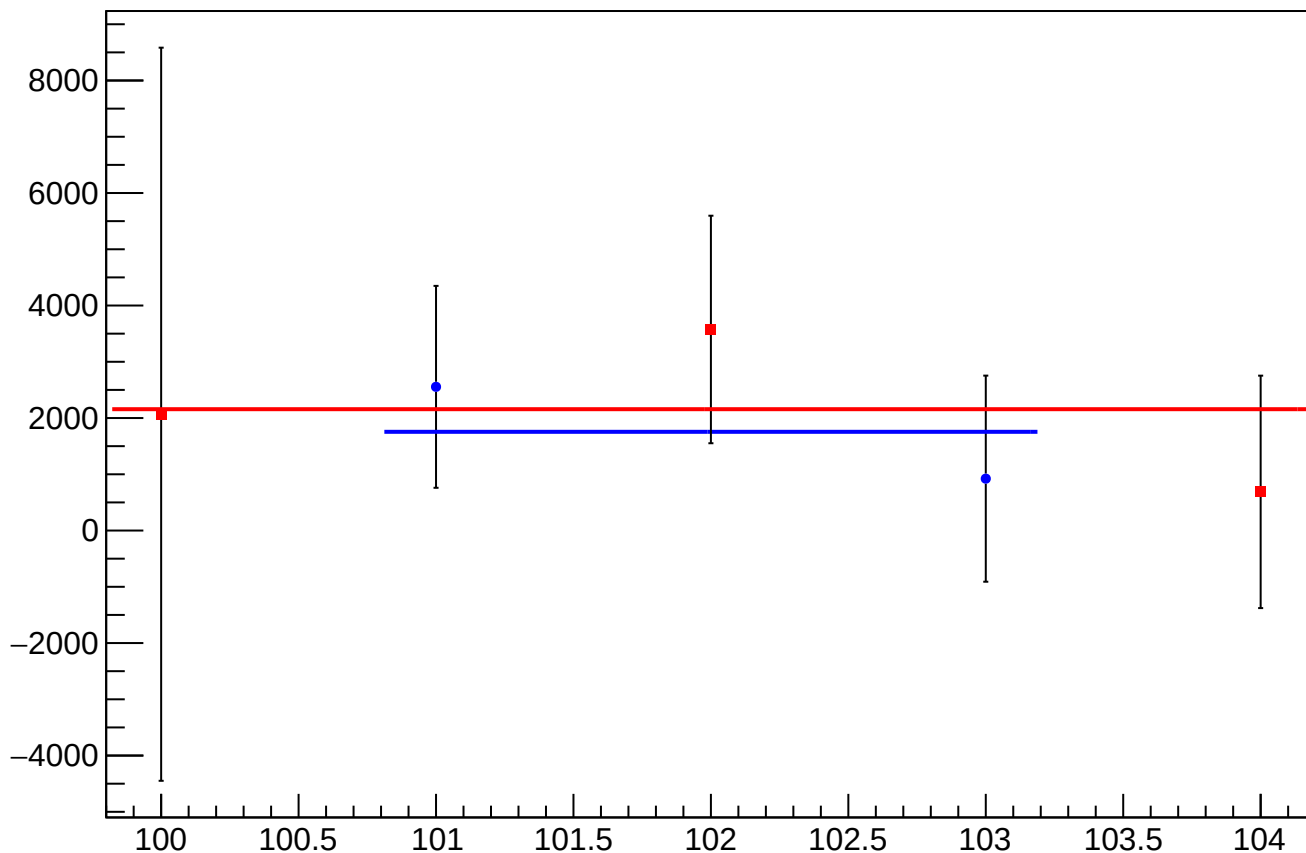
Right: 122.123+/-0.100 χ^2/NDF : 2502841.4/4

In: 395.339+/-0.304 χ^2/NDF : 755344.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.123+/-0.100 χ^2/NDF : 2502841.4/4

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: 2157.199+/-1410.859 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

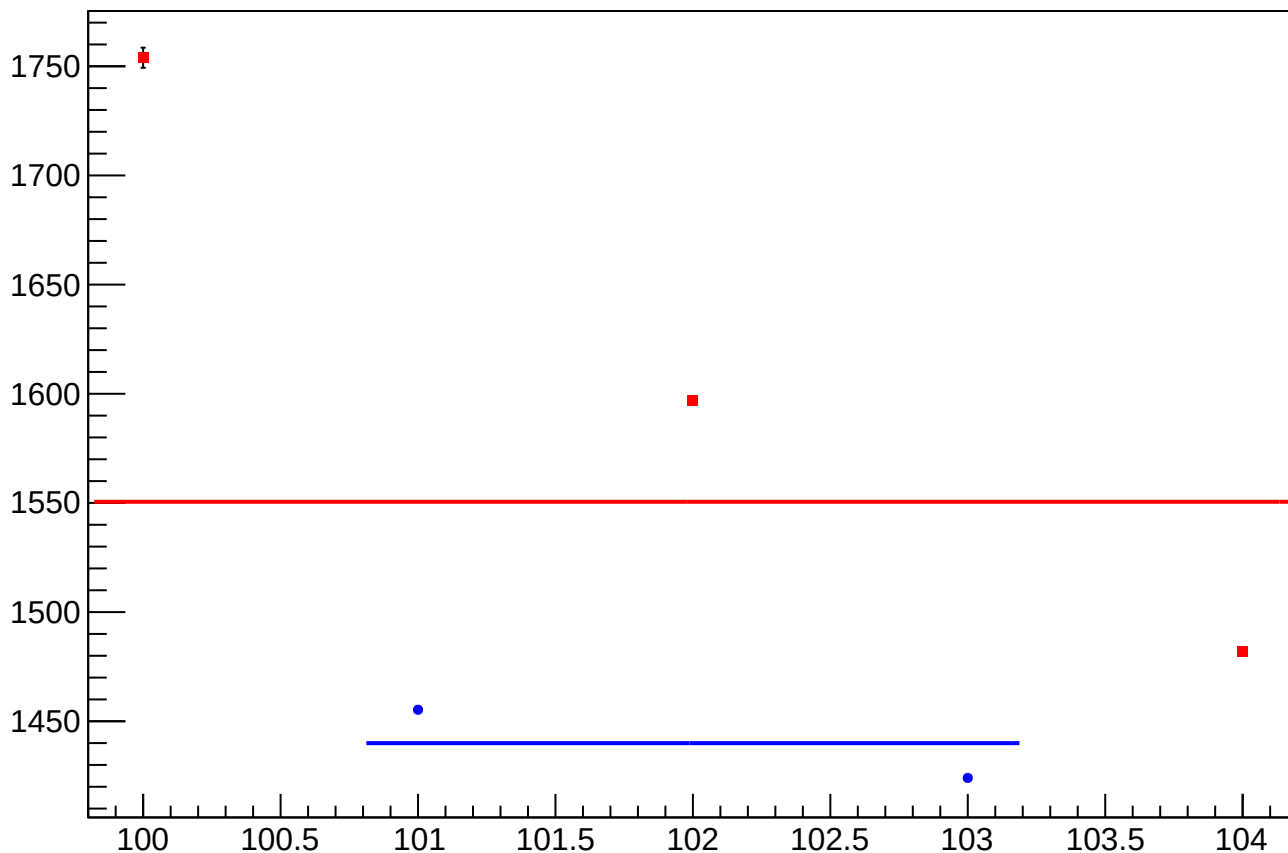
Right: 1936.922+/-948.791 χ^2/NDF : 1.4/4

In: 1755.054+/-1281.968 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.922+/-948.791 χ^2/NDF : 1.4/4

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: 1550.531+/-0.998 χ^2/NDF : 5203.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

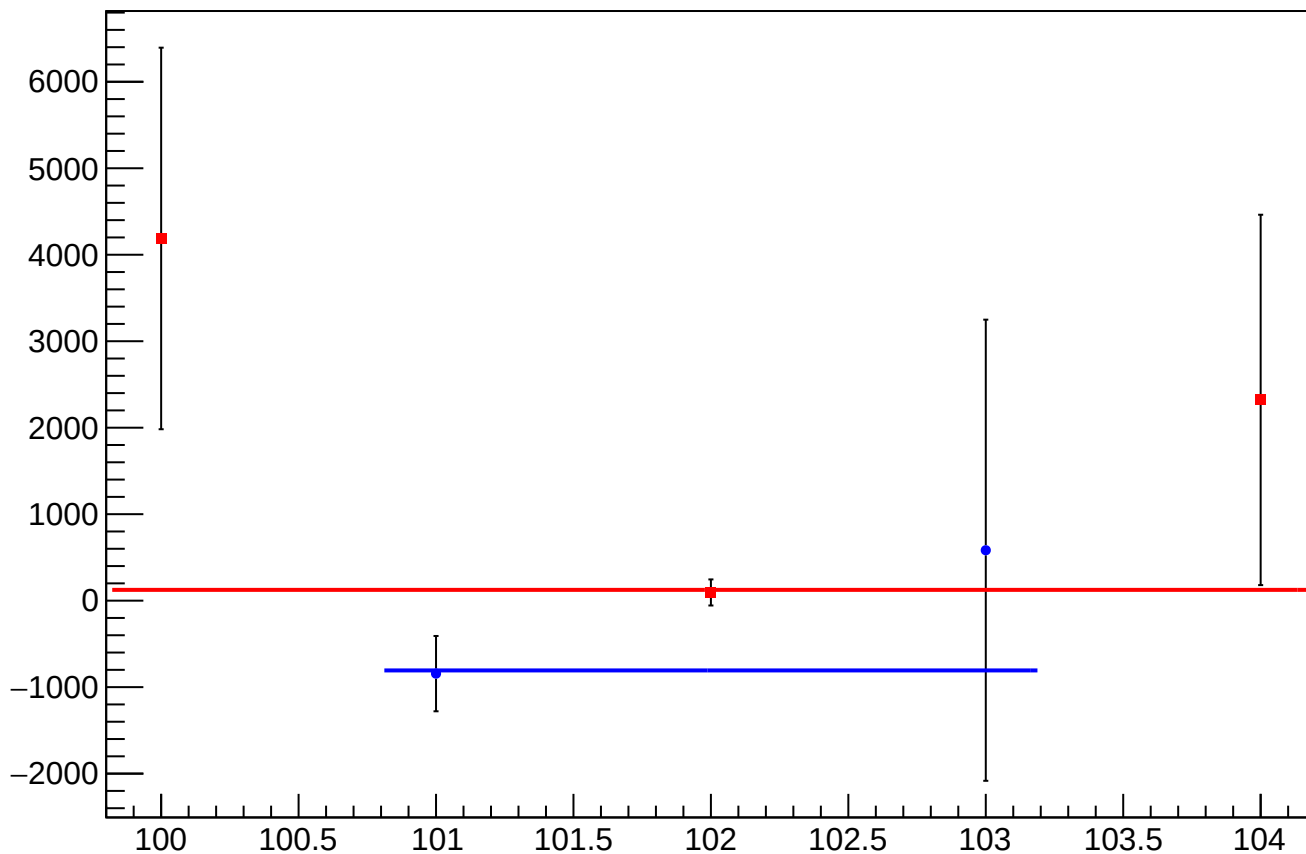
Right: 1489.970+/-0.671 χ^2/NDF : 12228.5/4

In: 1439.969+/-0.906 χ^2/NDF : 296.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.970+/-0.671 χ^2/NDF : 12228.5/4

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: 124.749+/-150.038 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

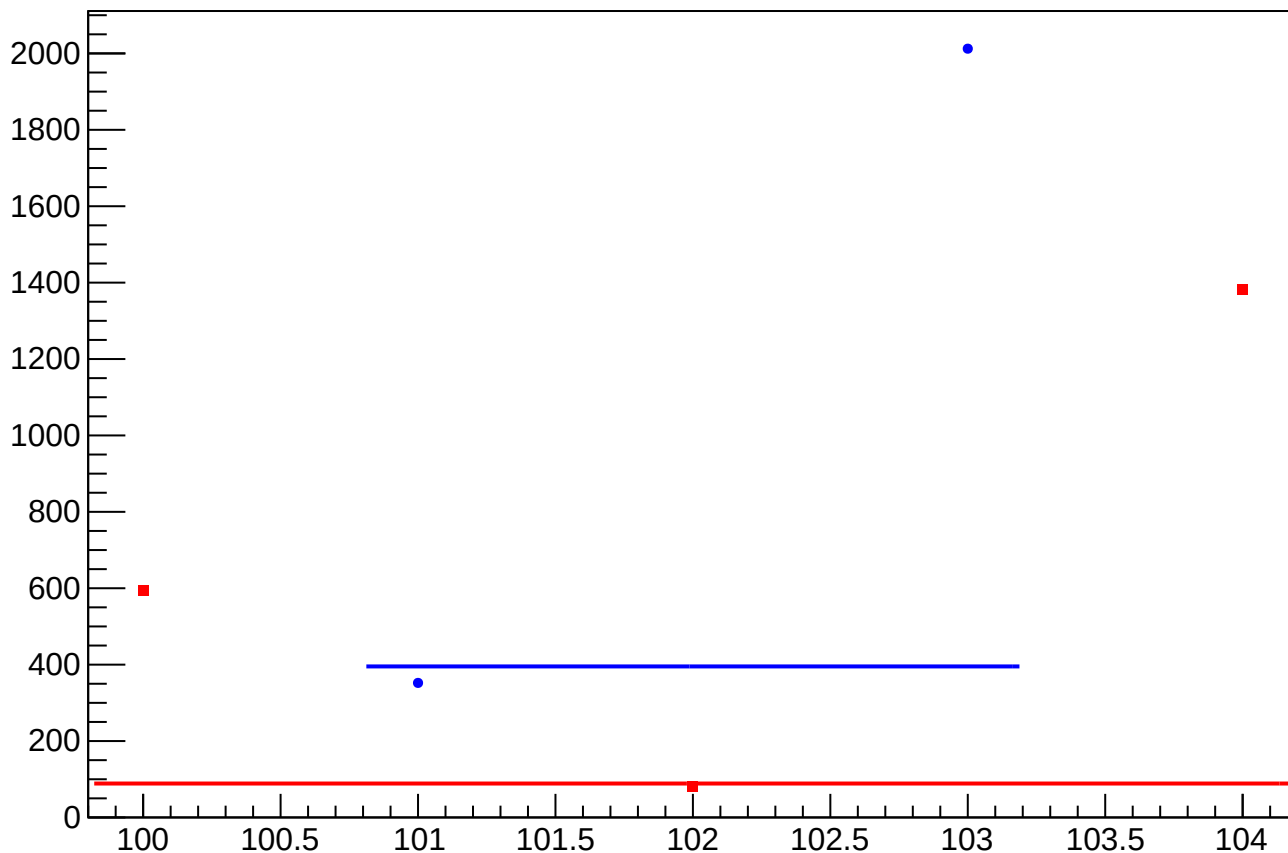
Right: 23.528+/-141.652 χ^2/NDF : 9.0/4

In: -806.749+/-429.711 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.528+/-141.652 χ^2/NDF : 9.0/4

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 395.339 ± 0.304 $\chi^2/\text{NDF}: 755344.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 88.815 ± 0.106 $\chi^2/\text{NDF}: 840409.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

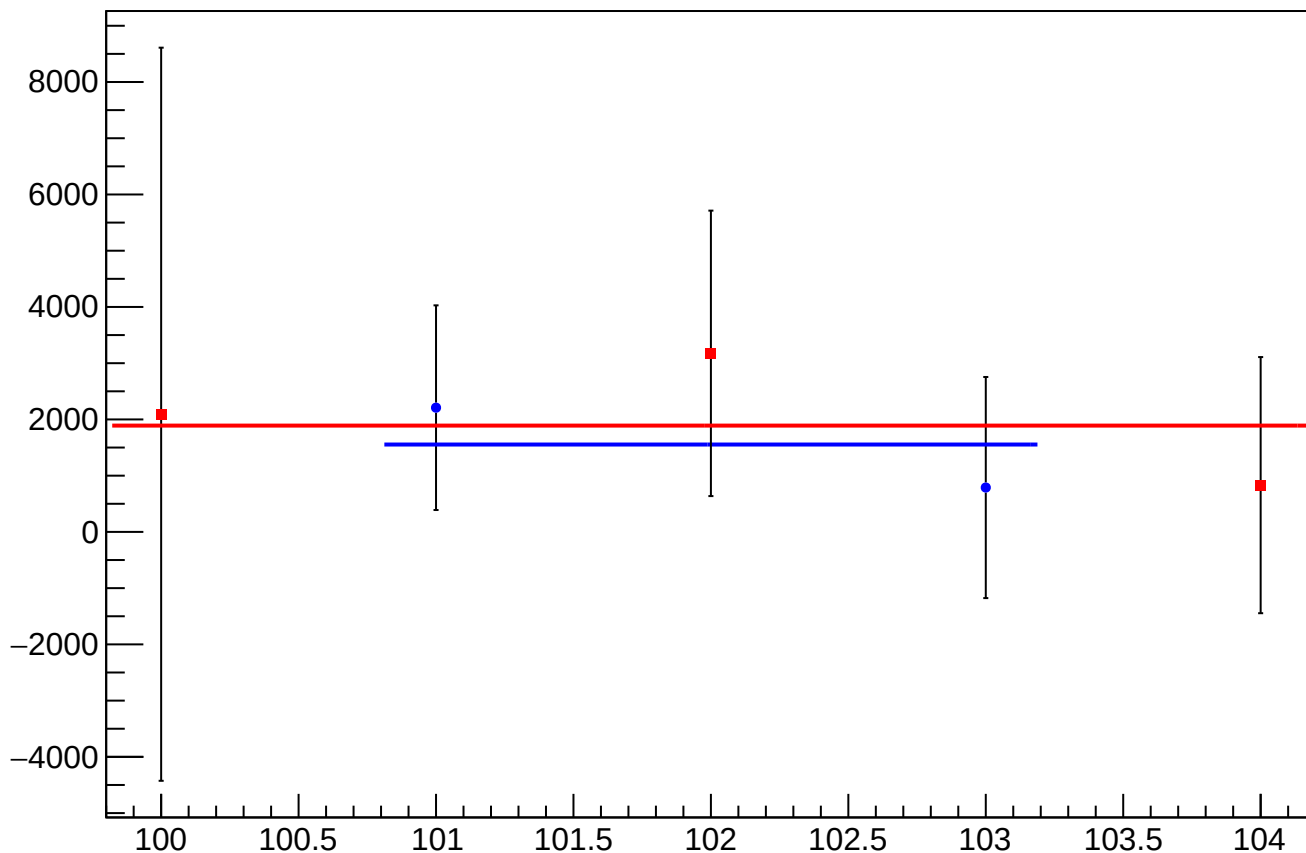
Right: 122.123 ± 0.100 $\chi^2/\text{NDF}: 2502841.4/4$

In: 395.339 ± 0.304 $\chi^2/\text{NDF}: 755344.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 122.123 ± 0.100 $\chi^2/\text{NDF}: 2502841.4/4$

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: 1890.380+/-1640.412 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

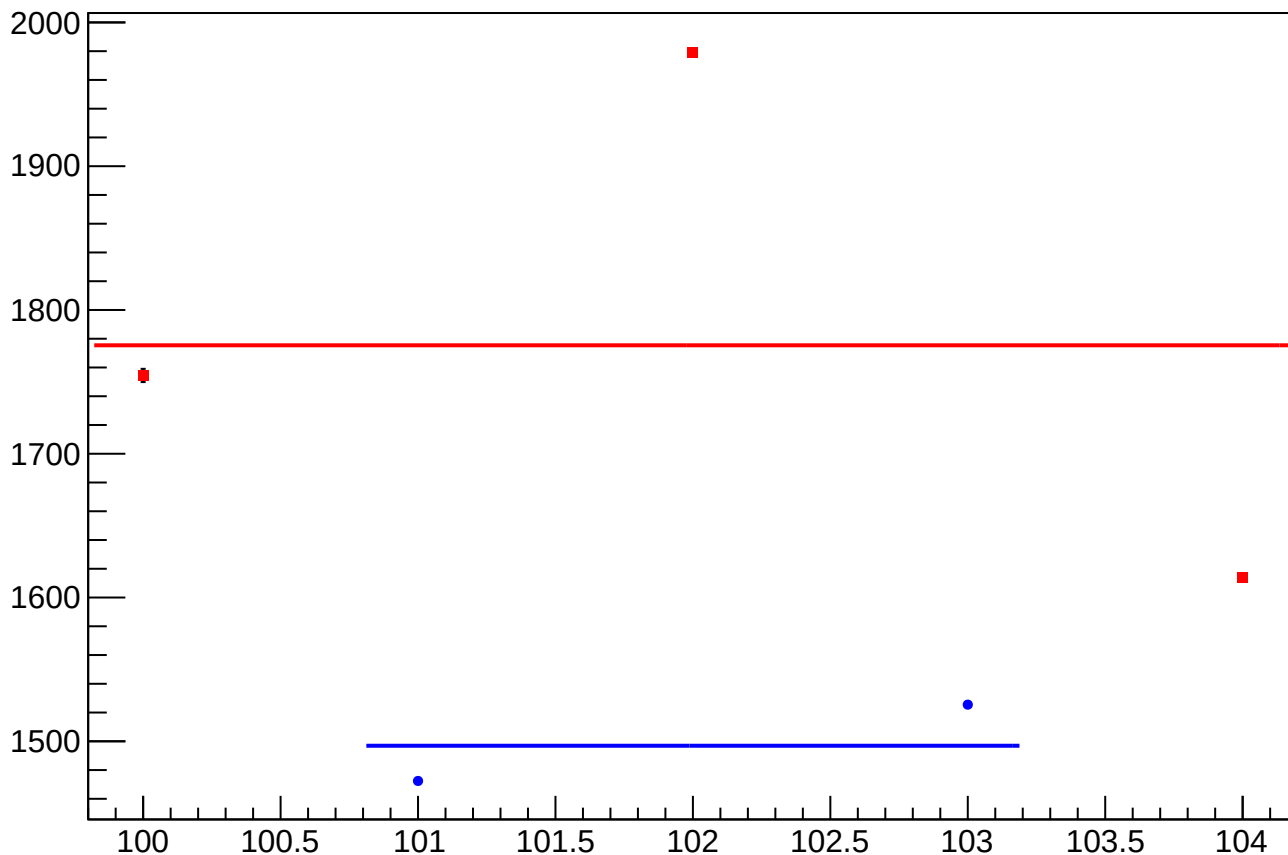
Right: 1687.858+/-1035.622 χ^2/NDF : 0.8/4

In: 1553.650+/-1335.385 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.858+/-1035.622 χ^2/NDF : 0.8/4

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.906 $\pm$ 0.944 χ^2 /NDF: 784.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1775.432 $\pm$ 1.160 χ^2 /NDF: 22985.4/2

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

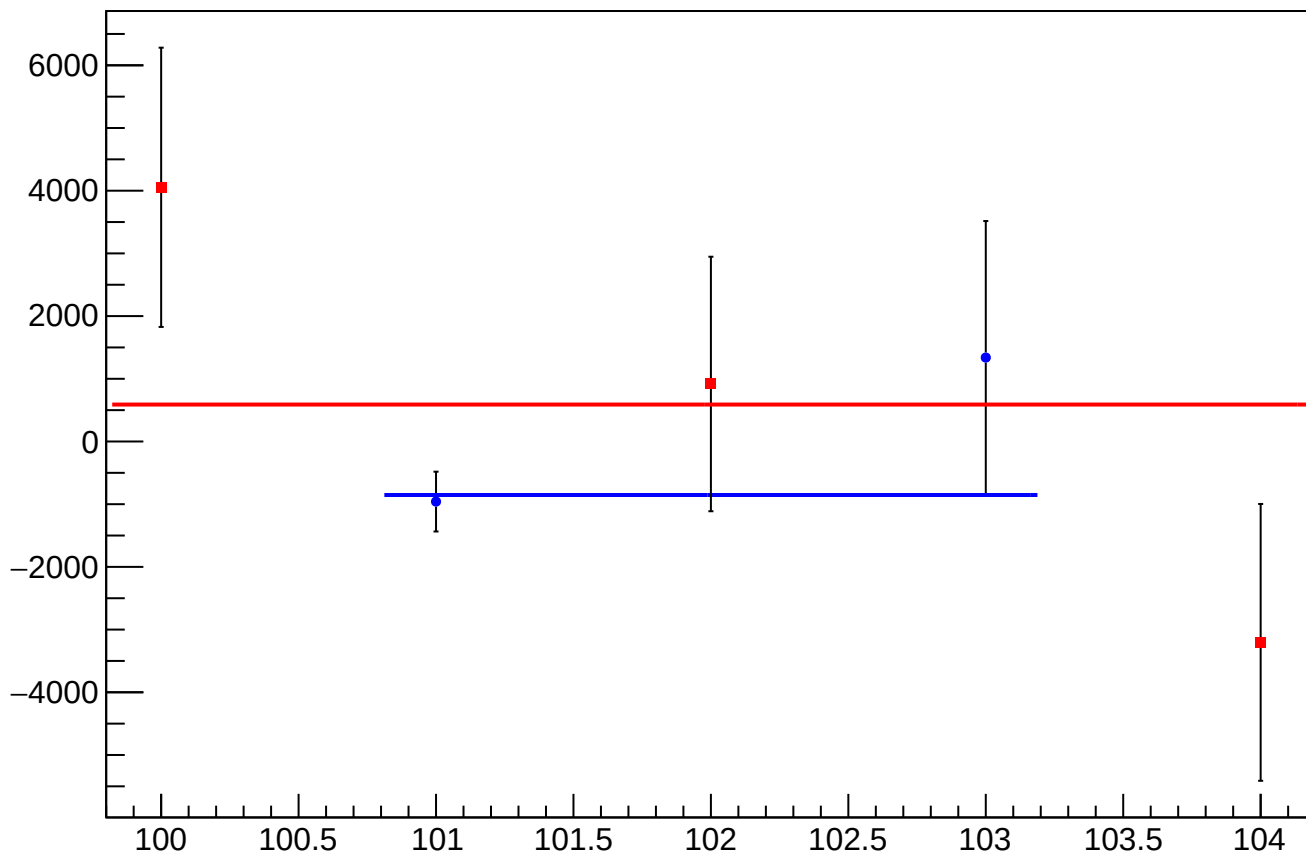
Right: 1607.916 $\pm$ 0.732 χ^2 /NDF: 58447.6/4

In: 1496.906 $\pm$ 0.944 χ^2 /NDF: 784.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1607.916 $\pm$ 0.732 χ^2 /NDF: 58447.6/4

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: 589.215+/-1240.792 χ^2 /NDF: 5.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

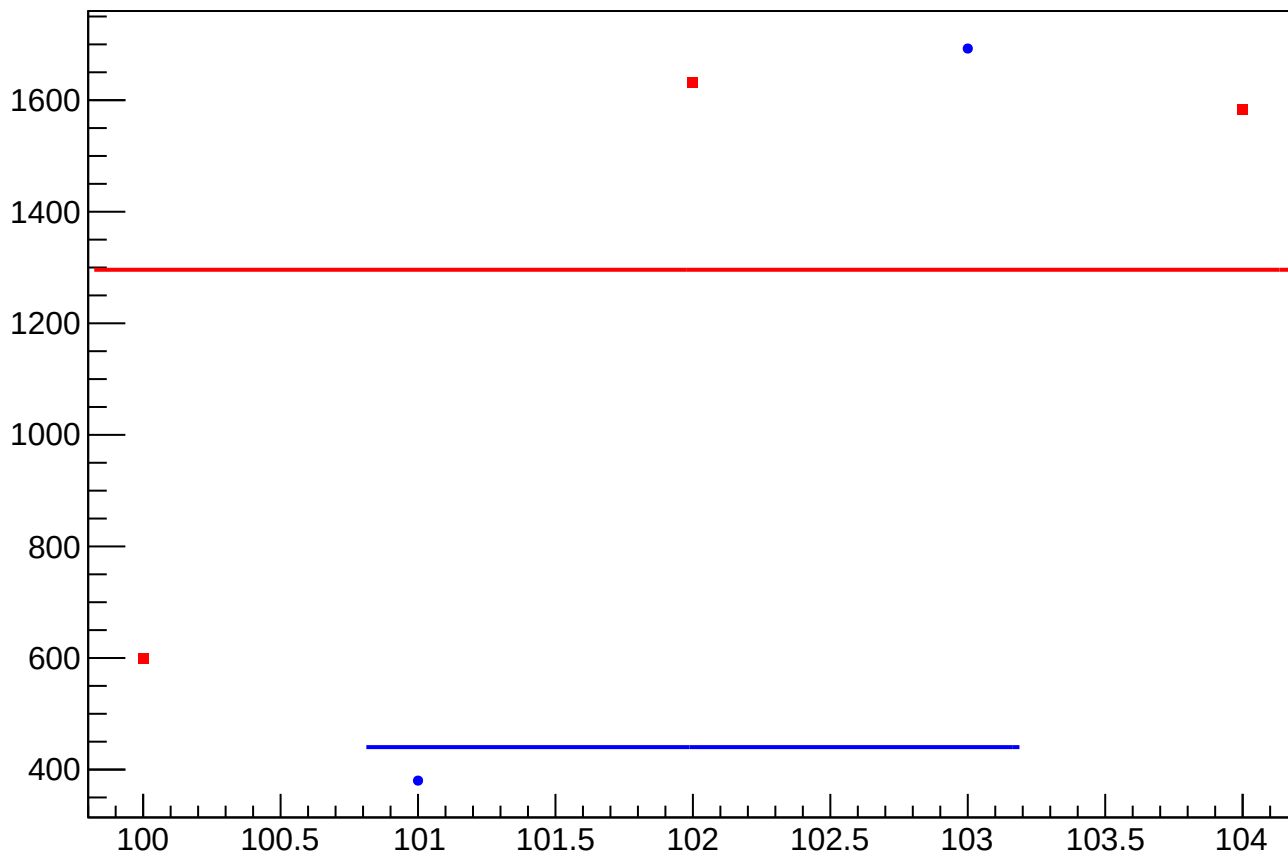
Right: -675.177+/-436.118 χ^2 /NDF: 7.6/4

In: -853.399+/-465.842 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -675.177+/-436.118 χ^2 /NDF: 7.6/4

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: 1295.962+/-0.877 χ^2/NDF : 284189.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

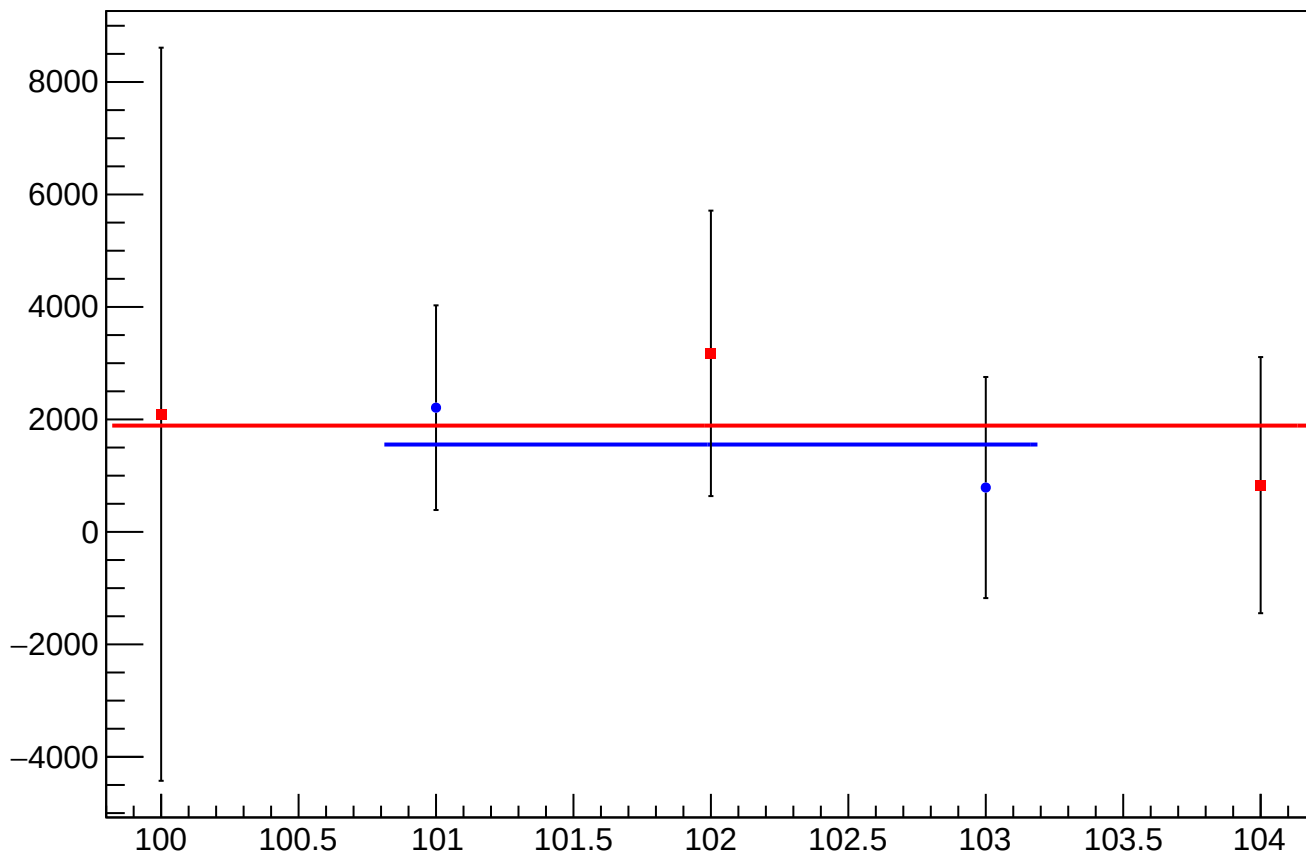
Right: 545.969+/-0.308 χ^2/NDF : 1810931.5/4

In: 440.254+/-0.329 χ^2/NDF : 693031.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.969+/-0.308 χ^2/NDF : 1810931.5/4

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: 1890.370+/-1640.411 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

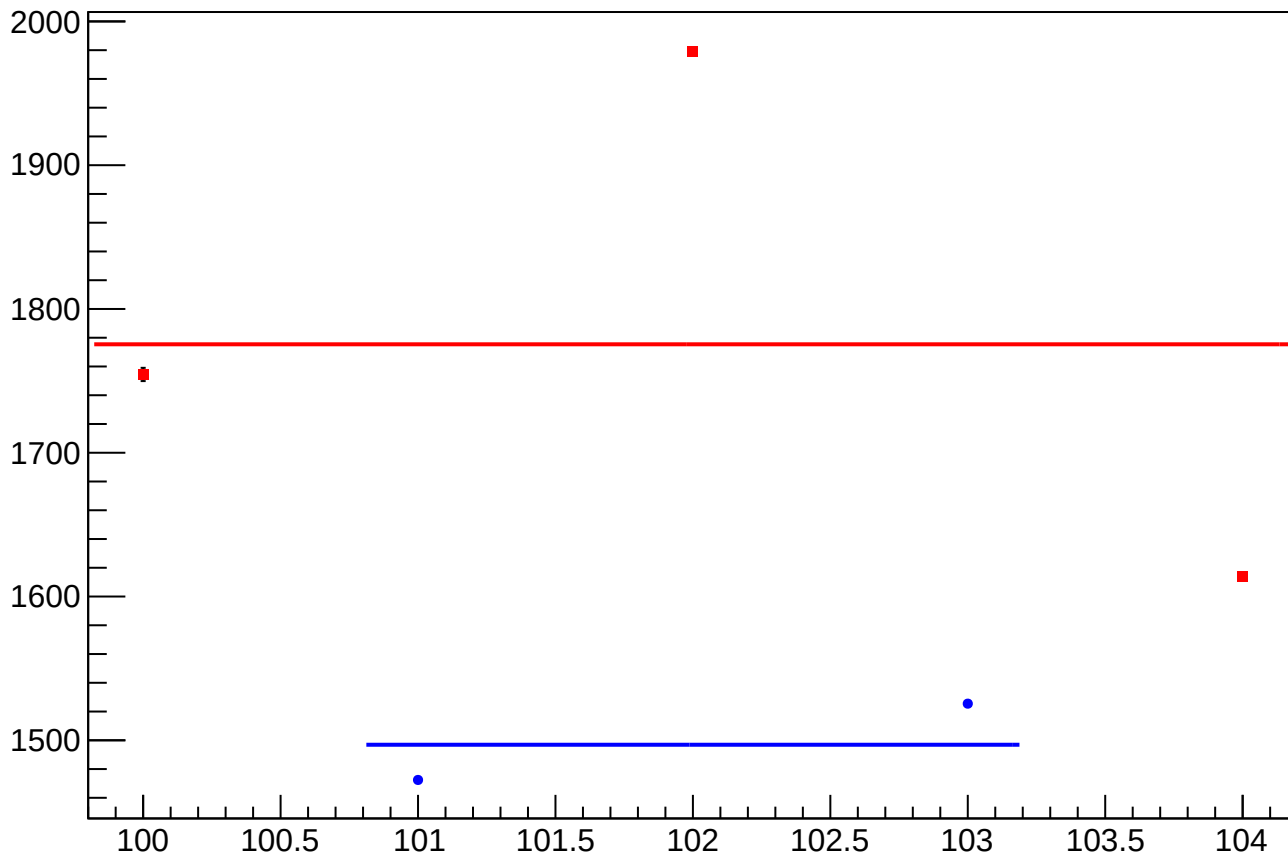
Right: 1687.850+/-1035.622 χ^2/NDF : 0.8/4

In: 1553.643+/-1335.383 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1687.850+/-1035.622 χ^2/NDF : 0.8/4

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1496.904+/-0.944 χ^2/NDF : 784.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1775.430+/-1.160 χ^2/NDF : 22985.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

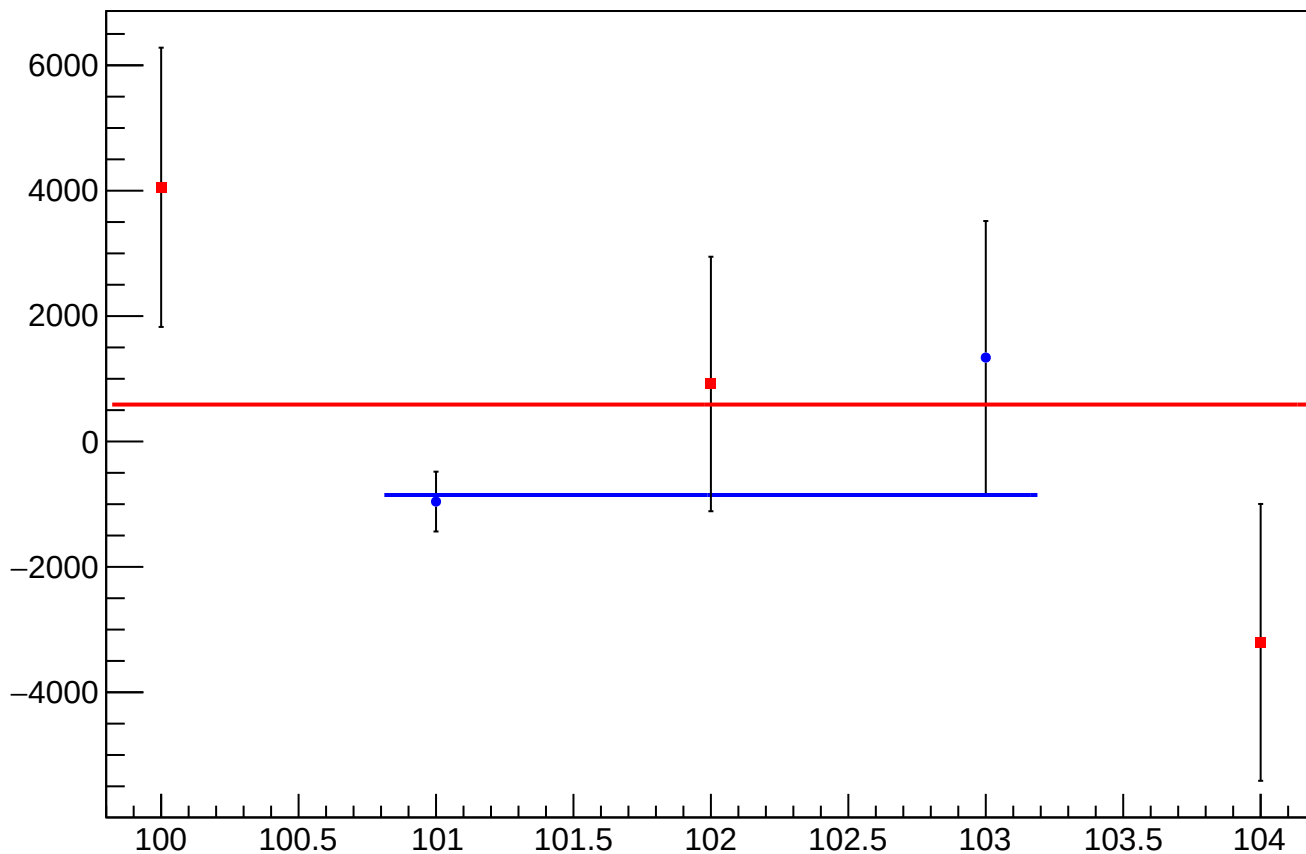
Right: 1607.914+/-0.732 χ^2/NDF : 58447.8/4

In: 1496.904+/-0.944 χ^2/NDF : 784.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.914+/-0.732 χ^2/NDF : 58447.8/4

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -853.402 $\pm$ 465.843 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 589.215 $\pm$ 1240.796 χ^2 /NDF: 5.4/2

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

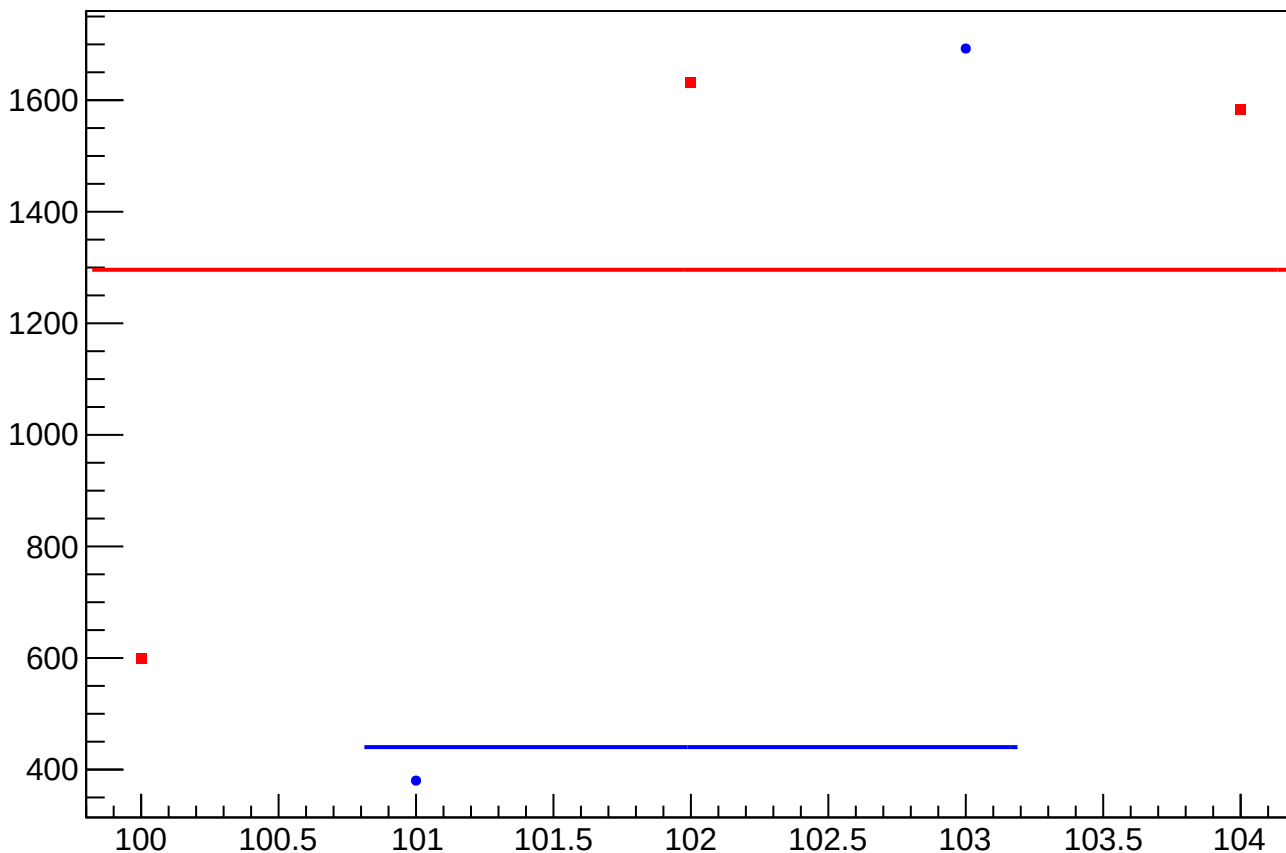
Right: -675.180 $\pm$ 436.119 χ^2 /NDF: 7.6/4

In: -853.402 $\pm$ 465.843 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -675.180 $\pm$ 436.119 χ^2 /NDF: 7.6/4

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: 1295.966+/-0.877 χ^2/NDF : 284189.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

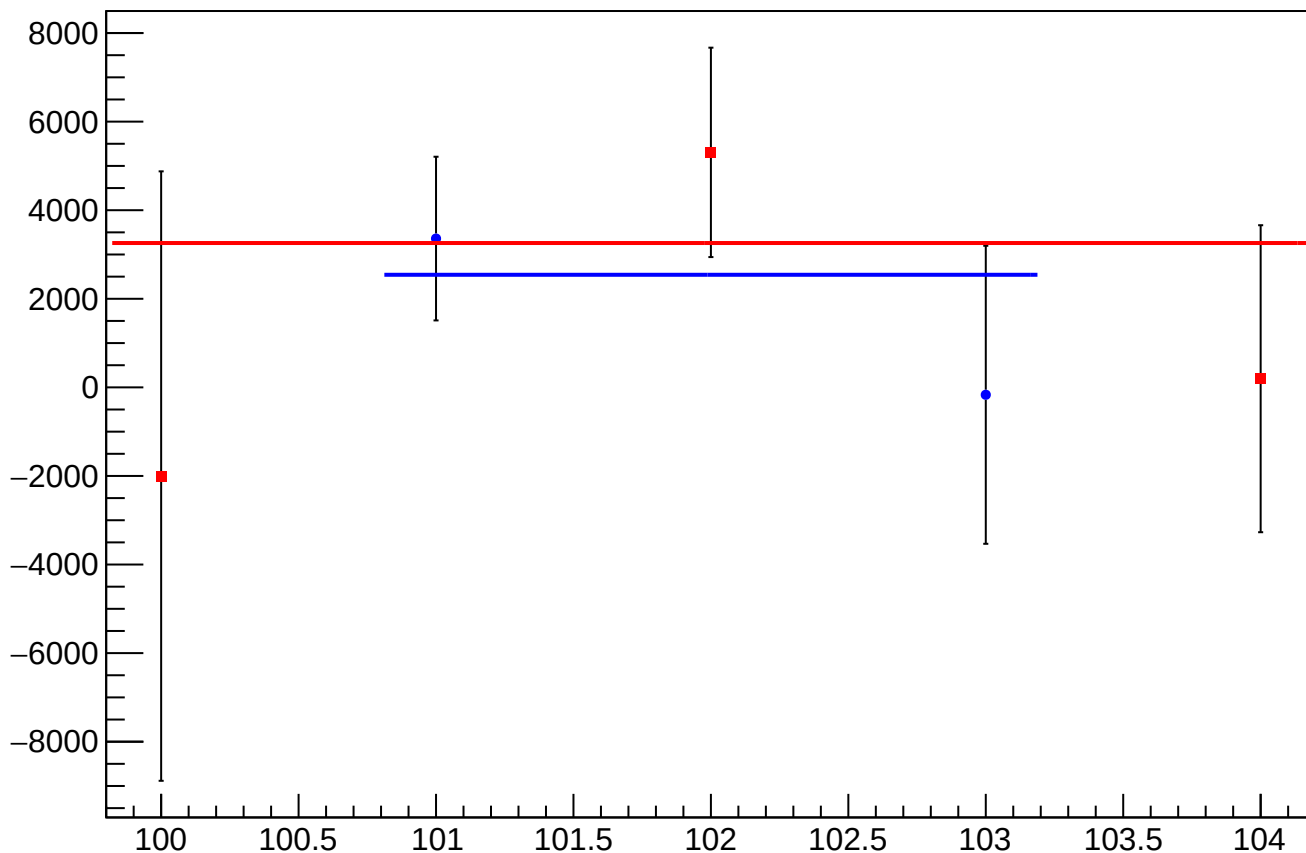
Right: 545.970+/-0.308 χ^2/NDF : 1810932.9/4

In: 440.255+/-0.329 χ^2/NDF : 693031.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 545.970+/-0.308 χ^2/NDF : 1810932.9/4

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: 3259.131+/-1878.703 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

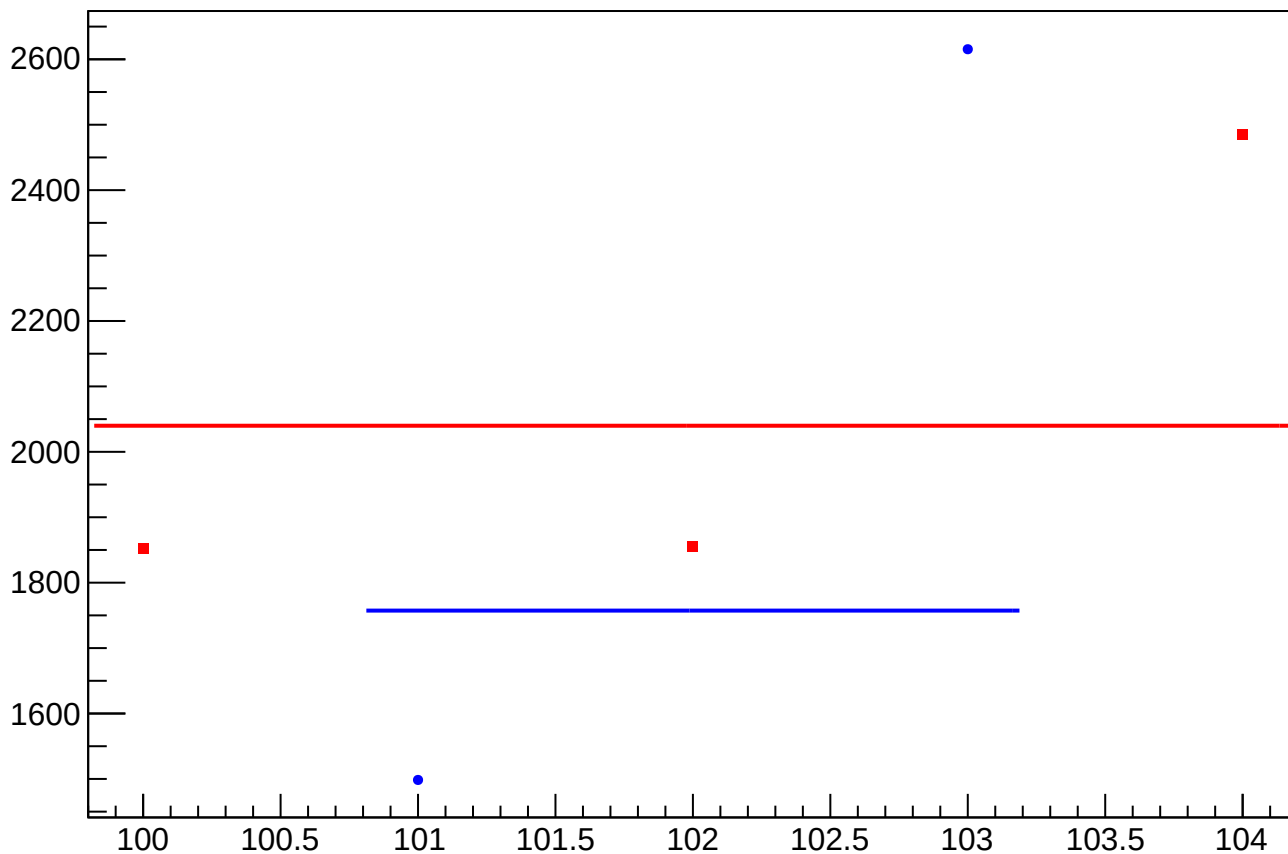
Right: 2847.777+/-1226.715 χ^2/NDF : 3.0/4

In: 2542.043+/-1619.654 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2847.777+/-1226.715 χ^2/NDF : 3.0/4

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: 2039.891+/-1.328 χ^2/NDF : 46640.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

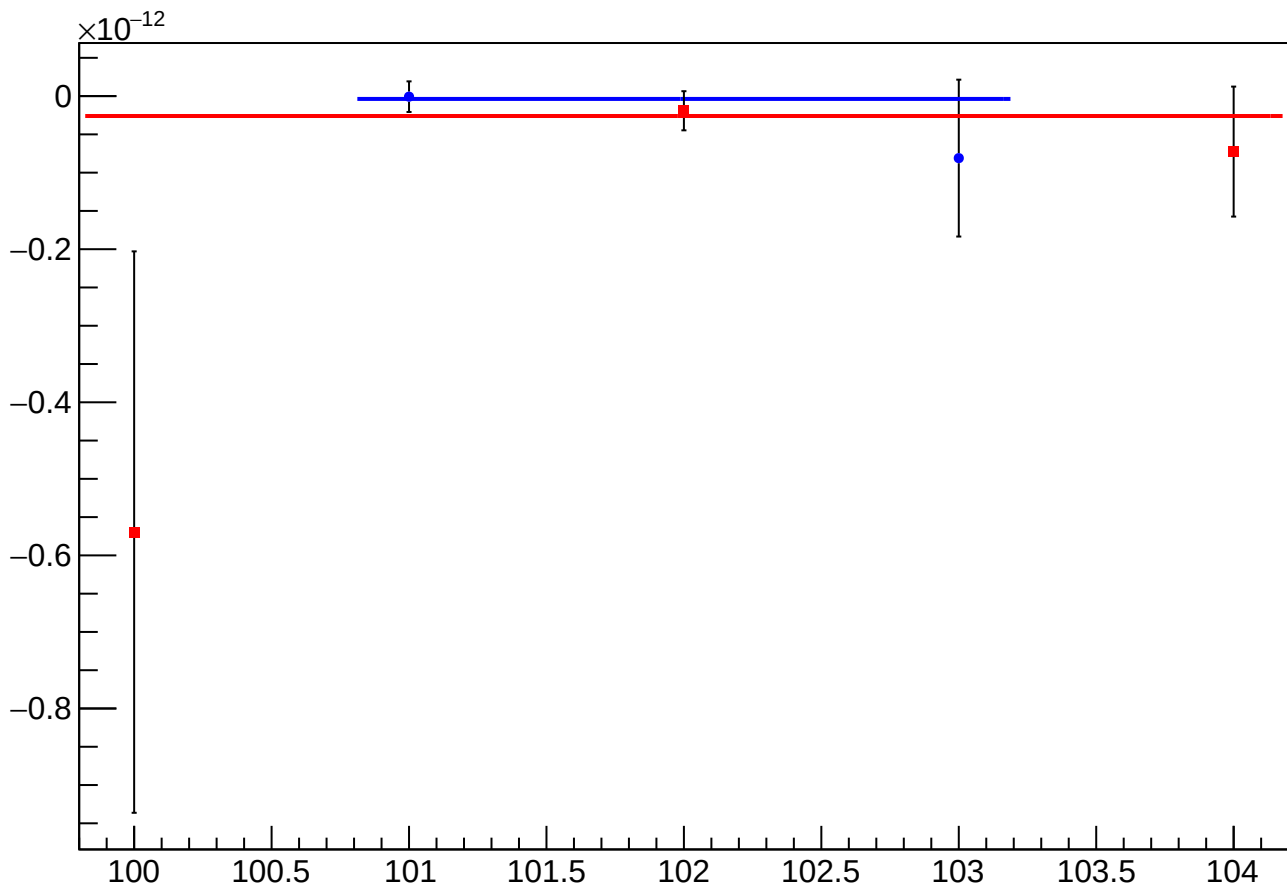
Right: 1877.793+/-0.867 χ^2/NDF : 241944.2/4

In: 1757.315+/-1.145 χ^2/NDF : 169347.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.793+/-0.867 χ^2/NDF : 241944.2/4

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: 2.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

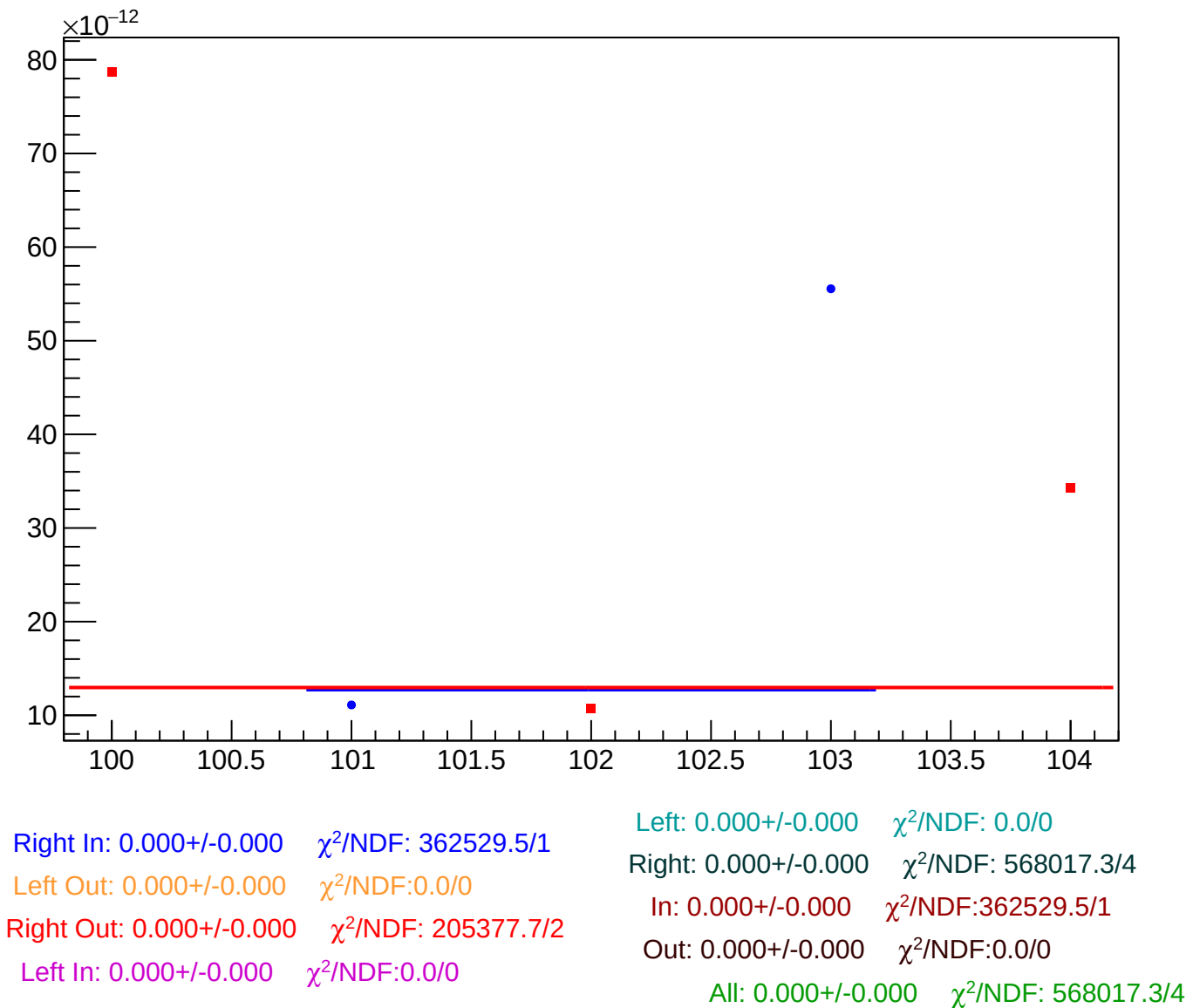
Right: -0.000+/-0.000 χ^2 /NDF: 3.7/4

In: -0.000+/-0.000 χ^2 /NDF:0.6/1

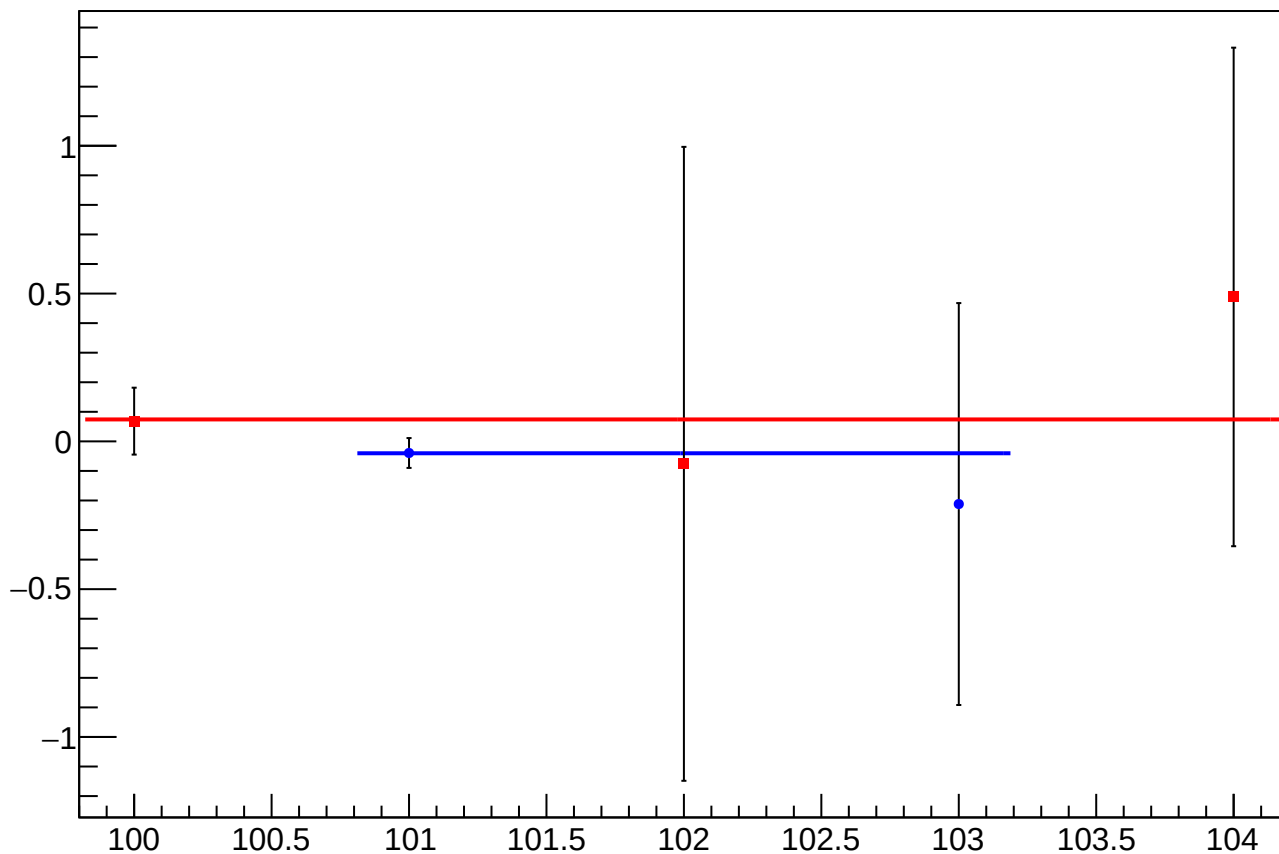
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.7/4

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_usl_atl1_avg_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: 0.074+/-0.112 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

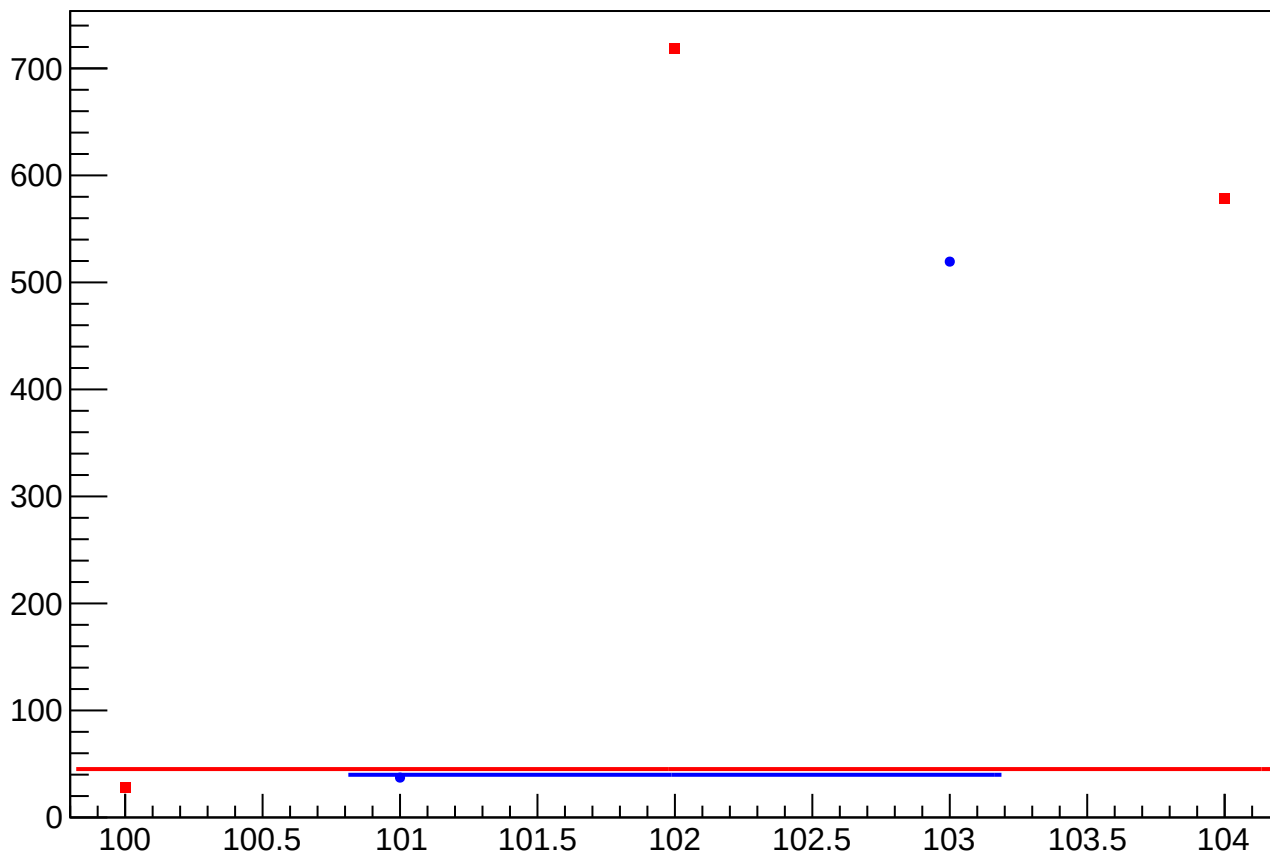
Right: -0.021+/-0.046 χ^2/NDF : 1.2/4

In: -0.040+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.046 χ^2/NDF : 1.2/4

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: 45.217+/-0.079 χ^2/NDF : 1633455.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

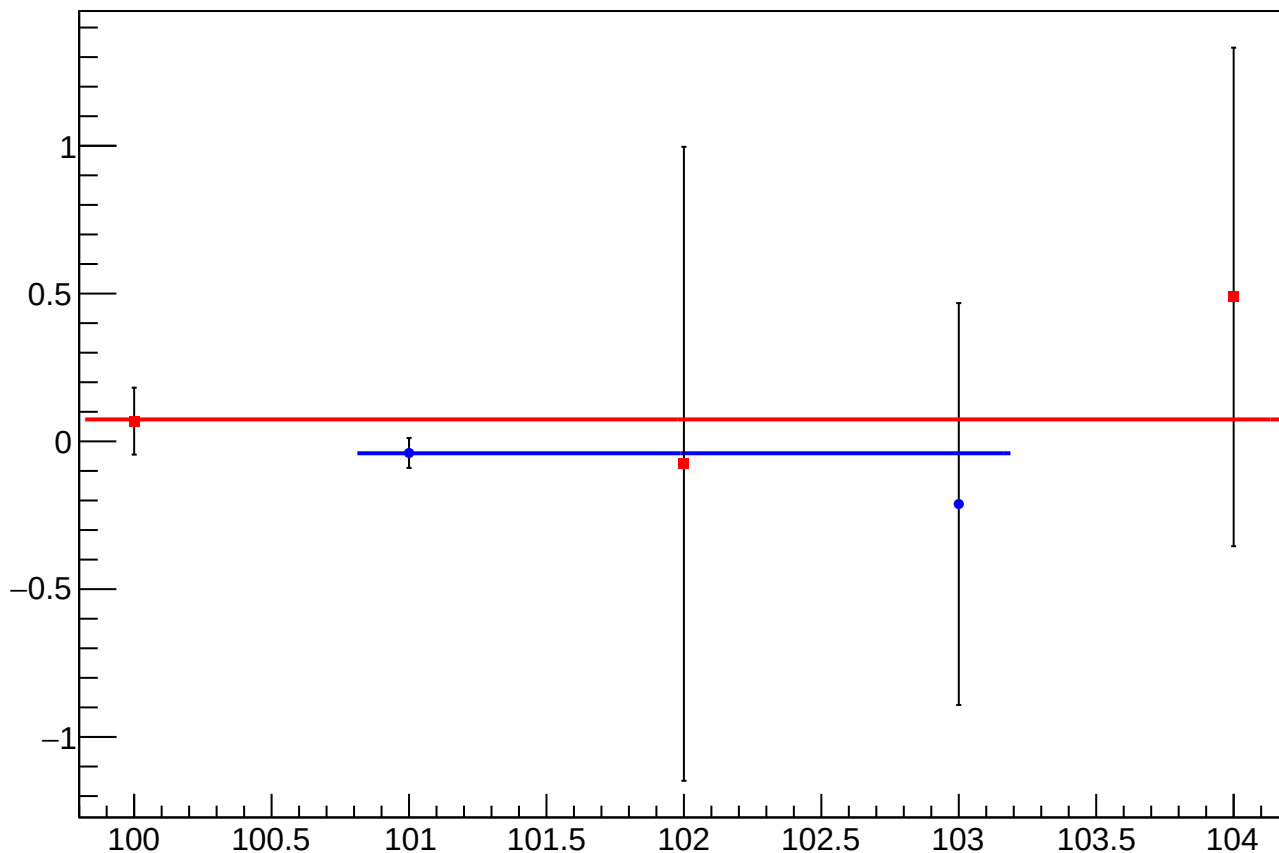
Right: 40.783+/-0.032 χ^2/NDF : 2637790.4/4

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.783+/-0.032 χ^2/NDF : 2637790.4/4

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: 0.074 $\pm$ 0.112 χ^2 /NDF: 0.3/2

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

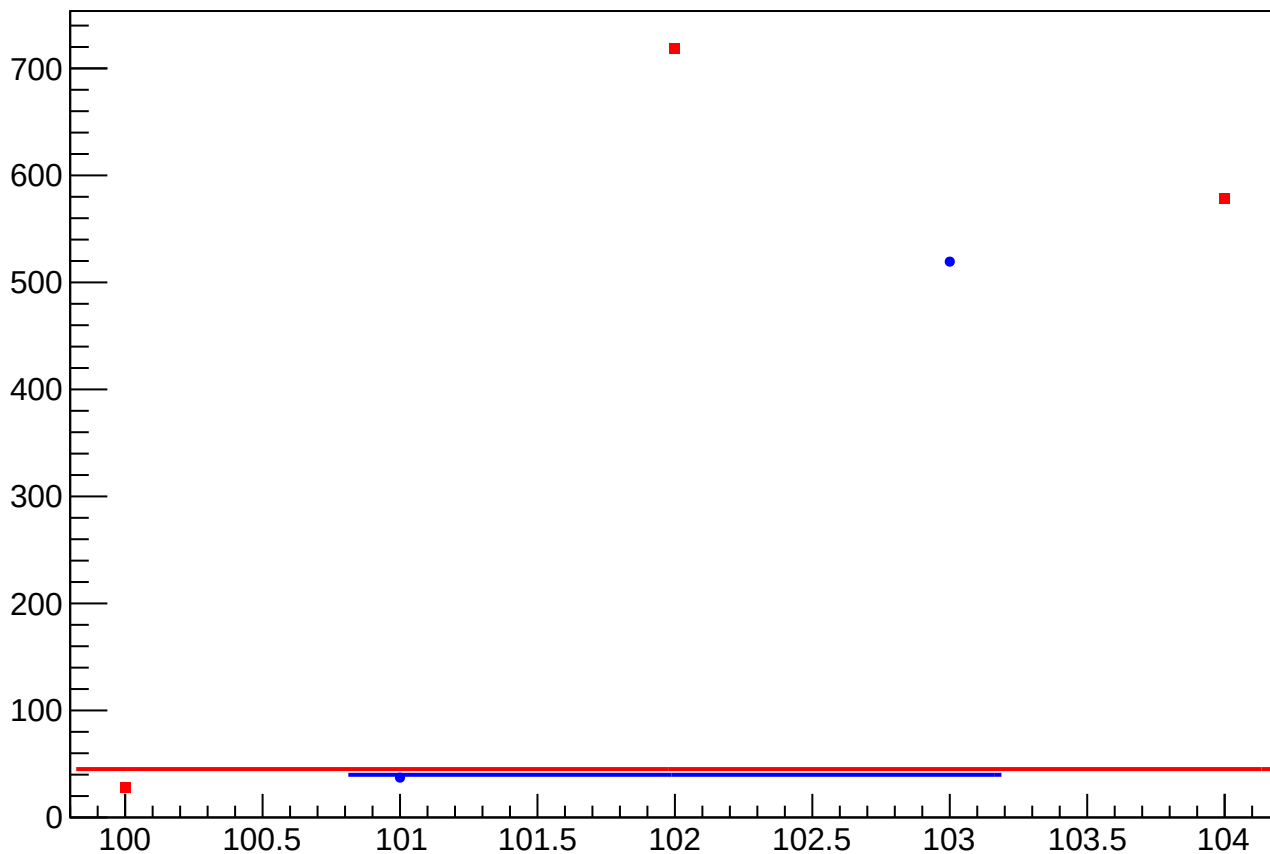
Right: -0.021 $\pm$ 0.046 χ^2 /NDF: 1.2/4

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: -0.021 $\pm$ 0.046 χ^2 /NDF: 1.2/4

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: 45.217+/-0.079 χ^2/NDF : 1633455.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

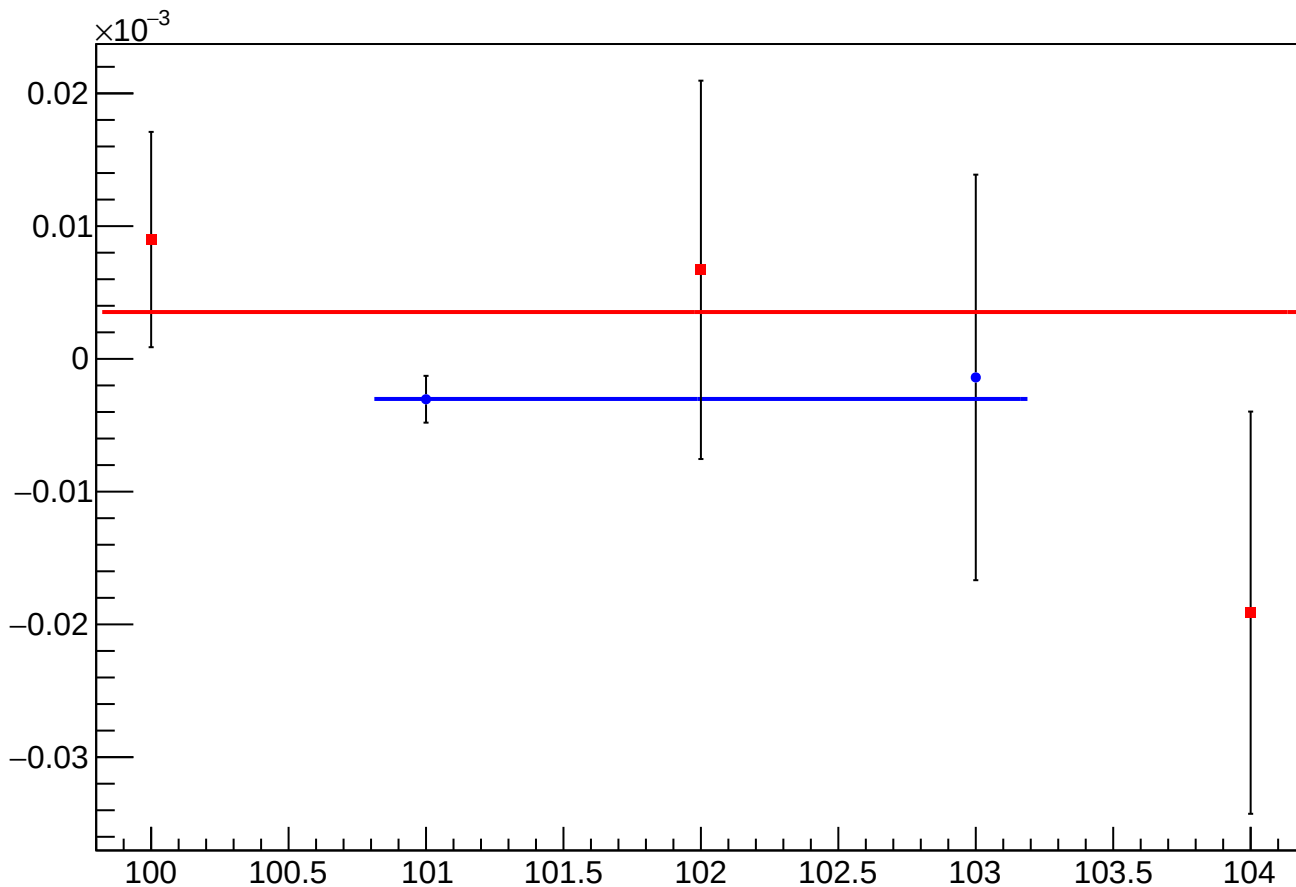
Right: 40.783+/-0.032 χ^2/NDF : 2637790.4/4

In: 39.880+/-0.036 χ^2/NDF : 1000532.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.783+/-0.032 χ^2/NDF : 2637790.4/4

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

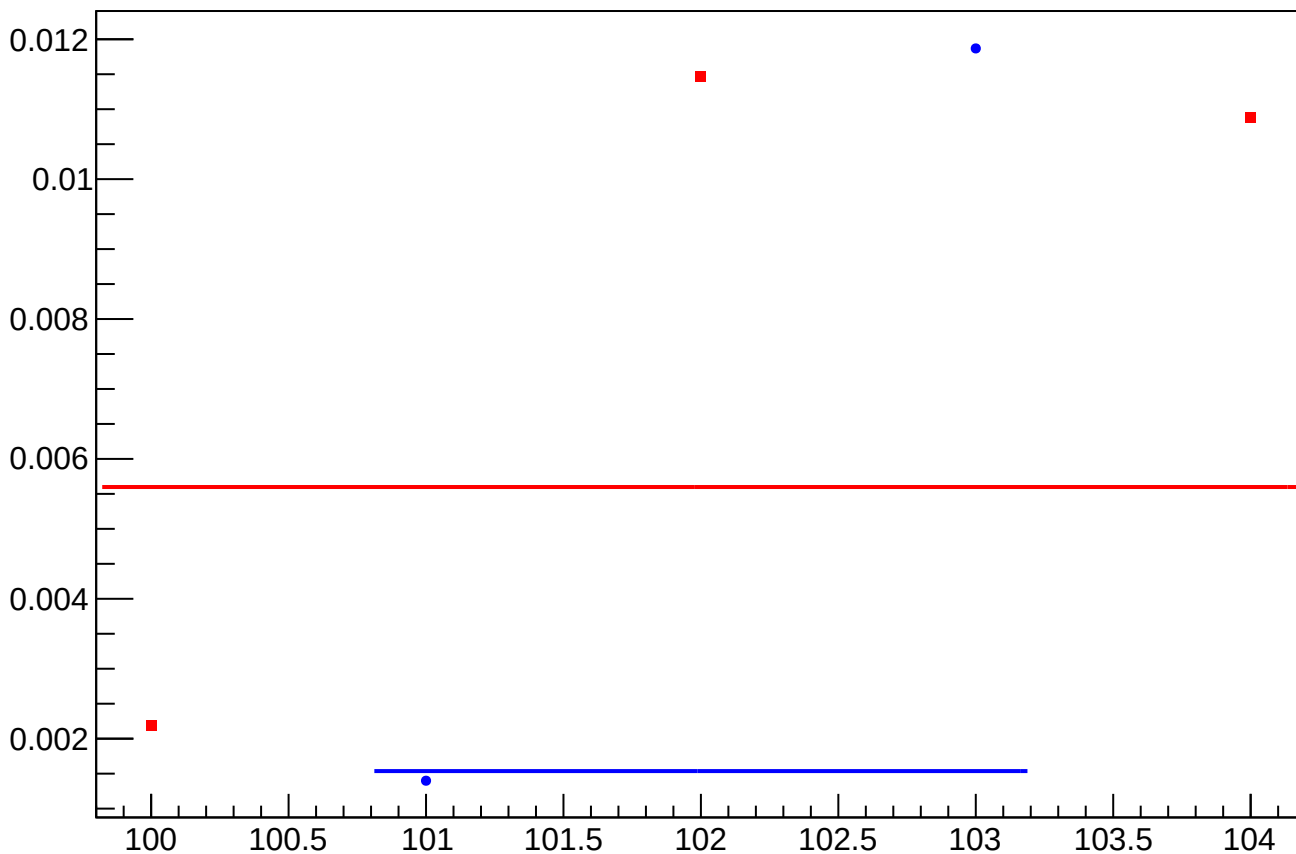
Right: -0.000+/-0.000 χ^2/NDF : 3.7/4

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 : 3.7/4

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: 0.006+/-0.000 χ^2/NDF : 937584.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

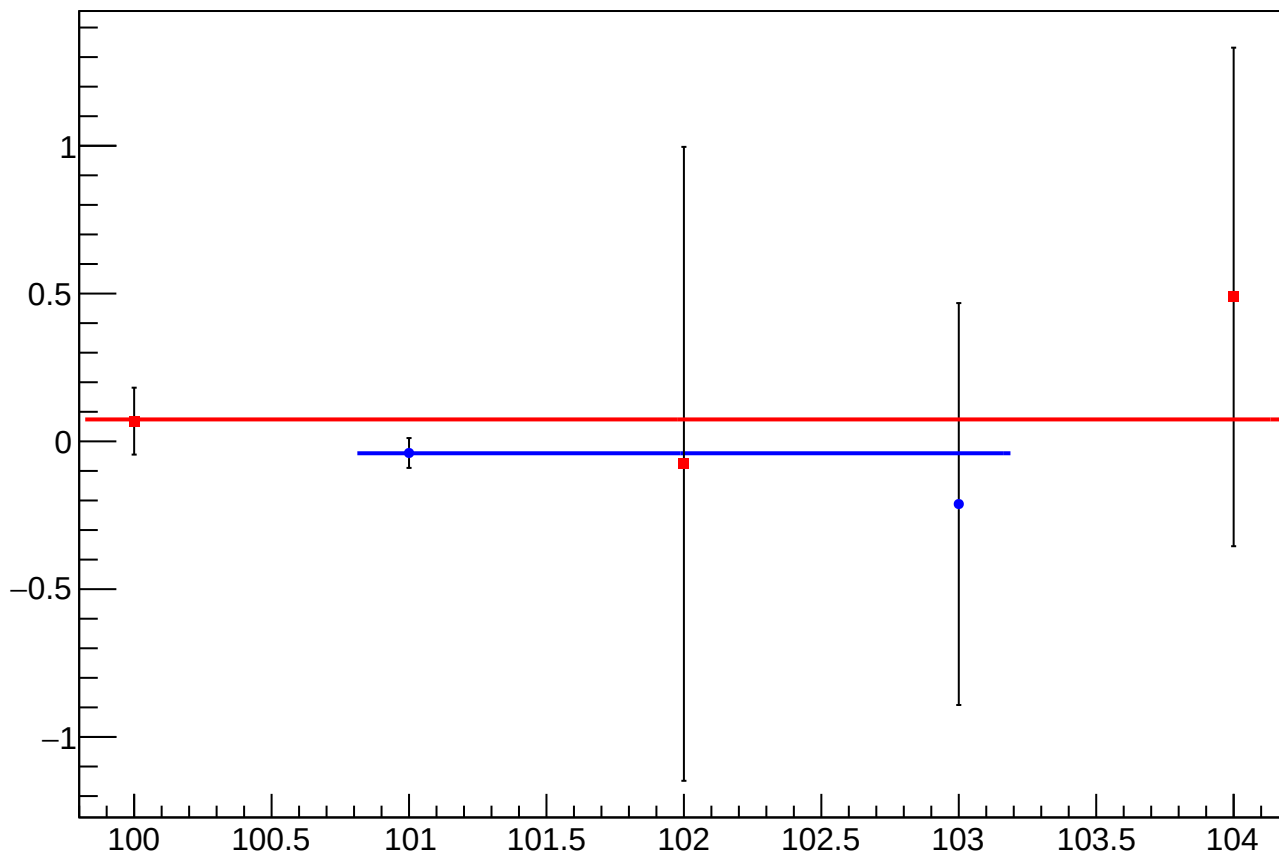
Right: 0.002+/-0.000 χ^2/NDF : 2616474.6/4

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 : 2616474.6/4

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.074 $\pm$ 0.112 χ^2 /NDF: 0.3/2

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

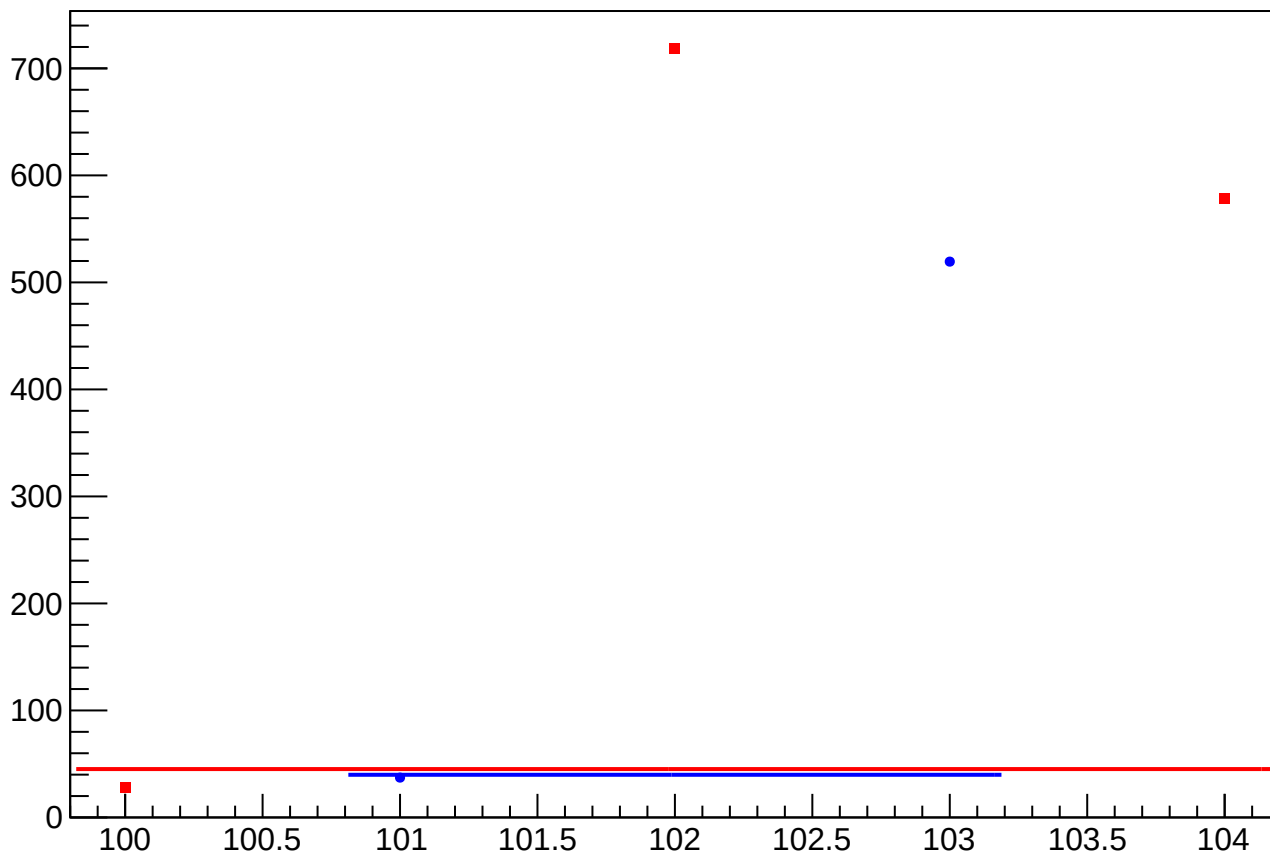
Right: -0.021 $\pm$ 0.046 χ^2 /NDF: 1.2/4

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: -0.021 $\pm$ 0.046 χ^2 /NDF: 1.2/4

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: 45.216+/-0.079 χ^2/NDF : 1633443.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

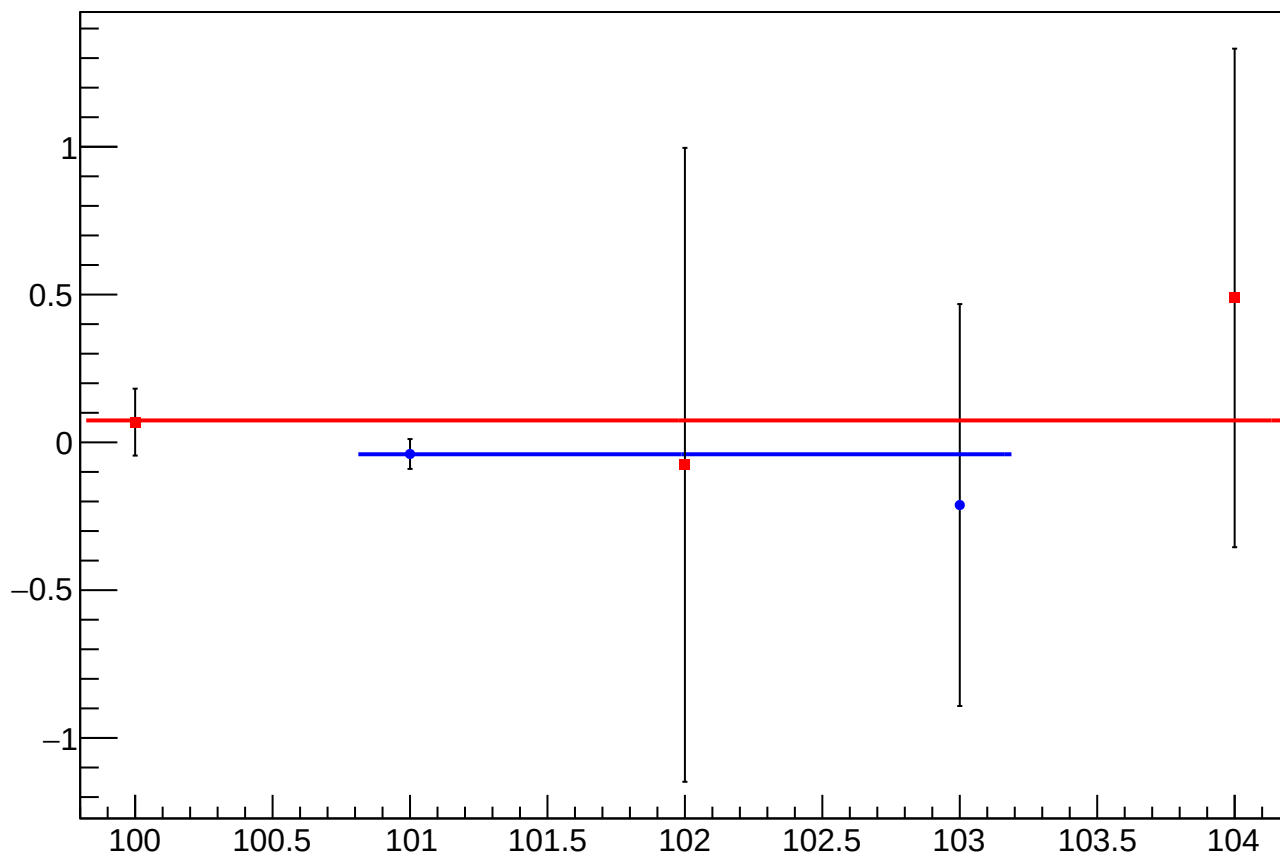
Right: 40.784+/-0.032 χ^2/NDF : 2637770.7/4

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.784+/-0.032 χ^2/NDF : 2637770.7/4

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: 0.074 $\pm$ 0.112 χ^2/NDF : 0.3/2

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

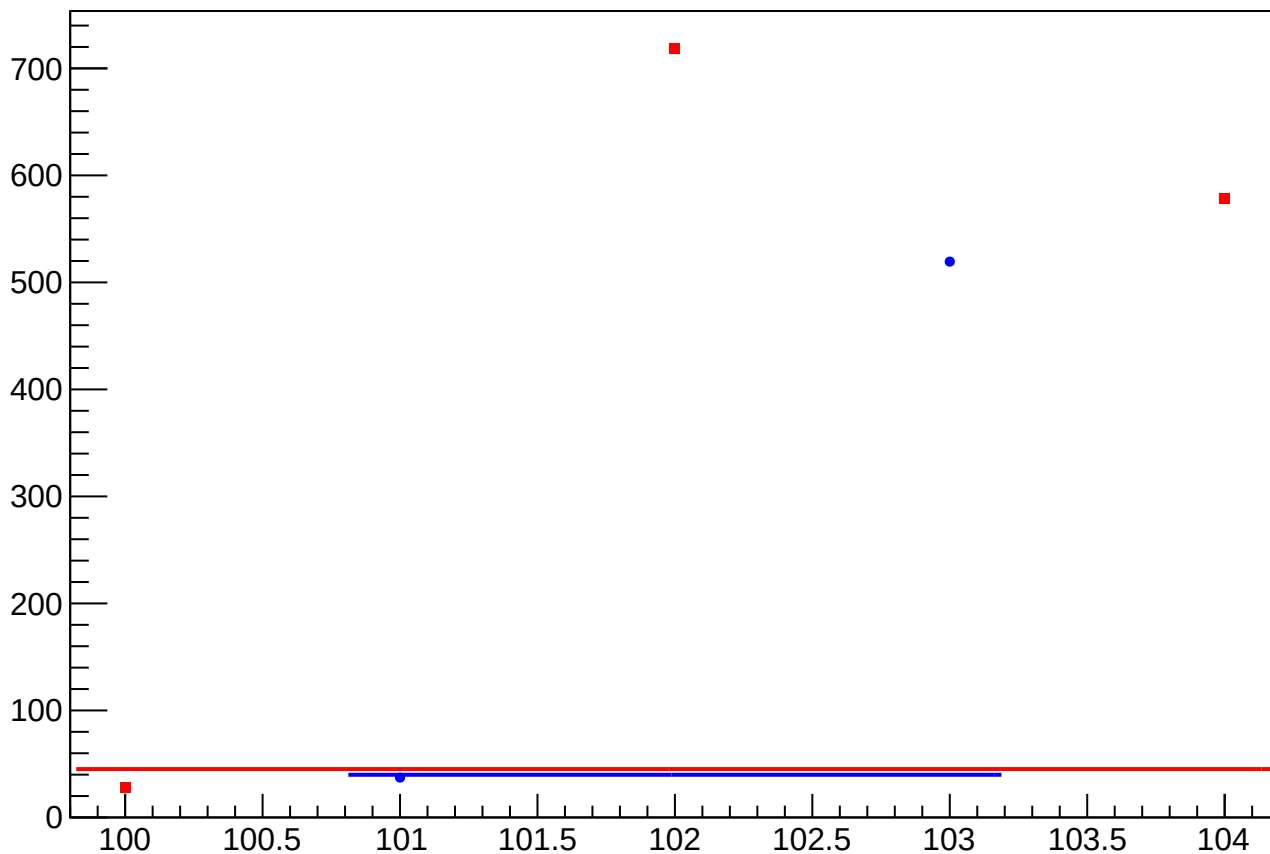
Right: -0.021 $\pm$ 0.046 χ^2/NDF : 1.2/4

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: -0.021 $\pm$ 0.046 χ^2/NDF : 1.2/4

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: 45.216+/-0.079 χ^2/NDF : 1633443.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

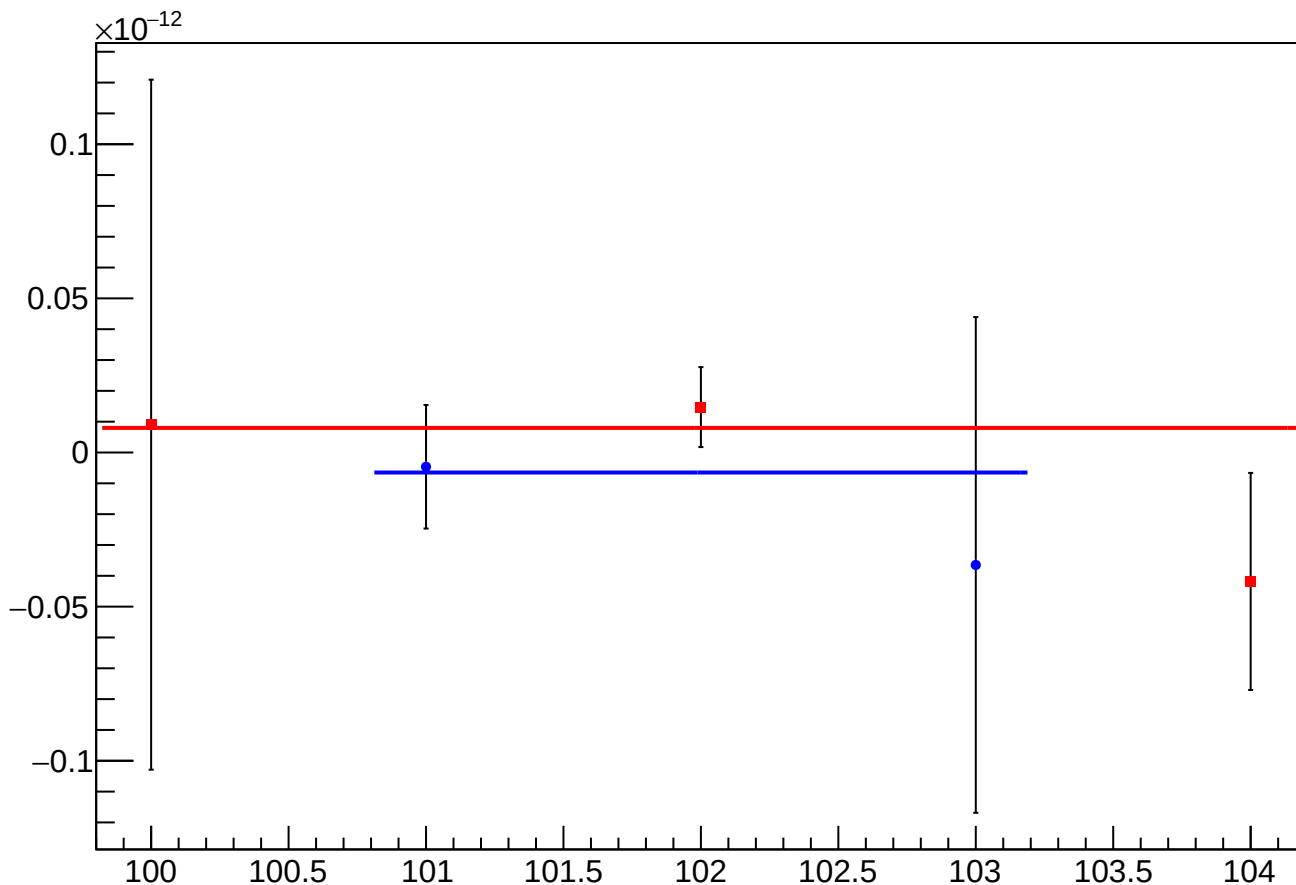
Right: 40.784+/-0.032 χ^2/NDF : 2637770.7/4

In: 39.881+/-0.036 χ^2/NDF : 1000526.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.784+/-0.032 χ^2/NDF : 2637770.7/4

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 : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

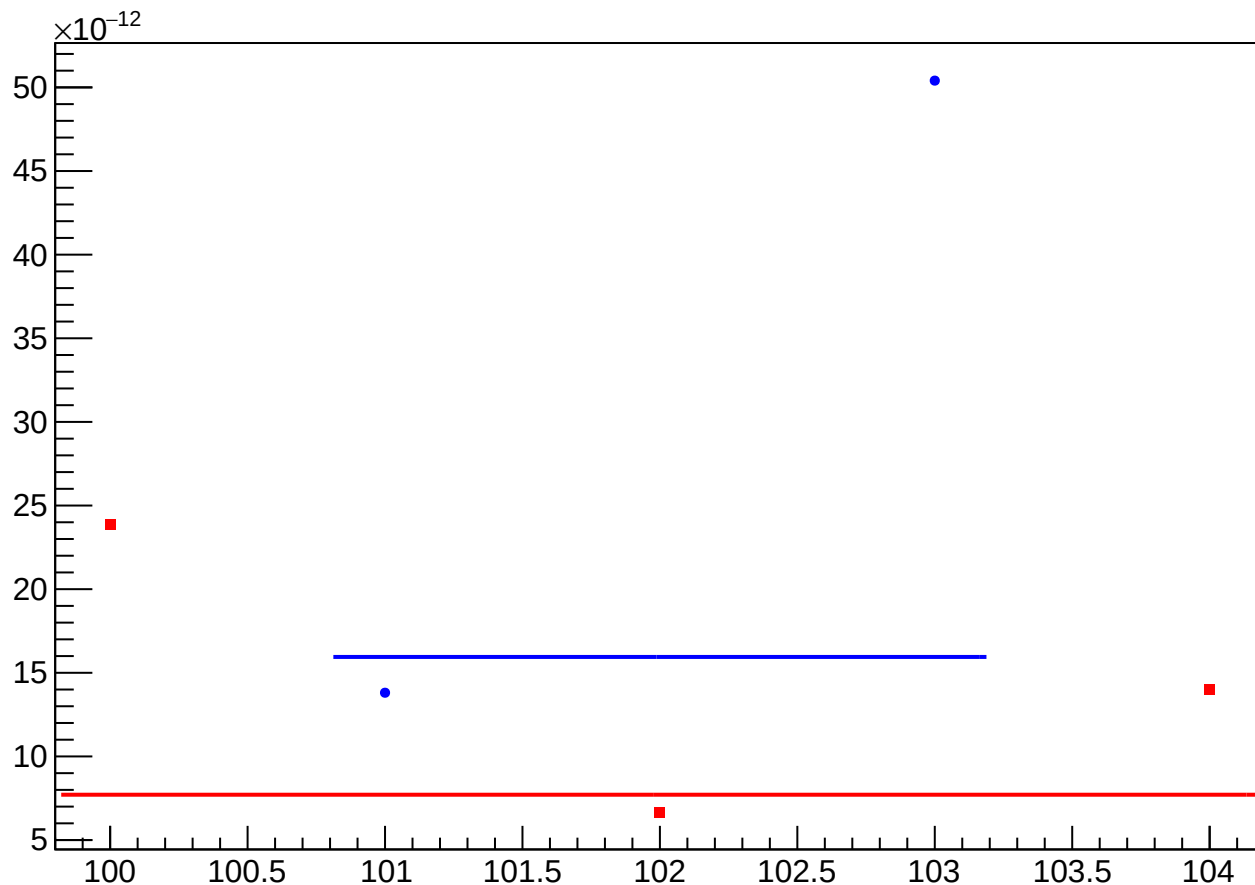
Right: 0.000+/-0.000 χ^2/NDF : 2.8/4

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 : 2.8/4

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 : 119212.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

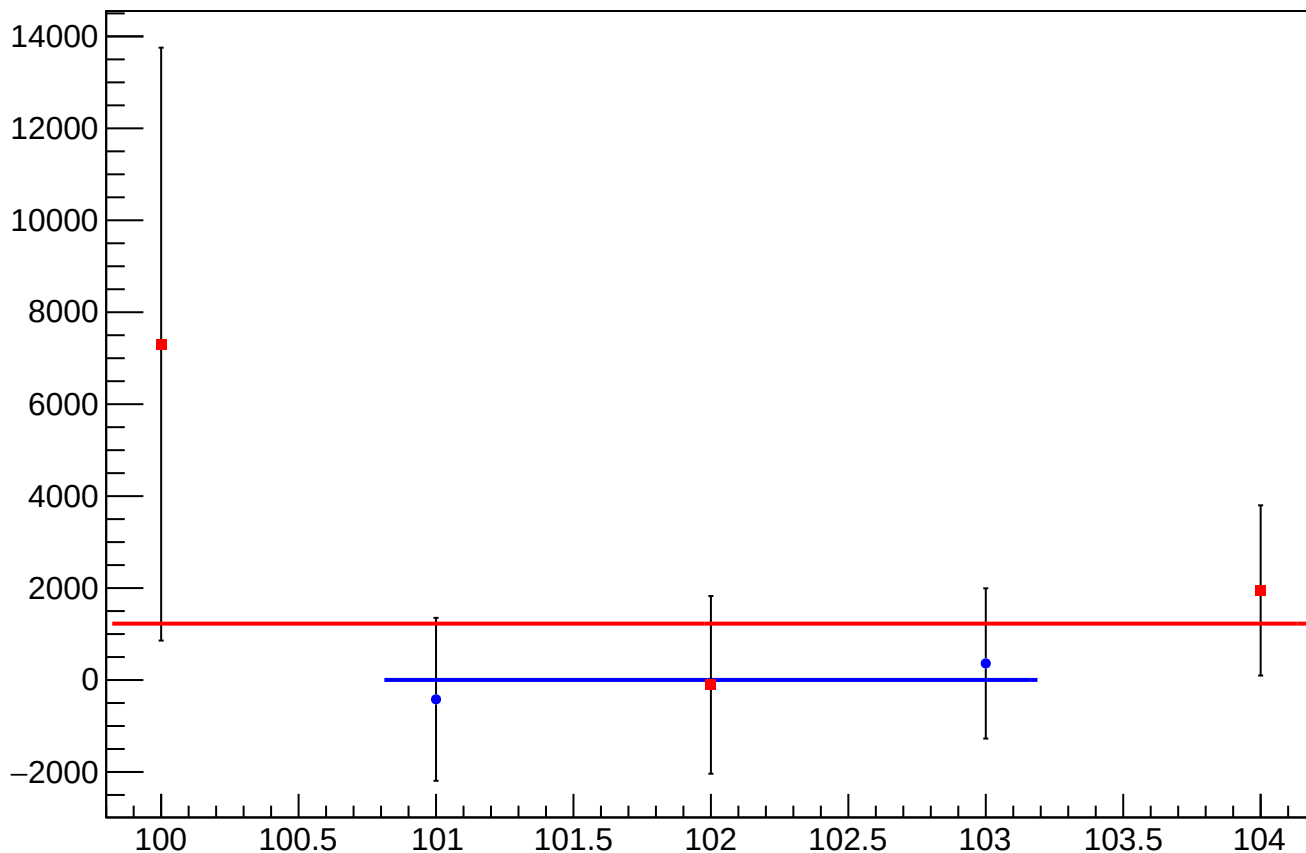
Right: 0.000+/-0.000 χ^2/NDF : 768100.0/4

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 : 768100.0/4

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: 1226.786+/-1308.977 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

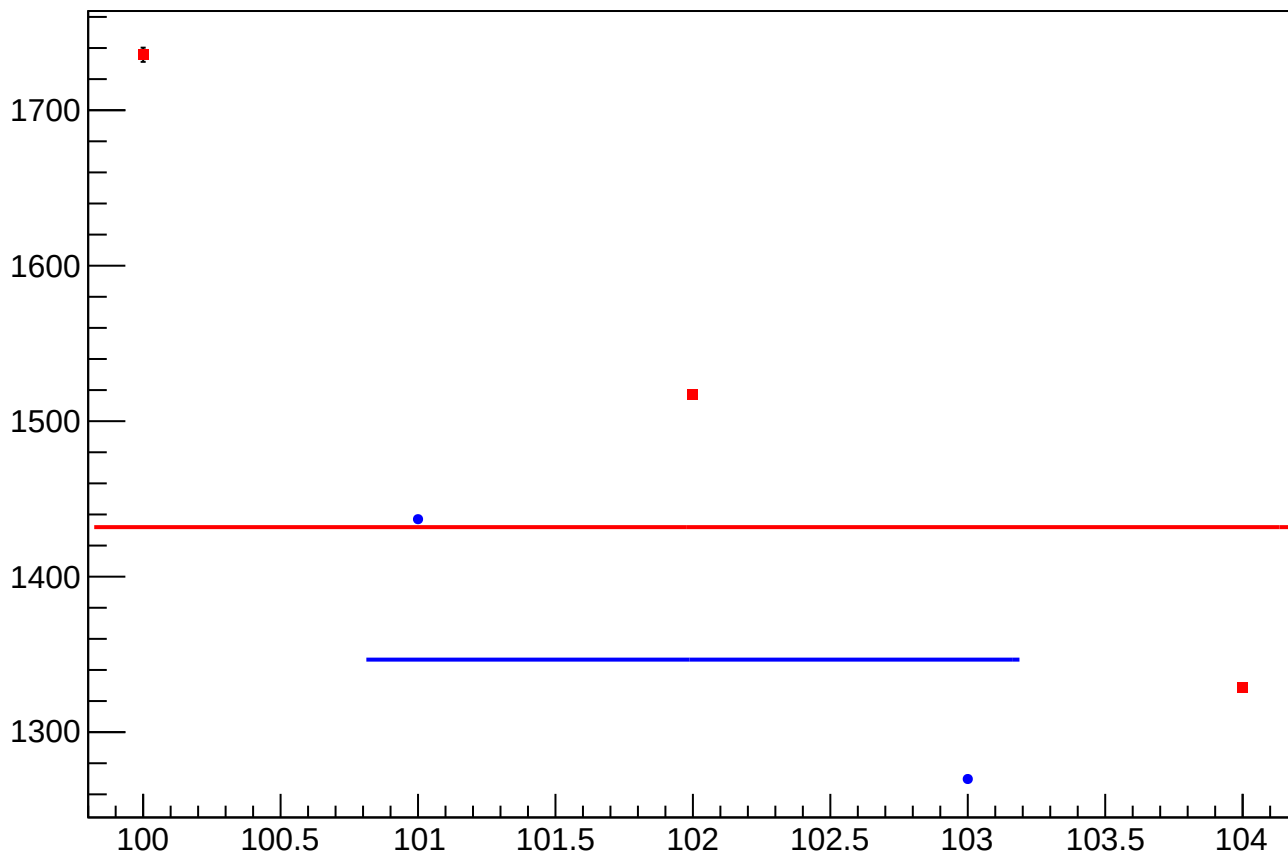
Right: 562.014+/-885.028 χ^2/NDF : 2.1/4

In: 2.211+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.014+/-885.028 χ^2/NDF : 2.1/4

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: 1431.858+/-0.926 χ^2/NDF : 14565.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

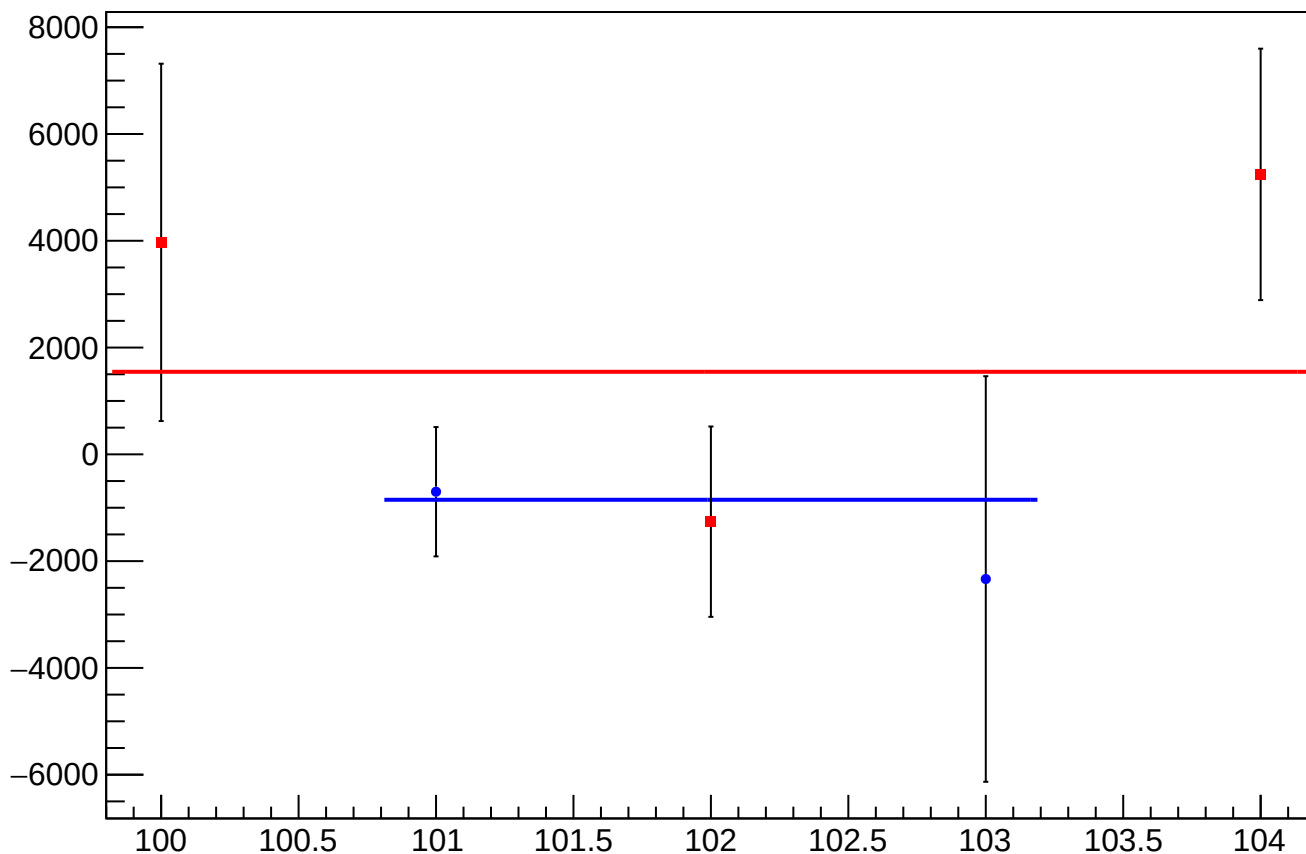
Right: 1385.600+/-0.626 χ^2/NDF : 28780.1/4

In: 1346.646+/-0.849 χ^2/NDF : 9613.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.600+/-0.626 χ^2/NDF : 28780.1/4

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: 1546.143+/-1308.153 χ^2/NDF : 5.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

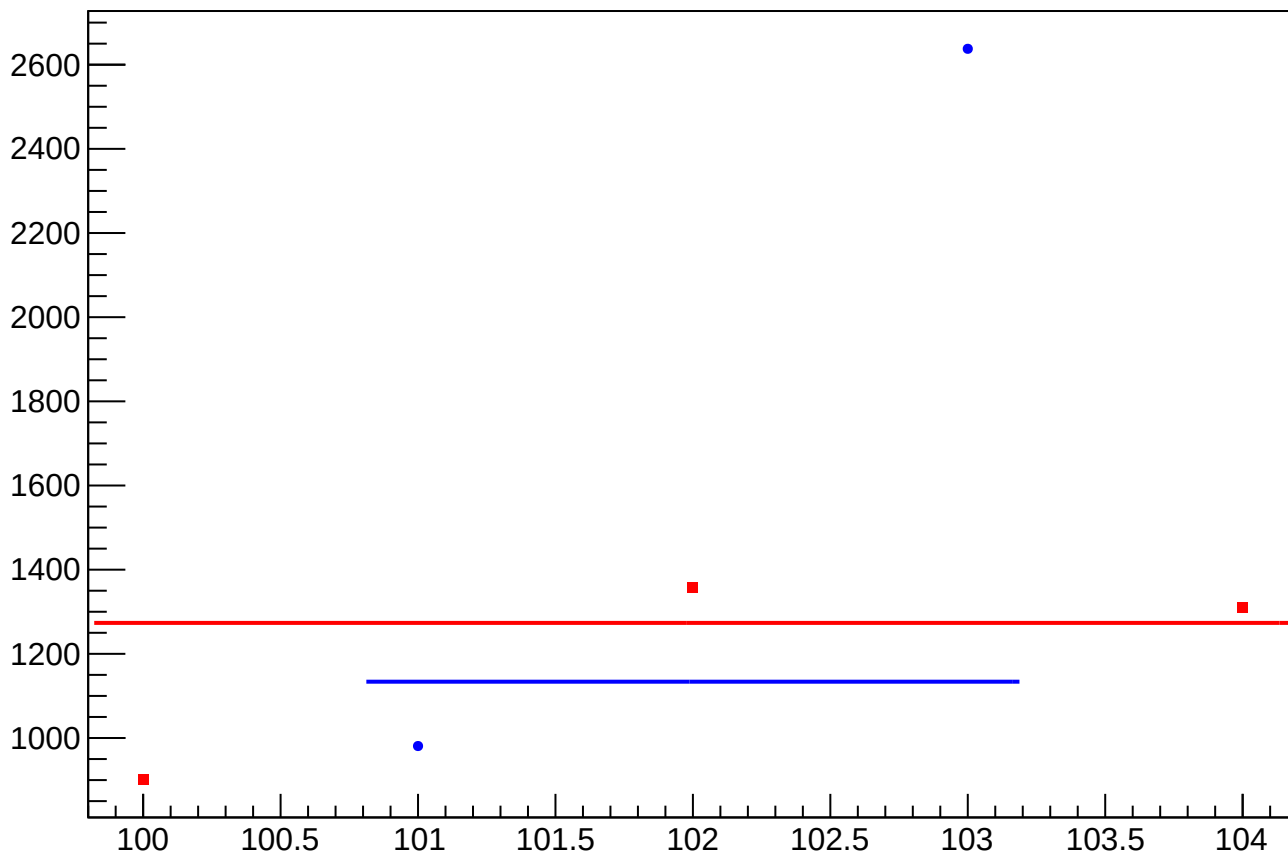
Right: 197.844+/-865.285 χ^2/NDF : 7.5/4

In: -850.929+/-1153.736 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.844+/-865.285 χ^2/NDF : 7.5/4

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1133.812 $\pm$ 0.816 χ^2 /NDF: 345467.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1273.519 $\pm$ 0.925 χ^2 /NDF: 29868.2/2

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

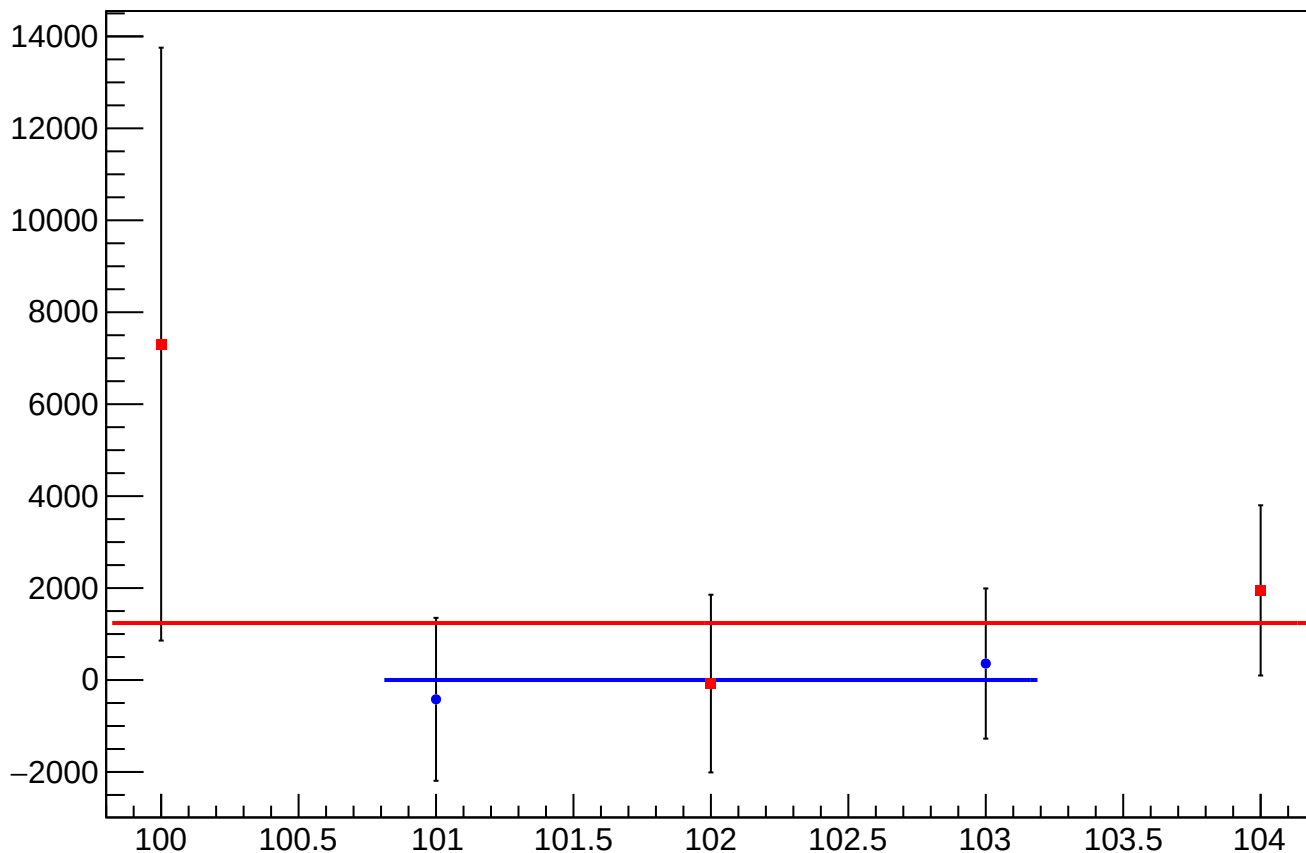
Right: 1194.937 $\pm$ 0.612 χ^2 /NDF: 388166.7/4

In: 1133.812 $\pm$ 0.816 χ^2 /NDF:345467.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1194.937 $\pm$ 0.612 χ^2 /NDF: 388166.7/4

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 0.896 ± 1201.194 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1240.436 ± 1309.031 $\chi^2/\text{NDF}: 1.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

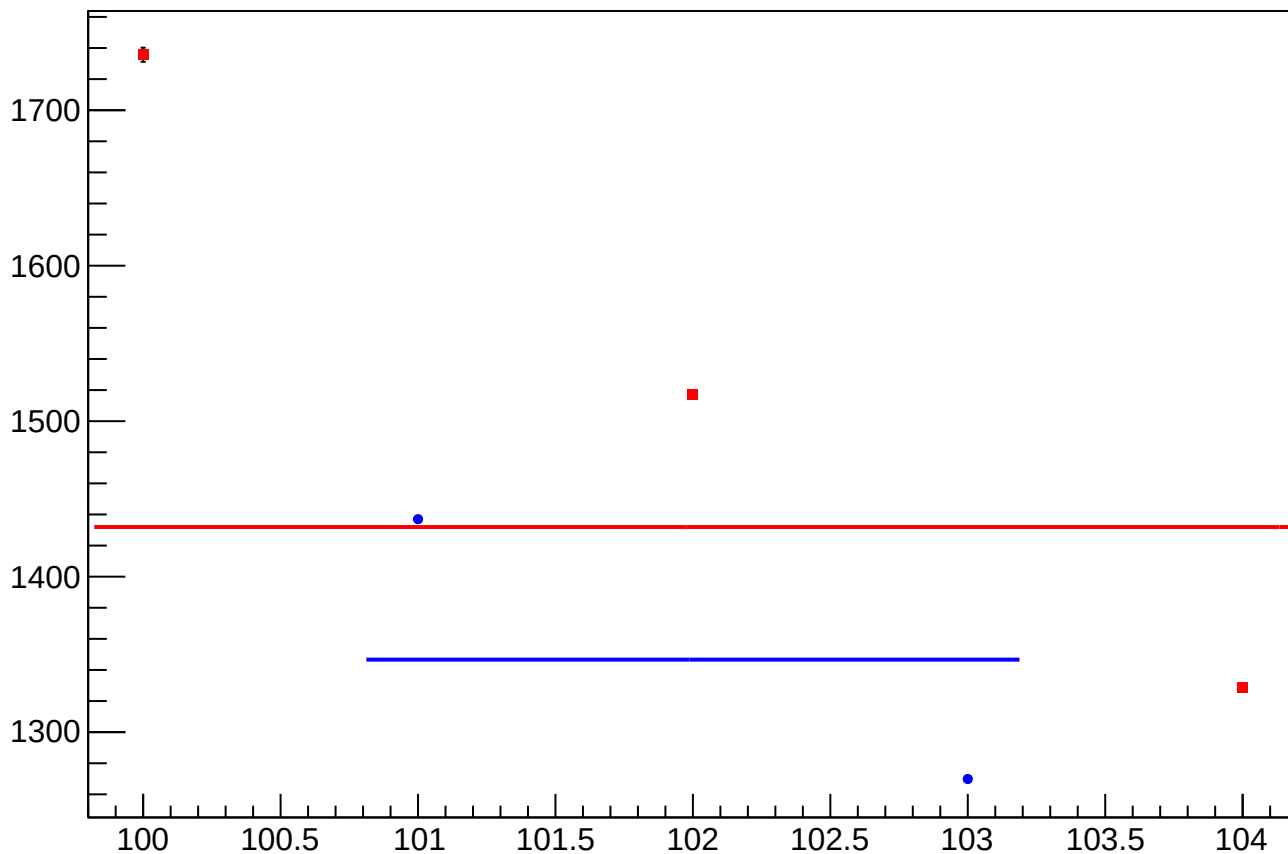
Right: 567.515 ± 885.045 $\chi^2/\text{NDF}: 2.1/4$

In: 0.896 ± 1201.194 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 567.515 ± 885.045 $\chi^2/\text{NDF}: 2.1/4$

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: 1431.922+/-0.926 χ^2/NDF : 14579.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

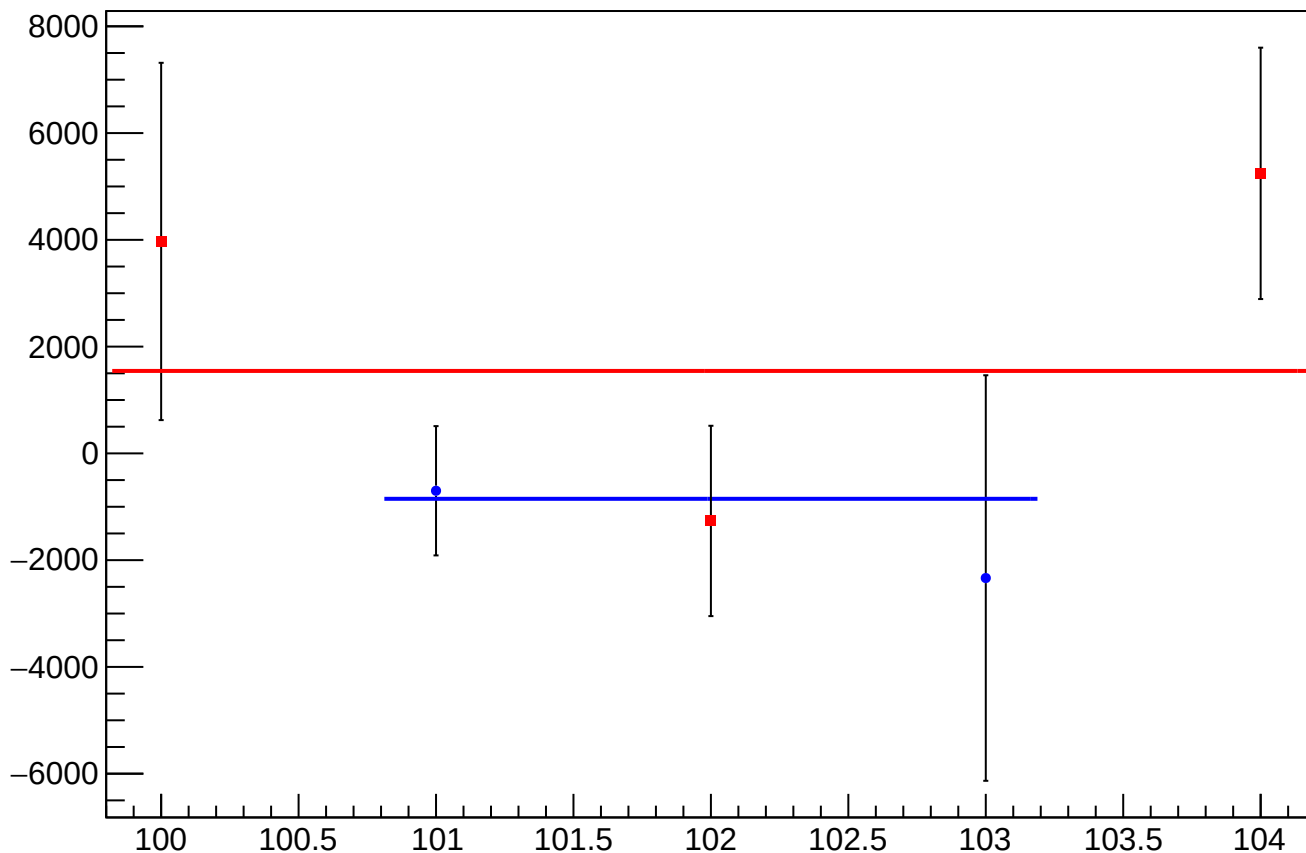
Right: 1385.628+/-0.626 χ^2/NDF : 28800.0/4

In: 1346.647+/-0.849 χ^2/NDF : 9613.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1385.628+/-0.626 χ^2/NDF : 28800.0/4

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: 1544.453+/-1308.171 χ^2/NDF : 5.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

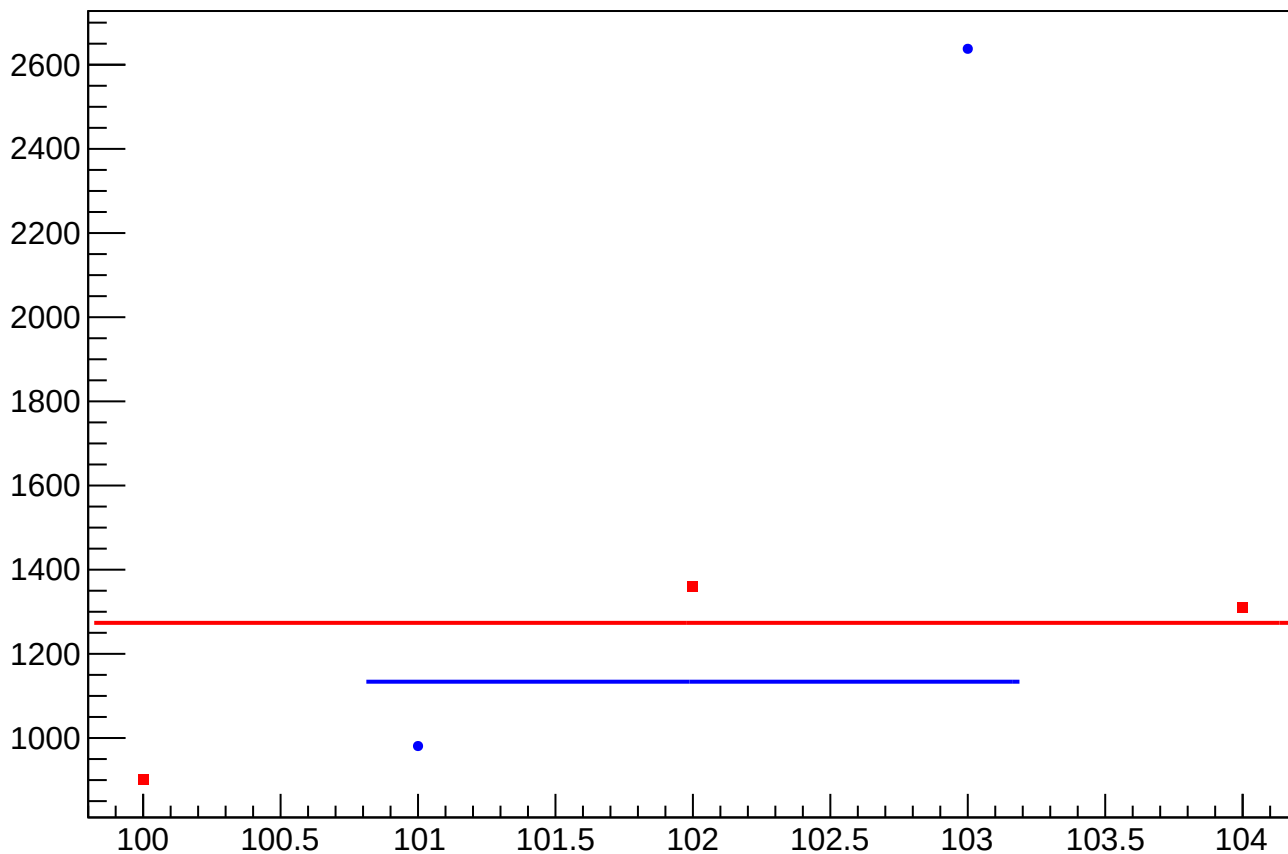
Right: 197.019+/-865.286 χ^2/NDF : 7.5/4

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.019+/-865.286 χ^2/NDF : 7.5/4

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: 1273.643+/-0.925 χ^2/NDF : 29894.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

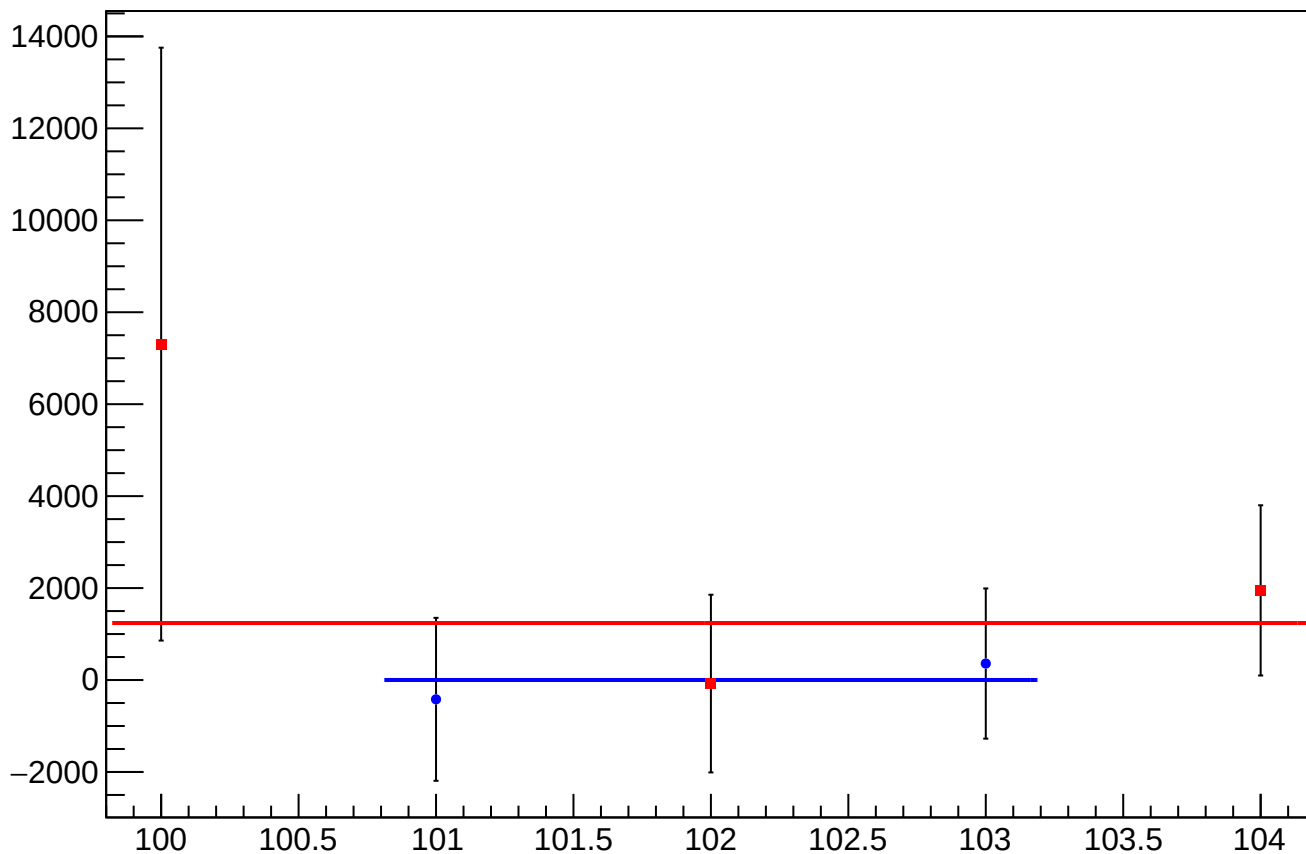
Right: 1194.978+/-0.612 χ^2/NDF : 388232.9/4

In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1194.978+/-0.612 χ^2/NDF : 388232.9/4

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: 1240.436+/-1309.031 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

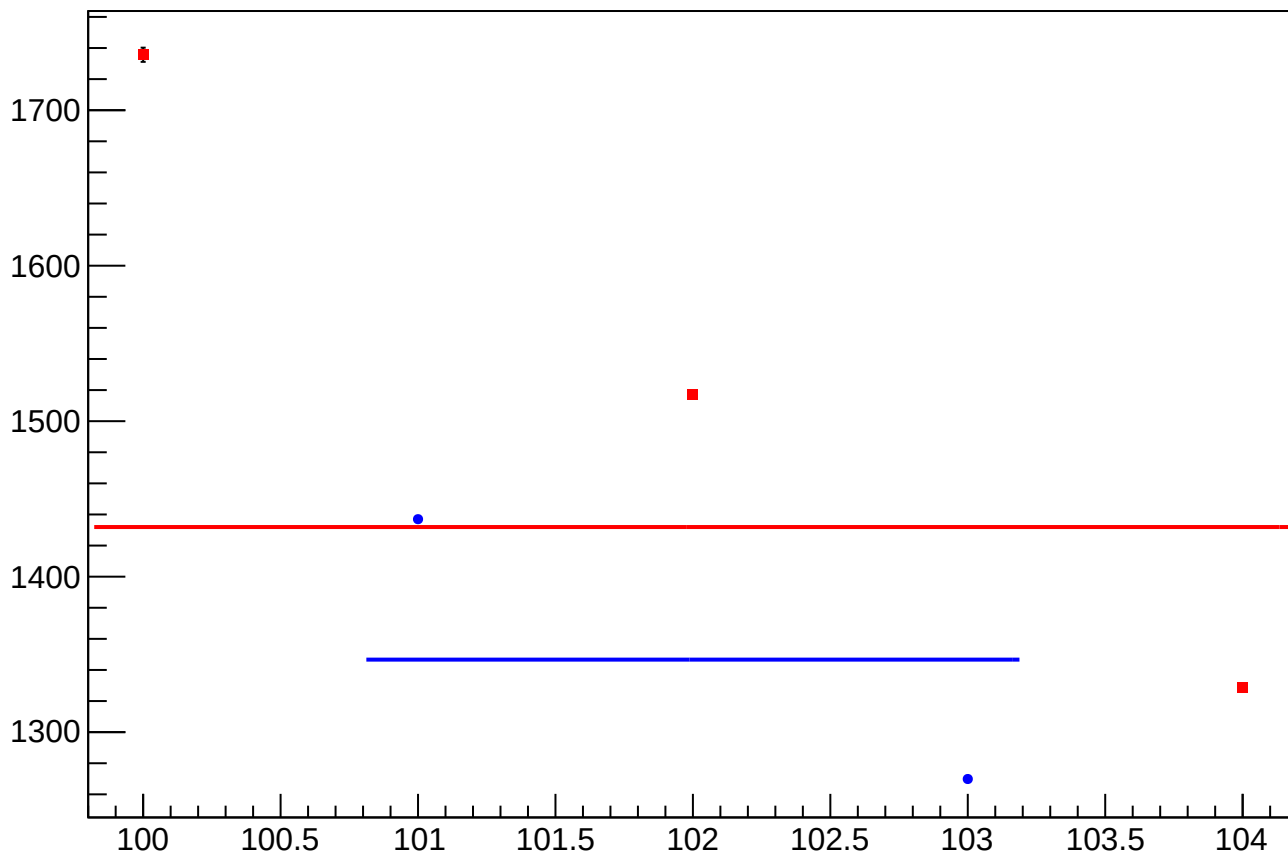
Right: 567.515+/-885.045 χ^2/NDF : 2.1/4

In: 0.896+/-1201.194 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 567.515+/-885.045 χ^2/NDF : 2.1/4

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: 1431.922 $\pm$ 0.926 χ^2 /NDF: 14579.0/2

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

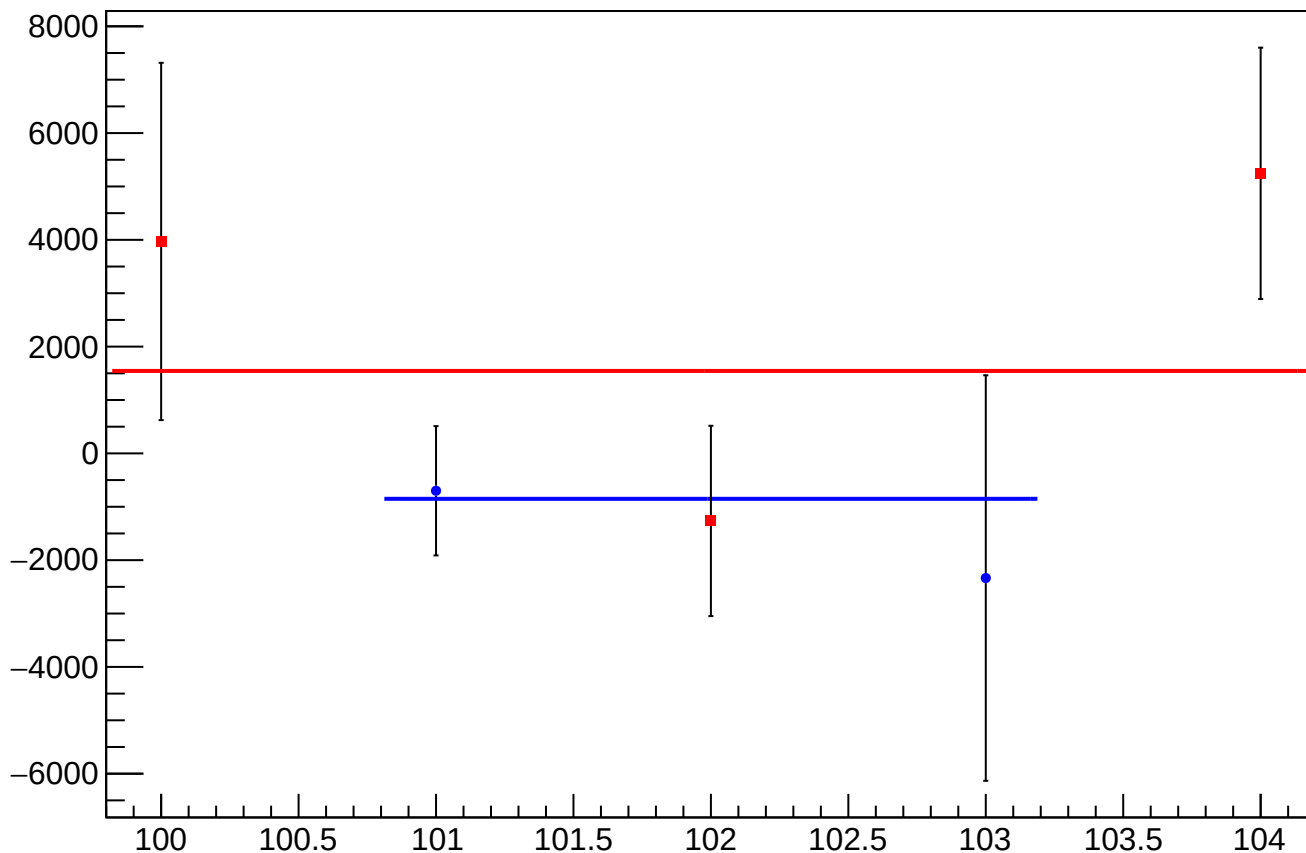
Right: 1385.628 $\pm$ 0.626 χ^2 /NDF: 28800.0/4

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: 1385.628 $\pm$ 0.626 χ^2 /NDF: 28800.0/4

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: 1544.453+/-1308.171 χ^2/NDF : 5.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

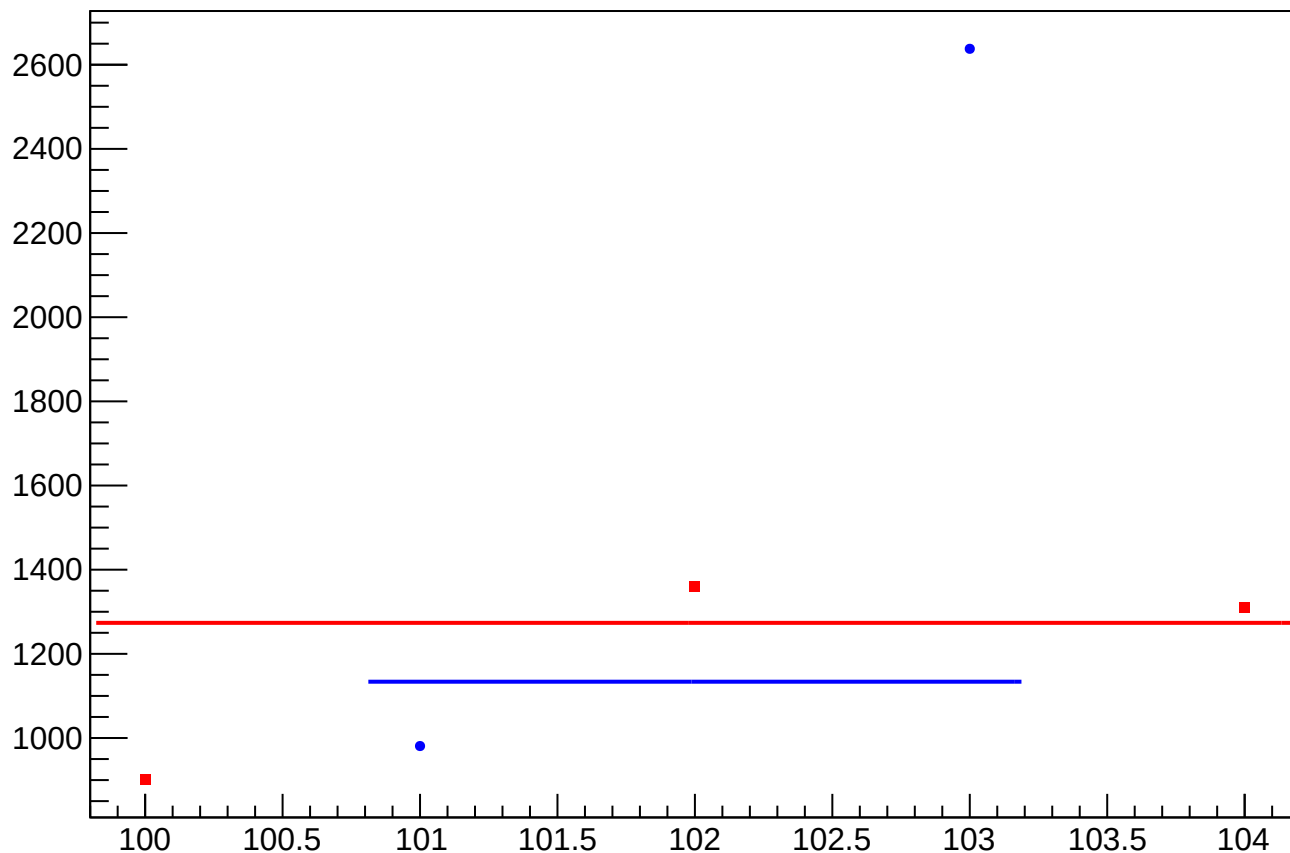
Right: 197.019+/-865.286 χ^2/NDF : 7.5/4

In: -851.038+/-1153.728 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.019+/-865.286 χ^2/NDF : 7.5/4

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: 1273.643+/-0.925 χ^2/NDF : 29894.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

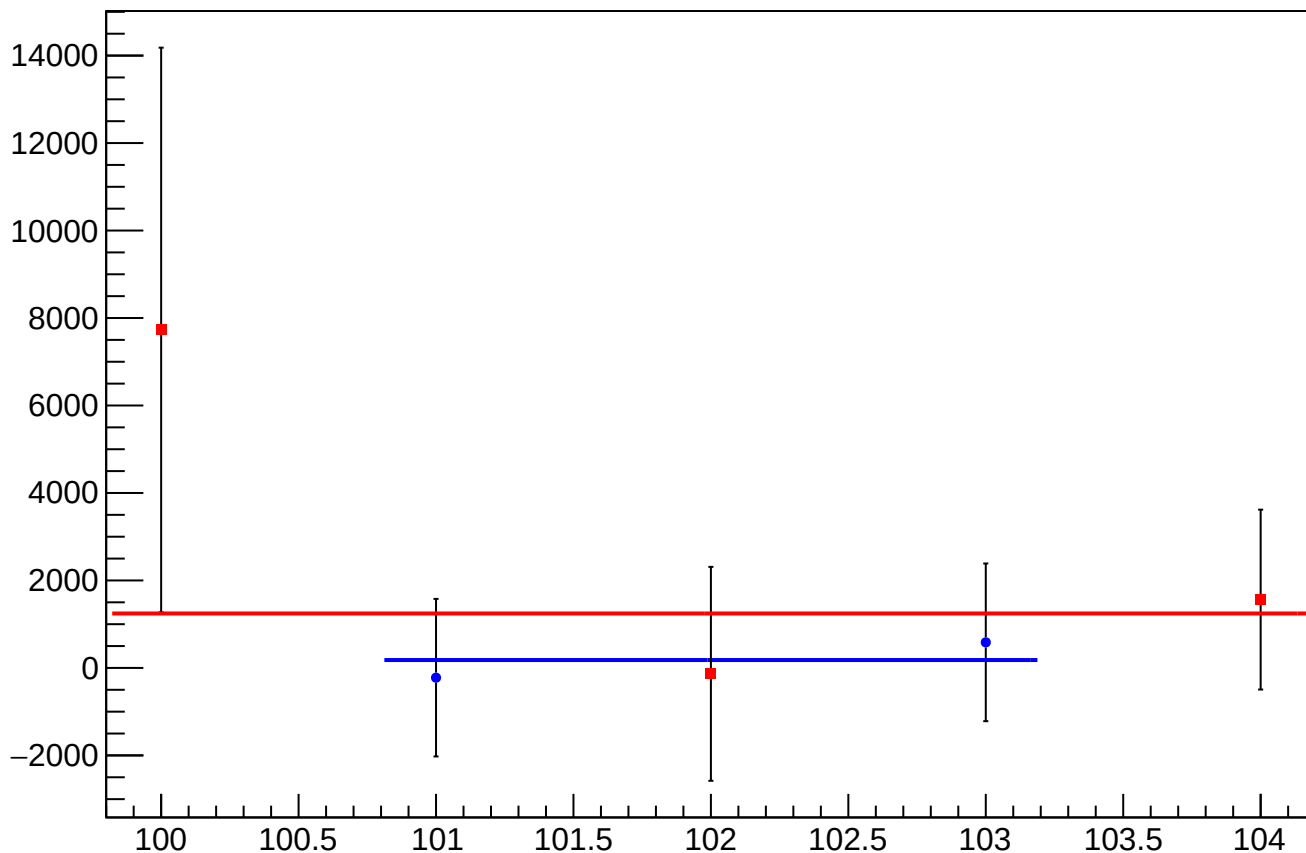
Right: 1194.978+/-0.612 χ^2/NDF : 388232.9/4

In: 1133.791+/-0.816 χ^2/NDF : 345480.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1194.978+/-0.612 χ^2/NDF : 388232.9/4

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 180.495+/-1274.149 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.564+/-1529.065 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

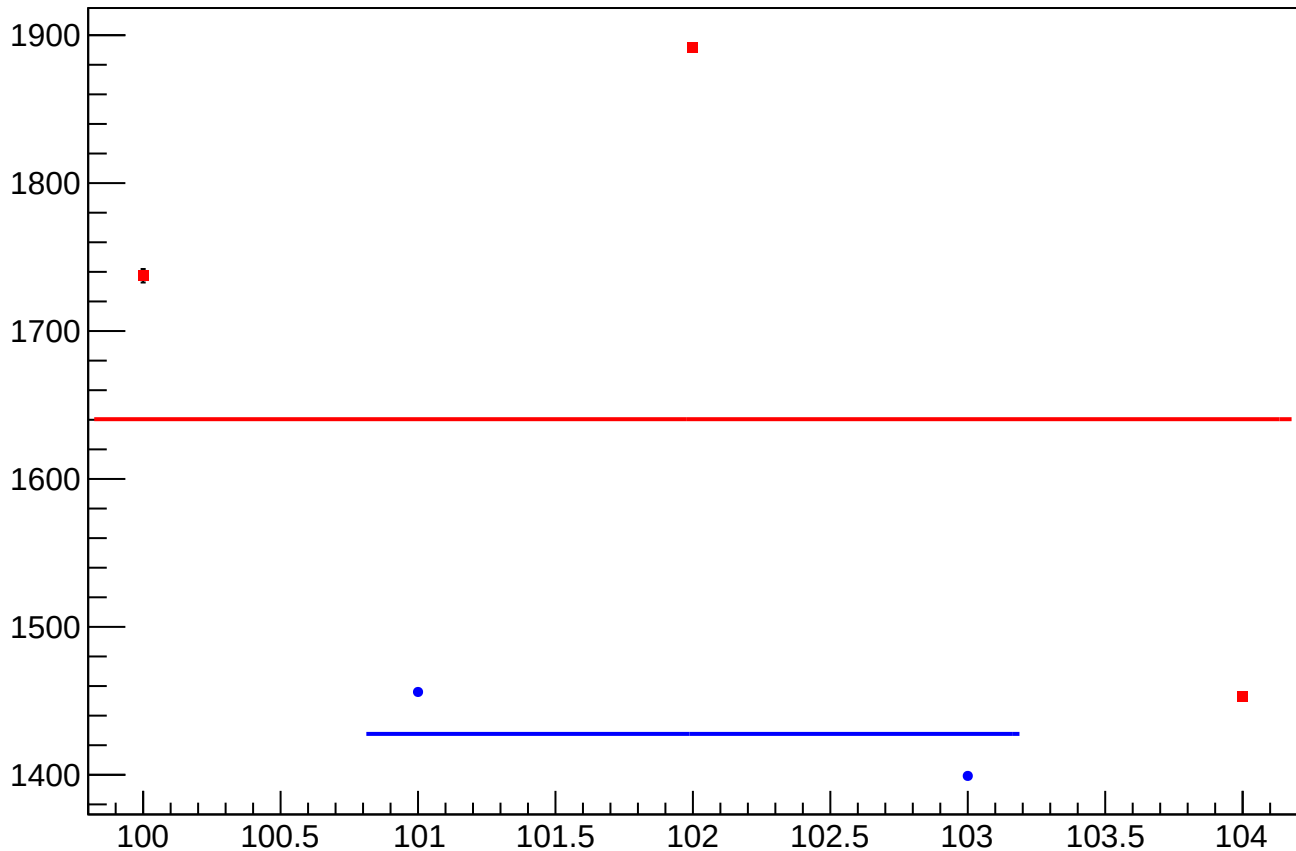
Right: 616.560+/-978.851 χ^2/NDF : 1.7/4

In: 180.495+/-1274.149 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.560+/-978.851 χ^2/NDF : 1.7/4

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.656 $\pm$ 0.901 χ^2 /NDF: 992.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1640.404 $\pm$ 1.081 χ^2 /NDF: 38244.1/2

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

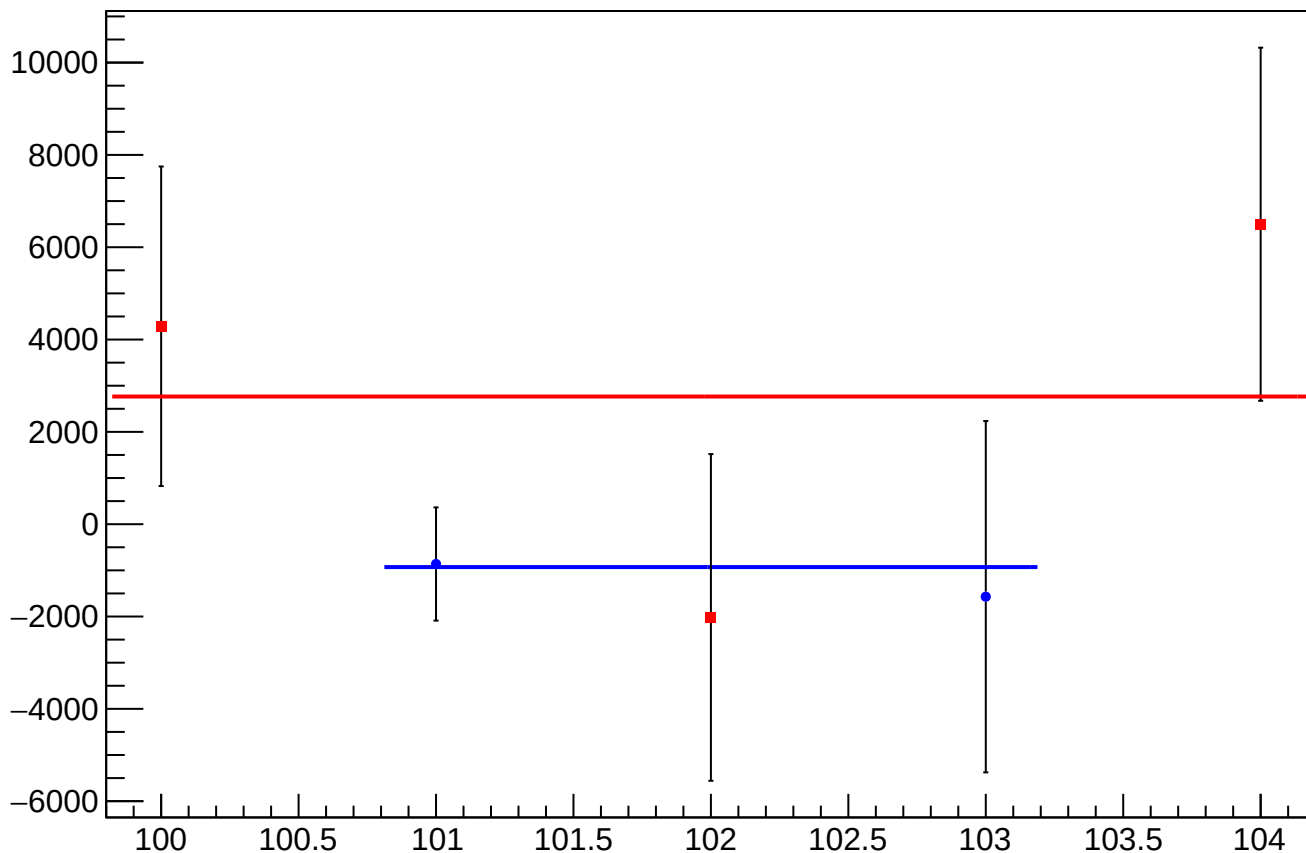
Right: 1514.842 $\pm$ 0.692 χ^2 /NDF: 62087.2/4

In: 1427.656 $\pm$ 0.901 χ^2 /NDF: 992.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1514.842 $\pm$ 0.692 χ^2 /NDF: 62087.2/4

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: 2765.989+/-2077.514 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

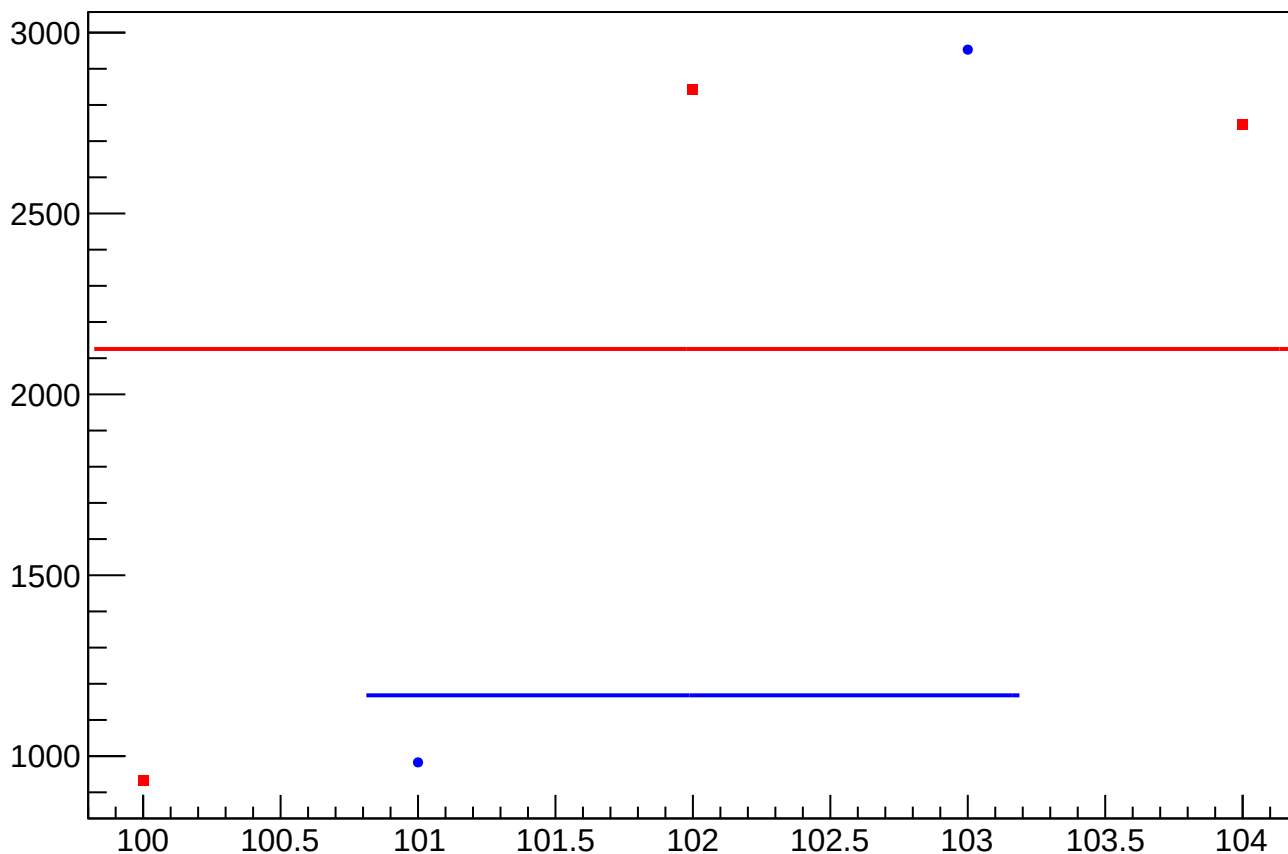
Right: -42.474+/-1017.607 χ^2/NDF : 5.4/4

In: -928.983+/-1167.217 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.474+/-1017.607 χ^2/NDF : 5.4/4

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.108+/-0.825 χ^2/NDF : 485540.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2125.516+/-1.469 χ^2/NDF : 372827.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

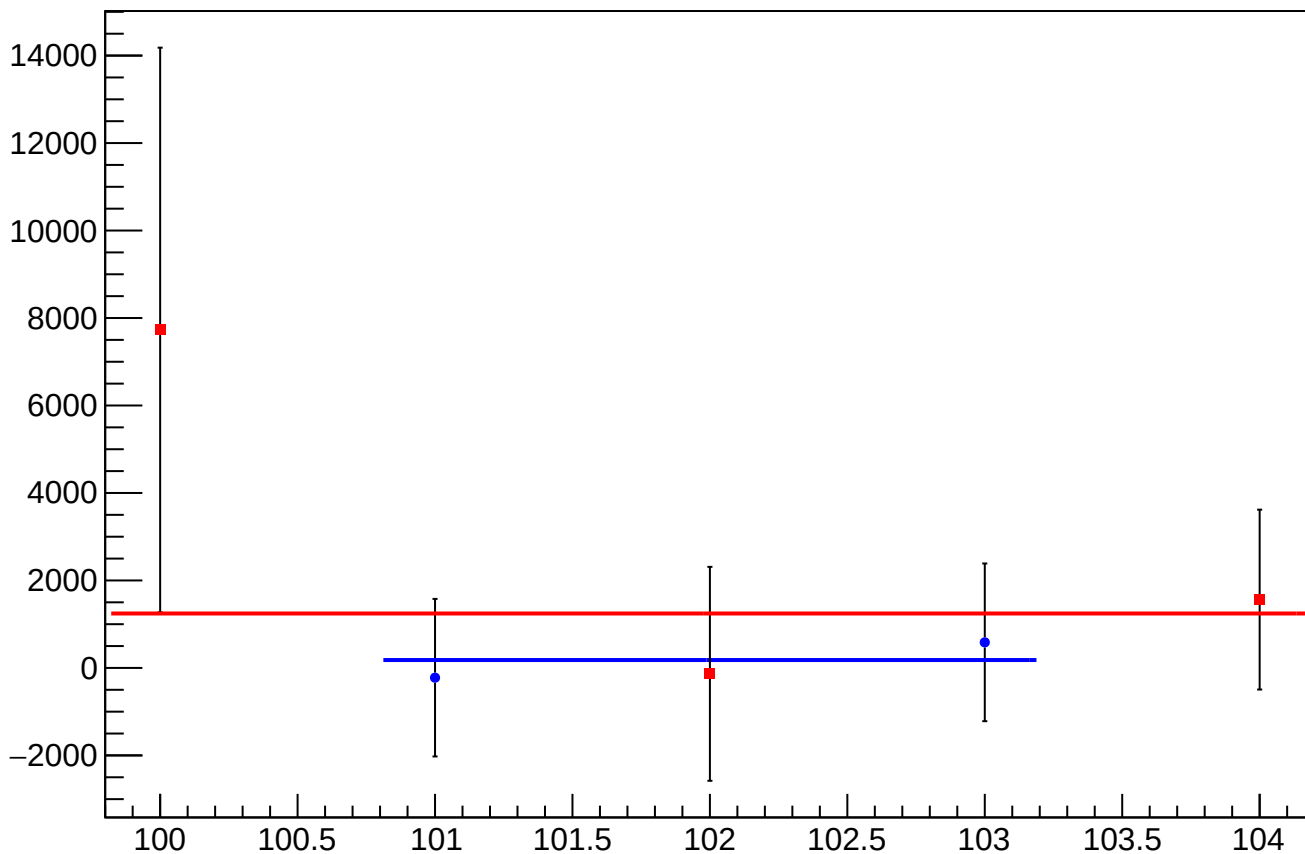
Right: 1397.813+/-0.720 χ^2/NDF : 1181213.4/4

In: 1168.108+/-0.825 χ^2/NDF : 485540.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.813+/-0.720 χ^2/NDF : 1181213.4/4

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: 1244.569+/-1529.064 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

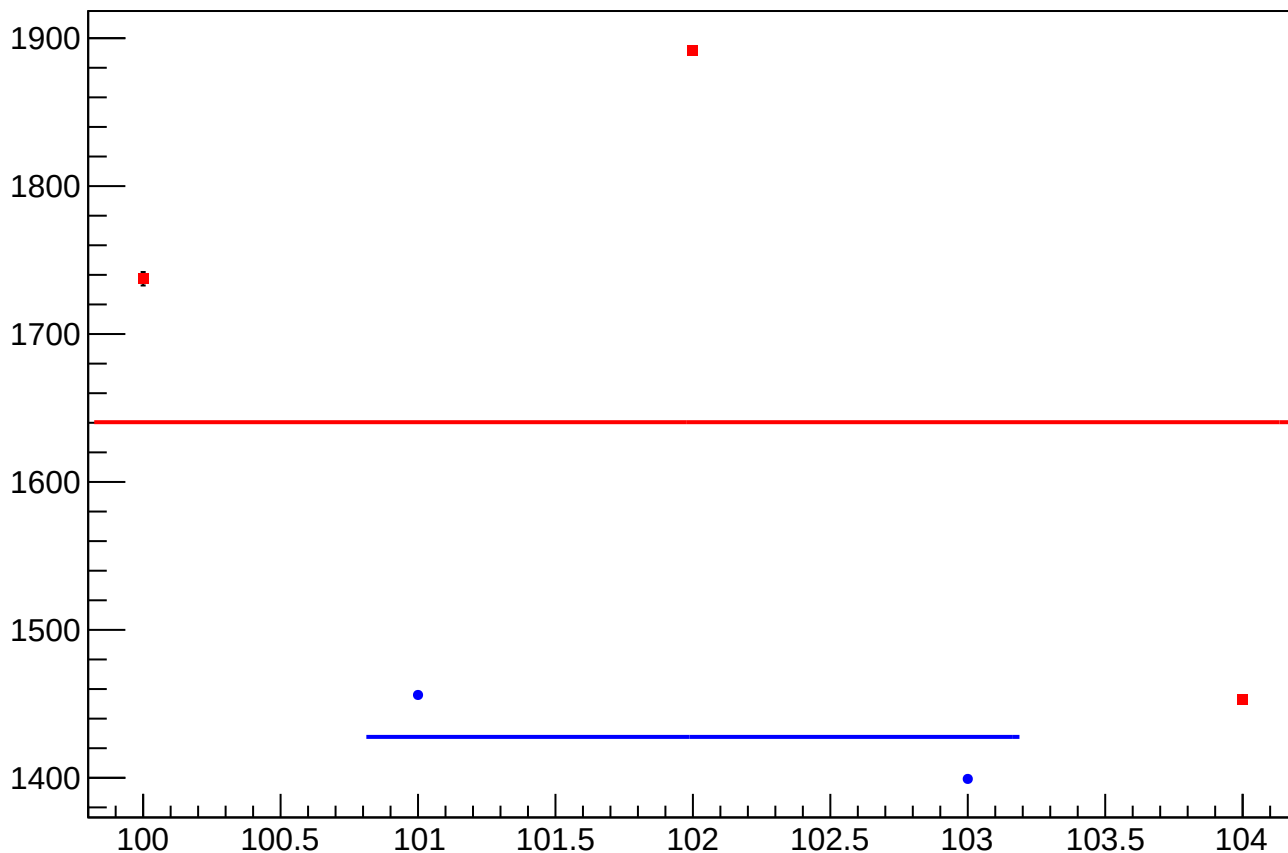
Right: 616.566+/-978.850 χ^2/NDF : 1.7/4

In: 180.501+/-1274.148 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.566+/-978.850 χ^2/NDF : 1.7/4

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1427.654 $\pm$ 0.901 χ^2 /NDF: 992.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1640.403 $\pm$ 1.081 χ^2 /NDF: 38244.3/2

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

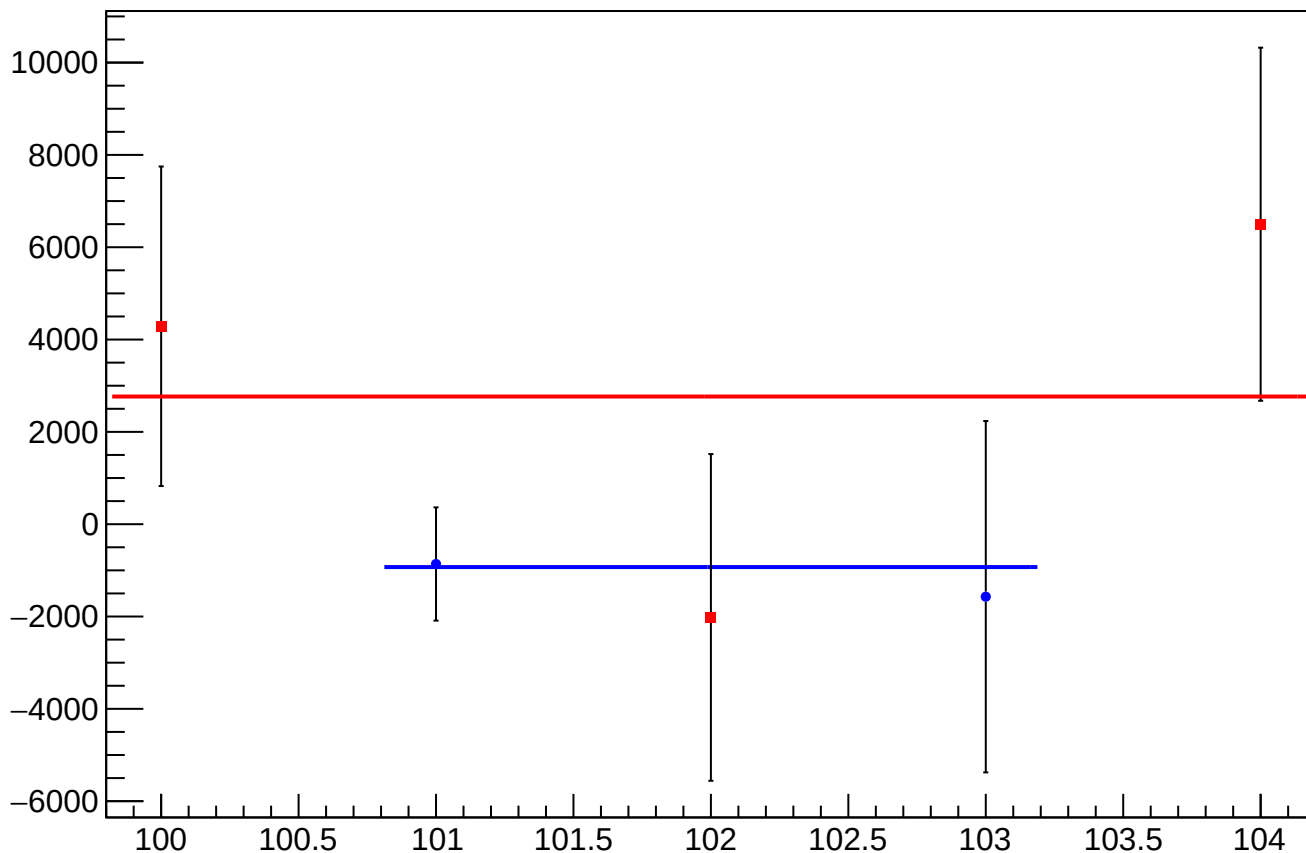
Right: 1514.841 $\pm$ 0.692 χ^2 /NDF: 62087.4/4

In: 1427.654 $\pm$ 0.901 χ^2 /NDF: 992.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1514.841 $\pm$ 0.692 χ^2 /NDF: 62087.4/4

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -928.980+/-1167.216 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2765.988+/-2077.515 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

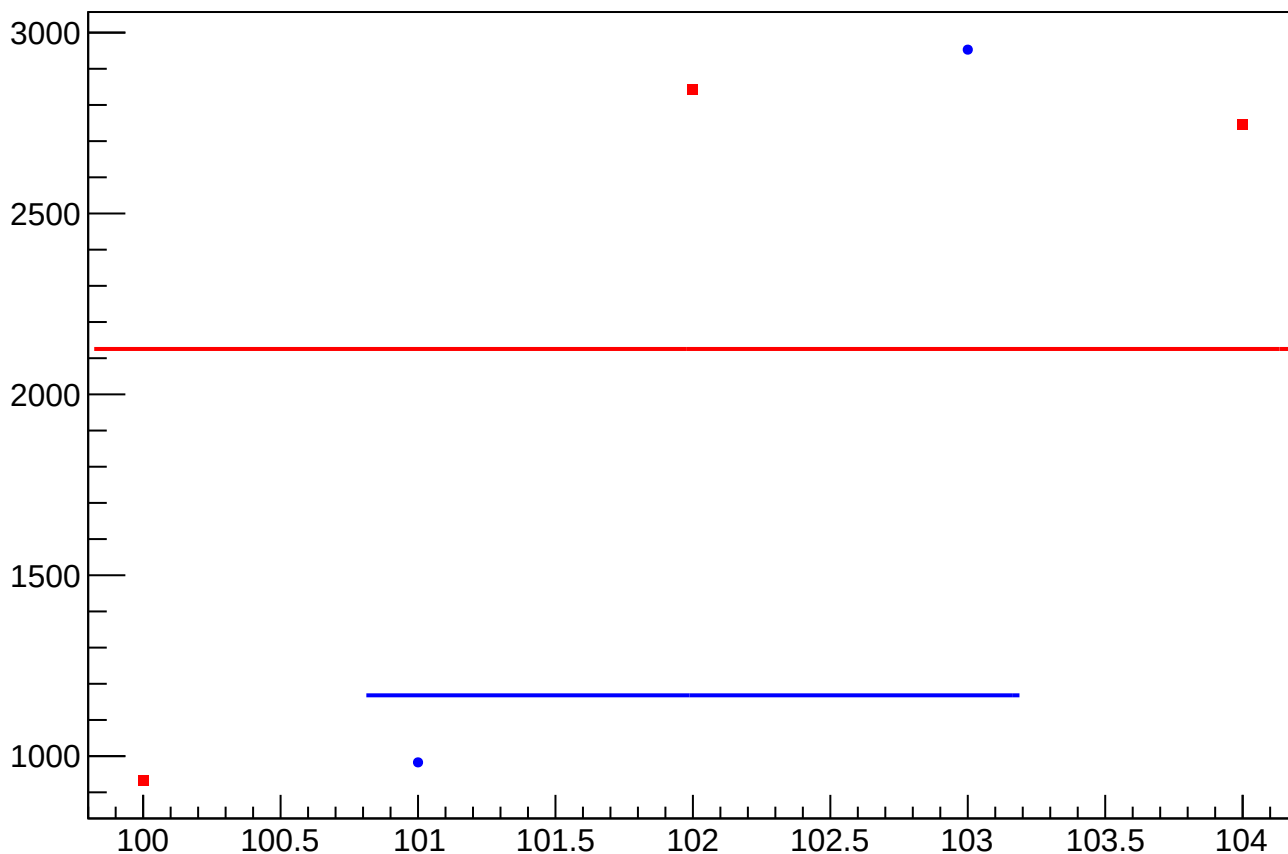
Right: -42.473+/-1017.607 χ^2/NDF : 5.4/4

In: -928.980+/-1167.216 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.473+/-1017.607 χ^2/NDF : 5.4/4

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: 2125.517+/-1.469 χ^2/NDF : 372829.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

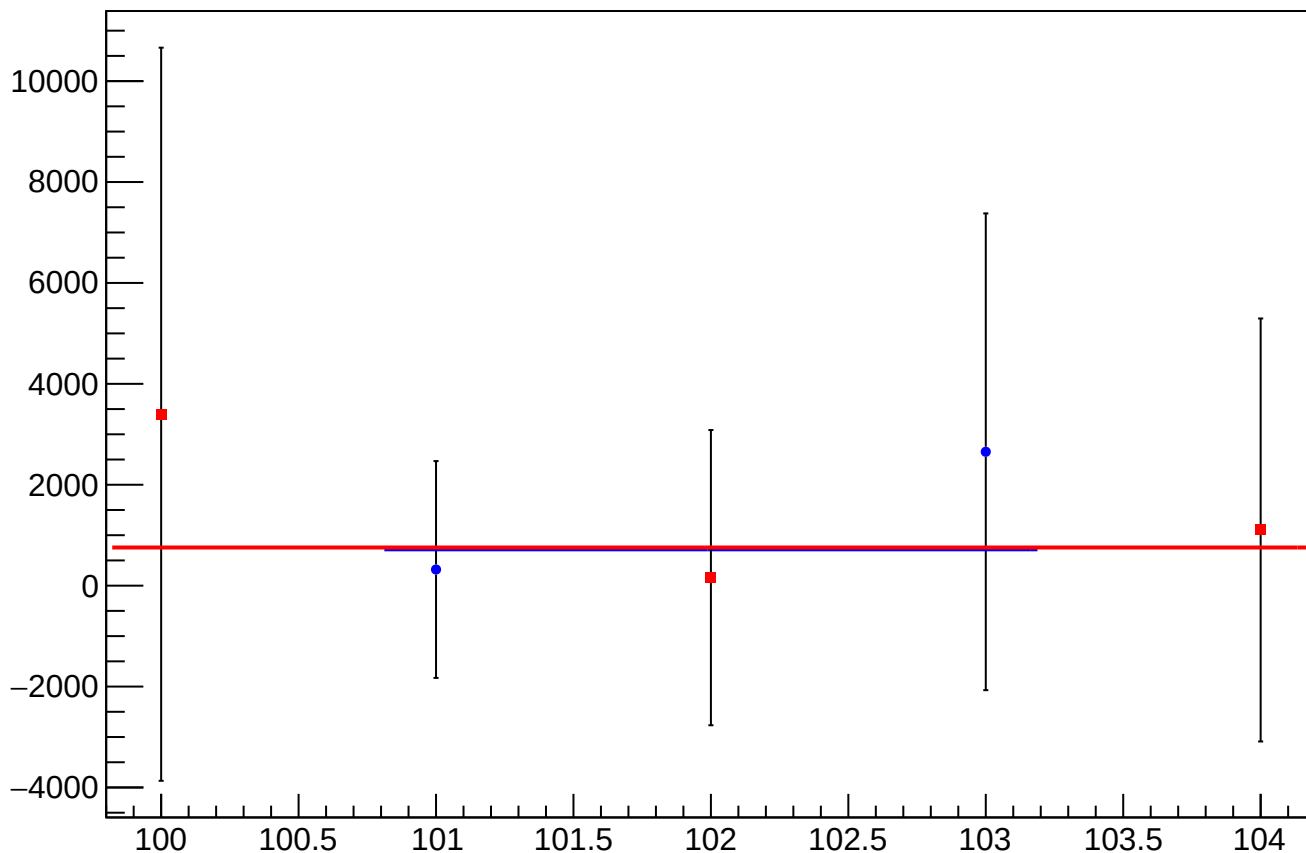
Right: 1397.811+/-0.720 χ^2/NDF : 1181217.7/4

In: 1168.107+/-0.825 χ^2/NDF : 485542.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.811+/-0.720 χ^2/NDF : 1181217.7/4

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: 756.441+/-2278.106 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

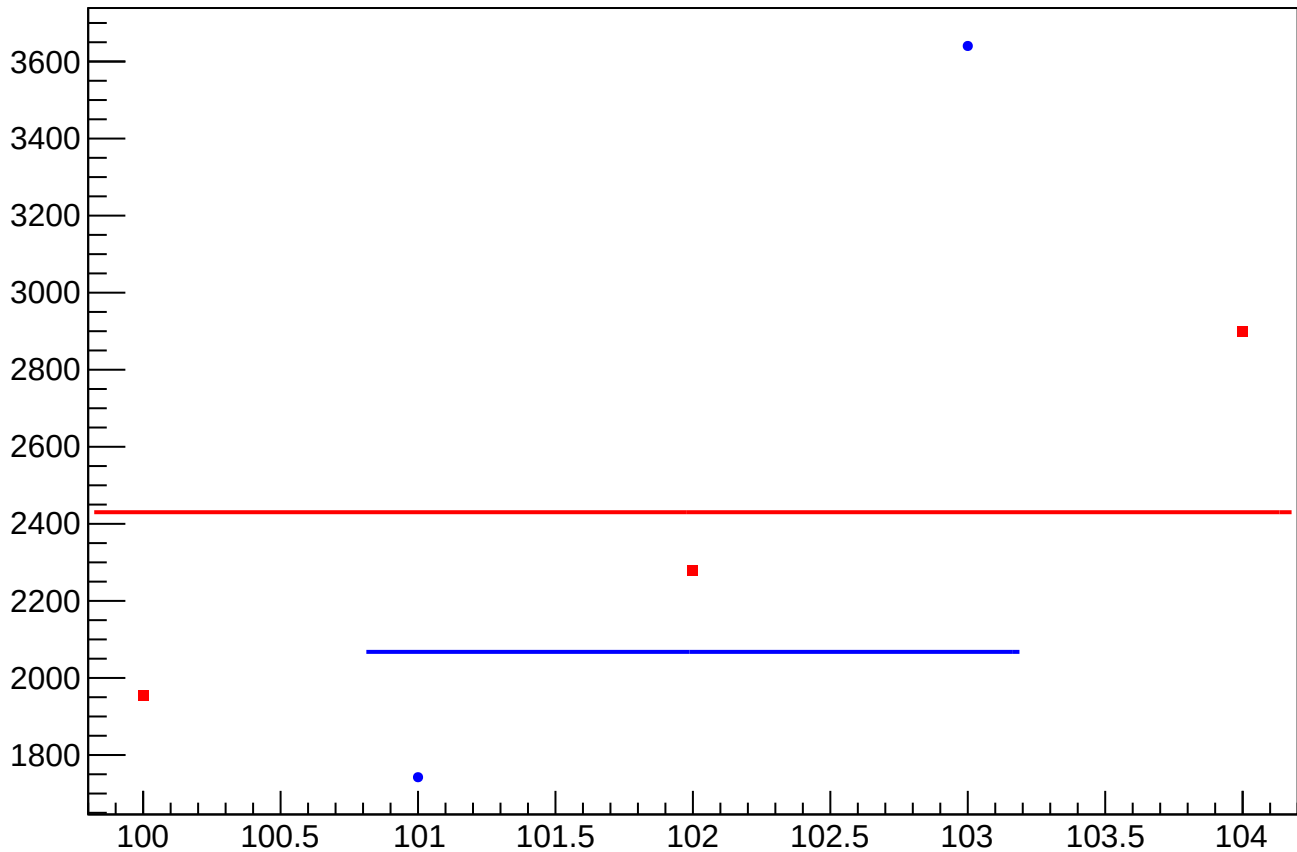
Right: 735.601+/-1484.052 χ^2/NDF : 0.4/4

In: 720.237+/-1956.048 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 735.601+/-1484.052 χ^2/NDF : 0.4/4

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: 2430.178+/-1.611 χ^2/NDF : 38994.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

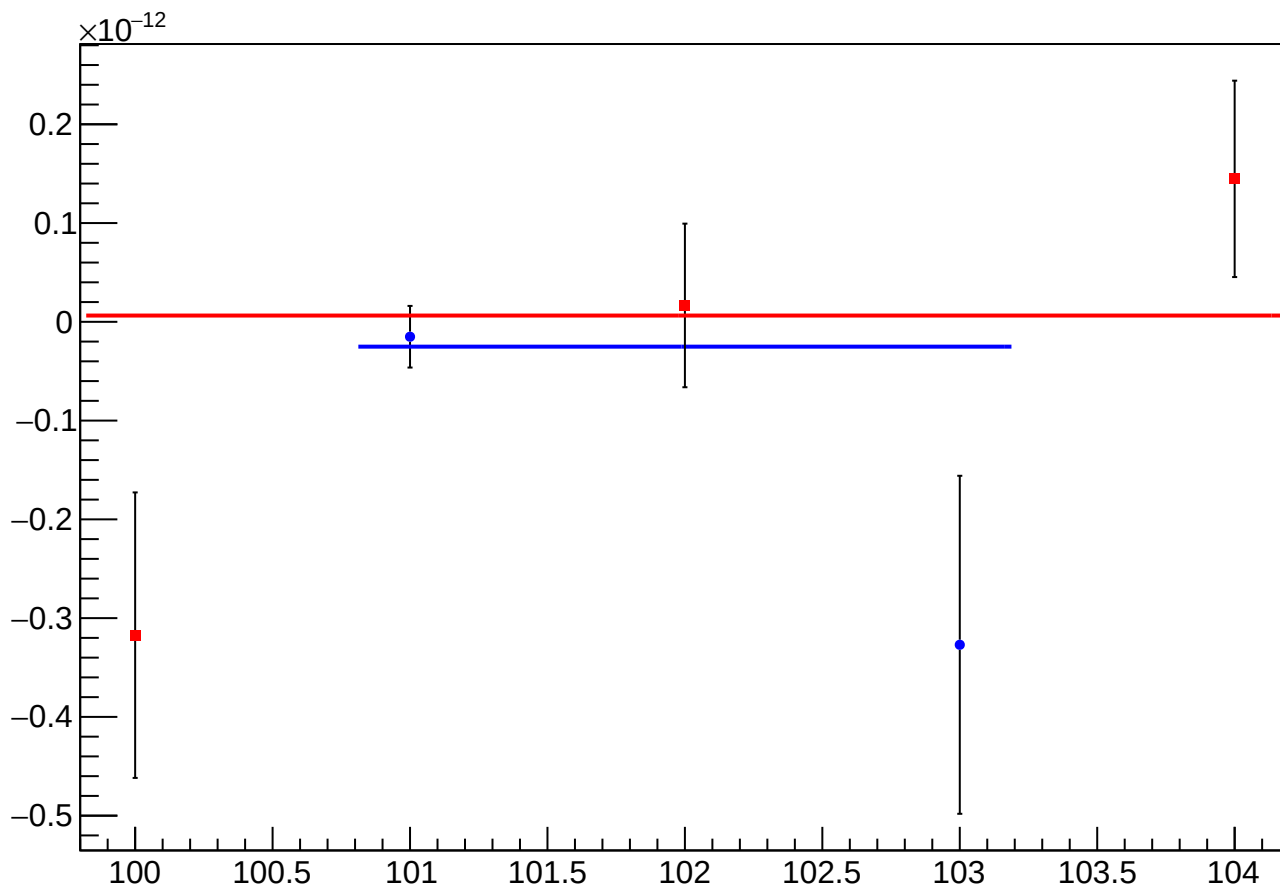
Right: 2221.519+/-1.049 χ^2/NDF : 335572.9/4

In: 2067.686+/-1.383 χ^2/NDF : 267429.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.519+/-1.049 χ^2/NDF : 335572.9/4

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 : 7.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

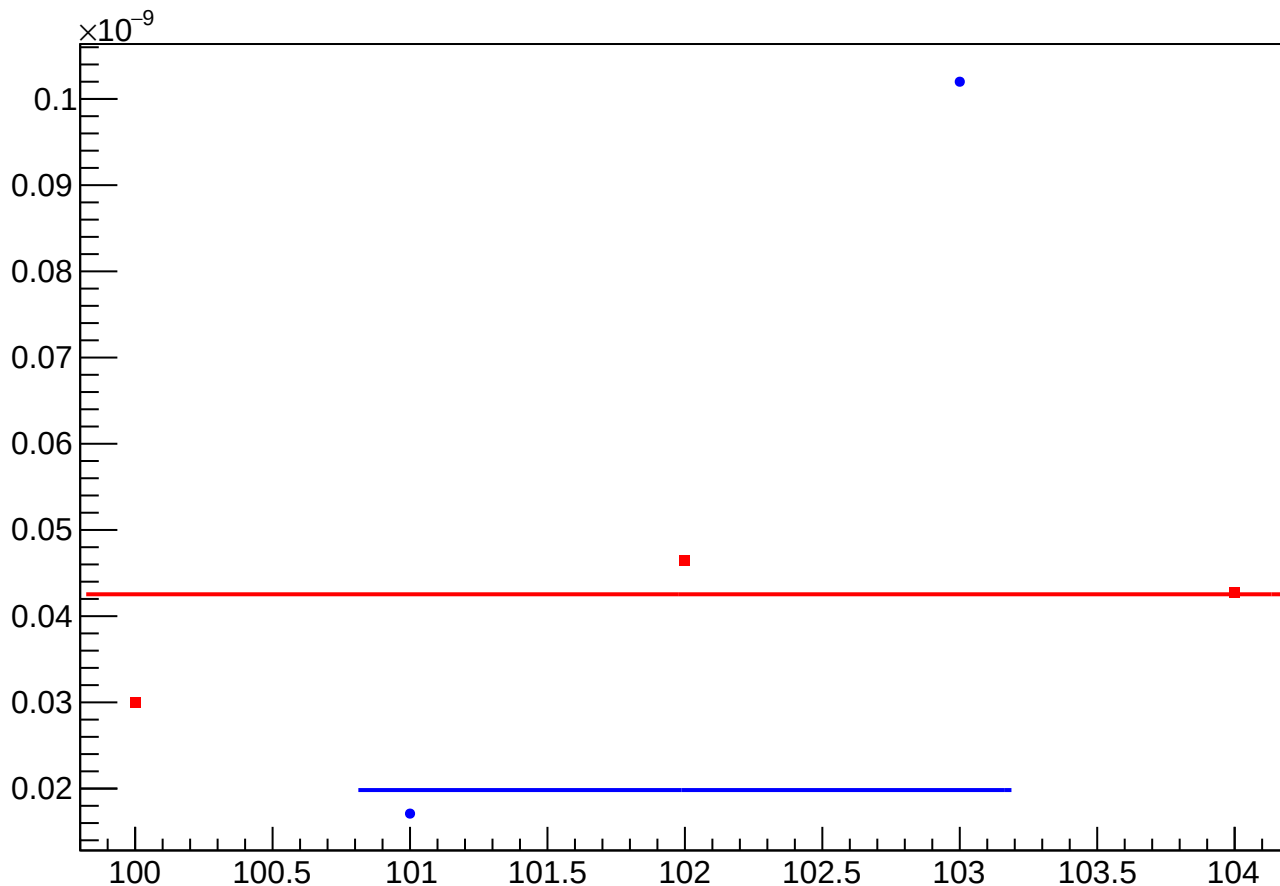
Right: -0.000+/-0.000 χ^2/NDF : 10.4/4

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 : 10.4/4

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 : 19501.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

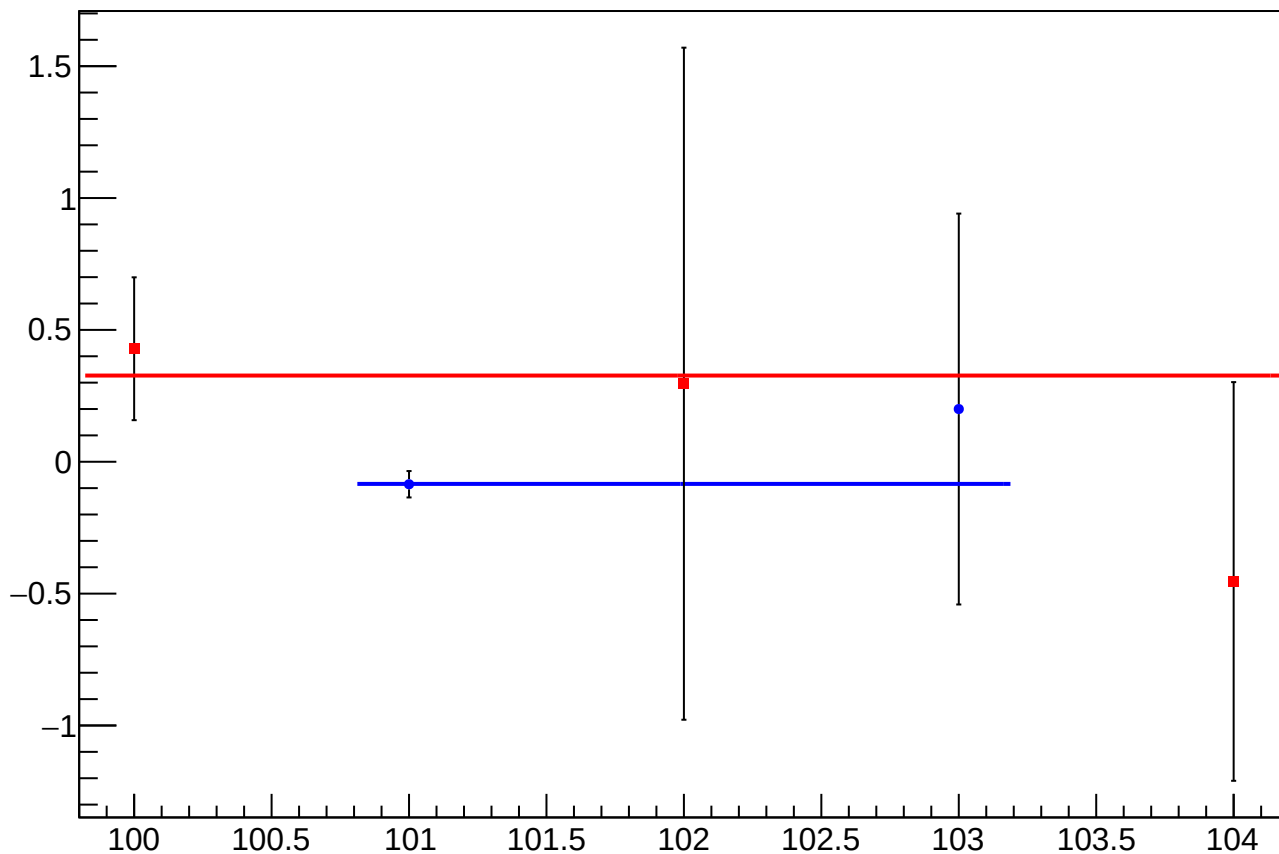
Right: 0.000+/-0.000 χ^2/NDF : 734072.2/4

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 : 734072.2/4

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.327 $\pm$ 0.250 χ^2 /NDF: 1.2/2

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

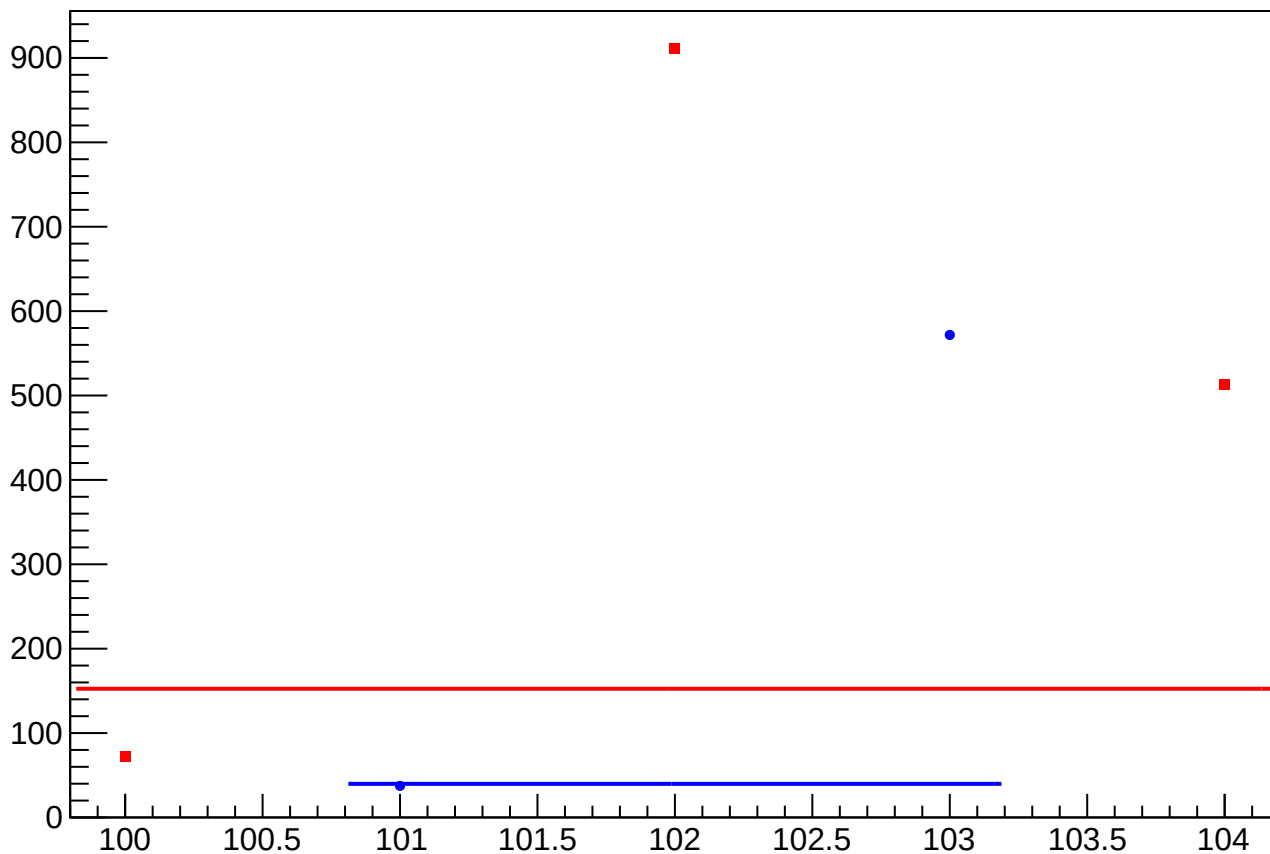
Right: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

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: 152.533 $\pm$ 0.177 χ^2 /NDF: 1342203.9/2

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

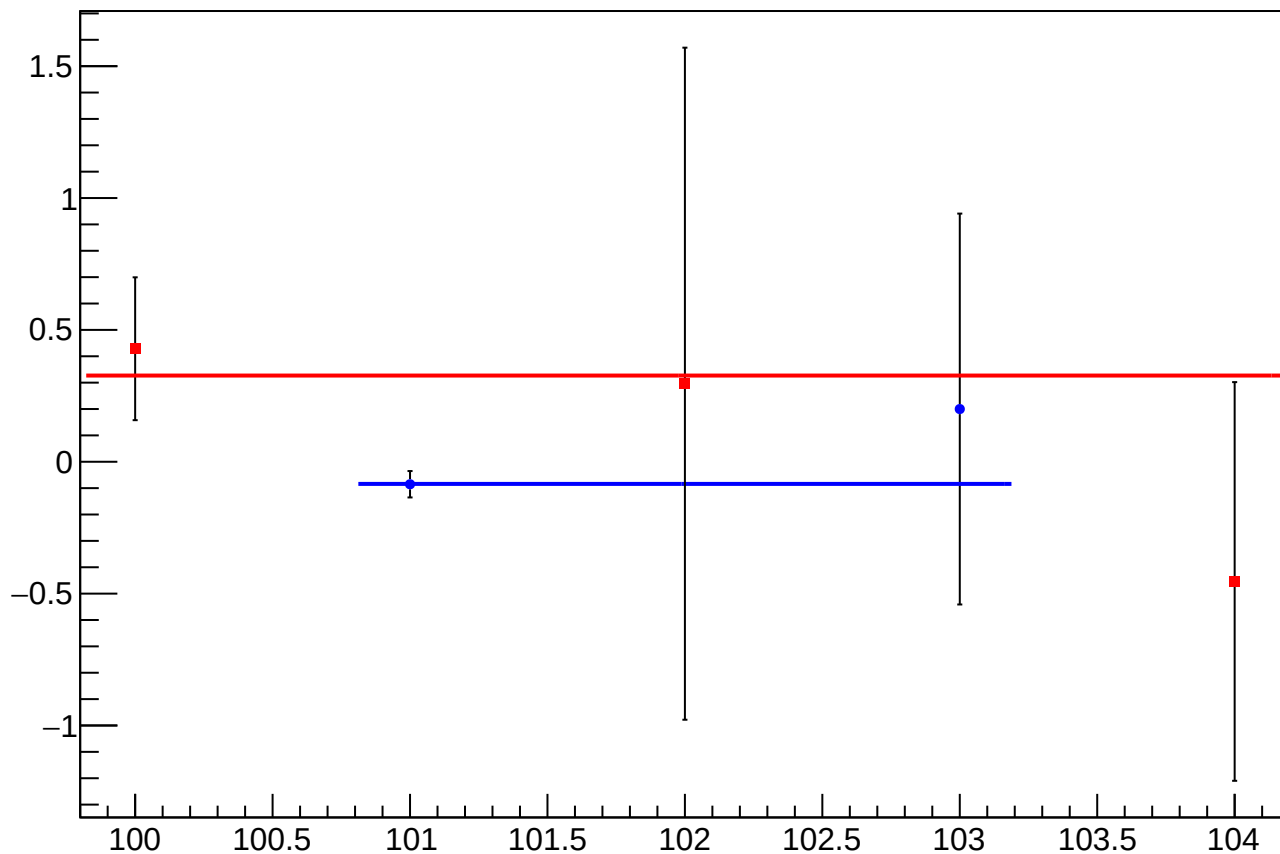
Right: 44.163 $\pm$ 0.035 χ^2 /NDF: 2768017.1/4

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: 44.163 $\pm$ 0.035 χ^2 /NDF: 2768017.1/4

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.327 $\pm$ 0.250 χ^2 /NDF: 1.2/2

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

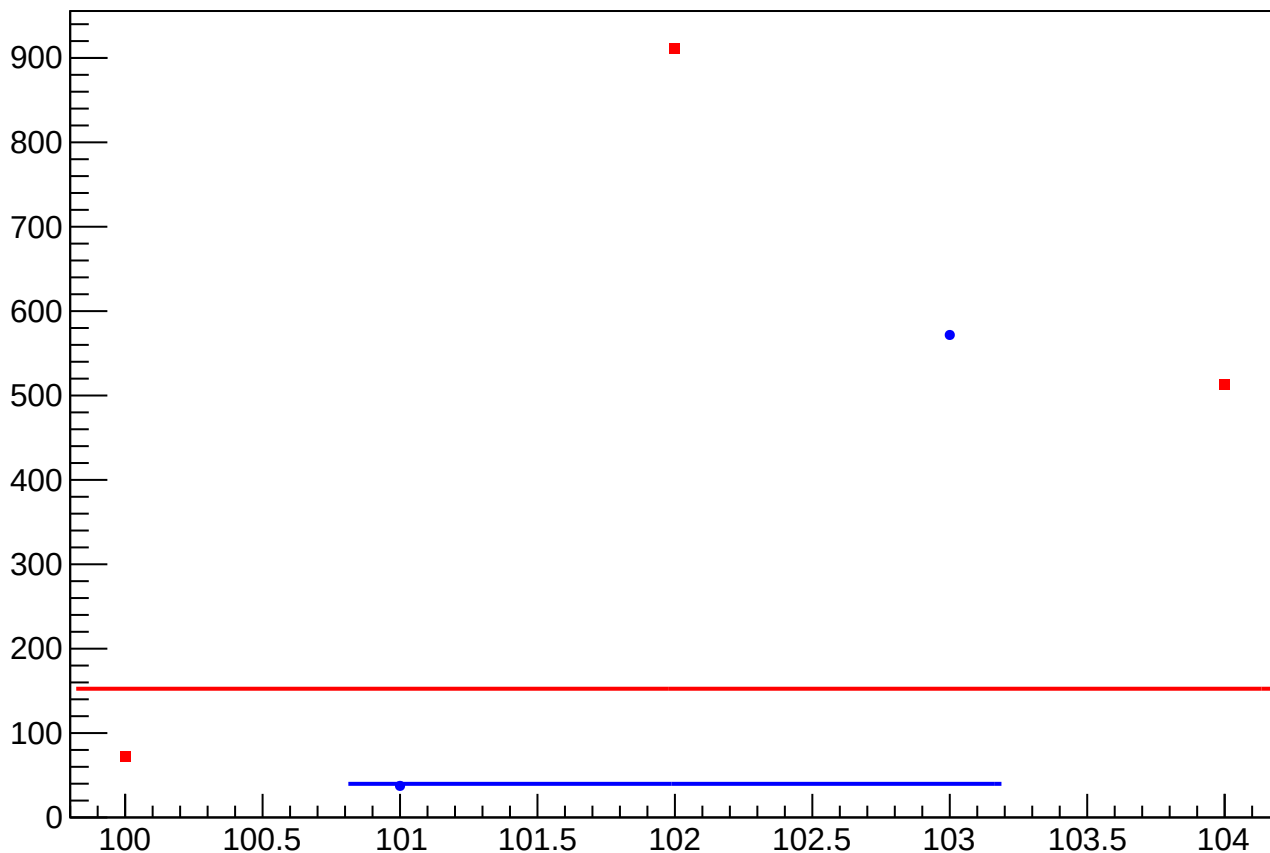
Right: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

In: -0.084 $\pm$ 0.050 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

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: 152.533+/-0.177 χ^2/NDF : 1342203.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

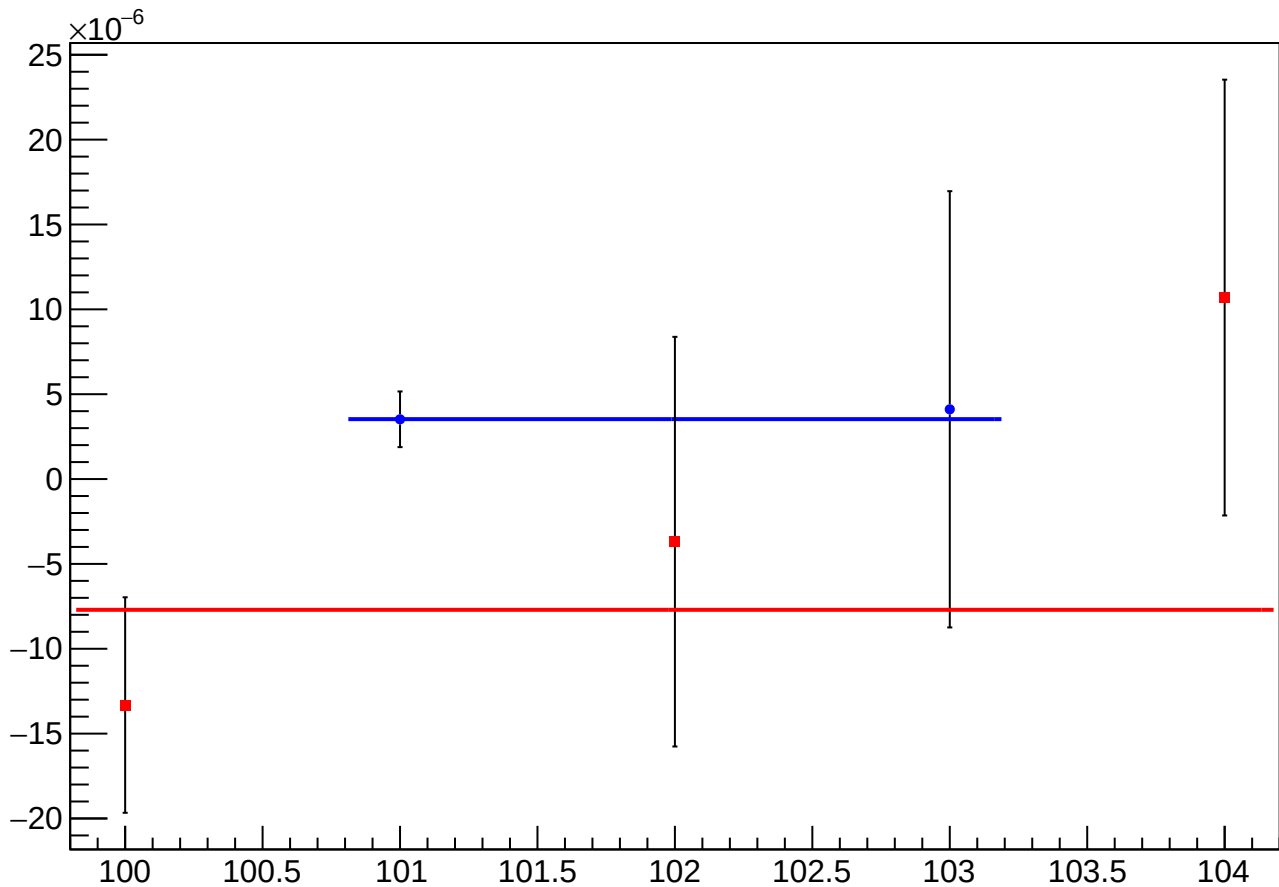
Right: 44.163+/-0.035 χ^2/NDF : 2768017.1/4

In: 39.840+/-0.035 χ^2/NDF : 1035016.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.163+/-0.035 χ^2/NDF : 2768017.1/4

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 : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

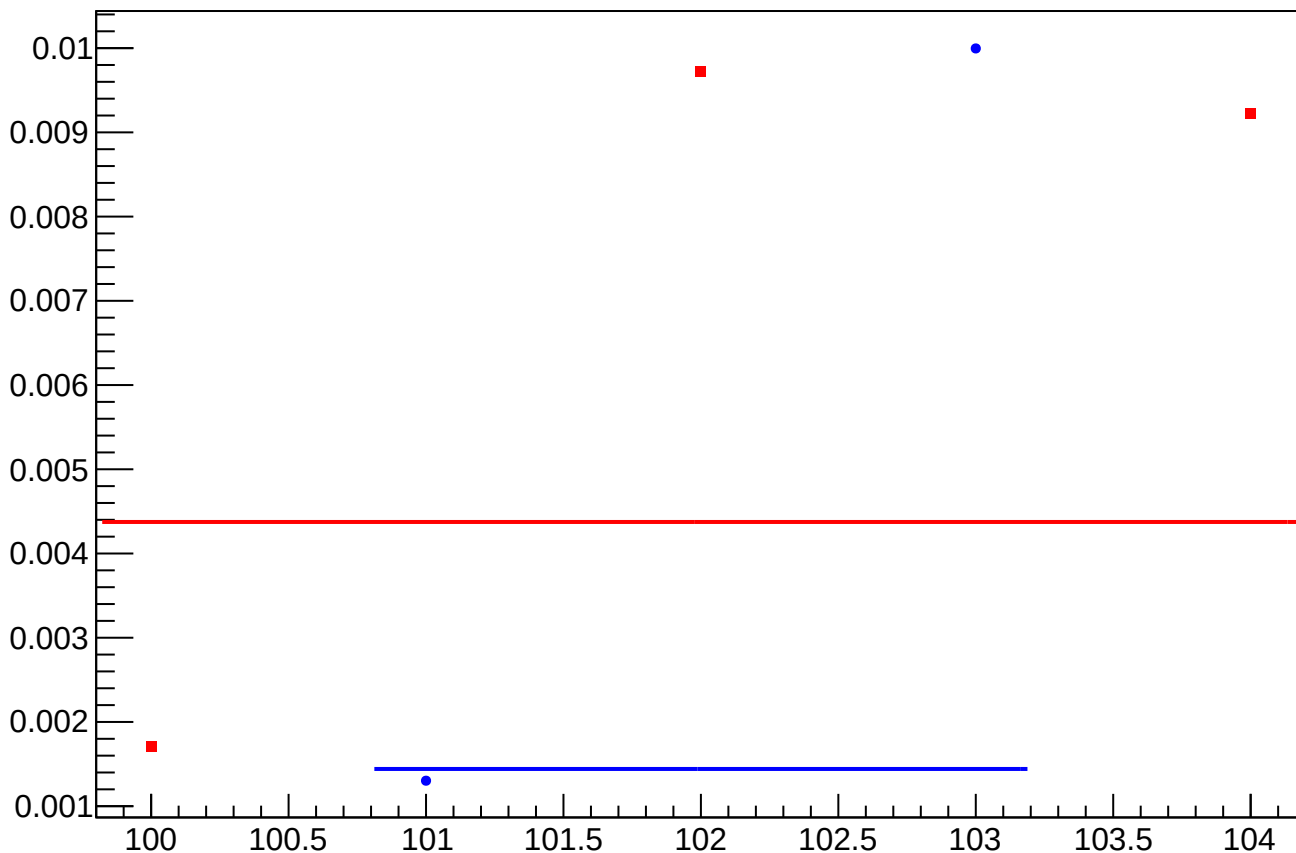
Right: 0.000+/-0.000 χ^2/NDF : 7.3/4

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 : 7.3/4

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: 0.004+/-0.000 χ^2/NDF : 1029869.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

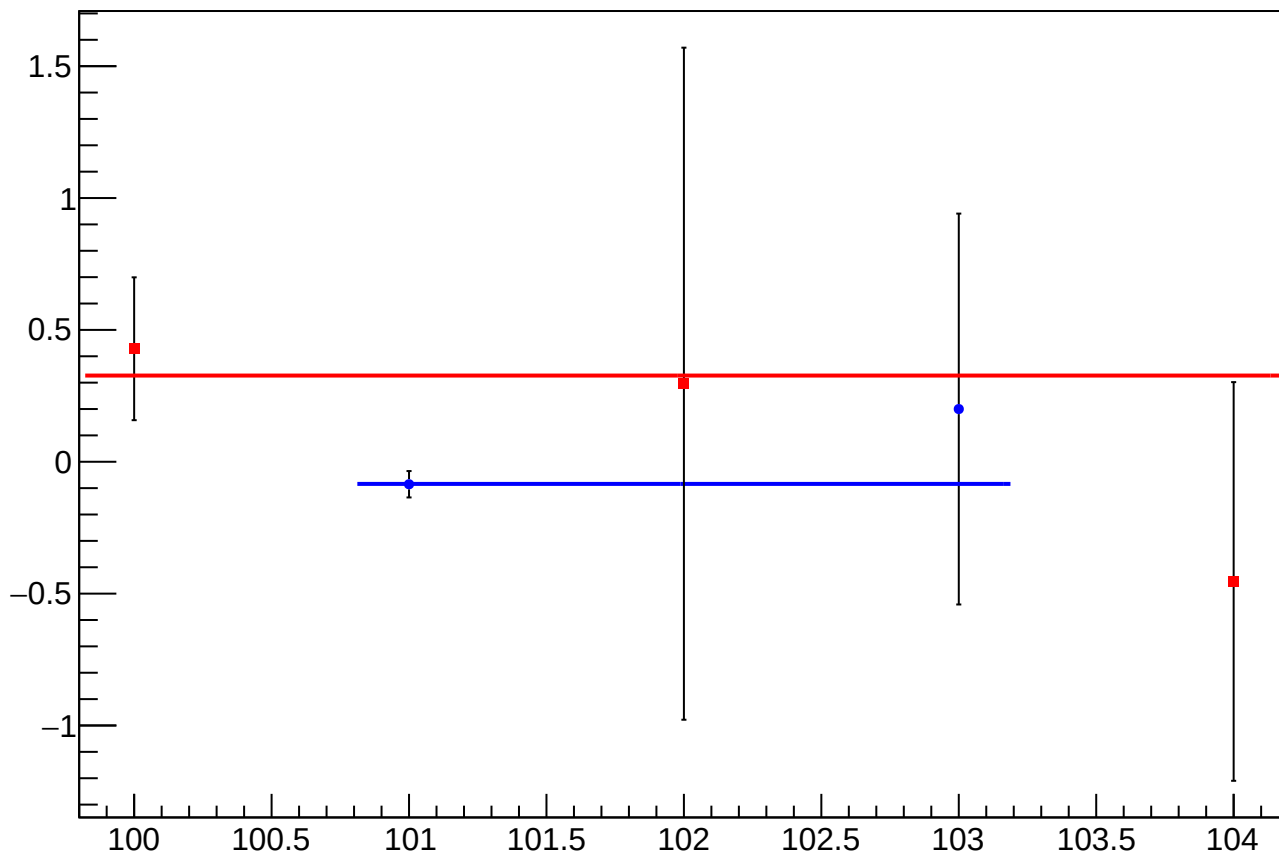
Right: 0.002+/-0.000 χ^2/NDF : 2520214.6/4

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 : 2520214.6/4

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.327 $\pm$ 0.250 χ^2 /NDF: 1.2/2

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

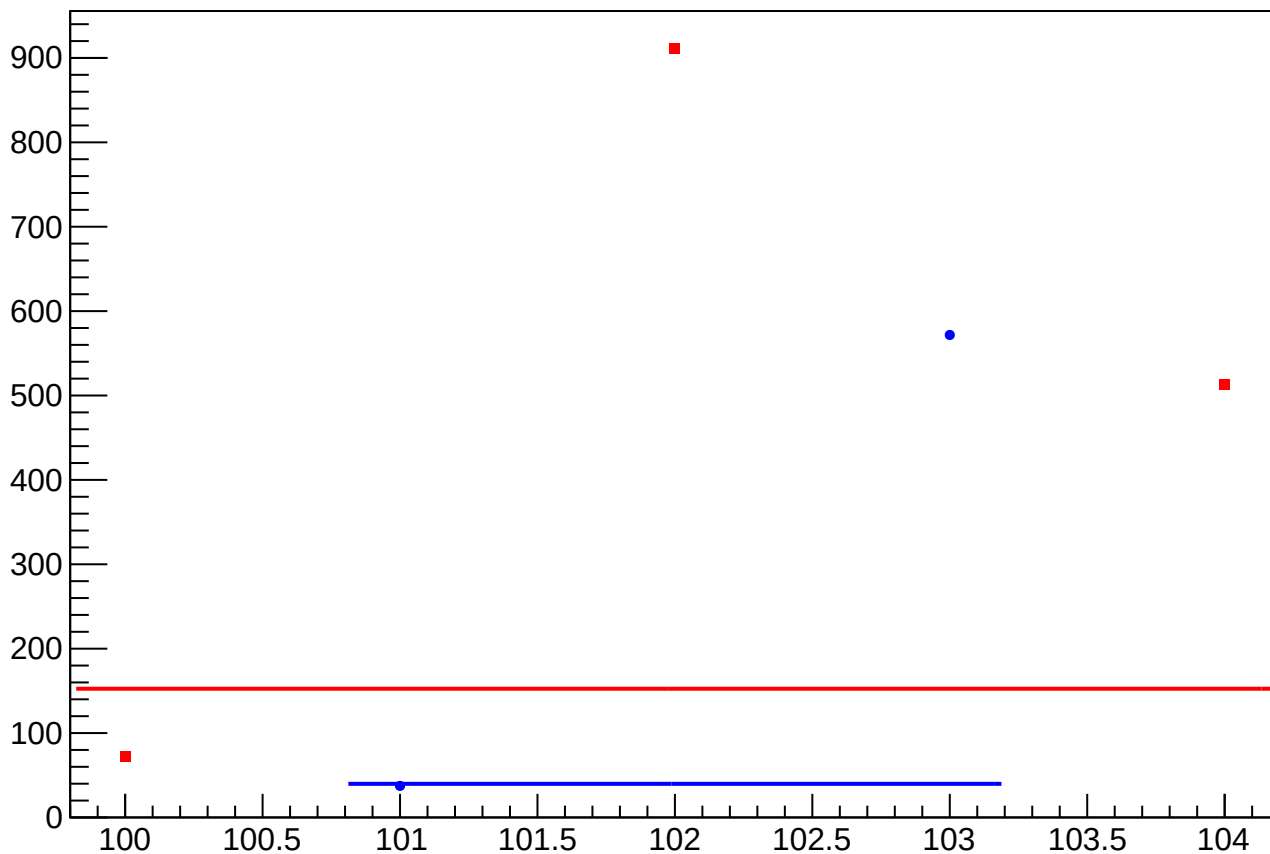
Right: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

In: -0.084 $\pm$ 0.050 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.068 $\pm$ 0.049 χ^2 /NDF: 4.0/4

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: 152.531+/-0.177 χ^2/NDF : 1342203.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

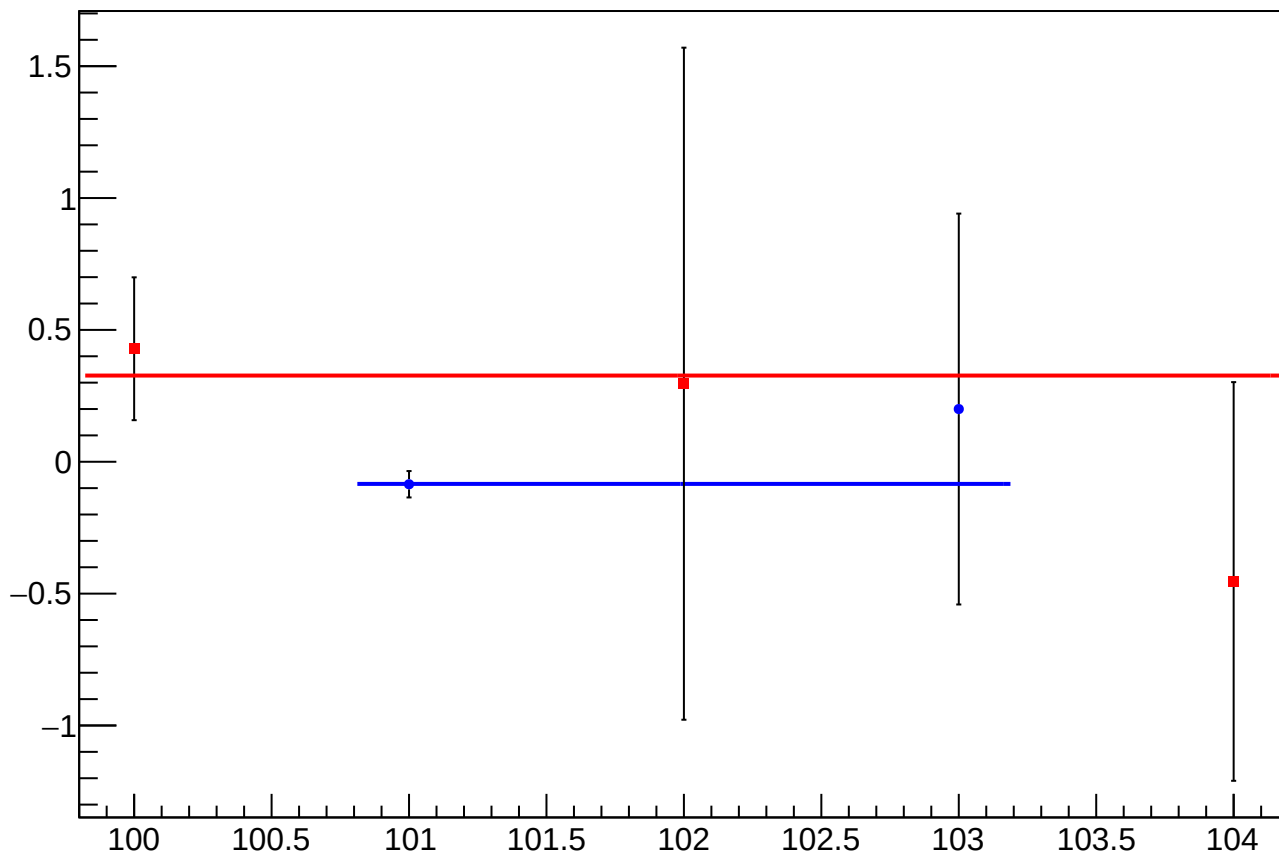
Right: 44.163+/-0.035 χ^2/NDF : 2768009.2/4

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.163+/-0.035 χ^2/NDF : 2768009.2/4

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: 0.327+/-0.250 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

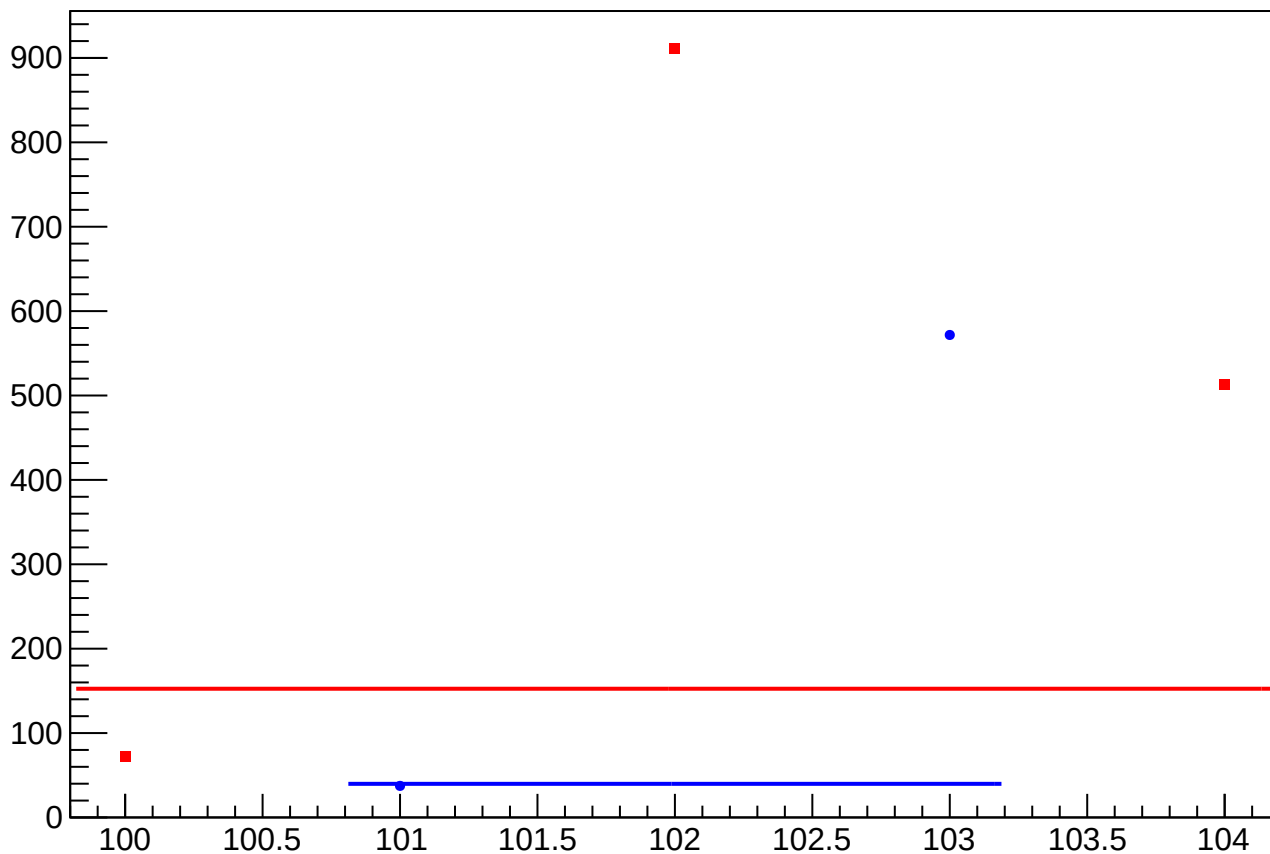
Right: -0.068+/-0.049 χ^2/NDF : 4.0/4

In: -0.084+/-0.050 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.068+/-0.049 χ^2/NDF : 4.0/4

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: 152.531+/-0.177 χ^2/NDF : 1342203.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

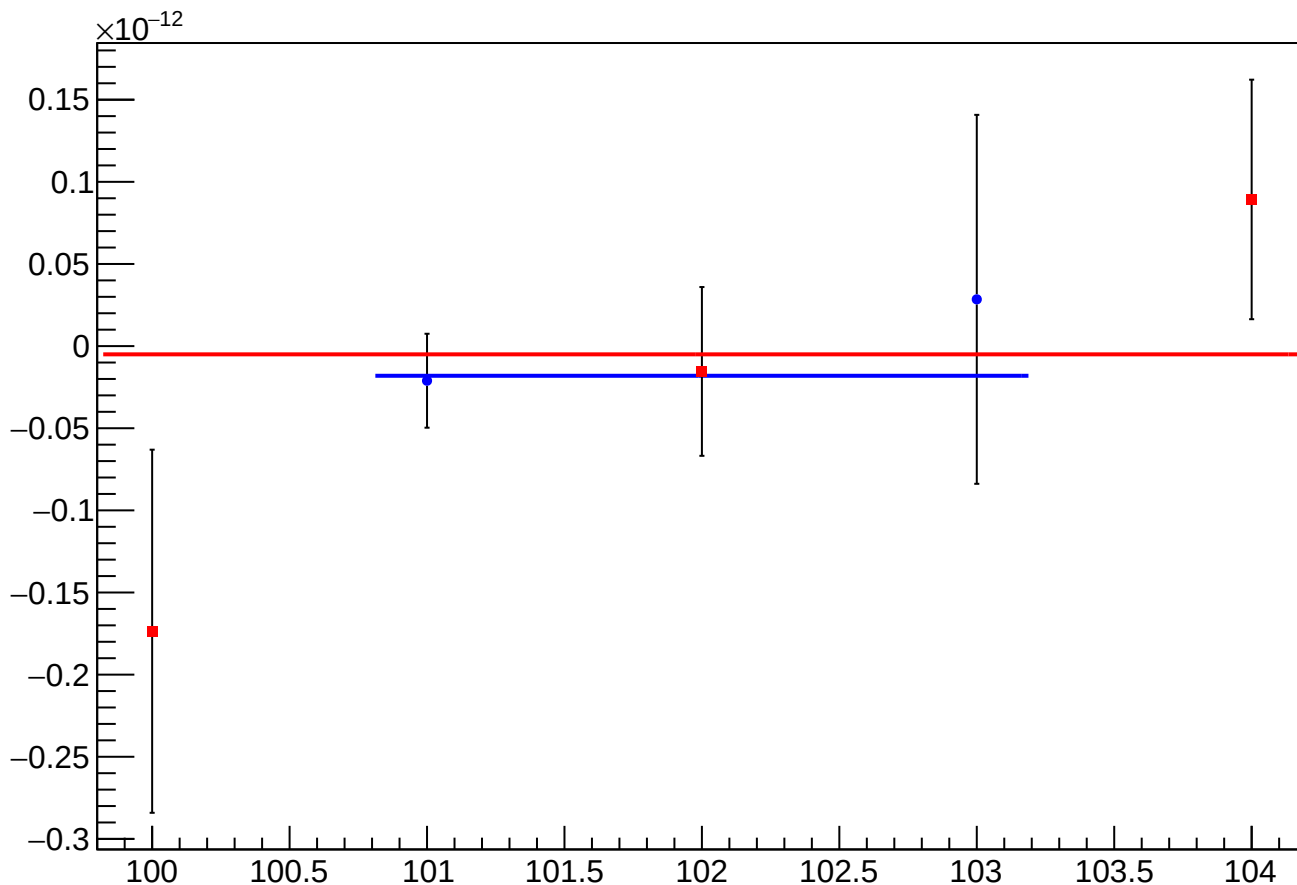
Right: 44.163+/-0.035 χ^2/NDF : 2768009.2/4

In: 39.839+/-0.035 χ^2/NDF : 1035015.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.163+/-0.035 χ^2/NDF : 2768009.2/4

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: 4.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

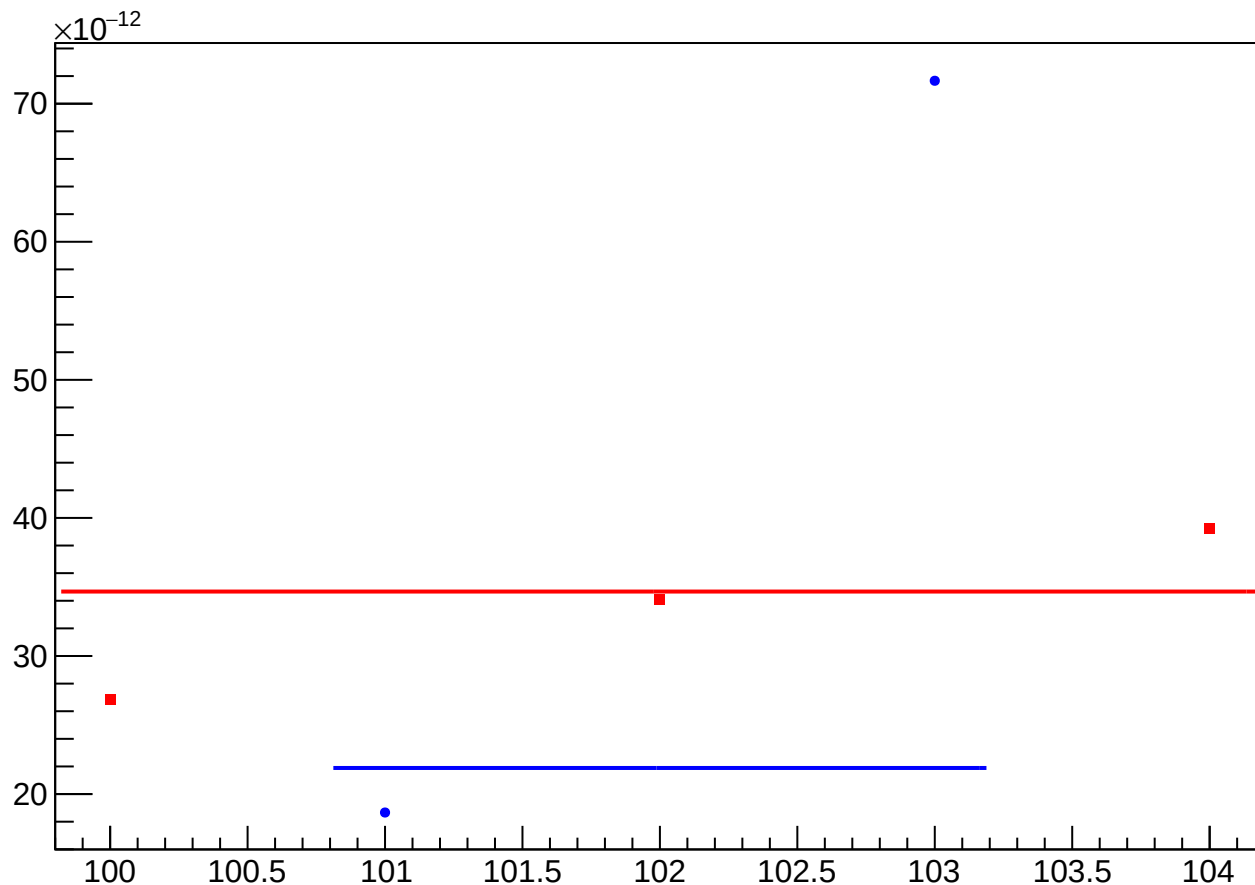
Right: -0.000+/-0.000 χ^2 /NDF: 4.3/4

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: 4.3/4

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 : 18111.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

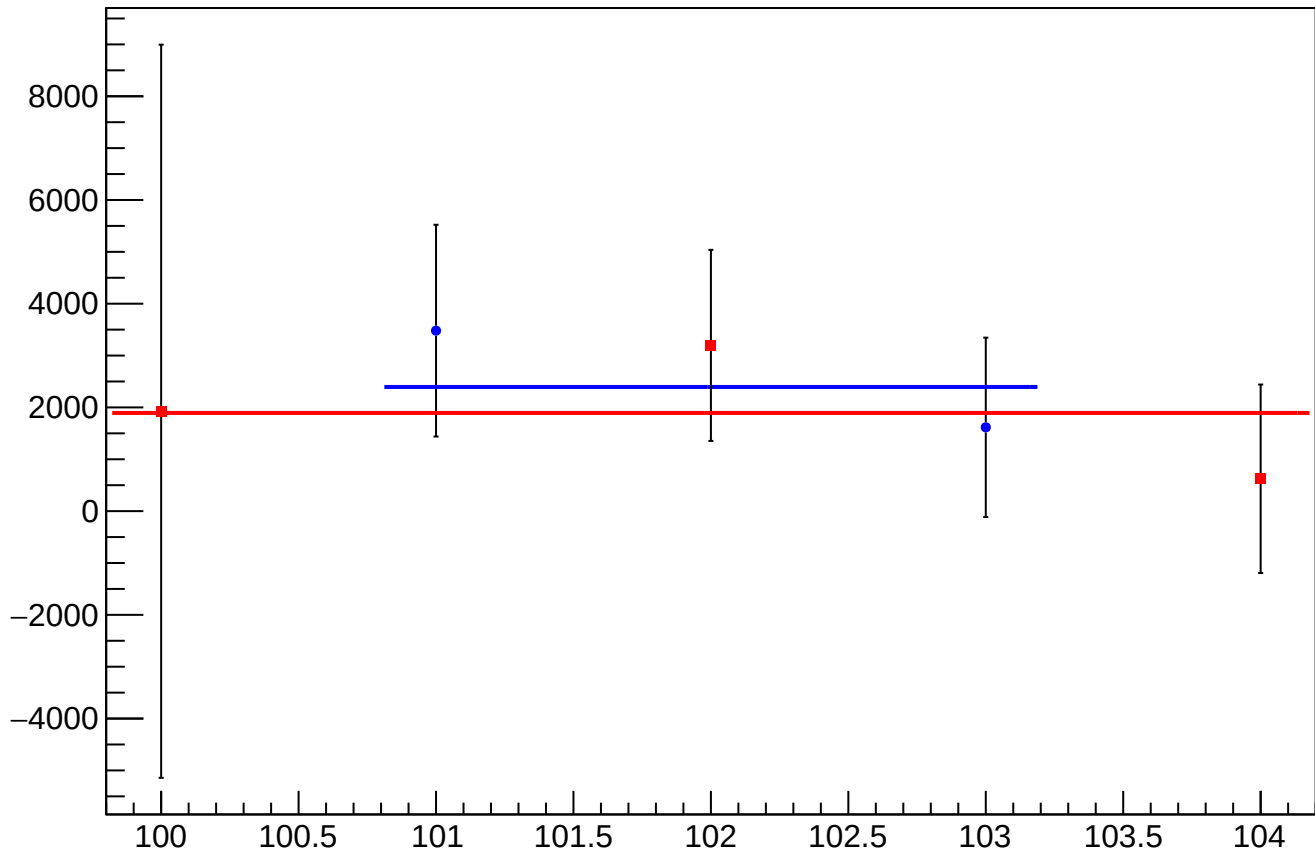
Right: 0.000+/-0.000 χ^2/NDF : 577773.6/4

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 : 577773.6/4

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: 1893.498+/-1272.762 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

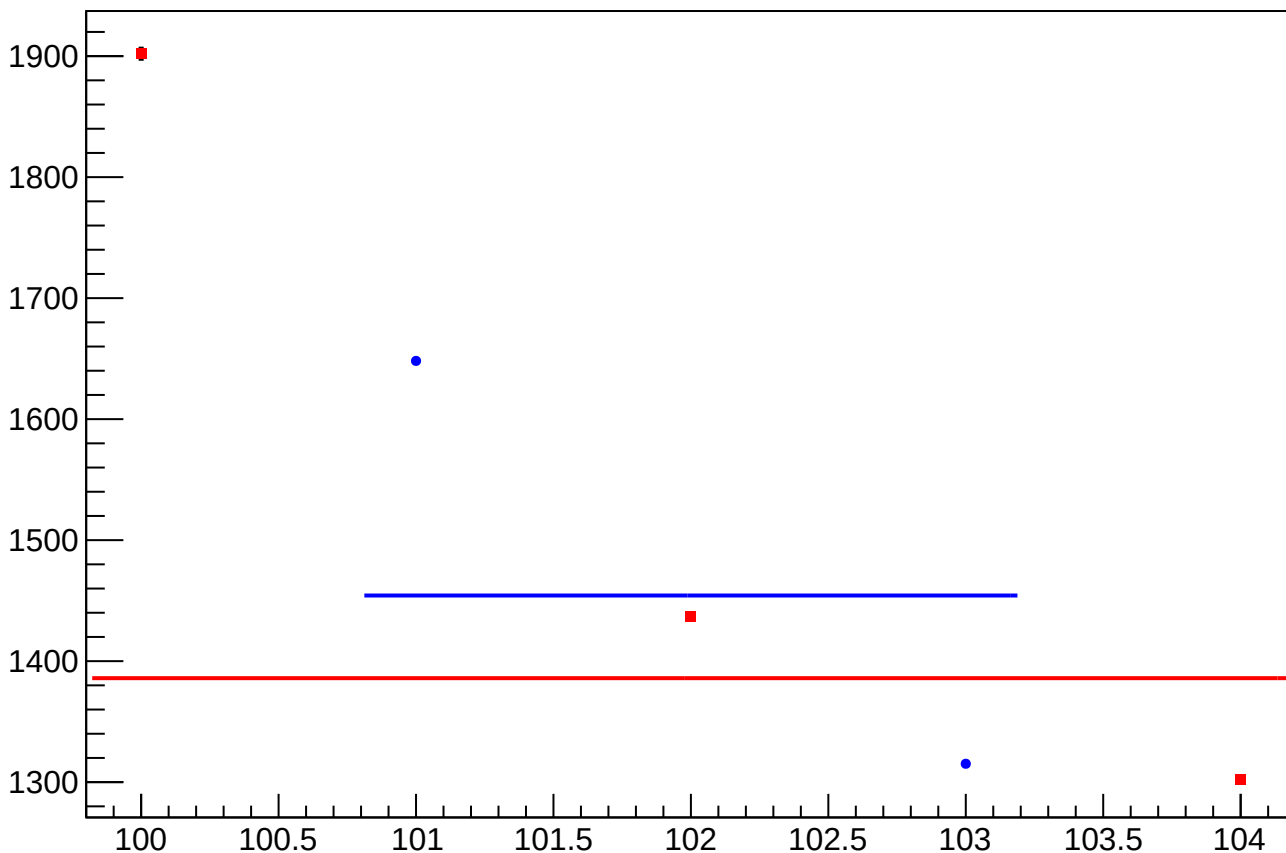
Right: 2134.949+/-916.138 χ^2 /NDF: 1.5/4

In: 2394.555+/-1319.744 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2134.949+/-916.138 χ^2 /NDF: 1.5/4

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: 1385.932+/-0.900 χ^2/NDF : 16402.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

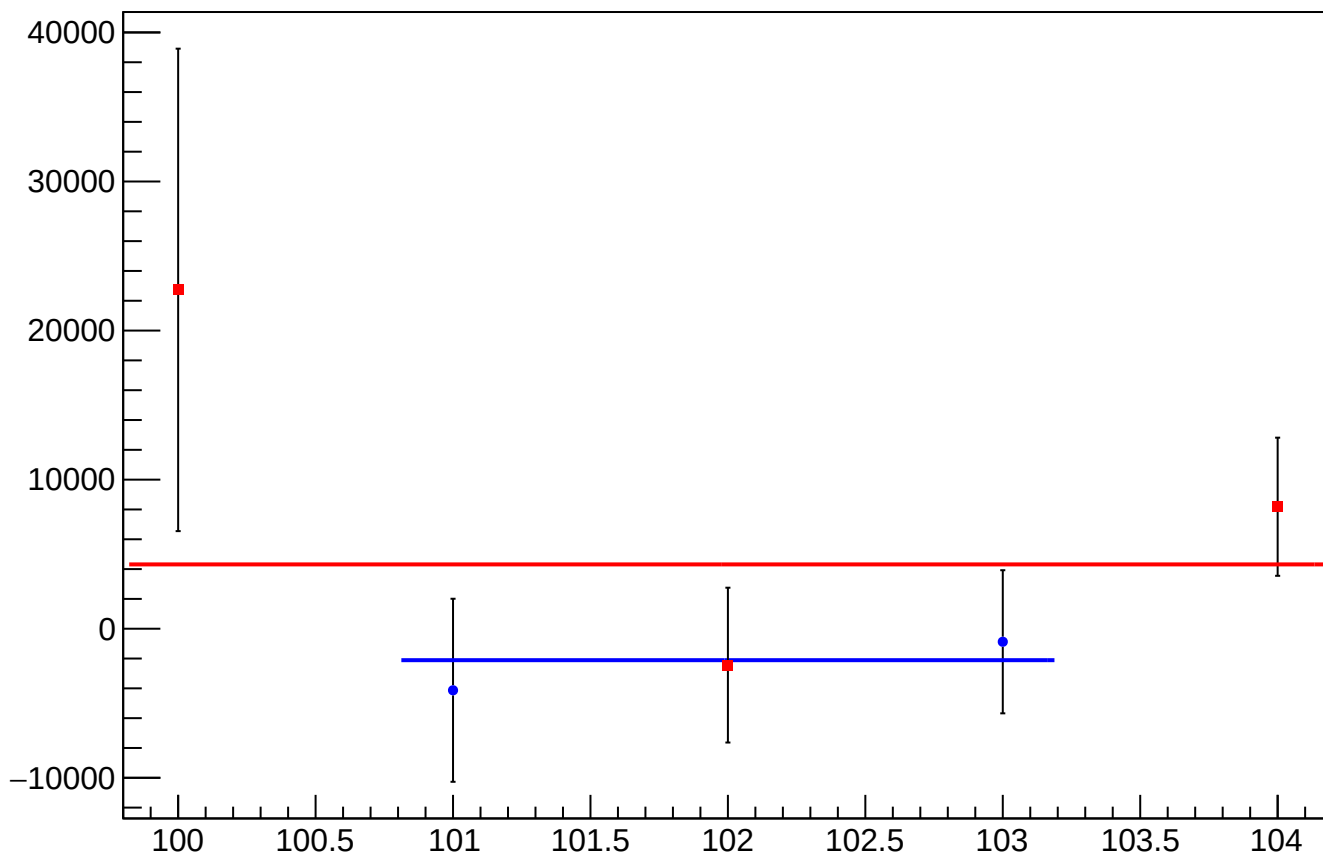
Right: 1418.850+/-0.648 χ^2/NDF : 50138.4/4

In: 1454.244+/-0.933 χ^2/NDF : 30959.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.850+/-0.648 χ^2/NDF : 50138.4/4

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: 4314.270+/-3381.038 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

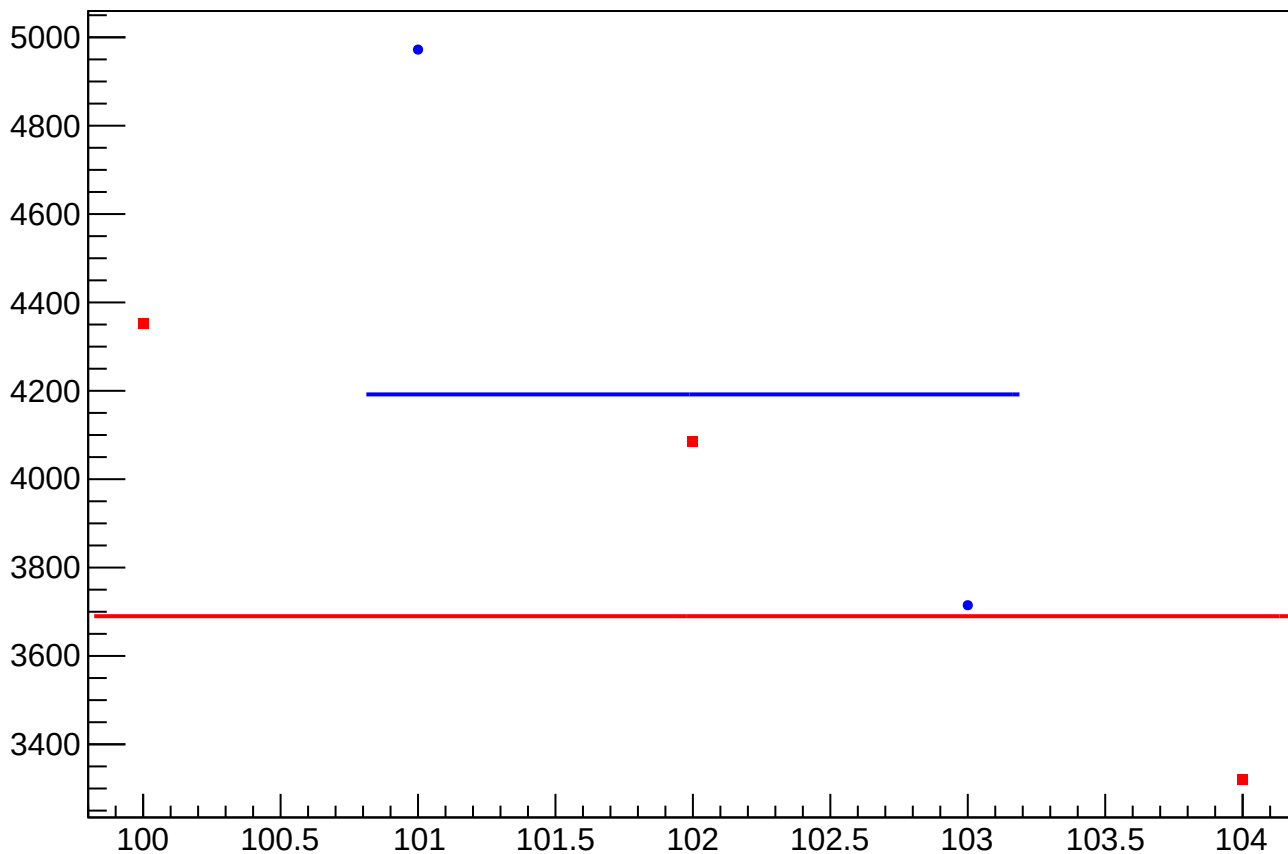
Right: 1460.174+/-2520.550 χ^2/NDF : 5.5/4

In: -2110.460+/-3781.712 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.174+/-2520.550 χ^2/NDF : 5.5/4

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: 3689.963+/-2.391 χ^2/NDF : 27660.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

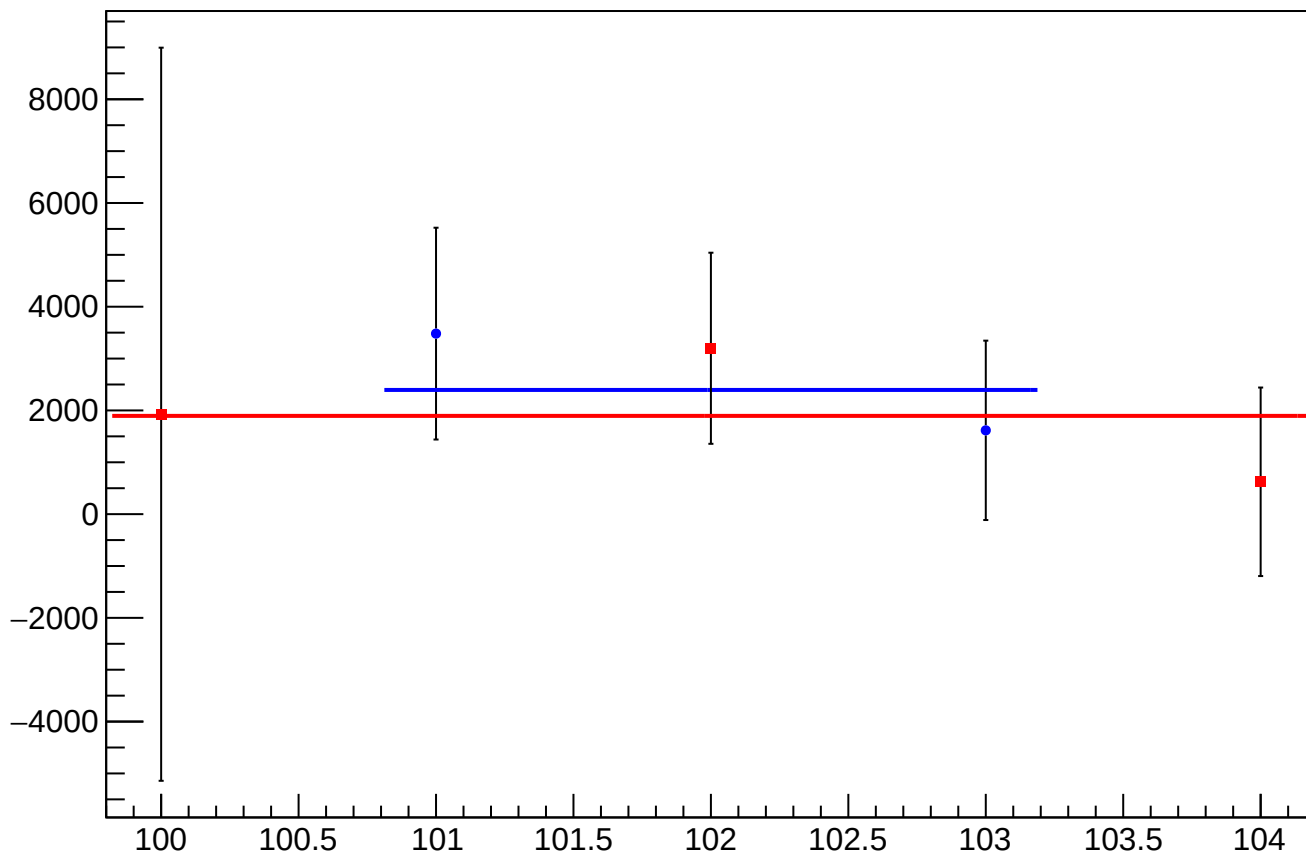
Right: 3912.930+/-1.782 χ^2/NDF : 99302.5/4

In: 4191.873+/-2.674 χ^2/NDF : 52062.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3912.930+/-1.782 χ^2/NDF : 99302.5/4

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: 1894.817+/-1272.810 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

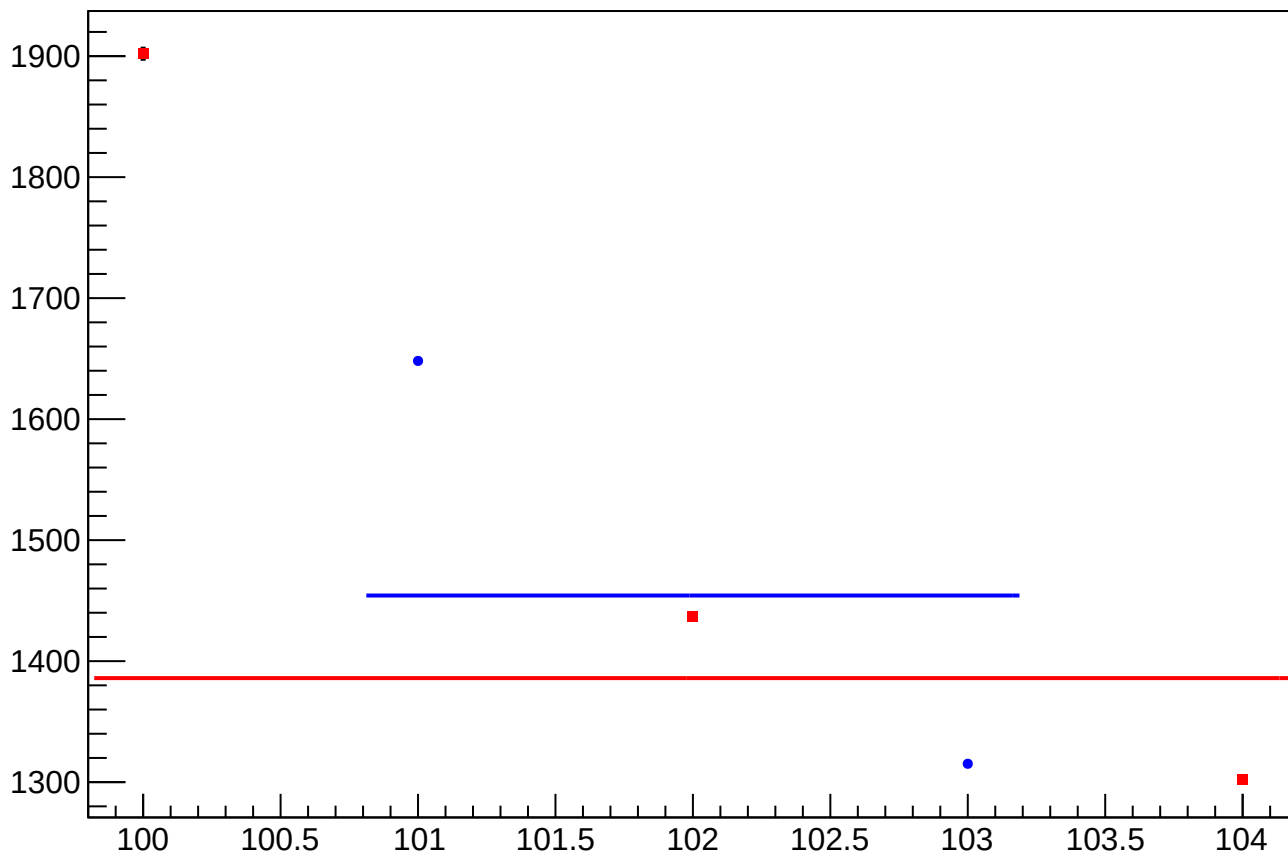
Right: 2135.868+/-916.156 χ^2/NDF : 1.5/4

In: 2395.023+/-1319.744 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.868+/-916.156 χ^2/NDF : 1.5/4

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: 1385.985+/-0.900 χ^2/NDF : 16409.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

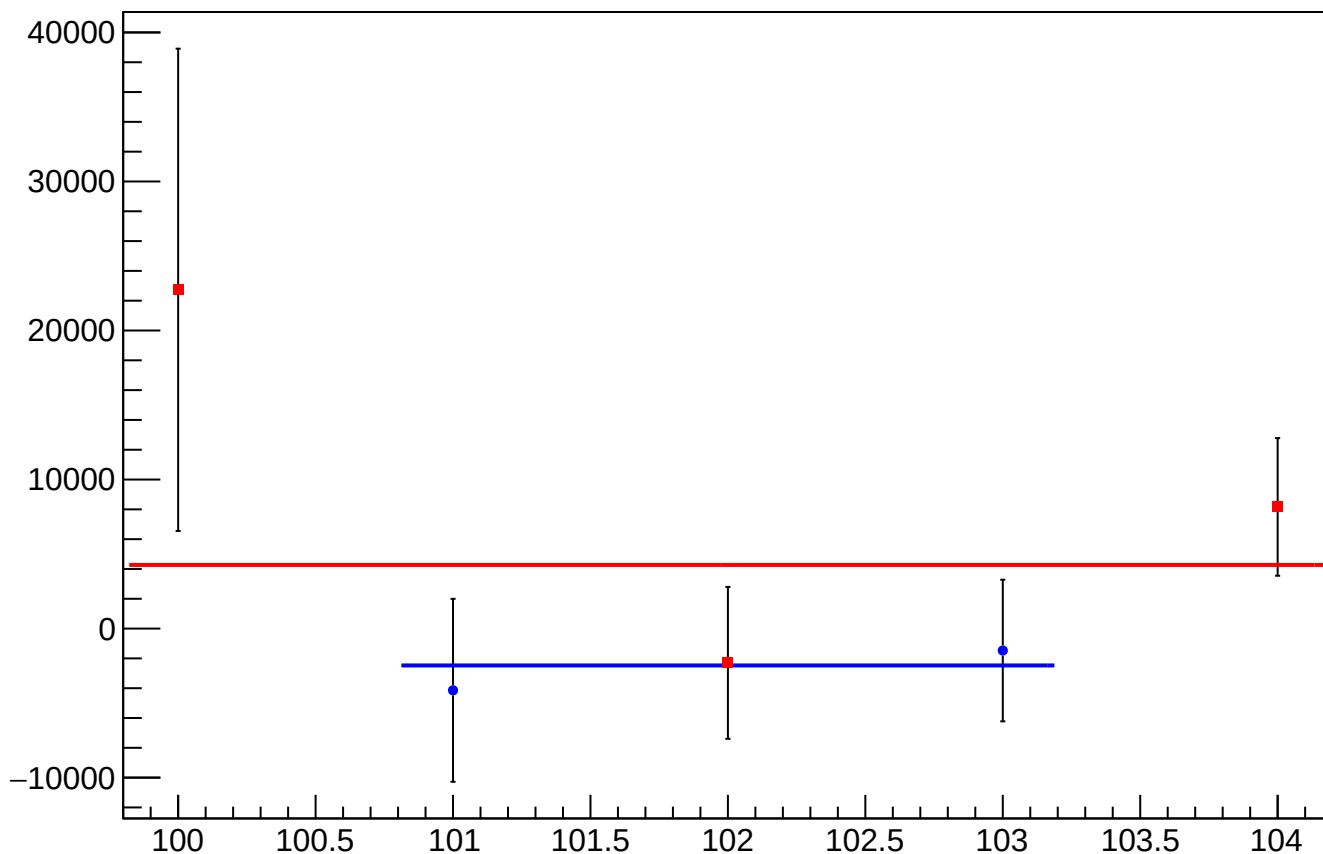
Right: 1418.879+/-0.648 χ^2/NDF : 50141.0/4

In: 1454.243+/-0.933 χ^2/NDF : 30959.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.879+/-0.648 χ^2/NDF : 50141.0/4

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: 4270.005+/-3347.608 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

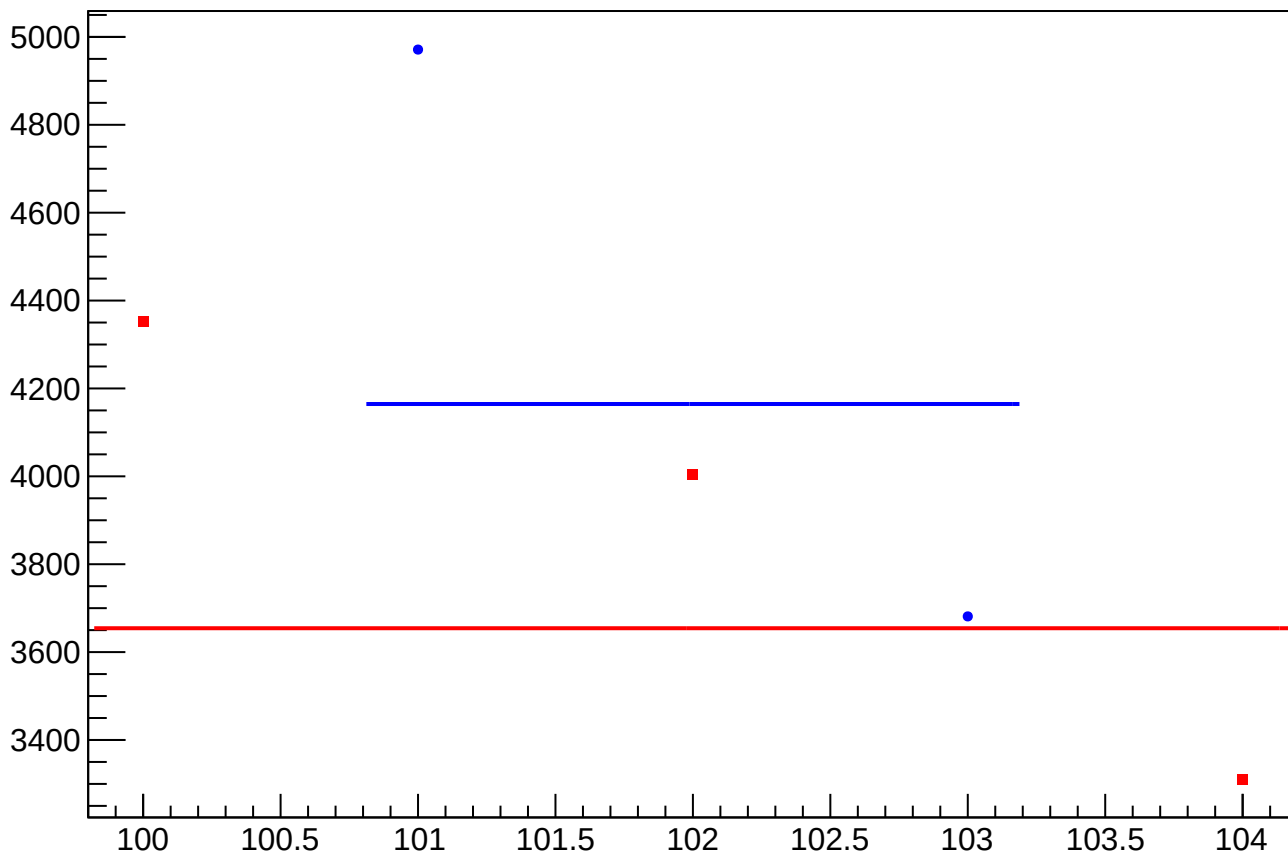
Right: 1286.274+/-2499.496 χ^2/NDF : 5.6/4

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.274+/-2499.496 χ^2/NDF : 5.6/4

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: 3654.313+/-2.367 χ^2/NDF : 24238.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

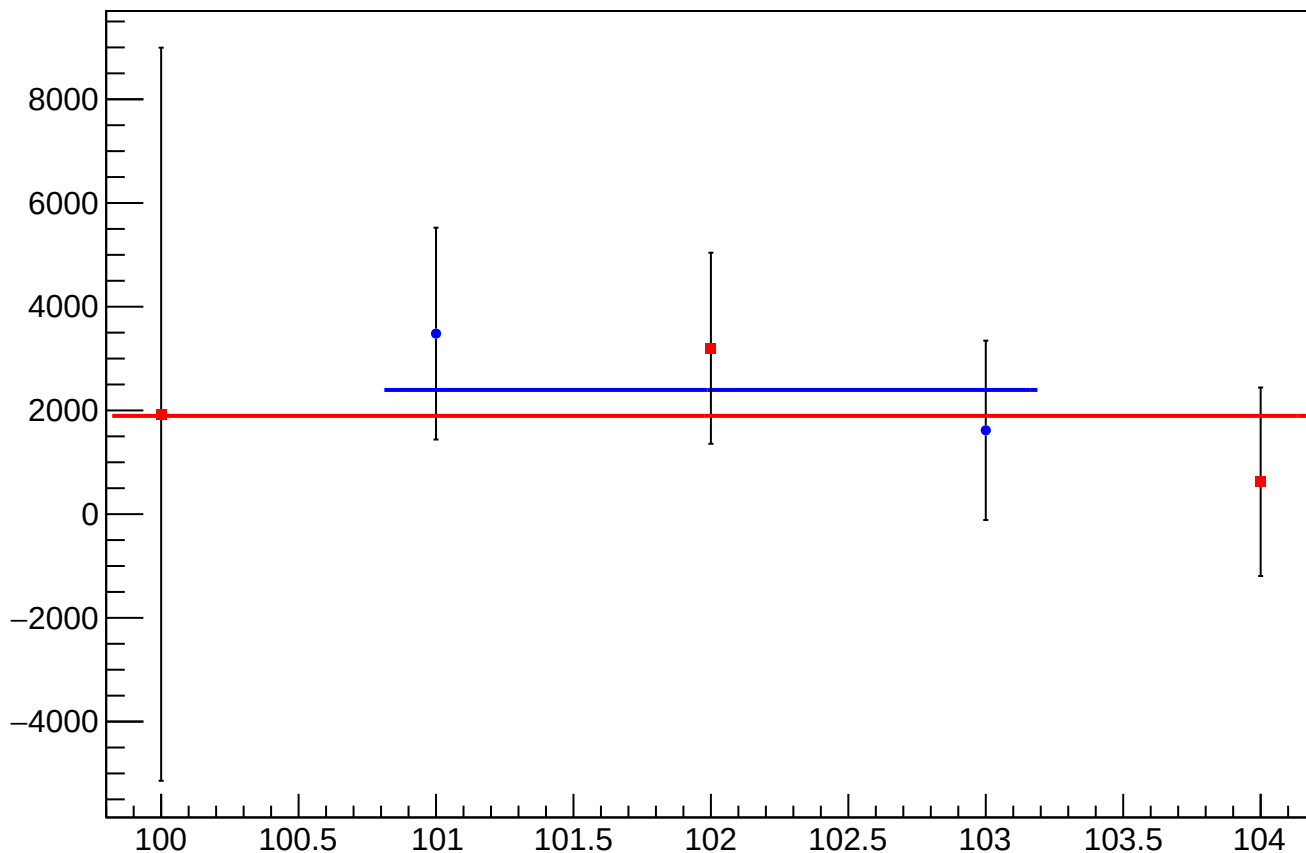
Right: 3880.119+/-1.767 χ^2/NDF : 100031.7/4

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.119+/-1.767 χ^2/NDF : 100031.7/4

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: 1894.817+/-1272.810 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

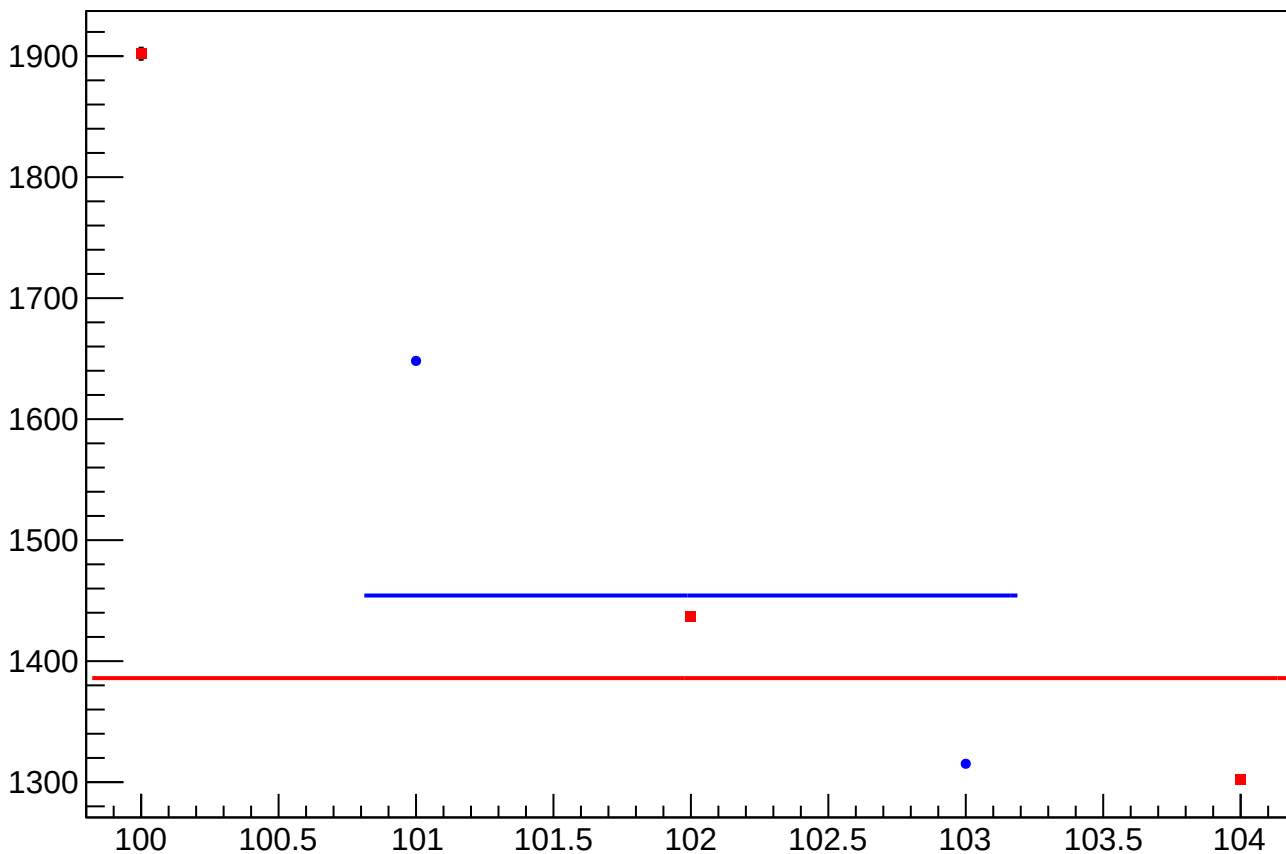
Right: 2135.868+/-916.156 χ^2 /NDF: 1.5/4

In: 2395.023+/-1319.744 χ^2 /NDF:0.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2135.868+/-916.156 χ^2 /NDF: 1.5/4

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1454.243 $\pm$ 0.933 χ^2 /NDF: 30959.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1385.985 $\pm$ 0.900 χ^2 /NDF: 16409.9/2

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

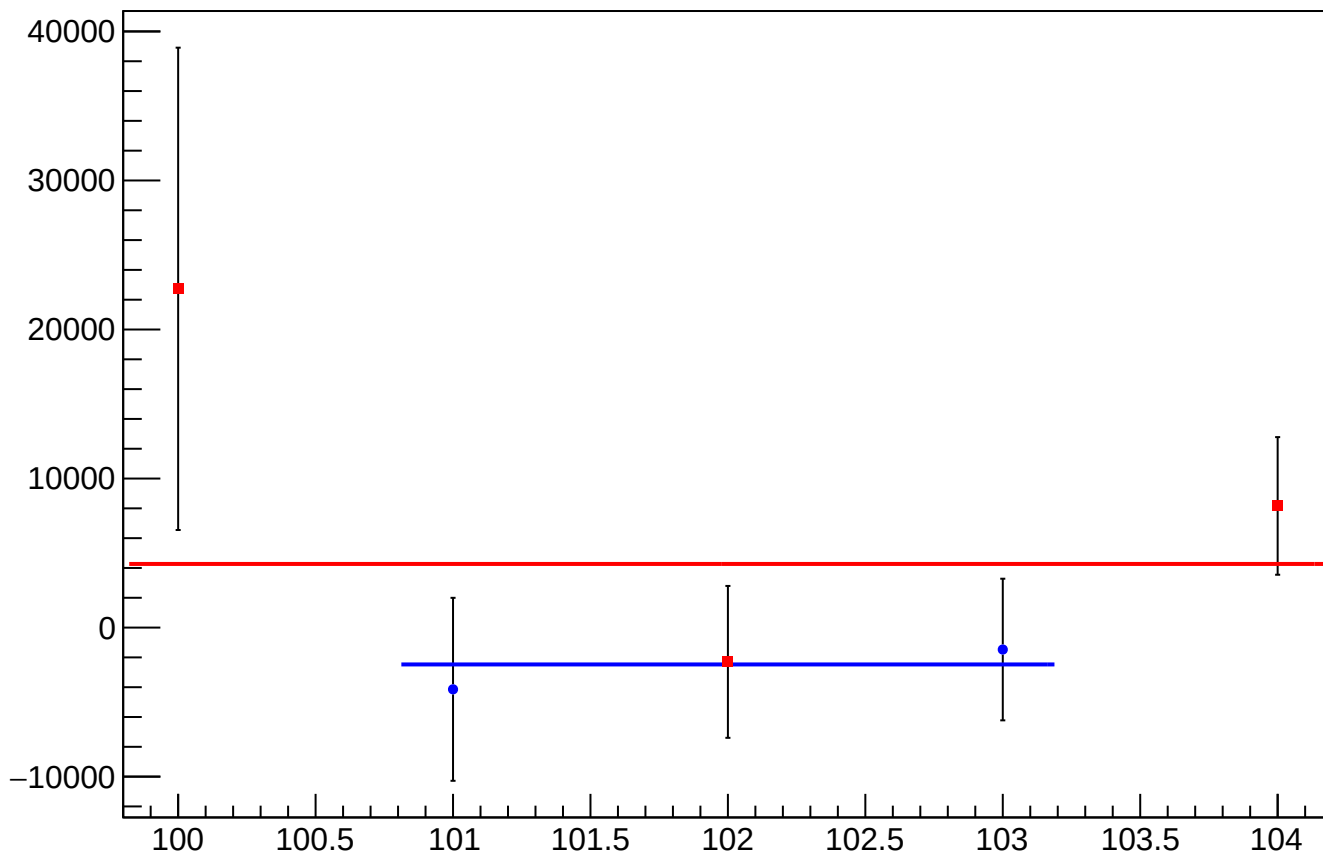
Right: 1418.879 $\pm$ 0.648 χ^2 /NDF: 50141.0/4

In: 1454.243 $\pm$ 0.933 χ^2 /NDF:30959.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1418.879 $\pm$ 0.648 χ^2 /NDF: 50141.0/4

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: 4270.005+/-3347.608 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

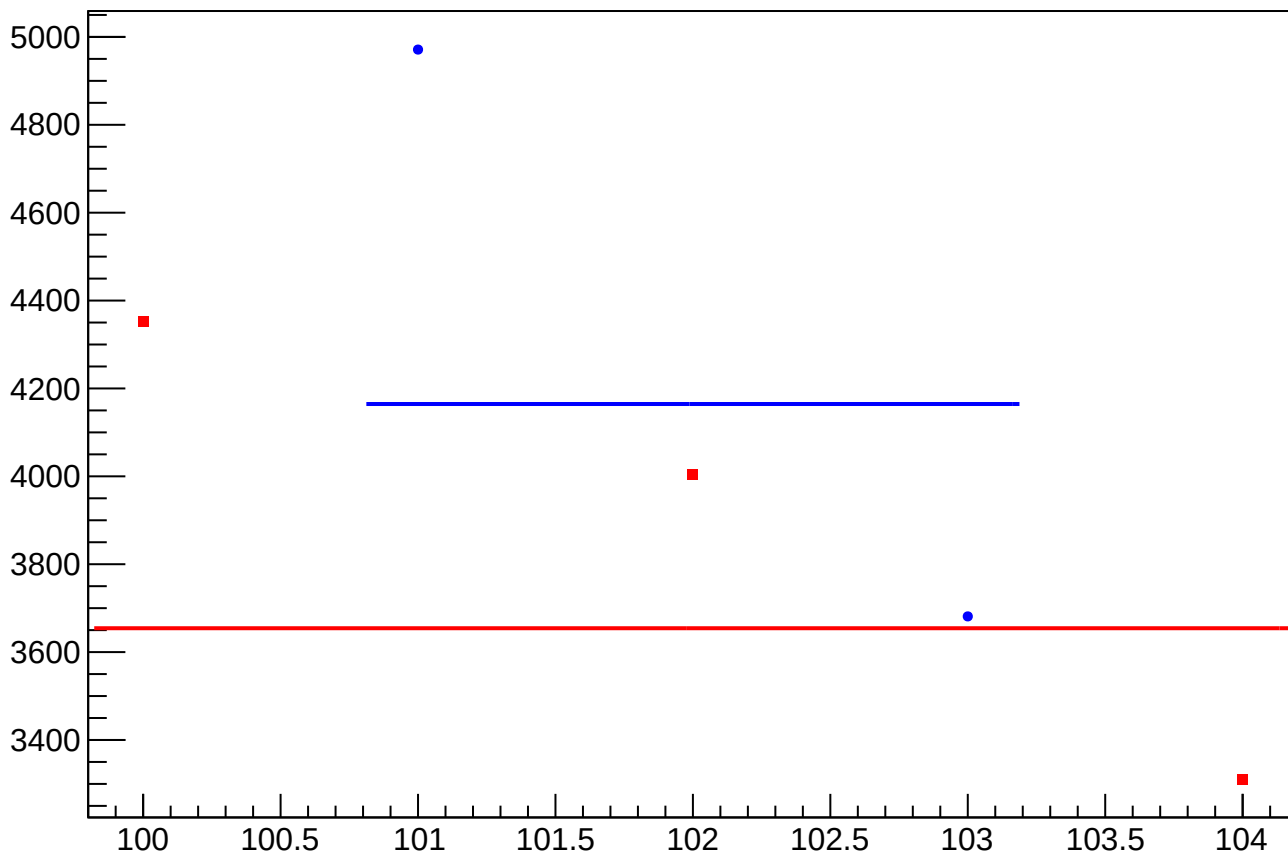
Right: 1286.274+/-2499.496 χ^2/NDF : 5.6/4

In: -2472.707+/-3757.421 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1286.274+/-2499.496 χ^2/NDF : 5.6/4

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: 3654.313+/-2.367 χ^2/NDF : 24238.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

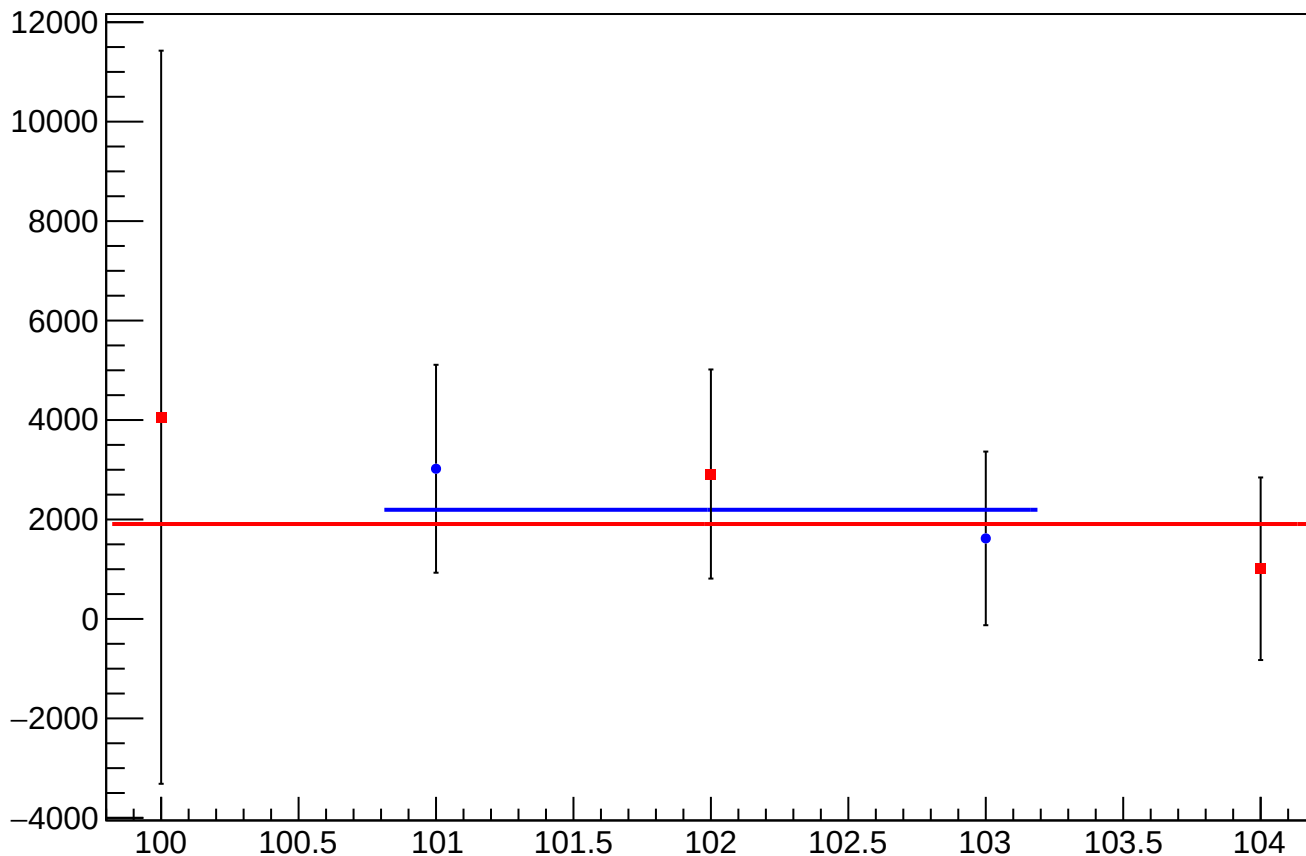
Right: 3880.119+/-1.767 χ^2/NDF : 100031.7/4

In: 4164.596+/-2.657 χ^2/NDF : 55229.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3880.119+/-1.767 χ^2/NDF : 100031.7/4

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: 1908.947+/-1359.088 χ^2 /NDF: 0.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

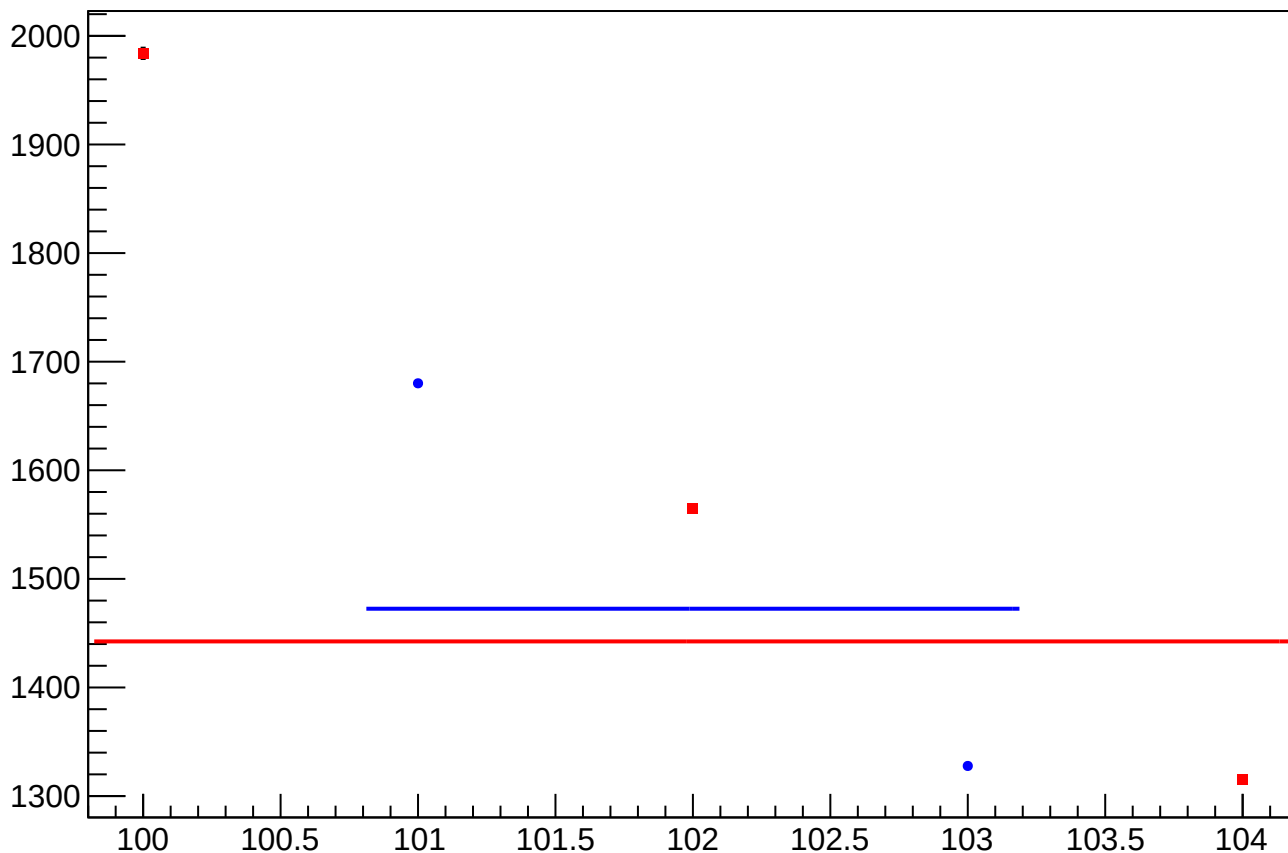
Right: 2054.043+/-954.202 χ^2 /NDF: 0.8/4

In: 2195.092+/-1340.004 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2054.043+/-954.202 χ^2 /NDF: 0.8/4

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: 1442.423+/-0.961 χ^2/NDF : 27175.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

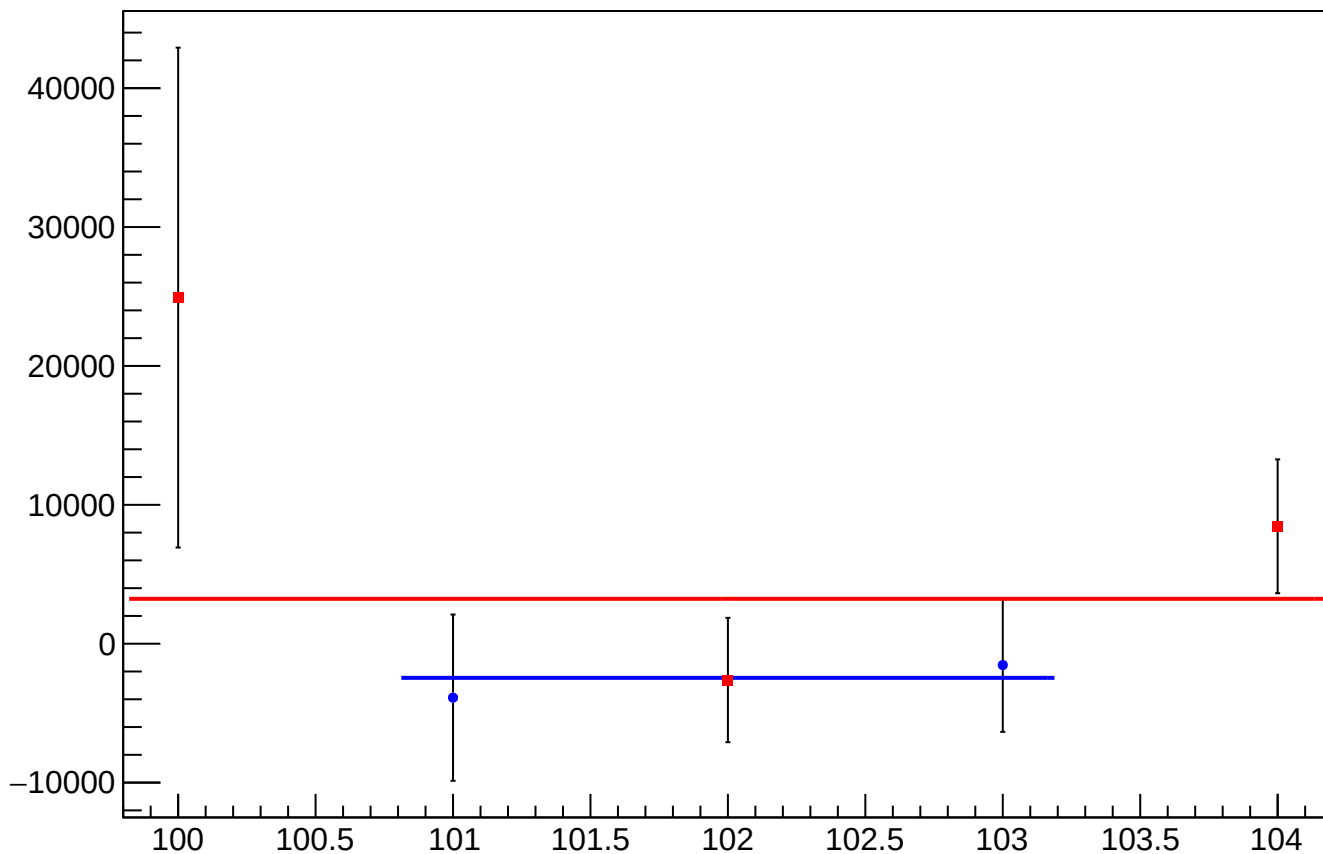
Right: 1457.682+/-0.675 χ^2/NDF : 61143.8/4

In: 1472.516+/-0.948 χ^2/NDF : 33470.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.682+/-0.675 χ^2/NDF : 61143.8/4

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: 3232.956+/-3226.512 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

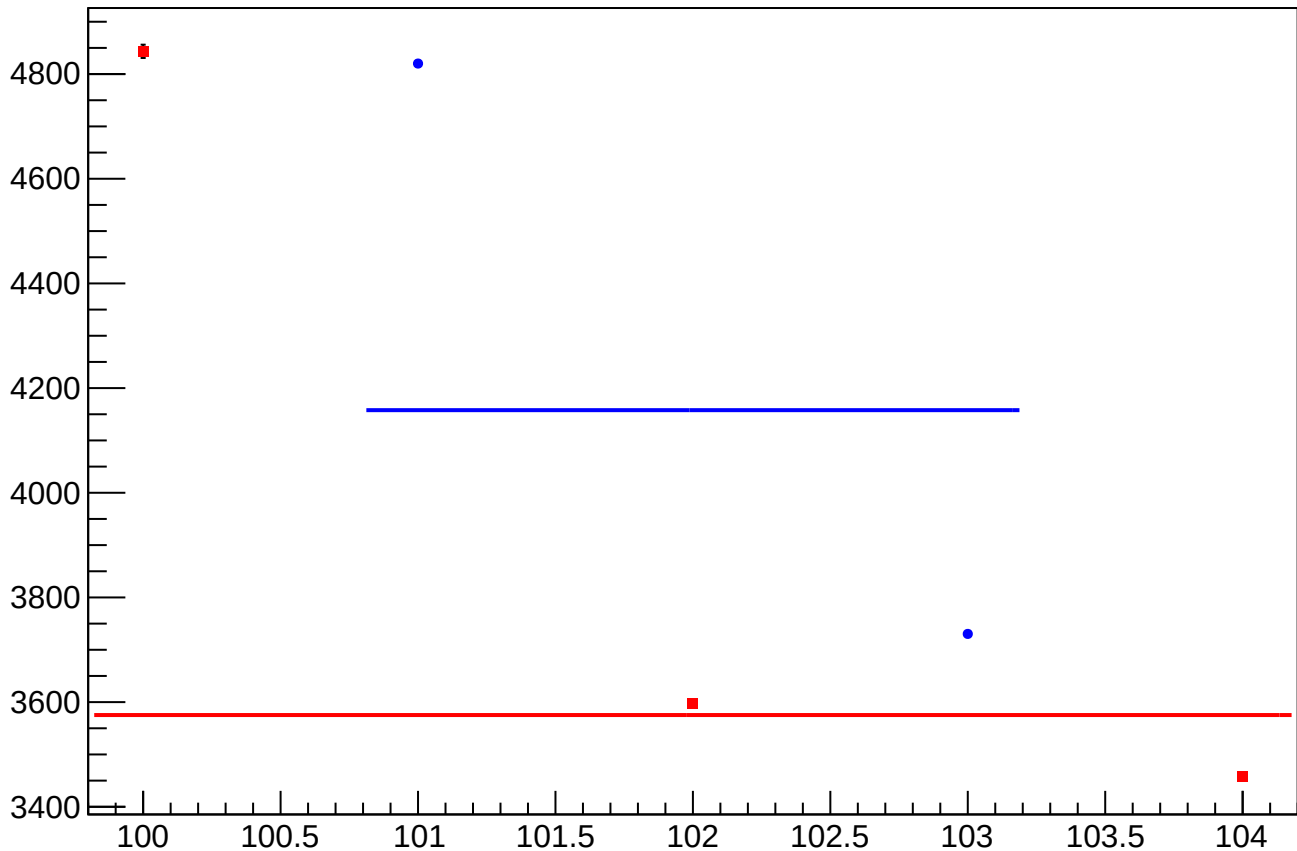
Right: 812.484+/-2445.729 χ^2/NDF : 5.7/4

In: -2456.643+/-3749.723 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 812.484+/-2445.729 χ^2/NDF : 5.7/4

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: 3575.301+/-2.281 χ^2/NDF : 11150.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

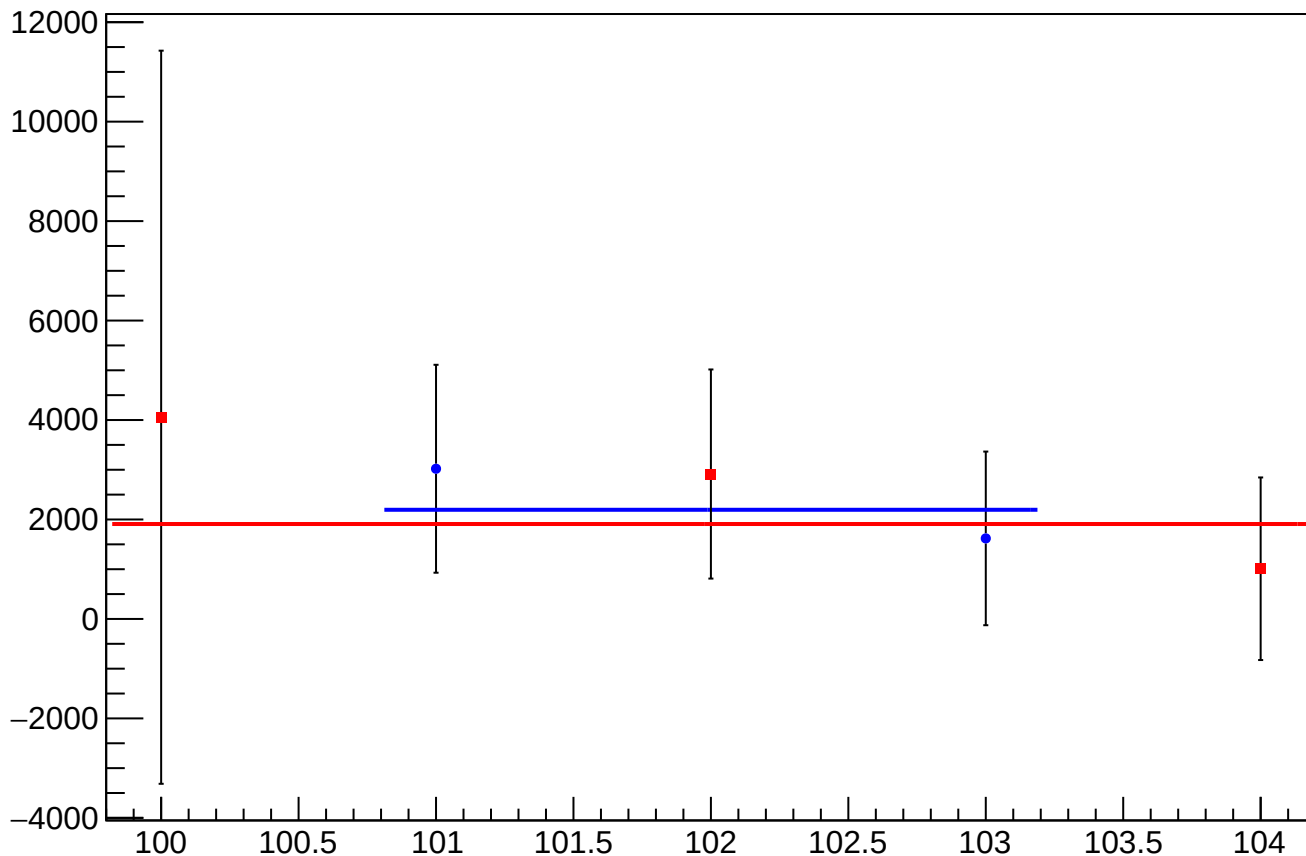
Right: 3823.125+/-1.729 χ^2/NDF : 79158.7/4

In: 4157.841+/-2.651 χ^2/NDF : 40273.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3823.125+/-1.729 χ^2/NDF : 79158.7/4

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: 1908.950+/-1359.088 χ^2 /NDF: 0.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

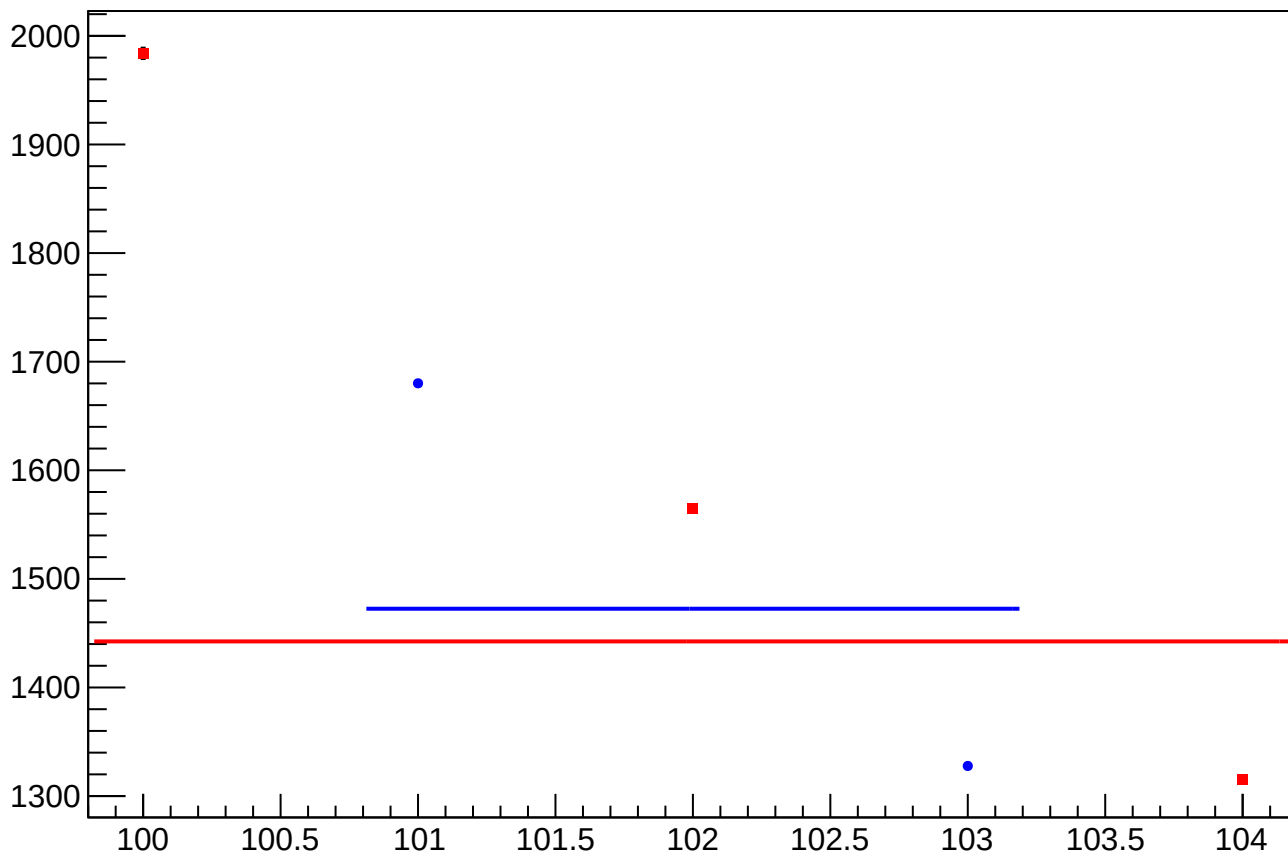
Right: 2054.045+/-954.202 χ^2 /NDF: 0.8/4

In: 2195.094+/-1340.004 χ^2 /NDF:0.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2054.045+/-954.202 χ^2 /NDF: 0.8/4

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: 1442.423+/-0.961 χ^2/NDF : 27175.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

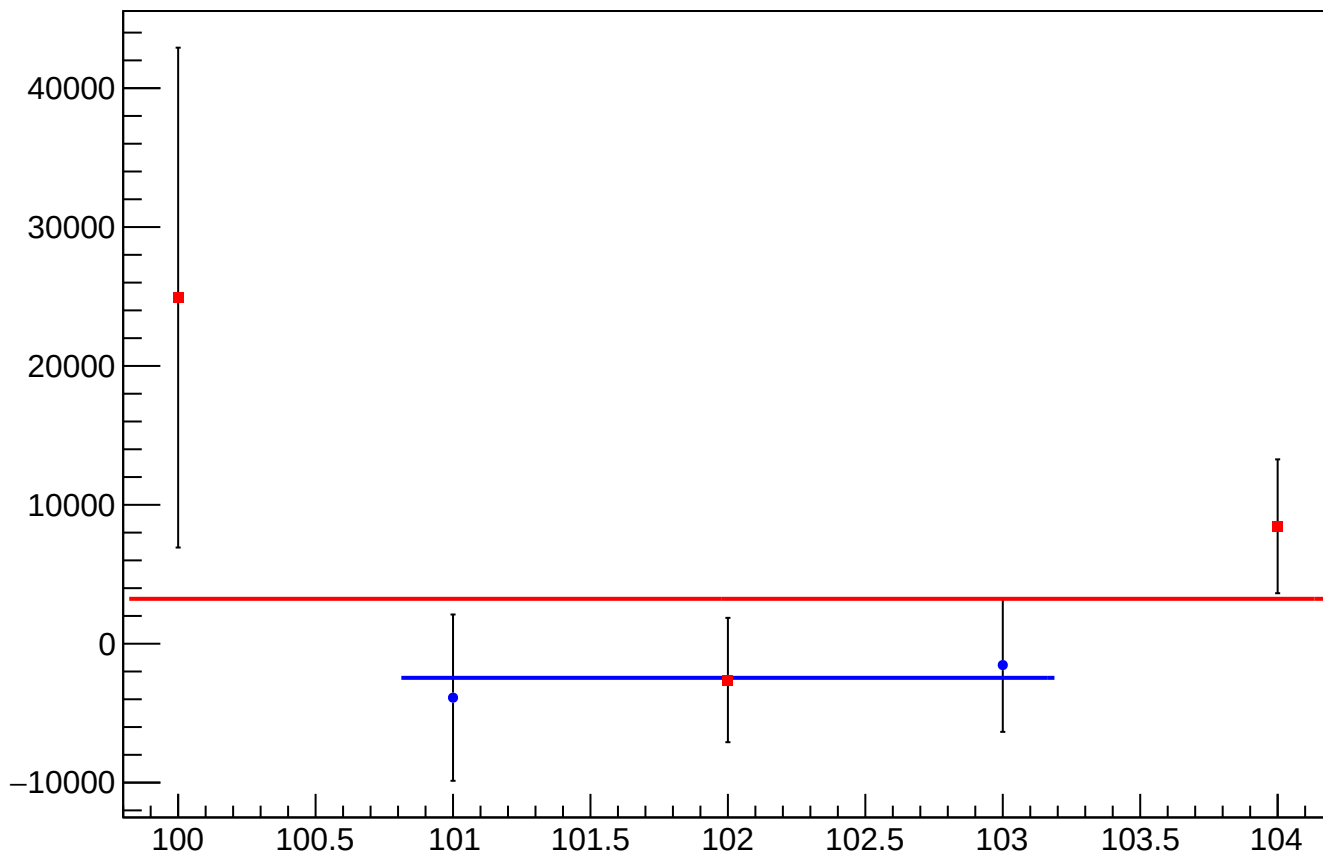
Right: 1457.682+/-0.675 χ^2/NDF : 61143.7/4

In: 1472.516+/-0.948 χ^2/NDF : 33470.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.682+/-0.675 χ^2/NDF : 61143.7/4

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: 3232.955 $\pm$ 3226.511 χ^2 /NDF: 4.3/2

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

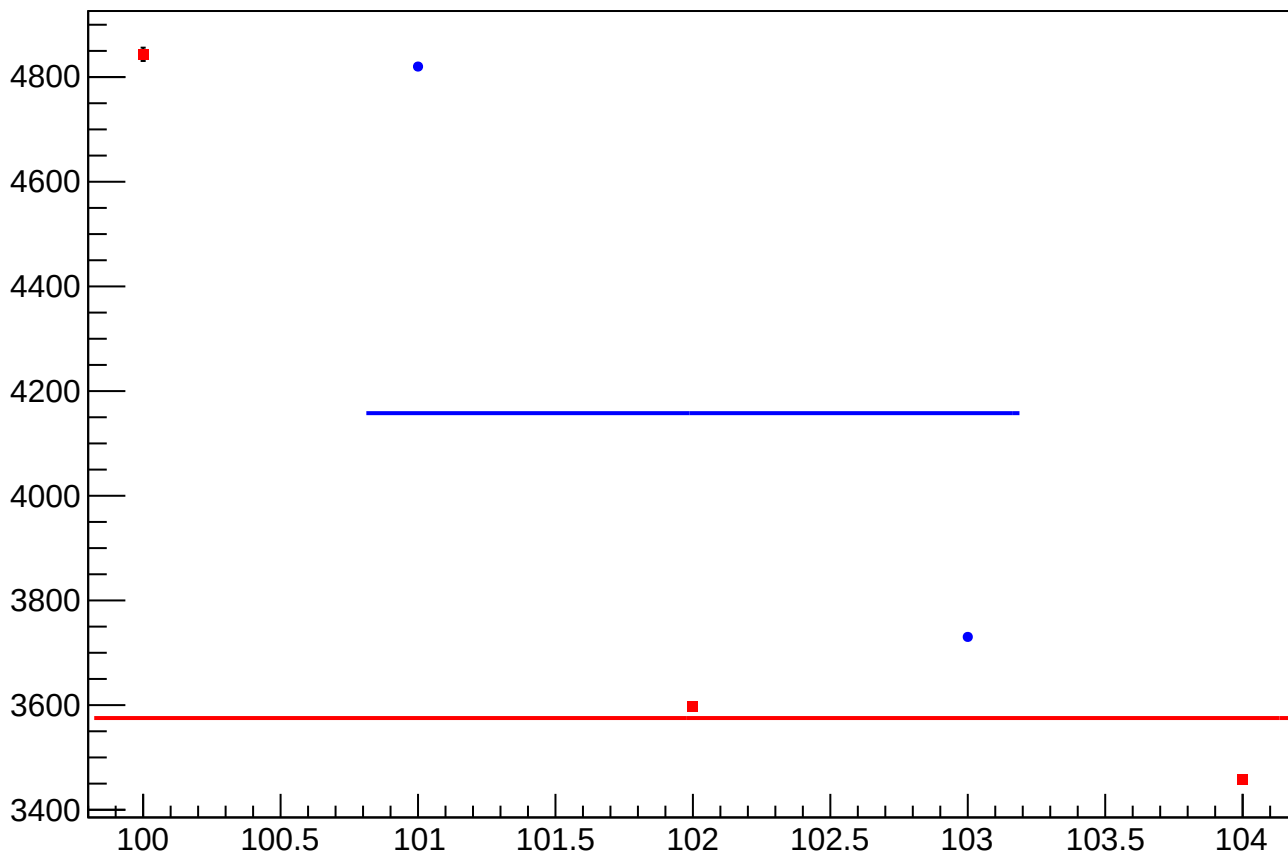
Right: 812.483 $\pm$ 2445.728 χ^2 /NDF: 5.7/4

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: 812.483 $\pm$ 2445.728 χ^2 /NDF: 5.7/4

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: 3575.300+/-2.281 χ^2 /NDF: 11150.0/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

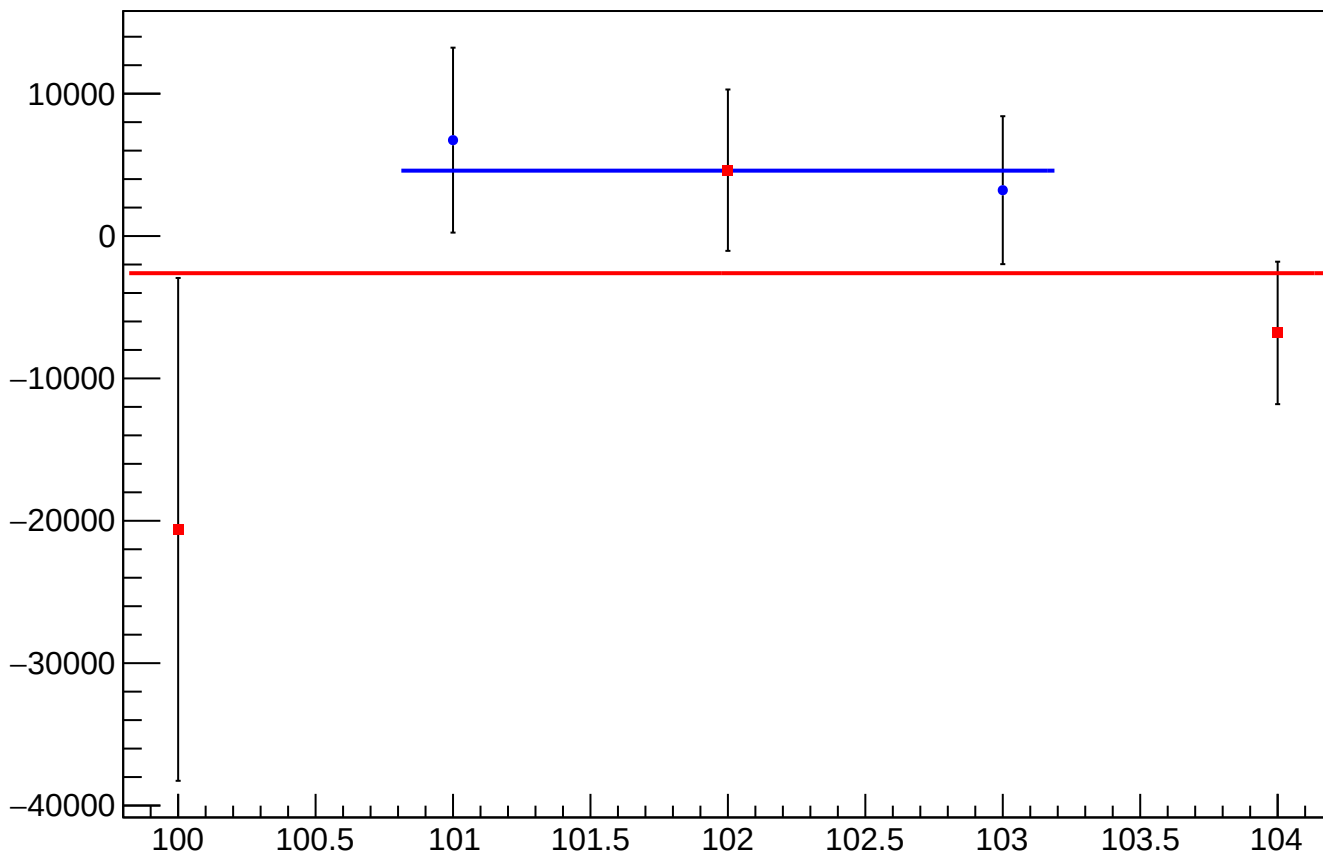
Right: 3823.123+/-1.729 χ^2 /NDF: 79158.1/4

In: 4157.838+/-2.651 χ^2 /NDF: 40273.0/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3823.123+/-1.729 χ^2 /NDF: 79158.1/4

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: -2608.730+/-3668.745 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

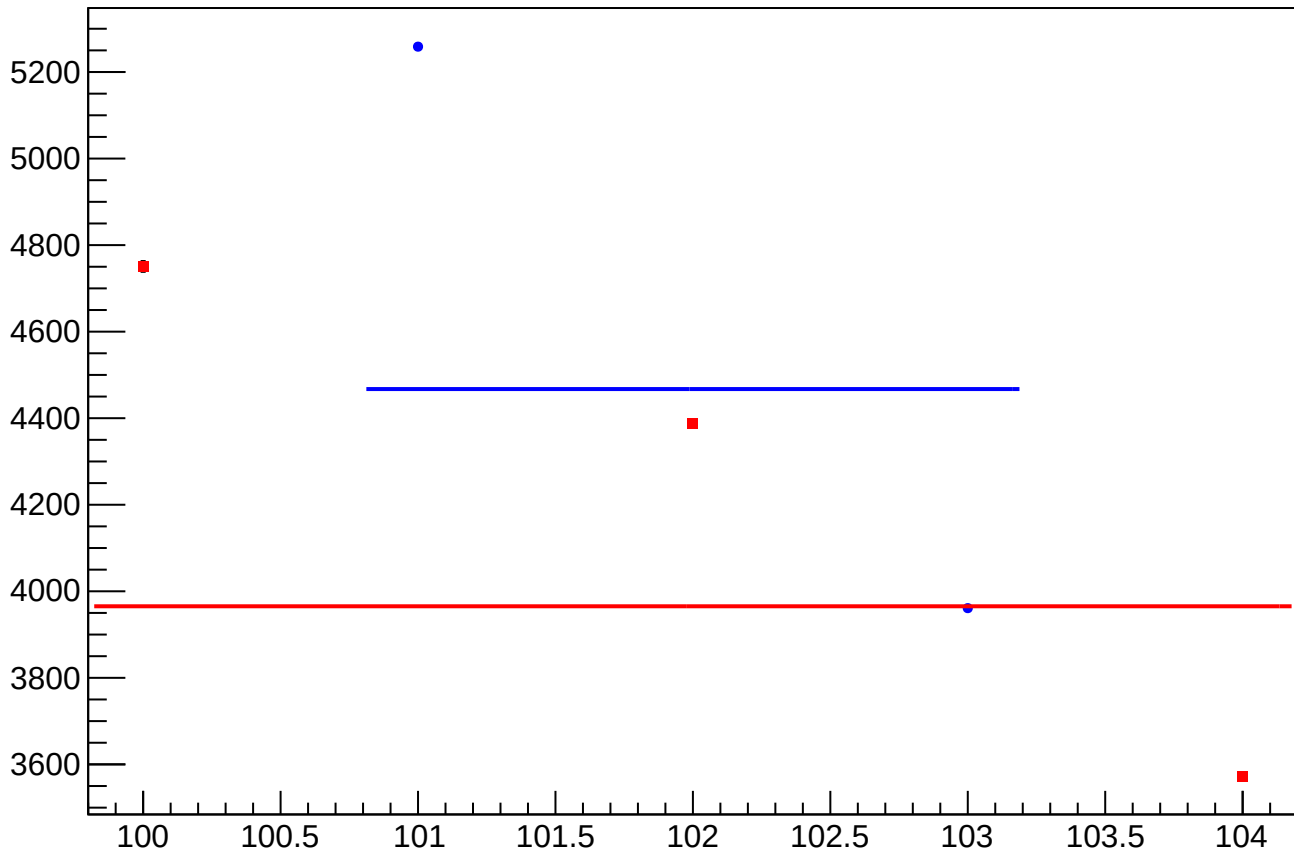
Right: 631.188+/-2721.153 χ^2/NDF : 5.3/4

In: 4593.280+/-4057.073 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.188+/-2721.153 χ^2/NDF : 5.3/4

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: 3965.351+/-2.594 χ^2/NDF : 27432.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

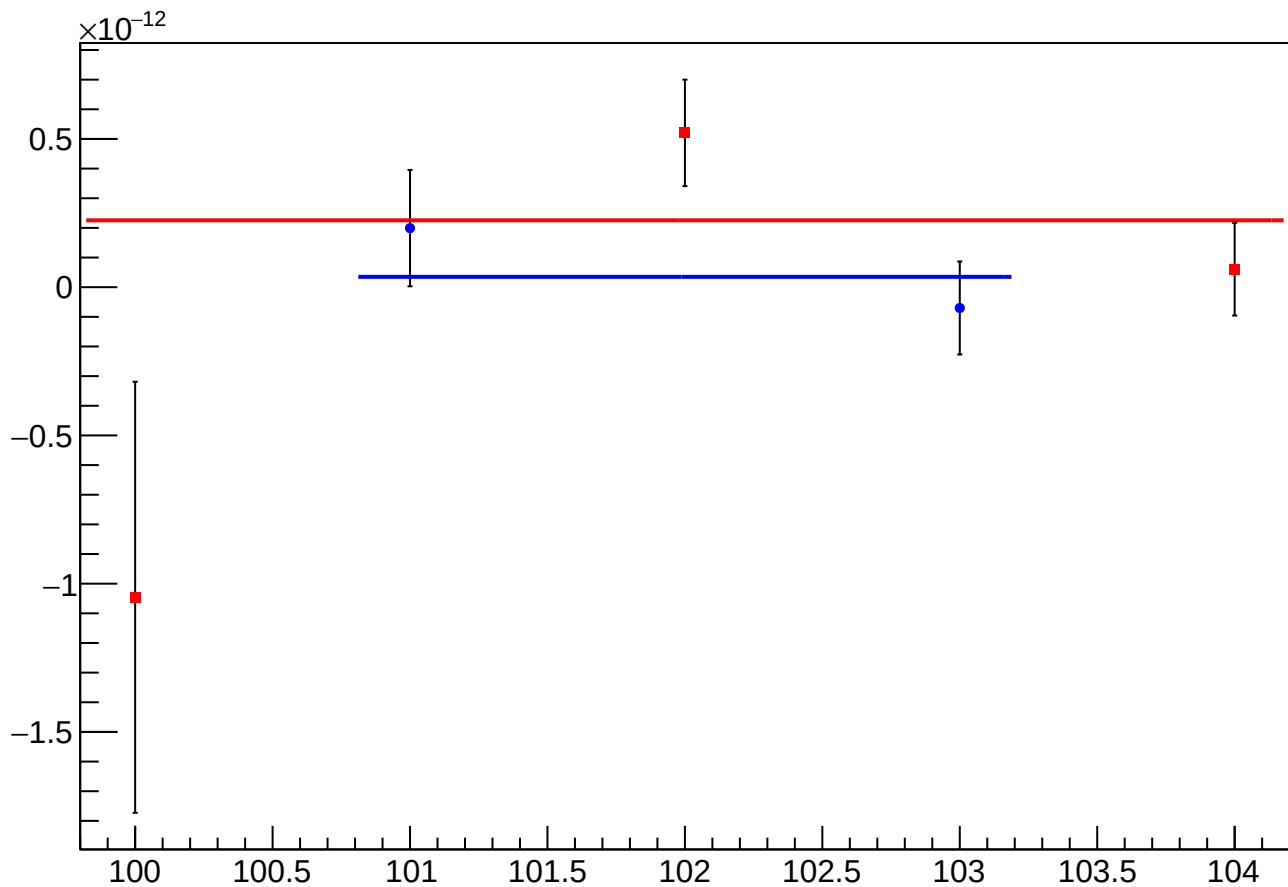
Right: 4191.183+/-1.924 χ^2/NDF : 92956.1/4

In: 4467.349+/-2.869 χ^2/NDF : 48677.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4191.183+/-1.924 χ^2/NDF : 92956.1/4

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 : 6.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

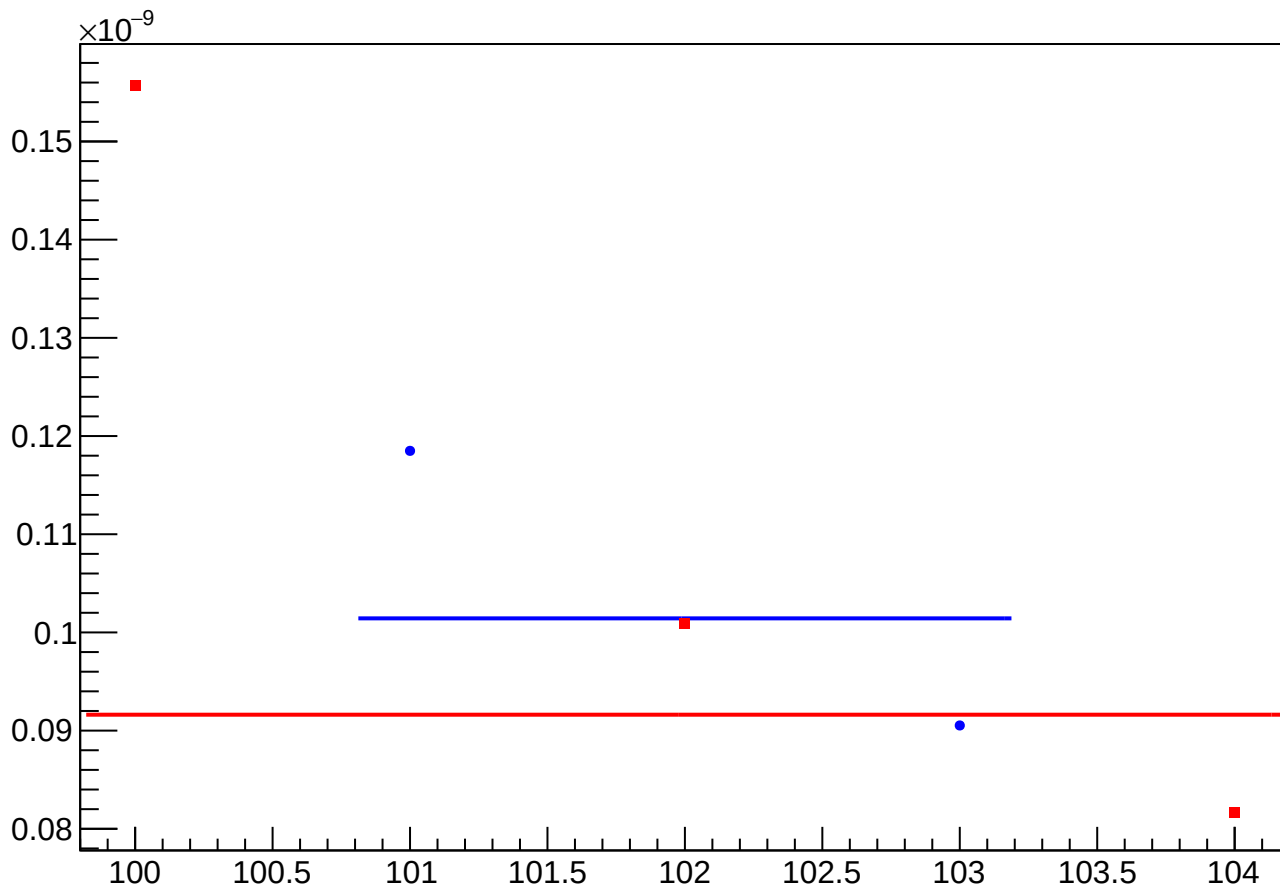
Right: 0.000+/-0.000 χ^2/NDF : 9.3/4

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 : 9.3/4

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 : 28998.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

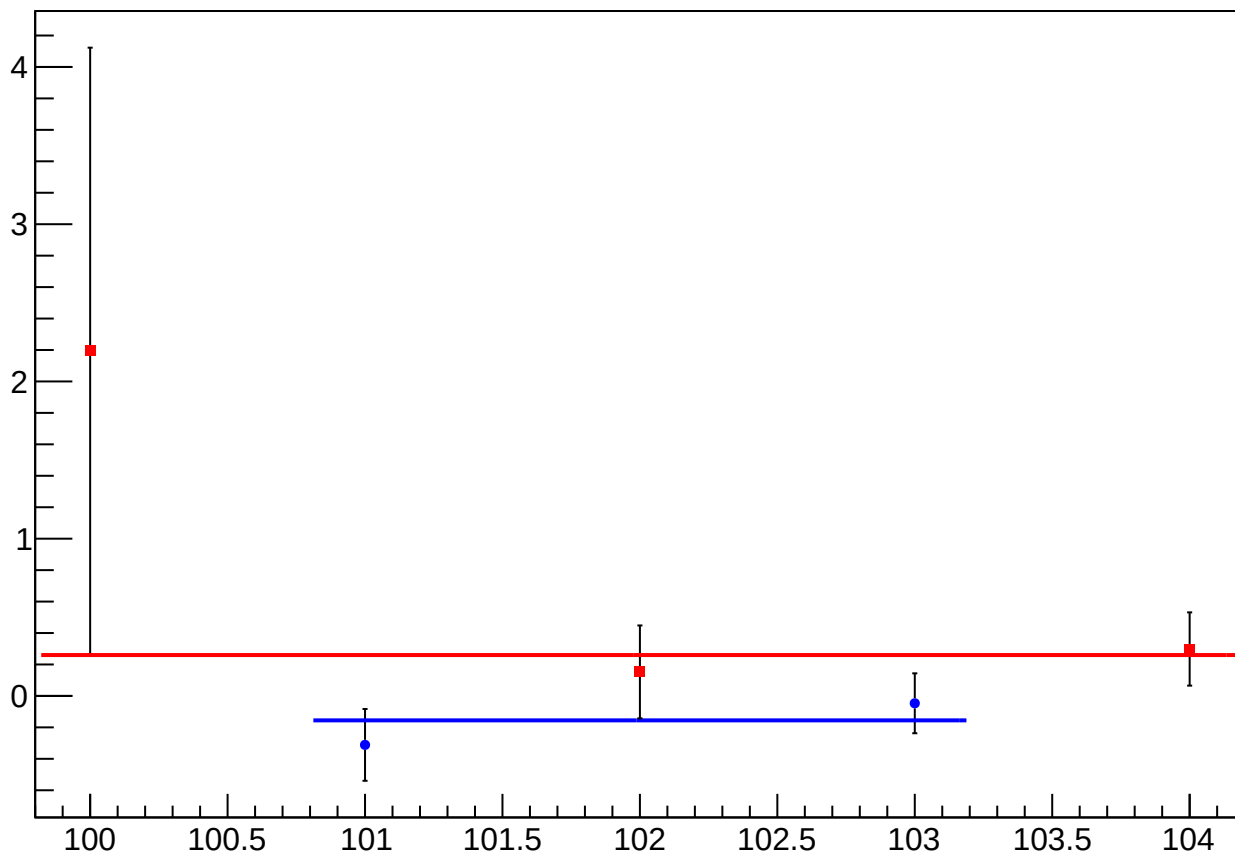
Right: 0.000+/-0.000 χ^2/NDF : 60533.2/4

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 : 60533.2/4

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: 0.260+/-0.182 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

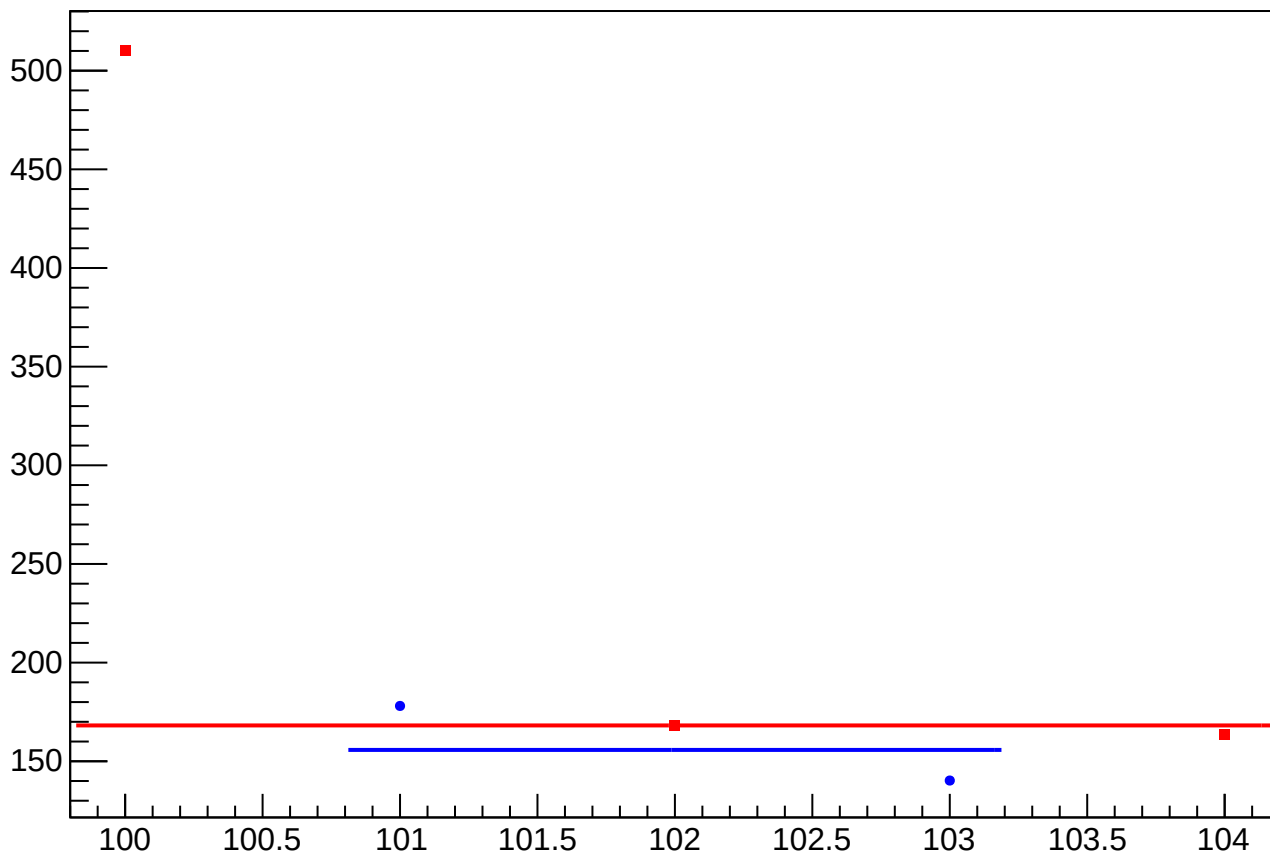
Right: 0.007+/-0.114 χ^2/NDF : 5.1/4

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.114 χ^2/NDF : 5.1/4

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752 ± 0.103 $\chi^2/\text{NDF}: 32324.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 168.164 ± 0.129 $\chi^2/\text{NDF}: 63826.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

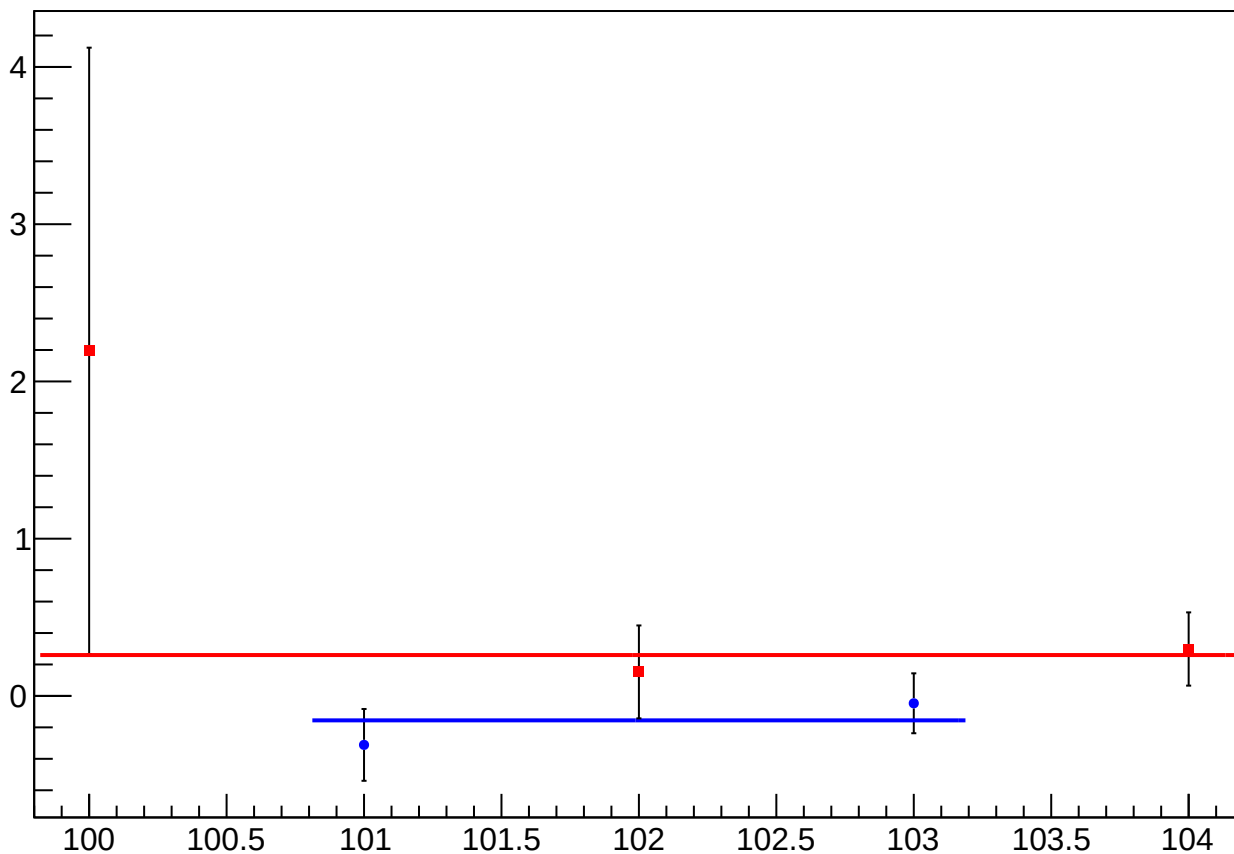
Right: 160.620 ± 0.081 $\chi^2/\text{NDF}: 101798.2/4$

In: 155.752 ± 0.103 $\chi^2/\text{NDF}: 32324.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 160.620 ± 0.081 $\chi^2/\text{NDF}: 101798.2/4$

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: 0.260+/-0.182 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

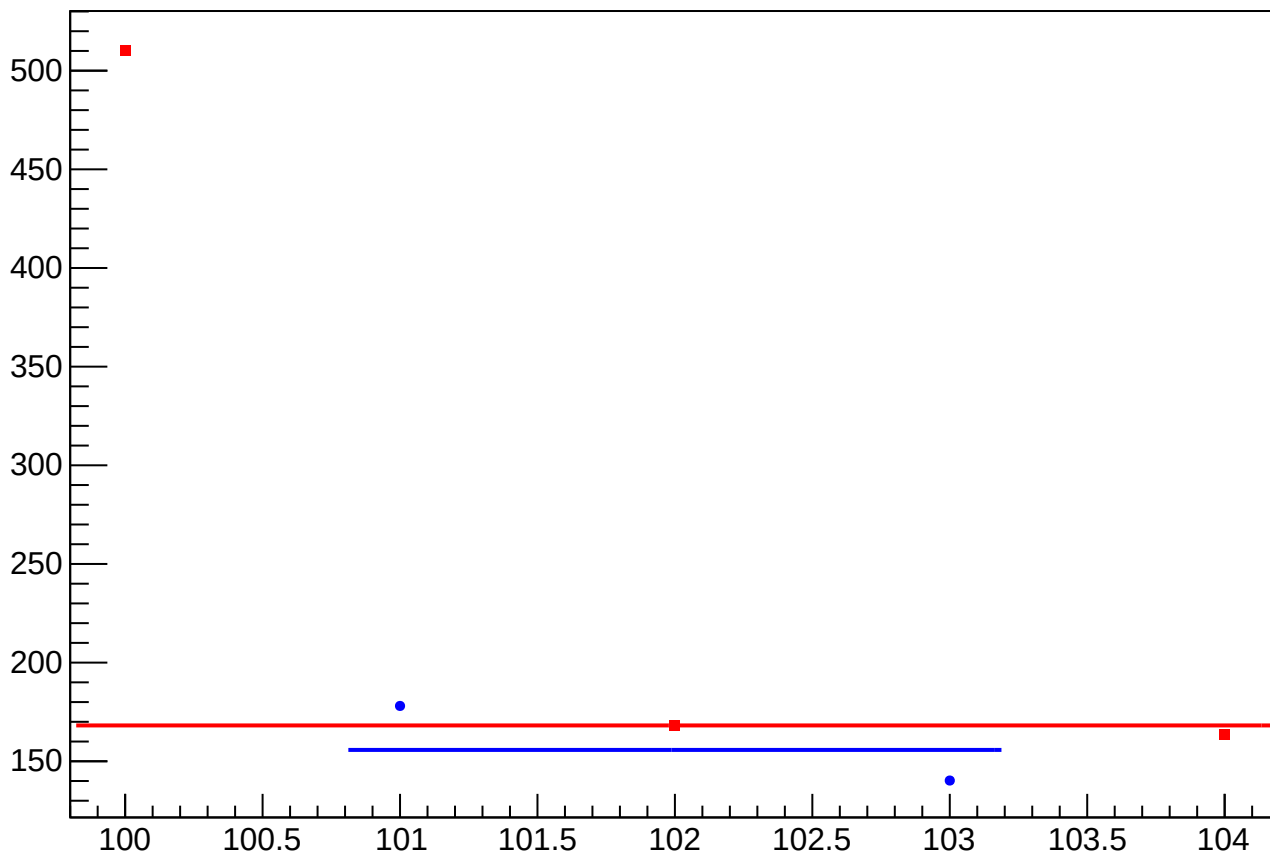
Right: 0.007+/-0.114 χ^2/NDF : 5.1/4

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.114 χ^2/NDF : 5.1/4

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: 168.164 $\pm$ 0.129 χ^2 /NDF: 63826.3/2

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

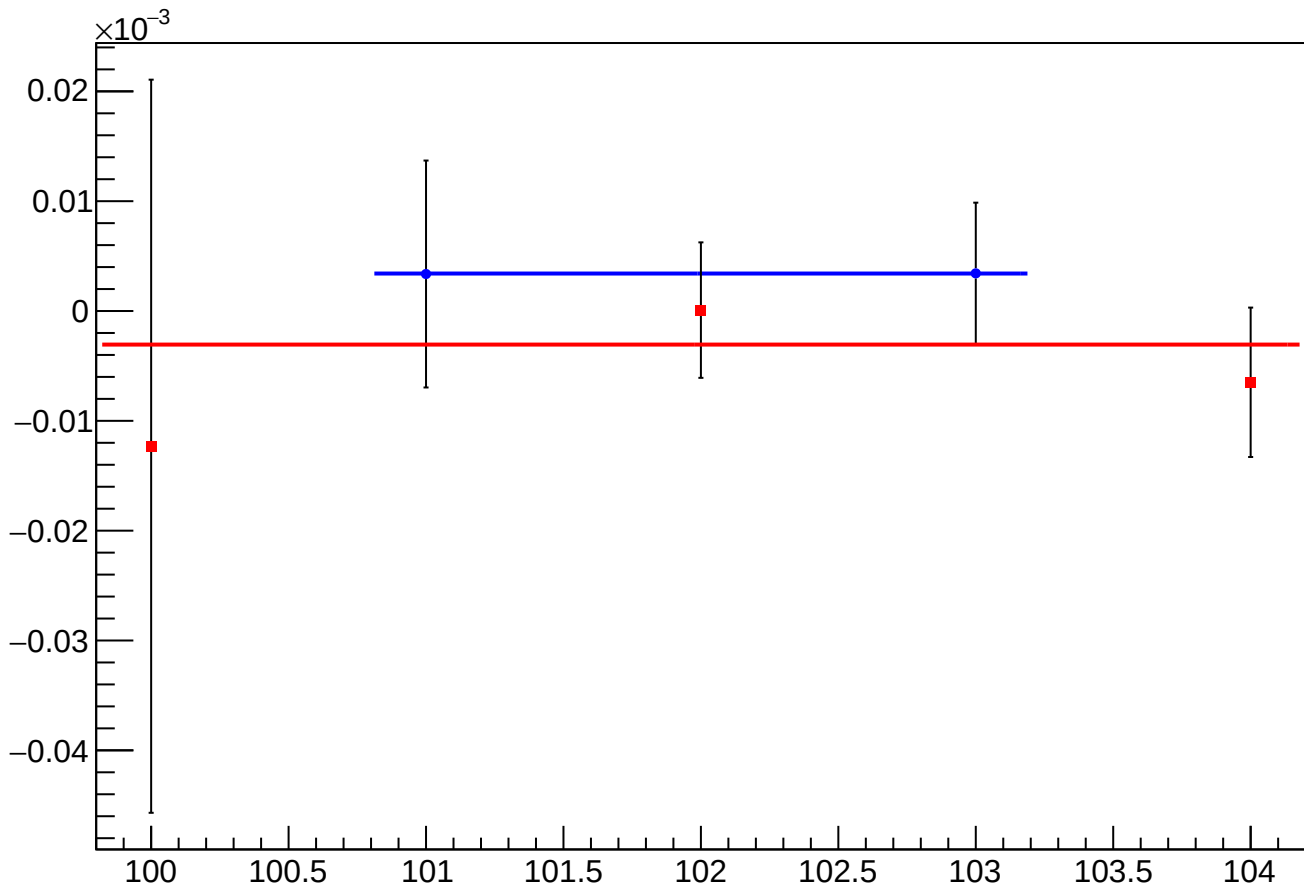
Right: 160.620 $\pm$ 0.081 χ^2 /NDF: 101798.2/4

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: 160.620 $\pm$ 0.081 χ^2 /NDF: 101798.2/4

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: 0.6/2

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

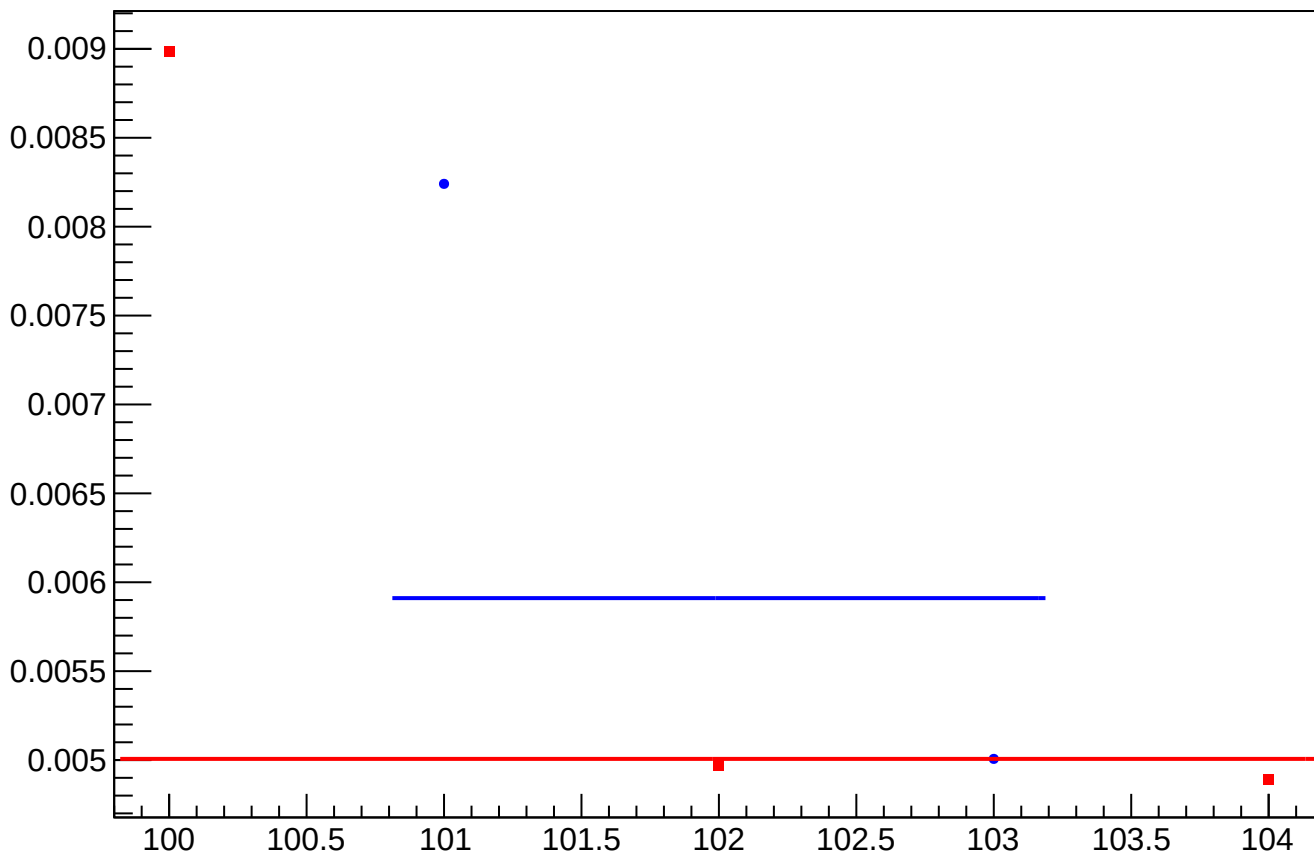
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/4

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 141233.4/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 29076.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

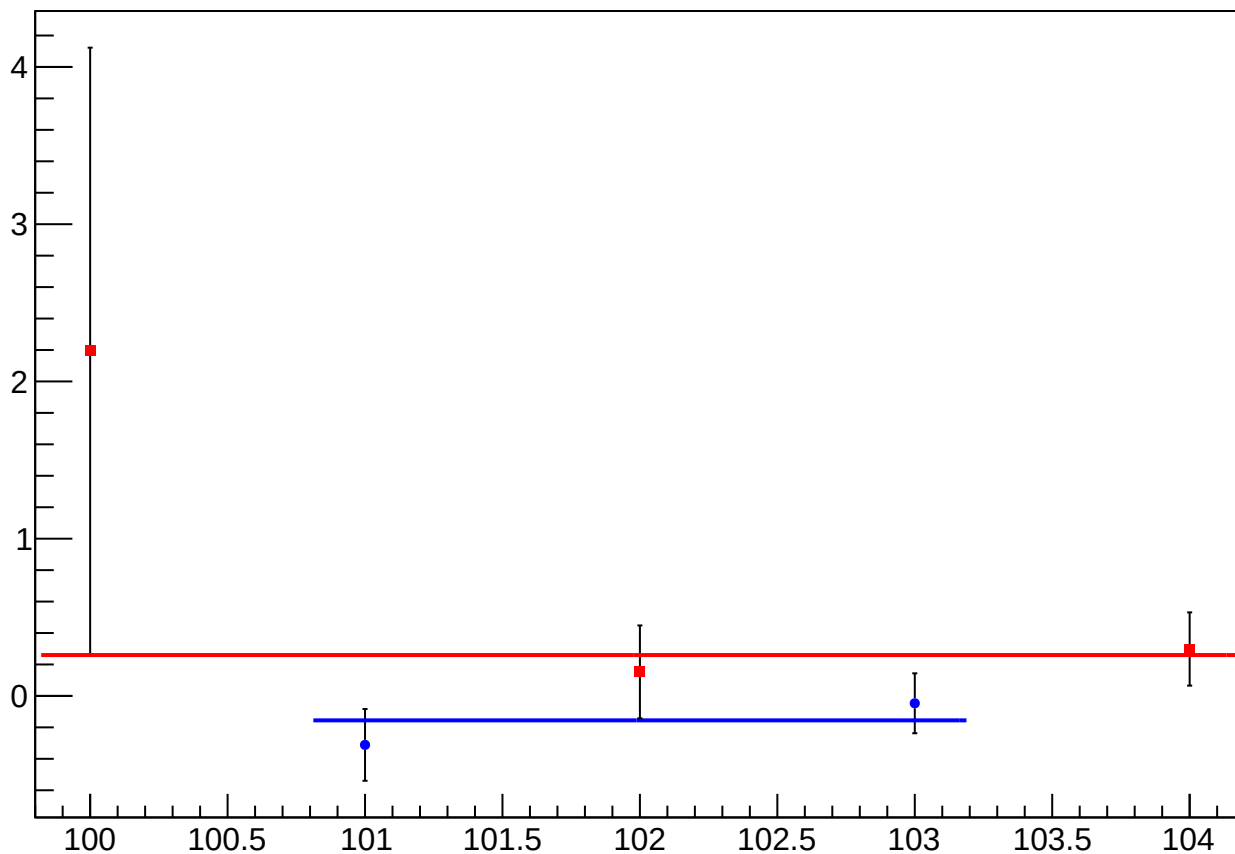
Right: 0.005+/-0.000 χ^2/NDF : 202804.8/4

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 : 202804.8/4

asym_usl_atl2_avg_eigen_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: 0.260+/-0.182 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

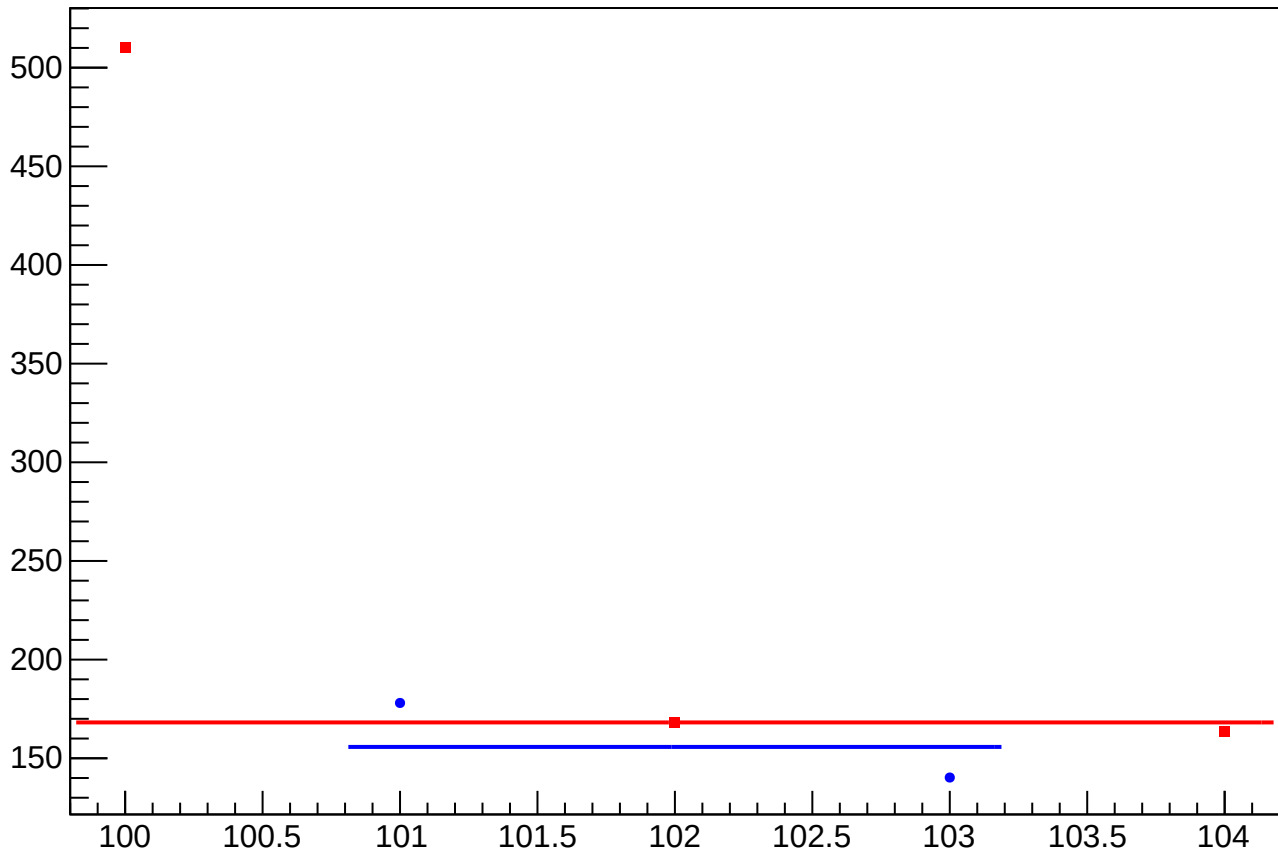
Right: 0.007+/-0.114 χ^2/NDF : 5.1/4

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.114 χ^2/NDF : 5.1/4

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: 168.165 $\pm$ 0.129 χ^2 /NDF: 63825.6/2

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

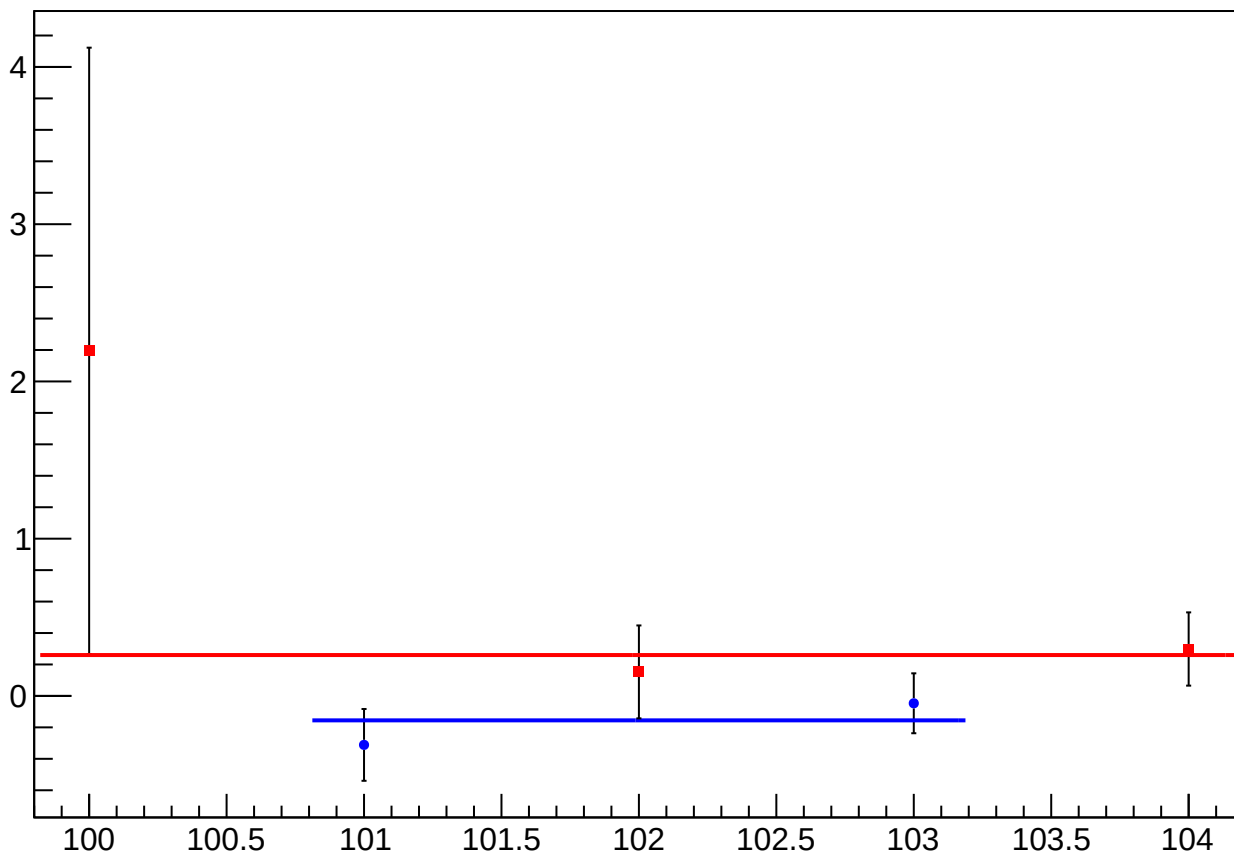
Right: 160.621 $\pm$ 0.081 χ^2 /NDF: 101789.8/4

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: 160.621 $\pm$ 0.081 χ^2 /NDF: 101789.8/4

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: 0.260+/-0.182 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

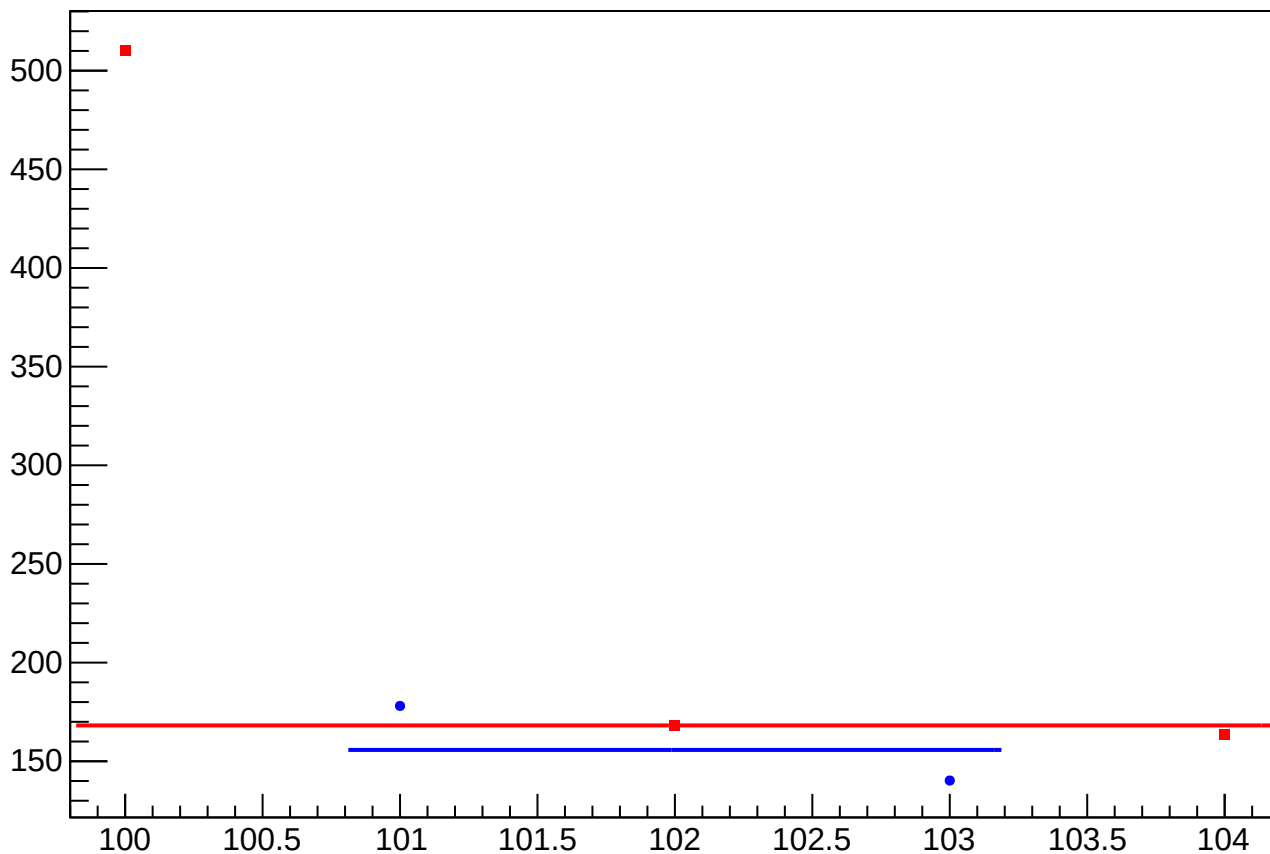
Right: 0.007+/-0.114 χ^2/NDF : 5.1/4

In: -0.155+/-0.146 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.114 χ^2/NDF : 5.1/4

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.165+/-0.129 χ^2/NDF : 63825.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

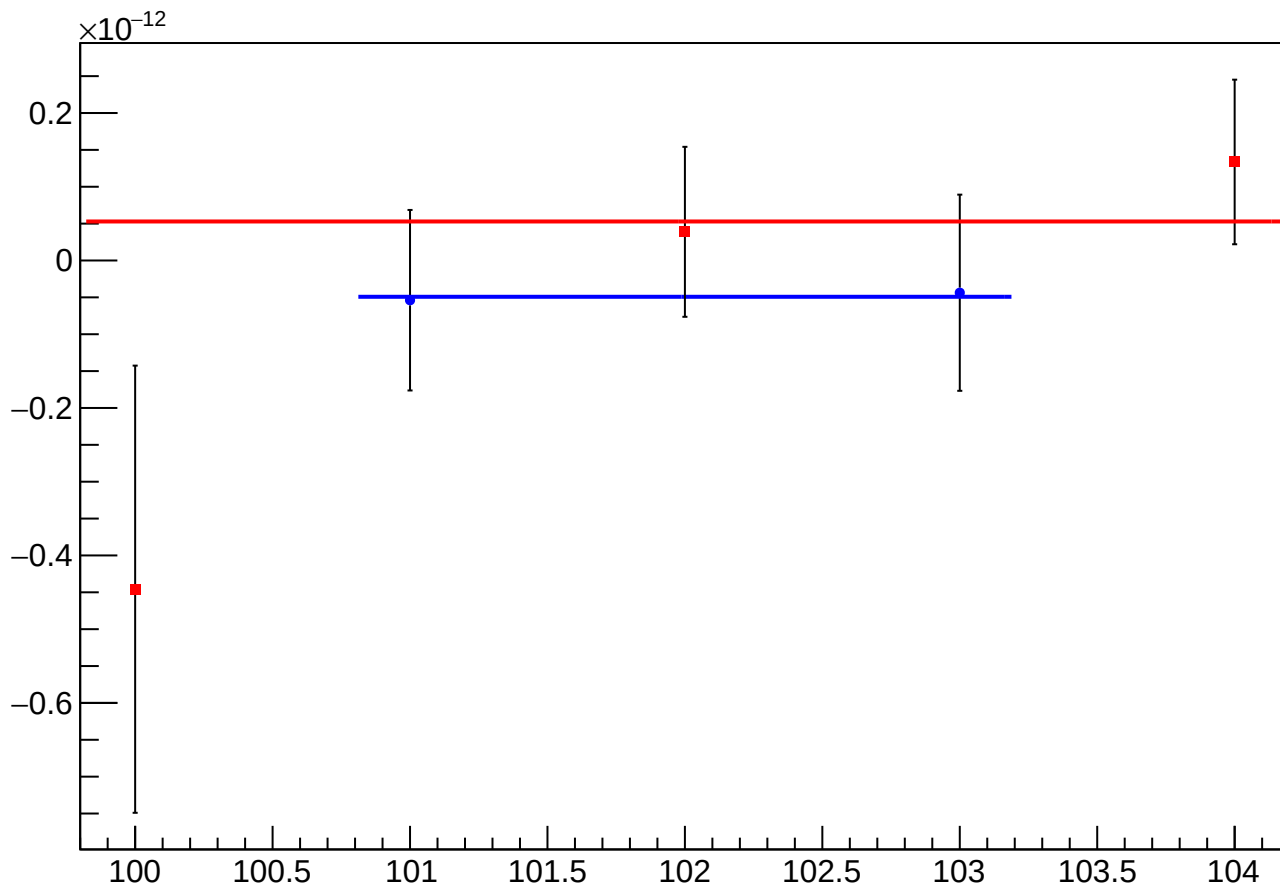
Right: 160.621+/-0.081 χ^2/NDF : 101789.8/4

In: 155.752+/-0.103 χ^2/NDF : 32315.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.621+/-0.081 χ^2/NDF : 101789.8/4

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 : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

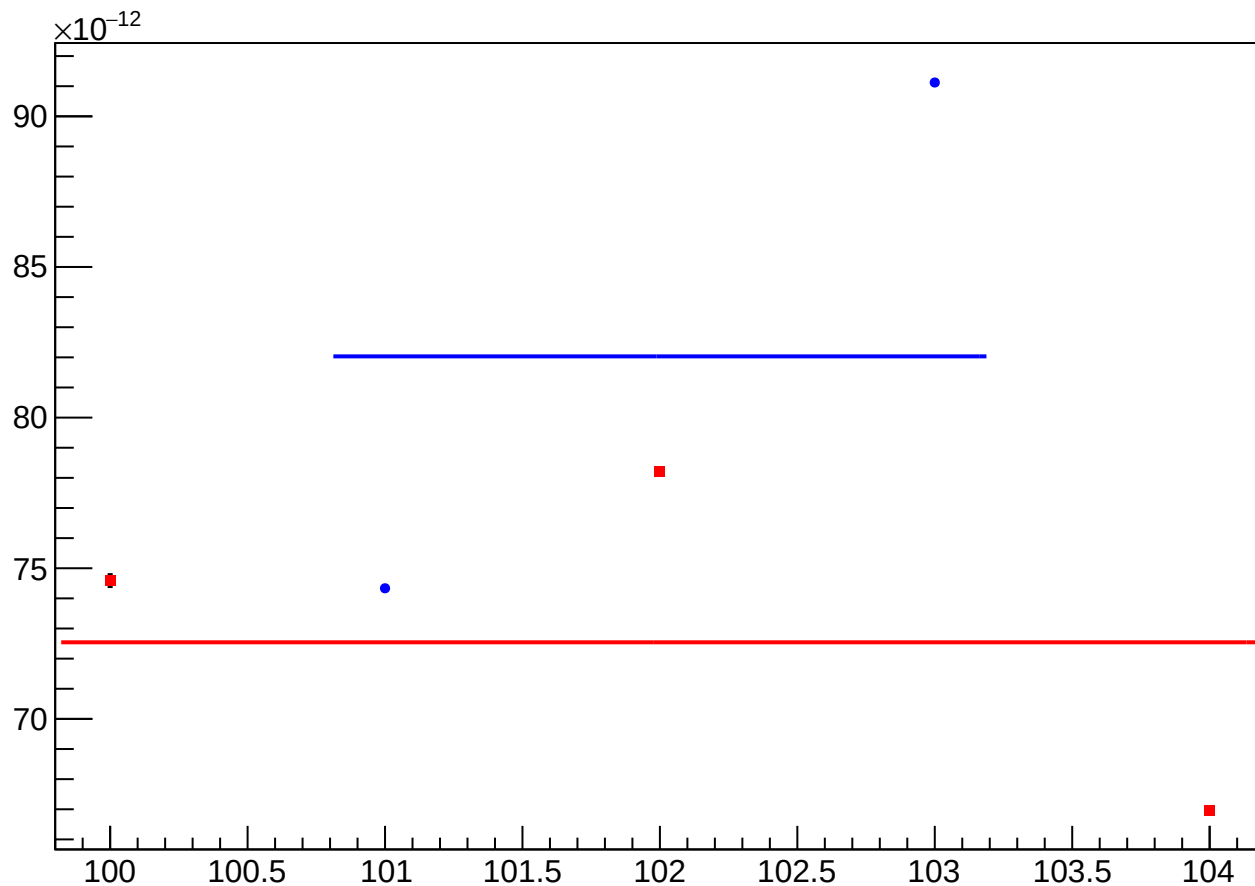
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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 : 9907.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

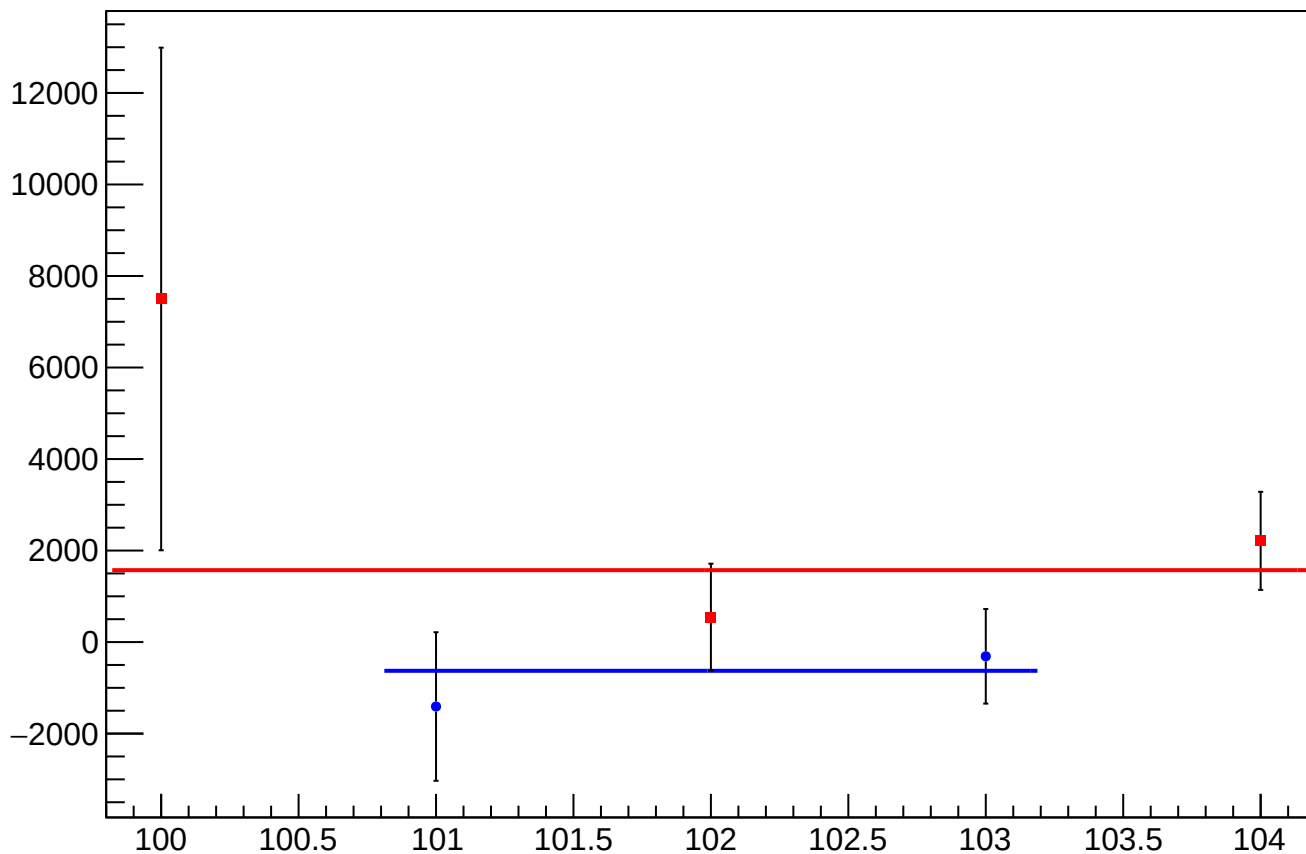
Right: 0.000+/-0.000 χ^2/NDF : 39914.5/4

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 : 39914.5/4

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: 1571.961+/-781.074 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

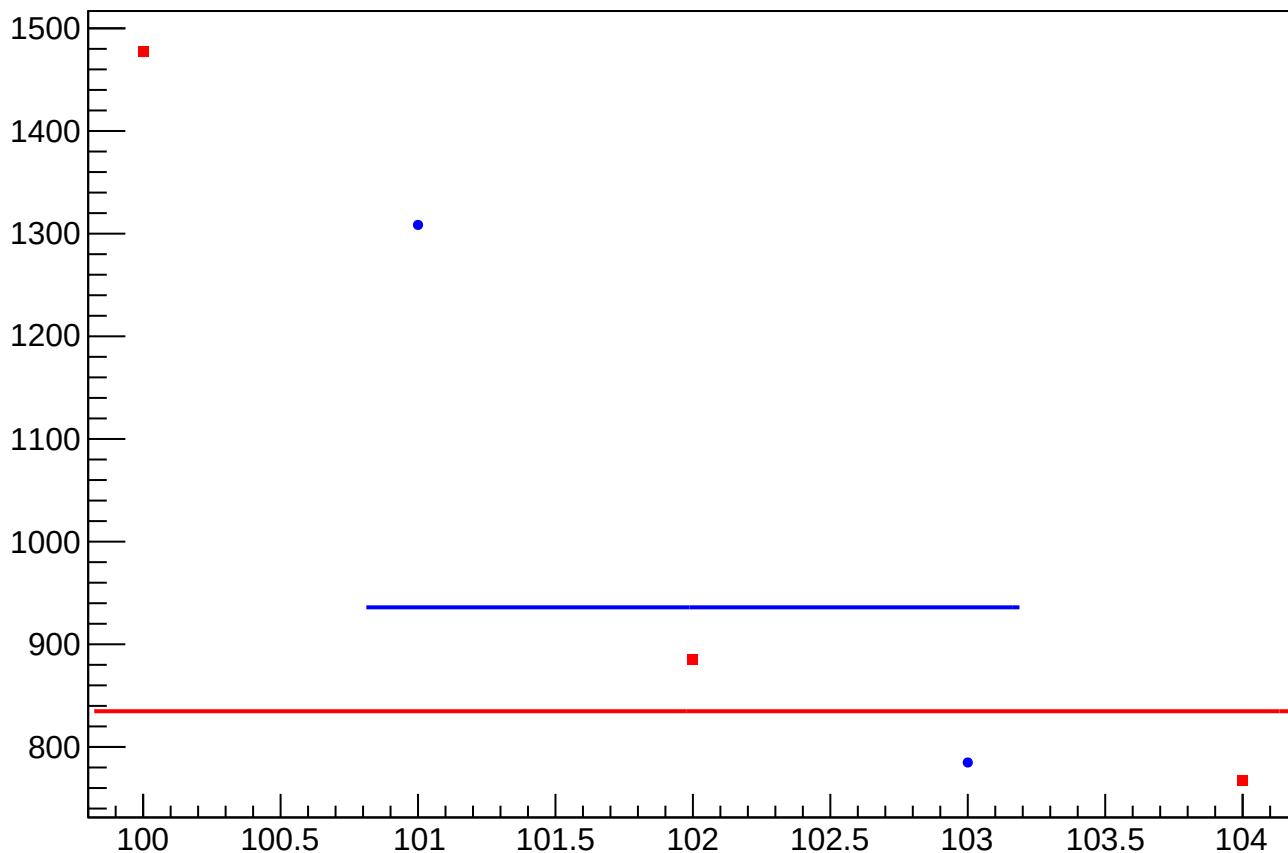
Right: 592.969+/-581.848 χ^2/NDF : 6.1/4

In: -627.656+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.969+/-581.848 χ^2/NDF : 6.1/4

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: 834.803+/-0.552 χ^2/NDF : 38926.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

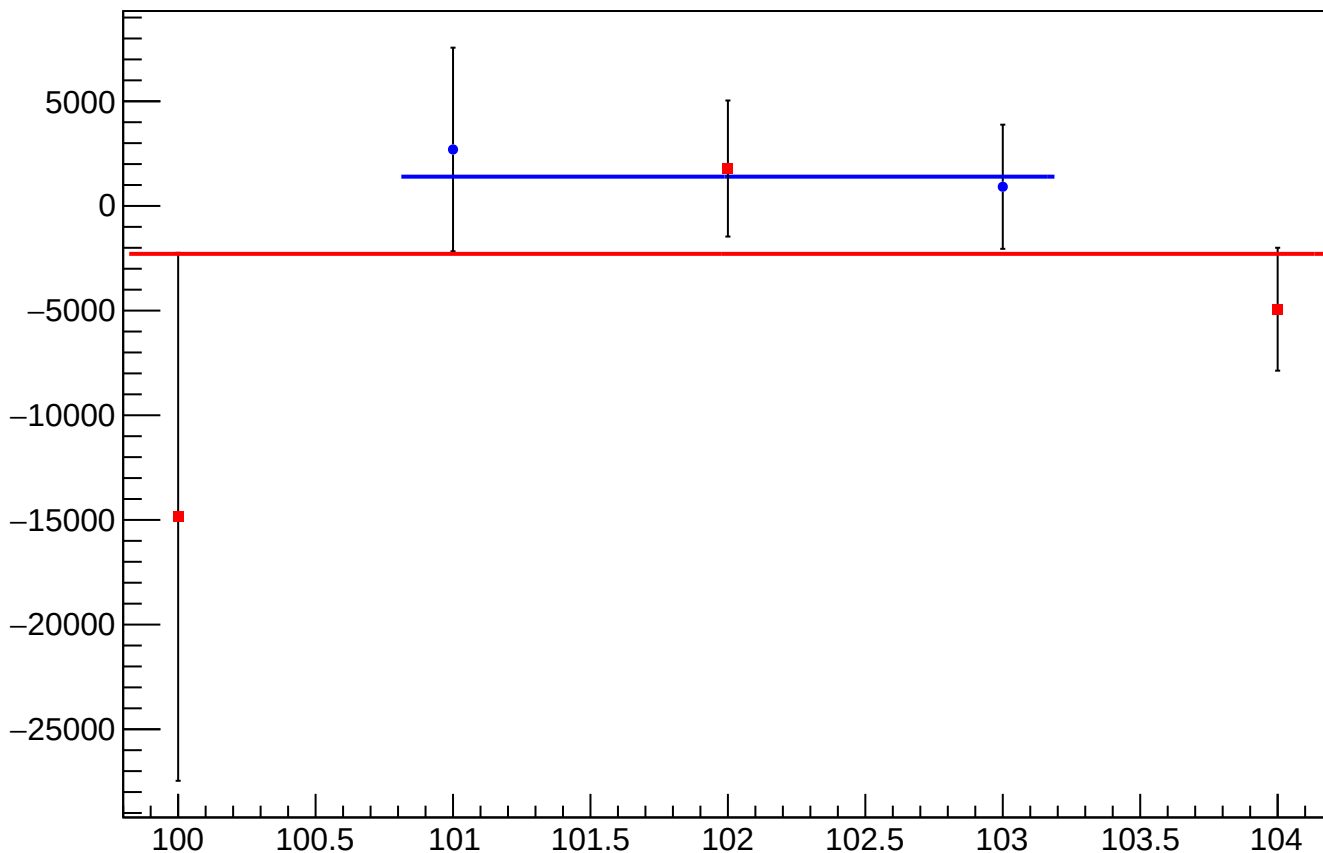
Right: 879.850+/-0.411 χ^2/NDF : 201917.1/4

In: 936.016+/-0.617 χ^2/NDF : 148044.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.850+/-0.411 χ^2/NDF : 201917.1/4

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: -2289.100+/-2146.909 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

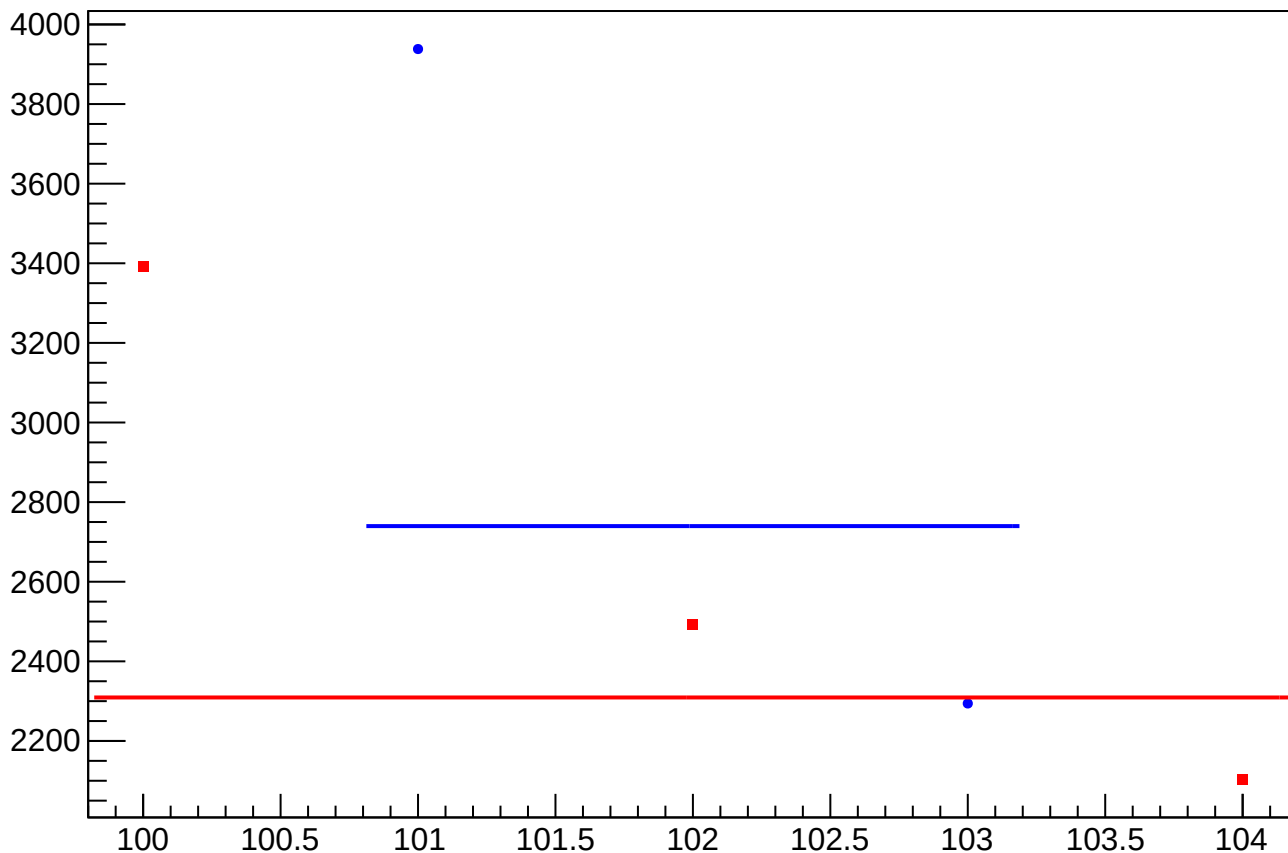
Right: -746.417+/-1637.490 χ^2/NDF : 4.7/4

In: 1399.248+/-2531.957 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -746.417+/-1637.490 χ^2/NDF : 4.7/4

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: 2309.238+/-1.518 χ^2/NDF : 30976.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

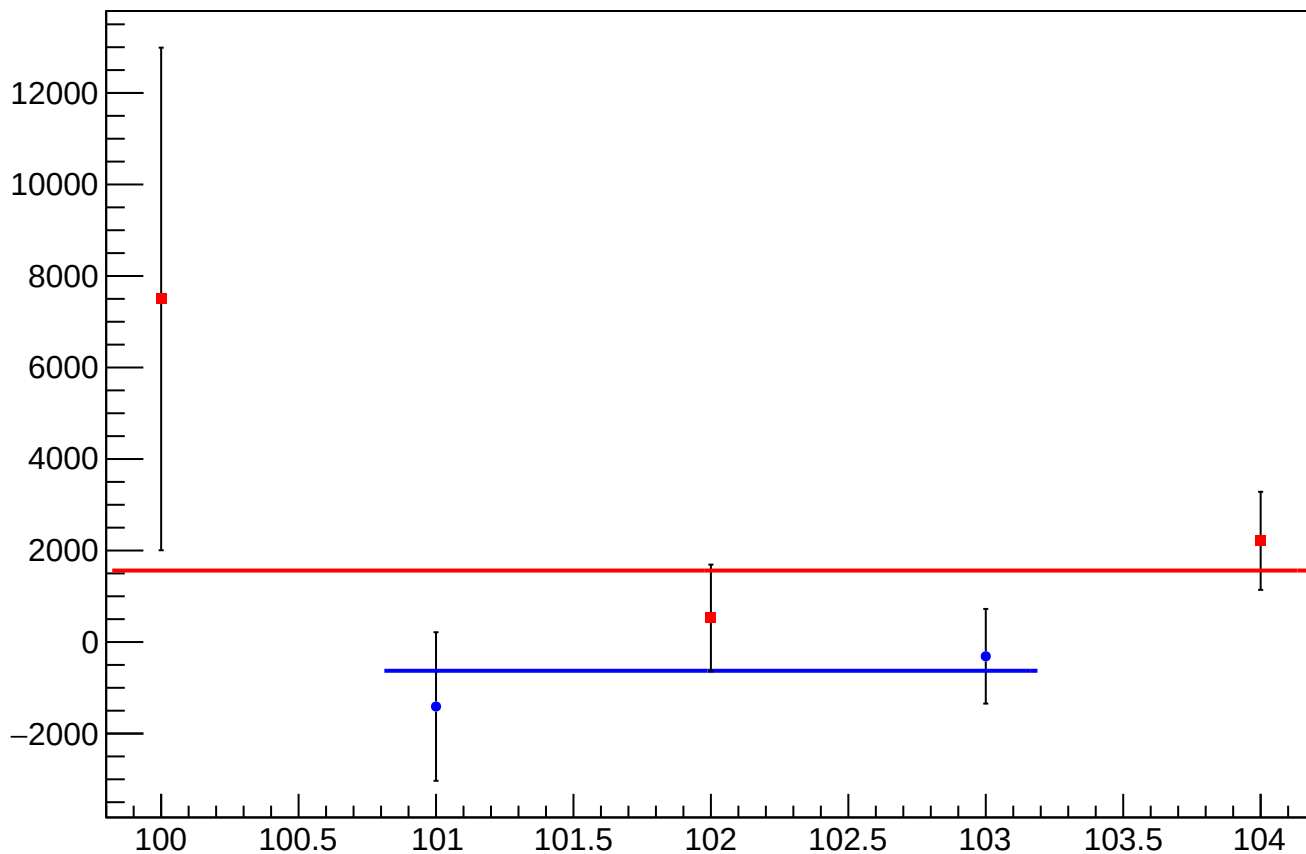
Right: 2489.303+/-1.158 χ^2/NDF : 231211.0/4

In: 2739.750+/-1.790 χ^2/NDF : 166597.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2489.303+/-1.158 χ^2/NDF : 231211.0/4

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: 1562.736+/-781.145 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

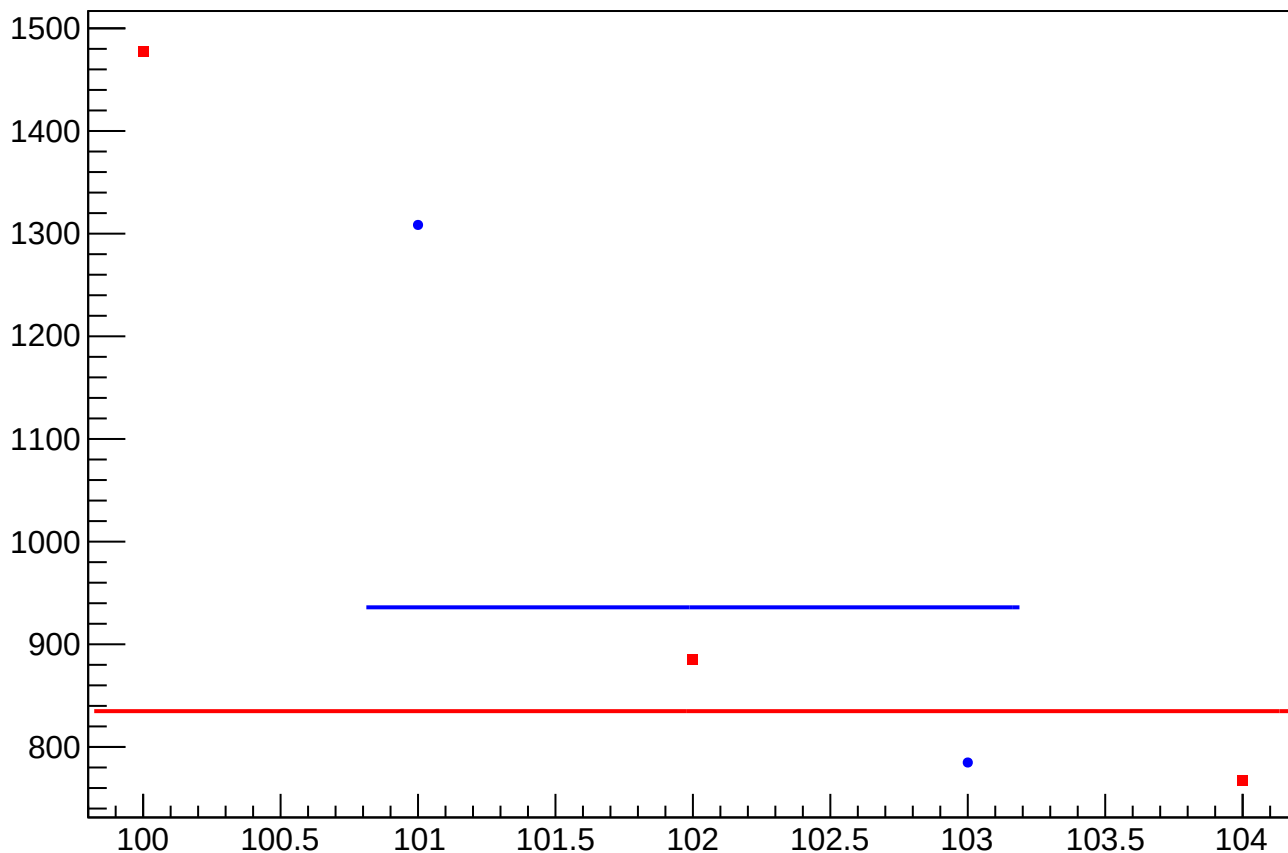
Right: 587.628+/-581.878 χ^2/NDF : 6.2/4

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.628+/-581.878 χ^2/NDF : 6.2/4

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: 834.881+/-0.552 χ^2/NDF : 38953.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

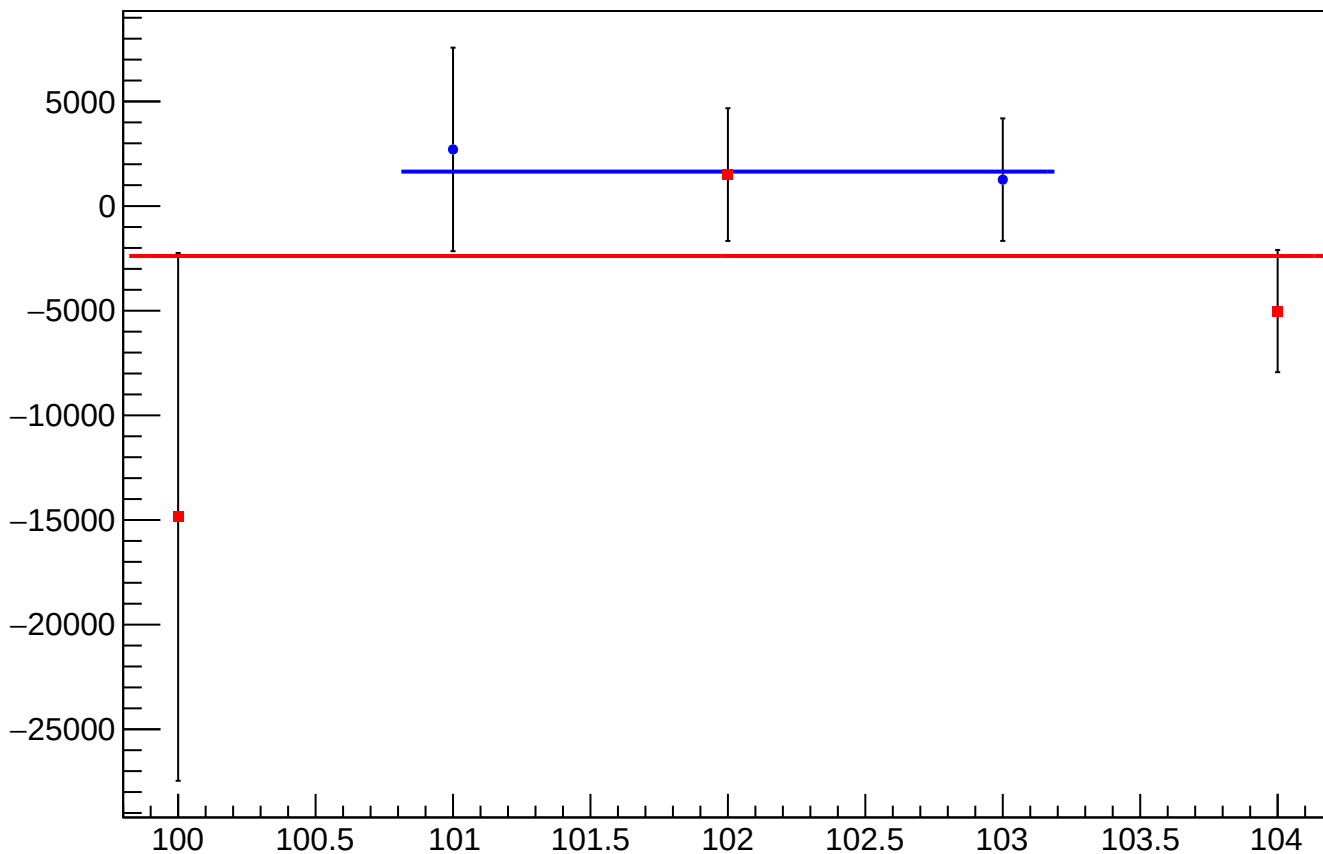
Right: 879.898+/-0.411 χ^2/NDF : 201919.9/4

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.898+/-0.411 χ^2/NDF : 201919.9/4

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: -2384.096 $\pm$ 2117.657 χ^2 /NDF: 3.3/2

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

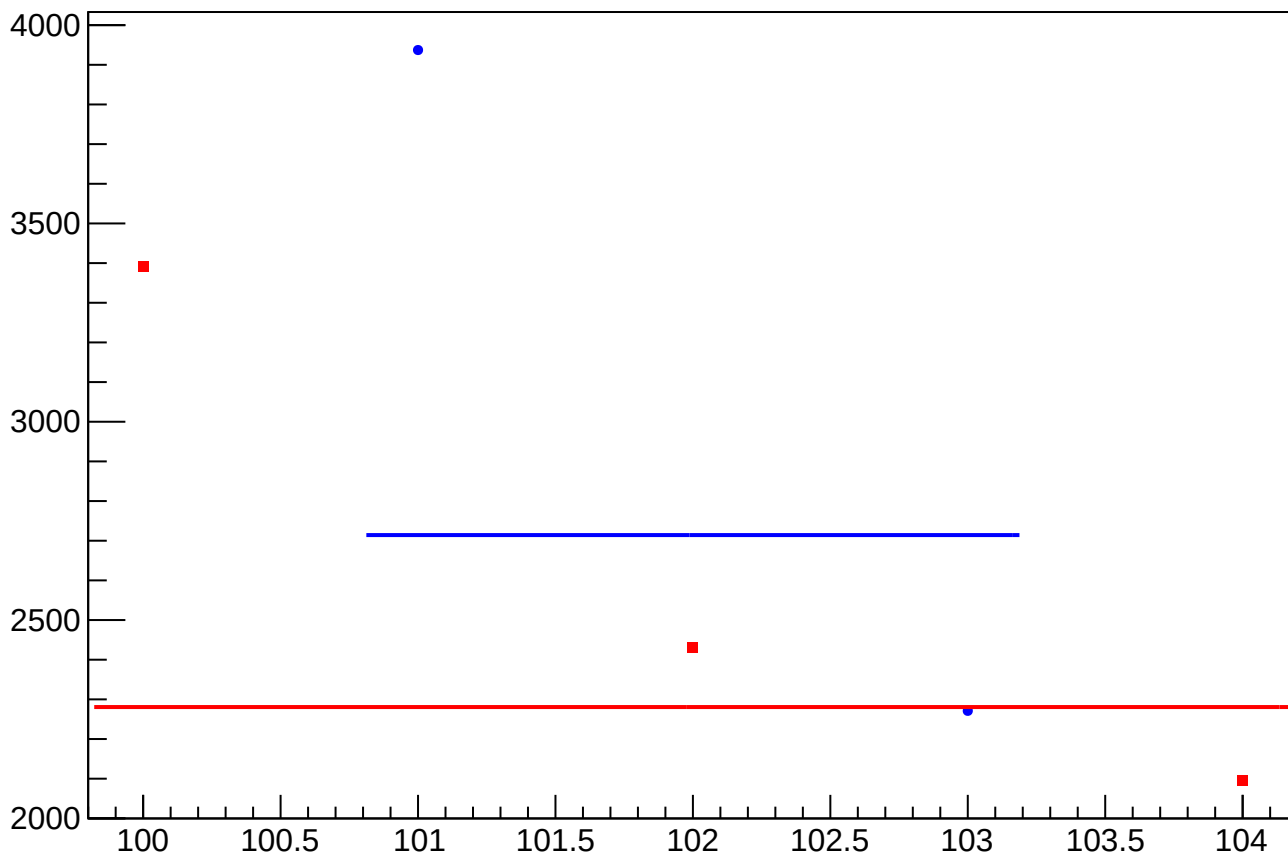
Right: -705.590 $\pm$ 1617.921 χ^2 /NDF: 4.9/4

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: -705.590 $\pm$ 1617.921 χ^2 /NDF: 4.9/4

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: 2280.617+/-1.497 χ^2/NDF : 28111.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

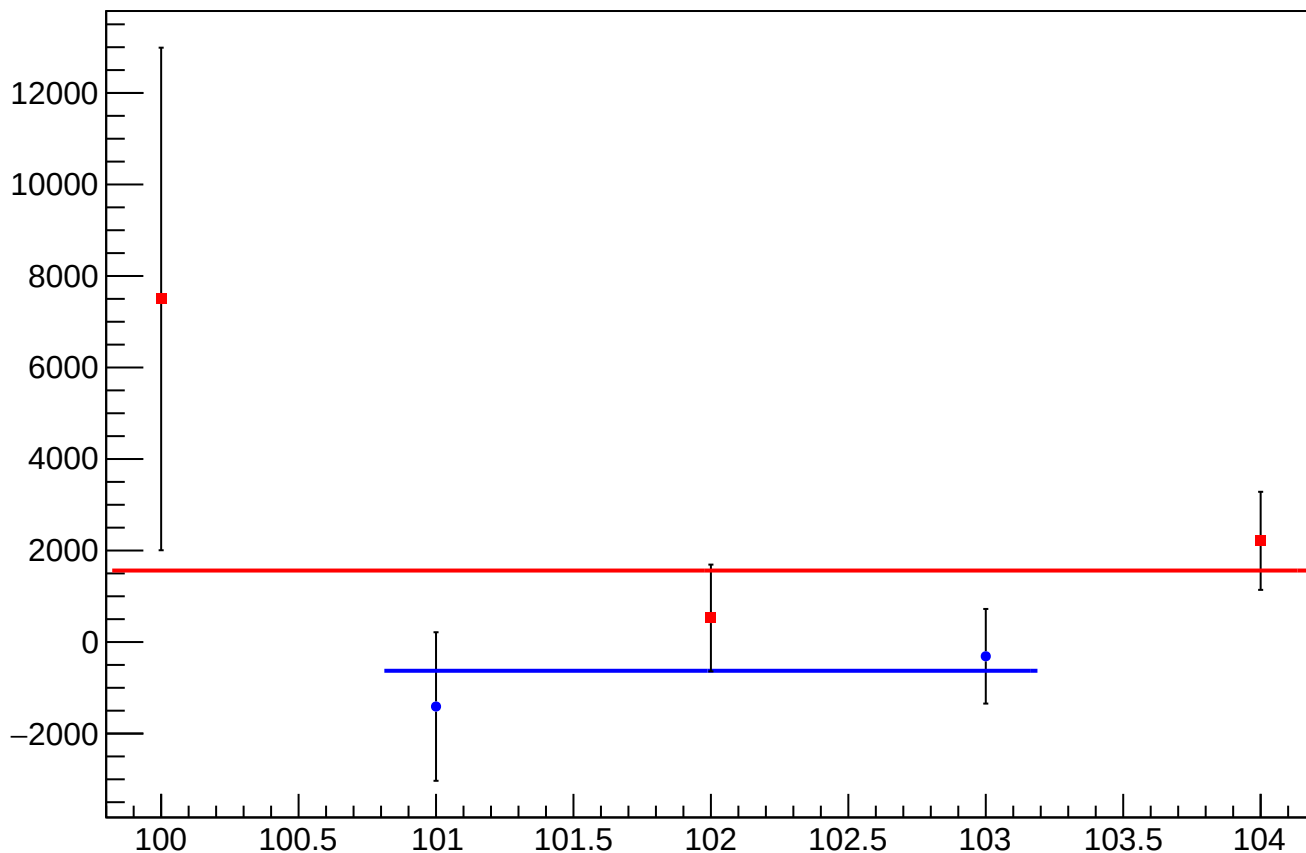
Right: 2461.125+/-1.144 χ^2/NDF : 235401.4/4

In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.125+/-1.144 χ^2/NDF : 235401.4/4

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: 1562.736+/-781.145 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

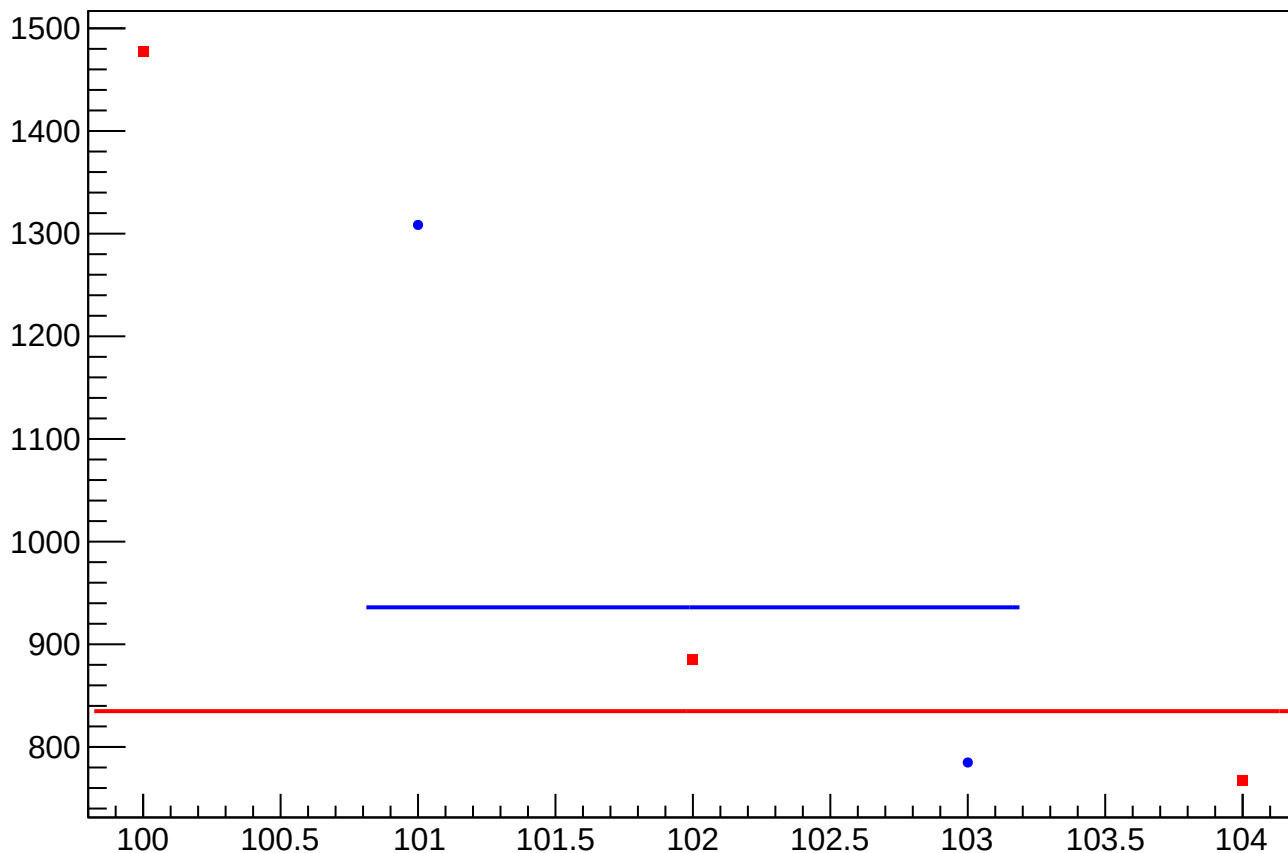
Right: 587.628+/-581.878 χ^2/NDF : 6.2/4

In: -627.933+/-872.155 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.628+/-581.878 χ^2/NDF : 6.2/4

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: 834.881+/-0.552 χ^2/NDF : 38953.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

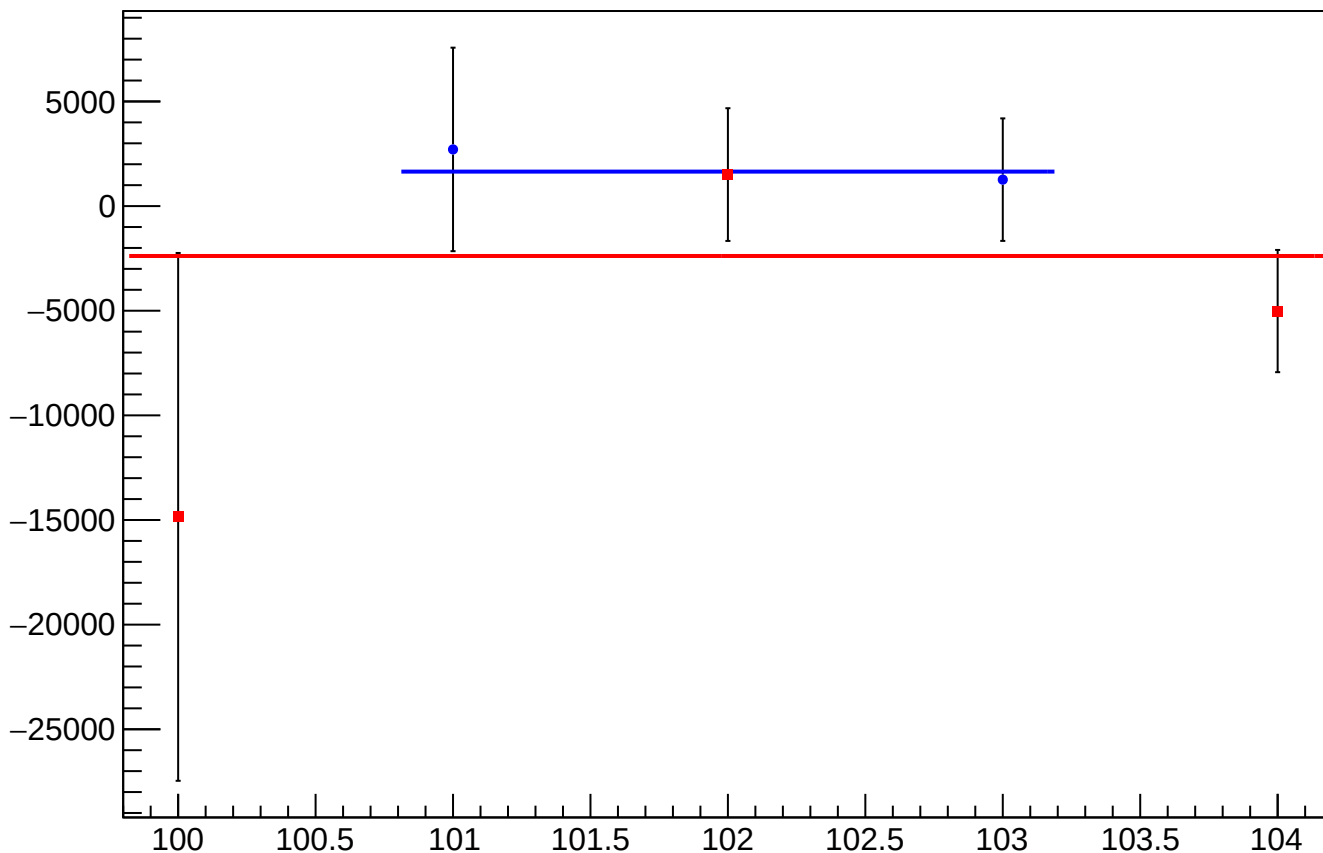
Right: 879.898+/-0.411 χ^2/NDF : 201919.9/4

In: 936.015+/-0.617 χ^2/NDF : 148044.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 879.898+/-0.411 χ^2/NDF : 201919.9/4

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1648.046+/-2507.631 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2384.096+/-2117.657 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

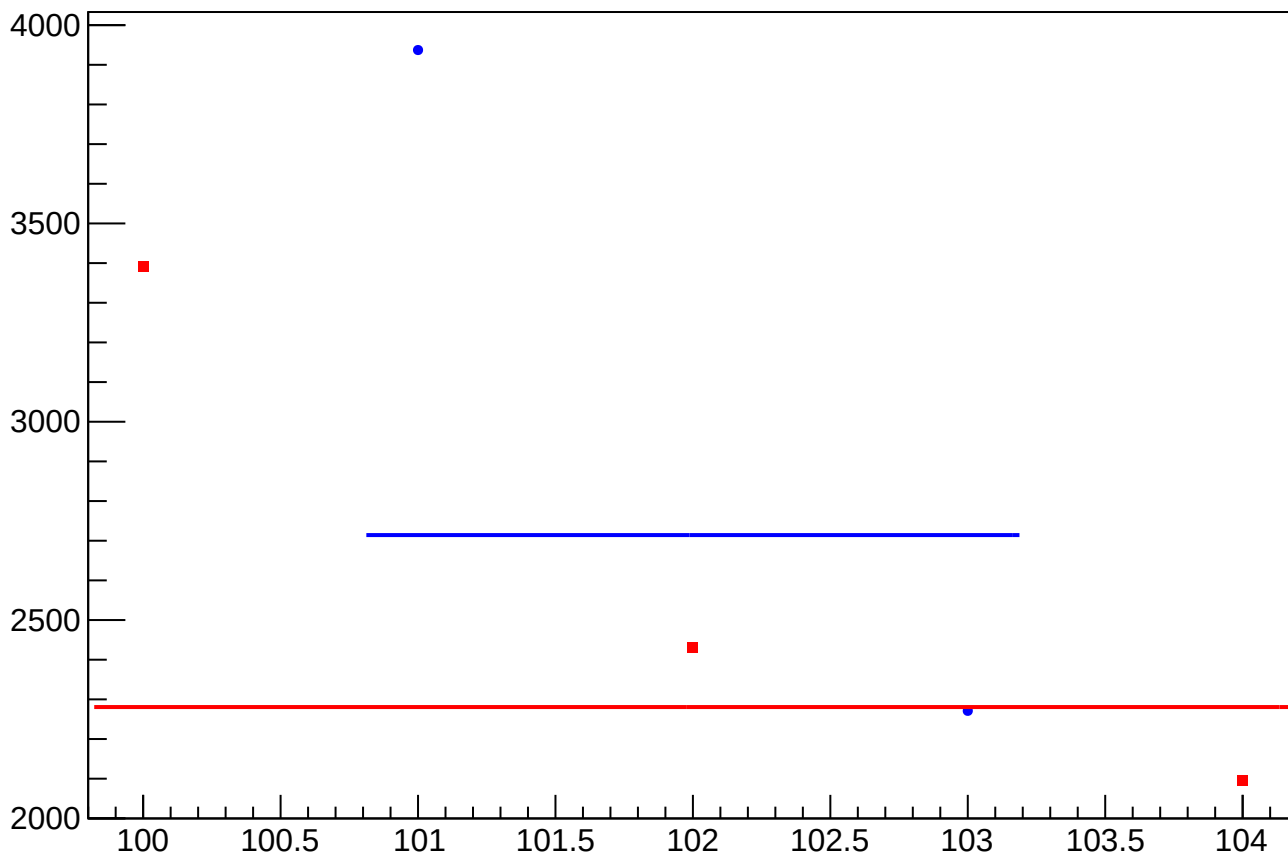
Right: -705.590+/-1617.921 χ^2/NDF : 4.9/4

In: 1648.046+/-2507.631 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -705.590+/-1617.921 χ^2/NDF : 4.9/4

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: 2280.617+/-1.497 χ^2/NDF : 28111.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

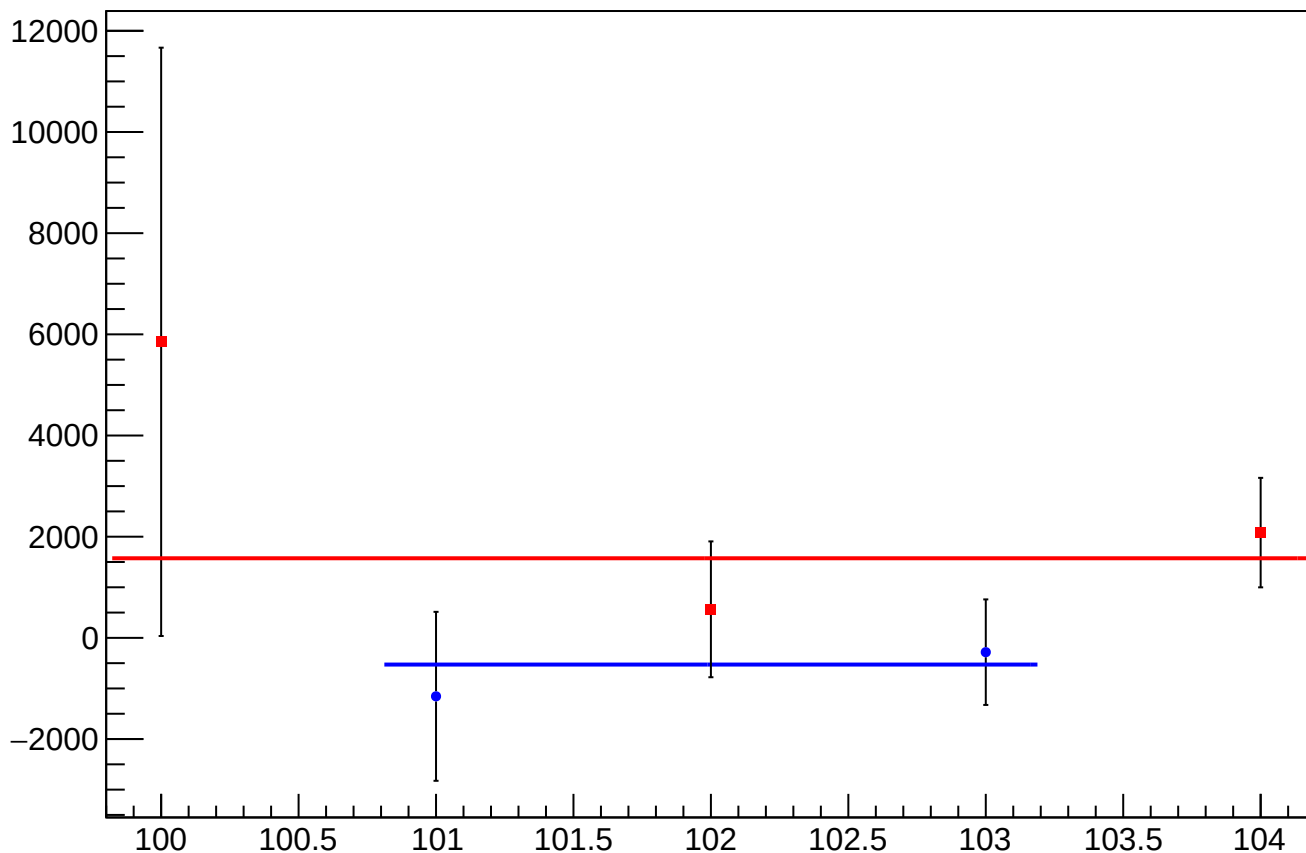
Right: 2461.125+/-1.144 χ^2/NDF : 235401.4/4

In: 2714.236+/-1.773 χ^2/NDF : 172381.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.125+/-1.144 χ^2/NDF : 235401.4/4

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: 1573.528+/-833.888 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

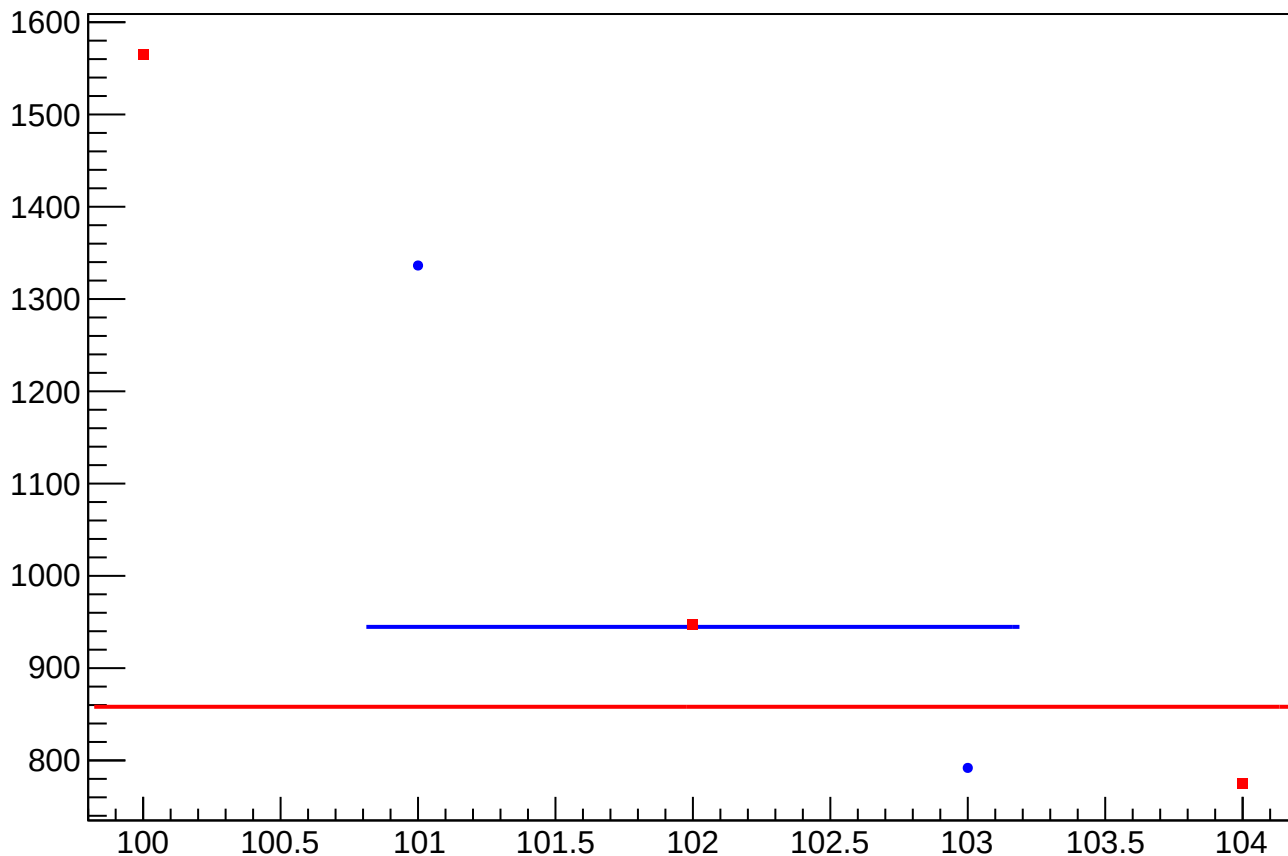
Right: 585.079+/-606.836 χ^2/NDF : 4.5/4

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.079+/-606.836 χ^2/NDF : 4.5/4

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: 858.127+/-0.590 χ^2/NDF : 50139.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

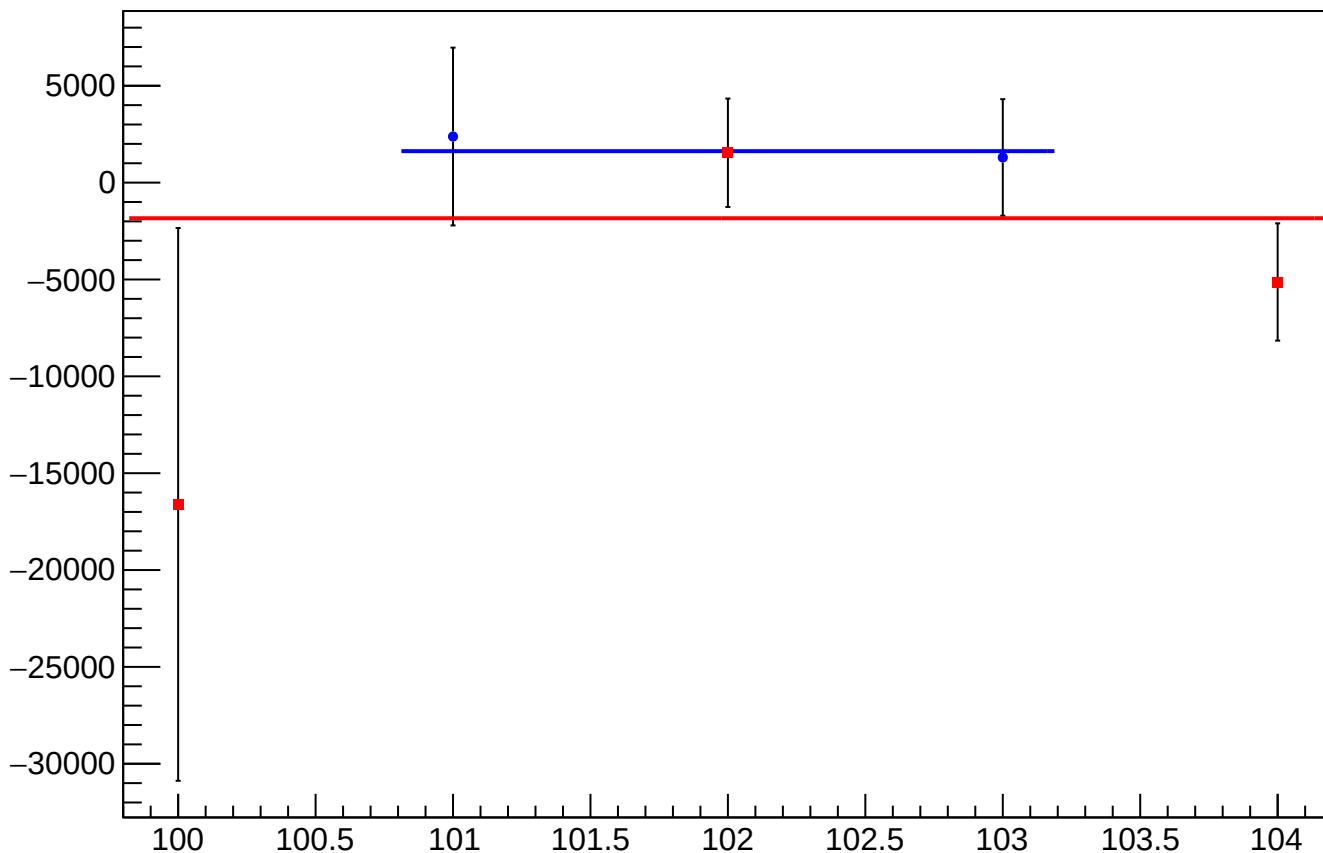
Right: 898.861+/-0.429 χ^2/NDF : 213189.1/4

In: 944.718+/-0.626 χ^2/NDF : 152904.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.861+/-0.429 χ^2/NDF : 213189.1/4

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1624.714 $\pm$ 2515.756 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1838.573 $\pm$ 2033.839 χ^2 /NDF: 3.7/2

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

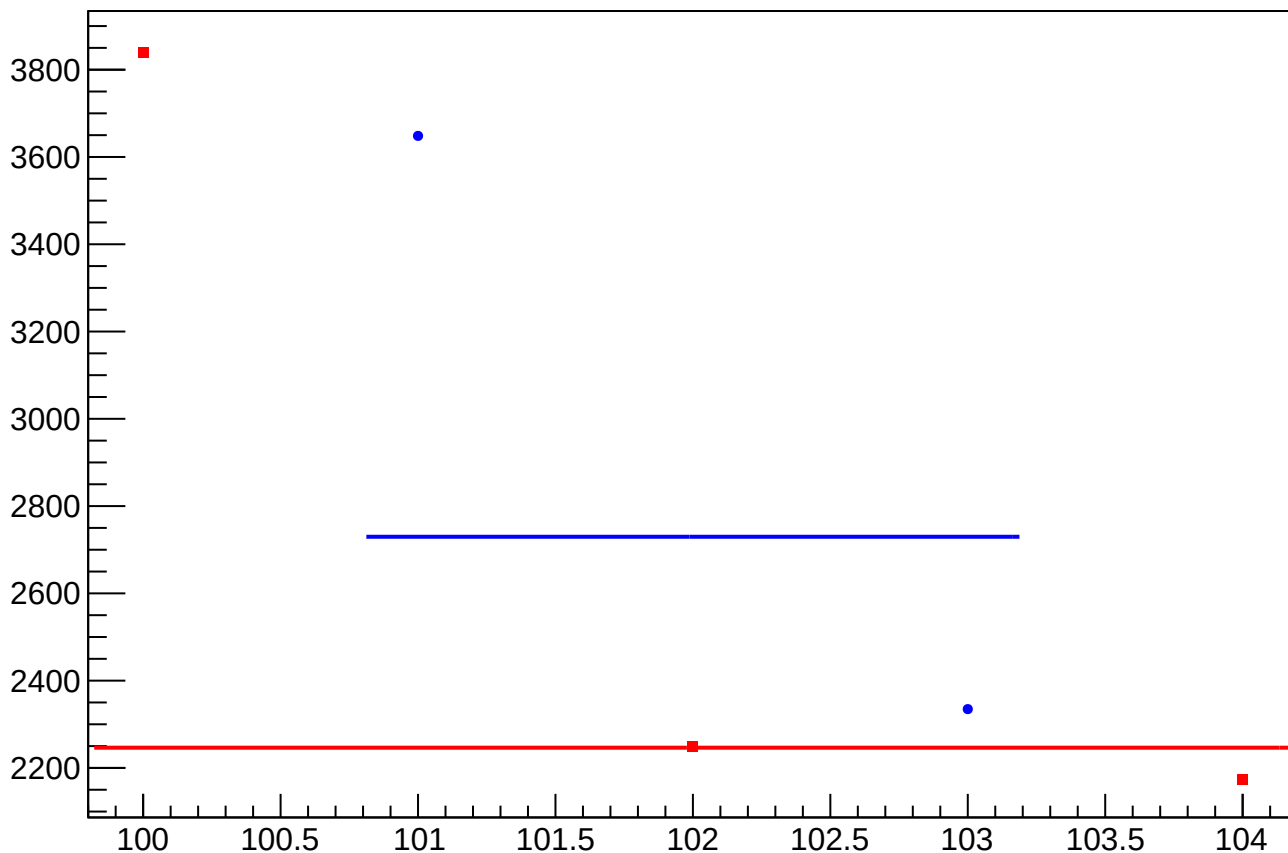
Right: -469.708 $\pm$ 1581.629 χ^2 /NDF: 4.9/4

In: 1624.714 $\pm$ 2515.756 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -469.708 $\pm$ 1581.629 χ^2 /NDF: 4.9/4

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: 2246.364+/-1.438 χ^2/NDF : 26147.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

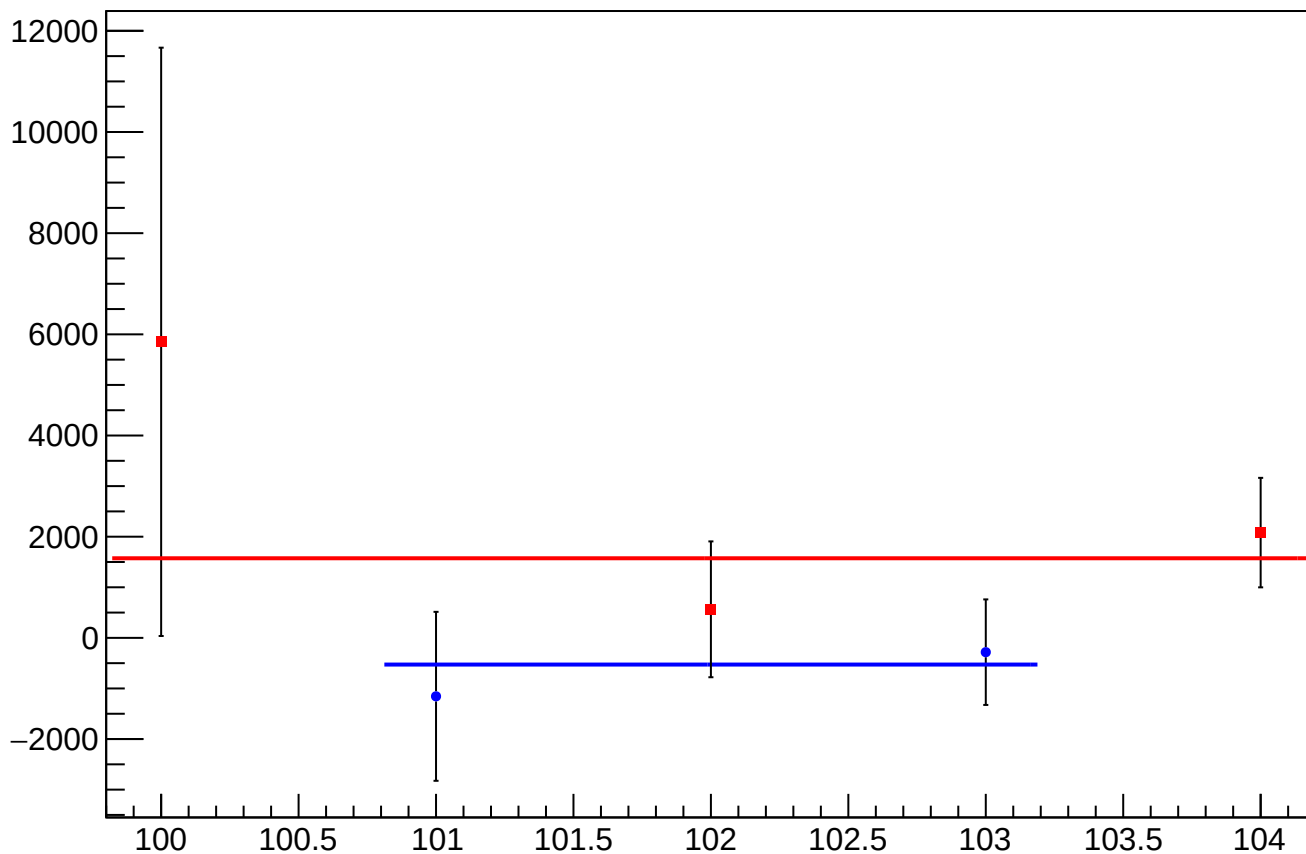
Right: 2437.409+/-1.118 χ^2/NDF : 185439.4/4

In: 2729.716+/-1.779 χ^2/NDF : 114644.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.409+/-1.118 χ^2/NDF : 185439.4/4

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: 1573.521+/-833.889 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

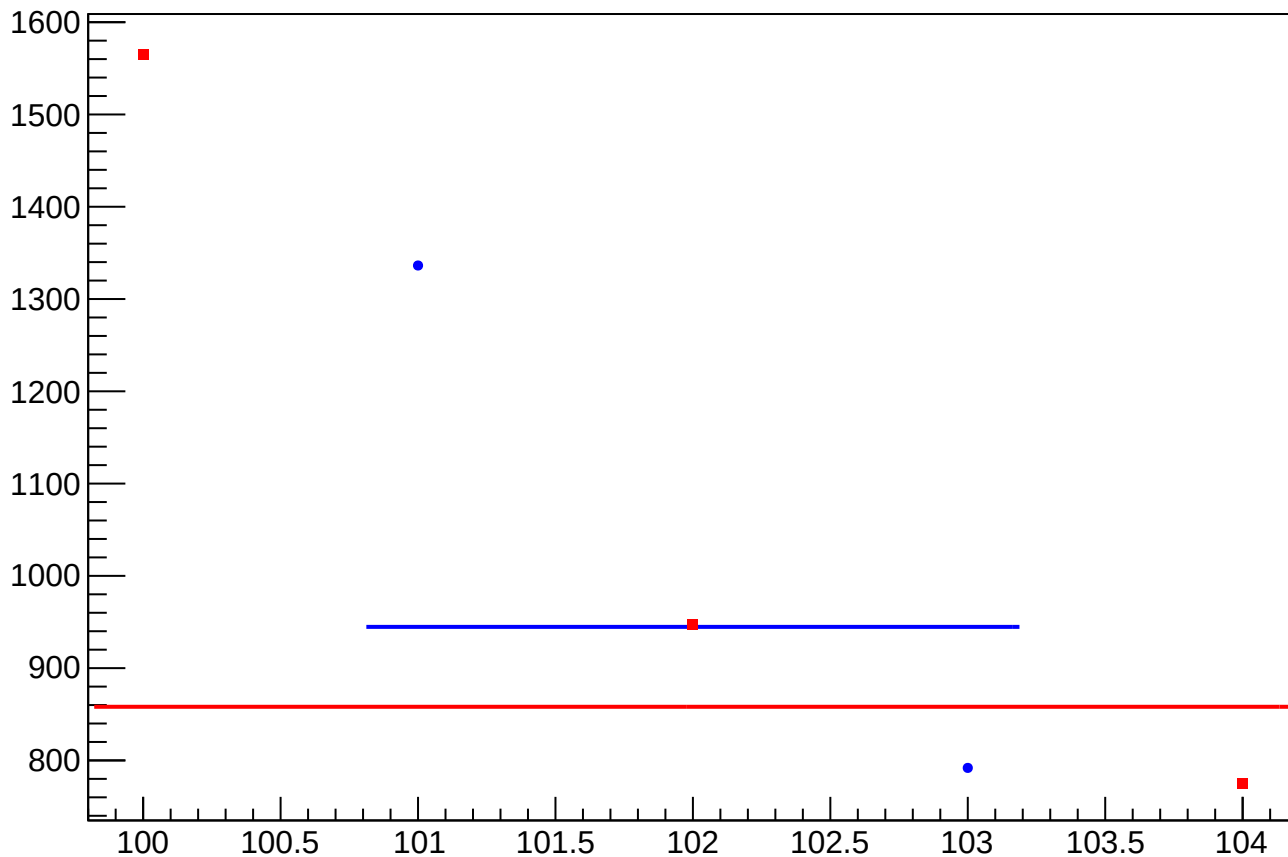
Right: 585.075+/-606.836 χ^2/NDF : 4.5/4

In: -527.652+/-884.761 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.075+/-606.836 χ^2/NDF : 4.5/4

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: 858.127+/-0.590 χ^2/NDF : 50139.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

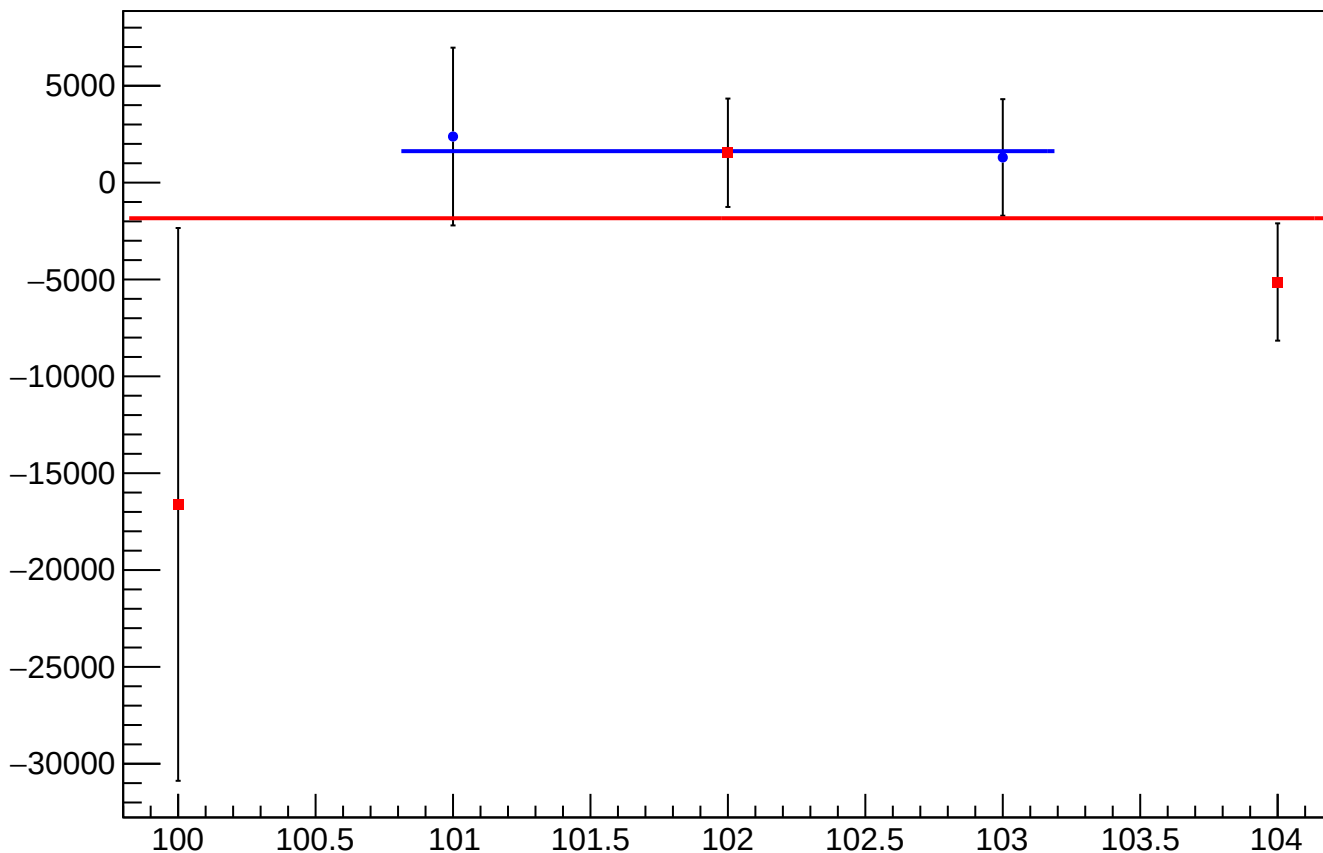
Right: 898.862+/-0.429 χ^2/NDF : 213188.7/4

In: 944.718+/-0.626 χ^2/NDF : 152904.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 898.862+/-0.429 χ^2/NDF : 213188.7/4

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: -1838.574+/-2033.840 χ^2 /NDF: 3.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

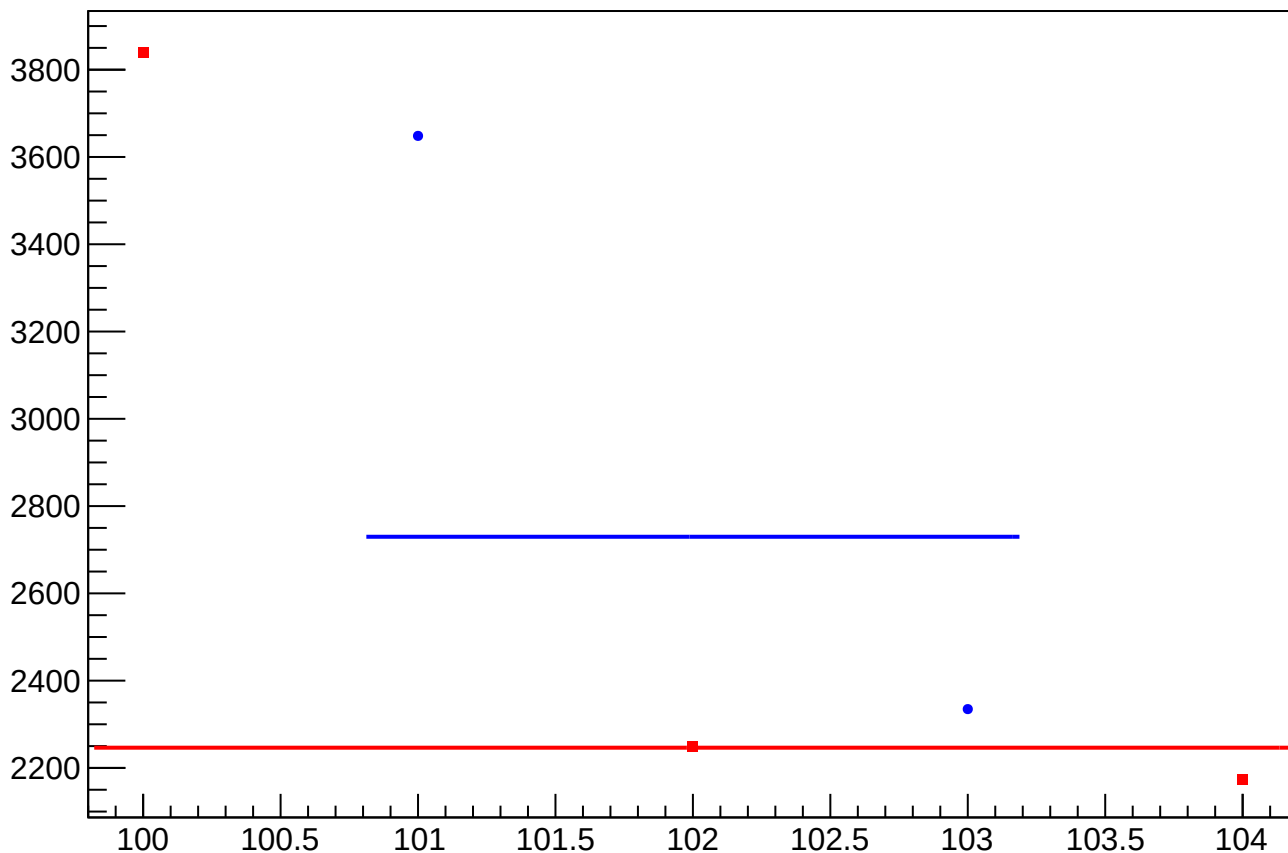
Right: -469.708+/-1581.629 χ^2 /NDF: 4.9/4

In: 1624.715+/-2515.756 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -469.708+/-1581.629 χ^2 /NDF: 4.9/4

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: 2246.366+/-1.438 χ^2/NDF : 26147.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

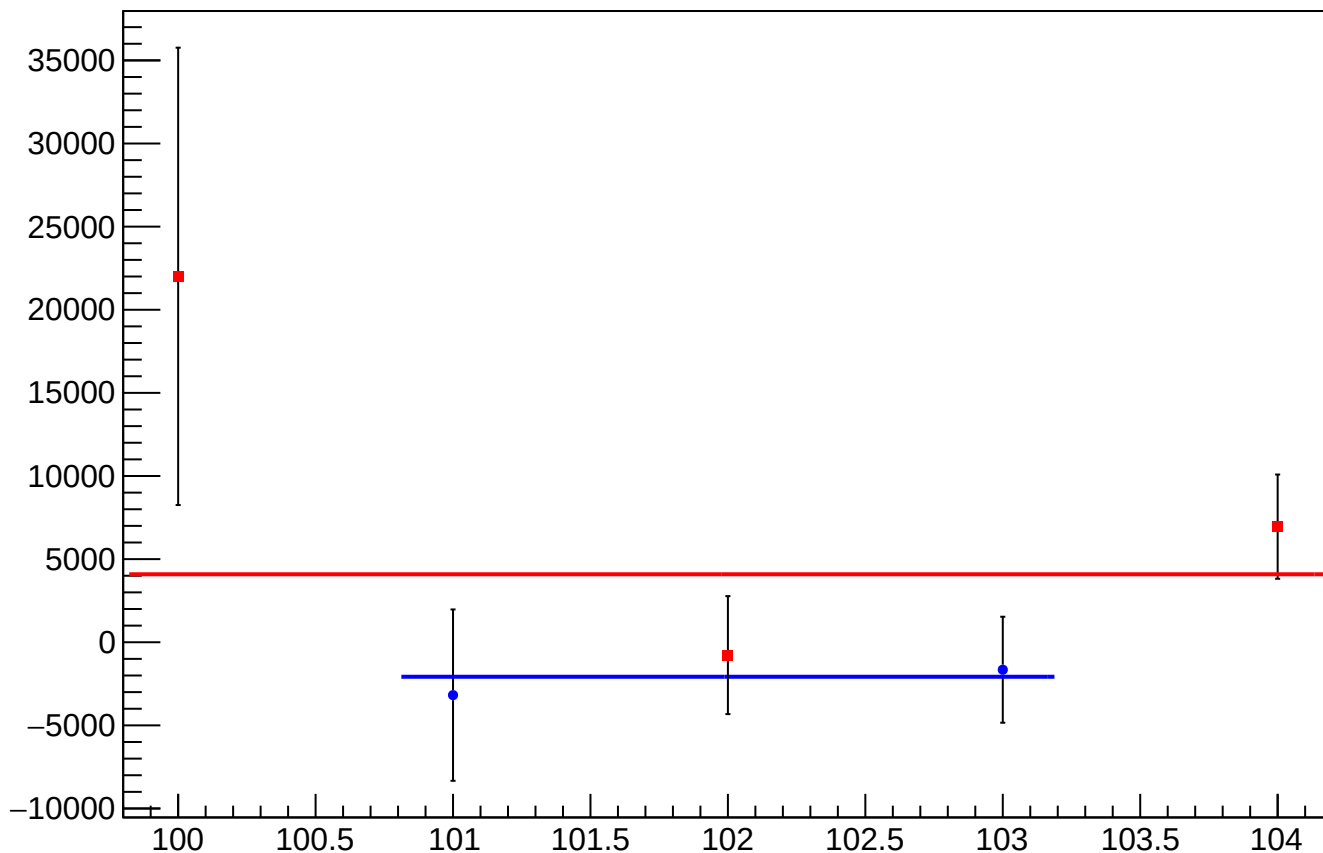
Right: 2437.410+/-1.118 χ^2/NDF : 185438.2/4

In: 2729.717+/-1.779 χ^2/NDF : 114643.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.410+/-1.118 χ^2/NDF : 185438.2/4

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: 4089.014+/-2315.935 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

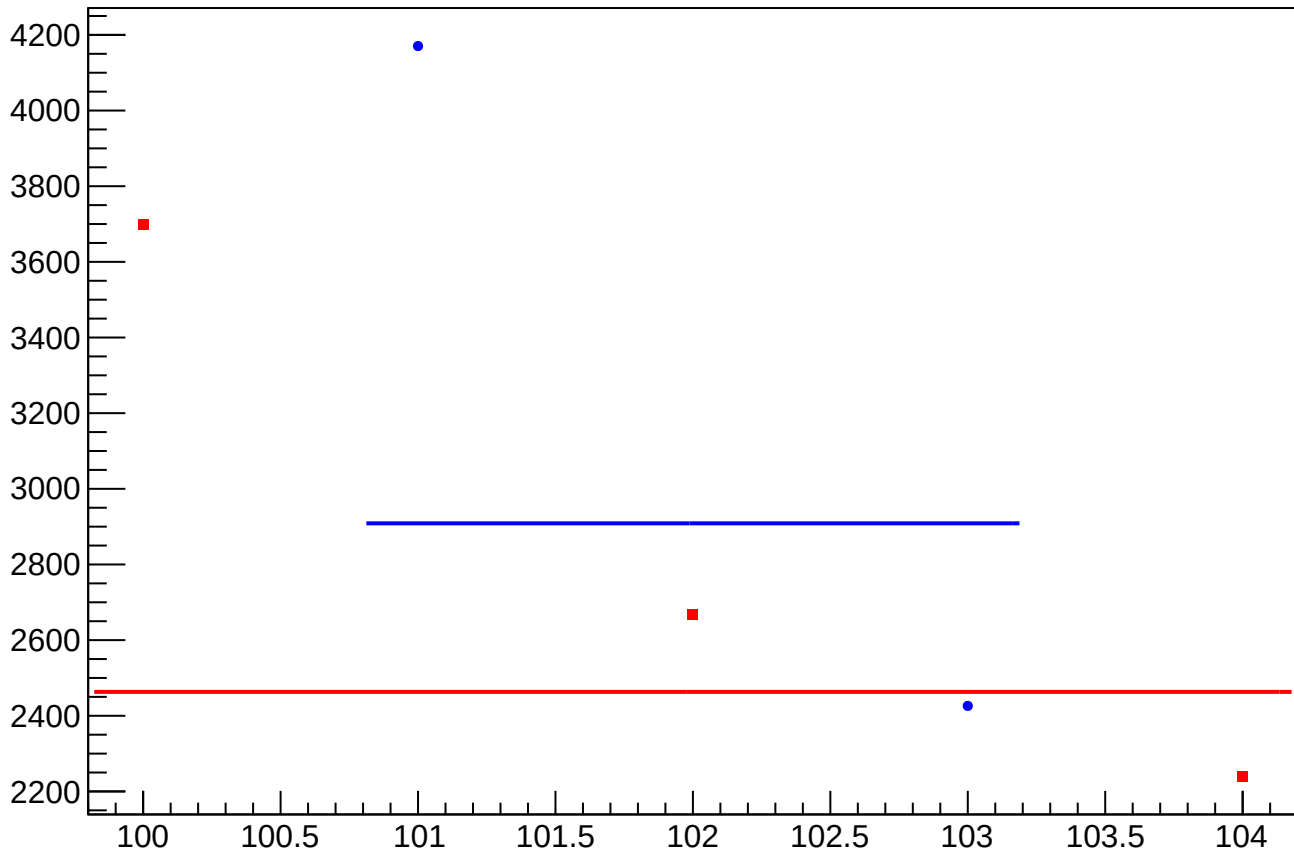
Right: 1488.247+/-1760.904 χ^2/NDF : 7.5/4

In: -2075.707+/-2711.076 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1488.247+/-1760.904 χ^2/NDF : 7.5/4

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2908.787 $\pm$ 1.917 χ^2 /NDF: 165731.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2463.174 $\pm$ 1.638 χ^2 /NDF: 33181.6/2

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

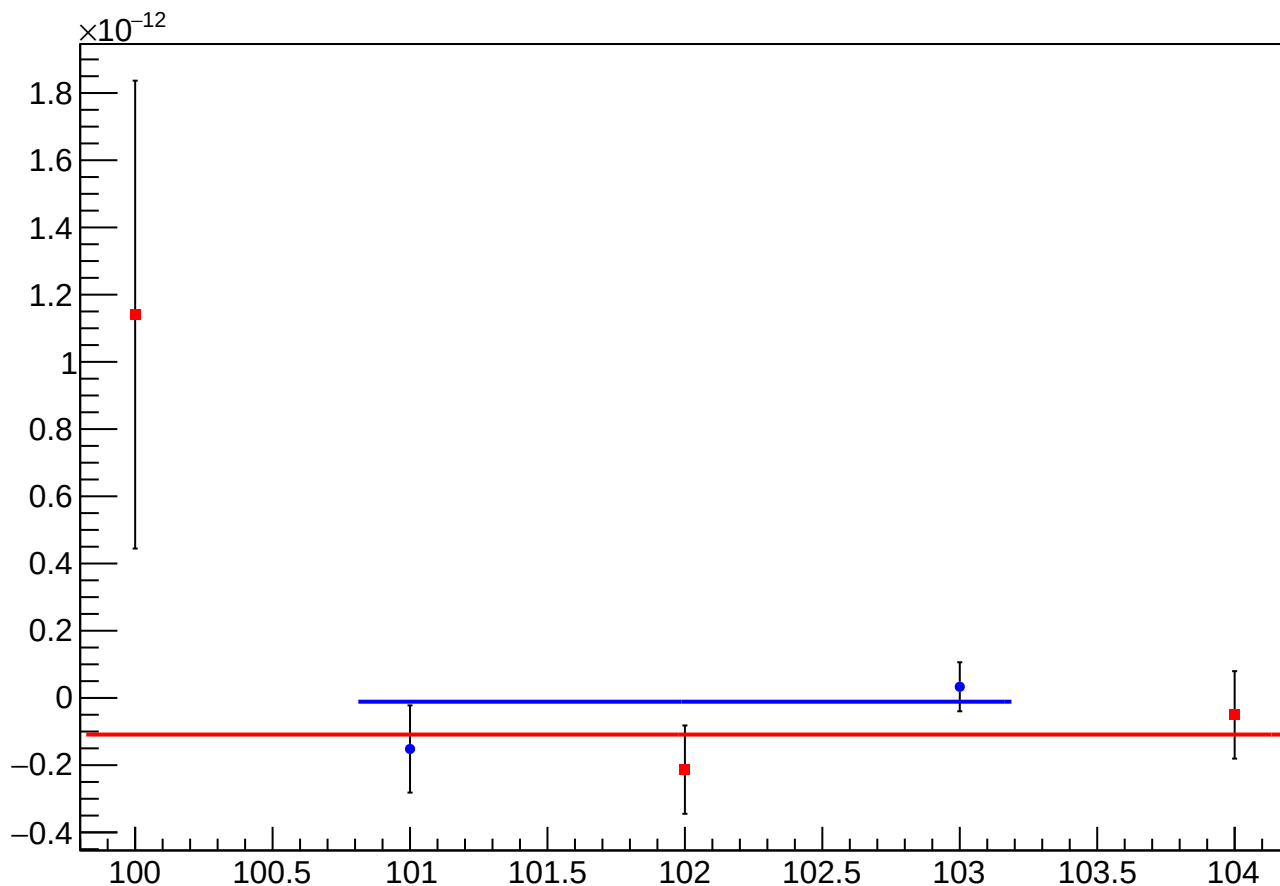
Right: 2651.170 $\pm$ 1.245 χ^2 /NDF: 230151.4/4

In: 2908.787 $\pm$ 1.917 χ^2 /NDF: 165731.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2651.170 $\pm$ 1.245 χ^2 /NDF: 230151.4/4

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 : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

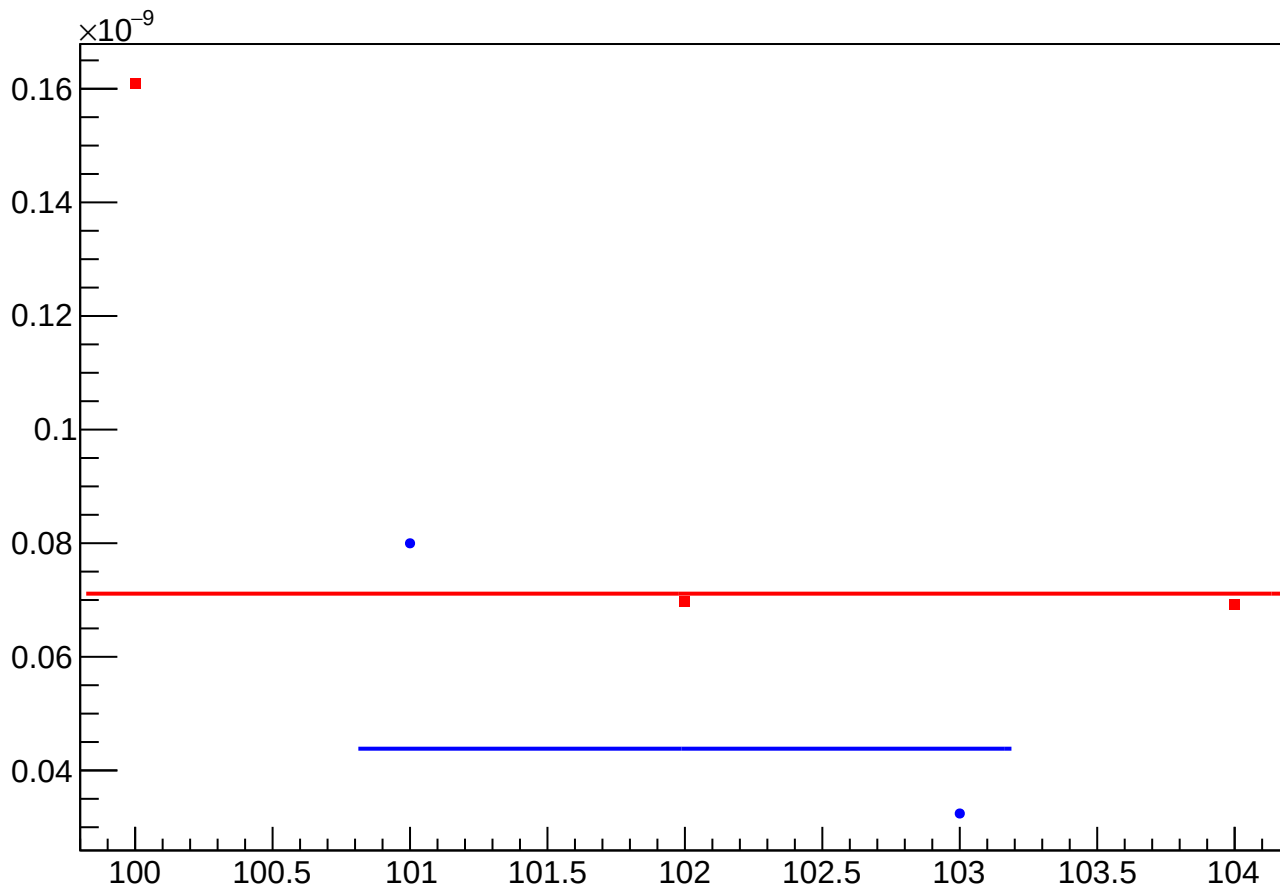
Right: -0.000+/-0.000 χ^2/NDF : 6.4/4

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 : 6.4/4

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 : 33899.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

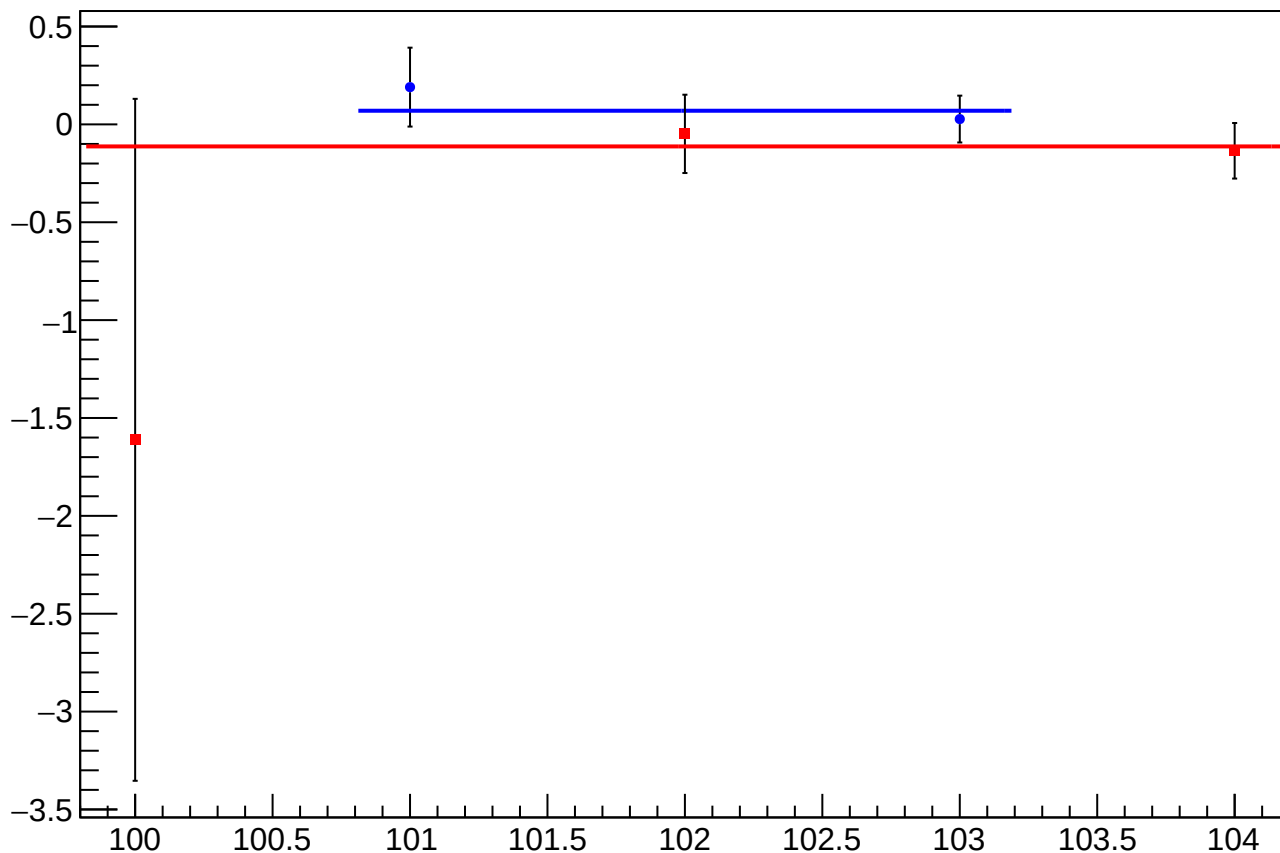
Right: 0.000+/-0.000 χ^2/NDF : 357907.8/4

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 : 357907.8/4

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: -0.113+/-0.115 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

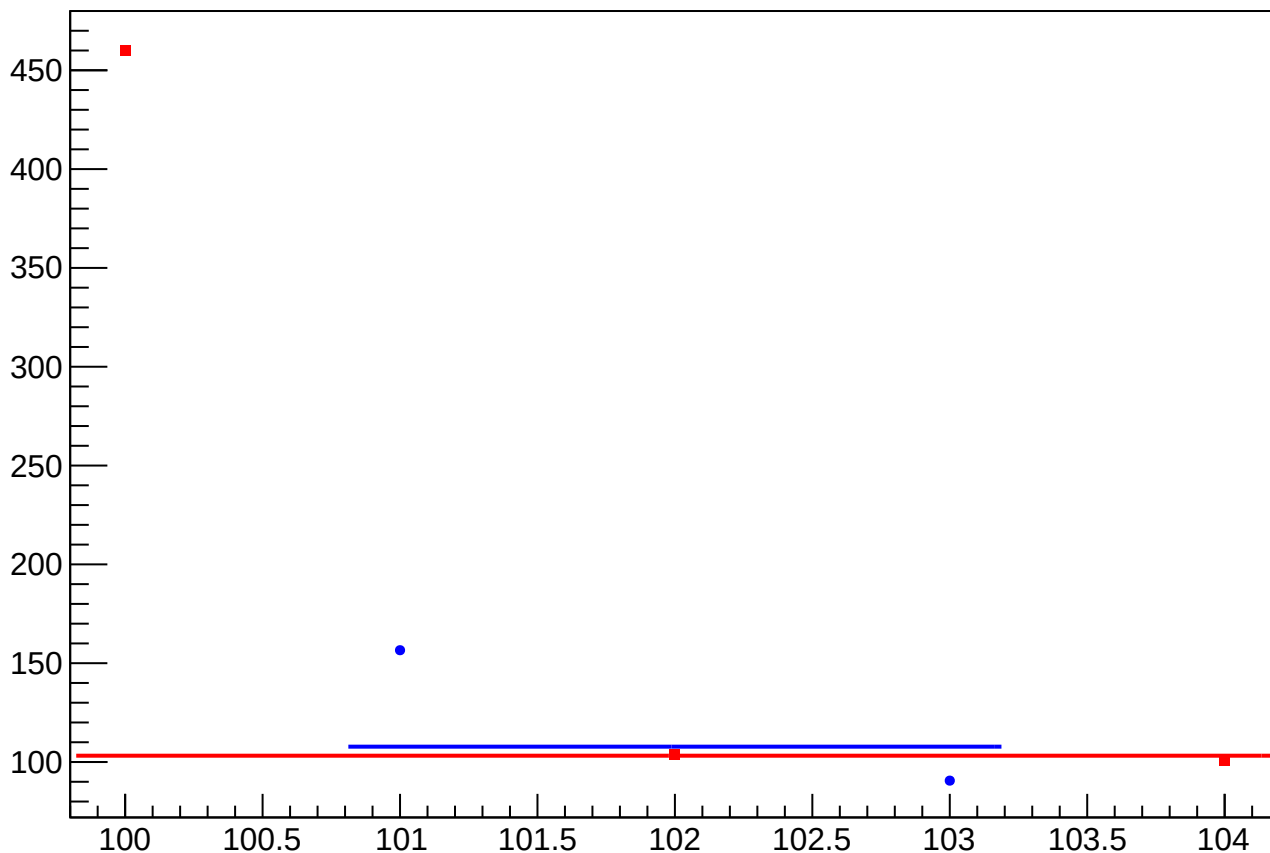
Right: -0.011+/-0.077 χ^2/NDF : 2.7/4

In: 0.070+/-0.103 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.077 χ^2/NDF : 2.7/4

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: 103.194+/-0.082 χ^2/NDF : 84715.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

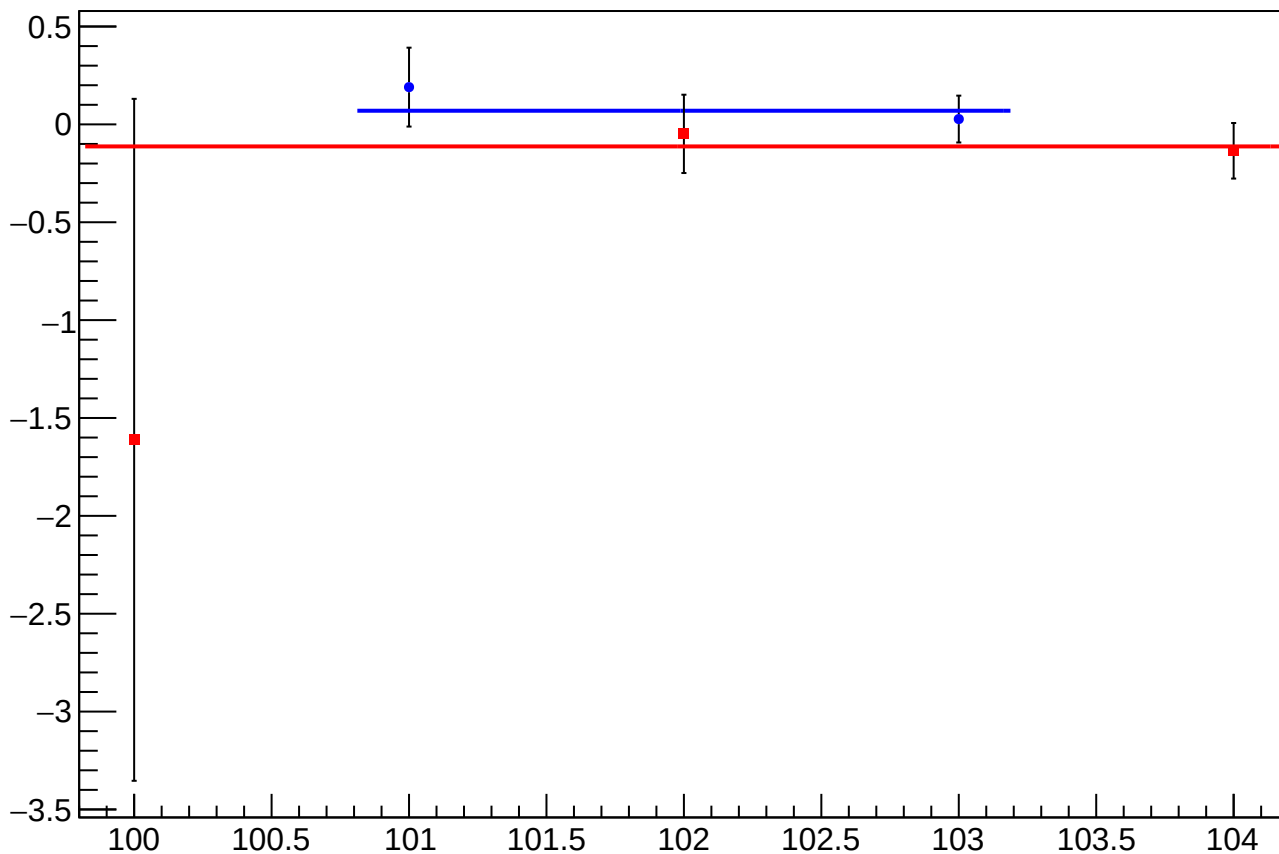
Right: 105.745+/-0.054 χ^2/NDF : 245015.9/4

In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.745+/-0.054 χ^2/NDF : 245015.9/4

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: -0.113 +/- 0.115 χ^2 /NDF: 0.9/2

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

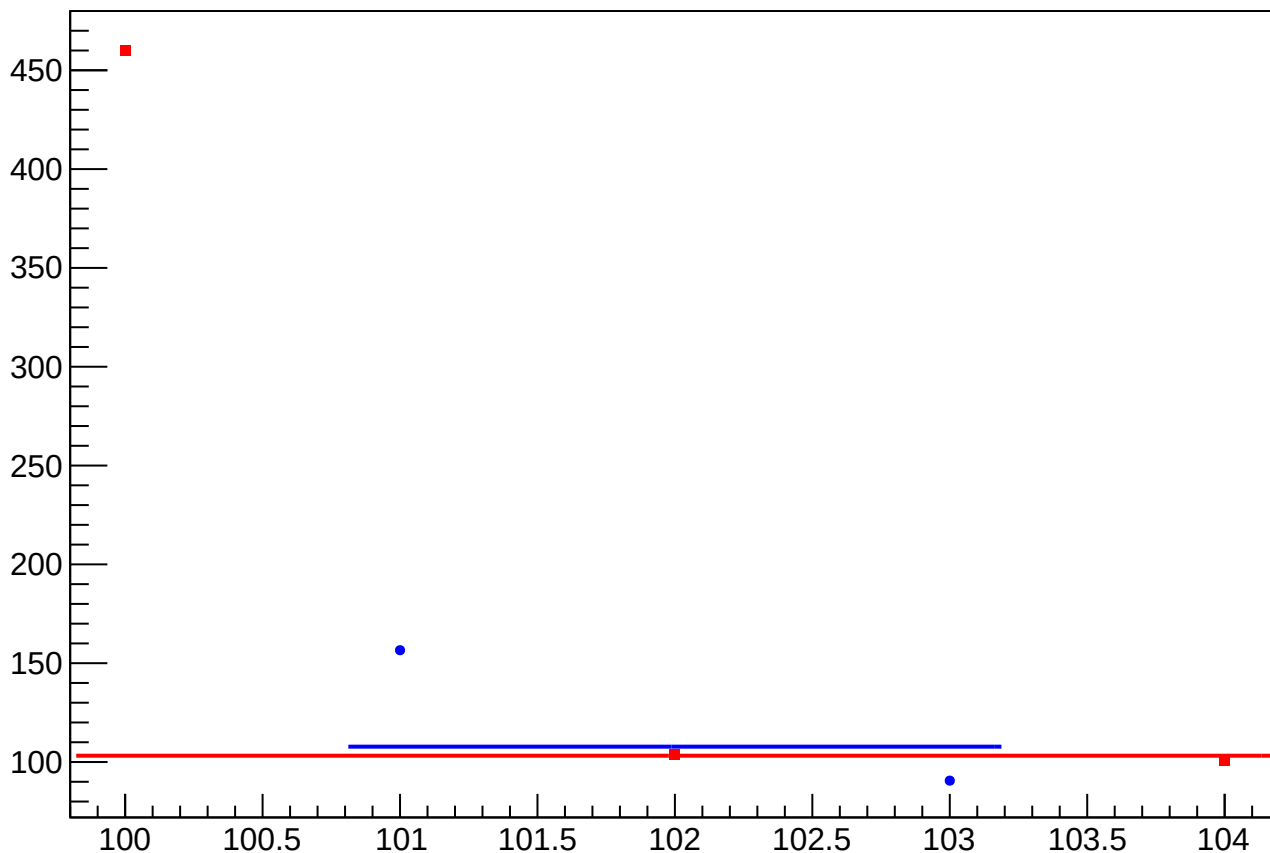
Right: -0.011 +/- 0.077 χ^2 /NDF: 2.7/4

In: 0.070 +/- 0.103 χ^2 /NDF: 0.5/1

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: -0.011 +/- 0.077 χ^2 /NDF: 2.7/4

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: 103.194+/-0.082 χ^2/NDF : 84715.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

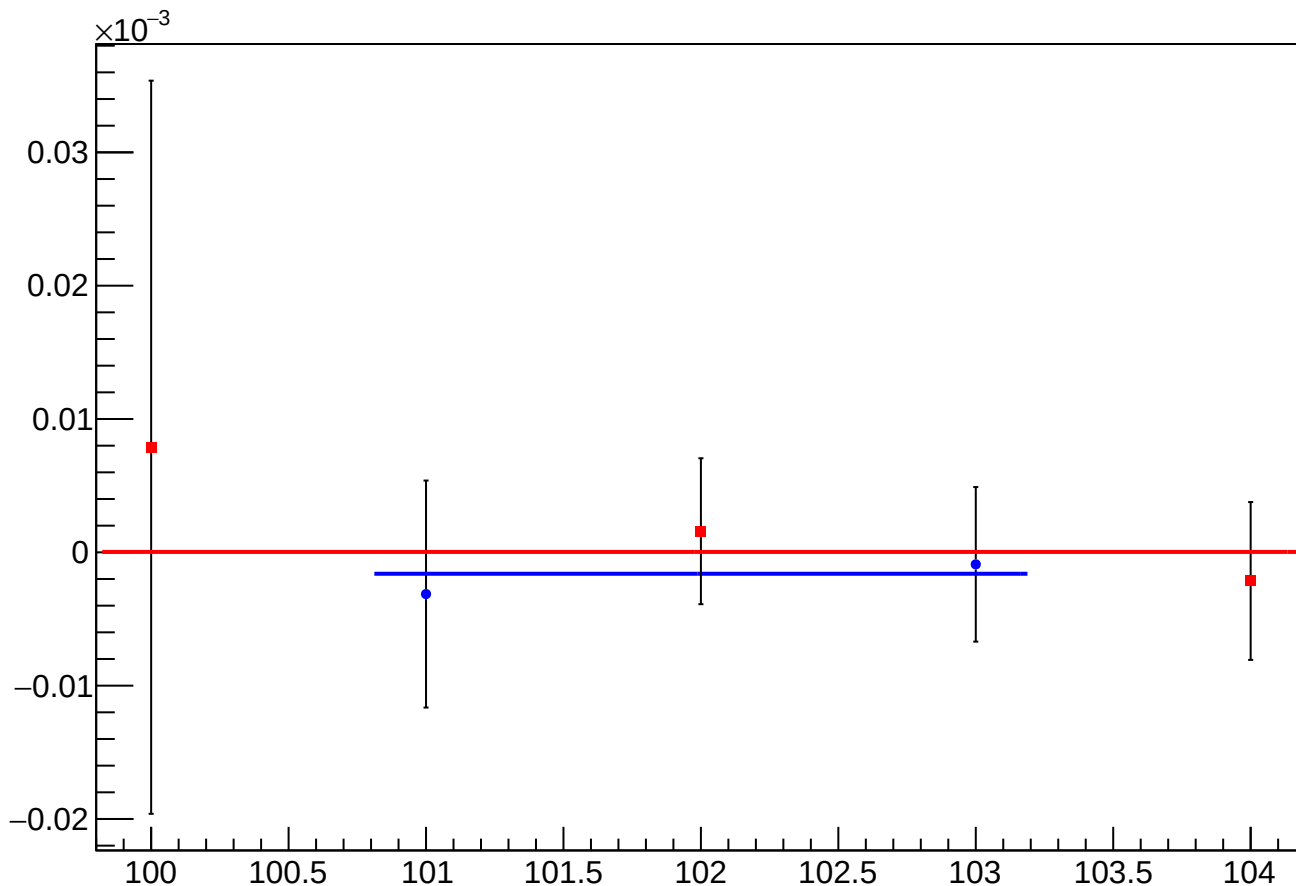
Right: 105.745+/-0.054 χ^2/NDF : 245015.9/4

In: 107.768+/-0.073 χ^2/NDF : 158551.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.745+/-0.054 χ^2/NDF : 245015.9/4

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 : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

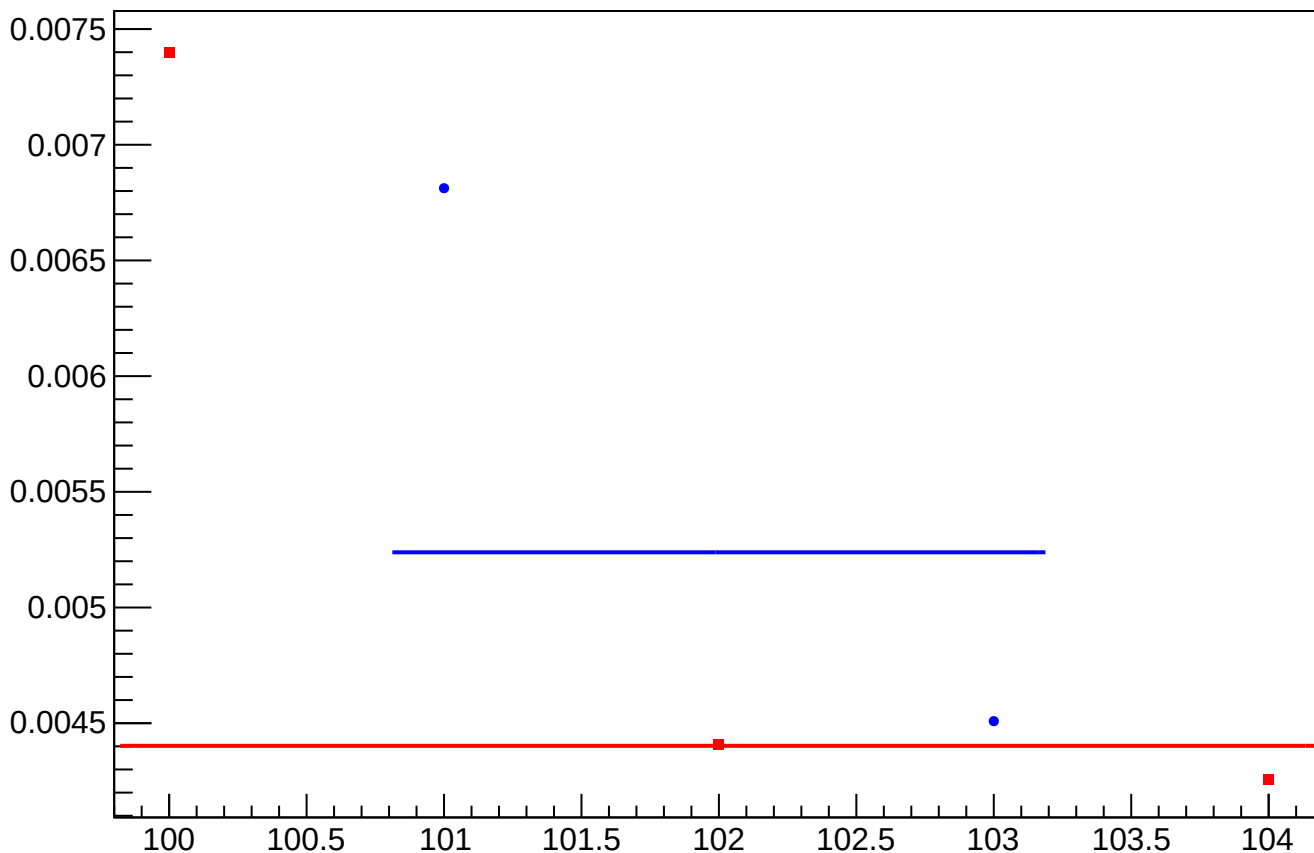
Right: -0.000+/-0.000 χ^2/NDF : 0.4/4

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 : 0.4/4

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 25014.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

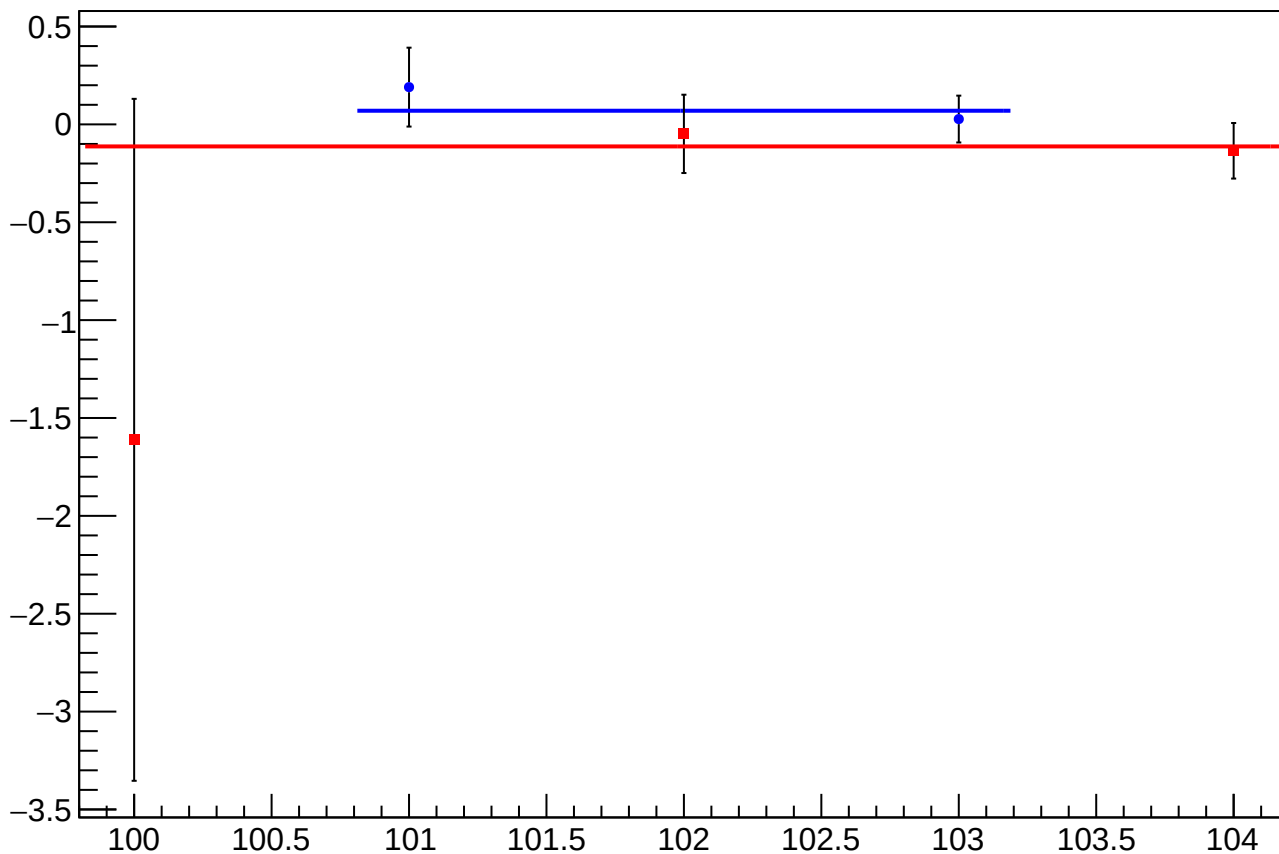
Right: 0.005+/-0.000 χ^2/NDF : 161124.8/4

In: 0.005+/-0.000 χ^2/NDF : 100027.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 161124.8/4

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: -0.113 +/- 0.116 χ^2 /NDF: 0.9/2

Left In: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

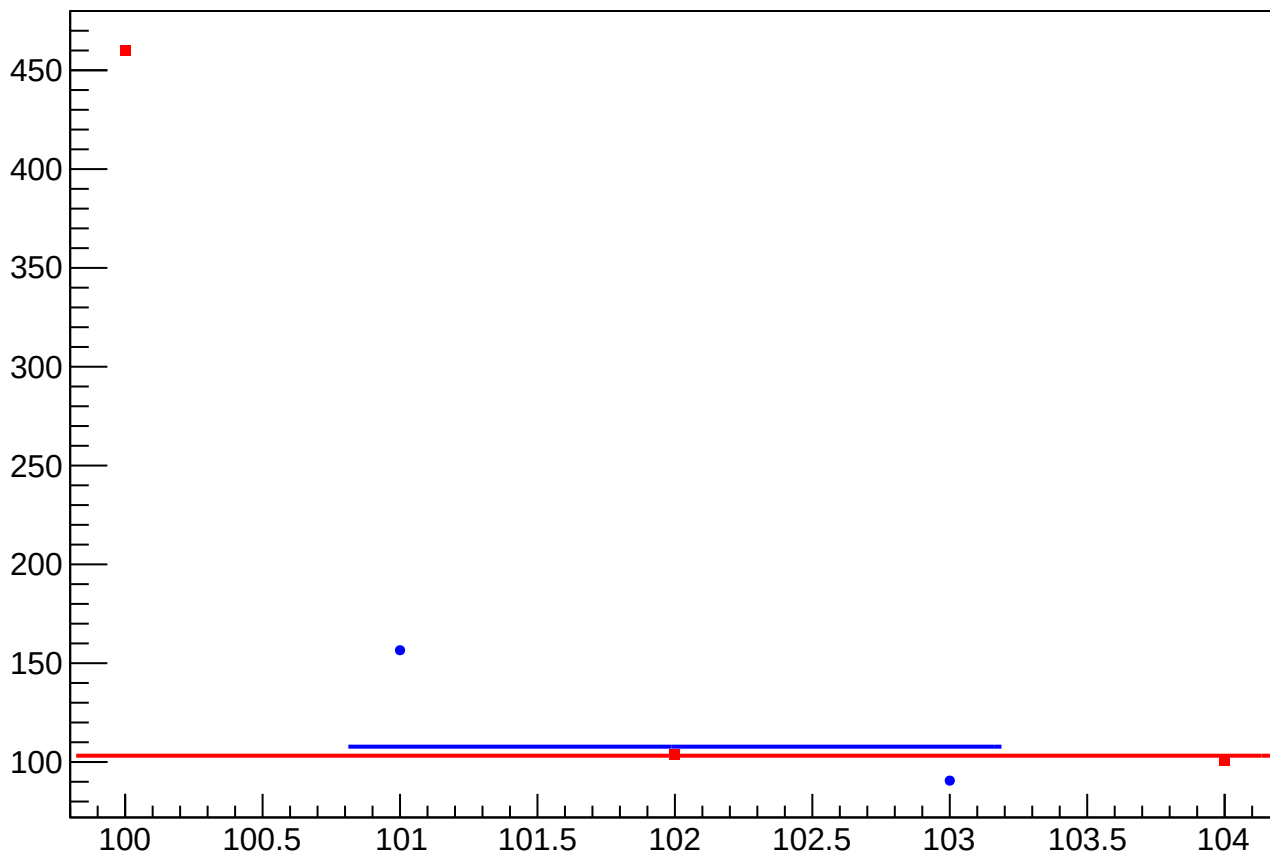
Right: -0.011 +/- 0.077 χ^2 /NDF: 2.7/4

In: 0.070 +/- 0.103 χ^2 /NDF: 0.5/1

Out: 0.000 +/- 0.000 χ^2 /NDF: 0.0/0

All: -0.011 +/- 0.077 χ^2 /NDF: 2.7/4

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: 103.196+/-0.082 χ^2/NDF : 84714.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

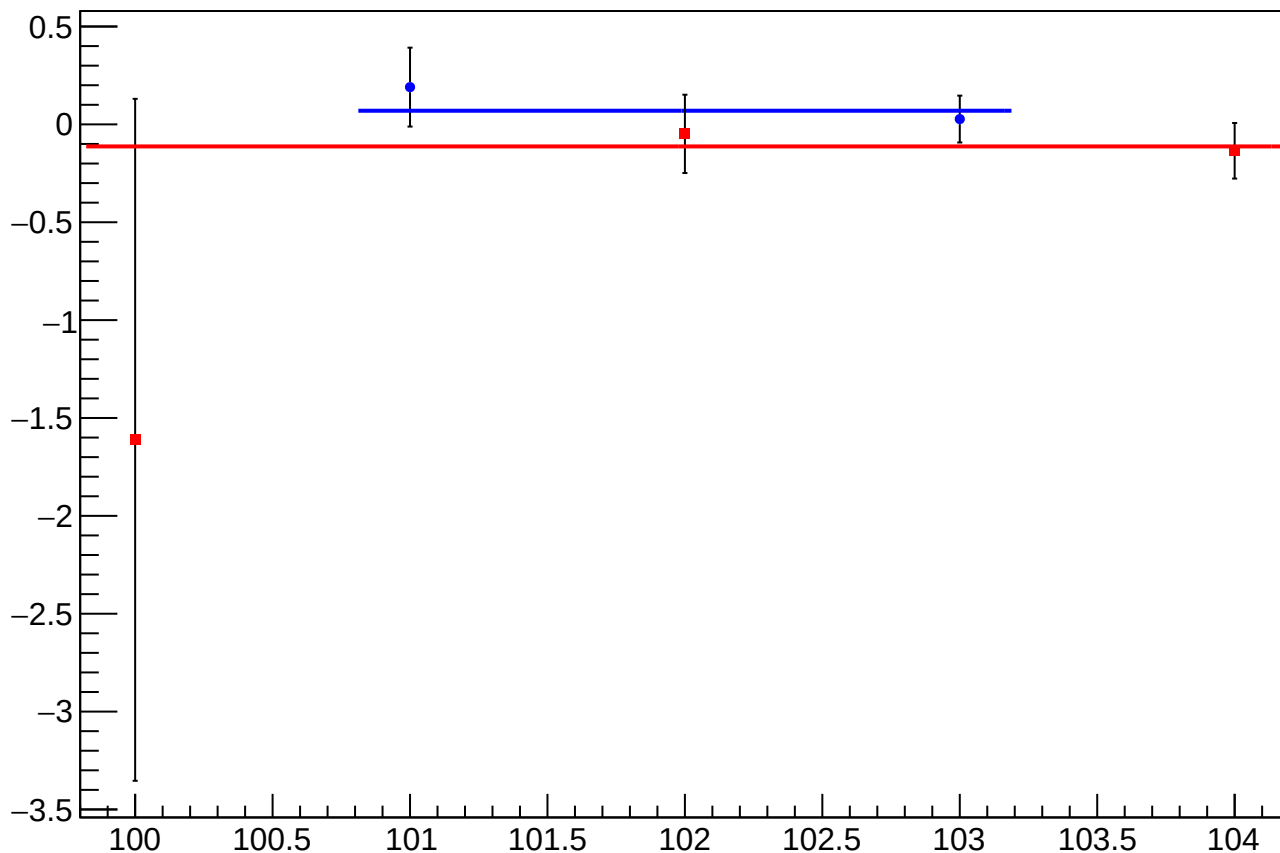
Right: 105.747+/-0.054 χ^2/NDF : 244994.3/4

In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.747+/-0.054 χ^2/NDF : 244994.3/4

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.070 $\pm$ 0.103 χ^2 /NDF: 0.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.113 $\pm$ 0.116 χ^2 /NDF: 0.9/2

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

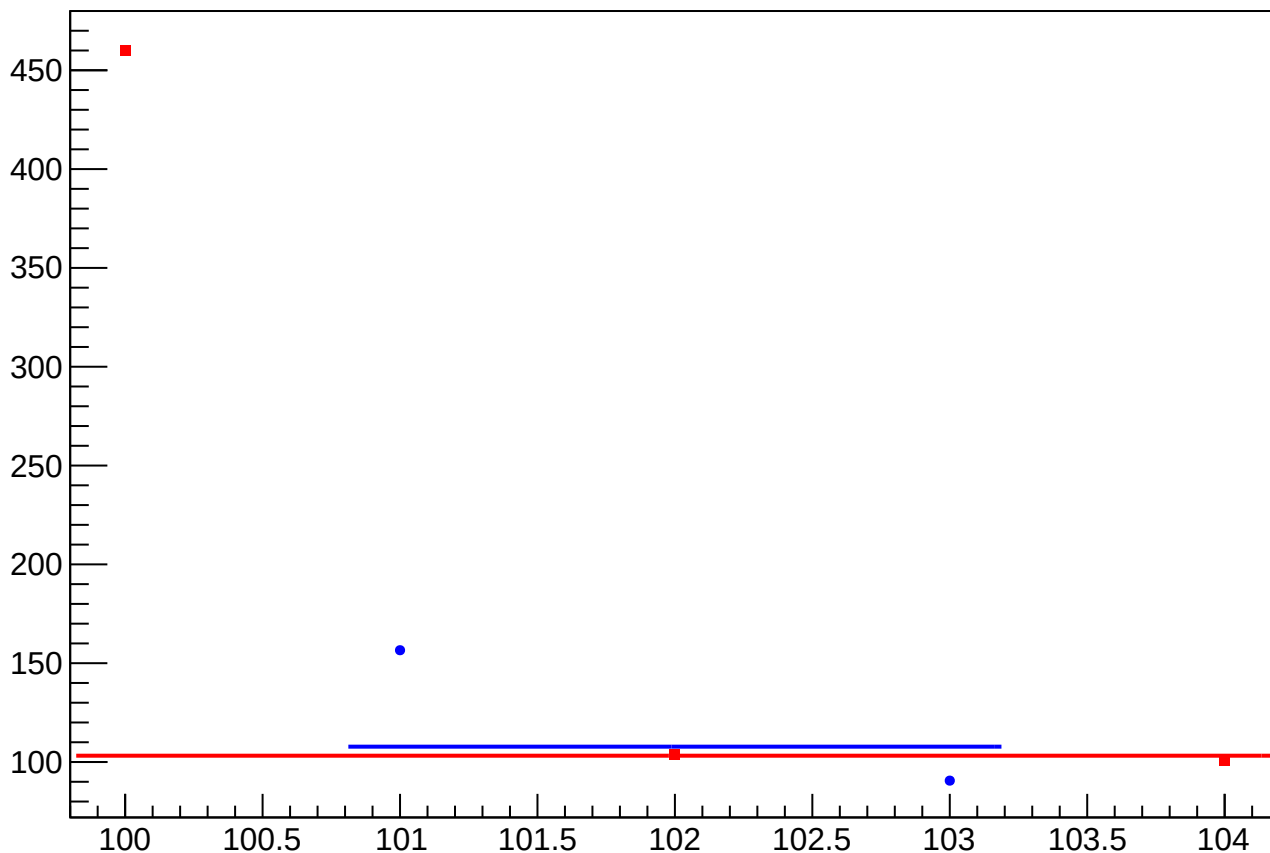
Right: -0.011 $\pm$ 0.077 χ^2 /NDF: 2.7/4

In: 0.070 $\pm$ 0.103 χ^2 /NDF:0.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.077 χ^2 /NDF: 2.7/4

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: 103.196+/-0.082 χ^2/NDF : 84714.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

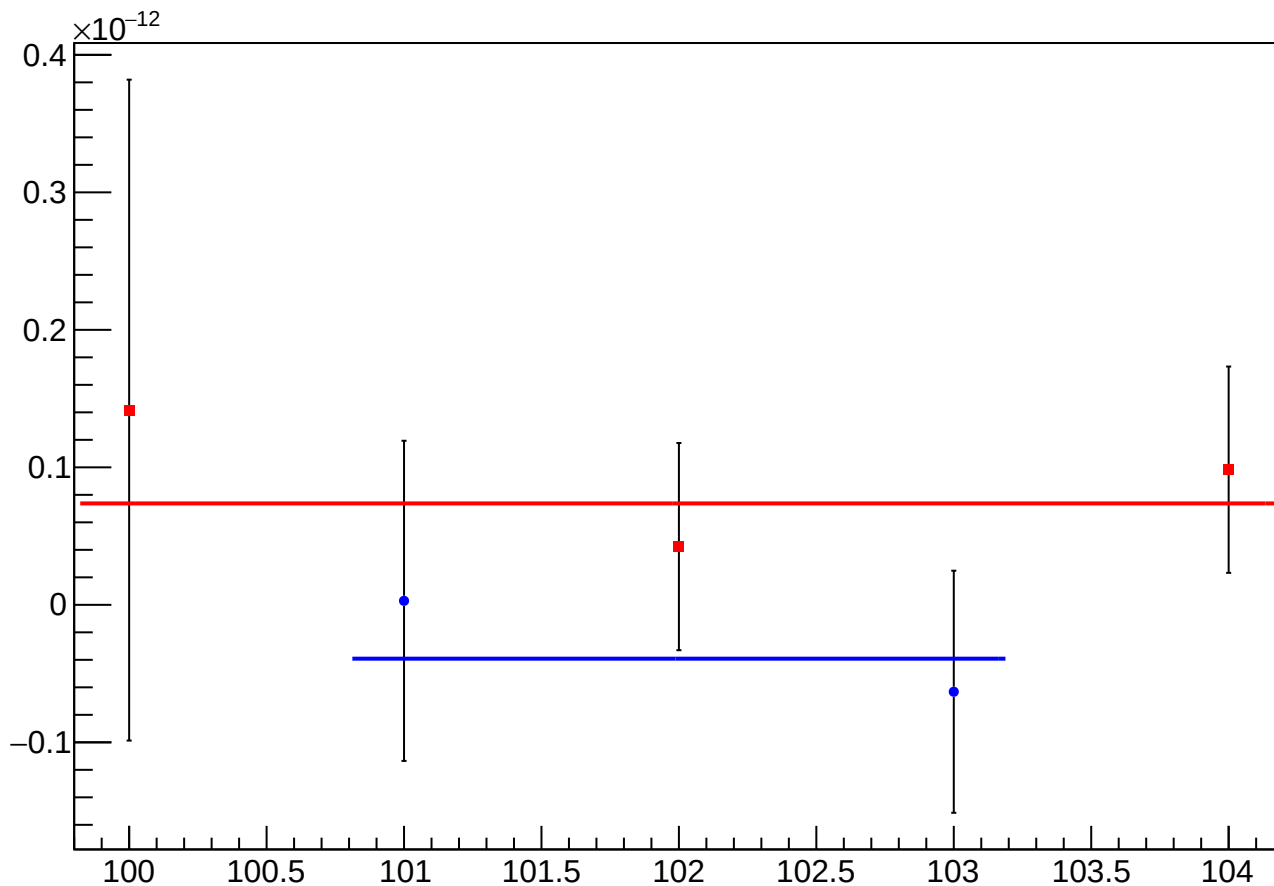
Right: 105.747+/-0.054 χ^2/NDF : 244994.3/4

In: 107.770+/-0.073 χ^2/NDF : 158530.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.747+/-0.054 χ^2/NDF : 244994.3/4

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 : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

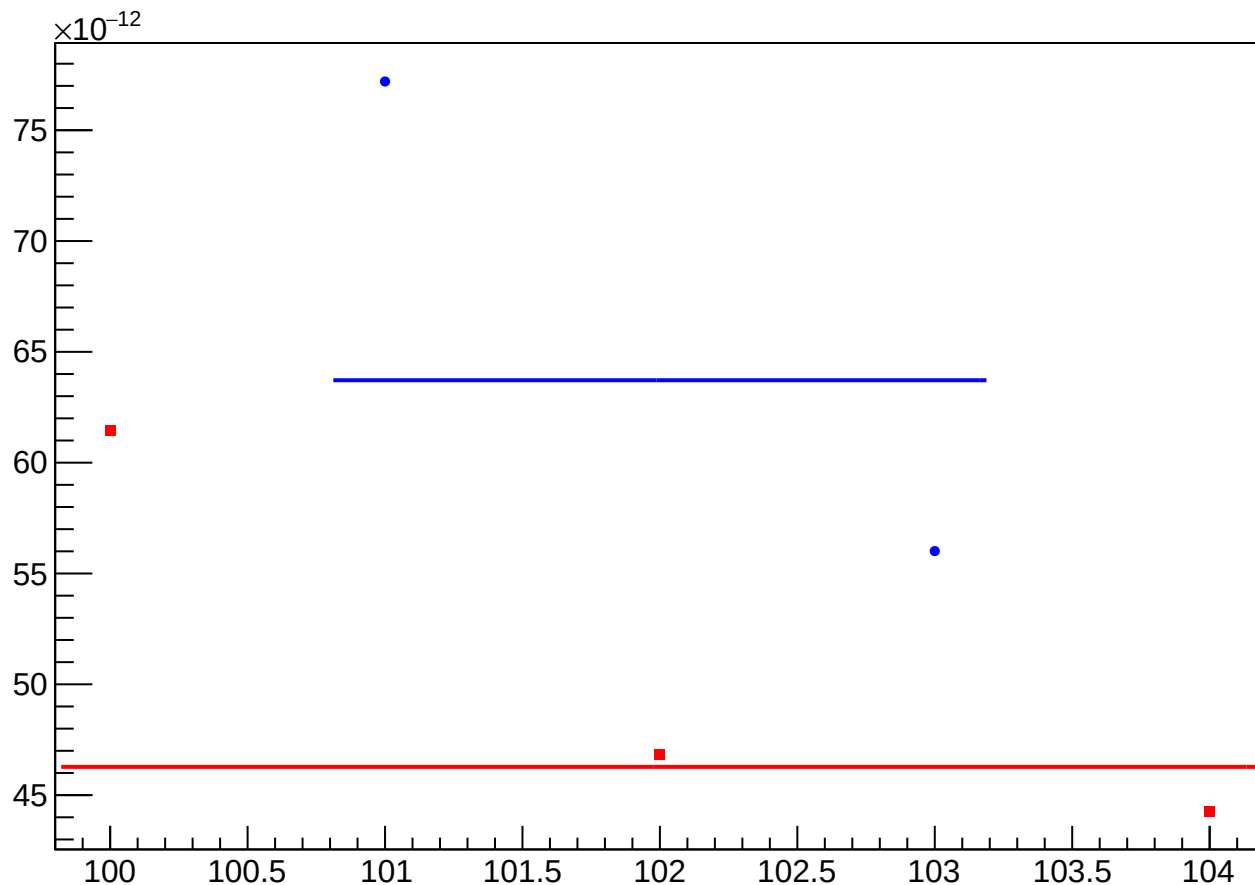
Right: 0.000+/-0.000 χ^2/NDF : 2.2/4

In: -0.000+/-0.000 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.2/4

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 42140.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9513.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

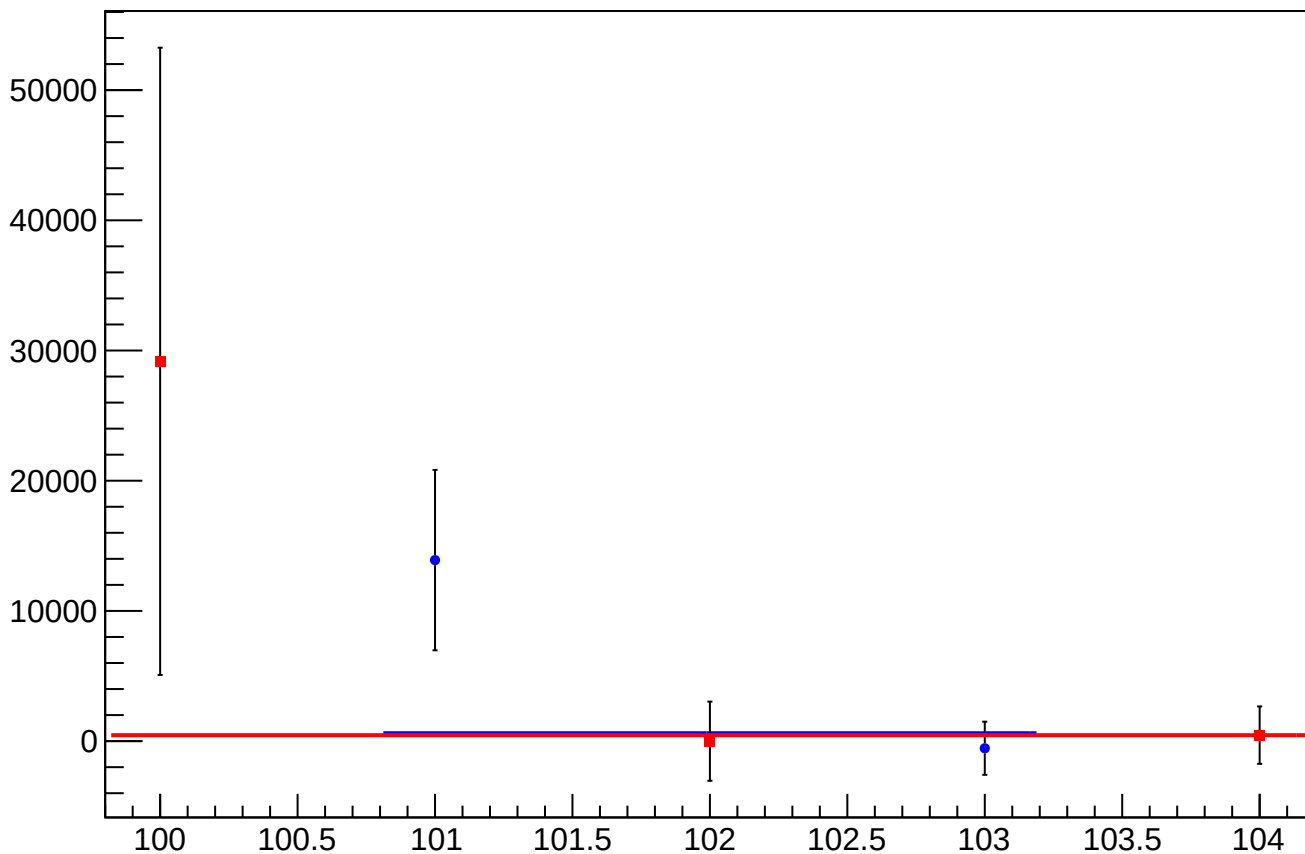
Right: 0.000+/-0.000 χ^2/NDF : 131459.2/4

In: 0.000+/-0.000 χ^2/NDF : 42140.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 131459.2/4

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: 456.344+/-1780.246 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

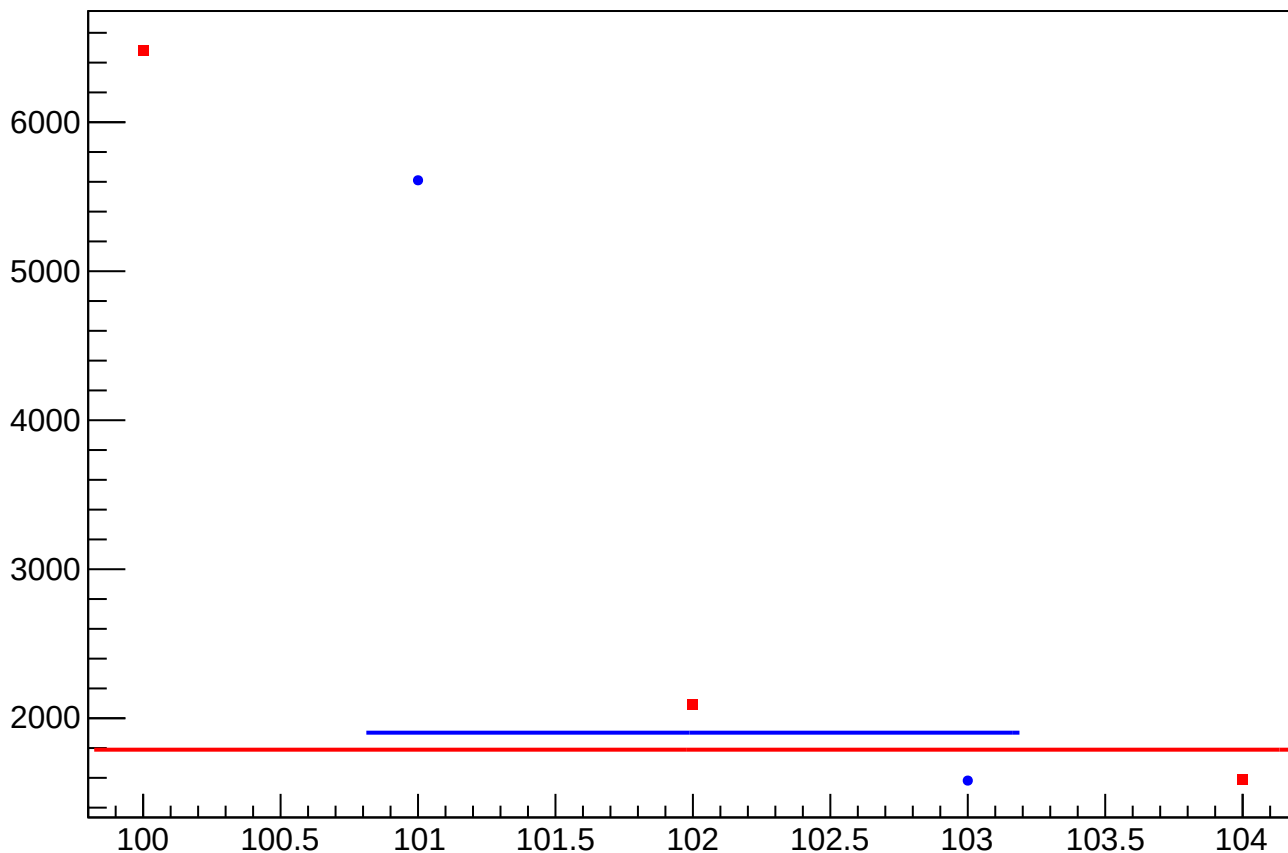
Right: 523.899+/-1317.008 χ^2/NDF : 5.4/4

In: 605.566+/-1957.392 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.899+/-1317.008 χ^2/NDF : 5.4/4

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: 1789.006+/-1.259 χ^2/NDF : 112731.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

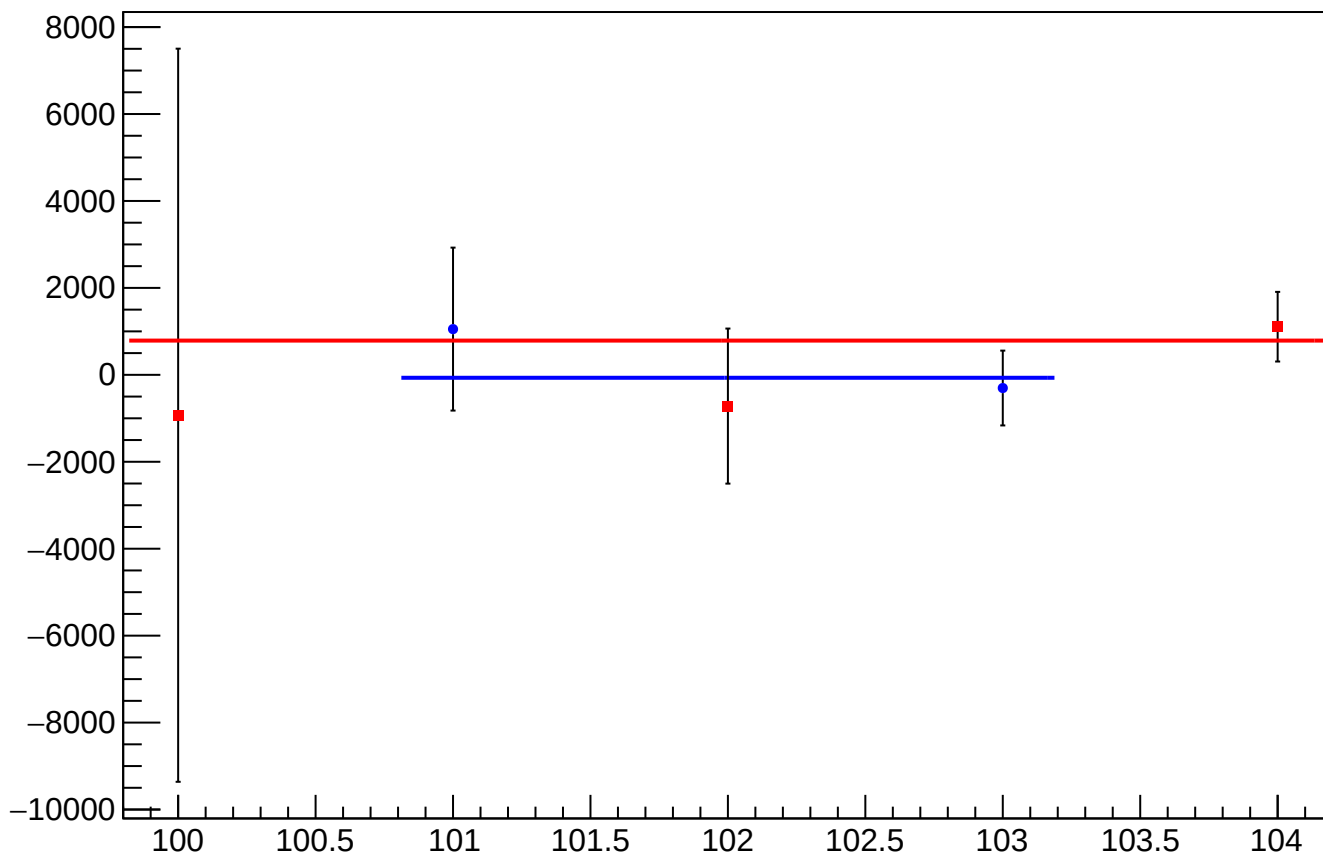
Right: 1840.677+/-0.931 χ^2/NDF : 738634.4/4

In: 1903.144+/-1.384 χ^2/NDF : 622180.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.677+/-0.931 χ^2/NDF : 738634.4/4

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -67.489 ± 782.072 $\chi^2/\text{NDF}: 0.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 787.915 ± 728.047 $\chi^2/\text{NDF}: 0.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

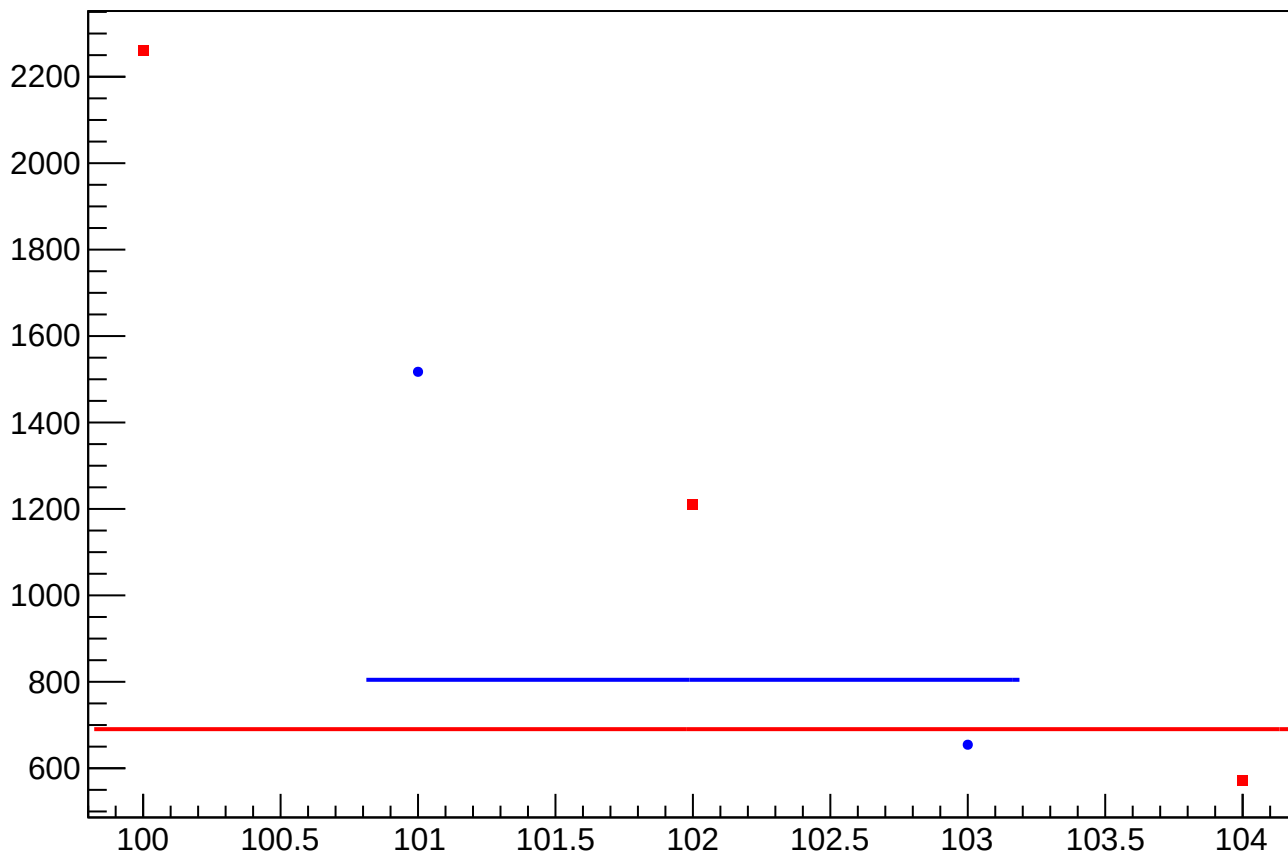
Right: 390.777 ± 532.883 $\chi^2/\text{NDF}: 2.0/4$

In: -67.489 ± 782.072 $\chi^2/\text{NDF}: 0.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 390.777 ± 532.883 $\chi^2/\text{NDF}: 2.0/4$

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: 690.449+/-0.515 χ^2/NDF : 282953.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

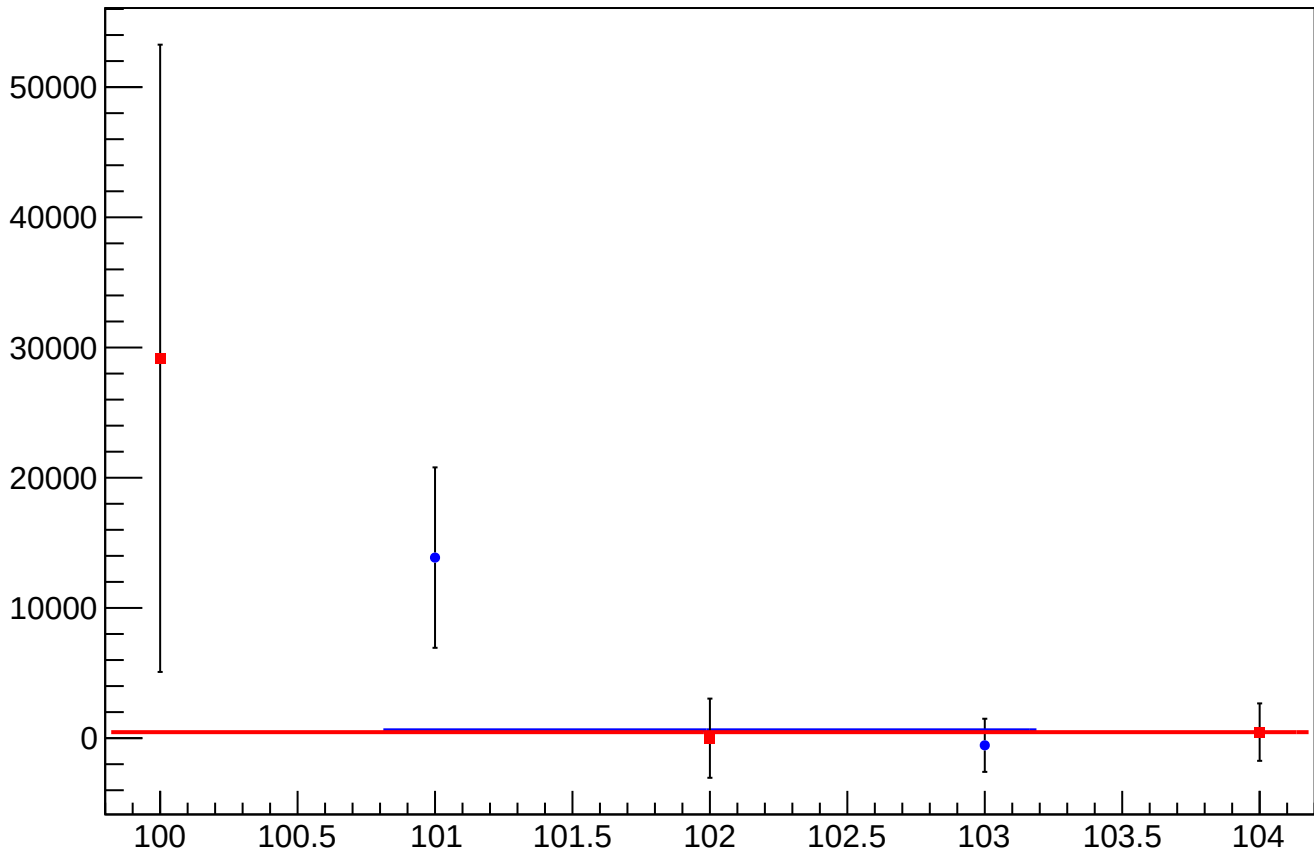
Right: 743.472+/-0.377 χ^2/NDF : 655864.3/4

In: 804.657+/-0.553 χ^2/NDF : 350061.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.472+/-0.377 χ^2/NDF : 655864.3/4

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: 460.093+/-1780.248 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

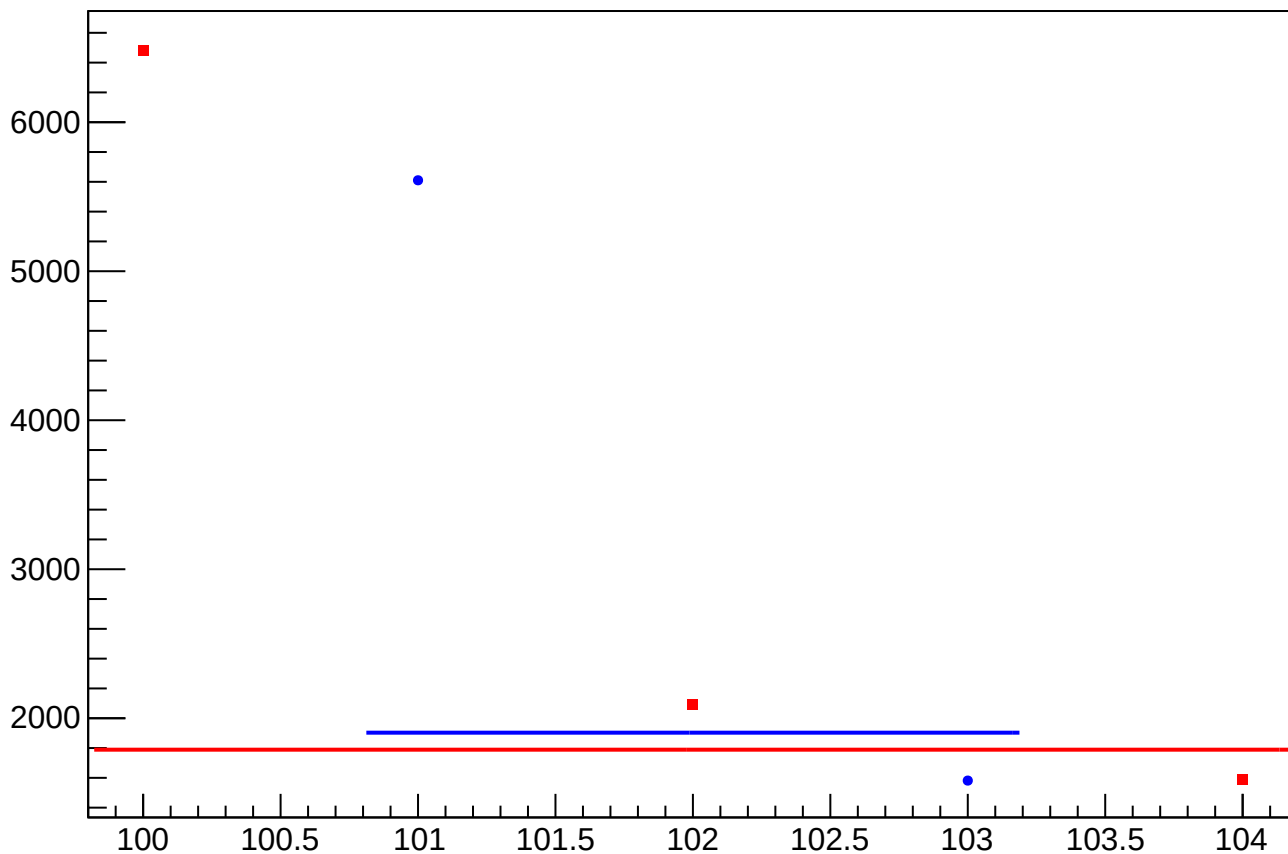
Right: 523.706+/-1317.009 χ^2/NDF : 5.4/4

In: 600.608+/-1957.395 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 523.706+/-1317.009 χ^2/NDF : 5.4/4

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: 1789.006+/-1.259 χ^2/NDF : 112730.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

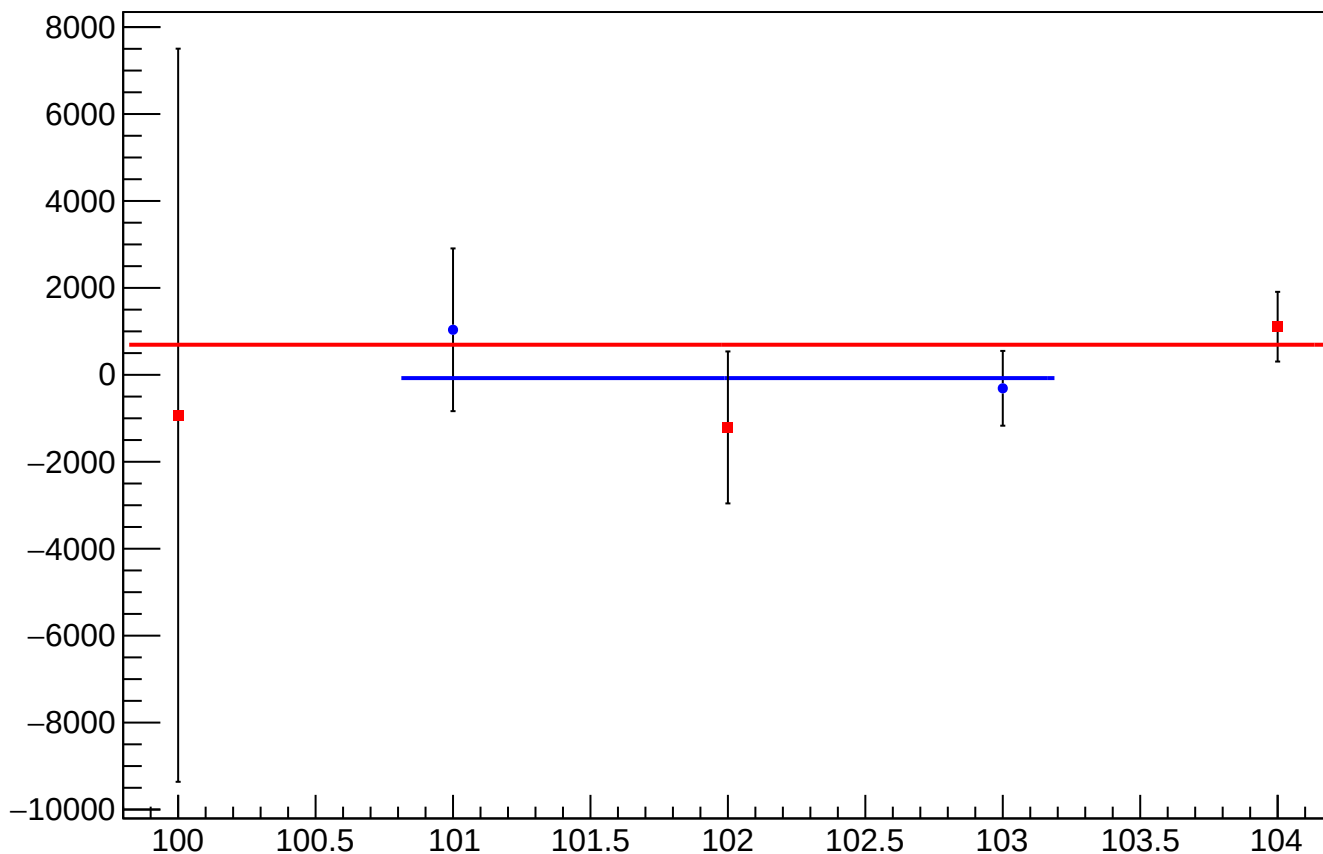
Right: 1840.677+/-0.931 χ^2/NDF : 738633.0/4

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.677+/-0.931 χ^2/NDF : 738633.0/4

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 692.576+/-726.161 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

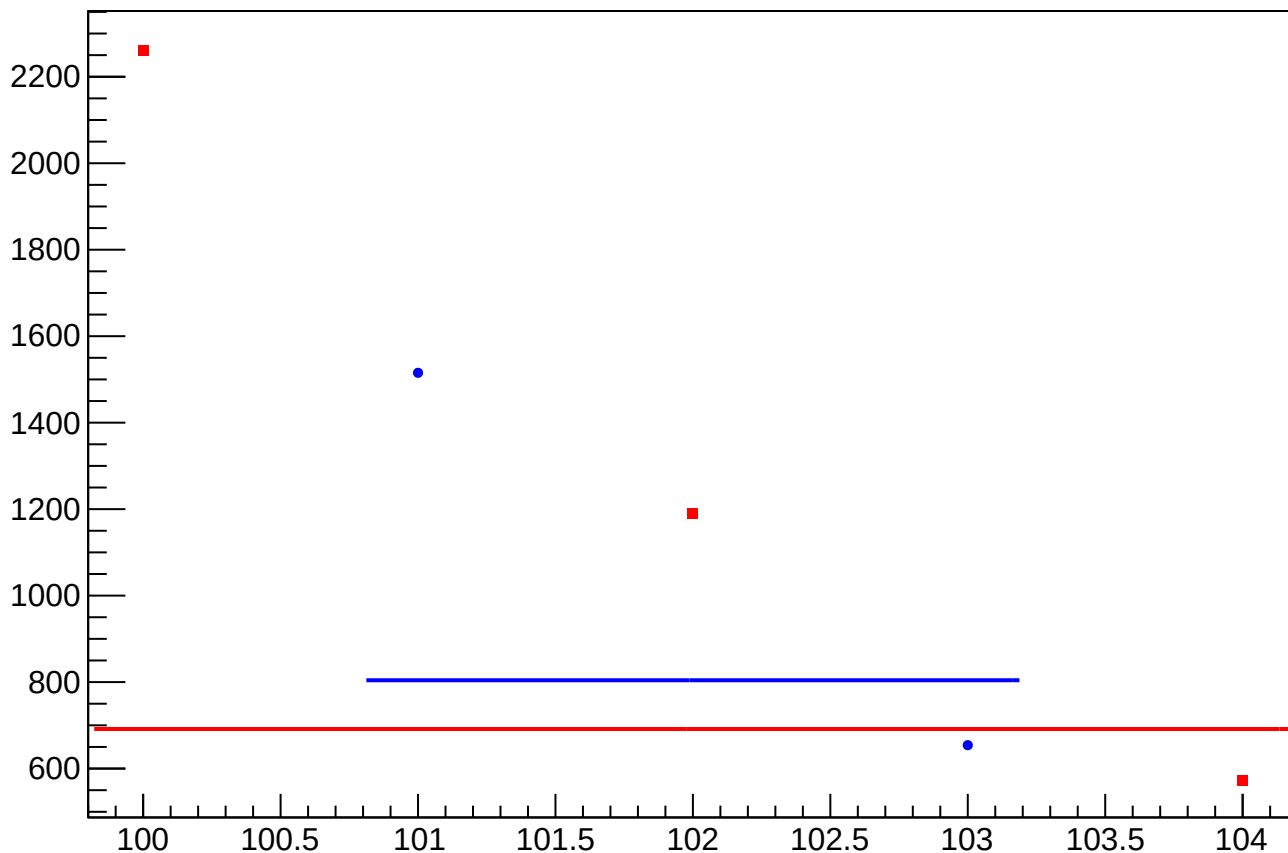
Right: 336.874+/-531.972 χ^2/NDF : 2.4/4

In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.874+/-531.972 χ^2/NDF : 2.4/4

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: 691.533+/-0.513 χ^2/NDF : 276699.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

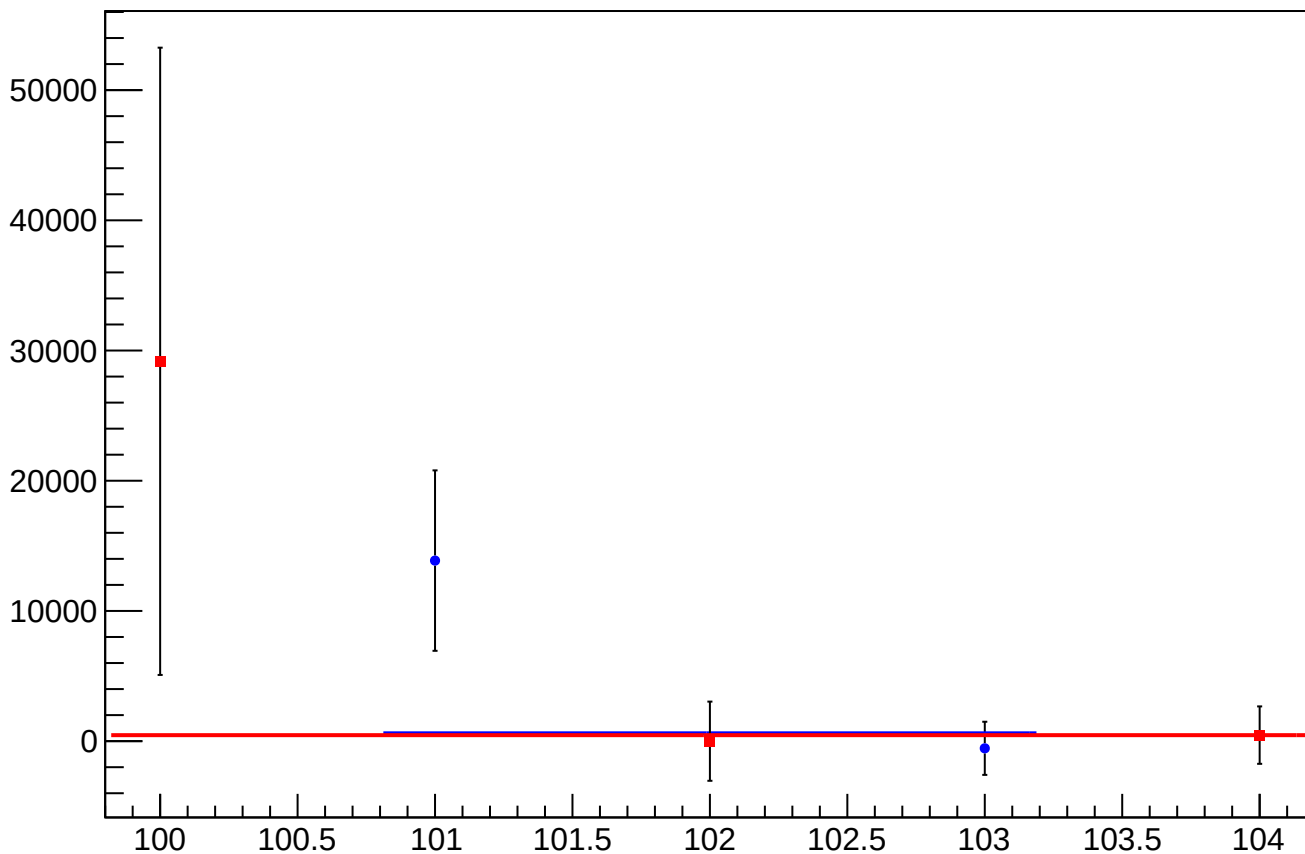
Right: 743.761+/-0.376 χ^2/NDF : 648563.9/4

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.761+/-0.376 χ^2/NDF : 648563.9/4

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: 460.093 +/- 1780.248 χ^2/NDF : 1.4/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

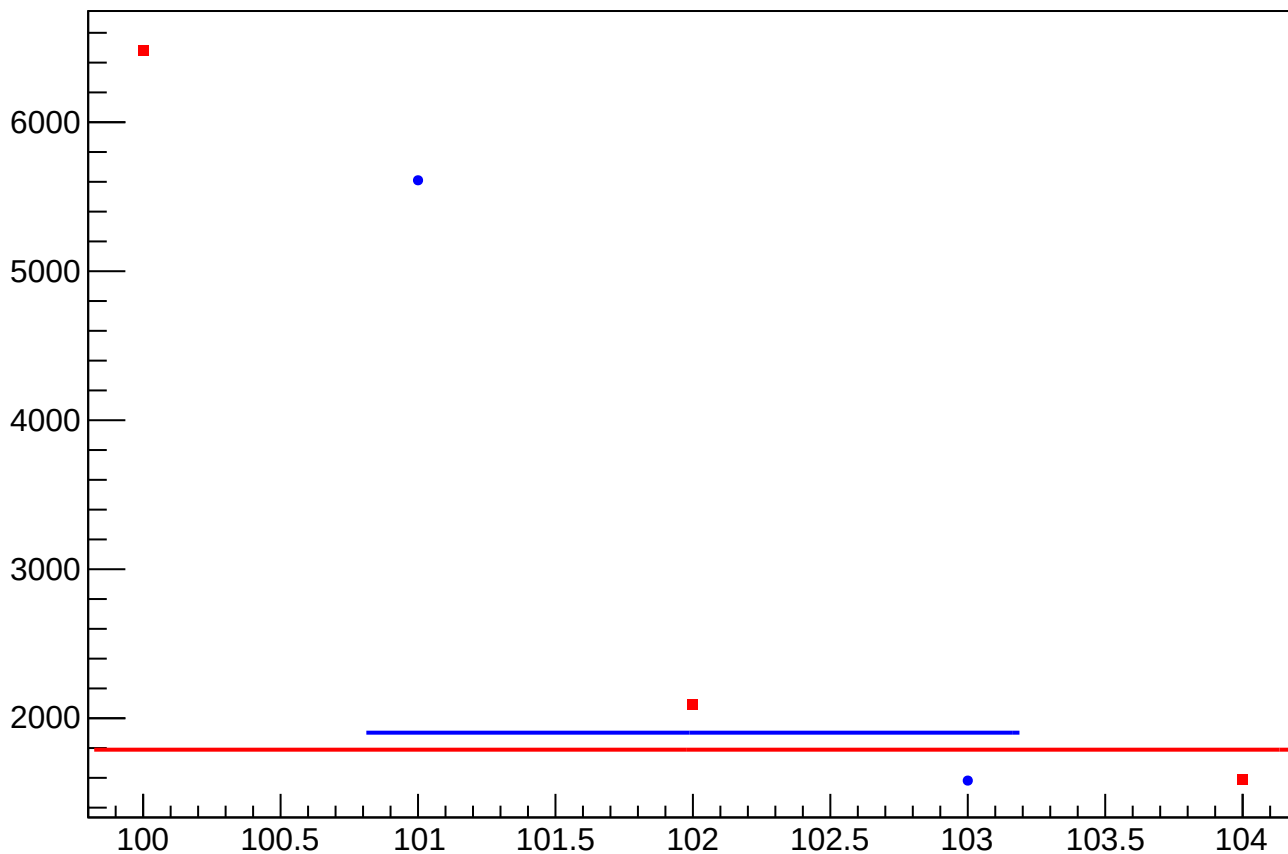
Right: 523.706 +/- 1317.009 χ^2/NDF : 5.4/4

In: 600.608 +/- 1957.395 χ^2/NDF : 4.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 523.706 +/- 1317.009 χ^2/NDF : 5.4/4

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: 1789.006+/-1.259 χ^2/NDF : 112730.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

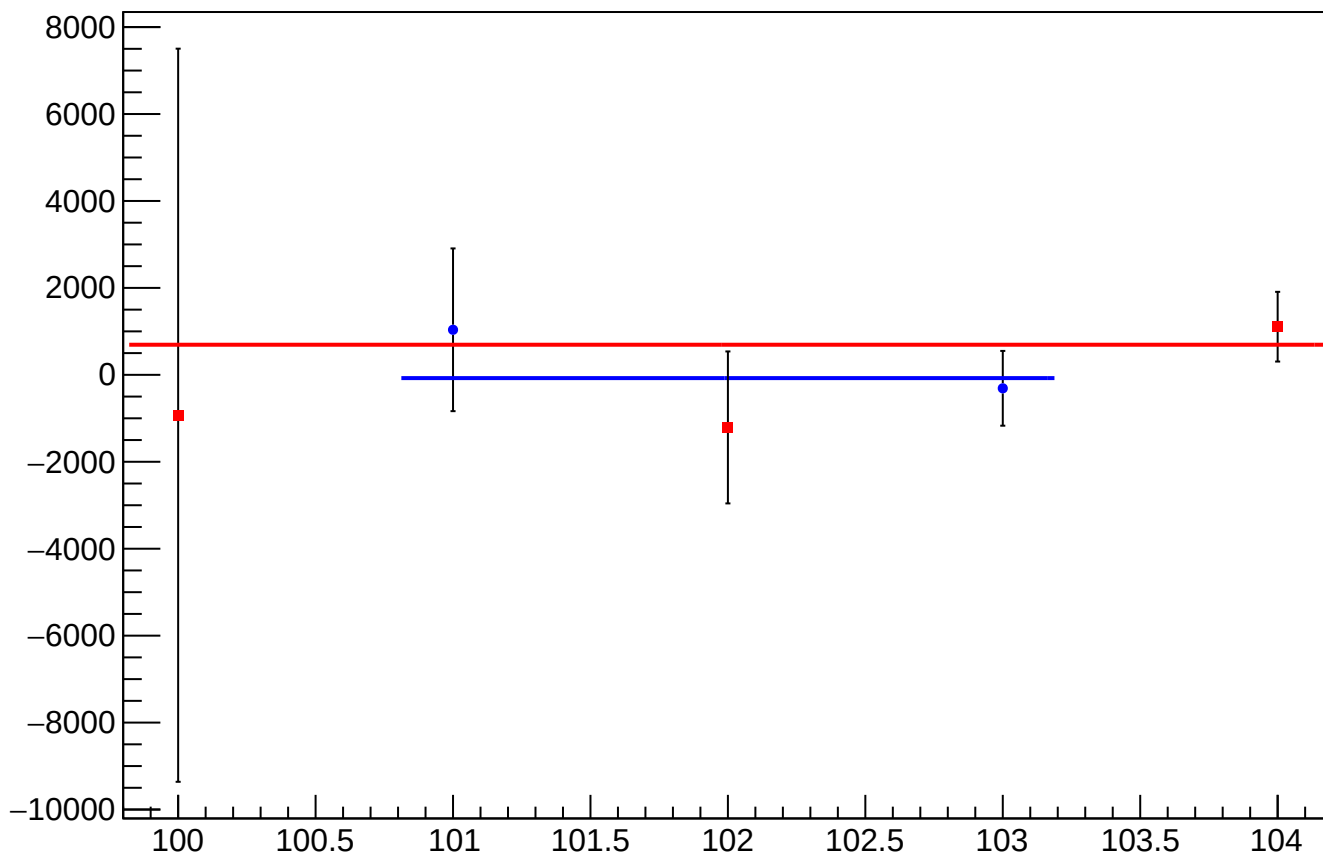
Right: 1840.677+/-0.931 χ^2/NDF : 738633.0/4

In: 1903.145+/-1.384 χ^2/NDF : 622180.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.677+/-0.931 χ^2/NDF : 738633.0/4

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 692.576+/-726.161 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

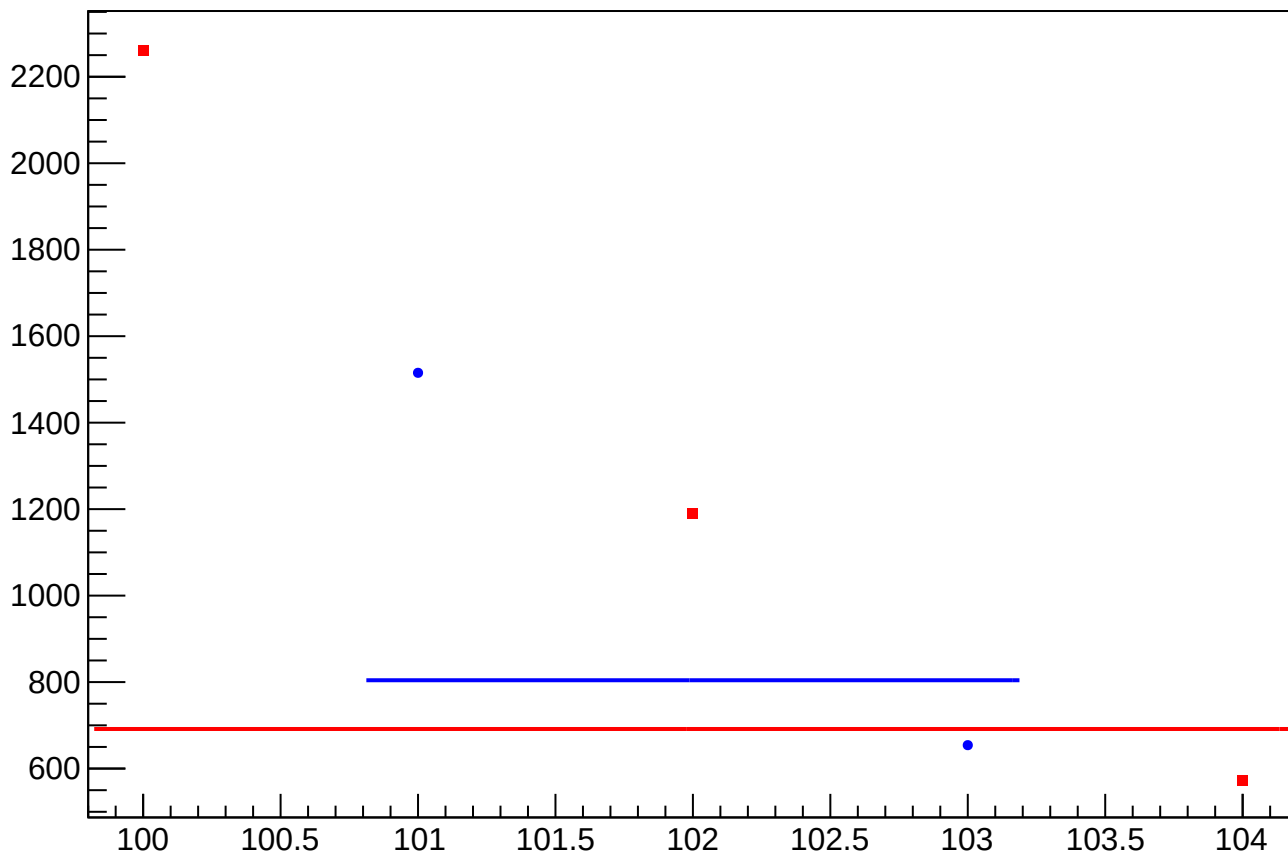
Right: 336.874+/-531.972 χ^2/NDF : 2.4/4

In: -75.140+/-781.531 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.874+/-531.972 χ^2/NDF : 2.4/4

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: 691.533+/-0.513 χ^2/NDF : 276699.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

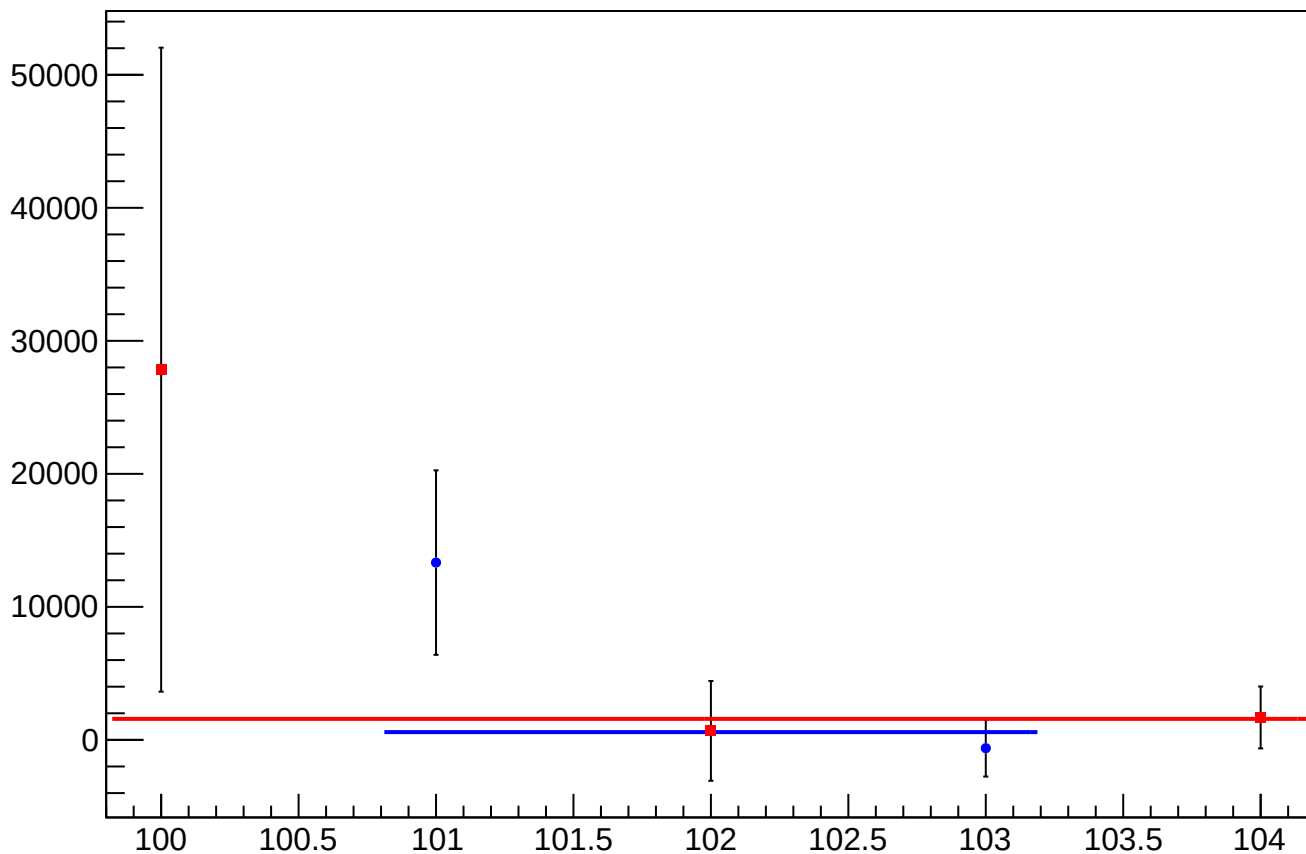
Right: 743.761+/-0.376 χ^2/NDF : 648563.9/4

In: 804.256+/-0.553 χ^2/NDF : 349535.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 743.761+/-0.376 χ^2/NDF : 648563.9/4

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: 1580.224+/-1971.093 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

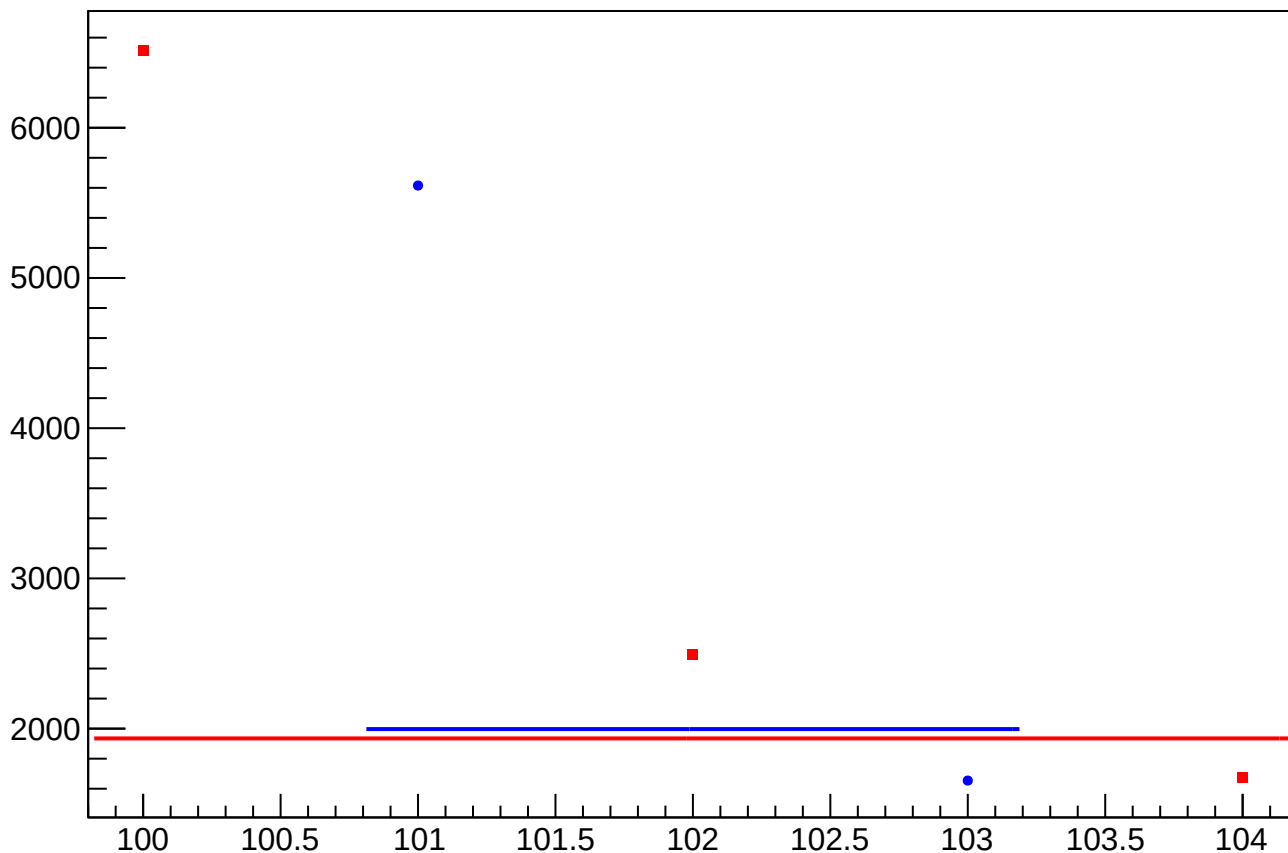
Right: 1099.161+/-1417.497 χ^2/NDF : 5.1/4

In: 583.891+/-2039.968 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.161+/-1417.497 χ^2/NDF : 5.1/4

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: 1934.761+/-1.394 χ^2/NDF : 141054.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

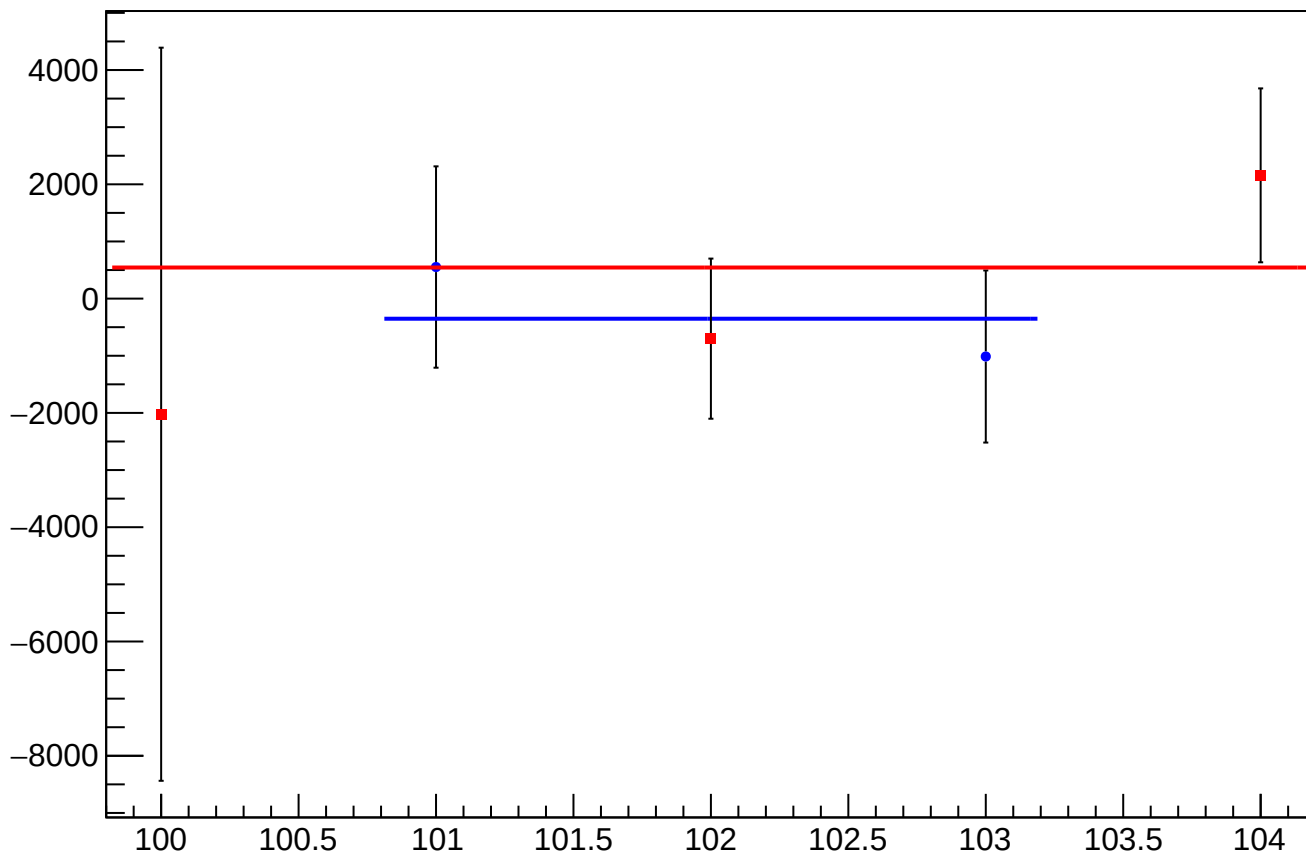
Right: 1964.781+/-1.002 χ^2/NDF : 738052.3/4

In: 1996.937+/-1.442 χ^2/NDF : 596037.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.781+/-1.002 χ^2/NDF : 738052.3/4

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: 544.078+/-1017.616 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

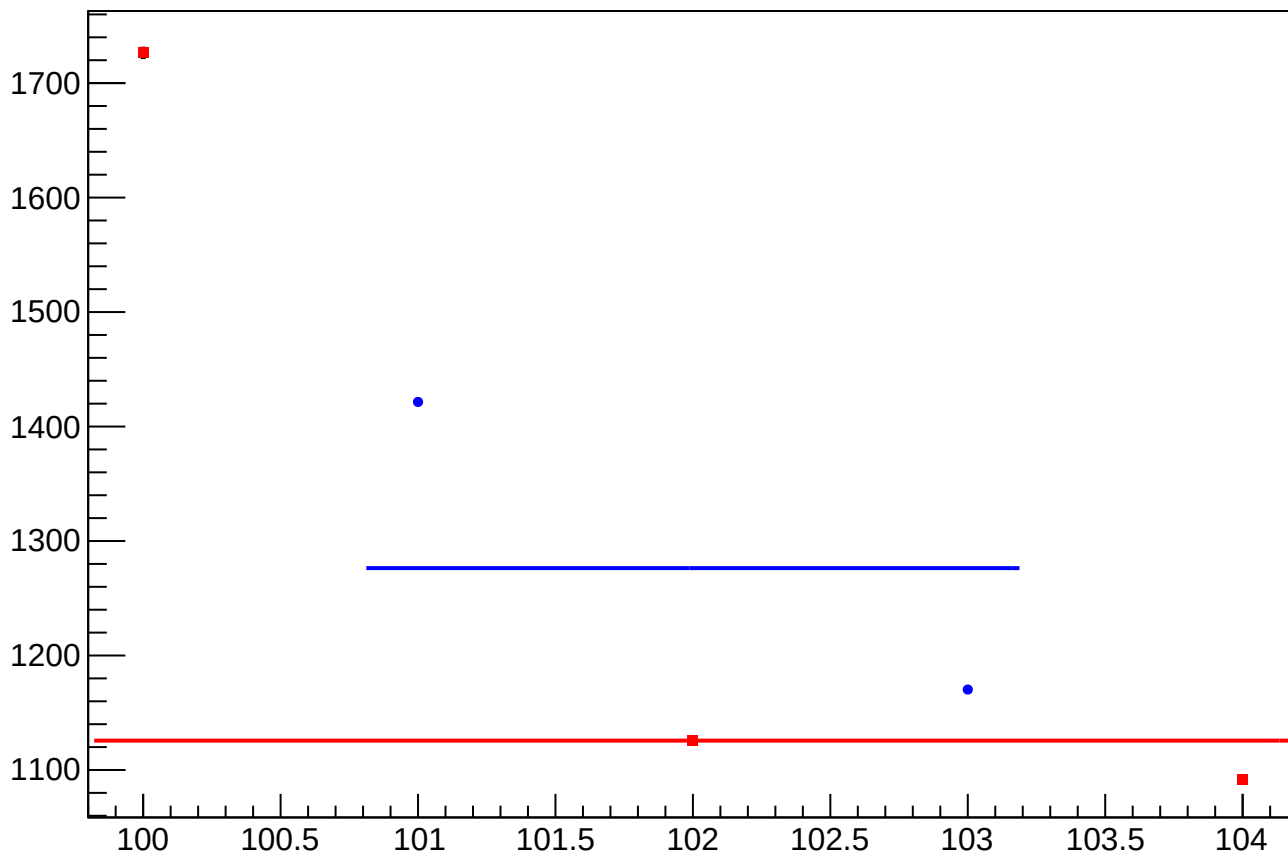
Right: 148.529+/-760.531 χ^2/NDF : 2.9/4

In: -351.954+/-1144.664 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.529+/-760.531 χ^2/NDF : 2.9/4

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1276.329 $\pm$ 0.809 χ^2 /NDF: 23502.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1125.658 $\pm$ 0.720 χ^2 /NDF: 18544.5/2

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

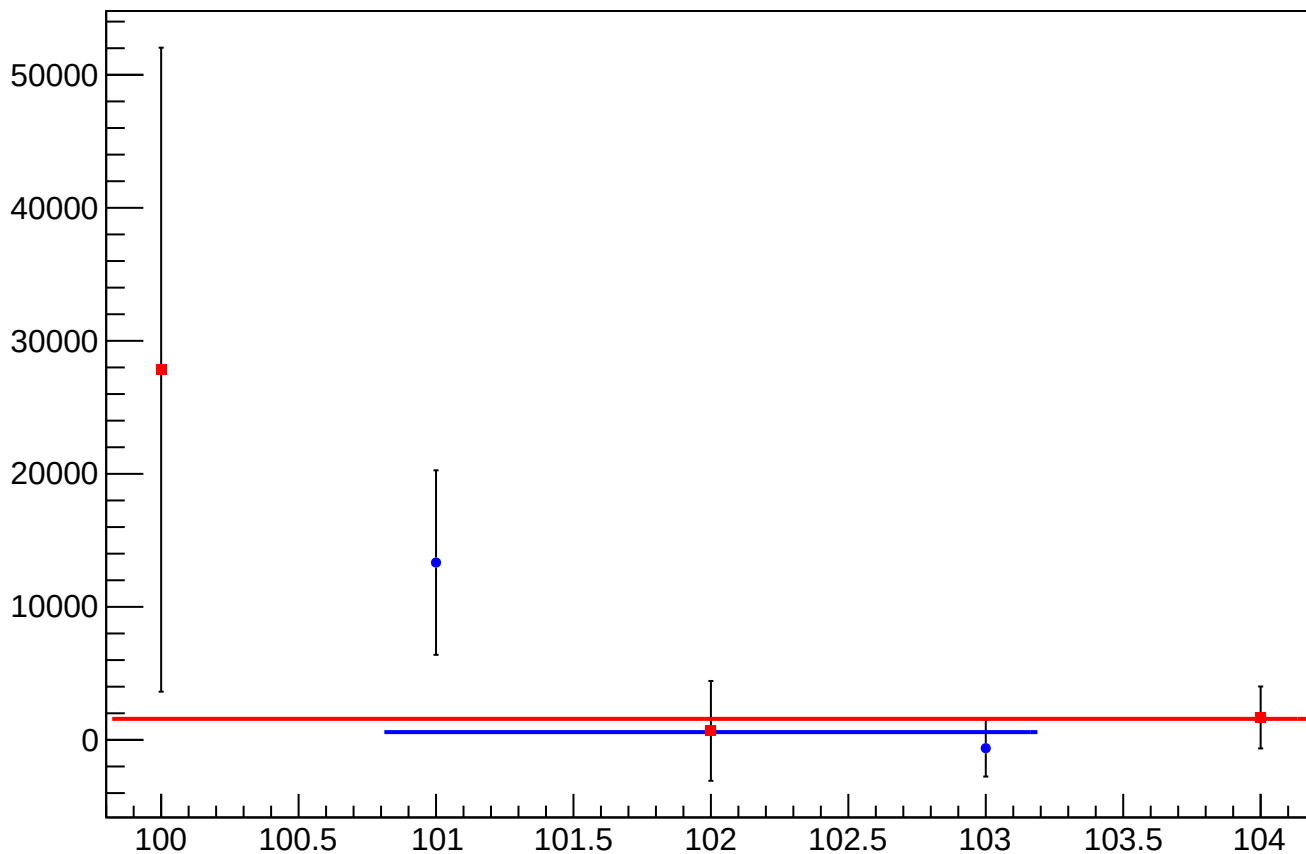
Right: 1192.171 $\pm$ 0.538 χ^2 /NDF: 61402.6/4

In: 1276.329 $\pm$ 0.809 χ^2 /NDF: 23502.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1192.171 $\pm$ 0.538 χ^2 /NDF: 61402.6/4

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: 1580.210+/-1971.092 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

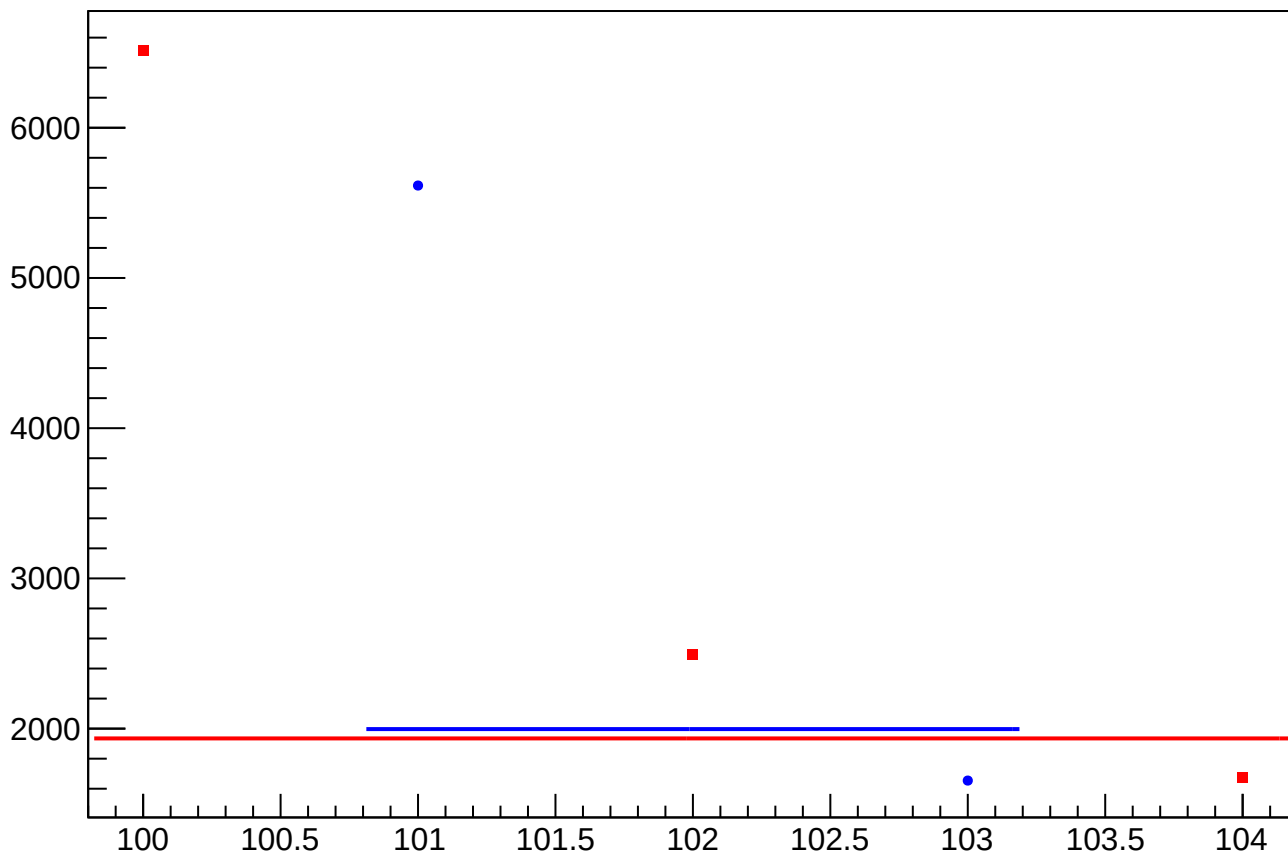
Right: 1099.151+/-1417.496 χ^2/NDF : 5.1/4

In: 583.885+/-2039.967 χ^2/NDF :3.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1099.151+/-1417.496 χ^2/NDF : 5.1/4

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: 1934.760+/-1.394 χ^2/NDF : 141054.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

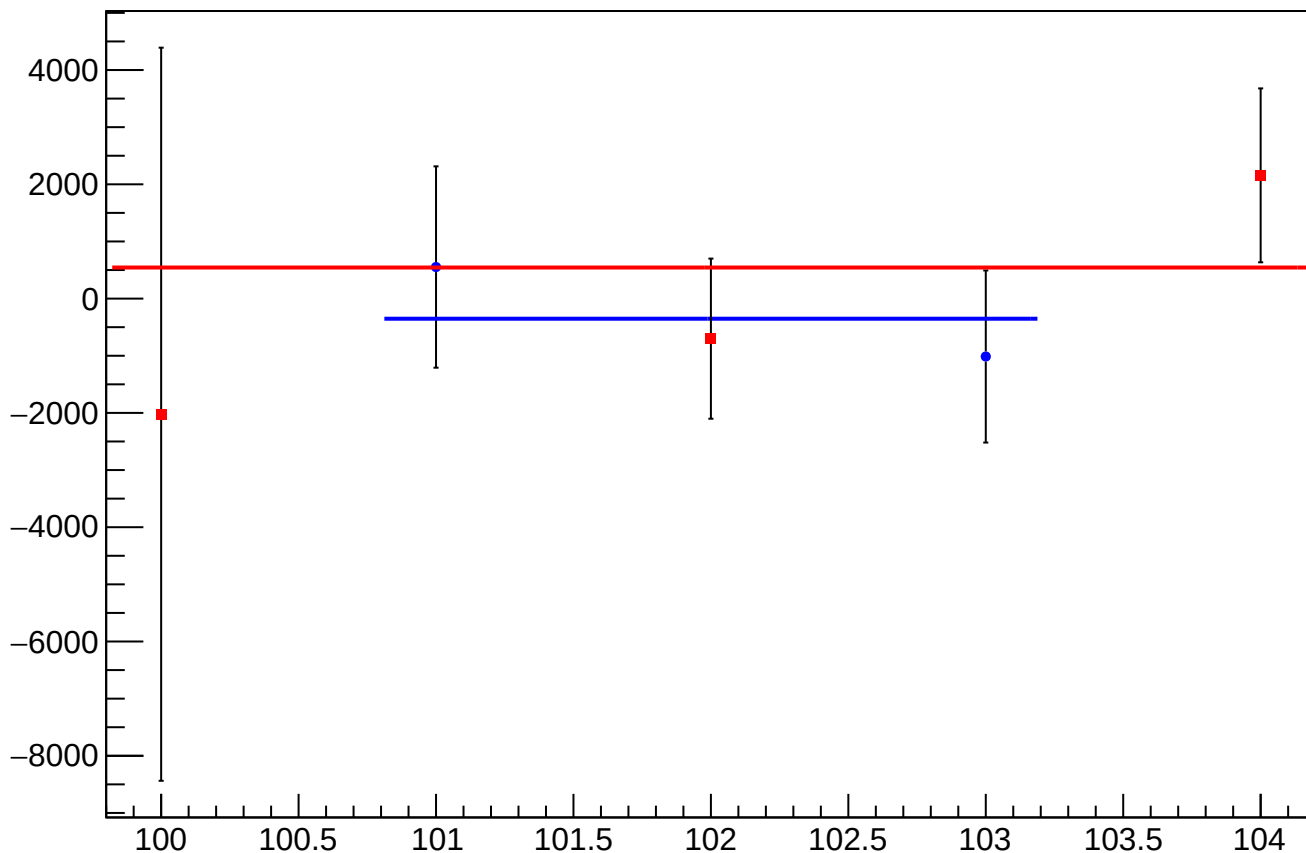
Right: 1964.780+/-1.002 χ^2/NDF : 738052.7/4

In: 1996.936+/-1.442 χ^2/NDF : 596037.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.780+/-1.002 χ^2/NDF : 738052.7/4

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: 544.074 $\pm$ 1017.614 χ^2 /NDF: 2.1/2

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

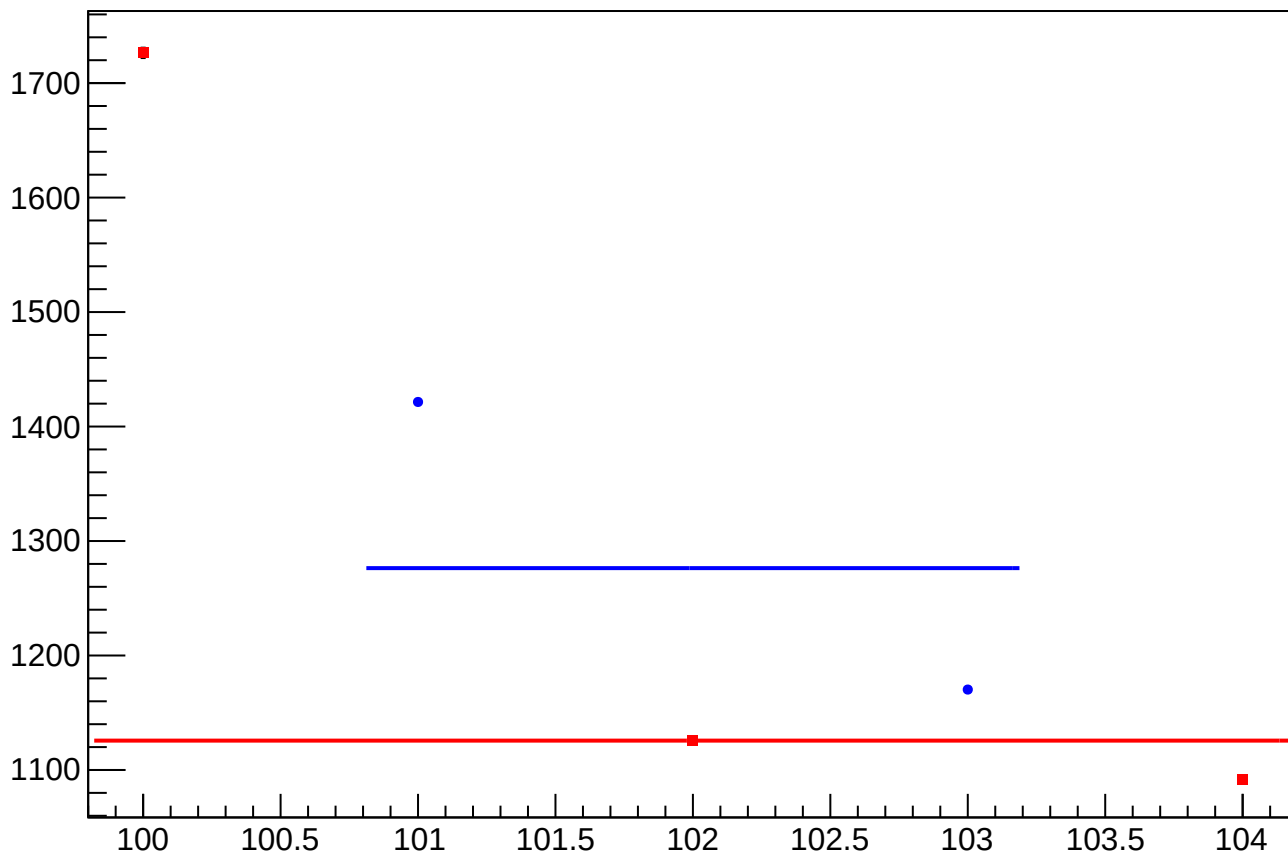
Right: 148.526 $\pm$ 760.529 χ^2 /NDF: 2.9/4

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: 148.526 $\pm$ 760.529 χ^2 /NDF: 2.9/4

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: 1125.656+/-0.720 χ^2/NDF : 18544.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

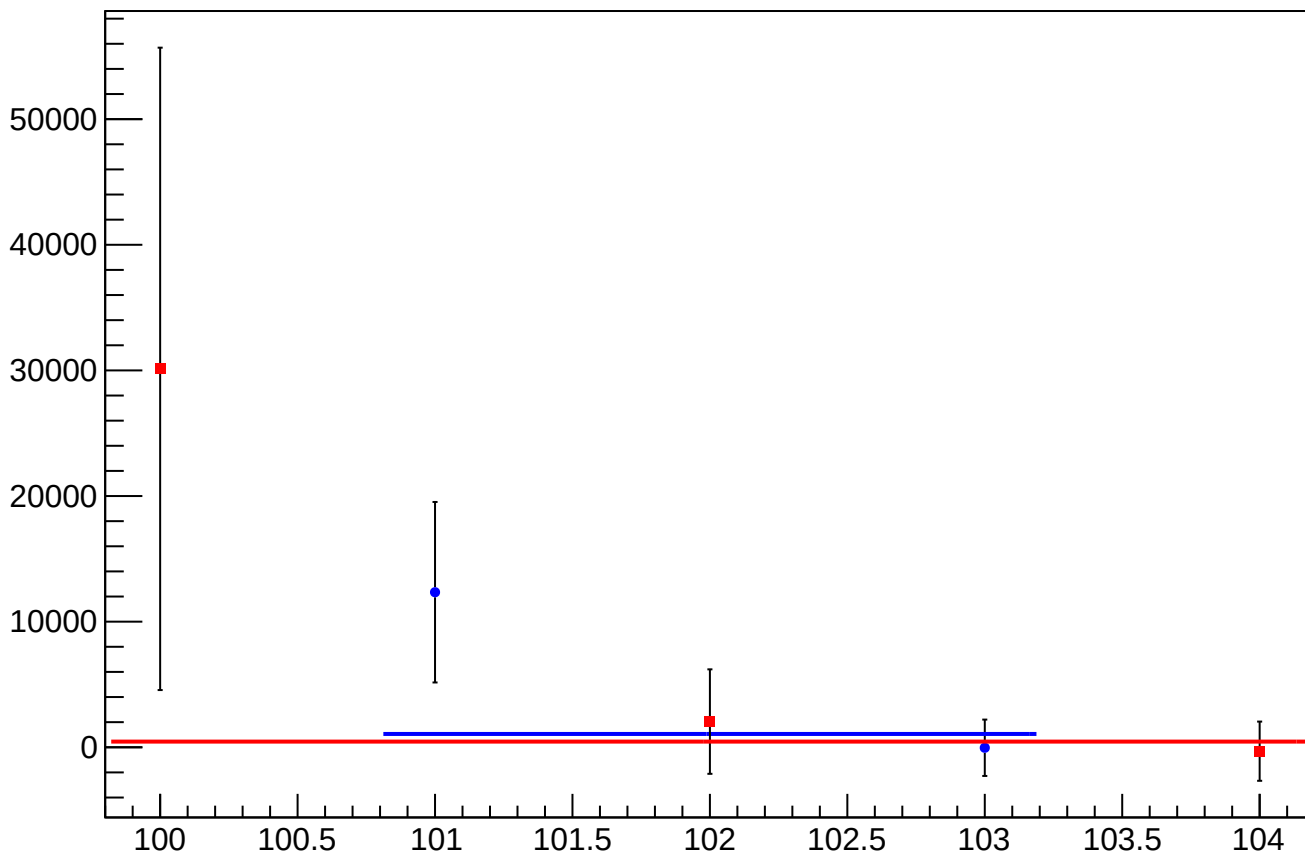
Right: 1192.169+/-0.538 χ^2/NDF : 61402.9/4

In: 1276.327+/-0.809 χ^2/NDF : 23502.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1192.169+/-0.538 χ^2/NDF : 61402.9/4

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: 452.706+/-2043.692 χ^2 /NDF: 1.6/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

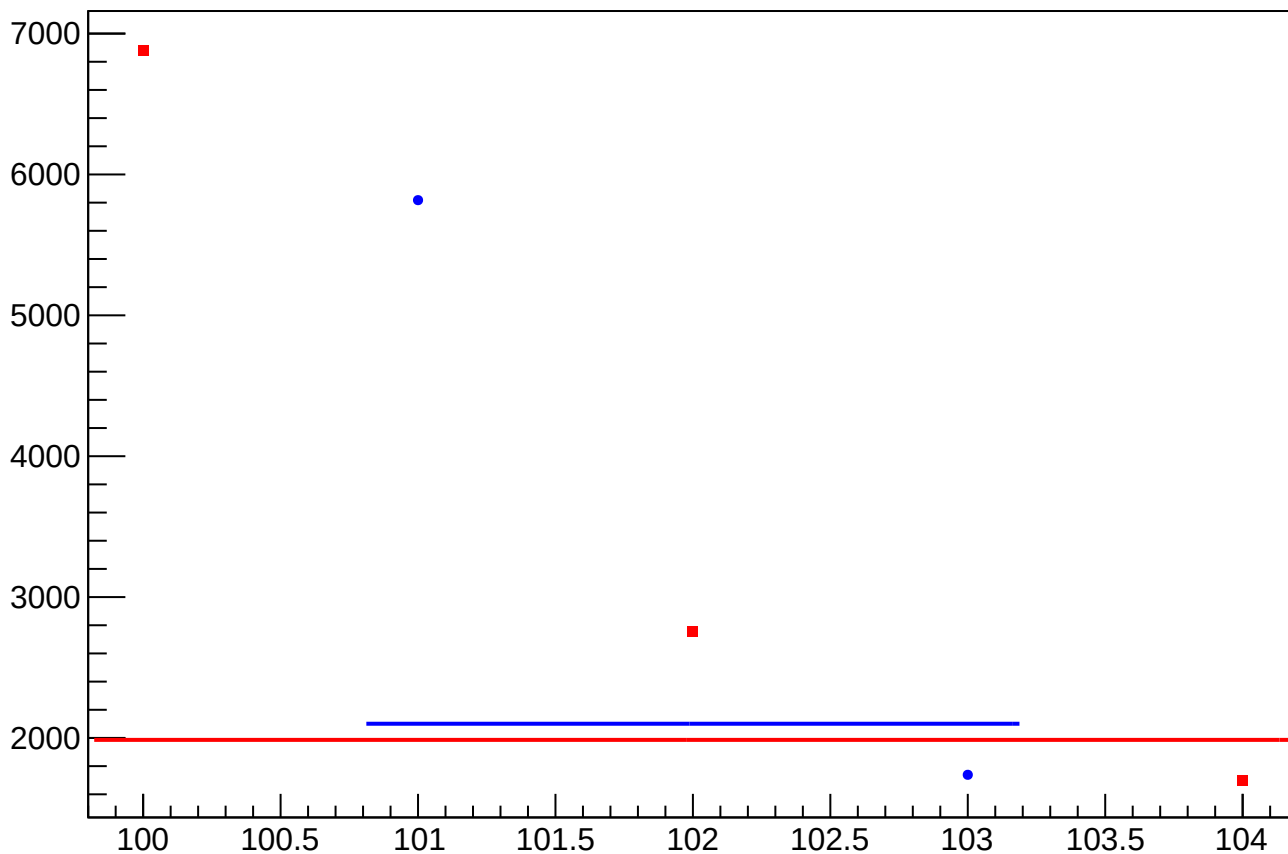
Right: 742.778+/-1478.407 χ^2 /NDF: 4.3/4

In: 1061.215+/-2141.287 χ^2 /NDF: 2.7/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 742.778+/-1478.407 χ^2 /NDF: 4.3/4

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: 1986.367+/-1.445 χ^2/NDF : 171865.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

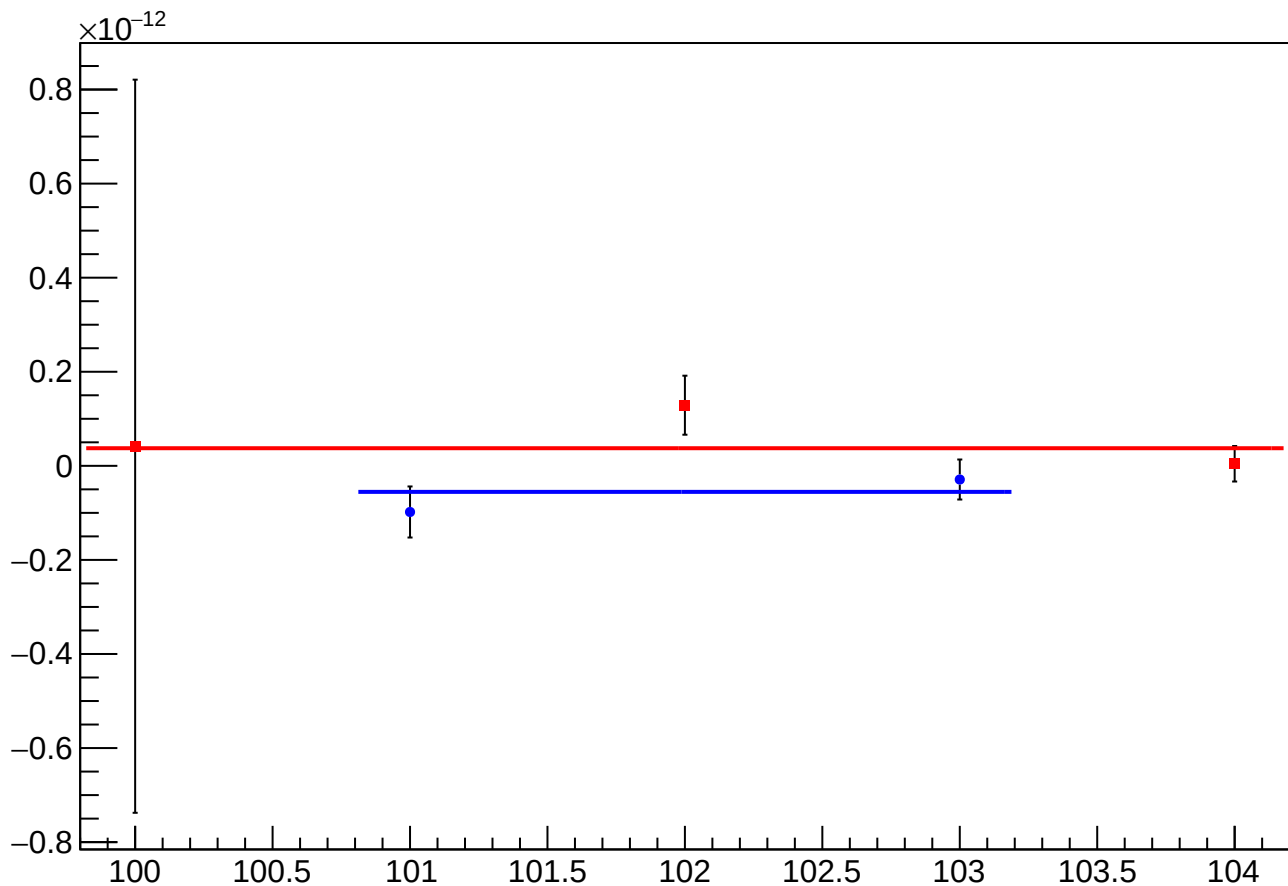
Right: 2040.989+/-1.045 χ^2/NDF : 762413.1/4

In: 2100.954+/-1.514 χ^2/NDF : 587550.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.989+/-1.045 χ^2/NDF : 762413.1/4

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 : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

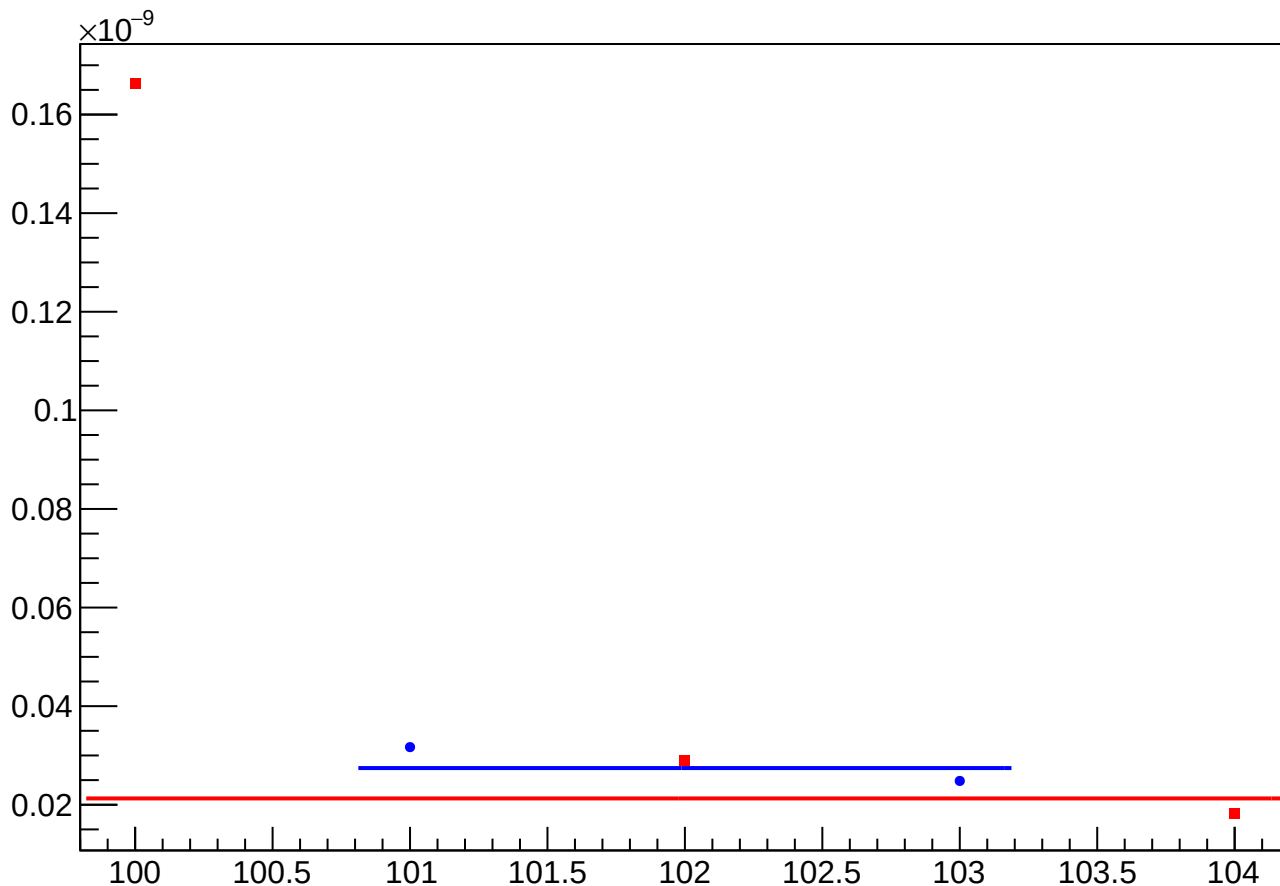
Right: -0.000+/-0.000 χ^2/NDF : 7.9/4

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 : 7.9/4

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 : 112078.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

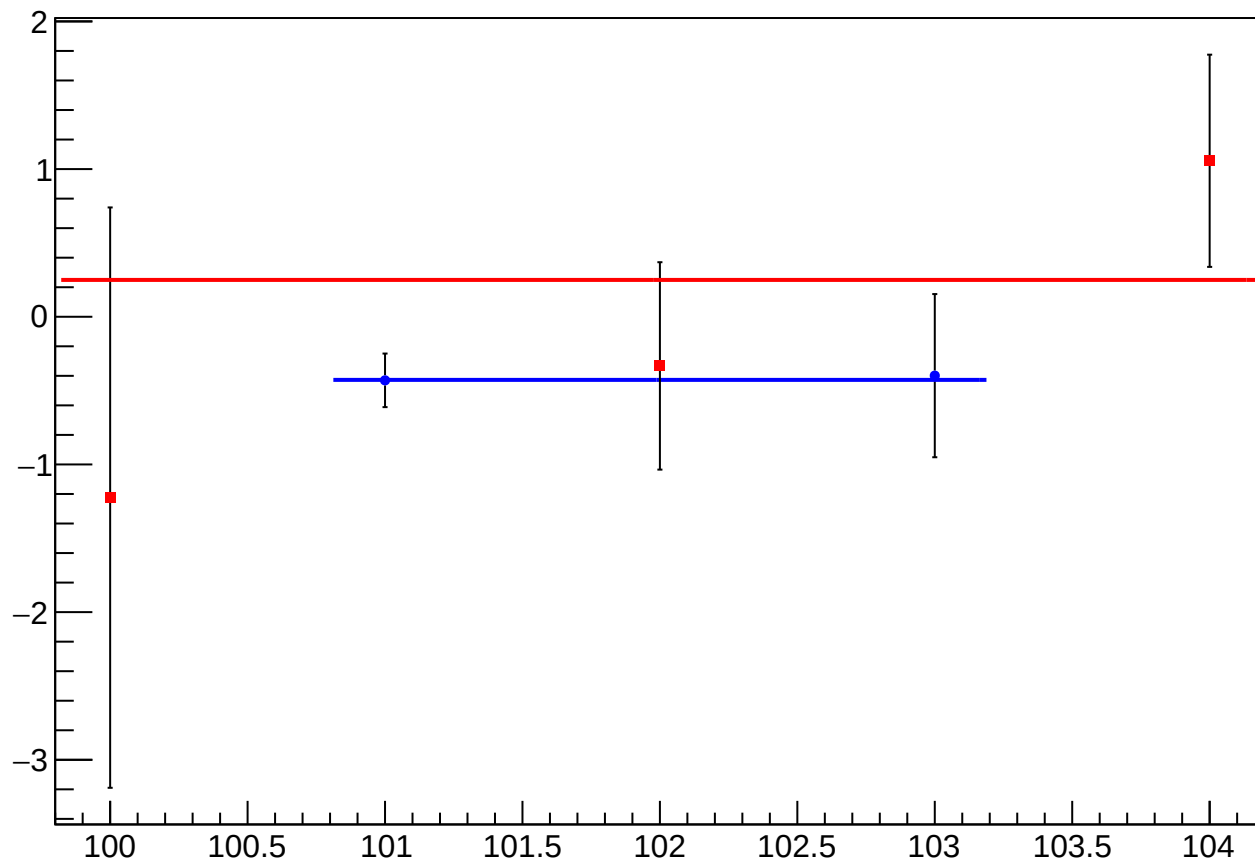
Right: 0.000+/-0.000 χ^2/NDF : 166948.4/4

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 : 166948.4/4

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: 0.250 $\pm$ 0.487 χ^2 /NDF: 2.5/2

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

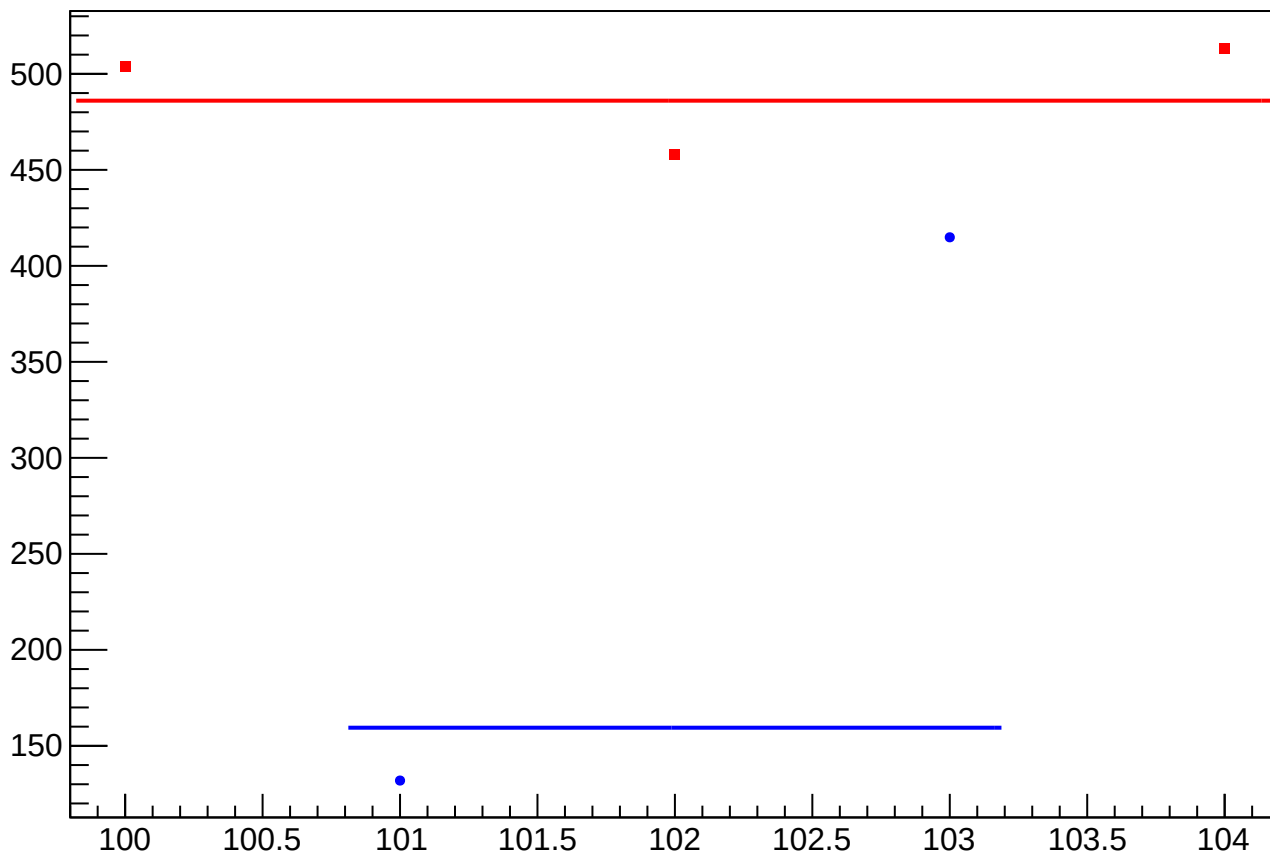
Right: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: 486.039+/-0.344 χ^2/NDF : 6235.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

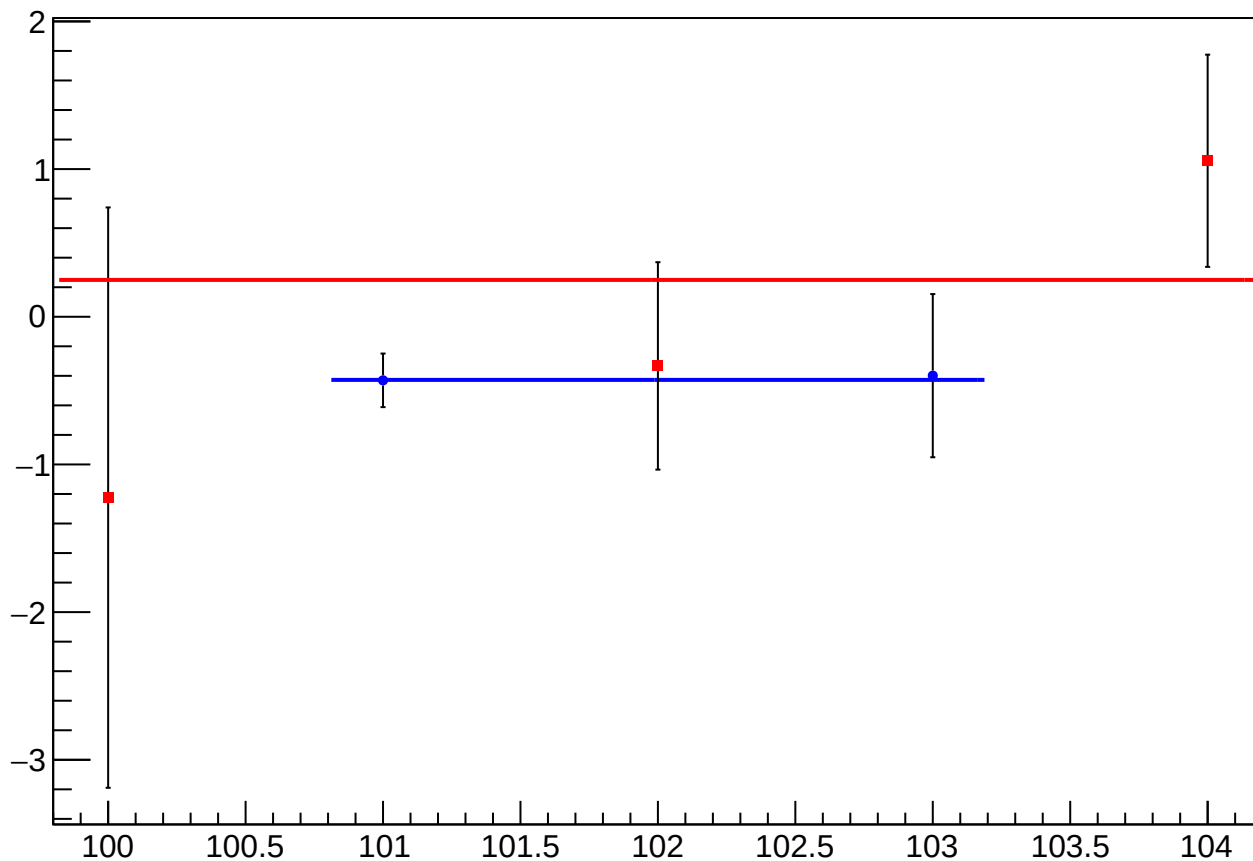
Right: 195.851+/-0.115 χ^2/NDF : 1280419.9/4

In: 159.454+/-0.122 χ^2/NDF :473554.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 195.851+/-0.115 χ^2/NDF : 1280419.9/4

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.250 $\pm$ 0.487 χ^2 /NDF: 2.5/2

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

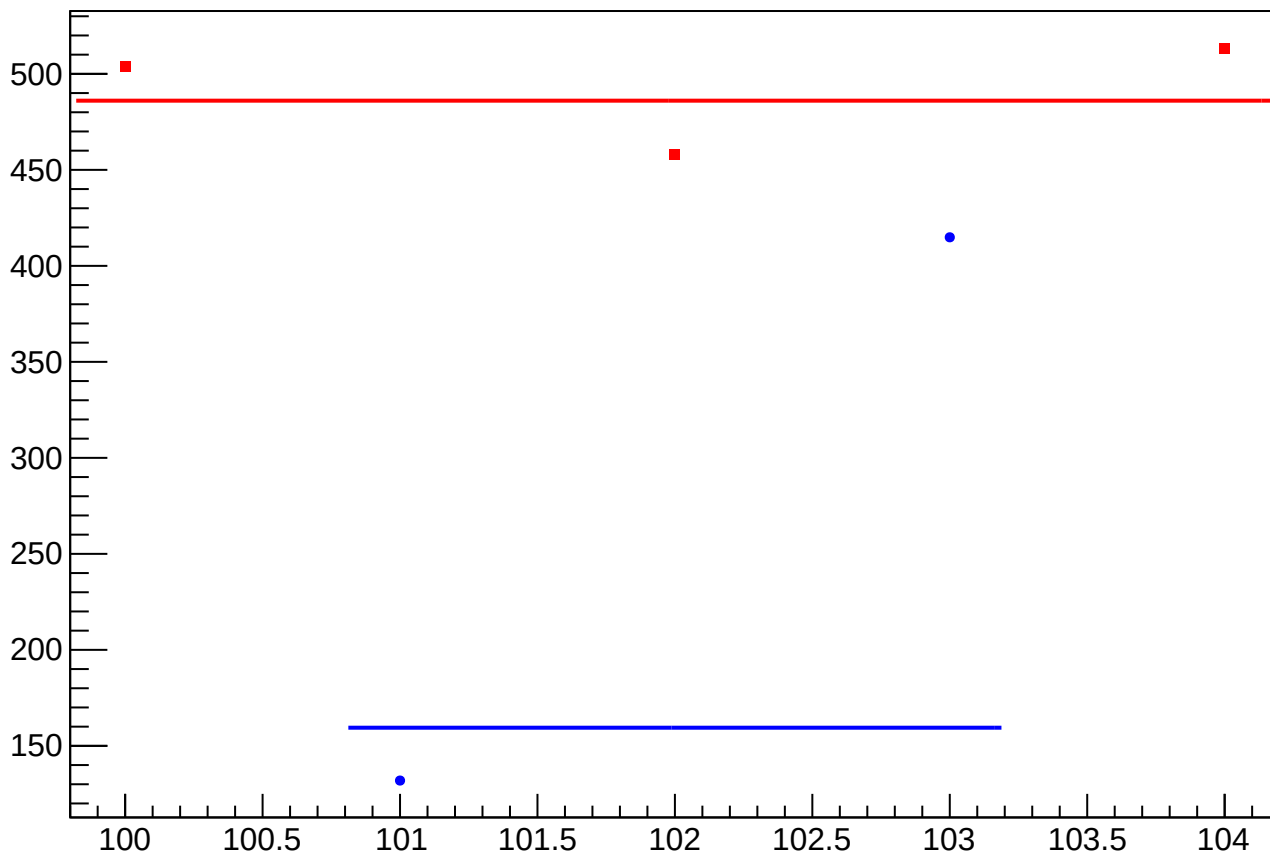
Right: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: 486.039+/-0.344 χ^2/NDF : 6235.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

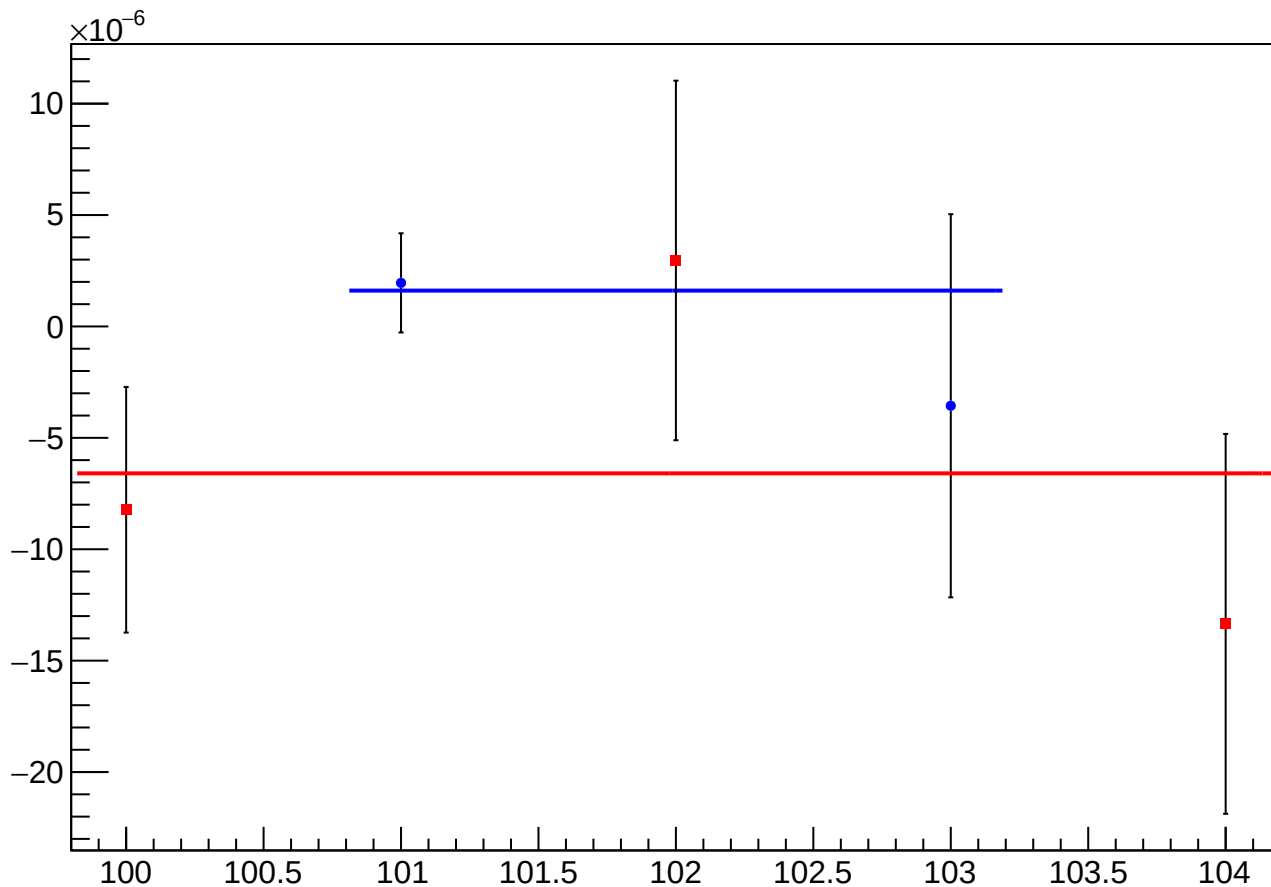
Right: 195.851+/-0.115 χ^2/NDF : 1280419.9/4

In: 159.454+/-0.122 χ^2/NDF : 473554.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.851+/-0.115 χ^2/NDF : 1280419.9/4

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 : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

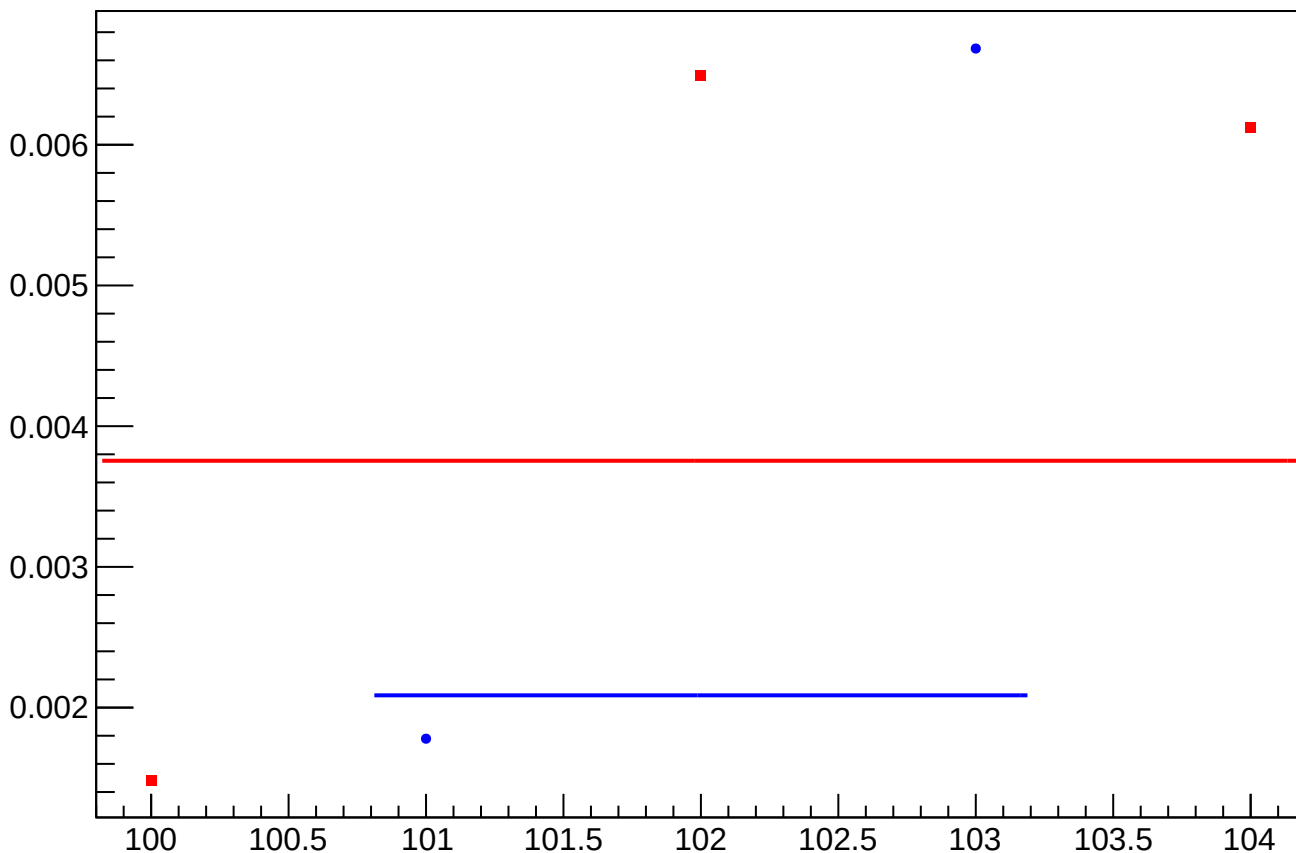
Right: -0.000+/-0.000 χ^2/NDF : 5.7/4

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 : 5.7/4

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: 0.004+/-0.000 χ^2/NDF : 724883.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

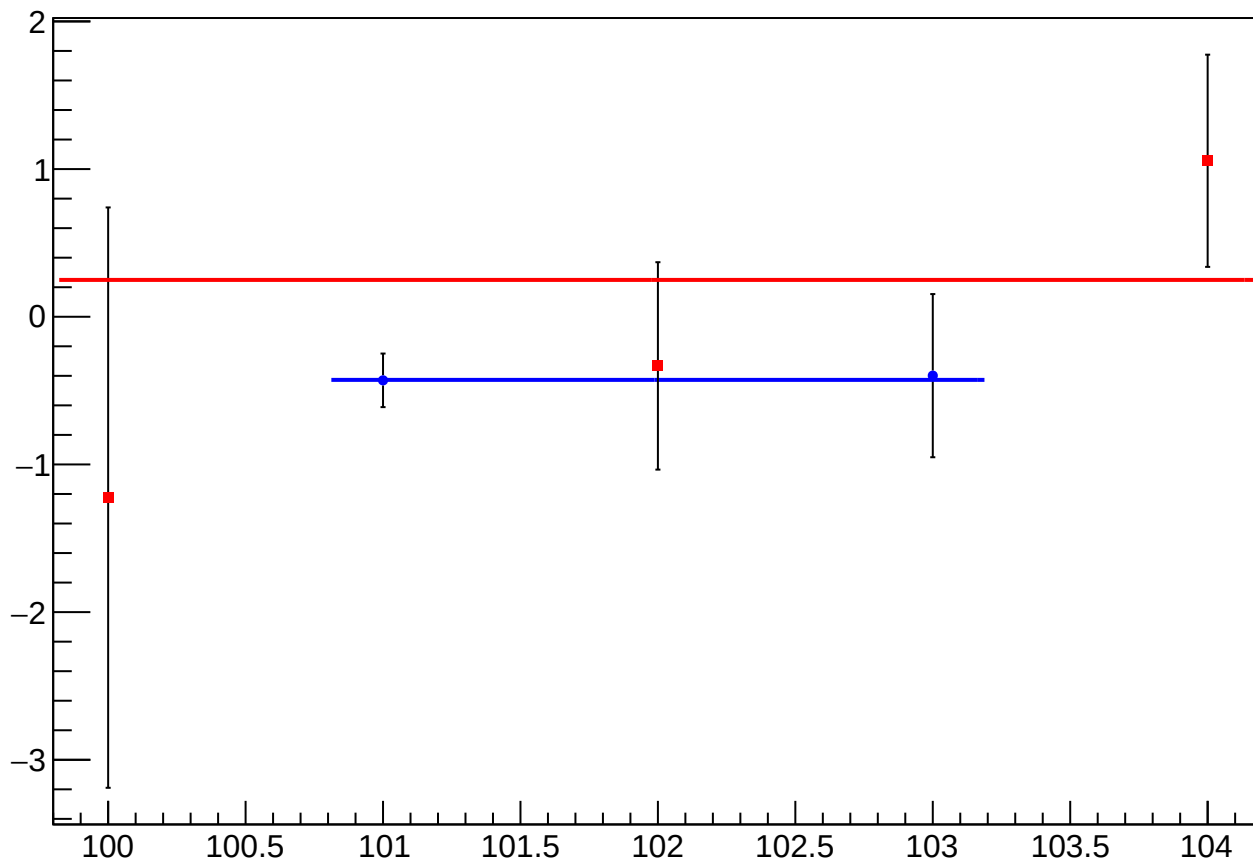
Right: 0.002+/-0.000 χ^2/NDF : 1602358.1/4

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 : 1602358.1/4

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.249 $\pm$ 0.487 χ^2 /NDF: 2.5/2

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

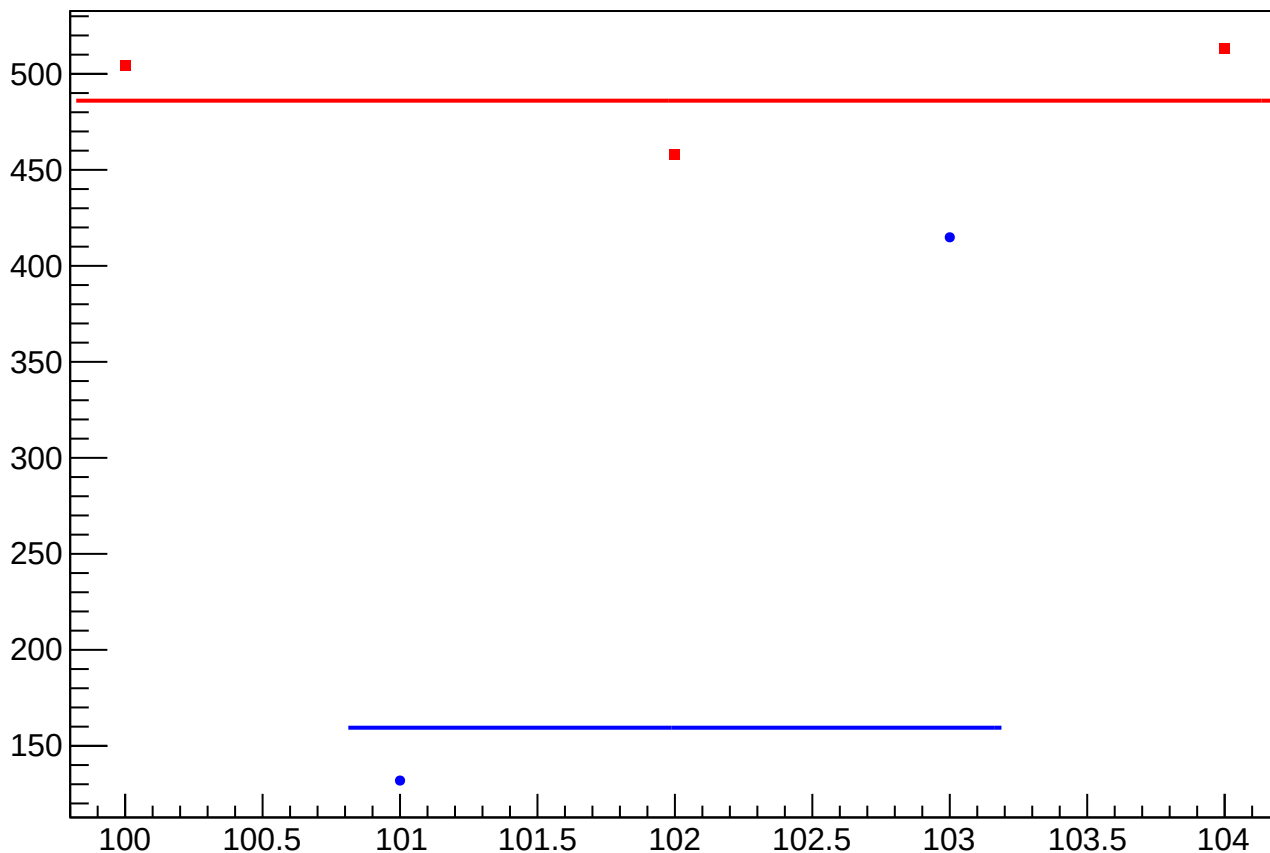
Right: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: 486.037+/-0.344 χ^2/NDF : 6235.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

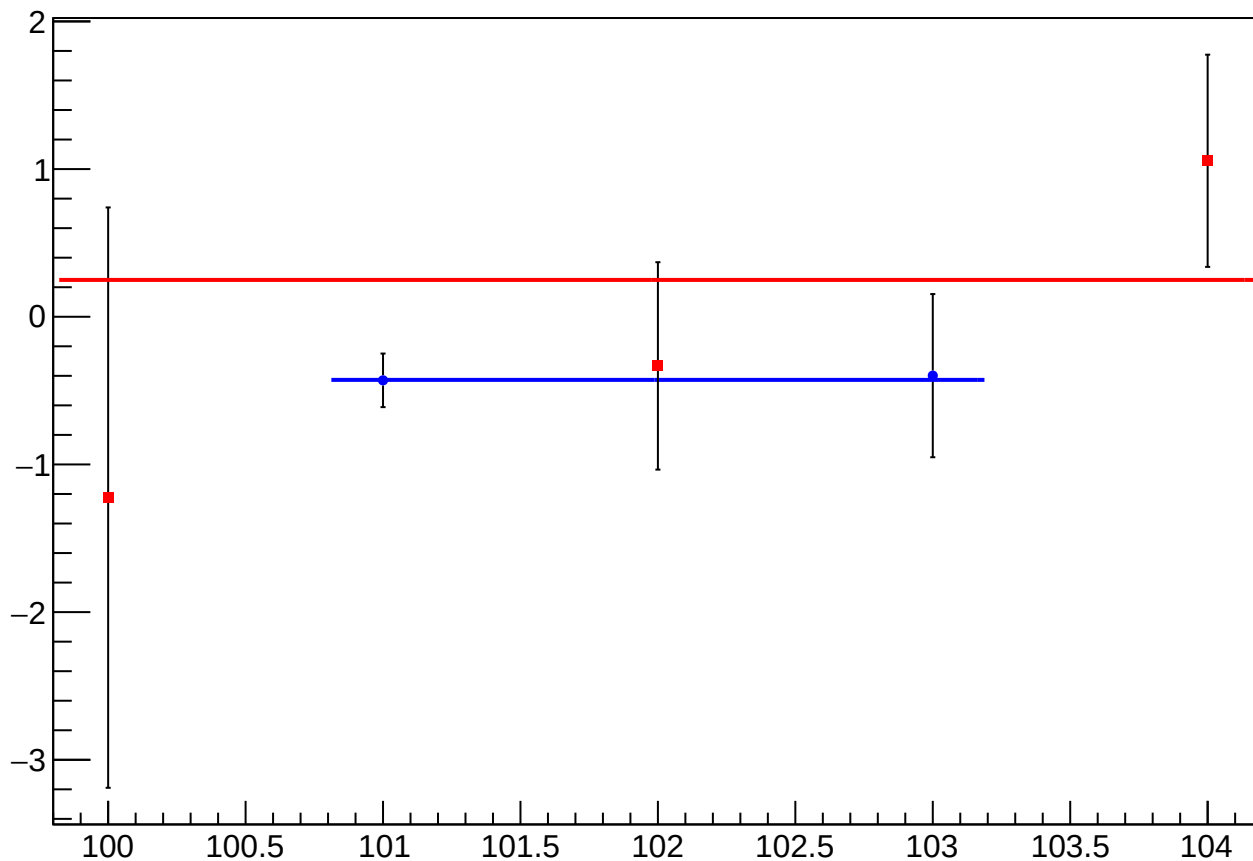
Right: 195.852+/-0.115 χ^2/NDF : 1280402.0/4

In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.852+/-0.115 χ^2/NDF : 1280402.0/4

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.427 $\pm$ 0.172 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.249 $\pm$ 0.487 χ^2 /NDF: 2.5/2

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

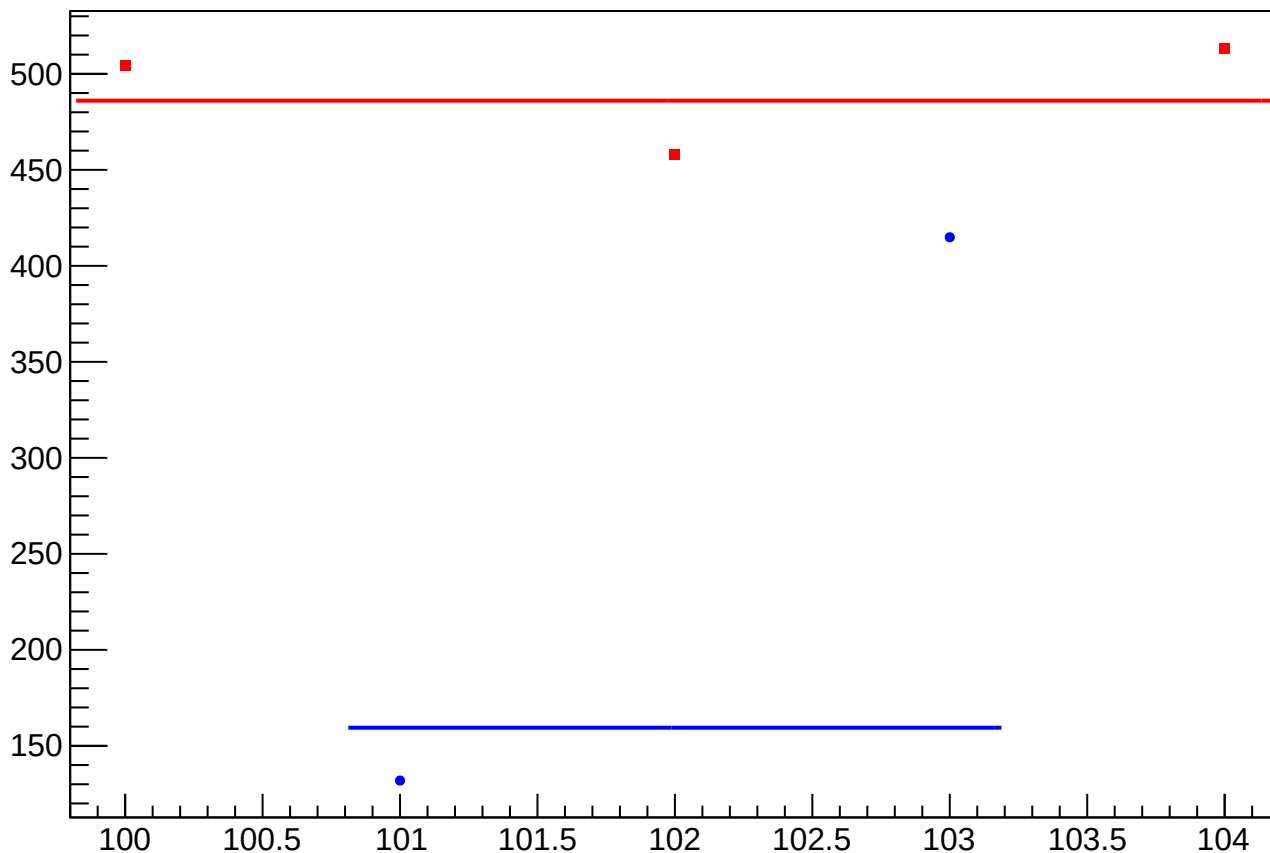
Right: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: -0.352 $\pm$ 0.162 χ^2 /NDF: 4.2/4

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: 486.037+/-0.344 χ^2/NDF : 6235.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

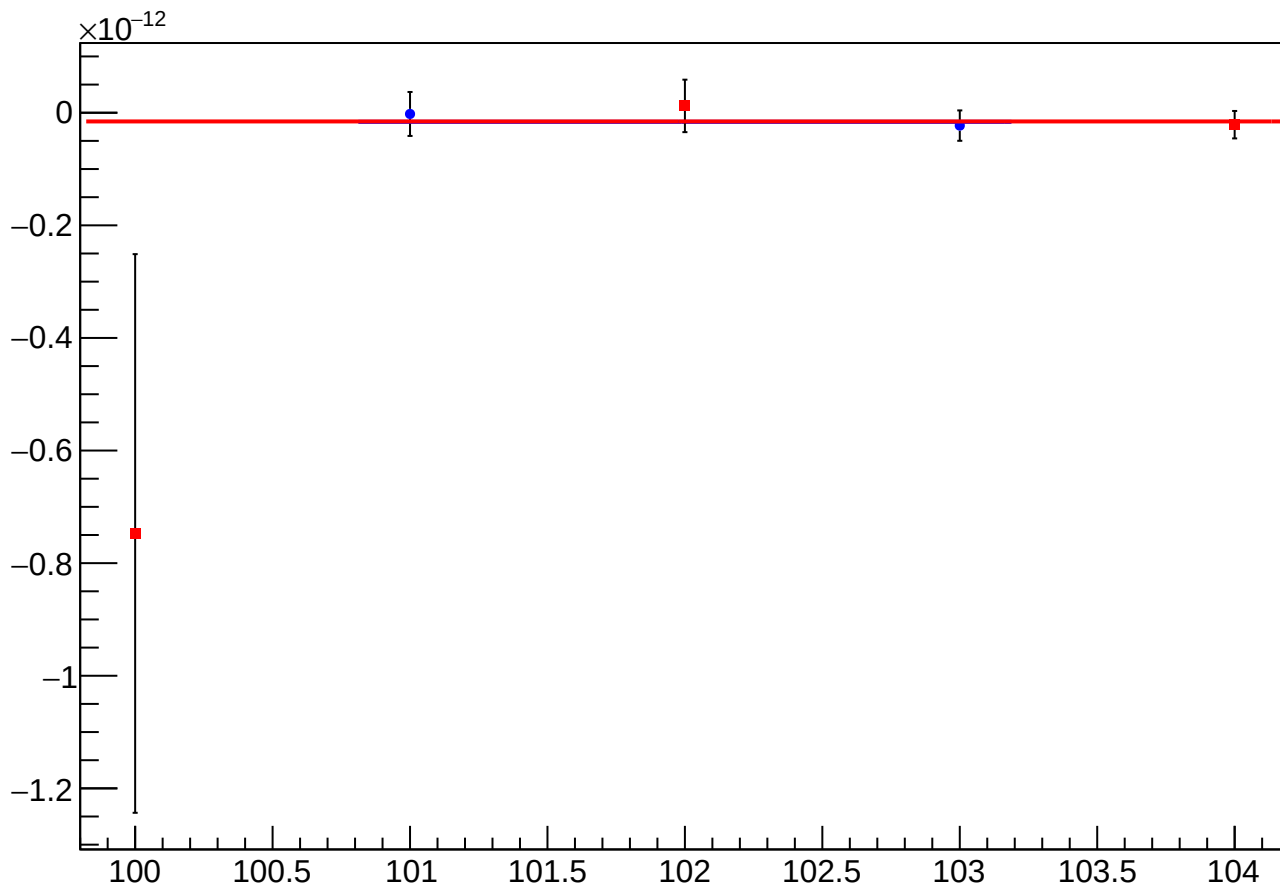
Right: 195.852+/-0.115 χ^2/NDF : 1280402.0/4

In: 159.455+/-0.122 χ^2/NDF : 473547.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.852+/-0.115 χ^2/NDF : 1280402.0/4

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: 2.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

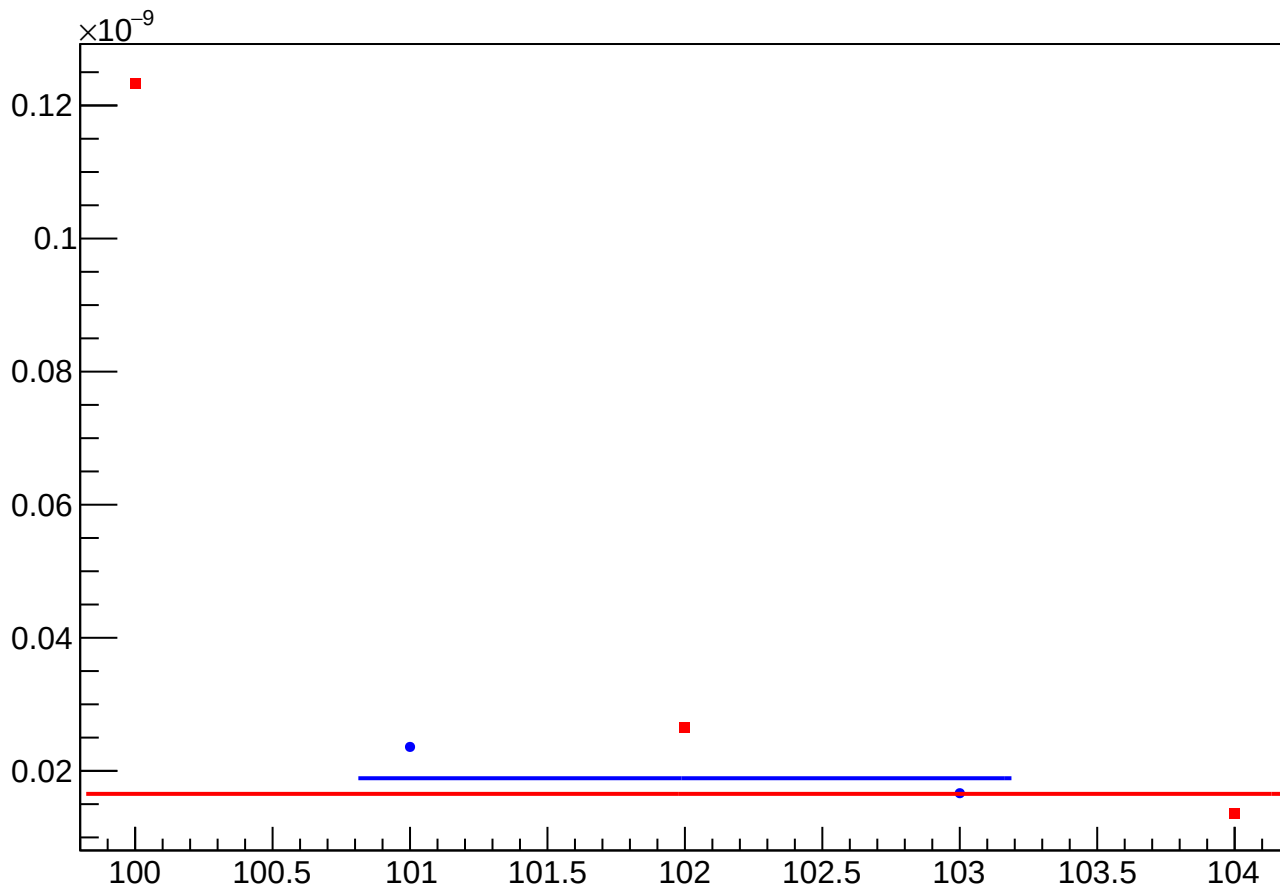
Right: -0.000+/-0.000 χ^2 /NDF: 2.8/4

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: 2.8/4

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: 213526.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

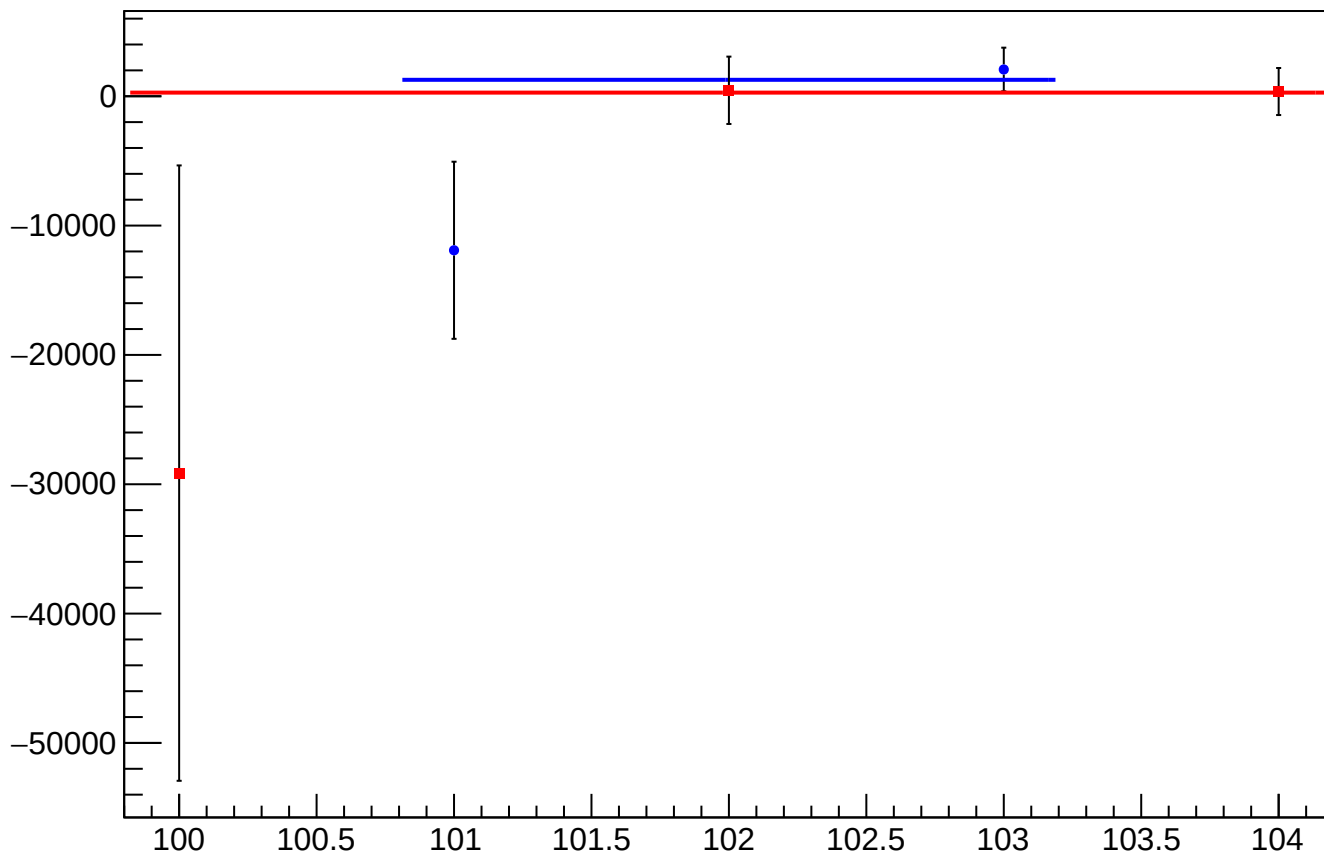
Right: 0.000+/-0.000 χ^2 /NDF: 268014.9/4

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: 268014.9/4

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: 280.806+/-1488.013 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

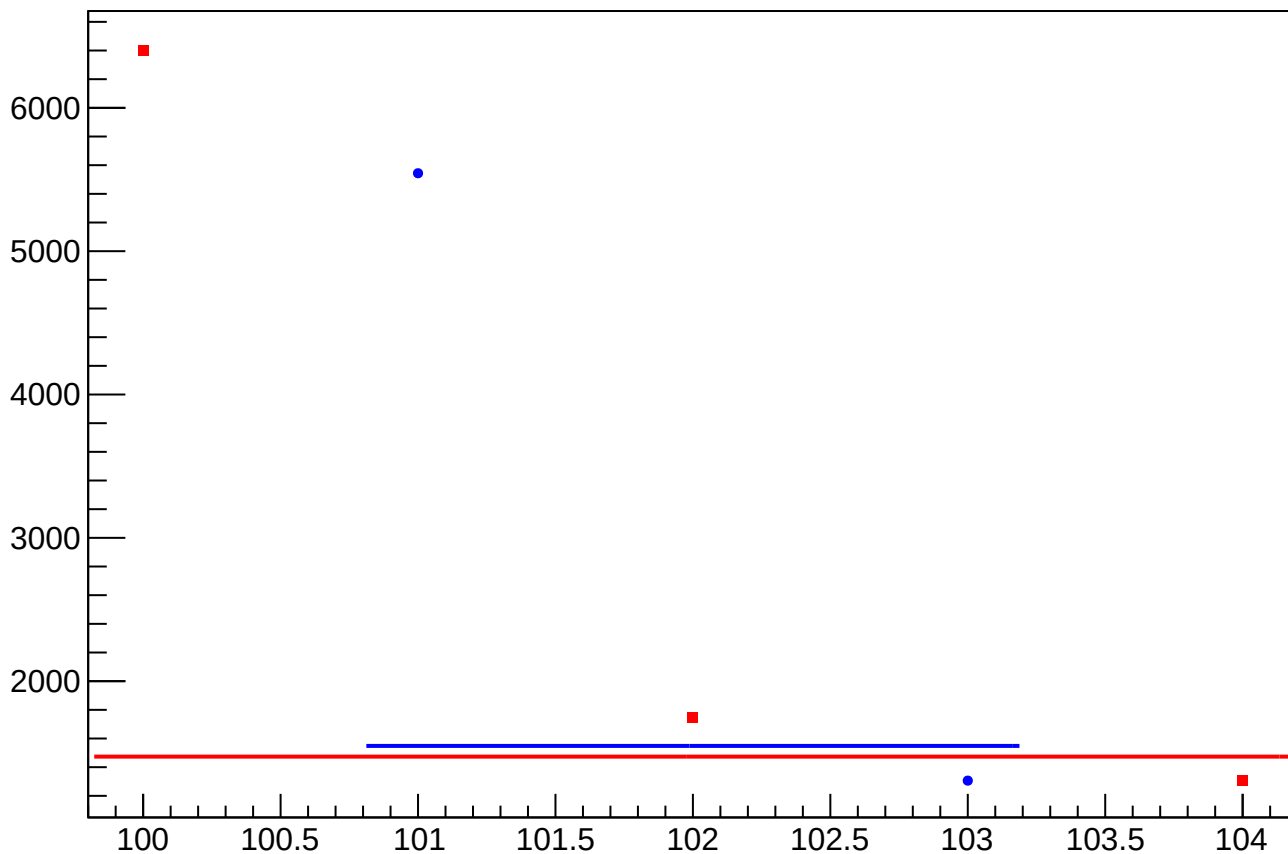
Right: 728.467+/-1101.121 χ^2 /NDF: 5.7/4

In: 1270.312+/-1637.078 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 728.467+/-1101.121 χ^2 /NDF: 5.7/4

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: 1473.682+/-1.052 χ^2/NDF : 124526.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

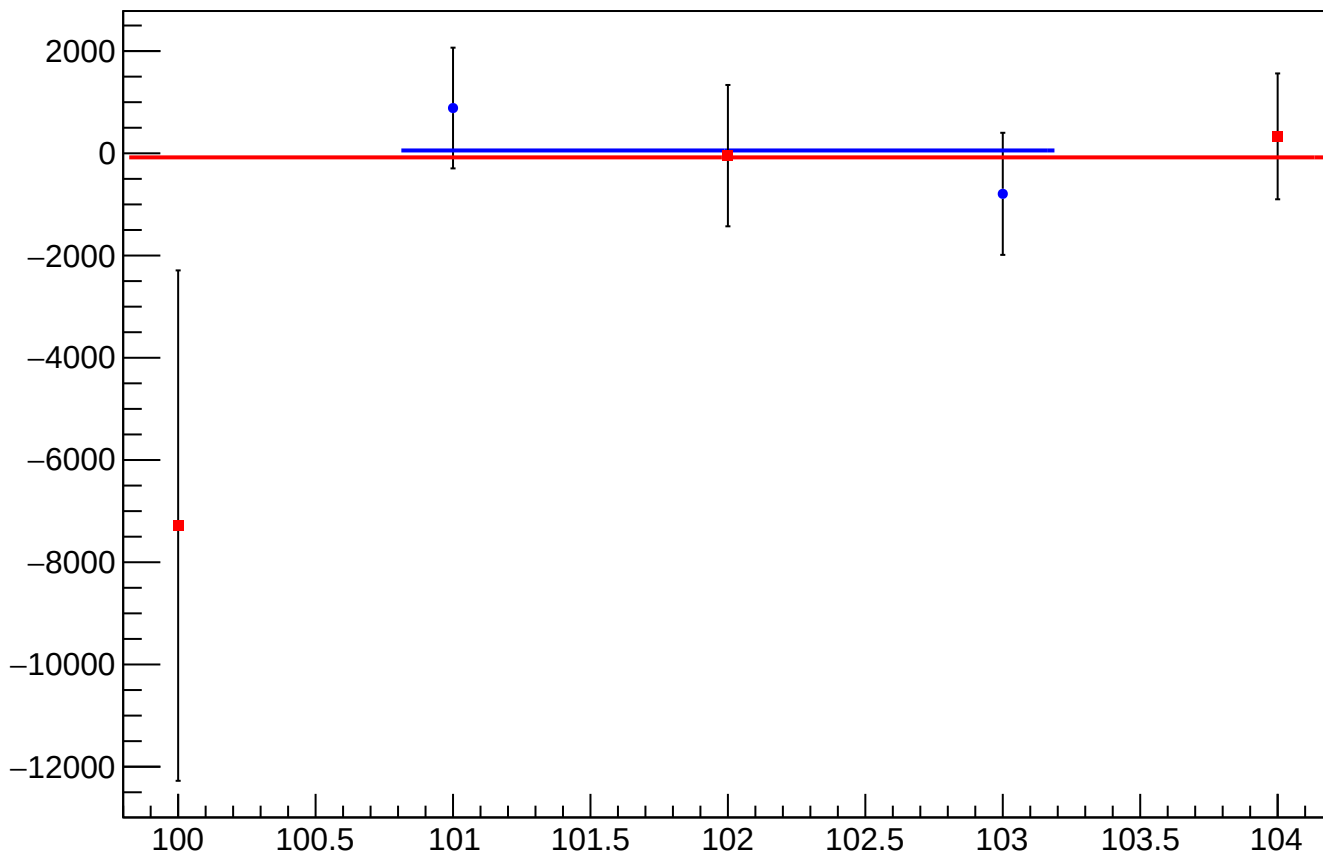
Right: 1507.491+/-0.779 χ^2/NDF : 849097.0/4

In: 1548.413+/-1.158 χ^2/NDF : 722288.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.491+/-0.779 χ^2/NDF : 849097.0/4

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: -79.560+/-904.185 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

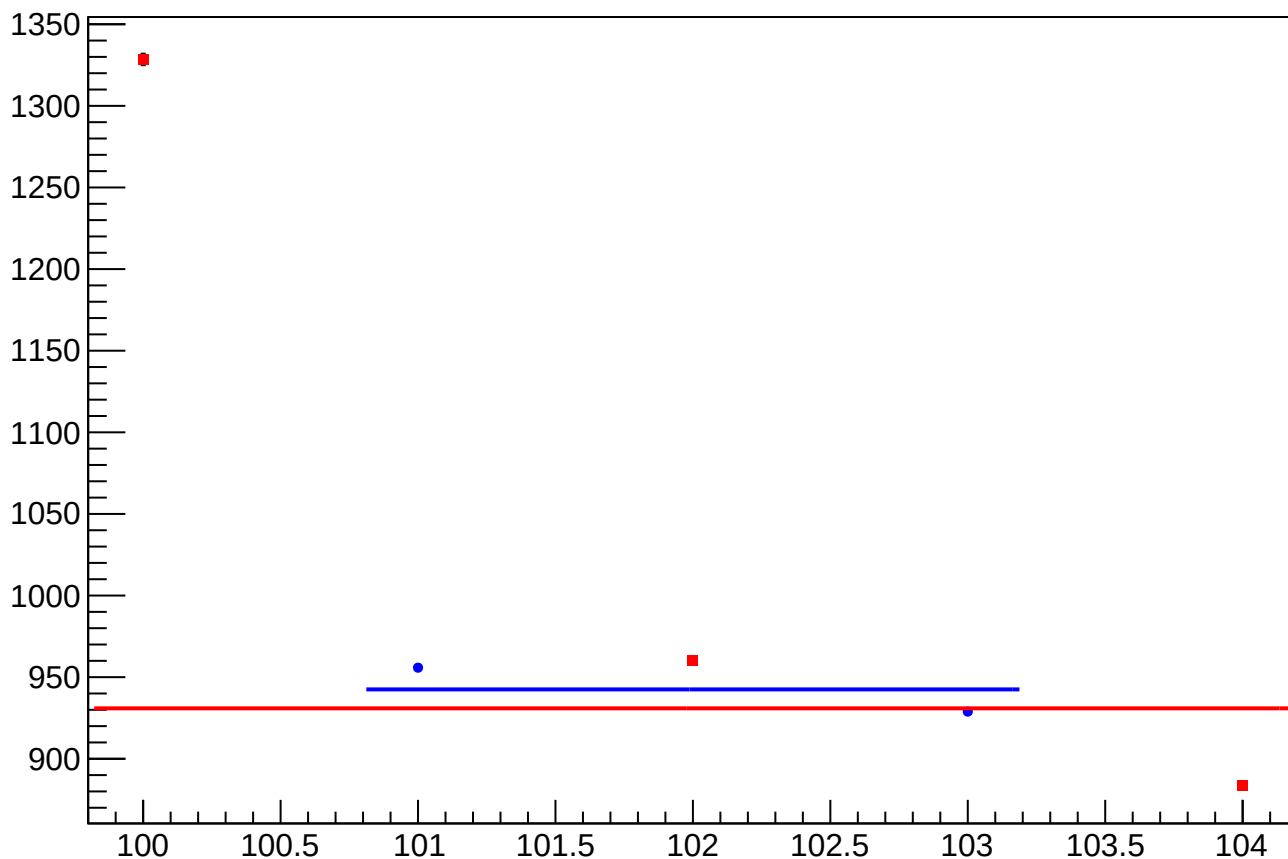
Right: -6.879+/-615.271 χ^2/NDF : 3.2/4

In: 55.797+/-839.645 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.879+/-615.271 χ^2/NDF : 3.2/4

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: 930.894+/-0.639 χ^2/NDF : 16502.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

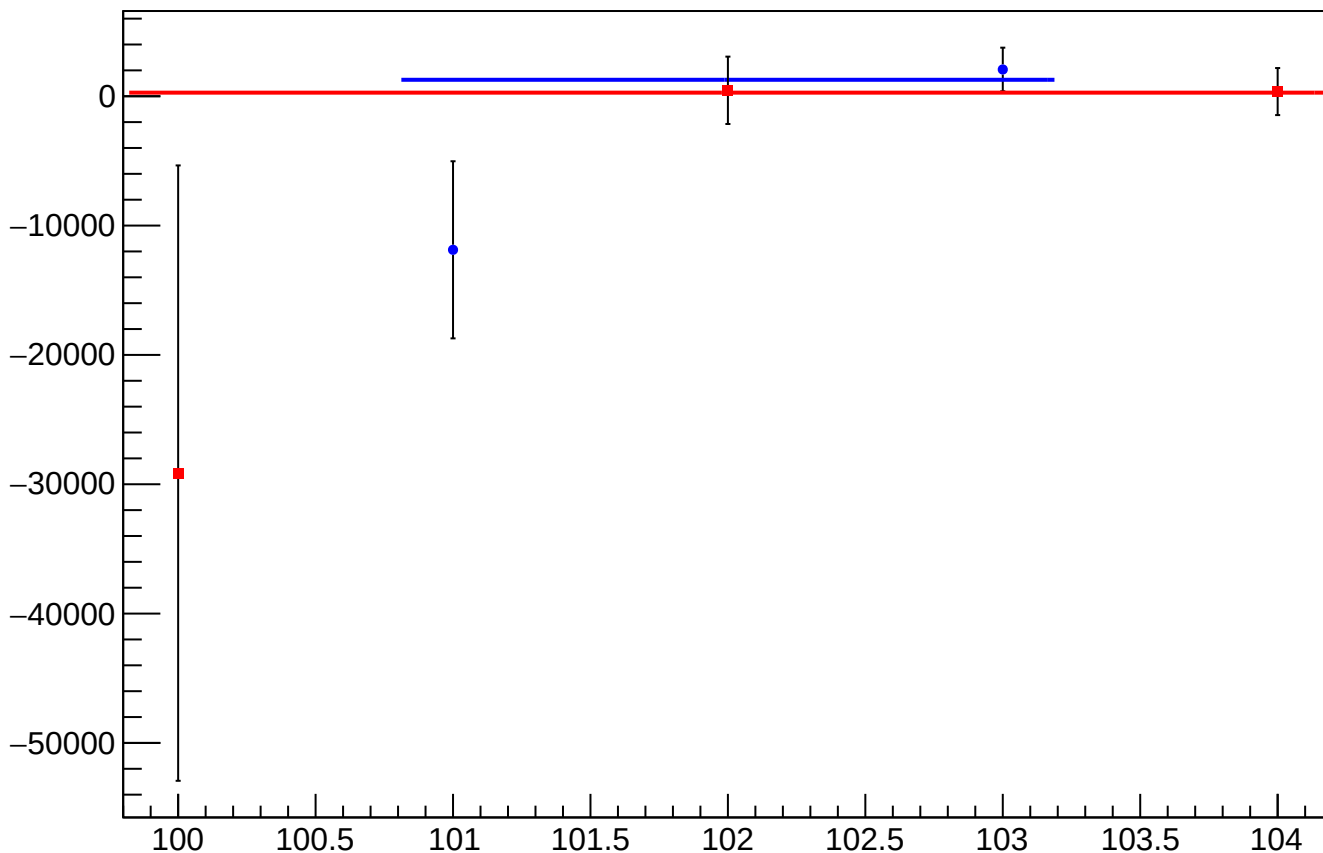
Right: 937.129+/-0.435 χ^2/NDF : 17193.1/4

In: 942.506+/-0.594 χ^2/NDF : 513.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.129+/-0.435 χ^2/NDF : 17193.1/4

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: 277.655+/-1488.016 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

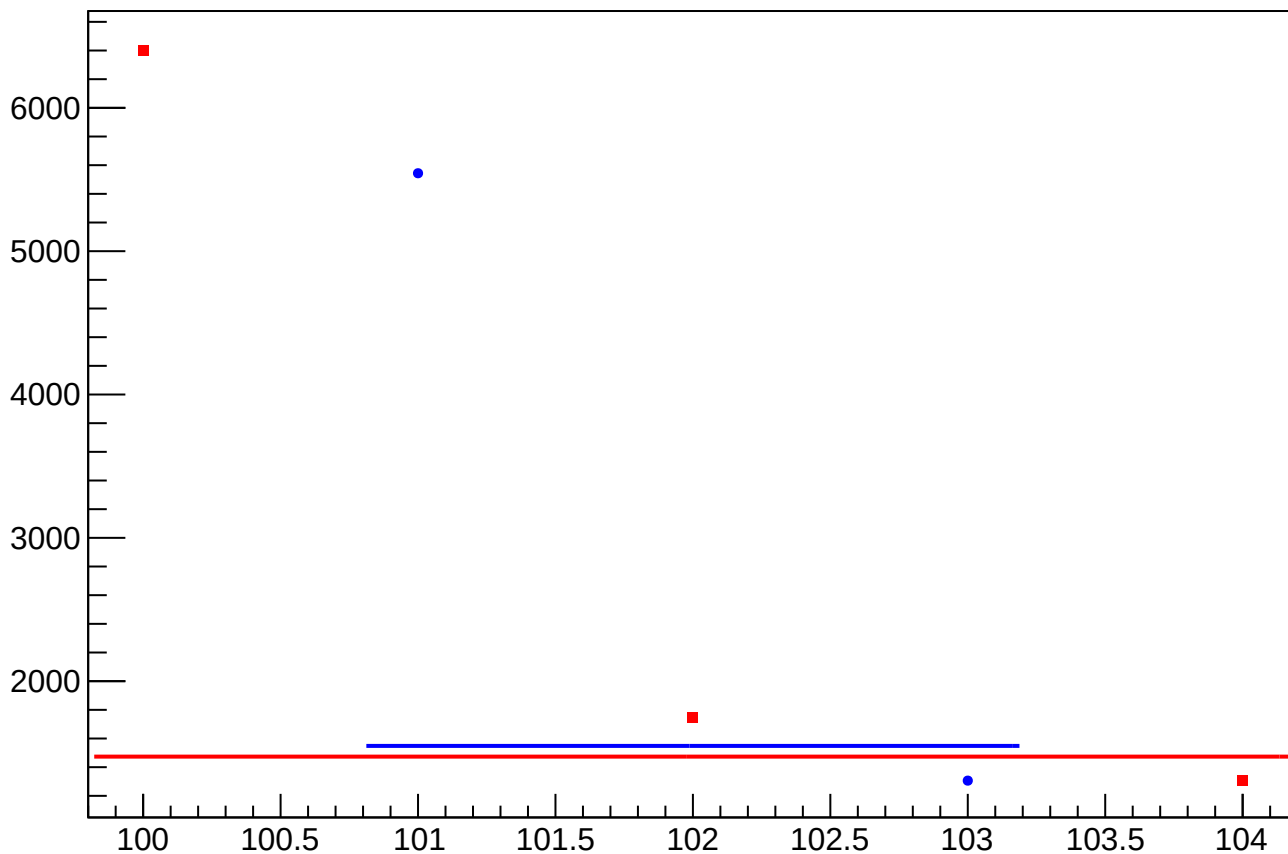
Right: 727.534+/-1101.123 χ^2 /NDF: 5.6/4

In: 1272.062+/-1637.081 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 727.534+/-1101.123 χ^2 /NDF: 5.6/4

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: 1473.684+/-1.052 χ^2/NDF : 124525.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

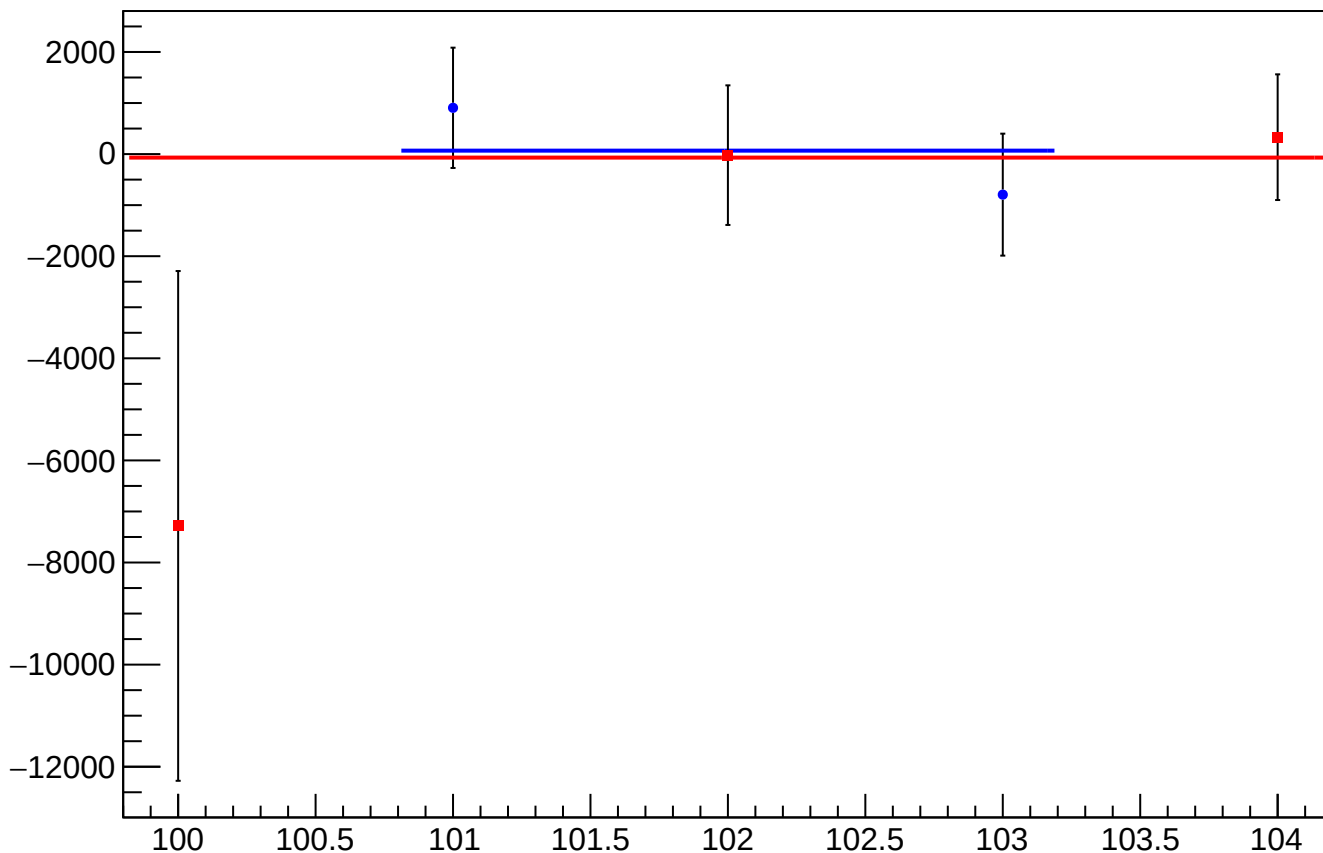
Right: 1507.492+/-0.779 χ^2/NDF : 849094.6/4

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.492+/-0.779 χ^2/NDF : 849094.6/4

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: -68.661+/-899.801 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

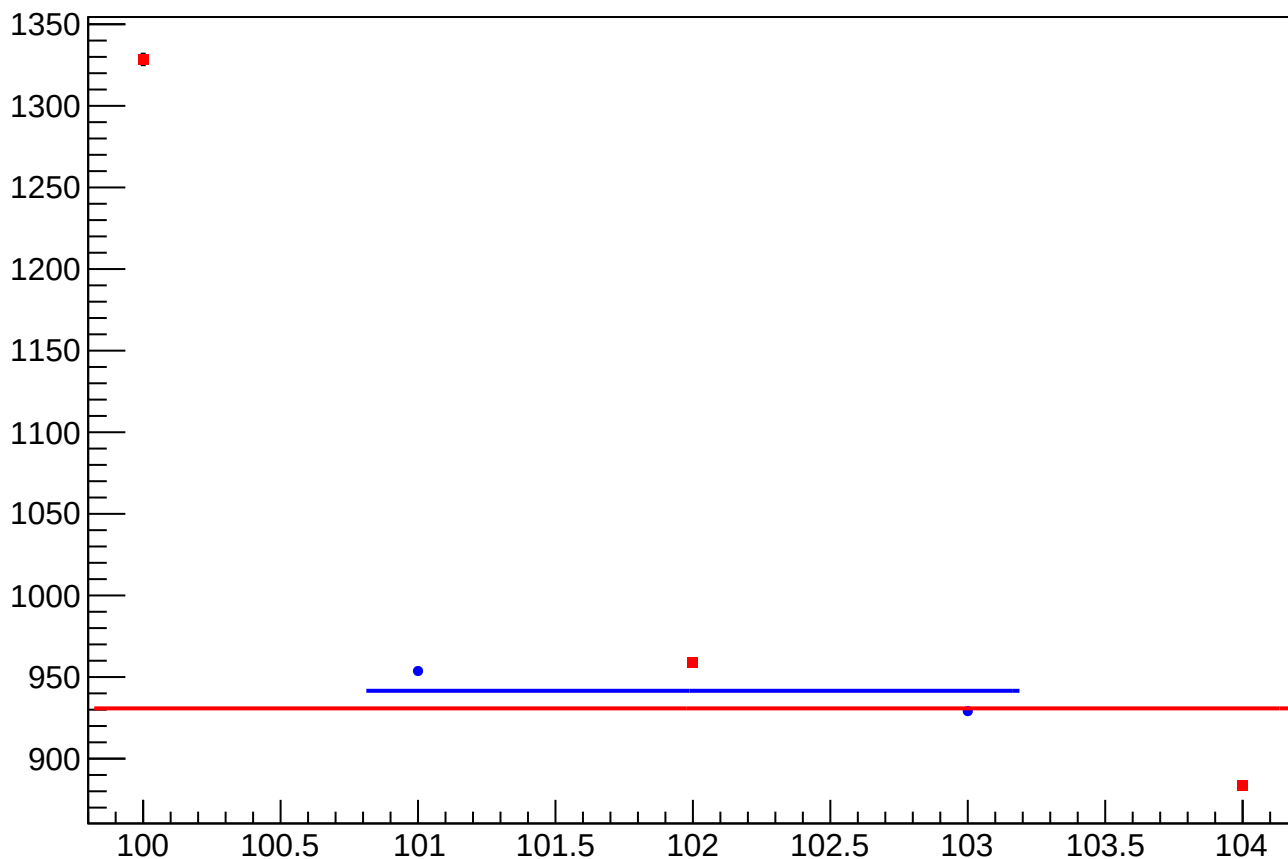
Right: 4.174+/-613.546 χ^2/NDF : 3.2/4

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.174+/-613.546 χ^2/NDF : 3.2/4

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: 930.796+/-0.636 χ^2/NDF : 16487.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

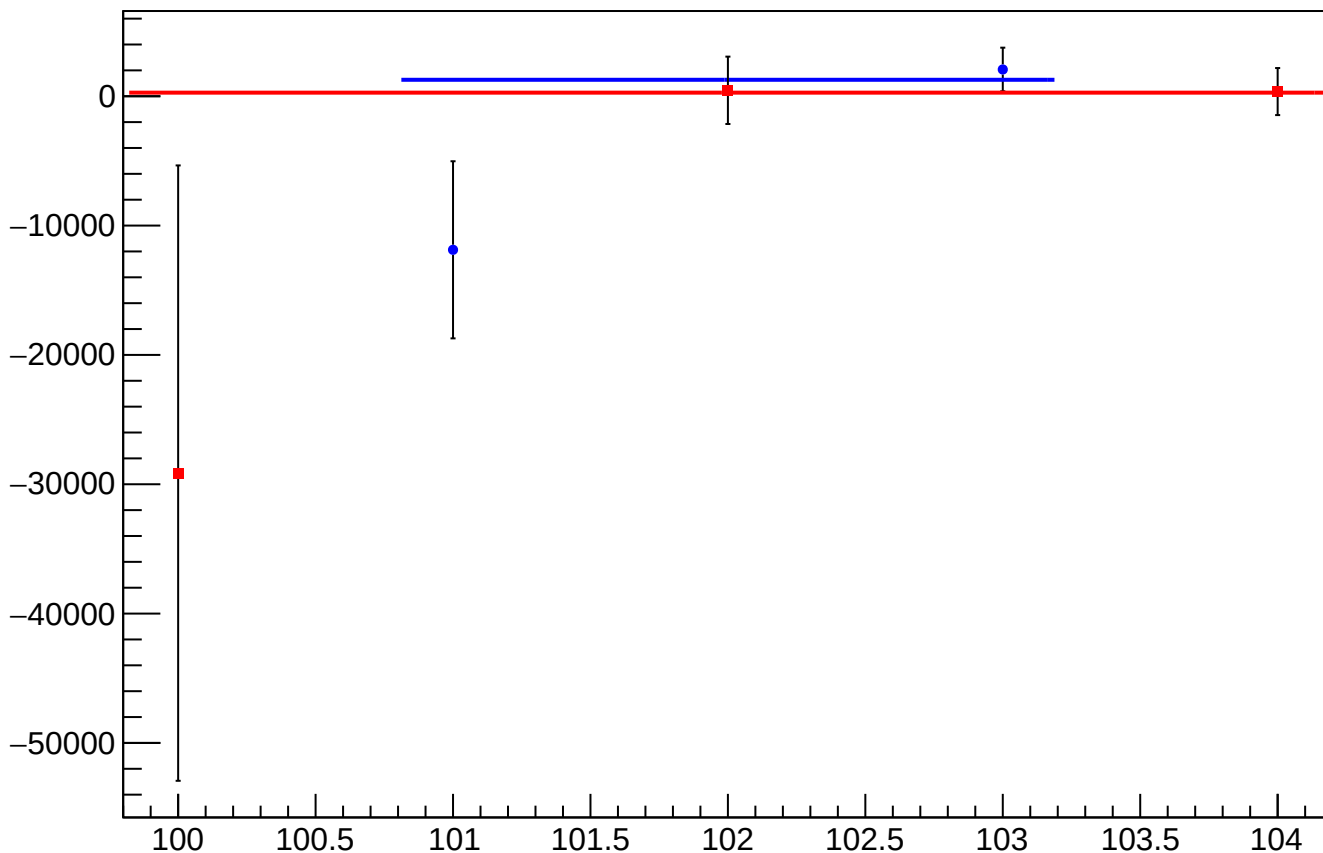
Right: 936.566+/-0.434 χ^2/NDF : 17070.8/4

In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.566+/-0.434 χ^2/NDF : 17070.8/4

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: 277.655+/-1488.016 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

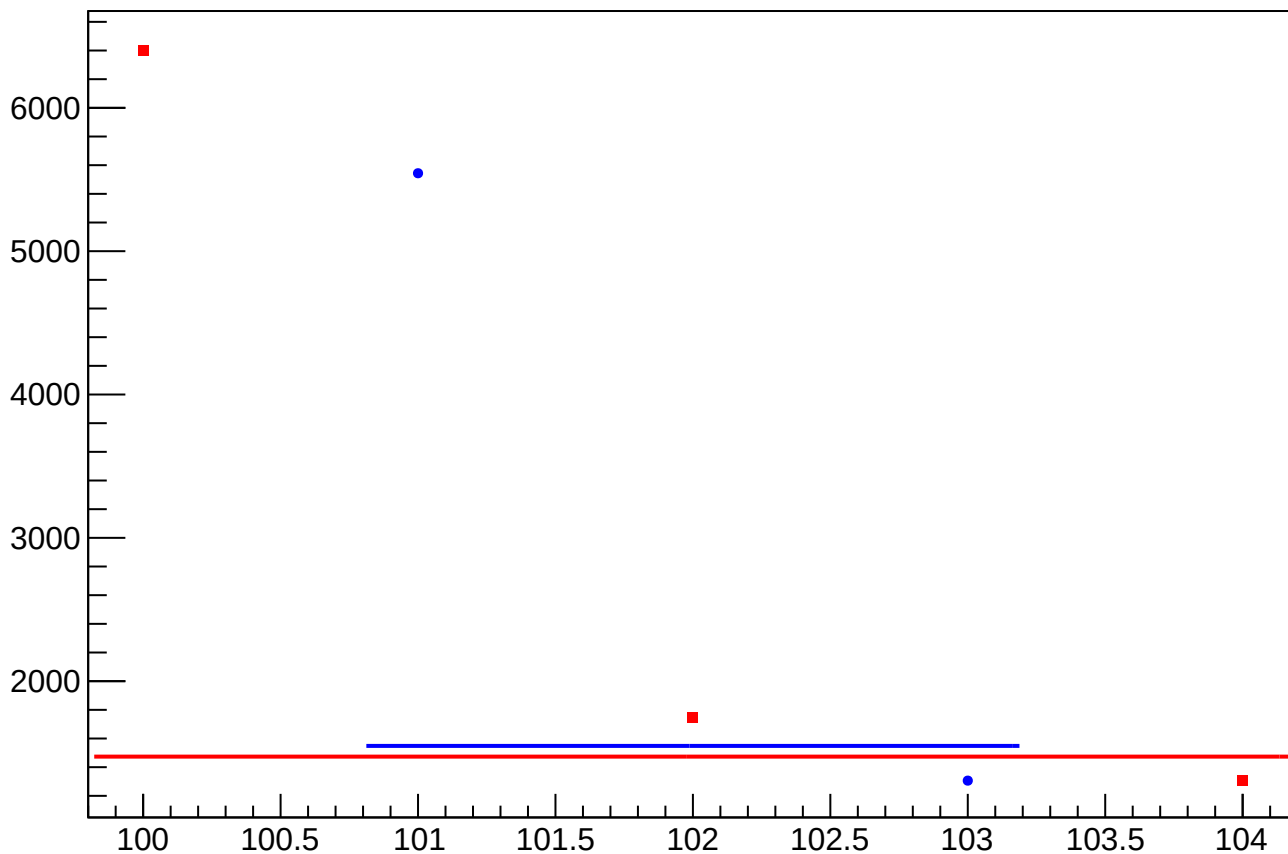
Right: 727.534+/-1101.123 χ^2 /NDF: 5.6/4

In: 1272.062+/-1637.081 χ^2 /NDF:3.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 727.534+/-1101.123 χ^2 /NDF: 5.6/4

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: 1473.684+/-1.052 χ^2/NDF : 124525.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

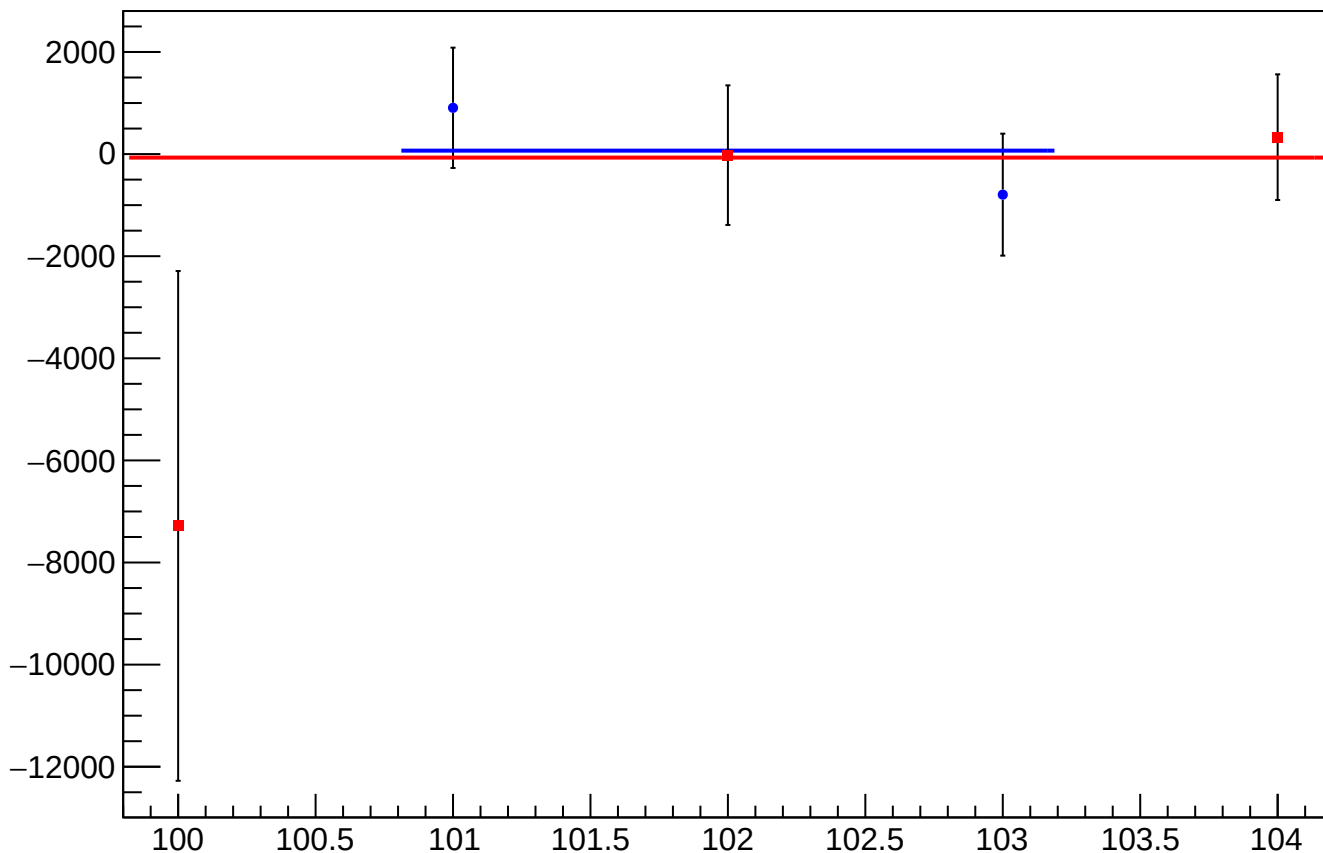
Right: 1507.492+/-0.779 χ^2/NDF : 849094.6/4

In: 1548.413+/-1.158 χ^2/NDF : 722287.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.492+/-0.779 χ^2/NDF : 849094.6/4

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: -68.661+/-899.801 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

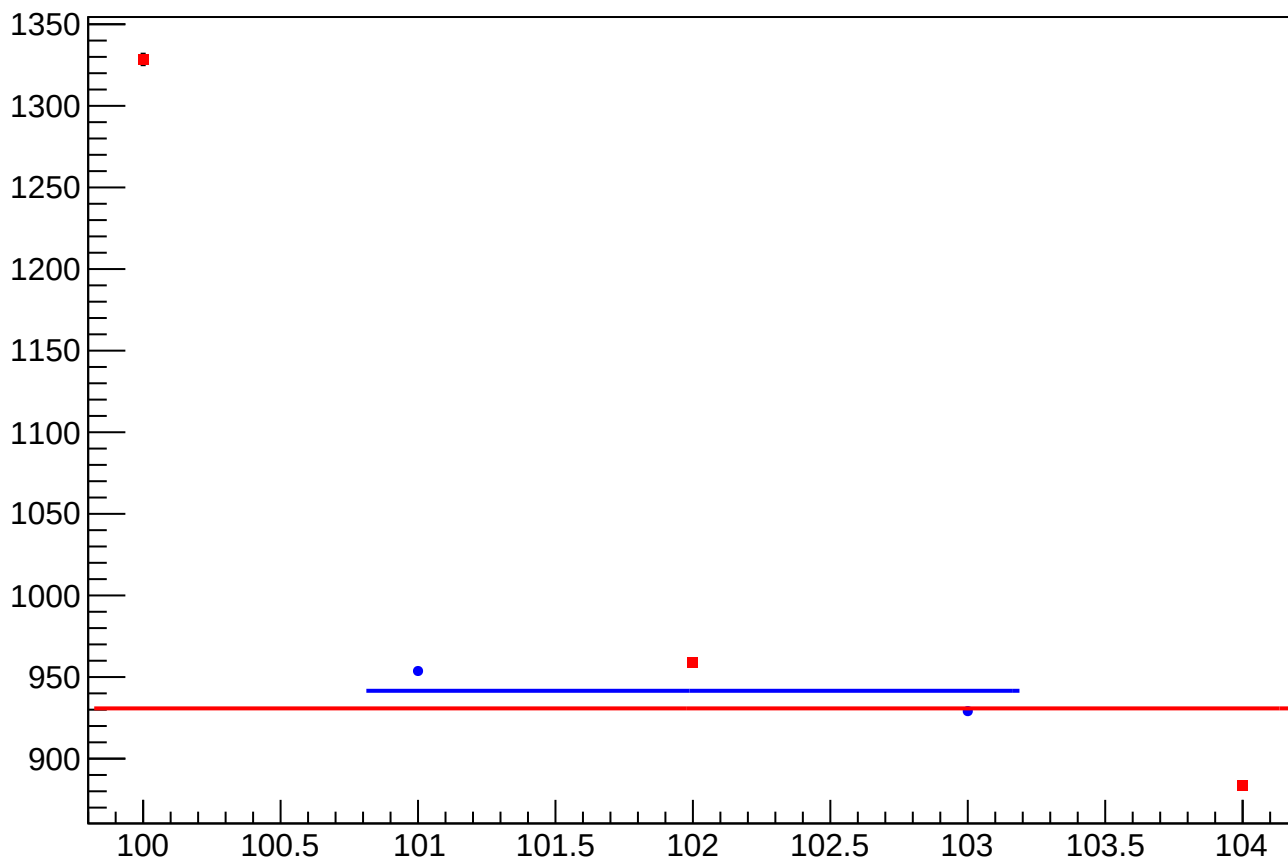
Right: 4.174+/-613.546 χ^2/NDF : 3.2/4

In: 67.465+/-838.780 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.174+/-613.546 χ^2/NDF : 3.2/4

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 930.796+/-0.636 χ^2/NDF : 16487.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

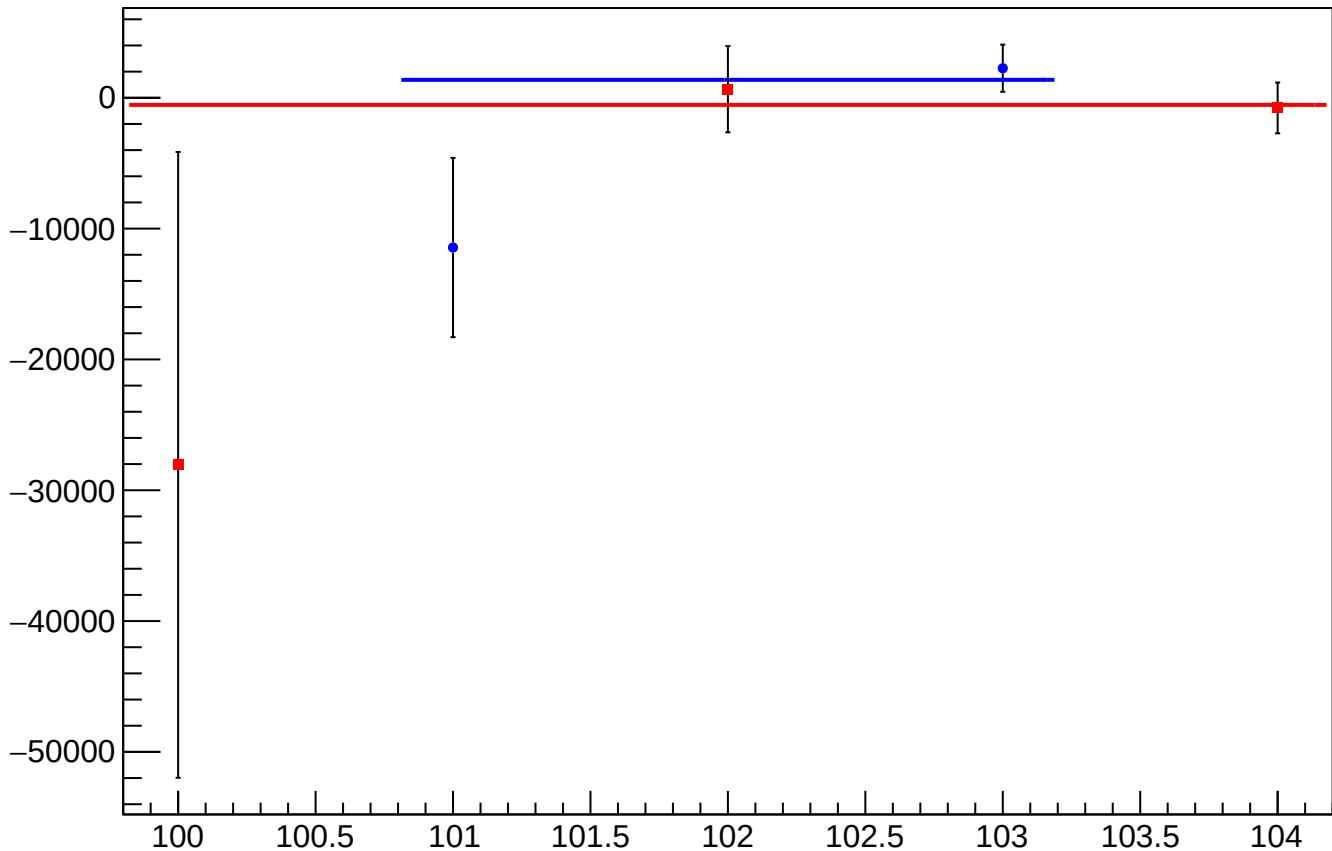
Right: 936.566+/-0.434 χ^2/NDF : 17070.8/4

In: 941.579+/-0.593 χ^2/NDF : 429.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.566+/-0.434 χ^2/NDF : 17070.8/4

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: -541.965+/-1668.311 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

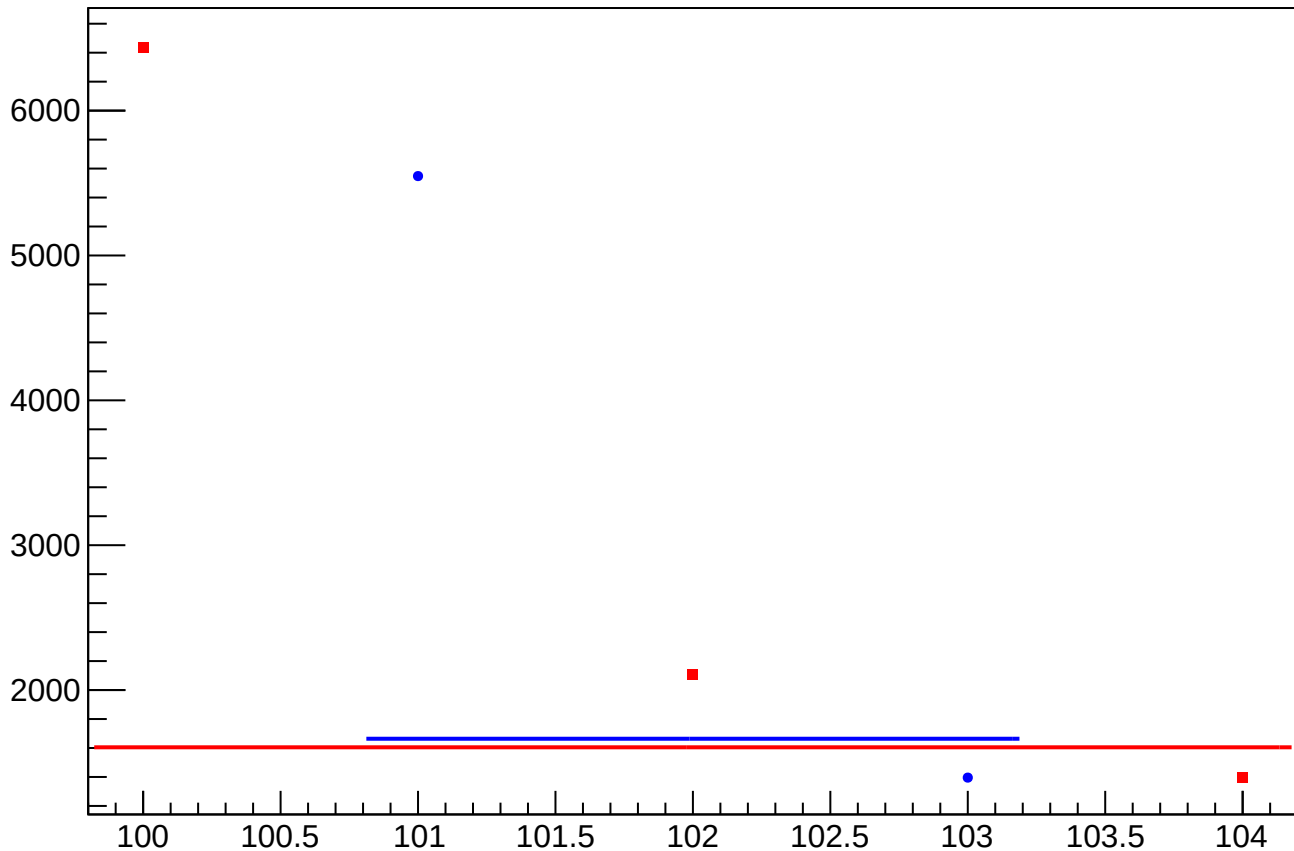
Right: 374.339+/-1204.886 χ^2 /NDF: 5.8/4

In: 1373.385+/-1742.009 χ^2 /NDF:3.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 374.339+/-1204.886 χ^2 /NDF: 5.8/4

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: 1604.774+/-1.180 χ^2/NDF : 151257.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

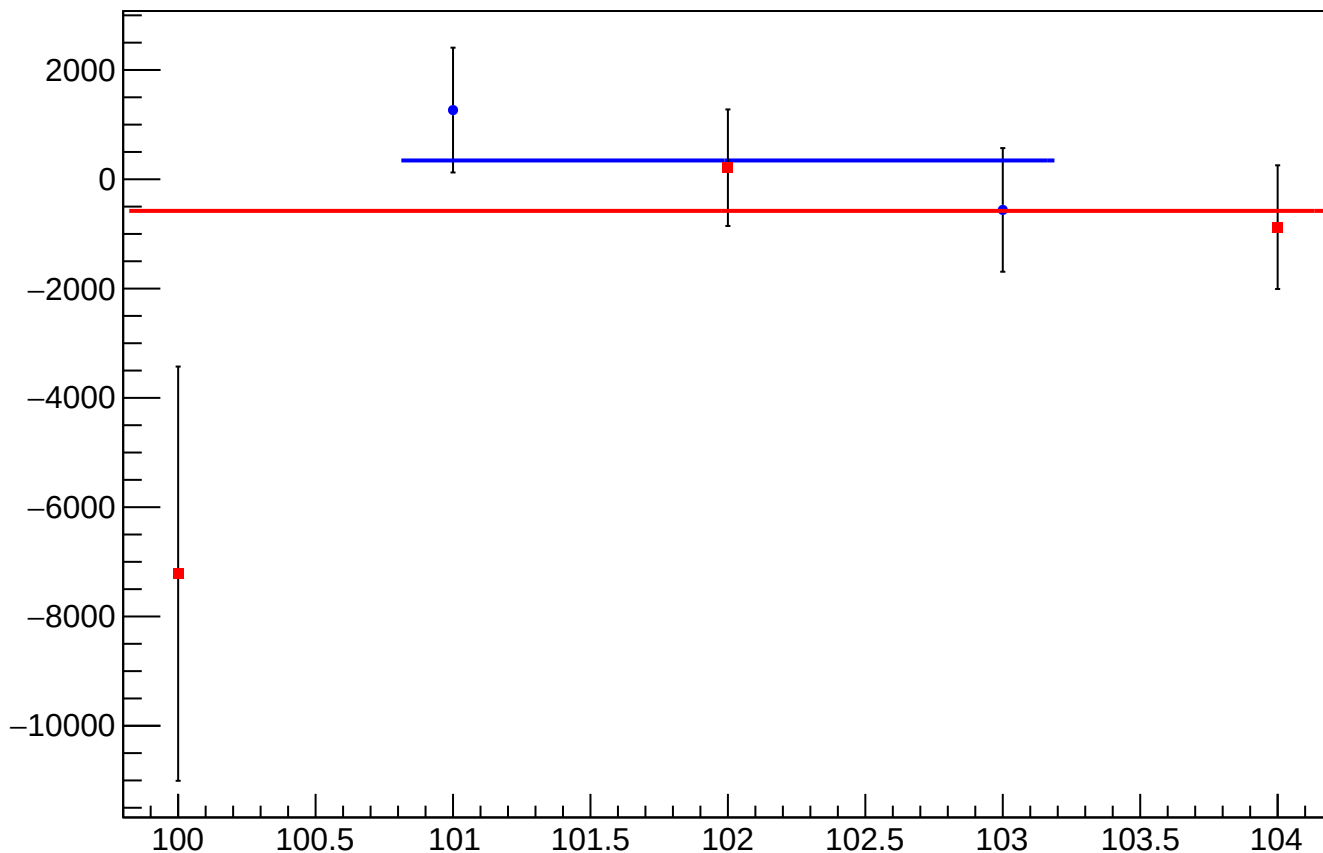
Right: 1633.068+/-0.852 χ^2/NDF : 839484.6/4

In: 1663.917+/-1.232 χ^2/NDF : 687024.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.068+/-0.852 χ^2/NDF : 839484.6/4

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: -578.131+/-760.327 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

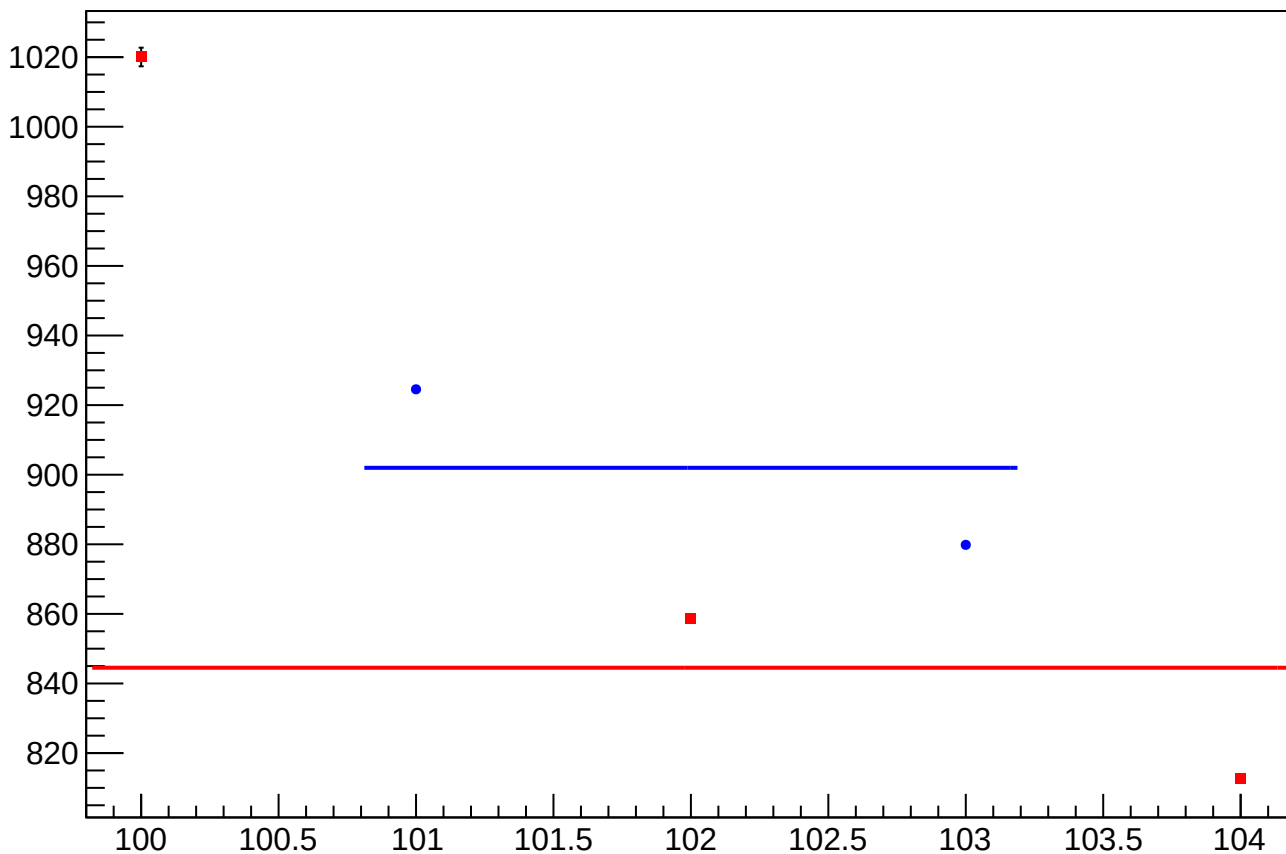
Right: -142.437+/-552.286 χ^2/NDF : 5.7/4

In: 344.220+/-803.566 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.437+/-552.286 χ^2/NDF : 5.7/4

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 901.980 $\pm$ 0.568 χ^2 /NDF: 1547.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 844.528 $\pm$ 0.538 χ^2 /NDF: 6215.7/2

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

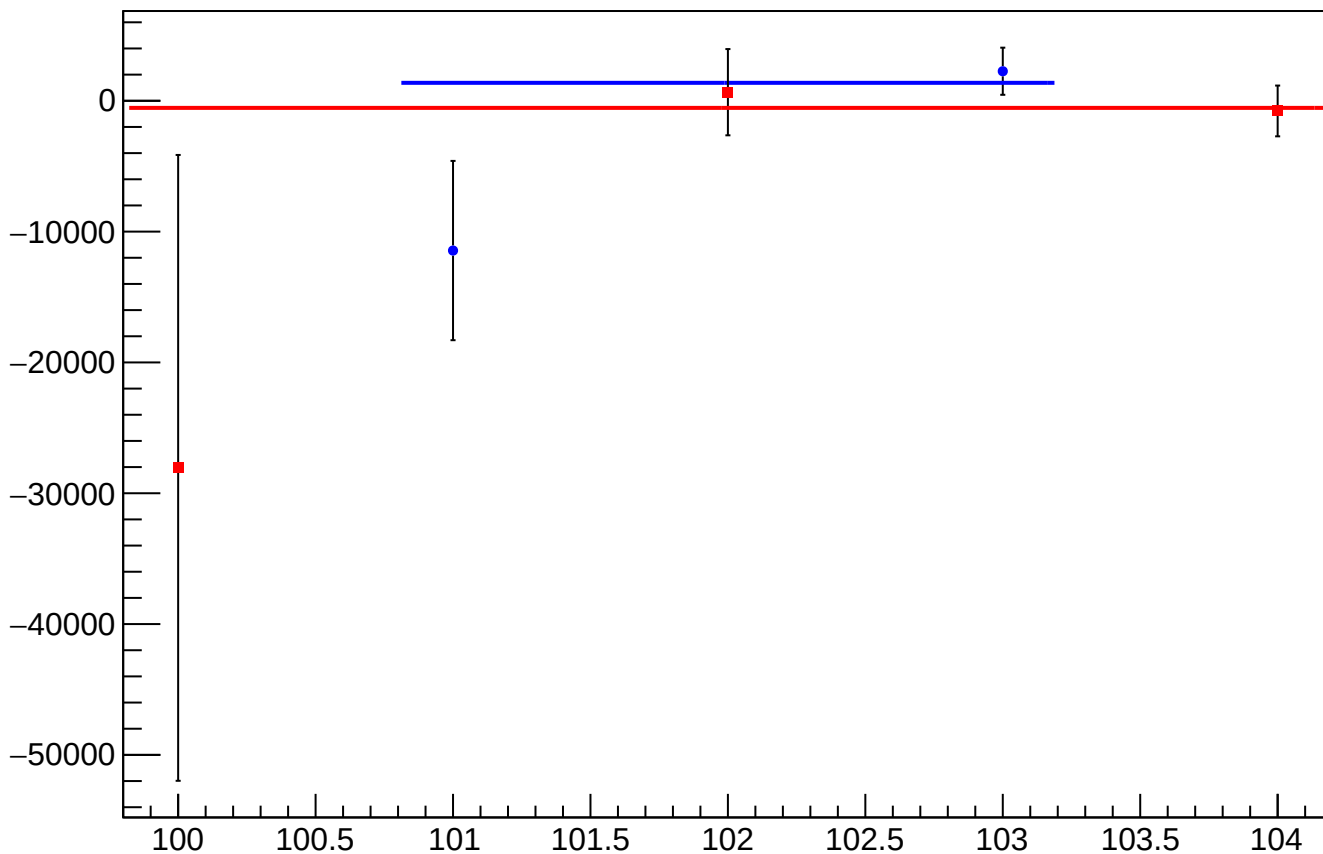
Right: 871.667 $\pm$ 0.391 χ^2 /NDF: 13157.3/4

In: 901.980 $\pm$ 0.568 χ^2 /NDF:1547.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 871.667 $\pm$ 0.391 χ^2 /NDF: 13157.3/4

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: -541.967+/-1668.311 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

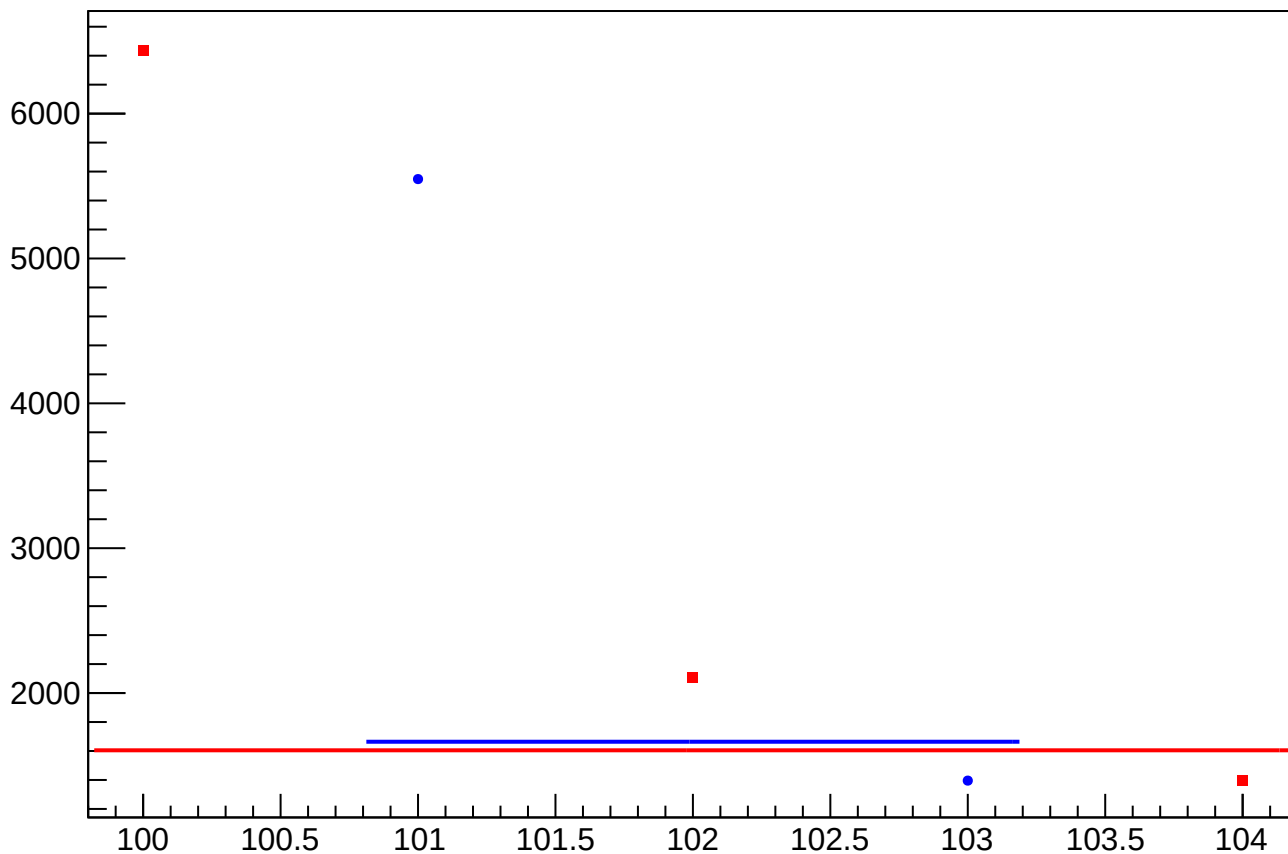
Right: 374.336+/-1204.886 χ^2 /NDF: 5.8/4

In: 1373.383+/-1742.008 χ^2 /NDF:3.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 374.336+/-1204.886 χ^2 /NDF: 5.8/4

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: 1604.774+/-1.180 χ^2/NDF : 151257.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

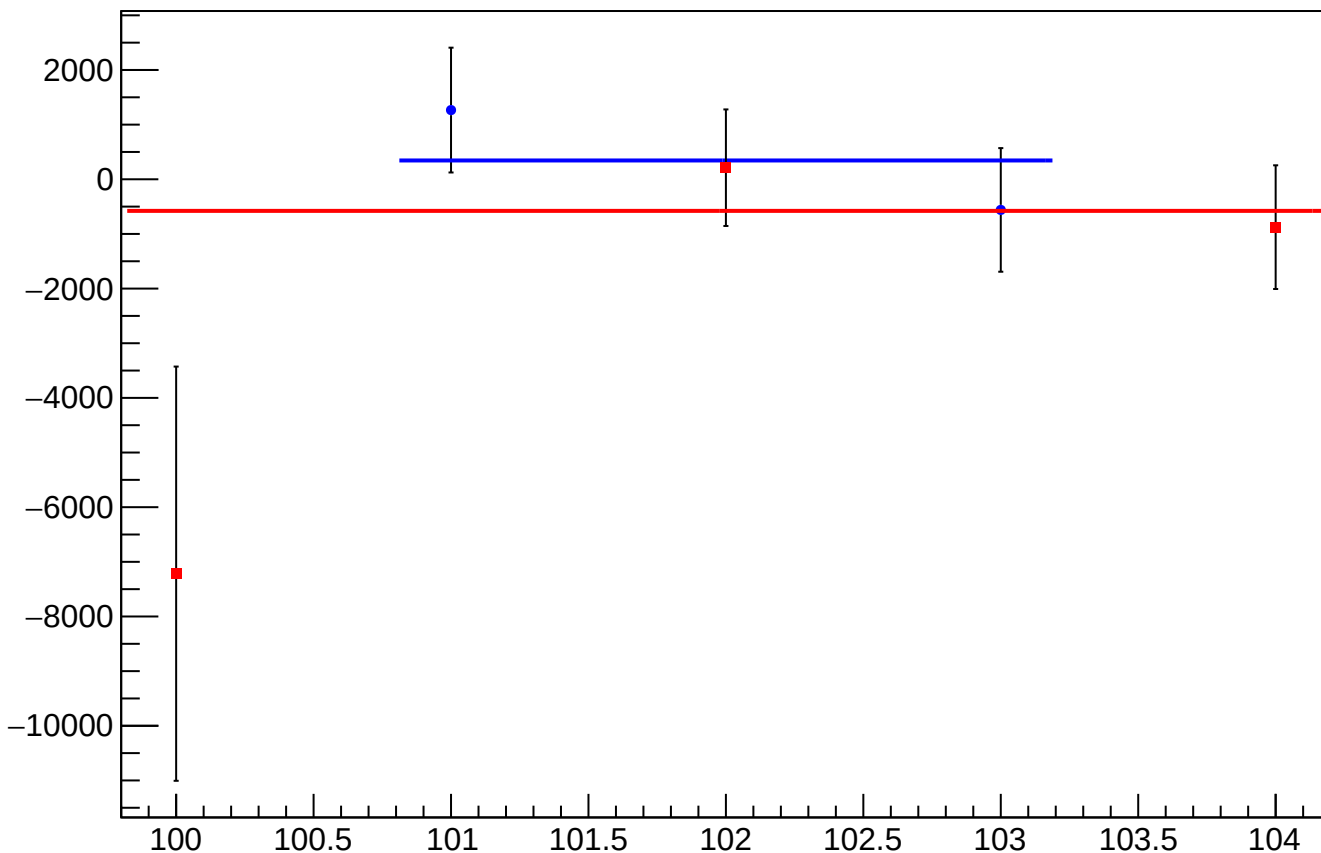
Right: 1633.068+/-0.852 χ^2/NDF : 839484.7/4

In: 1663.917+/-1.232 χ^2/NDF : 687025.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.068+/-0.852 χ^2/NDF : 839484.7/4

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: -578.133+/-760.329 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

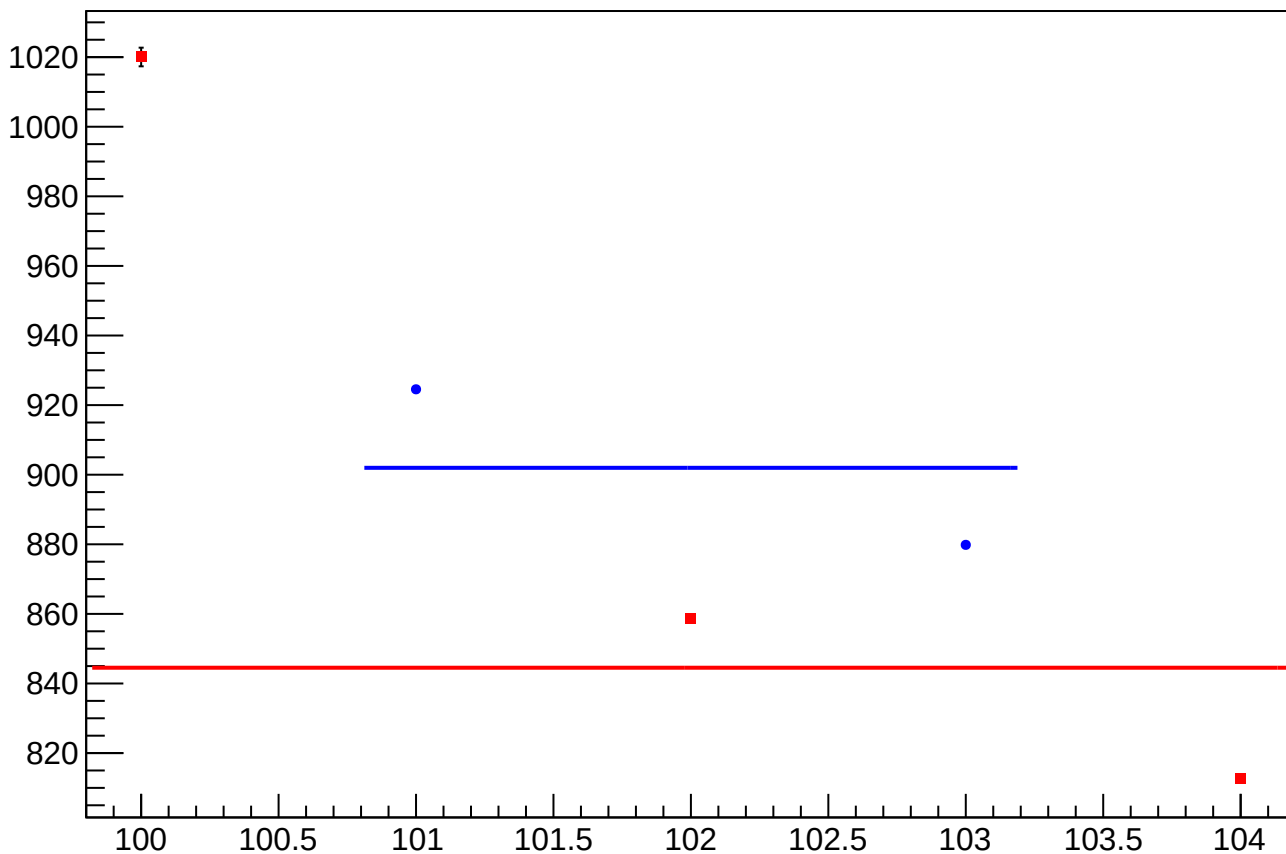
Right: -142.436+/-552.287 χ^2/NDF : 5.7/4

In: 344.221+/-803.566 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.436+/-552.287 χ^2/NDF : 5.7/4

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: 844.530+/-0.538 χ^2/NDF : 6215.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

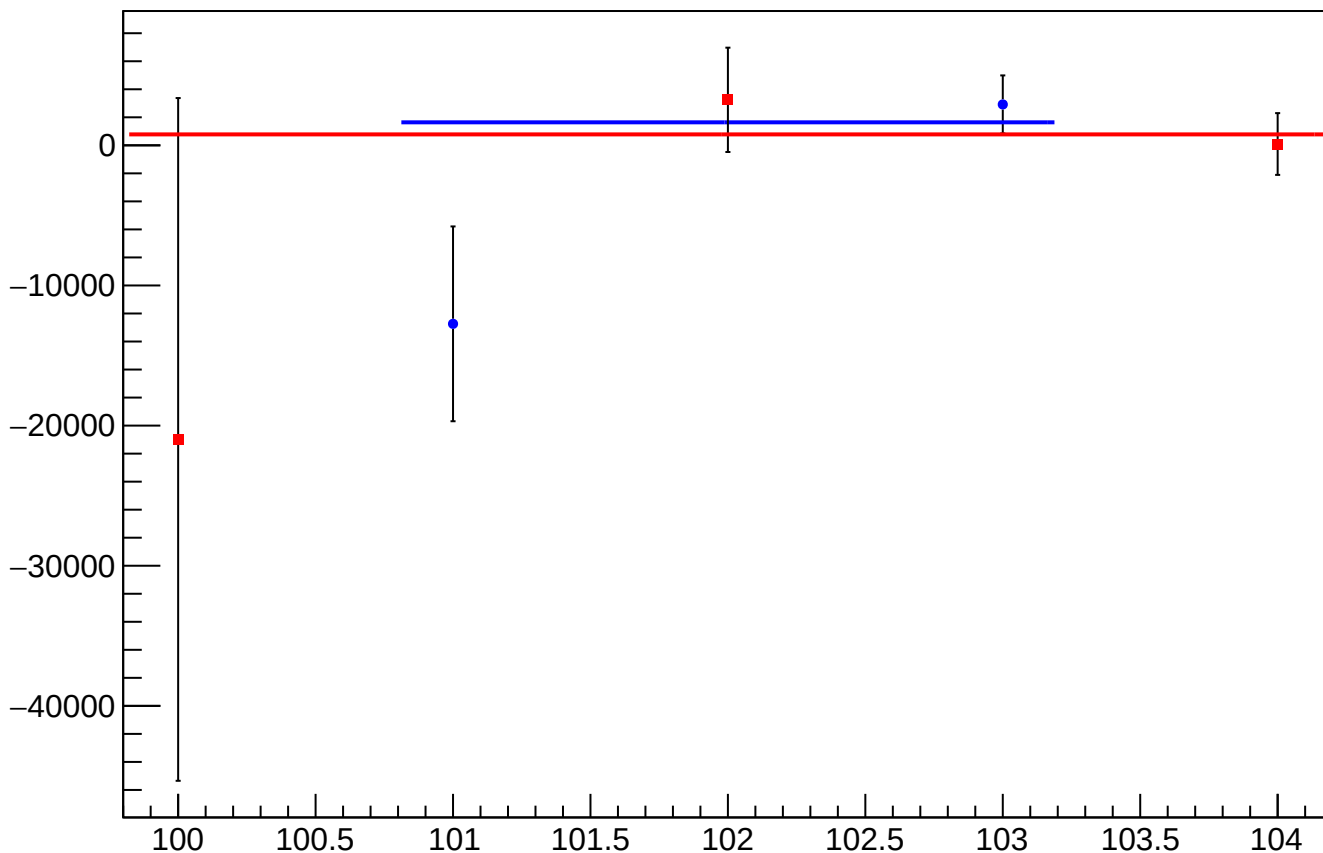
Right: 871.668+/-0.391 χ^2/NDF : 13156.6/4

In: 901.980+/-0.568 χ^2/NDF : 1547.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.668+/-0.391 χ^2/NDF : 13156.6/4

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: 780.591+/-1890.658 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

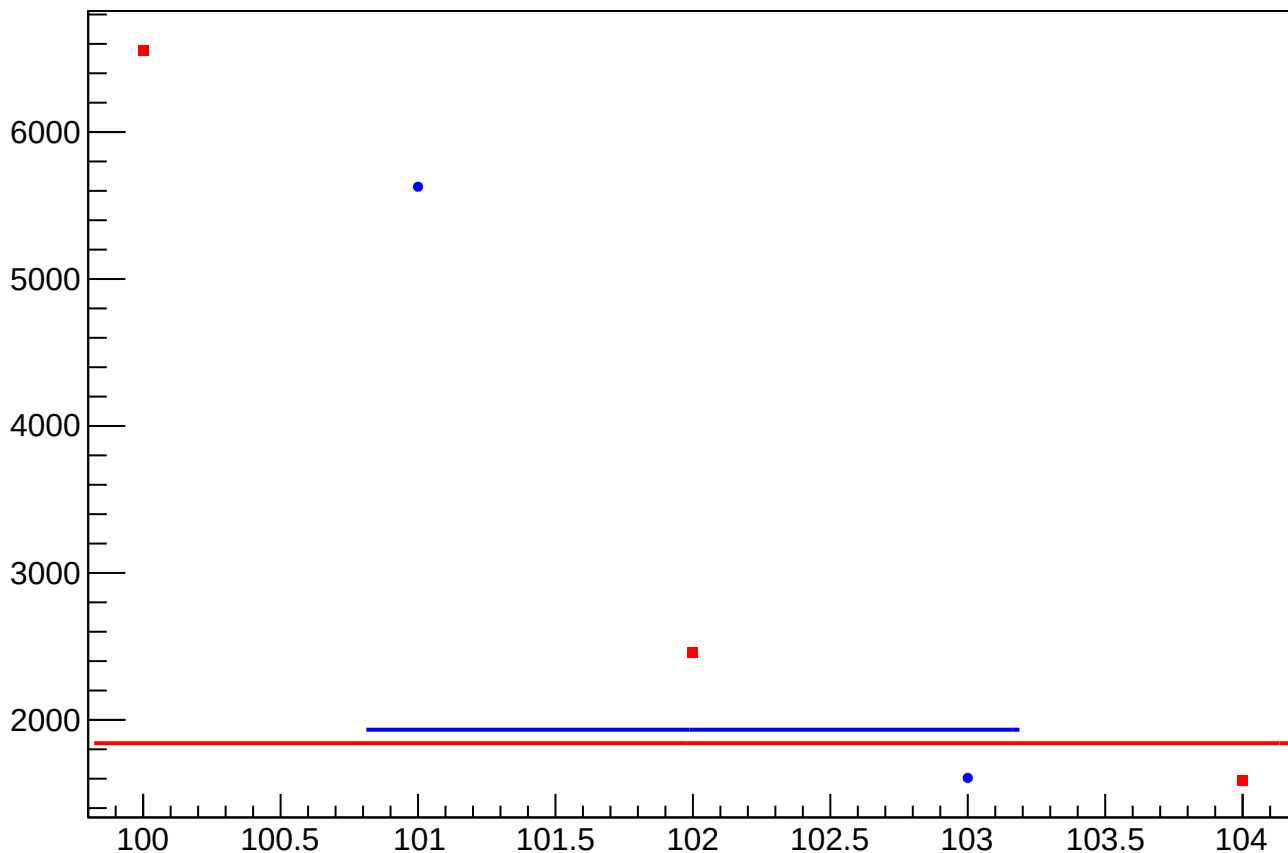
Right: 1190.183+/-1368.967 χ^2/NDF : 6.1/4

In: 1641.577+/-1984.795 χ^2/NDF : 4.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1190.183+/-1368.967 χ^2/NDF : 6.1/4

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: 1841.545+/-1.337 χ^2/NDF : 156211.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

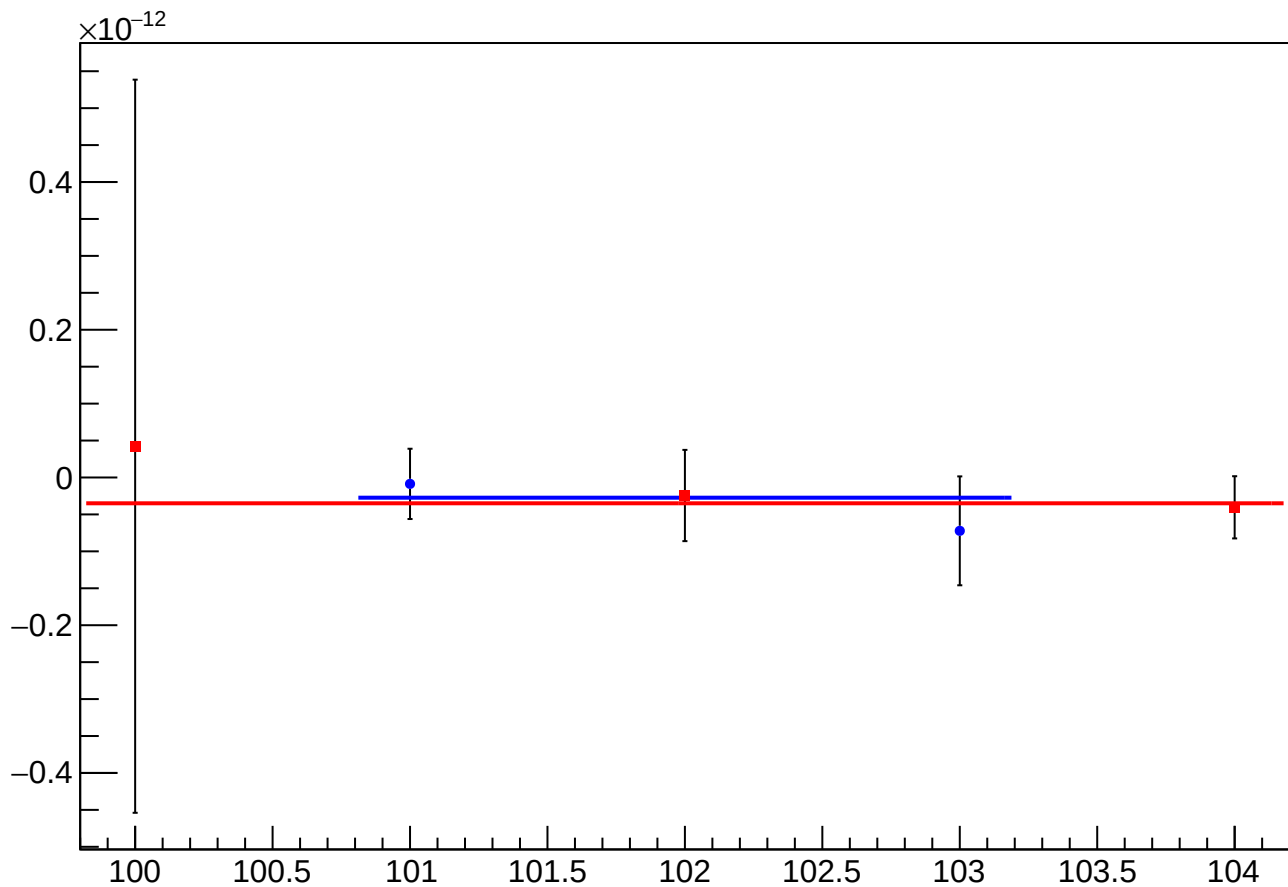
Right: 1885.224+/-0.968 χ^2/NDF : 773742.5/4

In: 1933.363+/-1.403 χ^2/NDF : 615287.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.224+/-0.968 χ^2/NDF : 773742.5/4

asym_usr_atr1_dd_reg_vs_slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

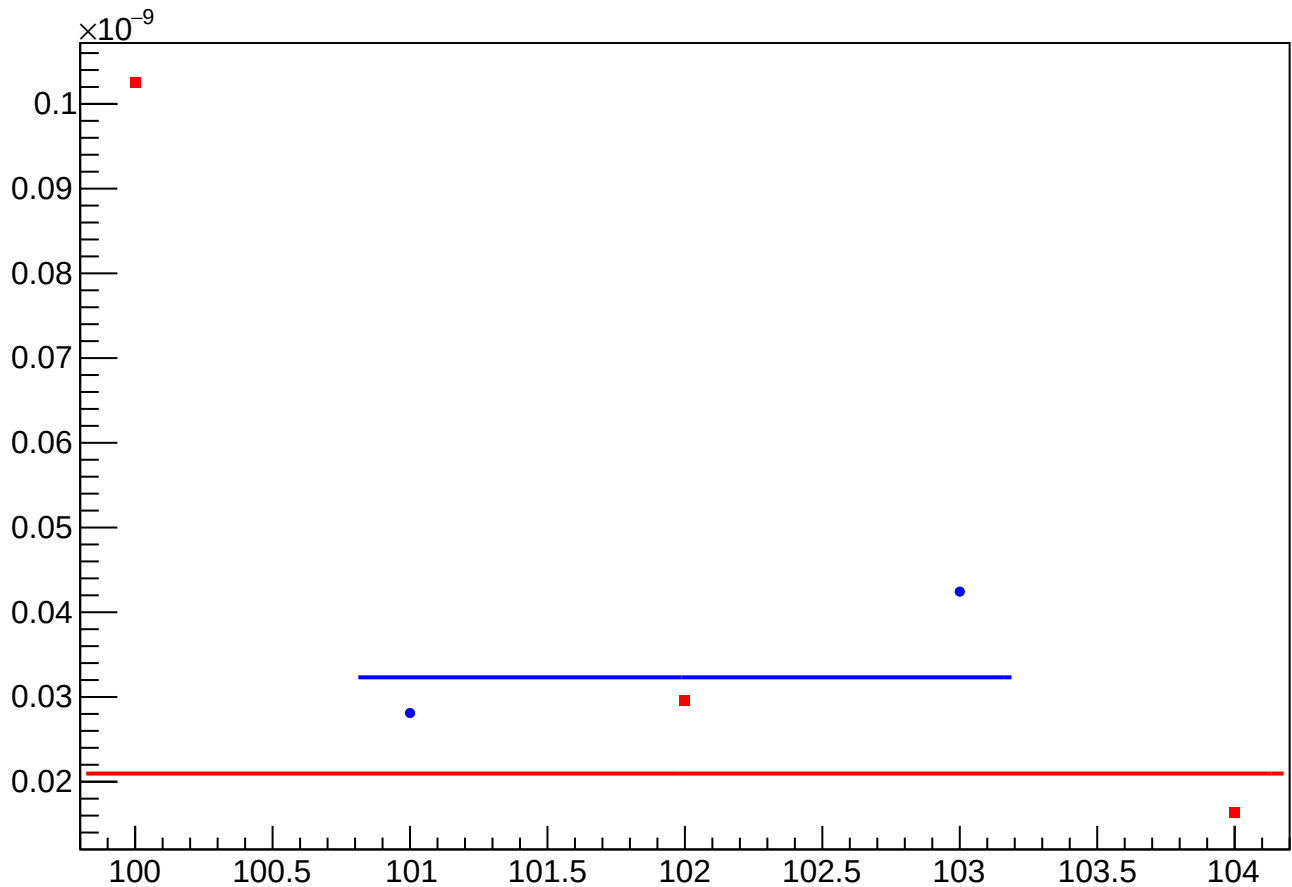
Right: -0.000+/-0.000 χ^2/NDF : 0.6/4

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 : 0.6/4

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 : 116963.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

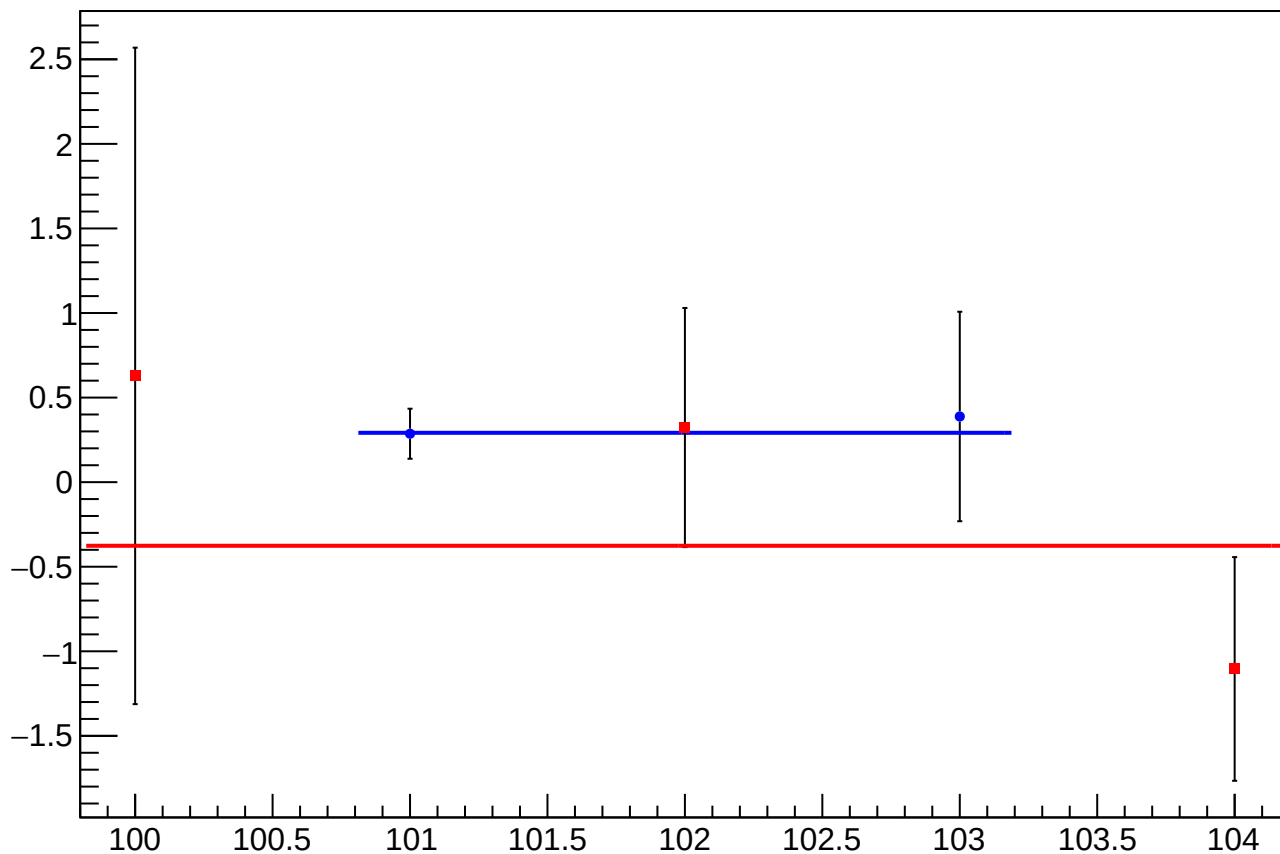
Right: 0.000+/-0.000 χ^2/NDF : 262415.1/4

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 : 262415.1/4

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: -0.376 $\pm$ 0.469 χ^2/NDF : 2.5/2

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

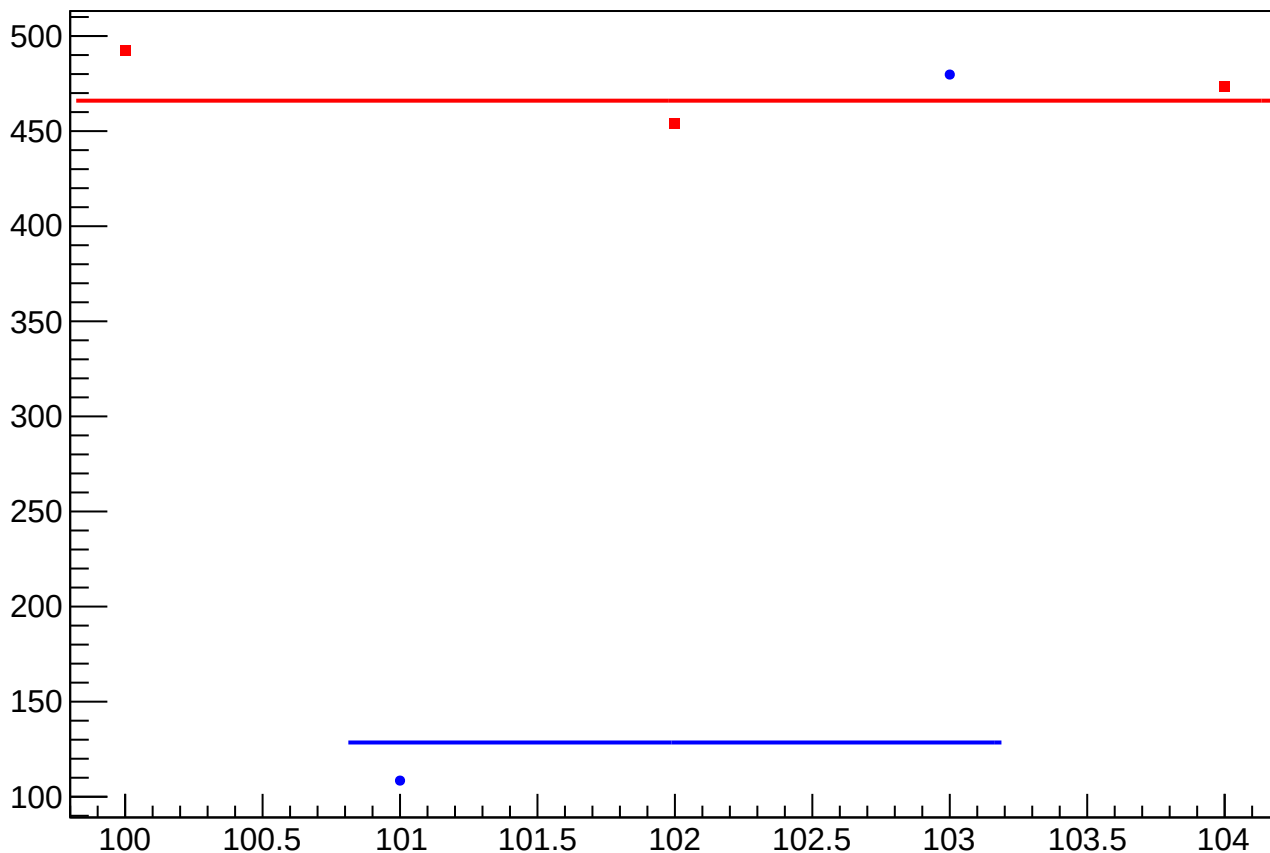
Right: 0.234 $\pm$ 0.138 χ^2/NDF : 4.3/4

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: 0.234 $\pm$ 0.138 χ^2/NDF : 4.3/4

asym_usr_atr1_dd_dit_vs_cor_diff_rms 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: 466.012+/-0.331 χ^2/NDF : 1220.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

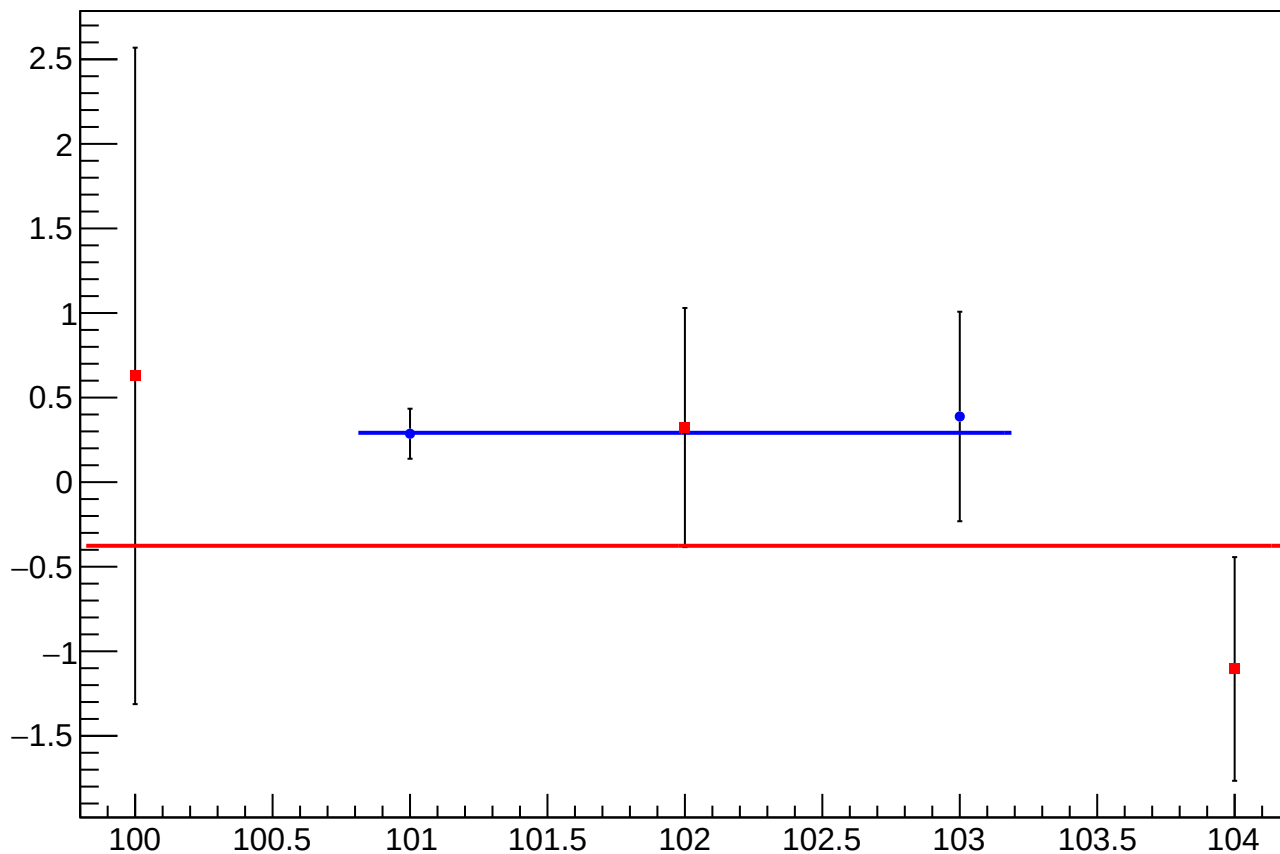
Right: 157.605+/-0.097 χ^2/NDF : 1628878.6/4

In: 128.532+/-0.102 χ^2/NDF : 679802.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.605+/-0.097 χ^2/NDF : 1628878.6/4

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.292 $\pm$ 0.144 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.376 $\pm$ 0.469 χ^2 /NDF: 2.5/2

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

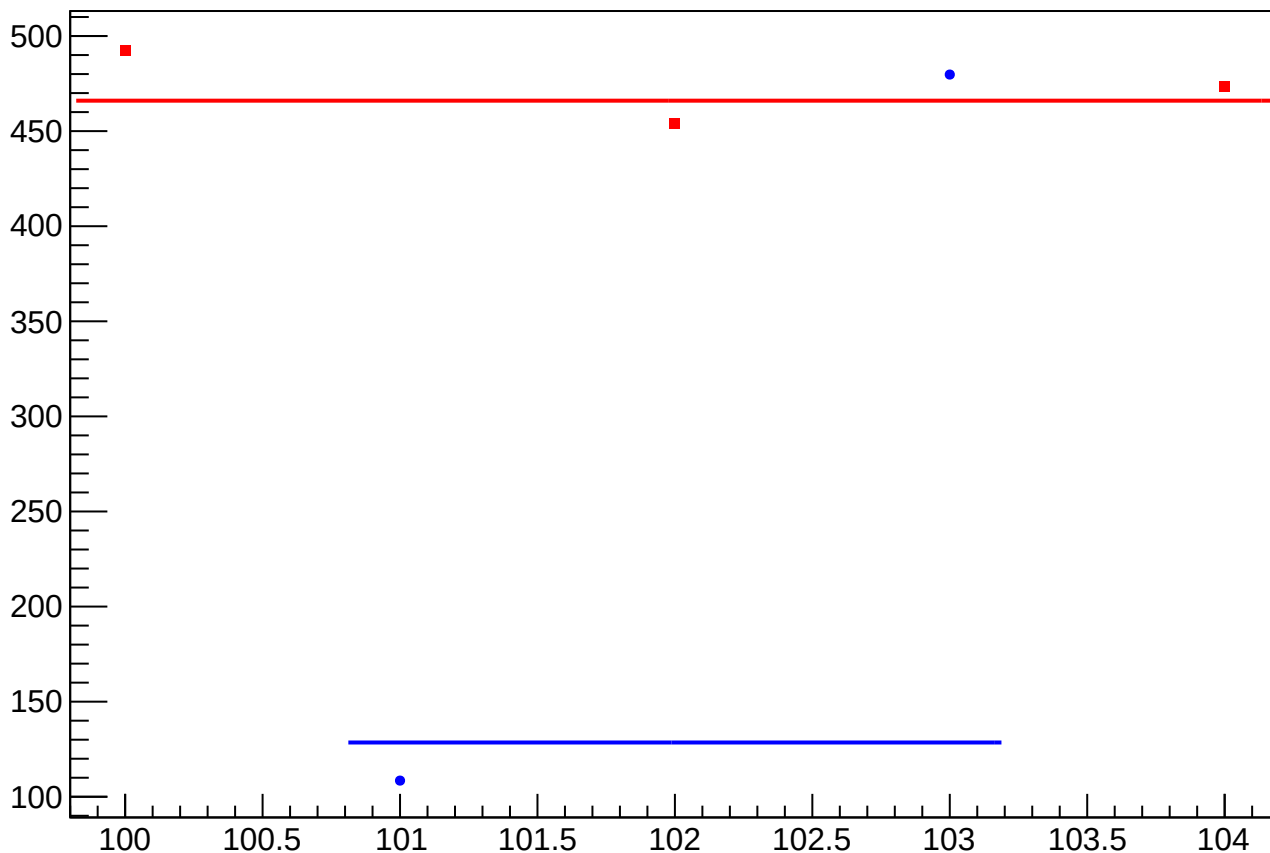
Right: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 466.012 $\pm$ 0.331 χ^2 /NDF: 1220.8/2

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

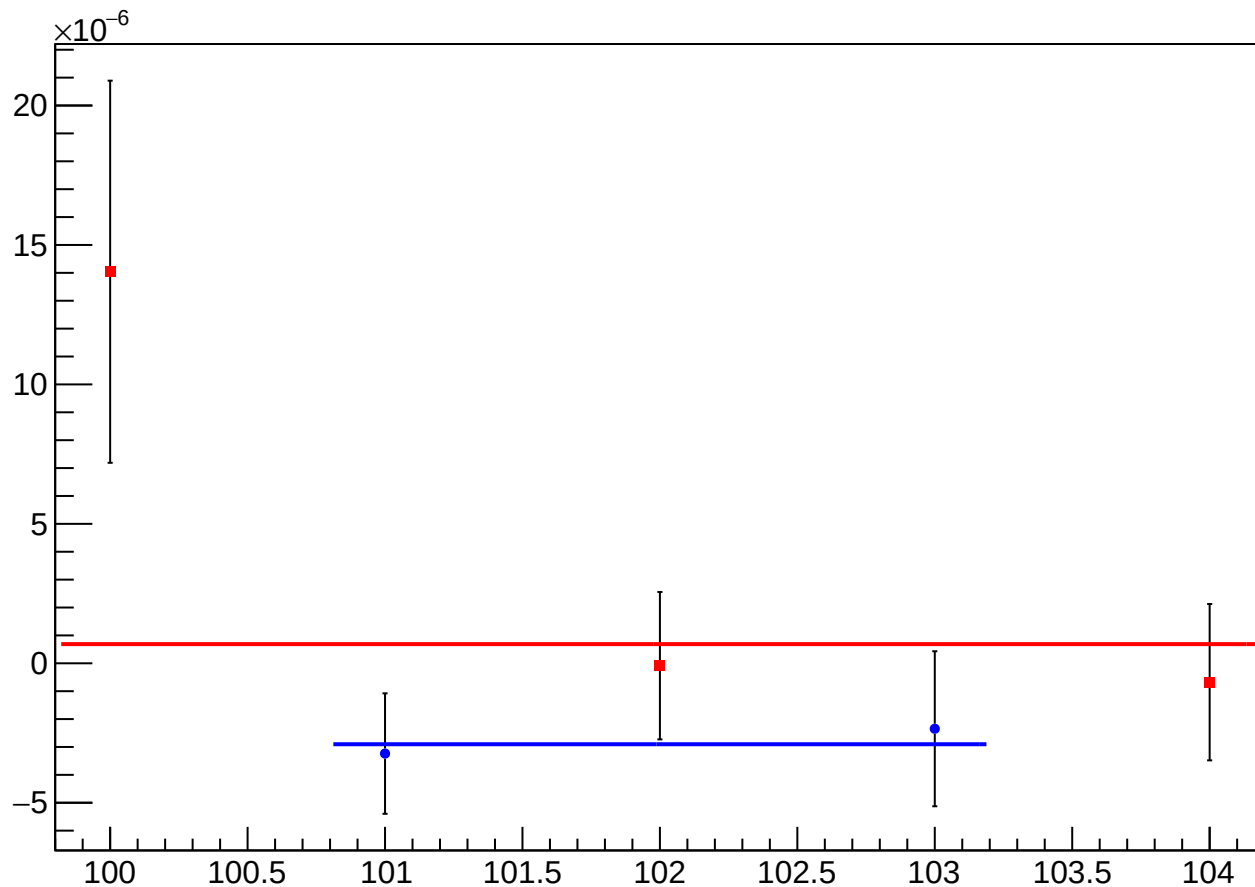
Right: 157.605 $\pm$ 0.097 χ^2 /NDF: 1628878.6/4

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: 157.605 $\pm$ 0.097 χ^2 /NDF: 1628878.6/4

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 : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

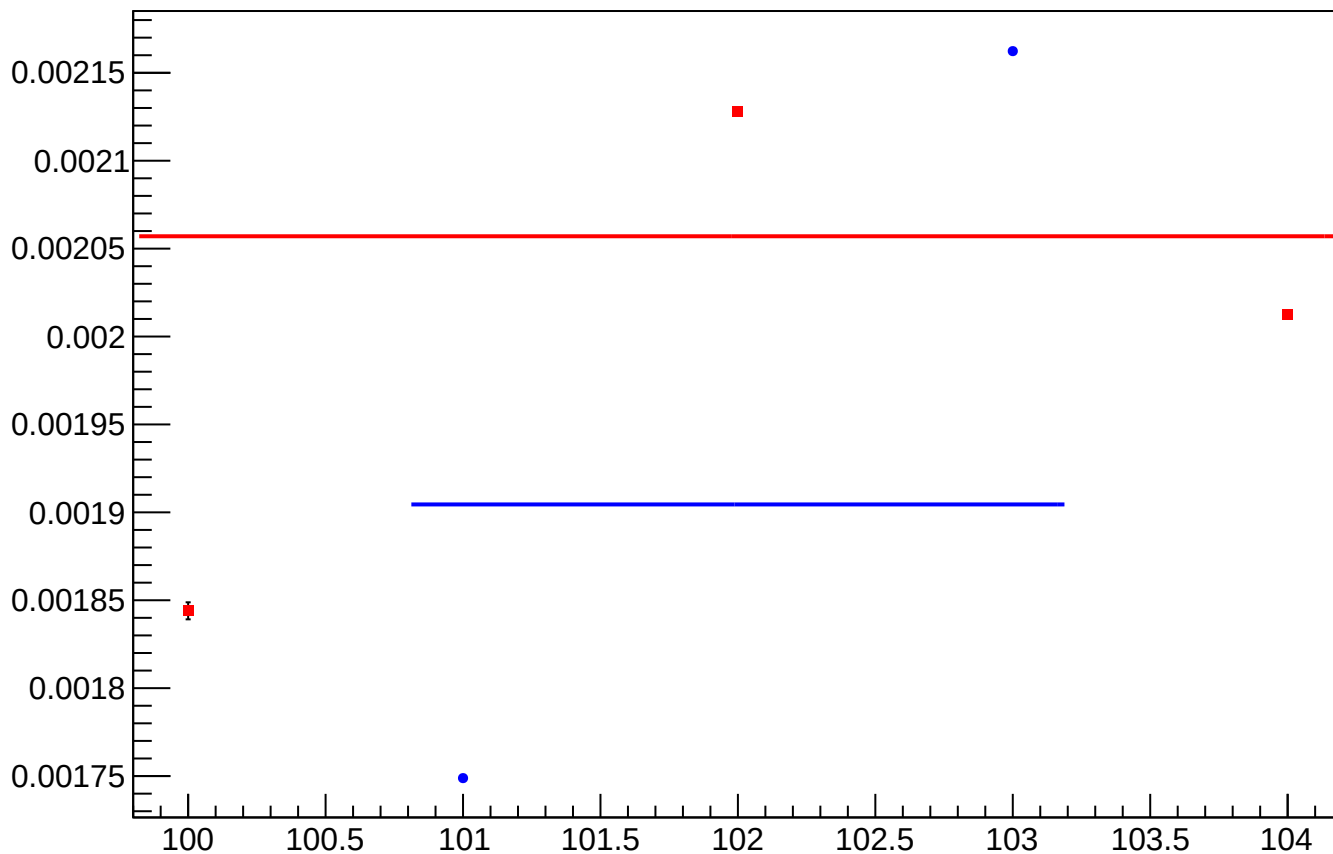
Right: -0.000+/-0.000 χ^2/NDF : 6.2/4

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 : 6.2/4

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 : 3877.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

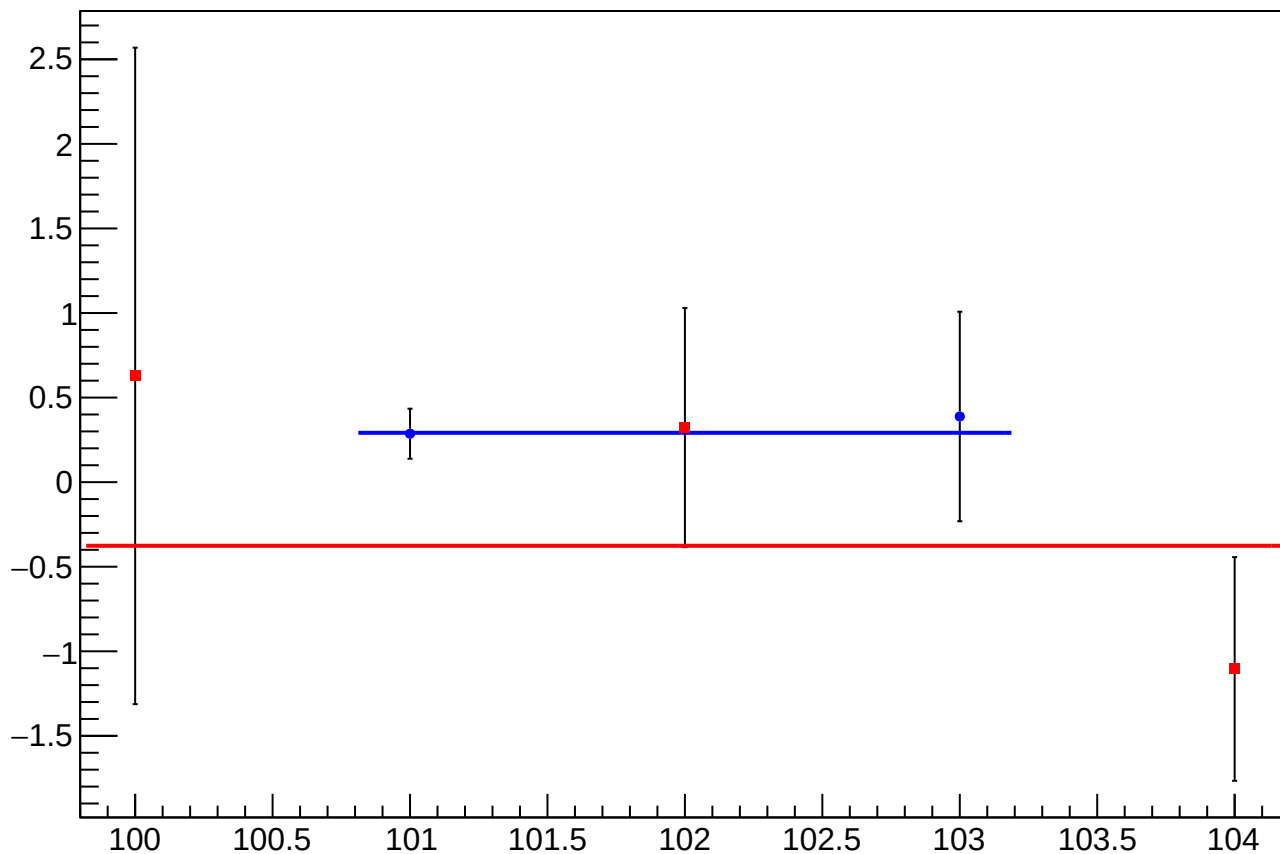
Right: 0.002+/-0.000 χ^2/NDF : 38824.3/4

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 : 38824.3/4

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: -0.376 $\pm$ 0.469 χ^2 /NDF: 2.5/2

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

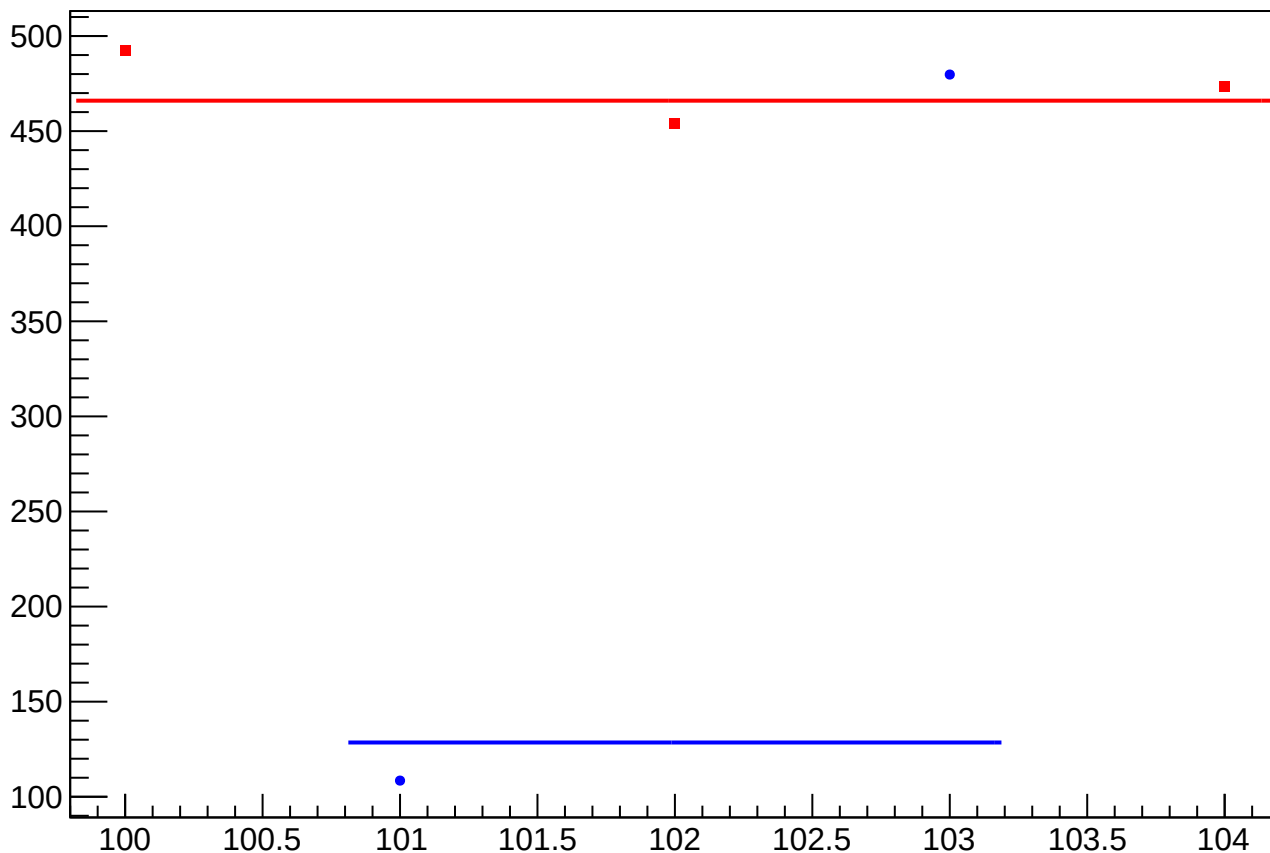
Right: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 466.012 $\pm$ 0.331 χ^2 /NDF: 1220.6/2

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

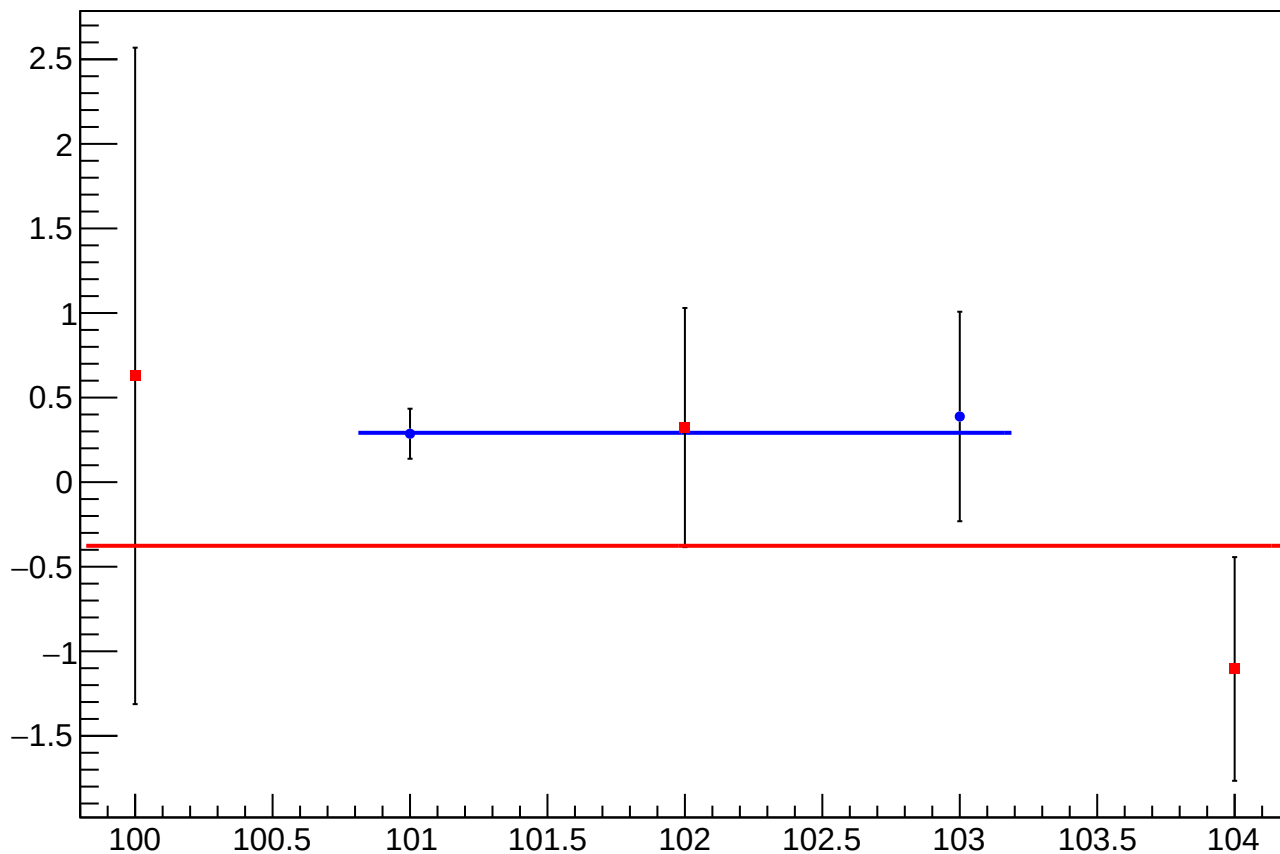
Right: 157.606 $\pm$ 0.097 χ^2 /NDF: 1628876.7/4

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: 157.606 $\pm$ 0.097 χ^2 /NDF: 1628876.7/4

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: -0.376 $\pm$ 0.469 χ^2 /NDF: 2.5/2

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

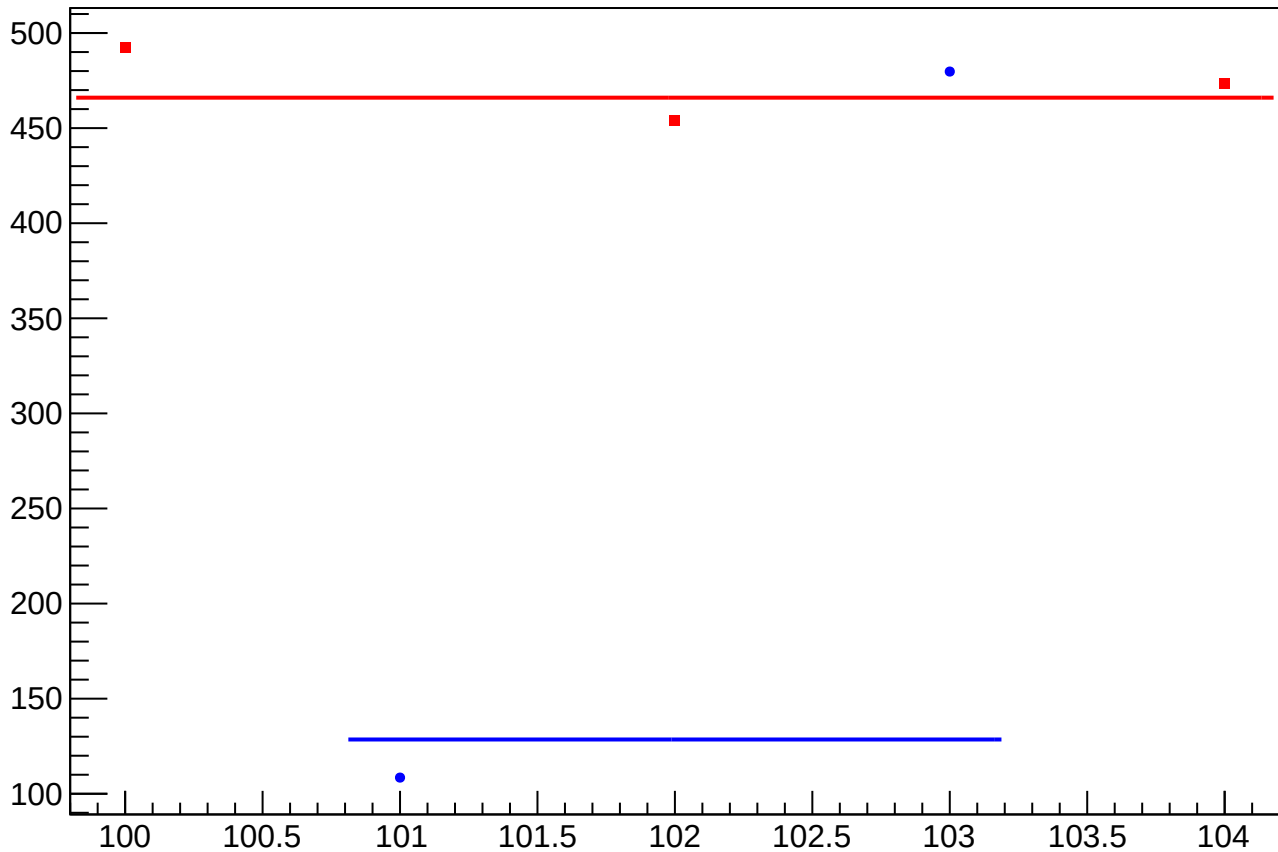
Right: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 0.234 $\pm$ 0.138 χ^2 /NDF: 4.3/4

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: 466.012 $\pm$ 0.331 χ^2 /NDF: 1220.6/2

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

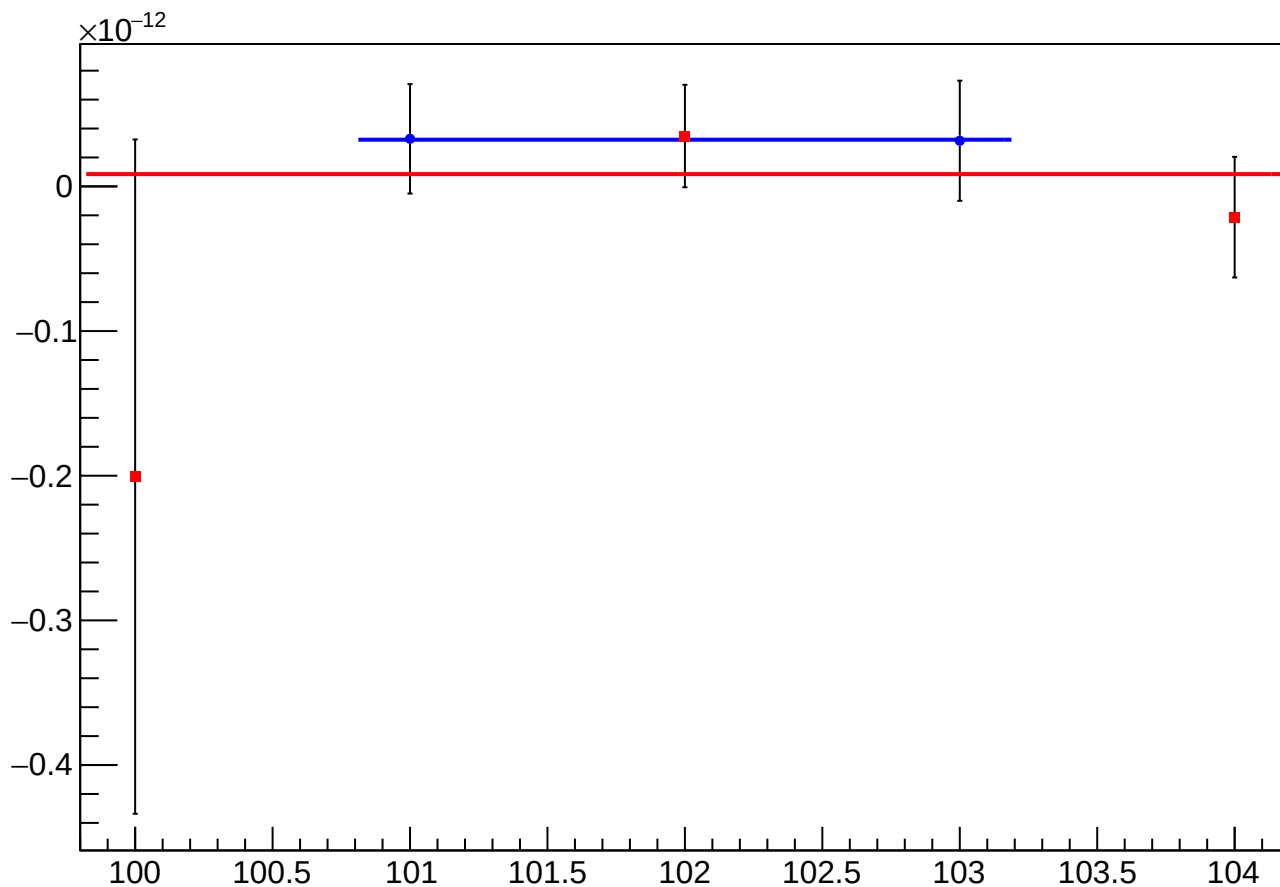
Right: 157.606 $\pm$ 0.097 χ^2 /NDF: 1628876.7/4

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: 157.606 $\pm$ 0.097 χ^2 /NDF: 1628876.7/4

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 : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

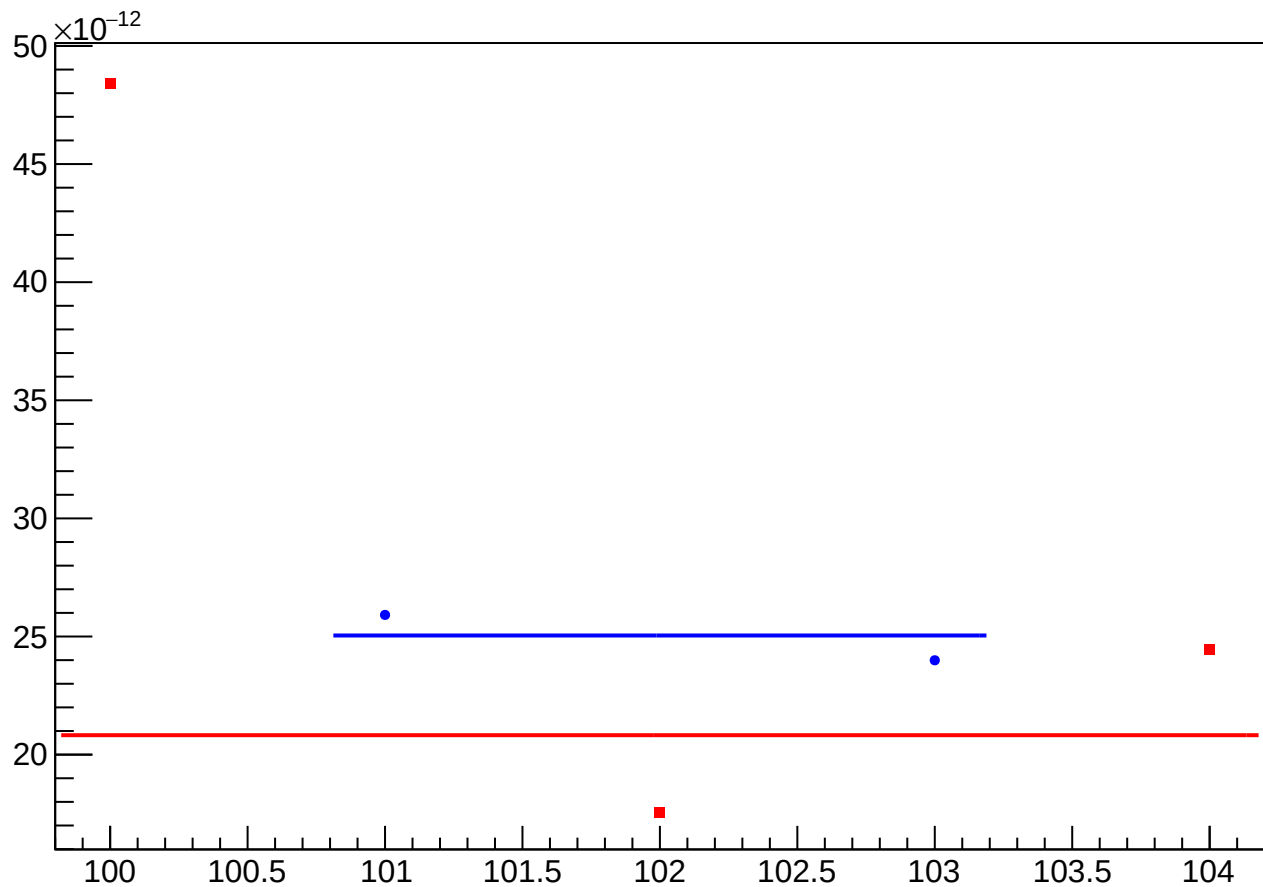
Right: 0.000+/-0.000 χ^2/NDF : 2.2/4

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 60172.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

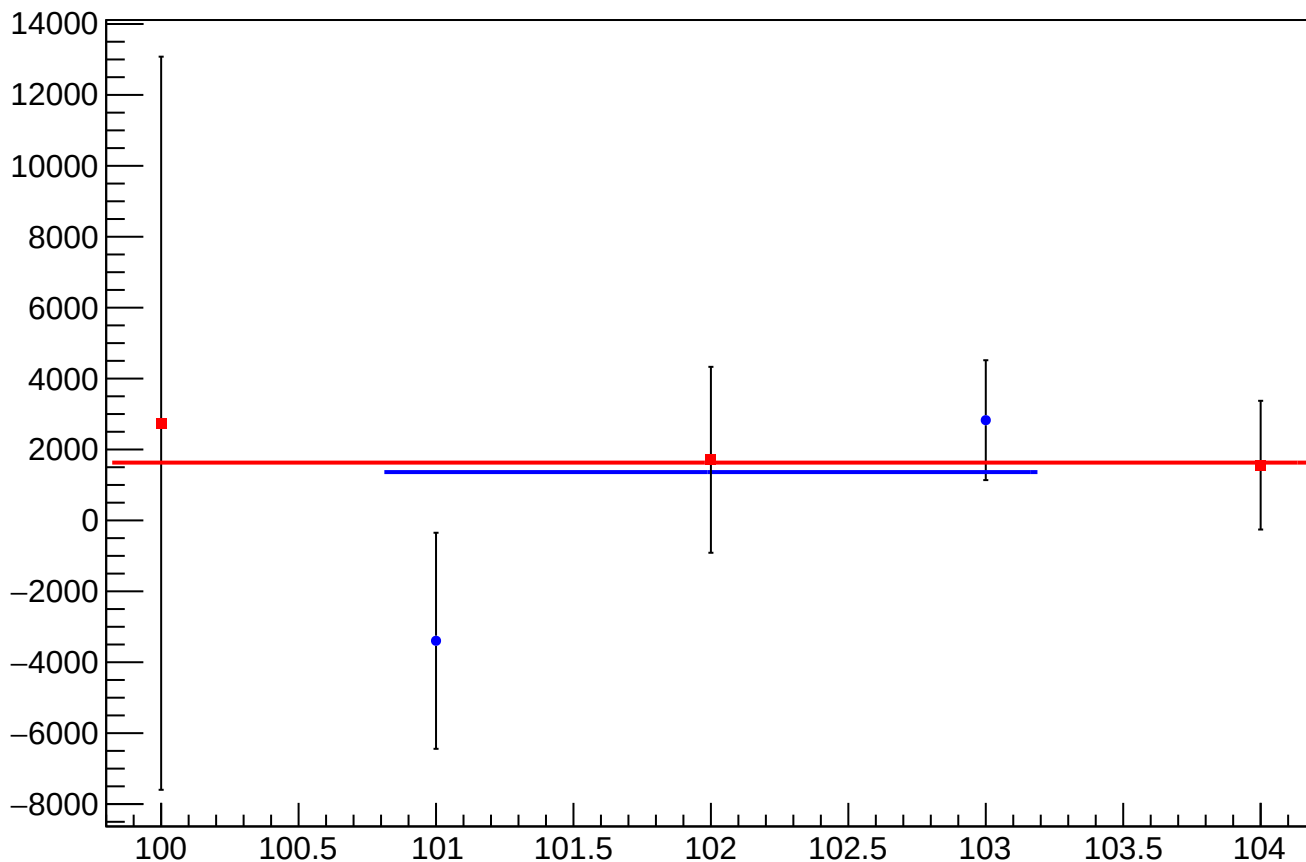
Right: 0.000+/-0.000 χ^2/NDF : 86246.0/4

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 : 86246.0/4

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: 1630.093+/-1477.044 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

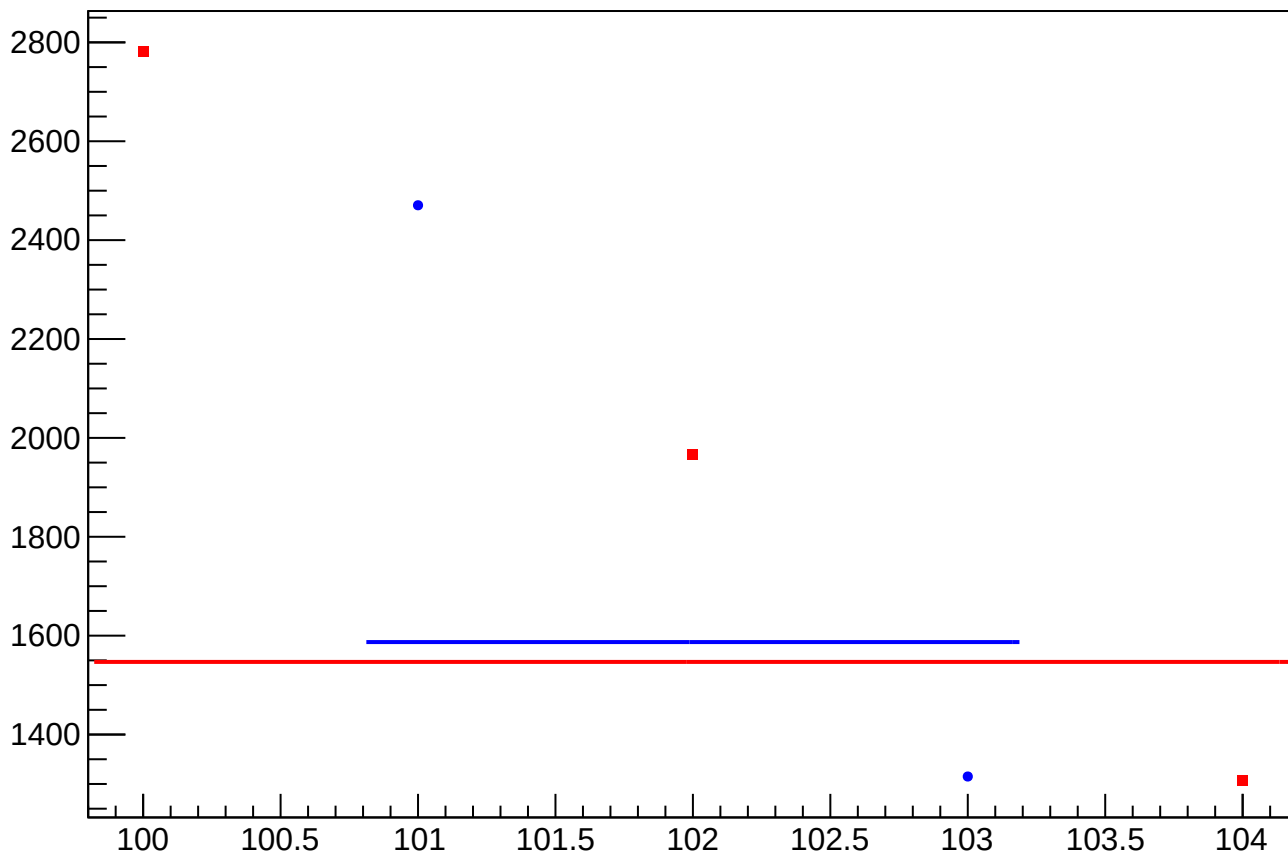
Right: 1496.575+/-1044.802 χ^2/NDF : 3.2/4

In: 1362.867+/-1478.103 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1496.575+/-1044.802 χ^2/NDF : 3.2/4

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: 1546.884+/-1.044 χ^2/NDF : 114496.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

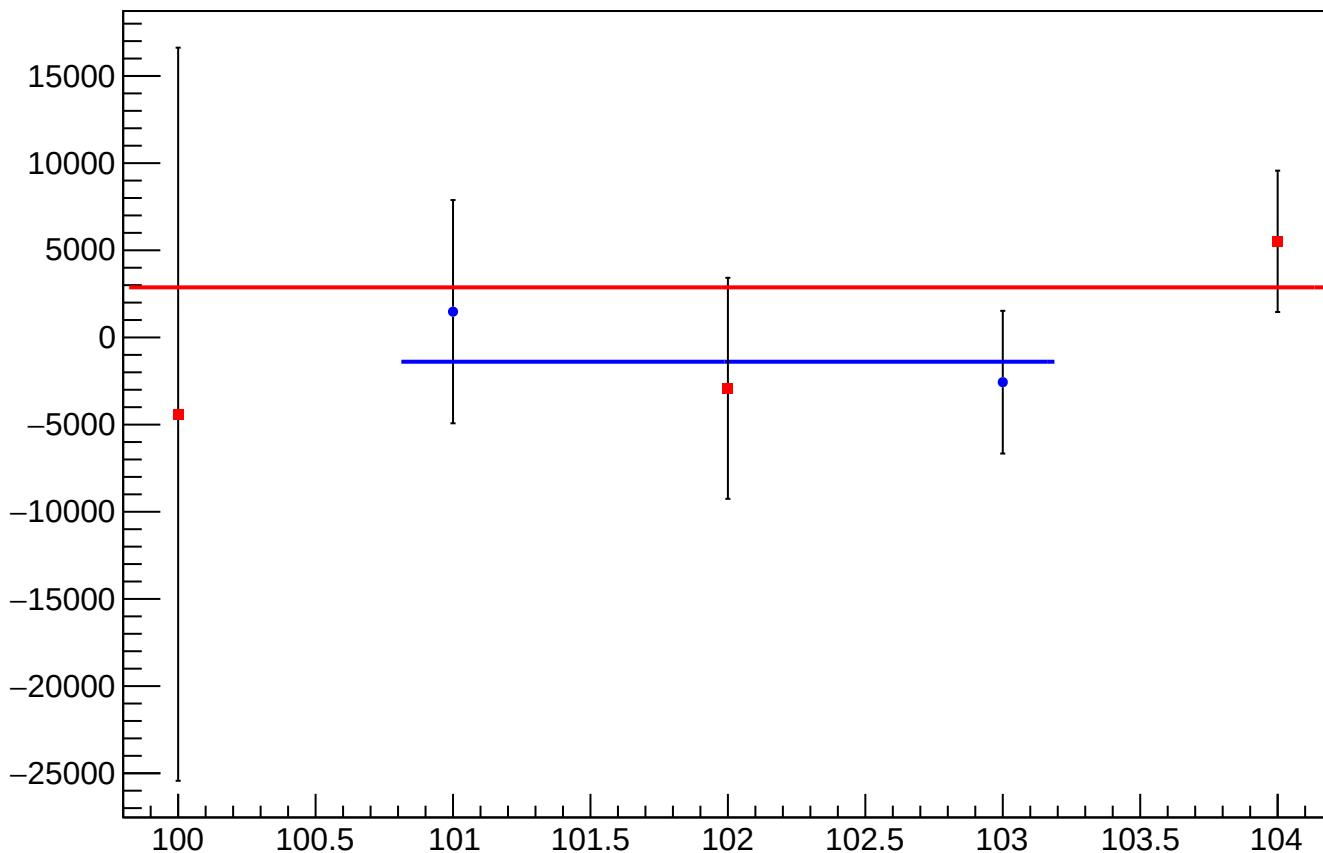
Right: 1566.941+/-0.739 χ^2/NDF : 335168.7/4

In: 1587.027+/-1.045 χ^2/NDF : 219934.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.941+/-0.739 χ^2/NDF : 335168.7/4

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: 2874.249+/-3371.586 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

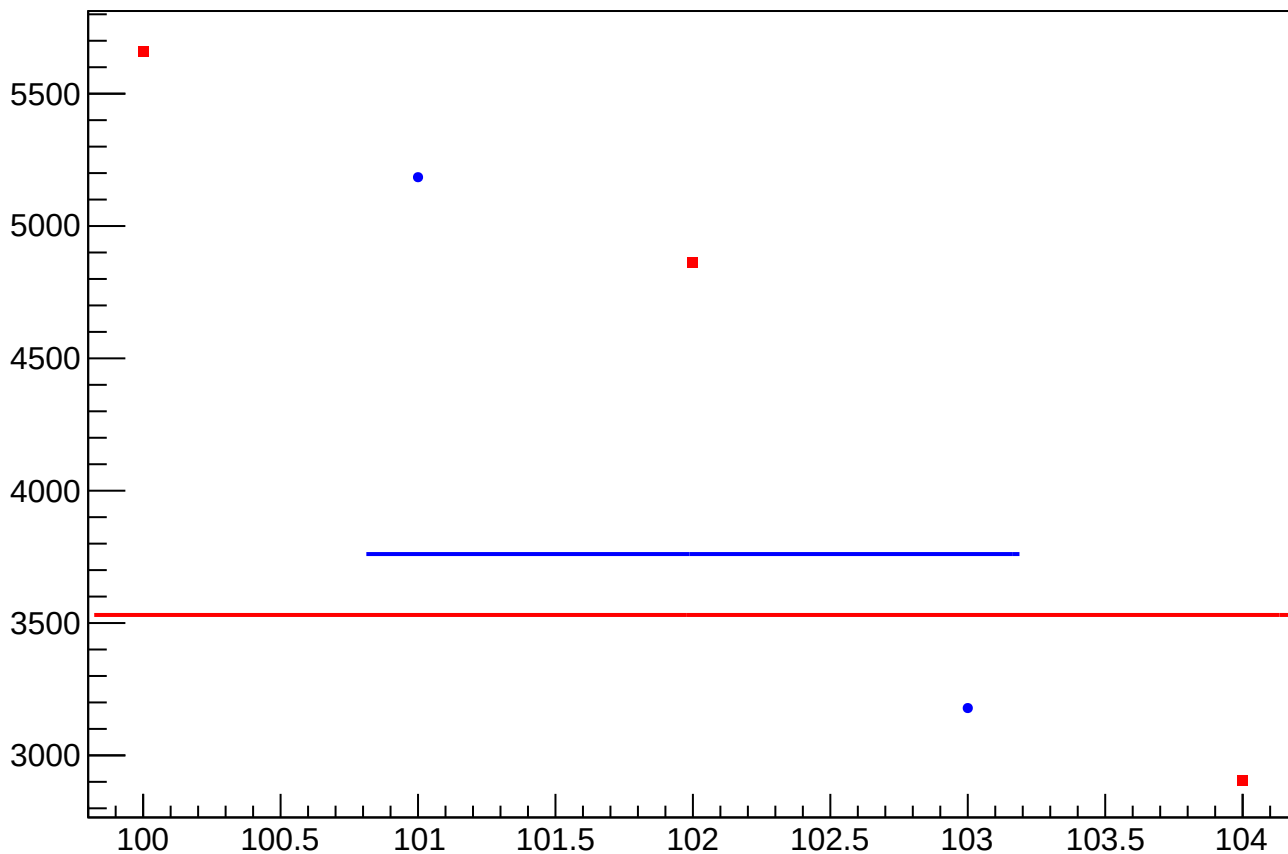
Right: 789.297+/-2410.936 χ^2/NDF : 2.4/4

In: -1392.355+/-3448.886 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.297+/-2410.936 χ^2/NDF : 2.4/4

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: 3530.521+/-2.384 χ^2/NDF : 156028.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

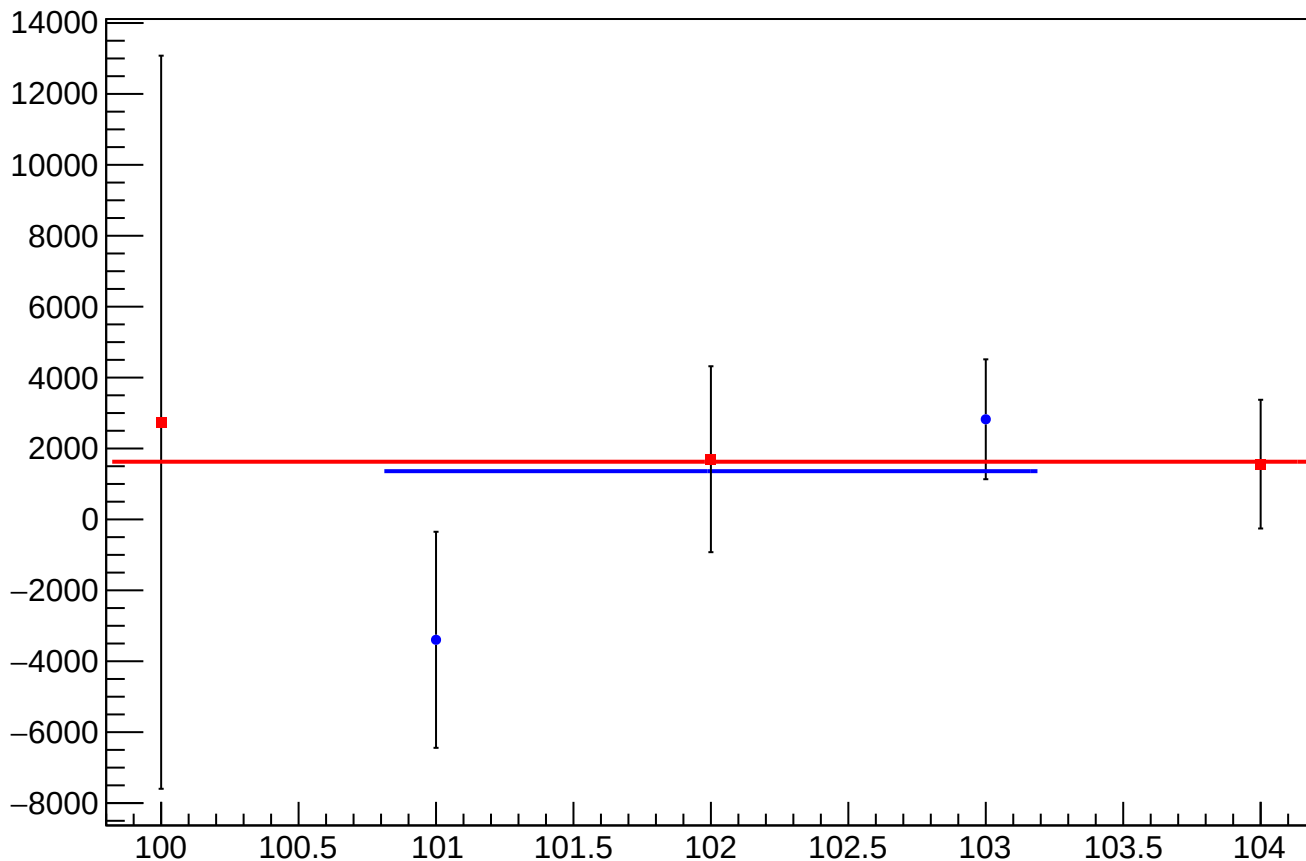
Right: 3642.967+/-1.705 χ^2/NDF : 299878.8/4

In: 3760.628+/-2.439 χ^2/NDF : 139297.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3642.967+/-1.705 χ^2/NDF : 299878.8/4

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: 1627.111+/-1477.047 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

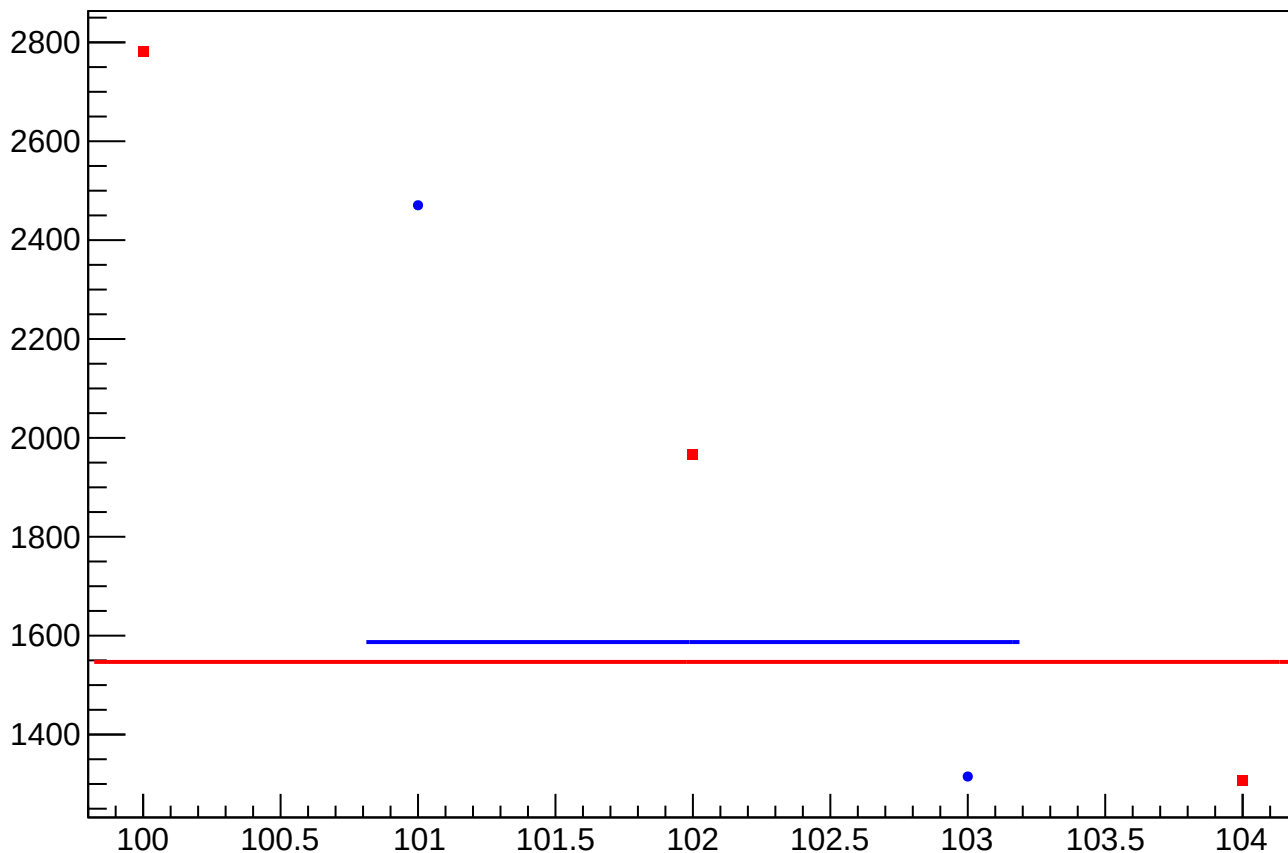
Right: 1493.926+/-1044.804 χ^2/NDF : 3.2/4

In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.926+/-1044.804 χ^2/NDF : 3.2/4

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: 1546.886+/-1.044 χ^2/NDF : 114496.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

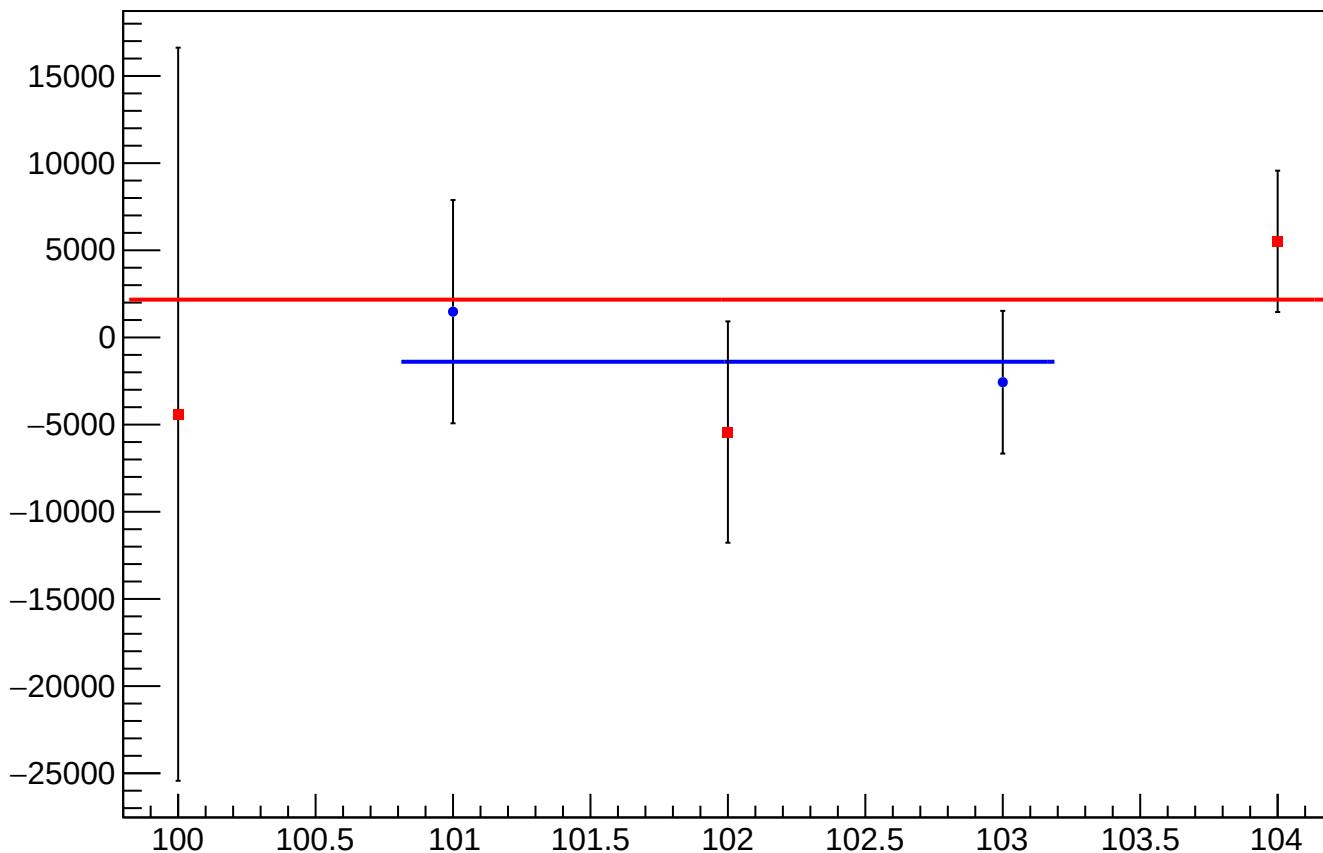
Right: 1566.943+/-0.739 χ^2/NDF : 335168.2/4

In: 1587.029+/-1.045 χ^2/NDF : 219933.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1566.943+/-0.739 χ^2/NDF : 335168.2/4

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: 2170.610+/-3372.991 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

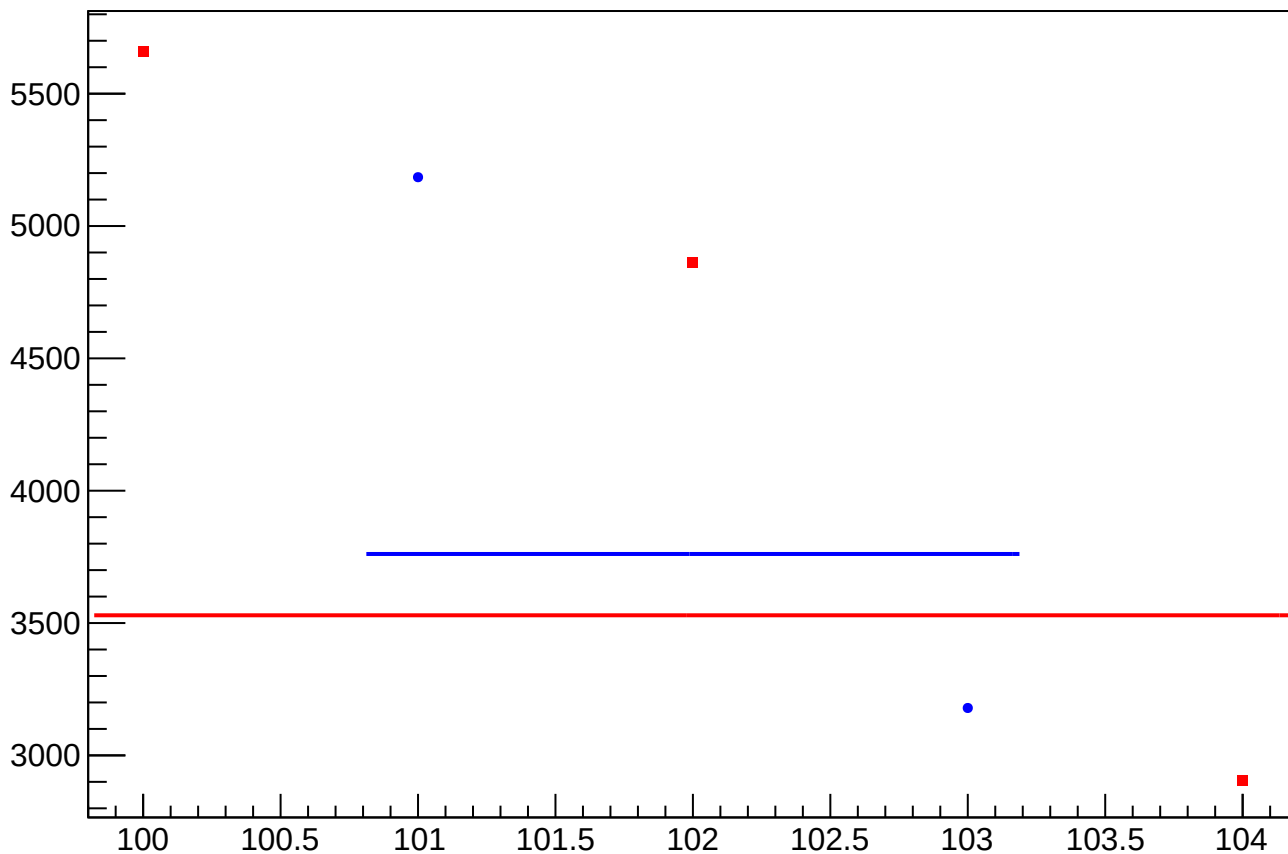
Right: 428.389+/-2411.535 χ^2/NDF : 3.0/4

In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.389+/-2411.535 χ^2/NDF : 3.0/4

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: 3529.301+/-2.385 χ^2/NDF : 155676.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

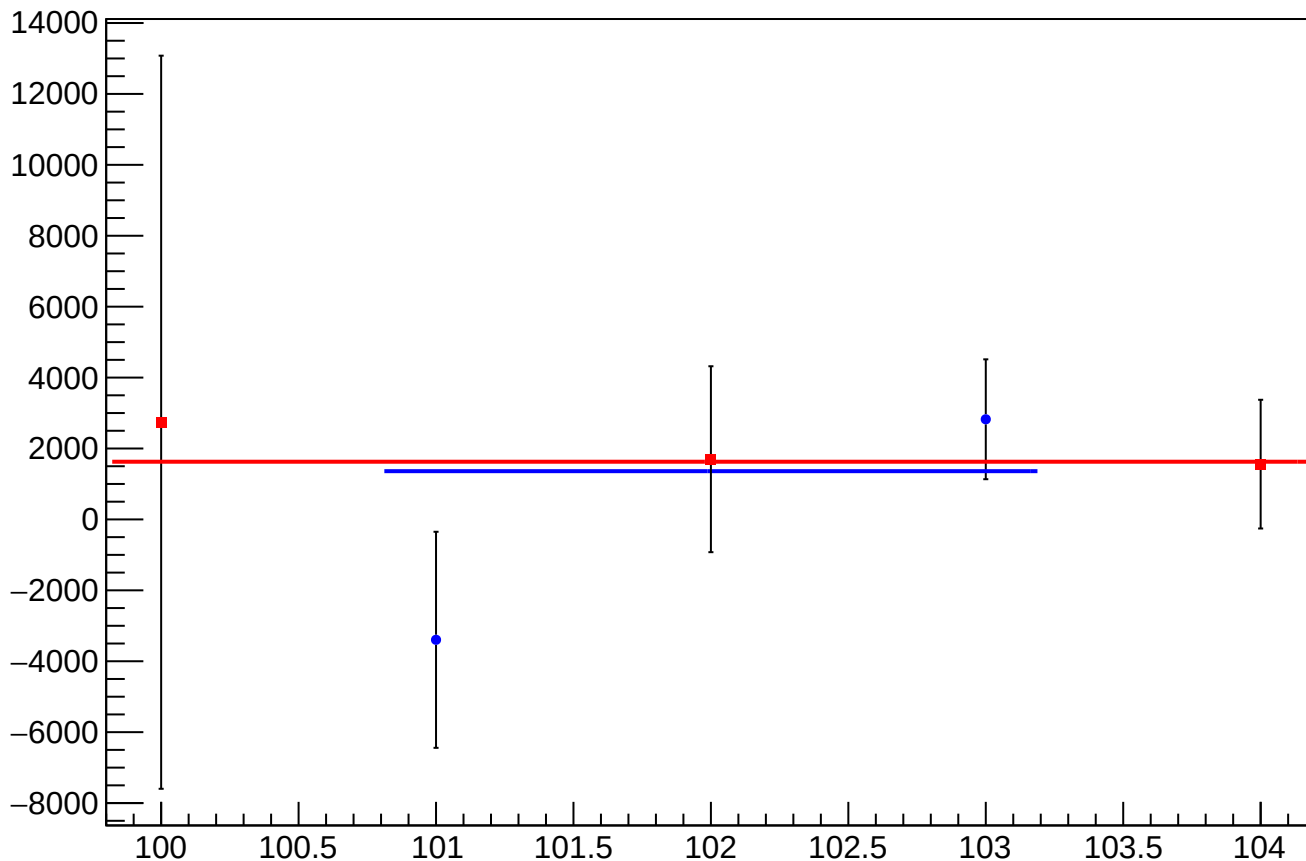
Right: 3642.545+/-1.705 χ^2/NDF : 299529.4/4

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3642.545+/-1.705 χ^2/NDF : 299529.4/4

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: 1627.111+/-1477.047 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

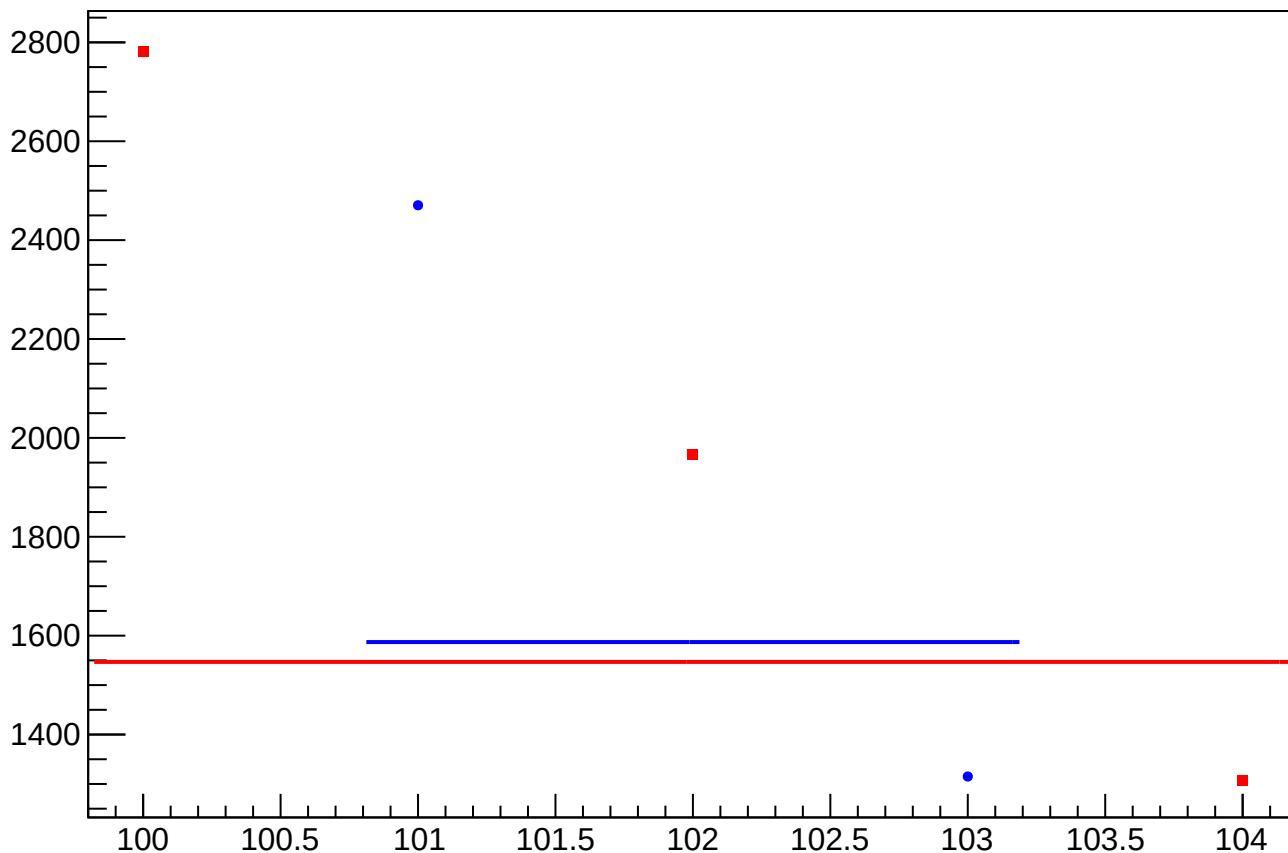
Right: 1493.926+/-1044.804 χ^2/NDF : 3.2/4

In: 1360.551+/-1478.104 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.926+/-1044.804 χ^2/NDF : 3.2/4

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1587.029 ± 1.045 $\chi^2/\text{NDF}: 219933.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1546.886 ± 1.044 $\chi^2/\text{NDF}: 114496.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

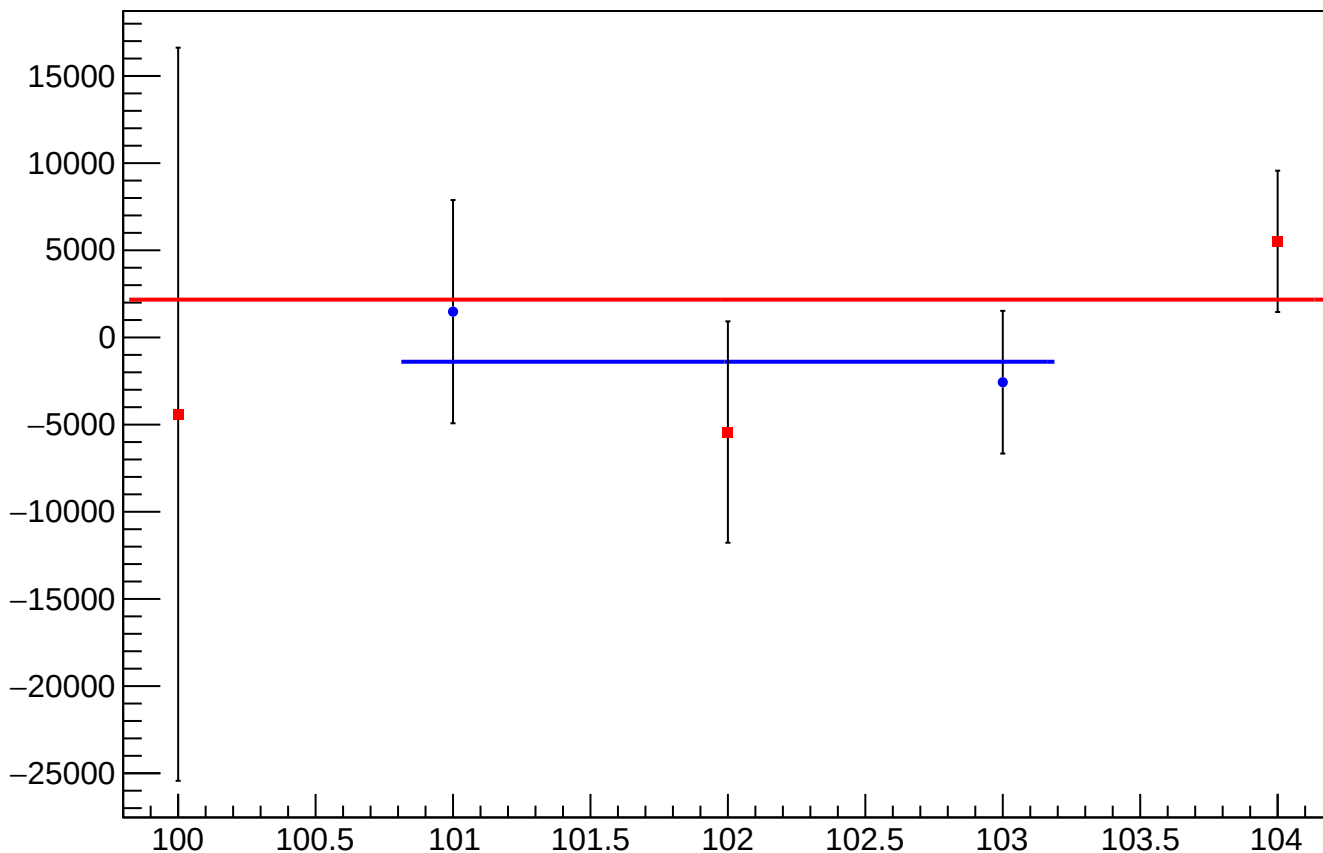
Right: 1566.943 ± 0.739 $\chi^2/\text{NDF}: 335168.2/4$

In: 1587.029 ± 1.045 $\chi^2/\text{NDF}: 219933.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1566.943 ± 0.739 $\chi^2/\text{NDF}: 335168.2/4$

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: 2170.610+/-3372.991 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

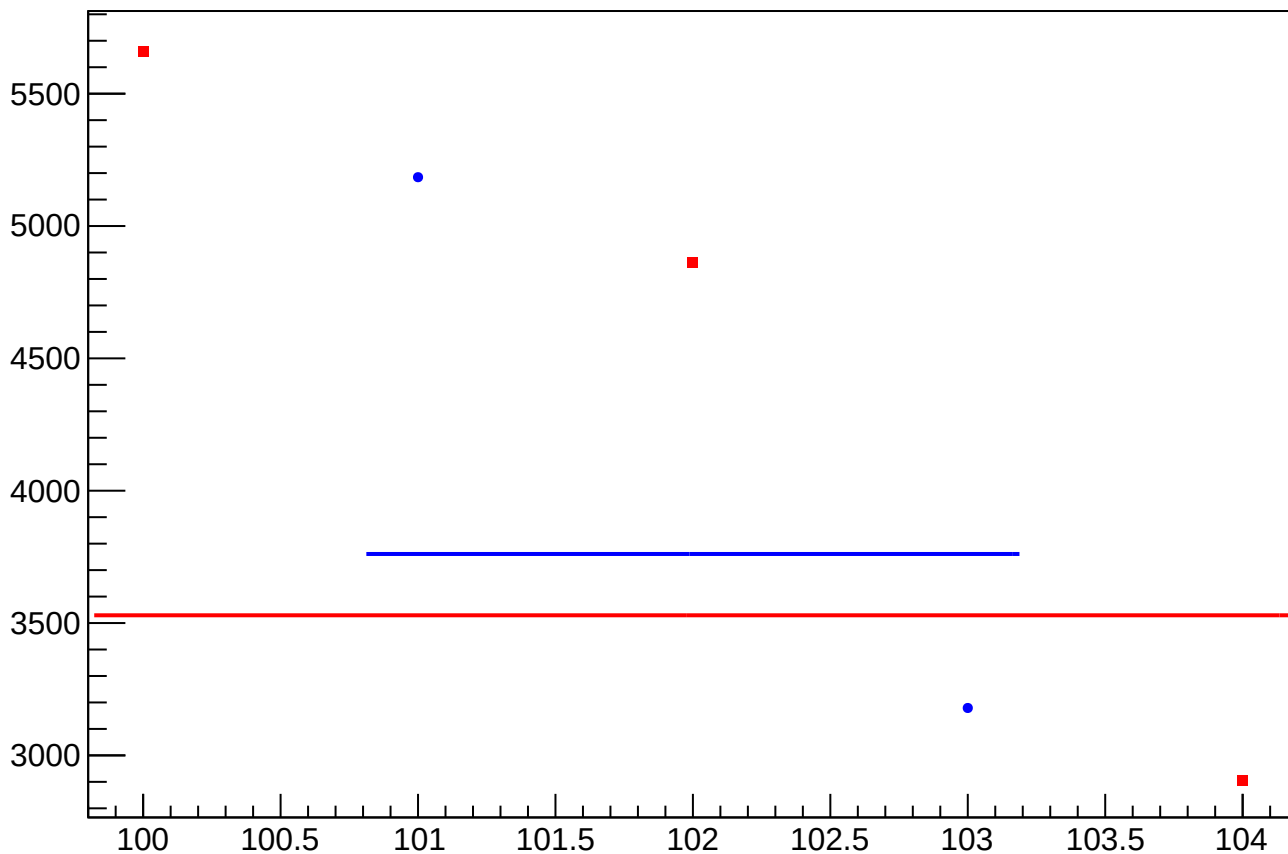
Right: 428.389+/-2411.535 χ^2/NDF : 3.0/4

In: -1393.379+/-3449.135 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 428.389+/-2411.535 χ^2/NDF : 3.0/4

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: 3529.301+/-2.385 χ^2/NDF : 155676.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

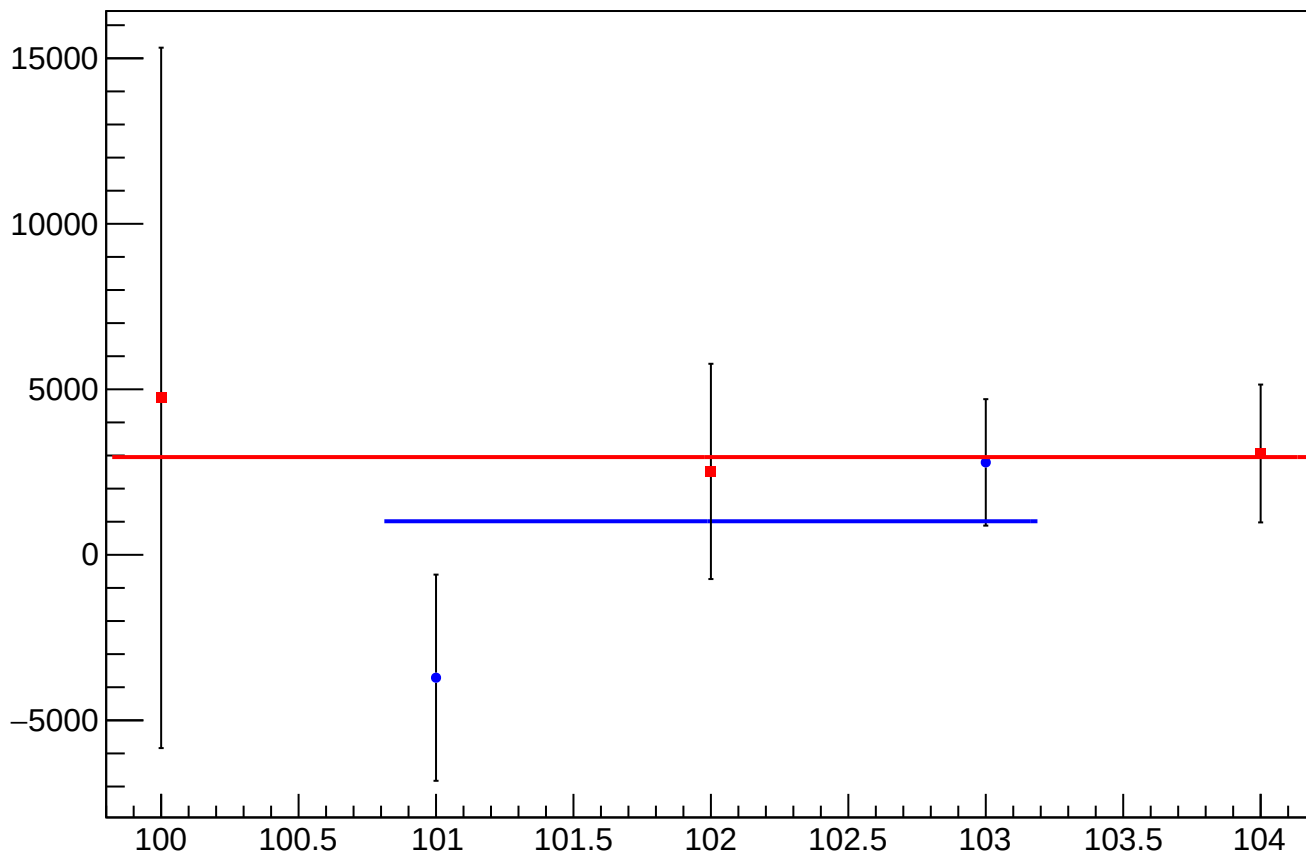
Right: 3642.545+/-1.705 χ^2/NDF : 299529.4/4

In: 3760.959+/-2.439 χ^2/NDF : 139240.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3642.545+/-1.705 χ^2/NDF : 299529.4/4

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: 2952.929+/-1729.953 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

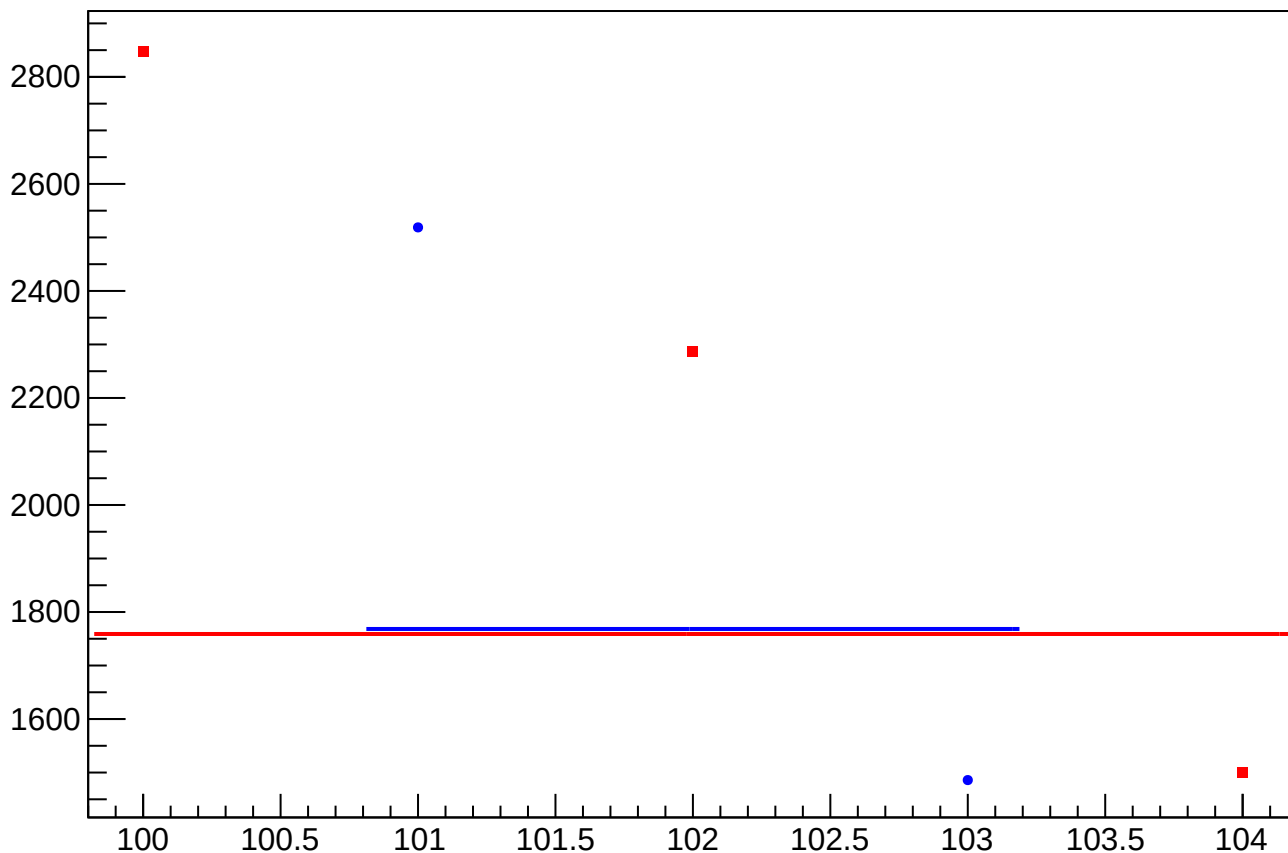
Right: 1924.923+/-1185.758 χ^2/NDF : 3.9/4

In: 1013.987+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.923+/-1185.758 χ^2/NDF : 3.9/4

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: 1758.925+/-1.223 χ^2/NDF : 104966.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

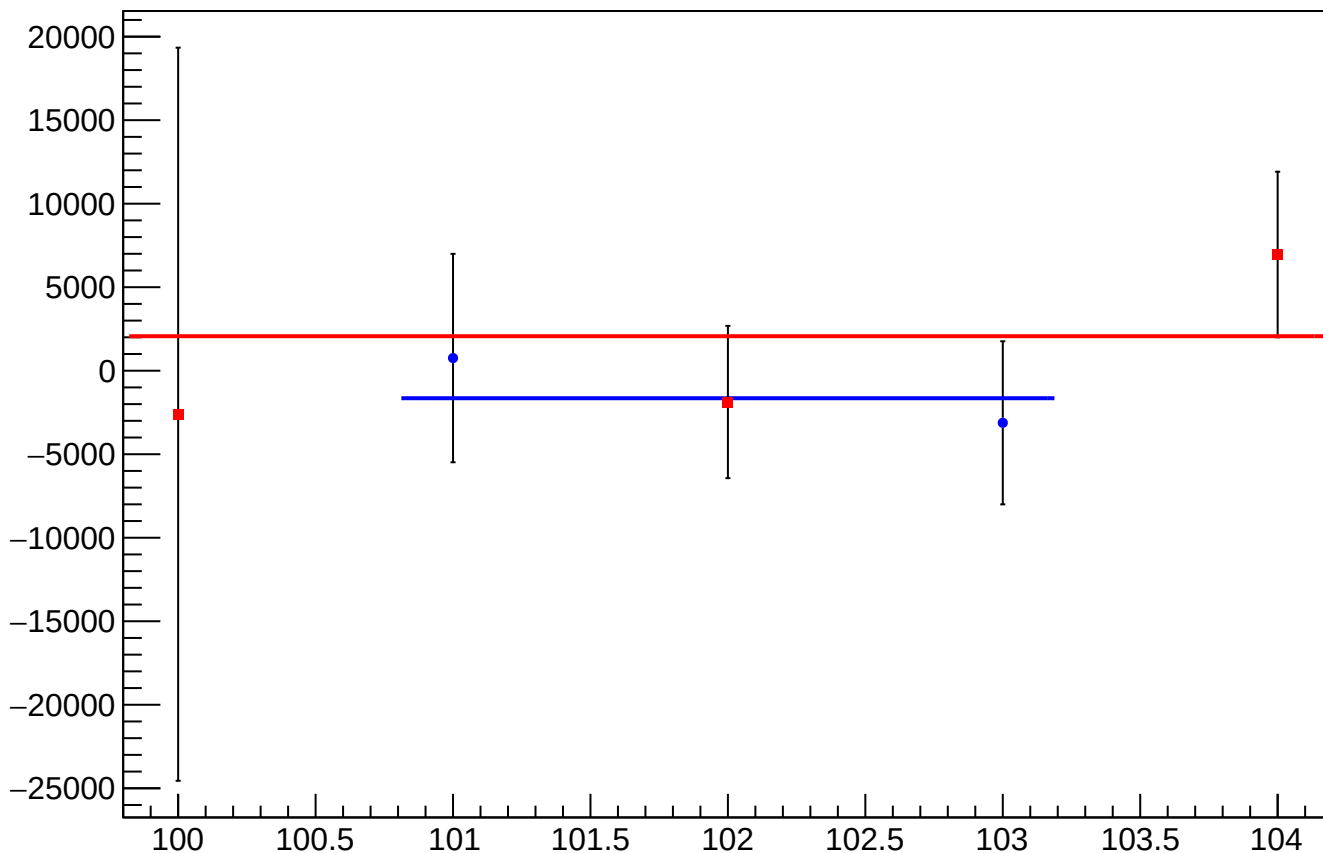
Right: 1763.897+/-0.838 χ^2/NDF : 264818.9/4

In: 1768.304+/-1.152 χ^2/NDF : 159821.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.897+/-0.838 χ^2/NDF : 264818.9/4

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: 2066.138 $\pm$ 3316.838 χ^2 /NDF: 1.8/2

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

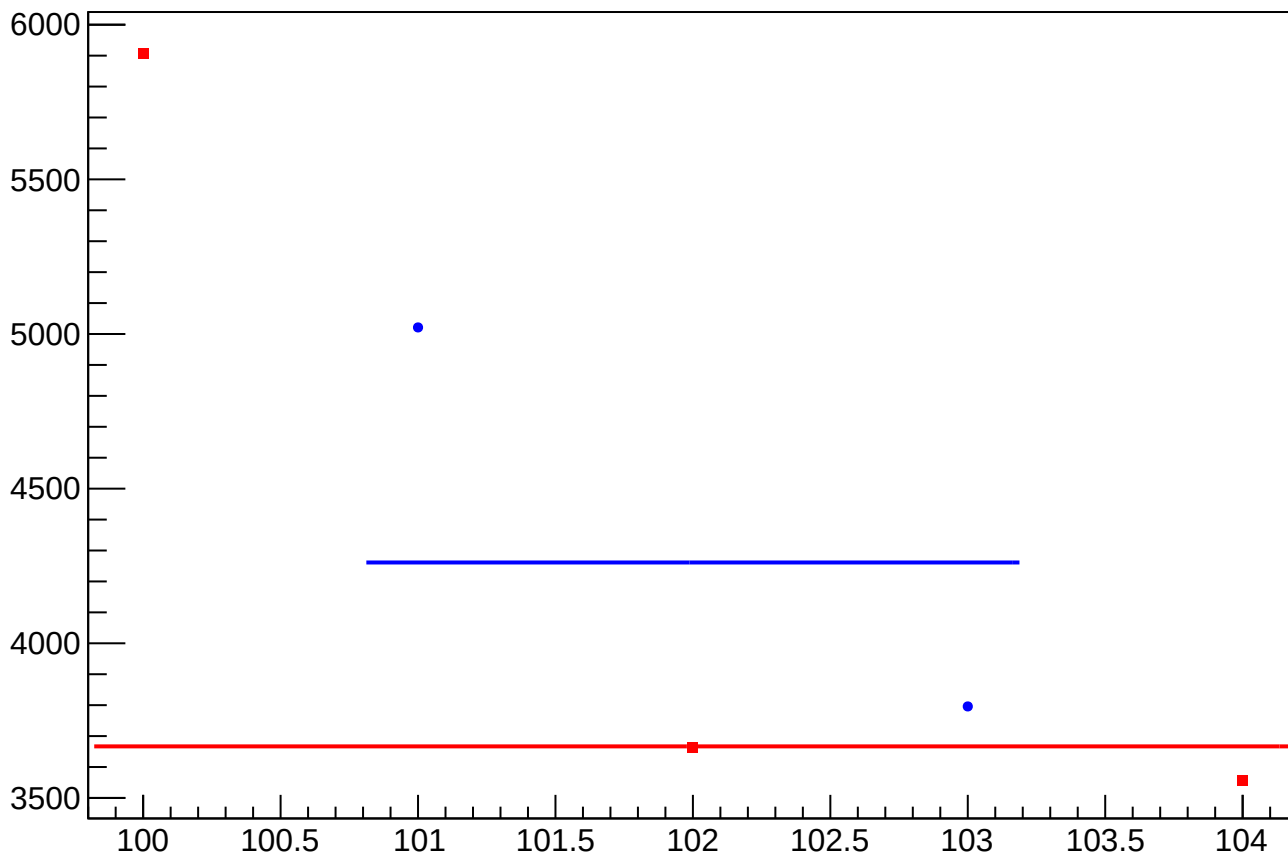
Right: 482.256 $\pm$ 2511.597 χ^2 /NDF: 2.5/4

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: 482.256 $\pm$ 2511.597 χ^2 /NDF: 2.5/4

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: 3666.715+/-2.345 χ^2/NDF : 21844.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

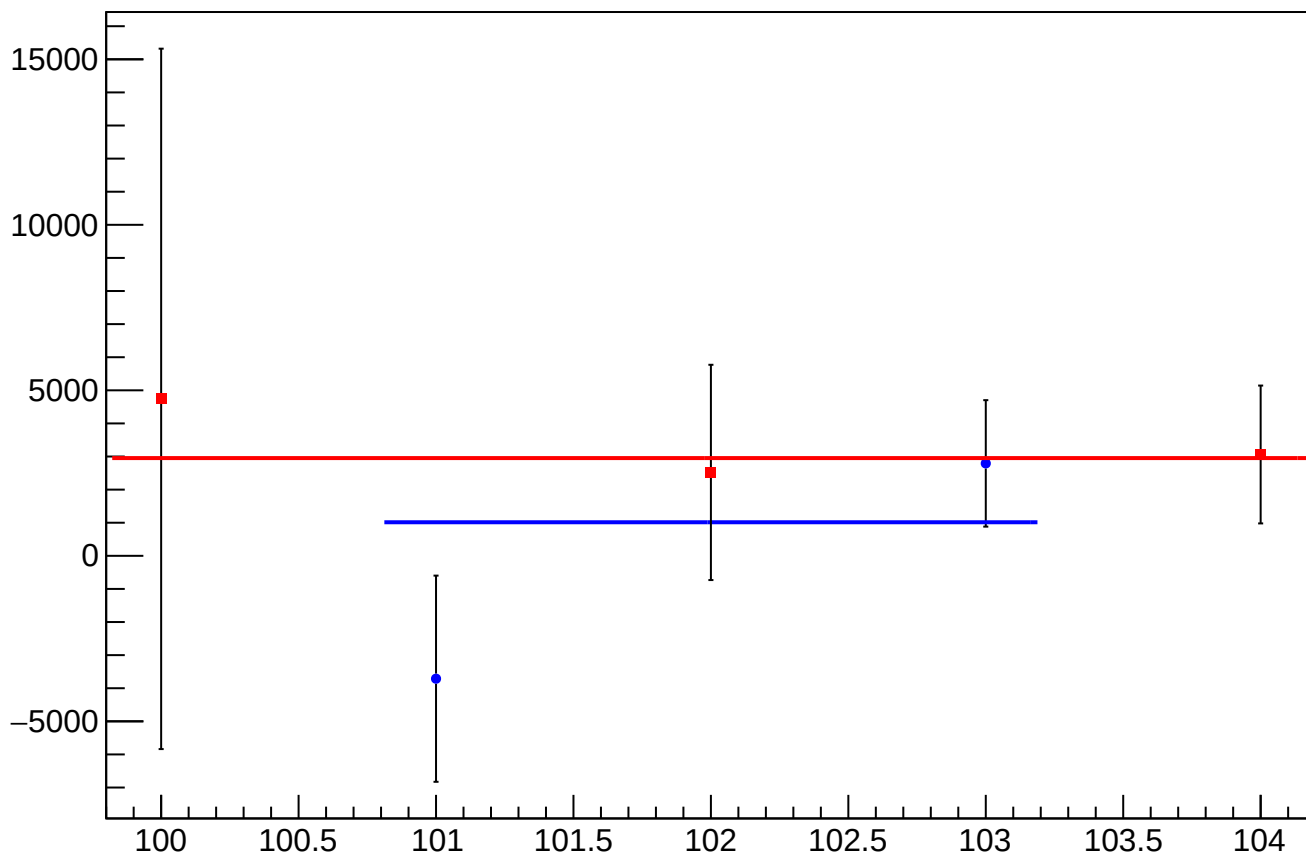
Right: 3920.369+/-1.776 χ^2/NDF : 97102.2/4

In: 4261.298+/-2.719 χ^2/NDF : 47839.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3920.369+/-1.776 χ^2/NDF : 97102.2/4

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: 2952.923+/-1729.952 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

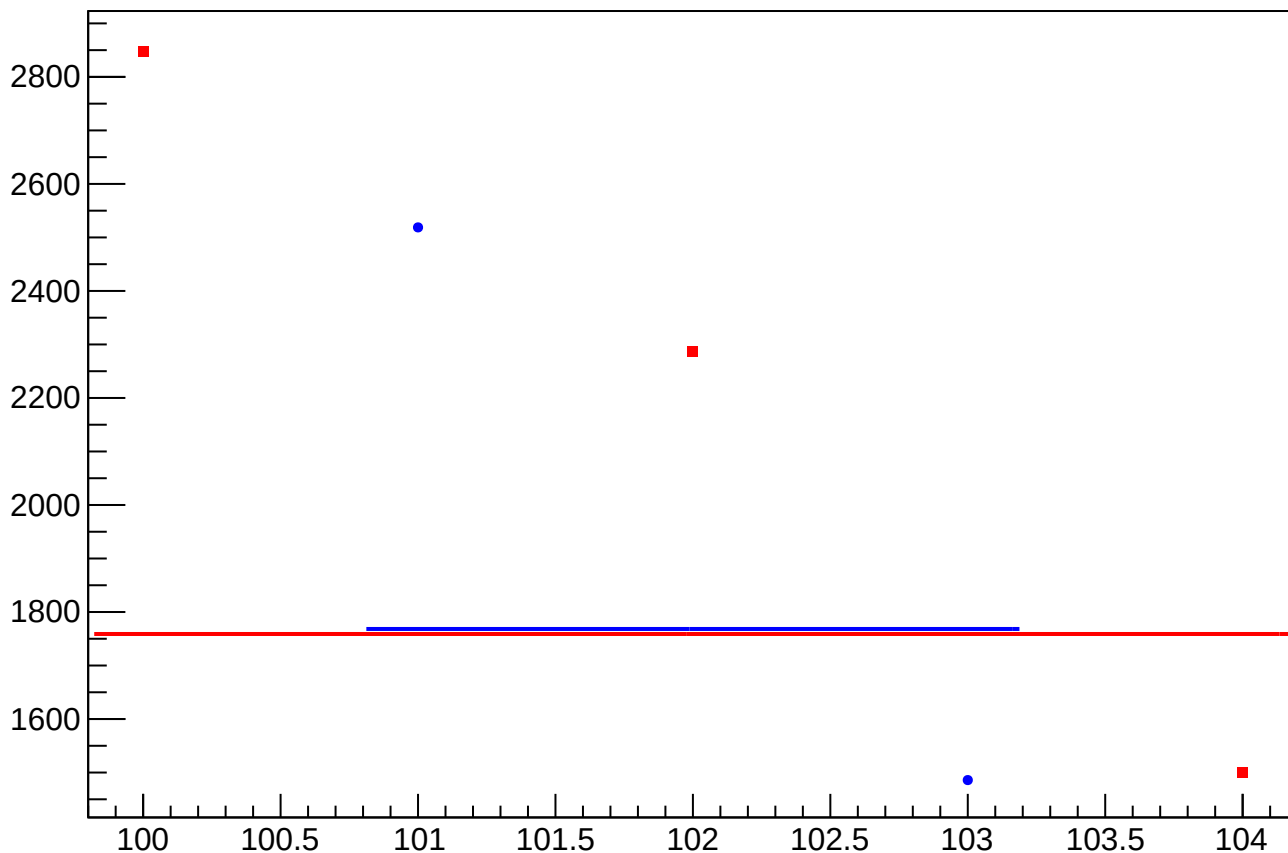
Right: 1924.914+/-1185.757 χ^2/NDF : 3.9/4

In: 1013.973+/-1628.473 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.914+/-1185.757 χ^2/NDF : 3.9/4

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: 1758.923+/-1.223 χ^2/NDF : 104966.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

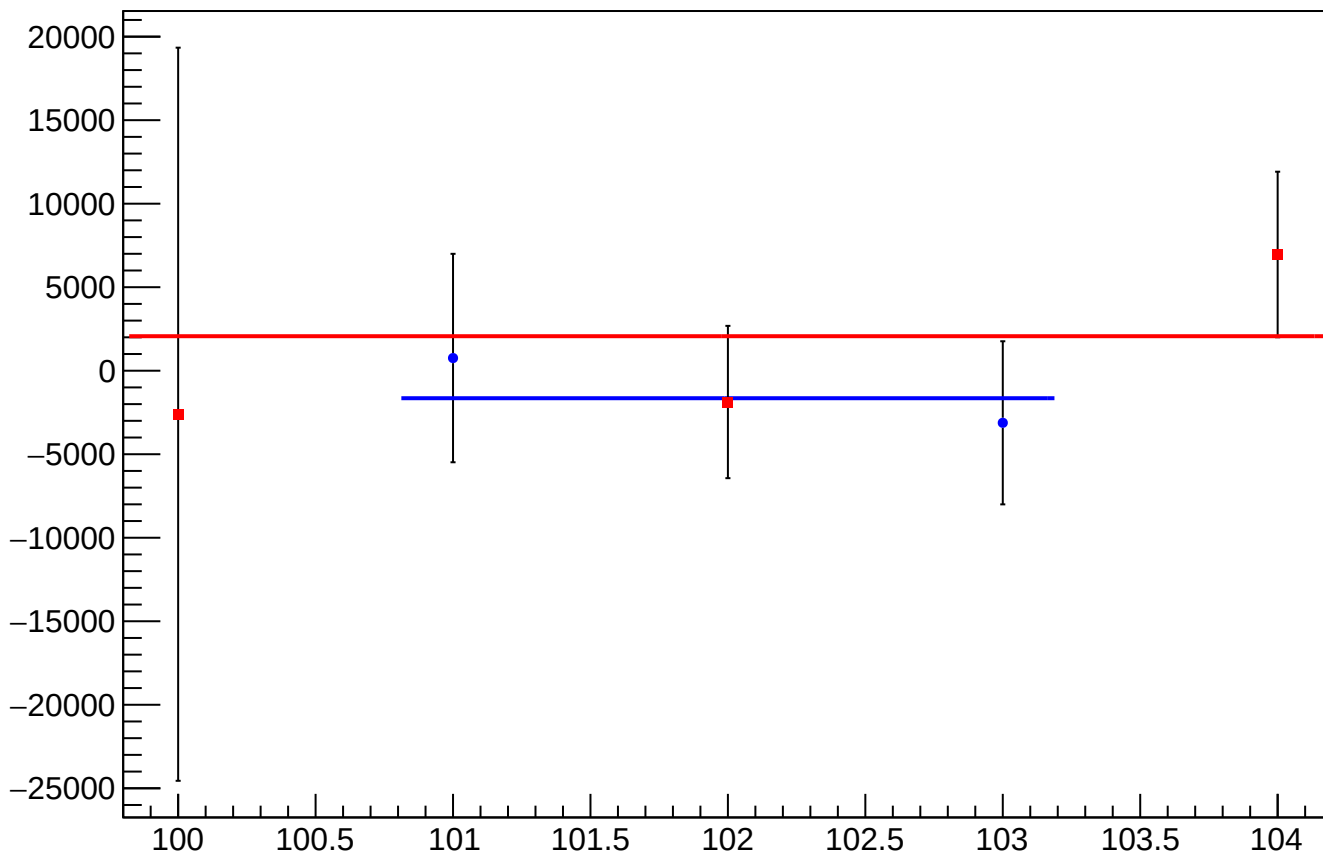
Right: 1763.896+/-0.838 χ^2/NDF : 264819.4/4

In: 1768.303+/-1.152 χ^2/NDF : 159821.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.896+/-0.838 χ^2/NDF : 264819.4/4

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1646.609 $\pm$ 3845.343 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2066.136 $\pm$ 3316.837 χ^2 /NDF: 1.8/2

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

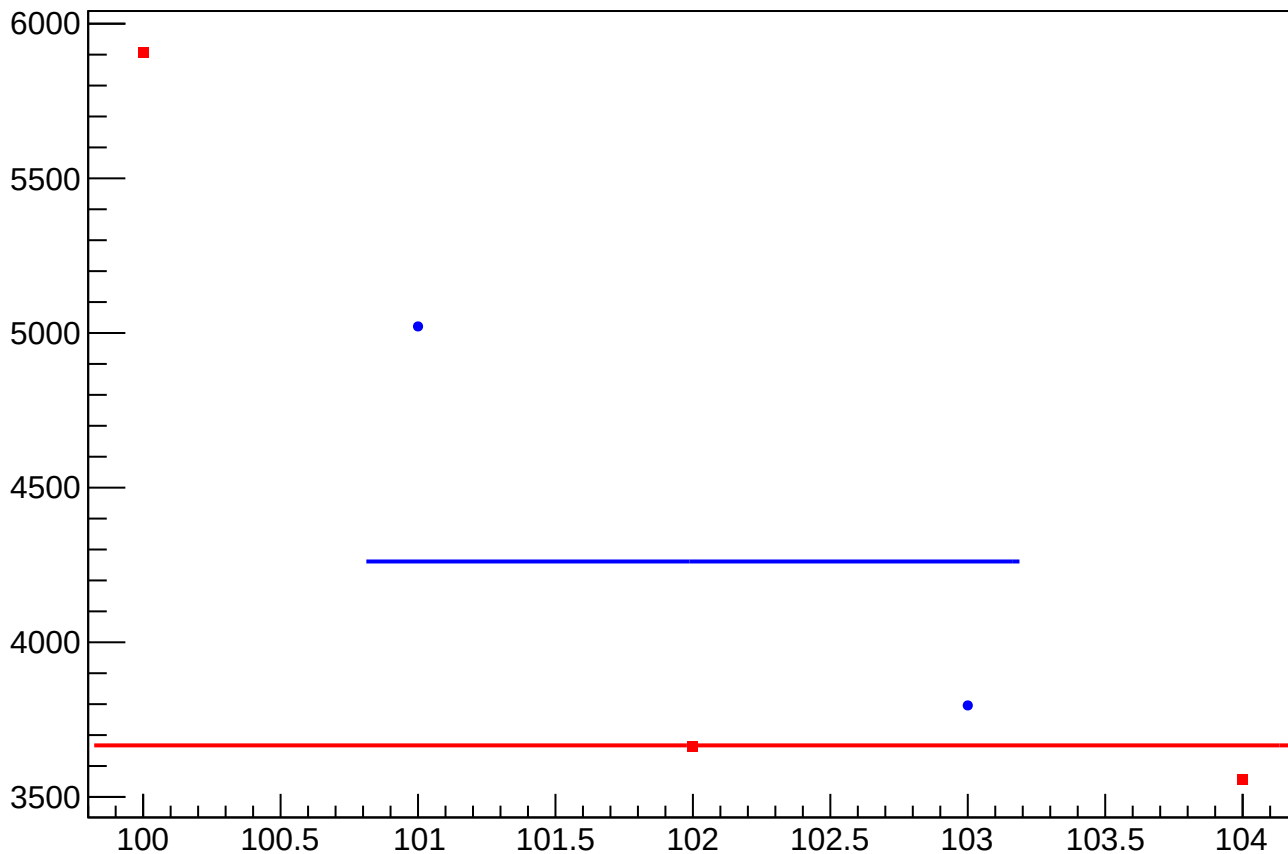
Right: 482.248 $\pm$ 2511.596 χ^2 /NDF: 2.5/4

In: -1646.609 $\pm$ 3845.343 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 482.248 $\pm$ 2511.596 χ^2 /NDF: 2.5/4

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: 3666.714+/-2.345 χ^2/NDF : 21844.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

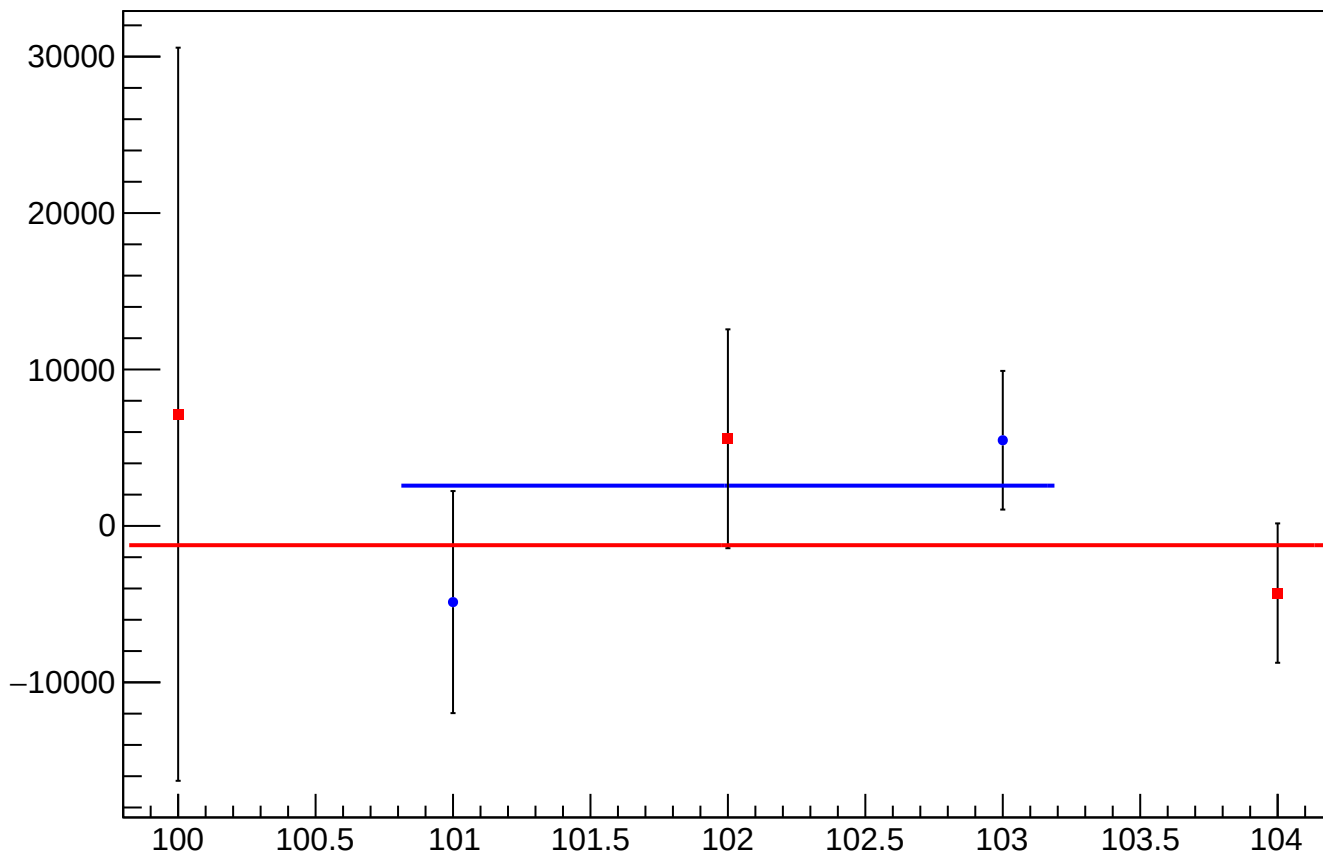
Right: 3920.367+/-1.776 χ^2/NDF : 97101.6/4

In: 4261.295+/-2.719 χ^2/NDF : 47839.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3920.367+/-1.776 χ^2/NDF : 97101.6/4

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: -1232.223+/-3710.147 χ^2 /NDF: 1.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

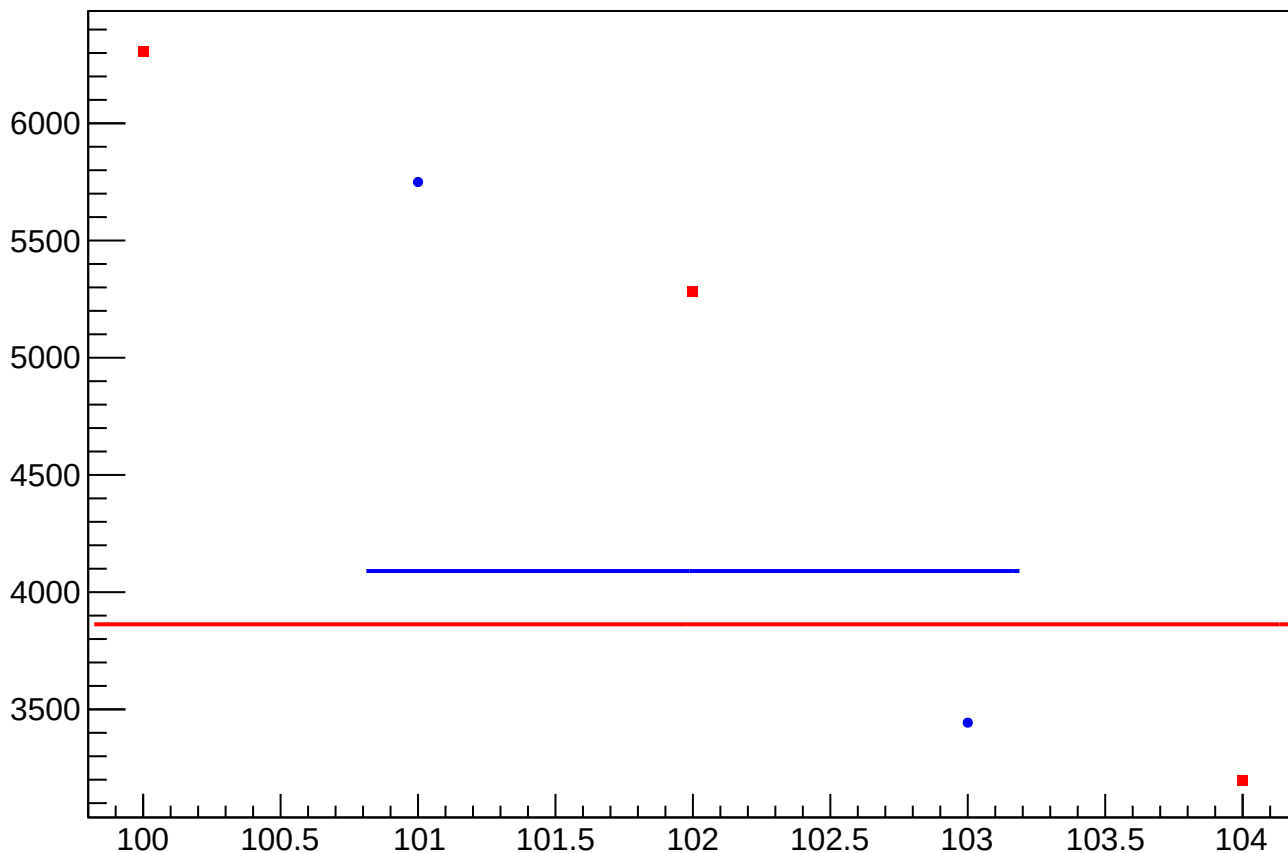
Right: 646.241+/-2640.647 χ^2 /NDF: 3.6/4

In: 2574.720+/-3759.215 χ^2 /NDF:1.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 646.241+/-2640.647 χ^2 /NDF: 3.6/4

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: 3862.837+/-2.623 χ^2/NDF : 148708.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

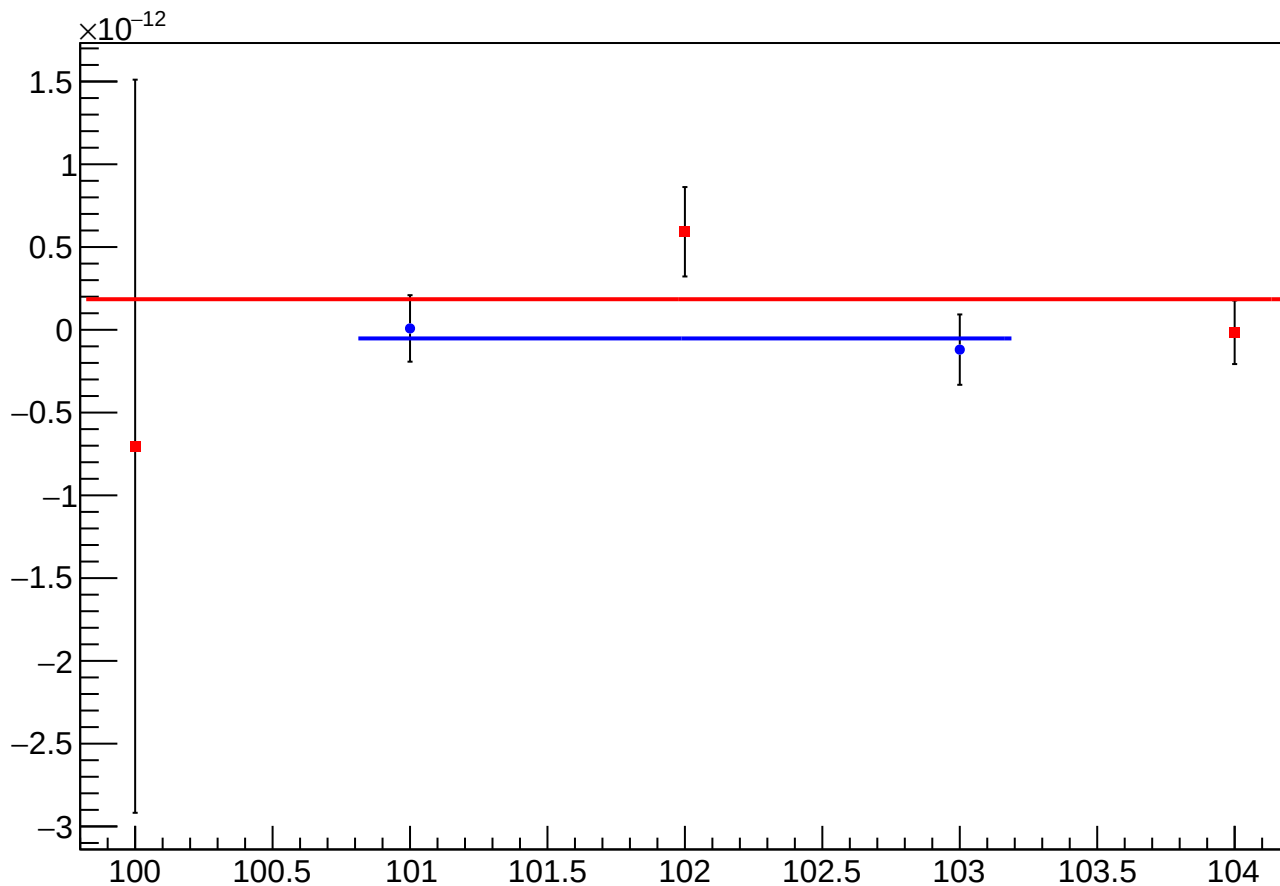
Right: 3975.016+/-1.867 χ^2/NDF : 304333.8/4

In: 4090.184+/-2.658 χ^2/NDF : 151919.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3975.016+/-1.867 χ^2/NDF : 304333.8/4

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 : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

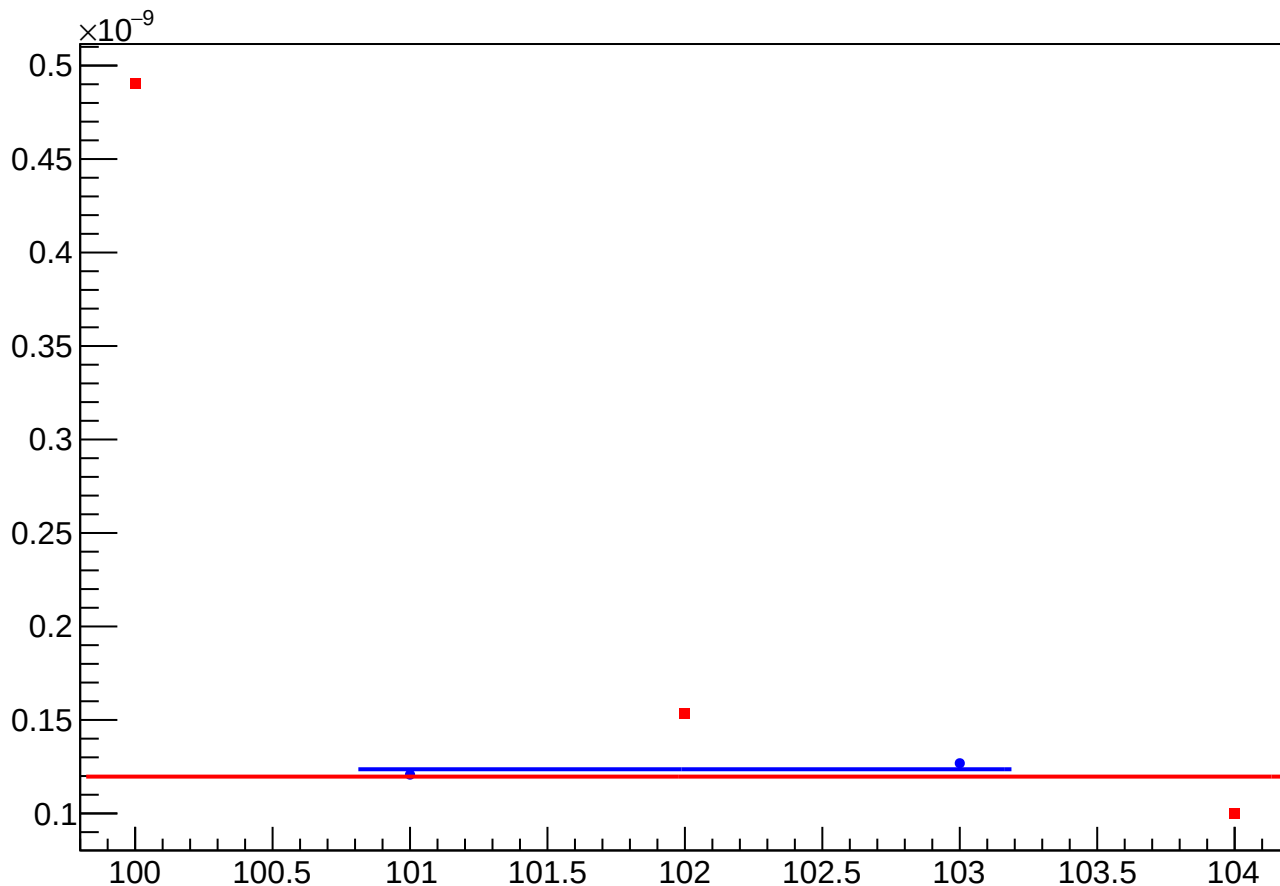
Right: 0.000+/-0.000 χ^2/NDF : 4.9/4

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 : 4.9/4

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 : 107989.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

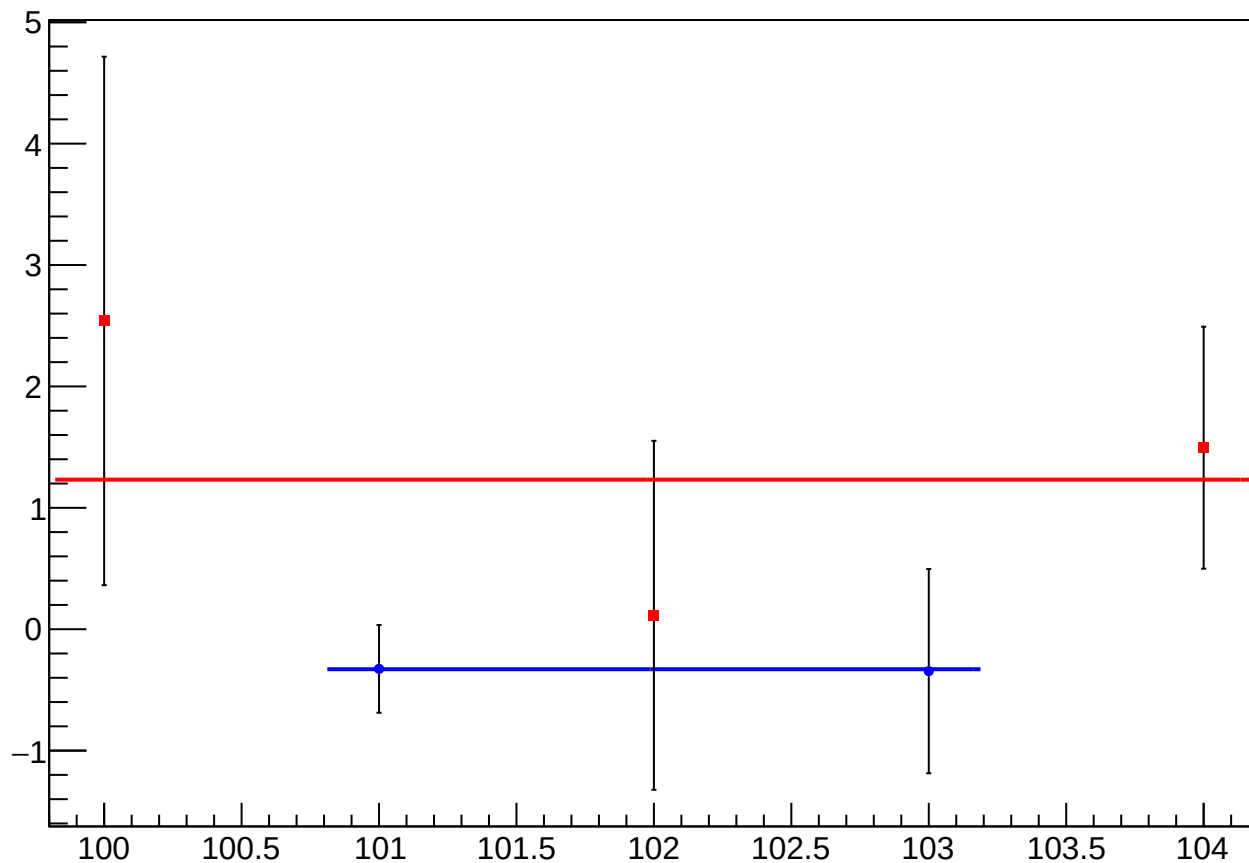
Right: 0.000+/-0.000 χ^2/NDF : 109535.5/4

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 : 109535.5/4

asym_usr_atr2_avg_dit_vs_slug, Sign Corrected



Right In: -0.330 $\pm$ 0.332 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.232 $\pm$ 0.767 χ^2 /NDF: 1.0/2

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

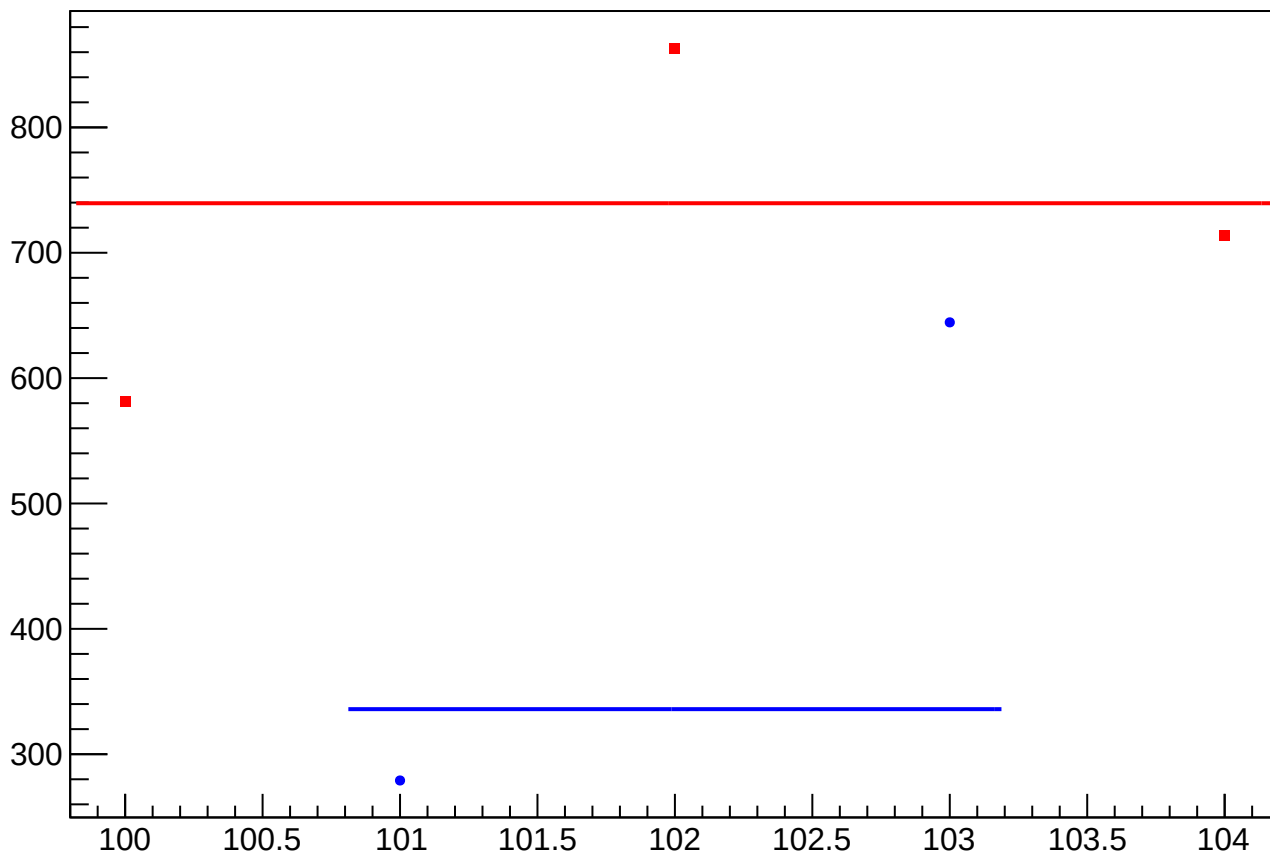
Right: -0.083 $\pm$ 0.305 χ^2 /NDF: 4.5/4

In: -0.330 $\pm$ 0.332 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.305 χ^2 /NDF: 4.5/4

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: 739.508+/-0.542 χ^2/NDF : 26544.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

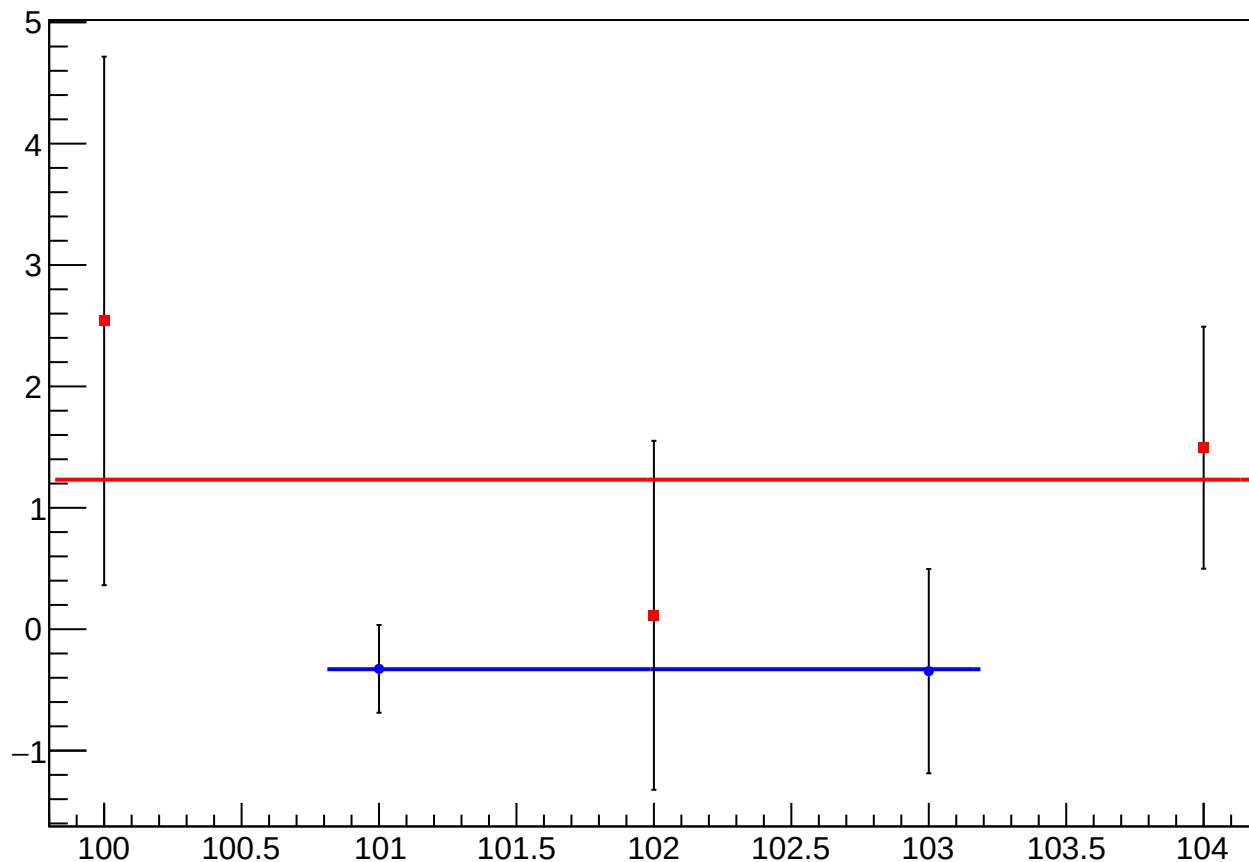
Right: 399.677+/-0.215 χ^2/NDF : 811673.8/4

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.677+/-0.215 χ^2/NDF : 811673.8/4

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330 $\pm$ 0.332 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.232 $\pm$ 0.767 χ^2 /NDF: 1.0/2

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

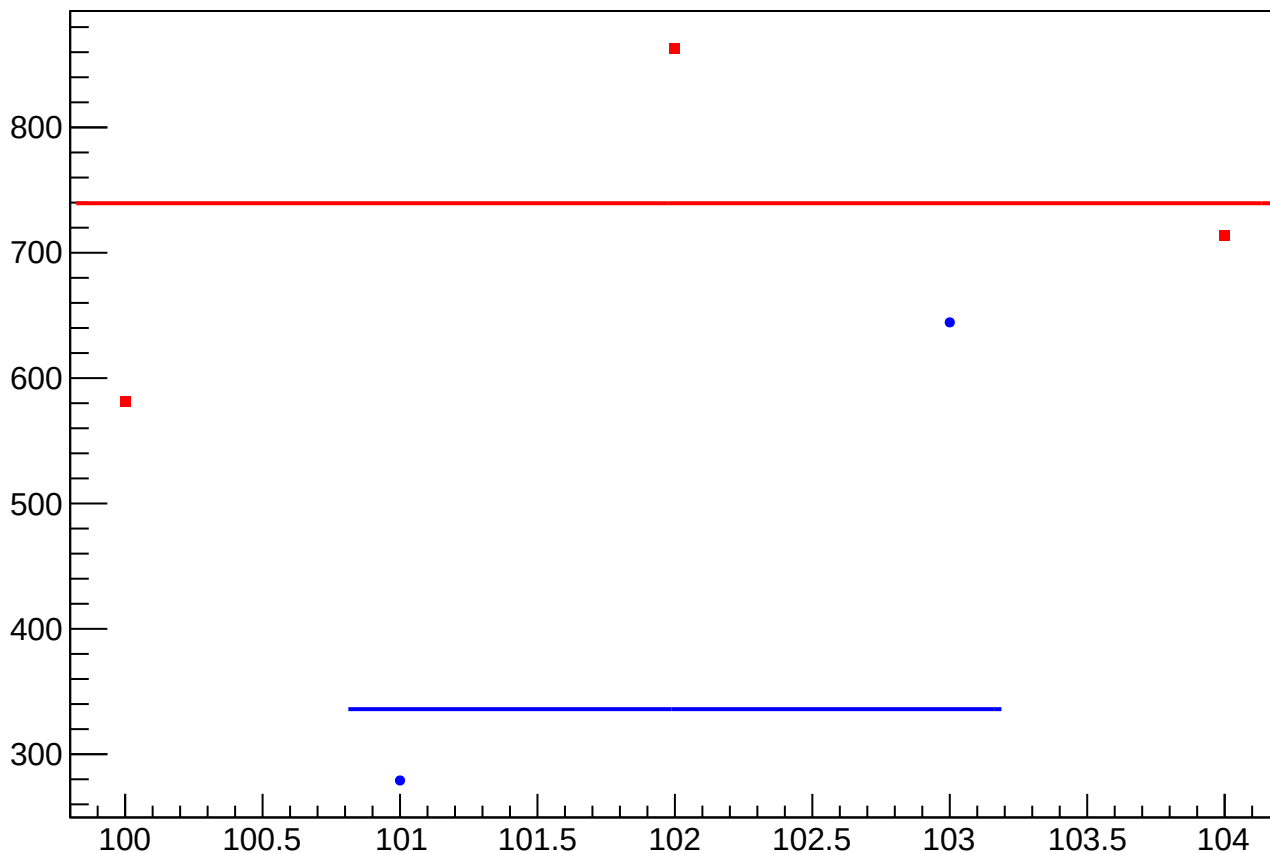
Right: -0.083 $\pm$ 0.305 χ^2 /NDF: 4.5/4

In: -0.330 $\pm$ 0.332 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.083 $\pm$ 0.305 χ^2 /NDF: 4.5/4

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: 739.508+/-0.542 χ^2/NDF : 26544.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

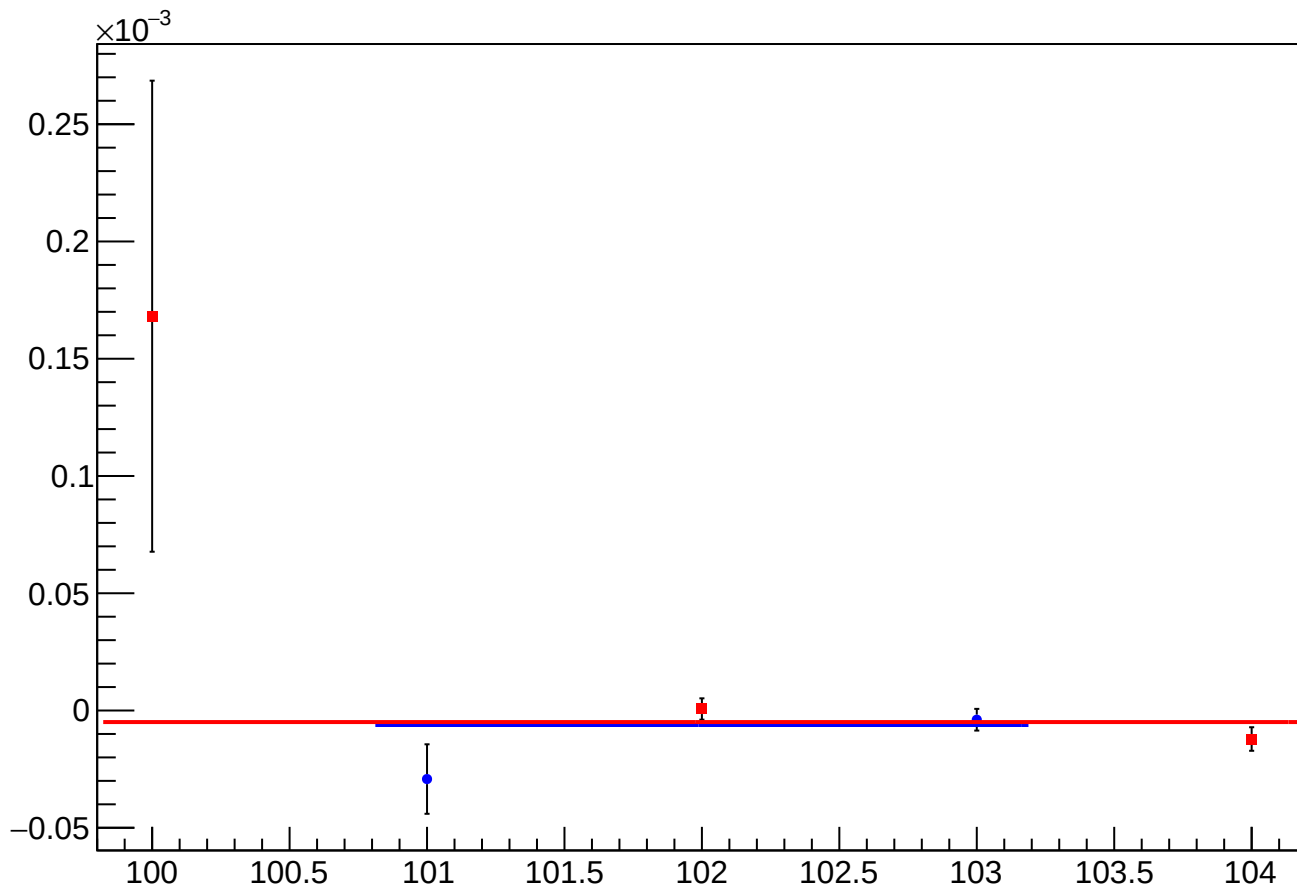
Right: 399.677+/-0.215 χ^2/NDF : 811673.8/4

In: 335.939+/-0.235 χ^2/NDF : 318480.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.677+/-0.215 χ^2/NDF : 811673.8/4

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 : 6.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

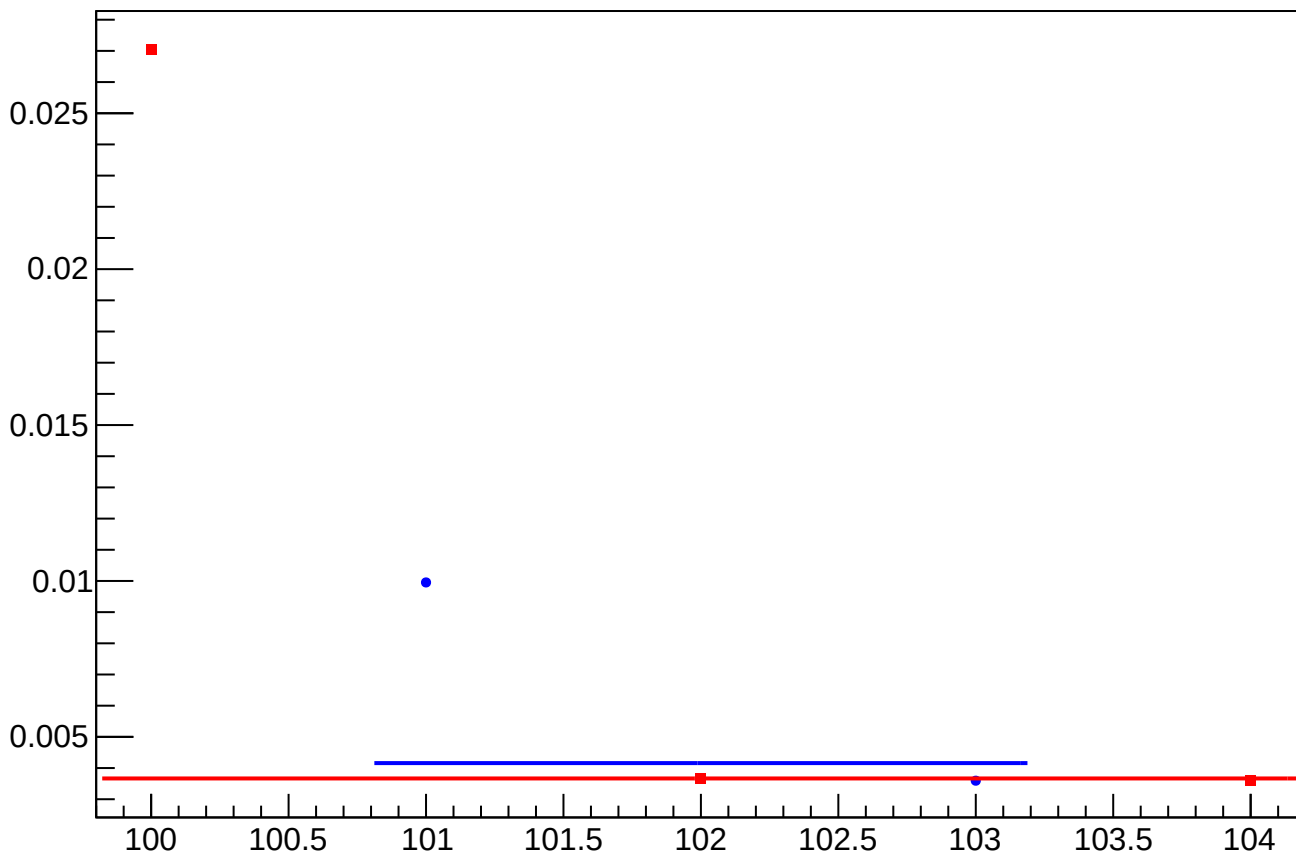
Right: -0.000+/-0.000 χ^2/NDF : 9.3/4

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 : 9.3/4

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 : 108490.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

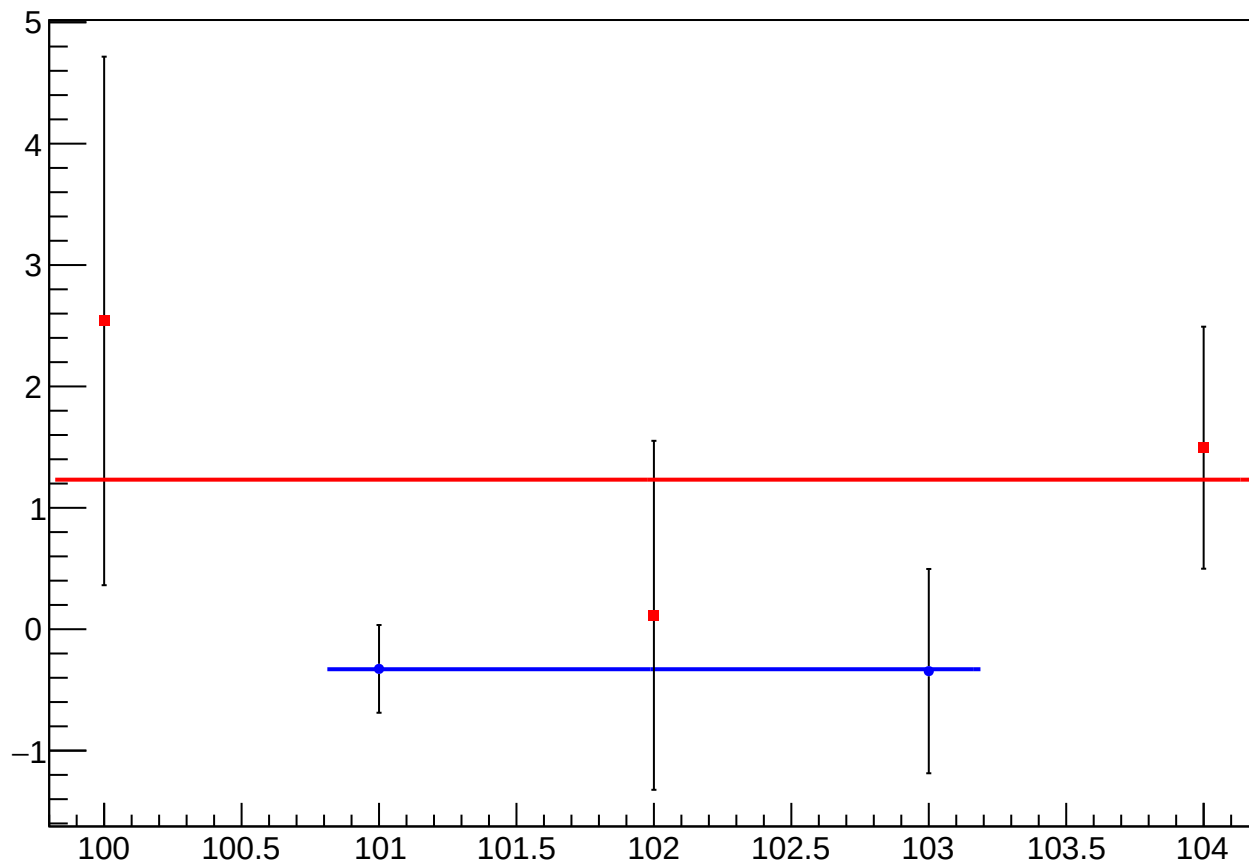
Right: 0.004+/-0.000 χ^2/NDF : 459797.5/4

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 : 459797.5/4

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: 1.232+/-0.767 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

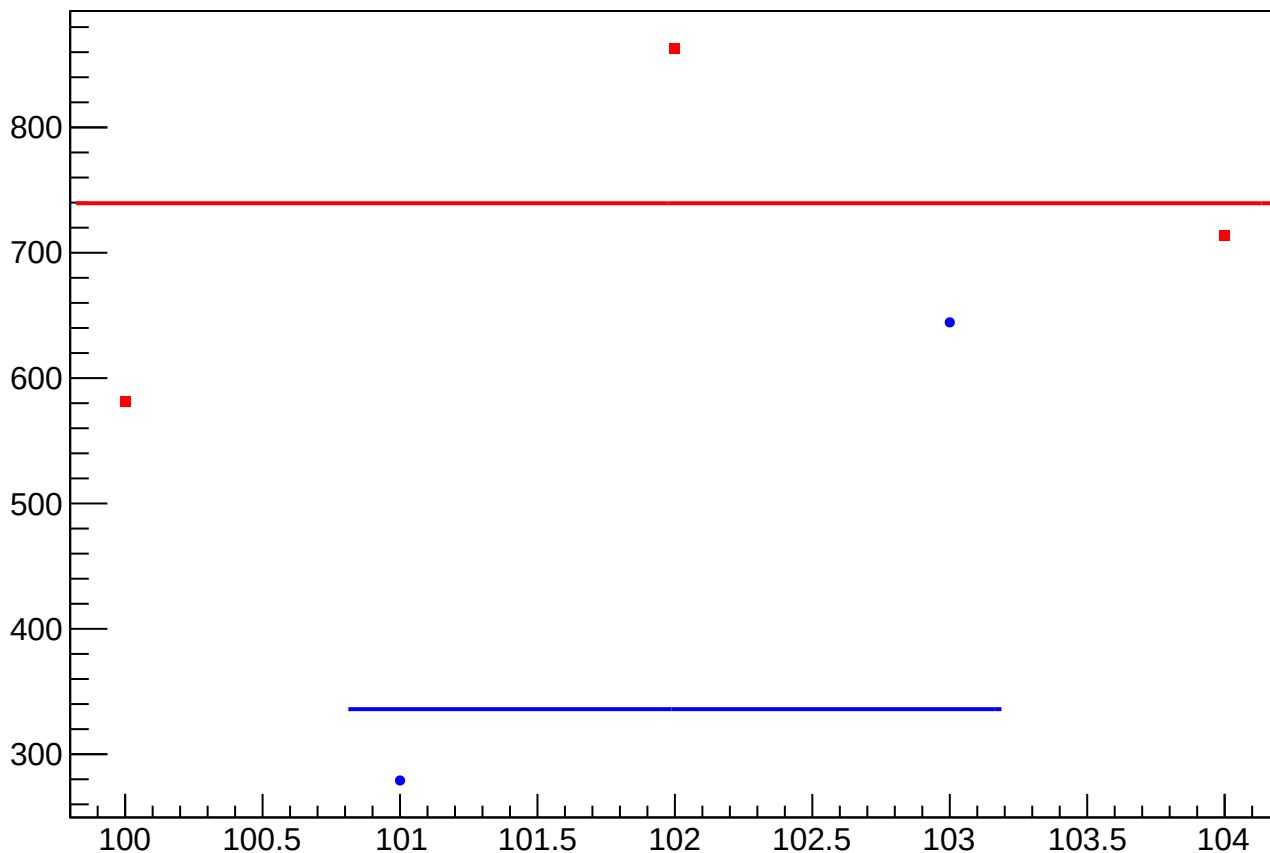
Right: -0.083+/-0.305 χ^2/NDF : 4.5/4

In: -0.330+/-0.332 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.083+/-0.305 χ^2/NDF : 4.5/4

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: 739.507+/-0.542 χ^2/NDF : 26542.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

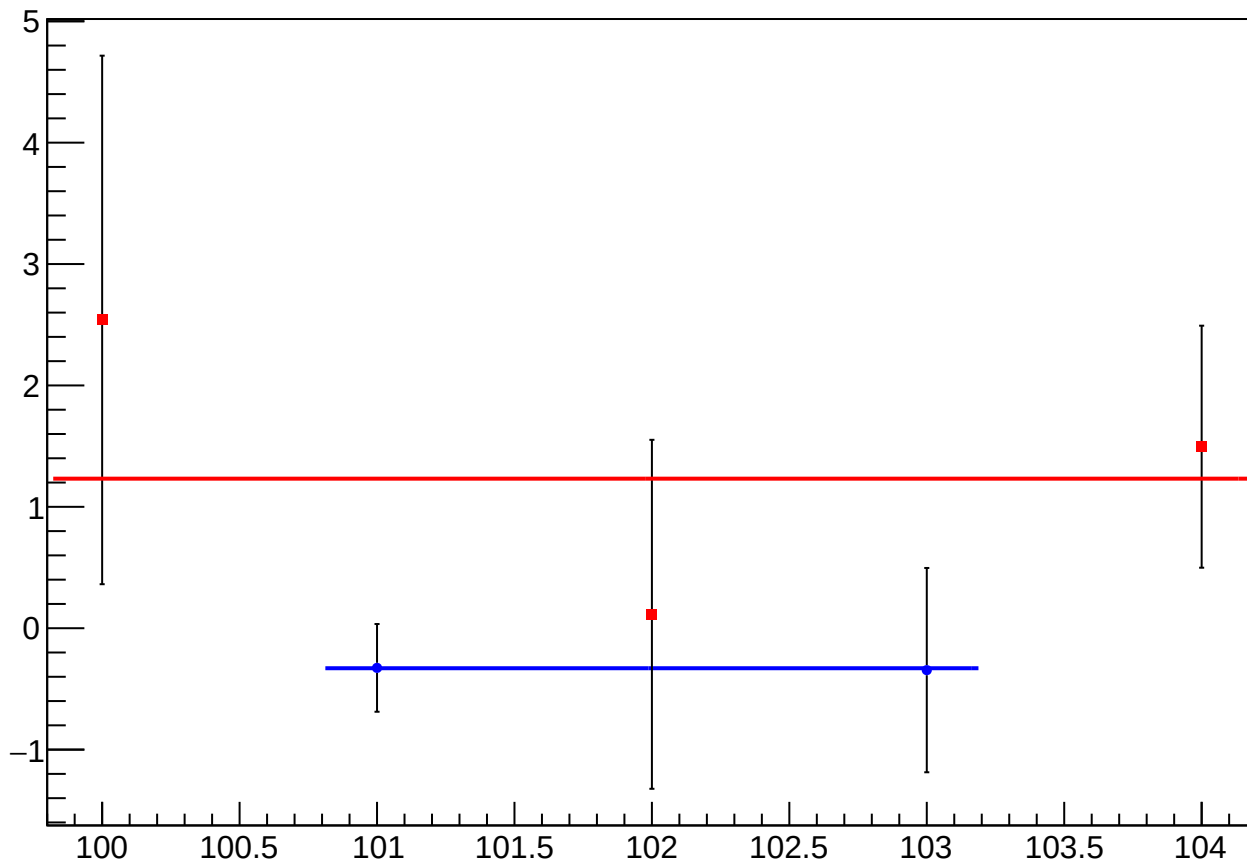
Right: 399.676+/-0.215 χ^2/NDF : 811672.5/4

In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.676+/-0.215 χ^2/NDF : 811672.5/4

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.330 ± 0.332 χ^2/NDF : 0.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.232 ± 0.767 χ^2/NDF : 1.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

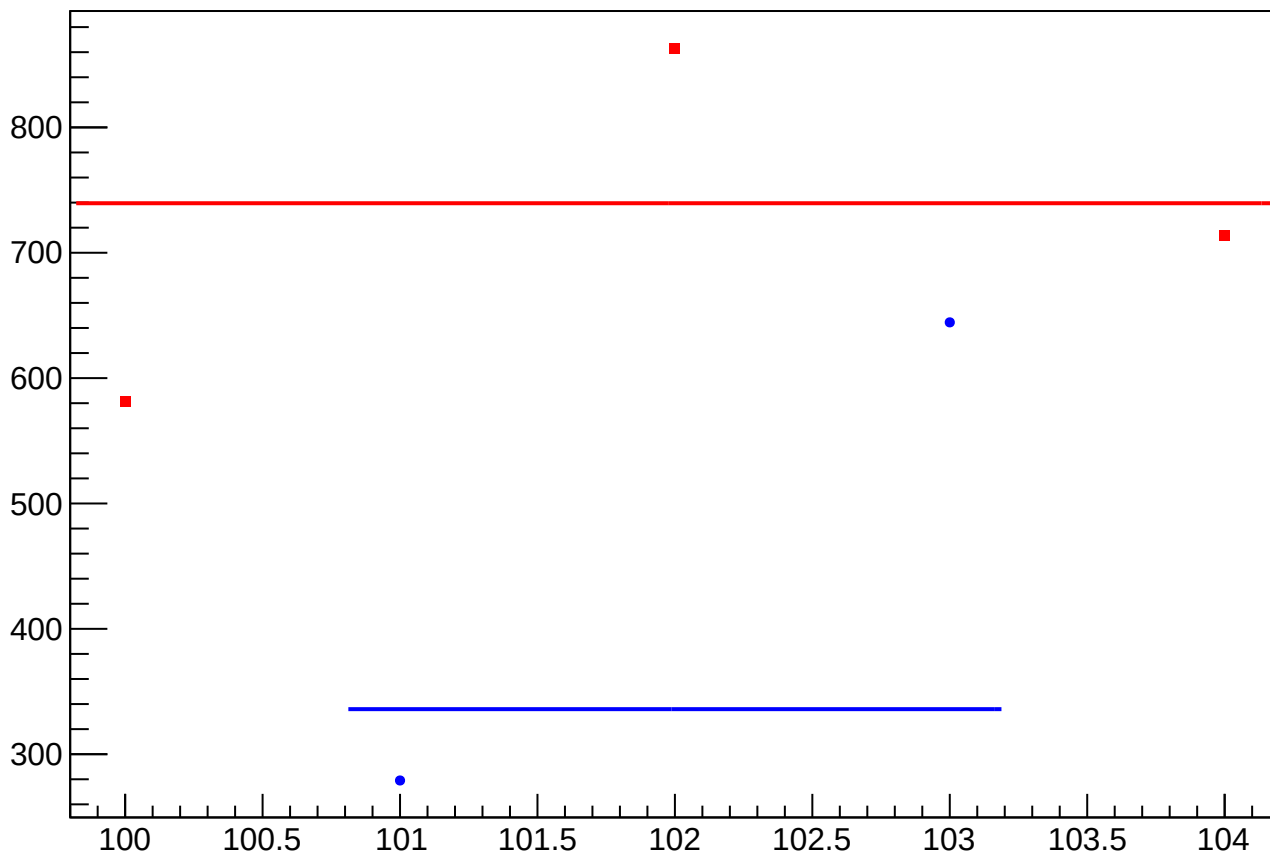
Right: -0.083 ± 0.305 χ^2/NDF : 4.5/4

In: -0.330 ± 0.332 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.083 ± 0.305 χ^2/NDF : 4.5/4

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: 739.507+/-0.542 χ^2/NDF : 26542.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

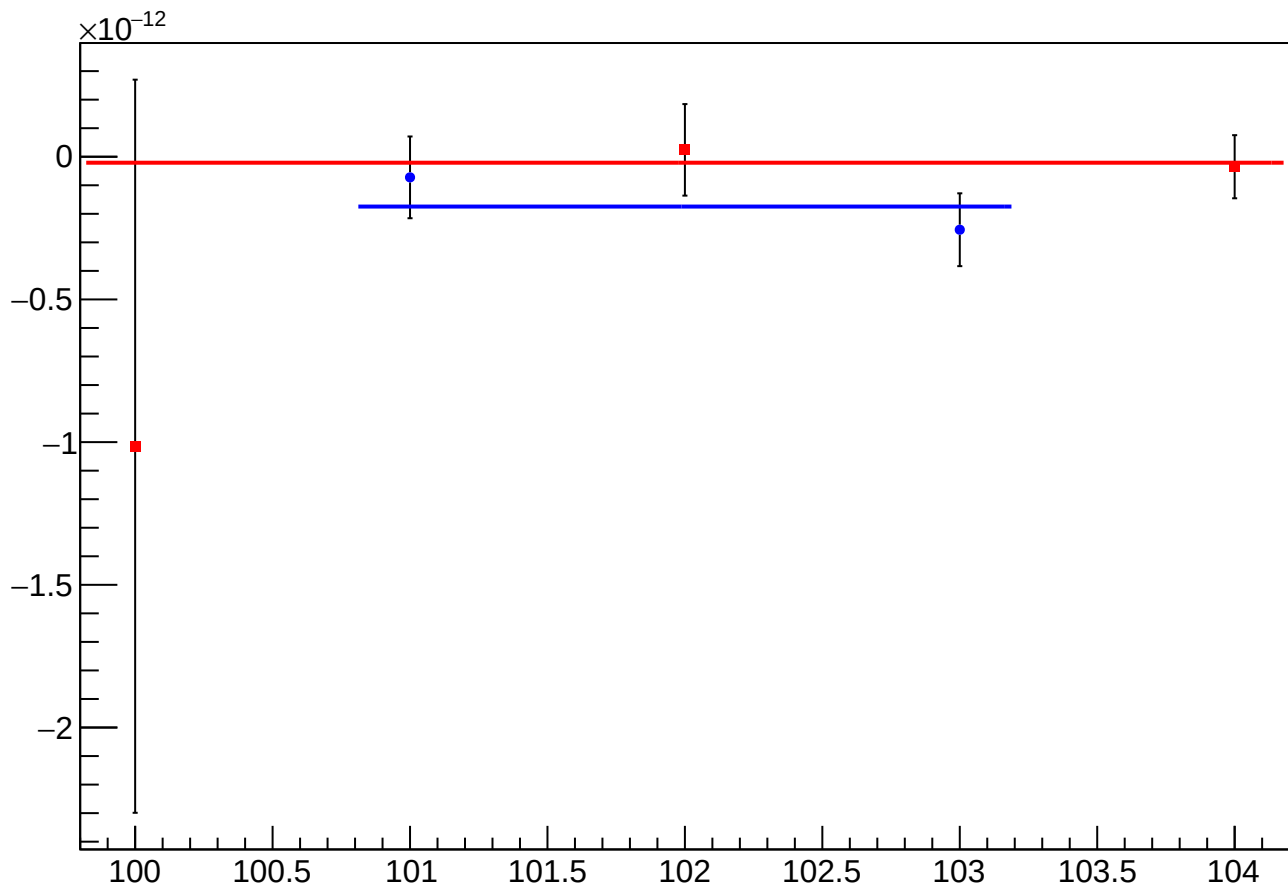
Right: 399.676+/-0.215 χ^2/NDF : 811672.5/4

In: 335.938+/-0.235 χ^2/NDF : 318480.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.676+/-0.215 χ^2/NDF : 811672.5/4

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: 0.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

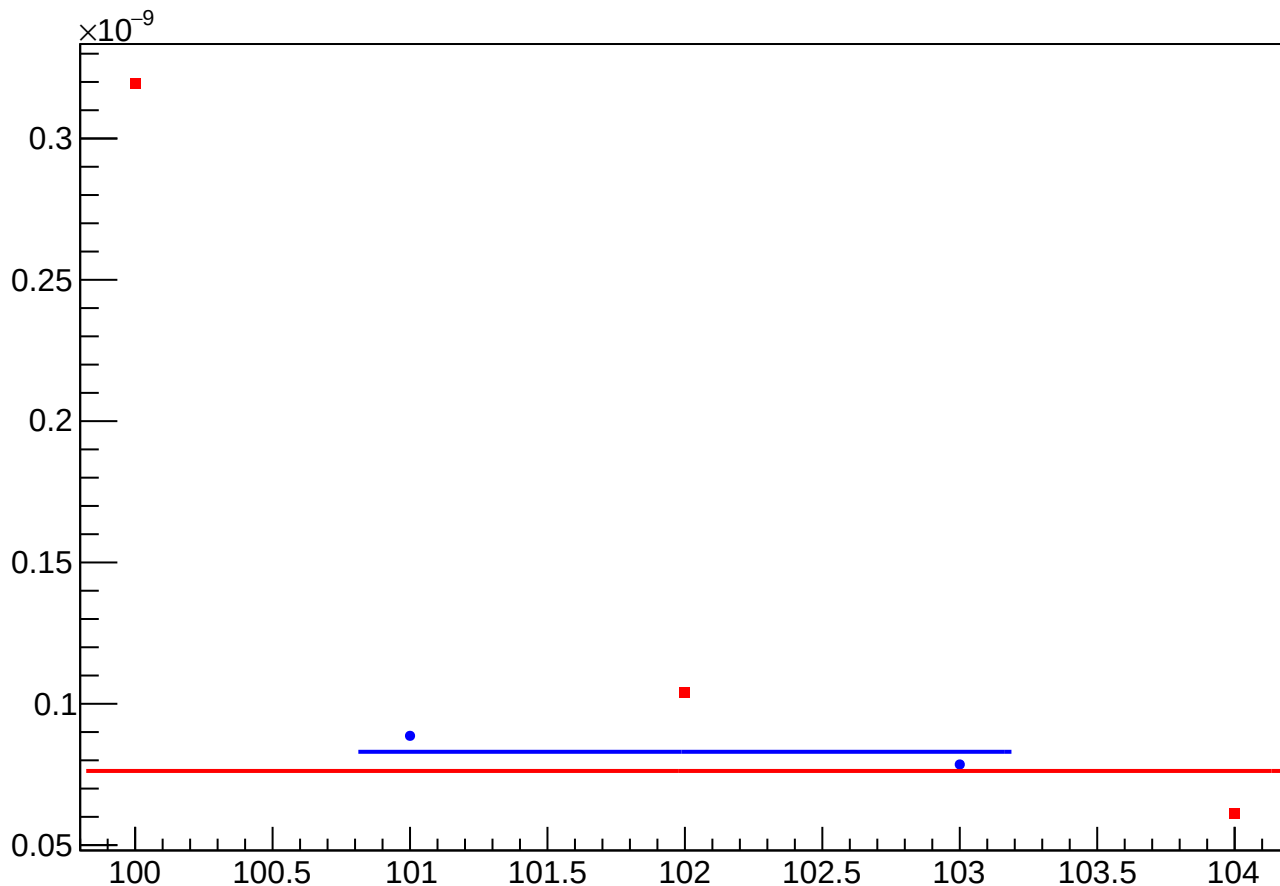
Right: -0.000+/-0.000 χ^2 /NDF: 3.0/4

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: 3.0/4

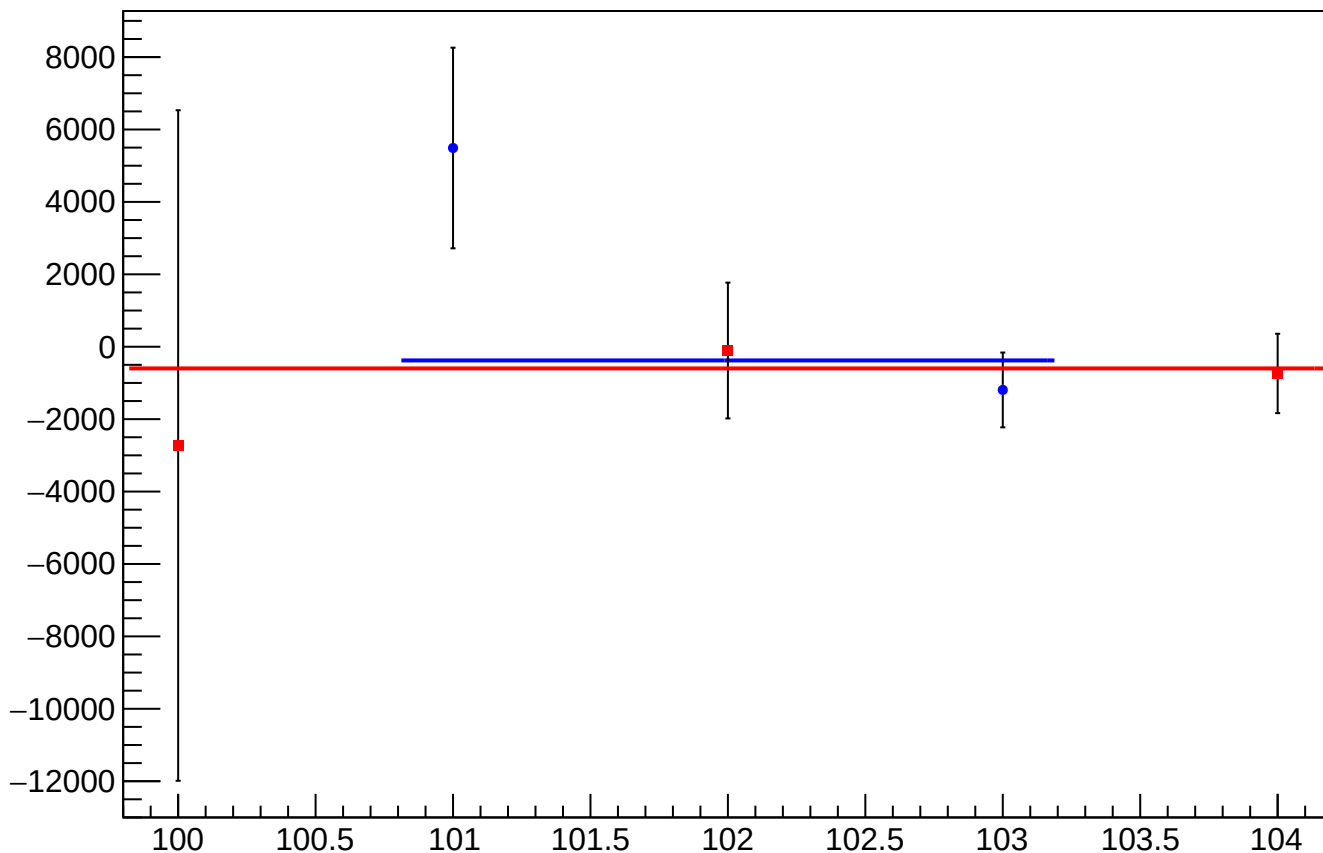
asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 169547.7/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 180435.8/4
 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 : 180435.8/4

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: -598.990+/-941.469 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

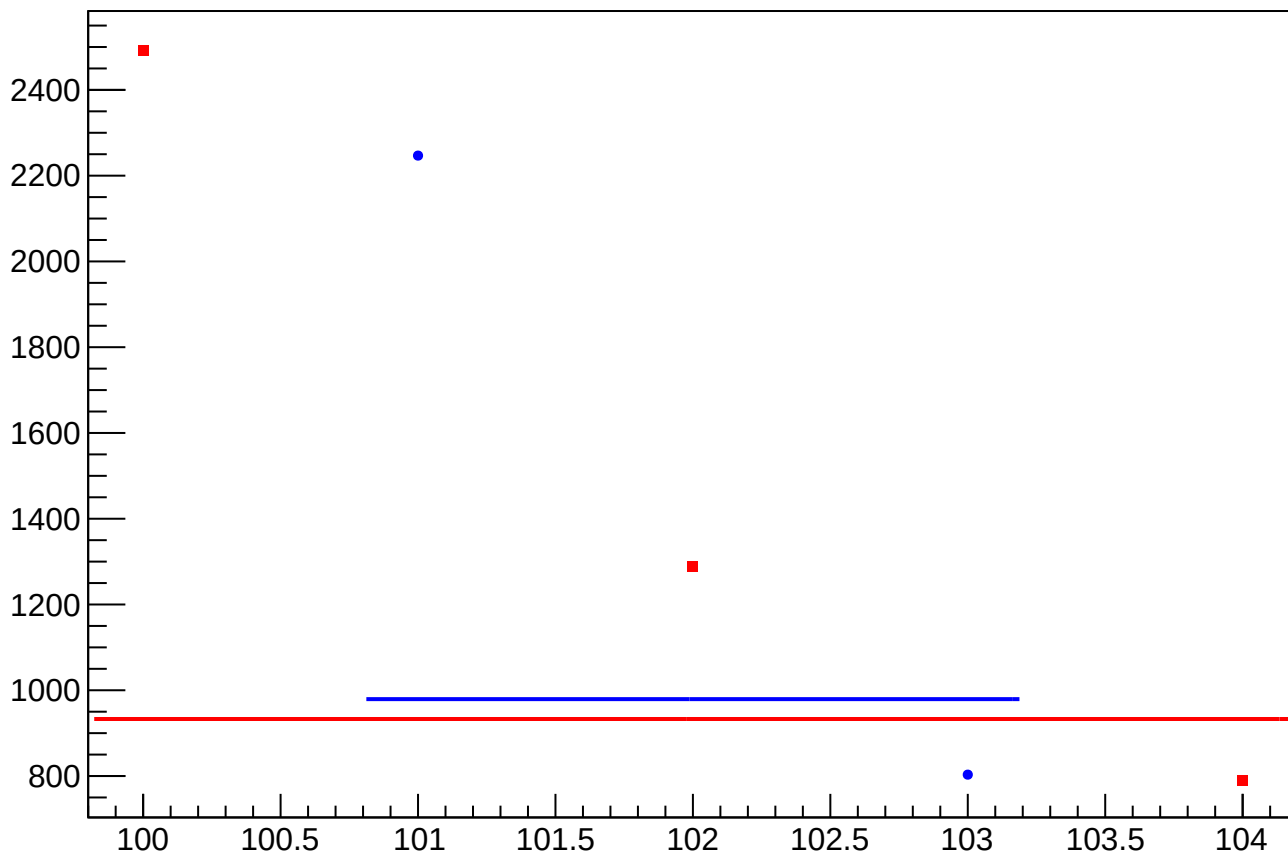
Right: -491.584+/-674.833 χ^2/NDF : 5.3/4

In: -378.088+/-967.790 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -491.584+/-674.833 χ^2/NDF : 5.3/4

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: 932.991+/-0.666 χ^2/NDF : 162844.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

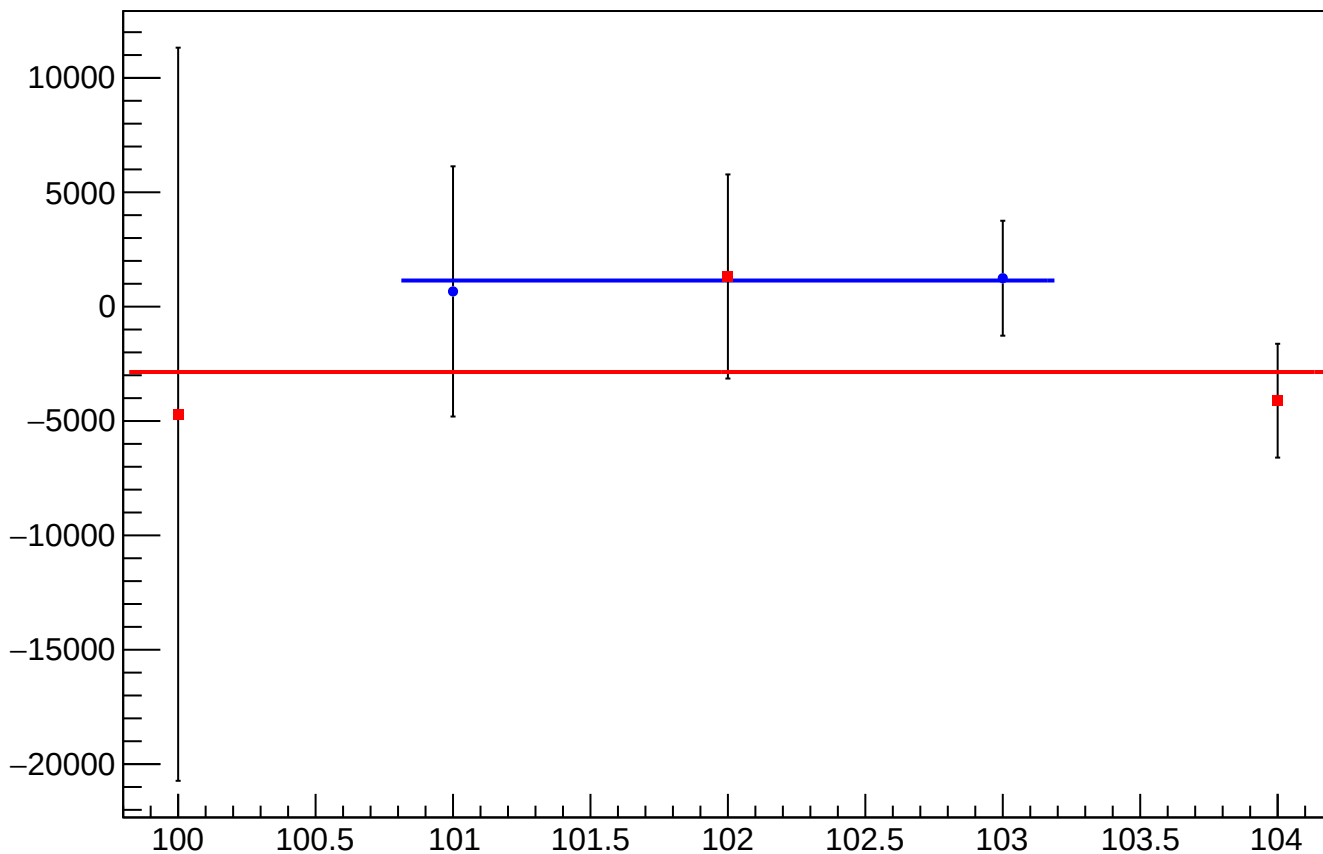
Right: 955.519+/-0.477 χ^2/NDF : 641797.5/4

In: 979.324+/-0.684 χ^2/NDF : 476597.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.519+/-0.477 χ^2/NDF : 641797.5/4

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: -2857.358+/-2153.357 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

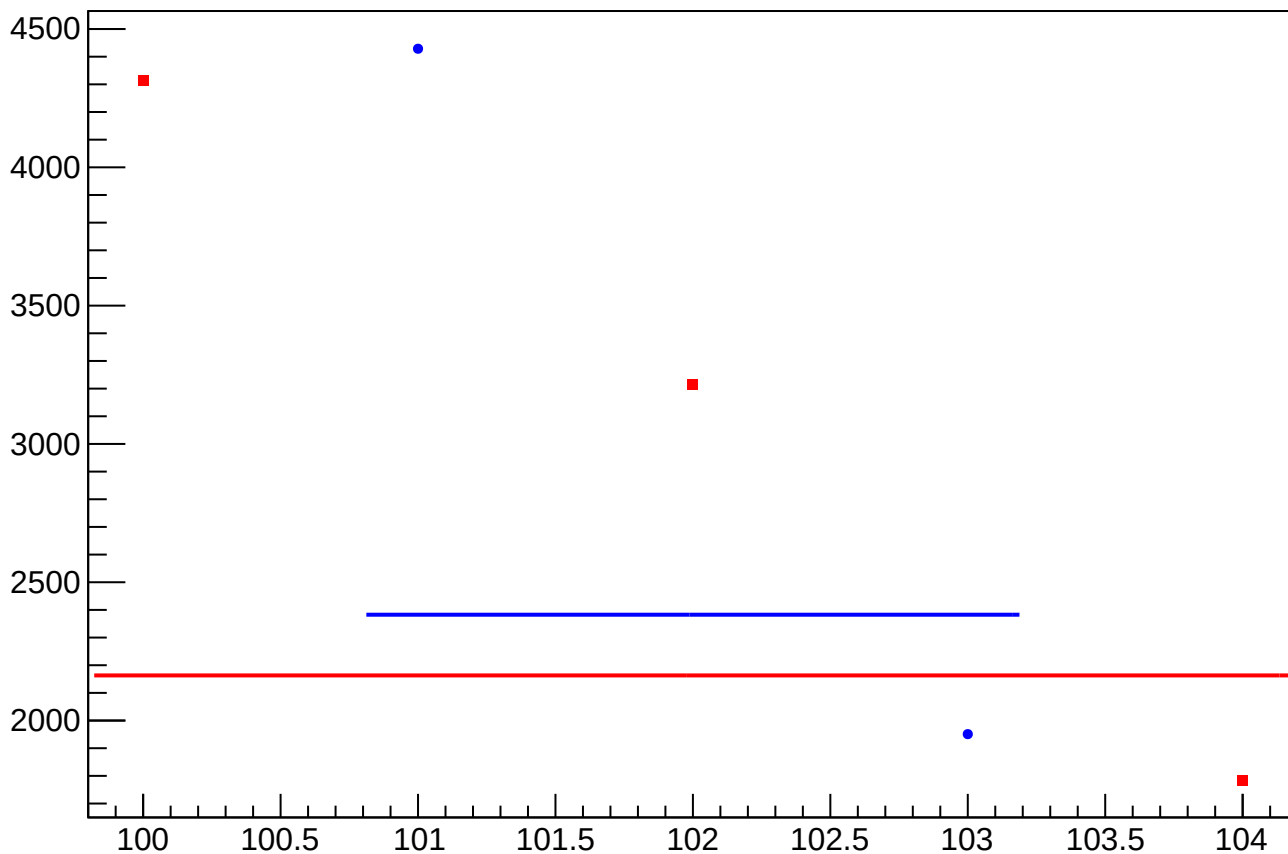
Right: -974.226+/-1566.480 χ^2/NDF : 2.8/4

In: 1142.471+/-2282.996 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -974.226+/-1566.480 χ^2/NDF : 2.8/4

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: 2163.146+/-1.523 χ^2/NDF : 193789.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

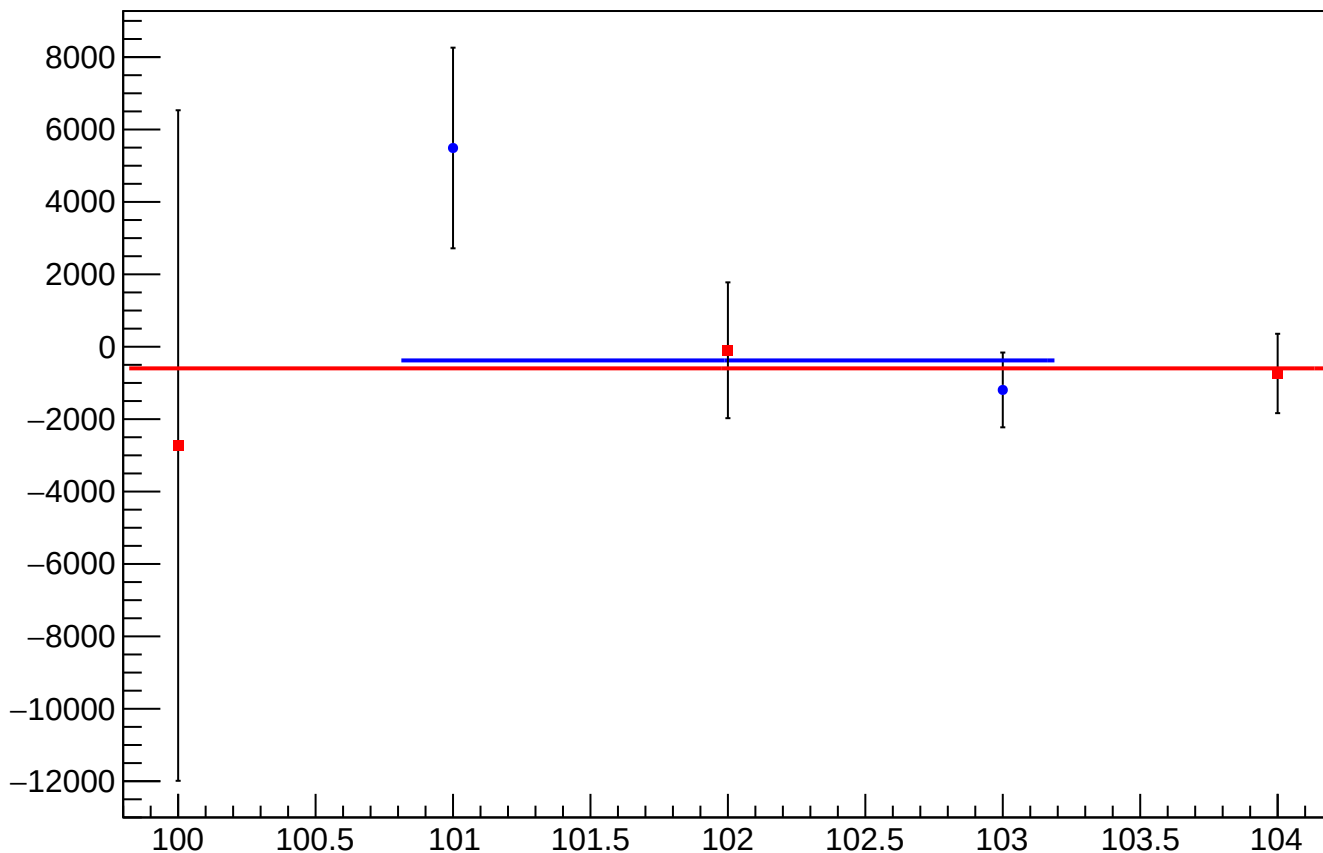
Right: 2266.474+/-1.108 χ^2/NDF : 542517.6/4

In: 2382.617+/-1.614 χ^2/NDF : 338946.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2266.474+/-1.108 χ^2/NDF : 542517.6/4

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: -597.417+/-941.471 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

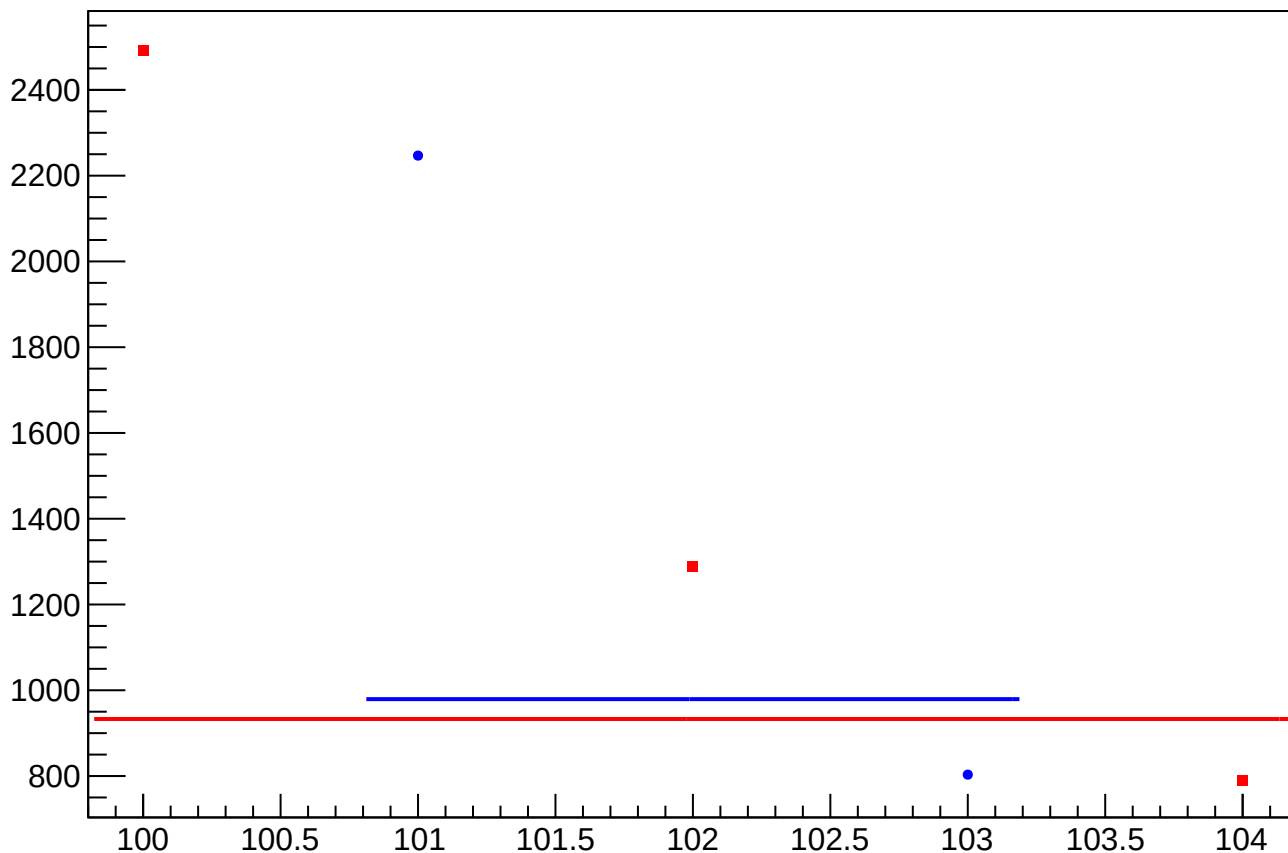
Right: -490.664+/-674.834 χ^2/NDF : 5.3/4

In: -377.858+/-967.792 χ^2/NDF :5.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -490.664+/-674.834 χ^2/NDF : 5.3/4

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: 932.990+/-0.666 χ^2/NDF : 162843.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

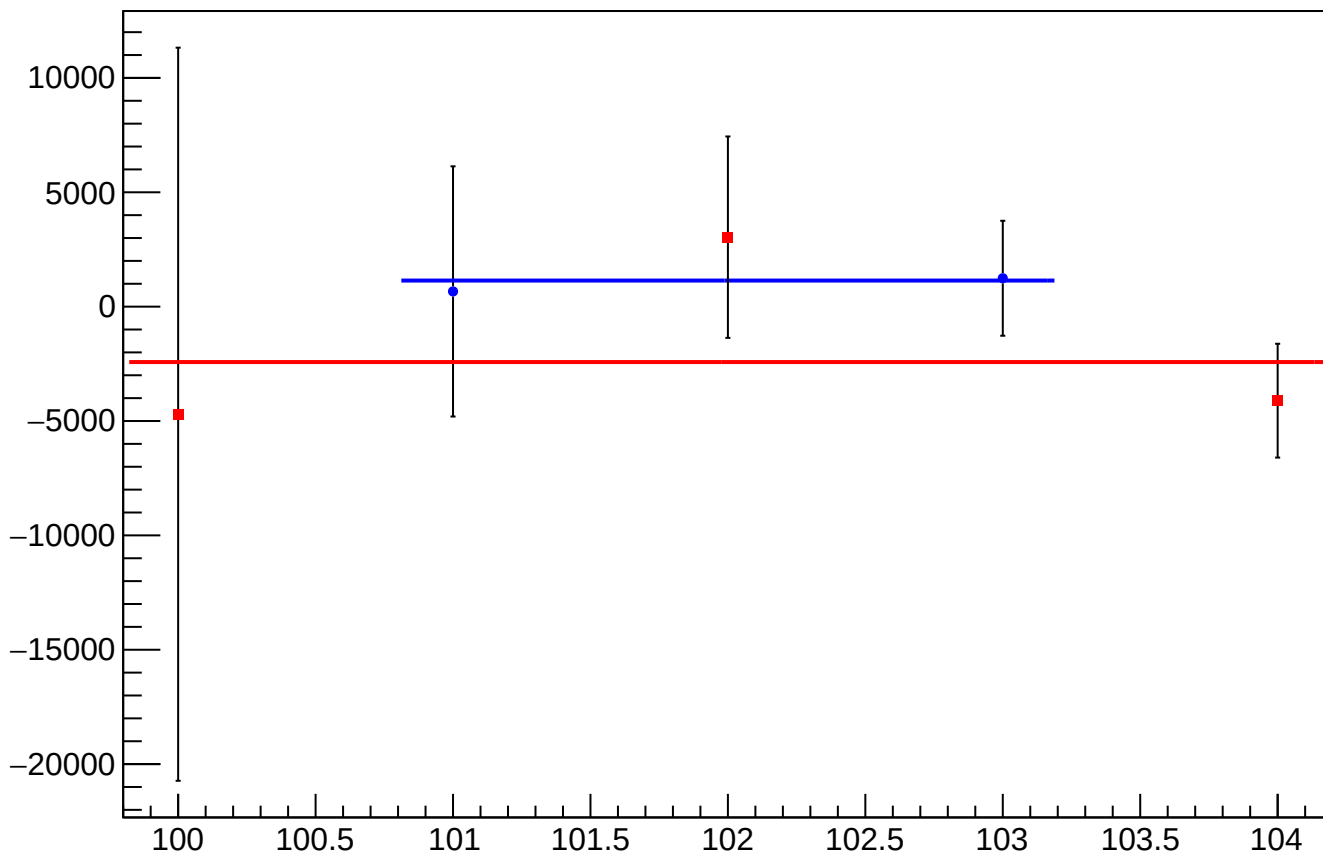
Right: 955.520+/-0.477 χ^2/NDF : 641795.6/4

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.520+/-0.477 χ^2/NDF : 641795.6/4

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2422.499+/-2146.643 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

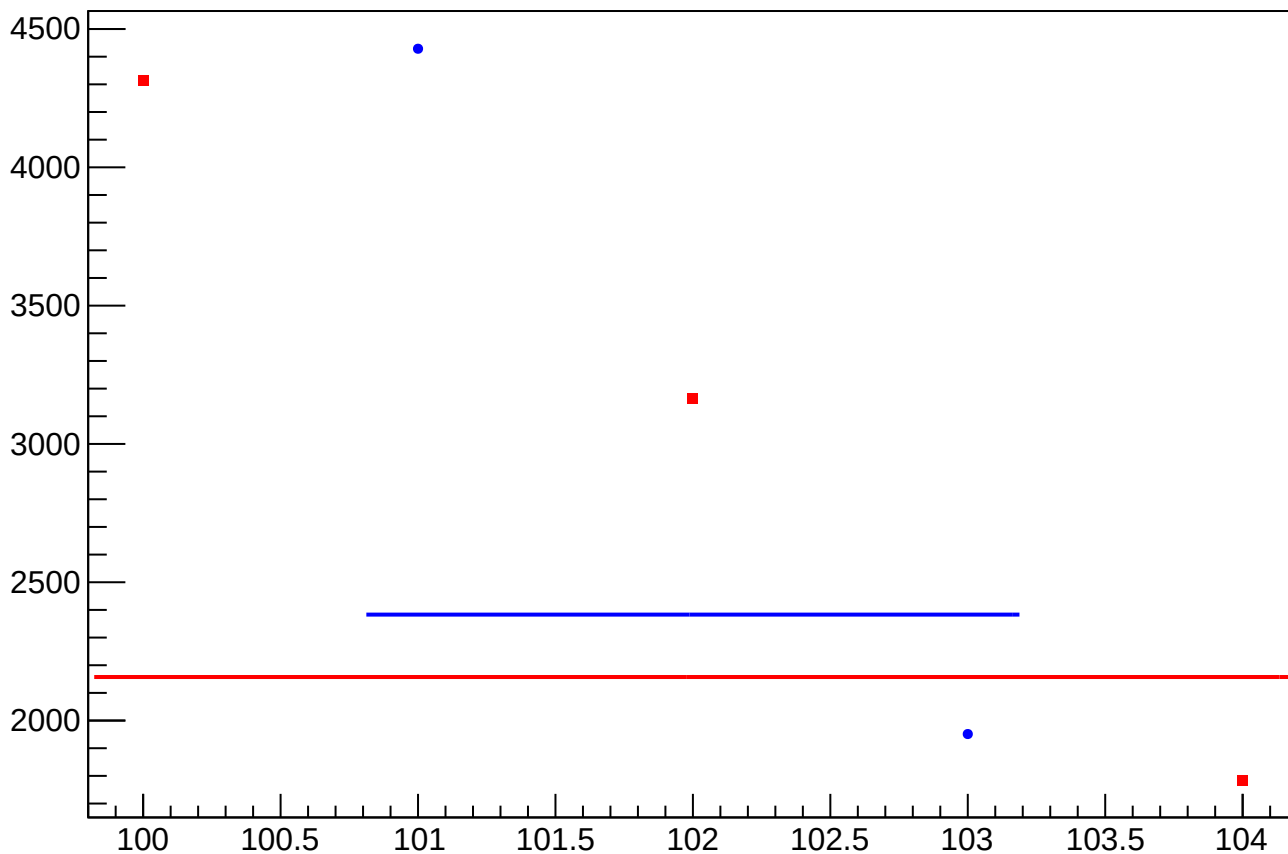
Right: -750.708+/-1563.992 χ^2/NDF : 3.3/4

In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.708+/-1563.992 χ^2/NDF : 3.3/4

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: 2157.422+/-1.518 χ^2/NDF : 185778.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

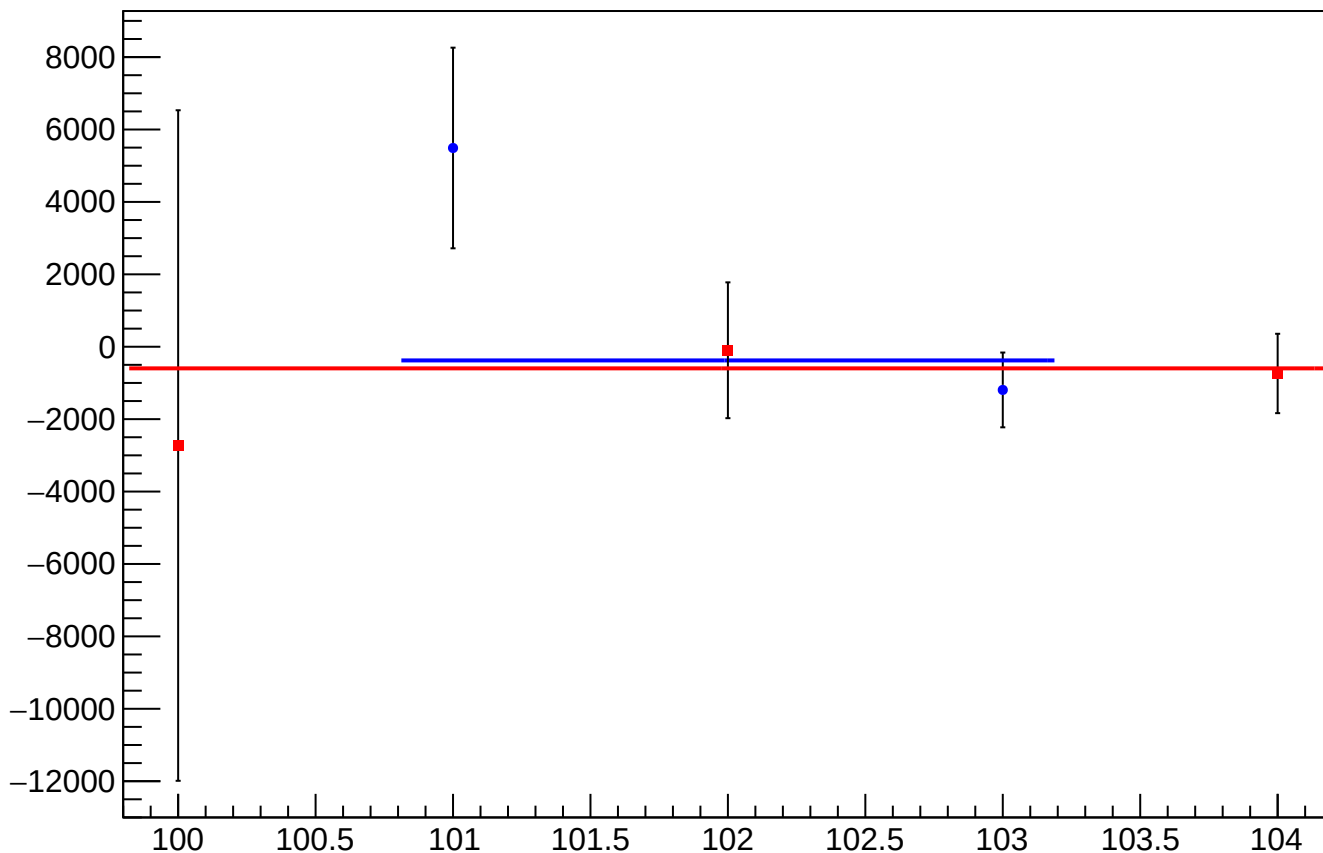
Right: 2263.272+/-1.106 χ^2/NDF : 534971.8/4

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.272+/-1.106 χ^2/NDF : 534971.8/4

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: -597.417+/-941.471 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

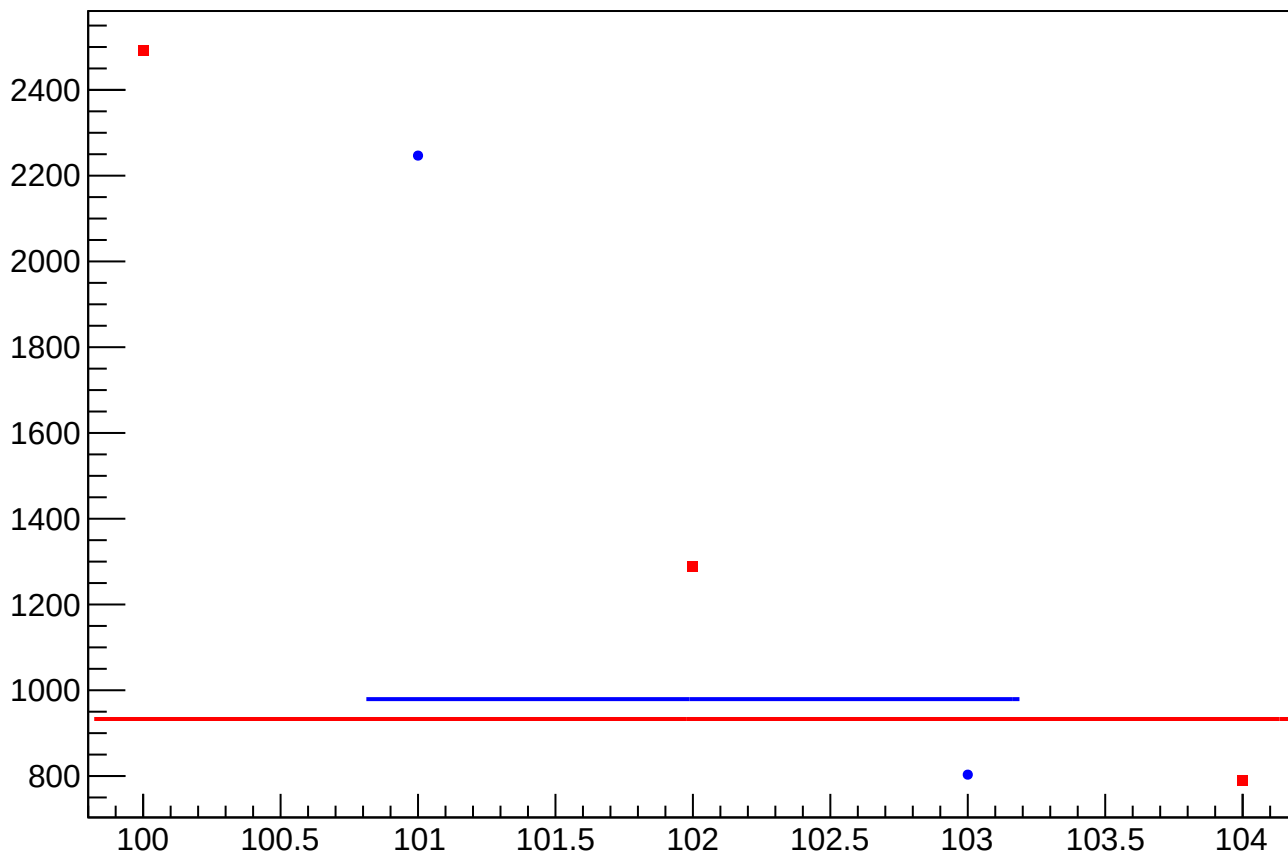
Right: -490.664+/-674.834 χ^2/NDF : 5.3/4

In: -377.858+/-967.792 χ^2/NDF :5.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -490.664+/-674.834 χ^2/NDF : 5.3/4

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: 932.990+/-0.666 χ^2/NDF : 162843.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

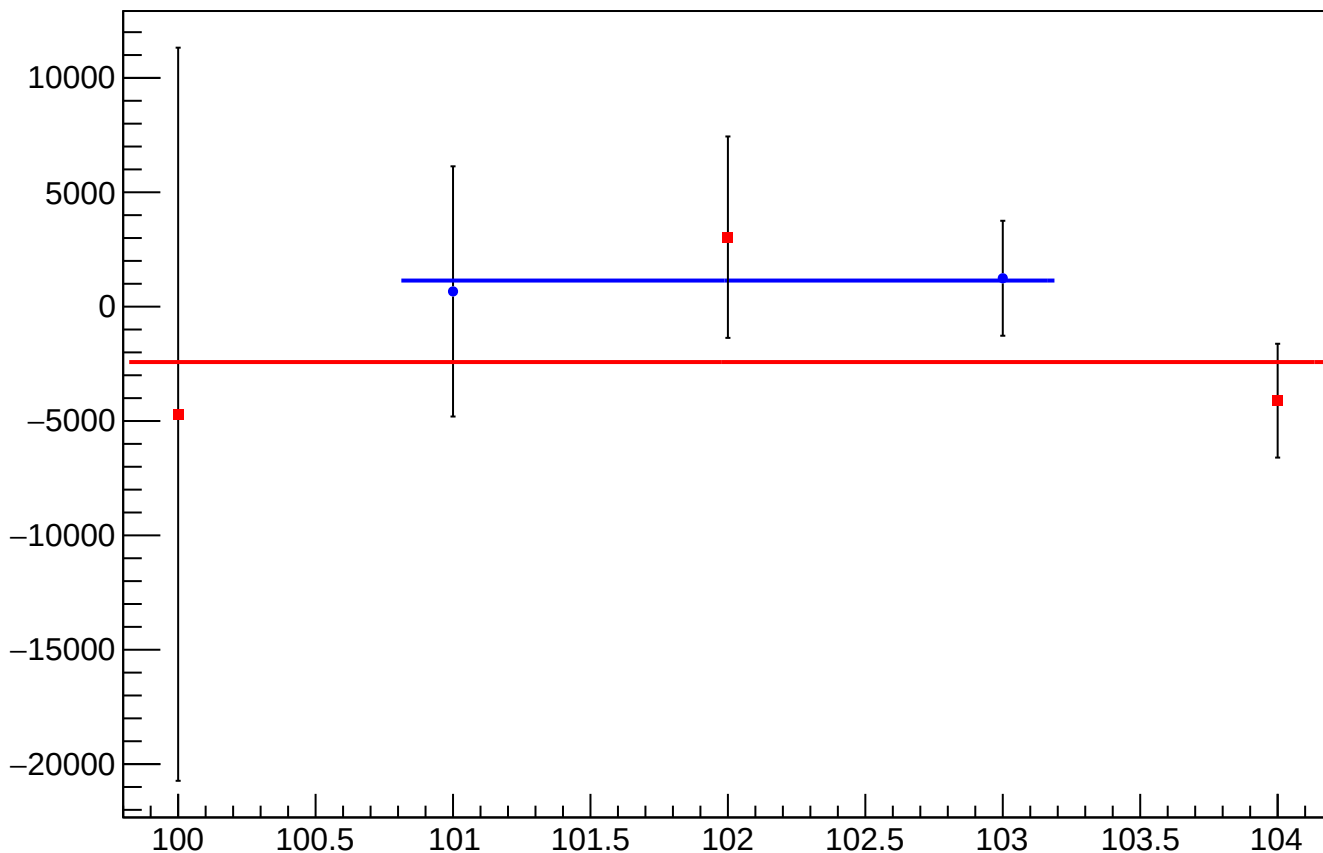
Right: 955.520+/-0.477 χ^2/NDF : 641795.6/4

In: 979.326+/-0.684 χ^2/NDF : 476596.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 955.520+/-0.477 χ^2/NDF : 641795.6/4

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2422.499+/-2146.643 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

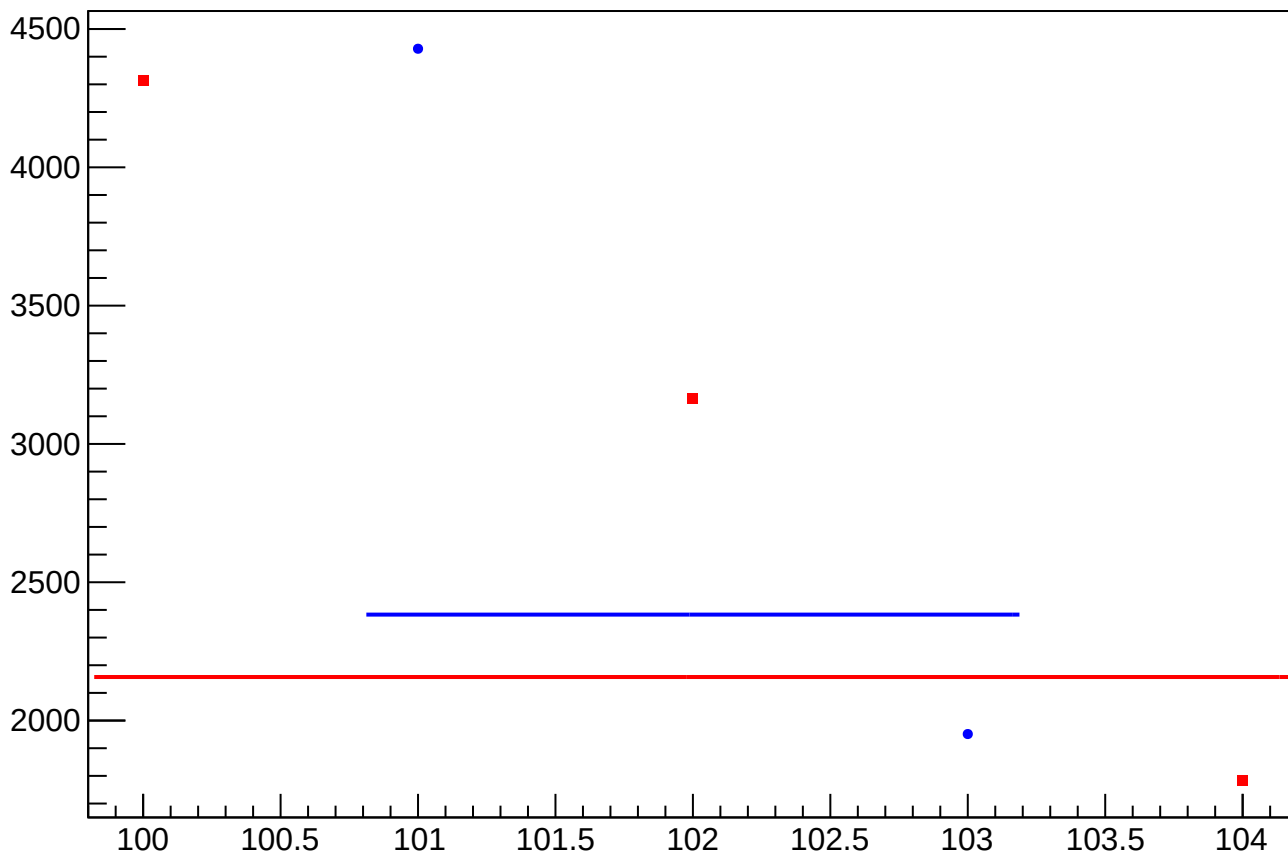
Right: -750.708+/-1563.992 χ^2/NDF : 3.3/4

In: 1140.741+/-2283.316 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.708+/-1563.992 χ^2/NDF : 3.3/4

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: 2157.422+/-1.518 χ^2/NDF : 185778.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

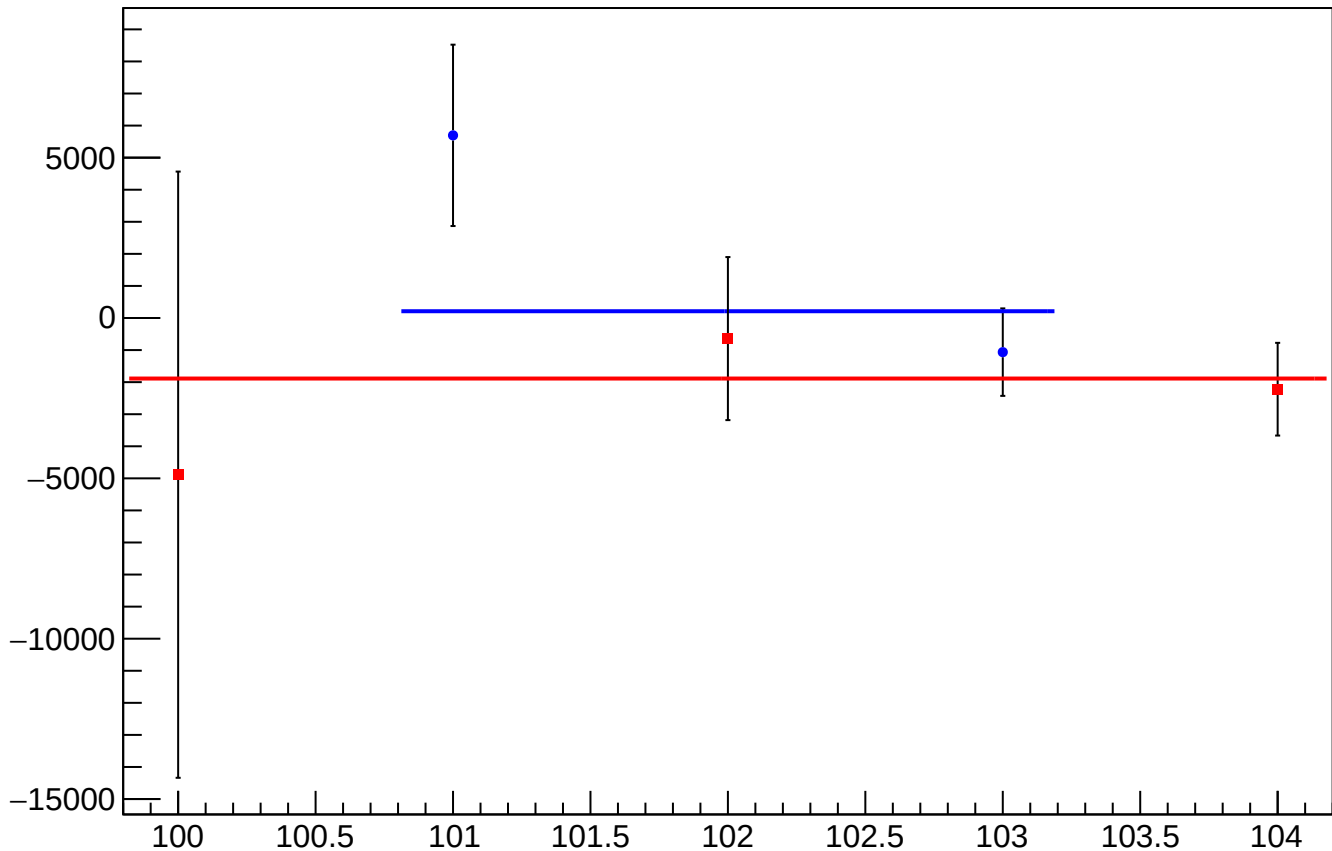
Right: 2263.272+/-1.106 χ^2/NDF : 534971.8/4

In: 2383.031+/-1.615 χ^2/NDF : 338828.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.272+/-1.106 χ^2/NDF : 534971.8/4

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: -1887.617+/-1245.584 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

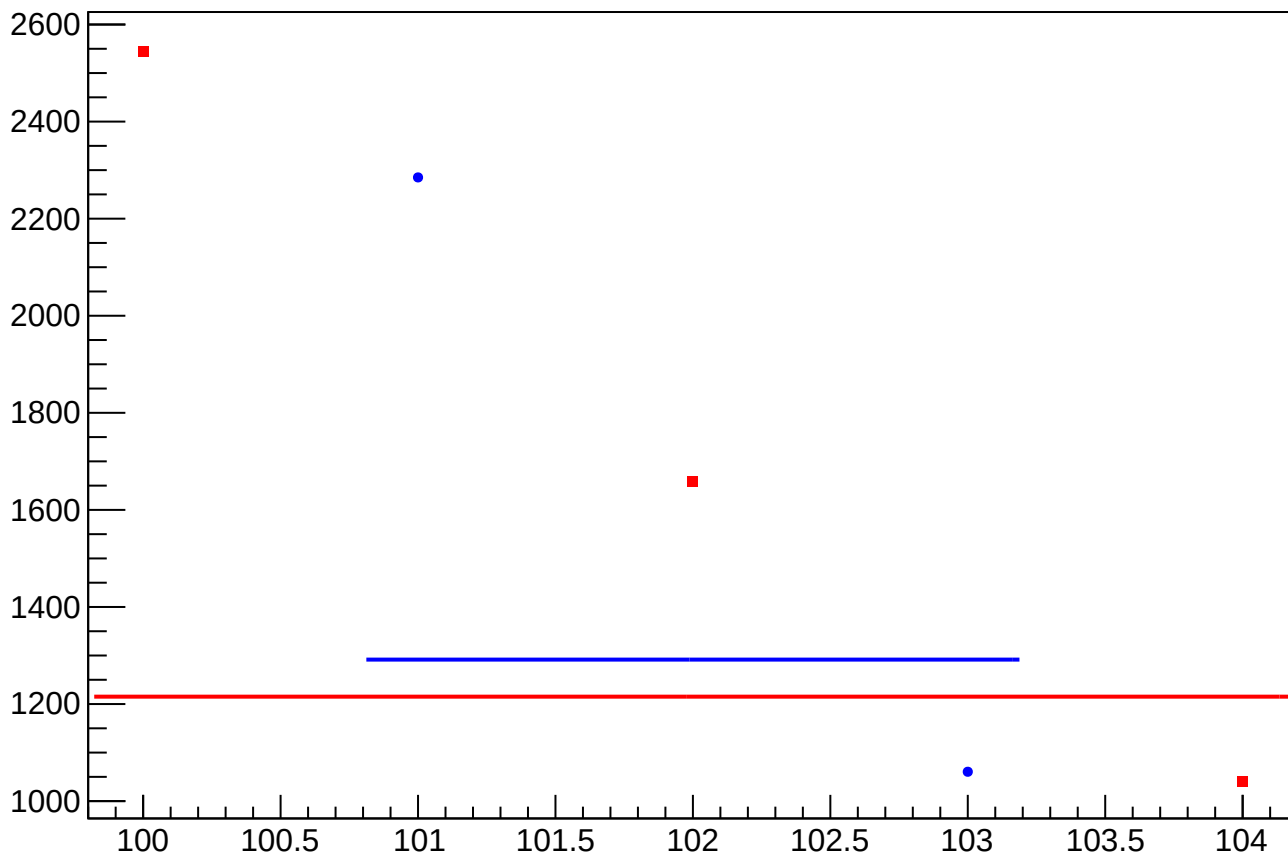
Right: -823.546+/-874.581 χ^2/NDF : 6.5/4

In: 211.177+/-1228.286 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -823.546+/-874.581 χ^2/NDF : 6.5/4

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: 1215.230+/-0.881 χ^2/NDF : 129432.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

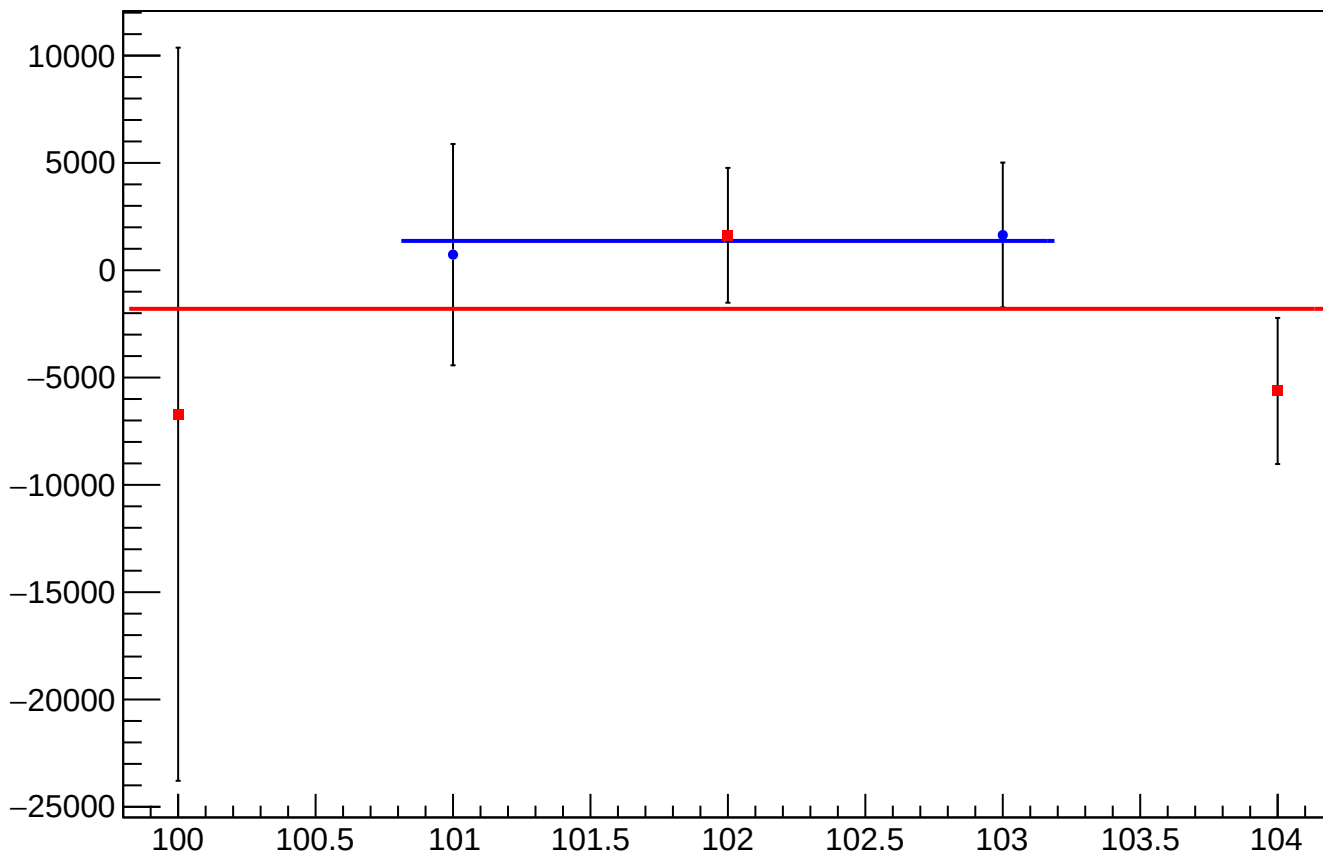
Right: 1253.935+/-0.618 χ^2/NDF : 437541.0/4

In: 1291.572+/-0.869 χ^2/NDF : 304299.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1253.935+/-0.618 χ^2/NDF : 437541.0/4

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: -1797.288+/-2287.726 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

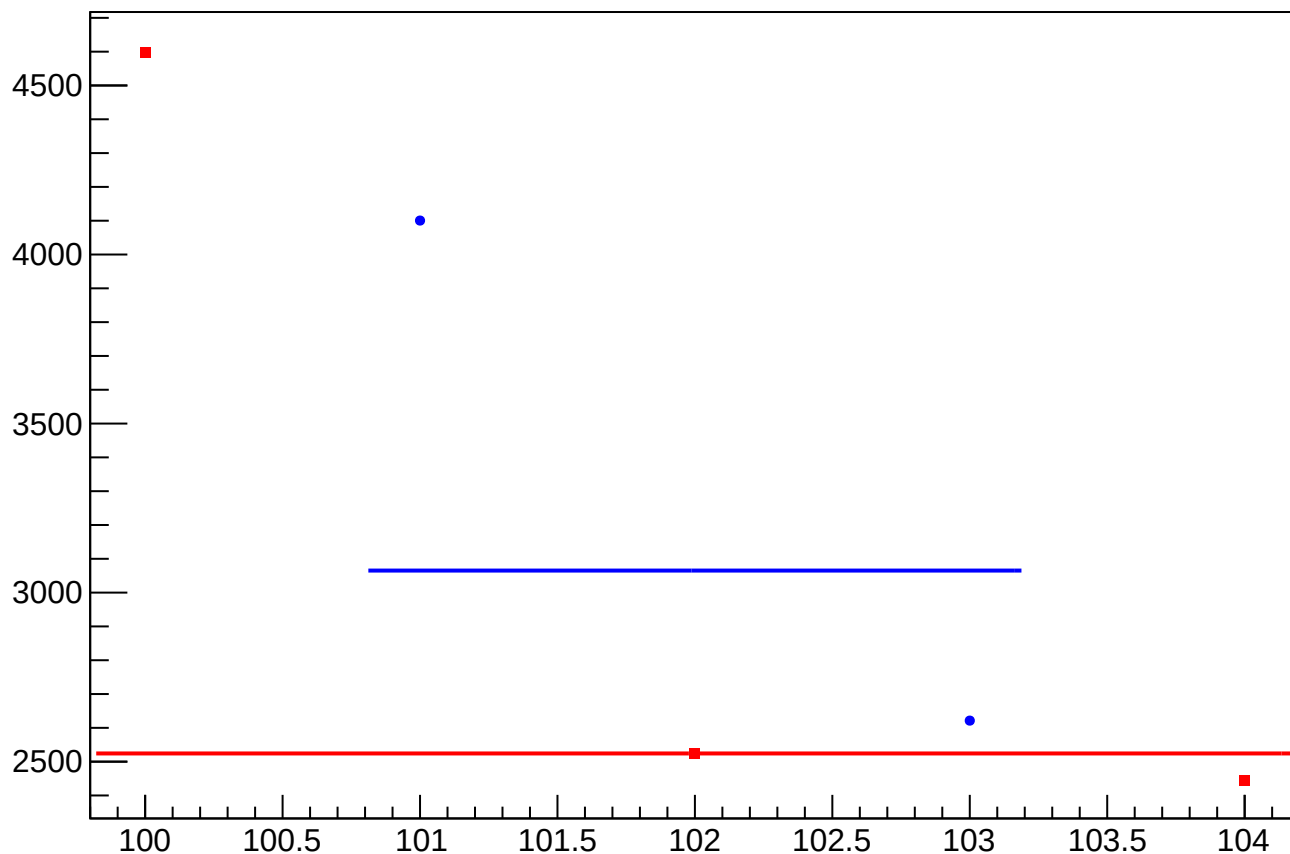
Right: -543.946+/-1777.701 χ^2/NDF : 3.3/4

In: 1366.299+/-2824.319 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -543.946+/-1777.701 χ^2/NDF : 3.3/4

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: 2524.261+/-1.618 χ^2/NDF : 30596.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

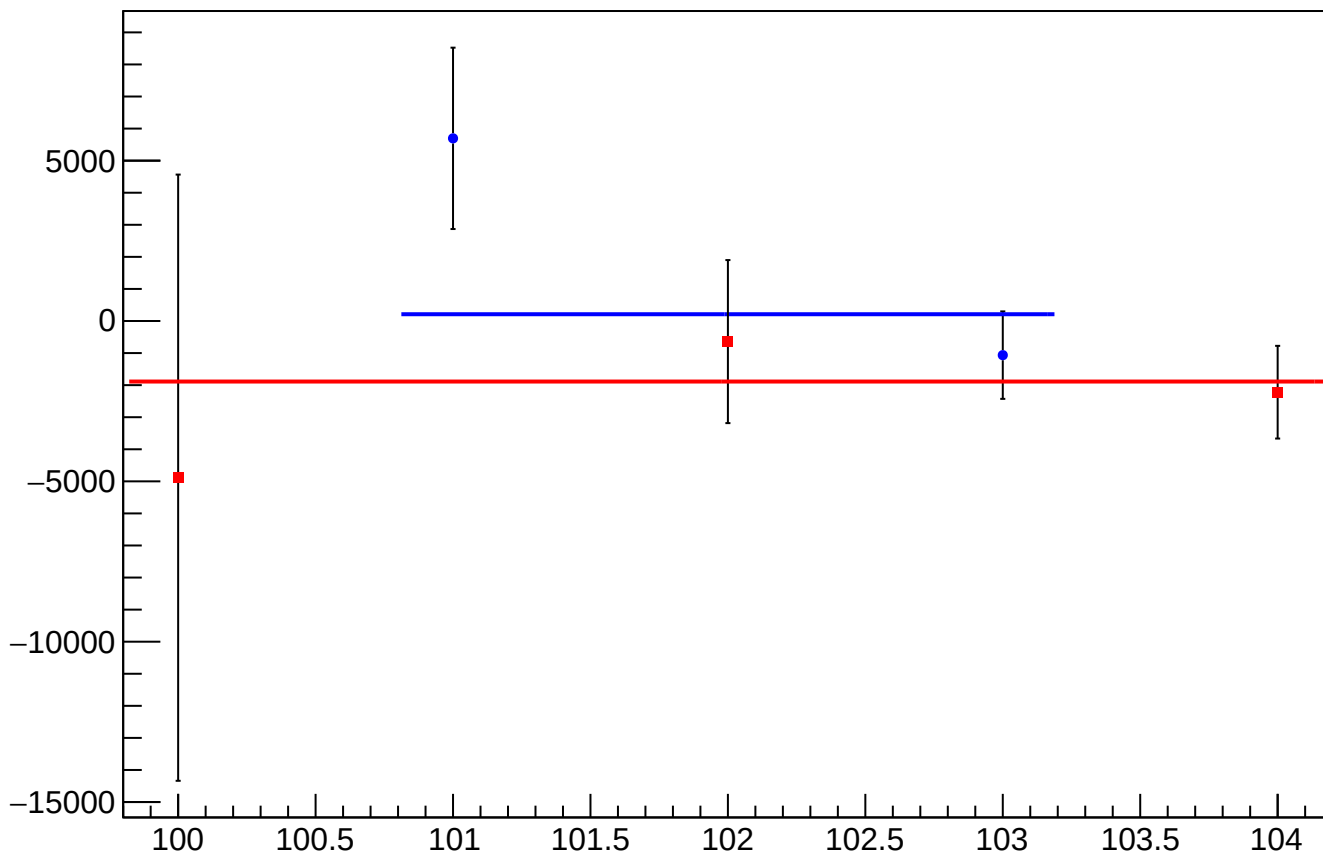
Right: 2738.570+/-1.257 χ^2/NDF : 190098.6/4

In: 3065.203+/-1.997 χ^2/NDF : 115200.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2738.570+/-1.257 χ^2/NDF : 190098.6/4

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: -1887.626+/-1245.585 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

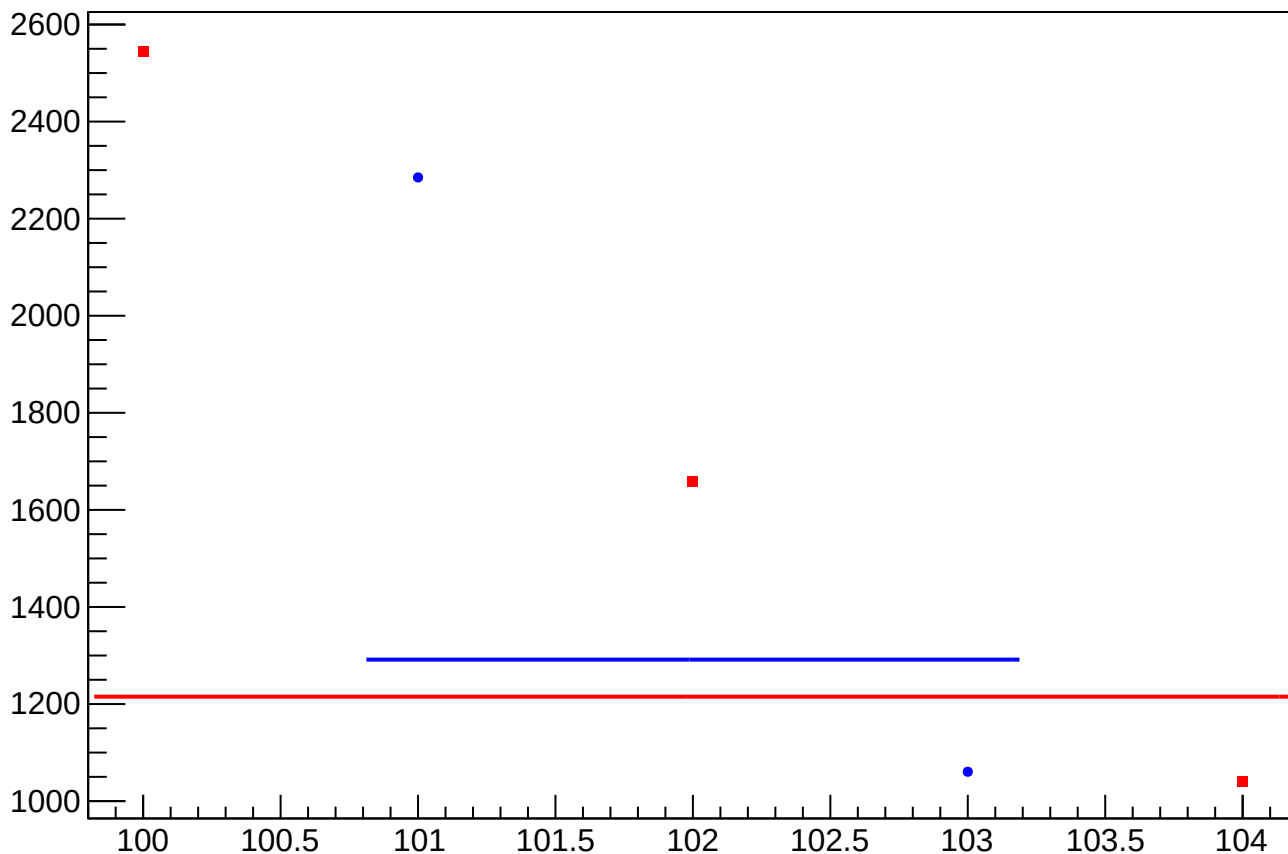
Right: -823.546+/-874.582 χ^2/NDF : 6.5/4

In: 211.185+/-1228.287 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -823.546+/-874.582 χ^2/NDF : 6.5/4

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: 1215.231+/-0.881 χ^2/NDF : 129433.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

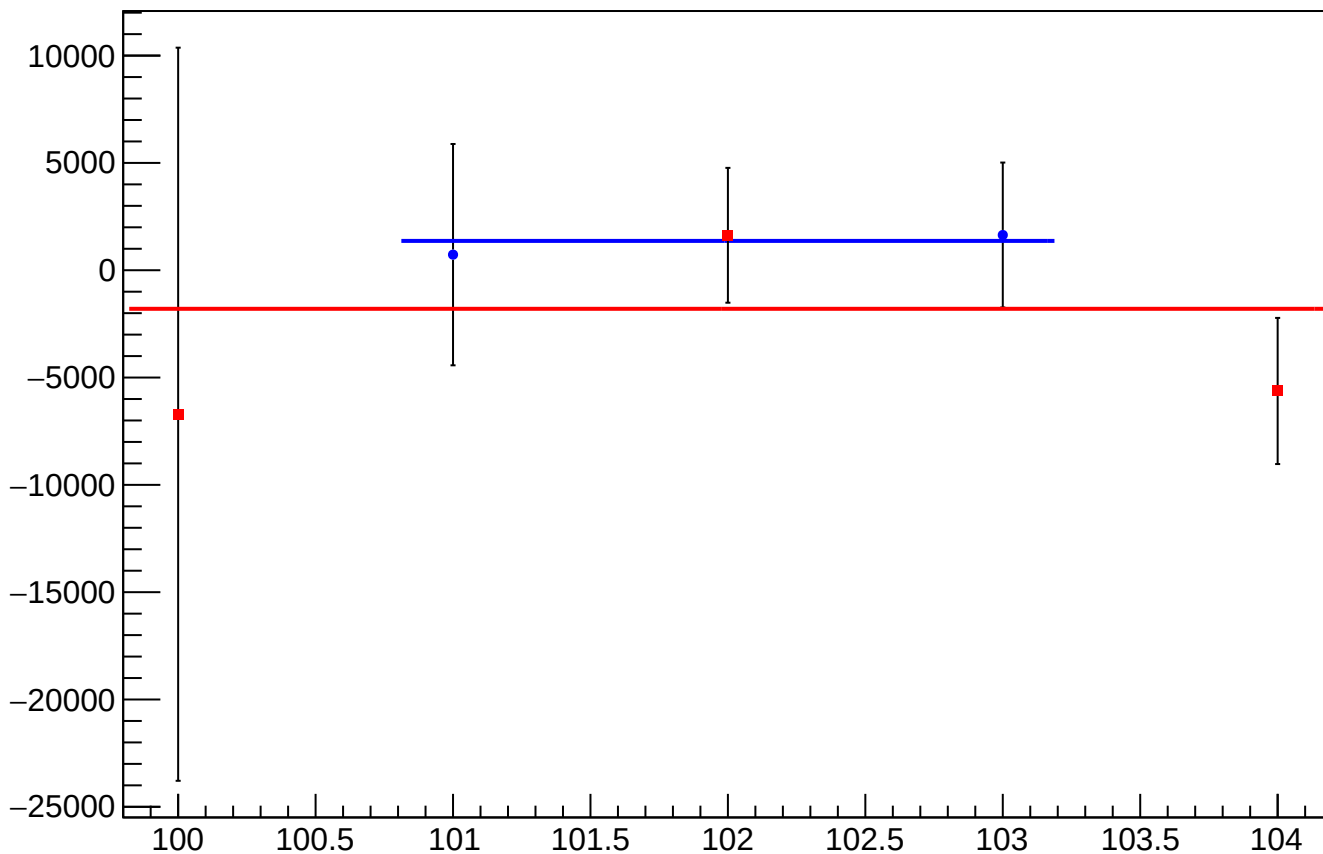
Right: 1253.936+/-0.618 χ^2/NDF : 437540.5/4

In: 1291.573+/-0.869 χ^2/NDF : 304298.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1253.936+/-0.618 χ^2/NDF : 437540.5/4

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: -1797.290+/-2287.726 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

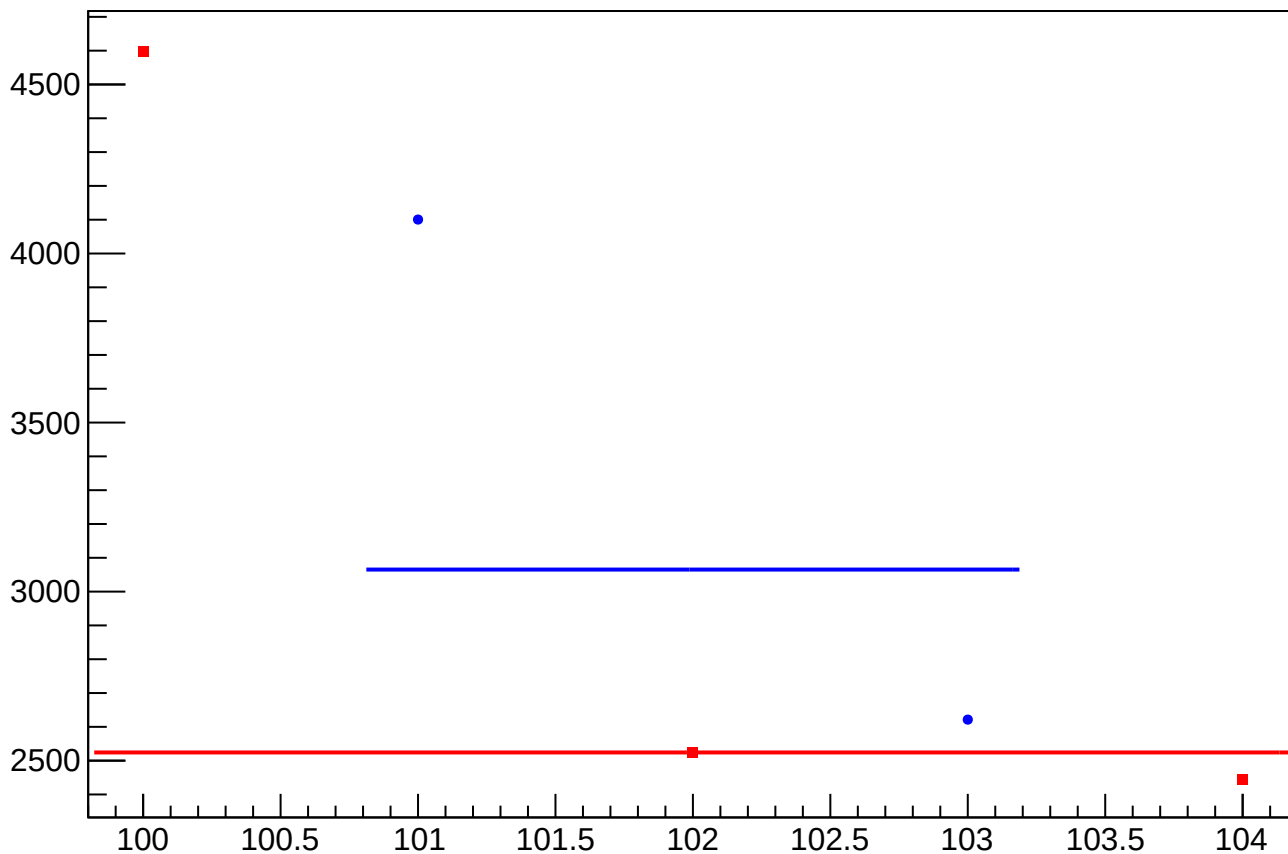
Right: -543.944+/-1777.701 χ^2/NDF : 3.3/4

In: 1366.306+/-2824.319 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -543.944+/-1777.701 χ^2/NDF : 3.3/4

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: 2524.261+/-1.618 χ^2/NDF : 30596.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

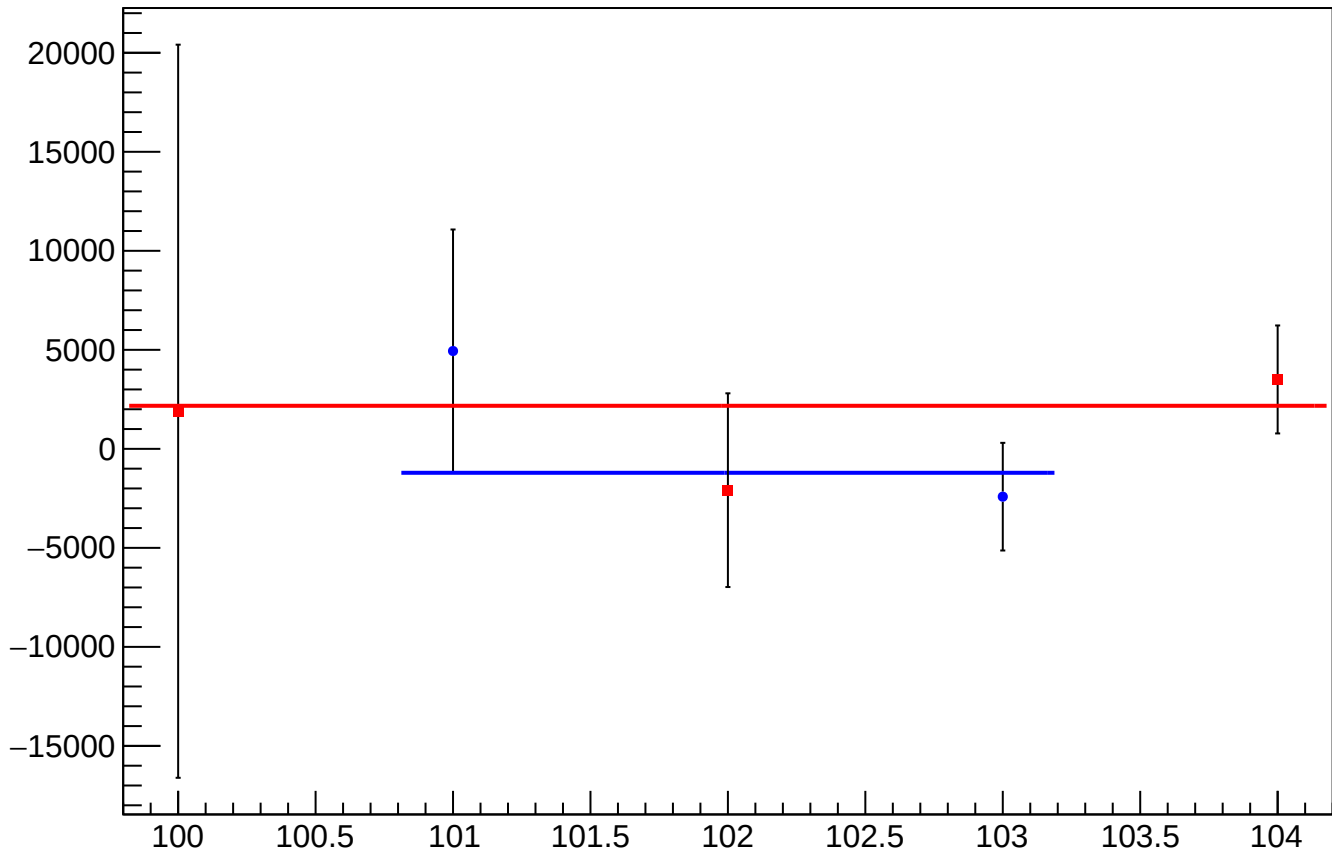
Right: 2738.570+/-1.257 χ^2/NDF : 190097.8/4

In: 3065.203+/-1.997 χ^2/NDF : 115200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2738.570+/-1.257 χ^2/NDF : 190097.8/4

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1208.661+/-2485.305 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2174.574+/-2361.687 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

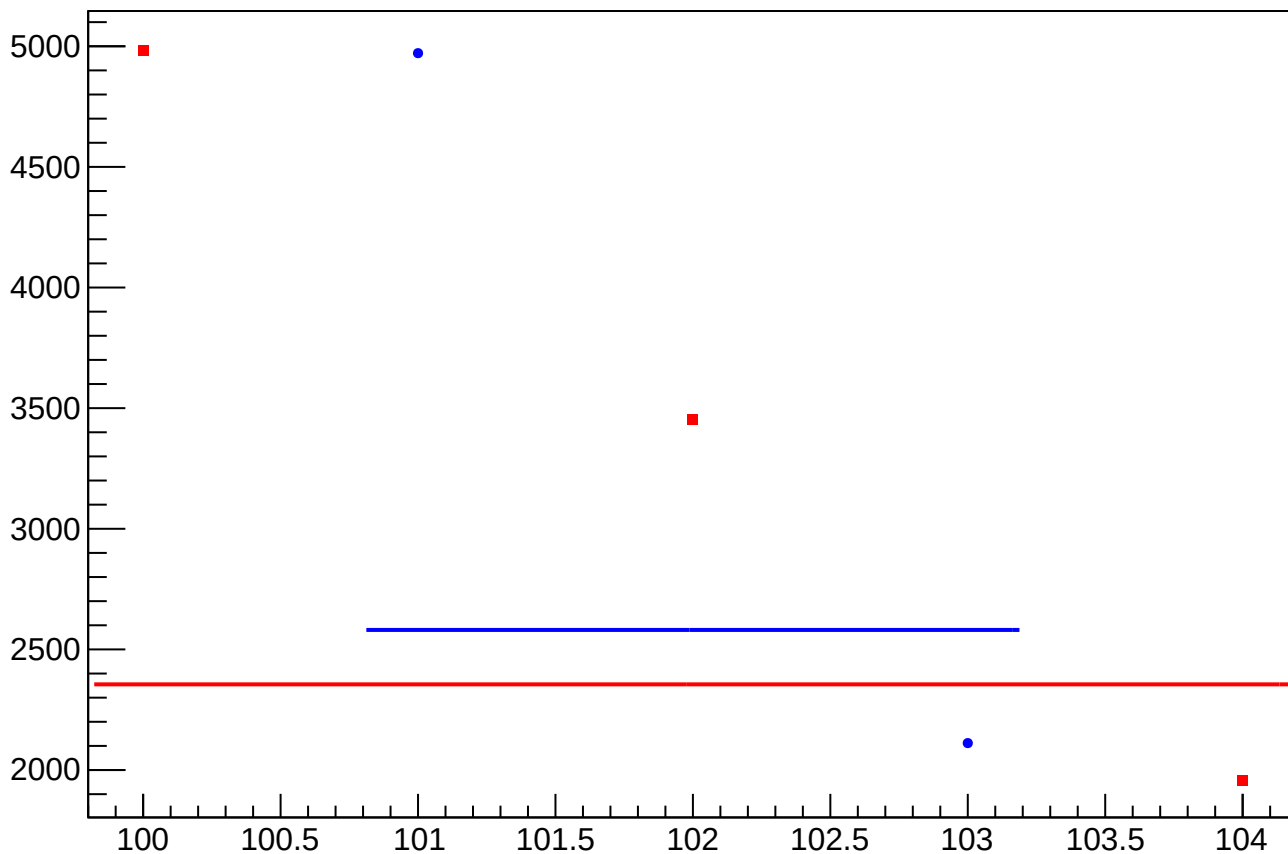
Right: 569.187+/-1711.999 χ^2/NDF : 3.2/4

In: -1208.661+/-2485.305 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.187+/-1711.999 χ^2/NDF : 3.2/4

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: 2355.141+/-1.670 χ^2/NDF : 183487.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

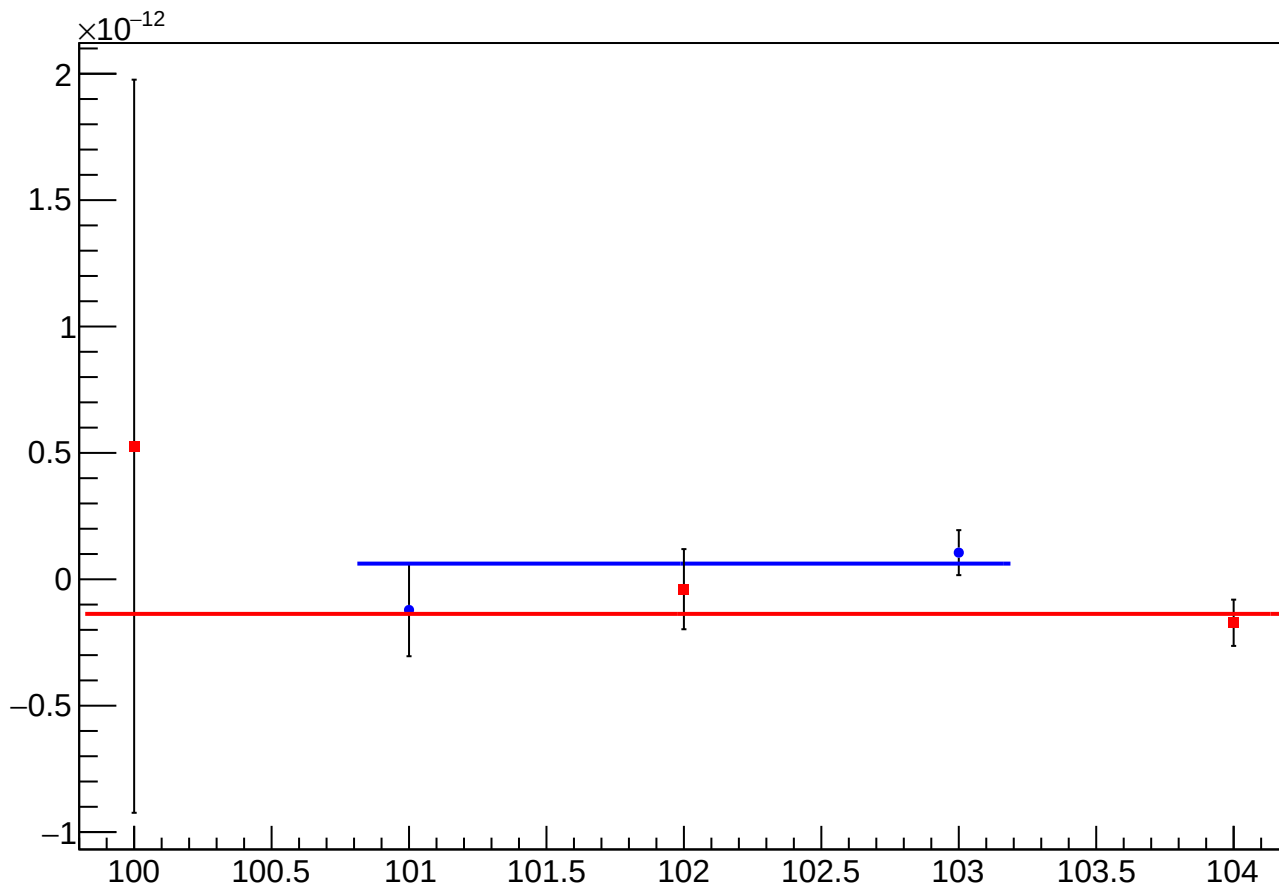
Right: 2462.189+/-1.211 χ^2/NDF : 555228.8/4

In: 2580.738+/-1.757 χ^2/NDF : 363082.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2462.189+/-1.211 χ^2/NDF : 555228.8/4

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 : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

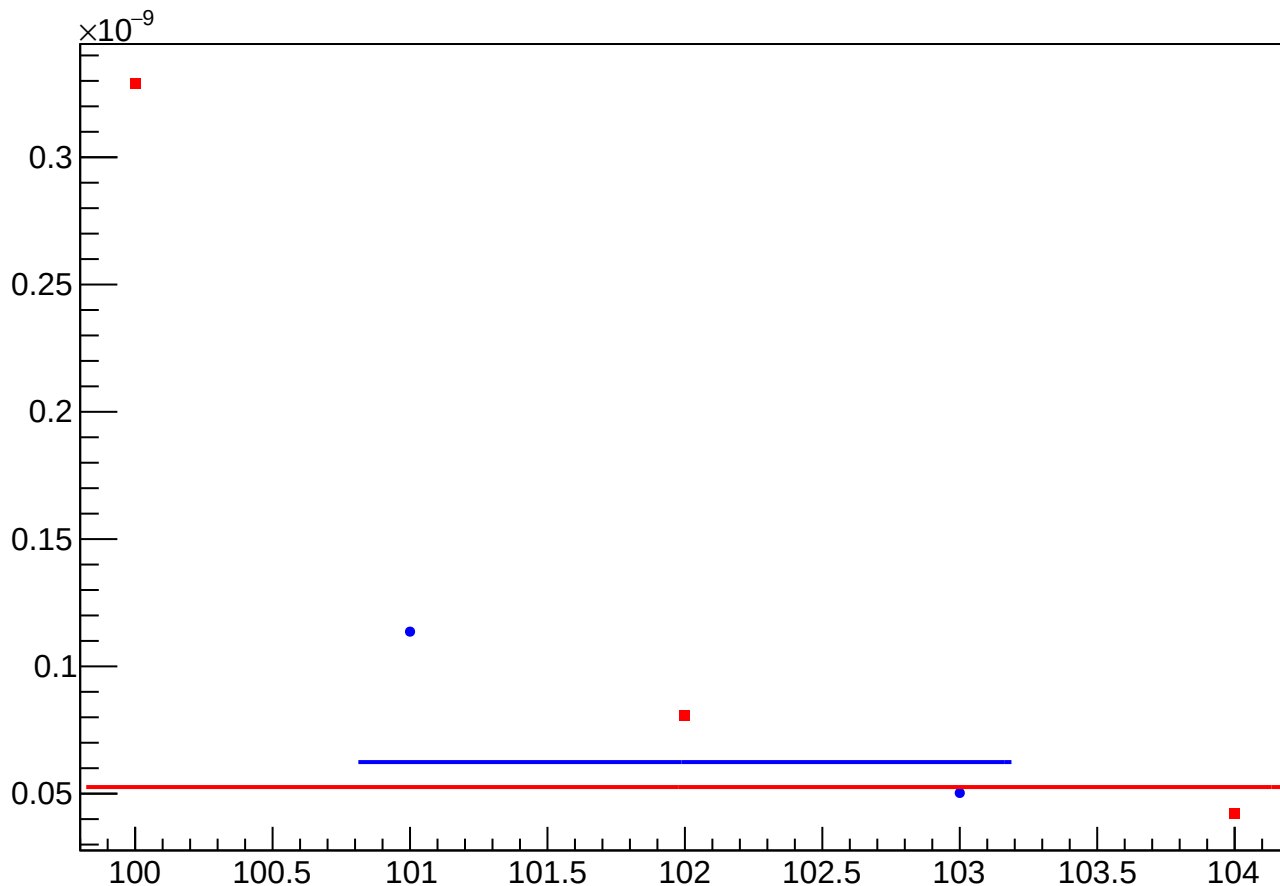
Right: -0.000+/-0.000 χ^2/NDF : 5.1/4

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 : 5.1/4

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 : 161401.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

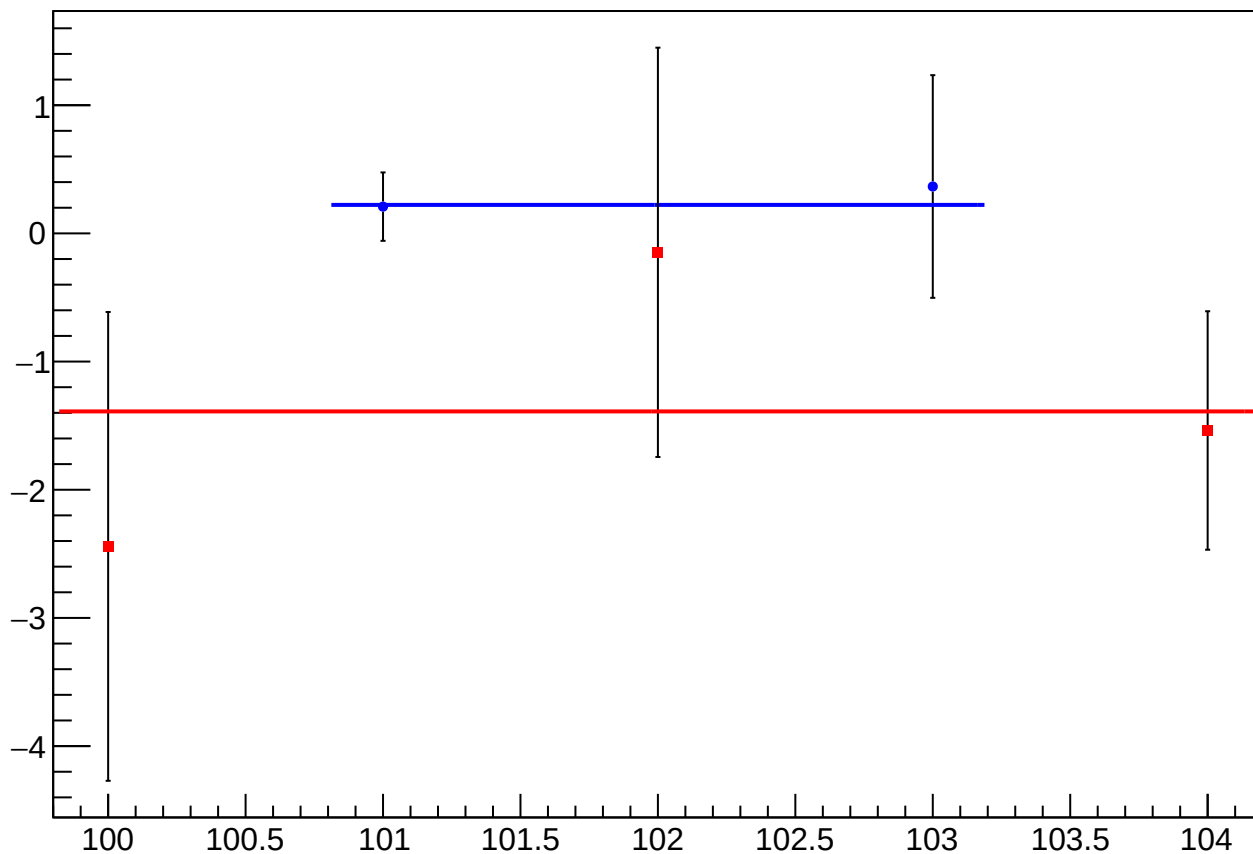
Right: 0.000+/-0.000 χ^2/NDF : 370529.7/4

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 : 370529.7/4

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: -1.389+/-0.736 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

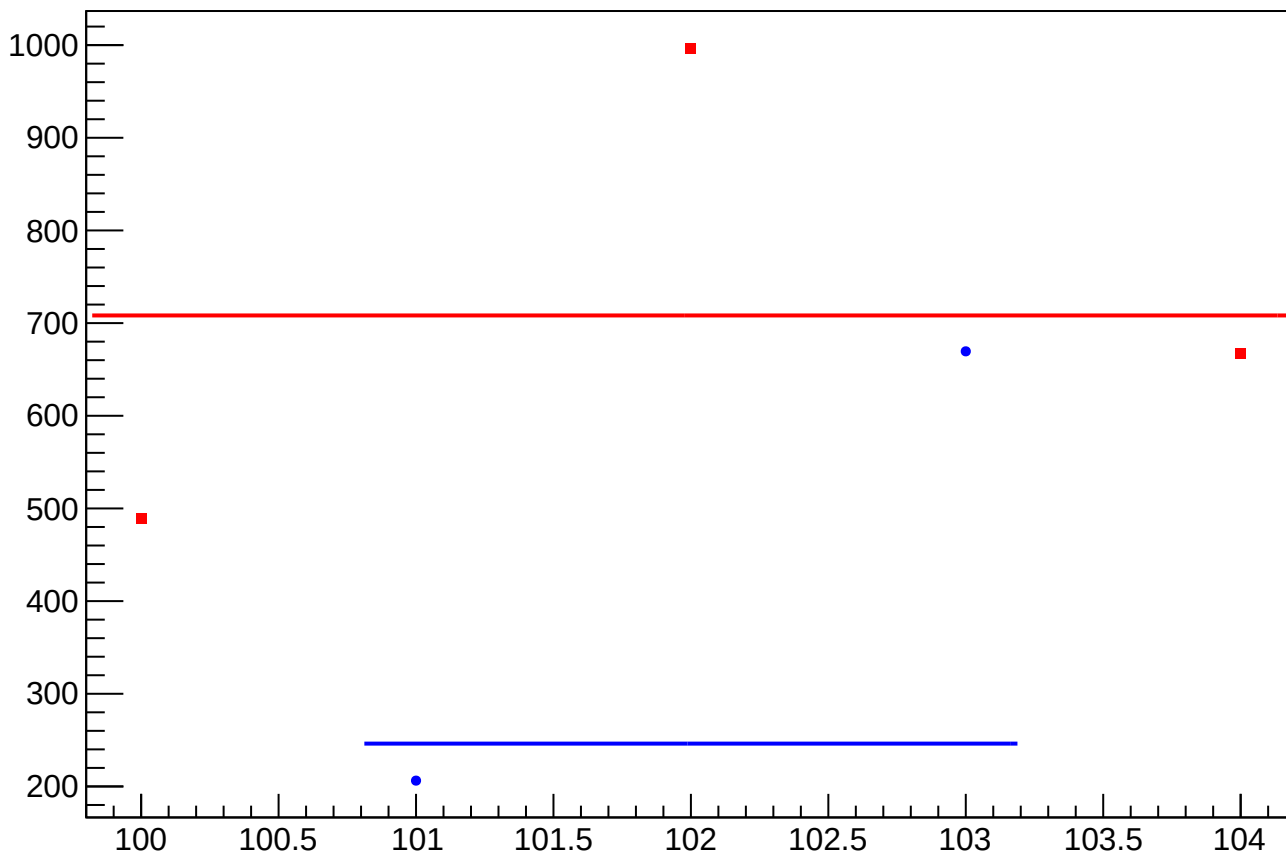
Right: 0.049+/-0.241 χ^2/NDF : 5.3/4

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.241 χ^2/NDF : 5.3/4

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: 708.266+/-0.520 χ^2/NDF : 97643.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

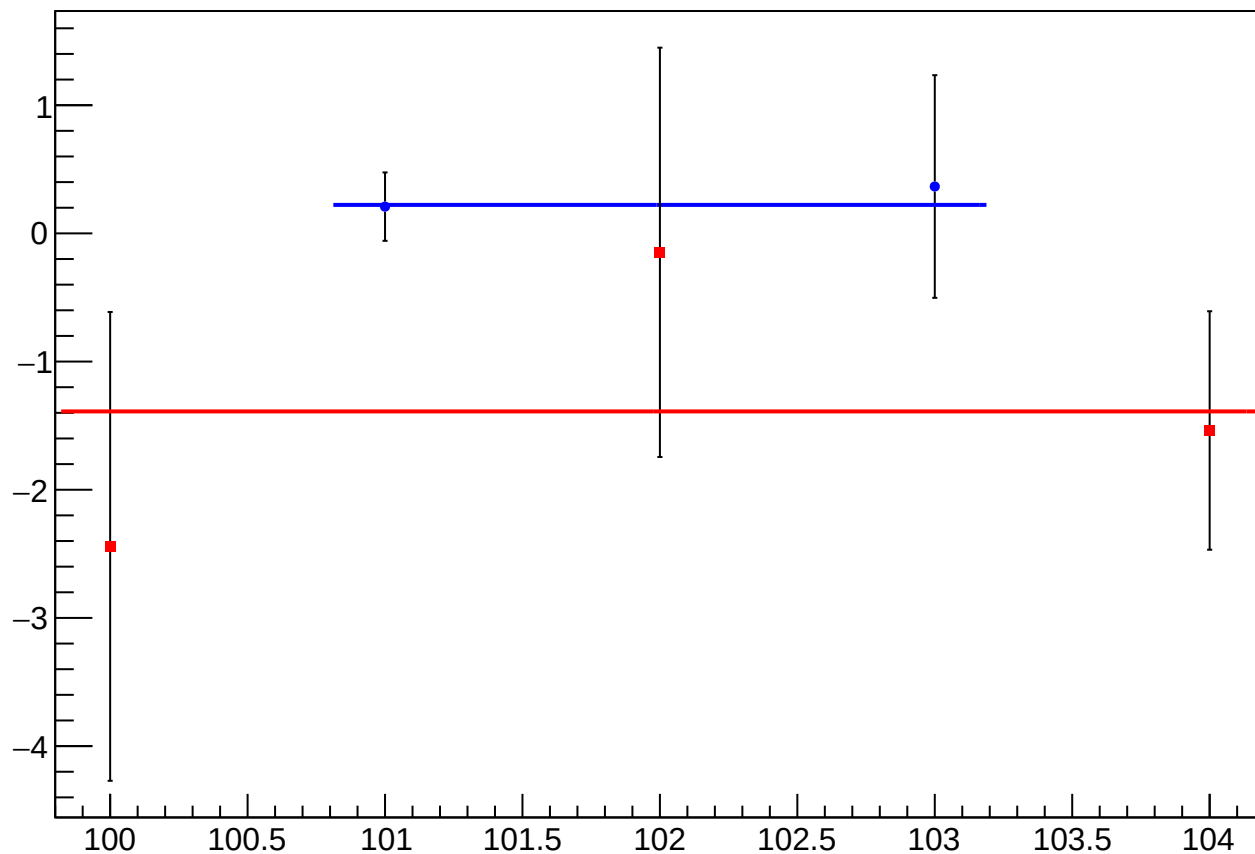
Right: 295.769+/-0.170 χ^2/NDF : 1321626.3/4

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.769+/-0.170 χ^2/NDF : 1321626.3/4

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: -1.389+/-0.736 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

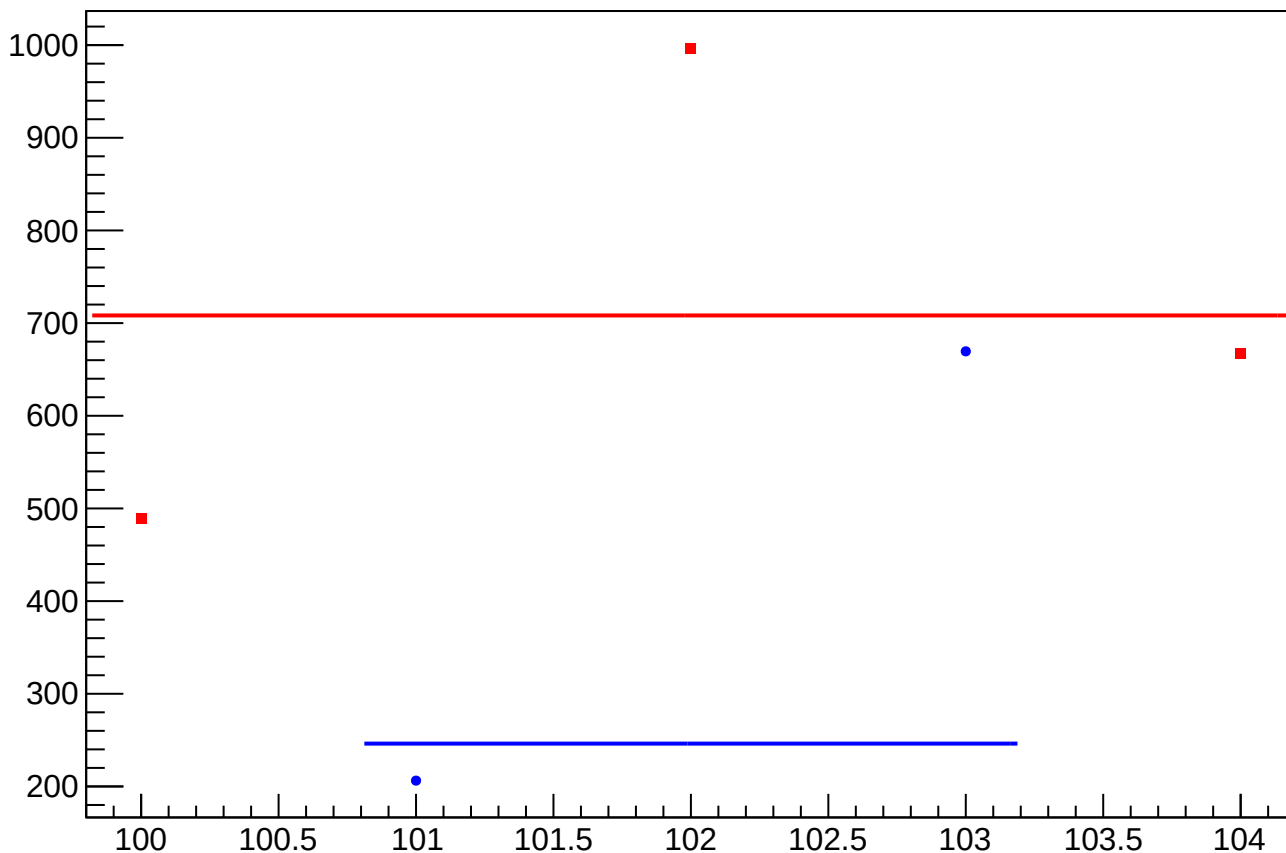
Right: 0.049+/-0.241 χ^2/NDF : 5.3/4

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.241 χ^2/NDF : 5.3/4

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: 708.266+/-0.520 χ^2/NDF : 97643.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

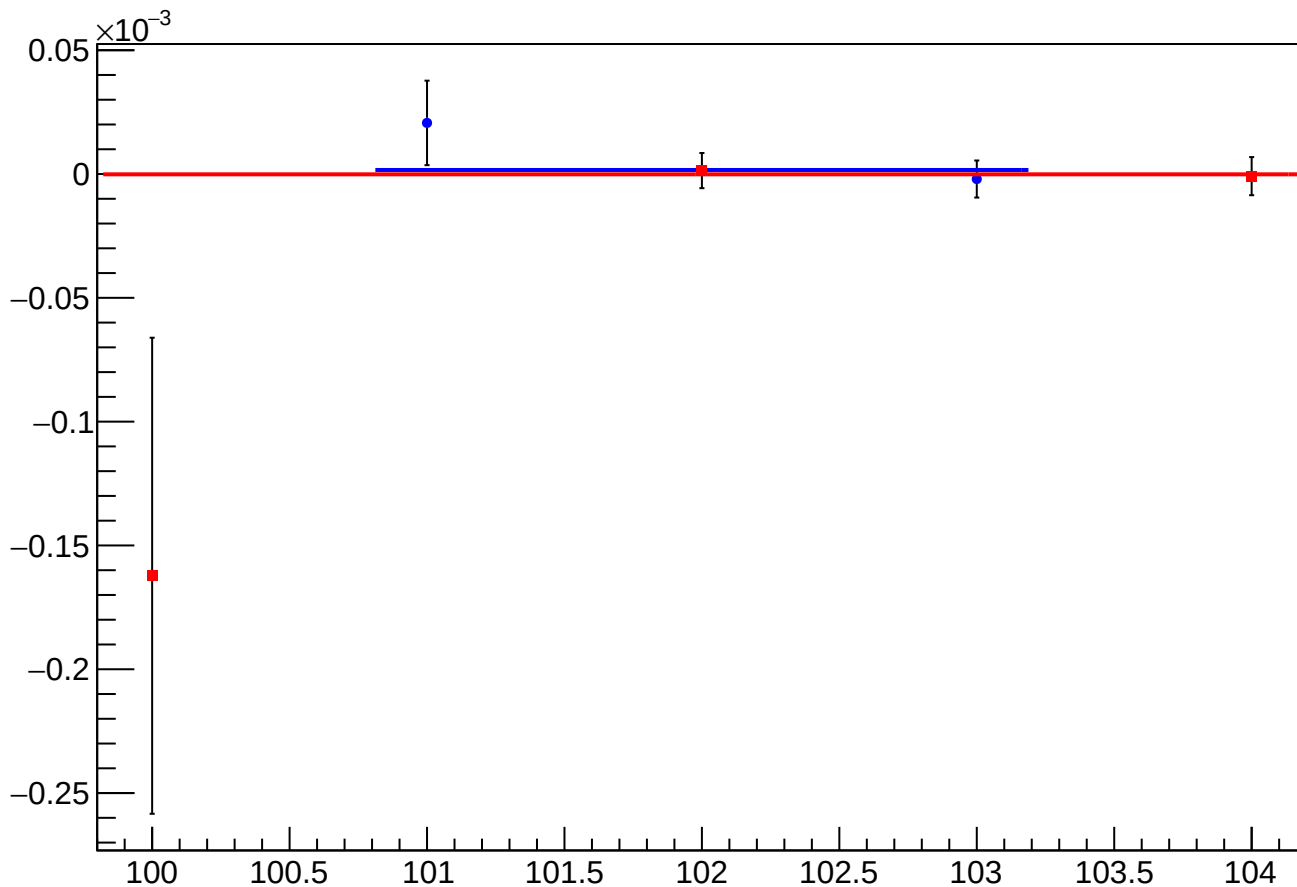
Right: 295.769+/-0.170 χ^2/NDF : 1321626.3/4

In: 246.223+/-0.180 χ^2/NDF : 519958.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.769+/-0.170 χ^2/NDF : 1321626.3/4

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

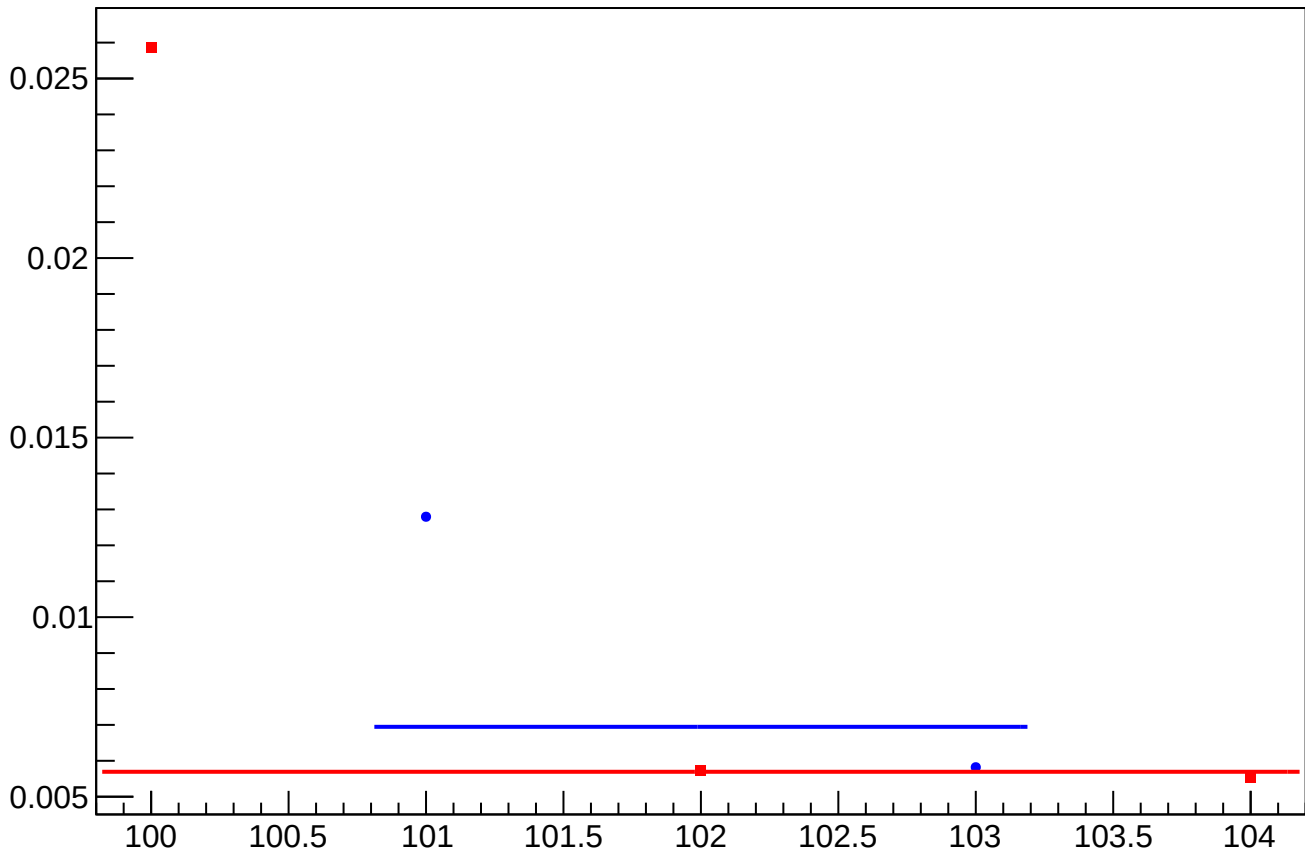
Right: 0.000+/-0.000 χ^2/NDF : 4.4/4

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 : 4.4/4

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 : 89059.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

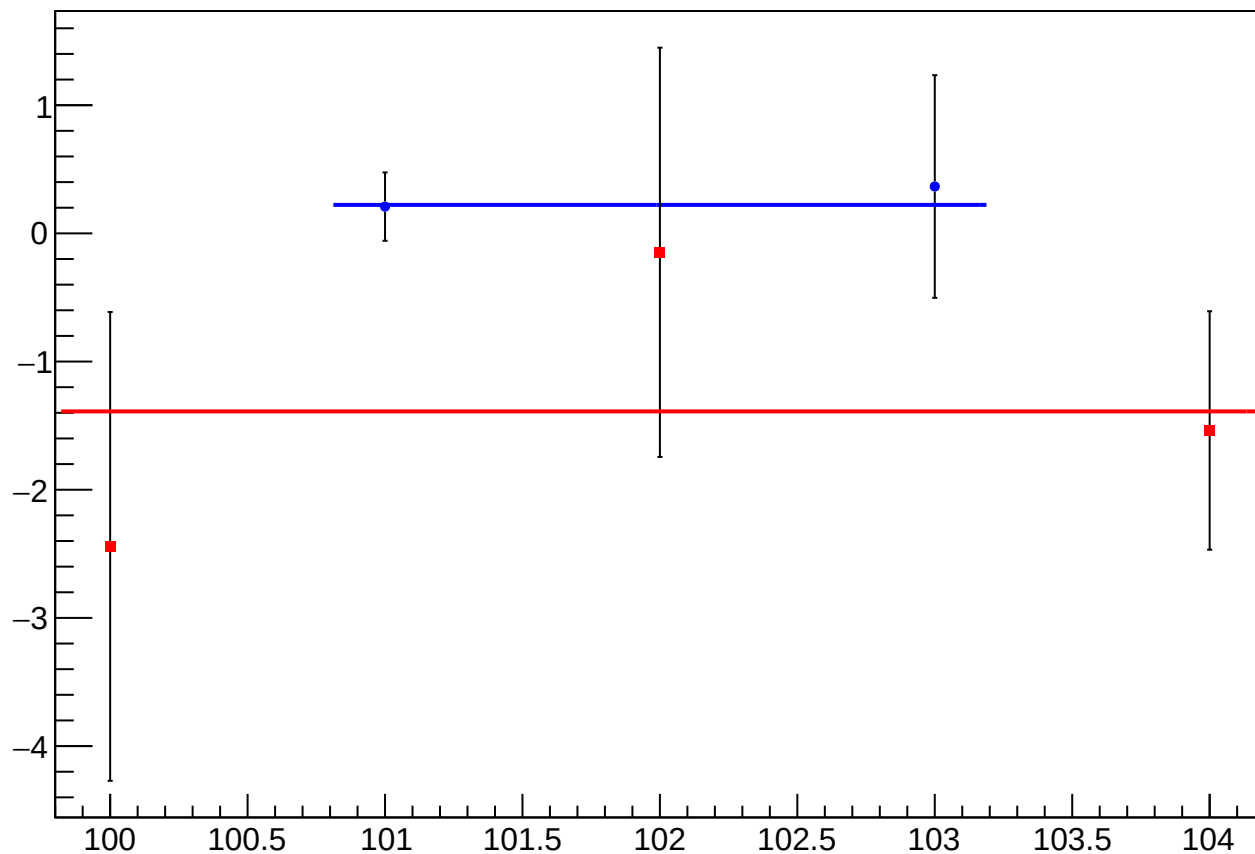
Right: 0.006+/-0.000 χ^2/NDF : 411789.2/4

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 : 411789.2/4

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: -1.389 $\pm$ 0.736 χ^2 /NDF: 1.0/2

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

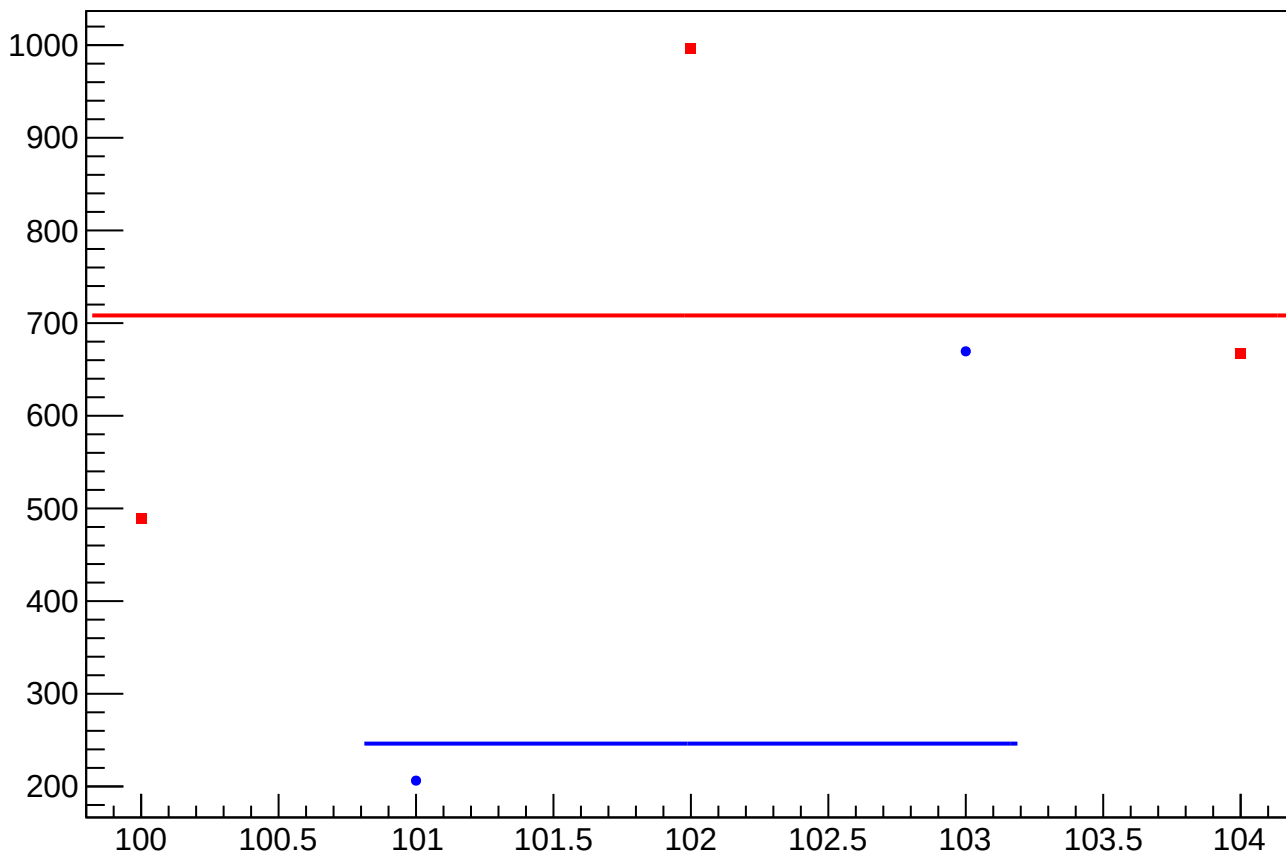
Right: 0.050 $\pm$ 0.241 χ^2 /NDF: 5.3/4

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: 0.050 $\pm$ 0.241 χ^2 /NDF: 5.3/4

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 246.222+/-0.180 χ^2/NDF : 519961.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 708.269+/-0.520 χ^2/NDF : 97641.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

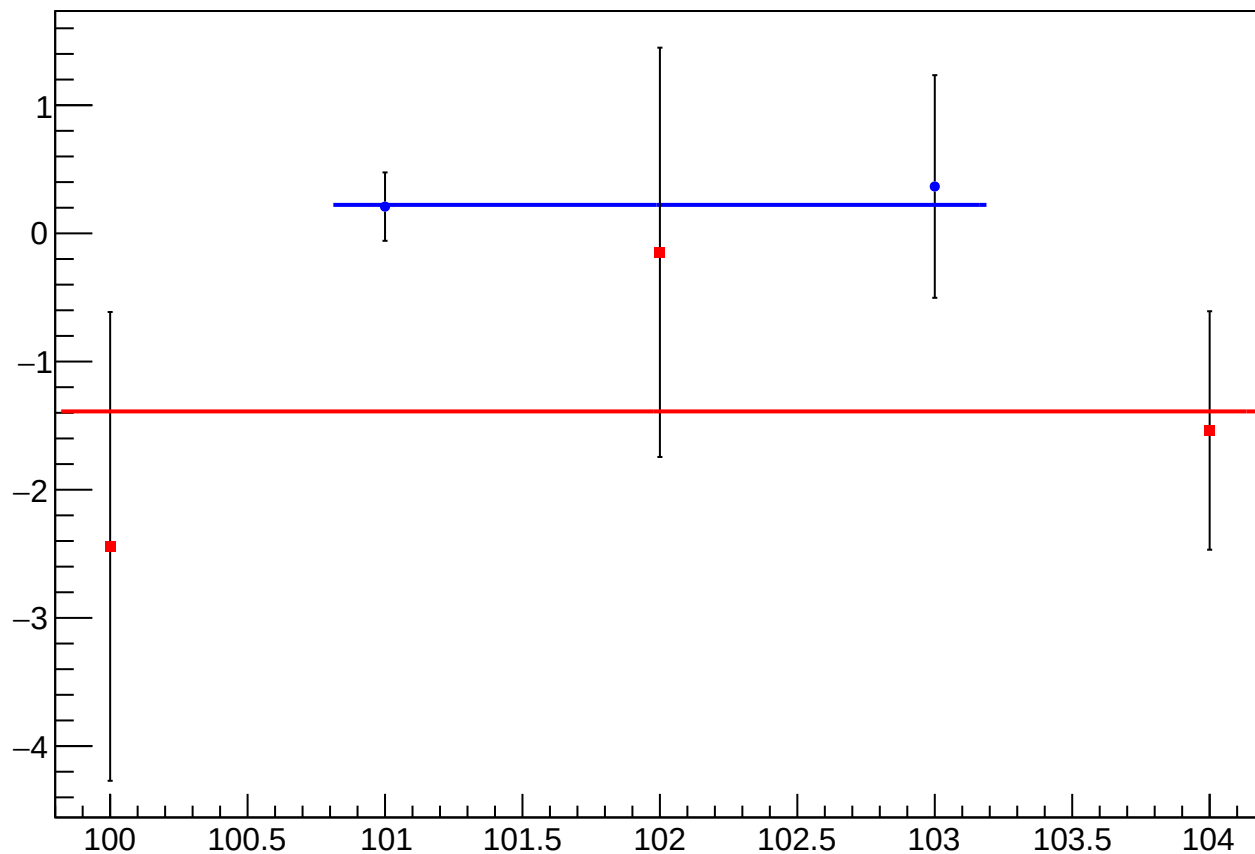
Right: 295.767+/-0.170 χ^2/NDF : 1321638.9/4

In: 246.222+/-0.180 χ^2/NDF : 519961.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.767+/-0.170 χ^2/NDF : 1321638.9/4

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: -1.389+/-0.736 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

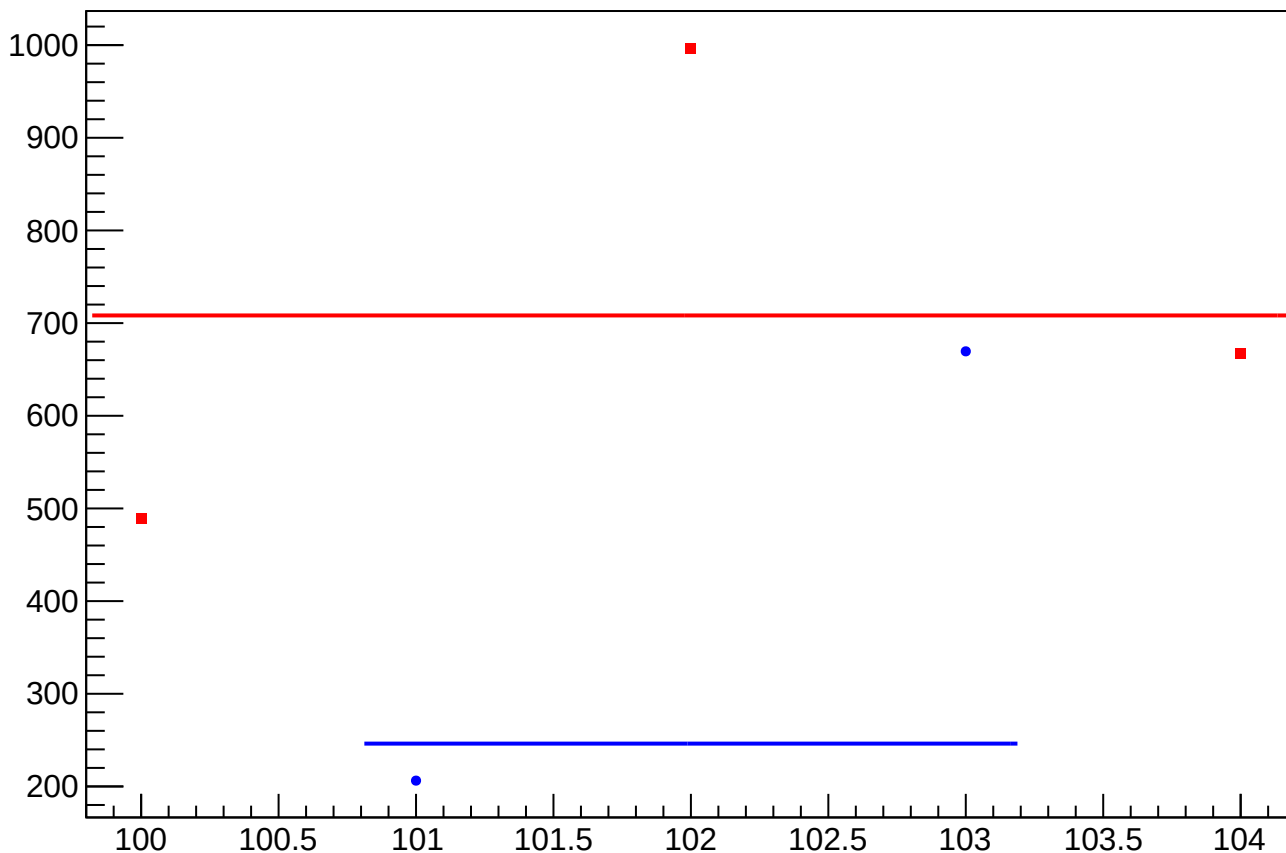
Right: 0.050+/-0.241 χ^2/NDF : 5.3/4

In: 0.222+/-0.255 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.050+/-0.241 χ^2/NDF : 5.3/4

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: 708.269+/-0.520 χ^2/NDF : 97641.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

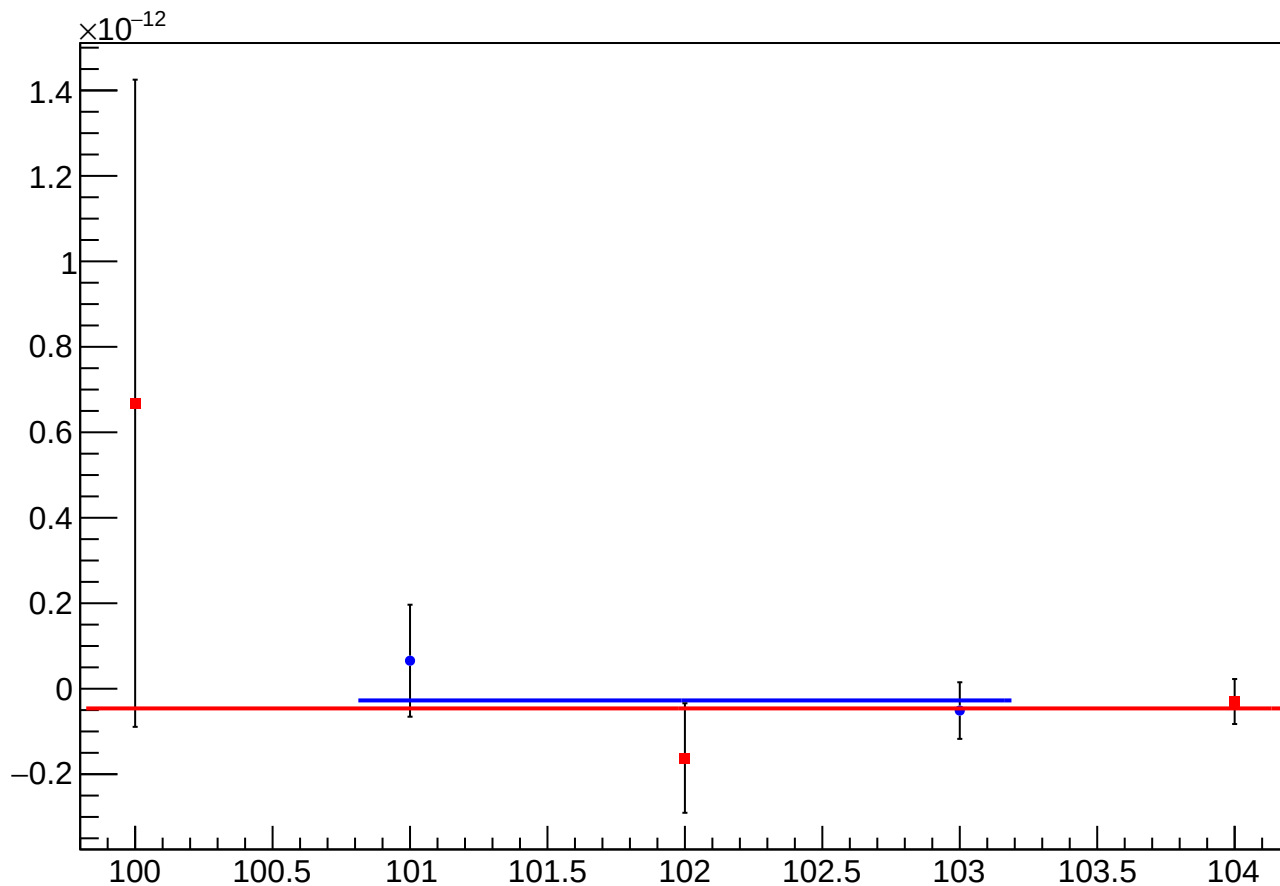
Right: 295.767+/-0.170 χ^2/NDF : 1321638.9/4

In: 246.222+/-0.180 χ^2/NDF : 519961.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.767+/-0.170 χ^2/NDF : 1321638.9/4

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 : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

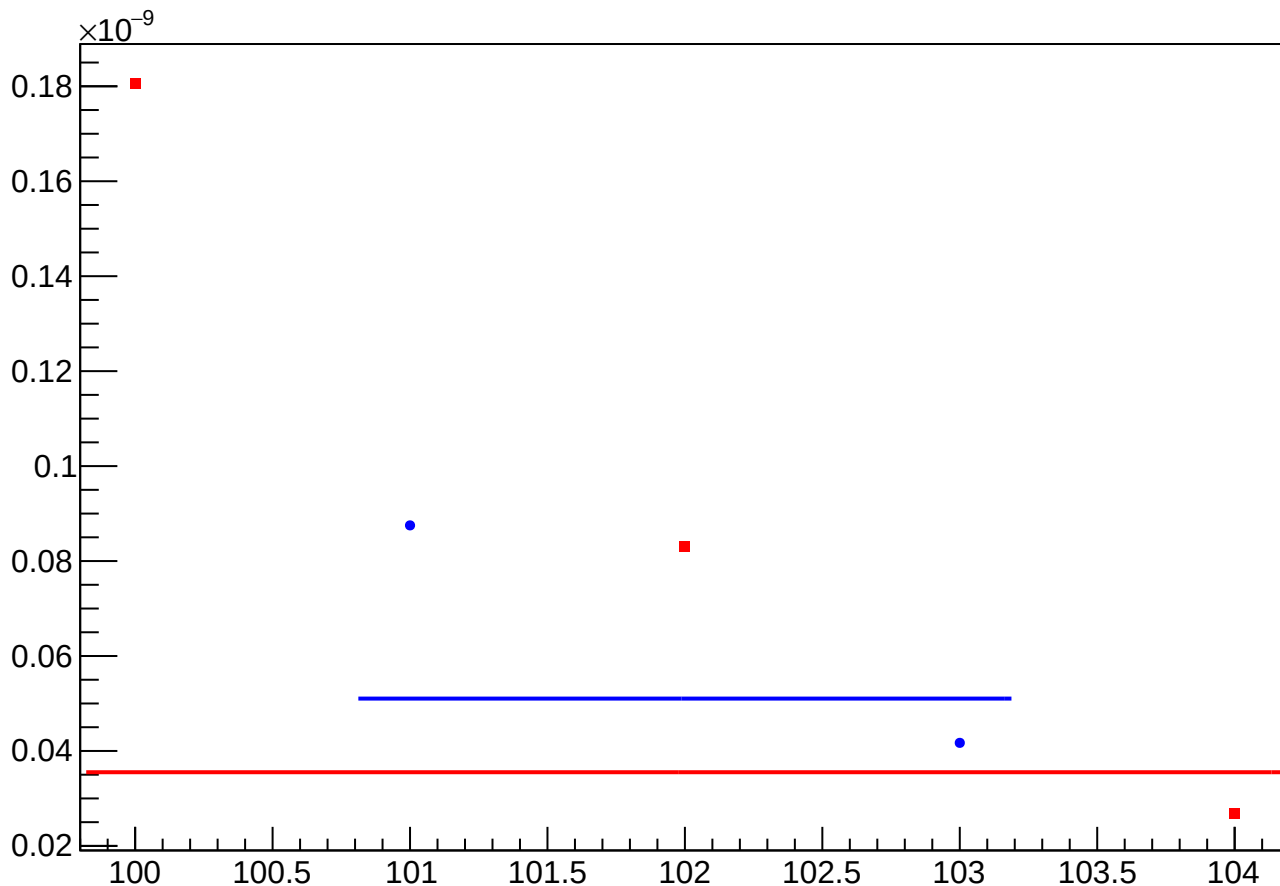
Right: -0.000+/-0.000 χ^2/NDF : 2.5/4

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 : 2.5/4

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 : 403214.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

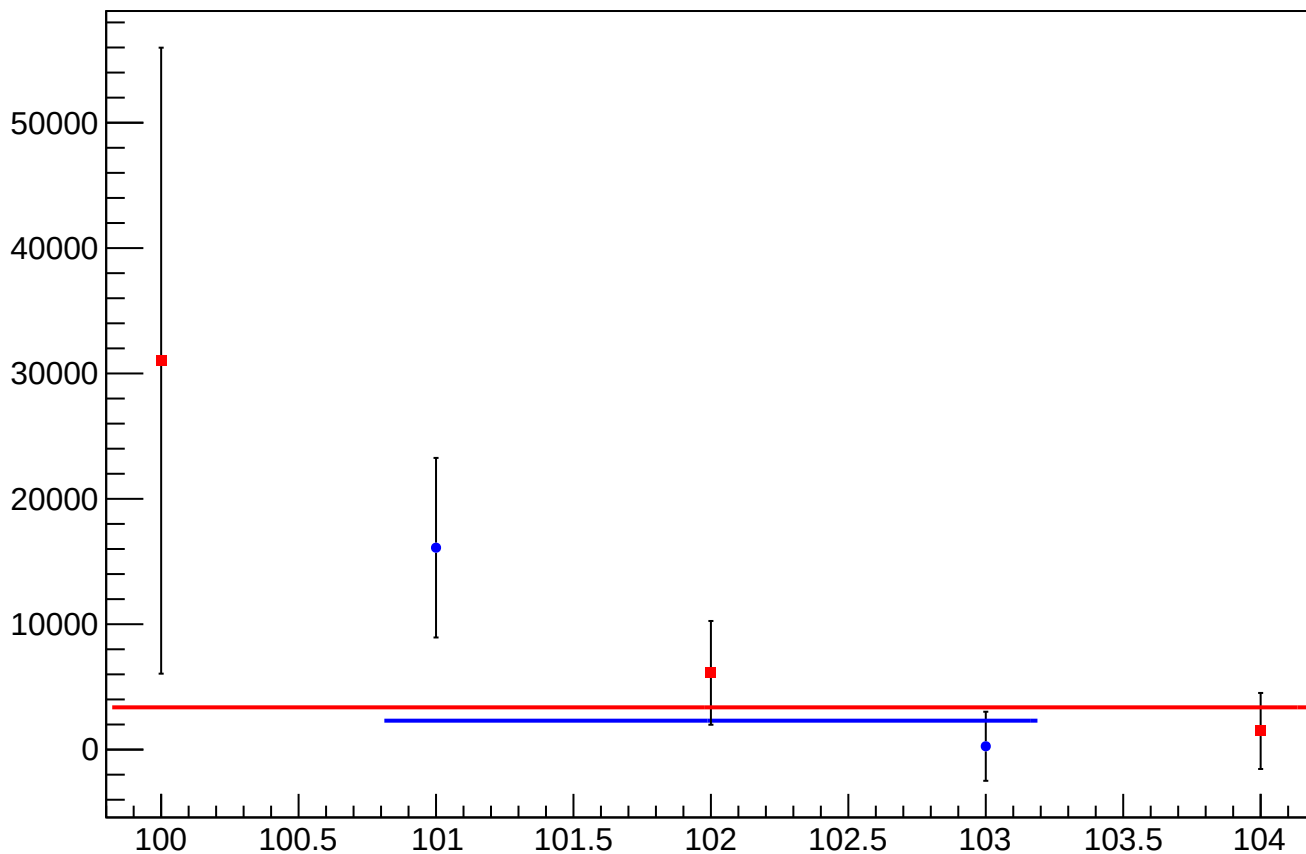
Right: 0.000+/-0.000 χ^2/NDF : 680059.5/4

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 : 680059.5/4

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: 3369.607+/-2434.416 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

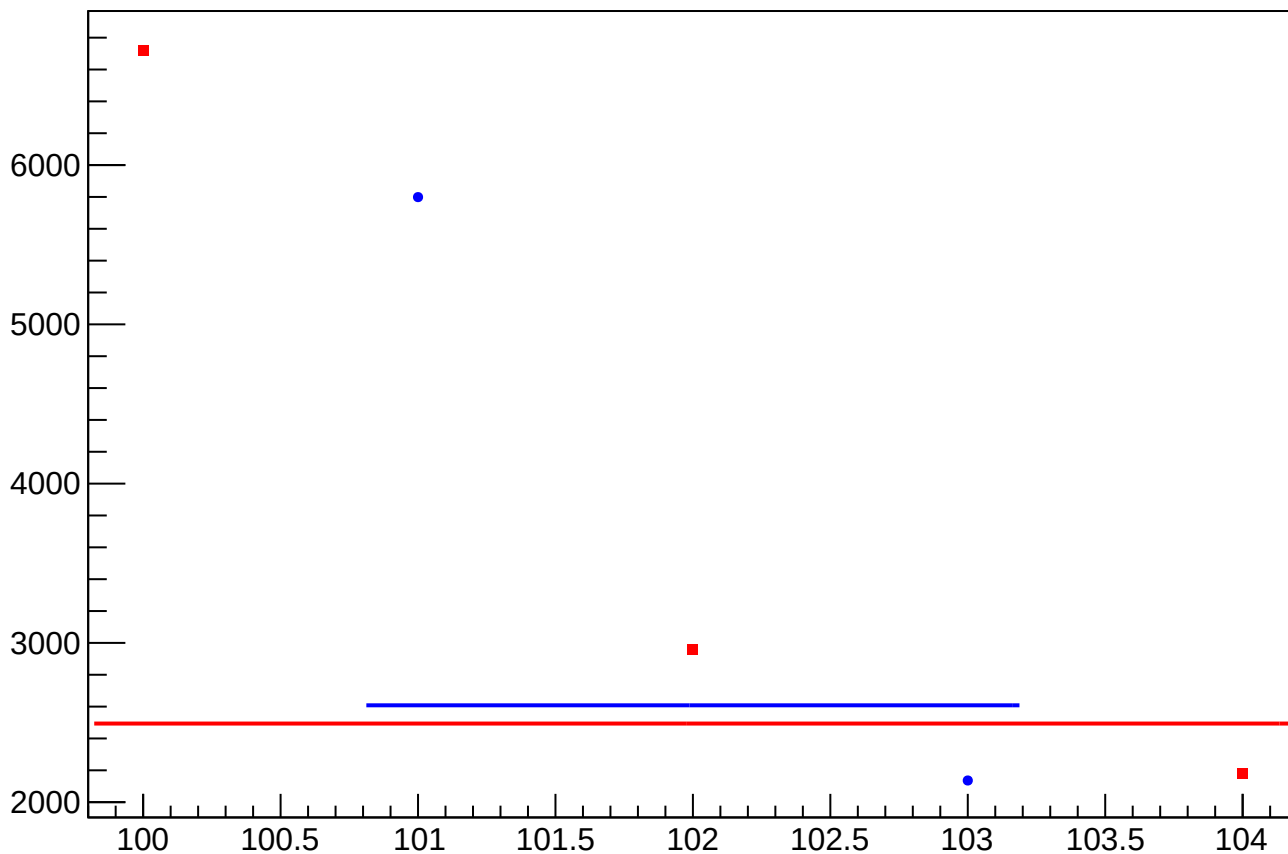
Right: 2866.761+/-1767.611 χ^2/NDF : 6.4/4

In: 2306.035+/-2570.707 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.761+/-1767.611 χ^2/NDF : 6.4/4

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: 2493.608+/-1.721 χ^2/NDF : 103813.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

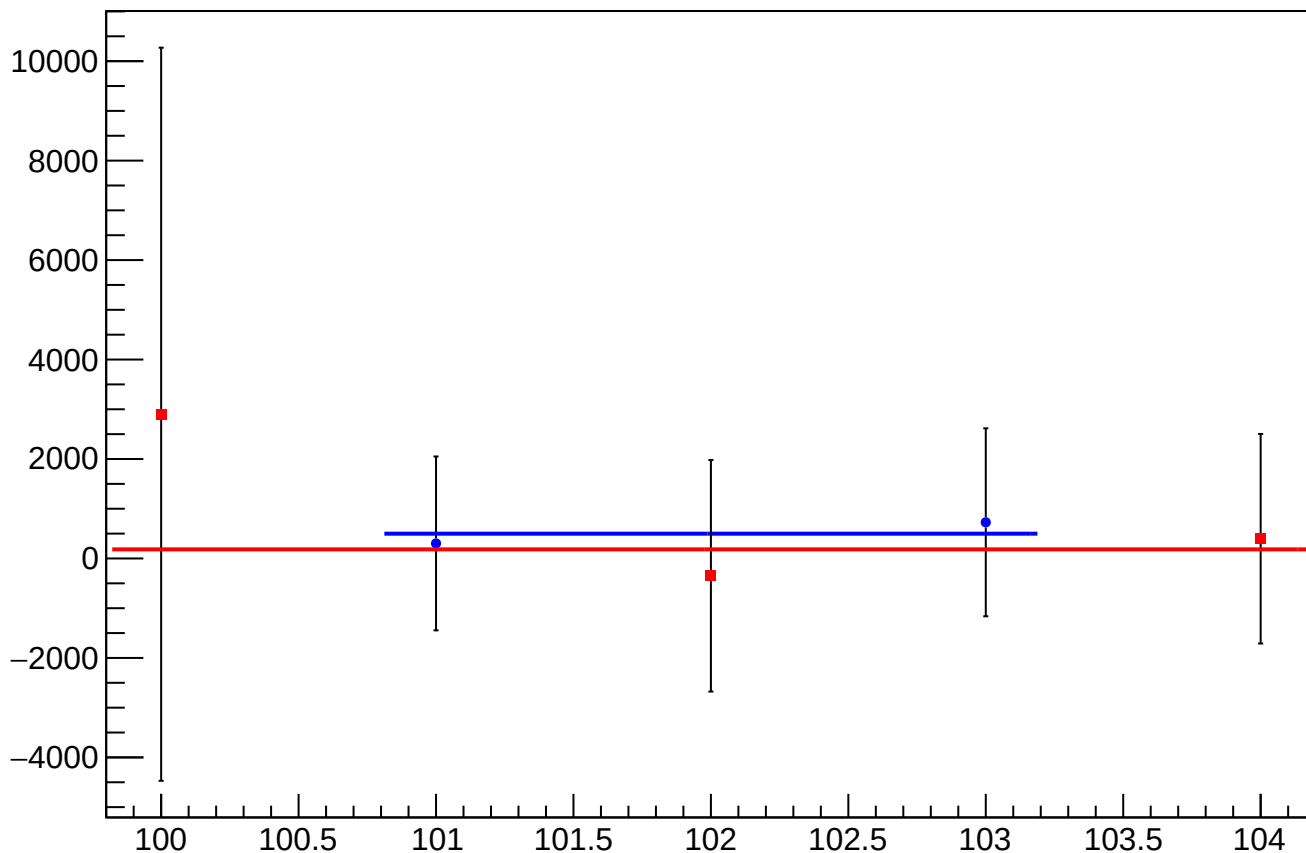
Right: 2547.768+/-1.250 χ^2/NDF : 561721.1/4

In: 2608.165+/-1.818 χ^2/NDF : 455813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.768+/-1.250 χ^2/NDF : 561721.1/4

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: 183.180 $\pm$ 1528.172 χ^2 /NDF: 0.2/2

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

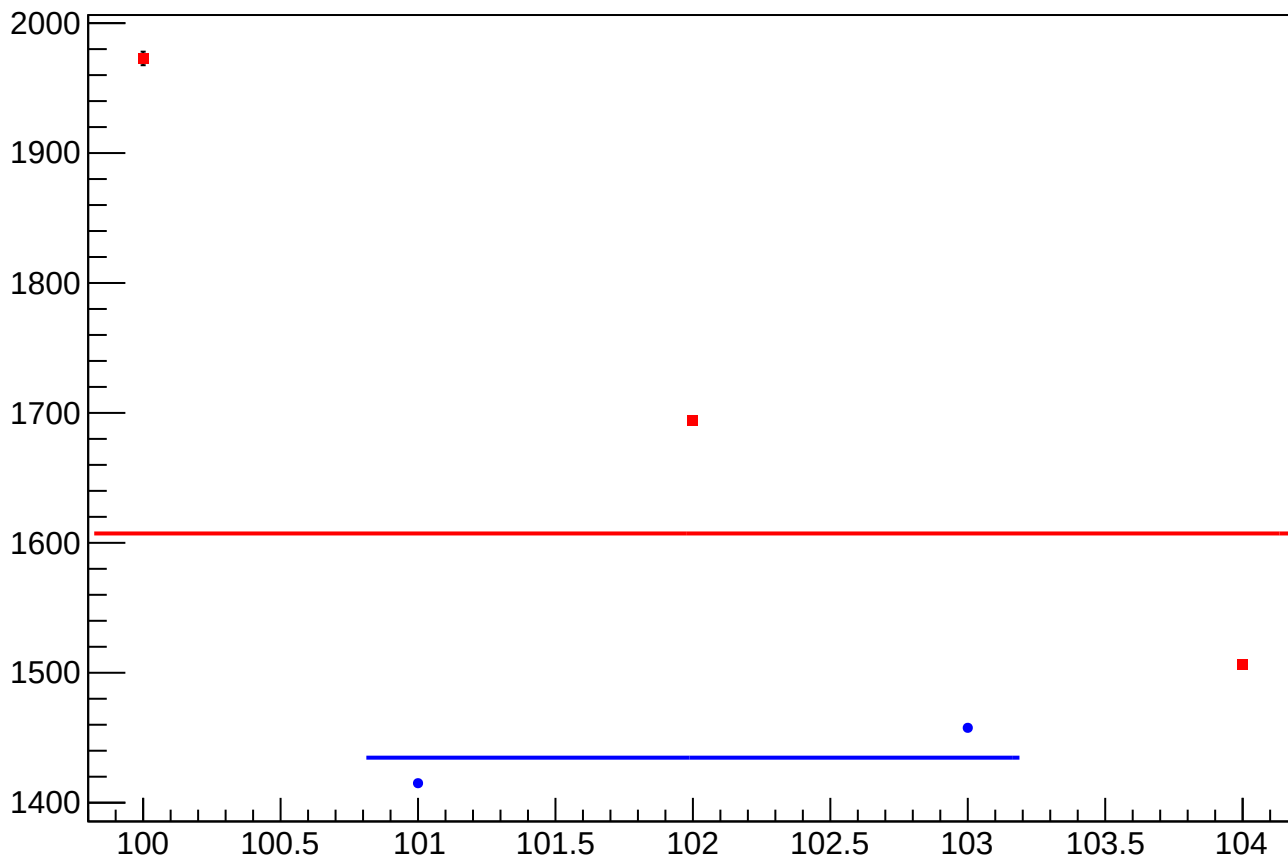
Right: 368.134 $\pm$ 982.751 χ^2 /NDF: 0.3/4

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: 368.134 $\pm$ 982.751 χ^2 /NDF: 0.3/4

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1434.658+/-0.907 χ^2/NDF : 548.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1607.210+/-1.081 χ^2/NDF : 12271.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

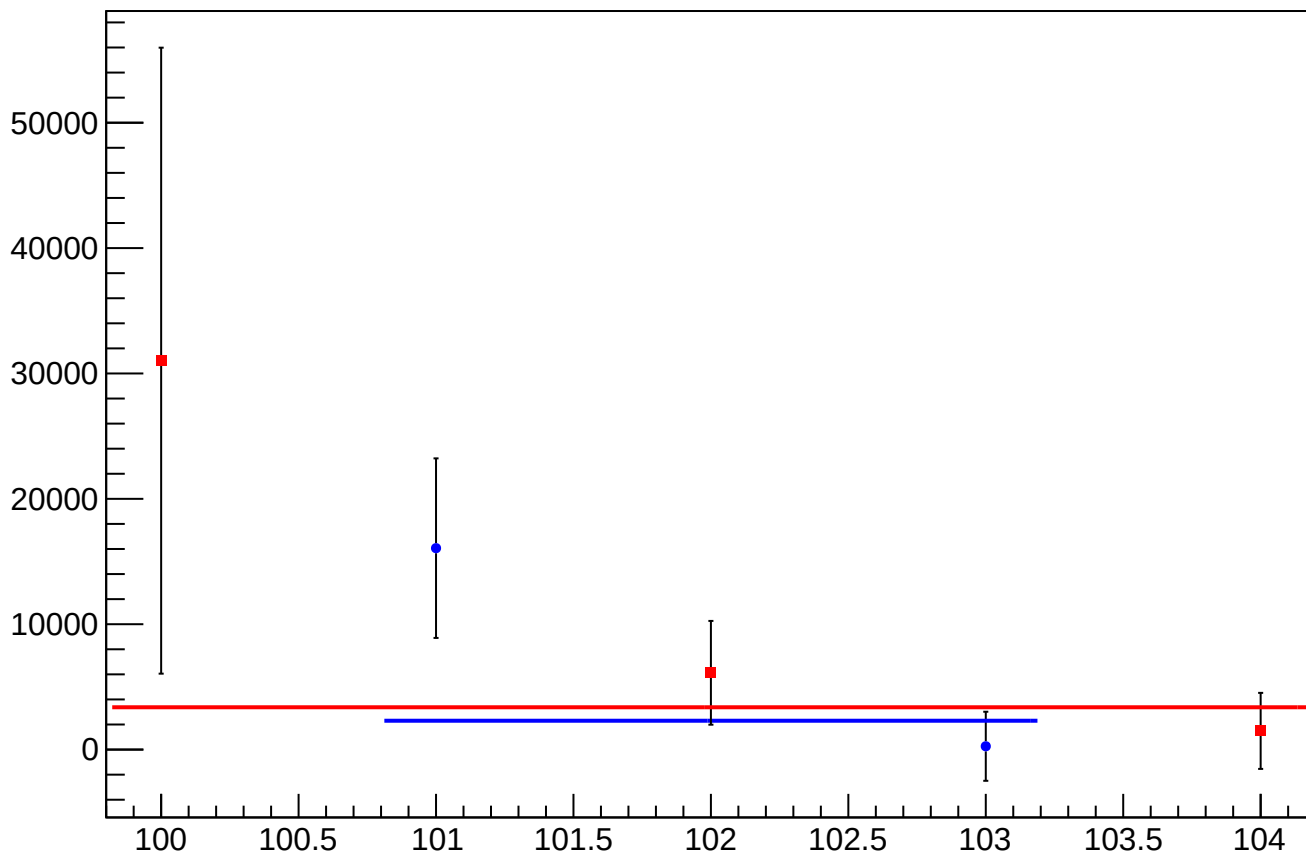
Right: 1506.019+/-0.695 χ^2/NDF : 27773.1/4

In: 1434.658+/-0.907 χ^2/NDF : 548.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1506.019+/-0.695 χ^2/NDF : 27773.1/4

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: 3374.995+/-2434.418 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

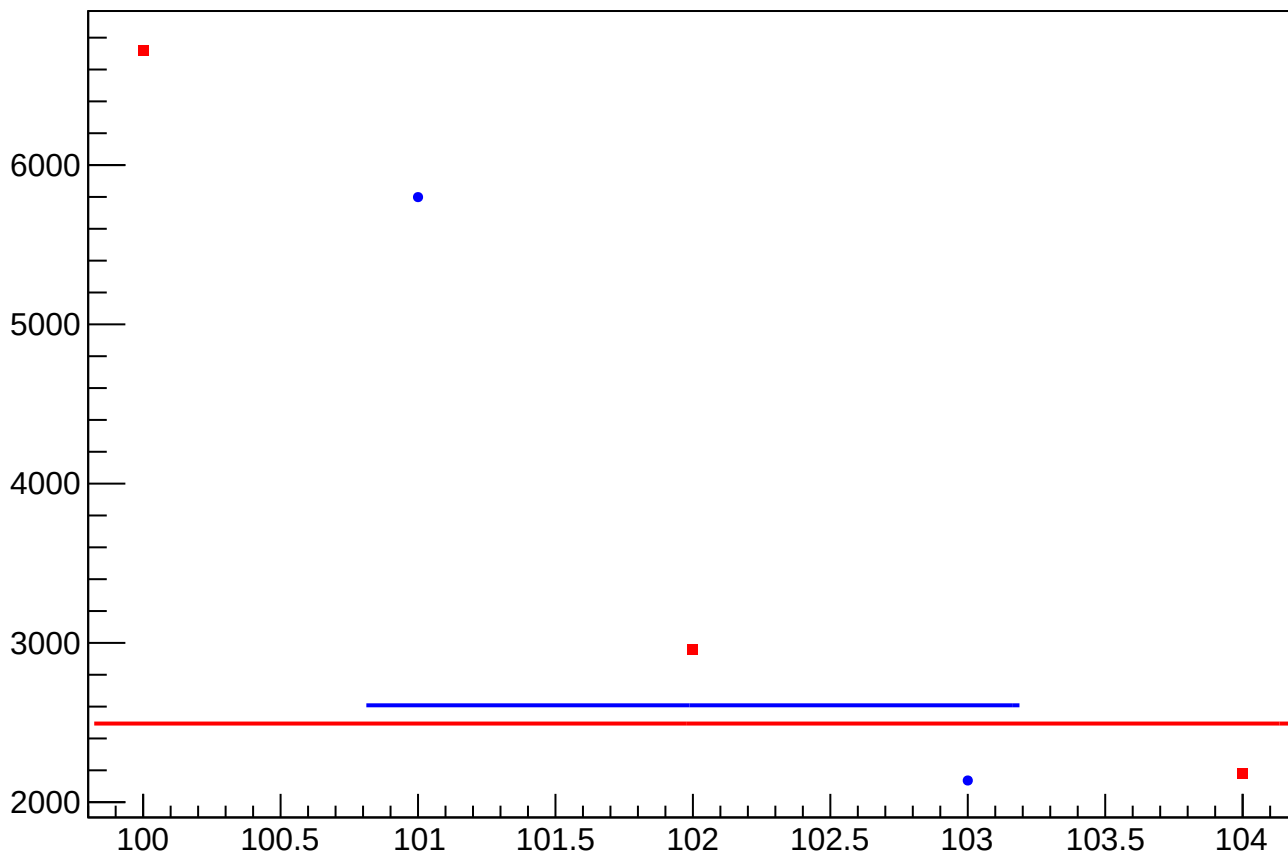
Right: 2867.136+/-1767.613 χ^2/NDF : 6.4/4

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2867.136+/-1767.613 χ^2/NDF : 6.4/4

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: 2493.607+/-1.721 χ^2/NDF : 103812.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

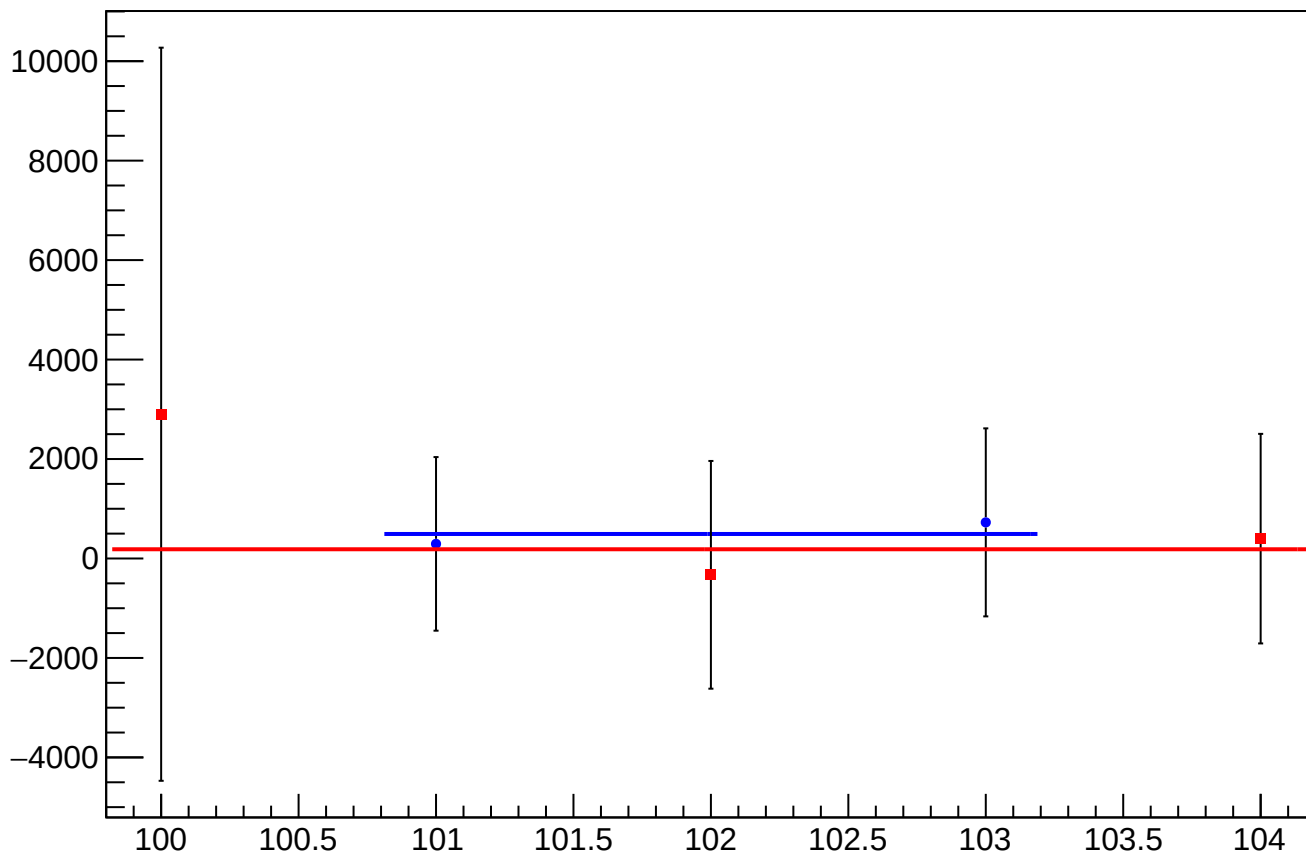
Right: 2547.767+/-1.250 χ^2/NDF : 561720.6/4

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.767+/-1.250 χ^2/NDF : 561720.6/4

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: 185.498+/-1517.205 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

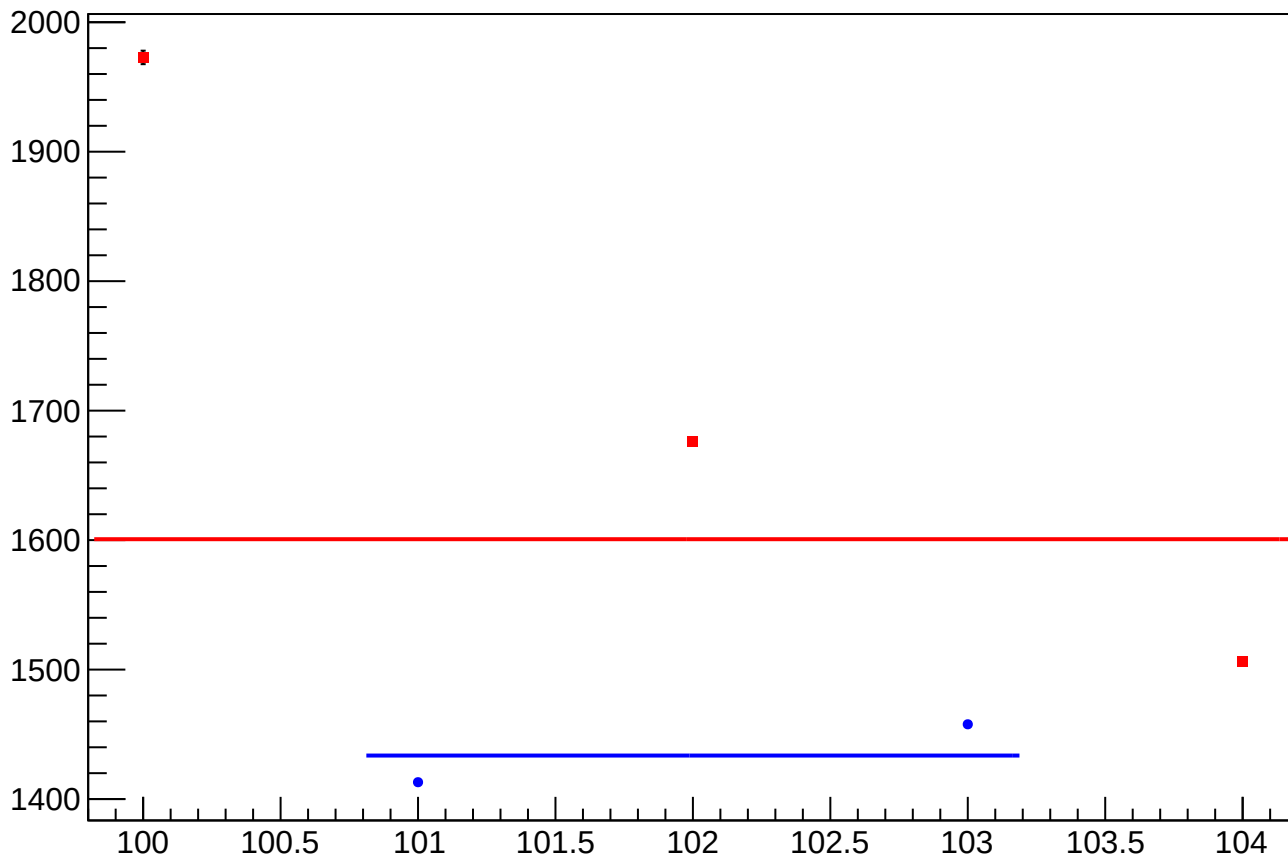
Right: 364.765+/-979.388 χ^2/NDF : 0.2/4

In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.765+/-979.388 χ^2/NDF : 0.2/4

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: 1600.710+/-1.073 χ^2/NDF : 11285.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

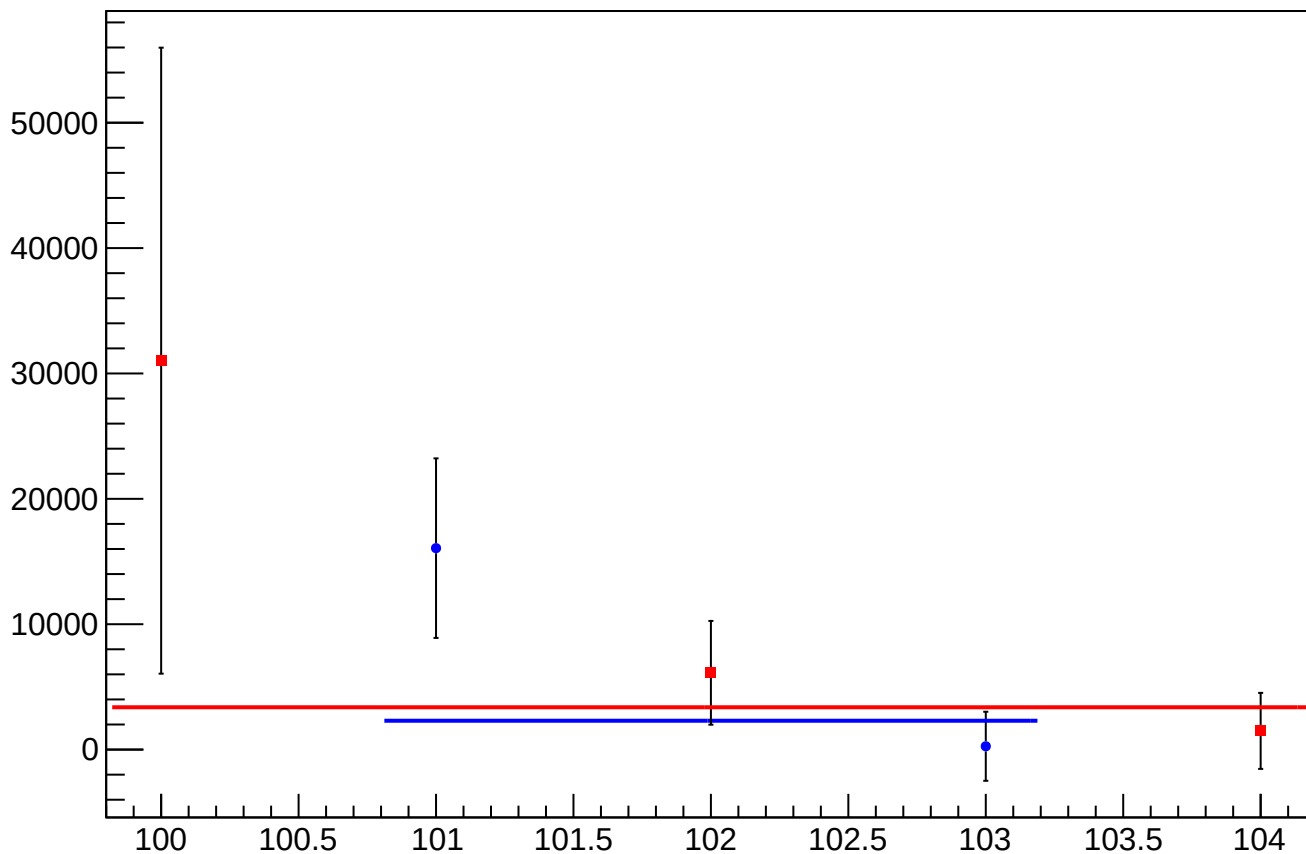
Right: 1503.241+/-0.693 χ^2/NDF : 26040.9/4

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.241+/-0.693 χ^2/NDF : 26040.9/4

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: 3374.995+/-2434.418 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

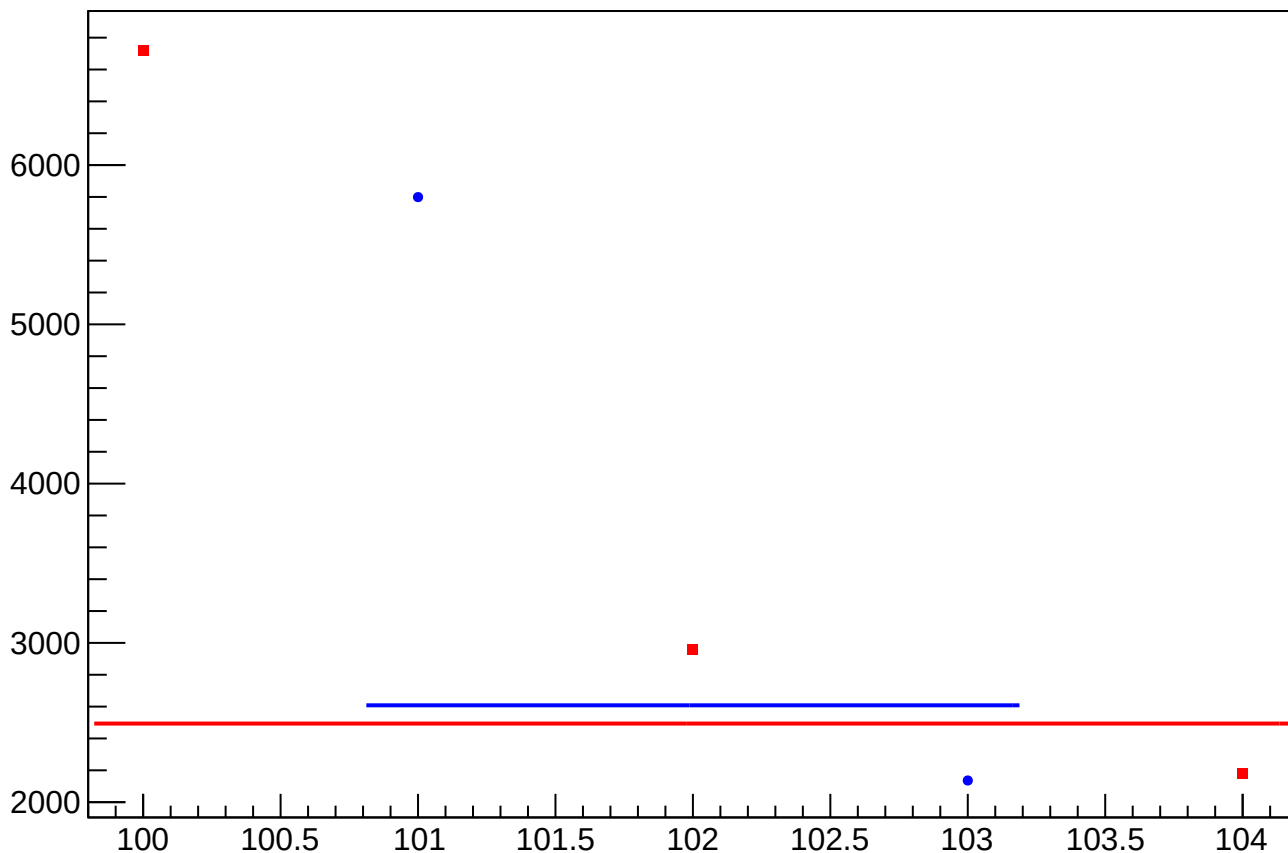
Right: 2867.136+/-1767.613 χ^2/NDF : 6.4/4

In: 2300.820+/-2570.710 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2867.136+/-1767.613 χ^2/NDF : 6.4/4

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: 2493.607+/-1.721 χ^2/NDF : 103812.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

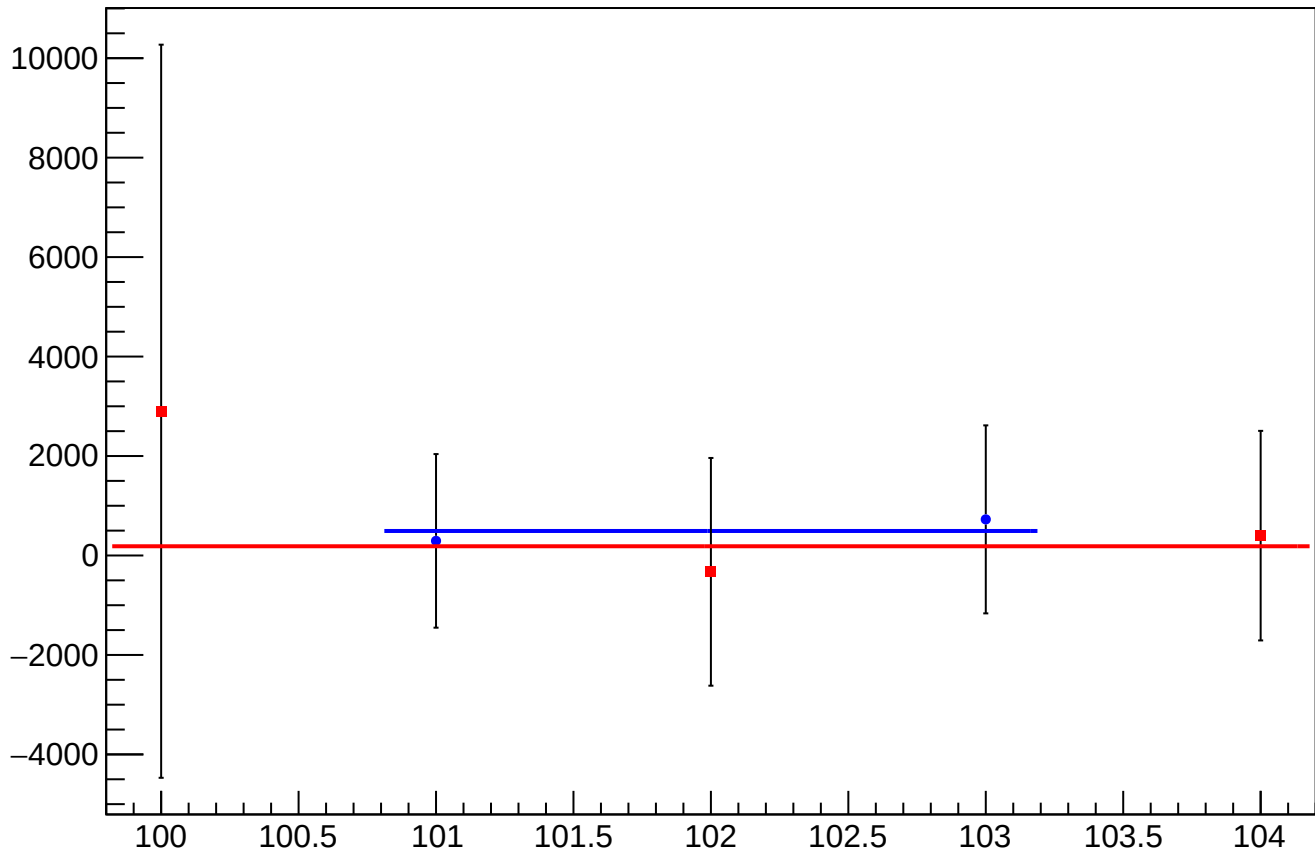
Right: 2547.767+/-1.250 χ^2/NDF : 561720.6/4

In: 2608.165+/-1.818 χ^2/NDF : 455814.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2547.767+/-1.250 χ^2/NDF : 561720.6/4

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.498+/-1517.205 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

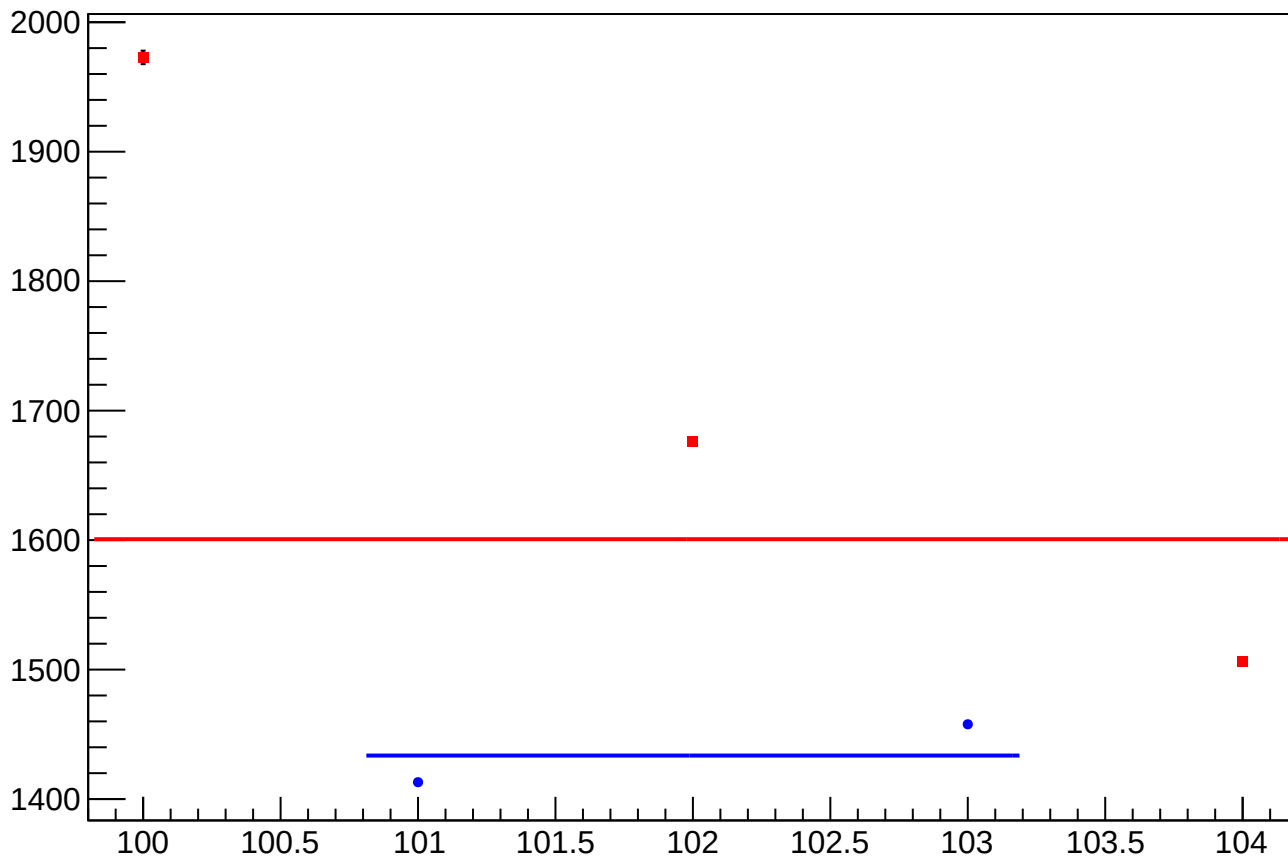
Right: 364.765+/-979.388 χ^2/NDF : 0.2/4

In: 492.829+/-1282.354 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 364.765+/-979.388 χ^2/NDF : 0.2/4

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: 1600.710+/-1.073 χ^2/NDF : 11285.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

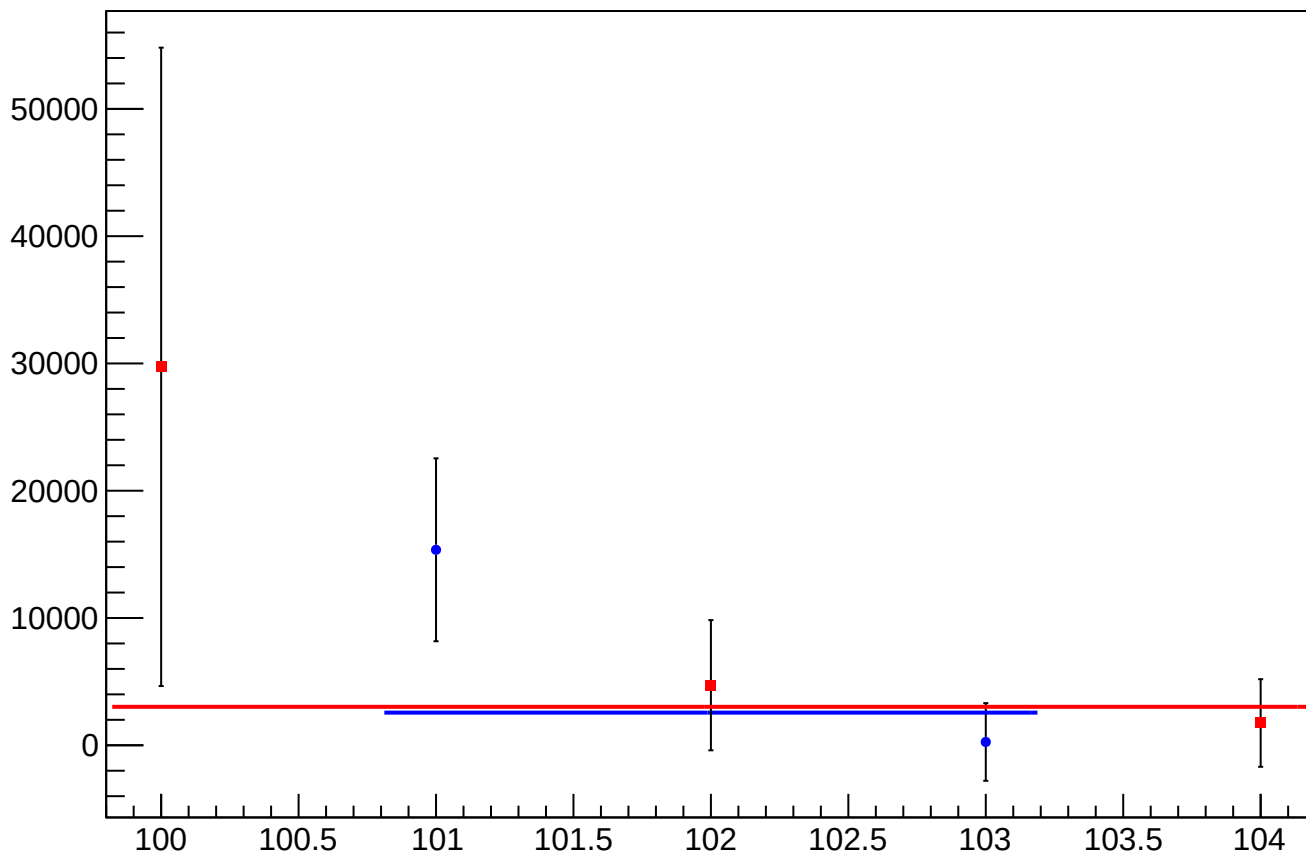
Right: 1503.241+/-0.693 χ^2/NDF : 26040.9/4

In: 1433.611+/-0.907 χ^2/NDF : 604.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.241+/-0.693 χ^2/NDF : 26040.9/4

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: 3022.141+/-2837.601 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

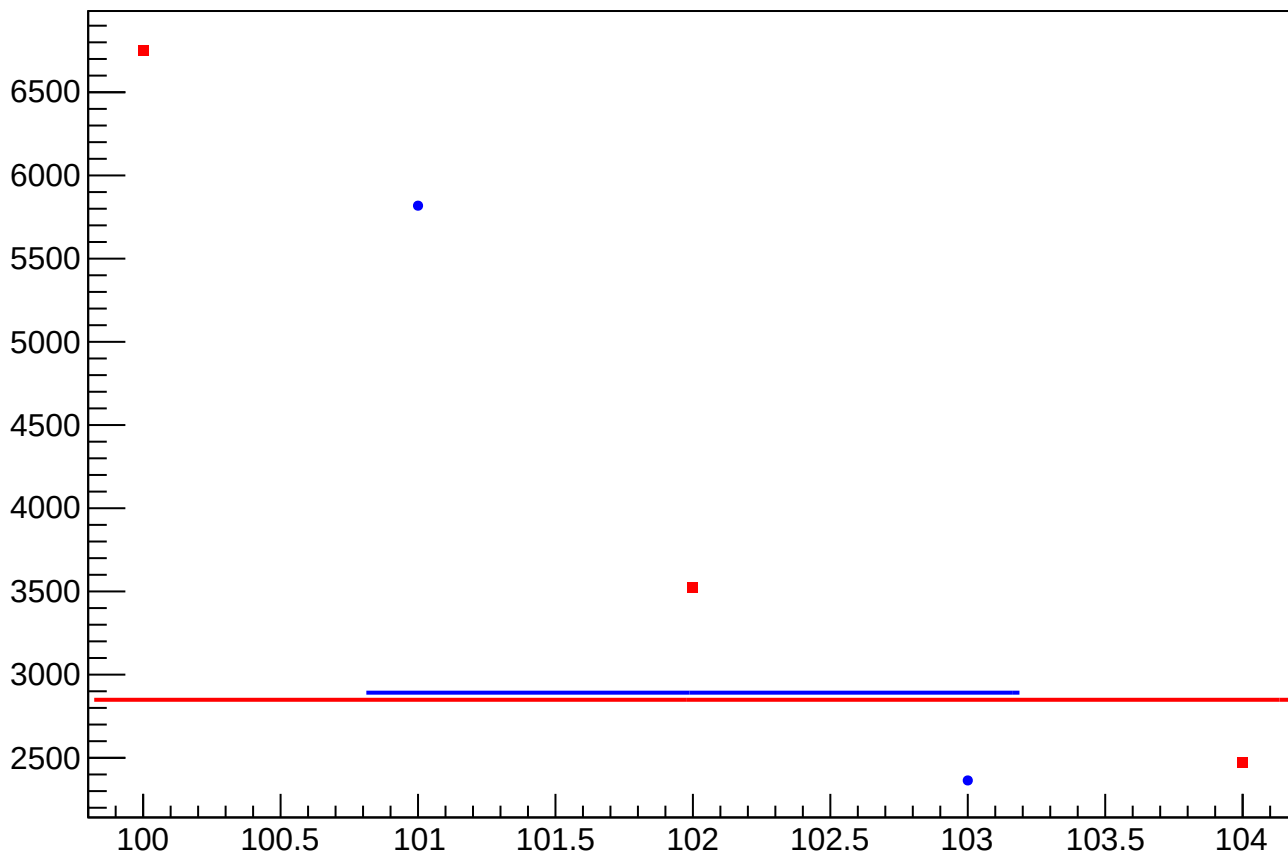
Right: 2791.132+/-1995.887 χ^2/NDF : 5.1/4

In: 2564.941+/-2807.855 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.132+/-1995.887 χ^2/NDF : 5.1/4

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: 2848.851+/-2.006 χ^2/NDF : 107020.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

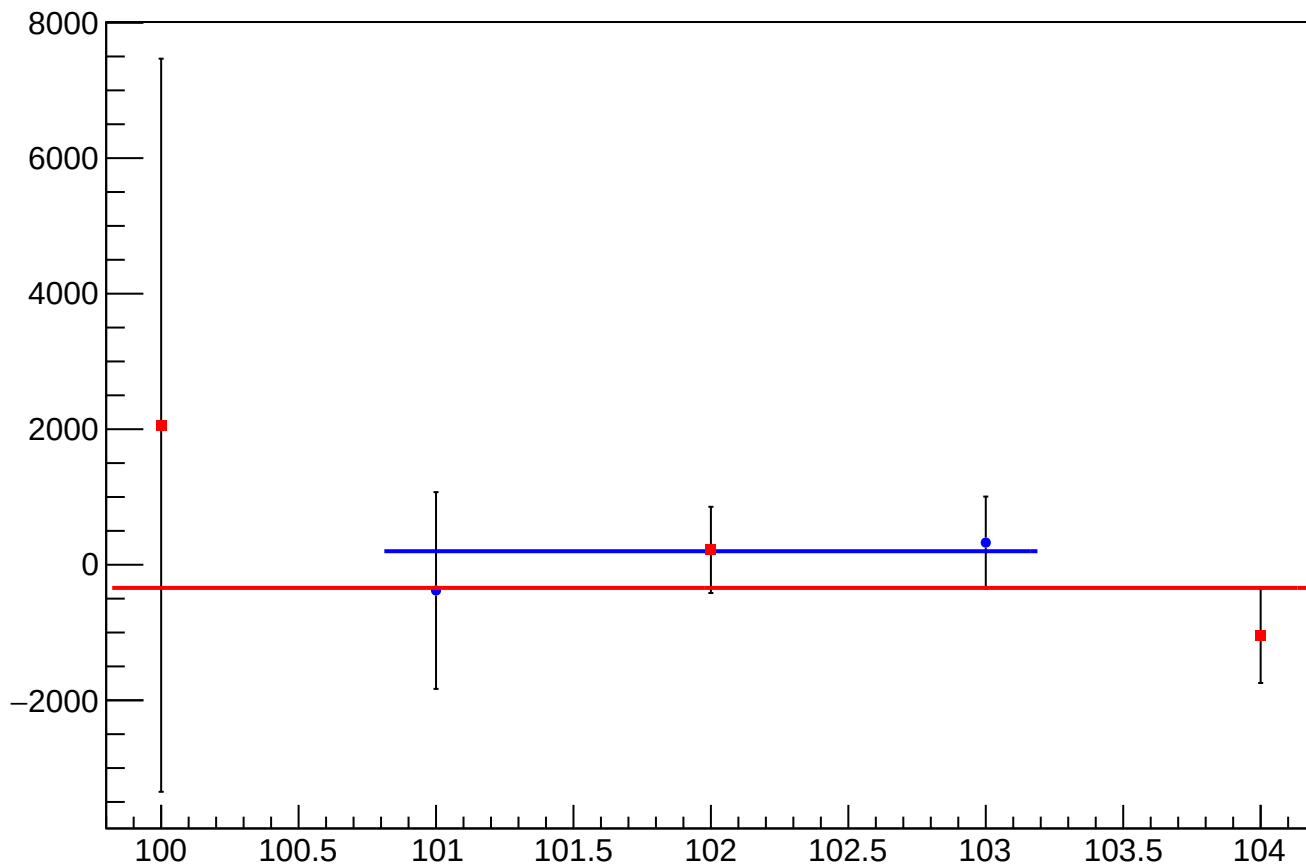
Right: 2870.447+/-1.411 χ^2/NDF : 498858.3/4

In: 2891.593+/-1.985 χ^2/NDF : 391608.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.447+/-1.411 χ^2/NDF : 498858.3/4

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: -341.536+/-467.466 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

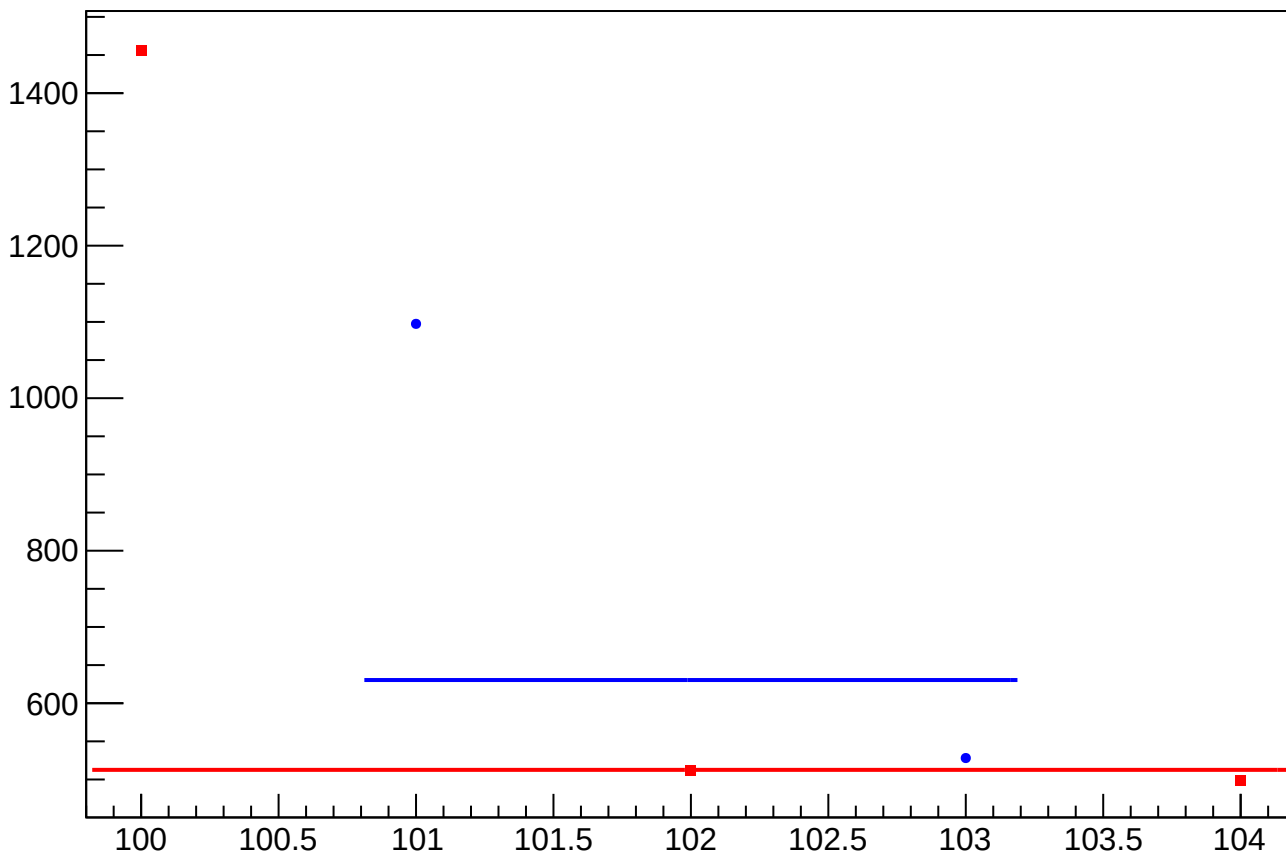
Right: -143.479+/-372.239 χ^2/NDF : 2.7/4

In: 199.723+/-615.359 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.479+/-372.239 χ^2/NDF : 2.7/4

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 630.418 $\pm$ 0.435 χ^2 /NDF: 252344.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 512.624 $\pm$ 0.331 χ^2 /NDF: 61619.2/2

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

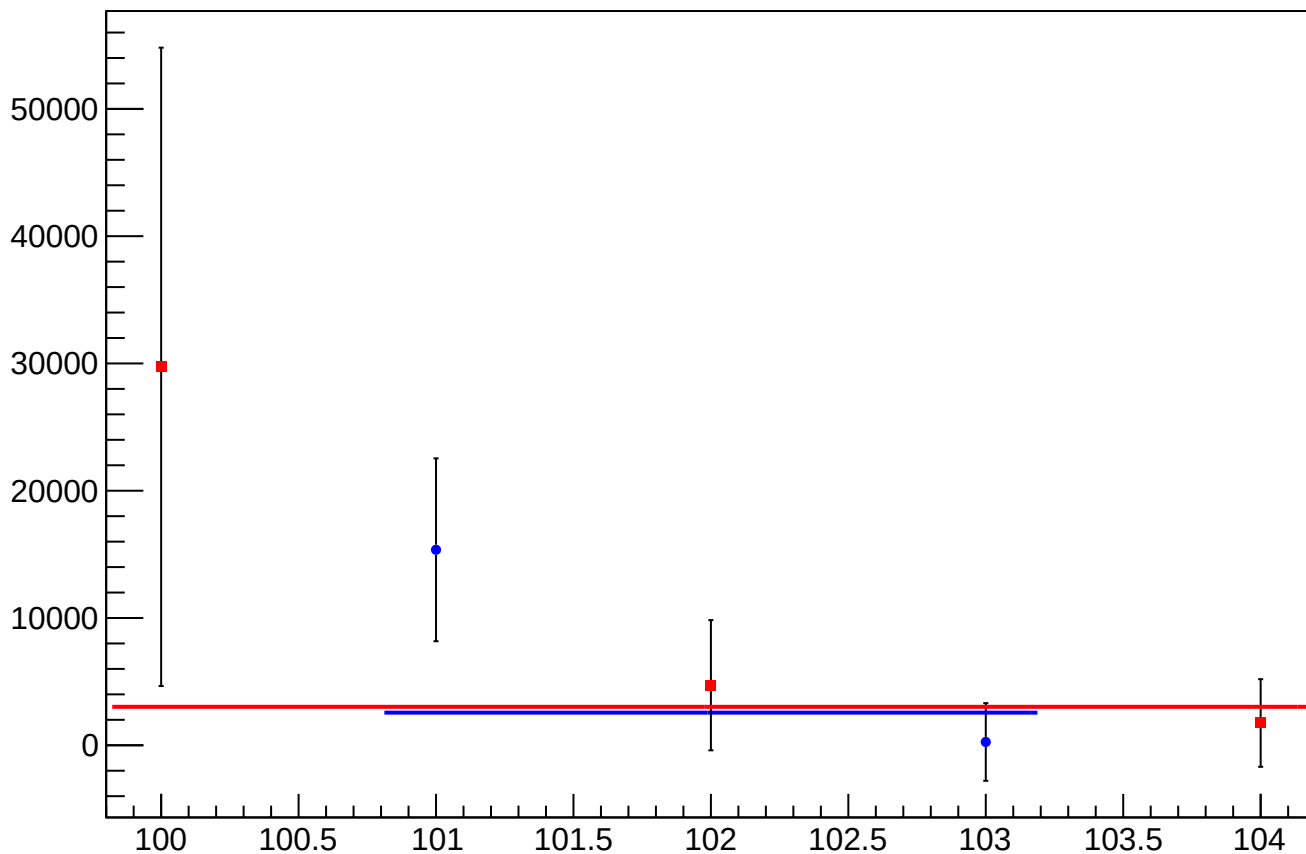
Right: 555.727 $\pm$ 0.263 χ^2 /NDF: 360432.4/4

In: 630.418 $\pm$ 0.435 χ^2 /NDF:252344.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 555.727 $\pm$ 0.263 χ^2 /NDF: 360432.4/4

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: 3022.121+/-2837.597 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

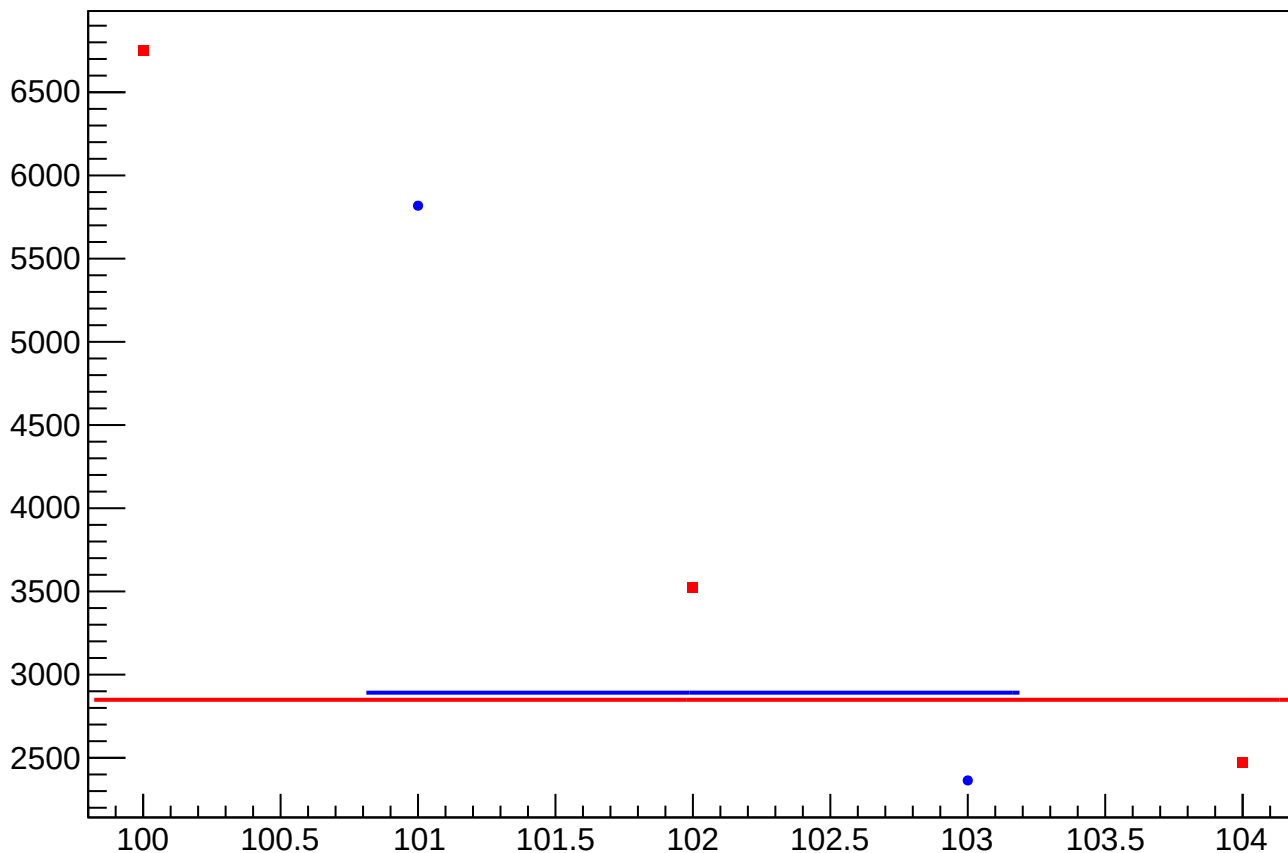
Right: 2791.112+/-1995.884 χ^2/NDF : 5.1/4

In: 2564.922+/-2807.850 χ^2/NDF : 3.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.112+/-1995.884 χ^2/NDF : 5.1/4

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: 2848.846+/-2.006 χ^2/NDF : 107020.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

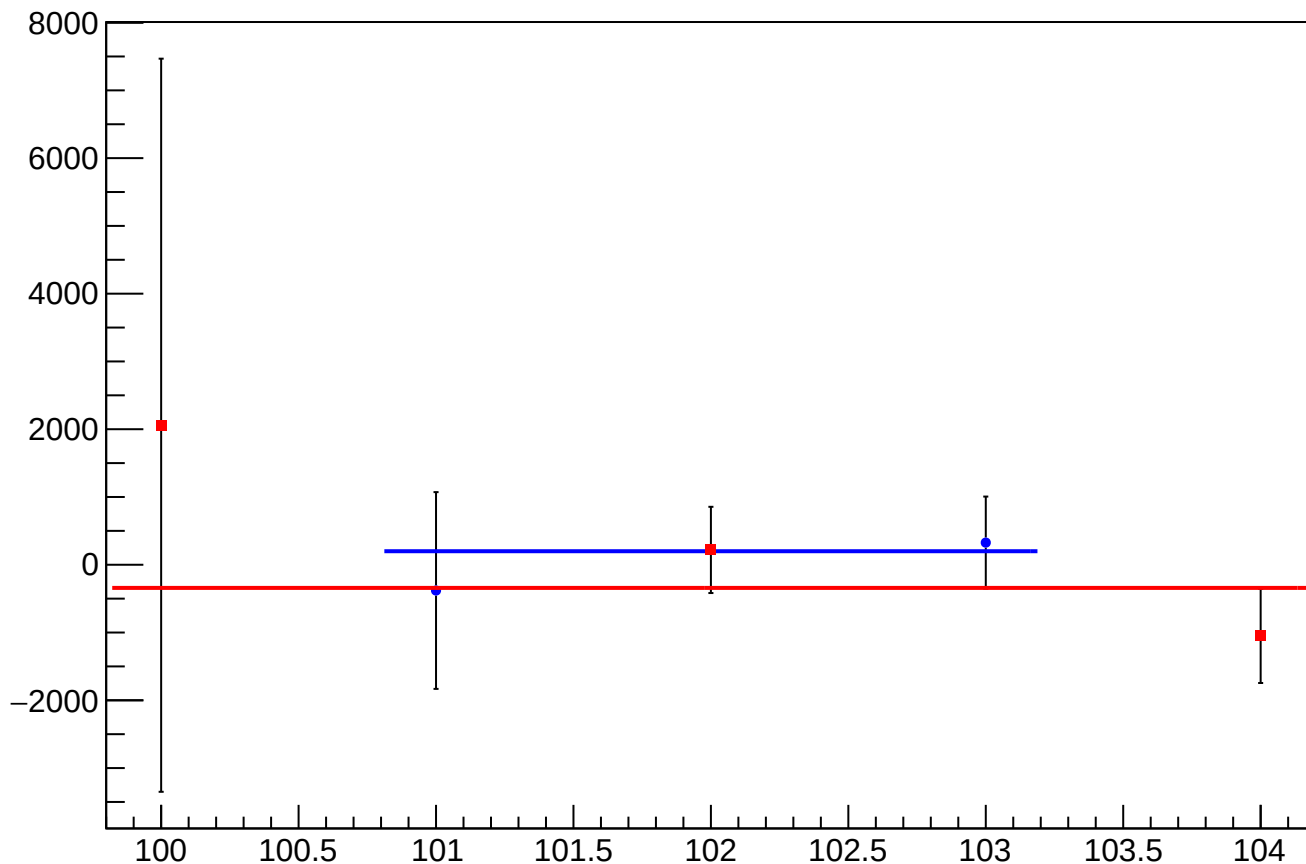
Right: 2870.441+/-1.411 χ^2/NDF : 498859.8/4

In: 2891.587+/-1.985 χ^2/NDF : 391610.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.441+/-1.411 χ^2/NDF : 498859.8/4

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 199.715 $\pm$ 615.365 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -341.543 $\pm$ 467.471 χ^2 /NDF: 2.0/2

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

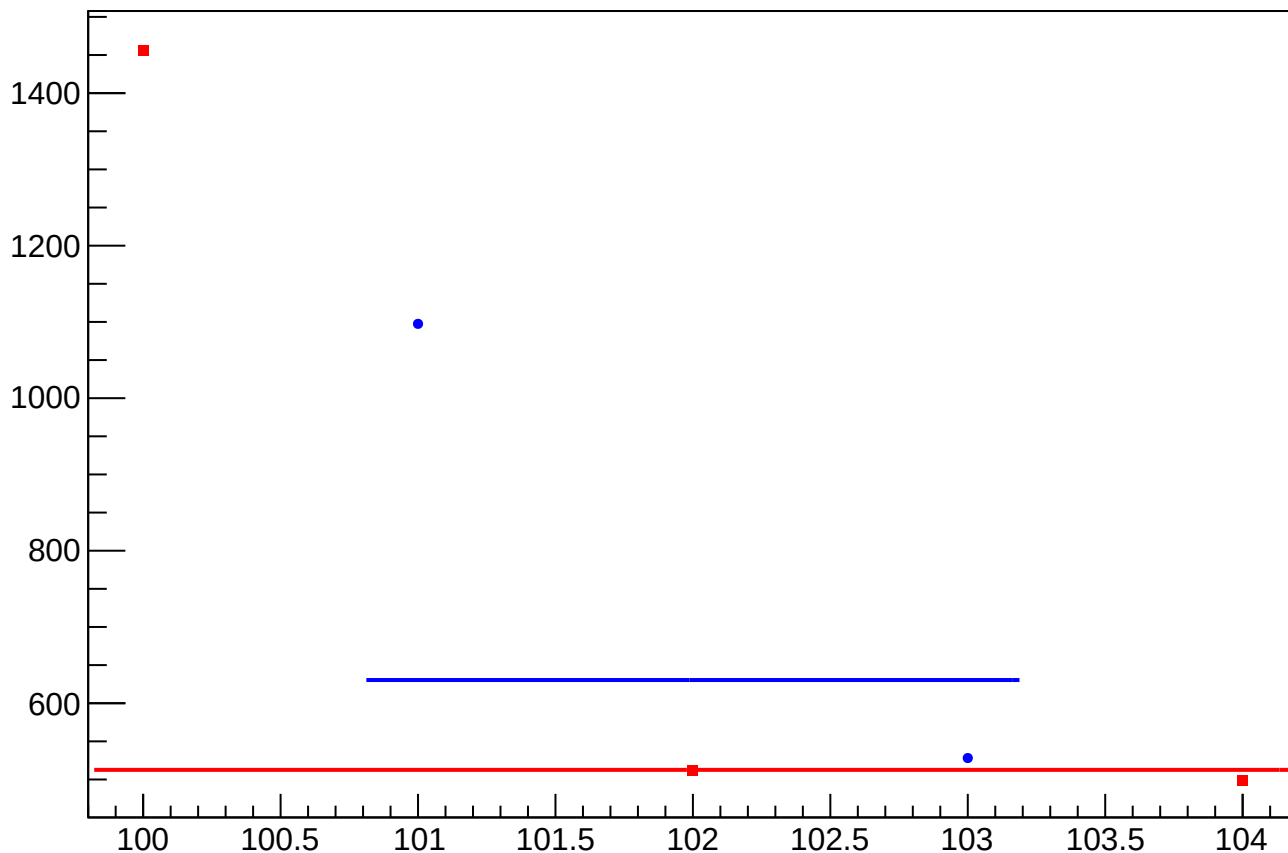
Right: -143.485 $\pm$ 372.243 χ^2 /NDF: 2.7/4

In: 199.715 $\pm$ 615.365 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -143.485 $\pm$ 372.243 χ^2 /NDF: 2.7/4

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: 512.629+/-0.331 χ^2/NDF : 61618.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

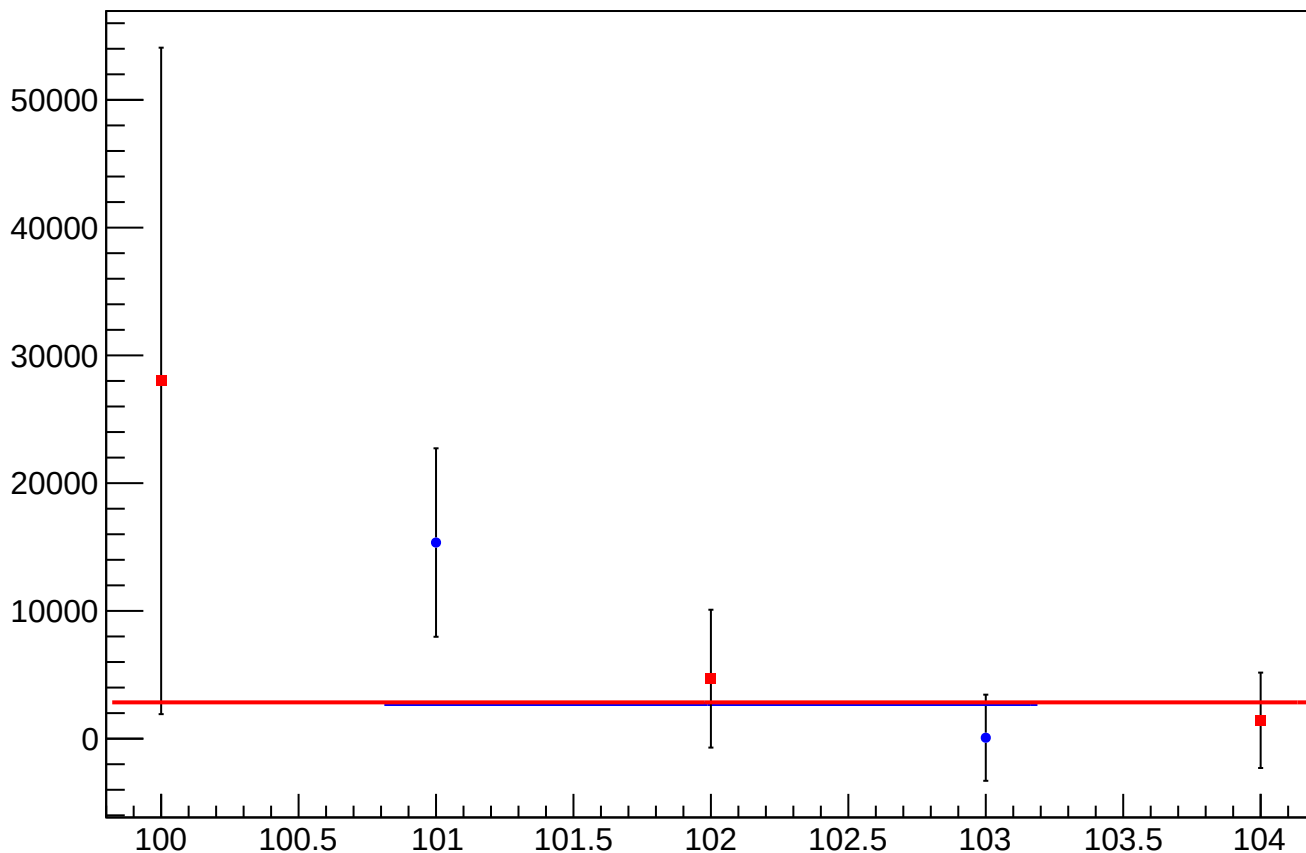
Right: 555.733+/-0.263 χ^2/NDF : 360428.8/4

In: 630.425+/-0.435 χ^2/NDF : 252341.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.733+/-0.263 χ^2/NDF : 360428.8/4

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: 2841.953+/-3048.815 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

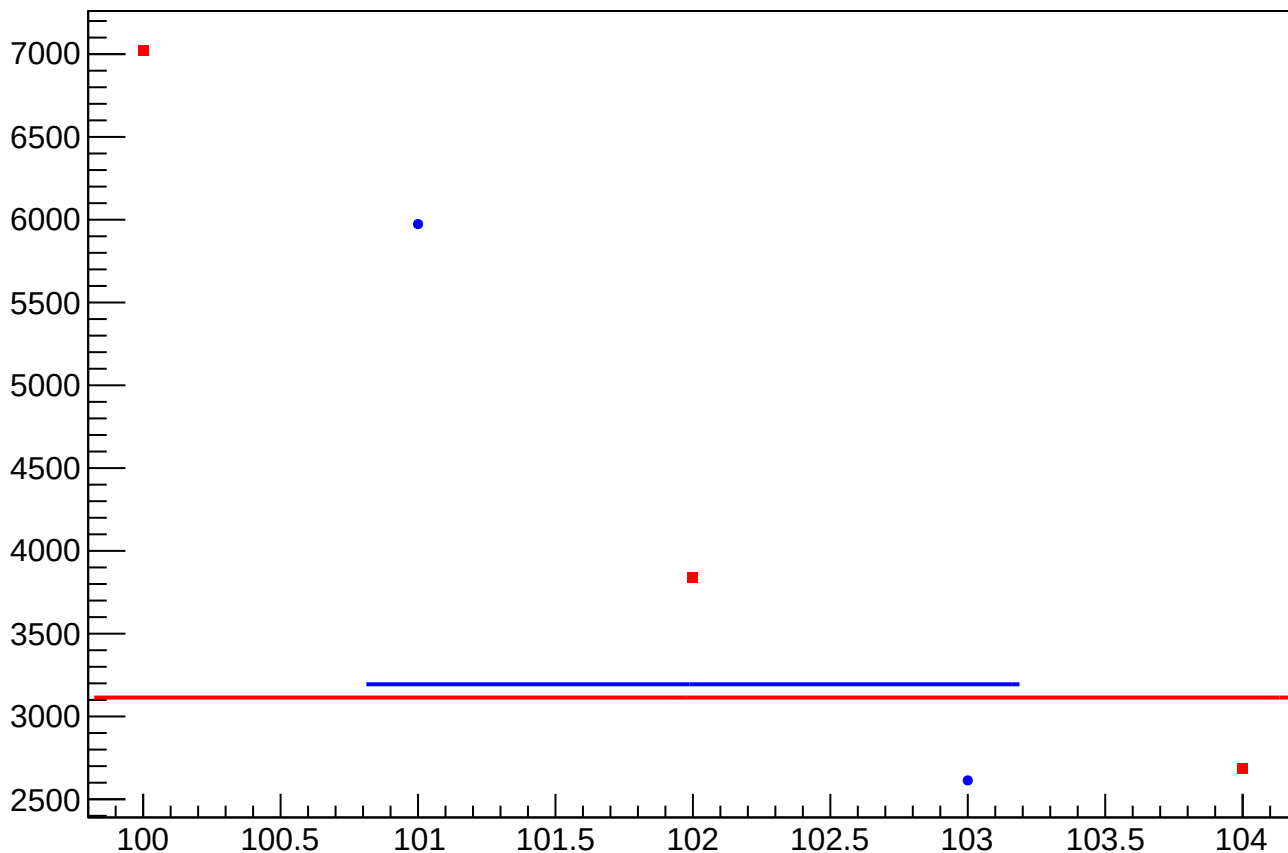
Right: 2778.166+/-2161.848 χ^2/NDF : 4.7/4

In: 2713.661+/-3065.886 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2778.166+/-2161.848 χ^2/NDF : 4.7/4

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: 3114.118+/-2.156 χ^2/NDF : 107118.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

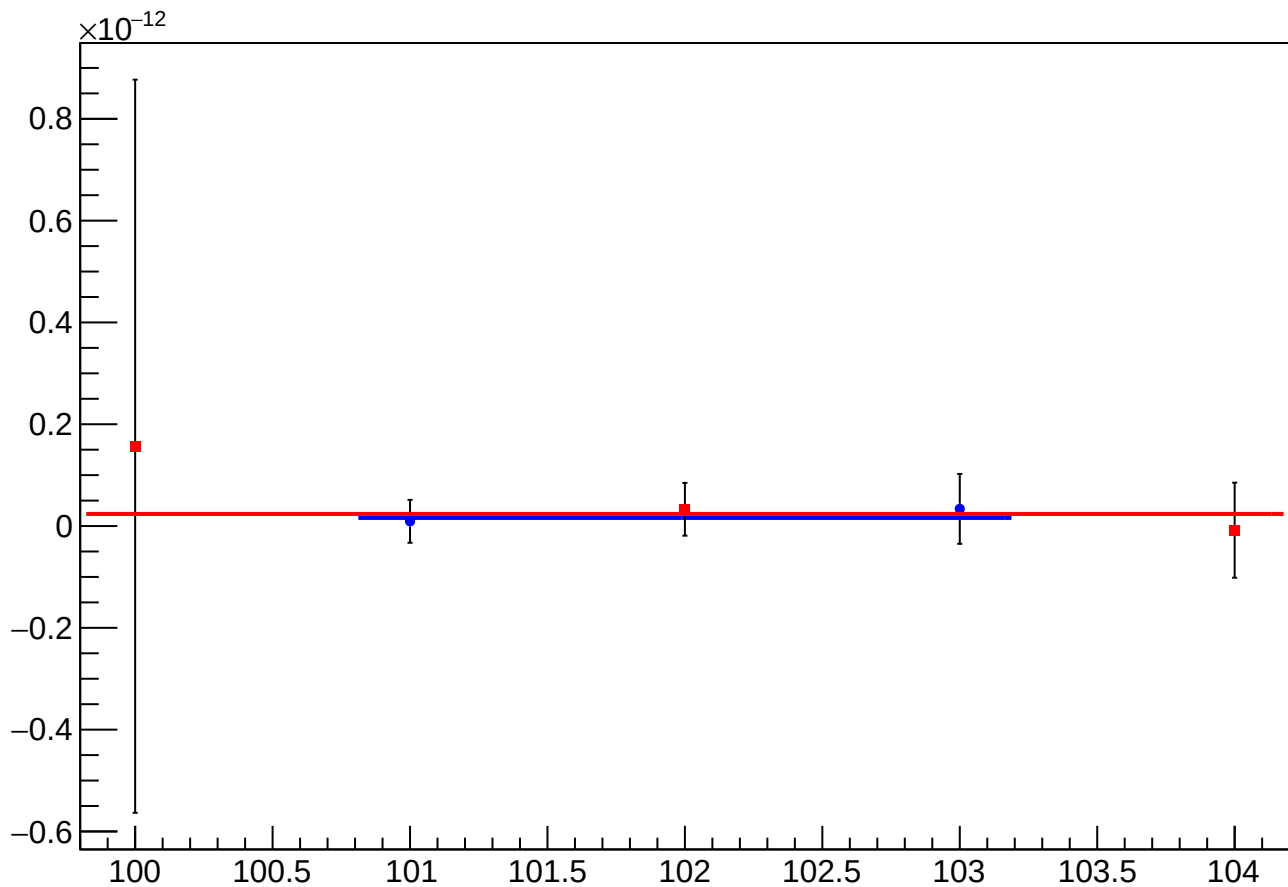
Right: 3154.009+/-1.529 χ^2/NDF : 451075.7/4

In: 3194.351+/-2.168 χ^2/NDF : 343268.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3154.009+/-1.529 χ^2/NDF : 451075.7/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

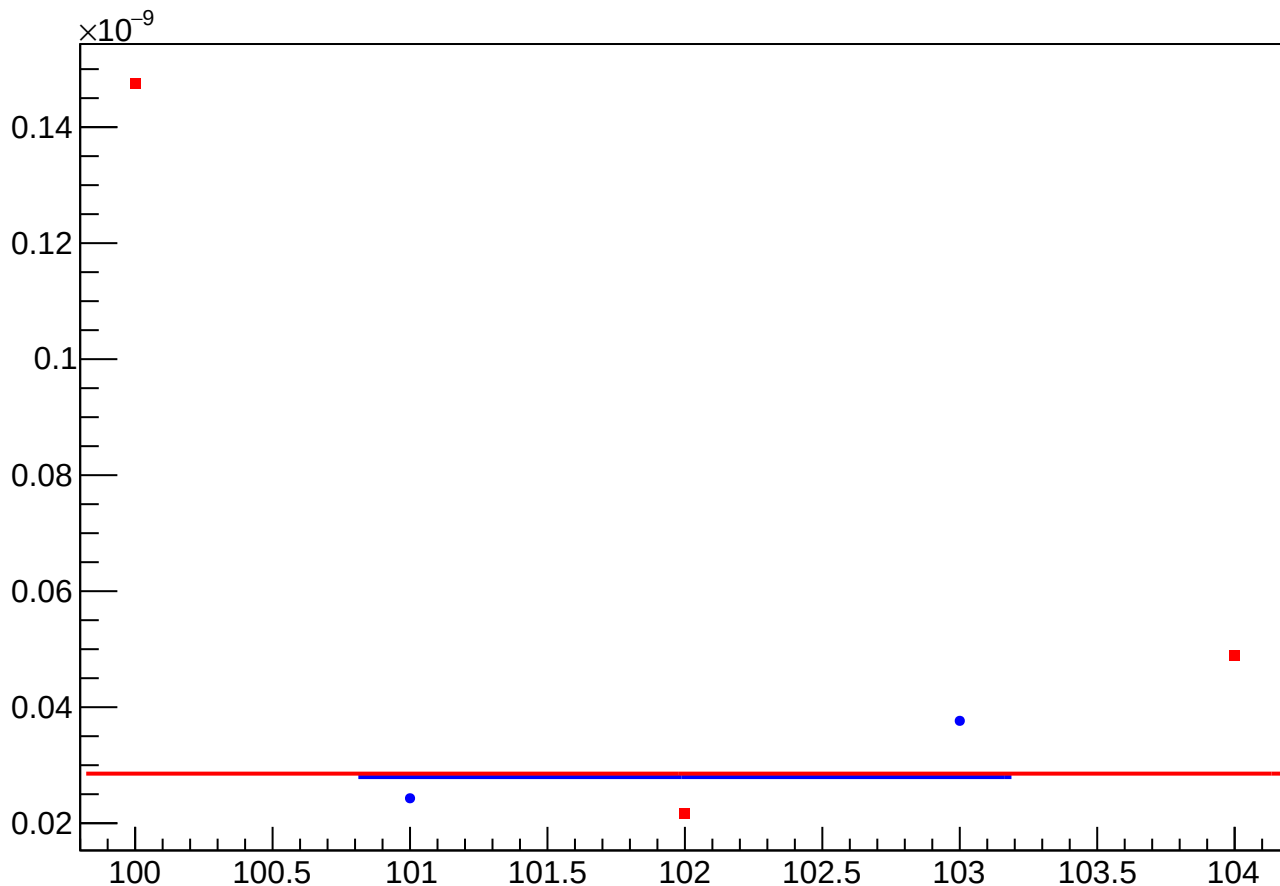
Right: 0.000+/-0.000 χ^2/NDF : 0.3/4

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 : 0.3/4

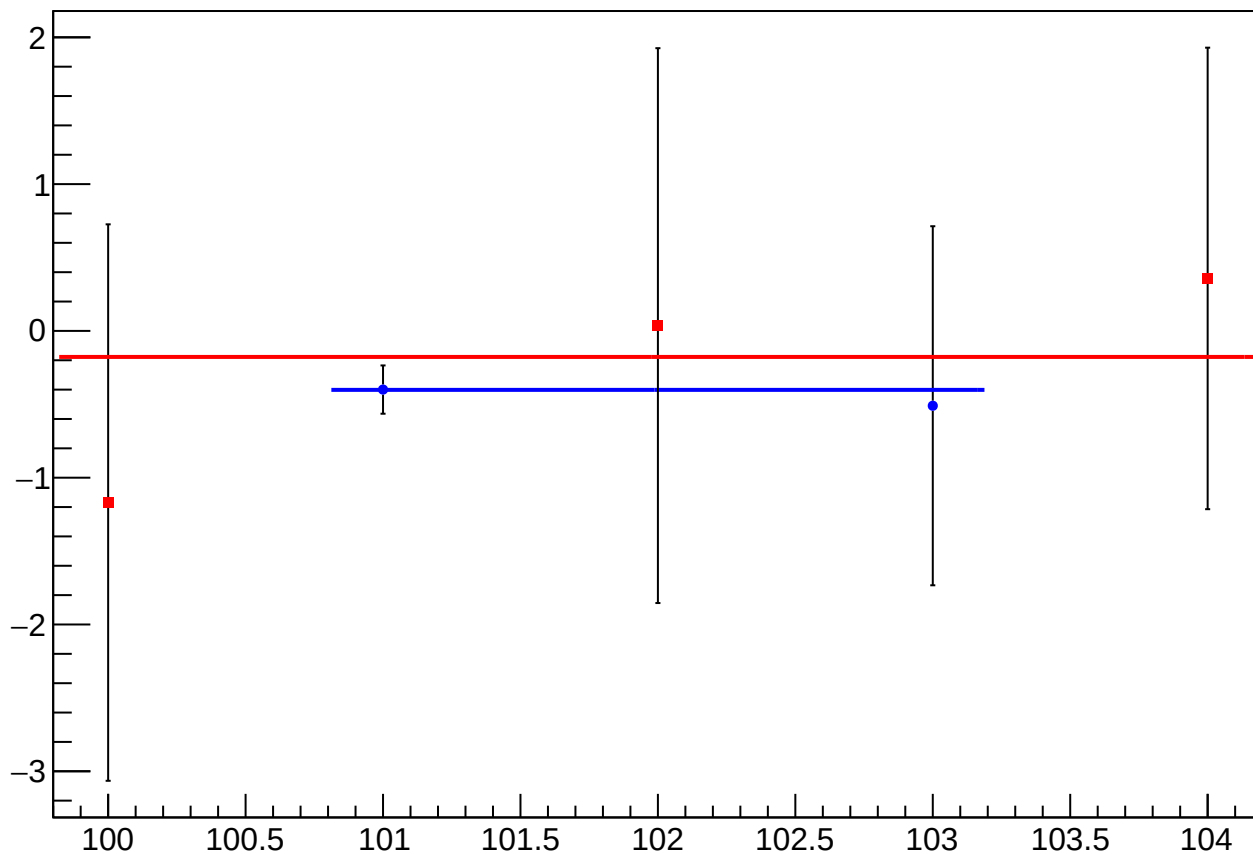
asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 184815.3/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 239985.3/4
 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 : 239985.3/4

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: -0.177 $\pm$ 1.019 χ^2 /NDF: 0.4/2

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

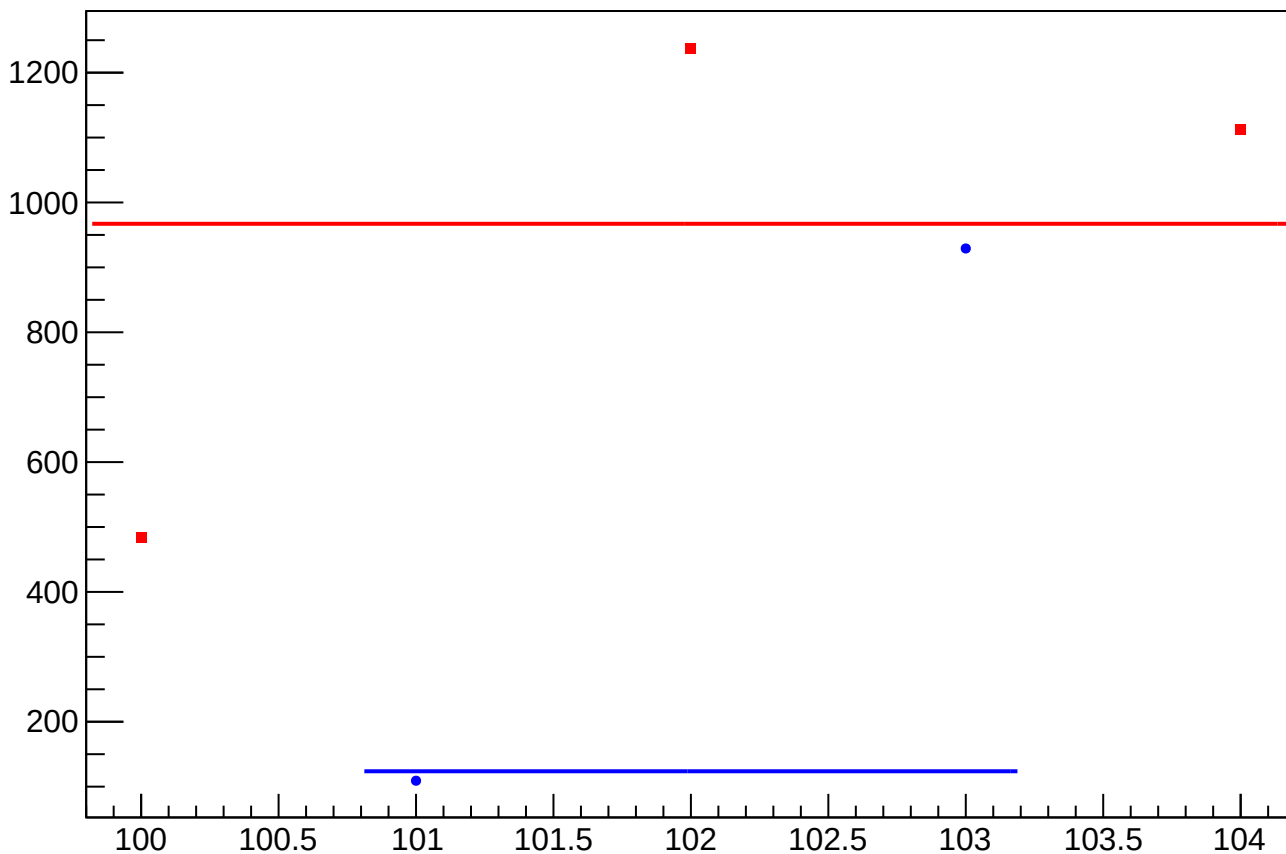
Right: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

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: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.690+/-0.115 χ^2/NDF : 883035.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 967.150+/-0.721 χ^2/NDF : 188100.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

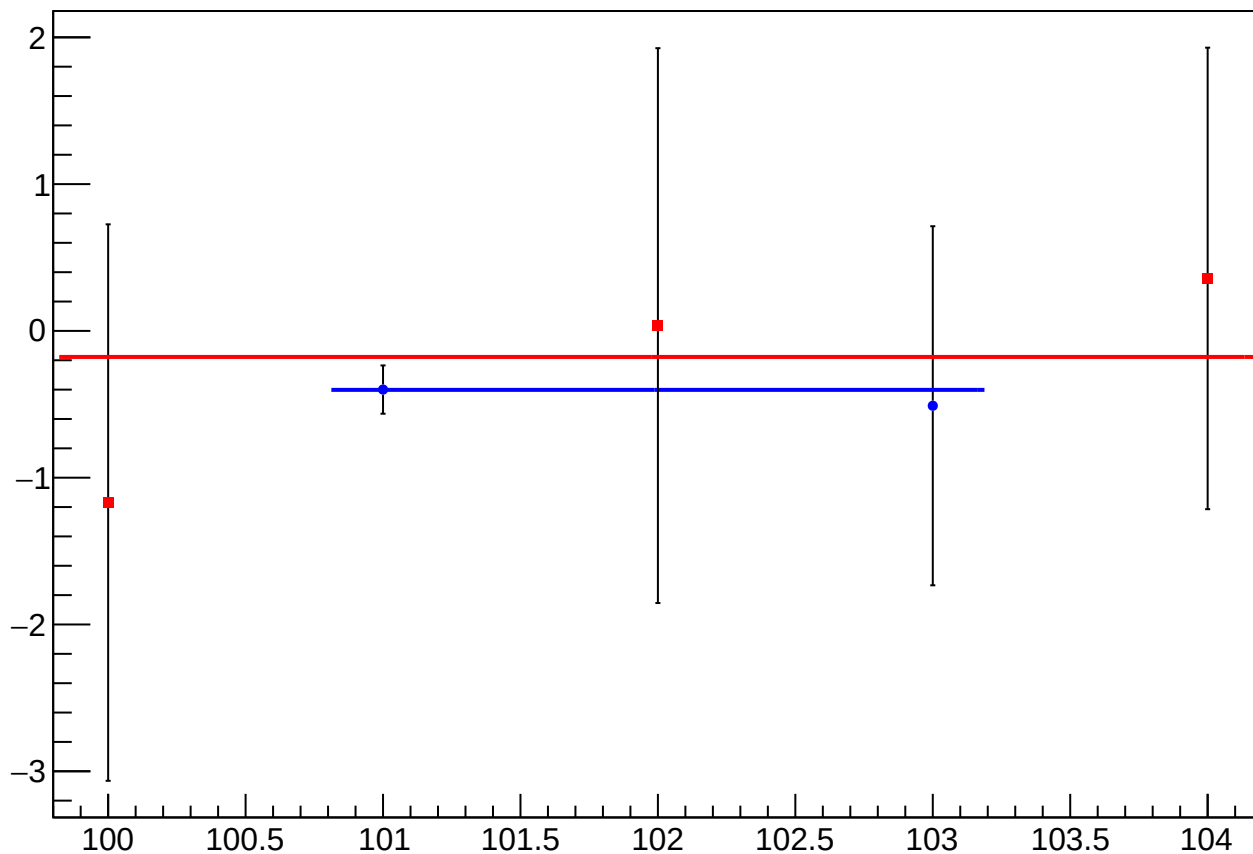
Right: 144.730+/-0.114 χ^2/NDF : 2407084.2/4

In: 123.690+/-0.115 χ^2/NDF : 883035.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.730+/-0.114 χ^2/NDF : 2407084.2/4

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: -0.177 $\pm$ 1.019 χ^2 /NDF: 0.4/2

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

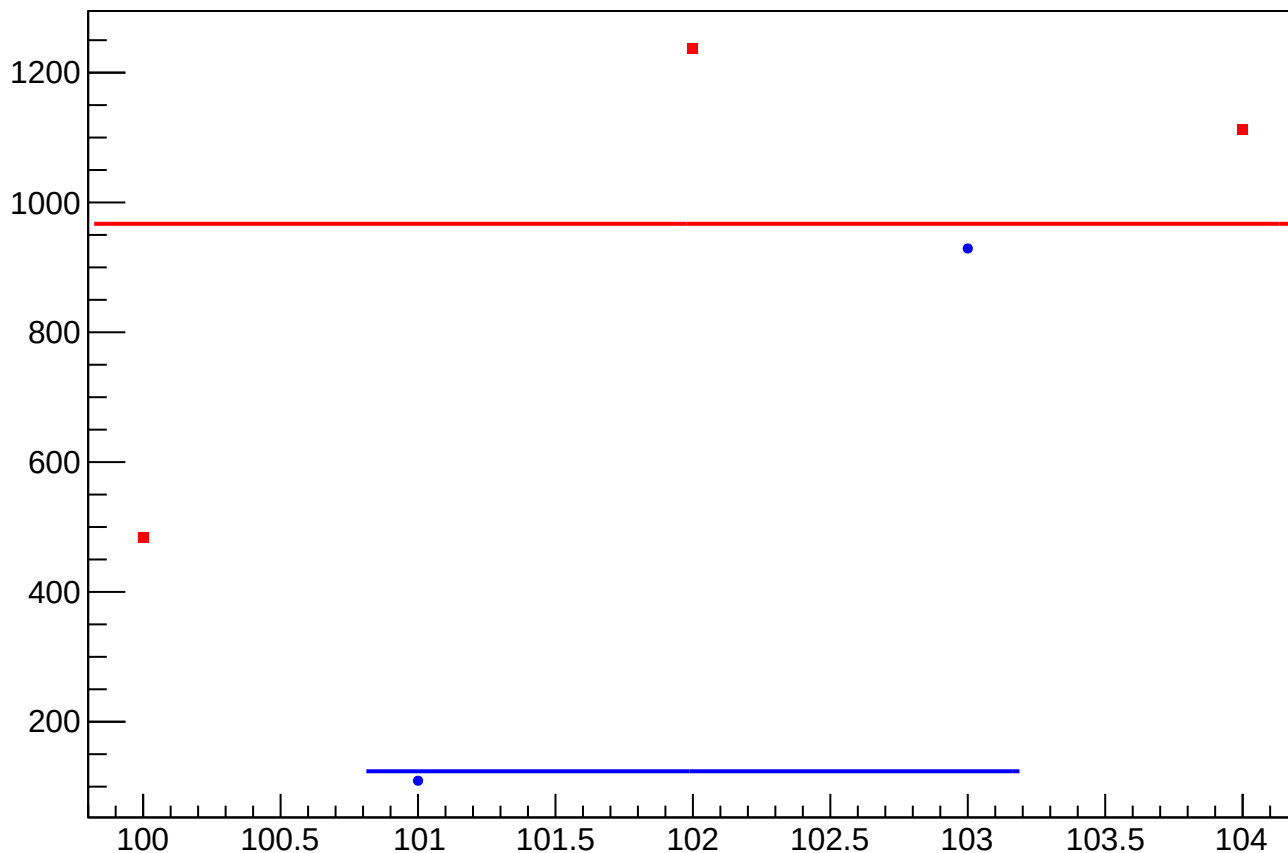
Right: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

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: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

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: 967.150 $\pm$ 0.721 χ^2 /NDF: 188100.6/2

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

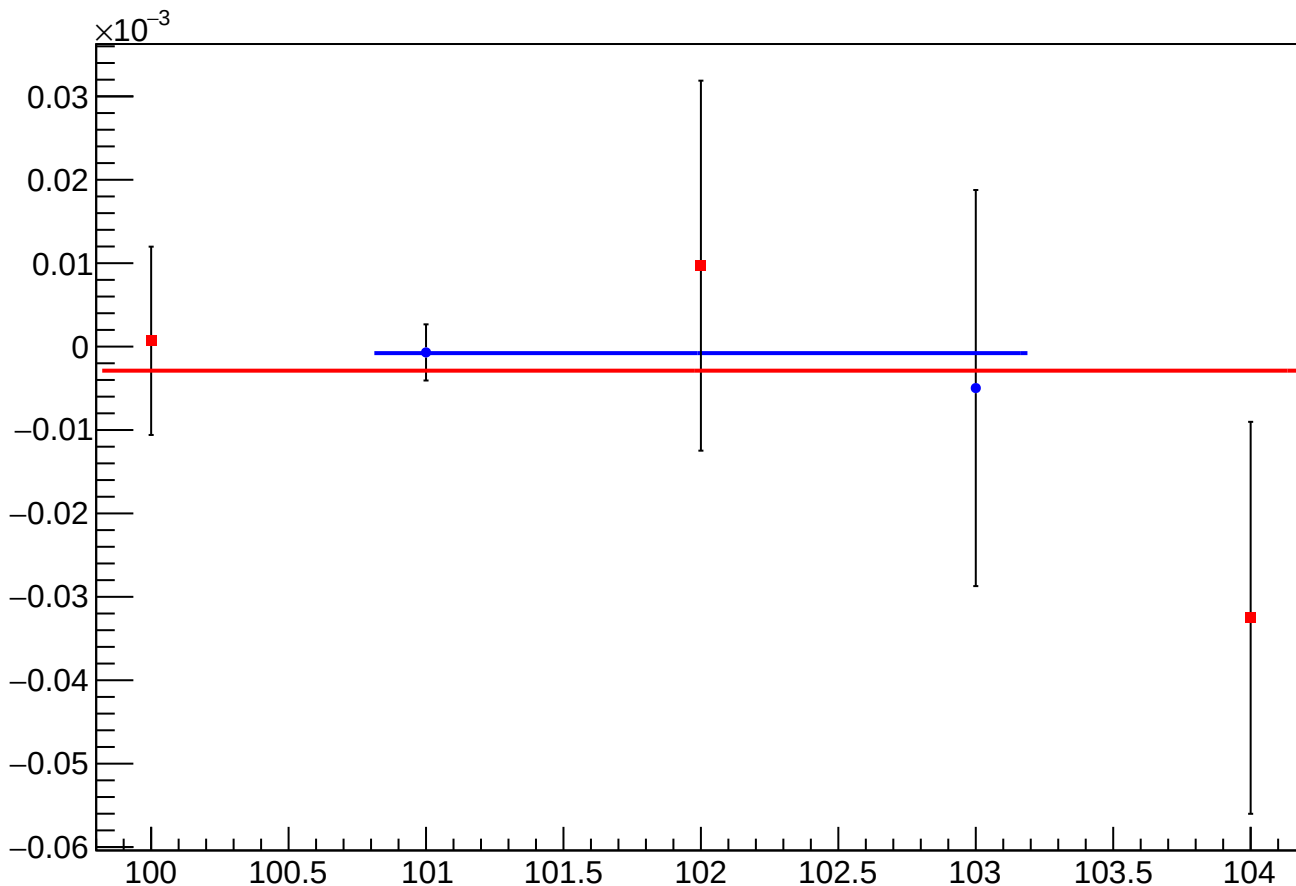
Right: 144.730 $\pm$ 0.114 χ^2 /NDF: 2407084.2/4

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: 144.730 $\pm$ 0.114 χ^2 /NDF: 2407084.2/4

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 : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

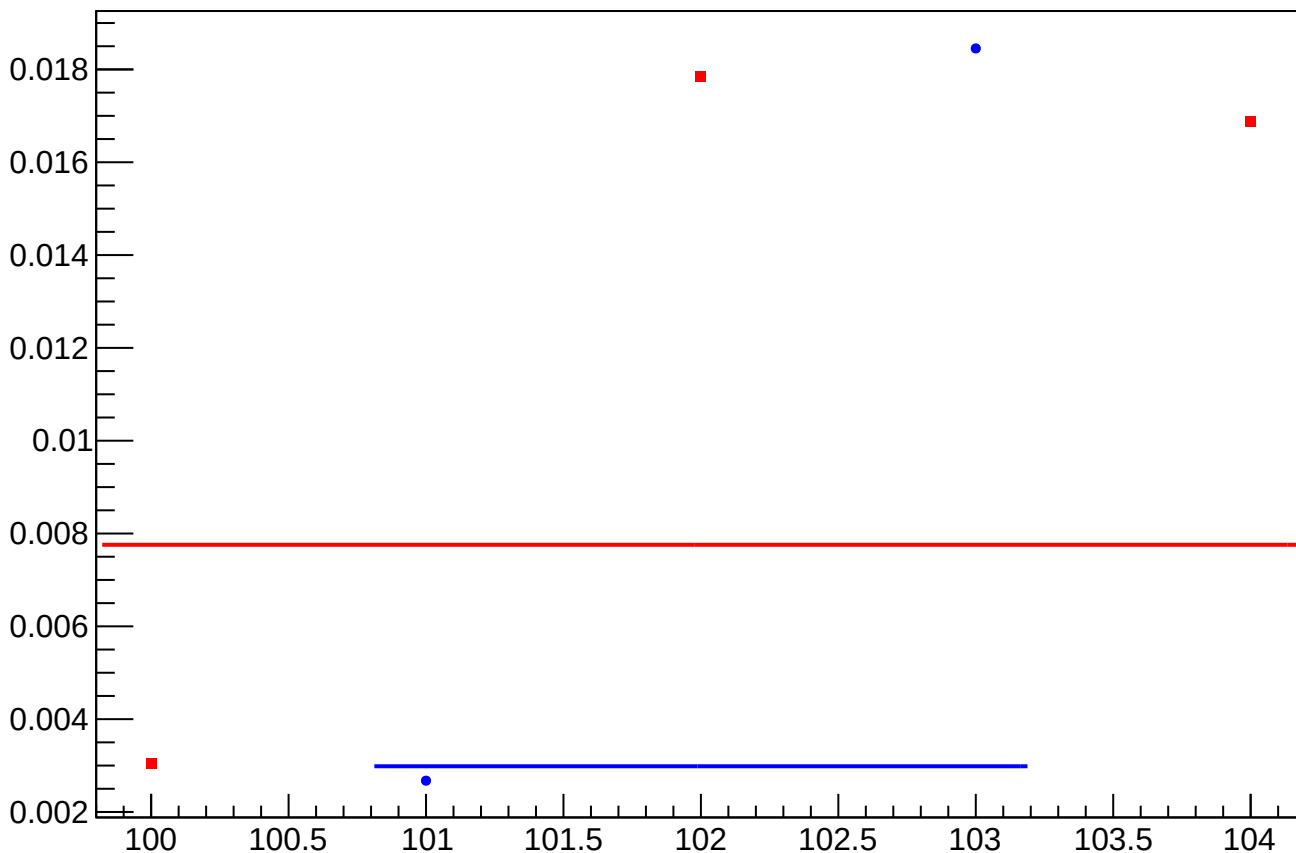
Right: -0.000+/-0.000 χ^2/NDF : 2.1/4

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 : 2.1/4

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: 0.008+/-0.000 χ^2/NDF : 1065040.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

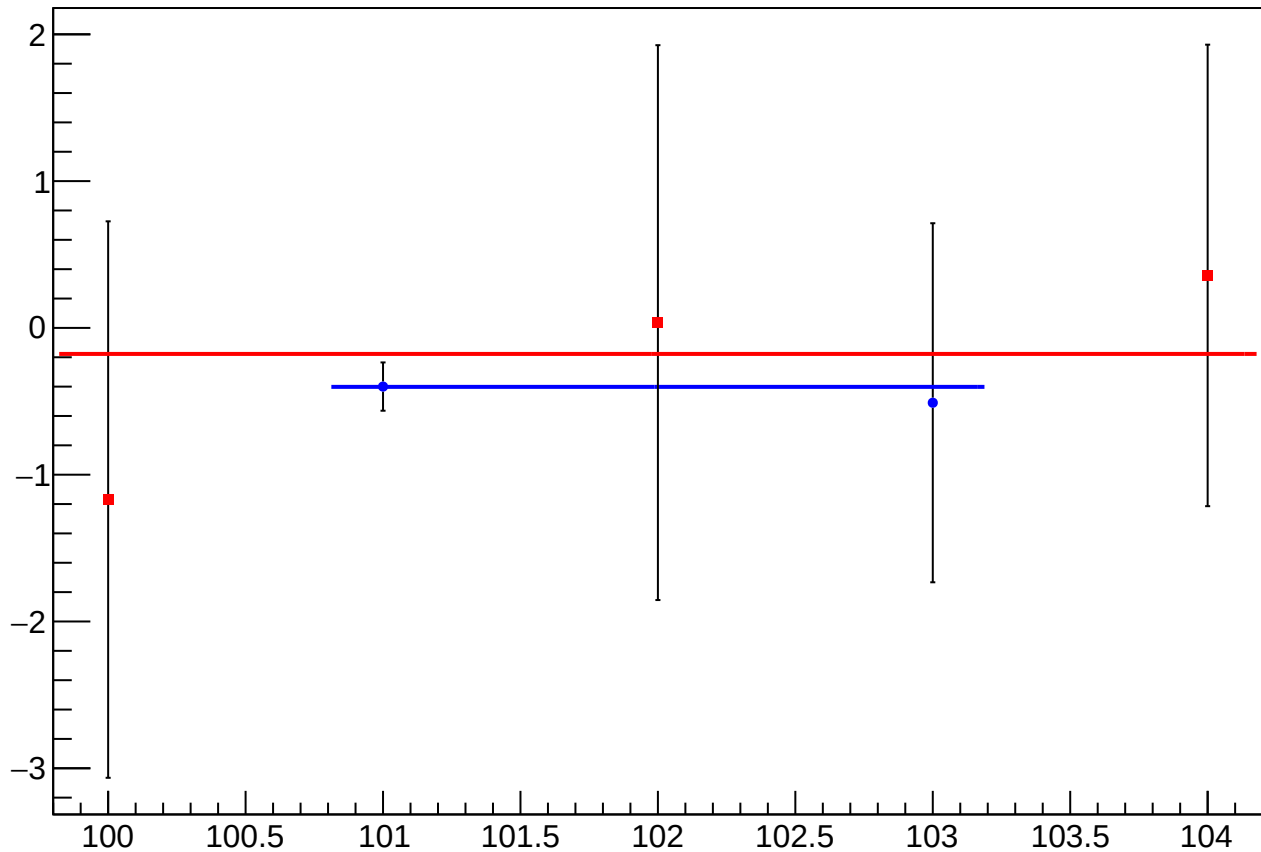
Right: 0.004+/-0.000 χ^2/NDF : 2402192.7/4

In: 0.003+/-0.000 χ^2/NDF : 865767.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2402192.7/4

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: -0.177 $\pm$ 1.019 χ^2 /NDF: 0.4/2

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

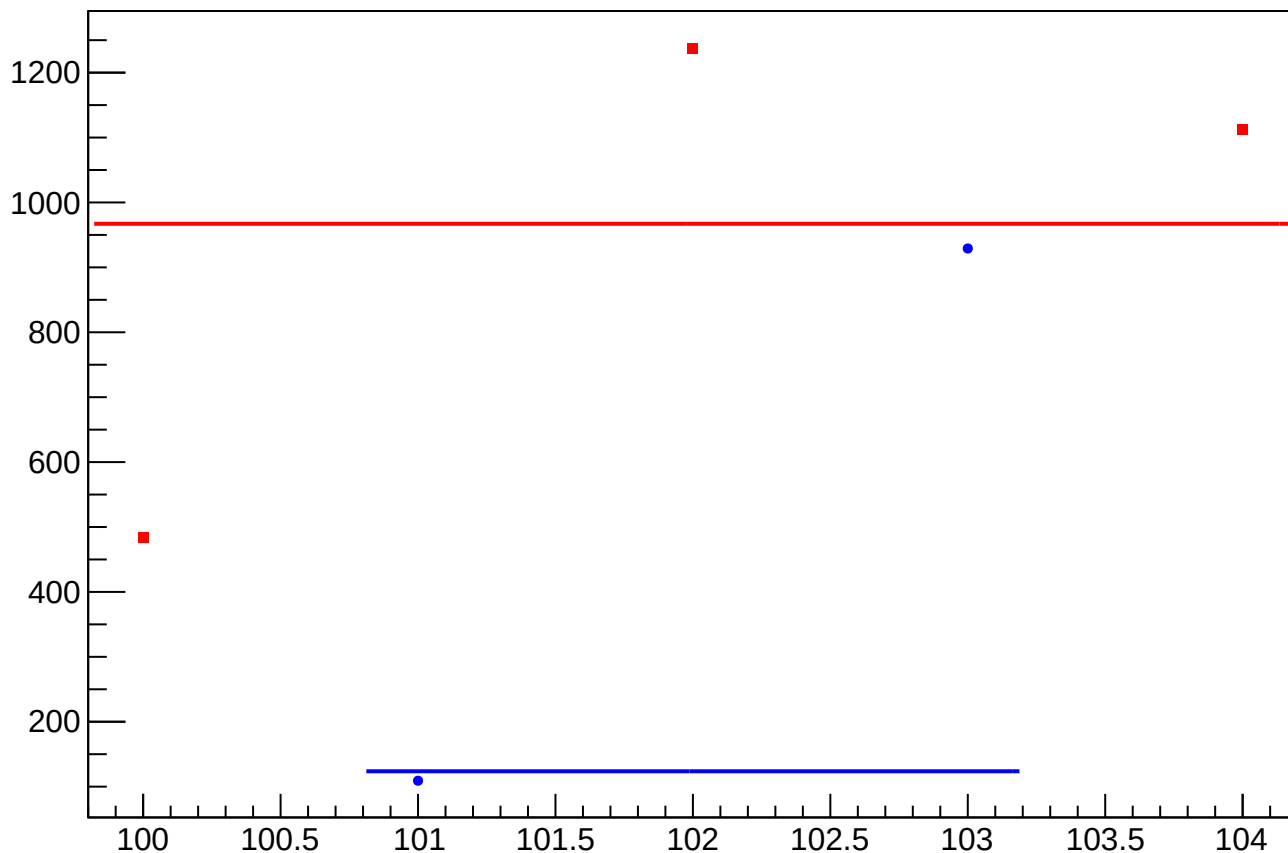
Right: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

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: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 967.146+/-0.721 χ^2/NDF : 188090.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

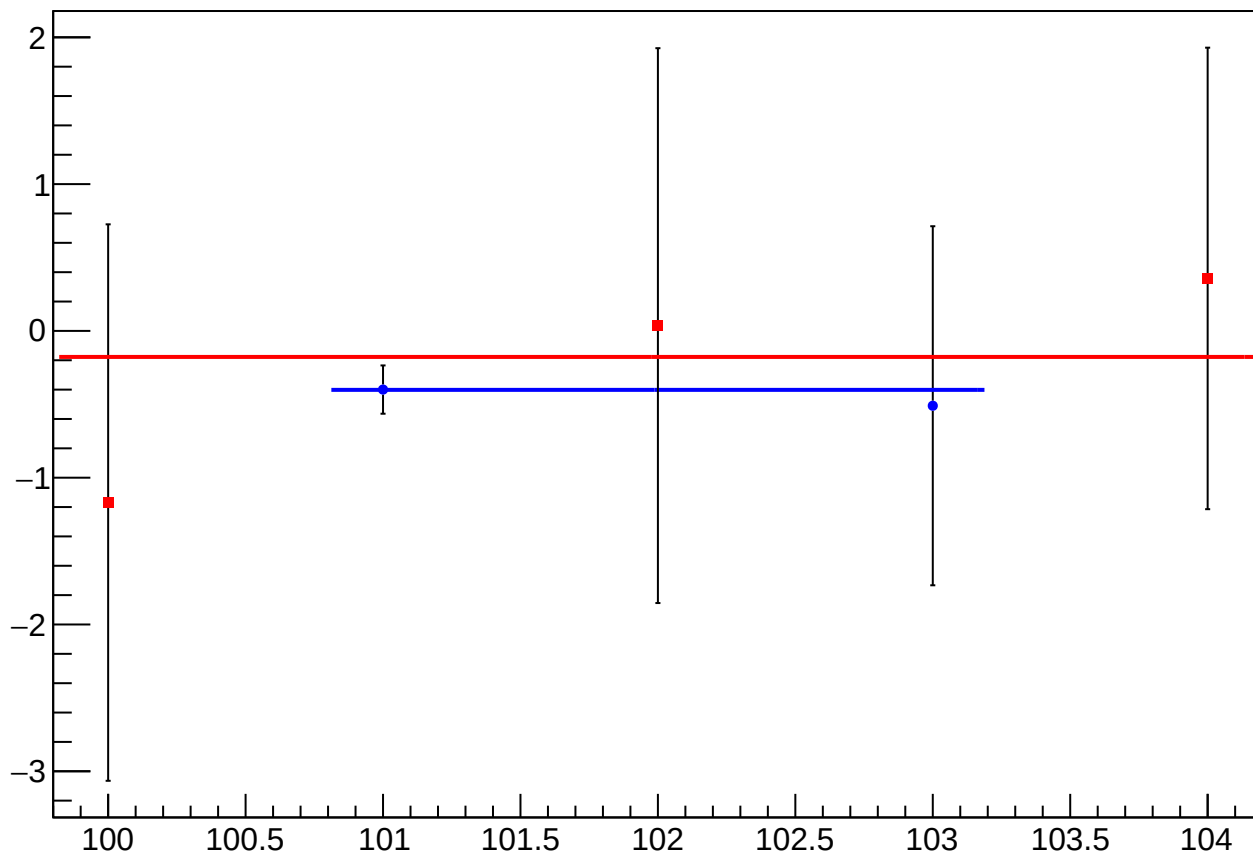
Right: 144.729+/-0.114 χ^2/NDF : 2407073.0/4

In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.729+/-0.114 χ^2/NDF : 2407073.0/4

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: -0.177 $\pm$ 1.019 χ^2 /NDF: 0.4/2

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

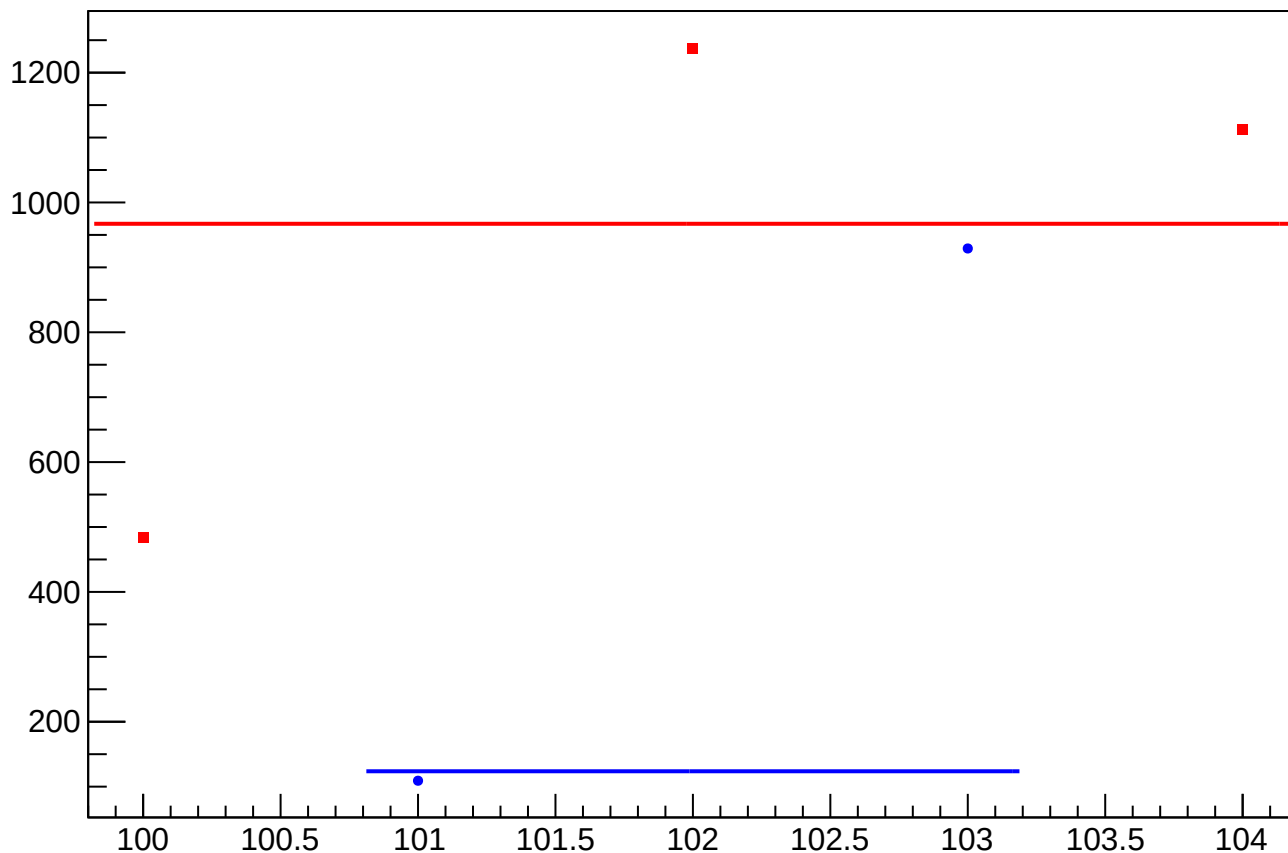
Right: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

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: -0.396 $\pm$ 0.161 χ^2 /NDF: 0.5/4

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 967.146+/-0.721 χ^2/NDF : 188090.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

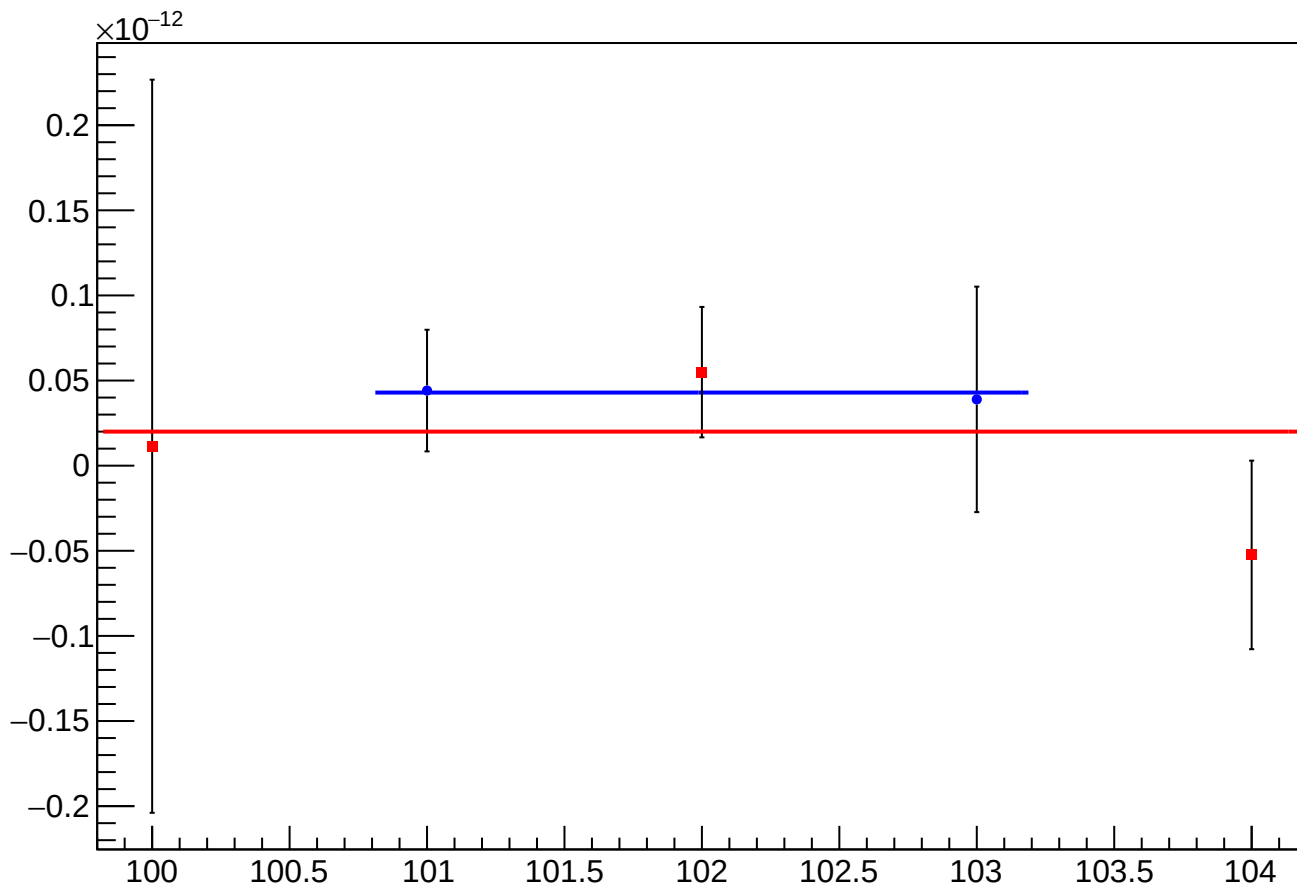
Right: 144.729+/-0.114 χ^2/NDF : 2407073.0/4

In: 123.689+/-0.115 χ^2/NDF : 883033.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.729+/-0.114 χ^2/NDF : 2407073.0/4

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/2

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

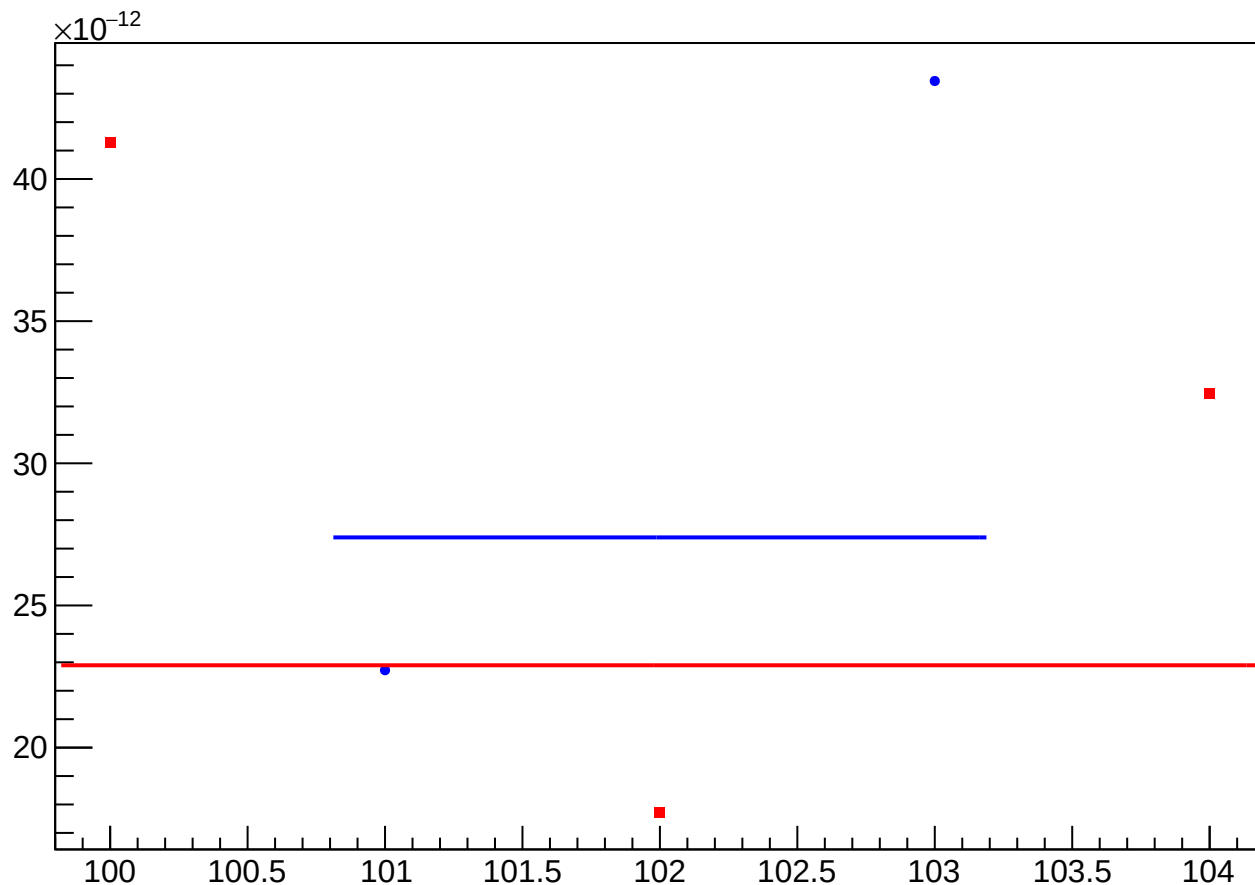
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/4

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 : 110632.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

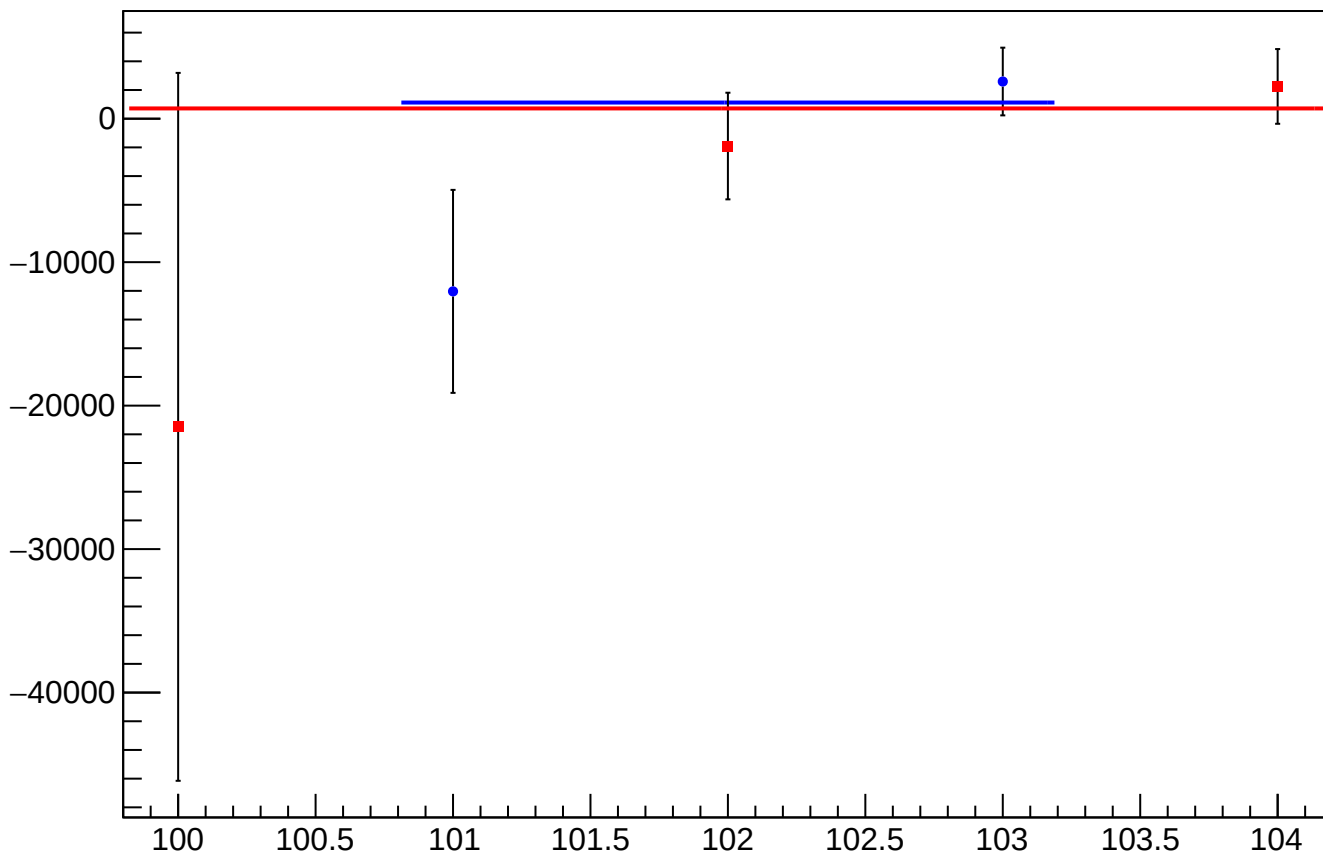
Right: 0.000+/-0.000 χ^2/NDF : 282957.2/4

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 : 282957.2/4

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 1126.737+/-2238.470 χ^2 /NDF: 3.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 715.672+/-2124.785 χ^2 /NDF: 1.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

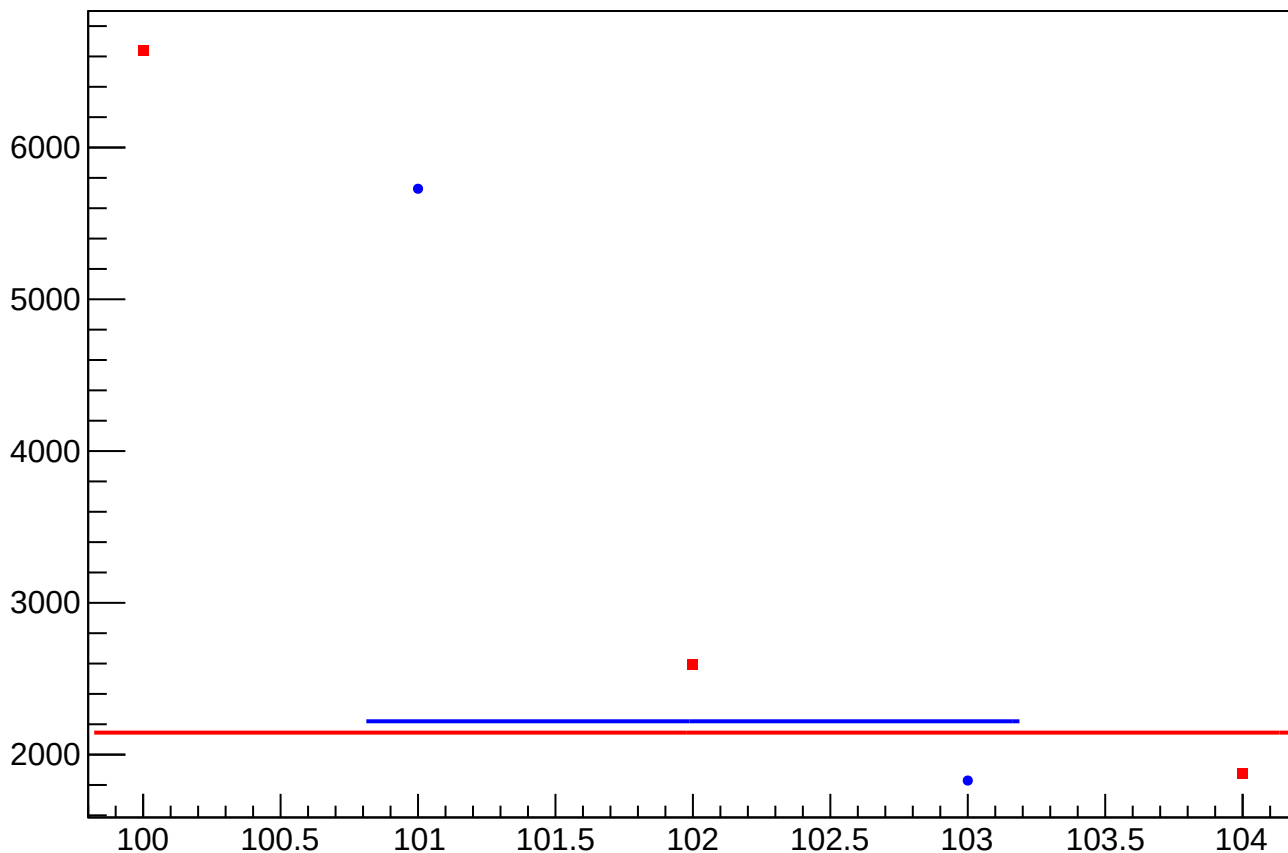
Right: 910.501+/-1541.073 χ^2 /NDF: 5.5/4

In: 1126.737+/-2238.470 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 910.501+/-1541.073 χ^2 /NDF: 5.5/4

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: 2144.939+/-1.502 χ^2/NDF : 117627.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

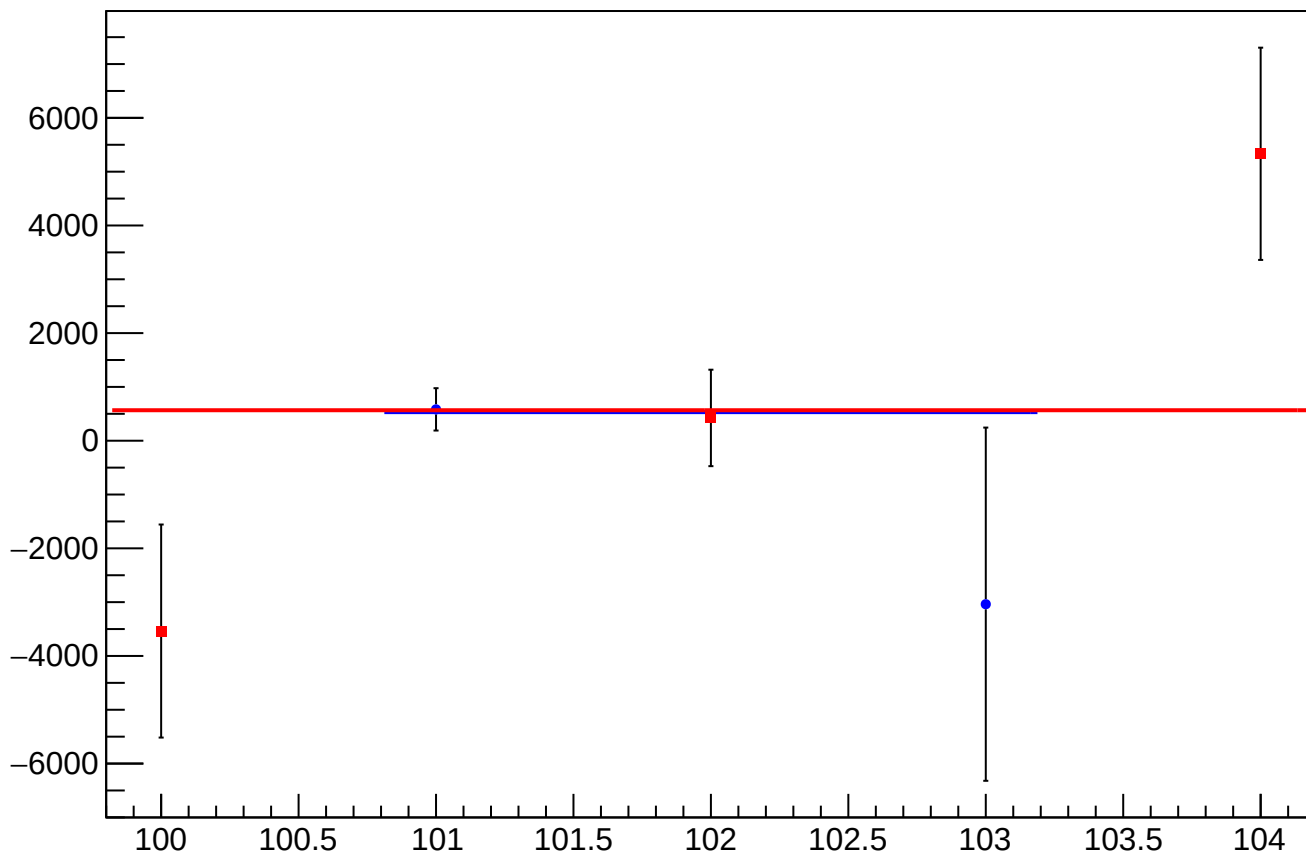
Right: 2180.327+/-1.090 χ^2/NDF : 665582.0/4

In: 2219.604+/-1.583 χ^2/NDF : 546784.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.327+/-1.090 χ^2/NDF : 665582.0/4

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: 566.587+/-754.383 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

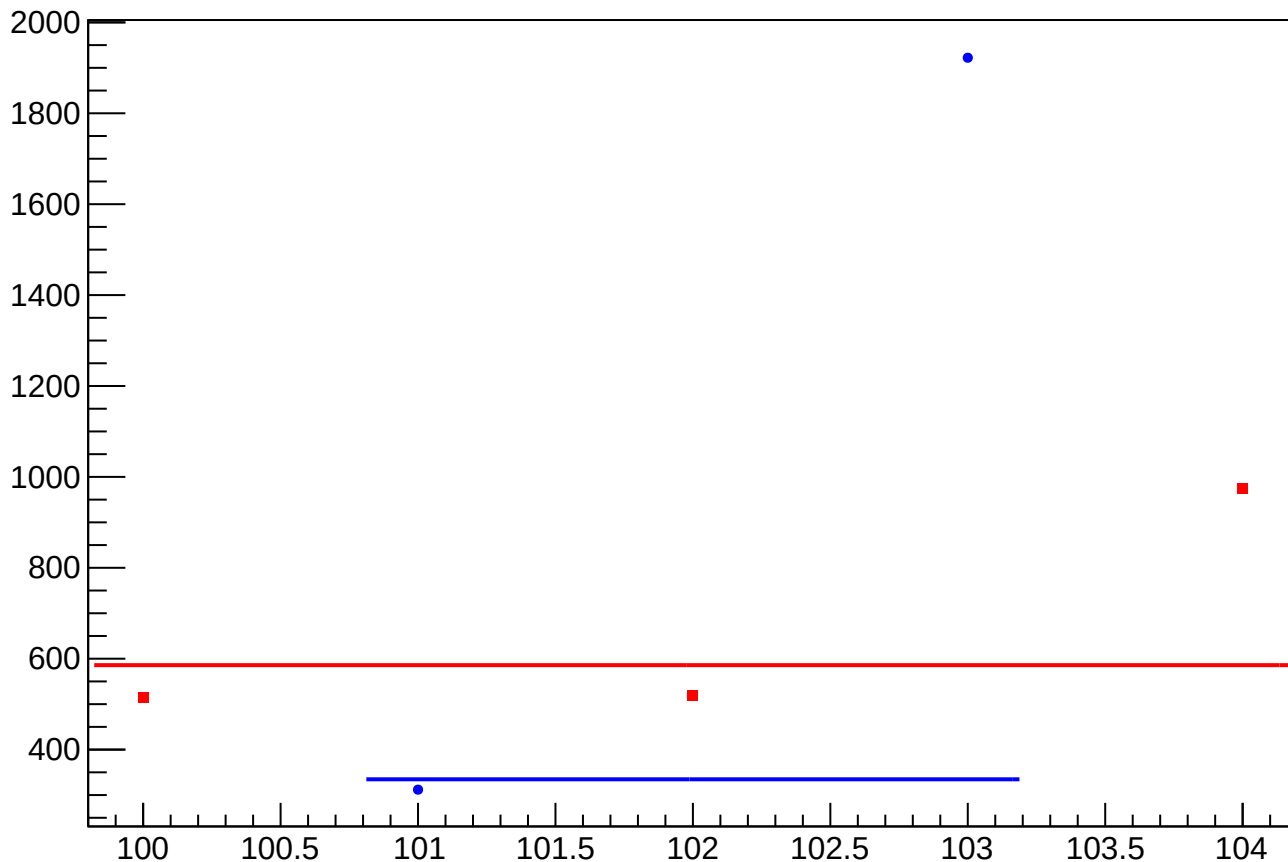
Right: 538.842+/-346.915 χ^2/NDF : 11.4/4

In: 531.401+/-390.676 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.842+/-346.915 χ^2/NDF : 11.4/4

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 334.665 $\pm$ 0.276 χ^2 /NDF: 474654.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 585.830 $\pm$ 0.533 χ^2 /NDF: 90856.4/2

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

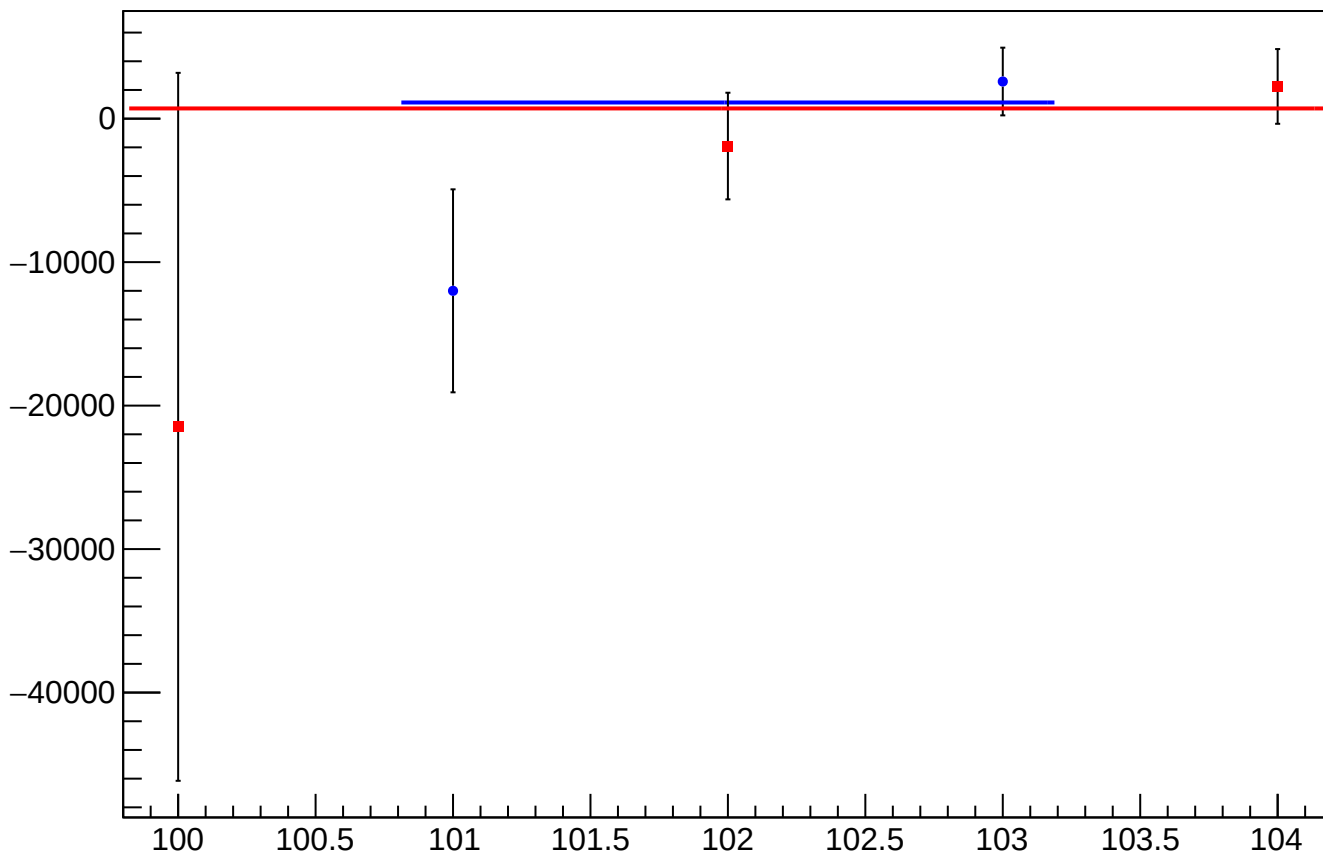
Right: 387.781 $\pm$ 0.245 χ^2 /NDF: 740326.7/4

In: 334.665 $\pm$ 0.276 χ^2 /NDF:474654.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 387.781 $\pm$ 0.245 χ^2 /NDF: 740326.7/4

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: 712.592+/-2124.787 χ^2 /NDF: 1.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

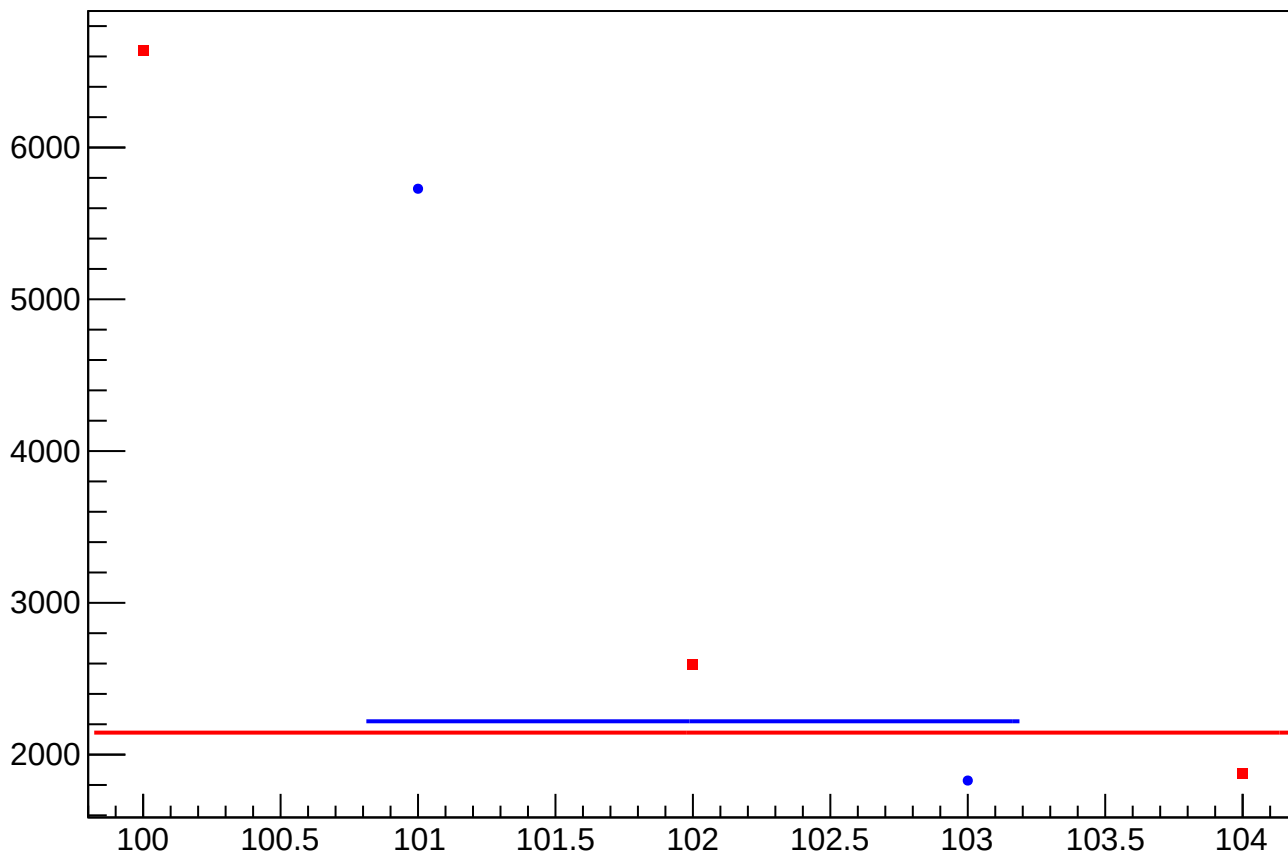
Right: 909.350+/-1541.075 χ^2 /NDF: 5.5/4

In: 1127.726+/-2238.472 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 909.350+/-1541.075 χ^2 /NDF: 5.5/4

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: 2144.939+/-1.502 χ^2/NDF : 117626.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

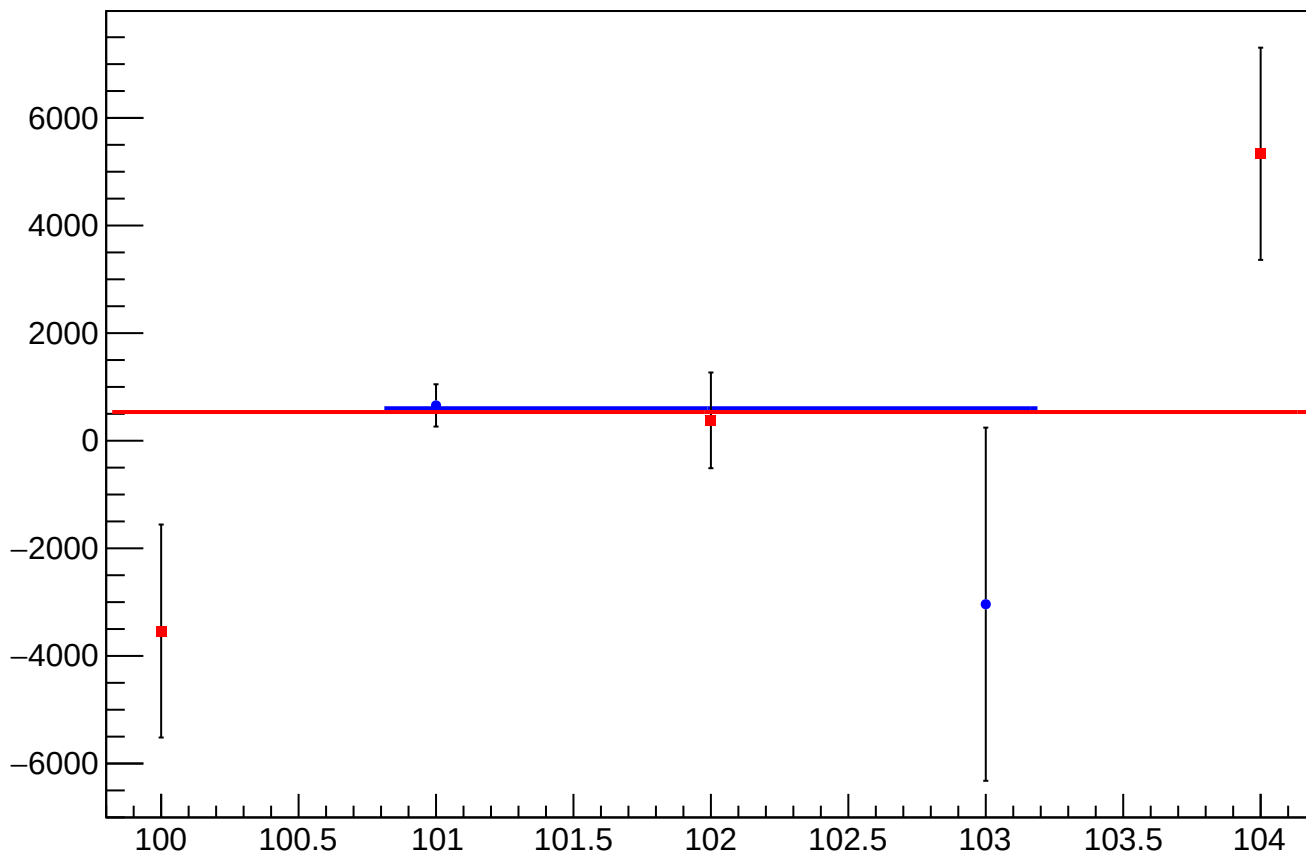
Right: 2180.326+/-1.090 χ^2/NDF : 665581.1/4

In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.326+/-1.090 χ^2/NDF : 665581.1/4

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.458+/-750.310 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

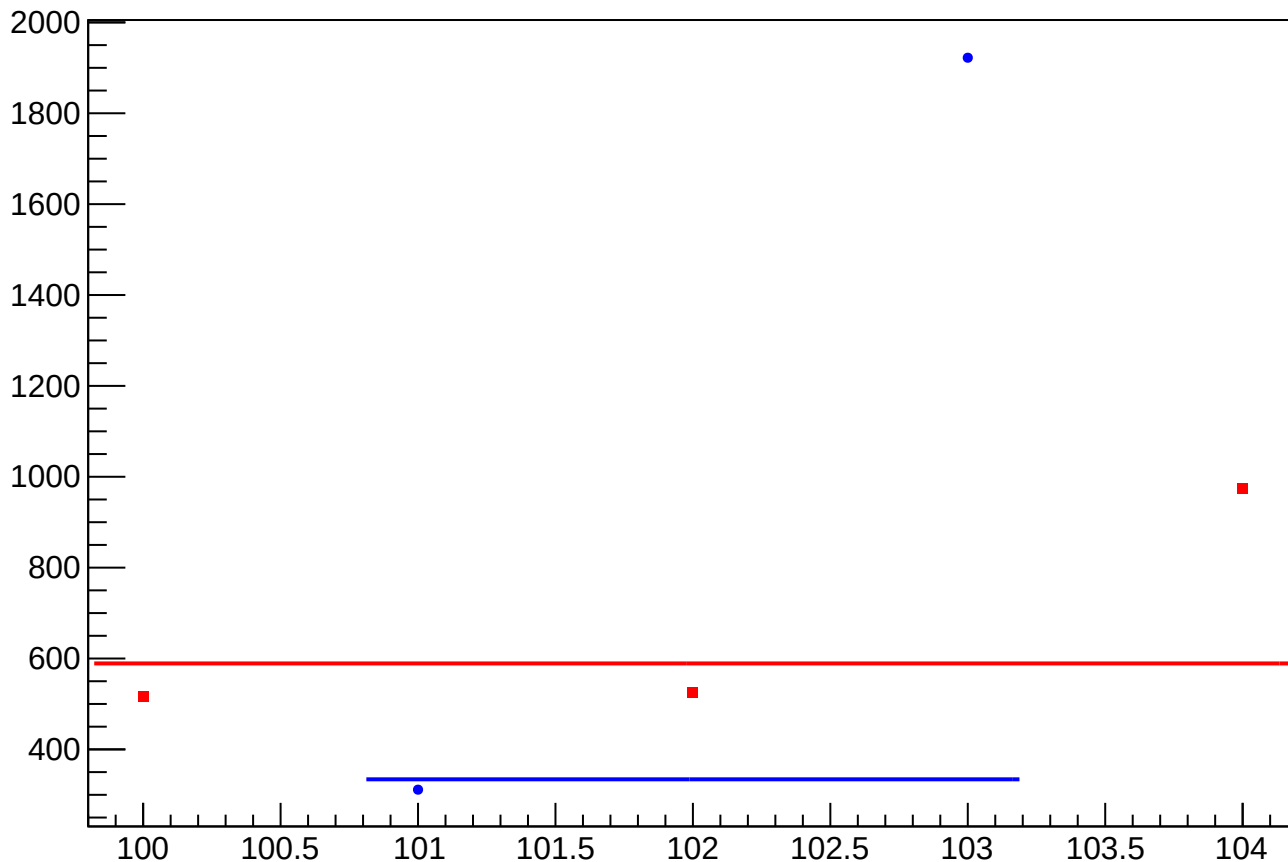
Right: 588.991+/-346.220 χ^2/NDF : 11.4/4

In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.991+/-346.220 χ^2/NDF : 11.4/4

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 334.122 ± 0.276 $\chi^2/\text{NDF}: 474926.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 589.187 ± 0.531 $\chi^2/\text{NDF}: 89162.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

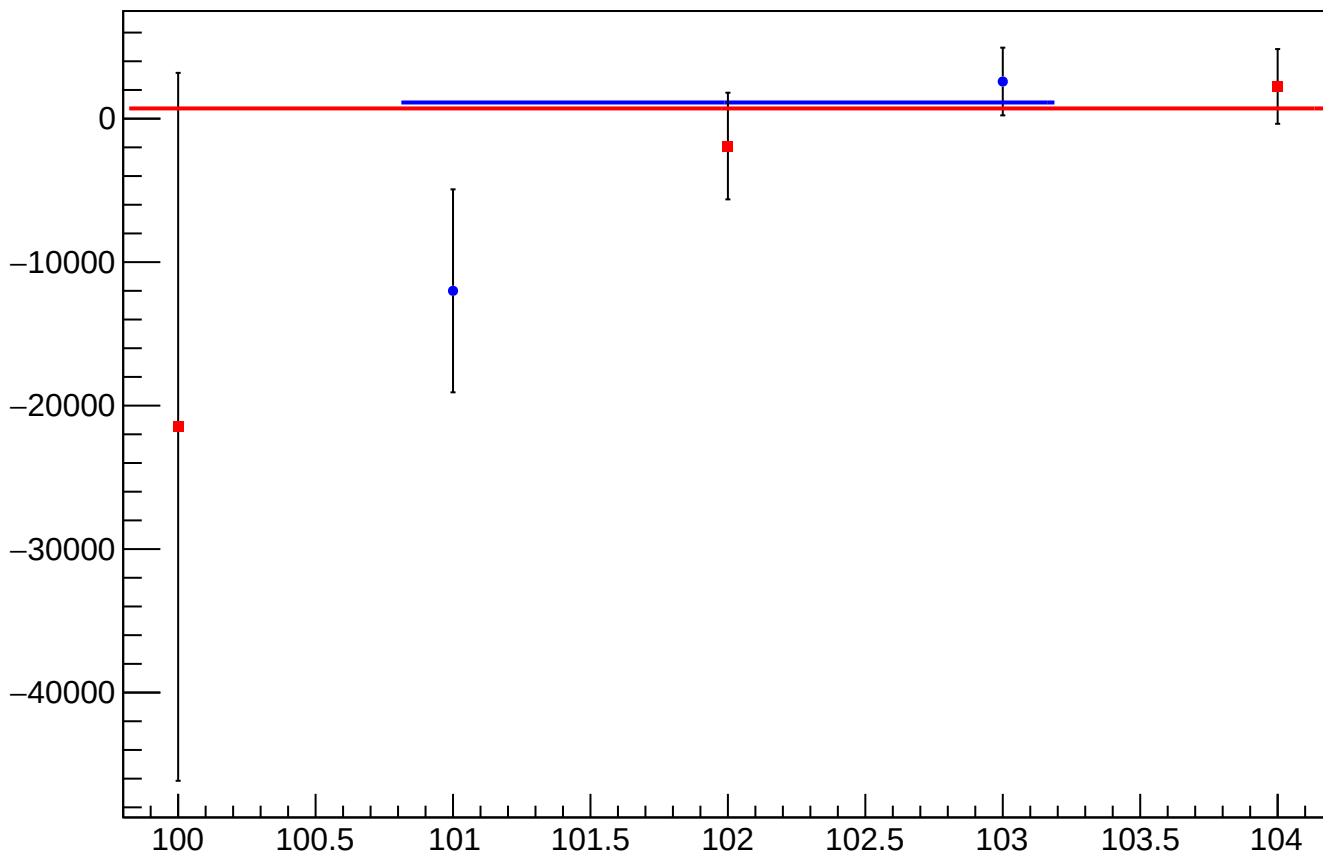
Right: 388.431 ± 0.245 $\chi^2/\text{NDF}: 746004.0/4$

In: 334.122 ± 0.276 $\chi^2/\text{NDF}: 474926.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 388.431 ± 0.245 $\chi^2/\text{NDF}: 746004.0/4$

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: 712.592+/-2124.787 χ^2 /NDF: 1.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

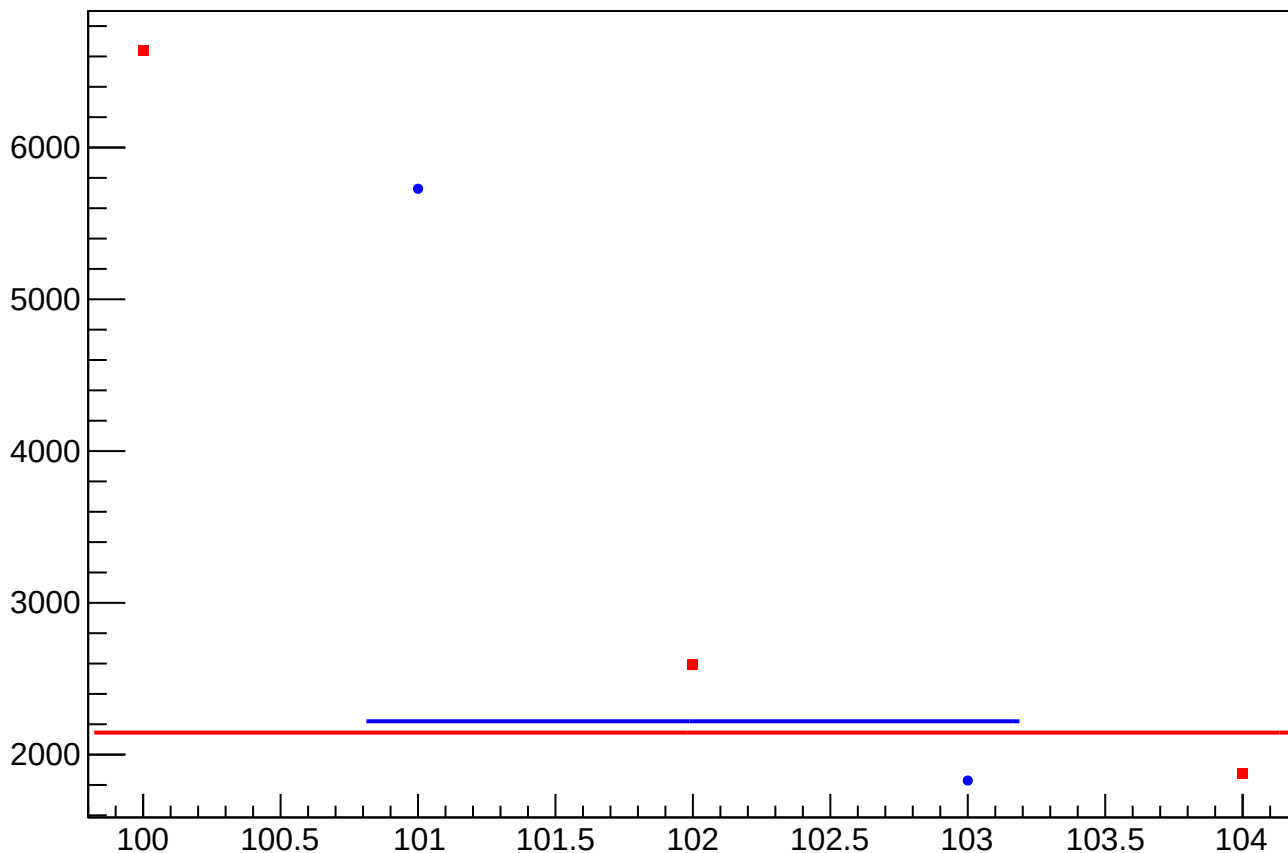
Right: 909.350+/-1541.075 χ^2 /NDF: 5.5/4

In: 1127.726+/-2238.472 χ^2 /NDF:3.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 909.350+/-1541.075 χ^2 /NDF: 5.5/4

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: 2144.939+/-1.502 χ^2/NDF : 117626.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

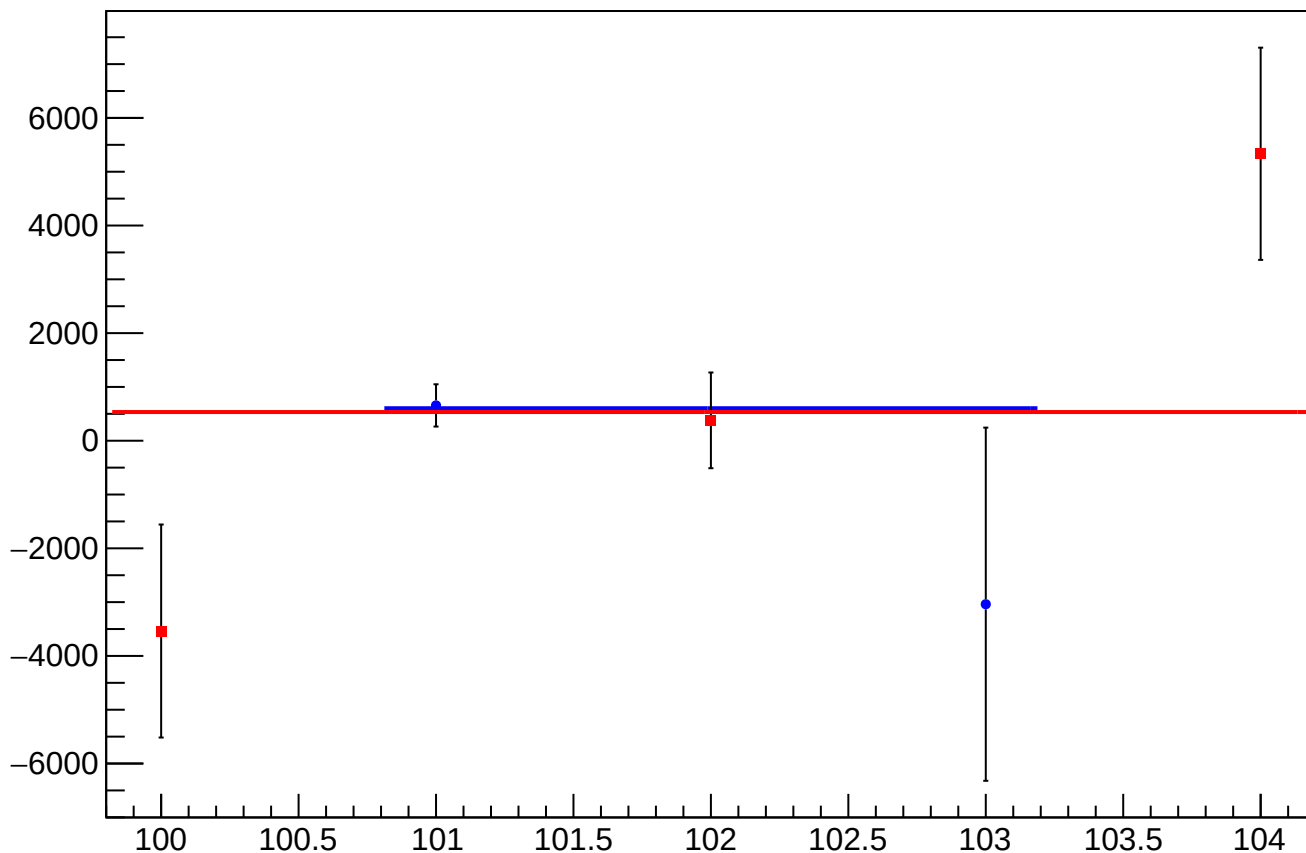
Right: 2180.326+/-1.090 χ^2/NDF : 665581.1/4

In: 2219.603+/-1.583 χ^2/NDF : 546784.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.326+/-1.090 χ^2/NDF : 665581.1/4

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: 533.458+/-750.310 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

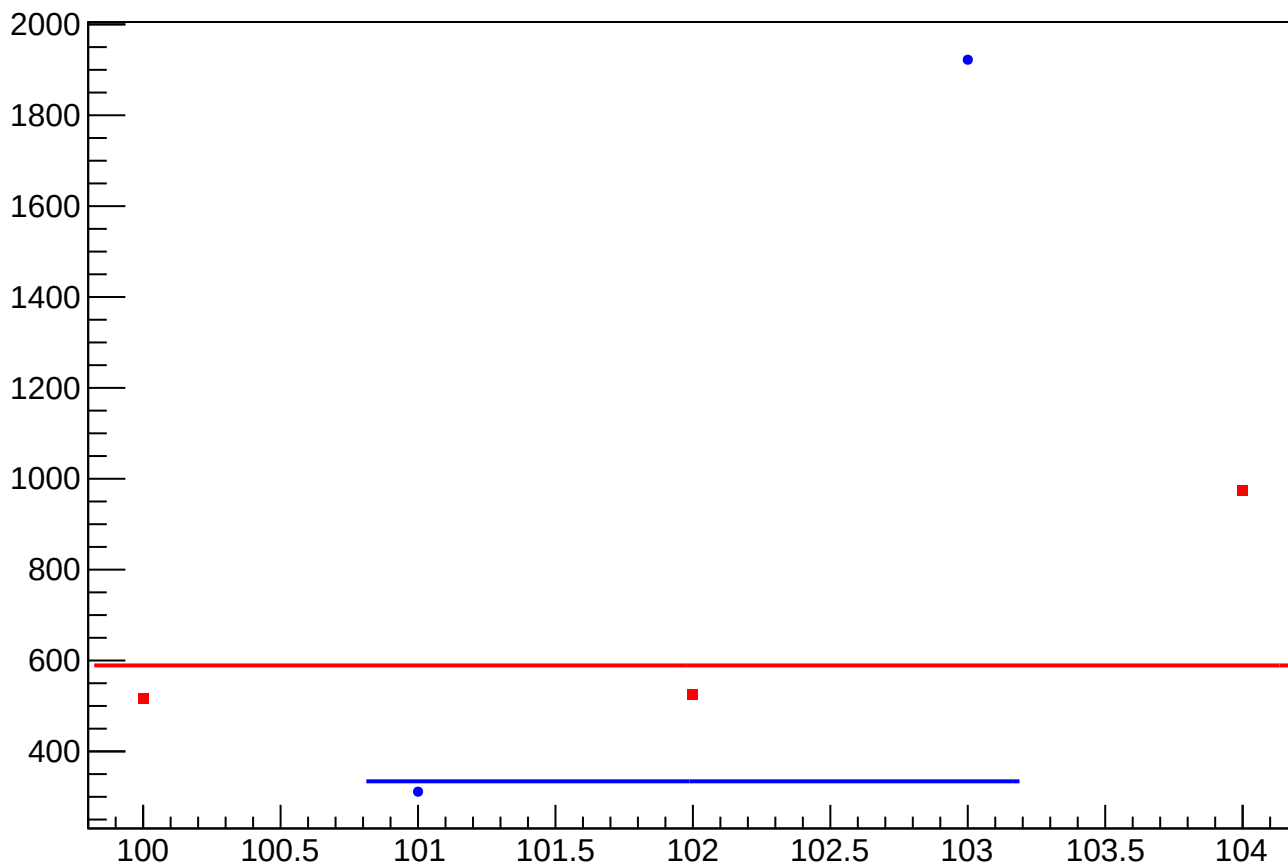
Right: 588.991+/-346.220 χ^2/NDF : 11.4/4

In: 604.014+/-390.250 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 588.991+/-346.220 χ^2/NDF : 11.4/4

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: 589.187 ± 0.531 χ^2/NDF : 89162.1/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

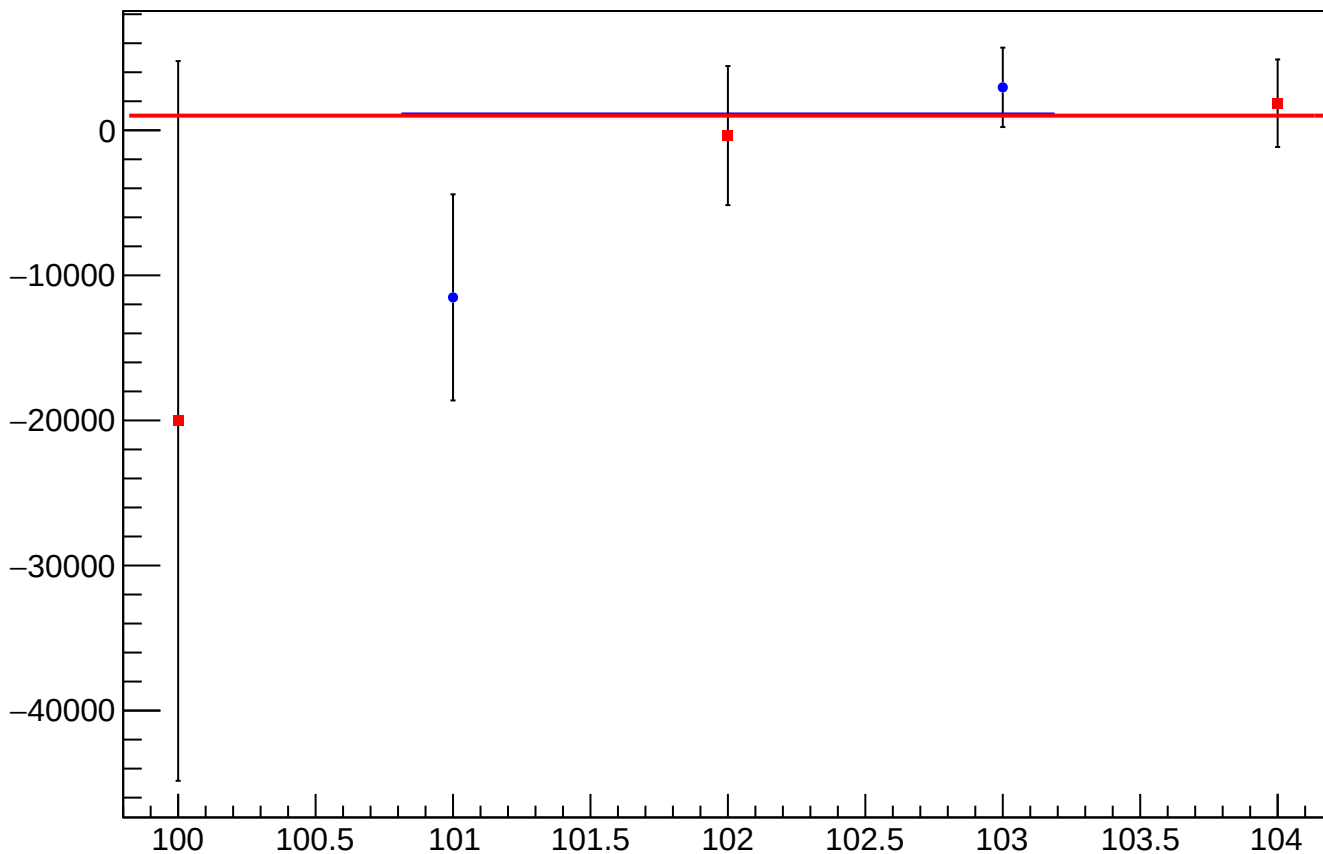
Right: 388.431 ± 0.245 χ^2/NDF : 746004.0/4

In: 334.122 ± 0.276 χ^2/NDF : 474926.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 388.431 ± 0.245 χ^2/NDF : 746004.0/4

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: 1009.938+/-2540.215 χ^2 /NDF: 0.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

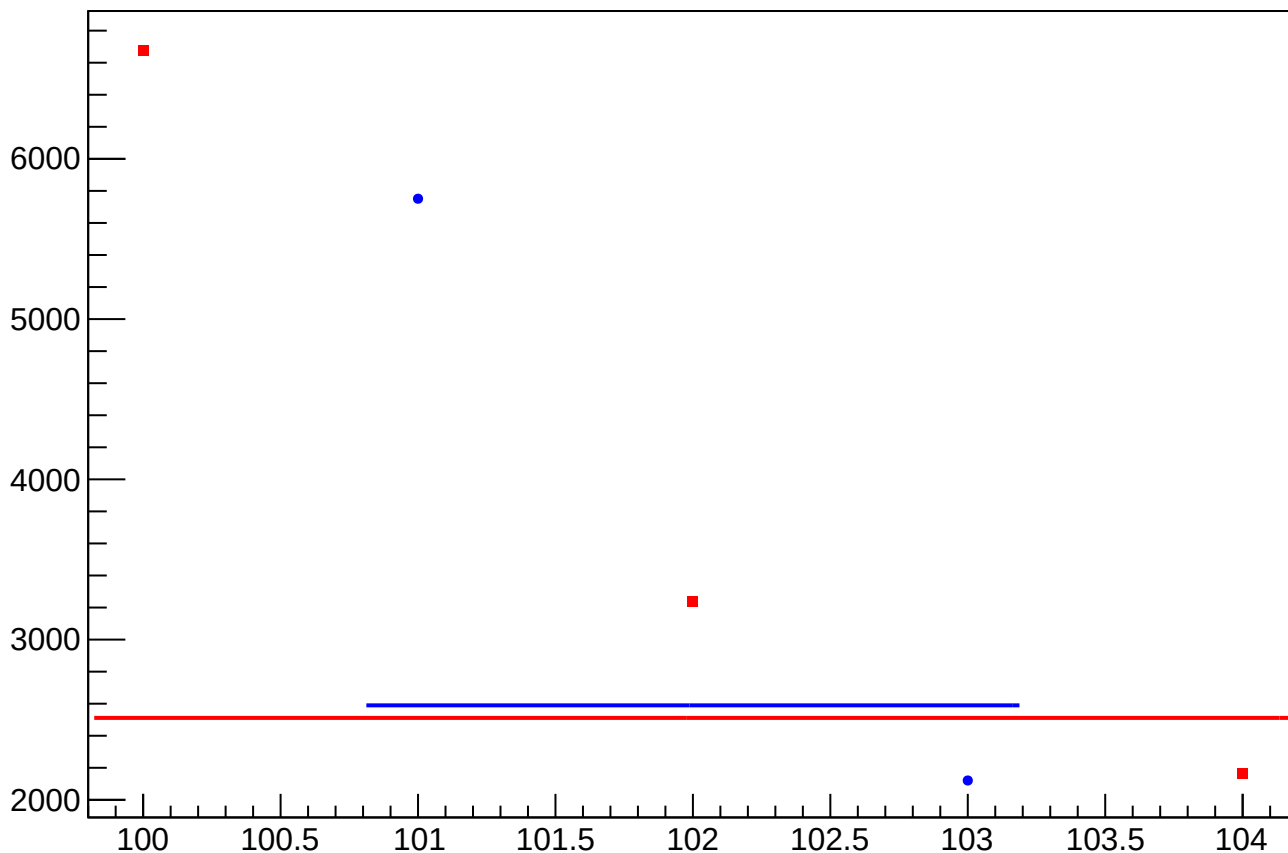
Right: 1049.150+/-1800.608 χ^2 /NDF: 4.5/4

In: 1088.750+/-2552.720 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1049.150+/-1800.608 χ^2 /NDF: 4.5/4

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2589.680+/-1.805 χ^2/NDF : 454967.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2511.420+/-1.796 χ^2/NDF : 129113.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

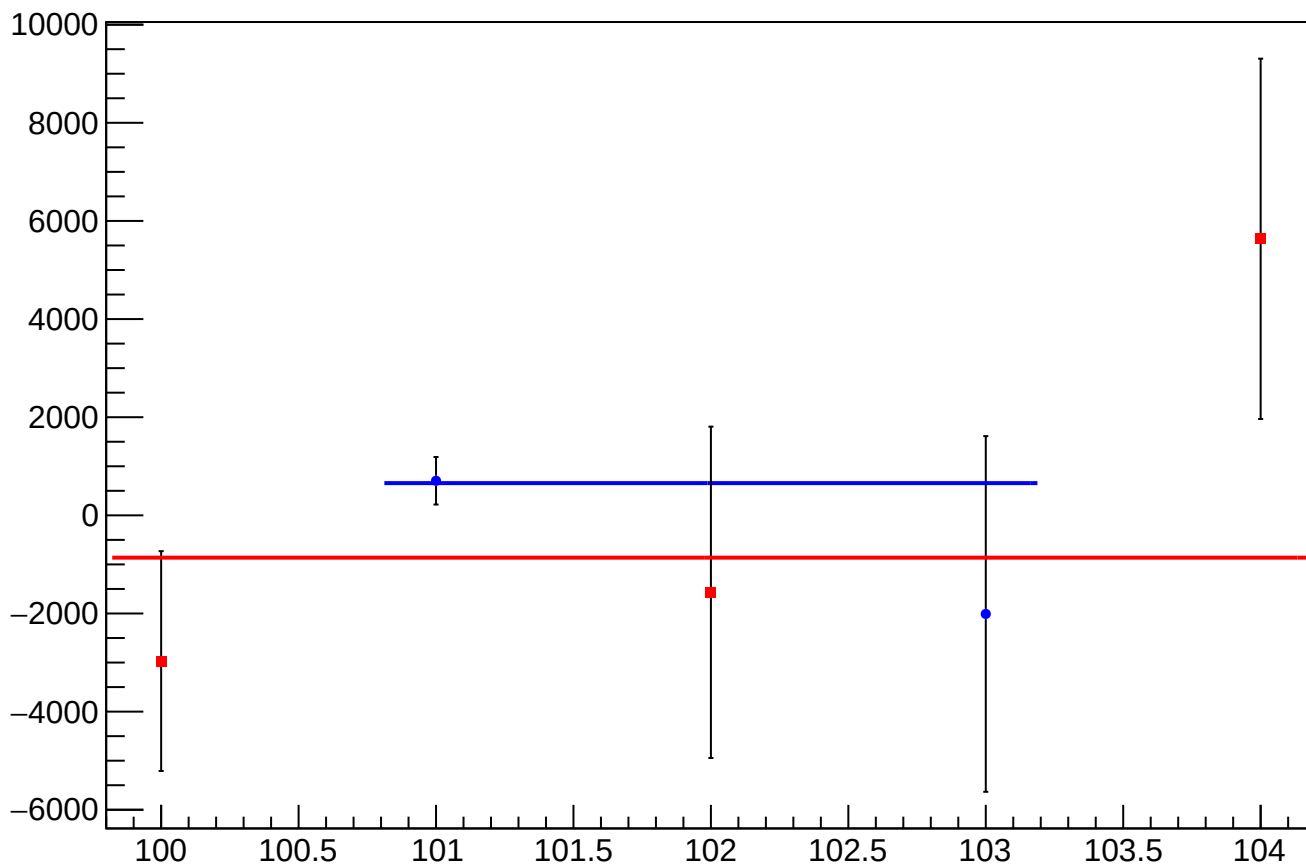
Right: 2550.357+/-1.273 χ^2/NDF : 585025.3/4

In: 2589.680+/-1.805 χ^2/NDF : 454967.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2550.357+/-1.273 χ^2/NDF : 585025.3/4

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 656.924 $\pm$ 479.988 χ^2/NDF : 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -861.964 $\pm$ 1663.963 χ^2/NDF : 4.1/2

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

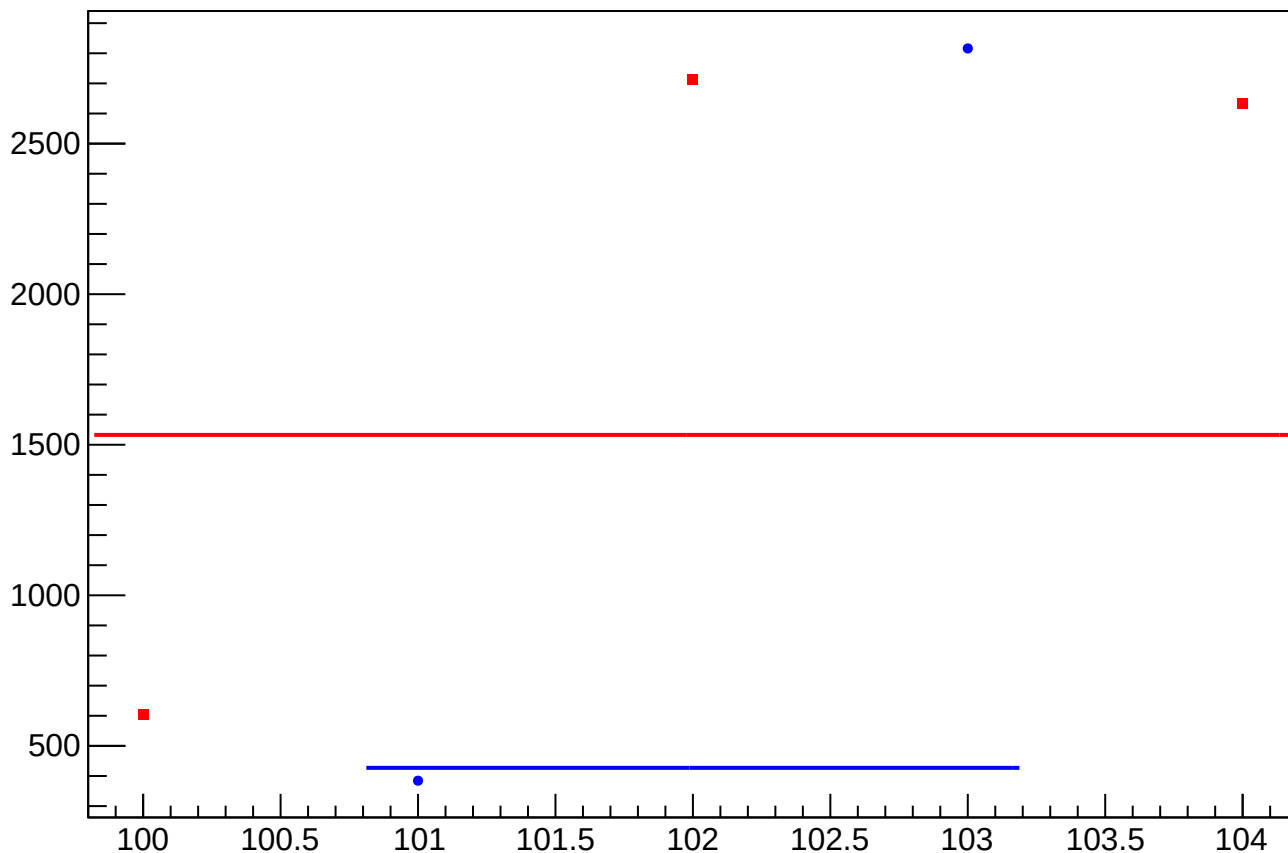
Right: 540.247 $\pm$ 461.184 χ^2/NDF : 5.4/4

In: 656.924 $\pm$ 479.988 χ^2/NDF : 0.6/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 540.247 $\pm$ 461.184 χ^2/NDF : 5.4/4

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: 1532.686+/-1.177 χ^2/NDF : 768990.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

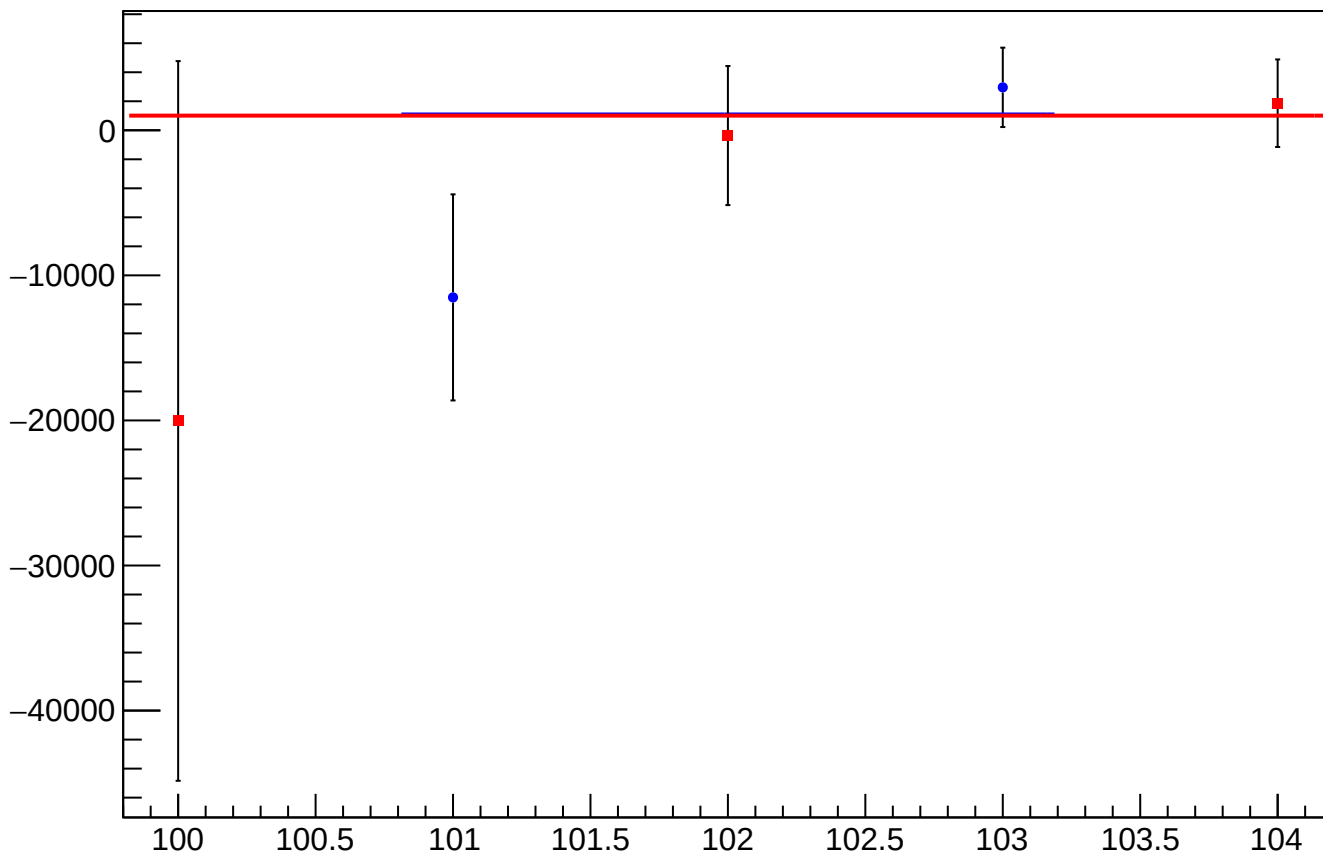
Right: 511.967+/-0.326 χ^2/NDF : 2468727.4/4

In: 427.033+/-0.339 χ^2/NDF : 884530.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.967+/-0.326 χ^2/NDF : 2468727.4/4

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: 1009.945+/-2540.213 χ^2 /NDF: 0.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

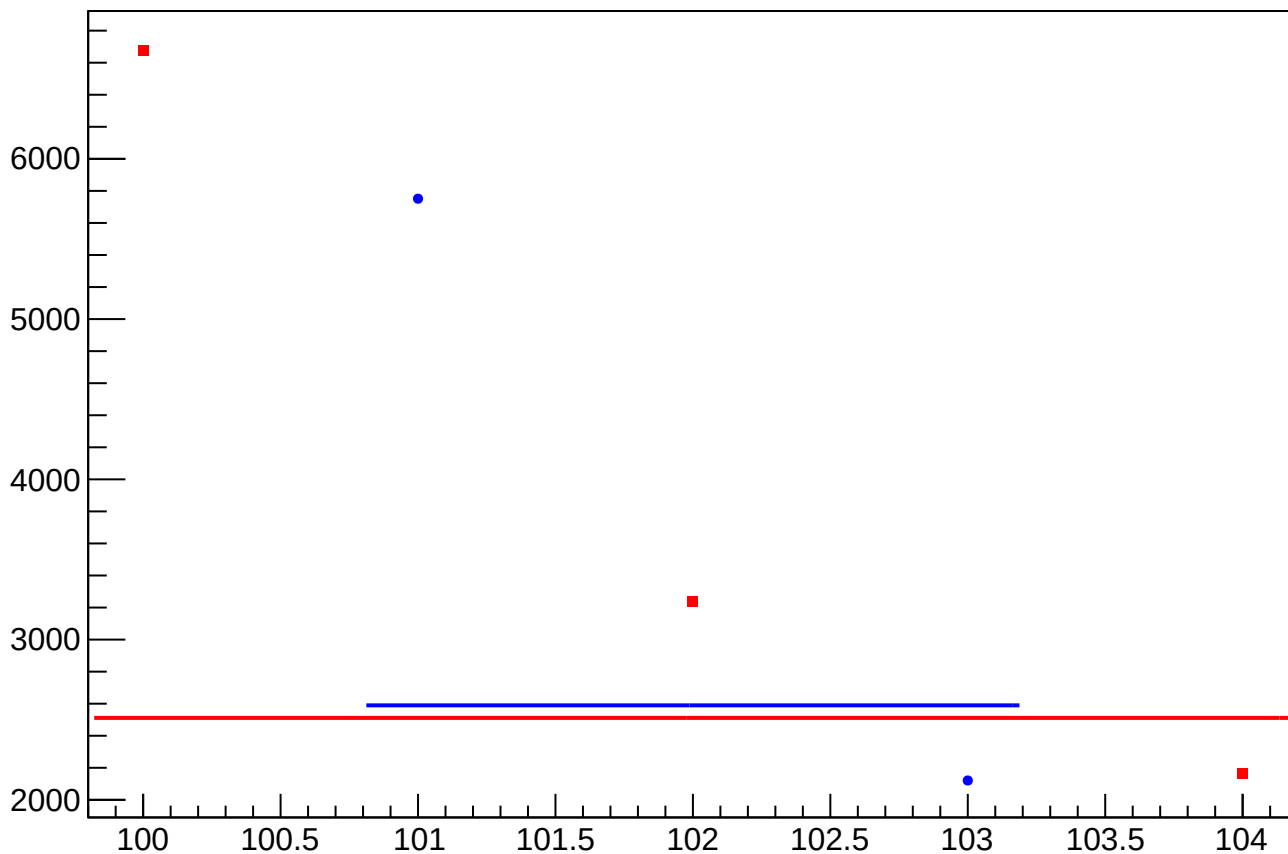
Right: 1049.157+/-1800.606 χ^2 /NDF: 4.5/4

In: 1088.757+/-2552.718 χ^2 /NDF:3.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1049.157+/-1800.606 χ^2 /NDF: 4.5/4

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: 2511.418+/-1.796 χ^2/NDF : 129113.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

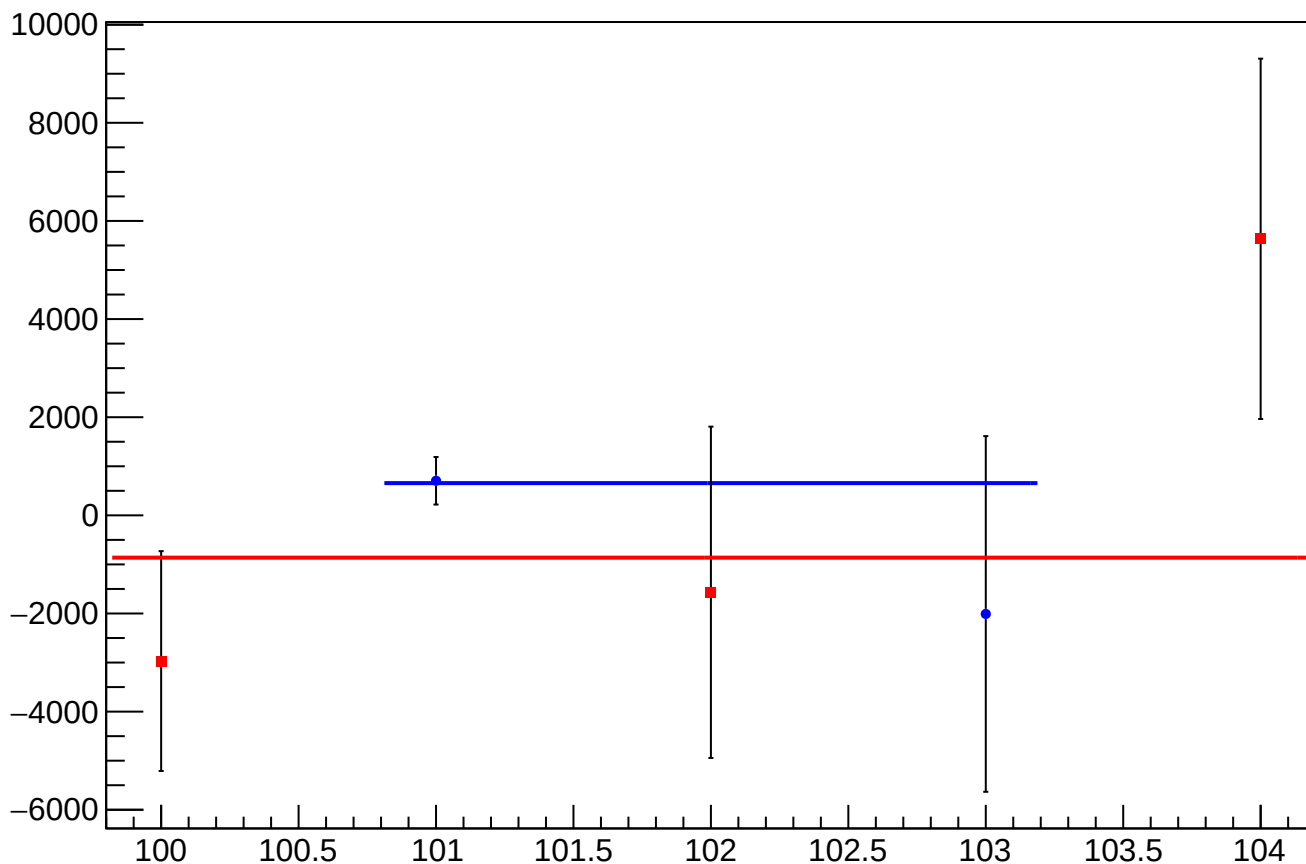
Right: 2550.354+/-1.273 χ^2/NDF : 585026.0/4

In: 2589.677+/-1.805 χ^2/NDF : 454968.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2550.354+/-1.273 χ^2/NDF : 585026.0/4

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: -861.963+/-1663.964 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

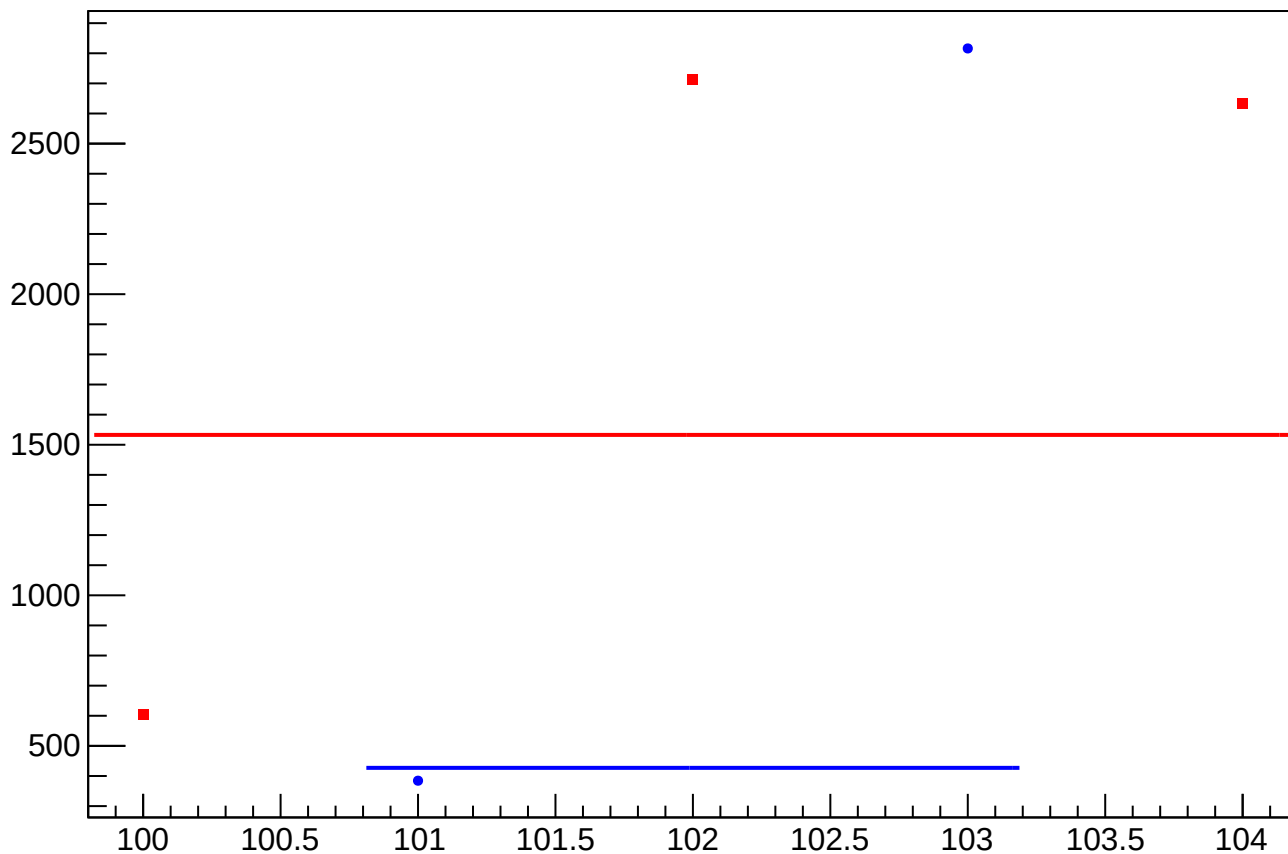
Right: 540.247+/-461.184 χ^2/NDF : 5.4/4

In: 656.925+/-479.988 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.247+/-461.184 χ^2/NDF : 5.4/4

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: 1532.687+/-1.177 χ^2/NDF : 768990.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

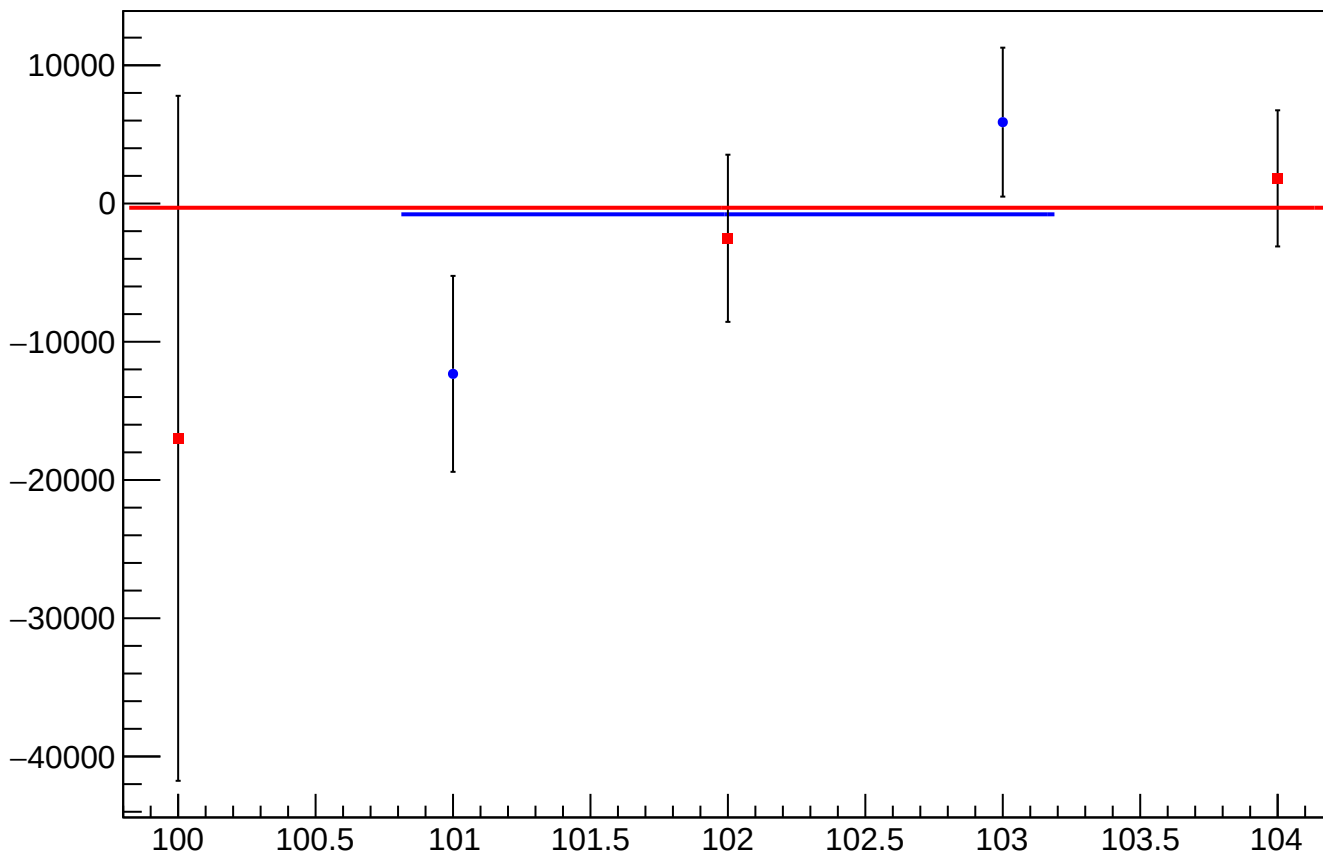
Right: 511.967+/-0.326 χ^2/NDF : 2468727.7/4

In: 427.033+/-0.339 χ^2/NDF : 884530.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.967+/-0.326 χ^2/NDF : 2468727.7/4

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: -305.518+/-3773.753 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

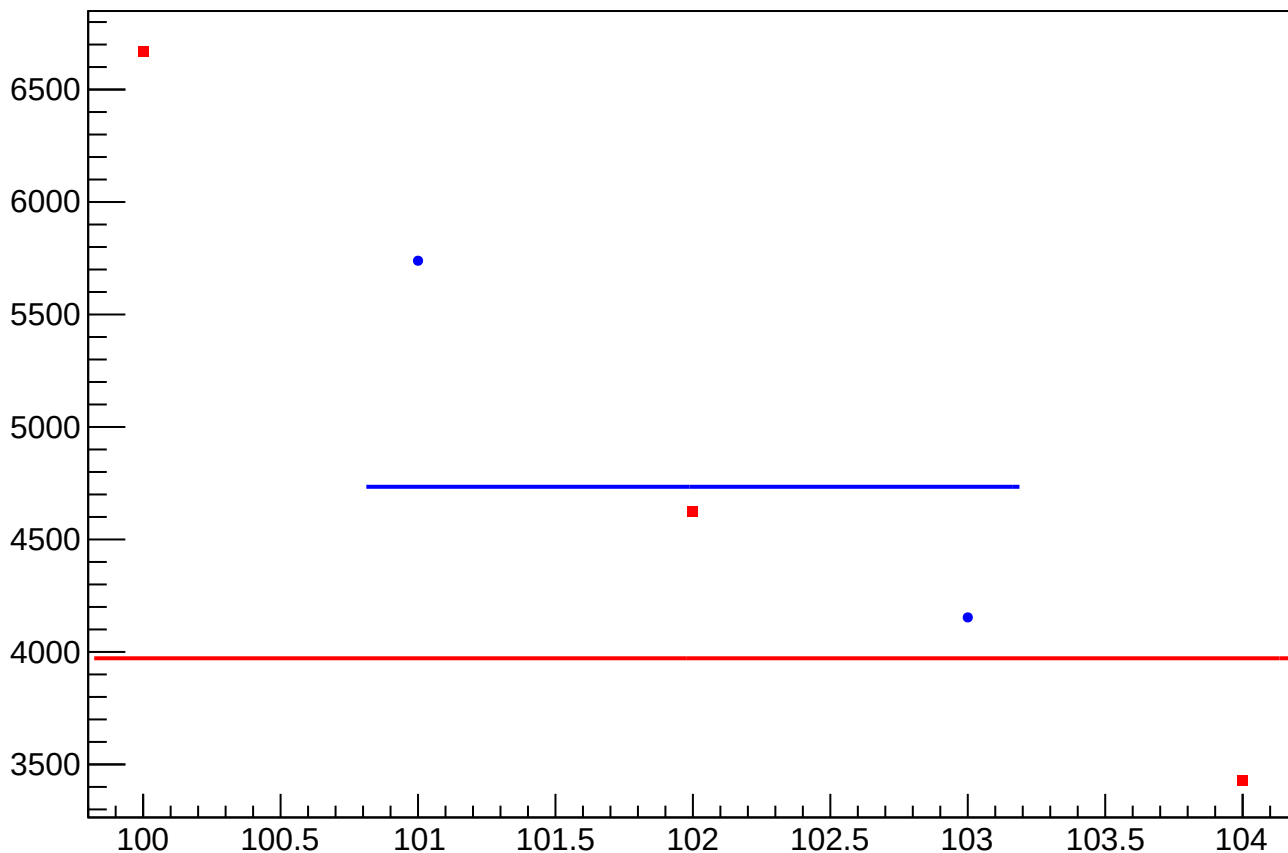
Right: -512.936+/-2833.112 χ^2/NDF : 5.0/4

In: -780.824+/-4288.720 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.936+/-2833.112 χ^2/NDF : 5.0/4

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: 3971.797+/-2.668 χ^2/NDF : 71300.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

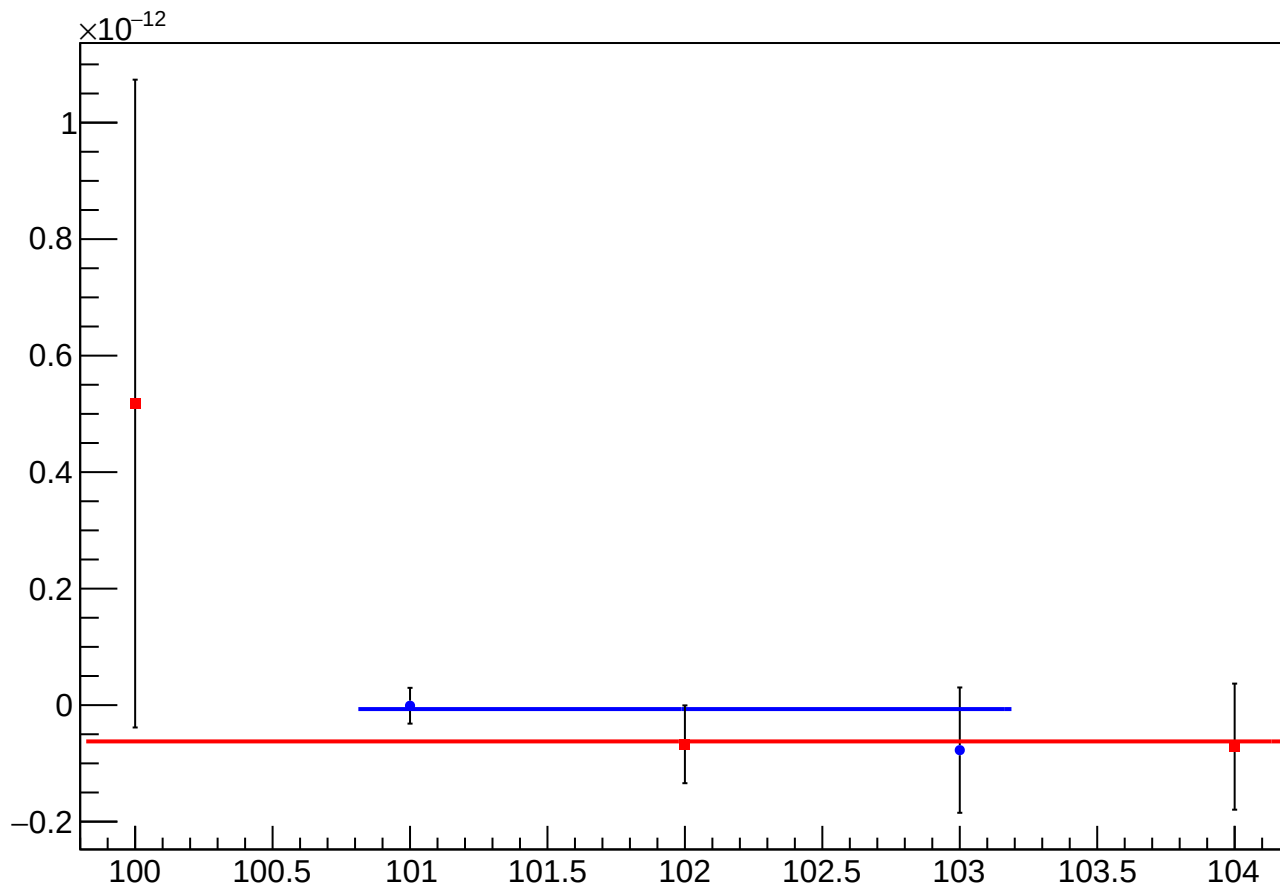
Right: 4304.452+/-2.003 χ^2/NDF : 170359.3/4

In: 4734.151+/-3.033 χ^2/NDF : 63438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4304.452+/-2.003 χ^2/NDF : 170359.3/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

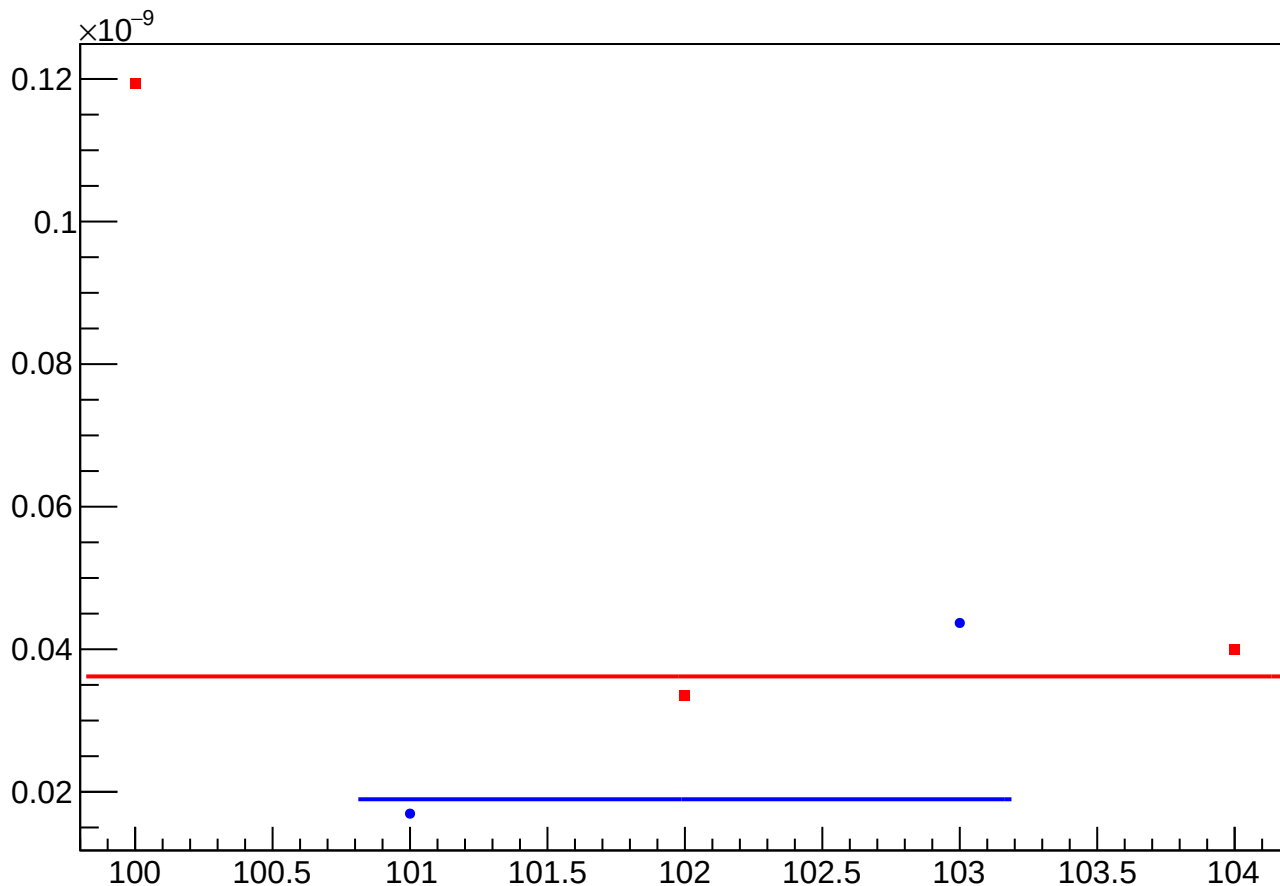
Right: -0.000+/-0.000 χ^2/NDF : 2.3/4

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 : 2.3/4

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 : 50450.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

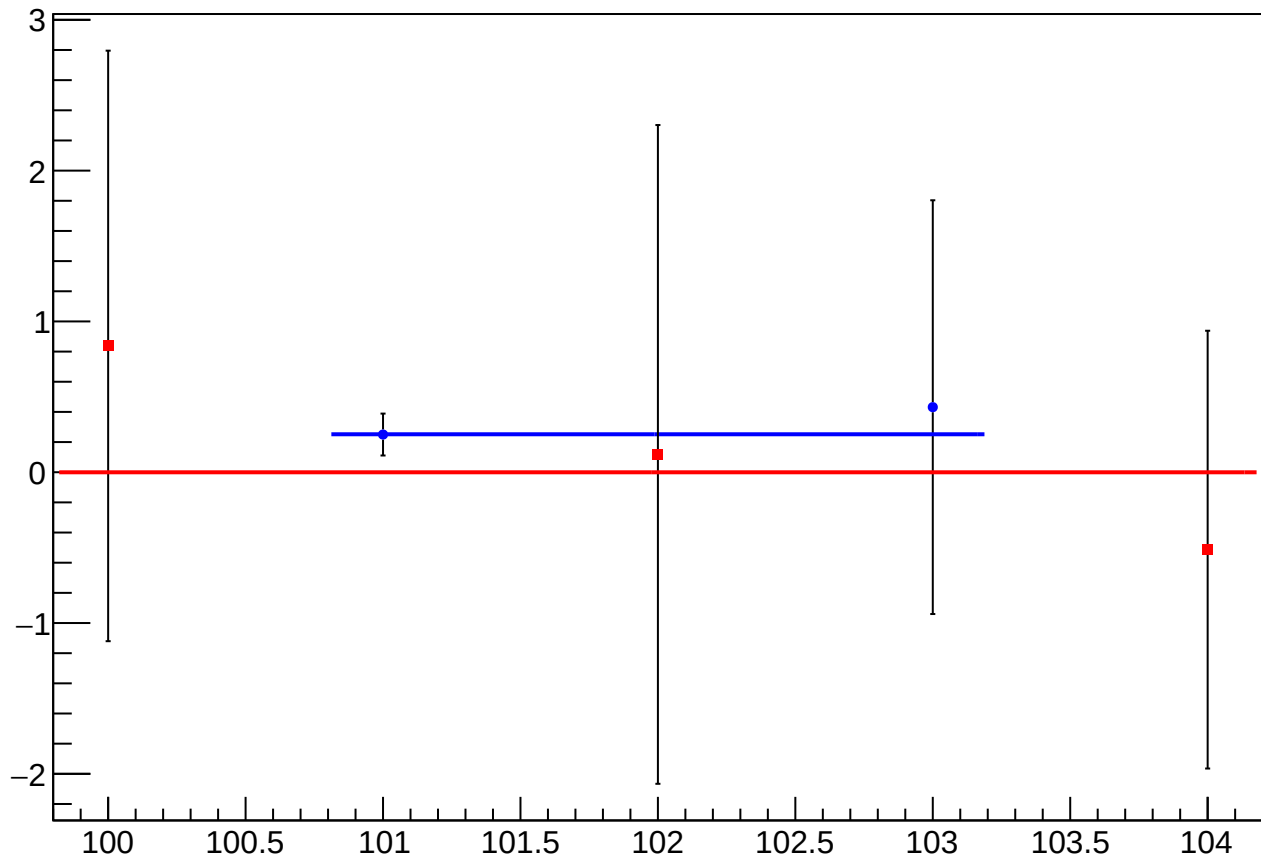
Right: 0.000+/-0.000 χ^2/NDF : 310768.1/4

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 : 310768.1/4

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.252+/-0.138 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-1.029 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

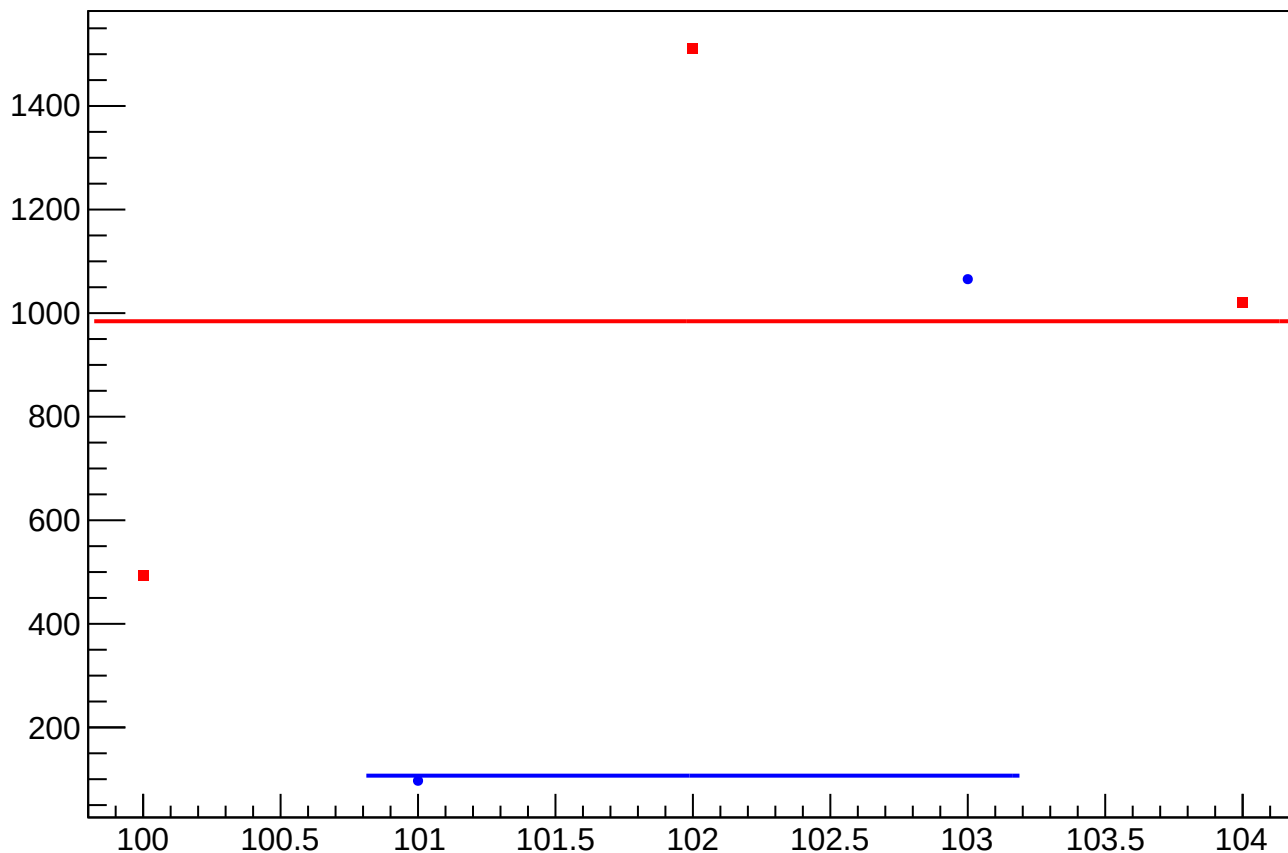
Right: 0.247+/-0.137 χ^2/NDF : 0.4/4

In: 0.252+/-0.138 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.247+/-0.137 χ^2/NDF : 0.4/4

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 984.338 $\pm$ 0.727 χ^2 /NDF: 243228.6/2

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

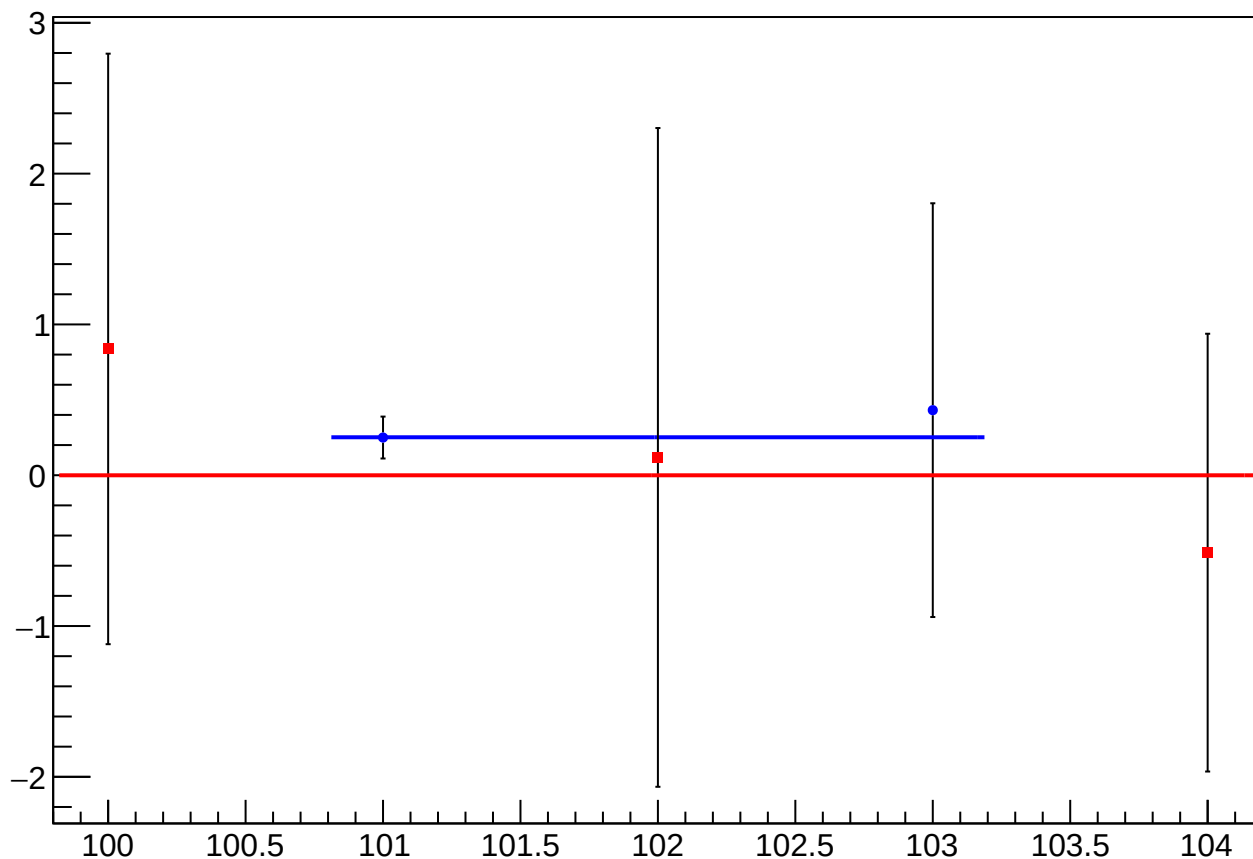
Right: 122.394 $\pm$ 0.097 χ^2 /NDF: 2659711.5/4

In: 106.831 $\pm$ 0.098 χ^2 /NDF: 986853.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.394 $\pm$ 0.097 χ^2 /NDF: 2659711.5/4

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: -0.000 $\pm$ 1.029 χ^2 /NDF: 0.3/2

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

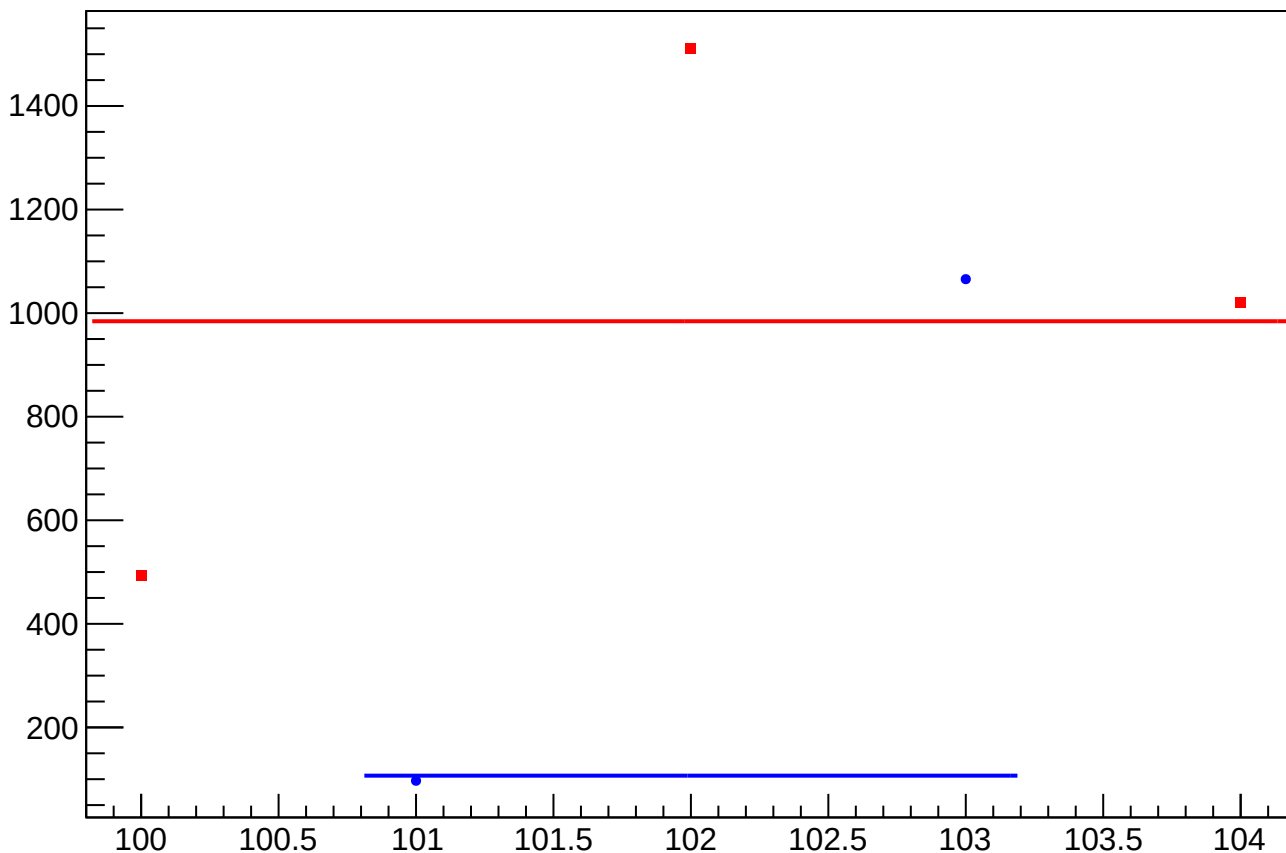
Right: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 984.338+/-0.727 χ^2/NDF : 243228.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

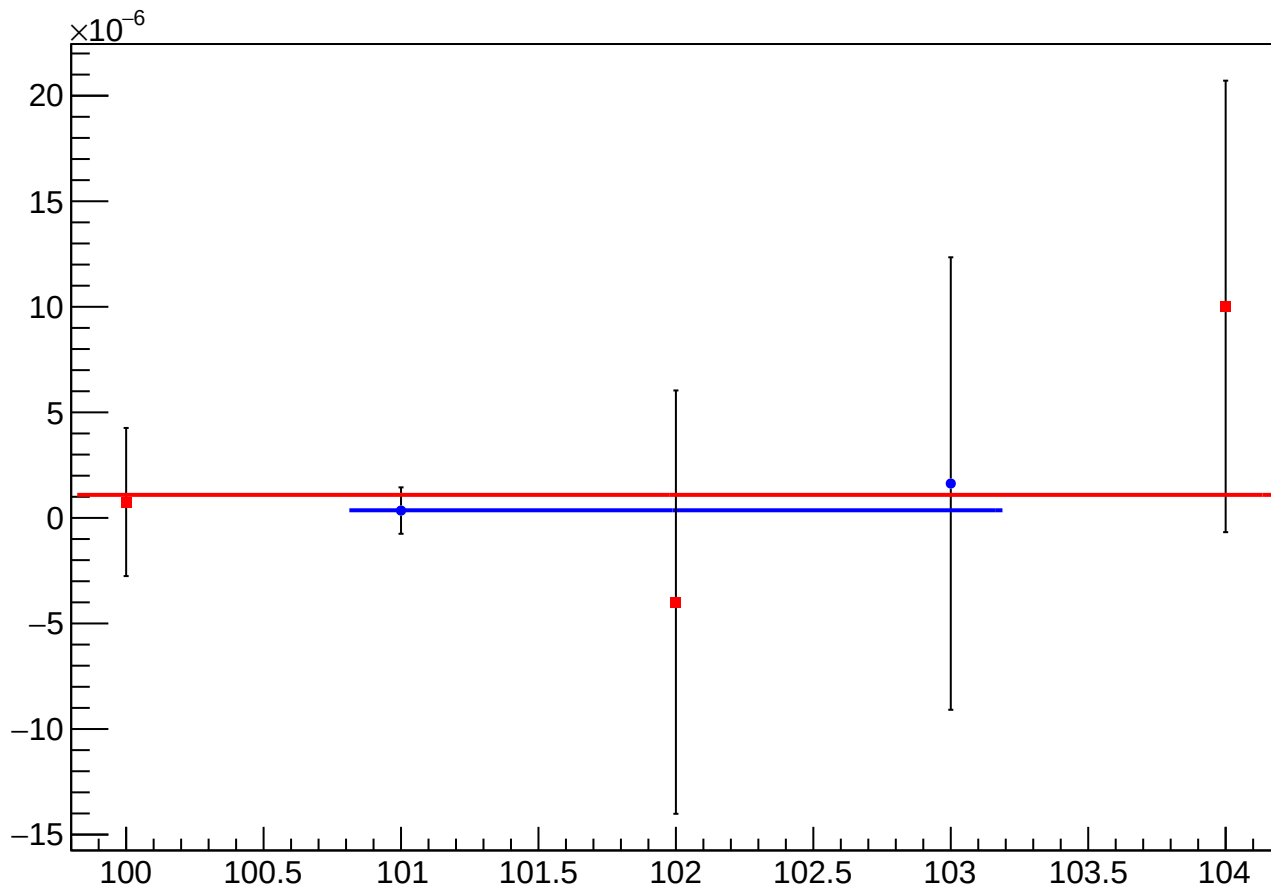
Right: 122.394+/-0.097 χ^2/NDF : 2659711.5/4

In: 106.831+/-0.098 χ^2/NDF : 986853.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.394+/-0.097 χ^2/NDF : 2659711.5/4

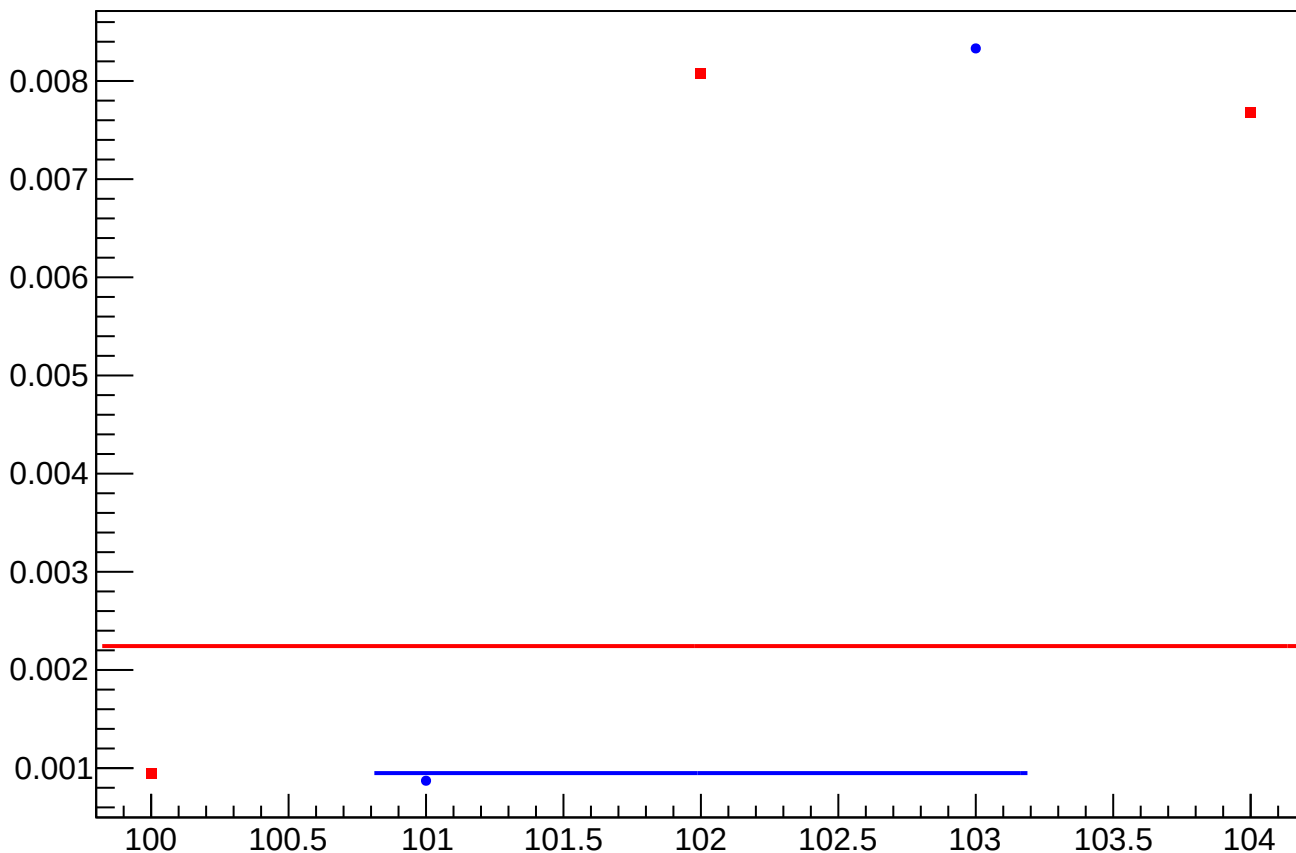
asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 1.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.0/4
 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 : 1.0/4

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: 0.002+/-0.000 χ^2/NDF : 1467603.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

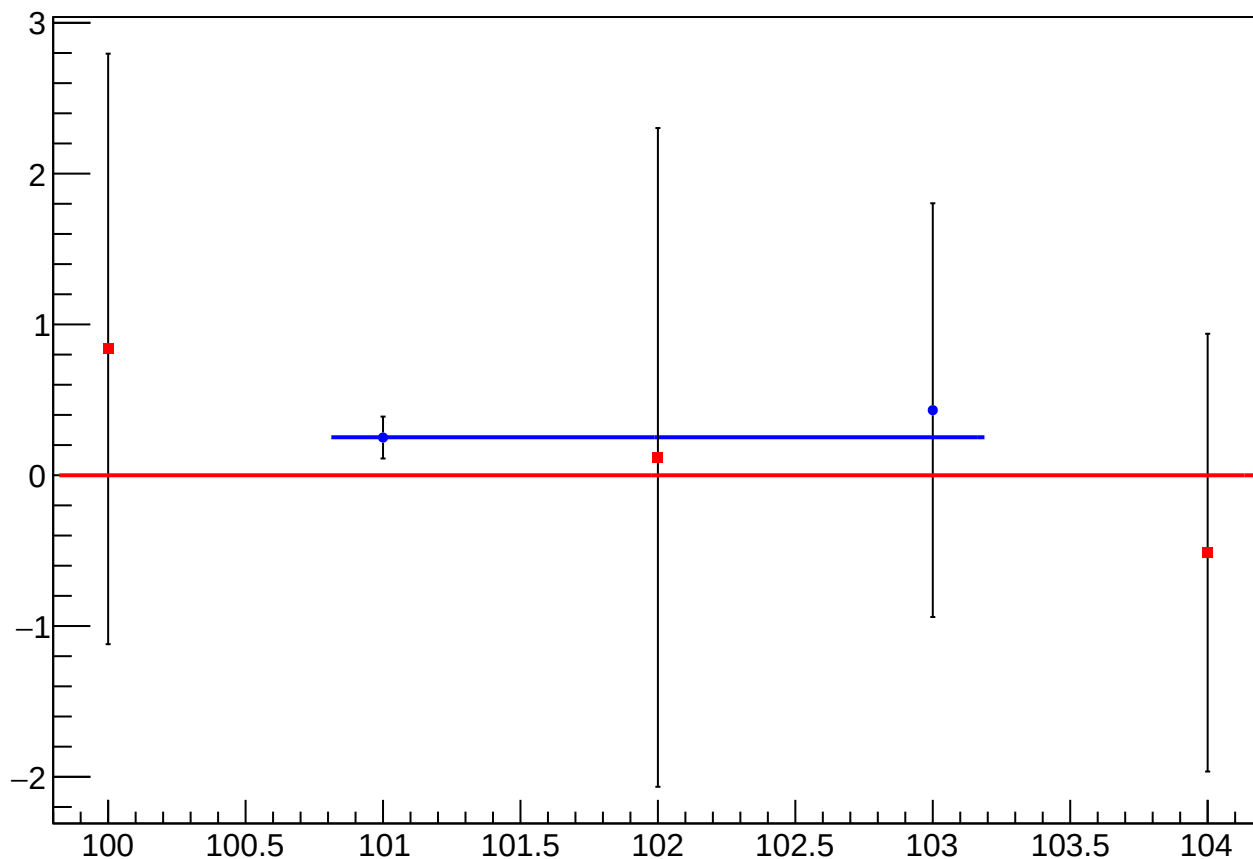
Right: 0.001+/-0.000 χ^2/NDF : 2725531.5/4

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 : 2725531.5/4

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: -0.000 $\pm$ 1.029 χ^2 /NDF: 0.3/2

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

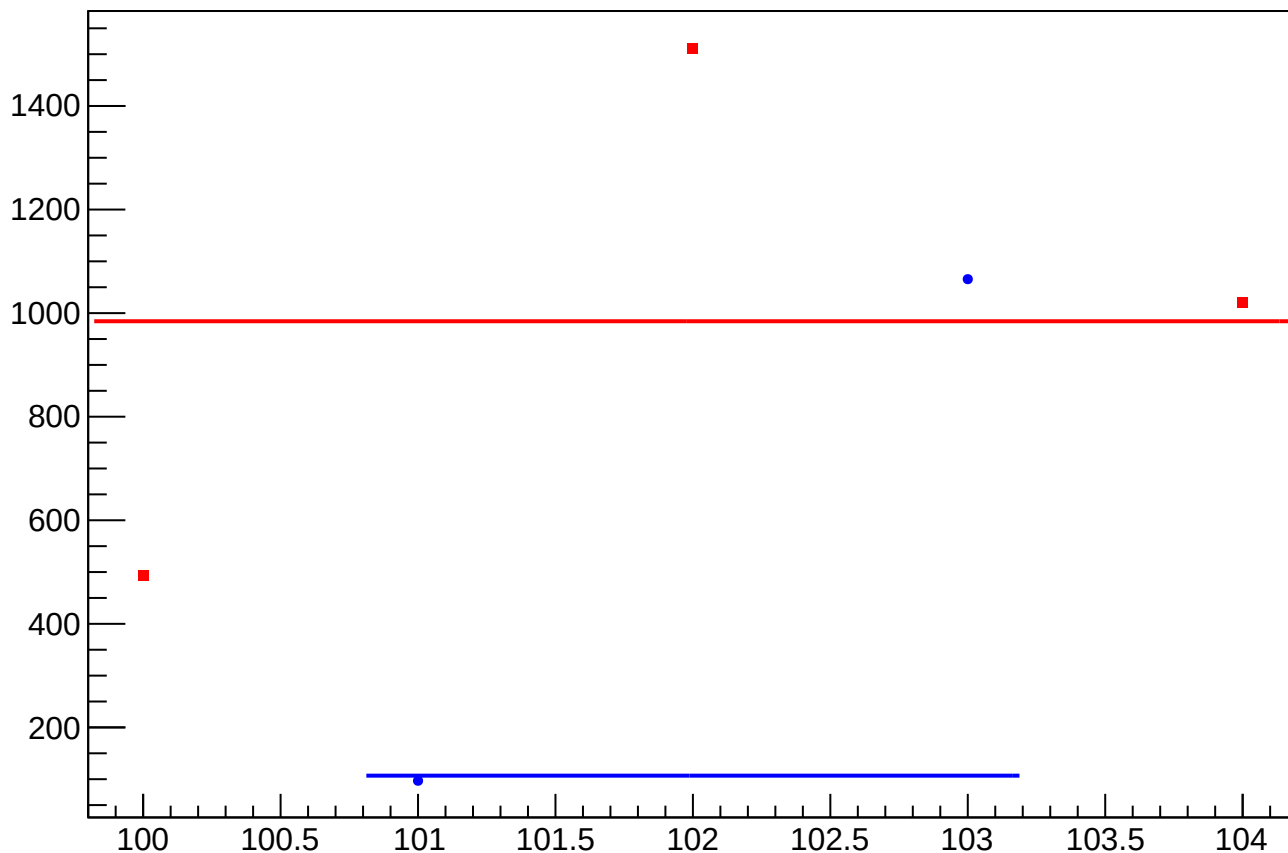
Right: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 984.336+/-0.727 χ^2/NDF : 243225.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

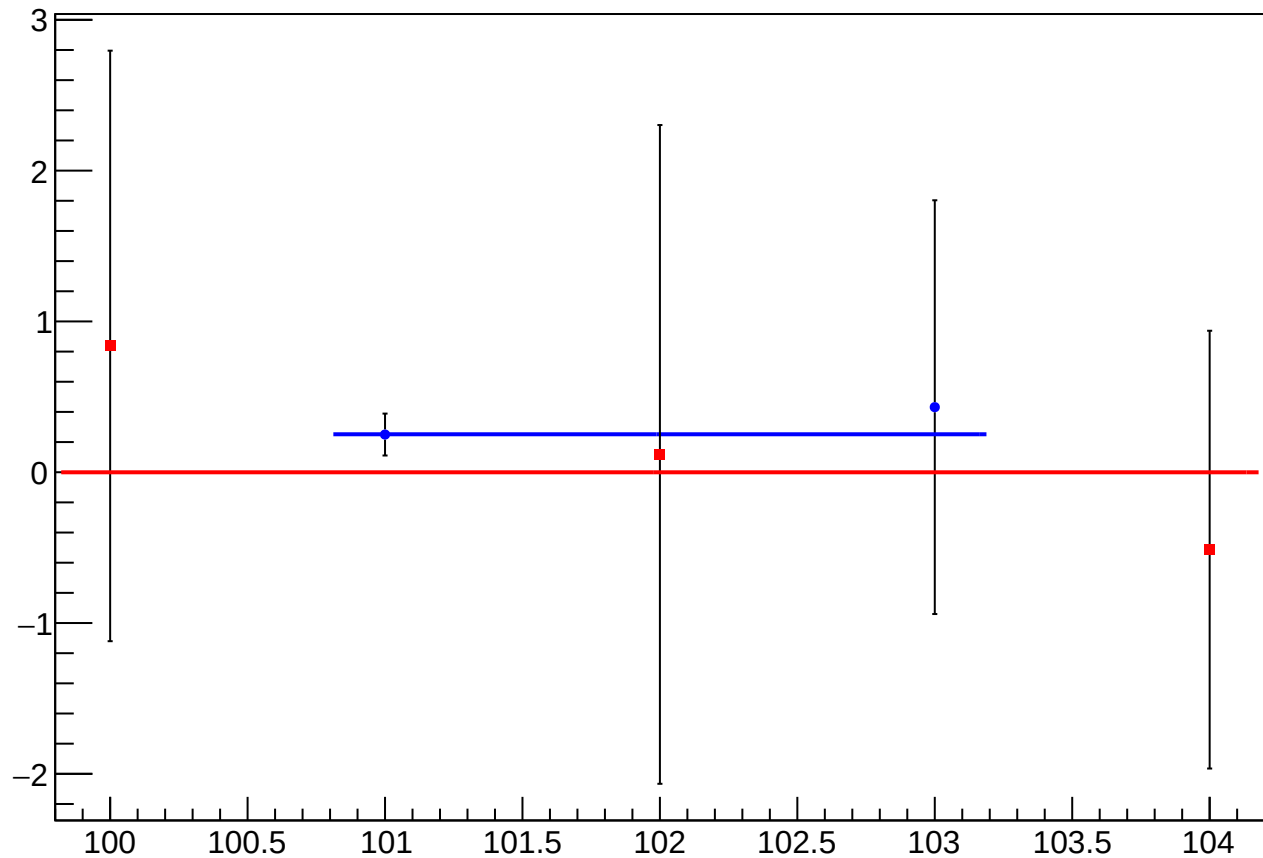
Right: 122.393+/-0.097 χ^2/NDF : 2659709.8/4

In: 106.831+/-0.098 χ^2/NDF : 986853.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.393+/-0.097 χ^2/NDF : 2659709.8/4

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: -0.000 $\pm$ 1.029 χ^2 /NDF: 0.3/2

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

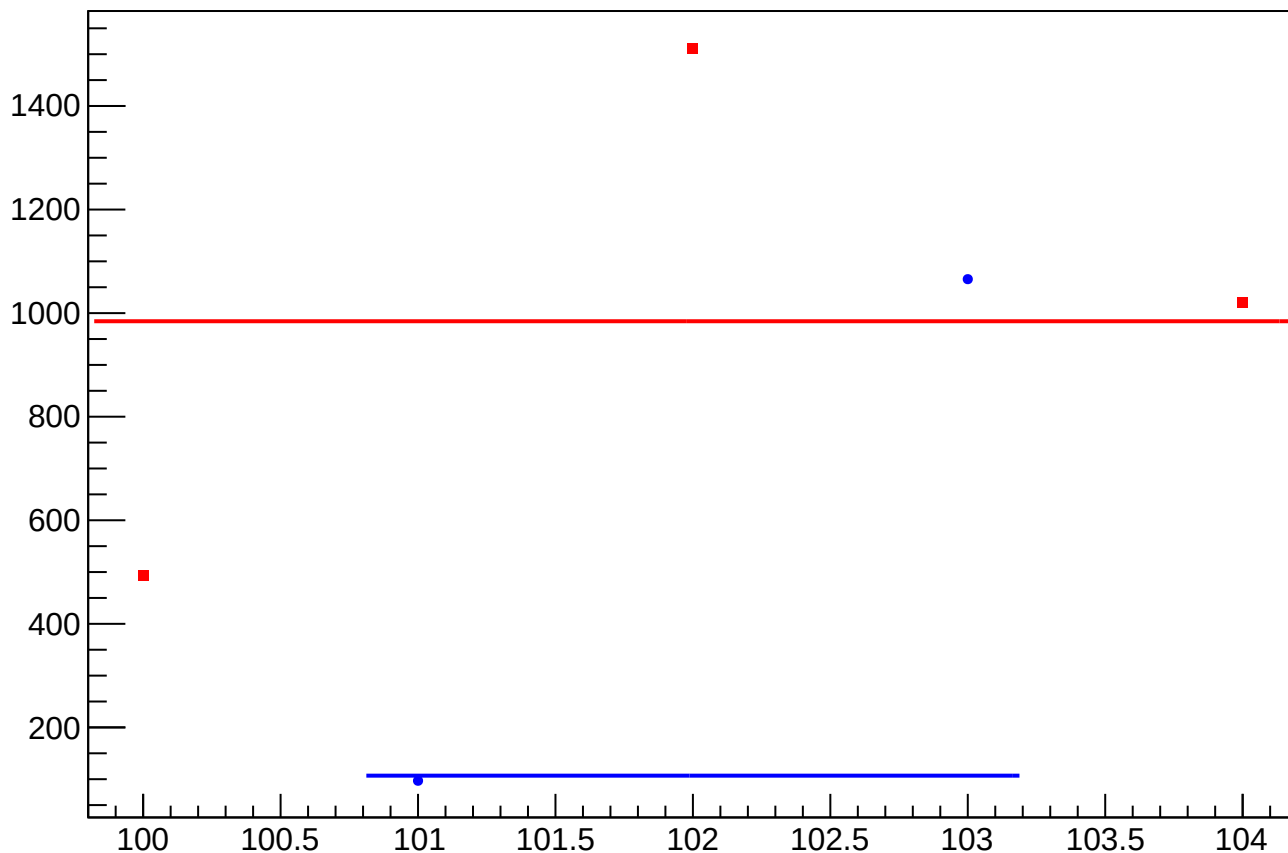
Right: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 0.247 $\pm$ 0.137 χ^2 /NDF: 0.4/4

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: 984.336 ± 0.727 χ^2/NDF : 243225.8/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

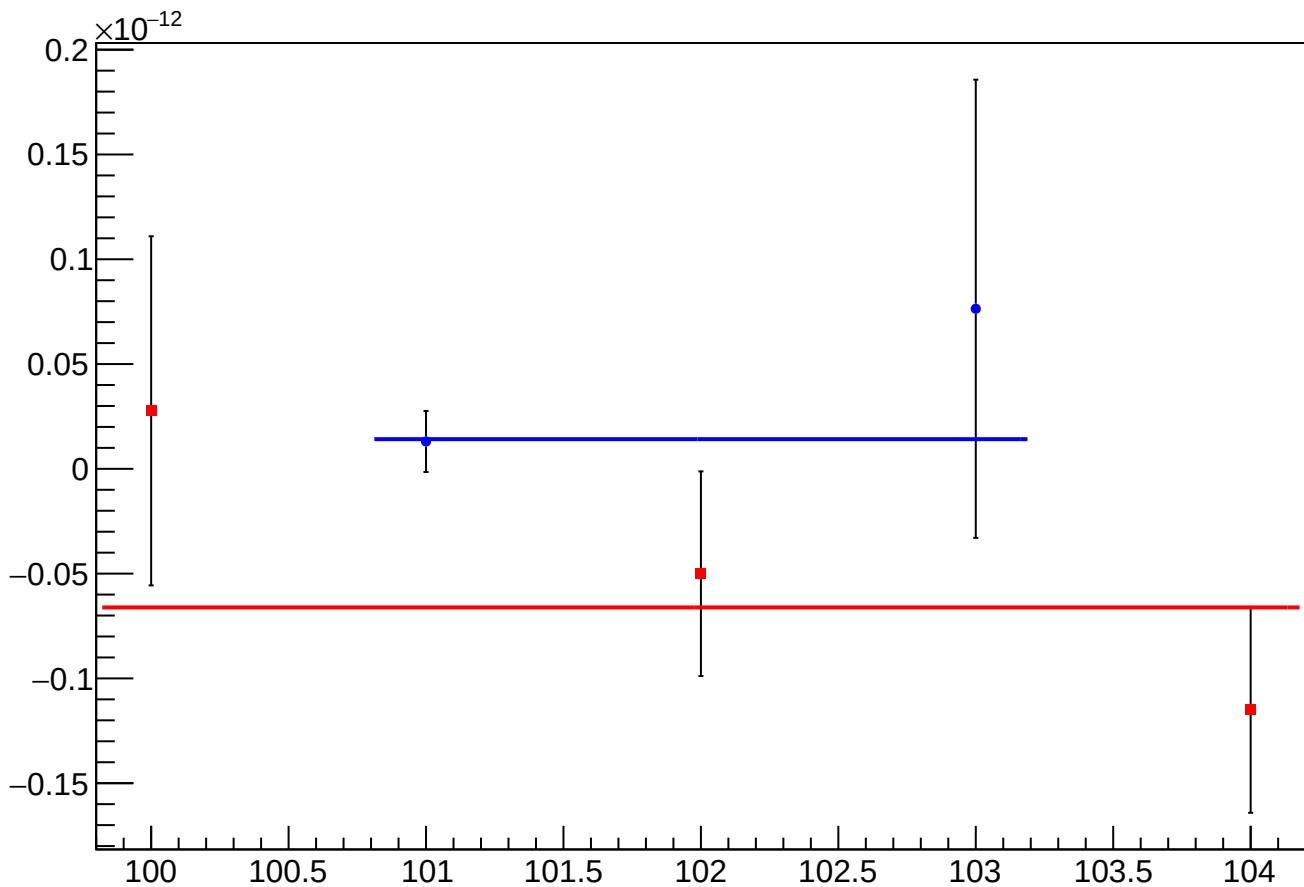
Right: 122.393 ± 0.097 χ^2/NDF : 2659709.8/4

In: 106.831 ± 0.098 χ^2/NDF : 986853.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 122.393 ± 0.097 χ^2/NDF : 2659709.8/4

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 : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

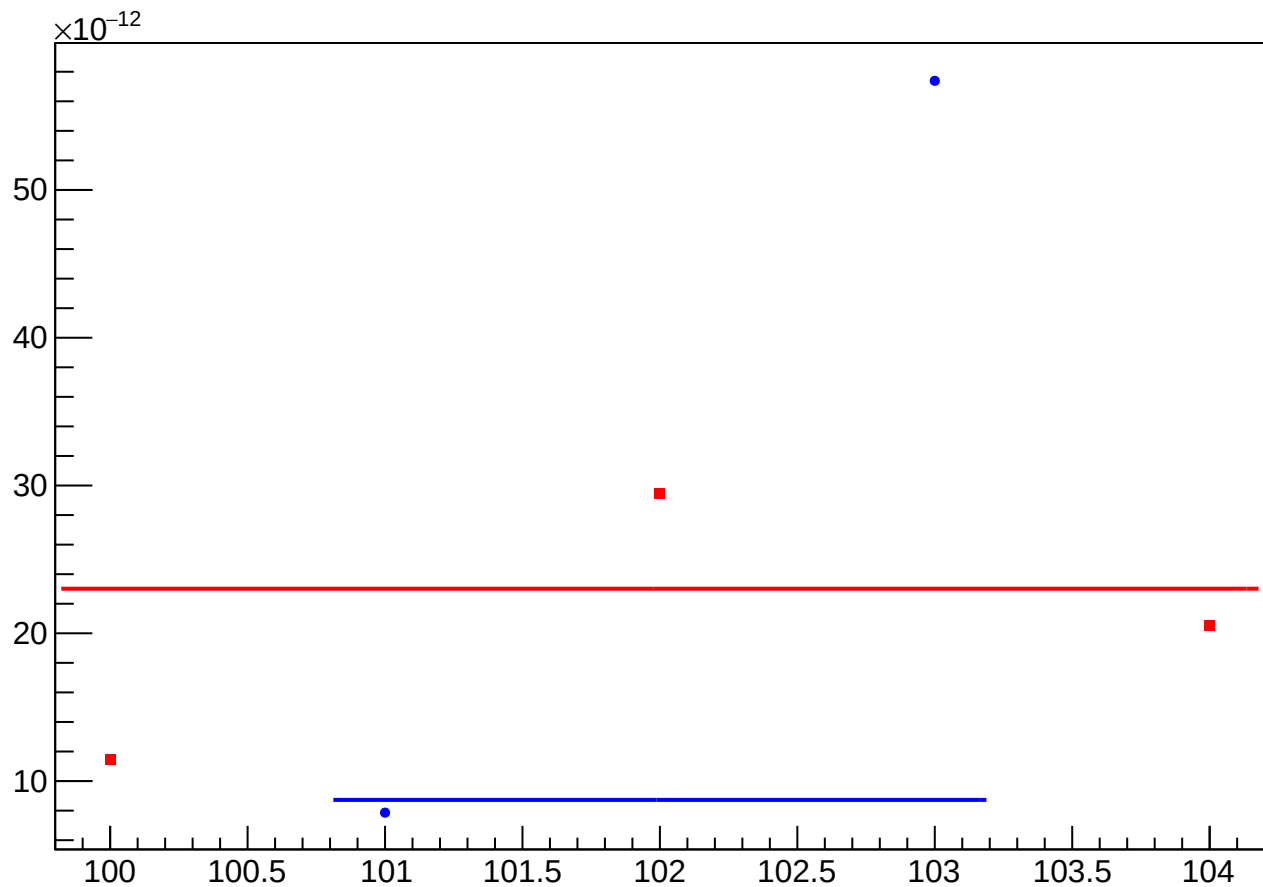
Right: 0.000+/-0.000 χ^2/NDF : 7.9/4

In: 0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/4

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 : 78380.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

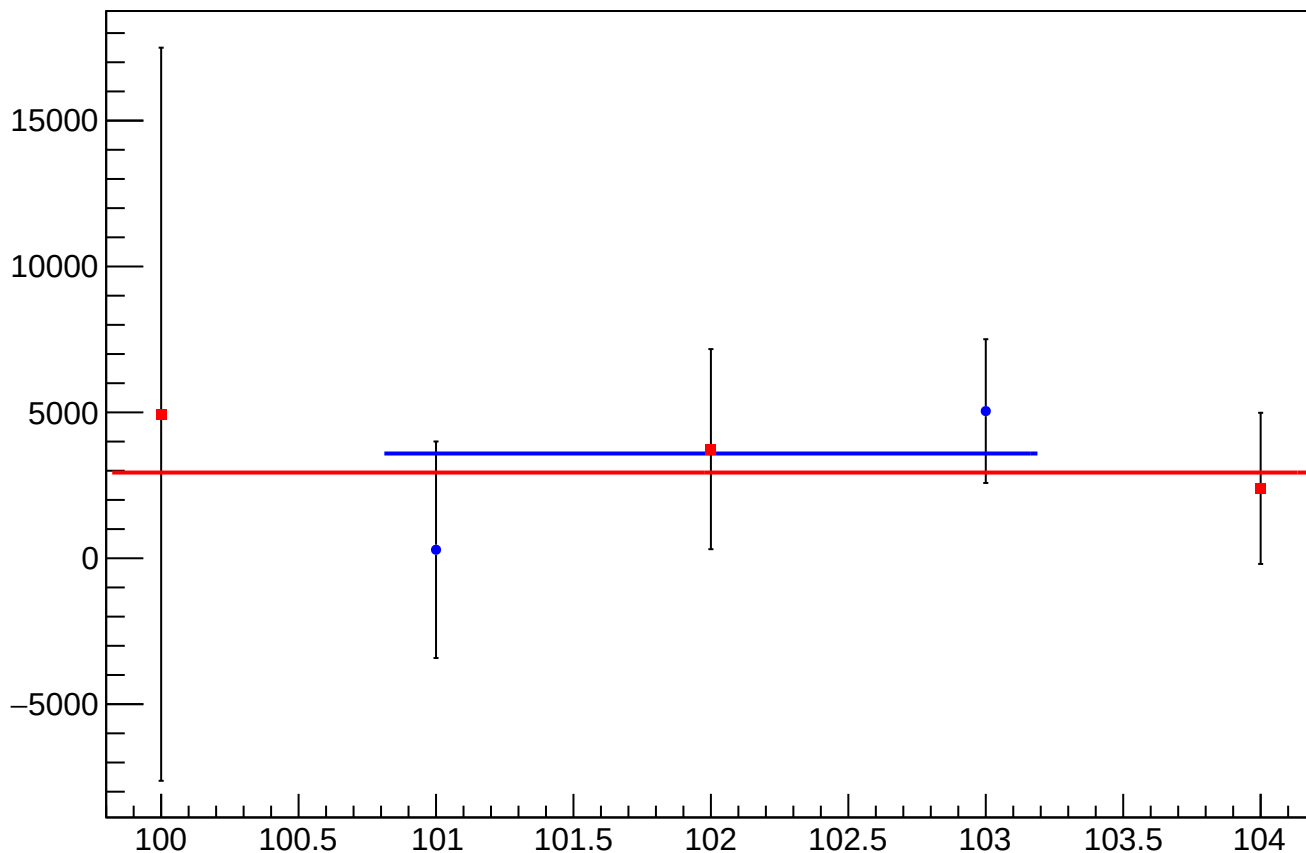
Right: 0.000+/-0.000 χ^2/NDF : 813545.0/4

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 : 813545.0/4

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: 2938.443+/-2039.630 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

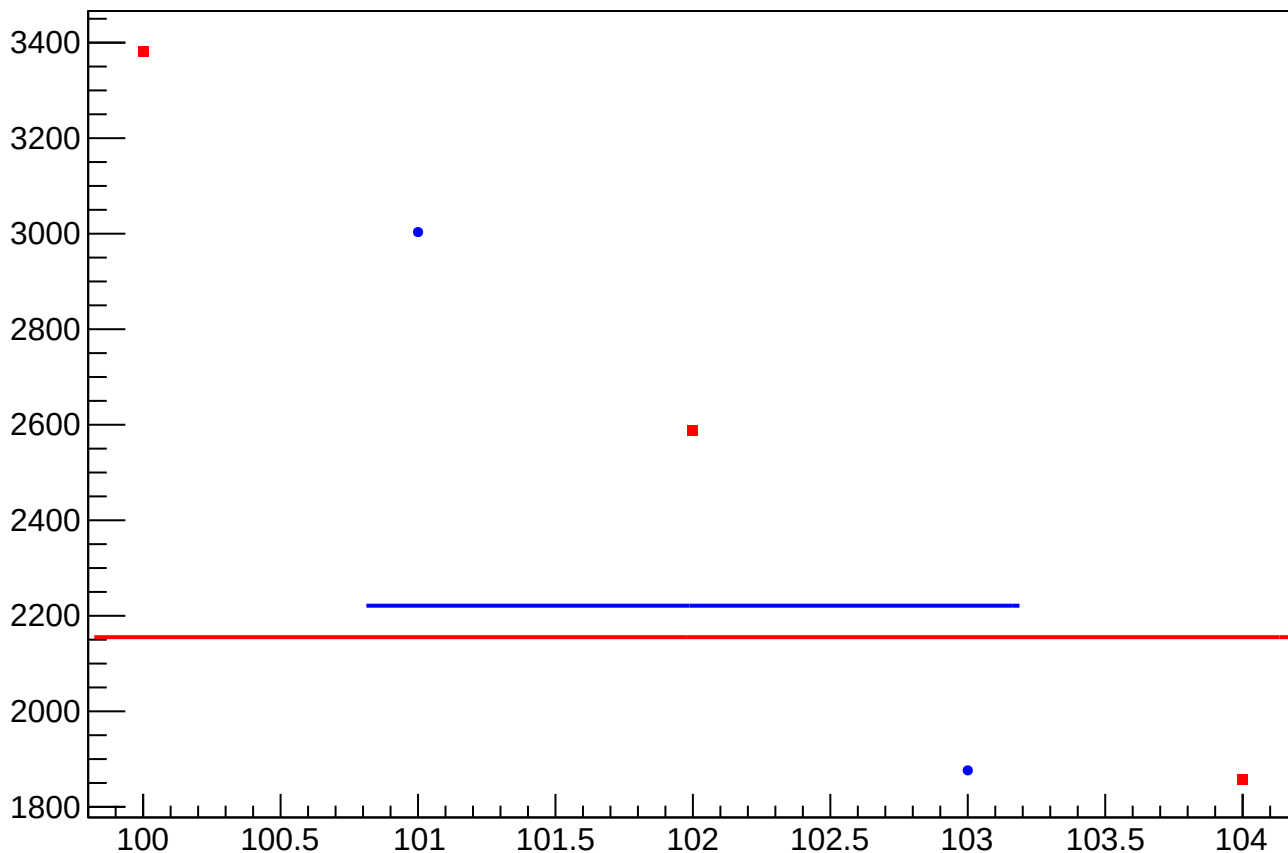
Right: 3262.494+/-1446.779 χ^2/NDF : 1.3/4

In: 3590.659+/-2052.540 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.494+/-1446.779 χ^2/NDF : 1.3/4

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: 2155.253+/-1.442 χ^2/NDF : 77426.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

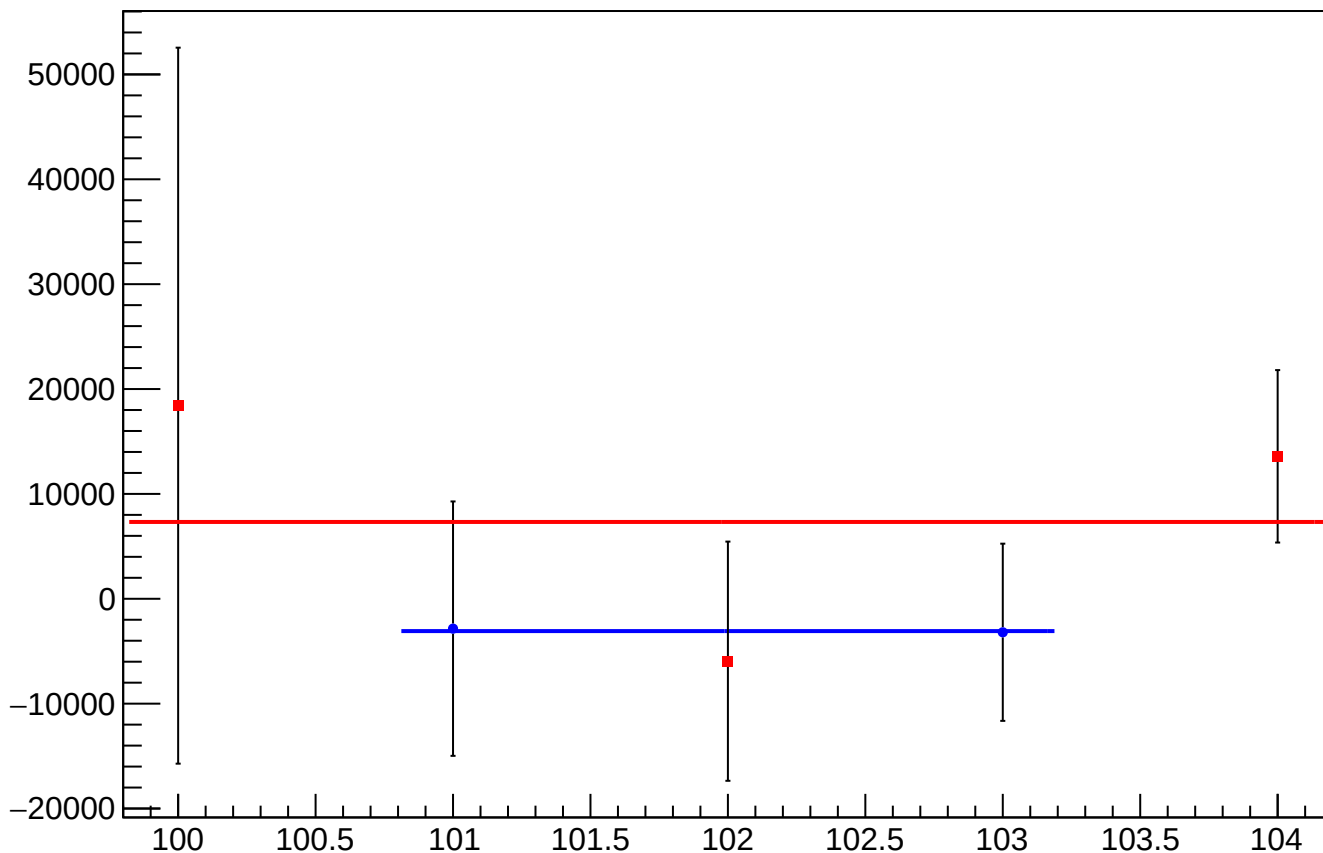
Right: 2188.000+/-1.023 χ^2/NDF : 206498.1/4

In: 2221.163+/-1.451 χ^2/NDF : 128034.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2188.000+/-1.023 χ^2/NDF : 206498.1/4

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: 7325.944+/-6545.714 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

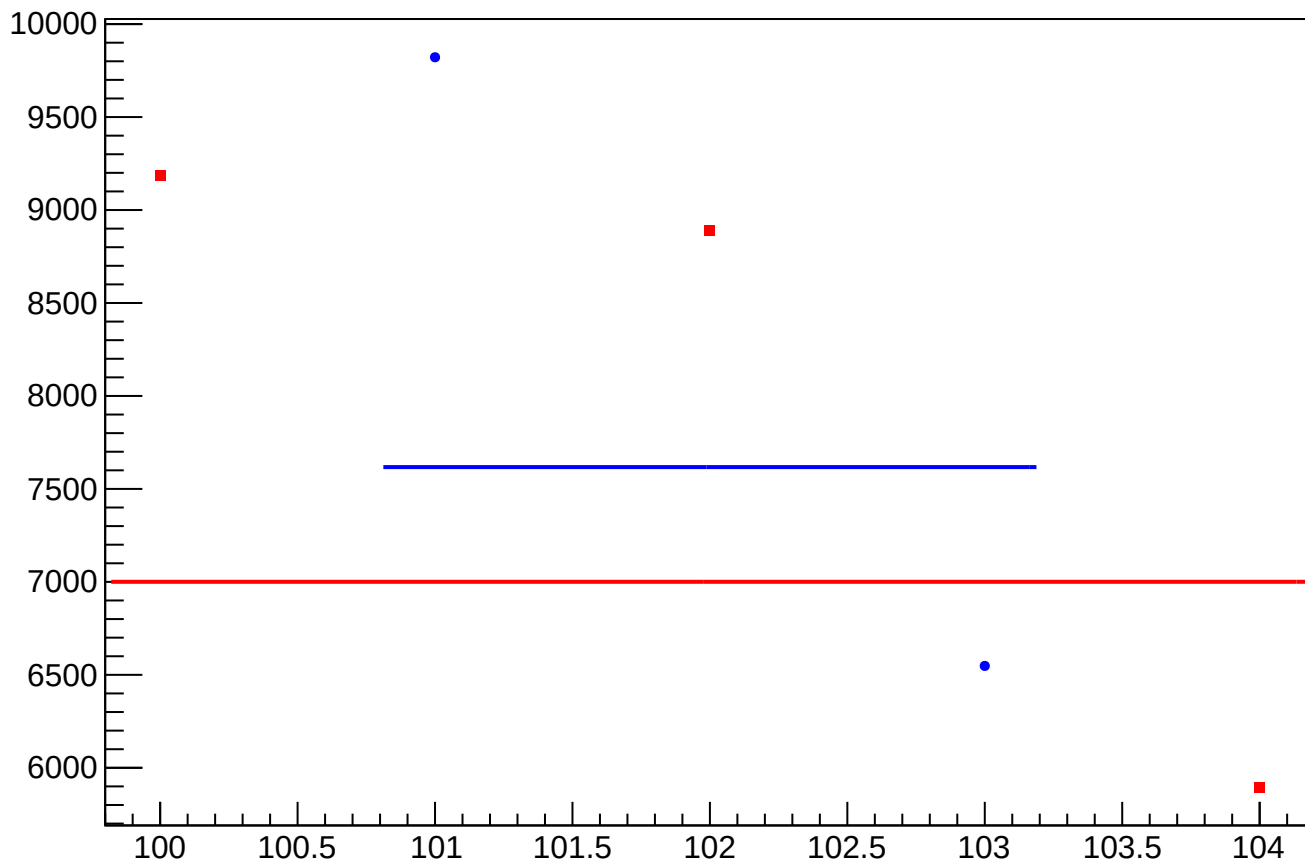
Right: 2420.761+/-4759.291 χ^2/NDF : 3.2/4

In: -3080.783+/-6932.210 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2420.761+/-4759.291 χ^2/NDF : 3.2/4

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: 7000.477+/-4.629 χ^2/NDF : 99241.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

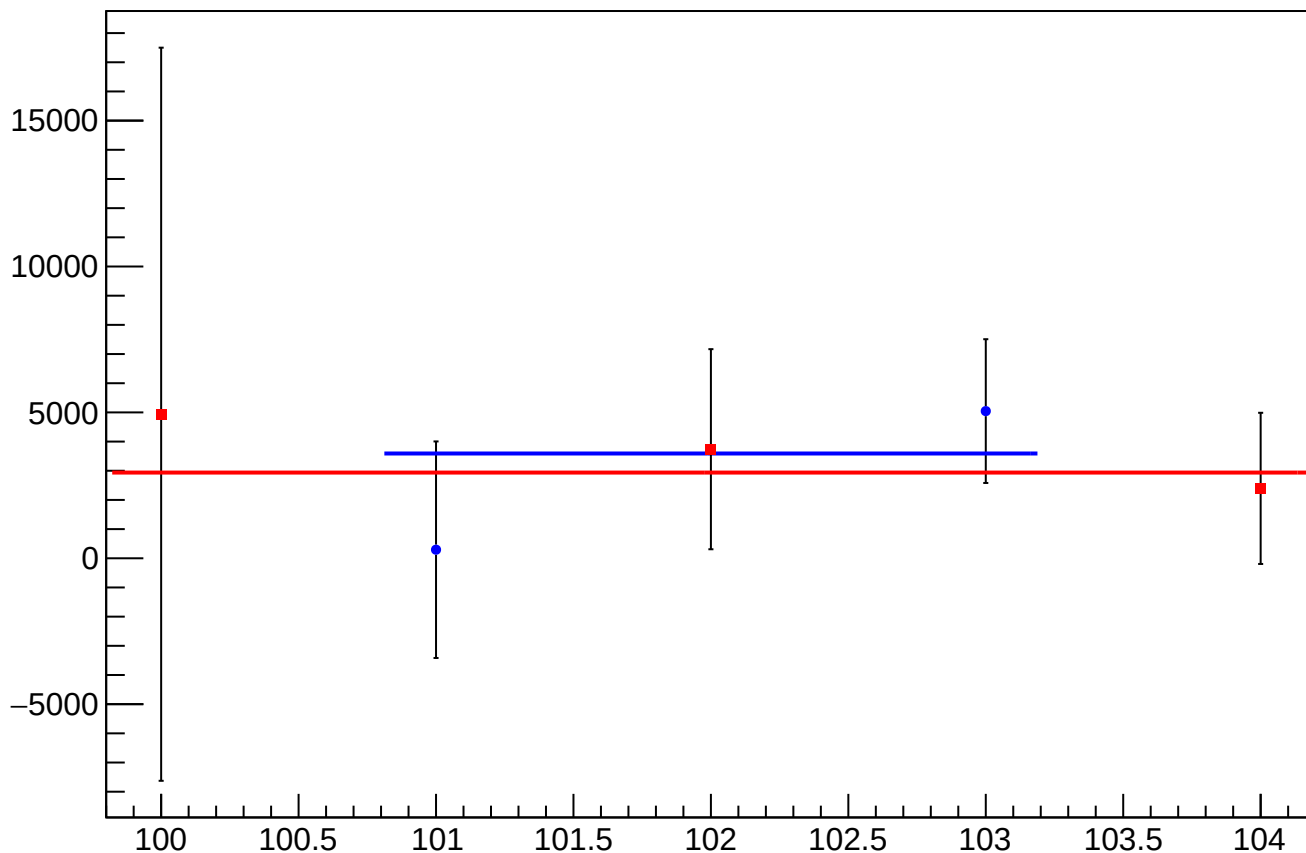
Right: 7291.245+/-3.365 χ^2/NDF : 205708.9/4

In: 7617.364+/-4.902 χ^2/NDF : 98094.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7291.245+/-3.365 χ^2/NDF : 205708.9/4

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: 2937.912+/-2039.631 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

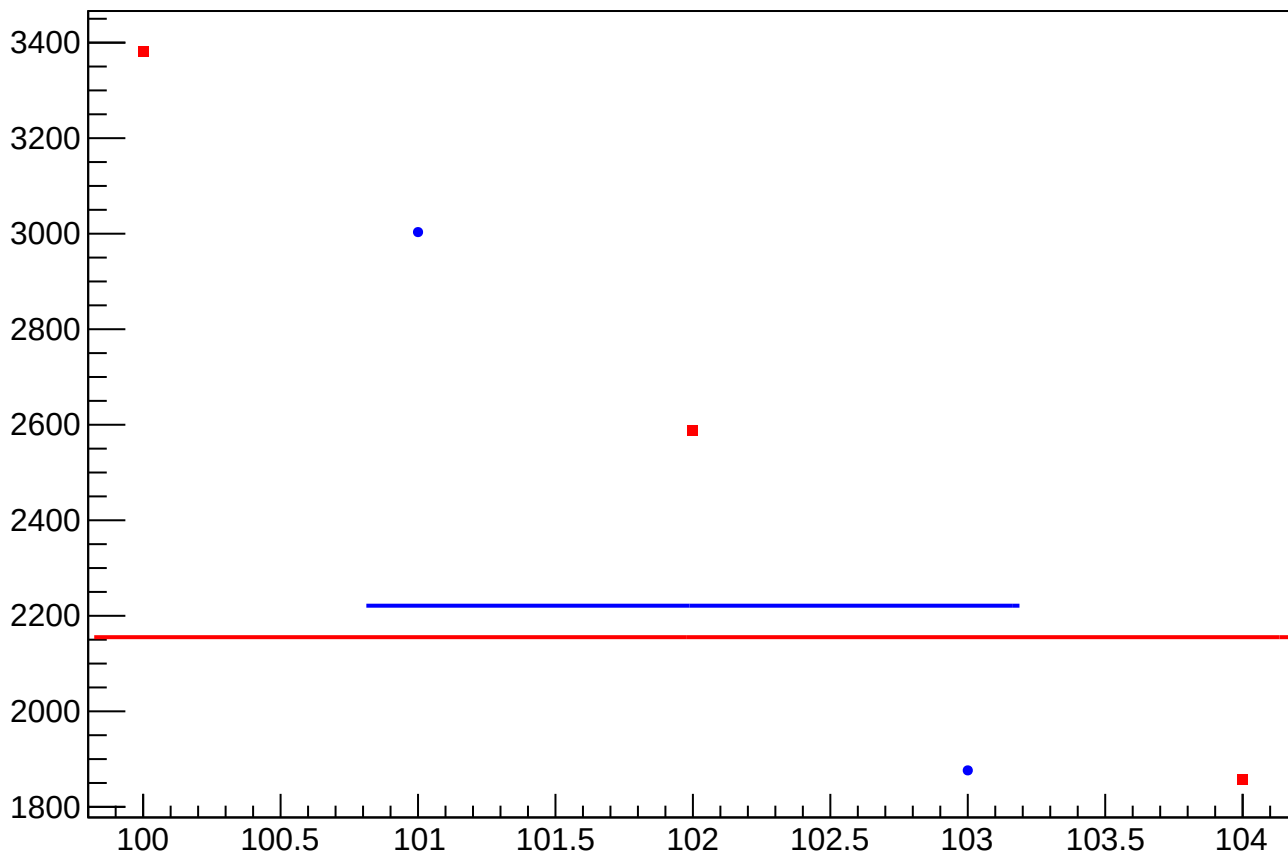
Right: 3262.593+/-1446.780 χ^2/NDF : 1.3/4

In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.593+/-1446.780 χ^2/NDF : 1.3/4

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: 2155.252+/-1.442 χ^2/NDF : 77425.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

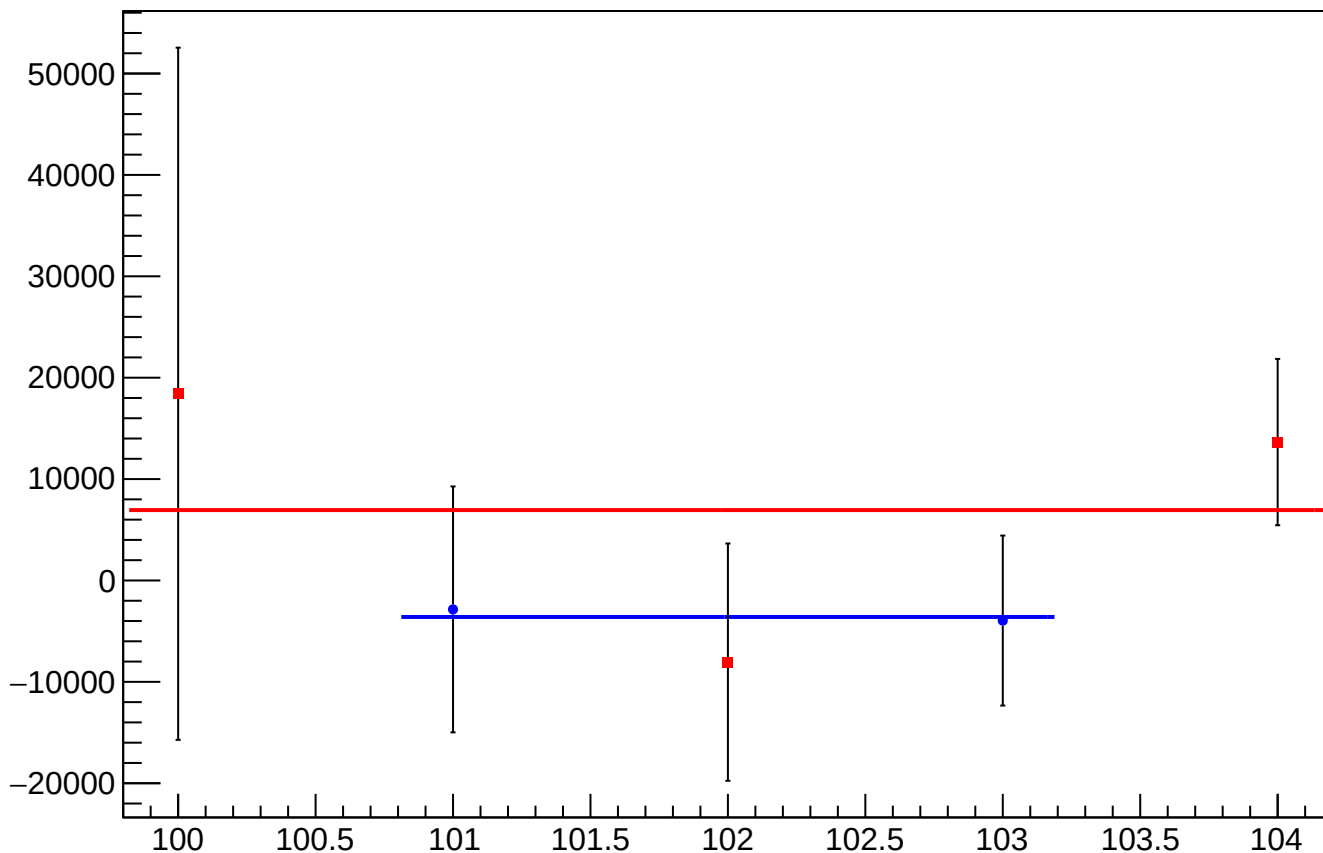
Right: 2187.999+/-1.023 χ^2/NDF : 206498.2/4

In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.999+/-1.023 χ^2/NDF : 206498.2/4

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6942.314+/-6591.000 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

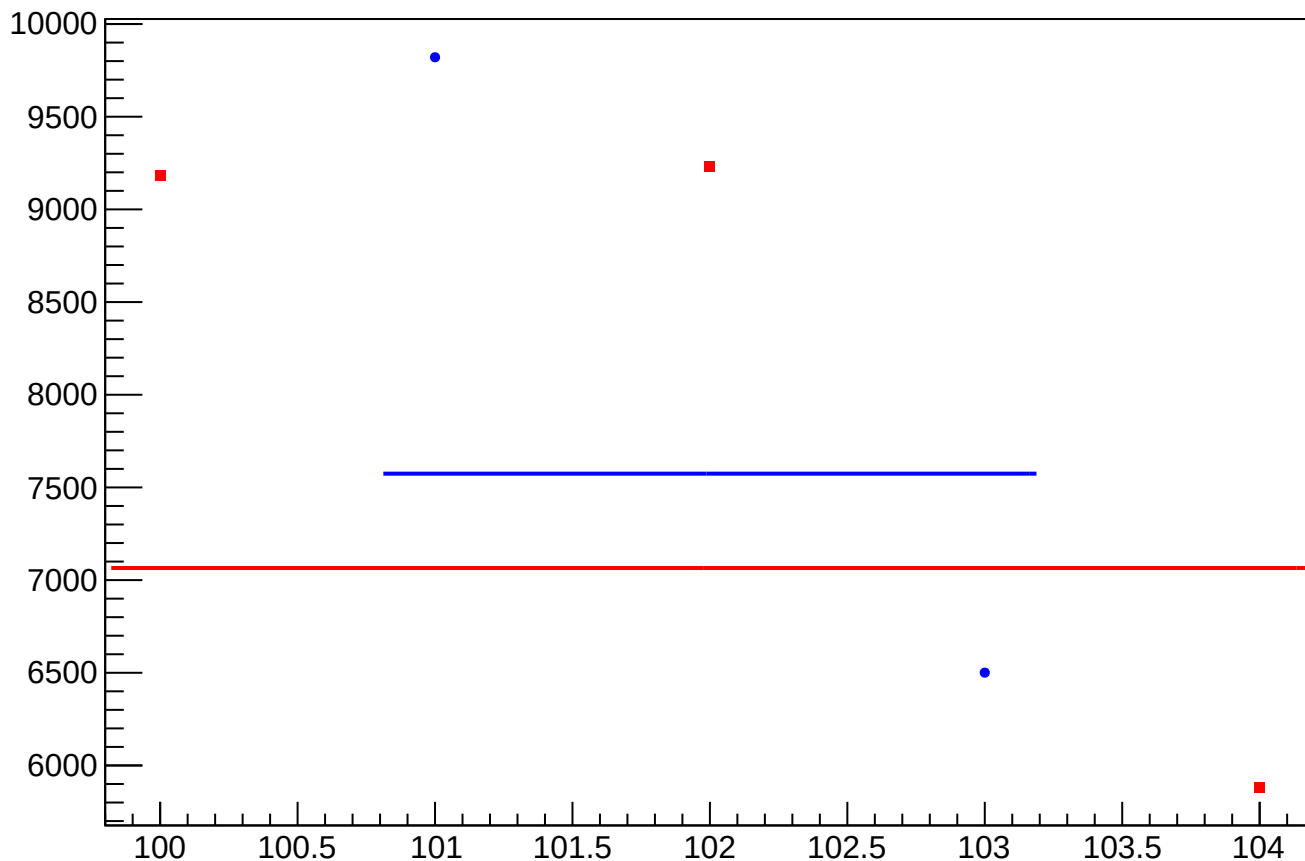
Right: 1909.965+/-4764.904 χ^2/NDF : 3.7/4

In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.965+/-4764.904 χ^2/NDF : 3.7/4

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: 7065.287+/-4.661 χ^2/NDF : 117827.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

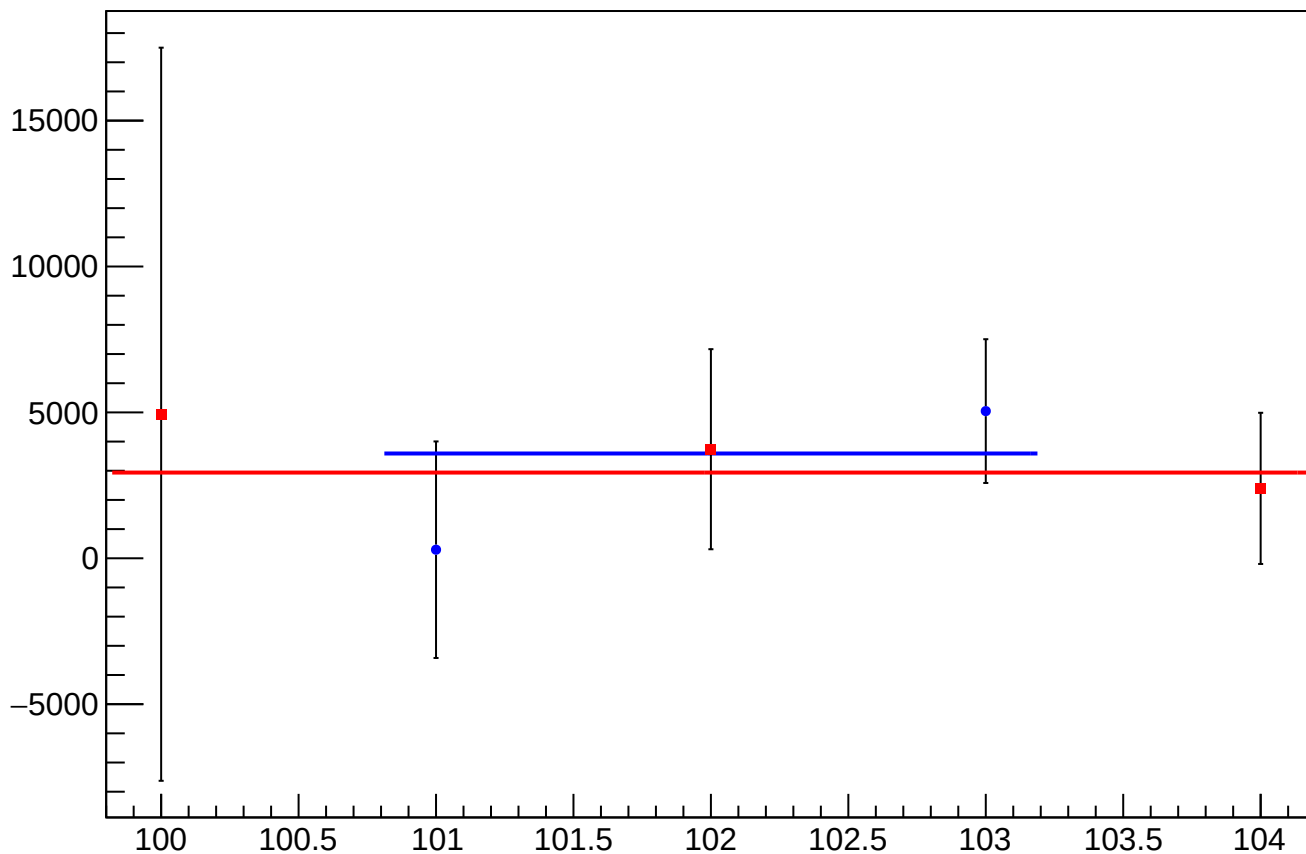
Right: 7308.252+/-3.369 χ^2/NDF : 224933.2/4

In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7308.252+/-3.369 χ^2/NDF : 224933.2/4

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: 2937.912+/-2039.631 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

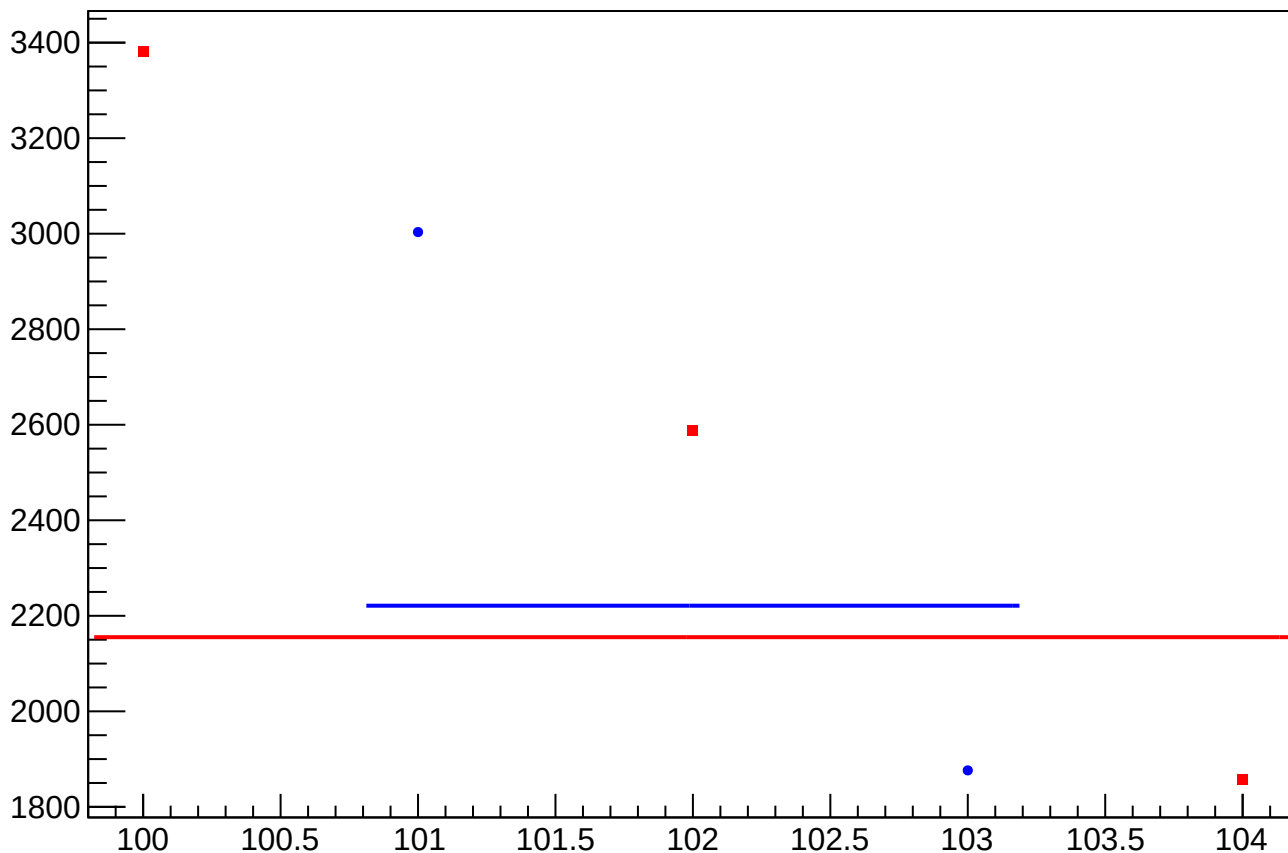
Right: 3262.593+/-1446.780 χ^2/NDF : 1.3/4

In: 3591.398+/-2052.541 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3262.593+/-1446.780 χ^2/NDF : 1.3/4

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: 2155.252+/-1.442 χ^2/NDF : 77425.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

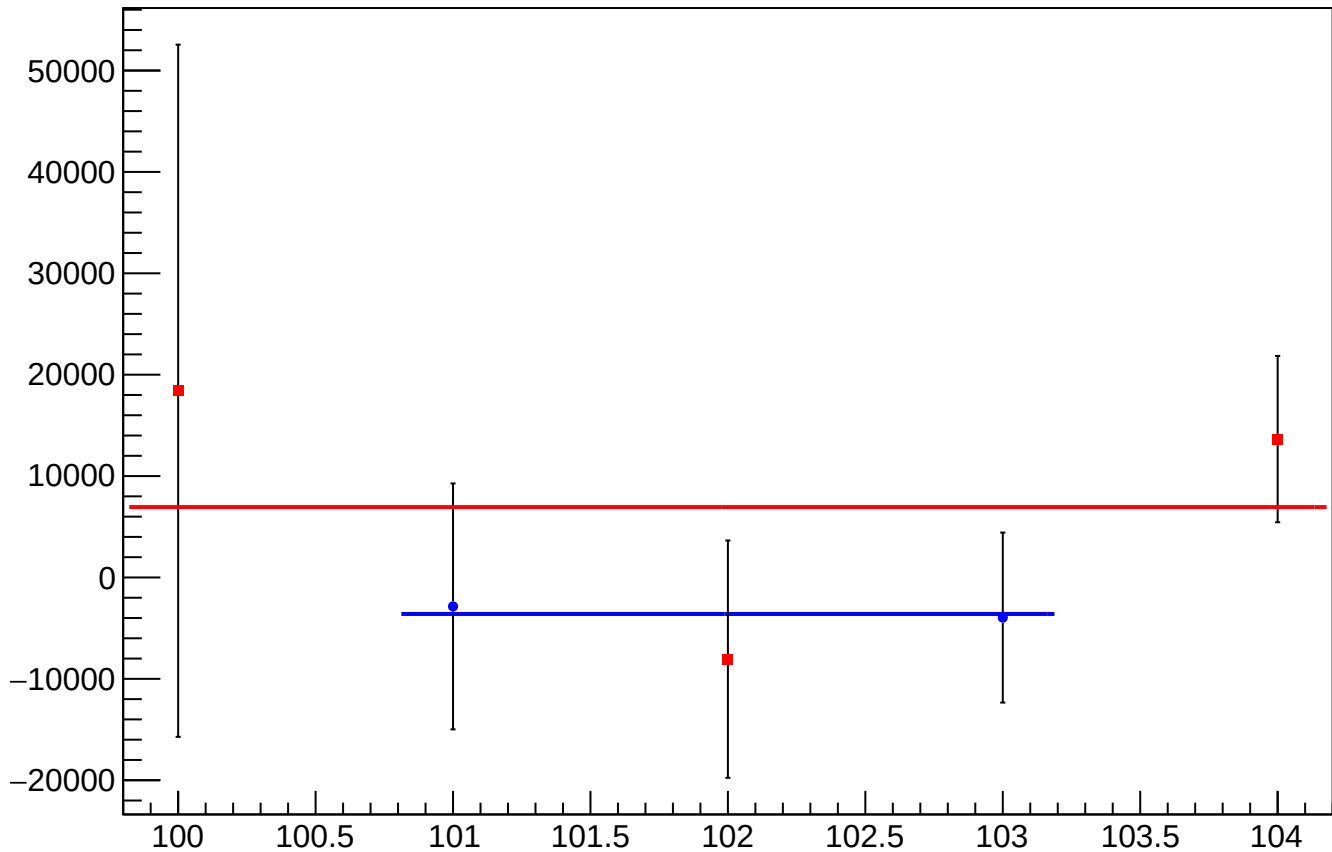
Right: 2187.999+/-1.023 χ^2/NDF : 206498.2/4

In: 2221.162+/-1.451 χ^2/NDF : 128034.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2187.999+/-1.023 χ^2/NDF : 206498.2/4

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6942.314+/-6591.000 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

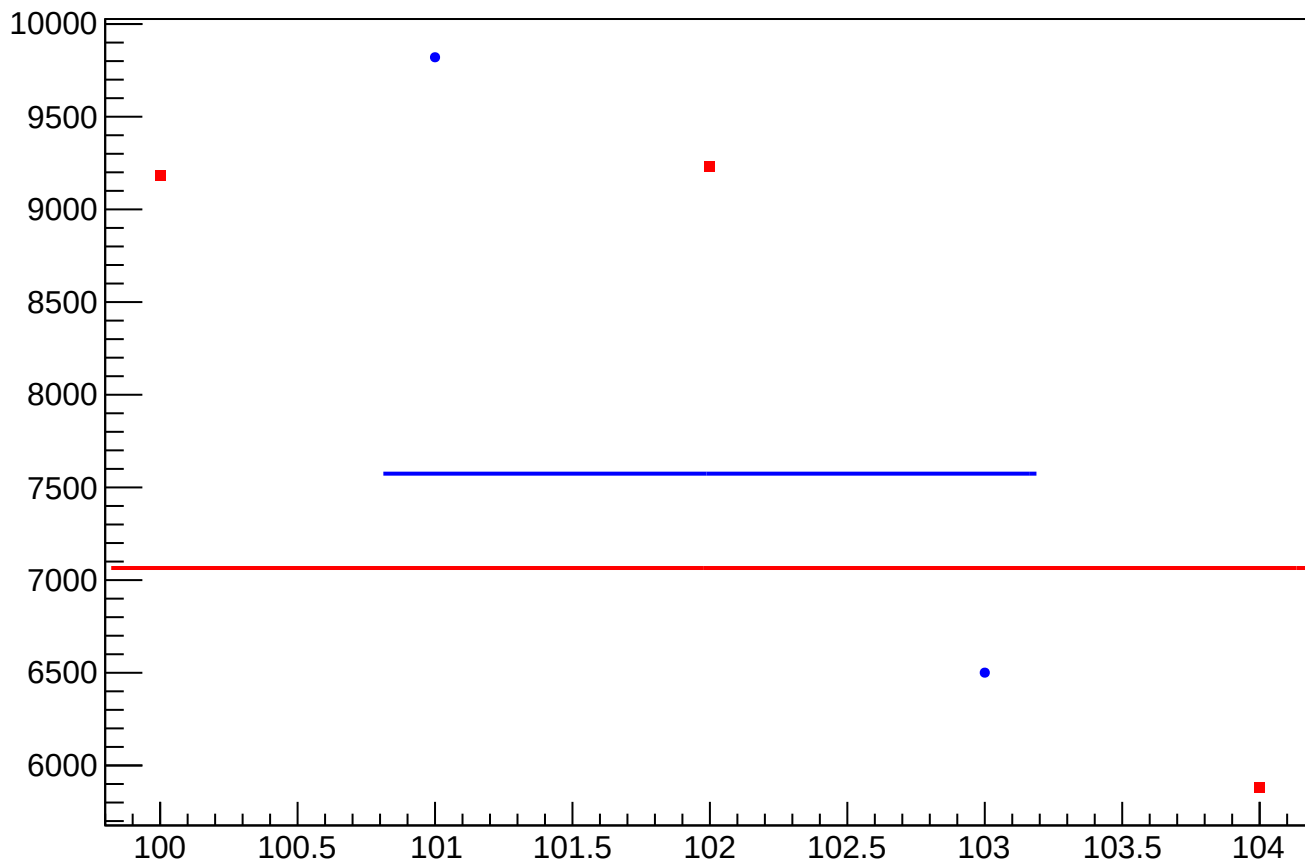
Right: 1909.965+/-4764.904 χ^2/NDF : 3.7/4

In: -3599.808+/-6896.565 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.965+/-4764.904 χ^2/NDF : 3.7/4

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: 7065.287+/-4.661 χ^2/NDF : 117827.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

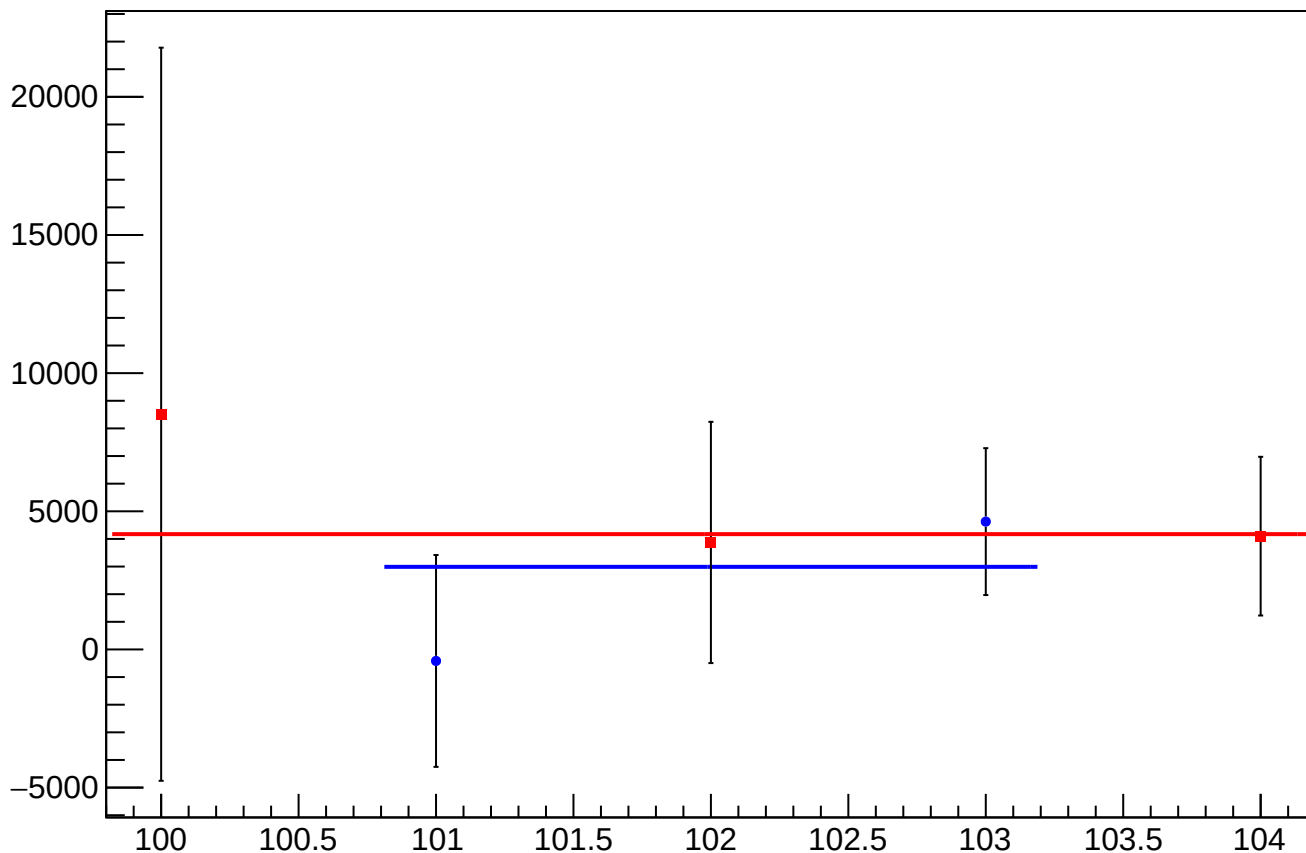
Right: 7308.252+/-3.369 χ^2/NDF : 224933.2/4

In: 7574.268+/-4.877 χ^2/NDF : 101412.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7308.252+/-3.369 χ^2/NDF : 224933.2/4

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: 4173.324 $\pm$ 2361.021 χ^2 /NDF: 0.1/2

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

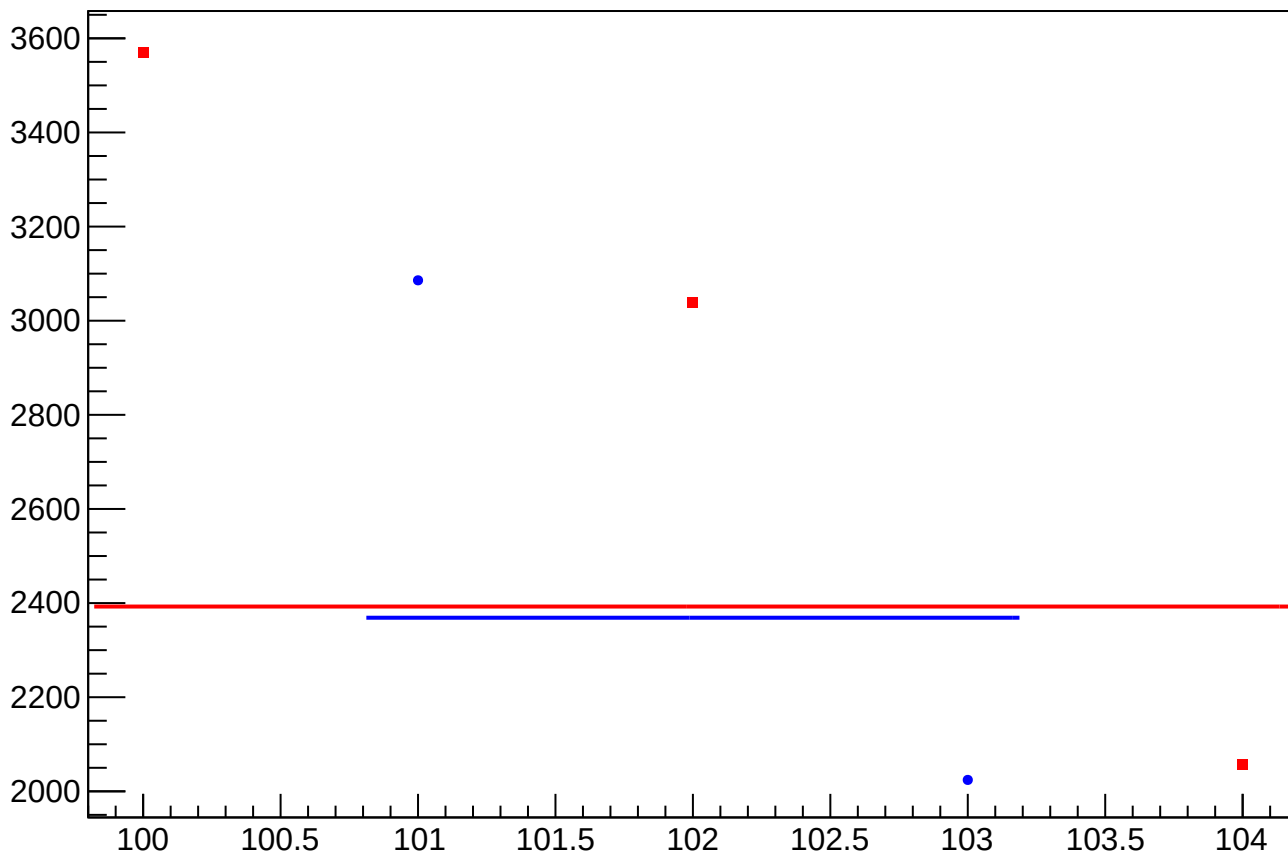
Right: 3535.542 $\pm$ 1603.423 χ^2 /NDF: 1.4/4

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: 3535.542 $\pm$ 1603.423 χ^2 /NDF: 1.4/4

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: 2392.658+/-1.669 χ^2/NDF : 86884.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

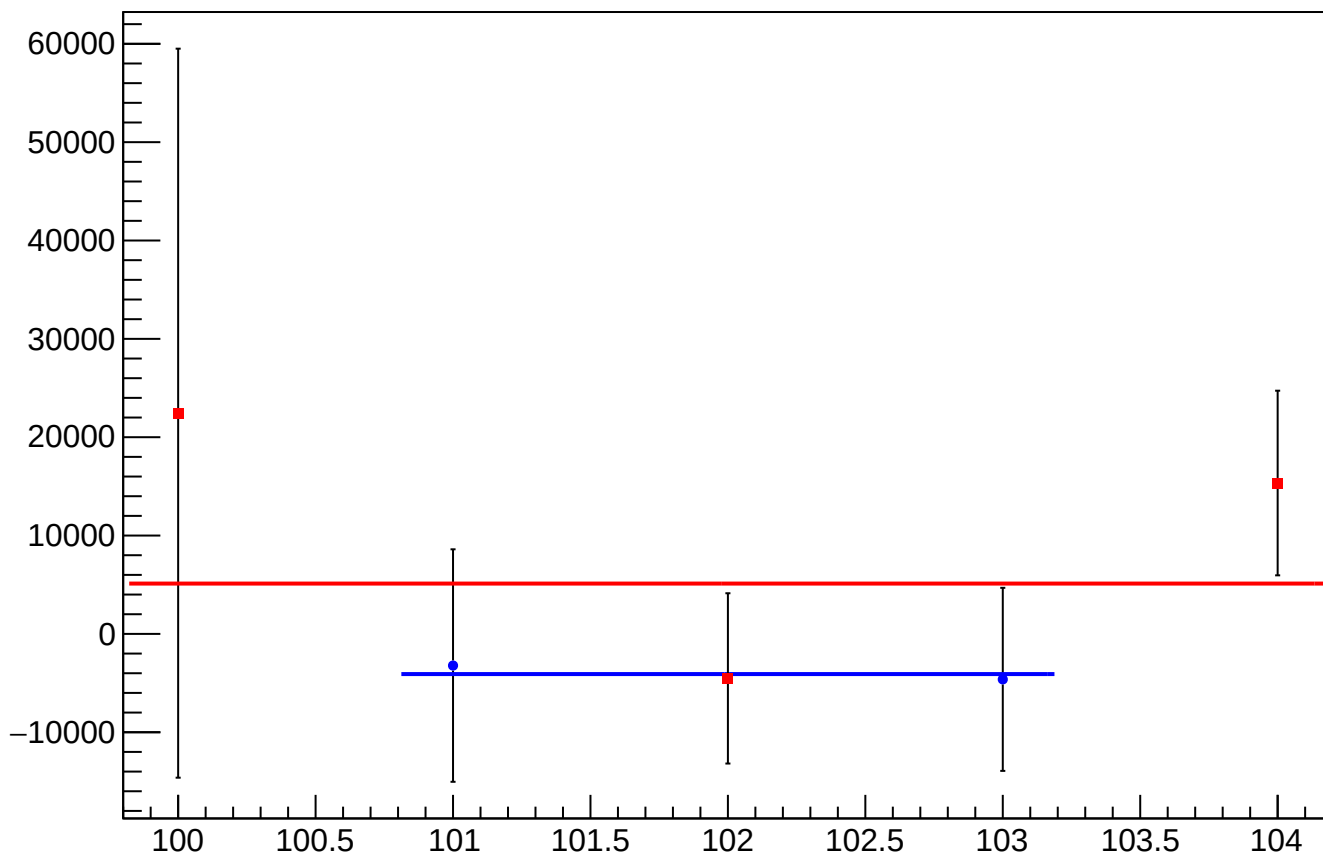
Right: 2379.855+/-1.134 χ^2/NDF : 190551.9/4

In: 2368.895+/-1.545 χ^2/NDF : 103558.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2379.855+/-1.134 χ^2/NDF : 190551.9/4

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: 5117.415+/-6272.192 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

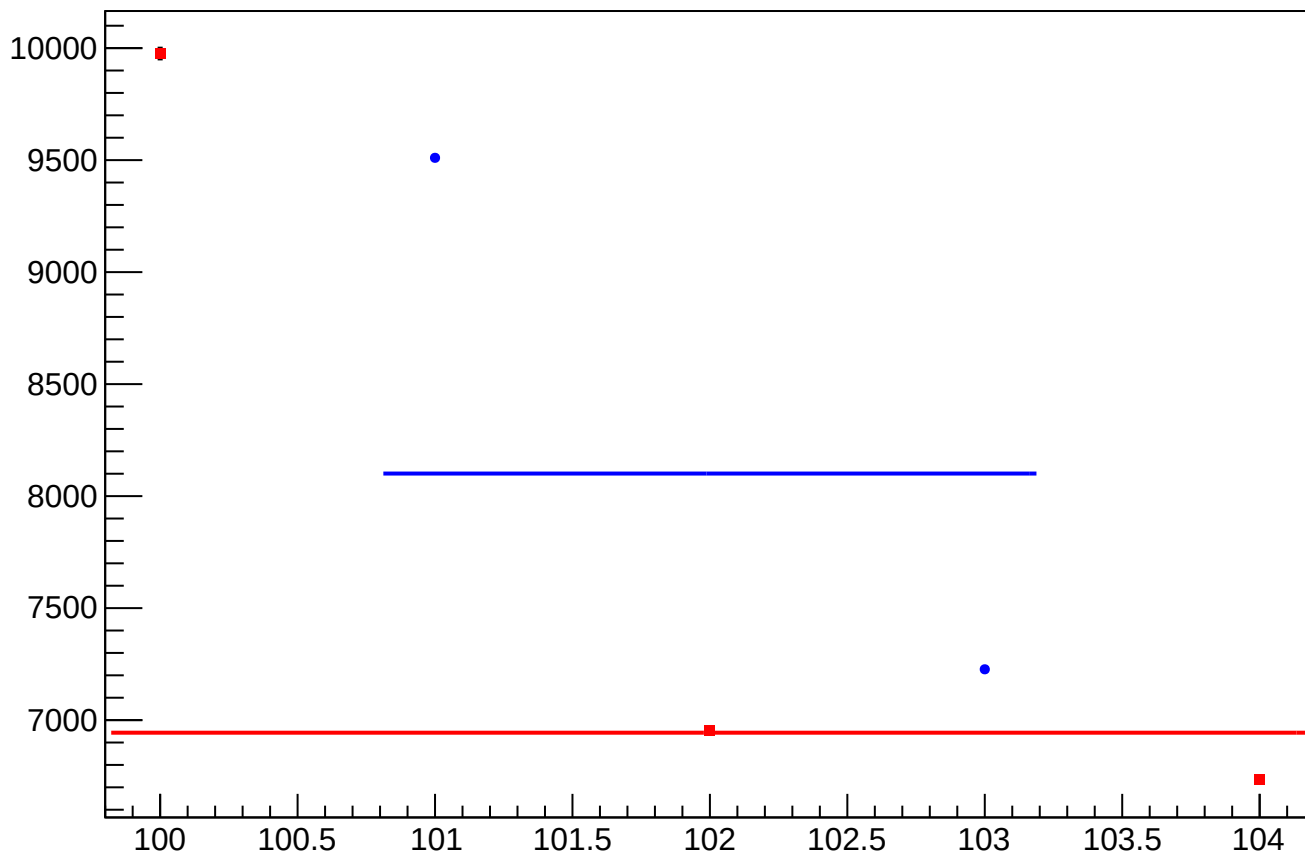
Right: 1216.687+/-4760.734 χ^2/NDF : 3.6/4

In: -4084.907+/-7312.229 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.687+/-4760.734 χ^2/NDF : 3.6/4

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: 6943.864+/-4.435 χ^2/NDF : 14370.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

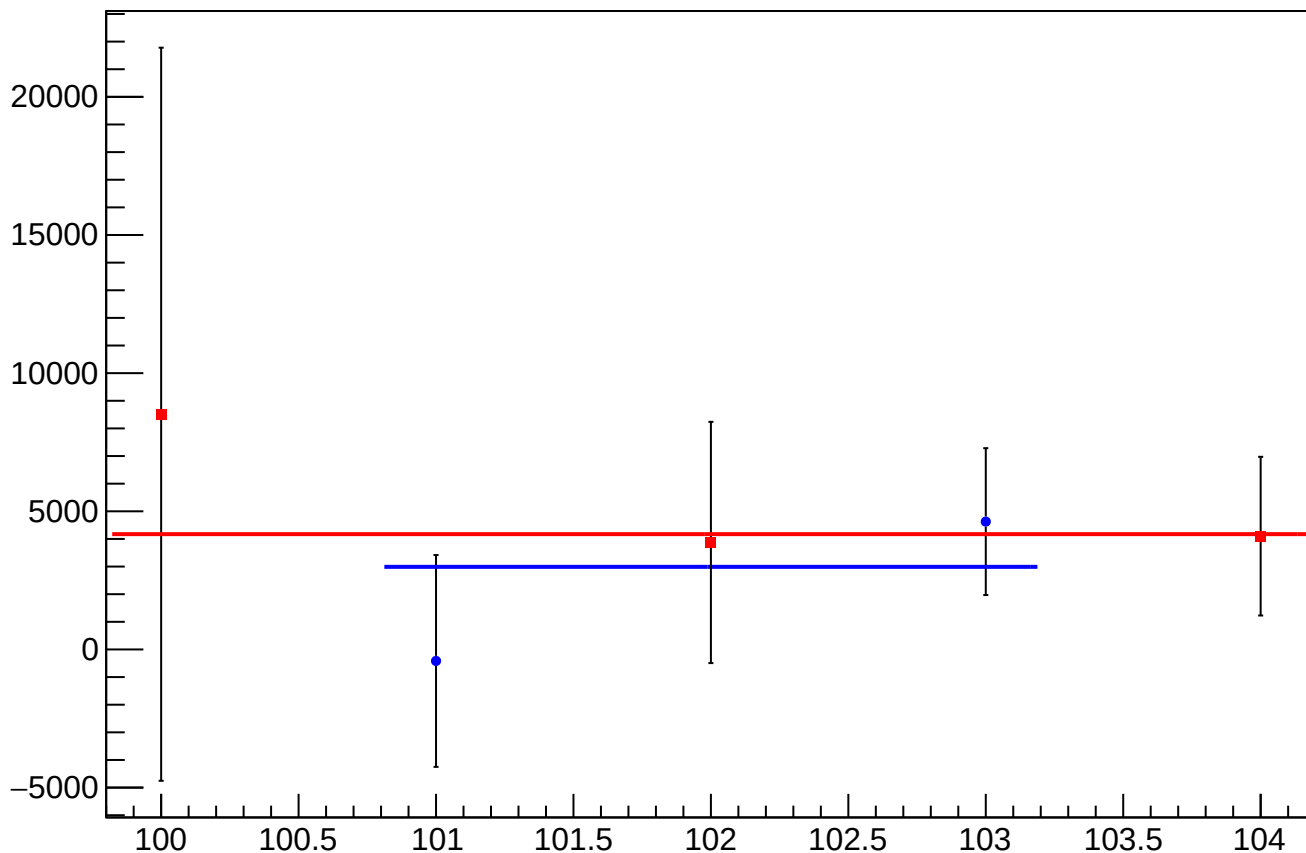
Right: 7434.262+/-3.366 χ^2/NDF : 89286.6/4

In: 8100.776+/-5.171 χ^2/NDF : 46073.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7434.262+/-3.366 χ^2/NDF : 89286.6/4

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: 4173.321+/-2361.019 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

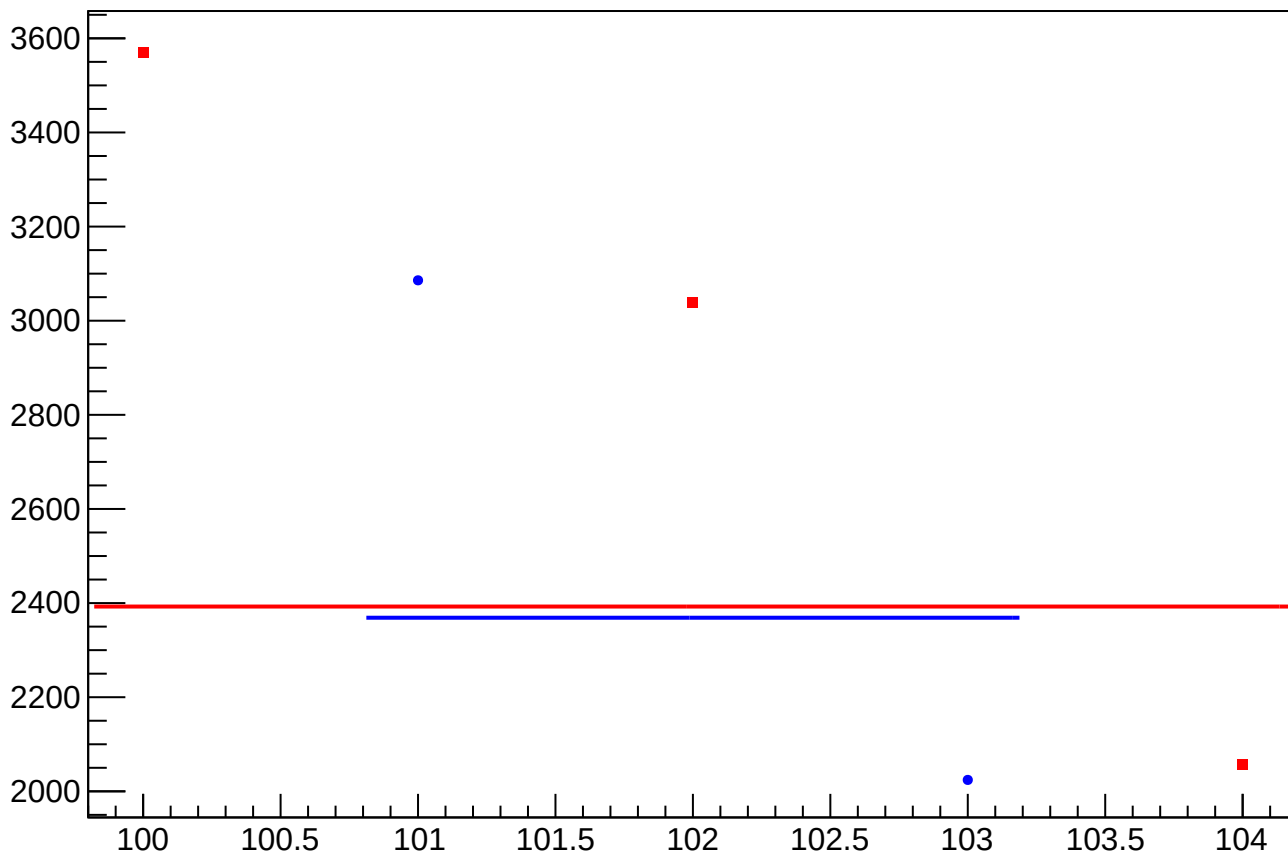
Right: 3535.534+/-1603.422 χ^2/NDF : 1.4/4

In: 2989.585+/-2184.425 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3535.534+/-1603.422 χ^2/NDF : 1.4/4

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: 2392.656+/-1.669 χ^2/NDF : 86884.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

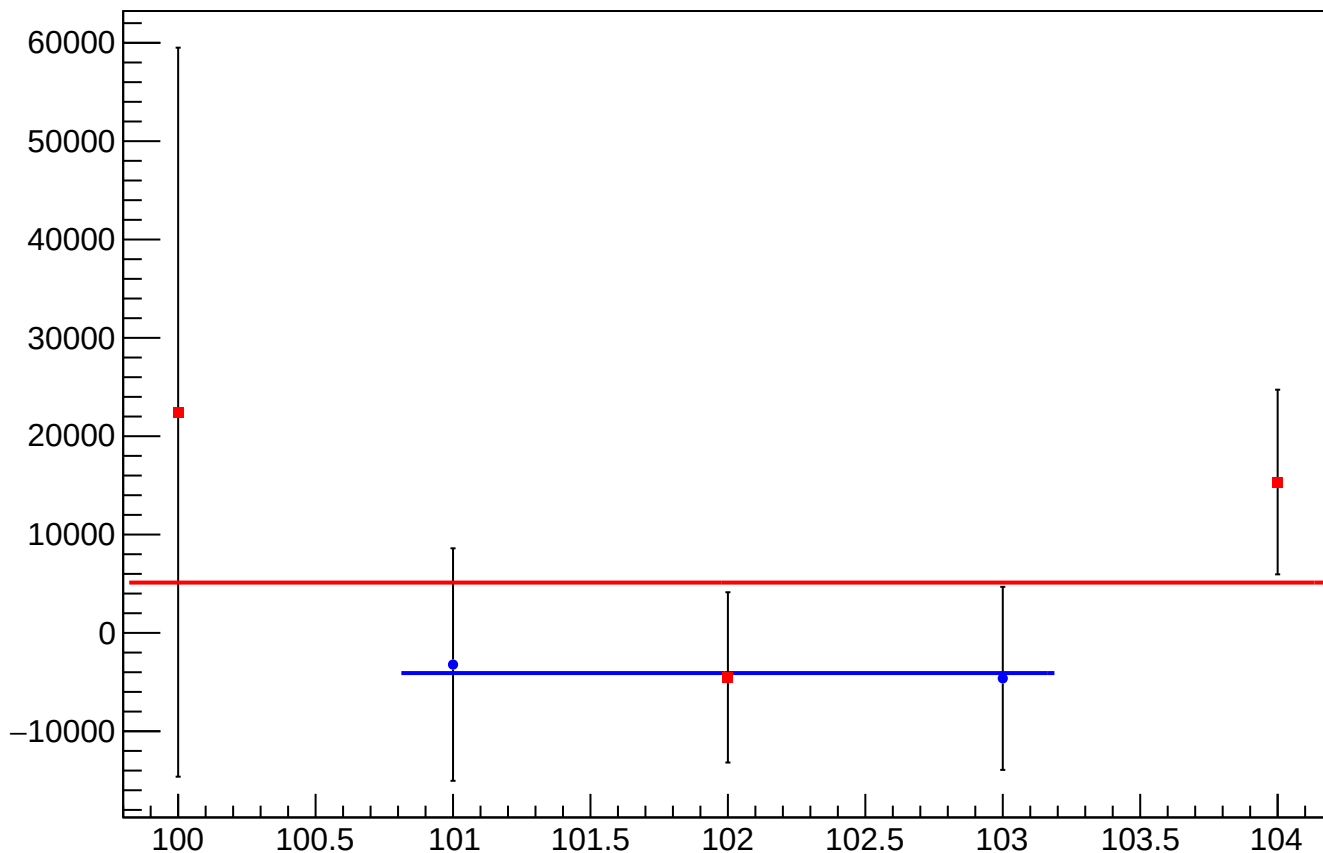
Right: 2379.853+/-1.134 χ^2/NDF : 190552.3/4

In: 2368.894+/-1.545 χ^2/NDF : 103558.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2379.853+/-1.134 χ^2/NDF : 190552.3/4

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: 5117.412+/-6272.188 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

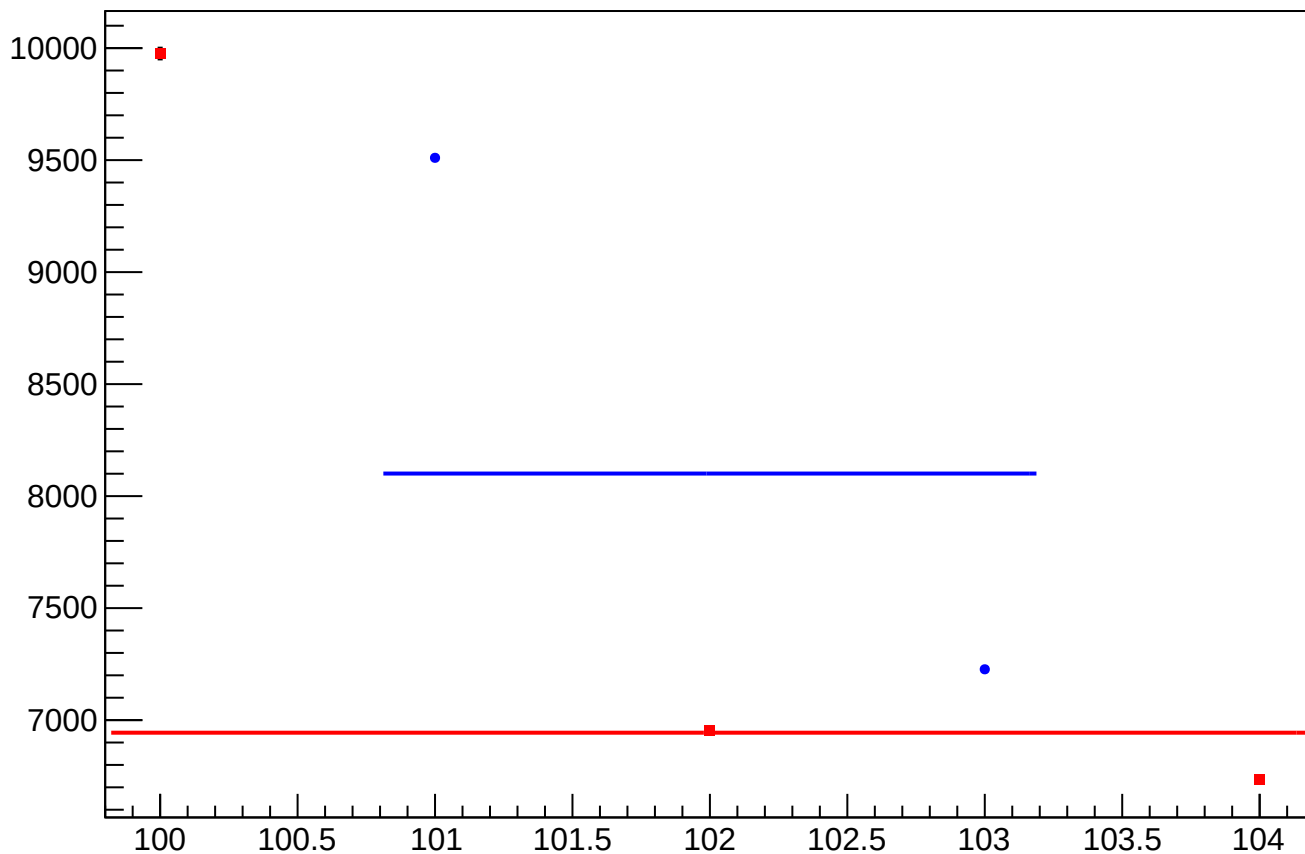
Right: 1216.680+/-4760.730 χ^2/NDF : 3.6/4

In: -4084.918+/-7312.223 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1216.680+/-4760.730 χ^2/NDF : 3.6/4

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8100.769 ± 5.171 $\chi^2/\text{NDF}: 46073.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6943.859 ± 4.435 $\chi^2/\text{NDF}: 14370.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

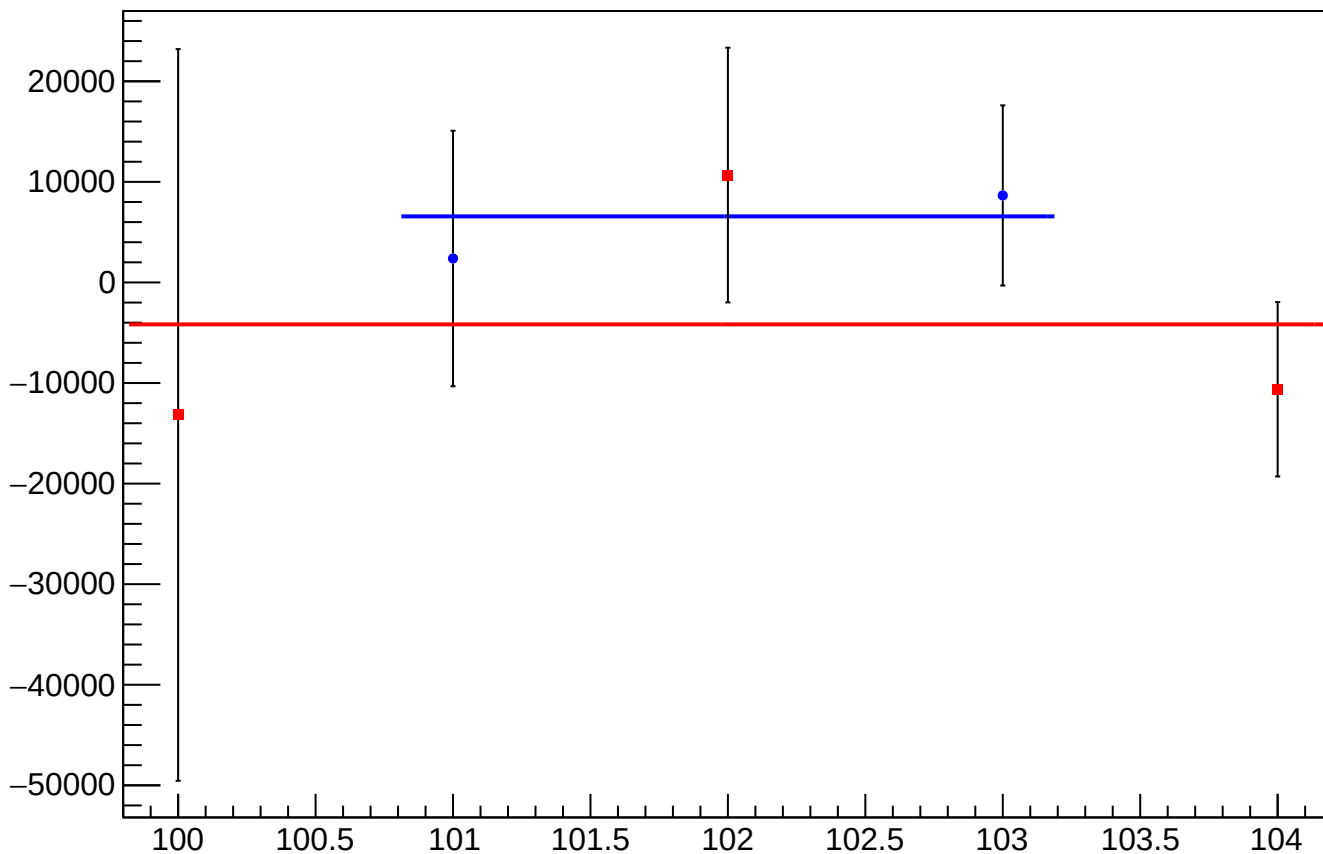
Right: 7434.256 ± 3.366 $\chi^2/\text{NDF}: 89286.3/4$

In: 8100.769 ± 5.171 $\chi^2/\text{NDF}: 46073.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7434.256 ± 3.366 $\chi^2/\text{NDF}: 89286.3/4$

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: -4171.126+/-7018.734 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

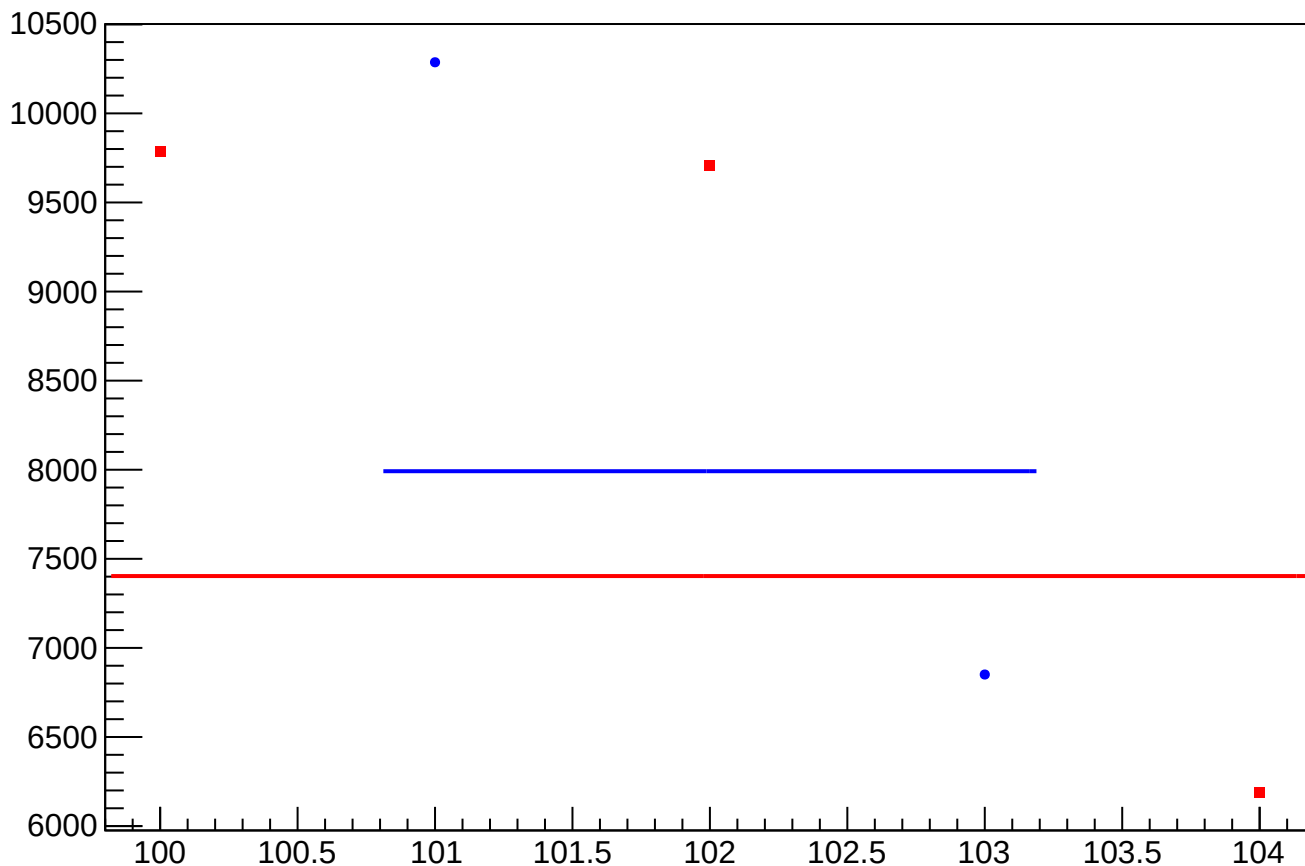
Right: 973.613+/-5066.065 χ^2/NDF : 3.3/4

In: 6569.088+/-7319.739 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 973.613+/-5066.065 χ^2/NDF : 3.3/4

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: 7403.270+/-4.963 χ^2/NDF : 114239.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

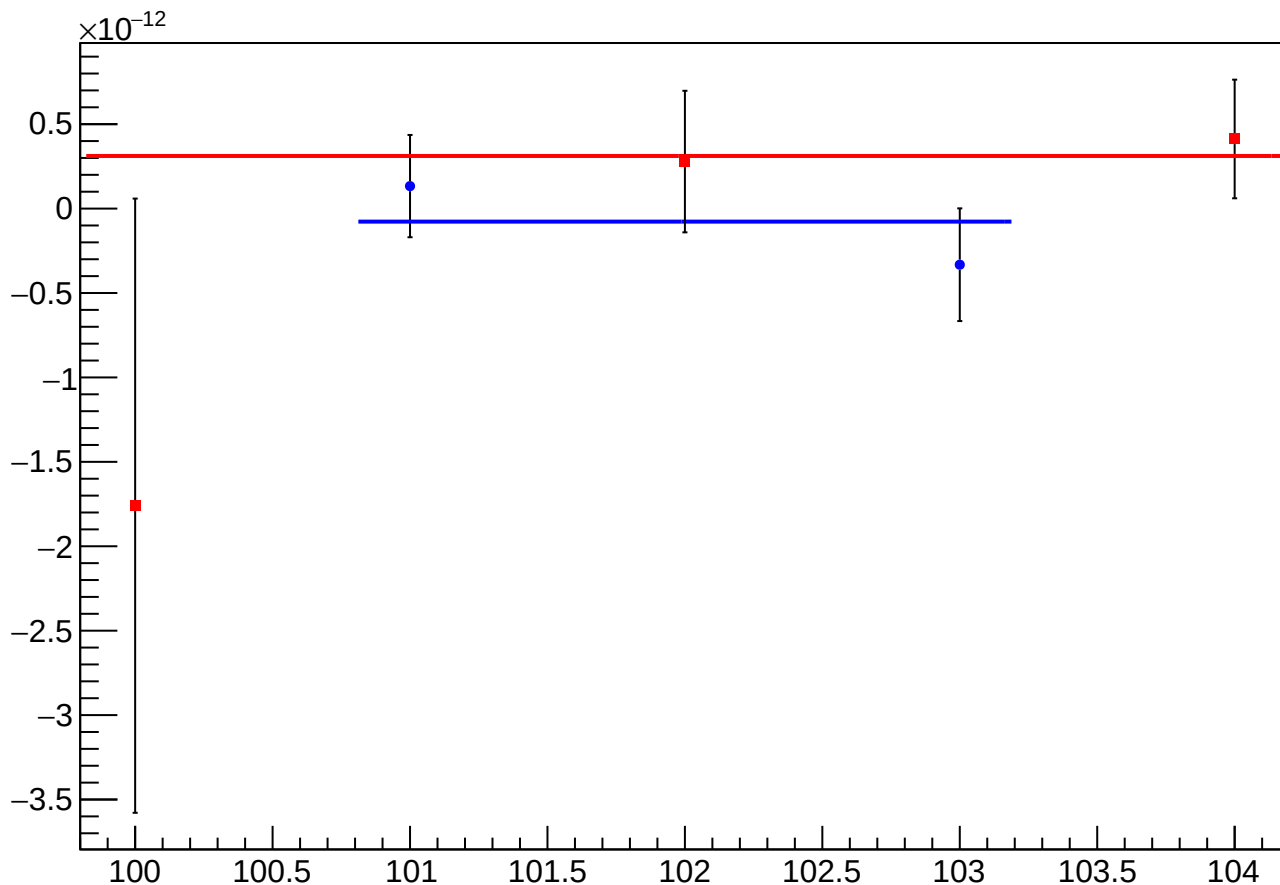
Right: 7685.157+/-3.582 χ^2/NDF : 218744.6/4

In: 7991.729+/-5.176 χ^2/NDF : 97769.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7685.157+/-3.582 χ^2/NDF : 218744.6/4

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 : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

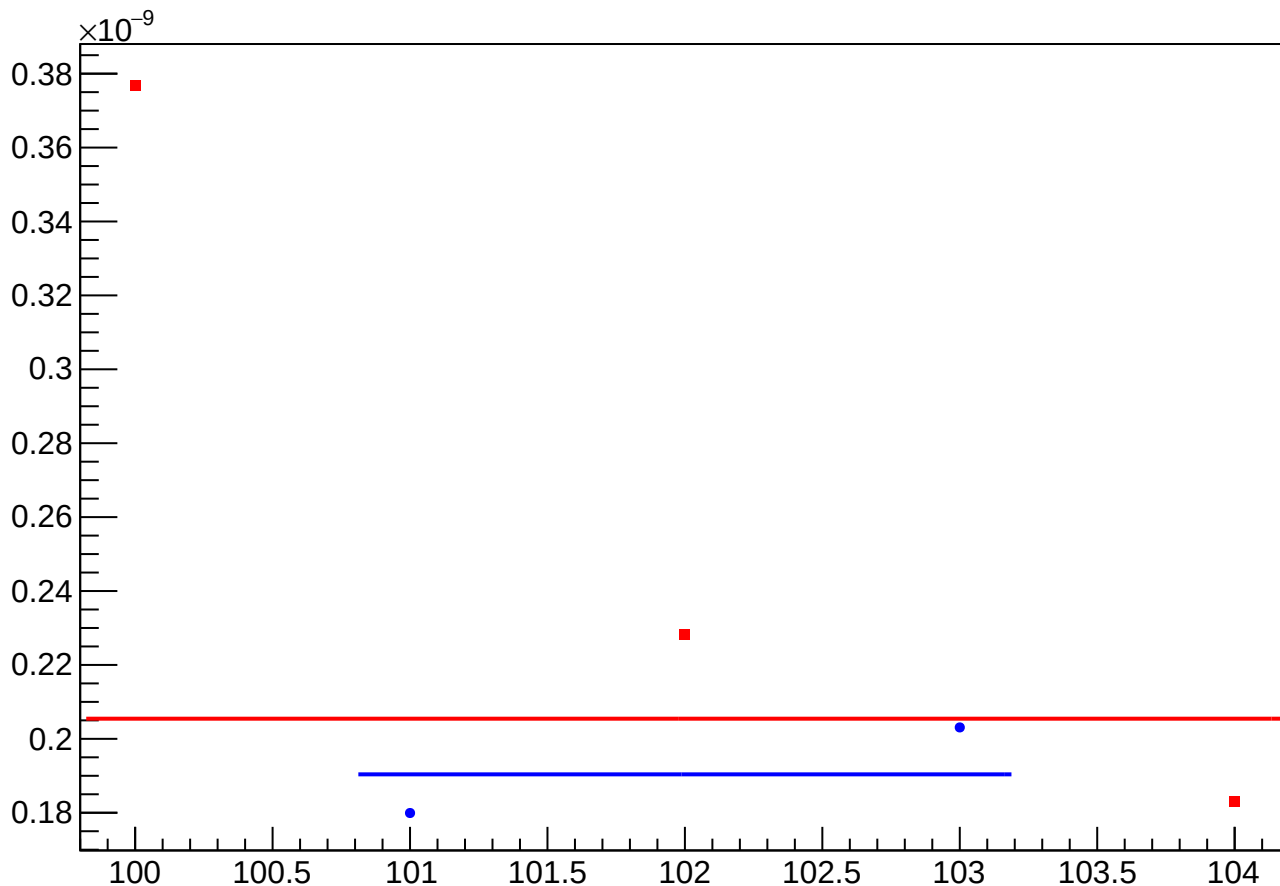
Right: 0.000+/-0.000 χ^2/NDF : 3.7/4

In: -0.000+/-0.000 χ^2/NDF :1.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.7/4

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 : 31732.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

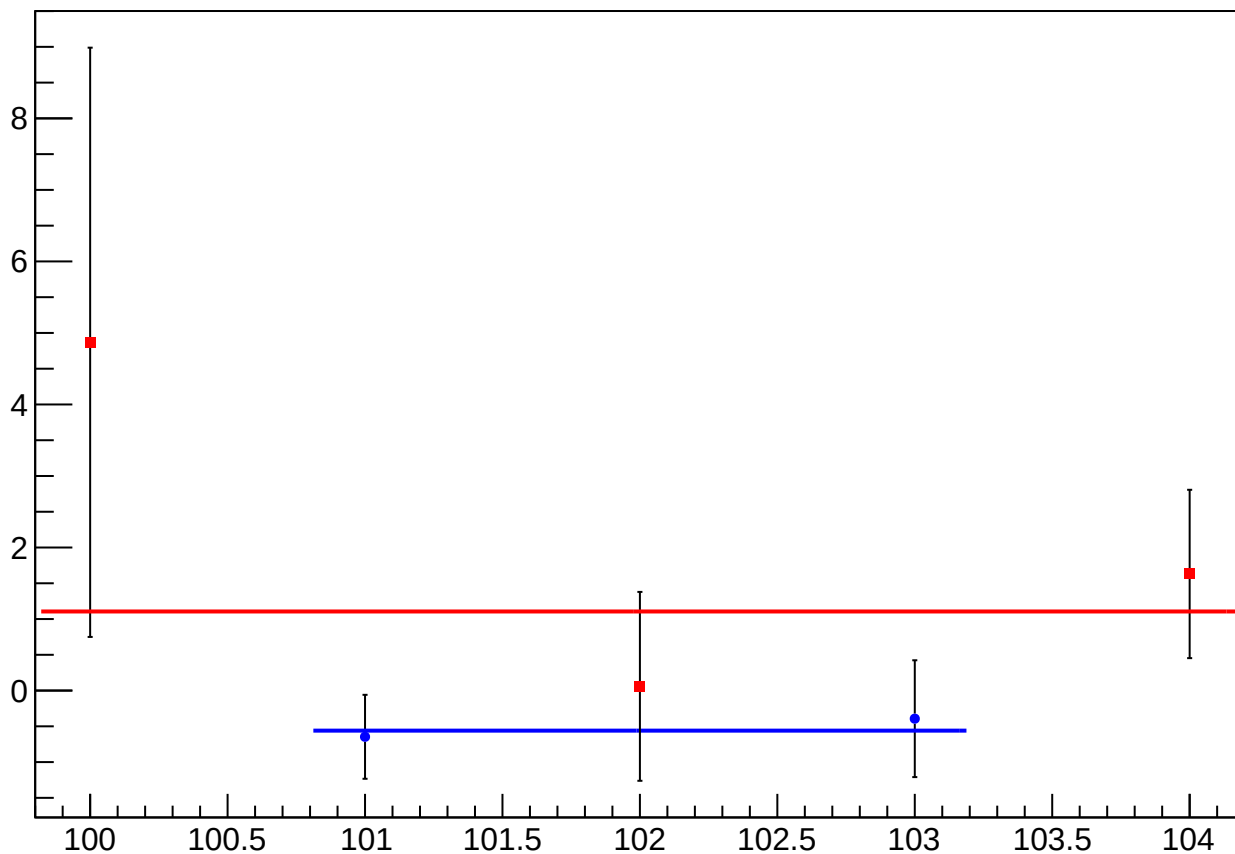
Right: 0.000+/-0.000 χ^2/NDF : 40754.4/4

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 : 40754.4/4

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: 1.106+/-0.859 χ^2/NDF : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

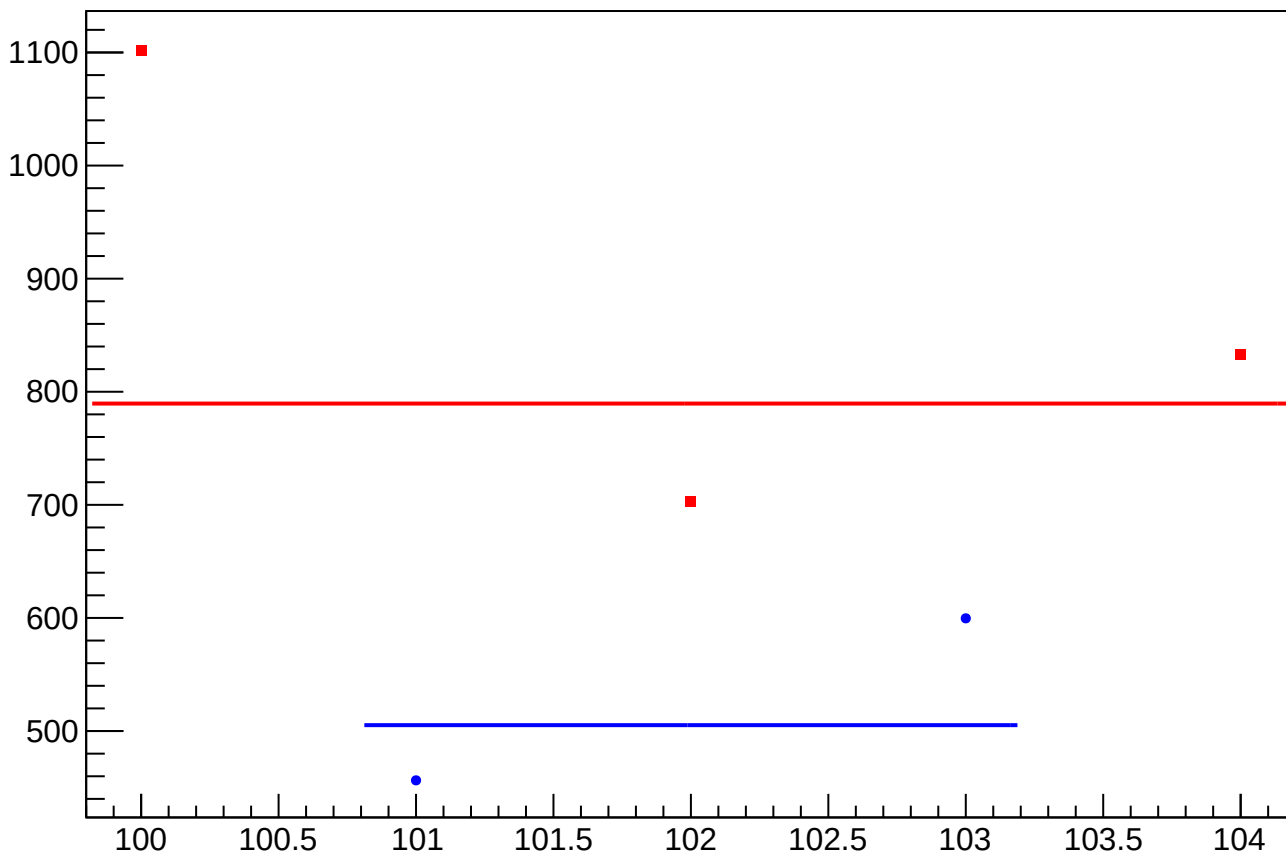
Right: -0.168+/-0.417 χ^2/NDF : 4.6/4

In: -0.560+/-0.477 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.168+/-0.417 χ^2/NDF : 4.6/4

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: 789.553+/-0.608 χ^2/NDF : 22748.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

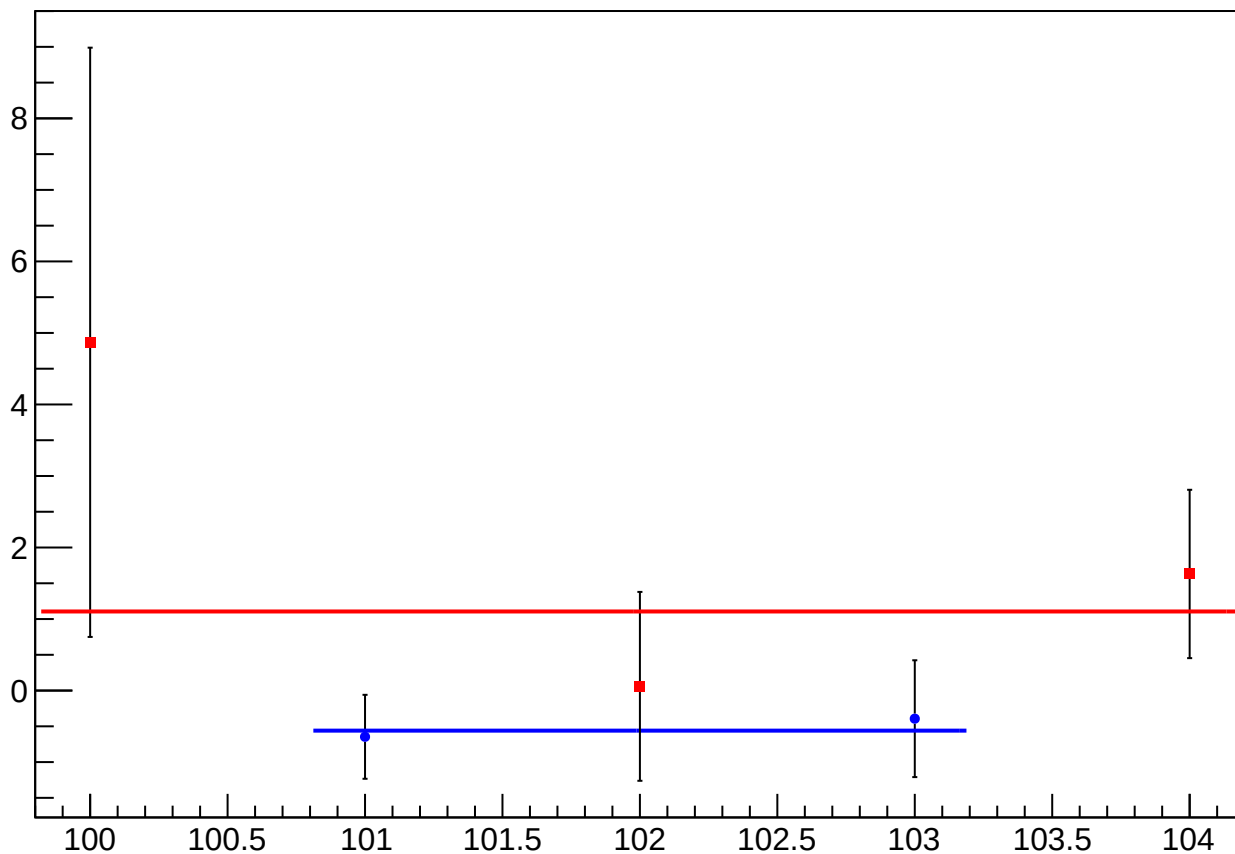
Right: 572.107+/-0.295 χ^2/NDF : 230827.9/4

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.107+/-0.295 χ^2/NDF : 230827.9/4

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.106 $\pm$ 0.859 χ^2 /NDF: 1.7/2

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

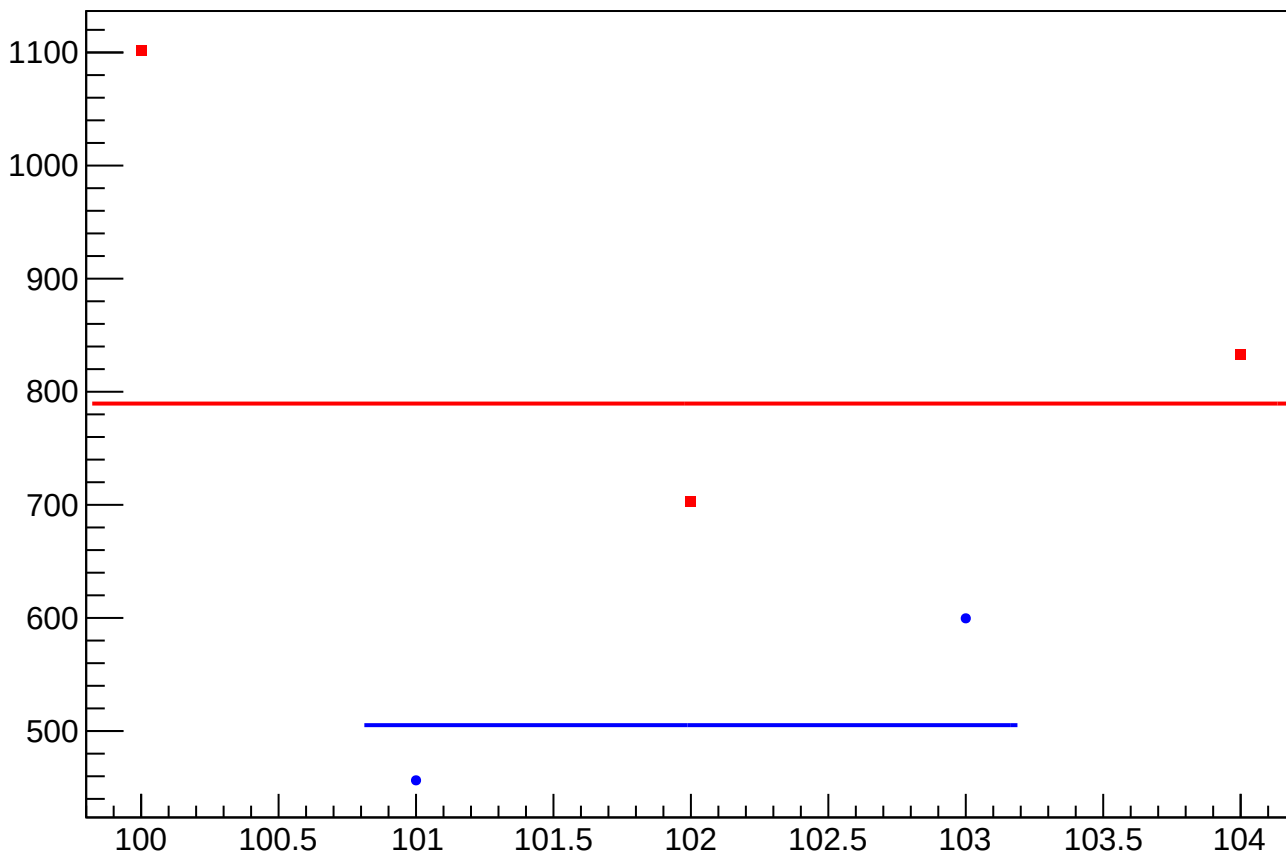
Right: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

In: -0.560 $\pm$ 0.477 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

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: 789.553+/-0.608 χ^2/NDF : 22748.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

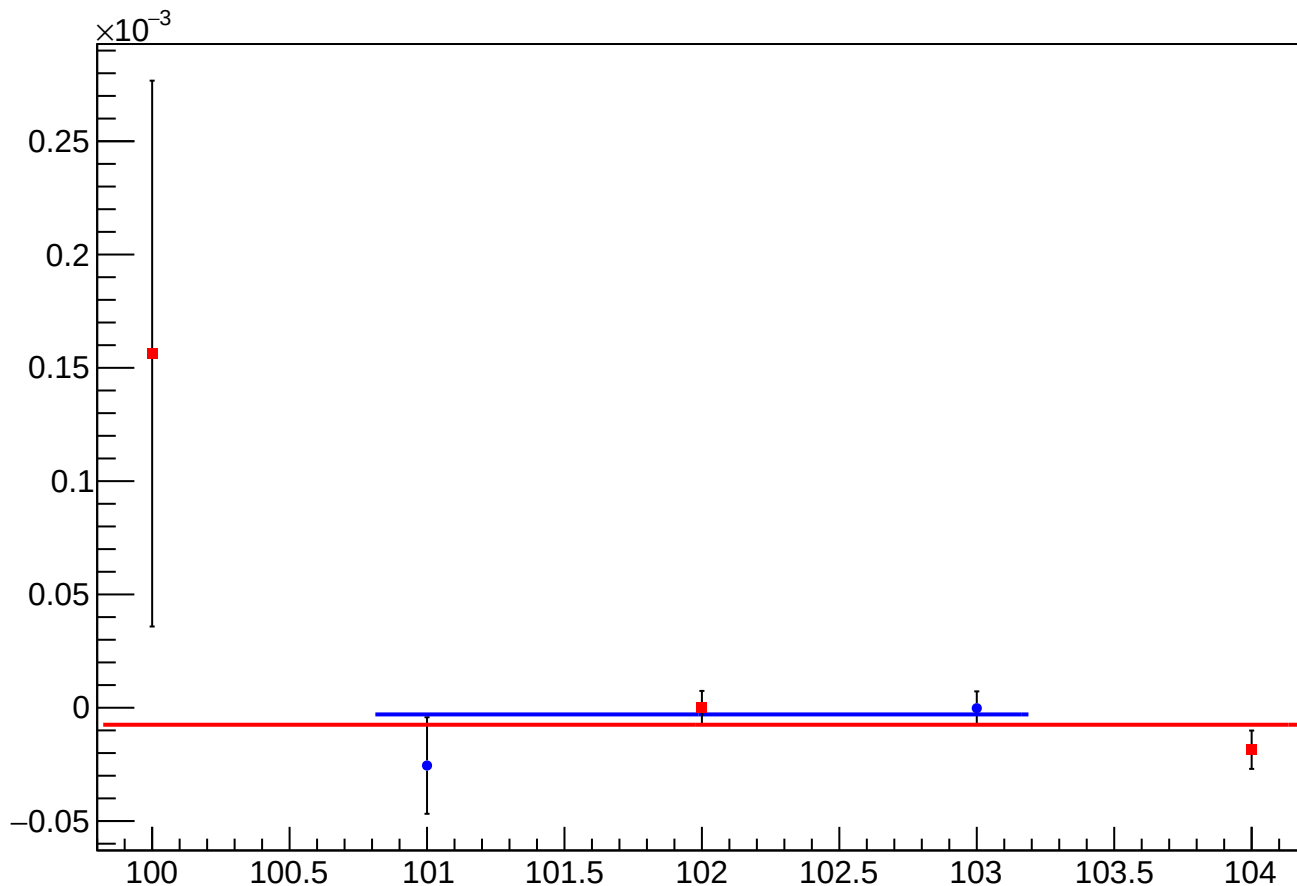
Right: 572.107+/-0.295 χ^2/NDF : 230827.9/4

In: 505.198+/-0.337 χ^2/NDF : 40572.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.107+/-0.295 χ^2/NDF : 230827.9/4

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 : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

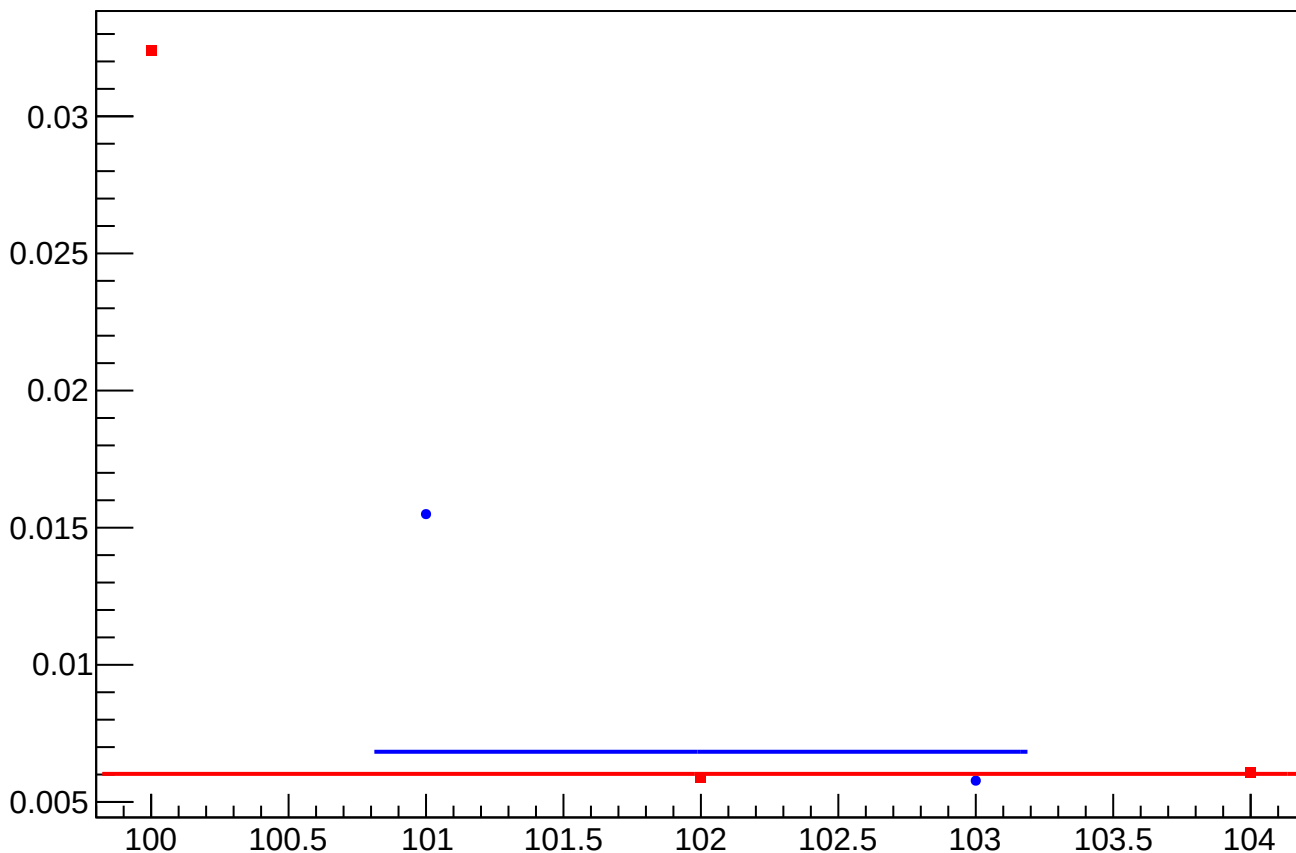
Right: -0.000+/-0.000 χ^2/NDF : 6.2/4

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 : 6.2/4

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 : 96940.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

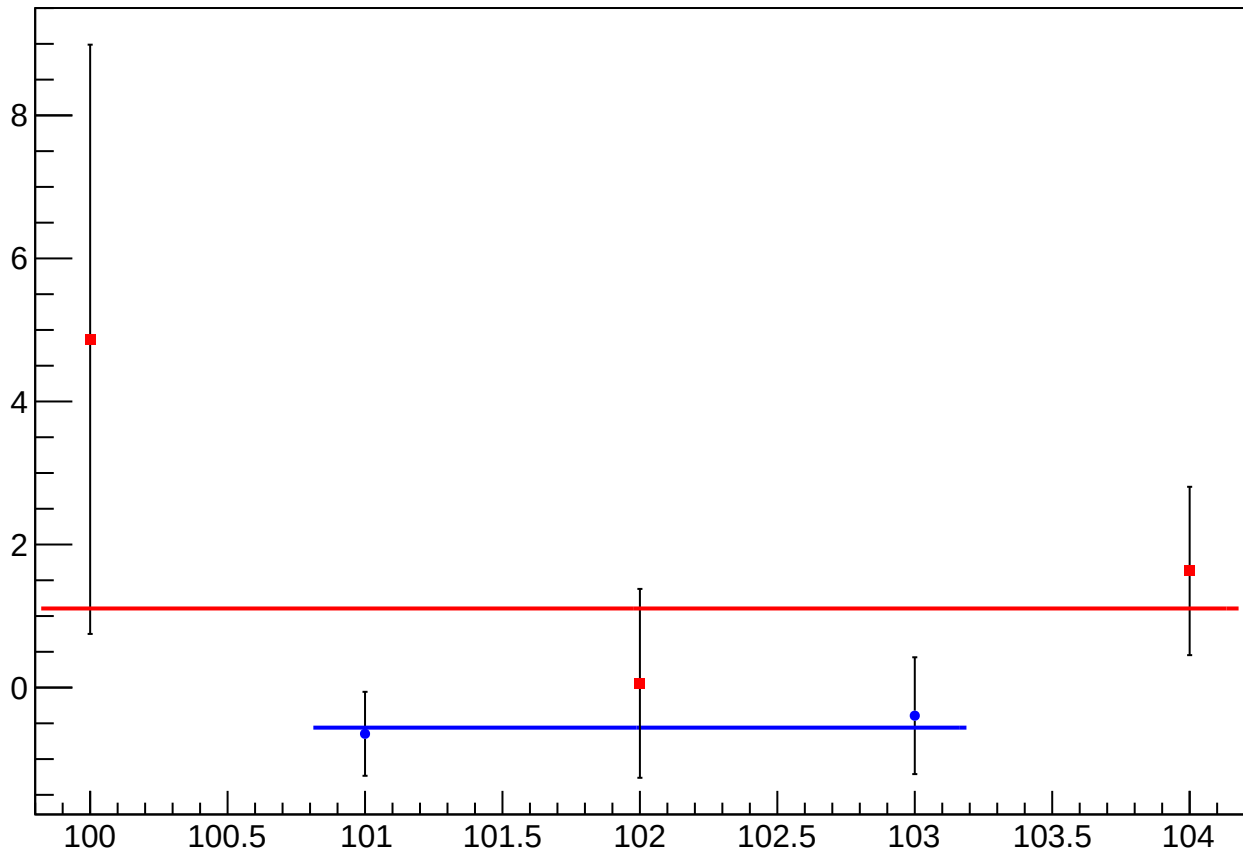
Right: 0.006+/-0.000 χ^2/NDF : 484290.7/4

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 : 484290.7/4

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.106 $\pm$ 0.859 χ^2 /NDF: 1.7/2

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

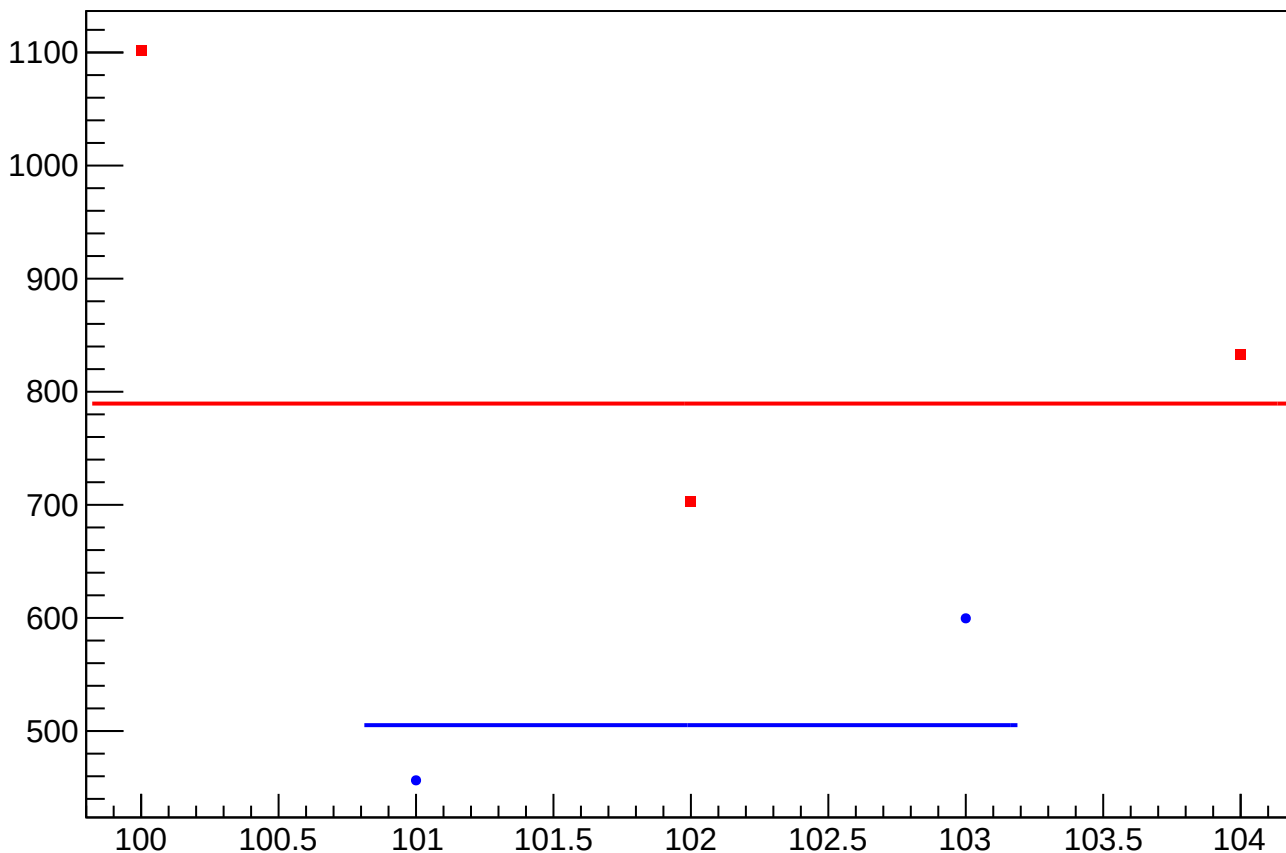
Right: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

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: 789.548+/-0.608 χ^2/NDF : 22748.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

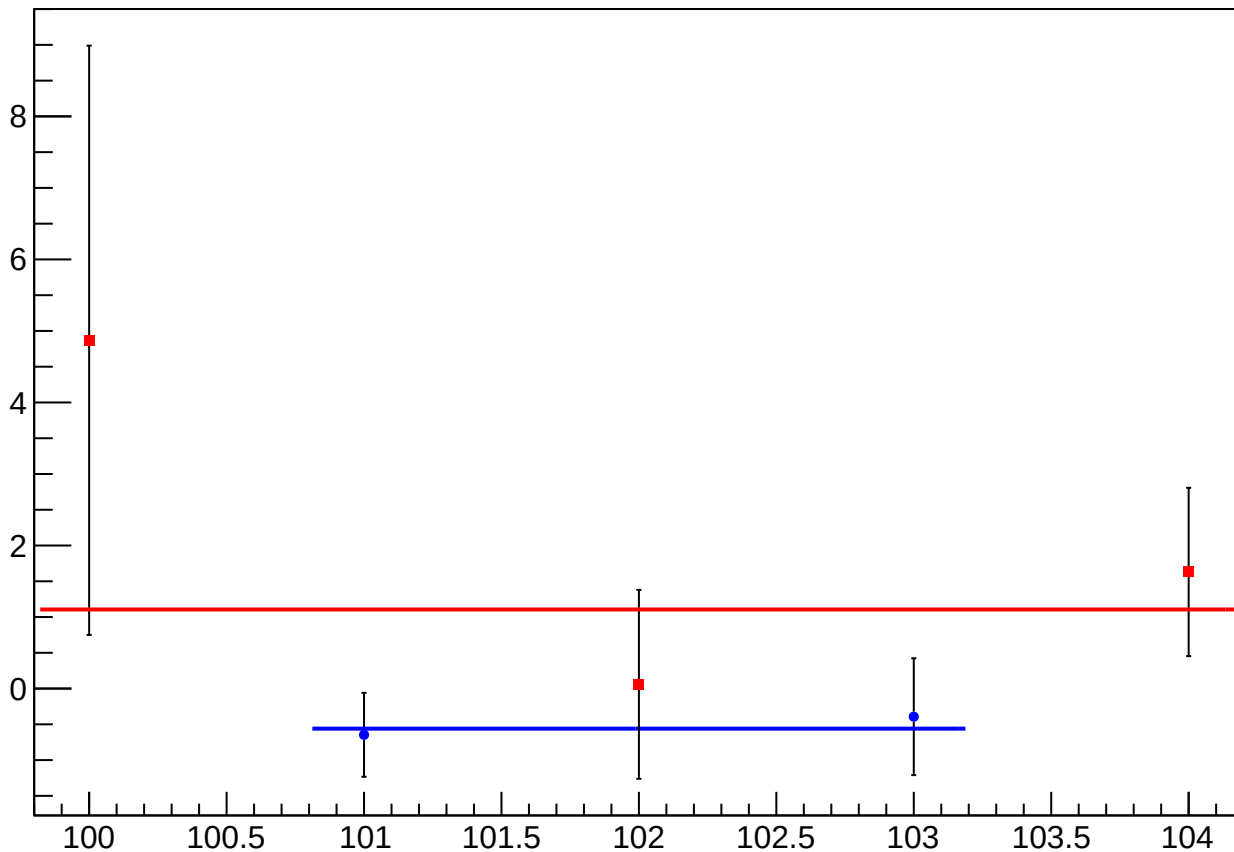
Right: 572.102+/-0.295 χ^2/NDF : 230831.1/4

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.102+/-0.295 χ^2/NDF : 230831.1/4

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.106 $\pm$ 0.859 χ^2 /NDF: 1.7/2

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

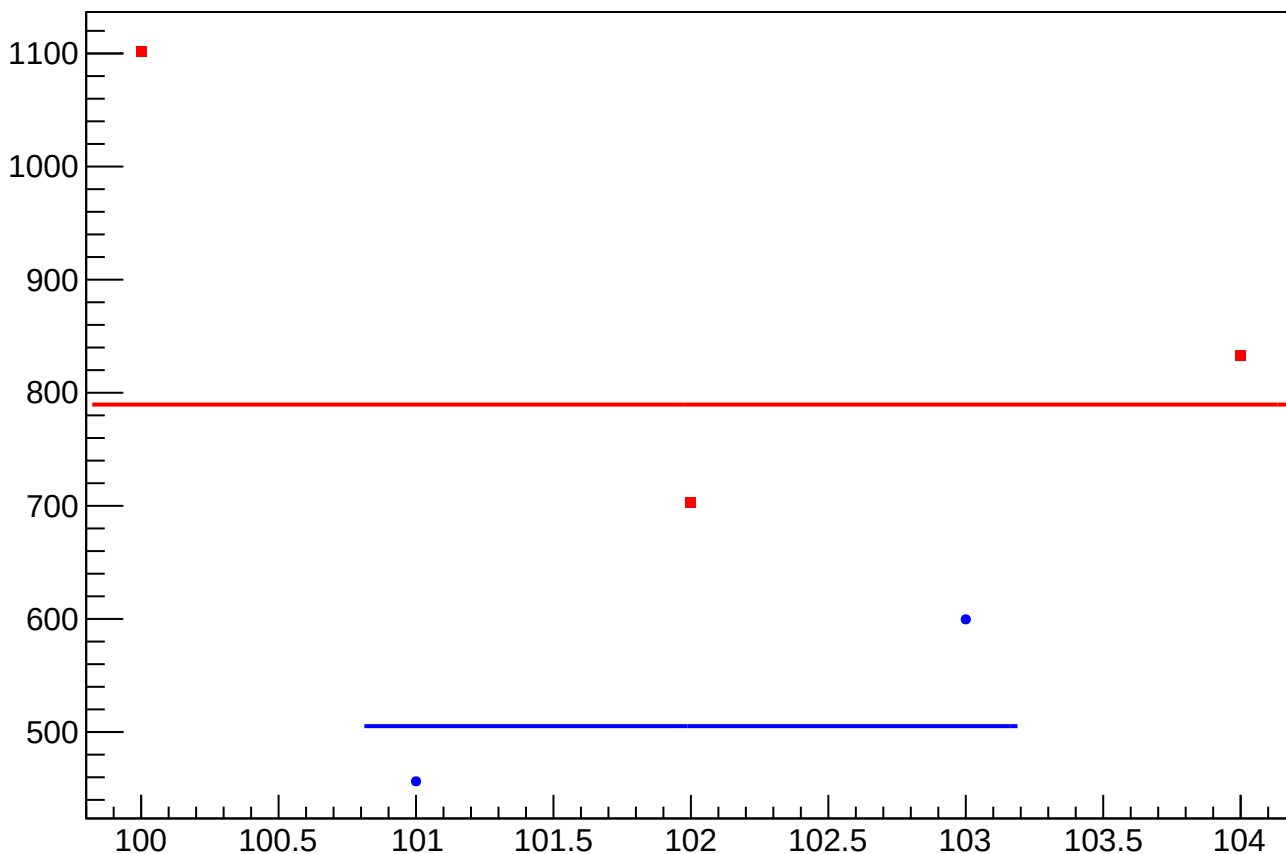
Right: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

In: -0.560 $\pm$ 0.477 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.168 $\pm$ 0.417 χ^2 /NDF: 4.6/4

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: 789.548+/-0.608 χ^2/NDF : 22748.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

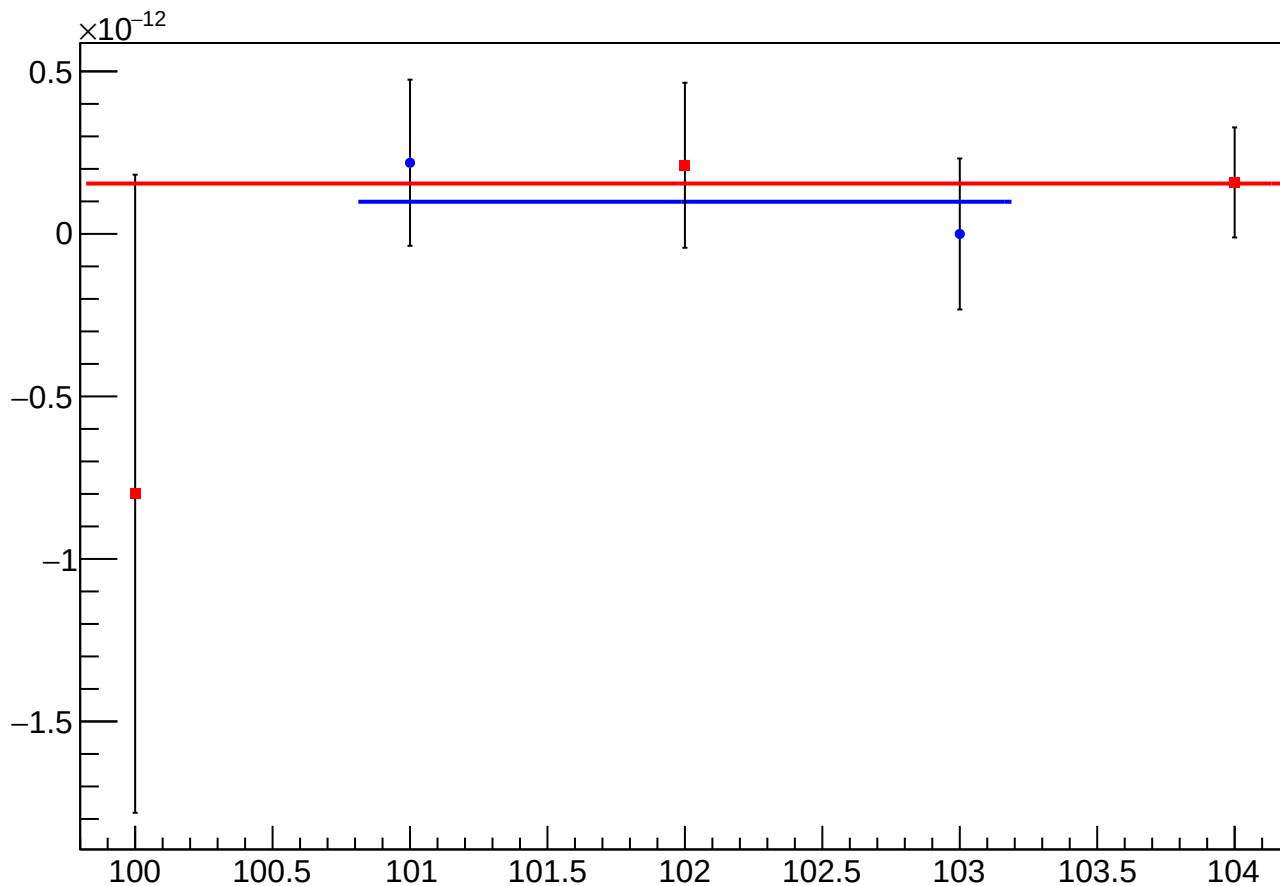
Right: 572.102+/-0.295 χ^2/NDF : 230831.1/4

In: 505.193+/-0.337 χ^2/NDF : 40574.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.102+/-0.295 χ^2/NDF : 230831.1/4

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 : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

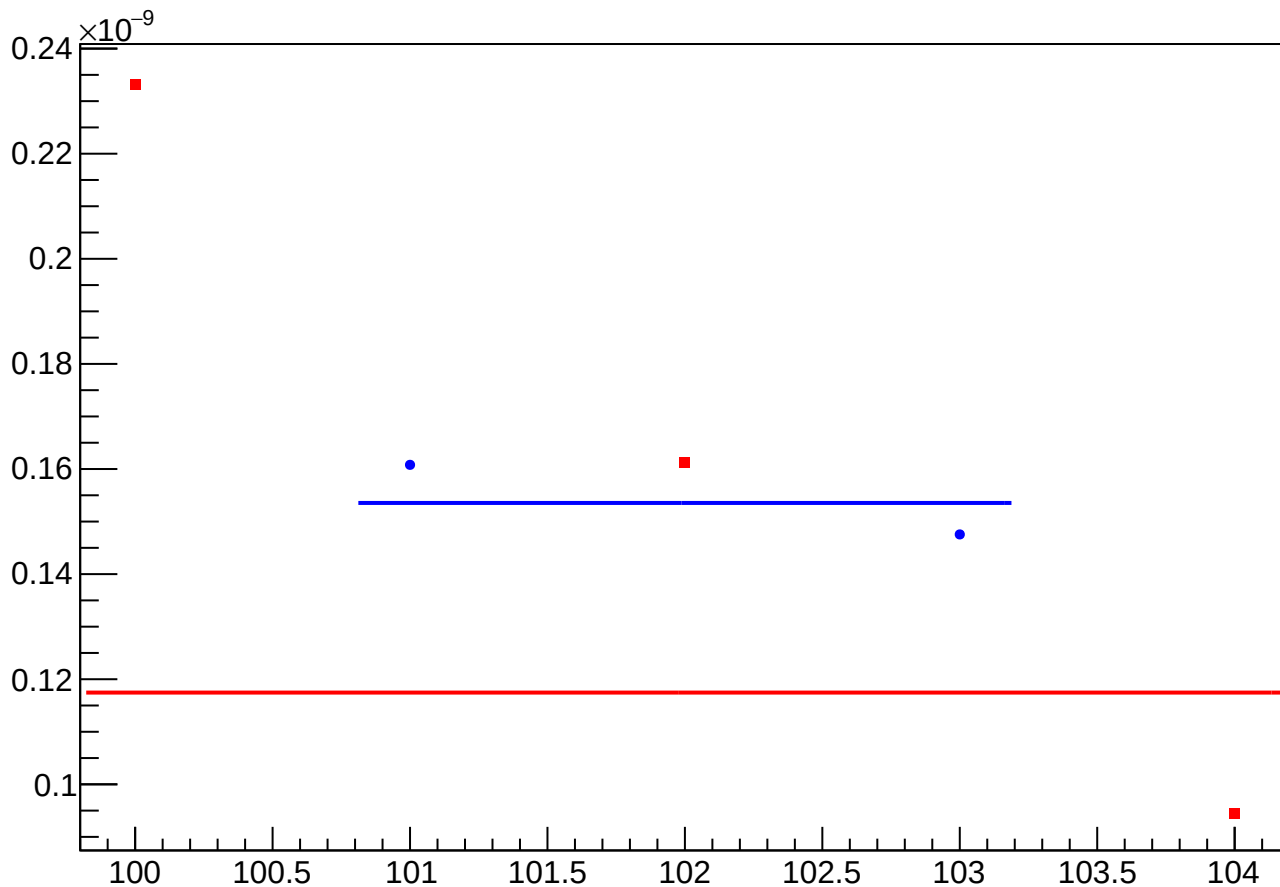
Right: 0.000+/-0.000 χ^2/NDF : 1.5/4

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 : 1.5/4

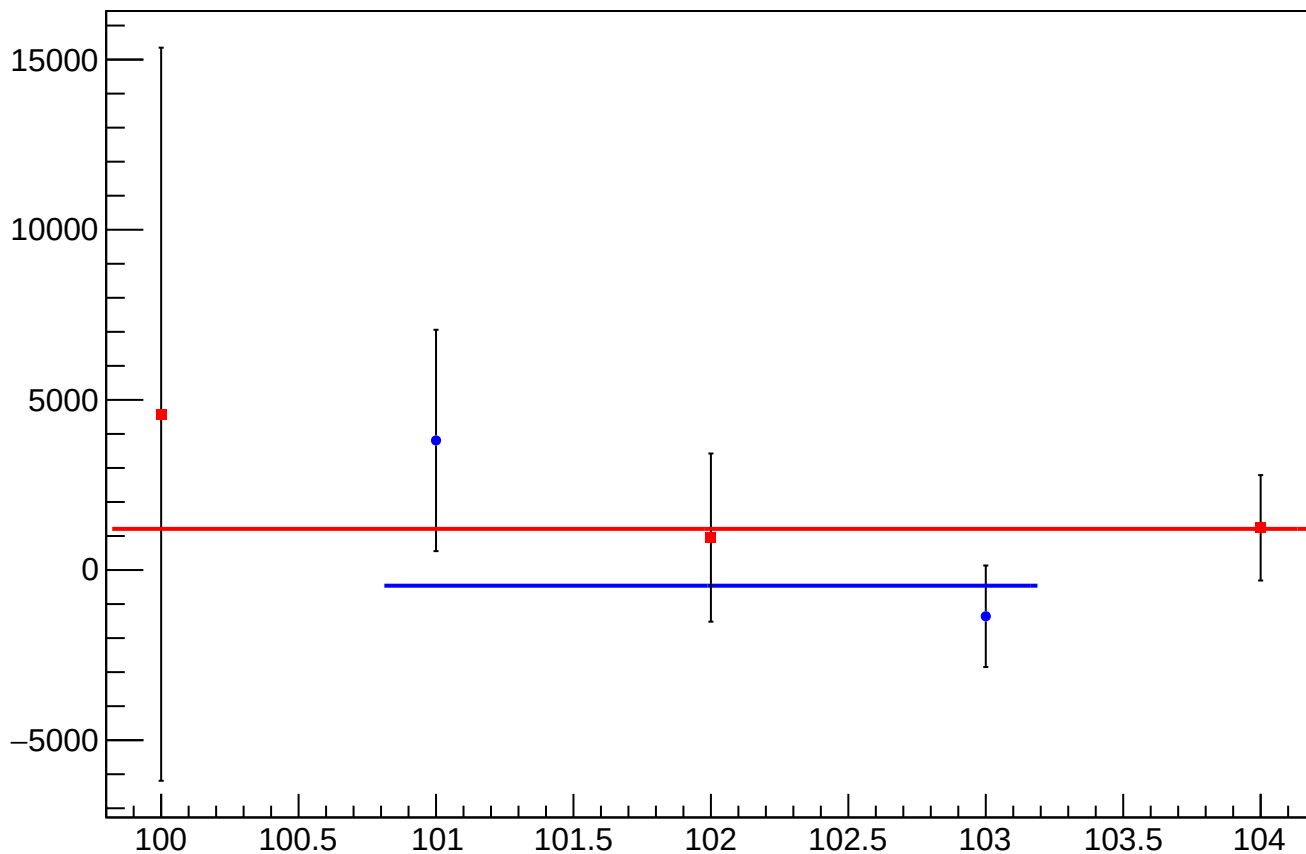
asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 124227.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 180317.4/4
 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 : 180317.4/4

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: 1209.945+/-1302.669 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

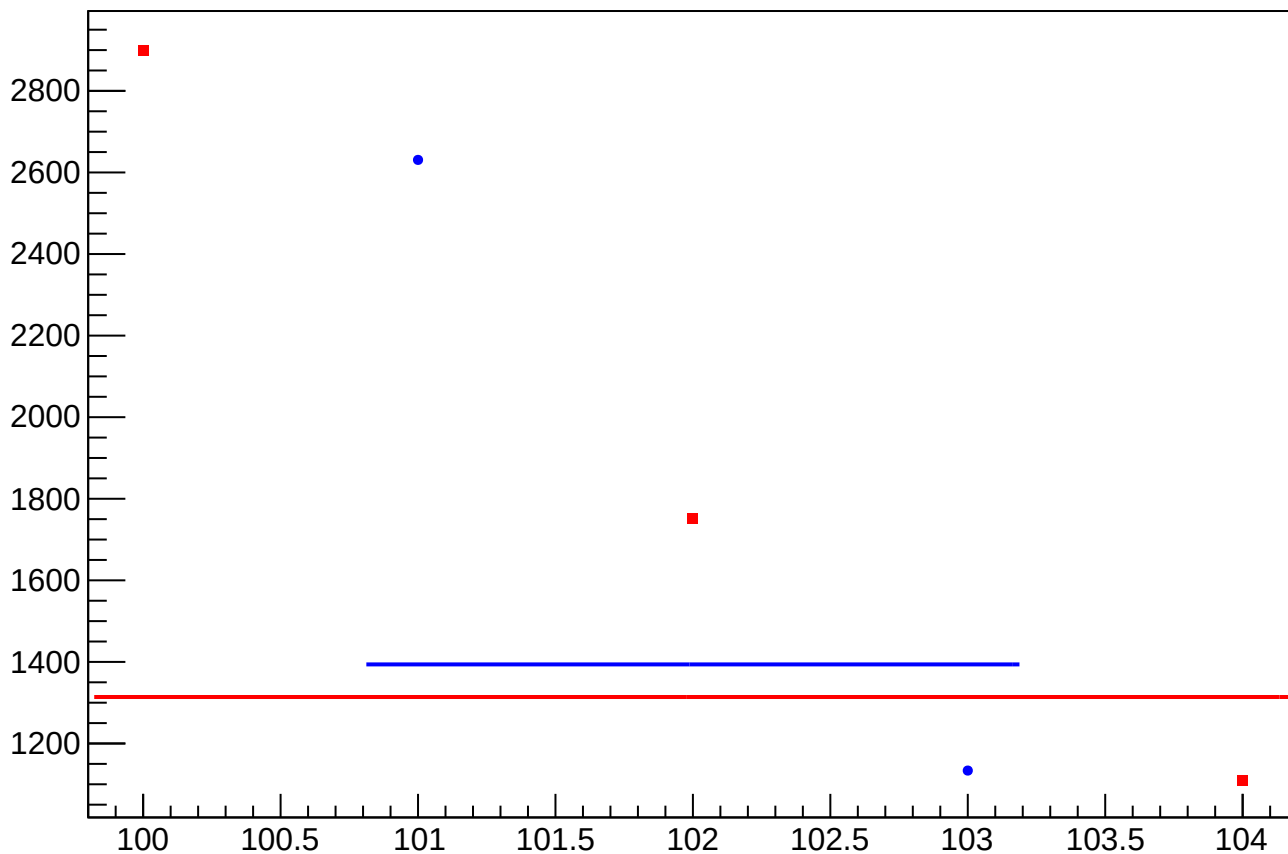
Right: 408.589+/-939.431 χ^2/NDF : 3.0/4

In: -459.787+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.589+/-939.431 χ^2/NDF : 3.0/4

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: 1313.980+/-0.921 χ^2/NDF : 140598.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

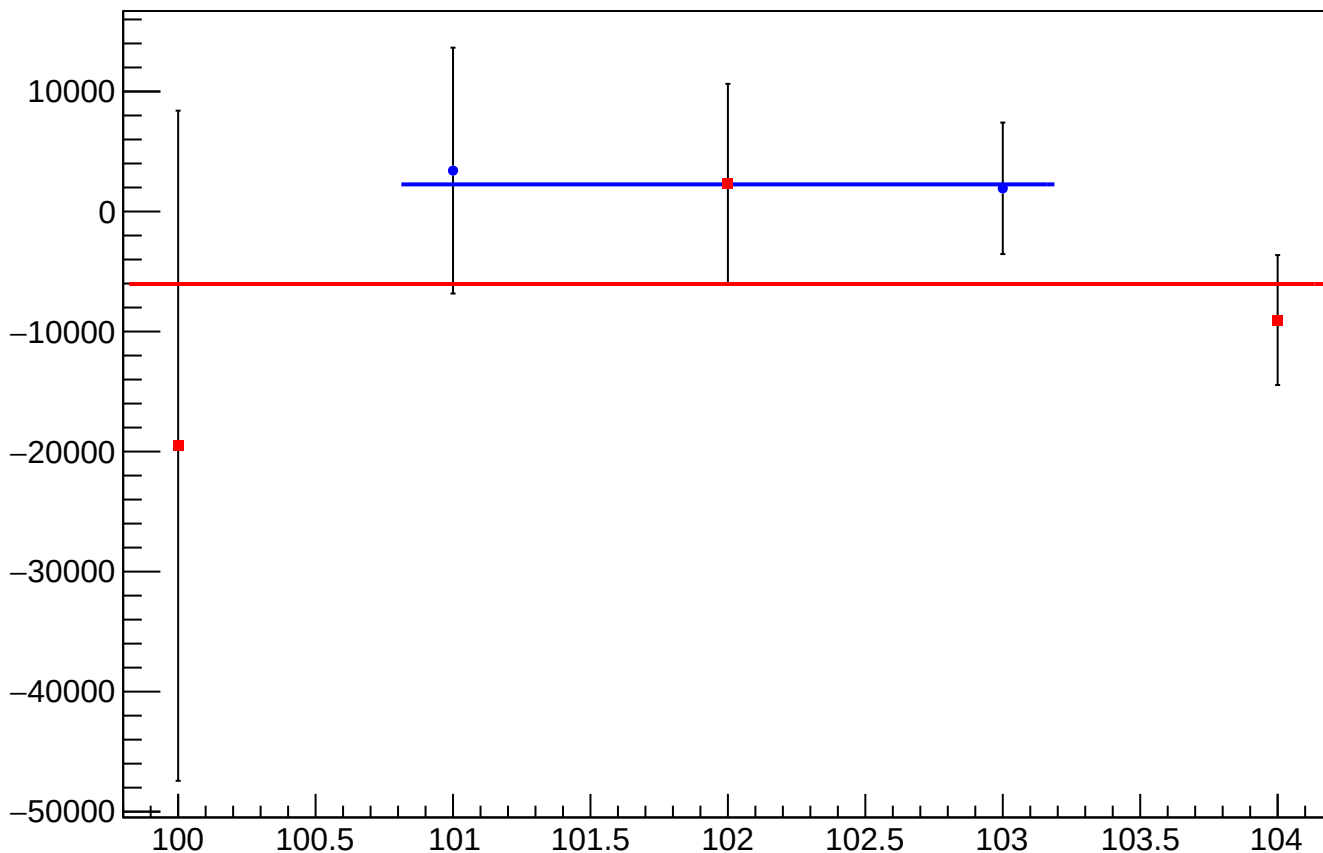
Right: 1352.333+/-0.664 χ^2/NDF : 494361.4/4

In: 1393.892+/-0.959 χ^2/NDF : 350151.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.333+/-0.664 χ^2/NDF : 494361.4/4

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2260.192+/-4830.821 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6038.914+/-4481.611 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

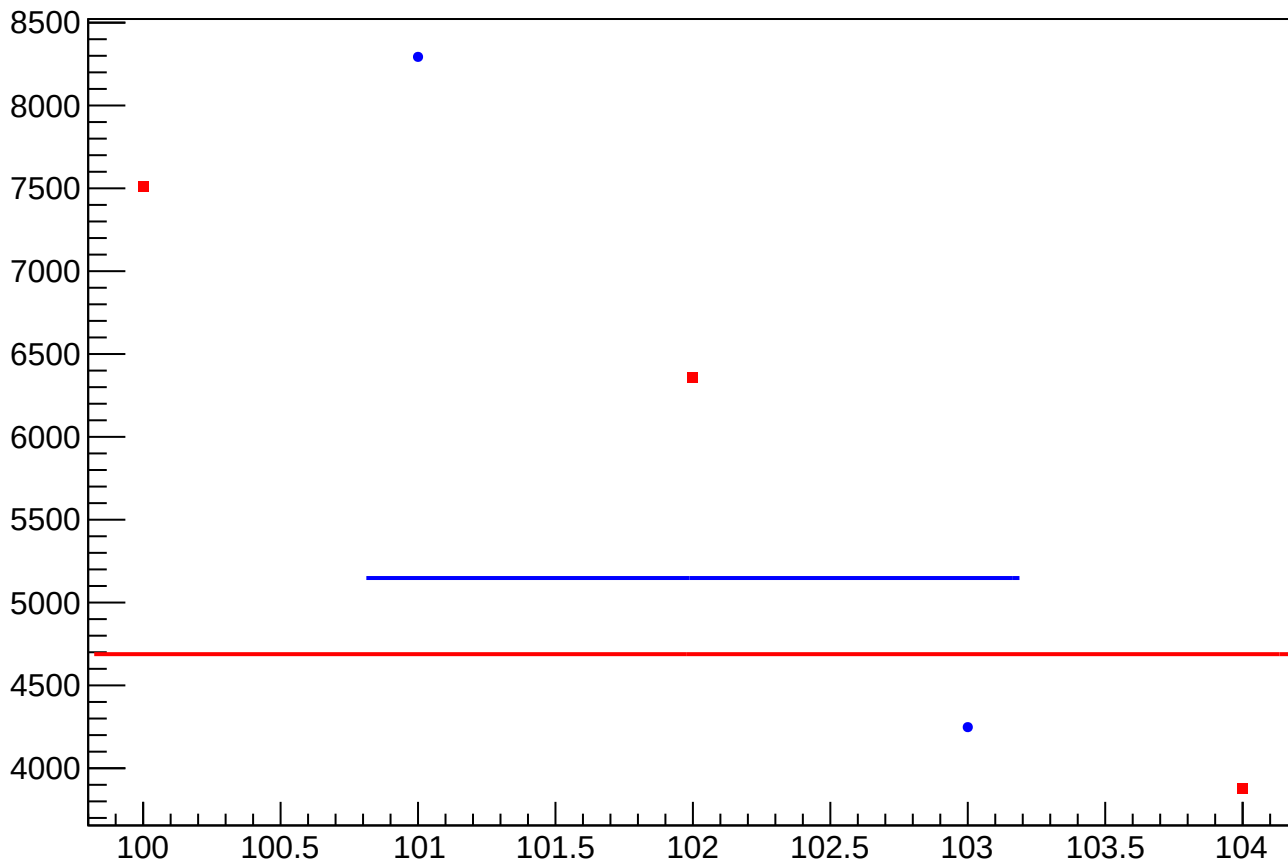
Right: -2200.135+/-3285.503 χ^2/NDF : 3.1/4

In: 2260.192+/-4830.821 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2200.135+/-3285.503 χ^2/NDF : 3.1/4

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: 4688.511+/-3.169 χ^2/NDF : 145087.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

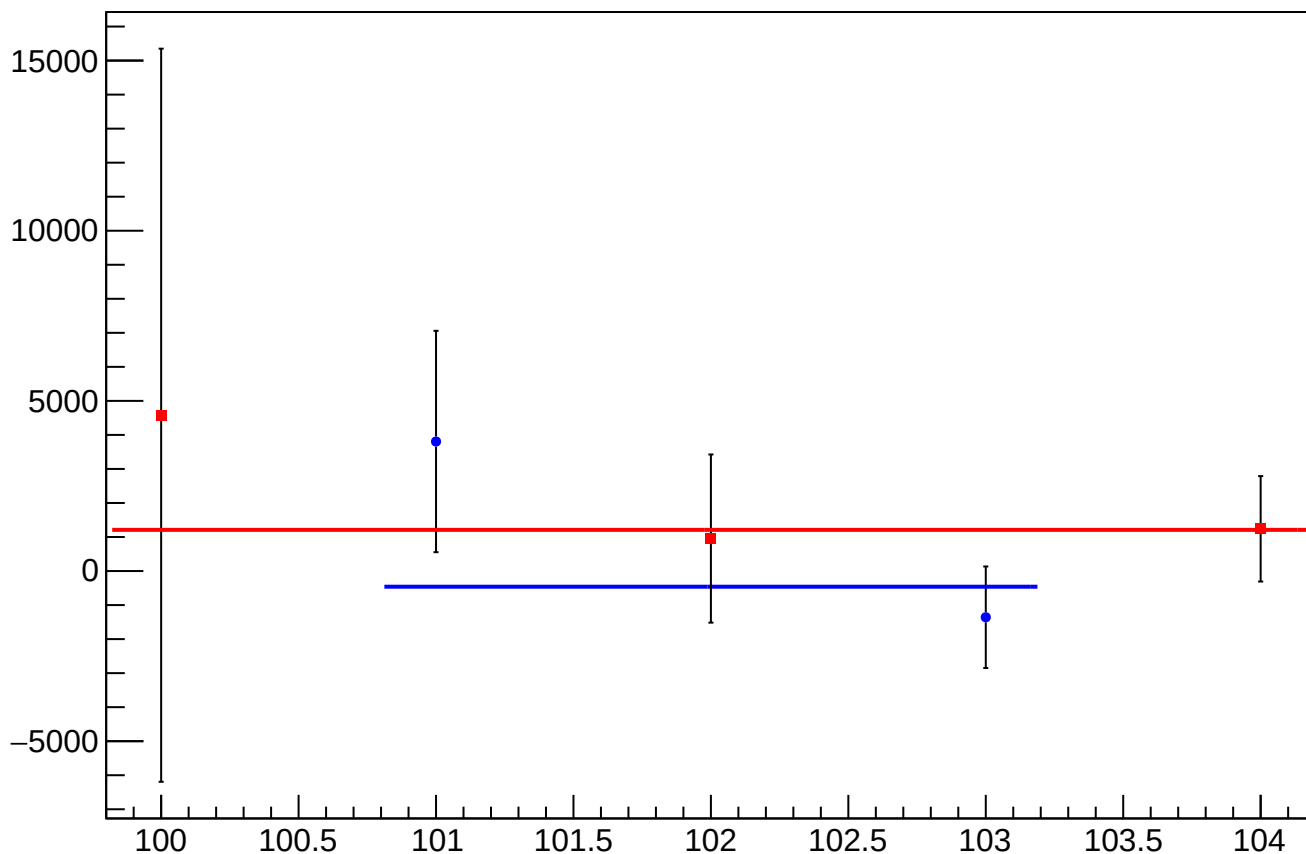
Right: 4901.060+/-2.323 χ^2/NDF : 397414.0/4

In: 5148.024+/-3.416 χ^2/NDF : 242601.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4901.060+/-2.323 χ^2/NDF : 397414.0/4

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: 1210.216+/-1302.670 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

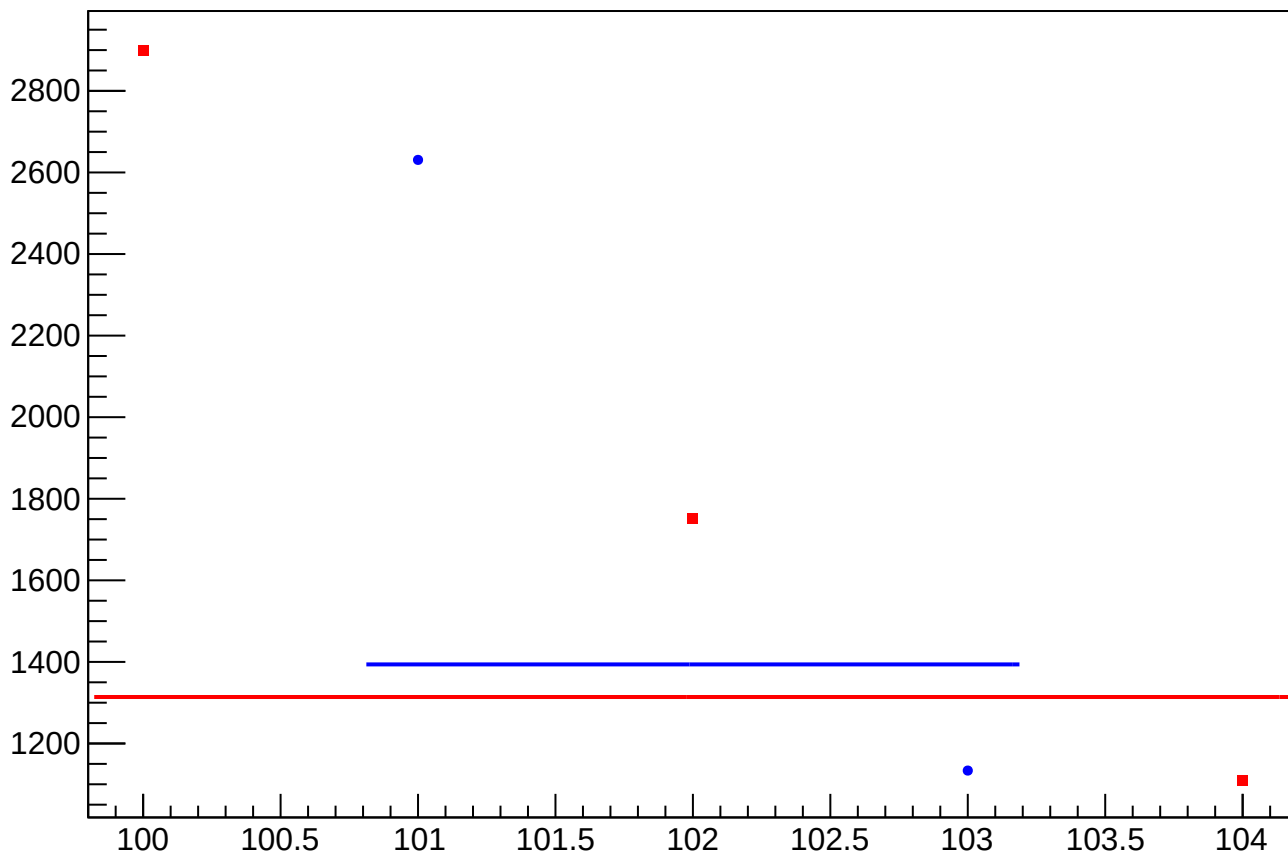
Right: 408.522+/-939.431 χ^2/NDF : 3.0/4

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.522+/-939.431 χ^2/NDF : 3.0/4

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: 1313.980+/-0.921 χ^2/NDF : 140597.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

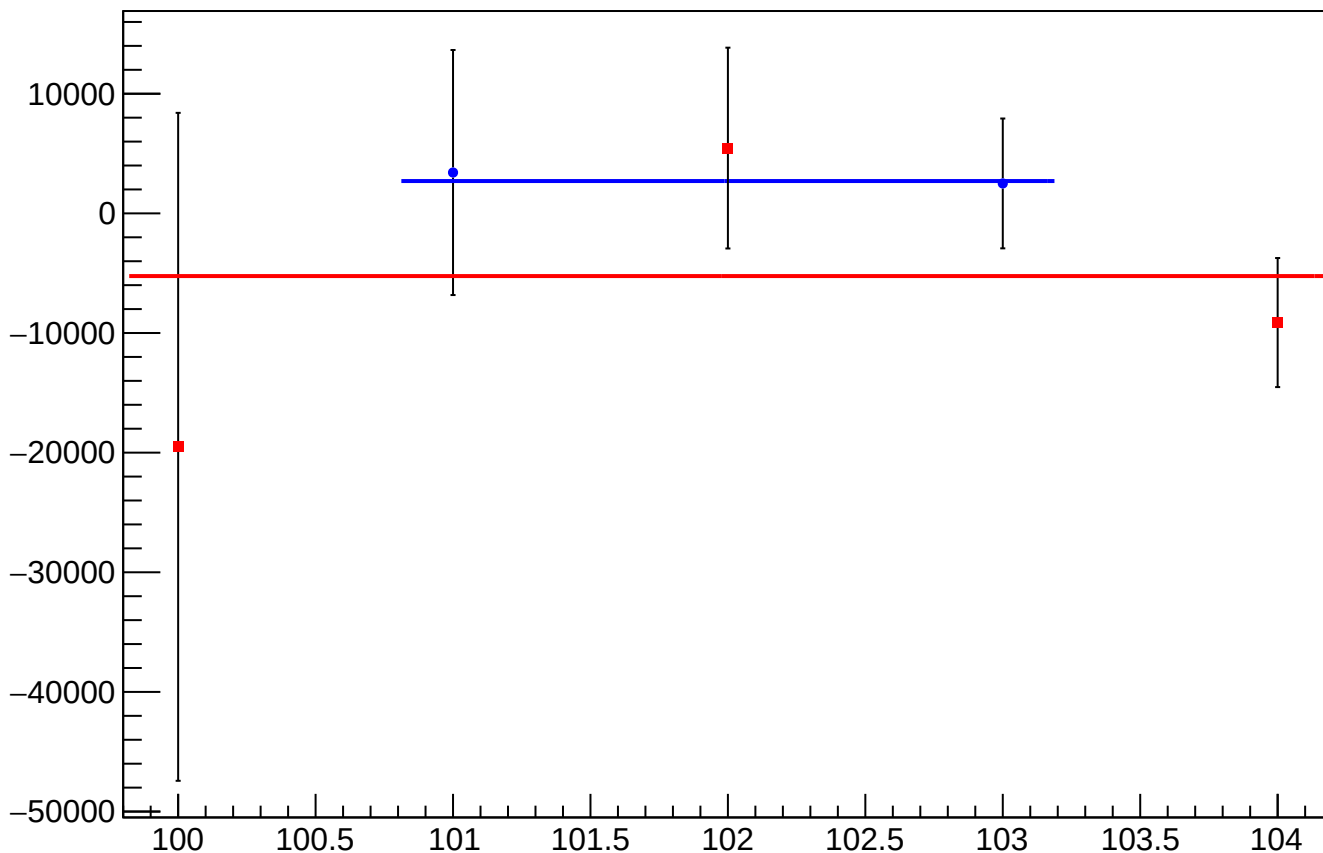
Right: 1352.332+/-0.664 χ^2/NDF : 494361.0/4

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.332+/-0.664 χ^2/NDF : 494361.0/4

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: -5240.579+/-4478.732 χ^2 /NDF: 2.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

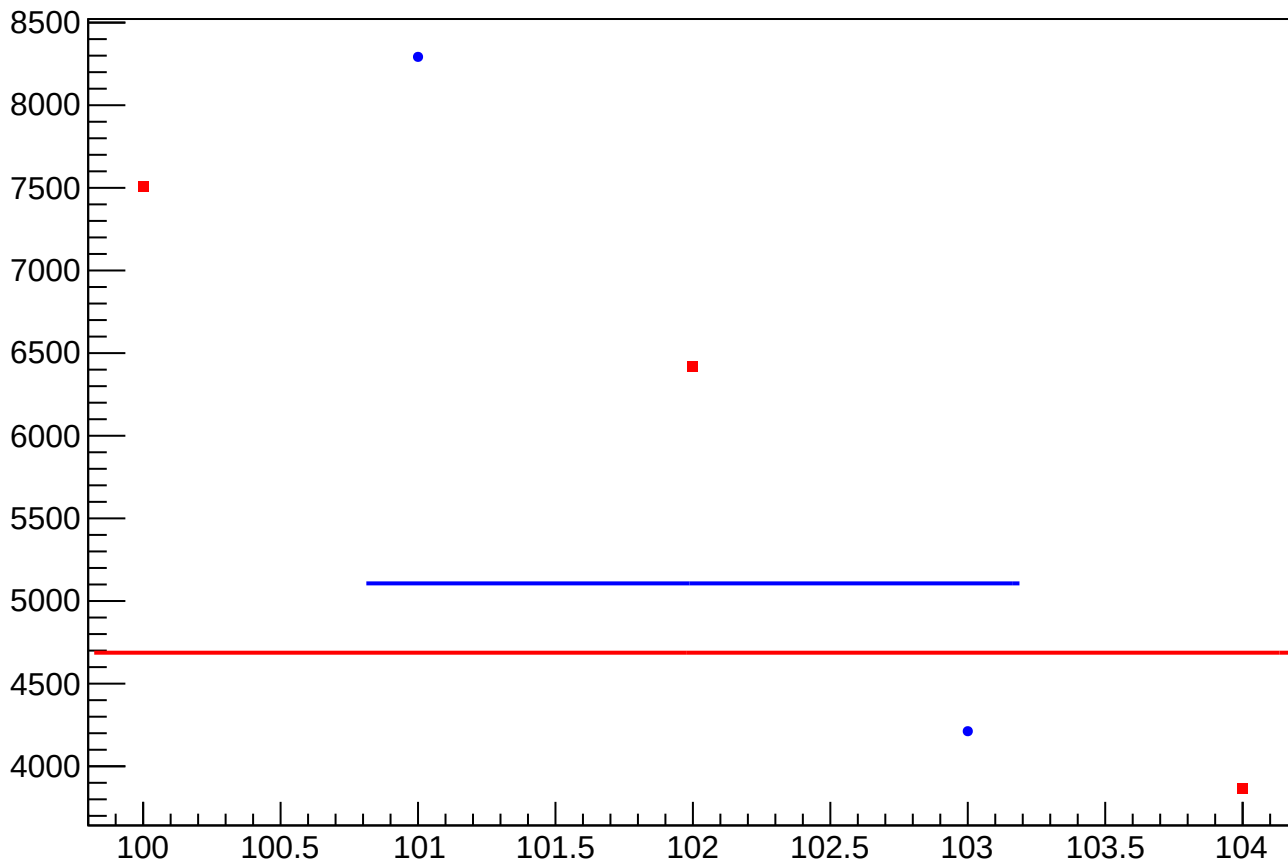
Right: -1539.372+/-3272.960 χ^2 /NDF: 3.9/4

In: 2702.552+/-4794.737 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1539.372+/-3272.960 χ^2 /NDF: 3.9/4

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: 4687.252+/-3.167 χ^2/NDF : 151562.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

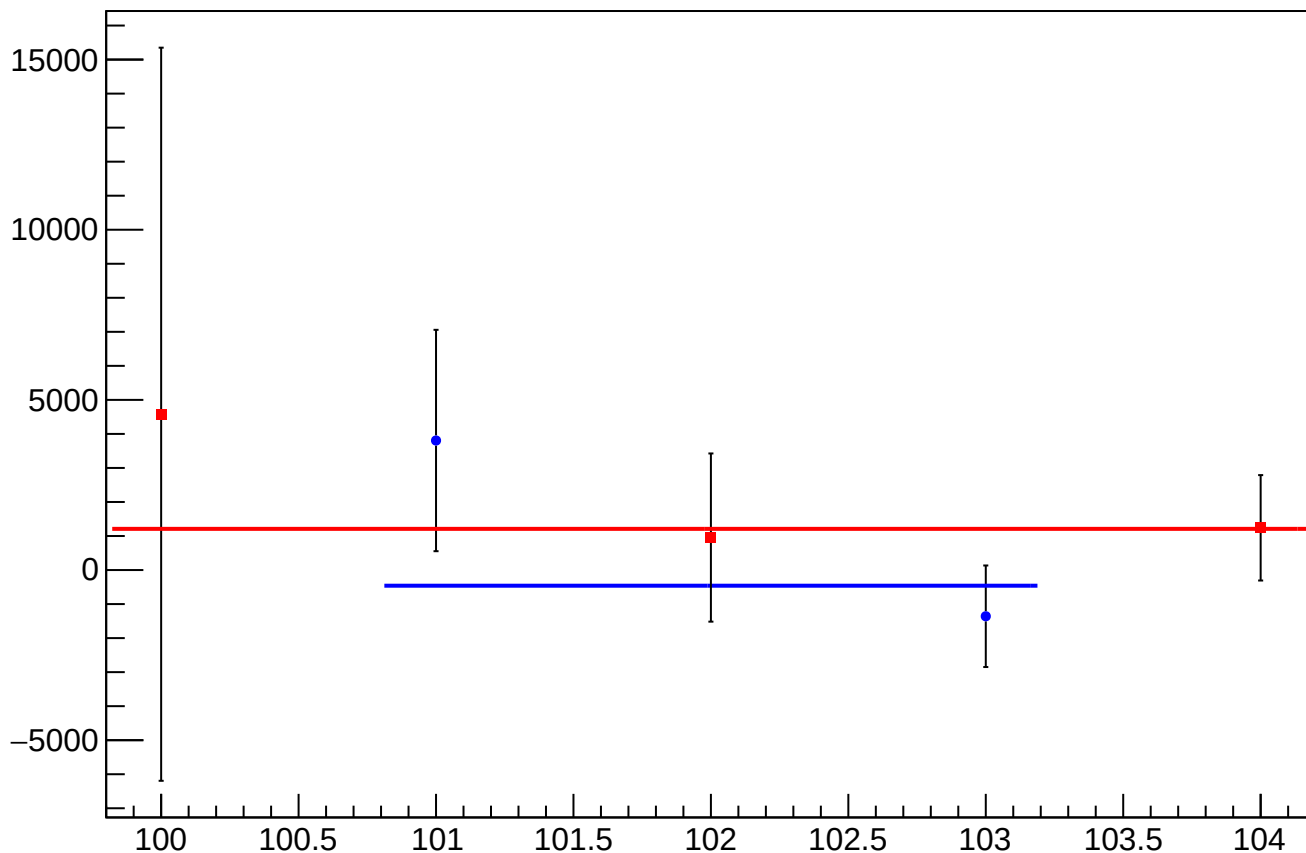
Right: 4882.691+/-2.314 χ^2/NDF : 407630.2/4

In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4882.691+/-2.314 χ^2/NDF : 407630.2/4

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: 1210.216+/-1302.670 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

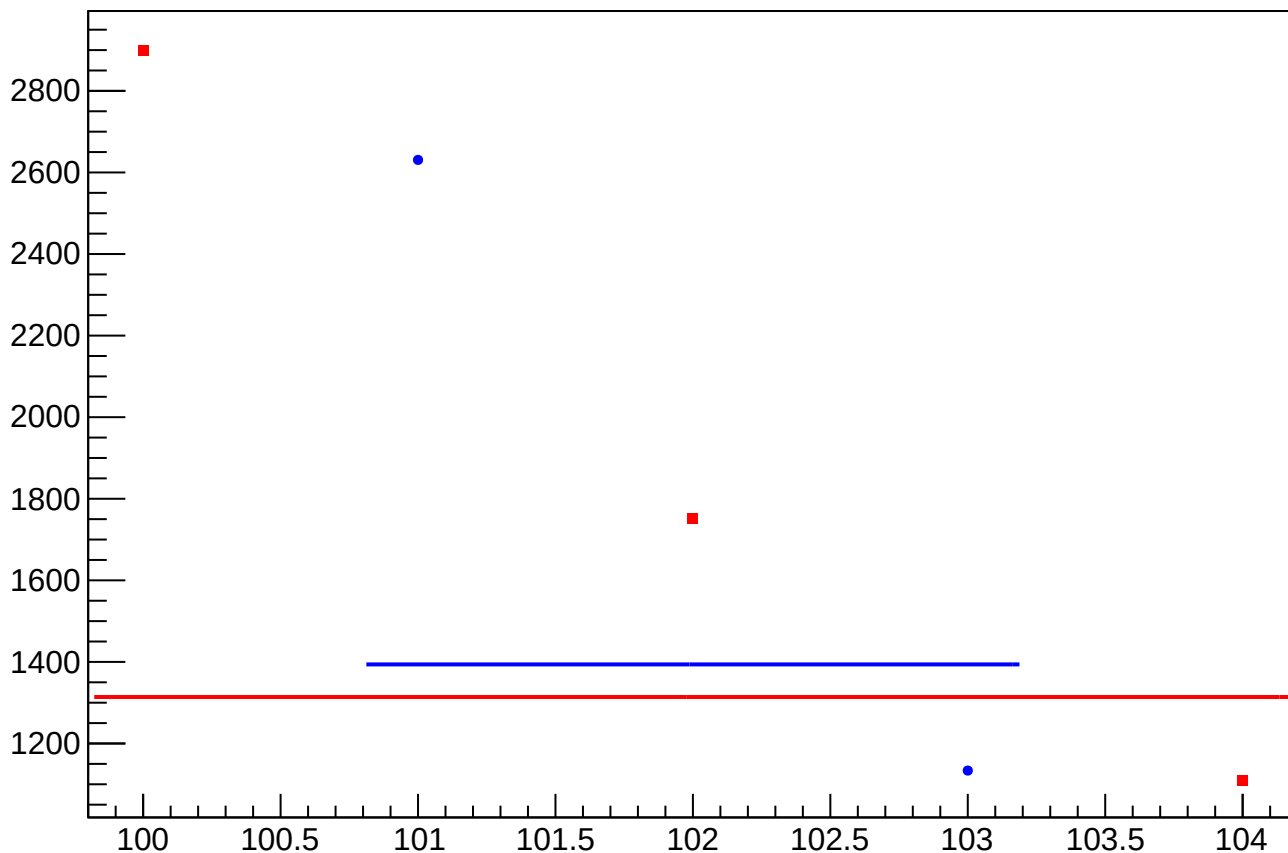
Right: 408.522+/-939.431 χ^2/NDF : 3.0/4

In: -460.221+/-1356.049 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.522+/-939.431 χ^2/NDF : 3.0/4

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: 1313.980+/-0.921 χ^2/NDF : 140597.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

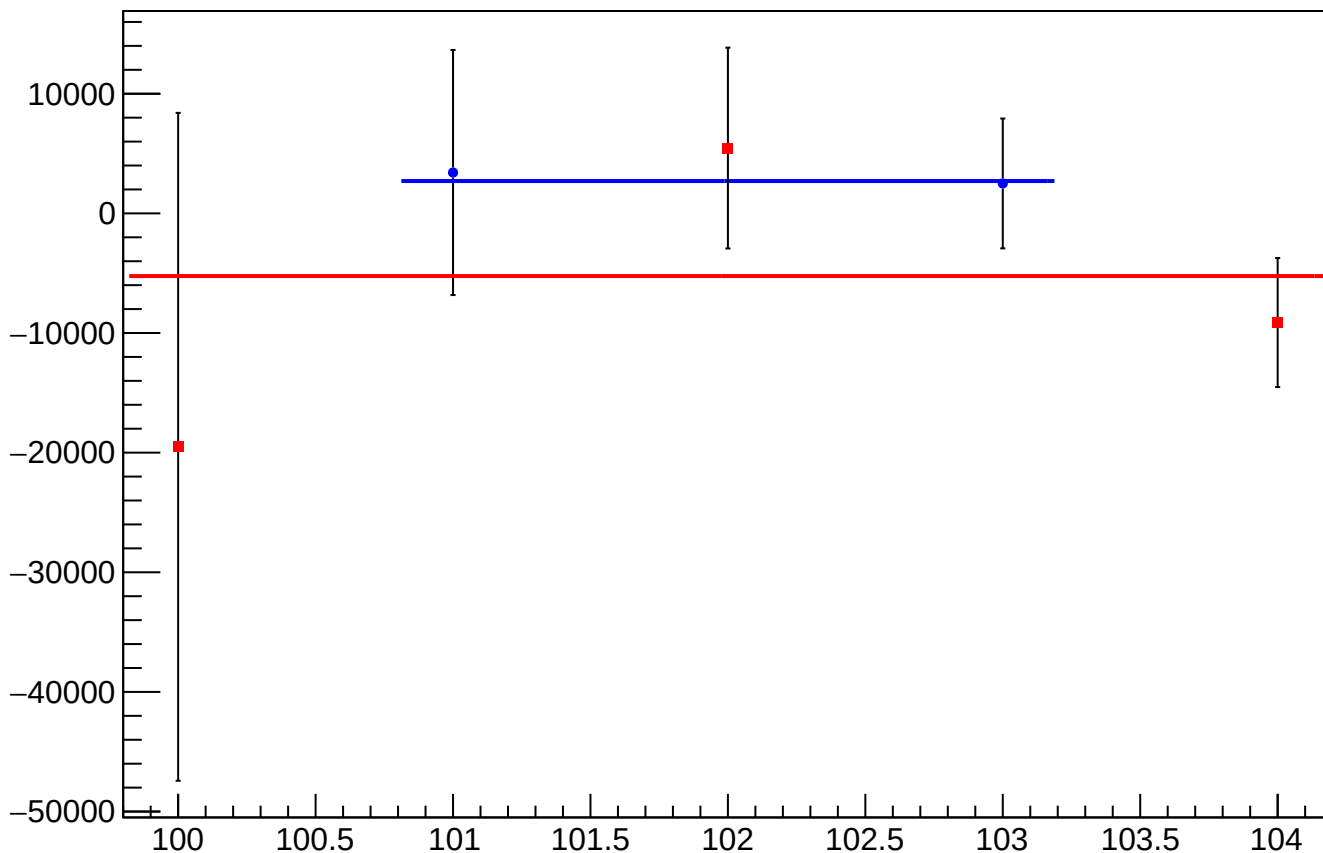
Right: 1352.332+/-0.664 χ^2/NDF : 494361.0/4

In: 1393.891+/-0.959 χ^2/NDF : 350151.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.332+/-0.664 χ^2/NDF : 494361.0/4

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2702.552+/-4794.737 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5240.579+/-4478.732 χ^2 /NDF: 2.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

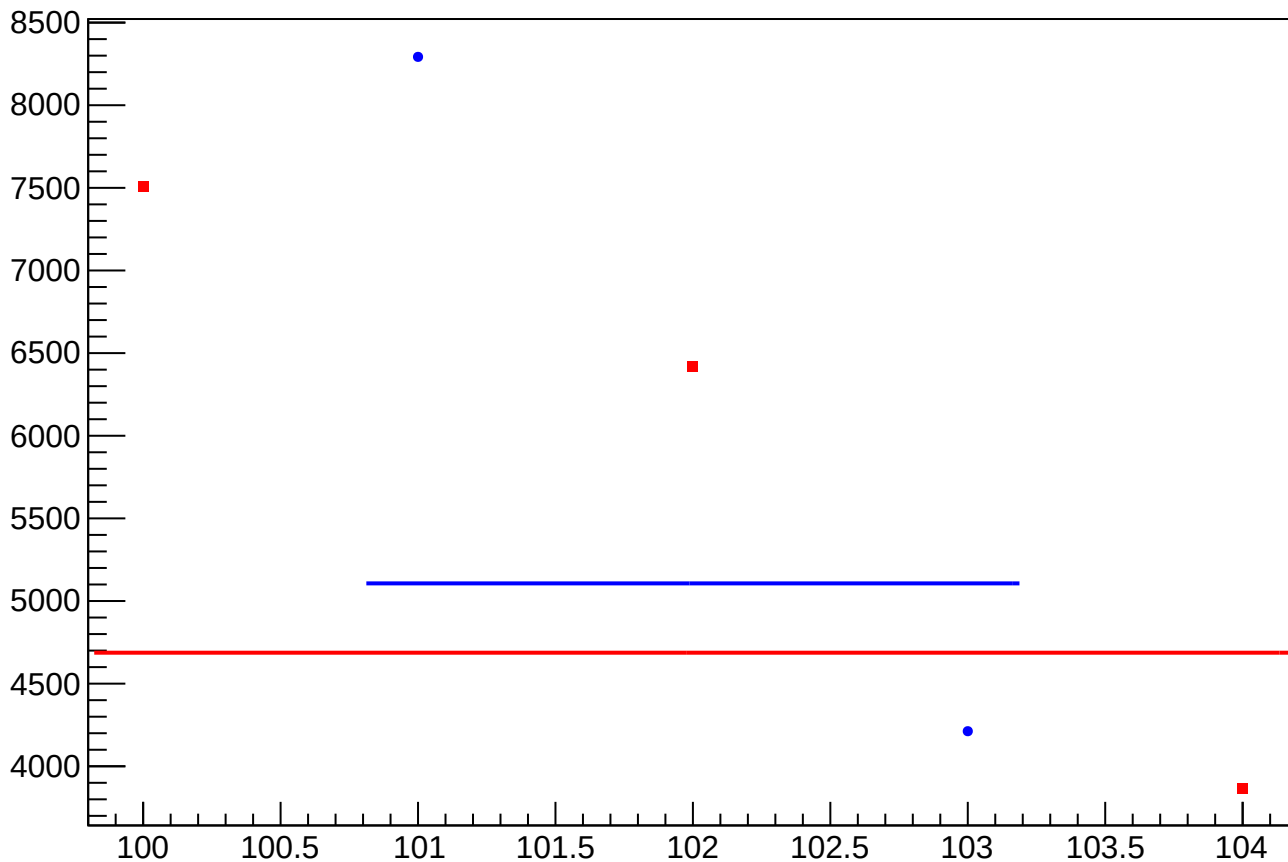
Right: -1539.372+/-3272.960 χ^2 /NDF: 3.9/4

In: 2702.552+/-4794.737 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1539.372+/-3272.960 χ^2 /NDF: 3.9/4

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4687.252+/-3.167 χ^2/NDF : 151562.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

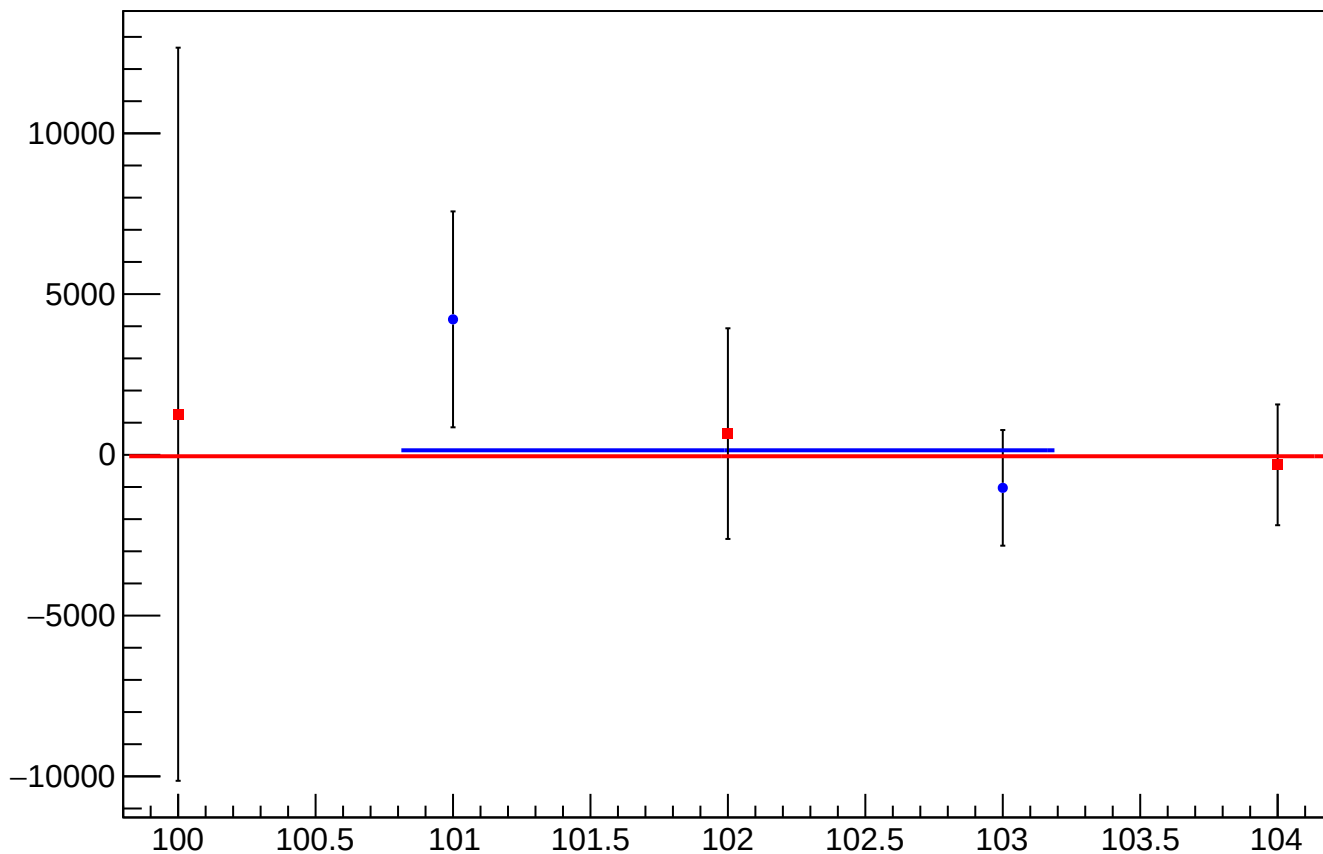
Right: 4882.691+/-2.314 χ^2/NDF : 407630.2/4

In: 5106.683+/-3.390 χ^2/NDF : 247894.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4882.691+/-2.314 χ^2/NDF : 407630.2/4

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.641+/-1585.399 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.724+/-1613.046 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

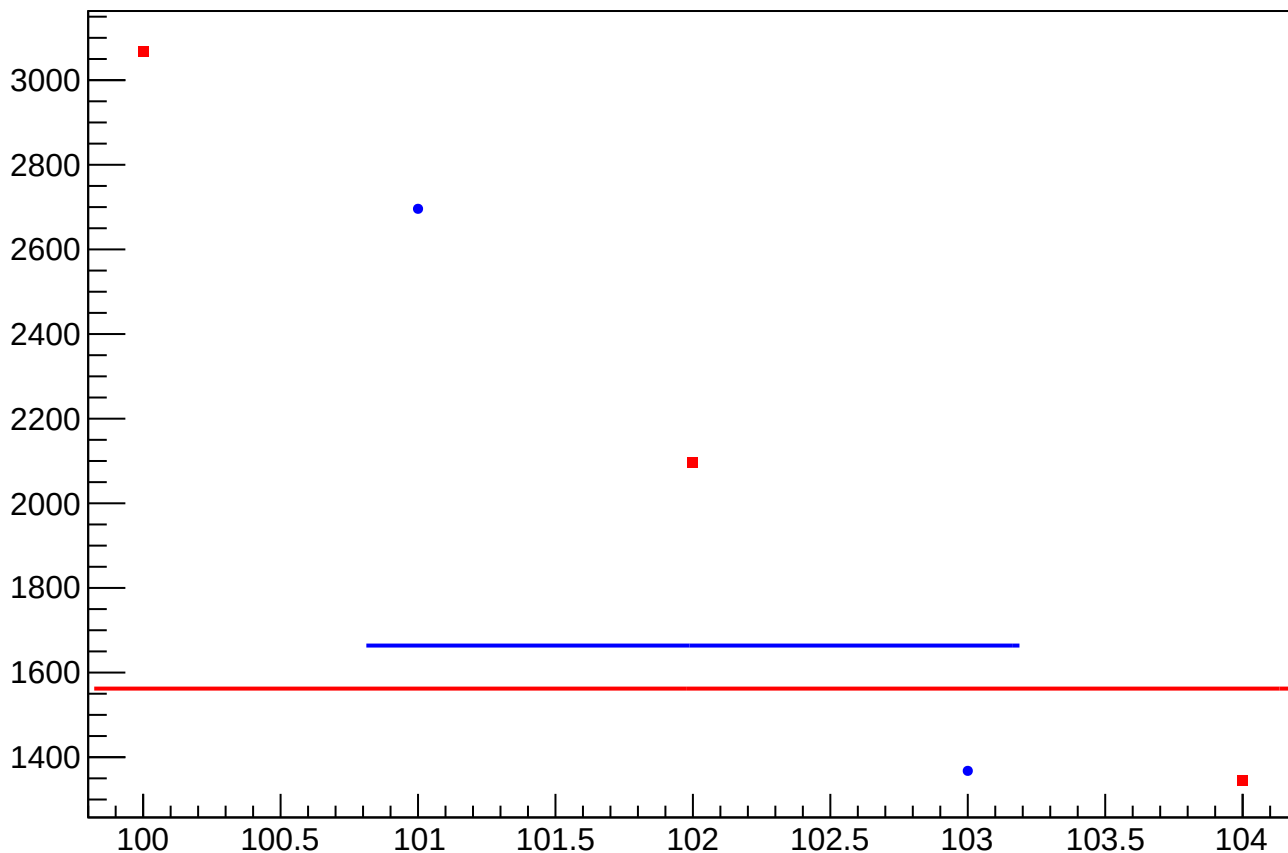
Right: 50.560+/-1130.694 χ^2/NDF : 2.0/4

In: 141.641+/-1585.399 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.560+/-1130.694 χ^2/NDF : 2.0/4

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: 1562.124+/-1.141 χ^2/NDF : 114755.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

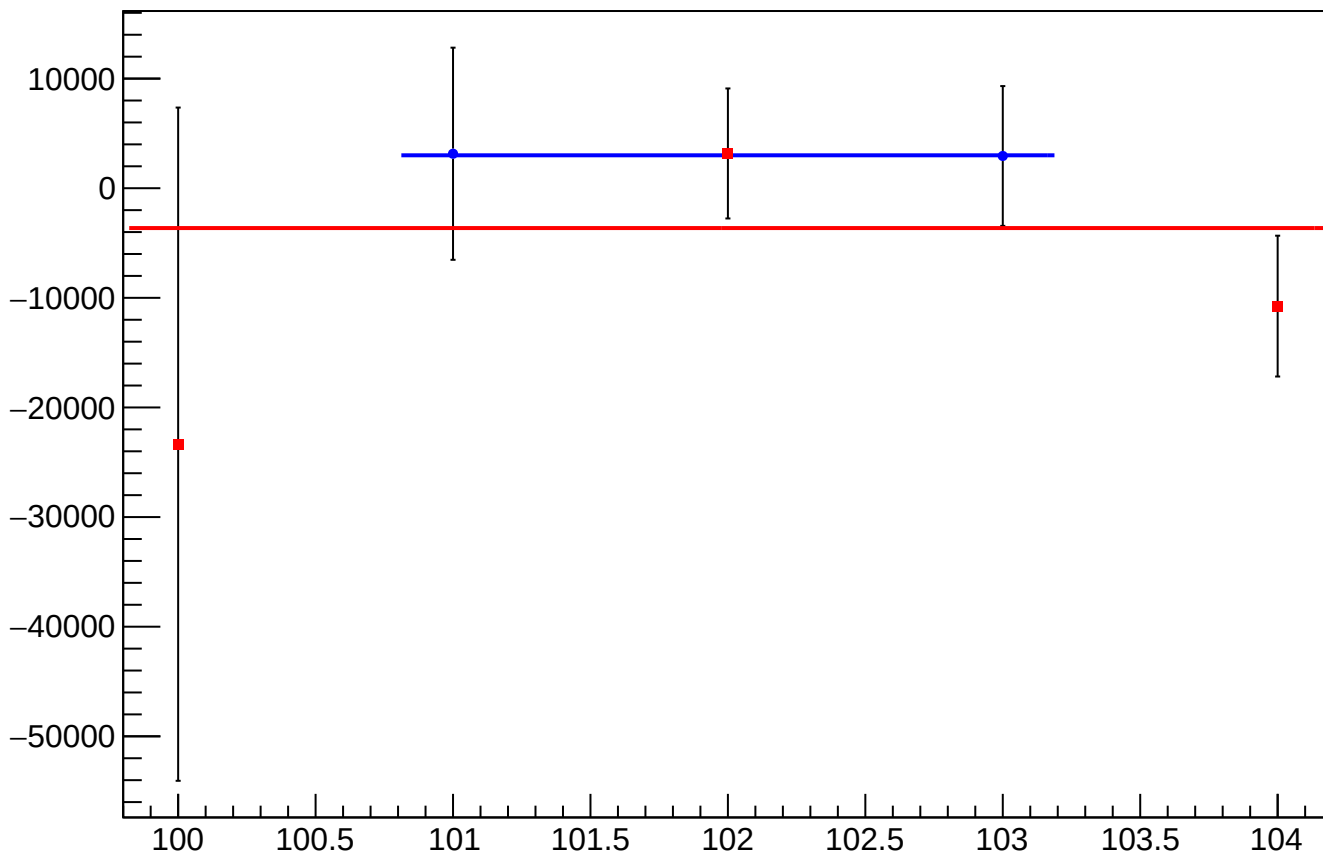
Right: 1613.856+/-0.800 χ^2/NDF : 361981.3/4

In: 1663.829+/-1.121 χ^2/NDF : 243181.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.856+/-0.800 χ^2/NDF : 361981.3/4

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: -3634.592+/-4314.200 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

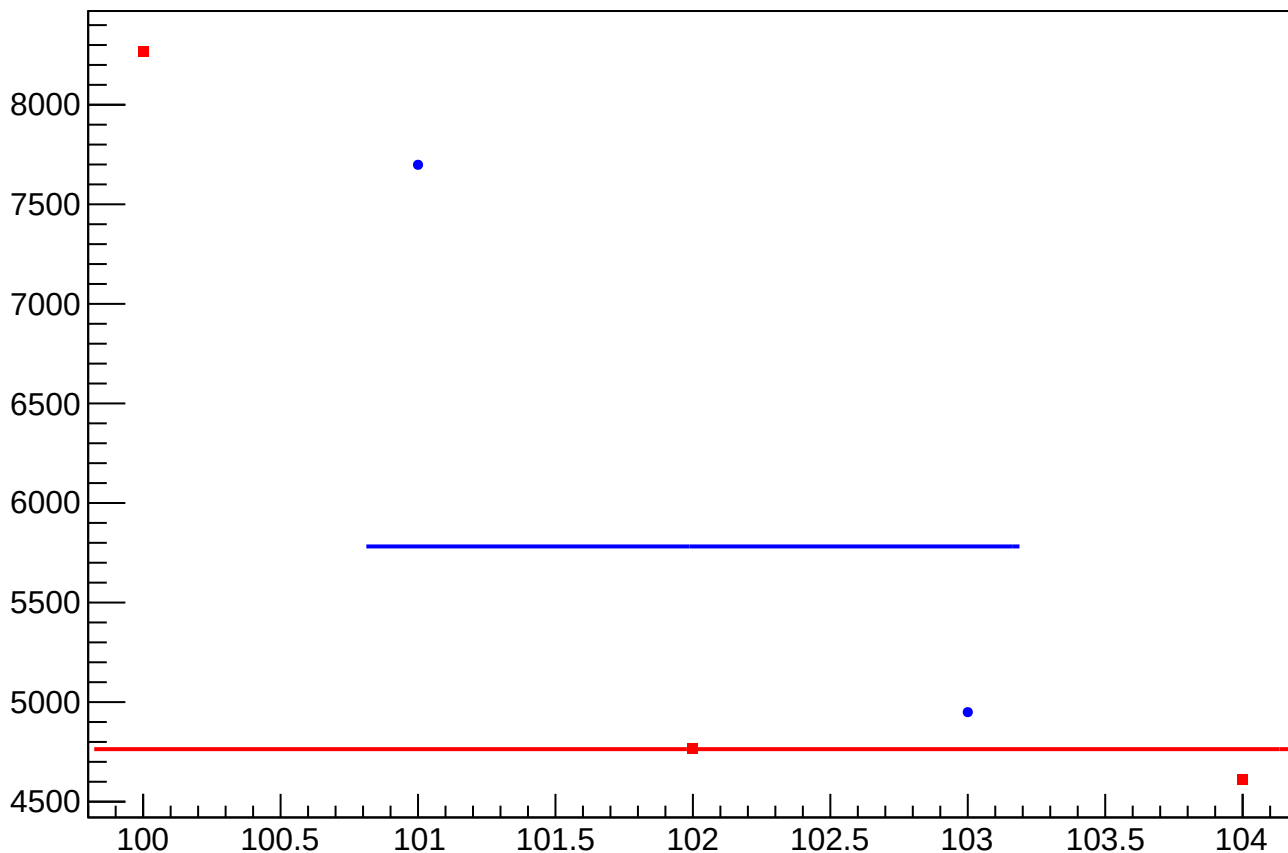
Right: -1003.716+/-3351.844 χ^2/NDF : 3.9/4

In: 3002.743+/-5323.906 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1003.716+/-3351.844 χ^2/NDF : 3.9/4

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: 4763.780+/-3.051 χ^2/NDF : 27156.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

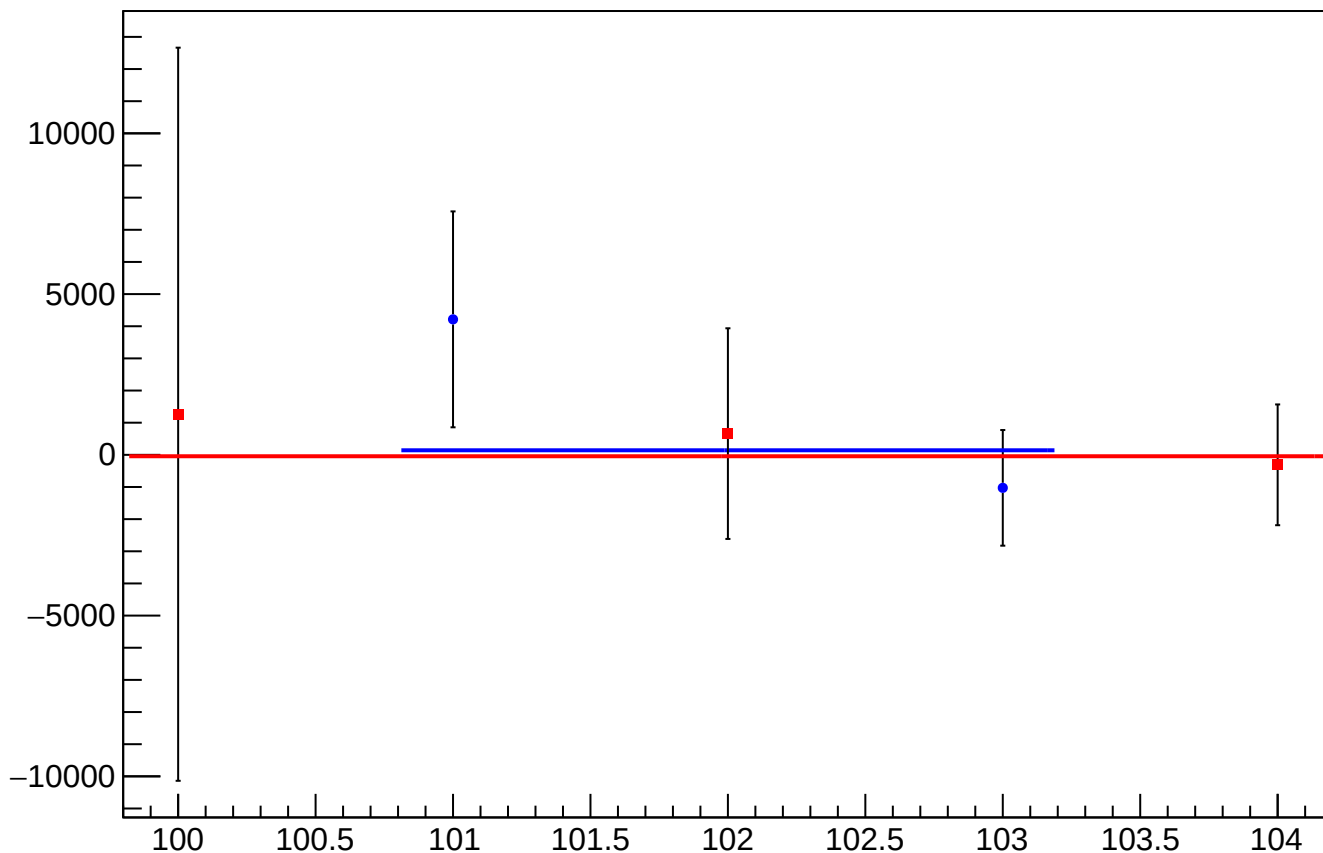
Right: 5167.295+/-2.370 χ^2/NDF : 183845.1/4

In: 5781.792+/-3.765 χ^2/NDF : 112548.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5167.295+/-2.370 χ^2/NDF : 183845.1/4

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 141.649 $\pm$ 1585.401 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.741 $\pm$ 1613.048 χ^2 /NDF: 0.1/2

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

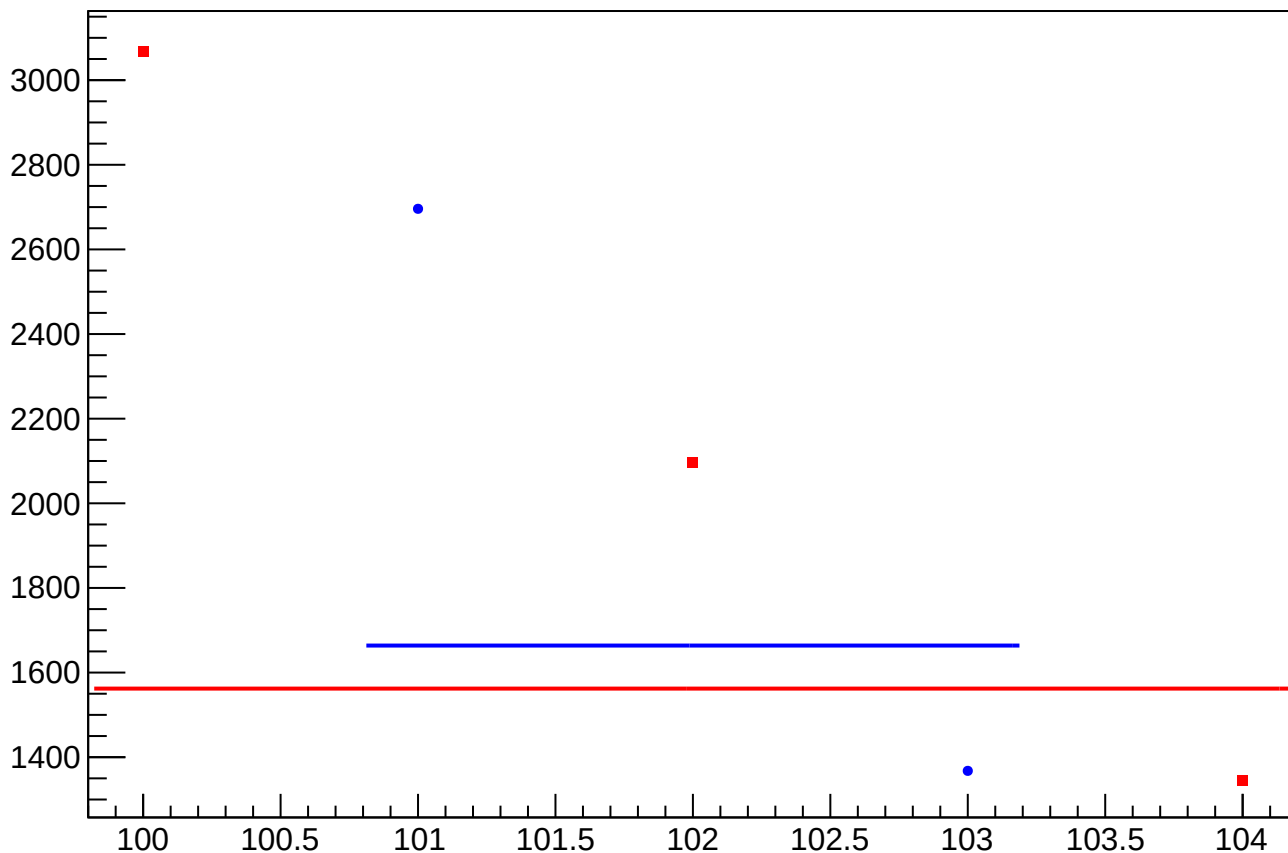
Right: 50.556 $\pm$ 1130.696 χ^2 /NDF: 2.0/4

In: 141.649 $\pm$ 1585.401 χ^2 /NDF:1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.556 $\pm$ 1130.696 χ^2 /NDF: 2.0/4

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: 1562.127+/-1.141 χ^2 /NDF: 114755.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

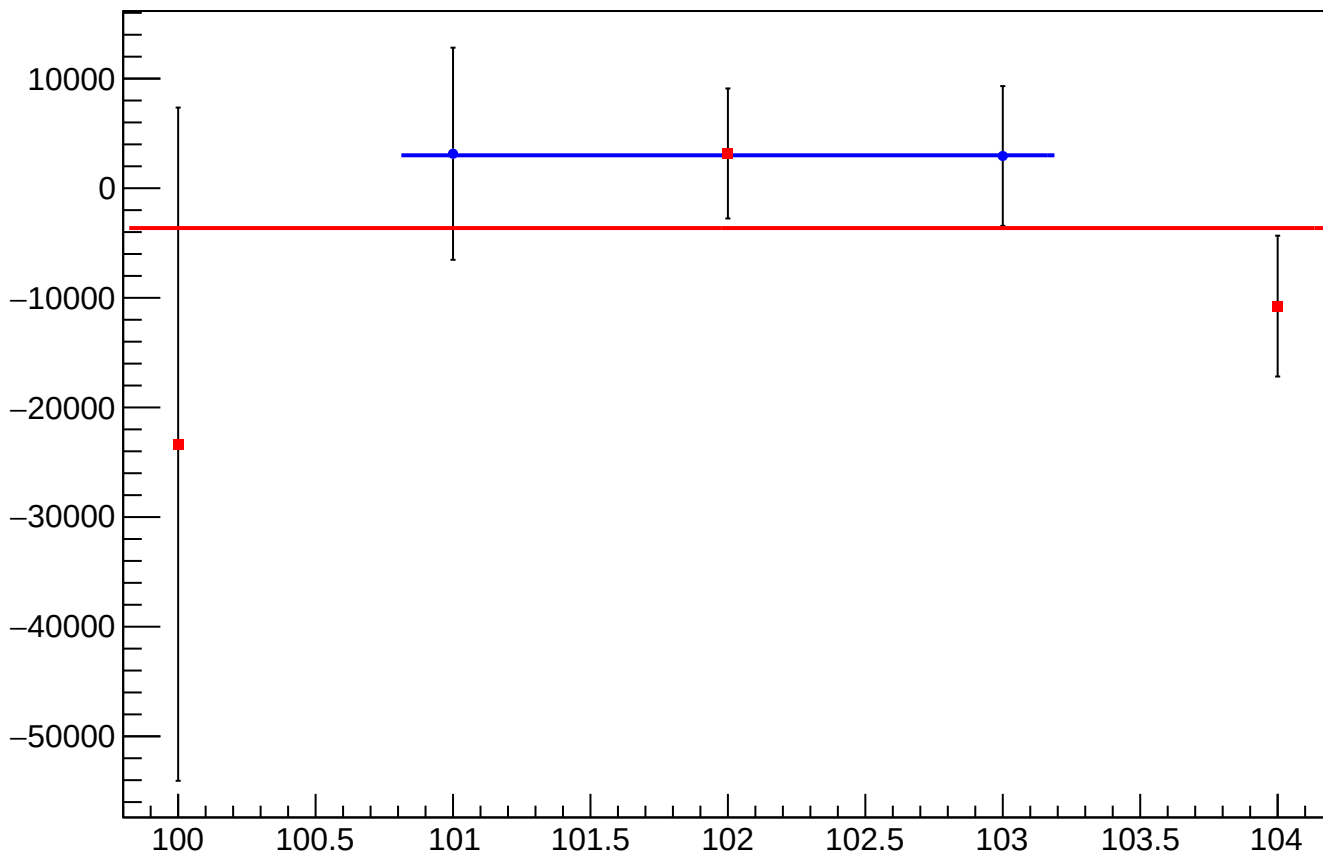
Right: 1613.858+/-0.800 χ^2 /NDF: 361980.3/4

In: 1663.832+/-1.121 χ^2 /NDF:243180.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1613.858+/-0.800 χ^2 /NDF: 361980.3/4

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: -3634.595+/-4314.202 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

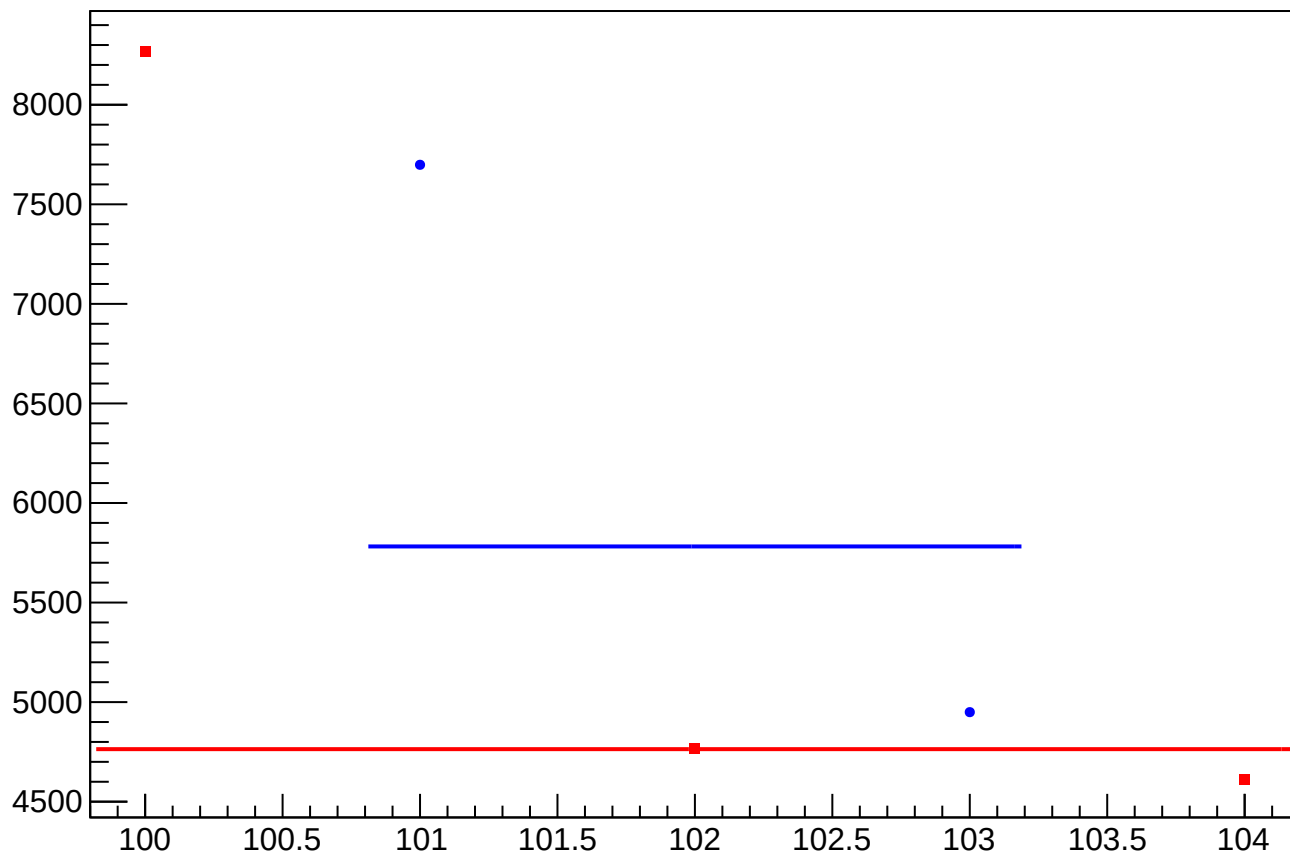
Right: -1003.714+/-3351.845 χ^2/NDF : 3.9/4

In: 3002.750+/-5323.907 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1003.714+/-3351.845 χ^2/NDF : 3.9/4

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5781.793+/-3.765 χ^2/NDF : 112547.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4763.783+/-3.051 χ^2/NDF : 27155.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

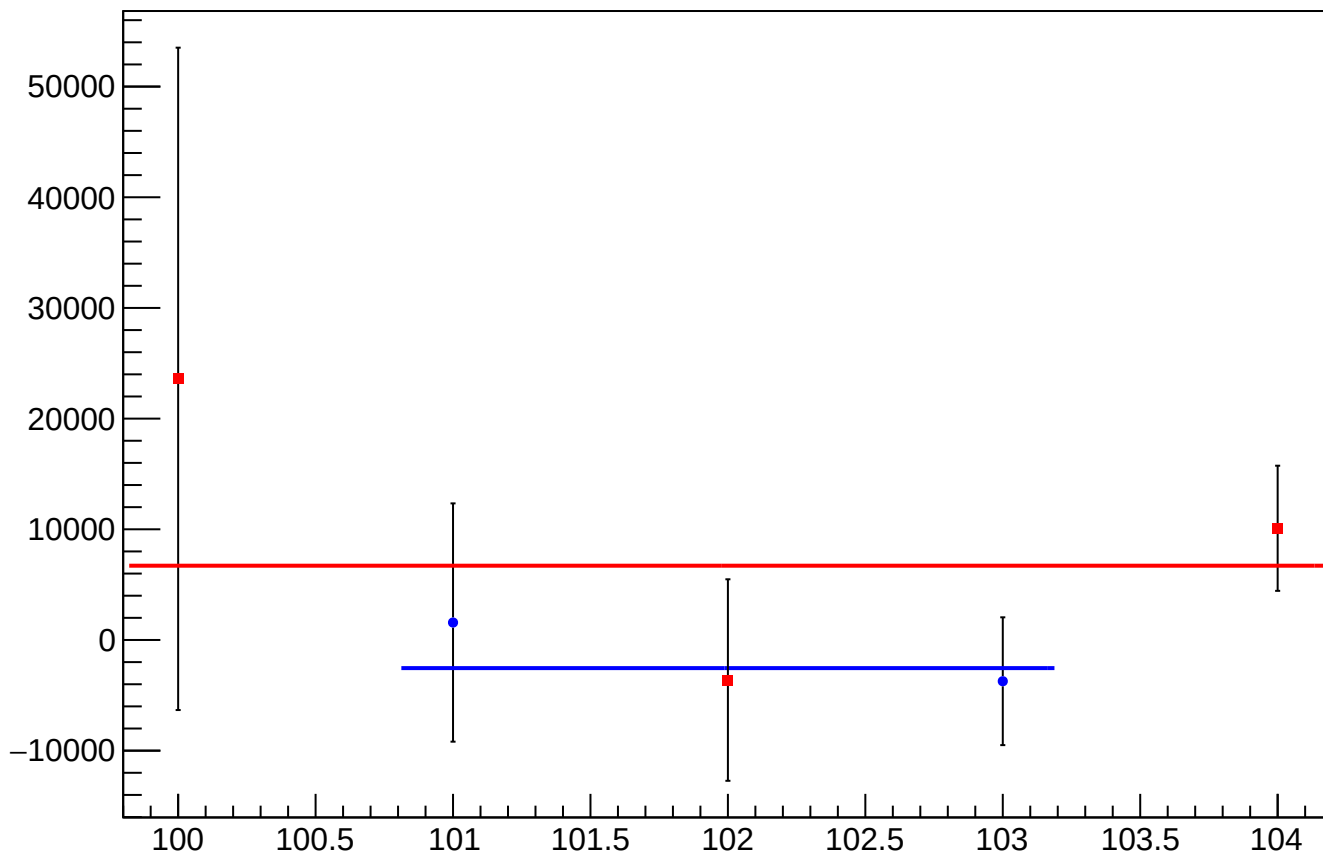
Right: 5167.297+/-2.370 χ^2/NDF : 183844.3/4

In: 5781.793+/-3.765 χ^2/NDF : 112547.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5167.297+/-2.370 χ^2/NDF : 183844.3/4

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2541.714+/-5088.024 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6710.759+/-4741.943 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

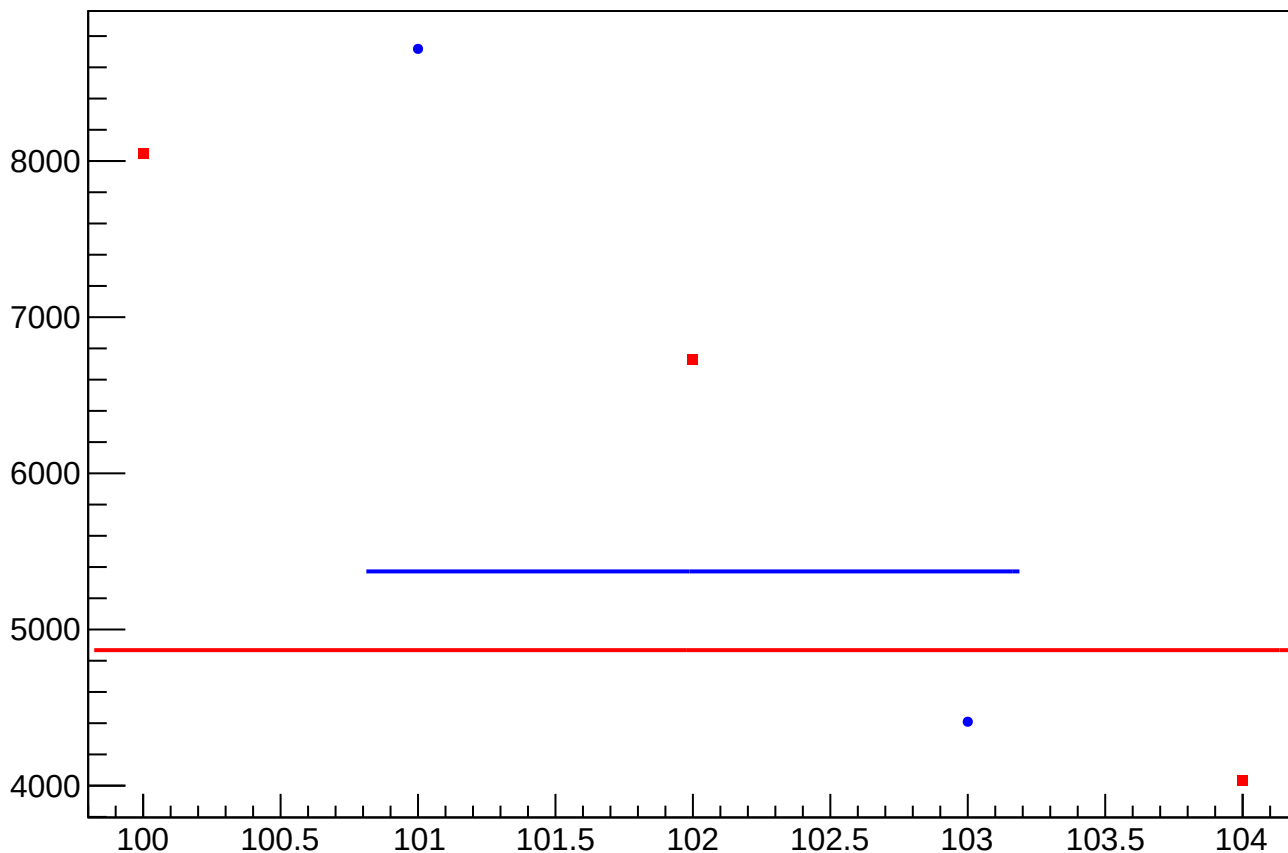
Right: 2409.868+/-3468.961 χ^2/NDF : 3.9/4

In: -2541.714+/-5088.024 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.868+/-3468.961 χ^2/NDF : 3.9/4

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: 4867.794+/-3.353 χ^2/NDF : 149889.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

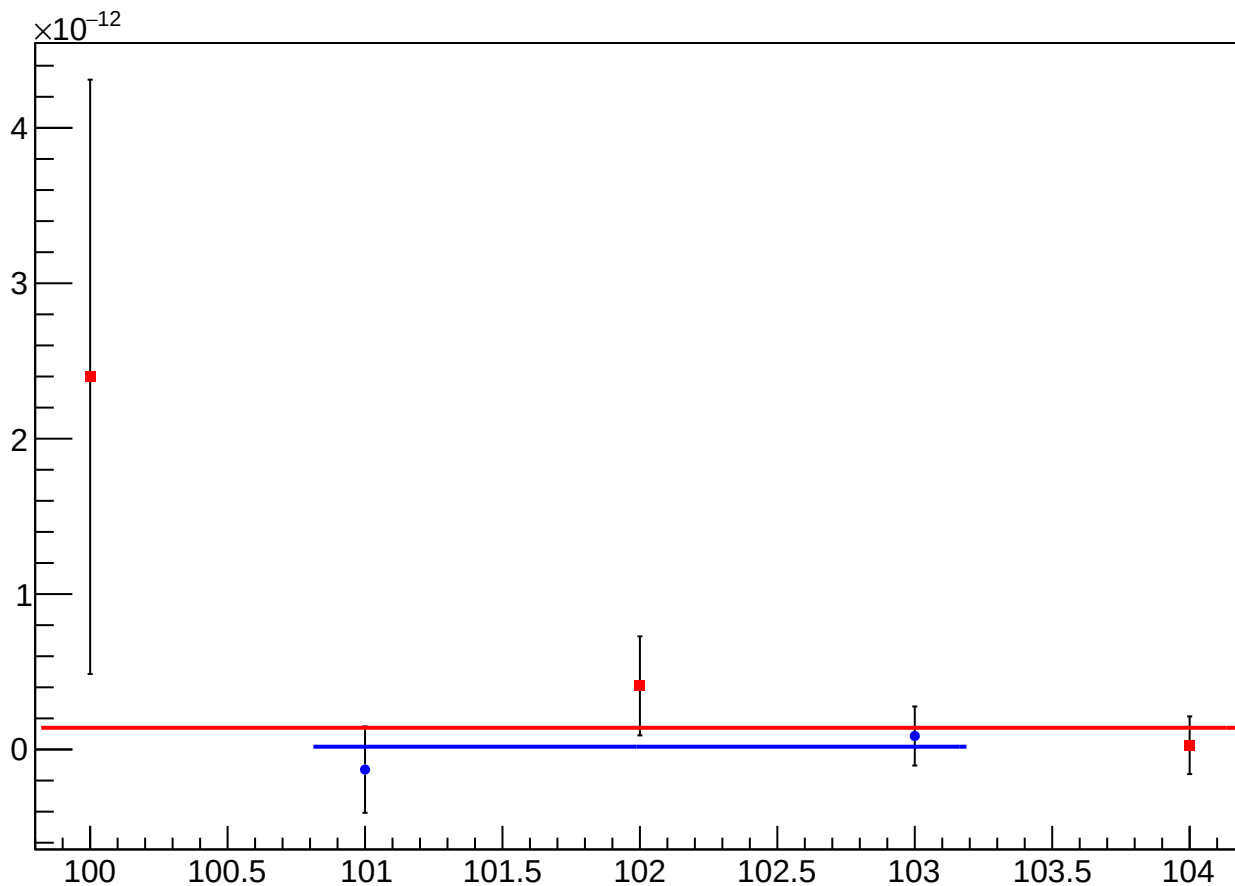
Right: 5102.140+/-2.453 χ^2/NDF : 409233.8/4

In: 5371.936+/-3.598 χ^2/NDF : 248835.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5102.140+/-2.453 χ^2/NDF : 409233.8/4

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 : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

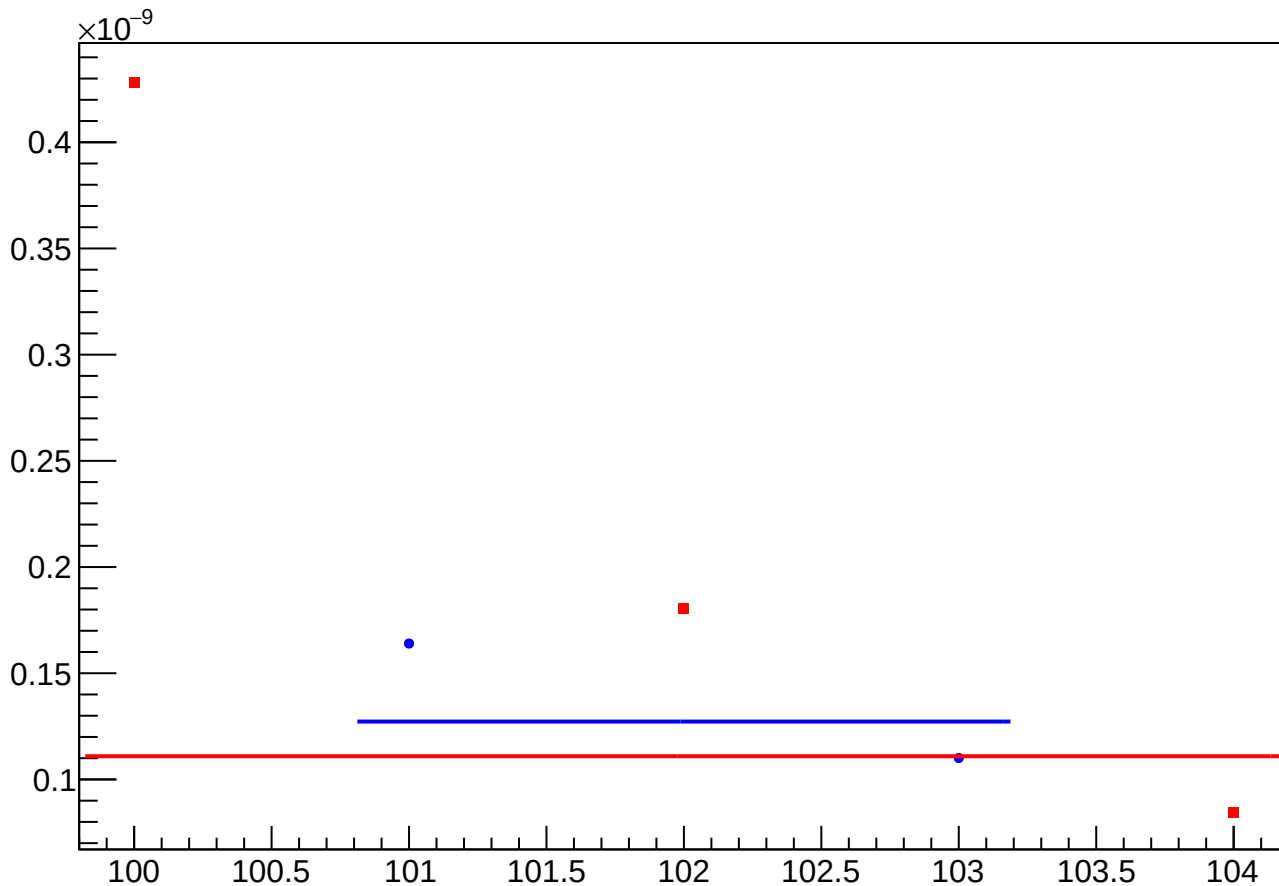
Right: 0.000+/-0.000 χ^2/NDF : 3.2/4

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 : 3.2/4

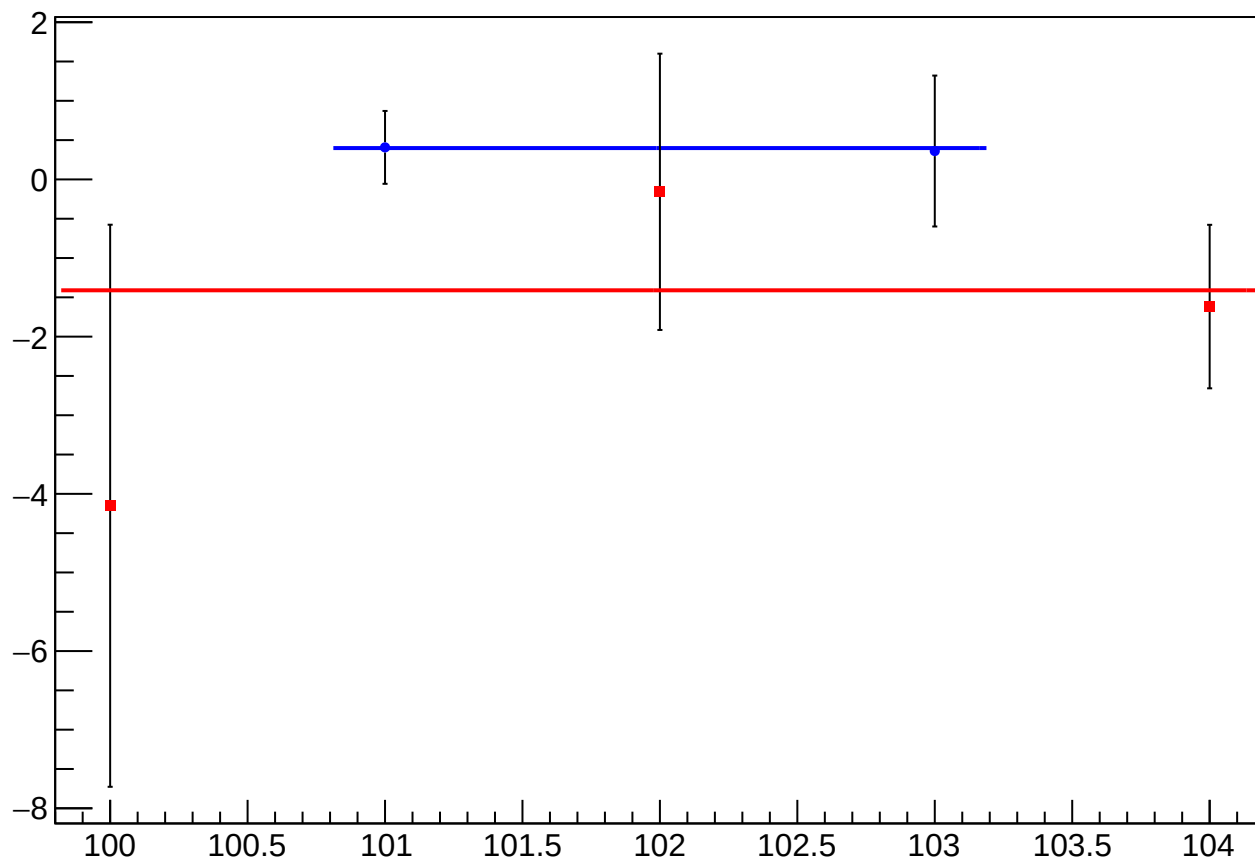
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 190673.8/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 252512.5/4
 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 : 252512.5/4

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.411 $\pm$ 0.868 χ^2 /NDF: 1.1/2

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

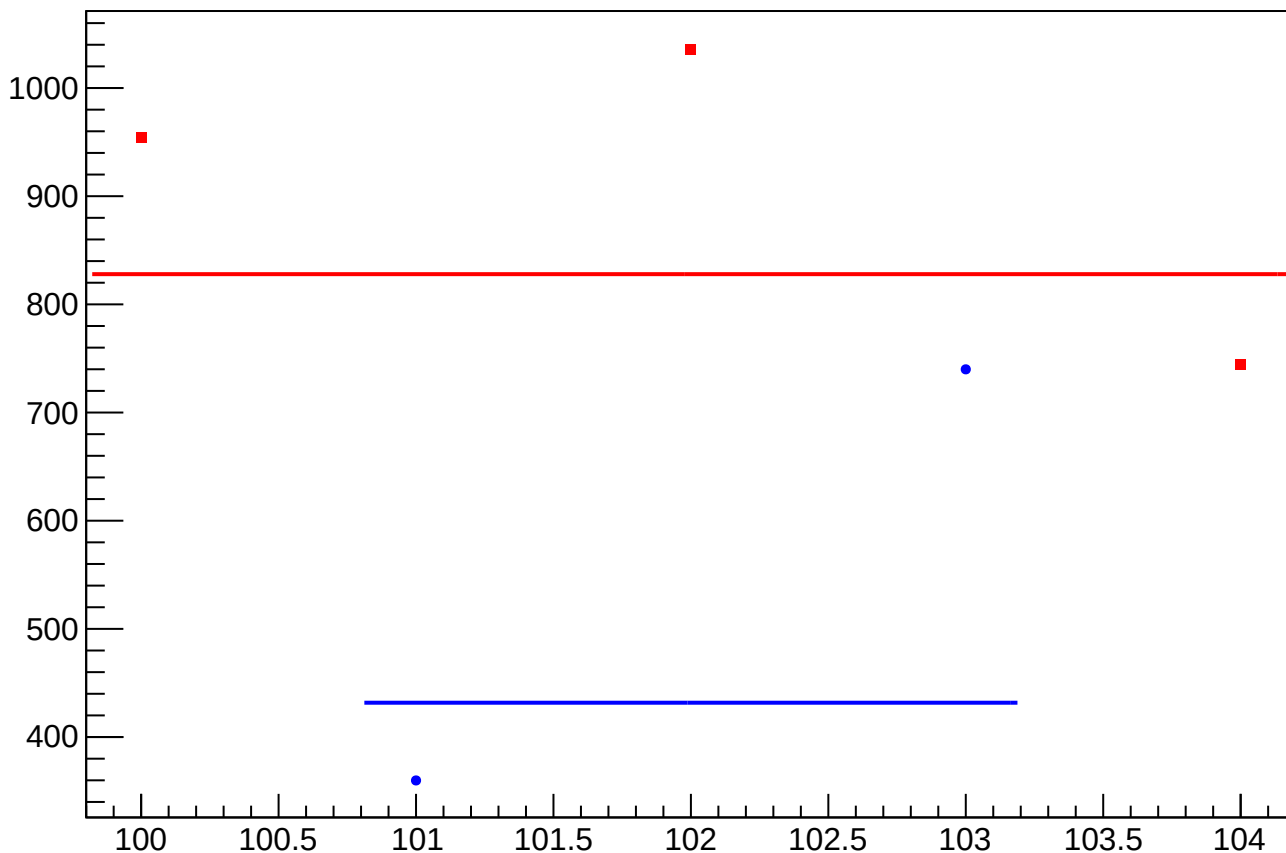
Right: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 431.741 ± 0.295 $\chi^2/\text{NDF}: 254271.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 827.928 ± 0.614 $\chi^2/\text{NDF}: 43445.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

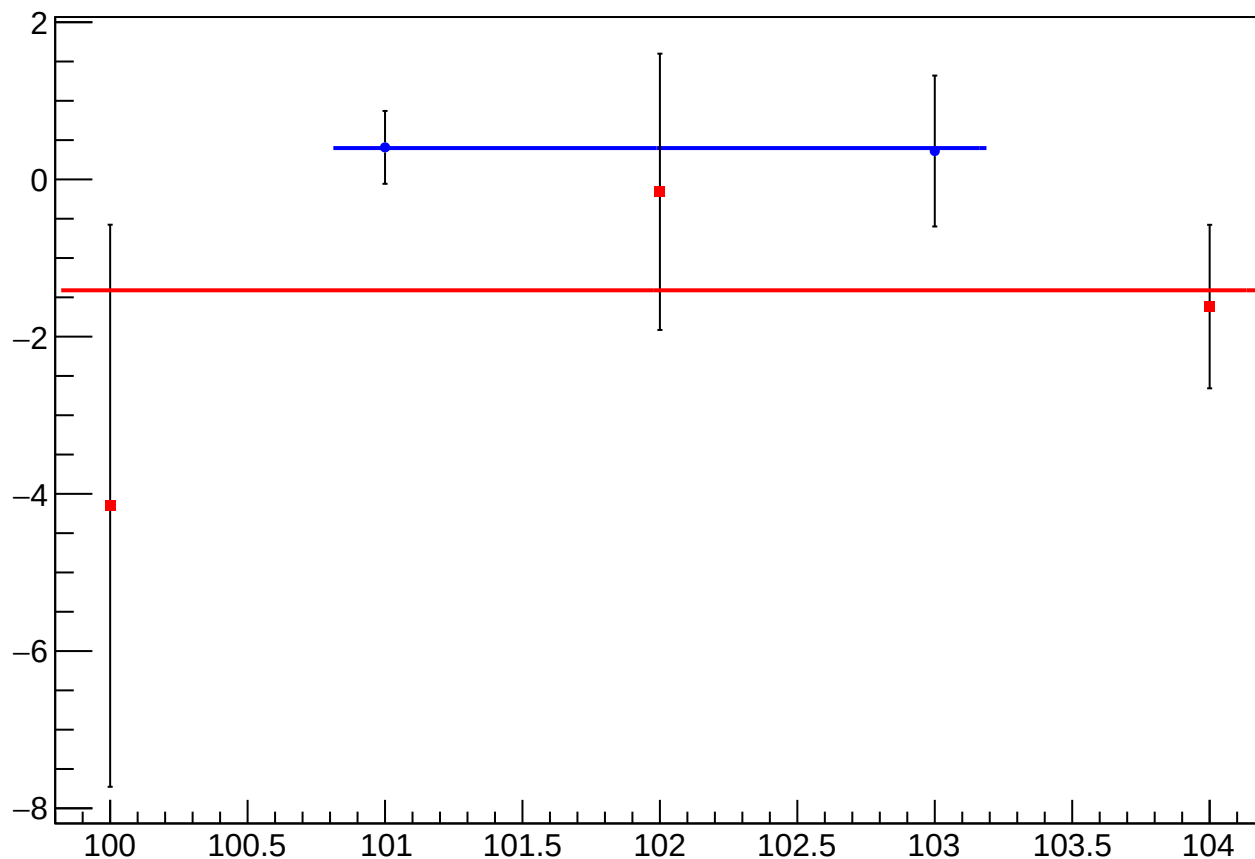
Right: 506.105 ± 0.266 $\chi^2/\text{NDF}: 635977.3/4$

In: 431.741 ± 0.295 $\chi^2/\text{NDF}: 254271.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 506.105 ± 0.266 $\chi^2/\text{NDF}: 635977.3/4$

asym_us_avg_at2lr_avg_dd_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: -1.411 $\pm$ 0.868 χ^2 /NDF: 1.1/2

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

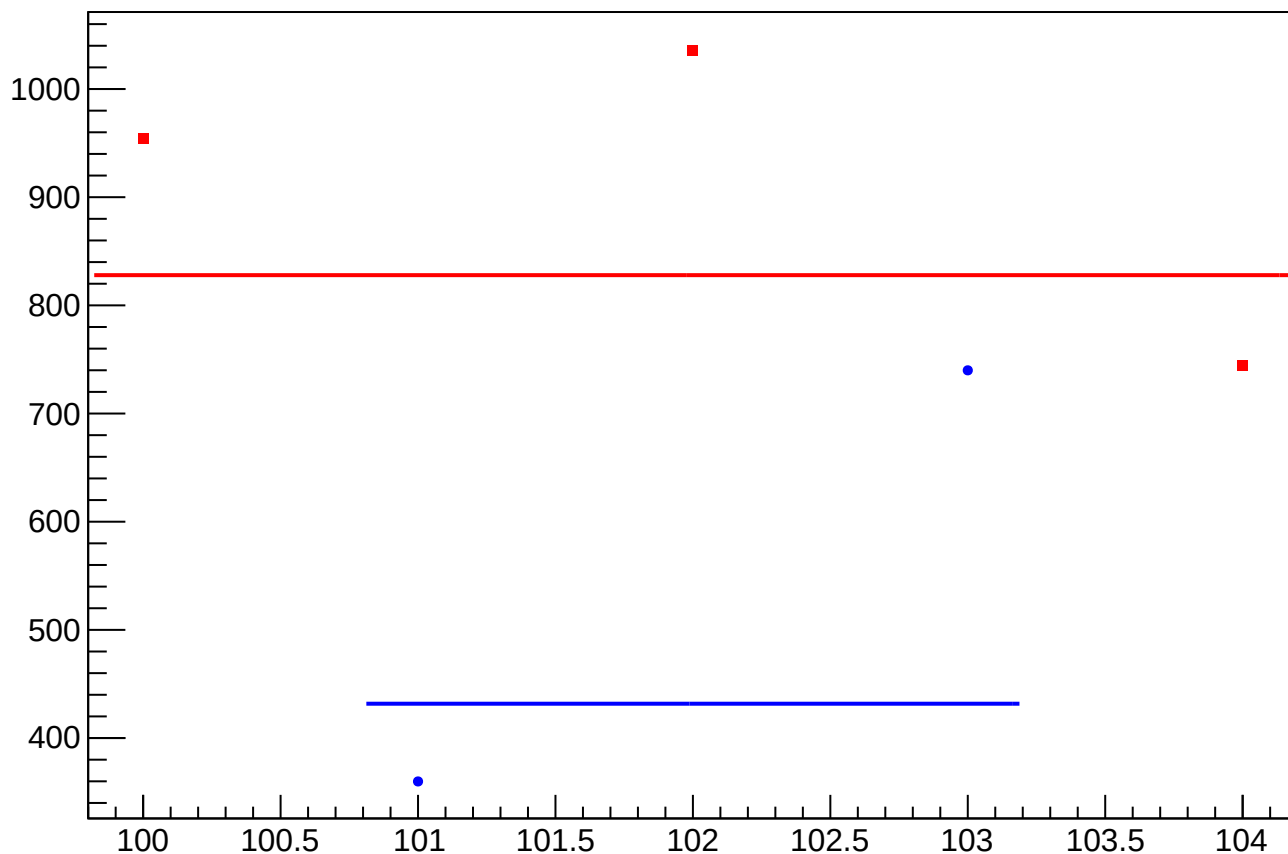
Right: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

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: 827.928+/-0.614 χ^2/NDF : 43445.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

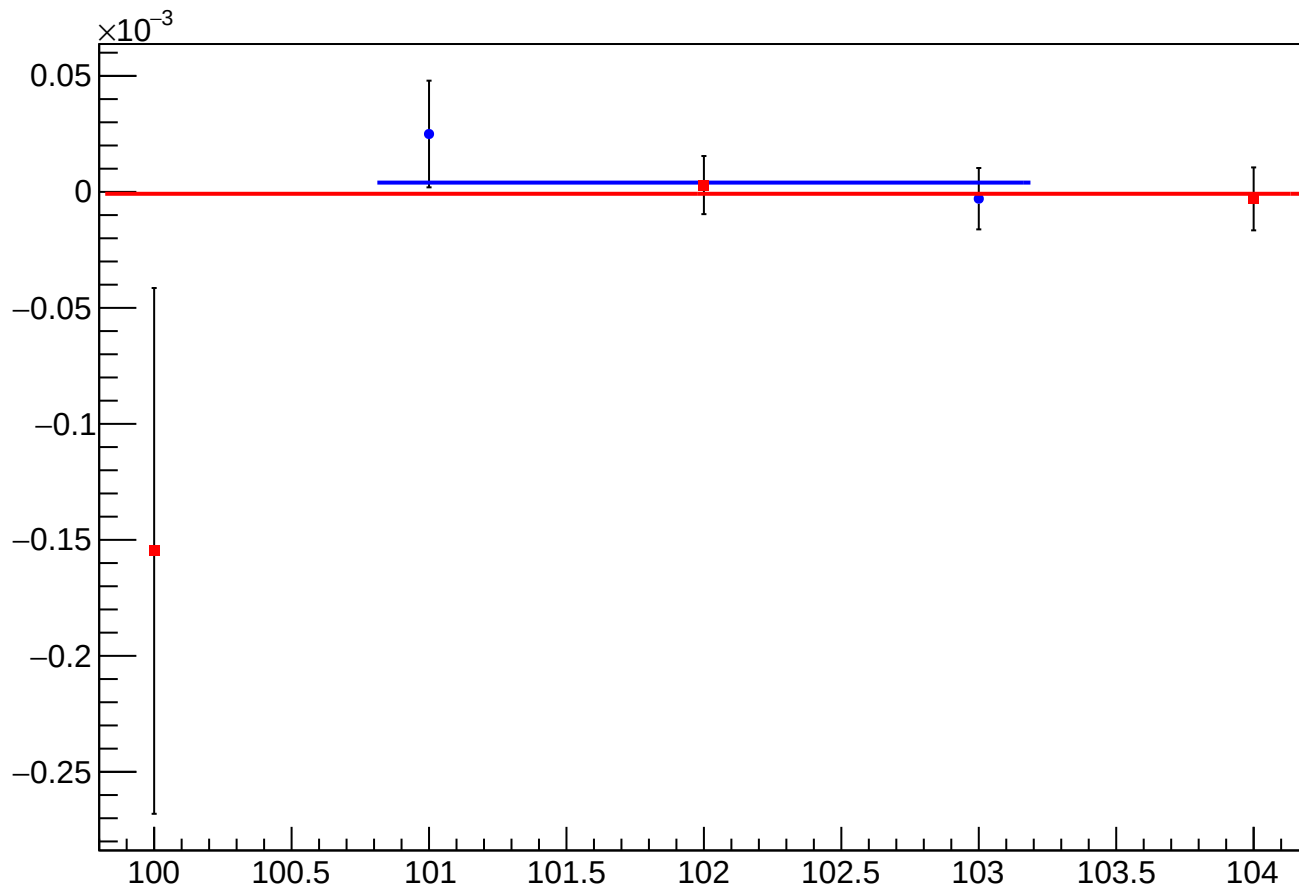
Right: 506.105+/-0.266 χ^2/NDF : 635977.3/4

In: 431.741+/-0.295 χ^2/NDF : 254271.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 506.105+/-0.266 χ^2/NDF : 635977.3/4

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

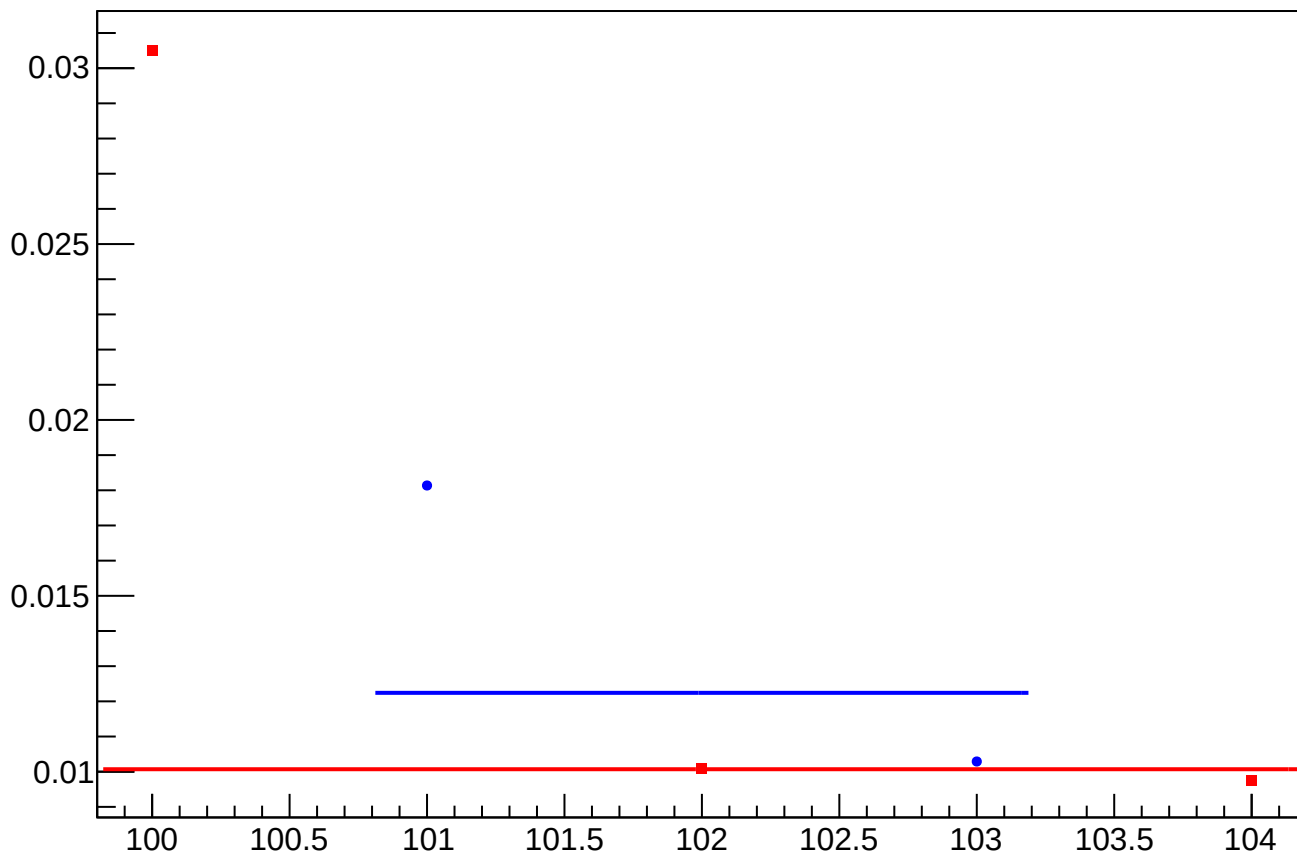
Right: 0.000+/-0.000 χ^2/NDF : 3.2/4

In: 0.000+/-0.000 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.2/4

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 : 66131.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

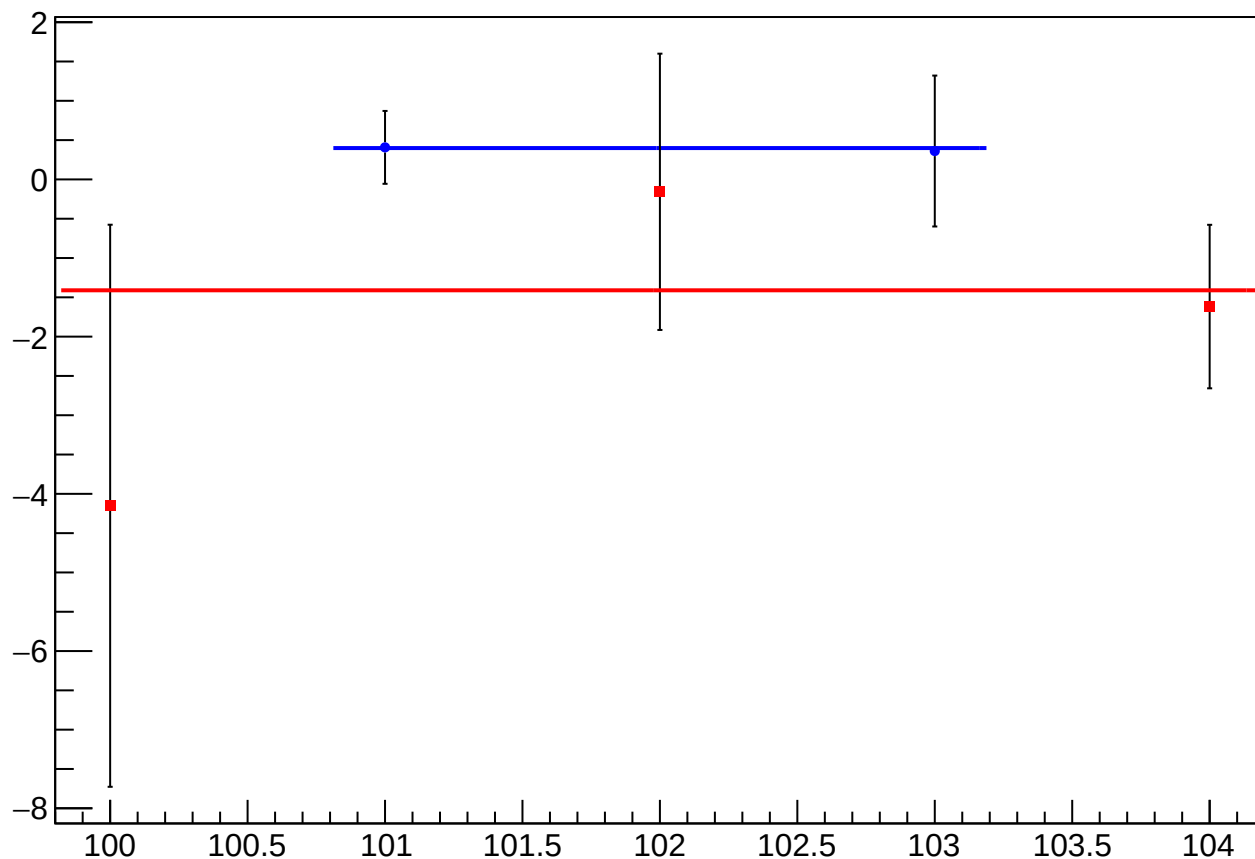
Right: 0.011+/-0.000 χ^2/NDF : 284885.6/4

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 : 284885.6/4

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.411 $\pm$ 0.868 χ^2 /NDF: 1.1/2

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

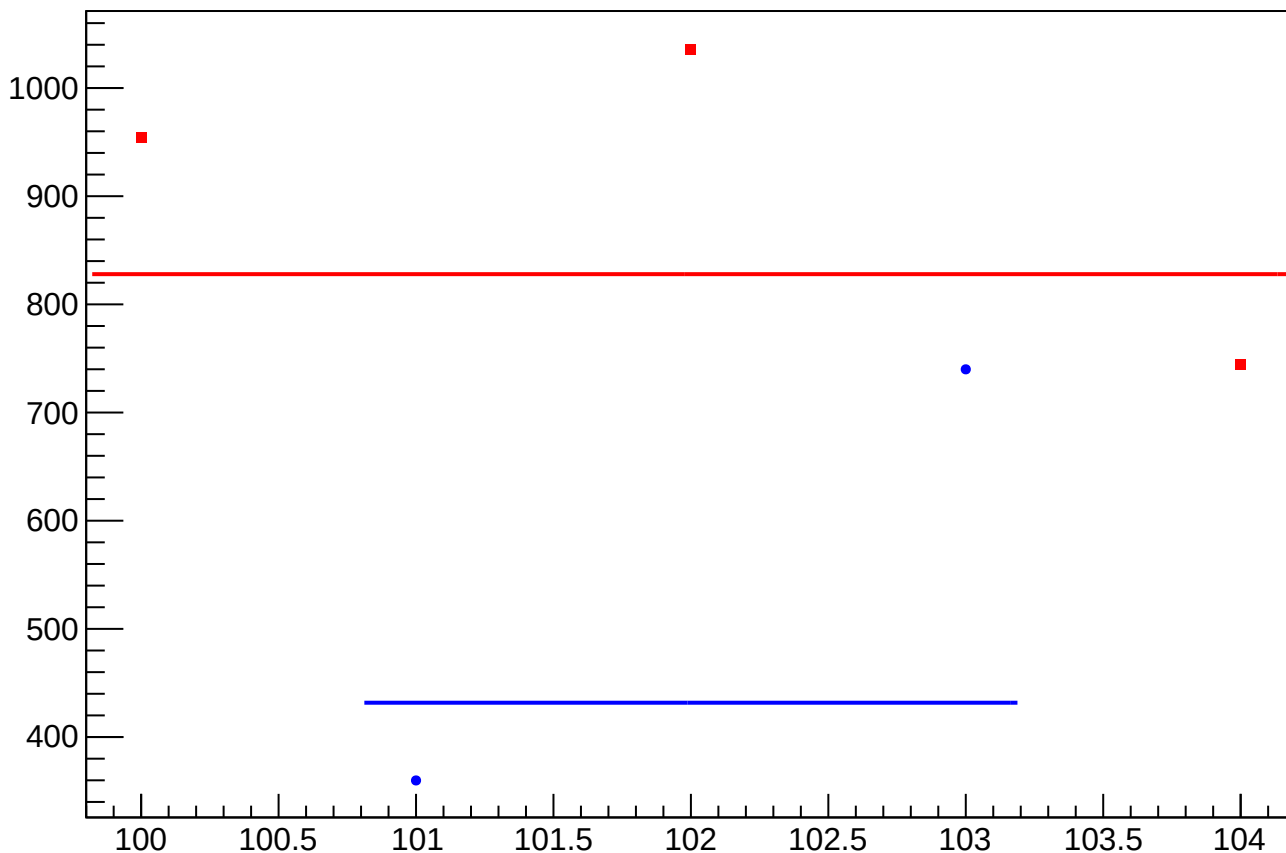
Right: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

In: 0.399 $\pm$ 0.417 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

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: 827.932 ± 0.614 χ^2/NDF : 43446.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

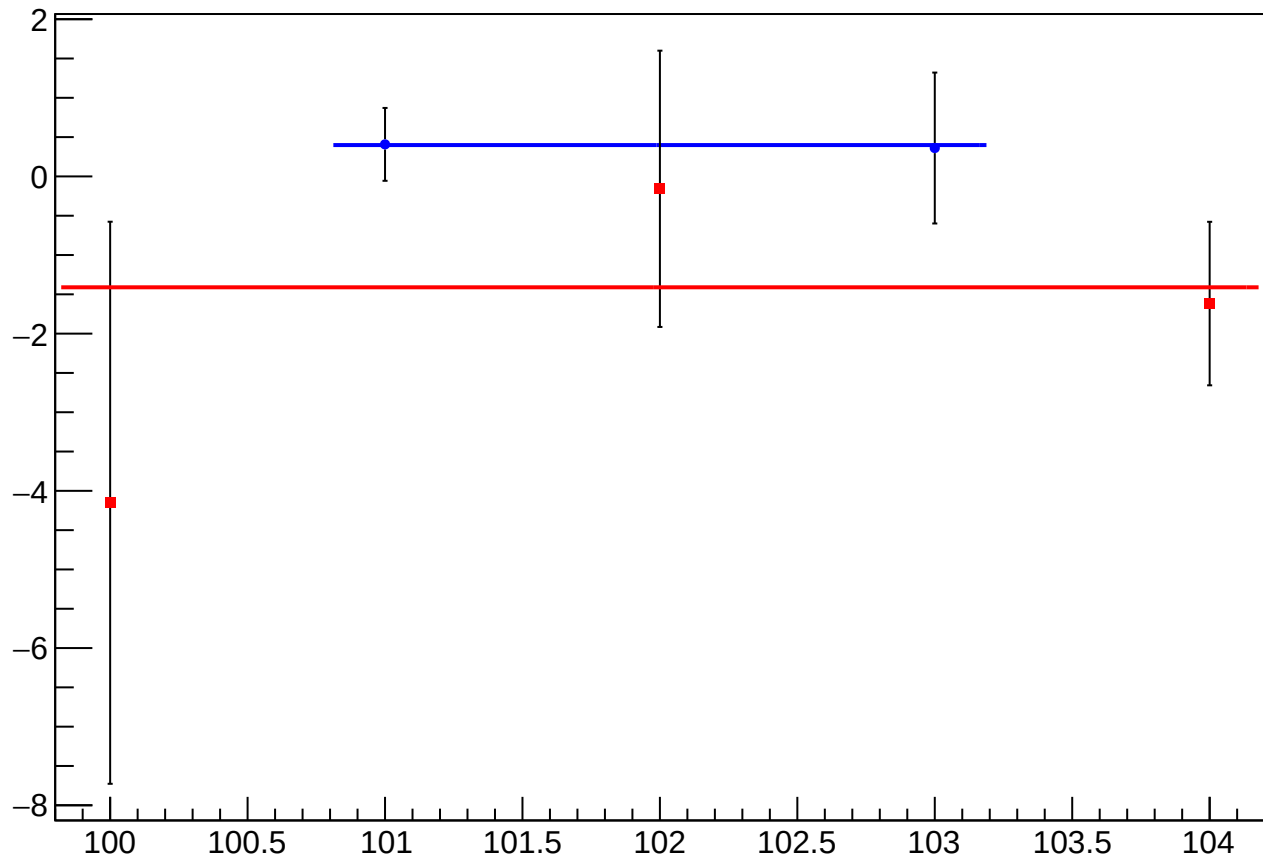
Right: 506.099 ± 0.266 χ^2/NDF : 636005.2/4

In: 431.735 ± 0.295 χ^2/NDF : 254282.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 506.099 ± 0.266 χ^2/NDF : 636005.2/4

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: -1.411 $\pm$ 0.868 χ^2 /NDF: 1.1/2

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

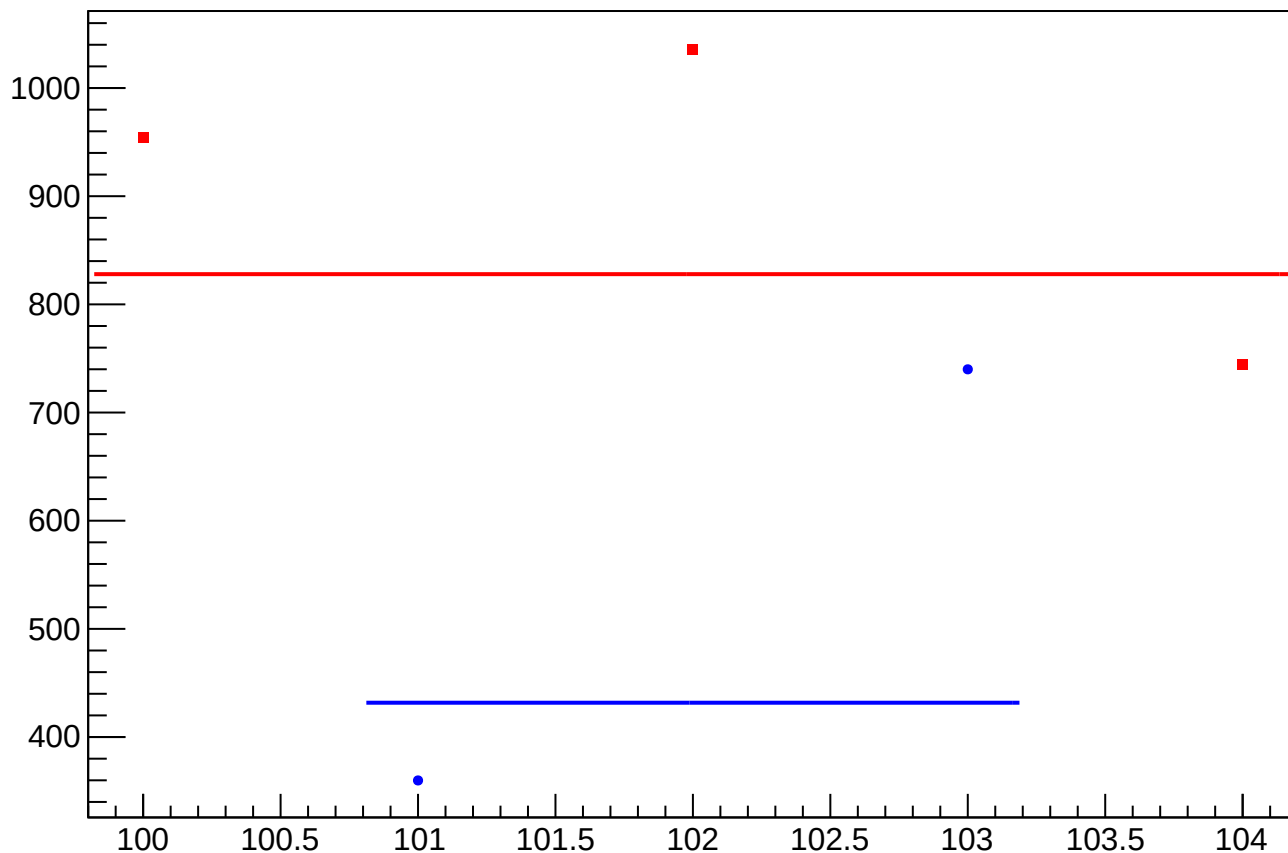
Right: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

In: 0.399 $\pm$ 0.417 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.059 $\pm$ 0.376 χ^2 /NDF: 4.7/4

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: 827.932 ± 0.614 χ^2/NDF : 43446.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

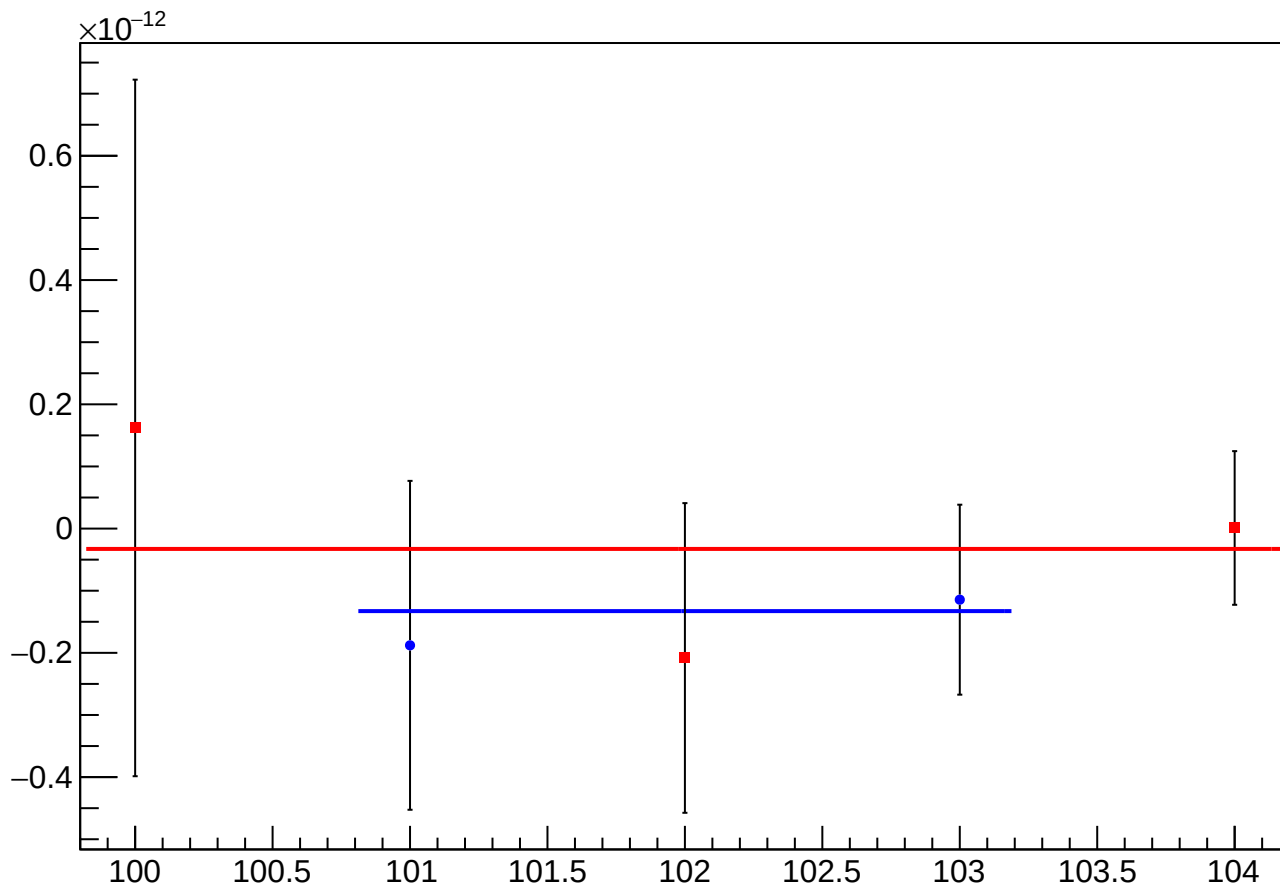
Right: 506.099 ± 0.266 χ^2/NDF : 636005.2/4

In: 431.735 ± 0.295 χ^2/NDF : 254282.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 506.099 ± 0.266 χ^2/NDF : 636005.2/4

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 : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

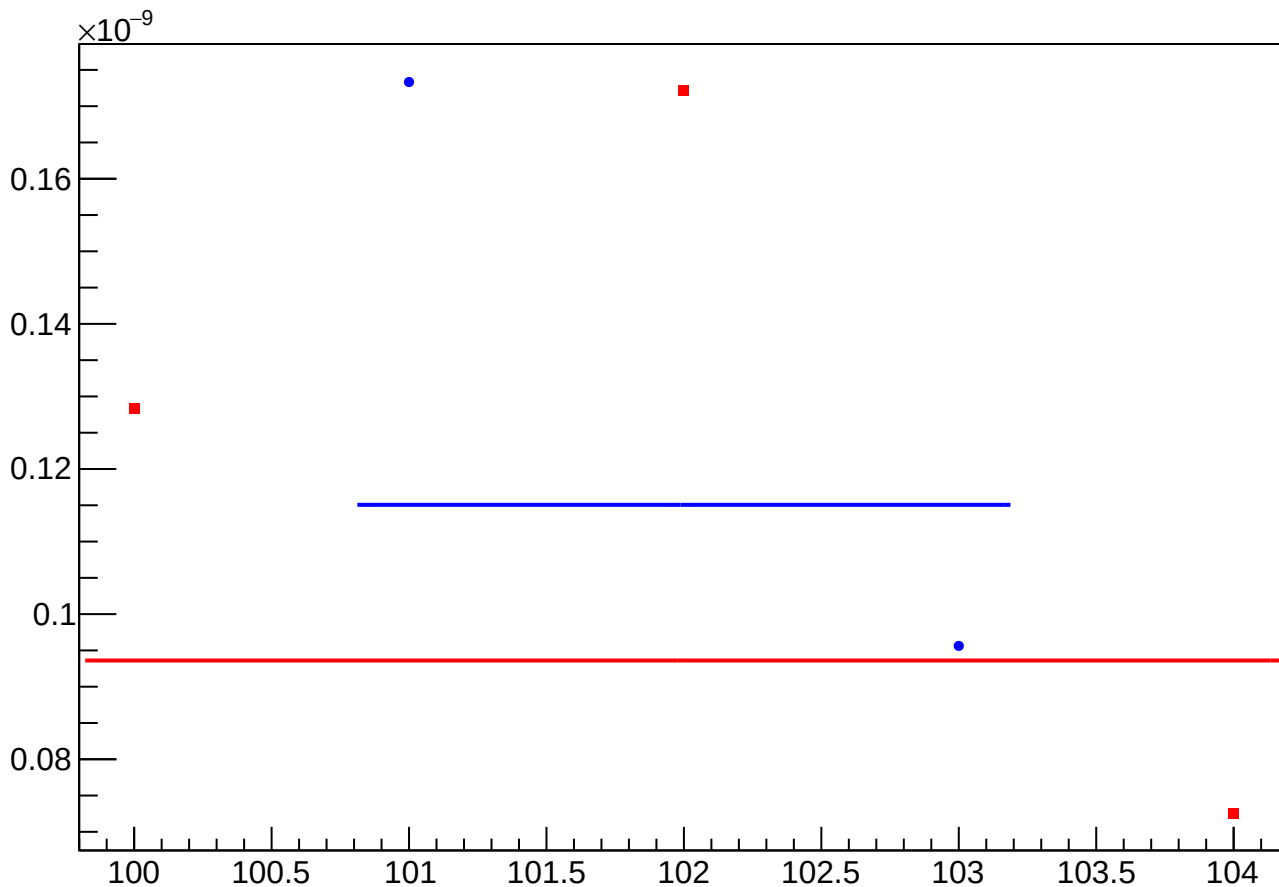
Right: -0.000+/-0.000 χ^2/NDF : 1.1/4

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 : 1.1/4

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 : 264358.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

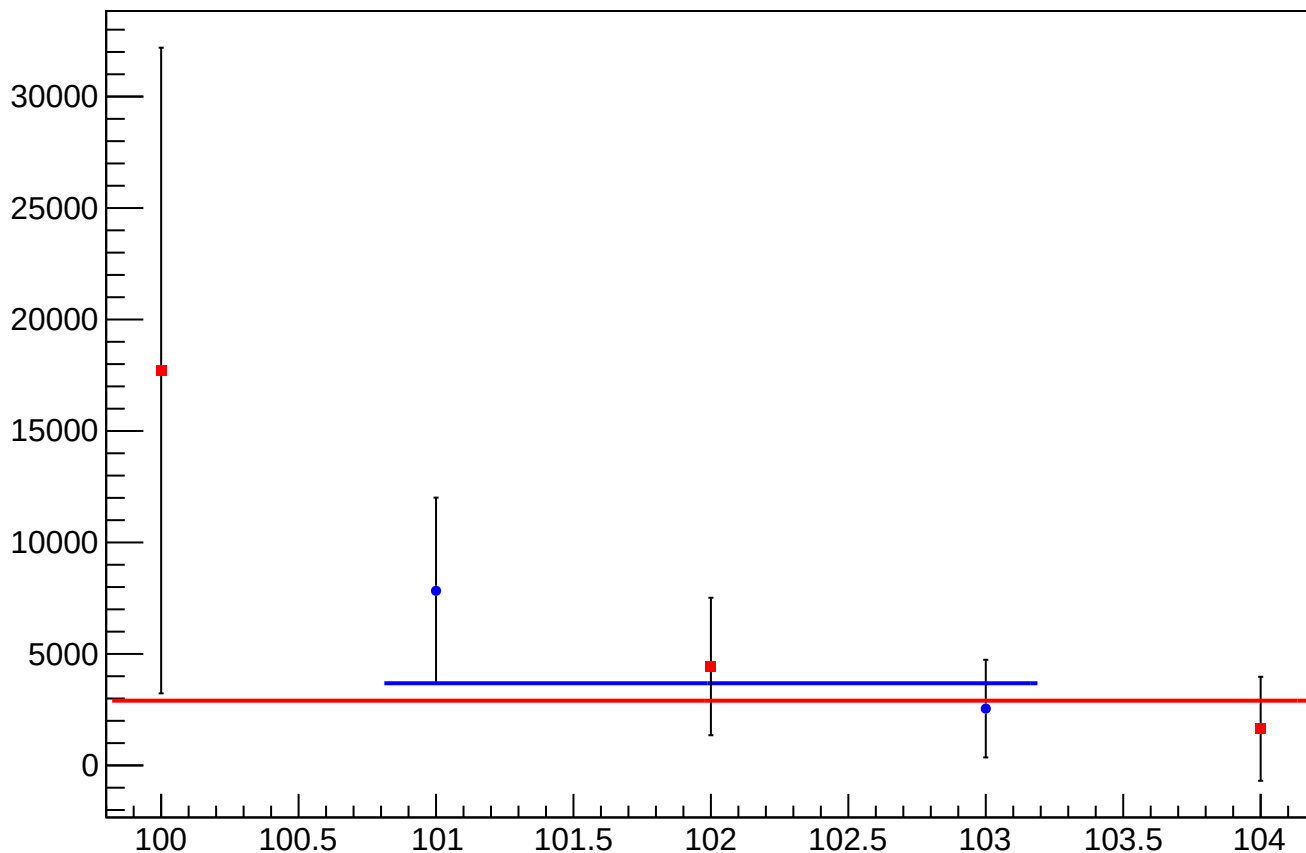
Right: 0.000+/-0.000 χ^2/NDF : 425017.7/4

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 : 425017.7/4

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: 2903.966+/-1845.025 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

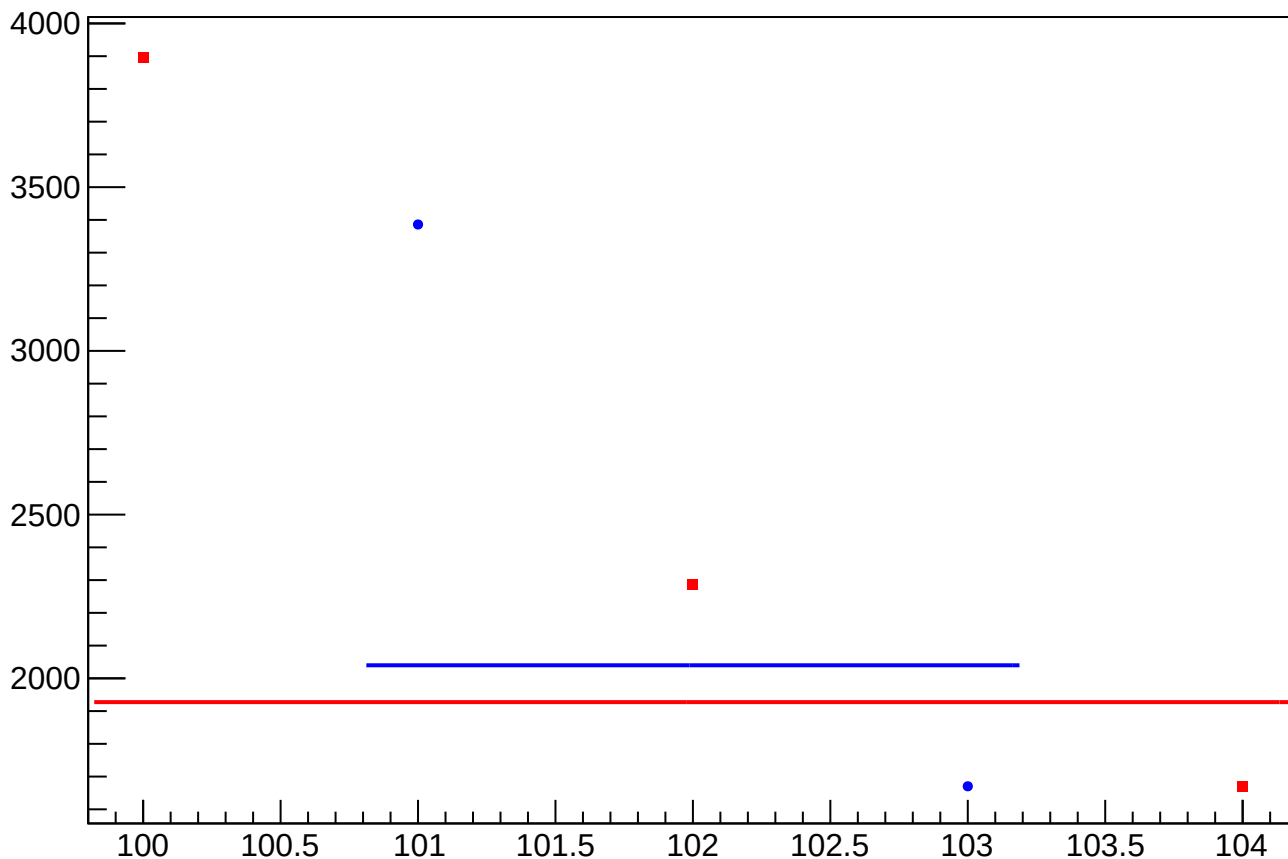
Right: 3275.087+/-1336.979 χ^2/NDF : 2.9/4

In: 3685.444+/-1940.105 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3275.087+/-1336.979 χ^2/NDF : 2.9/4

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: 1927.381+/-1.305 χ^2/NDF : 88397.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

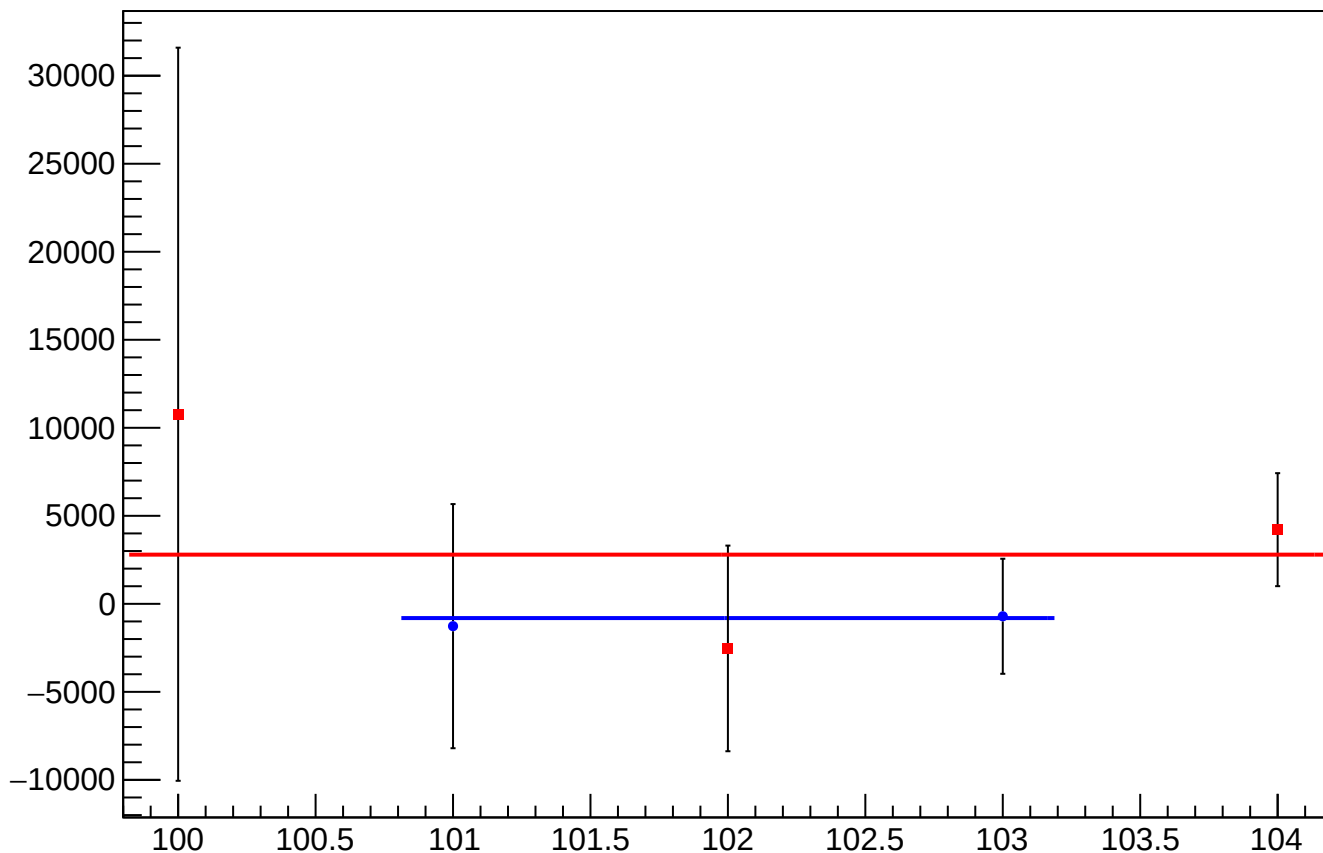
Right: 1980.806+/-0.945 χ^2/NDF : 356260.3/4

In: 2039.882+/-1.372 χ^2/NDF : 264331.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.806+/-0.945 χ^2/NDF : 356260.3/4

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: 2794.410+/-2787.500 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

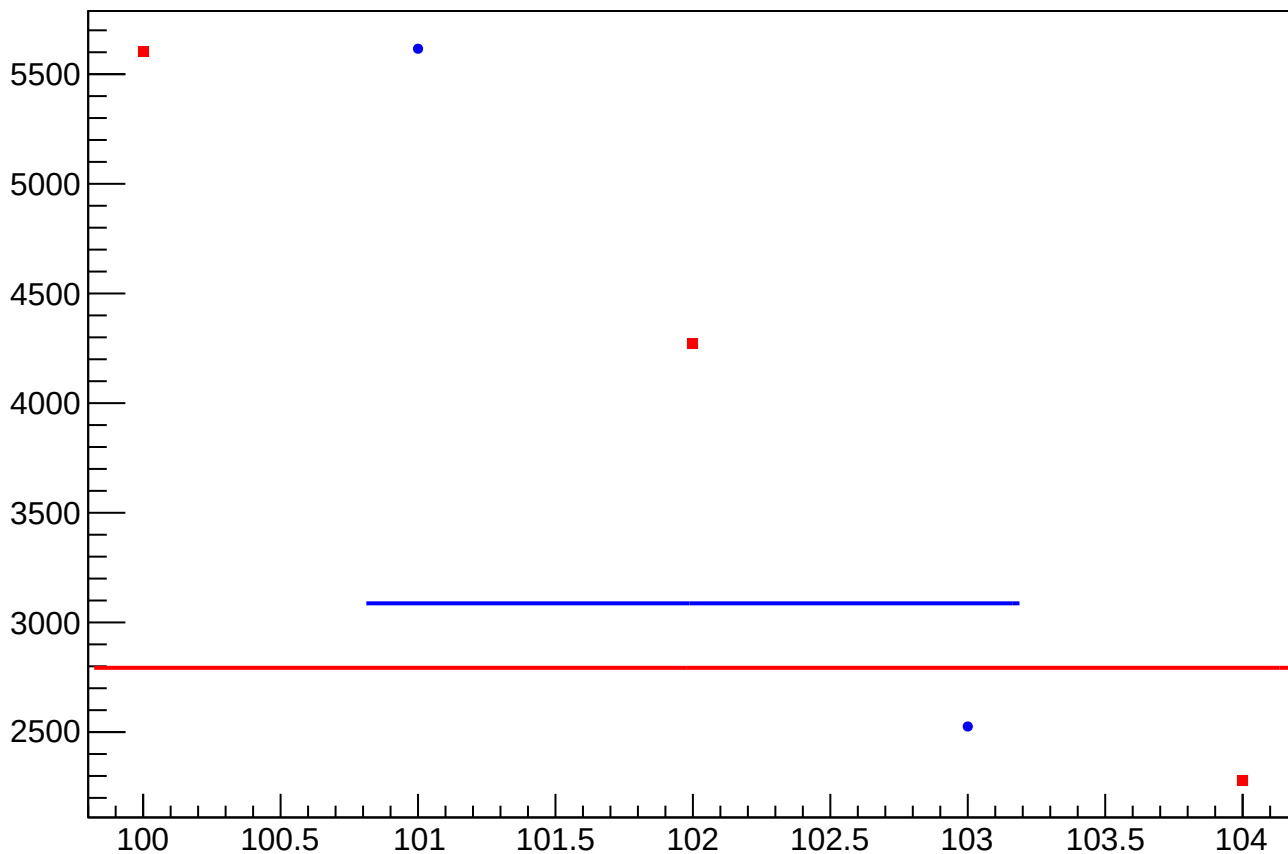
Right: 1098.447+/-2027.989 χ^2/NDF : 2.0/4

In: -808.654+/-2955.925 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.447+/-2027.989 χ^2/NDF : 2.0/4

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: 2793.073+/-1.971 χ^2/NDF : 215469.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

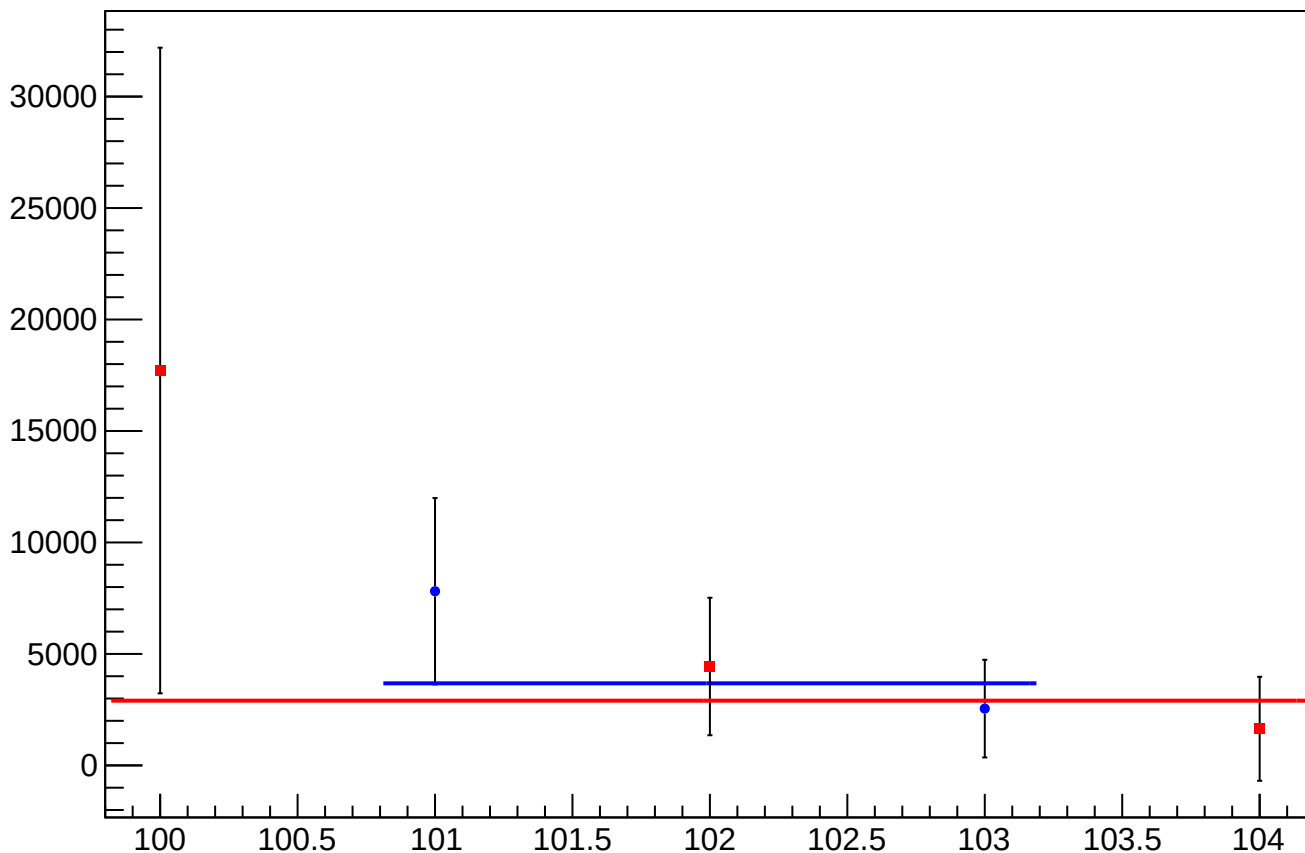
Right: 2931.483+/-1.434 χ^2/NDF : 550980.2/4

In: 3087.124+/-2.090 χ^2/NDF : 325034.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.483+/-1.434 χ^2/NDF : 550980.2/4

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: 2903.796+/-1845.026 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

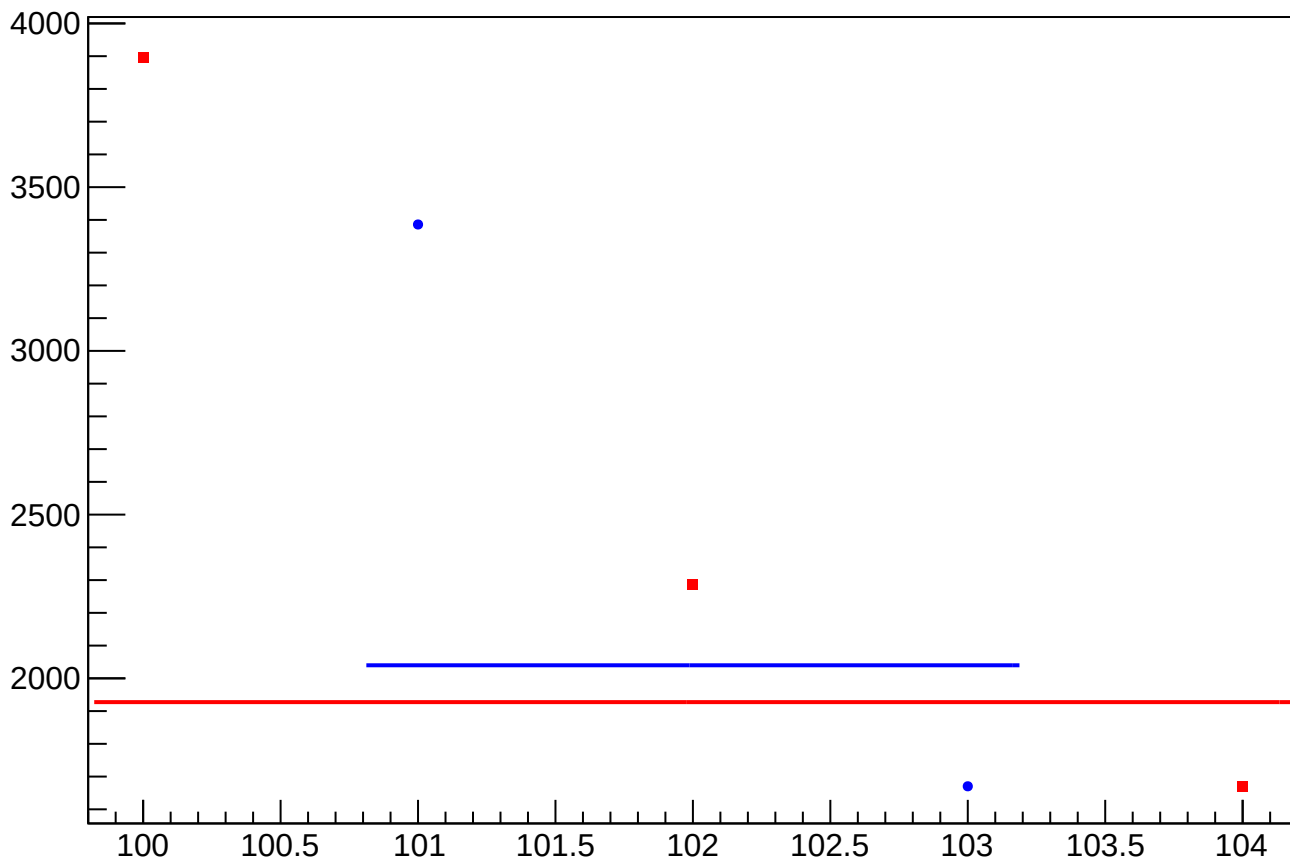
Right: 3273.283+/-1336.981 χ^2/NDF : 2.9/4

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3273.283+/-1336.981 χ^2/NDF : 2.9/4

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: 1927.379+/-1.305 χ^2/NDF : 88397.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

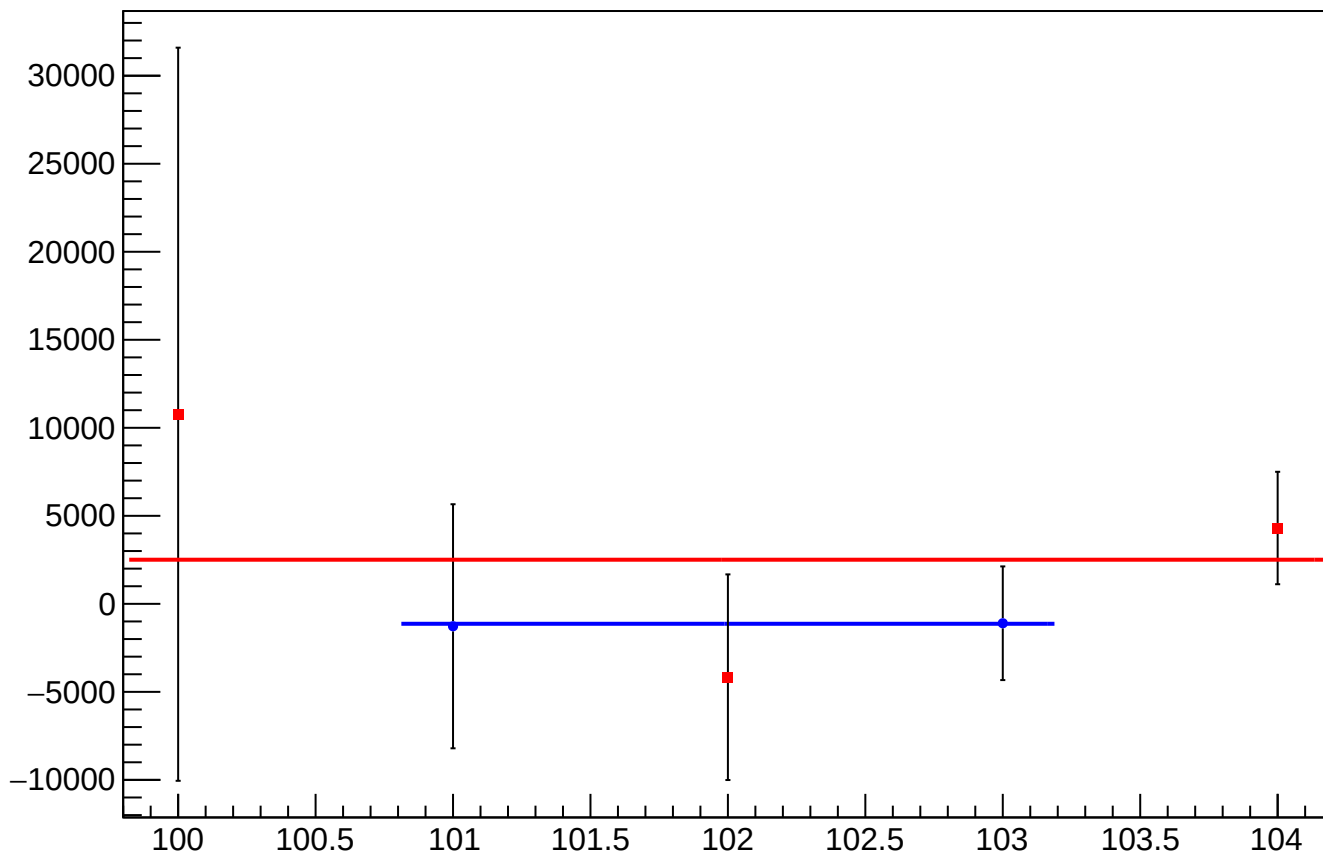
Right: 1980.805+/-0.945 χ^2/NDF : 356262.0/4

In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.805+/-0.945 χ^2/NDF : 356262.0/4

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: 2506.767+/-2776.978 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

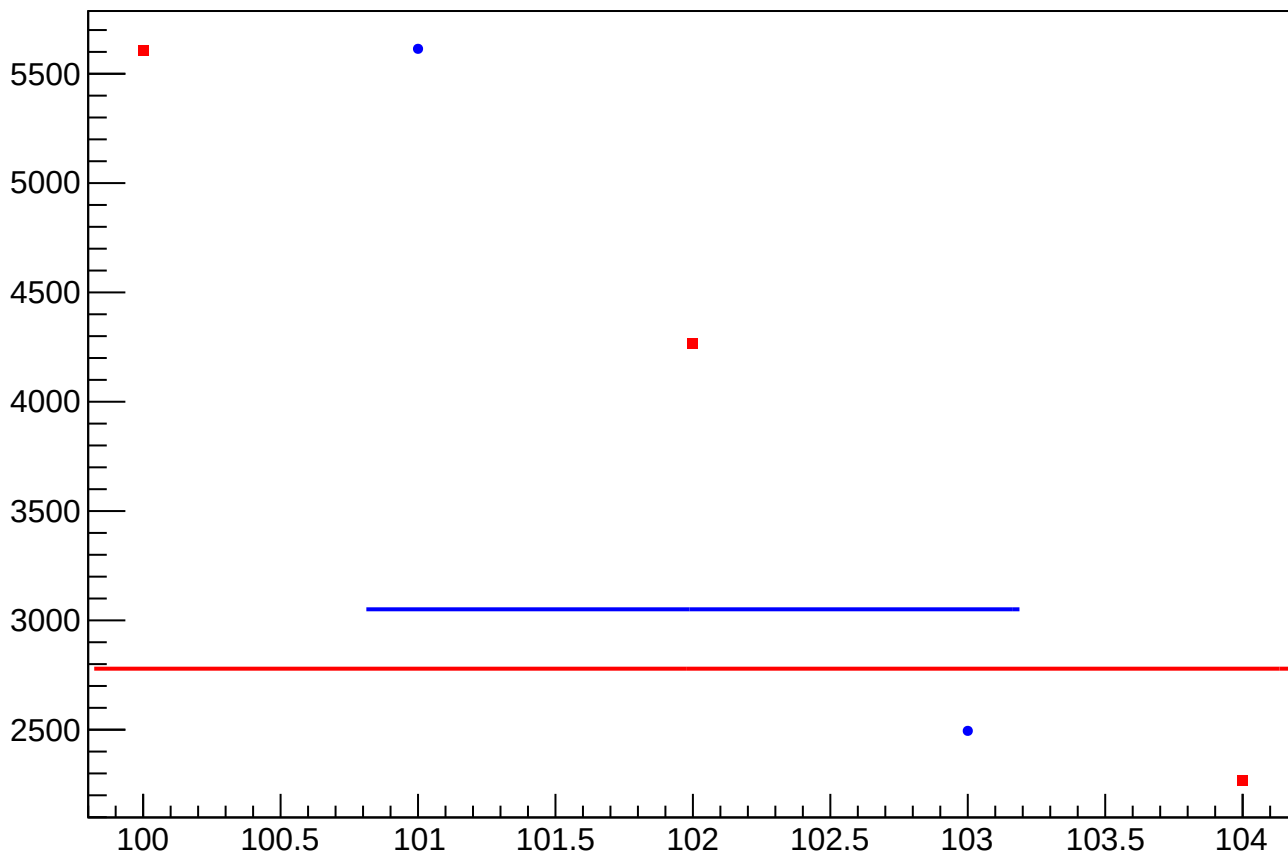
Right: 782.515+/-2014.424 χ^2/NDF : 2.6/4

In: -1132.488+/-2926.555 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.515+/-2014.424 χ^2/NDF : 2.6/4

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: 2779.074+/-1.964 χ^2/NDF : 217274.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

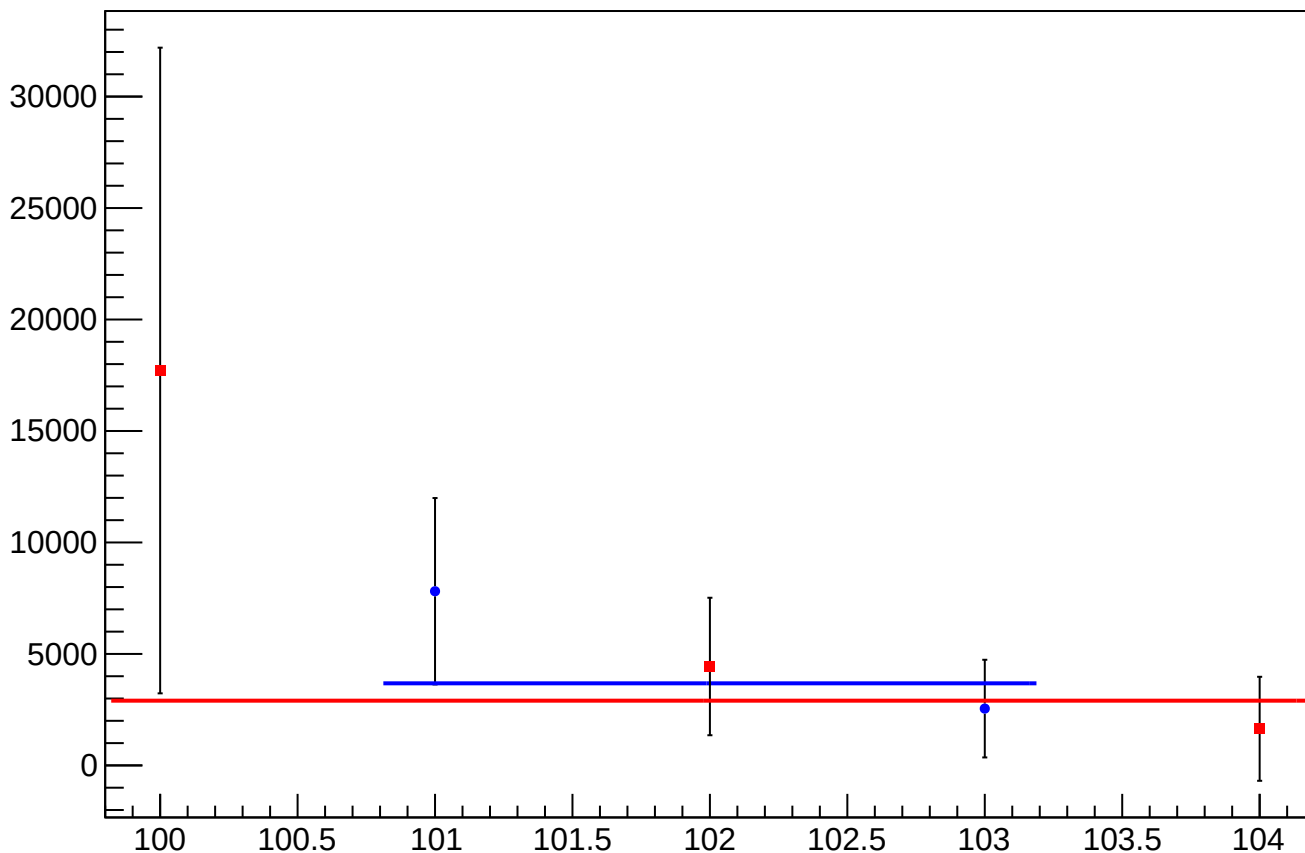
Right: 2907.749+/-1.424 χ^2/NDF : 559138.4/4

In: 3050.659+/-2.069 χ^2/NDF :332800.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2907.749+/-1.424 χ^2/NDF : 559138.4/4

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: 2903.796+/-1845.026 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

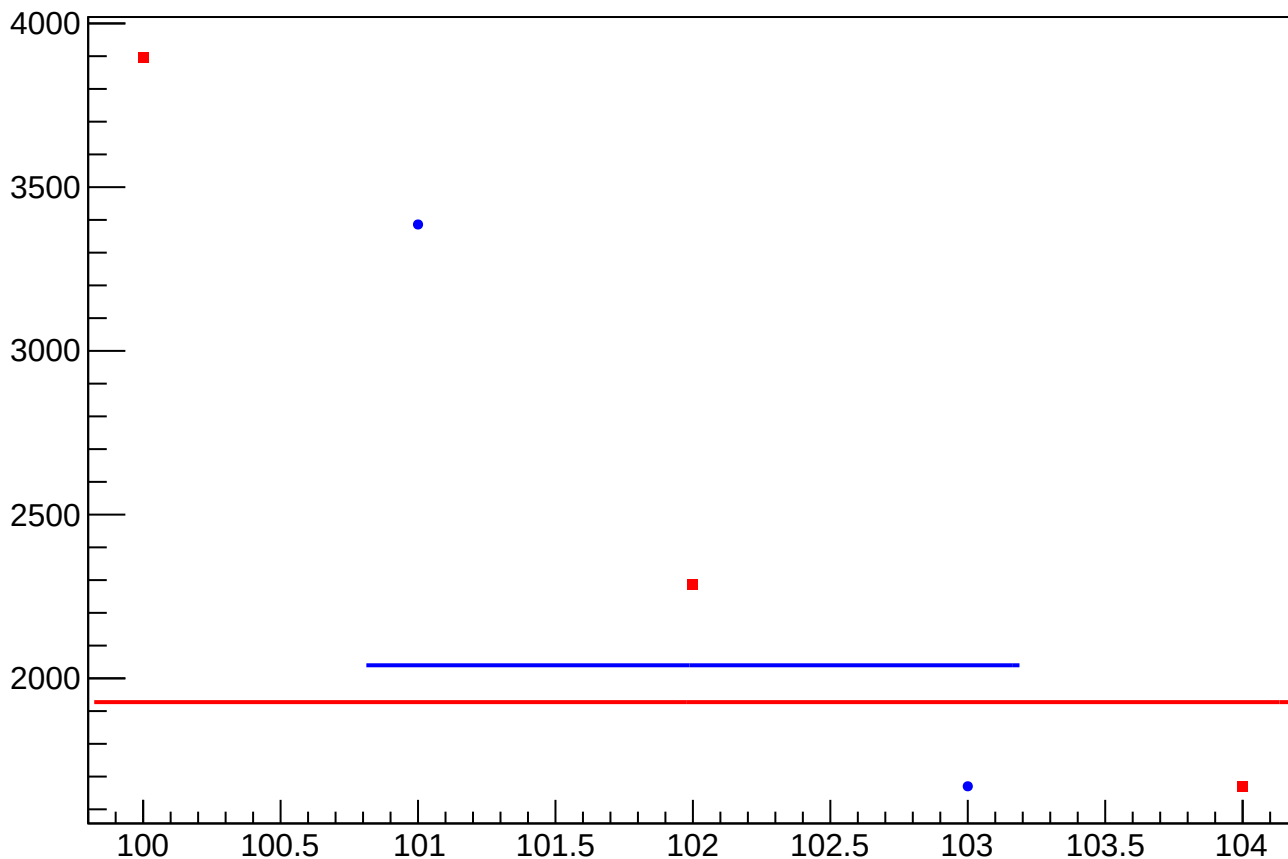
Right: 3273.283+/-1336.981 χ^2/NDF : 2.9/4

In: 3681.833+/-1940.110 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3273.283+/-1336.981 χ^2/NDF : 2.9/4

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: 1927.379+/-1.305 χ^2/NDF : 88397.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

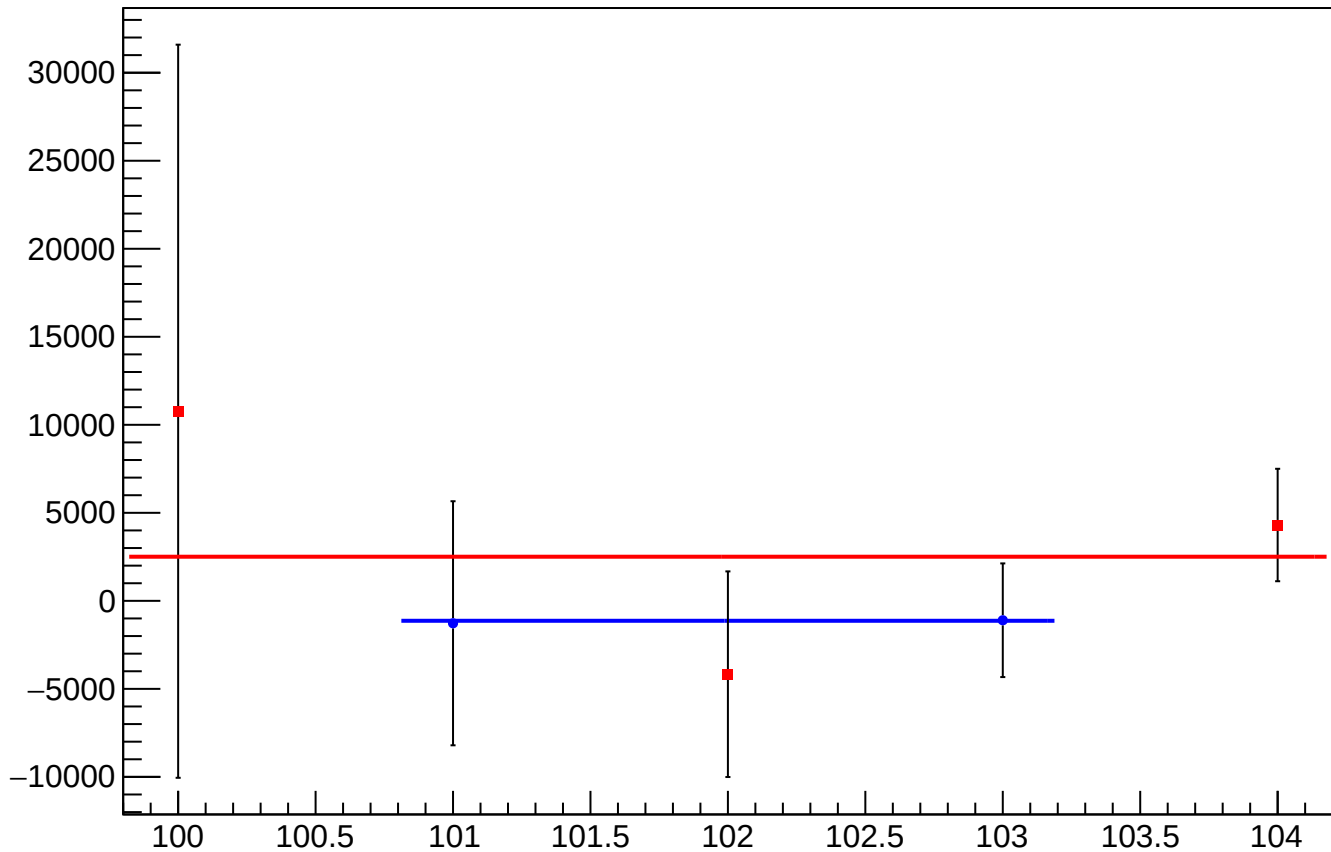
Right: 1980.805+/-0.945 χ^2/NDF : 356262.0/4

In: 2039.882+/-1.372 χ^2/NDF : 264333.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.805+/-0.945 χ^2/NDF : 356262.0/4

asym_us_avg_atlr_avg_avg_eigen_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: 2506.767+/-2776.978 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

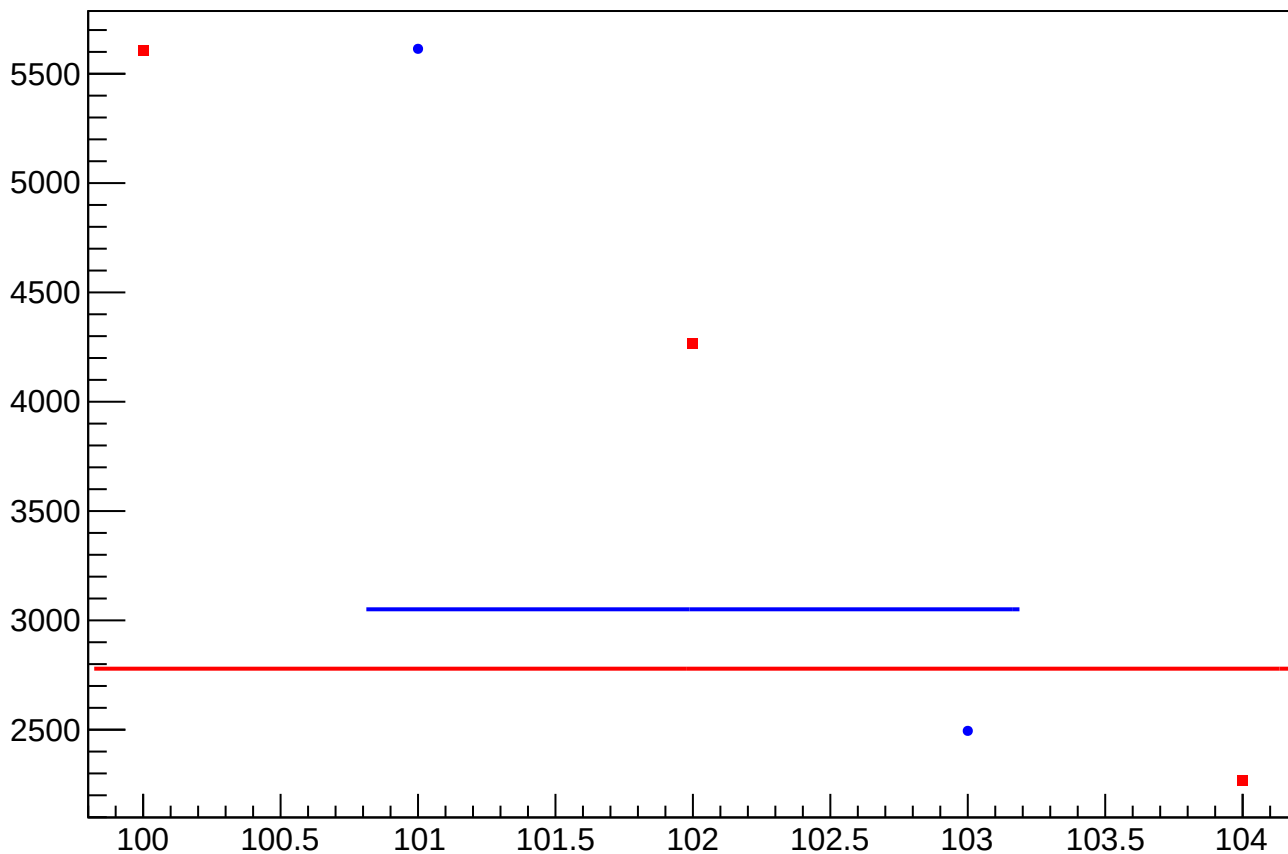
Right: 782.515+/-2014.424 χ^2/NDF : 2.6/4

In: -1132.488+/-2926.555 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.515+/-2014.424 χ^2/NDF : 2.6/4

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: 2779.074+/-1.964 χ^2/NDF : 217274.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

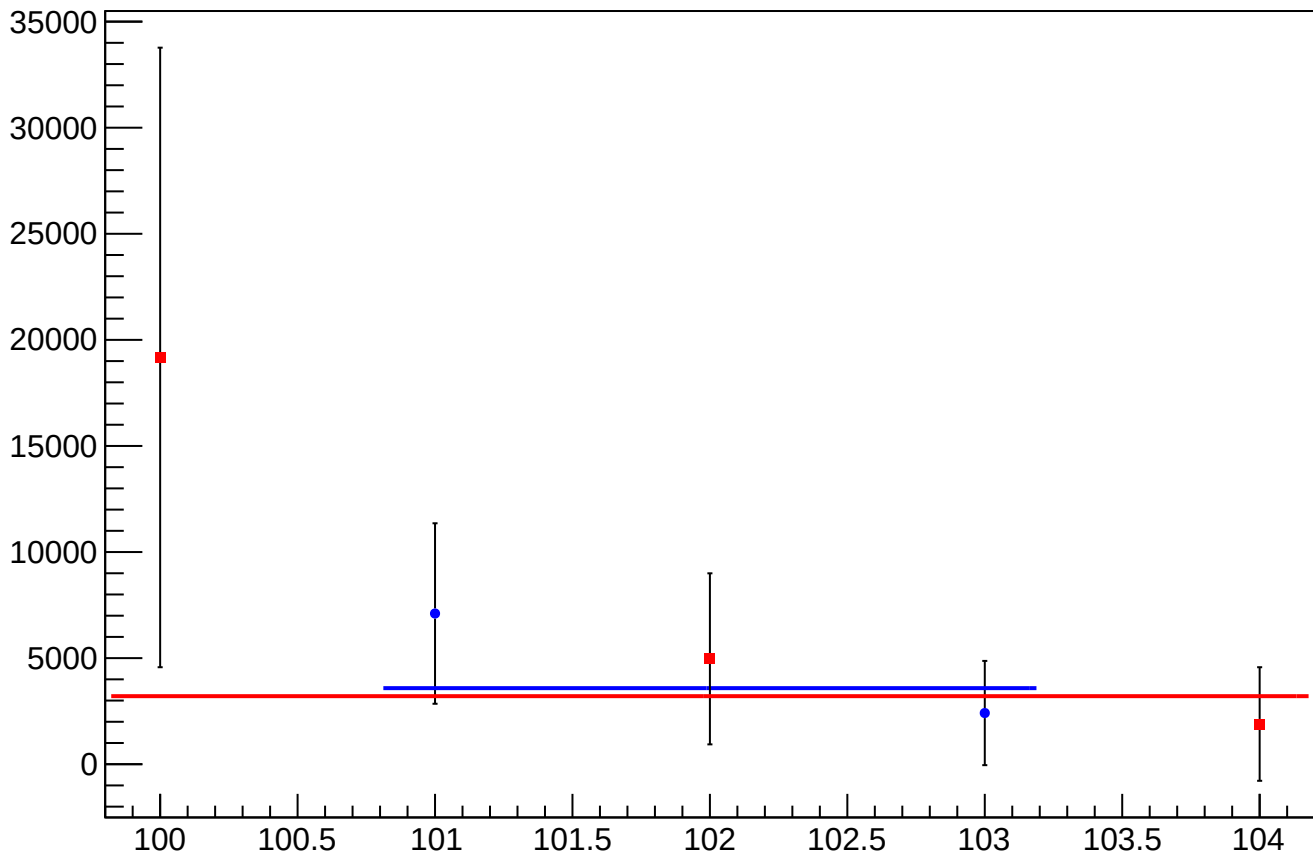
Right: 2907.749+/-1.424 χ^2/NDF : 559138.4/4

In: 3050.659+/-2.069 χ^2/NDF : 332800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2907.749+/-1.424 χ^2/NDF : 559138.4/4

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: 3207.071+/-2204.253 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

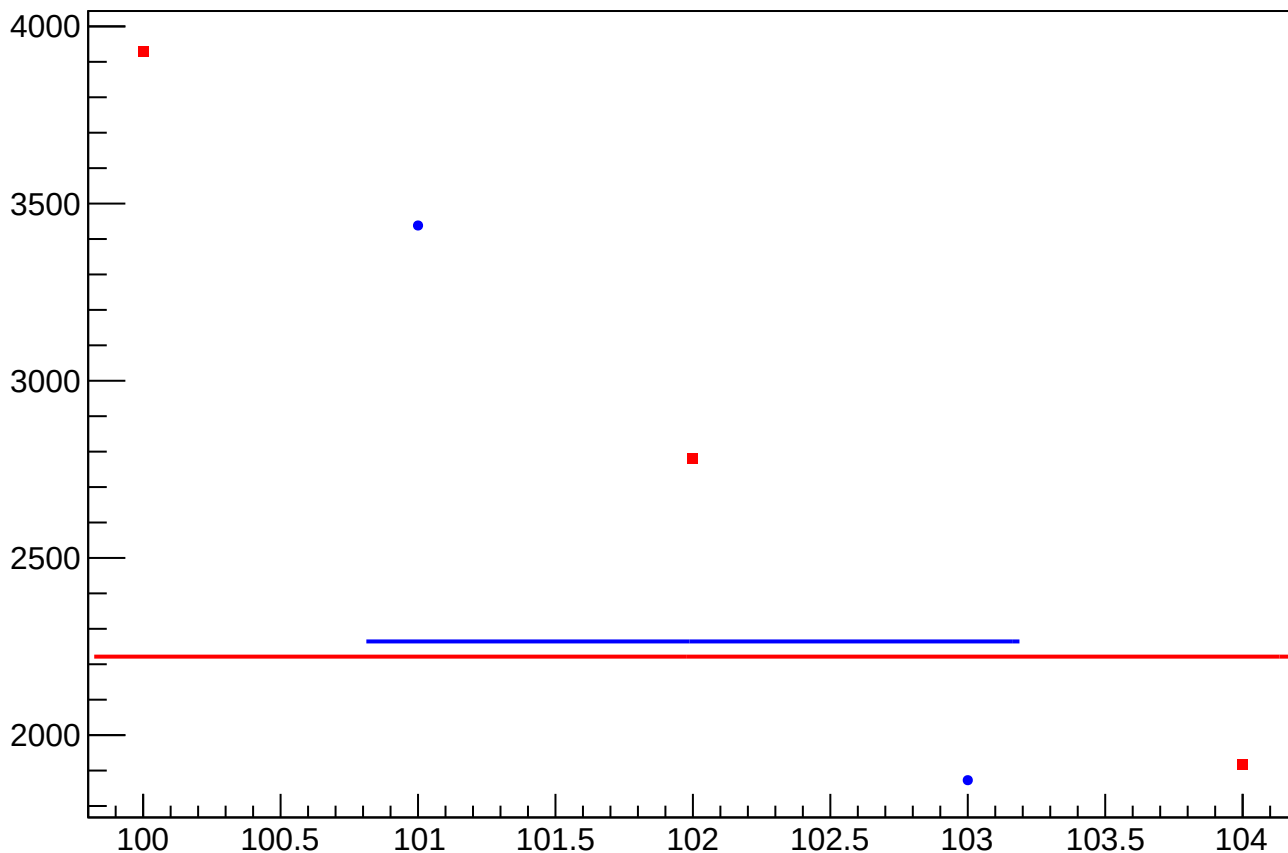
Right: 3402.917+/-1530.689 χ^2/NDF : 2.6/4

In: 3585.317+/-2127.242 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3402.917+/-1530.689 χ^2/NDF : 2.6/4

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: 2221.514+/-1.559 χ^2/NDF : 91700.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

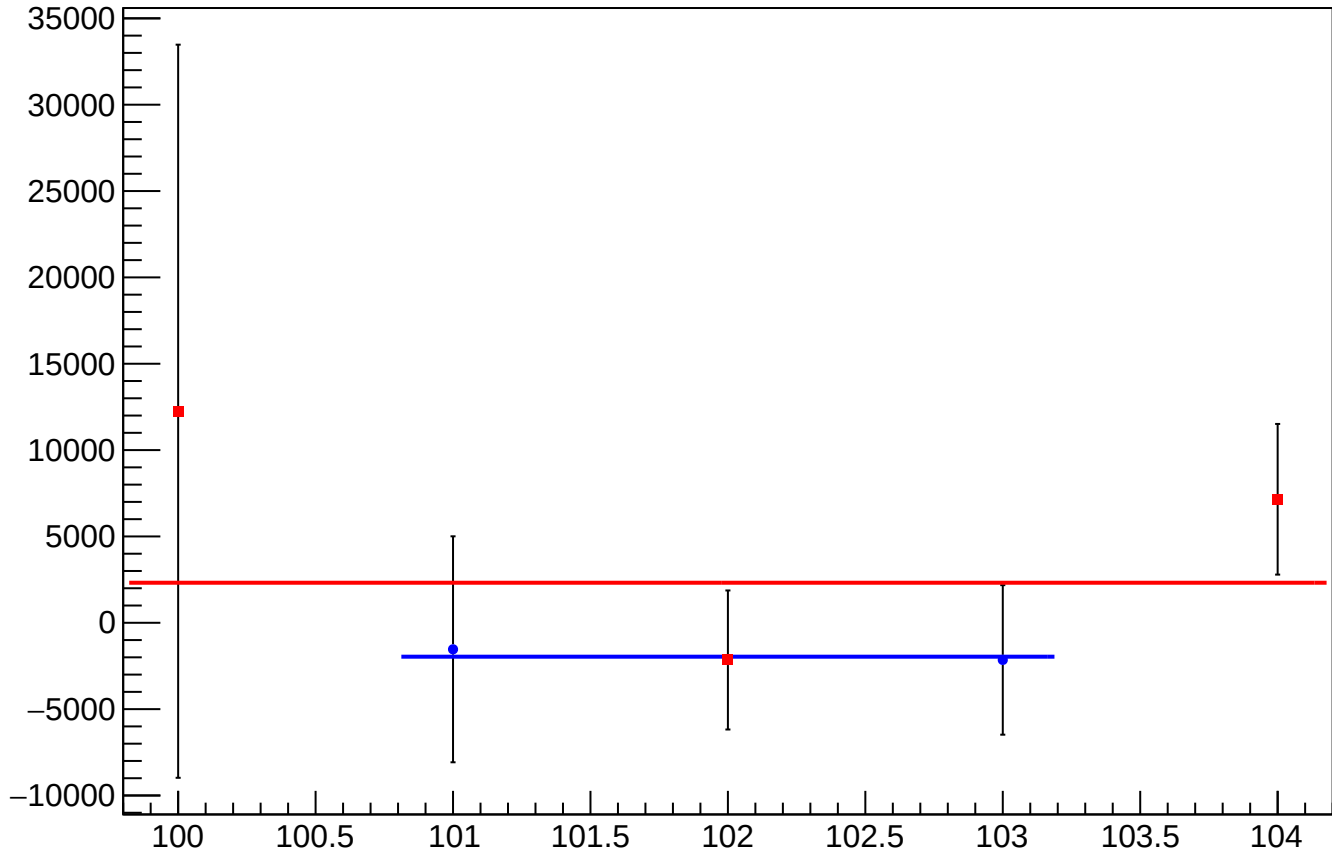
Right: 2243.704+/-1.082 χ^2/NDF : 295217.0/4

In: 2264.373+/-1.504 χ^2/NDF : 203125.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2243.704+/-1.082 χ^2/NDF : 295217.0/4

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: 2319.519+/-2930.023 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

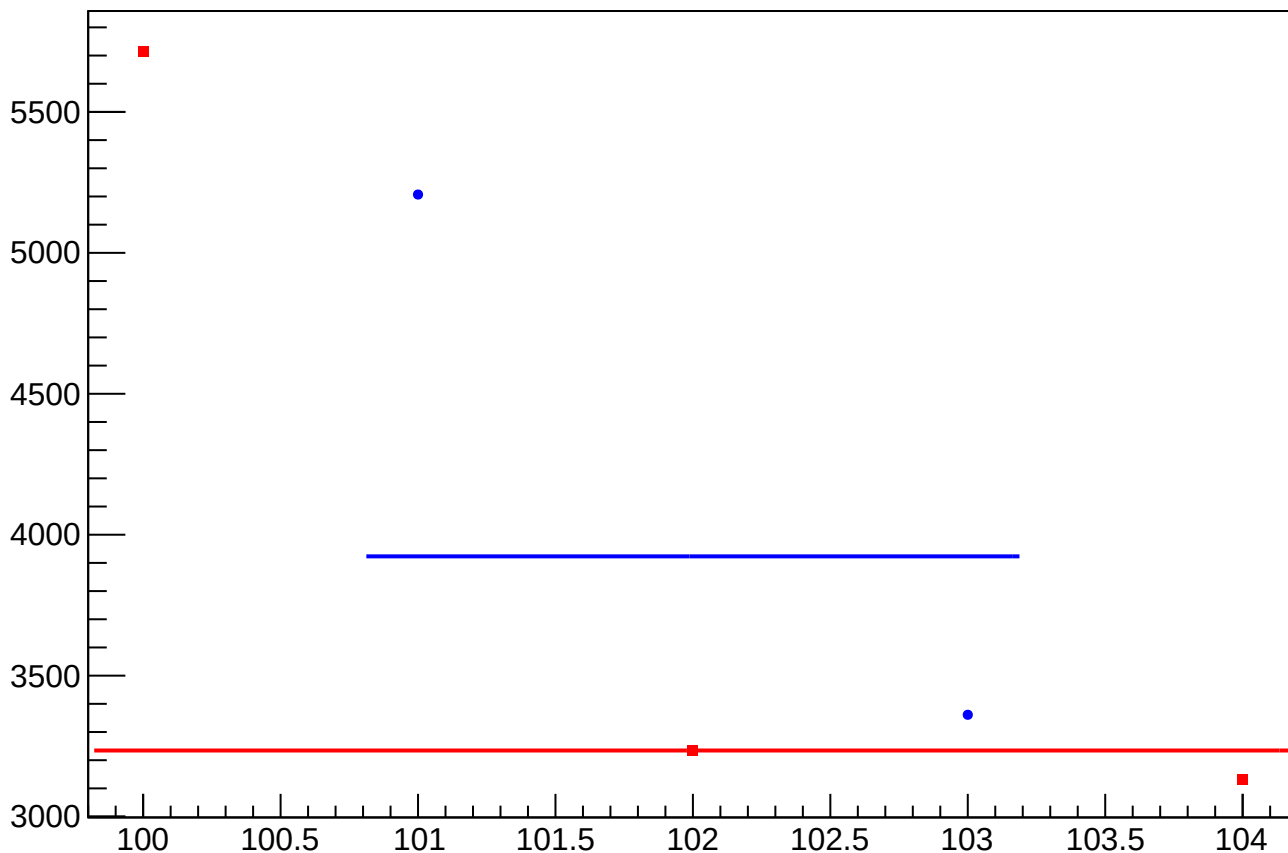
Right: 618.982+/-2275.049 χ^2/NDF : 3.5/4

In: -1962.784+/-3610.242 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.982+/-2275.049 χ^2/NDF : 3.5/4

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: 3234.464+/-2.072 χ^2/NDF : 28416.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

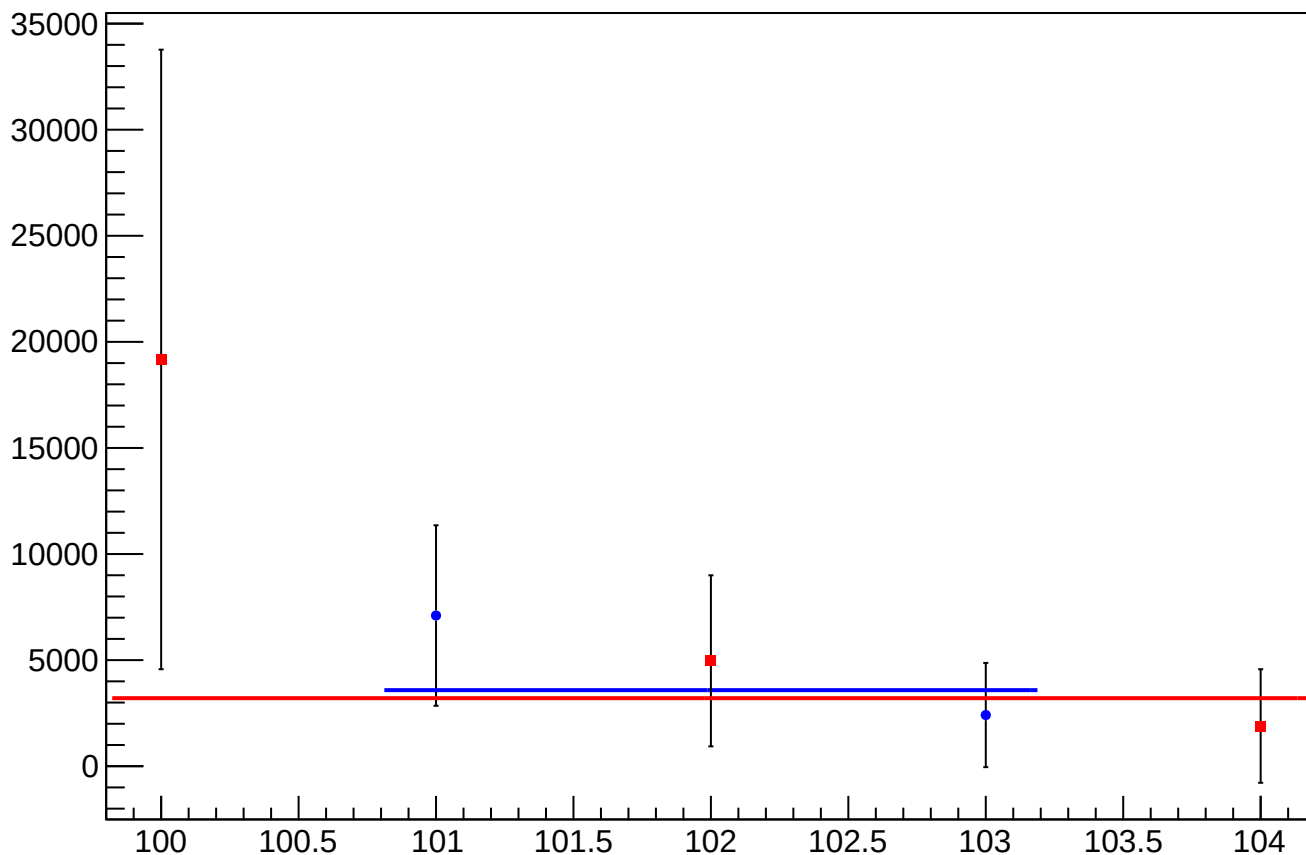
Right: 3507.976+/-1.609 χ^2/NDF : 183014.8/4

In: 3923.224+/-2.553 χ^2/NDF : 110712.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.976+/-1.609 χ^2/NDF : 183014.8/4

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: 3207.051+/-2204.250 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

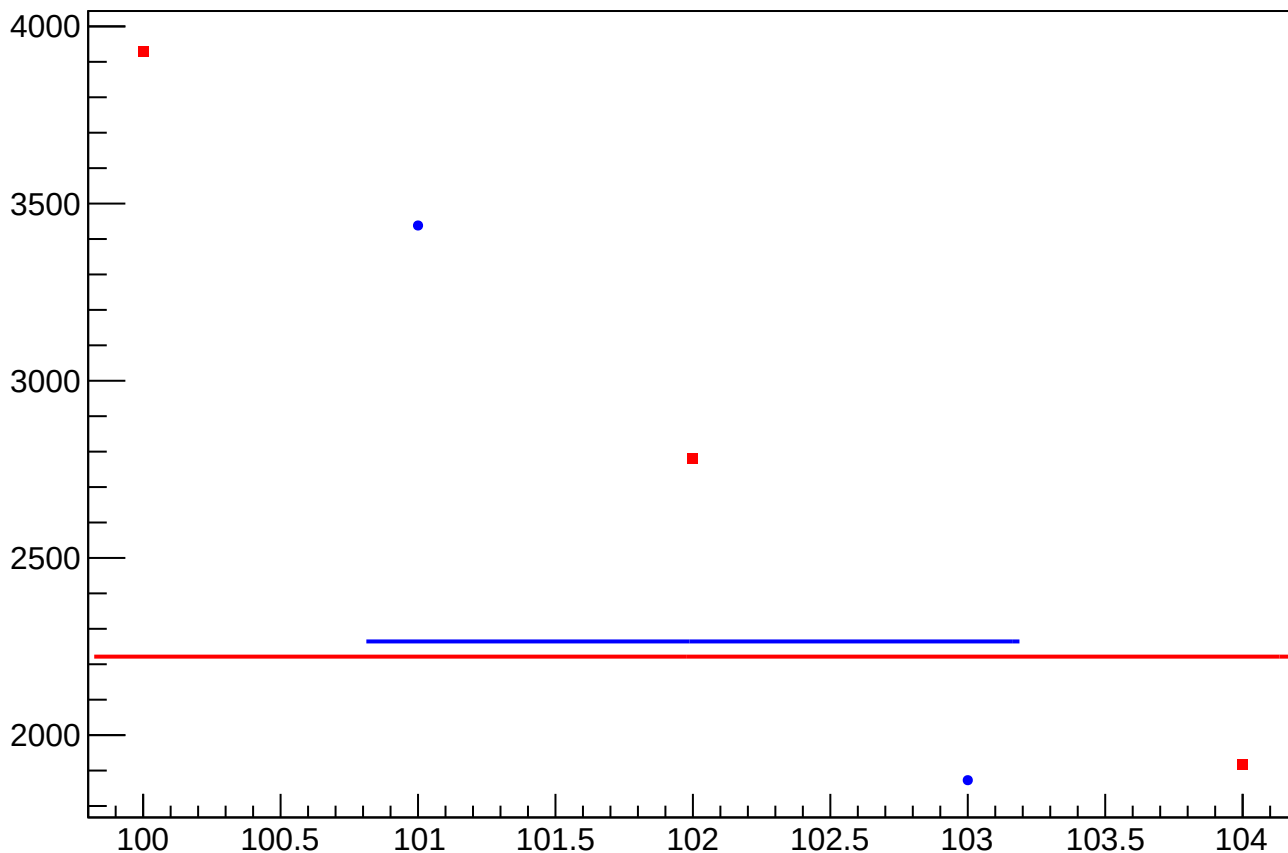
Right: 3402.900+/-1530.687 χ^2/NDF : 2.6/4

In: 3585.303+/-2127.239 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3402.900+/-1530.687 χ^2/NDF : 2.6/4

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: 2221.510+/-1.559 χ^2/NDF : 91700.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

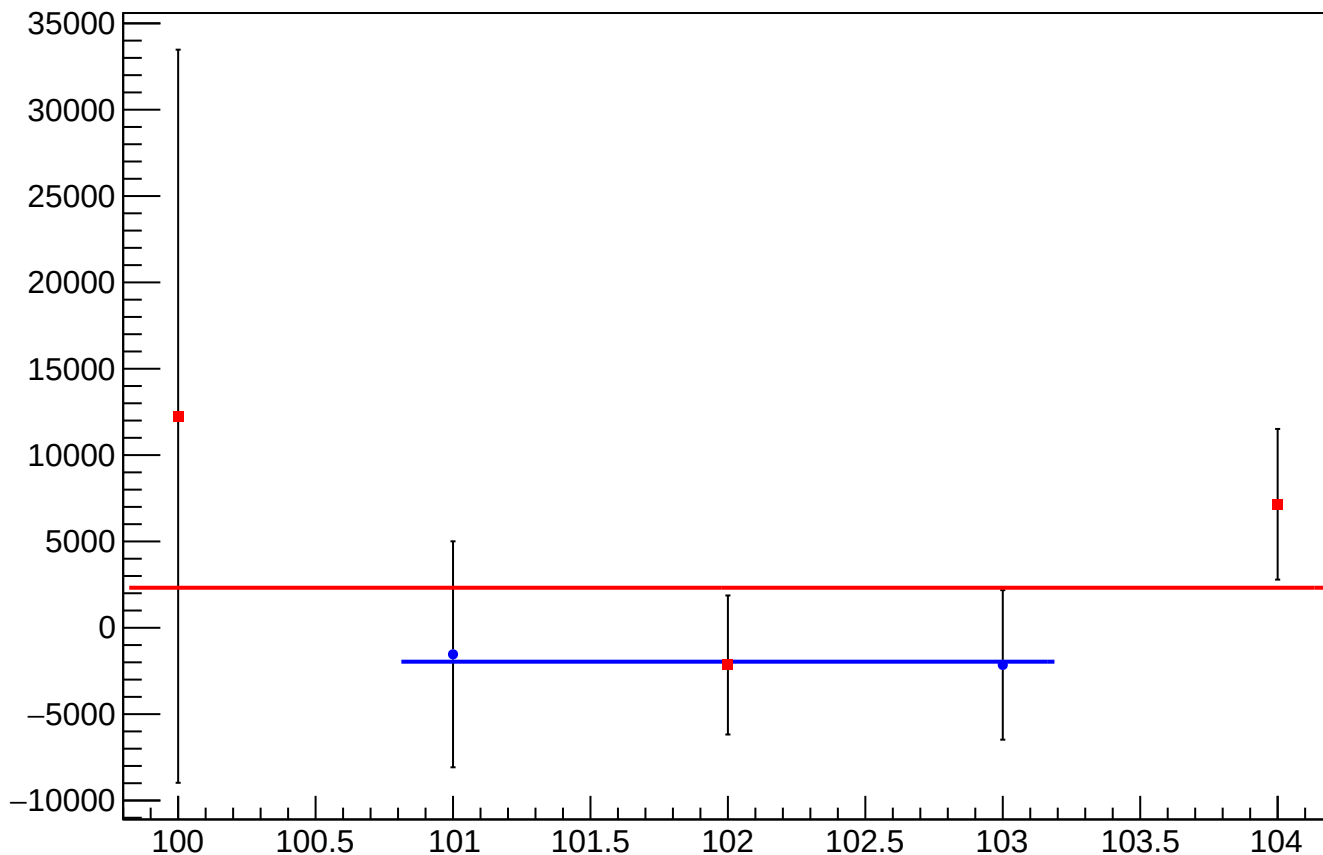
Right: 2243.700+/-1.082 χ^2/NDF : 295218.2/4

In: 2264.369+/-1.504 χ^2/NDF : 203126.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2243.700+/-1.082 χ^2/NDF : 295218.2/4

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: 2319.512+/-2930.016 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

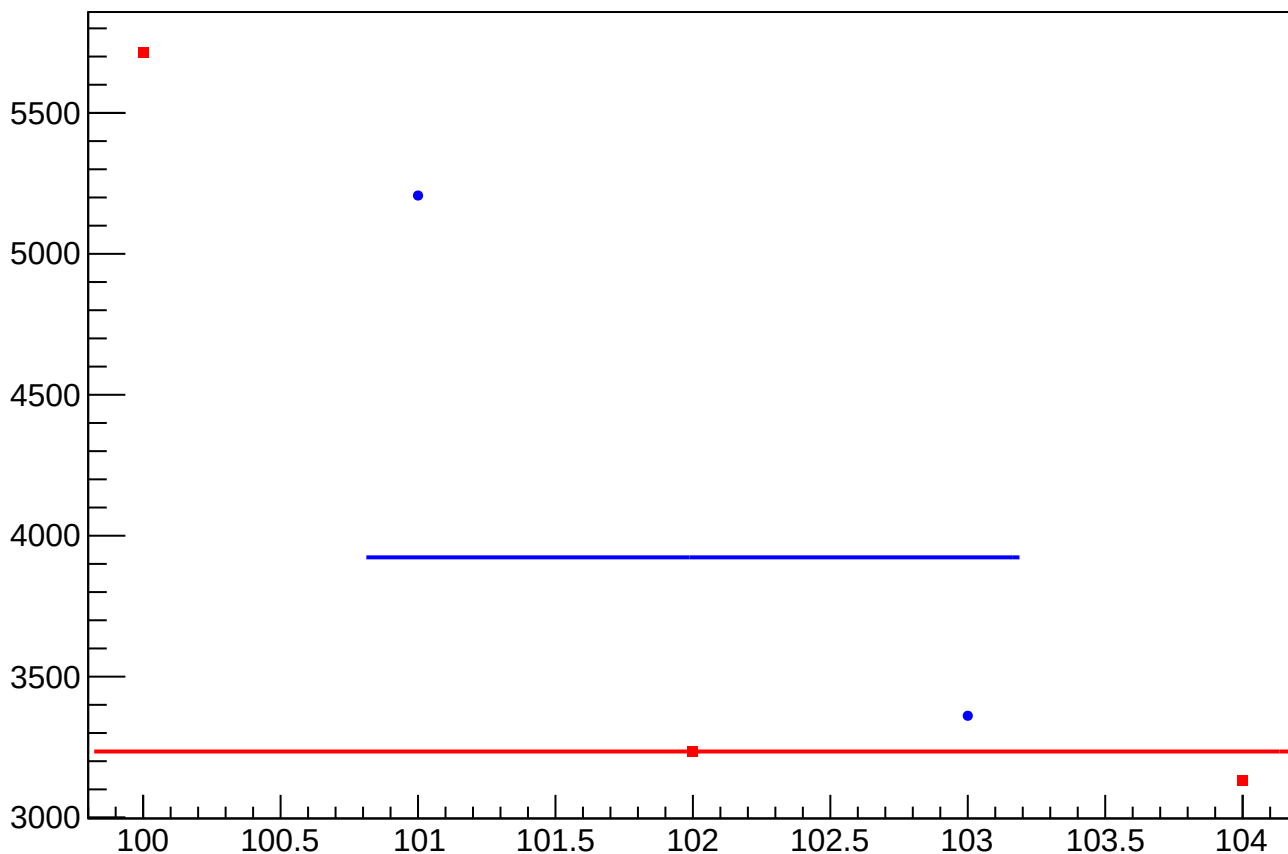
Right: 618.975+/-2275.044 χ^2/NDF : 3.5/4

In: -1962.791+/-3610.235 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.975+/-2275.044 χ^2/NDF : 3.5/4

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: 3234.456+/-2.072 χ^2/NDF : 28416.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

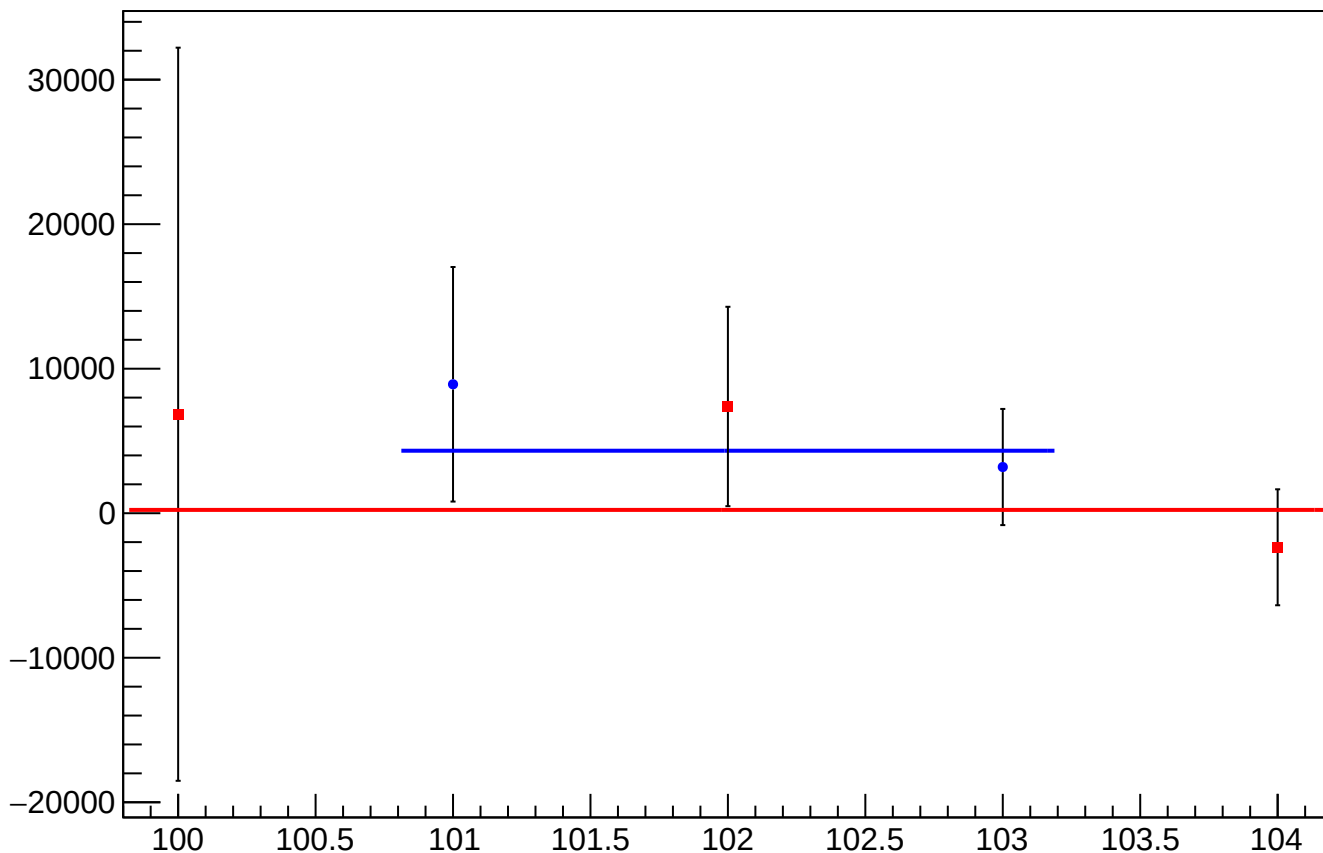
Right: 3507.968+/-1.609 χ^2/NDF : 183015.2/4

In: 3923.216+/-2.553 χ^2/NDF : 110712.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3507.968+/-1.609 χ^2/NDF : 183015.2/4

asym_us_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: 229.535+/-3436.197 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

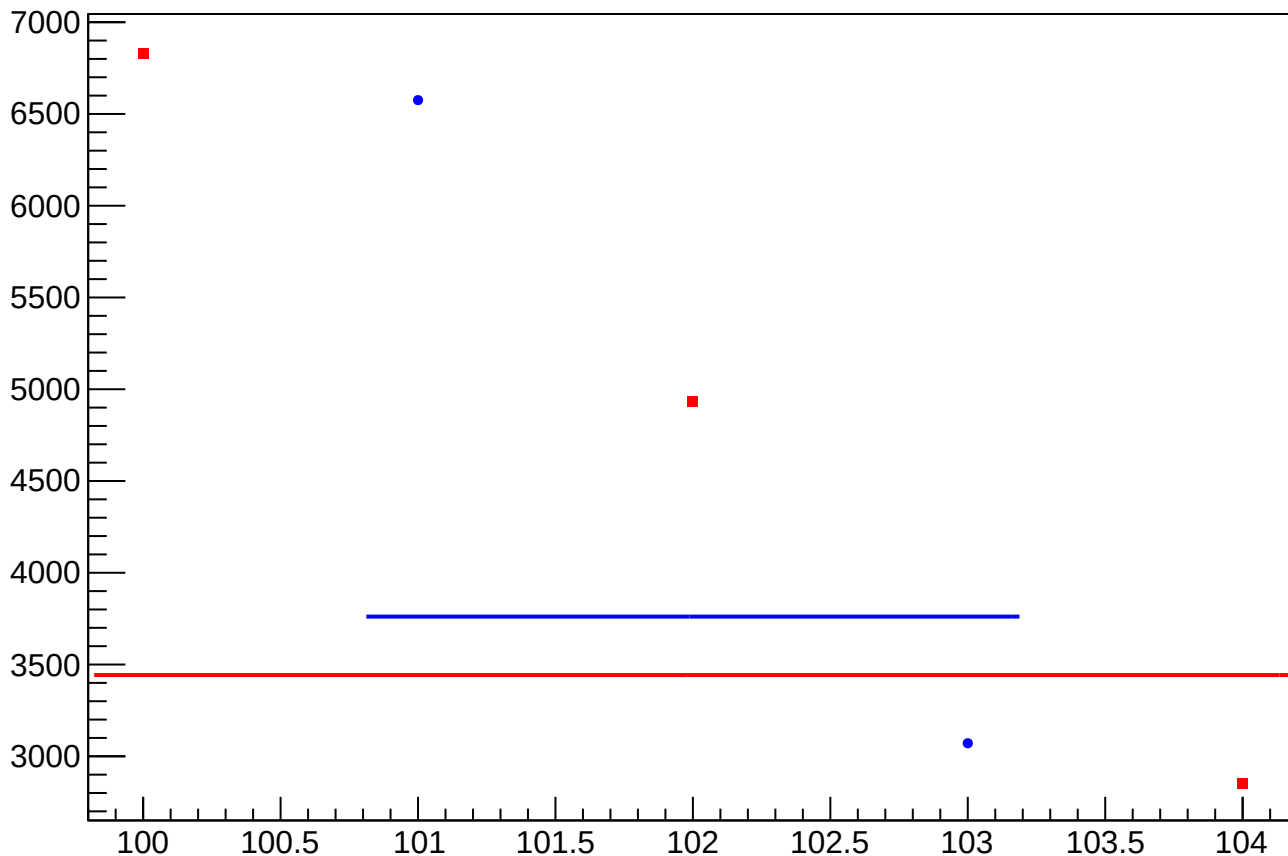
Right: 2180.842+/-2486.141 χ^2/NDF : 2.6/4

In: 4324.398+/-3601.494 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.842+/-2486.141 χ^2/NDF : 2.6/4

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: 3442.748+/-2.429 χ^2/NDF : 172457.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

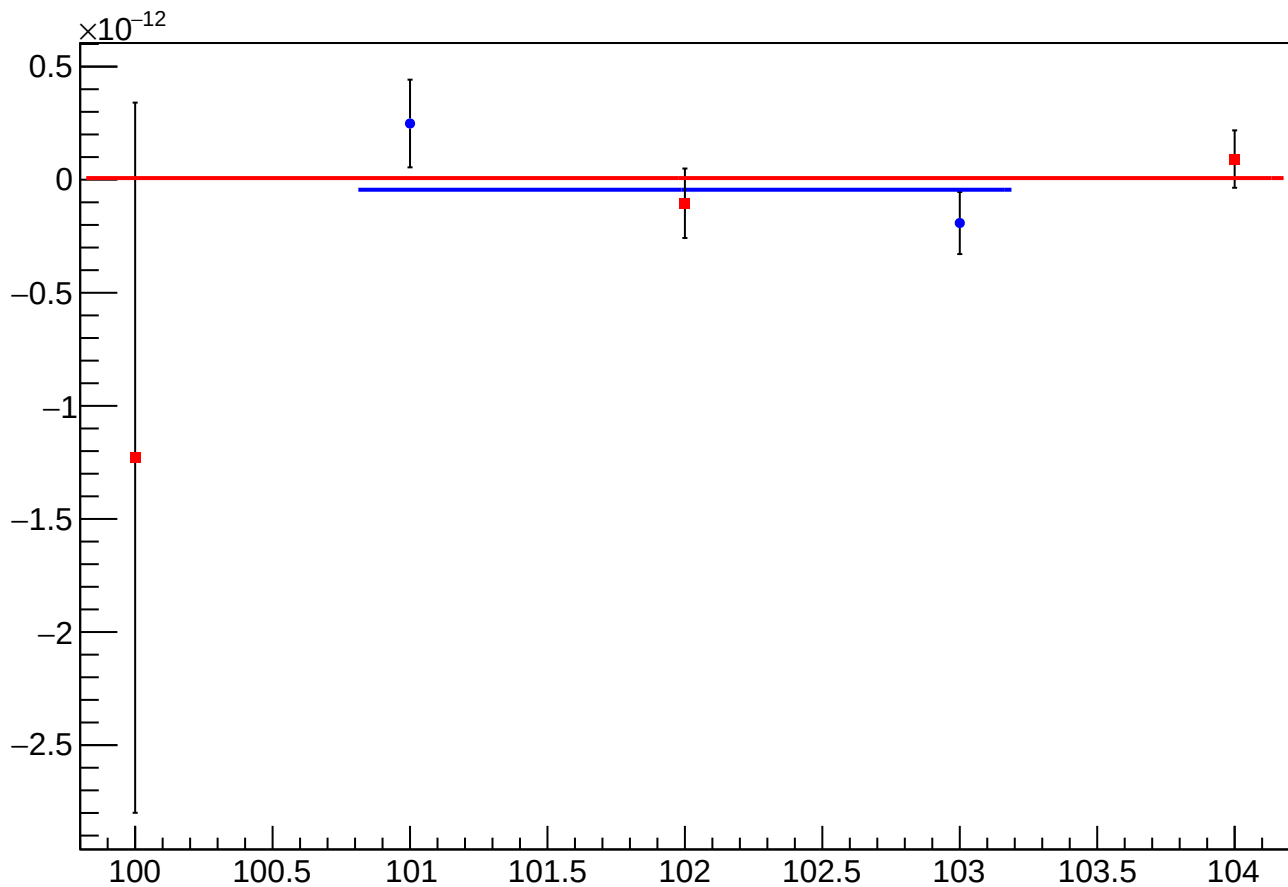
Right: 3594.507+/-1.758 χ^2/NDF : 480150.4/4

In: 3761.242+/-2.546 χ^2/NDF : 299503.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3594.507+/-1.758 χ^2/NDF : 480150.4/4

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: 1.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

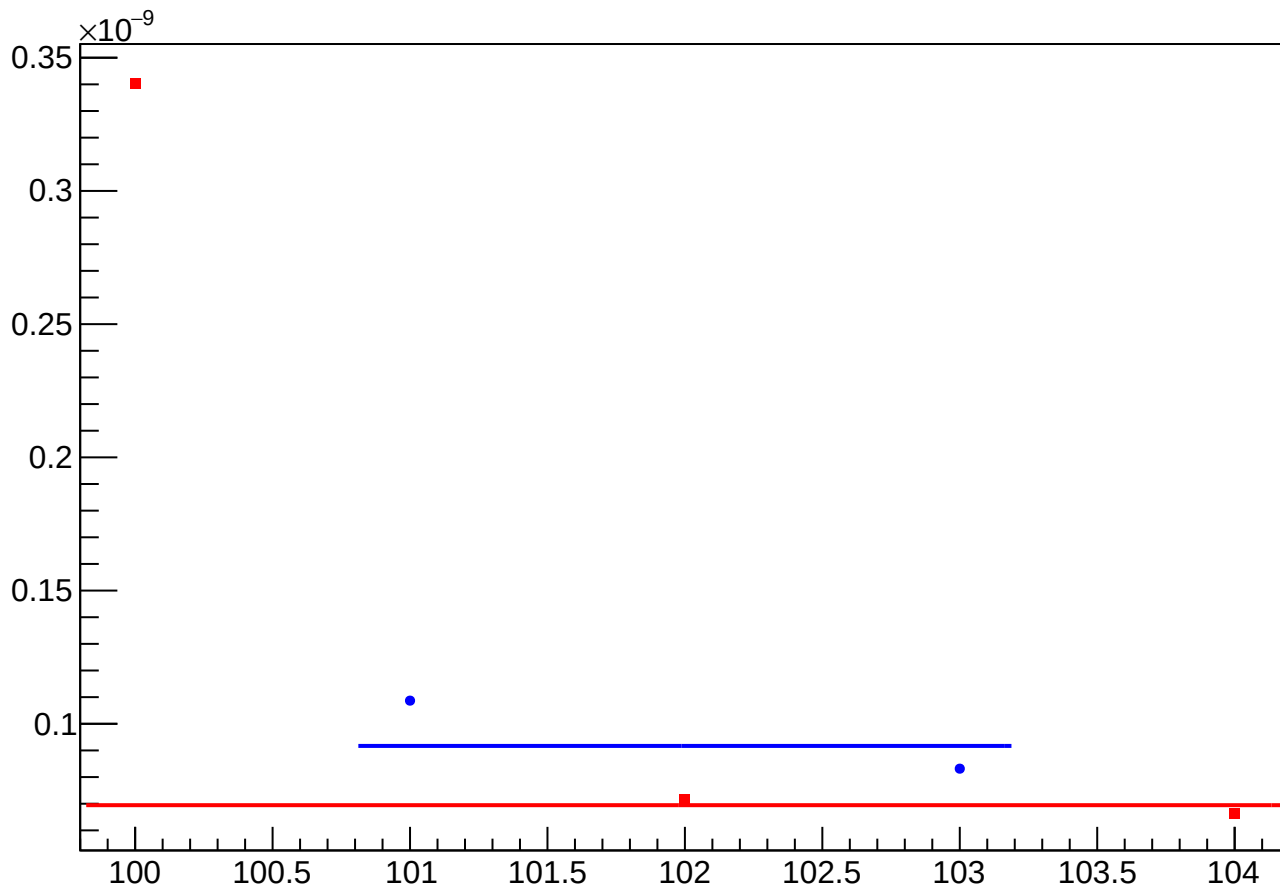
Right: -0.000+/-0.000 χ^2 /NDF: 5.1/4

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: 5.1/4

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 : 61080.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

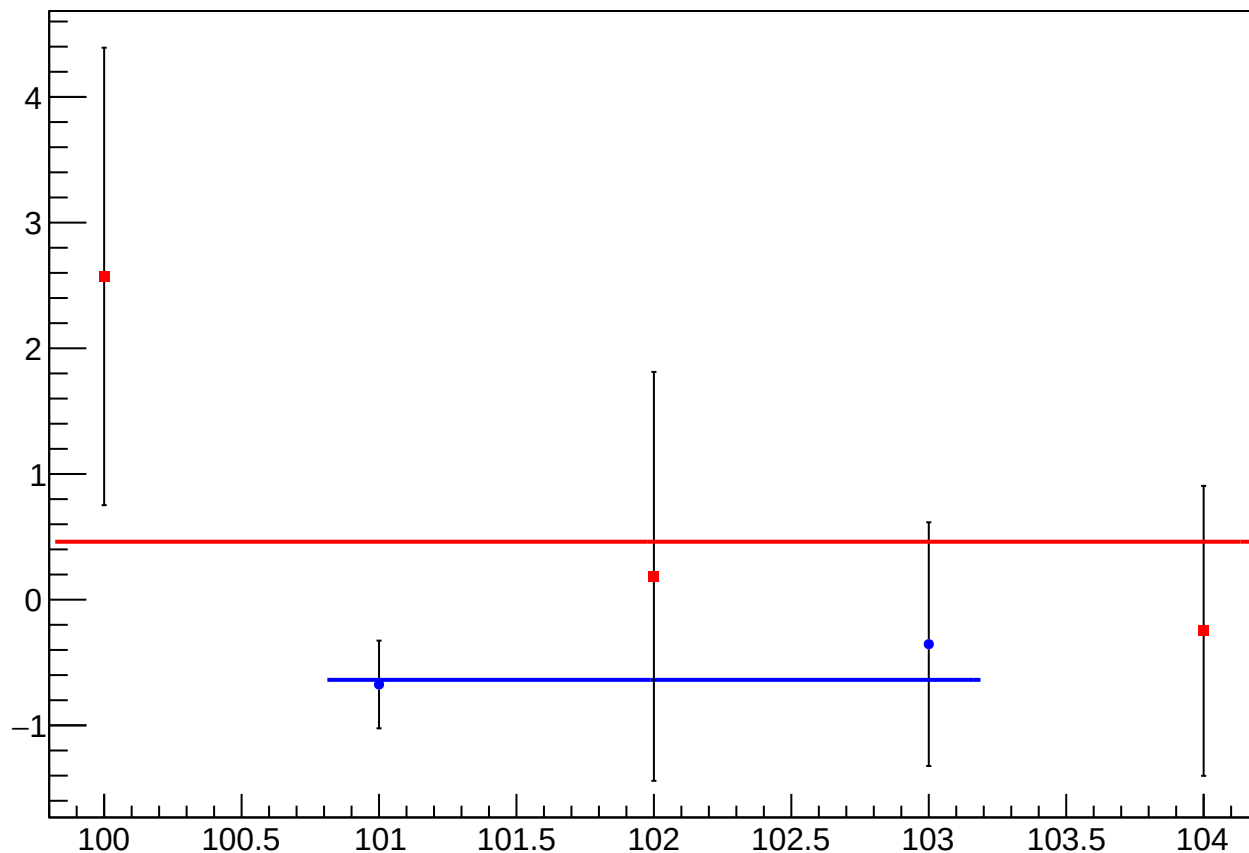
Right: 0.000+/-0.000 χ^2/NDF : 128960.9/4

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 : 128960.9/4

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: 0.461 $\pm$ 0.836 χ^2 /NDF: 1.8/2

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

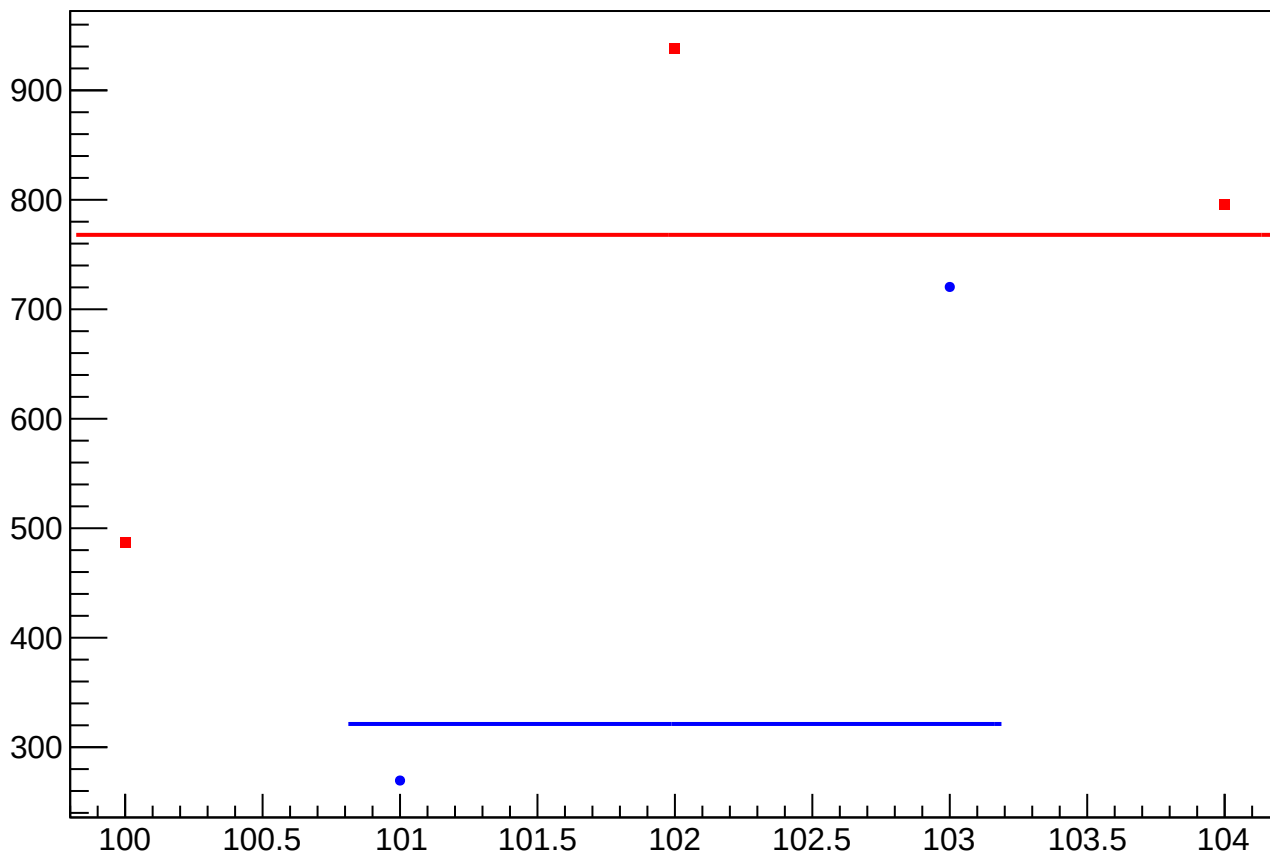
Right: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: 767.987+/-0.591 χ^2/NDF : 70706.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

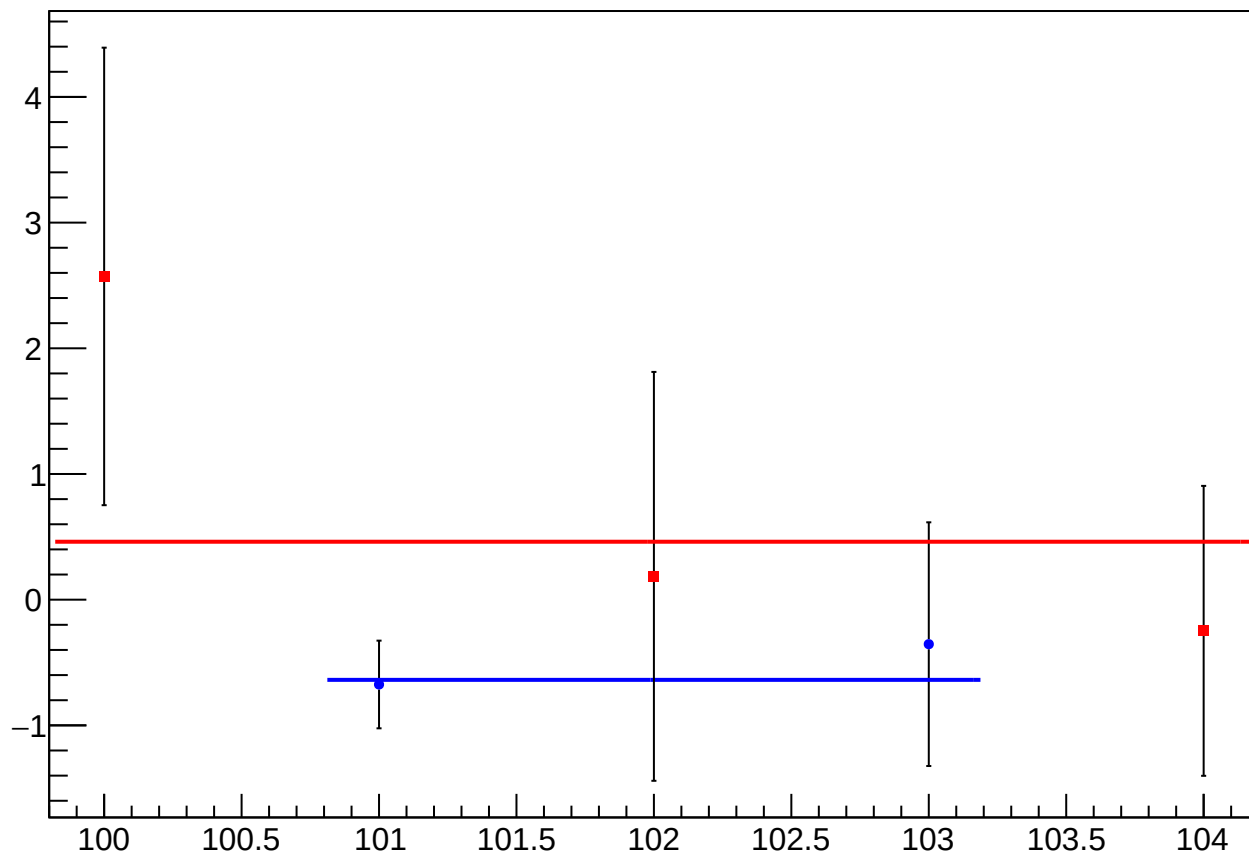
Right: 380.902+/-0.216 χ^2/NDF : 948800.9/4

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.902+/-0.216 χ^2/NDF : 948800.9/4

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 ± 0.328 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.461 ± 0.836 $\chi^2/\text{NDF}: 1.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

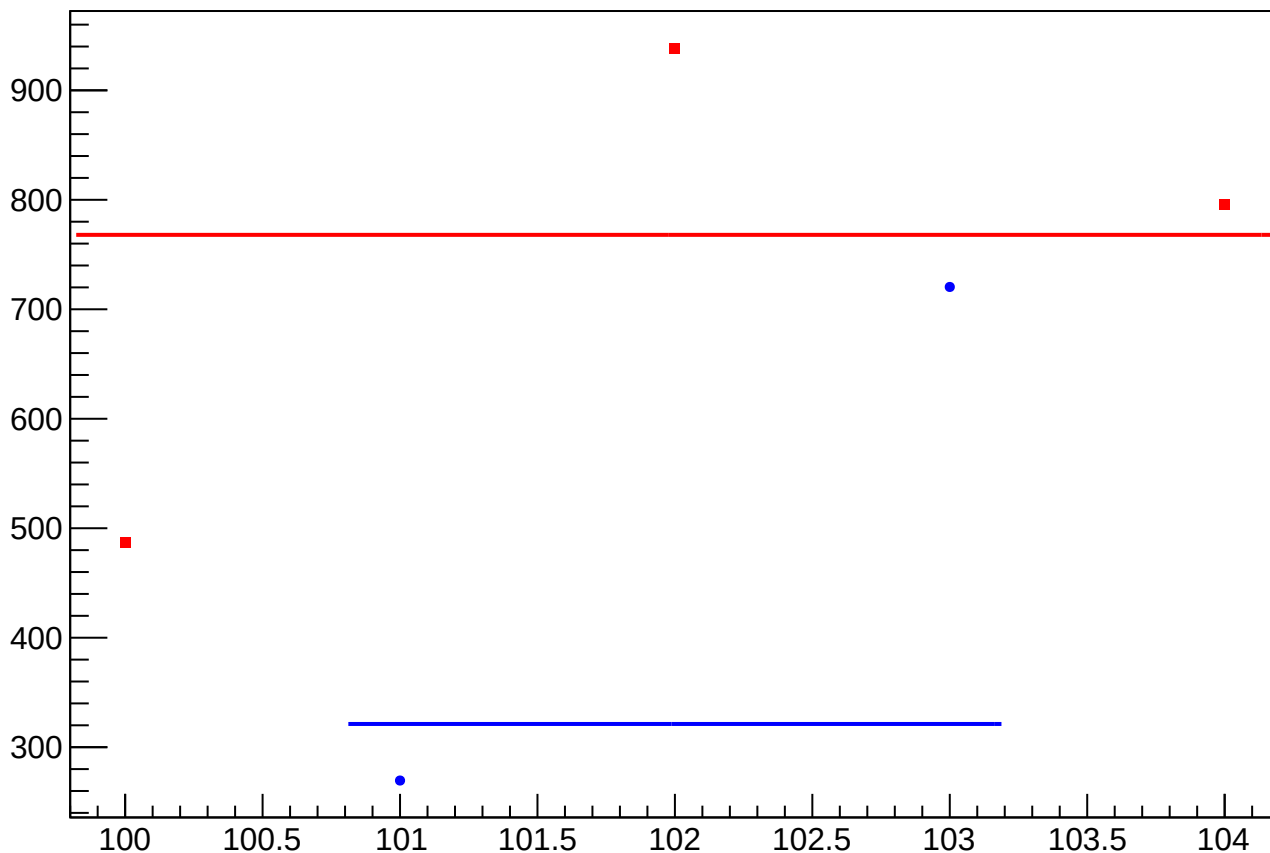
Right: -0.491 ± 0.305 $\chi^2/\text{NDF}: 3.3/4$

In: -0.638 ± 0.328 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.491 ± 0.305 $\chi^2/\text{NDF}: 3.3/4$

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: 767.987+/-0.591 χ^2/NDF : 70706.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

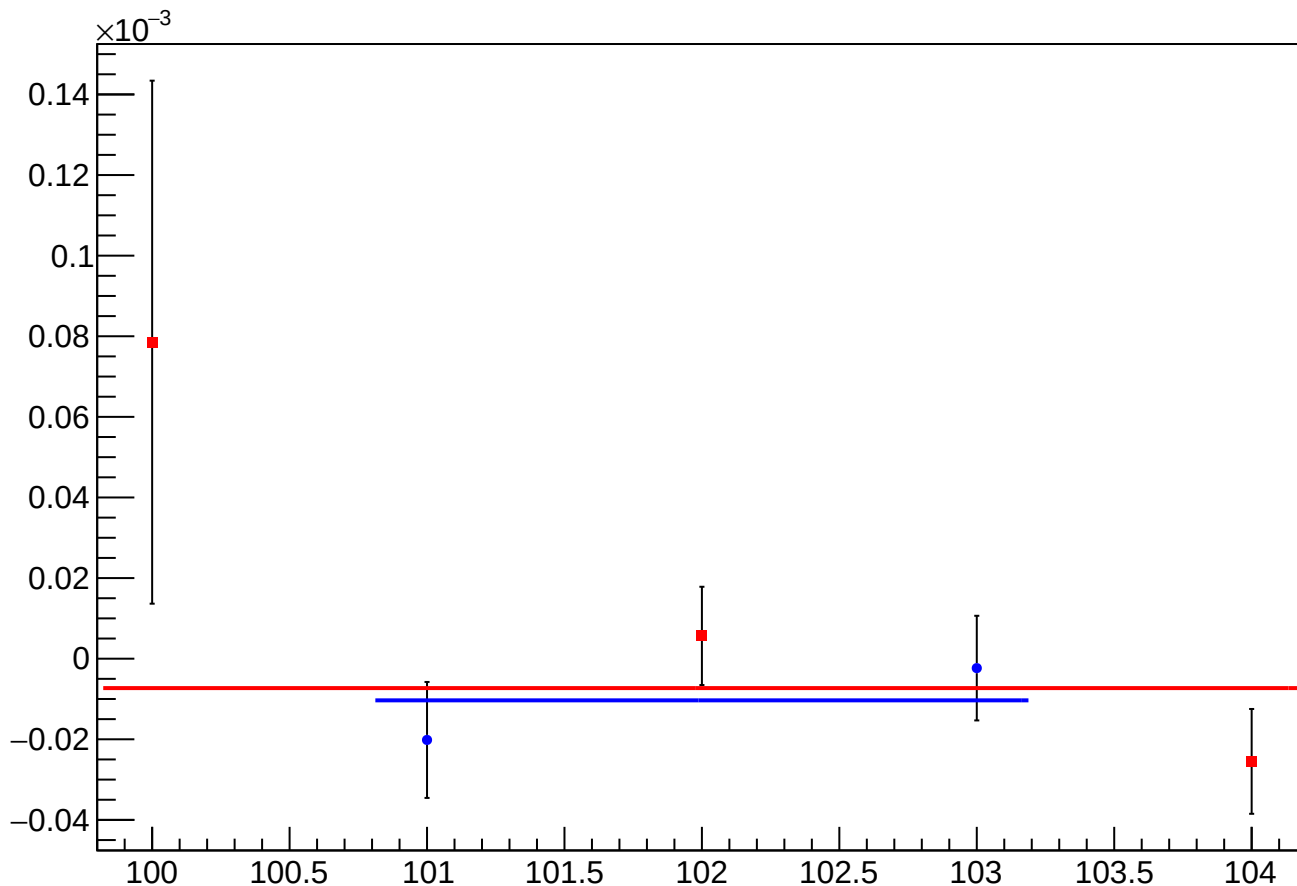
Right: 380.902+/-0.216 χ^2/NDF : 948800.9/4

In: 321.220+/-0.232 χ^2/NDF : 382961.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.902+/-0.216 χ^2/NDF : 948800.9/4

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 : 4.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

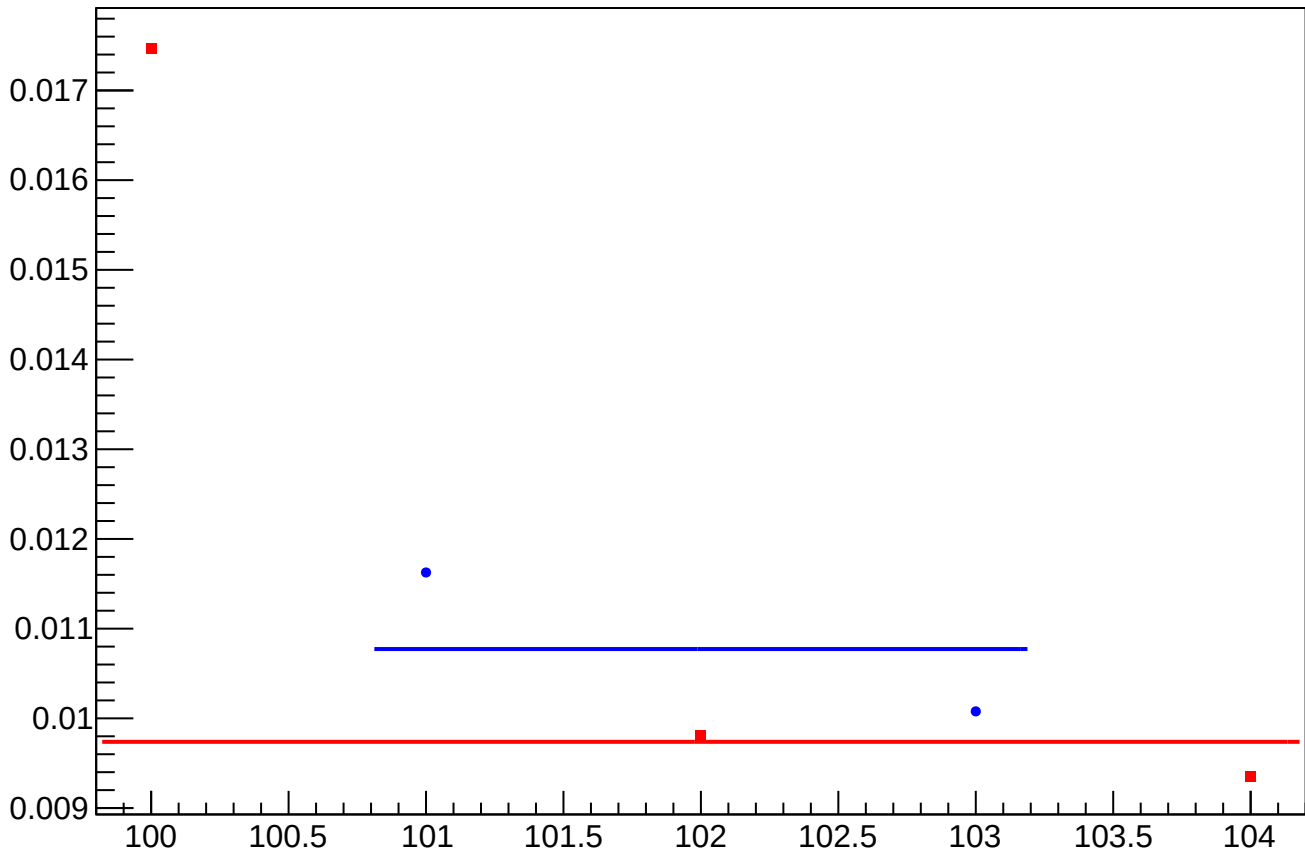
Right: -0.000+/-0.000 χ^2/NDF : 5.7/4

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 : 5.7/4

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: 0.010+/-0.000 χ^2/NDF : 30242.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

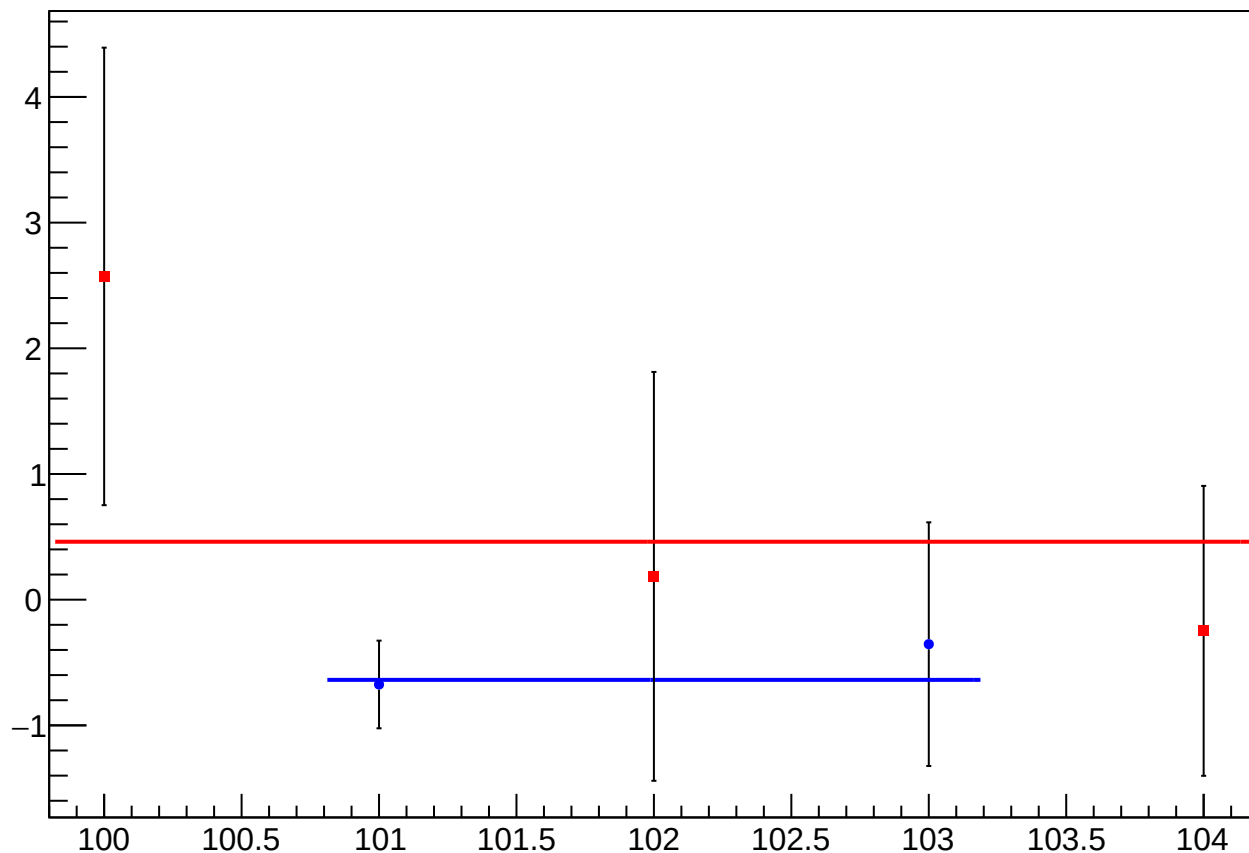
Right: 0.010+/-0.000 χ^2/NDF : 55565.3/4

In: 0.011+/-0.000 χ^2/NDF : 12772.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 55565.3/4

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: 0.461 $\pm$ 0.836 χ^2 /NDF: 1.8/2

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

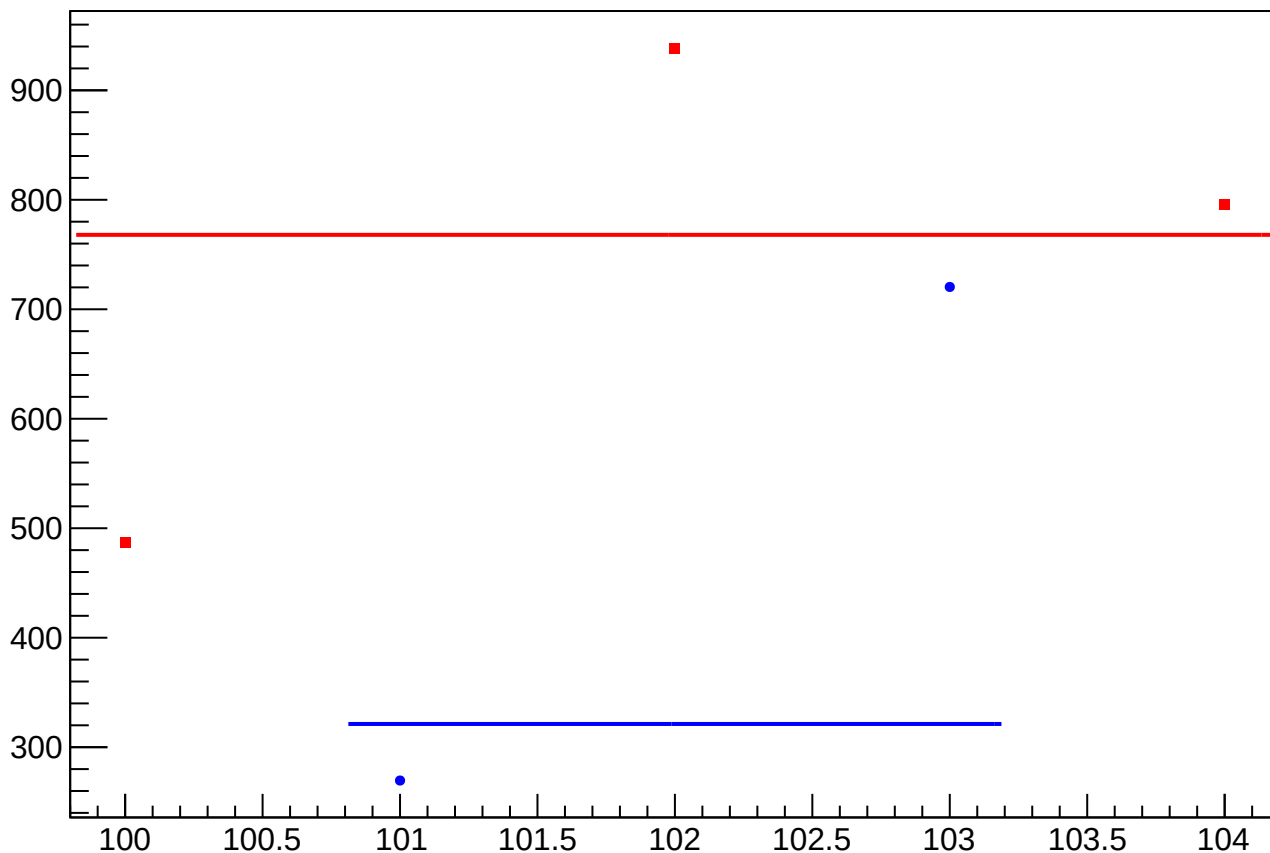
Right: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: 767.986+/-0.591 χ^2/NDF : 70699.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

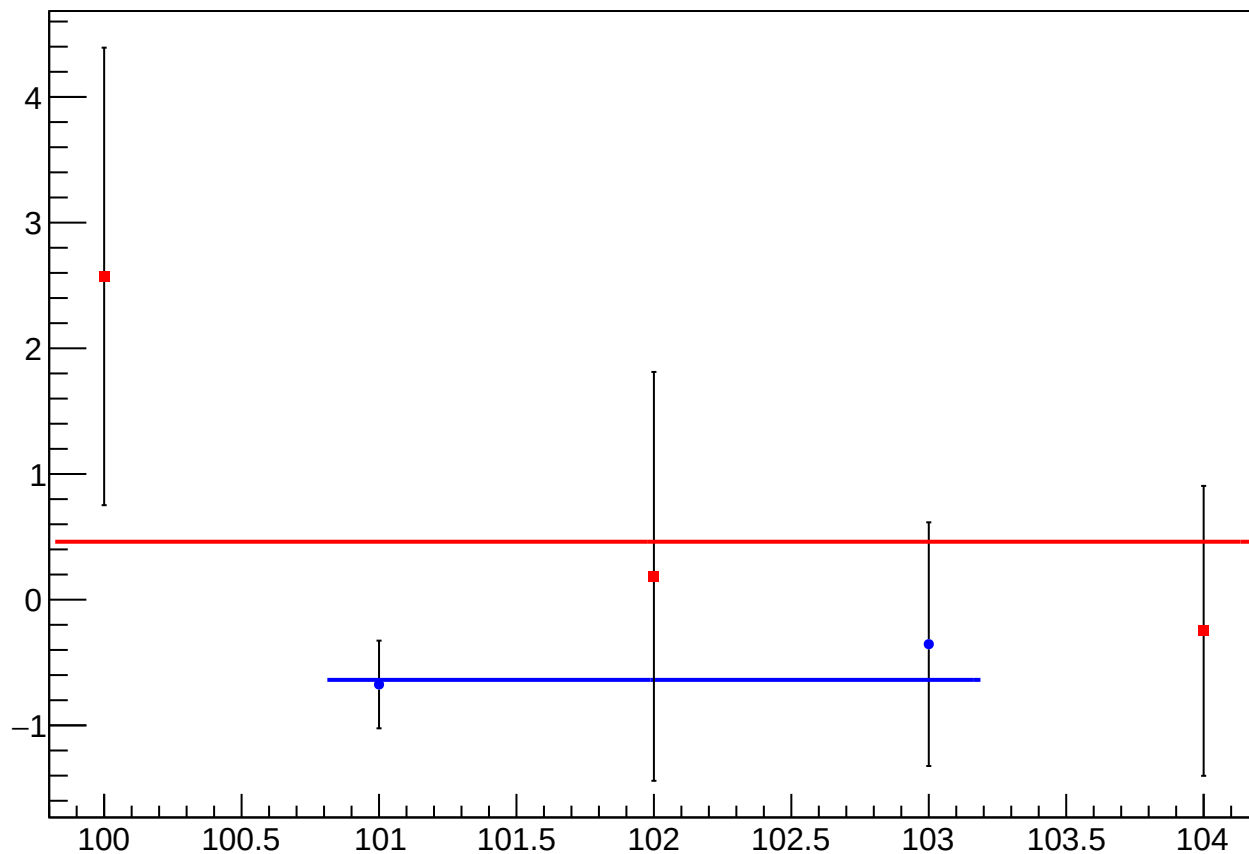
Right: 380.901+/-0.216 χ^2/NDF : 948791.6/4

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.901+/-0.216 χ^2/NDF : 948791.6/4

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.638 $\pm$ 0.328 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.461 $\pm$ 0.836 χ^2 /NDF: 1.8/2

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

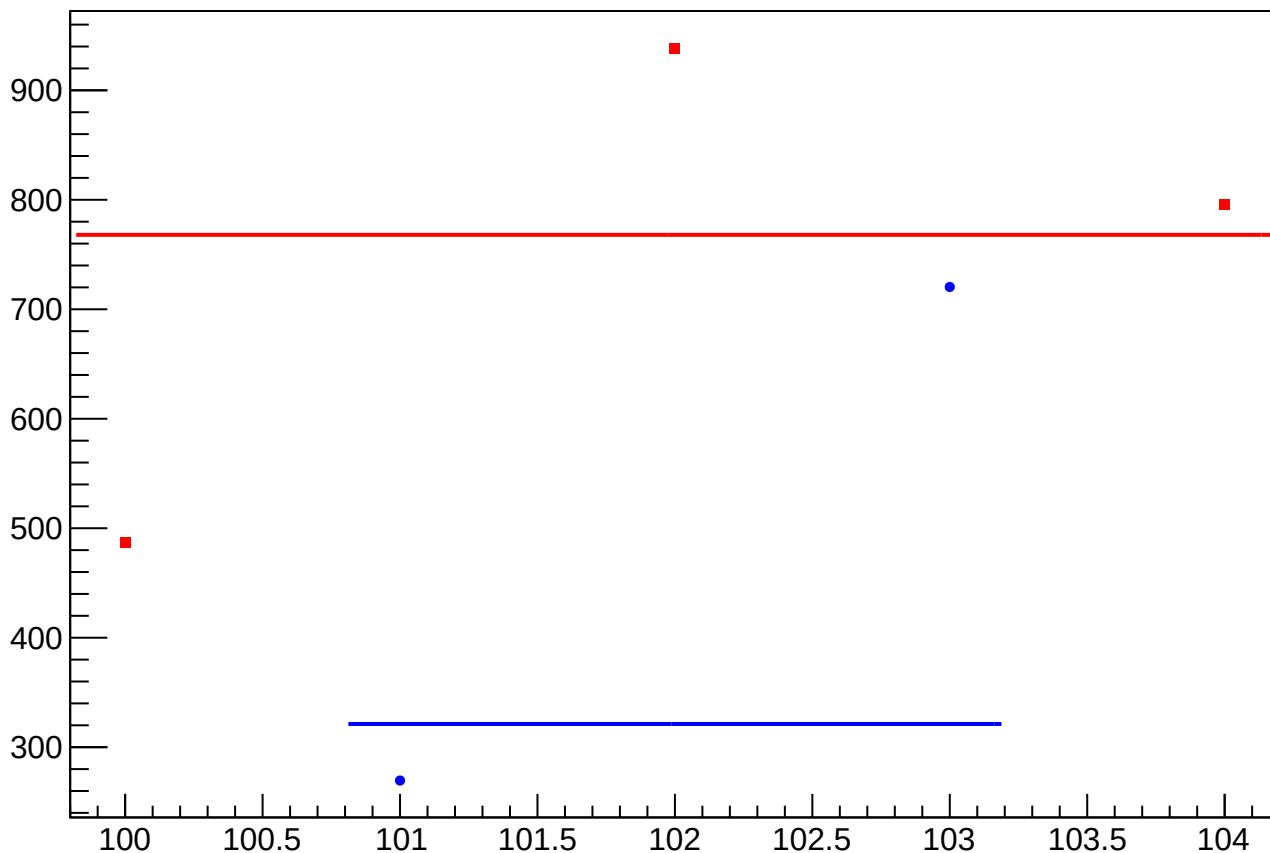
Right: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: -0.491 $\pm$ 0.305 χ^2 /NDF: 3.3/4

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: 767.986+/-0.591 χ^2/NDF : 70699.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

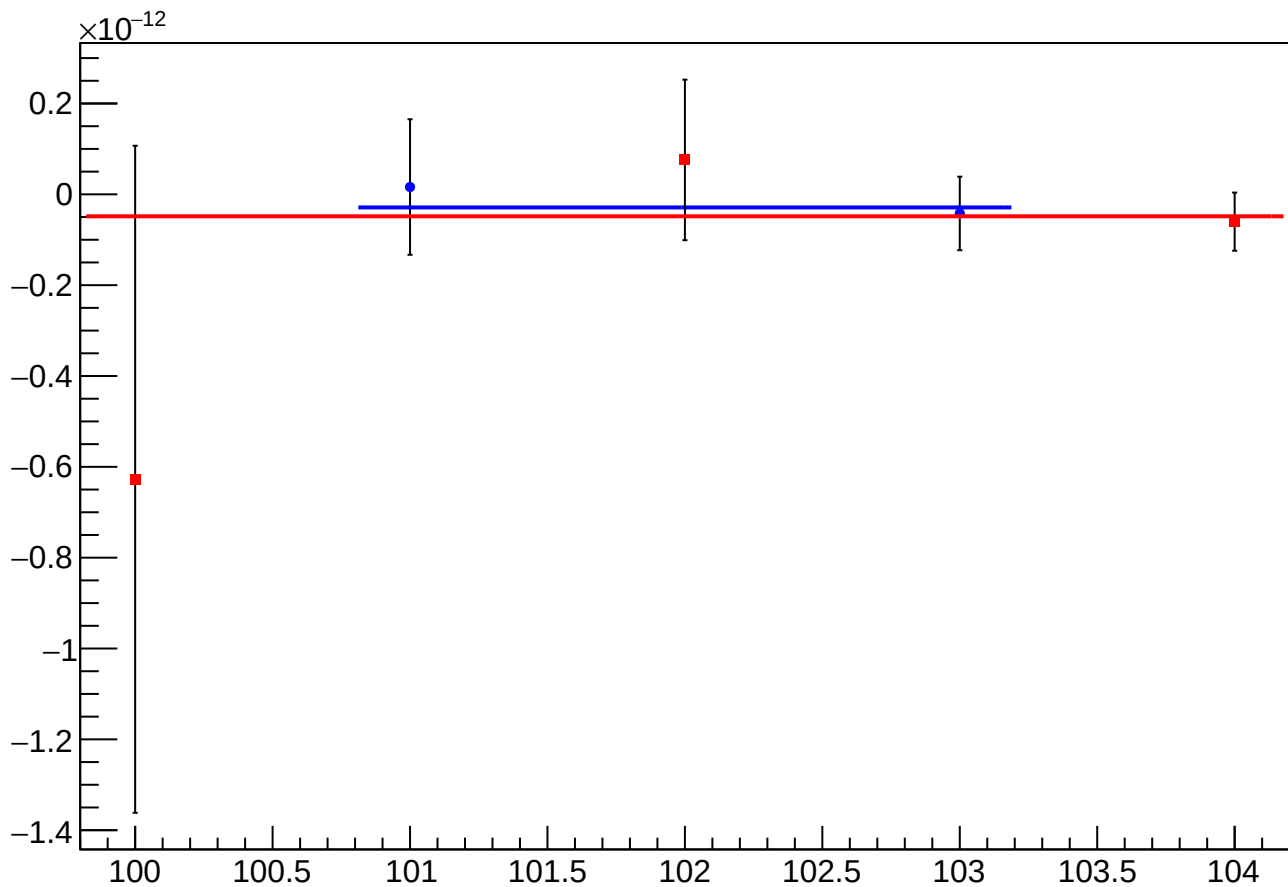
Right: 380.901+/-0.216 χ^2/NDF : 948791.6/4

In: 321.218+/-0.232 χ^2/NDF : 382955.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 380.901+/-0.216 χ^2/NDF : 948791.6/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

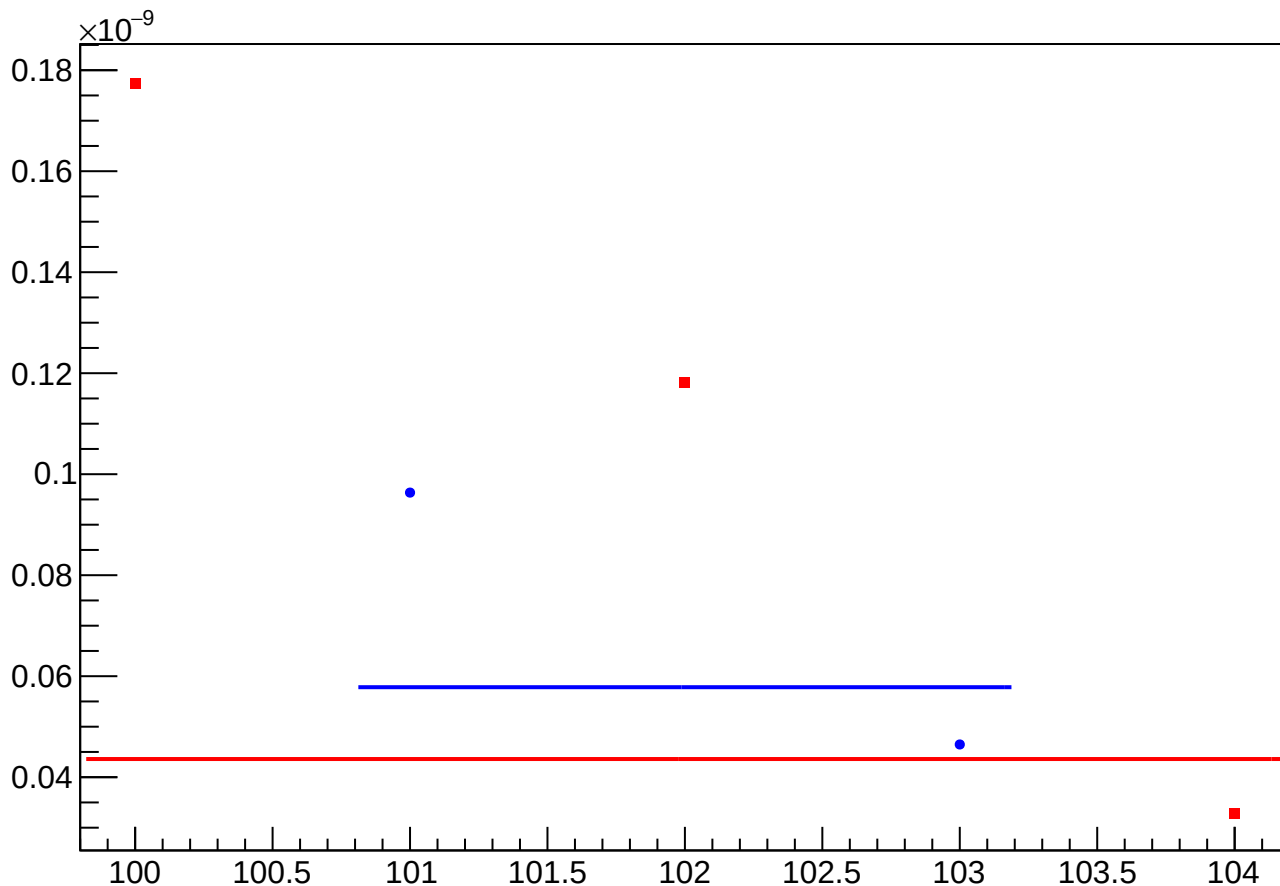
Right: -0.000+/-0.000 χ^2/NDF : 1.3/4

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 : 1.3/4

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 : 479847.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

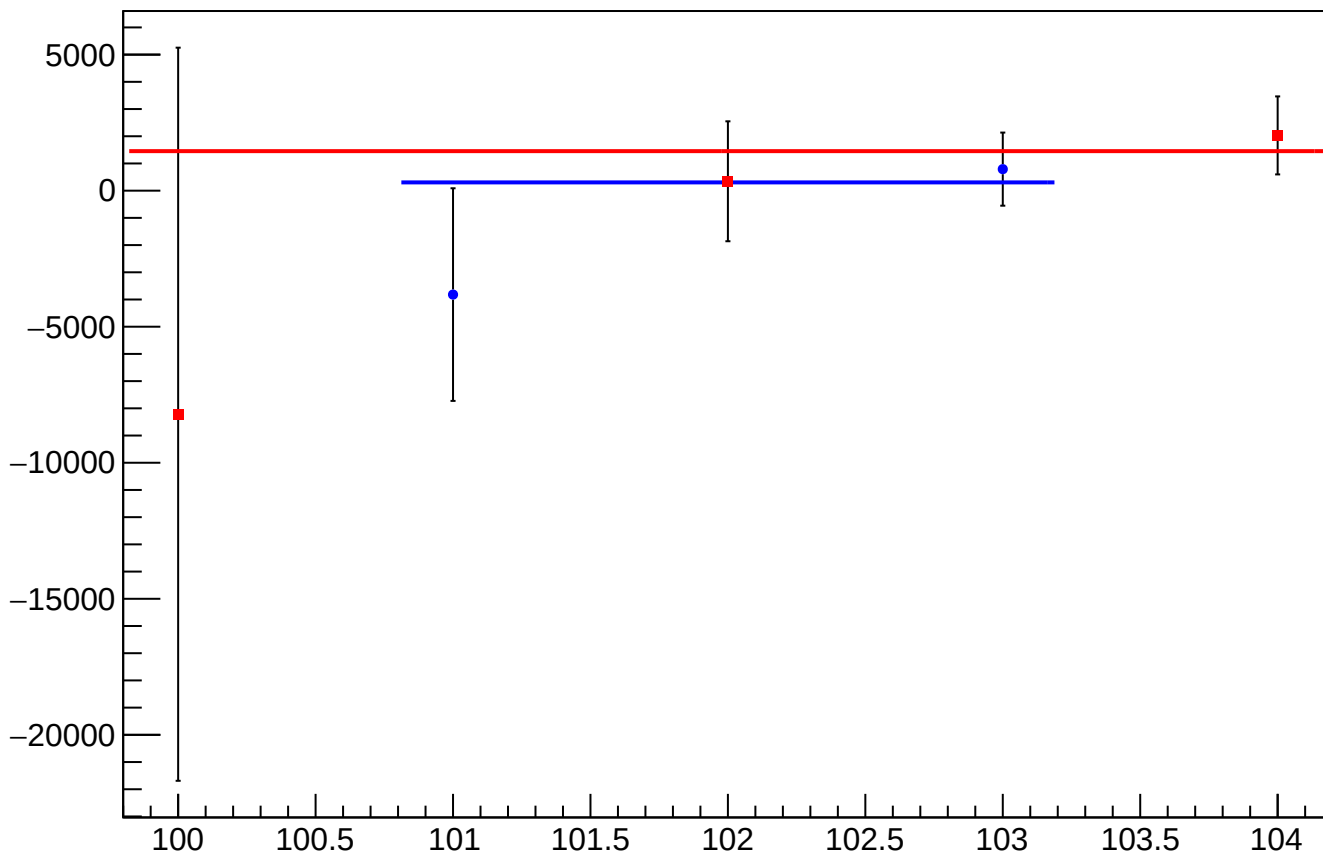
Right: 0.000+/-0.000 χ^2/NDF : 699257.8/4

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 : 699257.8/4

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: 1452.750+/-1196.911 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

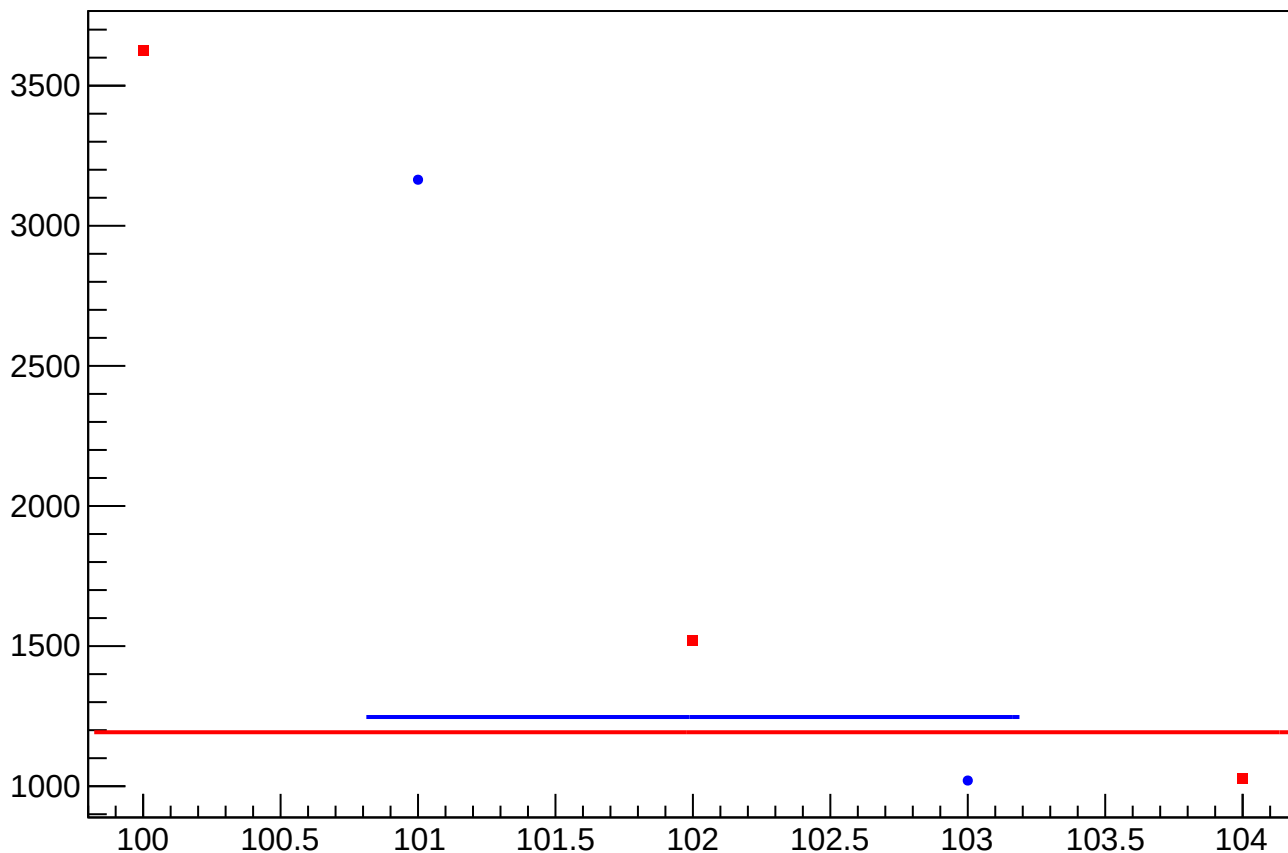
Right: 912.602+/-871.196 χ^2/NDF : 2.6/4

In: 304.000+/-1270.493 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 912.602+/-871.196 χ^2/NDF : 2.6/4

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: 1192.592+/-0.846 χ^2/NDF : 136464.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

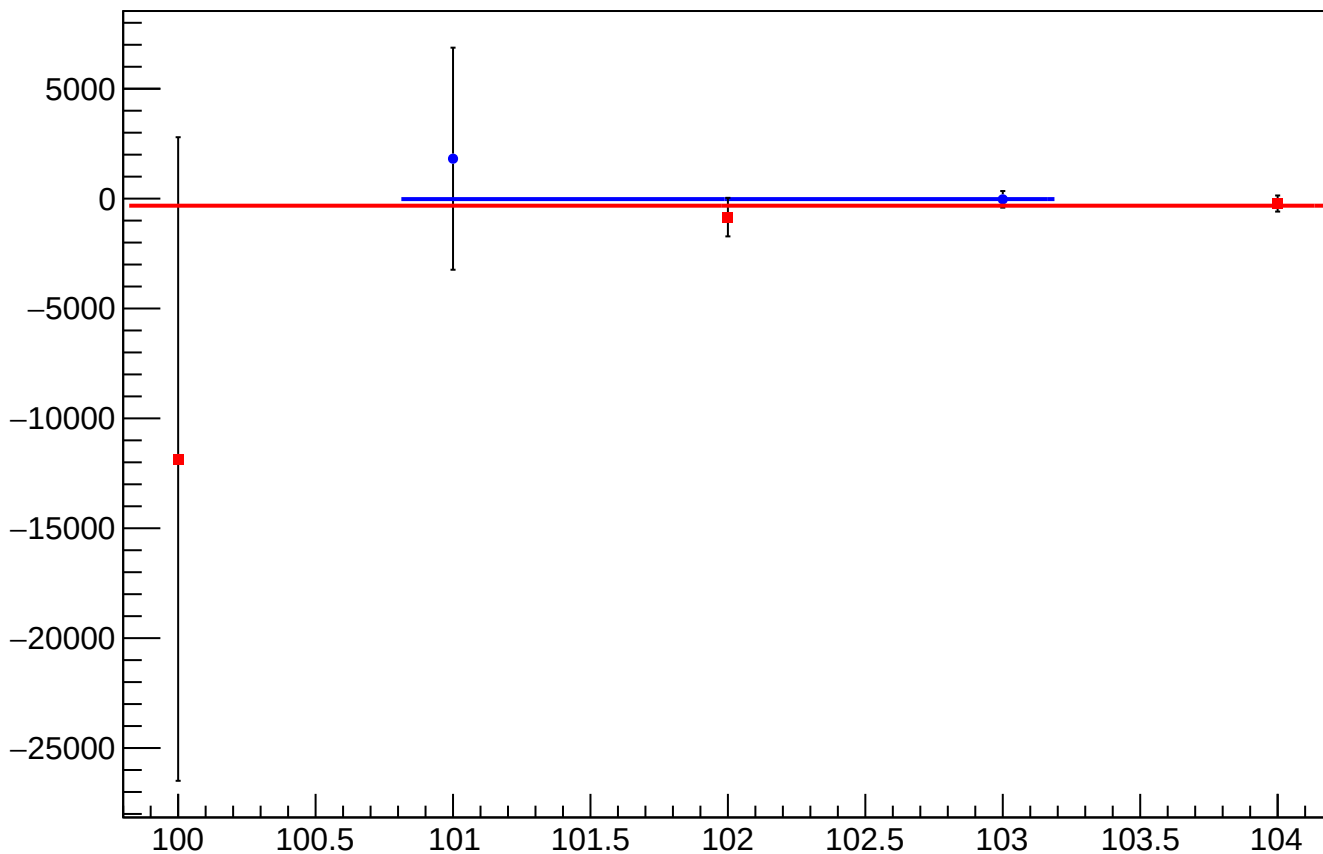
Right: 1218.144+/-0.616 χ^2/NDF : 676948.4/4

In: 1246.935+/-0.898 χ^2/NDF : 538545.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.144+/-0.616 χ^2/NDF : 676948.4/4

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: -321.937+/-337.811 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

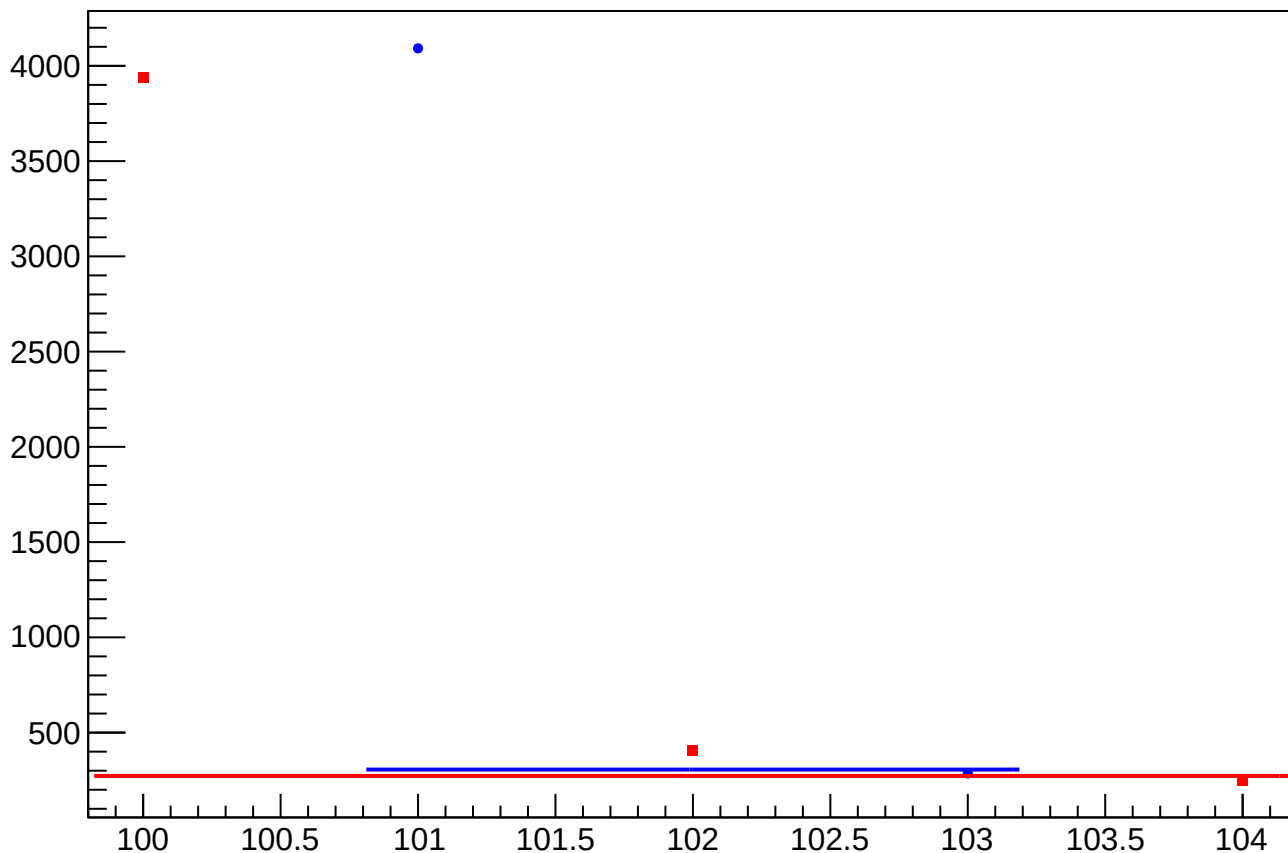
Right: -188.251+/-251.456 χ^2/NDF : 1.5/4

In: -22.137+/-376.561 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.251+/-251.456 χ^2/NDF : 1.5/4

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 306.046+/-0.266 χ^2/NDF : 1129223.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.701+/-0.239 χ^2/NDF : 181125.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

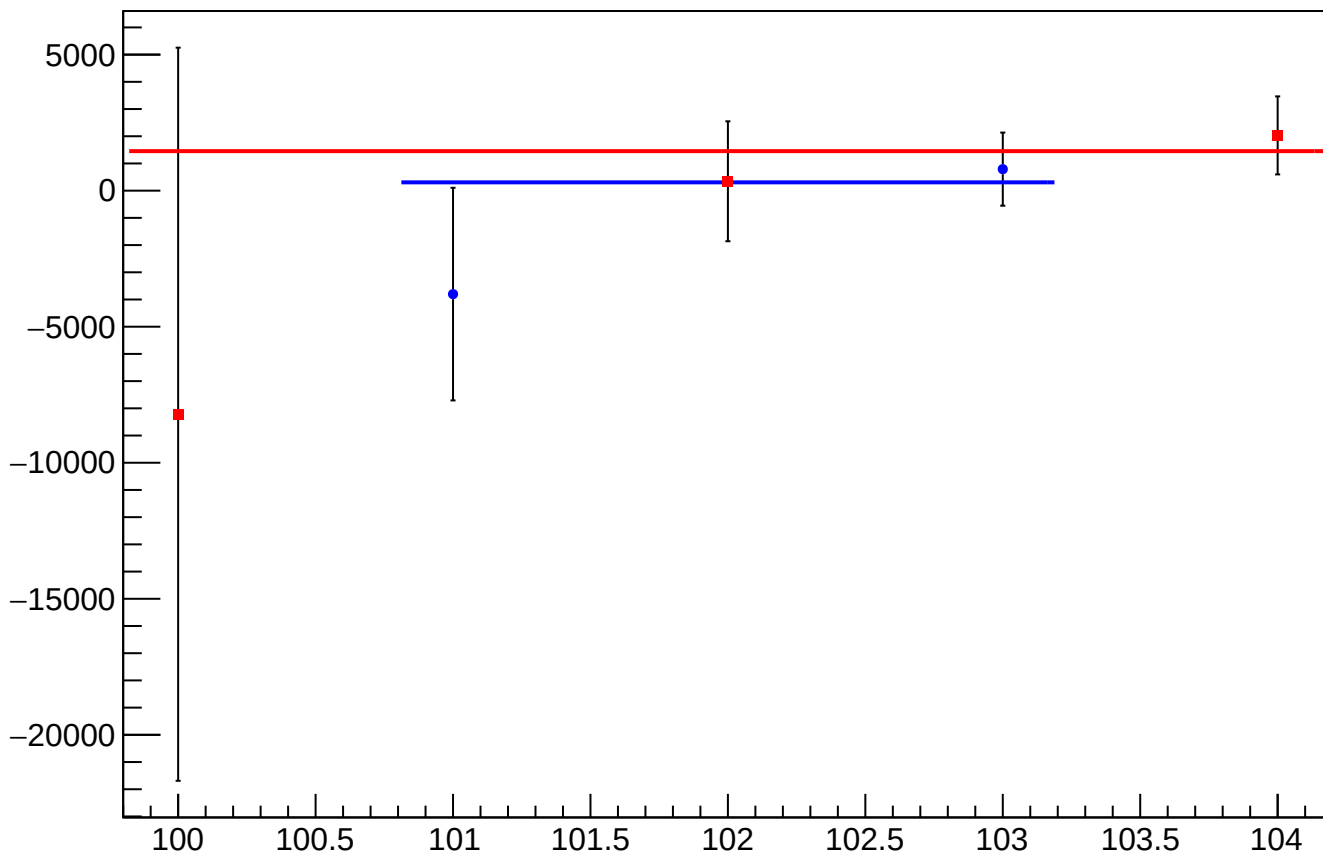
Right: 287.570+/-0.178 χ^2/NDF : 1319038.5/4

In: 306.046+/-0.266 χ^2/NDF : 1129223.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 287.570+/-0.178 χ^2/NDF : 1319038.5/4

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: 1453.014+/-1196.911 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

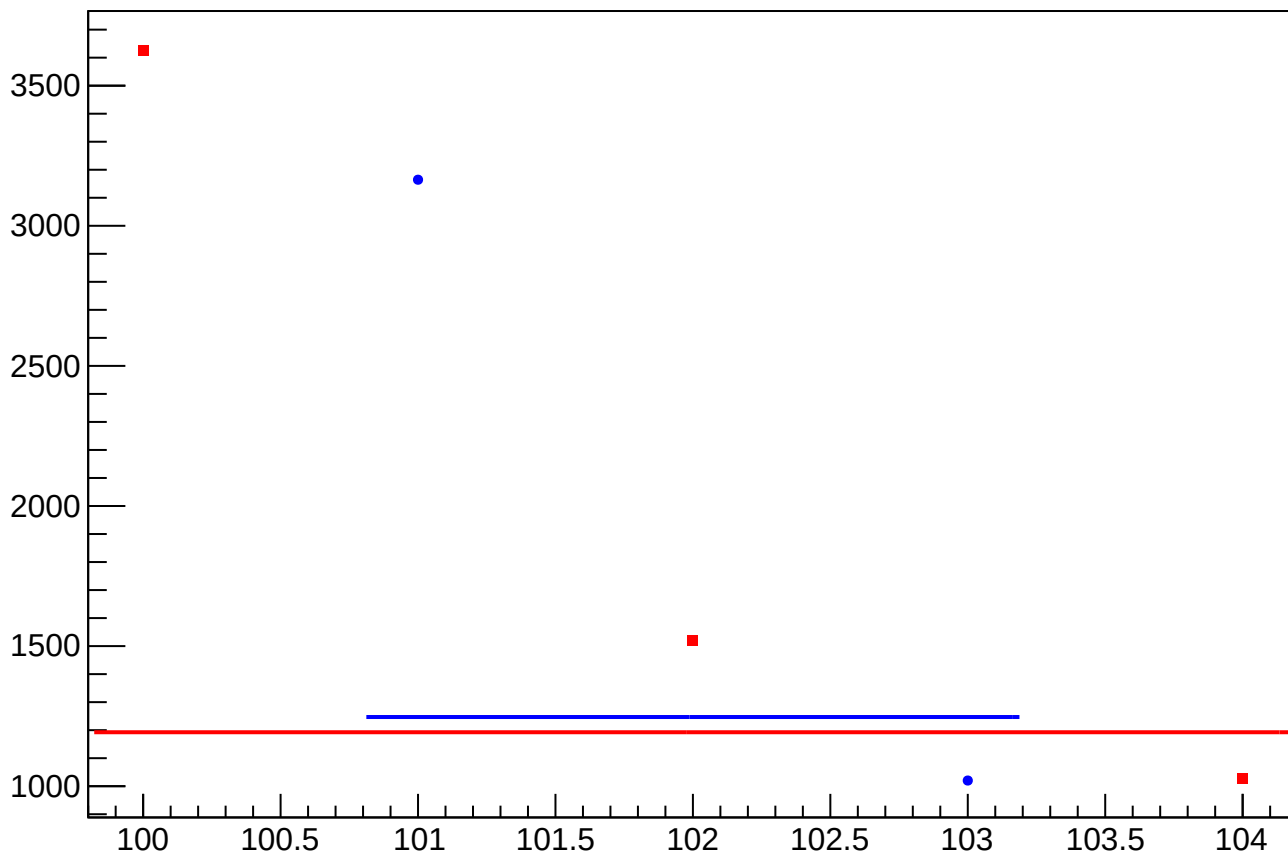
Right: 913.519+/-871.197 χ^2/NDF : 2.6/4

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.519+/-871.197 χ^2/NDF : 2.6/4

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: 1192.592+/-0.846 χ^2/NDF : 136463.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

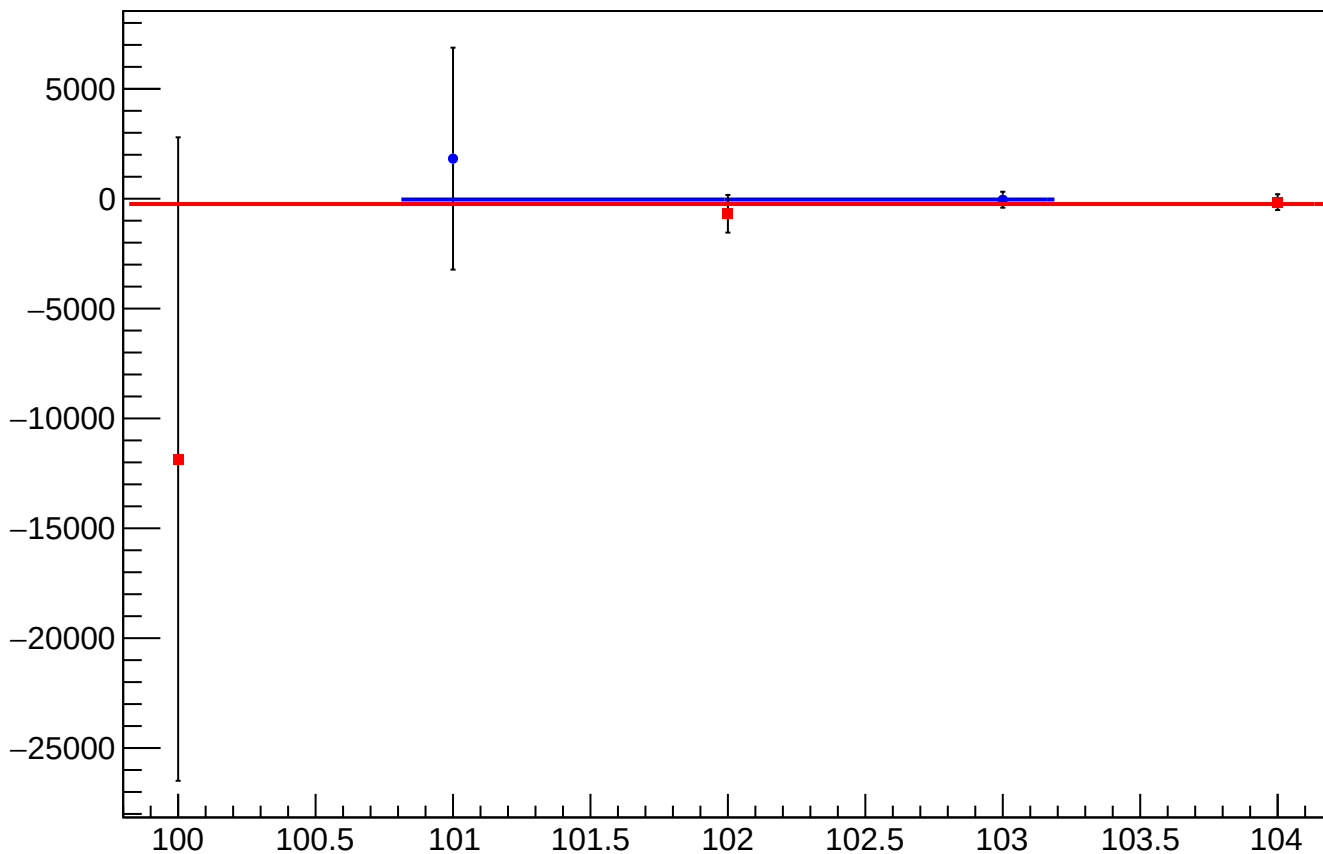
Right: 1218.143+/-0.616 χ^2/NDF : 676949.3/4

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.143+/-0.616 χ^2/NDF : 676949.3/4

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: -240.919+/-332.246 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

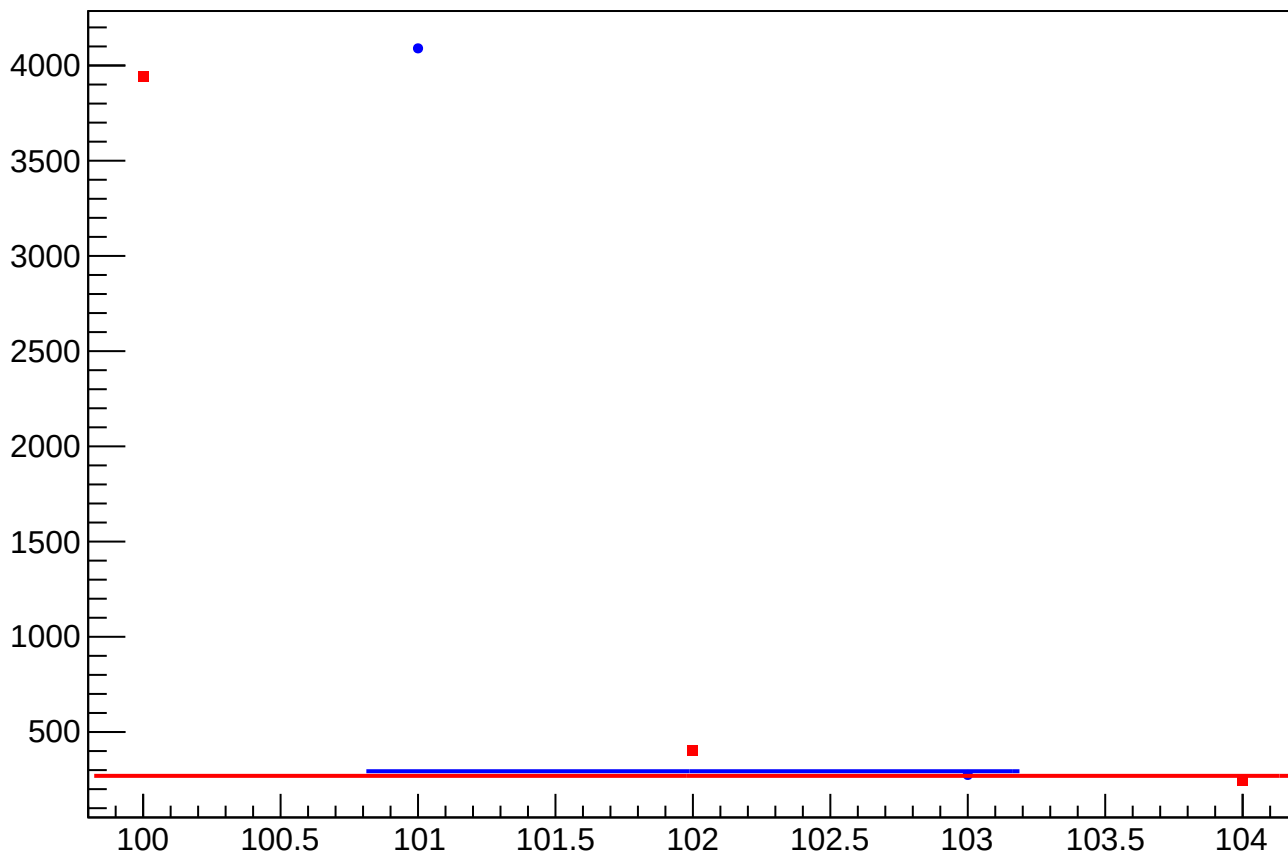
Right: -146.886+/-244.570 χ^2/NDF : 1.3/4

In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.886+/-244.570 χ^2/NDF : 1.3/4

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: 269.789+/-0.235 χ^2/NDF : 183955.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

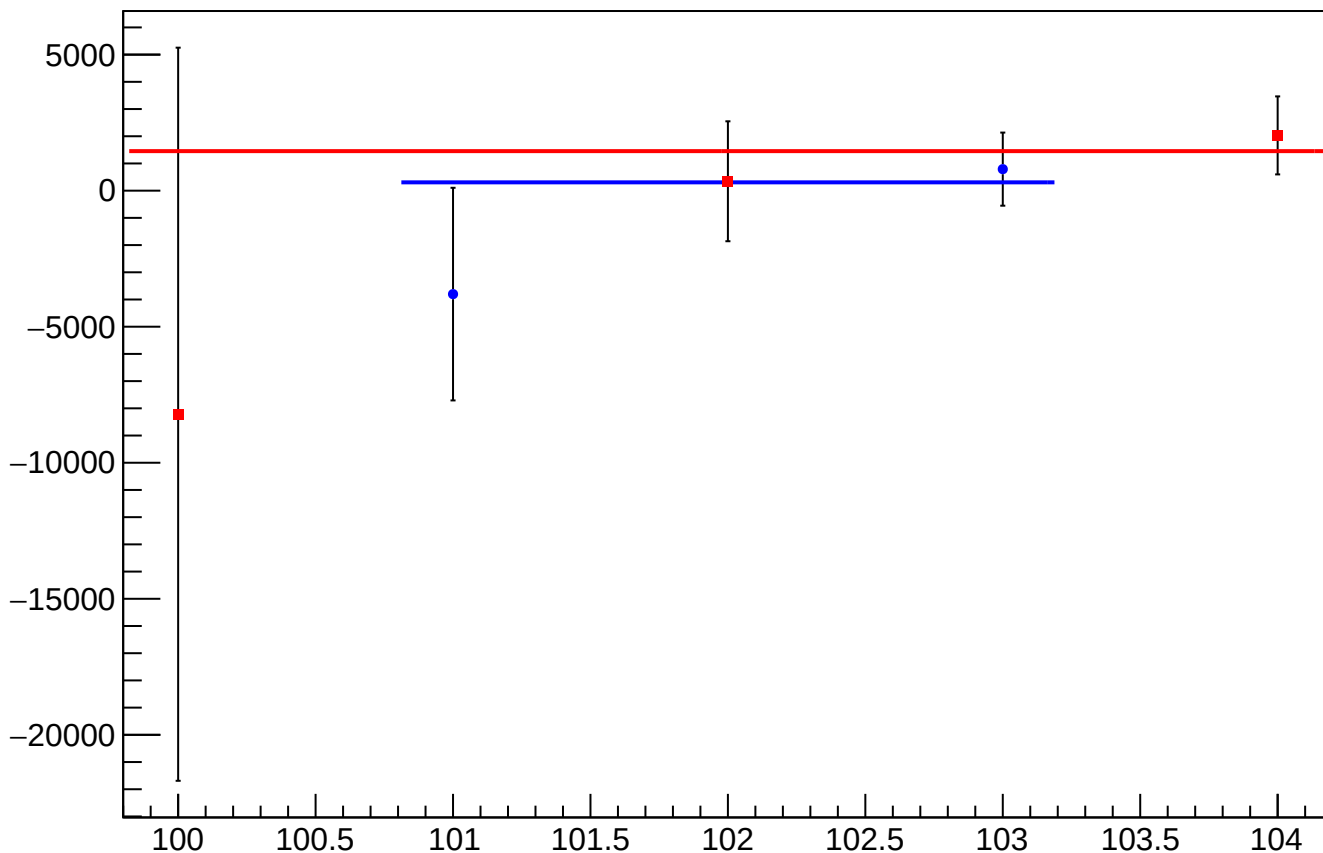
Right: 280.922+/-0.173 χ^2/NDF : 1324618.9/4

In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.922+/-0.173 χ^2/NDF : 1324618.9/4

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: 1453.014+/-1196.911 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

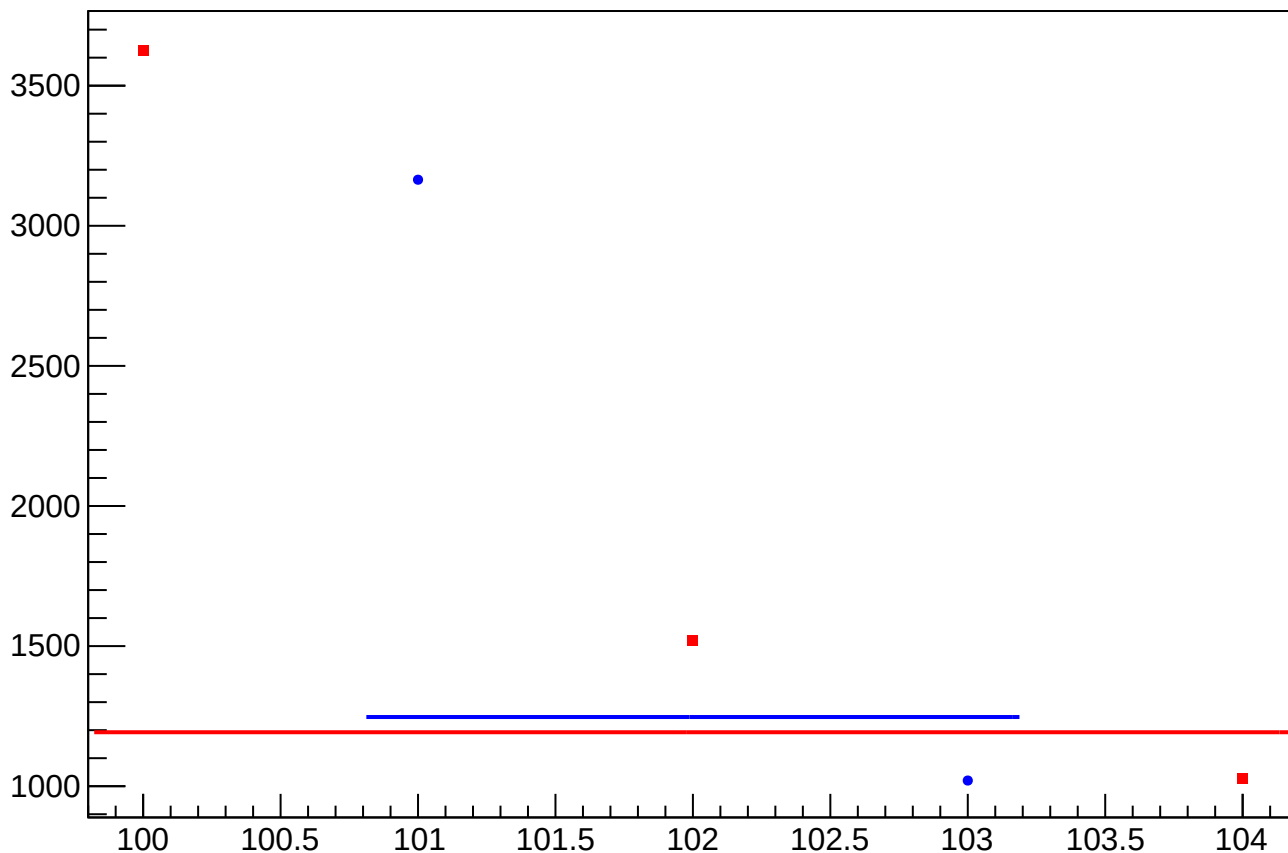
Right: 913.519+/-871.197 χ^2/NDF : 2.6/4

In: 305.650+/-1270.495 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.519+/-871.197 χ^2/NDF : 2.6/4

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: 1192.592+/-0.846 χ^2/NDF : 136463.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

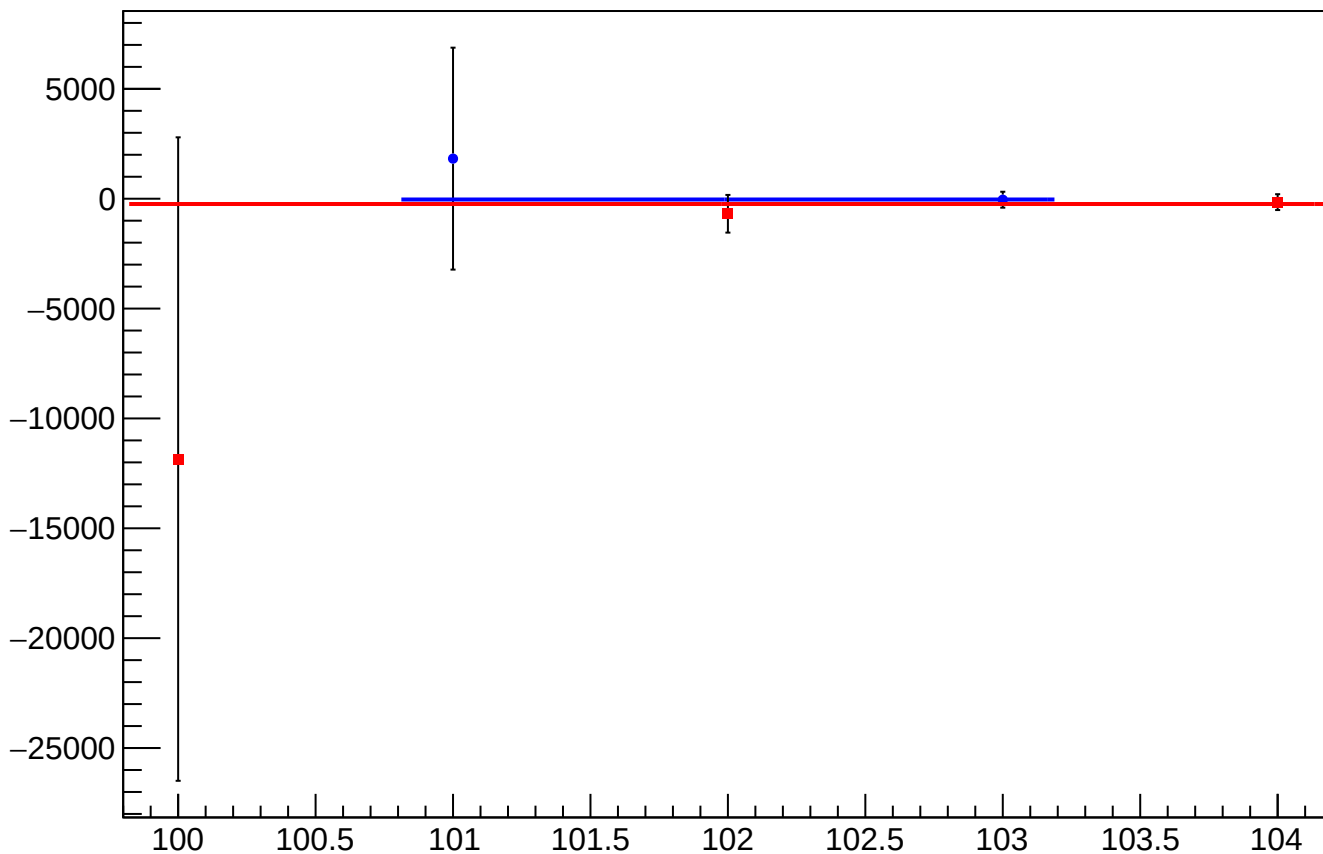
Right: 1218.143+/-0.616 χ^2/NDF : 676949.3/4

In: 1246.933+/-0.898 χ^2/NDF : 538547.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.143+/-0.616 χ^2/NDF : 676949.3/4

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: -240.919+/-332.246 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

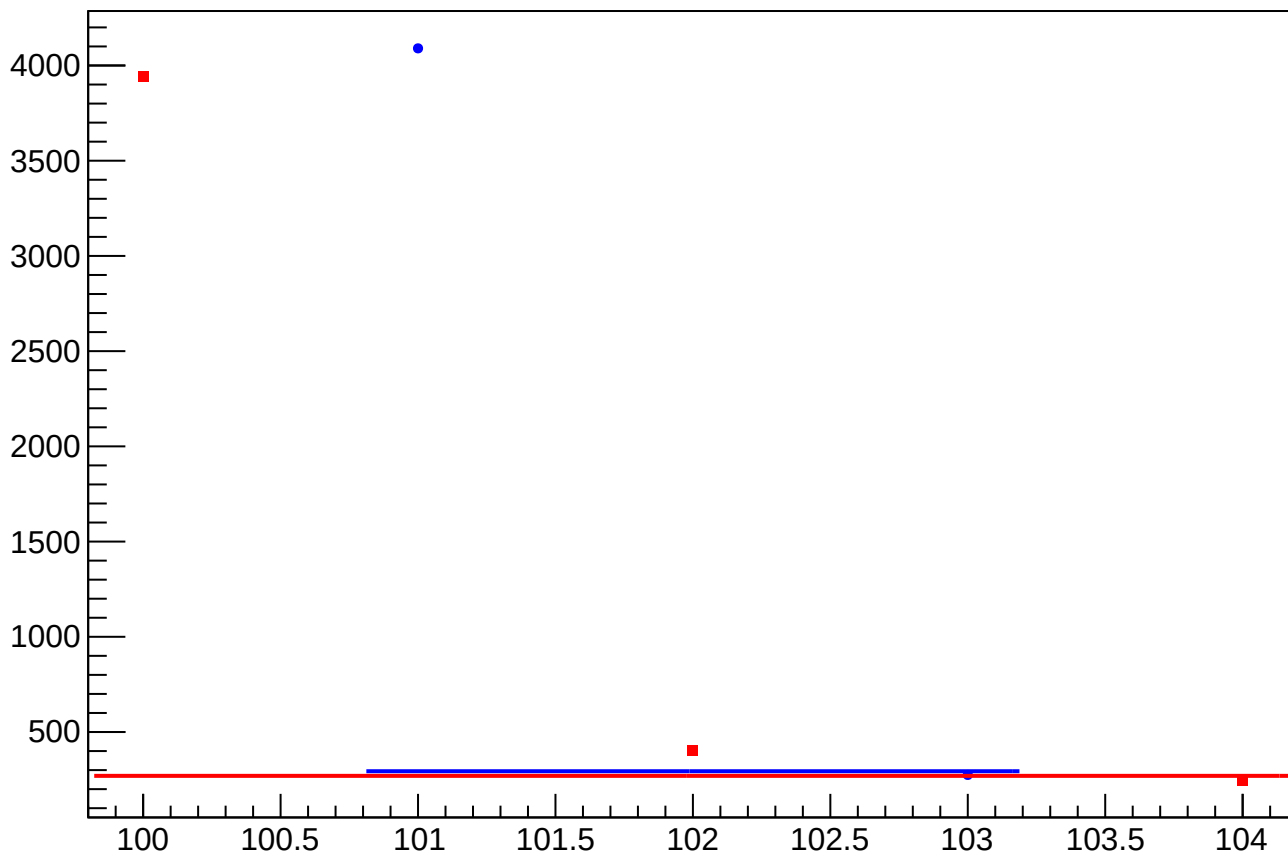
Right: -146.886+/-244.570 χ^2/NDF : 1.3/4

In: -35.669+/-361.331 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.886+/-244.570 χ^2/NDF : 1.3/4

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: 269.789+/-0.235 χ^2/NDF : 183955.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

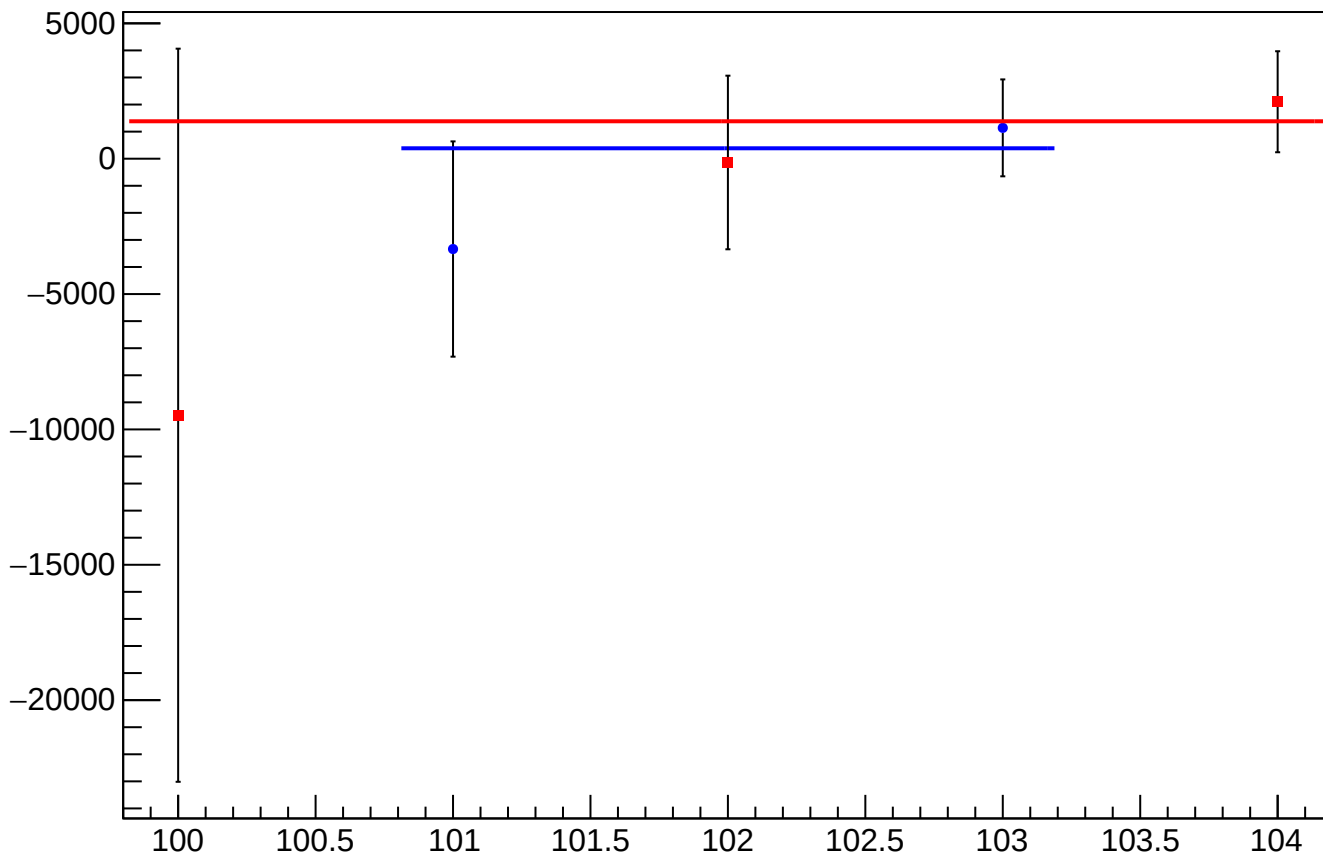
Right: 280.922+/-0.173 χ^2/NDF : 1324618.9/4

In: 294.090+/-0.255 χ^2/NDF : 1135761.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.922+/-0.173 χ^2/NDF : 1324618.9/4

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: 1382.251+/-1601.269 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

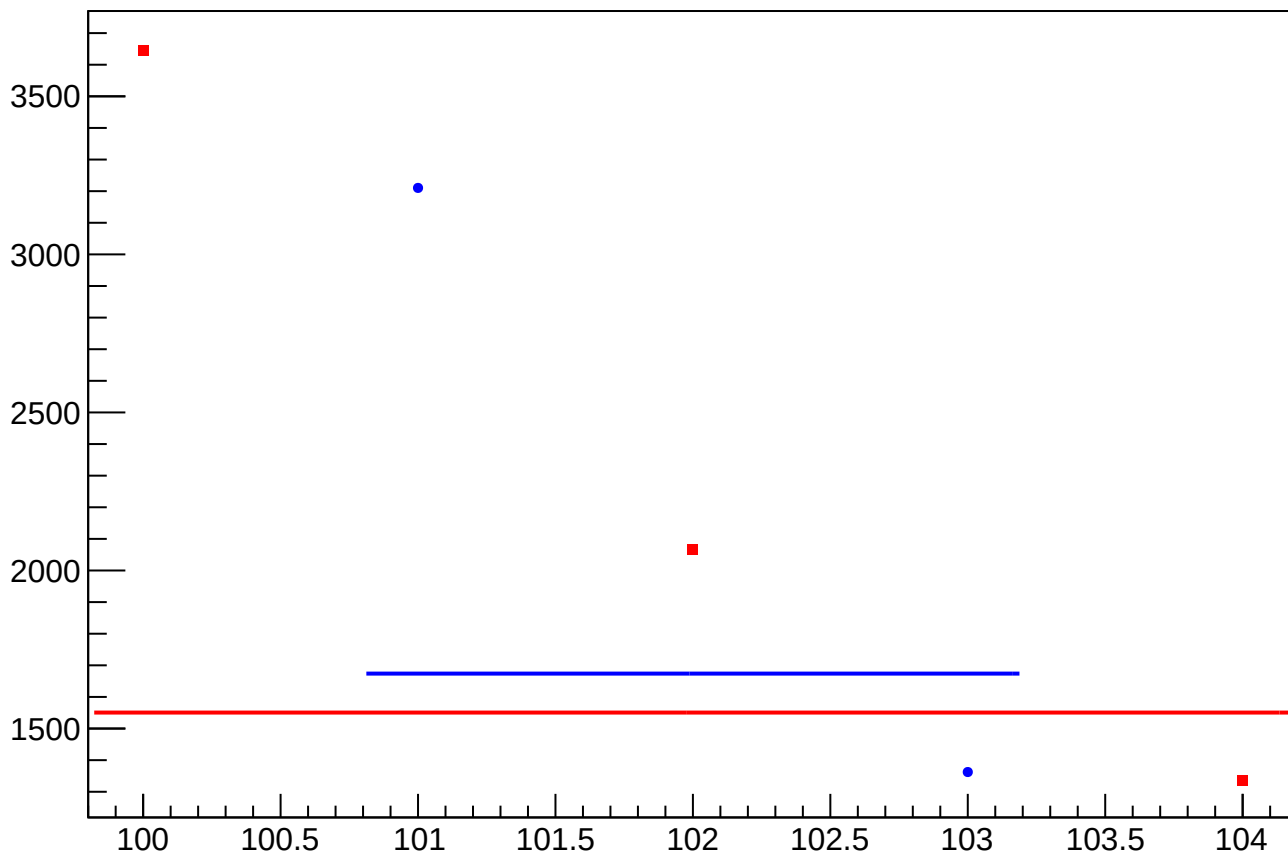
Right: 892.998+/-1143.013 χ^2 /NDF: 2.3/4

In: 384.722+/-1632.101 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 892.998+/-1143.013 χ^2 /NDF: 2.3/4

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: 1550.563+/-1.132 χ^2/NDF : 126106.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

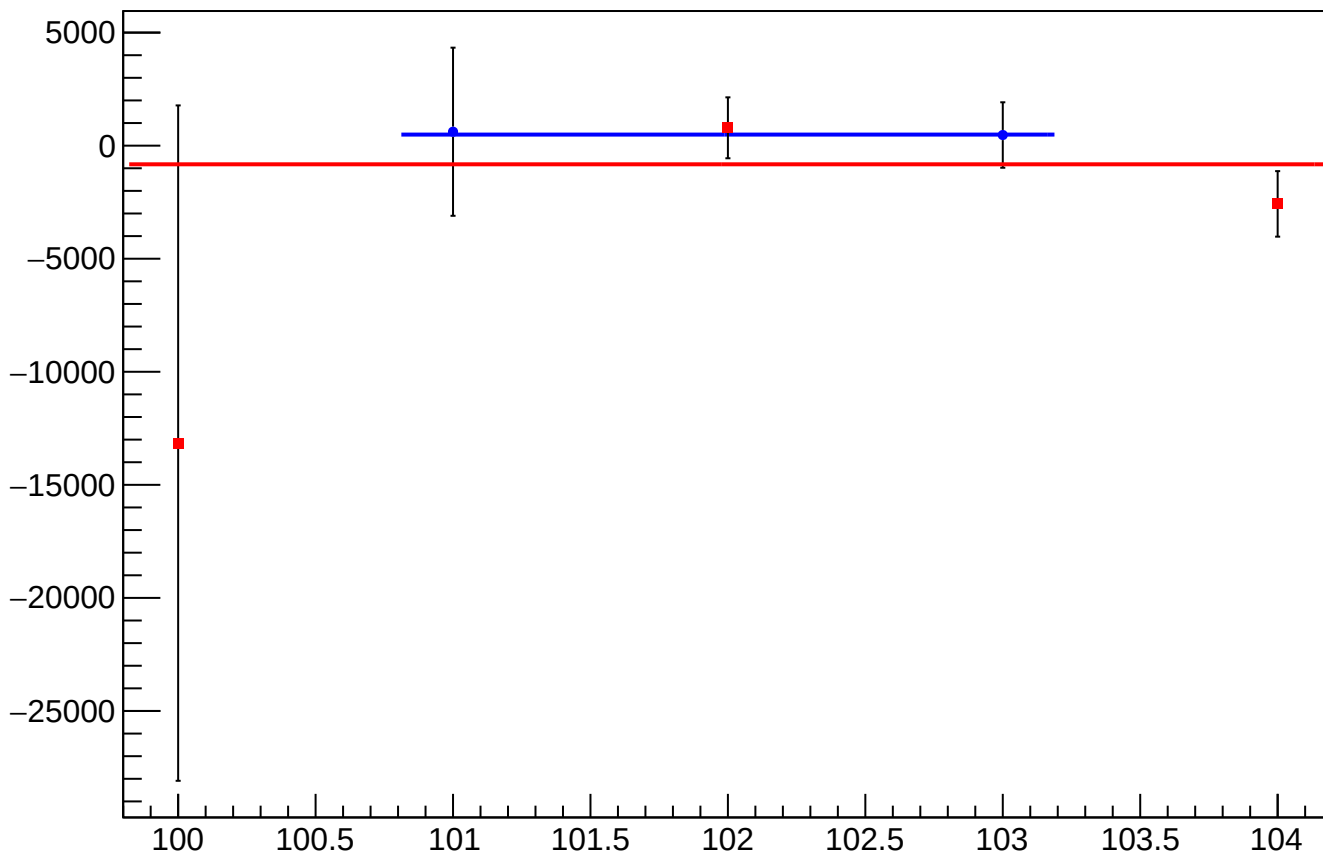
Right: 1611.015+/-0.808 χ^2/NDF : 491152.6/4

In: 1673.821+/-1.154 χ^2/NDF : 359233.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.015+/-0.808 χ^2/NDF : 491152.6/4

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: -824.488+/-984.474 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

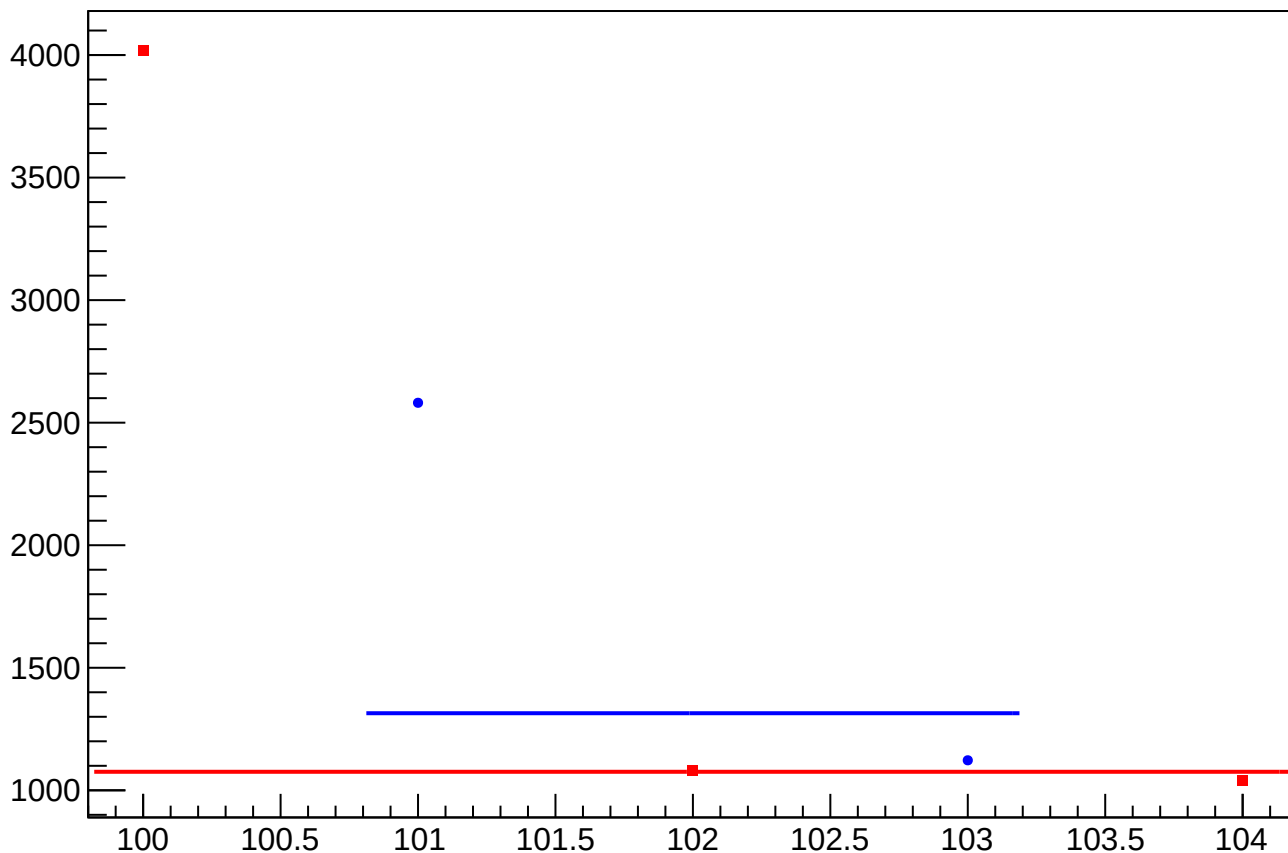
Right: -367.797+/-795.211 χ^2/NDF : 4.2/4

In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.797+/-795.211 χ^2/NDF : 4.2/4

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: 1075.617+/-0.696 χ^2/NDF : 78990.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

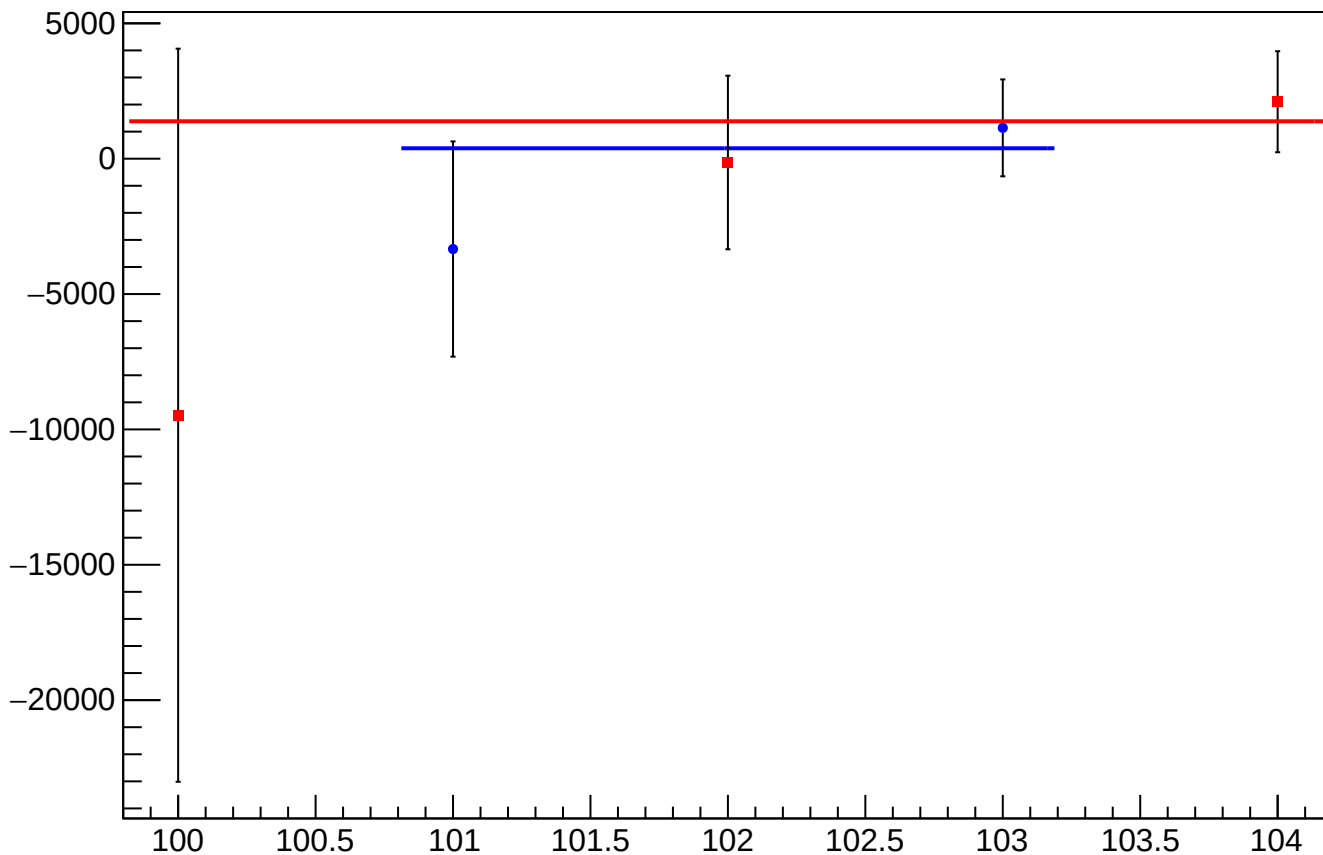
Right: 1158.647+/-0.562 χ^2/NDF : 387307.5/4

In: 1314.525+/-0.954 χ^2/NDF :267383.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1158.647+/-0.562 χ^2/NDF : 387307.5/4

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: 1382.250+/-1601.268 χ^2 /NDF: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

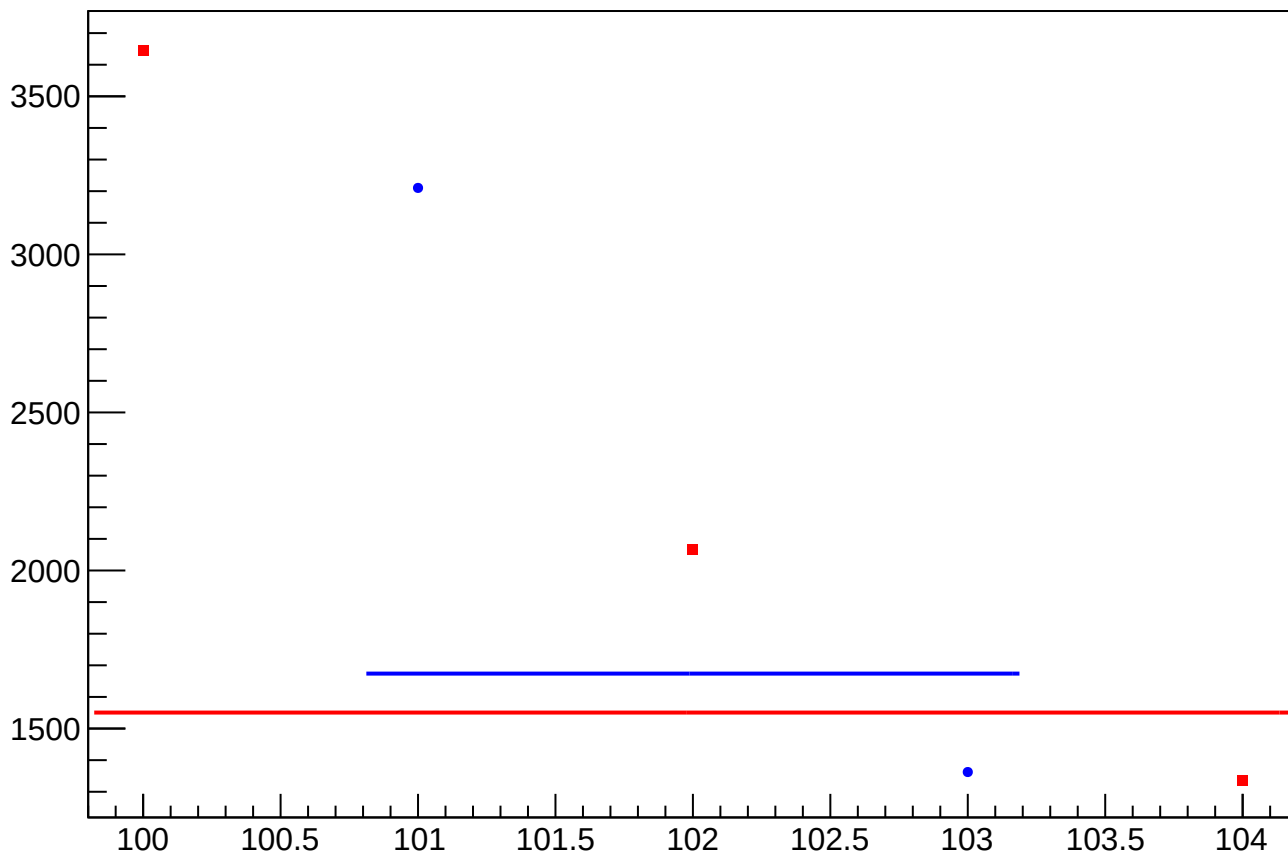
Right: 892.999+/-1143.013 χ^2 /NDF: 2.3/4

In: 384.725+/-1632.101 χ^2 /NDF:1.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 892.999+/-1143.013 χ^2 /NDF: 2.3/4

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: 1550.562+/-1.132 χ^2/NDF : 126106.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

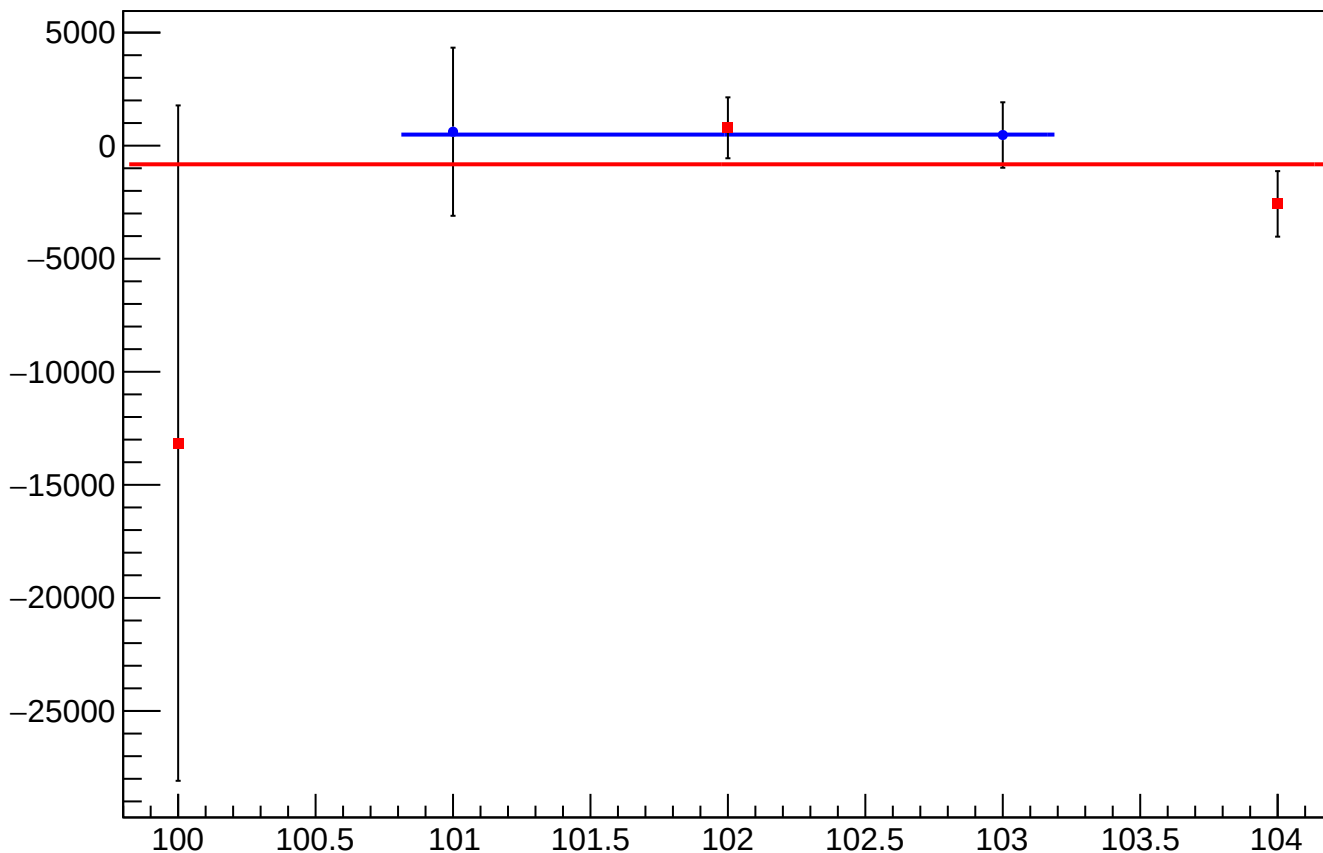
Right: 1611.015+/-0.808 χ^2/NDF : 491152.8/4

In: 1673.820+/-1.154 χ^2/NDF : 359234.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.015+/-0.808 χ^2/NDF : 491152.8/4

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: -824.487+/-984.473 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

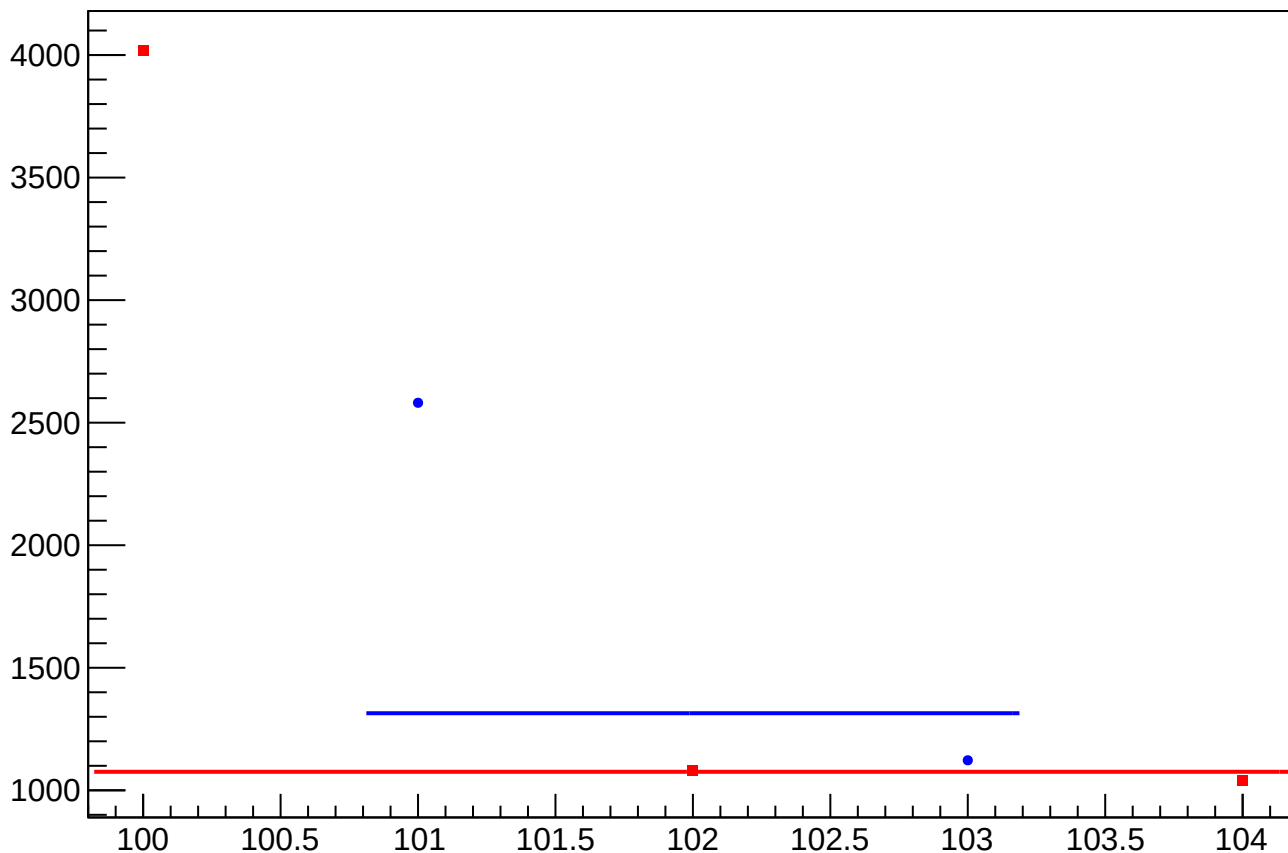
Right: -367.796+/-795.210 χ^2/NDF : 4.2/4

In: 489.591+/-1348.905 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.796+/-795.210 χ^2/NDF : 4.2/4

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1314.525 ± 0.954 $\chi^2/\text{NDF}: 267383.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1075.617 ± 0.696 $\chi^2/\text{NDF}: 78990.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

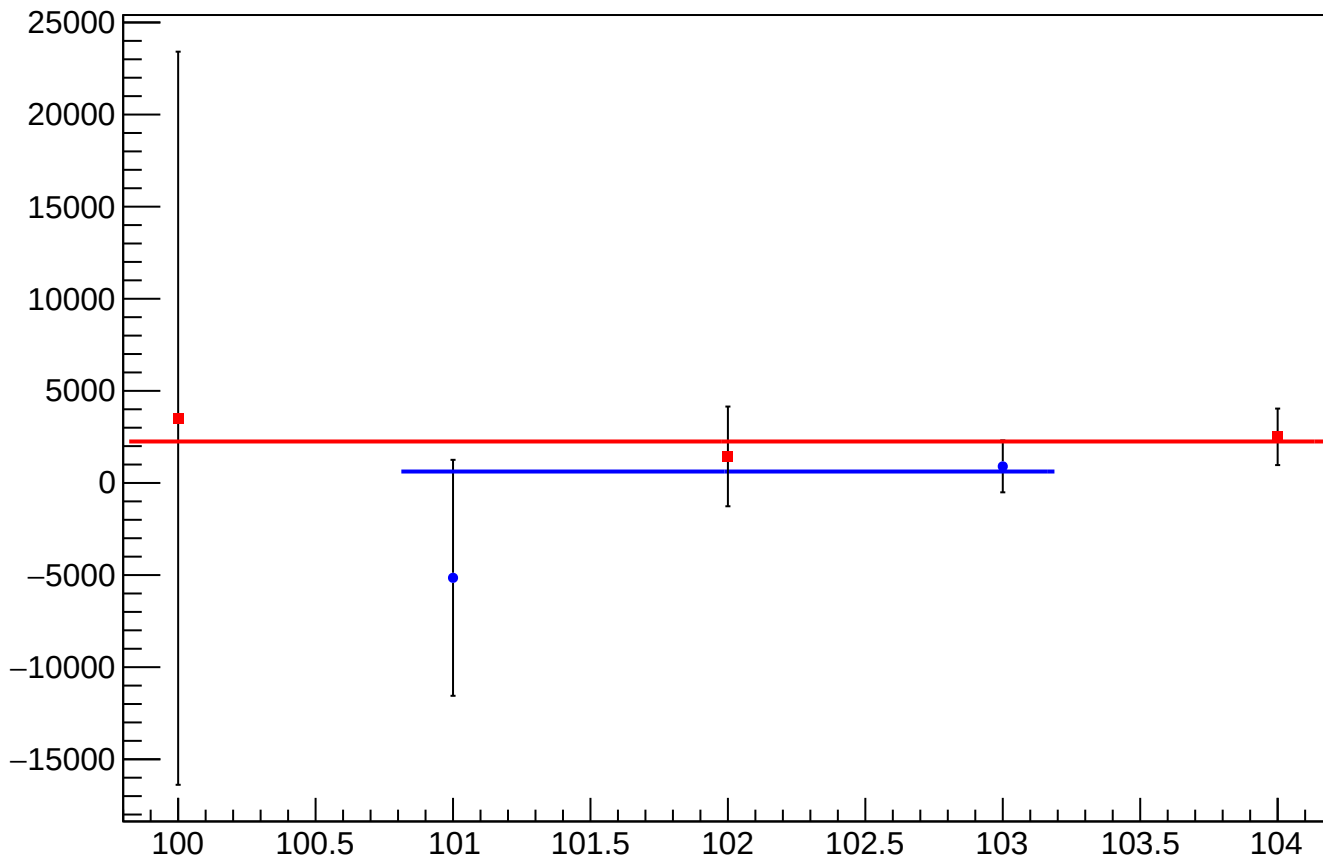
Right: 1158.646 ± 0.562 $\chi^2/\text{NDF}: 387307.5/4$

In: 1314.525 ± 0.954 $\chi^2/\text{NDF}: 267383.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1158.646 ± 0.562 $\chi^2/\text{NDF}: 387307.5/4$

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: 2251.991+/-1331.227 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

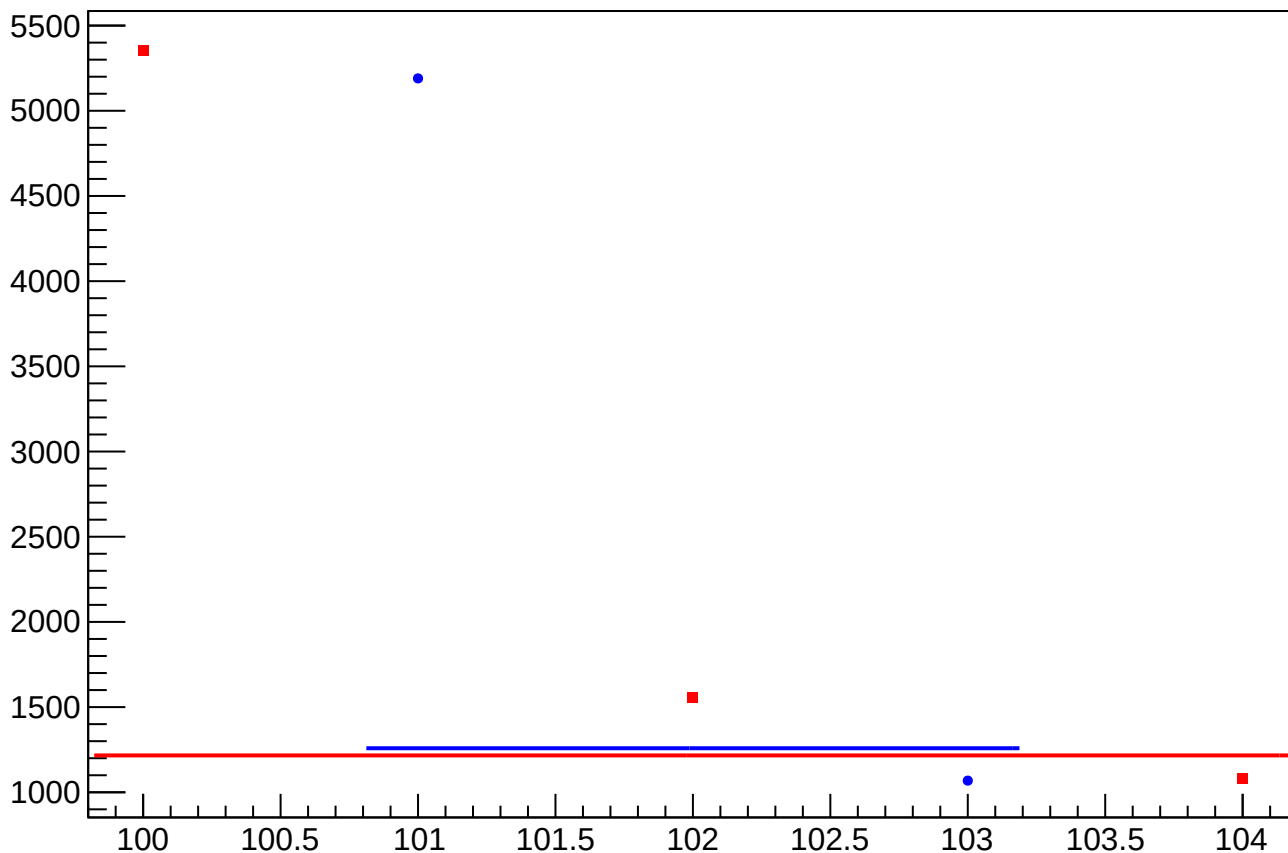
Right: 1463.527+/-956.666 χ^2/NDF : 1.7/4

In: 621.463+/-1375.731 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1463.527+/-956.666 χ^2/NDF : 1.7/4

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: 1216.435+/-0.941 χ^2/NDF : 133828.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

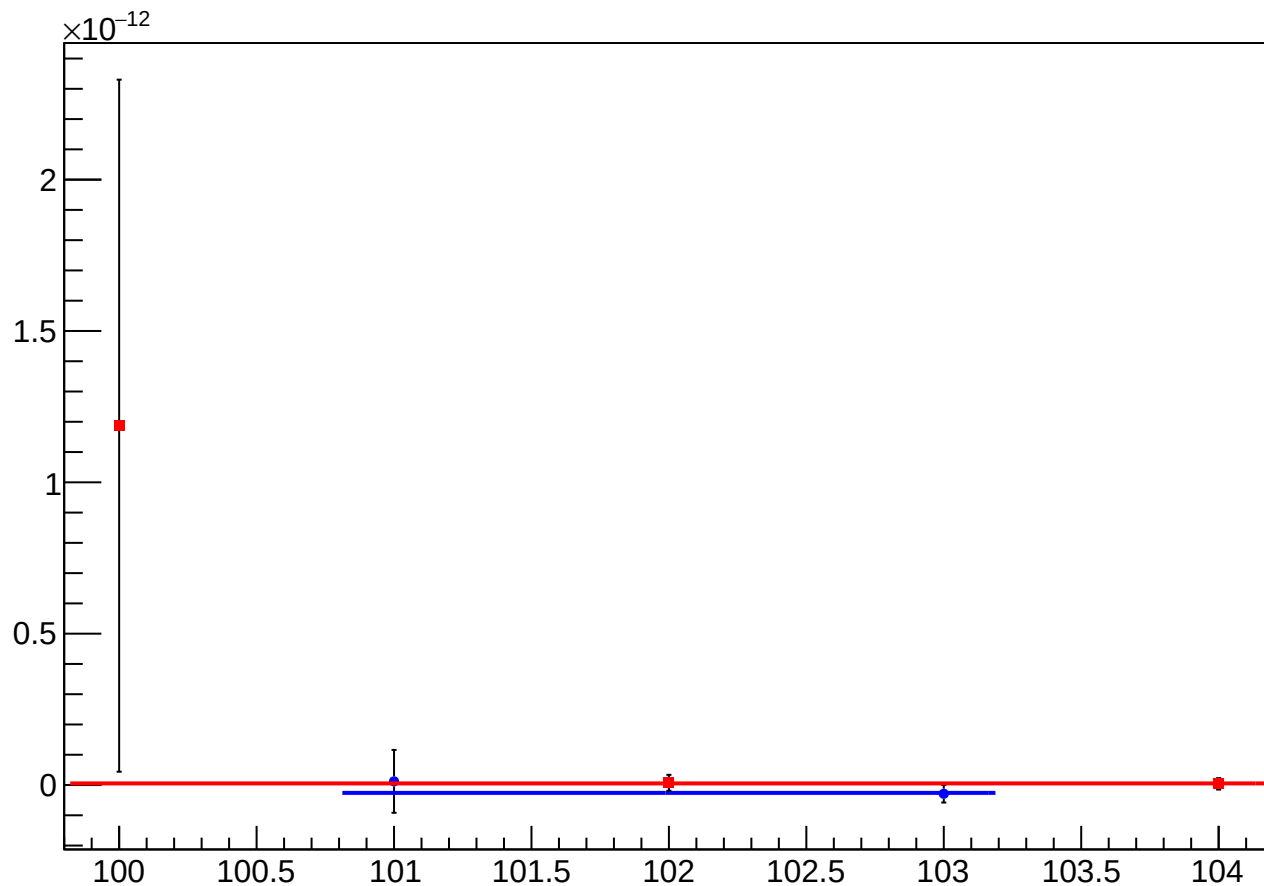
Right: 1236.831+/-0.676 χ^2/NDF : 924791.6/4

In: 1258.615+/-0.973 χ^2/NDF : 789992.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1236.831+/-0.676 χ^2/NDF : 924791.6/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

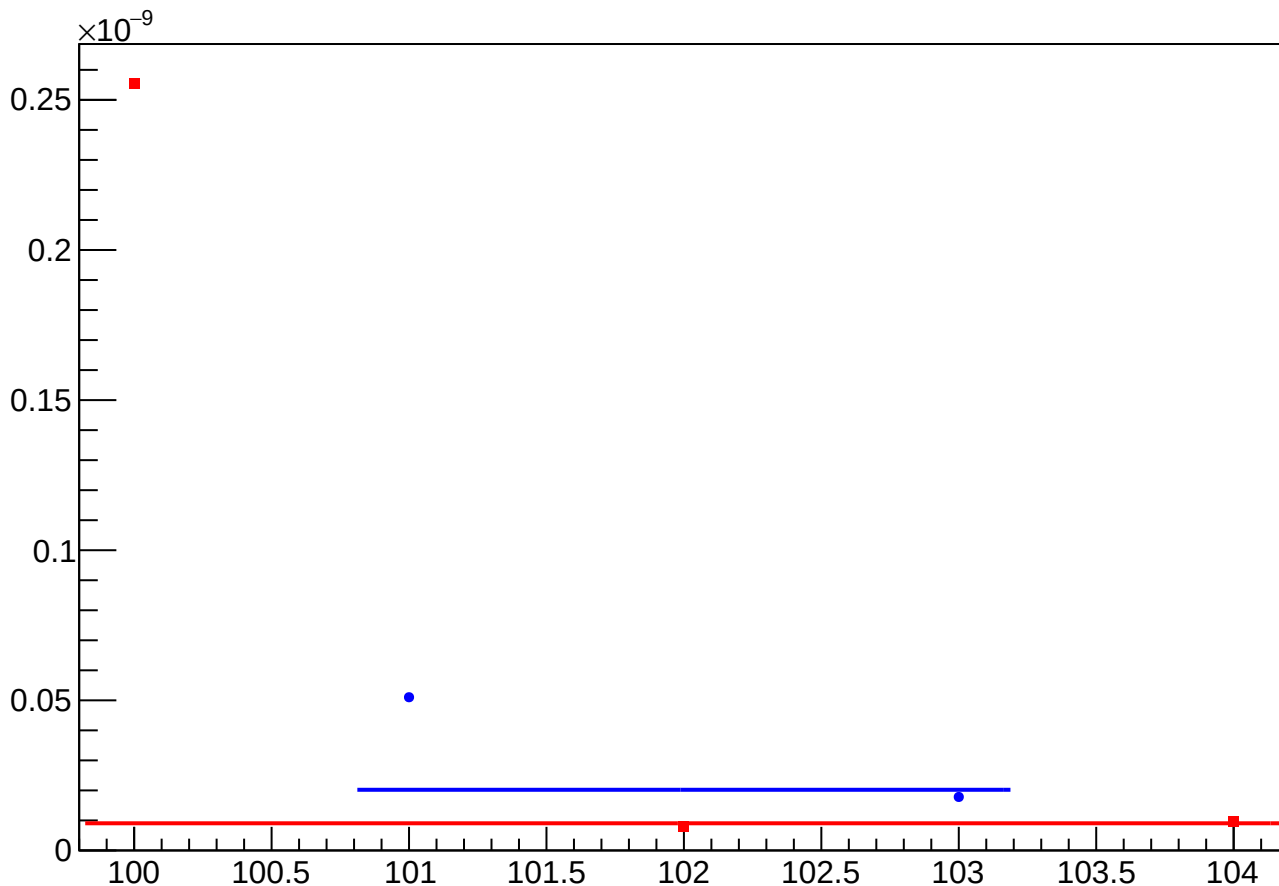
Right: -0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 2.2/4

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 : 96847.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

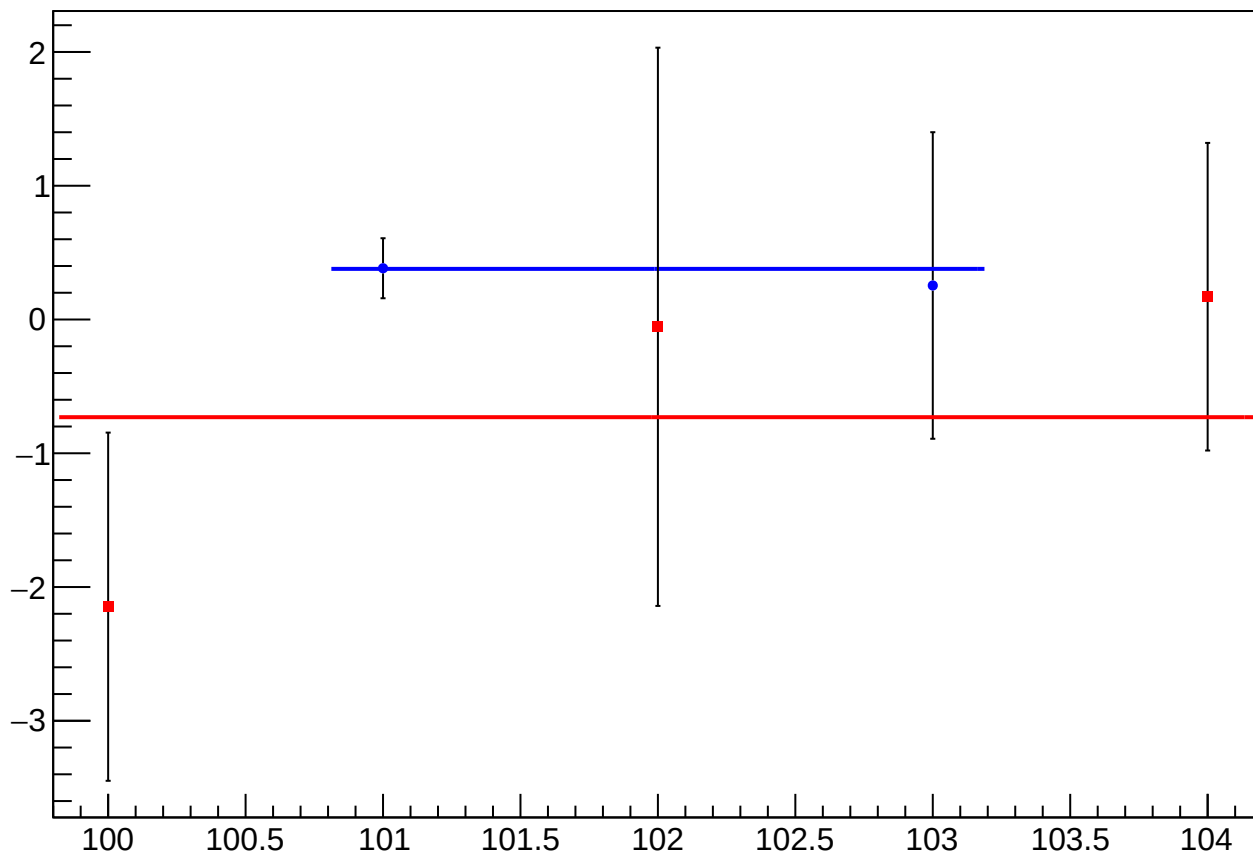
Right: 0.000+/-0.000 χ^2/NDF : 533010.2/4

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 : 533010.2/4

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: -0.730+/-0.796 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

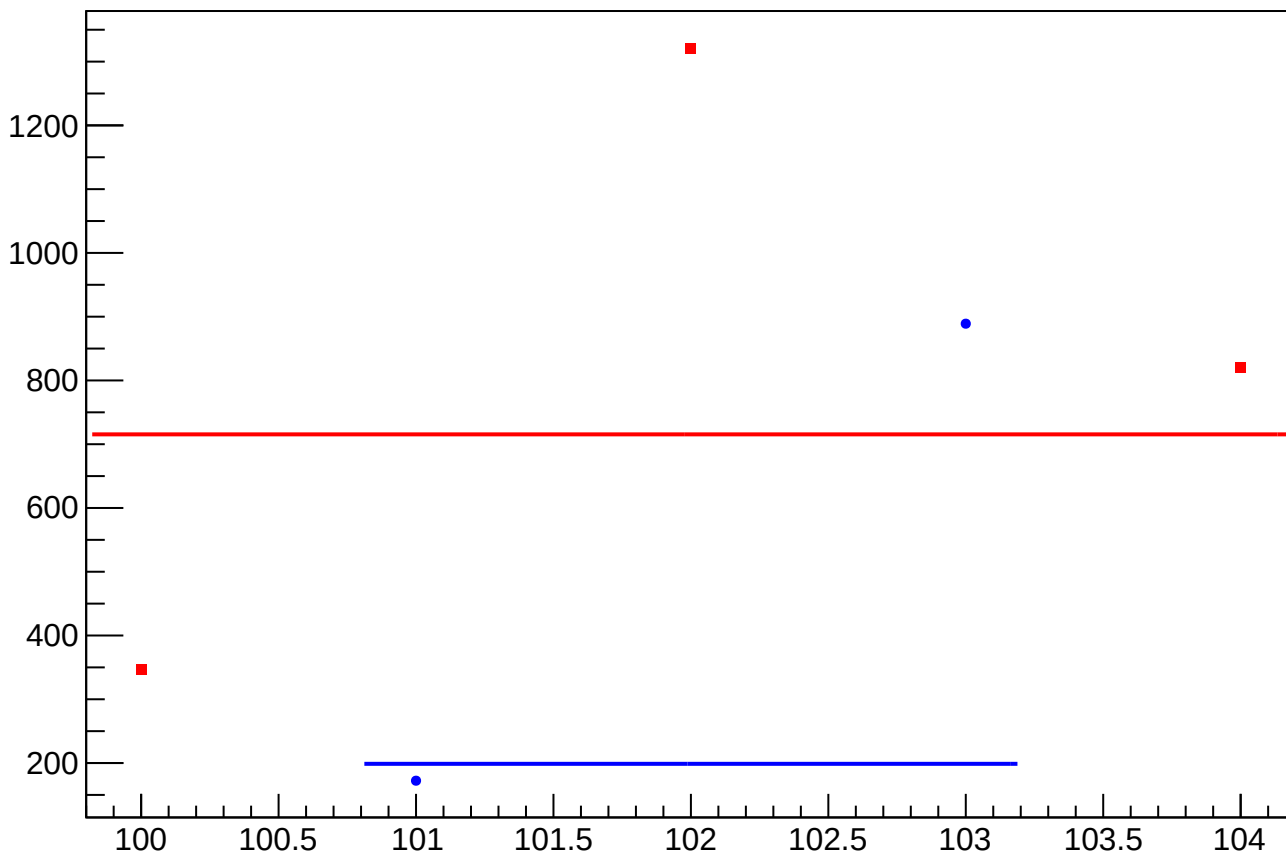
Right: 0.300+/-0.212 χ^2/NDF : 3.7/4

In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.300+/-0.212 χ^2/NDF : 3.7/4

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: 715.439+/-0.563 χ^2/NDF : 345582.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

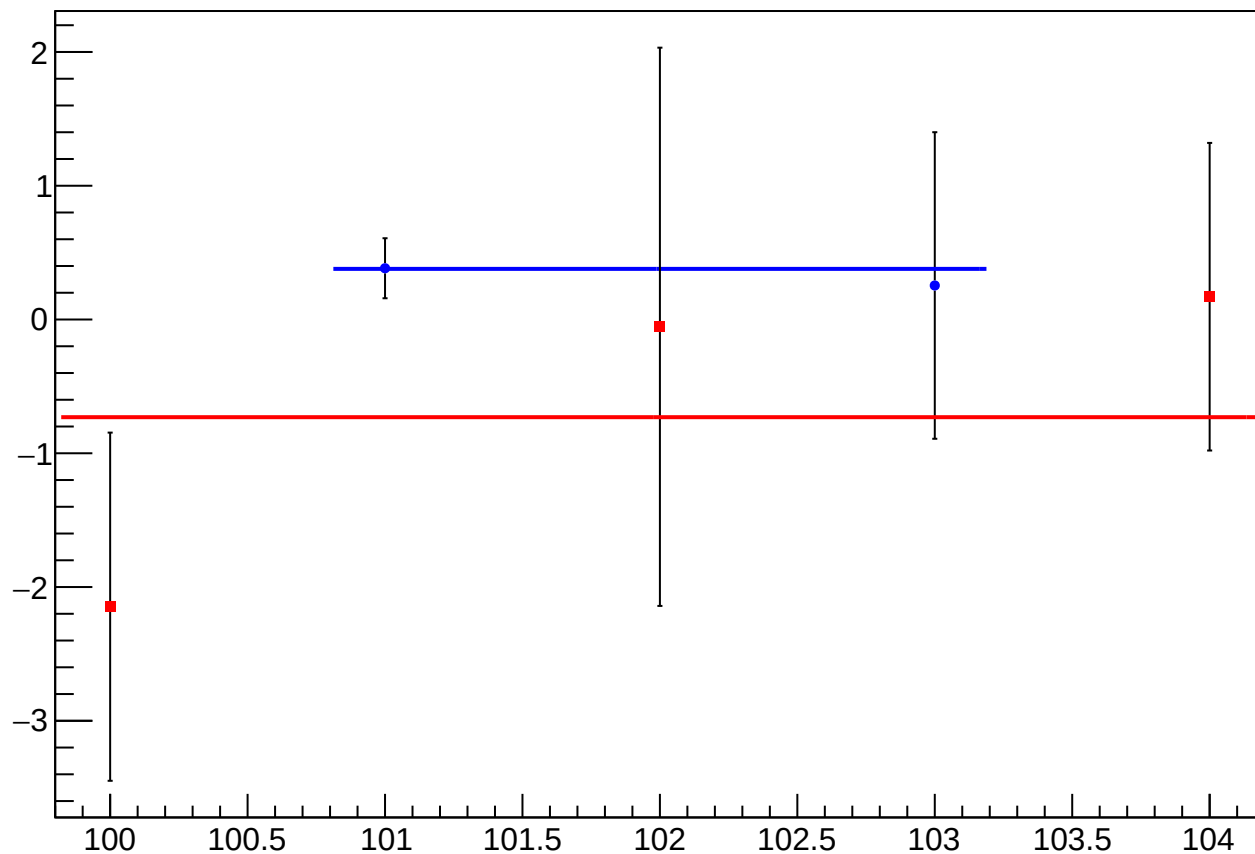
Right: 235.441+/-0.150 χ^2/NDF : 1880918.9/4

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.441+/-0.150 χ^2/NDF : 1880918.9/4

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.730+/-0.796 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

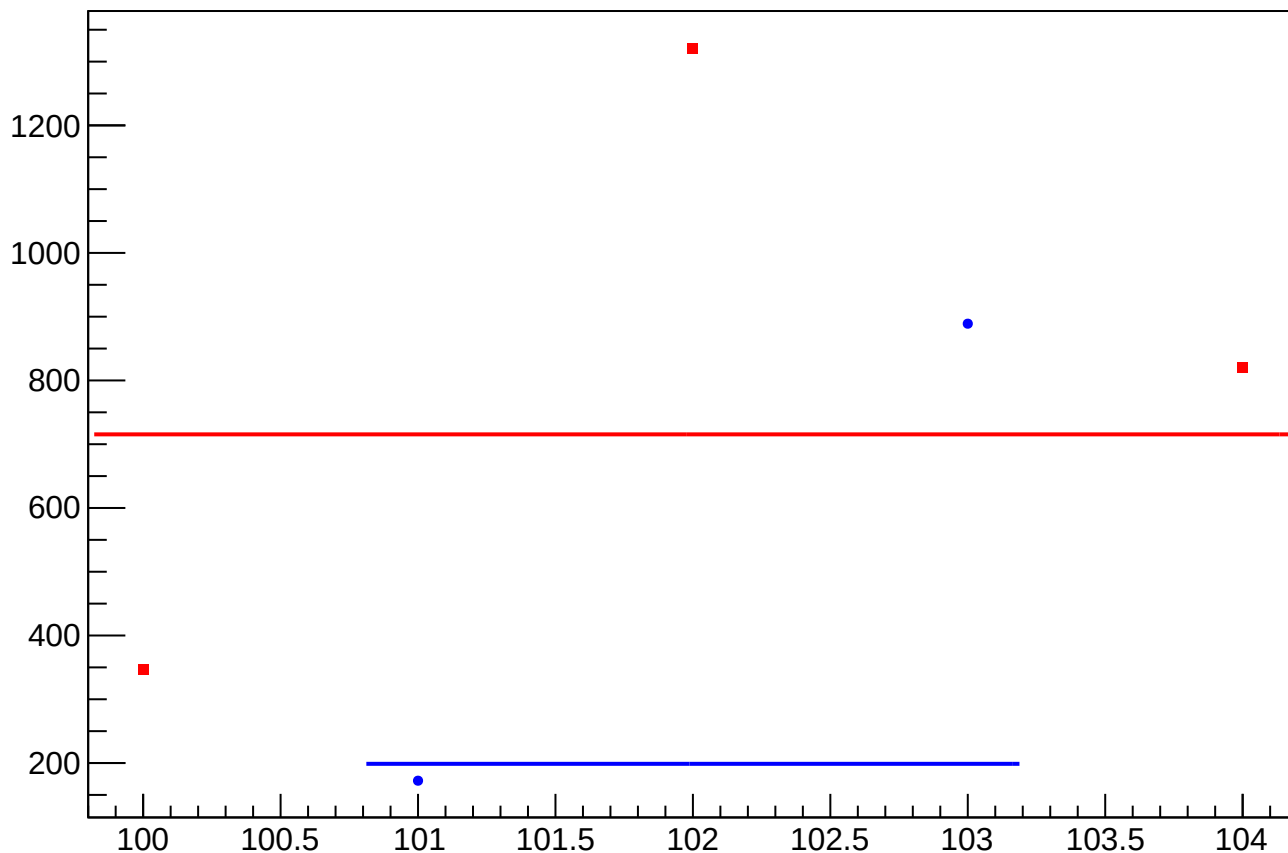
Right: 0.300+/-0.212 χ^2/NDF : 3.7/4

In: 0.378+/-0.220 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.300+/-0.212 χ^2/NDF : 3.7/4

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: 715.439+/-0.563 χ^2/NDF : 345582.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

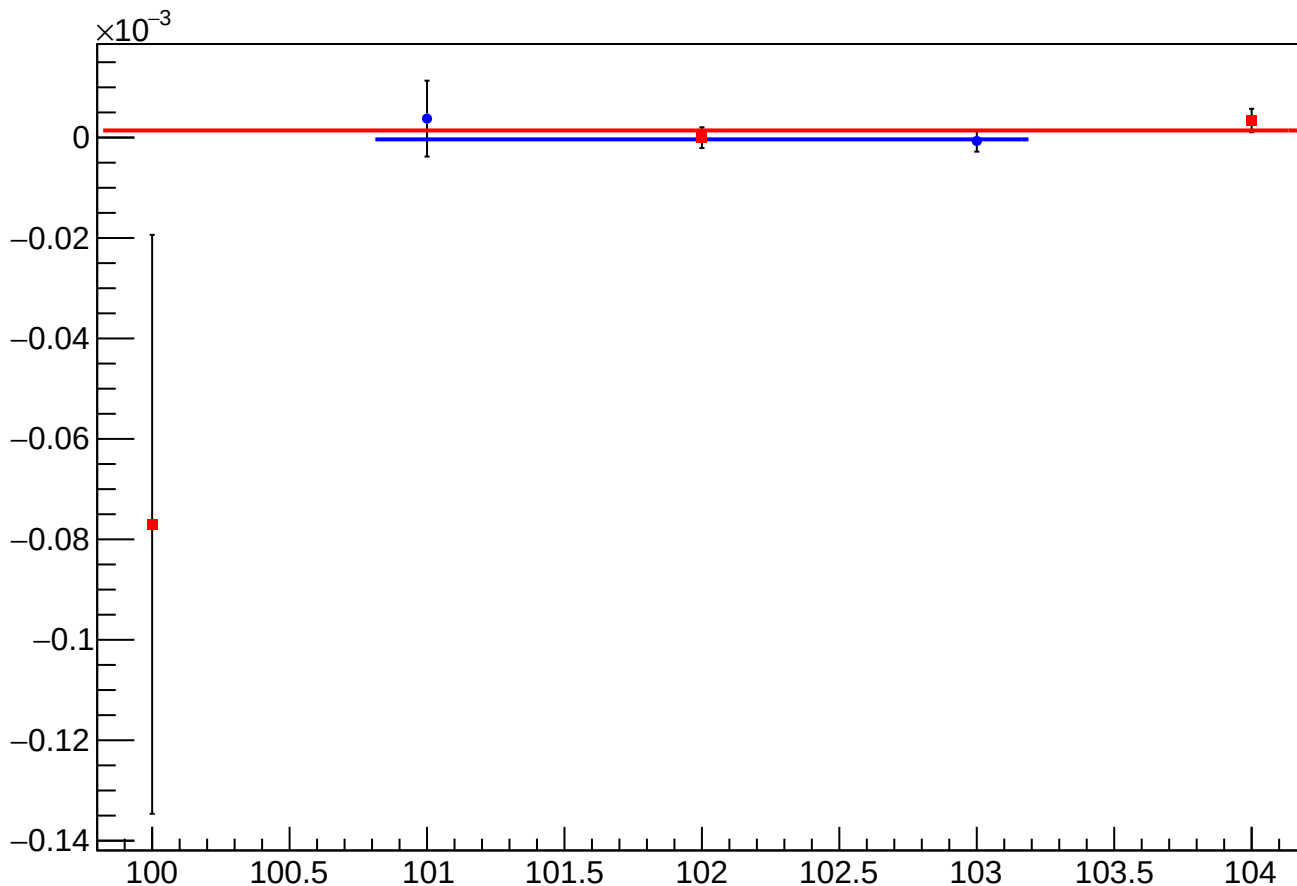
Right: 235.441+/-0.150 χ^2/NDF : 1880918.9/4

In: 198.759+/-0.156 χ^2/NDF : 753446.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.441+/-0.150 χ^2/NDF : 1880918.9/4

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 : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

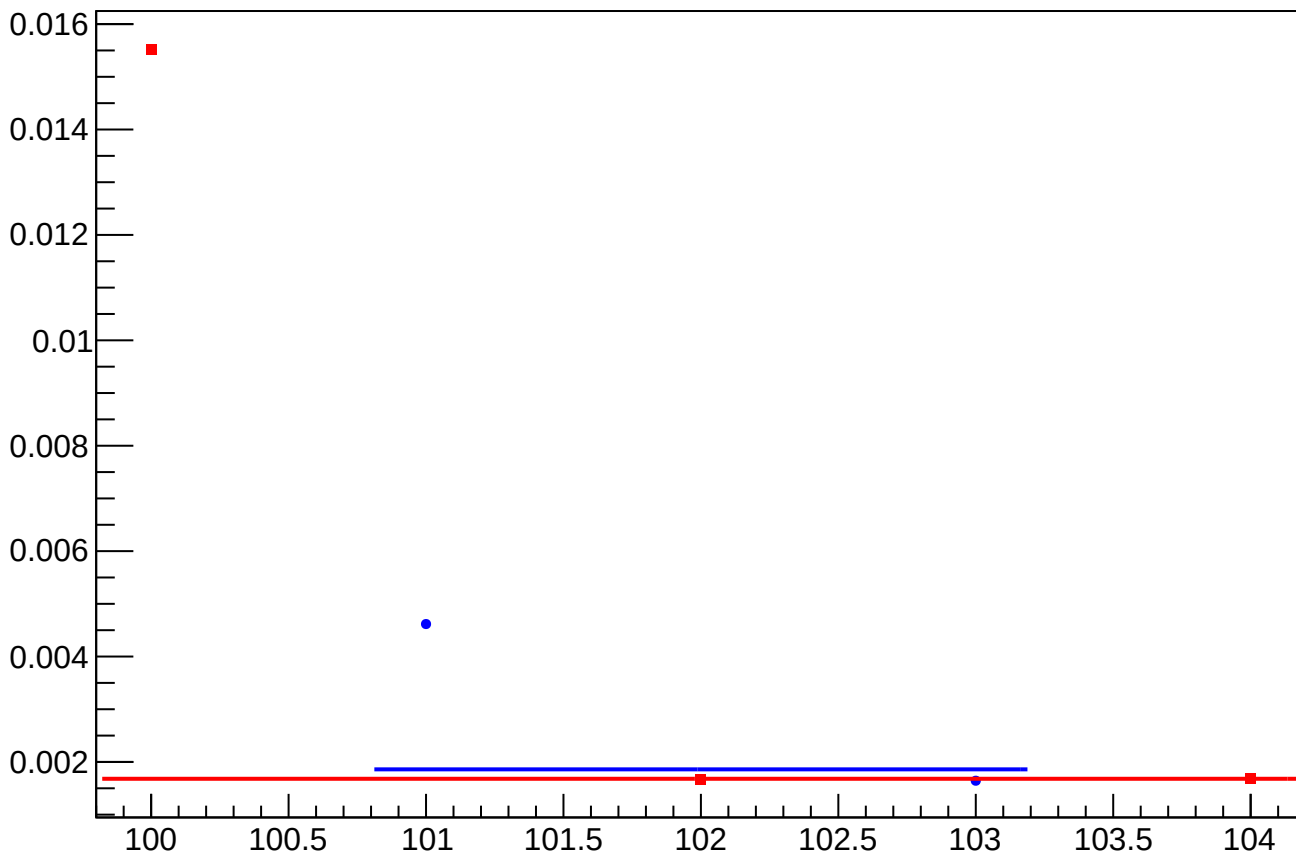
Right: 0.000+/-0.000 χ^2/NDF : 3.9/4

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 : 3.9/4

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 : 115361.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

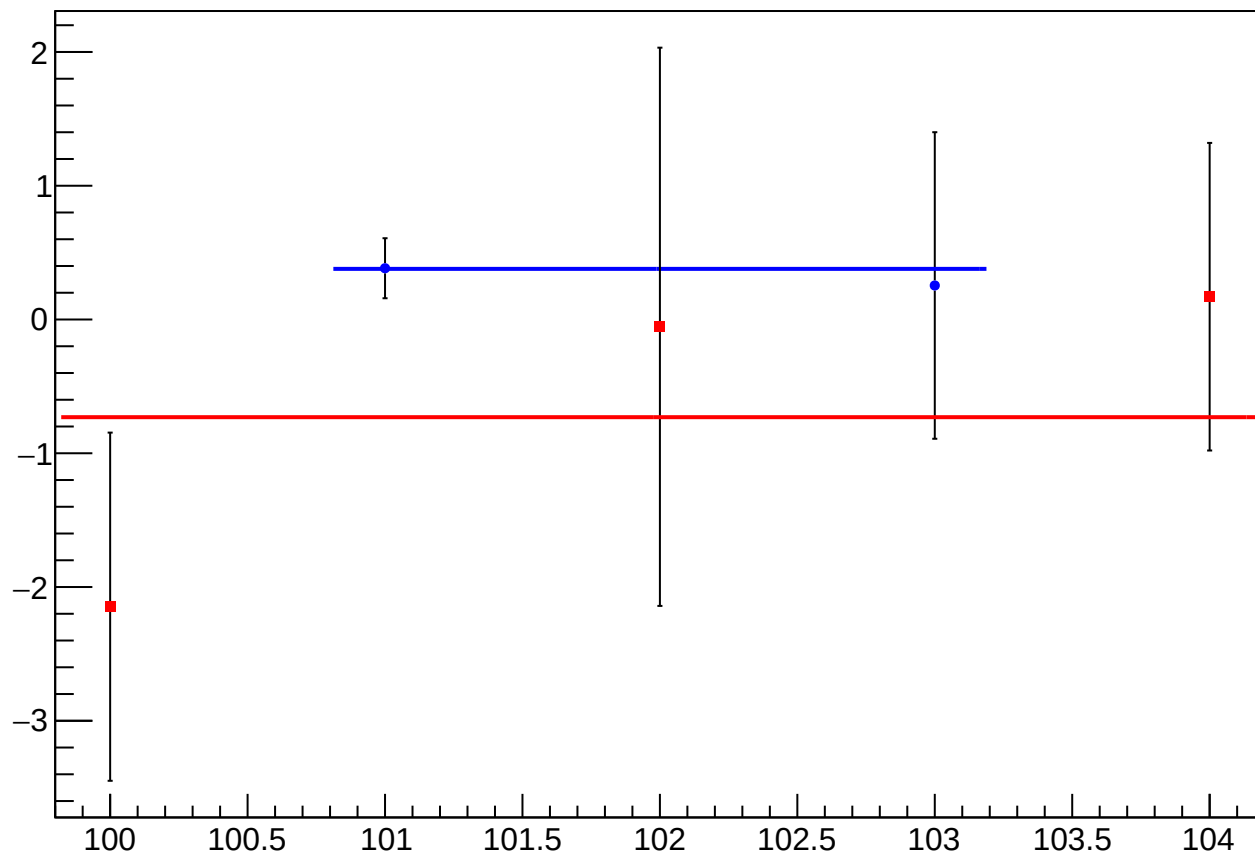
Right: 0.002+/-0.000 χ^2/NDF : 412335.6/4

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 : 412335.6/4

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: -0.730 $\pm$ 0.796 χ^2 /NDF: 1.9/2

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

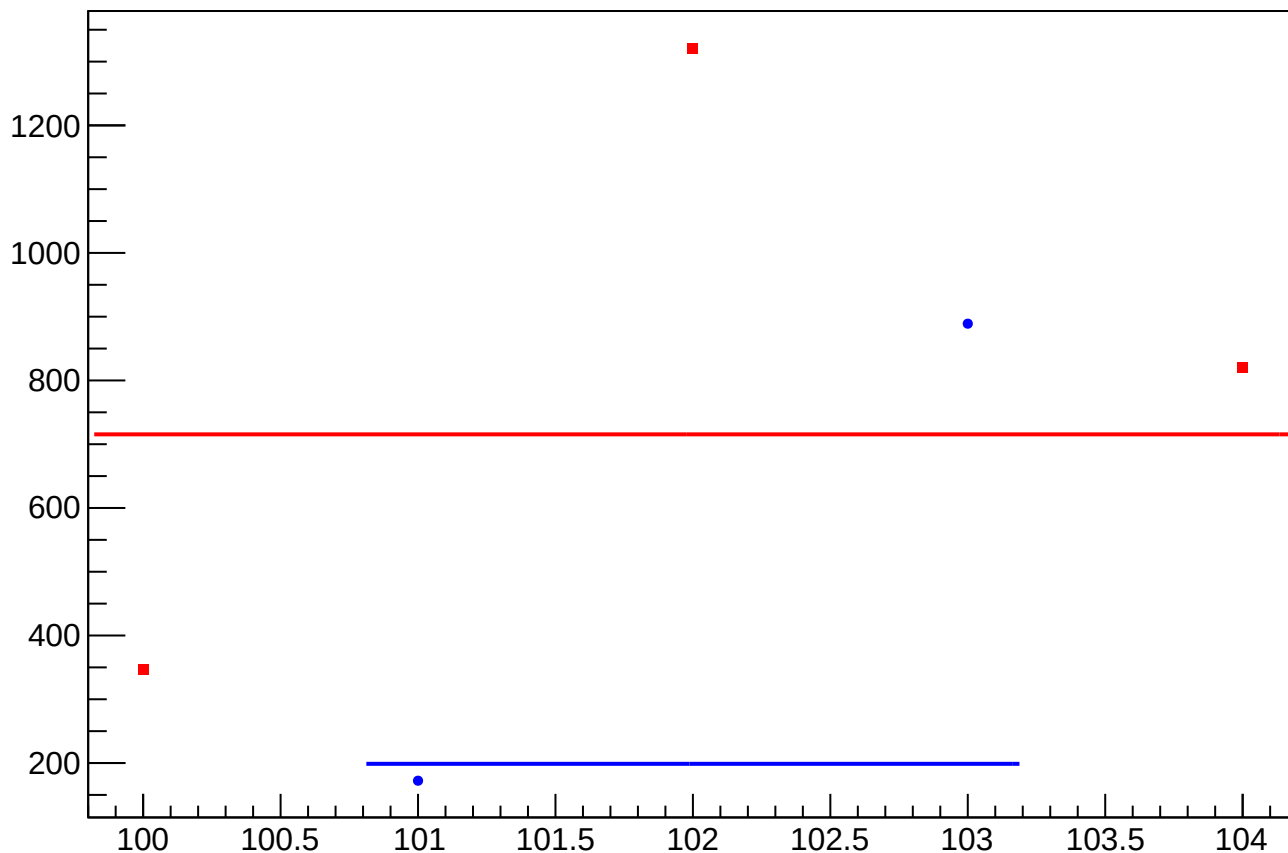
Right: 0.300 $\pm$ 0.212 χ^2 /NDF: 3.7/4

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: 0.300 $\pm$ 0.212 χ^2 /NDF: 3.7/4

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: 715.449 $\pm$ 0.563 χ^2 /NDF: 345566.0/2

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

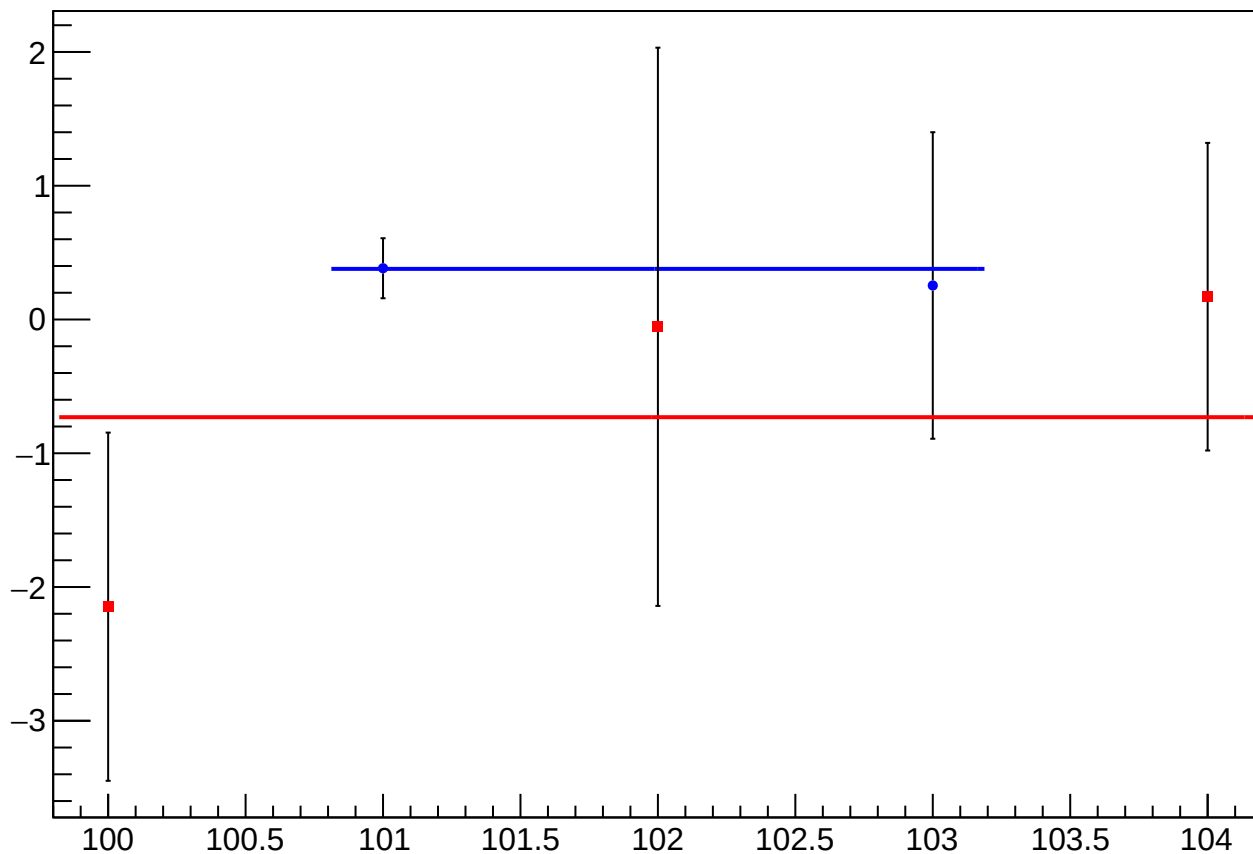
Right: 235.439 $\pm$ 0.150 χ^2 /NDF: 1880930.0/4

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: 235.439 $\pm$ 0.150 χ^2 /NDF: 1880930.0/4

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.379+/-0.220 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.730+/-0.796 χ^2/NDF : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

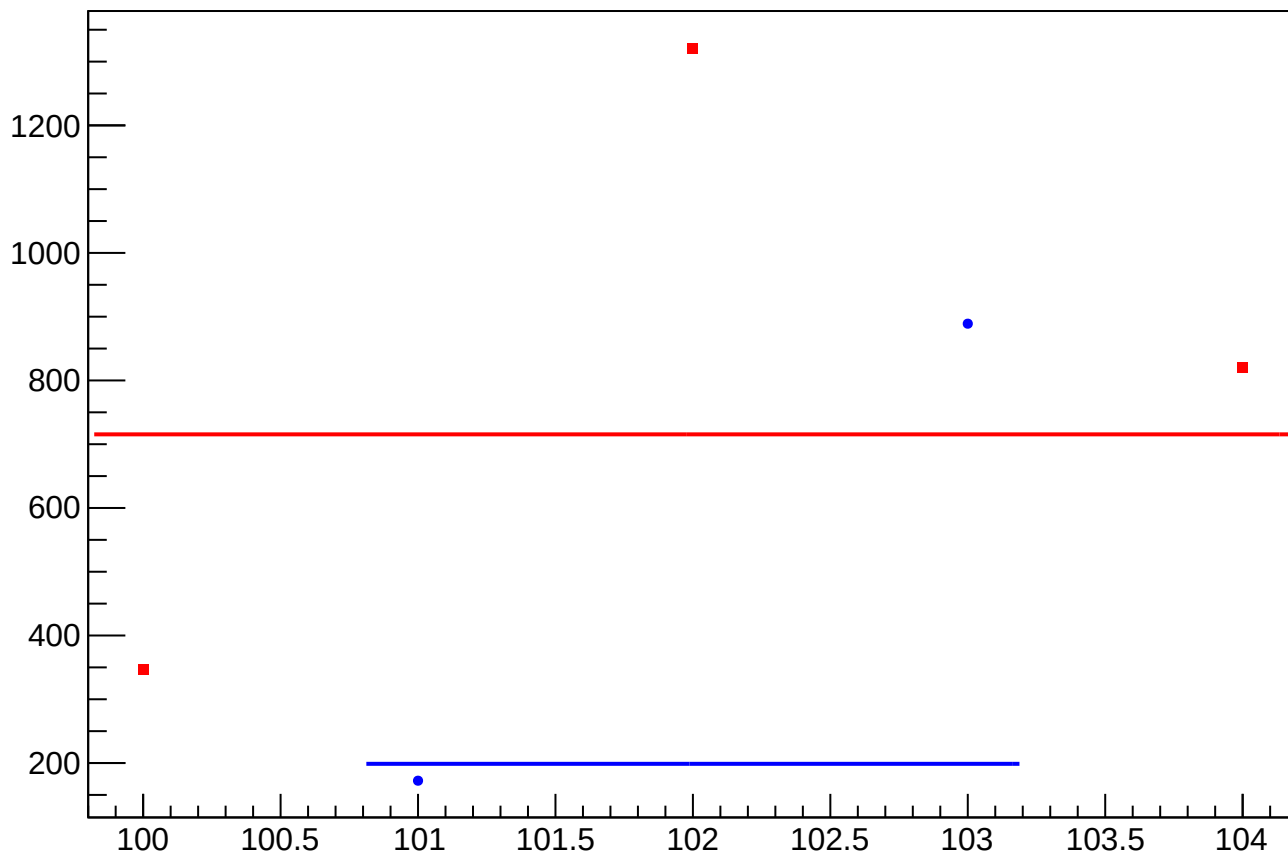
Right: 0.300+/-0.212 χ^2/NDF : 3.7/4

In: 0.379+/-0.220 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.300+/-0.212 χ^2/NDF : 3.7/4

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_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: 715.449 $\pm$ 0.563 χ^2 /NDF: 345566.0/2

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

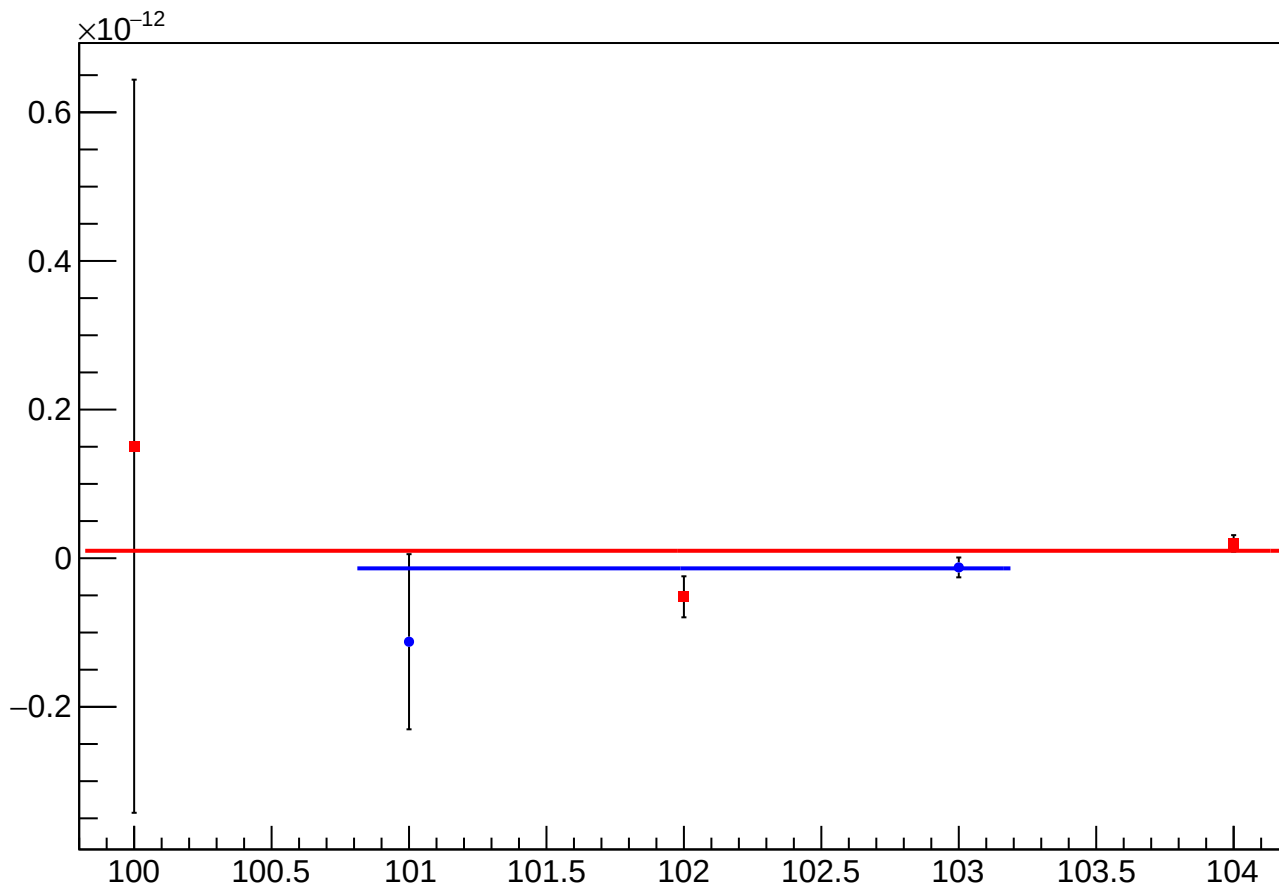
Right: 235.439 $\pm$ 0.150 χ^2 /NDF: 1880930.0/4

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: 235.439 $\pm$ 0.150 χ^2 /NDF: 1880930.0/4

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 : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

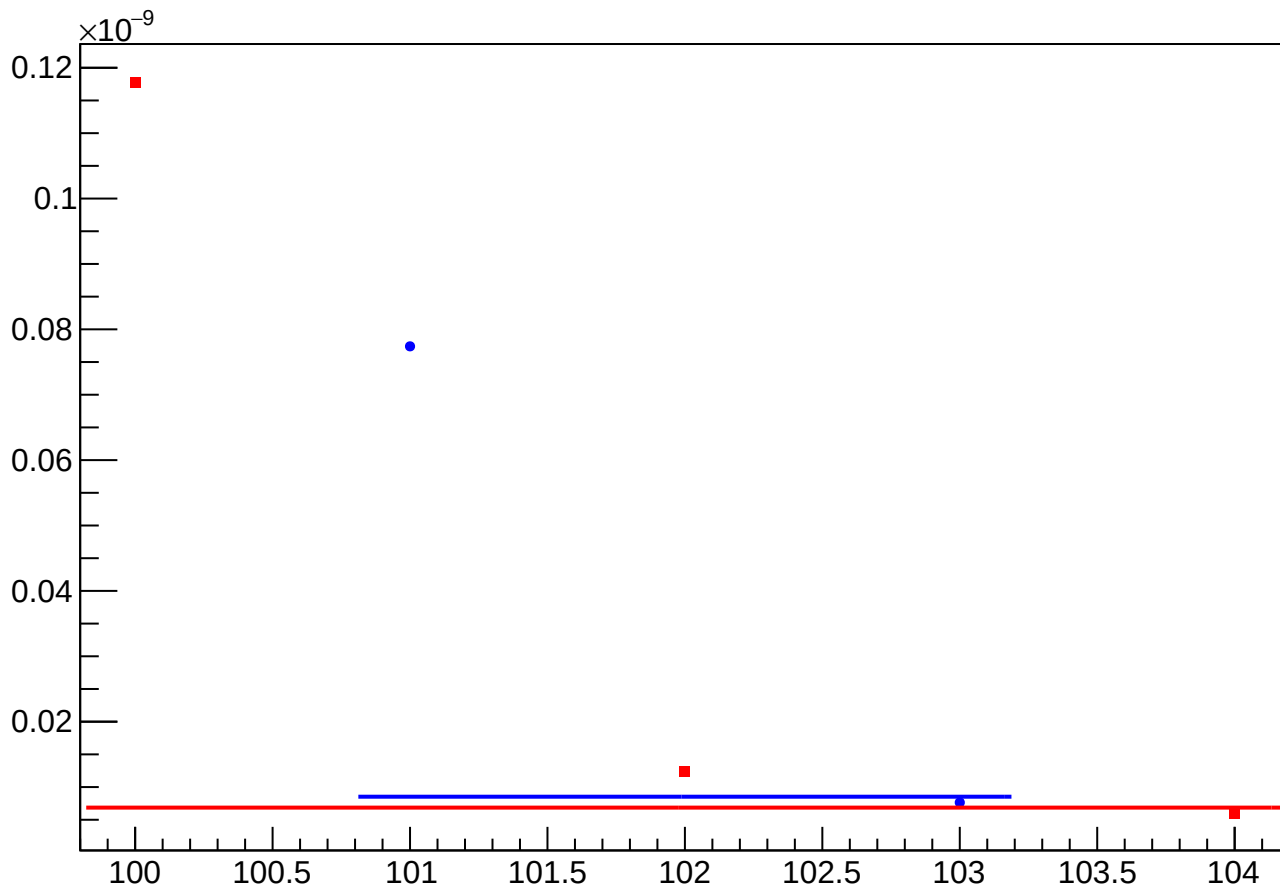
Right: 0.000+/-0.000 χ^2/NDF : 8.6/4

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 : 8.6/4

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: 193179.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

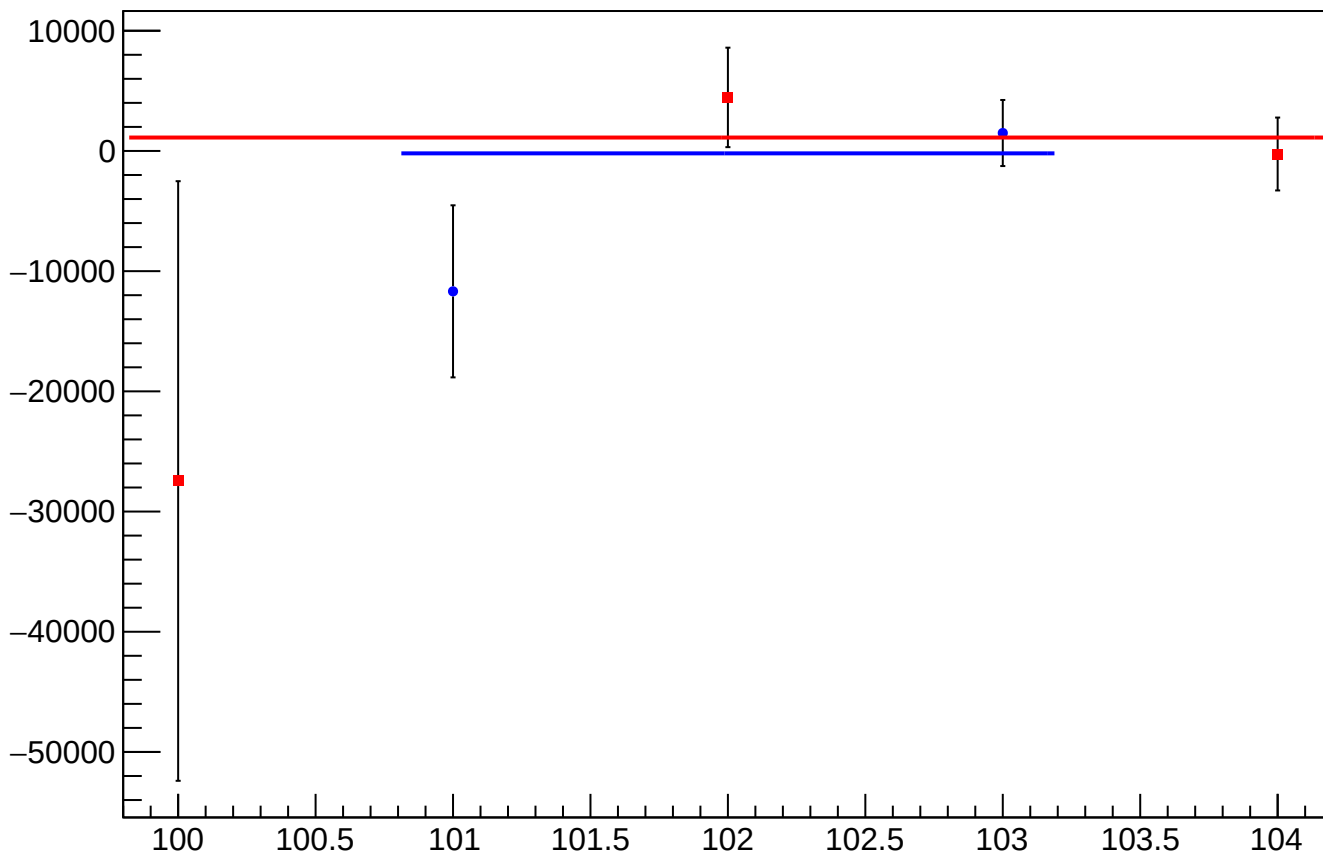
Right: 0.000+/-0.000 χ^2 /NDF: 904942.5/4

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: 904942.5/4

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: 1116.303+/-2434.035 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

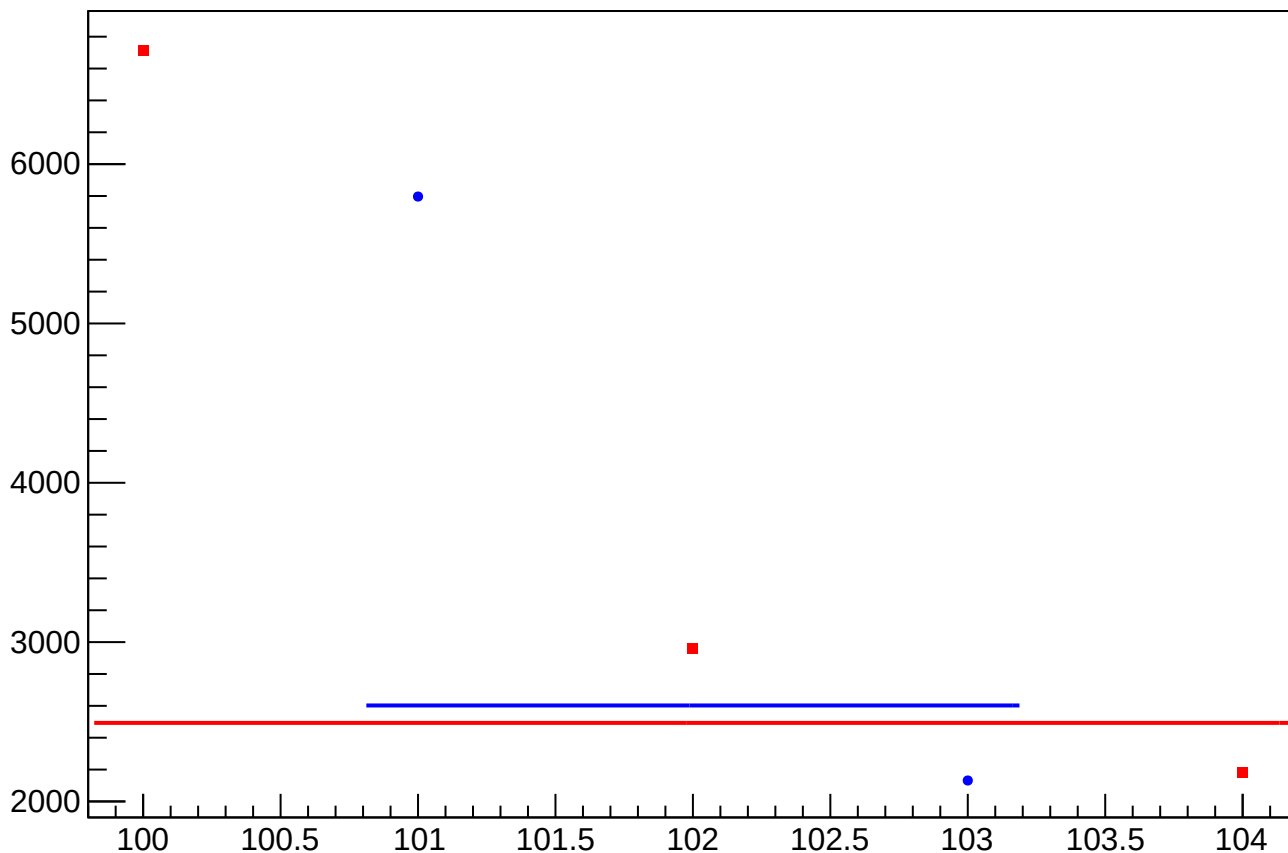
Right: 492.834+/-1765.850 χ^2/NDF : 5.3/4

In: -199.935+/-2565.745 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.834+/-1765.850 χ^2/NDF : 5.3/4

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: 2493.020+/-1.721 χ^2/NDF : 103612.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

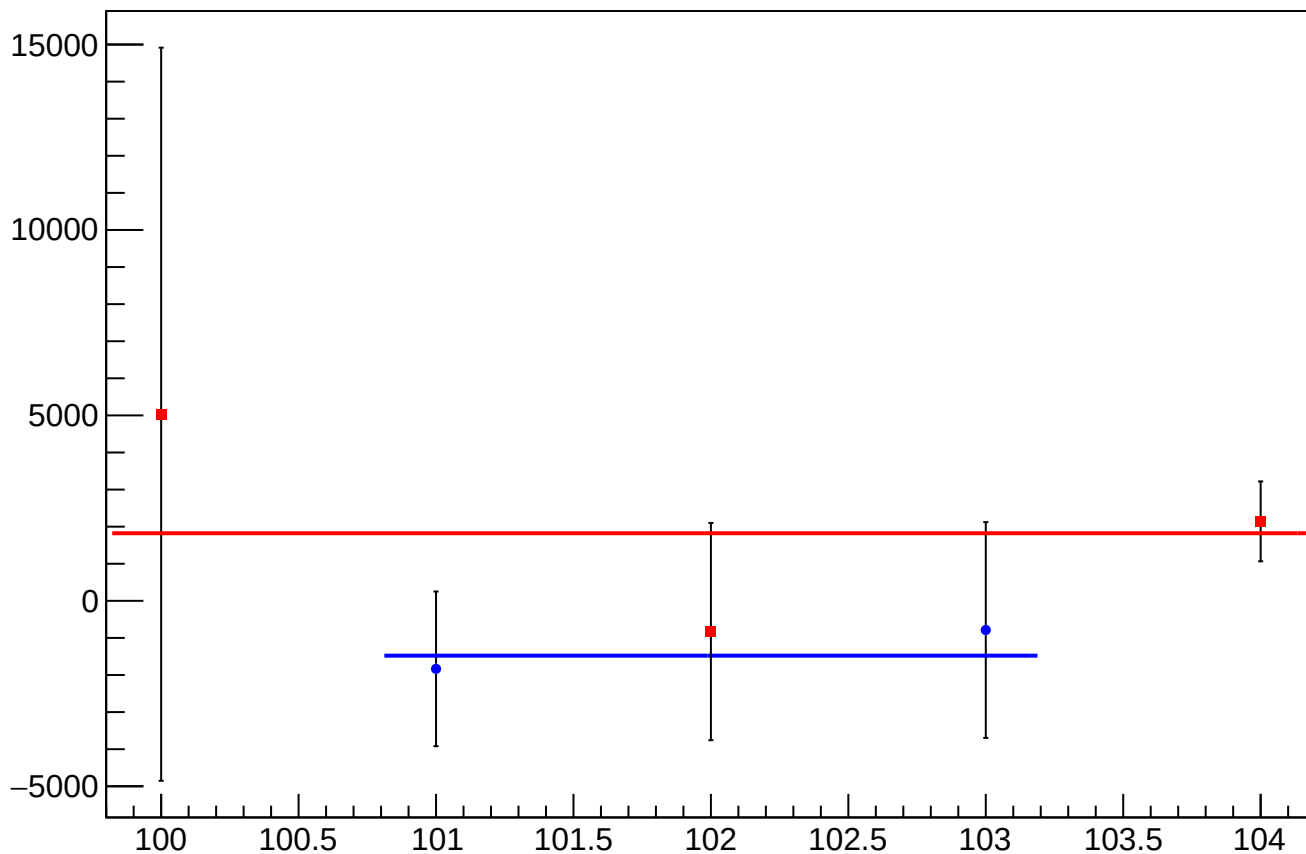
Right: 2544.834+/-1.249 χ^2/NDF : 562517.1/4

In: 2602.410+/-1.814 χ^2/NDF : 456990.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.834+/-1.249 χ^2/NDF : 562517.1/4

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: 1822.570+/-1005.669 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

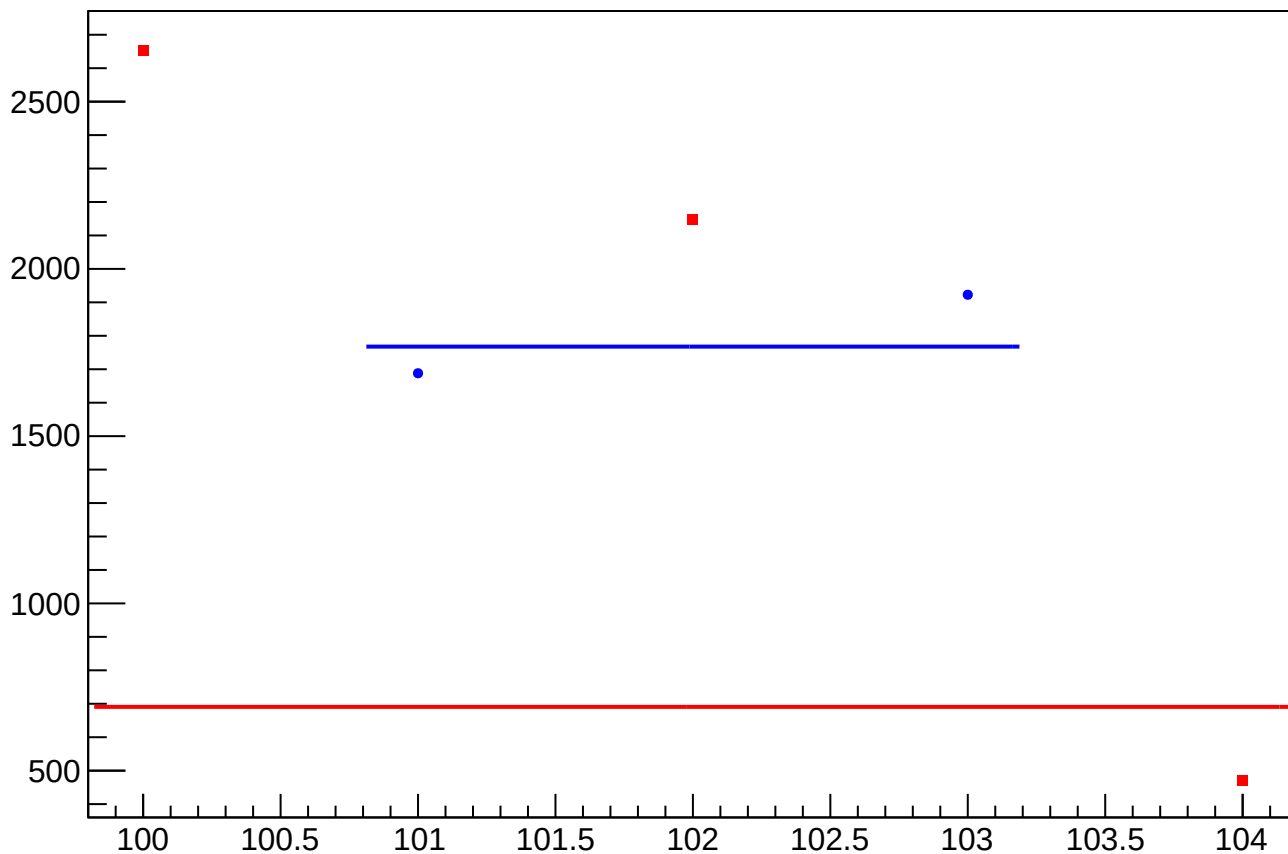
Right: 963.152+/-864.901 χ^2/NDF : 3.9/4

In: -1478.369+/-1695.052 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.152+/-864.901 χ^2/NDF : 3.9/4

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: 690.709 $\pm$ 0.711 χ^2 /NDF: 656850.1/2

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

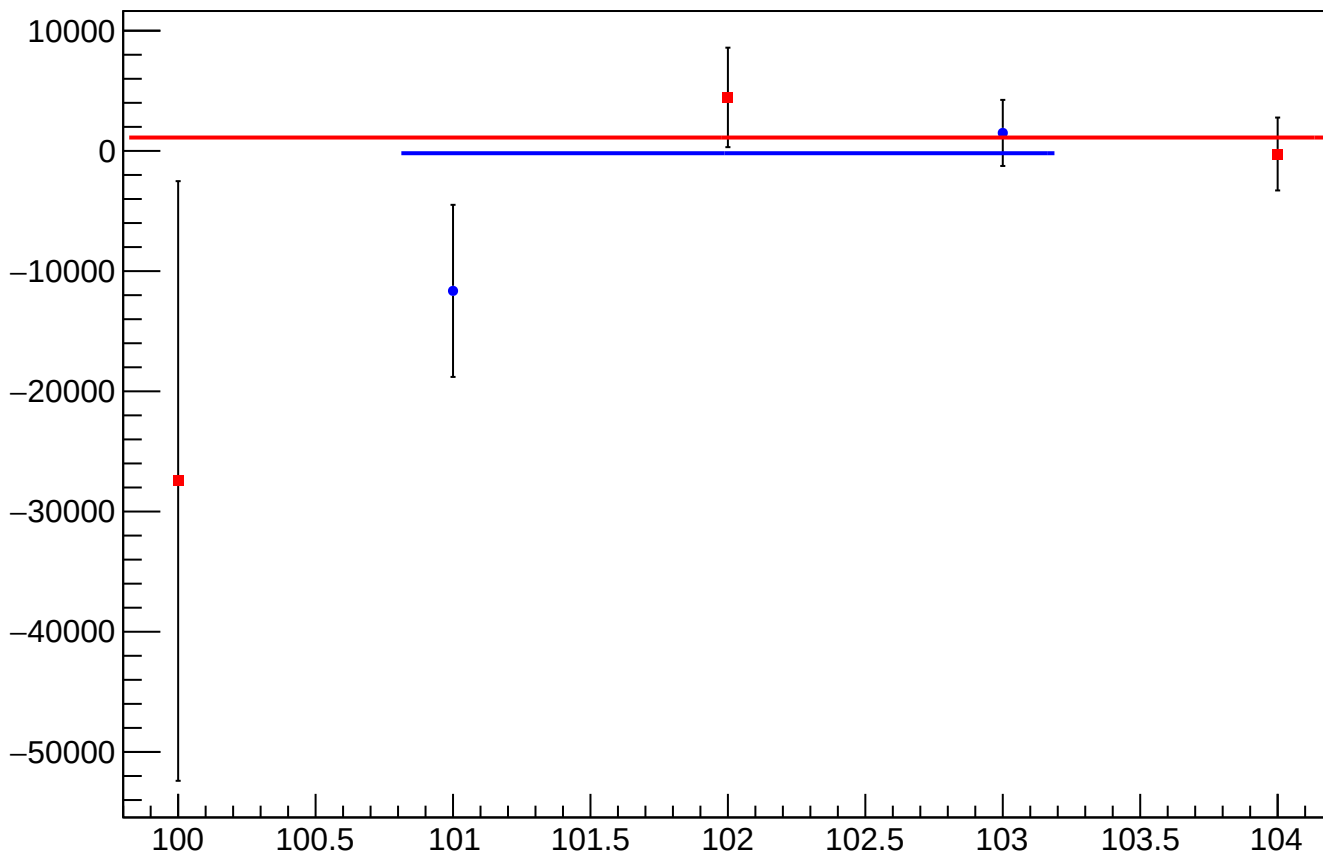
Right: 971.105 $\pm$ 0.612 χ^2 /NDF: 1262618.3/4

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: 971.105 $\pm$ 0.612 χ^2 /NDF: 1262618.3/4

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: 1113.133+/-2434.036 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

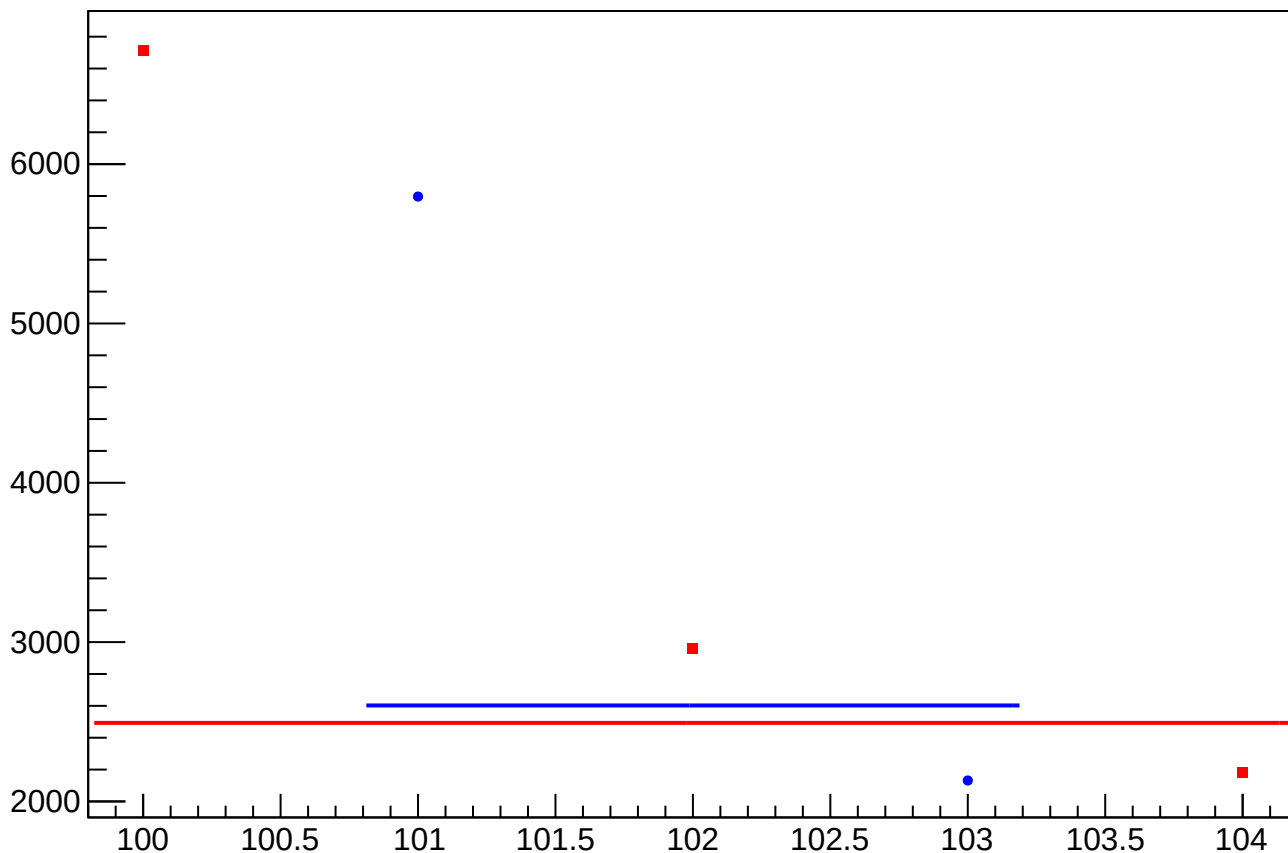
Right: 494.920+/-1765.852 χ^2/NDF : 5.2/4

In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.920+/-1765.852 χ^2/NDF : 5.2/4

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: 2493.019 ± 1.721 χ^2/NDF : 103611.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

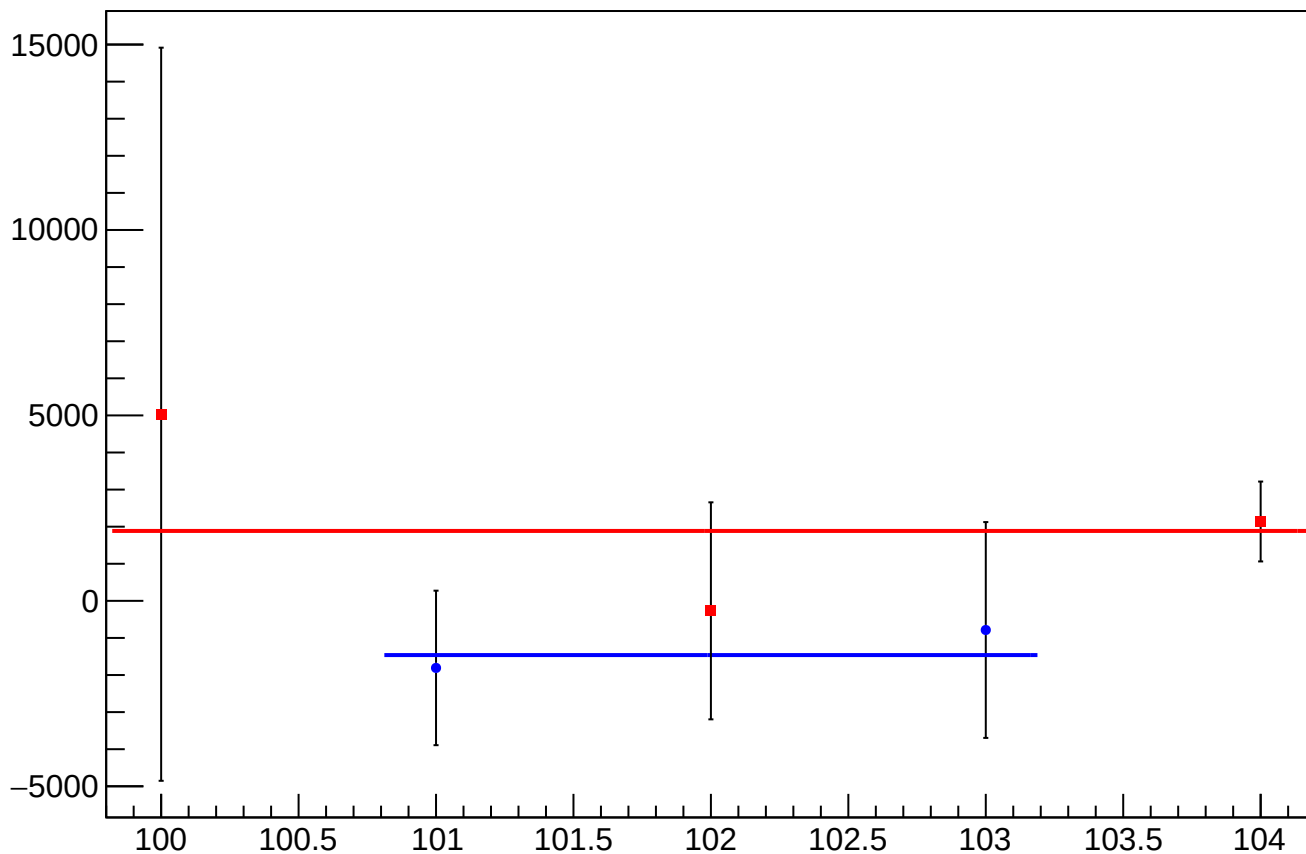
Right: 2544.834 ± 1.249 χ^2/NDF : 562516.5/4

In: 2602.412 ± 1.814 χ^2/NDF : 456991.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2544.834 ± 1.249 χ^2/NDF : 562516.5/4

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: 1885.083+/-1005.346 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

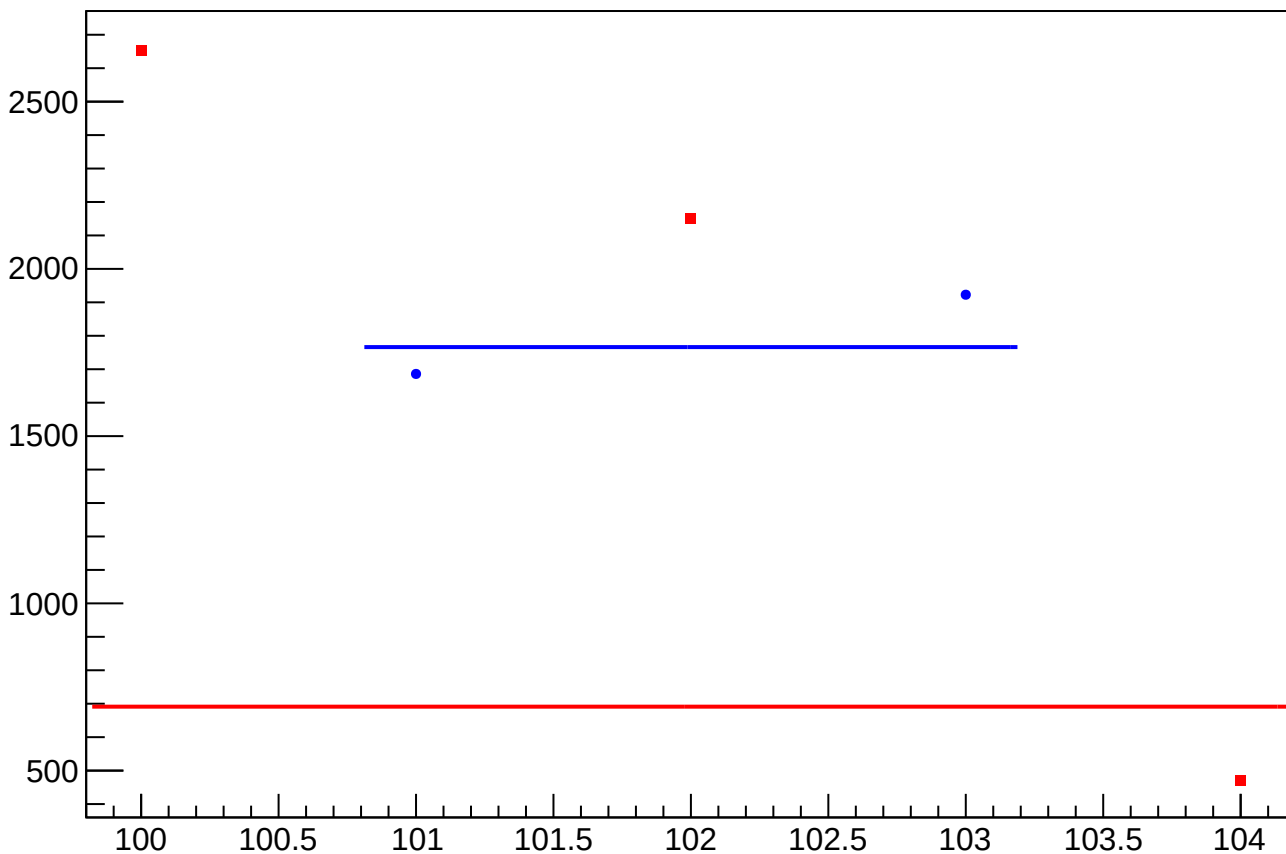
Right: 1013.027+/-864.516 χ^2/NDF : 3.7/4

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.027+/-864.516 χ^2/NDF : 3.7/4

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: 691.192+/-0.711 χ^2/NDF : 660050.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

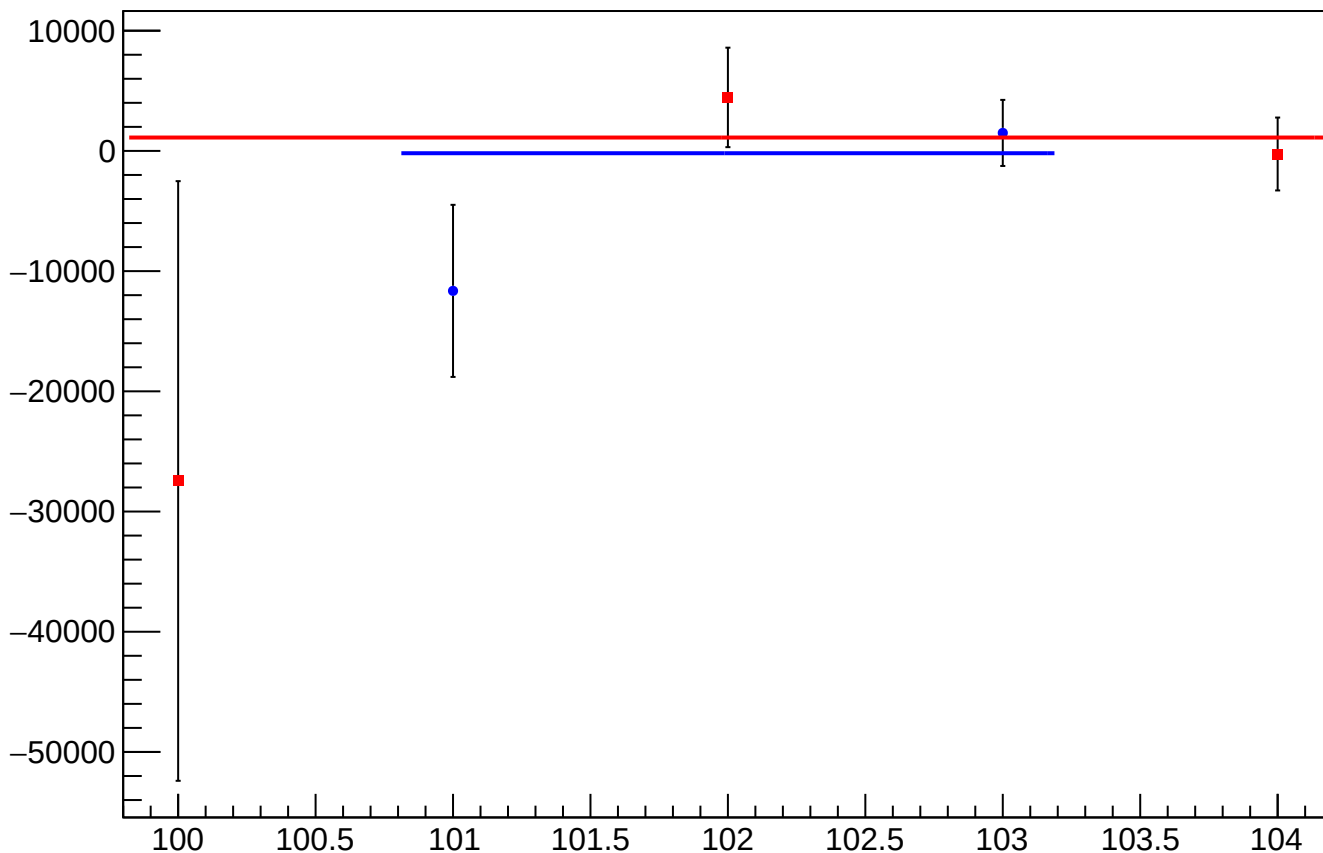
Right: 971.274+/-0.611 χ^2/NDF : 1264600.9/4

In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.274+/-0.611 χ^2/NDF : 1264600.9/4

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: 1113.133+/-2434.036 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

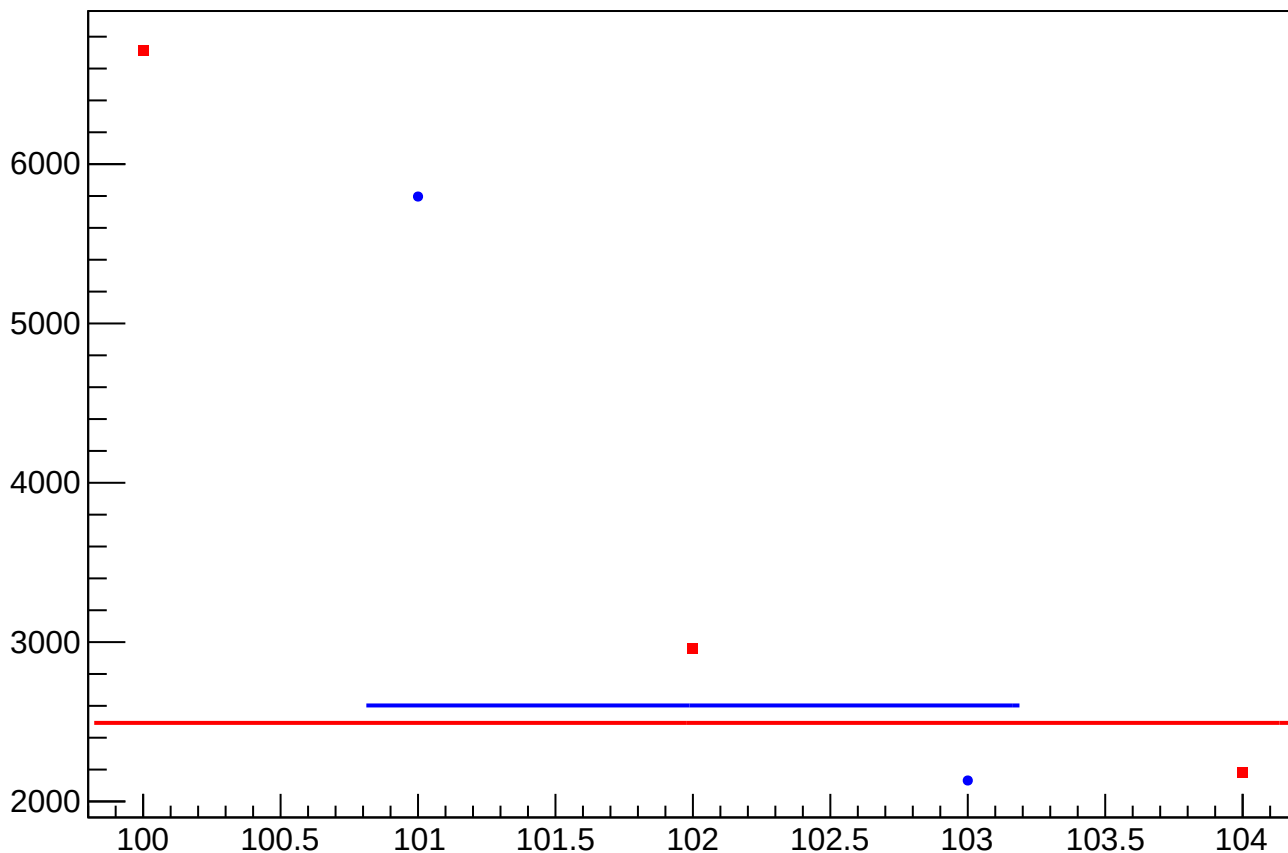
Right: 494.920+/-1765.852 χ^2/NDF : 5.2/4

In: -192.010+/-2565.749 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 494.920+/-1765.852 χ^2/NDF : 5.2/4

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: 2493.019+/-1.721 χ^2/NDF : 103611.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

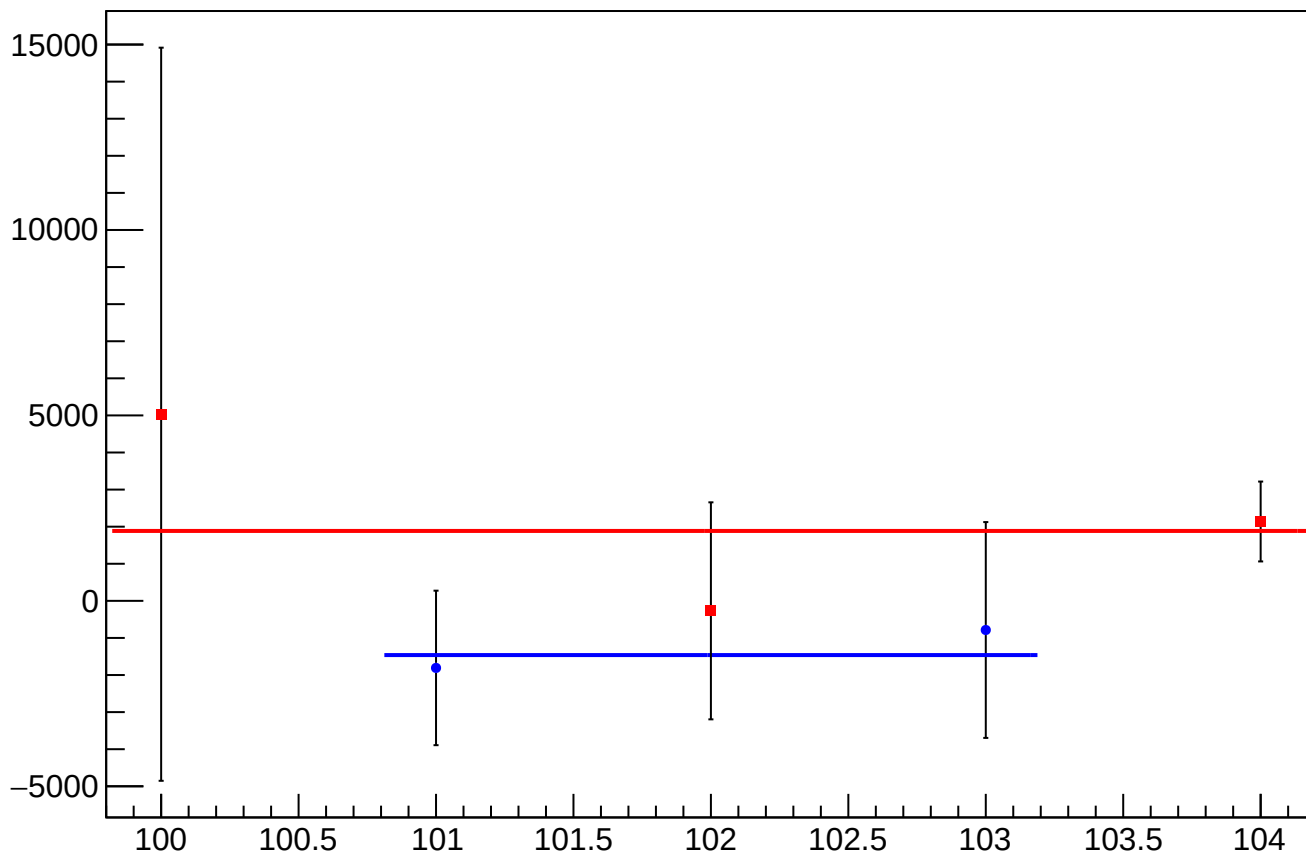
Right: 2544.834+/-1.249 χ^2/NDF : 562516.5/4

In: 2602.412+/-1.814 χ^2/NDF : 456991.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2544.834+/-1.249 χ^2/NDF : 562516.5/4

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: 1885.083+/-1005.346 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

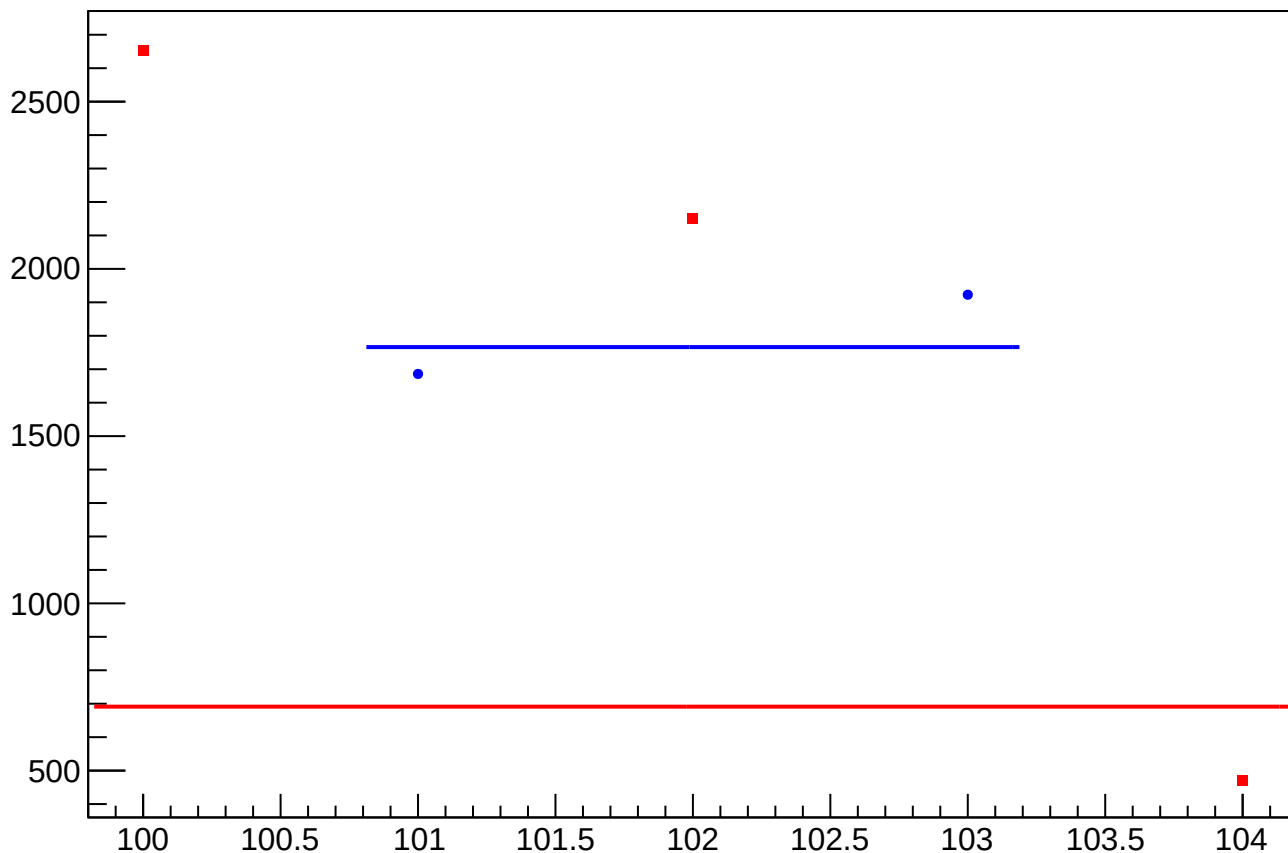
Right: 1013.027+/-864.516 χ^2/NDF : 3.7/4

In: -1462.029+/-1693.698 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.027+/-864.516 χ^2/NDF : 3.7/4

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: 691.192+/-0.711 χ^2/NDF : 660050.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

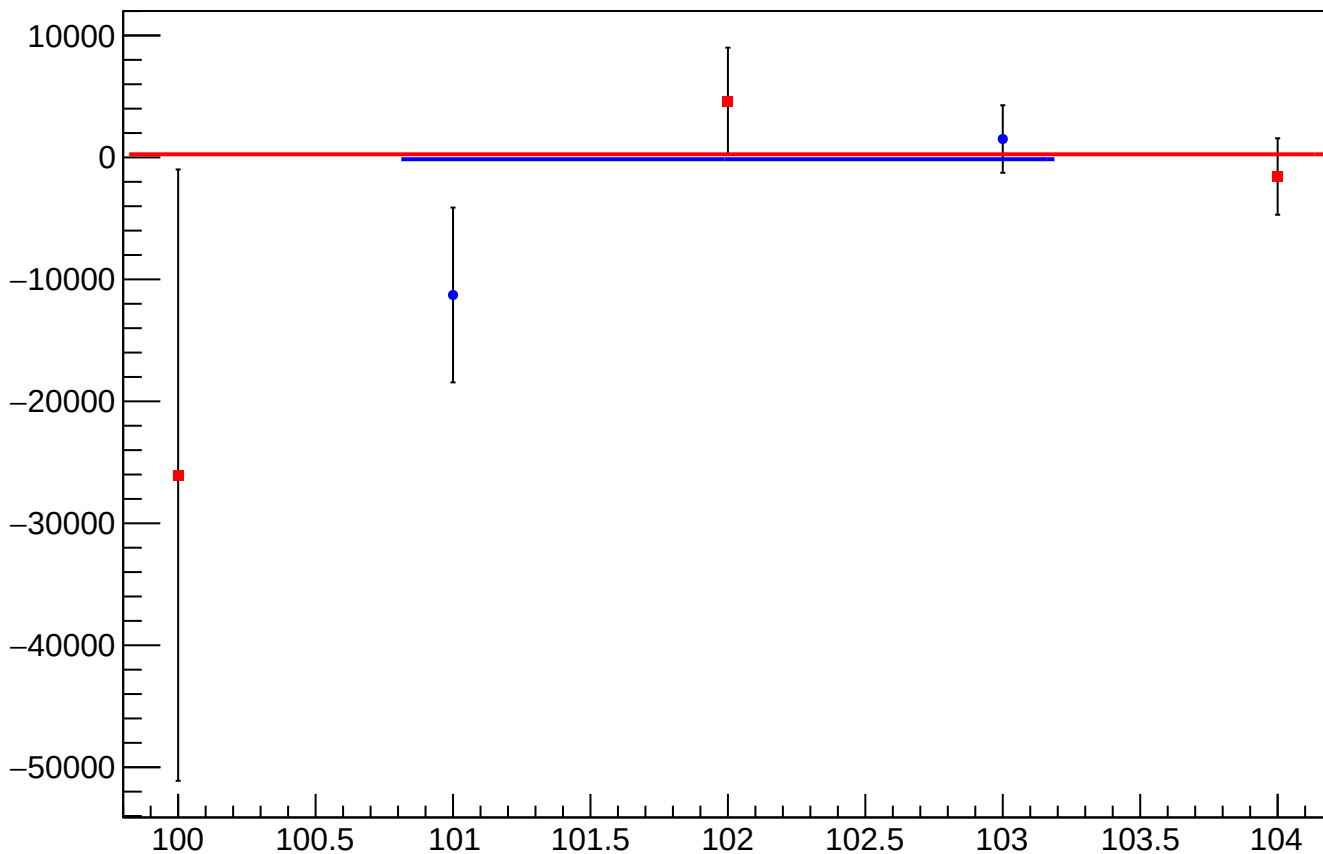
Right: 971.274+/-0.611 χ^2/NDF : 1264600.9/4

In: 1766.199+/-1.198 χ^2/NDF : 8758.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 971.274+/-0.611 χ^2/NDF : 1264600.9/4

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: 255.752+/-2536.679 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

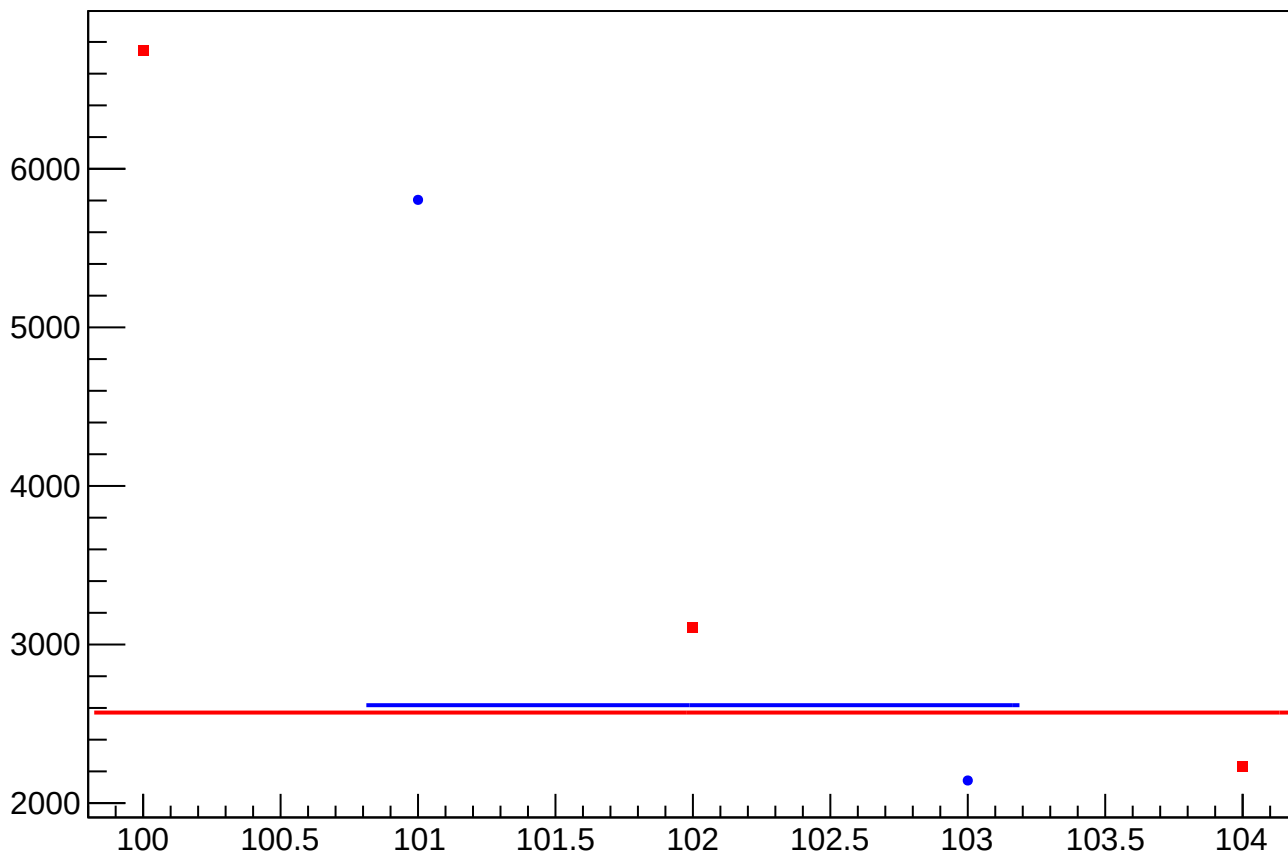
Right: 57.732+/-1809.167 χ^2/NDF : 5.2/4

In: -147.268+/-2580.993 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.732+/-1809.167 χ^2/NDF : 5.2/4

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: 2570.958+/-1.794 χ^2/NDF : 109393.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

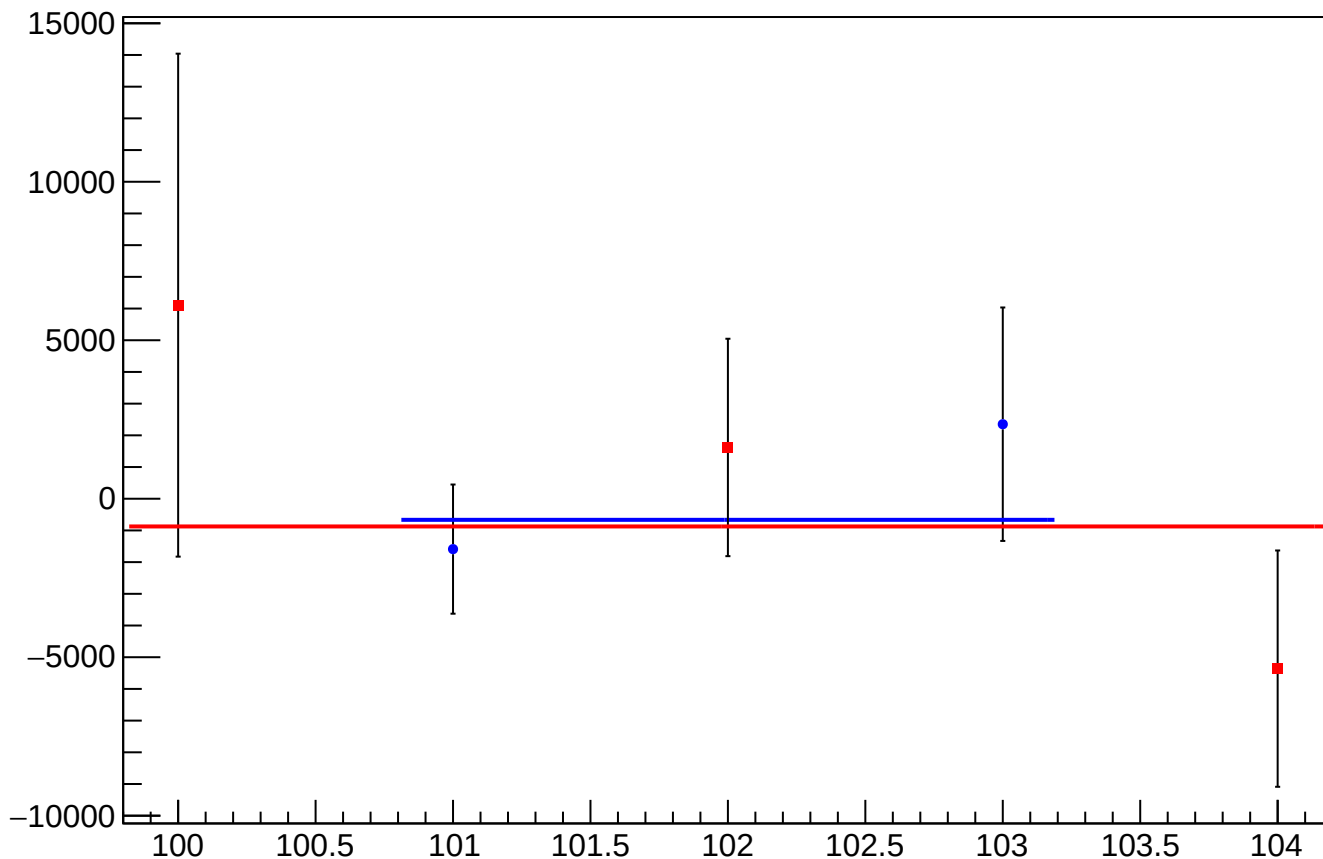
Right: 2593.788+/-1.279 χ^2/NDF : 564019.7/4

In: 2617.425+/-1.825 χ^2/NDF : 454296.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2593.788+/-1.279 χ^2/NDF : 564019.7/4

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: -874.511+/-2405.057 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

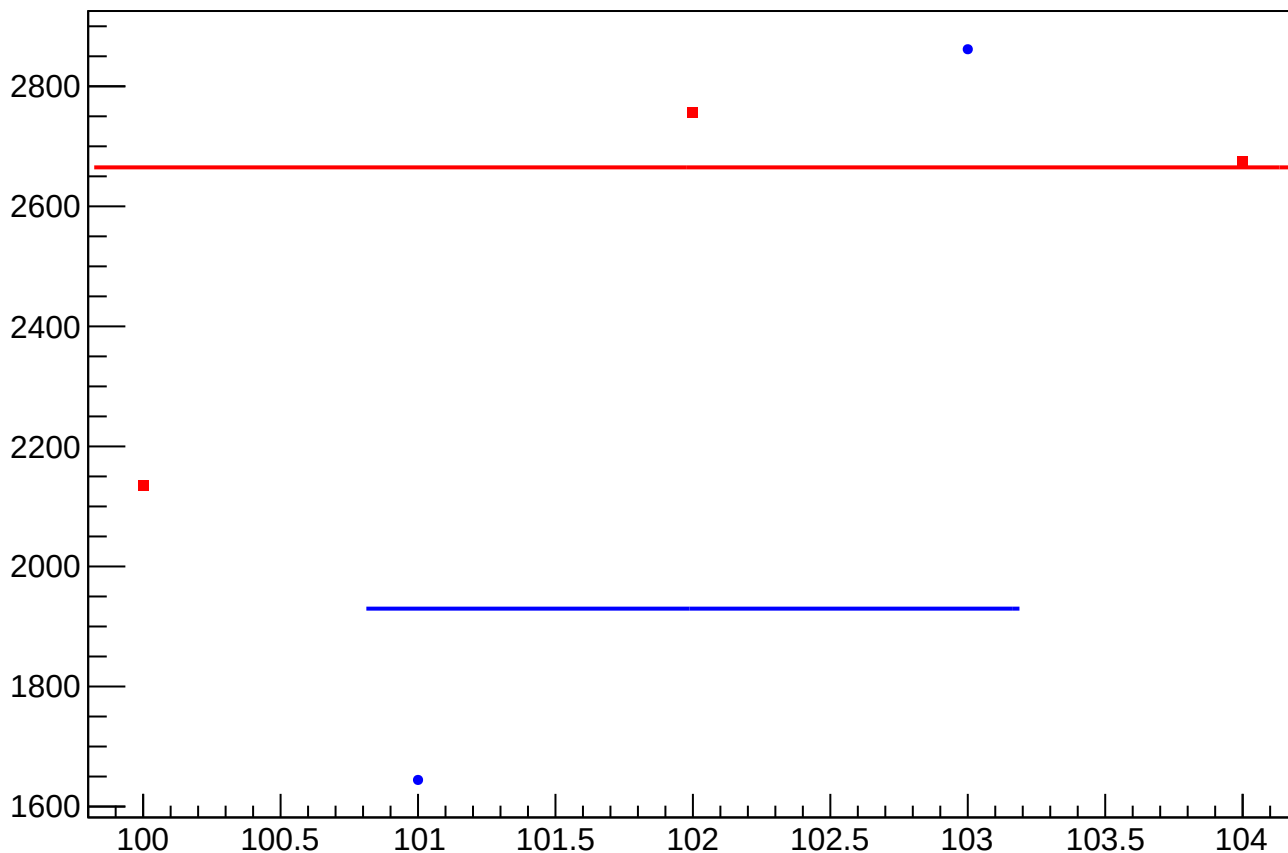
Right: -739.727+/-1432.283 χ^2/NDF : 3.6/4

In: -665.655+/-1782.926 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -739.727+/-1432.283 χ^2/NDF : 3.6/4

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1929.740+/-1.261 χ^2/NDF : 167357.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.938+/-1.701 χ^2/NDF : 10319.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

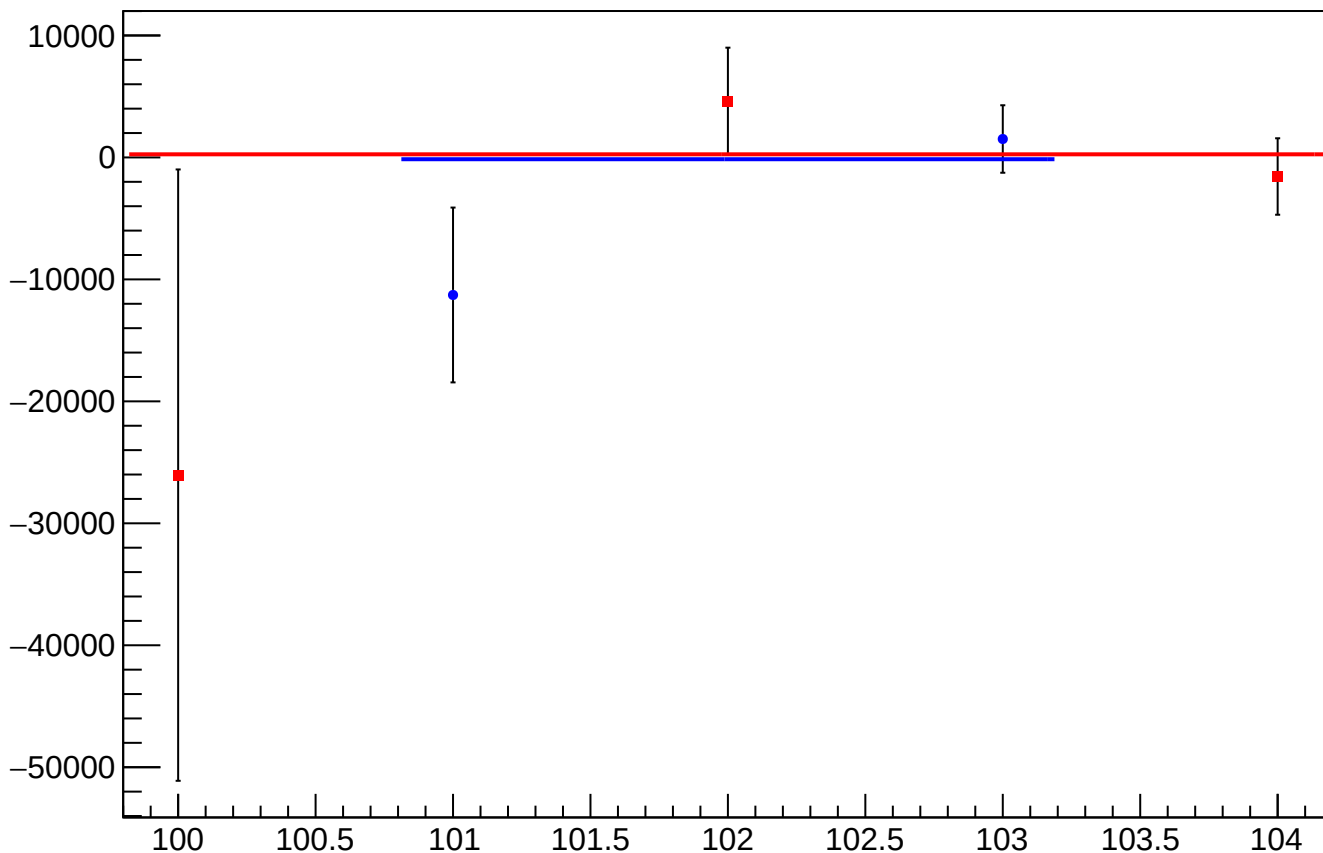
Right: 2190.483+/-1.013 χ^2/NDF : 298285.0/4

In: 1929.740+/-1.261 χ^2/NDF : 167357.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.483+/-1.013 χ^2/NDF : 298285.0/4

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: 255.751+/-2536.678 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

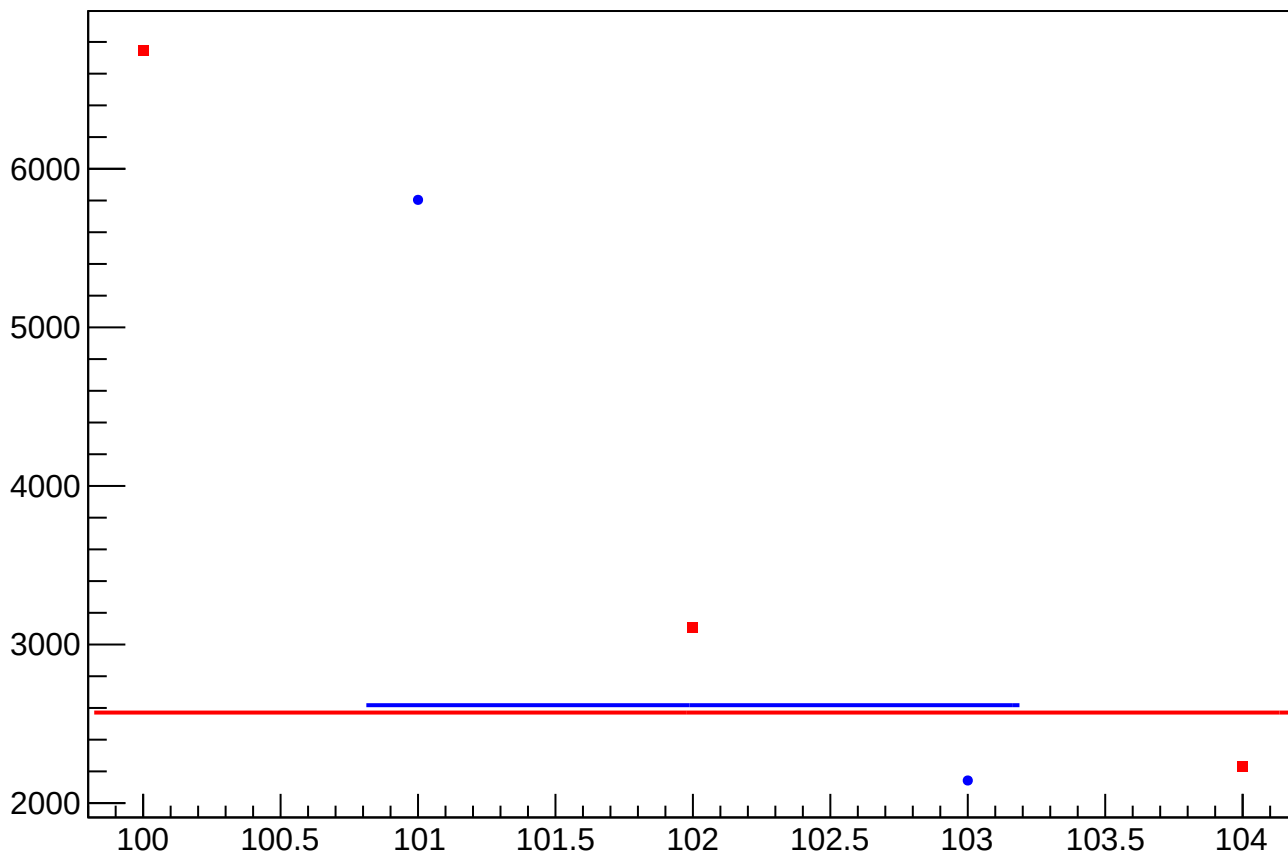
Right: 57.731+/-1809.166 χ^2/NDF : 5.2/4

In: -147.268+/-2580.993 χ^2/NDF :2.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 57.731+/-1809.166 χ^2/NDF : 5.2/4

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: 2570.957+/-1.794 χ^2/NDF : 109393.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

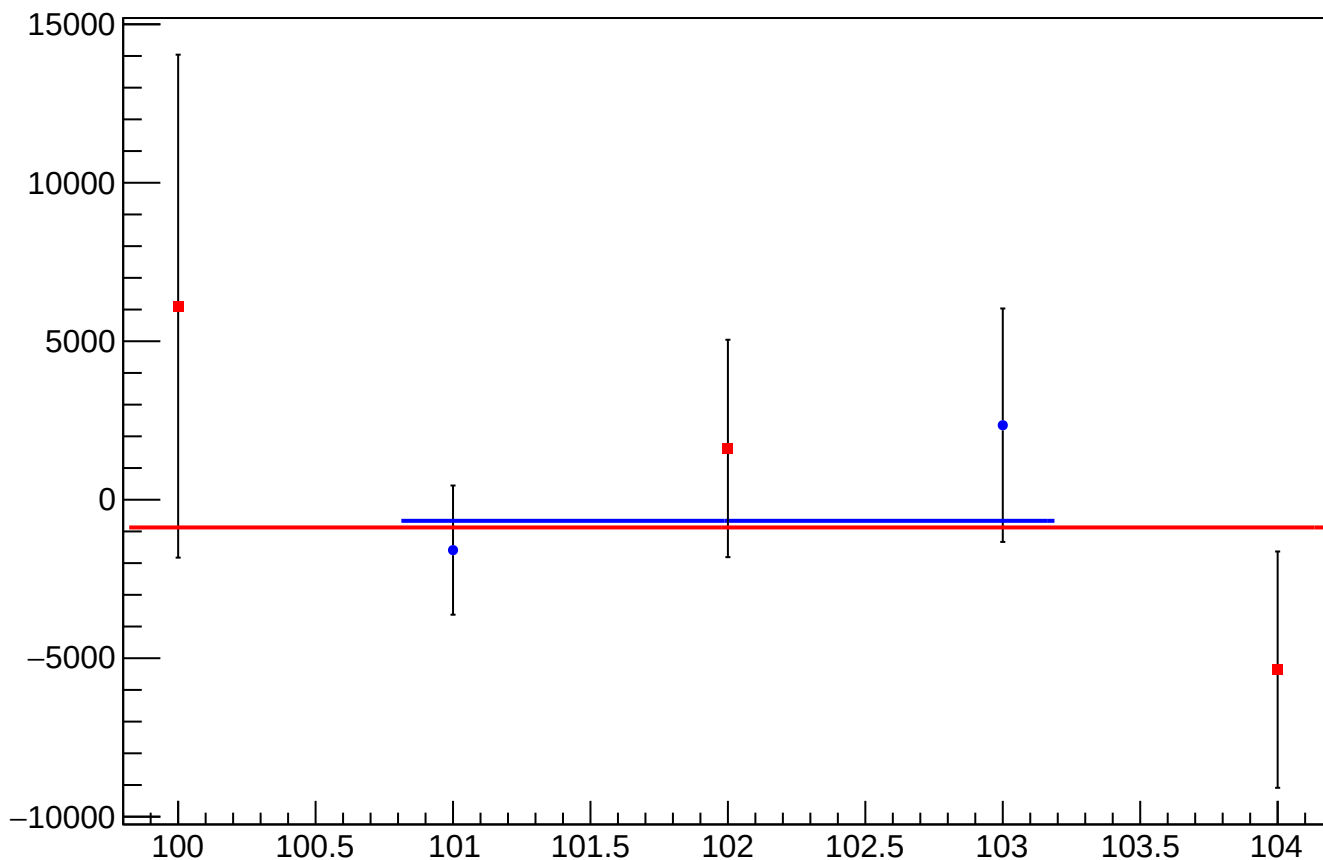
Right: 2593.788+/-1.279 χ^2/NDF : 564019.7/4

In: 2617.425+/-1.825 χ^2/NDF : 454296.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2593.788+/-1.279 χ^2/NDF : 564019.7/4

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: -874.508+/-2405.059 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

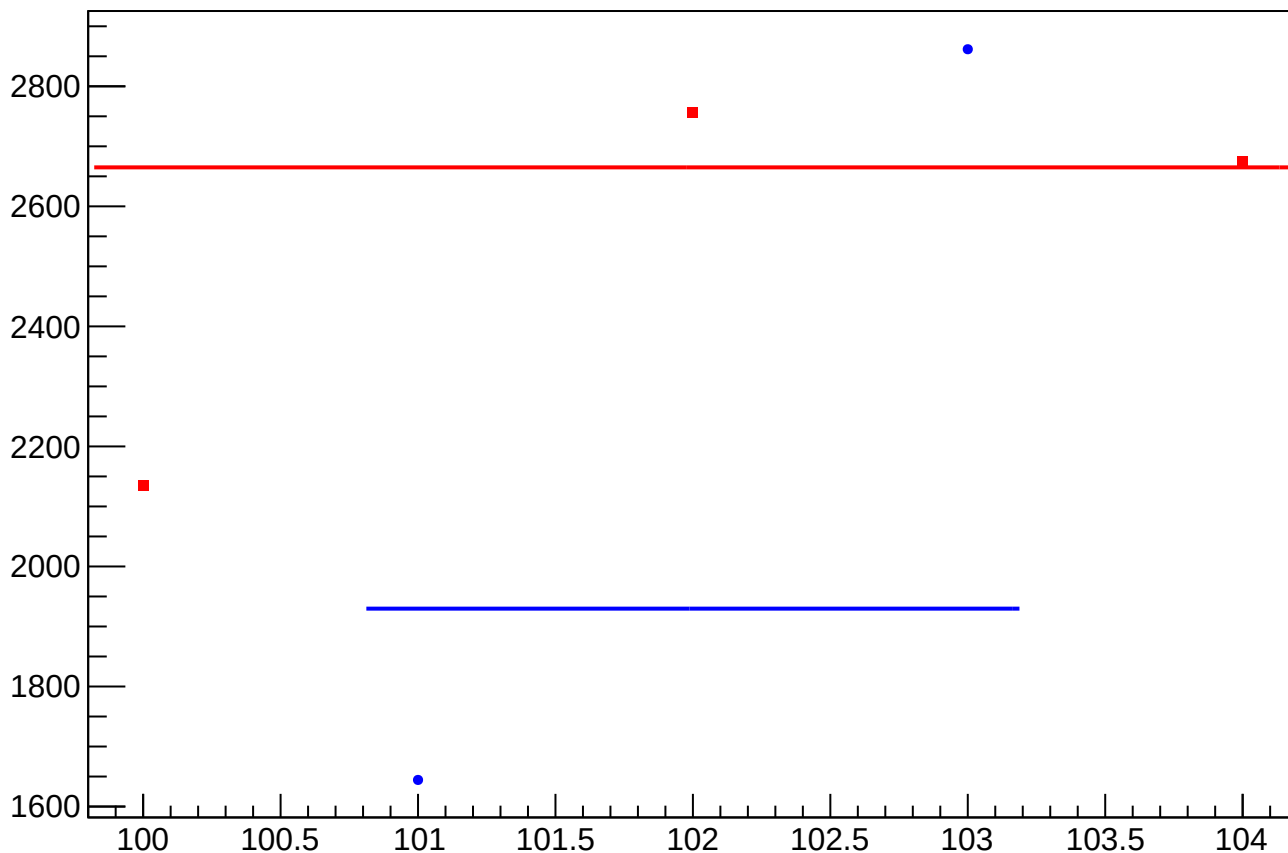
Right: -739.729+/-1432.284 χ^2/NDF : 3.6/4

In: -665.660+/-1782.927 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -739.729+/-1432.284 χ^2/NDF : 3.6/4

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: 2664.941+/-1.701 χ^2/NDF : 10319.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

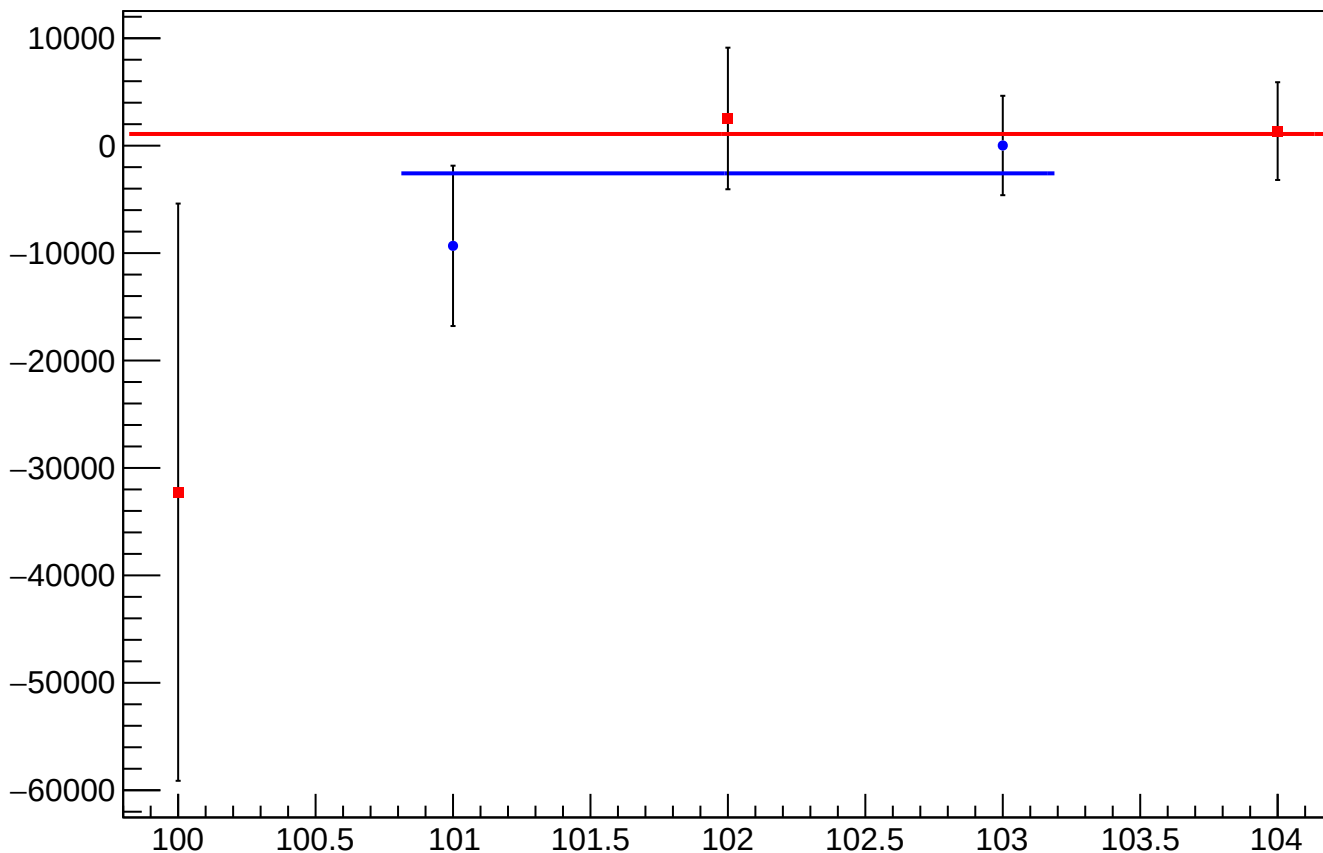
Right: 2190.483+/-1.013 χ^2/NDF : 298286.3/4

In: 1929.741+/-1.261 χ^2/NDF : 167357.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2190.483+/-1.013 χ^2/NDF : 298286.3/4

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: 1088.496 $\pm$ 3708.196 χ^2 /NDF: 1.6/2

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

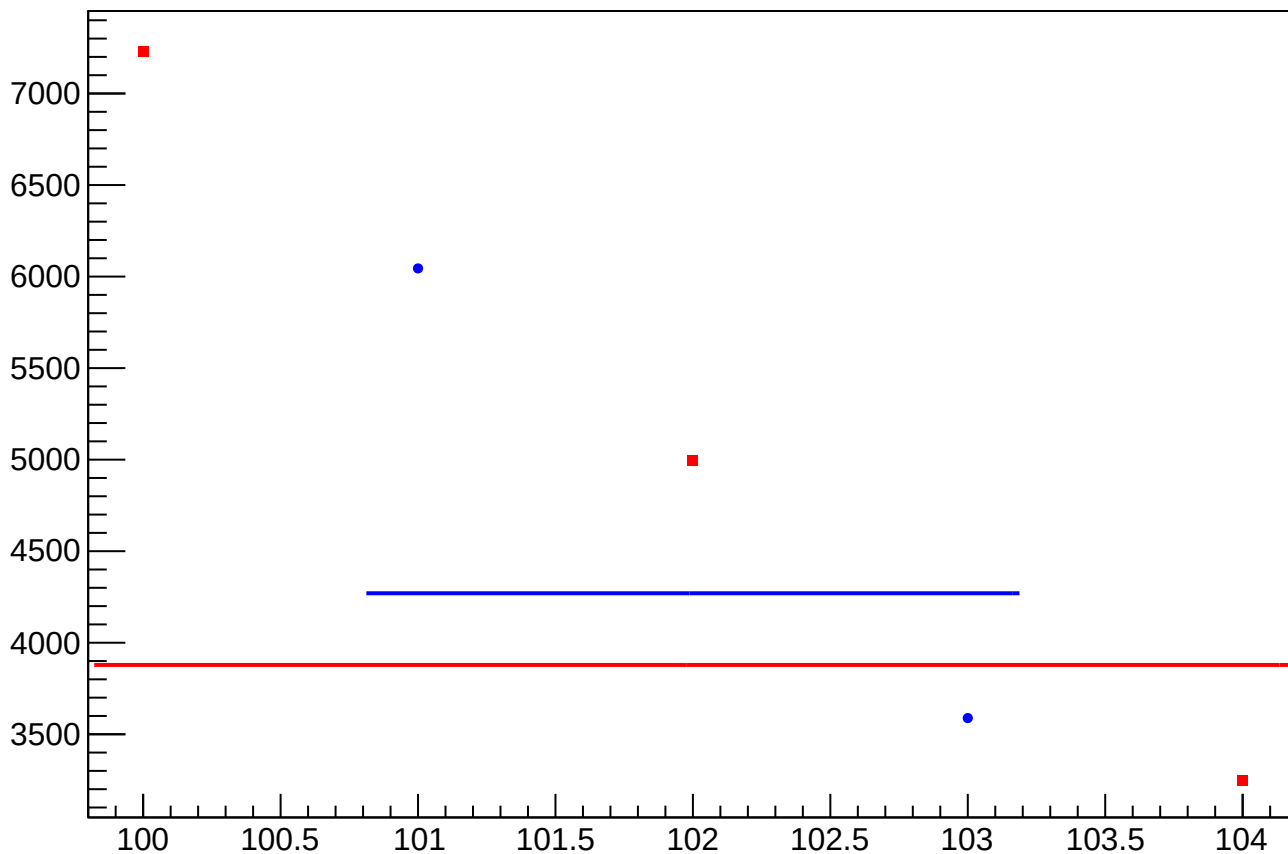
Right: -636.989 $\pm$ 2697.718 χ^2 /NDF: 3.2/4

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: -636.989 $\pm$ 2697.718 χ^2 /NDF: 3.2/4

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: 3878.651+/-2.622 χ^2/NDF : 127104.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

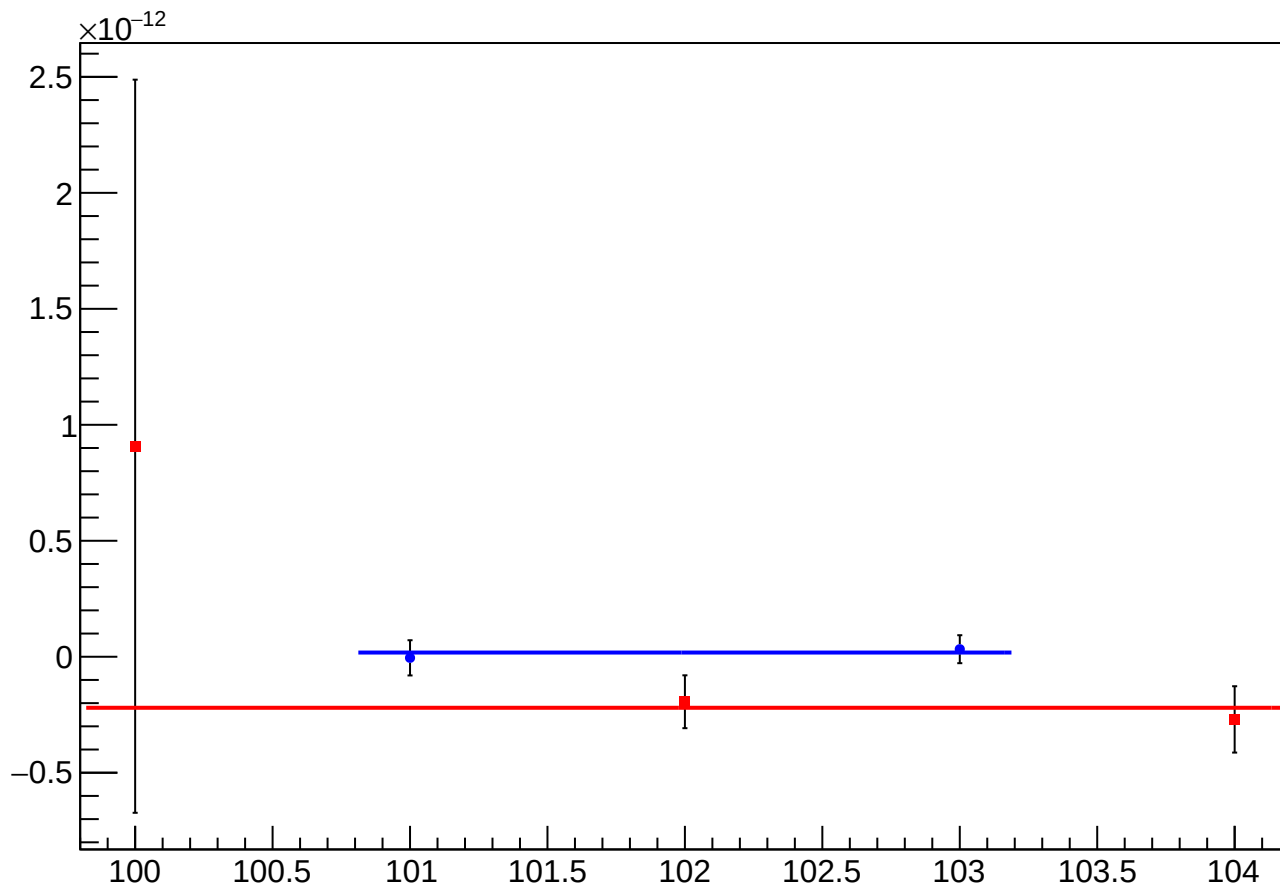
Right: 4062.946+/-1.908 χ^2/NDF : 294118.2/4

In: 4270.178+/-2.780 χ^2/NDF : 156517.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4062.946+/-1.908 χ^2/NDF : 294118.2/4

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 : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

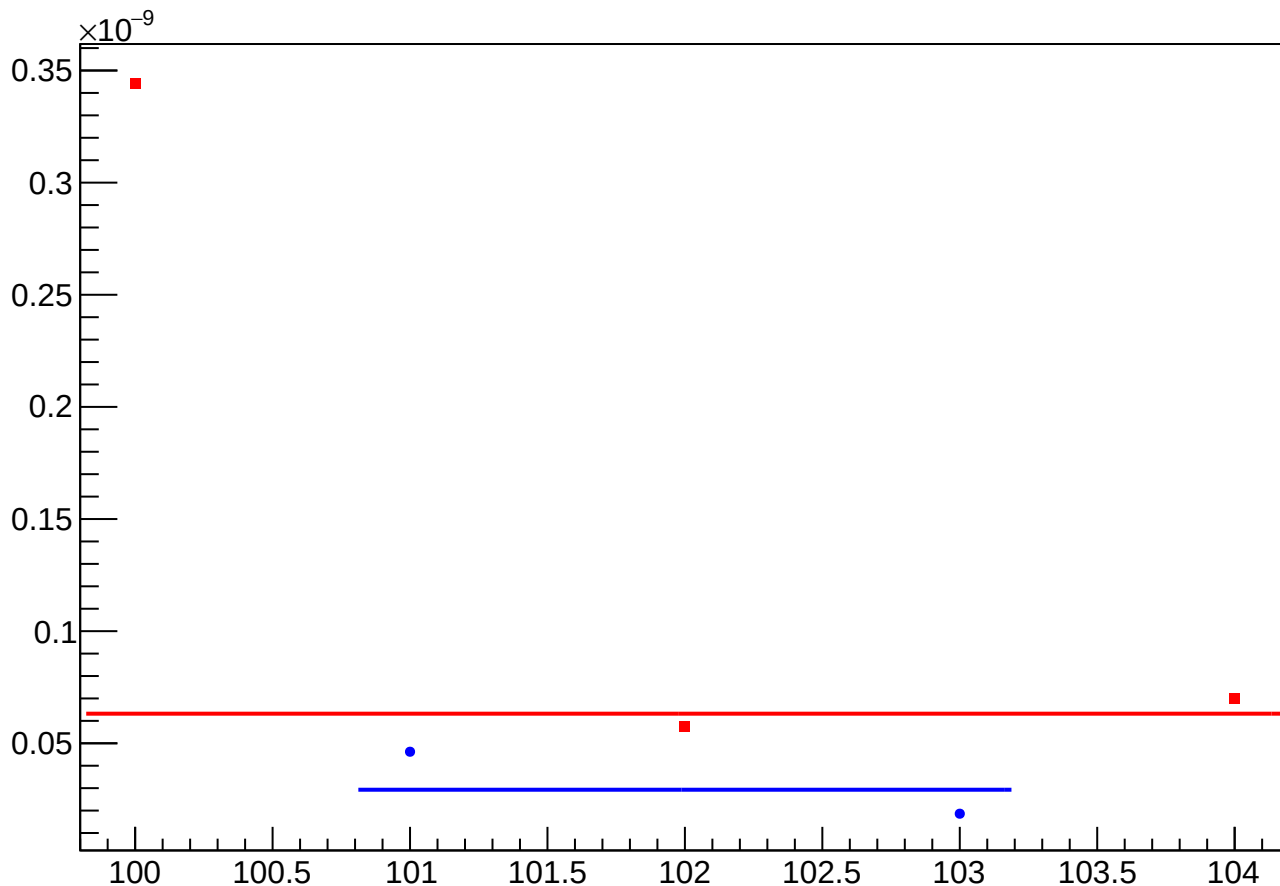
Right: -0.000+/-0.000 χ^2/NDF : 6.4/4

In: 0.000+/-0.000 χ^2/NDF : 0.1/1

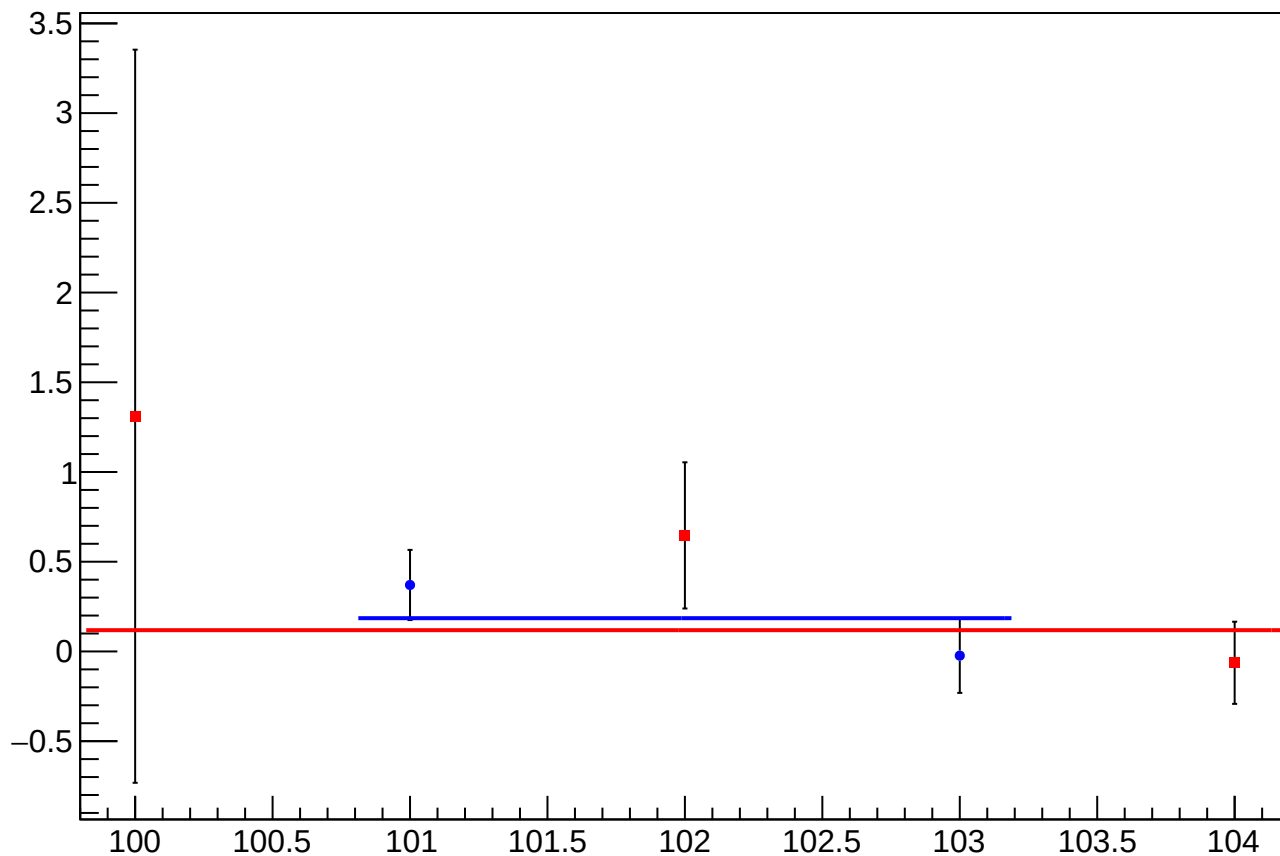
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.4/4

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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: 0.119+/-0.199 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

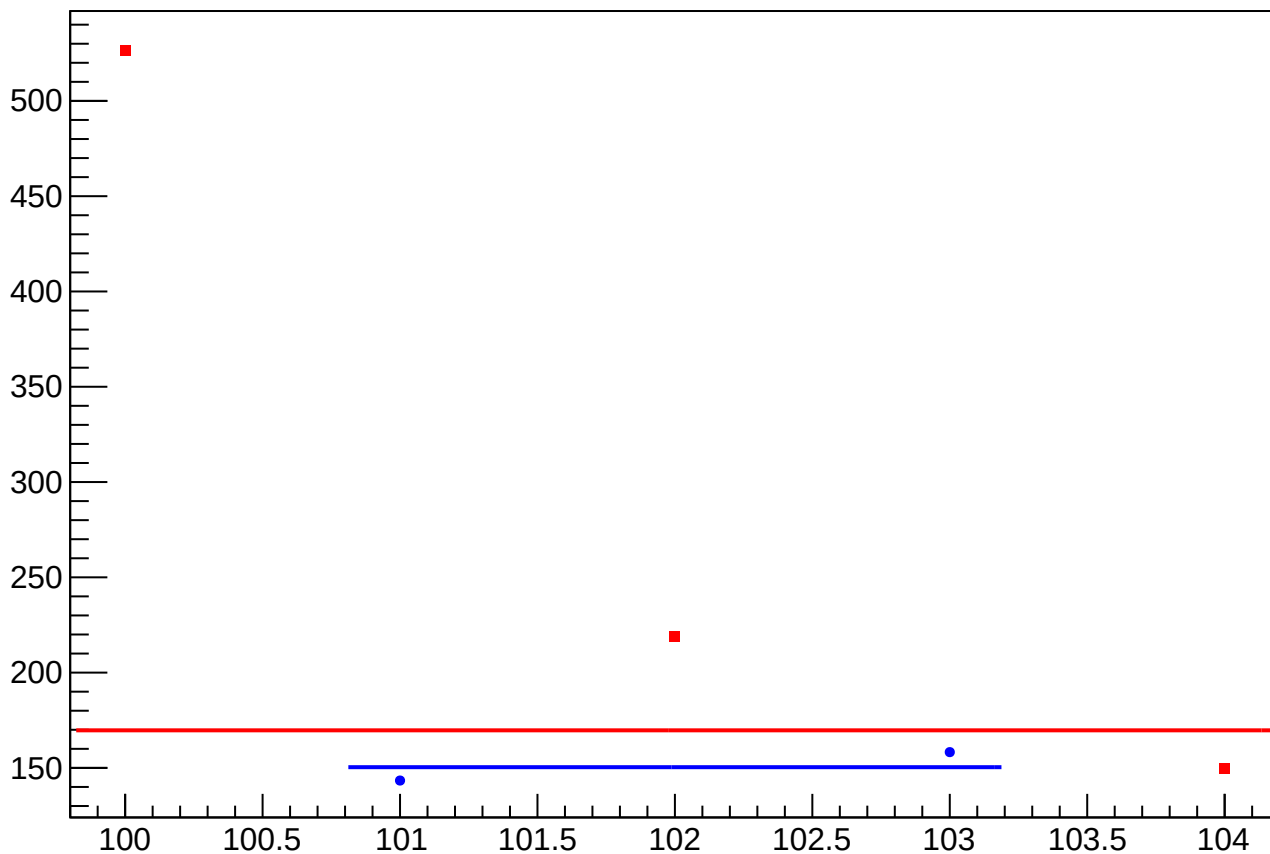
Right: 0.163+/-0.116 χ^2/NDF : 4.6/4

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.116 χ^2/NDF : 4.6/4

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.713+/-0.140 χ^2/NDF : 105389.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

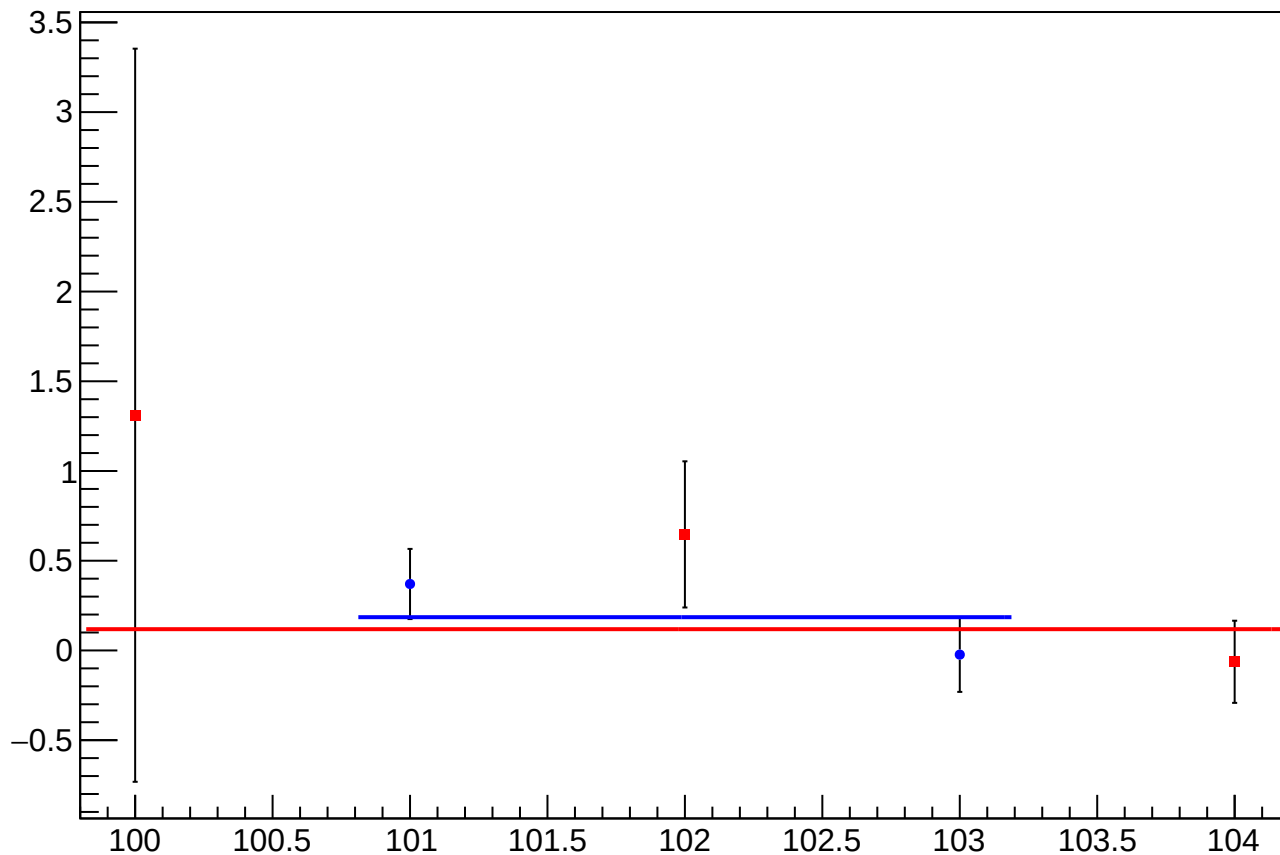
Right: 156.936+/-0.082 χ^2/NDF : 123385.0/4

In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.936+/-0.082 χ^2/NDF : 123385.0/4

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: 0.119+/-0.199 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

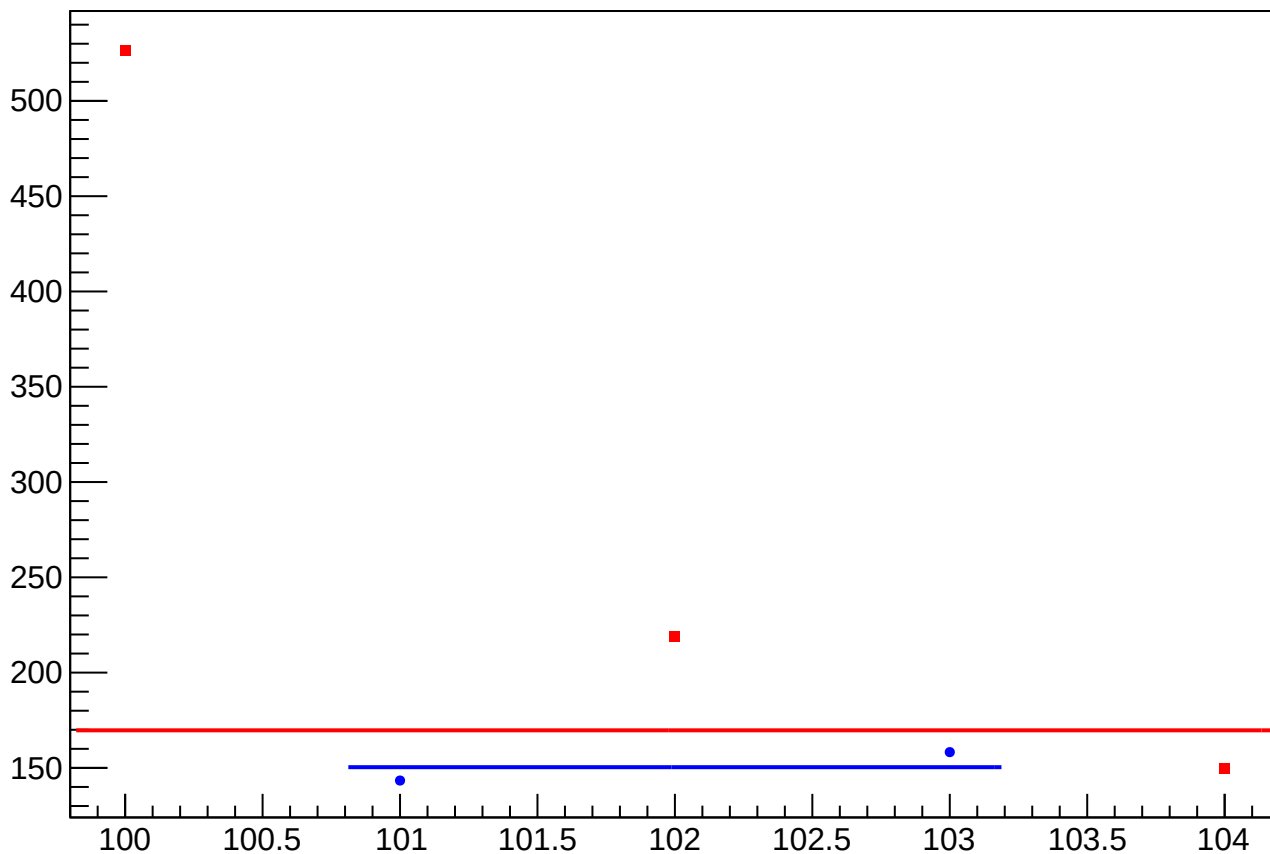
Right: 0.163+/-0.116 χ^2/NDF : 4.6/4

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.116 χ^2/NDF : 4.6/4

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.713+/-0.140 χ^2/NDF : 105389.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

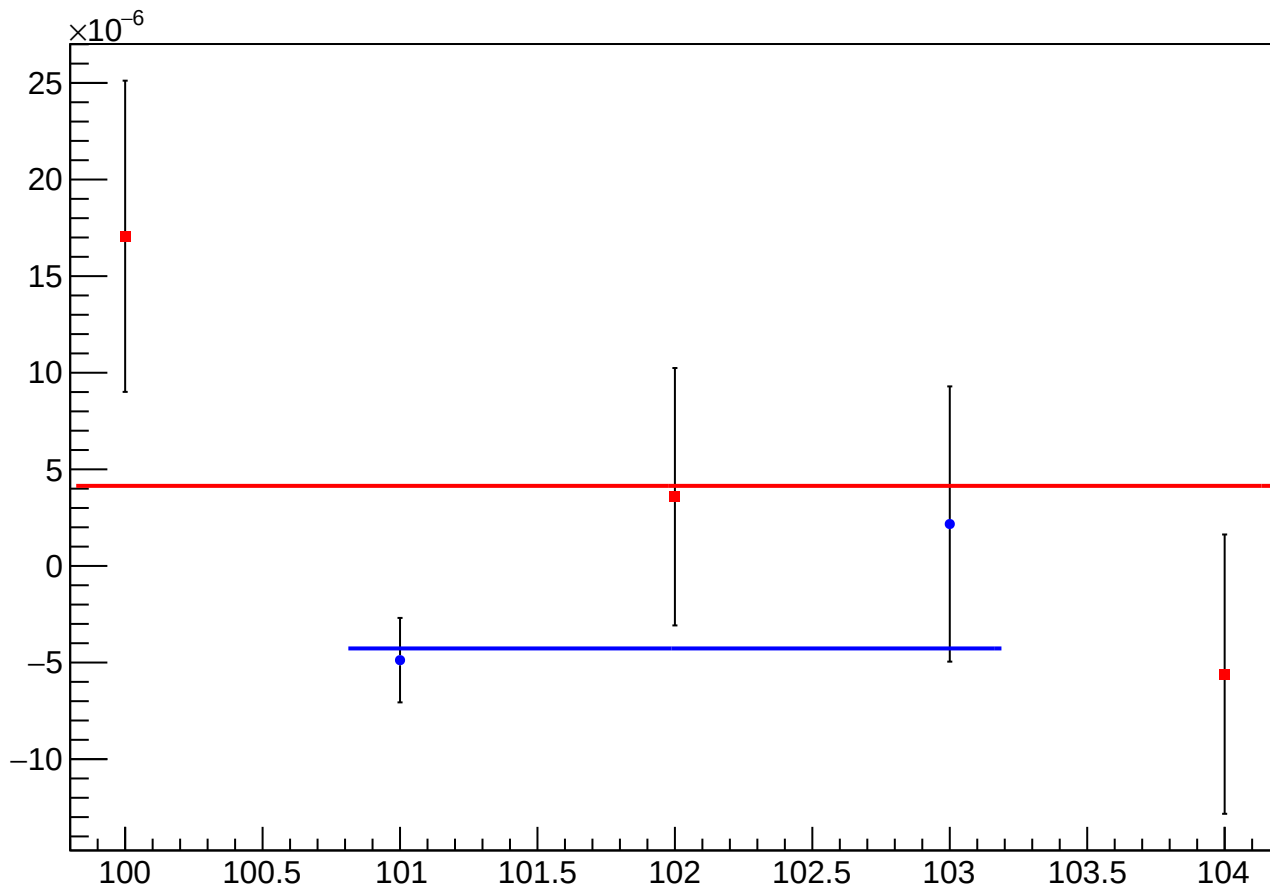
Right: 156.936+/-0.082 χ^2/NDF : 123385.0/4

In: 150.374+/-0.101 χ^2/NDF : 5466.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.936+/-0.082 χ^2/NDF : 123385.0/4

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 : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

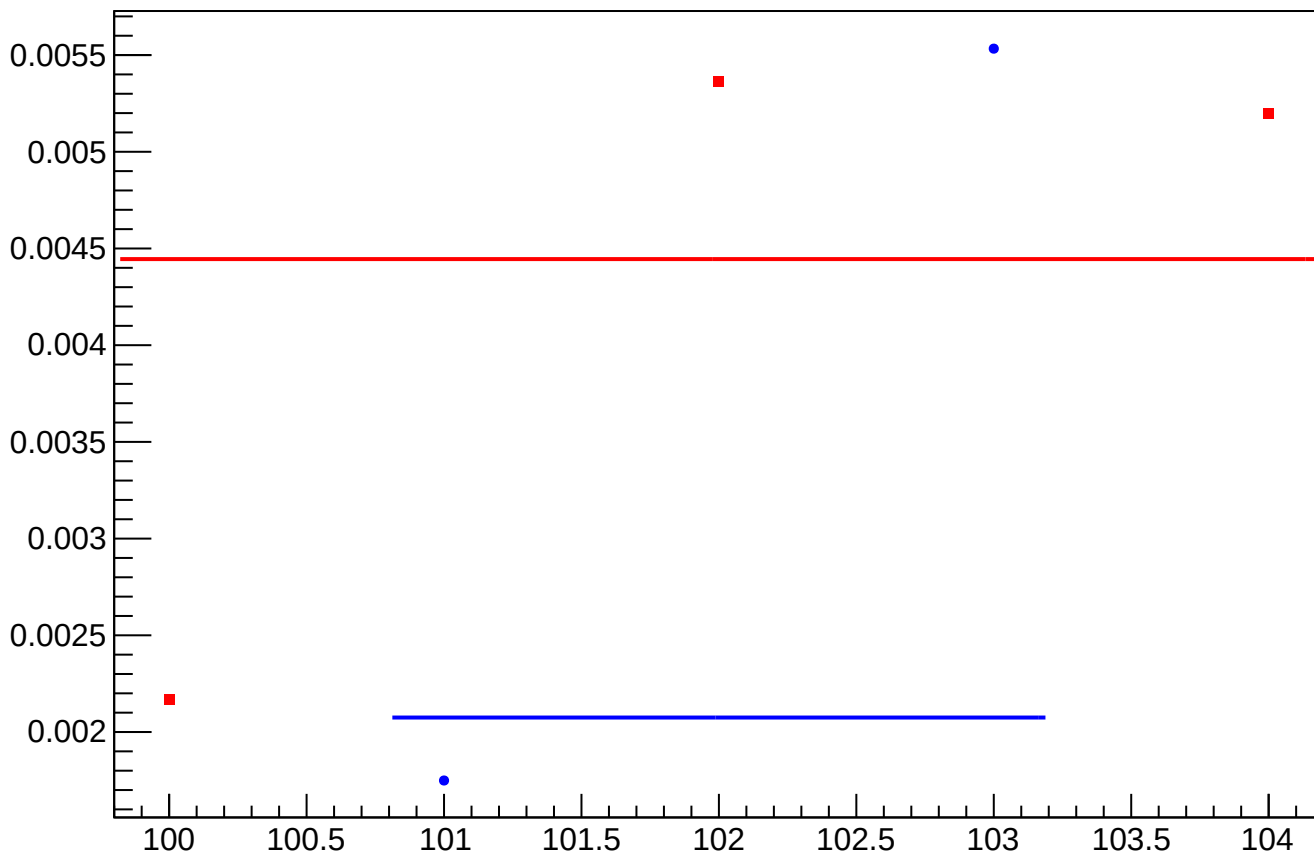
Right: -0.000+/-0.000 χ^2/NDF : 8.5/4

In: -0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.5/4

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 : 219669.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

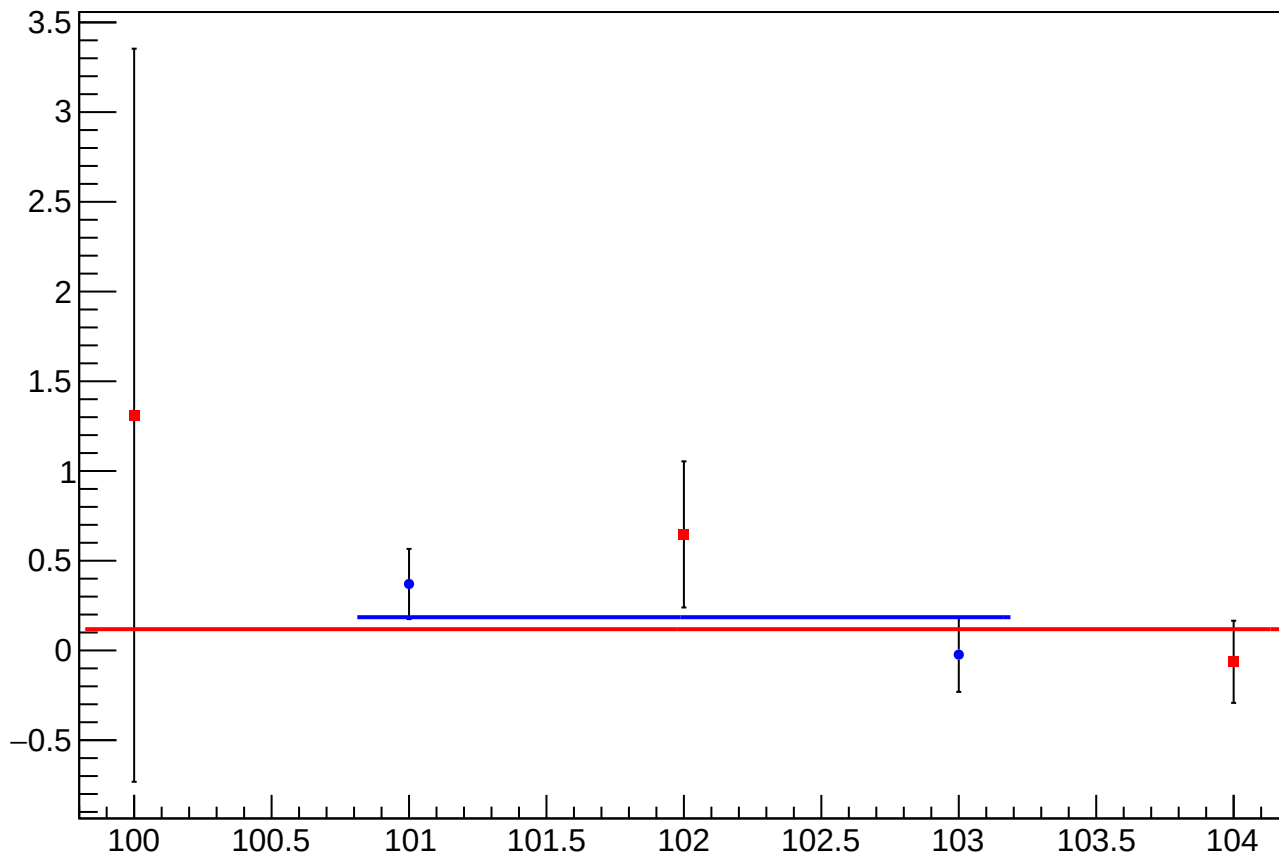
Right: 0.003+/-0.000 χ^2/NDF : 1249004.3/4

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 : 1249004.3/4

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: 0.119+/-0.199 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

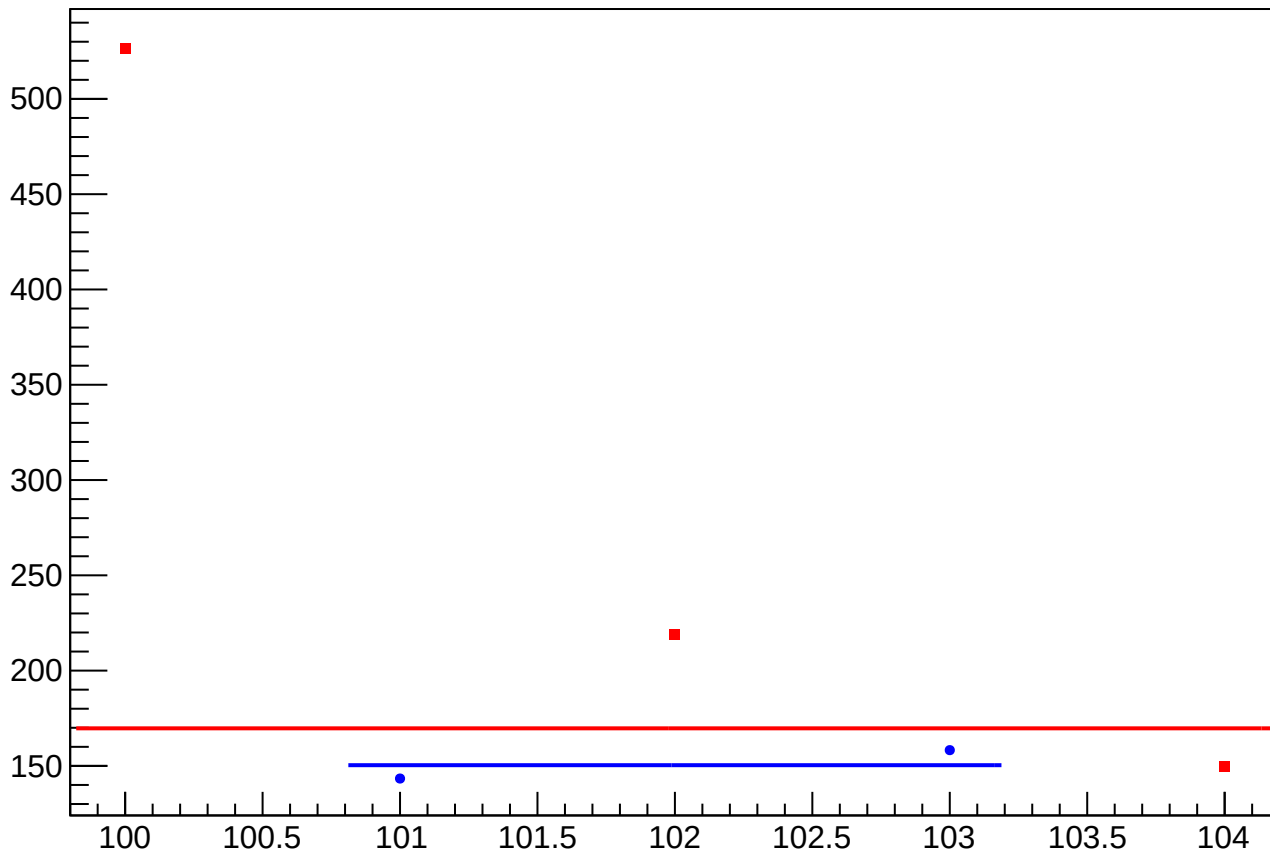
Right: 0.163+/-0.116 χ^2/NDF : 4.6/4

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.116 χ^2/NDF : 4.6/4

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: 169.708+/-0.140 χ^2/NDF : 105390.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

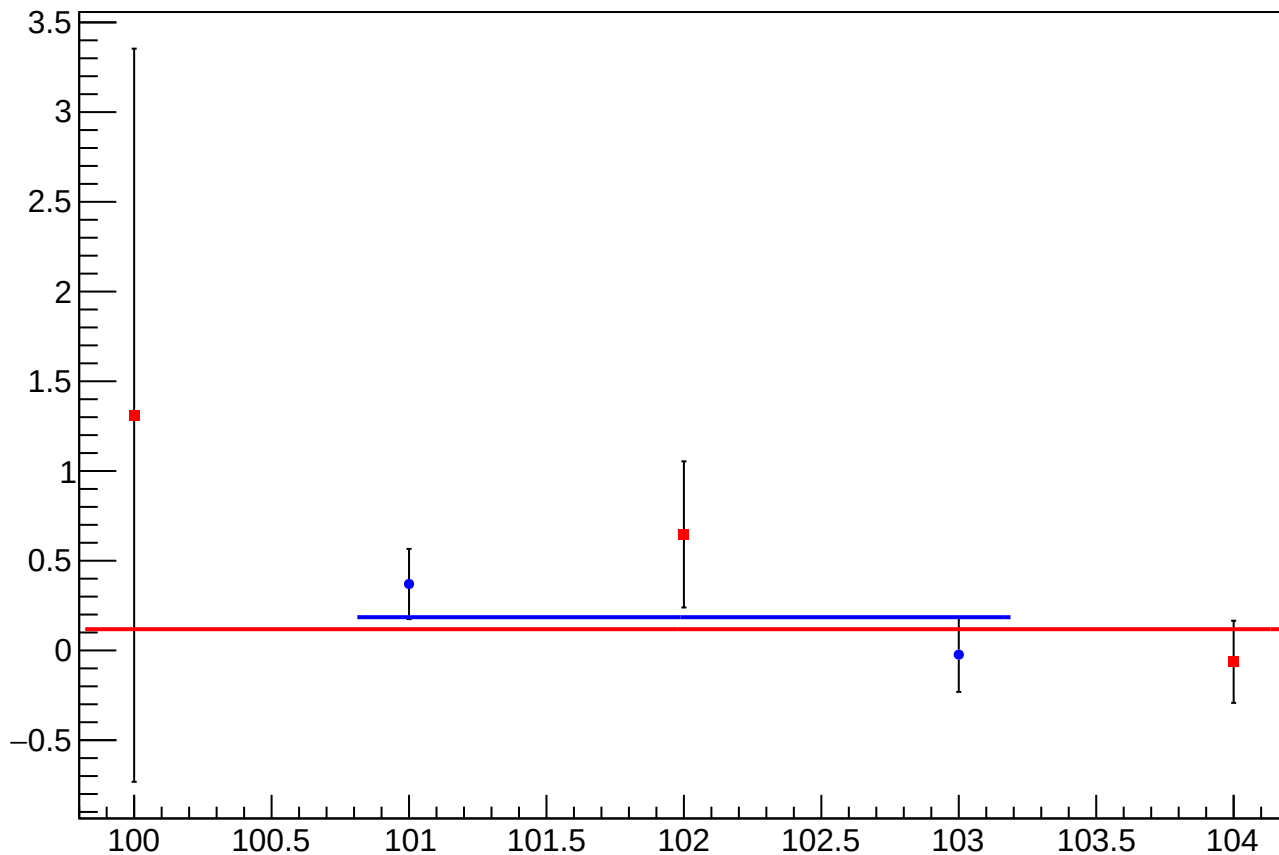
Right: 156.933+/-0.082 χ^2/NDF : 123379.2/4

In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.933+/-0.082 χ^2/NDF : 123379.2/4

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: 0.119+/-0.199 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

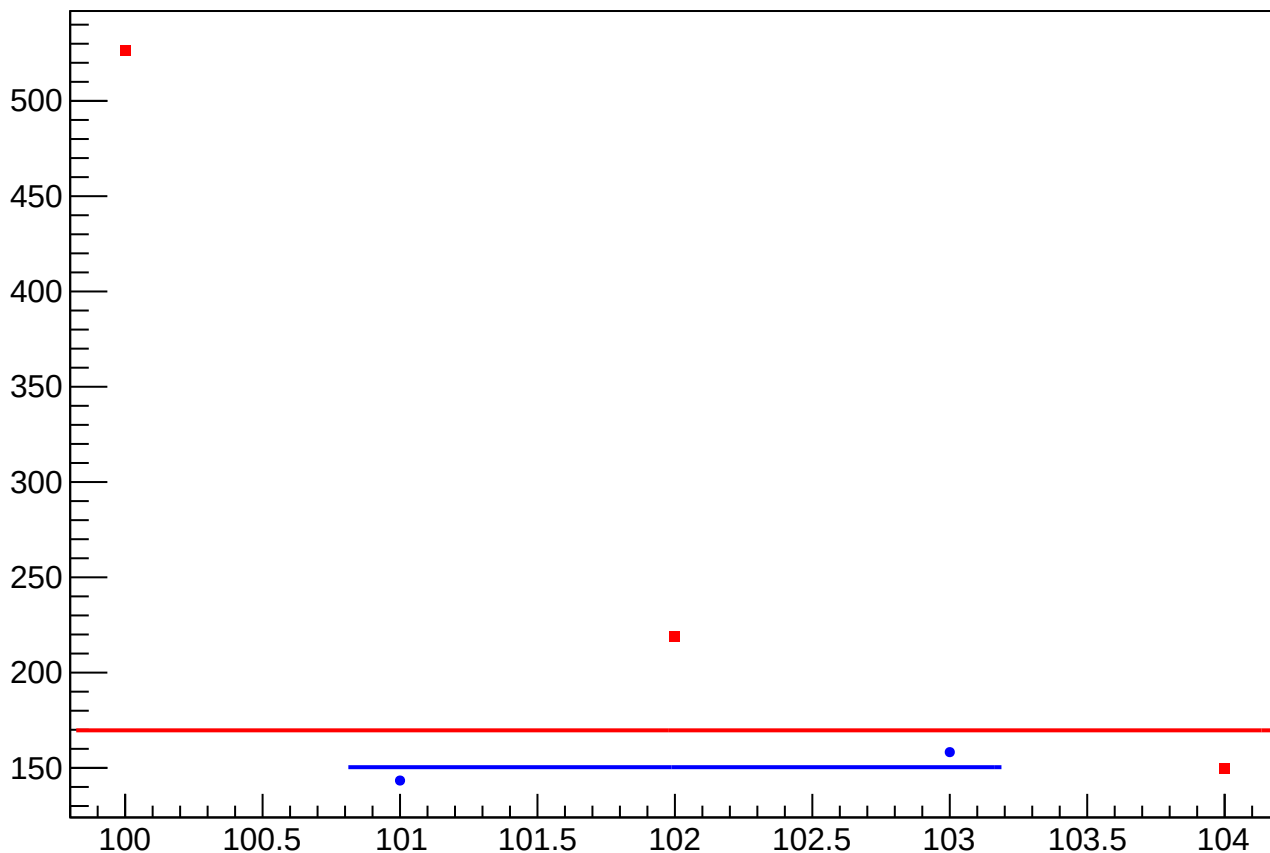
Right: 0.163+/-0.116 χ^2/NDF : 4.6/4

In: 0.185+/-0.142 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.163+/-0.116 χ^2/NDF : 4.6/4

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.708+/-0.140 χ^2/NDF : 105390.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

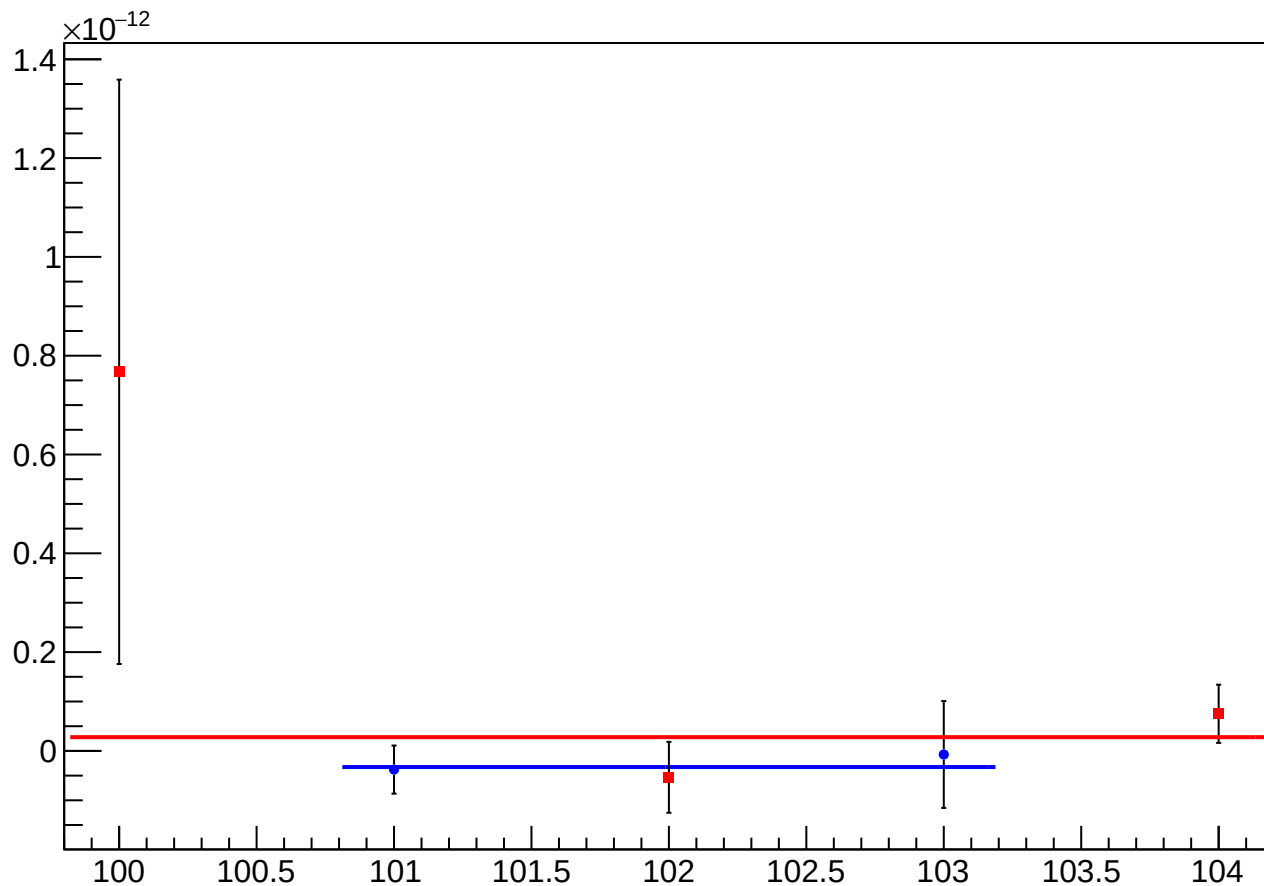
Right: 156.933+/-0.082 χ^2/NDF : 123379.2/4

In: 150.373+/-0.101 χ^2/NDF : 5463.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.933+/-0.082 χ^2/NDF : 123379.2/4

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 : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

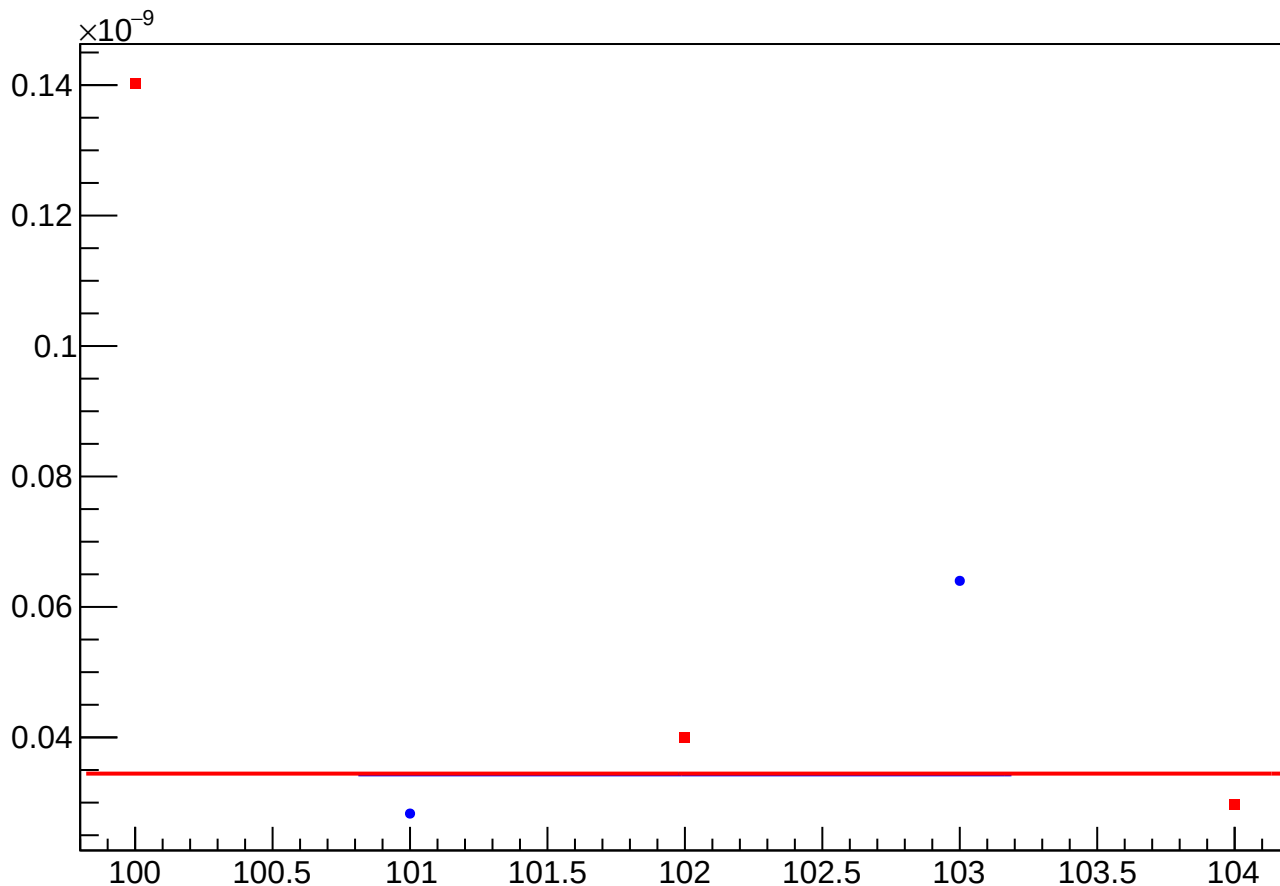
Right: -0.000+/-0.000 χ^2/NDF : 4.5/4

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 : 4.5/4

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 : 89088.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

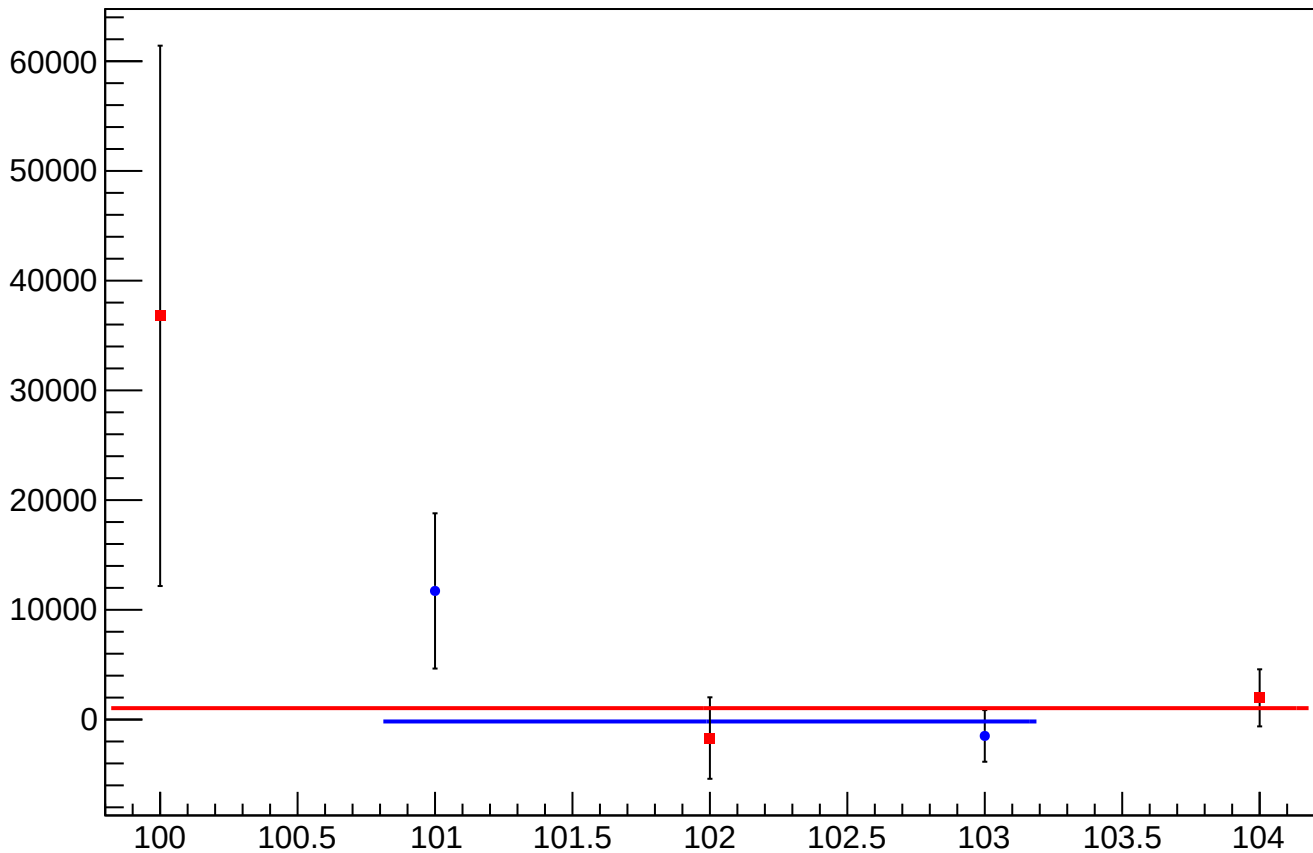
Right: 0.000+/-0.000 χ^2/NDF : 270108.6/4

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 : 270108.6/4

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: 1038.163+/-2122.409 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

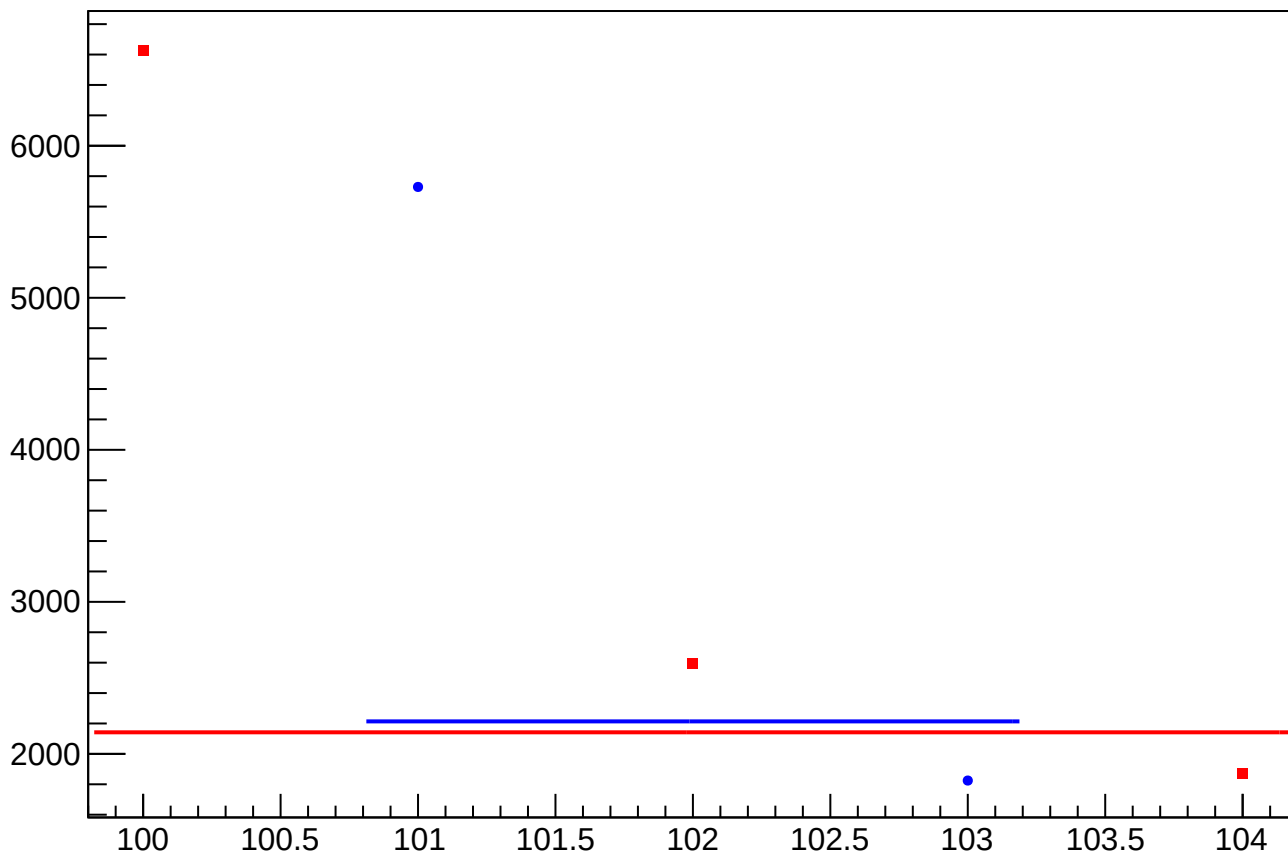
Right: 461.814+/-1538.548 χ^2/NDF : 6.1/4

In: -176.455+/-2233.513 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.814+/-1538.548 χ^2/NDF : 6.1/4

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: 2141.868+/-1.501 χ^2/NDF : 117443.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

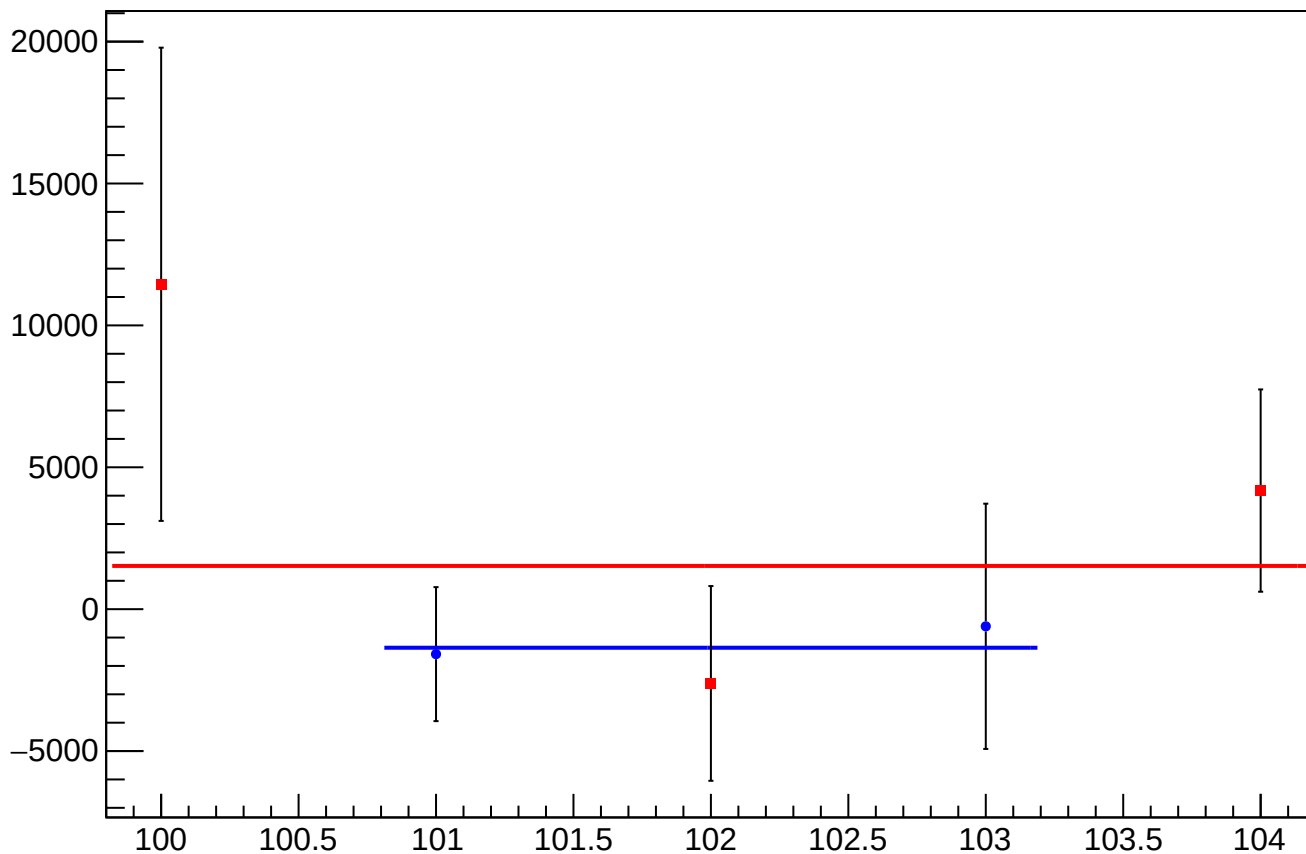
Right: 2175.974+/-1.088 χ^2/NDF : 666964.4/4

In: 2213.746+/-1.579 χ^2/NDF : 548432.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.974+/-1.088 χ^2/NDF : 666964.4/4

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: 1524.372 $\pm$ 2369.925 χ^2 /NDF: 3.4/2

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

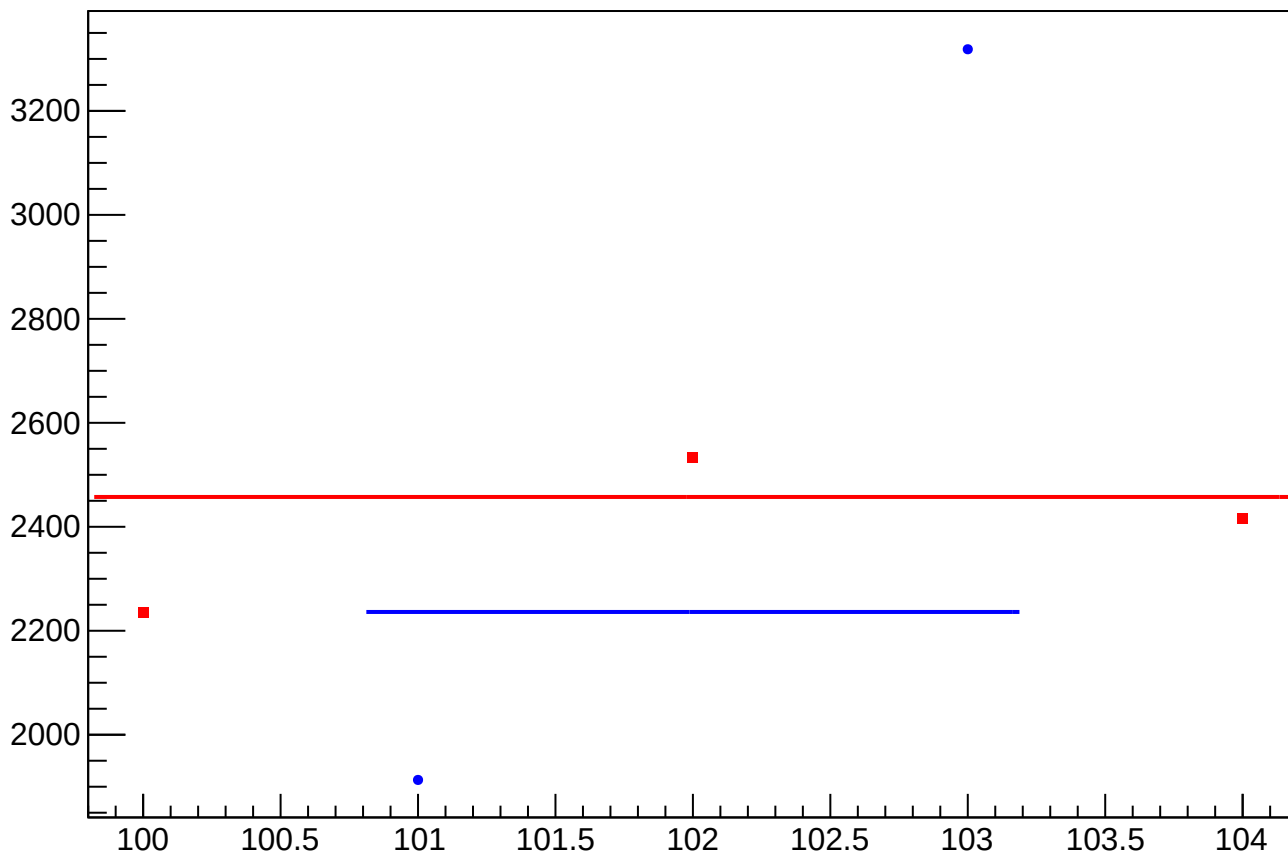
Right: -109.711 $\pm$ 1559.820 χ^2 /NDF: 4.3/4

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: -109.711 $\pm$ 1559.820 χ^2 /NDF: 4.3/4

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: 2457.383+/-1.676 χ^2/NDF : 2668.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

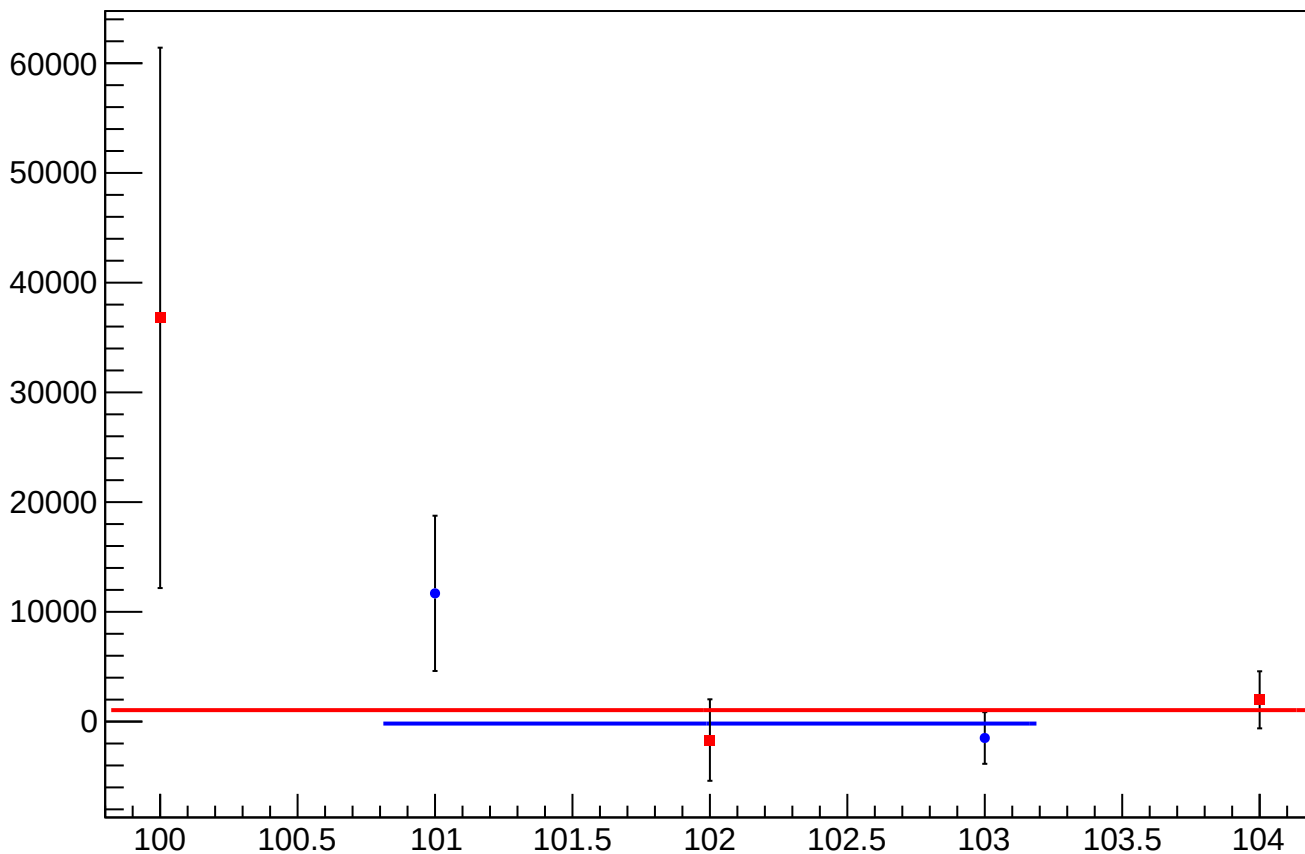
Right: 2331.995+/-1.103 χ^2/NDF : 175498.1/4

In: 2236.166+/-1.465 χ^2/NDF : 162952.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.995+/-1.103 χ^2/NDF : 175498.1/4

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: 1042.271+/-2122.411 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

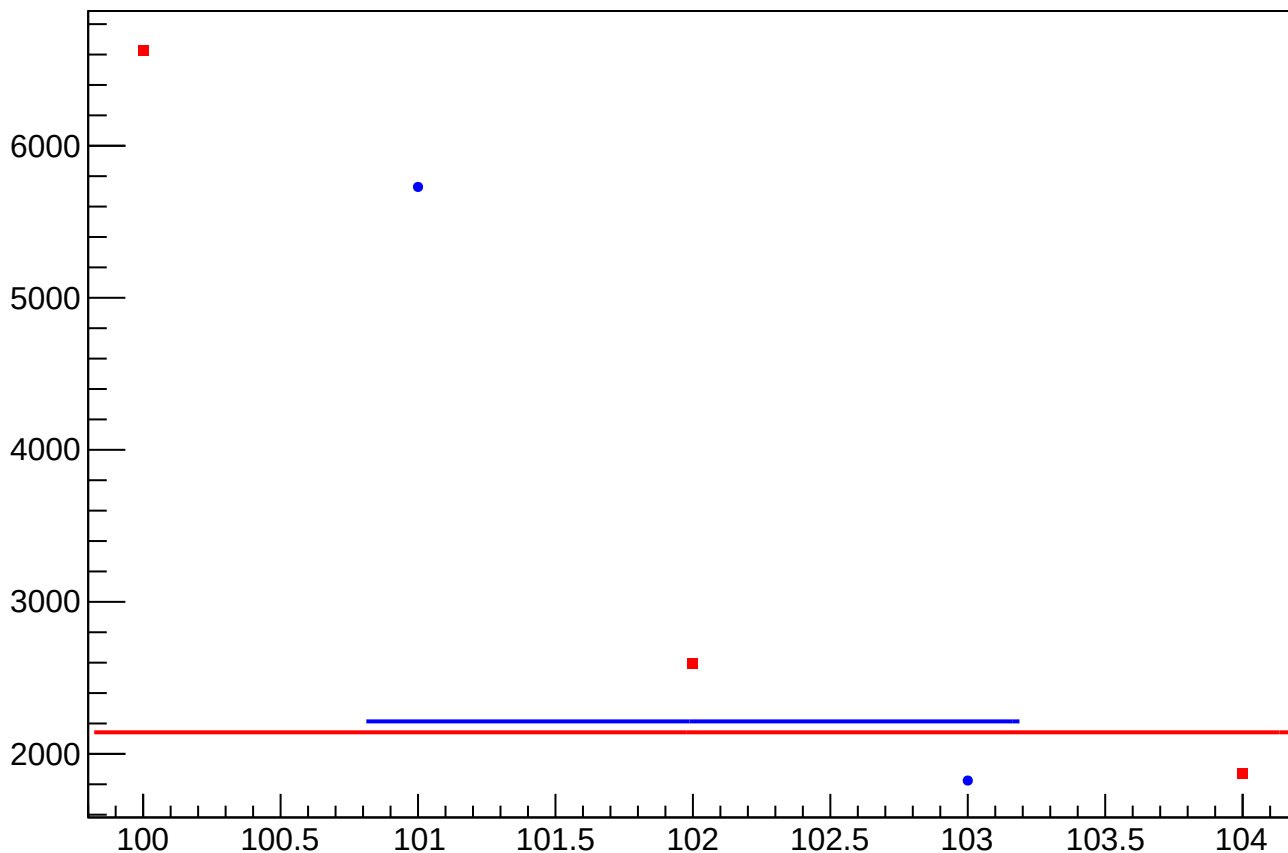
Right: 461.307+/-1538.551 χ^2/NDF : 6.1/4

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.307+/-1538.551 χ^2/NDF : 6.1/4

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: 2141.868+/-1.501 χ^2/NDF : 117441.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

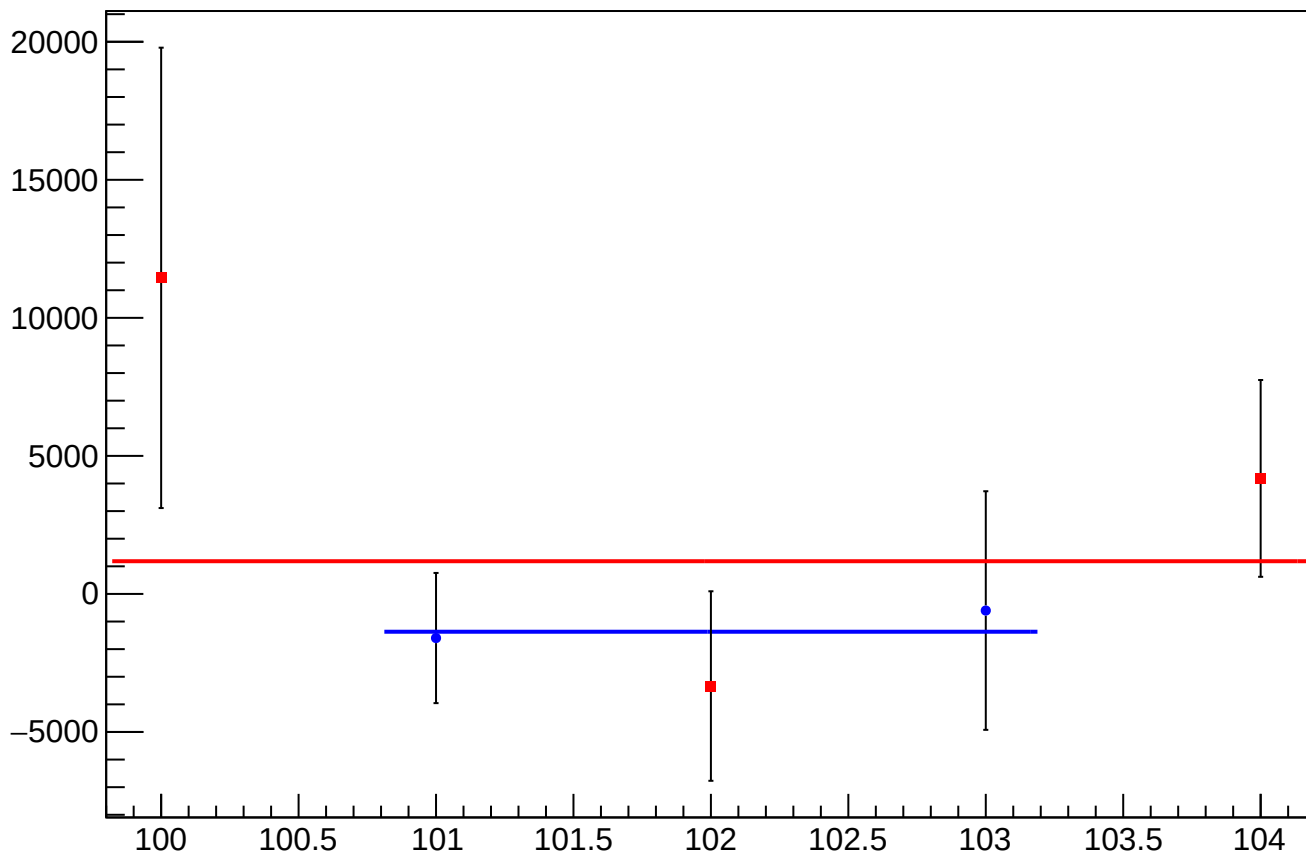
Right: 2175.975+/-1.088 χ^2/NDF : 666962.9/4

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.975+/-1.088 χ^2/NDF : 666962.9/4

asym_us_dd_at1lr_dd_dd_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: 1184.782+/-2370.326 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

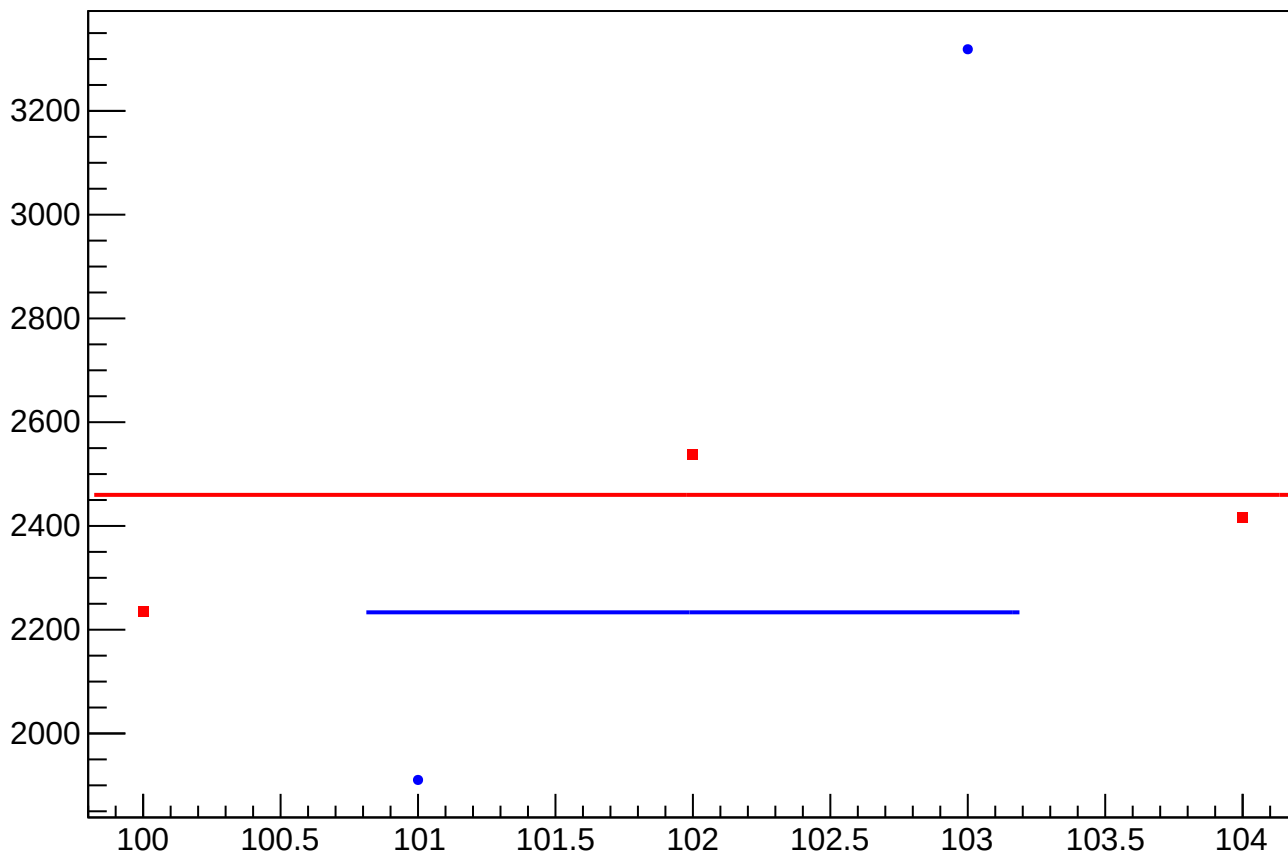
Right: -264.427+/-1559.027 χ^2/NDF : 4.7/4

In: -1369.360+/-2069.716 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.427+/-1559.027 χ^2/NDF : 4.7/4

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: 2459.907+/-1.676 χ^2/NDF : 2810.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

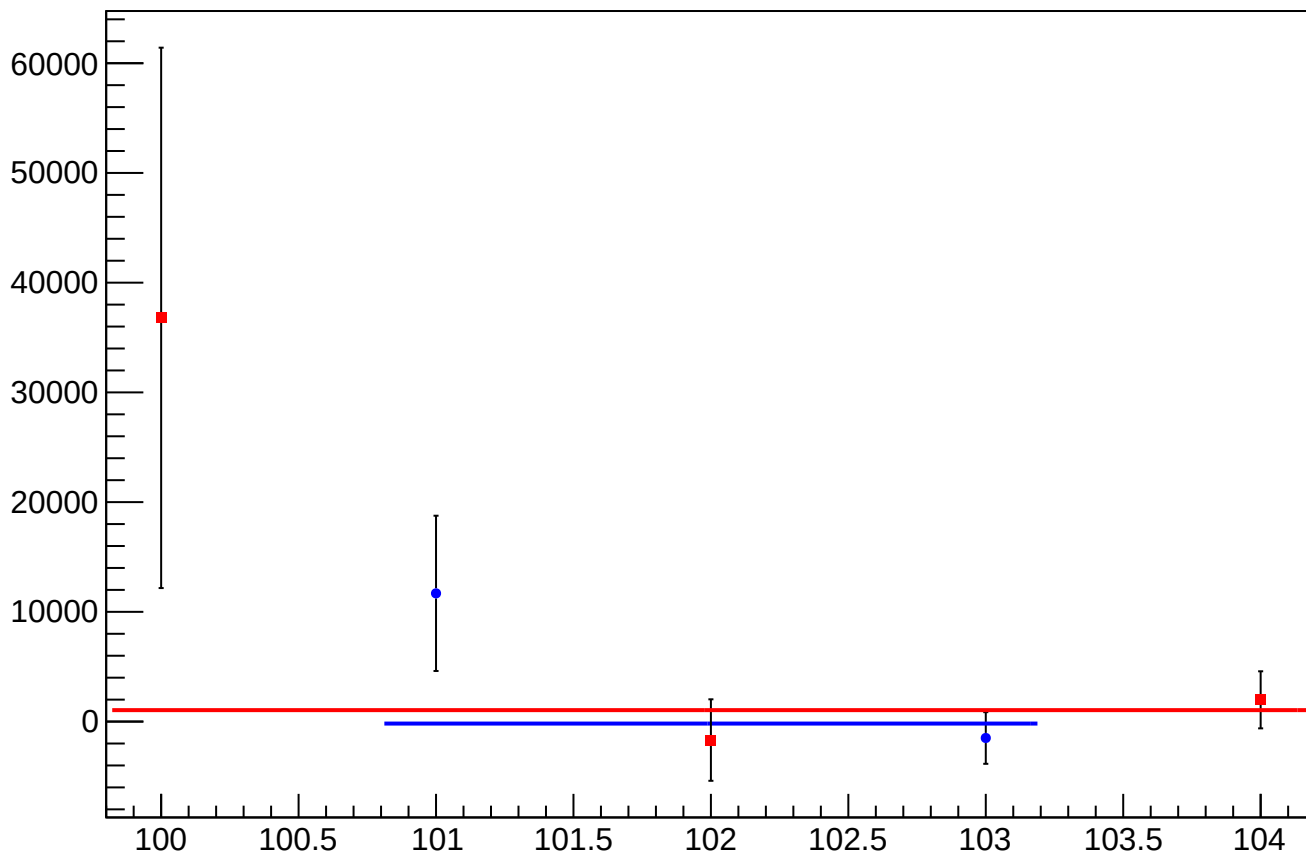
Right: 2331.441+/-1.102 χ^2/NDF : 176869.6/4

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.441+/-1.102 χ^2/NDF : 176869.6/4

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: 1042.271+/-2122.411 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

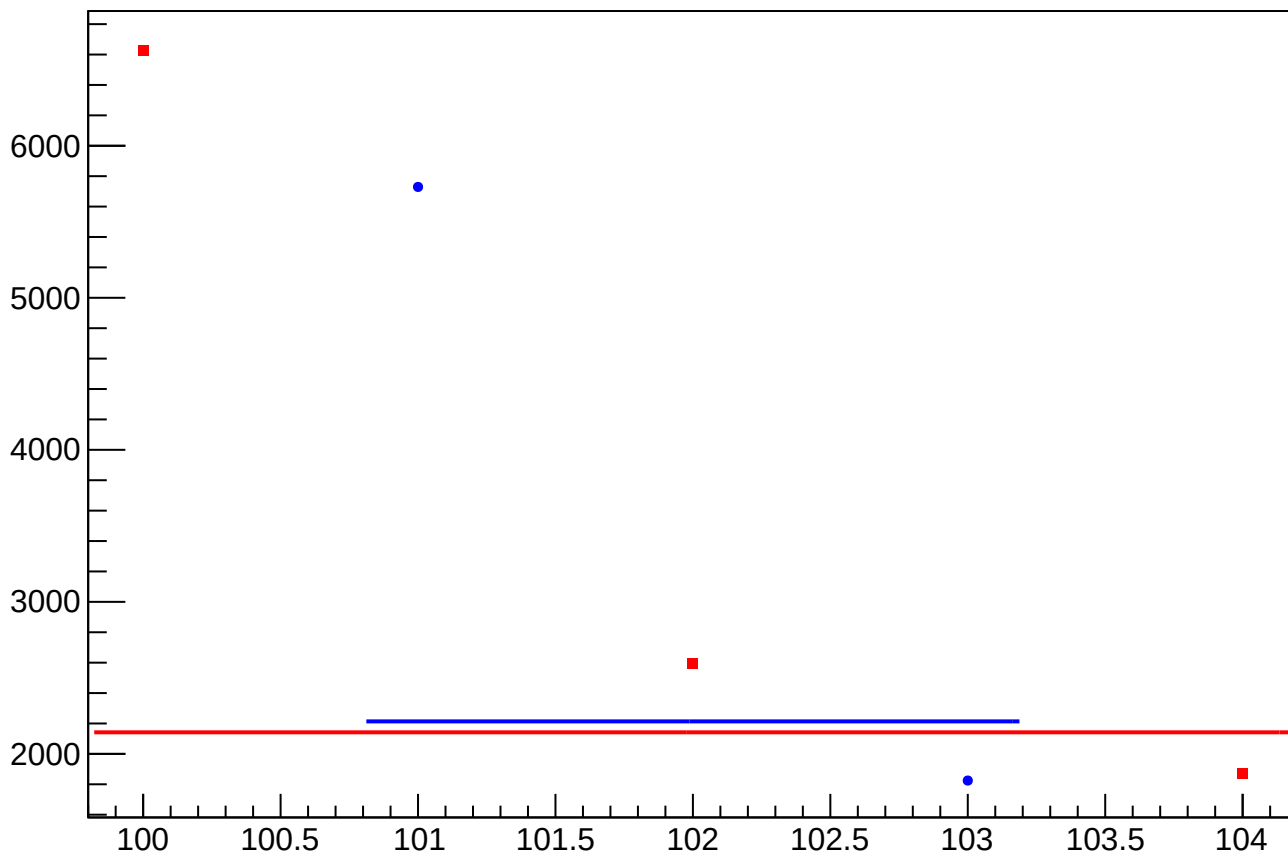
Right: 461.307+/-1538.551 χ^2/NDF : 6.1/4

In: -182.074+/-2233.517 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.307+/-1538.551 χ^2/NDF : 6.1/4

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: 2141.868+/-1.501 χ^2/NDF : 117441.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

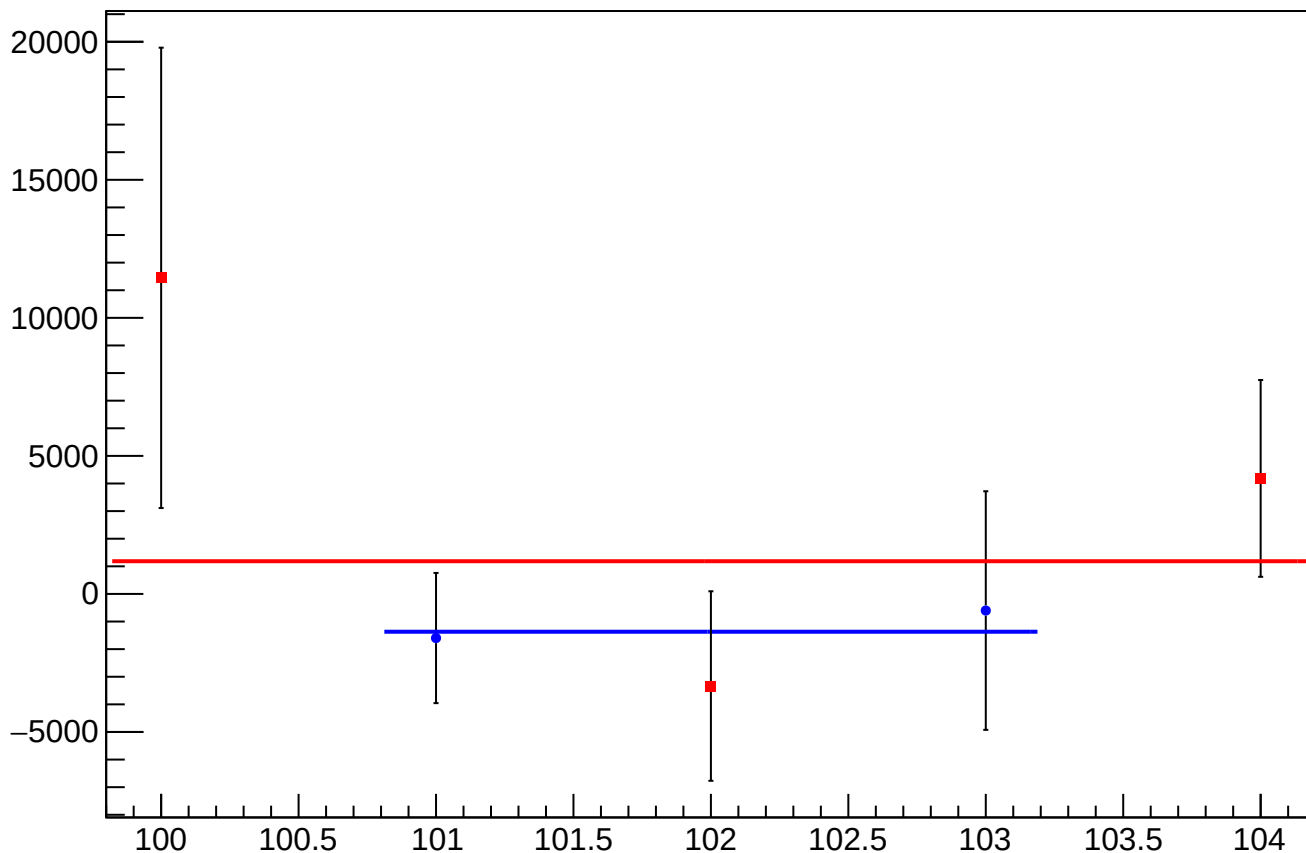
Right: 2175.975+/-1.088 χ^2/NDF : 666962.9/4

In: 2213.747+/-1.579 χ^2/NDF : 548432.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.975+/-1.088 χ^2/NDF : 666962.9/4

asym_us_dd_at1lr_dd_dd_eigen_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: 1184.782 $\pm$ 2370.326 χ^2 /NDF: 4.0/2

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

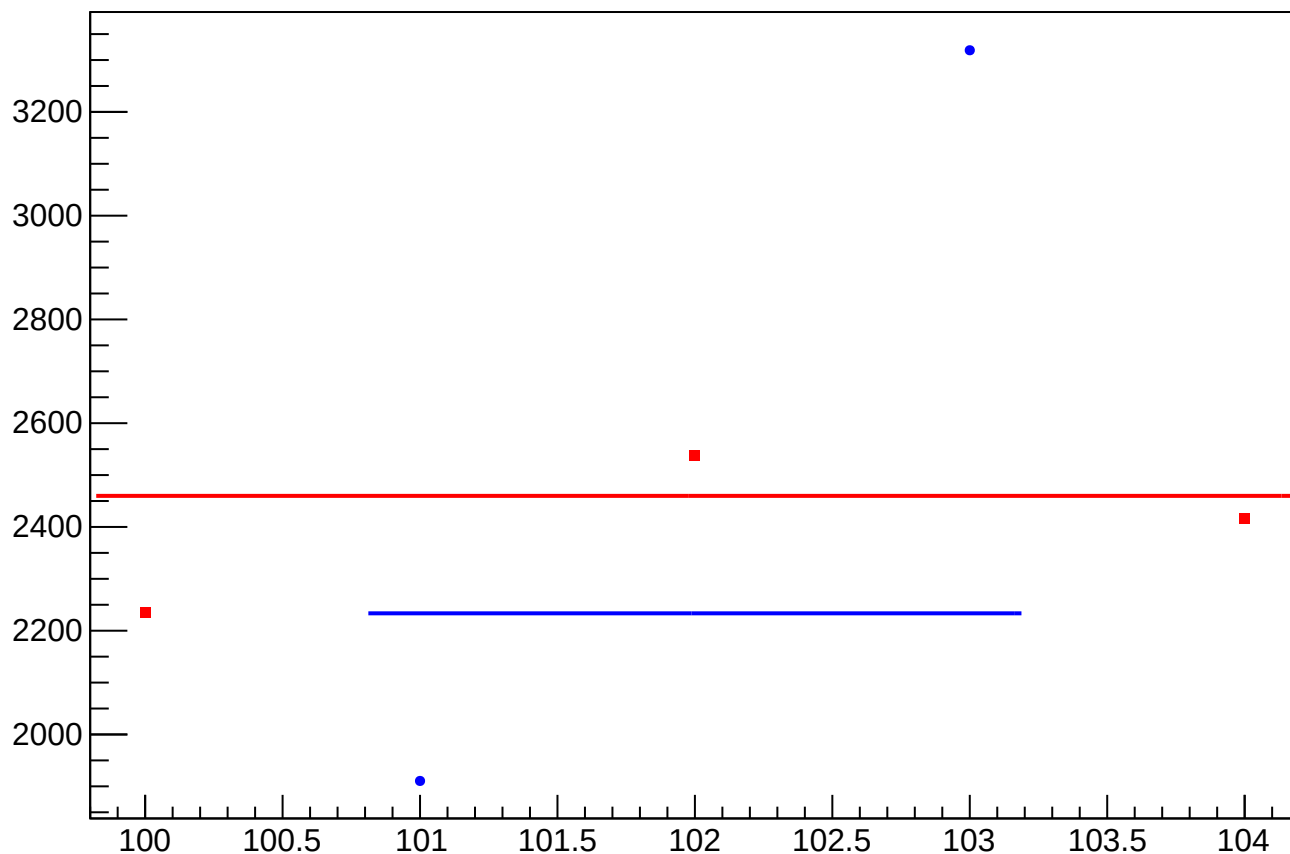
Right: -264.427 $\pm$ 1559.027 χ^2 /NDF: 4.7/4

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: -264.427 $\pm$ 1559.027 χ^2 /NDF: 4.7/4

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: 2459.907+/-1.676 χ^2/NDF : 2810.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

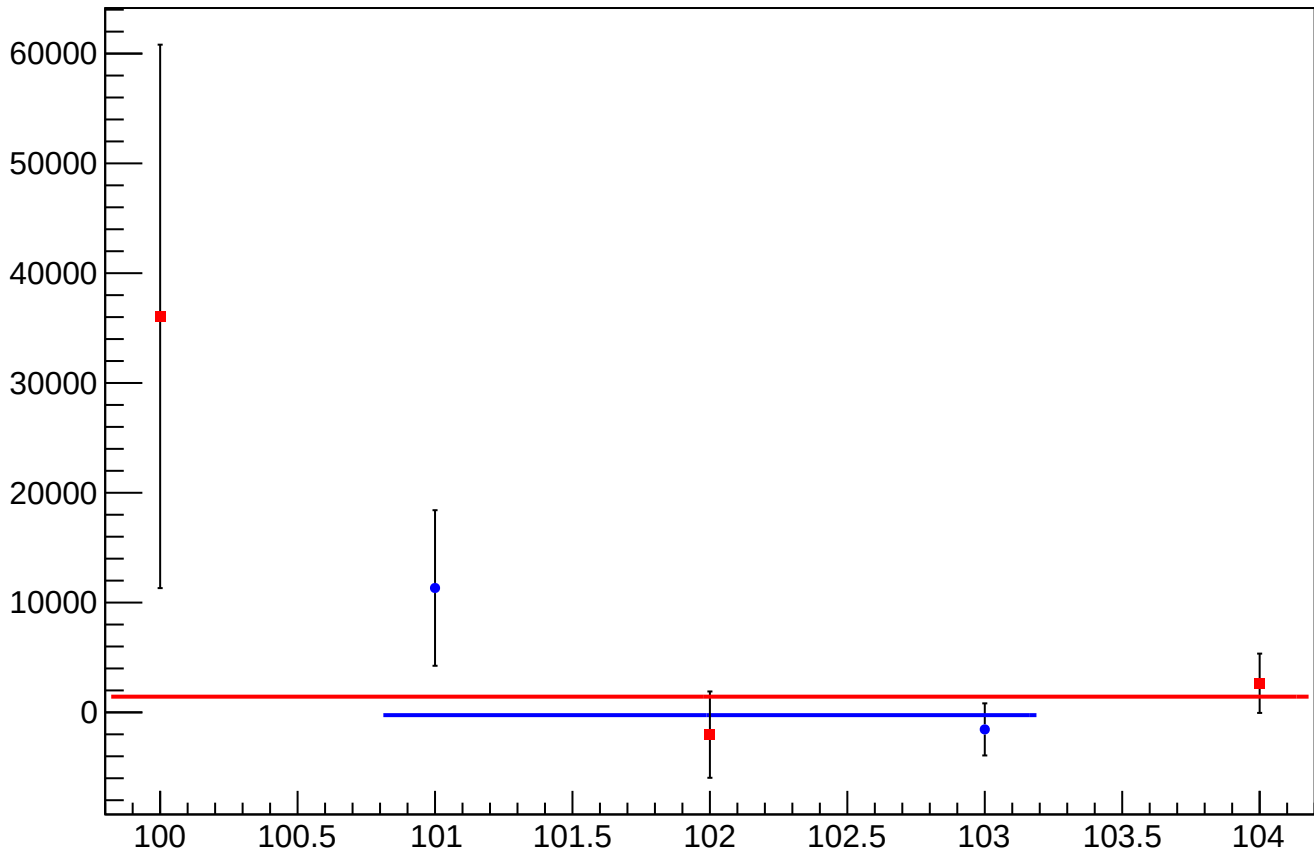
Right: 2331.441+/-1.102 χ^2/NDF : 176869.6/4

In: 2233.494+/-1.464 χ^2/NDF : 163705.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.441+/-1.102 χ^2/NDF : 176869.6/4

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: 1431.148+/-2216.853 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

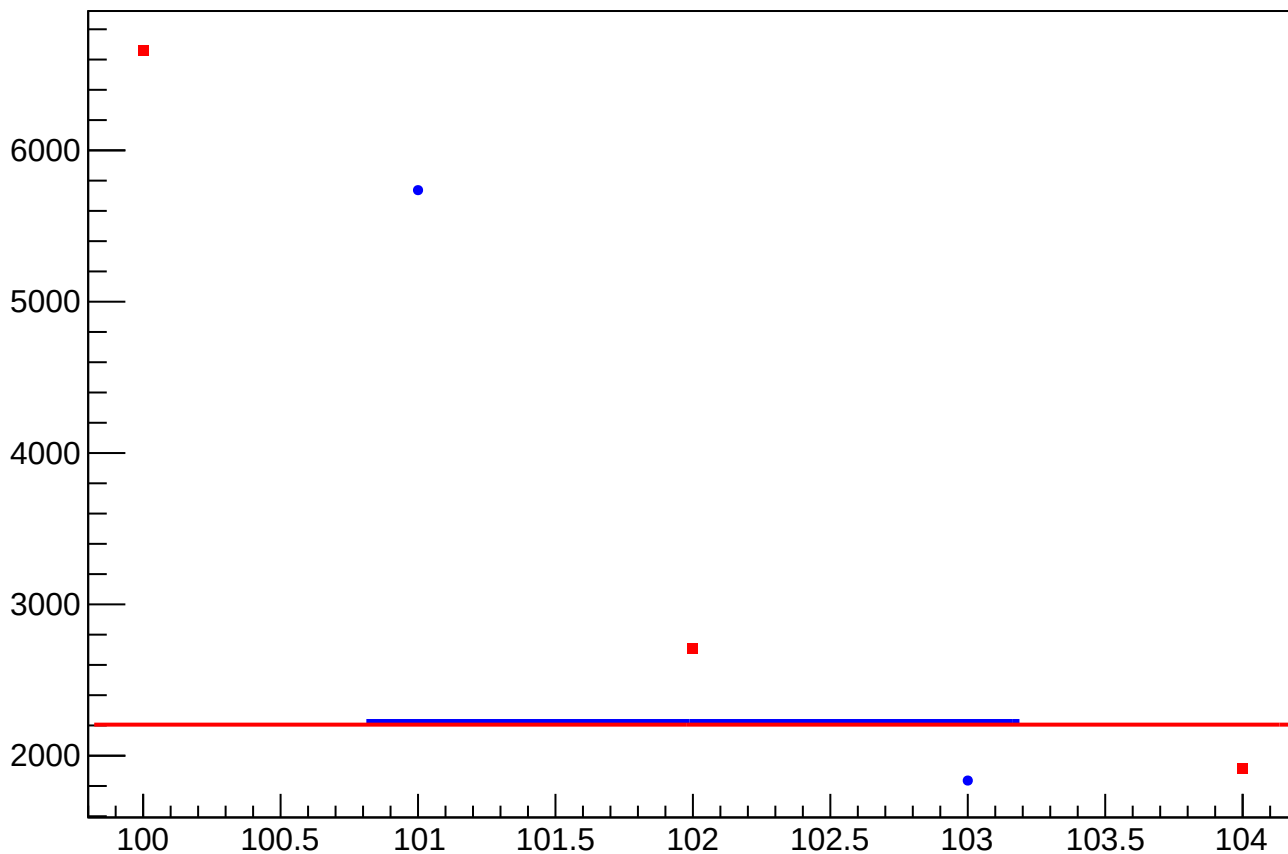
Right: 601.880+/-1579.074 χ^2/NDF : 6.2/4

In: -252.225+/-2249.808 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.880+/-1579.074 χ^2/NDF : 6.2/4

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: 2205.366+/-1.568 χ^2/NDF : 121235.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

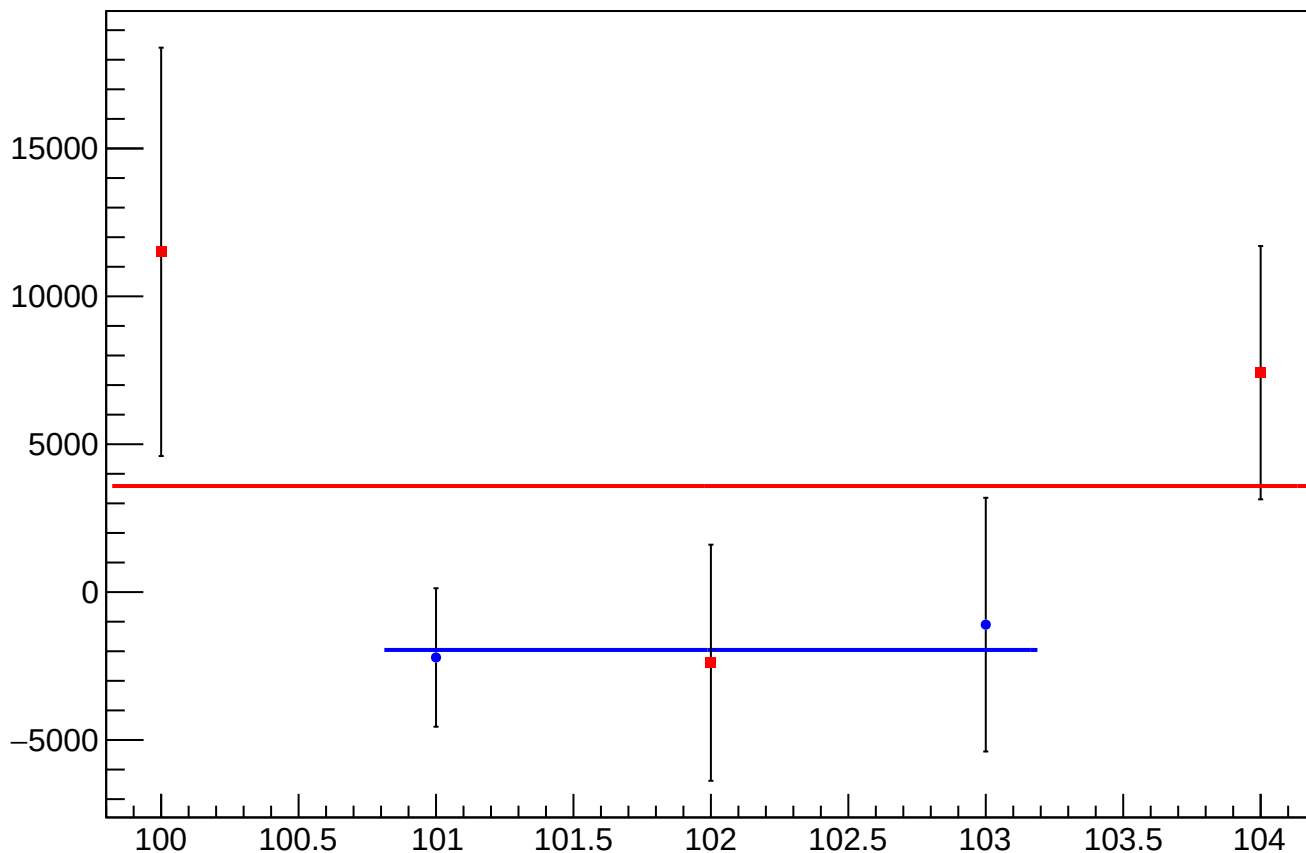
Right: 2217.185+/-1.117 χ^2/NDF : 666588.6/4

In: 2229.358+/-1.591 χ^2/NDF : 545237.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.185+/-1.117 χ^2/NDF : 666588.6/4

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: 3587.605 $\pm$ -2689.146 χ^2 /NDF: 4.4/2

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

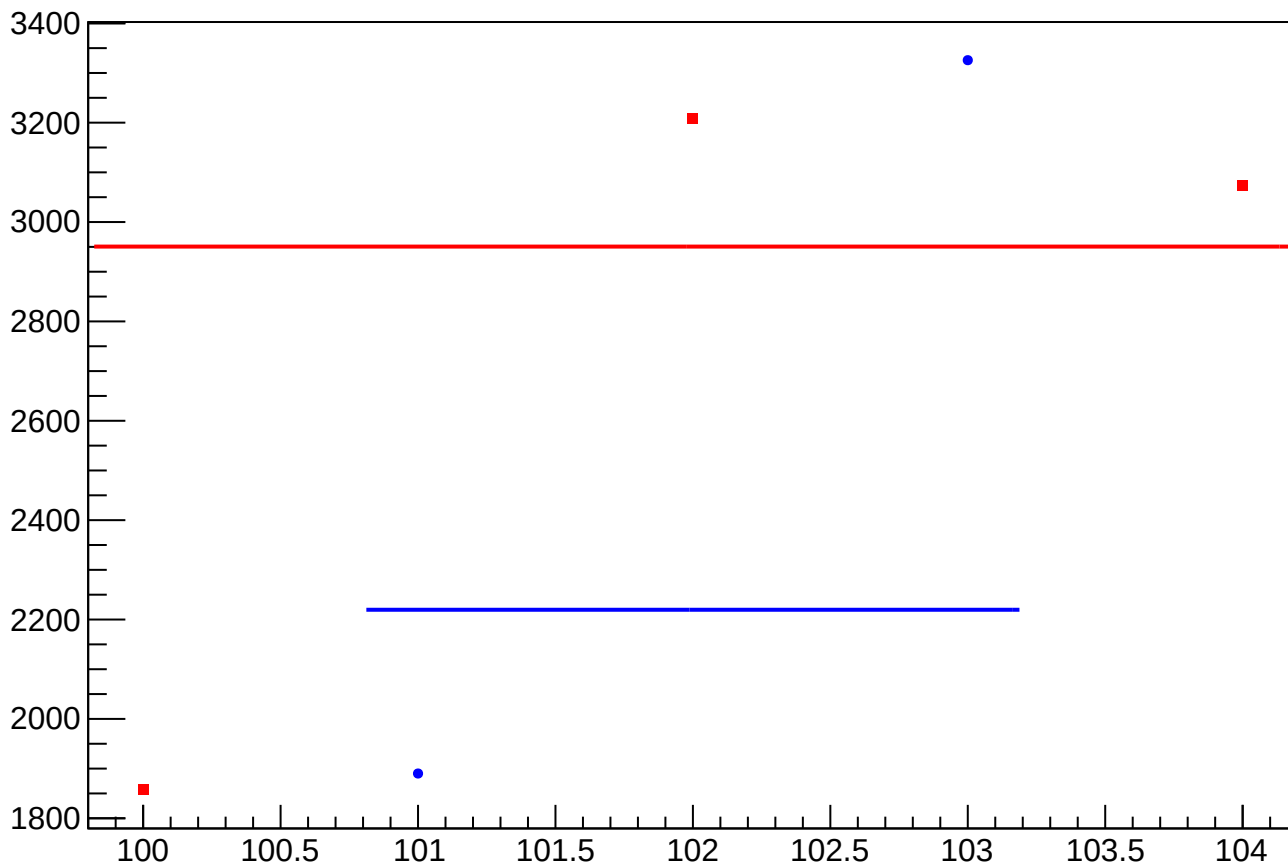
Right: 88.138 $\pm$ -1632.817 χ^2 /NDF: 7.1/4

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: 88.138 $\pm$ -1632.817 χ^2 /NDF: 7.1/4

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: 2950.599+/-1.902 χ^2/NDF : 60100.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

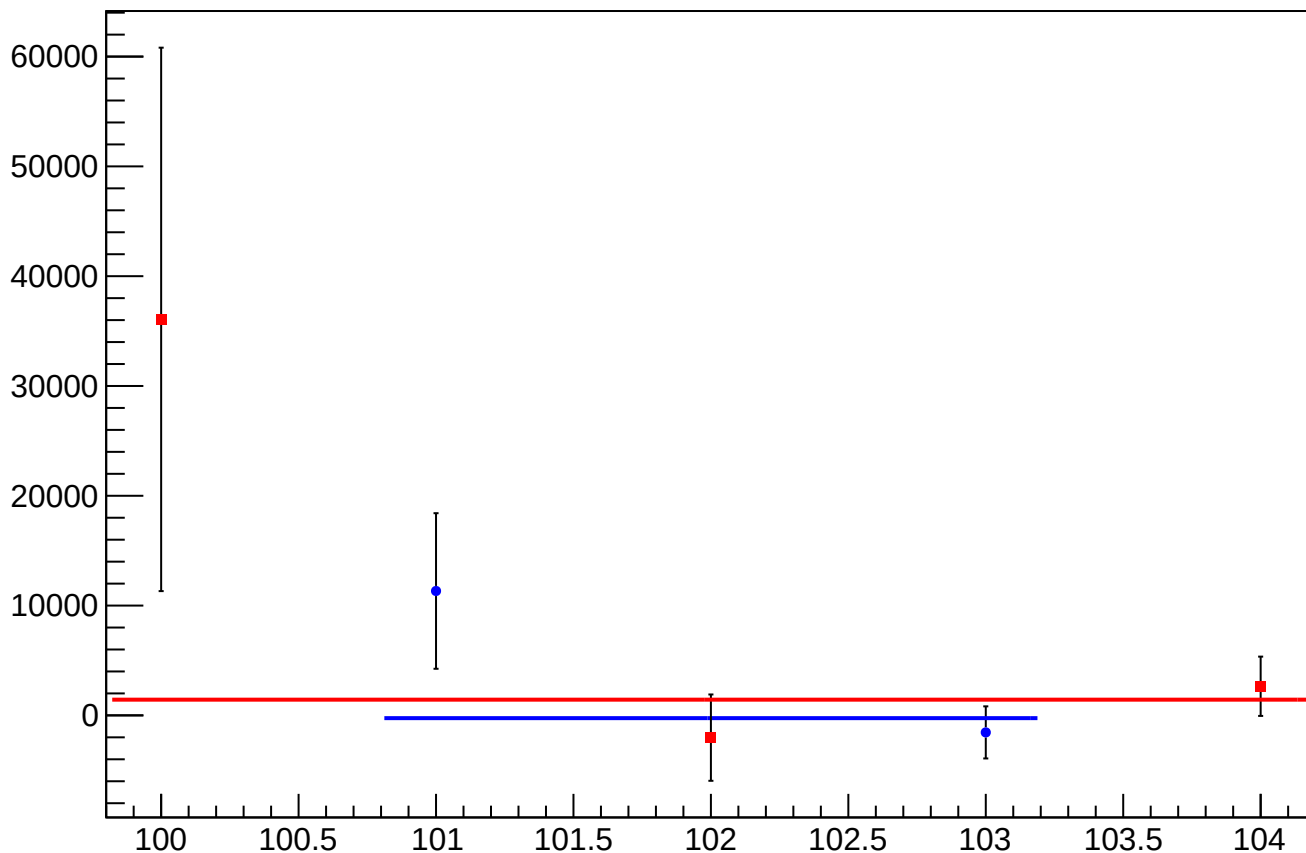
Right: 2489.144+/-1.155 χ^2/NDF : 326027.3/4

In: 2219.666+/-1.453 χ^2/NDF : 172642.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2489.144+/-1.155 χ^2/NDF : 326027.3/4

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: 1431.159+/-2216.852 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

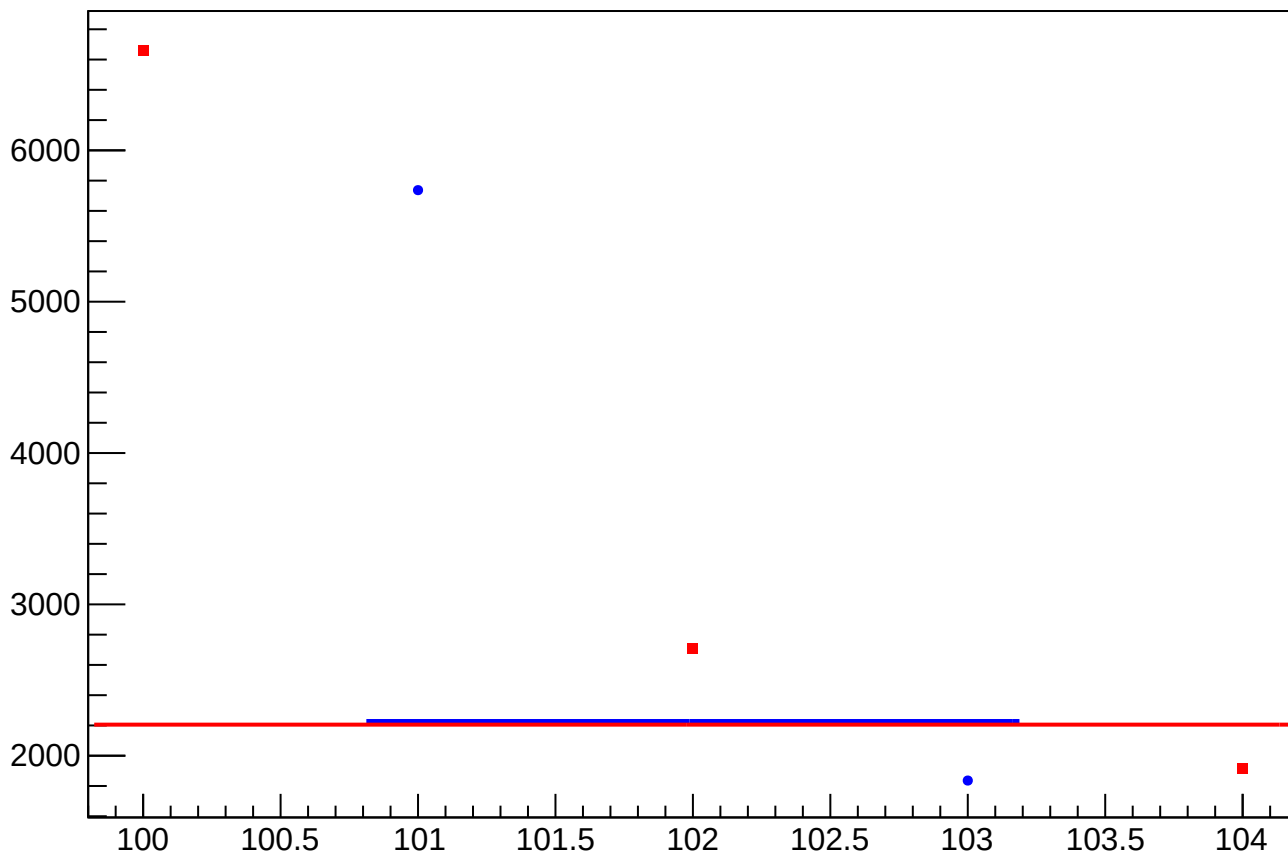
Right: 601.891+/-1579.073 χ^2/NDF : 6.2/4

In: -252.217+/-2249.807 χ^2/NDF :3.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 601.891+/-1579.073 χ^2/NDF : 6.2/4

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: 2205.366+/-1.568 χ^2 /NDF: 121235.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

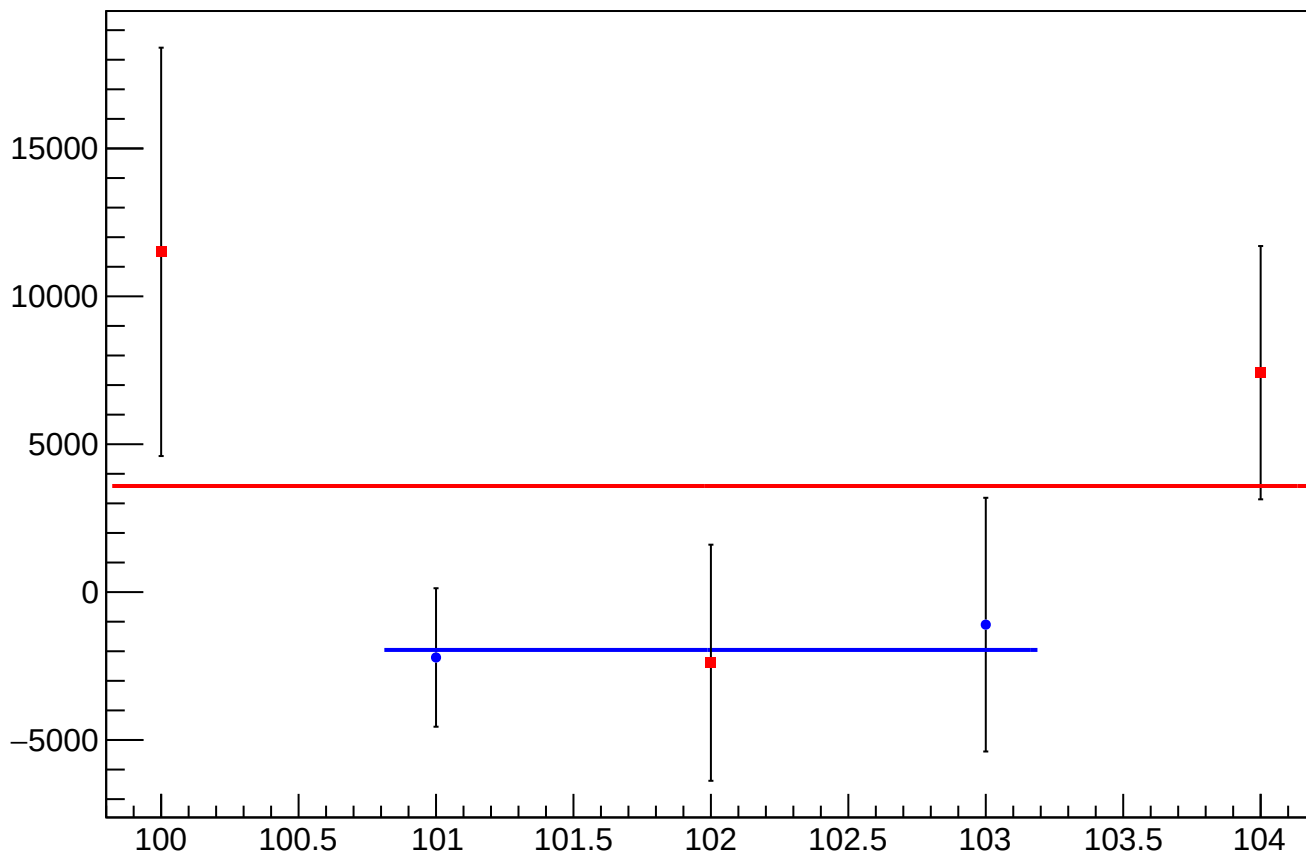
Right: 2217.184+/-1.117 χ^2 /NDF: 666588.7/4

In: 2229.357+/-1.591 χ^2 /NDF:545238.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2217.184+/-1.117 χ^2 /NDF: 666588.7/4

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1955.460+/-2054.998 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3587.612+/-2689.151 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

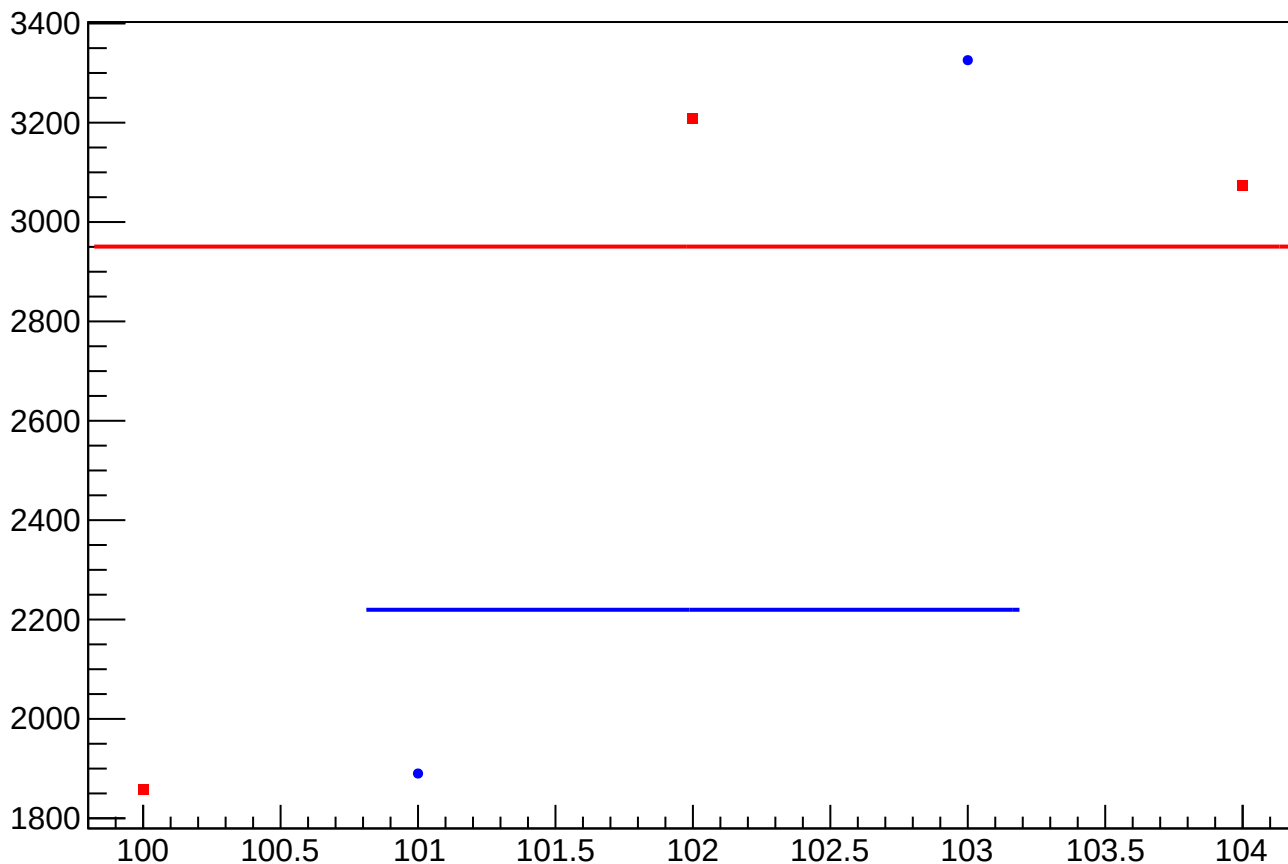
Right: 88.138+/-1632.817 χ^2/NDF : 7.1/4

In: -1955.460+/-2054.998 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.138+/-1632.817 χ^2/NDF : 7.1/4

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2219.664 $\pm$ 1.453 χ^2 /NDF: 172644.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2950.603 $\pm$ 1.902 χ^2 /NDF: 60101.7/2

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

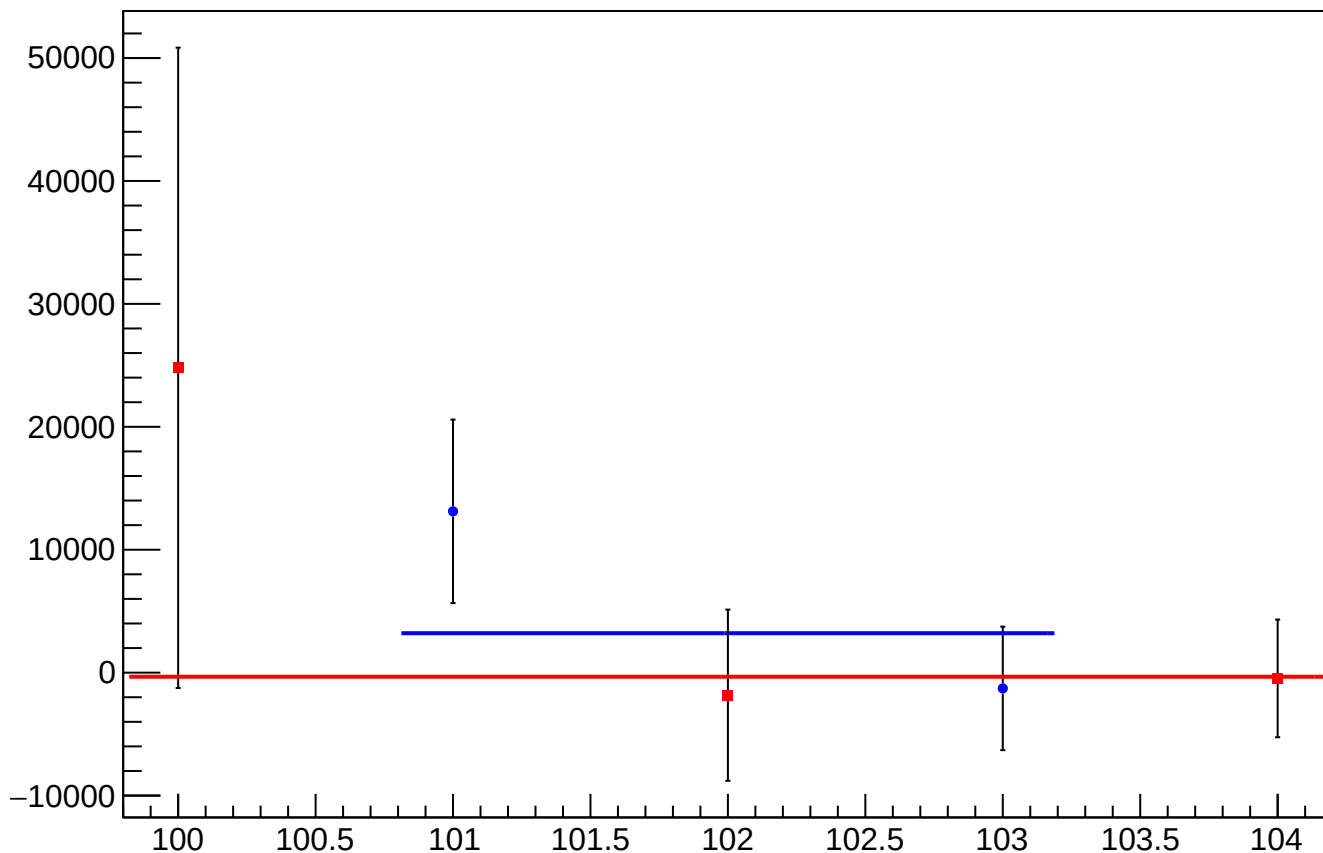
Right: 2489.144 $\pm$ 1.155 χ^2 /NDF: 326031.6/4

In: 2219.664 $\pm$ 1.453 χ^2 /NDF:172644.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2489.144 $\pm$ 1.155 χ^2 /NDF: 326031.6/4

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: -330.500+/-3899.550 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

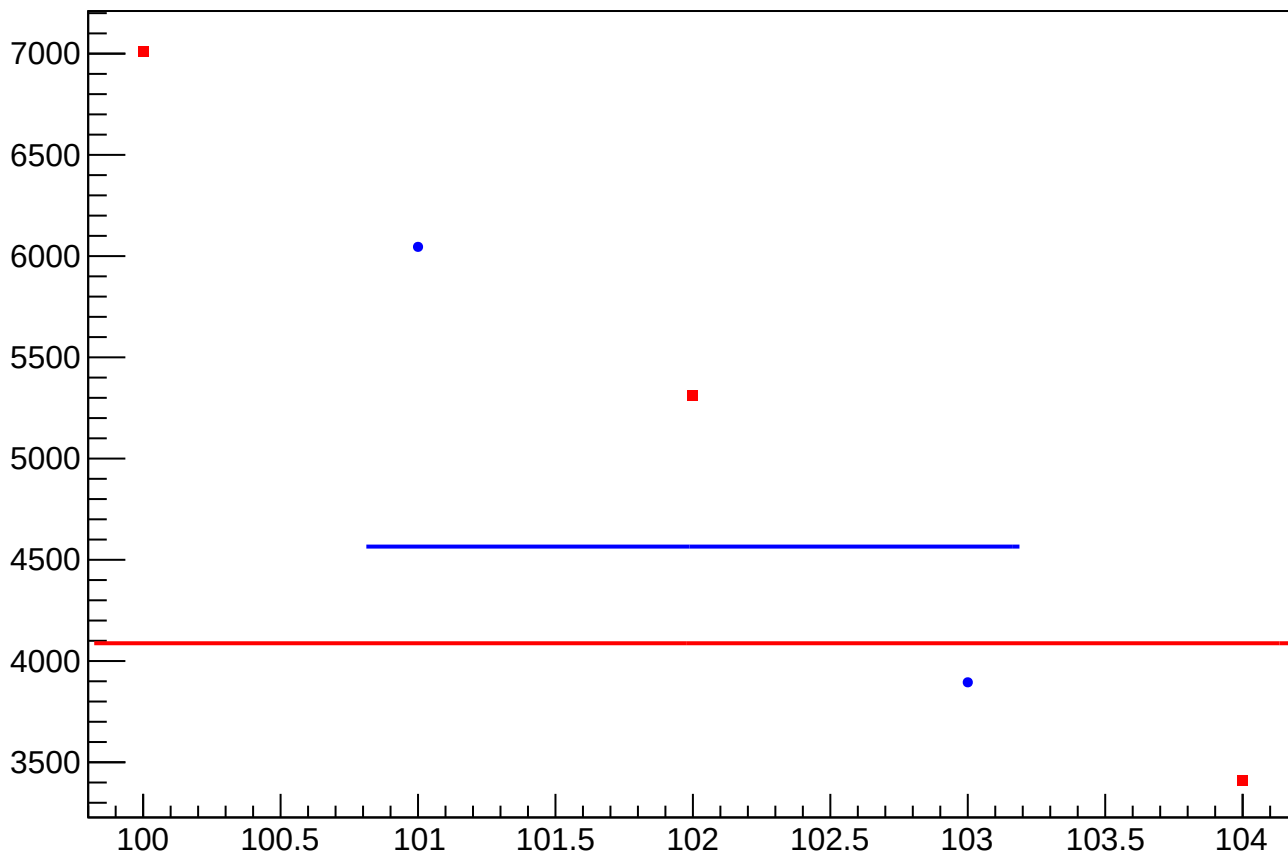
Right: 1321.921+/-2847.366 χ^2/NDF : 3.9/4

In: 3209.087+/-4167.344 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.921+/-2847.366 χ^2/NDF : 3.9/4

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: 4087.837+/-2.757 χ^2/NDF : 126672.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

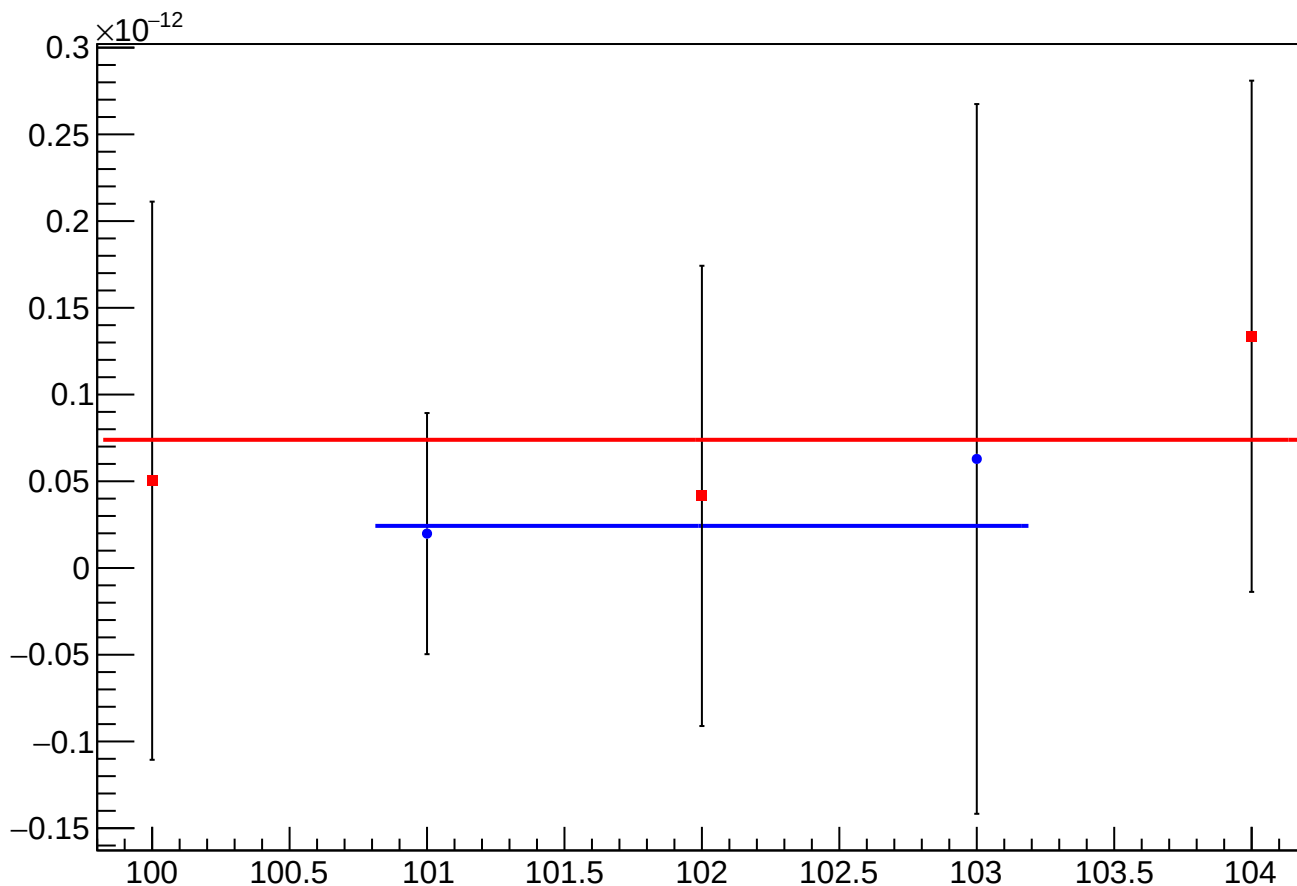
Right: 4310.722+/-2.013 χ^2/NDF : 254961.2/4

In: 4565.307+/-2.947 χ^2/NDF : 114289.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4310.722+/-2.013 χ^2/NDF : 254961.2/4

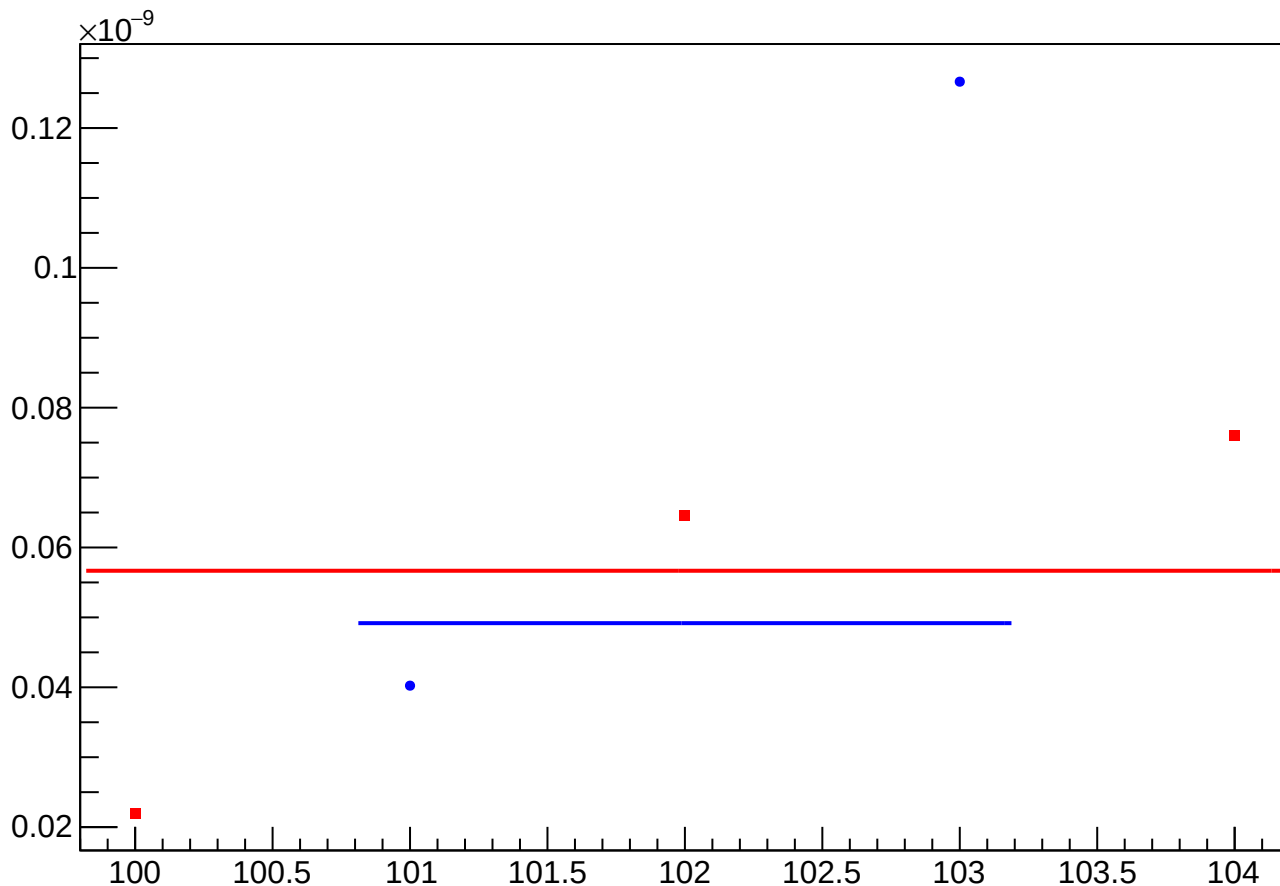
asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 0.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 0.5/4
 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 : 0.5/4

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 : 134419.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

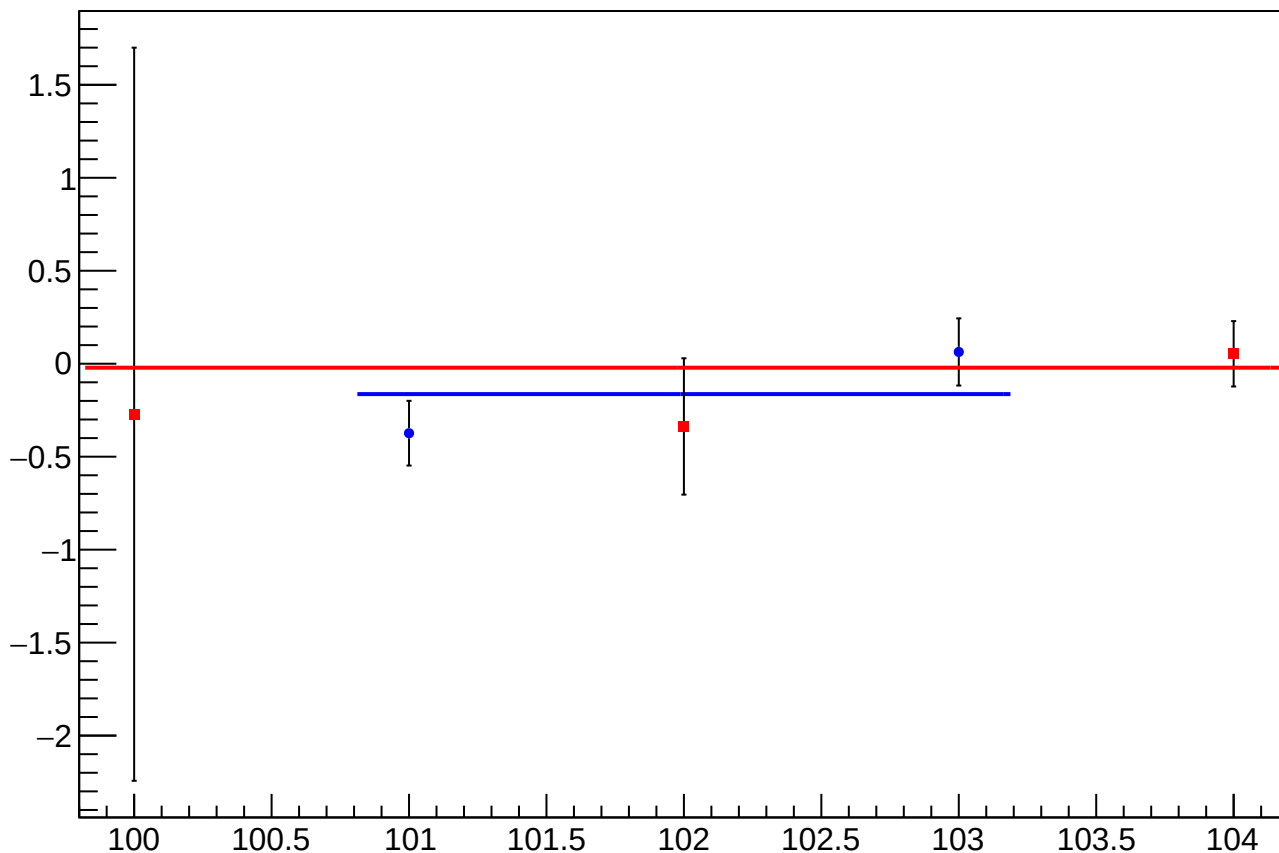
Right: 0.000+/-0.000 χ^2/NDF : 464027.4/4

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 : 464027.4/4

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: -0.021 $\pm$ 0.158 χ^2 /NDF: 0.9/2

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

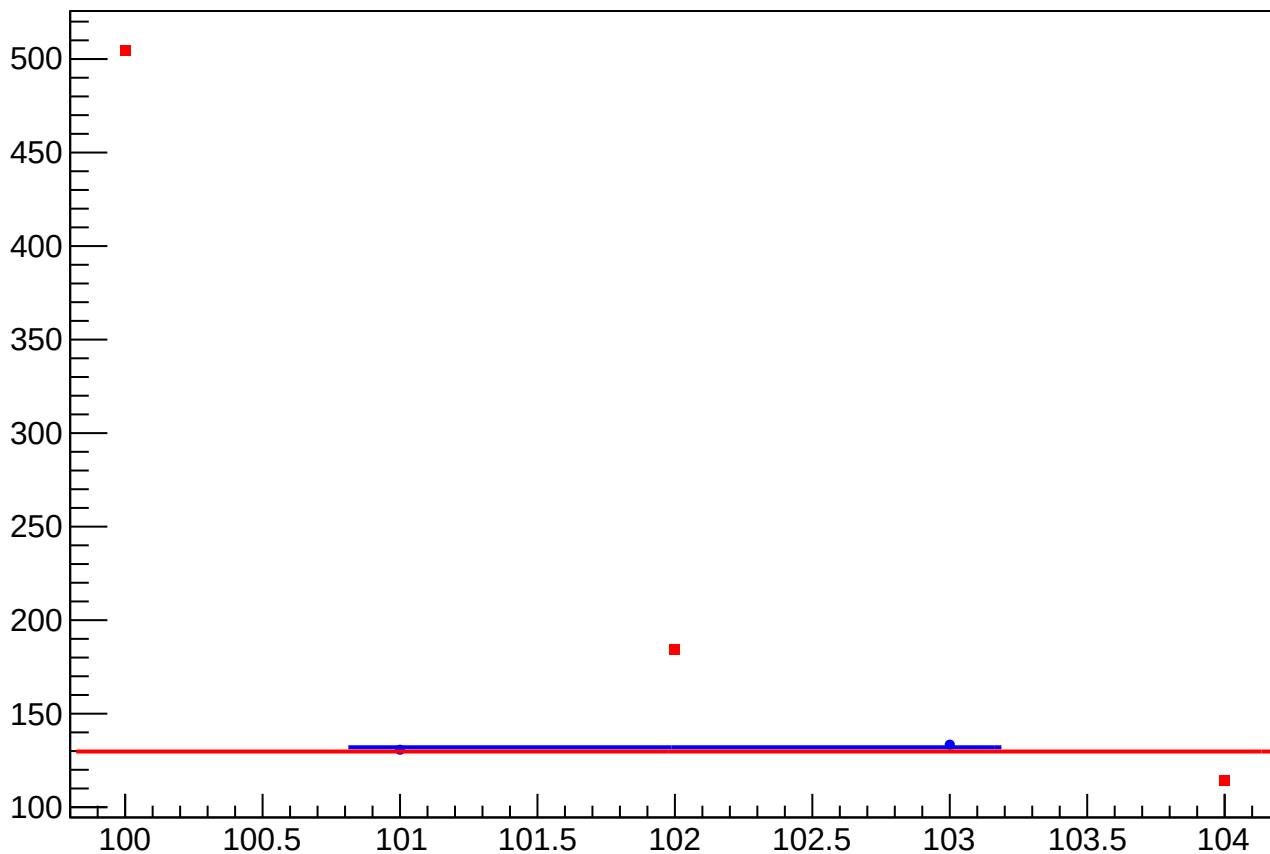
Right: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

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: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

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: 129.772+/-0.112 χ^2/NDF : 132327.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

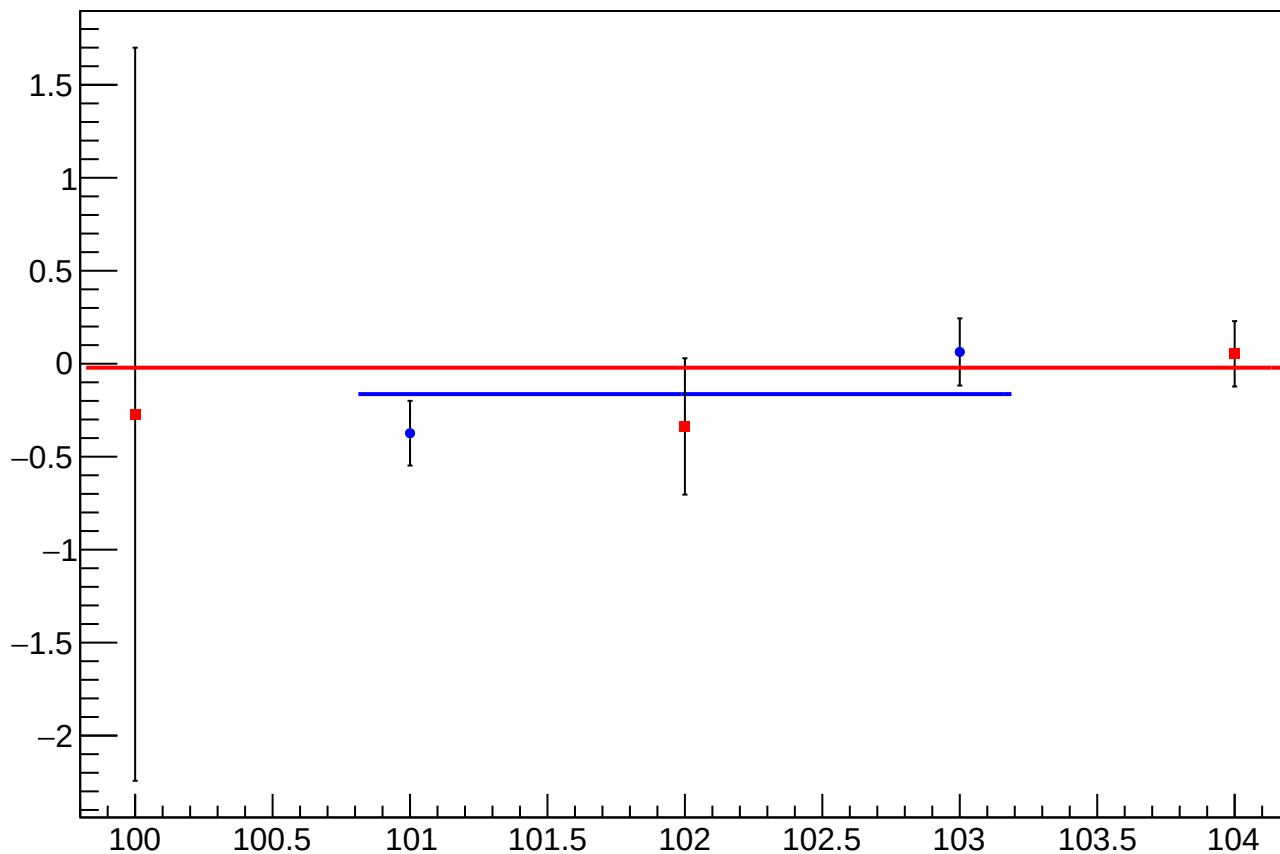
Right: 131.160+/-0.069 χ^2/NDF : 132812.6/4

In: 132.034+/-0.089 χ^2/NDF : 233.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.160+/-0.069 χ^2/NDF : 132812.6/4

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: -0.021 $\pm$ 0.158 χ^2 /NDF: 0.9/2

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

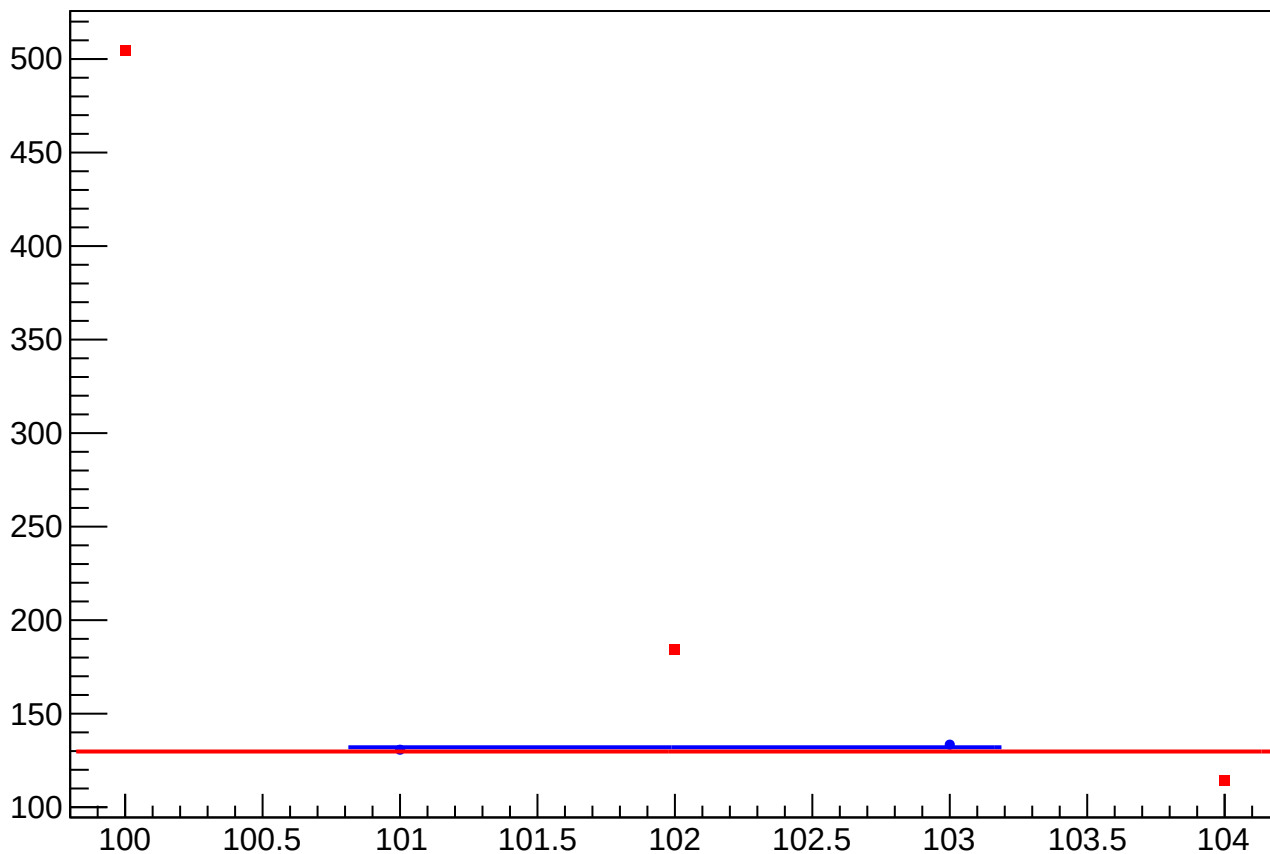
Right: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

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: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

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: 129.772 $\pm$ 0.112 χ^2 /NDF: 132327.5/2

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

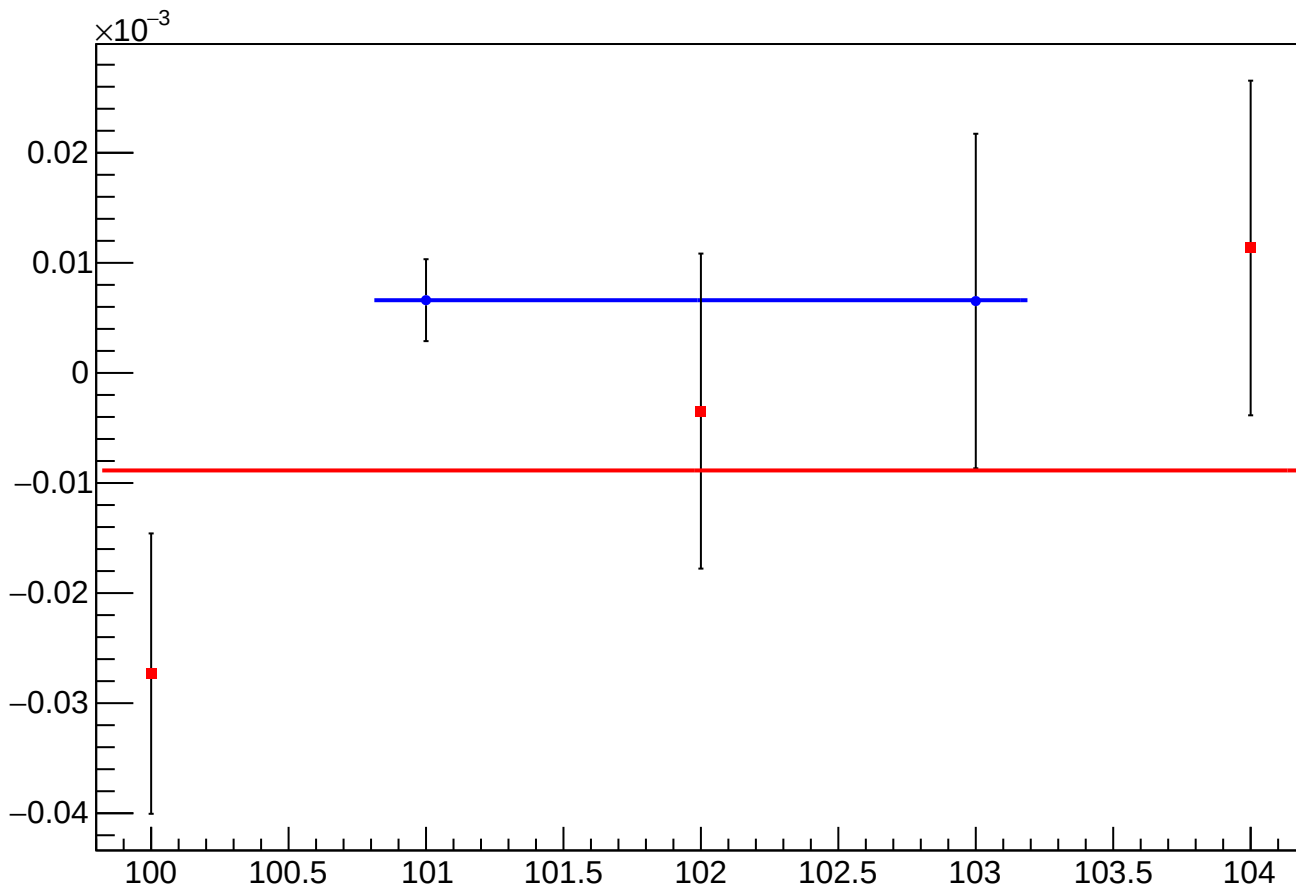
Right: 131.160 $\pm$ 0.069 χ^2 /NDF: 132812.6/4

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: 131.160 $\pm$ 0.069 χ^2 /NDF: 132812.6/4

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/2

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

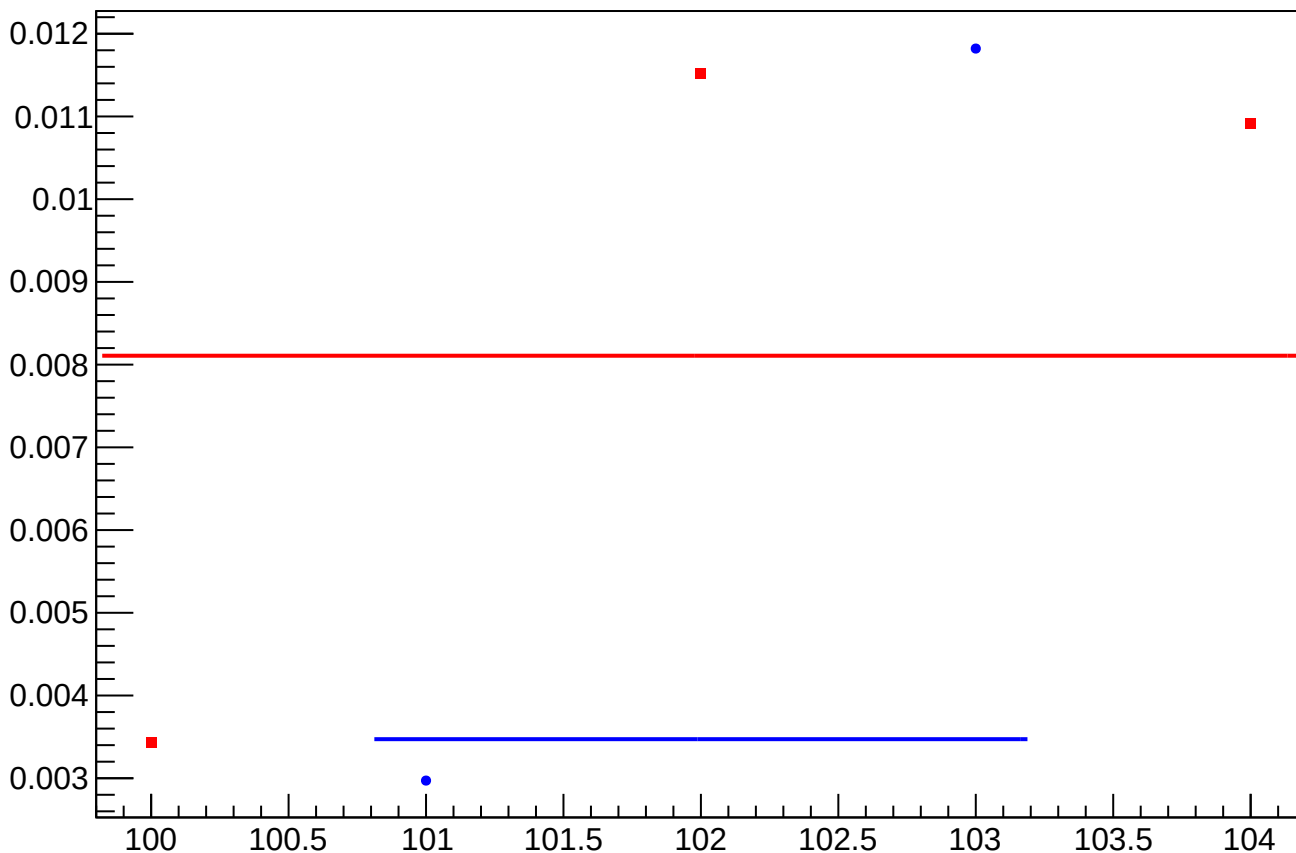
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/4

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: 7.1/4

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: 0.008+/-0.000 χ^2/NDF : 452485.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

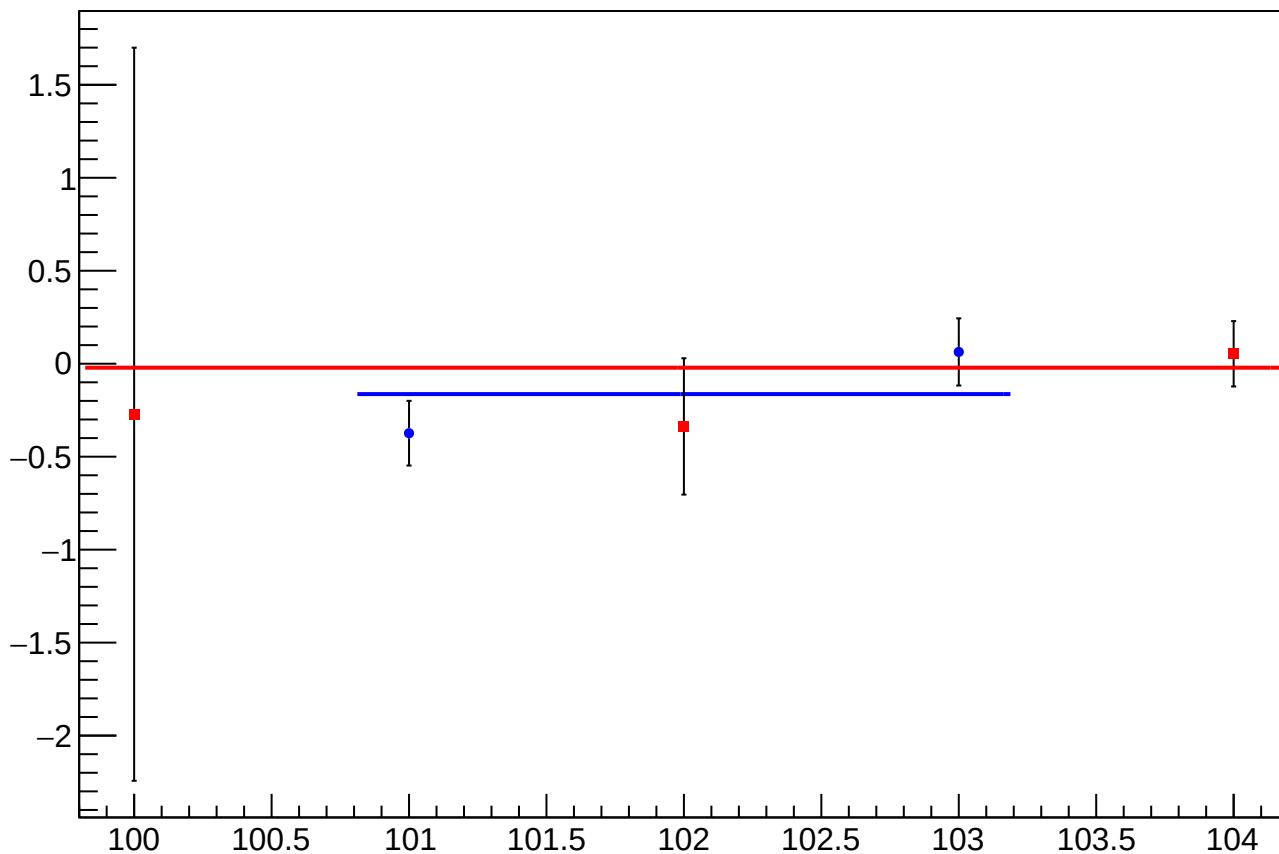
Right: 0.004+/-0.000 χ^2/NDF : 1642579.5/4

In: 0.003+/-0.000 χ^2/NDF : 639800.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1642579.5/4

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: -0.021 $\pm$ 0.158 χ^2 /NDF: 0.9/2

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

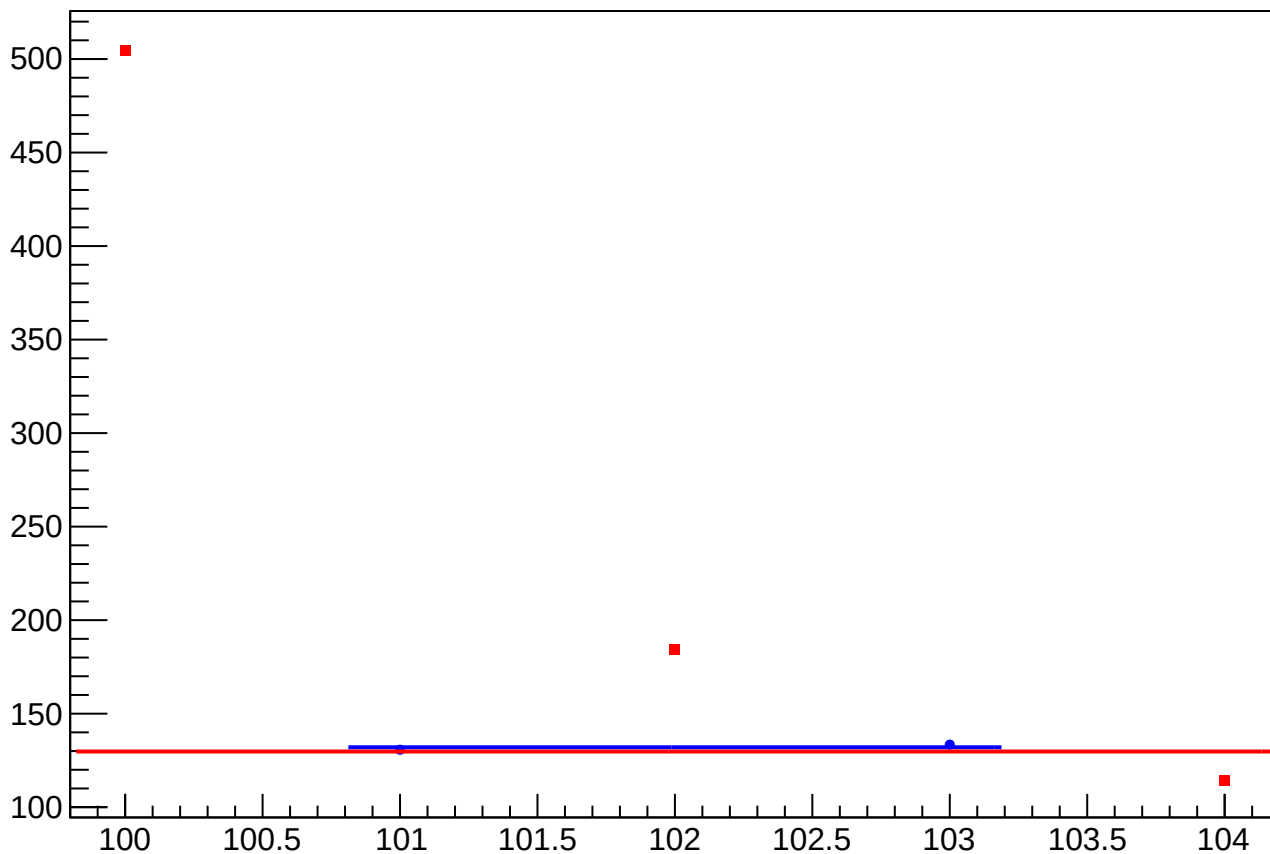
Right: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

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: -0.109 $\pm$ 0.098 χ^2 /NDF: 4.5/4

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029 $\pm$ 0.089 χ^2 /NDF: 231.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.761 $\pm$ 0.112 χ^2 /NDF: 132332.1/2

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

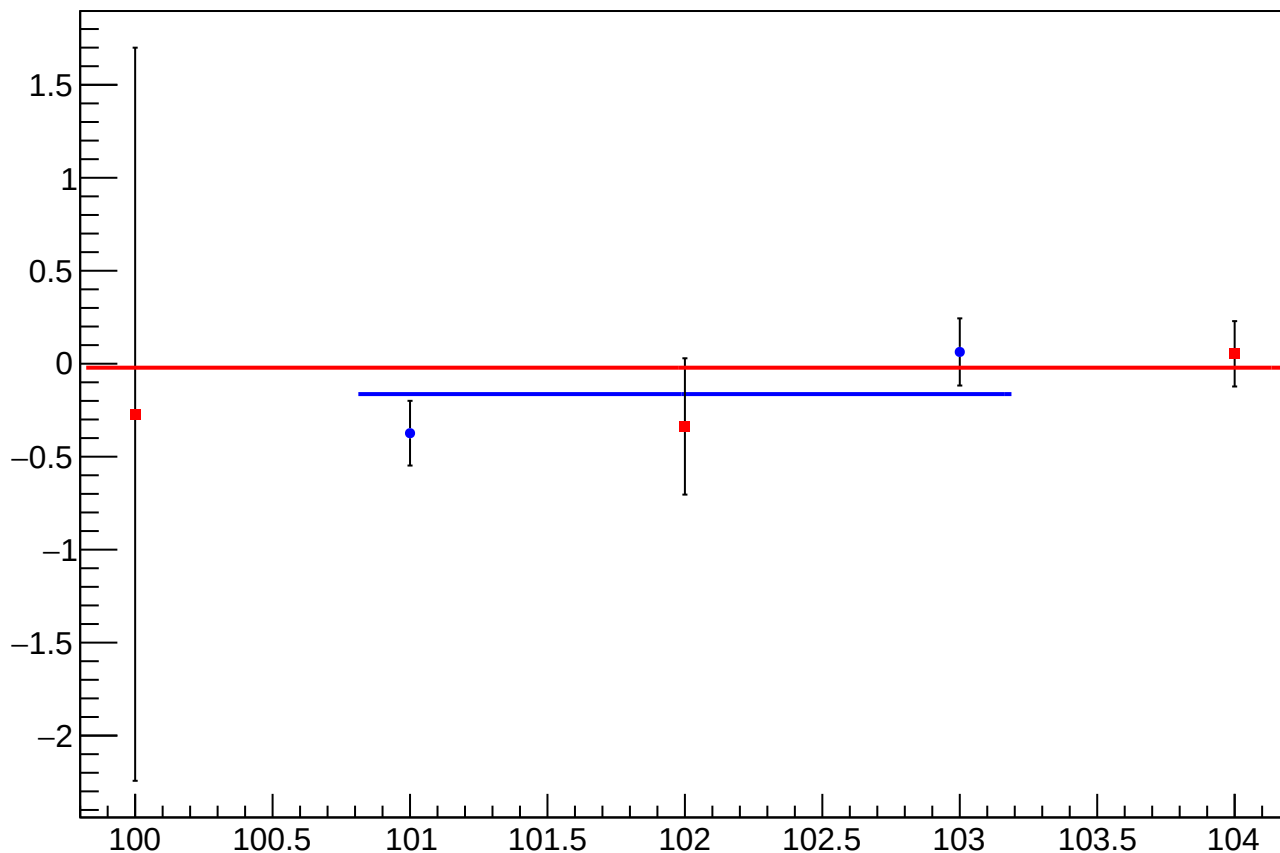
Right: 131.153 $\pm$ 0.069 χ^2 /NDF: 132816.7/4

In: 132.029 $\pm$ 0.089 χ^2 /NDF: 231.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.153 $\pm$ 0.069 χ^2 /NDF: 132816.7/4

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: -0.021+/-0.158 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

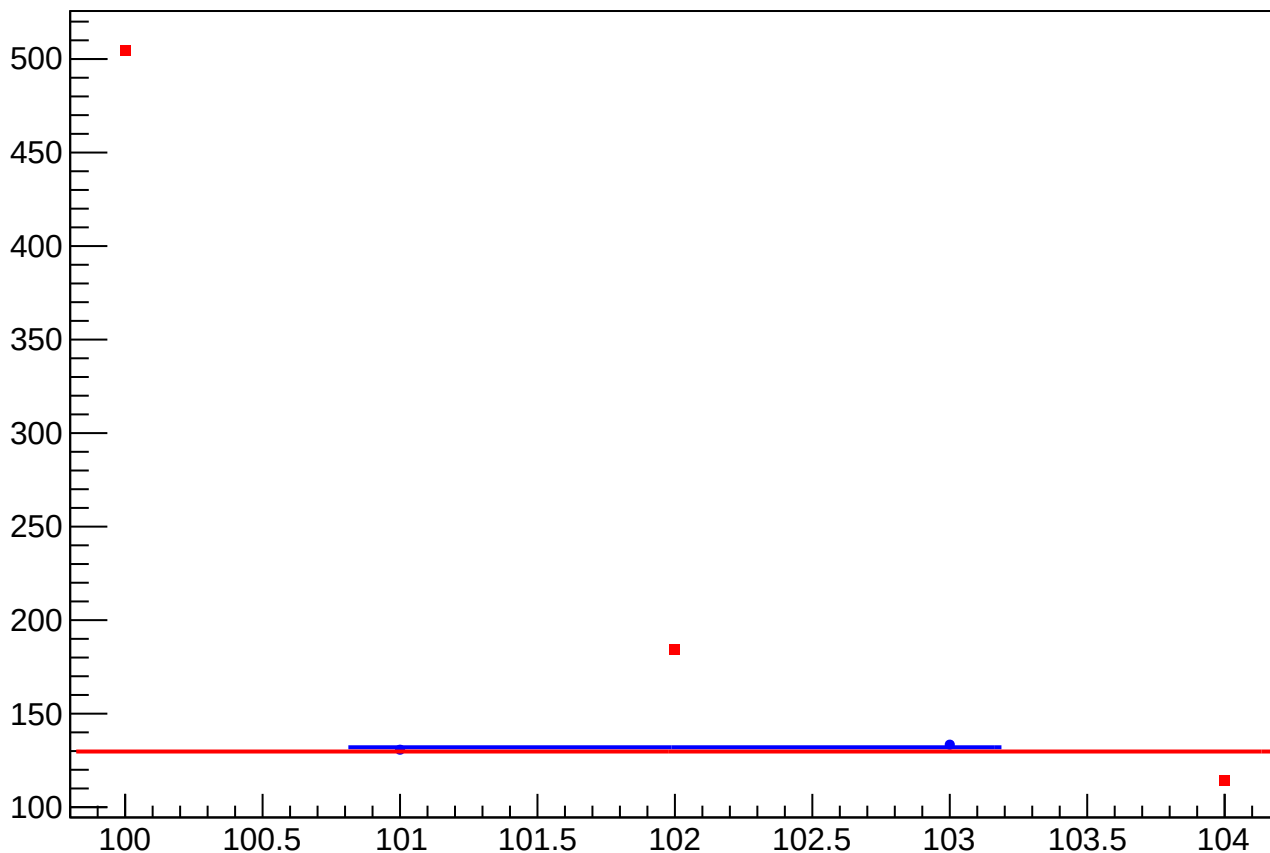
Right: -0.109+/-0.098 χ^2/NDF : 4.5/4

In: -0.163+/-0.125 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.109+/-0.098 χ^2/NDF : 4.5/4

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 132.029 $\pm$ 0.089 χ^2 /NDF: 231.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.761 $\pm$ 0.112 χ^2 /NDF: 132332.1/2

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

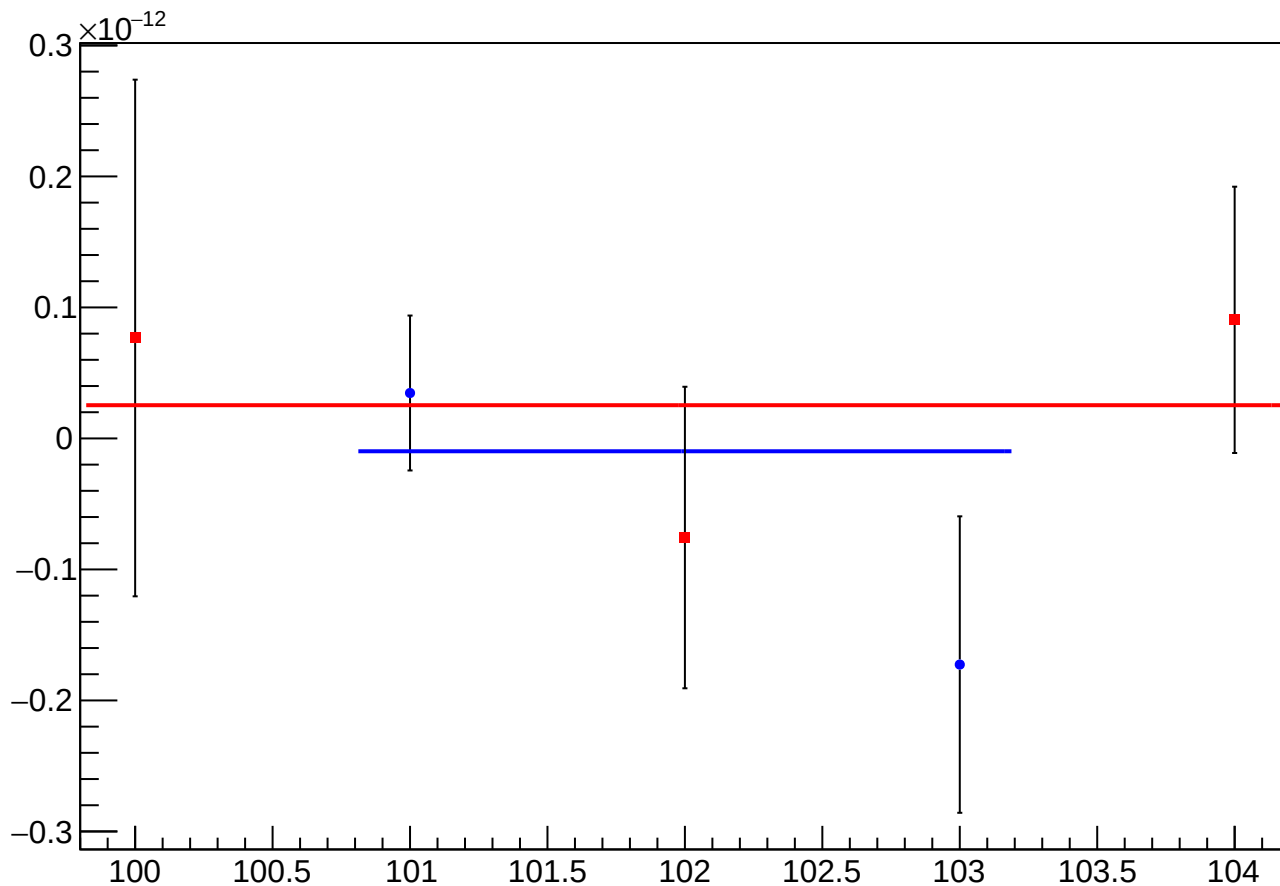
Right: 131.153 $\pm$ 0.069 χ^2 /NDF: 132816.7/4

In: 132.029 $\pm$ 0.089 χ^2 /NDF:231.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 131.153 $\pm$ 0.069 χ^2 /NDF: 132816.7/4

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: 1.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

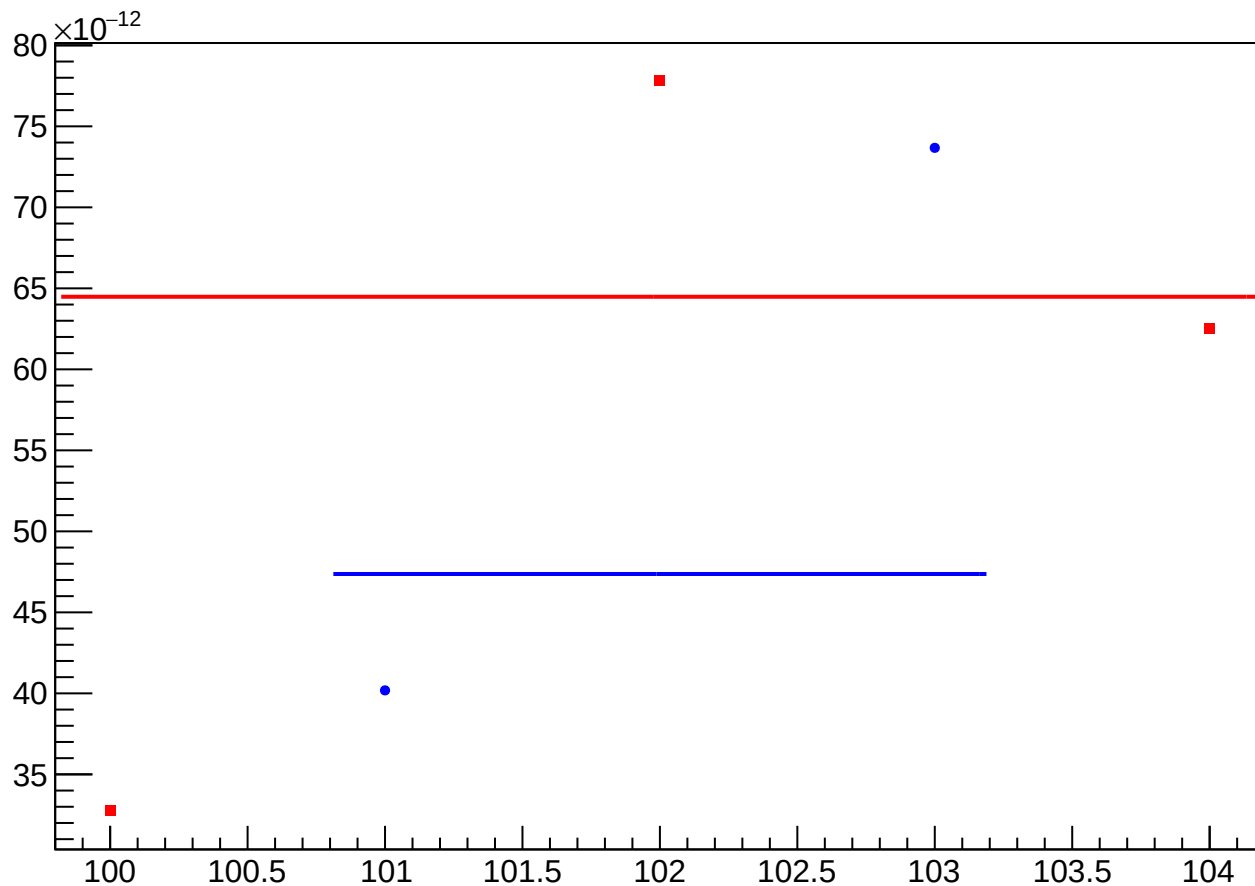
Right: 0.000+/-0.000 χ^2 /NDF: 4.0/4

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: 4.0/4

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 : 79265.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

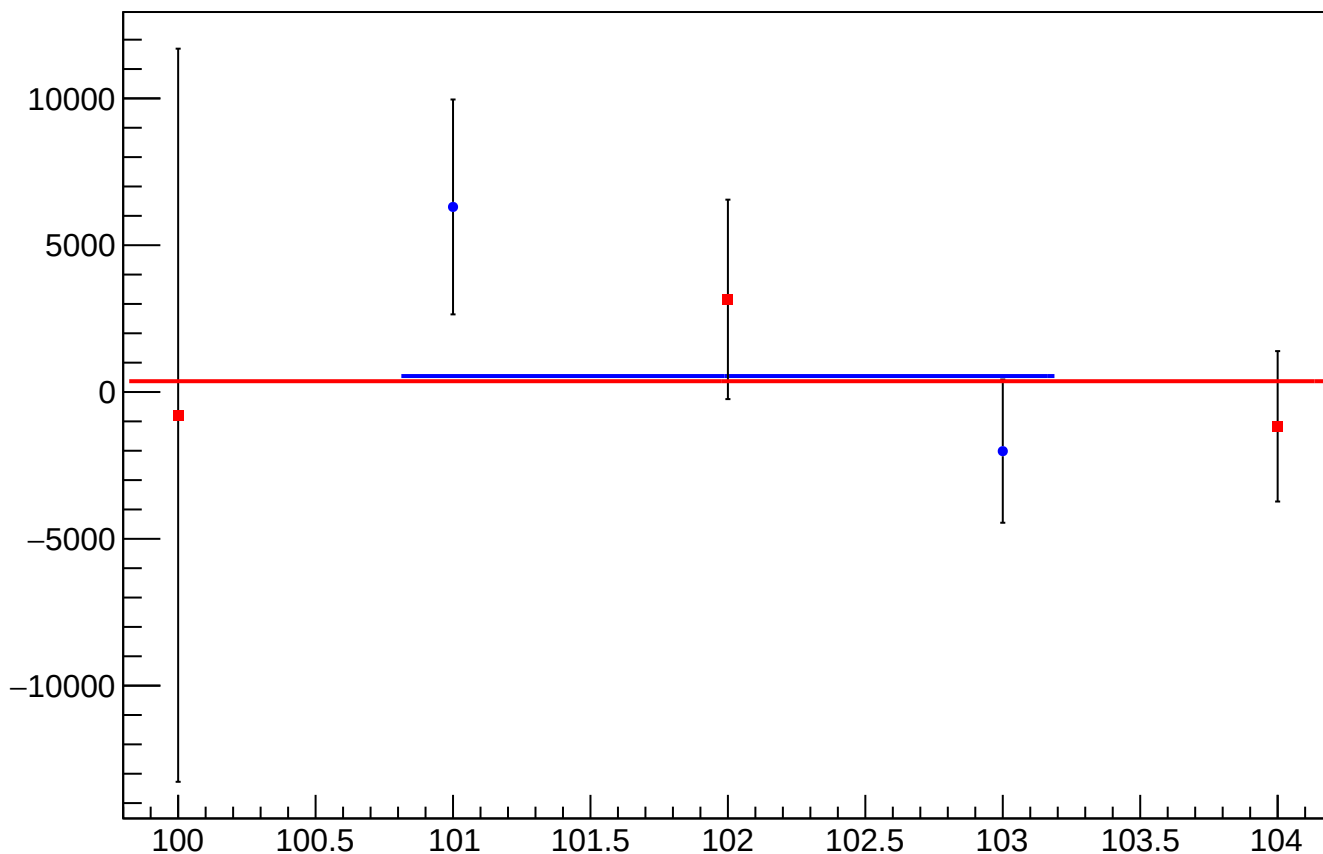
Right: 0.000+/-0.000 χ^2/NDF : 292007.9/4

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 : 292007.9/4

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: 368.219+/-2018.133 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

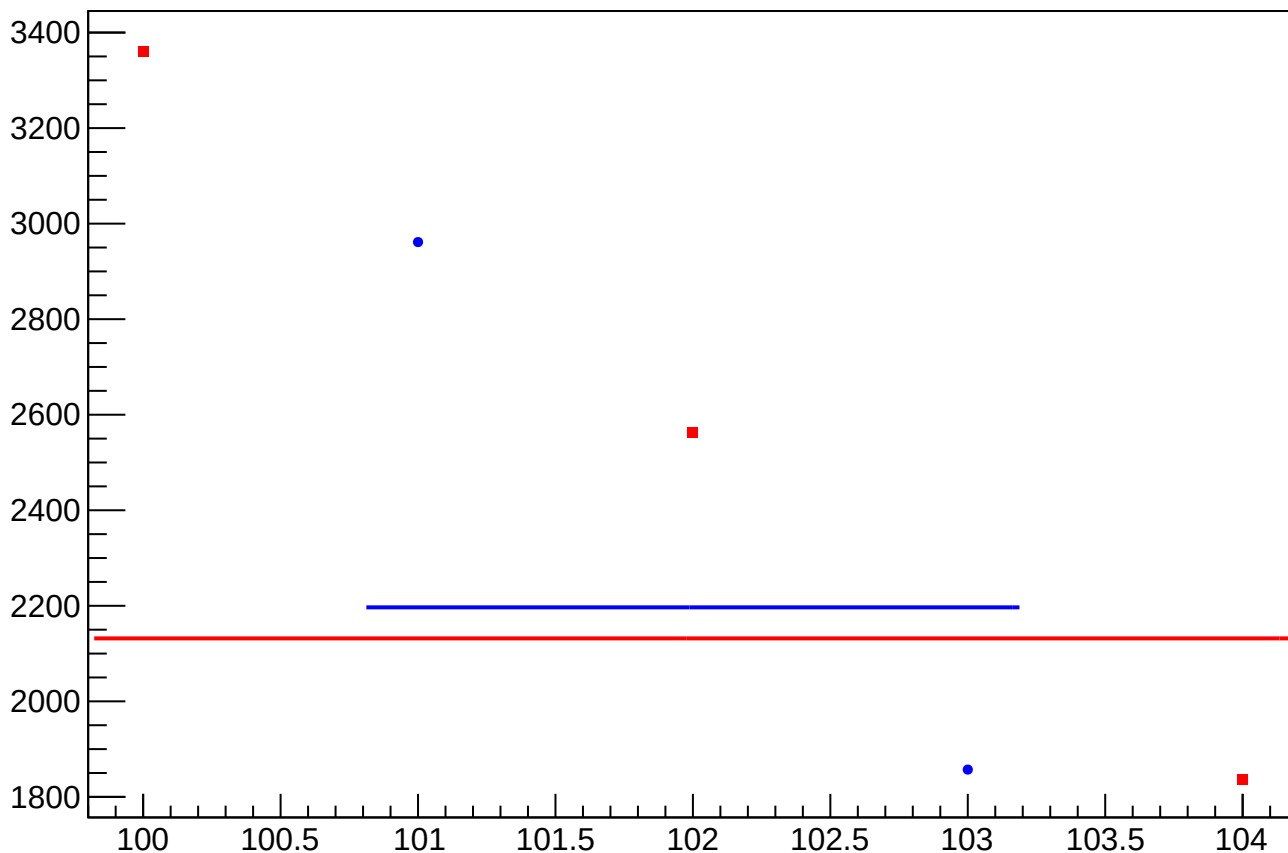
Right: 455.622+/-1430.952 χ^2/NDF : 4.6/4

In: 543.992+/-2029.258 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 455.622+/-1430.952 χ^2/NDF : 4.6/4

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: 2131.789+/-1.427 χ^2/NDF : 78172.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

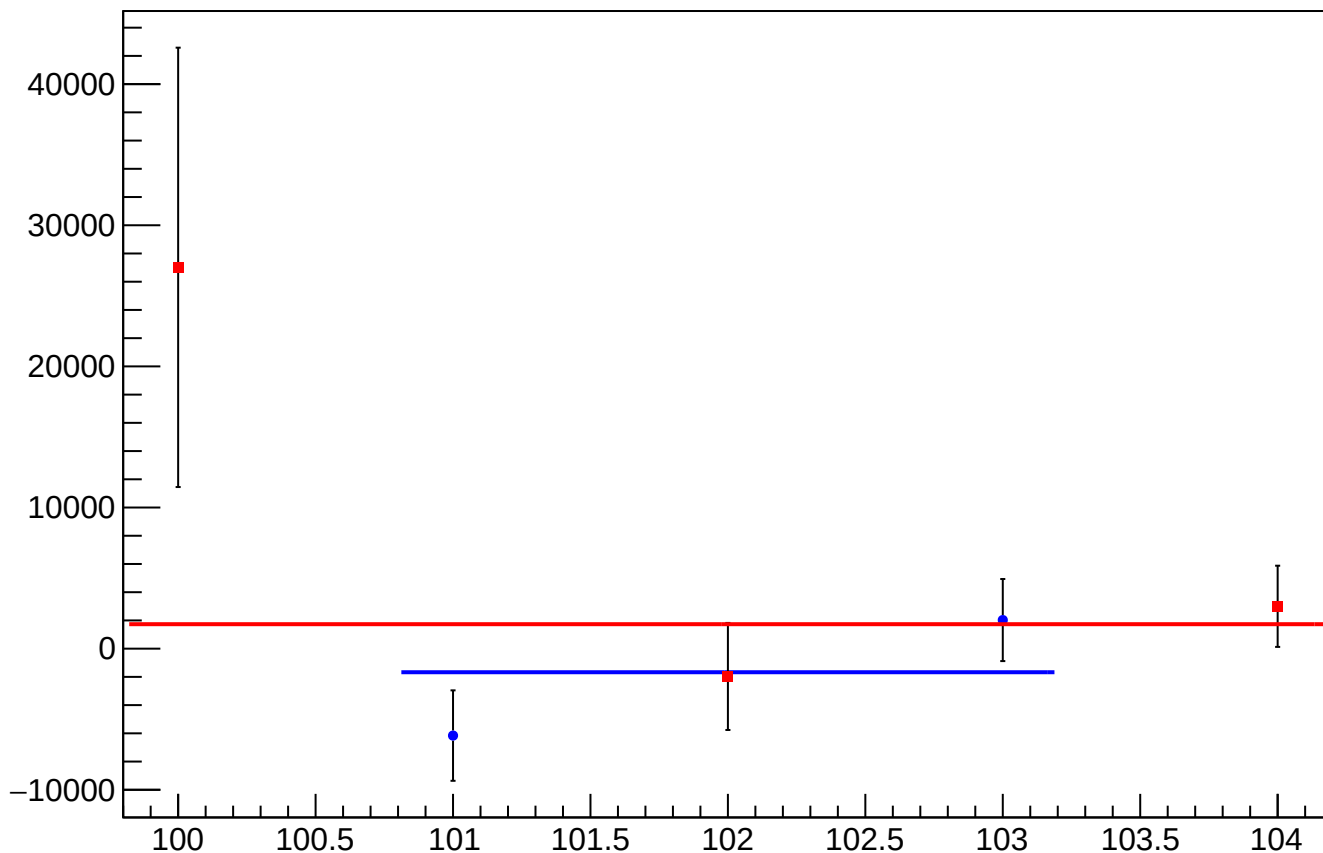
Right: 2164.091+/-1.012 χ^2/NDF : 205328.2/4

In: 2196.750+/-1.435 χ^2/NDF : 126125.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.091+/-1.012 χ^2/NDF : 205328.2/4

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: 1733.448+/-2267.532 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

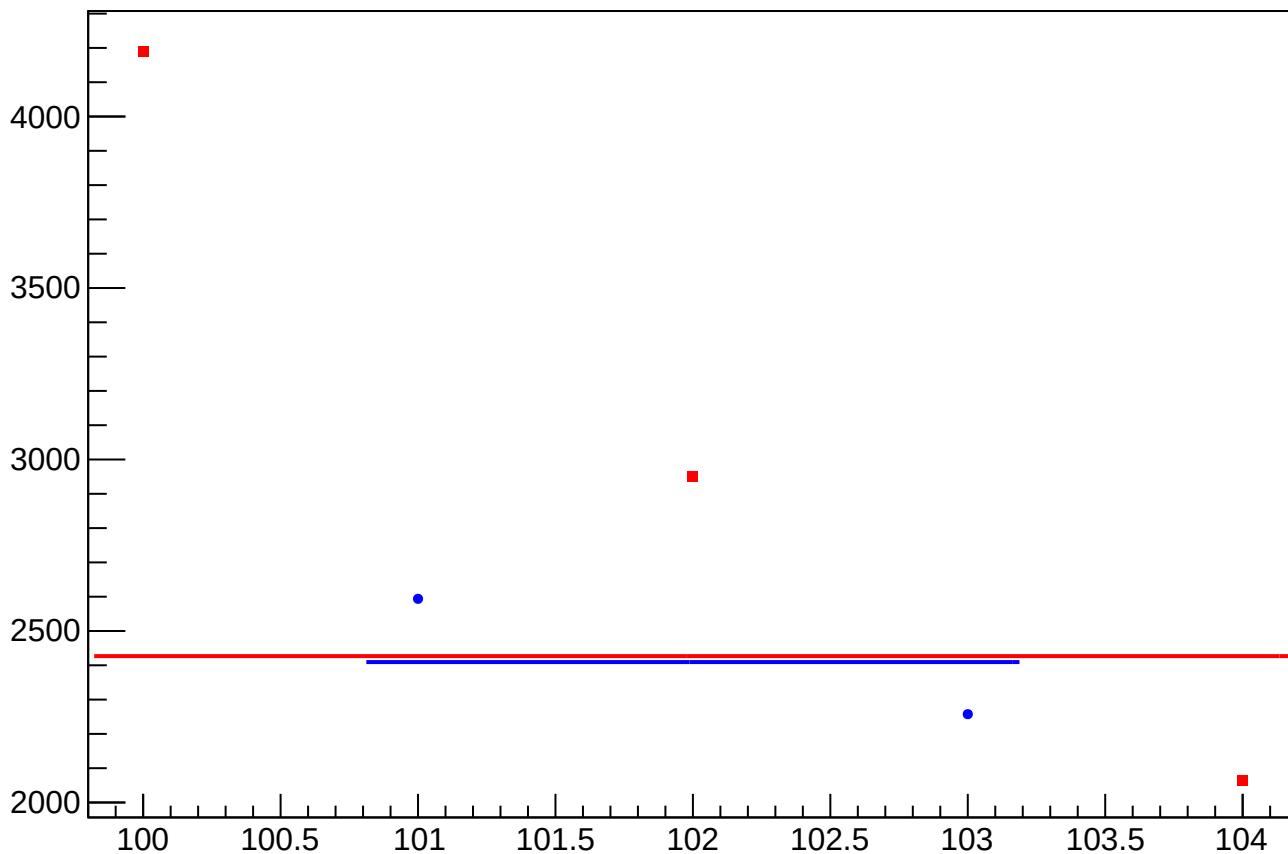
Right: -56.539+/-1561.426 χ^2/NDF : 8.6/4

In: -1670.681+/-2153.274 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.539+/-1561.426 χ^2/NDF : 8.6/4

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: 2426.762+/-1.603 χ^2/NDF : 95355.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

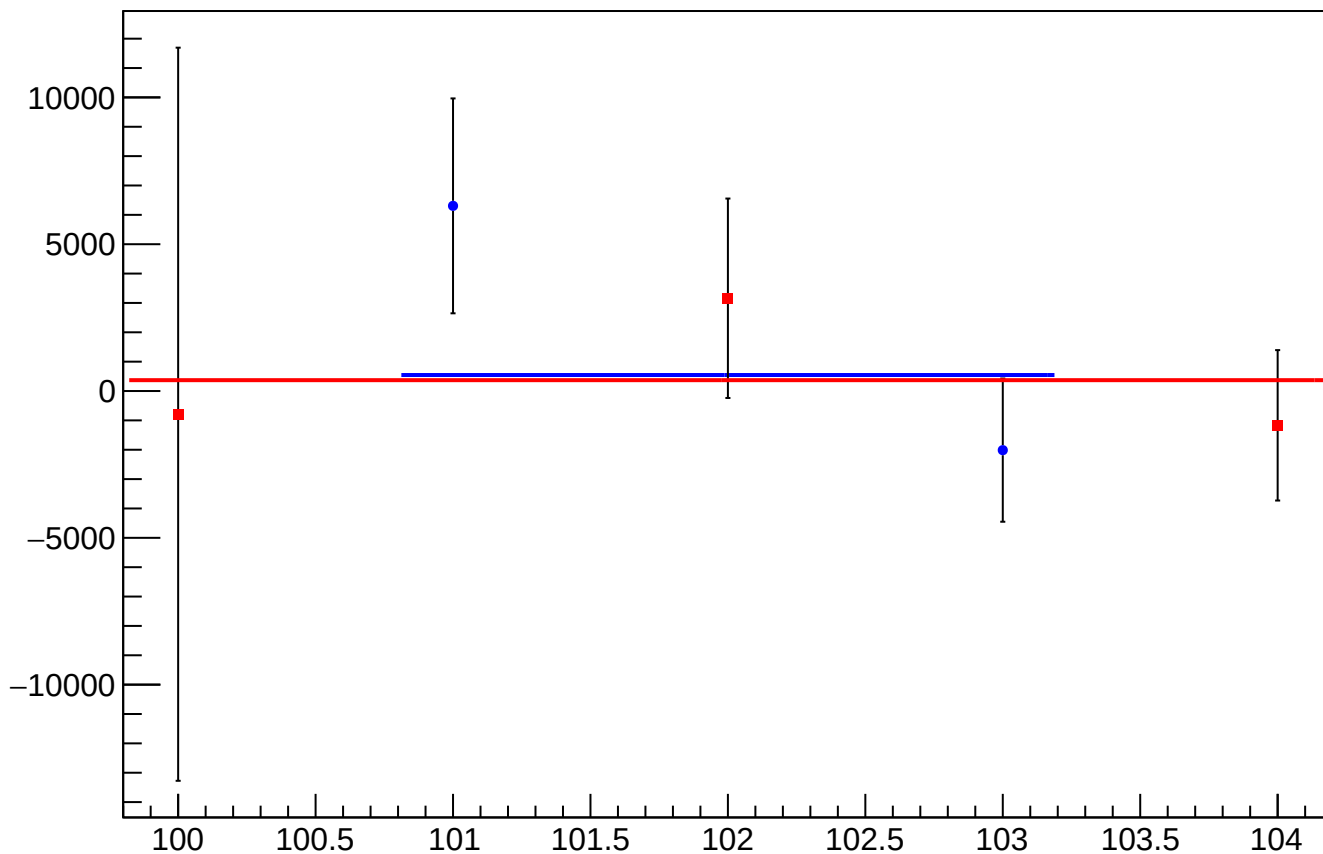
Right: 2417.642+/-1.104 χ^2/NDF : 107503.2/4

In: 2409.417+/-1.523 χ^2/NDF : 12086.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.642+/-1.104 χ^2/NDF : 107503.2/4

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: 369.635 $\pm$ 2018.133 χ^2 /NDF: 1.0/2

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

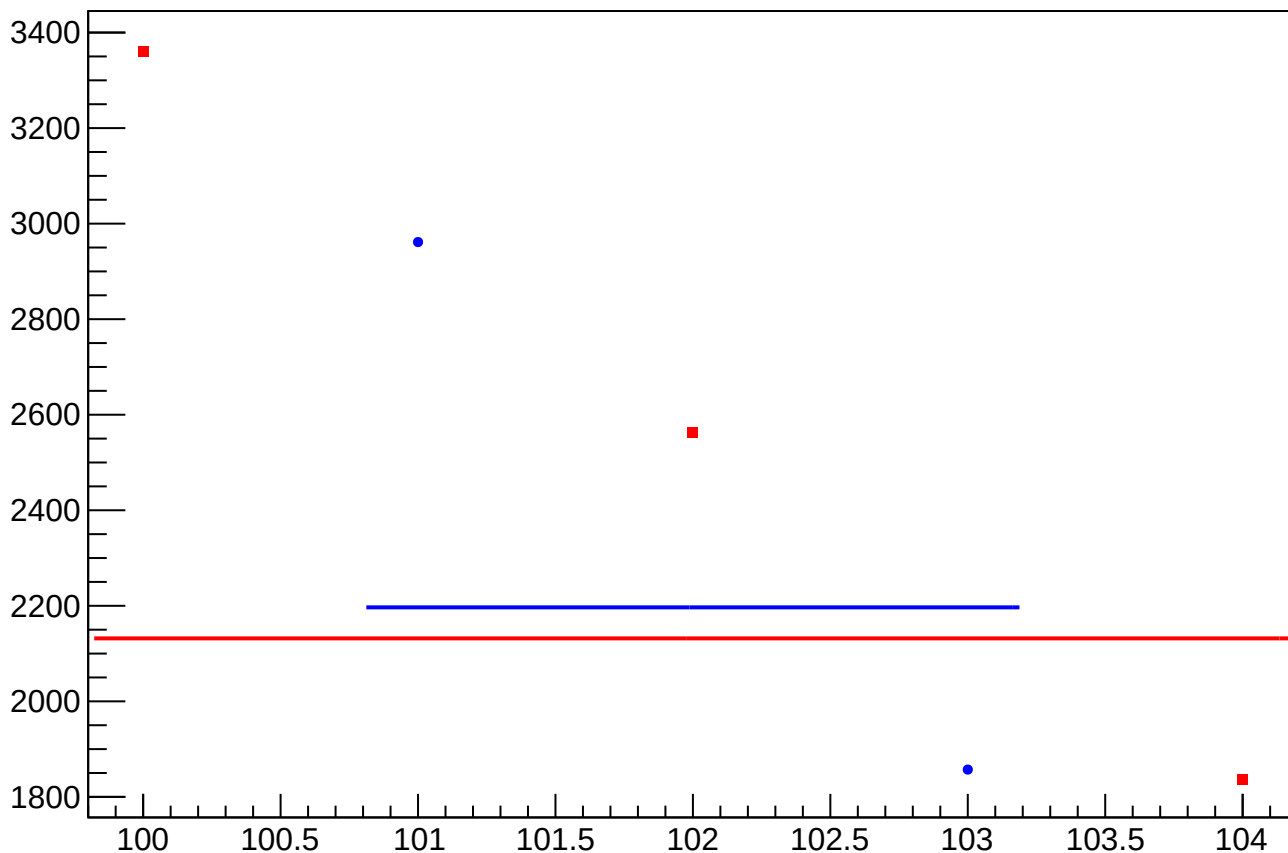
Right: 456.814 $\pm$ 1430.953 χ^2 /NDF: 4.6/4

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: 456.814 $\pm$ 1430.953 χ^2 /NDF: 4.6/4

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: 2131.788+/-1.427 χ^2/NDF : 78171.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

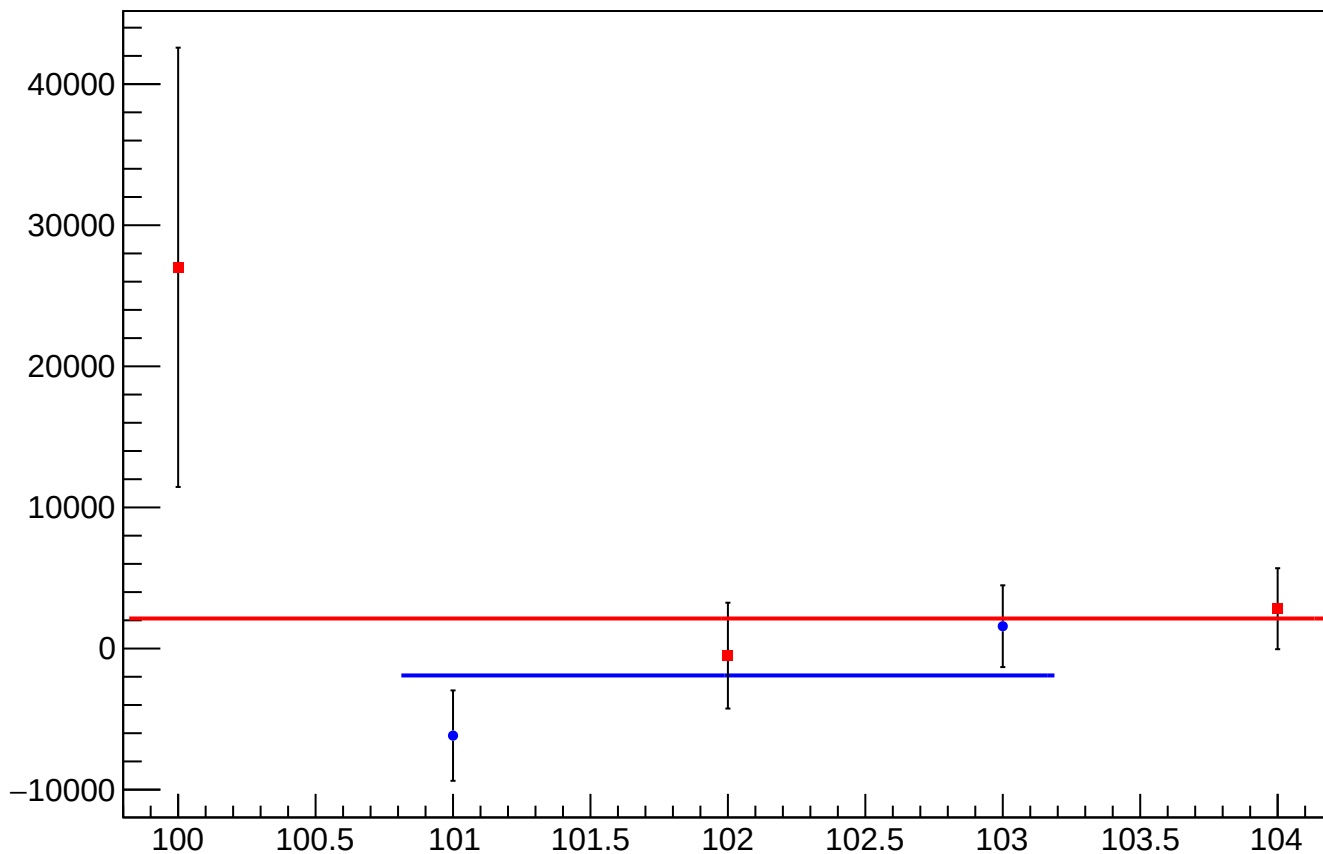
Right: 2164.090+/-1.012 χ^2/NDF : 205328.3/4

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.090+/-1.012 χ^2/NDF : 205328.3/4

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: 2129.142+/-2255.048 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

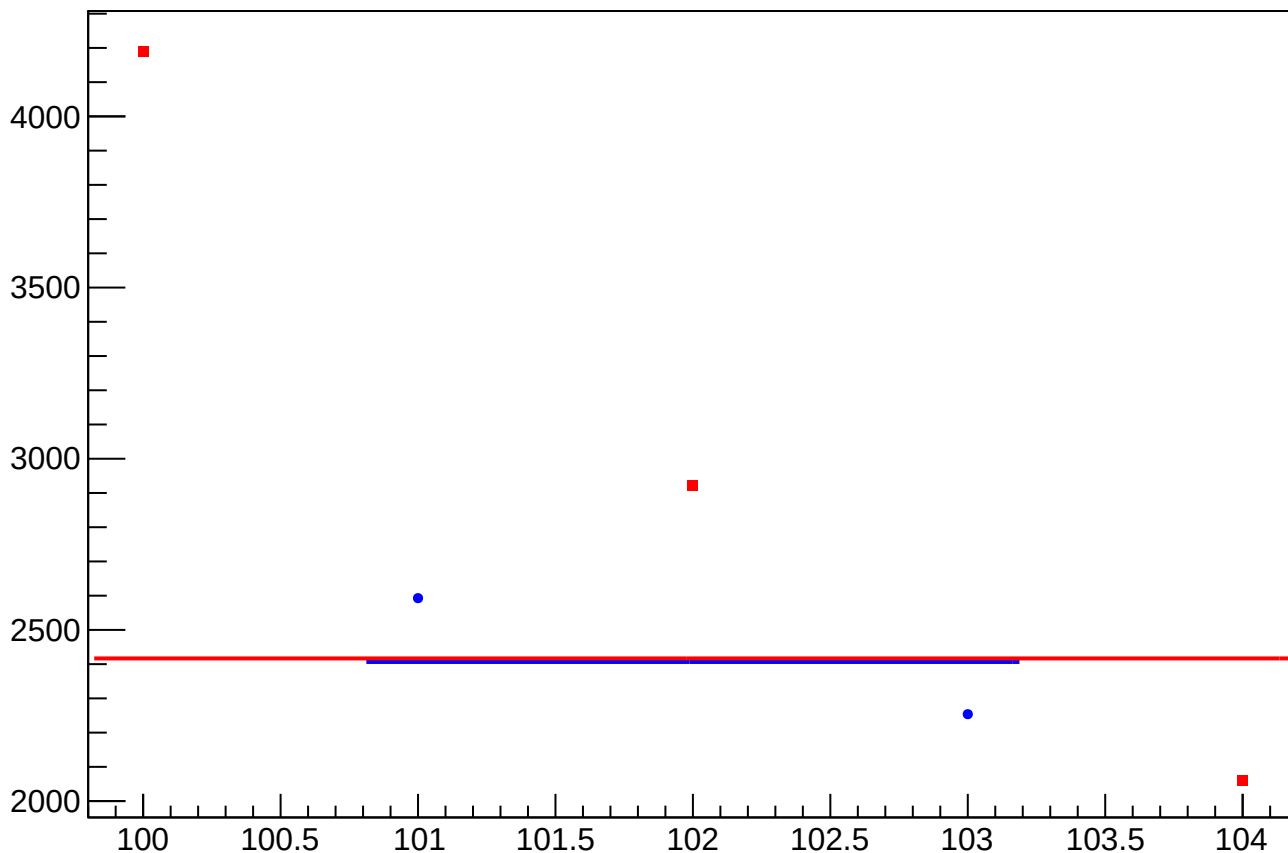
Right: 13.797+/-1555.597 χ^2/NDF : 8.0/4

In: -1906.728+/-2148.696 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.797+/-1555.597 χ^2/NDF : 8.0/4

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: 2416.717+/-1.595 χ^2/NDF : 92764.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

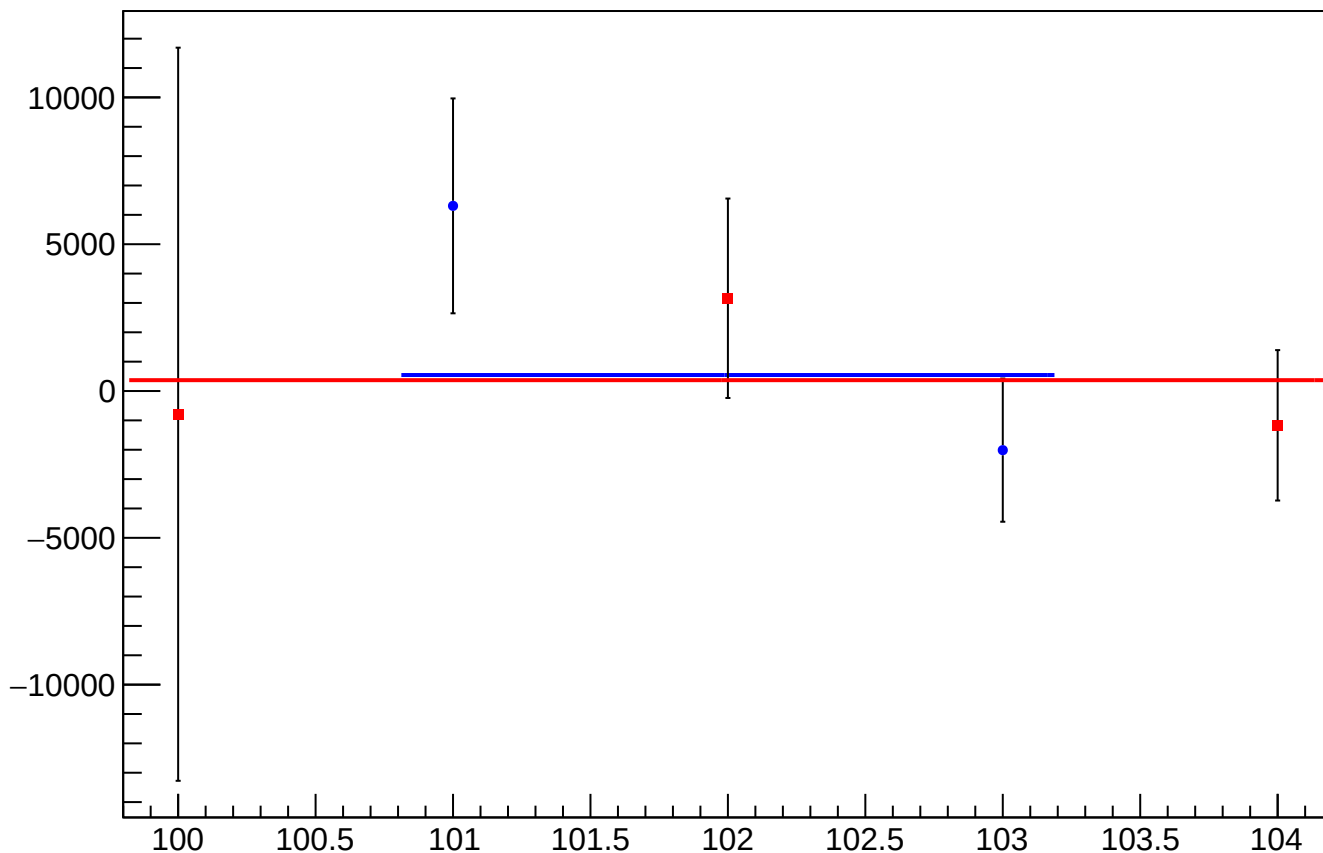
Right: 2411.310+/-1.100 χ^2/NDF : 105106.3/4

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2411.310+/-1.100 χ^2/NDF : 105106.3/4

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: 369.635+/-2018.133 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

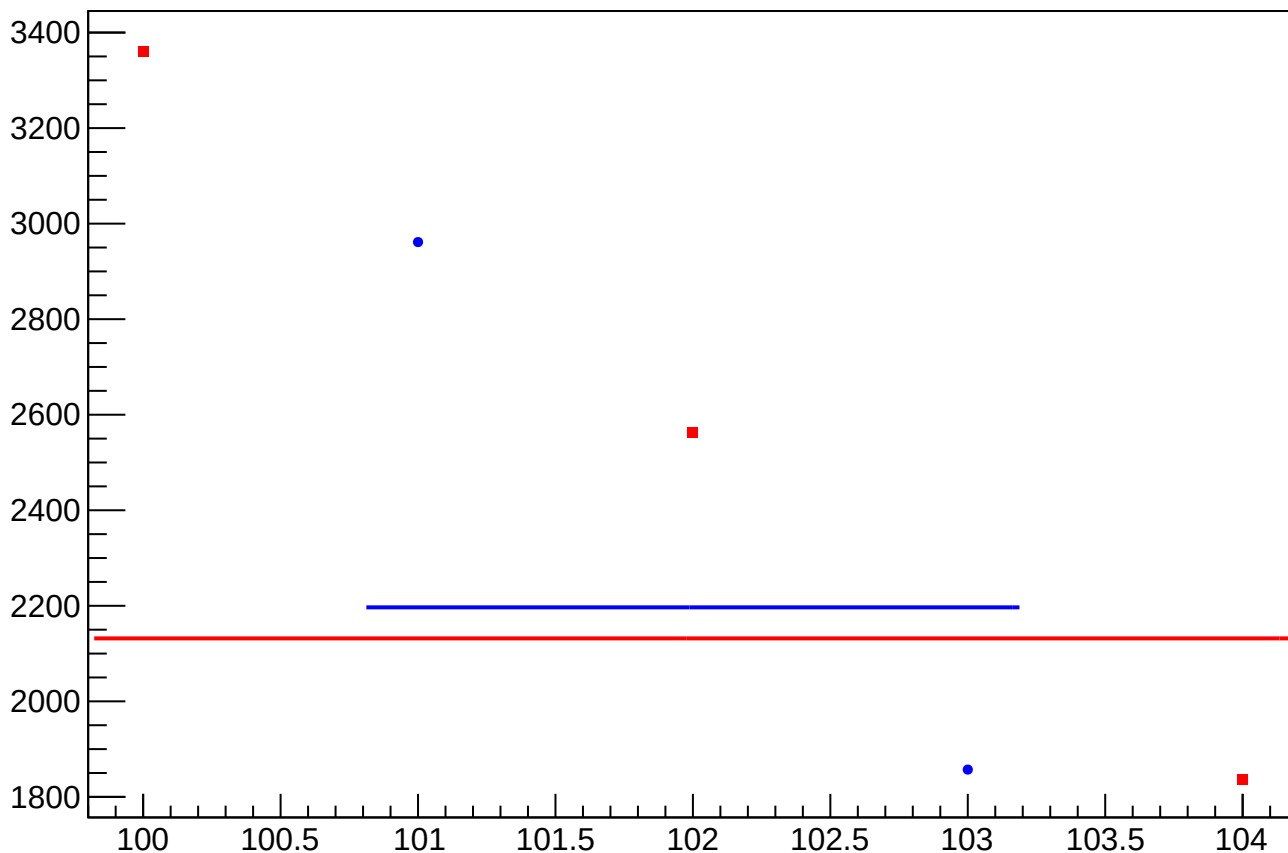
Right: 456.814+/-1430.953 χ^2/NDF : 4.6/4

In: 544.958+/-2029.259 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.814+/-1430.953 χ^2/NDF : 4.6/4

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: 2131.788+/-1.427 χ^2/NDF : 78171.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

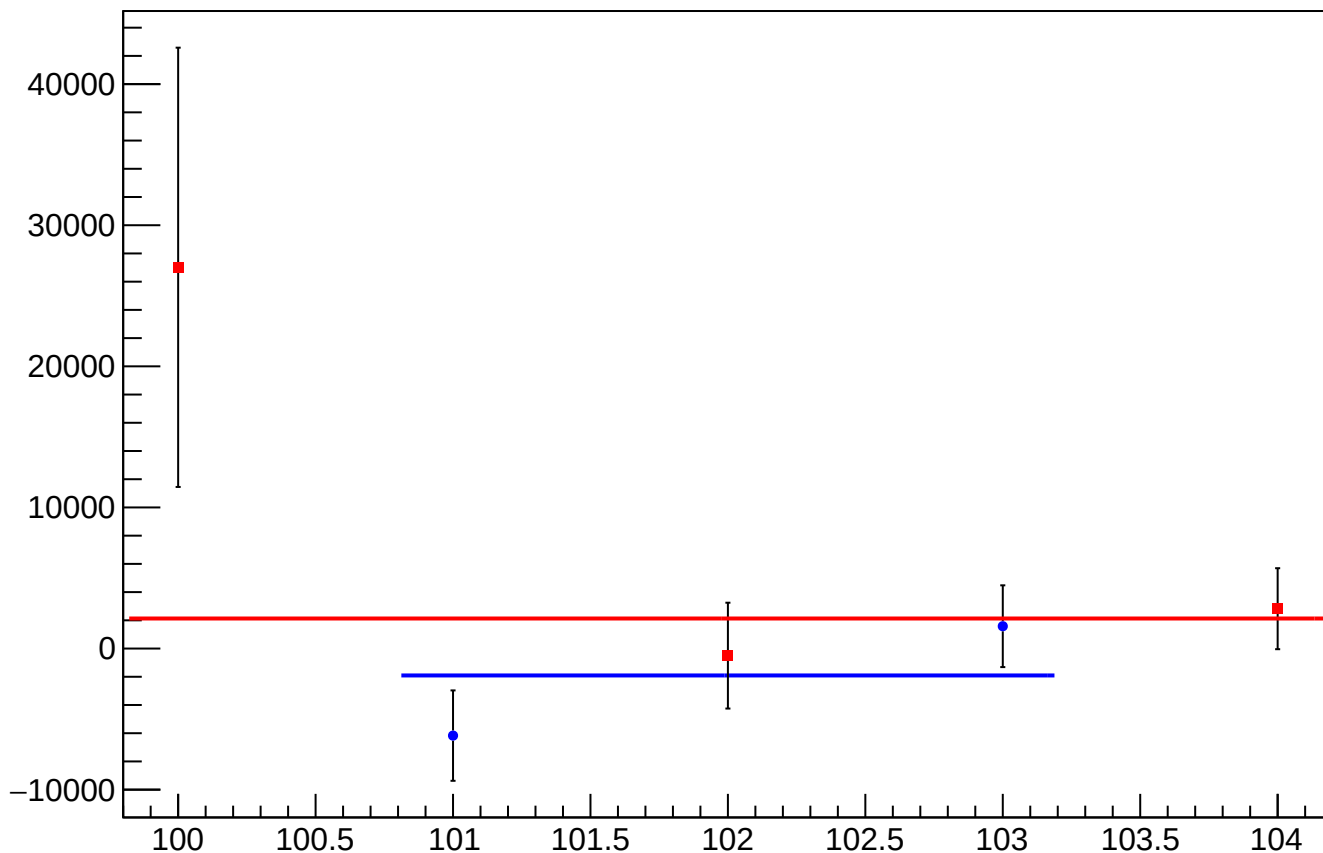
Right: 2164.090+/-1.012 χ^2/NDF : 205328.3/4

In: 2196.749+/-1.435 χ^2/NDF : 126126.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2164.090+/-1.012 χ^2/NDF : 205328.3/4

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1906.728 $\pm$ 2148.696 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2129.142 $\pm$ 2255.048 χ^2 /NDF: 3.1/2

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

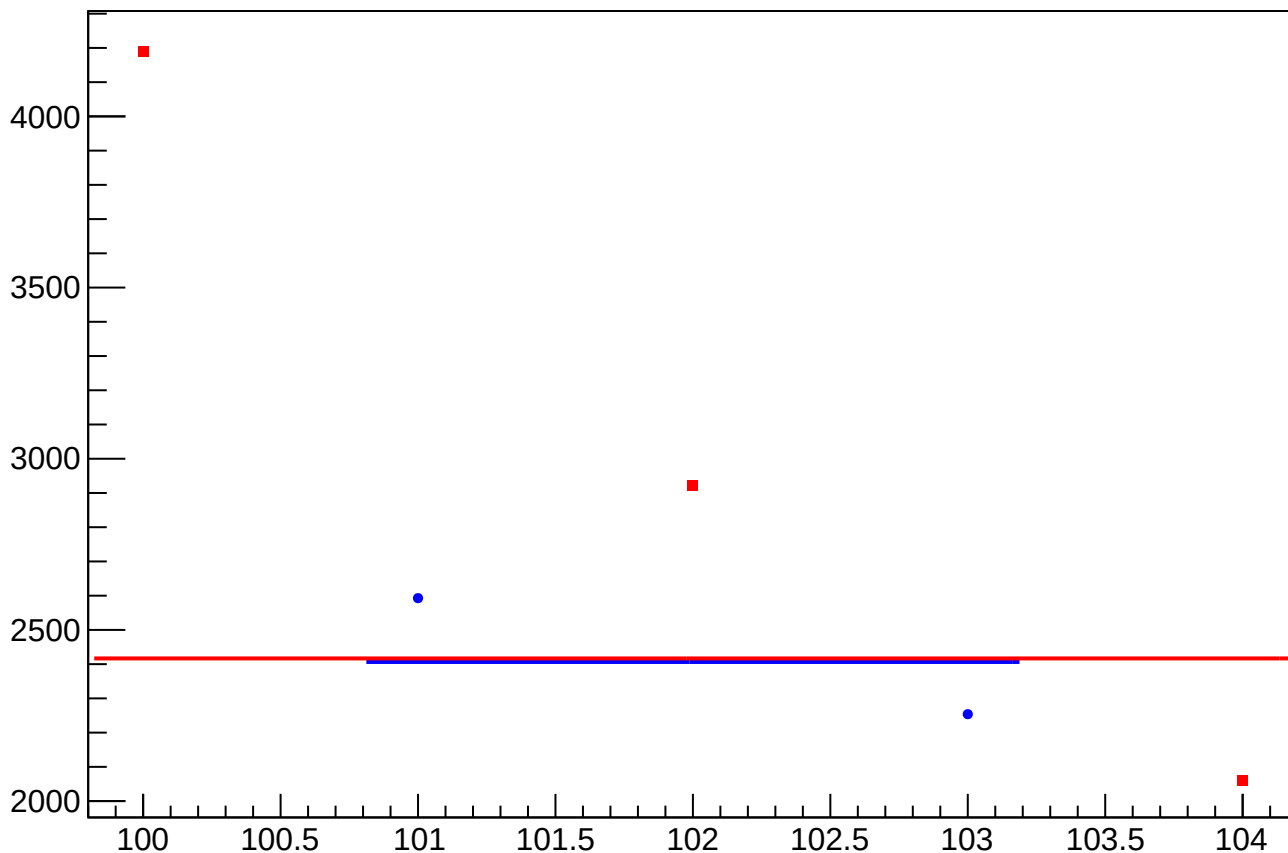
Right: 13.797 $\pm$ 1555.597 χ^2 /NDF: 8.0/4

In: -1906.728 $\pm$ 2148.696 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.797 $\pm$ 1555.597 χ^2 /NDF: 8.0/4

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: 2416.717+/-1.595 χ^2/NDF : 92764.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

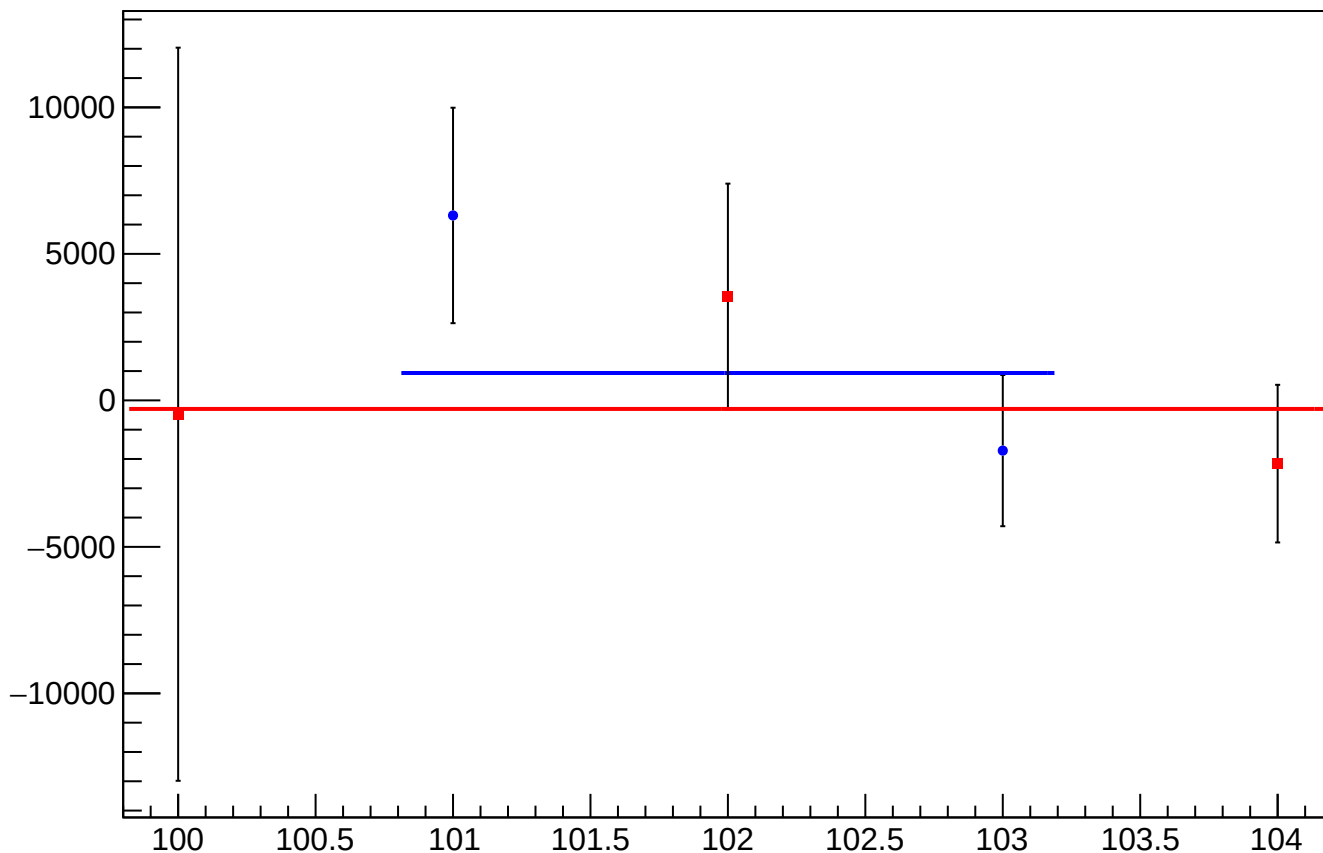
Right: 2411.310+/-1.100 χ^2/NDF : 105106.3/4

In: 2406.400+/-1.519 χ^2/NDF : 12319.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2411.310+/-1.100 χ^2/NDF : 105106.3/4

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: 934.661+/-2112.345 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -292.105+/-2171.452 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

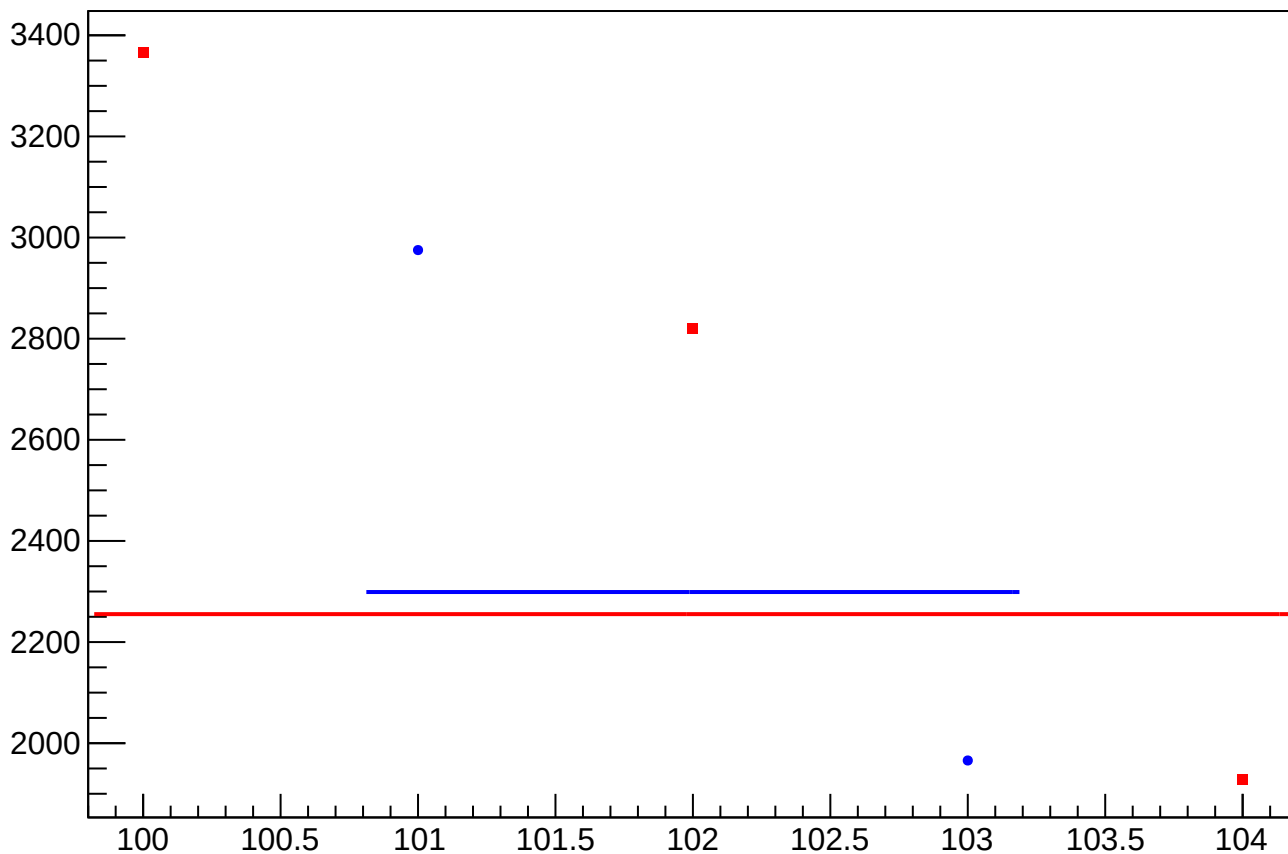
Right: 338.202+/-1514.118 χ^2/NDF : 4.8/4

In: 934.661+/-2112.345 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 338.202+/-1514.118 χ^2/NDF : 4.8/4

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: 2255.261+/-1.535 χ^2/NDF : 88678.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

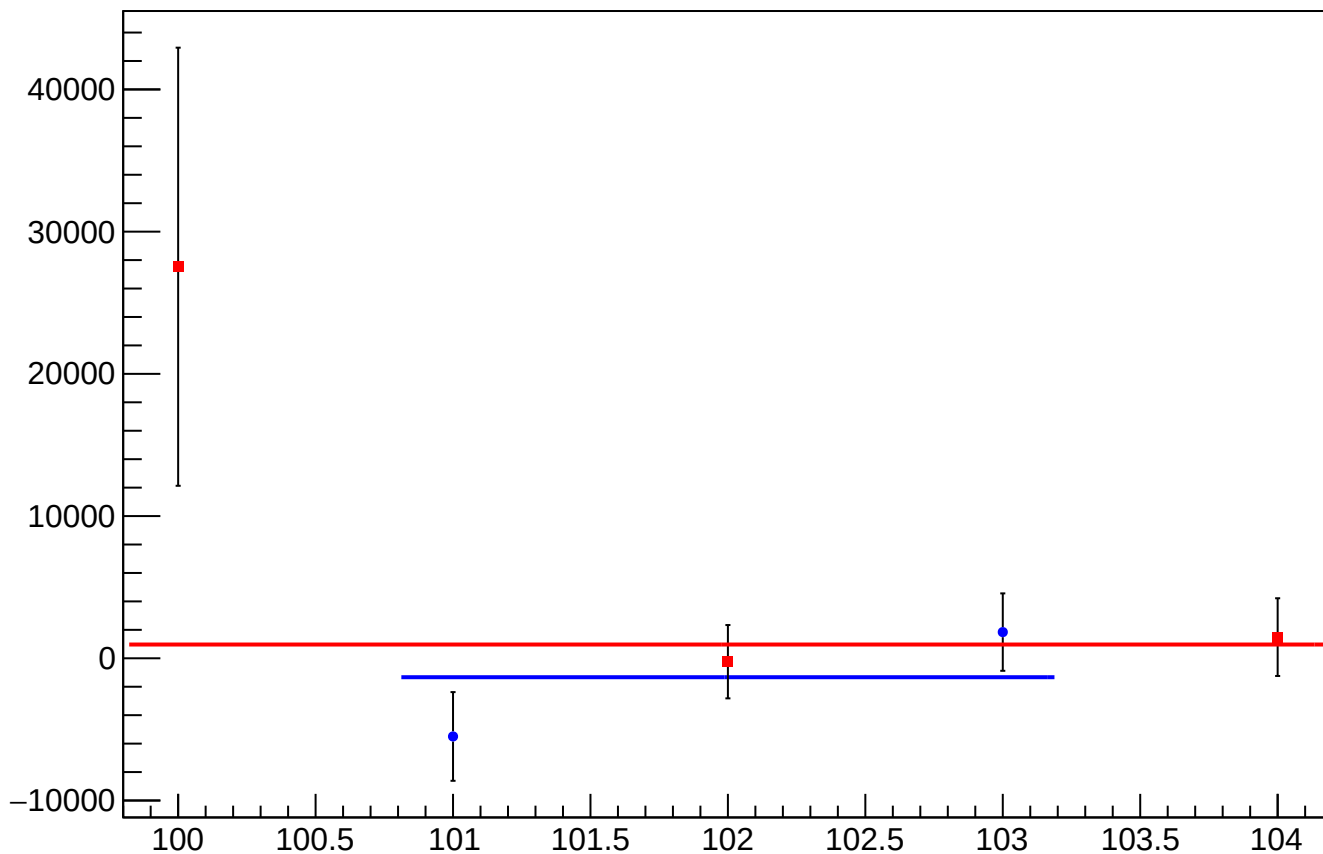
Right: 2277.720+/-1.071 χ^2/NDF : 190082.3/4

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2277.720+/-1.071 χ^2/NDF : 190082.3/4

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1330.780+/-2050.548 χ^2/NDF : 3.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 967.883+/-1861.573 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

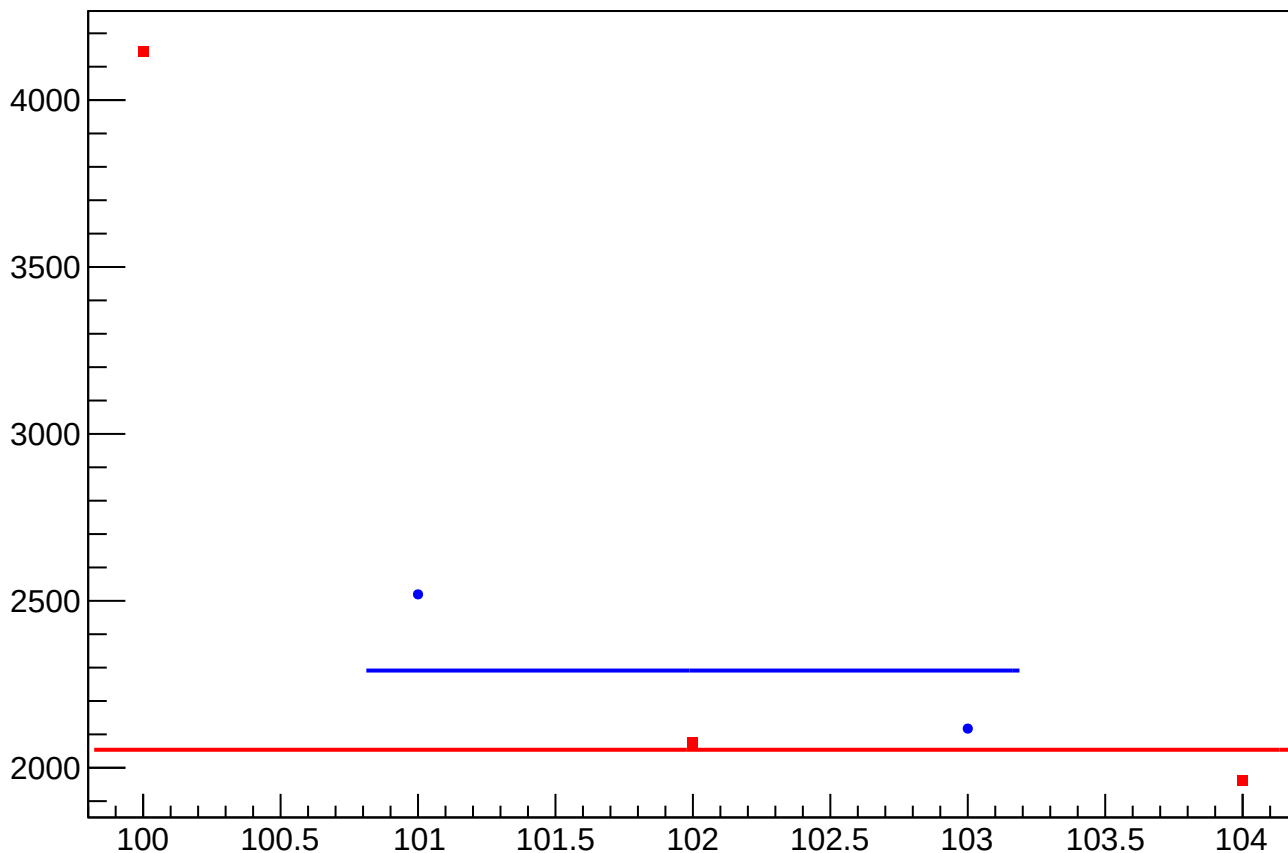
Right: -70.670+/-1378.309 χ^2/NDF : 7.1/4

In: -1330.780+/-2050.548 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.670+/-1378.309 χ^2/NDF : 7.1/4

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: 2053.877+/-1.316 χ^2/NDF : 39266.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

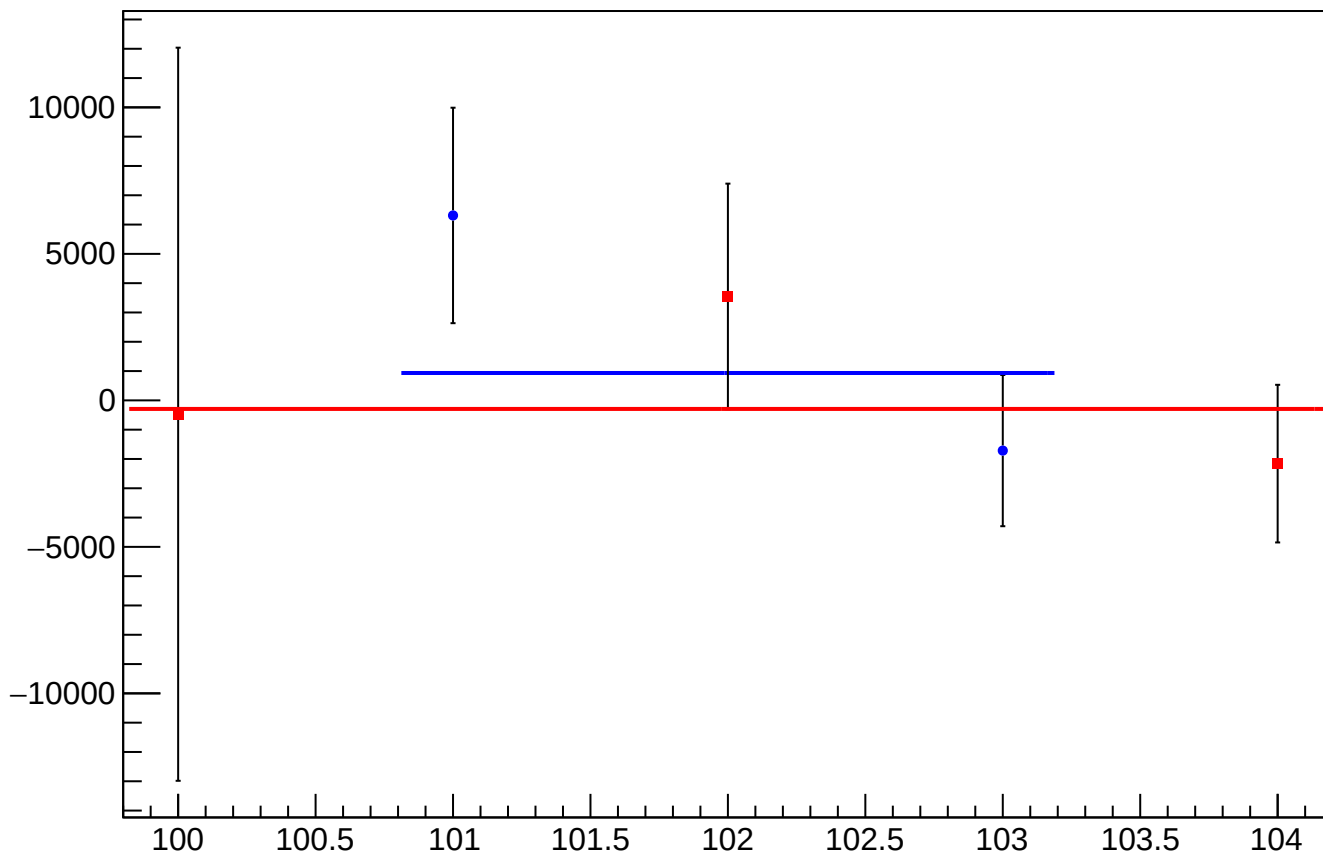
Right: 2161.099+/-0.975 χ^2/NDF : 72821.1/4

In: 2291.194+/-1.450 χ^2/NDF : 18869.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2161.099+/-0.975 χ^2/NDF : 72821.1/4

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: -292.102 $\pm$ 2171.452 χ^2 /NDF: 1.5/2

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

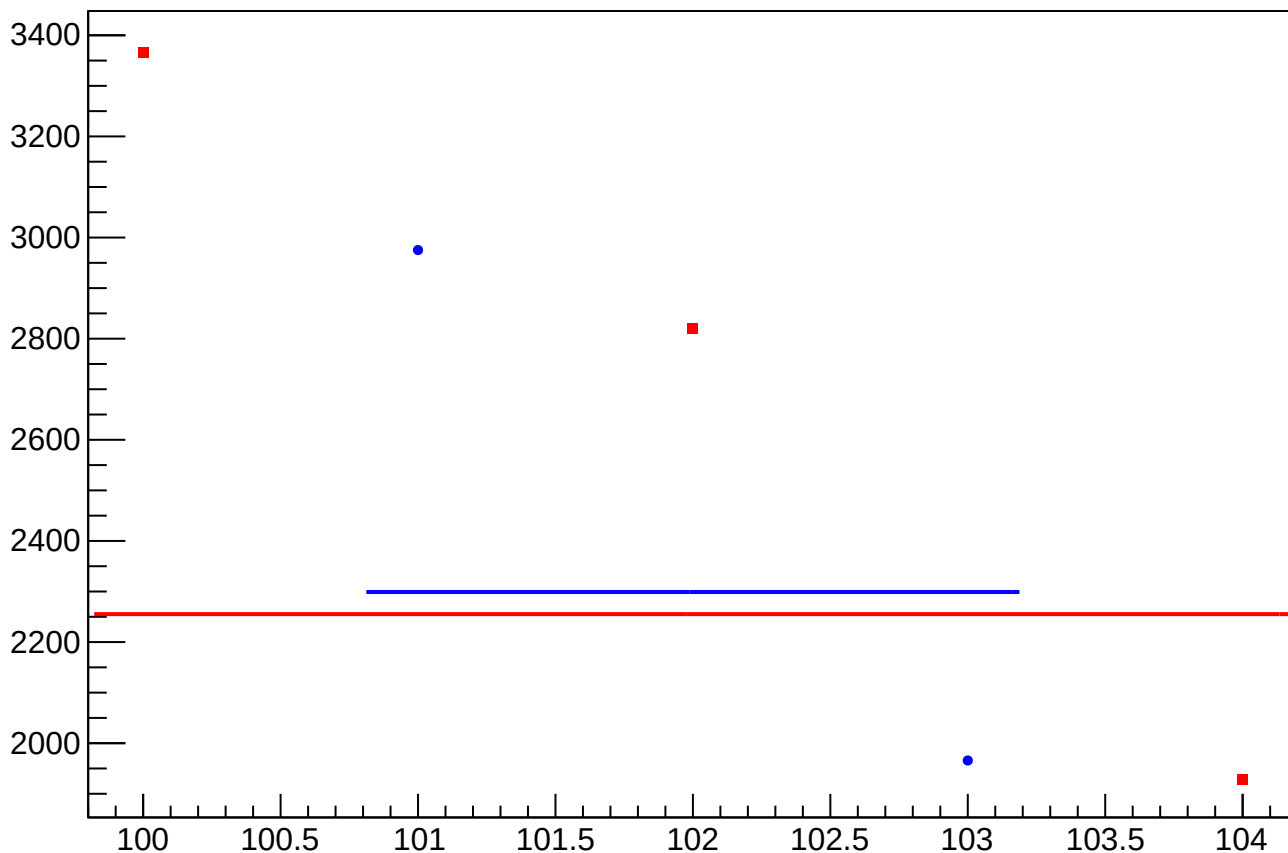
Right: 338.213 $\pm$ 1514.118 χ^2 /NDF: 4.8/4

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: 338.213 $\pm$ 1514.118 χ^2 /NDF: 4.8/4

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: 2255.261+/-1.535 χ^2/NDF : 88678.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

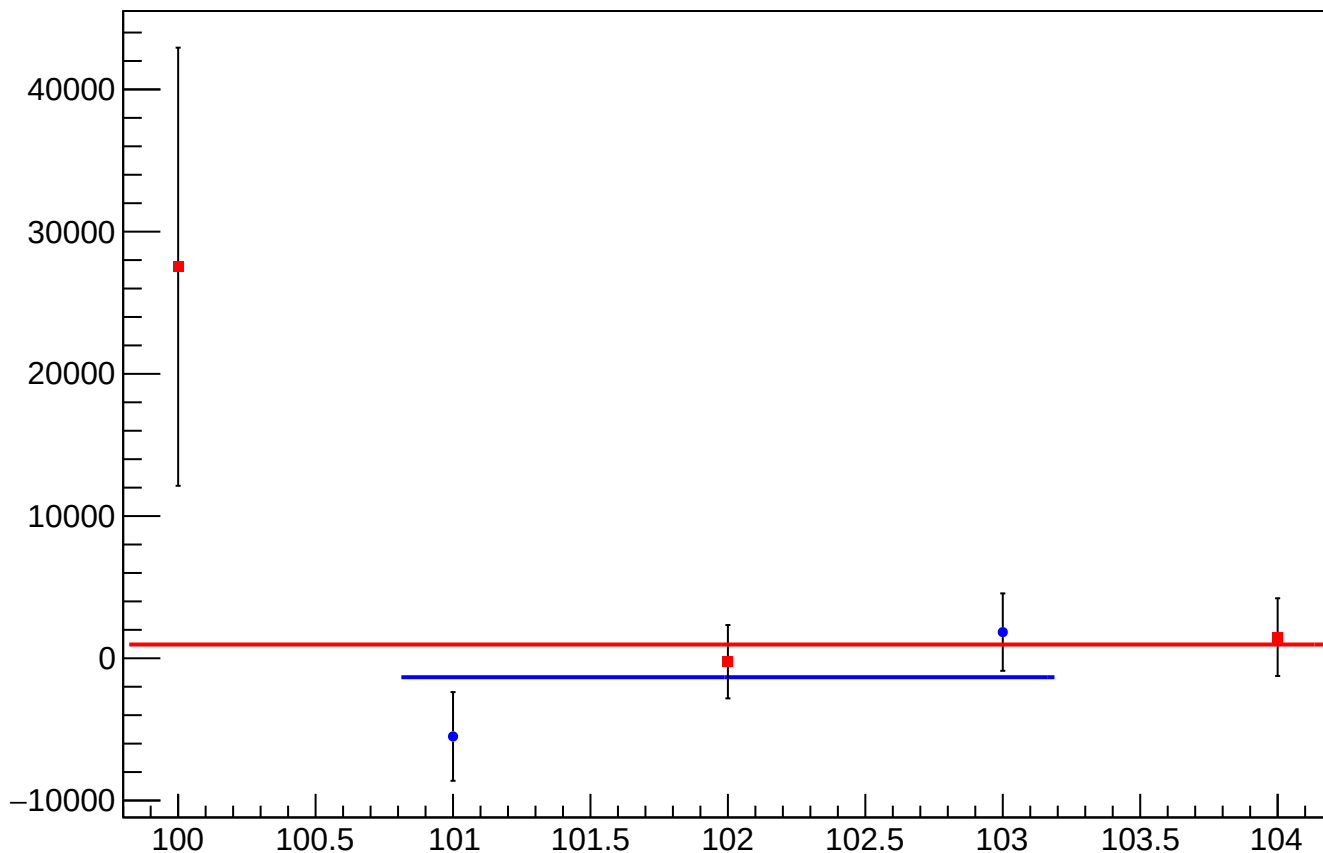
Right: 2277.720+/-1.071 χ^2/NDF : 190082.2/4

In: 2298.972+/-1.494 χ^2/NDF : 100987.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2277.720+/-1.071 χ^2/NDF : 190082.2/4

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: 967.890 $\pm$ 1861.579 χ^2 /NDF: 3.2/2

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

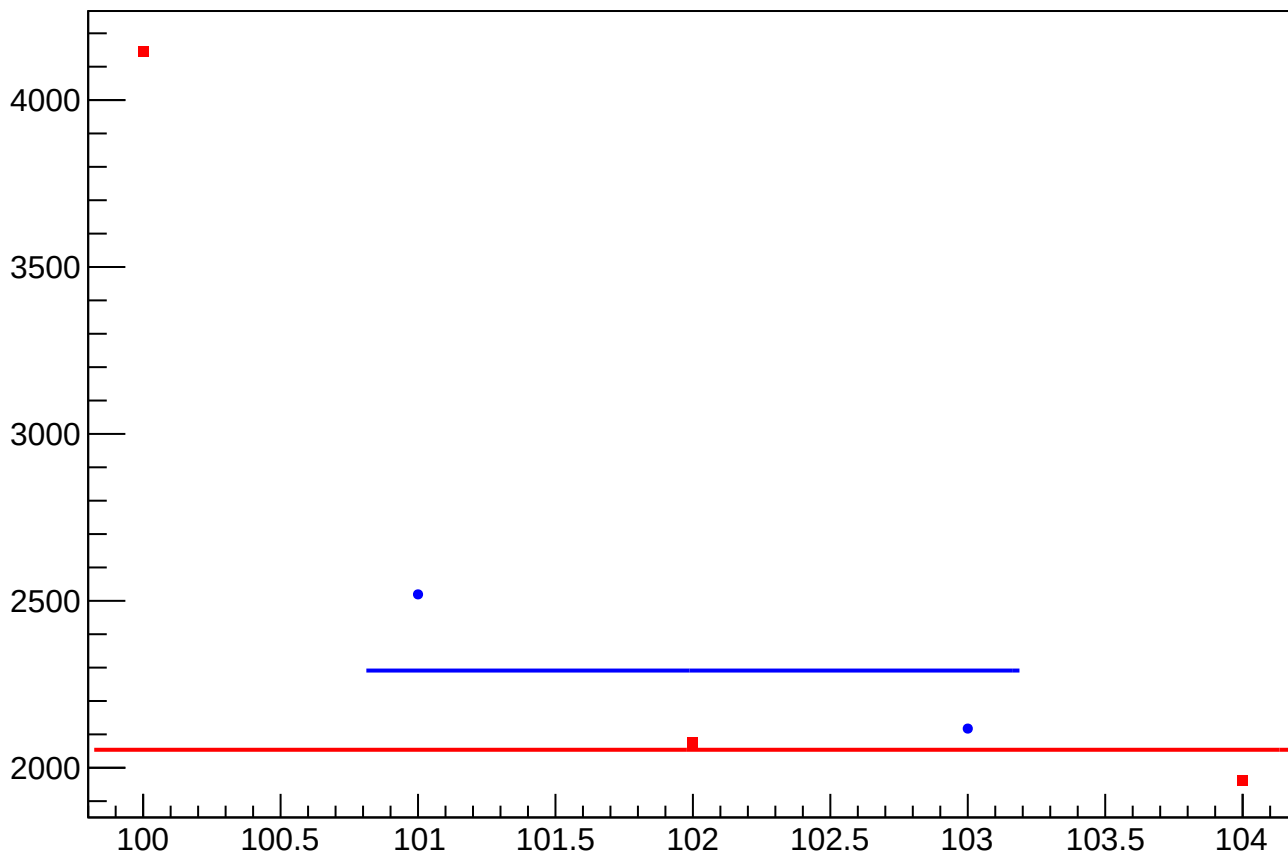
Right: -70.678 $\pm$ 1378.311 χ^2 /NDF: 7.1/4

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: -70.678 $\pm$ 1378.311 χ^2 /NDF: 7.1/4

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2291.194+/-1.450 χ^2/NDF : 18868.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.884+/-1.316 χ^2/NDF : 39265.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

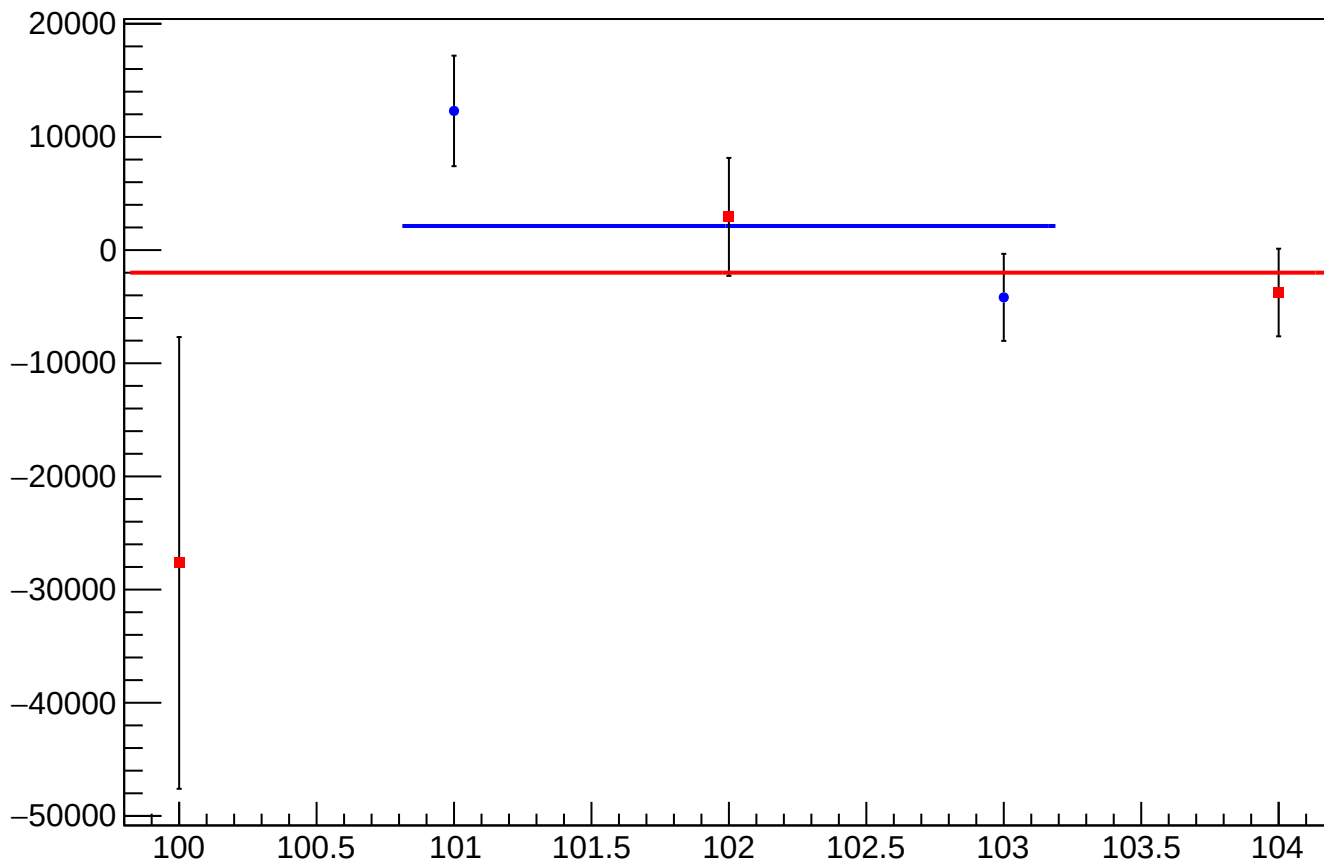
Right: 2161.103+/-0.975 χ^2/NDF : 72818.0/4

In: 2291.194+/-1.450 χ^2/NDF : 18868.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2161.103+/-0.975 χ^2/NDF : 72818.0/4

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: -1994.368+/-3070.492 χ^2 /NDF: 2.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

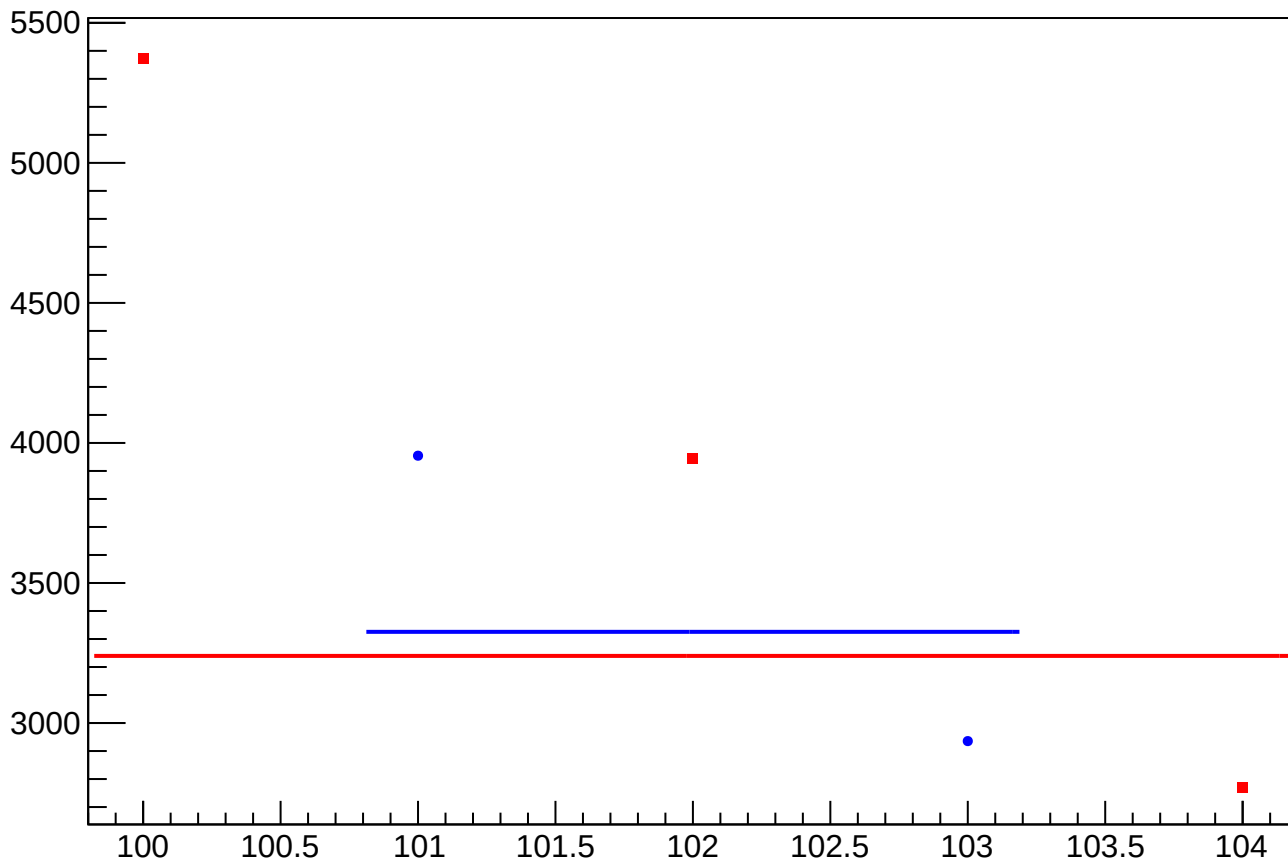
Right: 101.123+/-2153.519 χ^2 /NDF: 10.7/4

In: 2129.848+/-3021.180 χ^2 /NDF:7.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 101.123+/-2153.519 χ^2 /NDF: 10.7/4

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: 3239.645+/-2.171 χ^2/NDF : 88524.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

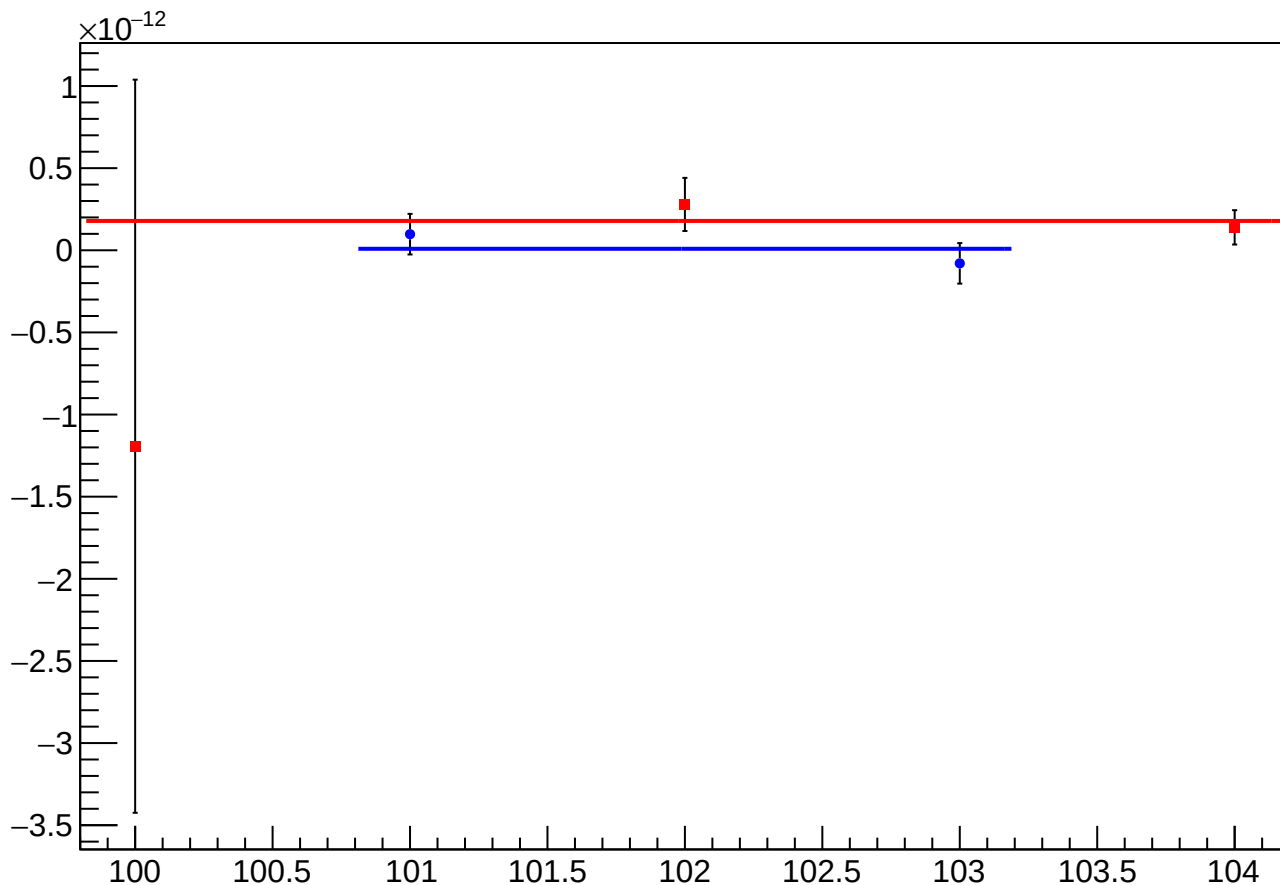
Right: 3283.305+/-1.523 χ^2/NDF : 143081.2/4

In: 3325.575+/-2.136 χ^2/NDF : 53761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3283.305+/-1.523 χ^2/NDF : 143081.2/4

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 : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

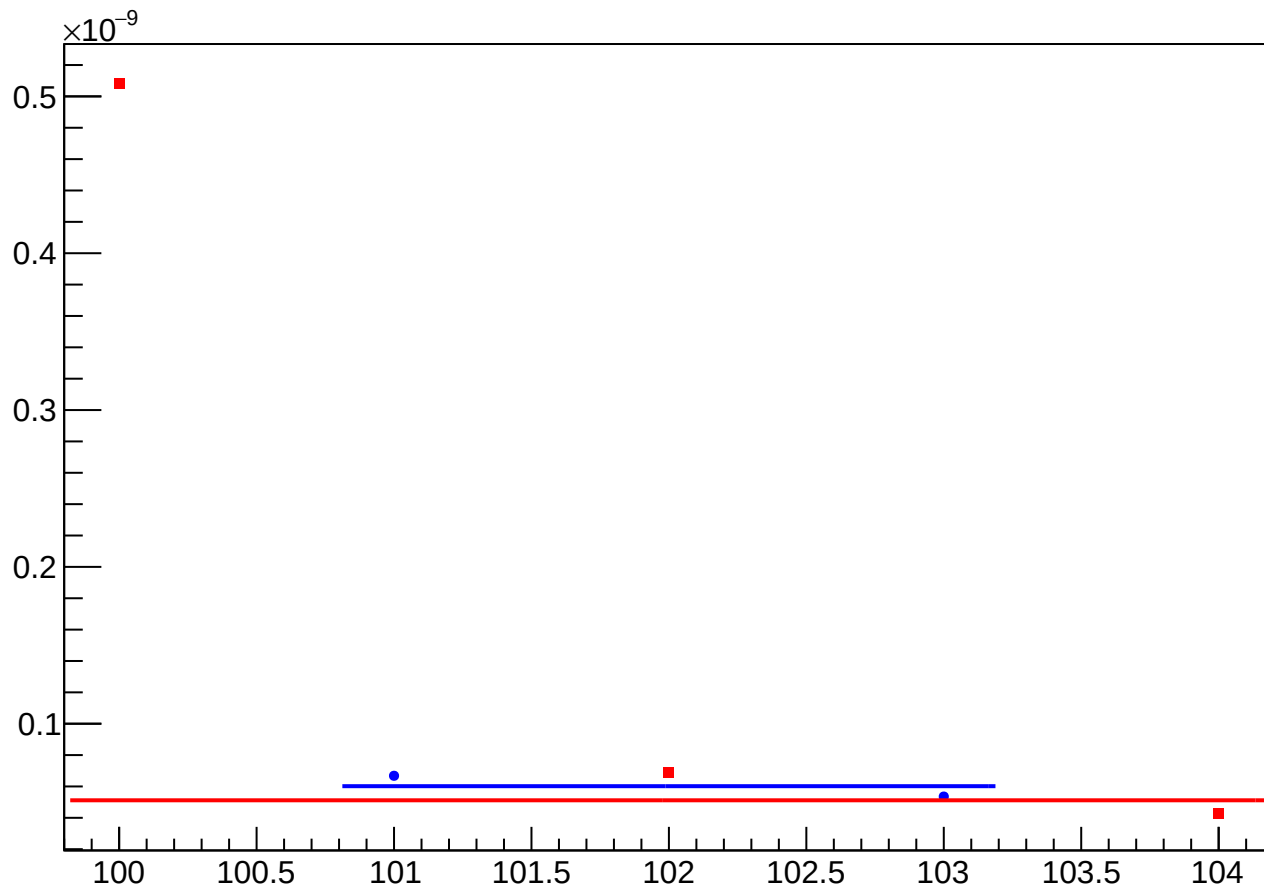
Right: 0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 3.8/4

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 : 122060.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

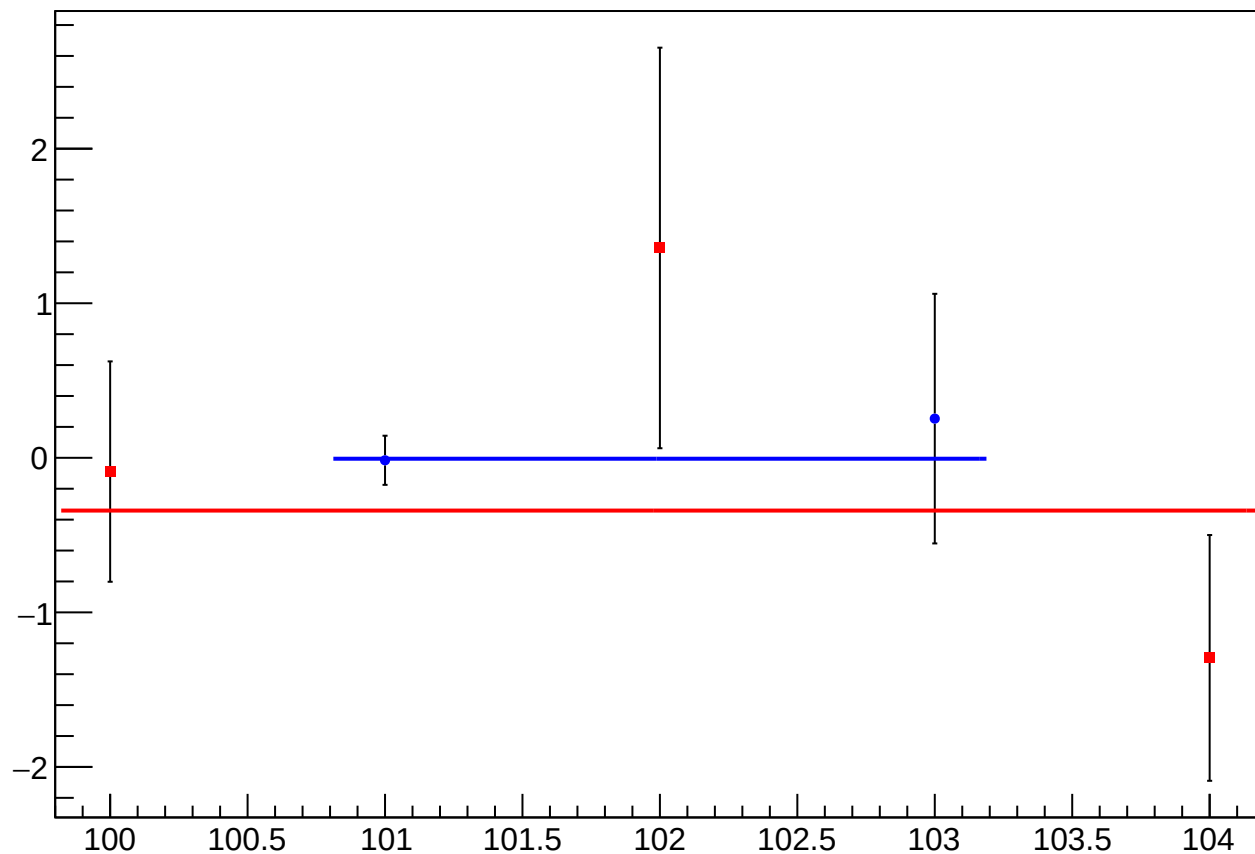
Right: 0.000+/-0.000 χ^2/NDF : 144159.1/4

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 : 144159.1/4

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: -0.341 $\pm$ 0.491 χ^2 /NDF: 3.3/2

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

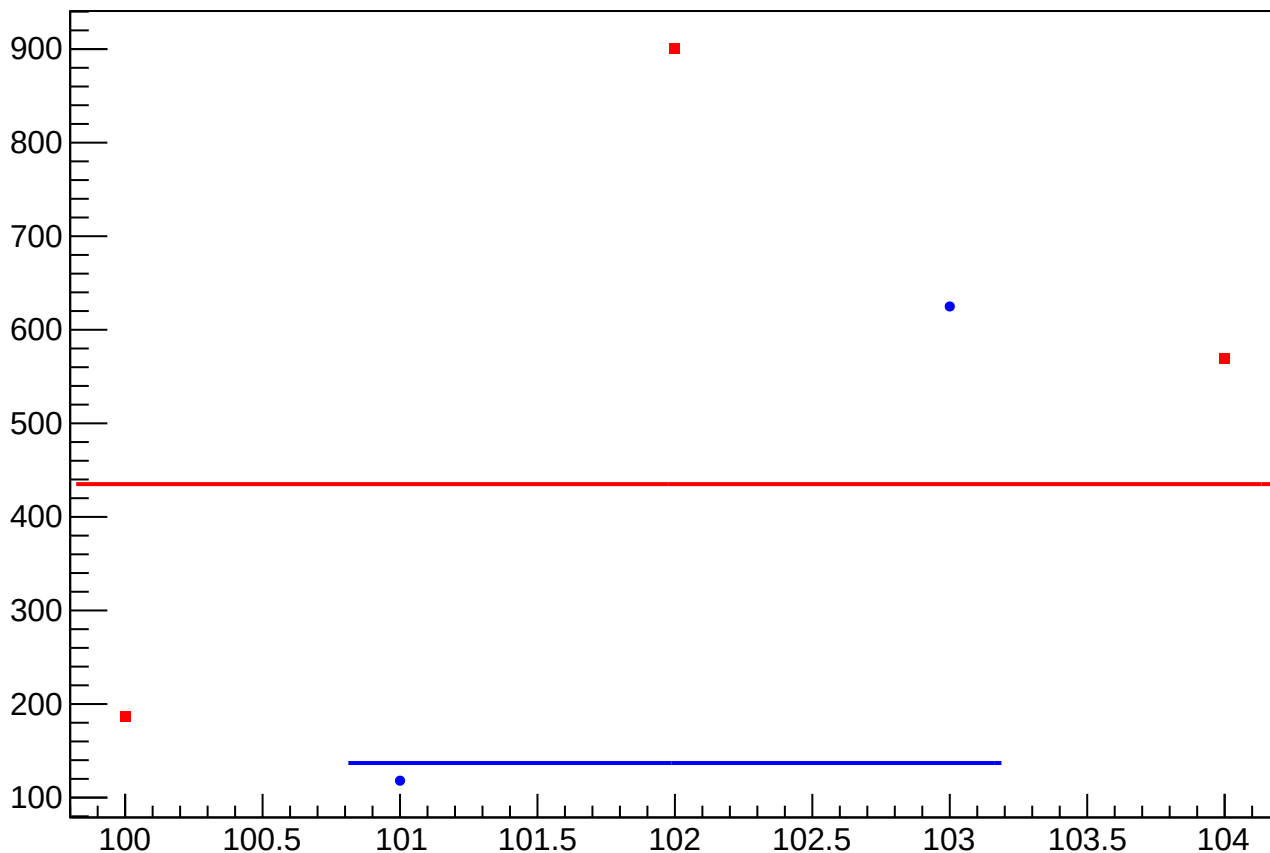
Right: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 136.970 $\pm$ 0.110 χ^2 /NDF: 758655.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 435.044 $\pm$ 0.347 χ^2 /NDF: 558093.0/2

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

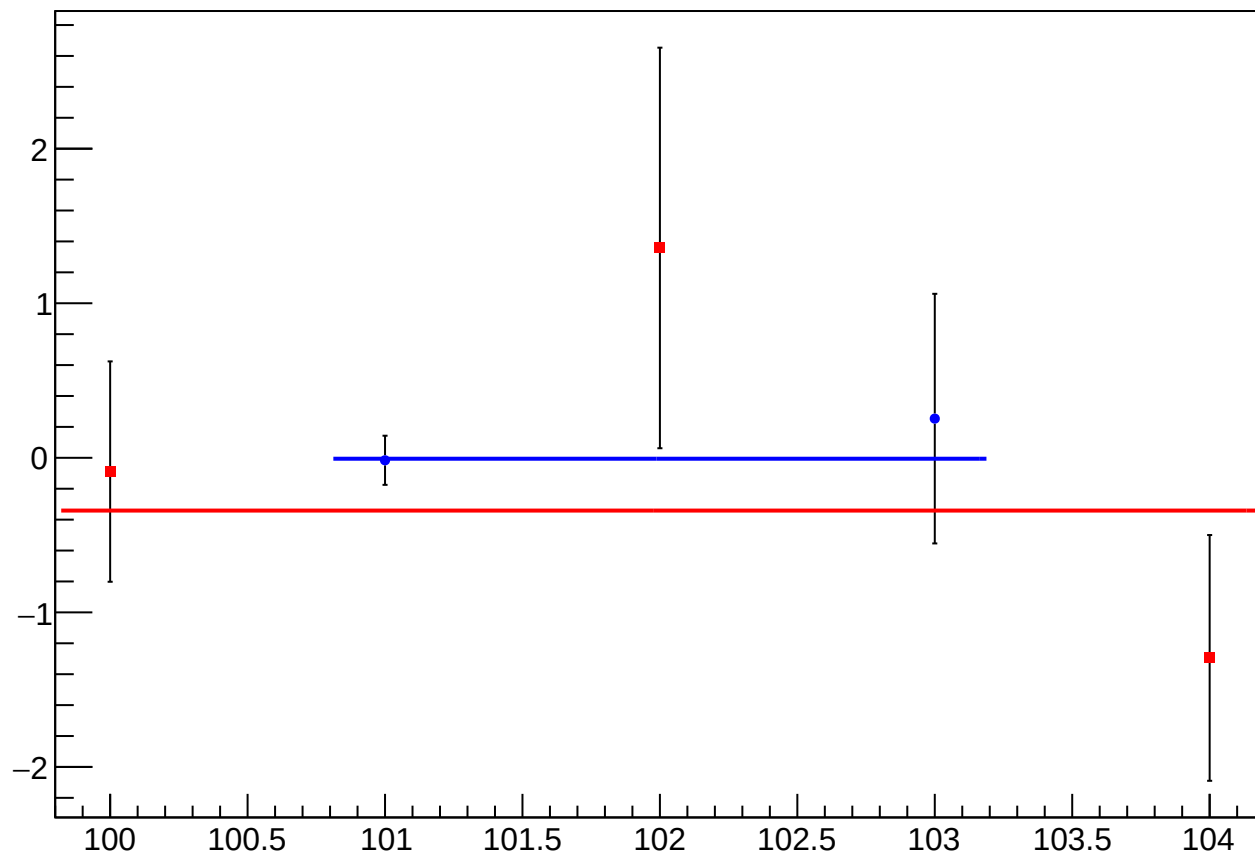
Right: 164.271 $\pm$ 0.105 χ^2 /NDF: 1985864.1/4

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: 164.271 $\pm$ 0.105 χ^2 /NDF: 1985864.1/4

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: -0.341 $\pm$ 0.491 χ^2 /NDF: 3.3/2

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

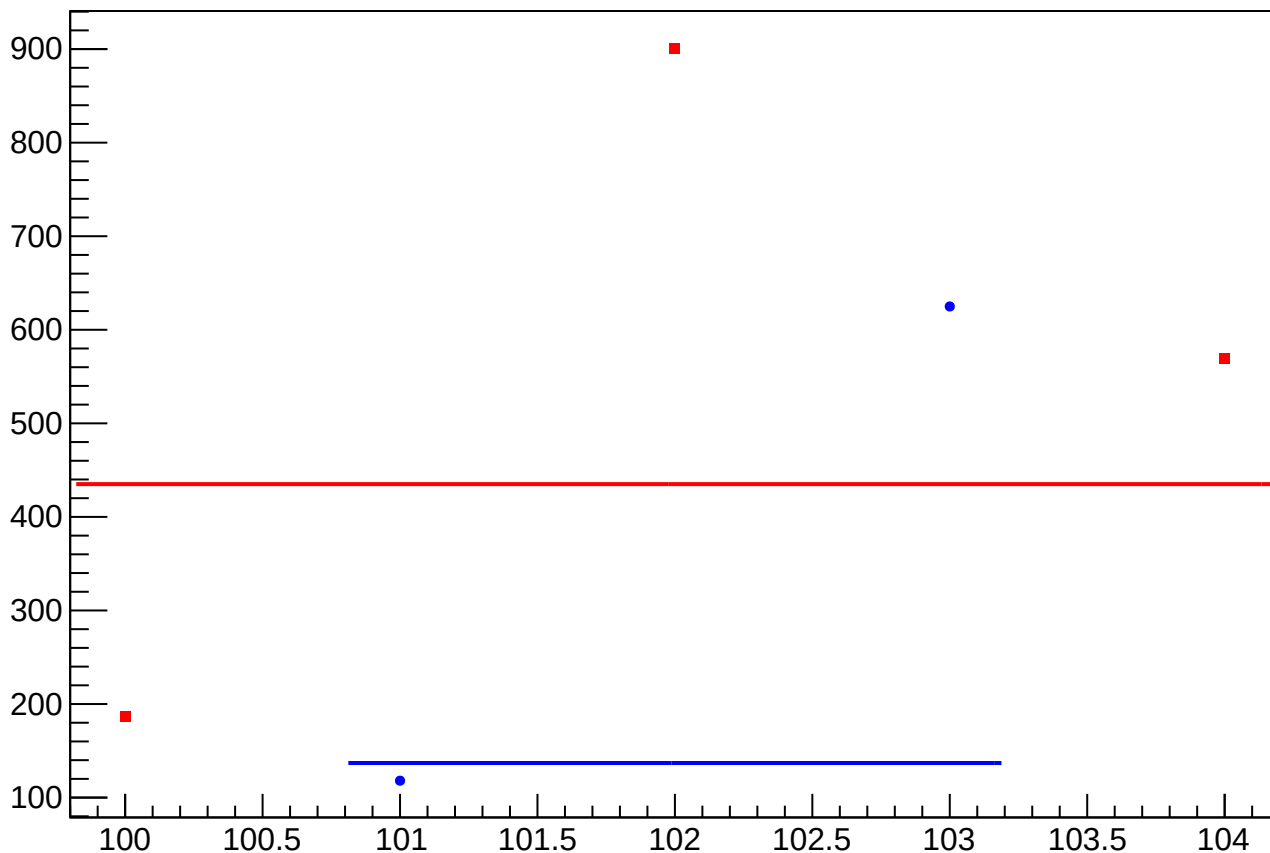
Right: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: 435.044 $\pm$ 0.347 χ^2 /NDF: 558093.0/2

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

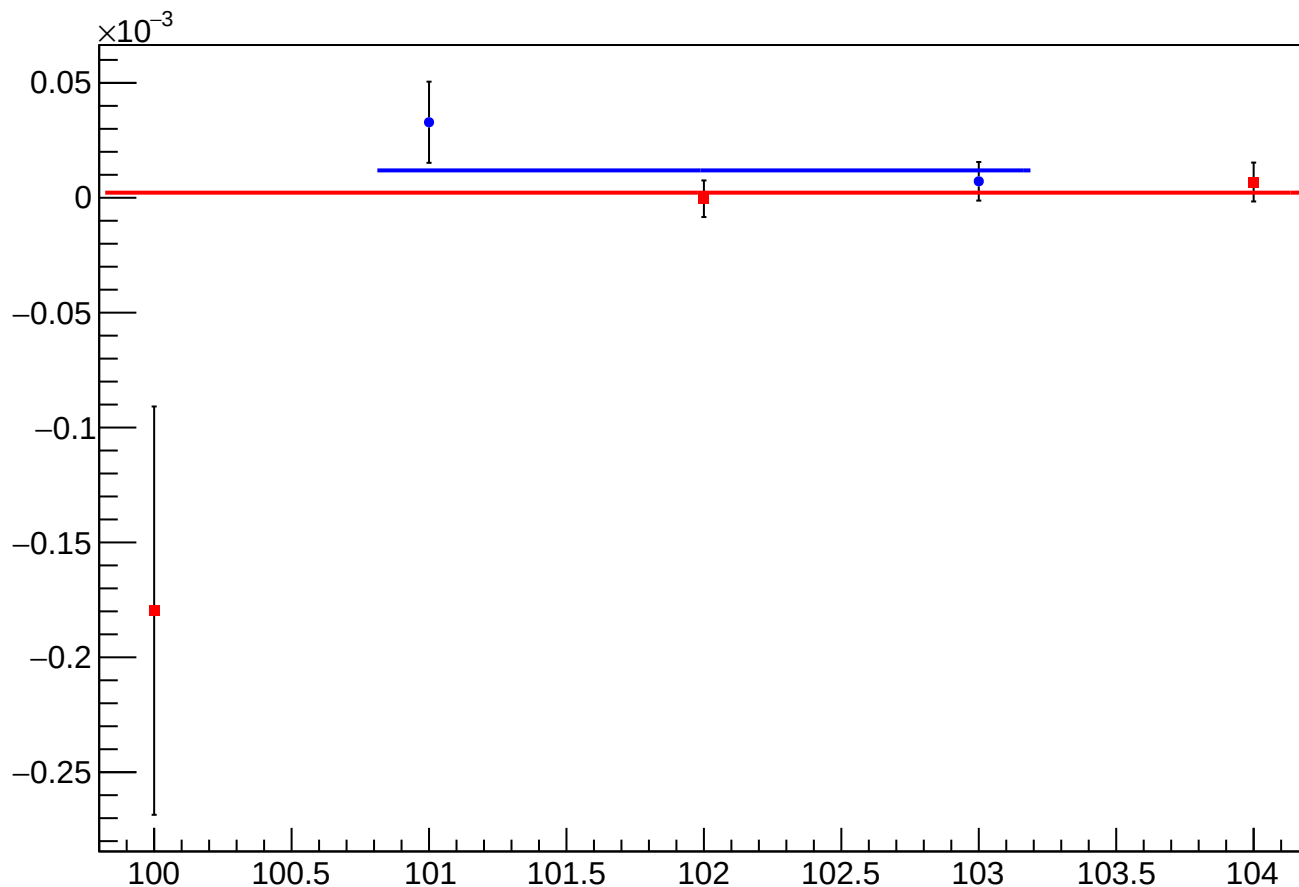
Right: 164.271 $\pm$ 0.105 χ^2 /NDF: 1985864.1/4

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: 164.271 $\pm$ 0.105 χ^2 /NDF: 1985864.1/4

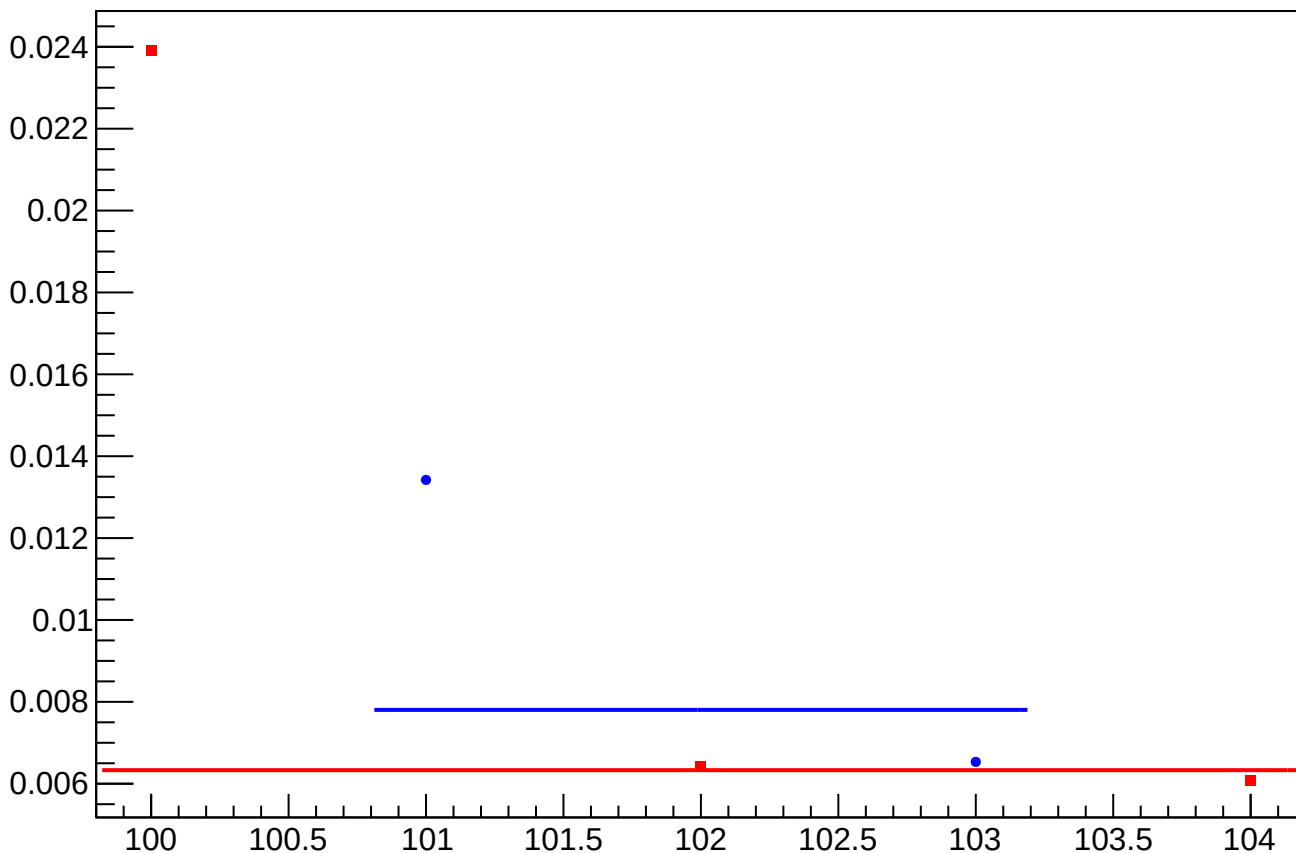
asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 4.6/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 7.4/4
 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 : 7.4/4

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 : 80360.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

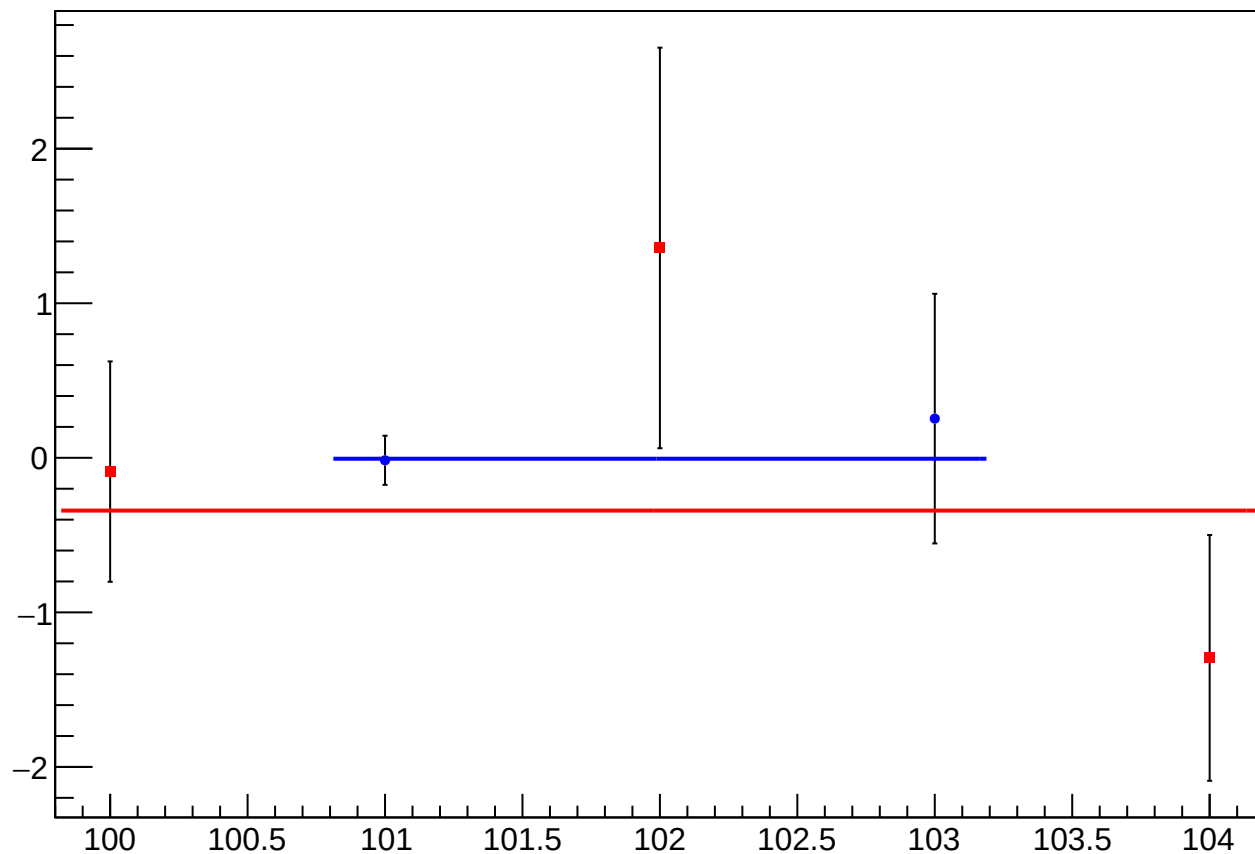
Right: 0.007+/-0.000 χ^2/NDF : 376150.2/4

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 : 376150.2/4

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: -0.341 $\pm$ 0.491 χ^2 /NDF: 3.3/2

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

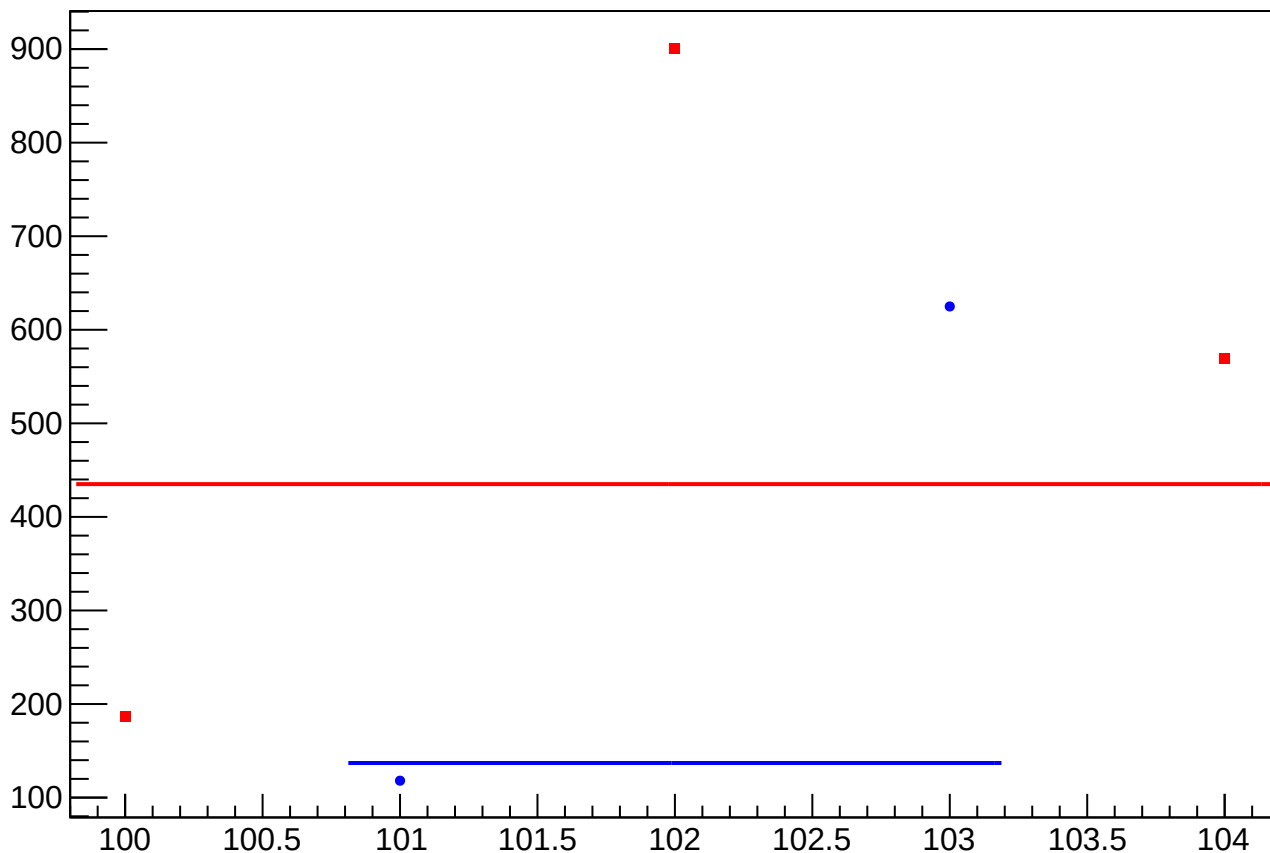
Right: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_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: 435.043 $\pm$ 0.347 χ^2 /NDF: 558094.4/2

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

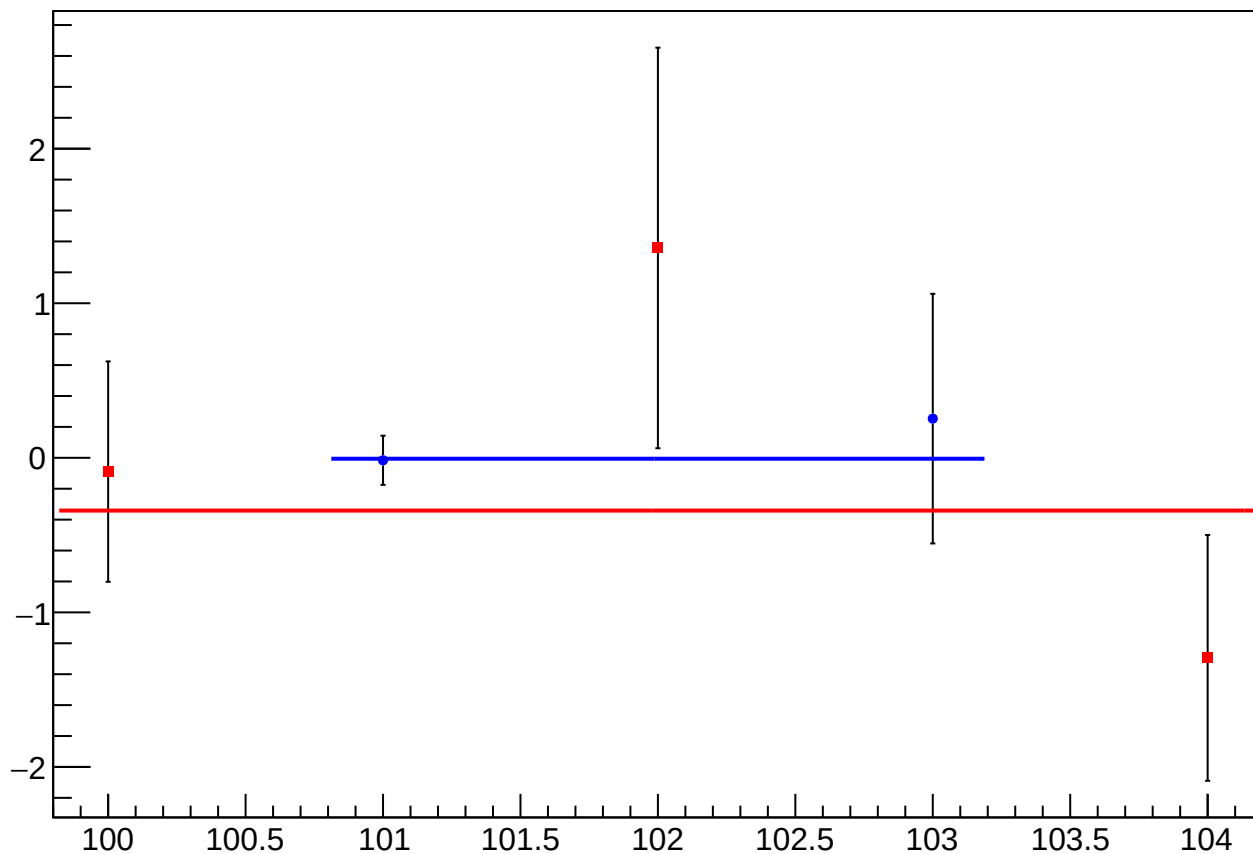
Right: 164.275 $\pm$ 0.105 χ^2 /NDF: 1985837.7/4

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: 164.275 $\pm$ 0.105 χ^2 /NDF: 1985837.7/4

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: -0.341 $\pm$ 0.491 χ^2 /NDF: 3.3/2

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

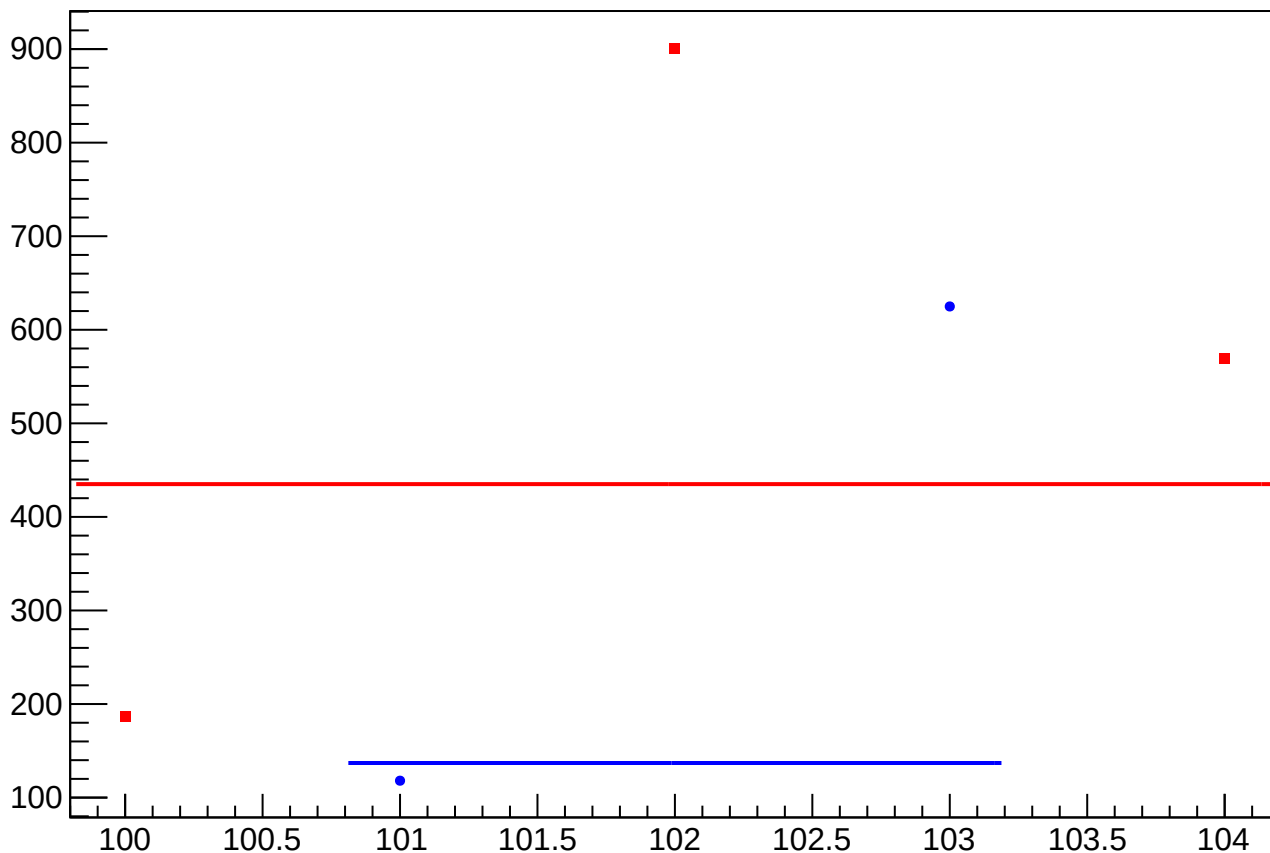
Right: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: -0.037 $\pm$ 0.149 χ^2 /NDF: 3.8/4

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: 435.043 $\pm$ 0.347 χ^2 /NDF: 558094.4/2

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

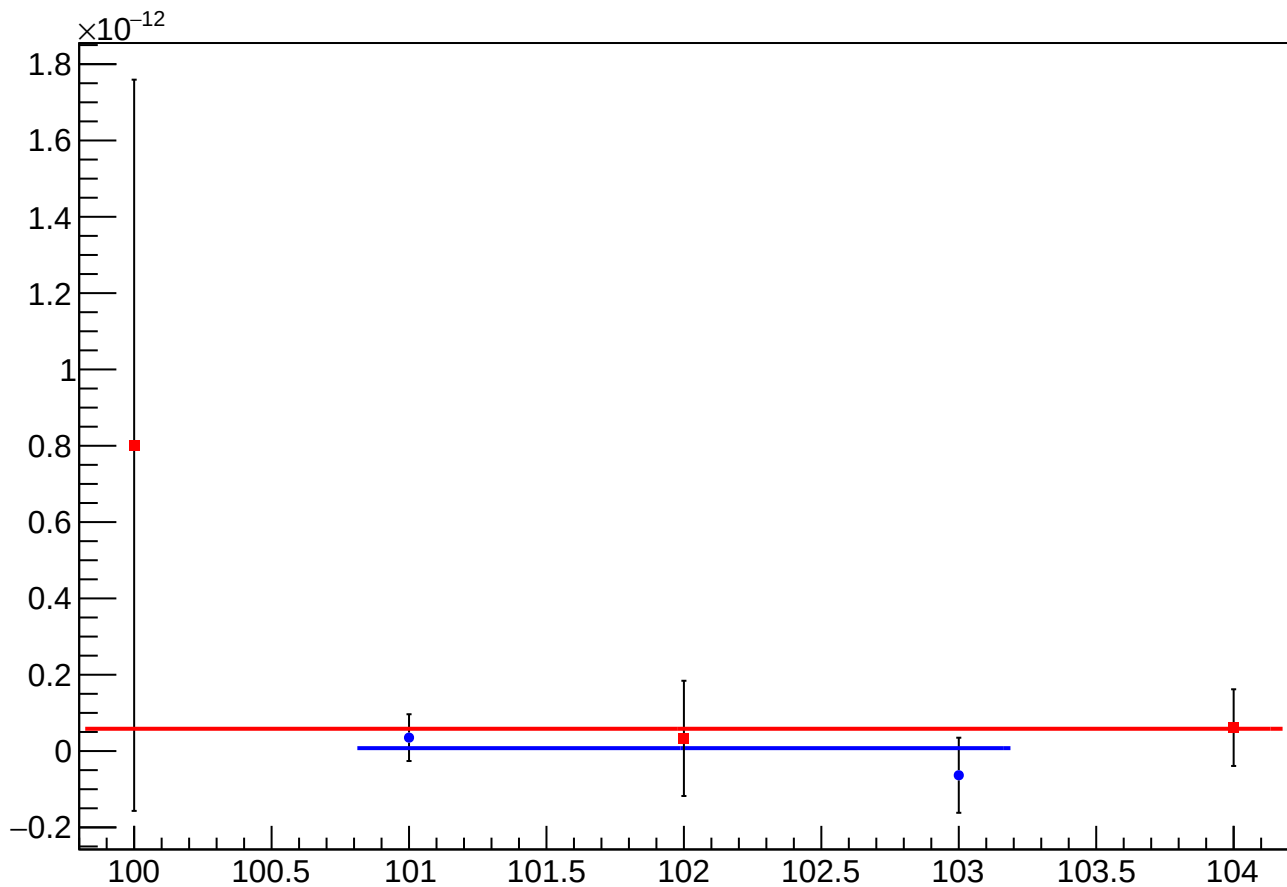
Right: 164.275 $\pm$ 0.105 χ^2 /NDF: 1985837.7/4

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: 164.275 $\pm$ 0.105 χ^2 /NDF: 1985837.7/4

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

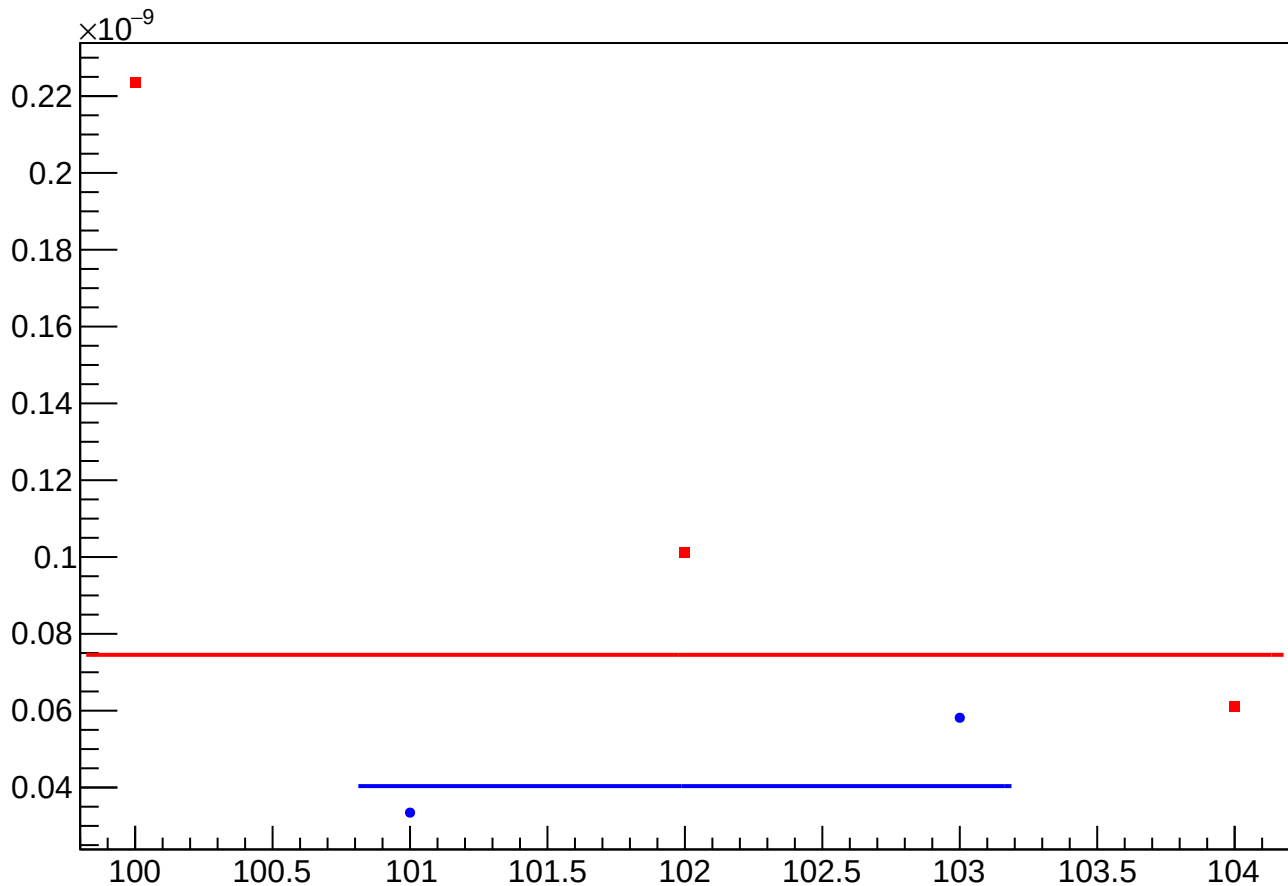
Right: 0.000+/-0.000 χ^2/NDF : 1.6/4

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 : 1.6/4

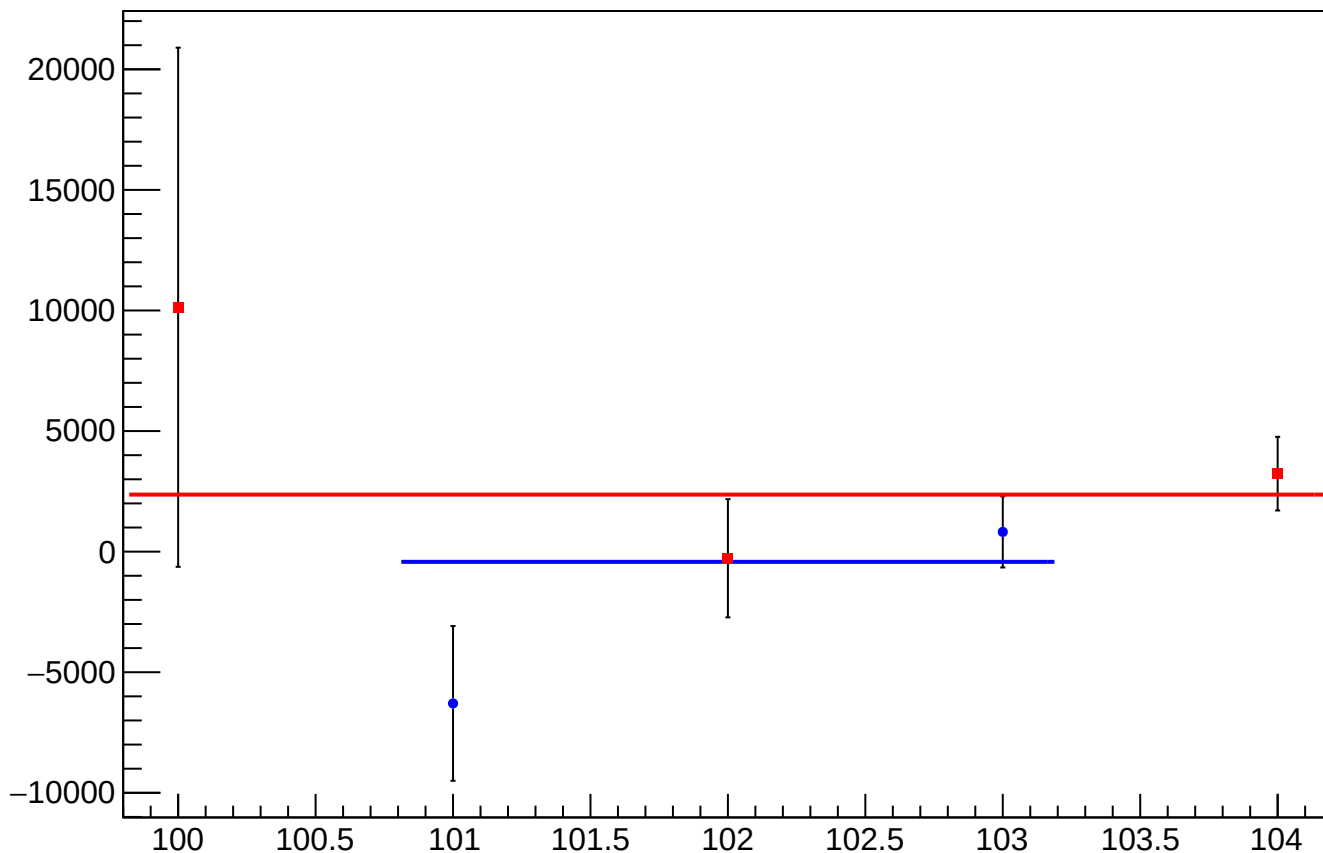
asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 145836.5/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 478805.8/4
 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 : 478805.8/4

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: 2365.766+/-1286.495 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

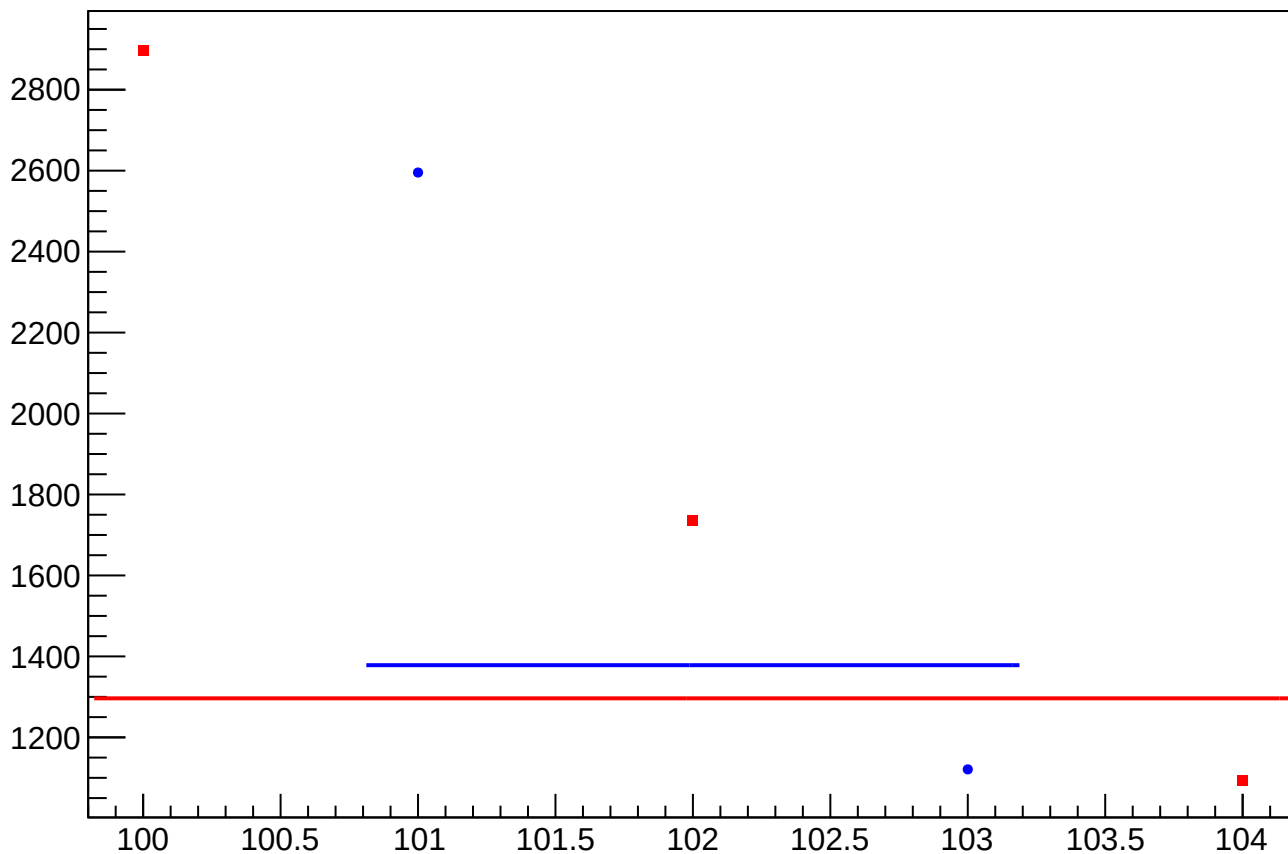
Right: 1028.952+/-928.197 χ^2/NDF : 8.3/4

In: -422.471+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.952+/-928.197 χ^2/NDF : 8.3/4

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: 1296.420+/-0.910 χ^2/NDF : 143689.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

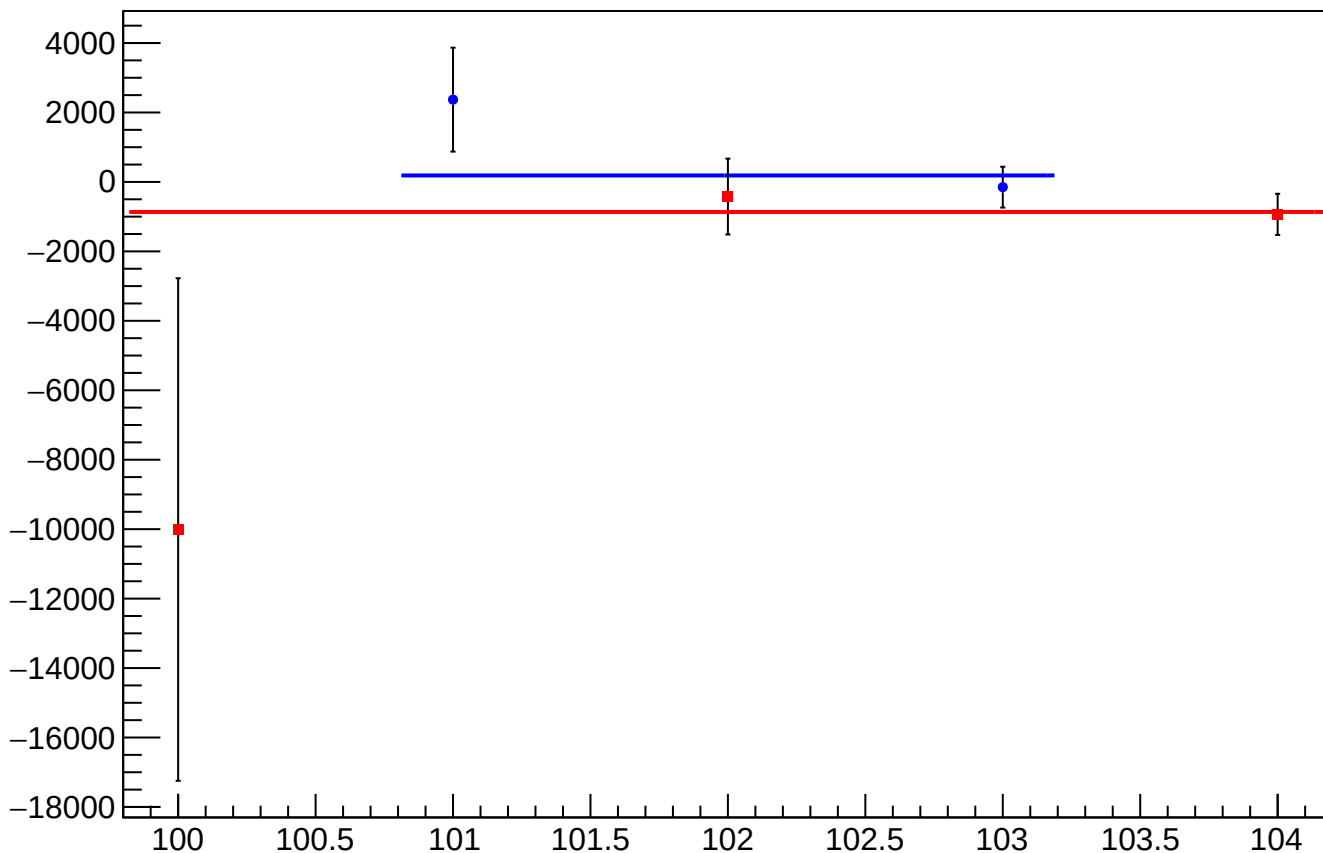
Right: 1335.685+/-0.656 χ^2/NDF : 496156.2/4

In: 1378.315+/-0.948 χ^2/NDF : 348581.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.685+/-0.656 χ^2/NDF : 496156.2/4

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: -864.785+/-519.636 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

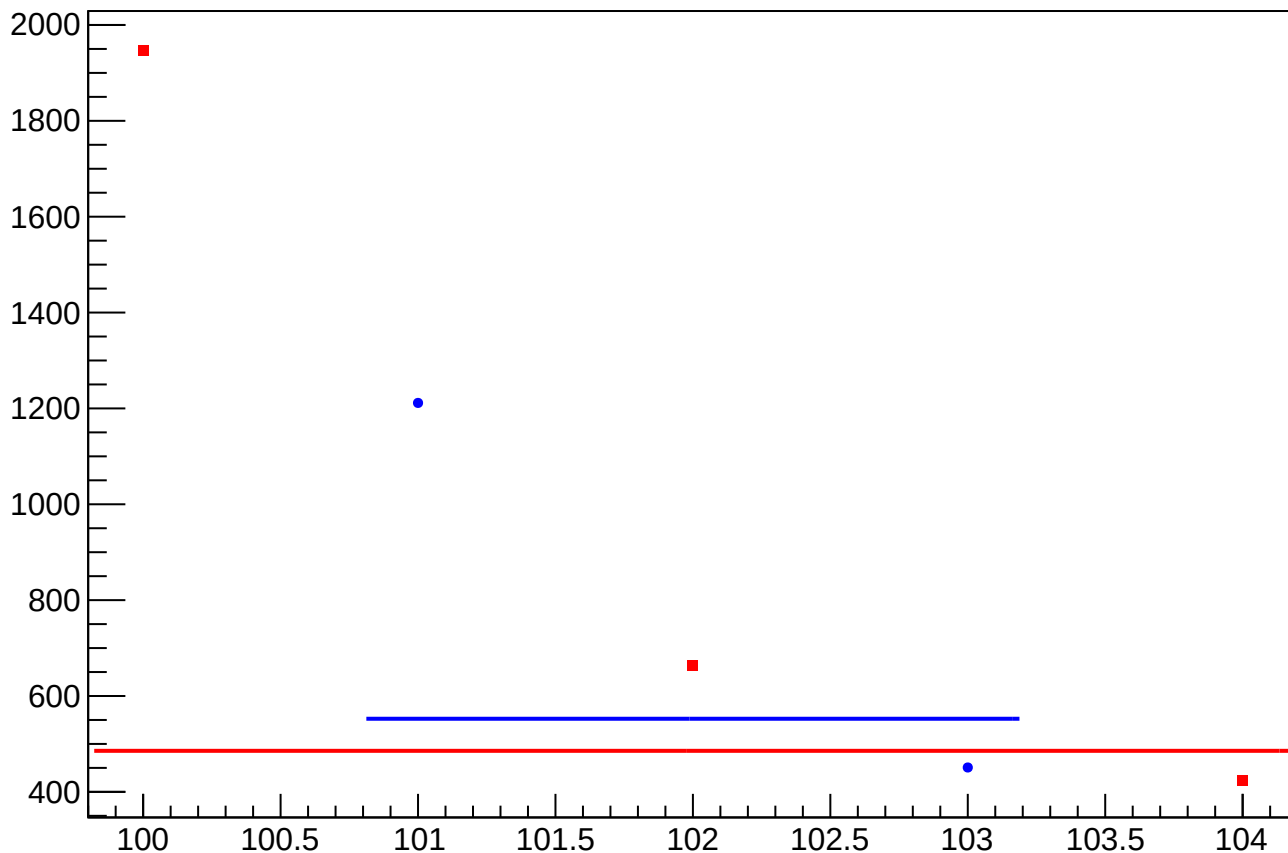
Right: -366.304+/-376.809 χ^2/NDF : 6.2/4

In: 186.480+/-547.209 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.304+/-376.809 χ^2/NDF : 6.2/4

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: 485.614+/-0.367 χ^2/NDF : 156487.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

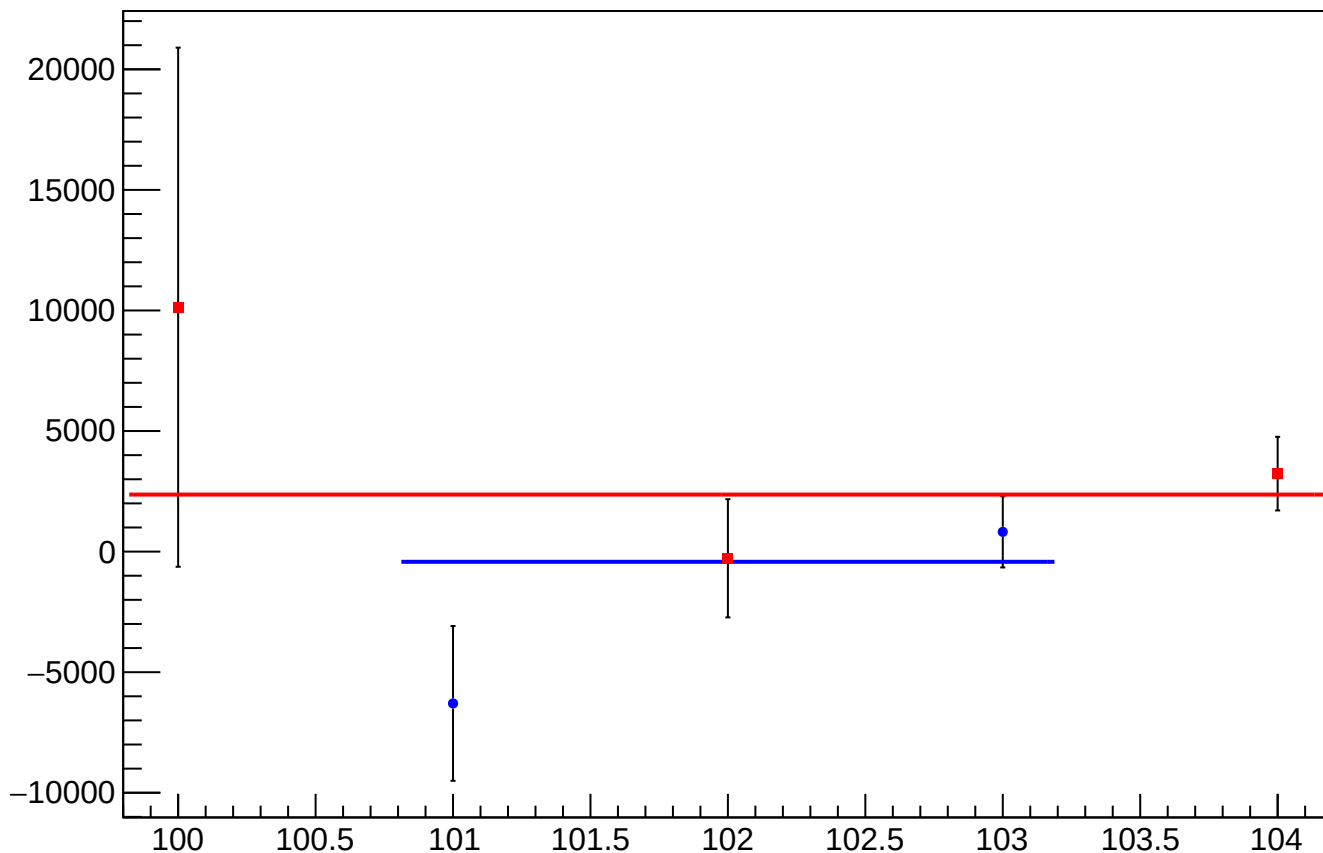
Right: 517.345+/-0.266 χ^2/NDF : 619723.2/4

In: 552.532+/-0.387 χ^2/NDF :447508.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 517.345+/-0.266 χ^2/NDF : 619723.2/4

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: 2365.038+/-1286.495 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

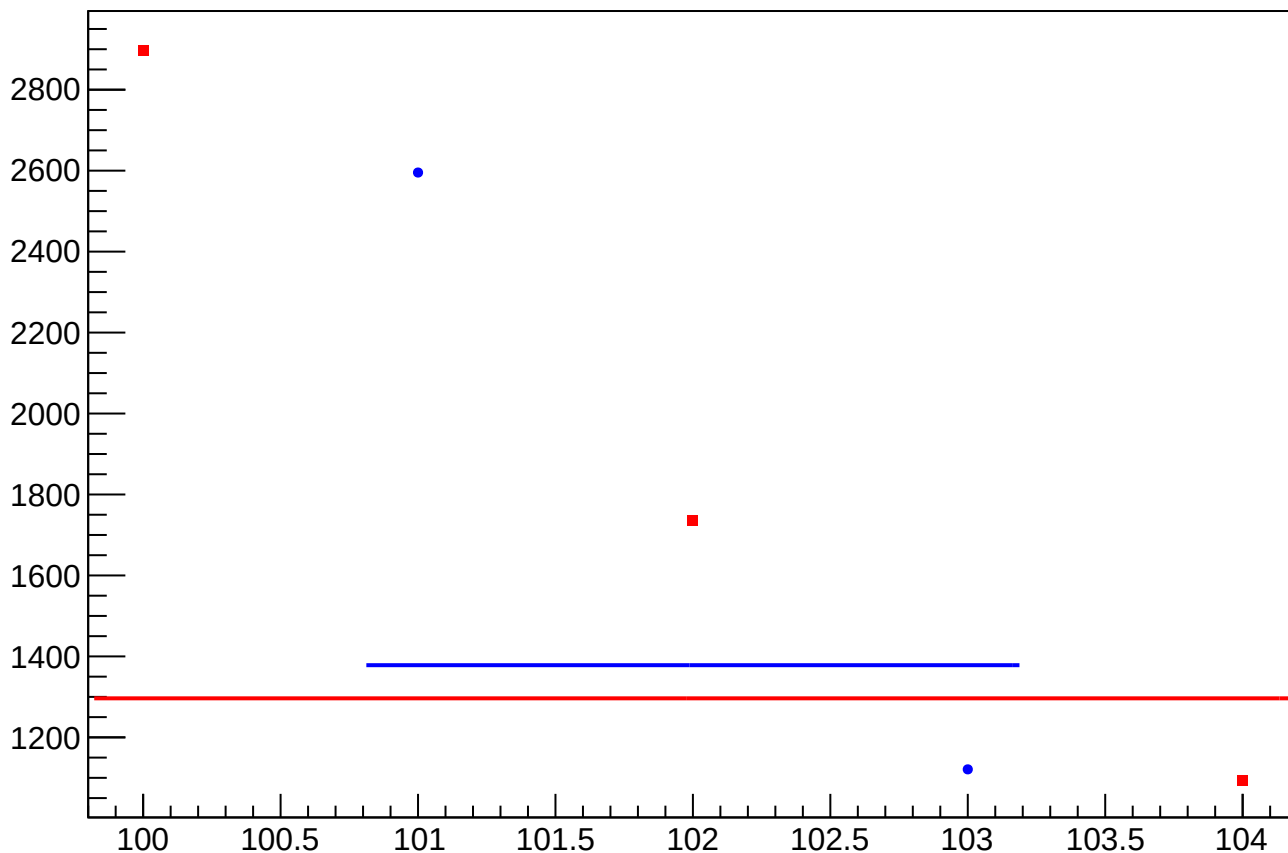
Right: 1028.360+/-928.198 χ^2/NDF : 8.3/4

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.360+/-928.198 χ^2/NDF : 8.3/4

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: 1296.420+/-0.910 χ^2/NDF : 143688.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

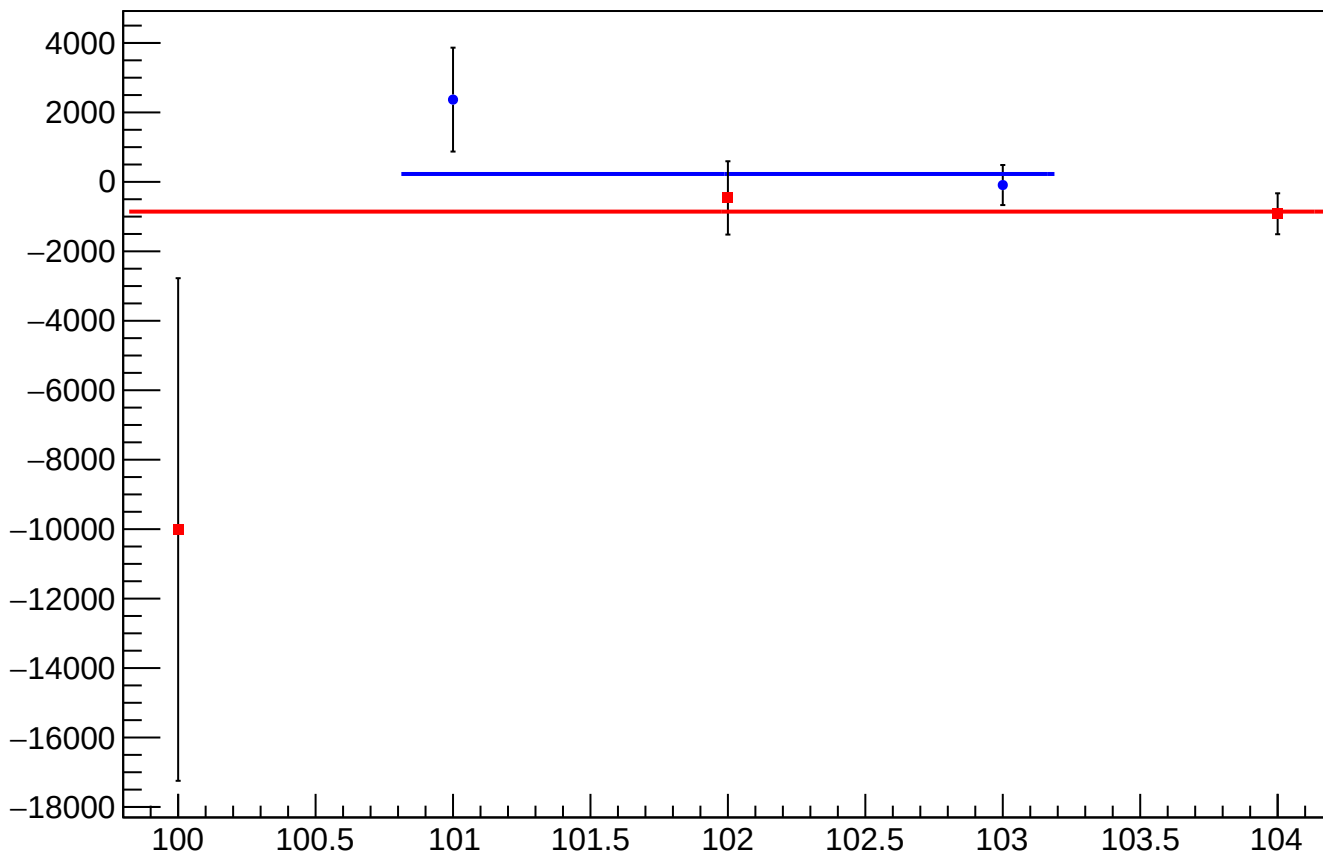
Right: 1335.684+/-0.656 χ^2/NDF : 496155.7/4

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.684+/-0.656 χ^2/NDF : 496155.7/4

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.410 $\pm$ 538.173 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -856.133 $\pm$ 513.235 χ^2 /NDF: 1.8/2

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

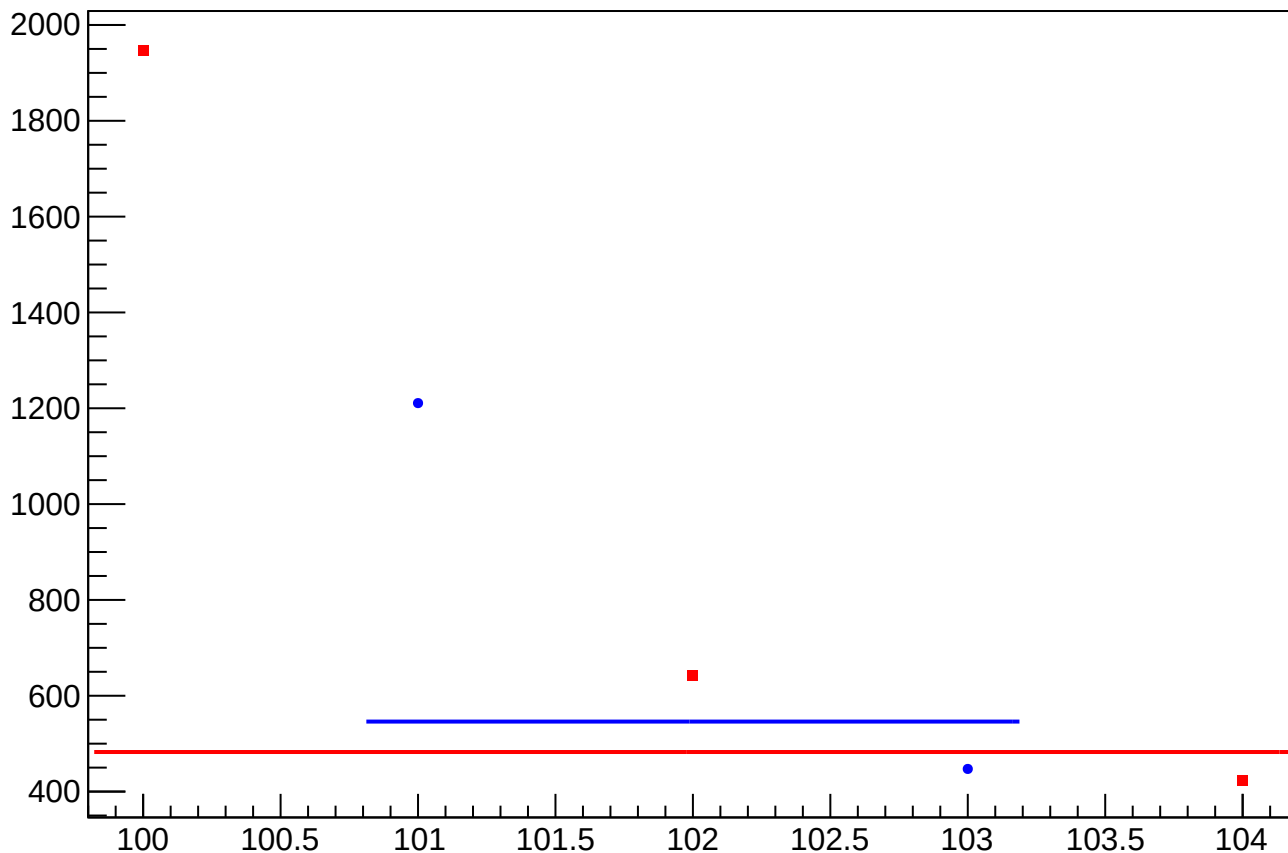
Right: -340.047 $\pm$ 371.415 χ^2 /NDF: 6.2/4

In: 227.410 $\pm$ 538.173 χ^2 /NDF:2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -340.047 $\pm$ 371.415 χ^2 /NDF: 6.2/4

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: 482.572+/-0.363 χ^2/NDF : 148619.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

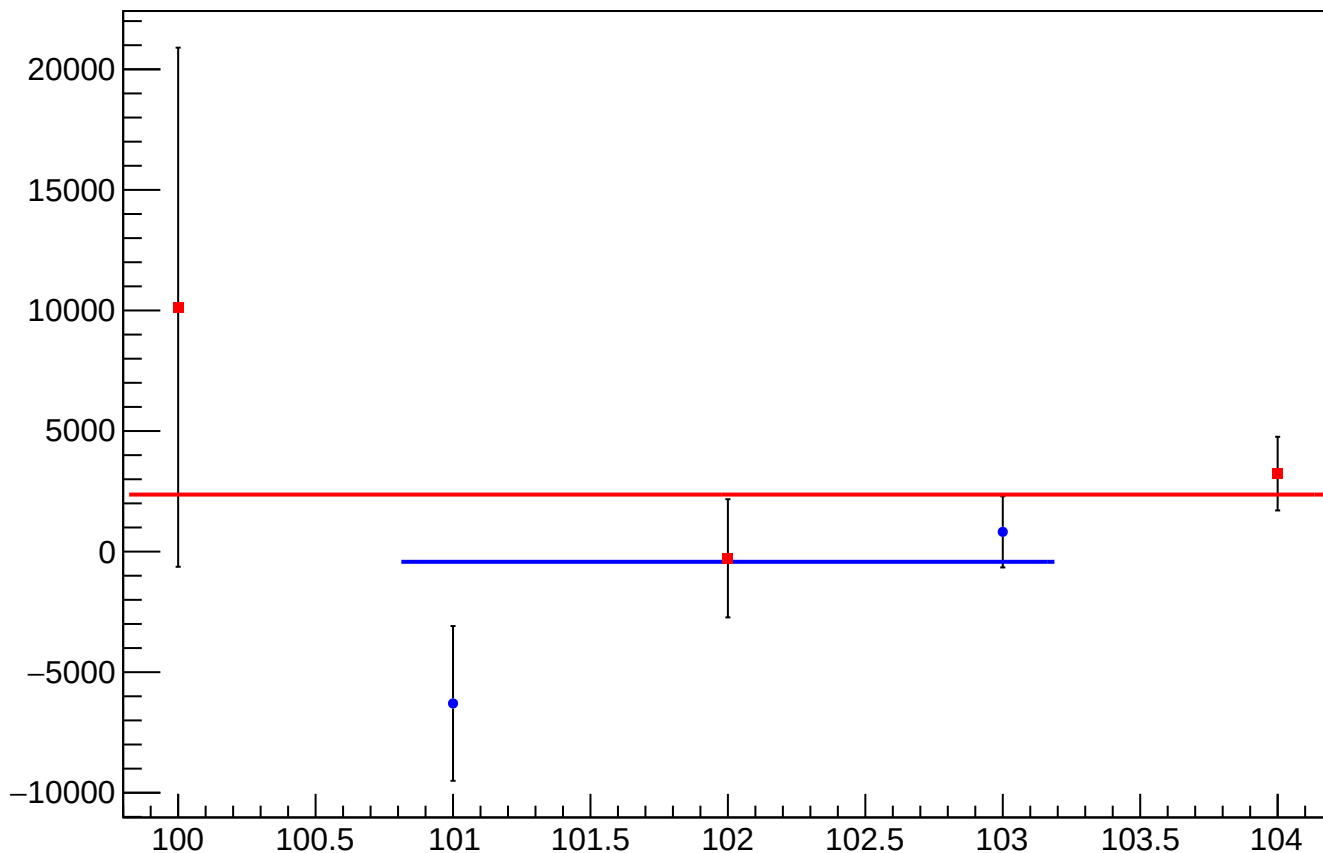
Right: 512.828+/-0.263 χ^2/NDF : 616838.5/4

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.828+/-0.263 χ^2/NDF : 616838.5/4

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: 2365.038+/-1286.495 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

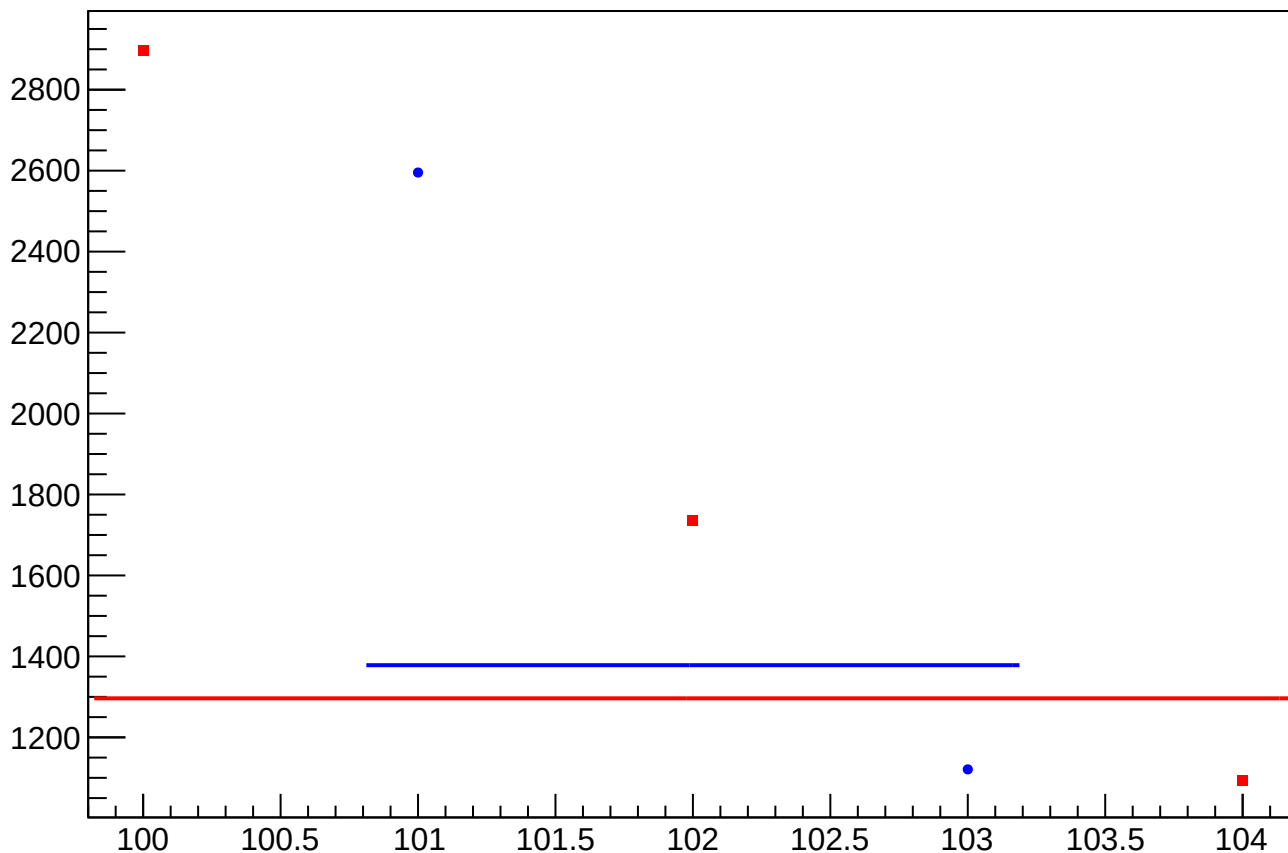
Right: 1028.360+/-928.198 χ^2/NDF : 8.3/4

In: -422.917+/-1340.509 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1028.360+/-928.198 χ^2/NDF : 8.3/4

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: 1296.420+/-0.910 χ^2/NDF : 143688.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

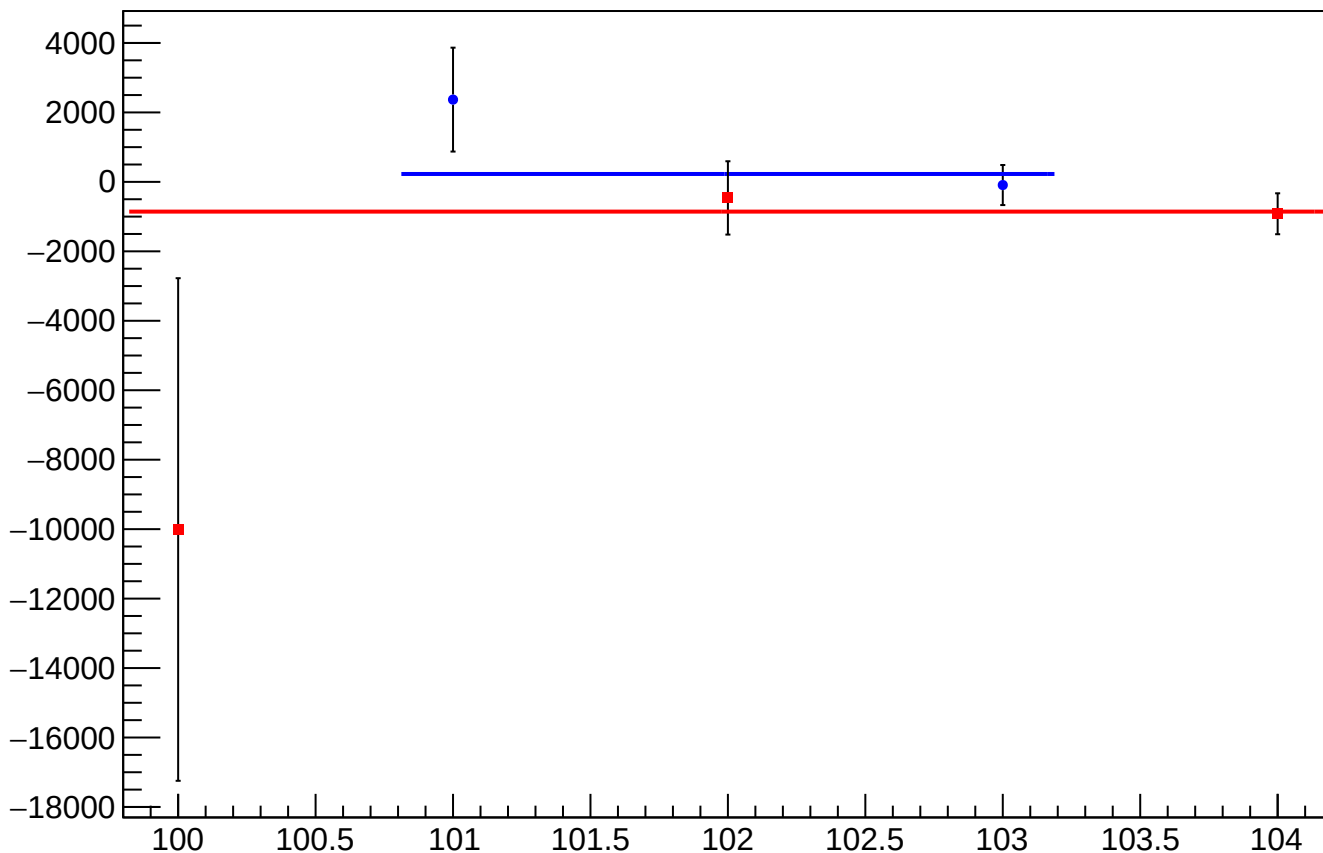
Right: 1335.684+/-0.656 χ^2/NDF : 496155.7/4

In: 1378.314+/-0.948 χ^2/NDF : 348581.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.684+/-0.656 χ^2/NDF : 496155.7/4

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: -856.133+/-513.235 χ^2 /NDF: 1.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

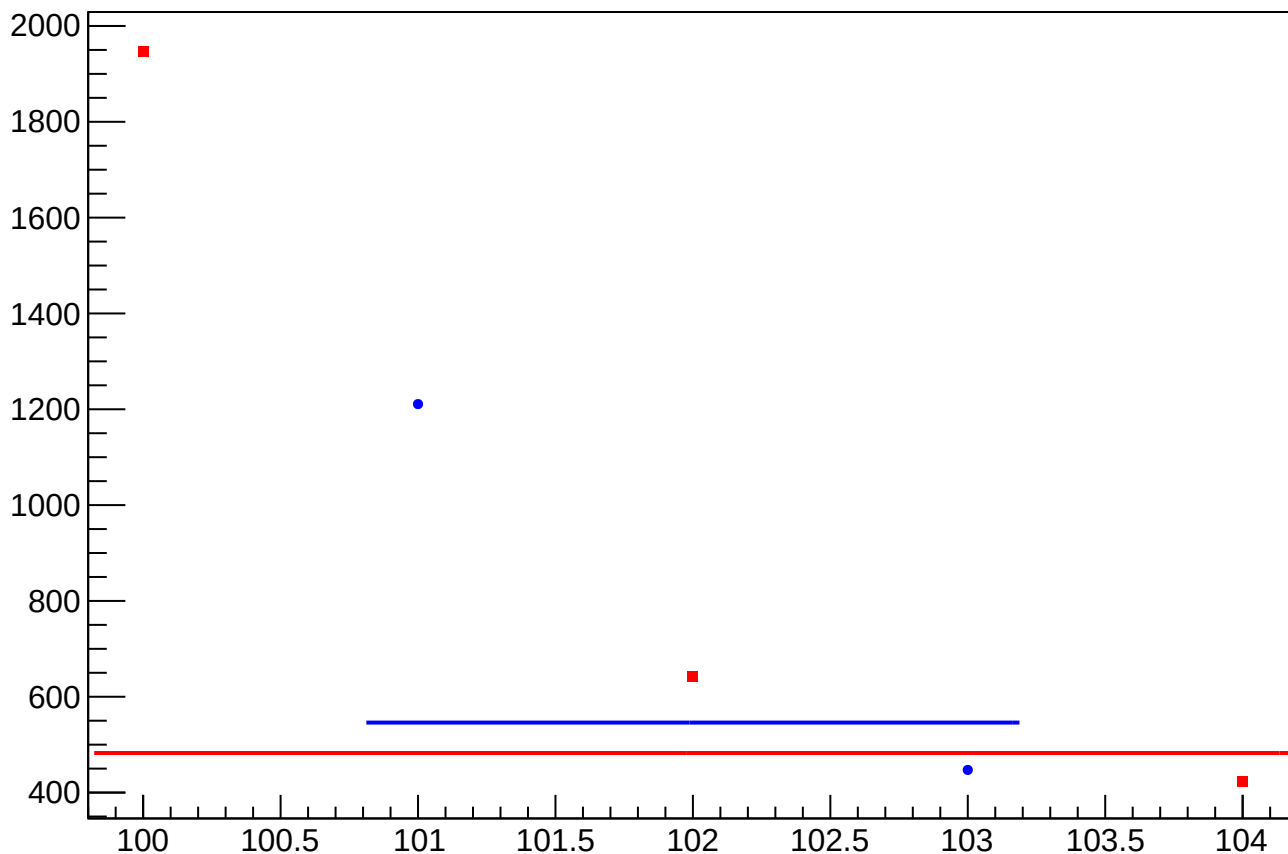
Right: -340.047+/-371.415 χ^2 /NDF: 6.2/4

In: 227.410+/-538.173 χ^2 /NDF:2.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -340.047+/-371.415 χ^2 /NDF: 6.2/4

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: 482.572+/-0.363 χ^2/NDF : 148619.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

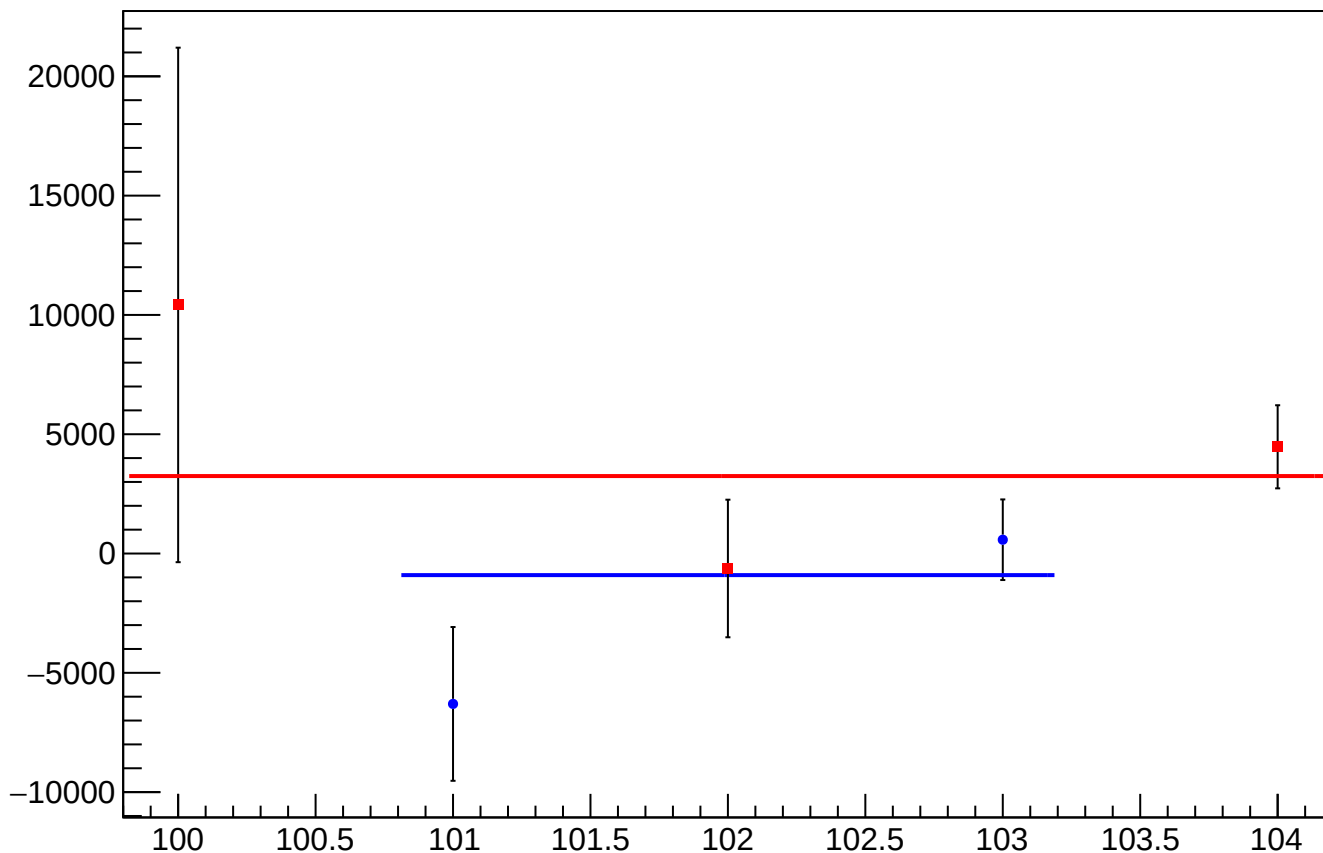
Right: 512.828+/-0.263 χ^2/NDF : 616838.5/4

In: 546.095+/-0.381 χ^2/NDF : 453626.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.828+/-0.263 χ^2/NDF : 616838.5/4

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: 3246.655+/-1476.664 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

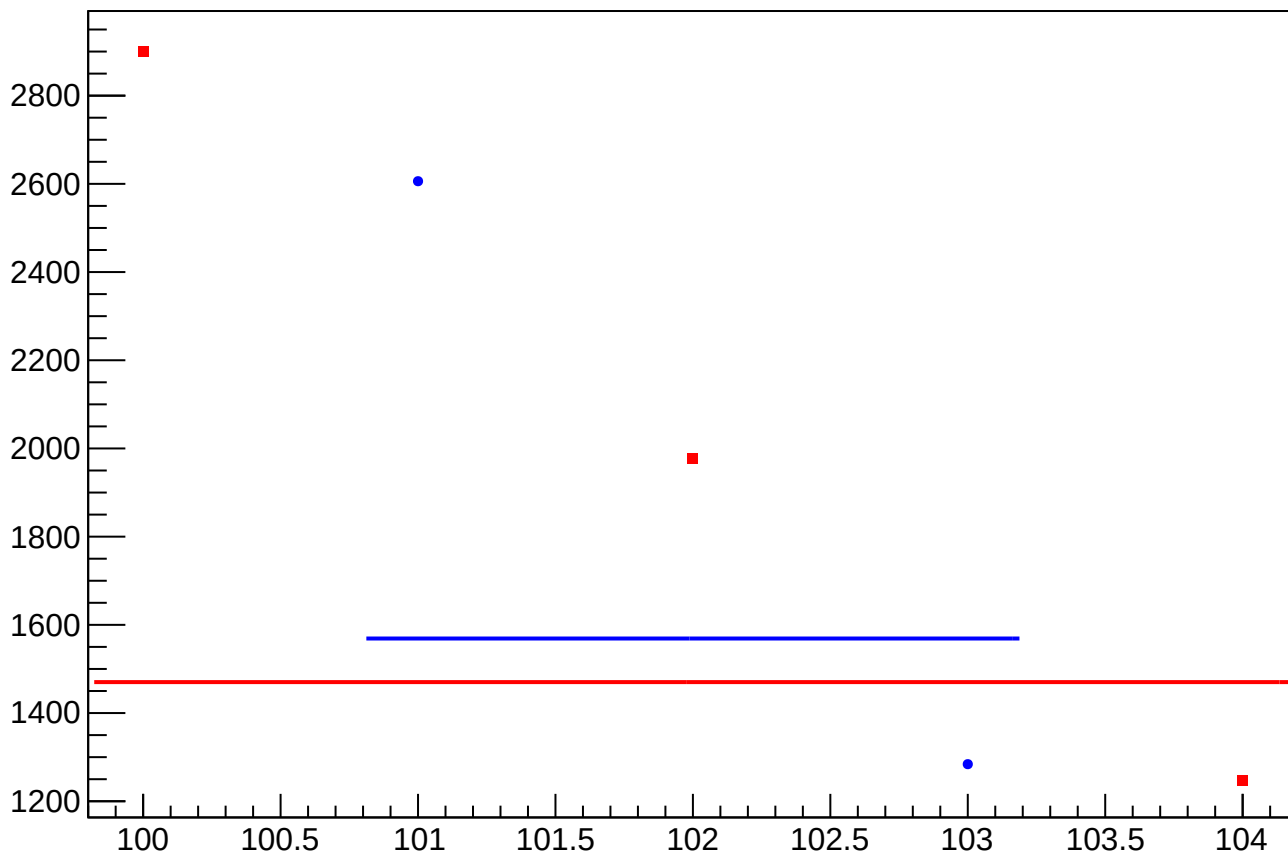
Right: 1198.028+/-1050.953 χ^2/NDF : 10.2/4

In: -904.795+/-1496.070 χ^2/NDF : 3.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.028+/-1050.953 χ^2/NDF : 10.2/4

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: 1470.177+/-1.044 χ^2/NDF : 129895.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

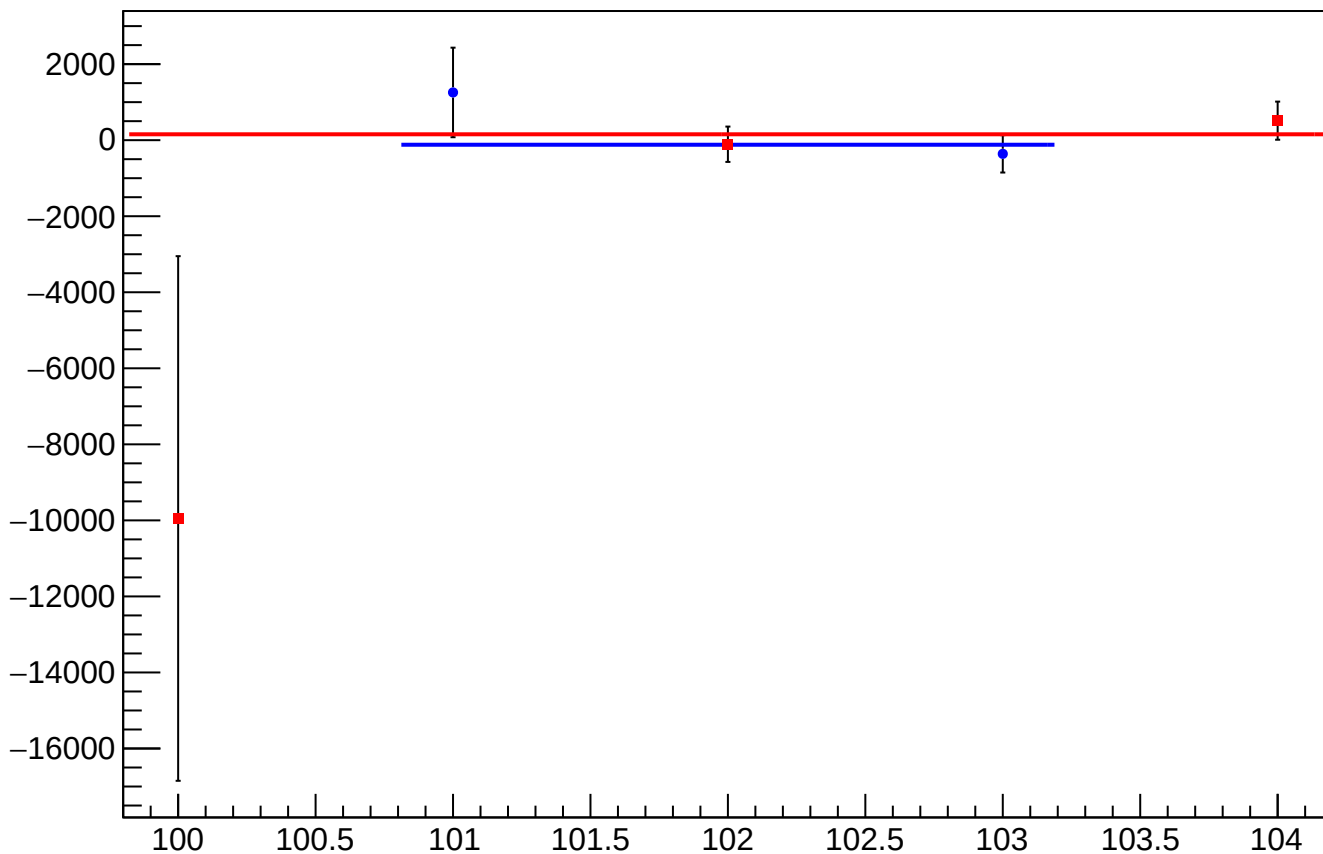
Right: 1518.954+/-0.743 χ^2/NDF : 398334.9/4

In: 1569.020+/-1.058 χ^2/NDF : 264017.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.954+/-0.743 χ^2/NDF : 398334.9/4

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: 154.813+/-340.327 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

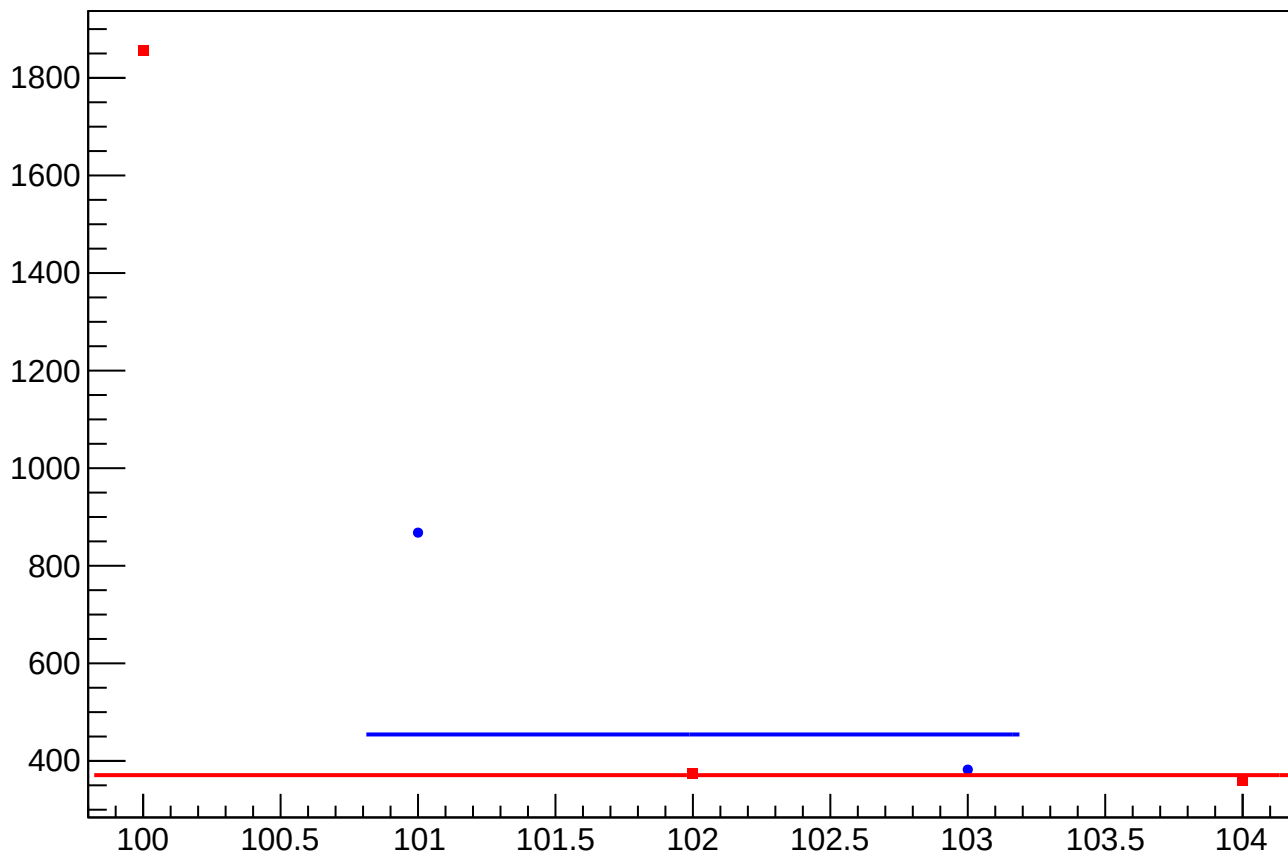
Right: 55.754+/-272.192 χ^2/NDF : 4.8/4

In: -120.104+/-453.449 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.754+/-272.192 χ^2/NDF : 4.8/4

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: 370.848+/-0.241 χ^2/NDF : 93885.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

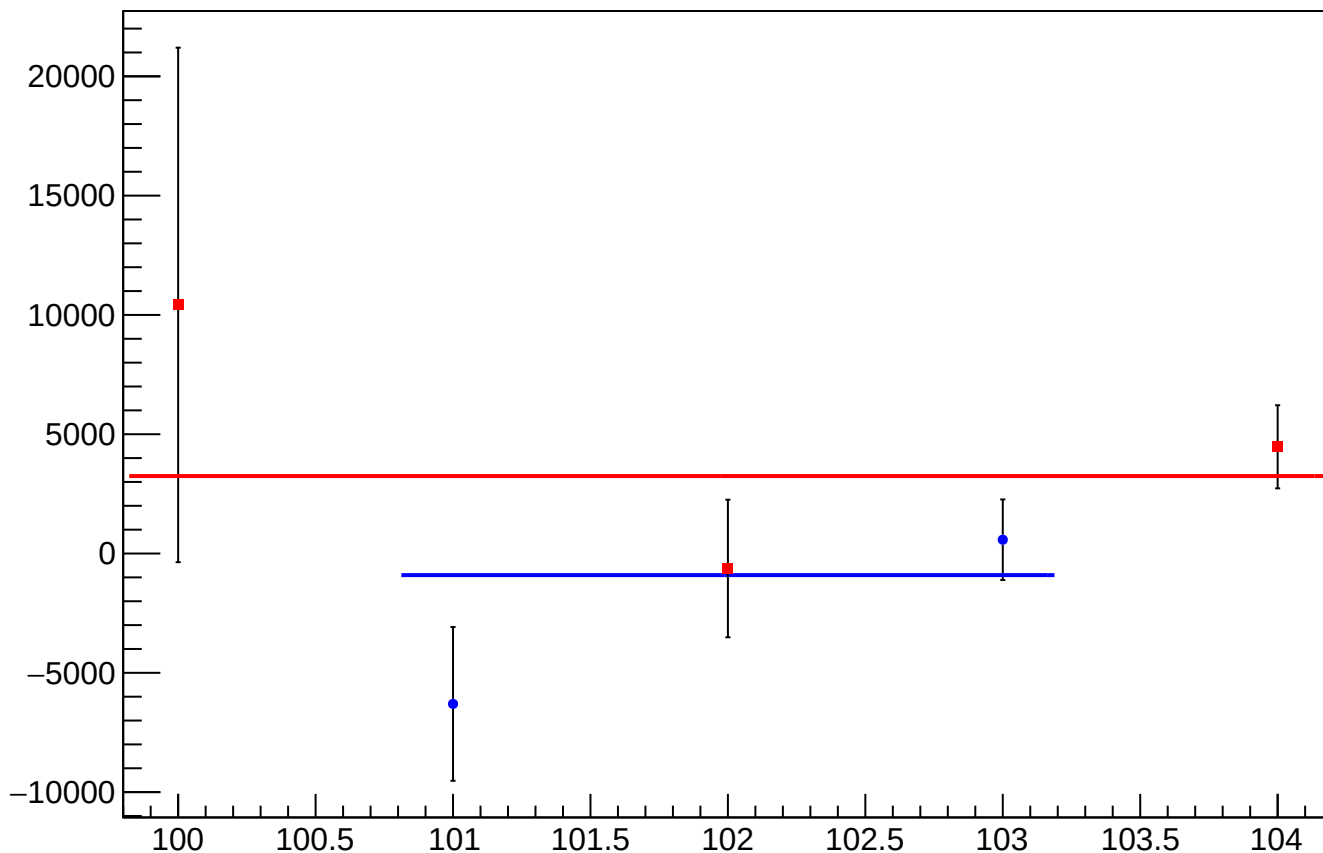
Right: 400.892+/-0.192 χ^2/NDF : 426935.6/4

In: 454.229+/-0.321 χ^2/NDF : 289791.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.892+/-0.192 χ^2/NDF : 426935.6/4

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: 3246.659+/-1476.664 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

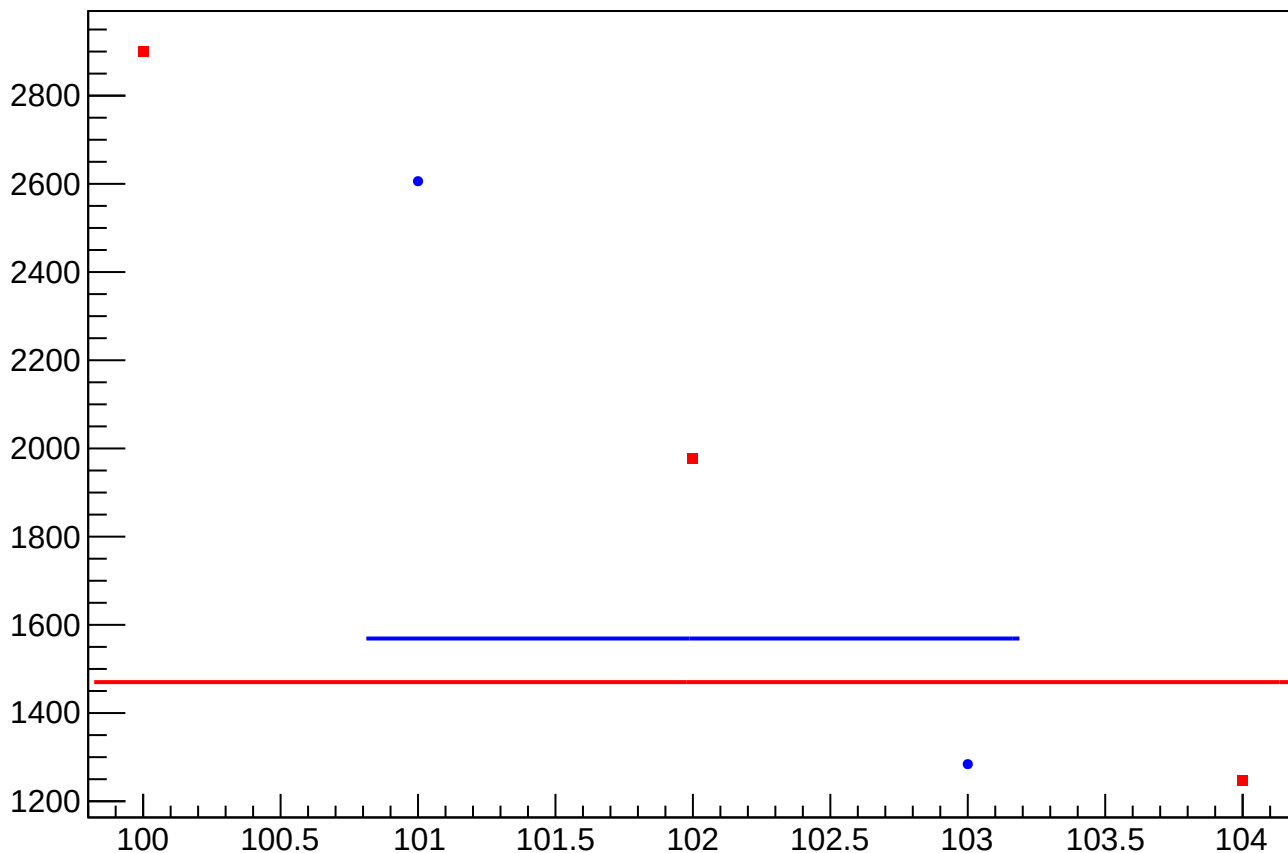
Right: 1198.027+/-1050.953 χ^2/NDF : 10.2/4

In: -904.802+/-1496.070 χ^2/NDF :3.6/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1198.027+/-1050.953 χ^2/NDF : 10.2/4

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: 1470.177+/-1.044 χ^2/NDF : 129895.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

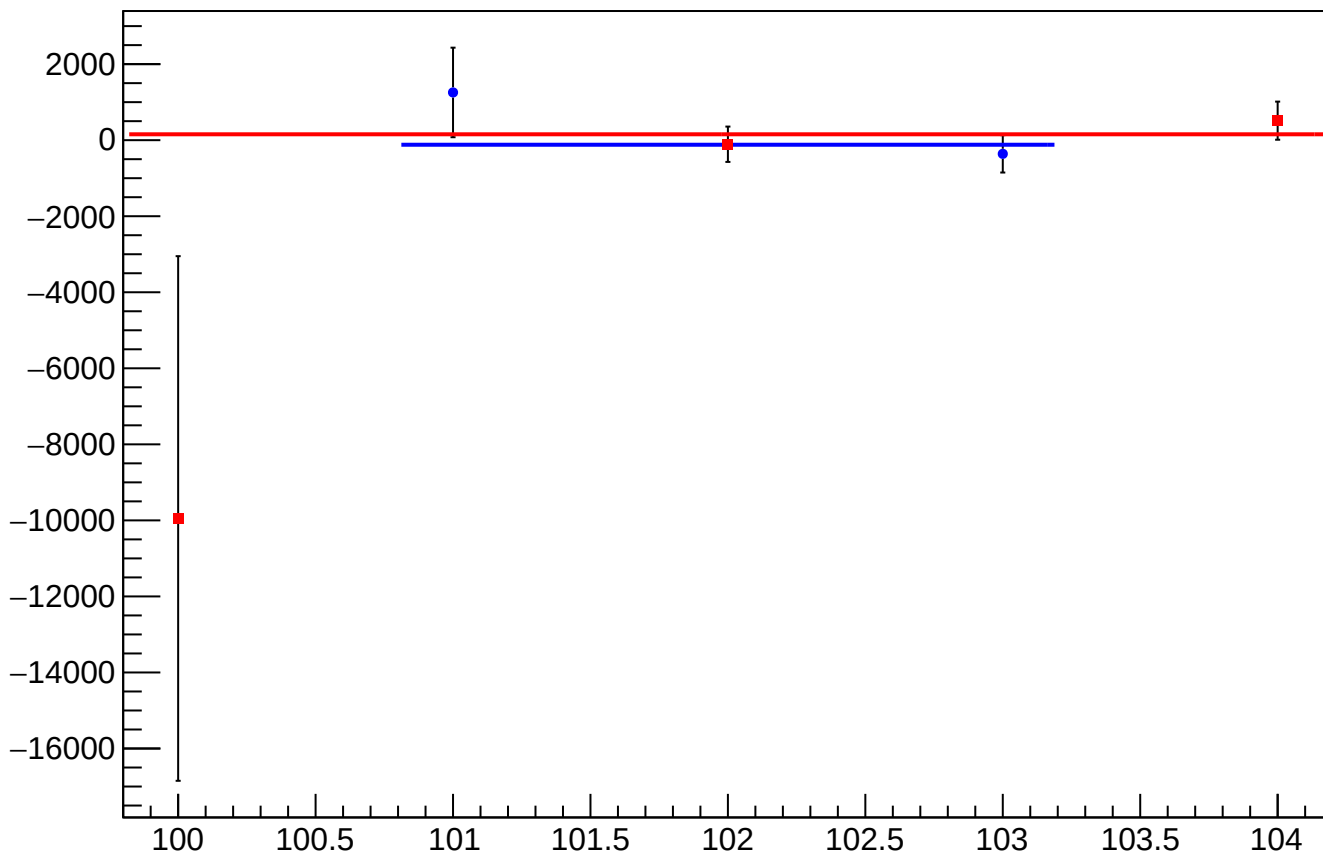
Right: 1518.953+/-0.743 χ^2/NDF : 398335.0/4

In: 1569.020+/-1.058 χ^2/NDF : 264017.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.953+/-0.743 χ^2/NDF : 398335.0/4

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: 154.813+/-340.325 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

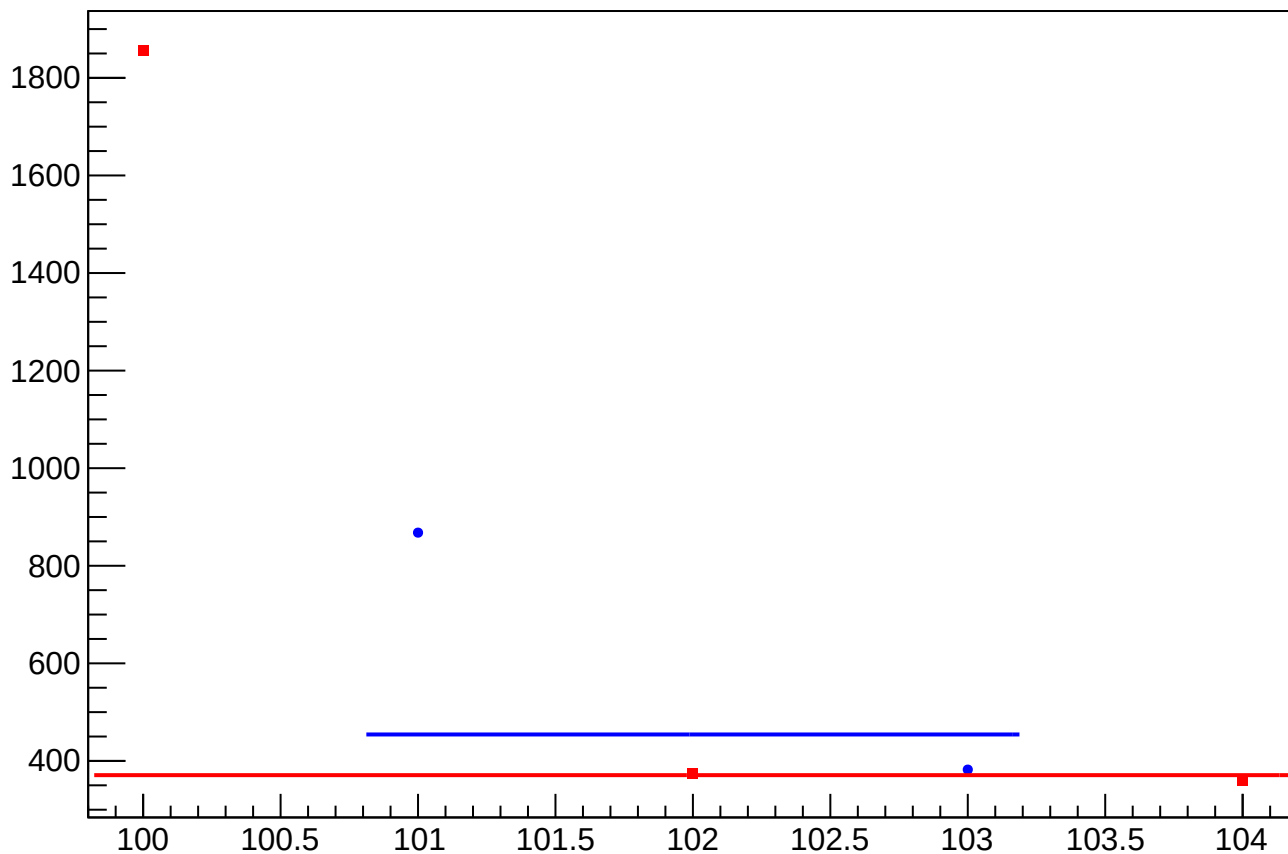
Right: 55.754+/-272.191 χ^2/NDF : 4.8/4

In: -120.103+/-453.447 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.754+/-272.191 χ^2/NDF : 4.8/4

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.846+/-0.241 χ^2/NDF : 93885.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

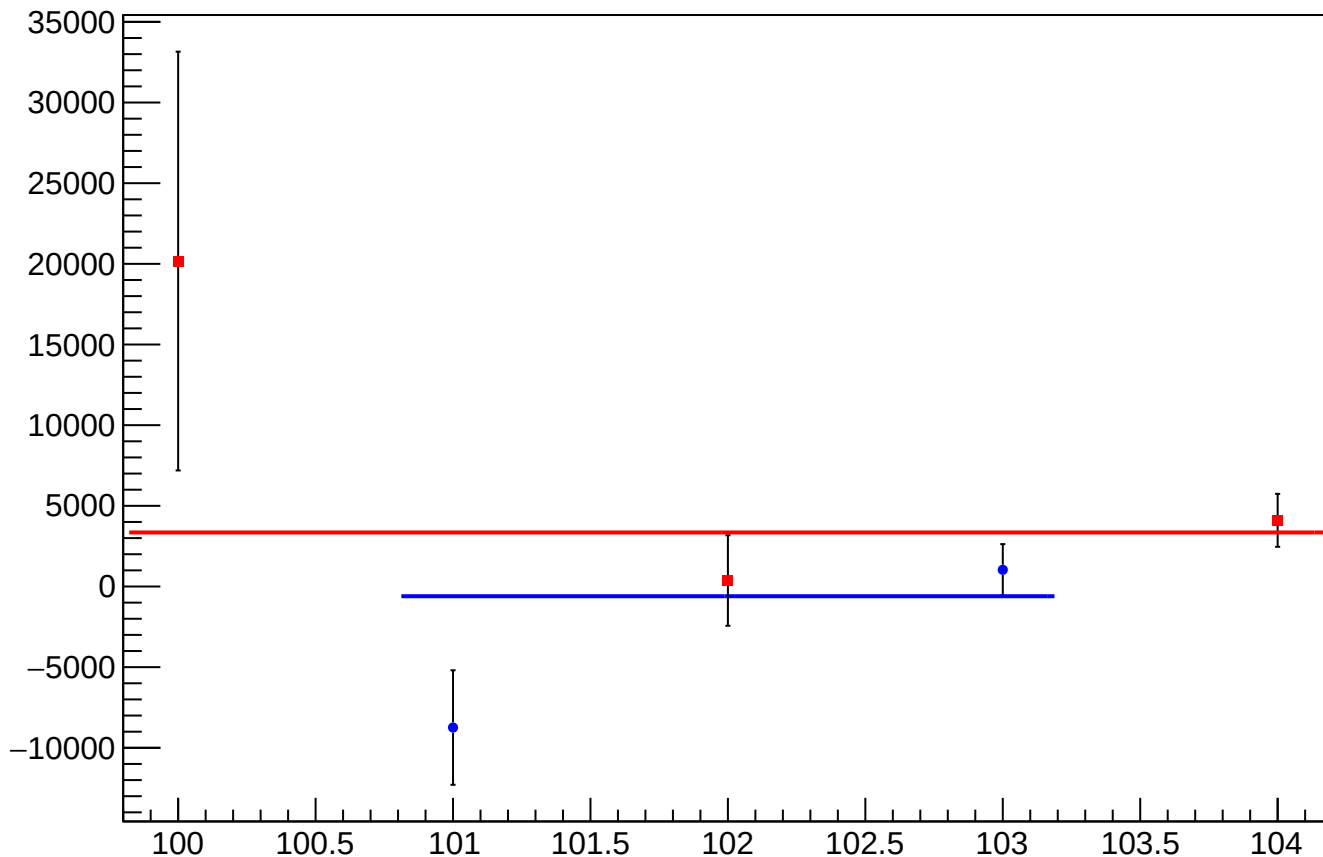
Right: 400.890+/-0.192 χ^2/NDF : 426934.7/4

In: 454.227+/-0.321 χ^2/NDF : 289791.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.890+/-0.192 χ^2/NDF : 426934.7/4

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: 3350.457+/-1407.930 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

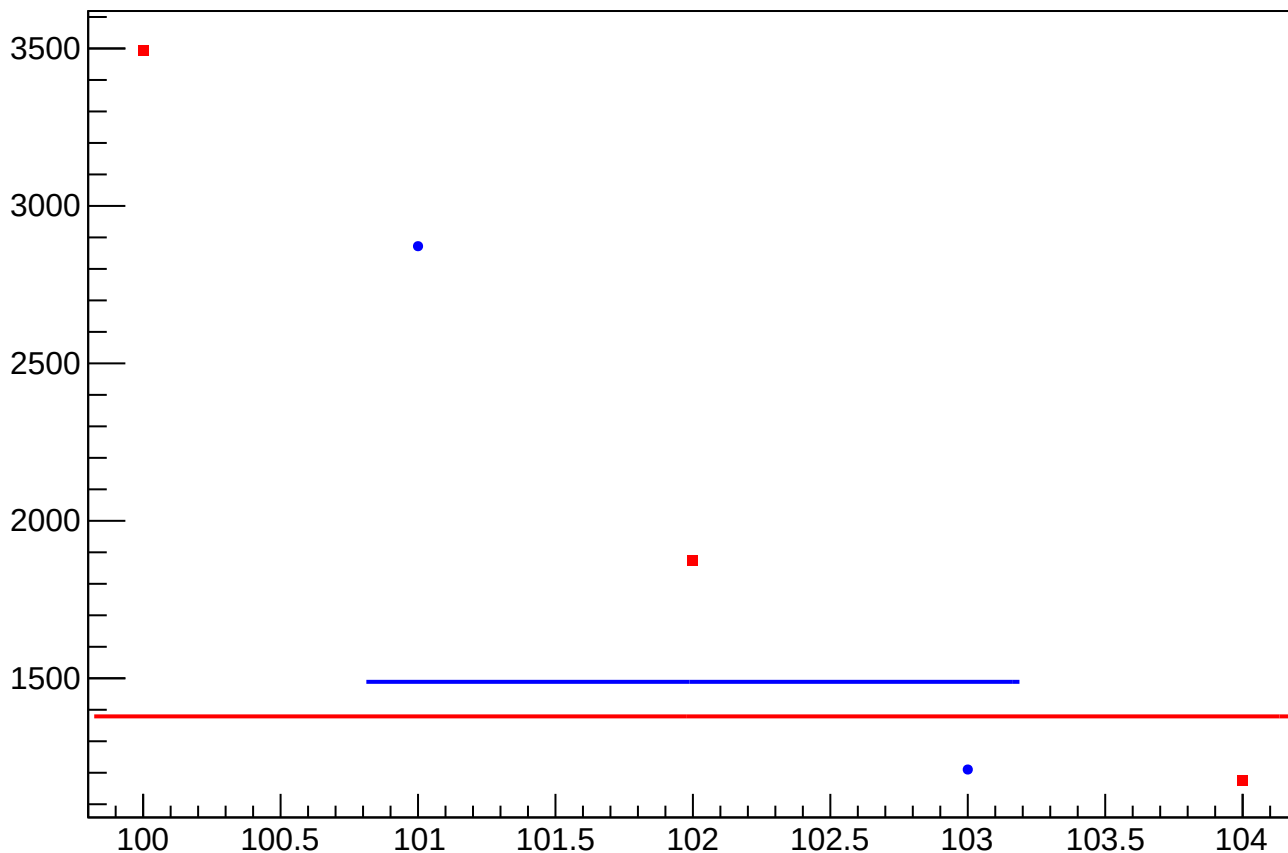
Right: 1435.575+/-1011.061 χ^2/NDF : 13.2/4

In: -603.412+/-1452.839 χ^2/NDF : 6.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1435.575+/-1011.061 χ^2/NDF : 13.2/4

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: 1378.990+/-0.996 χ^2/NDF : 146241.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

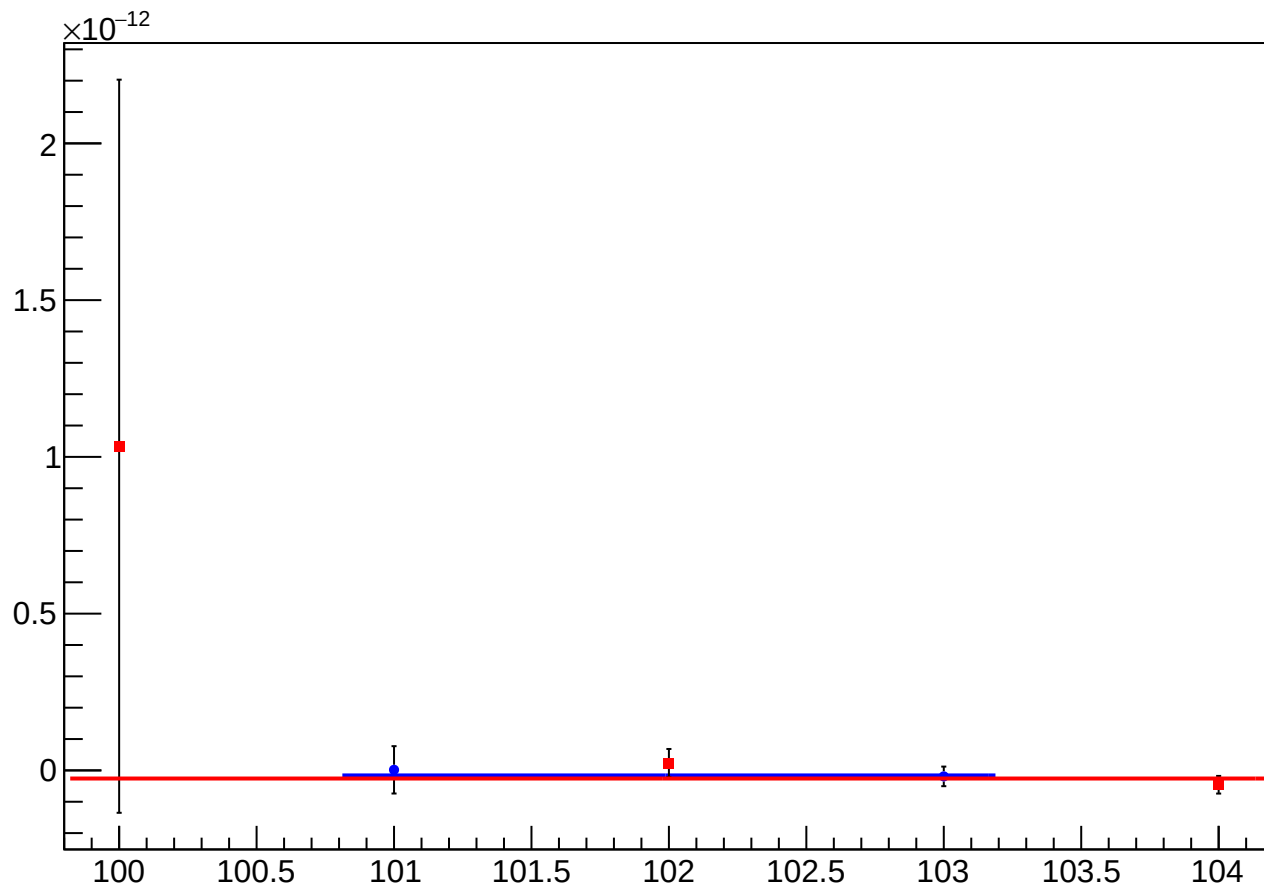
Right: 1432.131+/-0.715 χ^2/NDF : 517125.6/4

In: 1488.716+/-1.027 χ^2/NDF : 365001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1432.131+/-0.715 χ^2/NDF : 517125.6/4

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: 2.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

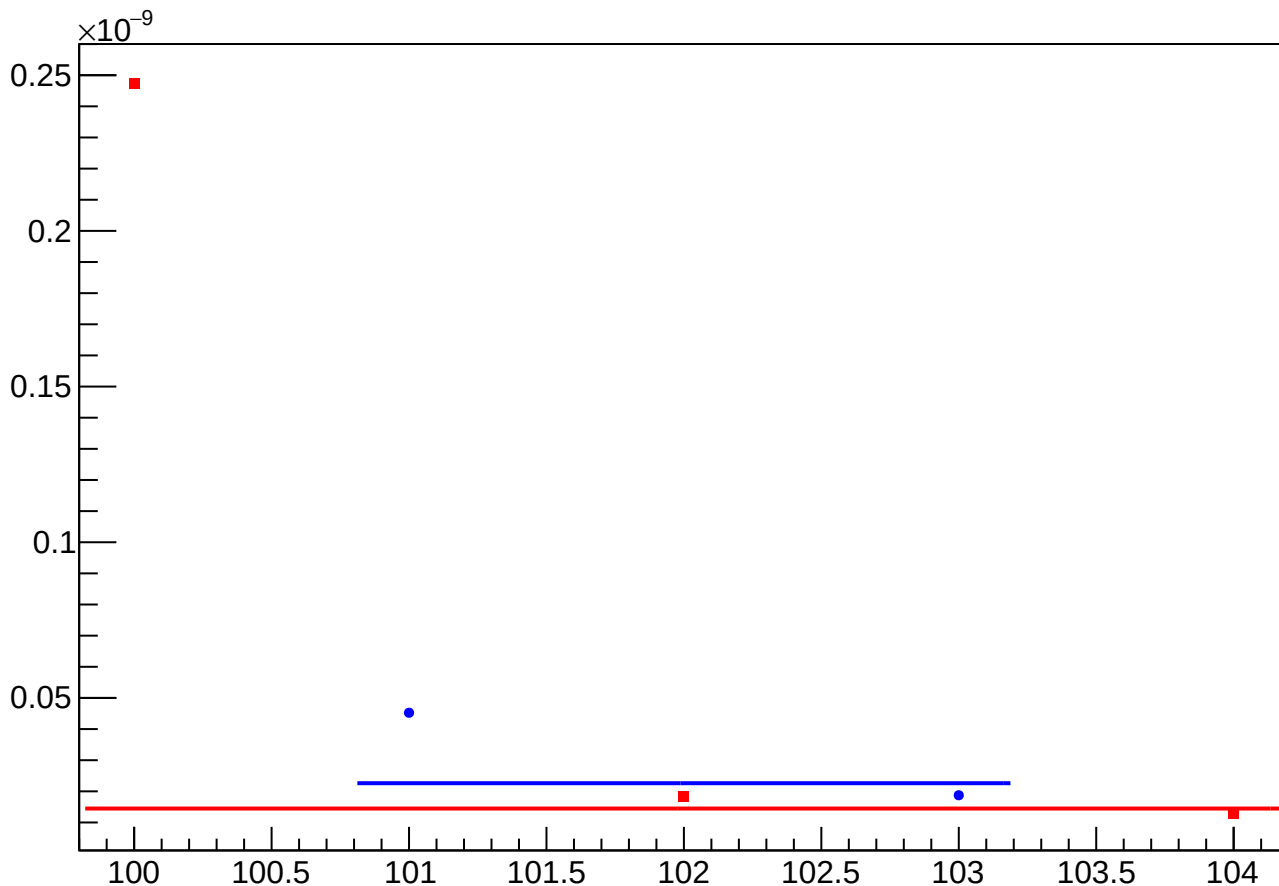
Right: -0.000+/-0.000 χ^2 /NDF: 2.7/4

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: 2.7/4

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms 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 : 101656.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

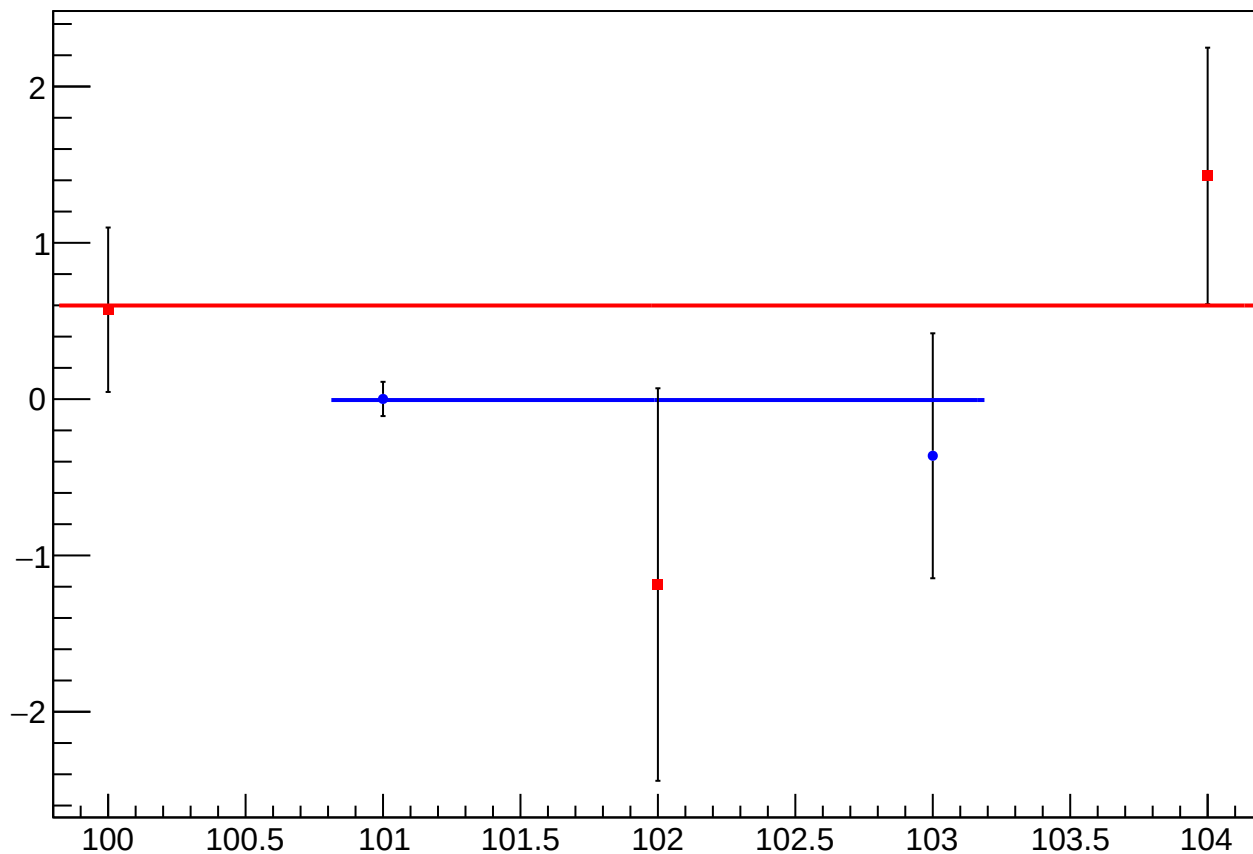
Right: 0.000+/-0.000 χ^2/NDF : 406444.9/4

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 : 406444.9/4

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.108 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.599 $\pm$ 0.418 χ^2 /NDF: 3.0/2

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

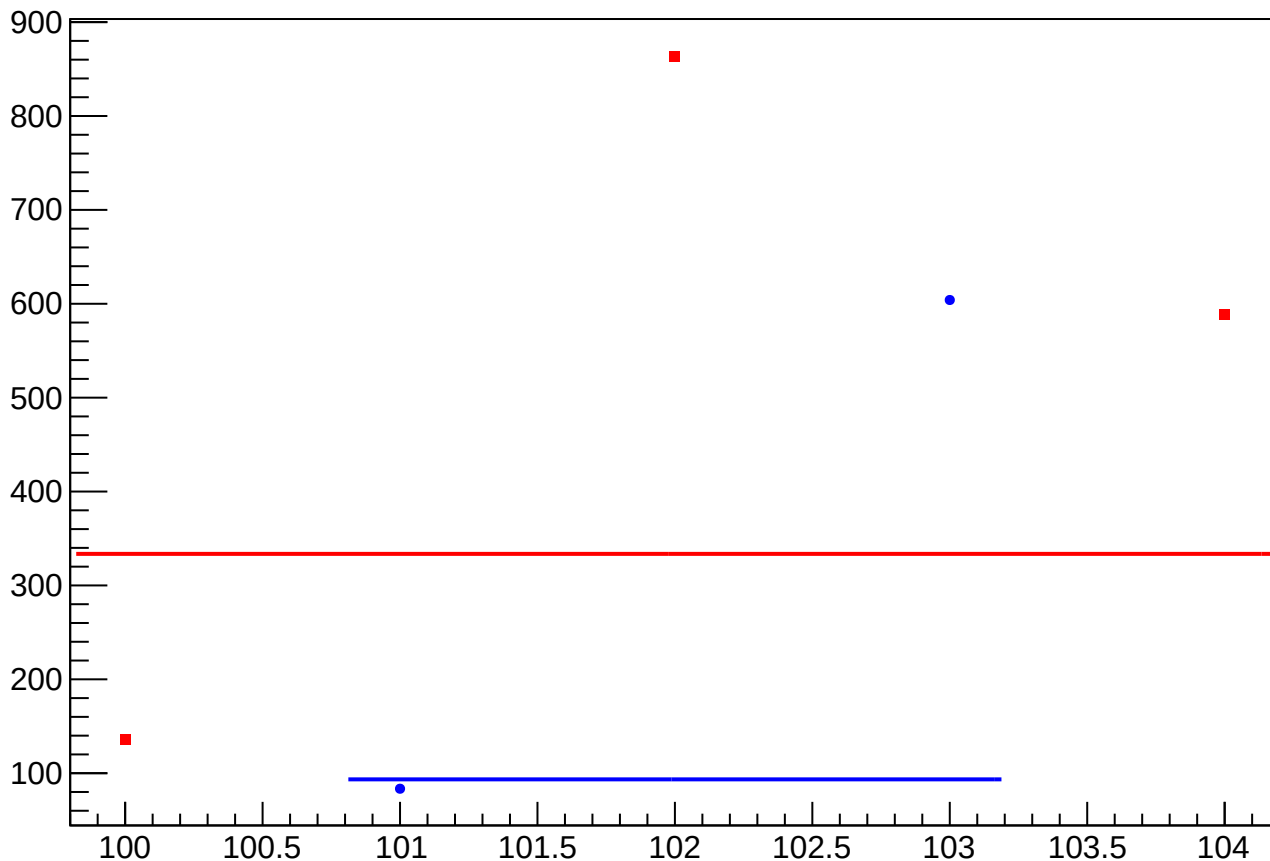
Right: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

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: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 93.442 $\pm$ 0.077 χ^2 /NDF: 865904.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 333.609 $\pm$ 0.295 χ^2 /NDF: 831409.0/2

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

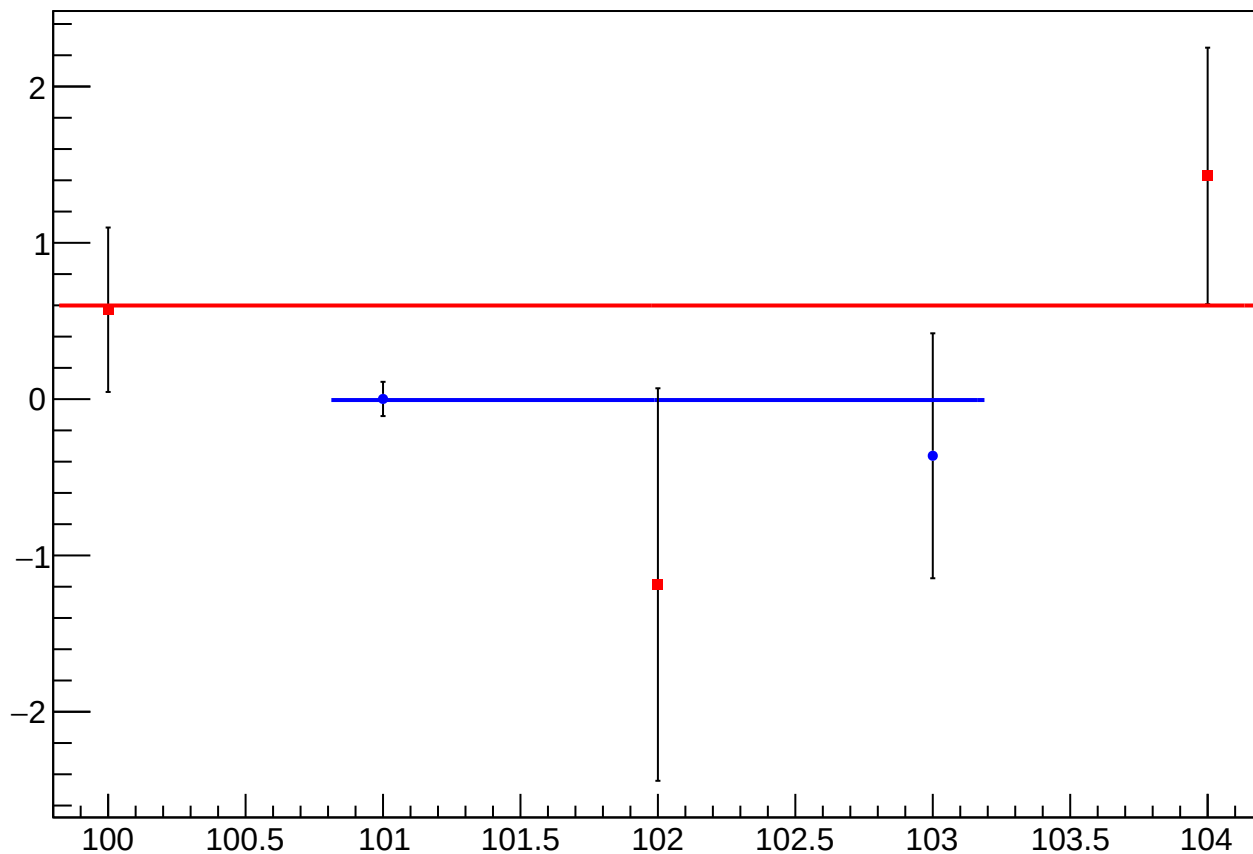
Right: 108.615 $\pm$ 0.074 χ^2 /NDF: 2316954.9/4

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: 108.615 $\pm$ 0.074 χ^2 /NDF: 2316954.9/4

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: 0.599 $\pm$ 0.418 χ^2 /NDF: 3.0/2

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

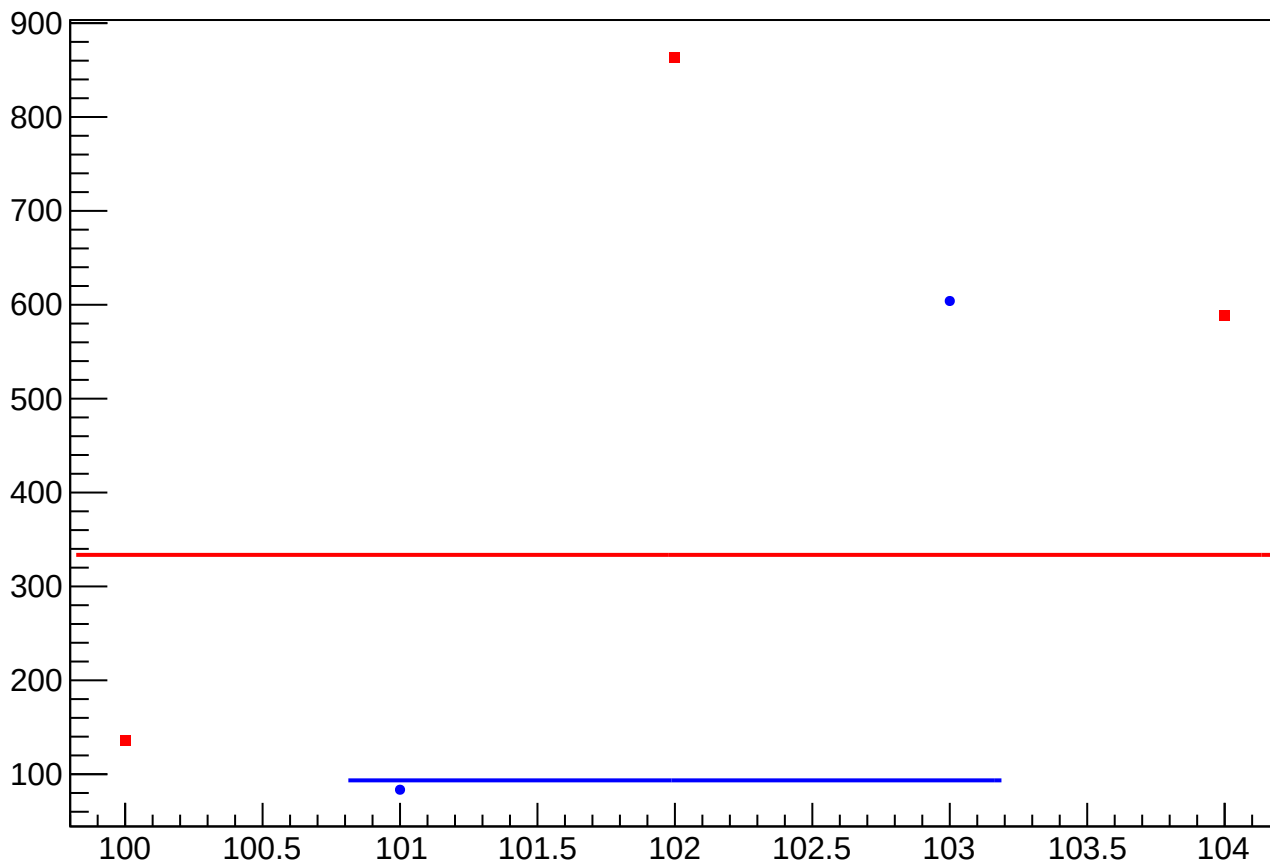
Right: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

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: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

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: 333.609 $\pm$ 0.295 χ^2 /NDF: 831409.0/2

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

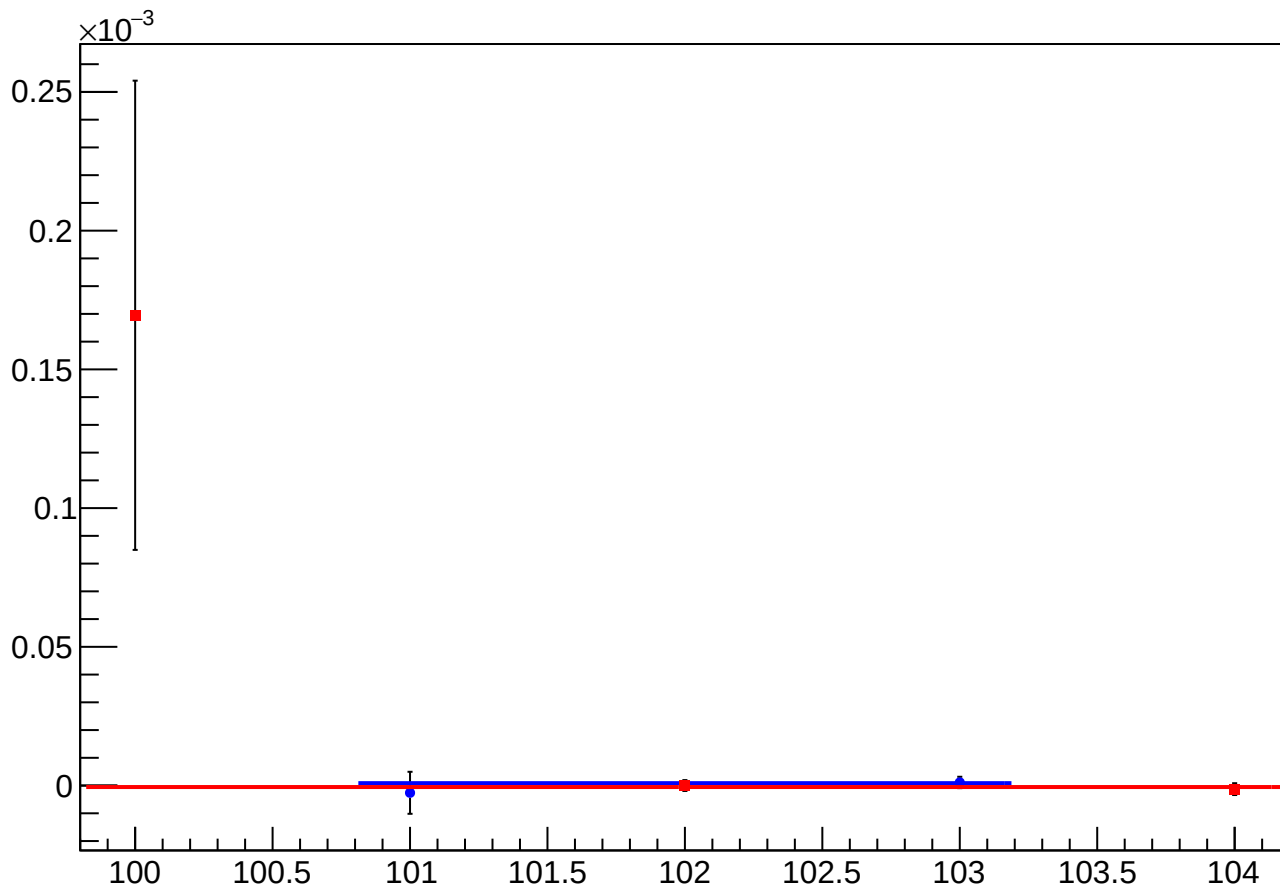
Right: 108.615 $\pm$ 0.074 χ^2 /NDF: 2316954.9/4

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: 108.615 $\pm$ 0.074 χ^2 /NDF: 2316954.9/4

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 : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

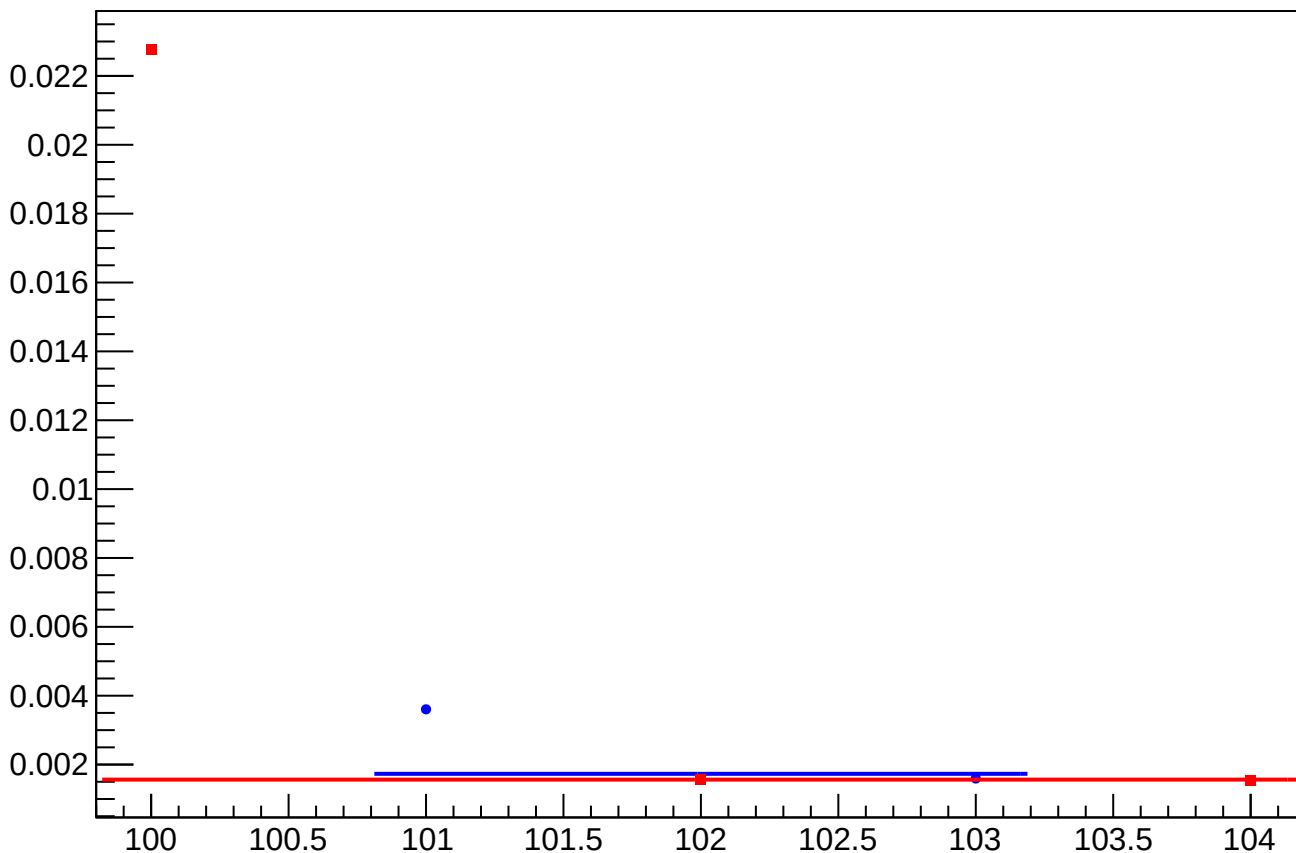
Right: -0.000+/-0.000 χ^2/NDF : 4.8/4

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 : 4.8/4

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 : 126305.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

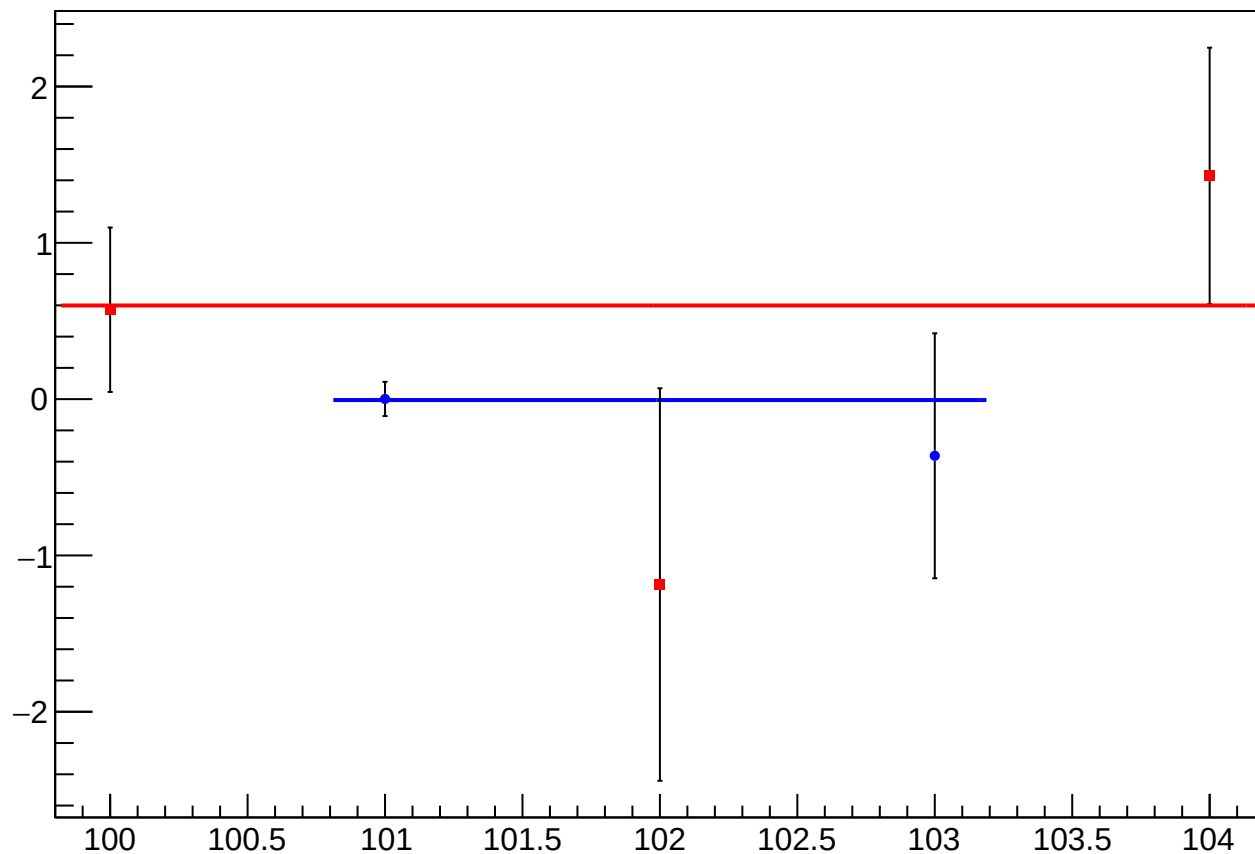
Right: 0.002+/-0.000 χ^2/NDF : 267244.2/4

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 : 267244.2/4

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 ± 0.108 χ^2/NDF : 0.2/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.599 ± 0.418 χ^2/NDF : 3.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

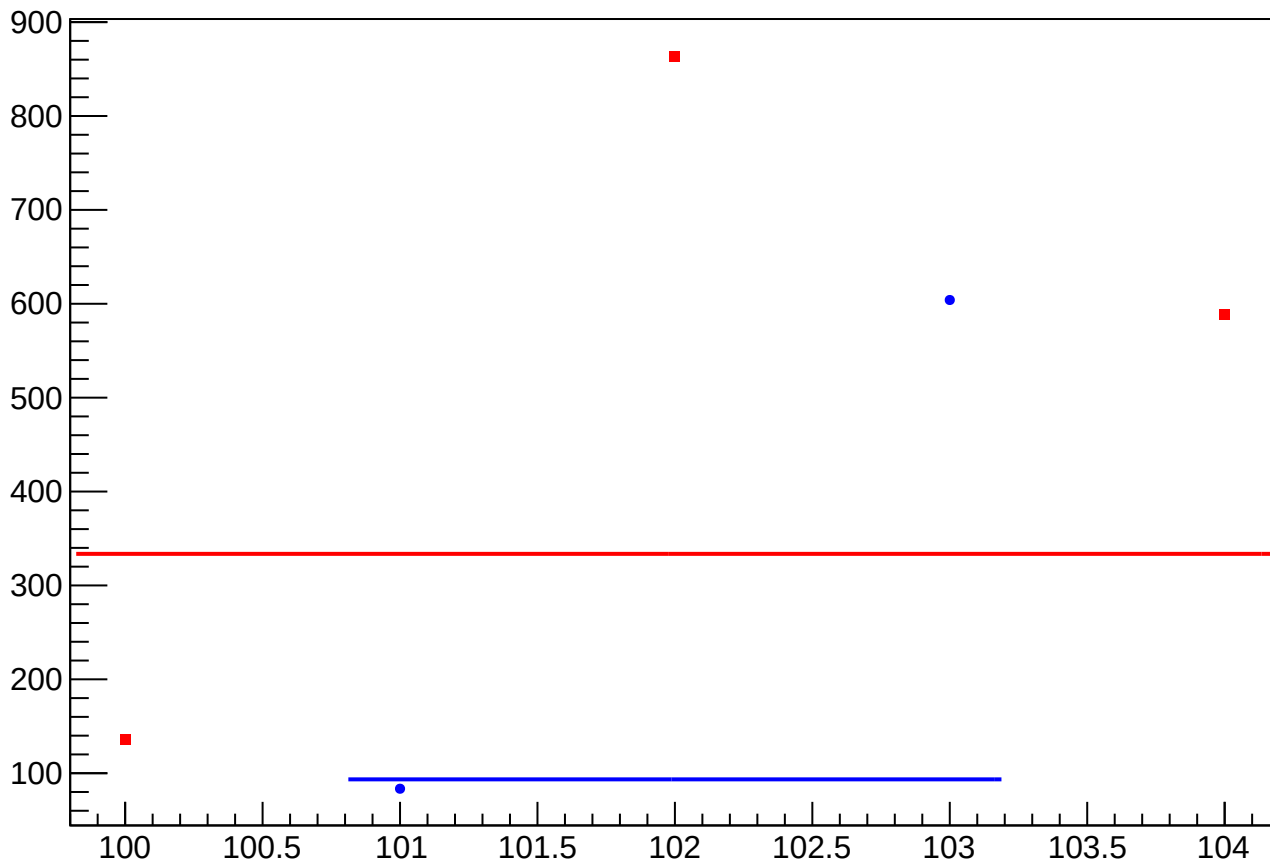
Right: 0.032 ± 0.105 χ^2/NDF : 5.2/4

In: -0.006 ± 0.108 χ^2/NDF : 0.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.105 χ^2/NDF : 5.2/4

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: 333.629 $\pm$ 0.295 χ^2 /NDF: 831350.7/2

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

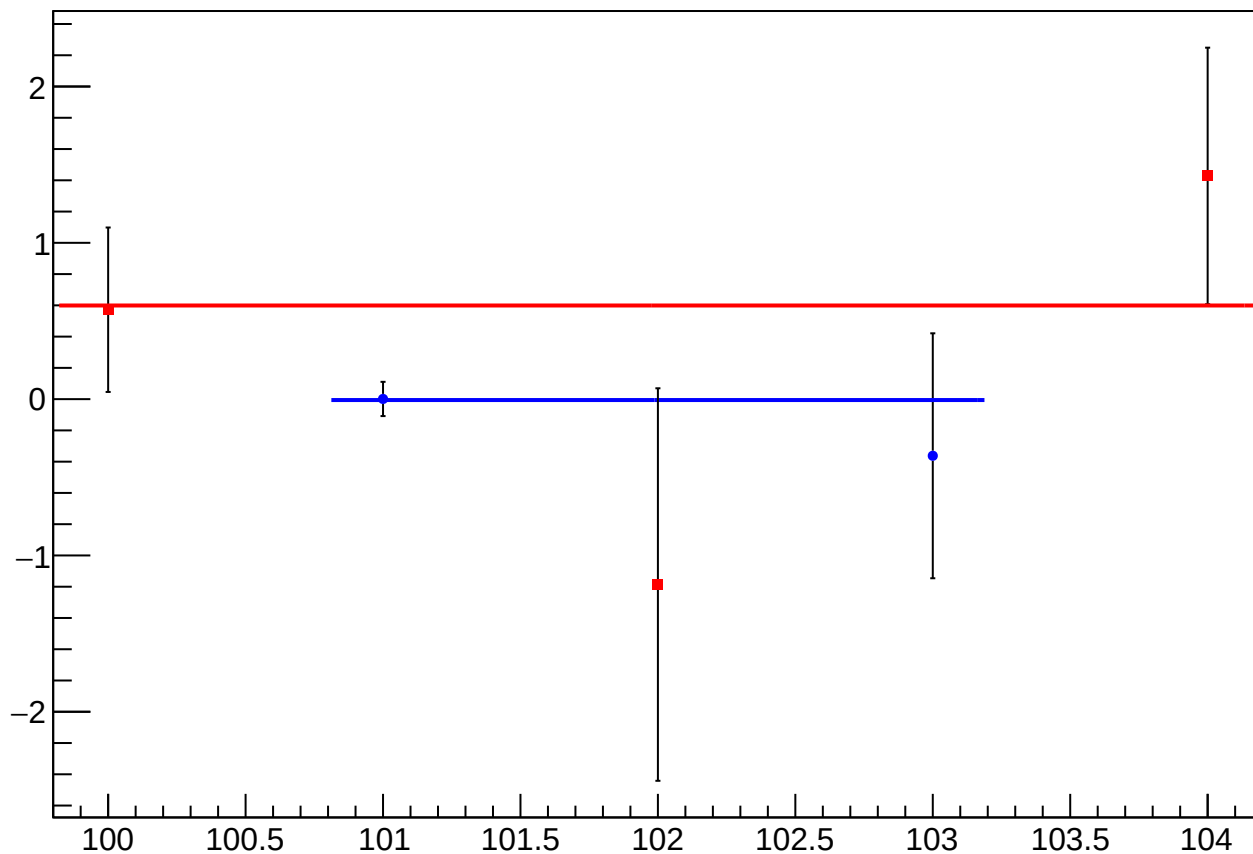
Right: 108.623 $\pm$ 0.074 χ^2 /NDF: 2316901.2/4

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: 108.623 $\pm$ 0.074 χ^2 /NDF: 2316901.2/4

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: 0.599 $\pm$ 0.418 χ^2 /NDF: 3.0/2

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

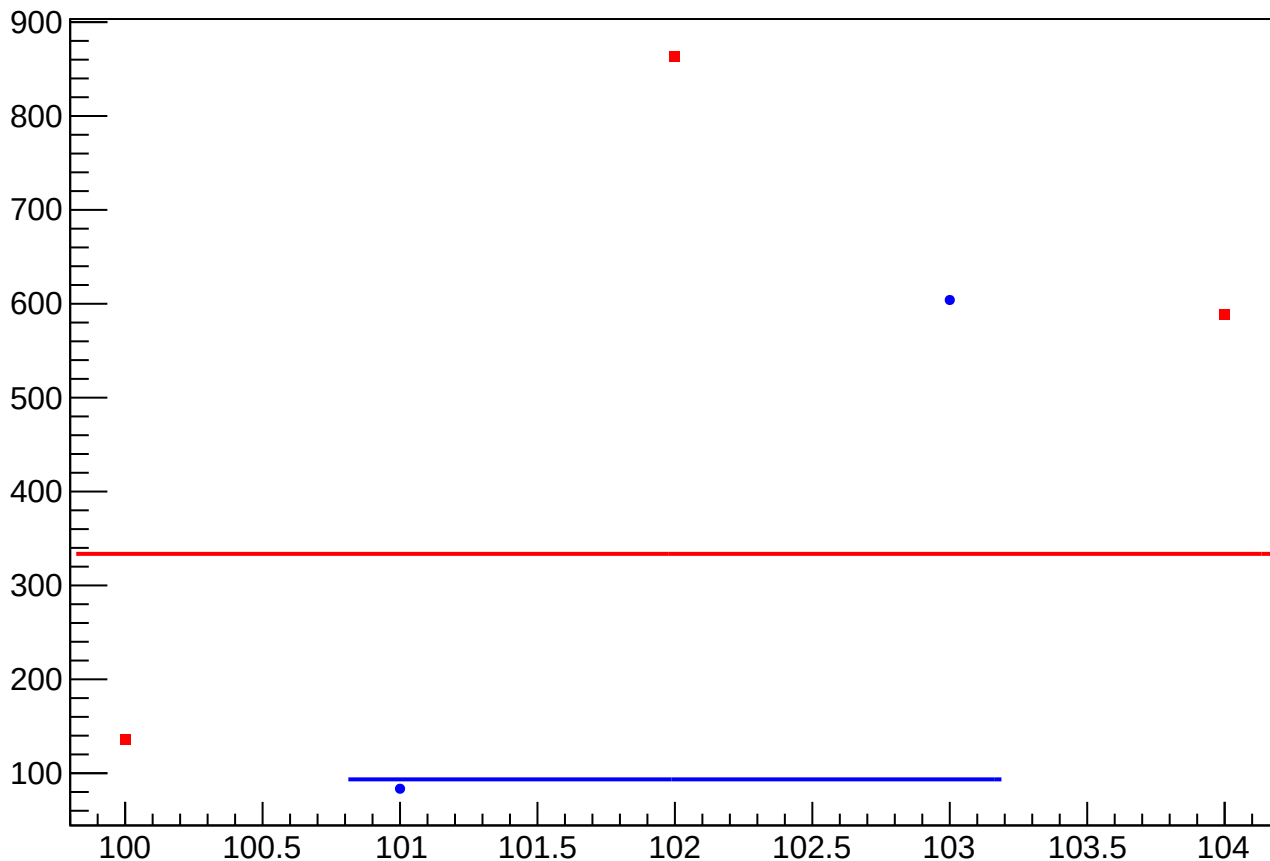
Right: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

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: 0.032 $\pm$ 0.105 χ^2 /NDF: 5.2/4

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_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: 333.629 $\pm$ 0.295 χ^2 /NDF: 831350.7/2

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

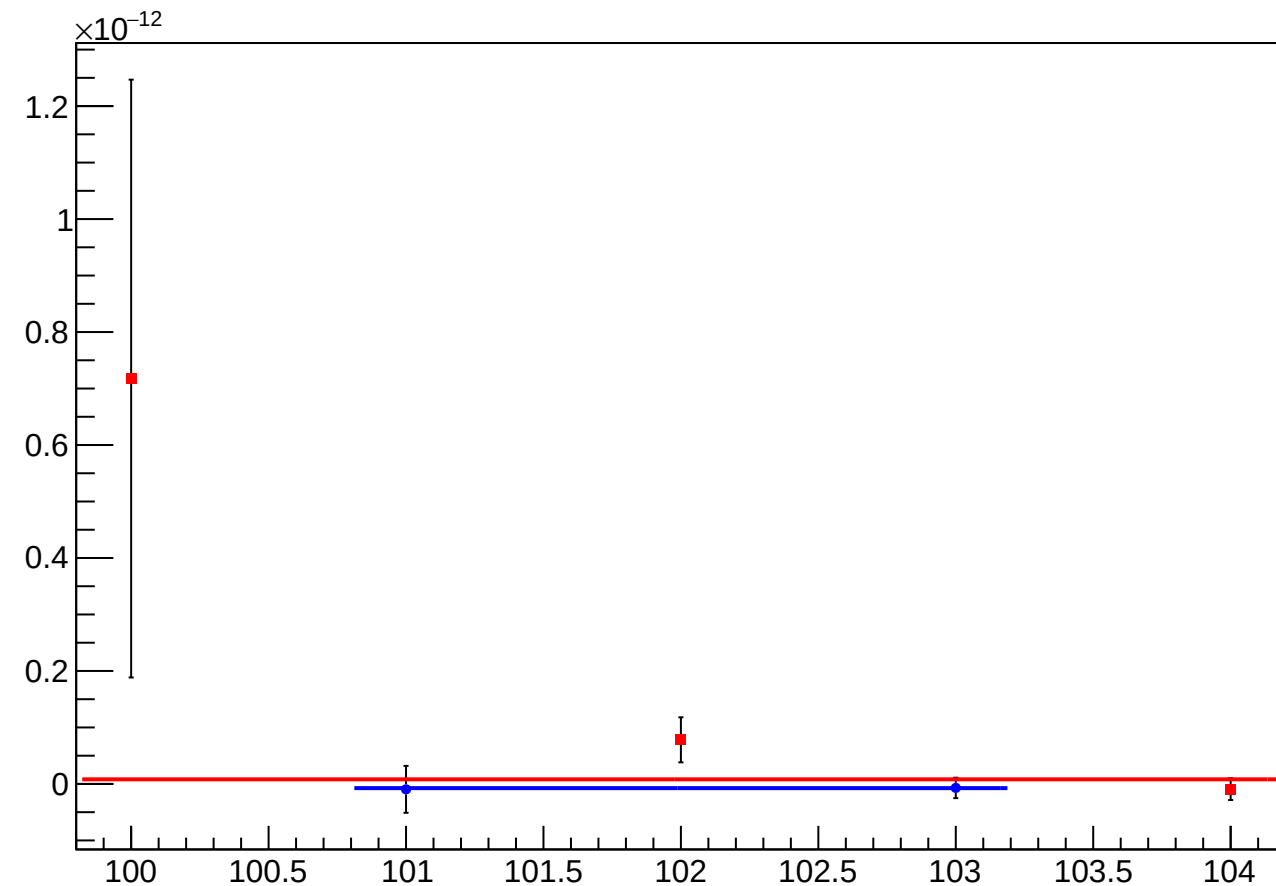
Right: 108.623 $\pm$ 0.074 χ^2 /NDF: 2316901.2/4

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: 108.623 $\pm$ 0.074 χ^2 /NDF: 2316901.2/4

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 : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

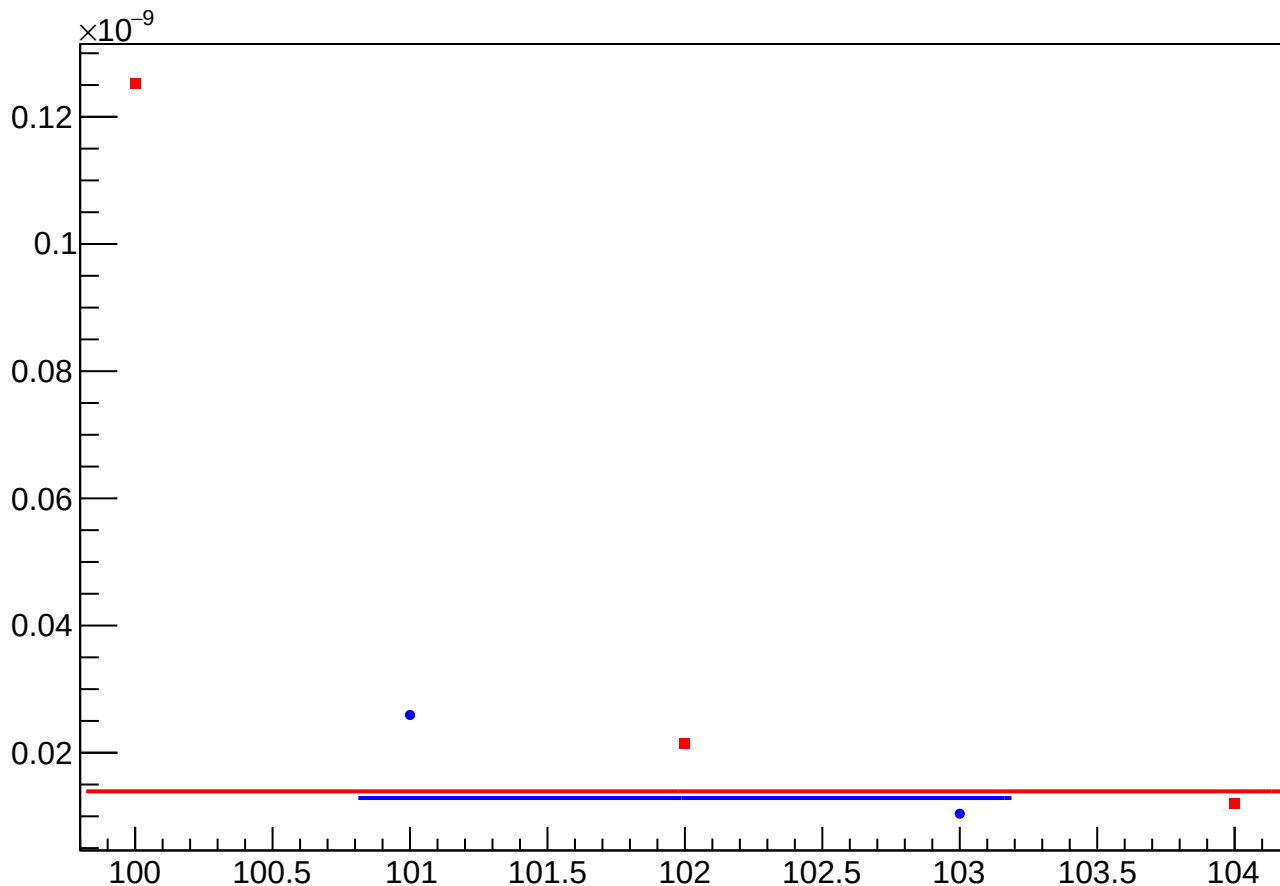
Right: -0.000+/-0.000 χ^2/NDF : 6.1/4

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 : 6.1/4

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 : 179837.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

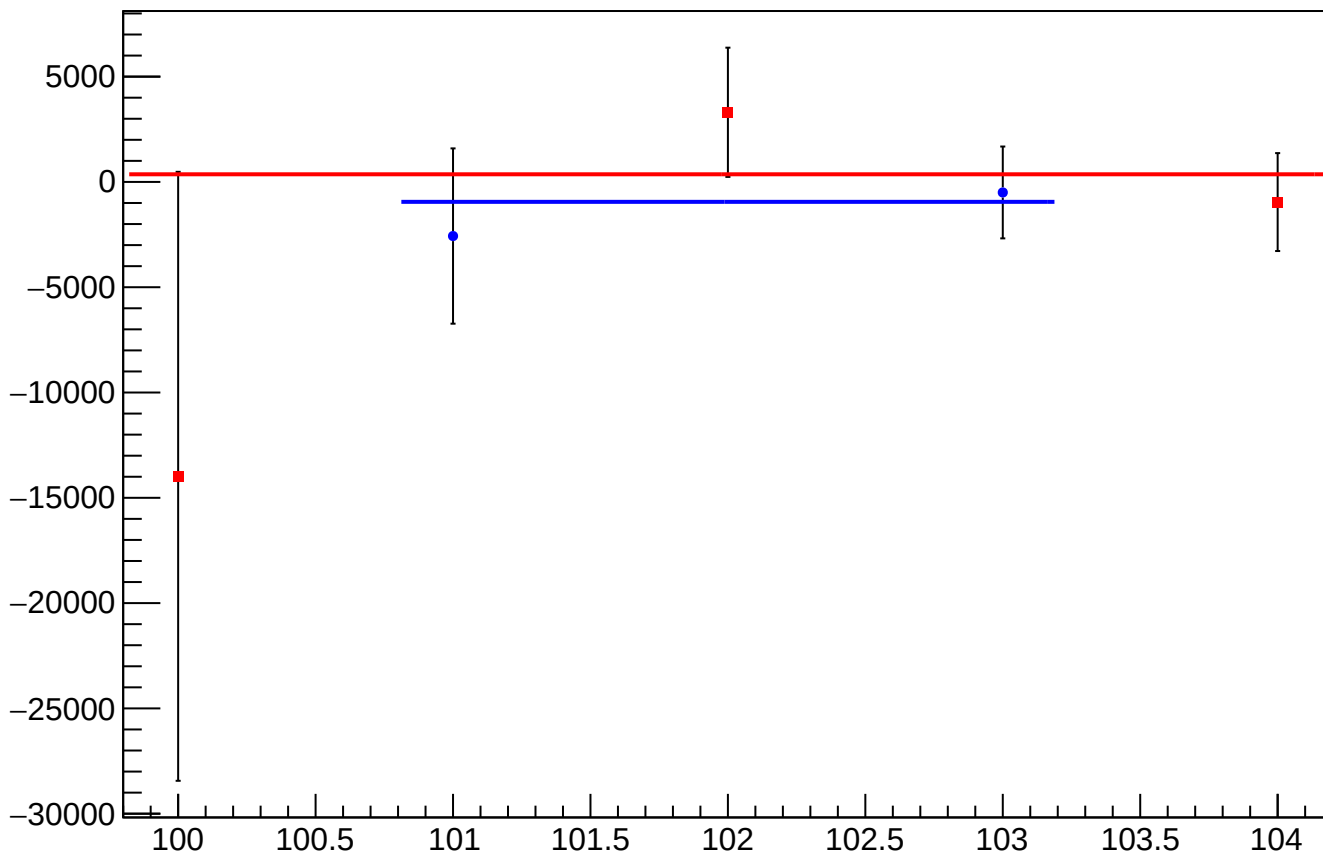
Right: 0.000+/-0.000 χ^2/NDF : 418698.5/4

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 : 418698.5/4

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: 362.953+/-1837.987 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

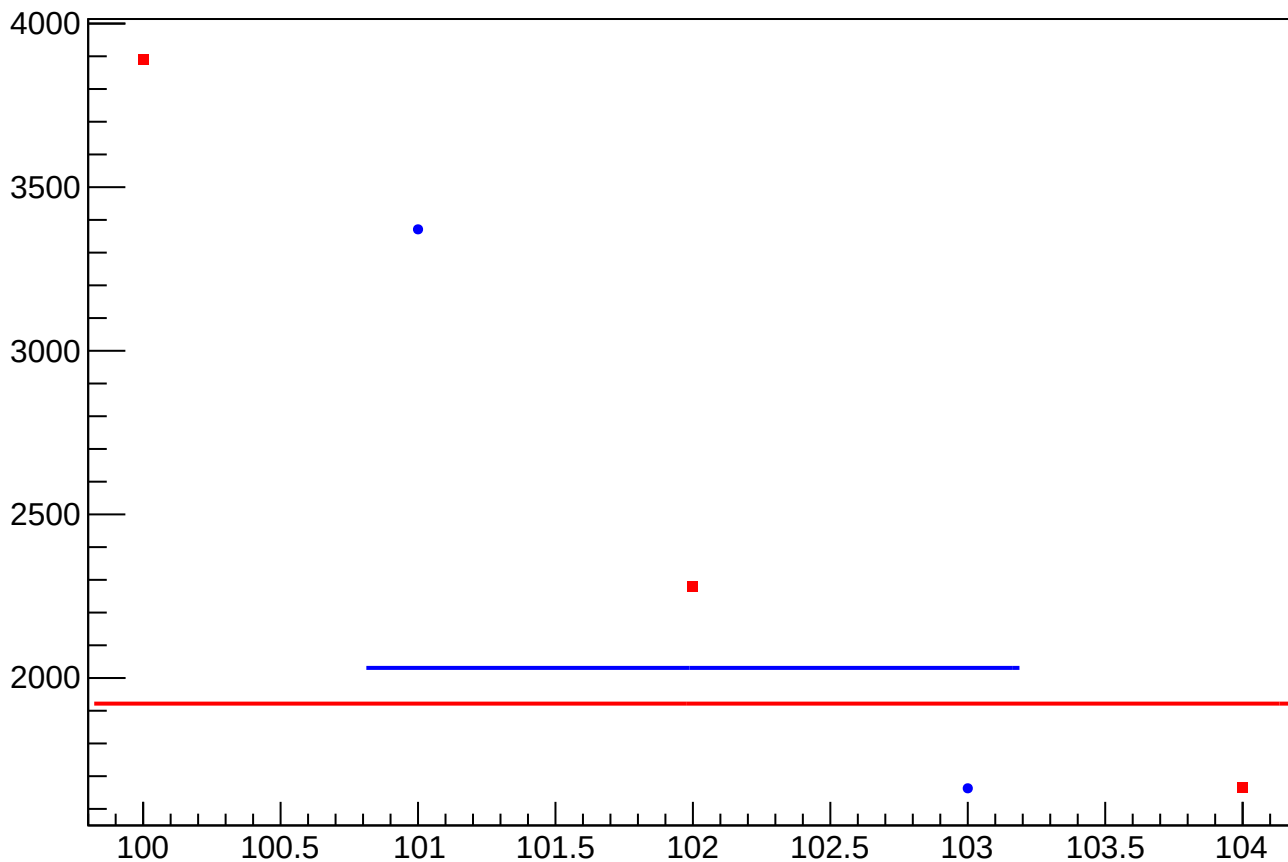
Right: -258.852+/-1331.515 χ^2/NDF : 2.7/4

In: -945.605+/-1931.593 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.852+/-1331.515 χ^2/NDF : 2.7/4

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: 1921.760+/-1.300 χ^2/NDF : 88695.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

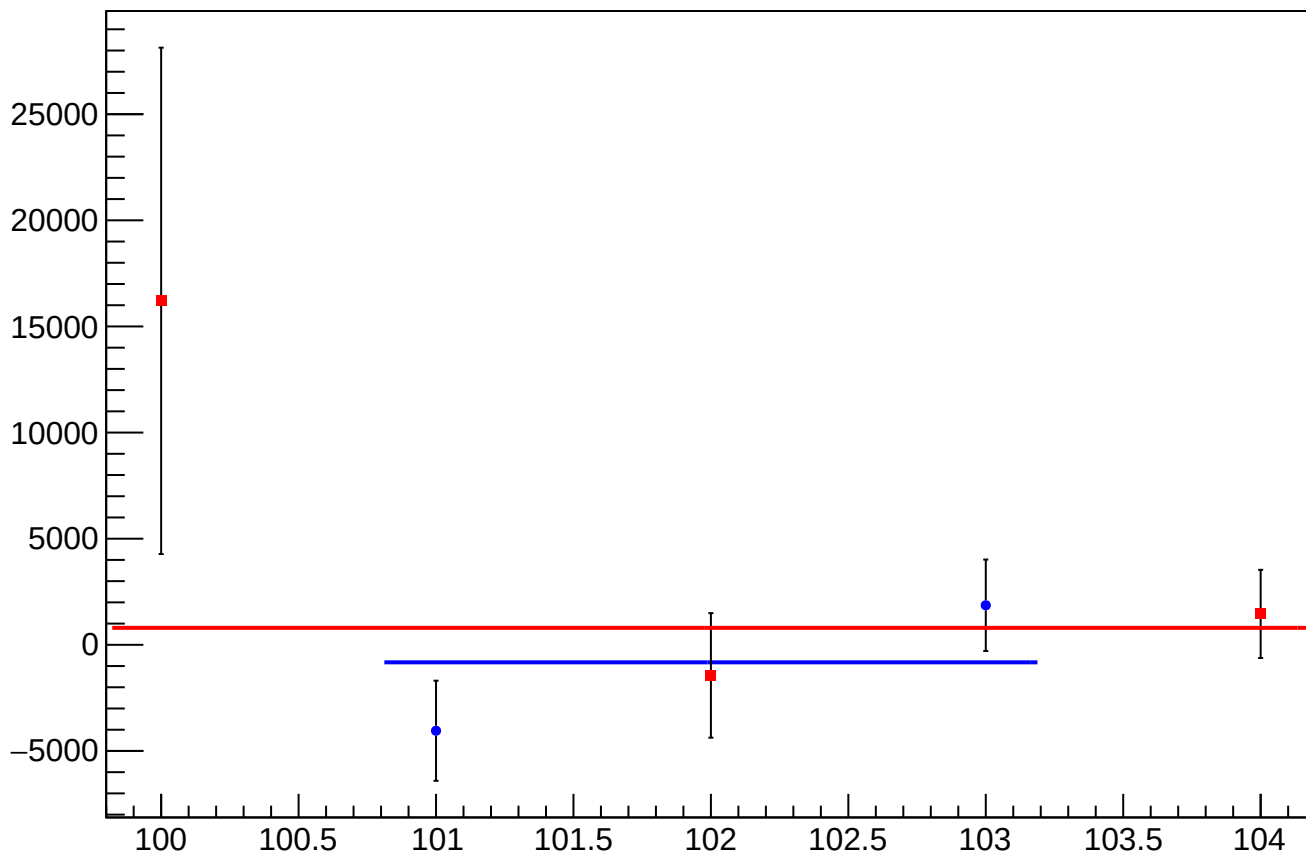
Right: 1973.632+/-0.942 χ^2/NDF : 356389.0/4

In: 2030.922+/-1.366 χ^2/NDF : 264341.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.632+/-0.942 χ^2/NDF : 356389.0/4

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: 800.299+/-1678.273 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

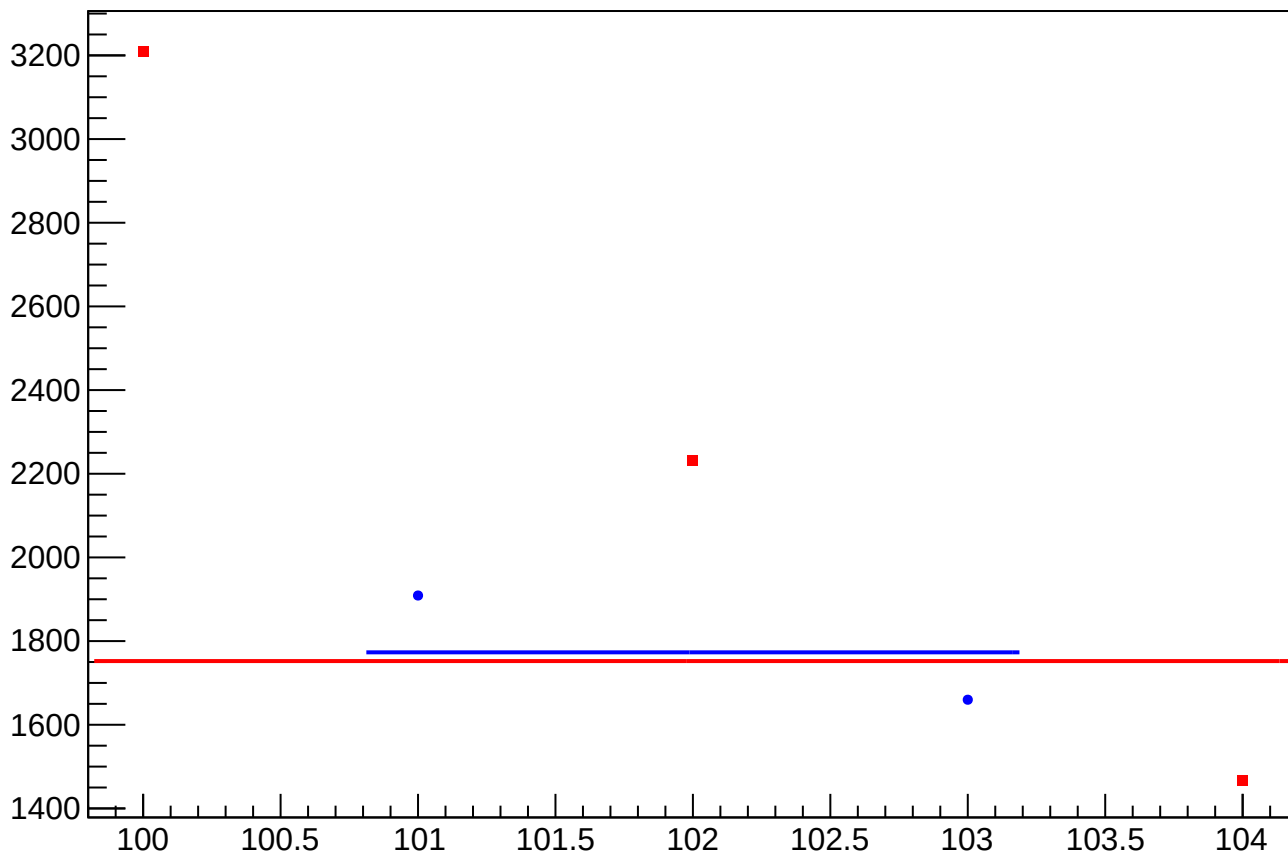
Right: -56.220+/-1154.370 χ^2/NDF : 6.3/4

In: -825.323+/-1590.326 χ^2/NDF : 3.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.220+/-1154.370 χ^2/NDF : 6.3/4

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: 1752.248+/-1.187 χ^2/NDF : 121042.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

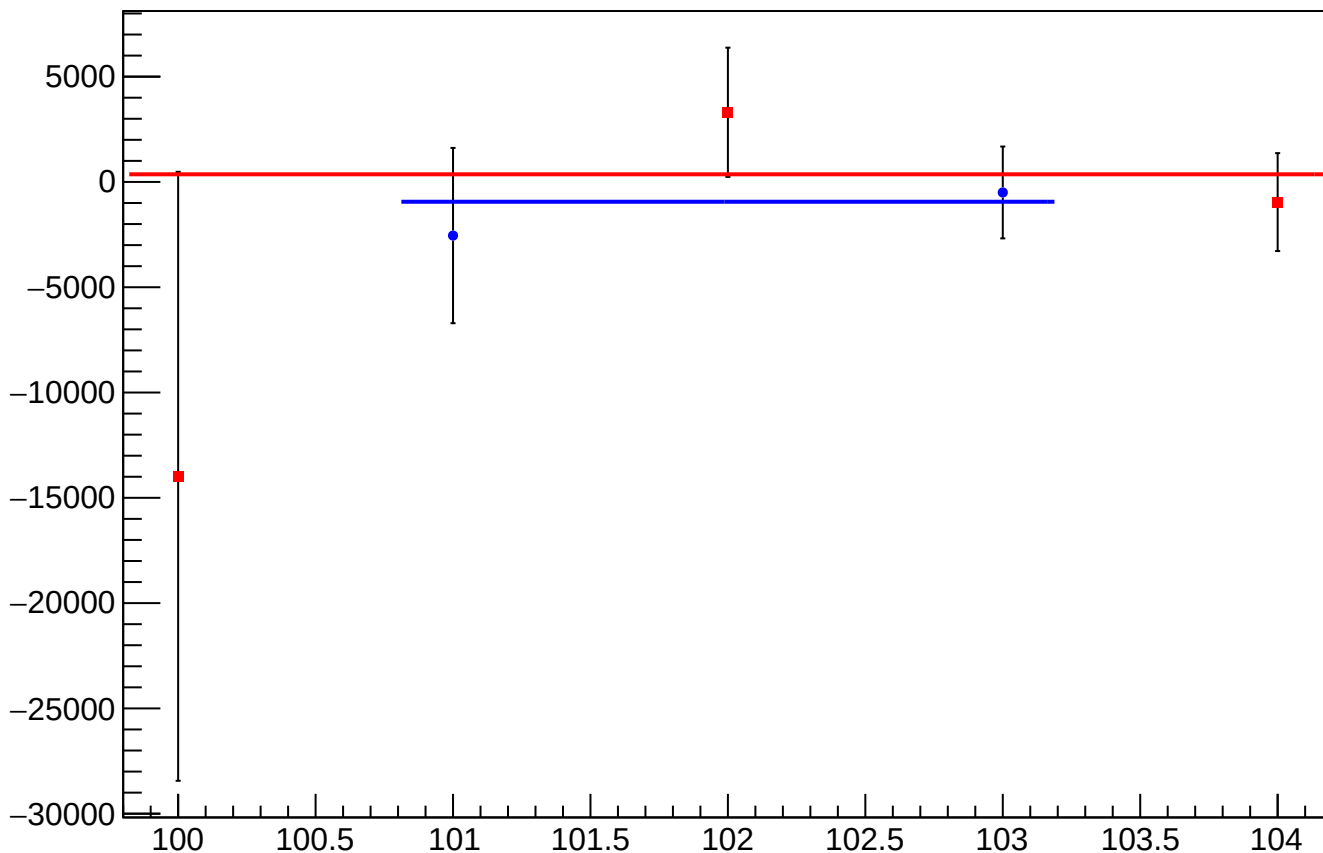
Right: 1763.252+/-0.816 χ^2/NDF : 133371.7/4

In: 1773.133+/-1.125 χ^2/NDF : 12166.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.252+/-0.816 χ^2/NDF : 133371.7/4

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: 362.957+/-1837.988 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

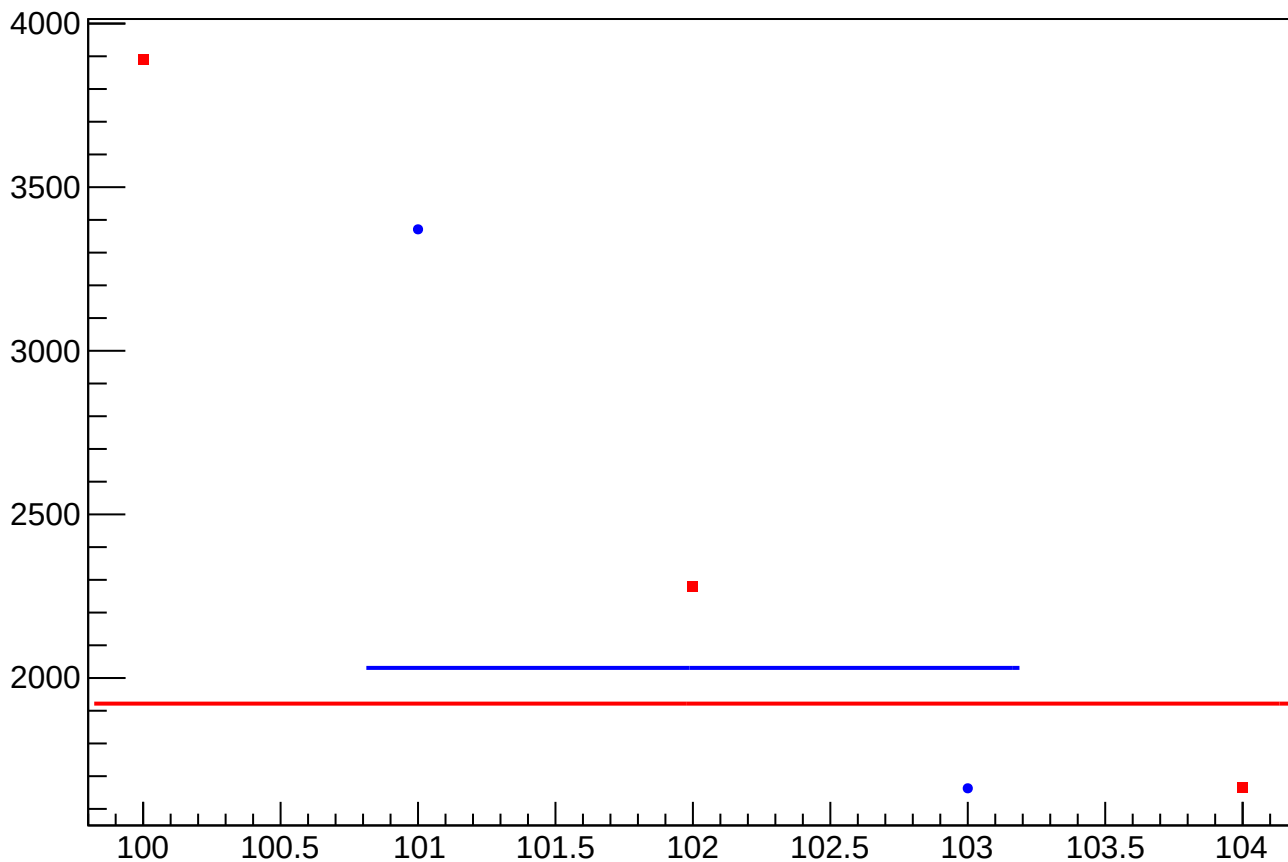
Right: -256.439+/-1331.517 χ^2/NDF : 2.7/4

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.439+/-1331.517 χ^2/NDF : 2.7/4

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: 1921.758+/-1.300 χ^2/NDF : 88694.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

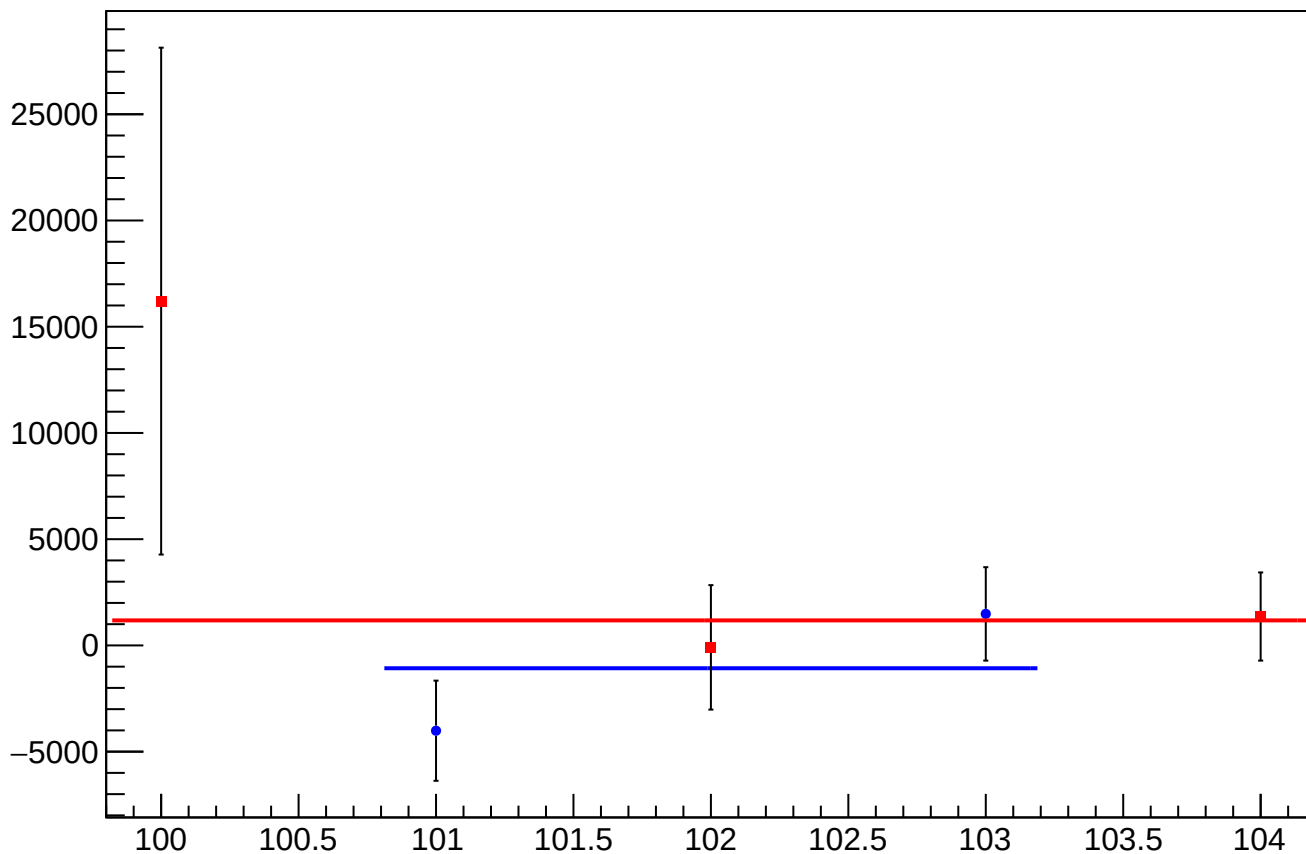
Right: 1973.631+/-0.942 χ^2/NDF : 356390.5/4

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.631+/-0.942 χ^2/NDF : 356390.5/4

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: 1177.588+/-1676.325 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

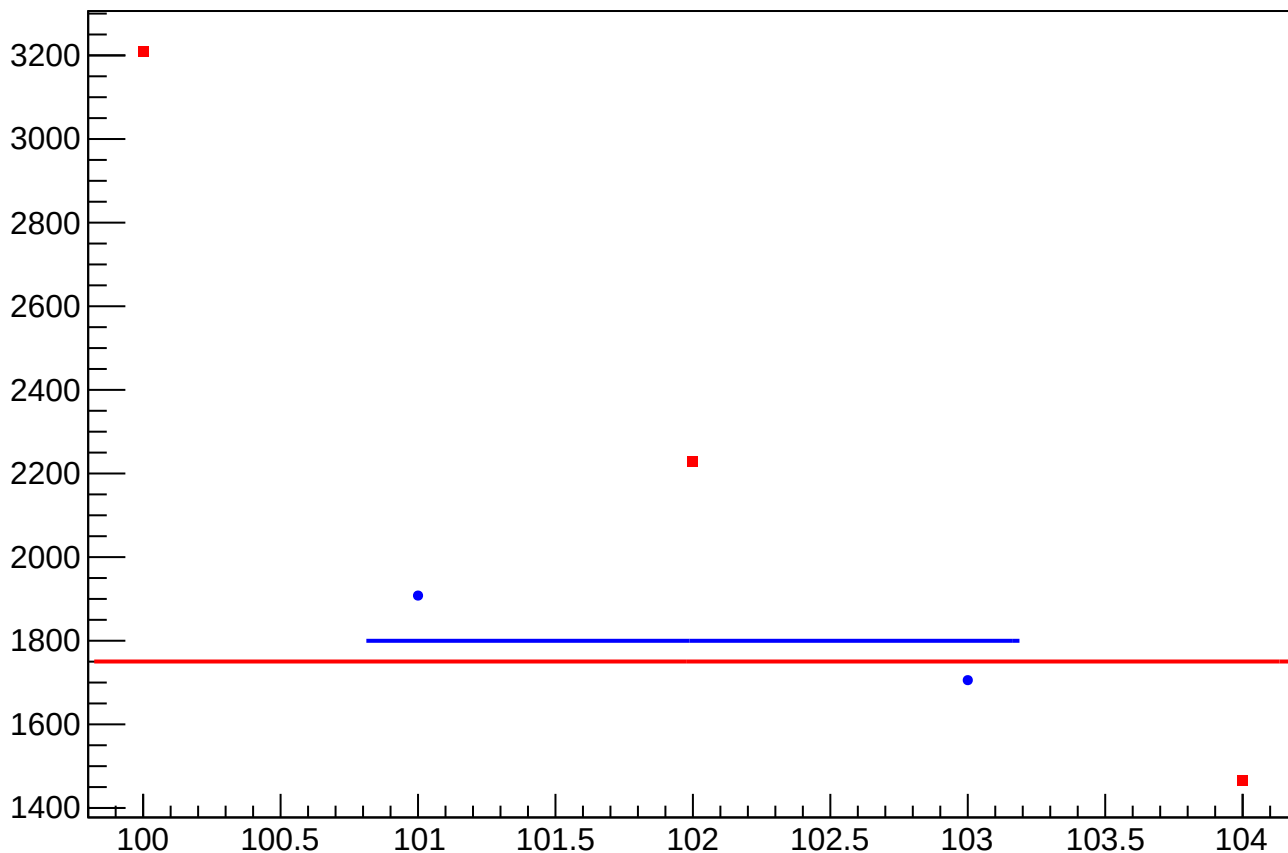
Right: 4.500+/-1160.307 χ^2/NDF : 5.6/4

In: -1074.467+/-1607.672 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.500+/-1160.307 χ^2/NDF : 5.6/4

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: 1750.323+/-1.185 χ^2/NDF : 120575.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

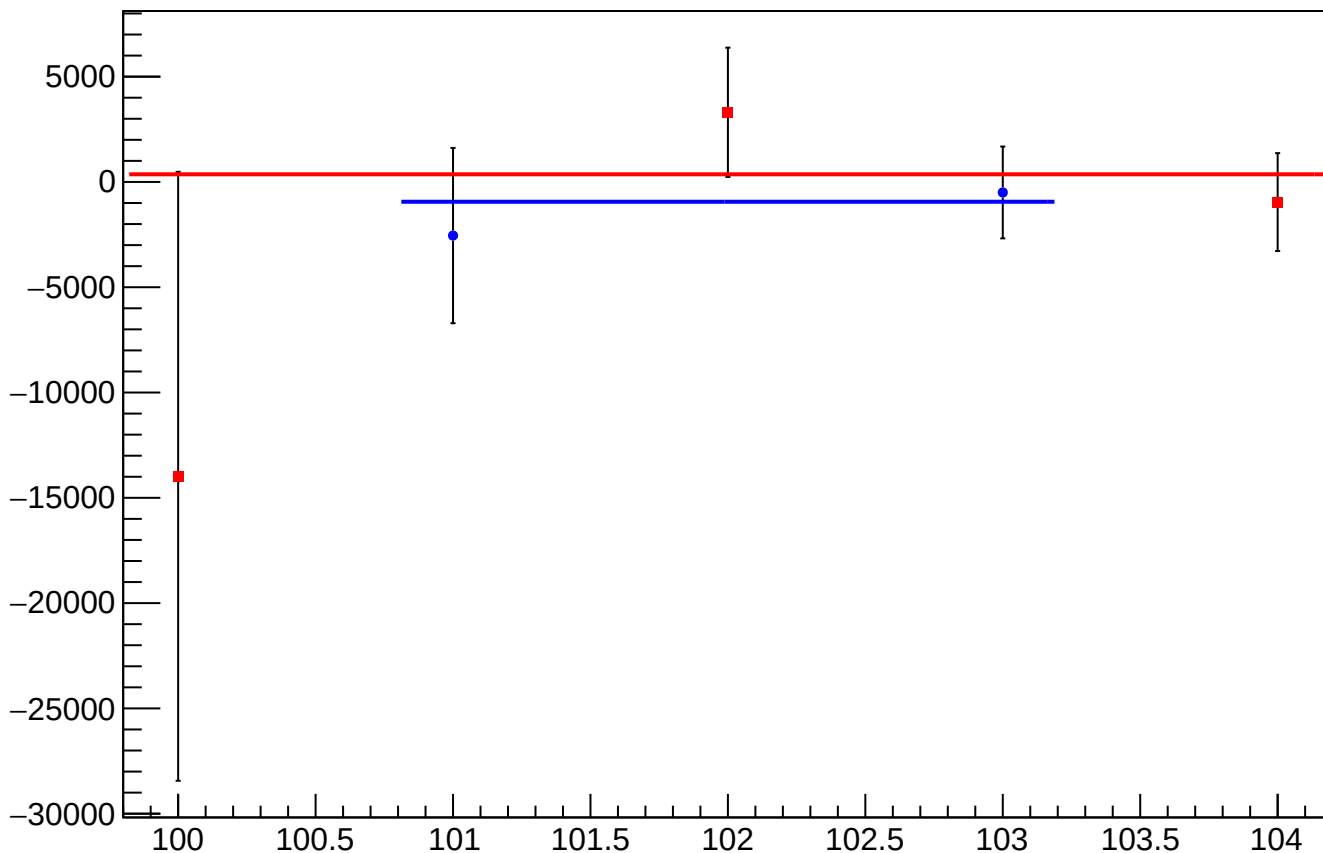
Right: 1776.117+/-0.820 χ^2/NDF : 129361.5/4

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.117+/-0.820 χ^2/NDF : 129361.5/4

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: 362.957+/-1837.988 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

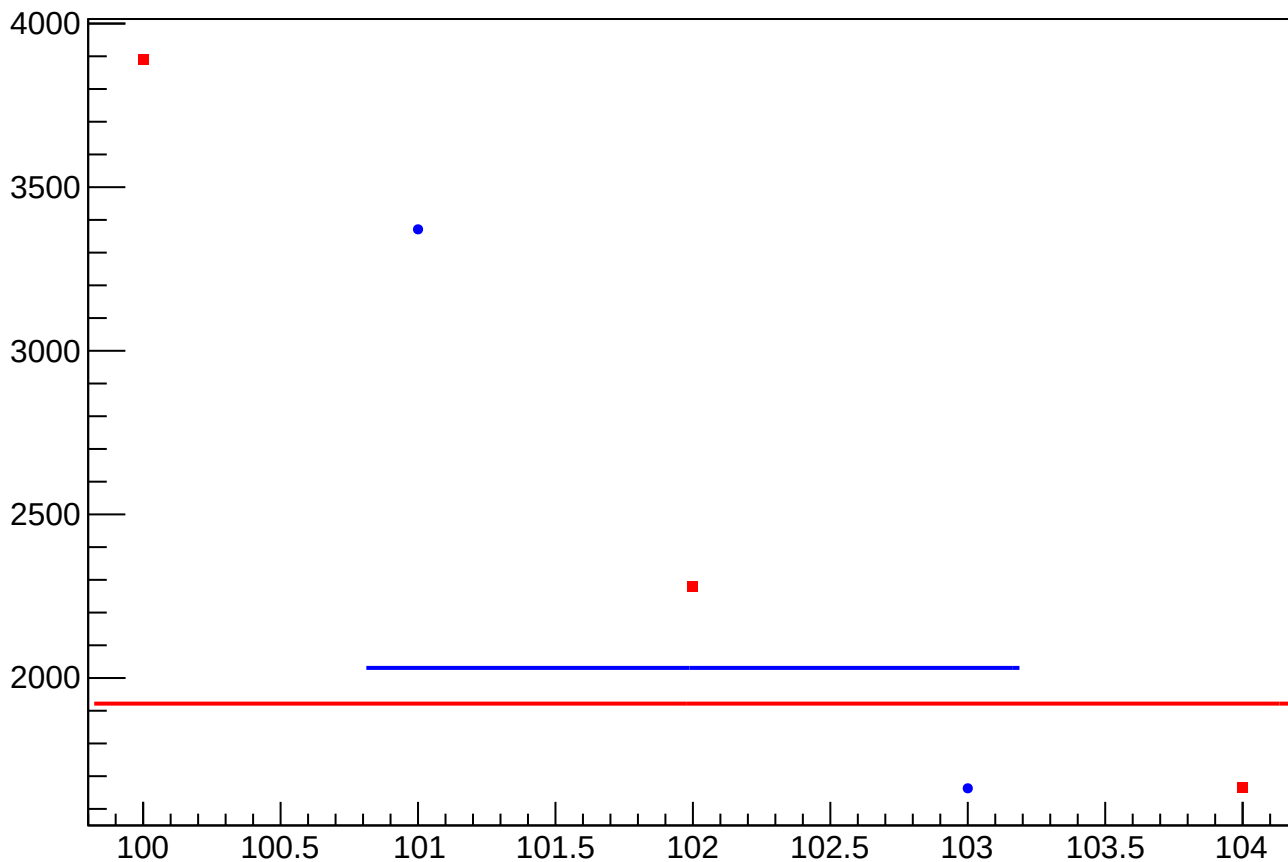
Right: -256.439+/-1331.517 χ^2/NDF : 2.7/4

In: -940.534+/-1931.597 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.439+/-1331.517 χ^2/NDF : 2.7/4

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: 1921.758+/-1.300 χ^2/NDF : 88694.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

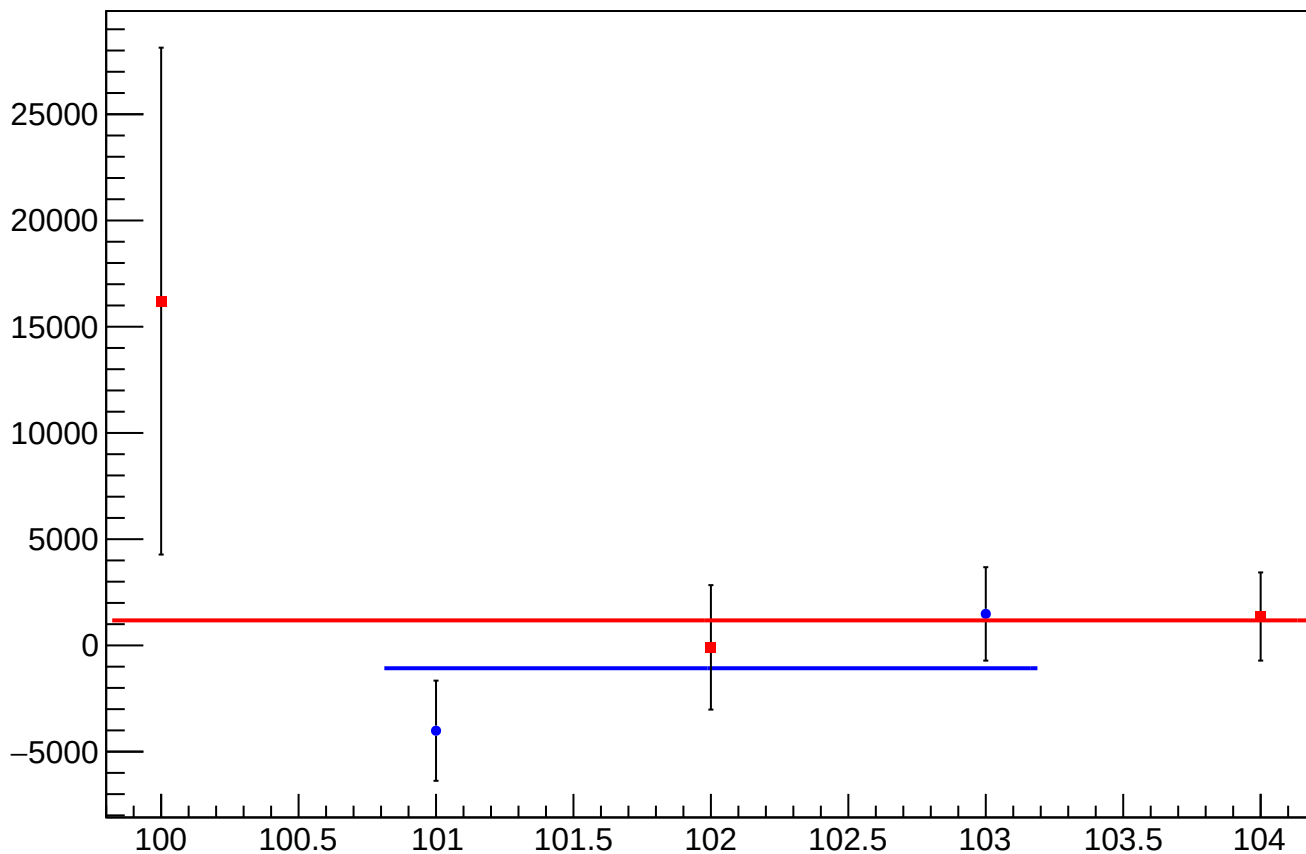
Right: 1973.631+/-0.942 χ^2/NDF : 356390.5/4

In: 2030.922+/-1.366 χ^2/NDF : 264343.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1973.631+/-0.942 χ^2/NDF : 356390.5/4

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: 1177.588 $\pm$ -1676.325 χ^2 /NDF: 1.8/2

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

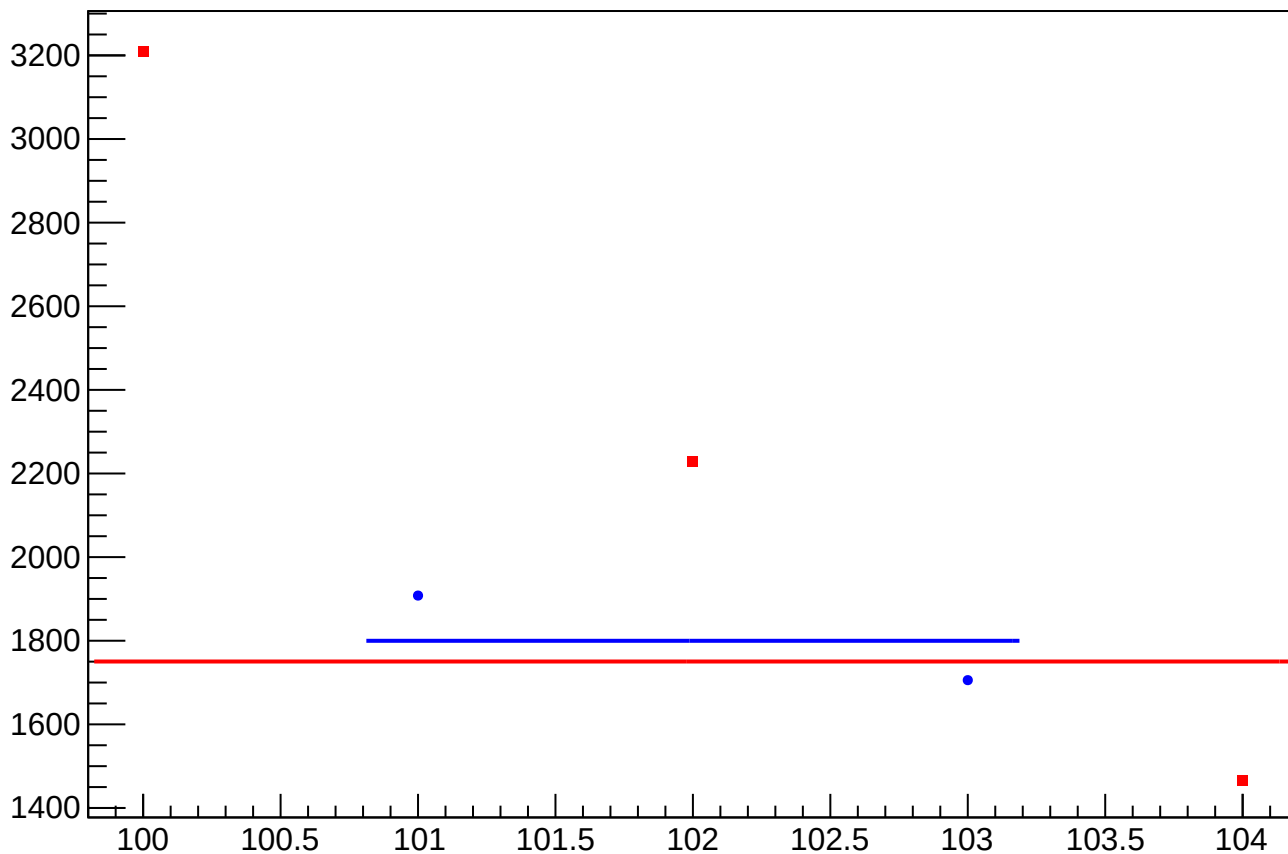
Right: 4.500 $\pm$ -1160.307 χ^2 /NDF: 5.6/4

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: 4.500 $\pm$ -1160.307 χ^2 /NDF: 5.6/4

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: 1750.323+/-1.185 χ^2/NDF : 120575.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

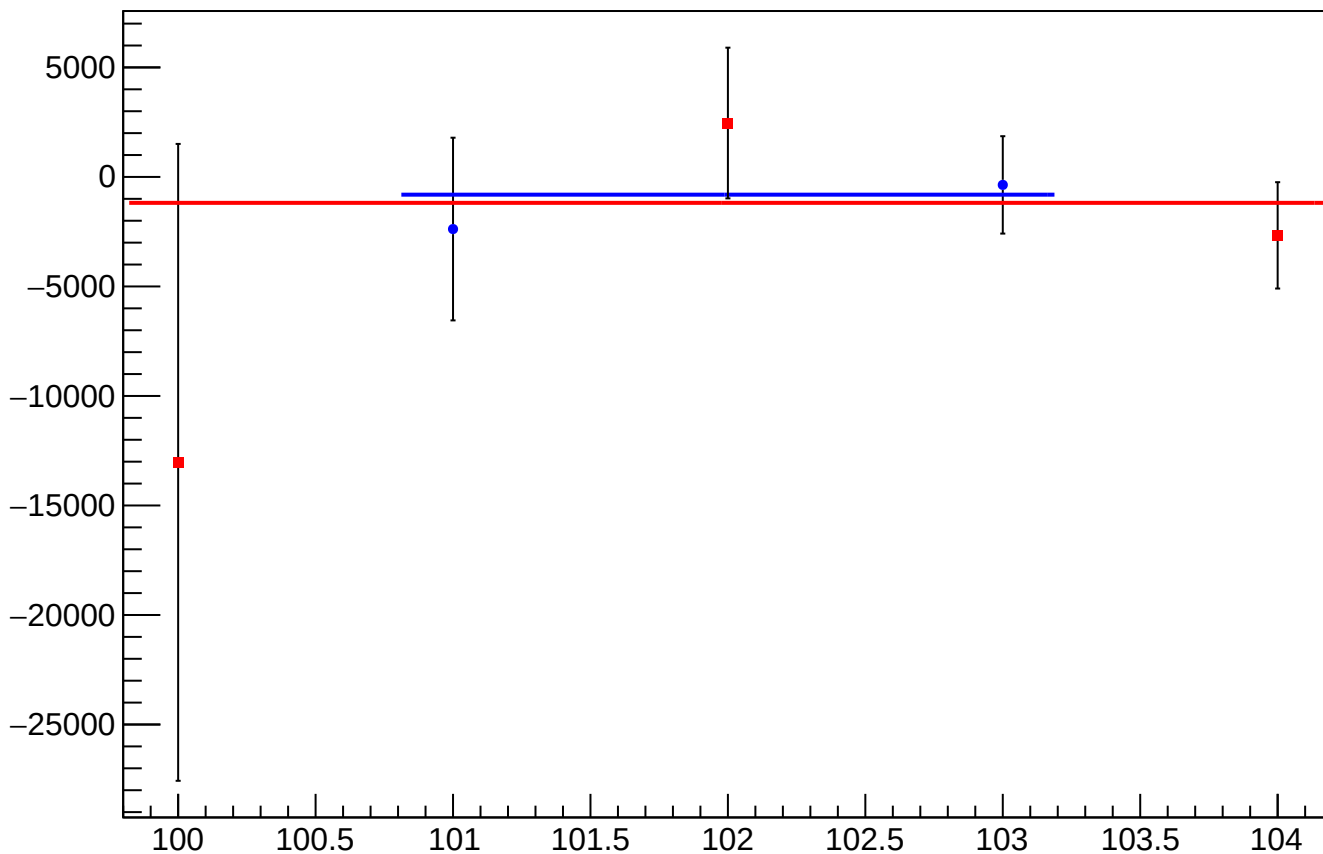
Right: 1776.117+/-0.820 χ^2/NDF : 129361.5/4

In: 1799.841+/-1.137 χ^2/NDF : 7877.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.117+/-0.820 χ^2/NDF : 129361.5/4

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: -1183.433+/-1965.394 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

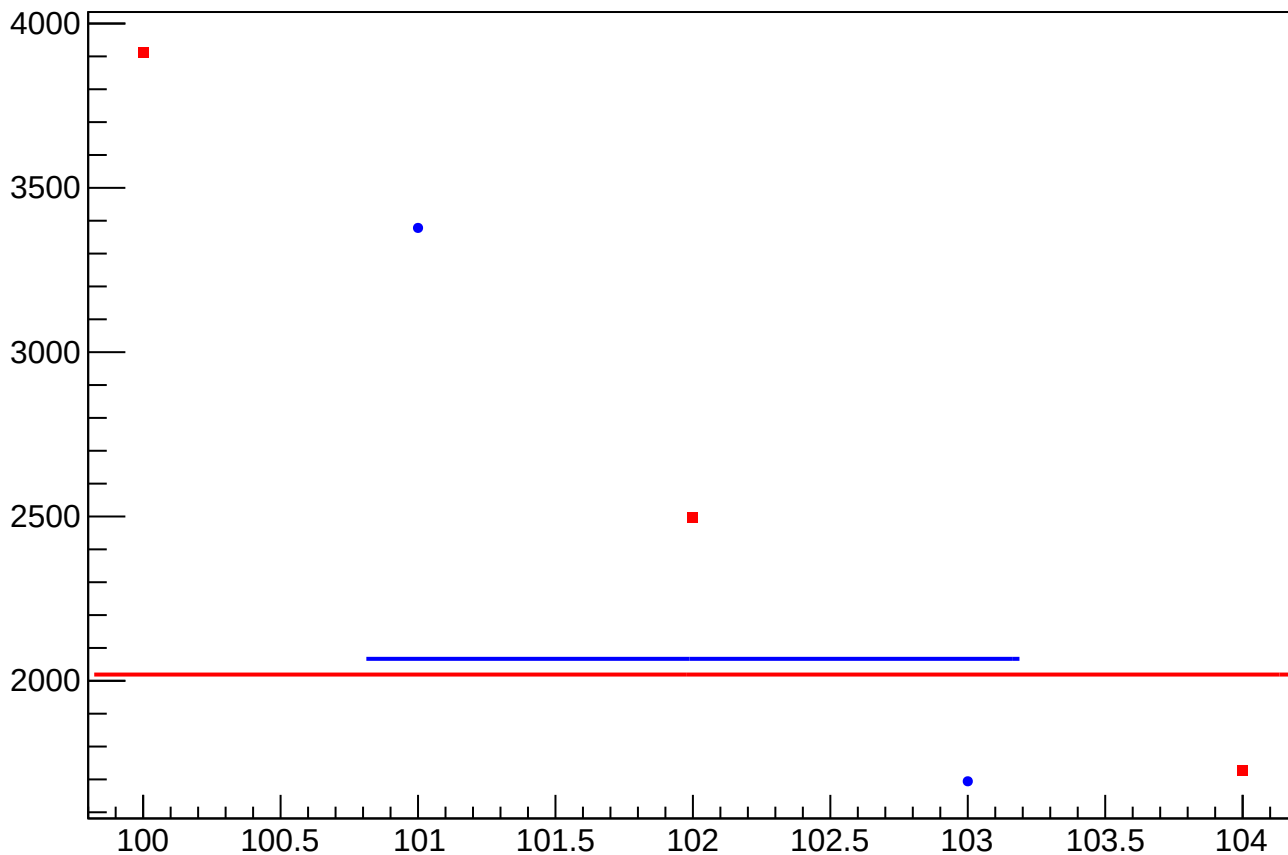
Right: -996.209+/-1388.471 χ^2/NDF : 2.4/4

In: -809.669+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -996.209+/-1388.471 χ^2/NDF : 2.4/4

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: 2019.062+/-1.390 χ^2/NDF : 101334.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

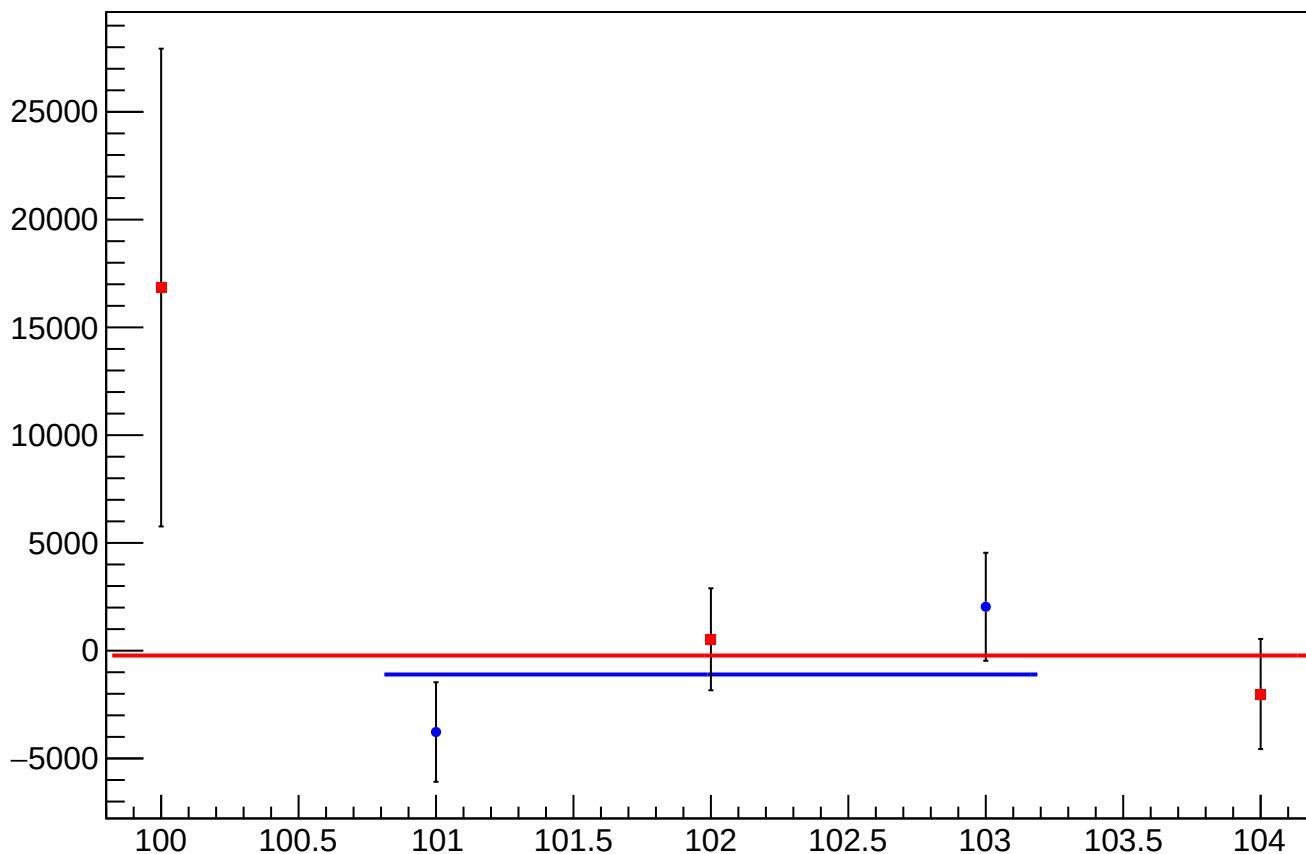
Right: 2043.015+/-0.982 χ^2/NDF : 355806.6/4

In: 2066.881+/-1.387 χ^2/NDF : 253879.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2043.015+/-0.982 χ^2/NDF : 355806.6/4

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: -224.433 $\pm$ 1714.868 χ^2 /NDF: 3.0/2

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

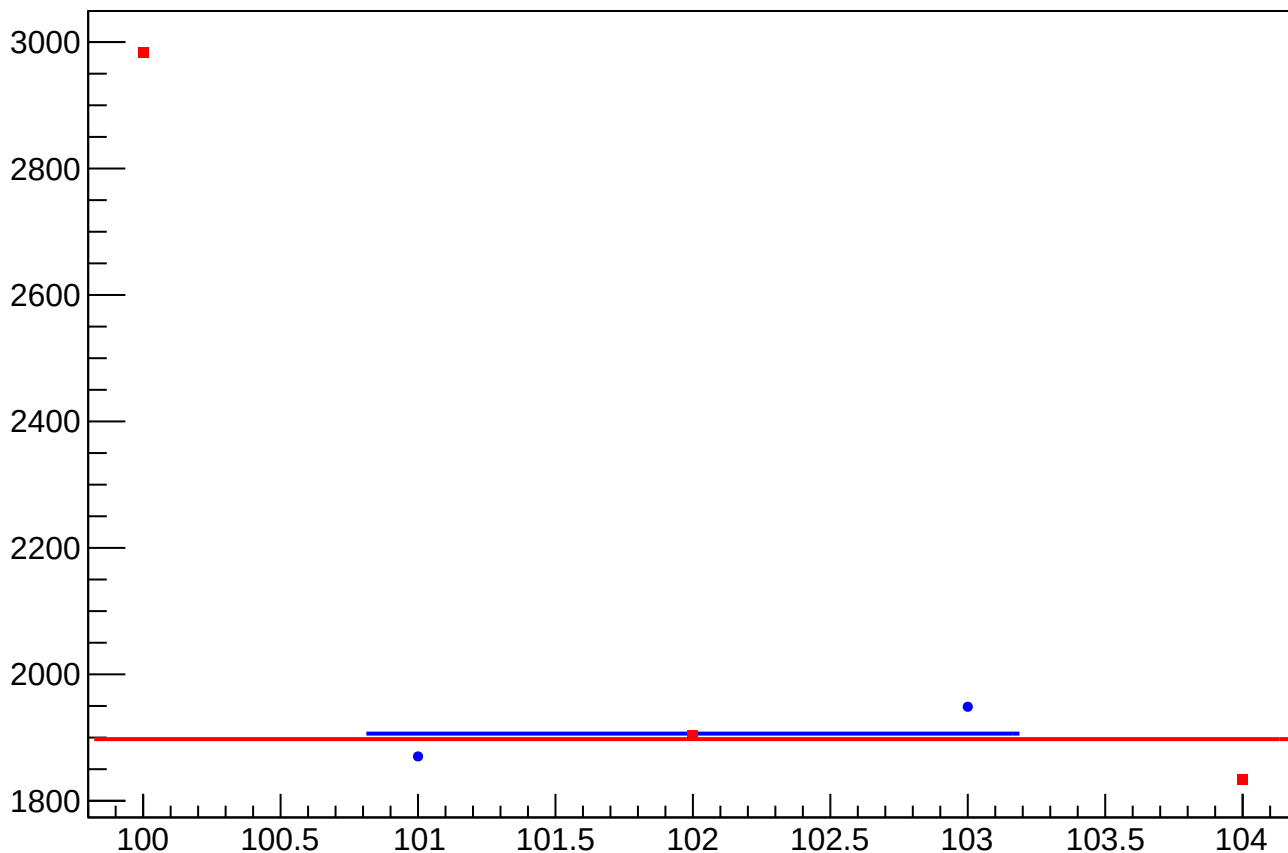
Right: -668.747 $\pm$ 1206.570 χ^2 /NDF: 6.0/4

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: -668.747 $\pm$ 1206.570 χ^2 /NDF: 6.0/4

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: 1897.566+/-1.213 χ^2/NDF : 20461.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

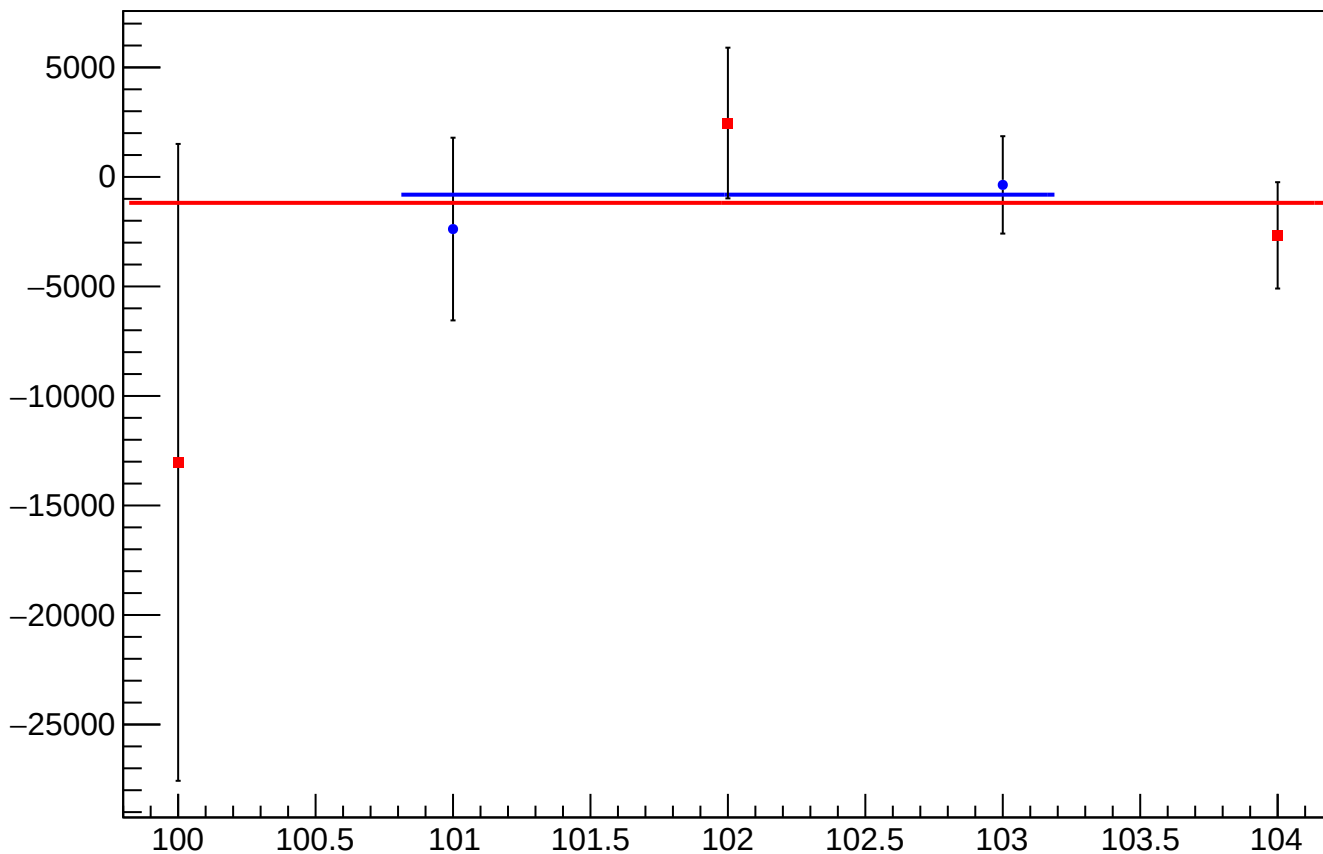
Right: 1901.965+/-0.853 χ^2/NDF : 21550.6/4

In: 1906.278+/-1.201 χ^2/NDF : 1062.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.965+/-0.853 χ^2/NDF : 21550.6/4

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: -1183.431+/-1965.394 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

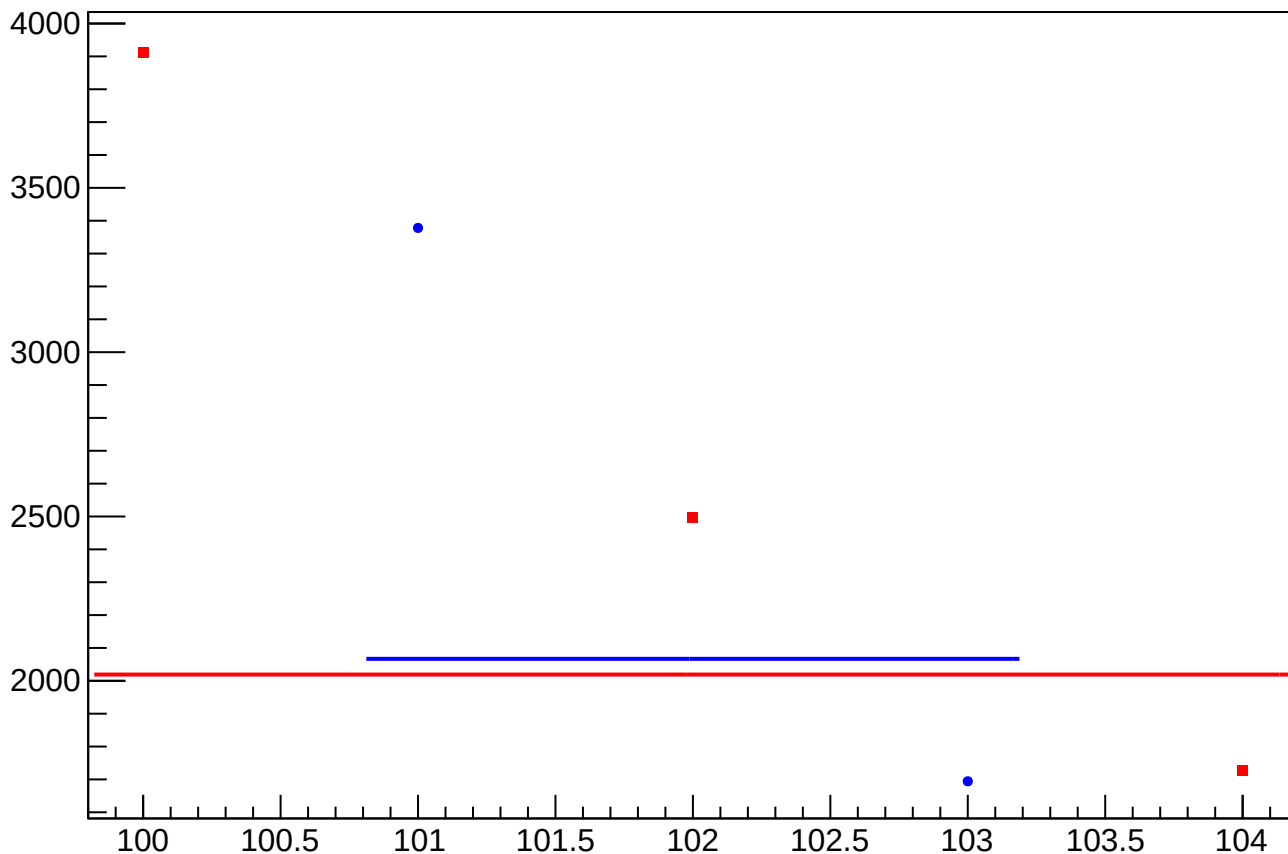
Right: -996.204+/-1388.471 χ^2/NDF : 2.4/4

In: -809.661+/-1961.800 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -996.204+/-1388.471 χ^2/NDF : 2.4/4

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: 2019.063+/-1.390 χ^2/NDF : 101334.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

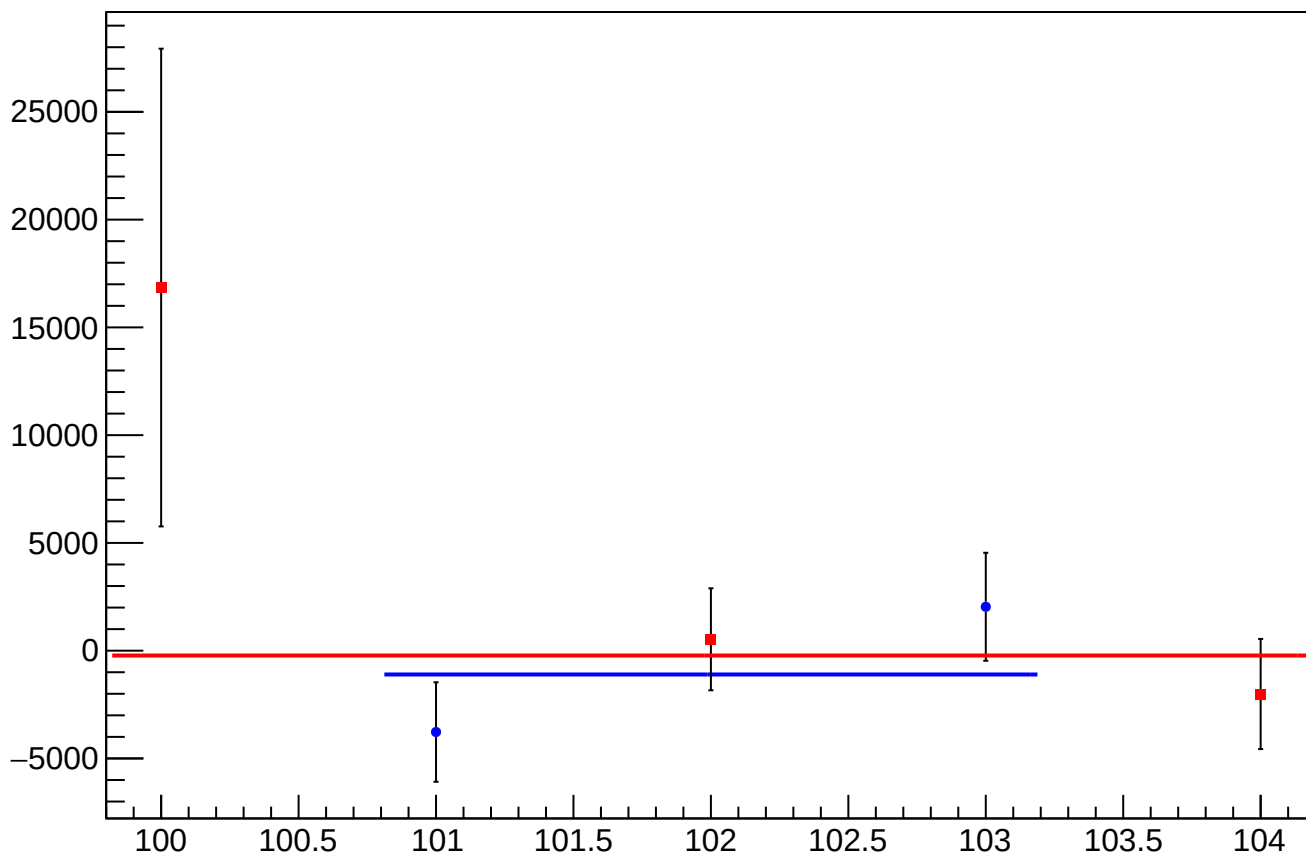
Right: 2043.016+/-0.982 χ^2/NDF : 355806.4/4

In: 2066.881+/-1.387 χ^2/NDF : 253878.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2043.016+/-0.982 χ^2/NDF : 355806.4/4

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: -224.430+/-1714.871 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

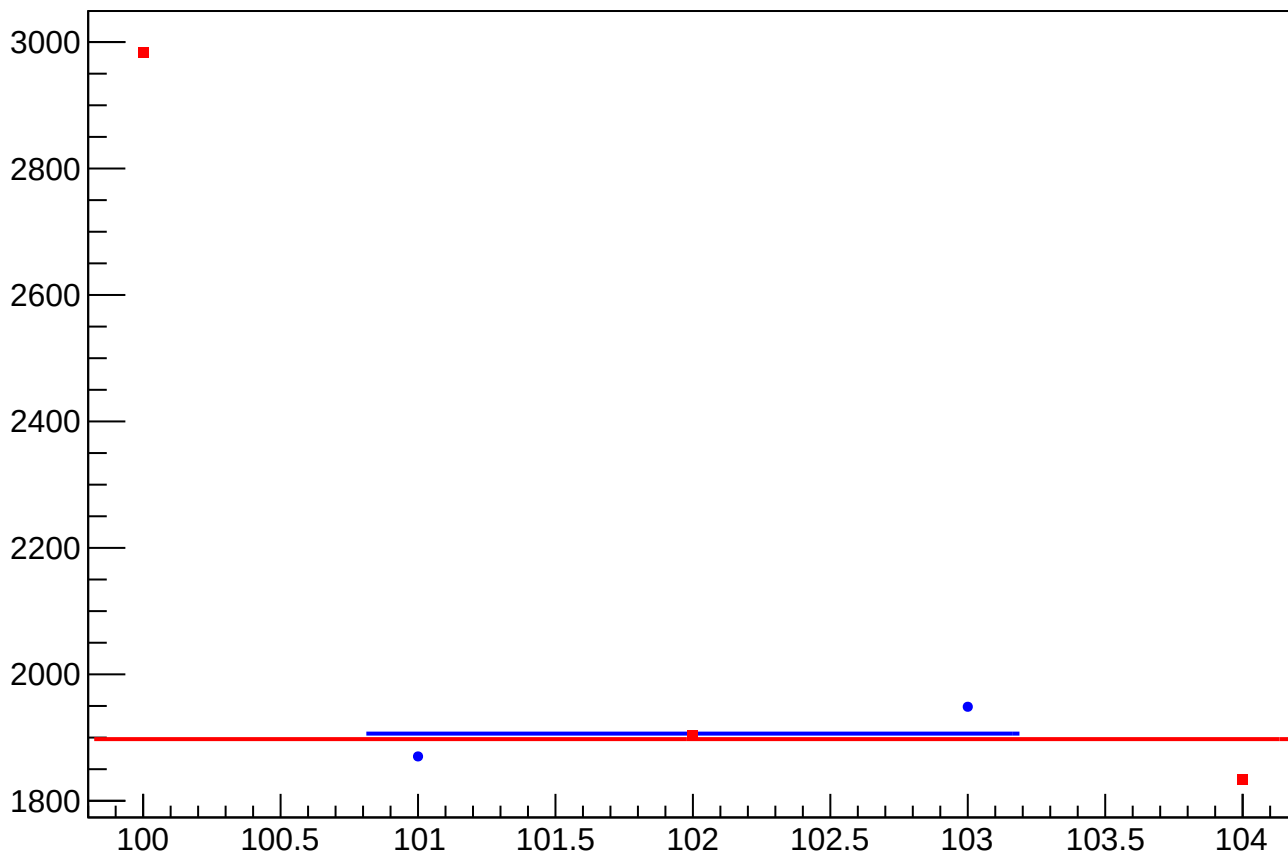
Right: -668.747+/-1206.571 χ^2/NDF : 6.0/4

In: -1104.340+/-1697.952 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -668.747+/-1206.571 χ^2/NDF : 6.0/4

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: 1897.569+/-1.213 χ^2 /NDF: 20461.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

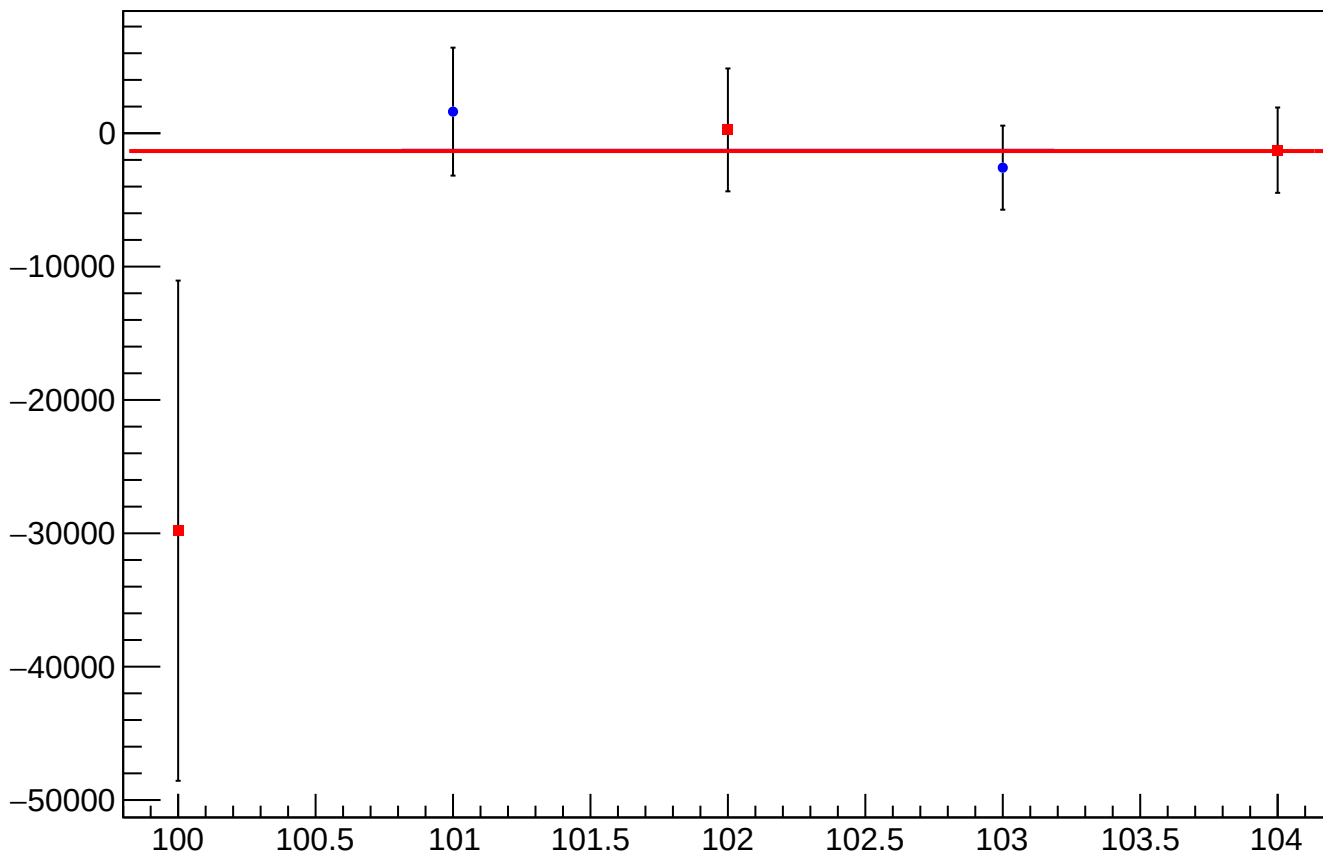
Right: 1901.966+/-0.853 χ^2 /NDF: 21550.5/4

In: 1906.276+/-1.201 χ^2 /NDF:1062.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1901.966+/-0.853 χ^2 /NDF: 21550.5/4

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: -1333.808+/-2602.366 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

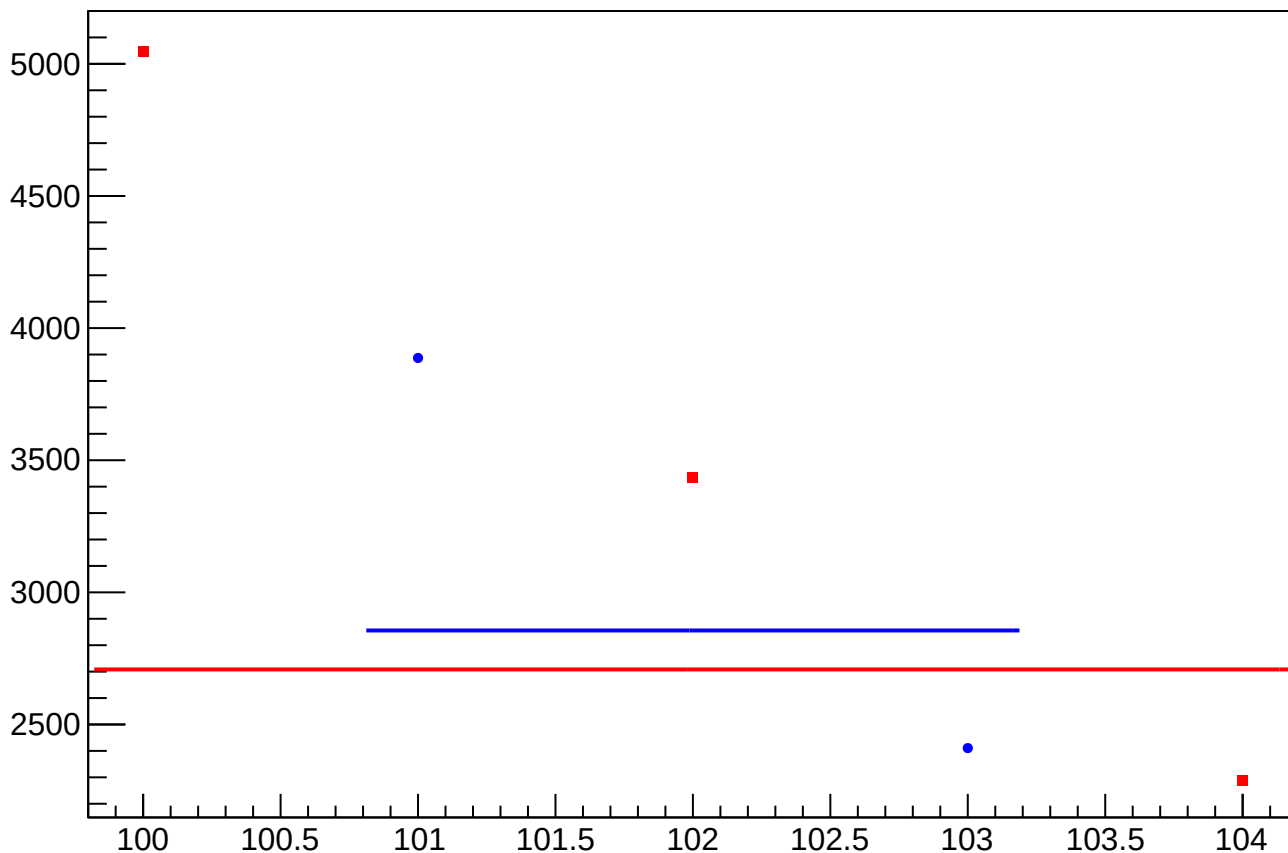
Right: -1324.367+/-1851.251 χ^2/NDF : 3.0/4

In: -1314.695+/-2634.051 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1324.367+/-1851.251 χ^2/NDF : 3.0/4

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2855.782+/-1.862 χ^2/NDF : 132357.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2708.263+/-1.840 χ^2/NDF : 115389.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

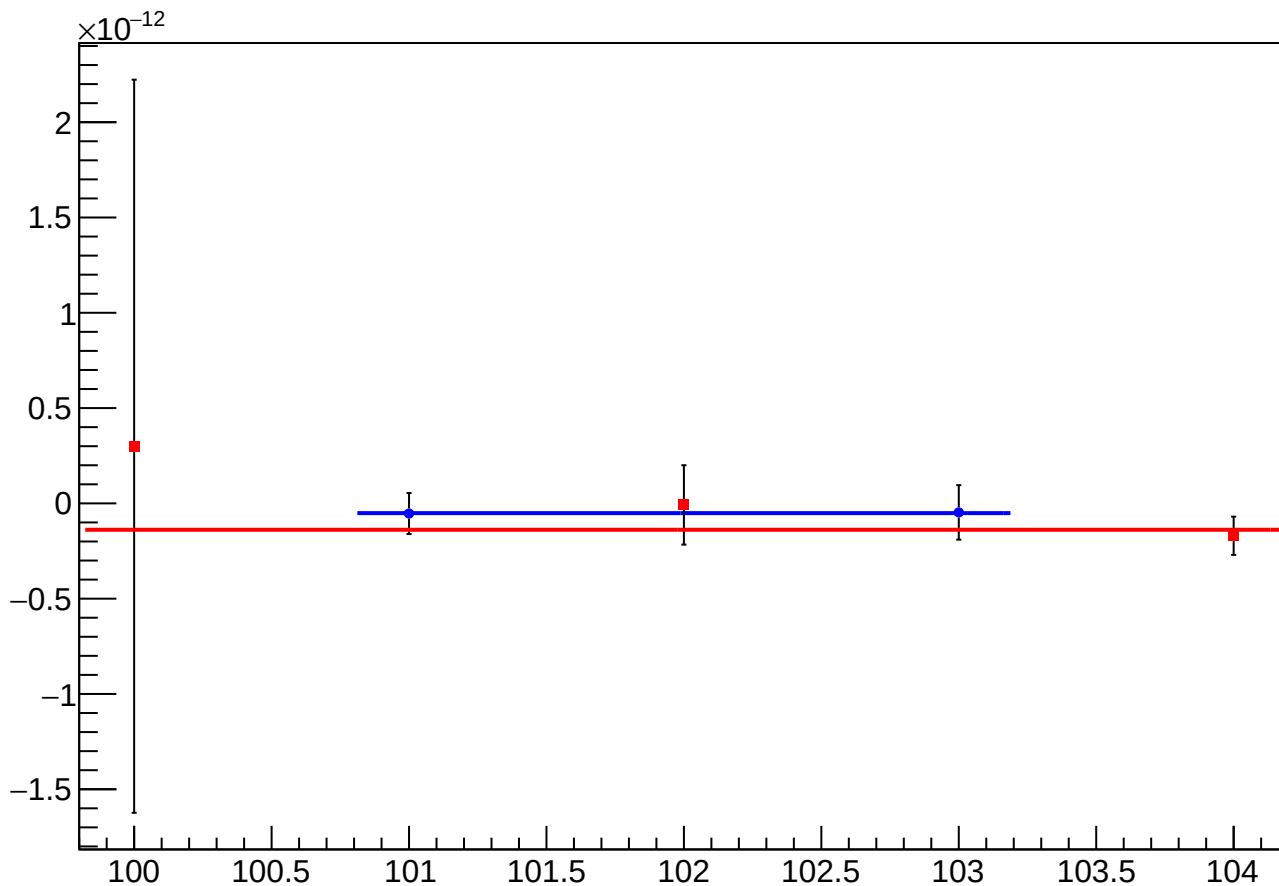
Right: 2781.131+/-1.309 χ^2/NDF : 250920.8/4

In: 2855.782+/-1.862 χ^2/NDF : 132357.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2781.131+/-1.309 χ^2/NDF : 250920.8/4

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 : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

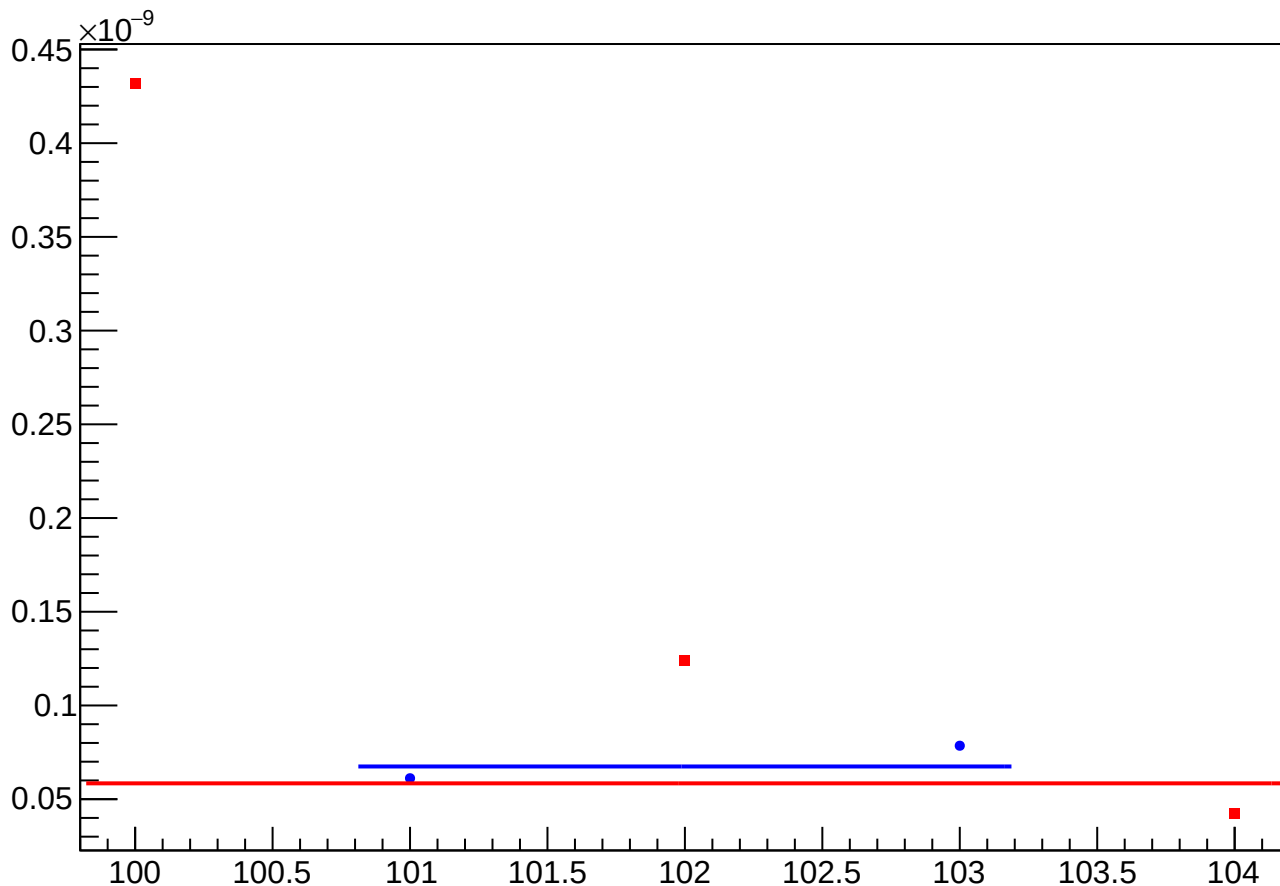
Right: -0.000+/-0.000 χ^2/NDF : 1.0/4

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 : 1.0/4

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 : 324999.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

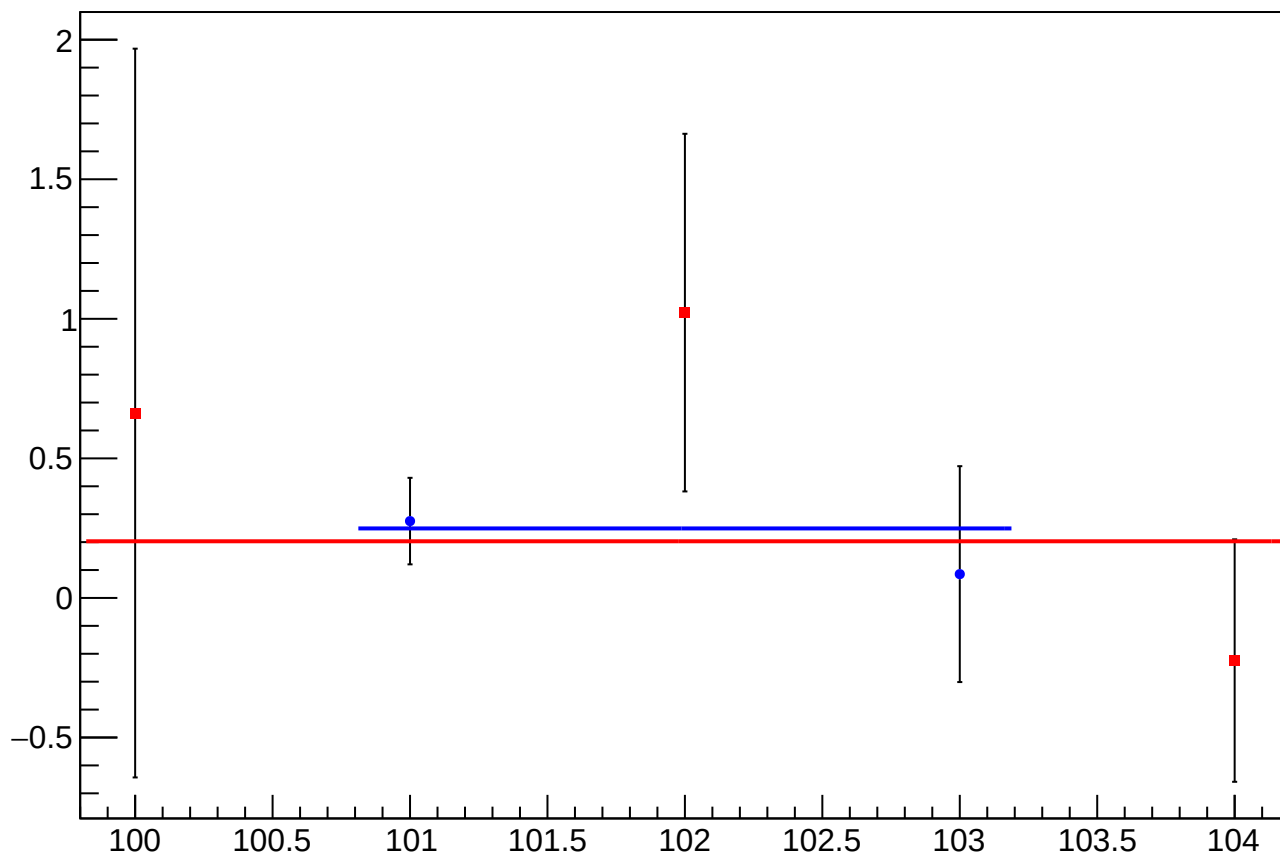
Right: 0.000+/-0.000 χ^2/NDF : 354199.0/4

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 : 354199.0/4

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: 0.203 $\pm$ 0.347 χ^2 /NDF: 2.7/2

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

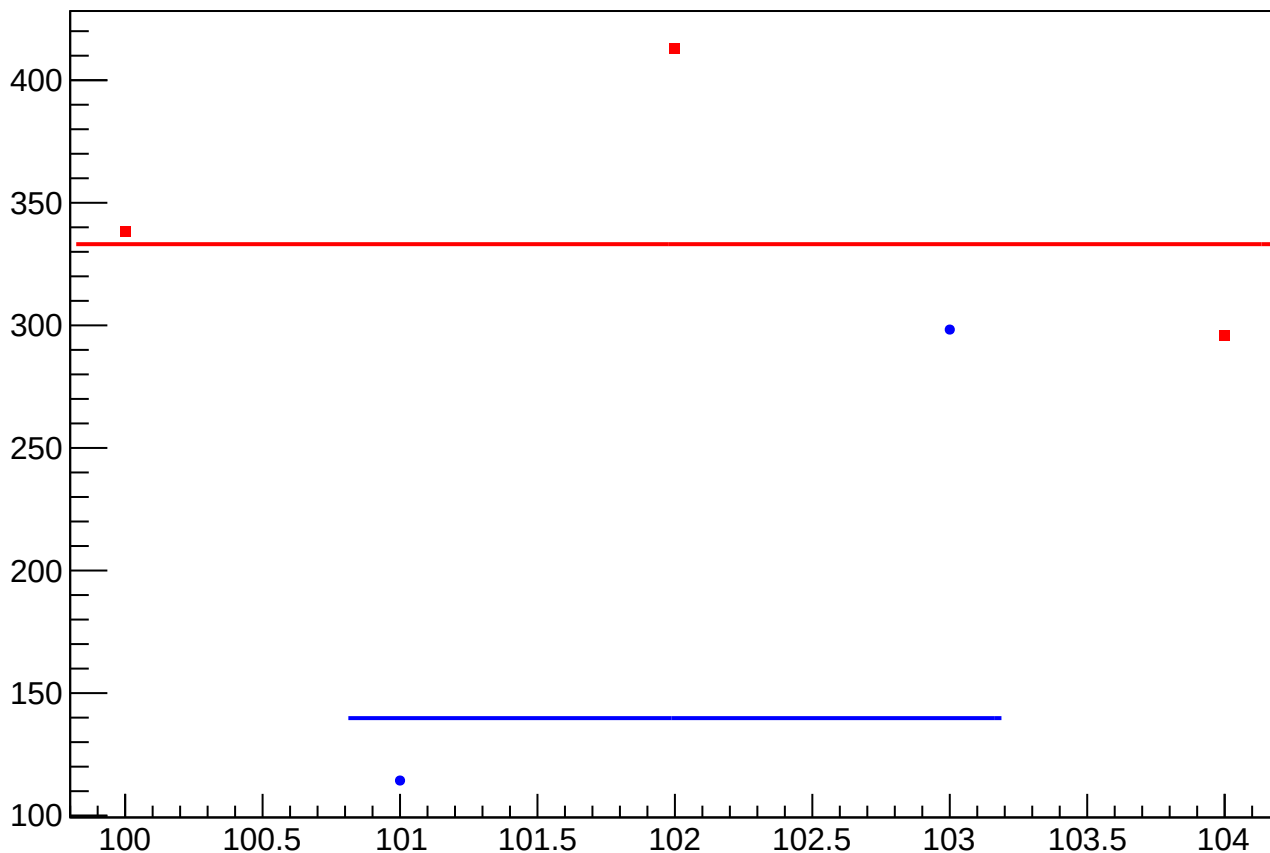
Right: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

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: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.798 $\pm$ 0.102 χ^2 /NDF: 389858.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 333.122 $\pm$ 0.245 χ^2 /NDF: 45655.8/2

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

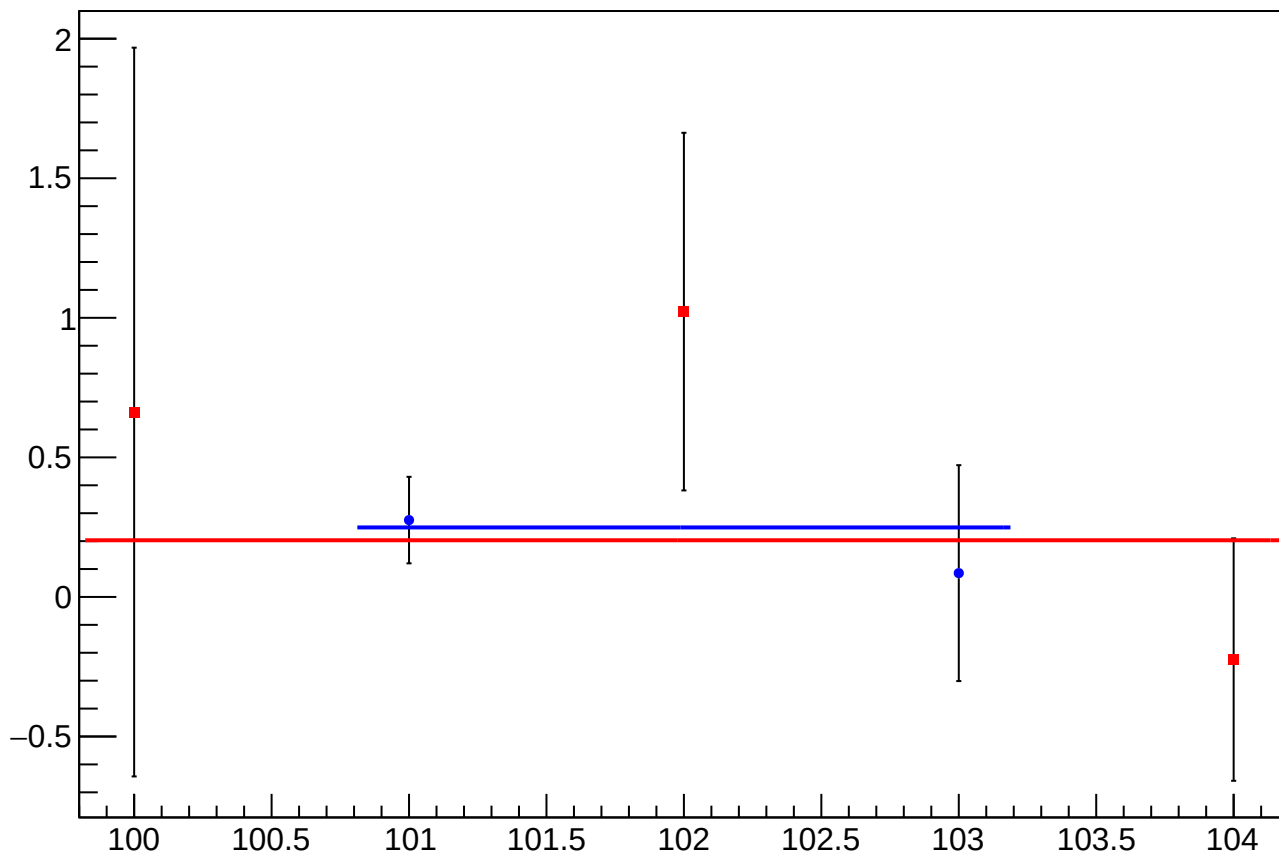
Right: 168.210 $\pm$ 0.094 χ^2 /NDF: 966315.7/4

In: 139.798 $\pm$ 0.102 χ^2 /NDF:389858.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 168.210 $\pm$ 0.094 χ^2 /NDF: 966315.7/4

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: 0.203+/-0.347 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

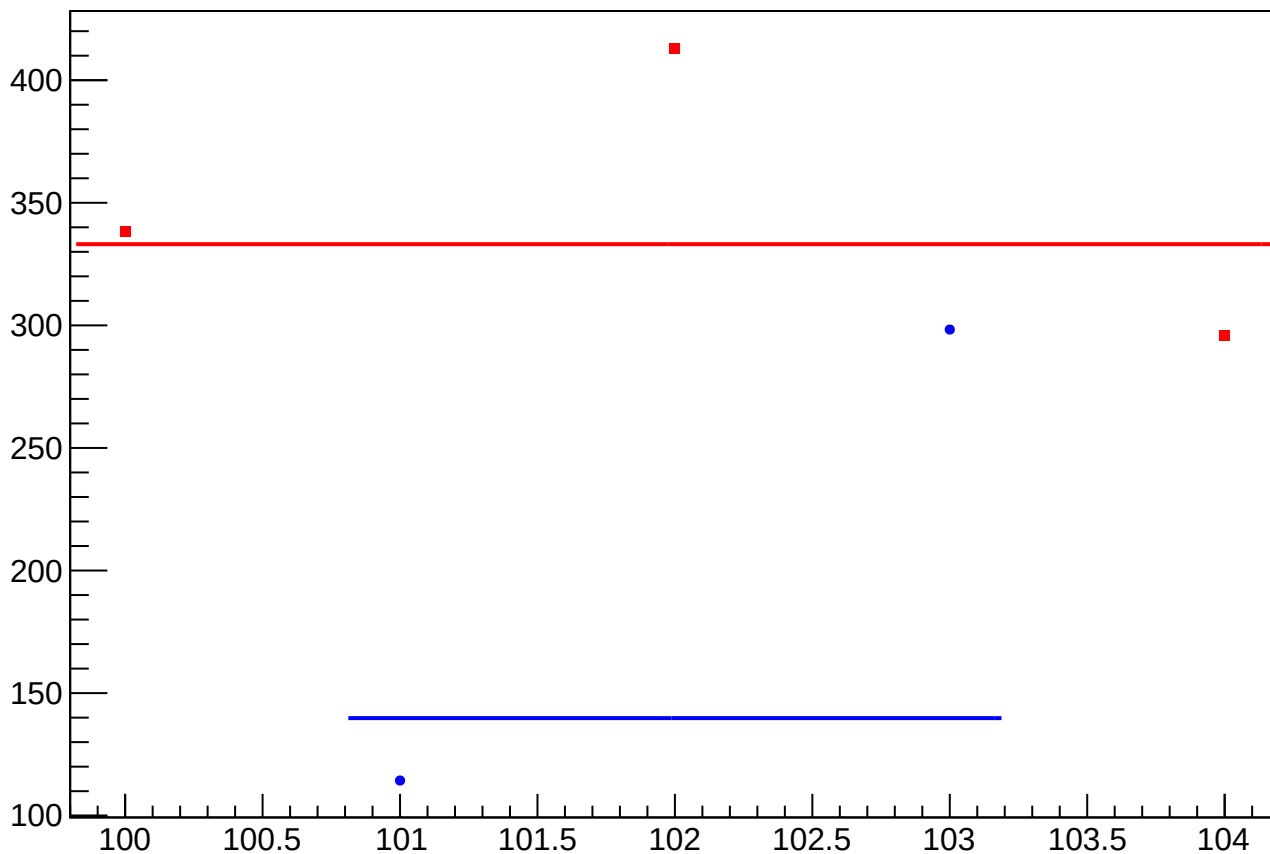
Right: 0.242+/-0.133 χ^2/NDF : 3.0/4

In: 0.249+/-0.144 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.242+/-0.133 χ^2/NDF : 3.0/4

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: 333.122+/-0.245 χ^2/NDF : 45655.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

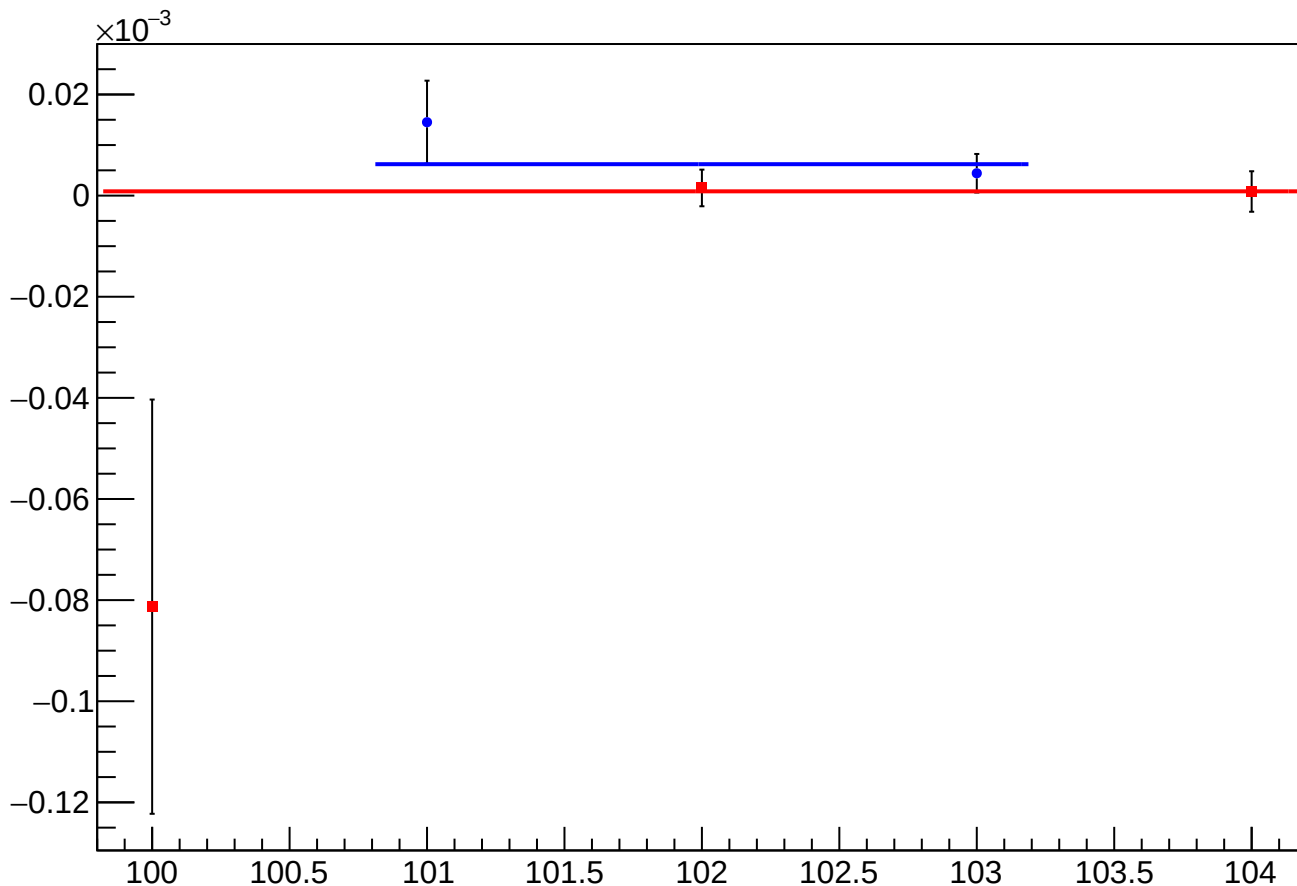
Right: 168.210+/-0.094 χ^2/NDF : 966315.7/4

In: 139.798+/-0.102 χ^2/NDF : 389858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.210+/-0.094 χ^2/NDF : 966315.7/4

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 : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

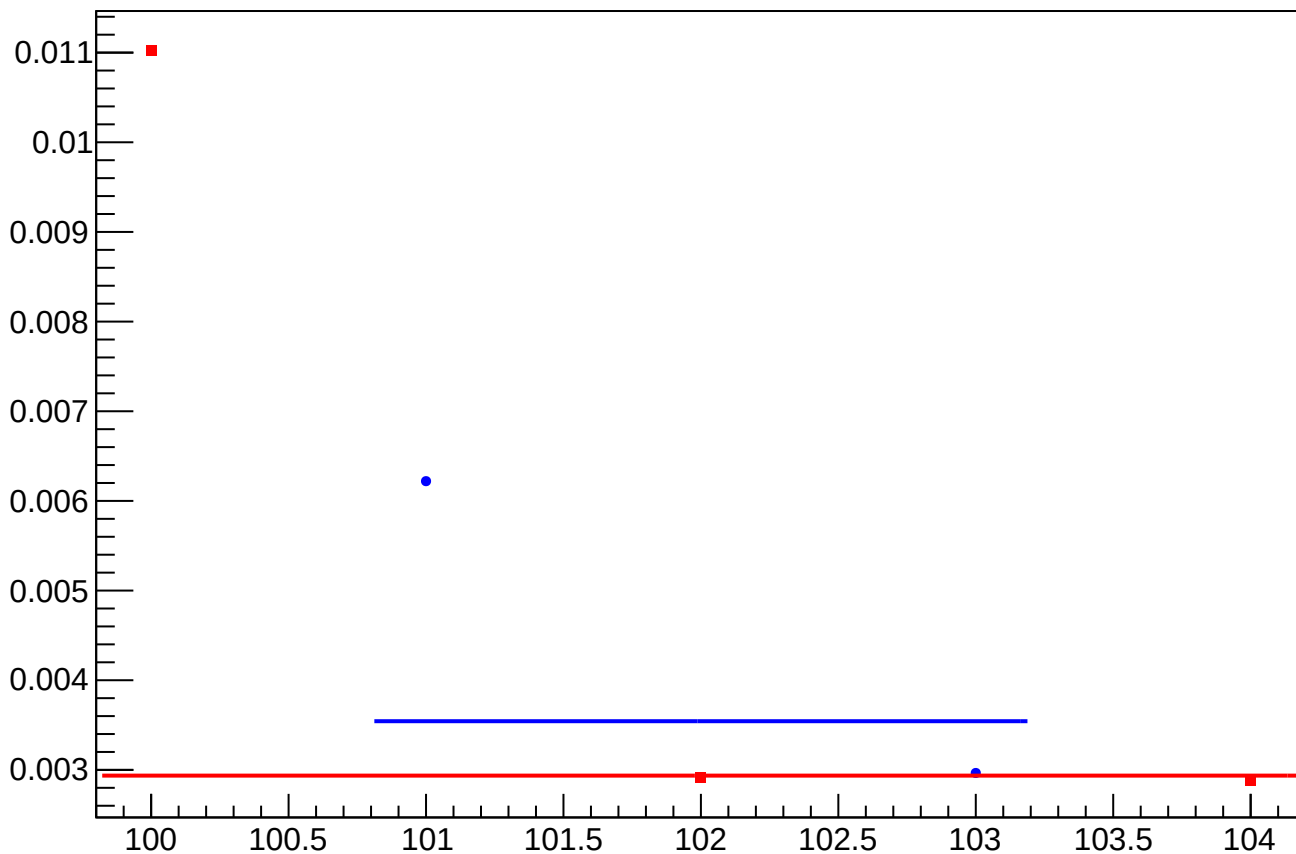
Right: 0.000+/-0.000 χ^2/NDF : 6.8/4

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 : 6.8/4

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 : 78432.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

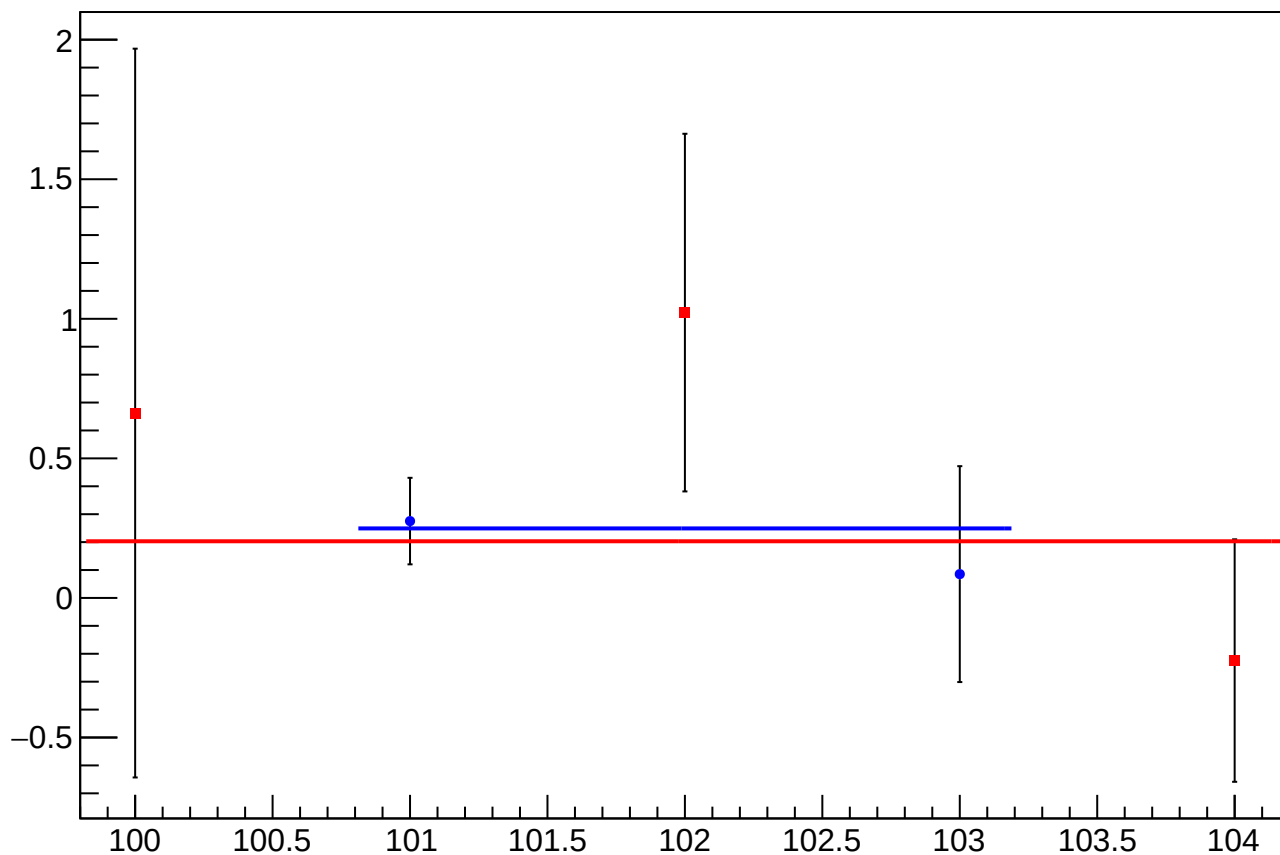
Right: 0.003+/-0.000 χ^2/NDF : 375295.5/4

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 : 375295.5/4

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: 0.203 $\pm$ 0.347 χ^2 /NDF: 2.7/2

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

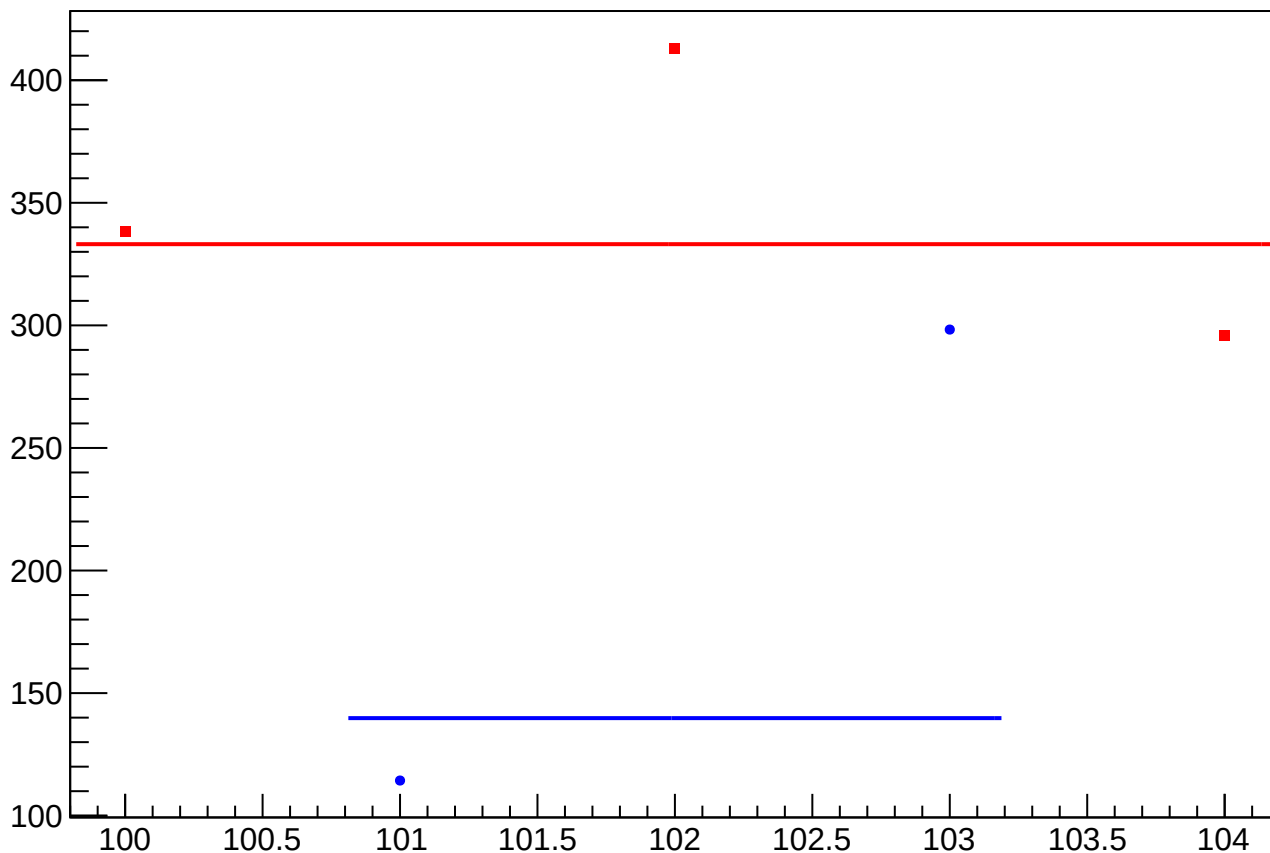
Right: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

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: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

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: 333.124+/-0.245 χ^2/NDF : 45655.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

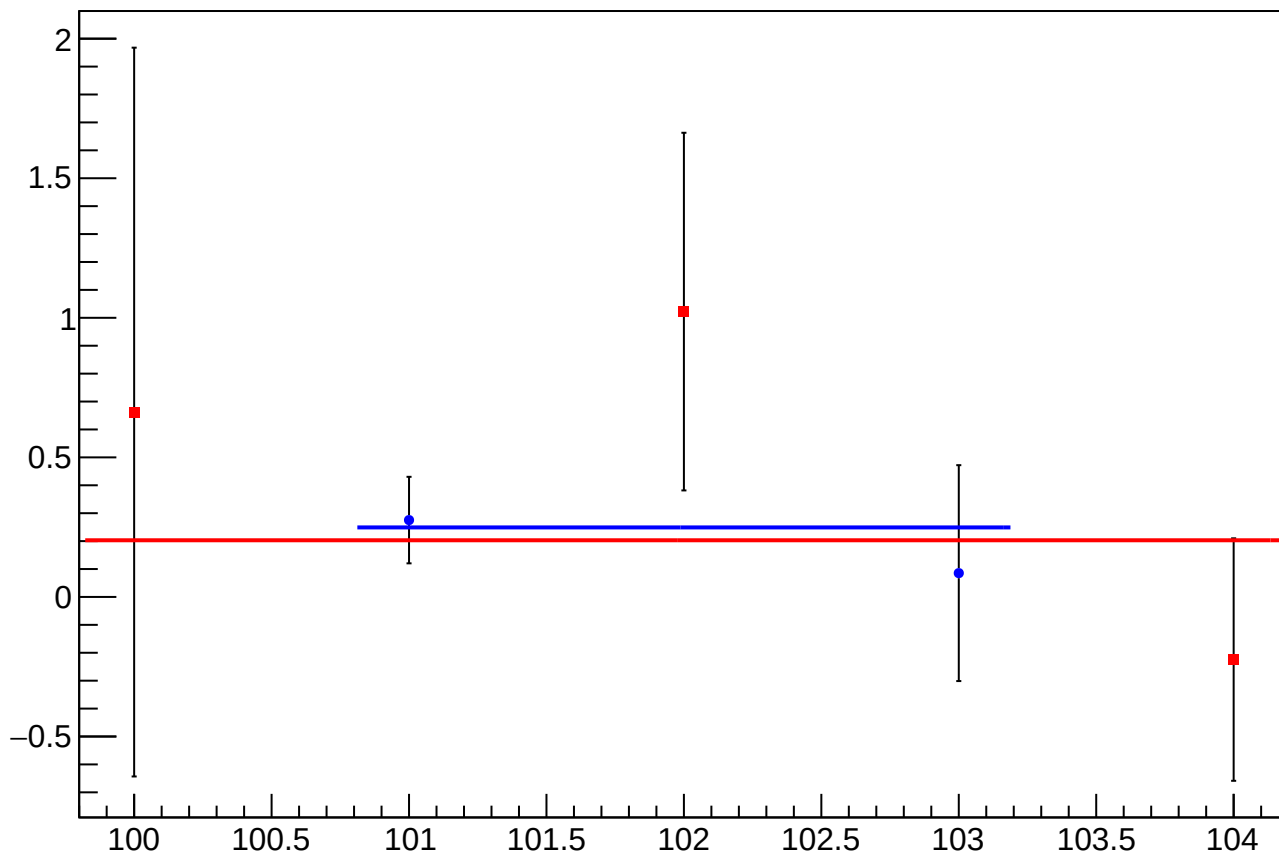
Right: 168.211+/-0.094 χ^2/NDF : 966313.7/4

In: 139.799+/-0.102 χ^2/NDF : 389857.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.211+/-0.094 χ^2/NDF : 966313.7/4

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: 0.203 $\pm$ 0.347 χ^2 /NDF: 2.7/2

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

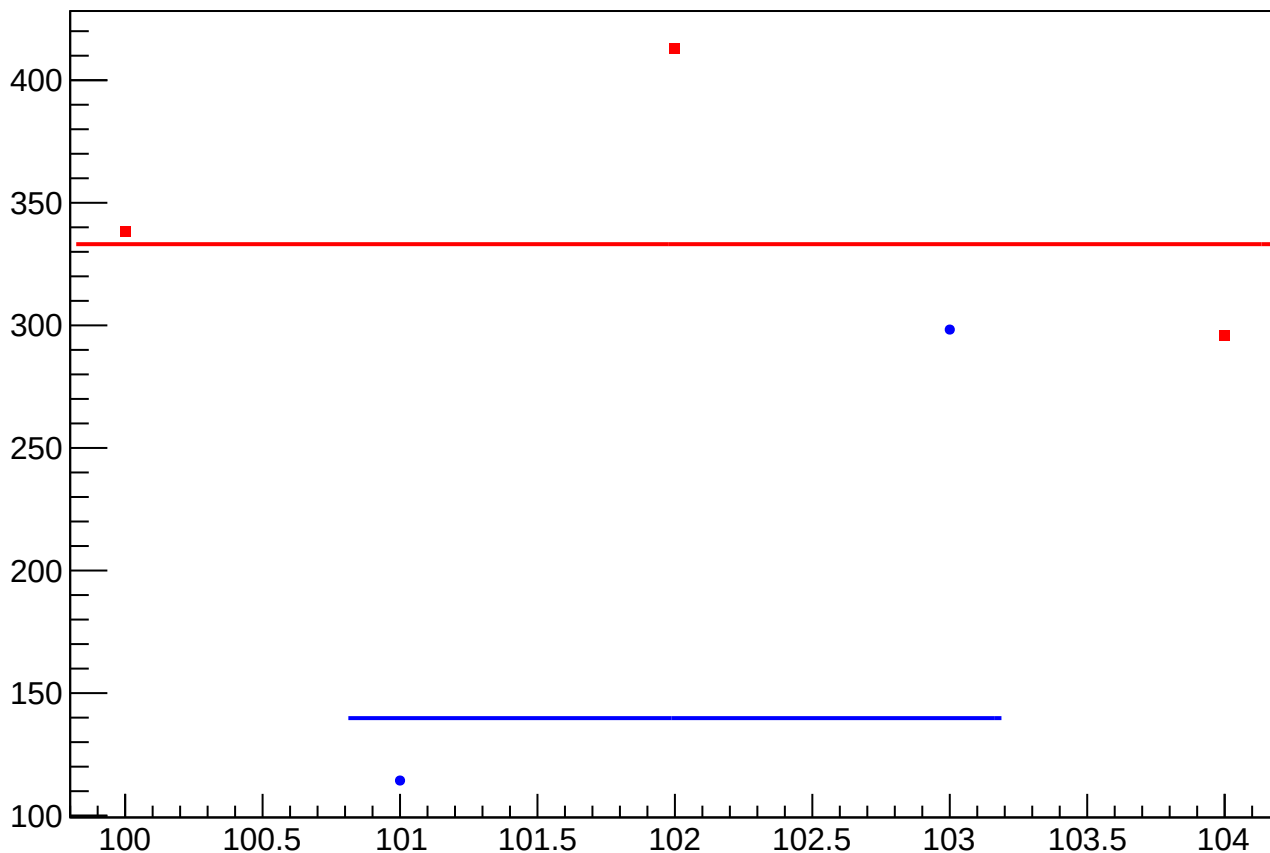
Right: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

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: 0.242 $\pm$ 0.133 χ^2 /NDF: 3.0/4

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: 333.124 $\pm$ 0.245 χ^2 /NDF: 45655.8/2

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

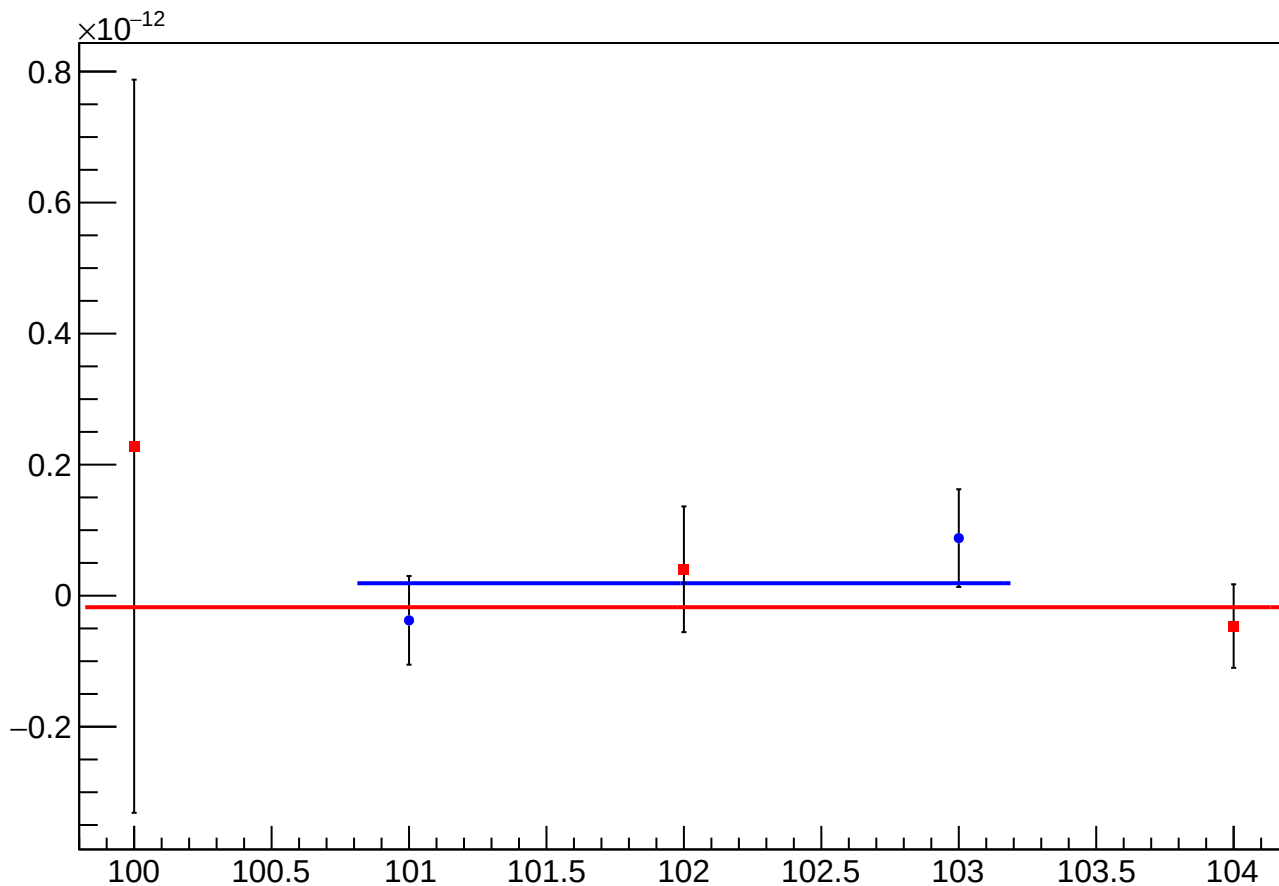
Right: 168.211 $\pm$ 0.094 χ^2 /NDF: 966313.7/4

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: 168.211 $\pm$ 0.094 χ^2 /NDF: 966313.7/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

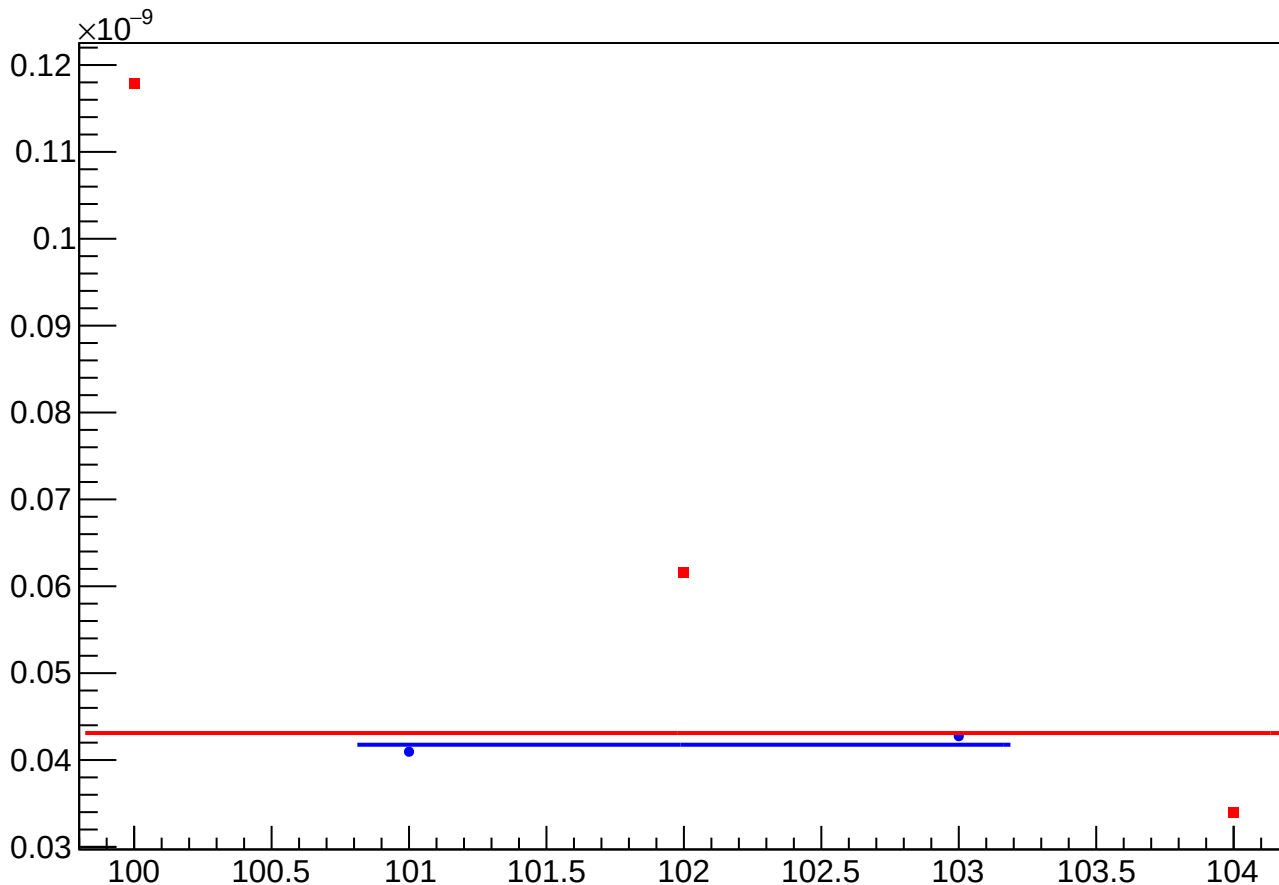
Right: 0.000+/-0.000 χ^2/NDF : 2.6/4

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 : 2.6/4

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 : 151075.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

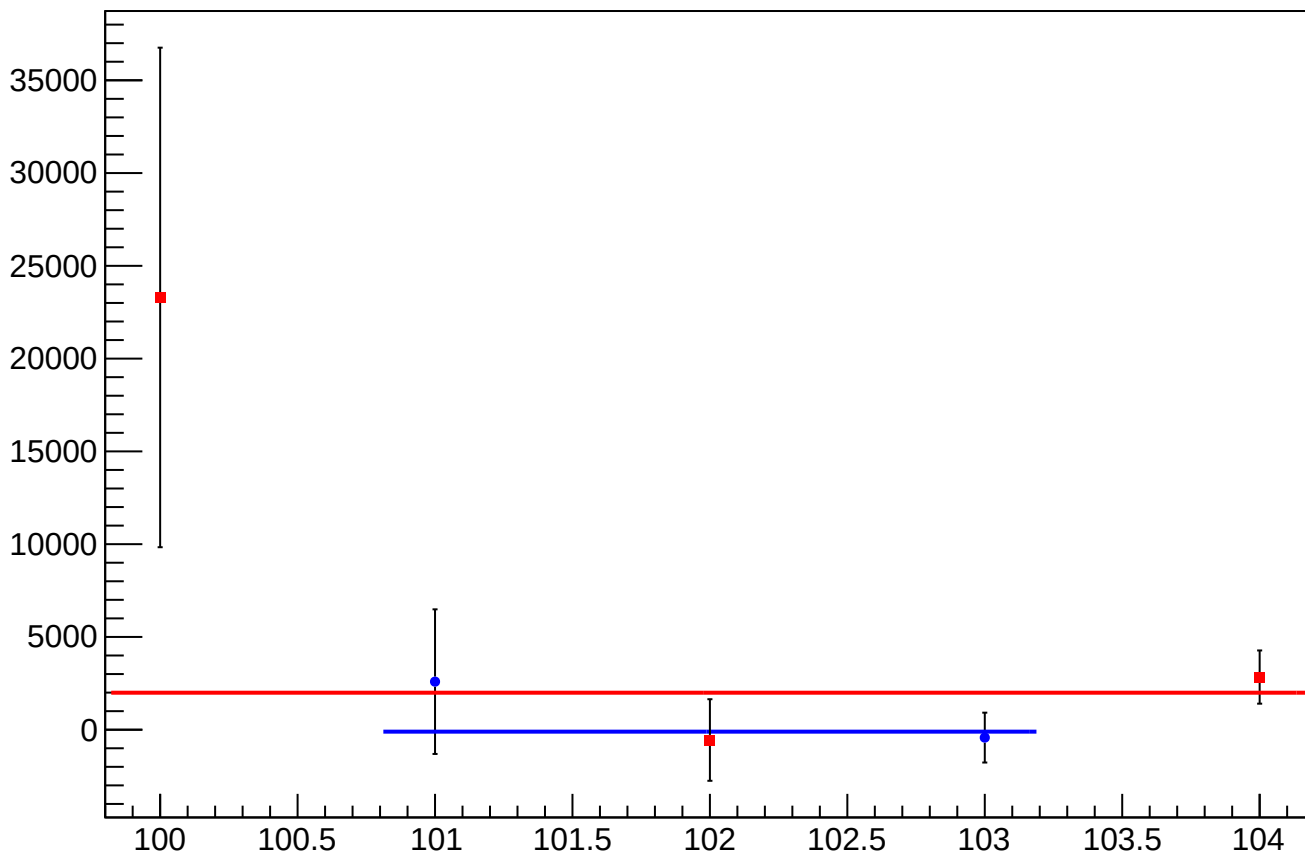
Right: 0.000+/-0.000 χ^2/NDF : 152389.3/4

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 : 152389.3/4

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: 1994.786+/-1196.313 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

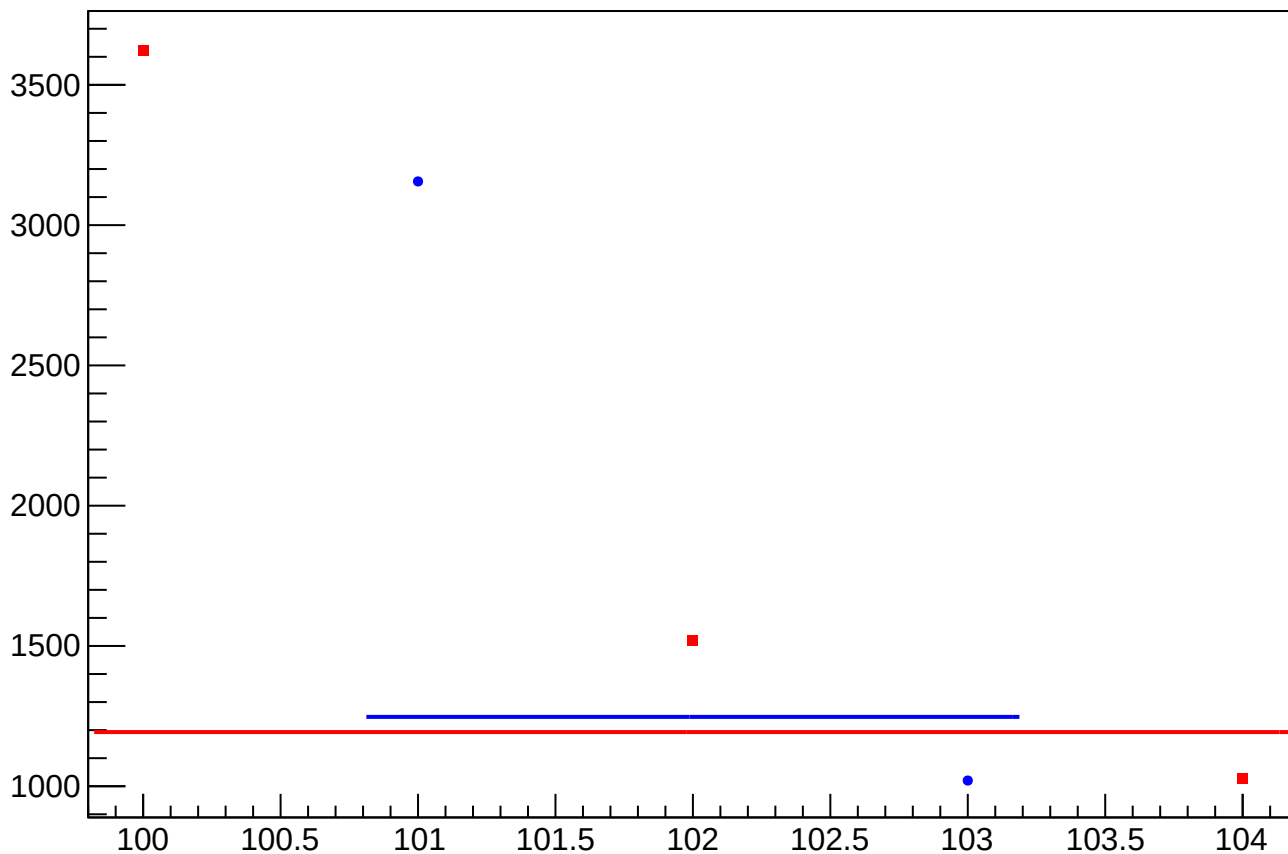
Right: 1008.103+/-870.866 χ^2/NDF : 6.2/4

In: -104.200+/-1270.185 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.103+/-870.866 χ^2/NDF : 6.2/4

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: 1193.084+/-0.846 χ^2/NDF : 136138.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

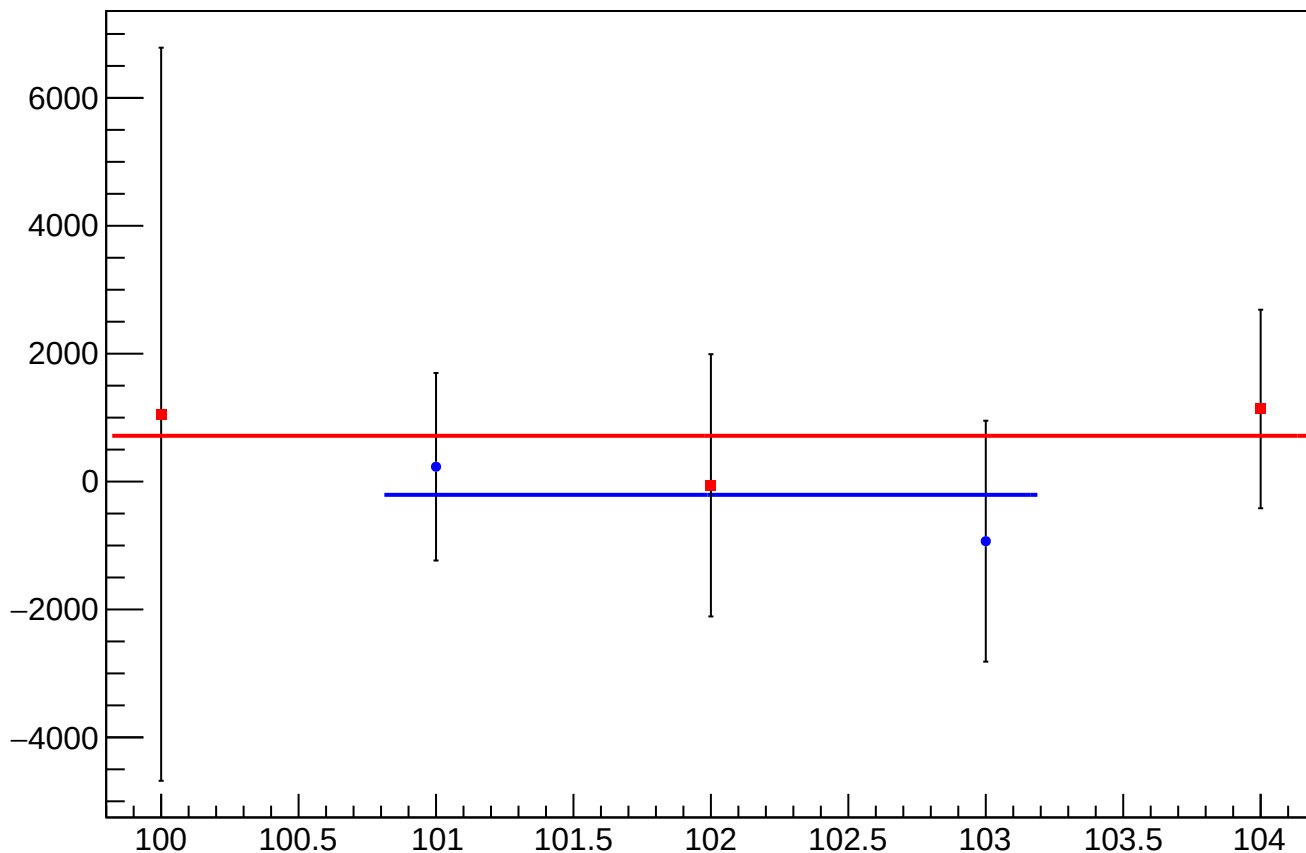
Right: 1218.521+/-0.616 χ^2/NDF : 674818.6/4

In: 1247.195+/-0.898 χ^2/NDF : 536756.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.521+/-0.616 χ^2/NDF : 674818.6/4

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: 715.878+/-1209.920 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

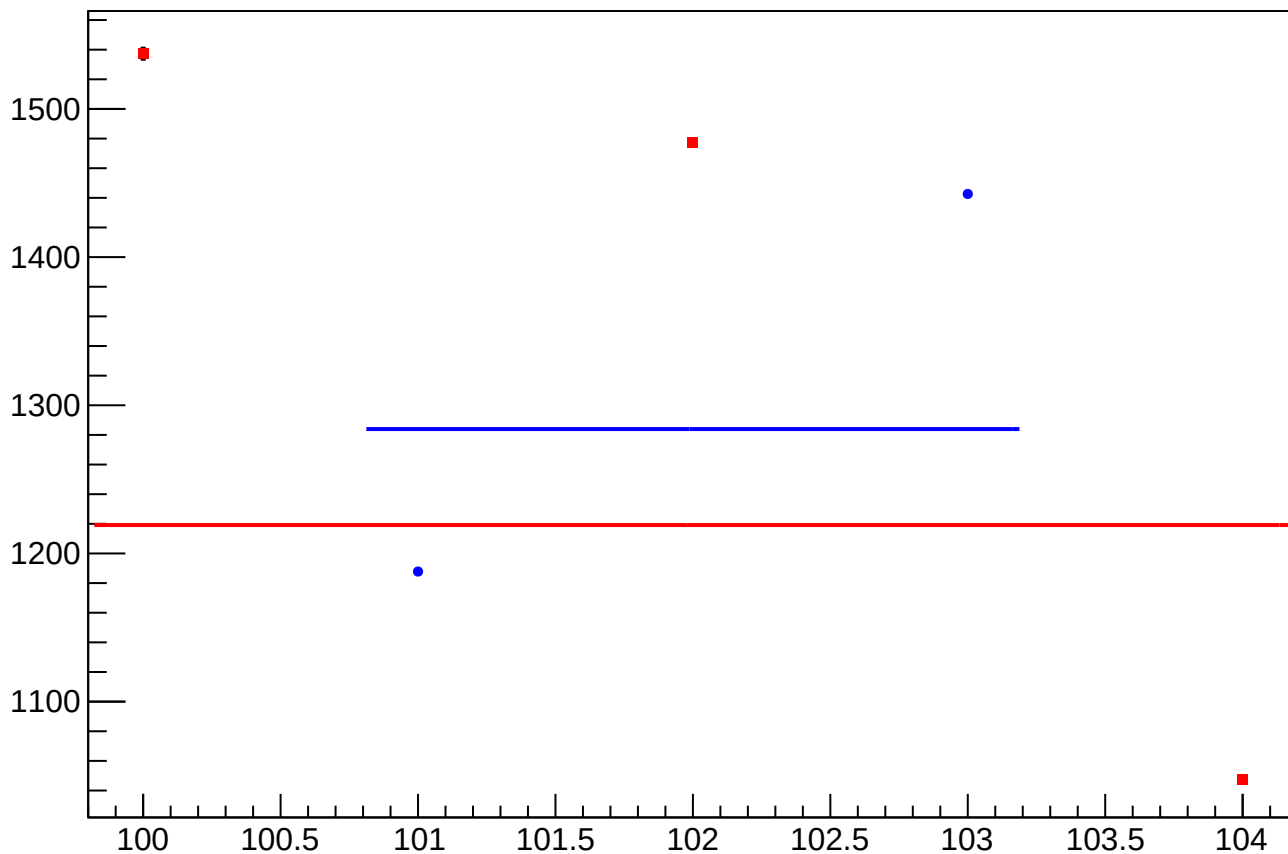
Right: 233.681+/-836.305 χ^2/NDF : 0.8/4

In: -207.459+/-1157.265 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.681+/-836.305 χ^2/NDF : 0.8/4

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: 1219.169+/-0.856 χ^2/NDF : 62348.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

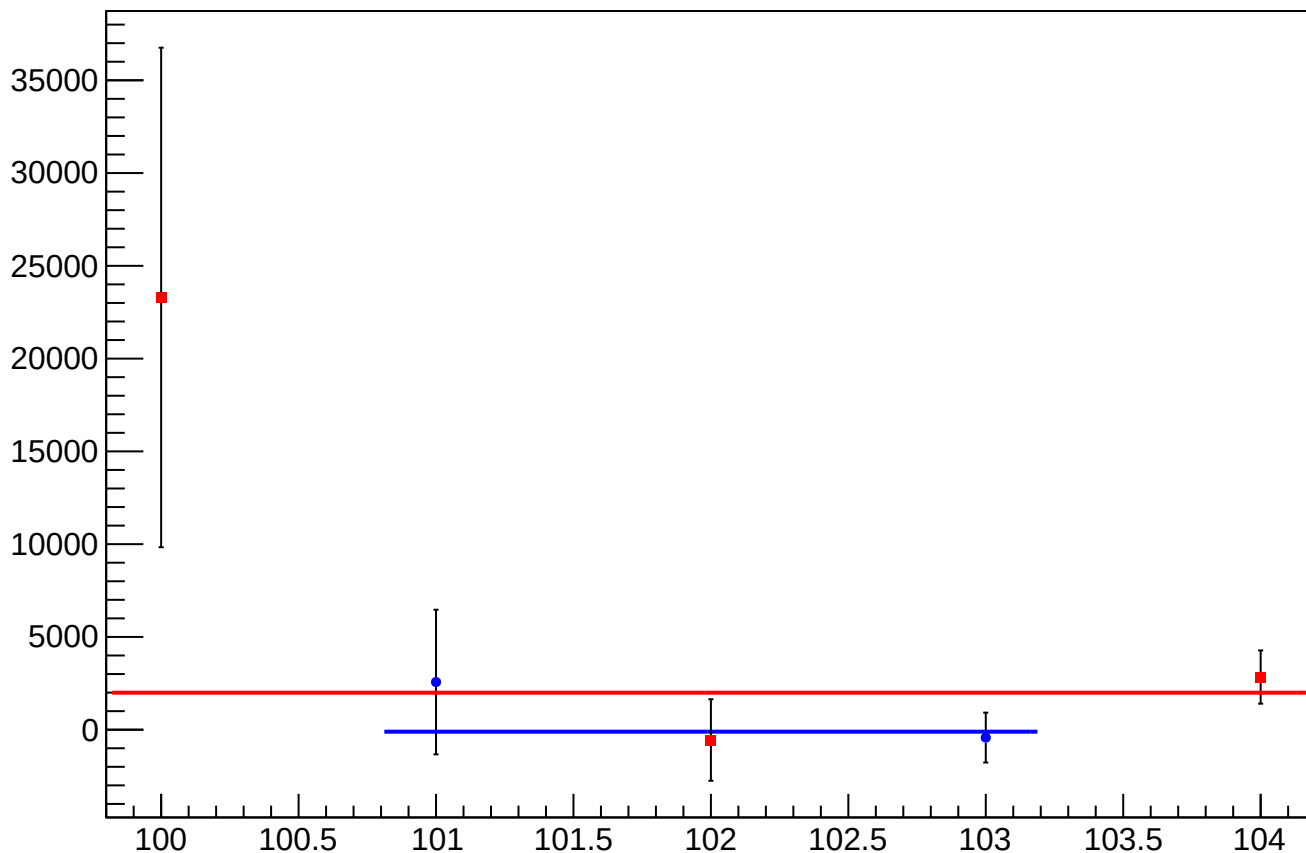
Right: 1253.003+/-0.591 χ^2/NDF : 88128.3/4

In: 1283.957+/-0.818 χ^2/NDF : 22785.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1253.003+/-0.591 χ^2/NDF : 88128.3/4

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: 1994.787+/-1196.313 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

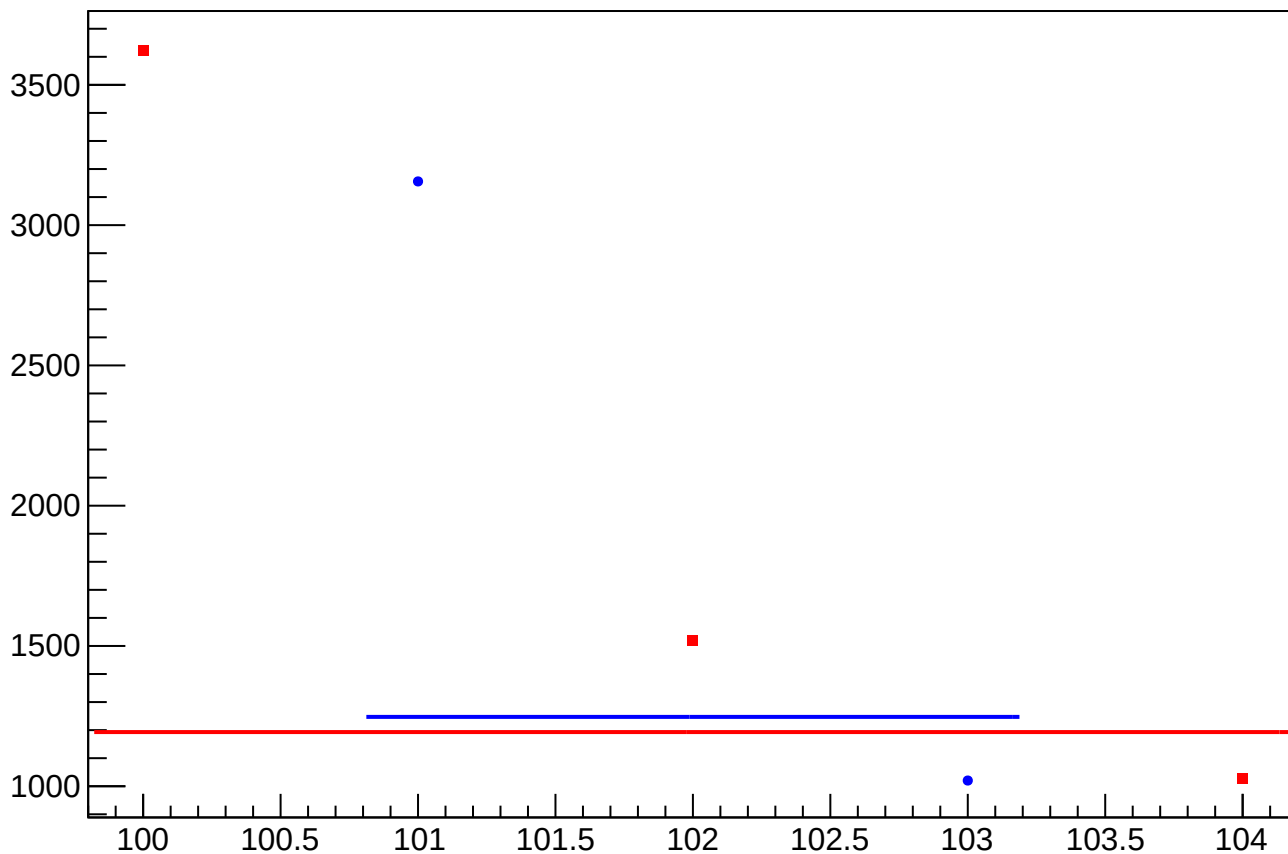
Right: 1007.001+/-870.867 χ^2/NDF : 6.2/4

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.001+/-870.867 χ^2/NDF : 6.2/4

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: 1193.083+/-0.846 χ^2/NDF : 136137.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

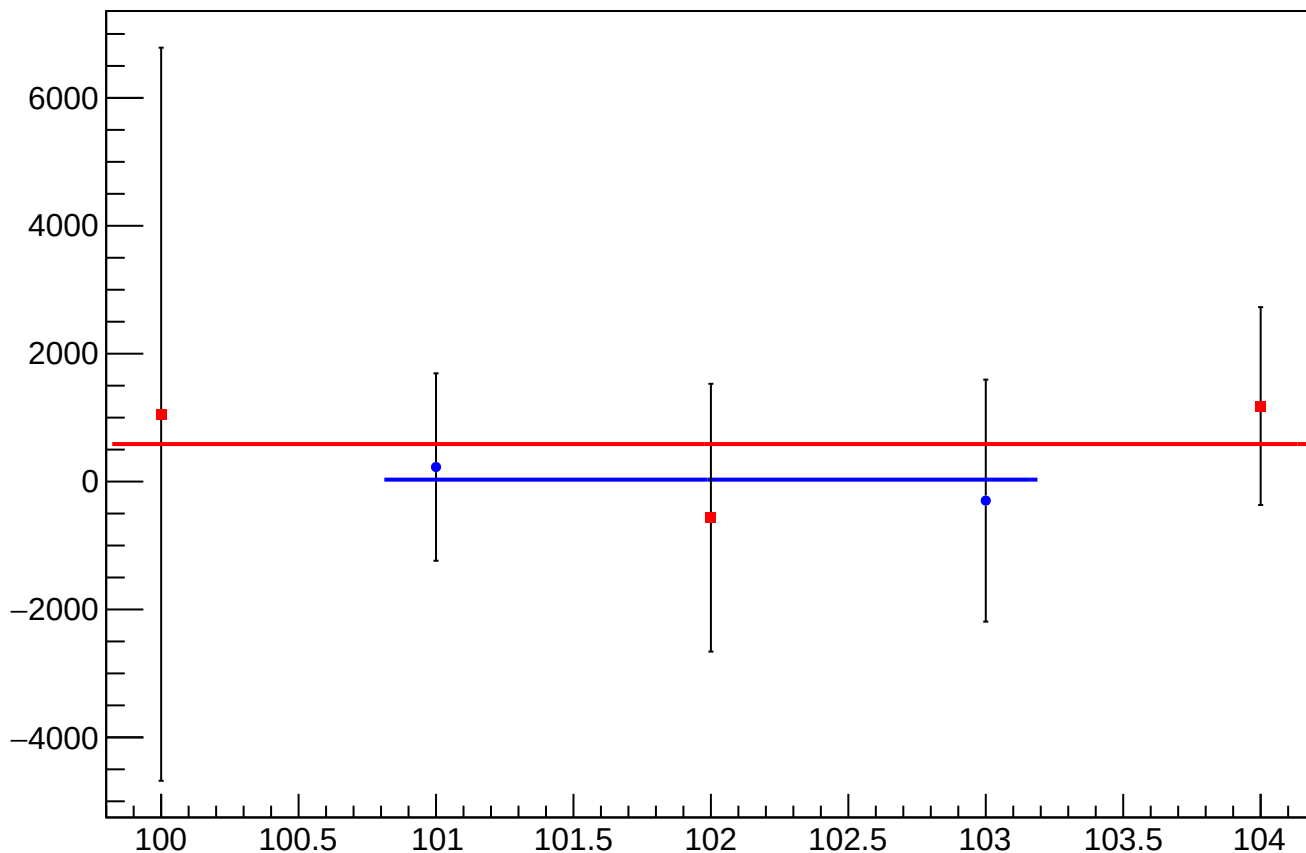
Right: 1218.519+/-0.616 χ^2/NDF : 674819.1/4

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.519+/-0.616 χ^2/NDF : 674819.1/4

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: 586.668+/-1215.986 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

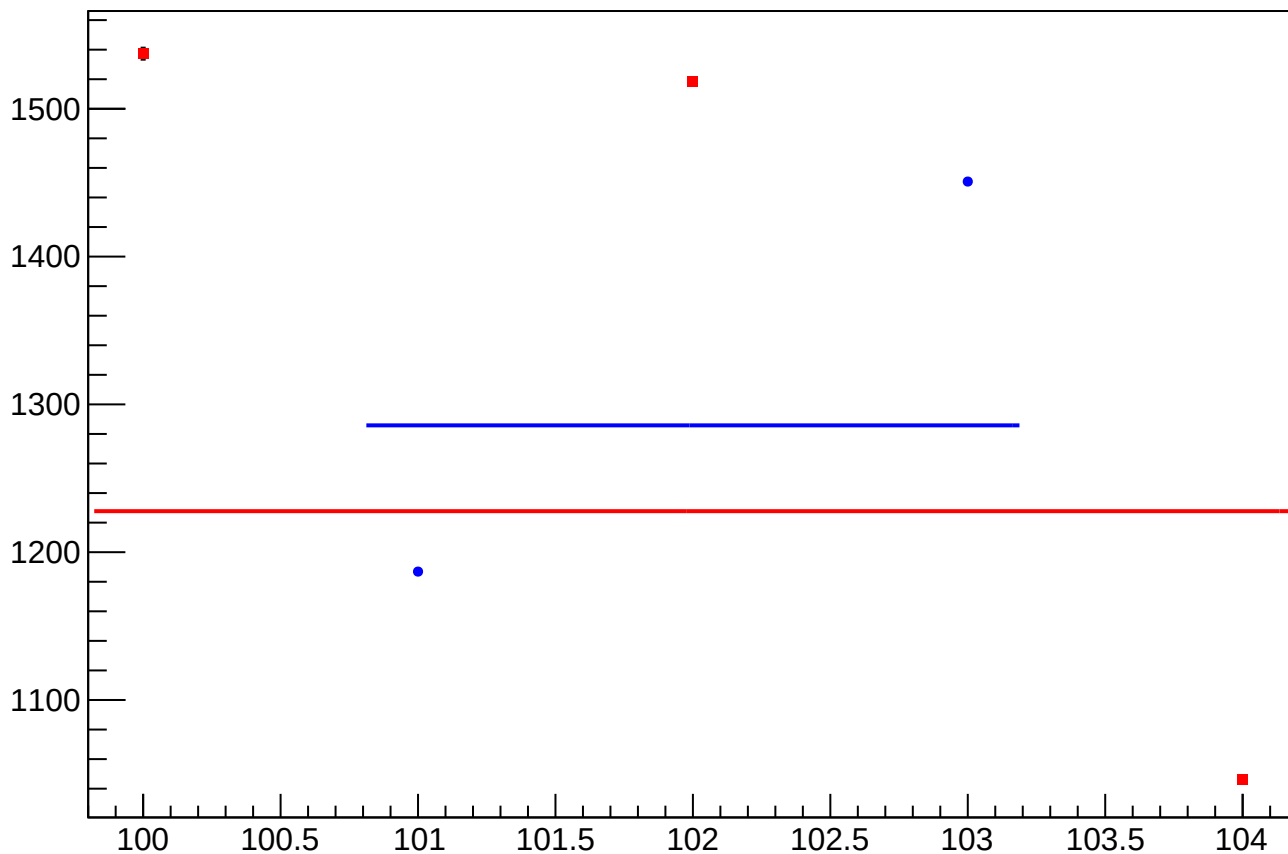
Right: 295.083+/-838.825 χ^2/NDF : 0.6/4

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.083+/-838.825 χ^2/NDF : 0.6/4

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: 1227.759+/-0.860 χ^2/NDF : 71928.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

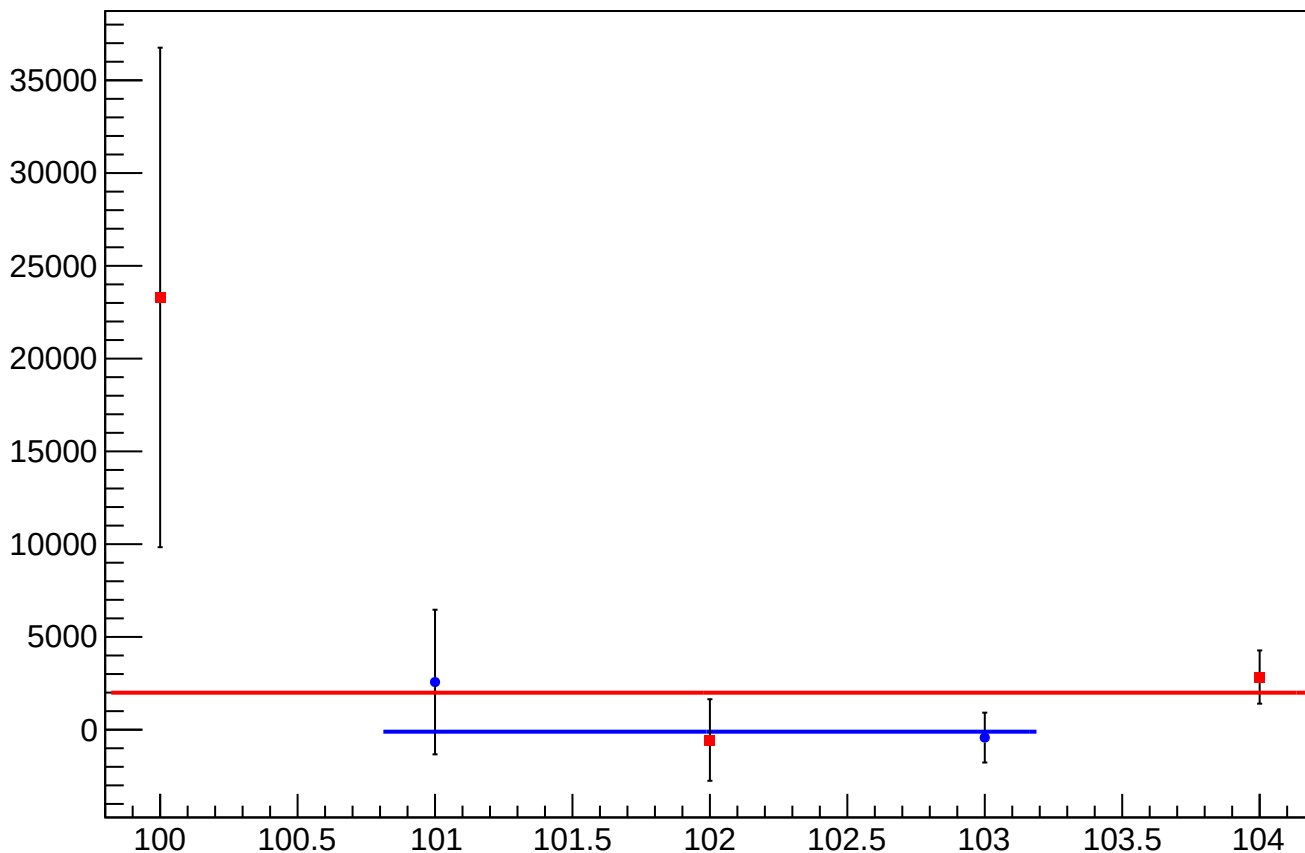
Right: 1258.187+/-0.593 χ^2/NDF : 98632.7/4

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.187+/-0.593 χ^2/NDF : 98632.7/4

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: 1994.787+/-1196.313 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

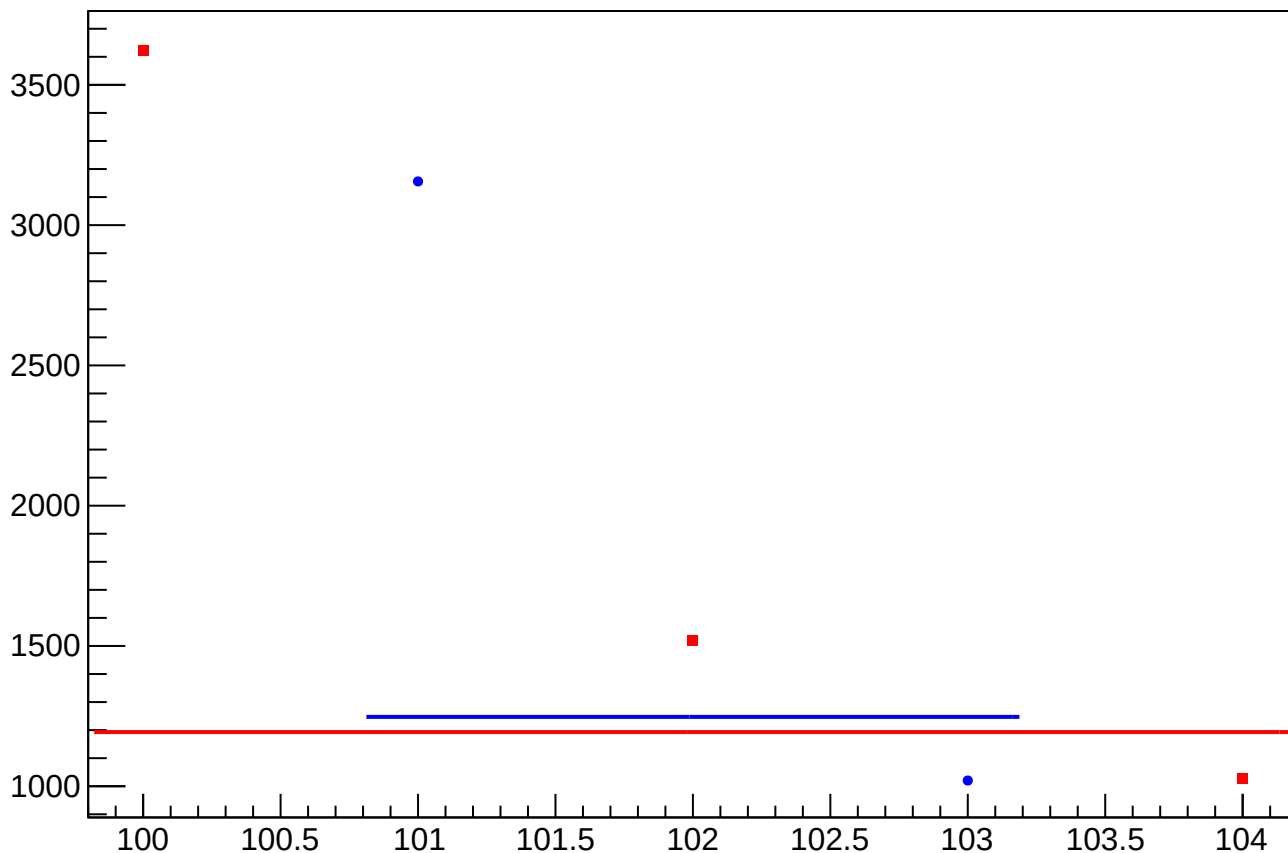
Right: 1007.001+/-870.867 χ^2/NDF : 6.2/4

In: -106.544+/-1270.187 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.001+/-870.867 χ^2/NDF : 6.2/4

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: 1193.083+/-0.846 χ^2/NDF : 136137.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

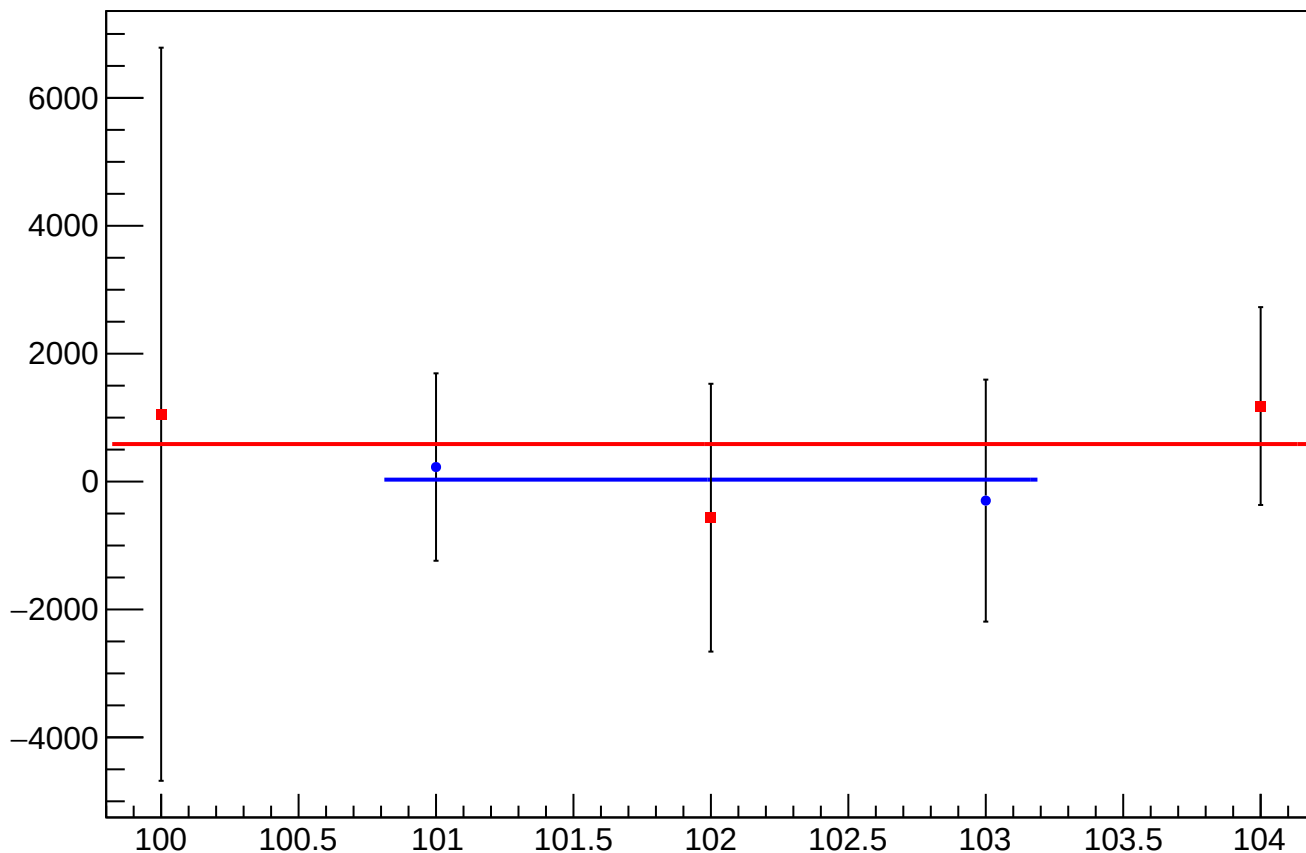
Right: 1218.519+/-0.616 χ^2/NDF : 674819.1/4

In: 1247.194+/-0.898 χ^2/NDF : 536758.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1218.519+/-0.616 χ^2/NDF : 674819.1/4

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: 586.668+/-1215.986 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

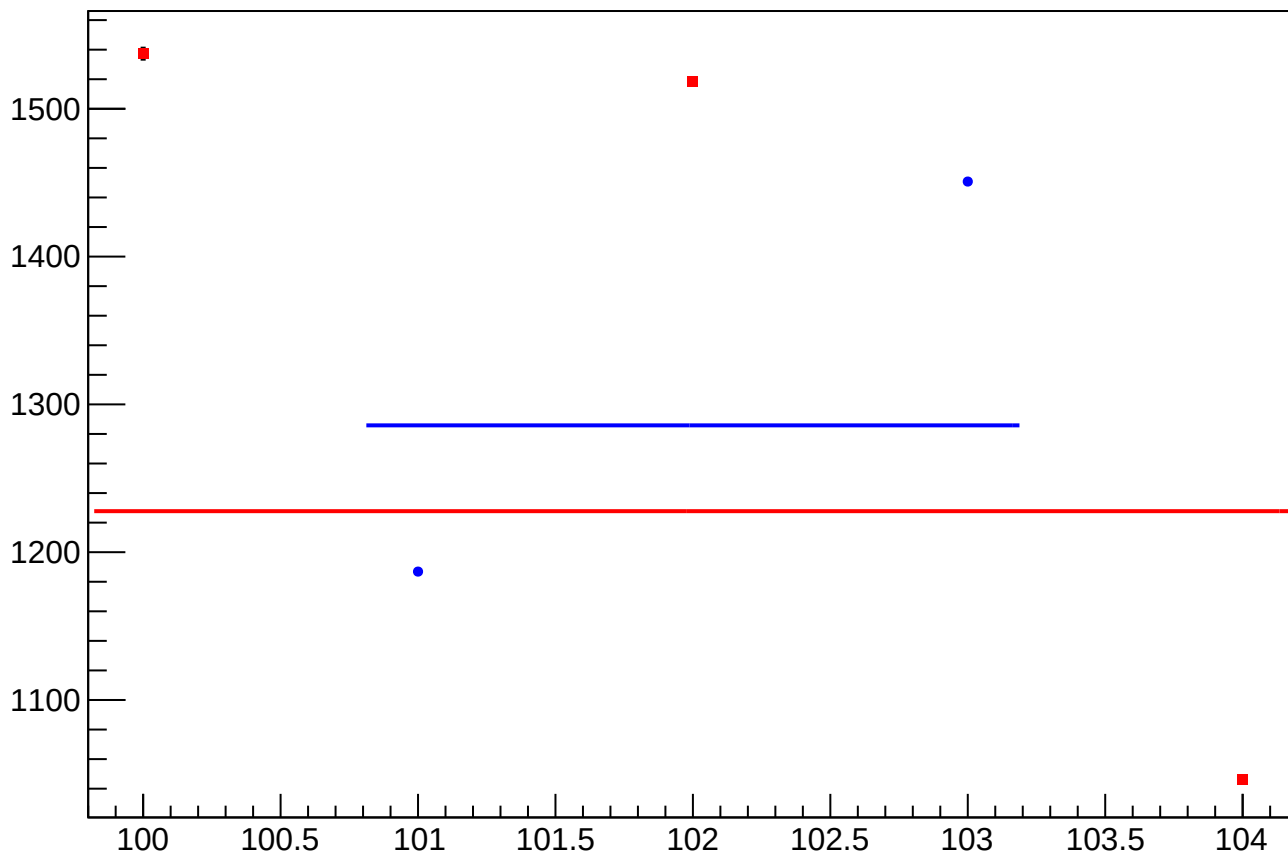
Right: 295.083+/-838.825 χ^2/NDF : 0.6/4

In: 30.349+/-1158.646 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.083+/-838.825 χ^2/NDF : 0.6/4

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: 1227.759+/-0.860 χ^2/NDF : 71928.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

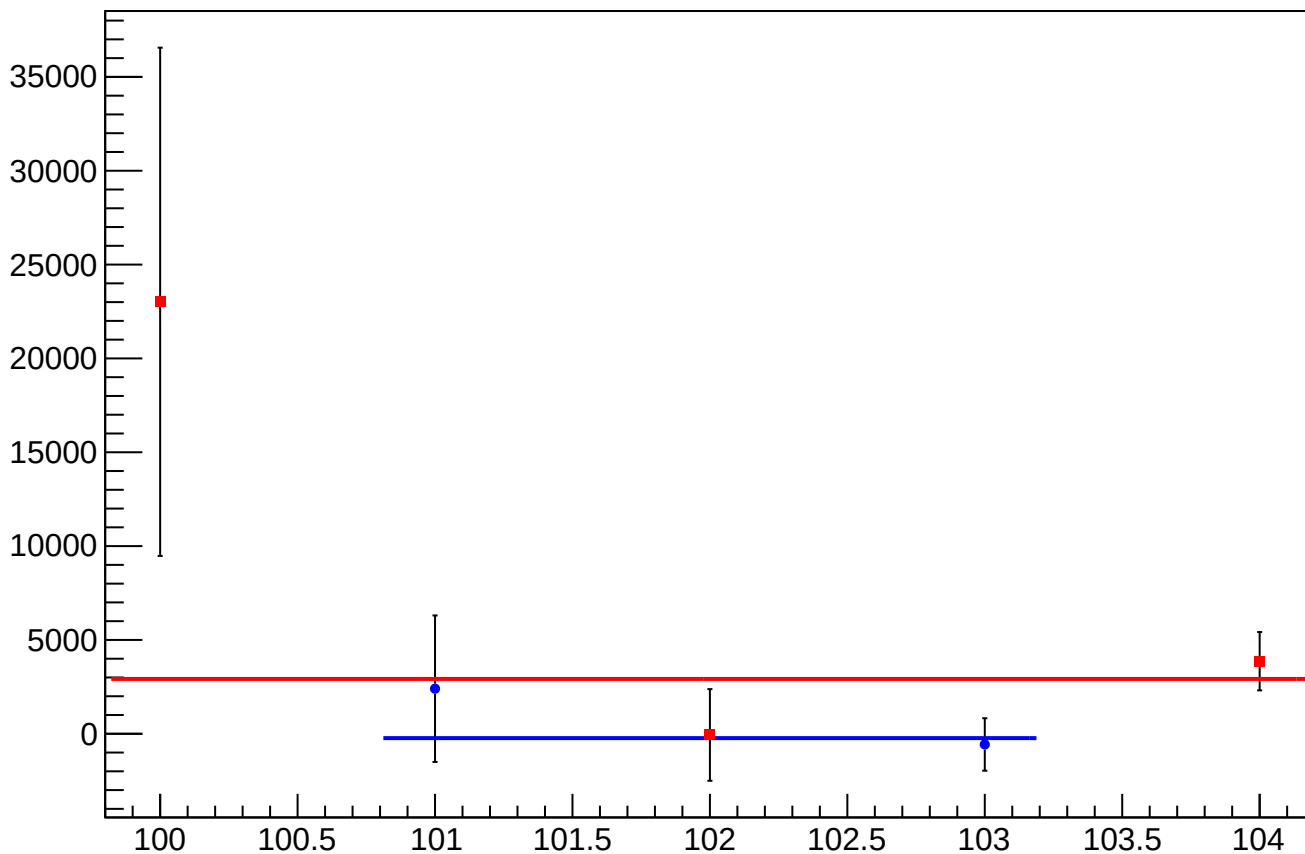
Right: 1258.187+/-0.593 χ^2/NDF : 98632.7/4

In: 1285.813+/-0.819 χ^2/NDF : 24314.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.187+/-0.593 χ^2/NDF : 98632.7/4

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: 2923.062+/-1305.064 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

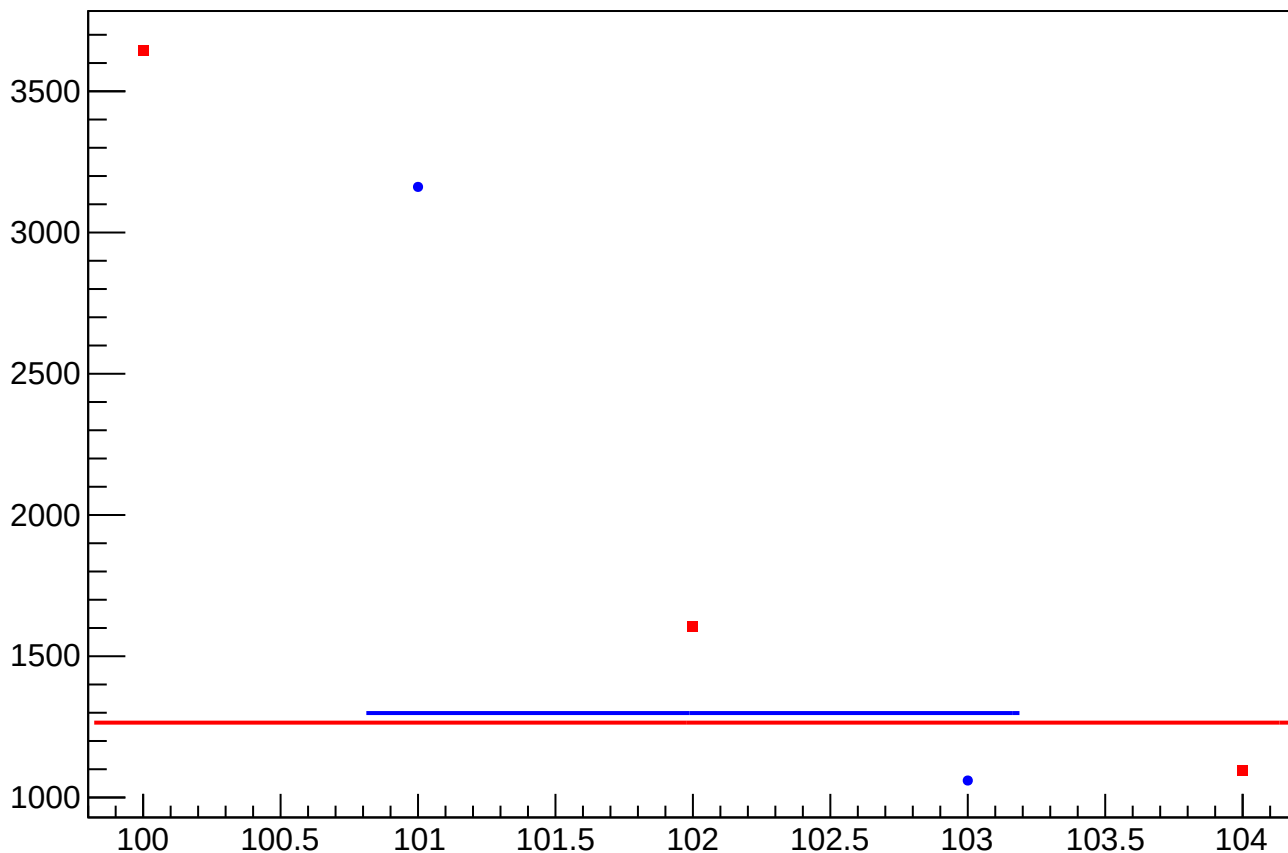
Right: 1359.207+/-926.708 χ^2/NDF : 7.5/4

In: -231.286+/-1316.131 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.207+/-926.708 χ^2/NDF : 7.5/4

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1298.882+/-0.931 χ^2/NDF : 513611.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1264.974+/-0.923 χ^2/NDF : 124673.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

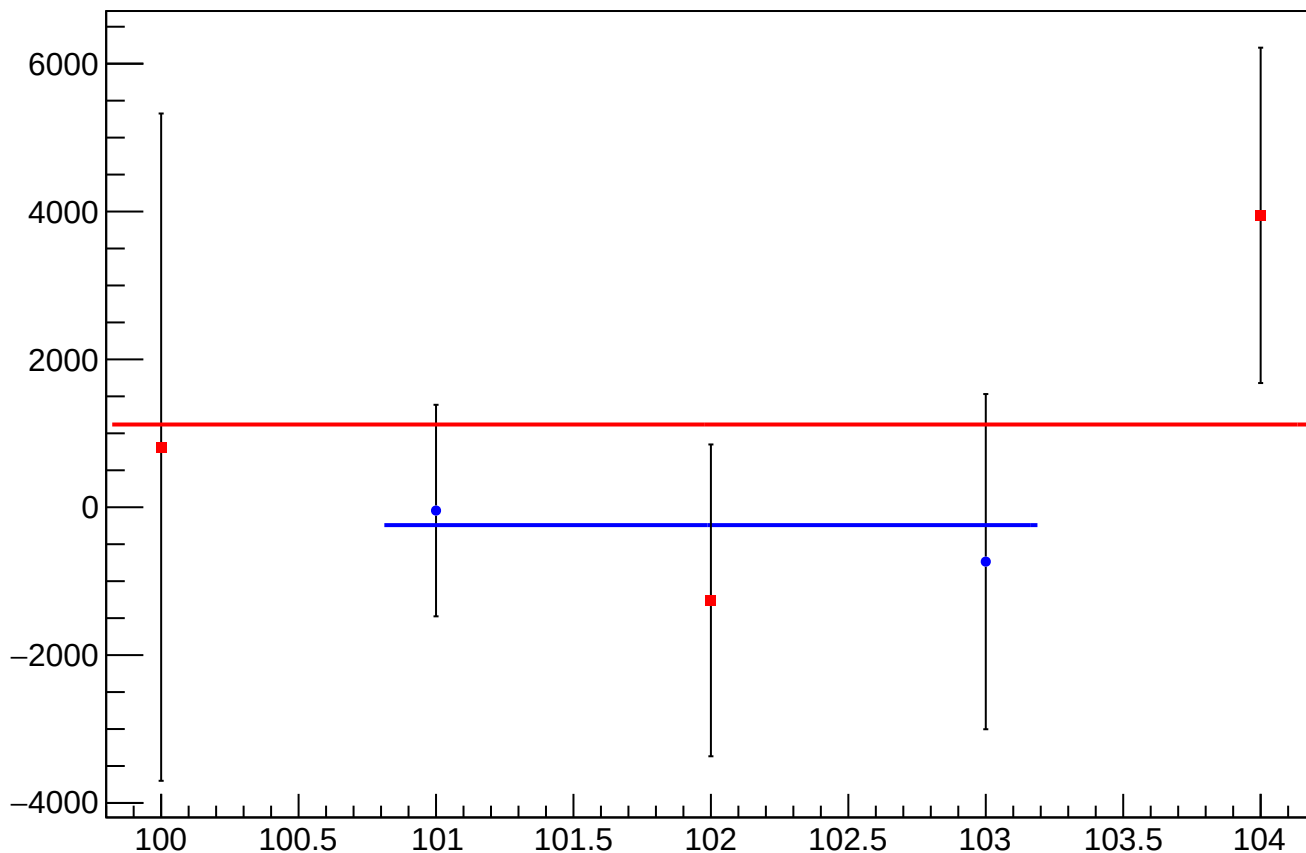
Right: 1281.785+/-0.655 χ^2/NDF : 638954.4/4

In: 1298.882+/-0.931 χ^2/NDF : 513611.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.785+/-0.655 χ^2/NDF : 638954.4/4

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: 1119.278+/-1461.321 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

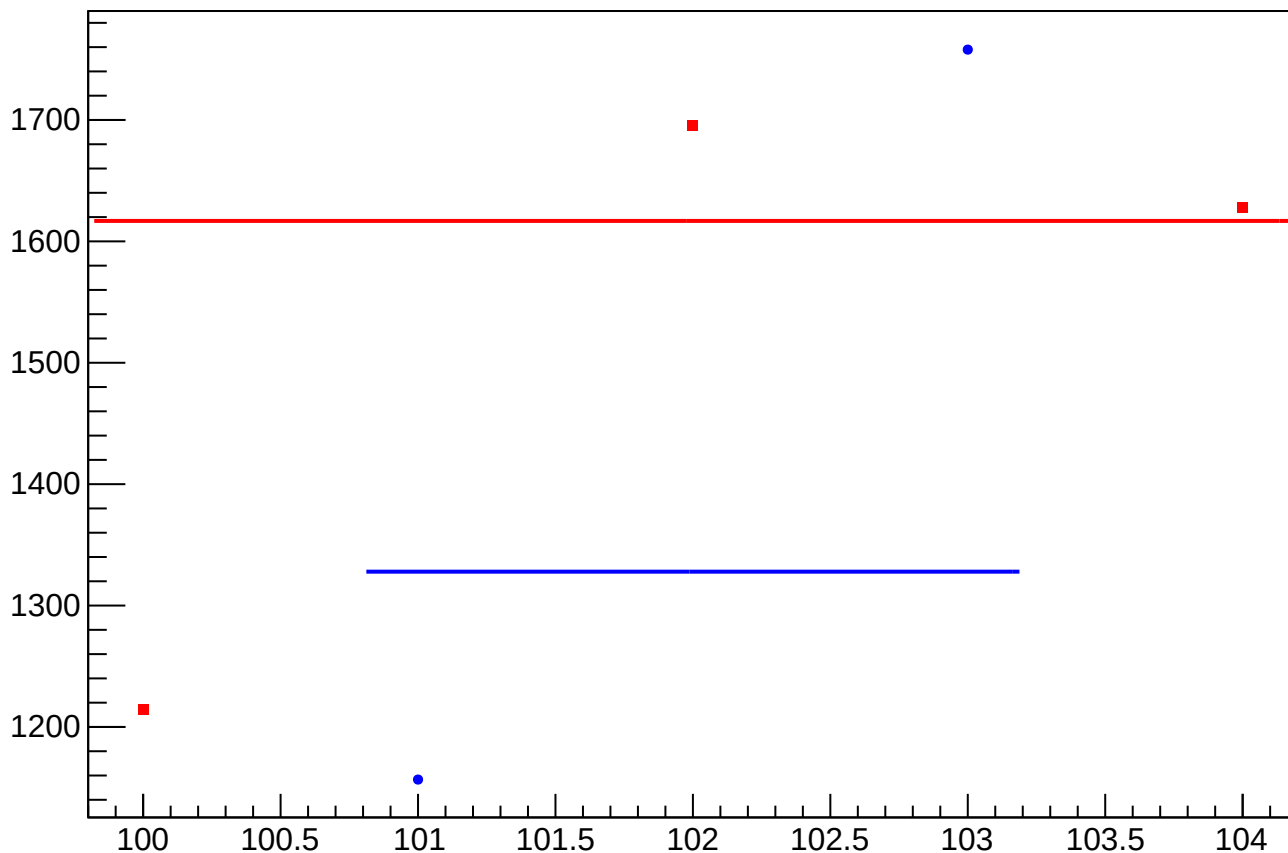
Right: 311.834+/-931.936 χ^2/NDF : 3.4/4

In: -241.673+/-1209.904 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.834+/-931.936 χ^2/NDF : 3.4/4

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: 1616.840+/-1.033 χ^2/NDF : 18673.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

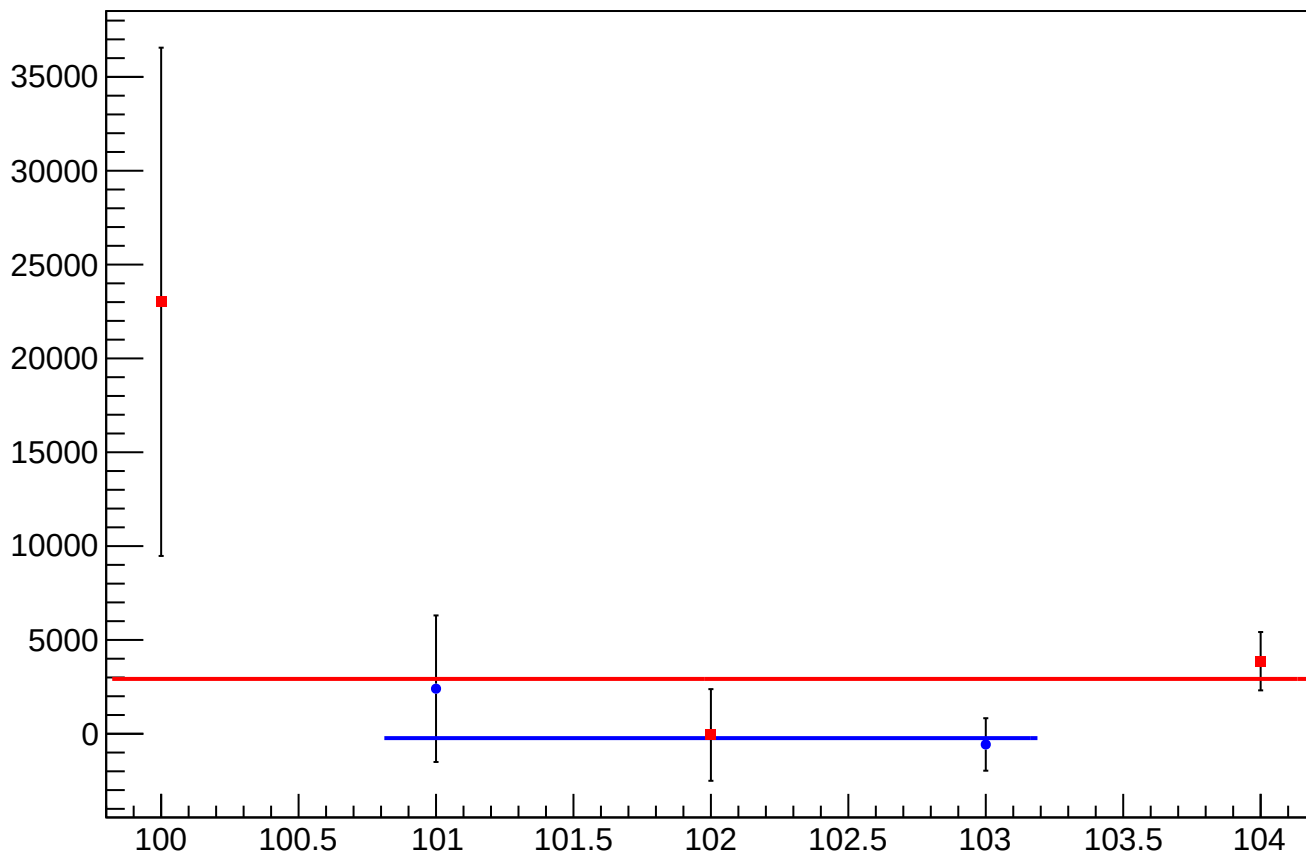
Right: 1445.428+/-0.659 χ^2/NDF : 165676.0/4

In: 1327.924+/-0.856 χ^2/NDF : 100620.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1445.428+/-0.659 χ^2/NDF : 165676.0/4

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: 2923.071+/-1305.064 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

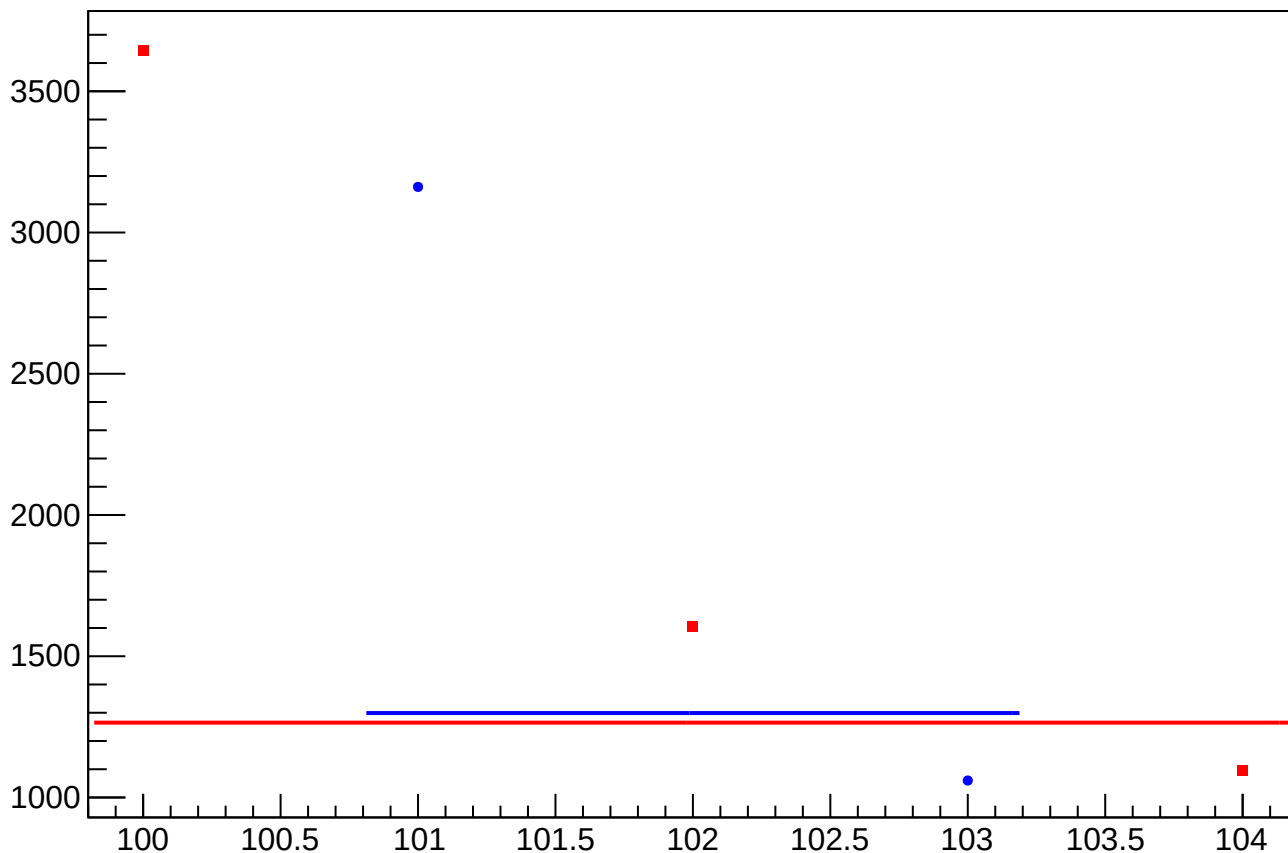
Right: 1359.213+/-926.708 χ^2/NDF : 7.5/4

In: -231.282+/-1316.132 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.213+/-926.708 χ^2/NDF : 7.5/4

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1281.785+/-0.655 χ^2/NDF : 638954.3/4

In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1281.785+/-0.655 χ^2/NDF : 638954.3/4

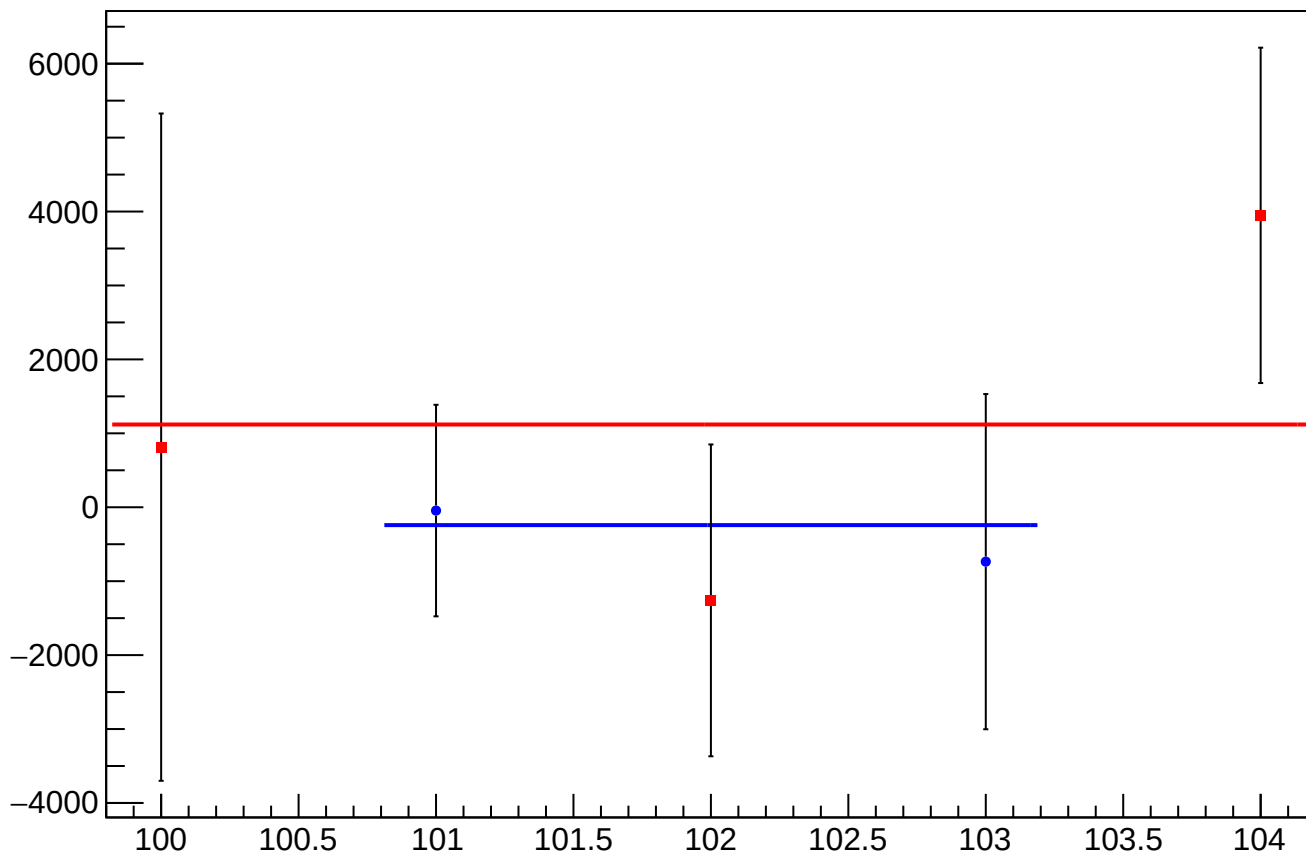
Right In: 1298.883+/-0.931 χ^2/NDF : 513611.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1264.974+/-0.923 χ^2/NDF : 124673.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: 1119.286+/-1461.322 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

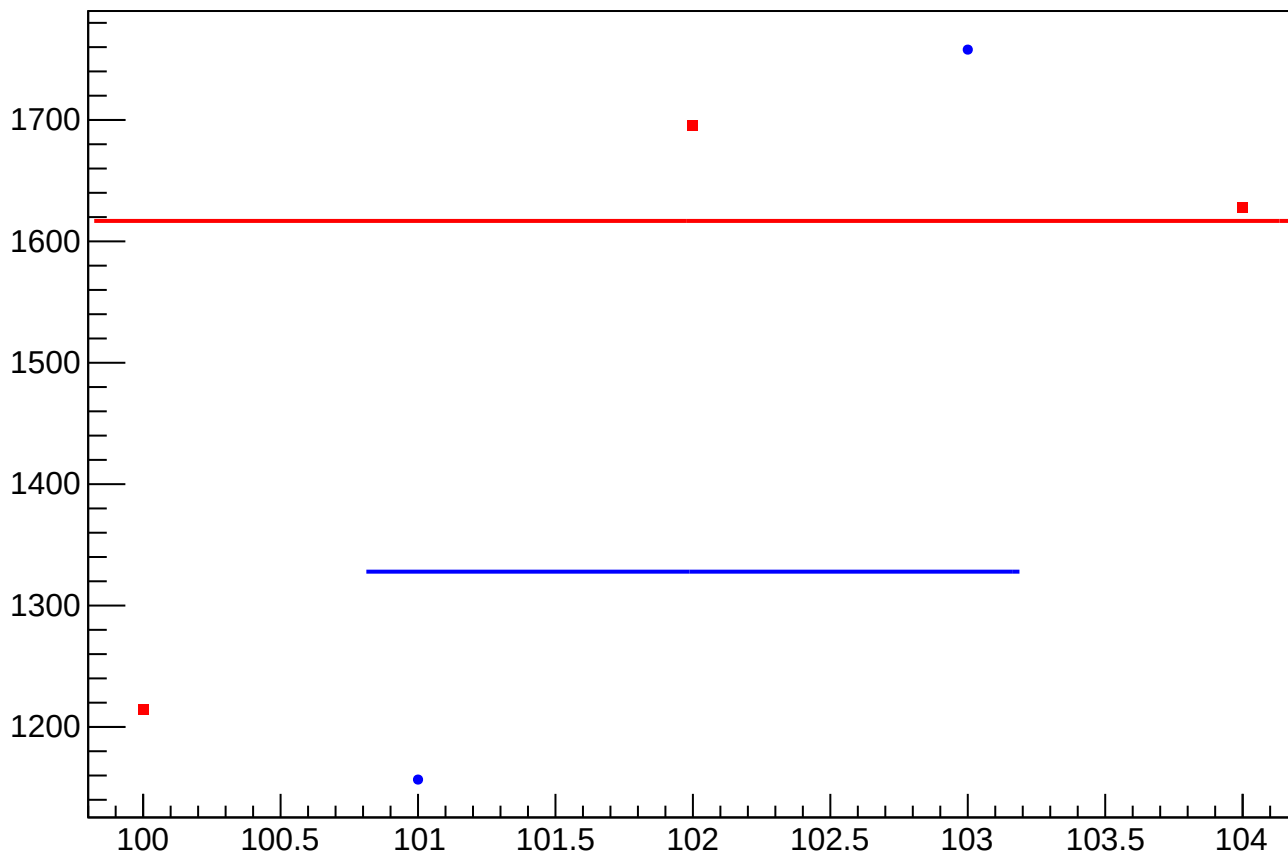
Right: 311.831+/-931.936 χ^2/NDF : 3.4/4

In: -241.682+/-1209.905 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.831+/-931.936 χ^2/NDF : 3.4/4

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: 1616.841+/-1.033 χ^2/NDF : 18673.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

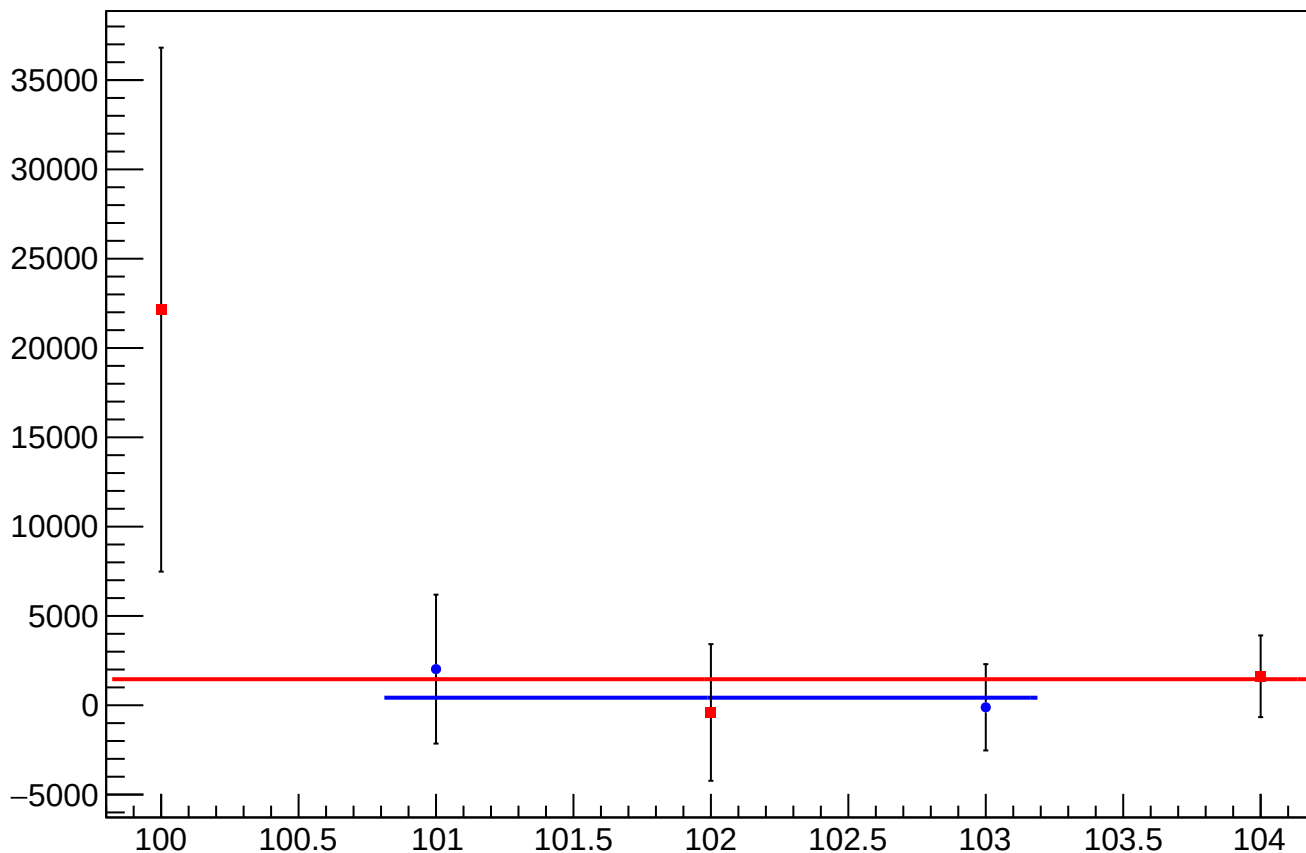
Right: 1445.428+/-0.659 χ^2/NDF : 165677.8/4

In: 1327.924+/-0.856 χ^2/NDF : 100621.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1445.428+/-0.659 χ^2/NDF : 165677.8/4

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: 1459.663+/-1945.576 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

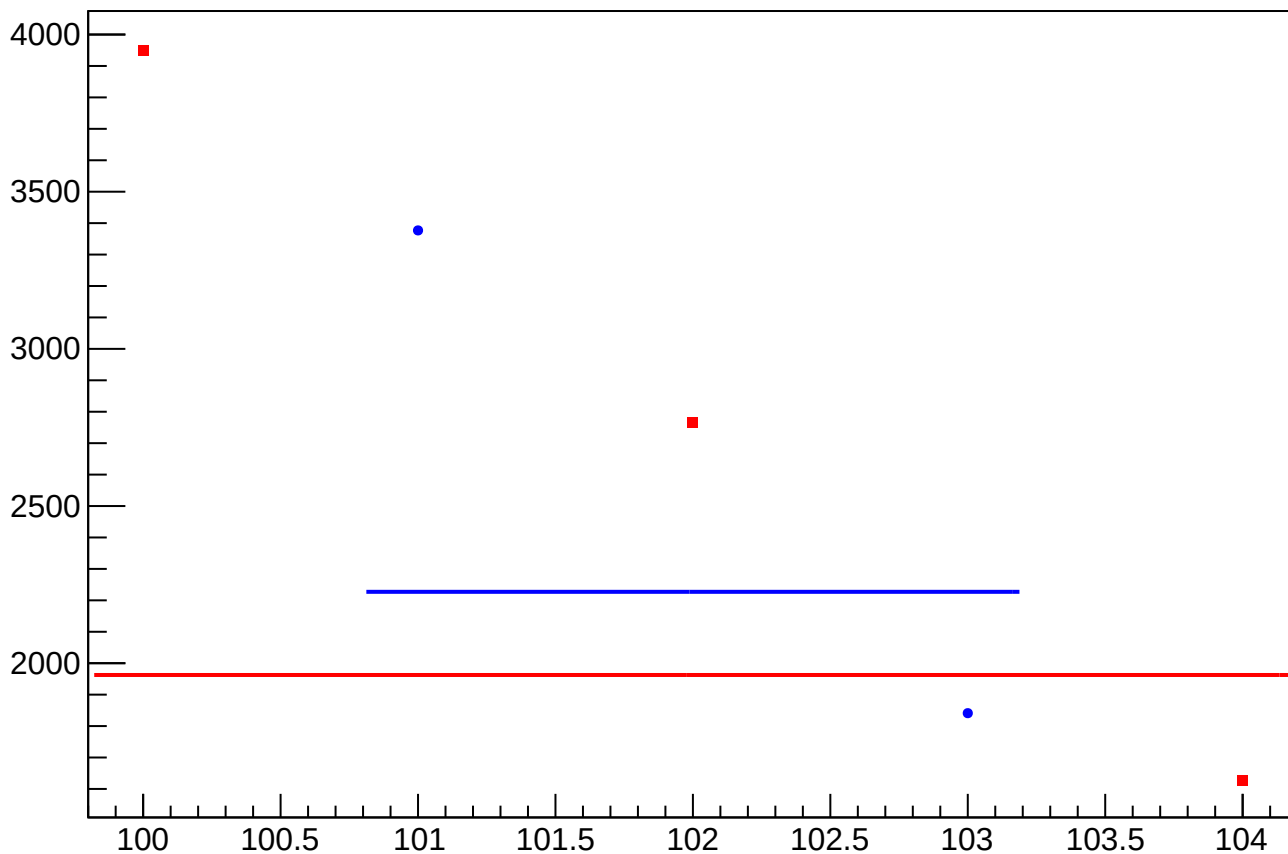
Right: 978.525+/-1424.115 χ^2/NDF : 2.6/4

In: 423.198+/-2090.198 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 978.525+/-1424.115 χ^2/NDF : 2.6/4

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: 1962.523+/-1.376 χ^2/NDF : 167532.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

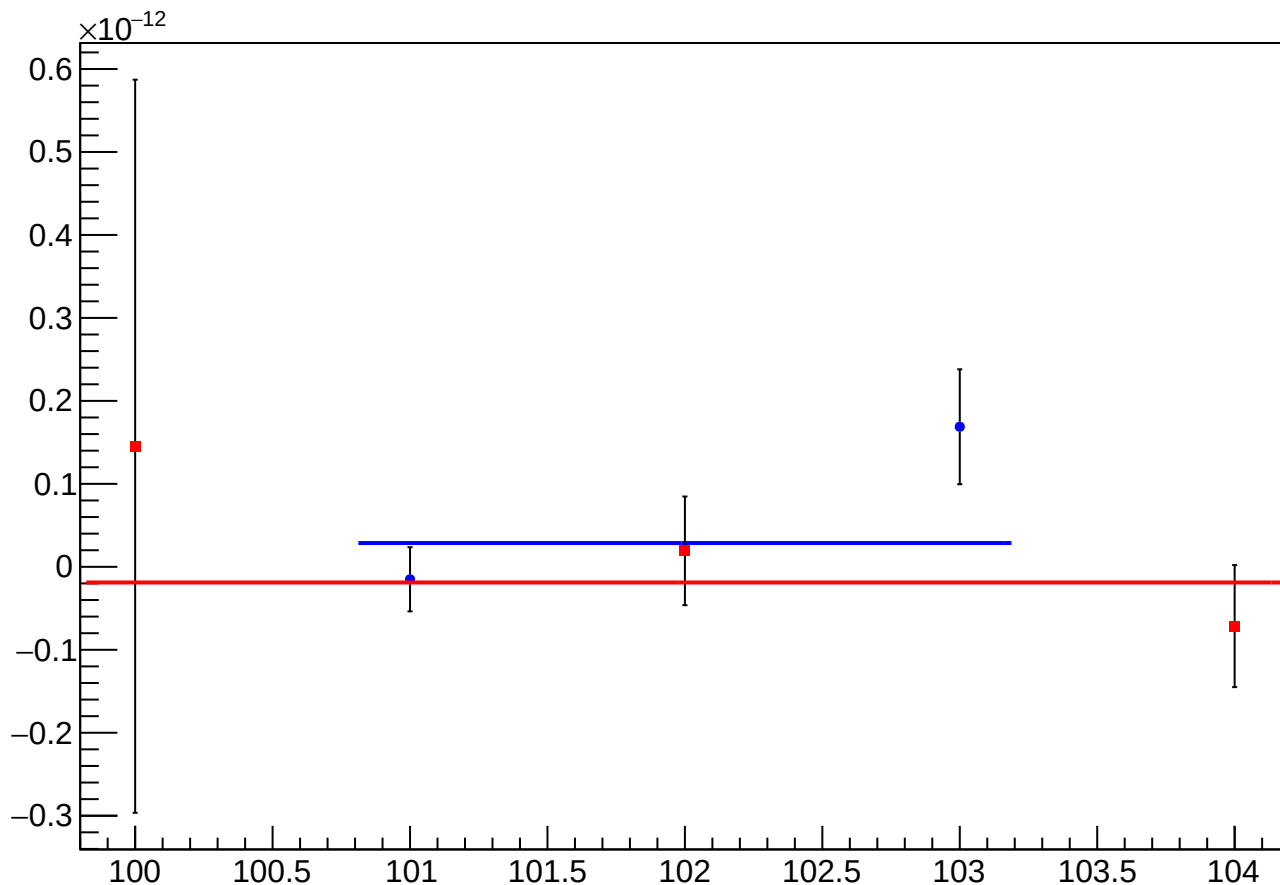
Right: 2085.342+/-1.007 χ^2/NDF : 387905.6/4

In: 2227.097+/-1.478 χ^2/NDF : 203204.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.342+/-1.007 χ^2/NDF : 387905.6/4

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 : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

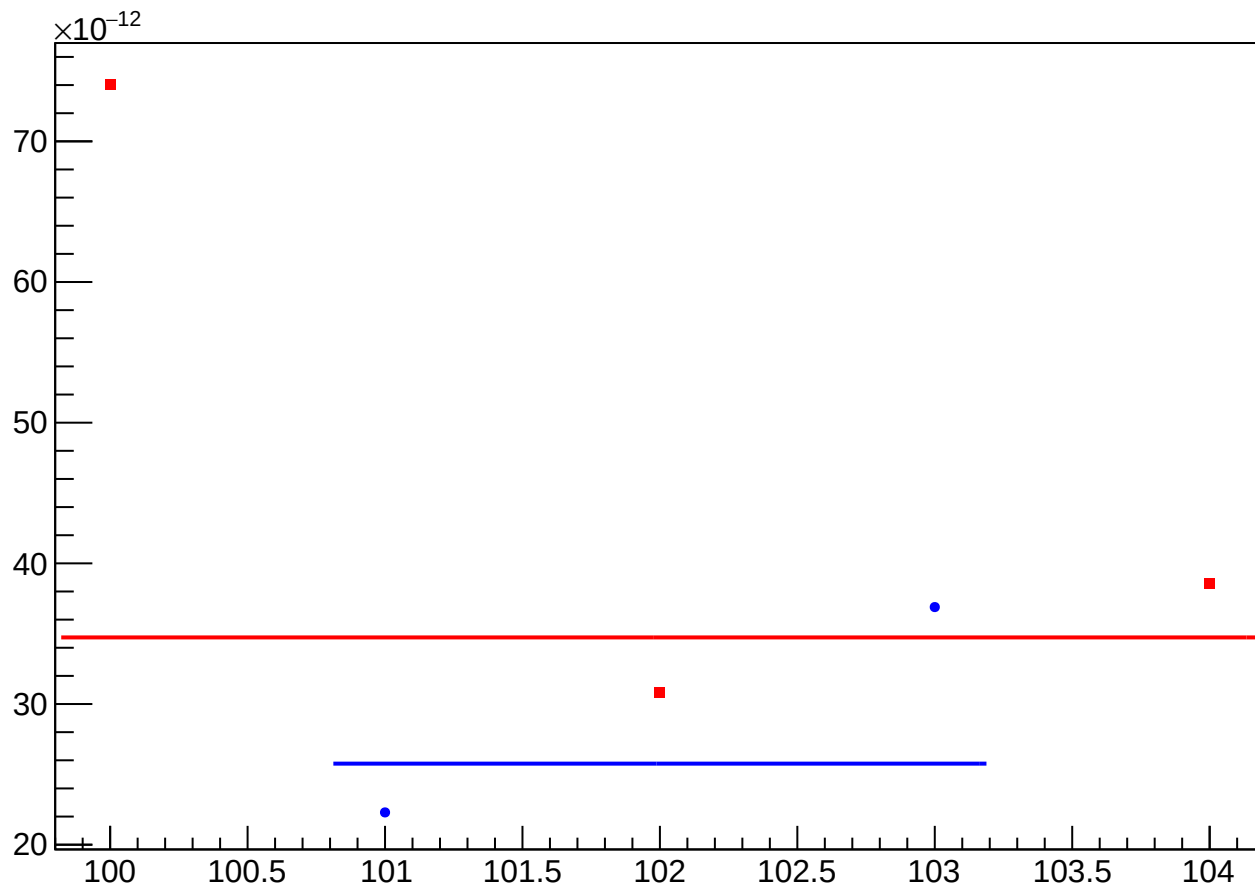
Right: 0.000+/-0.000 χ^2/NDF : 7.0/4

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 : 7.0/4

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 : 28435.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

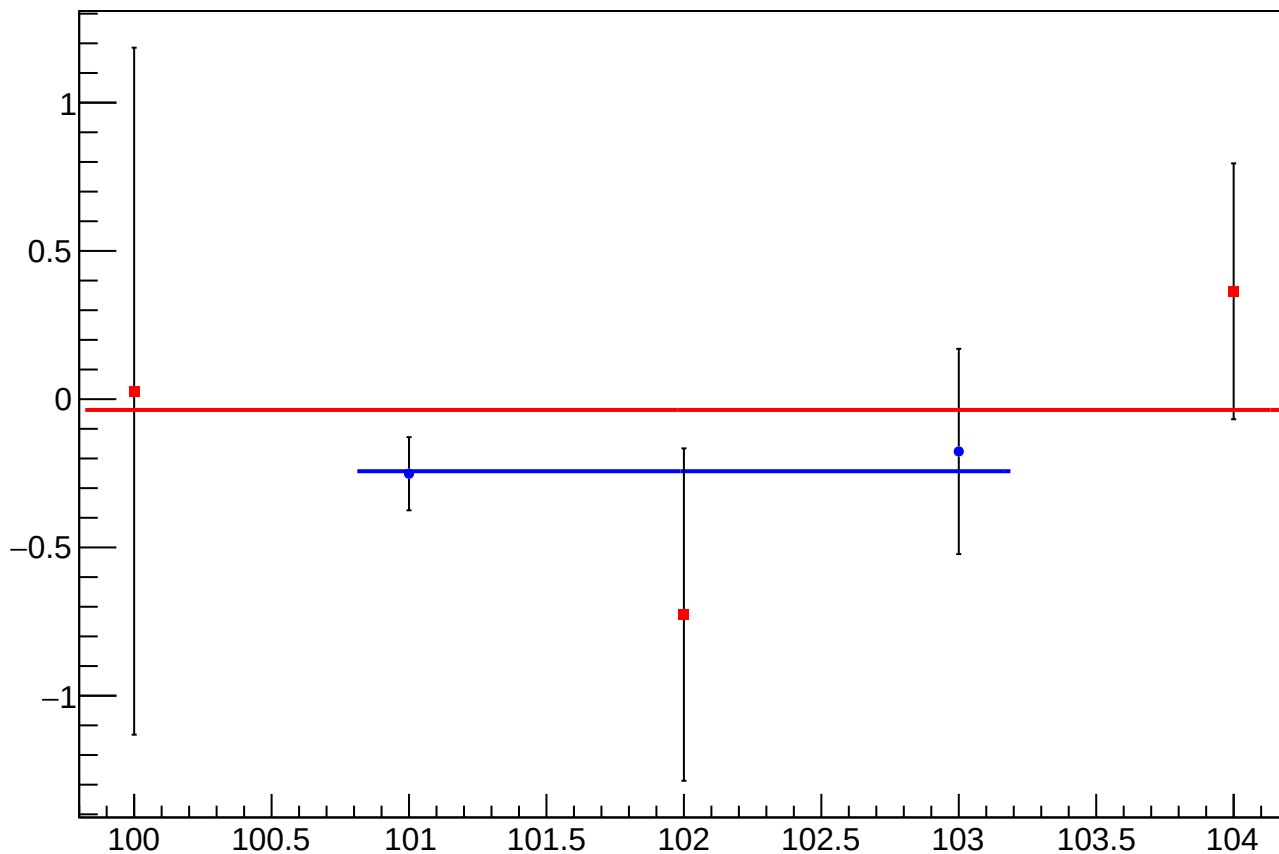
Right: 0.000+/-0.000 χ^2/NDF : 142136.0/4

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 : 142136.0/4

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: -0.036 ± 0.328 $\chi^2/\text{NDF}: 2.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

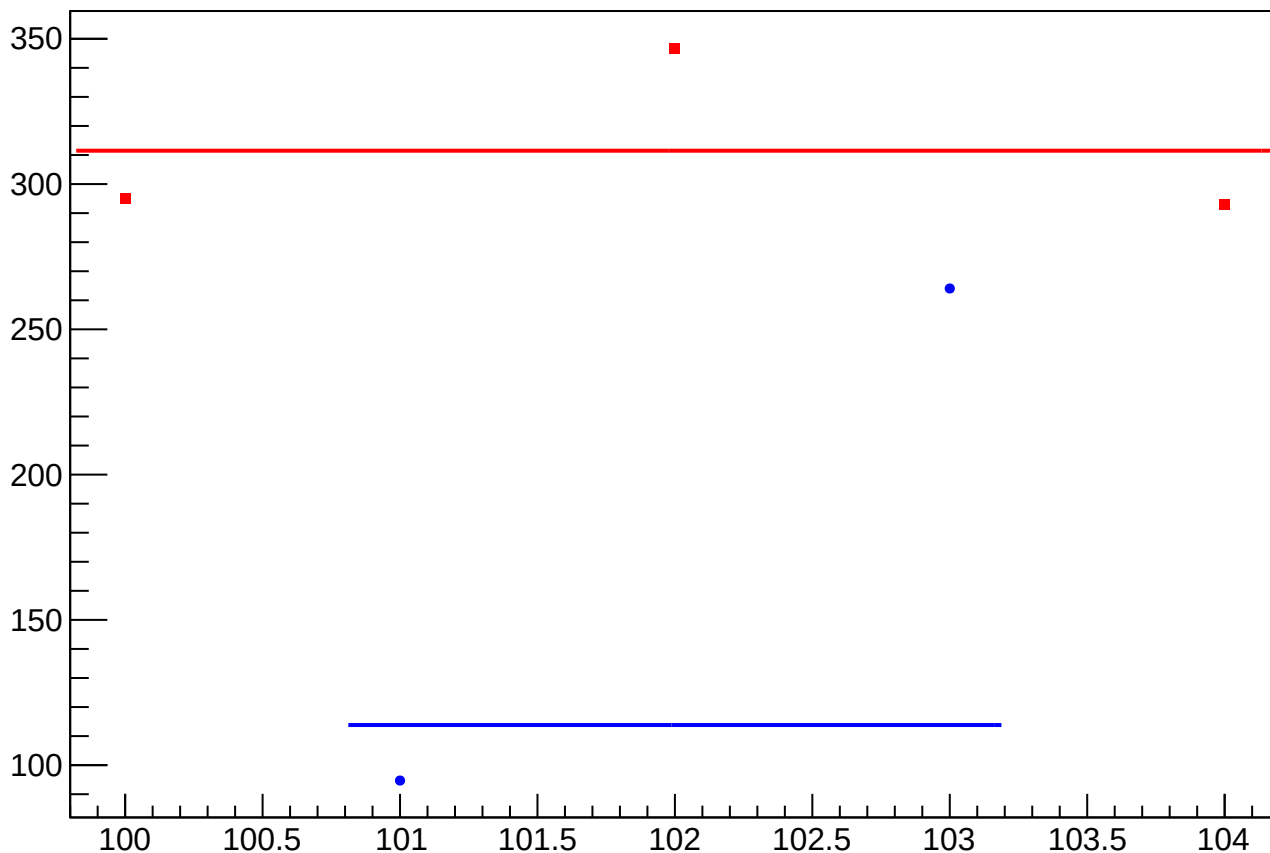
Right: -0.220 ± 0.110 $\chi^2/\text{NDF}: 2.8/4$

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: -0.220 ± 0.110 $\chi^2/\text{NDF}: 2.8/4$

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: 311.488+/-0.232 χ^2/NDF : 11904.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

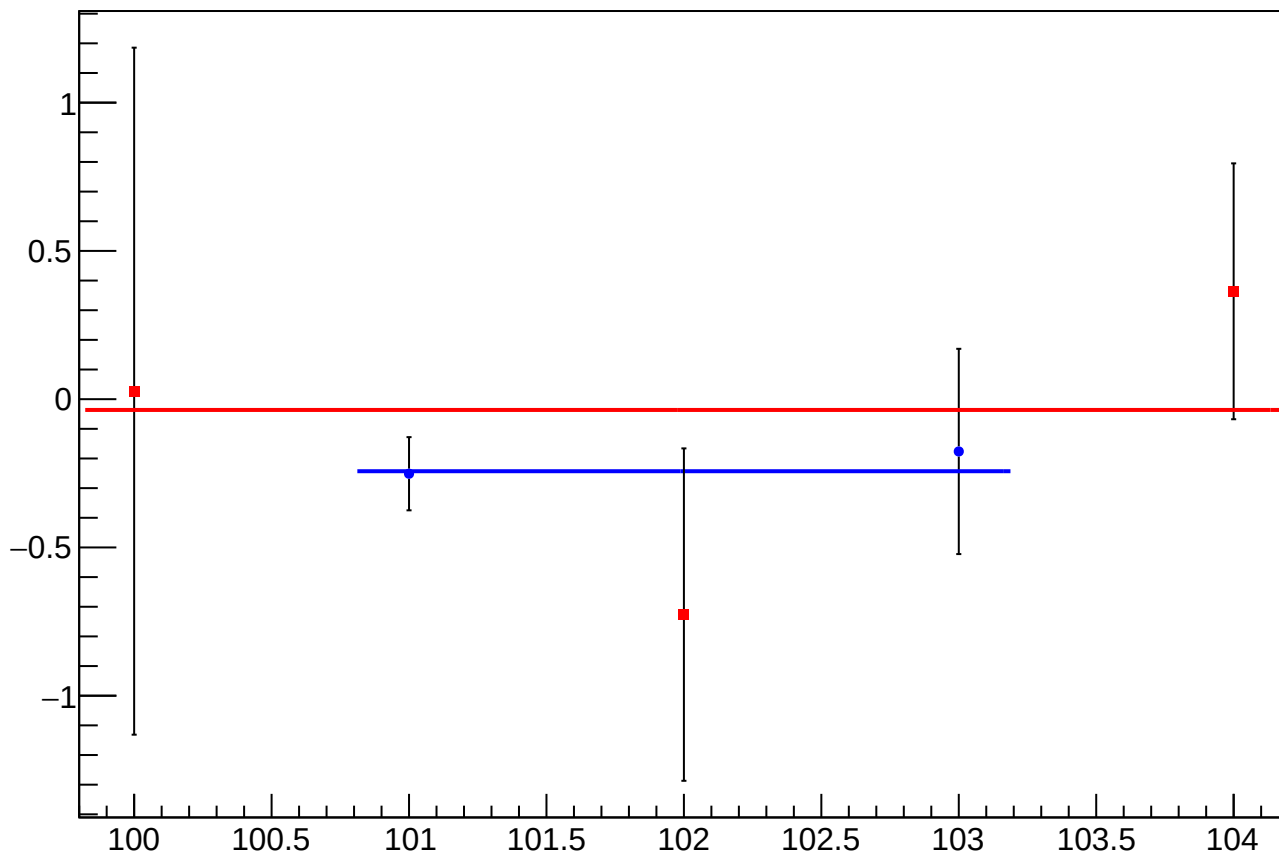
Right: 135.885+/-0.077 χ^2/NDF : 1082478.8/4

In: 113.811+/-0.082 χ^2/NDF : 424853.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.885+/-0.077 χ^2/NDF : 1082478.8/4

asym_us_dd_atlr_dd_dd_dit_vs_eigen_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: -0.036+/-0.328 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

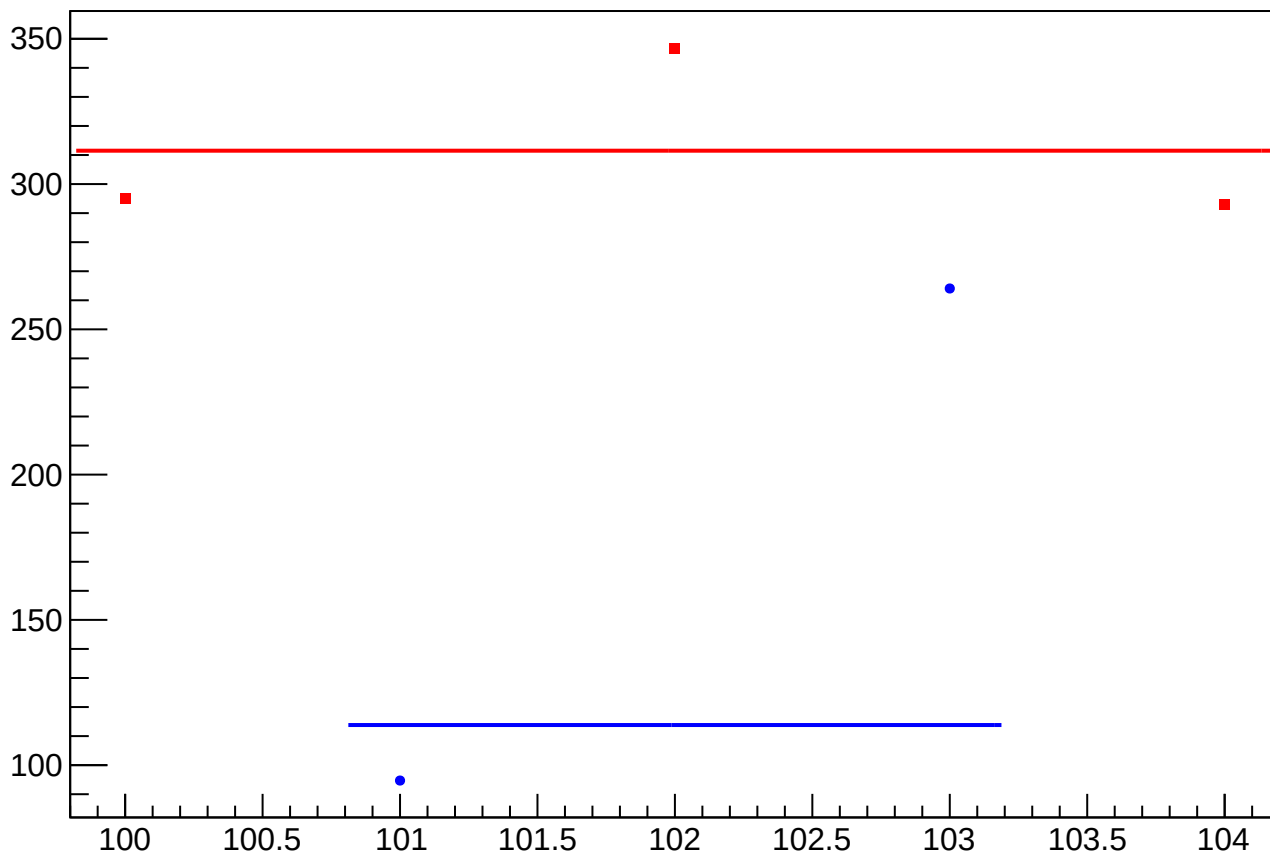
Right: -0.220+/-0.110 χ^2/NDF : 2.8/4

In: -0.243+/-0.116 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.220+/-0.110 χ^2/NDF : 2.8/4

asym_us_dd_atlr_dd_dd_dit_vs_eigen_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: 311.488+/-0.232 χ^2/NDF : 11904.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

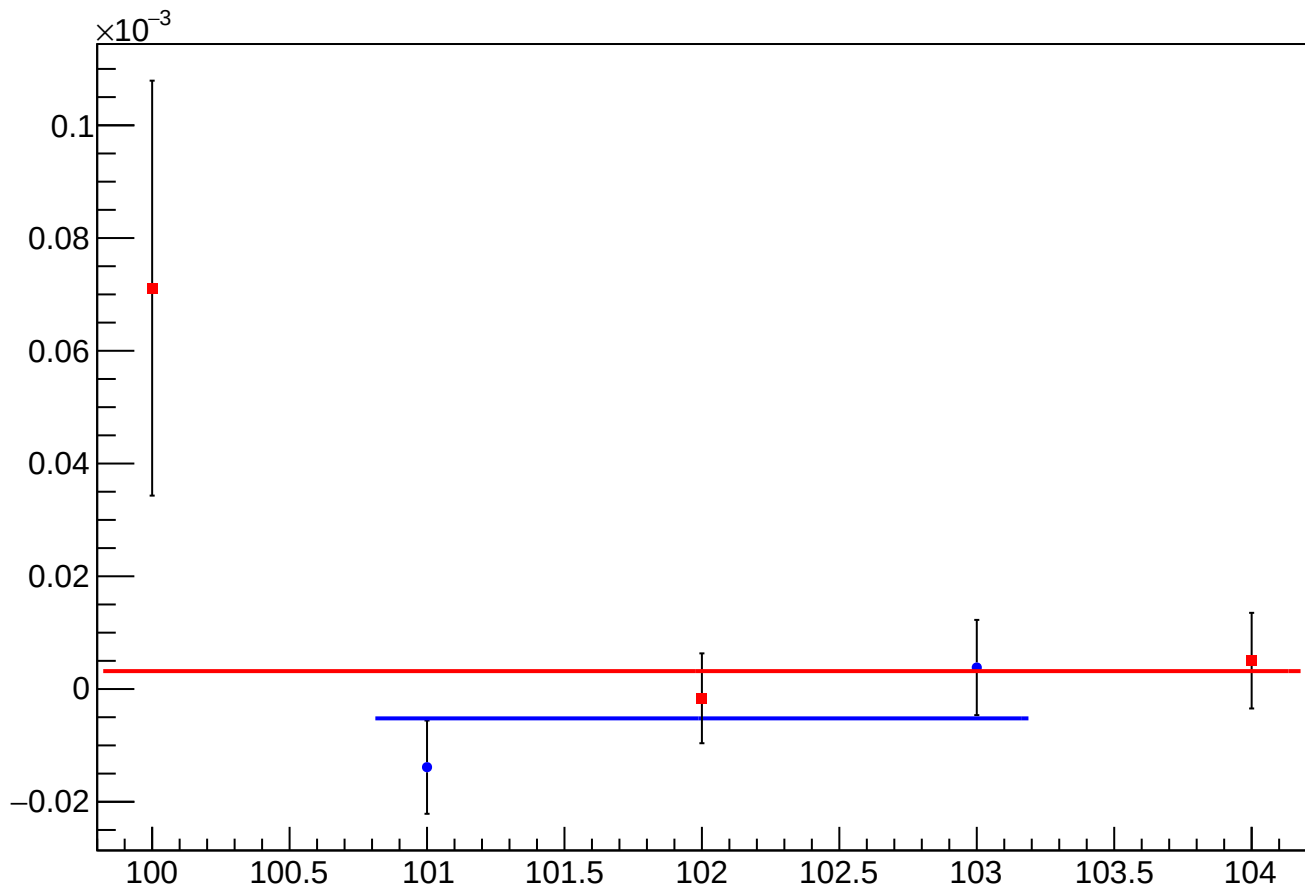
Right: 135.885+/-0.077 χ^2/NDF : 1082478.8/4

In: 113.811+/-0.082 χ^2/NDF : 424853.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.885+/-0.077 χ^2/NDF : 1082478.8/4

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 : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

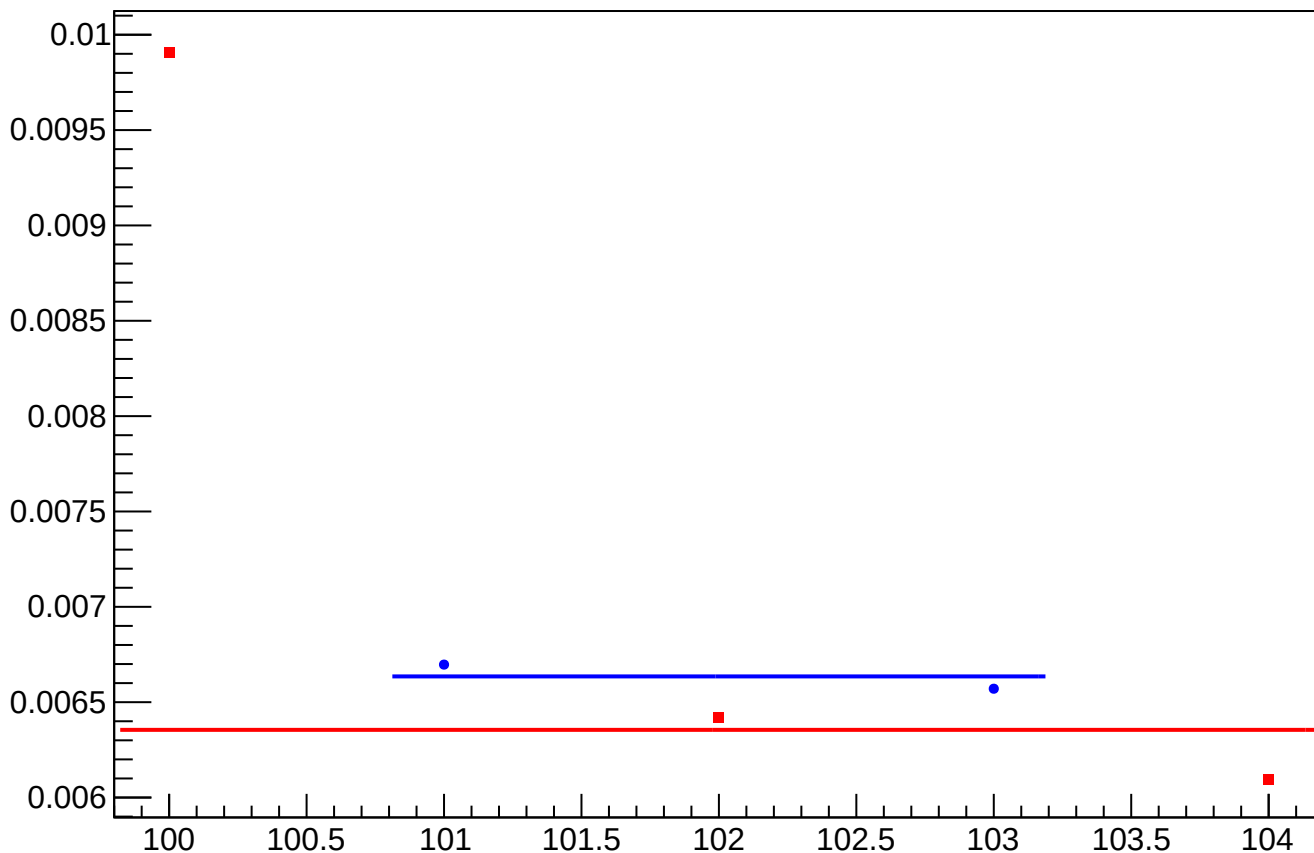
Right: -0.000+/-0.000 χ^2/NDF : 7.1/4

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 : 7.1/4

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 : 20646.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

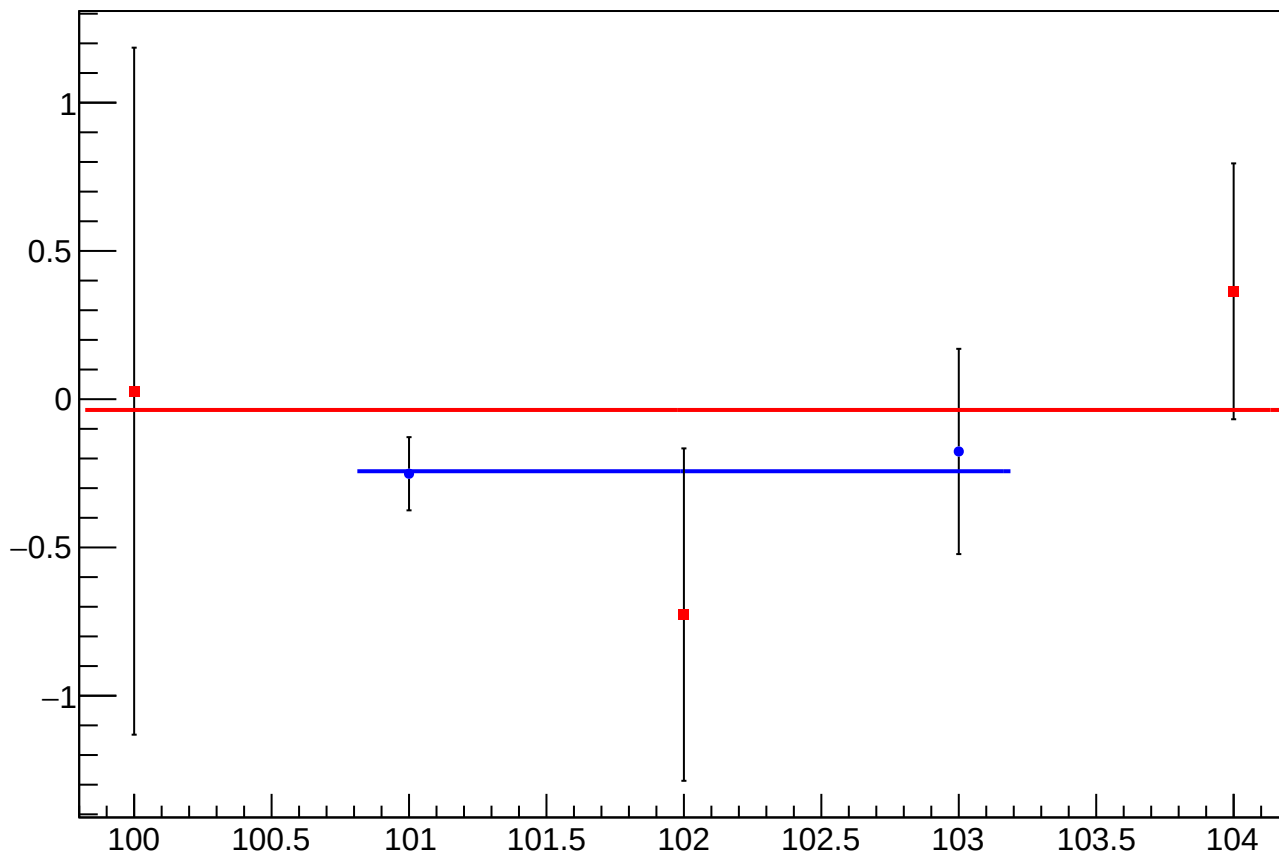
Right: 0.006+/-0.000 χ^2/NDF : 23190.4/4

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 : 23190.4/4

asym_us_dd_atlr_dd_dd_eigen_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: -0.036 ± 0.328 $\chi^2/\text{NDF}: 2.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

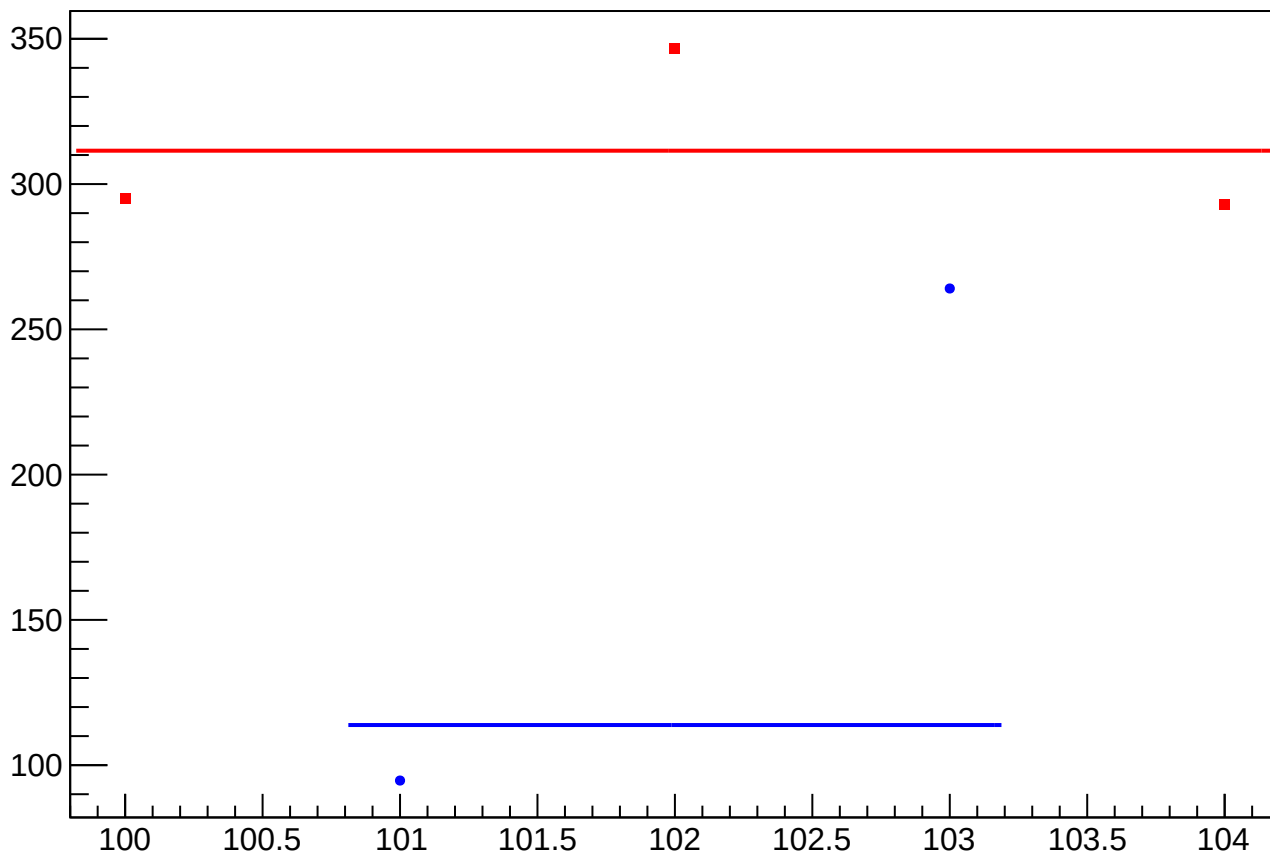
Right: -0.220 ± 0.110 $\chi^2/\text{NDF}: 2.8/4$

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: -0.220 ± 0.110 $\chi^2/\text{NDF}: 2.8/4$

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: 311.489 $\pm$ 0.232 χ^2 /NDF: 11904.5/2

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

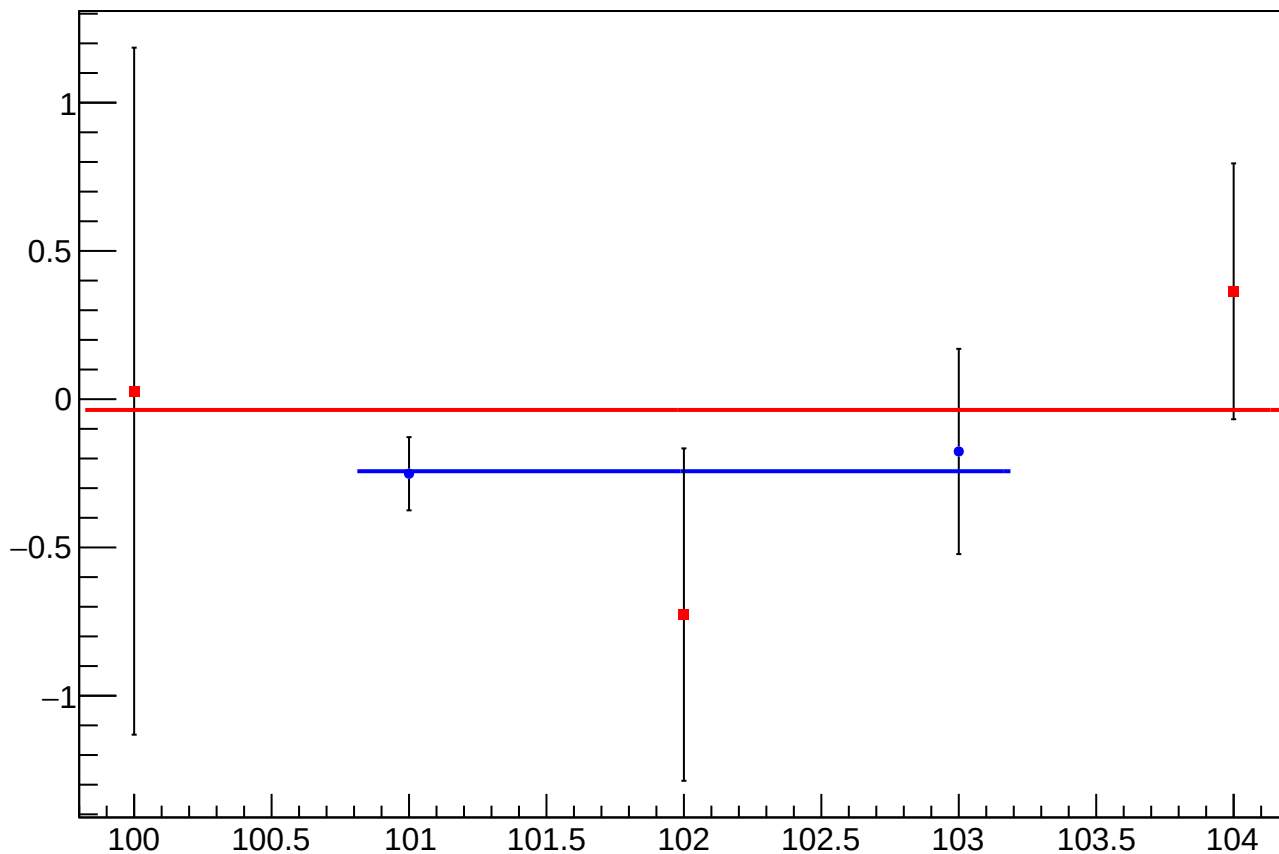
Right: 135.888 $\pm$ 0.077 χ^2 /NDF: 1082458.2/4

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: 135.888 $\pm$ 0.077 χ^2 /NDF: 1082458.2/4

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_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: -0.036+/-0.328 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

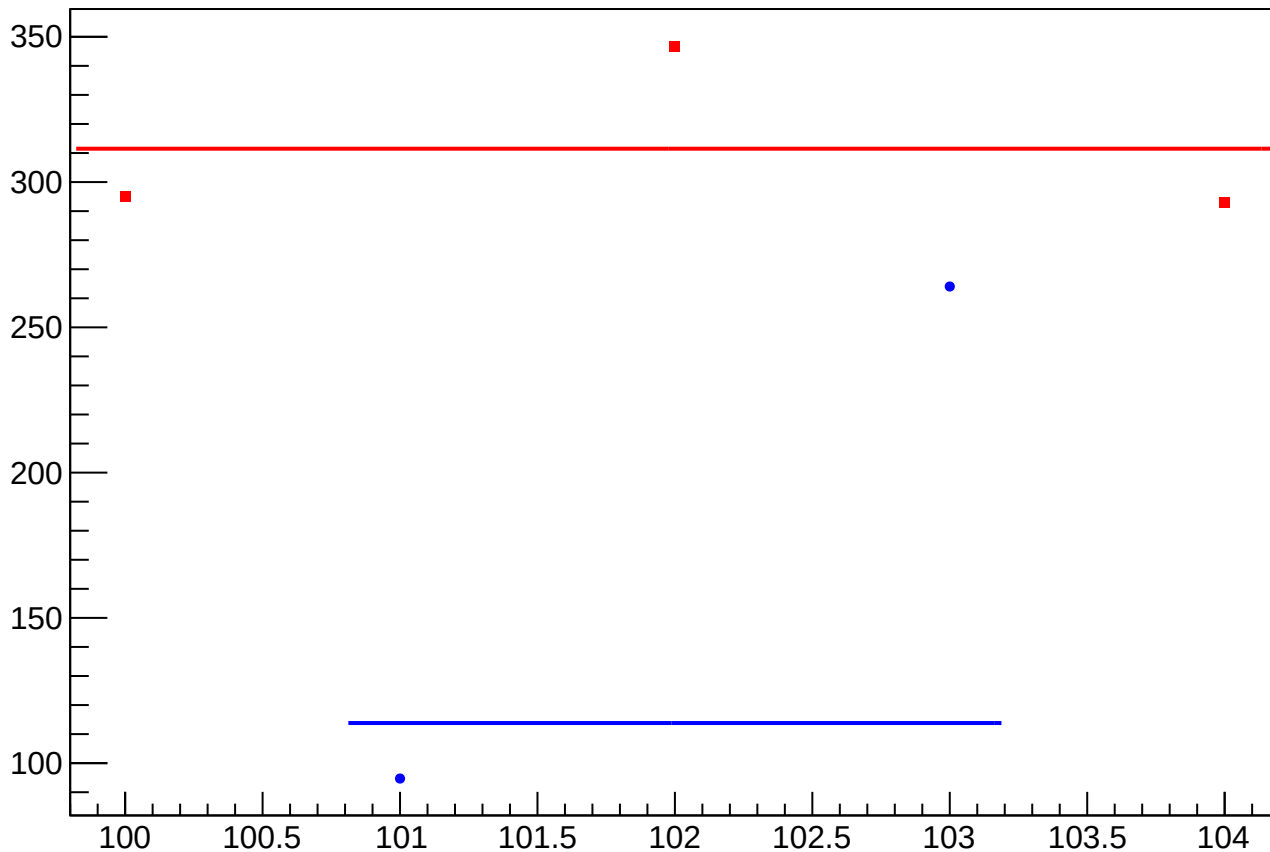
Right: -0.220+/-0.110 χ^2/NDF : 2.8/4

In: -0.243+/-0.116 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.220+/-0.110 χ^2/NDF : 2.8/4

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: 311.489 $\pm$ 0.232 χ^2 /NDF: 11904.5/2

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

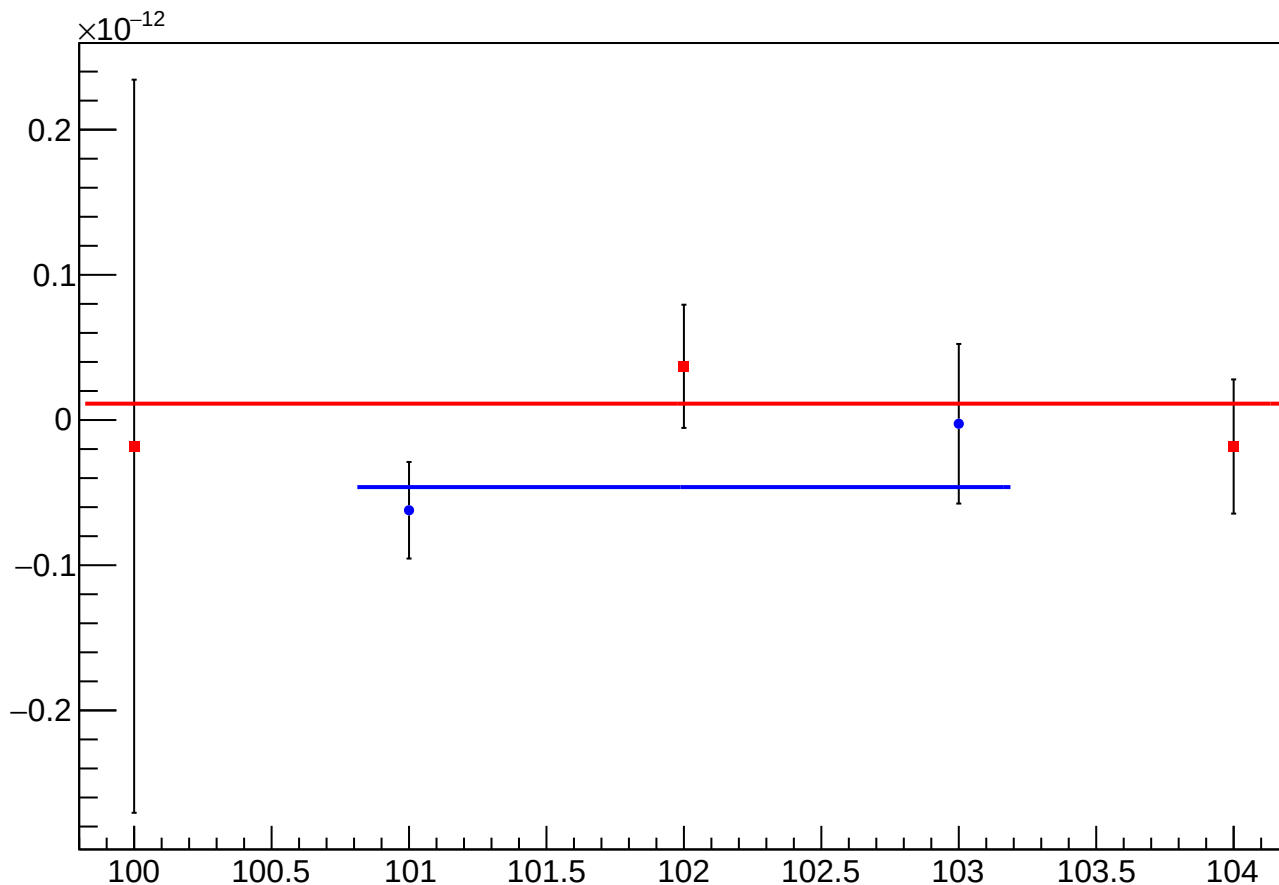
Right: 135.888 $\pm$ 0.077 χ^2 /NDF: 1082458.2/4

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: 135.888 $\pm$ 0.077 χ^2 /NDF: 1082458.2/4

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 : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

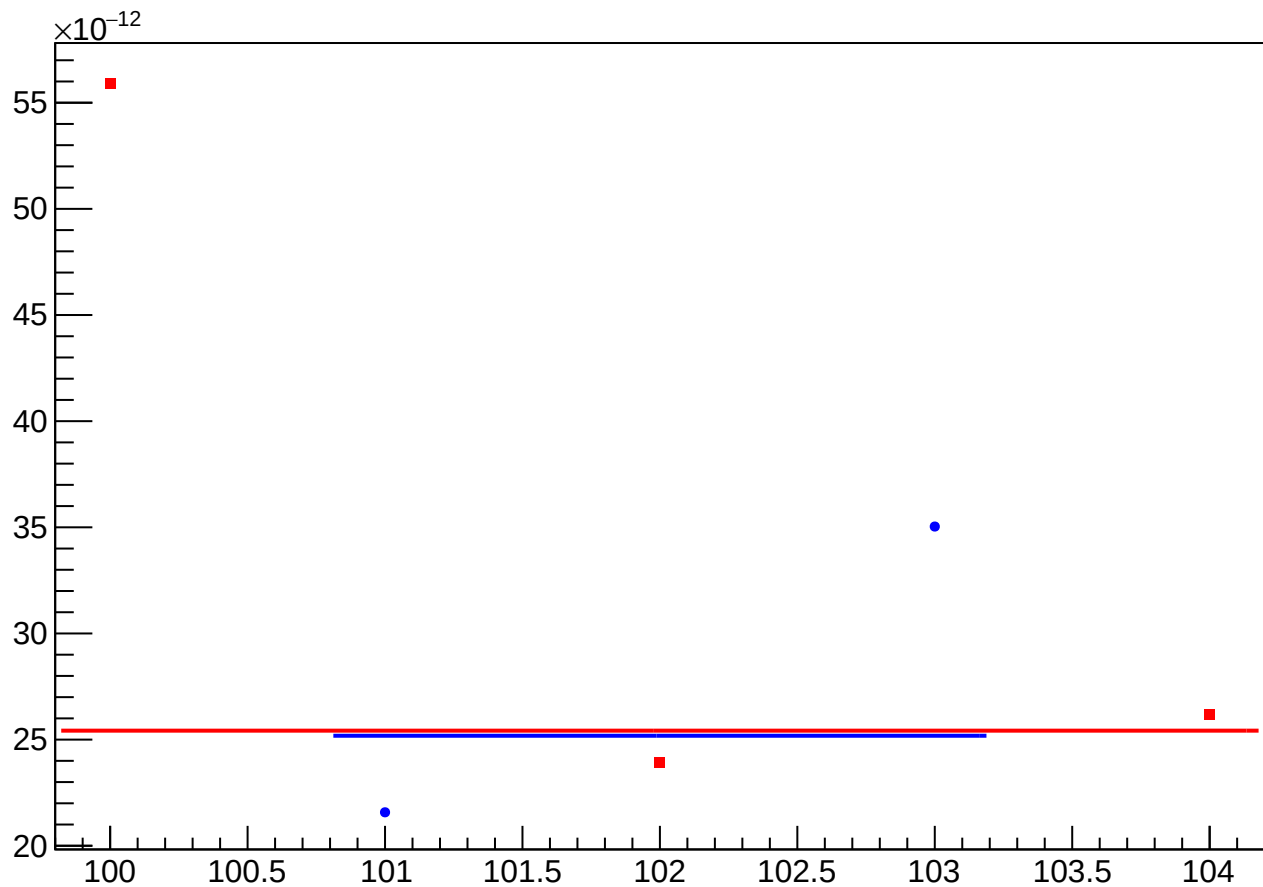
Right: -0.000+/-0.000 χ^2/NDF : 3.5/4

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 : 3.5/4

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 : 32271.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

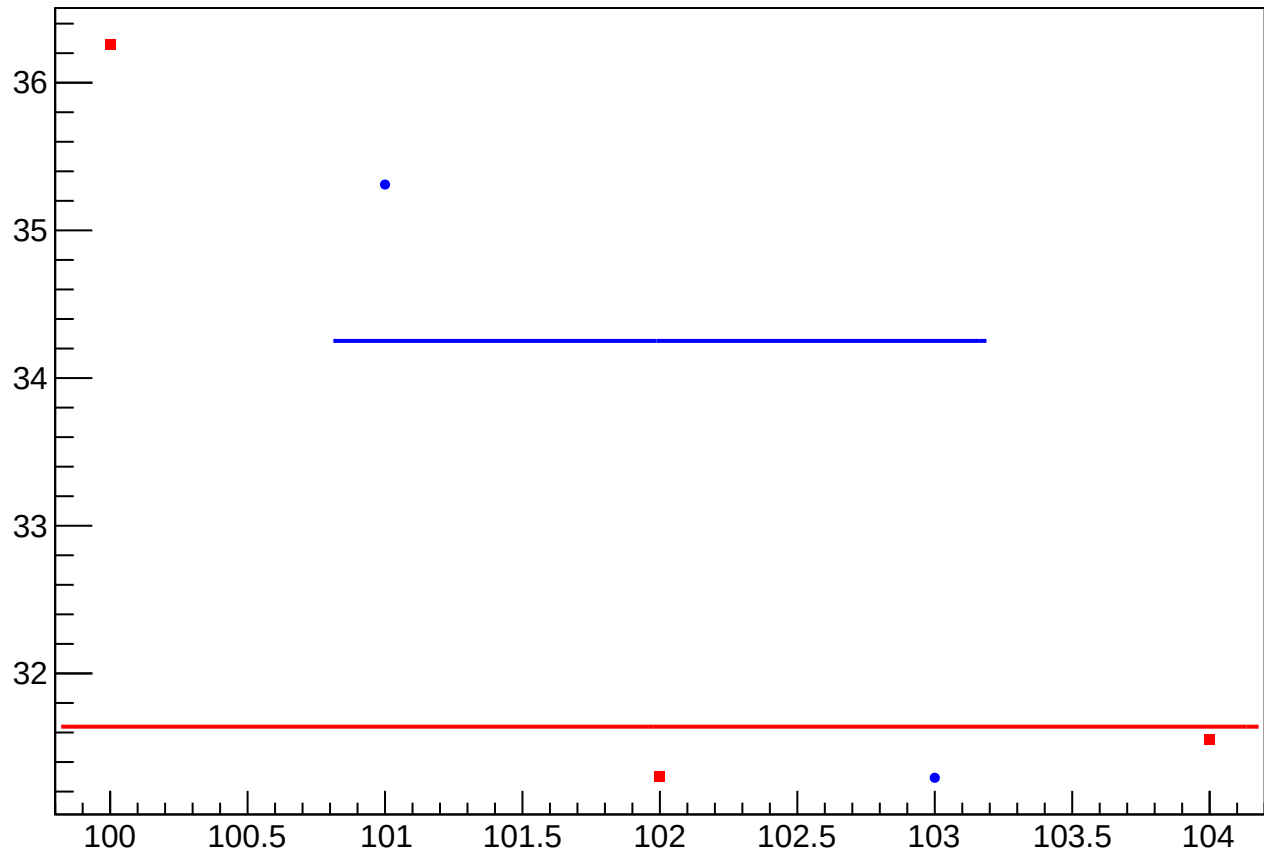
Right: 0.000+/-0.000 χ^2/NDF : 120124.3/4

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 : 120124.3/4

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: 31.640+/-0.000 χ^2/NDF : 58362622.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

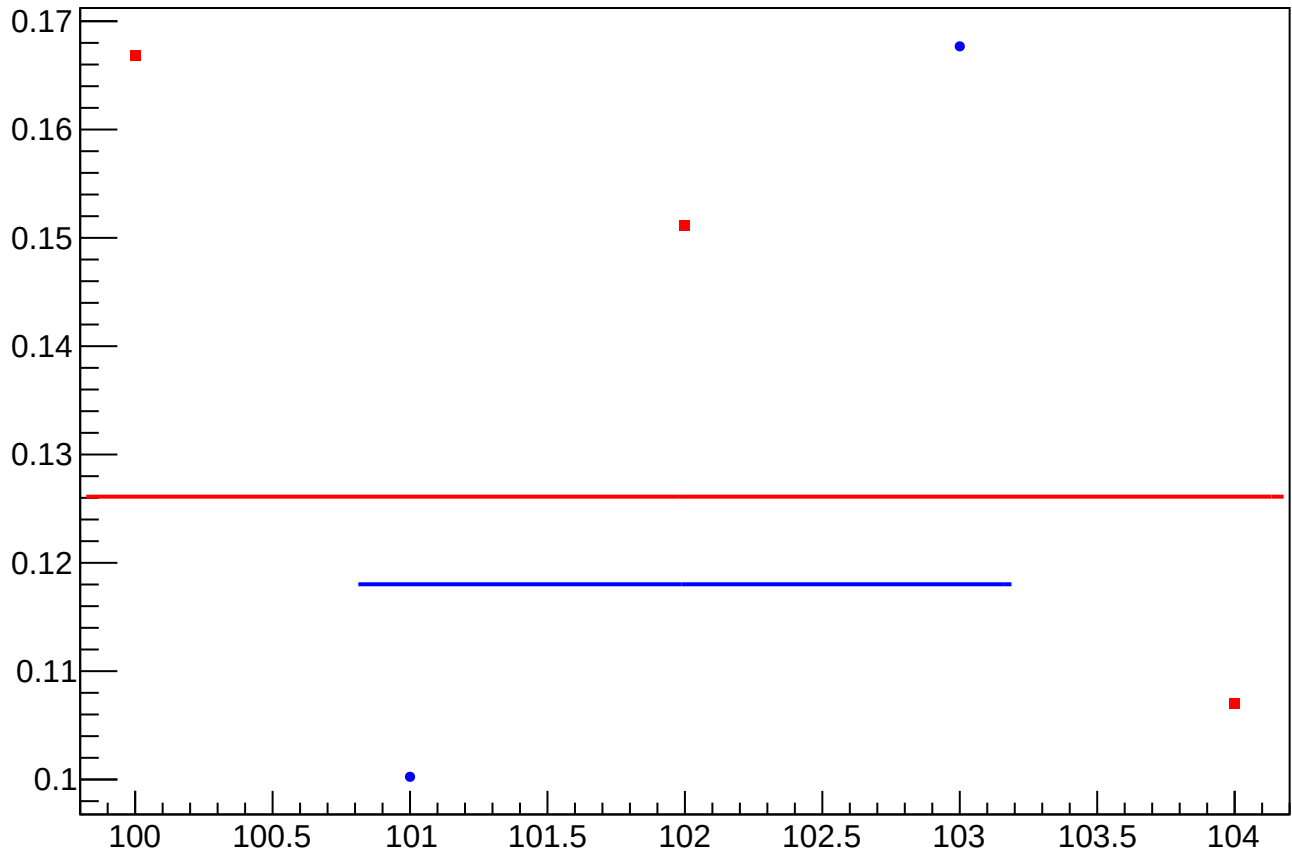
Right: 33.058+/-0.000 χ^2/NDF : 554236411.0/4

In: 34.252+/-0.000 χ^2/NDF : 248532206.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.058+/-0.000 χ^2/NDF : 554236411.0/4

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: 0.126+/-0.000 χ^2/NDF : 68766.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

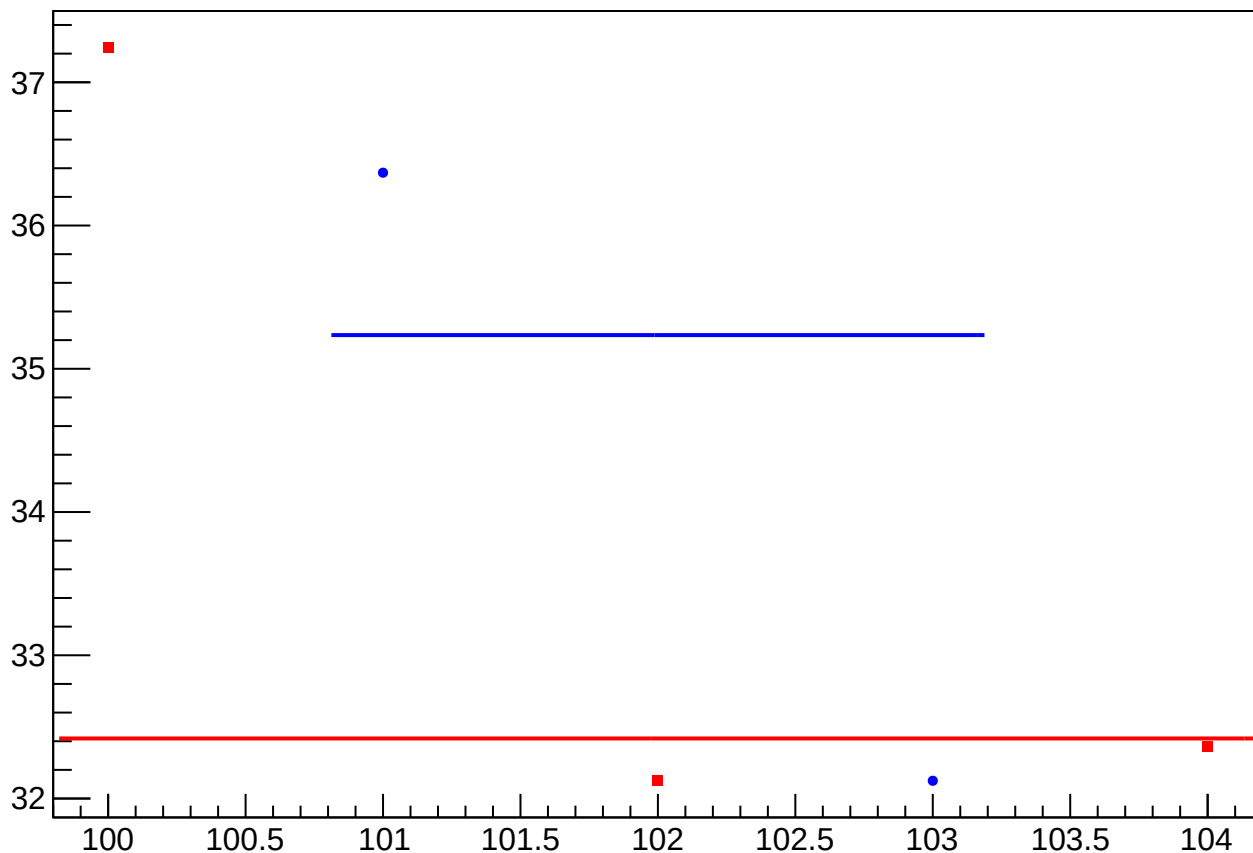
Right: 0.122+/-0.000 χ^2/NDF : 213585.7/4

In: 0.118+/-0.000 χ^2/NDF : 140075.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.122+/-0.000 χ^2/NDF : 213585.7/4

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: 32.419+/-0.000 χ^2/NDF : 39816687.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

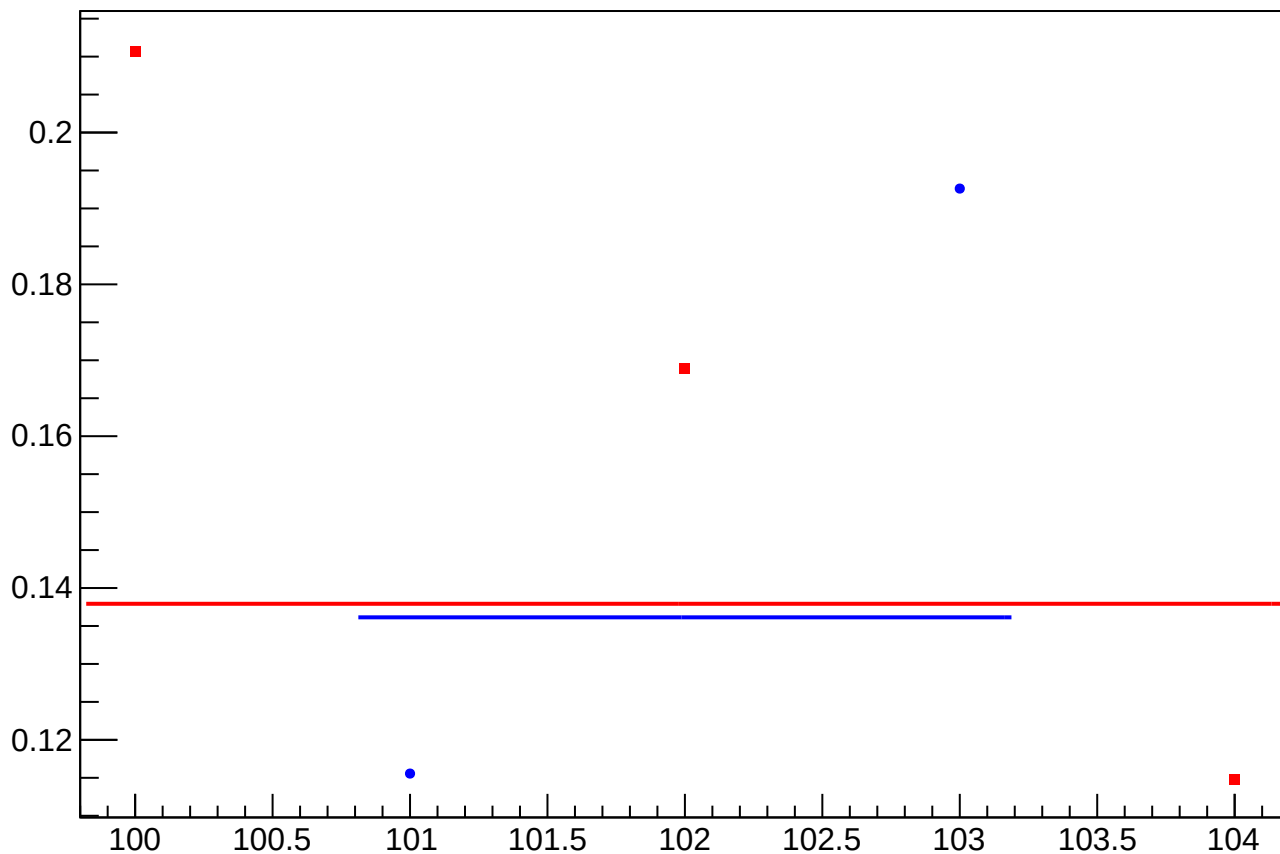
Right: 33.883+/-0.000 χ^2/NDF : 474386801.0/4

In: 35.235+/-0.000 χ^2/NDF : 208945990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.883+/-0.000 χ^2/NDF : 474386801.0/4

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.138+/-0.000 χ^2/NDF : 91784.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

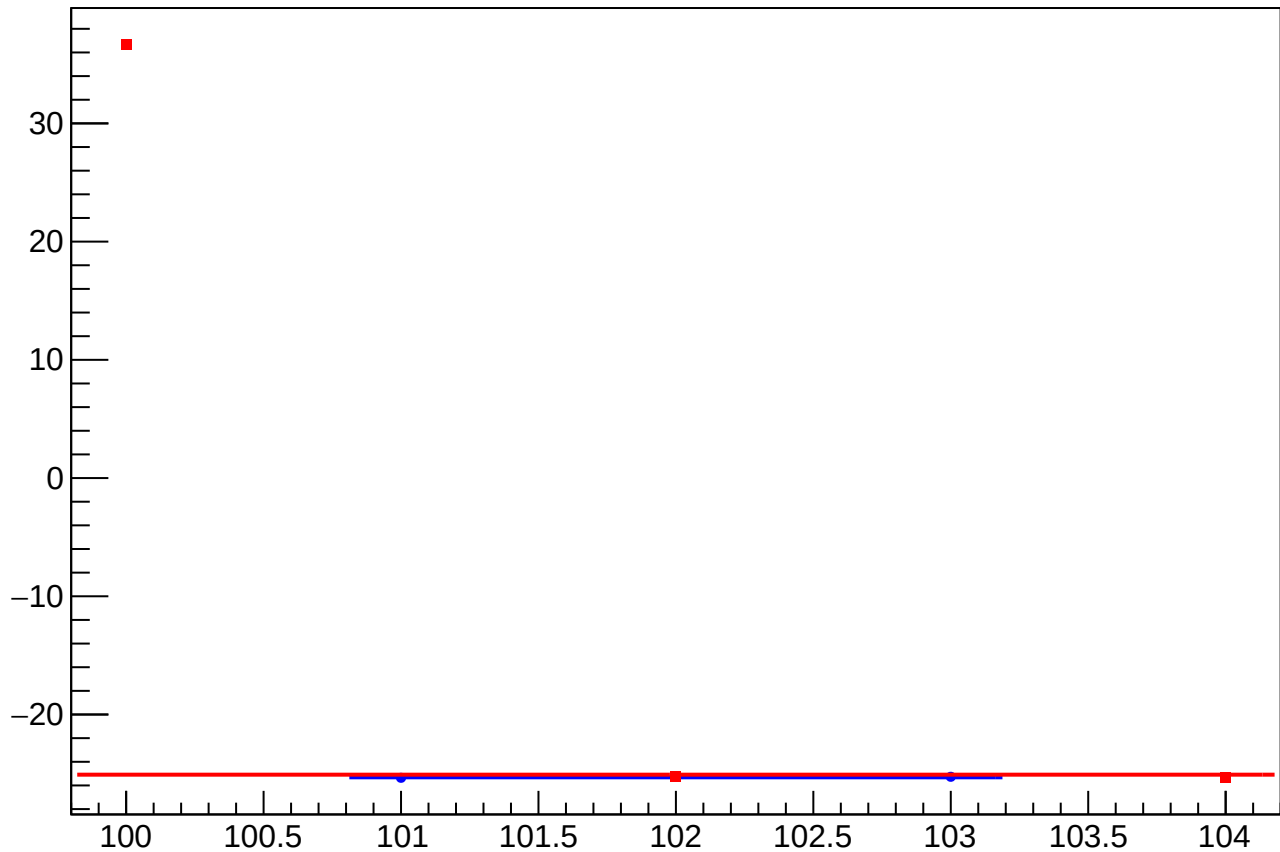
Right: 0.137+/-0.000 χ^2/NDF : 229681.7/4

In: 0.136+/-0.000 χ^2/NDF : 137715.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.137+/-0.000 χ^2/NDF : 229681.7/4

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: -25.089+/-0.000 χ^2/NDF : 8696582612.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

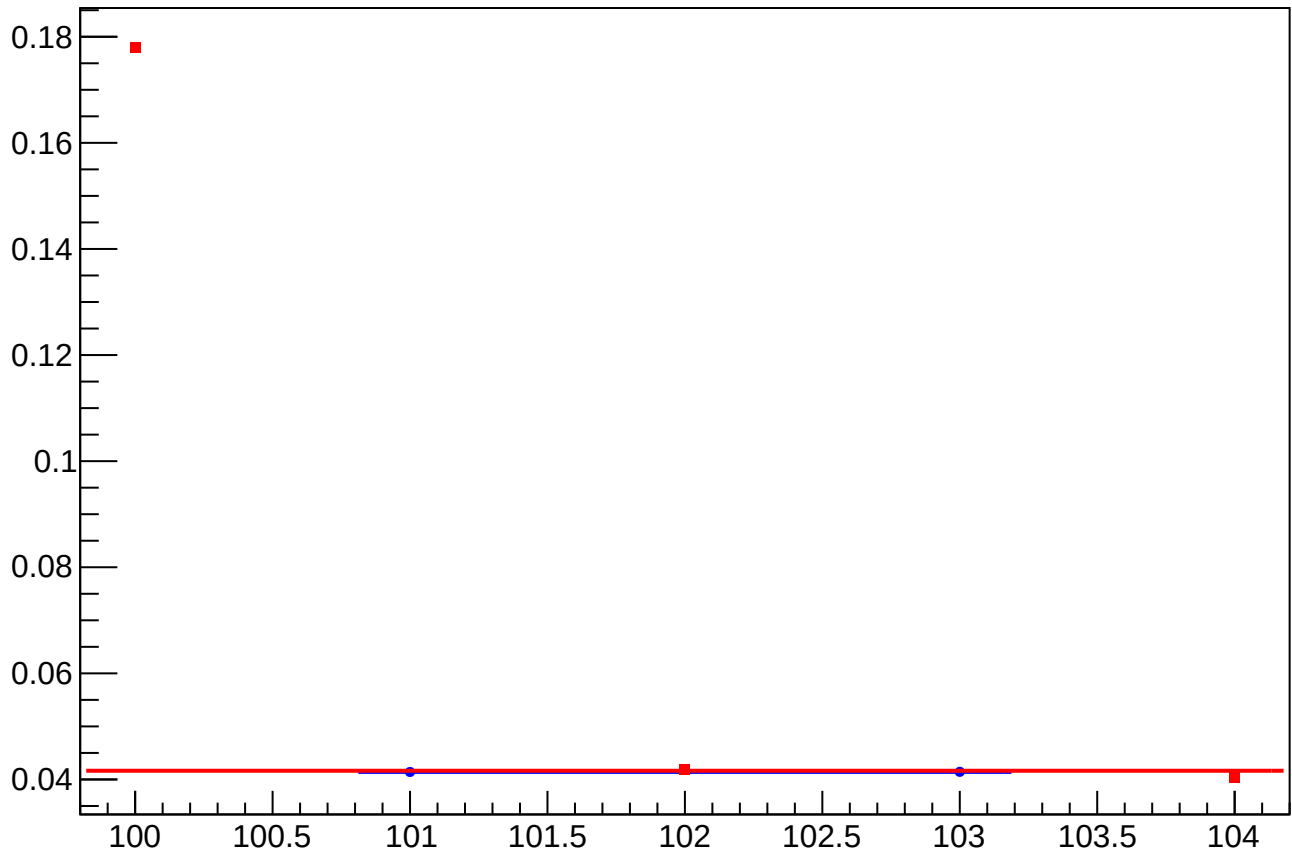
Right: -25.204+/-0.000 χ^2/NDF : 8715457217.1/4

In: -25.312+/-0.000 χ^2/NDF : 1342008.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.204+/-0.000 χ^2/NDF : 8715457217.1/4

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 : 85681.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

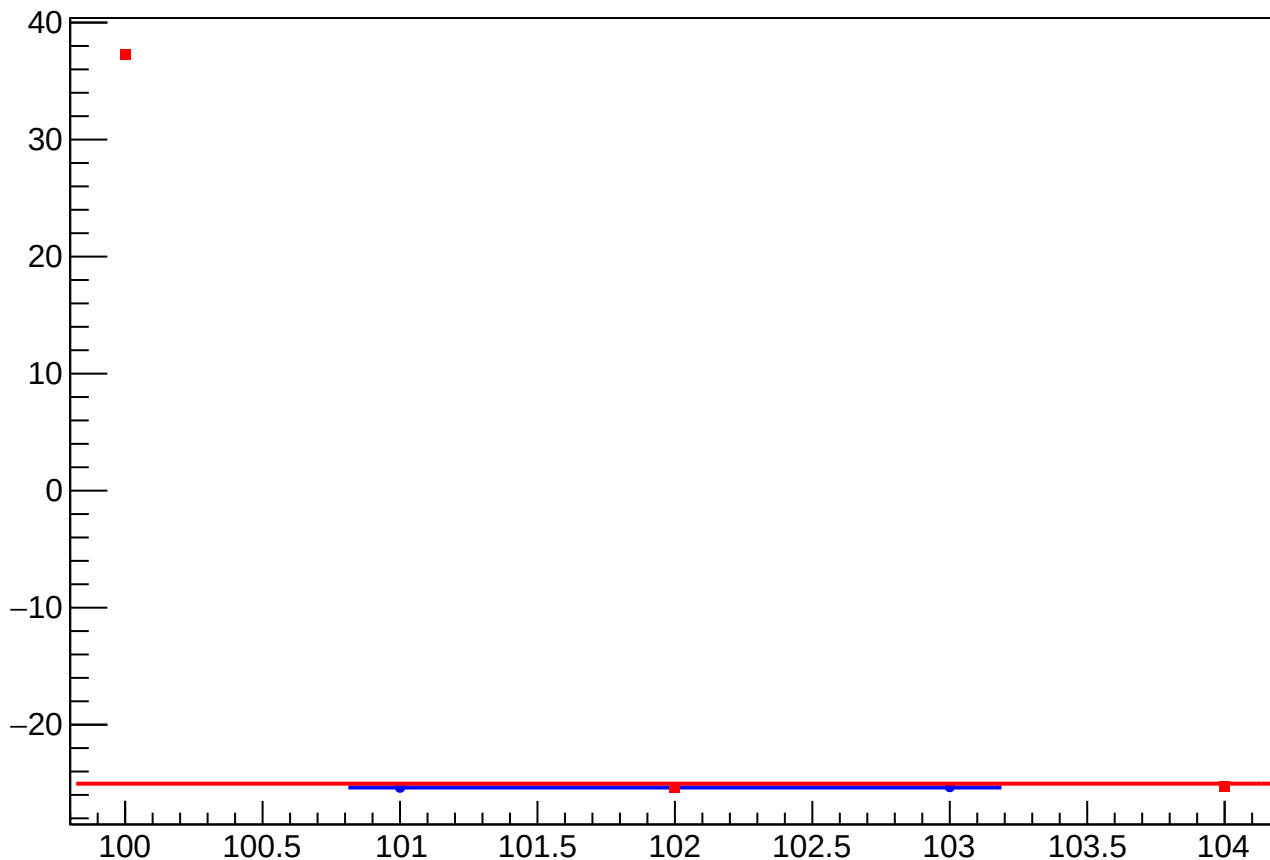
Right: 0.042+/-0.000 χ^2/NDF : 85714.8/4

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 : 85714.8/4

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: -25.037+/-0.000 χ^2/NDF : 6267539890.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

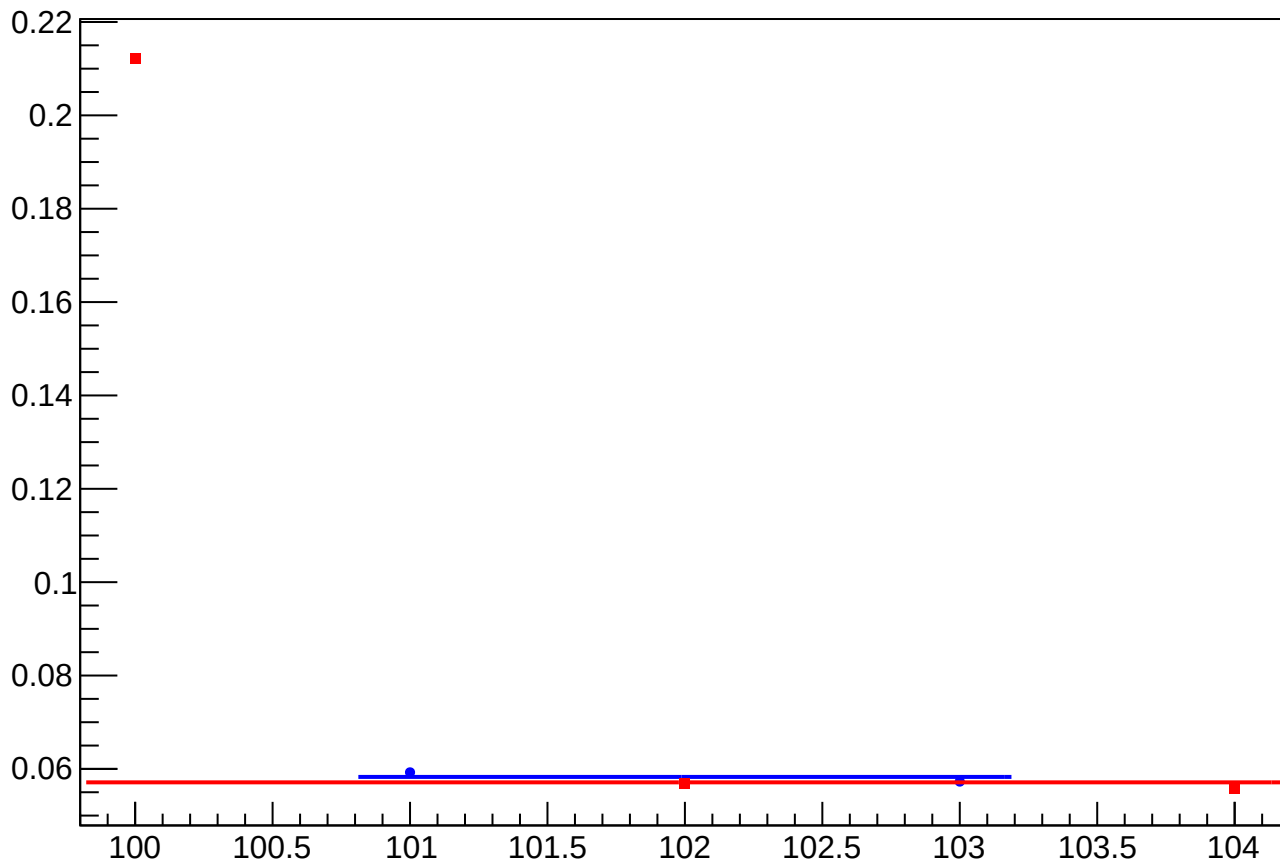
Right: -25.203+/-0.000 χ^2/NDF : 6287064410.4/4

In: -25.366+/-0.000 χ^2/NDF : 249101.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.203+/-0.000 χ^2/NDF : 6287064410.4/4

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 : 77931.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

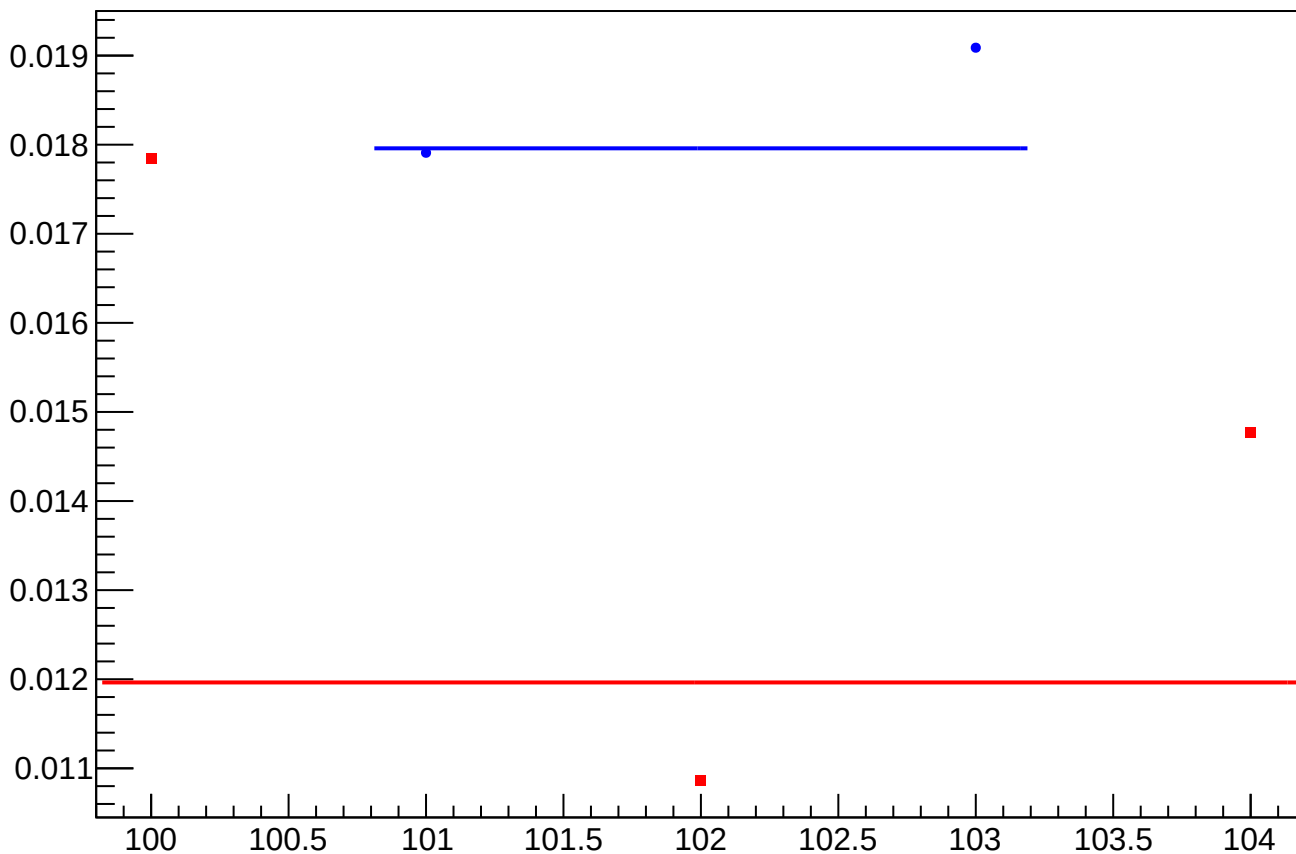
Right: 0.058+/-0.000 χ^2/NDF : 79118.1/4

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 : 79118.1/4

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.018 $\pm$ 0.000 χ^2 /NDF: 11907308.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 927366918.3/2

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

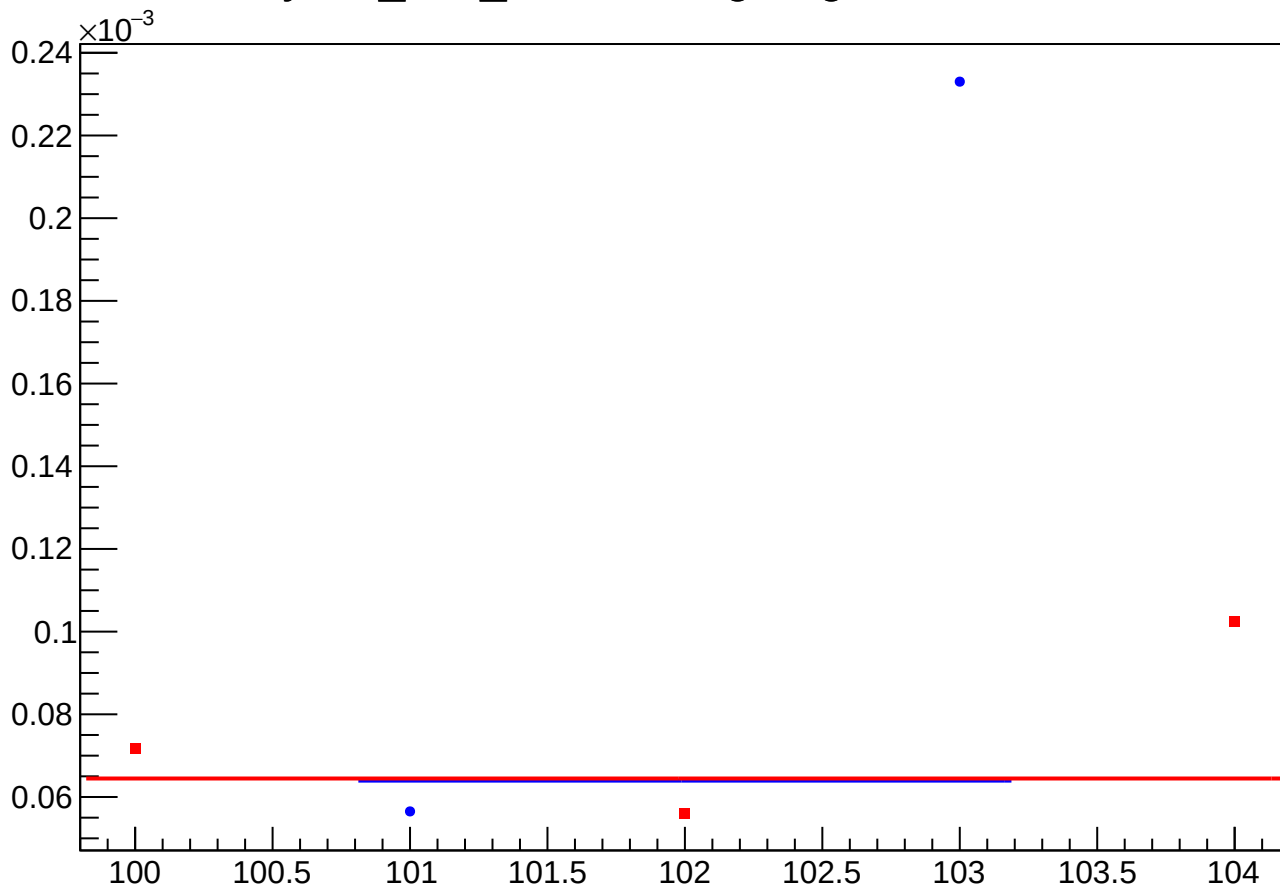
Right: 0.015 $\pm$ 0.000 χ^2 /NDF: 4659642660.6/4

In: 0.018 $\pm$ 0.000 χ^2 /NDF:11907308.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.000 χ^2 /NDF: 4659642660.6/4

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 : 117063.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

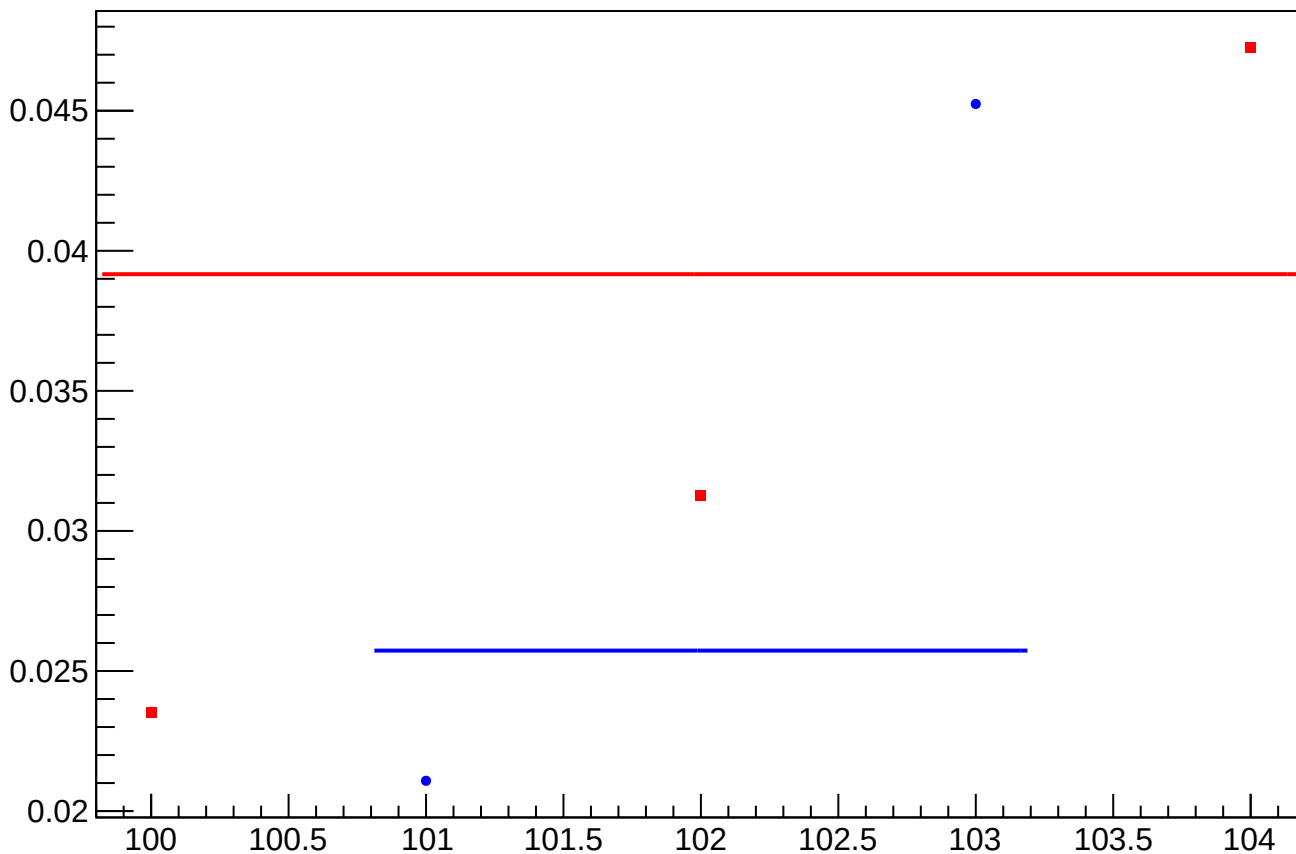
Right: 0.000+/-0.000 χ^2/NDF : 650672.7/4

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 : 650672.7/4

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 562951337.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000 χ^2/NDF : 304927720.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

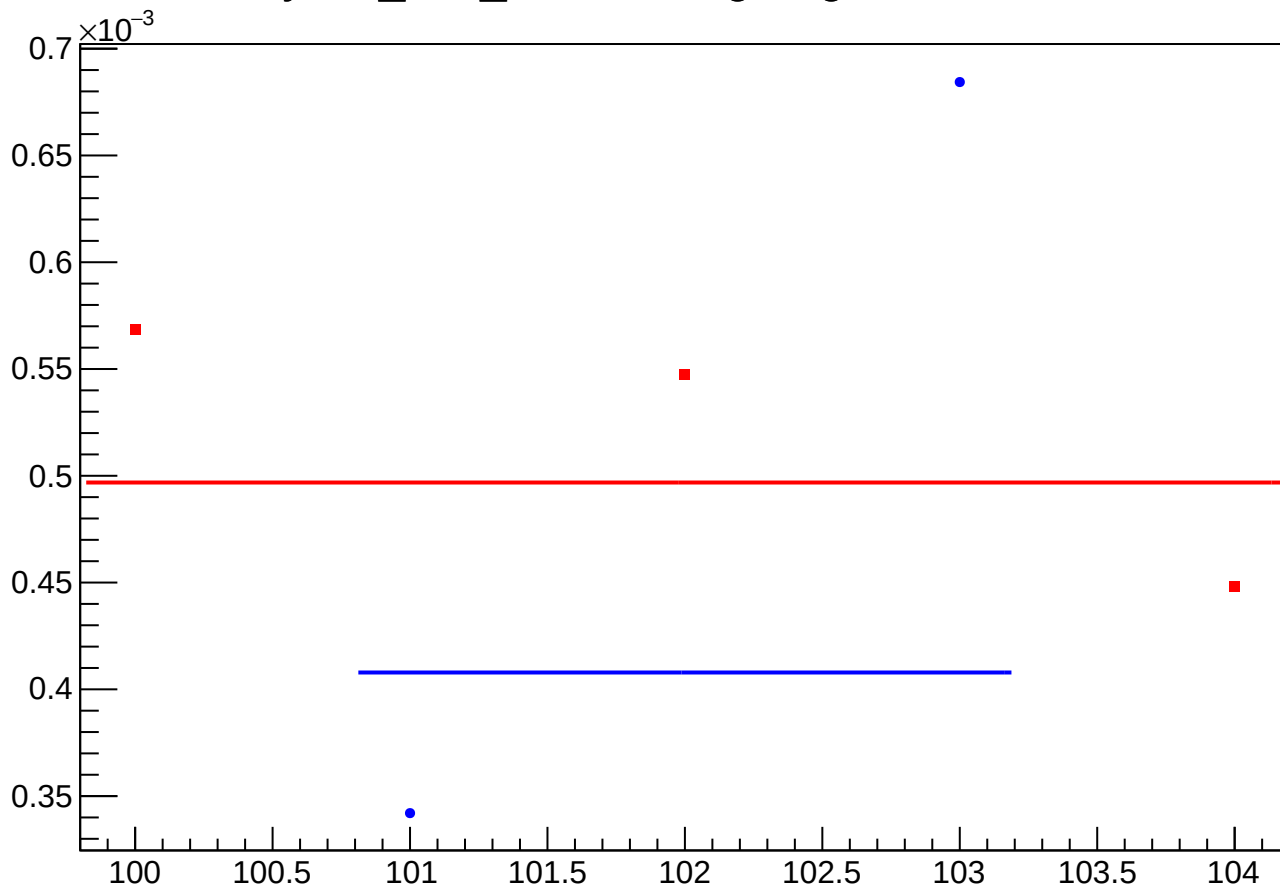
Right: 0.031+/-0.000 χ^2/NDF : 1315597124.7/4

In: 0.026+/-0.000 χ^2/NDF : 562951337.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 1315597124.7/4

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 : 21548.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

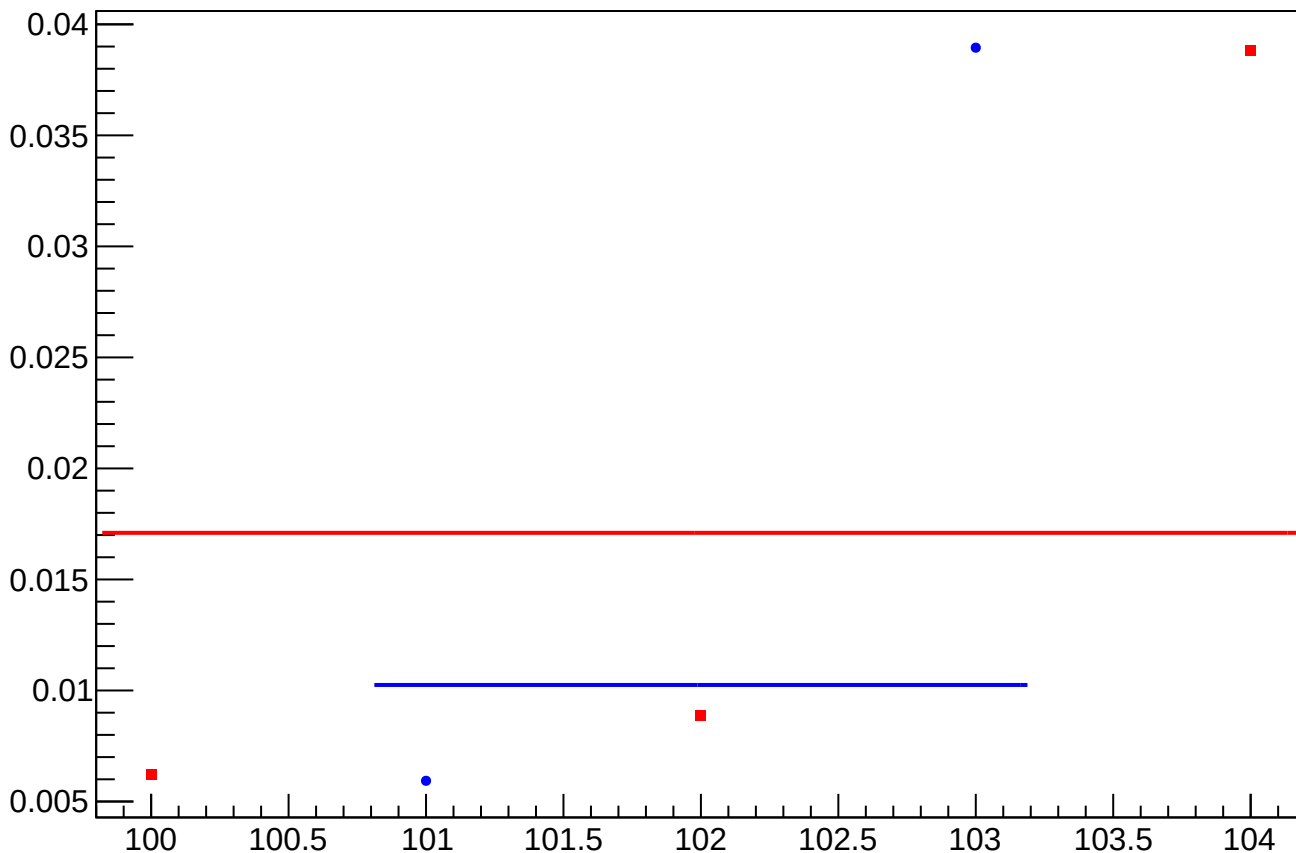
Right: 0.000+/-0.000 χ^2/NDF : 286866.3/4

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 : 286866.3/4

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: 0.013+/-0.000

χ^2/NDF : 37536130356.3/4

Right Out: 0.017+/-0.000

χ^2/NDF : 15506343713.6/2

In: 0.010+/-0.000

χ^2/NDF : 19487733520.0/1

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

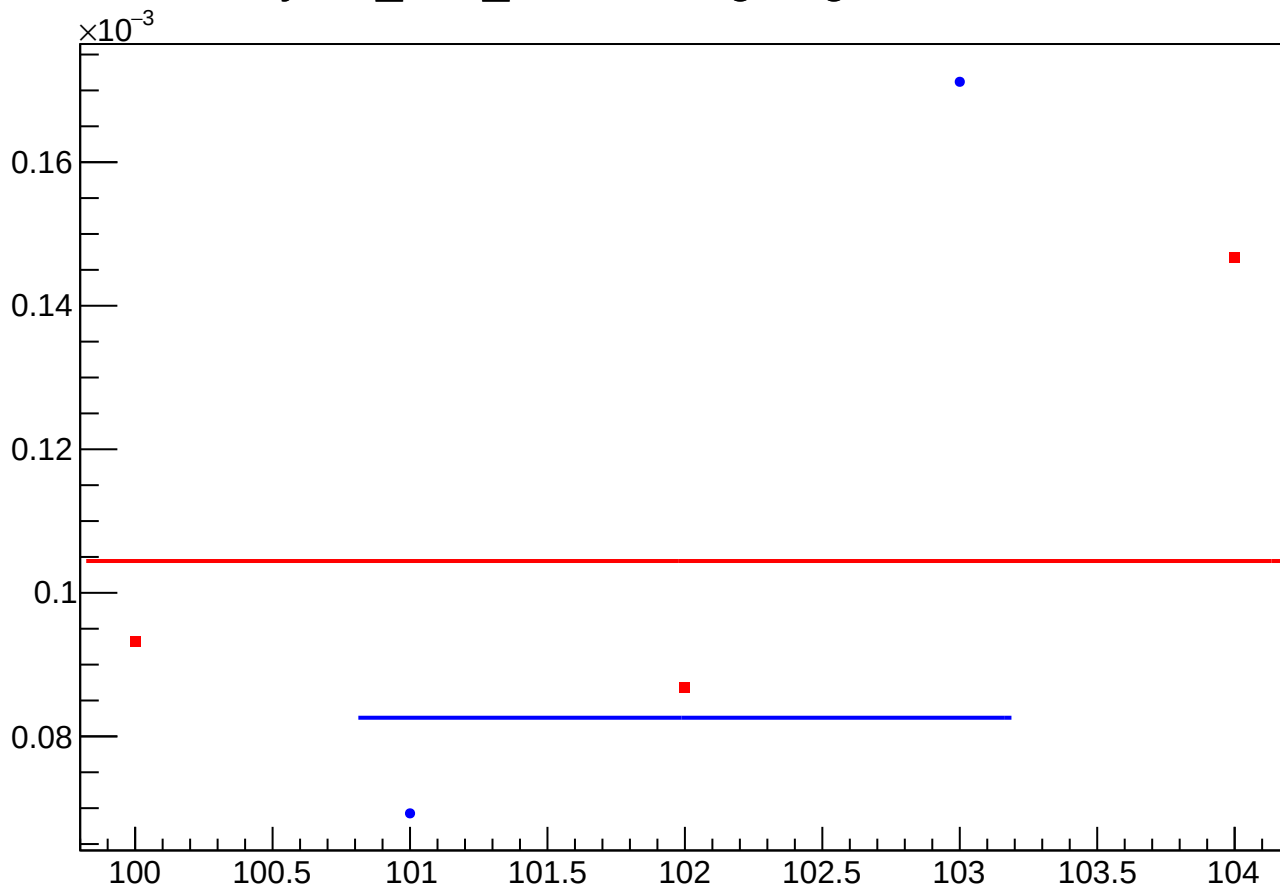
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.013+/-0.000

χ^2/NDF : 37536130356.3/4

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 : 117463.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

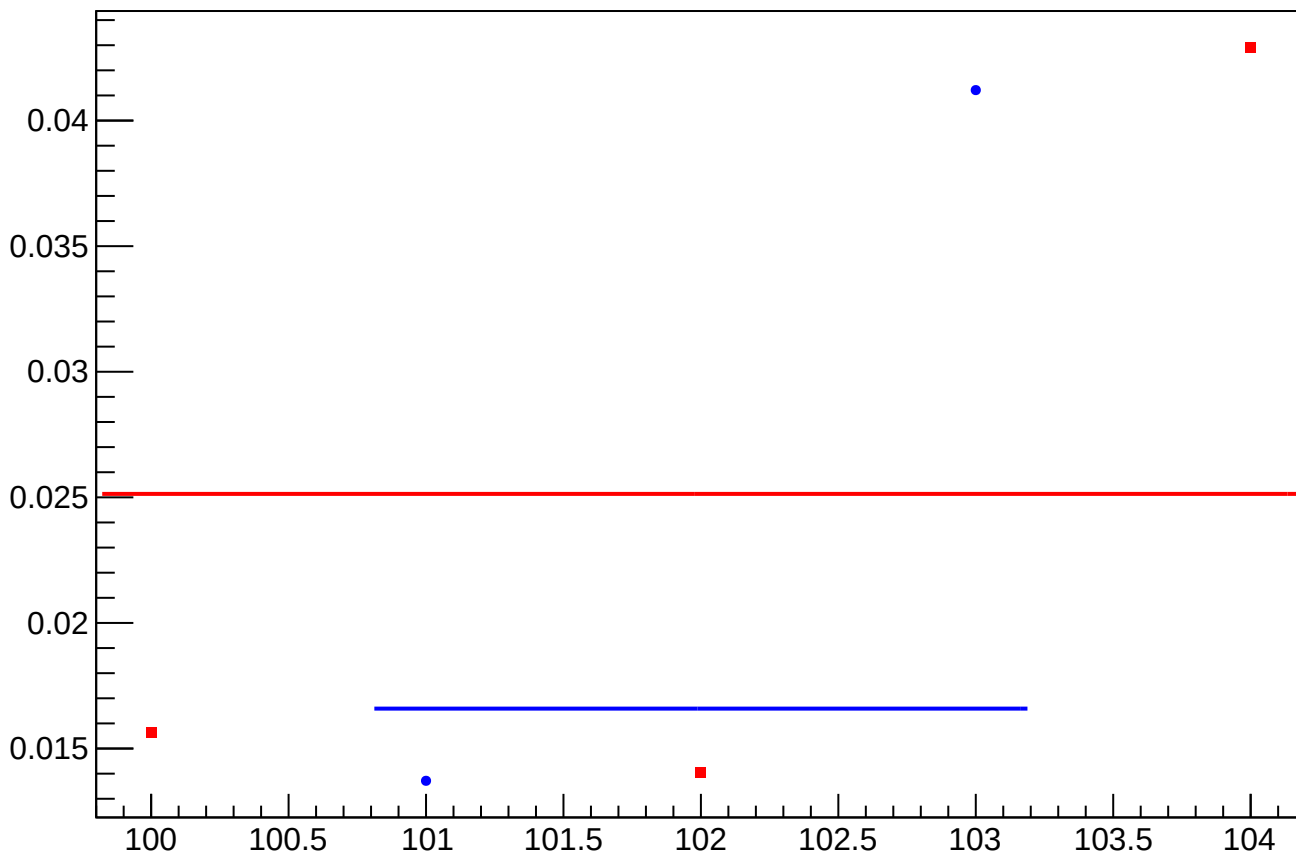
Right: 0.000+/-0.000 χ^2/NDF : 540569.6/4

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 : 540569.6/4

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.000

χ^2/NDF : 1325520106.8/1

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.020+/-0.000

χ^2/NDF : 3742462707.3/4

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000

χ^2/NDF : 1940920400.1/2

In: 0.017+/-0.000

χ^2/NDF : 1325520106.8/1

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

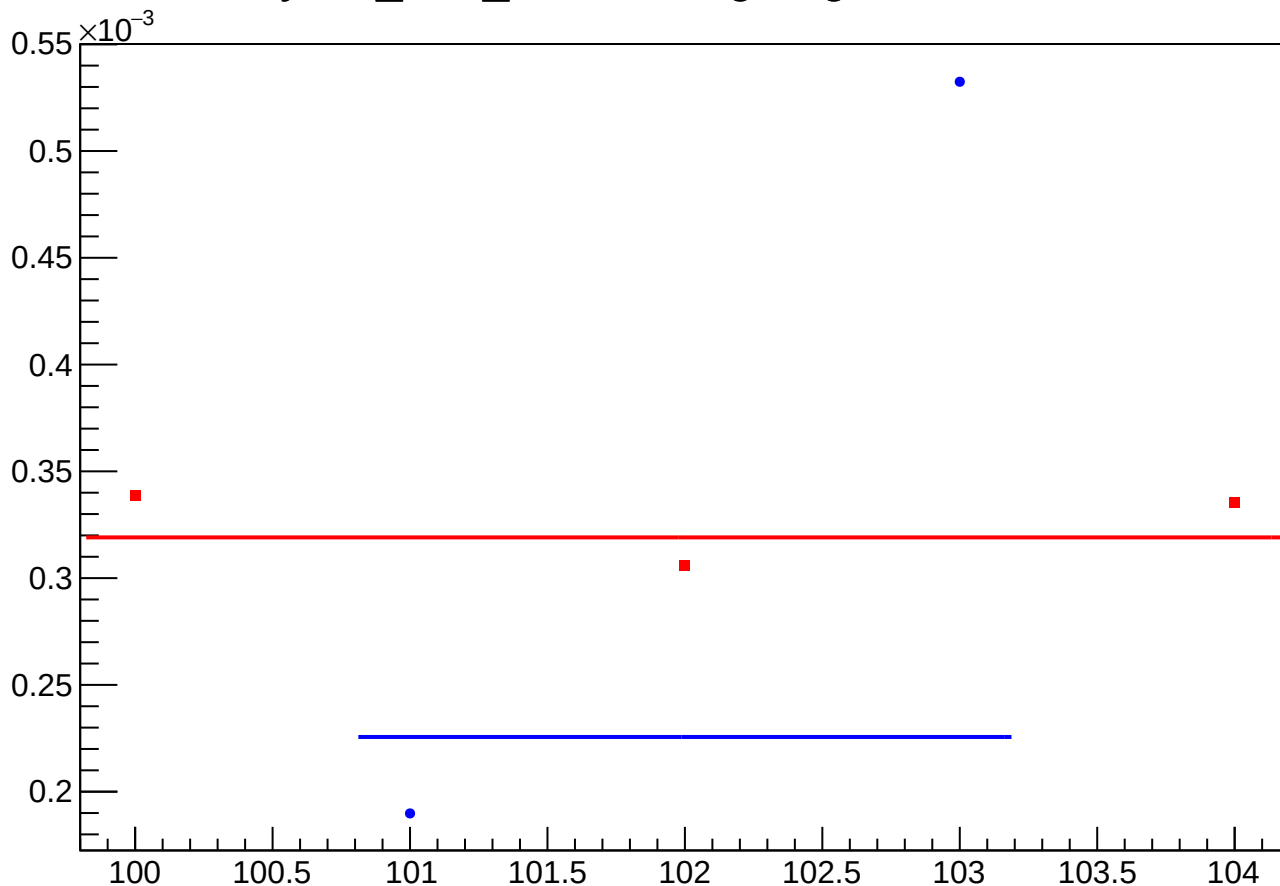
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.020+/-0.000

χ^2/NDF : 3742462707.3/4

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 : 4409.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

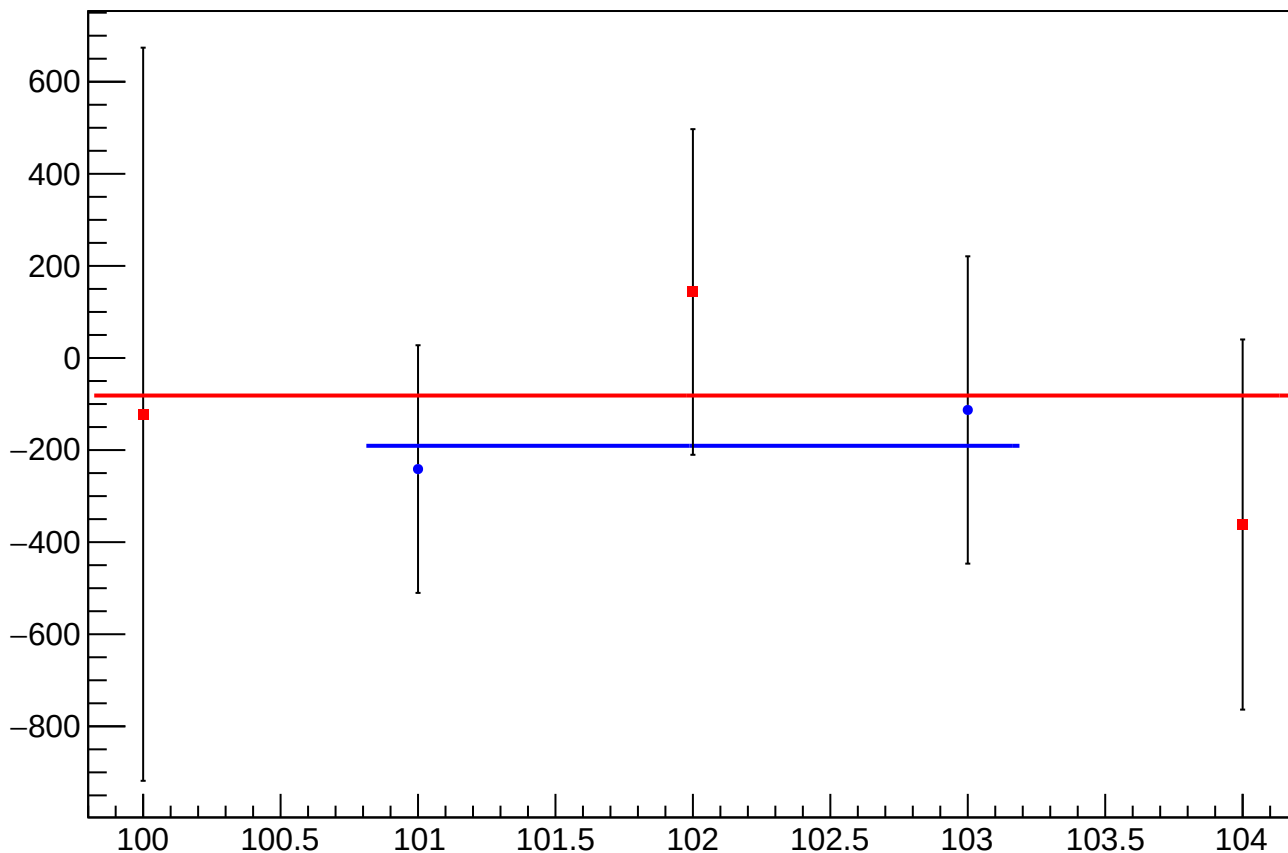
Right: 0.000+/-0.000 χ^2/NDF : 529783.3/4

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 : 529783.3/4

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: -81.530 $\pm$ 251.880 χ^2 /NDF: 0.9/2

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

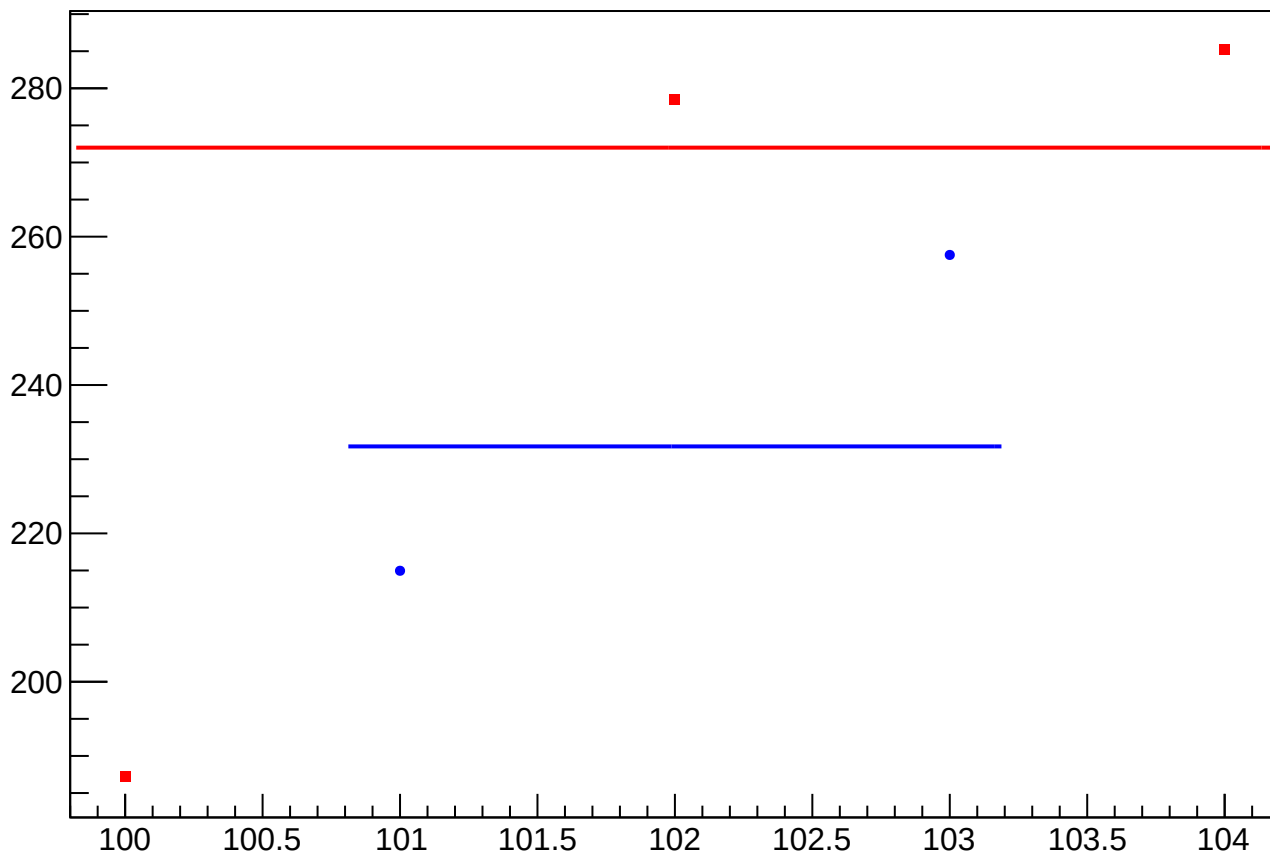
Right: -146.090 $\pm$ 161.031 χ^2 /NDF: 1.1/4

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: -146.090 $\pm$ 161.031 χ^2 /NDF: 1.1/4

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: 272.001+/-0.178 χ^2/NDF : 25517.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

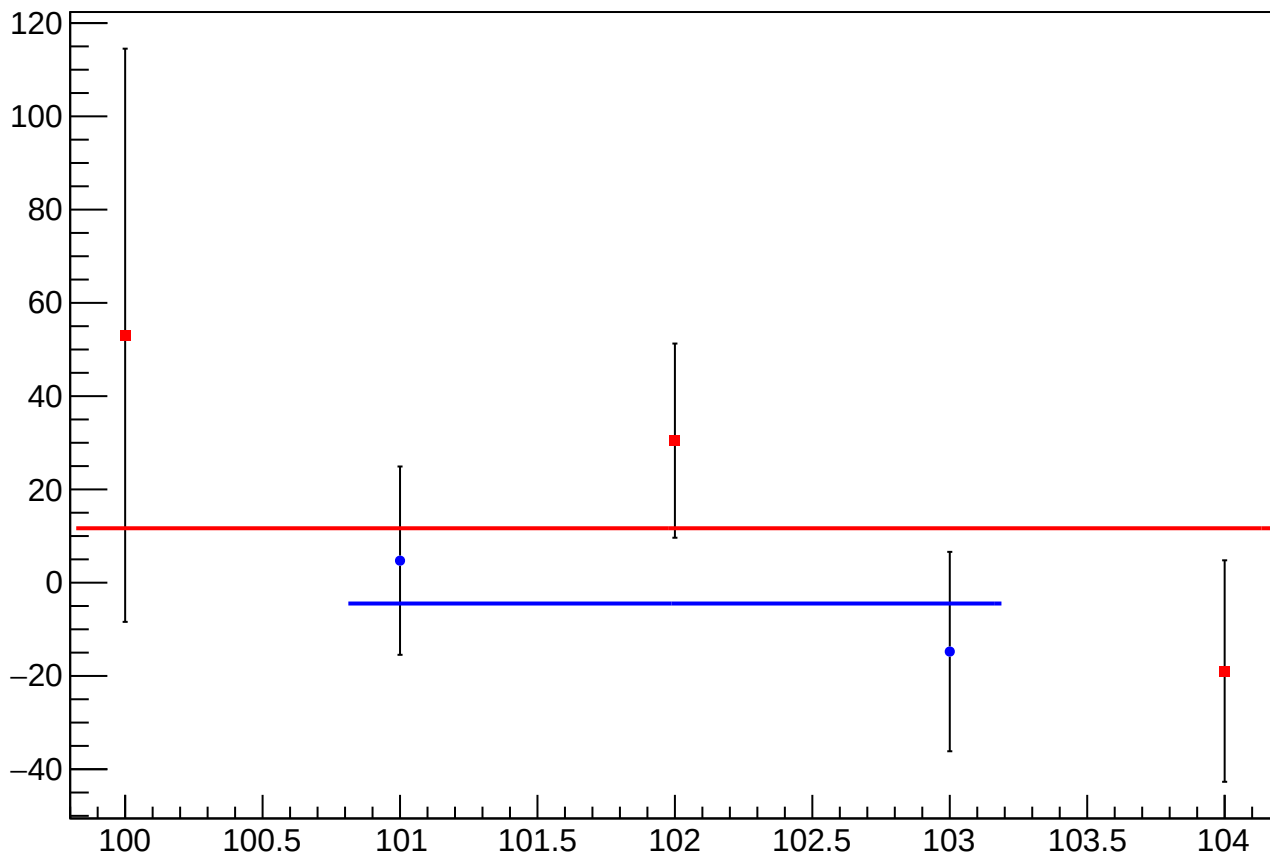
Right: 248.187+/-0.114 χ^2/NDF : 75485.6/4

In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.187+/-0.114 χ^2/NDF : 75485.6/4

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: 11.671+/-15.171 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

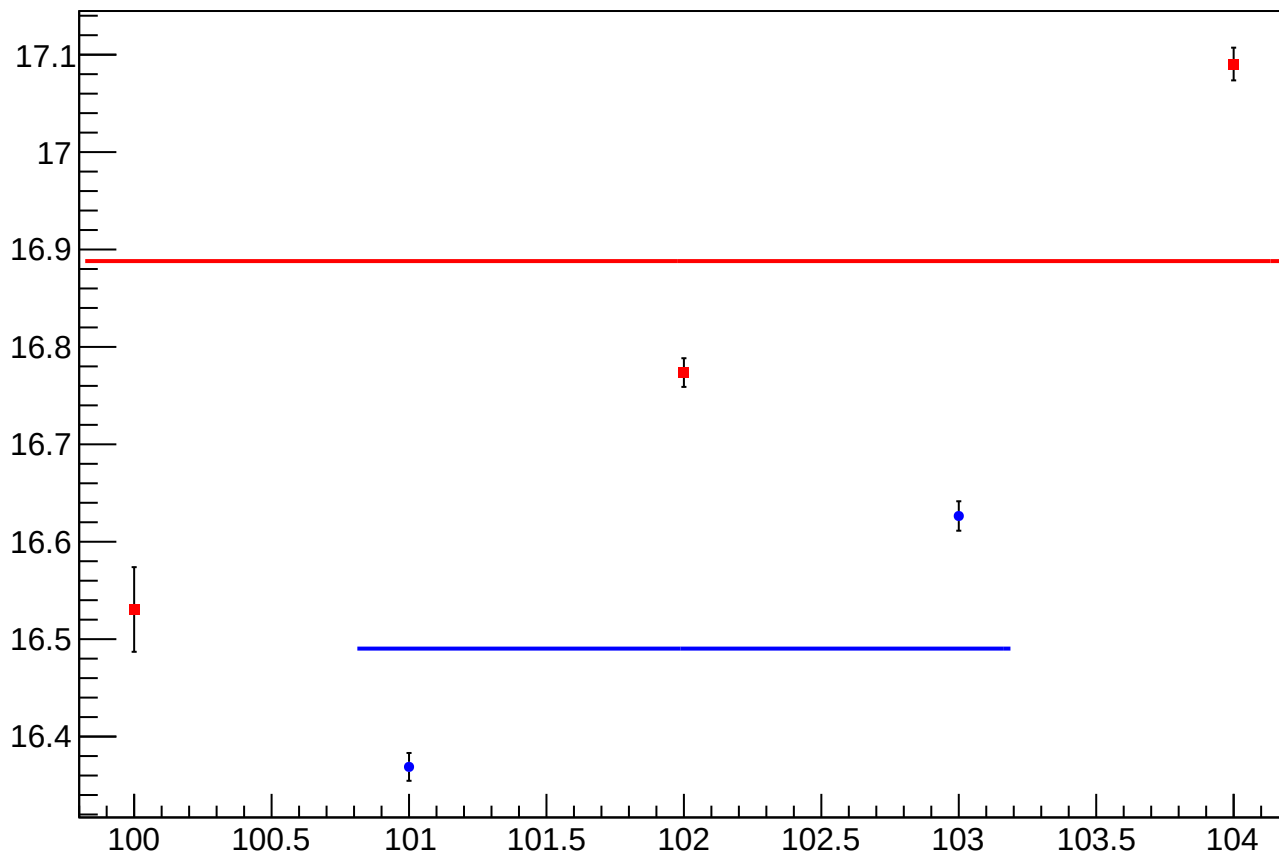
Right: 3.335+/-10.550 χ^2/NDF : 4.0/4

In: -4.469+/-14.680 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.335+/-10.550 χ^2/NDF : 4.0/4

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.490+/-0.010 χ^2/NDF : 153.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.888+/-0.011 χ^2/NDF : 273.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

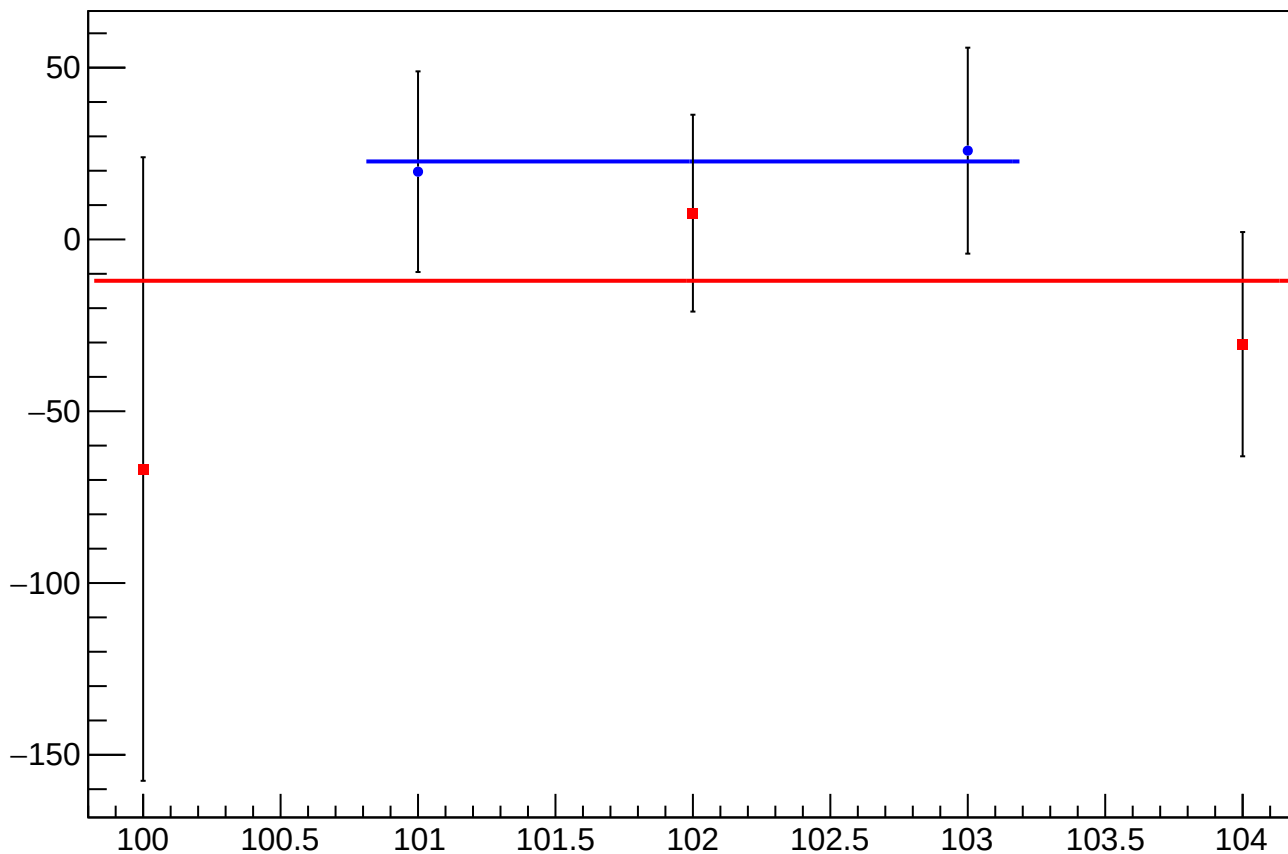
Right: 16.683+/-0.007 χ^2/NDF : 1136.9/4

In: 16.490+/-0.010 χ^2/NDF : 153.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.683+/-0.007 χ^2/NDF : 1136.9/4

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: -12.028+/-20.948 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

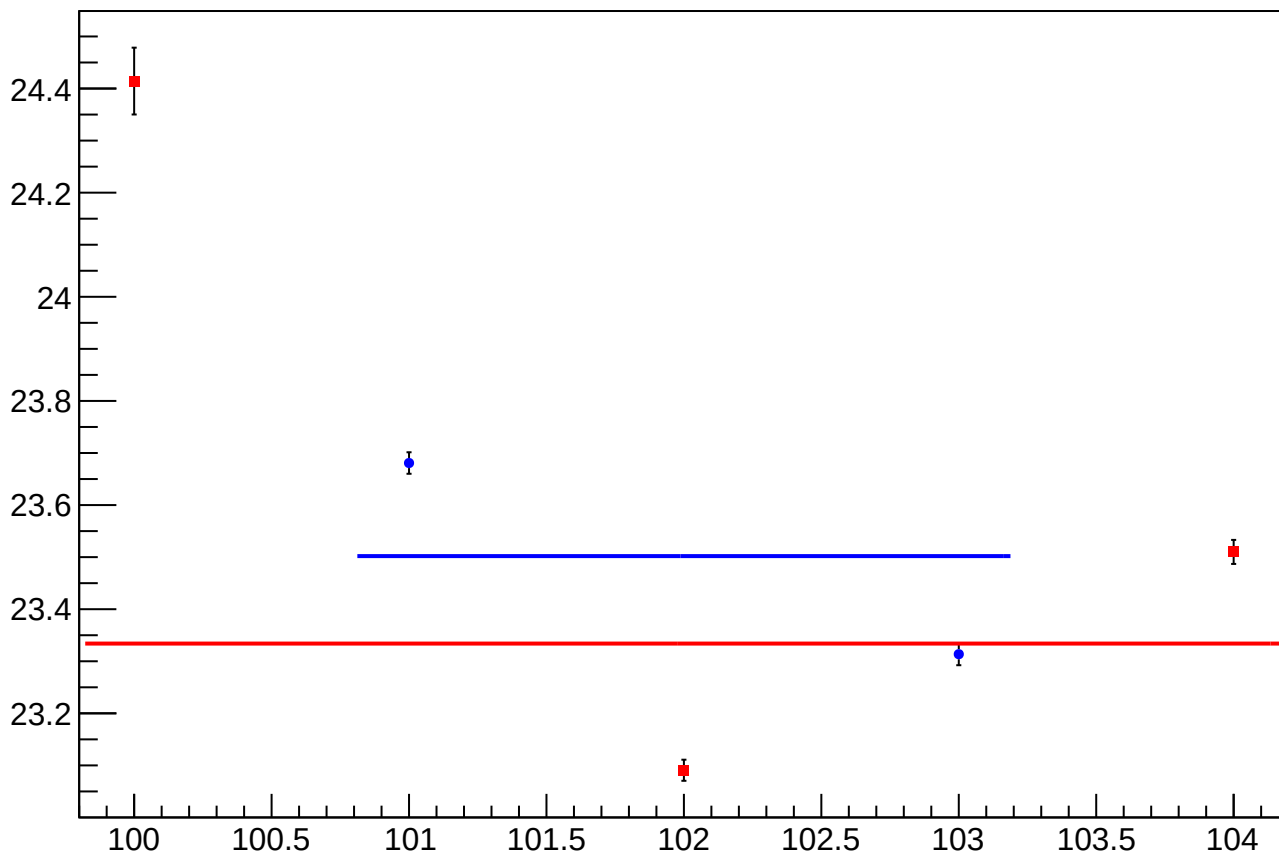
Right: 5.364+/-14.801 χ^2/NDF : 2.6/4

In: 22.703+/-20.916 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.364+/-14.801 χ^2/NDF : 2.6/4

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: 23.334 $\pm$ 0.015 χ^2 /NDF: 485.9/2

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

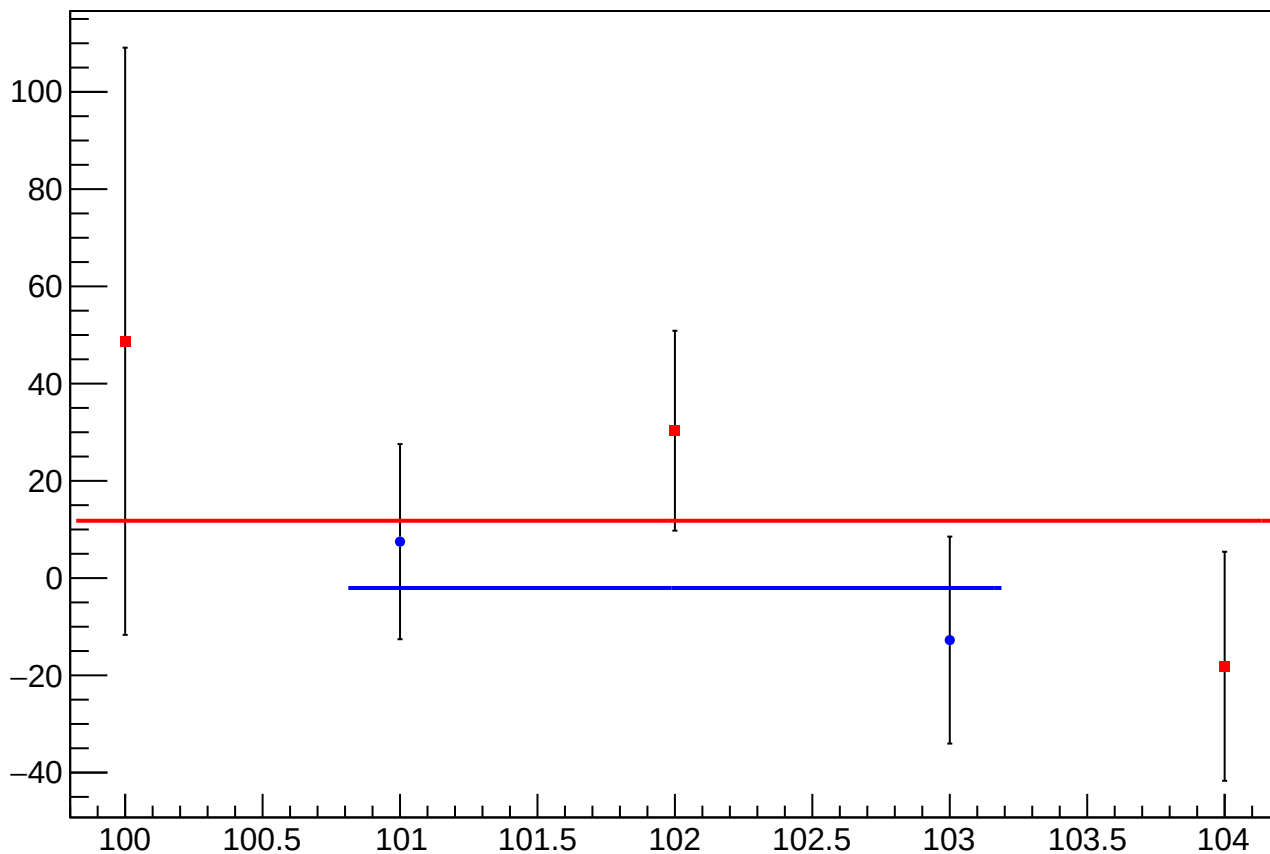
Right: 23.418 $\pm$ 0.010 χ^2 /NDF: 704.3/4

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: 23.418 $\pm$ 0.010 χ^2 /NDF: 704.3/4

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: 11.796+/-15.002 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

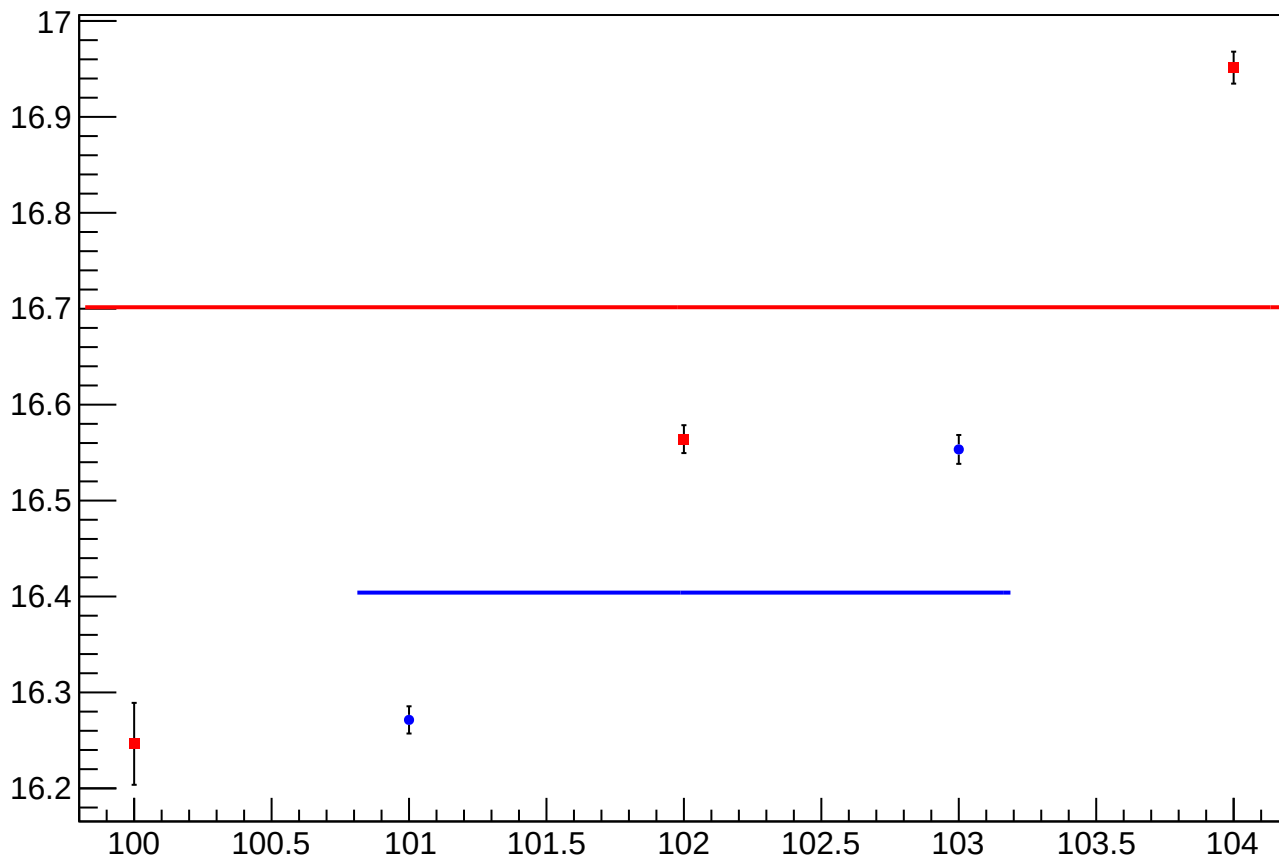
Right: 4.695+/-10.464 χ^2/NDF : 3.7/4

In: -2.032+/-14.602 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.695+/-10.464 χ^2/NDF : 3.7/4

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: 16.702 $\pm$ 0.011 χ^2 /NDF: 428.0/2

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

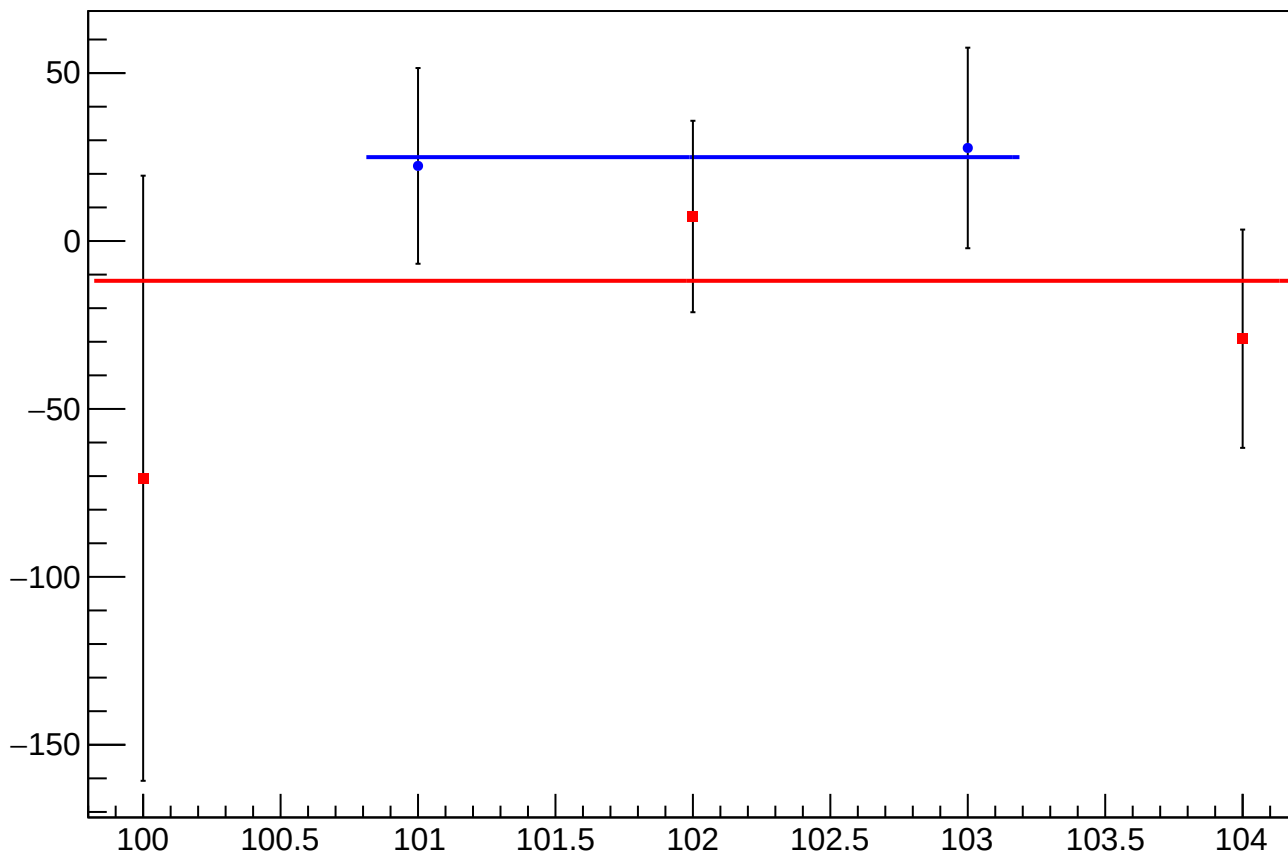
Right: 16.549 $\pm$ 0.007 χ^2 /NDF: 1017.7/4

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: 16.549 $\pm$ 0.007 χ^2 /NDF: 1017.7/4

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: -11.847+/-20.846 χ^2/NDF : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

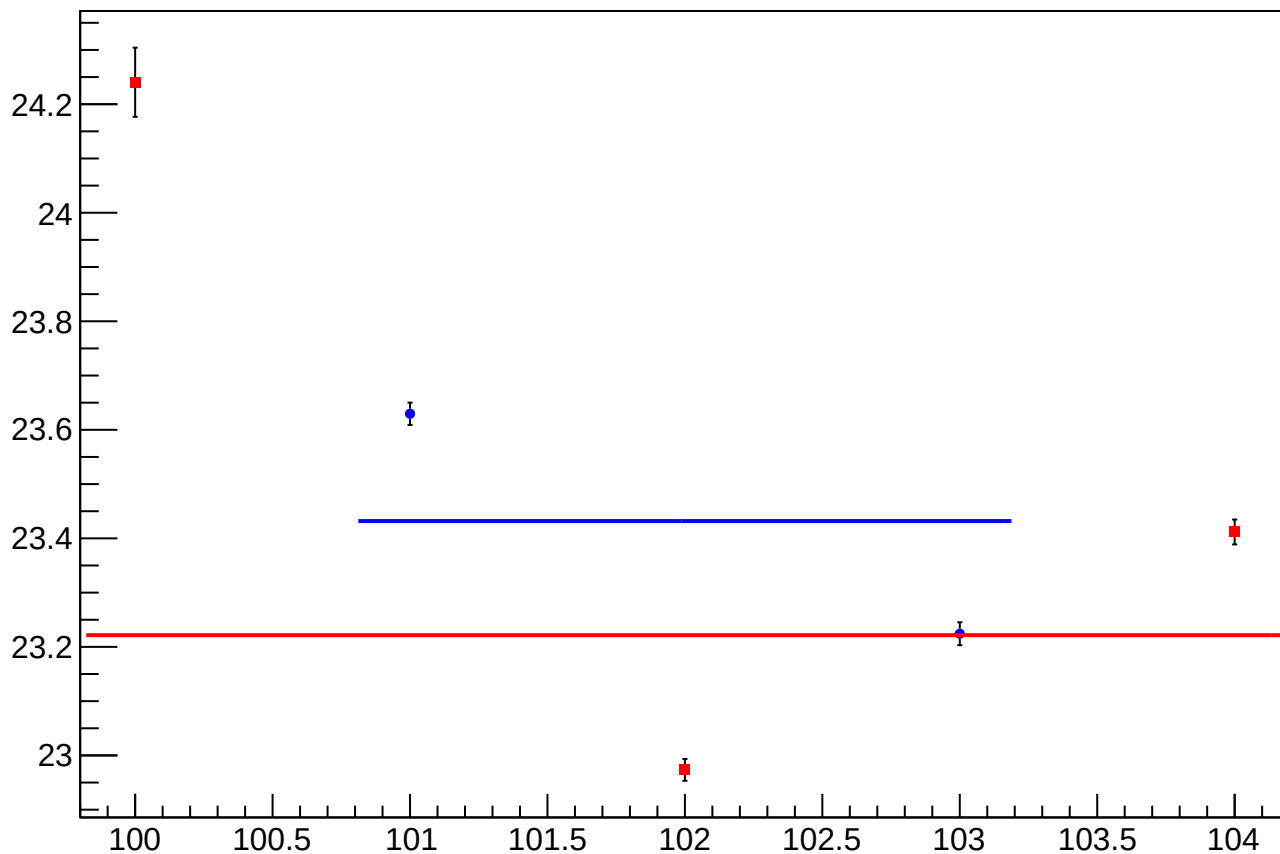
Right: 6.557+/-14.743 χ^2/NDF : 2.7/4

In: 24.975+/-20.854 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.557+/-14.743 χ^2/NDF : 2.7/4

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.432 $\pm$ 0.015 χ^2 /NDF: 188.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.222 $\pm$ 0.015 χ^2 /NDF: 476.0/2

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

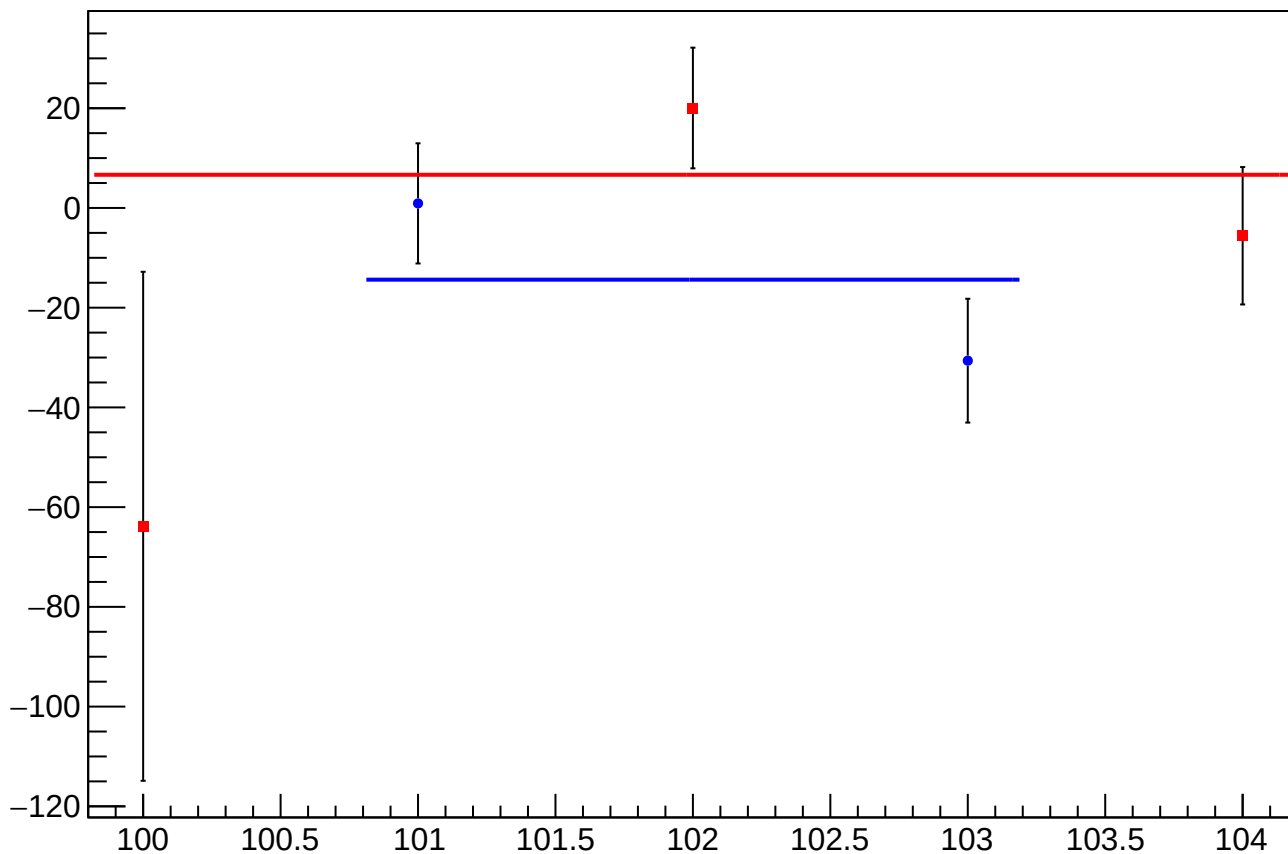
Right: 23.327 $\pm$ 0.010 χ^2 /NDF: 766.4/4

In: 23.432 $\pm$ 0.015 χ^2 /NDF:188.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.327 $\pm$ 0.010 χ^2 /NDF: 766.4/4

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.652+/-8.951 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

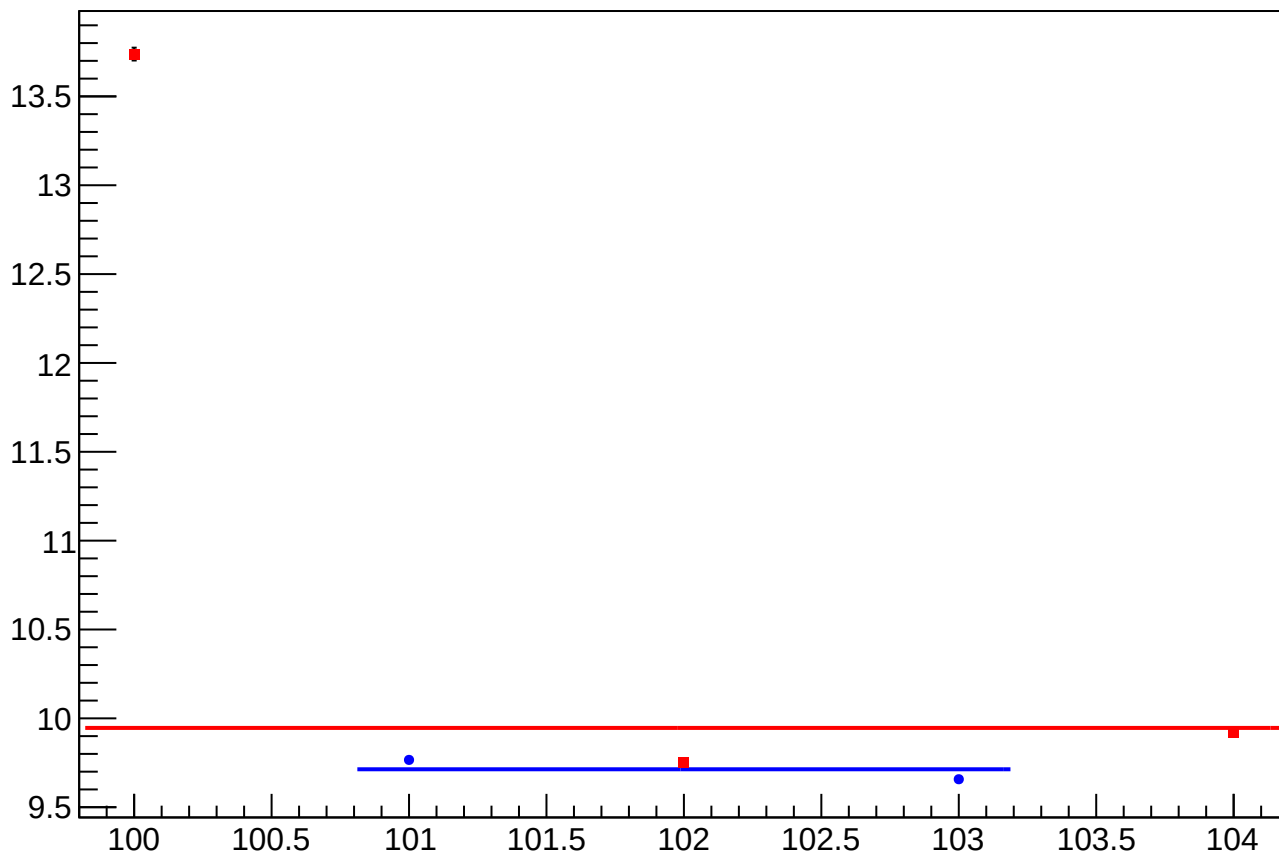
Right: -4.229+/-6.219 χ^2/NDF : 10.1/4

In: -14.383+/-8.647 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.229+/-6.219 χ^2/NDF : 10.1/4

asym_bcm_an_us_bcm_an_ds_agg_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: 9.946+/-0.006 χ^2/NDF : 11556.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

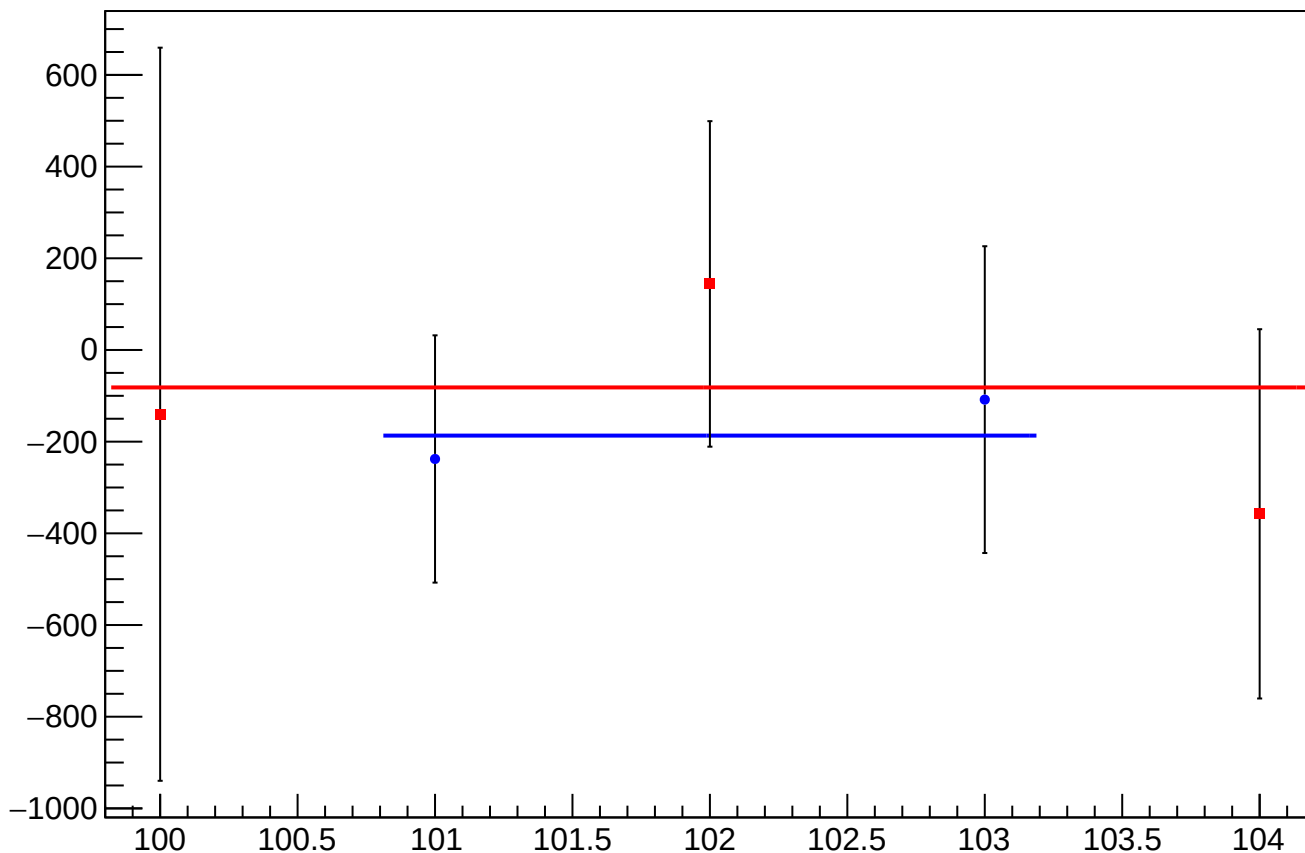
Right: 9.826+/-0.004 χ^2/NDF : 12335.4/4

In: 9.713+/-0.006 χ^2/NDF : 79.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.826+/-0.004 χ^2/NDF : 12335.4/4

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -186.789+/-209.988 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.713+/-252.700 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

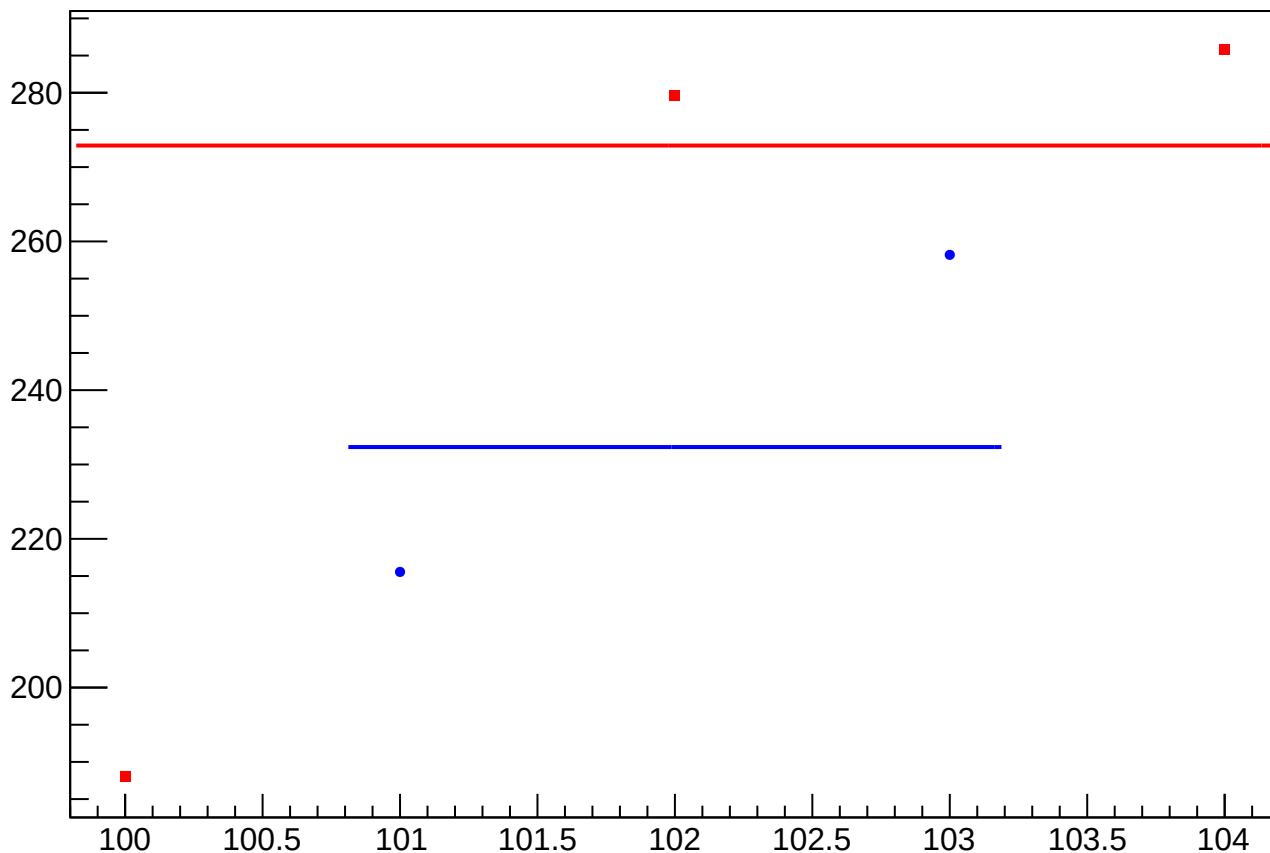
Right: -143.869+/-161.504 χ^2/NDF : 1.1/4

In: -186.789+/-209.988 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -143.869+/-161.504 χ^2/NDF : 1.1/4

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 232.347+/-0.148 χ^2/NDF : 19693.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.898+/-0.179 χ^2/NDF : 25293.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

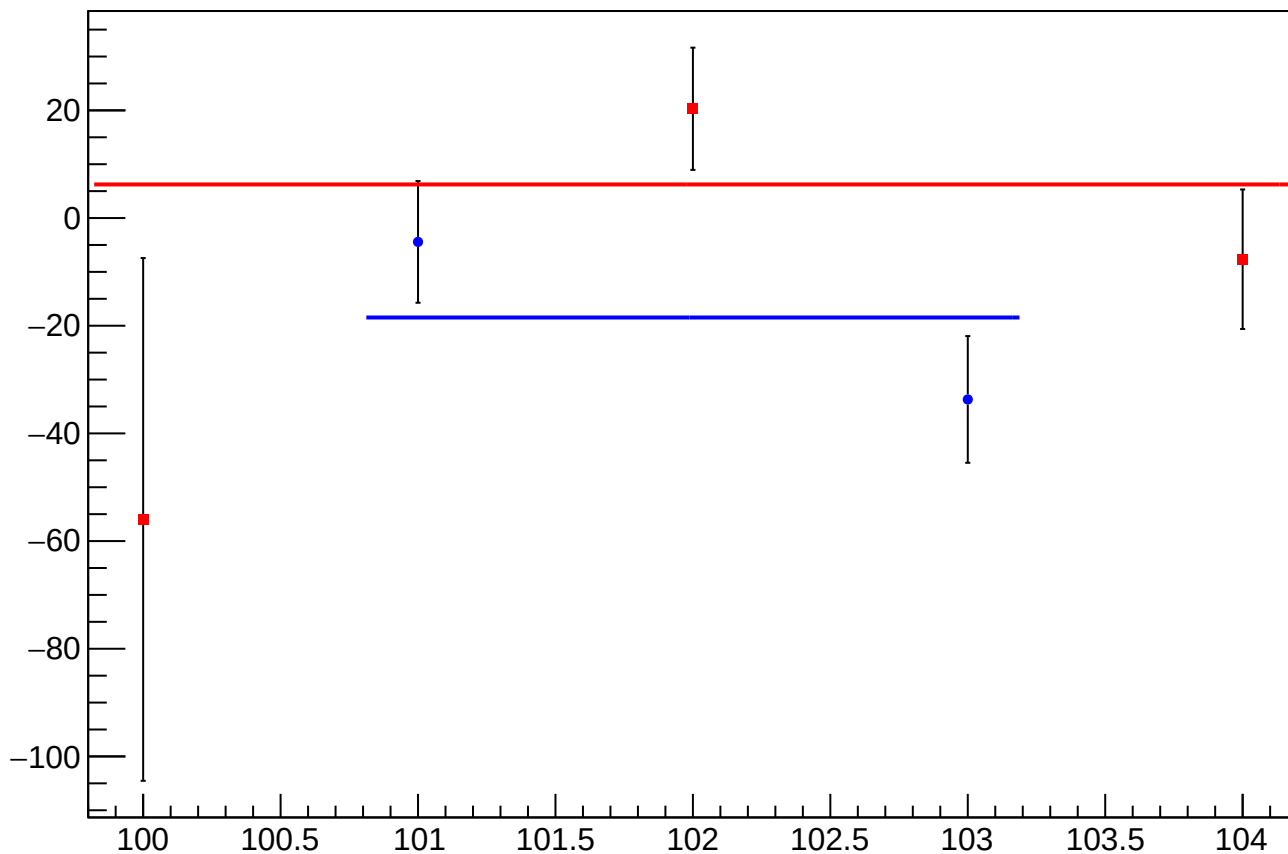
Right: 248.911+/-0.114 χ^2/NDF : 75453.2/4

In: 232.347+/-0.148 χ^2/NDF : 19693.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.911+/-0.114 χ^2/NDF : 75453.2/4

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.240 $\pm$ 8.408 χ^2 /NDF: 4.3/2

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

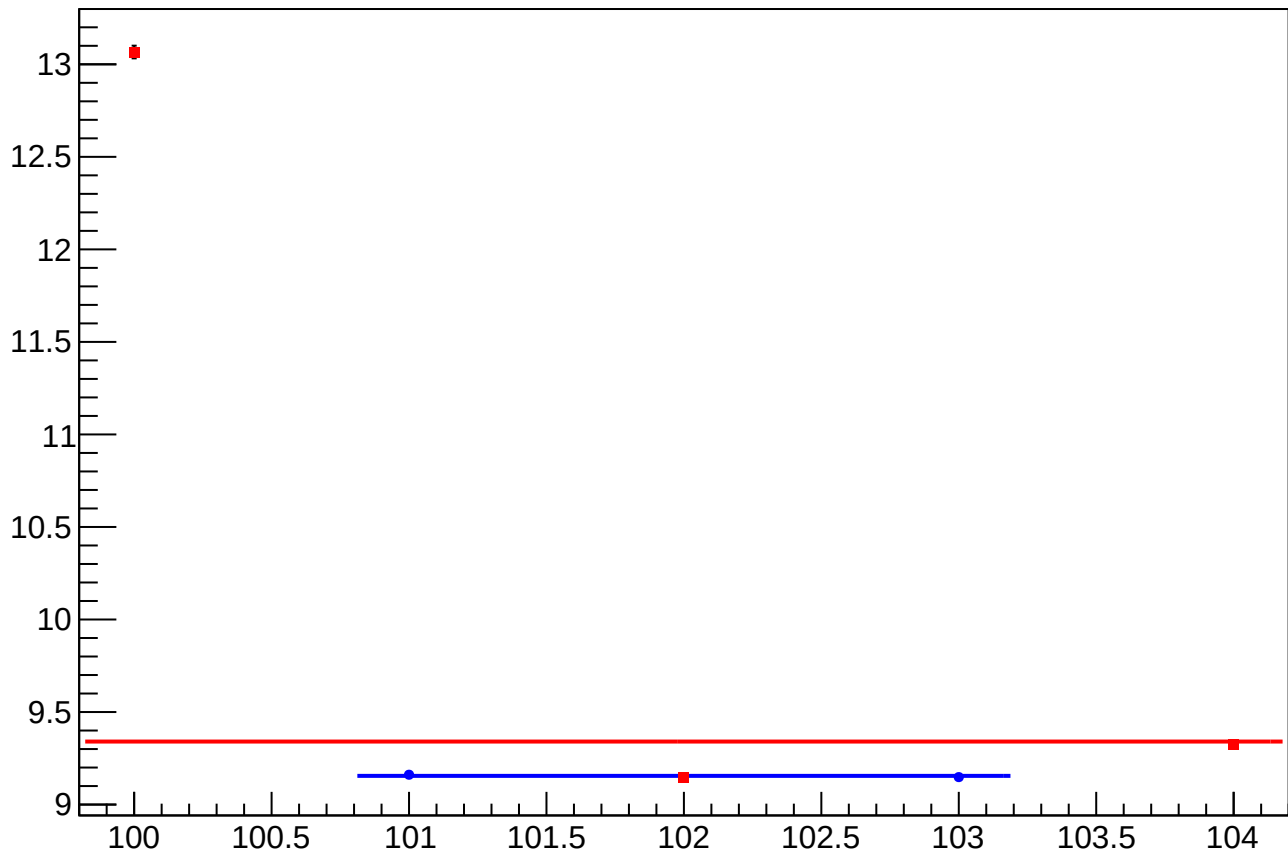
Right: -6.498 $\pm$ 5.853 χ^2 /NDF: 12.0/4

In: -18.472 $\pm$ 8.152 χ^2 /NDF: 3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.498 $\pm$ 5.853 χ^2 /NDF: 12.0/4

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: 9.340+/-0.006 χ^2/NDF : 12361.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

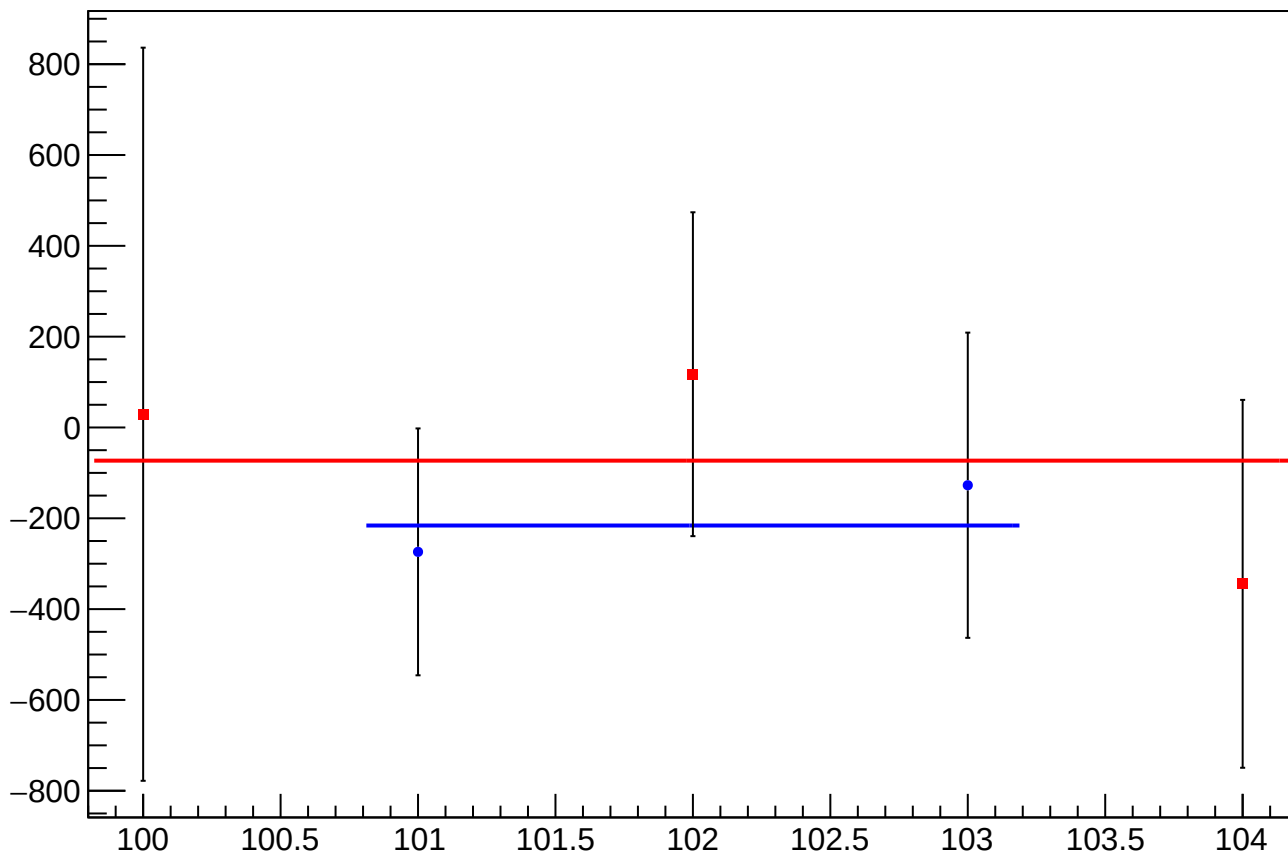
Right: 9.245+/-0.004 χ^2/NDF : 12864.7/4

In: 9.155+/-0.006 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.245+/-0.004 χ^2/NDF : 12864.7/4

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: -73.032 $\pm$ 254.055 χ^2 /NDF: 0.7/2

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

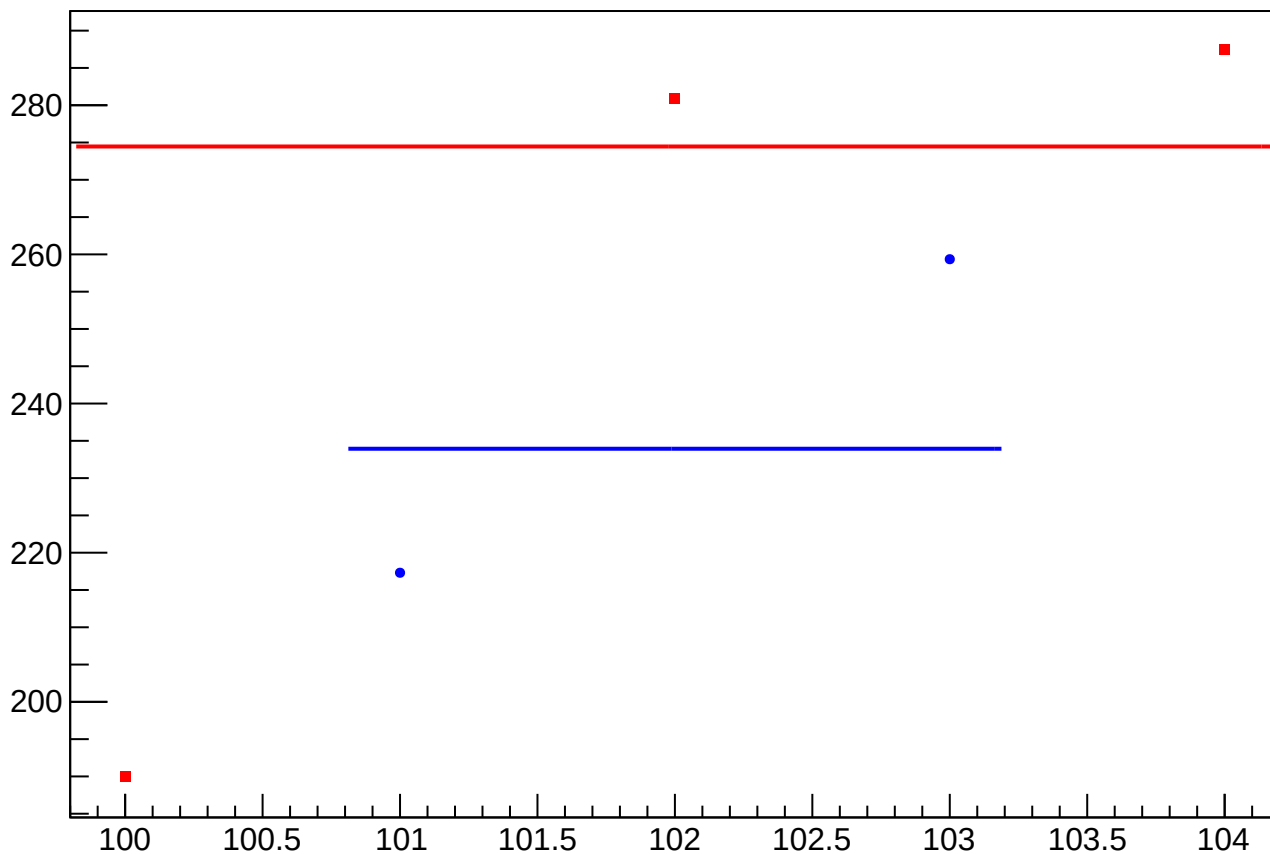
Right: -157.461 $\pm$ 162.476 χ^2 /NDF: 1.1/4

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: -157.461 $\pm$ 162.476 χ^2 /NDF: 1.1/4

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.467+/-0.180 χ^2/NDF : 24608.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

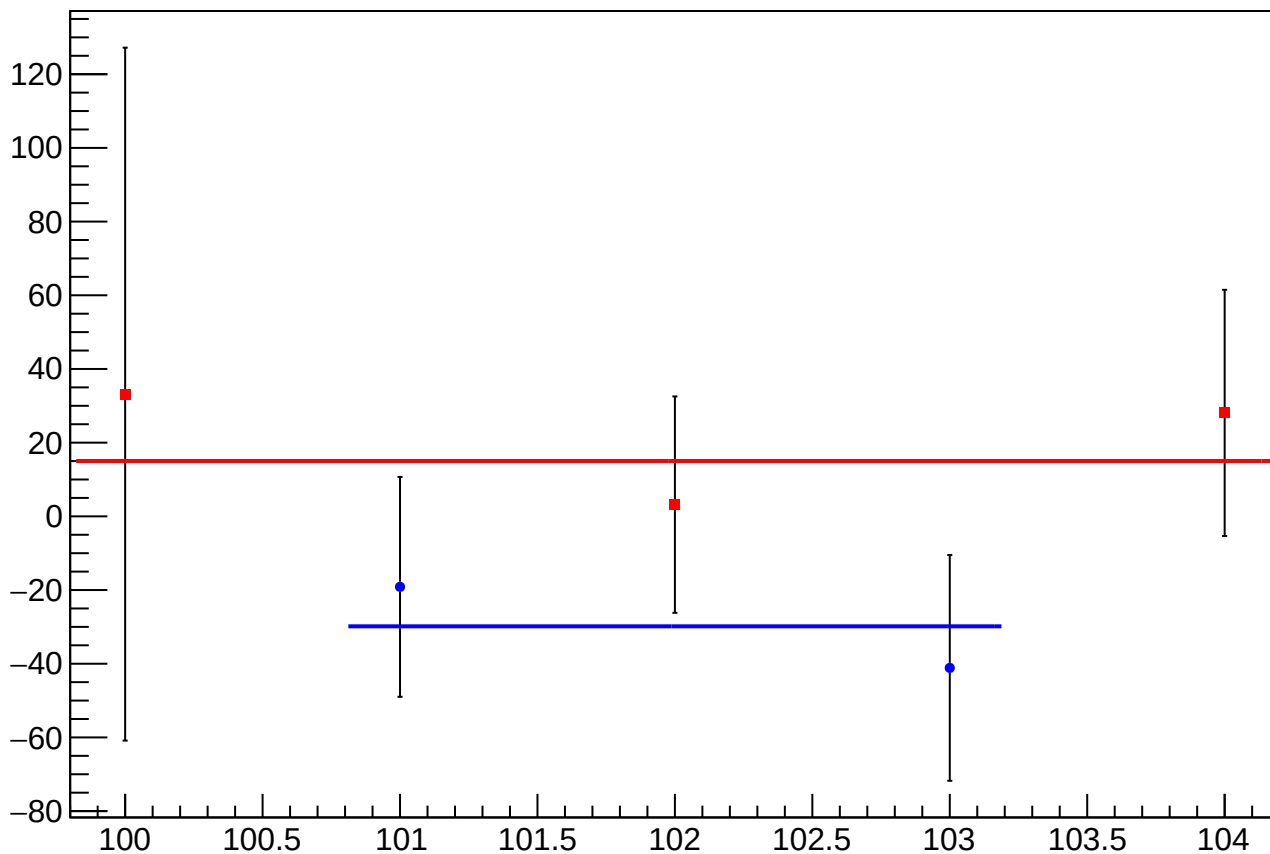
Right: 250.515+/-0.115 χ^2/NDF : 73609.1/4

In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.515+/-0.115 χ^2/NDF : 73609.1/4

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: 15.026 $\pm$ 21.475 χ^2 /NDF: 0.4/2

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

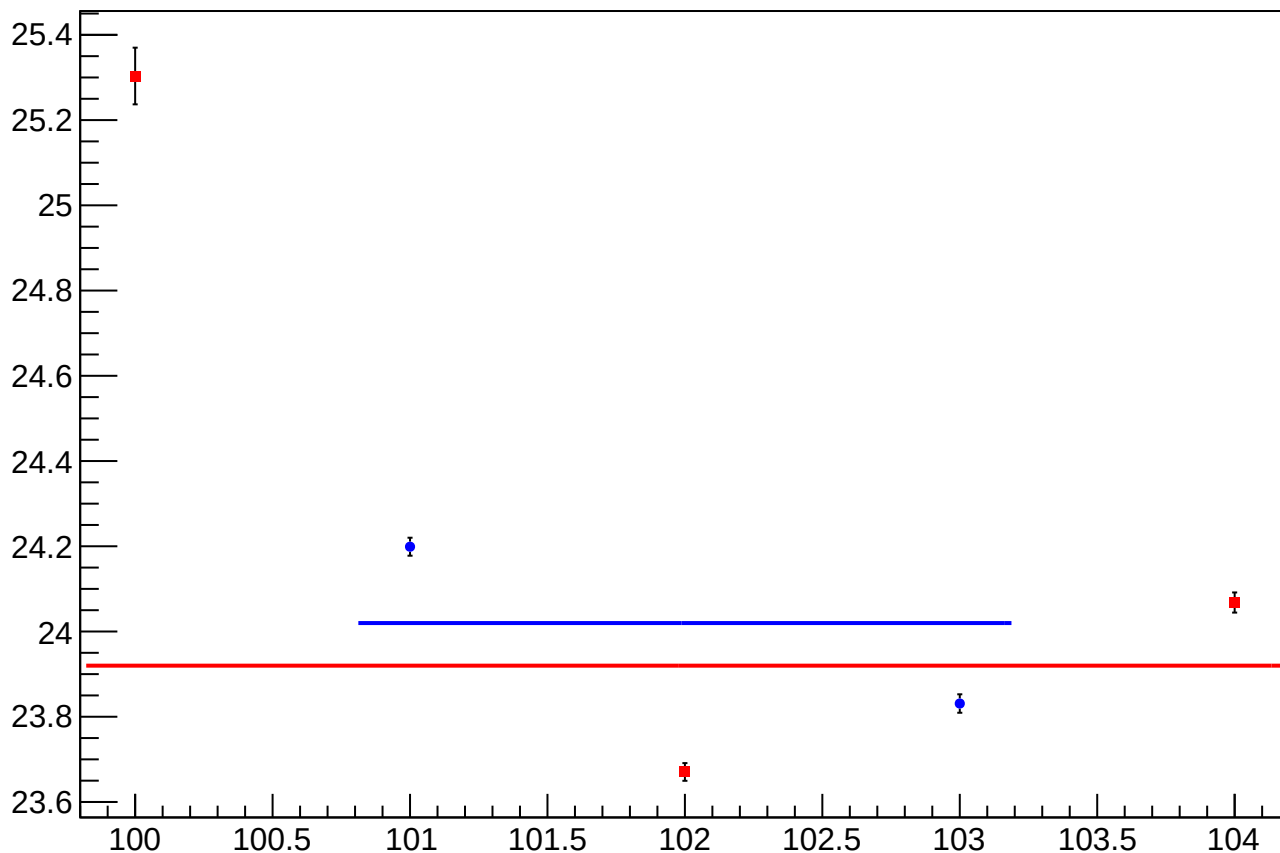
Right: -7.514 $\pm$ 15.150 χ^2 /NDF: 2.8/4

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: -7.514 $\pm$ 15.150 χ^2 /NDF: 2.8/4

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.020+/-0.015 χ^2/NDF : 148.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.920+/-0.015 χ^2/NDF : 616.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

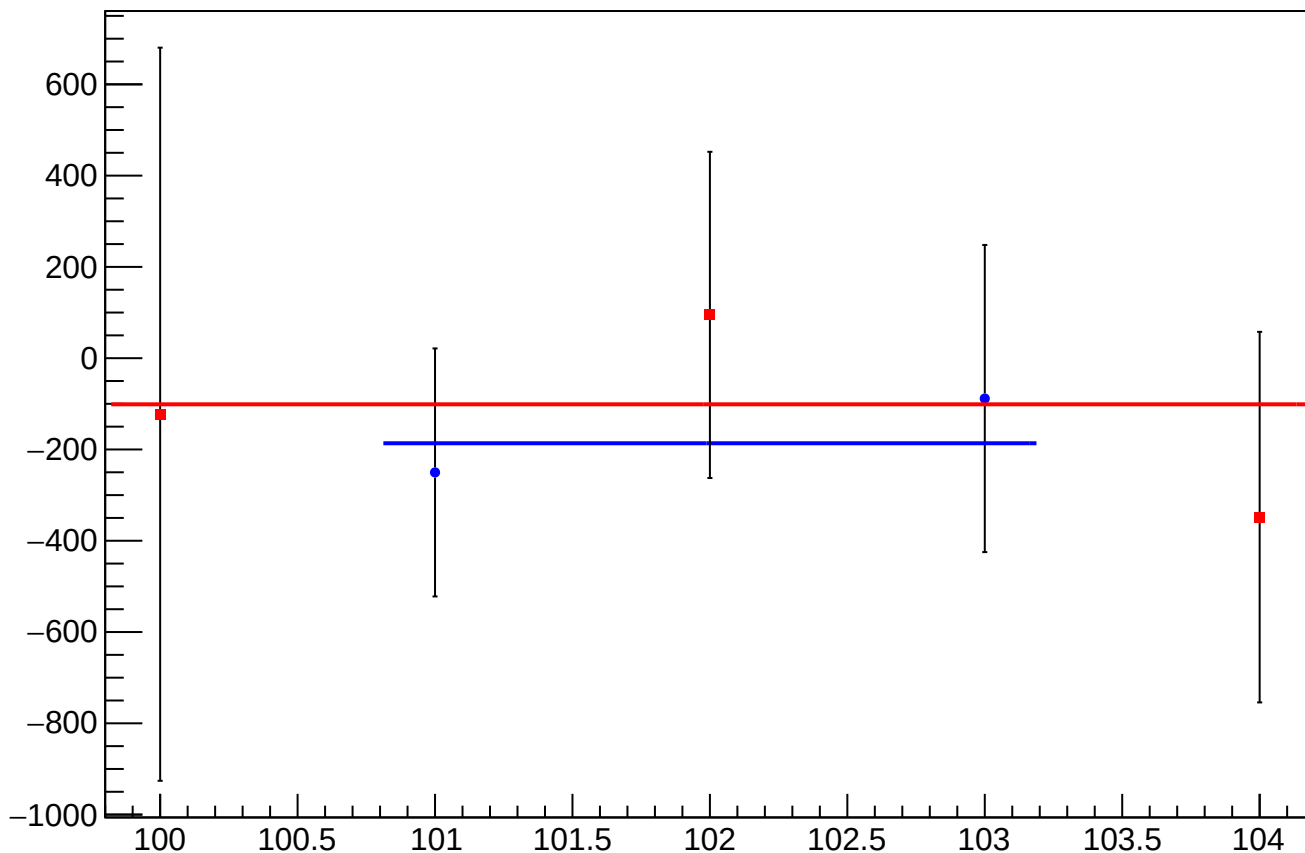
Right: 23.970+/-0.011 χ^2/NDF : 786.4/4

In: 24.020+/-0.015 χ^2/NDF : 148.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.970+/-0.011 χ^2/NDF : 786.4/4

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: -101.068+/-254.431 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

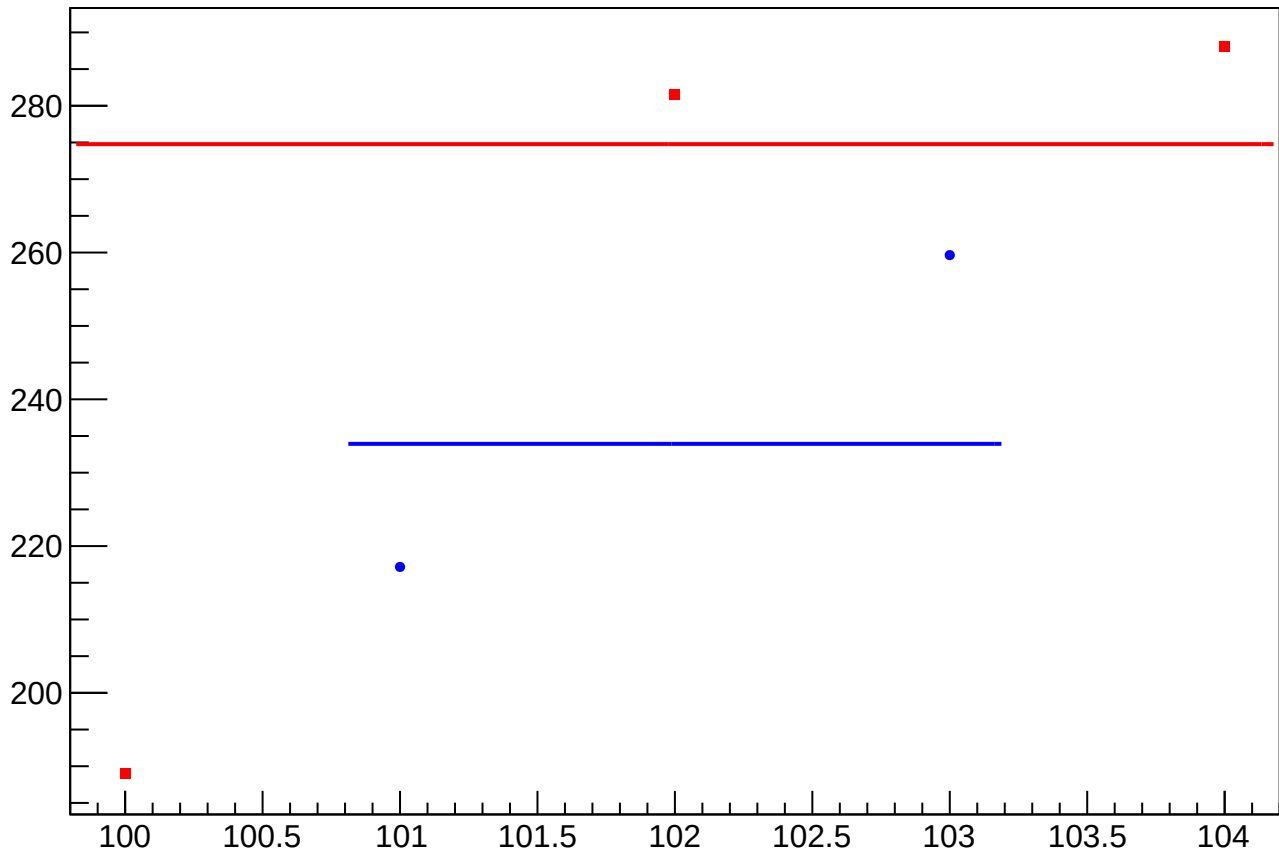
Right: -151.544+/-162.597 χ^2/NDF : 0.9/4

In: -186.390+/-211.397 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -151.544+/-162.597 χ^2/NDF : 0.9/4

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: 274.774 $\pm$ 0.180 χ^2 /NDF: 25655.4/2

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

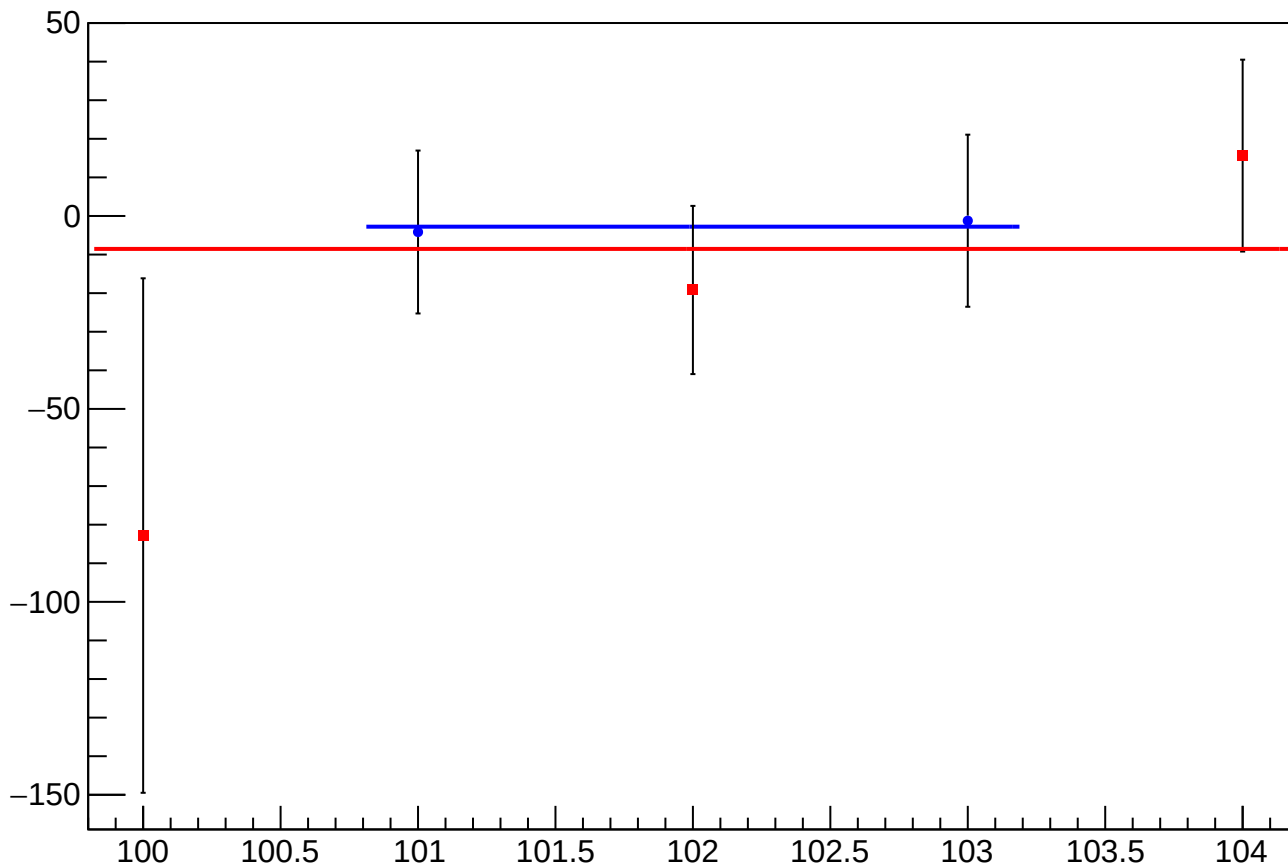
Right: 250.612 $\pm$ 0.115 χ^2 /NDF: 75449.3/4

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: 250.612 $\pm$ 0.115 χ^2 /NDF: 75449.3/4

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: -8.536+/-15.915 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

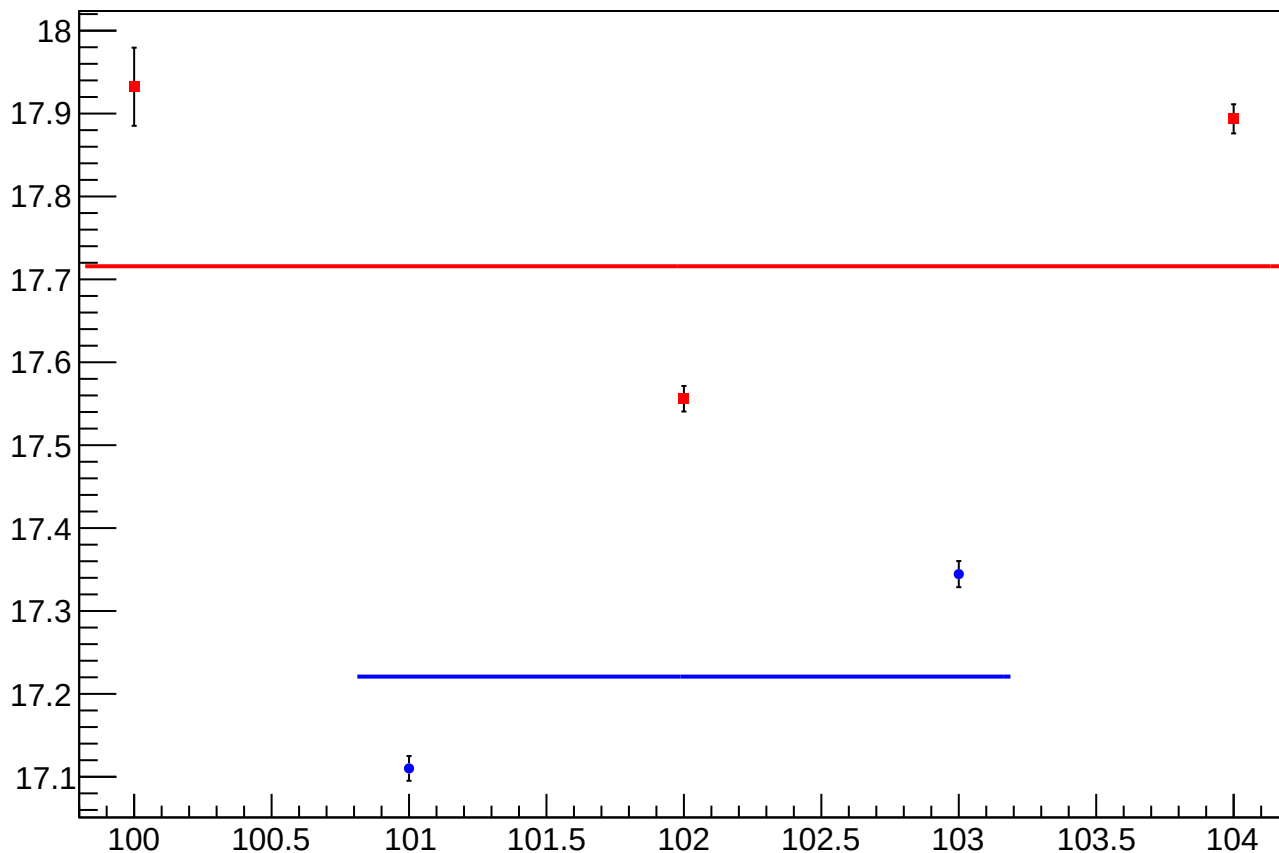
Right: -5.546+/-11.041 χ^2/NDF : 2.5/4

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.546+/-11.041 χ^2/NDF : 2.5/4

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: 17.716+/-0.011 χ^2 /NDF: 230.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

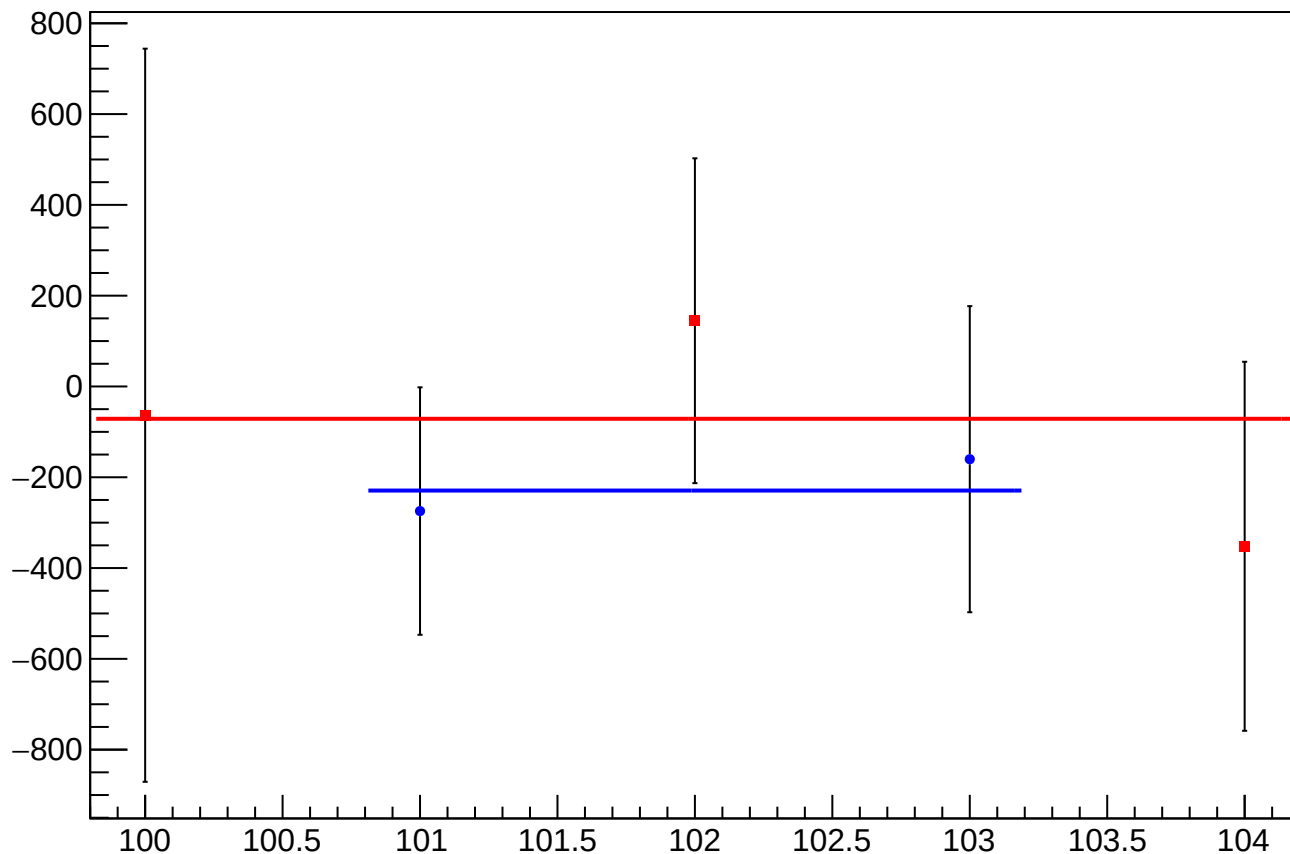
Right: 17.459+/-0.008 χ^2 /NDF: 1351.0/4

In: 17.221+/-0.011 χ^2 /NDF:116.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.459+/-0.008 χ^2 /NDF: 1351.0/4

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: -71.223 $\pm$ 254.827 χ^2 /NDF: 0.8/2

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

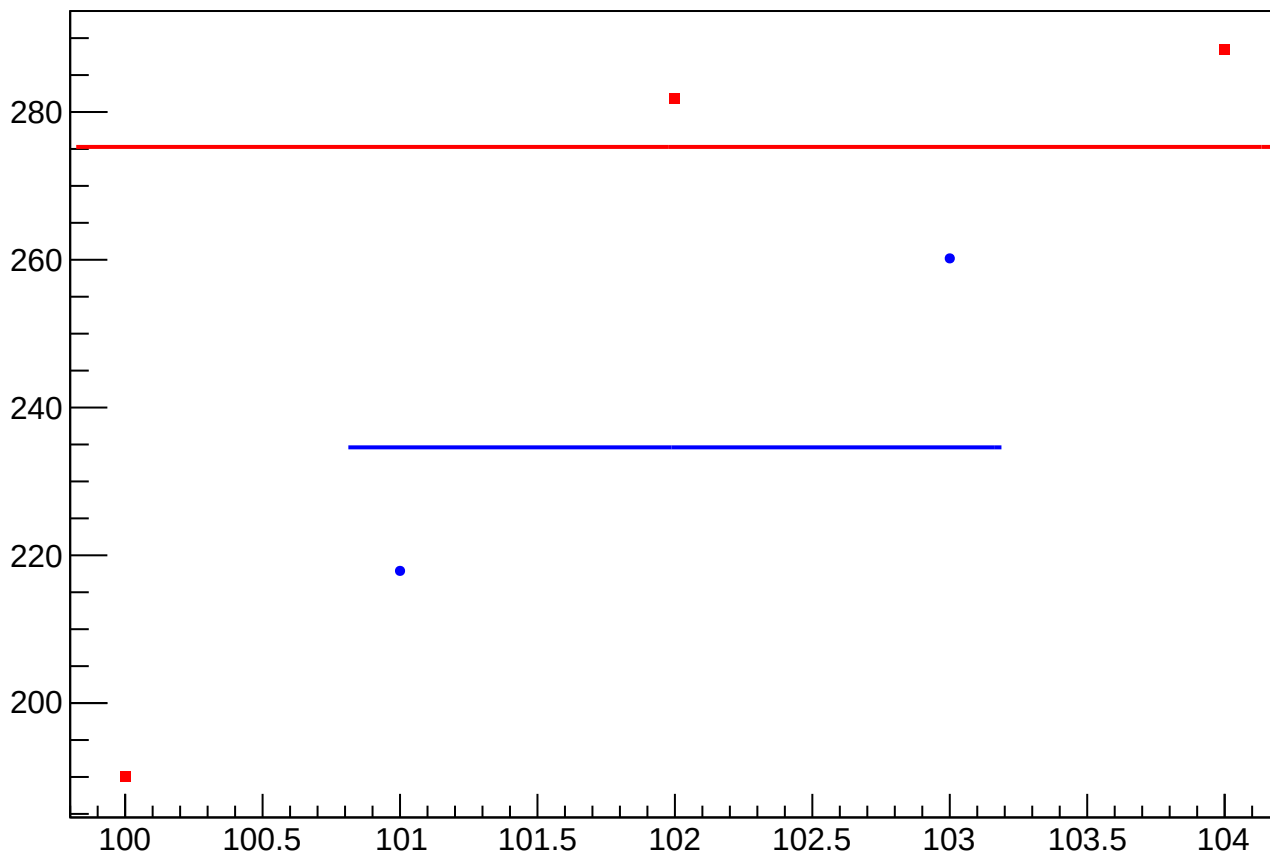
Right: -164.647 $\pm$ 162.961 χ^2 /NDF: 1.1/4

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: -164.647 $\pm$ 162.961 χ^2 /NDF: 1.1/4

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: 275.274 $\pm$ 0.180 χ^2 /NDF: 25039.6/2

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

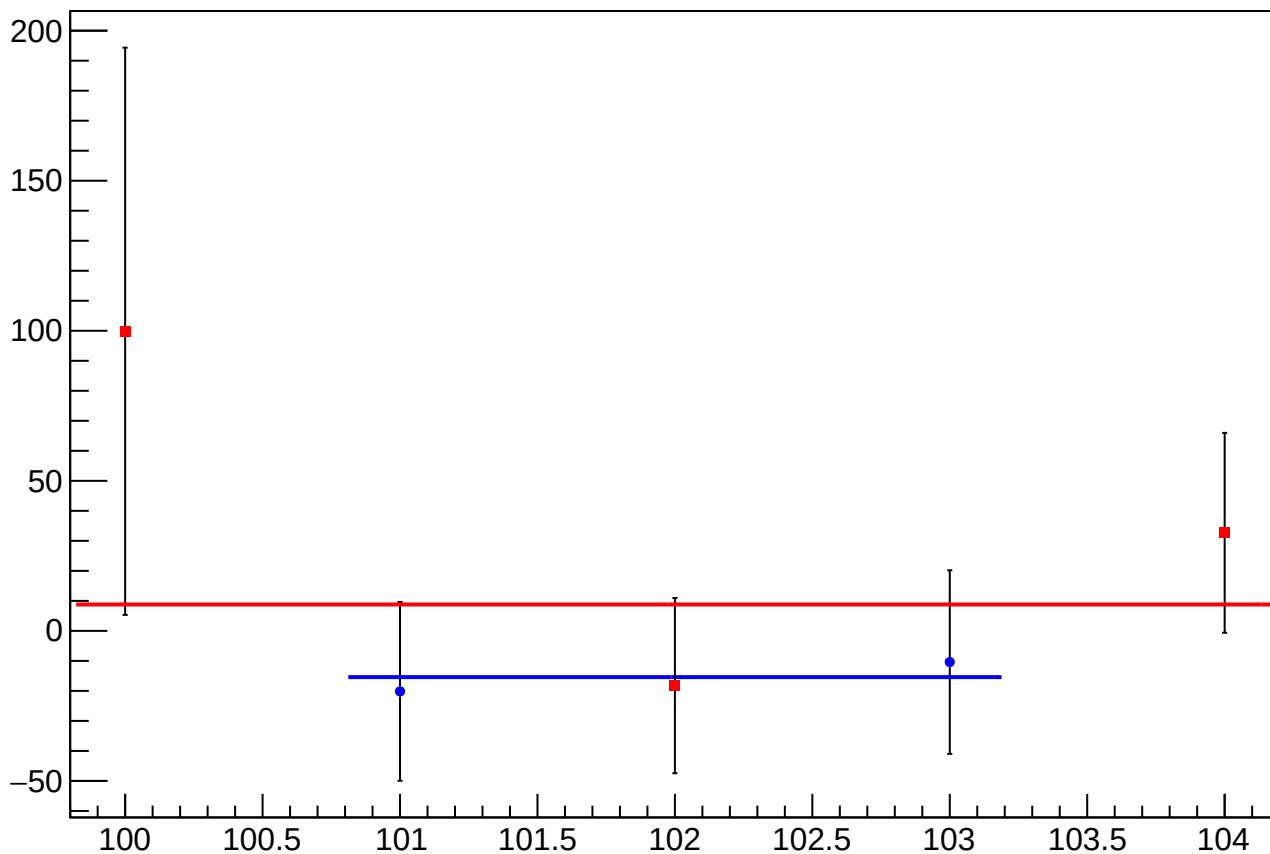
Right: 251.241 $\pm$ 0.115 χ^2 /NDF: 74171.3/4

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: 251.241 $\pm$ 0.115 χ^2 /NDF: 74171.3/4

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: 8.797 $\pm$ 21.383 χ^2 /NDF: 2.3/2

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

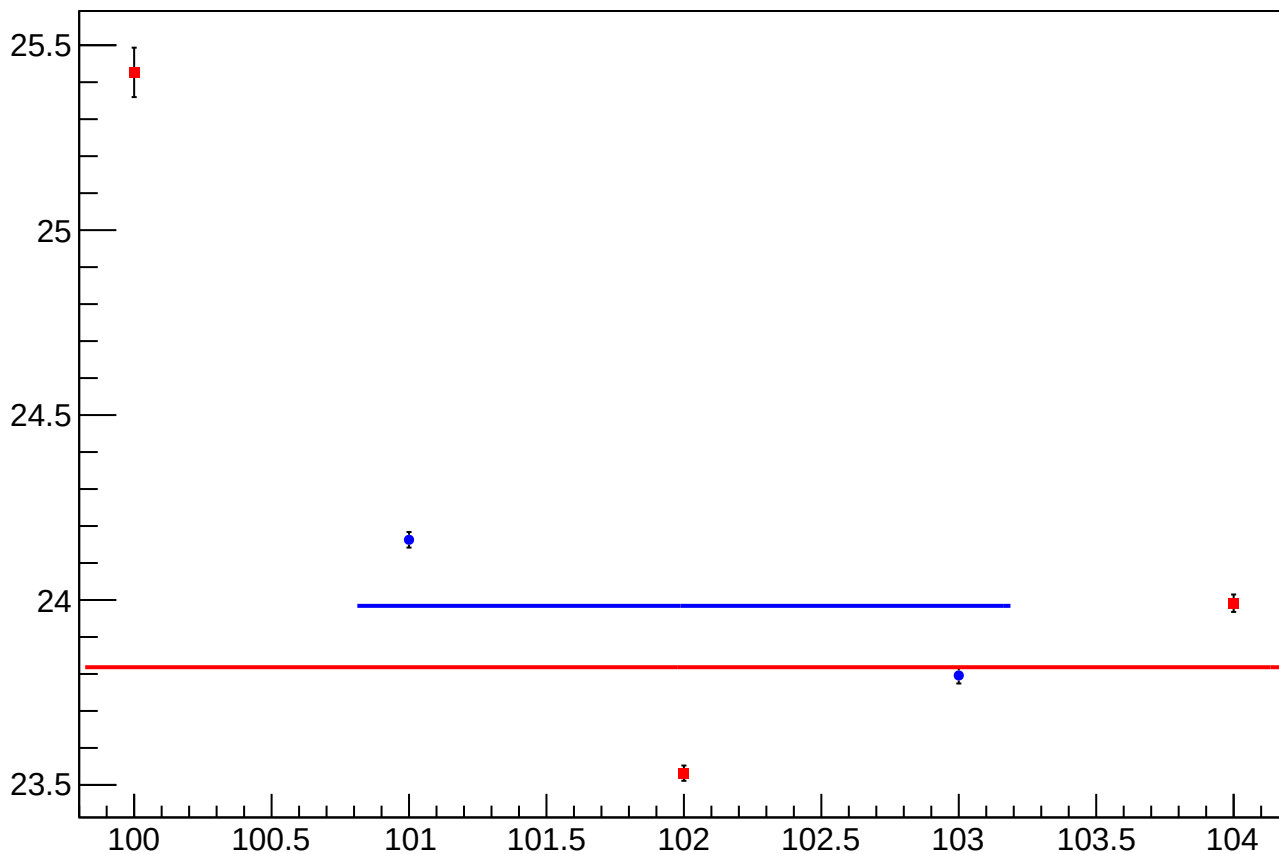
Right: -3.326 $\pm$ 15.107 χ^2 /NDF: 3.0/4

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: -3.326 $\pm$ 15.107 χ^2 /NDF: 3.0/4

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: 23.818+/-0.015 χ^2/NDF : 825.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

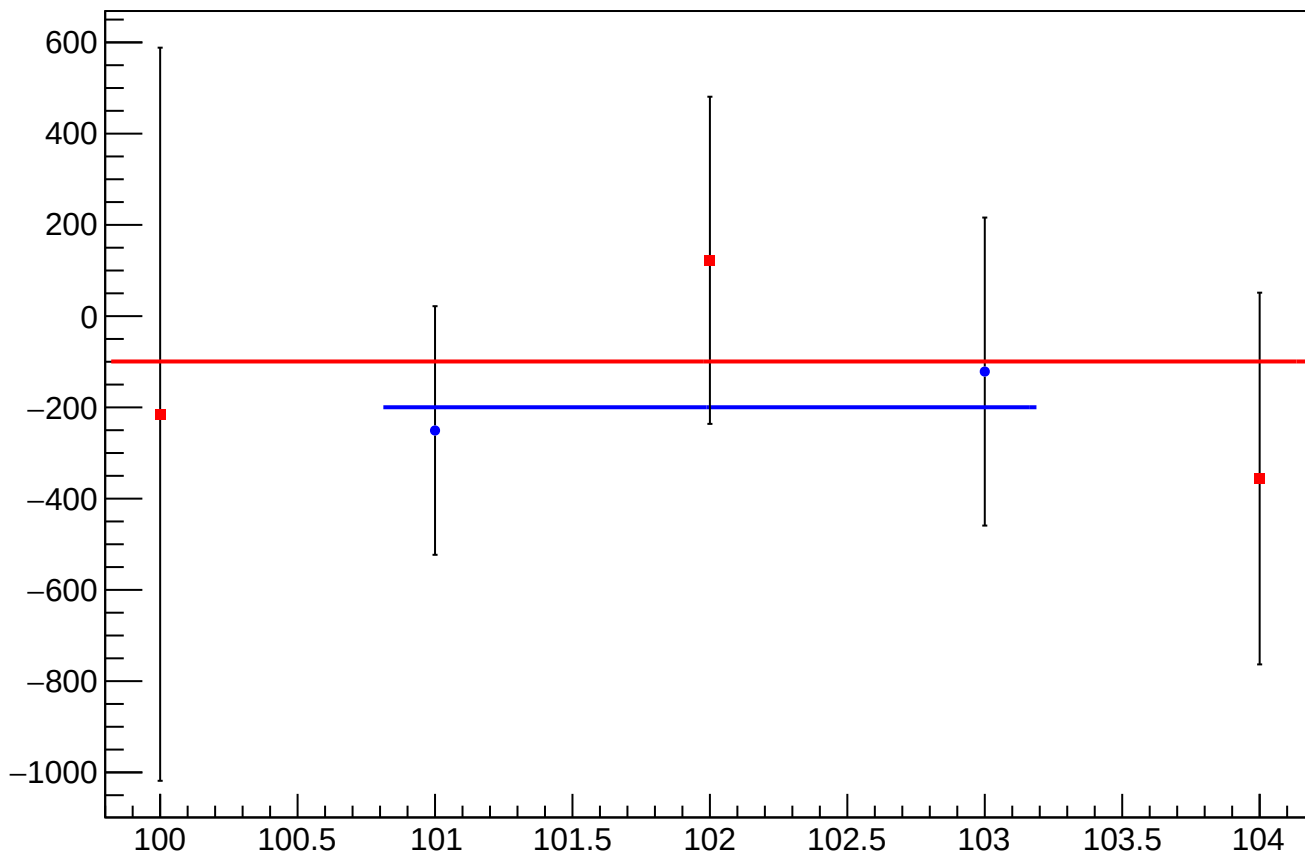
Right: 23.901+/-0.011 χ^2/NDF : 1033.6/4

In: 23.984+/-0.015 χ^2/NDF : 147.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.901+/-0.011 χ^2/NDF : 1033.6/4

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: -99.380+/-255.200 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

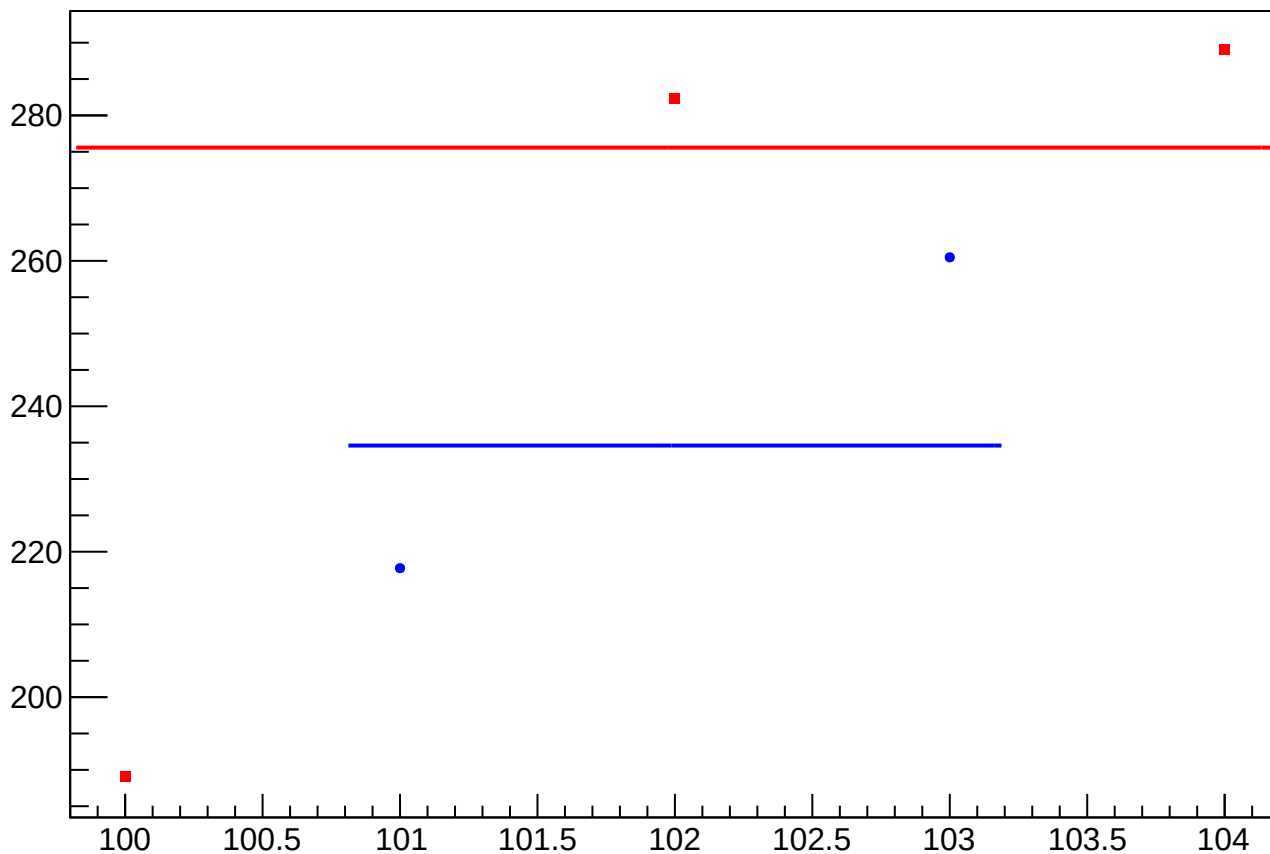
Right: -158.734+/-163.079 χ^2/NDF : 1.0/4

In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.734+/-163.079 χ^2/NDF : 1.0/4

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: 275.577 $\pm$ 0.180 χ^2 /NDF: 26091.3/2

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

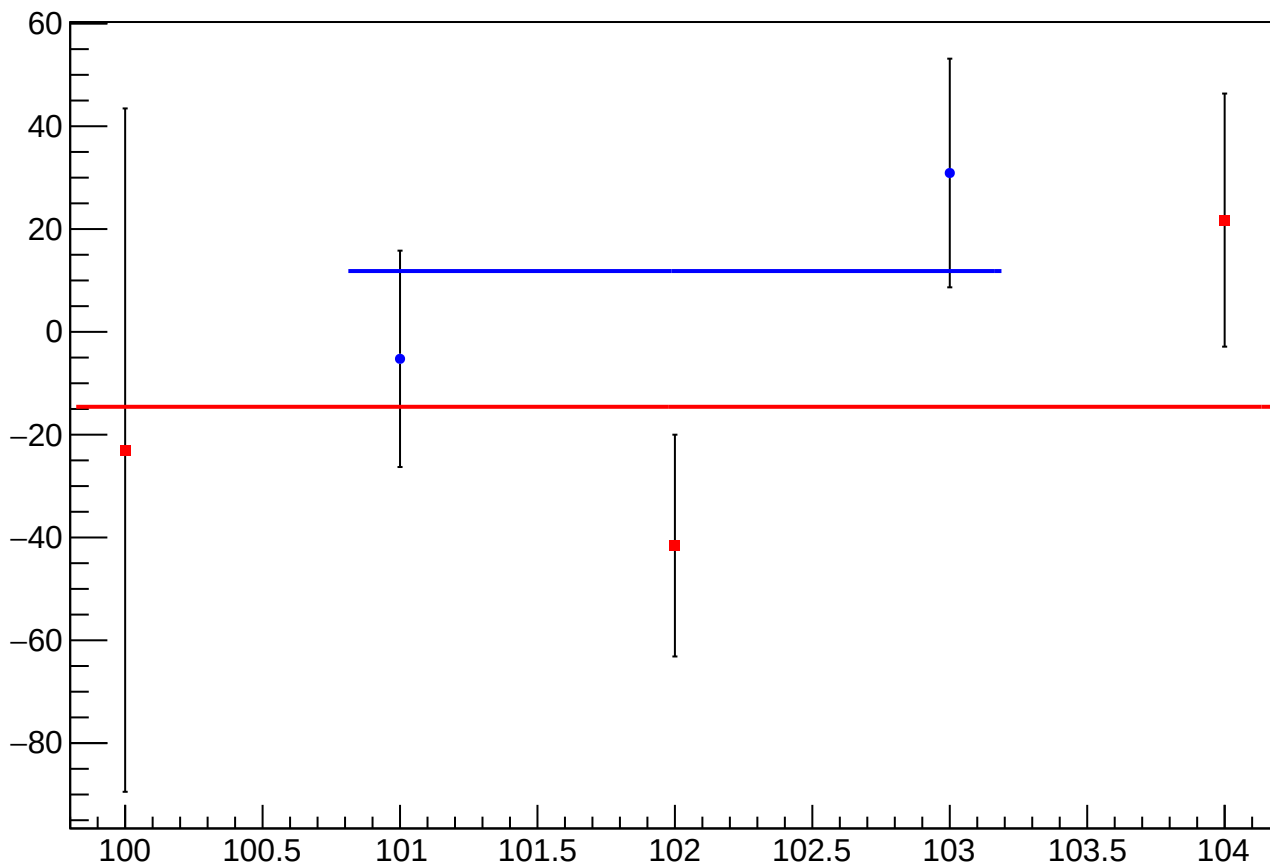
Right: 251.333 $\pm$ 0.115 χ^2 /NDF: 76022.5/4

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: 251.333 $\pm$ 0.115 χ^2 /NDF: 76022.5/4

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: -14.574+/-15.762 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

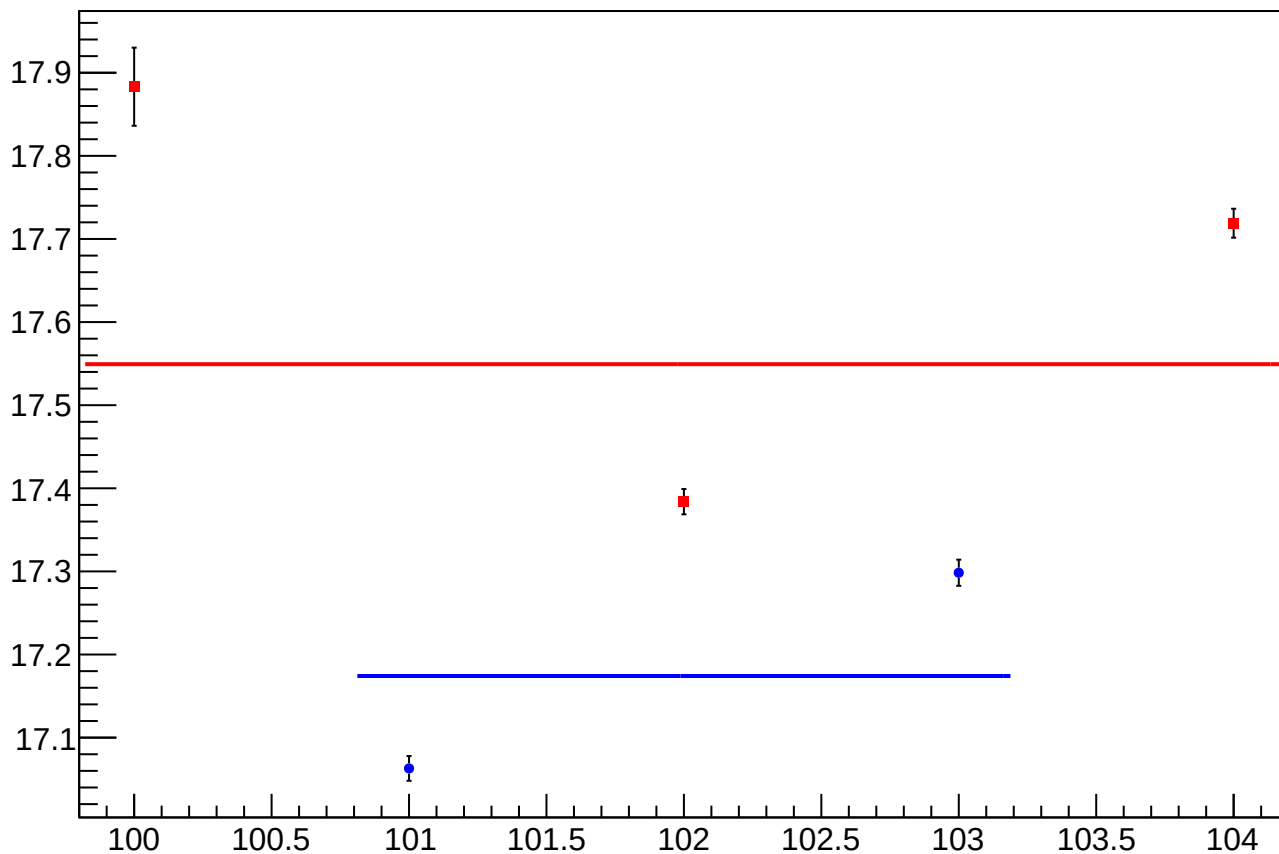
Right: -0.968+/-10.973 χ^2/NDF : 6.6/4

In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.968+/-10.973 χ^2/NDF : 6.6/4

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: 17.549 $\pm$ 0.011 χ^2 /NDF: 263.0/2

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

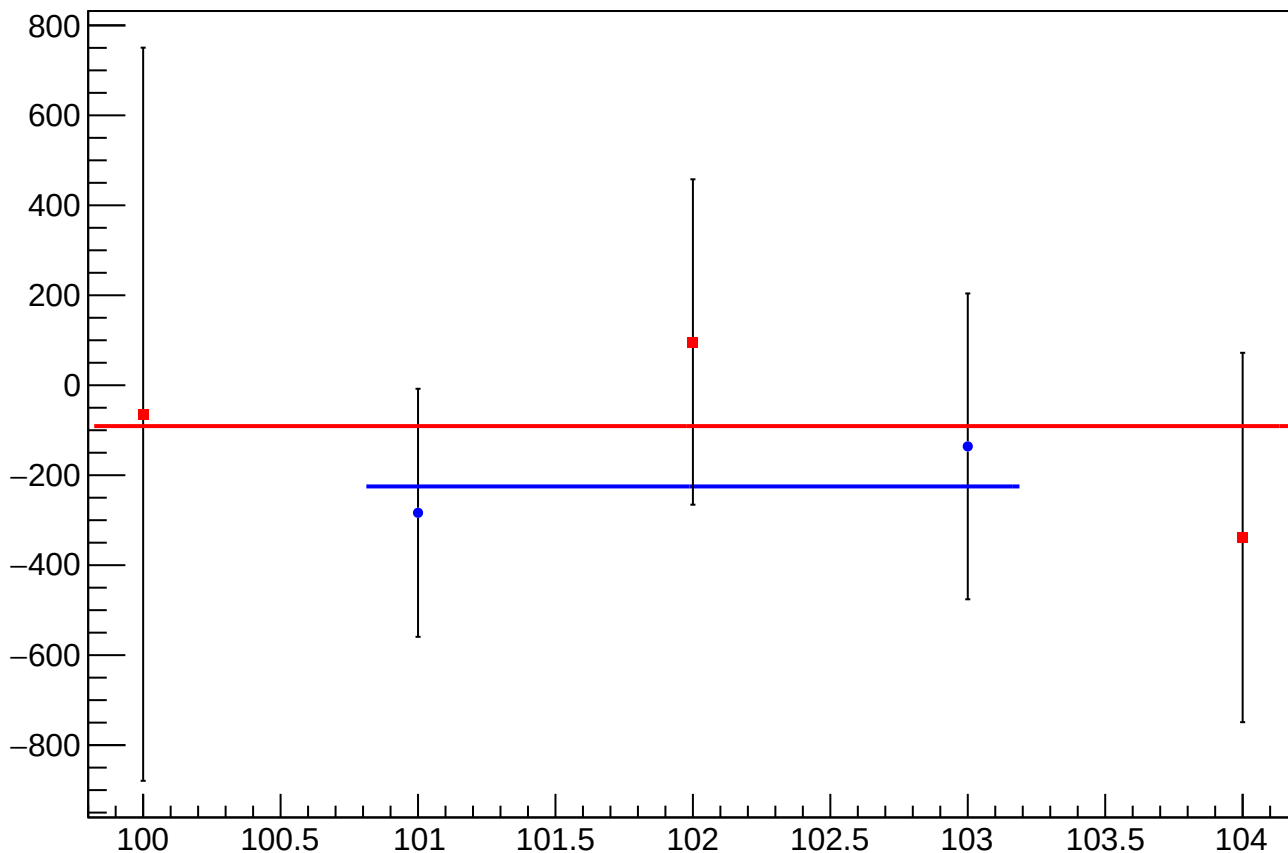
Right: 17.356 $\pm$ 0.008 χ^2 /NDF: 965.2/4

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: 17.356 $\pm$ 0.008 χ^2 /NDF: 965.2/4

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: -90.823 $\pm$ 257.491 χ^2 /NDF: 0.6/2

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

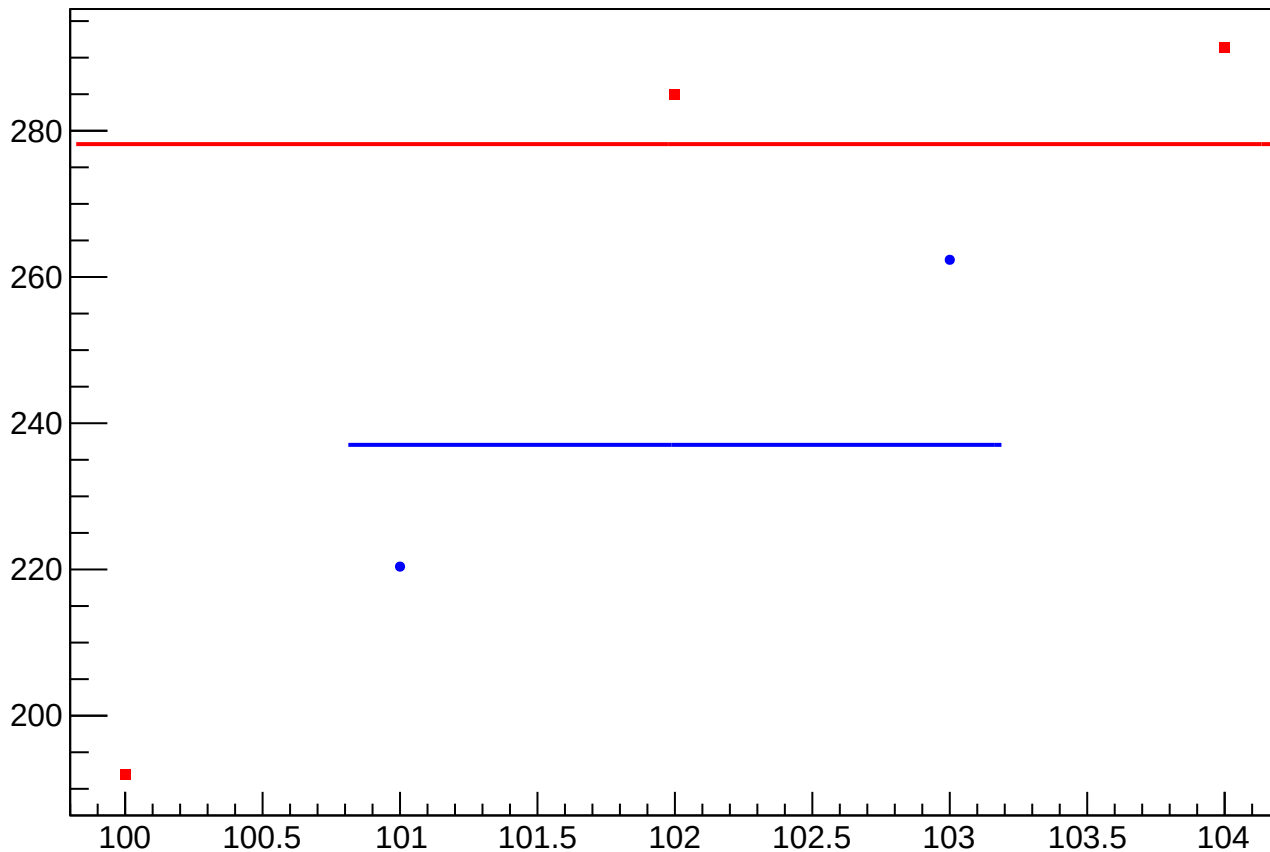
Right: -170.120 $\pm$ 164.642 χ^2 /NDF: 0.9/4

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: -170.120 $\pm$ 164.642 χ^2 /NDF: 0.9/4

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 237.044+/-0.151 χ^2/NDF : 18378.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.174+/-0.182 χ^2/NDF : 25152.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

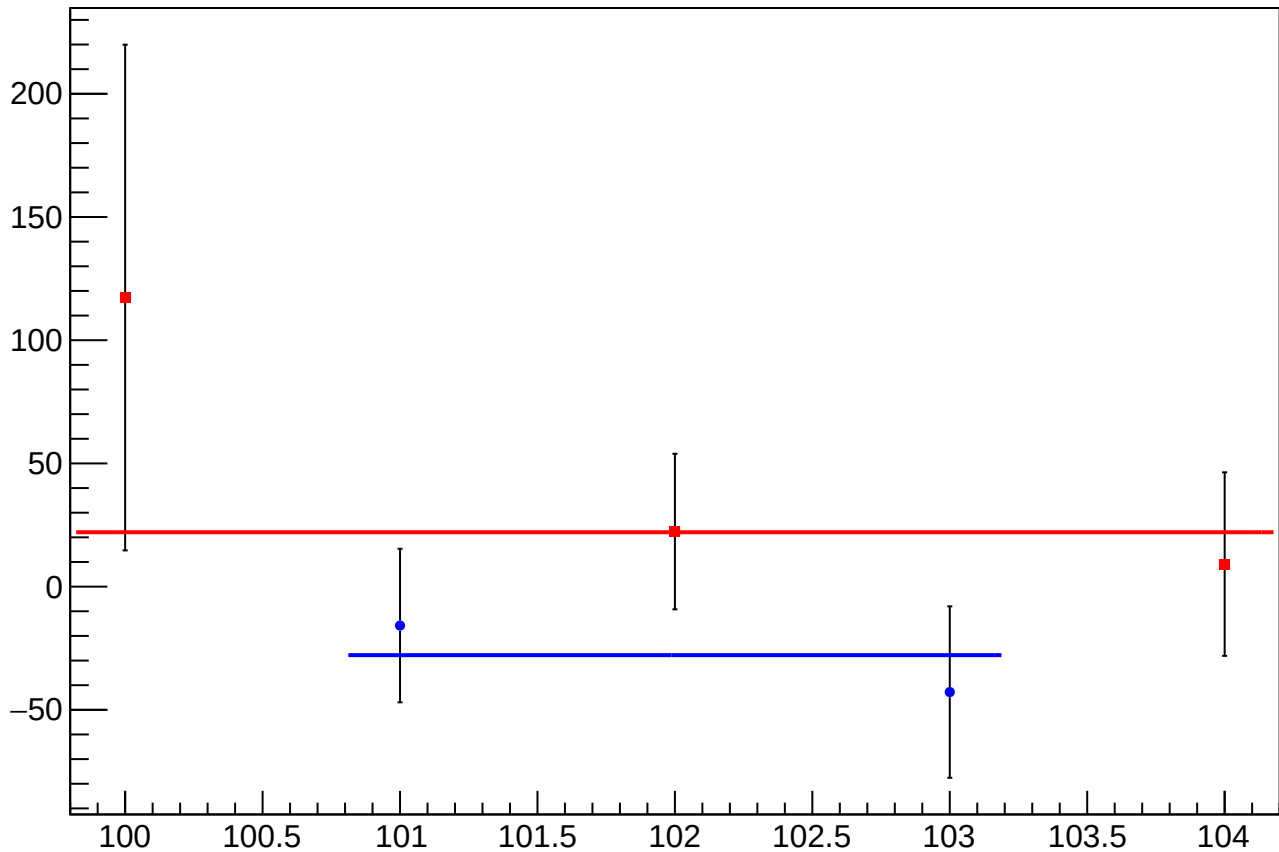
Right: 253.860+/-0.116 χ^2/NDF : 73698.1/4

In: 237.044+/-0.151 χ^2/NDF : 18378.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 253.860+/-0.116 χ^2/NDF : 73698.1/4

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.073 ± 23.445 $\chi^2/\text{NDF}: 1.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

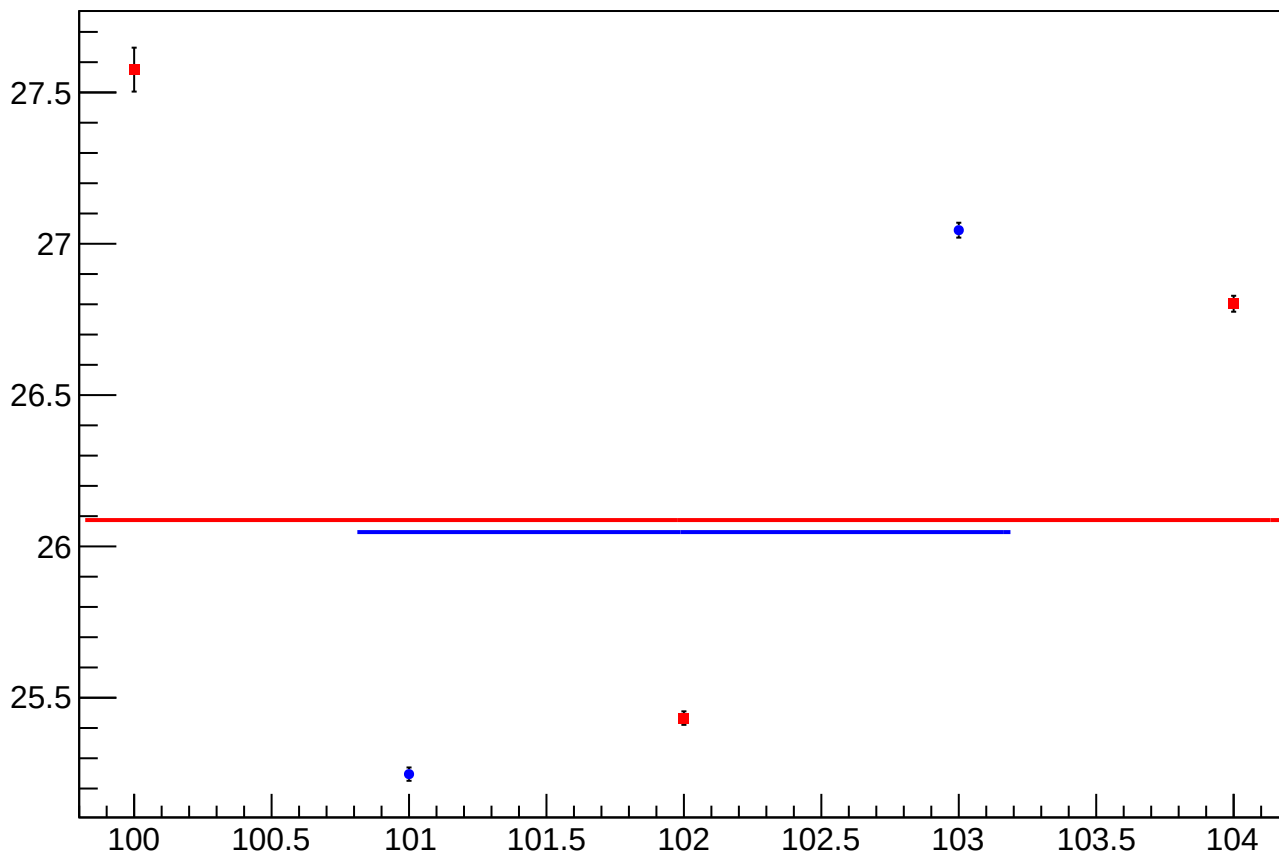
Right: -3.121 ± 16.493 $\chi^2/\text{NDF}: 3.6/4$

In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.121 ± 16.493 $\chi^2/\text{NDF}: 3.6/4$

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: 26.087+/-0.017 χ^2/NDF : 2016.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

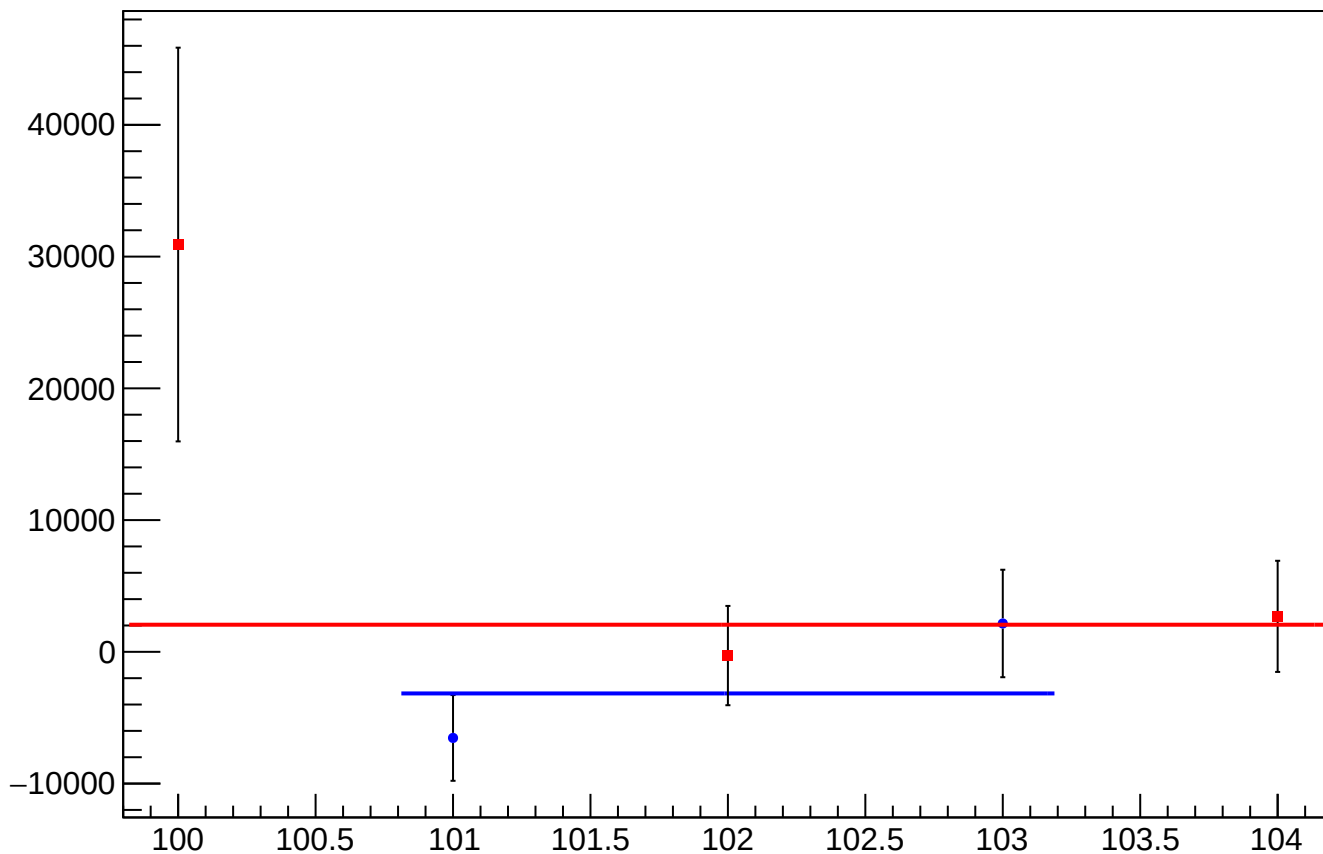
Right: 26.067+/-0.012 χ^2/NDF : 4981.8/4

In: 26.047+/-0.016 χ^2/NDF : 2962.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.067+/-0.012 χ^2/NDF : 4981.8/4

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: 2058.443 $\pm$ 2761.887 χ^2 /NDF: 4.1/2

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

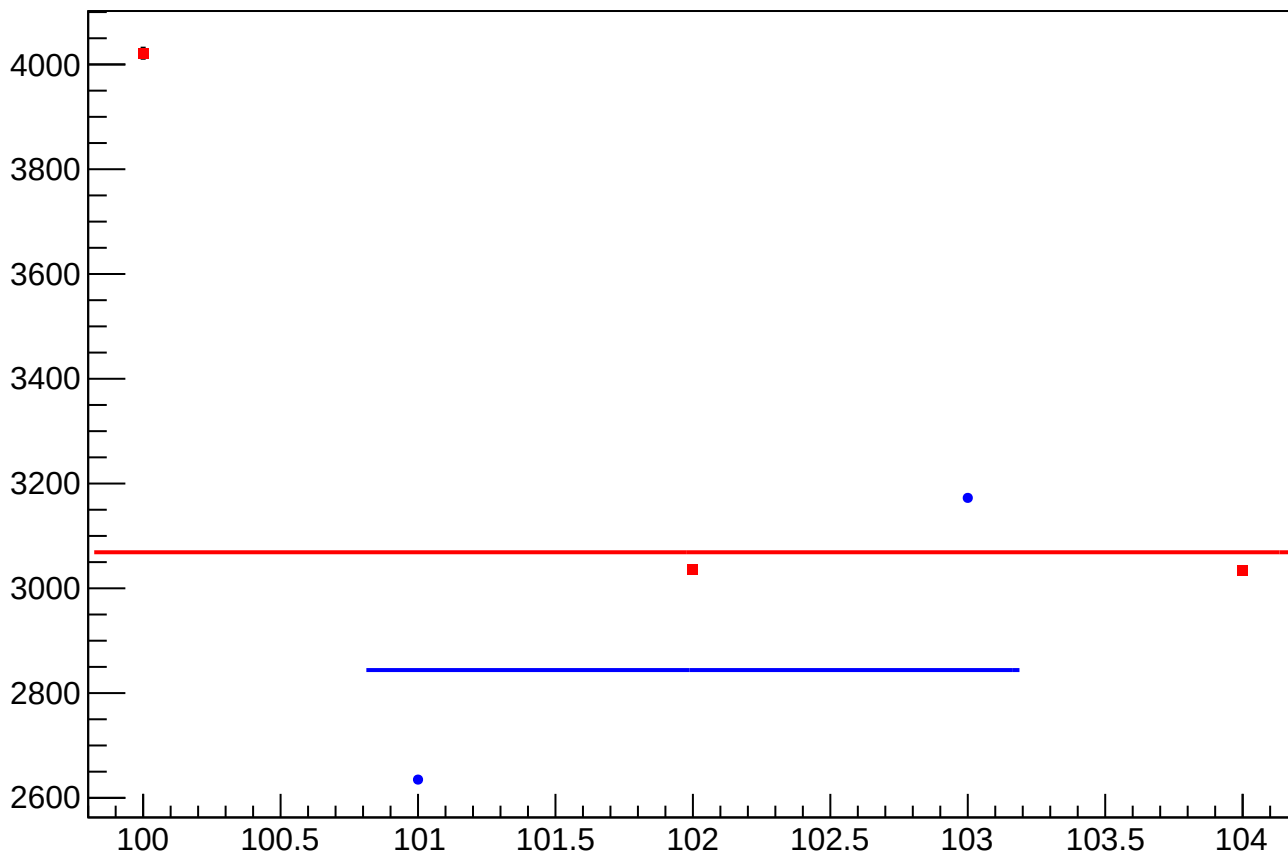
Right: -763.801 $\pm$ 1871.028 χ^2 /NDF: 8.8/4

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: -763.801 $\pm$ 1871.028 χ^2 /NDF: 8.8/4

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: 3068.822+/-1.953 χ^2/NDF : 8416.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

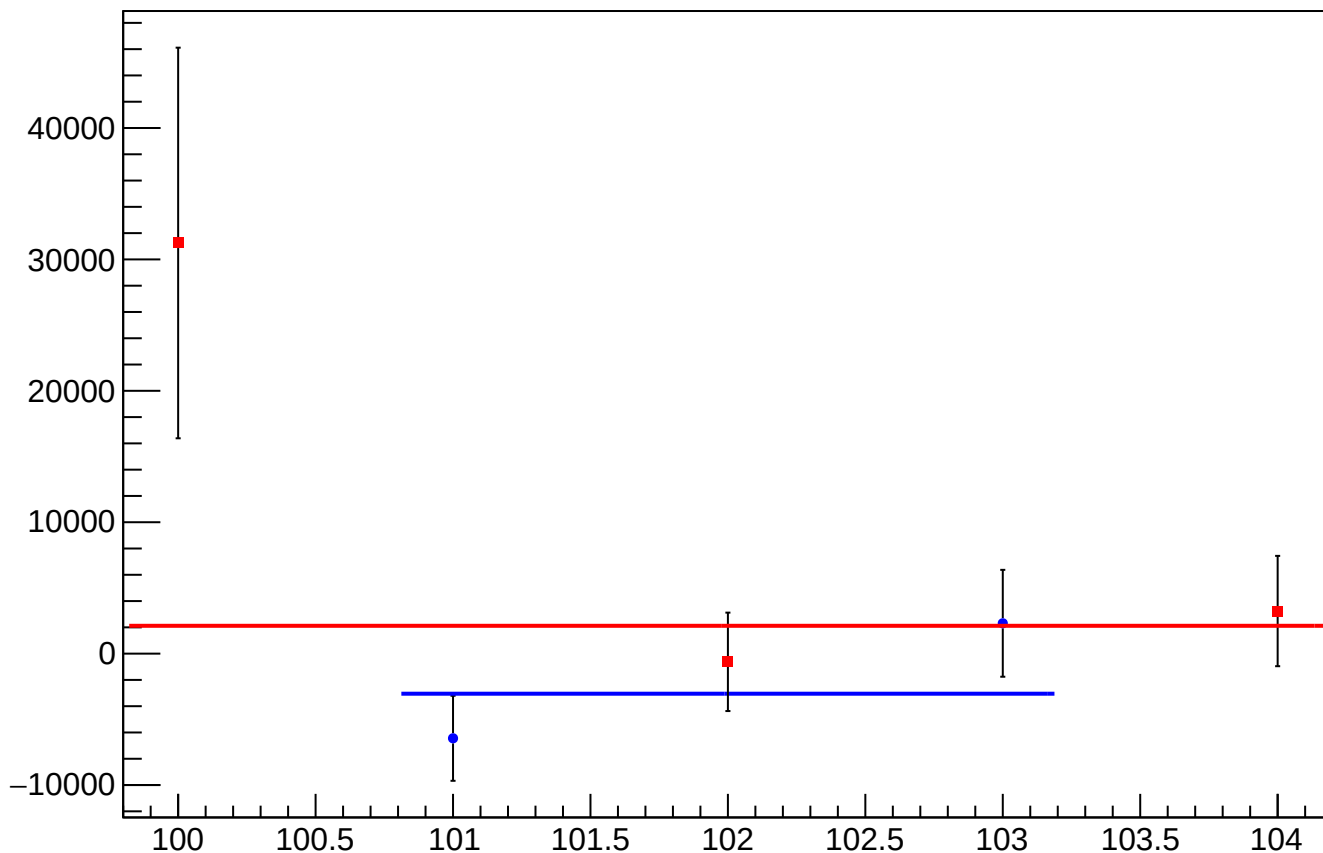
Right: 2947.157+/-1.323 χ^2/NDF : 36832.0/4

In: 2843.961+/-1.799 χ^2/NDF : 21242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2947.157+/-1.323 χ^2/NDF : 36832.0/4

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -3049.703 $\pm$ 2531.783 χ^2 /NDF: 2.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2118.257 $\pm$ 2746.178 χ^2 /NDF: 4.4/2

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

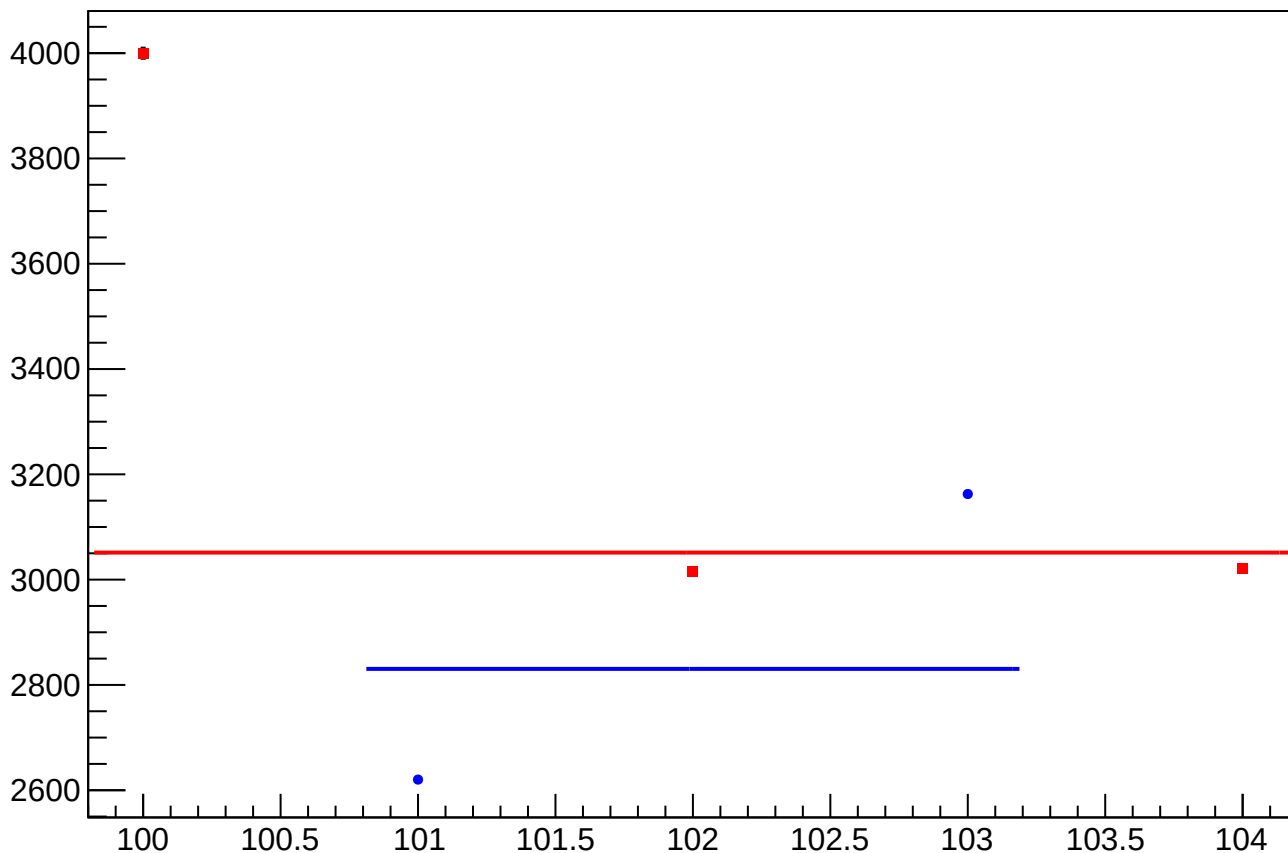
Right: -675.304 $\pm$ 1861.427 χ^2 /NDF: 9.2/4

In: -3049.703 $\pm$ 2531.783 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -675.304 $\pm$ 1861.427 χ^2 /NDF: 9.2/4

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: 3051.380+/-1.942 χ^2/NDF : 8434.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

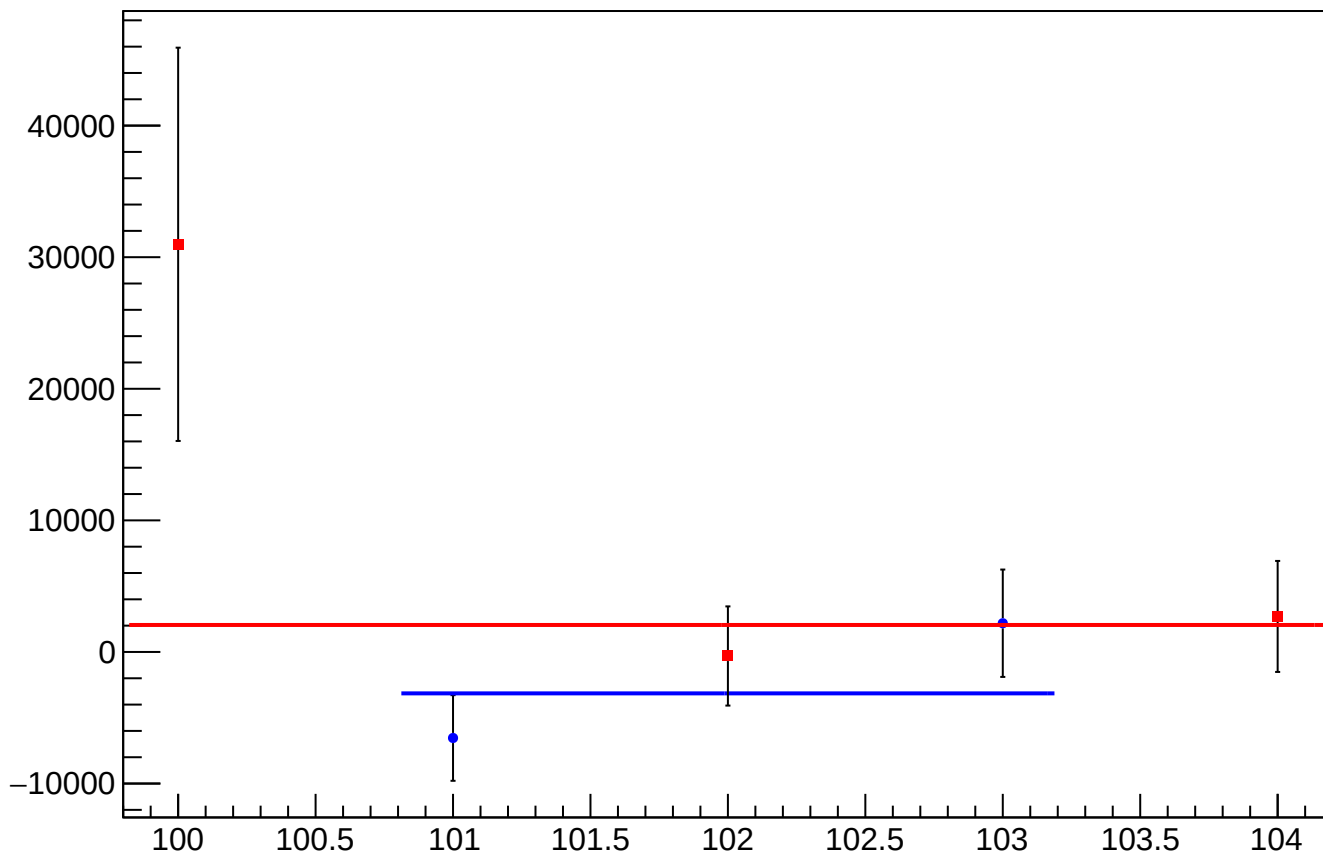
Right: 2931.964+/-1.316 χ^2/NDF : 37223.8/4

In: 2830.466+/-1.790 χ^2/NDF : 21792.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.964+/-1.316 χ^2/NDF : 37223.8/4

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: 2051.159+/-2761.896 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

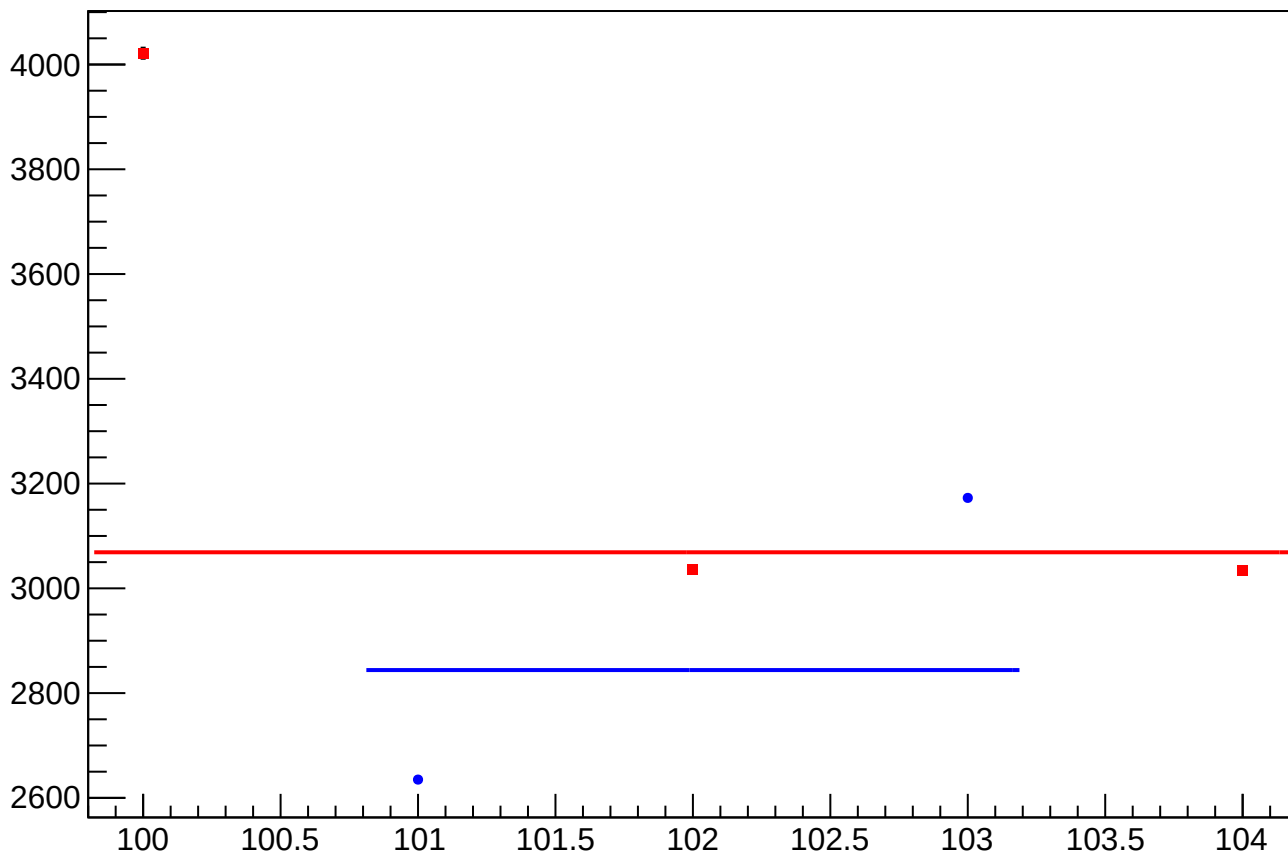
Right: -761.346+/-1871.040 χ^2/NDF : 8.9/4

In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.346+/-1871.040 χ^2/NDF : 8.9/4

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3068.832+/-1.953 χ^2/NDF : 8417.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

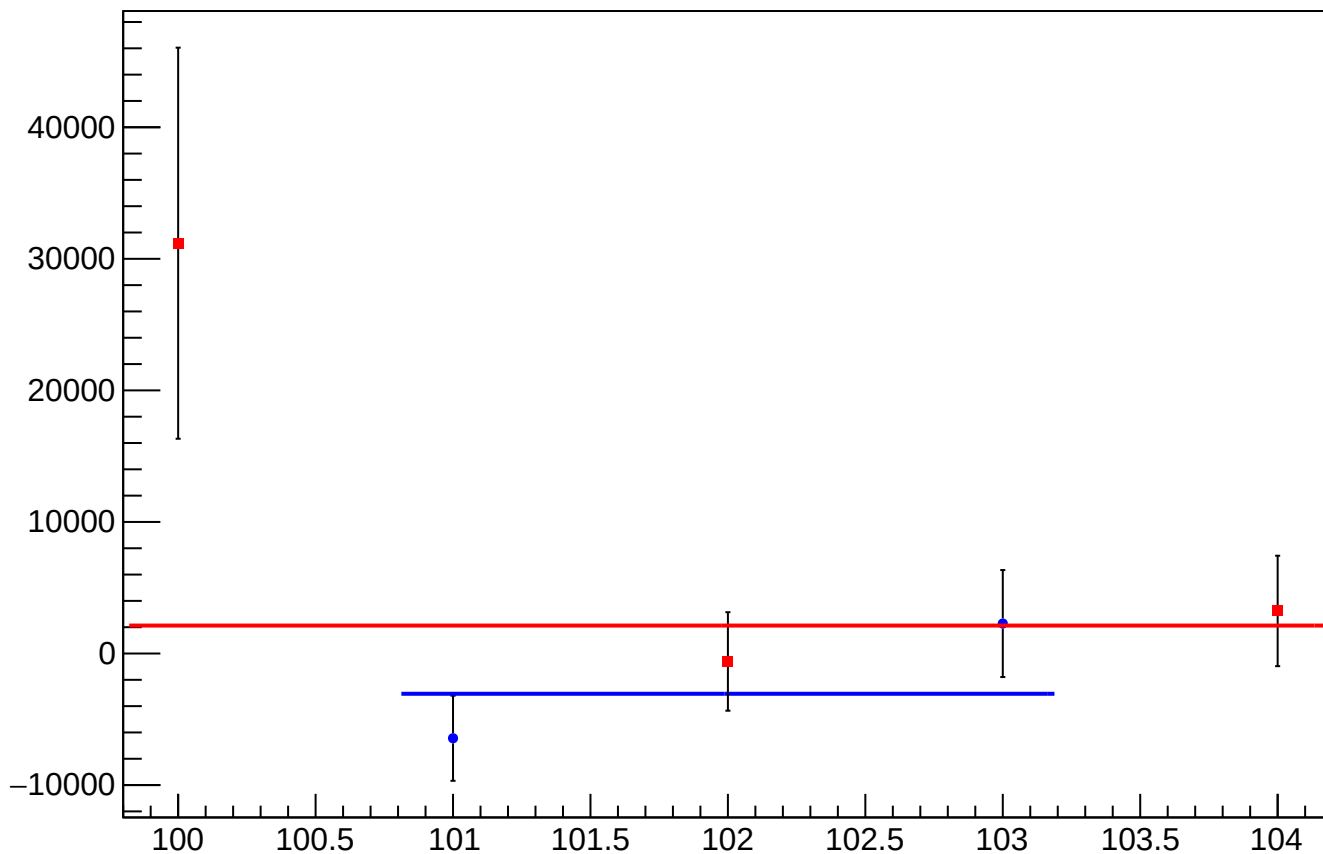
Right: 2947.177+/-1.323 χ^2/NDF : 36833.6/4

In: 2843.988+/-1.799 χ^2/NDF : 21244.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2947.177+/-1.323 χ^2/NDF : 36833.6/4

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: 2124.996+/-2746.062 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

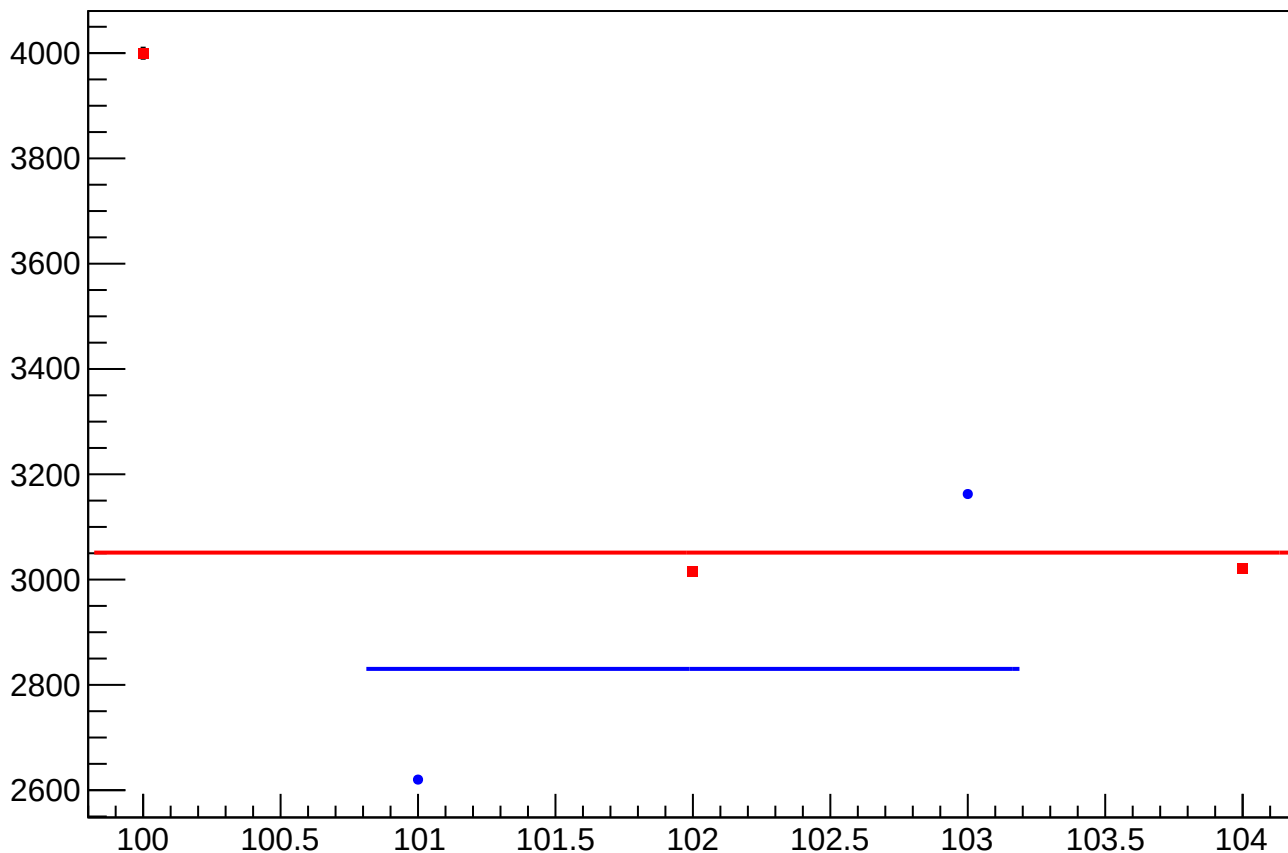
Right: -677.944+/-1861.354 χ^2/NDF : 9.2/4

In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -677.944+/-1861.354 χ^2/NDF : 9.2/4

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3051.250+/-1.942 χ^2/NDF : 8435.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

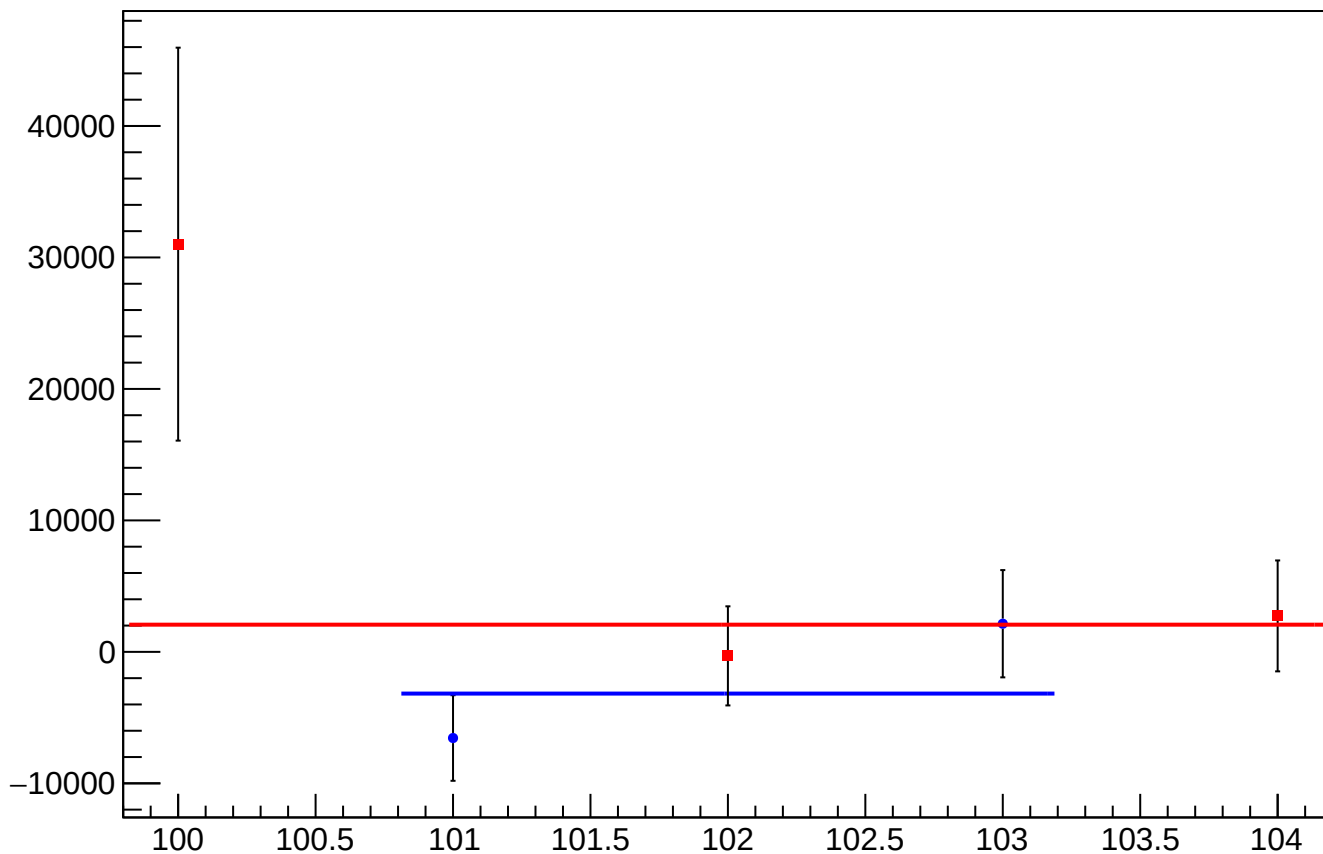
Right: 2931.848+/-1.316 χ^2/NDF : 37223.3/4

In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.848+/-1.316 χ^2/NDF : 37223.3/4

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: 2068.687+/-2762.177 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

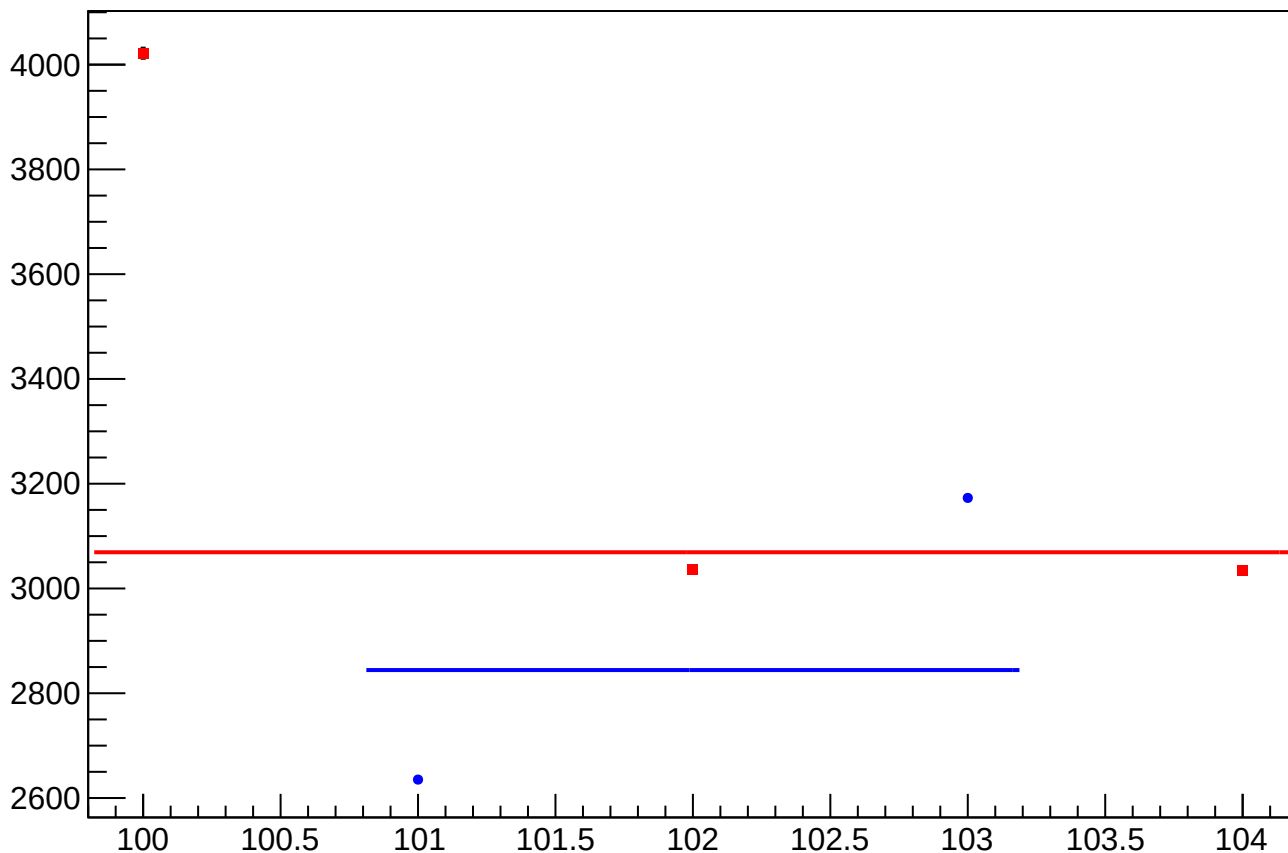
Right: -767.173+/-1871.220 χ^2/NDF : 8.9/4

In: -3172.521+/-2543.888 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.173+/-1871.220 χ^2/NDF : 8.9/4

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: 3069.143+/-1.953 χ^2/NDF : 8415.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

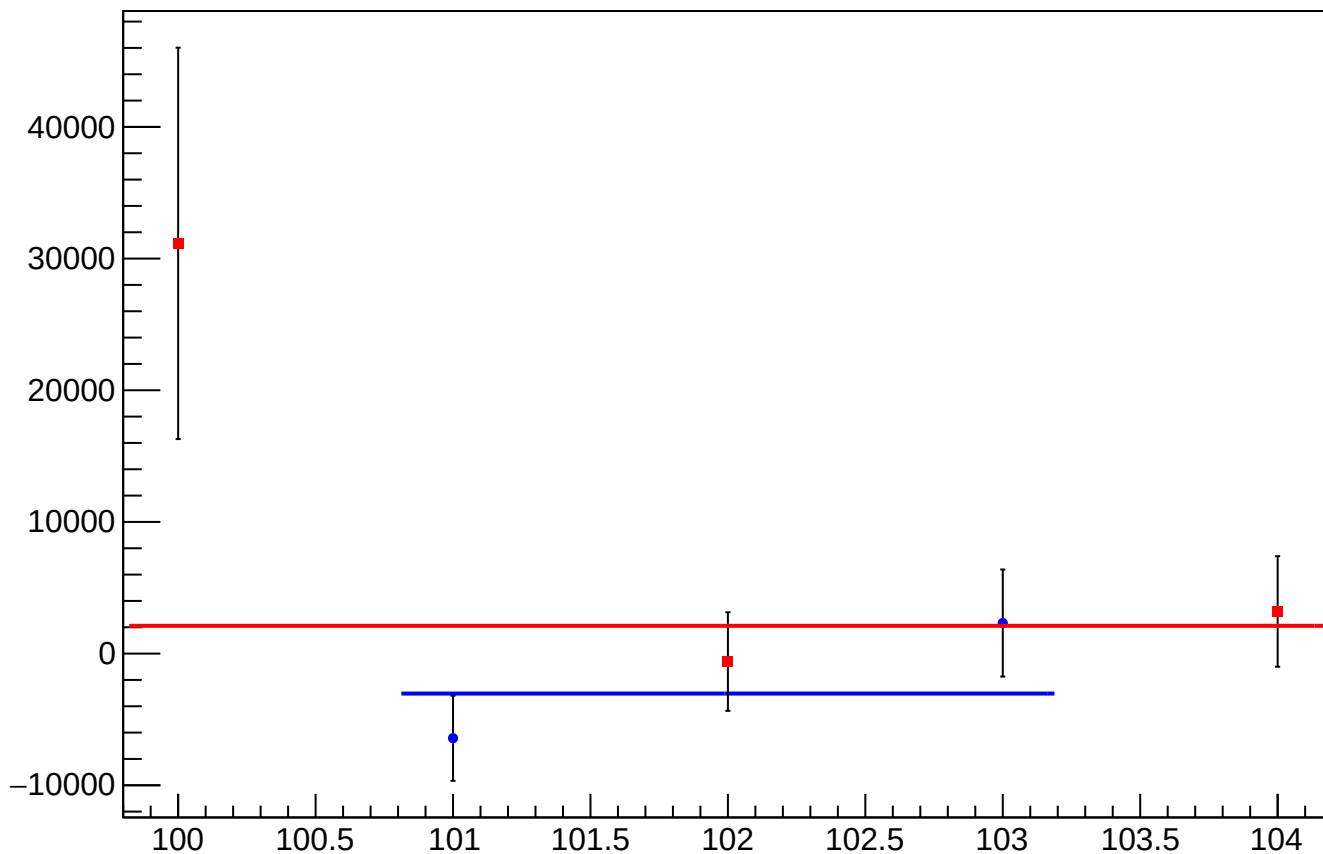
Right: 2947.460+/-1.323 χ^2/NDF : 36825.6/4

In: 2844.250+/-1.799 χ^2/NDF : 21236.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2947.460+/-1.323 χ^2/NDF : 36825.6/4

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: 2108.635 $\pm$ 2746.183 χ^2 /NDF: 4.4/2

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

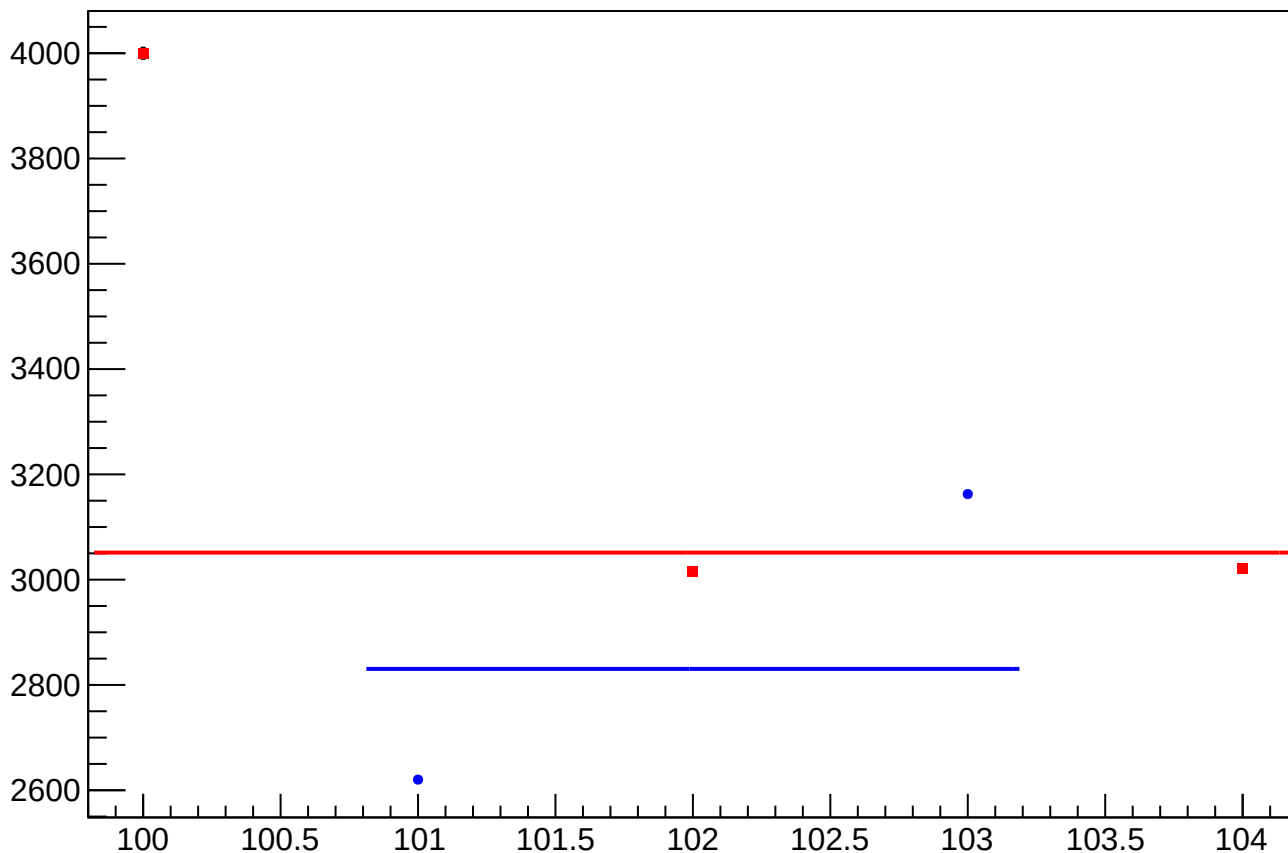
Right: -671.808 $\pm$ 1861.427 χ^2 /NDF: 9.1/4

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: -671.808 $\pm$ 1861.427 χ^2 /NDF: 9.1/4

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: 3051.385+/-1.942 χ^2/NDF : 8436.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

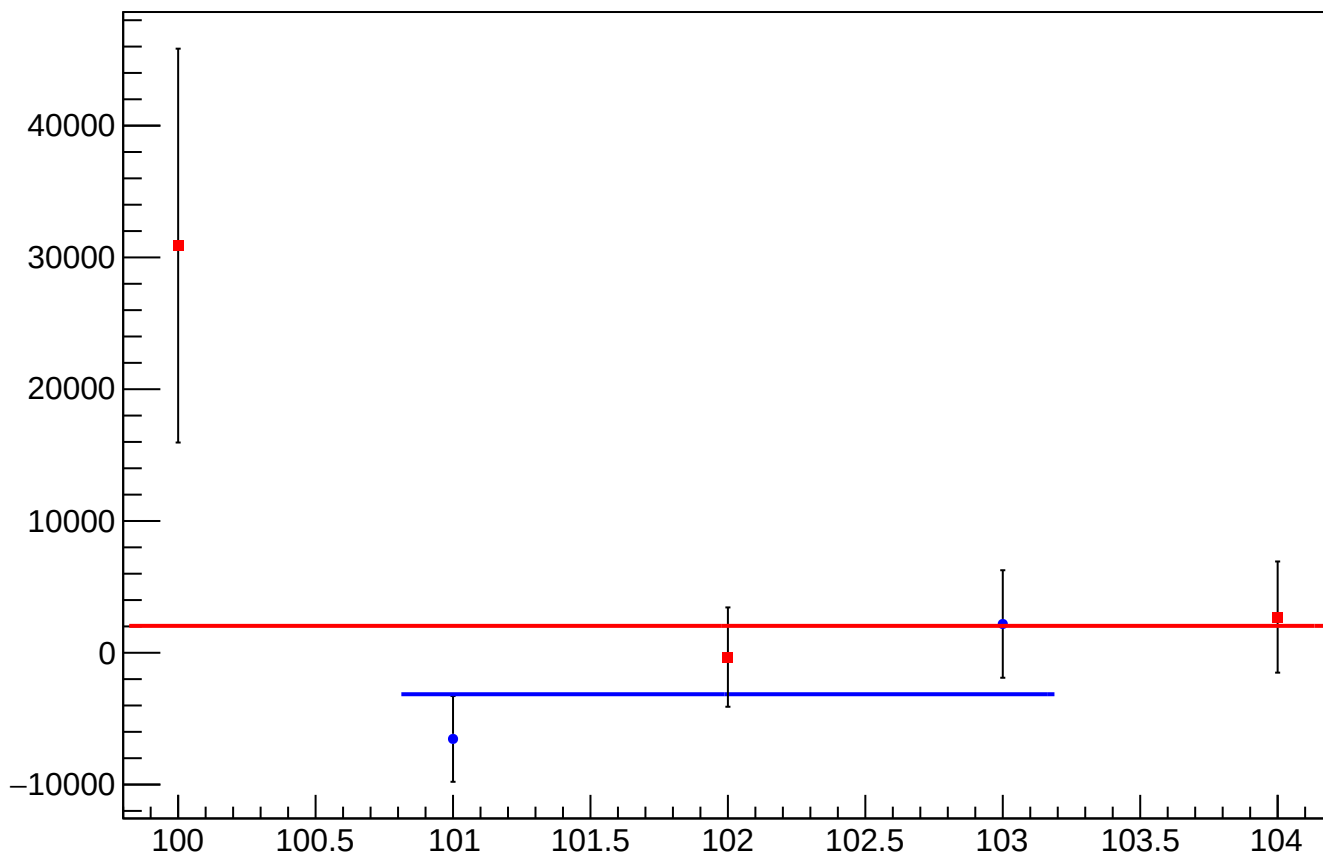
Right: 2931.964+/-1.316 χ^2/NDF : 37220.8/4

In: 2830.463+/-1.790 χ^2/NDF : 21787.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.964+/-1.316 χ^2/NDF : 37220.8/4

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: 2041.817+/-2762.187 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

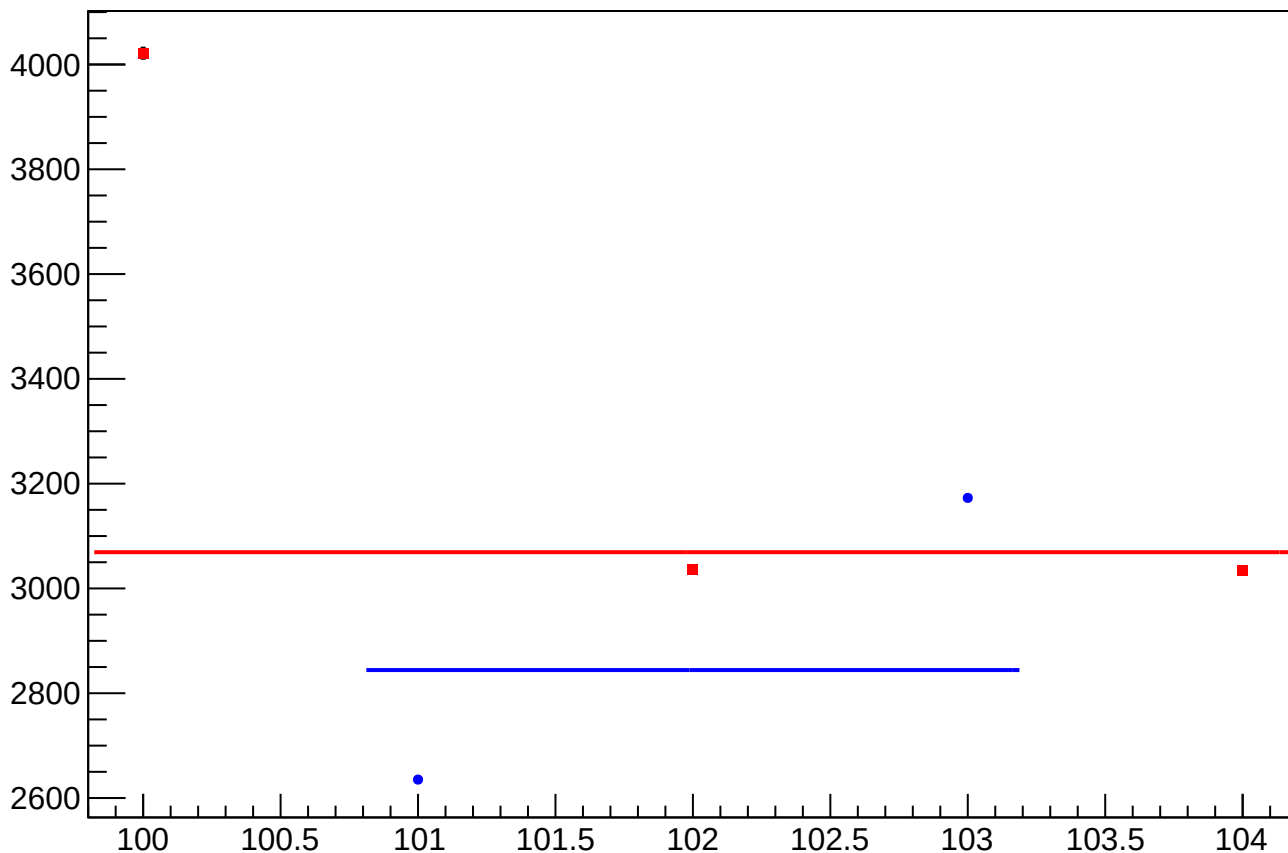
Right: -765.111+/-1871.209 χ^2/NDF : 8.9/4

In: -3145.837+/-2543.855 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -765.111+/-1871.209 χ^2/NDF : 8.9/4

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: 3069.156+/-1.953 χ^2/NDF : 8411.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

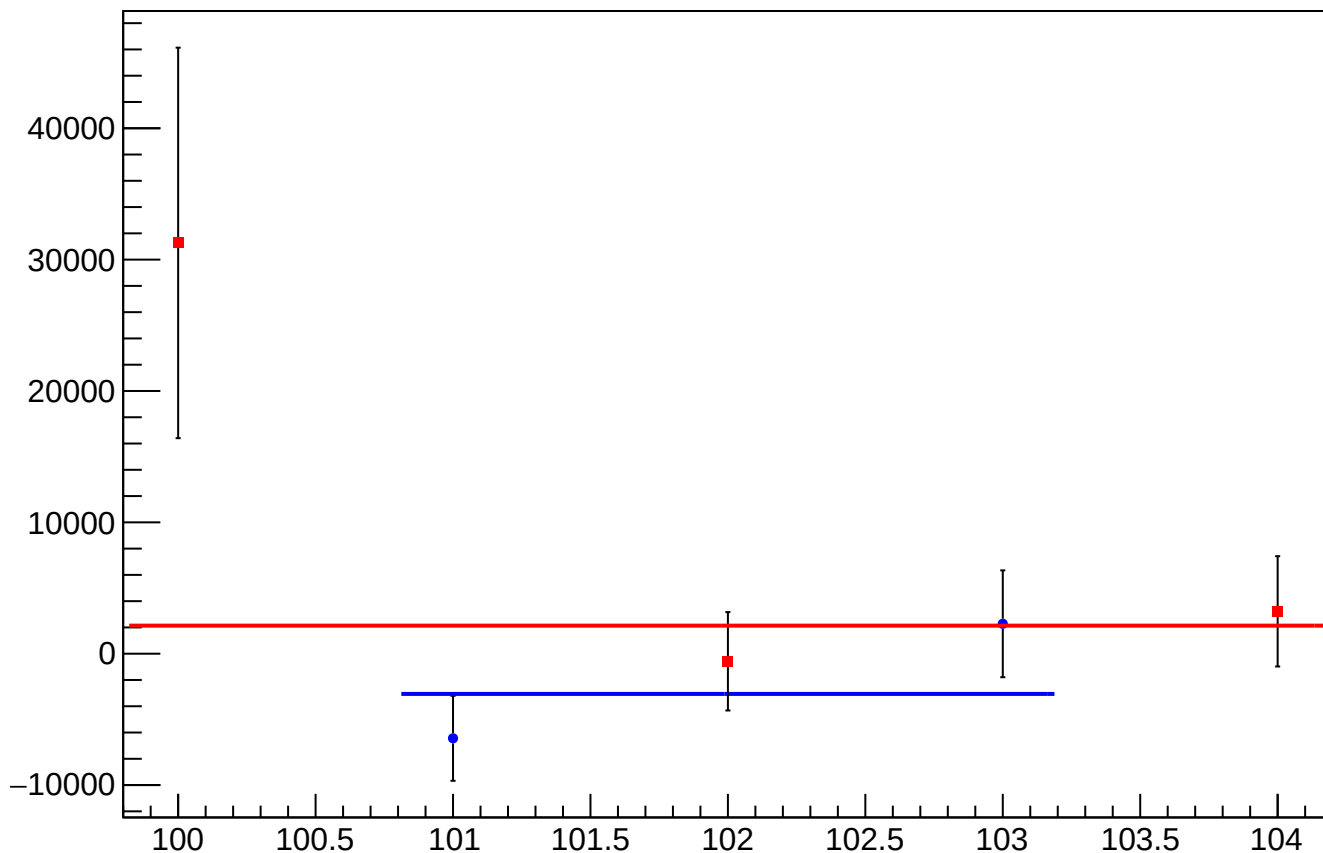
Right: 2947.446+/-1.323 χ^2/NDF : 36817.1/4

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2947.446+/-1.323 χ^2/NDF : 36817.1/4

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: 2136.544 $\pm$ 2746.224 χ^2 /NDF: 4.4/2

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

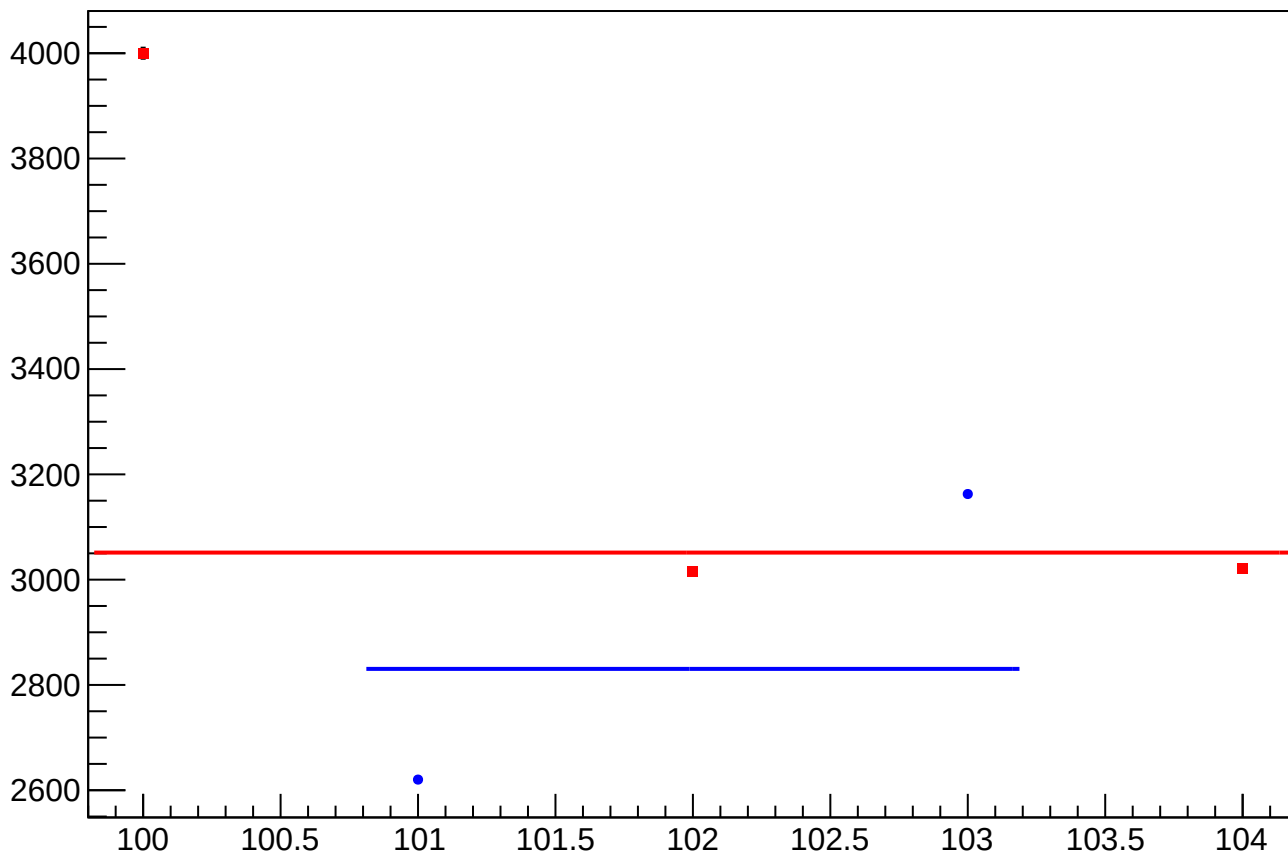
Right: -673.031 $\pm$ 1861.447 χ^2 /NDF: 9.2/4

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: -673.031 $\pm$ 1861.447 χ^2 /NDF: 9.2/4

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: 3051.430+/-1.942 χ^2/NDF : 8435.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

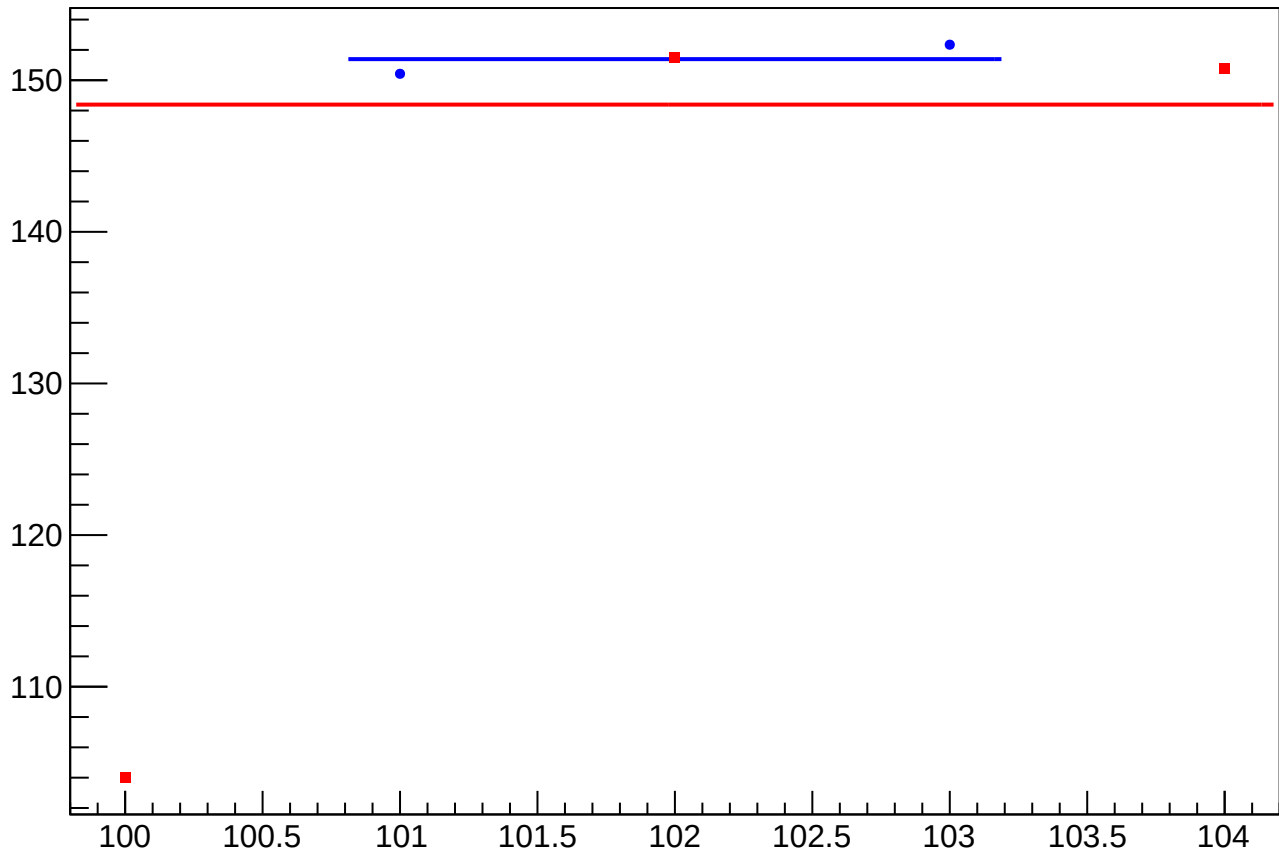
Right: 2931.992+/-1.316 χ^2/NDF : 37231.7/4

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.992+/-1.316 χ^2/NDF : 37231.7/4

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 151.391 $\pm$ 0.001 χ^2 /NDF: 1348252.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.392 $\pm$ 0.001 χ^2 /NDF: 189181225.7/2

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

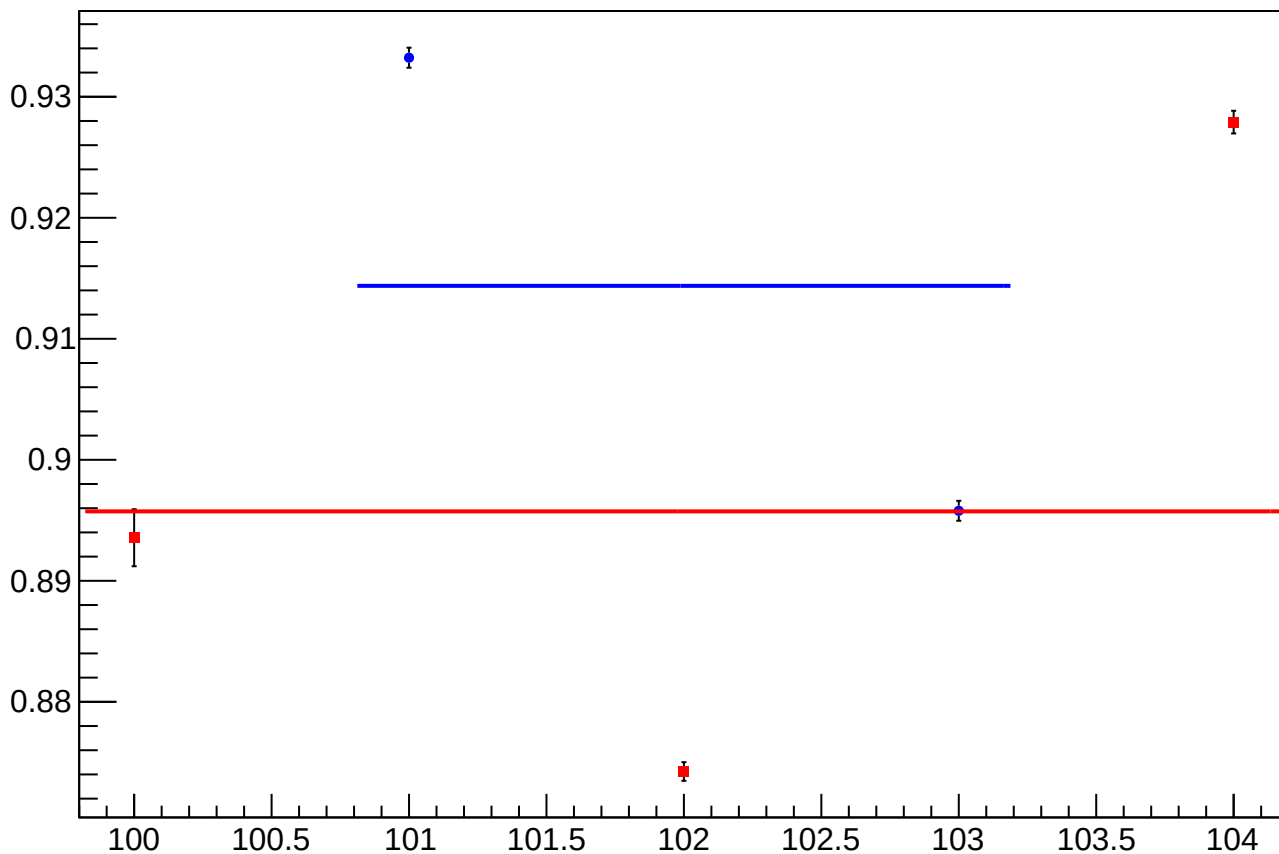
Right: 149.872 $\pm$ 0.001 χ^2 /NDF: 197199955.2/4

In: 151.391 $\pm$ 0.001 χ^2 /NDF:1348252.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.872 $\pm$ 0.001 χ^2 /NDF: 197199955.2/4

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: 0.896+/-0.001 χ^2/NDF : 1959.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

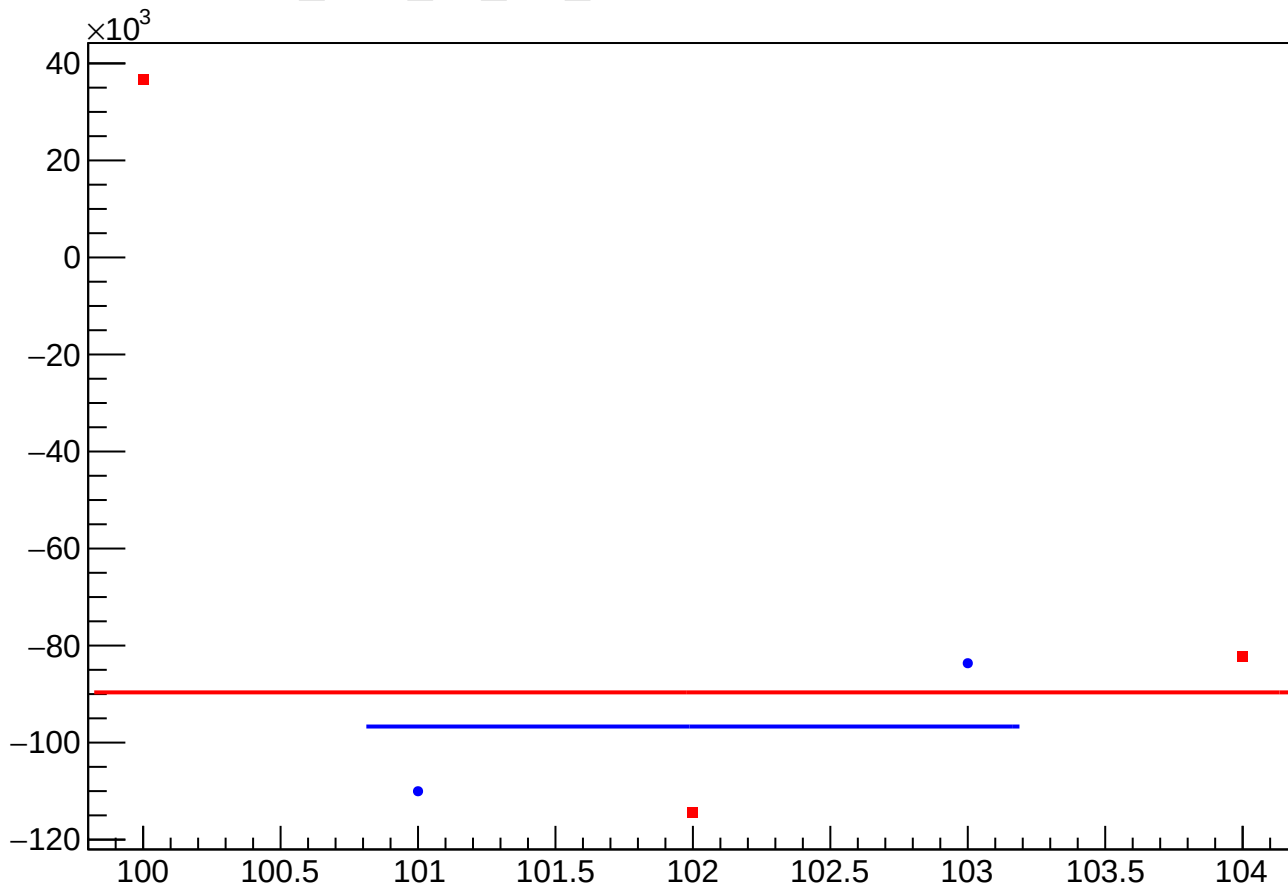
Right: 0.905+/-0.000 χ^2/NDF : 3500.6/4

In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

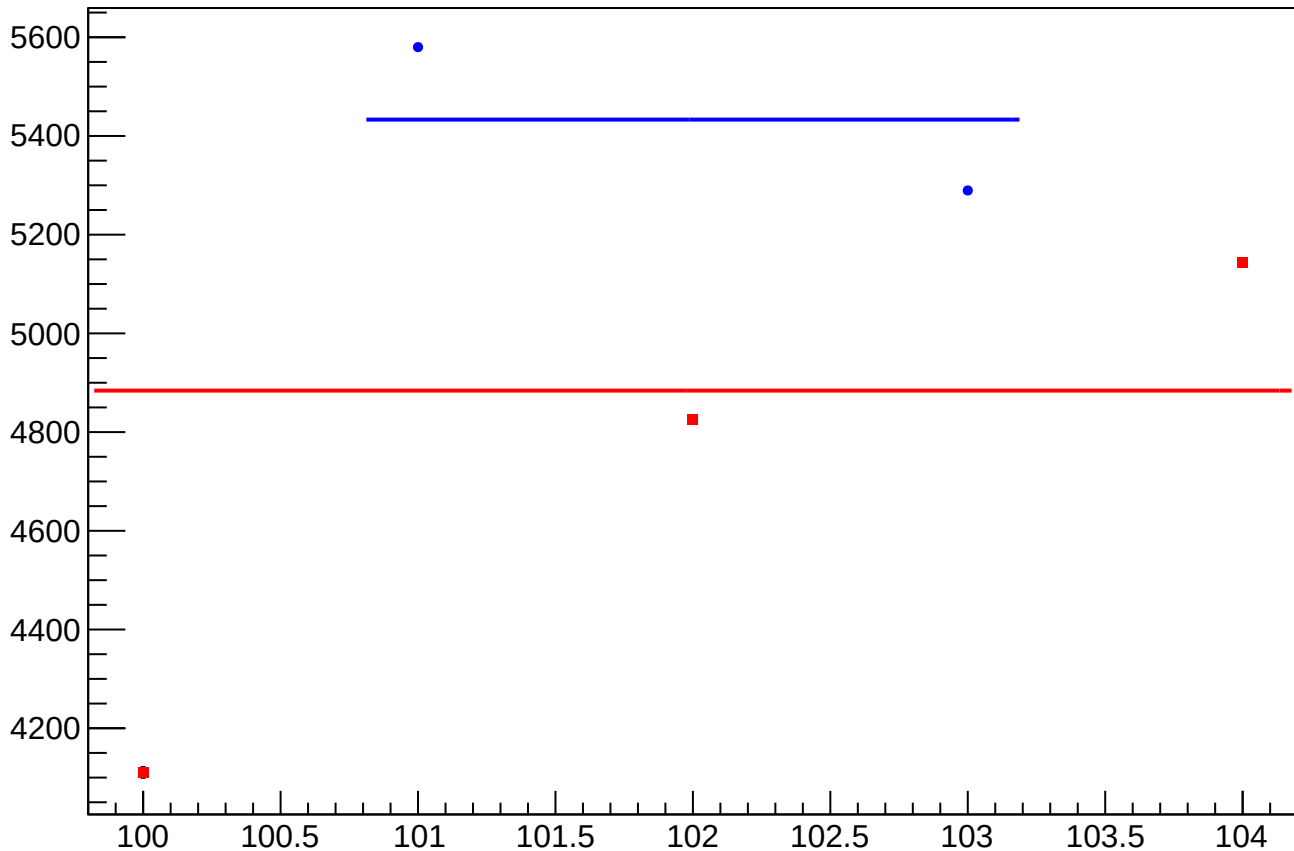
All: 0.905+/-0.000 χ^2/NDF : 3500.6/4

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -96686.116 $\pm$ 4.935 χ^2 /NDF: 7147800.1/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: -89648.681 $\pm$ 4.449 χ^2 /NDF: 85959864.7/2
 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: -92803.649 $\pm$ 3.304 χ^2 /NDF: 94229566.8/4
 In: -96686.116 $\pm$ 4.935 χ^2 /NDF: 7147800.1/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -92803.649 $\pm$ 3.304 χ^2 /NDF: 94229566.8/4

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: 4884.079 +/- 3.146 χ^2/NDF : 7835.2/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

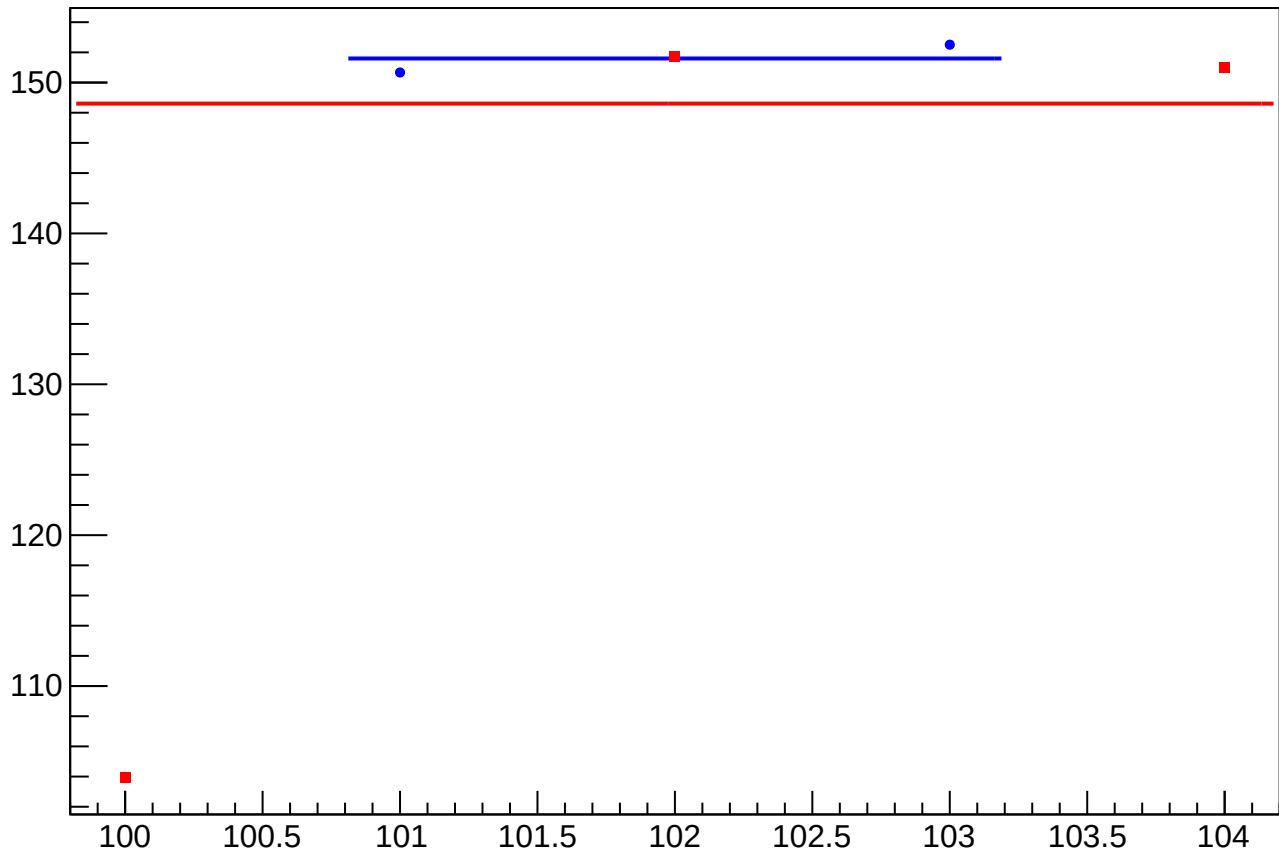
Right: 5130.237 +/- 2.336 χ^2/NDF : 23226.5/4

In: 5433.156 +/- 3.490 χ^2/NDF : 1732.1/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 5130.237 +/- 2.336 χ^2/NDF : 23226.5/4

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: 148.604+/-0.001 χ^2/NDF : 192017469.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

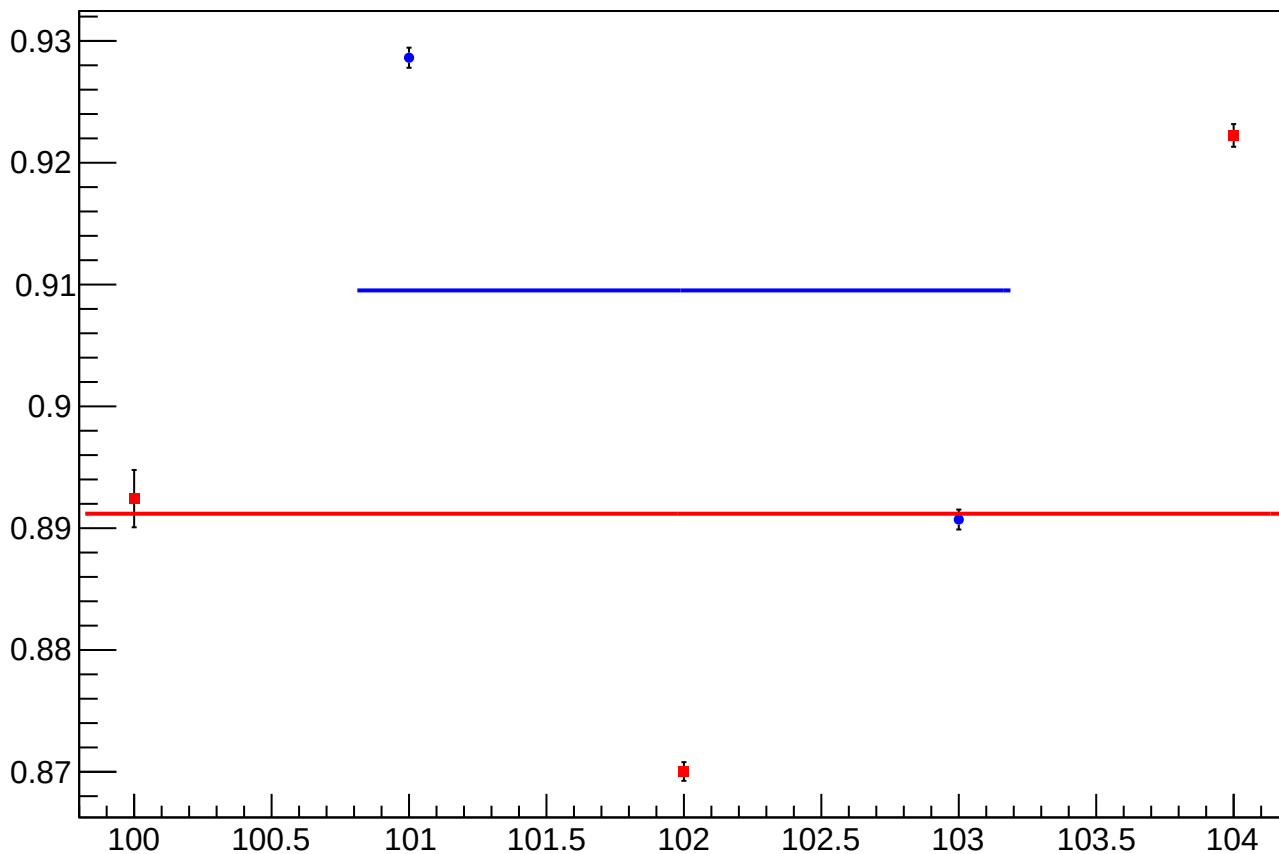
Right: 150.080+/-0.001 χ^2/NDF : 199976727.6/4

In: 151.594+/-0.001 χ^2/NDF : 1257358.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.080+/-0.001 χ^2/NDF : 199976727.6/4

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: 0.891 $\pm$ 0.001 χ^2 /NDF: 1875.0/2

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

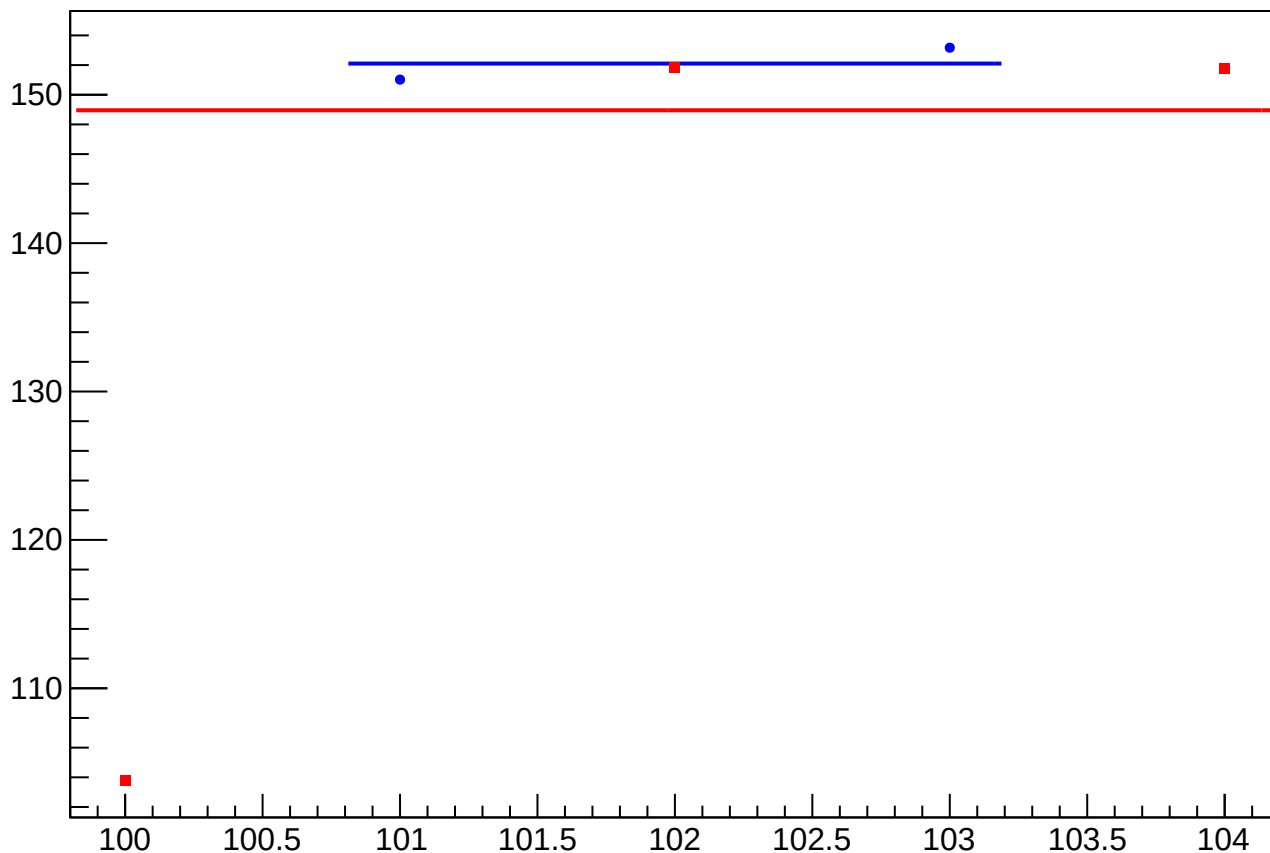
Right: 0.900 $\pm$ 0.000 χ^2 /NDF: 3442.1/4

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: 0.900 $\pm$ 0.000 χ^2 /NDF: 3442.1/4

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 152.102 $\pm$ 0.001 χ^2 /NDF: 1677207.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.955 $\pm$ 0.001 χ^2 /NDF: 193065754.0/2

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

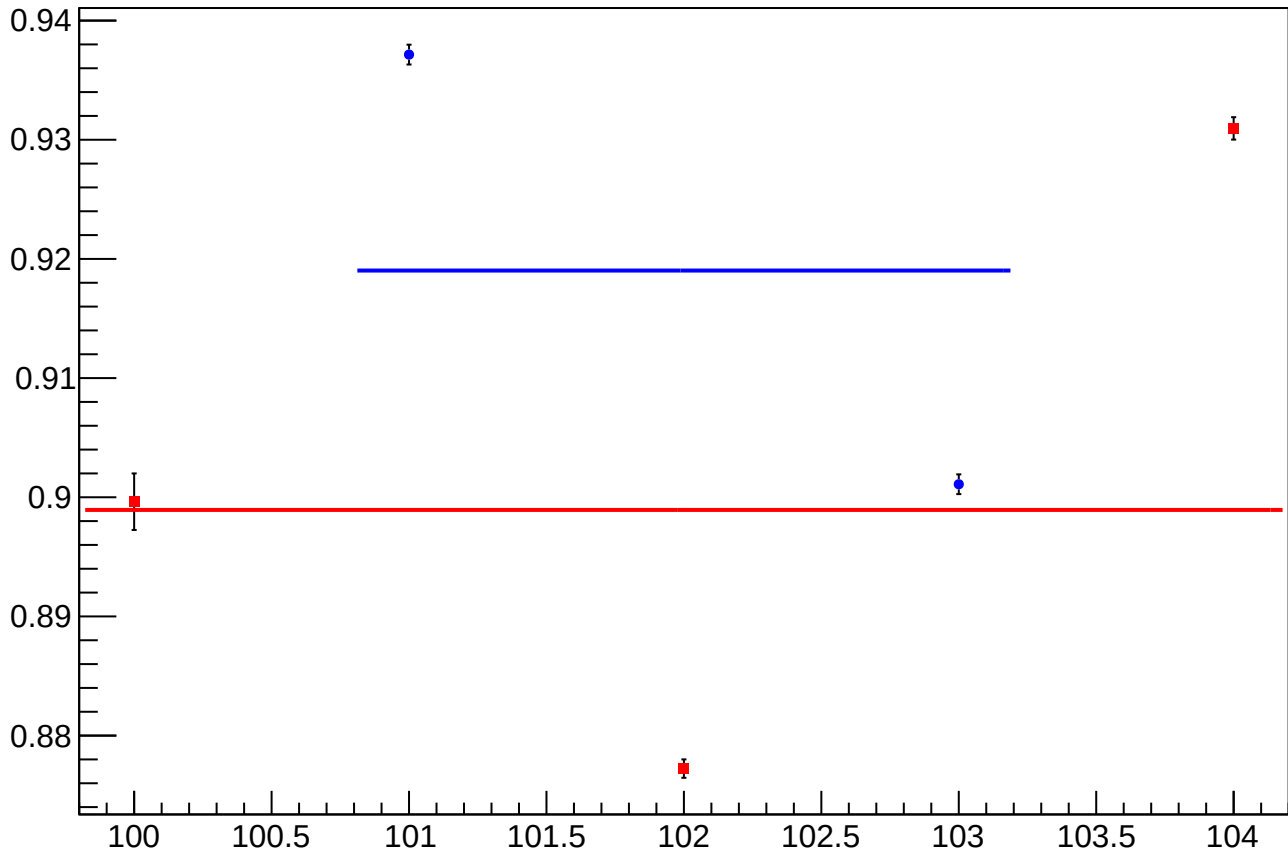
Right: 150.505 $\pm$ 0.001 χ^2 /NDF: 202025709.1/4

In: 152.102 $\pm$ 0.001 χ^2 /NDF:1677207.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 150.505 $\pm$ 0.001 χ^2 /NDF: 202025709.1/4

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: 0.899+/-0.001 χ^2/NDF : 1949.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

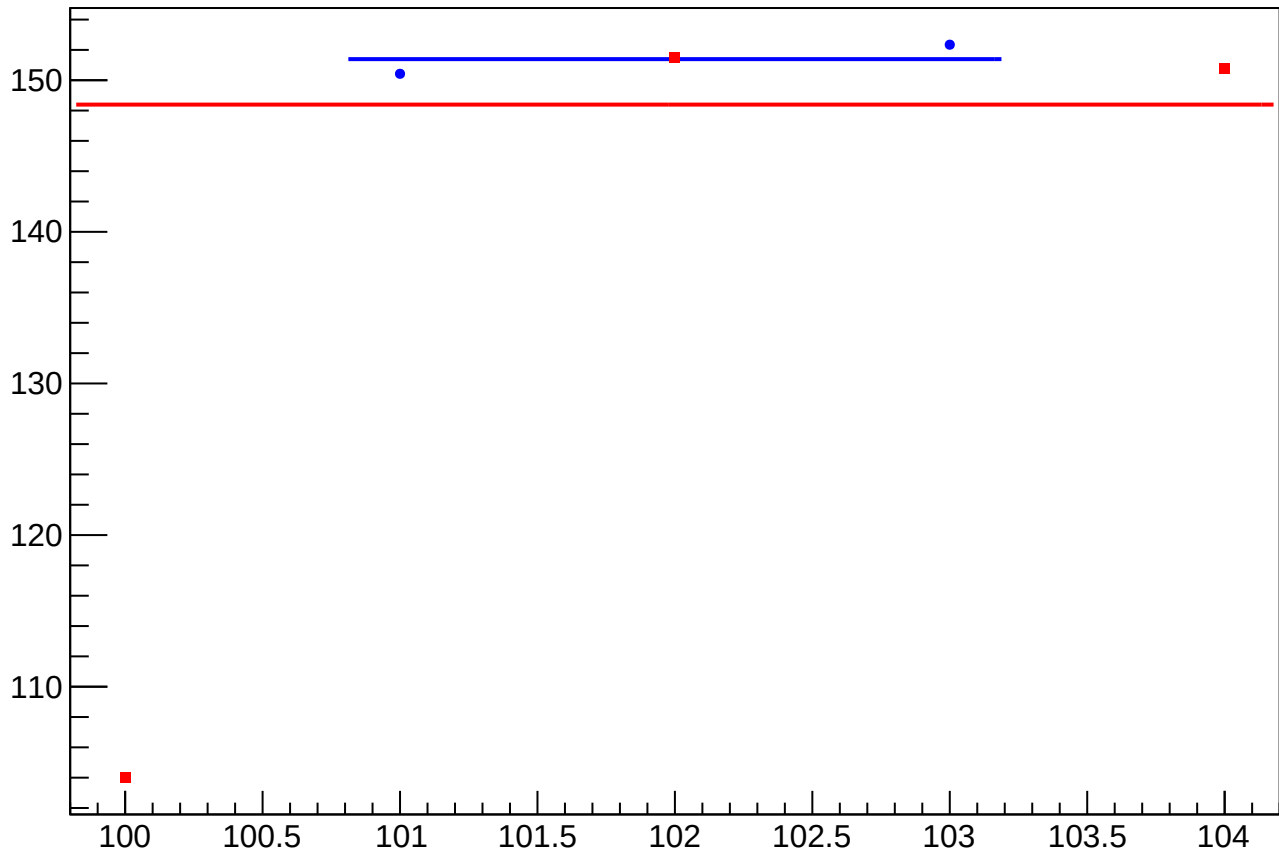
Right: 0.909+/-0.000 χ^2/NDF : 3485.3/4

In: 0.919+/-0.001 χ^2/NDF : 942.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.909+/-0.000 χ^2/NDF : 3485.3/4

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 151.391 $\pm$ 0.001 χ^2 /NDF: 1348252.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.392 $\pm$ 0.001 χ^2 /NDF: 189181225.7/2

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

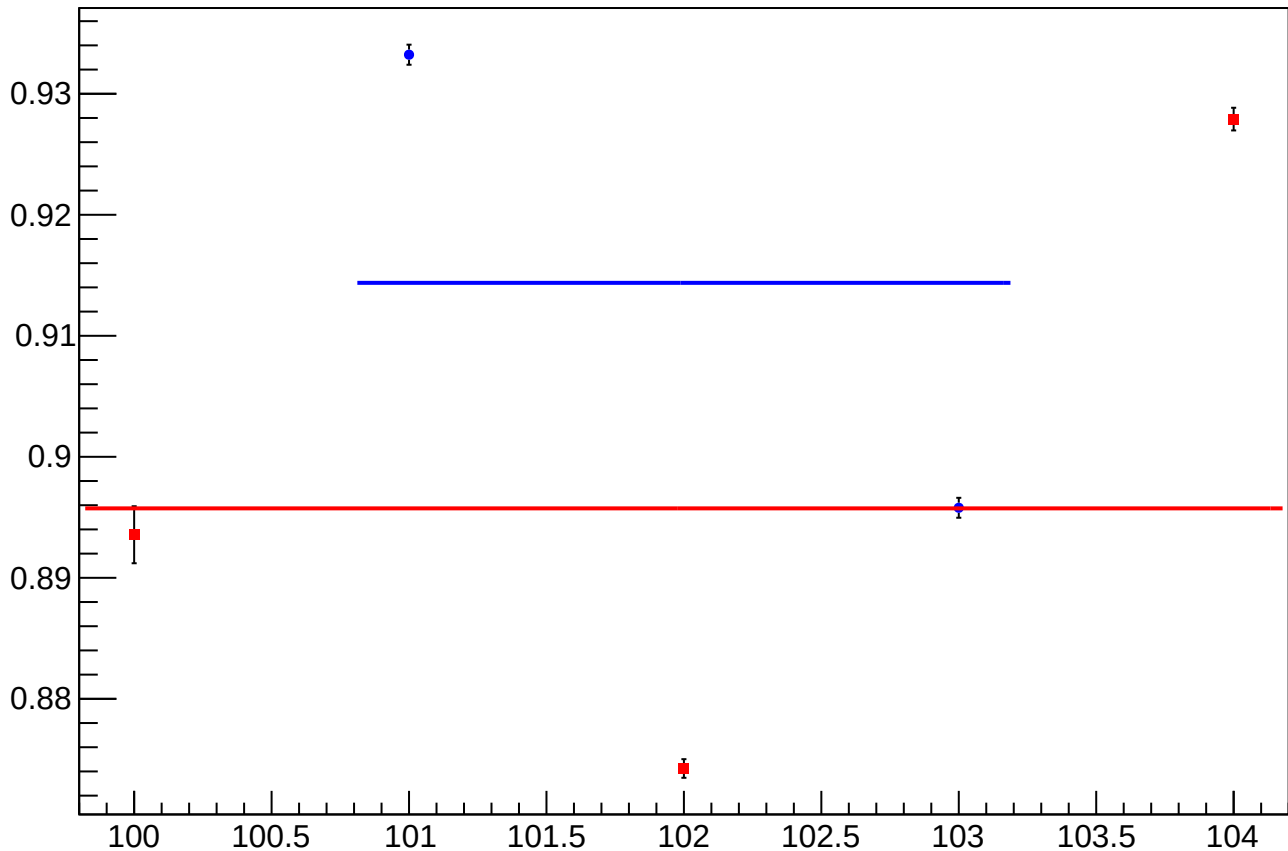
Right: 149.872 $\pm$ 0.001 χ^2 /NDF: 197199955.2/4

In: 151.391 $\pm$ 0.001 χ^2 /NDF:1348252.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.872 $\pm$ 0.001 χ^2 /NDF: 197199955.2/4

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.896+/-0.001 χ^2/NDF : 1959.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

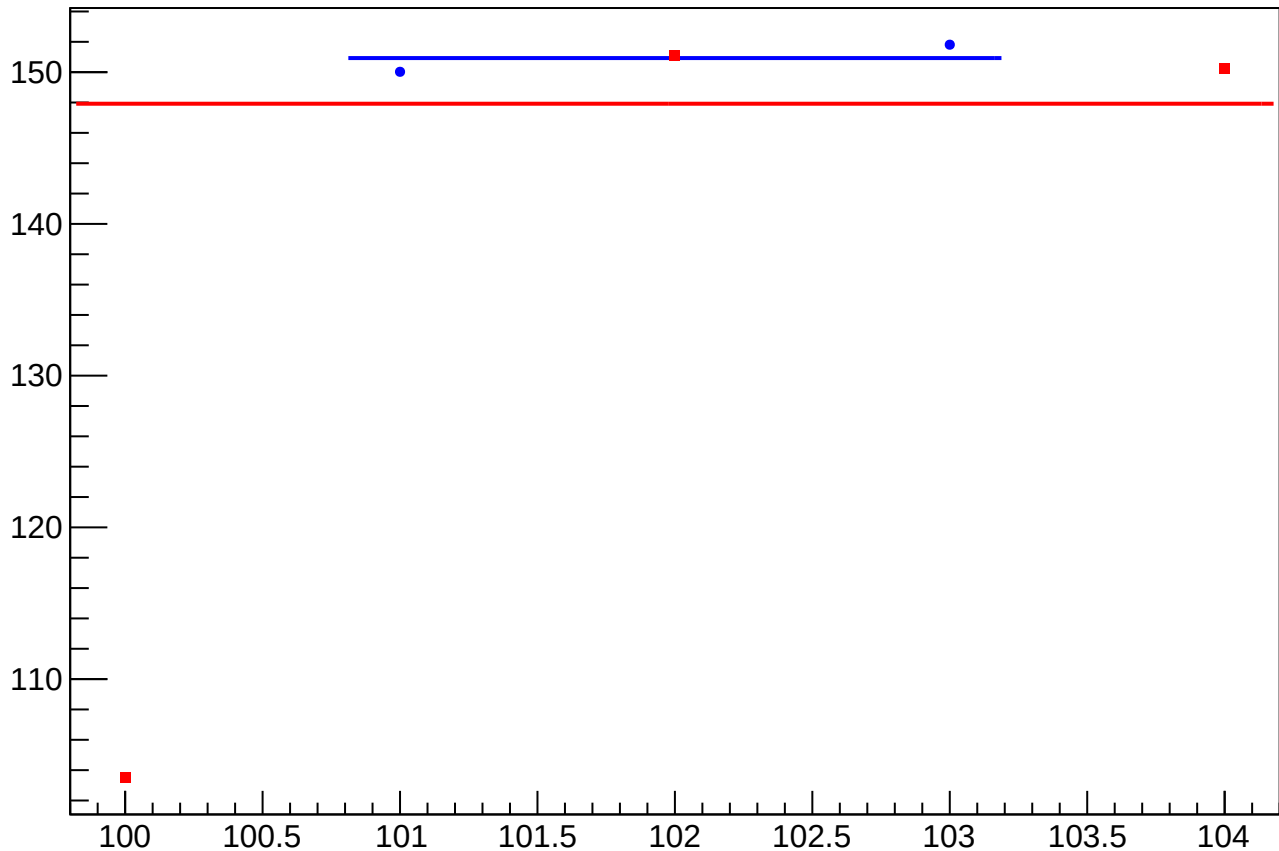
Right: 0.905+/-0.000 χ^2/NDF : 3500.6/4

In: 0.914+/-0.001 χ^2/NDF : 1026.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.905+/-0.000 χ^2/NDF : 3500.6/4

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.929 ± 0.001 $\chi^2/\text{NDF}: 1156571.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 147.921 ± 0.001 $\chi^2/\text{NDF}: 187664805.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

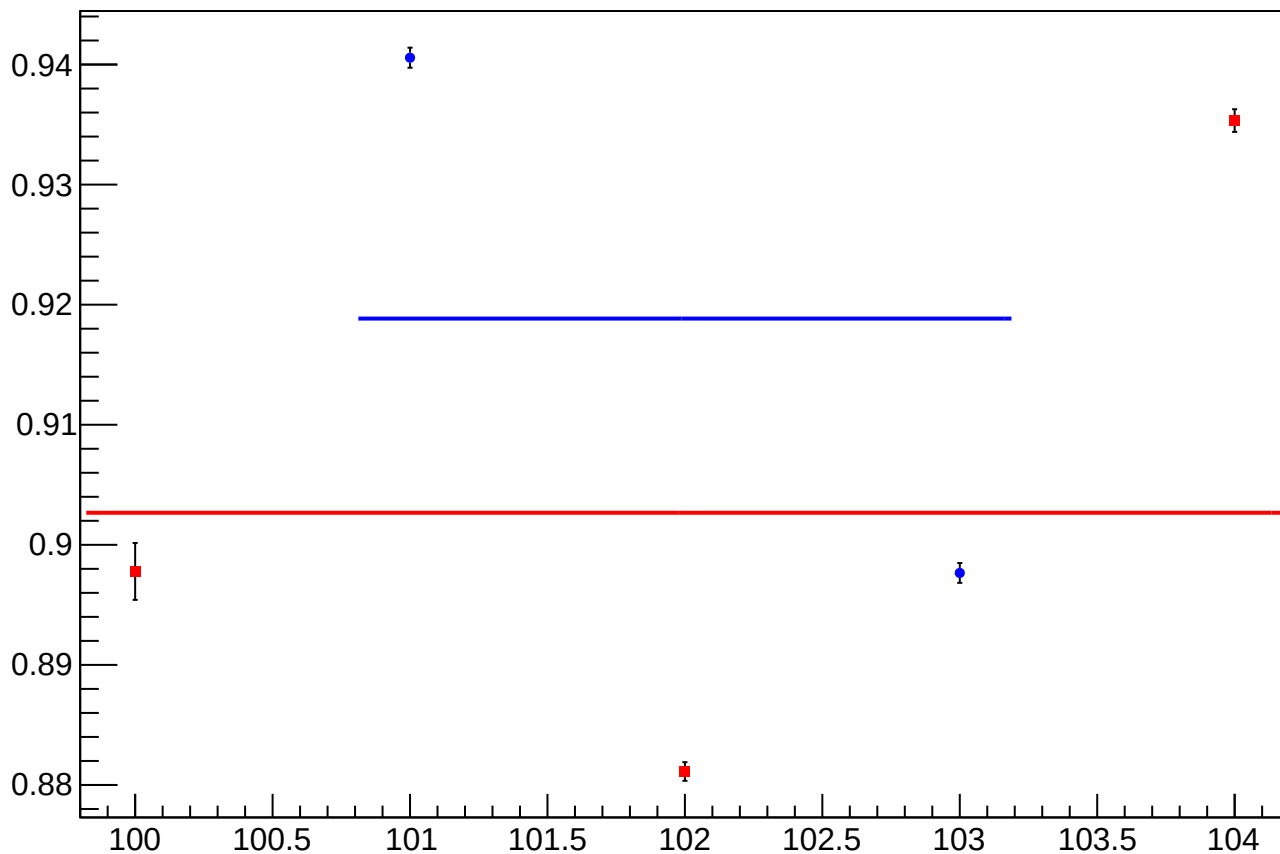
Right: 149.409 ± 0.001 $\chi^2/\text{NDF}: 195453372.2/4$

In: 150.929 ± 0.001 $\chi^2/\text{NDF}: 1156571.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 149.409 ± 0.001 $\chi^2/\text{NDF}: 195453372.2/4$

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.919 $\pm$ 0.001 χ^2 /NDF: 1334.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.903 $\pm$ 0.001 χ^2 /NDF: 1972.3/2

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

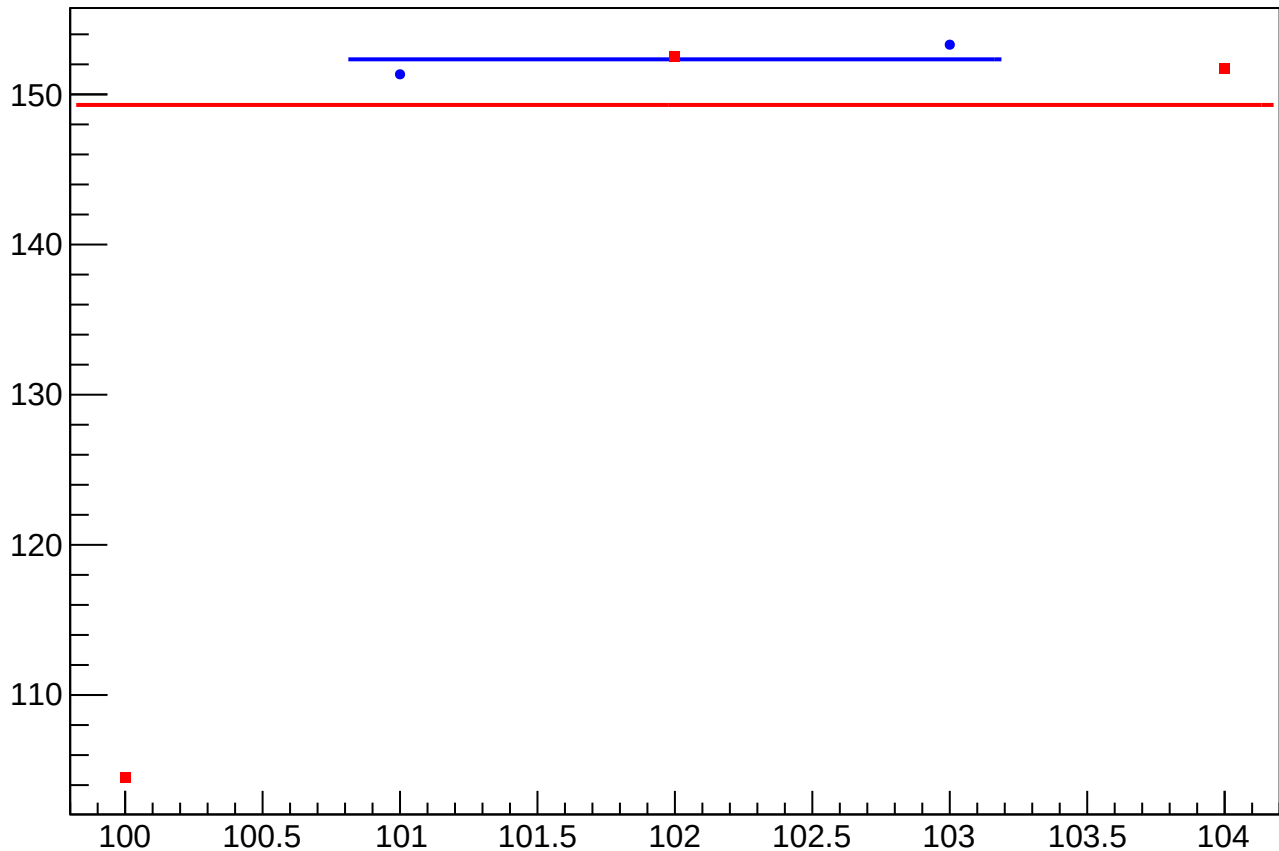
Right: 0.911 $\pm$ 0.000 χ^2 /NDF: 3690.2/4

In: 0.919 $\pm$ 0.001 χ^2 /NDF:1334.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.911 $\pm$ 0.000 χ^2 /NDF: 3690.2/4

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 152.335 $\pm$ 0.001 χ^2 /NDF: 1364940.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.297 $\pm$ 0.001 χ^2 /NDF: 186775582.7/2

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

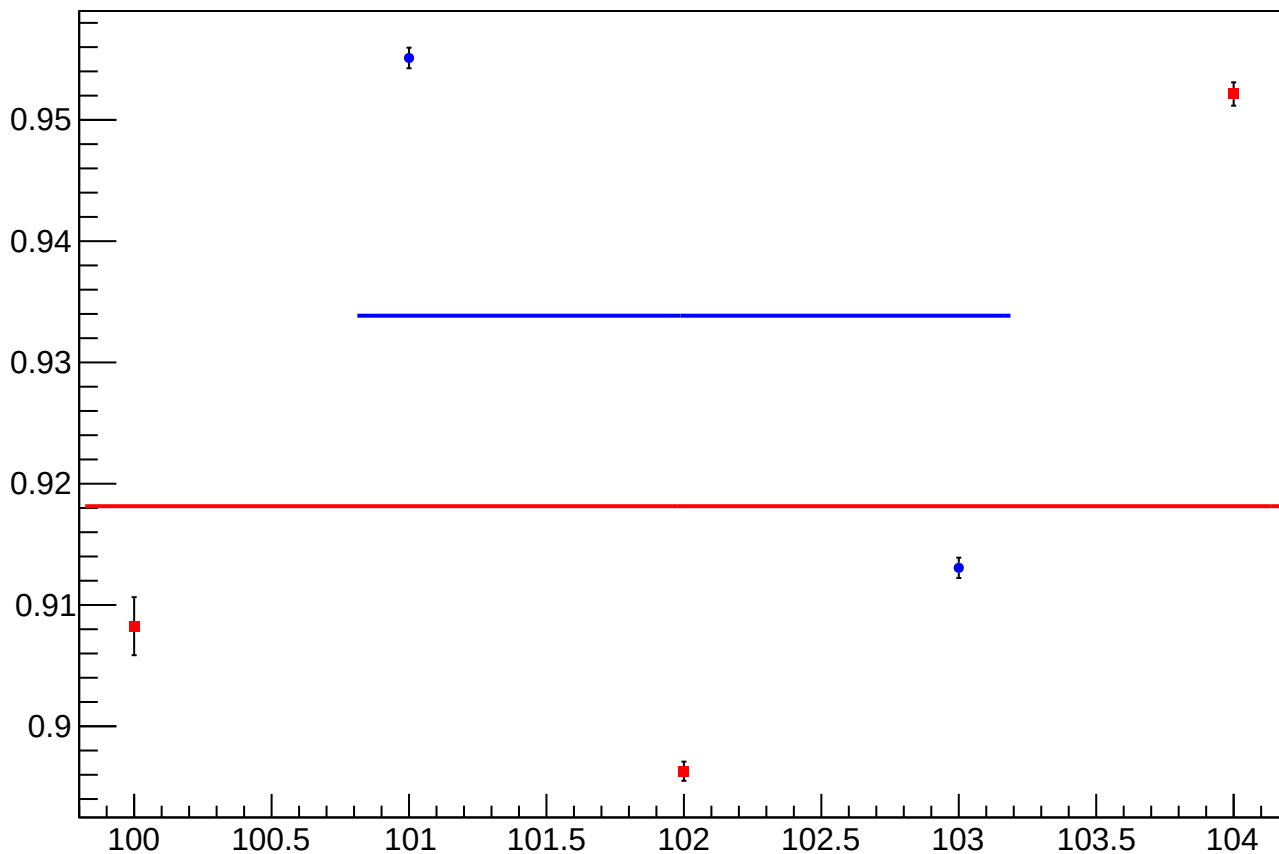
Right: 150.801 $\pm$ 0.001 χ^2 /NDF: 194678897.8/4

In: 152.335 $\pm$ 0.001 χ^2 /NDF: 1364940.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.801 $\pm$ 0.001 χ^2 /NDF: 194678897.8/4

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: 0.918+/-0.001 χ^2/NDF : 2034.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

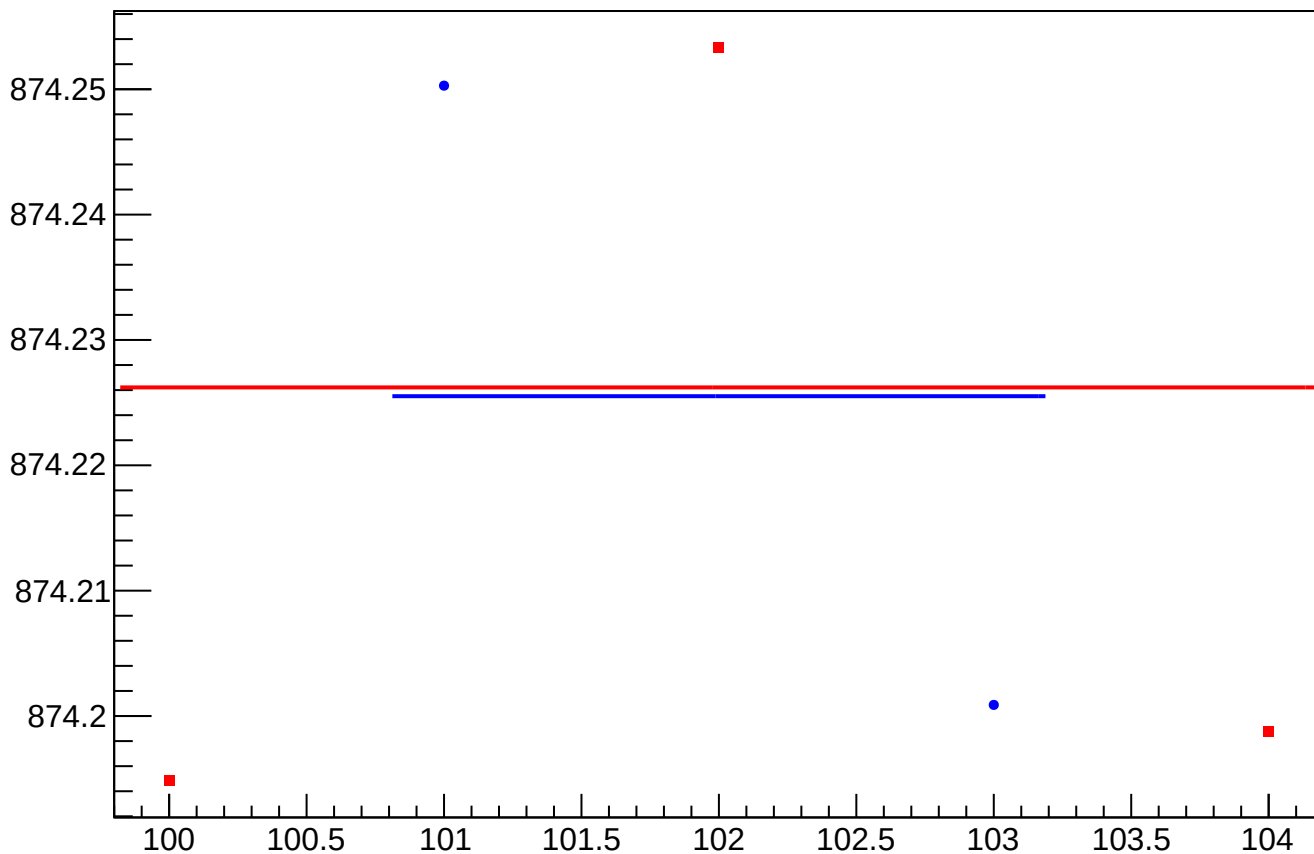
Right: 0.926+/-0.000 χ^2/NDF : 3624.3/4

In: 0.934+/-0.001 χ^2/NDF : 1240.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.926+/-0.000 χ^2/NDF : 3624.3/4

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: 874.226+/-0.000 χ^2/NDF : 5338705.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

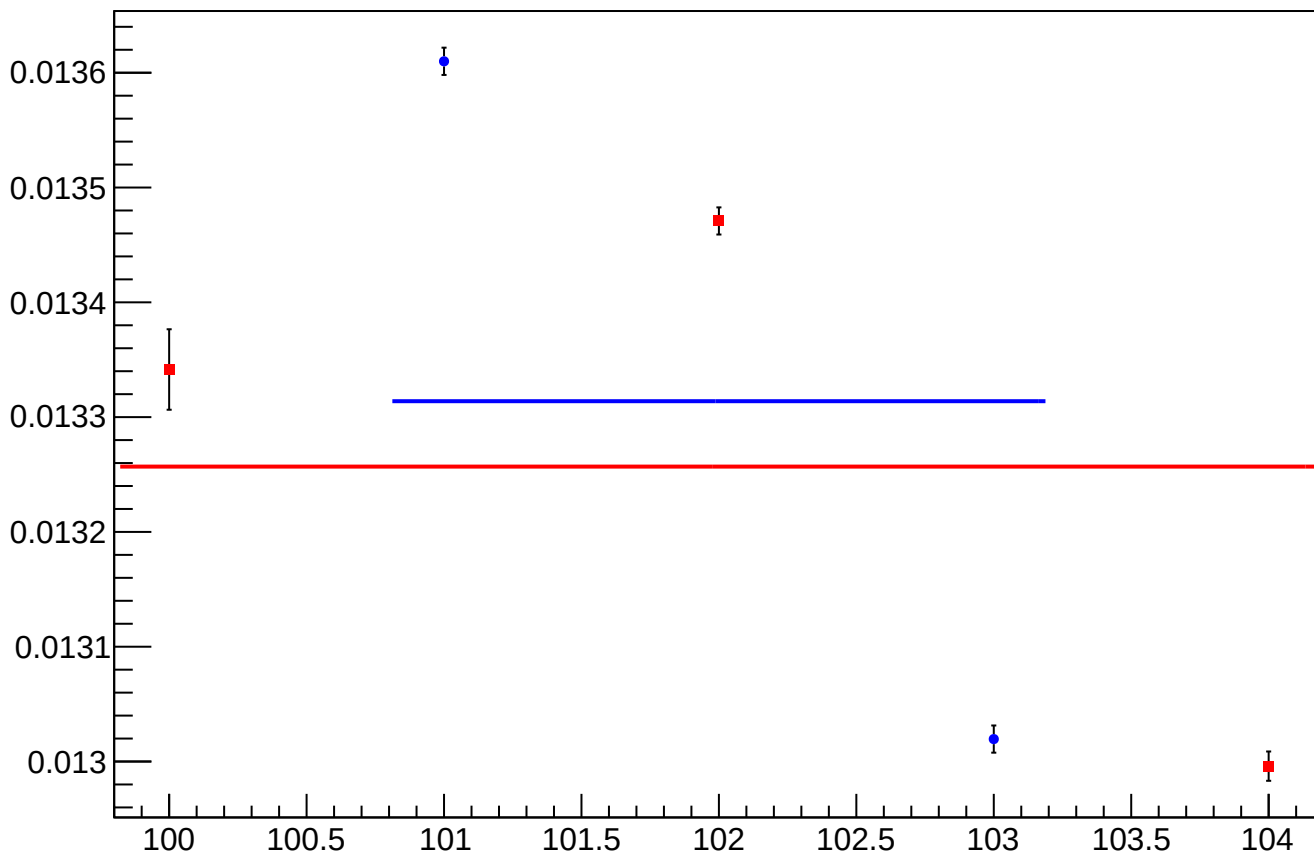
Right: 874.226+/-0.000 χ^2/NDF : 9678444.7/4

In: 874.226+/-0.000 χ^2/NDF : 4337994.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 874.226+/-0.000 χ^2/NDF : 9678444.7/4

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 : 751.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

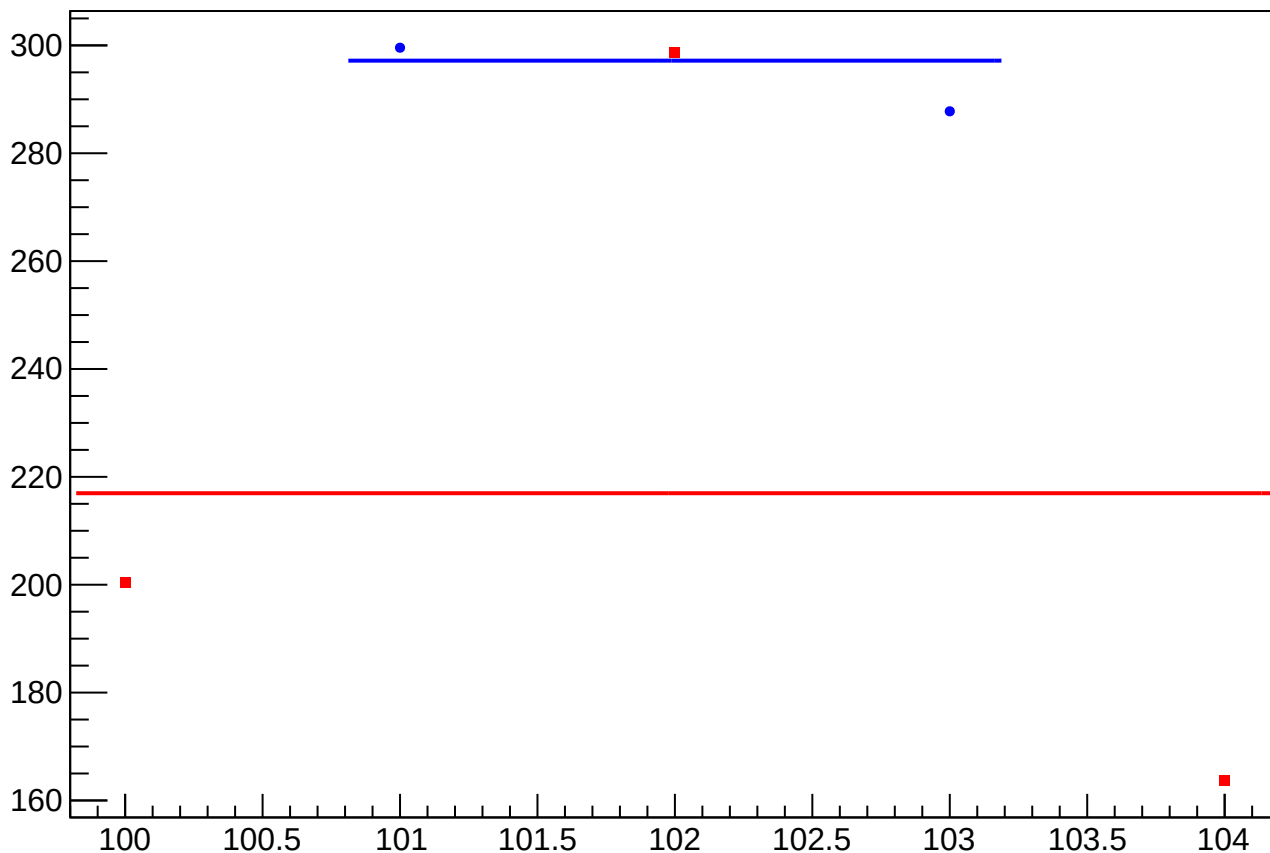
Right: 0.013+/-0.000 χ^2/NDF : 2013.9/4

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 : 2013.9/4

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: 216.966 $\pm$ 0.007 χ^2 /NDF: 91340194.6/2

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

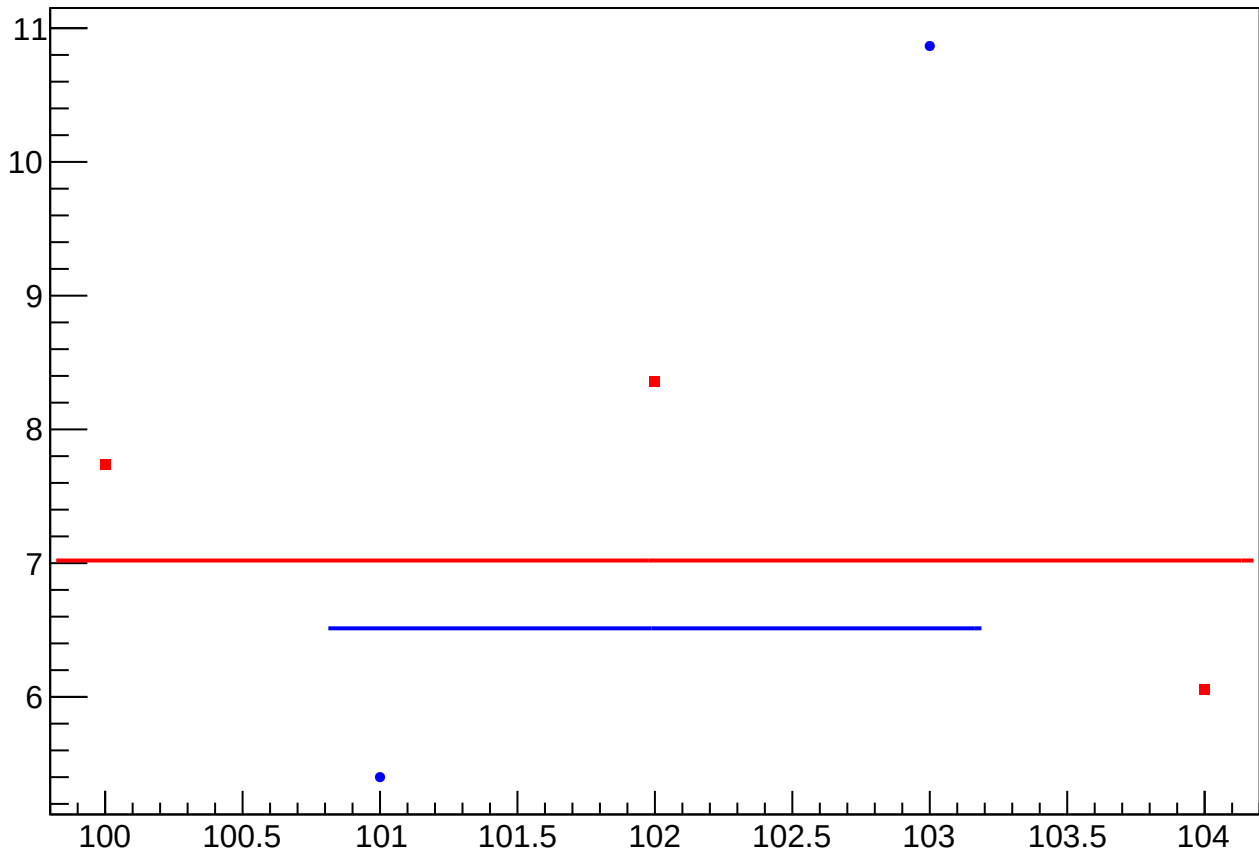
Right: 259.444 $\pm$ 0.005 χ^2 /NDF: 166765201.0/4

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: 259.444 $\pm$ 0.005 χ^2 /NDF: 166765201.0/4

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: 7.020+/-0.005 χ^2/NDF : 54280.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

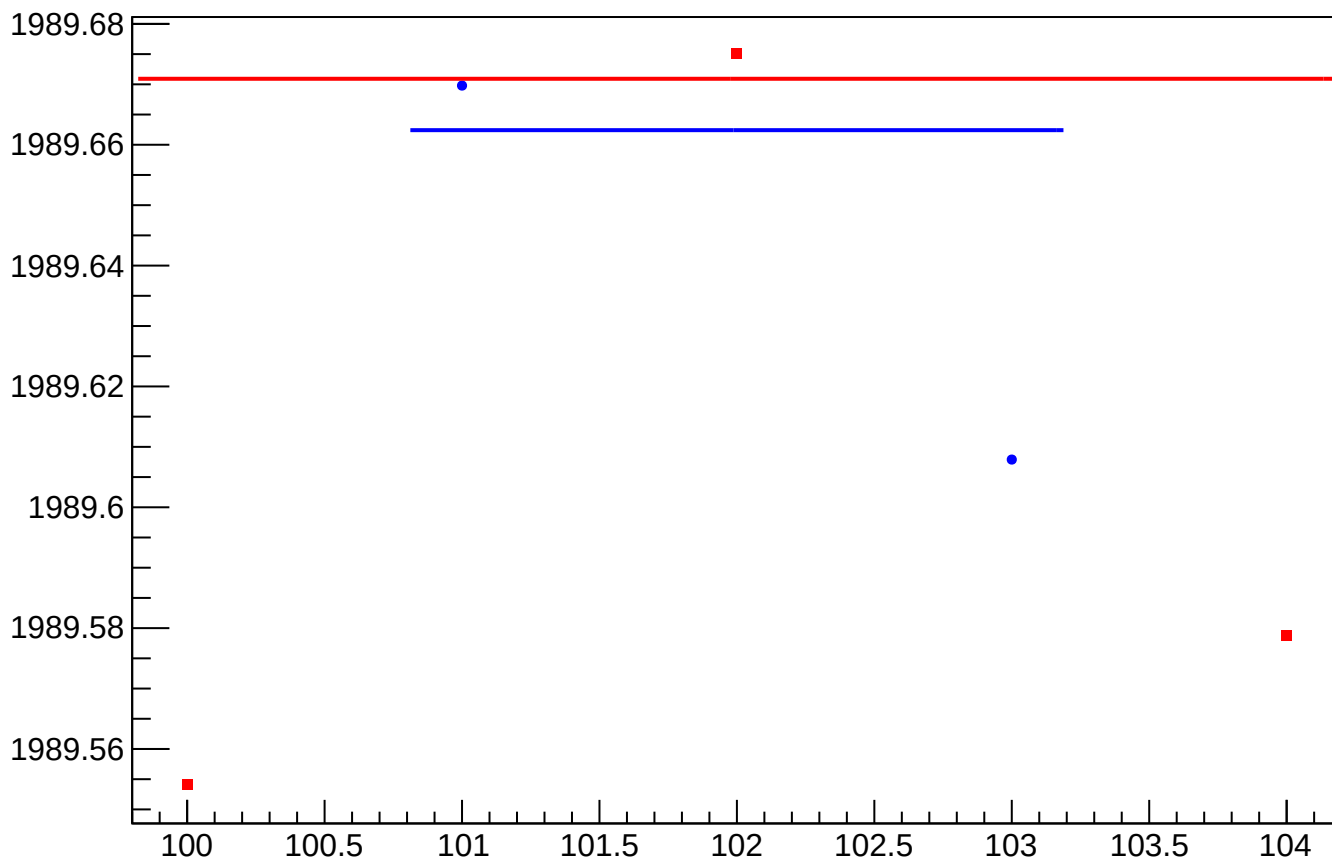
Right: 6.751+/-0.003 χ^2/NDF : 299971.0/4

In: 6.513+/-0.004 χ^2/NDF : 239705.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.751+/-0.003 χ^2/NDF : 299971.0/4

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1989.662+/-0.000 χ^2/NDF : 210846.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1989.671+/-0.000 χ^2/NDF : 196108.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

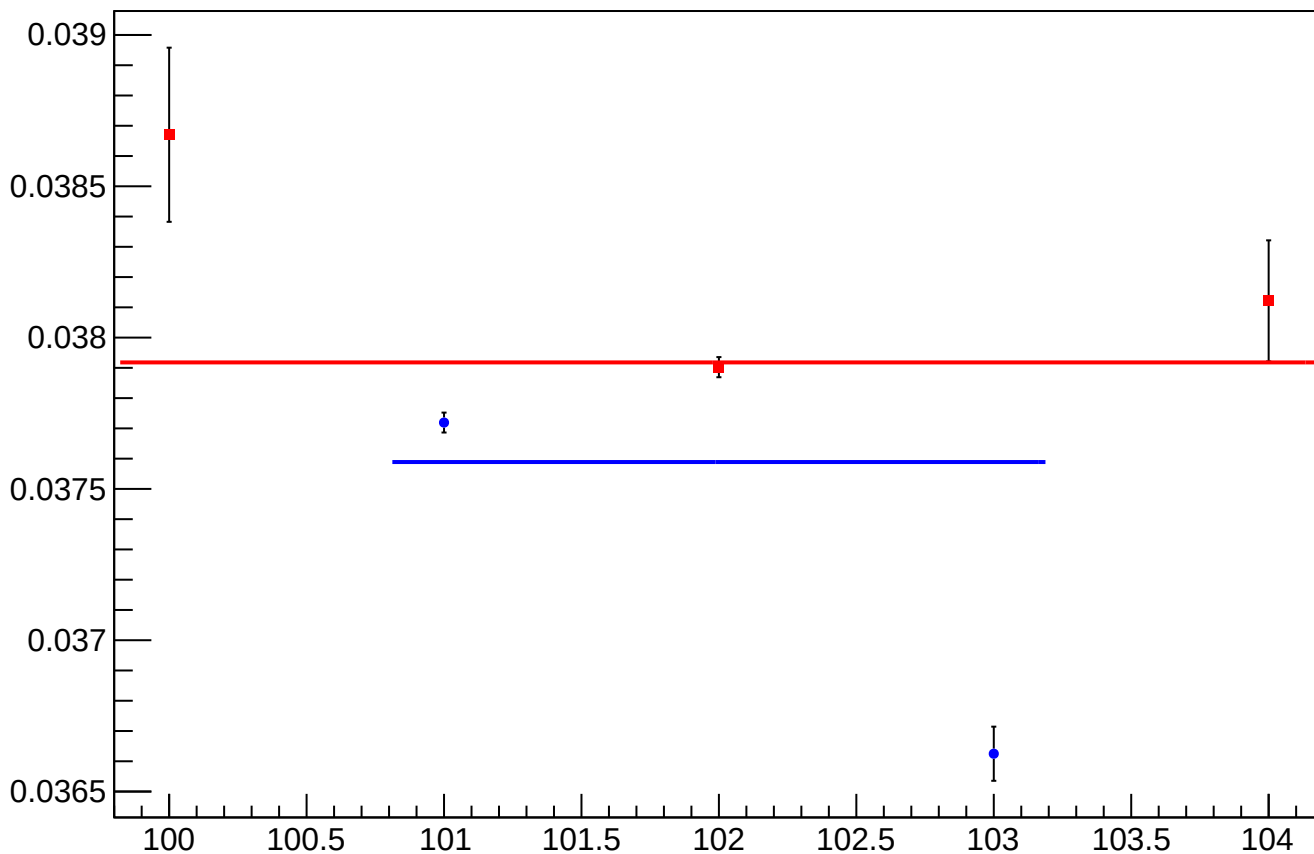
Right: 1989.666+/-0.000 χ^2/NDF : 424890.0/4

In: 1989.662+/-0.000 χ^2/NDF : 210846.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.666+/-0.000 χ^2/NDF : 424890.0/4

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.038+/-0.000 χ^2/NDF : 131.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.038+/-0.000 χ^2/NDF : 8.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

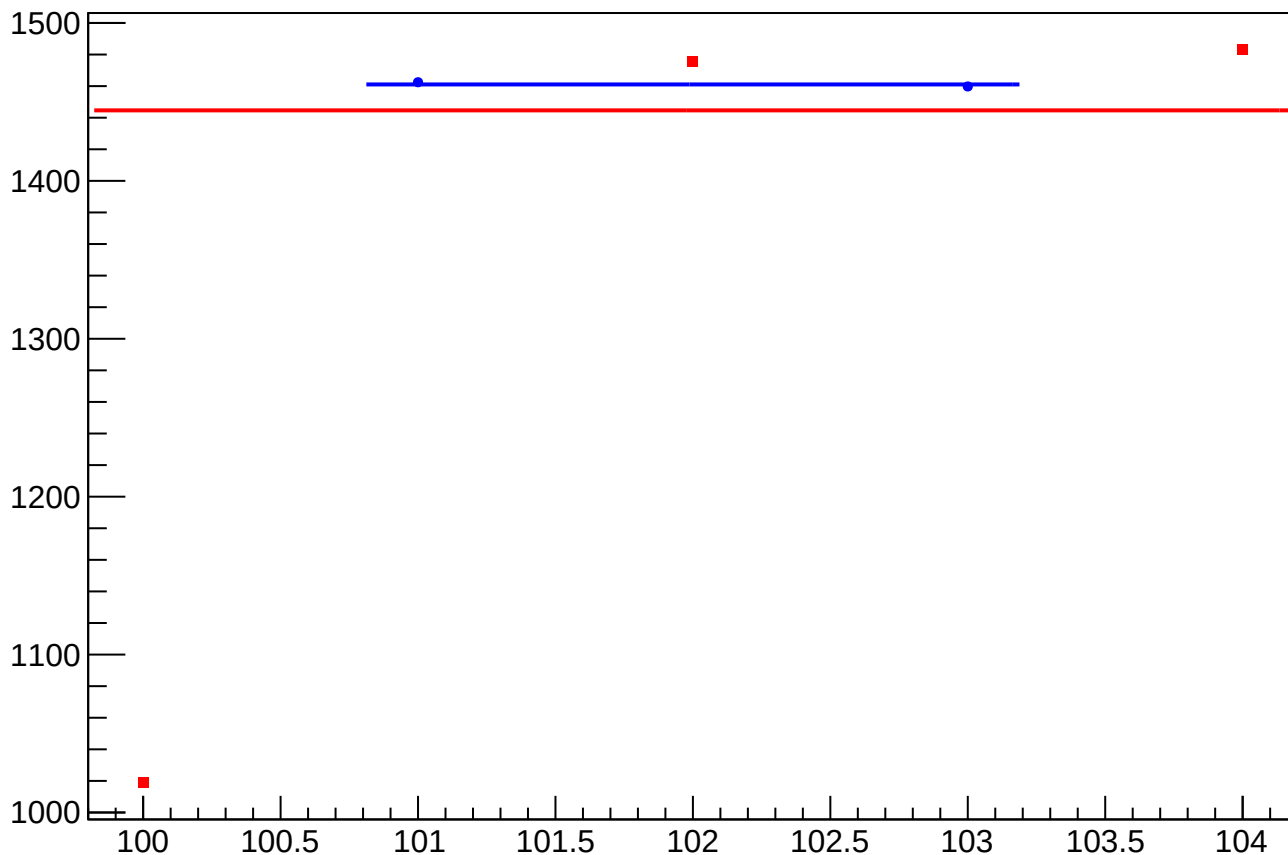
Right: 0.038+/-0.000 χ^2/NDF : 193.7/4

In: 0.038+/-0.000 χ^2/NDF : 131.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 193.7/4

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1461.068+/-0.011 χ^2/NDF : 15046.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.647+/-0.010 χ^2/NDF : 136915441.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

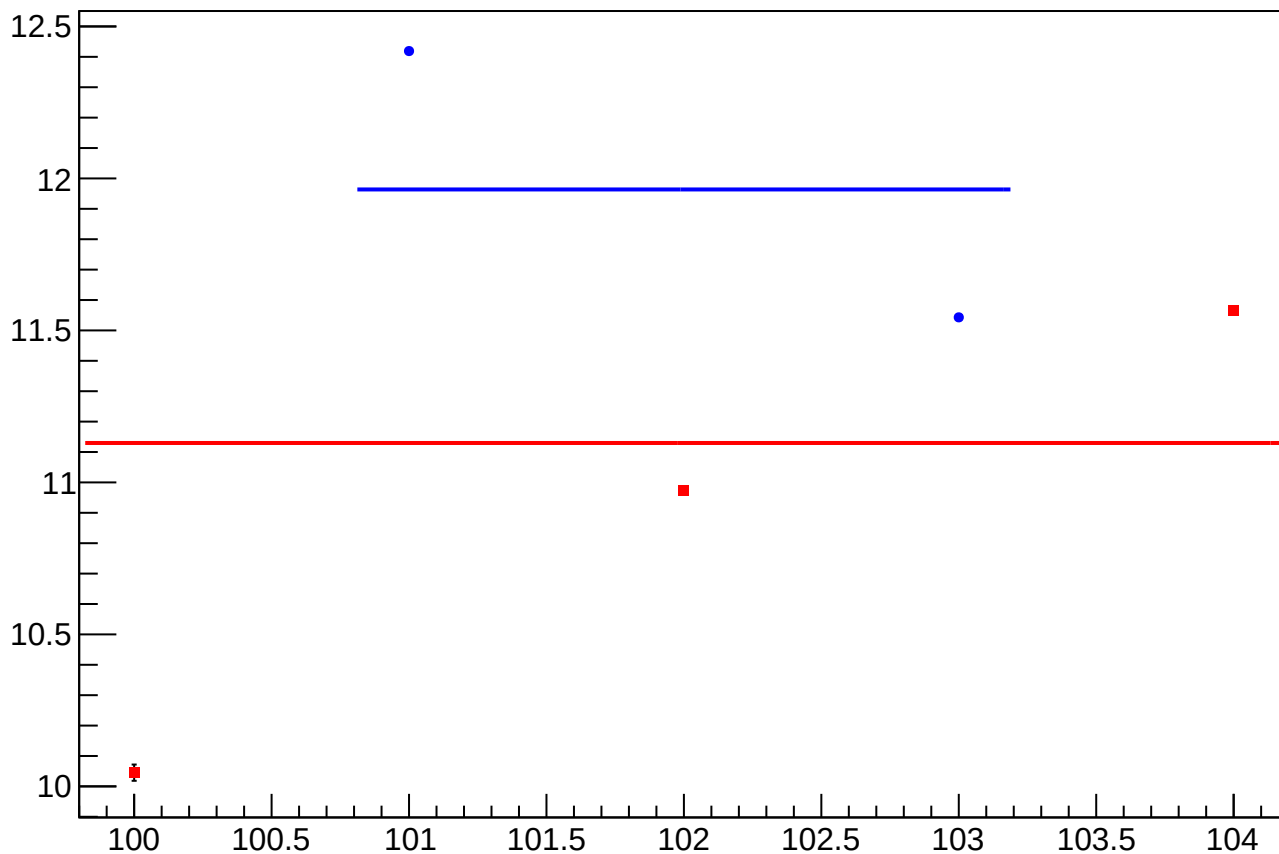
Right: 1452.367+/-0.007 χ^2/NDF : 138132431.7/4

In: 1461.068+/-0.011 χ^2/NDF : 15046.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.367+/-0.007 χ^2/NDF : 138132431.7

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 11.964 $\pm$ 0.008 χ^2 /NDF: 3222.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.130 $\pm$ 0.007 χ^2 /NDF: 3254.3/2

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

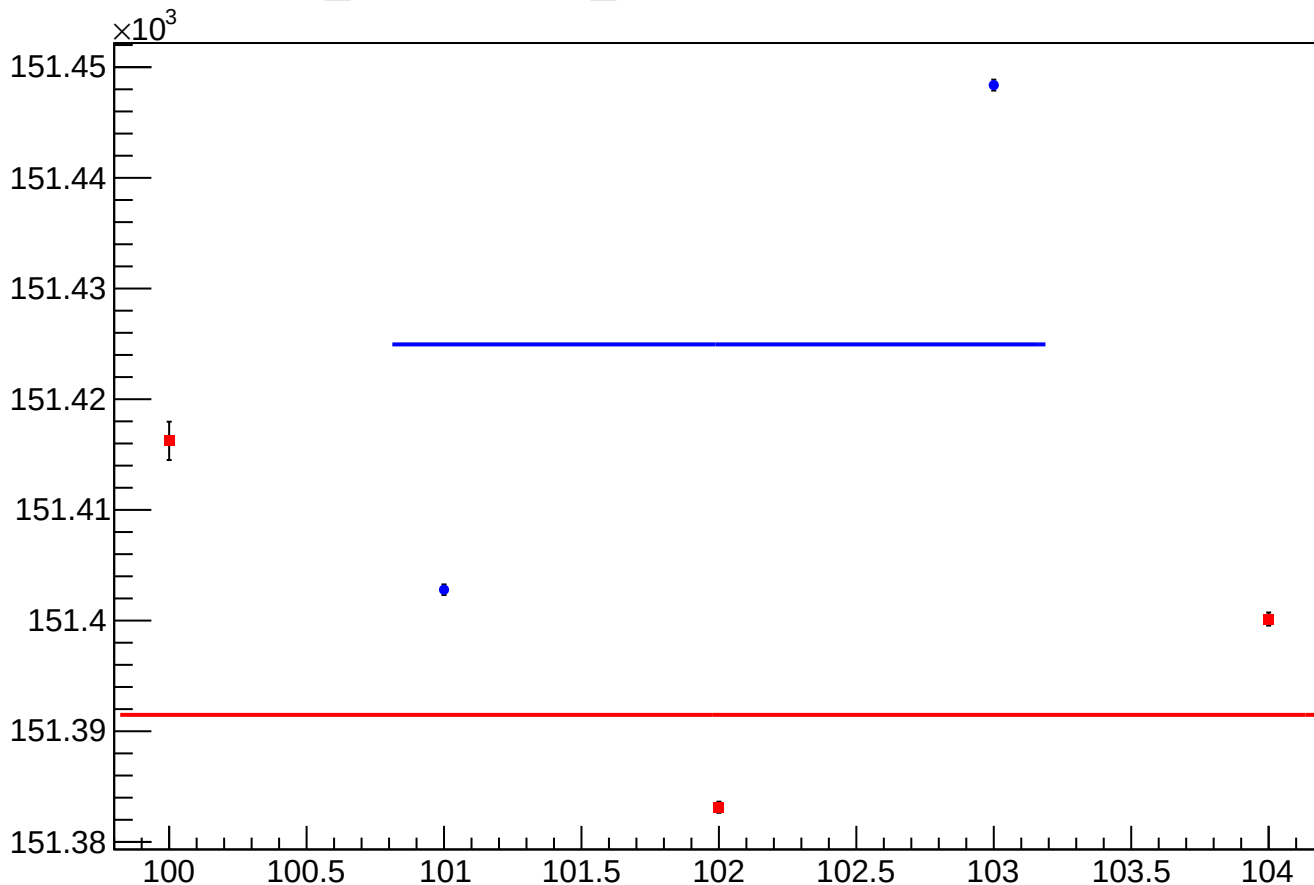
Right: 11.522 $\pm$ 0.005 χ^2 /NDF: 12678.8/4

In: 11.964 $\pm$ 0.008 χ^2 /NDF:3222.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.522 $\pm$ 0.005 χ^2 /NDF: 12678.8/4

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: 151391.481 $\pm$ 0.373 χ^2 /NDF: 697.1/2

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

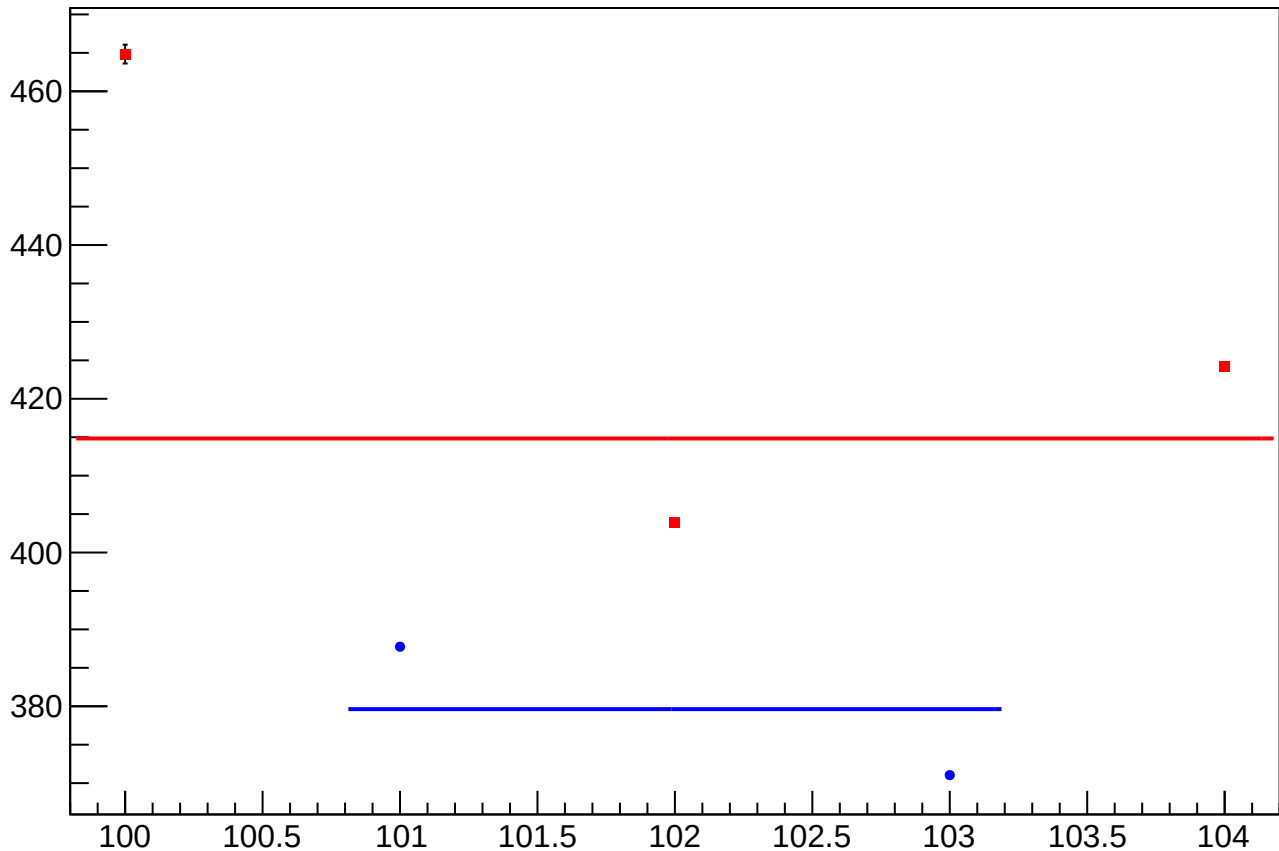
Right: 151409.612 $\pm$ 0.253 χ^2 /NDF: 9468.5/4

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: 151409.612 $\pm$ 0.253 χ^2 /NDF: 9468.5/4

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 379.627 $\pm$ 0.243 χ^2 /NDF: 1184.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.839 $\pm$ 0.264 χ^2 /NDF: 3132.1/2

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

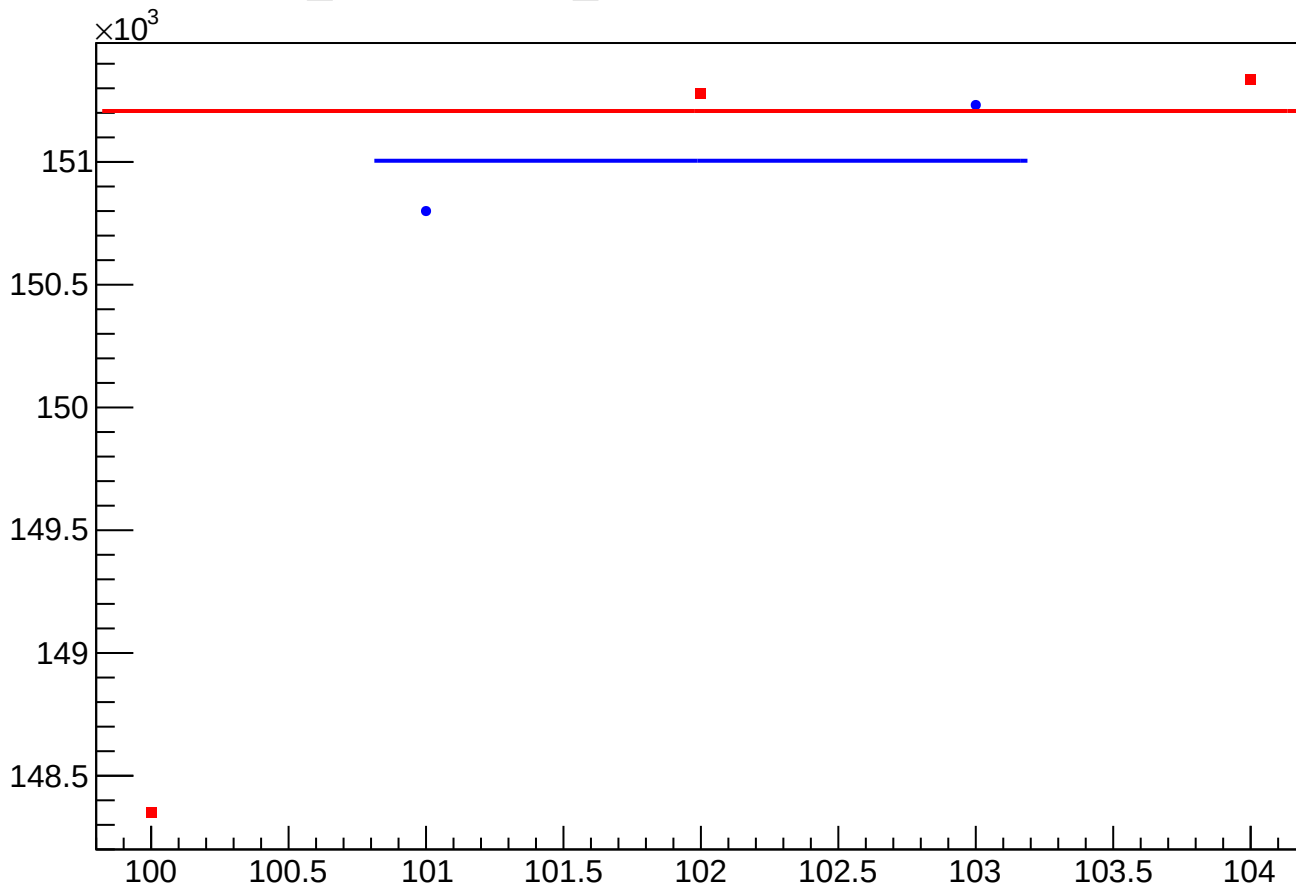
Right: 395.765 $\pm$ 0.179 χ^2 /NDF: 13969.4/4

In: 379.627 $\pm$ 0.243 χ^2 /NDF: 1184.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

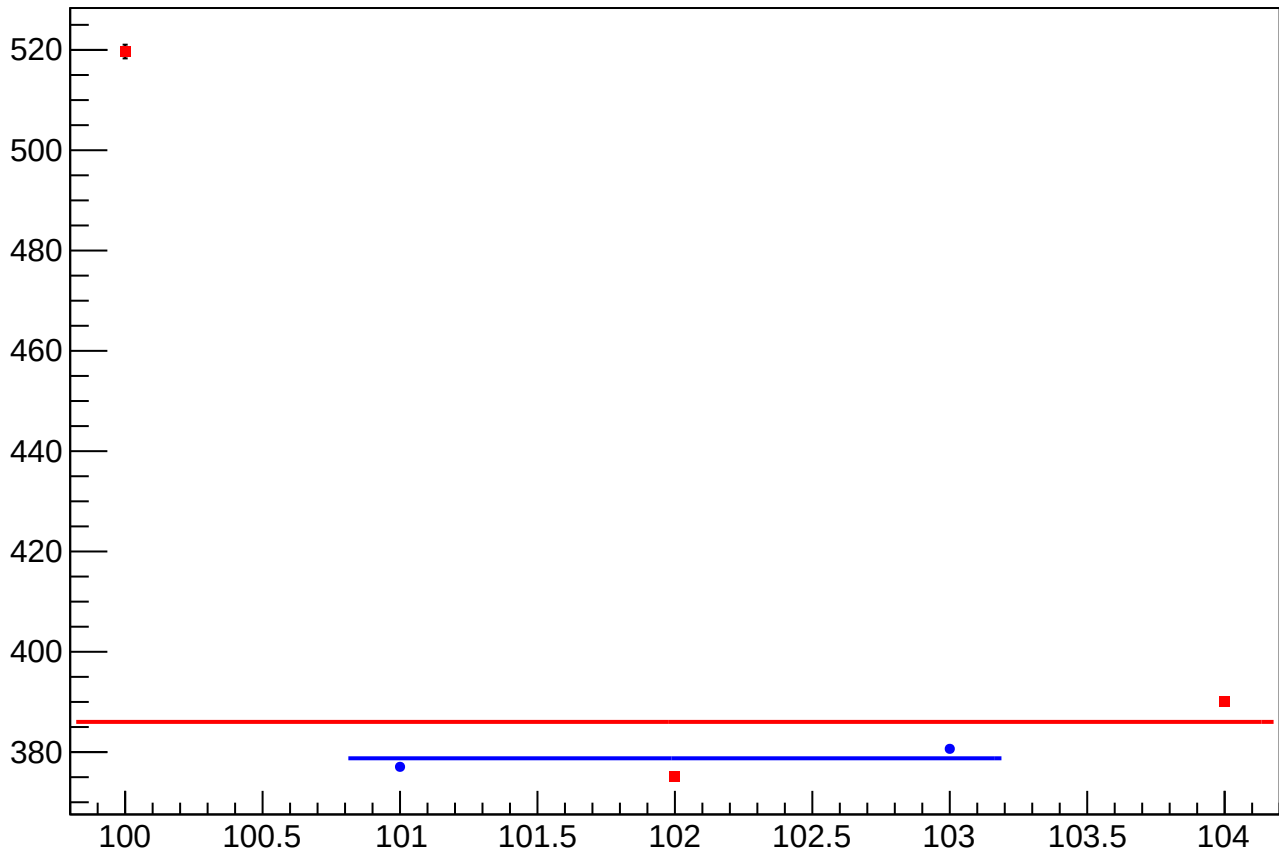
All: 395.765 $\pm$ 0.179 χ^2 /NDF: 13969.4/4

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1
 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: 151103.212 $\pm$ 0.242 χ^2 /NDF: 2841997.6/4
 Right Out: 151207.548 $\pm$ 0.348 χ^2 /NDF: 2258393.0/2
 In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1
 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: 151103.212 $\pm$ 0.242 χ^2 /NDF: 2841997.6

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 382.285 +/- 0.171 χ^2/NDF : 11244.1/4

In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 382.285 +/- 0.171 χ^2/NDF : 11244.1/4

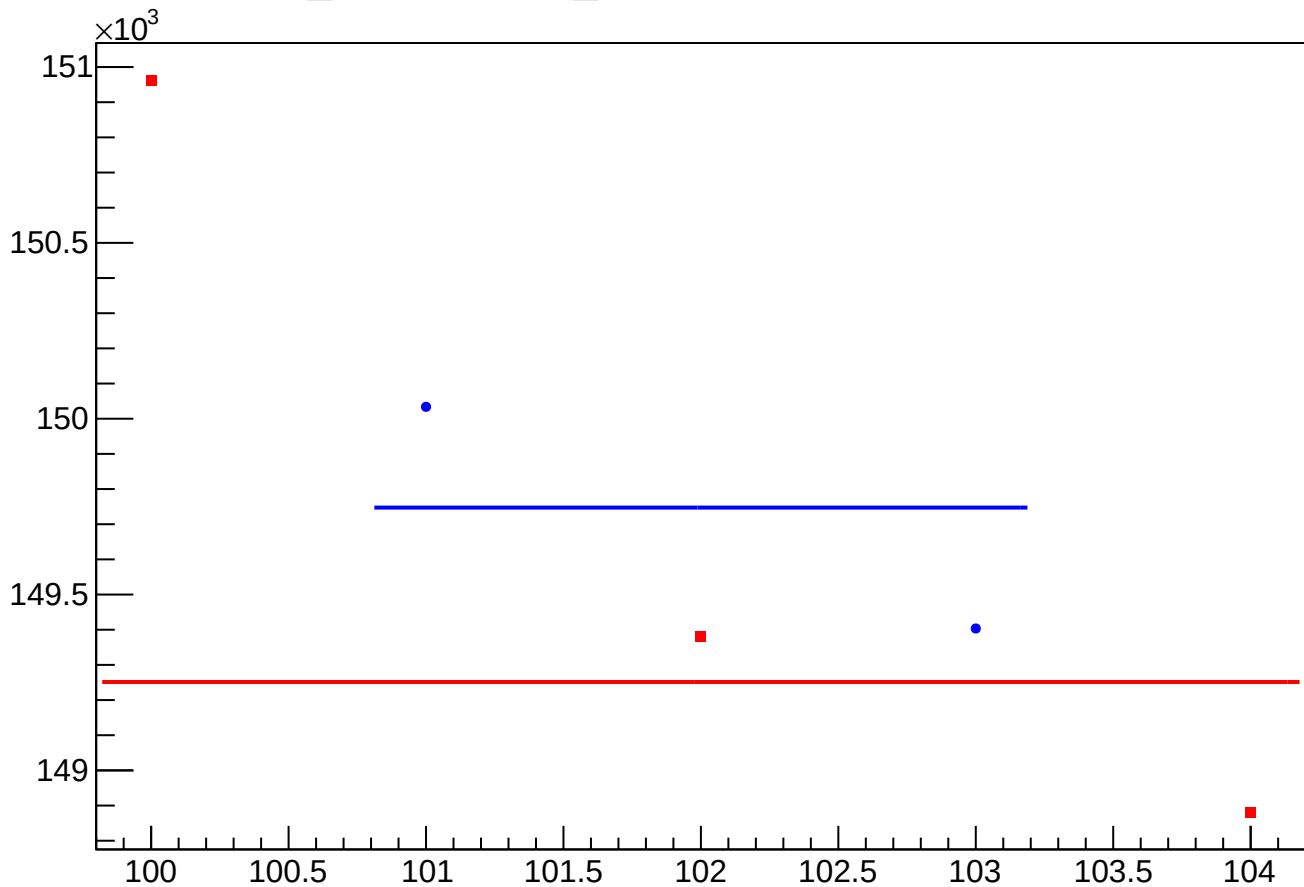
Right In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 386.022 +/- 0.246 χ^2/NDF : 10739.0/2

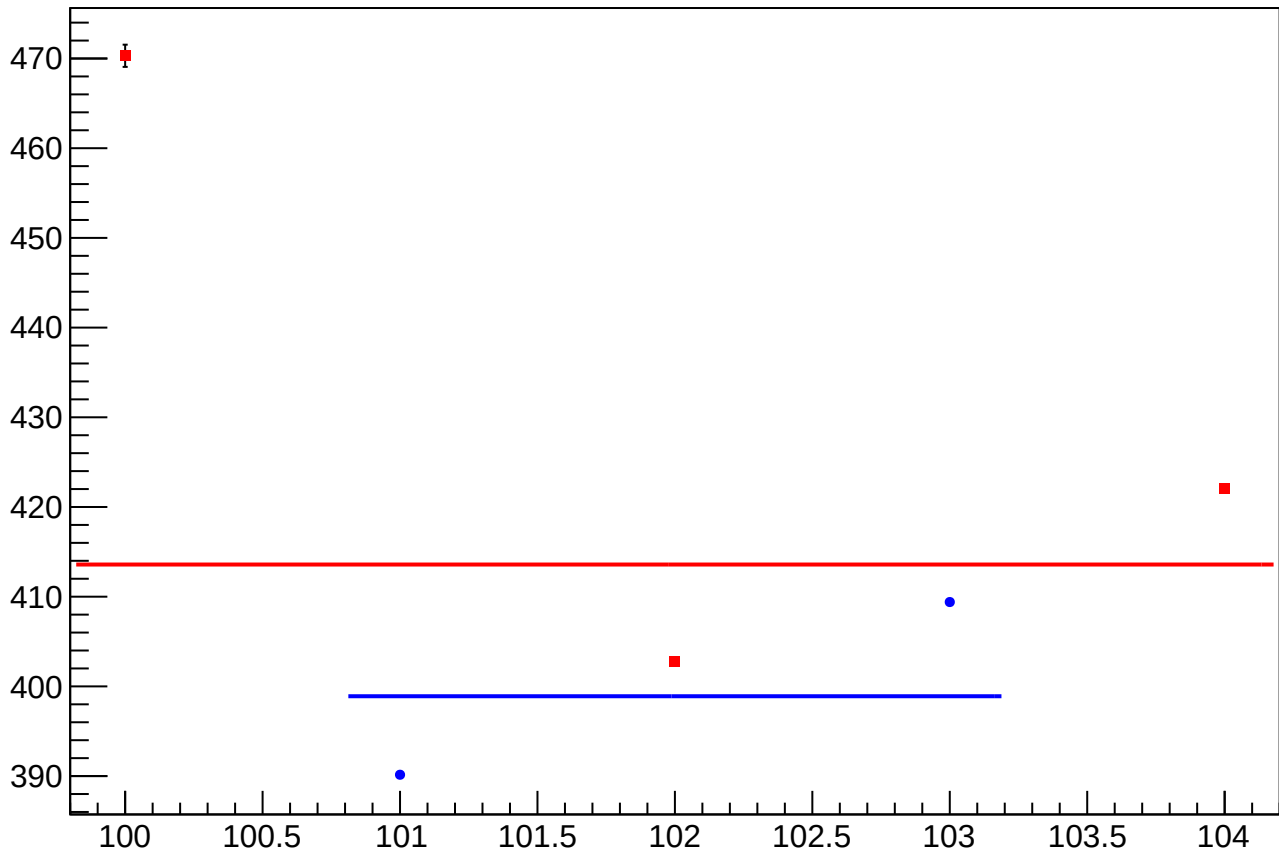
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 149747.307 $\pm$ 0.356 χ^2 /NDF: 778570.6/1
 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: 149510.400 $\pm$ 0.257 χ^2 /NDF: 3130685.2/4
 Right Out: 149251.345 $\pm$ 0.372 χ^2 /NDF: 1423384.1/2
 In: 149747.307 $\pm$ 0.356 χ^2 /NDF: 778570.6/1
 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: 149510.400 $\pm$ 0.257 χ^2 /NDF: 3130685.2

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 398.901 ± 0.252 $\chi^2/\text{NDF}: 1453.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 413.585 ± 0.263 $\chi^2/\text{NDF}: 3438.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

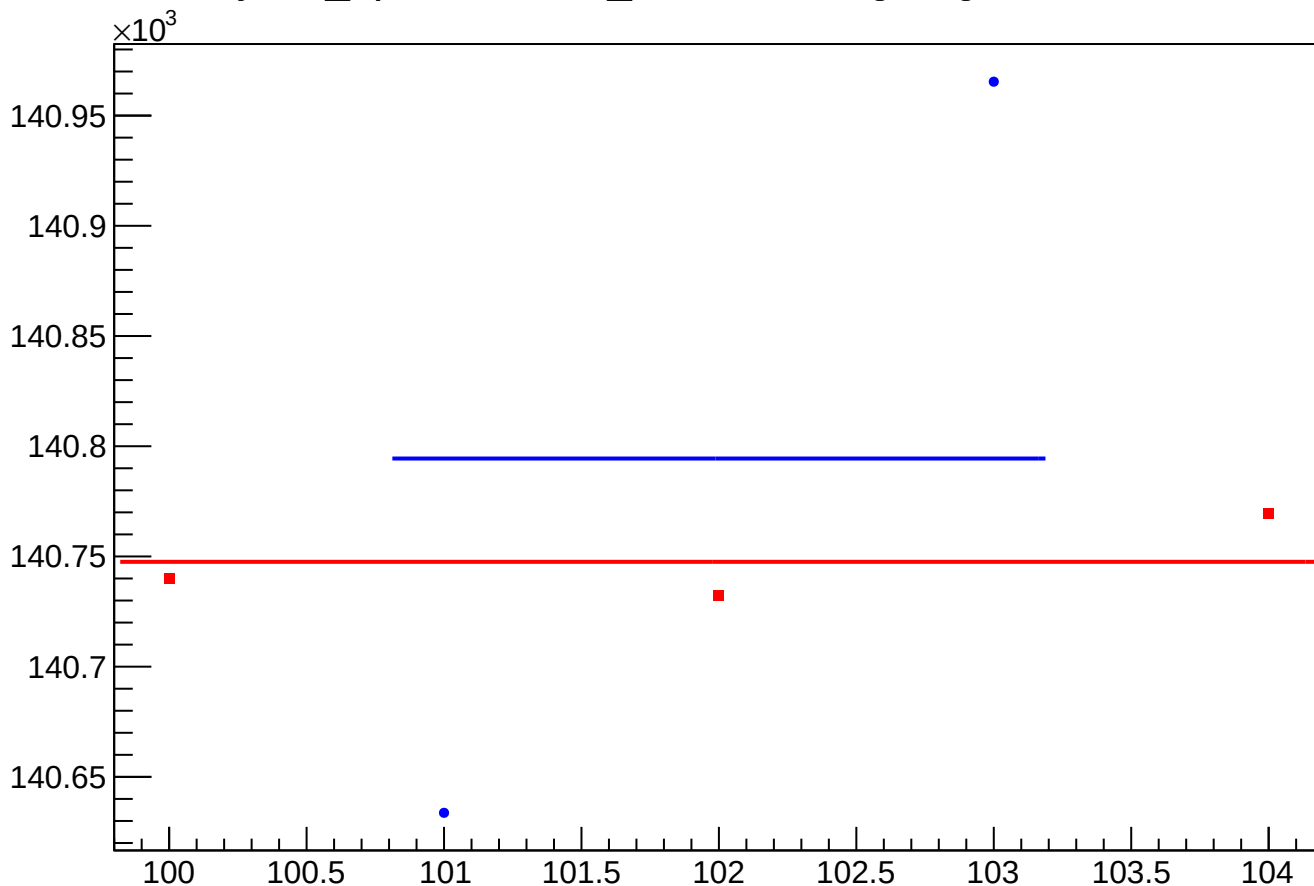
Right: 405.915 ± 0.182 $\chi^2/\text{NDF}: 6519.9/4$

In: 398.901 ± 0.252 $\chi^2/\text{NDF}: 1453.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 405.915 ± 0.182 $\chi^2/\text{NDF}: 6519.9/4$

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: 140747.561 $\pm$ 0.348 χ^2 /NDF: 2695.3/2

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

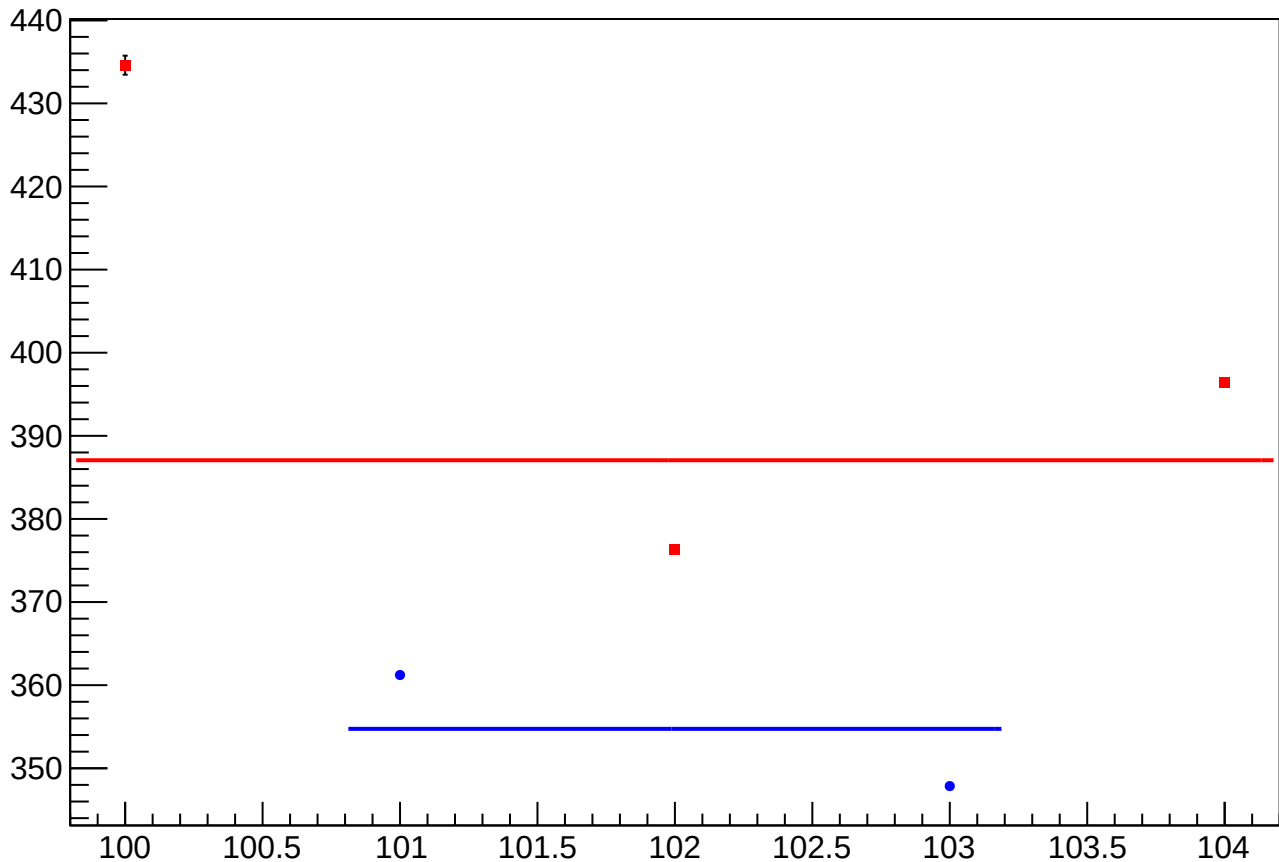
Right: 140772.951 $\pm$ 0.236 χ^2 /NDF: 280615.4/4

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: 140772.951 $\pm$ 0.236 χ^2 /NDF: 280615.4/4

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: 387.061+/-0.246 χ^2/NDF : 3343.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

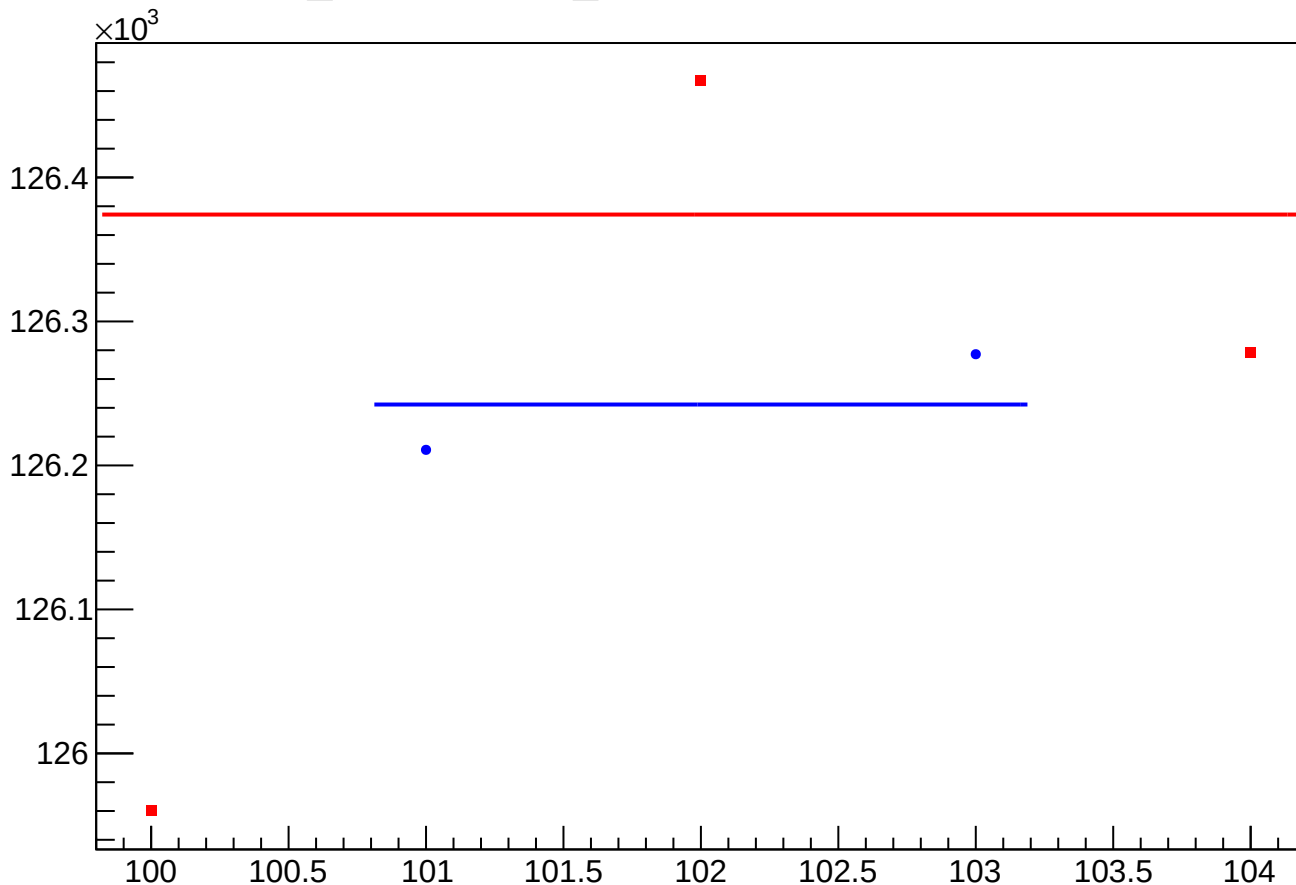
Right: 369.553+/-0.167 χ^2/NDF : 13552.5/4

In: 354.744+/-0.226 χ^2/NDF : 870.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 369.553+/-0.167 χ^2/NDF : 13552.5/4

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: 126374.238 $\pm$ 0.281 χ^2 /NDF: 174946.0/2

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

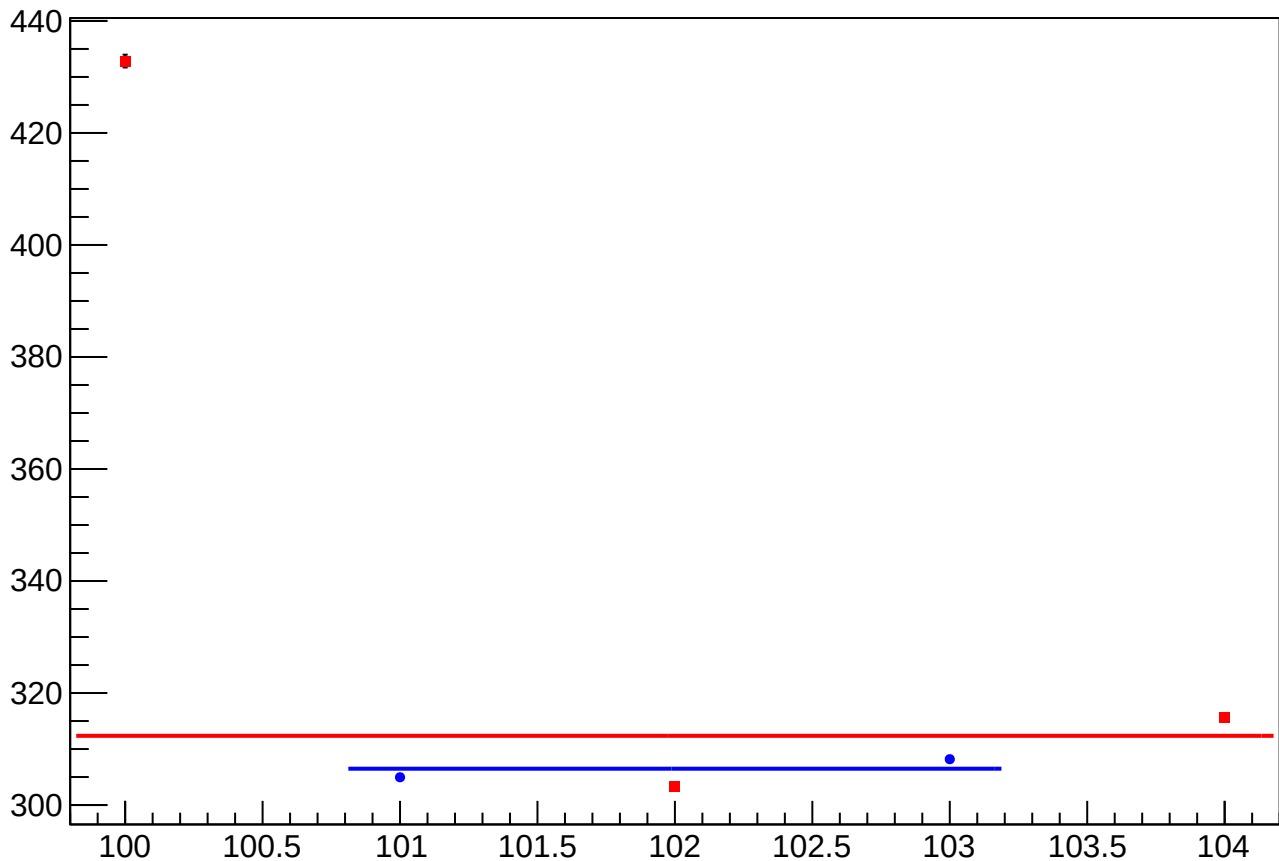
Right: 126306.266 $\pm$ 0.196 χ^2 /NDF: 302905.4/4

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: 126306.266 $\pm$ 0.196 χ^2 /NDF: 302905.4/4

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: 312.357+/-0.199 χ^2/NDF : 12424.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

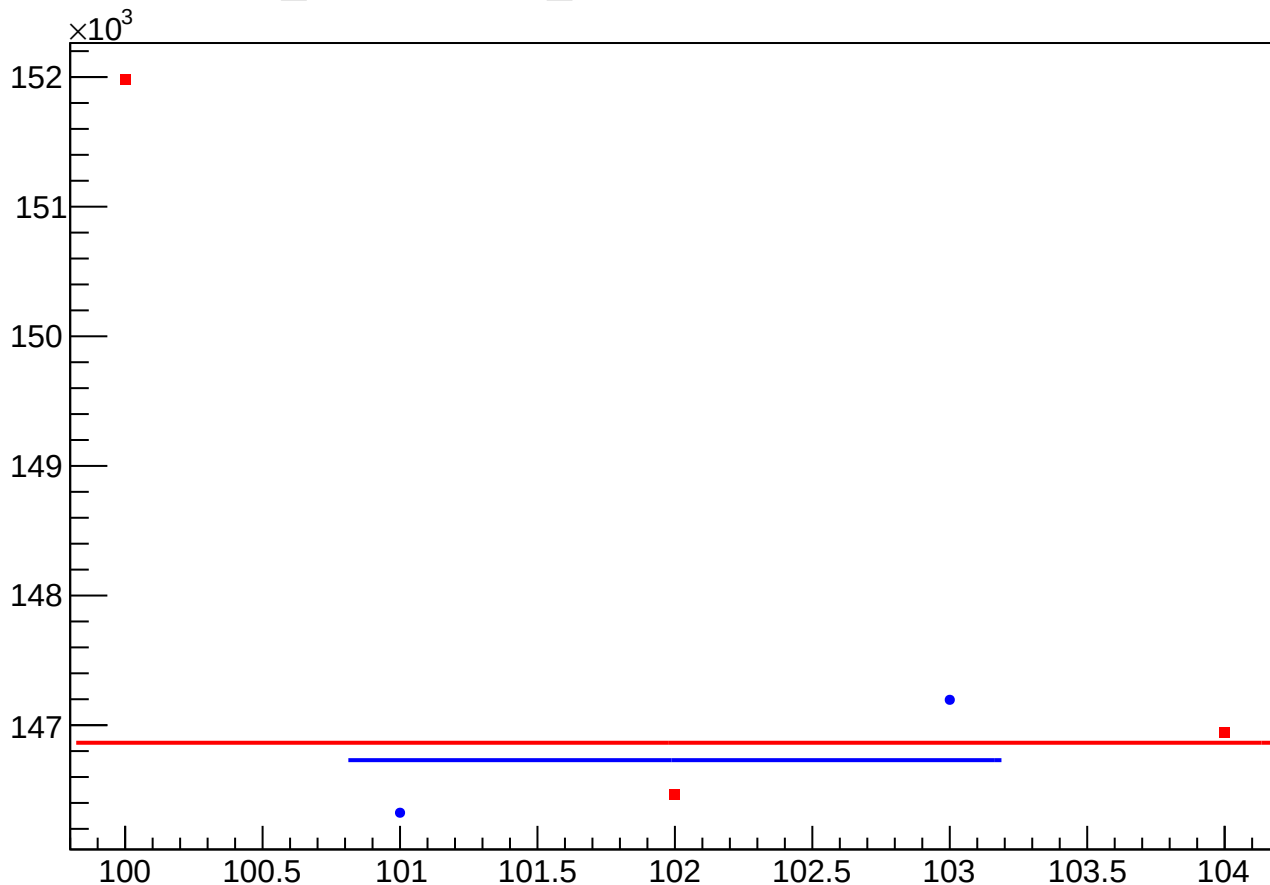
Right: 309.333+/-0.139 χ^2/NDF : 12941.9/4

In: 306.487+/-0.193 χ^2/NDF : 69.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

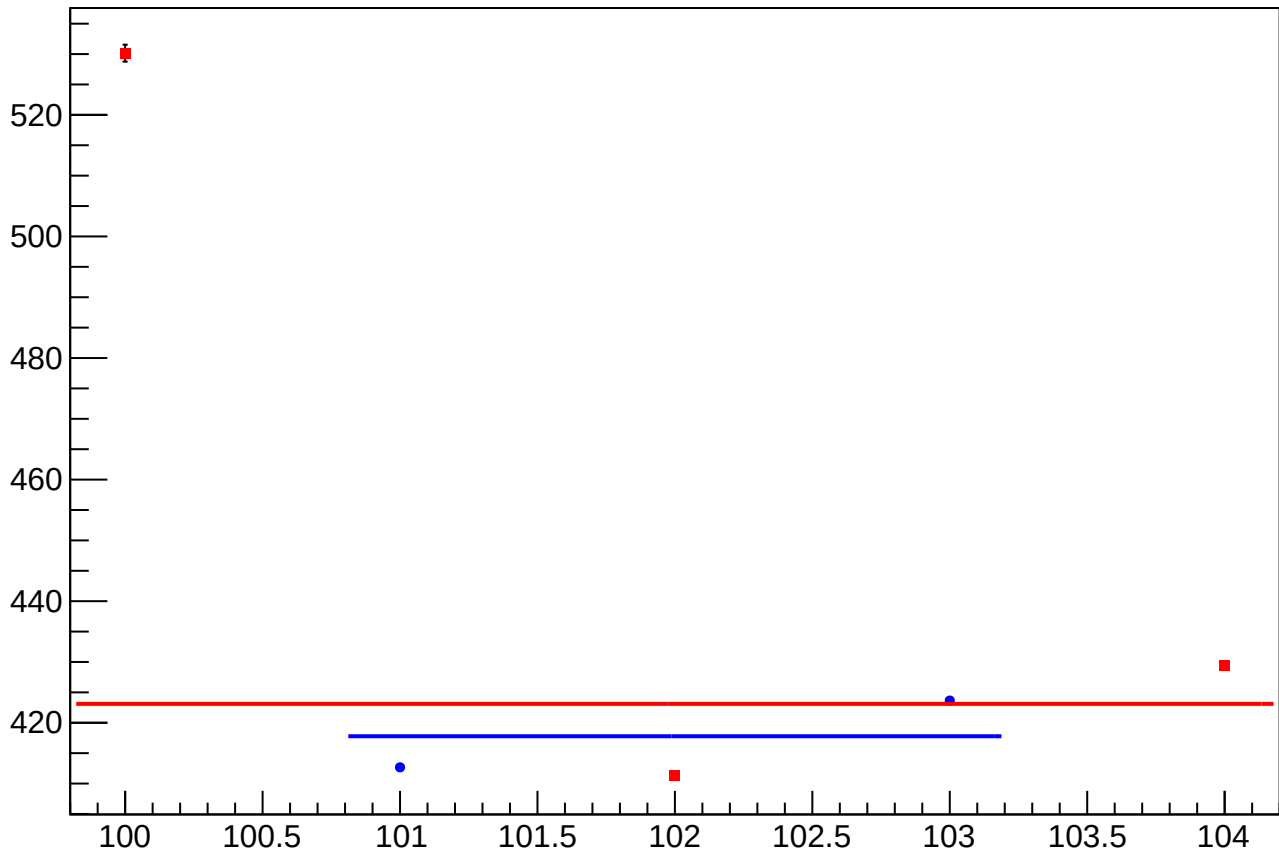
All: 309.333+/-0.139 χ^2/NDF : 12941.9/4

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: 146864.294 $\pm$ 0.381 χ^2/NDF : 7331274.9/2
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 146795.650 $\pm$ 0.266 χ^2/NDF : 8757332.3/4
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 146795.650 $\pm$ 0.266 χ^2/NDF : 8757332.3/4
 In: 146730.012 $\pm$ 0.372 χ^2/NDF : 1362462.5/1
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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: 423.108+/-0.269 χ^2/NDF : 7172.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

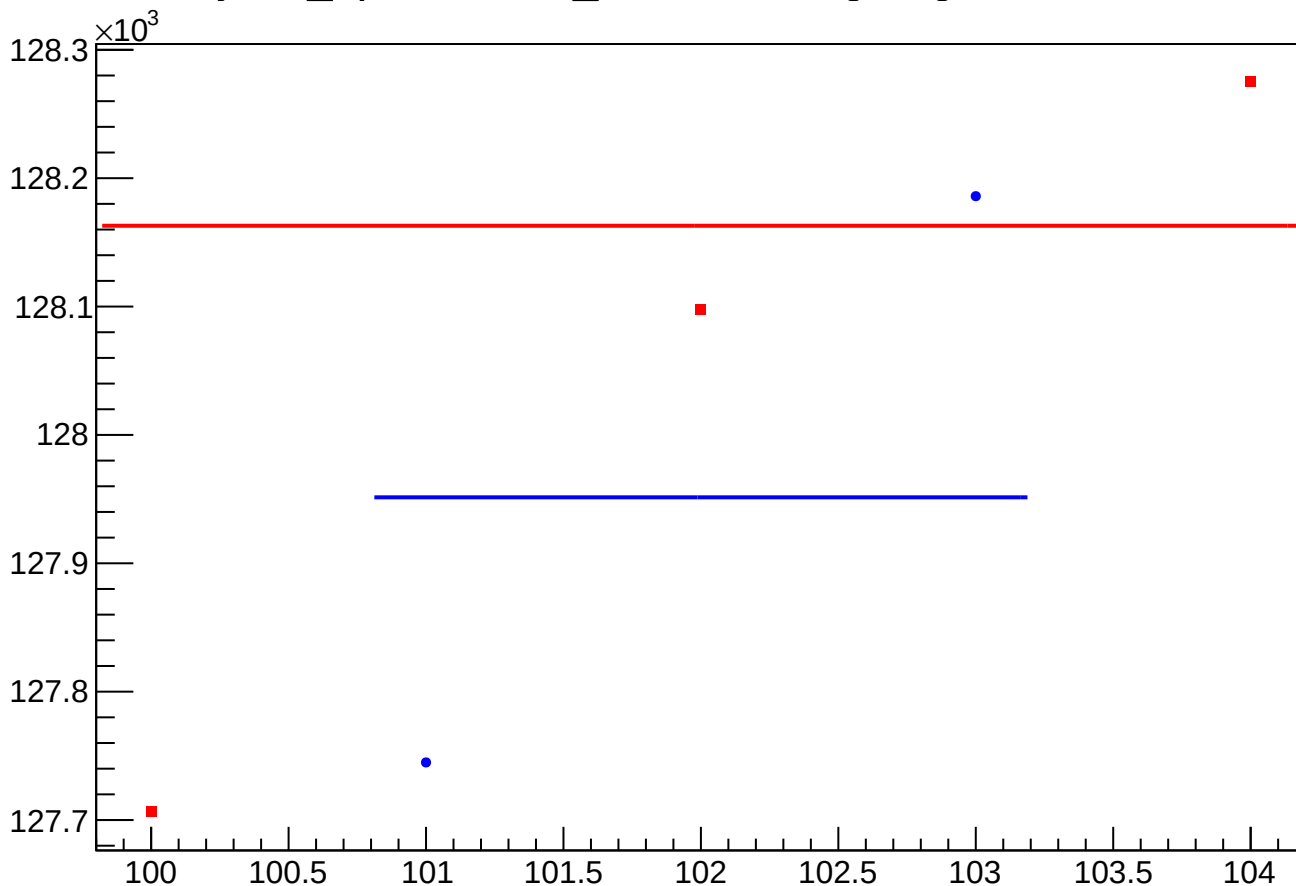
Right: 420.386+/-0.188 χ^2/NDF : 7806.2/4

In: 417.783+/-0.263 χ^2/NDF : 433.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.386+/-0.188 χ^2/NDF : 7806.2/4

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: 128162.954 $\pm$ 0.293 χ^2 /NDF: 145599.3/2

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

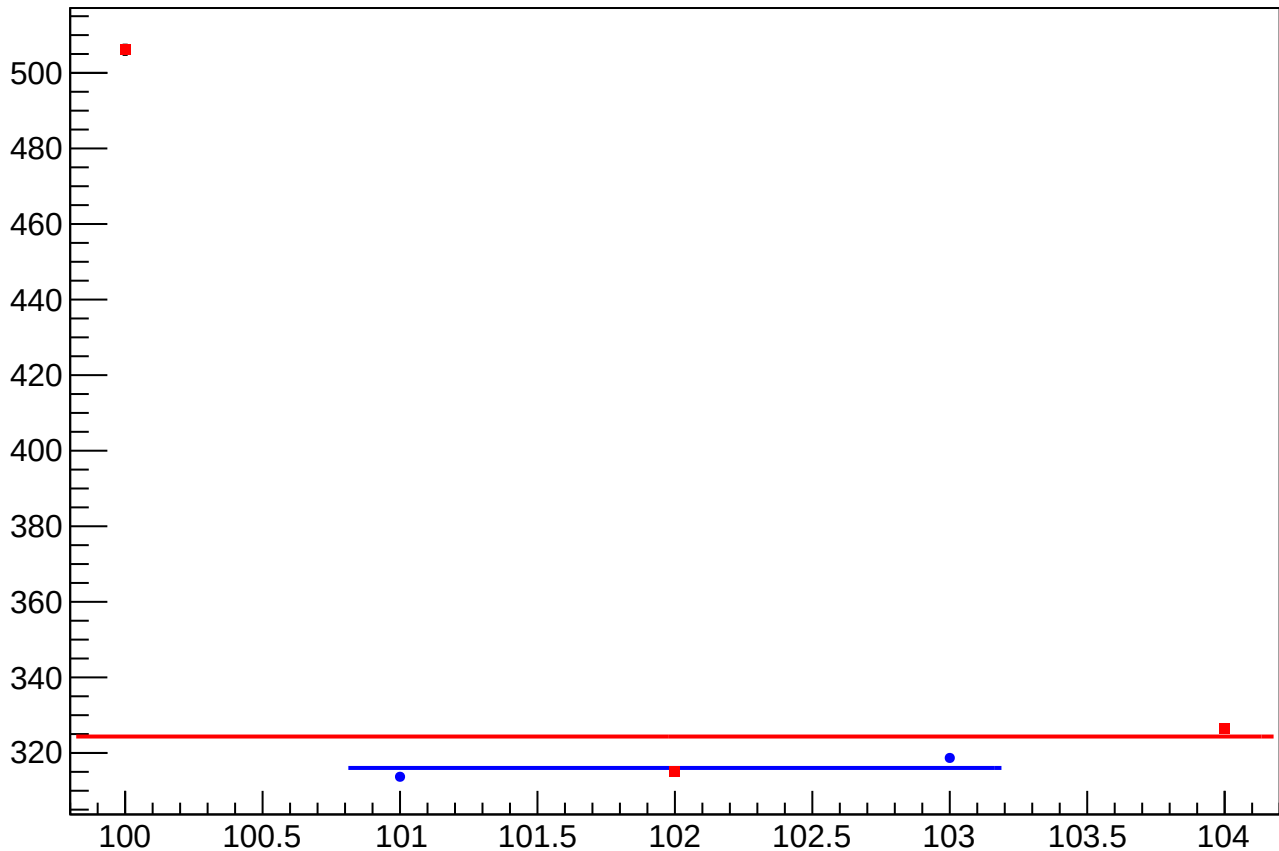
Right: 128053.156 $\pm$ 0.203 χ^2 /NDF: 1022747.9/4

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: 128053.156 $\pm$ 0.203 χ^2 /NDF: 1022747.9

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: 324.350 $\pm$ 0.207 χ^2 /NDF: 19165.4/2

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

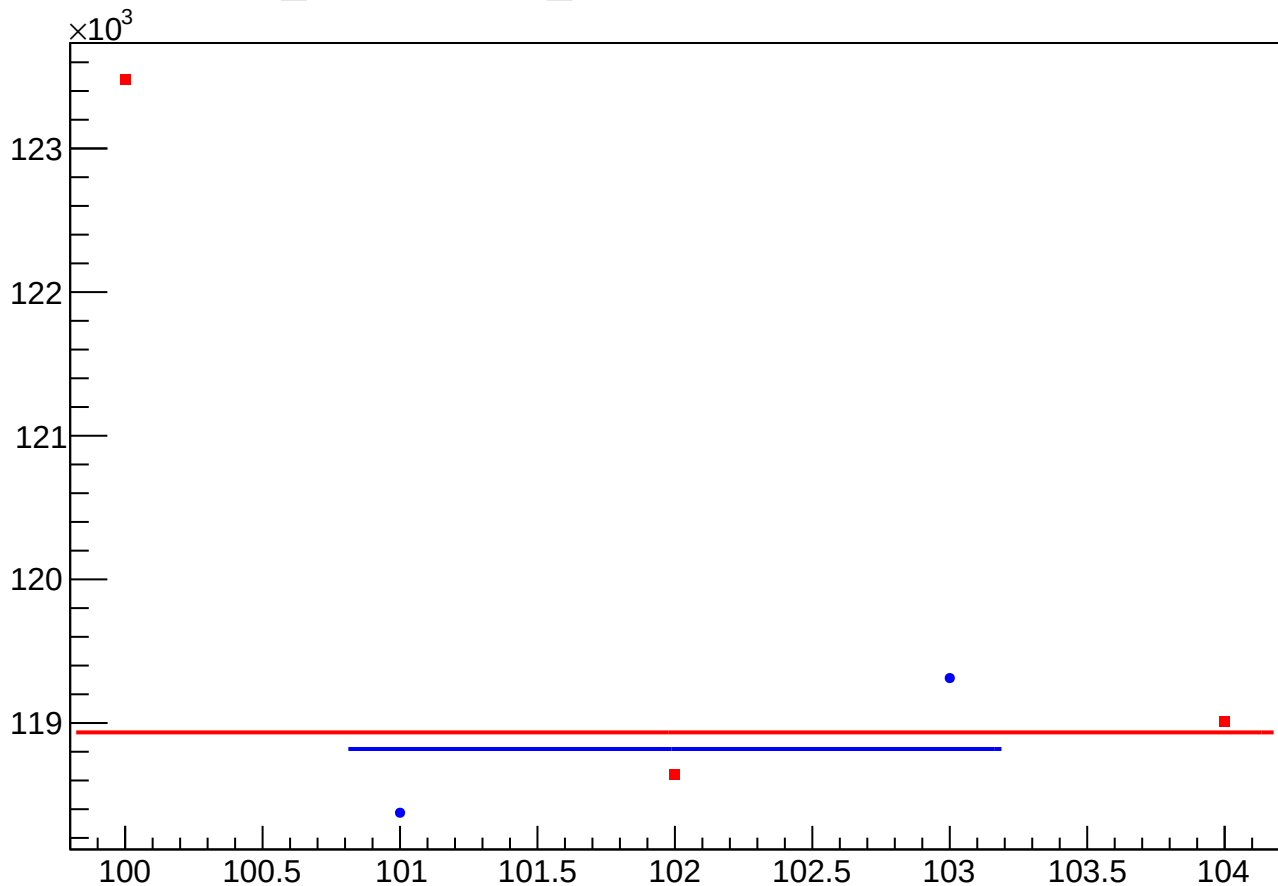
Right: 320.035 $\pm$ 0.144 χ^2 /NDF: 20154.3/4

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: 320.035 $\pm$ 0.144 χ^2 /NDF: 20154.3/4

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 118819.142+/-0.298 χ^2 /NDF: 2470152.2/1

Right: 118875.156+/-0.214 χ^2 /NDF: 9428800.1/4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

In: 118819.142+/-0.298 χ^2 /NDF: 2470152.2/1

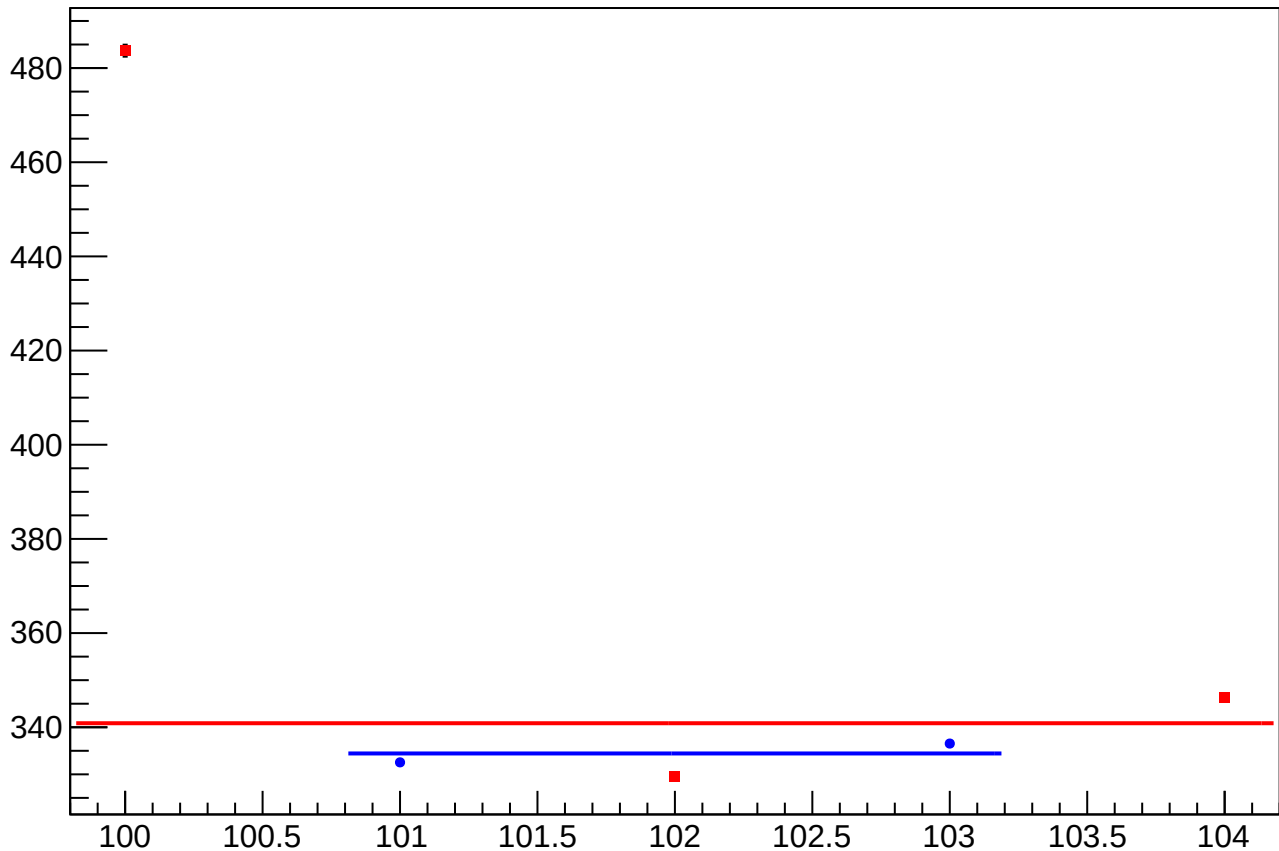
Right Out: 118934.738+/-0.307 χ^2 /NDF: 6885664.3/2

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 118875.156+/-0.214 χ^2 /NDF: 9428800.1/4

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: 340.855+/-0.217 χ^2/NDF : 14351.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

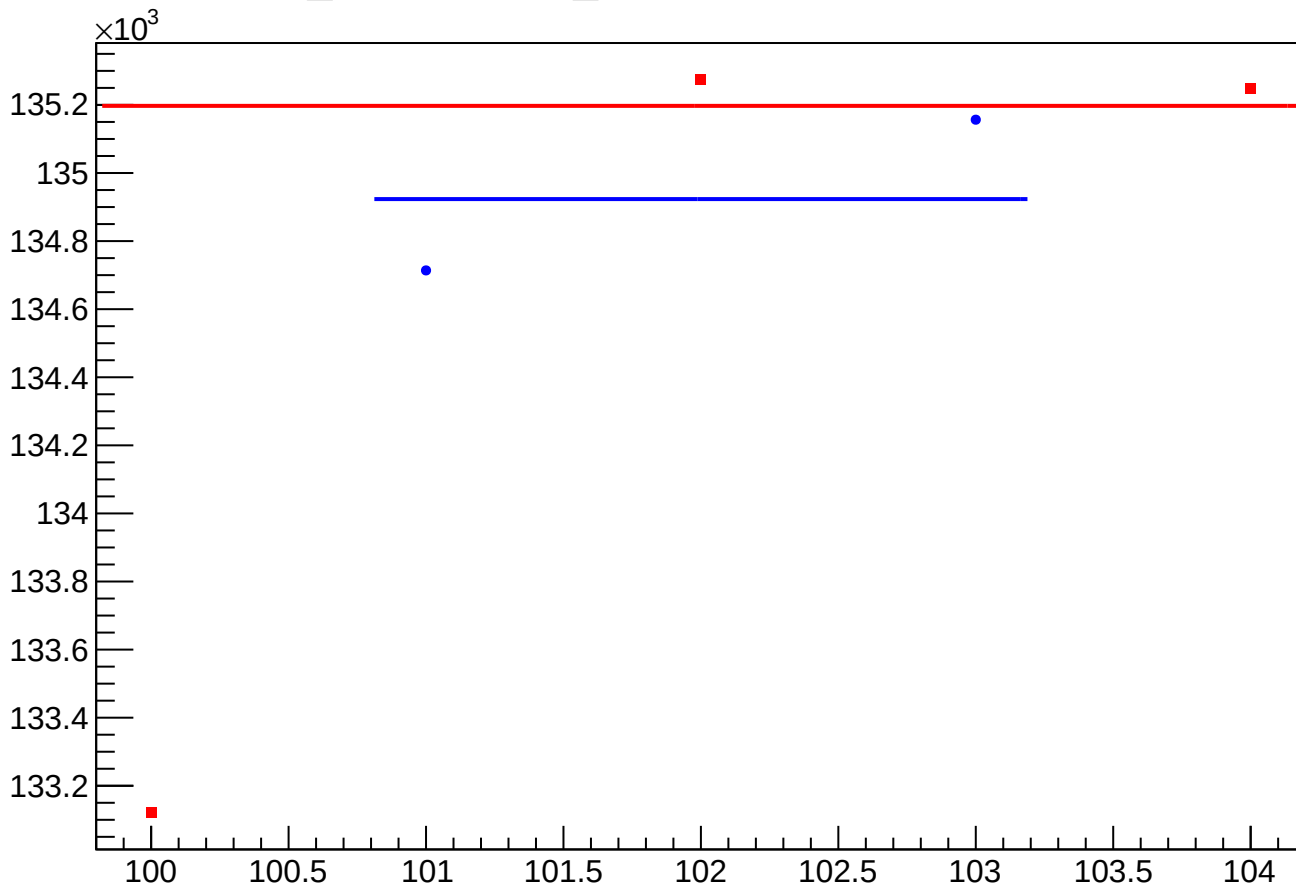
Right: 337.546+/-0.151 χ^2/NDF : 14891.5/4

In: 334.435+/-0.211 χ^2/NDF : 89.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

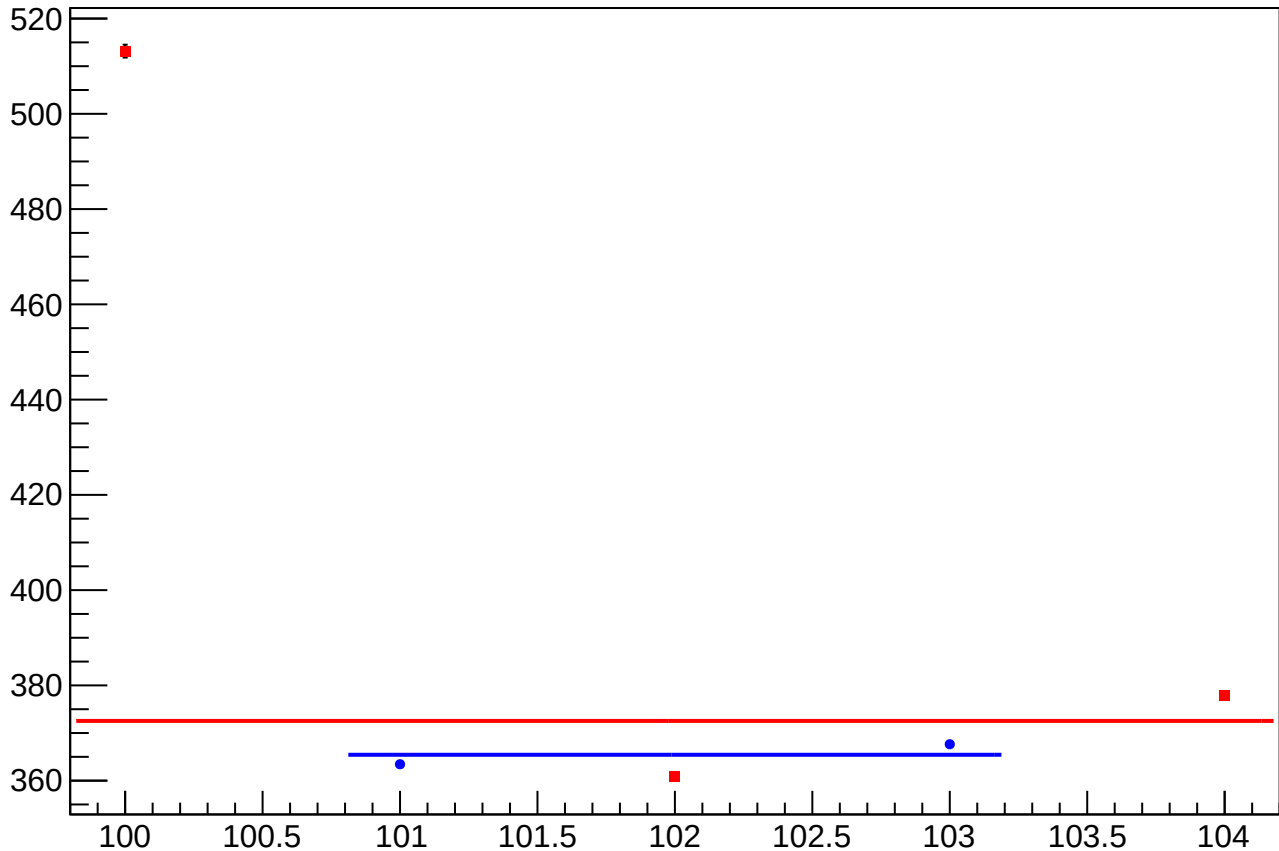
All: 337.546+/-0.151 χ^2/NDF : 14891.5/4

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134923.414 $\pm$ 0.326 χ^2 /NDF: 460988.6/1
 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: 135056.163 $\pm$ 0.234 χ^2 /NDF: 2021645.0/4
 Right Out: 135197.252 $\pm$ 0.336 χ^2 /NDF: 1217694.7/2
 In: 134923.414 $\pm$ 0.326 χ^2 /NDF: 460988.6/1
 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: 135056.163 $\pm$ 0.234 χ^2 /NDF: 2021645.0

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: 372.544+/-0.237 χ^2/NDF : 12384.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

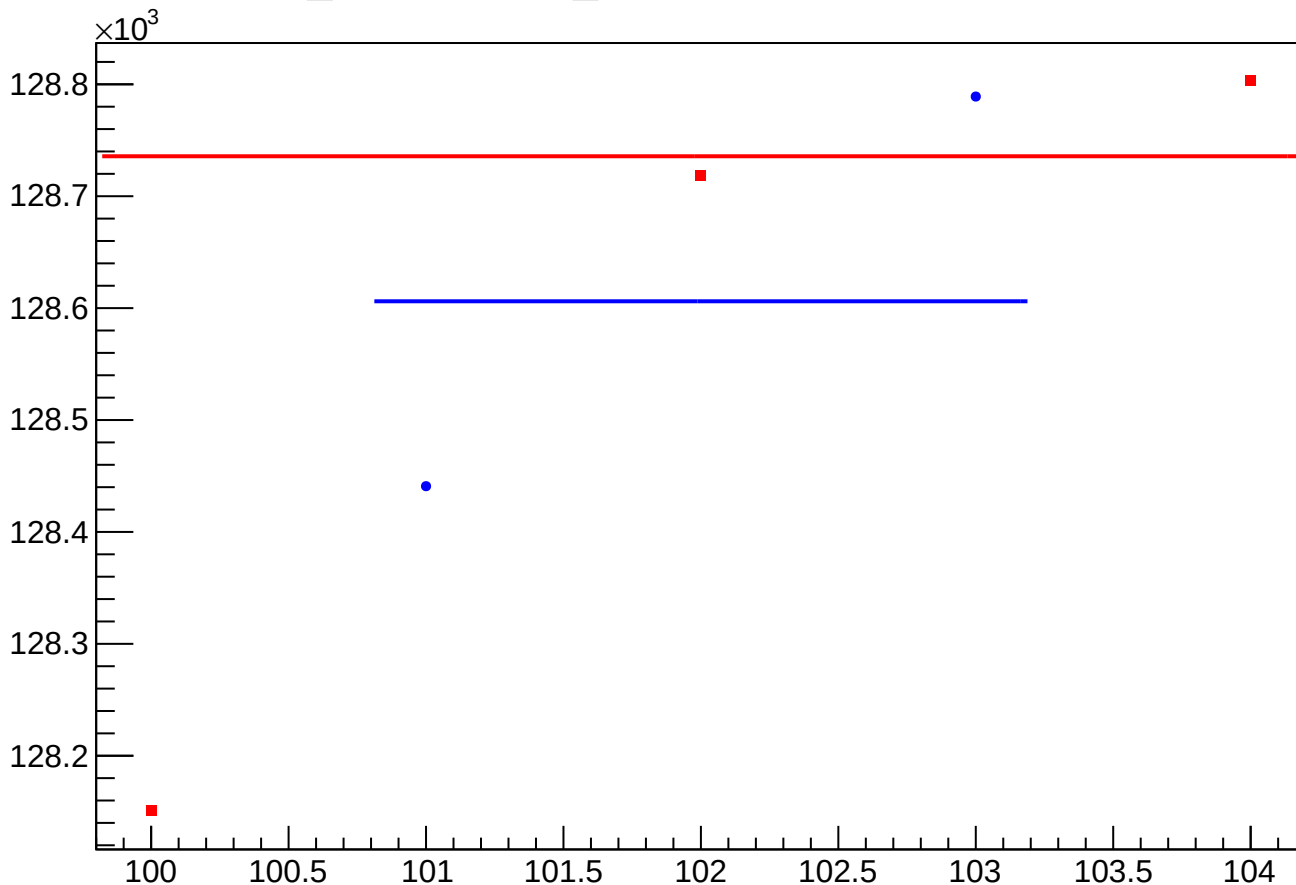
Right: 368.881+/-0.165 χ^2/NDF : 12929.3/4

In: 365.434+/-0.230 χ^2/NDF : 82.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

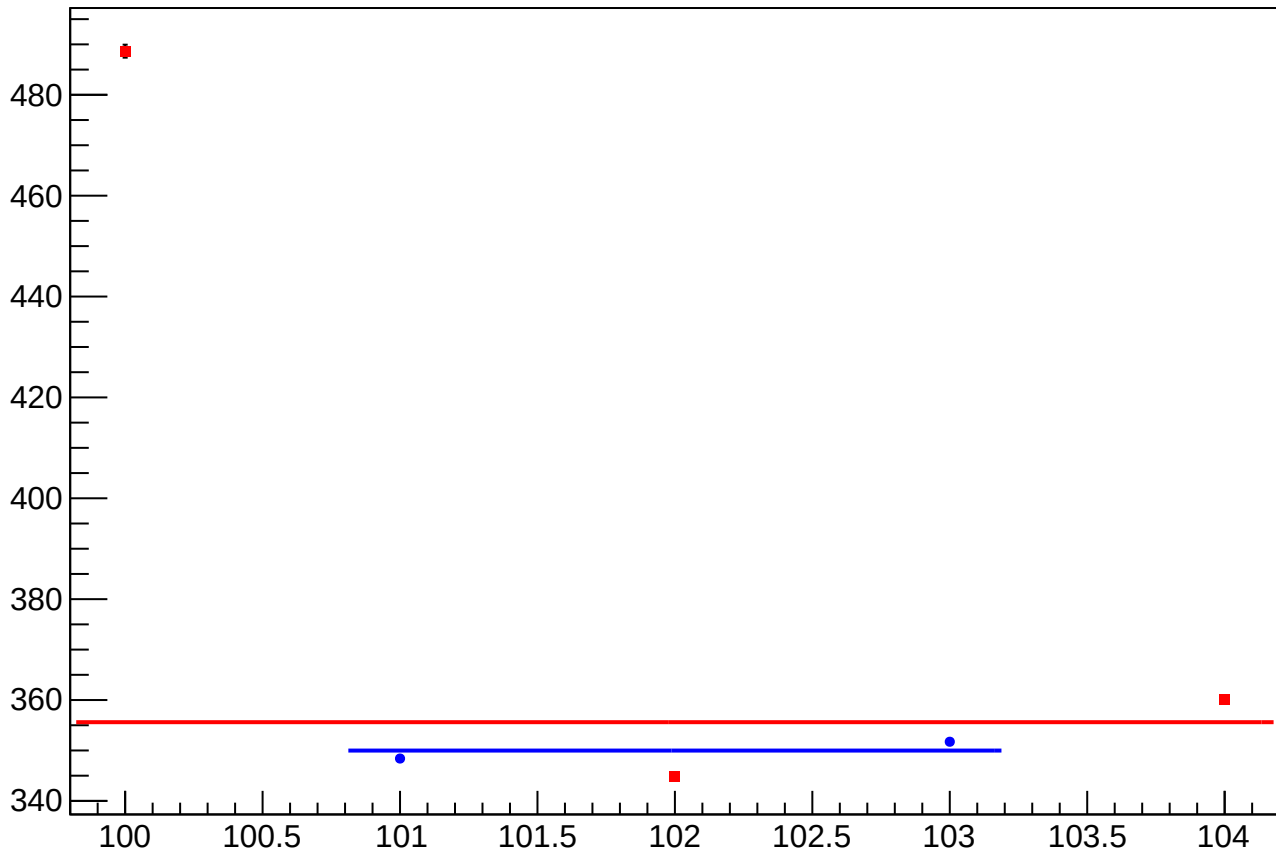
All: 368.881+/-0.165 χ^2/NDF : 12929.3/4

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128606.112 $\pm$ 0.312 χ^2 /NDF: 311069.7/1
 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: 128669.137 $\pm$ 0.223 χ^2 /NDF: 518392.4/4
 Right Out: 128735.700 $\pm$ 0.320 χ^2 /NDF: 123275.7/2
 In: 128606.112 $\pm$ 0.312 χ^2 /NDF: 311069.7/1
 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: 128669.137 $\pm$ 0.223 χ^2 /NDF: 518392.4/4

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 349.981 ± 0.220 $\chi^2/\text{NDF}: 56.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 355.609 ± 0.227 $\chi^2/\text{NDF}: 12103.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

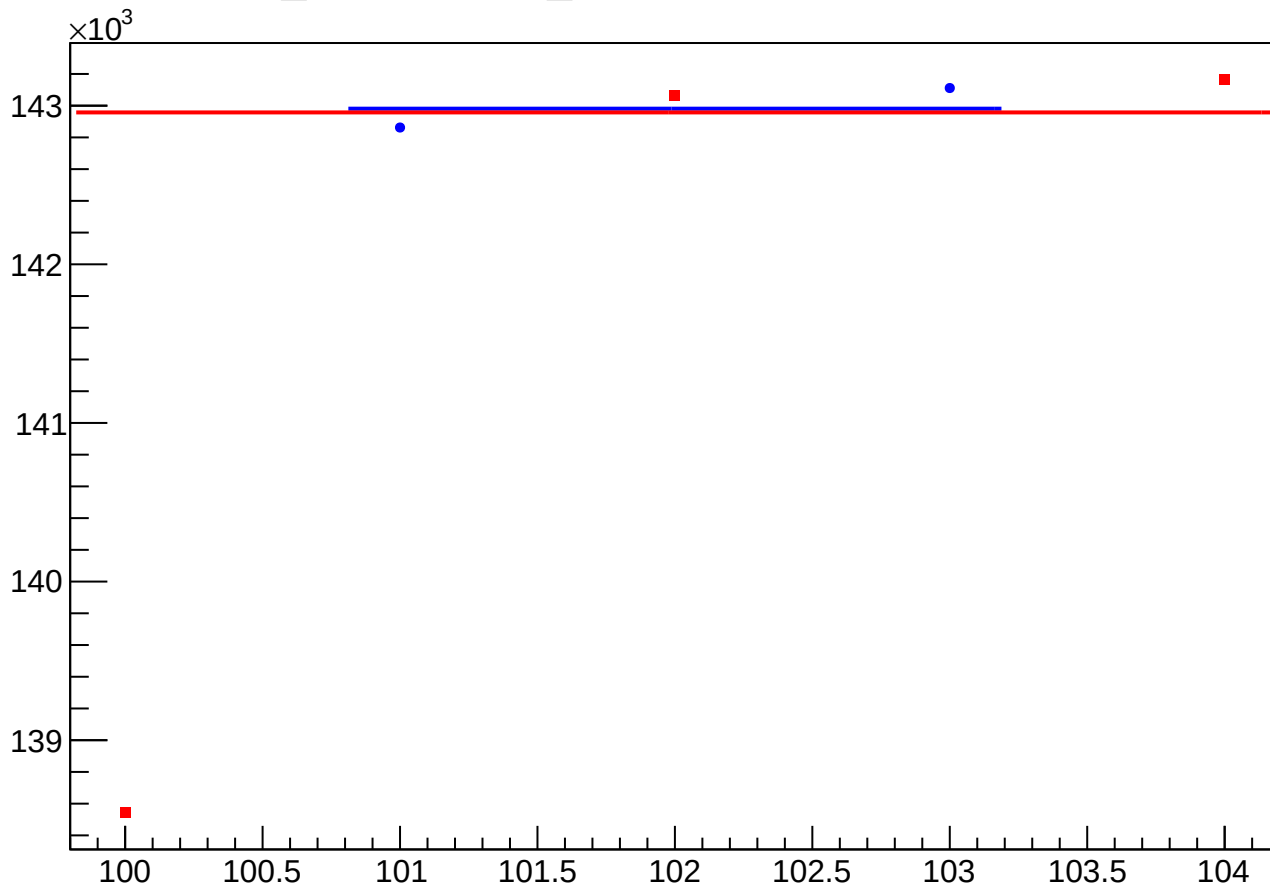
Right: 352.718 ± 0.158 $\chi^2/\text{NDF}: 12477.8/4$

In: 349.981 ± 0.220 $\chi^2/\text{NDF}: 56.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

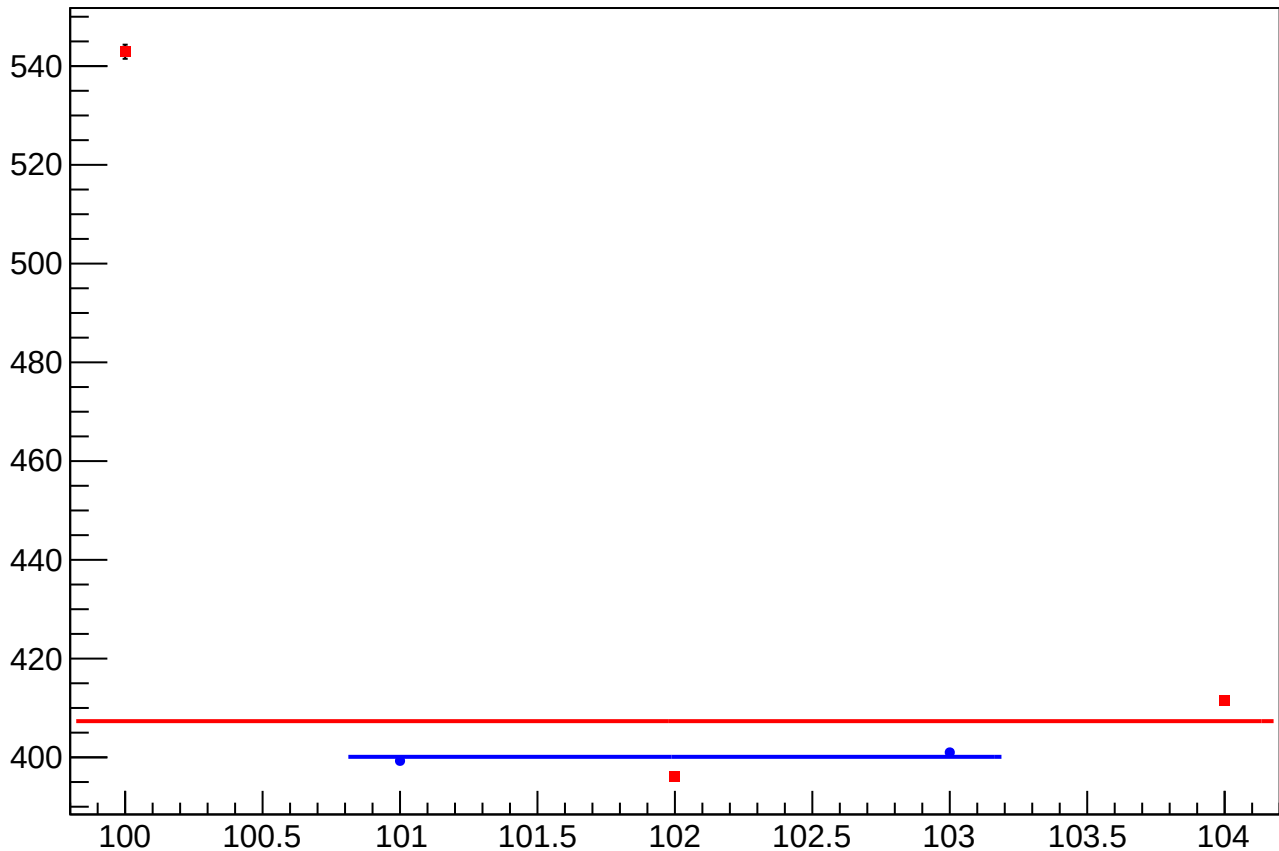
All: 352.718 ± 0.158 $\chi^2/\text{NDF}: 12477.8/4$

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 142981.134 $\pm$ 0.356 χ^2 /NDF: 121747.7/1
 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: 142969.664 $\pm$ 0.256 χ^2 /NDF: 5070116.3/4
 Right Out: 142957.519 $\pm$ 0.367 χ^2 /NDF: 4946236.3/2
 In: 142981.134 $\pm$ 0.356 χ^2 /NDF: 121747.7/1
 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: 142969.664 $\pm$ 0.256 χ^2 /NDF: 5070116.3

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 400.104+/-0.252 χ^2/NDF : 11.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.330+/-0.259 χ^2/NDF : 10129.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

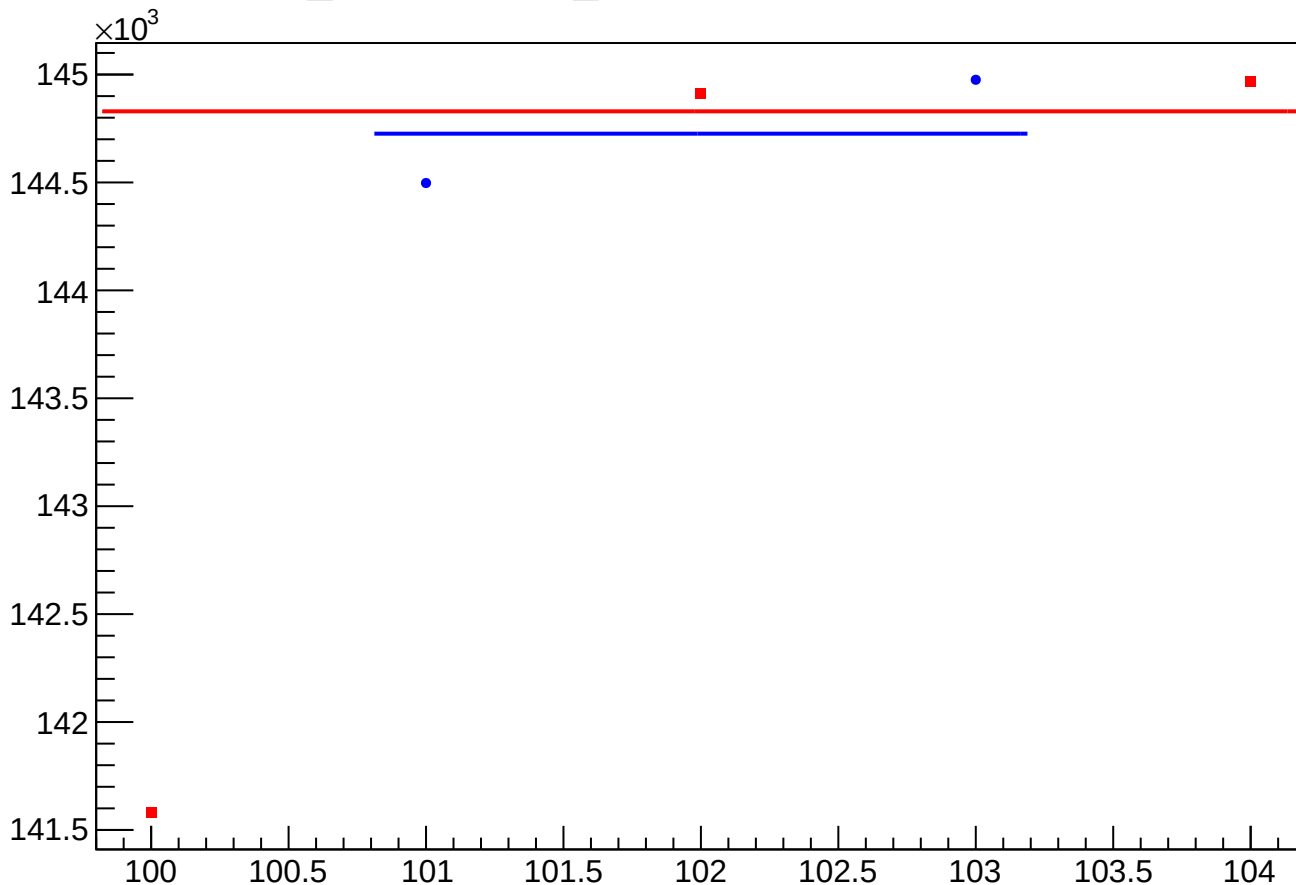
Right: 403.613+/-0.181 χ^2/NDF : 10539.8/4

In: 400.104+/-0.252 χ^2/NDF : 11.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.613+/-0.181 χ^2/NDF : 10539.8/4

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: 144829.492 $\pm$ 0.362 χ^2 /NDF: 2625442.9/2

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

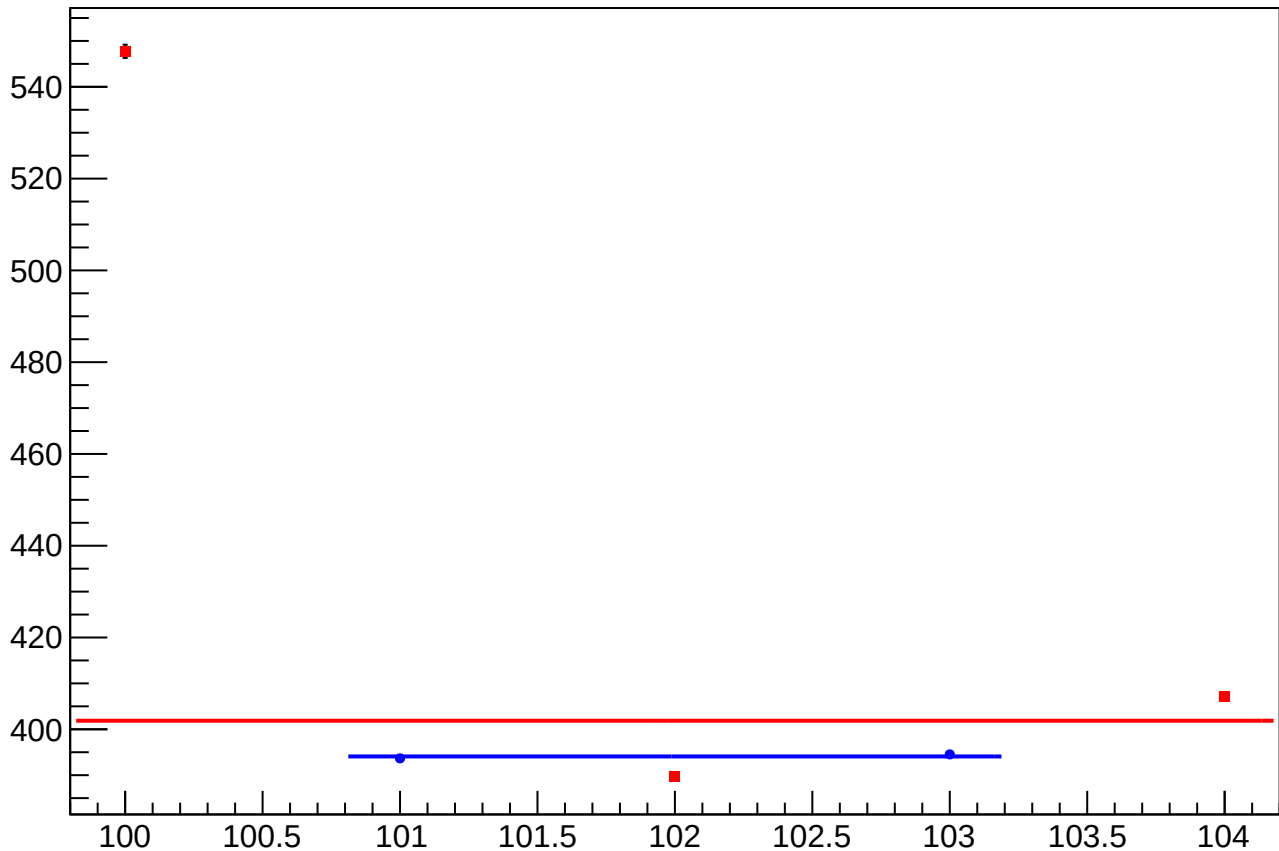
Right: 144776.179 $\pm$ 0.252 χ^2 /NDF: 3130788.5/4

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: 144776.179 $\pm$ 0.252 χ^2 /NDF: 3130788.5

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: 401.864 $\pm$ 0.256 χ^2 /NDF: 11659.1/2

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

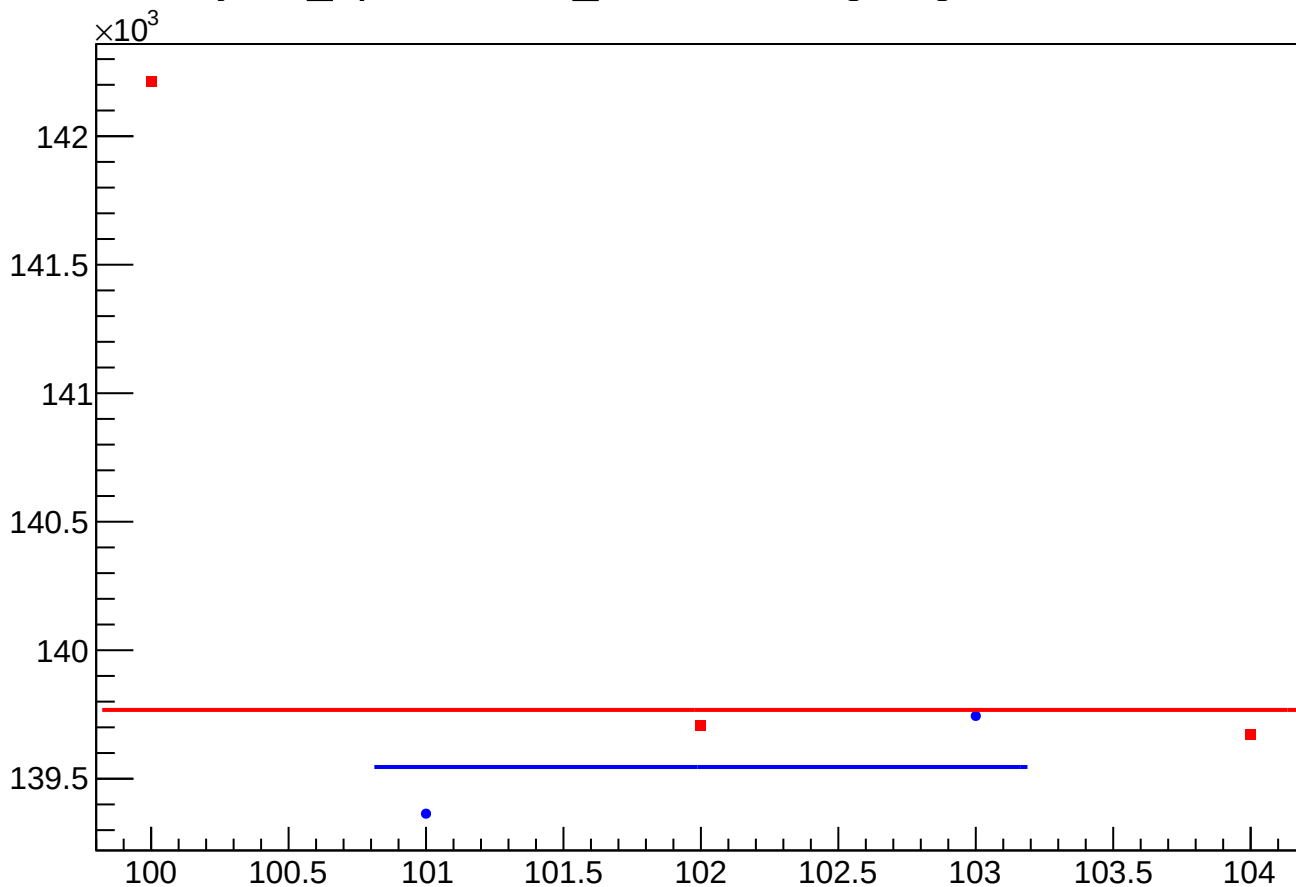
Right: 397.852 $\pm$ 0.178 χ^2 /NDF: 12138.7/4

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: 397.852 $\pm$ 0.178 χ^2 /NDF: 12138.7/4

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: 139767.742 $\pm$ 0.361 χ^2 /NDF: 1404386.5/2

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

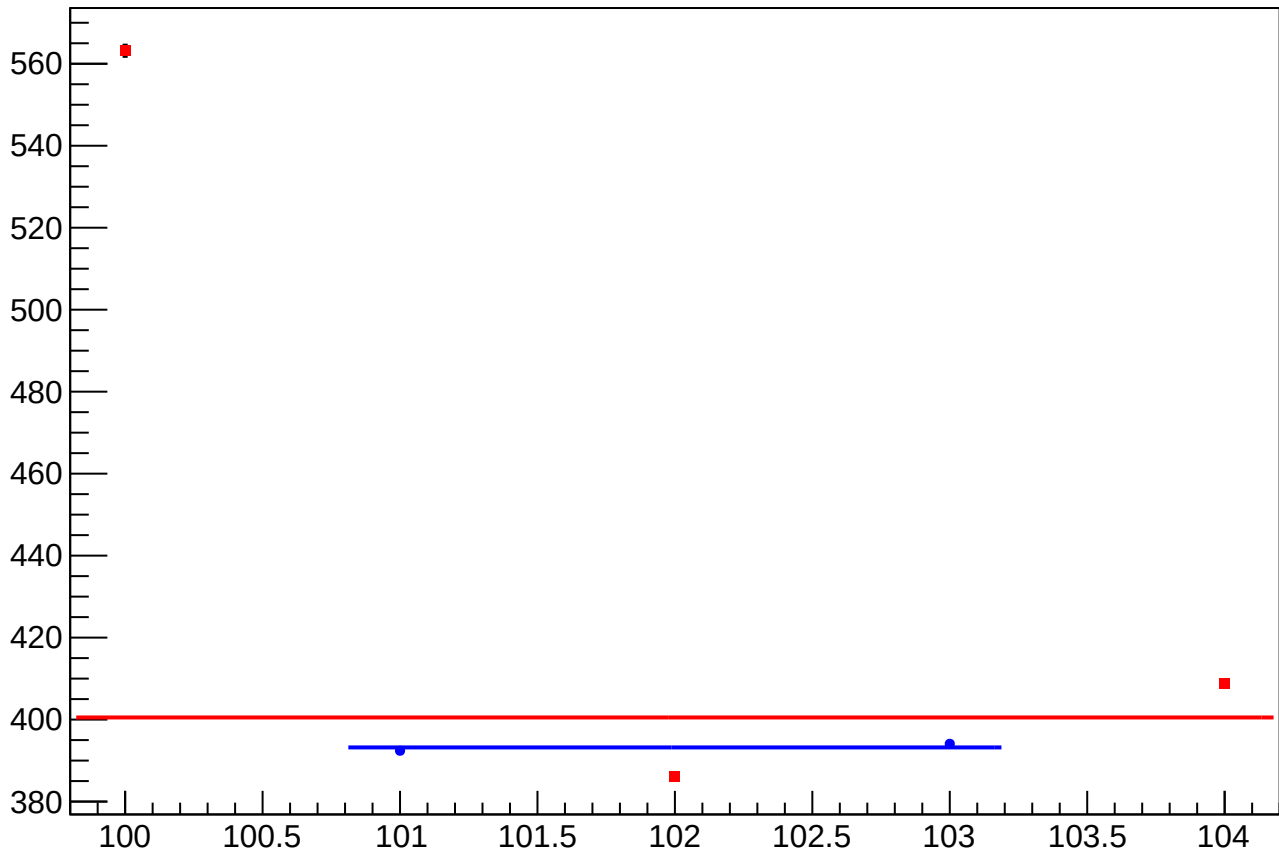
Right: 139653.296 $\pm$ 0.251 χ^2 /NDF: 1893345.2/4

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: 139653.296 $\pm$ 0.251 χ^2 /NDF: 1893345.2/4

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 393.210 $\pm$ 0.248 χ^2 /NDF: 11.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 400.519 $\pm$ 0.255 χ^2 /NDF: 14254.6/2

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

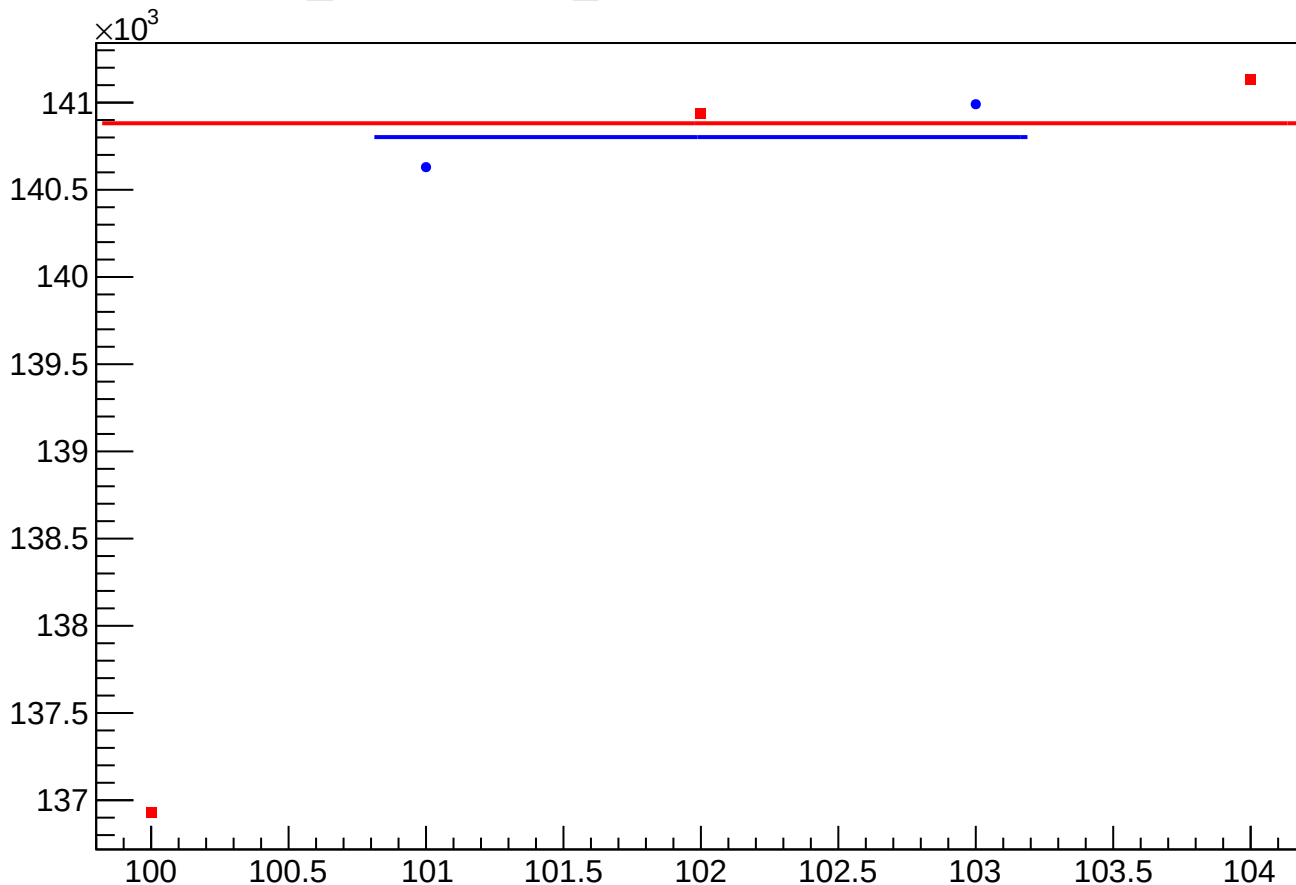
Right: 396.753 $\pm$ 0.178 χ^2 /NDF: 14688.2/4

In: 393.210 $\pm$ 0.248 χ^2 /NDF: 11.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.753 $\pm$ 0.178 χ^2 /NDF: 14688.2/4

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: 140881.421 $\pm$ 0.363 χ^2 /NDF: 4169347.7/2

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

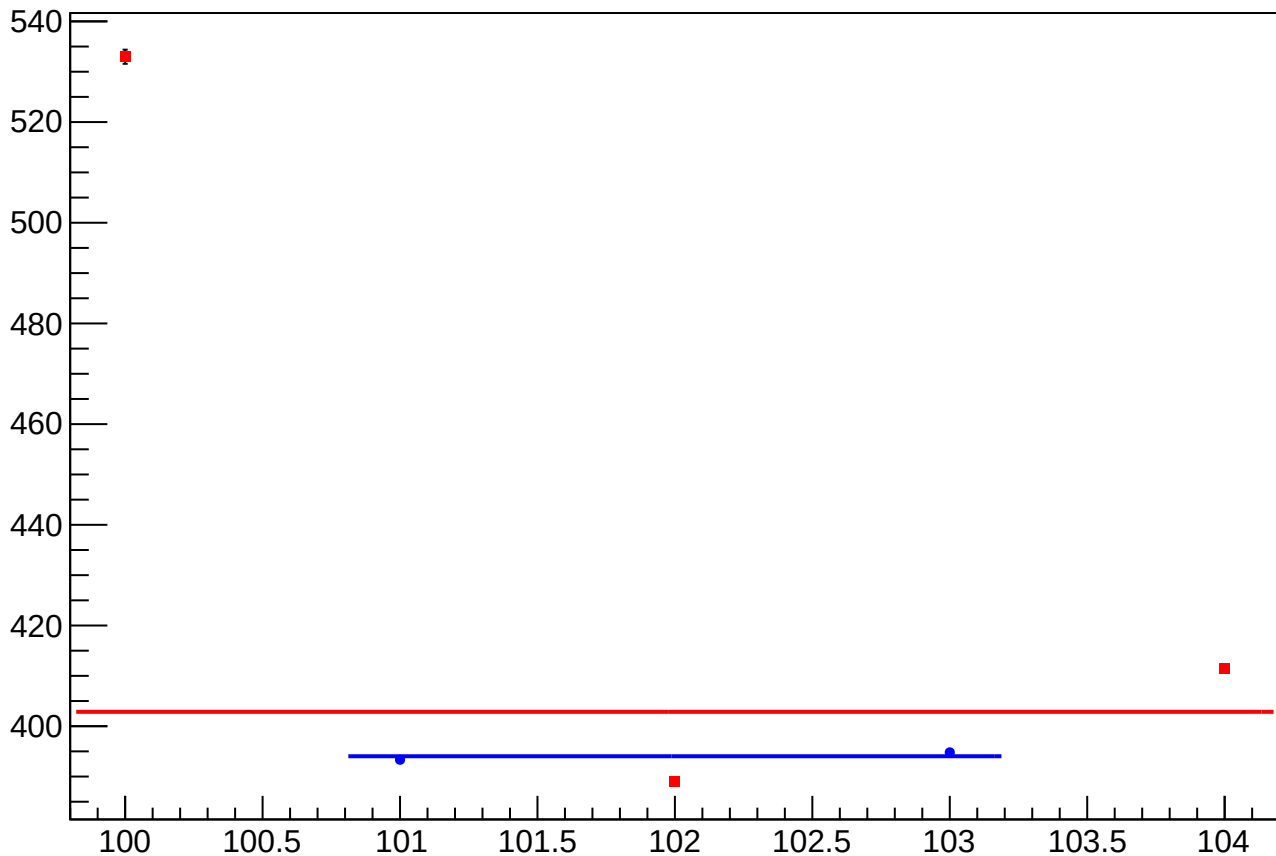
Right: 140840.442 $\pm$ 0.252 χ^2 /NDF: 4457539.3/4

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: 140840.442 $\pm$ 0.252 χ^2 /NDF: 4457539.3

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: 402.857+/-0.257 χ^2/NDF : 10663.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

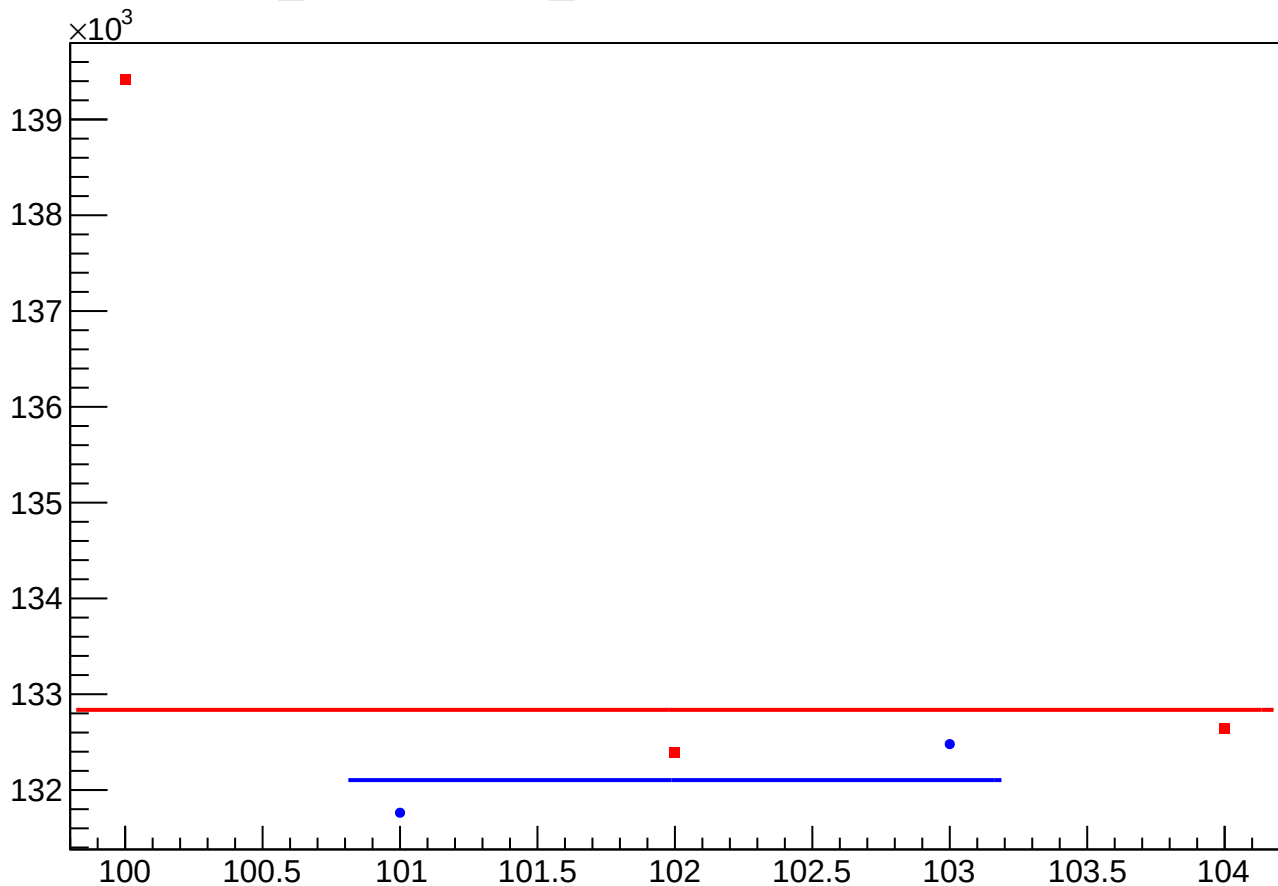
Right: 398.292+/-0.179 χ^2/NDF : 11282.4/4

In: 394.033+/-0.248 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

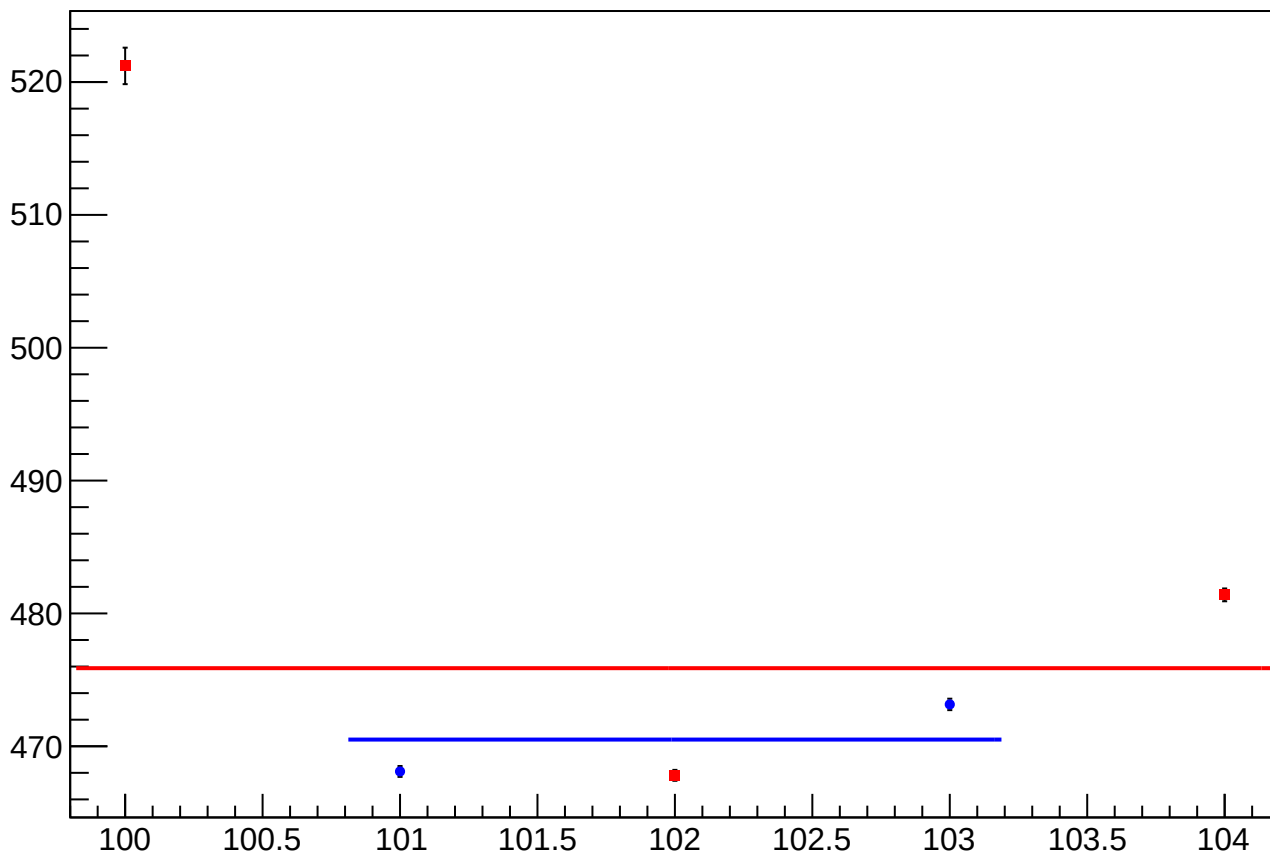
All: 398.292+/-0.179 χ^2/NDF : 11282.4/4

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: 132836.967 $\pm$ 0.431 χ^2 /NDF: 12140052.9/2
 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: 132460.264 $\pm$ 0.301 χ^2 /NDF: 14351975.0/4
 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: 132460.264 $\pm$ 0.301 χ^2 /NDF: 14351975.0/4

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: 475.878 $\pm$ 0.305 χ^2 /NDF: 1606.4/2

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

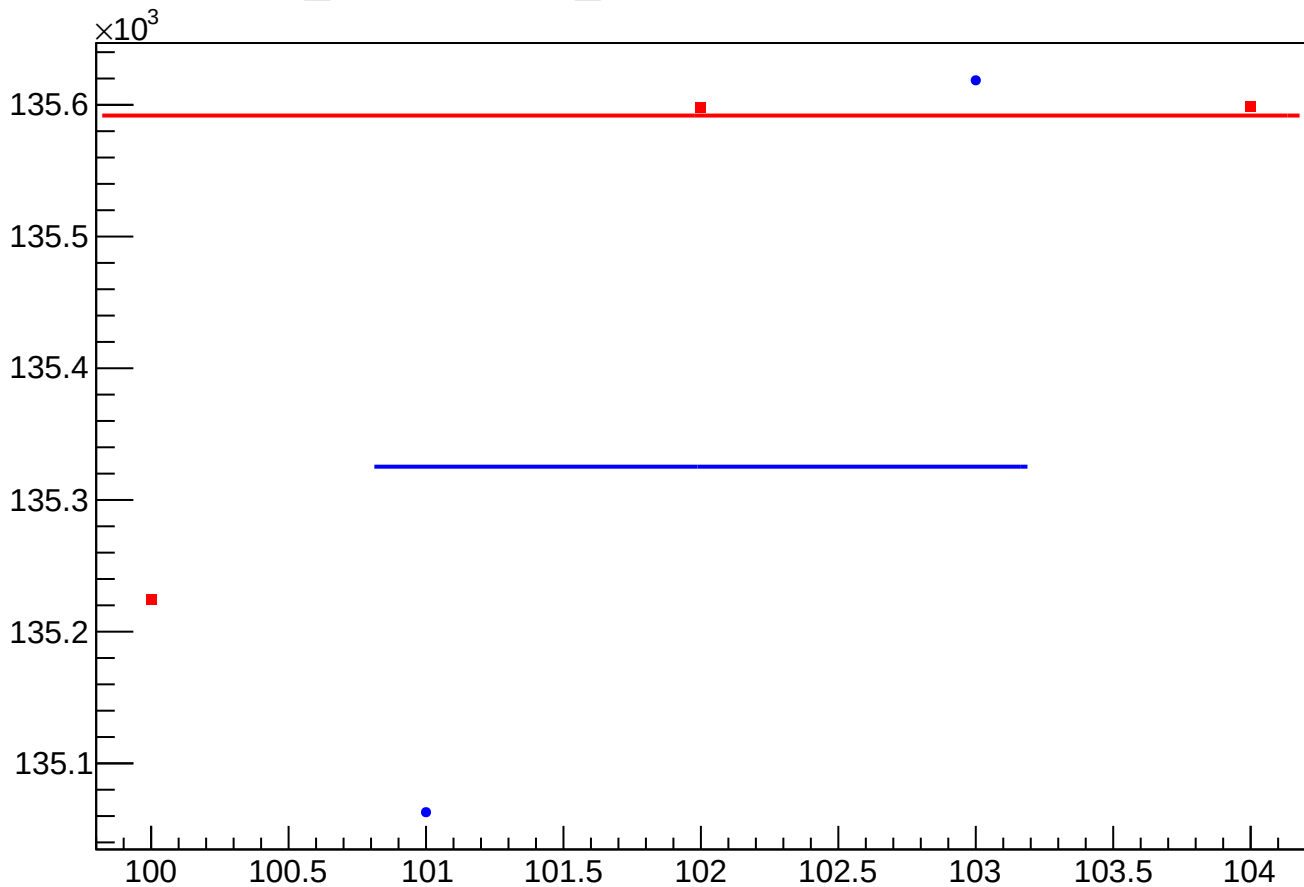
Right: 473.118 $\pm$ 0.213 χ^2 /NDF: 1838.0/4

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: 473.118 $\pm$ 0.213 χ^2 /NDF: 1838.0/4

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135325.276 $\pm$ 0.332 χ^2 /NDF: 699413.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135591.881 $\pm$ 0.350 χ^2 /NDF: 19519.7/2

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

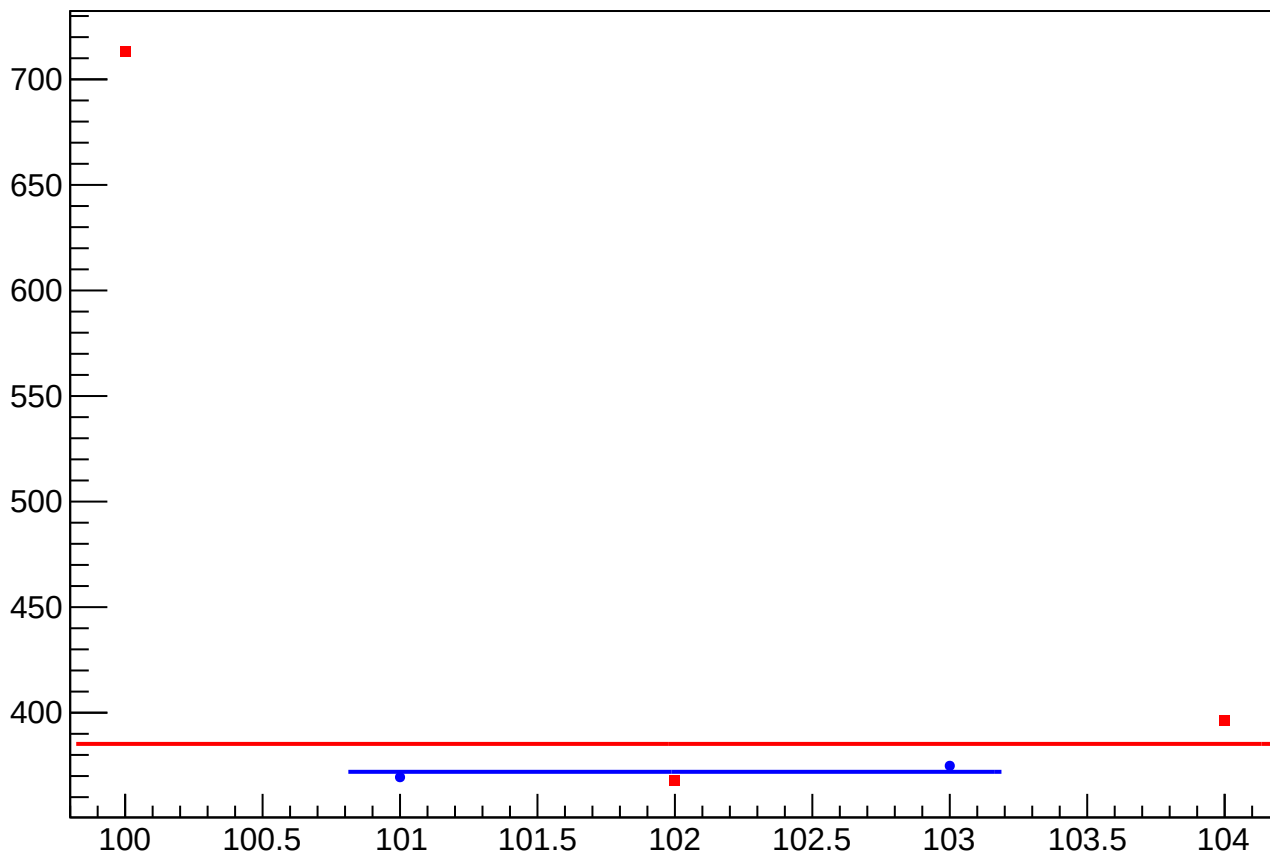
Right: 135451.315 $\pm$ 0.241 χ^2 /NDF: 1024308.9/4

In: 135325.276 $\pm$ 0.332 χ^2 /NDF:699413.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135451.315 $\pm$ 0.241 χ^2 /NDF: 1024308.9/4

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 372.001 $\pm$ 0.235 χ^2 /NDF: 132.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 385.223 $\pm$ 0.248 χ^2 /NDF: 34177.9/2

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

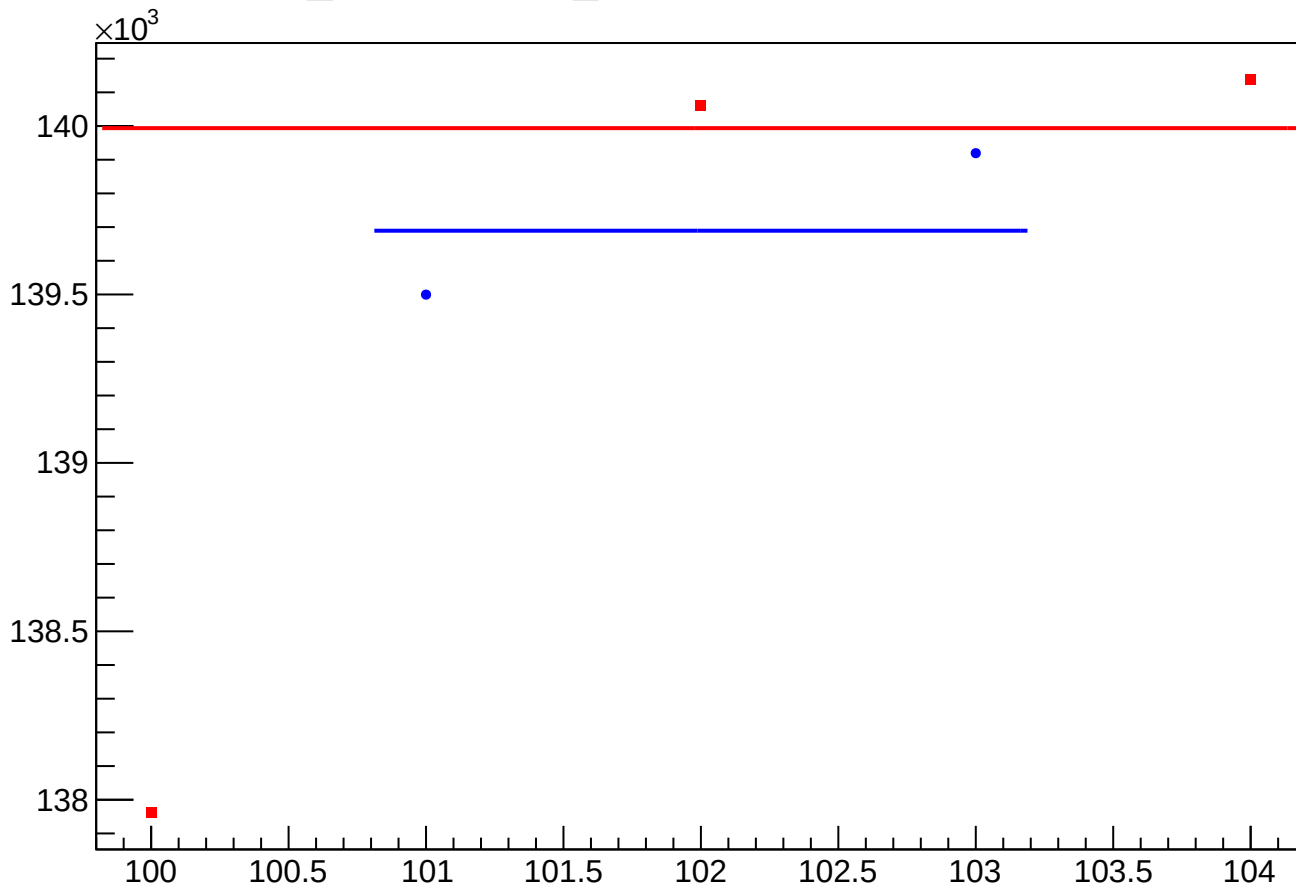
Right: 378.252 $\pm$ 0.170 χ^2 /NDF: 35812.1/4

In: 372.001 $\pm$ 0.235 χ^2 /NDF: 132.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

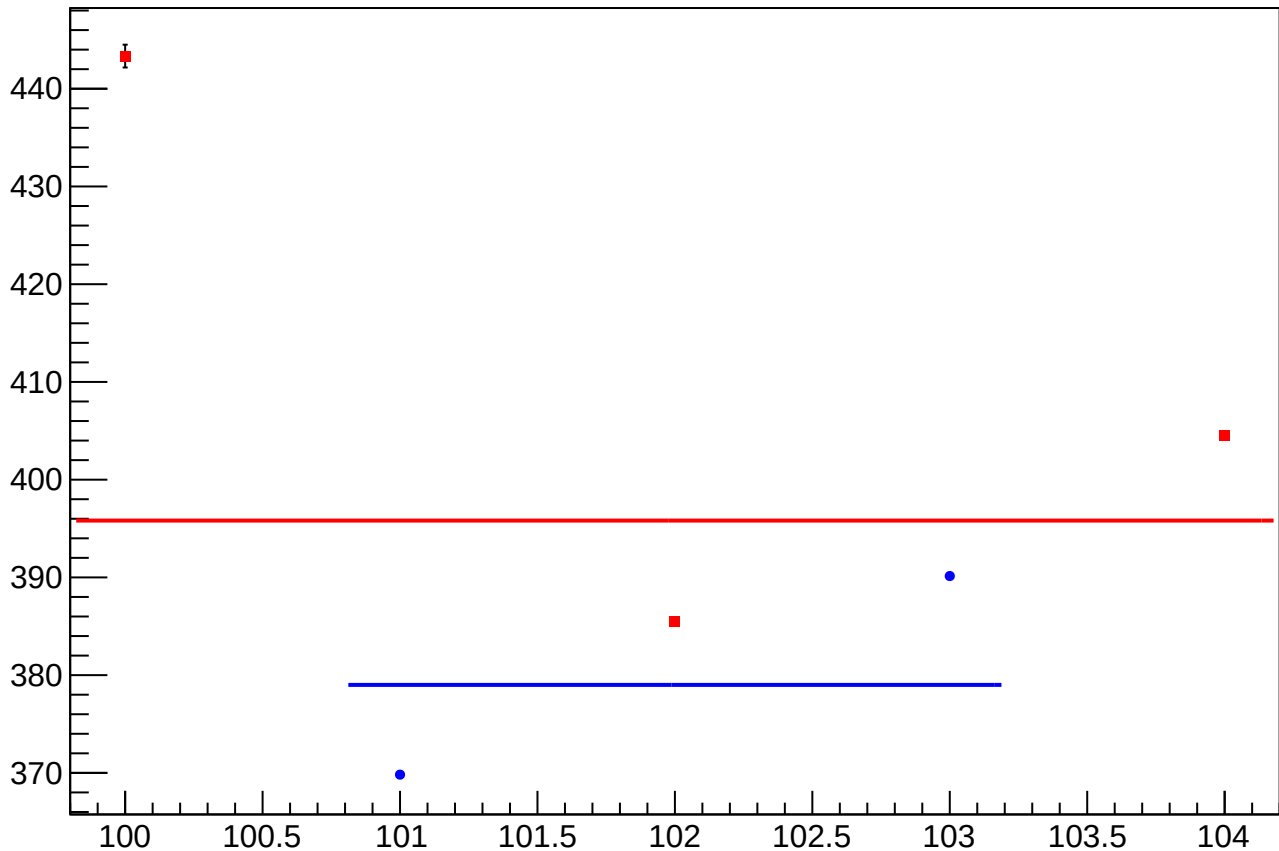
All: 378.252 $\pm$ 0.170 χ^2 /NDF: 35812.1/4

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 139689.267 $\pm$ 0.338 χ^2 /NDF: 382427.7/1
 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: 139833.629 $\pm$ 0.245 χ^2 /NDF: 2363894.6/4
 Right Out: 139993.739 $\pm$ 0.356 χ^2 /NDF: 1596597.8/2
 In: 139689.267 $\pm$ 0.338 χ^2 /NDF: 382427.7/1
 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: 139833.629 $\pm$ 0.245 χ^2 /NDF: 2363894.6

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 379.002 $\pm$ 0.239 χ^2 /NDF: 1791.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 395.815 $\pm$ 0.252 χ^2 /NDF: 3056.5/2

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

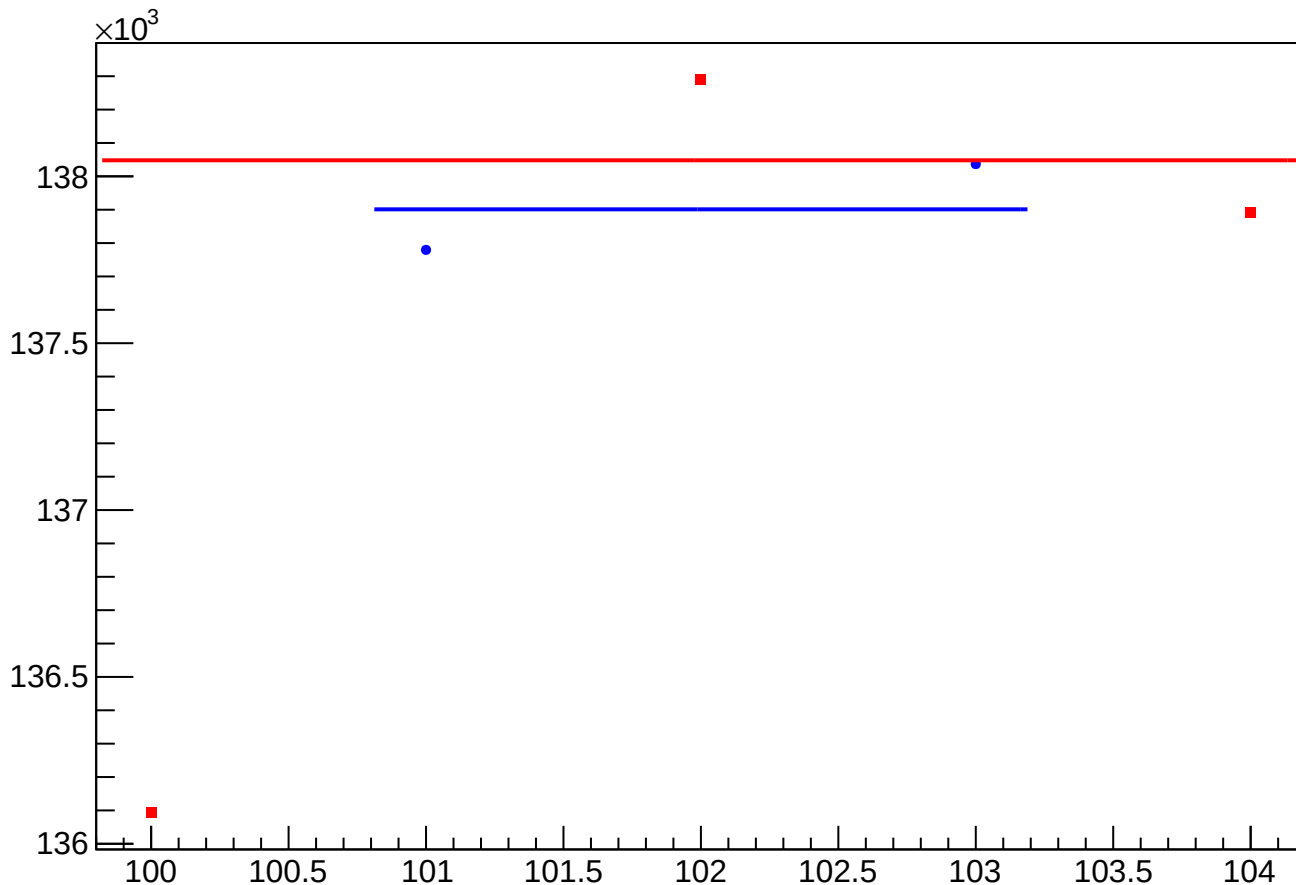
Right: 386.974 $\pm$ 0.173 χ^2 /NDF: 7194.8/4

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: 386.974 $\pm$ 0.173 χ^2 /NDF: 7194.8/4

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 137901.129 ± 0.325 $\chi^2/\text{NDF}: 156191.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 138048.044 ± 0.335 $\chi^2/\text{NDF}: 1583965.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

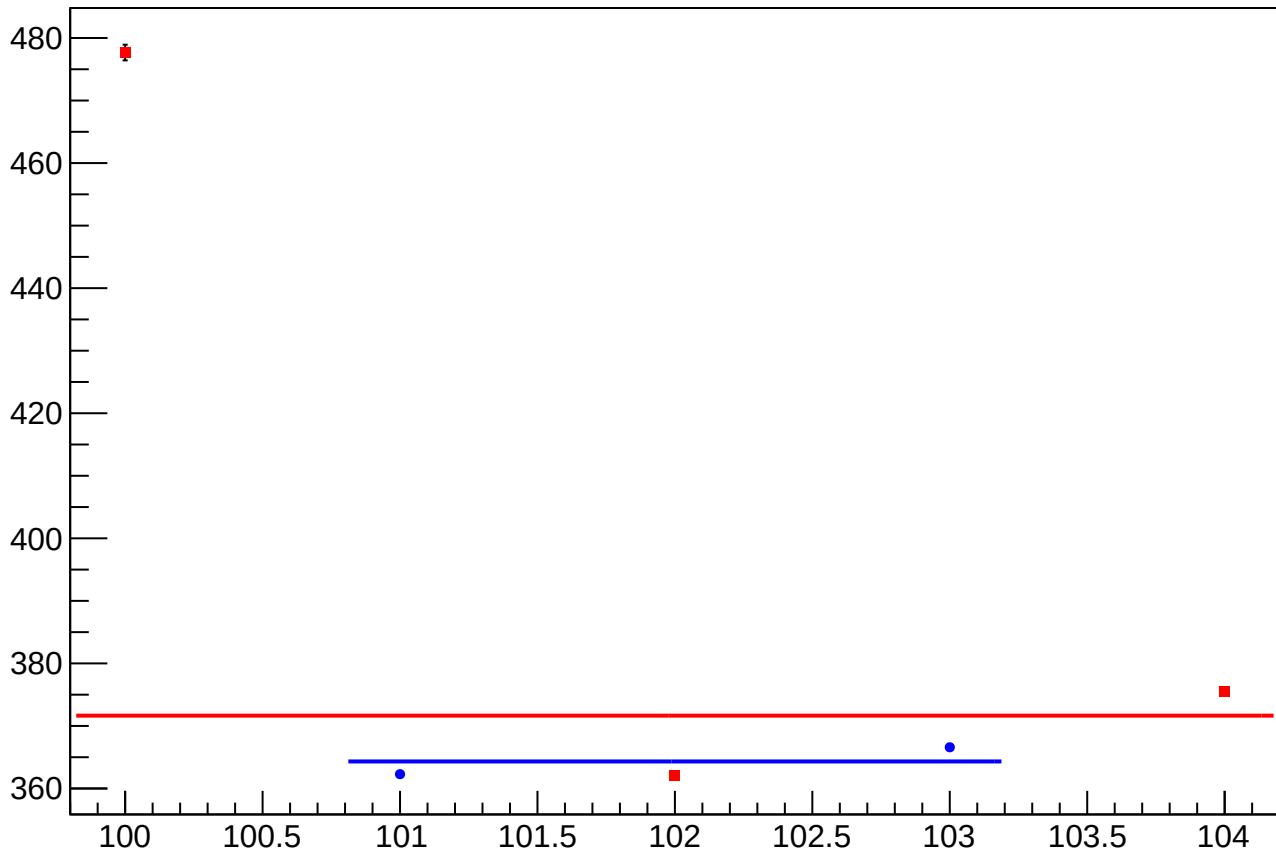
Right: 137972.381 ± 0.233 $\chi^2/\text{NDF}: 1839444.2/4$

In: 137901.129 ± 0.325 $\chi^2/\text{NDF}: 156191.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 137972.381 ± 0.233 $\chi^2/\text{NDF}: 1839444.2$

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 364.324 ± 0.230 $\chi^2/\text{NDF}: 87.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 371.648 ± 0.237 $\chi^2/\text{NDF}: 8132.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

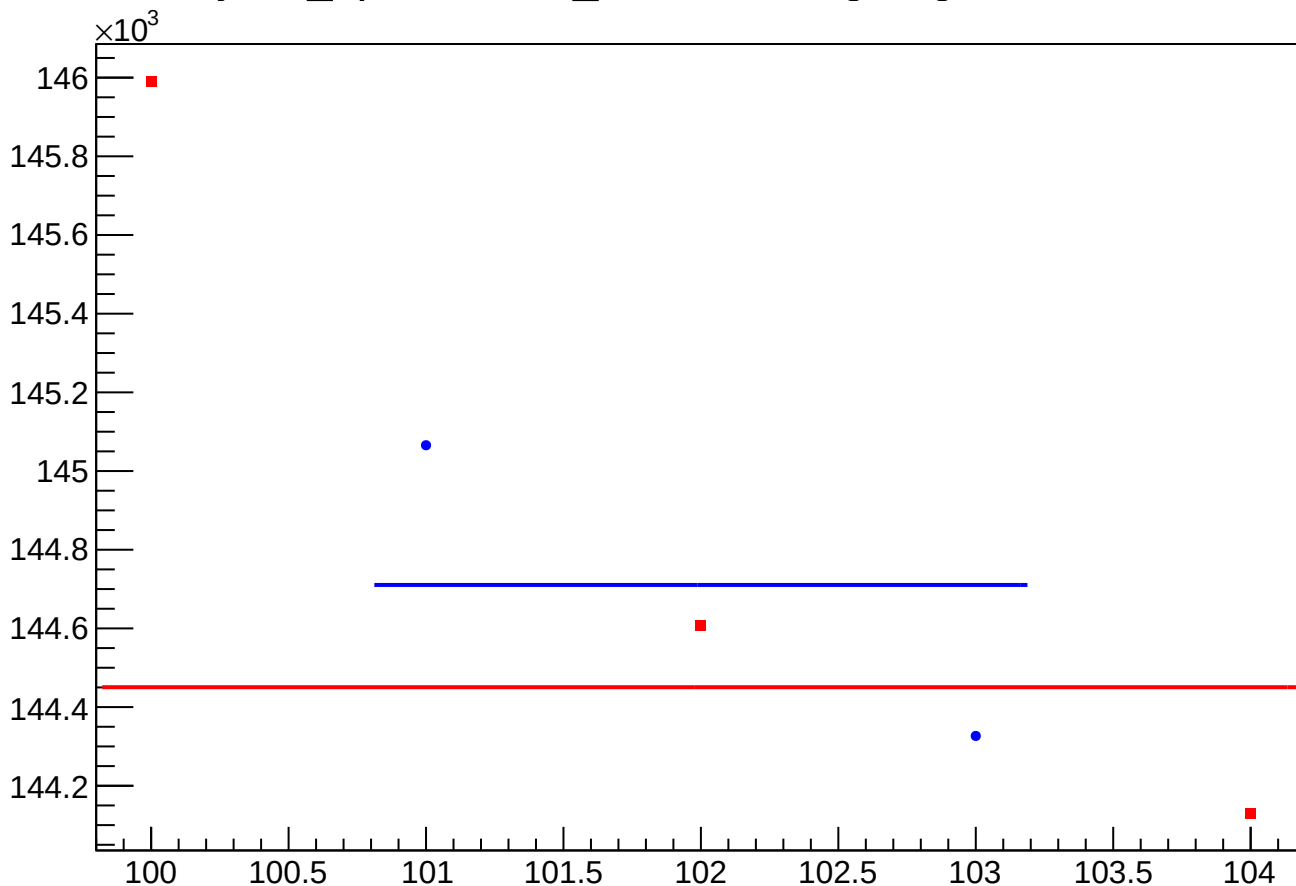
Right: 367.876 ± 0.165 $\chi^2/\text{NDF}: 8713.0/4$

In: 364.324 ± 0.230 $\chi^2/\text{NDF}: 87.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 367.876 ± 0.165 $\chi^2/\text{NDF}: 8713.0/4$

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 144710.466+/-0.322 χ^2/NDF : 1316203.5/1

Right: 144583.956+/-0.231 χ^2/NDF : 2771263.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 144710.466+/-0.322 χ^2/NDF : 1316203.5/1

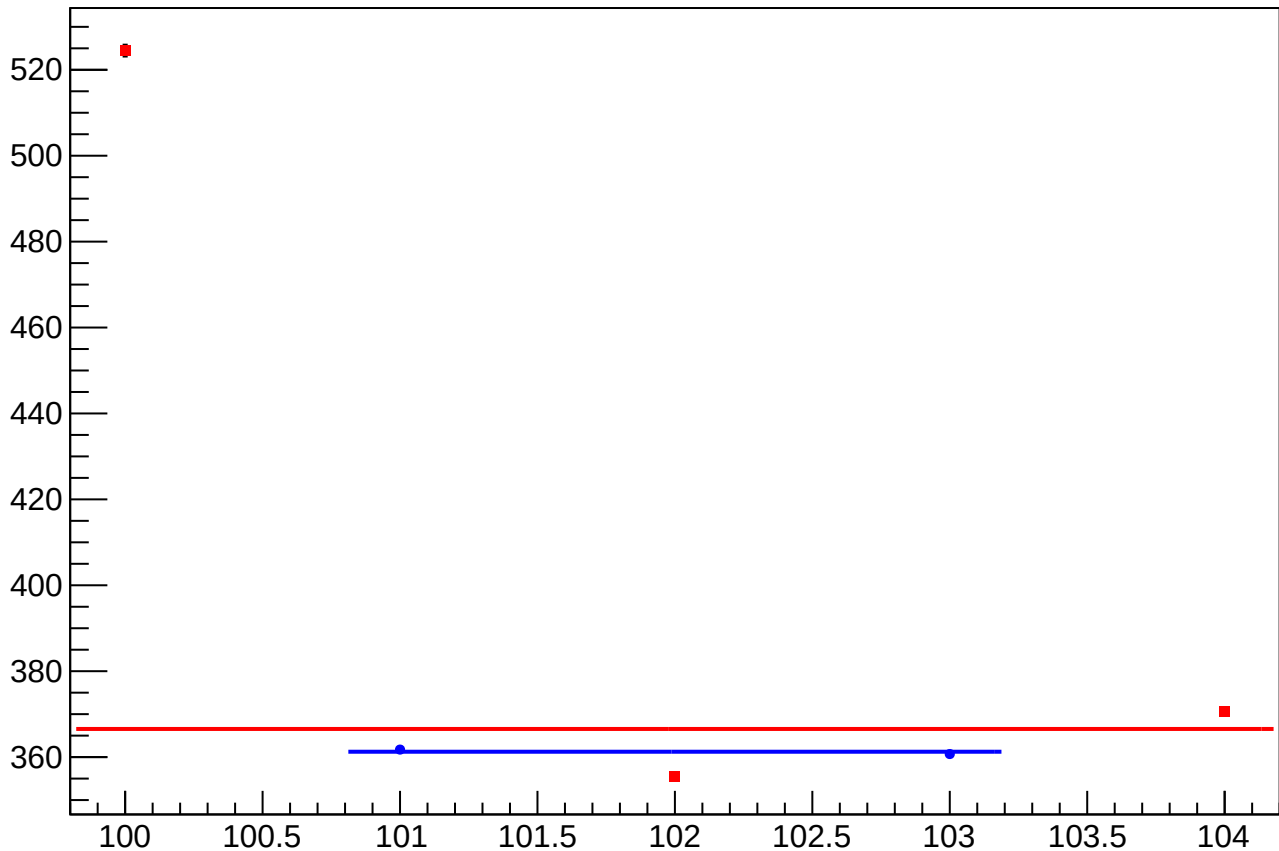
Right Out: 144450.545+/-0.330 χ^2/NDF : 1137501.7/2

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144583.956+/-0.231 χ^2/NDF : 2771263.9/4

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: 366.552+/-0.234 χ^2/NDF : 14468.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

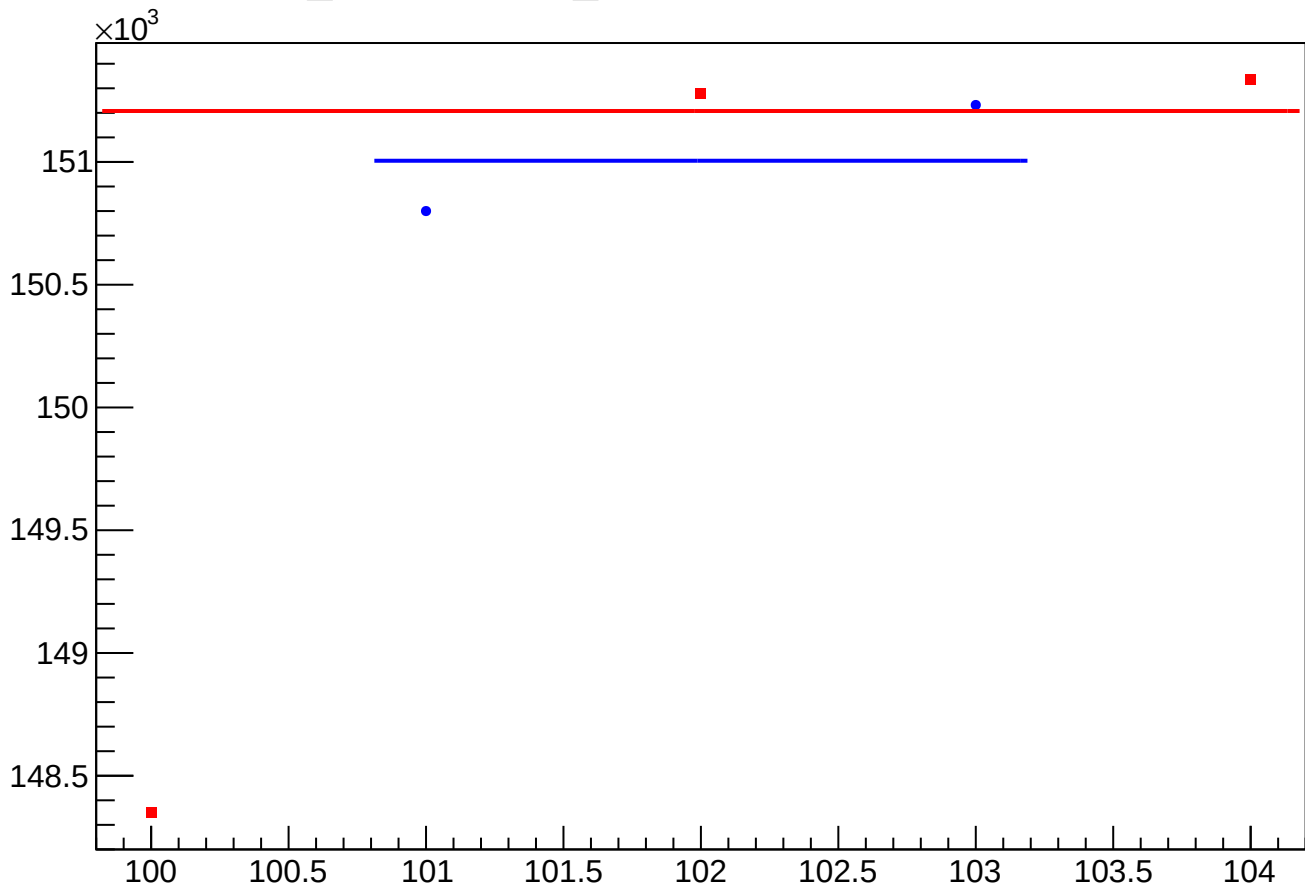
Right: 363.832+/-0.163 χ^2/NDF : 14737.3/4

In: 361.252+/-0.228 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

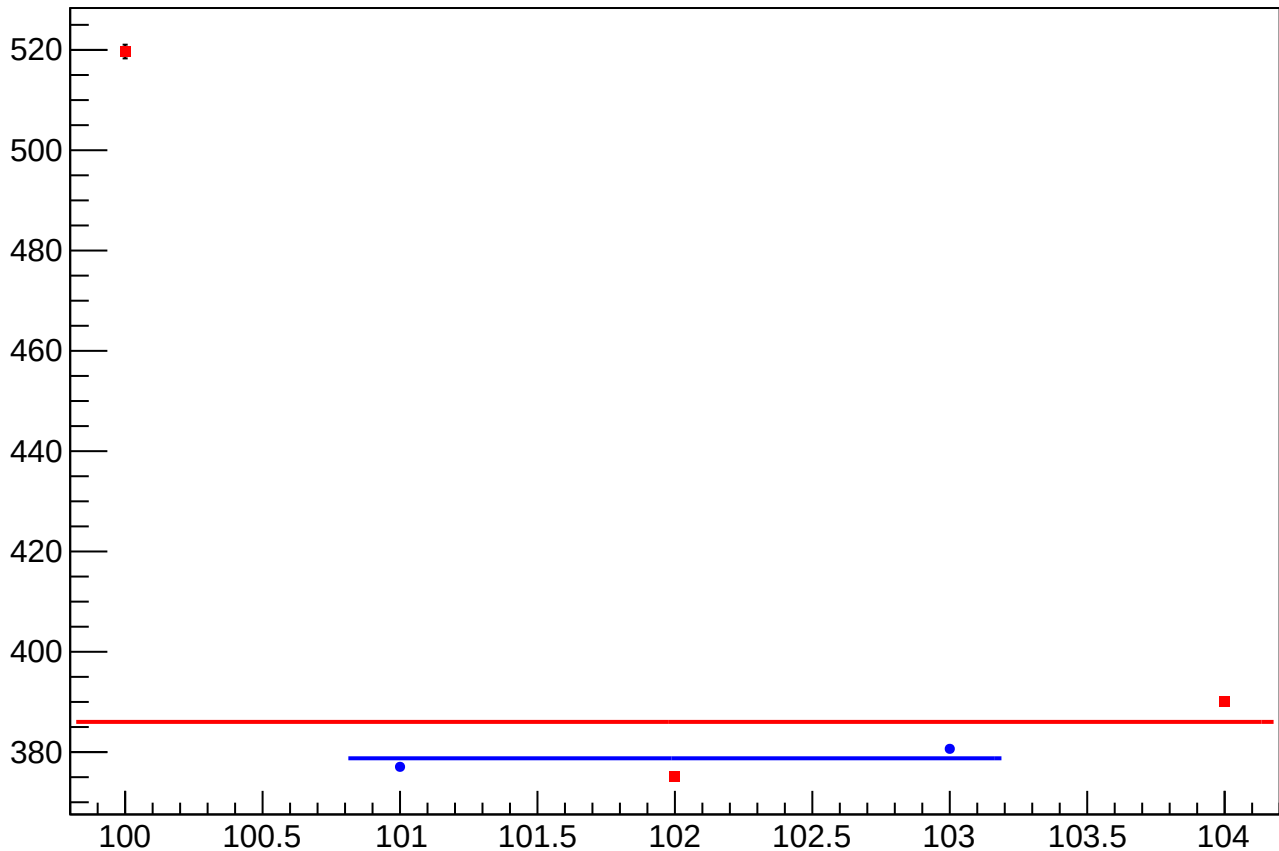
All: 363.832+/-0.163 χ^2/NDF : 14737.3/4

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1
 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: 151103.212 $\pm$ 0.242 χ^2 /NDF: 2841997.6/4
 Right Out: 151207.548 $\pm$ 0.348 χ^2 /NDF: 2258393.0/2
 In: 151004.917 $\pm$ 0.337 χ^2 /NDF: 408686.8/1
 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: 151103.212 $\pm$ 0.242 χ^2 /NDF: 2841997.6

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right: 382.285 +/- 0.171 χ^2/NDF : 11244.1/4

In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 382.285 +/- 0.171 χ^2/NDF : 11244.1/4

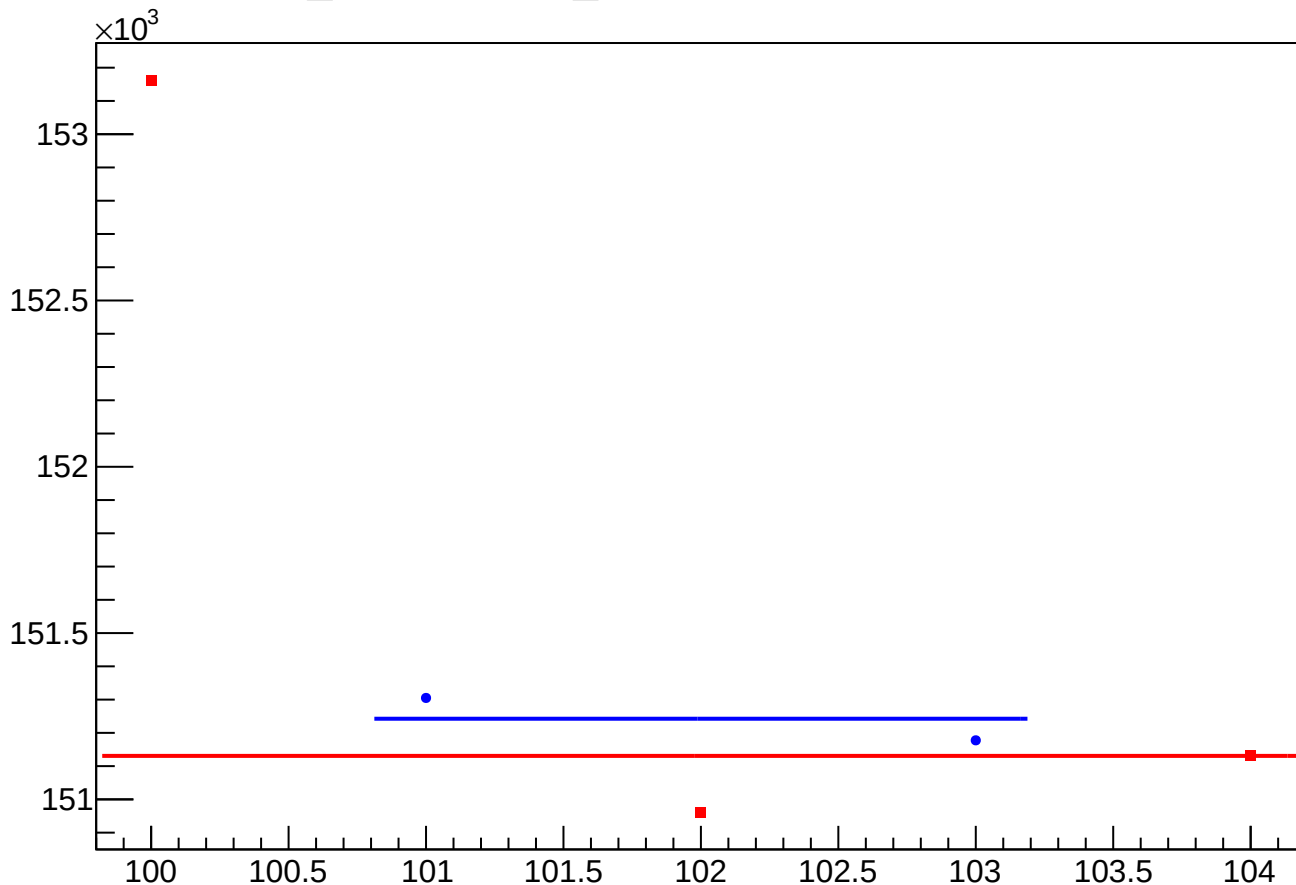
Right In: 378.765 +/- 0.239 χ^2/NDF : 56.4/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 386.022 +/- 0.246 χ^2/NDF : 10739.0/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 151242.497 $\pm$ 0.354 χ^2 /NDF: 32437.7/1

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 151191.384 $\pm$ 0.261 χ^2 /NDF: 1463801.7/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151130.761 $\pm$ 0.385 χ^2 /NDF: 1385712.5/2

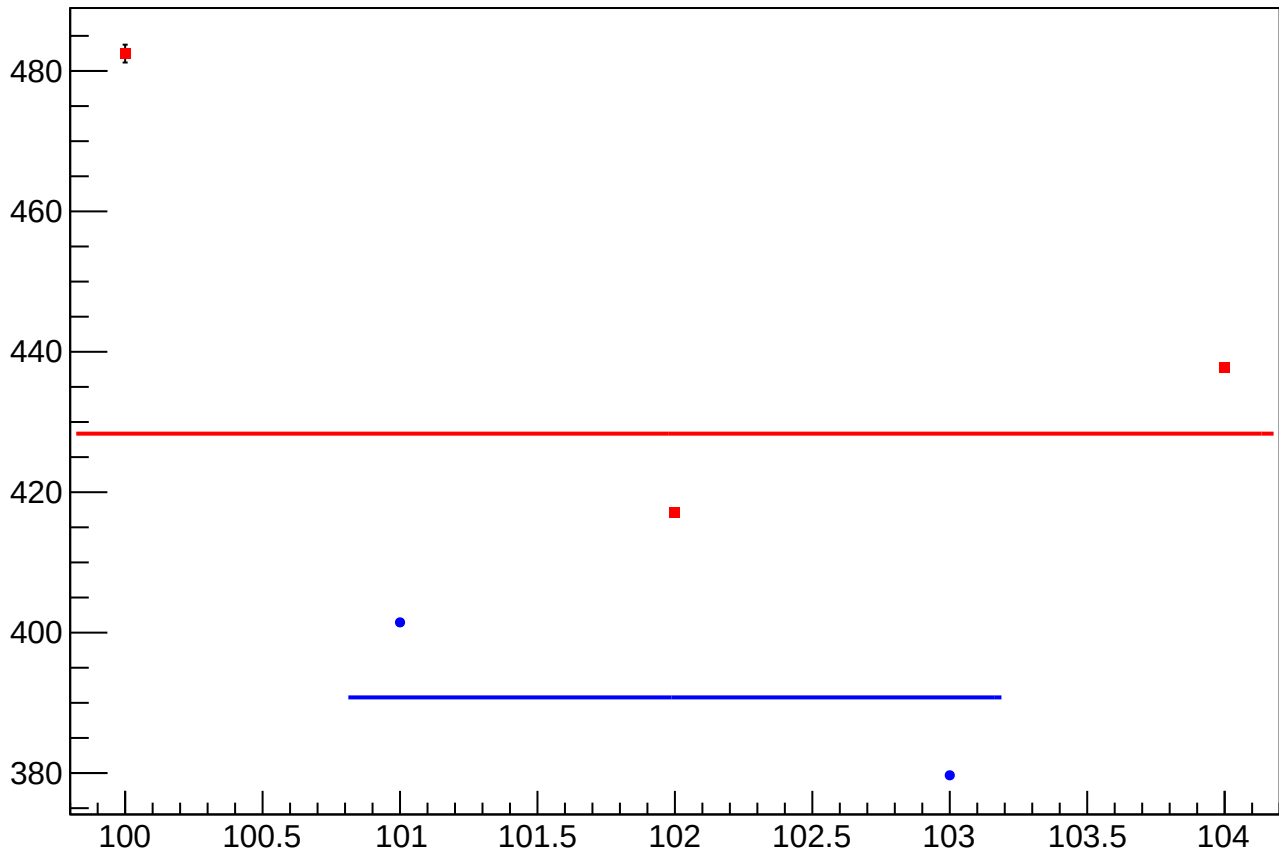
In: 151242.497 $\pm$ 0.354 χ^2 /NDF: 32437.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151191.384 $\pm$ 0.261 χ^2 /NDF: 1463801.7/4

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: 428.343+/-0.272 χ^2/NDF : 3241.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

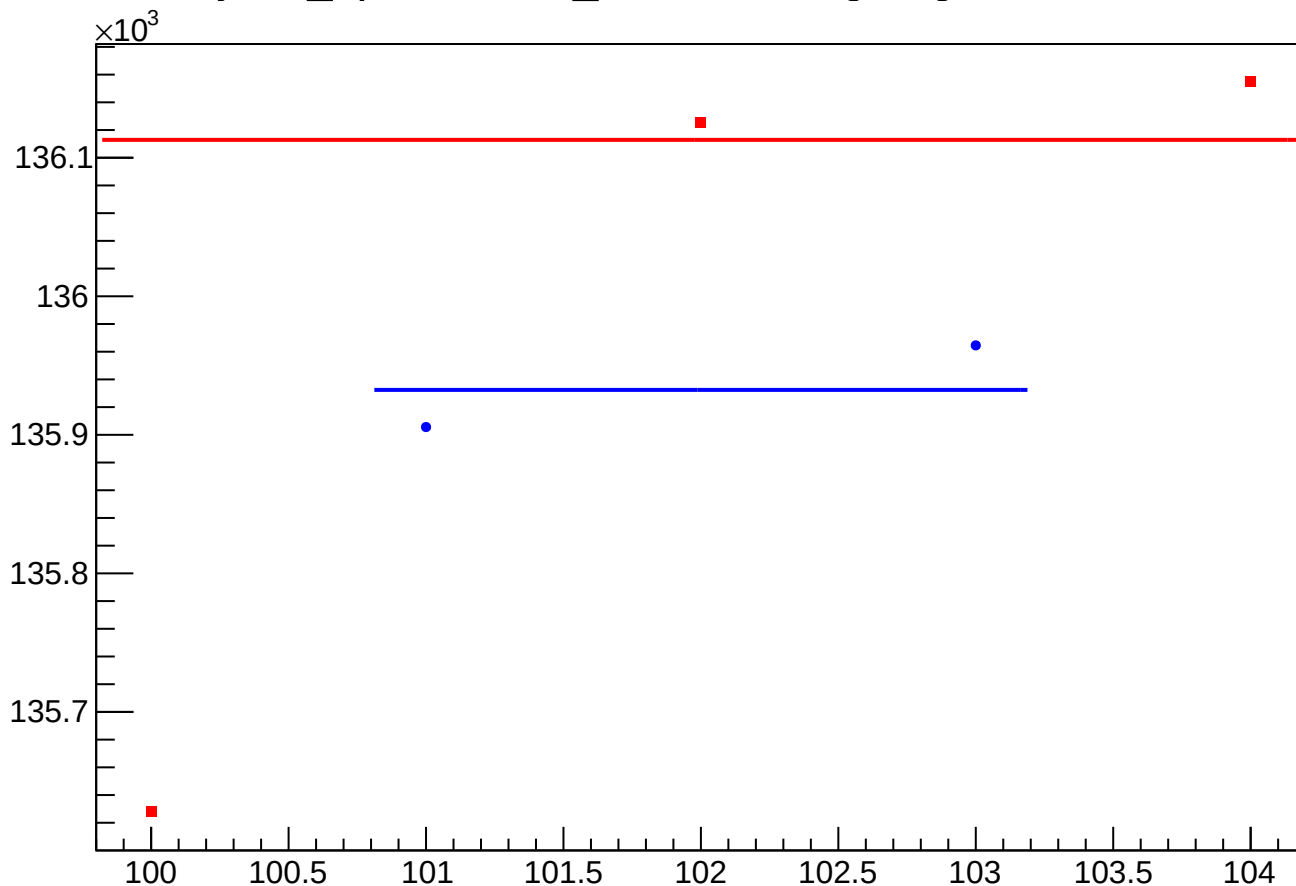
Right: 407.961+/-0.184 χ^2/NDF : 15458.0/4

In: 390.776+/-0.250 χ^2/NDF : 1895.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 407.961+/-0.184 χ^2/NDF : 15458.0/4

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: 136112.908 $\pm$ 0.347 χ^2 /NDF: 102393.7/2

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

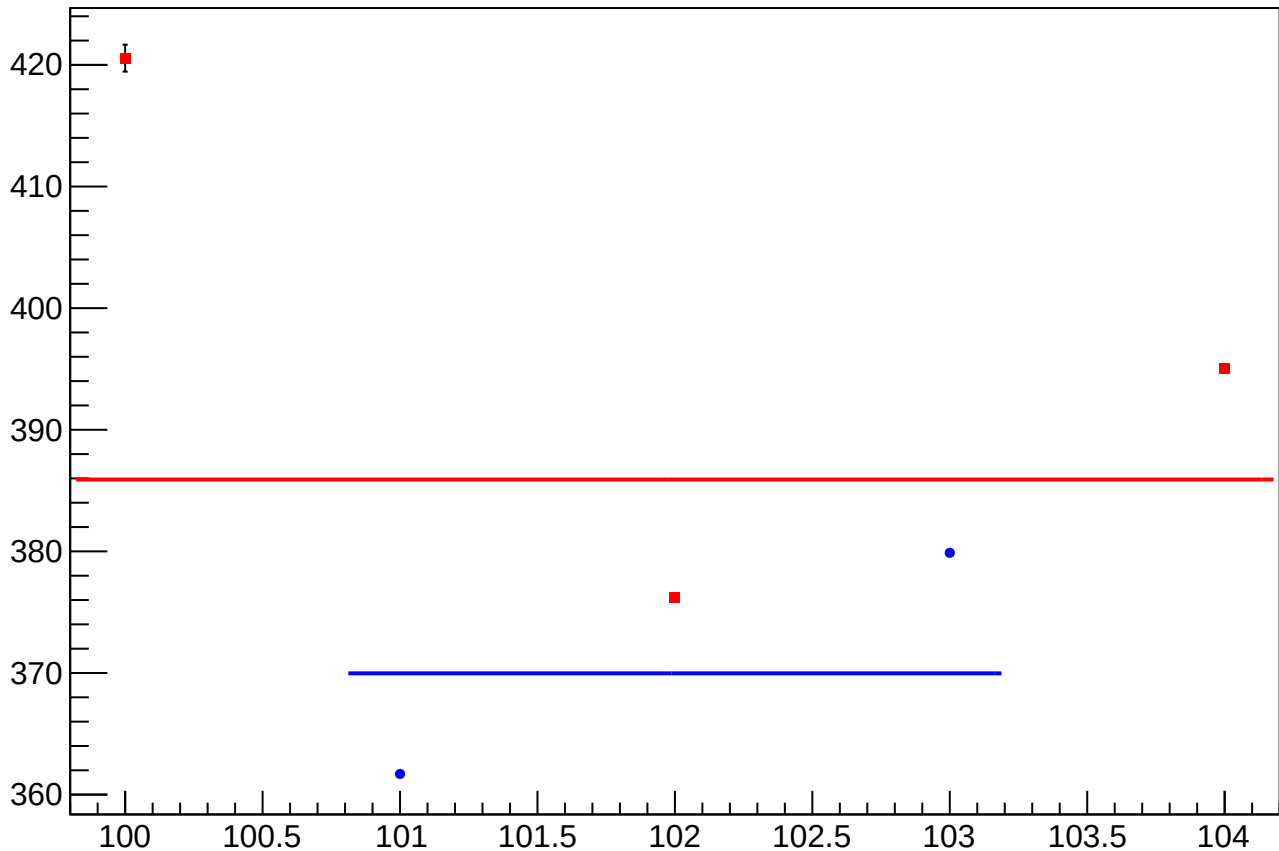
Right: 136018.060 $\pm$ 0.239 χ^2 /NDF: 252542.5/4

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: 136018.060 $\pm$ 0.239 χ^2 /NDF: 252542.5/4

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 369.971 $\pm$ 0.233 χ^2 /NDF: 1509.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 385.908 $\pm$ 0.245 χ^2 /NDF: 2401.7/2

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

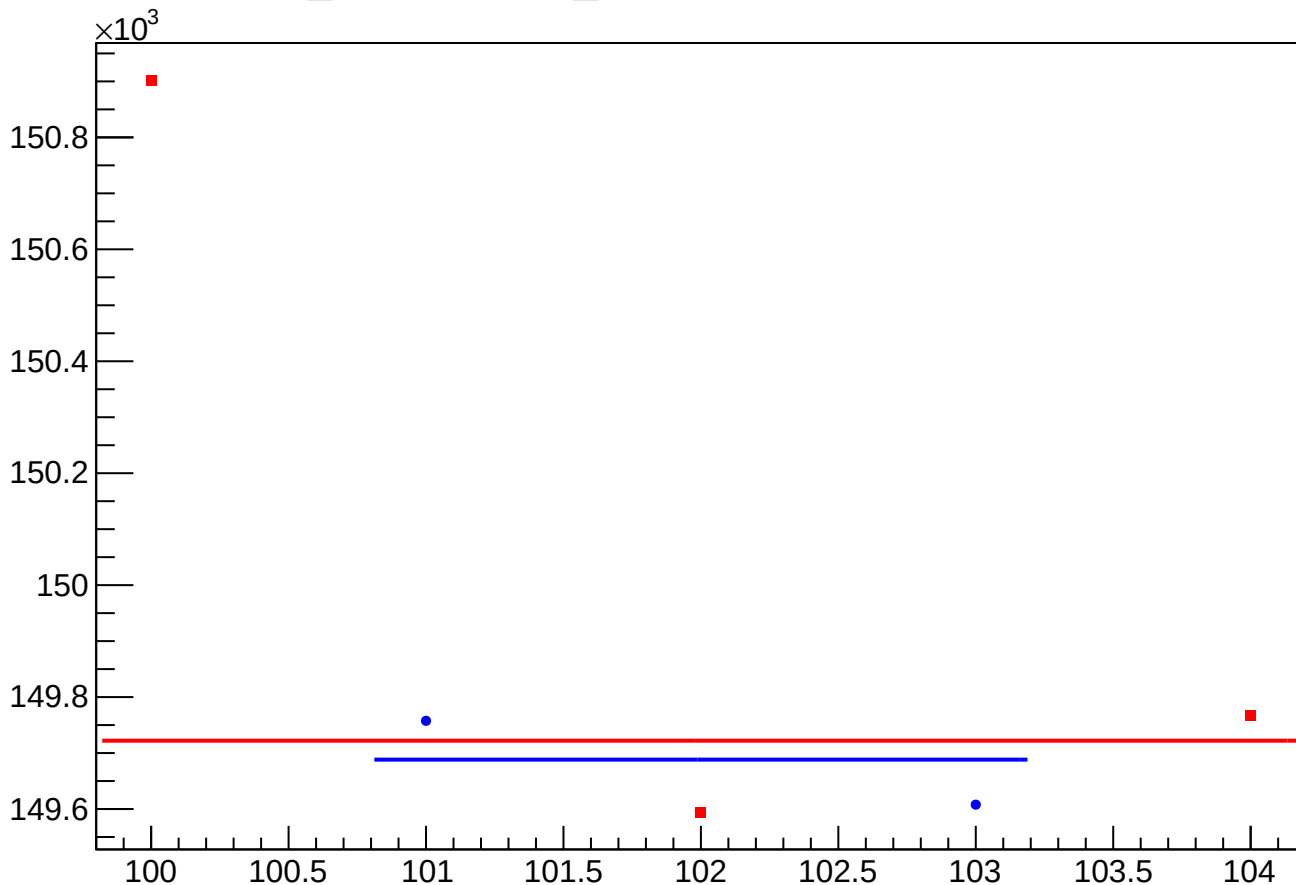
Right: 377.532 $\pm$ 0.169 χ^2 /NDF: 6129.1/4

In: 369.971 $\pm$ 0.233 χ^2 /NDF:1509.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 377.532 $\pm$ 0.169 χ^2 /NDF: 6129.1/4

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: 149722.093 $\pm$ 0.381 χ^2 /NDF: 504063.9/2

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

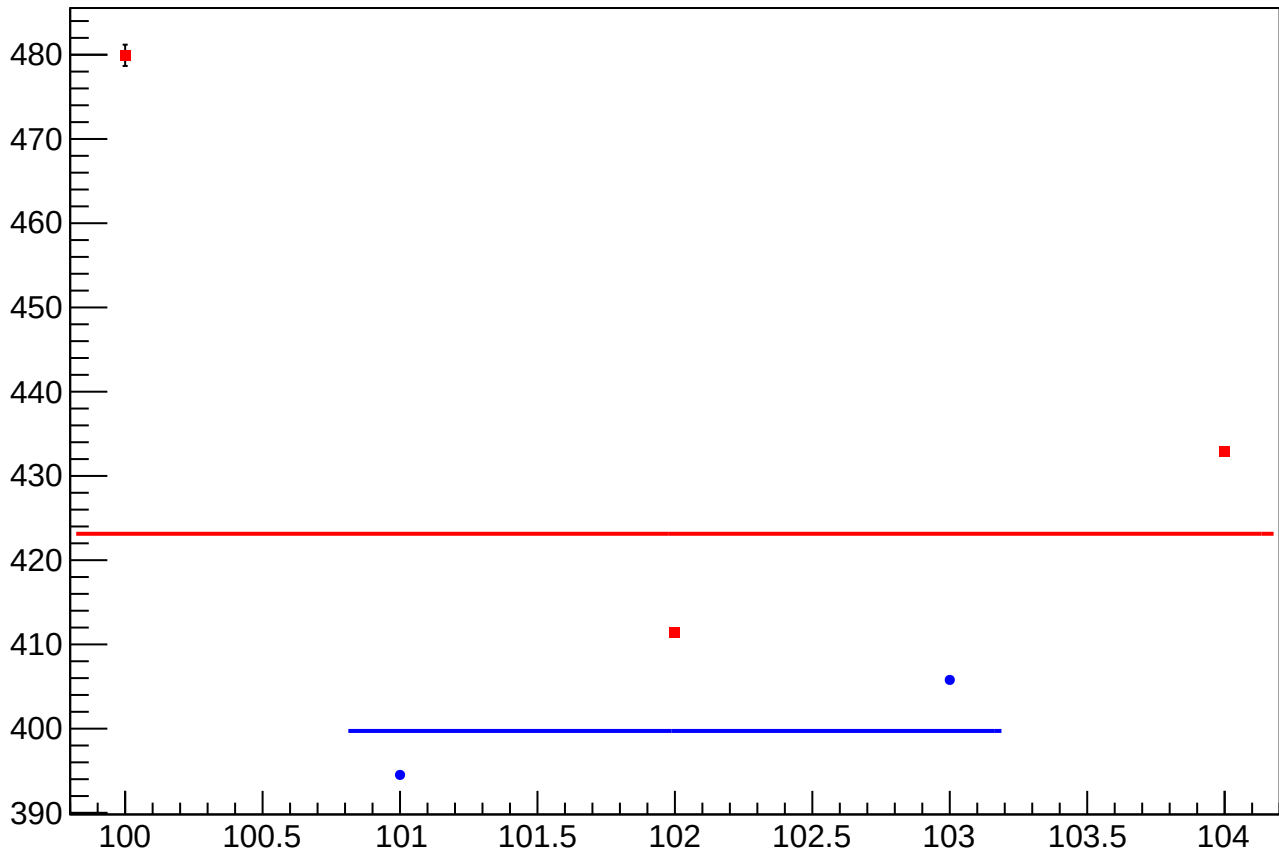
Right: 149704.101 $\pm$ 0.260 χ^2 /NDF: 552051.1/4

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: 149704.101 $\pm$ 0.260 χ^2 /NDF: 552051.1/4

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: 423.134+/-0.269 χ^2/NDF : 3590.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

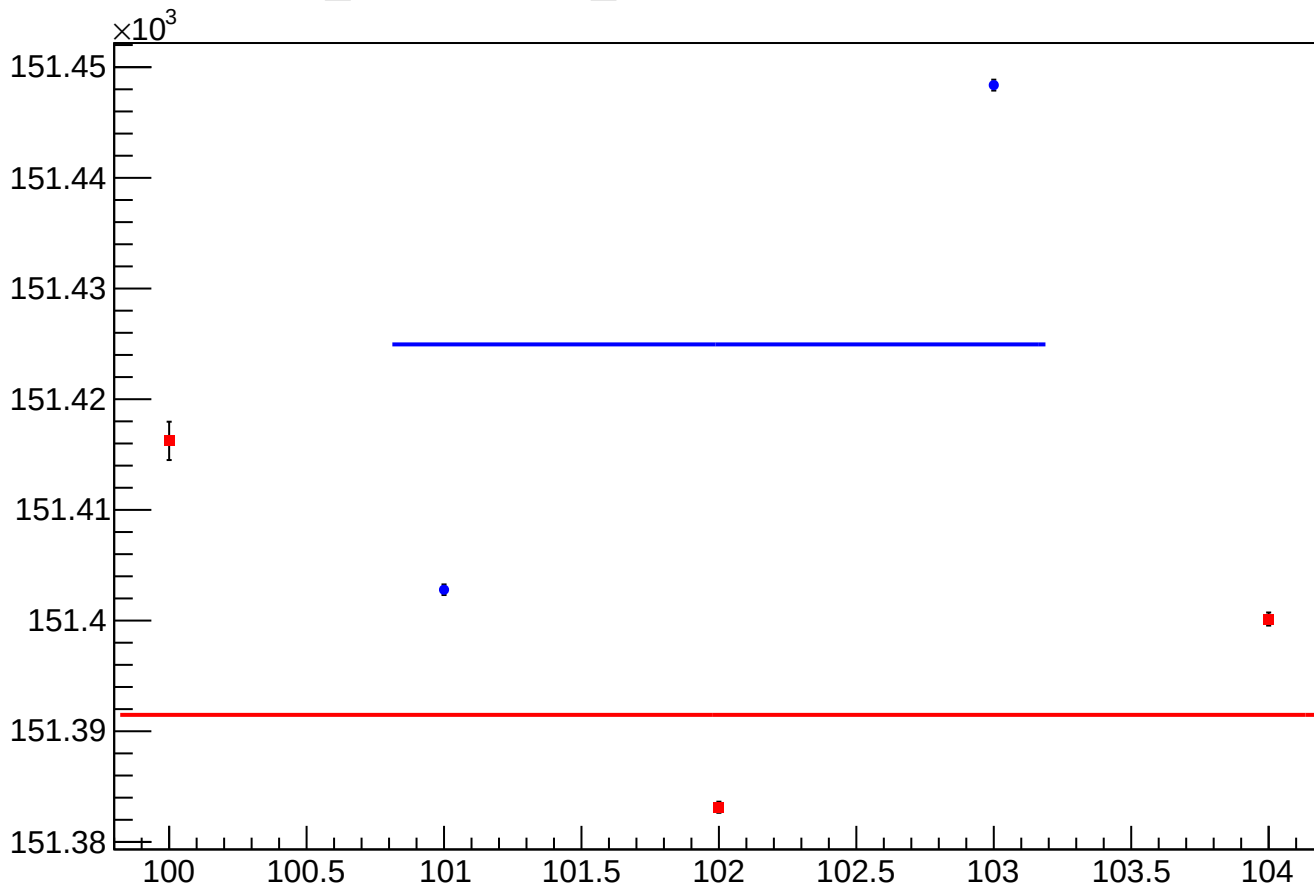
Right: 410.684+/-0.184 χ^2/NDF : 8111.2/4

In: 399.729+/-0.252 χ^2/NDF : 496.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.684+/-0.184 χ^2/NDF : 8111.2/4

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: 151391.481 $\pm$ 0.373 χ^2 /NDF: 697.1/2

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

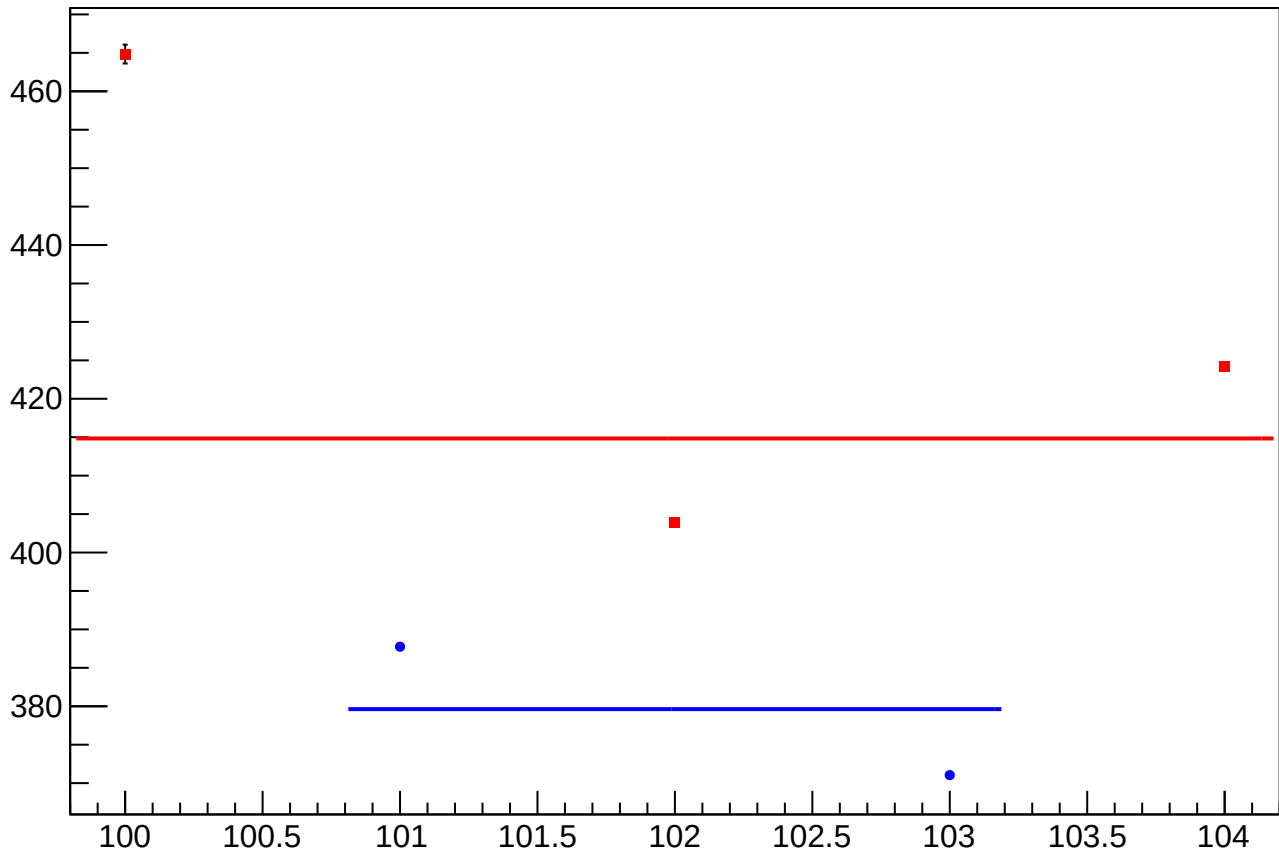
Right: 151409.612 $\pm$ 0.253 χ^2 /NDF: 9468.5/4

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: 151409.612 $\pm$ 0.253 χ^2 /NDF: 9468.5/4

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: 414.839+/-0.264 χ^2/NDF : 3132.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

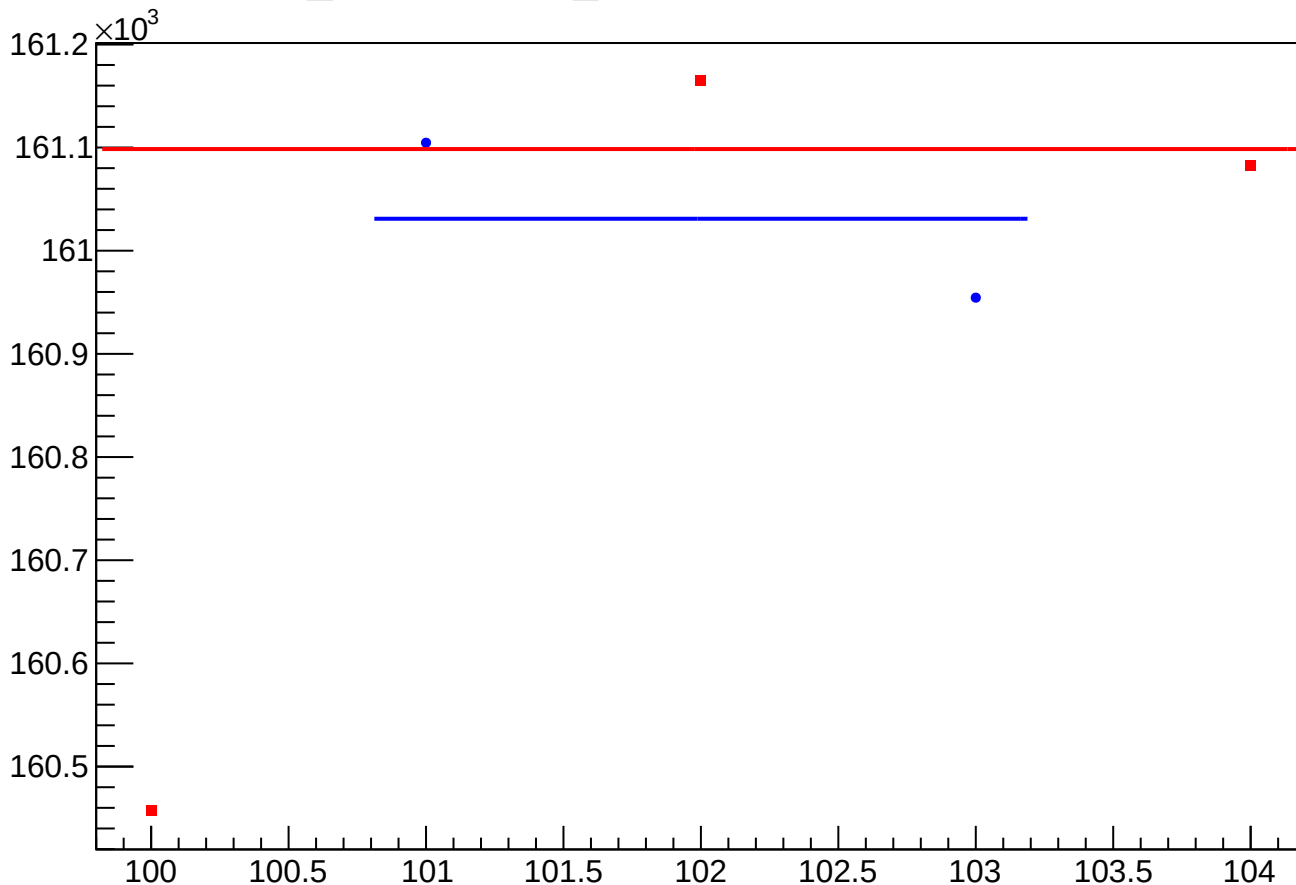
Right: 395.765+/-0.179 χ^2/NDF : 13969.4/4

In: 379.627+/-0.243 χ^2/NDF : 1184.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.765+/-0.179 χ^2/NDF : 13969.4/4

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: 161098.513 $\pm$ 0.393 χ^2 /NDF: 142940.6/2

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

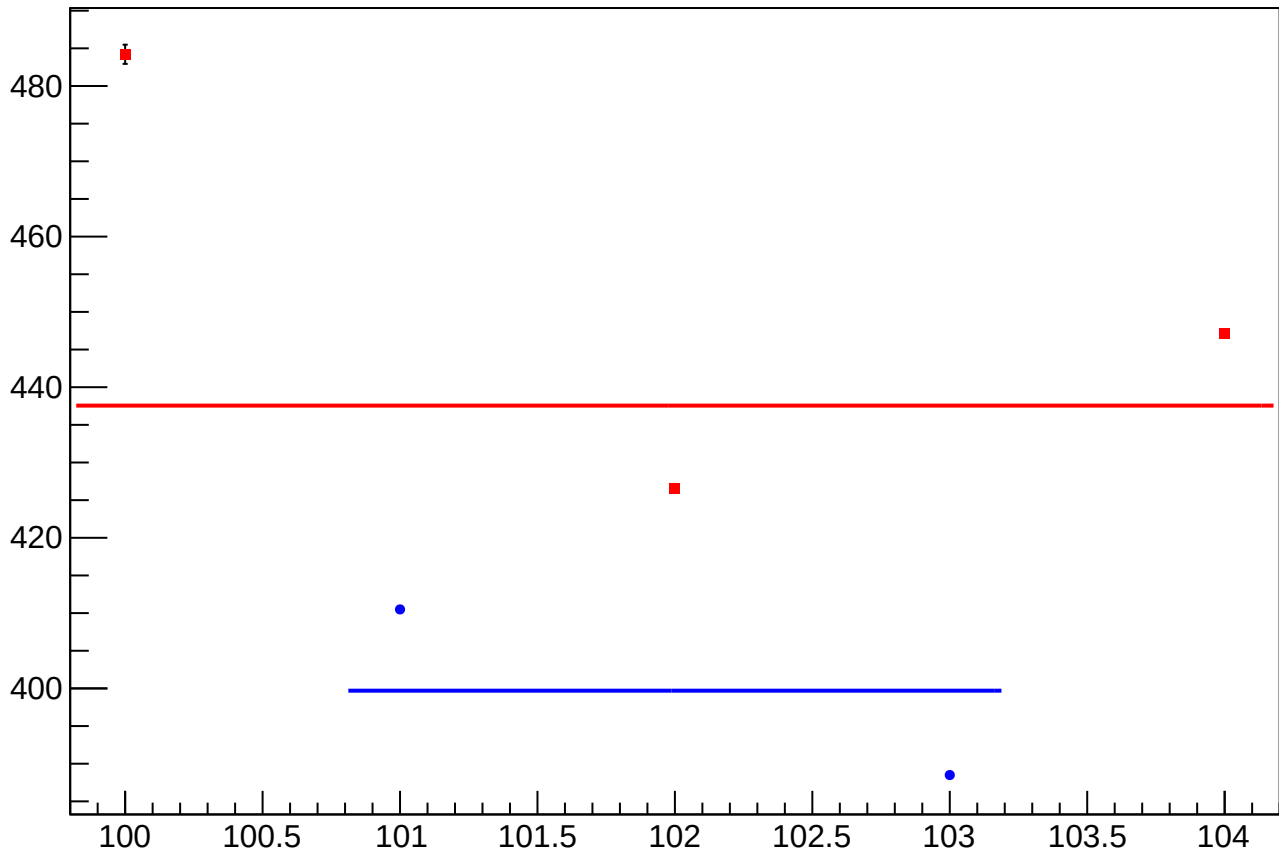
Right: 161061.896 $\pm$ 0.266 χ^2 /NDF: 202005.2/4

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: 161061.896 $\pm$ 0.266 χ^2 /NDF: 202005.2/4

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 399.698 ± 0.256 $\chi^2/\text{NDF}: 1849.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 437.556 ± 0.278 $\chi^2/\text{NDF}: 2669.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

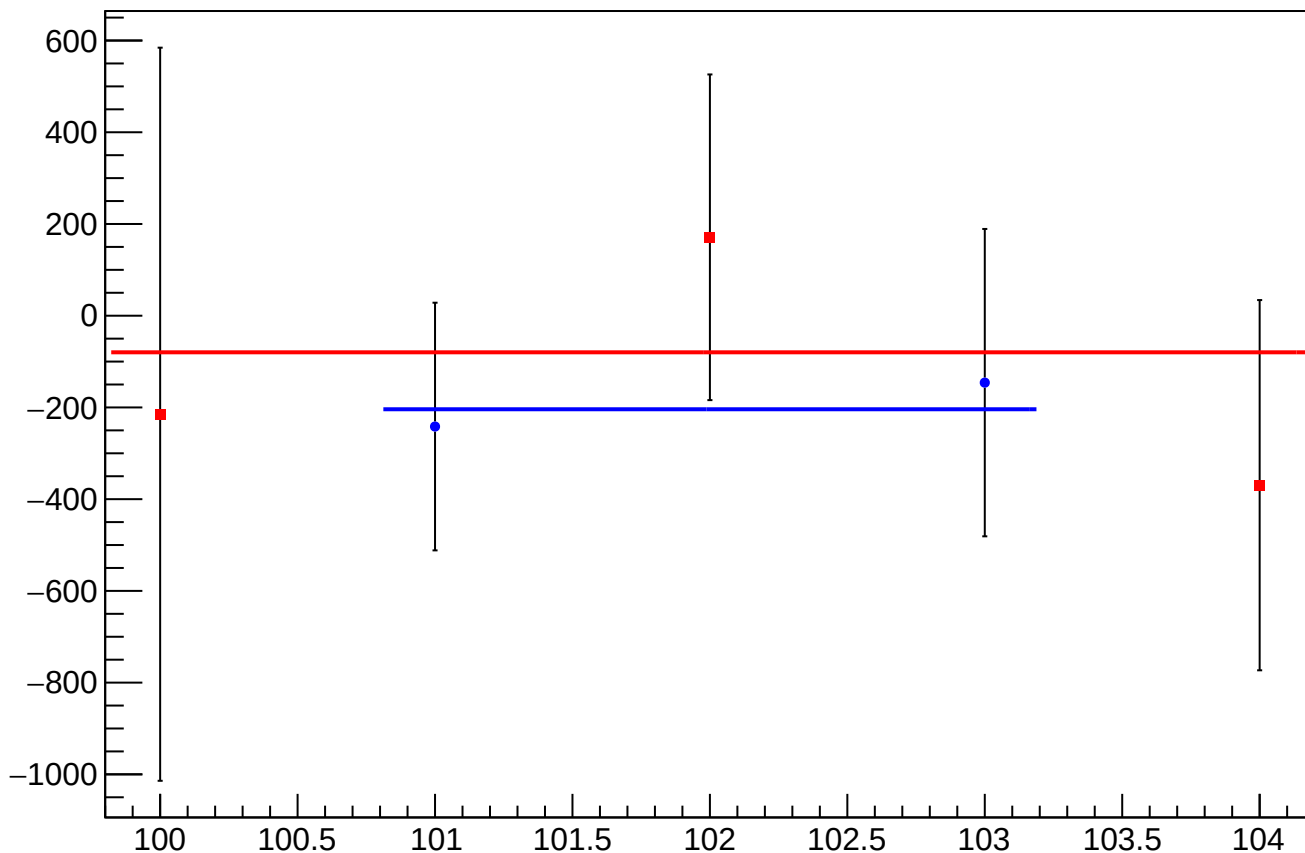
Right: 417.034 ± 0.188 $\chi^2/\text{NDF}: 14556.0/4$

In: 399.698 ± 0.256 $\chi^2/\text{NDF}: 1849.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 417.034 ± 0.188 $\chi^2/\text{NDF}: 14556.0/4$

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: -79.801+/-252.887 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

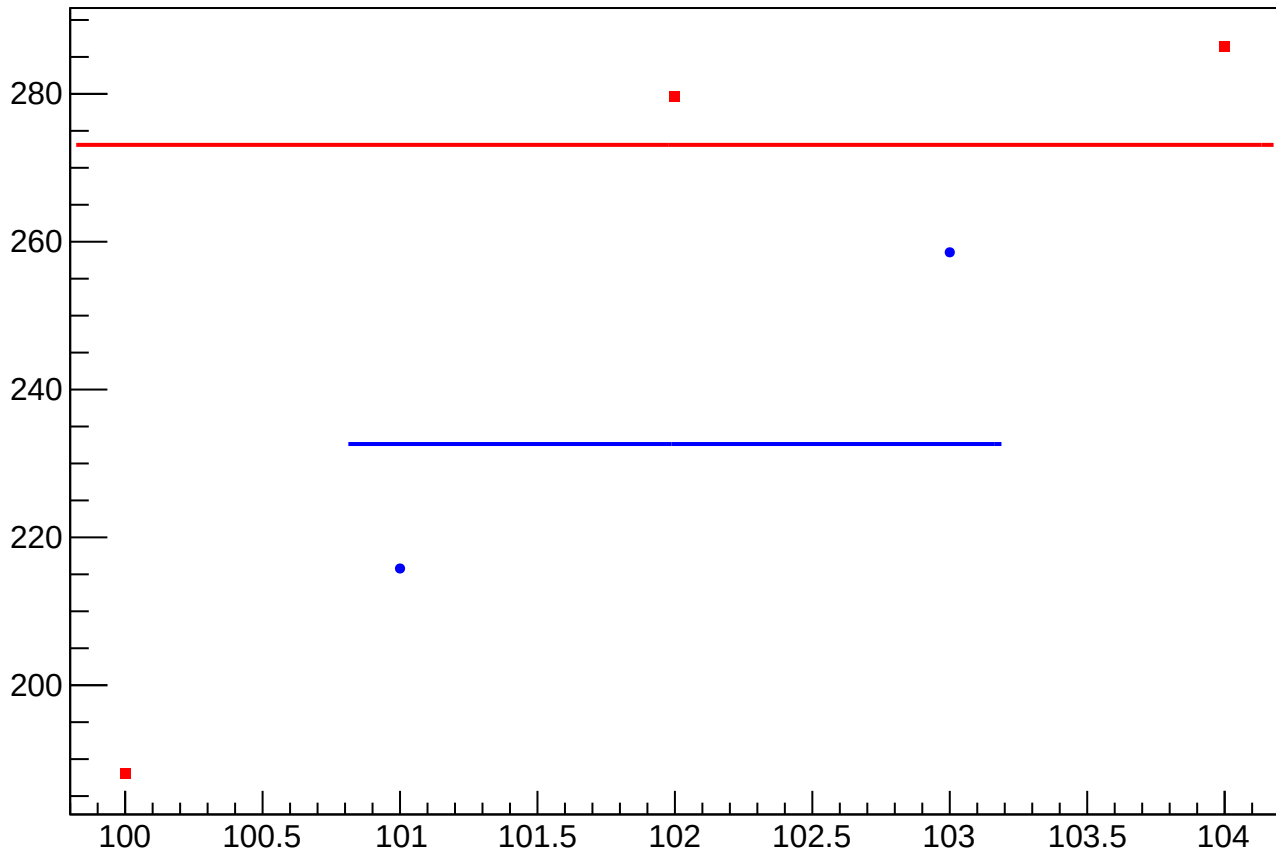
Right: -153.227+/-161.669 χ^2/NDF : 1.2/4

In: -203.977+/-210.242 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.227+/-161.669 χ^2/NDF : 1.2/4

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: 273.103 $\pm$ 0.179 χ^2 /NDF: 25491.3/2

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

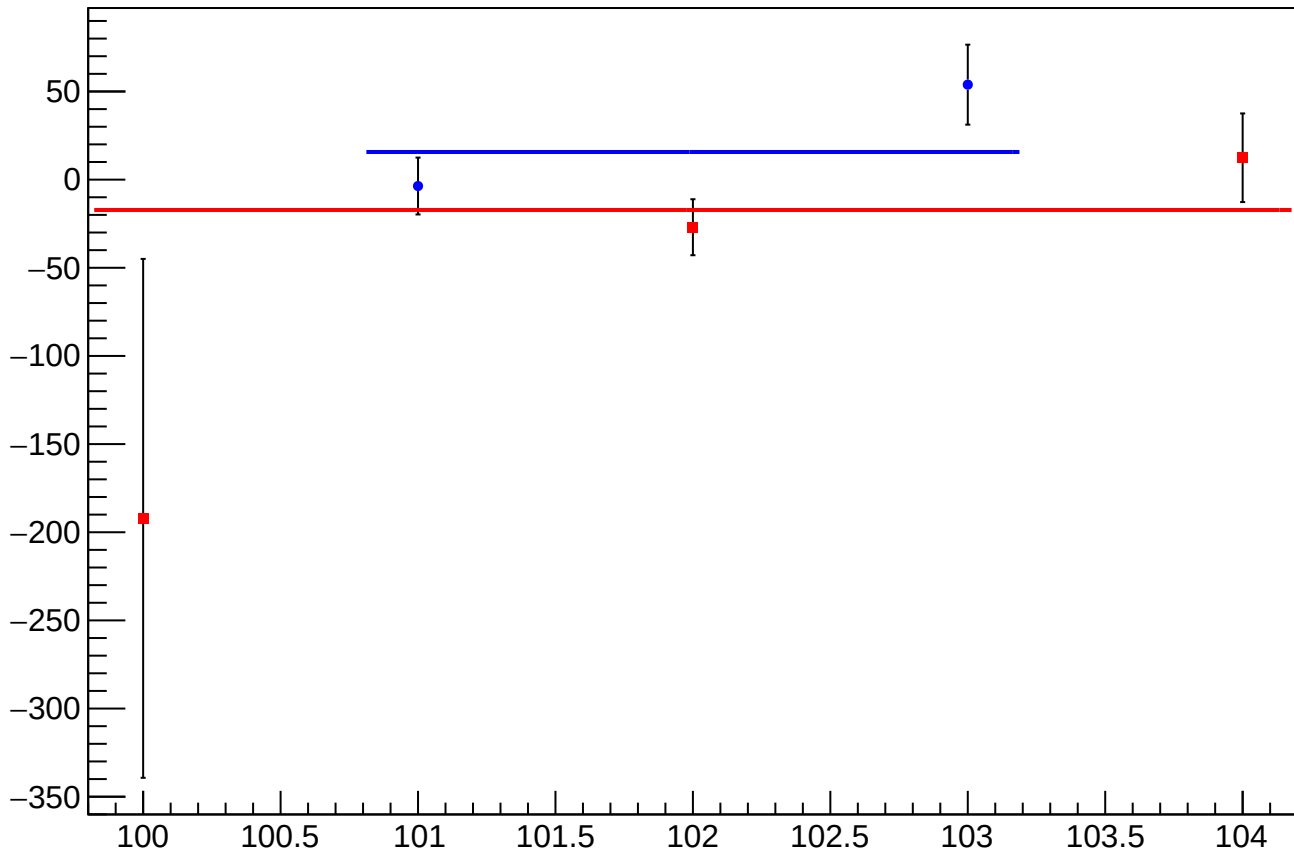
Right: 249.171 $\pm$ 0.114 χ^2 /NDF: 75544.9/4

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: 249.171 $\pm$ 0.114 χ^2 /NDF: 75544.9/4

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: -17.213+/-13.372 χ^2 /NDF: 3.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

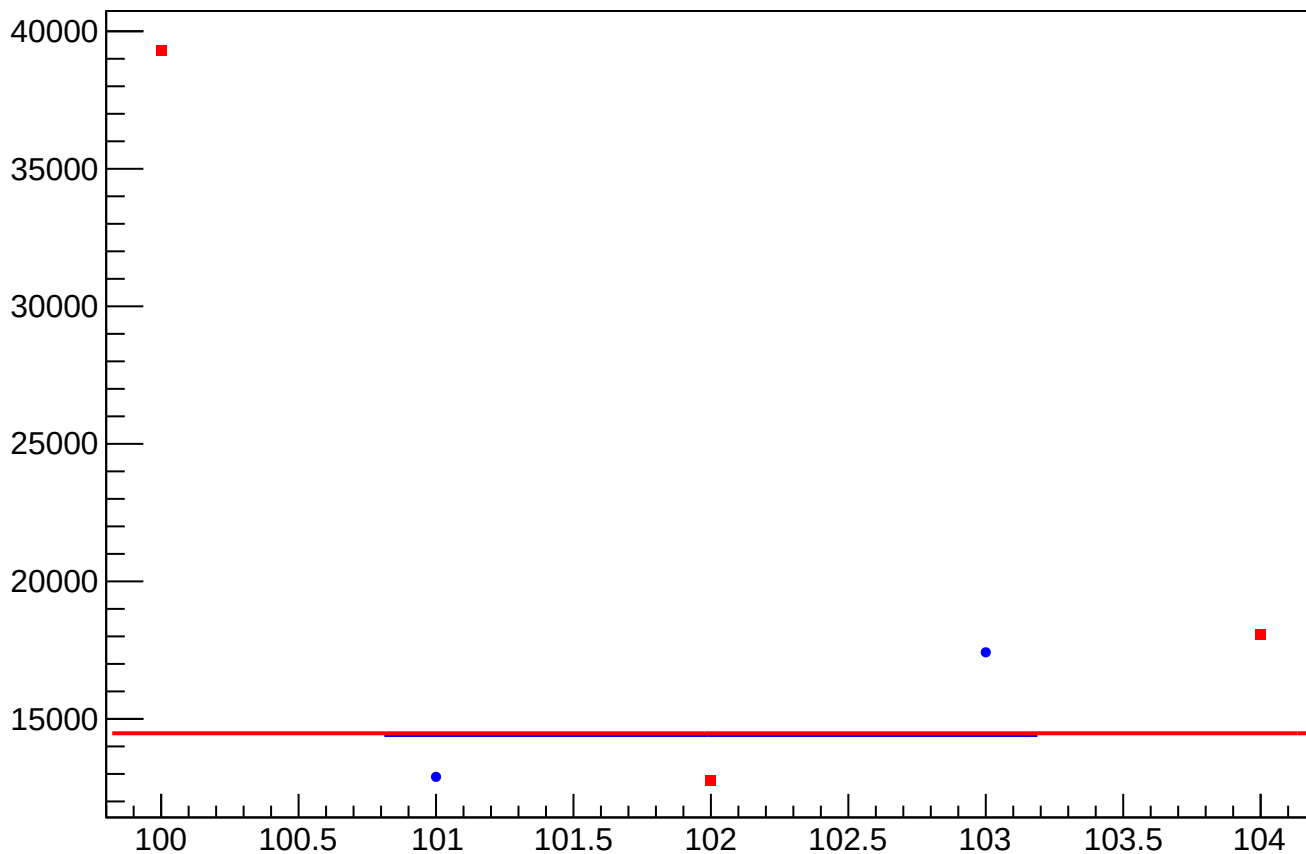
Right: -0.483+/-9.374 χ^2 /NDF: 10.5/4

In: 15.683+/-13.144 χ^2 /NDF:4.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.483+/-9.374 χ^2 /NDF: 10.5/4

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: 14478.135+/-9.455 χ^2/NDF : 120772.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

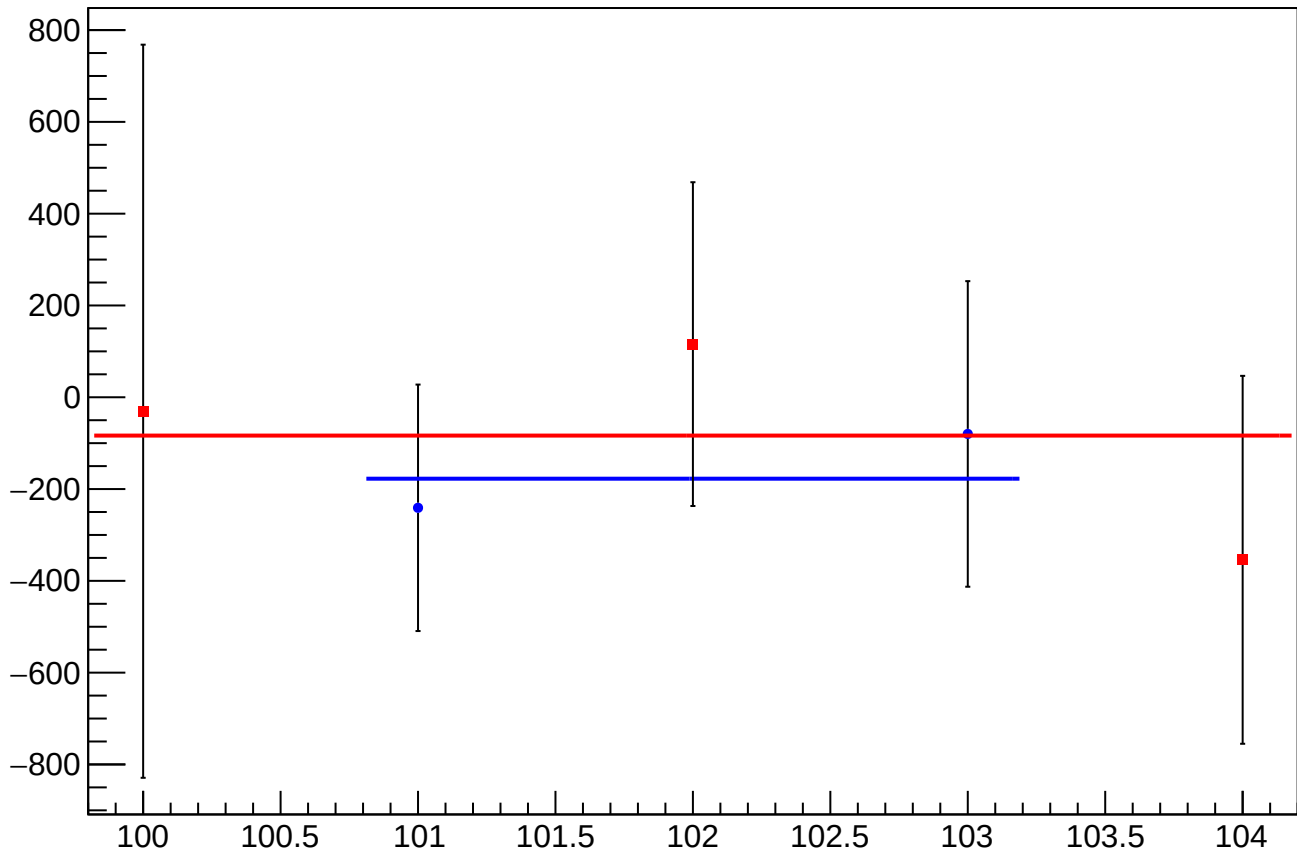
Right: 14445.523+/-6.628 χ^2/NDF : 173749.3/4

In: 14414.012+/-9.294 χ^2/NDF : 52953.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14445.523+/-6.628 χ^2/NDF : 173749.3/4

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: -83.482+/-251.339 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

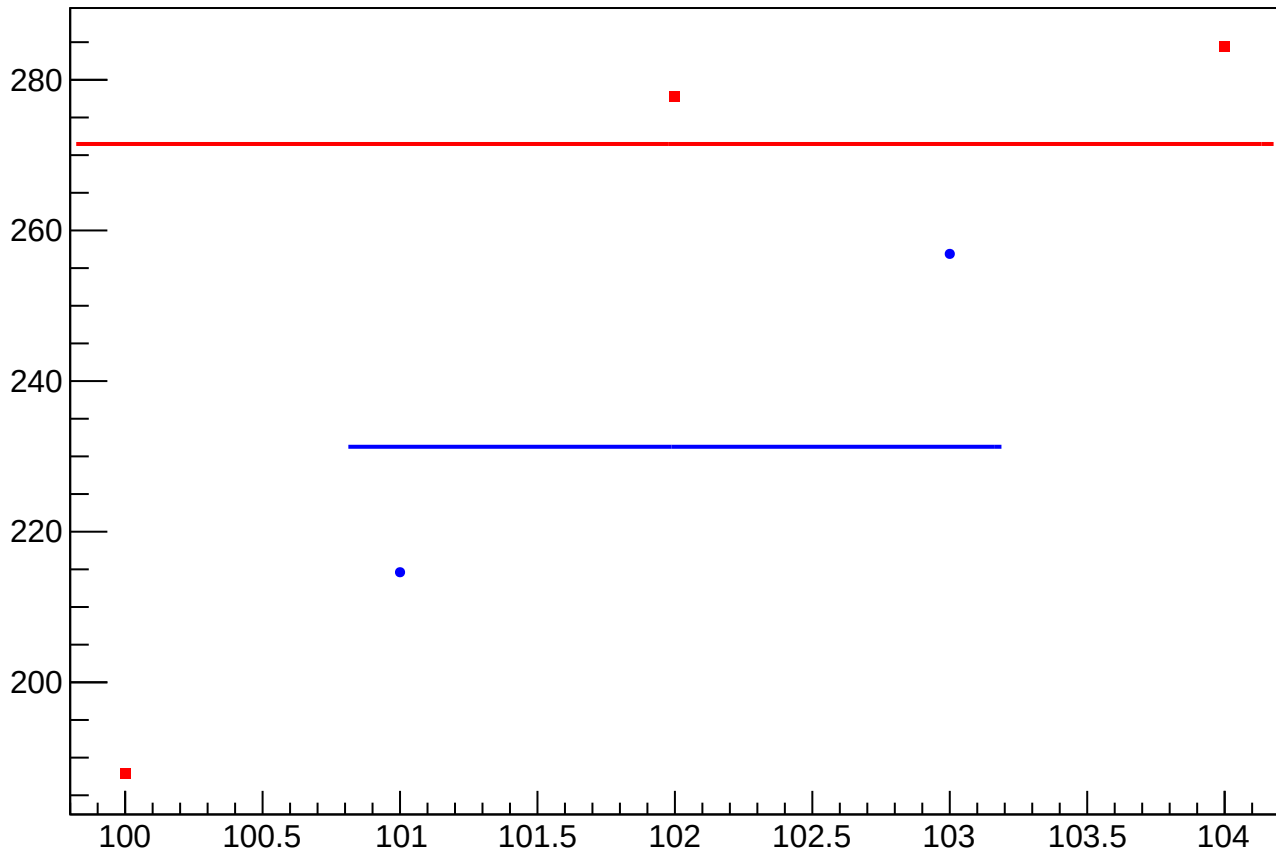
Right: -139.025+/-160.695 χ^2/NDF : 1.0/4

In: -177.428+/-208.991 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.025+/-160.695 χ^2/NDF : 1.0/4

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 231.278 $\pm$ 0.148 χ^2 /NDF: 19537.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 271.482 $\pm$ 0.178 χ^2 /NDF: 24624.7/2

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

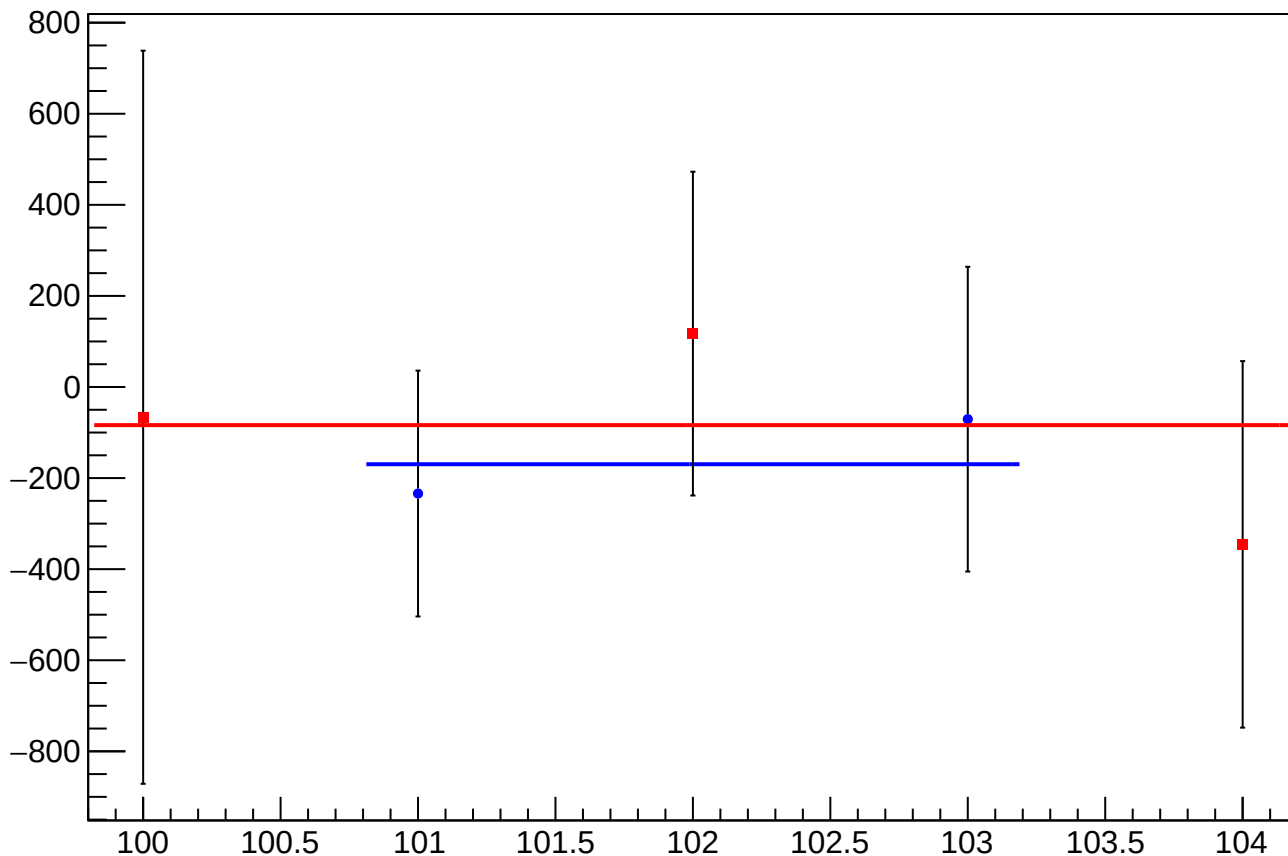
Right: 247.712 $\pm$ 0.114 χ^2 /NDF: 74418.5/4

In: 231.278 $\pm$ 0.148 χ^2 /NDF:19537.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.712 $\pm$ 0.114 χ^2 /NDF: 74418.5/4

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: -83.749+/-252.924 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

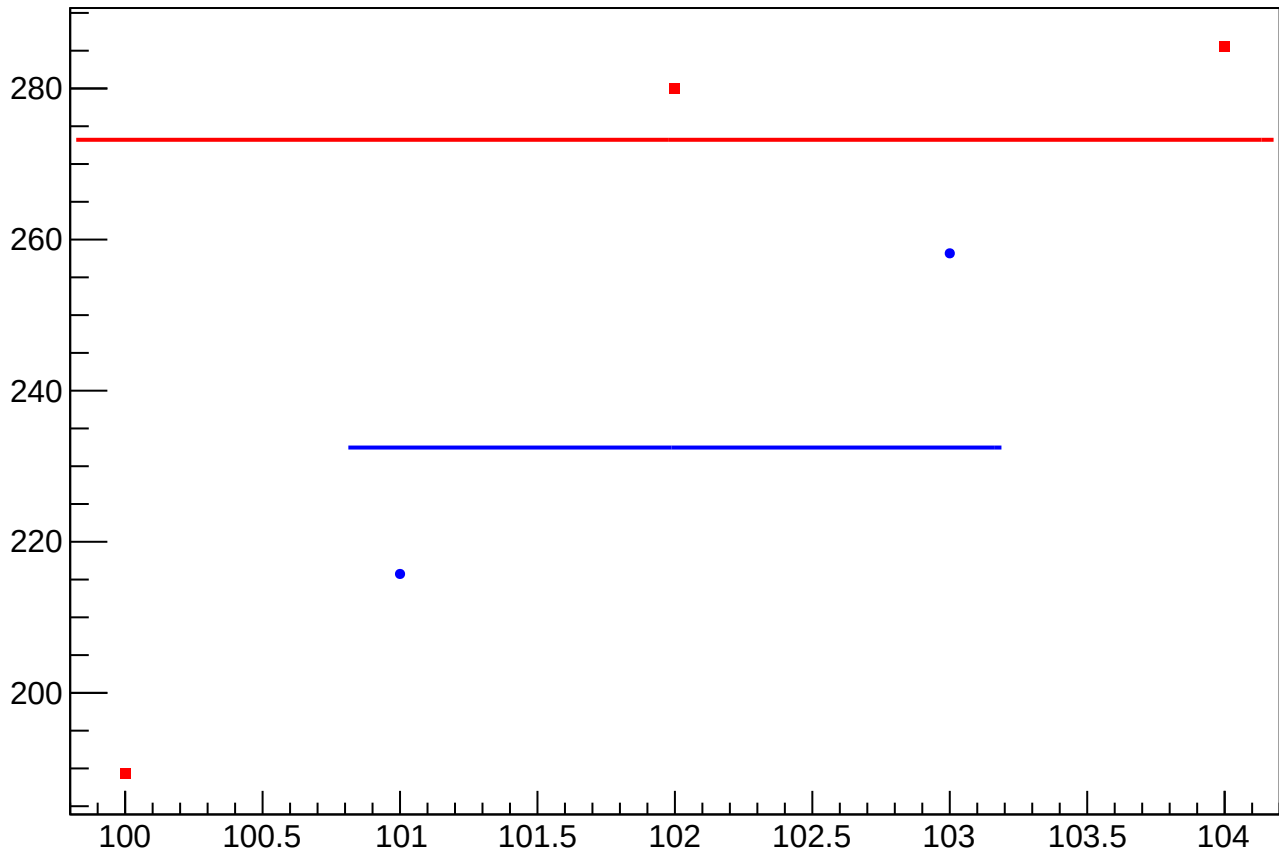
Right: -134.532+/-161.609 χ^2/NDF : 1.0/4

In: -169.570+/-210.089 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.532+/-161.609 χ^2/NDF : 1.0/4

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: 273.207+/-0.179 χ^2/NDF : 24310.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

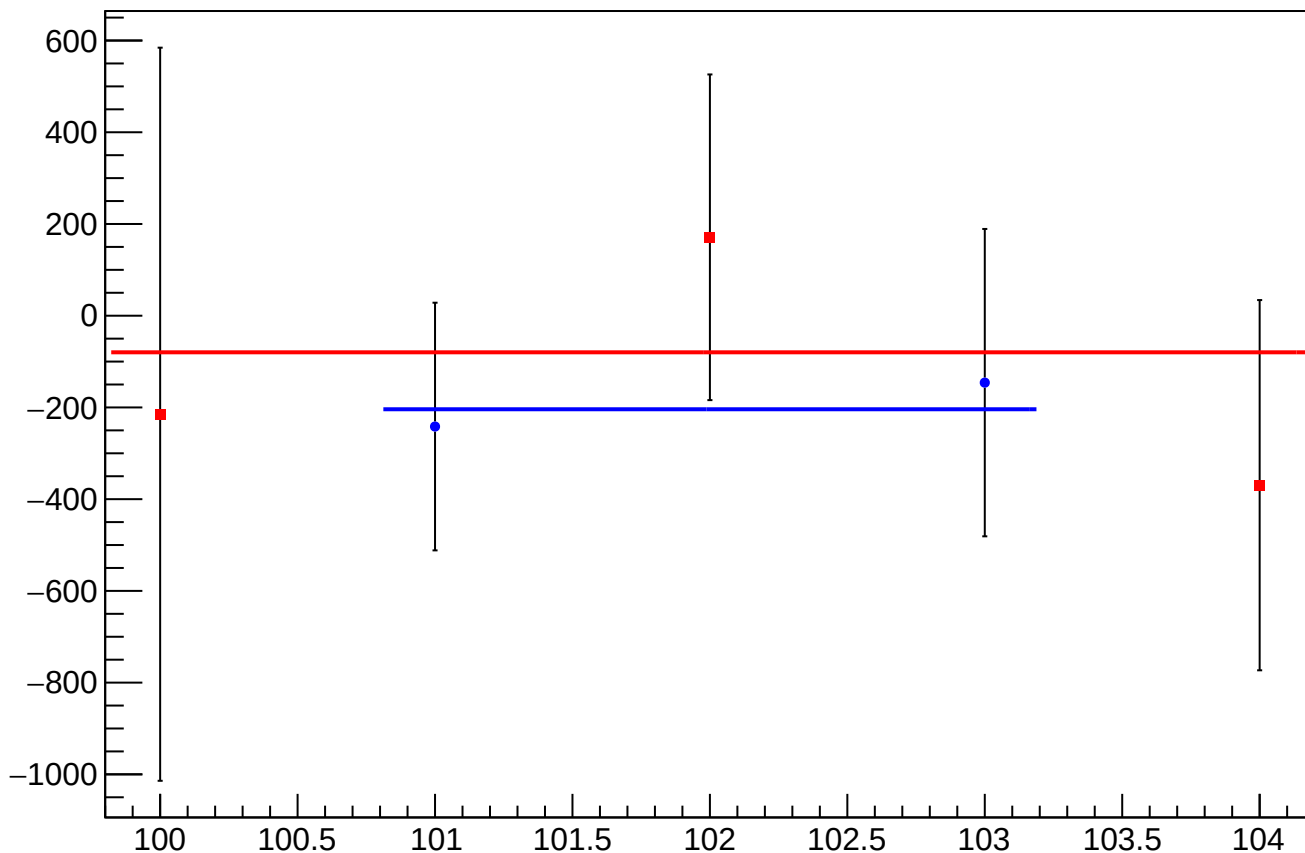
Right: 249.104+/-0.114 χ^2/NDF : 74496.2/4

In: 232.473+/-0.149 χ^2/NDF : 19489.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.104+/-0.114 χ^2/NDF : 74496.2/4

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: -79.801 $\pm$ 252.887 χ^2 /NDF: 1.0/2

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

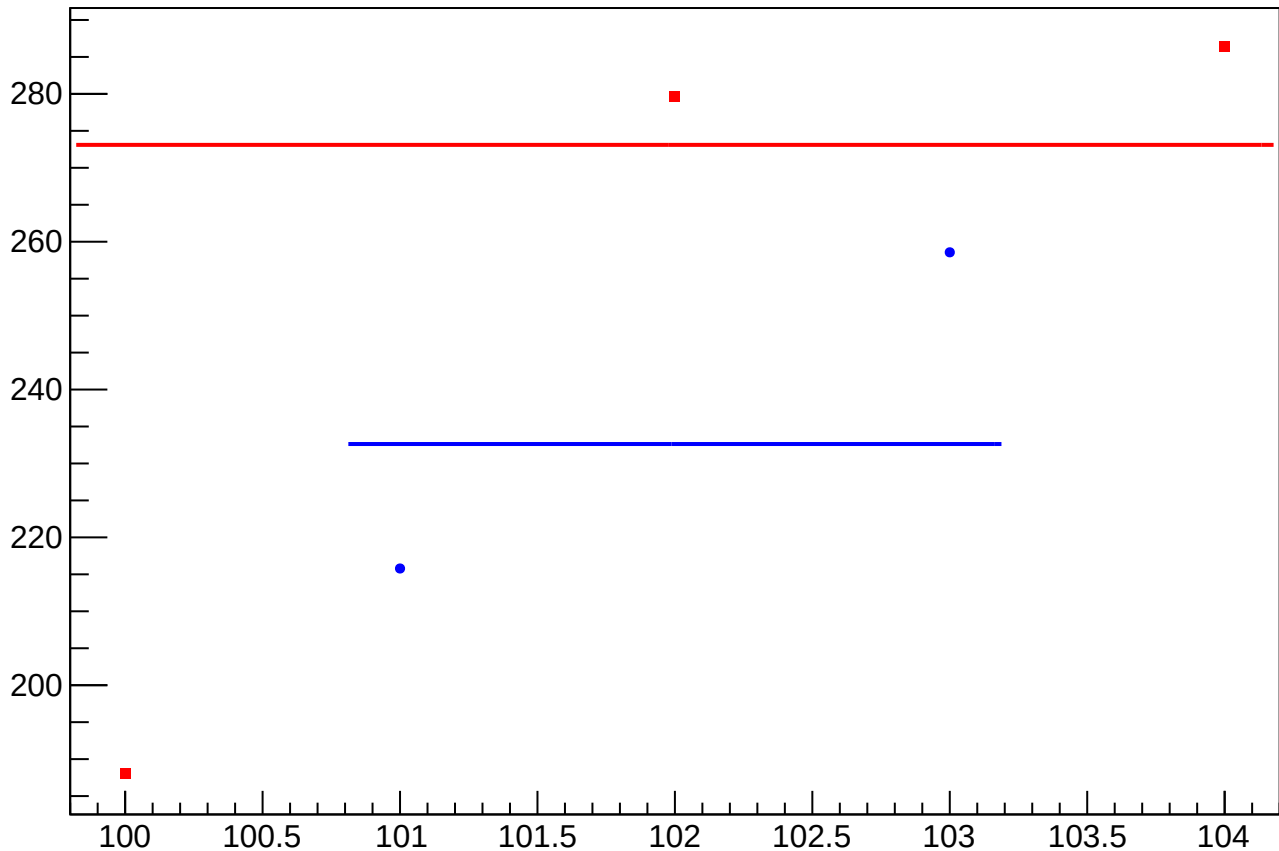
Right: -153.227 $\pm$ 161.669 χ^2 /NDF: 1.2/4

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: -153.227 $\pm$ 161.669 χ^2 /NDF: 1.2/4

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 232.630+/-0.149 χ^2/NDF : 19763.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 273.103+/-0.179 χ^2/NDF : 25491.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

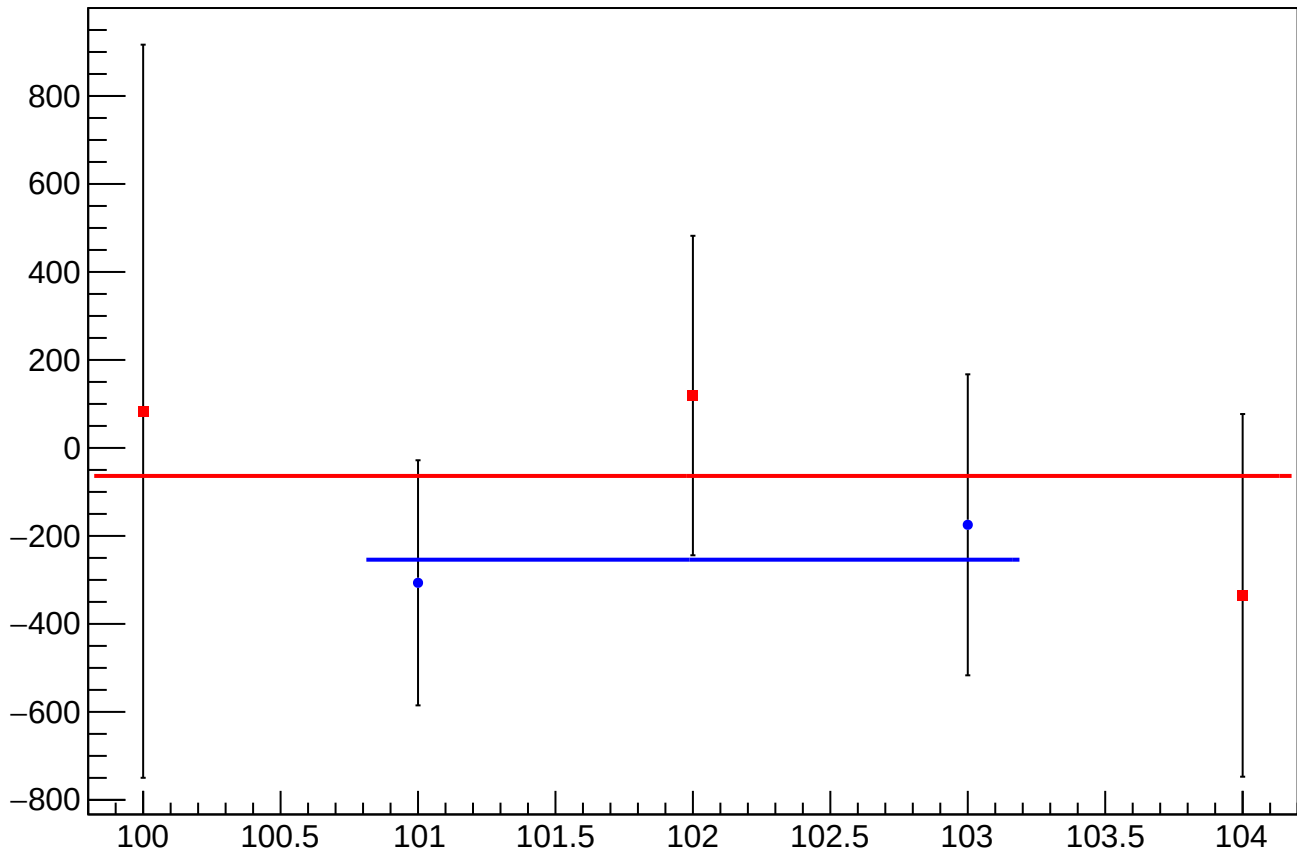
Right: 249.171+/-0.114 χ^2/NDF : 75544.9/4

In: 232.630+/-0.149 χ^2/NDF : 19763.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.171+/-0.114 χ^2/NDF : 75544.9/4

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -254.032 $\pm$ 216.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -63.653 $\pm$ 258.962 χ^2 /NDF: 0.7/2

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

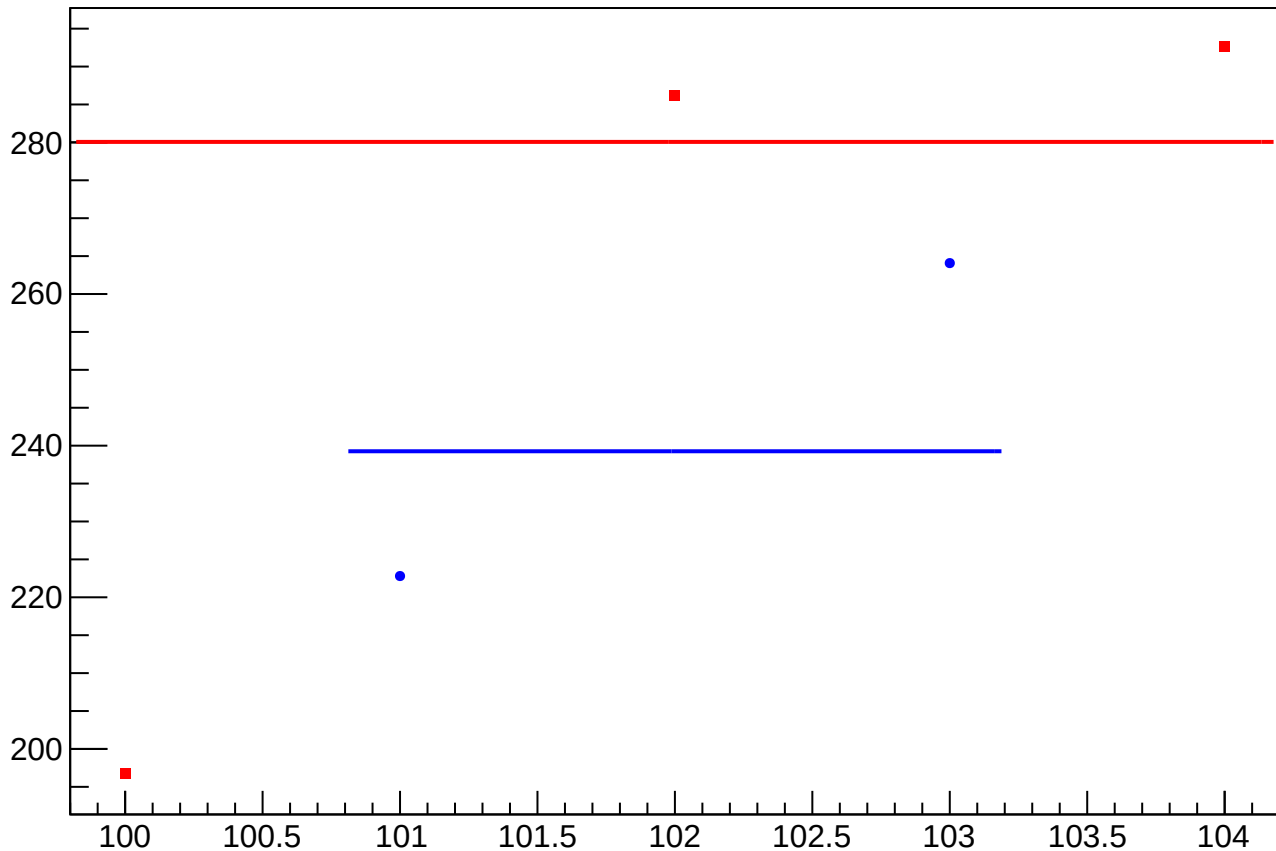
Right: -175.917 $\pm$ 165.880 χ^2 /NDF: 1.1/4

In: -254.032 $\pm$ 216.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -175.917 $\pm$ 165.880 χ^2 /NDF: 1.1/4

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 239.261 $\pm$ 0.153 χ^2 /NDF: 17505.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 280.063 $\pm$ 0.183 χ^2 /NDF: 22392.4/2

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

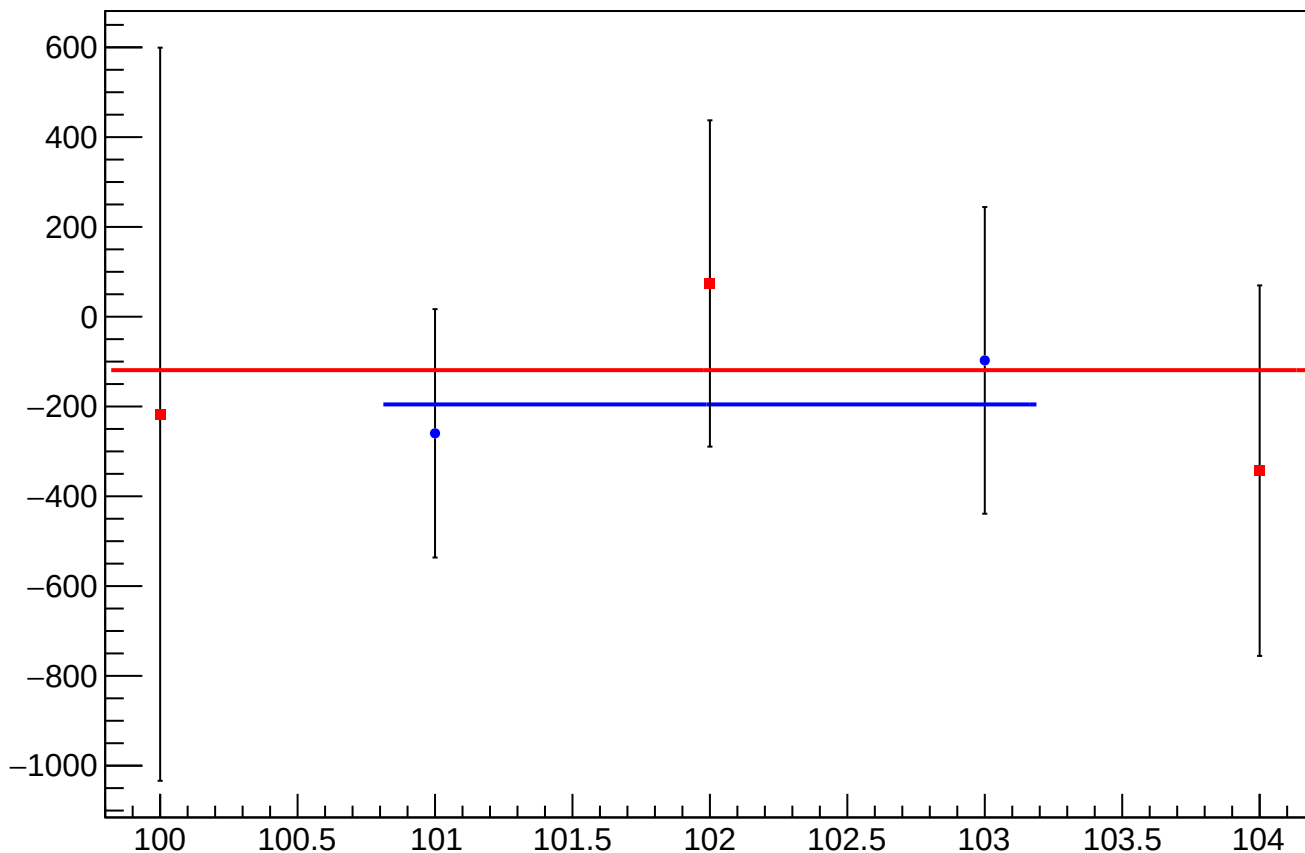
Right: 256.003 $\pm$ 0.117 χ^2 /NDF: 69176.5/4

In: 239.261 $\pm$ 0.153 χ^2 /NDF:17505.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 256.003 $\pm$ 0.117 χ^2 /NDF: 69176.5/4

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: -119.051+/-258.676 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

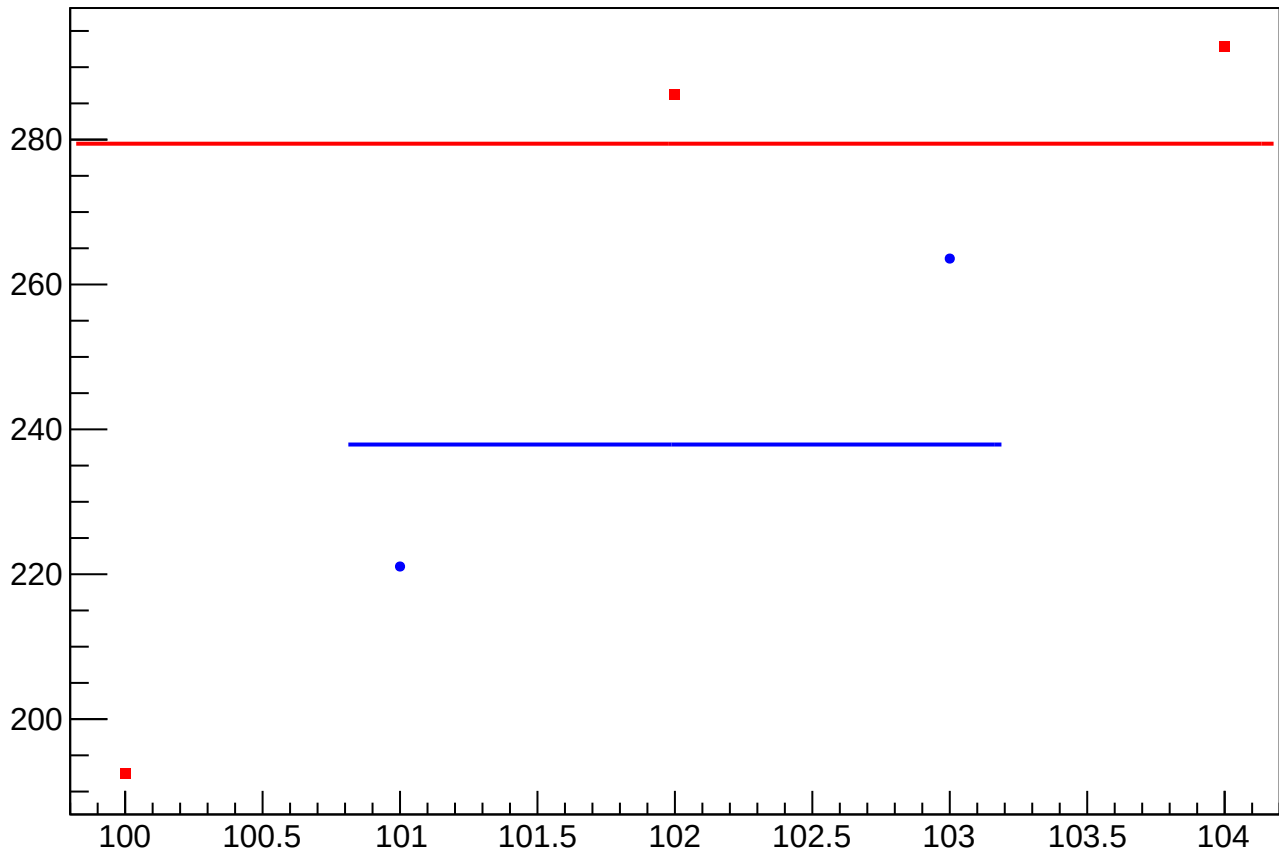
Right: -164.208+/-165.324 χ^2/NDF : 0.8/4

In: -195.390+/-214.955 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.208+/-165.324 χ^2/NDF : 0.8/4

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: 279.436+/-0.183 χ^2/NDF : 25499.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

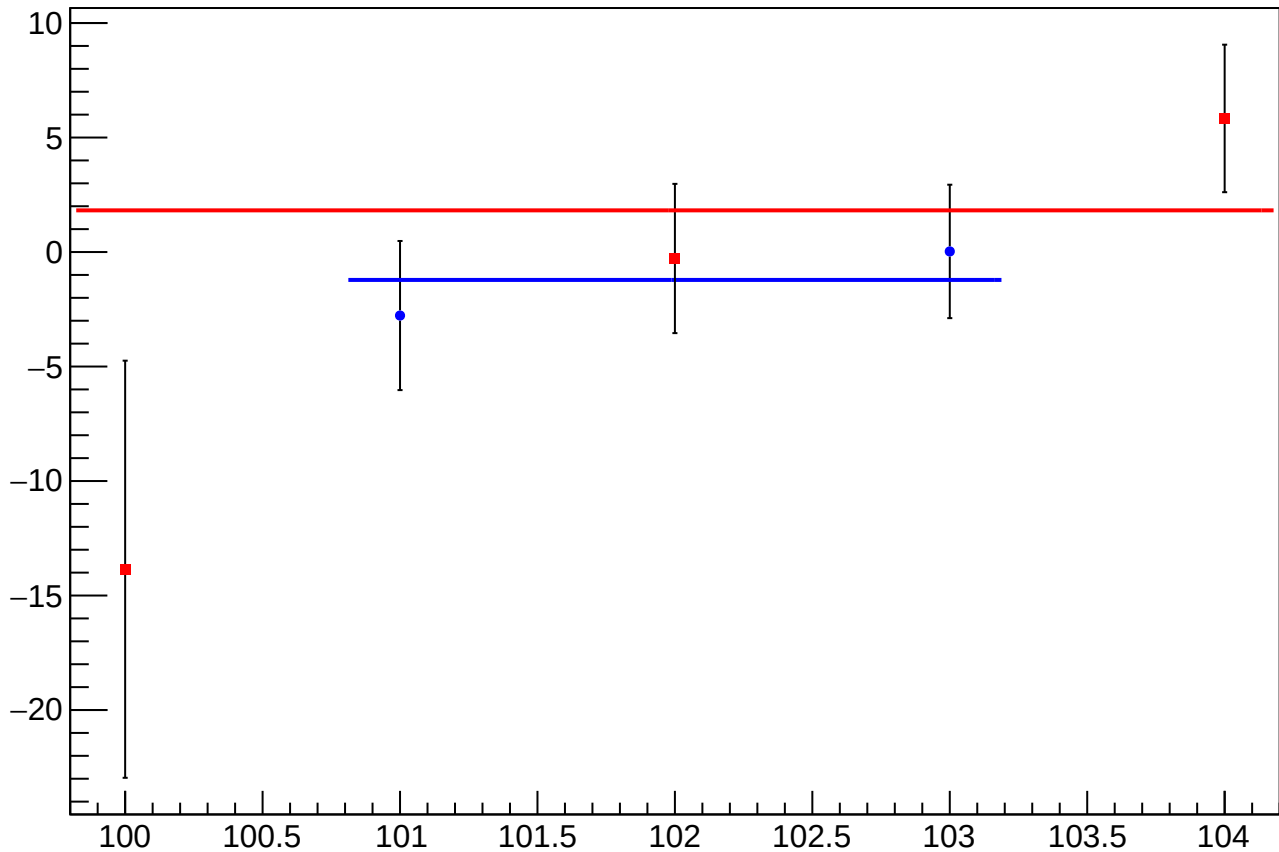
Right: 254.871+/-0.117 χ^2/NDF : 74702.3/4

In: 237.908+/-0.152 χ^2/NDF : 18710.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.871+/-0.117 χ^2/NDF : 74702.3/4

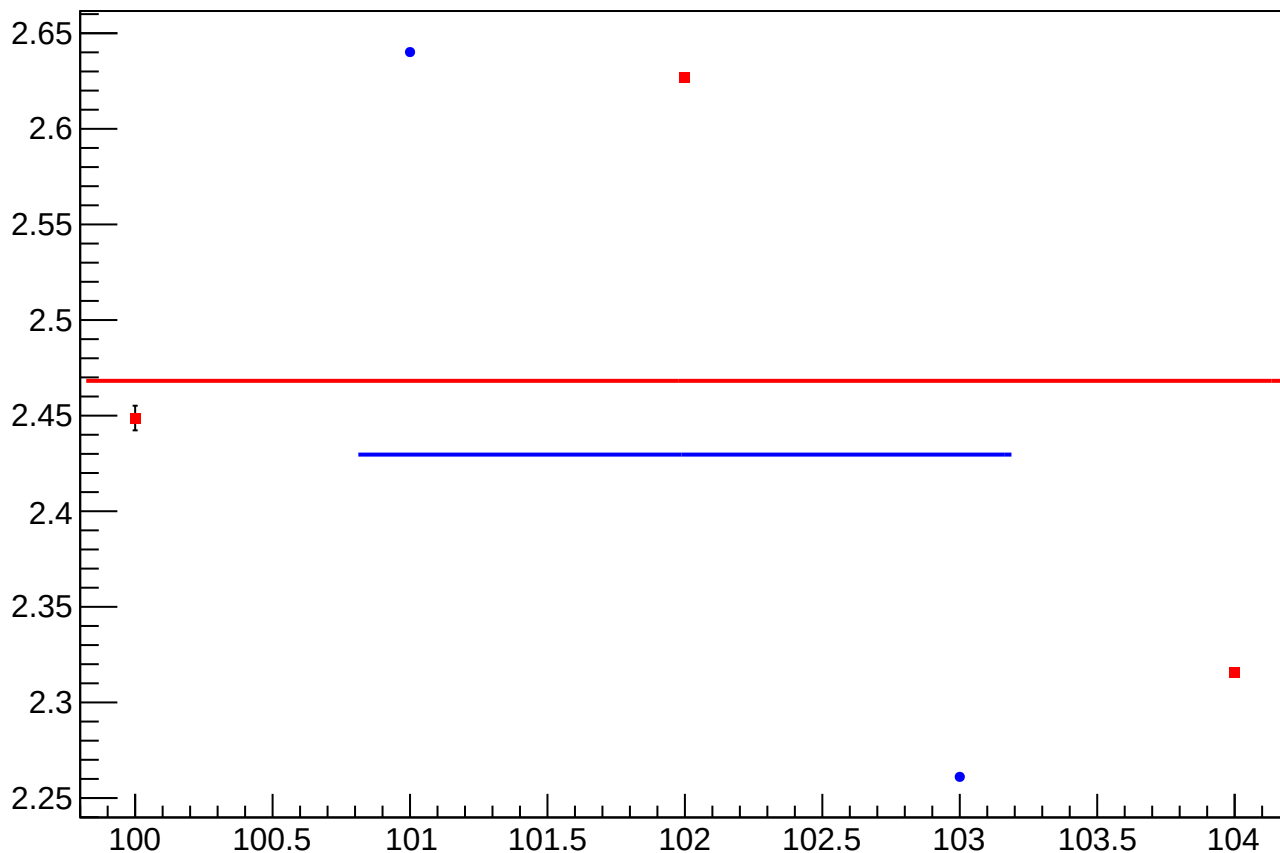
asym_cav4bQ_mean vs Slug, Sign Corrected



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: 1.820 $\pm$ 2.222 χ^2 /NDF: 4.9/2
 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: 0.266 $\pm$ 1.553 χ^2 /NDF: 6.3/4
 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: 0.266 $\pm$ 1.553 χ^2 /NDF: 6.3/4

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.430 $\pm$ 0.002 χ^2 /NDF: 15057.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.468 $\pm$ 0.002 χ^2 /NDF: 9217.8/2

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

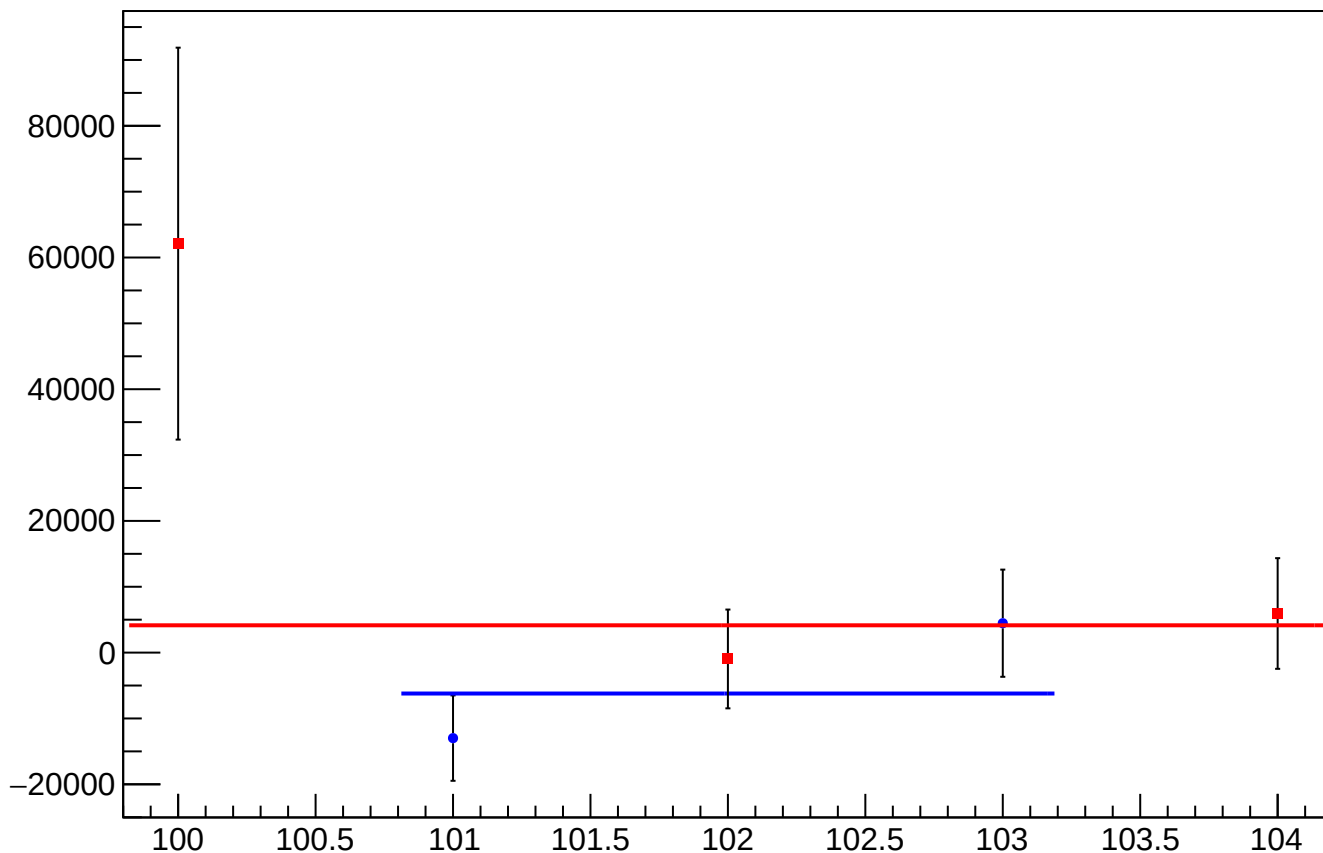
Right: 2.448 $\pm$ 0.001 χ^2 /NDF: 24584.3/4

In: 2.430 $\pm$ 0.002 χ^2 /NDF: 15057.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.448 $\pm$ 0.001 χ^2 /NDF: 24584.3/4

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -6213.684±/-5069.925 χ^2 /NDF: 2.8/1

Left Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4146.745±/-5499.839 χ^2 /NDF: 4.3/2

Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000±/-0.000 χ^2 /NDF: 0.0/0

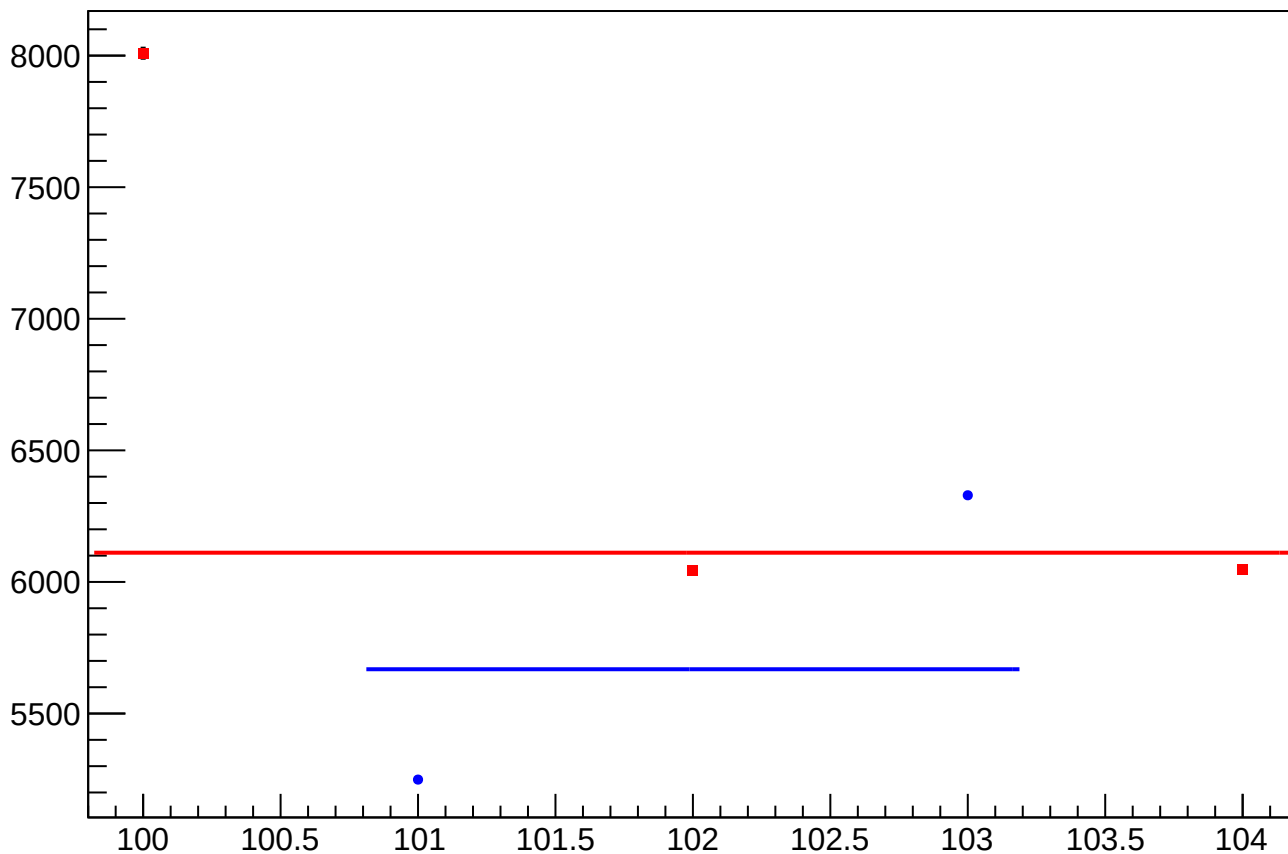
Right: -1454.172±/-3727.711 χ^2 /NDF: 9.0/4

In: -6213.684±/-5069.925 χ^2 /NDF: 2.8/1

Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -1454.172±/-3727.711 χ^2 /NDF: 9.0/4

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: 6111.133+/-3.889 χ^2/NDF : 8422.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

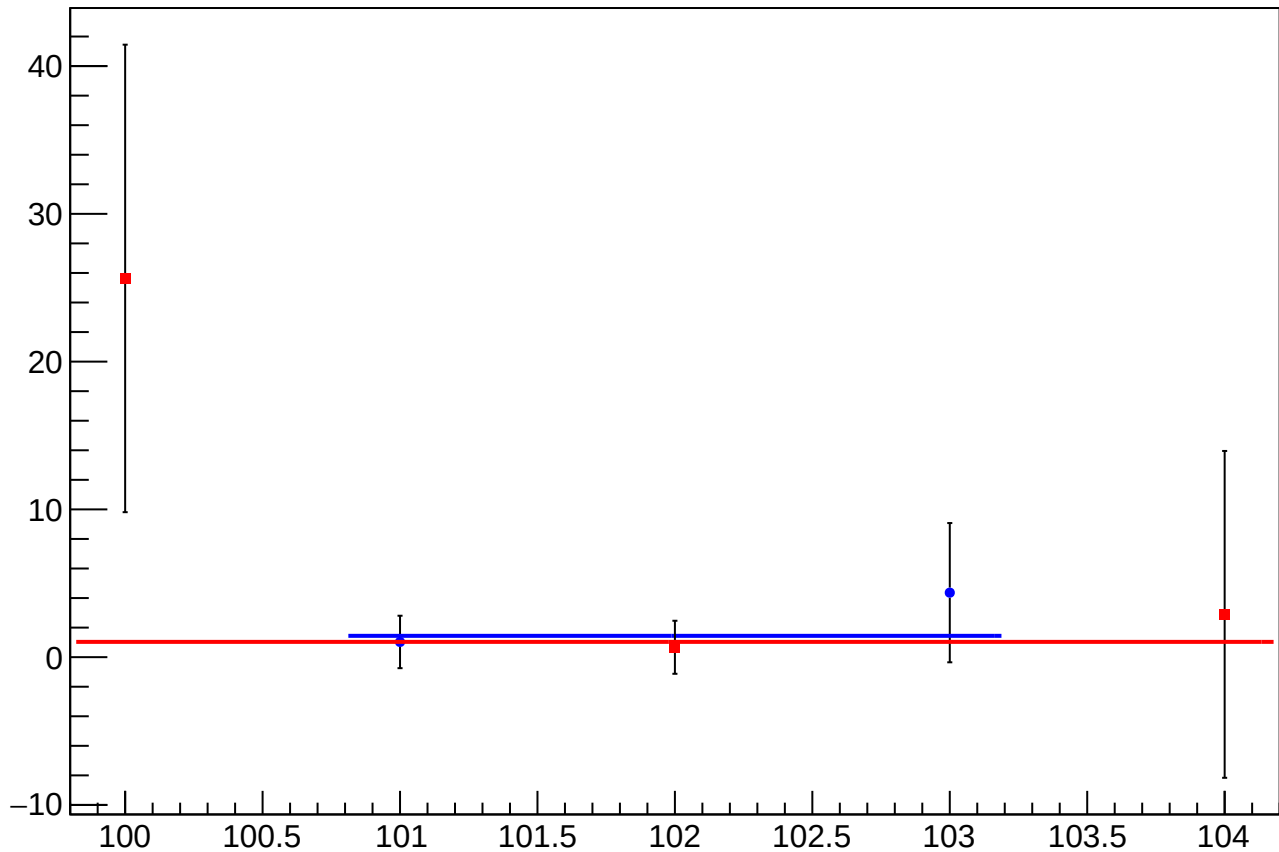
Right: 5871.721+/-2.636 χ^2/NDF : 37001.0/4

In: 5668.275+/-3.585 χ^2/NDF : 21567.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5871.721+/-2.636 χ^2/NDF : 37001.0/4

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: 1.035 $\pm$ 1.760 χ^2 /NDF: 2.5/2

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

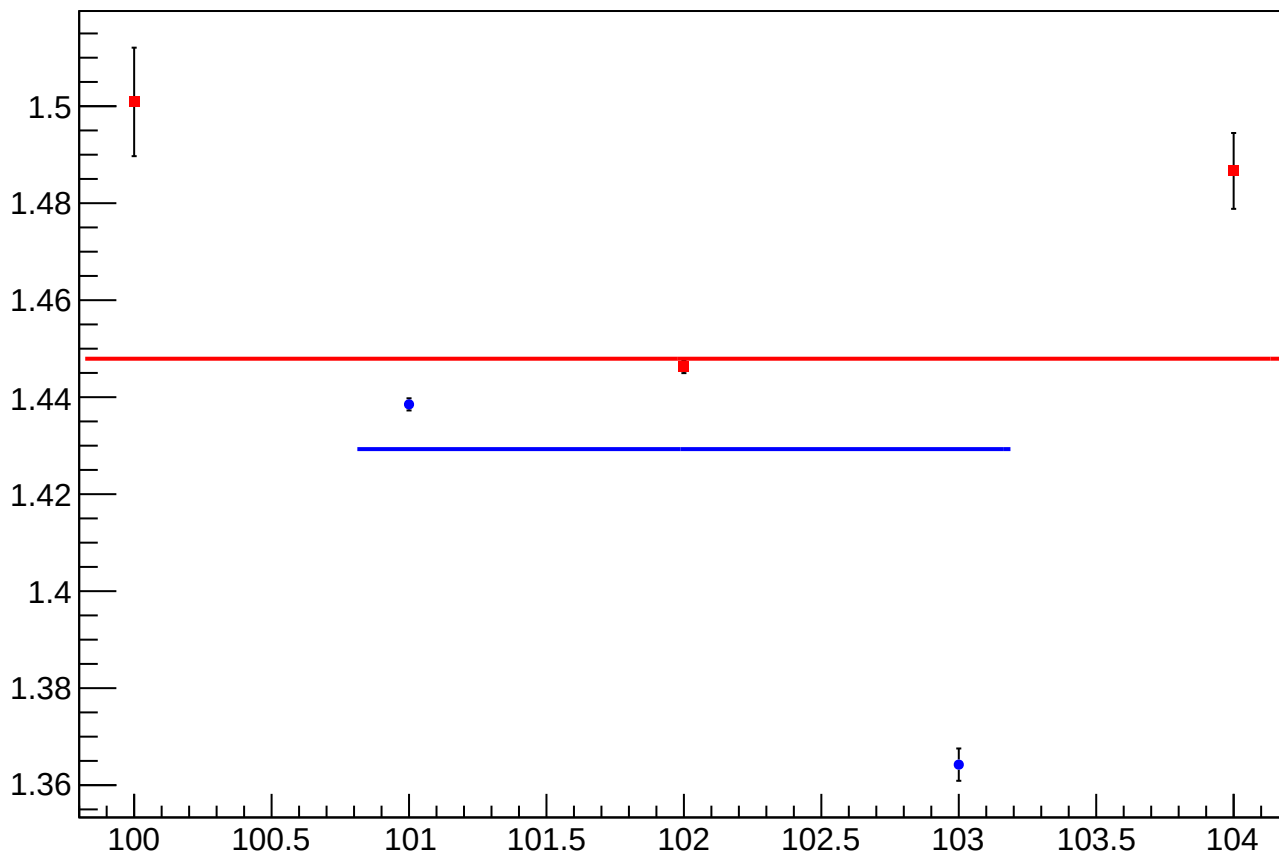
Right: 1.251 $\pm$ 1.208 χ^2 /NDF: 3.0/4

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: 1.251 $\pm$ 1.208 χ^2 /NDF: 3.0/4

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: 1.448+/-0.001 χ^2/NDF : 48.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

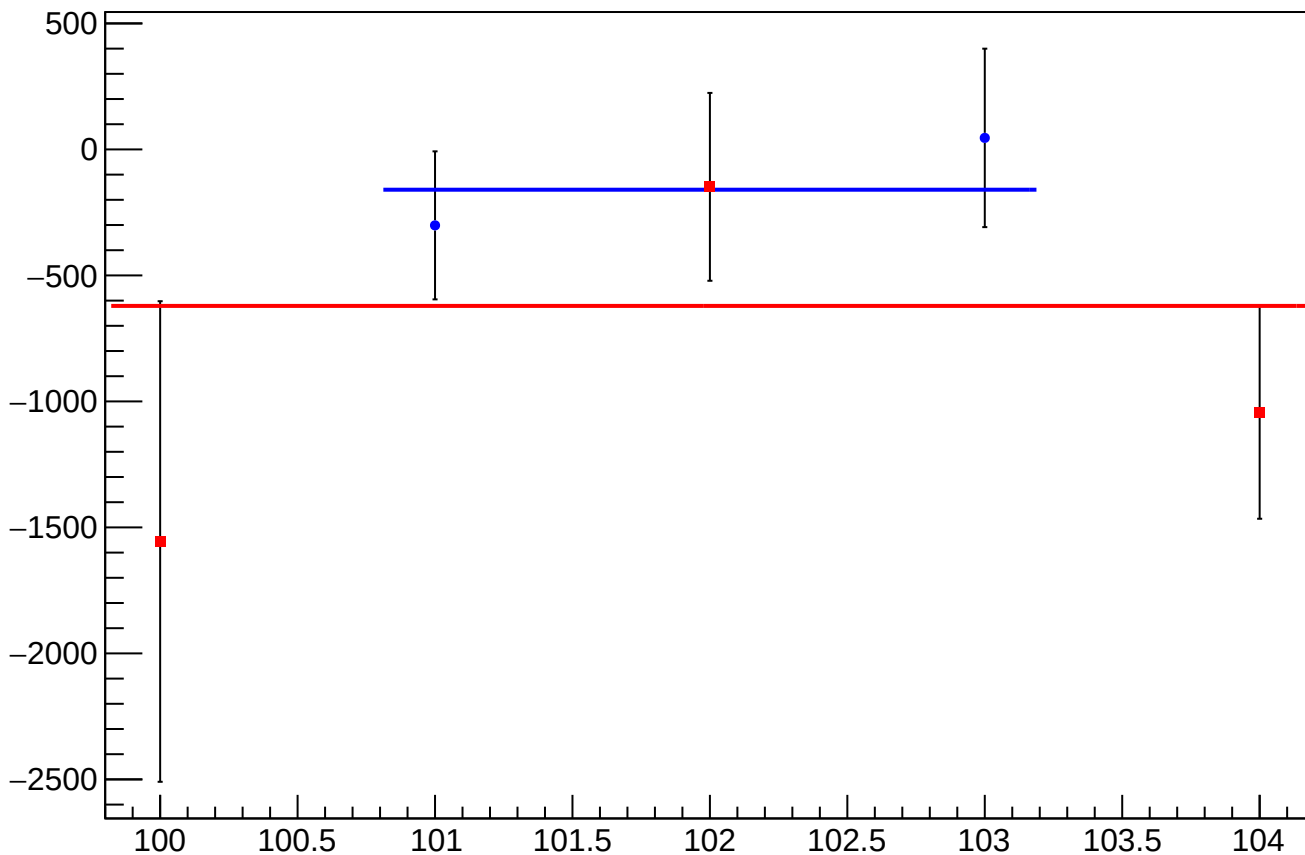
Right: 1.438+/-0.001 χ^2/NDF : 602.7/4

In: 1.429+/-0.001 χ^2/NDF : 435.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.438+/-0.001 χ^2/NDF : 602.7/4

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: -621.017 $\pm$ 268.129 χ^2 /NDF: 3.6/2

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

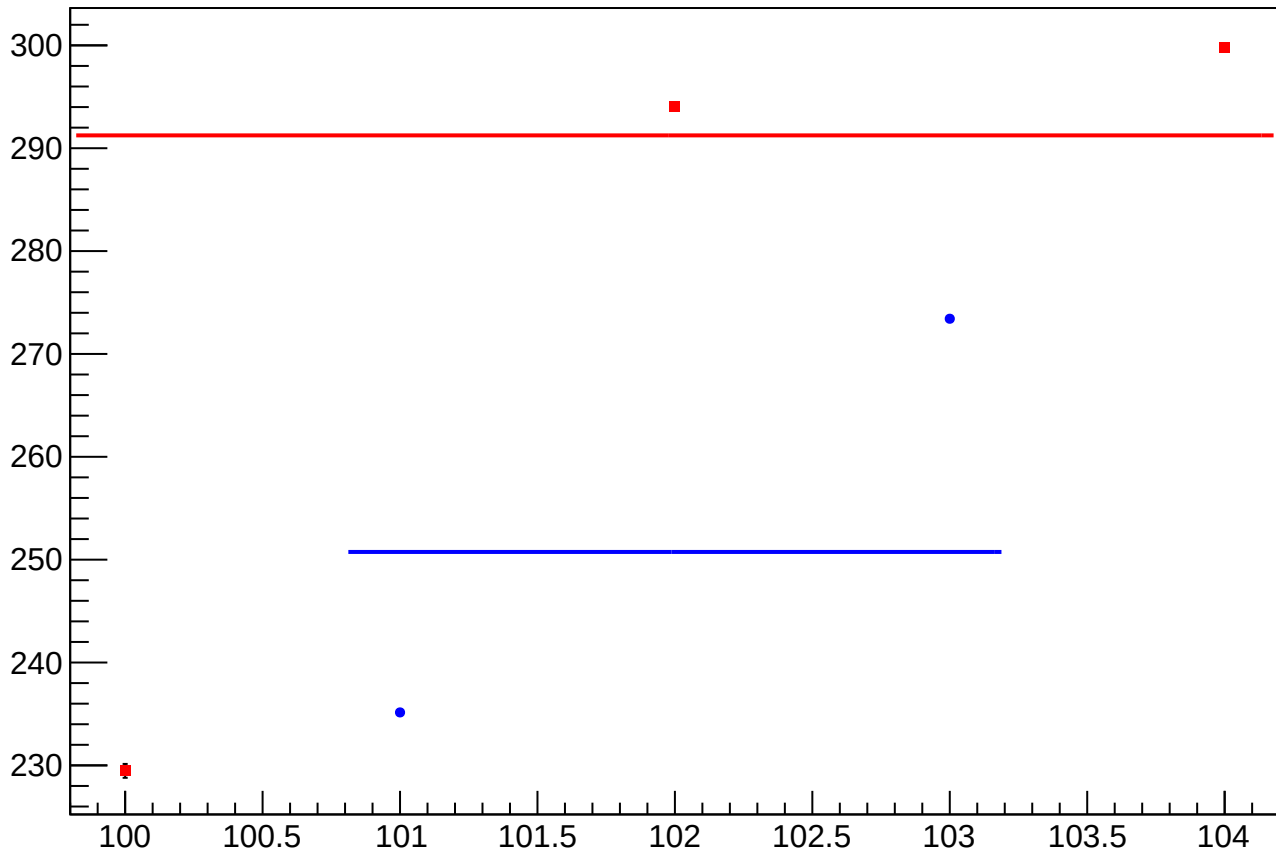
Right: -351.487 $\pm$ 172.833 χ^2 /NDF: 5.9/4

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: -351.487 $\pm$ 172.833 χ^2 /NDF: 5.9/4

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: 291.248+/-0.190 χ^2/NDF : 9322.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

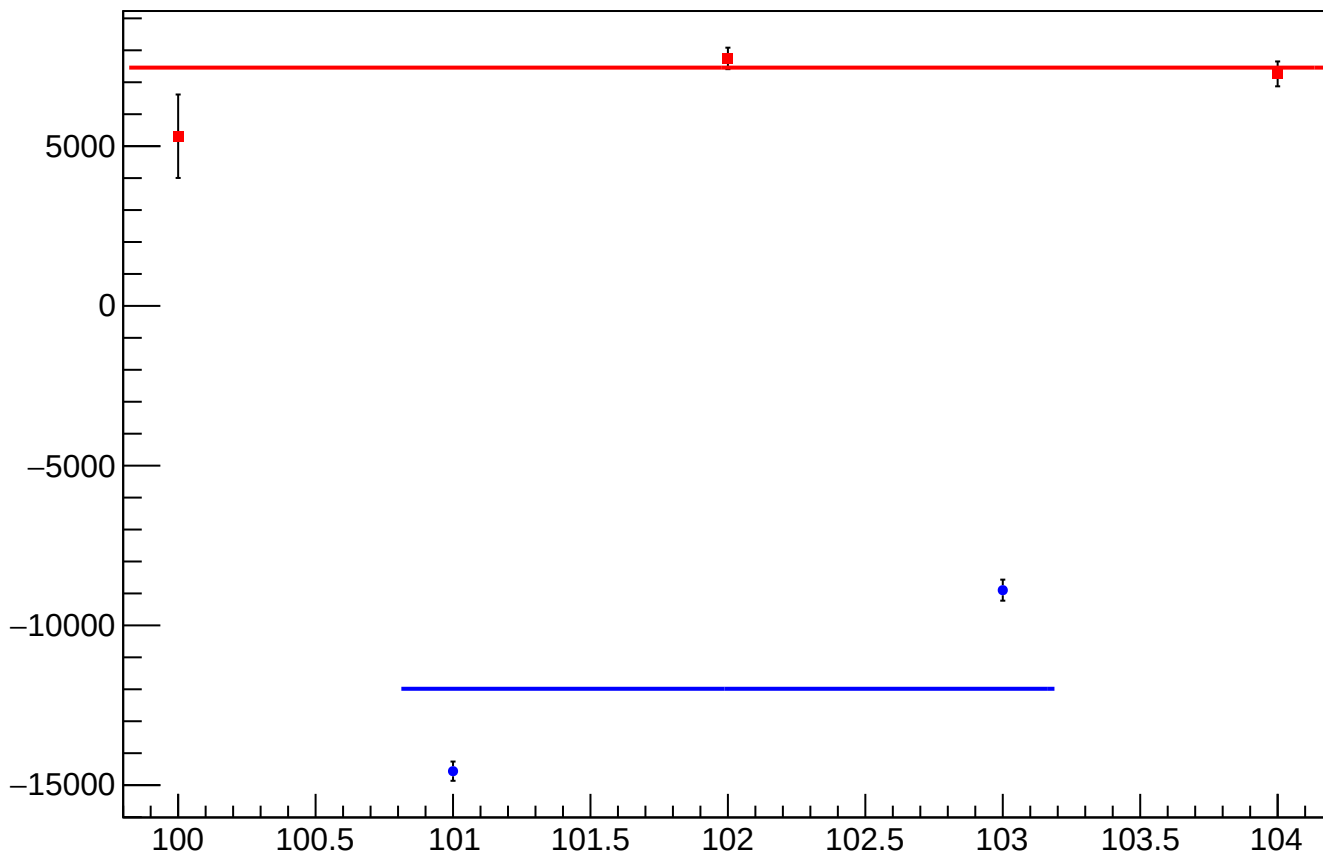
Right: 267.577+/-0.122 χ^2/NDF : 49832.7/4

In: 250.750+/-0.160 χ^2/NDF : 13841.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.577+/-0.122 χ^2/NDF : 49832.7/4

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: 7458.189+/-249.714 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

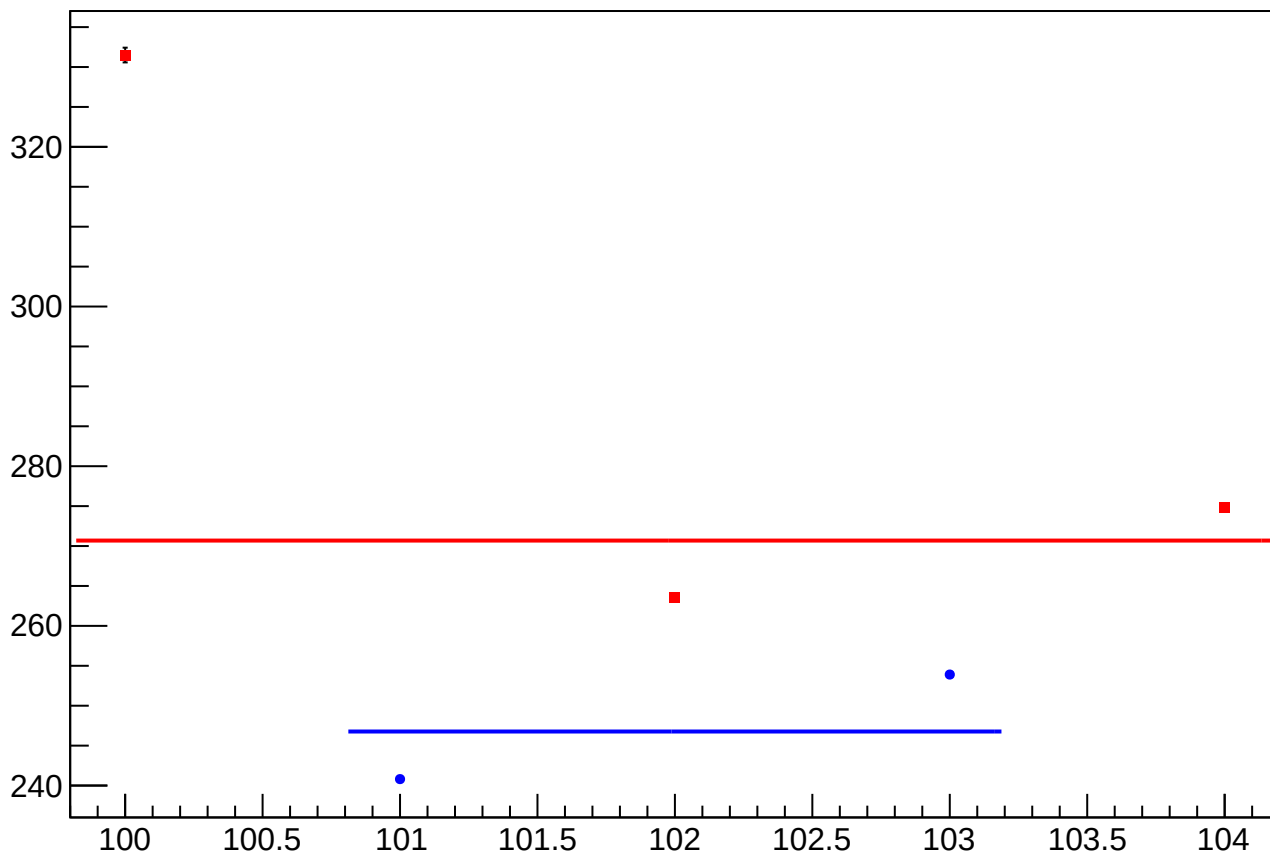
Right: -3389.725+/-166.025 χ^2/NDF : 3547.1/4

In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3389.725+/-166.025 χ^2/NDF : 3547.1/4

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769+/-0.157 χ^2/NDF : 1721.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.685+/-0.177 χ^2/NDF : 5451.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

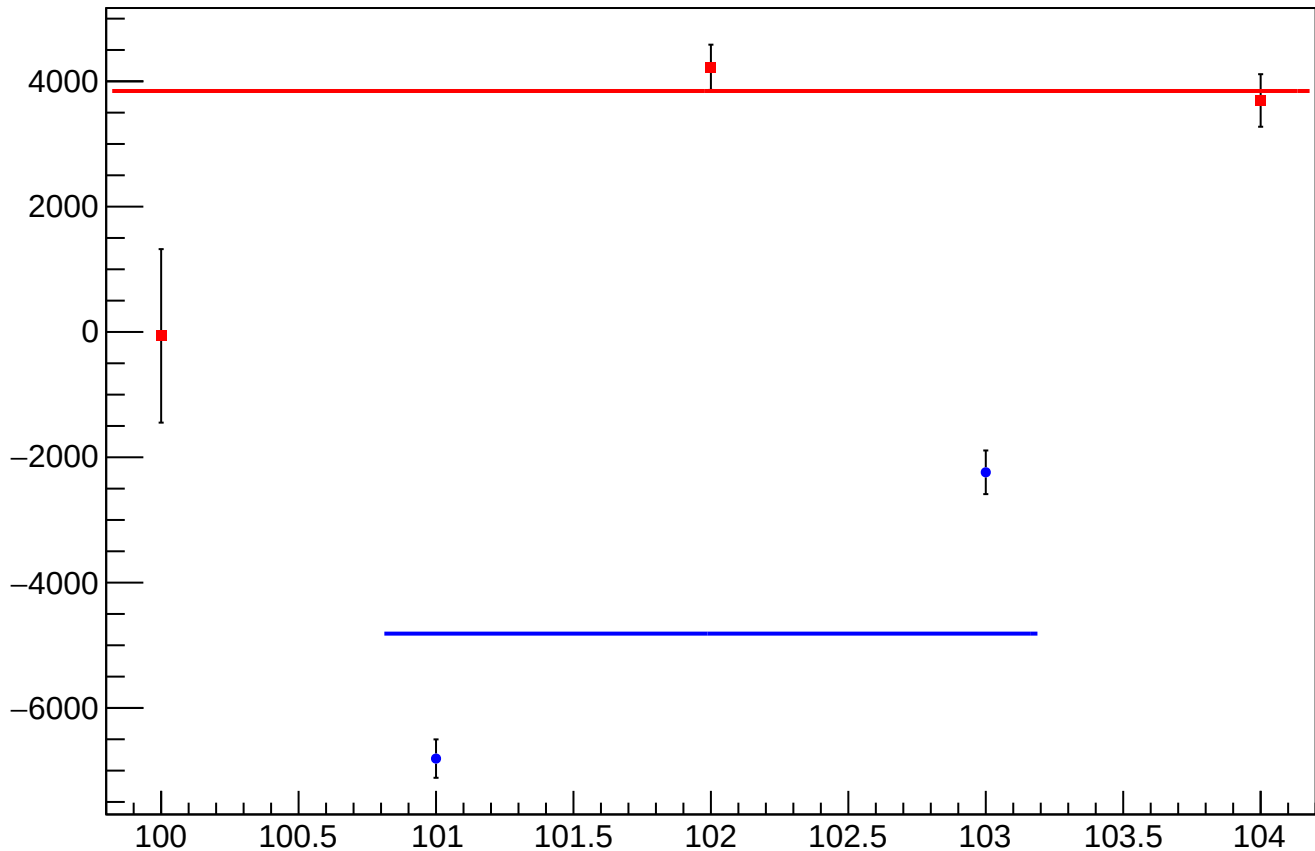
Right: 257.341+/-0.117 χ^2/NDF : 17409.2/4

In: 246.769+/-0.157 χ^2/NDF : 1721.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.341+/-0.117 χ^2/NDF : 17409.2/4

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875 ± 230.103 $\chi^2/\text{NDF}: 97.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3845.394 ± 268.441 $\chi^2/\text{NDF}: 9.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

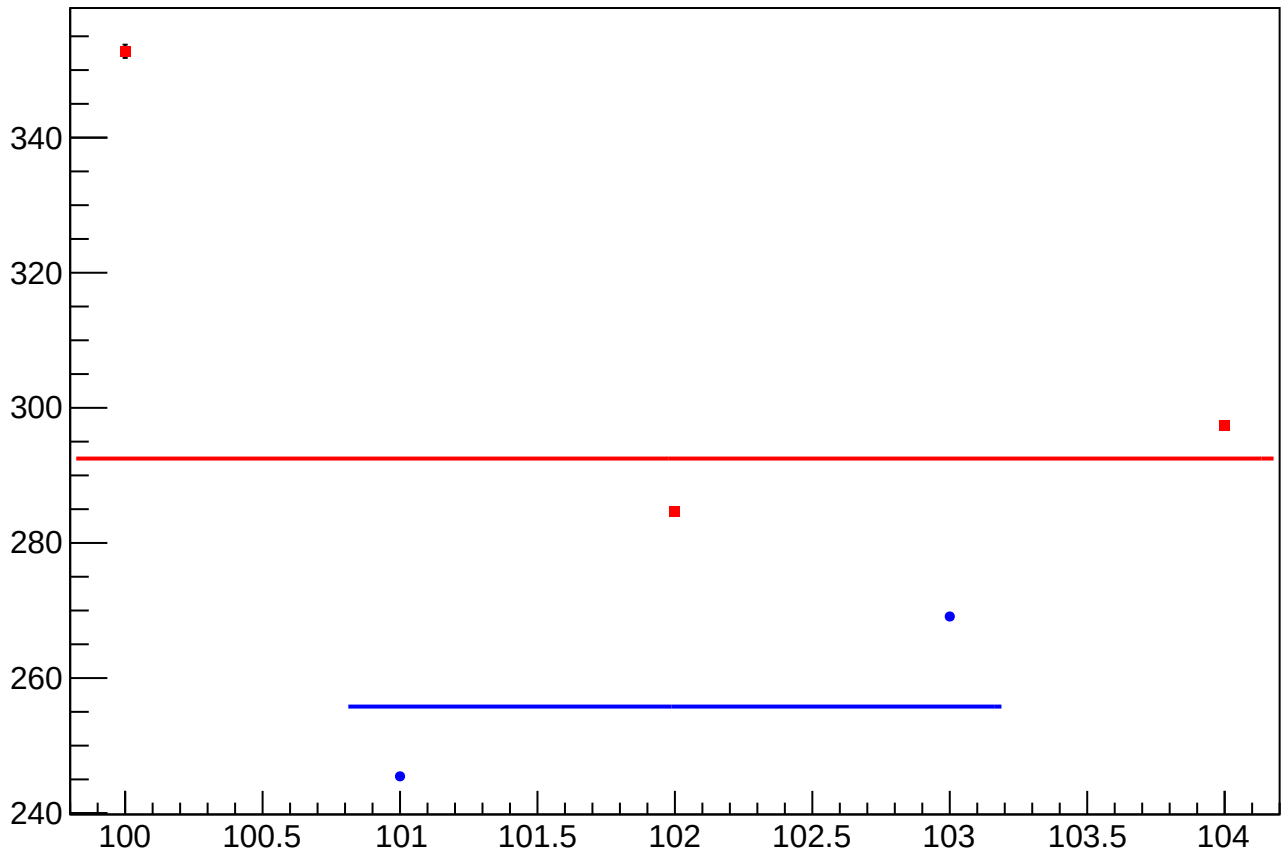
Right: -1146.214 ± 174.704 $\chi^2/\text{NDF}: 706.0/4$

In: -4813.875 ± 230.103 $\chi^2/\text{NDF}: 97.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1146.214 ± 174.704 $\chi^2/\text{NDF}: 706.0/4$

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 255.781 $\pm$ 0.163 χ^2 /NDF: 5200.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 292.496 $\pm$ 0.190 χ^2 /NDF: 4997.6/2

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

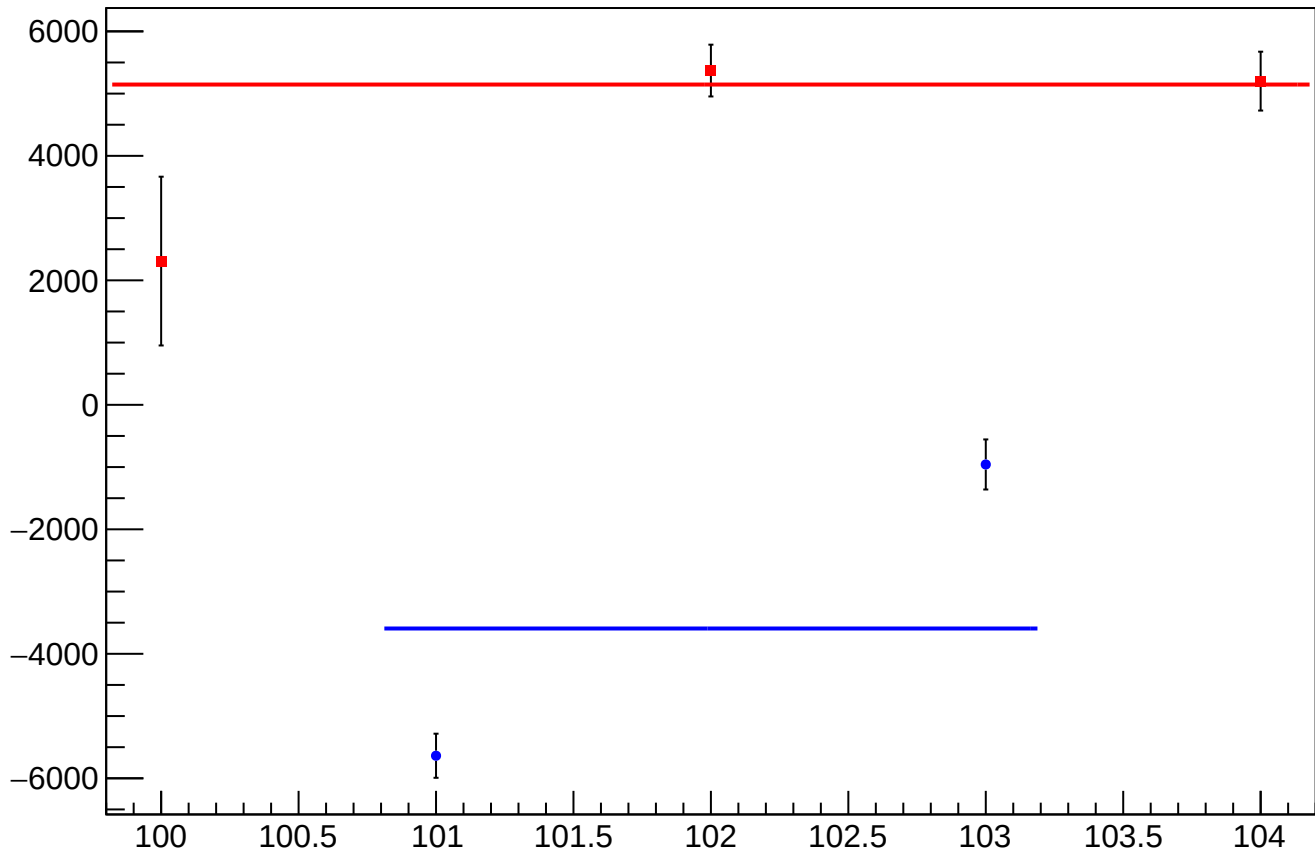
Right: 271.332 $\pm$ 0.124 χ^2 /NDF: 31763.9/4

In: 255.781 $\pm$ 0.163 χ^2 /NDF:5200.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 271.332 $\pm$ 0.124 χ^2 /NDF: 31763.9/4

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: 5145.557+/-304.389 χ^2/NDF : 4.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

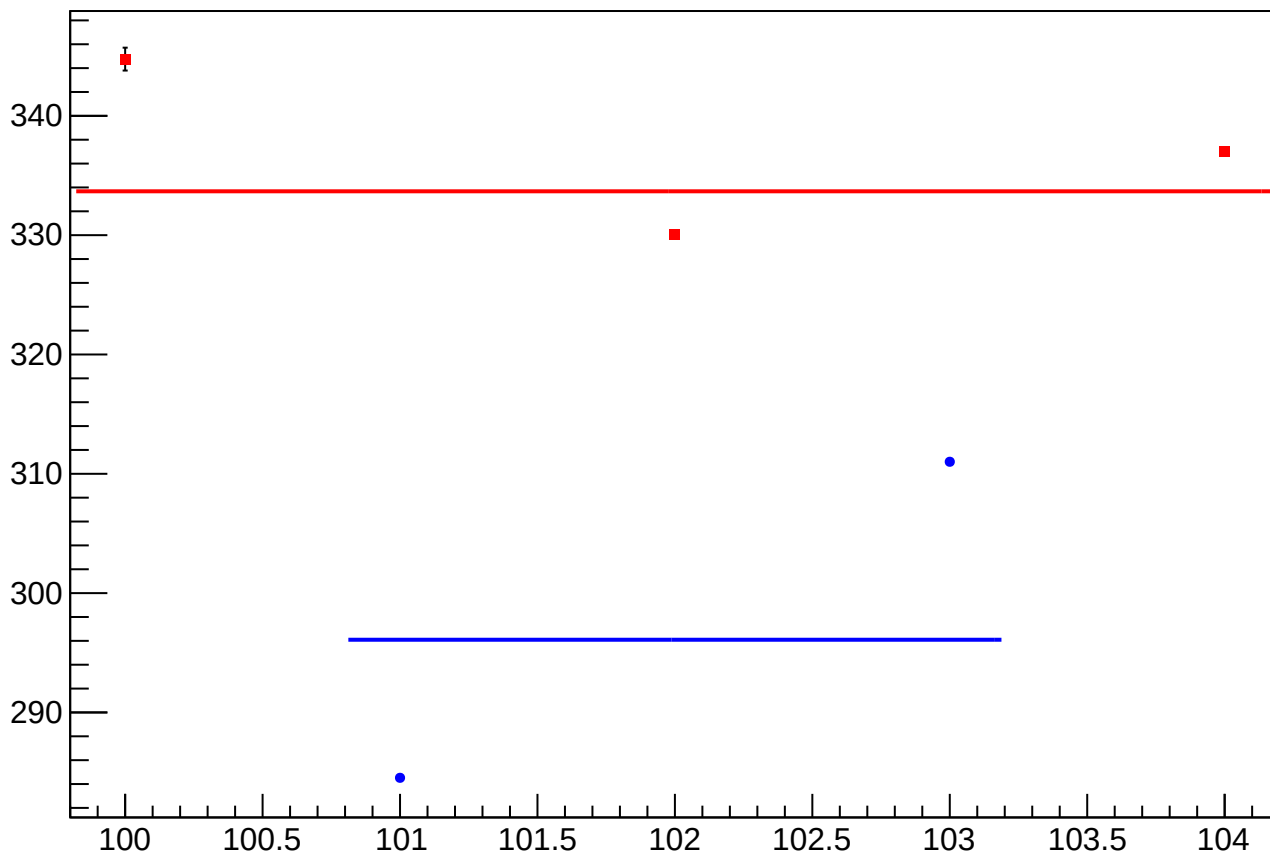
Right: 188.269+/-200.235 χ^2/NDF : 548.5/4

In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.269+/-200.235 χ^2/NDF : 548.5/4

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: 333.676+/-0.215 χ^2/NDF : 386.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

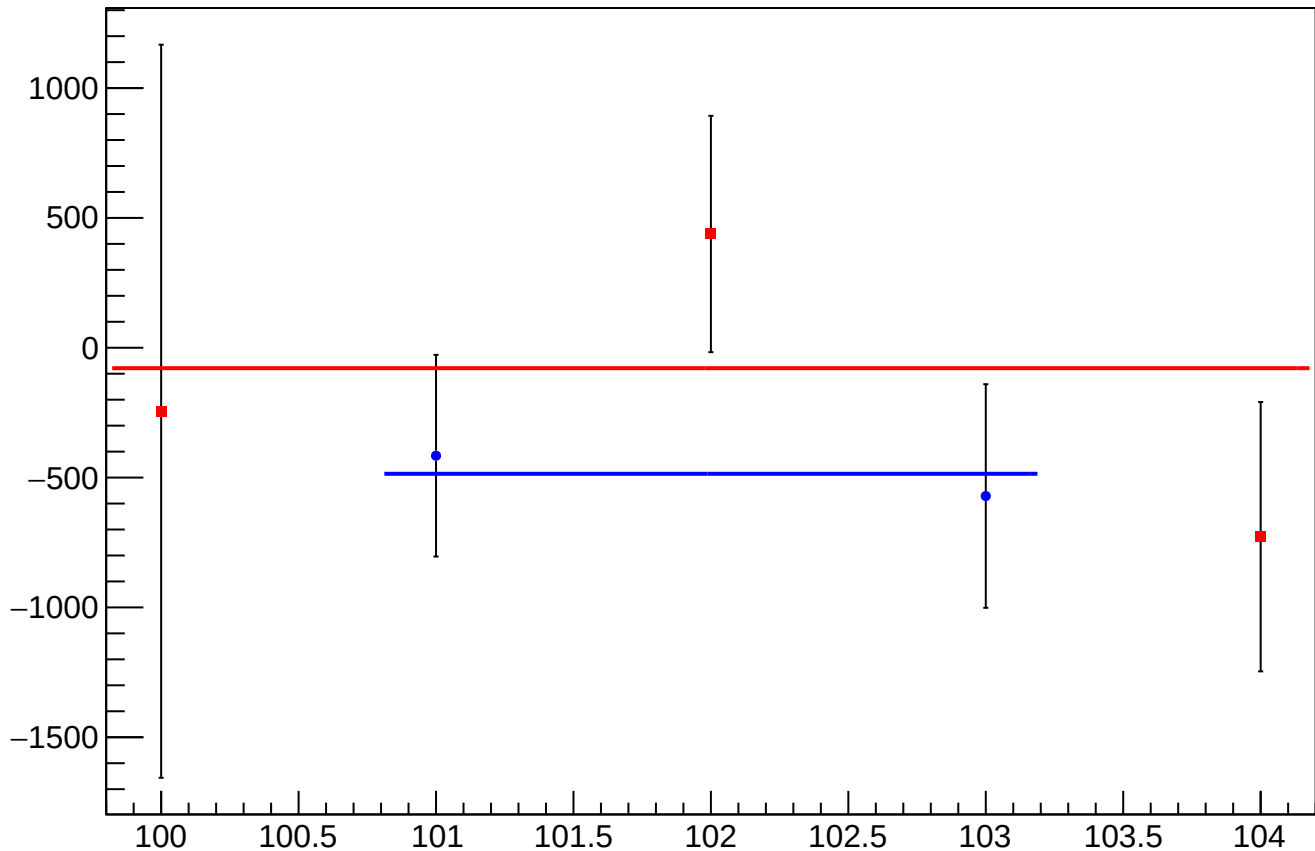
Right: 312.356+/-0.142 χ^2/NDF : 22566.5/4

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.356+/-0.142 χ^2/NDF : 22566.5/4

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -485.395+/-288.376 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.745+/-332.433 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

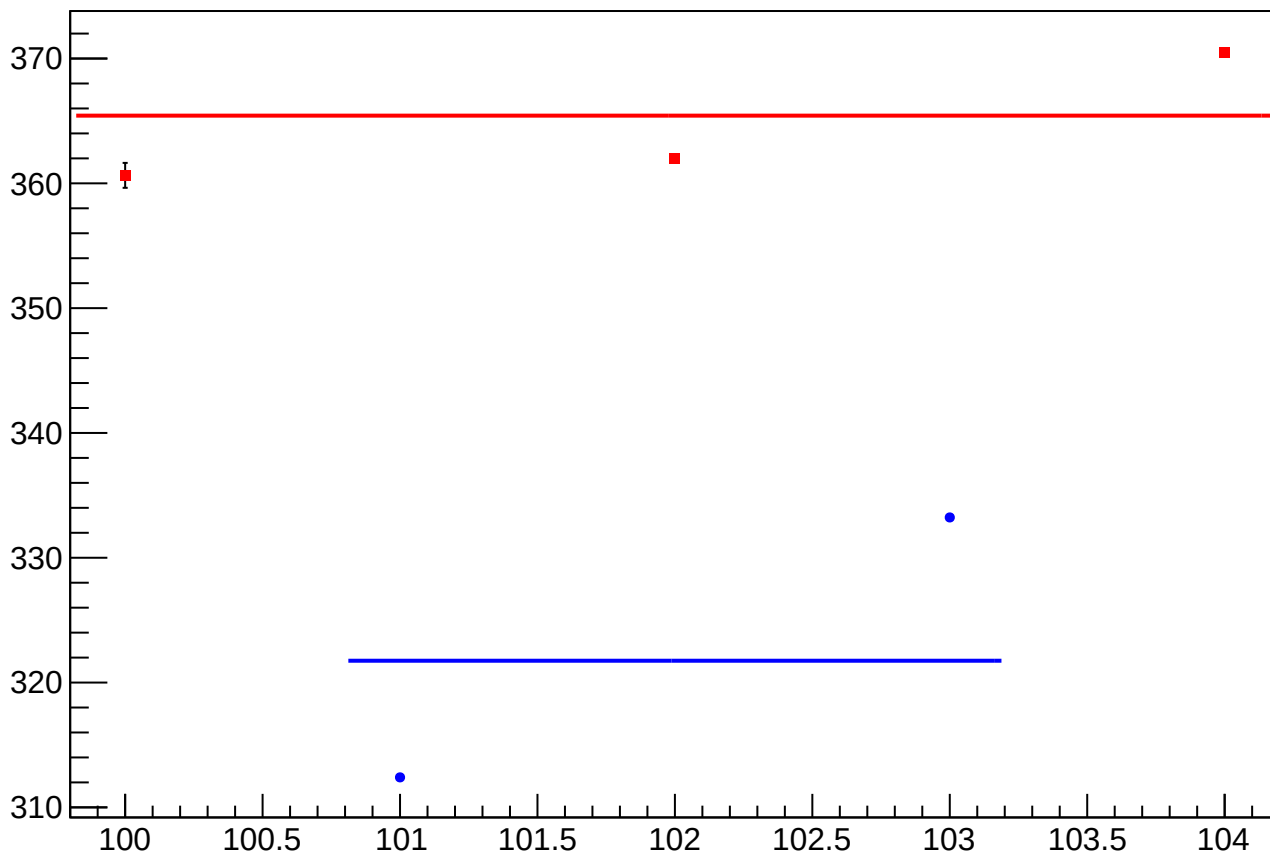
Right: -310.784+/-217.836 χ^2/NDF : 3.8/4

In: -485.395+/-288.376 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.784+/-217.836 χ^2/NDF : 3.8/4

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 321.749 ± 0.204 $\chi^2/\text{NDF}: 2580.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 365.424 ± 0.235 $\chi^2/\text{NDF}: 327.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

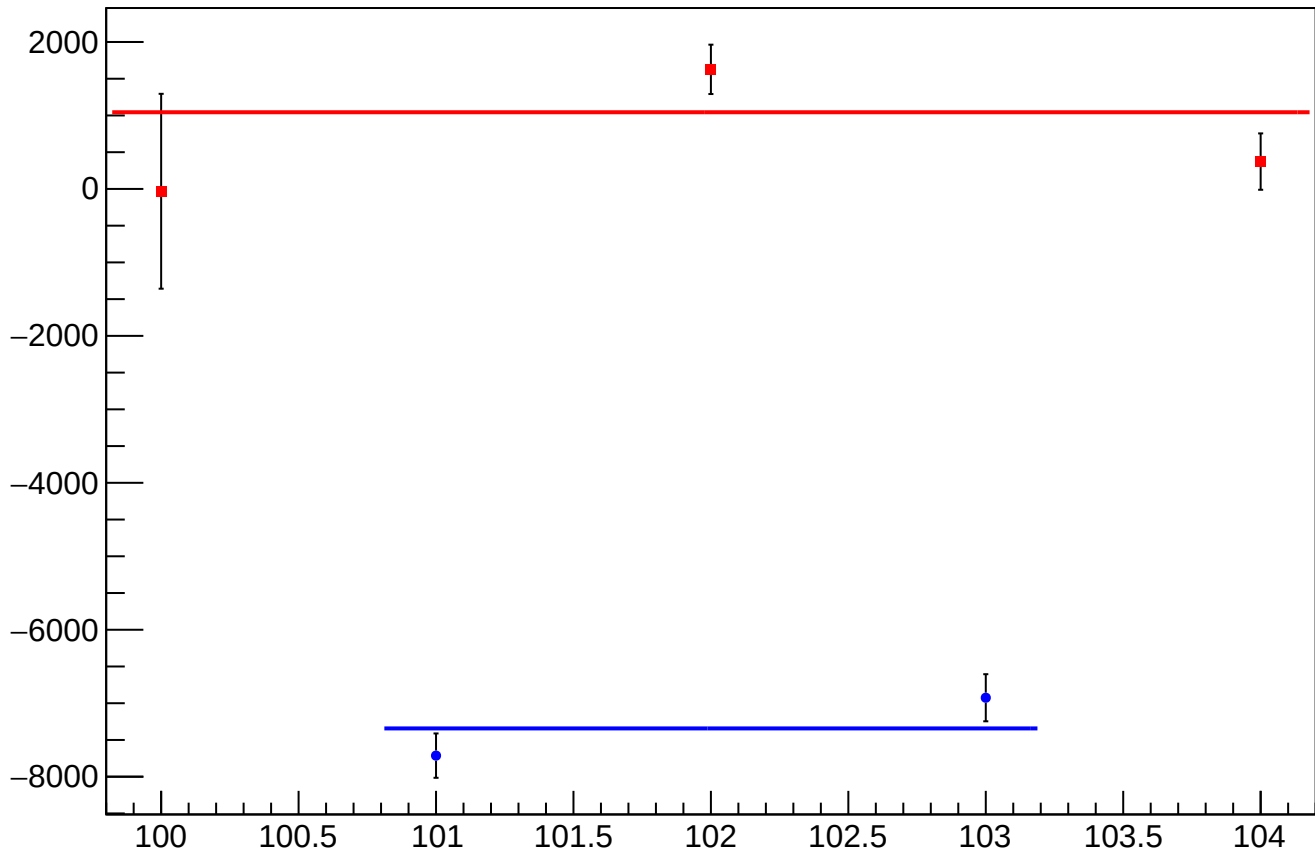
Right: 340.503 ± 0.154 $\chi^2/\text{NDF}: 22606.3/4$

In: 321.749 ± 0.204 $\chi^2/\text{NDF}: 2580.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 340.503 ± 0.154 $\chi^2/\text{NDF}: 22606.3/4$

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948 $\pm$ 219.717 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1043.708 $\pm$ 248.249 χ^2 /NDF: 6.7/2

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

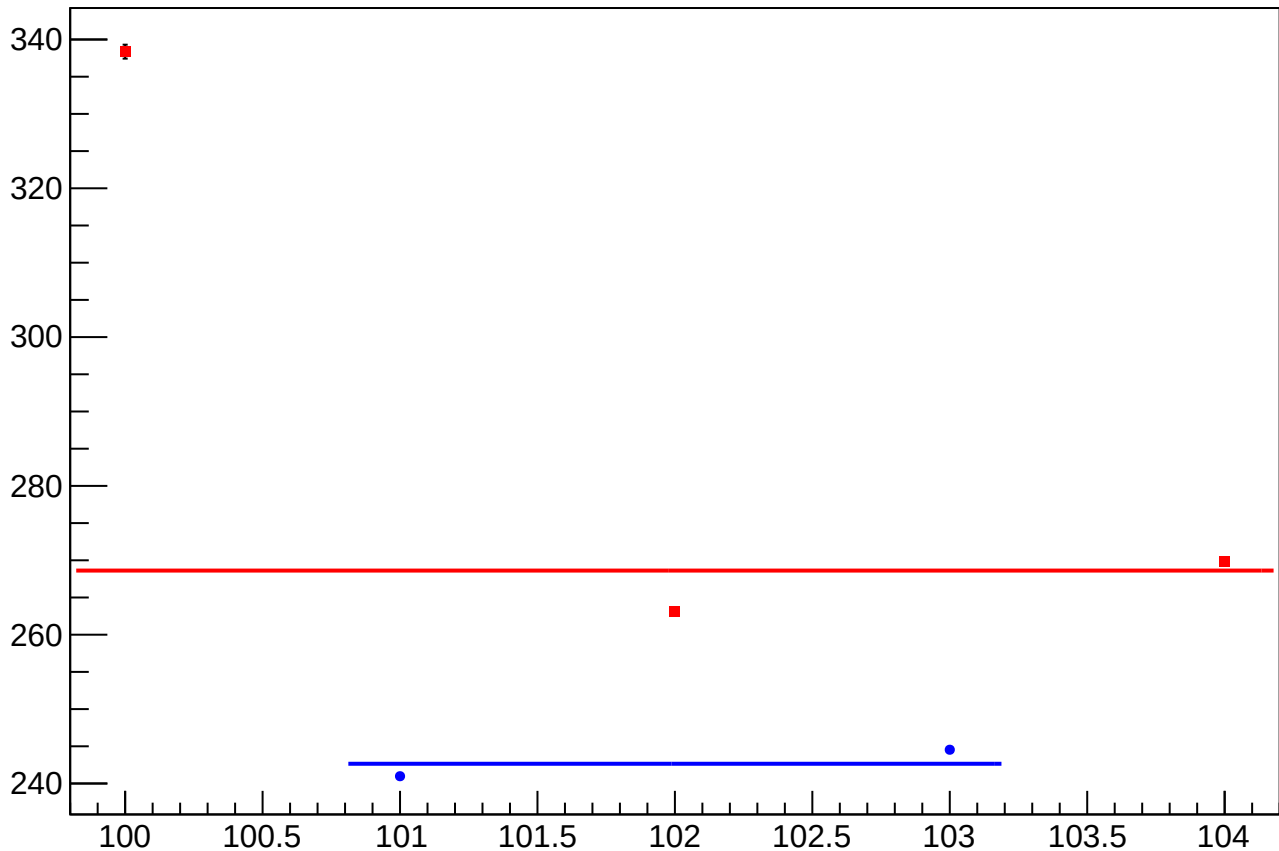
Right: -3659.057 $\pm$ 164.530 χ^2 /NDF: 649.9/4

In: -7342.948 $\pm$ 219.717 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3659.057 $\pm$ 164.530 χ^2 /NDF: 649.9/4

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: 268.619 $\pm$ 0.176 χ^2 /NDF: 6079.2/2

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

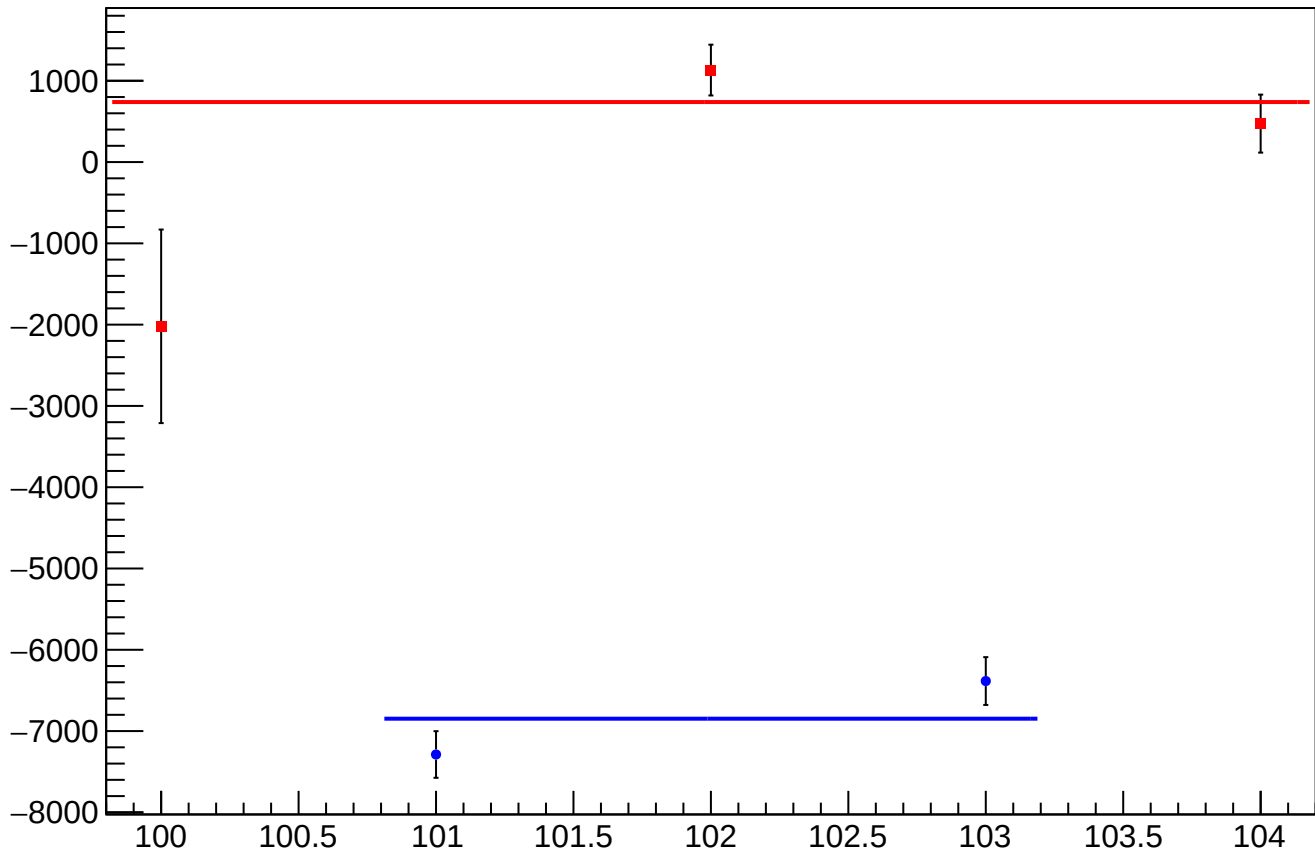
Right: 254.058 $\pm$ 0.116 χ^2 /NDF: 18480.7/4

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: 254.058 $\pm$ 0.116 χ^2 /NDF: 18480.7/4

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: 738.329+/-230.583 χ^2/NDF : 7.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

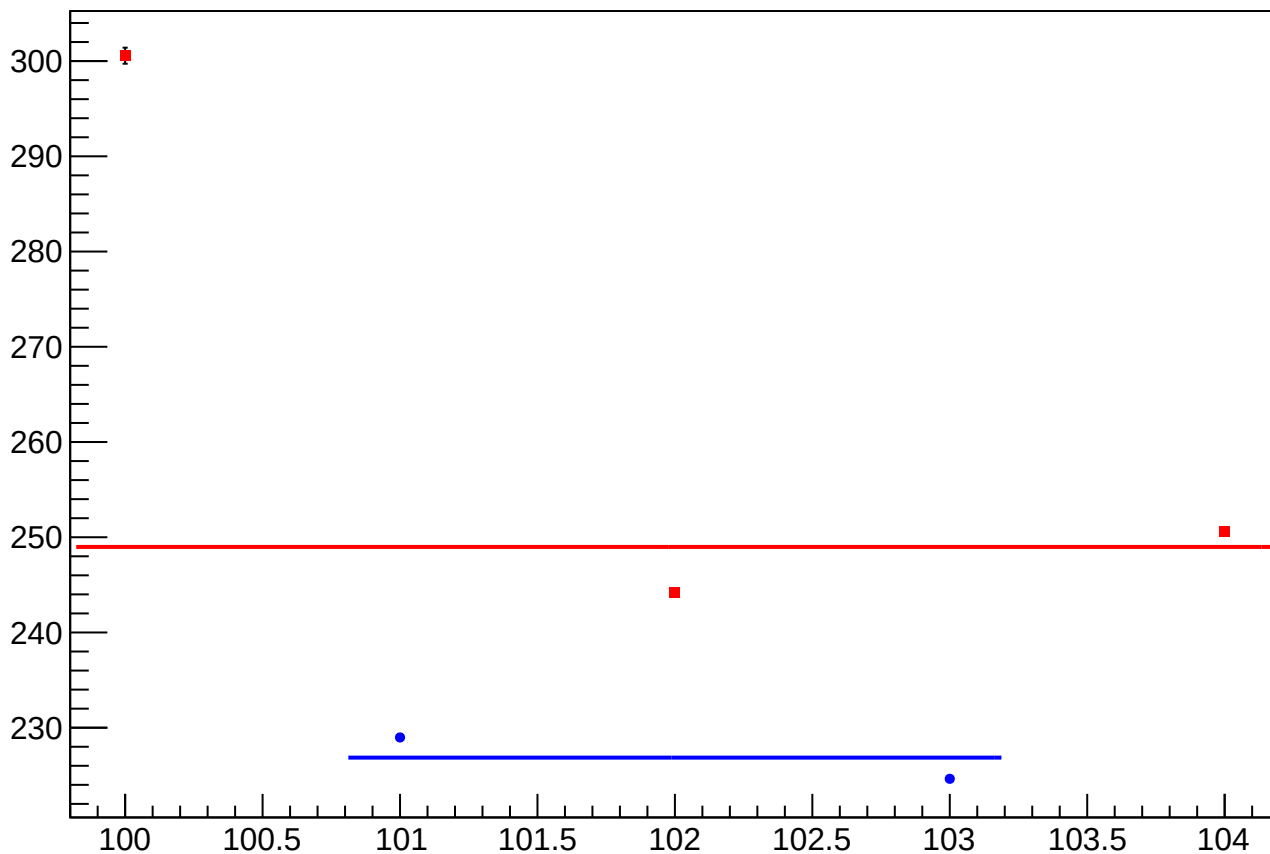
Right: -3493.518+/-153.325 χ^2/NDF : 616.1/4

In: -6847.678+/-205.284 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3493.518+/-153.325 χ^2/NDF : 616.1/4

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: 248.982 $\pm$ 0.163 χ^2 /NDF: 4272.9/2

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

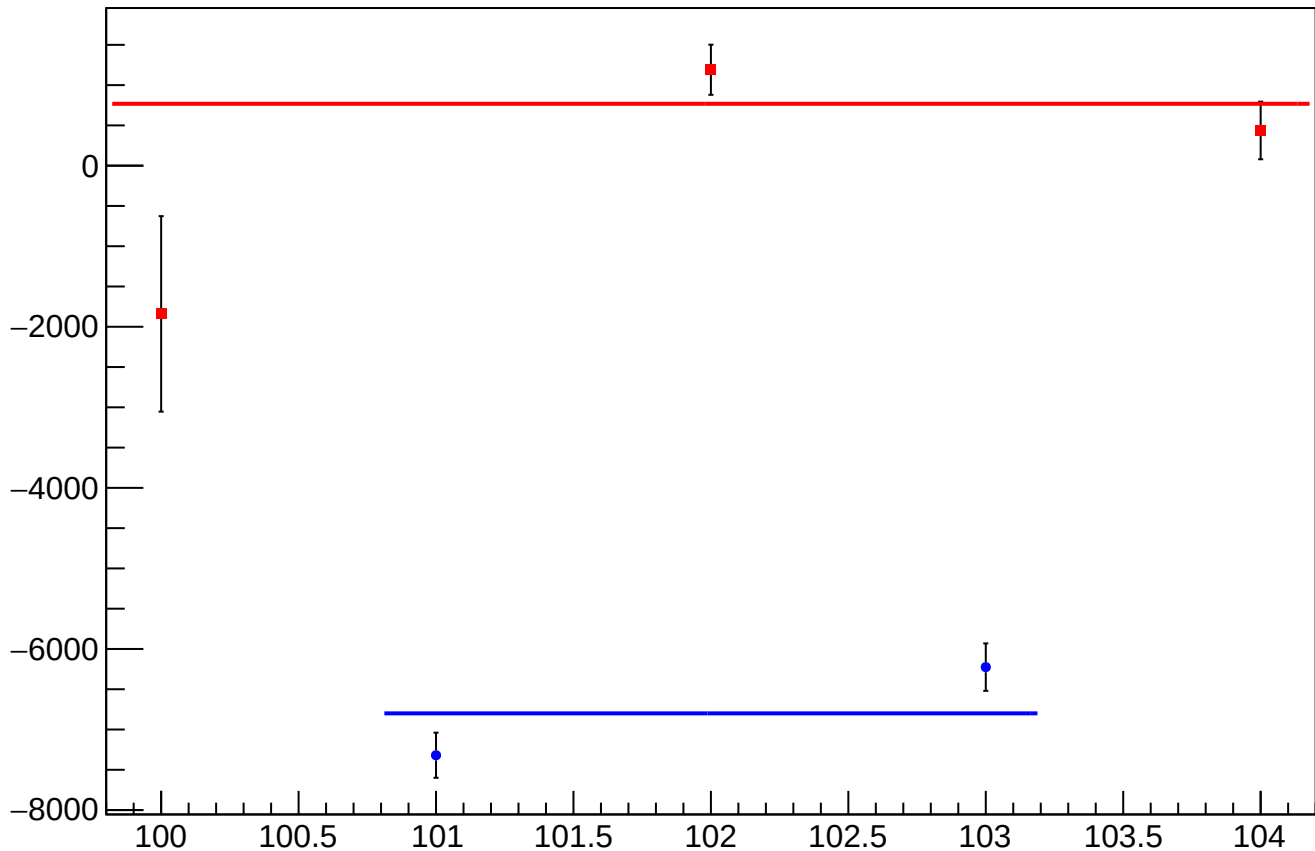
Right: 236.641 $\pm$ 0.108 χ^2 /NDF: 14766.0/4

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: 236.641 $\pm$ 0.108 χ^2 /NDF: 14766.0/4

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -6799.471 ± 202.982 $\chi^2/\text{NDF}: 7.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 768.320 ± 230.467 $\chi^2/\text{NDF}: 7.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

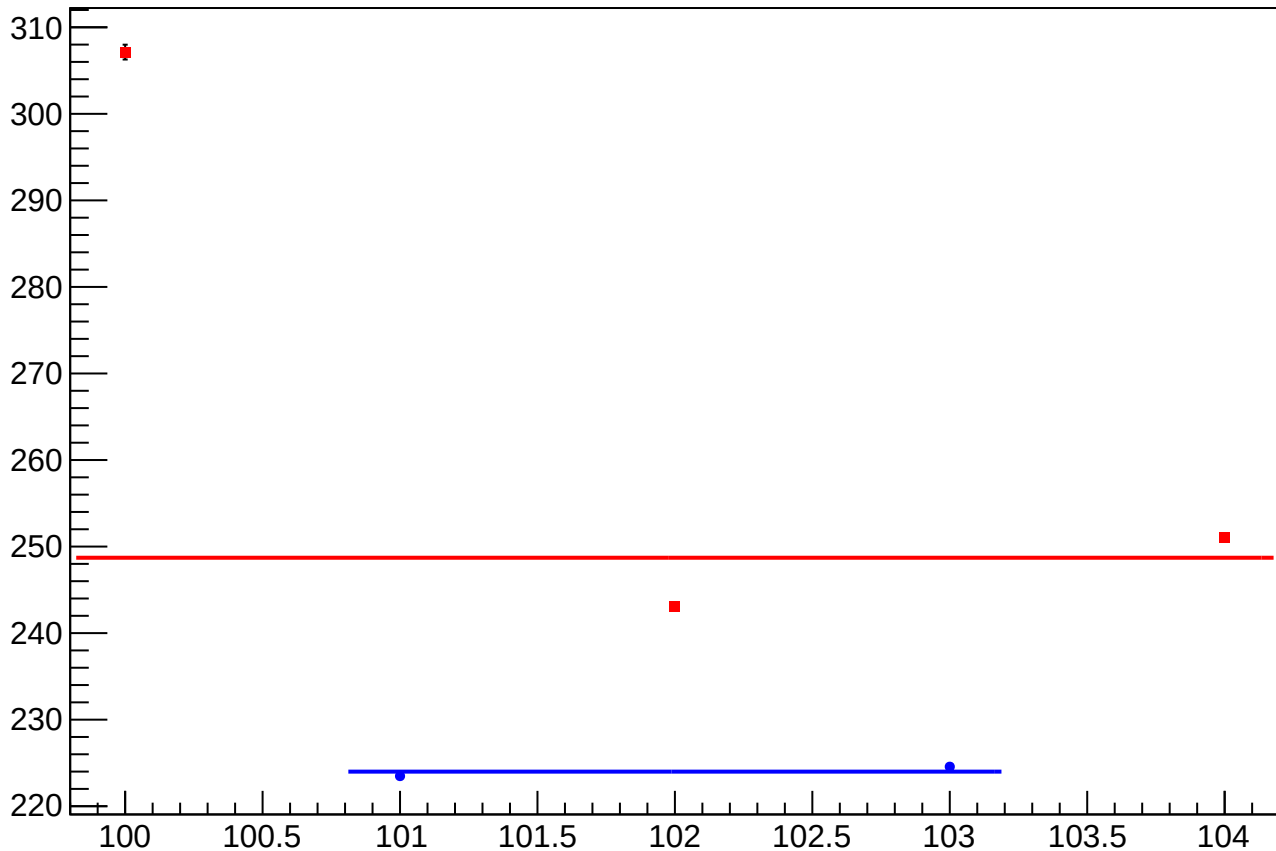
Right: -3493.531 ± 152.325 $\chi^2/\text{NDF}: 621.8/4$

In: -6799.471 ± 202.982 $\chi^2/\text{NDF}: 7.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3493.531 ± 152.325 $\chi^2/\text{NDF}: 621.8/4$

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: 248.710 $\pm$ 0.163 χ^2 /NDF: 5359.9/2

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

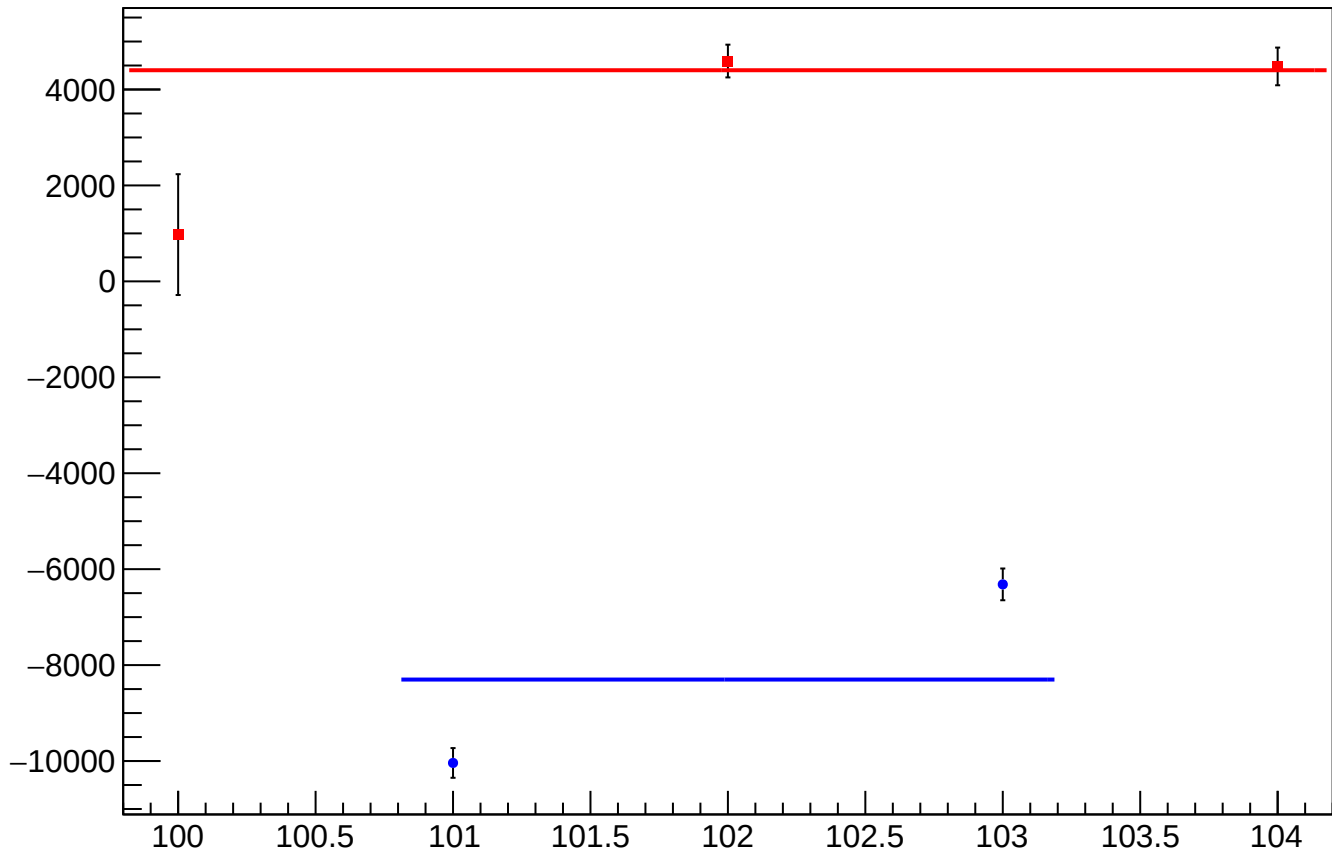
Right: 234.792 $\pm$ 0.108 χ^2 /NDF: 18326.3/4

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: 234.792 $\pm$ 0.108 χ^2 /NDF: 18326.3/4

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: 4401.534+/-252.415 χ^2/NDF : 7.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

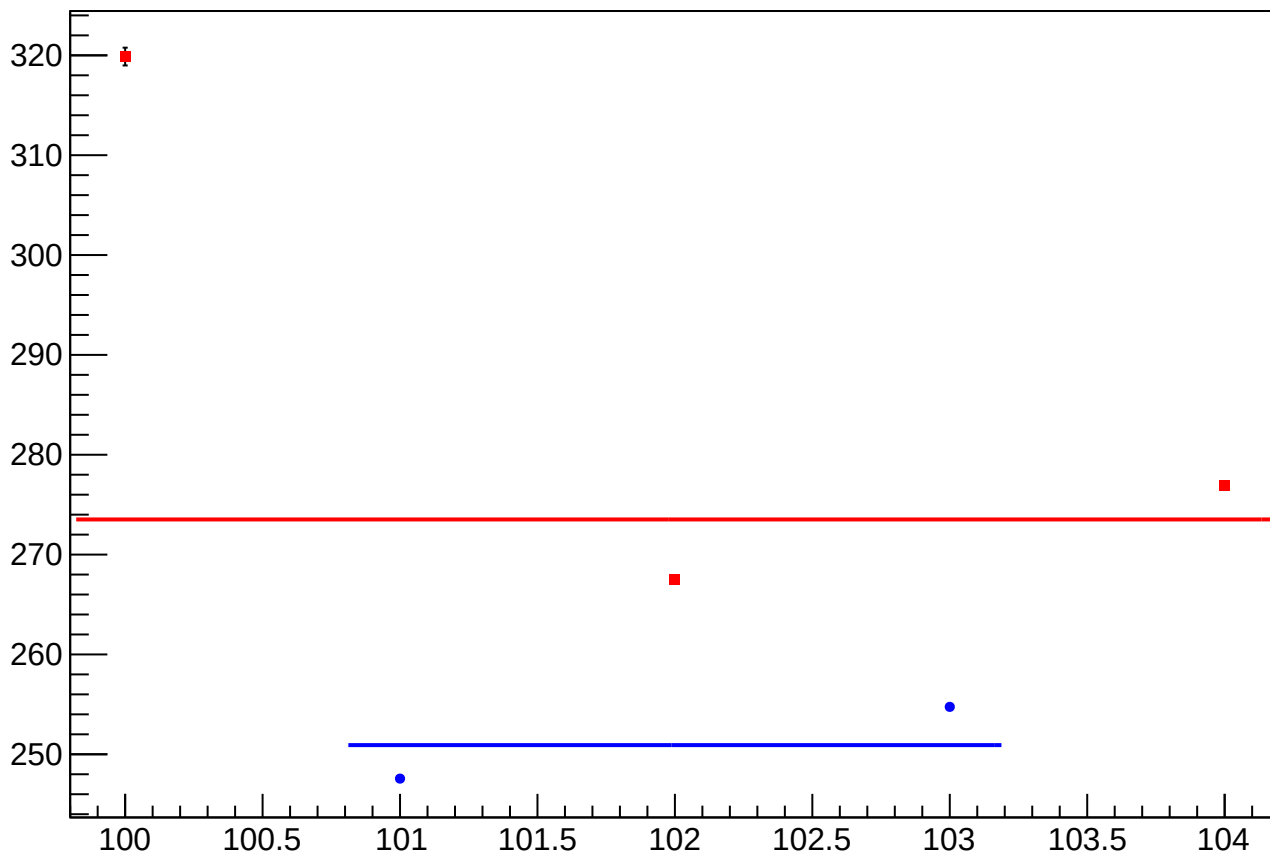
Right: -2644.860+/-168.439 χ^2/NDF : 1480.1/4

In: -8301.559+/-226.159 χ^2/NDF : 67.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2644.860+/-168.439 χ^2/NDF : 1480.1/4

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 250.920 +/- 0.160 χ^2/NDF : 502.6/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 273.520 +/- 0.178 χ^2/NDF : 3477.7/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

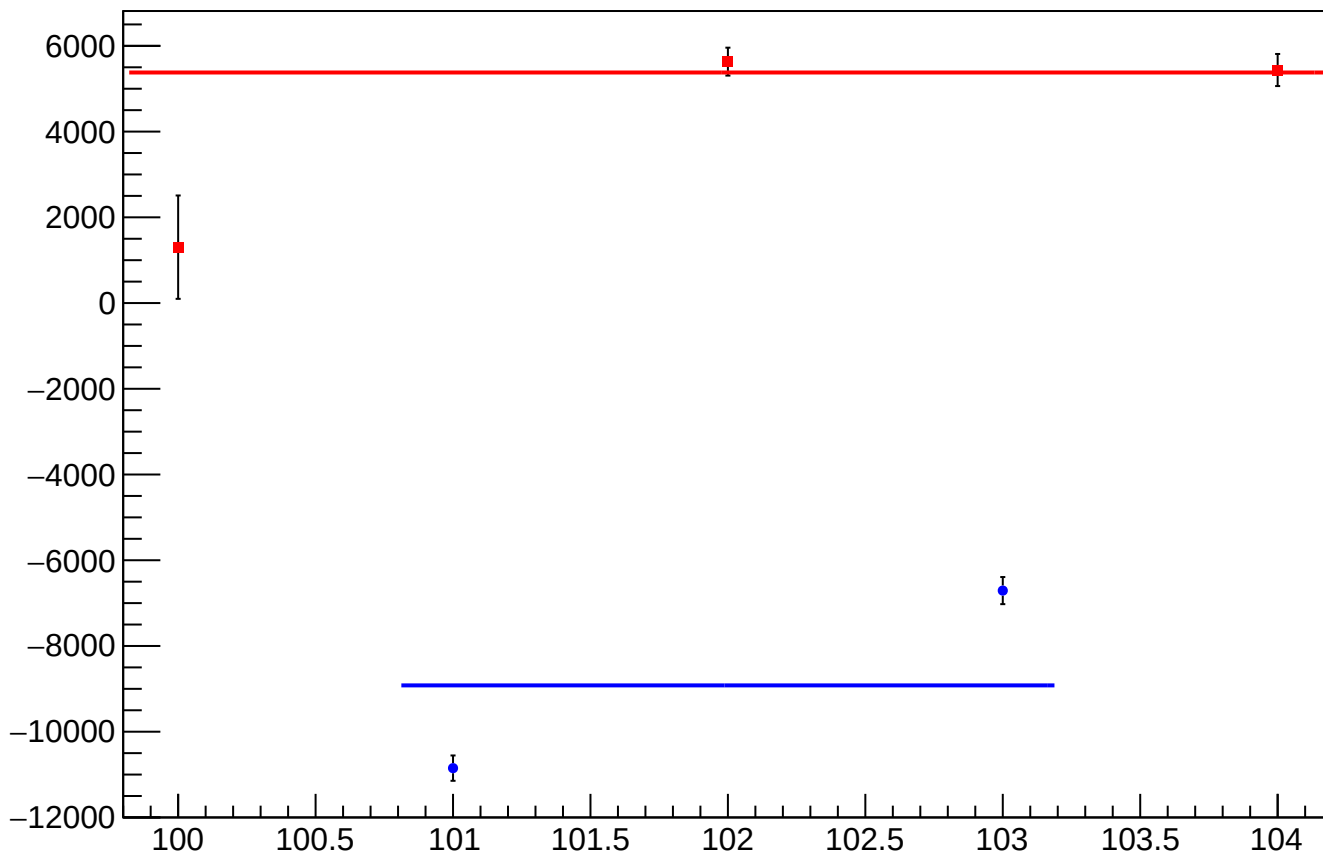
Right: 260.984 +/- 0.119 χ^2/NDF : 12873.5/4

In: 250.920 +/- 0.160 χ^2/NDF : 502.6/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 260.984 +/- 0.119 χ^2/NDF : 12873.5/4

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -8919.485 ± 215.877 $\chi^2/\text{NDF}: 91.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5378.680 ± 240.746 $\chi^2/\text{NDF}: 12.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

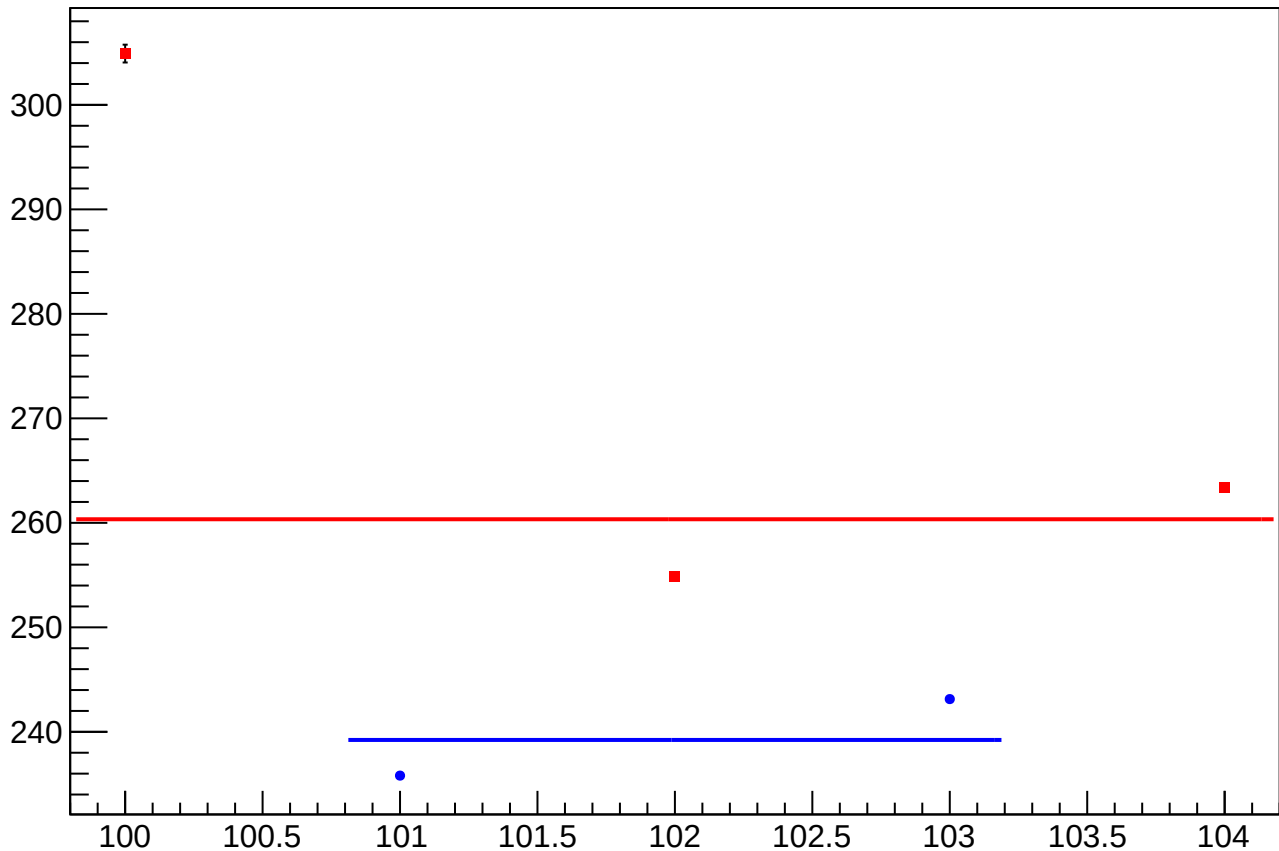
Right: -2546.828 ± 160.723 $\chi^2/\text{NDF}: 2058.9/4$

In: -8919.485 ± 215.877 $\chi^2/\text{NDF}: 91.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2546.828 ± 160.723 $\chi^2/\text{NDF}: 2058.9/4$

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 239.224 ± 0.153 $\chi^2/\text{NDF}: 572.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 260.344 ± 0.170 $\chi^2/\text{NDF}: 3436.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

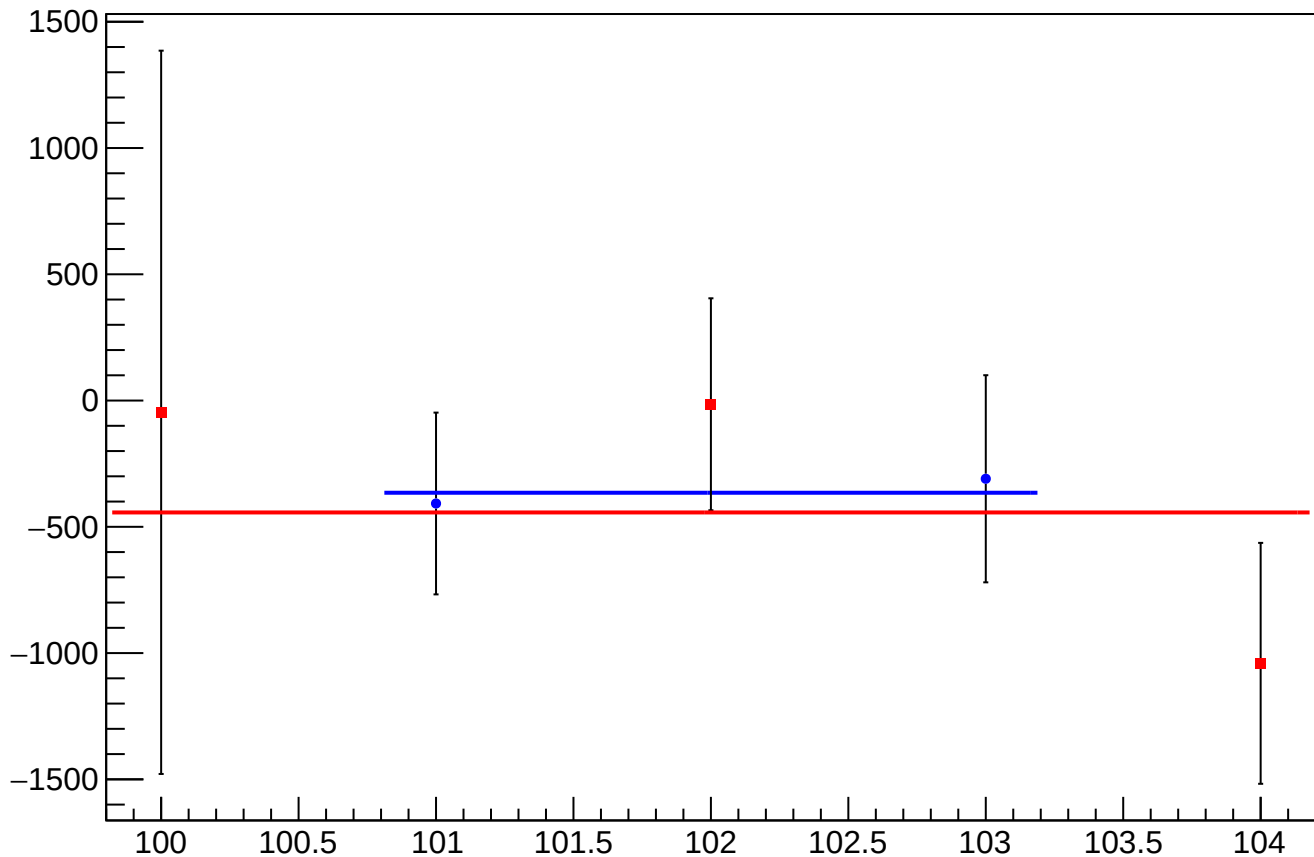
Right: 248.637 ± 0.114 $\chi^2/\text{NDF}: 12541.6/4$

In: 239.224 ± 0.153 $\chi^2/\text{NDF}: 572.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 248.637 ± 0.114 $\chi^2/\text{NDF}: 12541.6/4$

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: -443.115+/-307.727 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

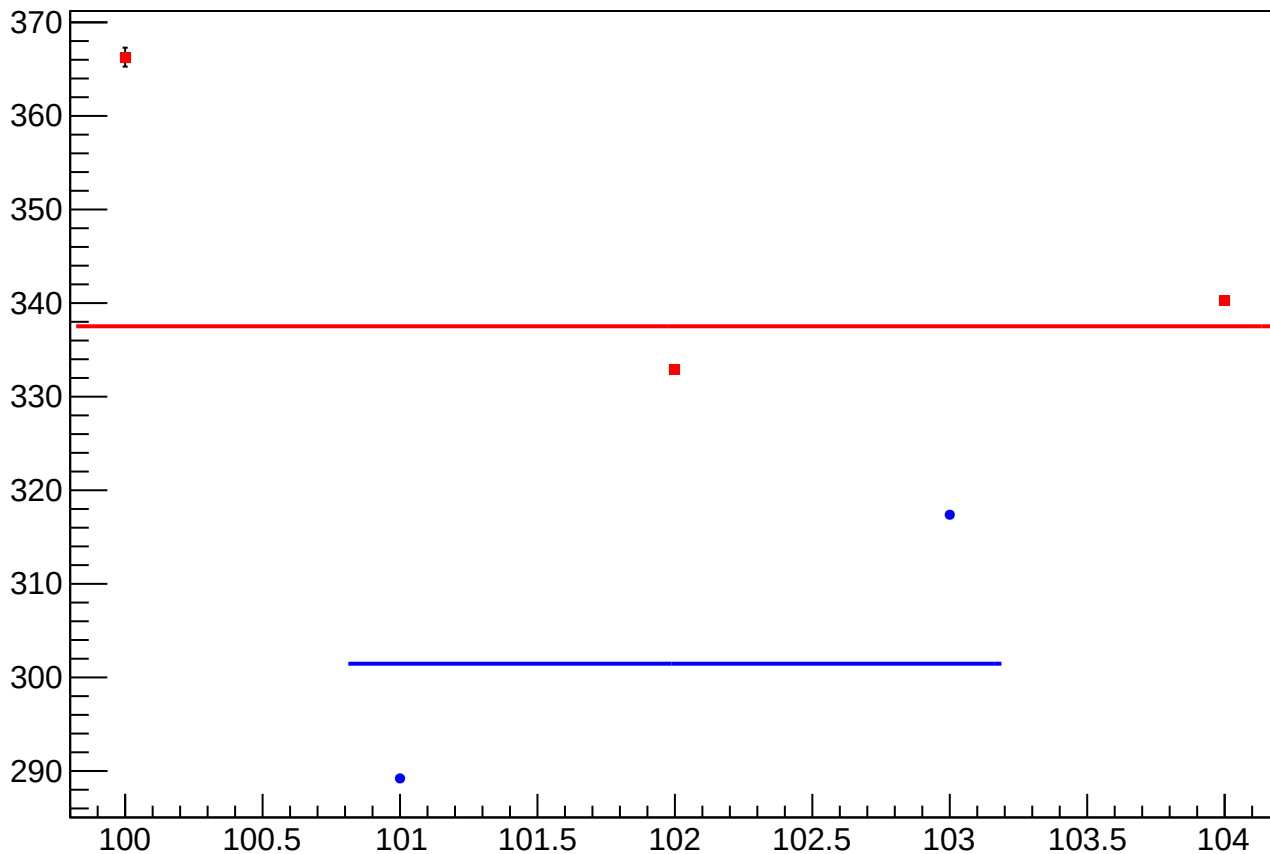
Right: -399.087+/-203.172 χ^2/NDF : 2.8/4

In: -365.065+/-270.513 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.087+/-203.172 χ^2/NDF : 2.8/4

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 301.467 ± 0.191 $\chi^2/\text{NDF}: 5332.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 337.522 ± 0.218 $\chi^2/\text{NDF}: 1110.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

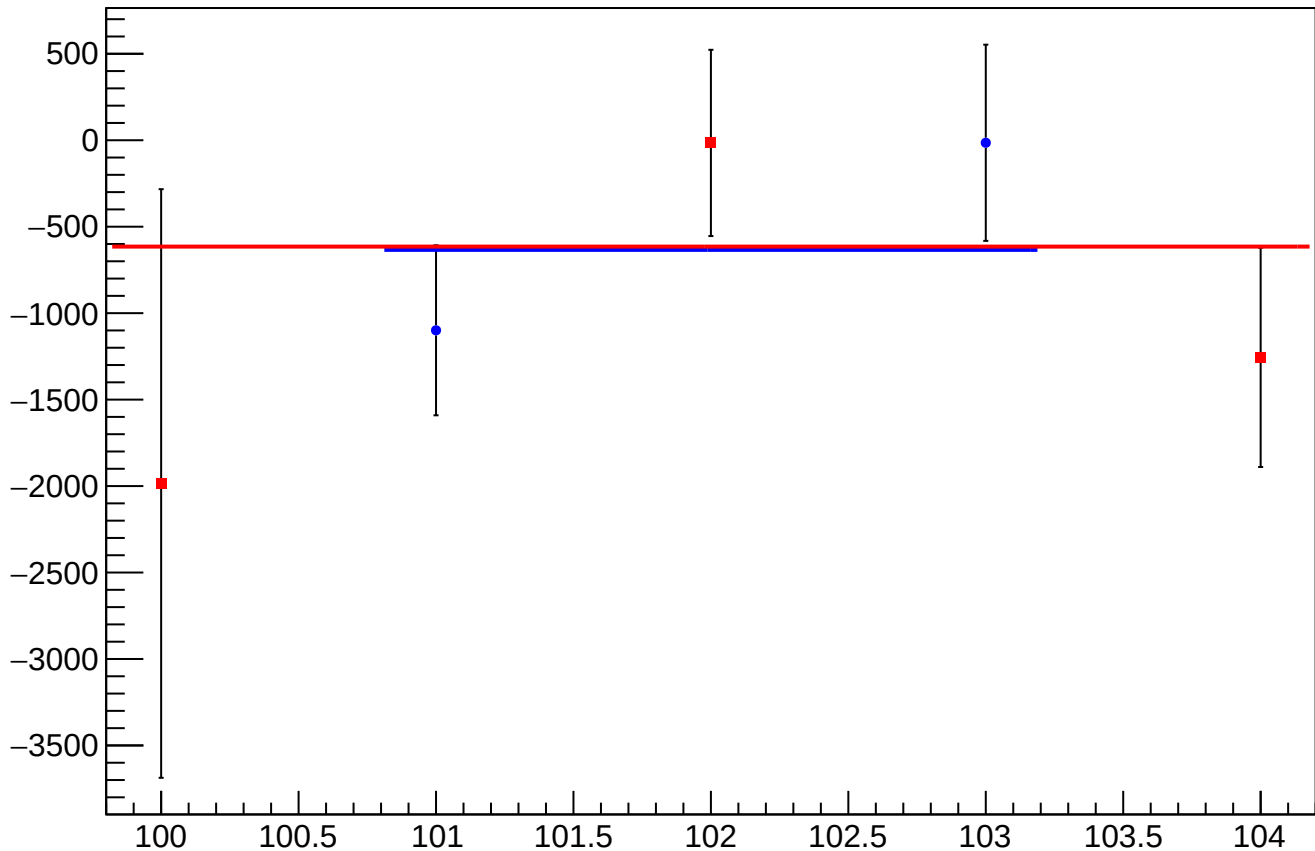
Right: 317.184 ± 0.144 $\chi^2/\text{NDF}: 21930.9/4$

In: 301.467 ± 0.191 $\chi^2/\text{NDF}: 5332.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 317.184 ± 0.144 $\chi^2/\text{NDF}: 21930.9/4$

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: -615.045+/-399.011 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

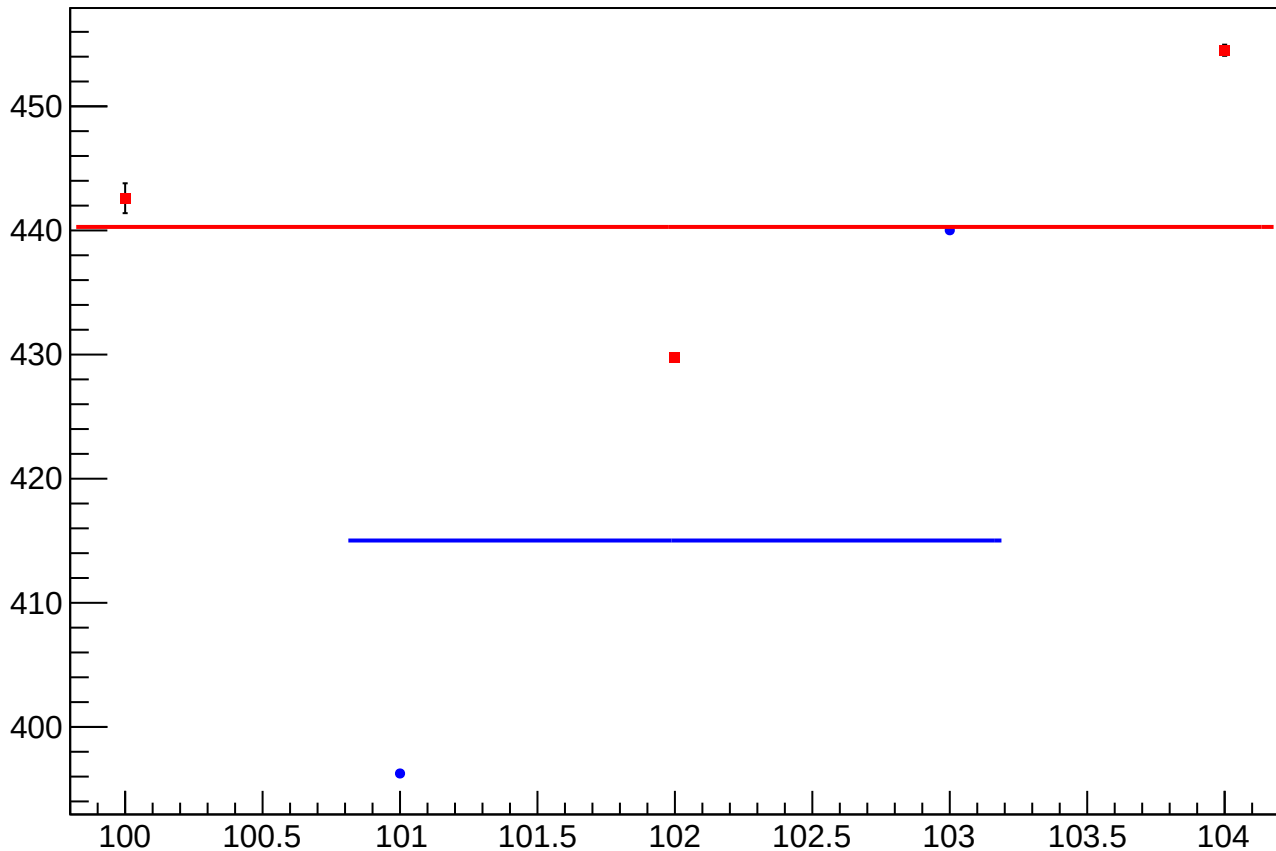
Right: -625.210+/-271.909 χ^2/NDF : 5.0/4

In: -634.023+/-371.532 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -625.210+/-271.909 χ^2/NDF : 5.0/4

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 415.020+/-0.263 χ^2/NDF : 6797.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.284+/-0.282 χ^2/NDF : 1773.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

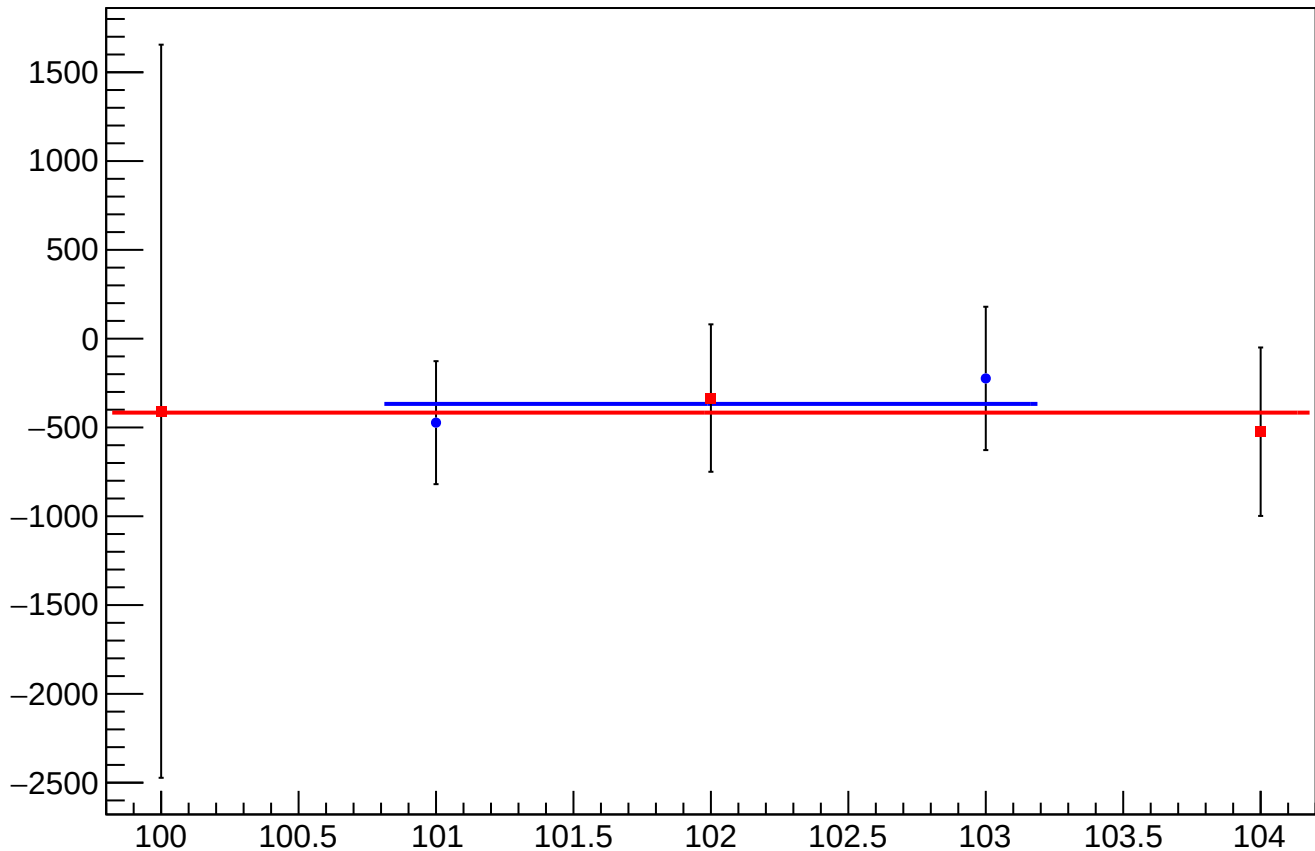
Right: 426.752+/-0.192 χ^2/NDF : 12865.0/4

In: 415.020+/-0.263 χ^2/NDF : 6797.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.752+/-0.192 χ^2/NDF : 12865.0/4

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: -416.428+/-308.824 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

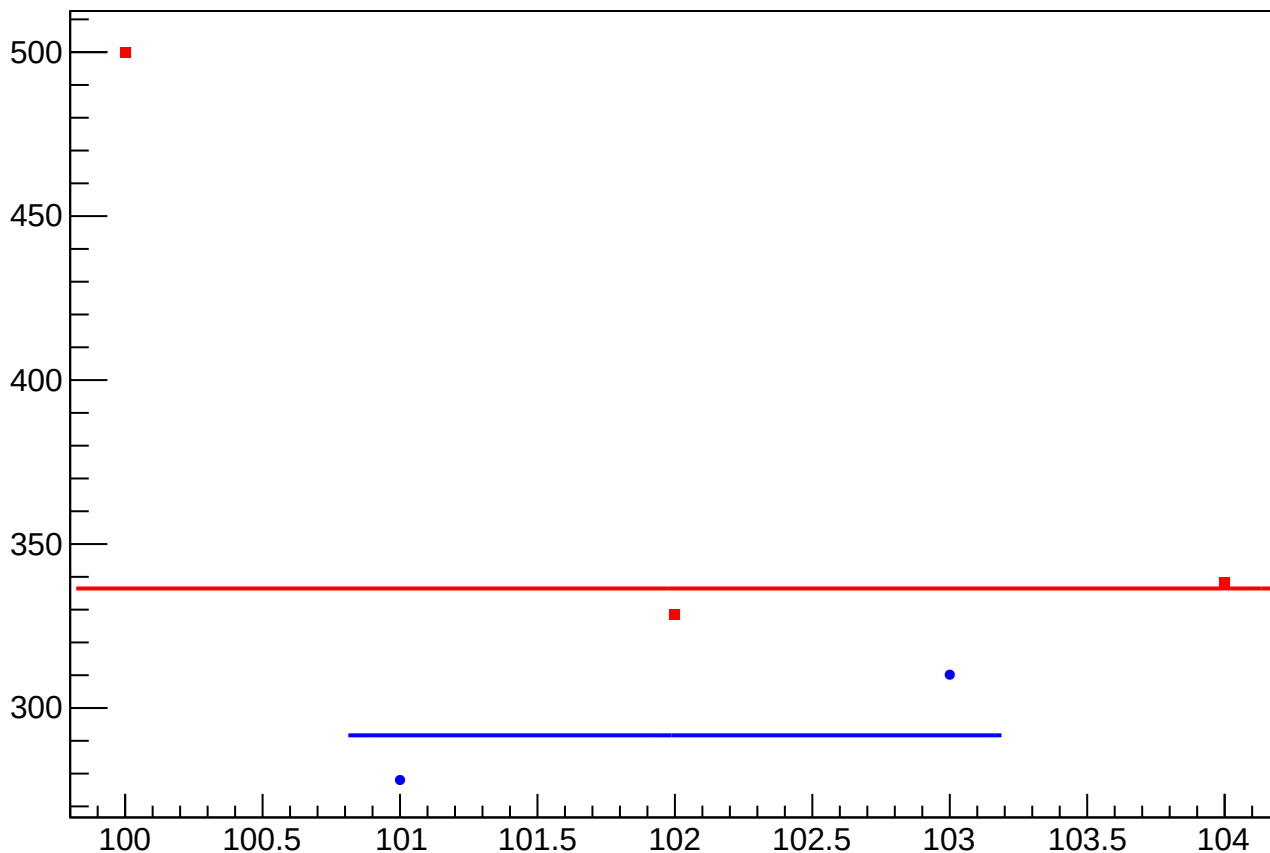
Right: -387.941+/-200.137 χ^2/NDF : 0.3/4

In: -367.313+/-262.788 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -387.941+/-200.137 χ^2/NDF : 0.3/4

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: 336.456+/-0.218 χ^2/NDF : 13293.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

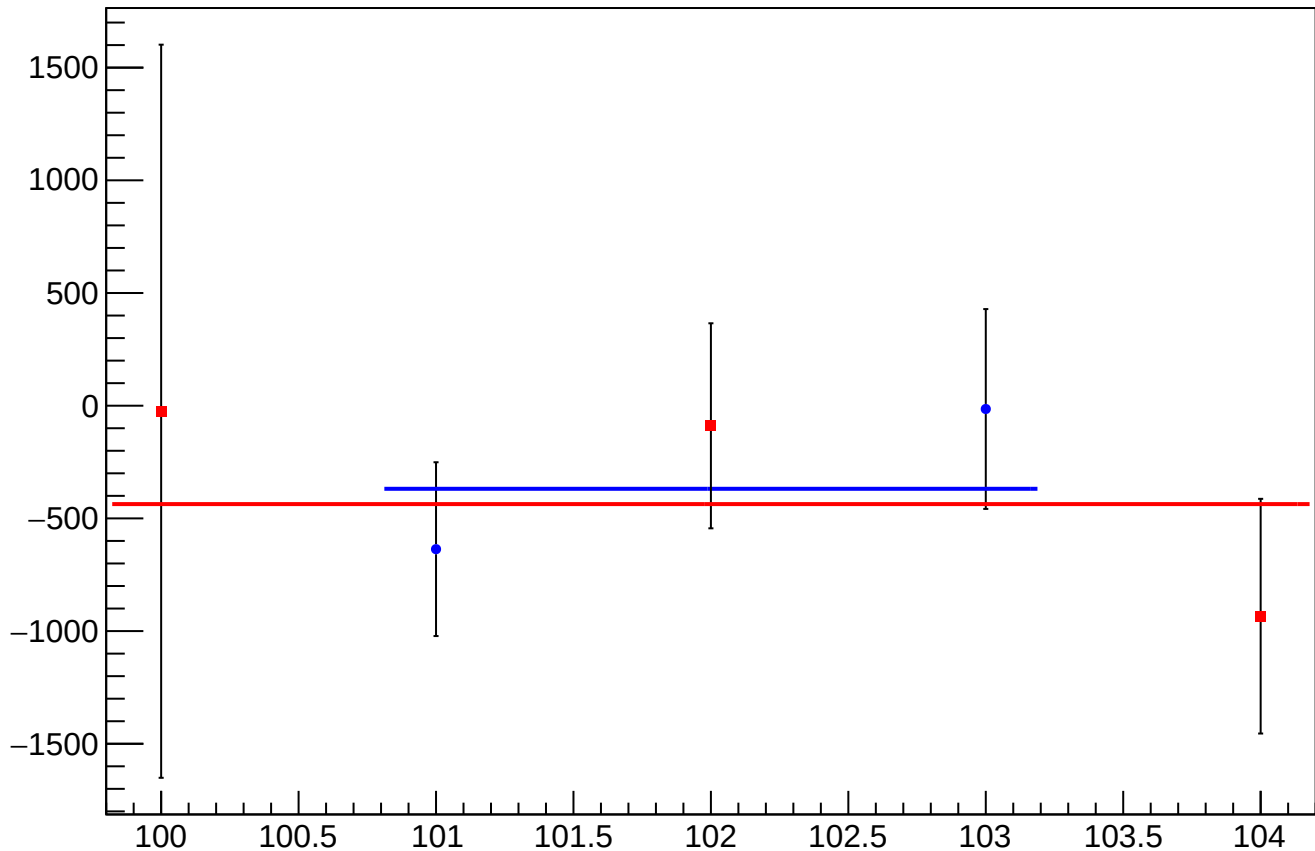
Right: 310.478+/-0.142 χ^2/NDF : 44985.9/4

In: 291.669+/-0.186 χ^2/NDF : 7294.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.478+/-0.142 χ^2/NDF : 44985.9/4

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -368.689 $\pm$ 290.927 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -436.560 $\pm$ 335.204 χ^2 /NDF: 1.6/2

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

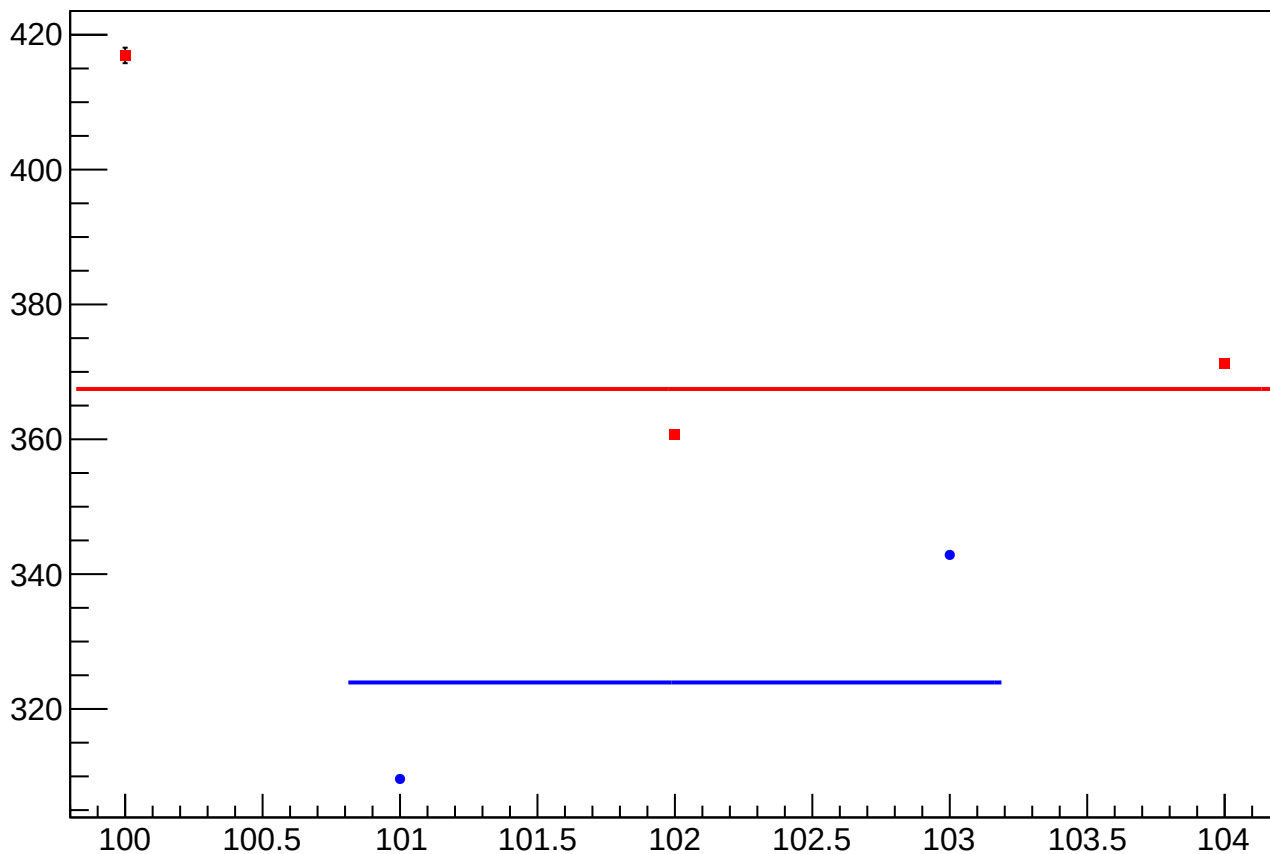
Right: -397.849 $\pm$ 219.715 χ^2 /NDF: 2.7/4

In: -368.689 $\pm$ 290.927 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -397.849 $\pm$ 219.715 χ^2 /NDF: 2.7/4

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: 367.465+/-0.237 χ^2/NDF : 2386.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

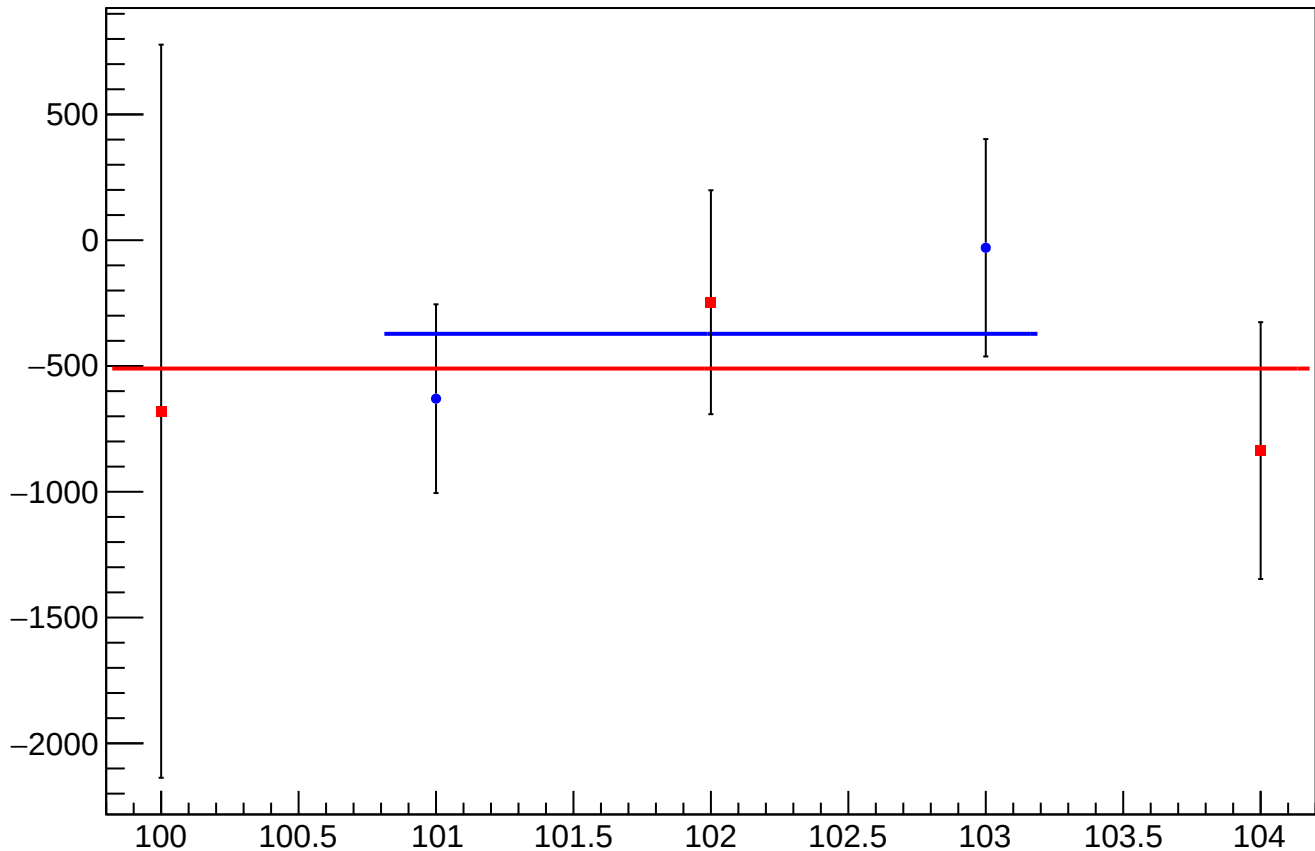
Right: 342.634+/-0.155 χ^2/NDF : 28027.1/4

In: 323.930+/-0.206 χ^2/NDF : 6398.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.634+/-0.155 χ^2/NDF : 28027.1/4

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -372.109 $\pm$ 283.266 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -510.207 $\pm$ 326.933 χ^2 /NDF: 0.8/2

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

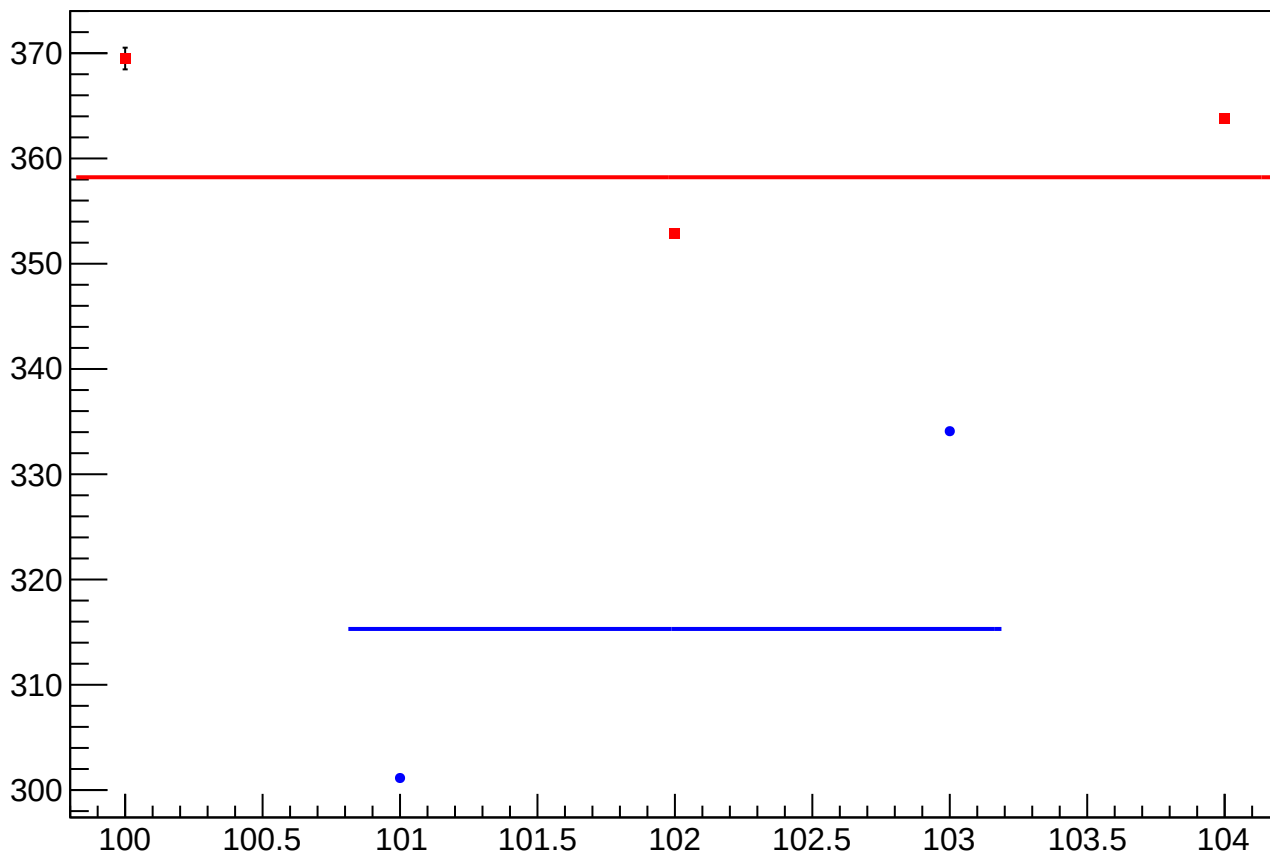
Right: -431.326 $\pm$ 214.085 χ^2 /NDF: 2.0/4

In: -372.109 $\pm$ 283.266 χ^2 /NDF:1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -431.326 $\pm$ 214.085 χ^2 /NDF: 2.0/4

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: 358.214+/-0.231 χ^2/NDF : 648.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

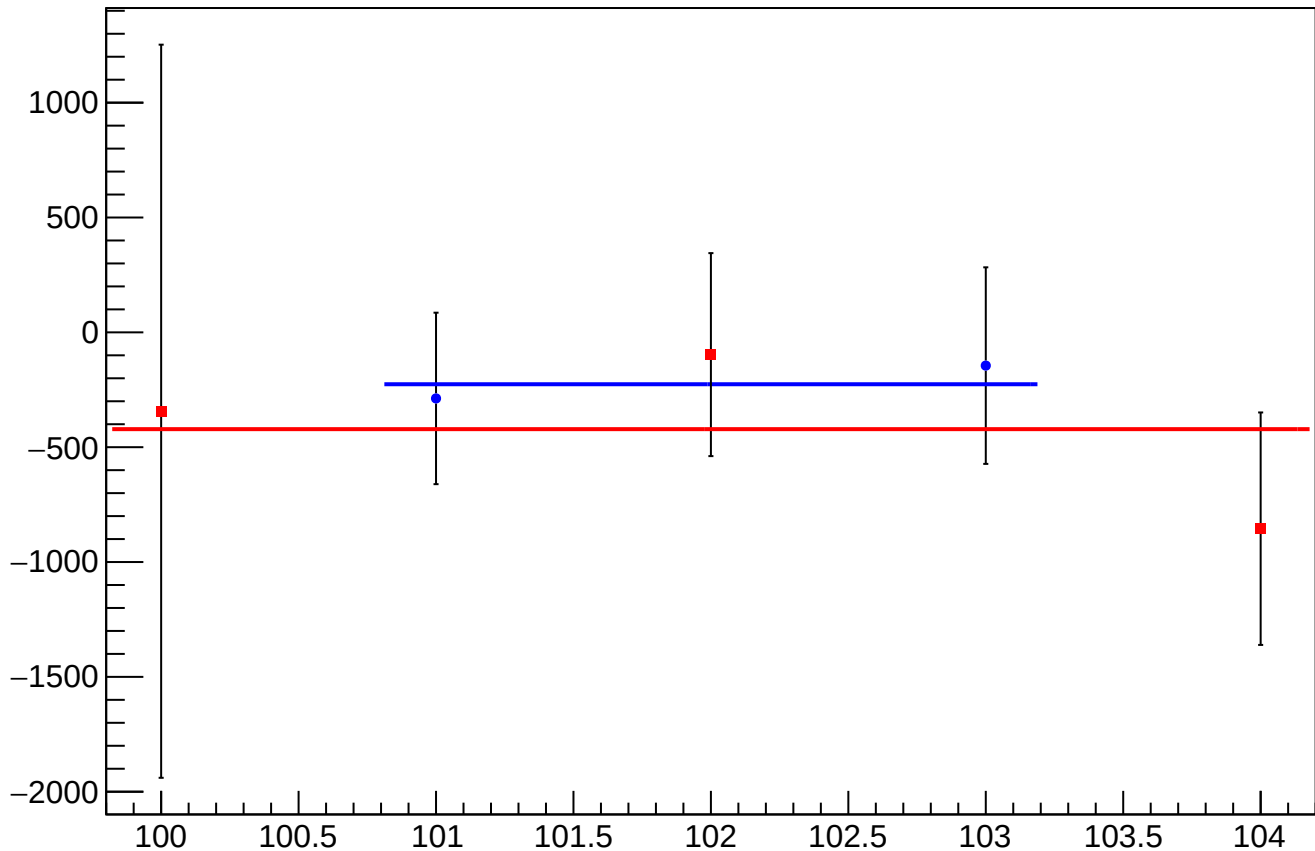
Right: 333.704+/-0.151 χ^2/NDF : 26959.4/4

In: 315.304+/-0.200 χ^2/NDF : 6630.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.704+/-0.151 χ^2/NDF : 26959.4/4

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -225.929 ± 281.286 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -421.438 ± 325.850 $\chi^2/\text{NDF}: 1.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

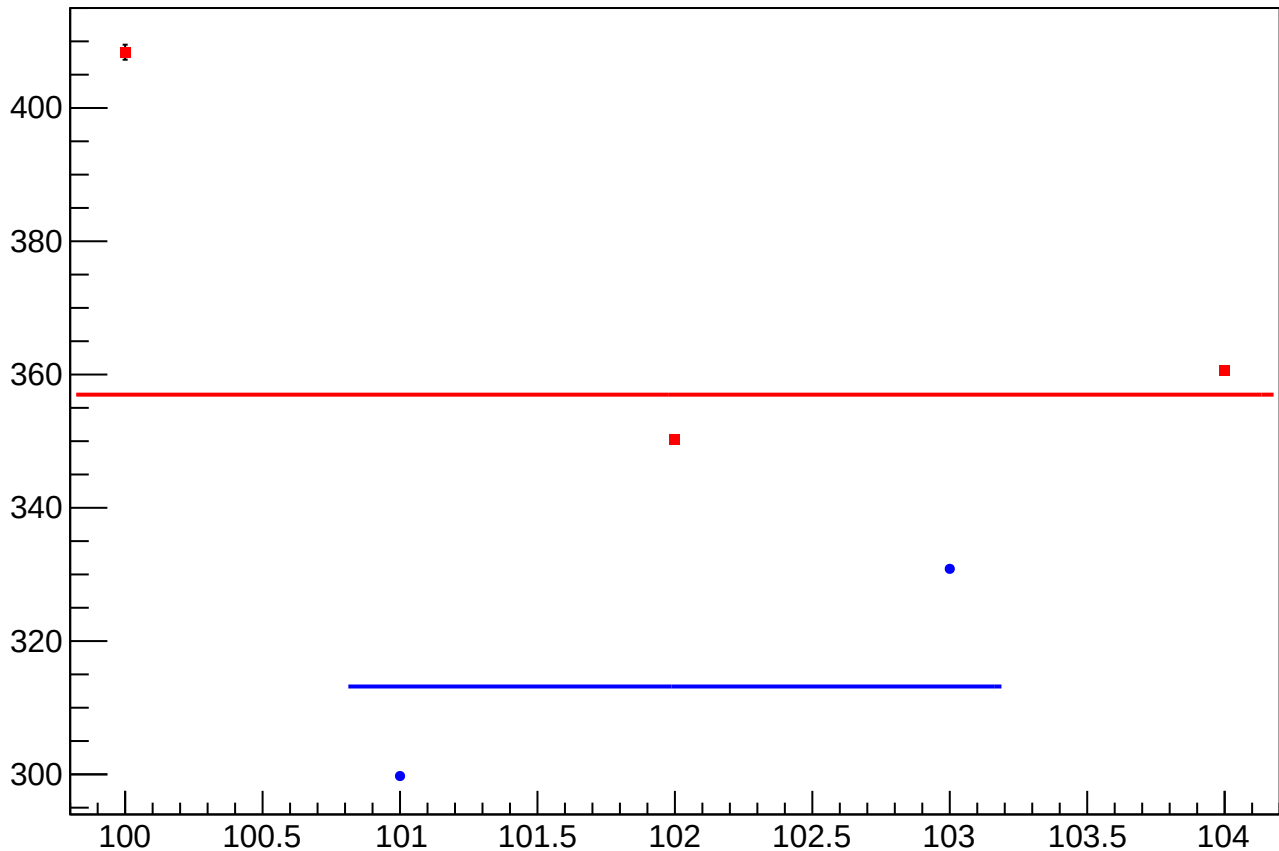
Right: -309.410 ± 212.926 $\chi^2/\text{NDF}: 1.5/4$

In: -225.929 ± 281.286 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -309.410 ± 212.926 $\chi^2/\text{NDF}: 1.5/4$

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 313.184+/-0.199 χ^2/NDF : 5997.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.981+/-0.230 χ^2/NDF : 2642.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

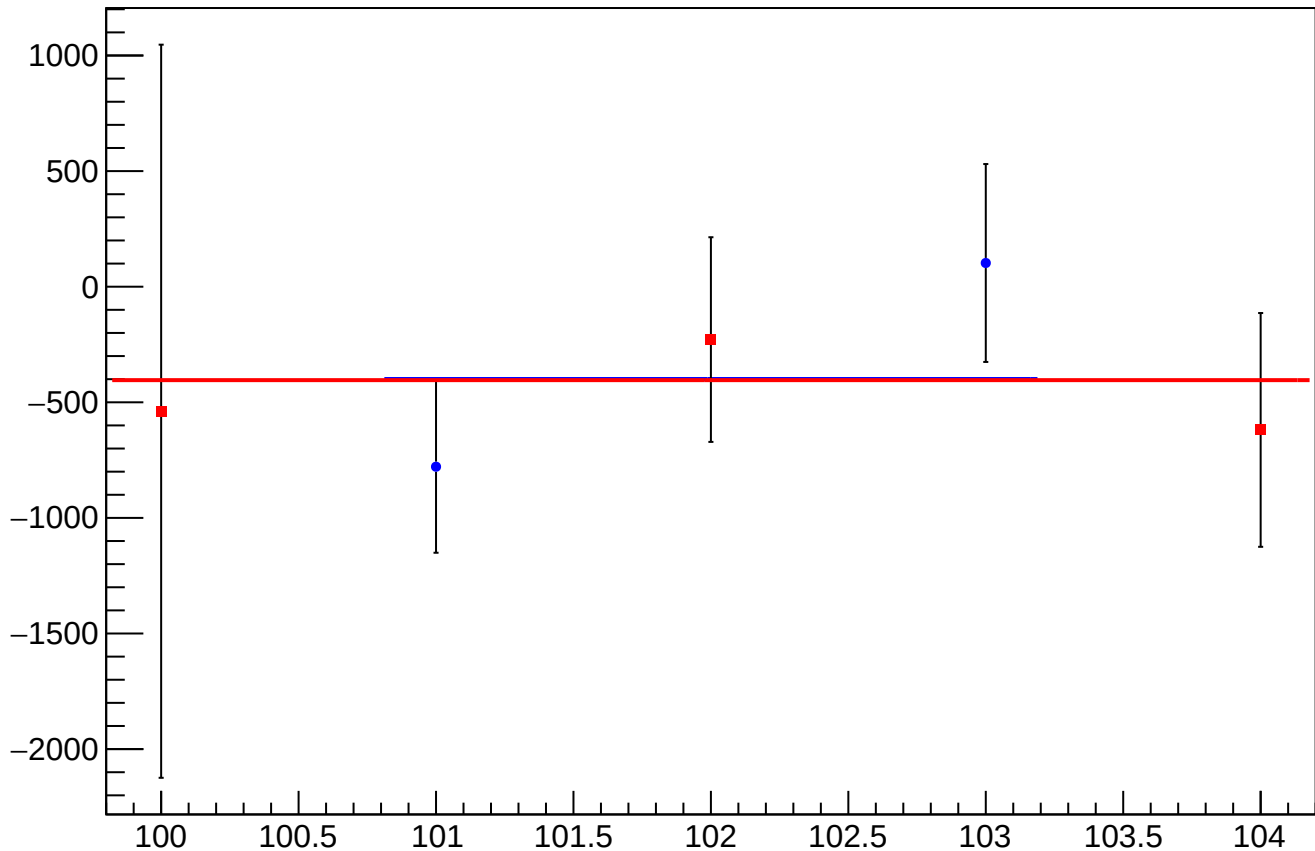
Right: 331.885+/-0.151 χ^2/NDF : 29342.9/4

In: 313.184+/-0.199 χ^2/NDF : 5997.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.885+/-0.151 χ^2/NDF : 29342.9/4

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: -404.148+/-325.924 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

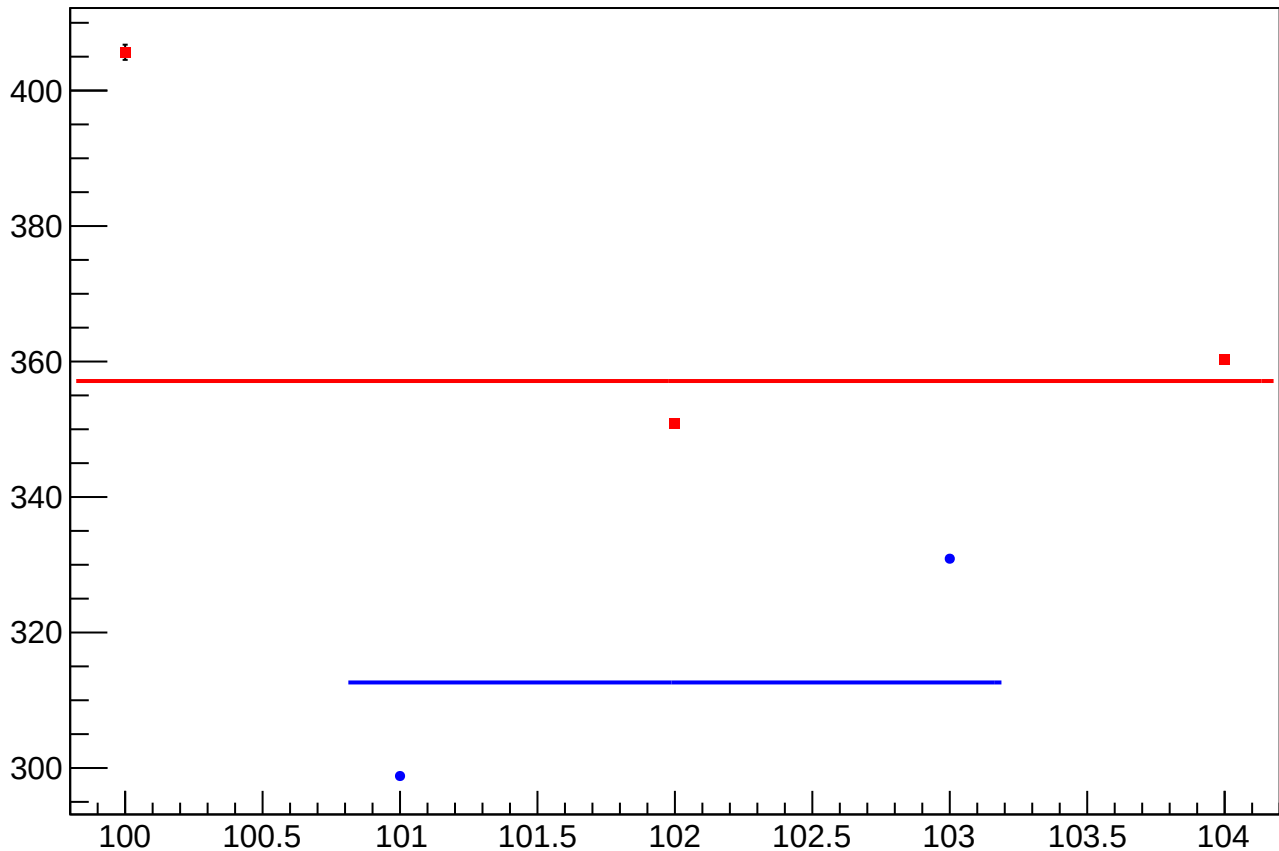
Right: -401.371+/-212.741 χ^2/NDF : 2.8/4

In: -399.310+/-280.814 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -401.371+/-212.741 χ^2/NDF : 2.8/4

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 312.627 ± 0.199 $\chi^2/\text{NDF}: 6398.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 357.124 ± 0.230 $\chi^2/\text{NDF}: 2351.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

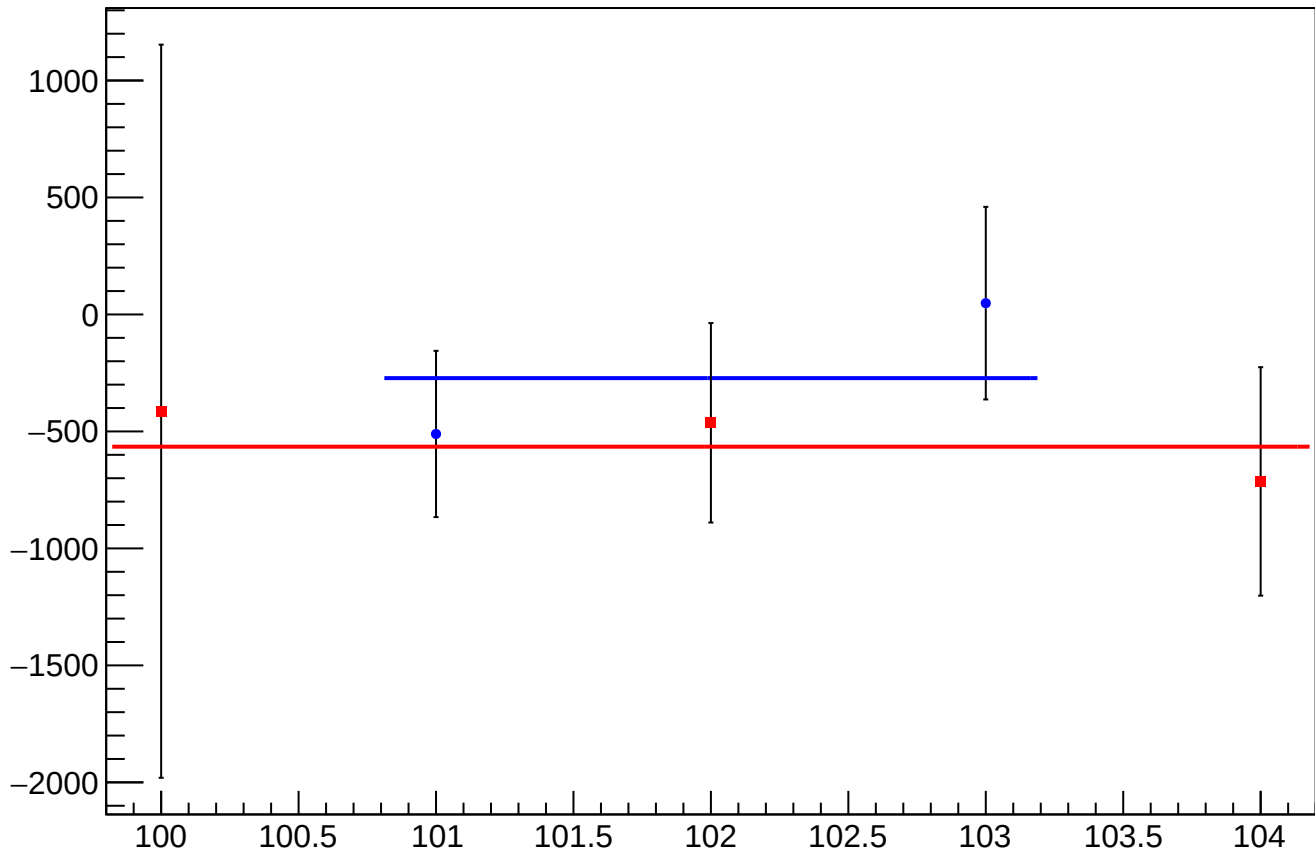
Right: 331.585 ± 0.150 $\chi^2/\text{NDF}: 30145.3/4$

In: 312.627 ± 0.199 $\chi^2/\text{NDF}: 6398.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 331.585 ± 0.150 $\chi^2/\text{NDF}: 30145.3/4$

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -272.147+/-268.964 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -565.107+/-314.602 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

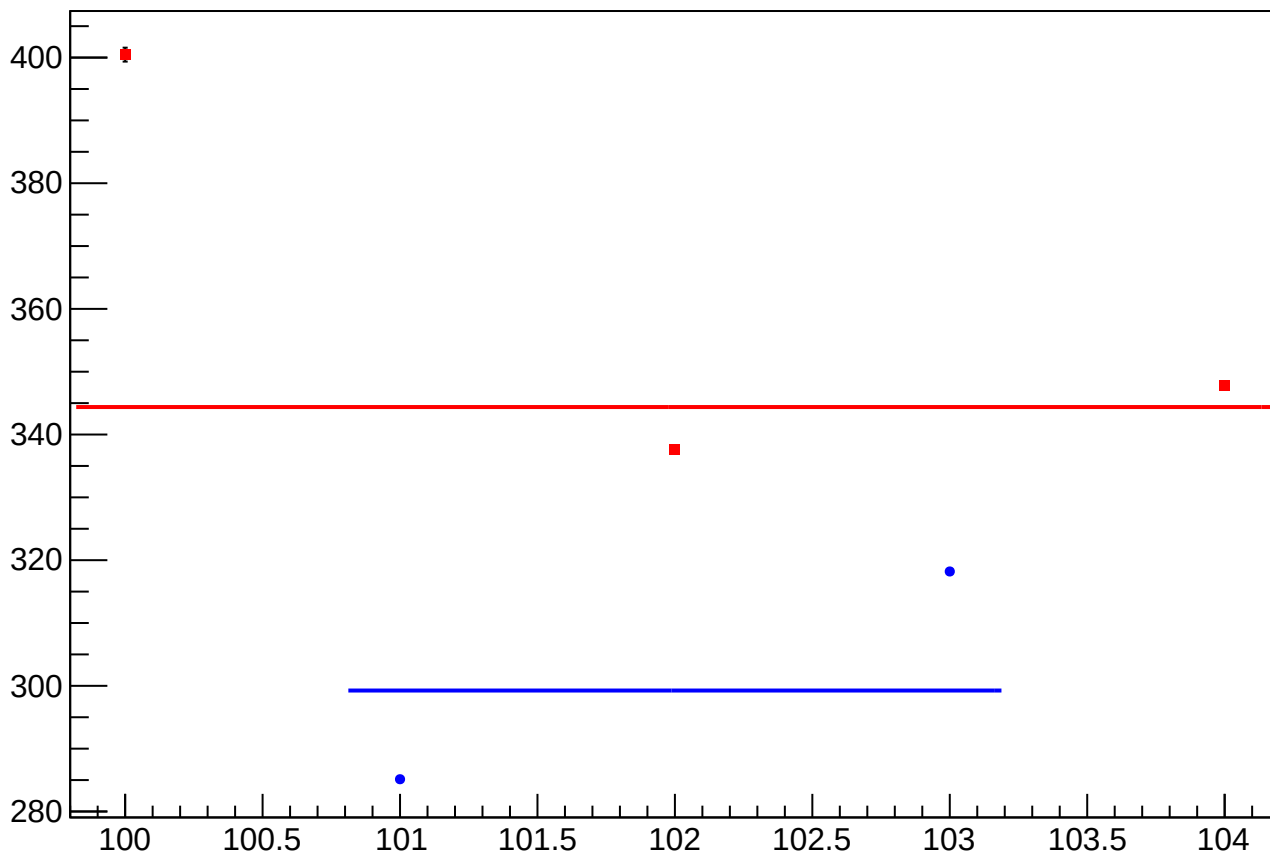
Right: -395.855+/-204.435 χ^2/NDF : 1.7/4

In: -272.147+/-268.964 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.855+/-204.435 χ^2/NDF : 1.7/4

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 299.252 ± 0.190 $\chi^2/\text{NDF}: 7396.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 344.376 ± 0.222 $\chi^2/\text{NDF}: 3163.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

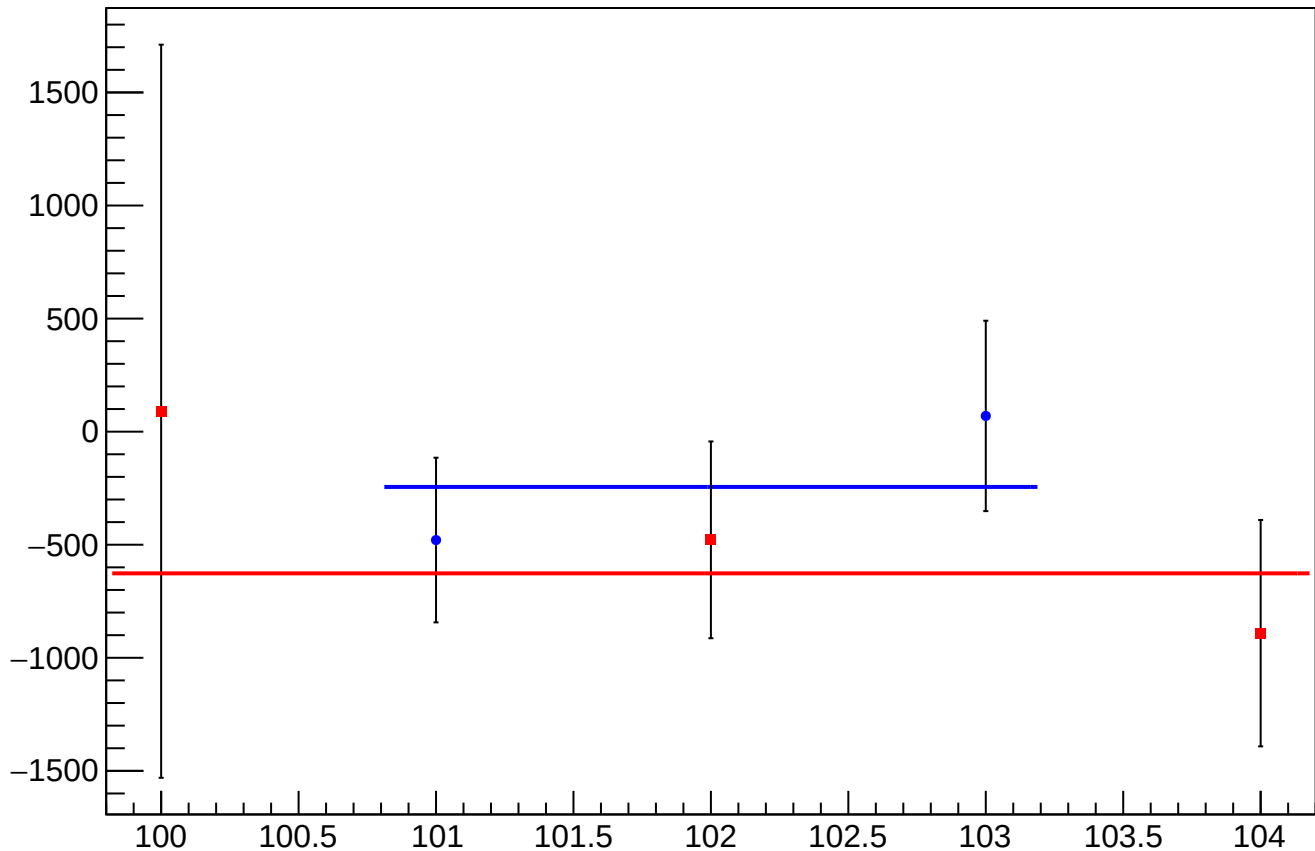
Right: 318.307 ± 0.145 $\chi^2/\text{NDF}: 34330.5/4$

In: 299.252 ± 0.190 $\chi^2/\text{NDF}: 7396.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 318.307 ± 0.145 $\chi^2/\text{NDF}: 34330.5/4$

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -244.414 $\pm$ 275.376 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -626.598 $\pm$ 321.866 χ^2 /NDF: 0.6/2

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

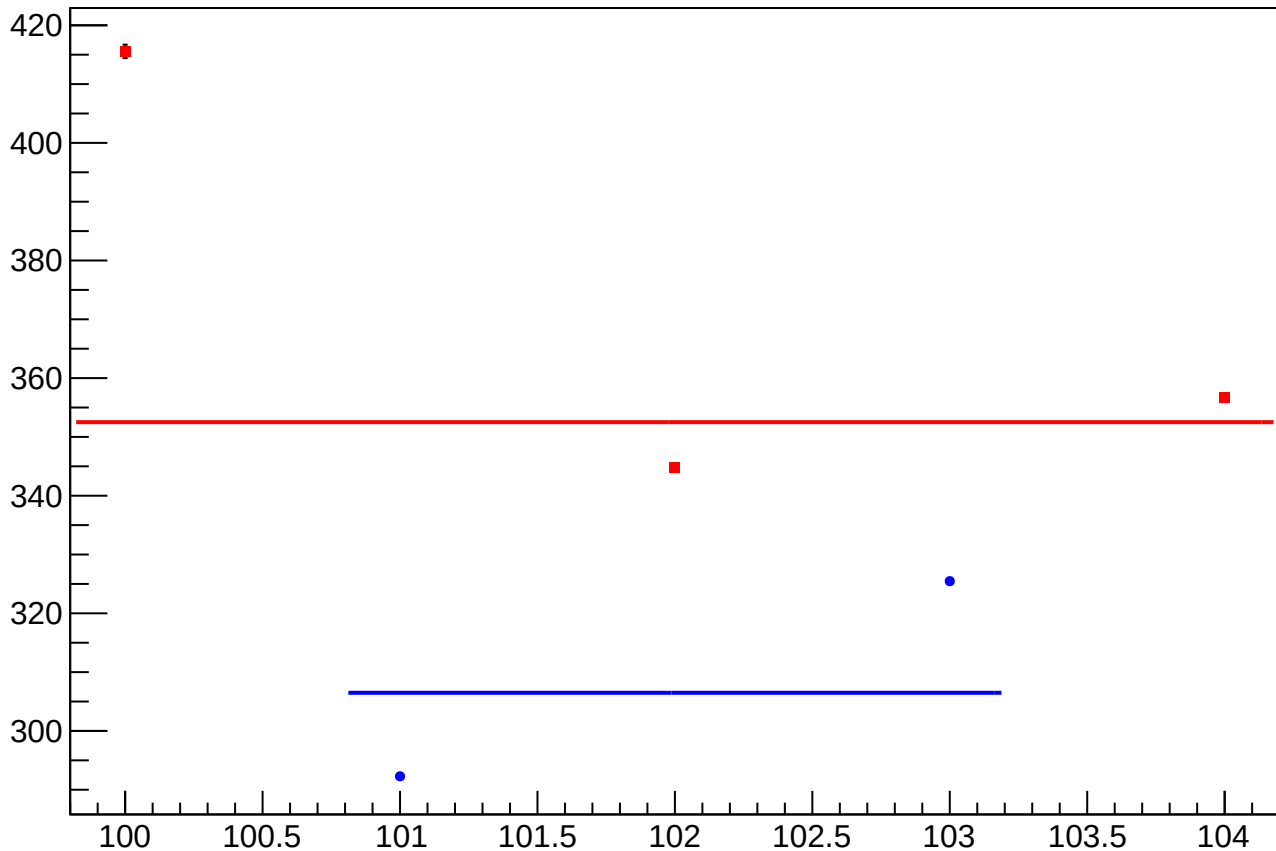
Right: -405.935 $\pm$ 209.244 χ^2 /NDF: 2.4/4

In: -244.414 $\pm$ 275.376 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -405.935 $\pm$ 209.244 χ^2 /NDF: 2.4/4

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: 352.510+/-0.228 χ^2/NDF : 3801.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

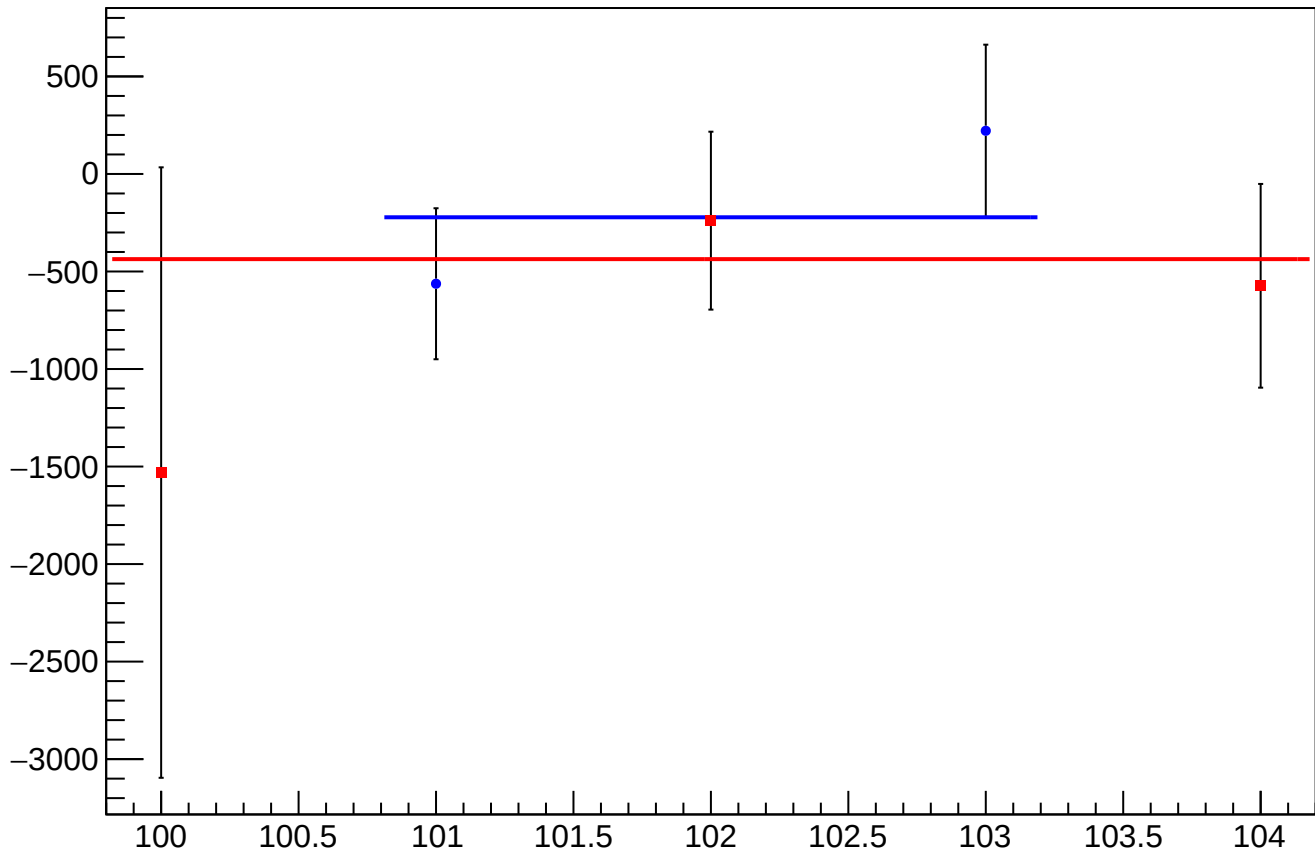
Right: 325.938+/-0.148 χ^2/NDF : 34518.5/4

In: 306.489+/-0.195 χ^2/NDF : 7109.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 325.938+/-0.148 χ^2/NDF : 34518.5/4

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: -436.612+/-335.532 χ^2 /NDF: 0.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

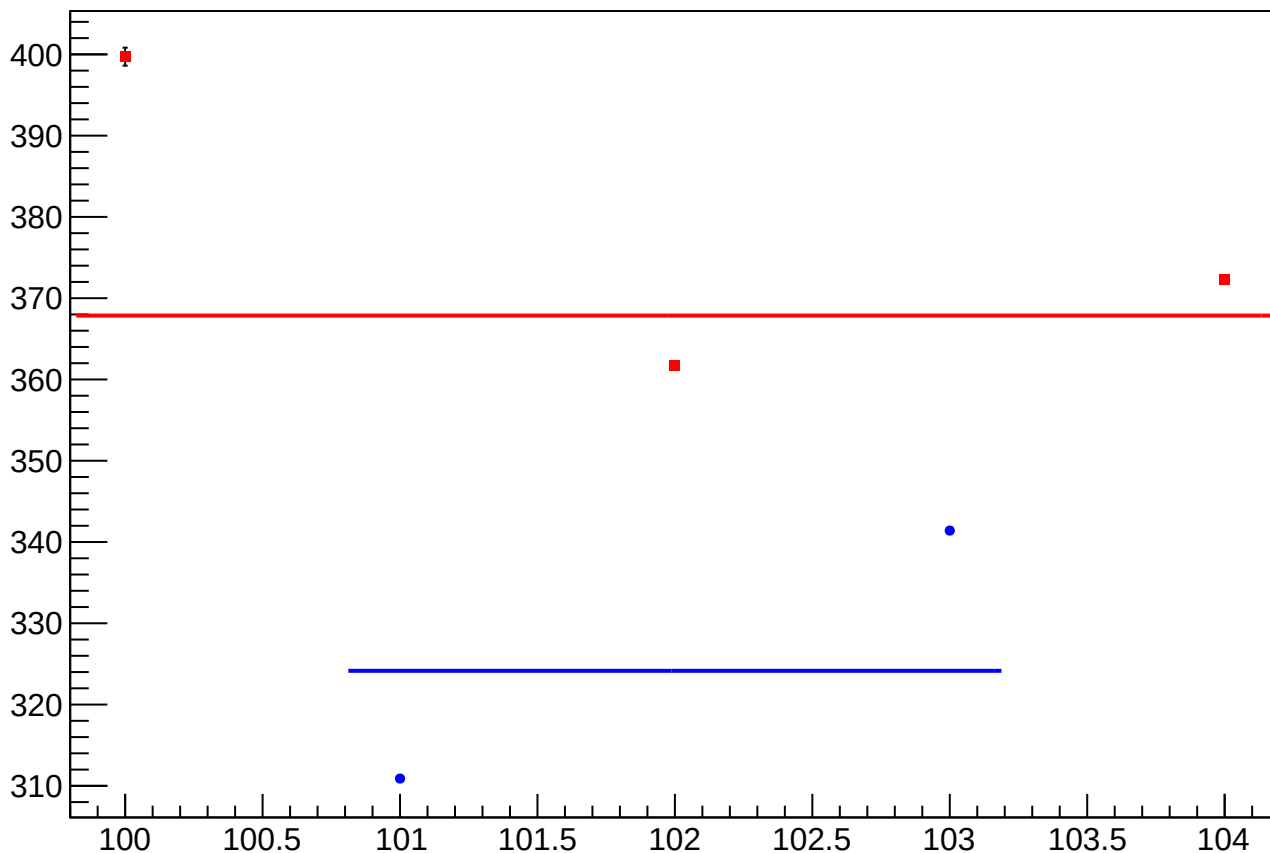
Right: -314.195+/-219.870 χ^2 /NDF: 2.8/4

In: -222.071+/-291.072 χ^2 /NDF:1.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -314.195+/-219.870 χ^2 /NDF: 2.8/4

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 324.154 ± 0.206 $\chi^2/\text{NDF}: 5400.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 367.862 ± 0.237 $\chi^2/\text{NDF}: 1328.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

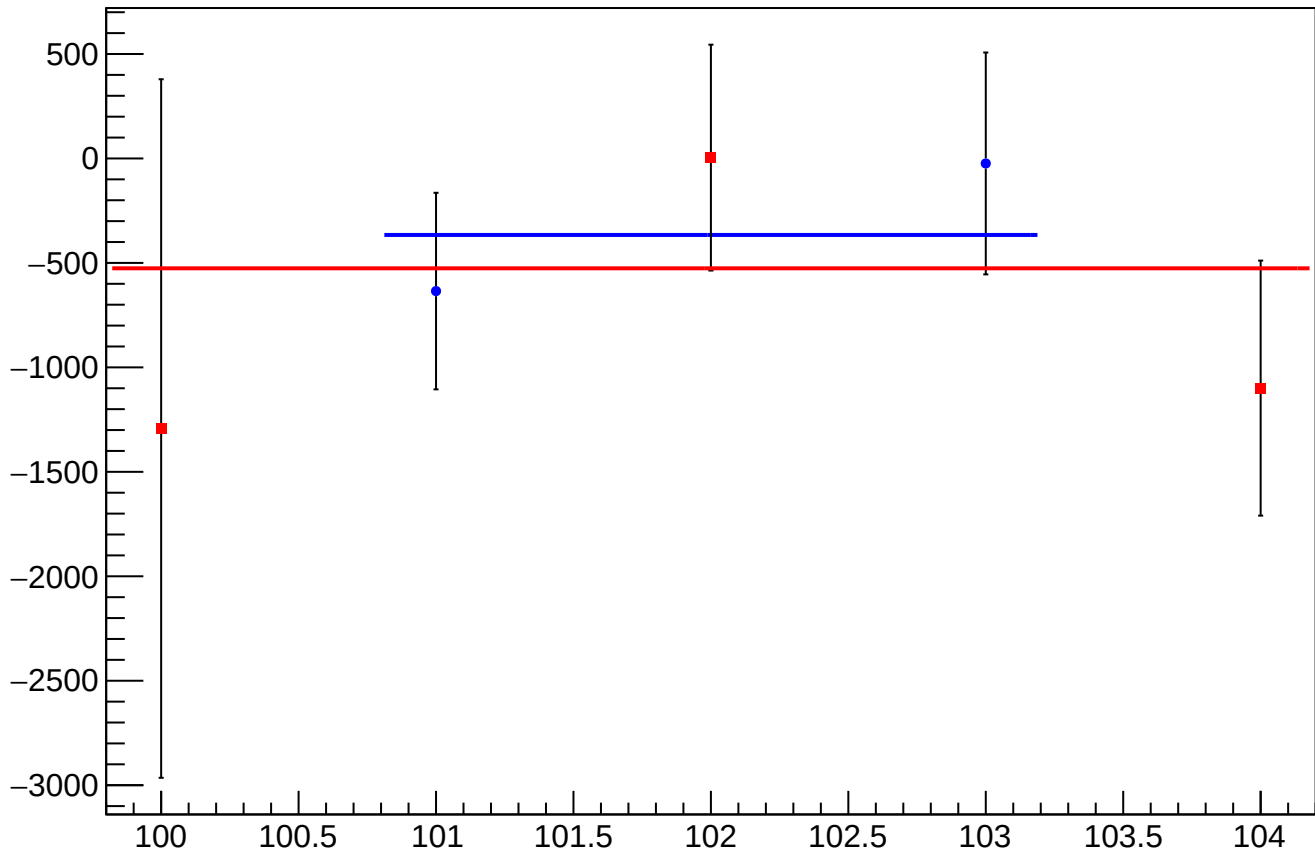
Right: 342.922 ± 0.155 $\chi^2/\text{NDF}: 26092.8/4$

In: 324.154 ± 0.206 $\chi^2/\text{NDF}: 5400.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 342.922 ± 0.155 $\chi^2/\text{NDF}: 26092.8/4$

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: -525.864+/-393.334 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

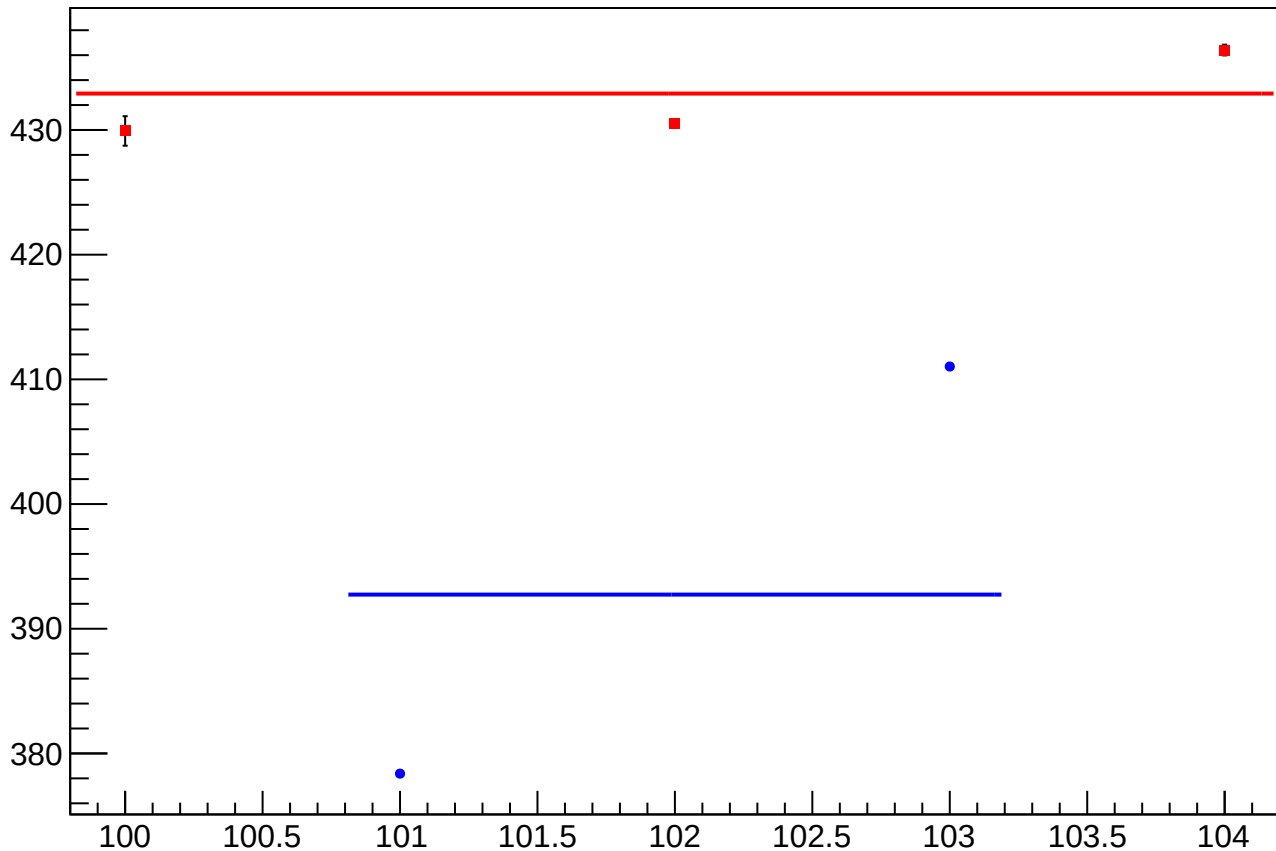
Right: -437.199+/-262.362 χ^2/NDF : 2.9/4

In: -366.131+/-352.144 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.199+/-262.362 χ^2/NDF : 2.9/4

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: 432.920+/-0.278 χ^2/NDF : 112.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

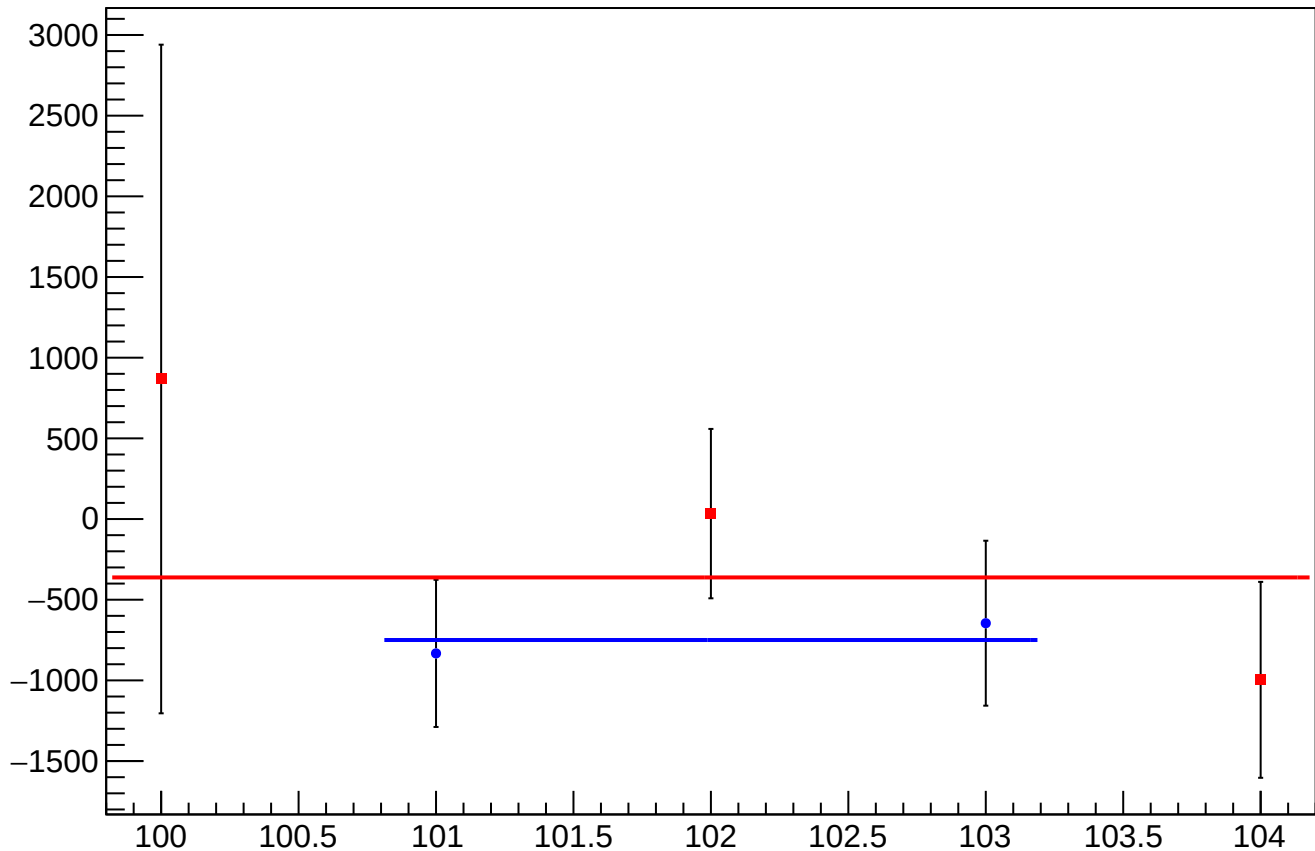
Right: 410.616+/-0.186 χ^2/NDF : 15933.8/4

In: 392.739+/-0.249 χ^2/NDF : 4236.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.616+/-0.186 χ^2/NDF : 15933.8/4

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -749.758 ± 340.305 $\chi^2/\text{NDF}: 0.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -361.898 ± 389.981 $\chi^2/\text{NDF}: 2.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

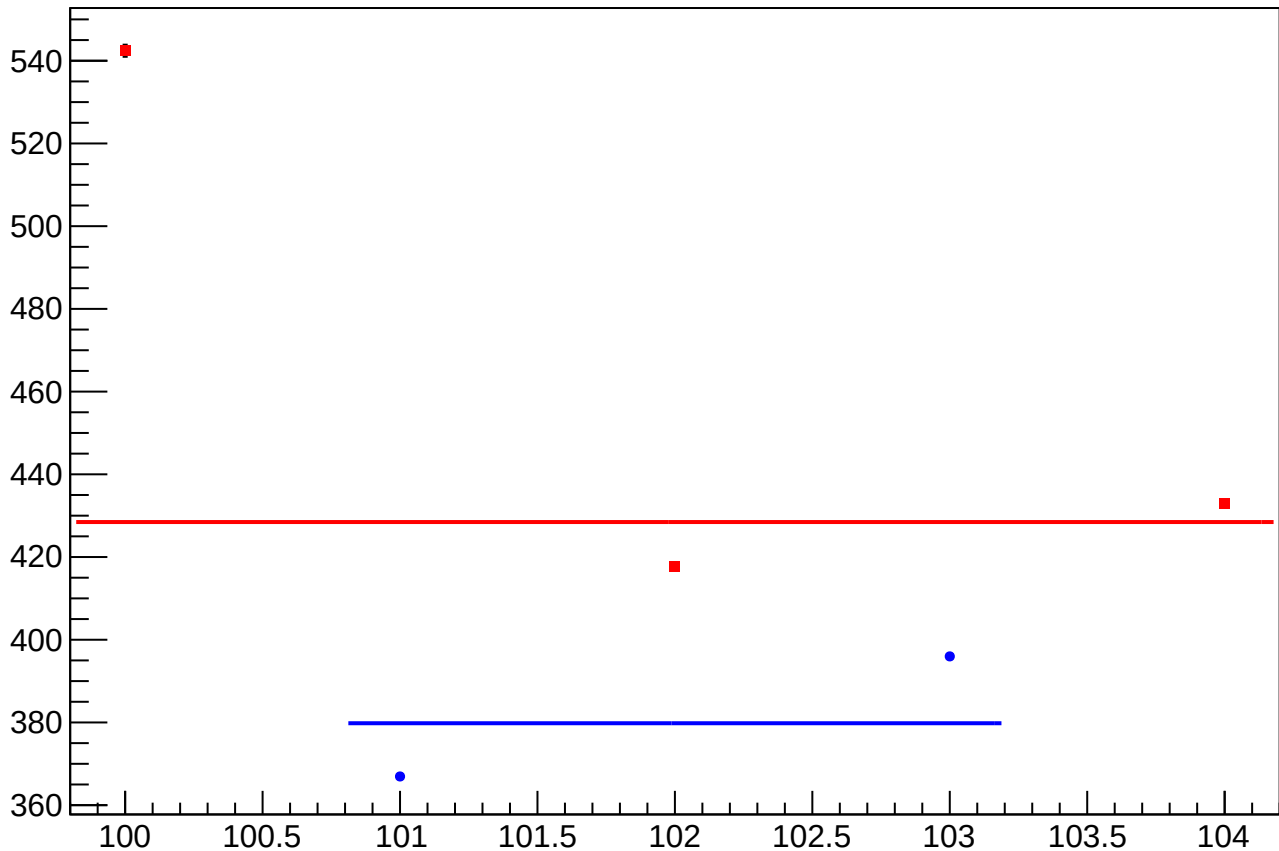
Right: -582.089 ± 256.408 $\chi^2/\text{NDF}: 2.6/4$

In: -749.758 ± 340.305 $\chi^2/\text{NDF}: 0.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -582.089 ± 256.408 $\chi^2/\text{NDF}: 2.6/4$

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 379.810 $\pm$ 0.241 χ^2 /NDF: 3592.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 428.460 $\pm$ 0.276 χ^2 /NDF: 6981.7/2

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

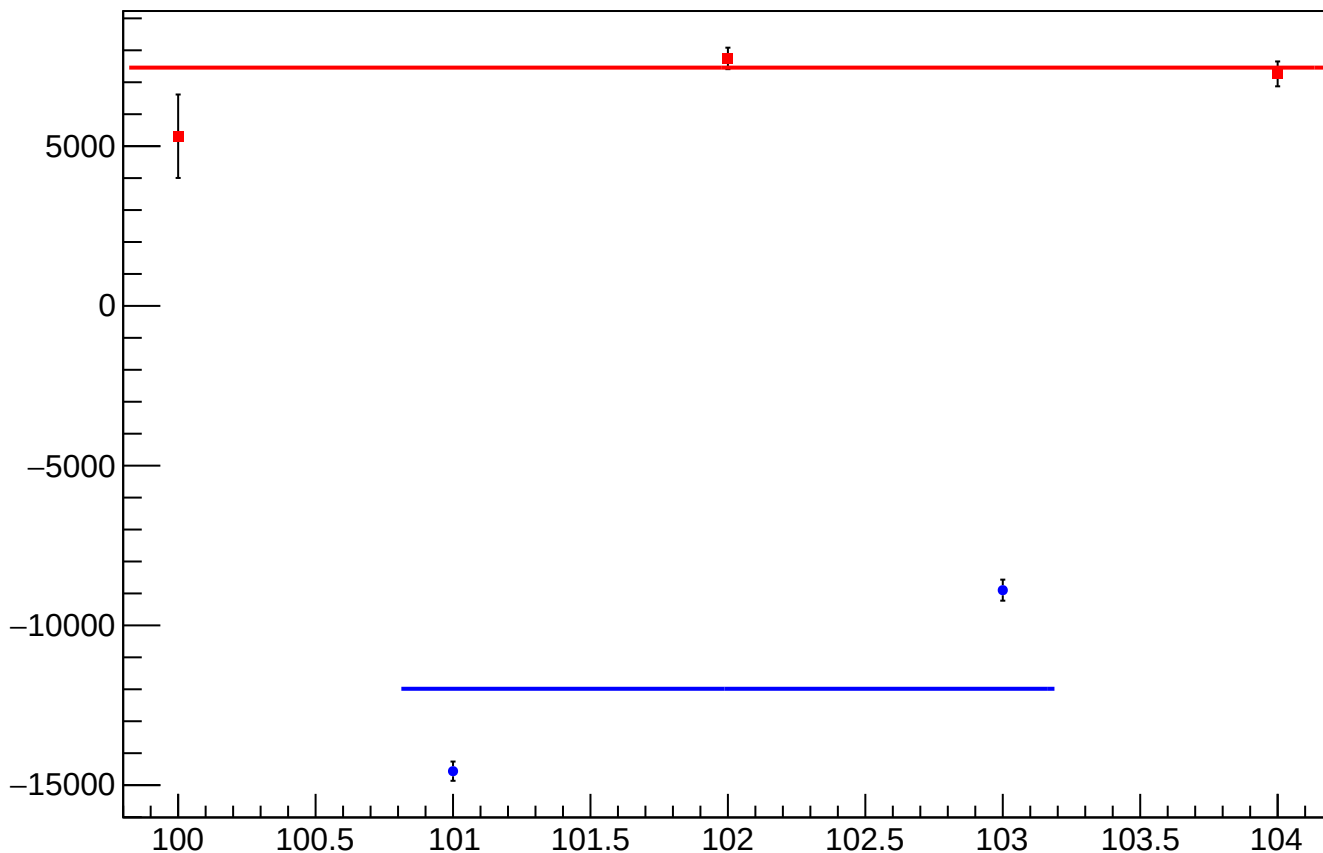
Right: 400.841 $\pm$ 0.181 χ^2 /NDF: 28244.5/4

In: 379.810 $\pm$ 0.241 χ^2 /NDF:3592.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 400.841 $\pm$ 0.181 χ^2 /NDF: 28244.5/4

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: 7458.189+/-249.714 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

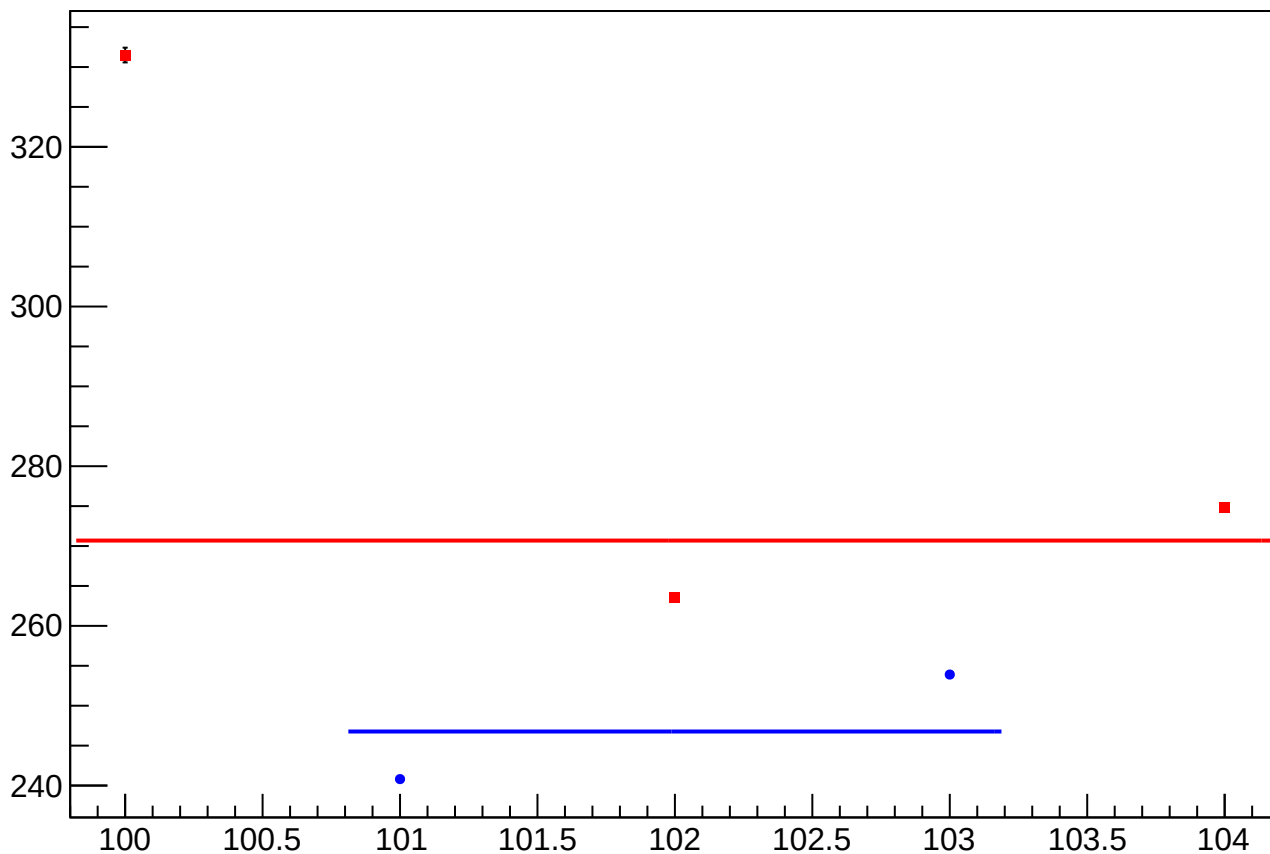
Right: -3389.725+/-166.025 χ^2/NDF : 3547.1/4

In: -11983.984+/-222.266 χ^2/NDF : 161.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3389.725+/-166.025 χ^2/NDF : 3547.1/4

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 246.769+/-0.157 χ^2/NDF : 1721.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 270.685+/-0.177 χ^2/NDF : 5451.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

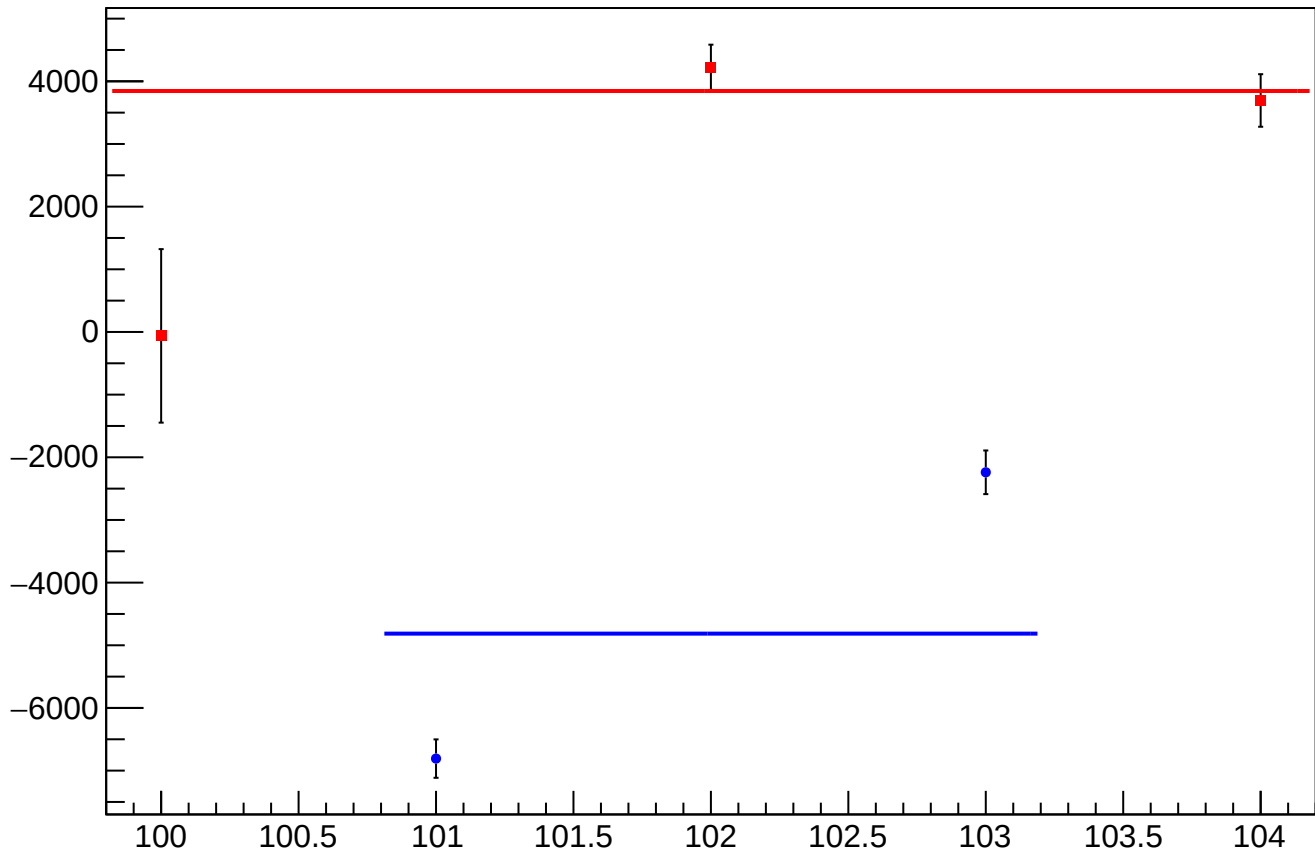
Right: 257.341+/-0.117 χ^2/NDF : 17409.2/4

In: 246.769+/-0.157 χ^2/NDF : 1721.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.341+/-0.117 χ^2/NDF : 17409.2/4

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -4813.875 ± 230.103 $\chi^2/\text{NDF}: 97.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3845.394 ± 268.441 $\chi^2/\text{NDF}: 9.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

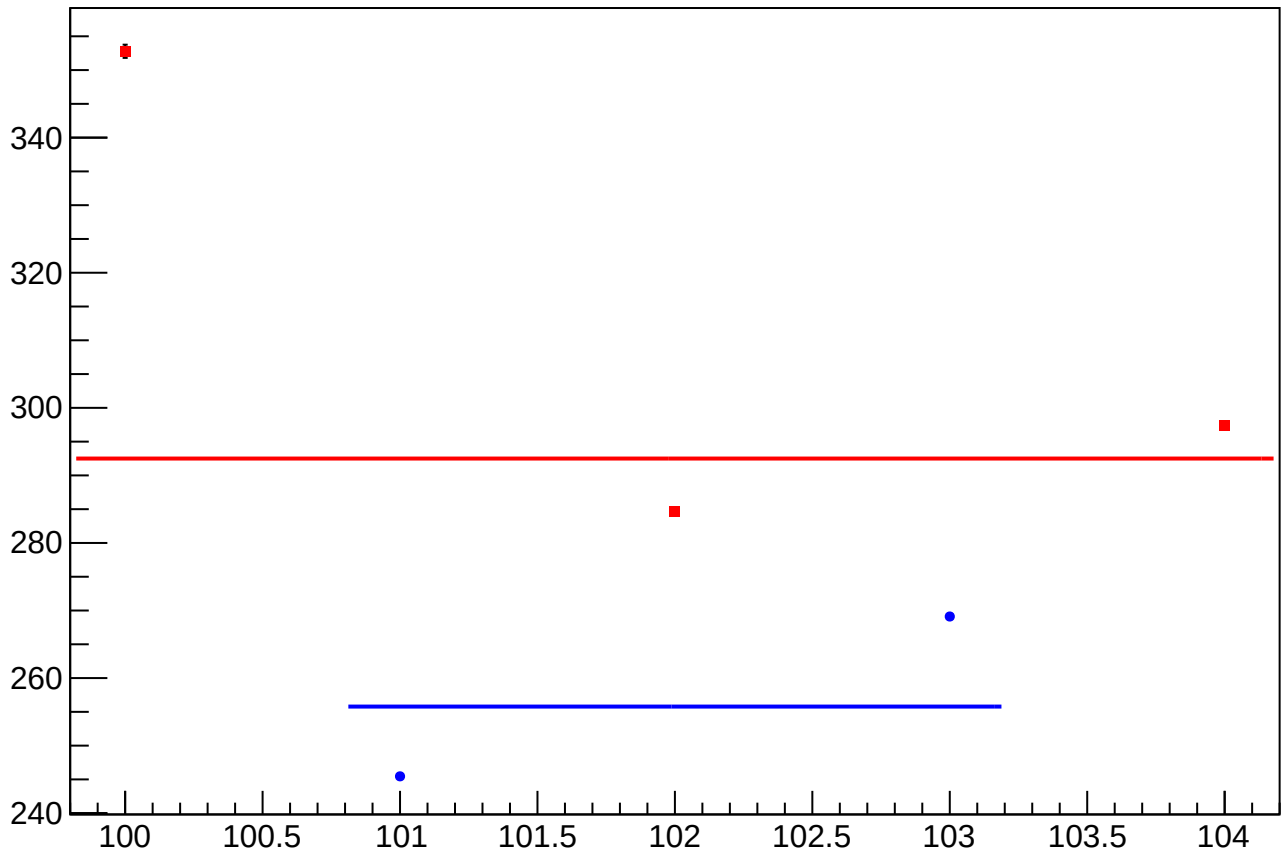
Right: -1146.214 ± 174.704 $\chi^2/\text{NDF}: 706.0/4$

In: -4813.875 ± 230.103 $\chi^2/\text{NDF}: 97.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1146.214 ± 174.704 $\chi^2/\text{NDF}: 706.0/4$

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: 292.496+/-0.190 χ^2/NDF : 4997.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

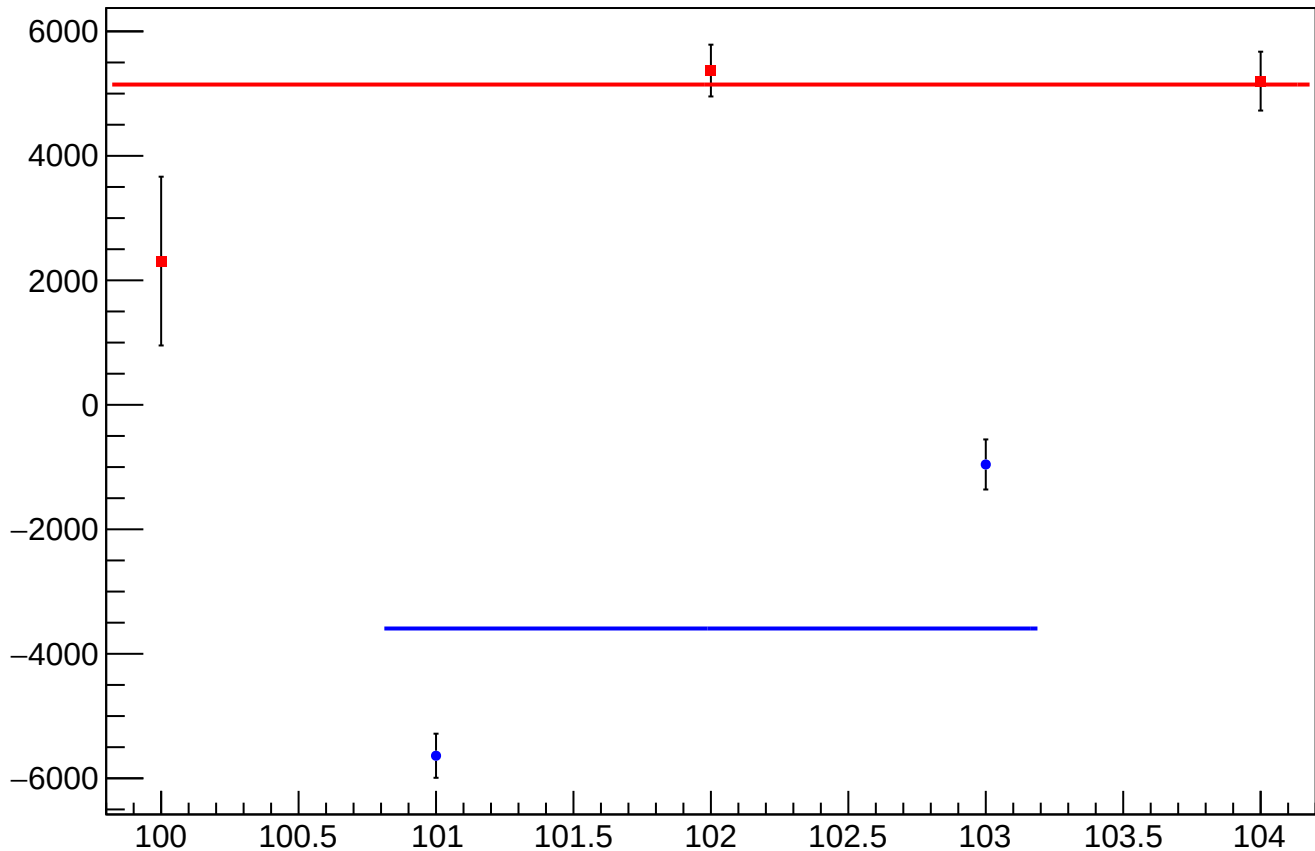
Right: 271.332+/-0.124 χ^2/NDF : 31763.9/4

In: 255.781+/-0.163 χ^2/NDF : 5200.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.332+/-0.124 χ^2/NDF : 31763.9/4

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: 5145.557+/-304.389 χ^2/NDF : 4.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

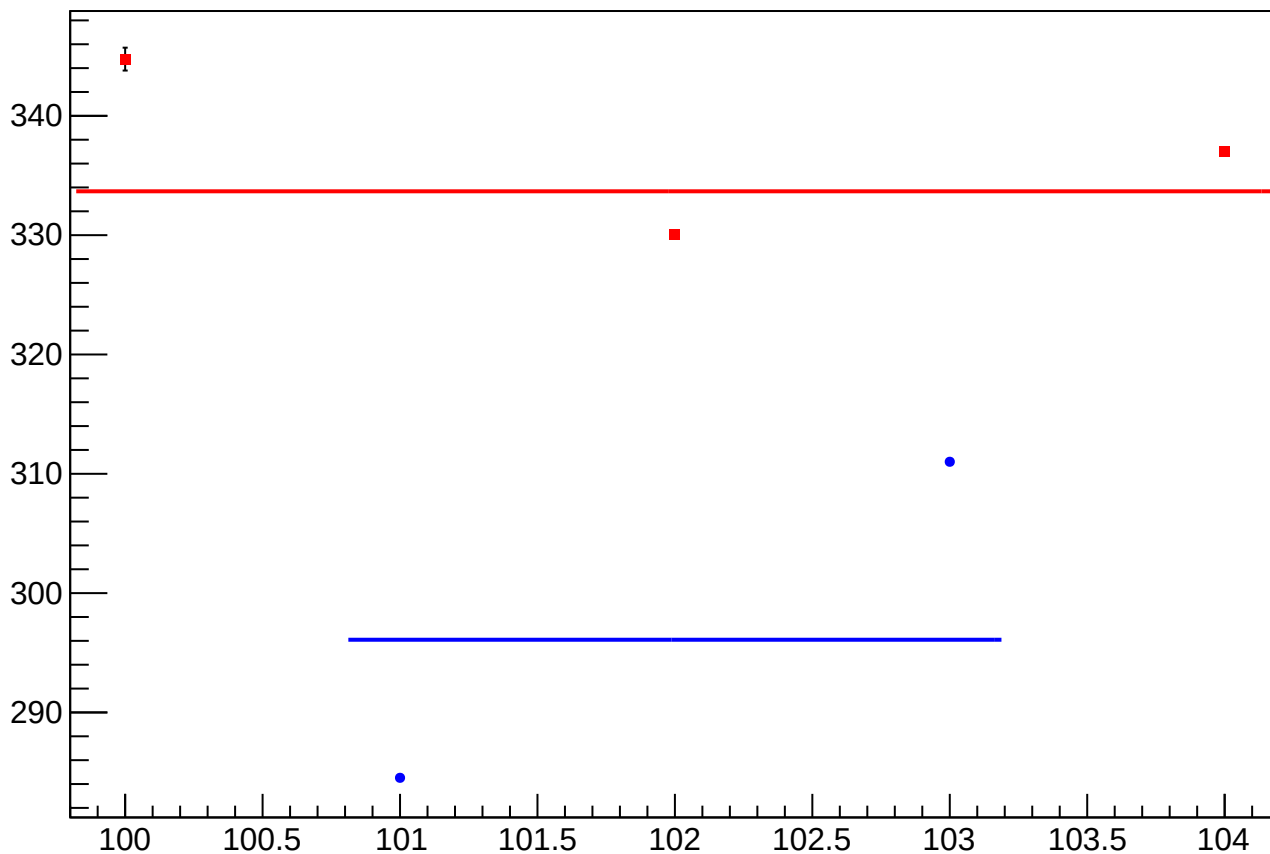
Right: 188.269+/-200.235 χ^2/NDF : 548.5/4

In: -3593.359+/-265.856 χ^2/NDF : 76.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.269+/-200.235 χ^2/NDF : 548.5/4

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: 333.676+/-0.215 χ^2/NDF : 386.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

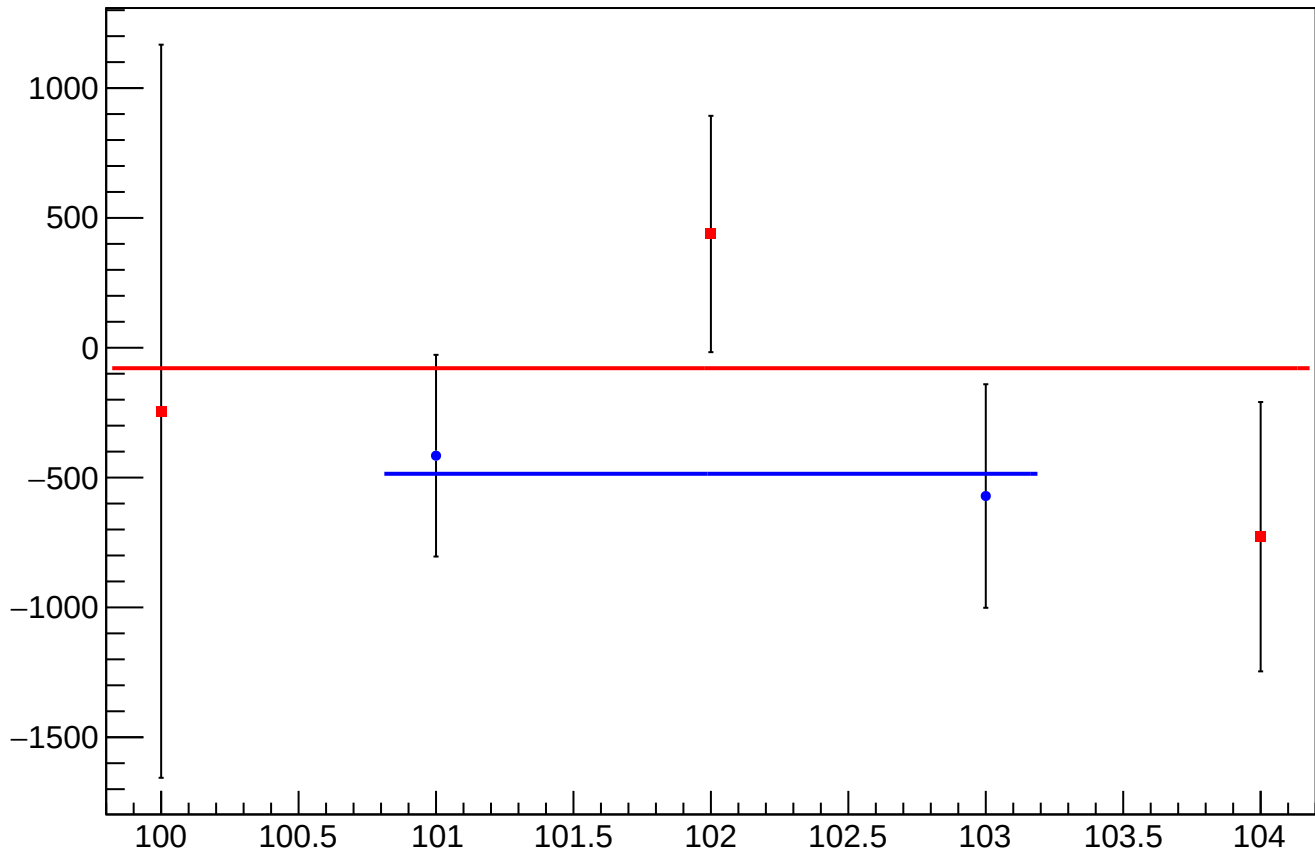
Right: 312.356+/-0.142 χ^2/NDF : 22566.5/4

In: 296.093+/-0.188 χ^2/NDF : 4883.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.356+/-0.142 χ^2/NDF : 22566.5/4

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: -78.745 $\pm$ 332.433 χ^2 /NDF: 2.9/2

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

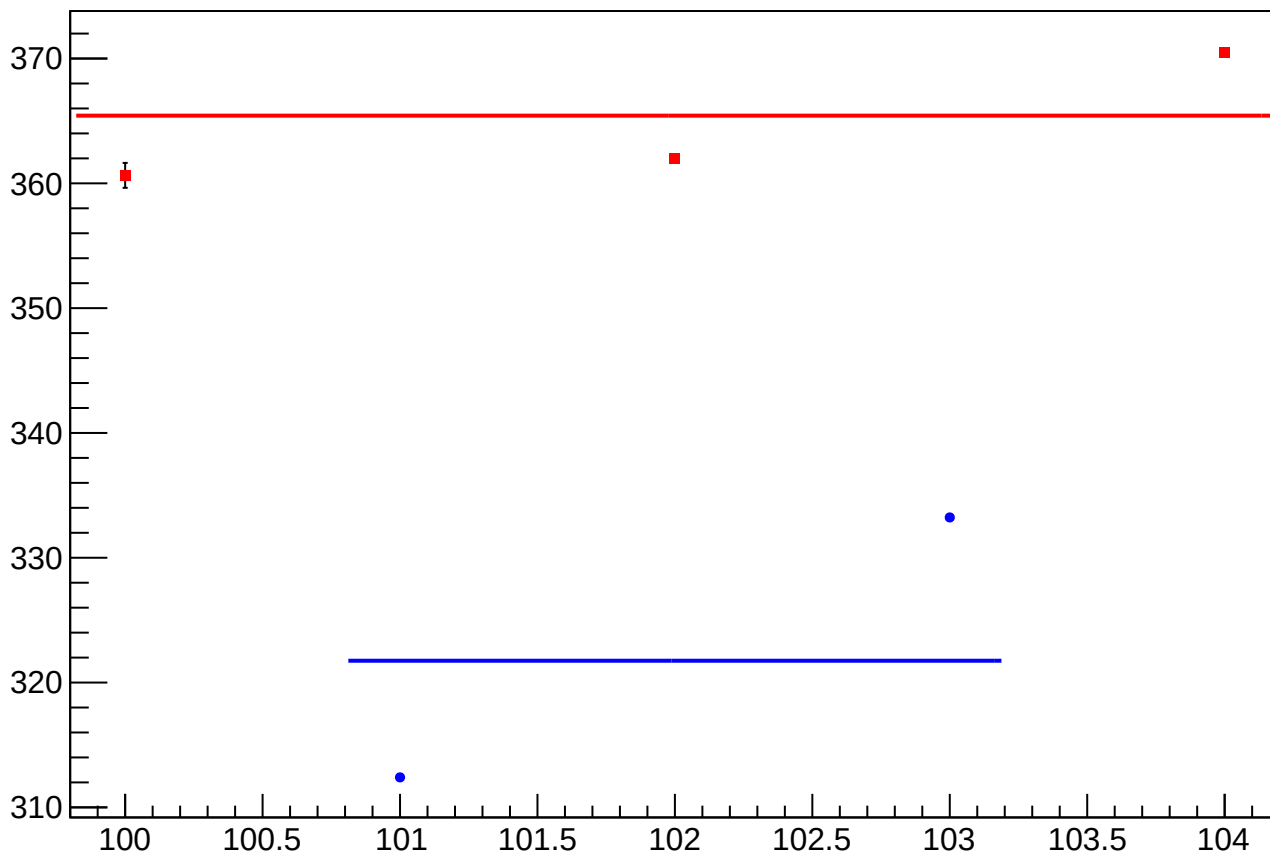
Right: -310.784 $\pm$ 217.836 χ^2 /NDF: 3.8/4

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: -310.784 $\pm$ 217.836 χ^2 /NDF: 3.8/4

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: 365.424+/-0.235 χ^2/NDF : 327.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

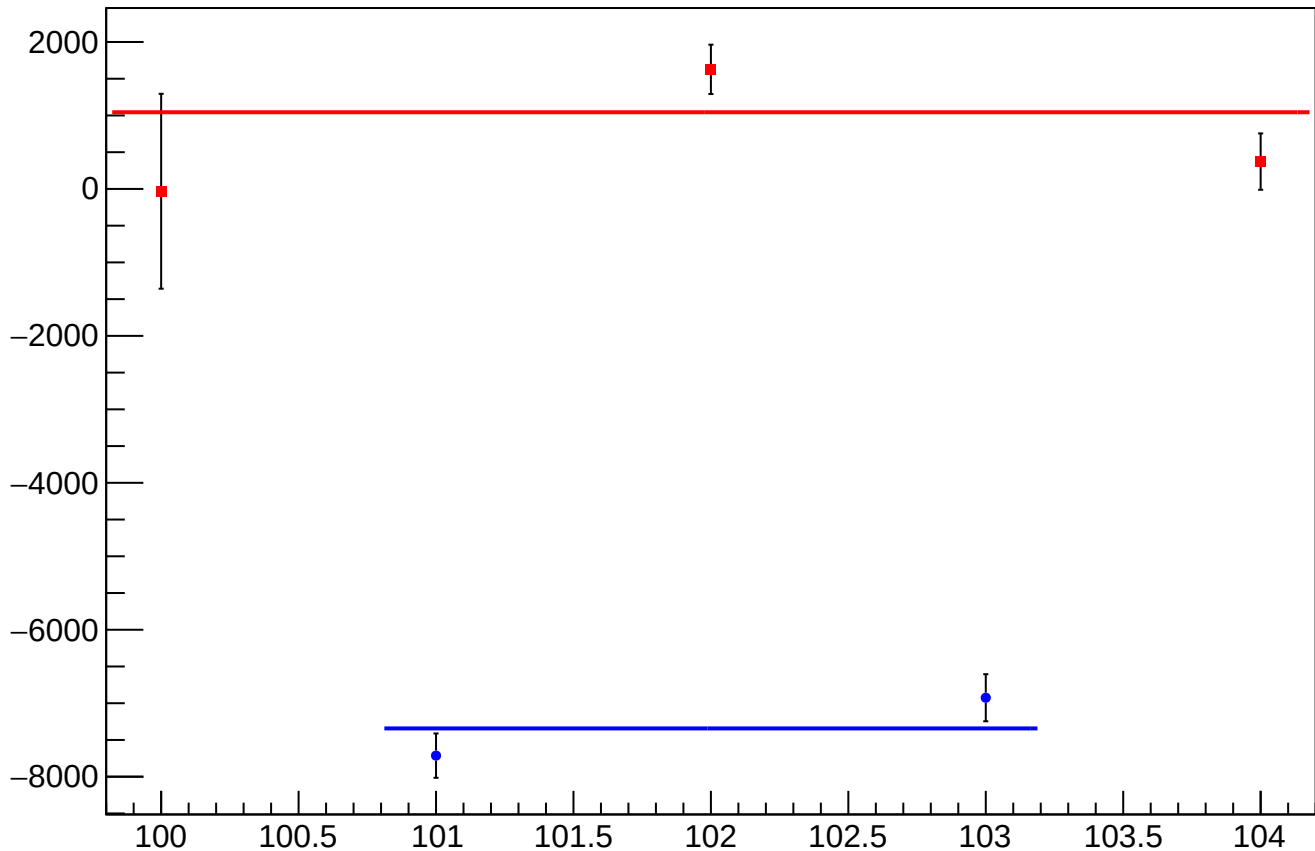
Right: 340.503+/-0.154 χ^2/NDF : 22606.3/4

In: 321.749+/-0.204 χ^2/NDF : 2580.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 340.503+/-0.154 χ^2/NDF : 22606.3/4

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7342.948 $\pm$ 219.717 χ^2 /NDF: 3.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1043.708 $\pm$ 248.249 χ^2 /NDF: 6.7/2

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

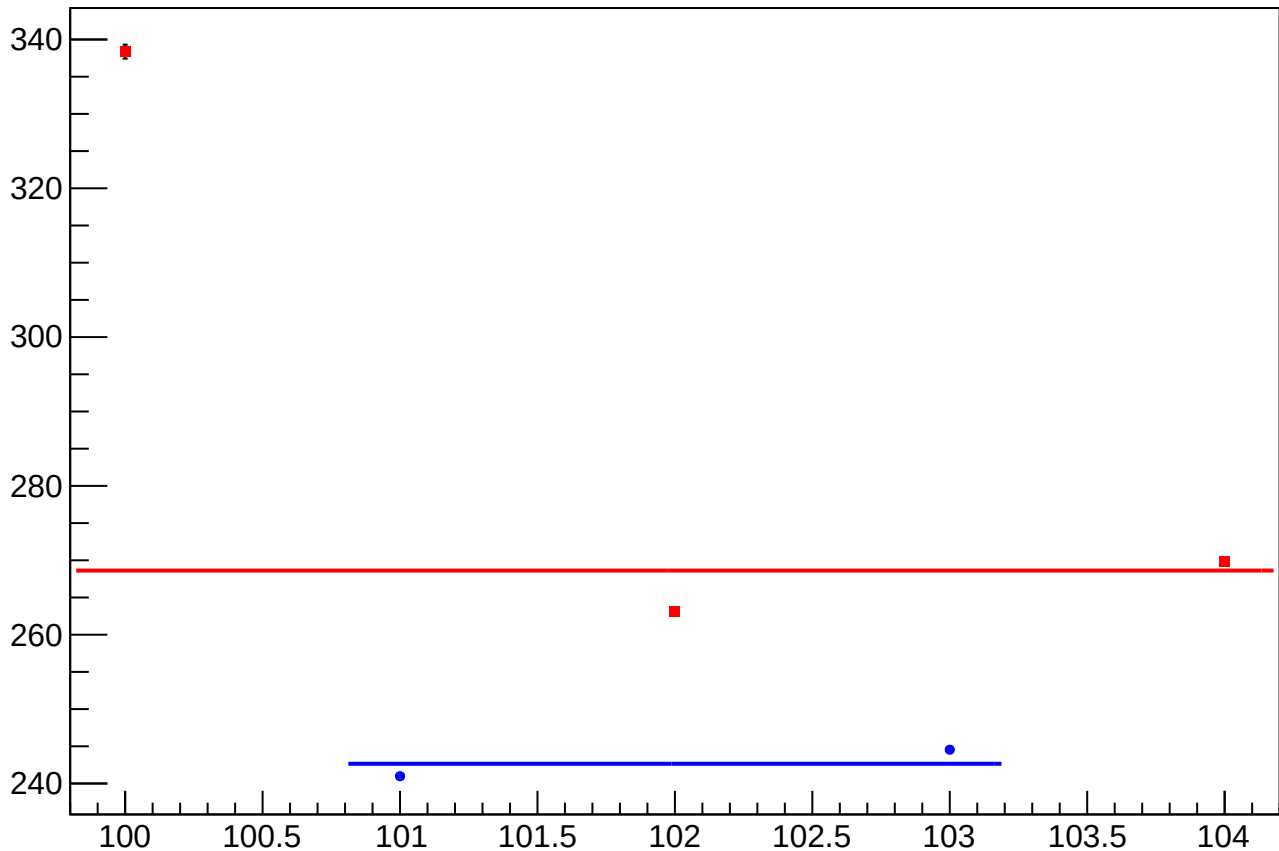
Right: -3659.057 $\pm$ 164.530 χ^2 /NDF: 649.9/4

In: -7342.948 $\pm$ 219.717 χ^2 /NDF:3.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3659.057 $\pm$ 164.530 χ^2 /NDF: 649.9/4

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: 268.619 $\pm$ 0.176 χ^2 /NDF: 6079.2/2

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

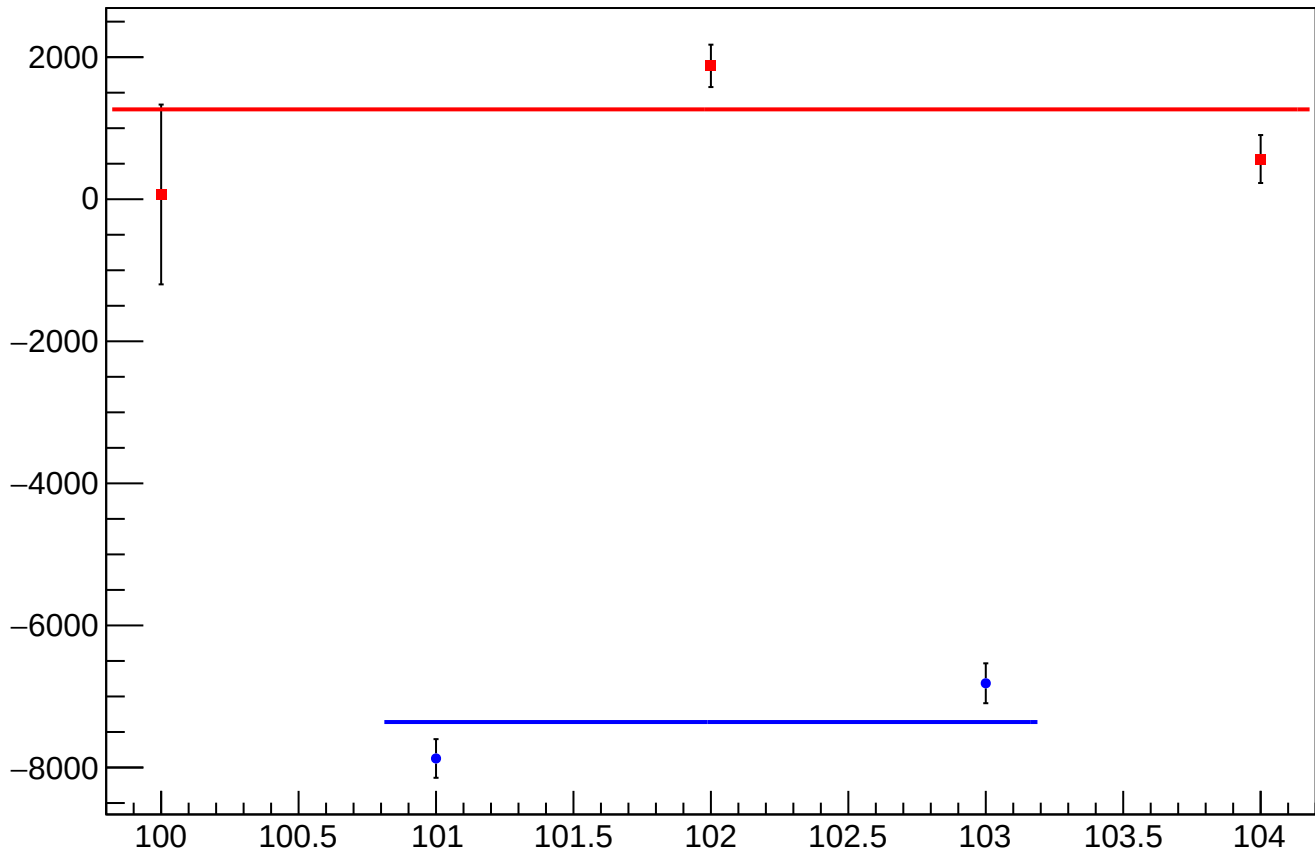
Right: 254.058 $\pm$ 0.116 χ^2 /NDF: 18480.7/4

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: 254.058 $\pm$ 0.116 χ^2 /NDF: 18480.7/4

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: 1264.937 $\pm$ 220.189 χ^2 /NDF: 9.4/2

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

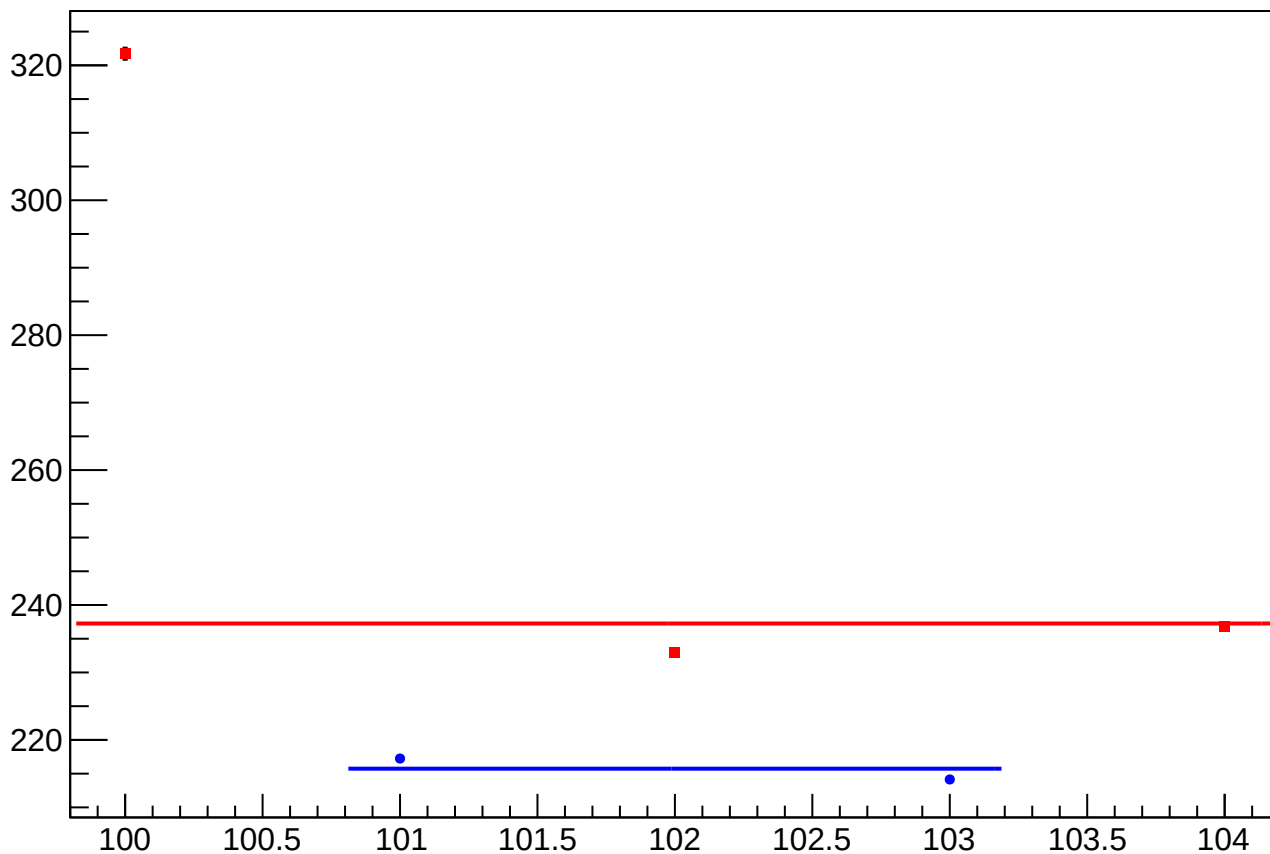
Right: -3559.556 $\pm$ 146.161 χ^2 /NDF: 875.0/4

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: -3559.556 $\pm$ 146.161 χ^2 /NDF: 875.0/4

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: 237.257 $\pm$ 0.156 χ^2 /NDF: 9336.4/2

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

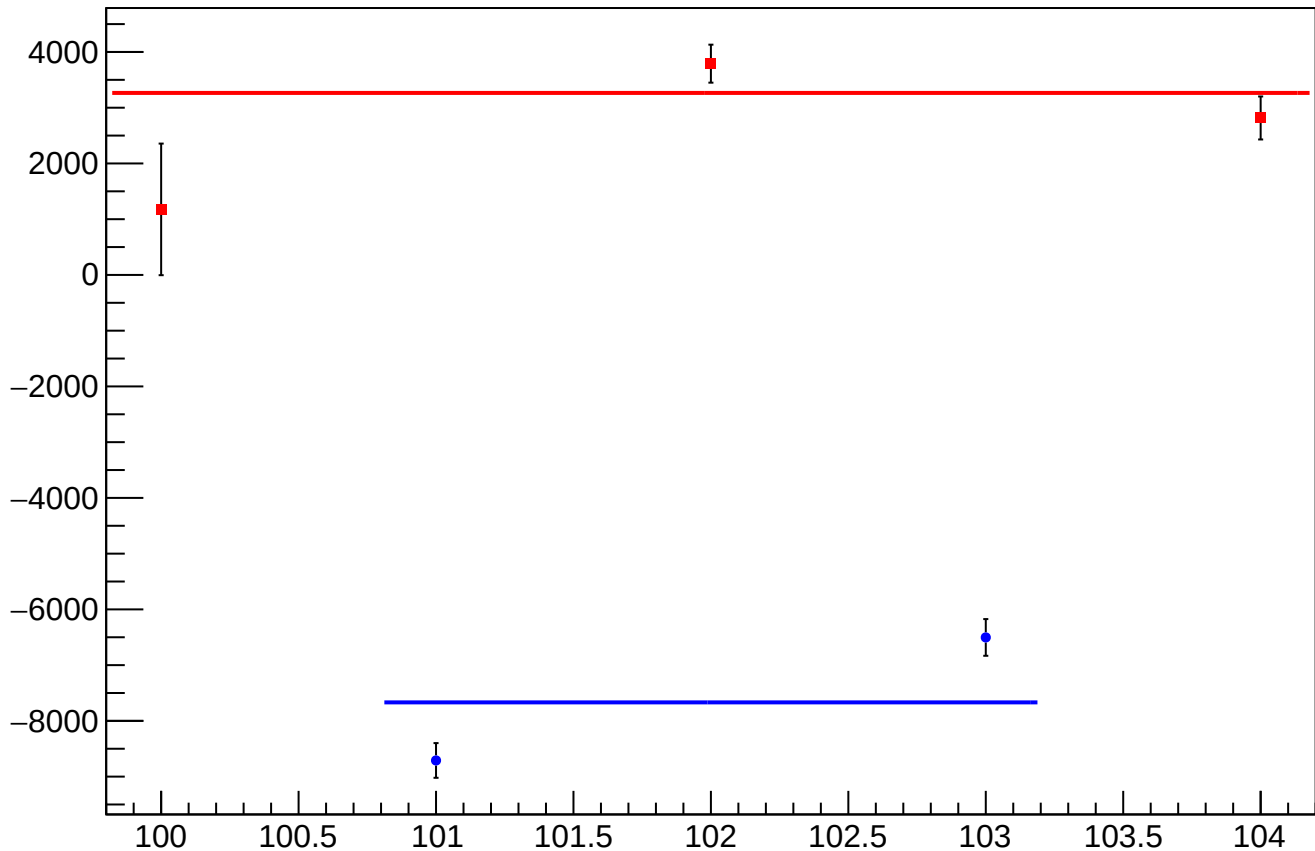
Right: 225.219 $\pm$ 0.103 χ^2 /NDF: 20149.1/4

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: 225.219 $\pm$ 0.103 χ^2 /NDF: 20149.1/4

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: 3265.260+/-249.574 χ^2/NDF : 6.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

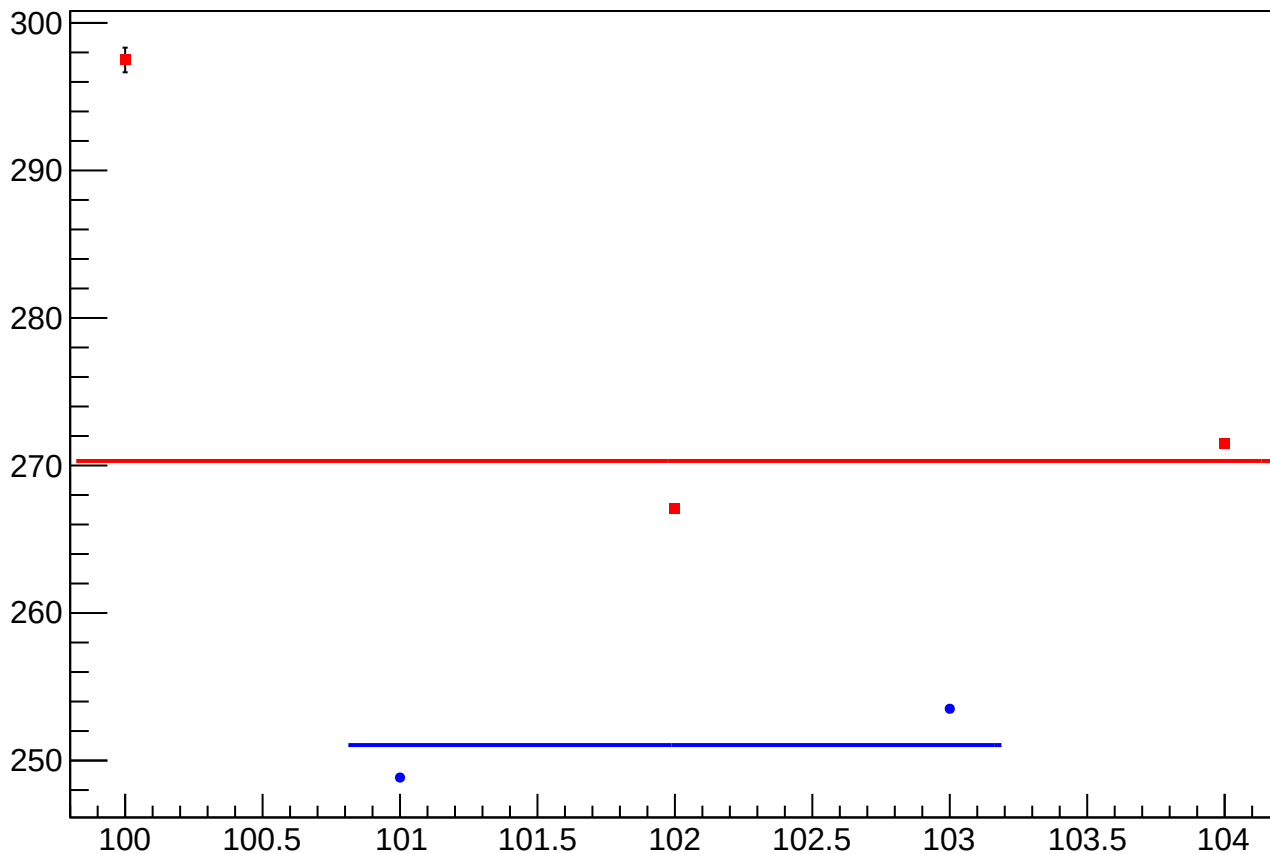
Right: -2737.049+/-167.609 χ^2/NDF : 1084.2/4

In: -7668.339+/-226.215 χ^2/NDF : 23.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2737.049+/-167.609 χ^2/NDF : 1084.2/4

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 251.047 $\pm$ 0.160 χ^2 /NDF: 211.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 270.308 $\pm$ 0.176 χ^2 /NDF: 1257.8/2

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

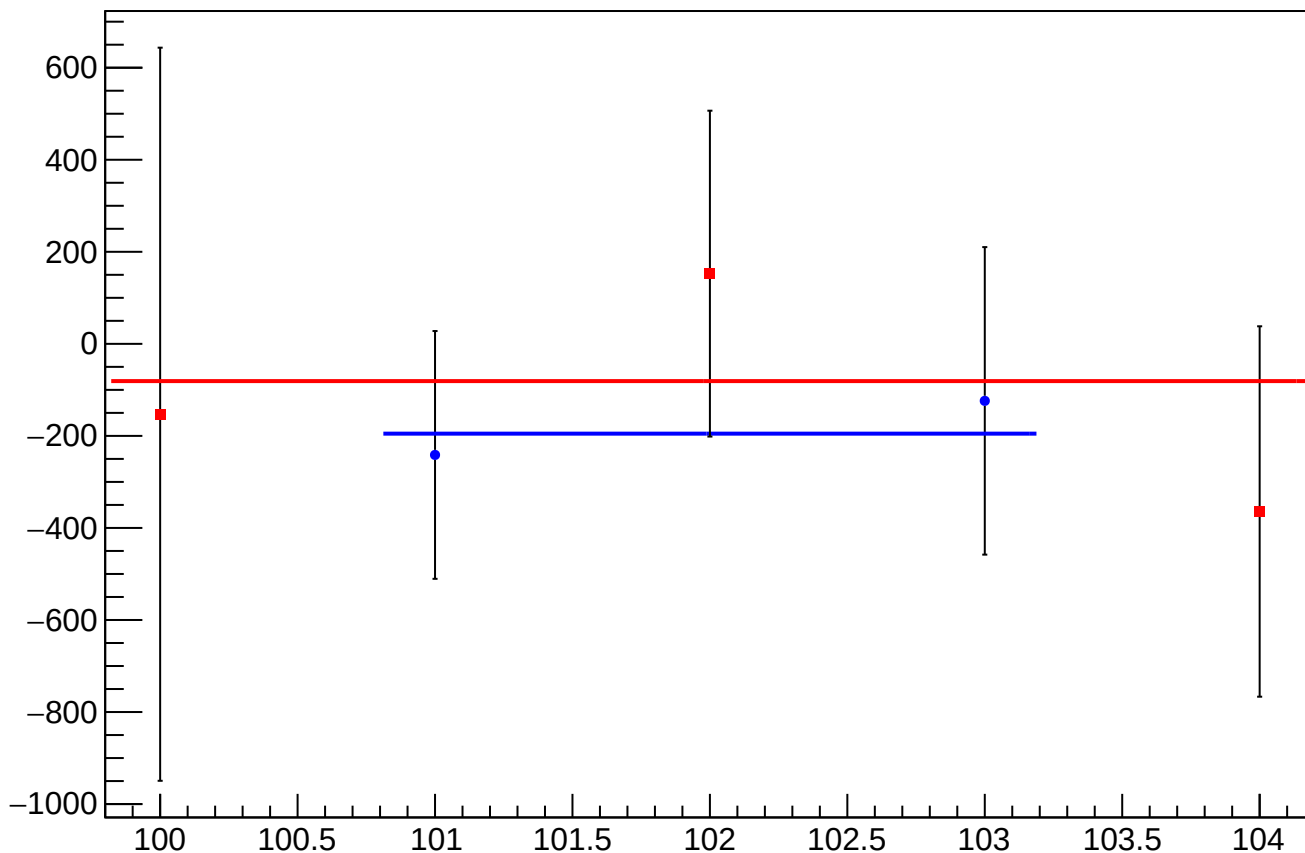
Right: 259.734 $\pm$ 0.119 χ^2 /NDF: 8008.5/4

In: 251.047 $\pm$ 0.160 χ^2 /NDF: 211.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.734 $\pm$ 0.119 χ^2 /NDF: 8008.5/4

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: -80.937 $\pm$ 252.139 χ^2 /NDF: 0.9/2

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

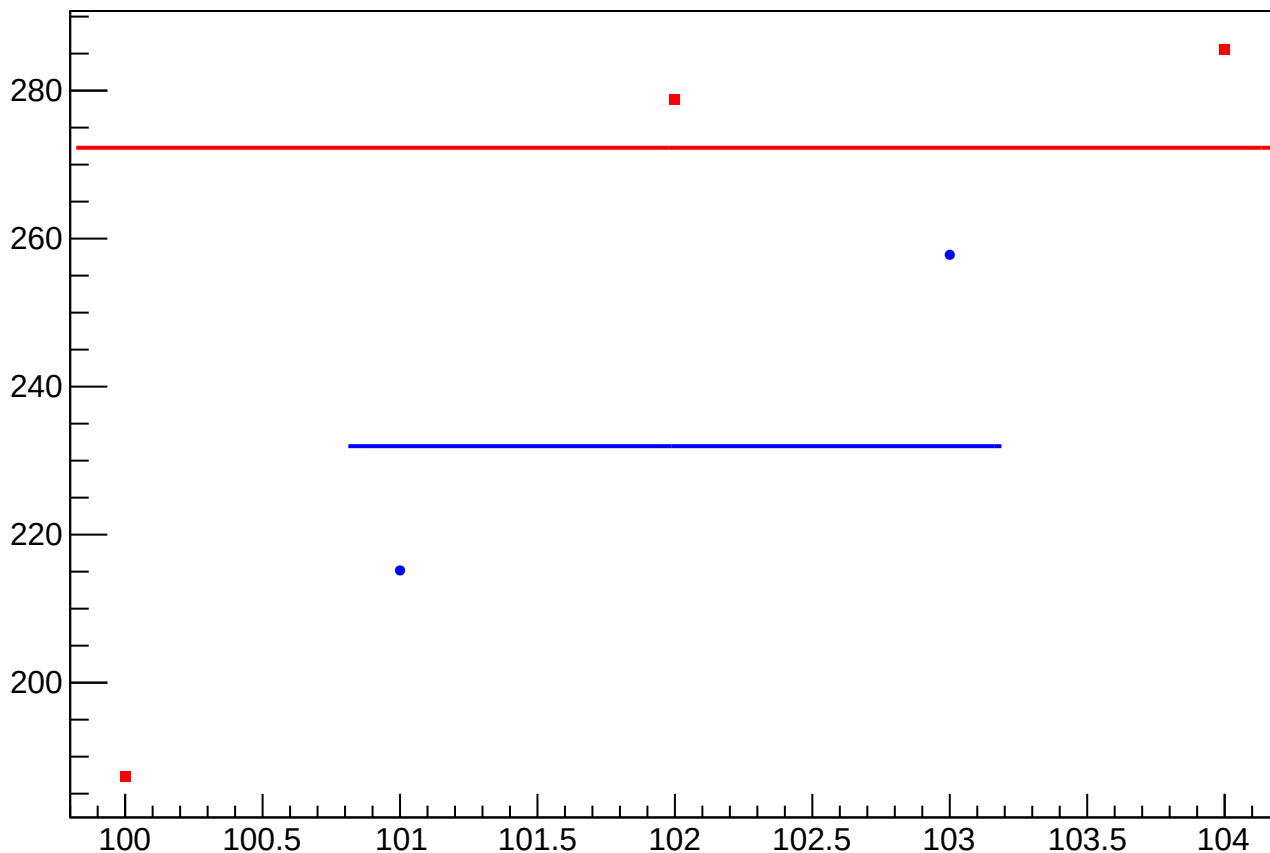
Right: -148.451 $\pm$ 161.194 χ^2 /NDF: 1.1/4

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: -148.451 $\pm$ 161.194 χ^2 /NDF: 1.1/4

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 231.953+/-0.148 χ^2/NDF : 19760.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.276+/-0.178 χ^2/NDF : 25611.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

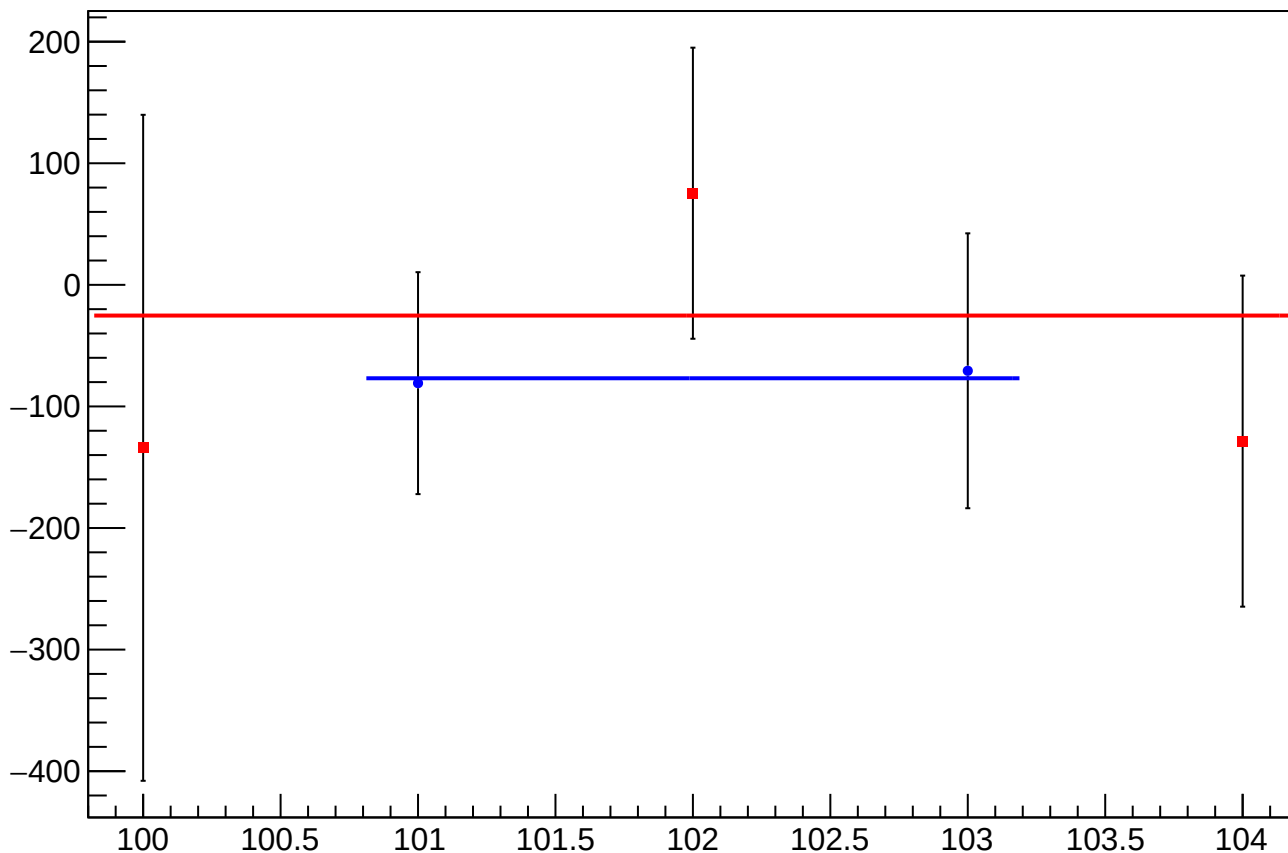
Right: 248.433+/-0.114 χ^2/NDF : 75618.2/4

In: 231.953+/-0.148 χ^2/NDF : 19760.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.433+/-0.114 χ^2/NDF : 75618.2/4

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: -25.260 $\pm$ 85.414 χ^2 /NDF: 1.4/2

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

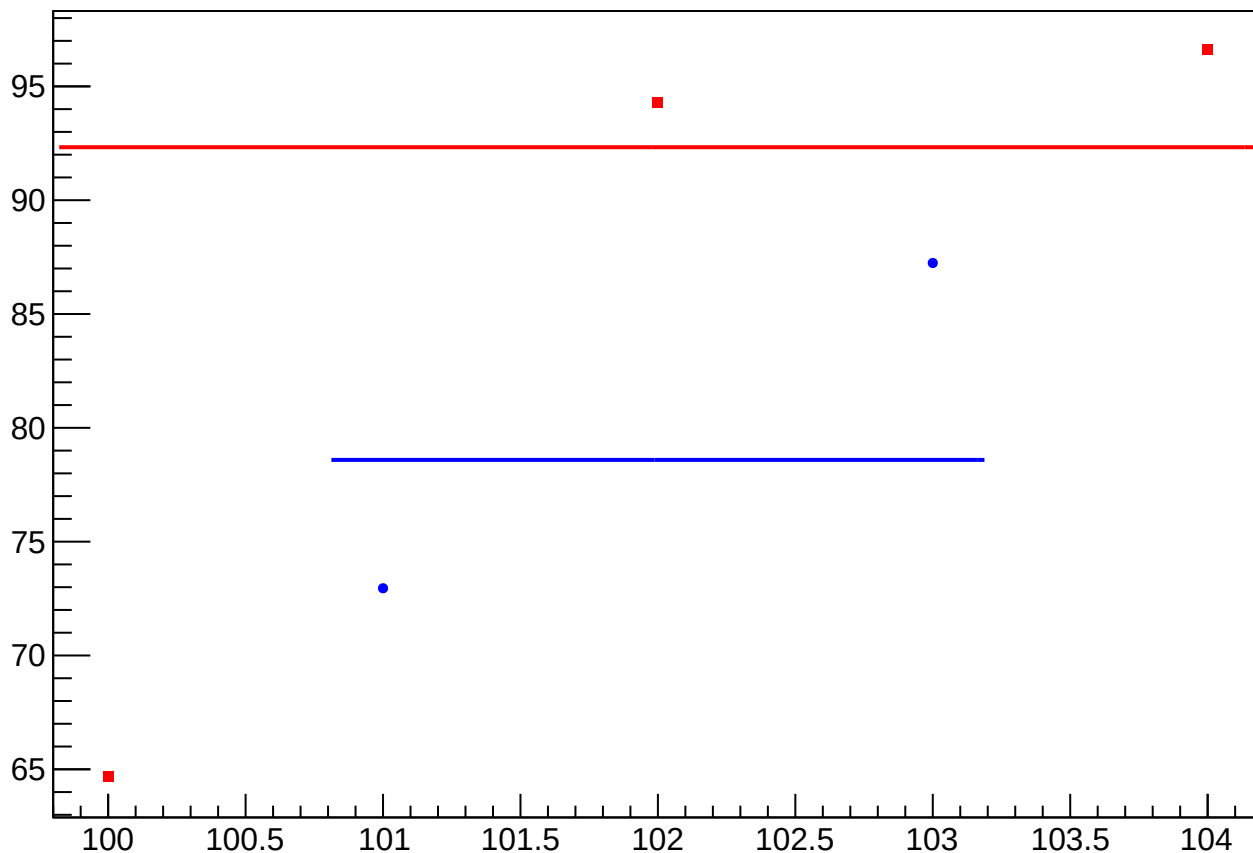
Right: -55.756 $\pm$ 54.606 χ^2 /NDF: 1.7/4

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: -55.756 $\pm$ 54.606 χ^2 /NDF: 1.7/4

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 78.592 $\pm$ 0.050 χ^2 /NDF: 19344.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.327 $\pm$ 0.060 χ^2 /NDF: 22885.7/2

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

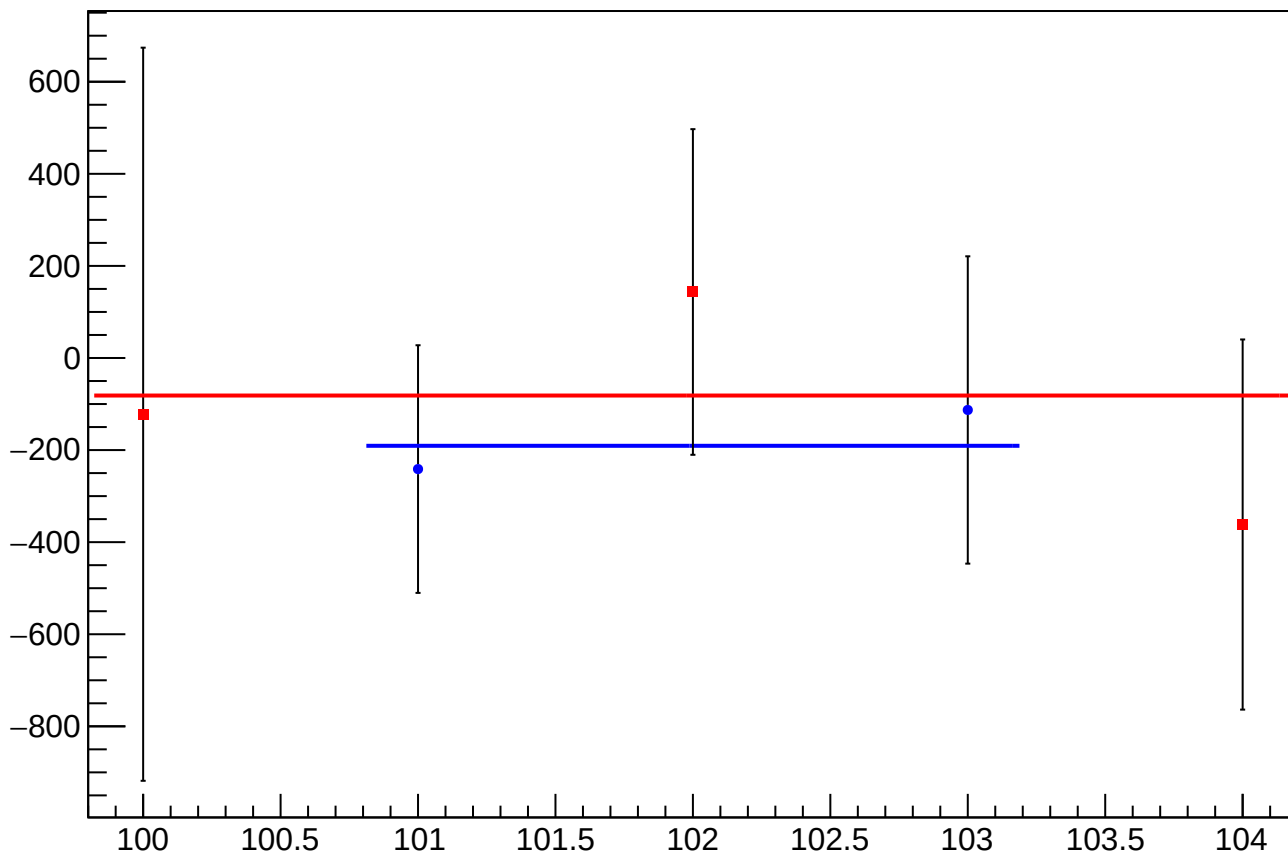
Right: 84.206 $\pm$ 0.039 χ^2 /NDF: 72812.3/4

In: 78.592 $\pm$ 0.050 χ^2 /NDF: 19344.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.206 $\pm$ 0.039 χ^2 /NDF: 72812.3/4

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -190.717+/-209.418 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.530+/-251.880 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

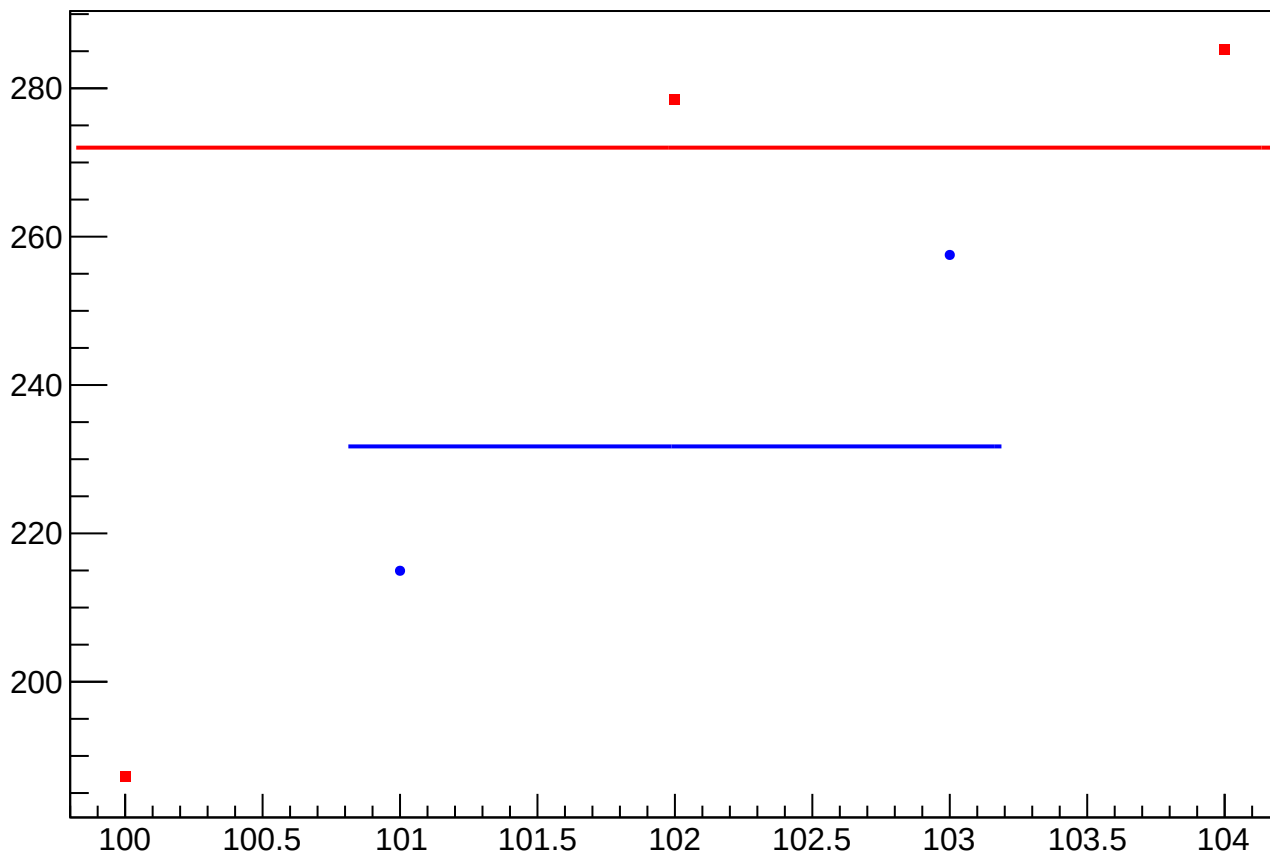
Right: -146.090+/-161.031 χ^2/NDF : 1.1/4

In: -190.717+/-209.418 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.090+/-161.031 χ^2/NDF : 1.1/4

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: 272.001+/-0.178 χ^2/NDF : 25517.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

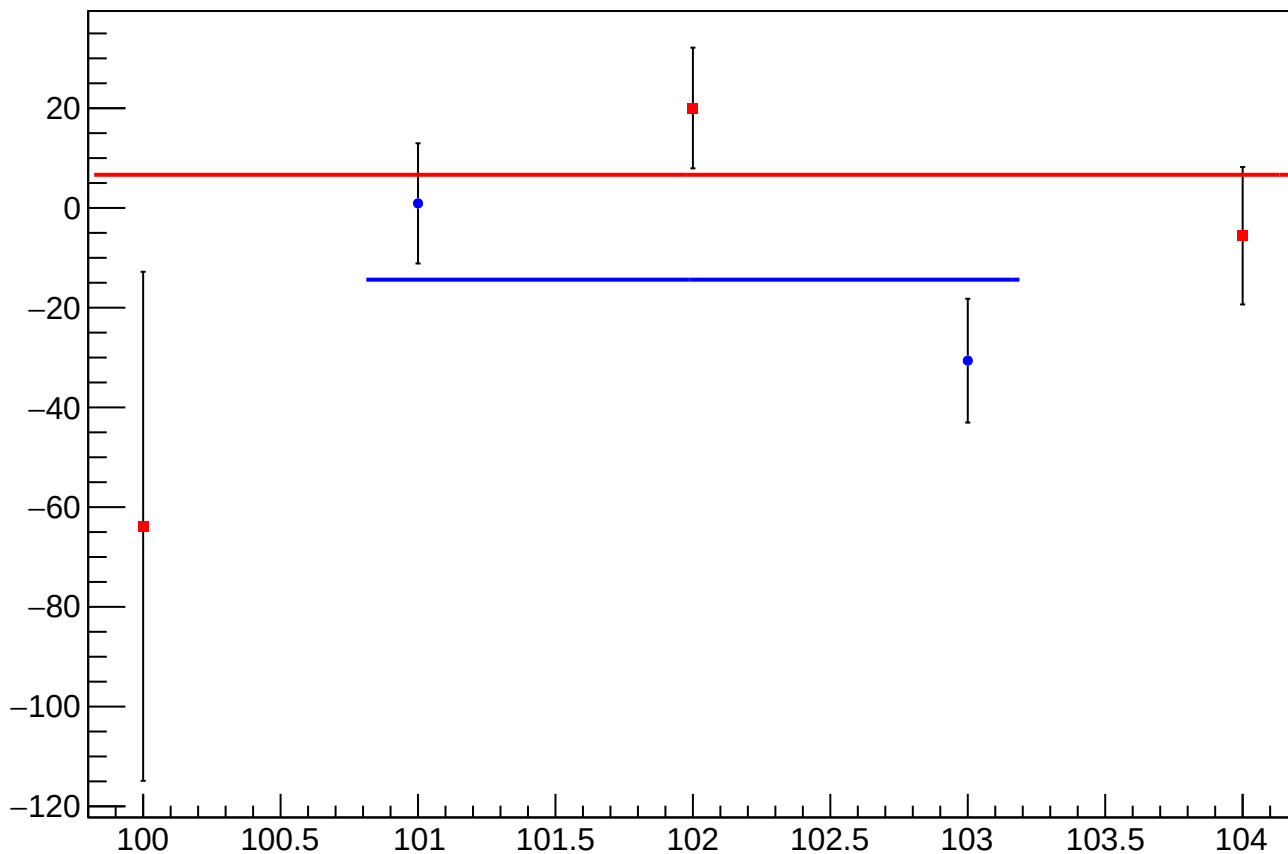
Right: 248.187+/-0.114 χ^2/NDF : 75485.6/4

In: 231.725+/-0.148 χ^2/NDF : 19732.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.187+/-0.114 χ^2/NDF : 75485.6/4

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -14.383 $\pm$ 8.647 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.652 $\pm$ 8.951 χ^2 /NDF: 3.9/2

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

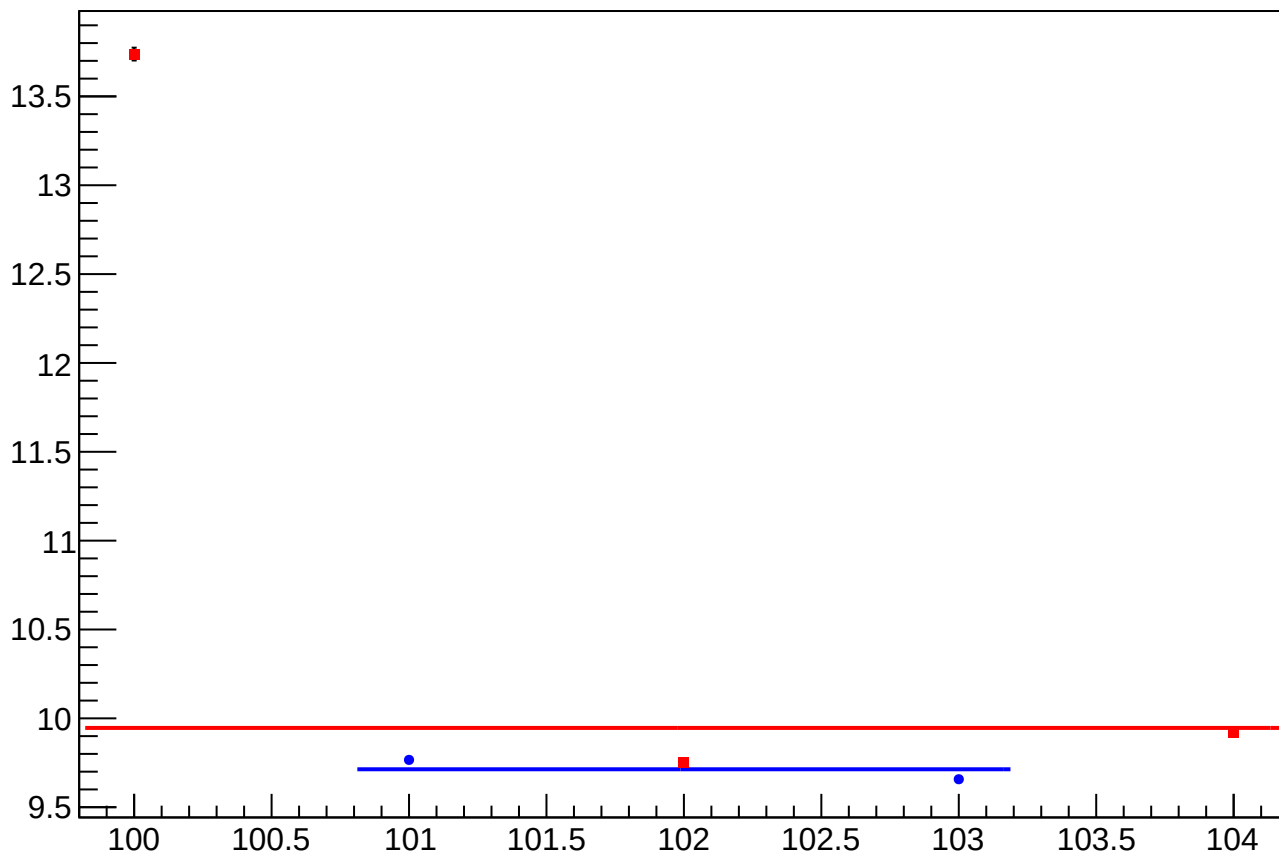
Right: -4.229 $\pm$ 6.219 χ^2 /NDF: 10.1/4

In: -14.383 $\pm$ 8.647 χ^2 /NDF:3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.229 $\pm$ 6.219 χ^2 /NDF: 10.1/4

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.946 $\pm$ 0.006 χ^2 /NDF: 11556.8/2

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

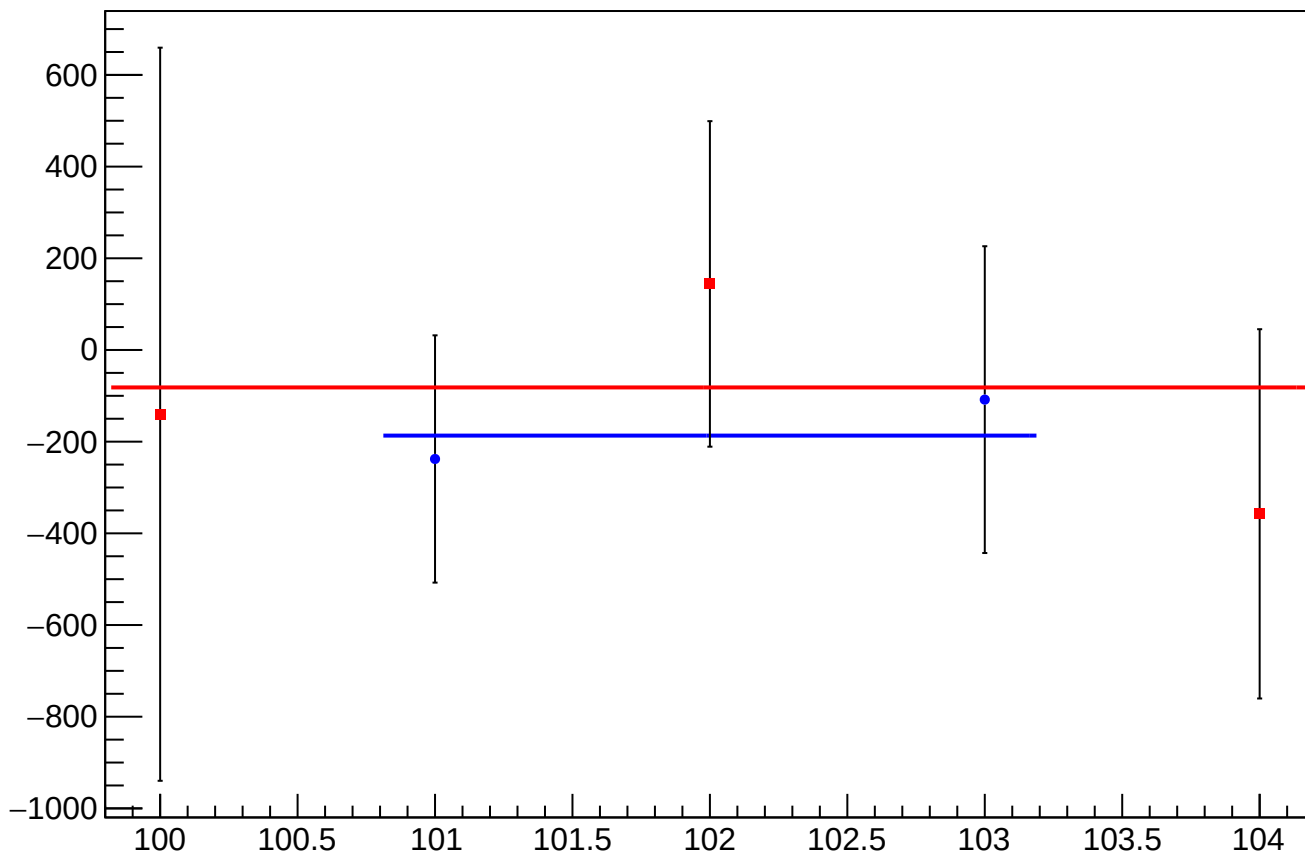
Right: 9.826 $\pm$ 0.004 χ^2 /NDF: 12335.4/4

In: 9.713 $\pm$ 0.006 χ^2 /NDF: 79.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.826 $\pm$ 0.004 χ^2 /NDF: 12335.4/4

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -186.789 $\pm$ 209.988 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -81.713 $\pm$ 252.700 χ^2 /NDF: 0.9/2

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

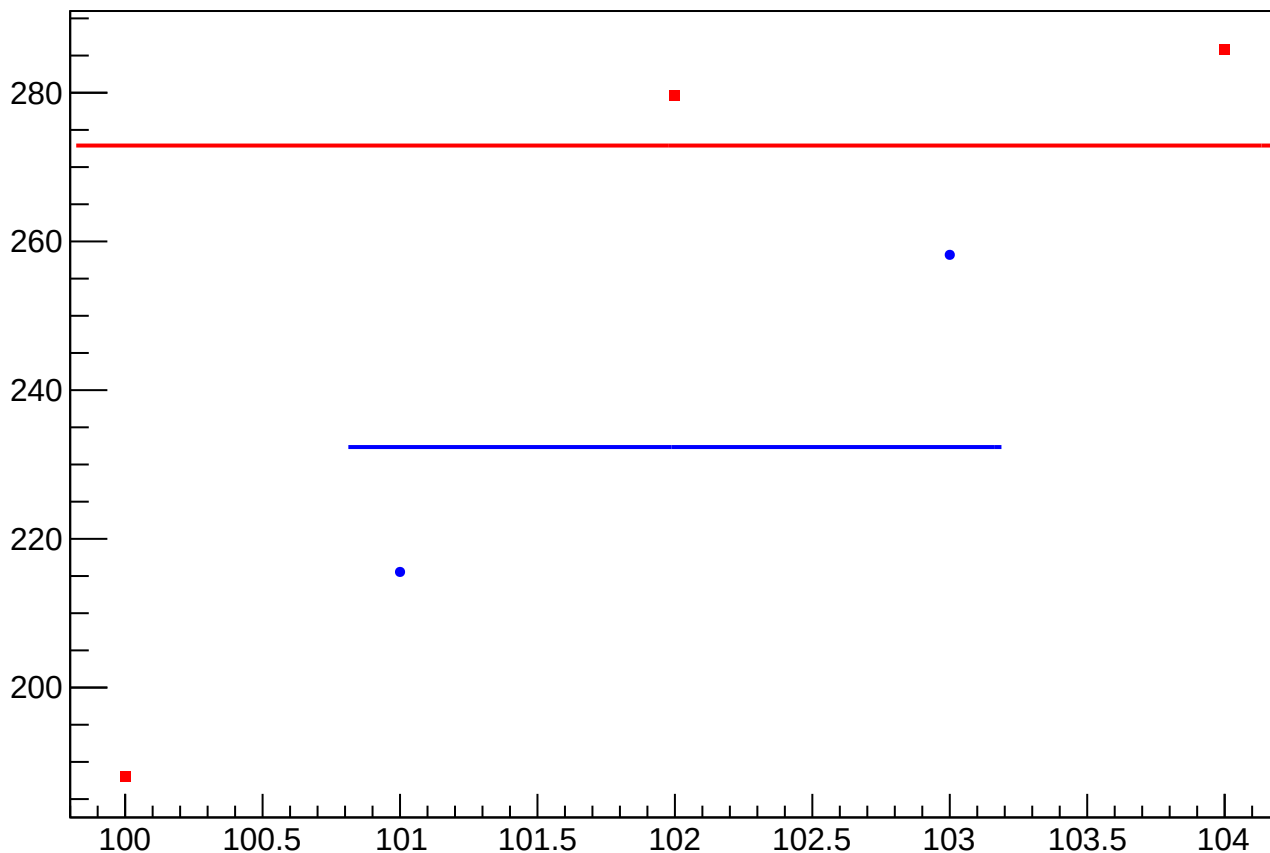
Right: -143.869 $\pm$ 161.504 χ^2 /NDF: 1.1/4

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: -143.869 $\pm$ 161.504 χ^2 /NDF: 1.1/4

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 232.347+/-0.148 χ^2/NDF : 19693.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 272.898+/-0.179 χ^2/NDF : 25293.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

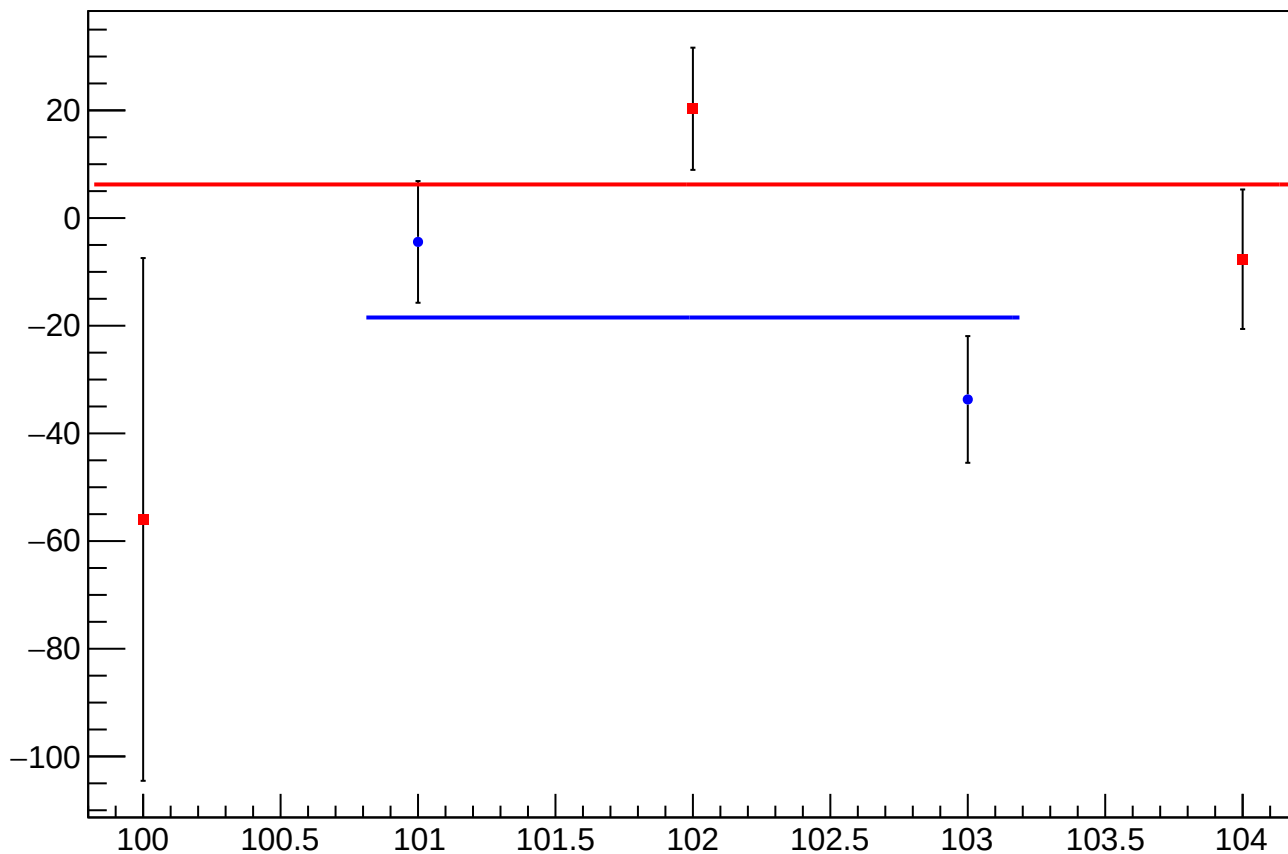
Right: 248.911+/-0.114 χ^2/NDF : 75453.2/4

In: 232.347+/-0.148 χ^2/NDF : 19693.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.911+/-0.114 χ^2/NDF : 75453.2/4

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -18.472 ± 8.152 $\chi^2/\text{NDF}: 3.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.240 ± 8.408 $\chi^2/\text{NDF}: 4.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

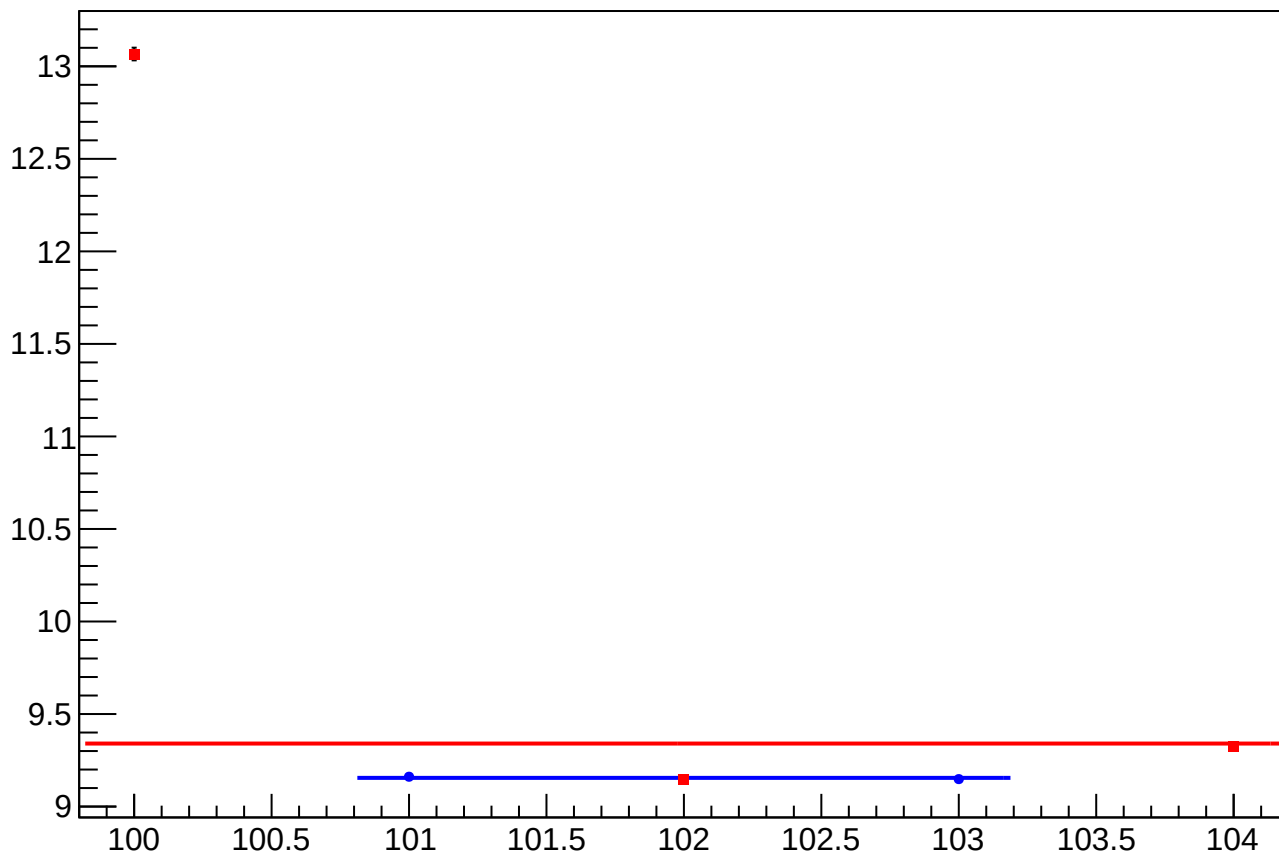
Right: -6.498 ± 5.853 $\chi^2/\text{NDF}: 12.0/4$

In: -18.472 ± 8.152 $\chi^2/\text{NDF}: 3.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.498 ± 5.853 $\chi^2/\text{NDF}: 12.0/4$

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.155 $\pm$ 0.006 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.340 $\pm$ 0.006 χ^2 /NDF: 12361.9/2

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

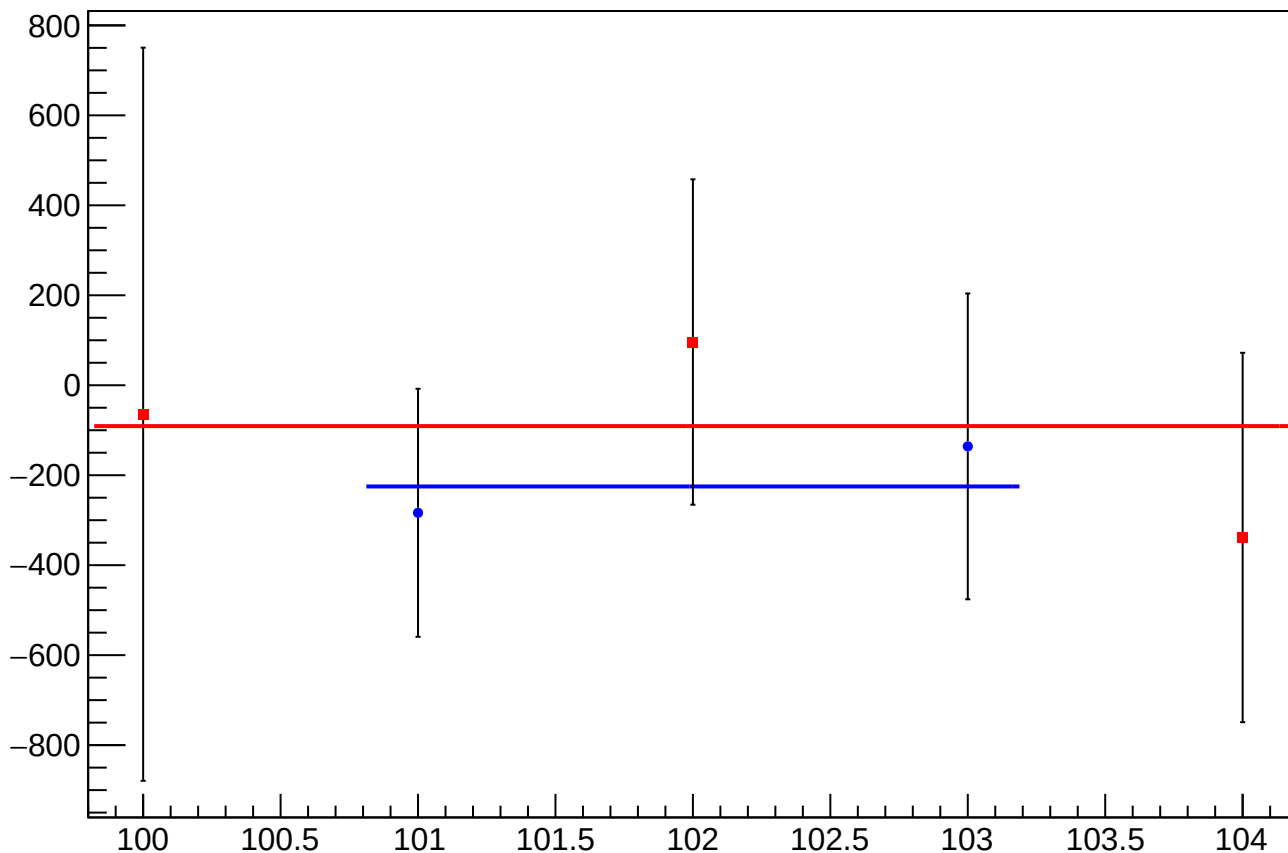
Right: 9.245 $\pm$ 0.004 χ^2 /NDF: 12864.7/4

In: 9.155 $\pm$ 0.006 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.245 $\pm$ 0.004 χ^2 /NDF: 12864.7/4

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -224.962 $\pm$ 214.136 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -90.823 $\pm$ 257.491 χ^2 /NDF: 0.6/2

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

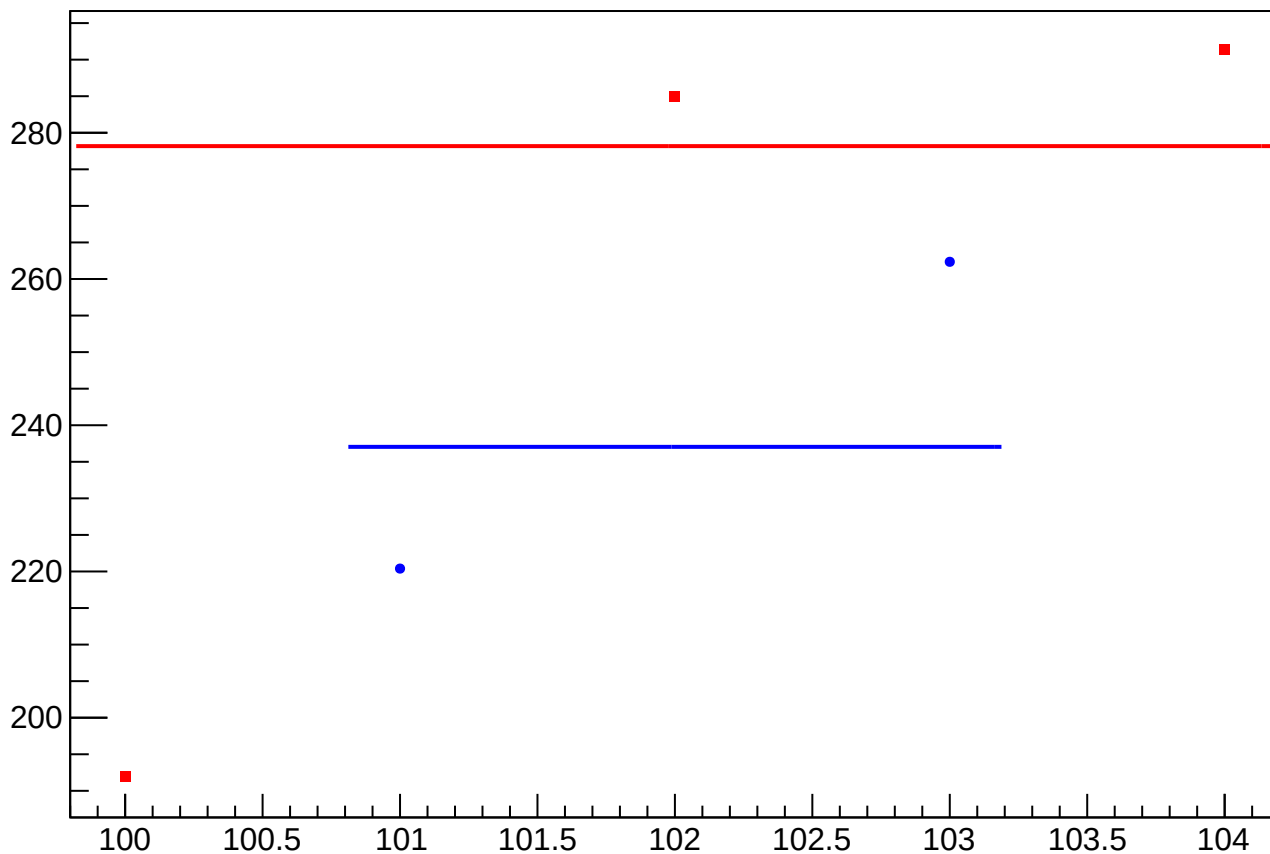
Right: -170.120 $\pm$ 164.642 χ^2 /NDF: 0.9/4

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: -170.120 $\pm$ 164.642 χ^2 /NDF: 0.9/4

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 237.044 ± 0.151 χ^2/NDF : 18378.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 278.174 ± 0.182 χ^2/NDF : 25152.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

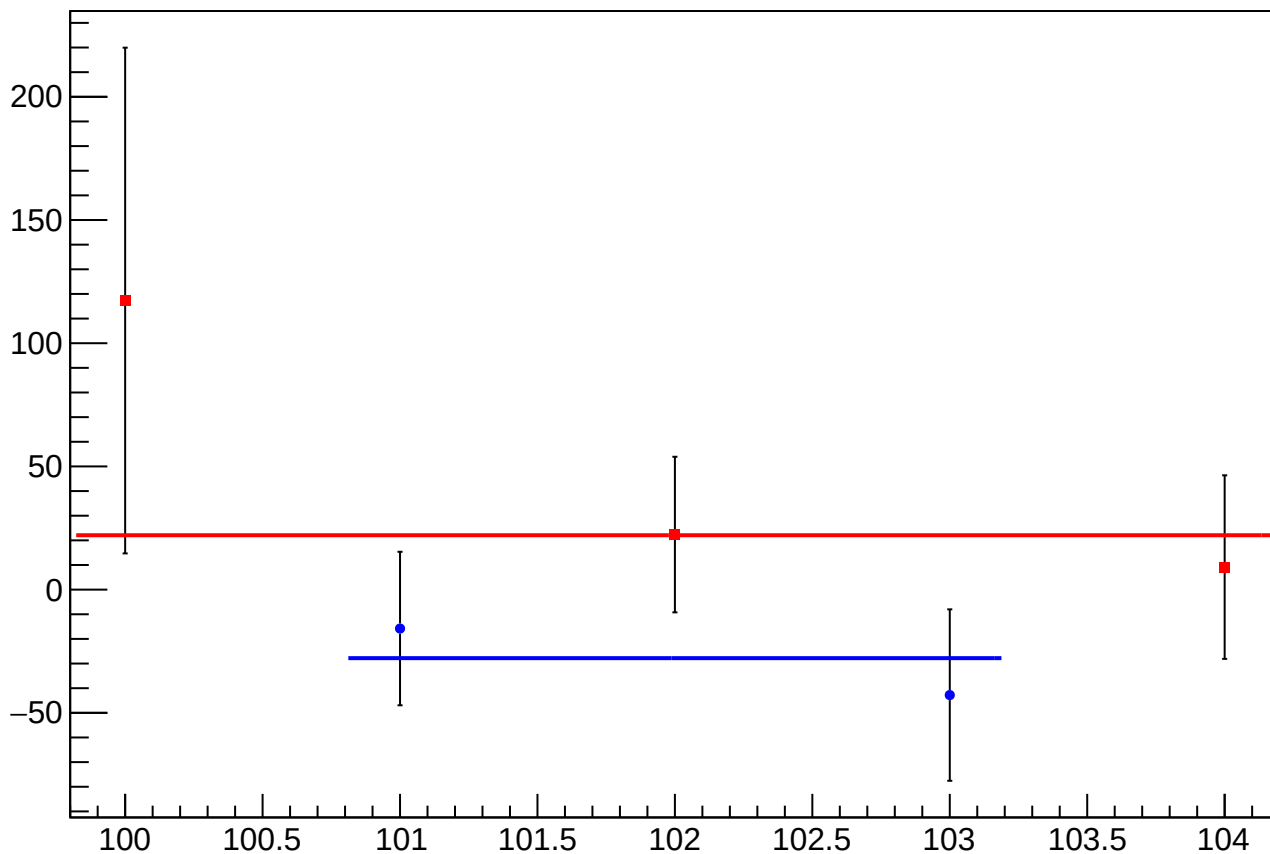
Right: 253.860 ± 0.116 χ^2/NDF : 73698.1/4

In: 237.044 ± 0.151 χ^2/NDF : 18378.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 253.860 ± 0.116 χ^2/NDF : 73698.1/4

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.073 ± 23.445 $\chi^2/\text{NDF}: 1.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

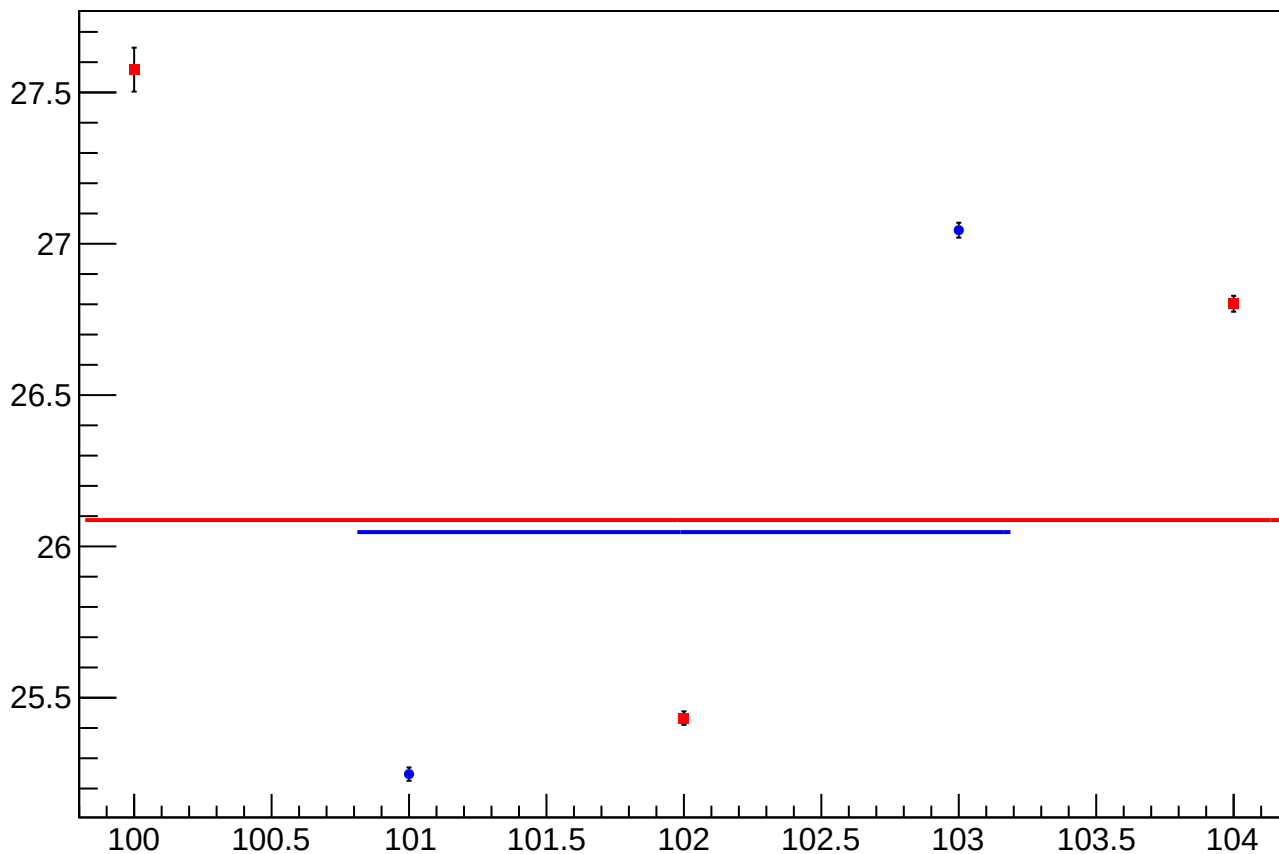
Right: -3.121 ± 16.493 $\chi^2/\text{NDF}: 3.6/4$

In: -27.807 ± 23.207 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.121 ± 16.493 $\chi^2/\text{NDF}: 3.6/4$

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 26.047 $\pm$ 0.016 χ^2 /NDF: 2962.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.087 $\pm$ 0.017 χ^2 /NDF: 2016.4/2

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

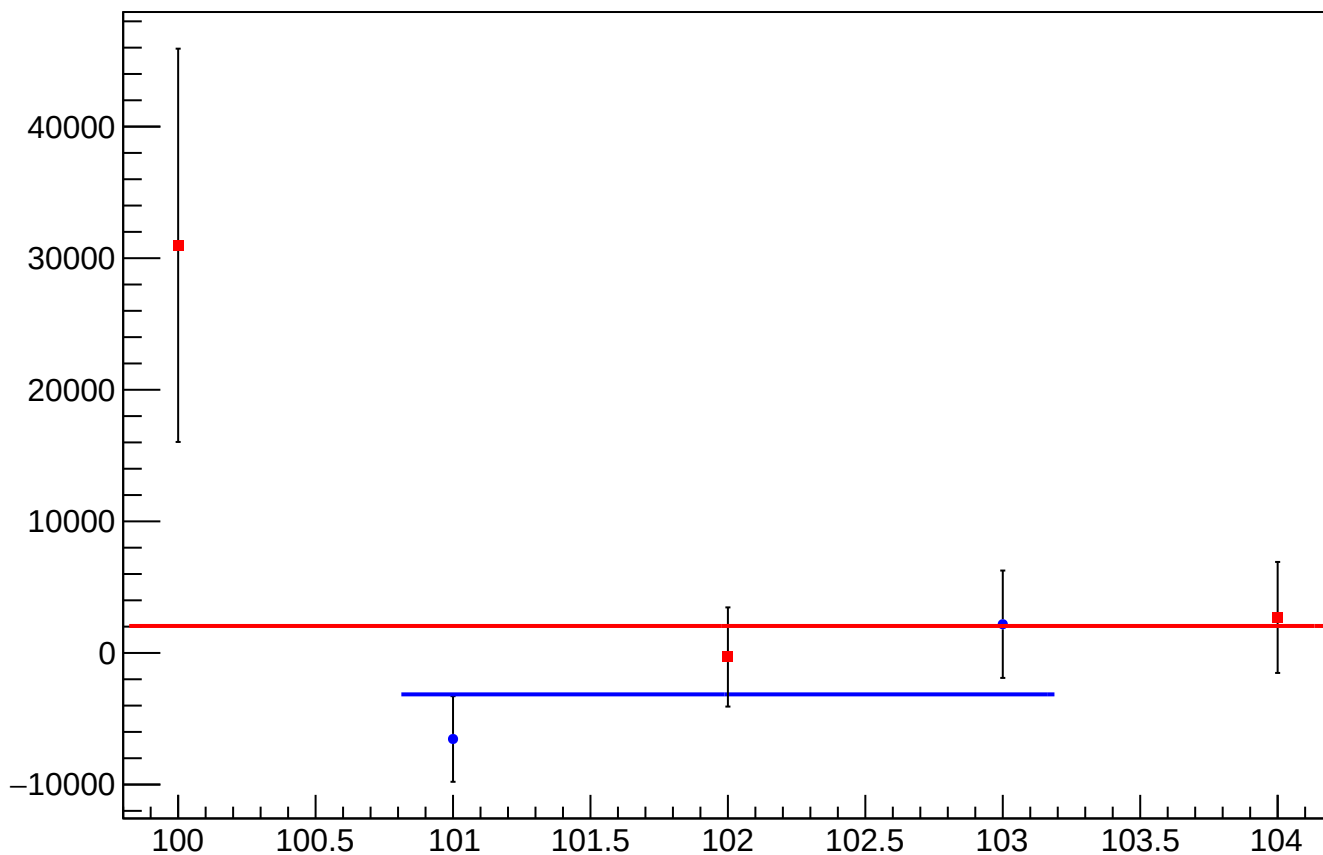
Right: 26.067 $\pm$ 0.012 χ^2 /NDF: 4981.8/4

In: 26.047 $\pm$ 0.016 χ^2 /NDF: 2962.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.067 $\pm$ 0.012 χ^2 /NDF: 4981.8/4

asym_bcm_cav4cQ_an_ds_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: 2051.159+/-2761.896 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

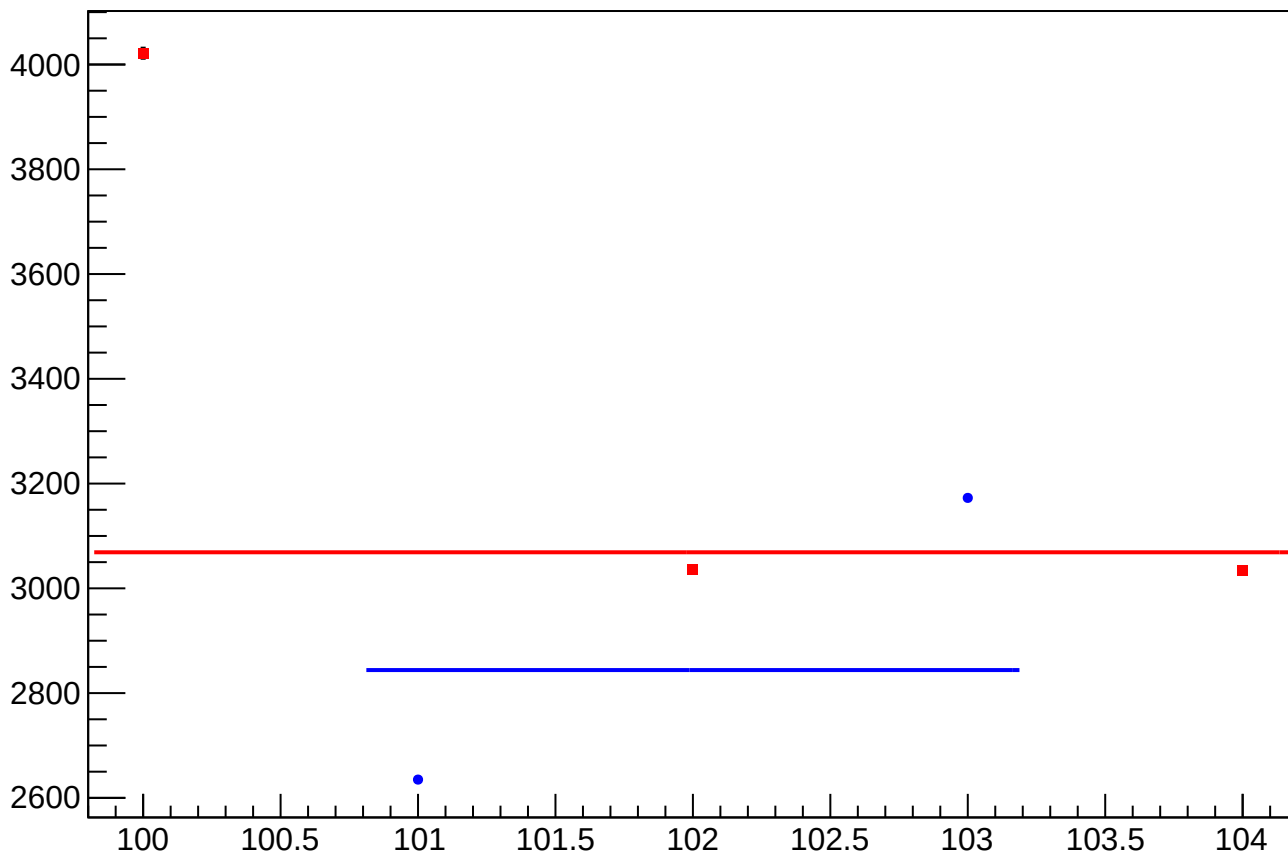
Right: -761.346+/-1871.040 χ^2/NDF : 8.9/4

In: -3146.937+/-2543.658 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -761.346+/-1871.040 χ^2/NDF : 8.9/4

asym_bcm_cav4cQ_an_ds_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: 3068.832 $\pm$ 1.953 χ^2 /NDF: 8417.5/2

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

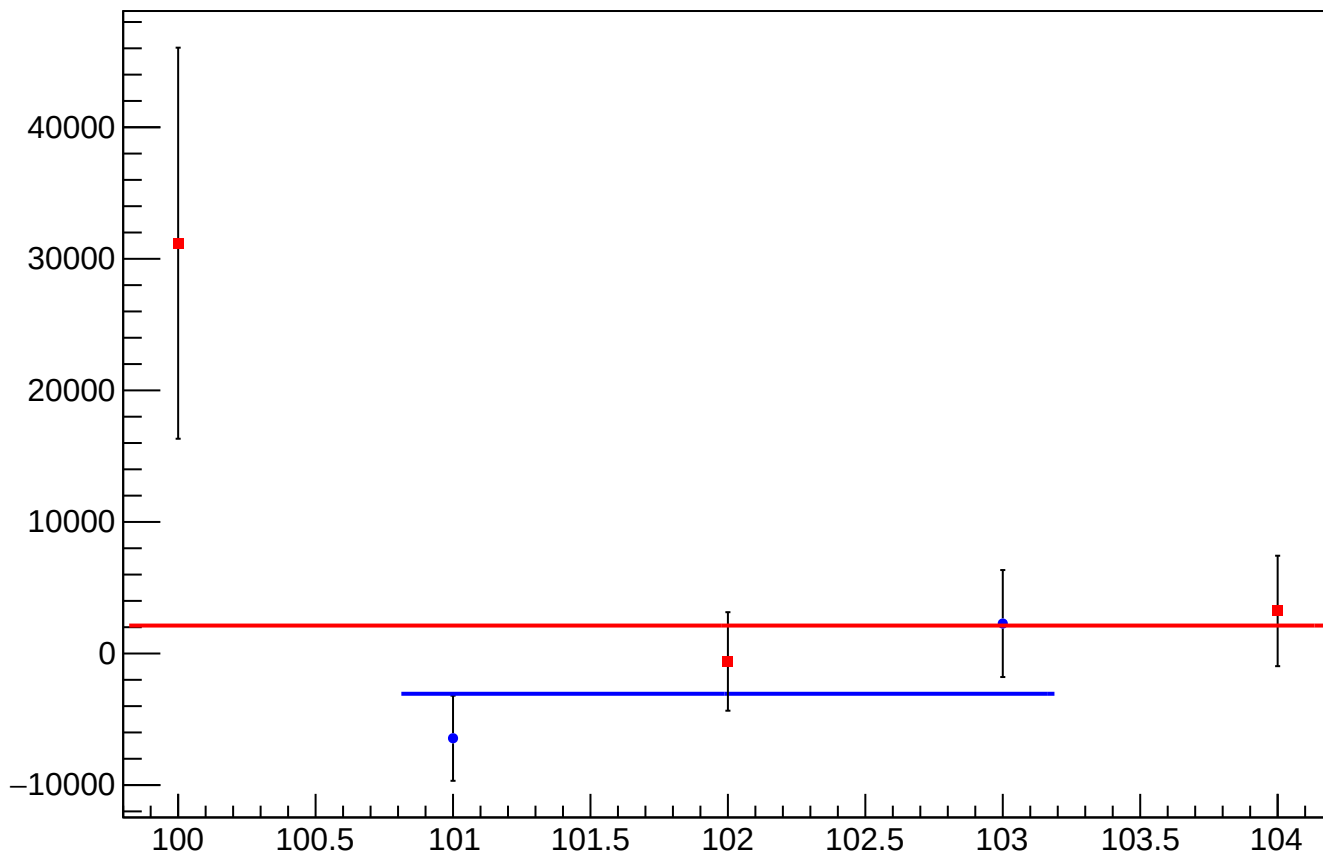
Right: 2947.177 $\pm$ 1.323 χ^2 /NDF: 36833.6/4

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: 2947.177 $\pm$ 1.323 χ^2 /NDF: 36833.6/4

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: 2124.996+/-2746.062 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

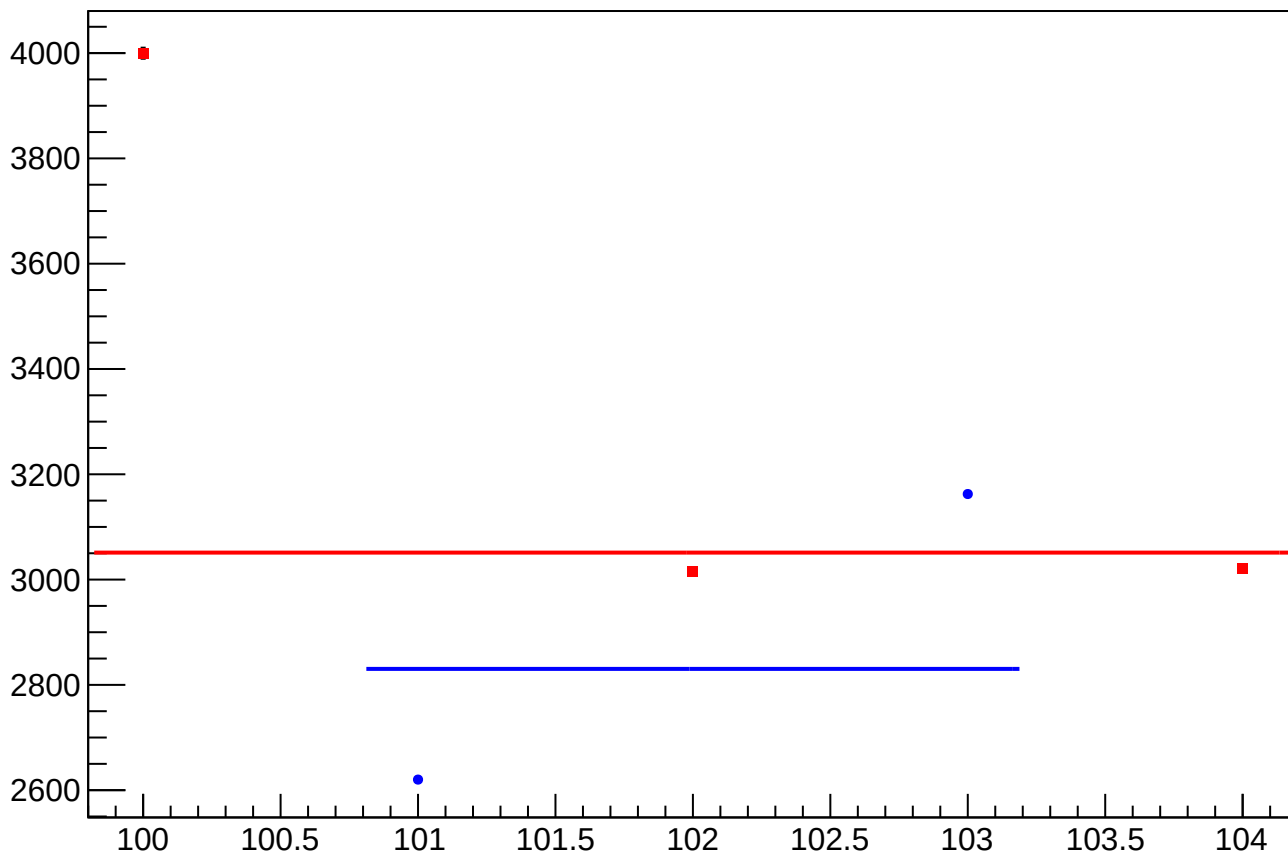
Right: -677.944+/-1861.354 χ^2/NDF : 9.2/4

In: -3060.341+/-2531.690 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -677.944+/-1861.354 χ^2/NDF : 9.2/4

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: 3051.250+/-1.942 χ^2/NDF : 8435.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

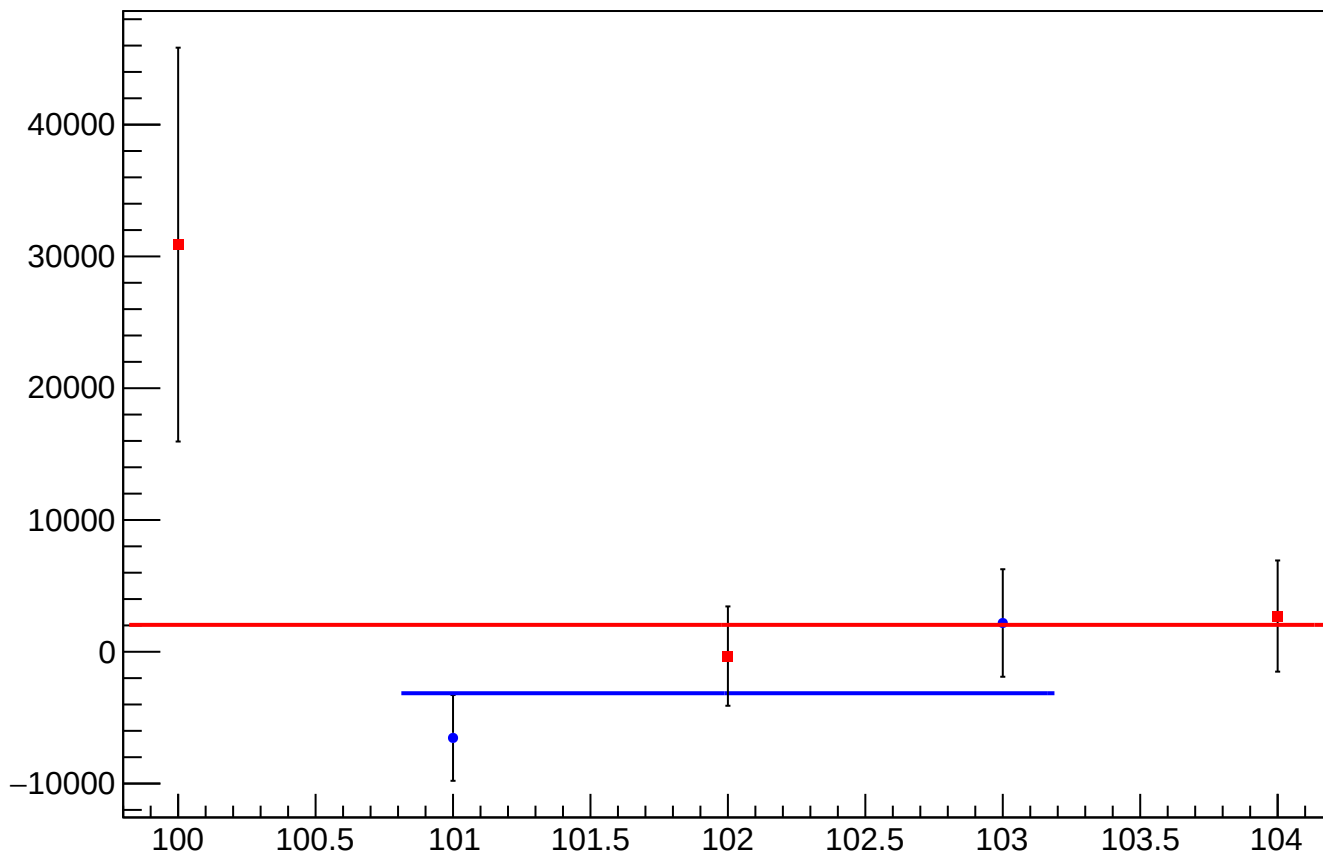
Right: 2931.848+/-1.316 χ^2/NDF : 37223.3/4

In: 2830.360+/-1.790 χ^2/NDF : 21792.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.848+/-1.316 χ^2/NDF : 37223.3/4

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: 2041.817 $\pm$ 2762.187 χ^2/NDF : 4.1/2

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

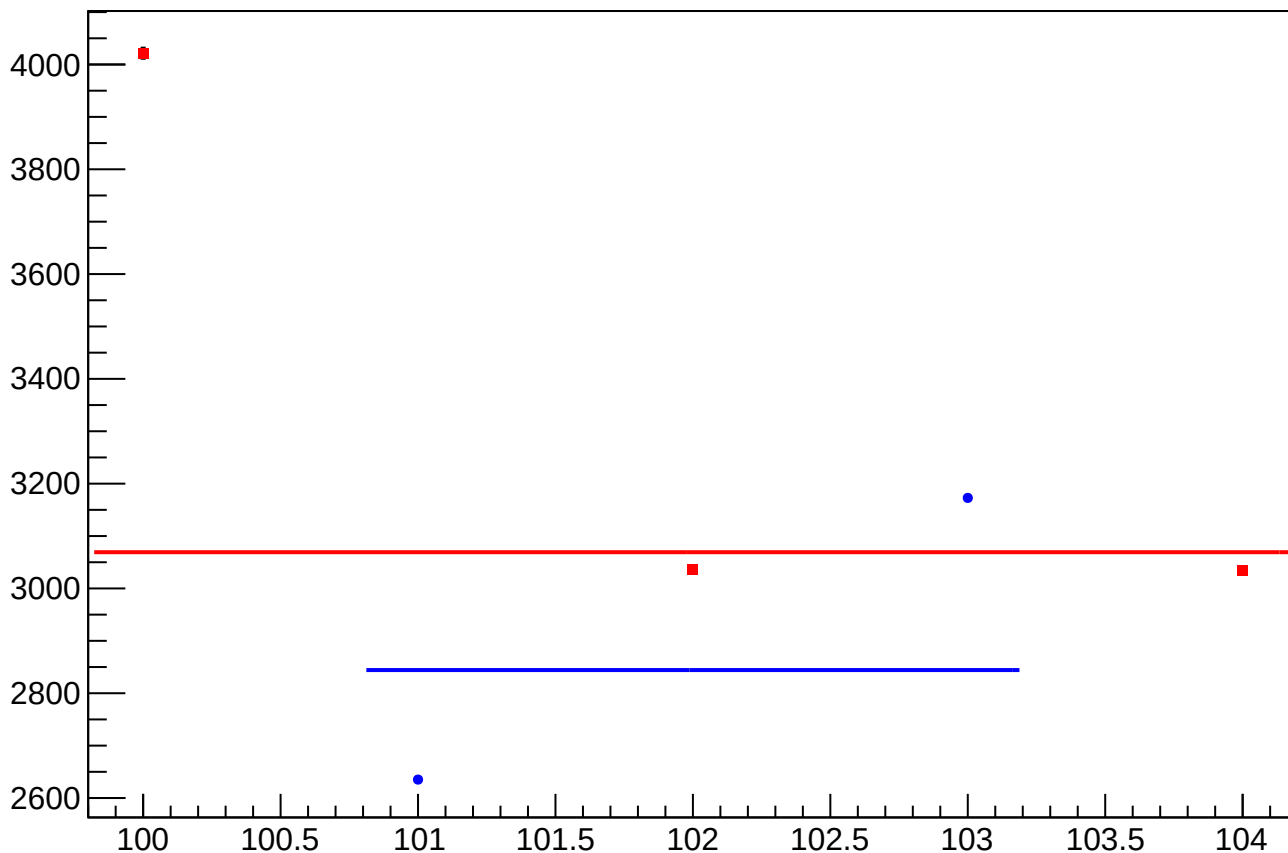
Right: -765.111 $\pm$ 1871.209 χ^2/NDF : 8.9/4

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: -765.111 $\pm$ 1871.209 χ^2/NDF : 8.9/4

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: 3069.156+/-1.953 χ^2/NDF : 8411.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

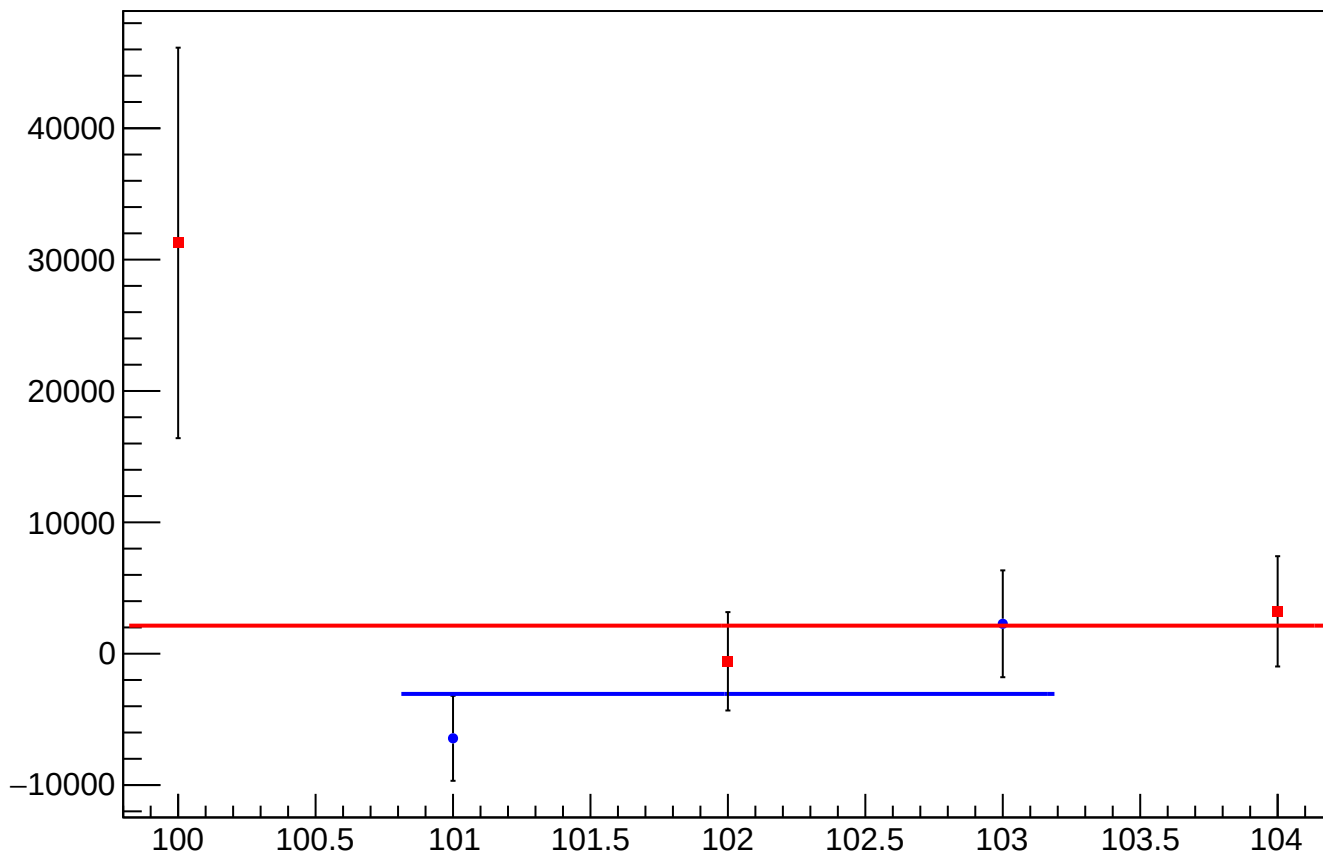
Right: 2947.446+/-1.323 χ^2/NDF : 36817.1/4

In: 2844.215+/-1.799 χ^2/NDF : 21229.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2947.446+/-1.323 χ^2/NDF : 36817.1/4

asym_bcm_cav4cQ_dg_ds_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: 2136.544 $\pm$ 2746.224 χ^2 /NDF: 4.4/2

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

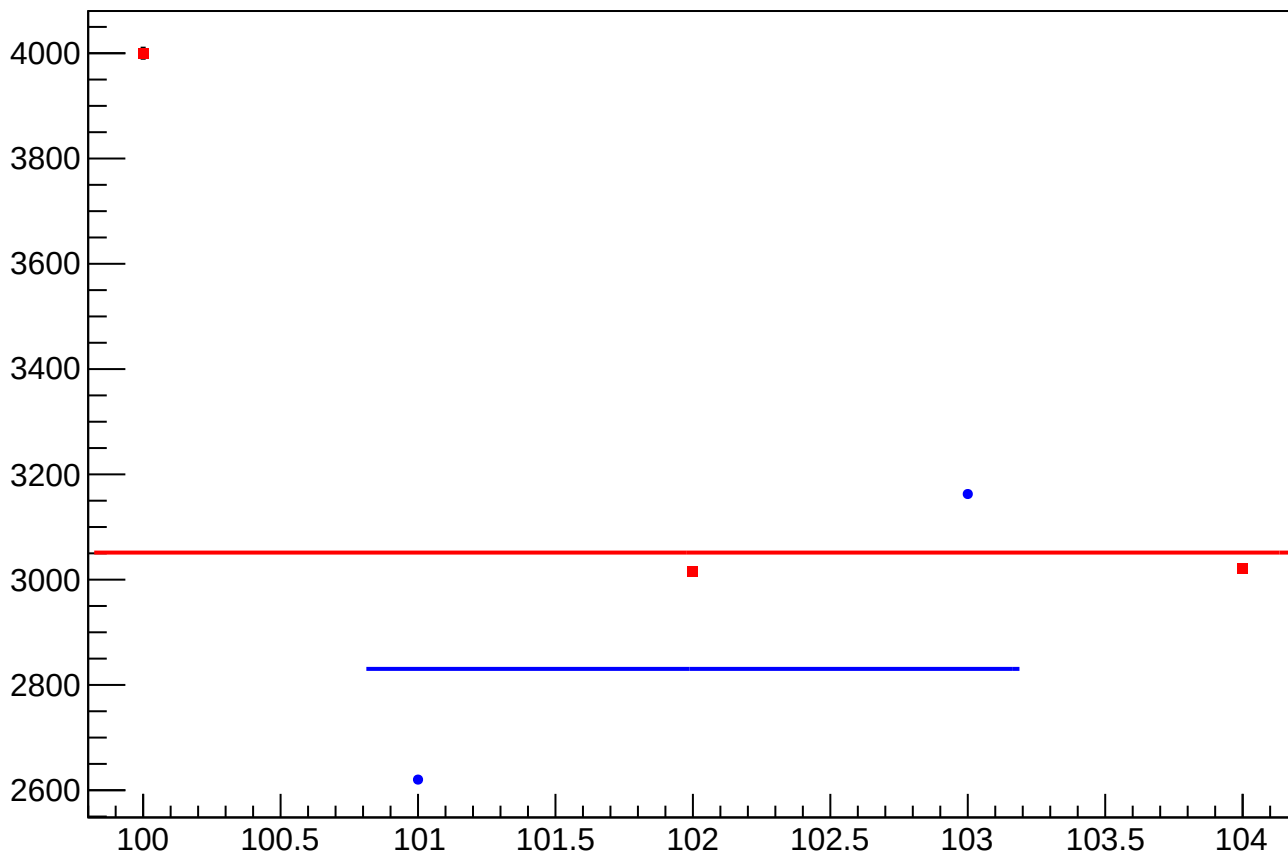
Right: -673.031 $\pm$ 1861.447 χ^2 /NDF: 9.2/4

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: -673.031 $\pm$ 1861.447 χ^2 /NDF: 9.2/4

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: 3051.430+/-1.942 χ^2/NDF : 8435.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

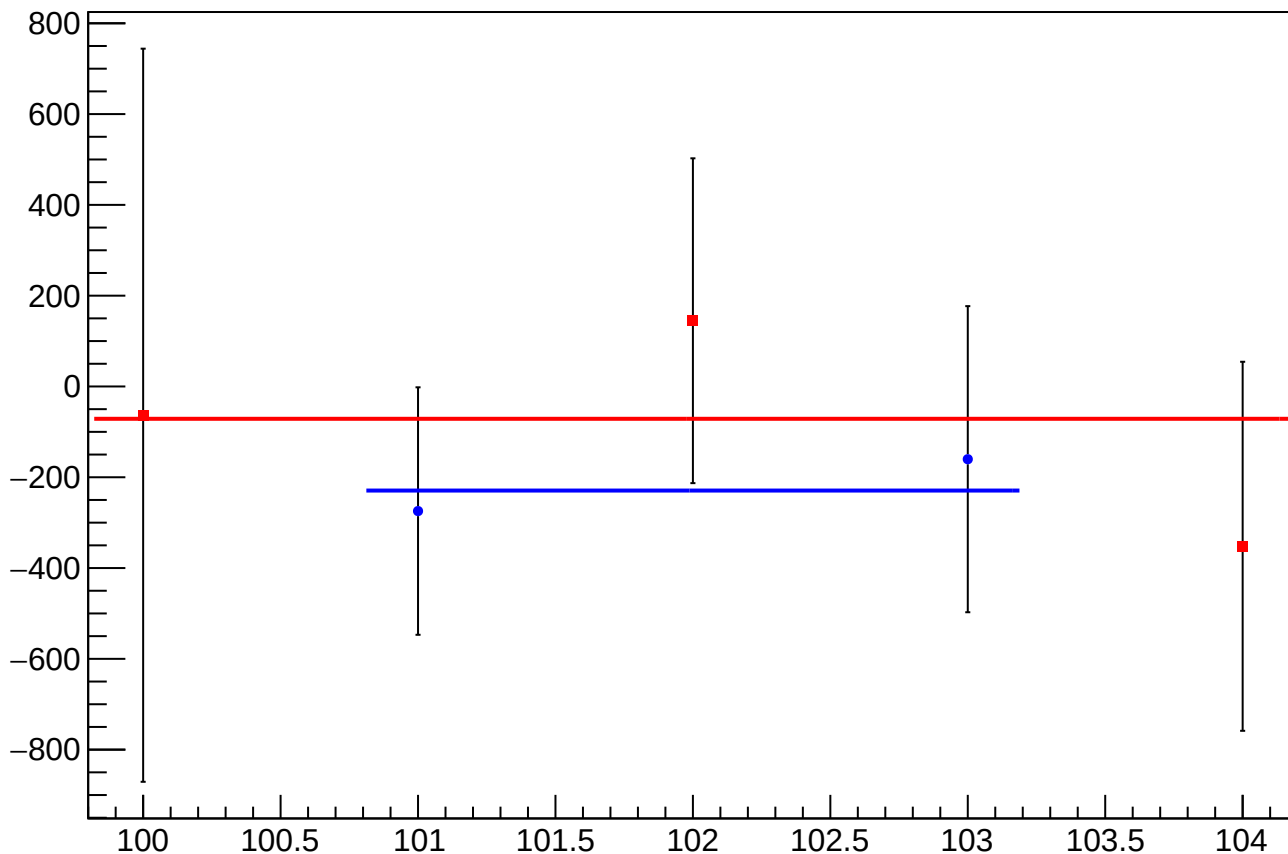
Right: 2931.992+/-1.316 χ^2/NDF : 37231.7/4

In: 2830.478+/-1.790 χ^2/NDF : 21797.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2931.992+/-1.316 χ^2/NDF : 37231.7/4

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: -71.223 $\pm$ 254.827 χ^2 /NDF: 0.8/2

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

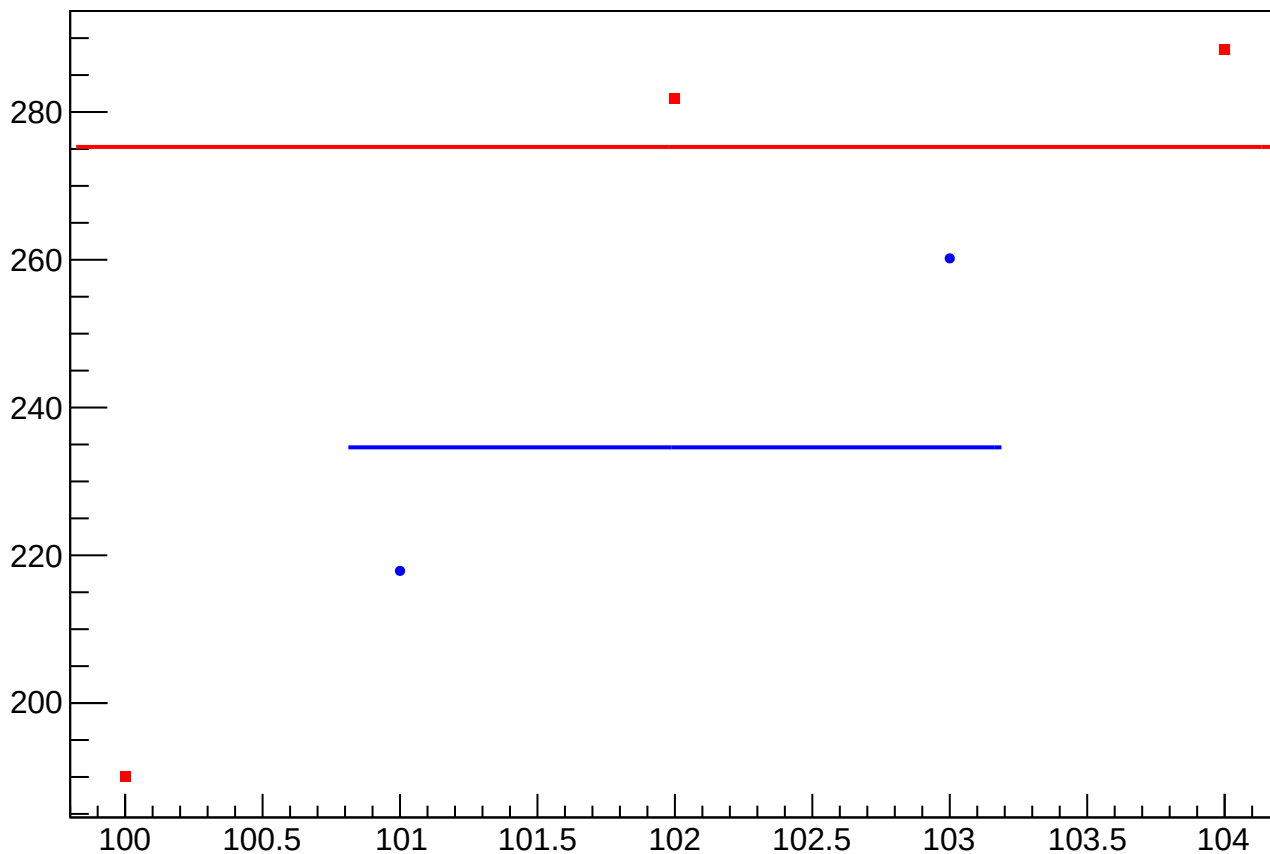
Right: -164.647 $\pm$ 162.961 χ^2 /NDF: 1.1/4

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: -164.647 $\pm$ 162.961 χ^2 /NDF: 1.1/4

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: 275.274 $\pm$ 0.180 χ^2 /NDF: 25039.6/2

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

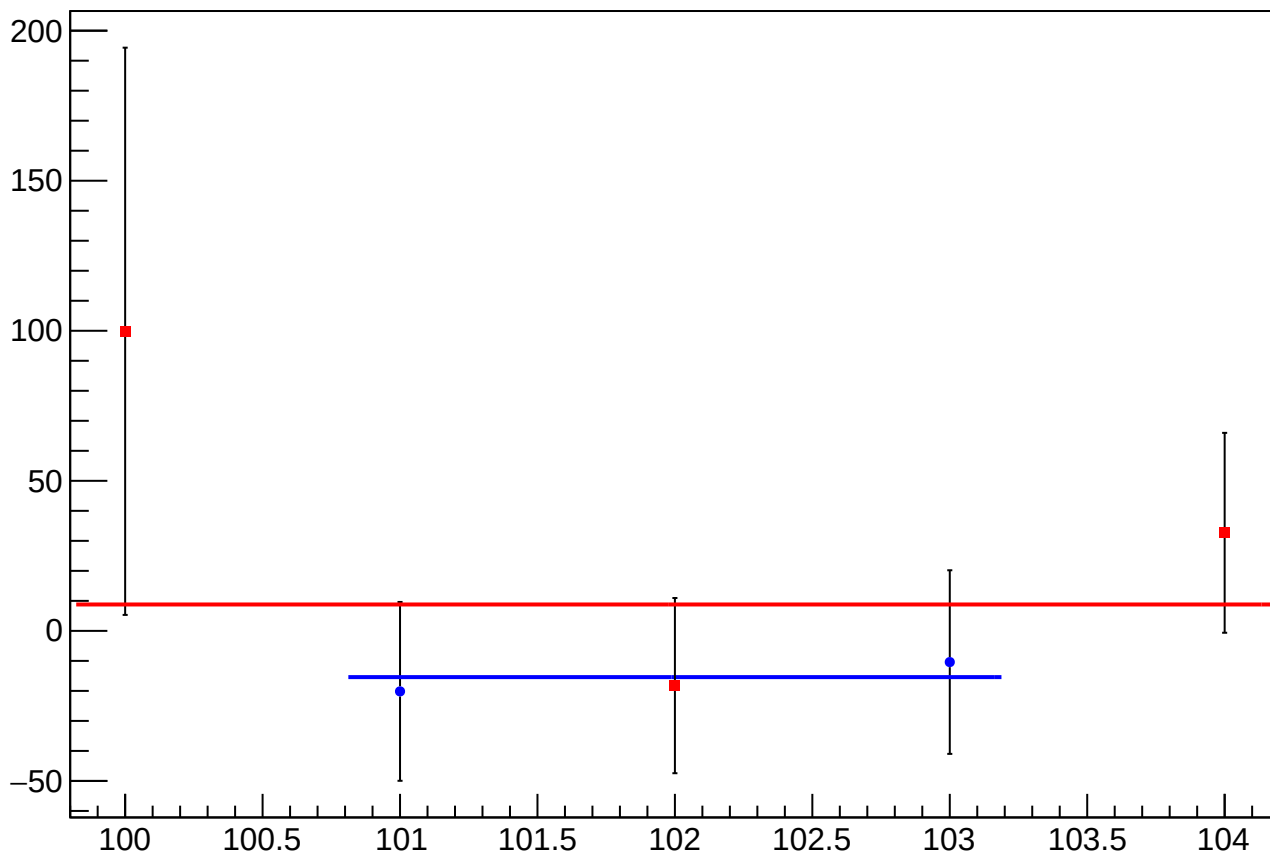
Right: 251.241 $\pm$ 0.115 χ^2 /NDF: 74171.3/4

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: 251.241 $\pm$ 0.115 χ^2 /NDF: 74171.3/4

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: 8.797 $\pm$ 21.383 χ^2 /NDF: 2.3/2

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

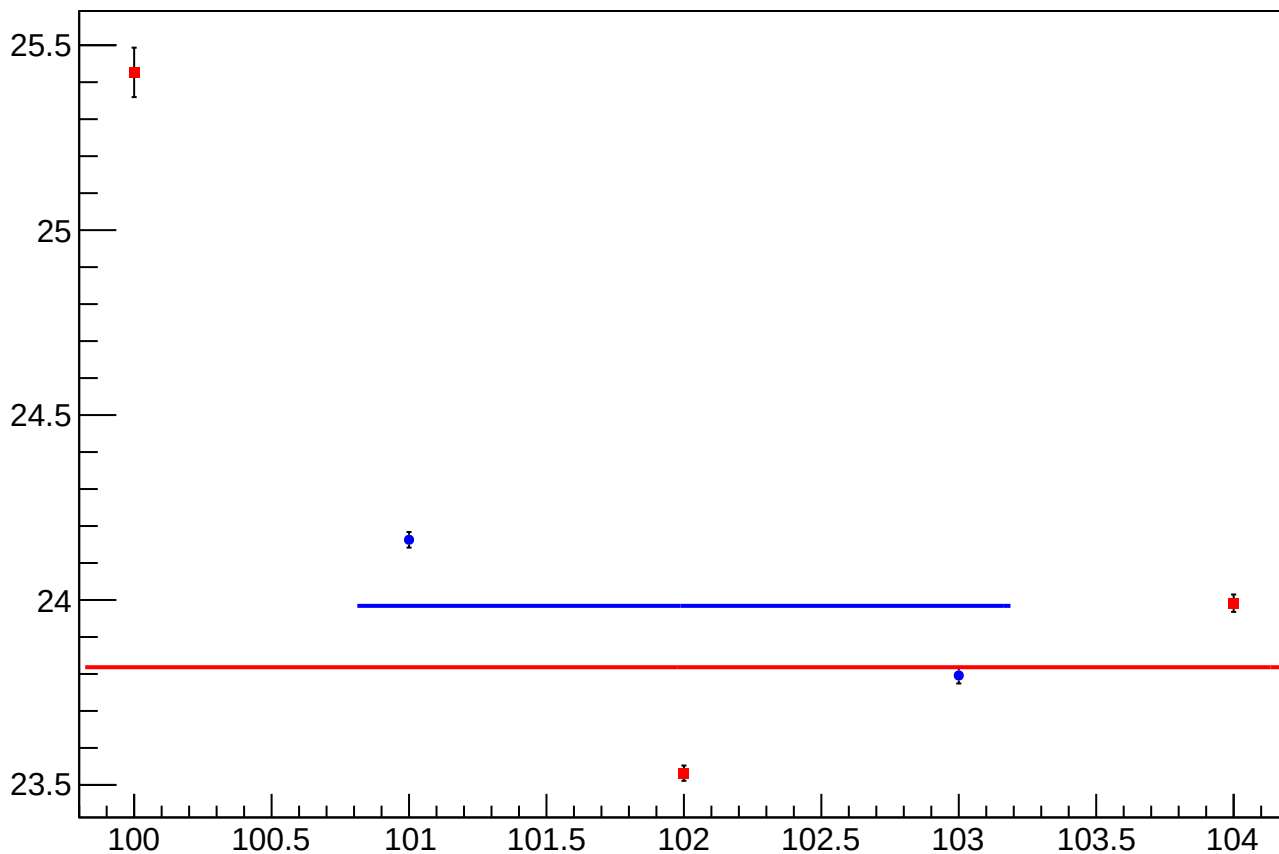
Right: -3.326 $\pm$ 15.107 χ^2 /NDF: 3.0/4

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: -3.326 $\pm$ 15.107 χ^2 /NDF: 3.0/4

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 23.984 $\pm$ 0.015 χ^2 /NDF: 147.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.818 $\pm$ 0.015 χ^2 /NDF: 825.8/2

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

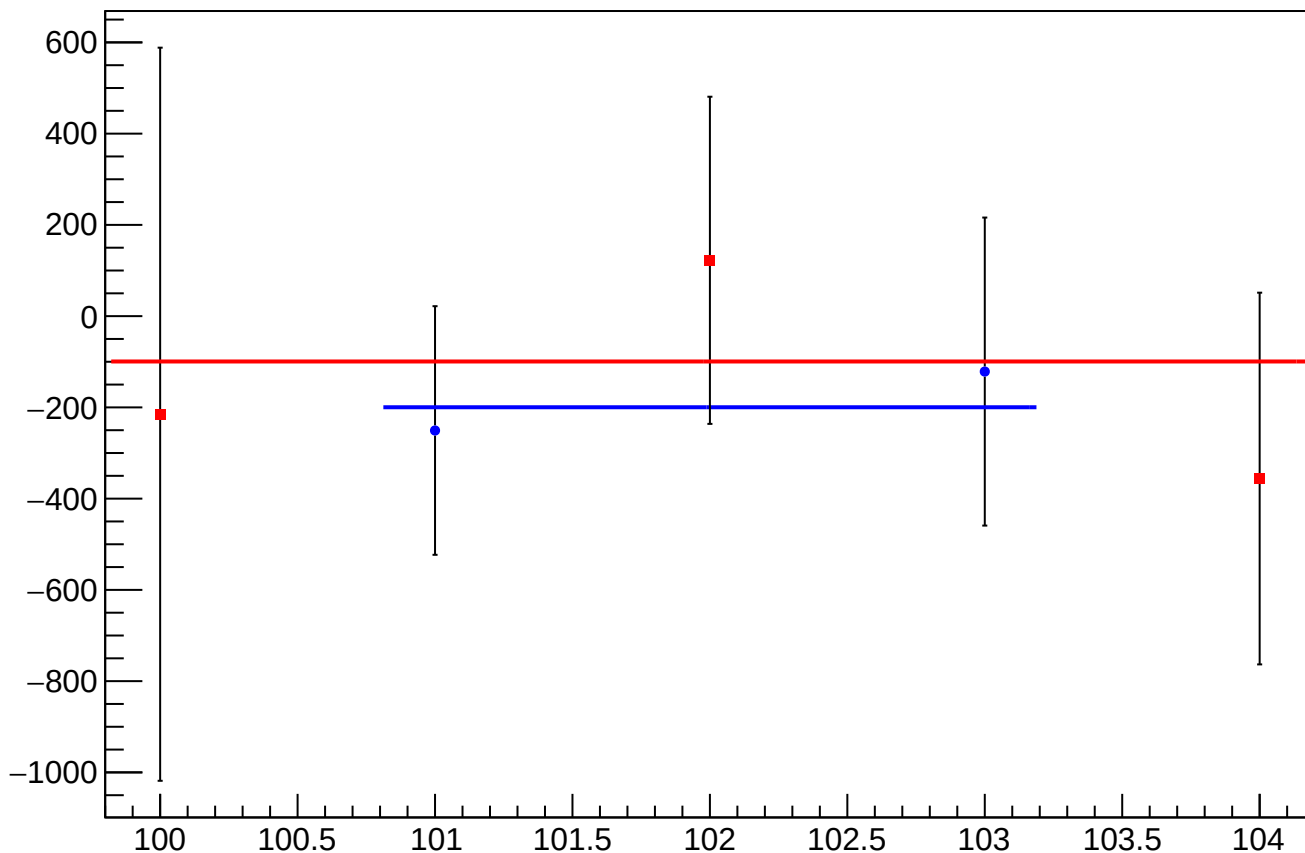
Right: 23.901 $\pm$ 0.011 χ^2 /NDF: 1033.6/4

In: 23.984 $\pm$ 0.015 χ^2 /NDF: 147.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.901 $\pm$ 0.011 χ^2 /NDF: 1033.6/4

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: -99.380+/-255.200 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

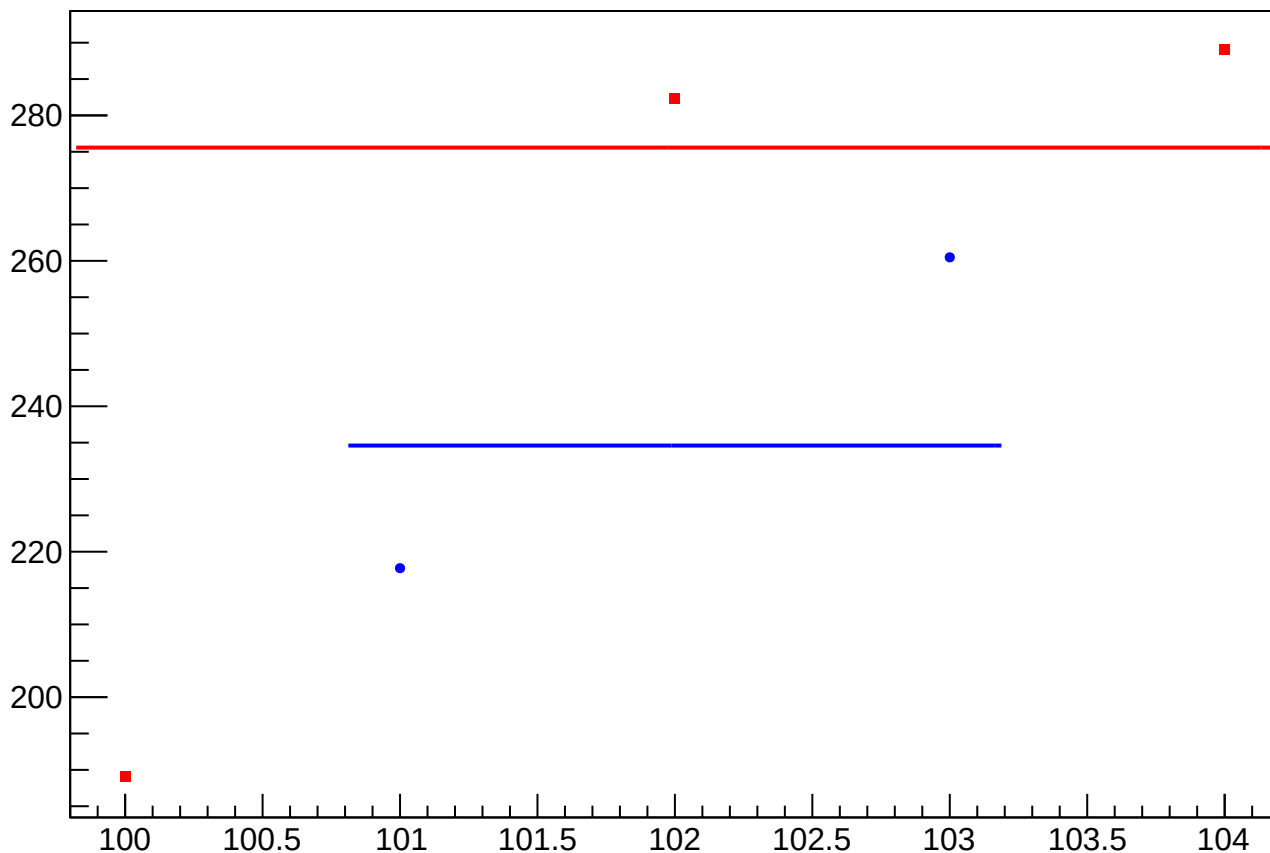
Right: -158.734+/-163.079 χ^2/NDF : 1.0/4

In: -199.700+/-212.016 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.734+/-163.079 χ^2/NDF : 1.0/4

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: 275.577 $\pm$ 0.180 χ^2 /NDF: 26091.3/2

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

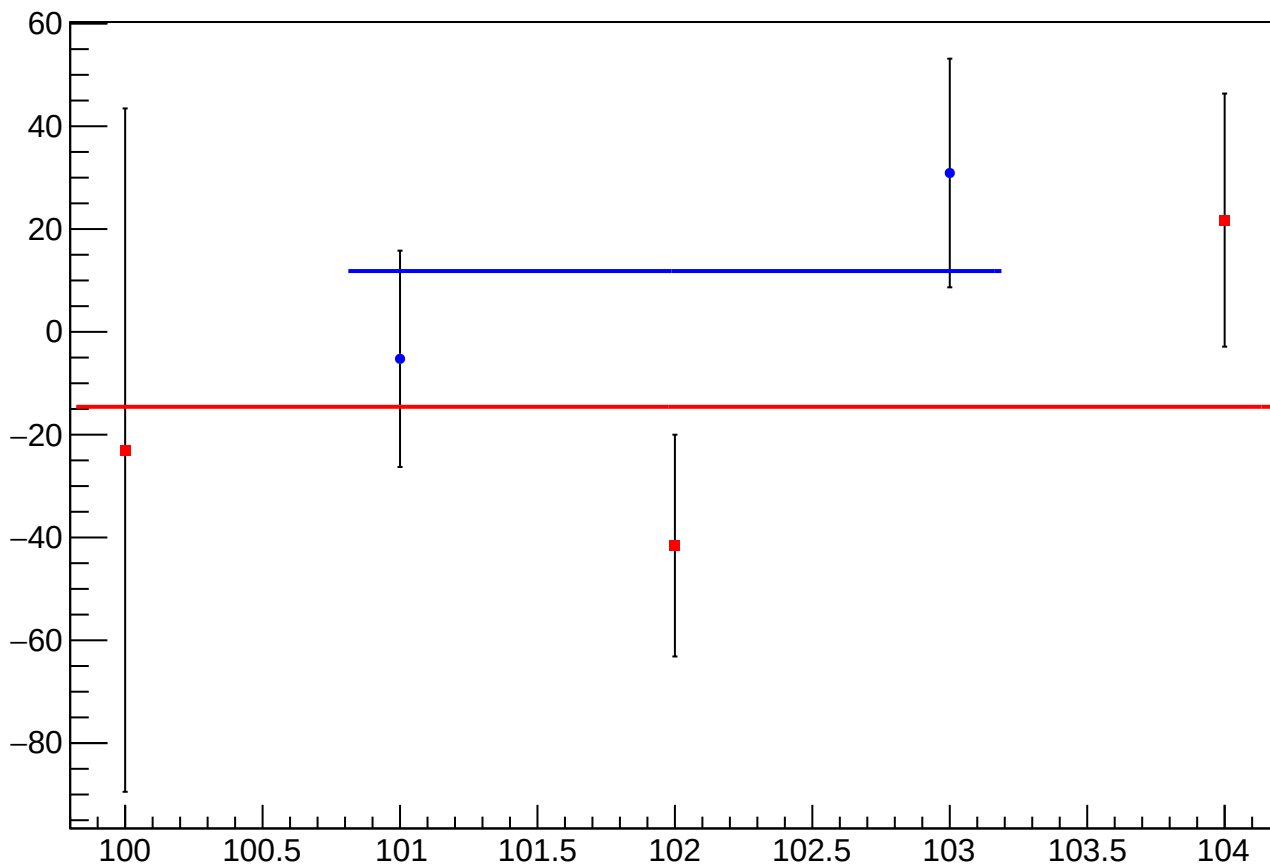
Right: 251.333 $\pm$ 0.115 χ^2 /NDF: 76022.5/4

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: 251.333 $\pm$ 0.115 χ^2 /NDF: 76022.5/4

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.574+/-15.762 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

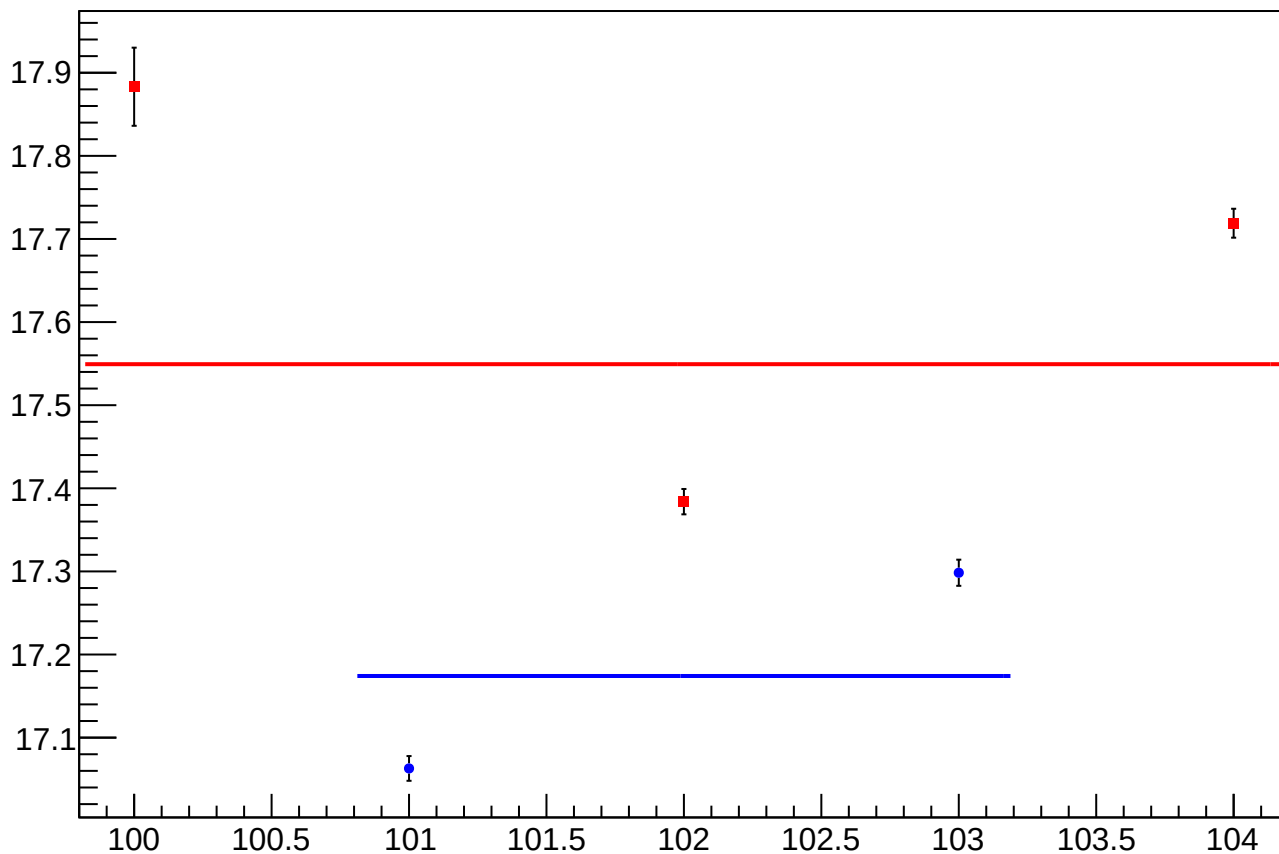
Right: -0.968+/-10.973 χ^2/NDF : 6.6/4

In: 11.831+/-15.286 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.968+/-10.973 χ^2/NDF : 6.6/4

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: 17.549 $\pm$ 0.011 χ^2 /NDF: 263.0/2

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

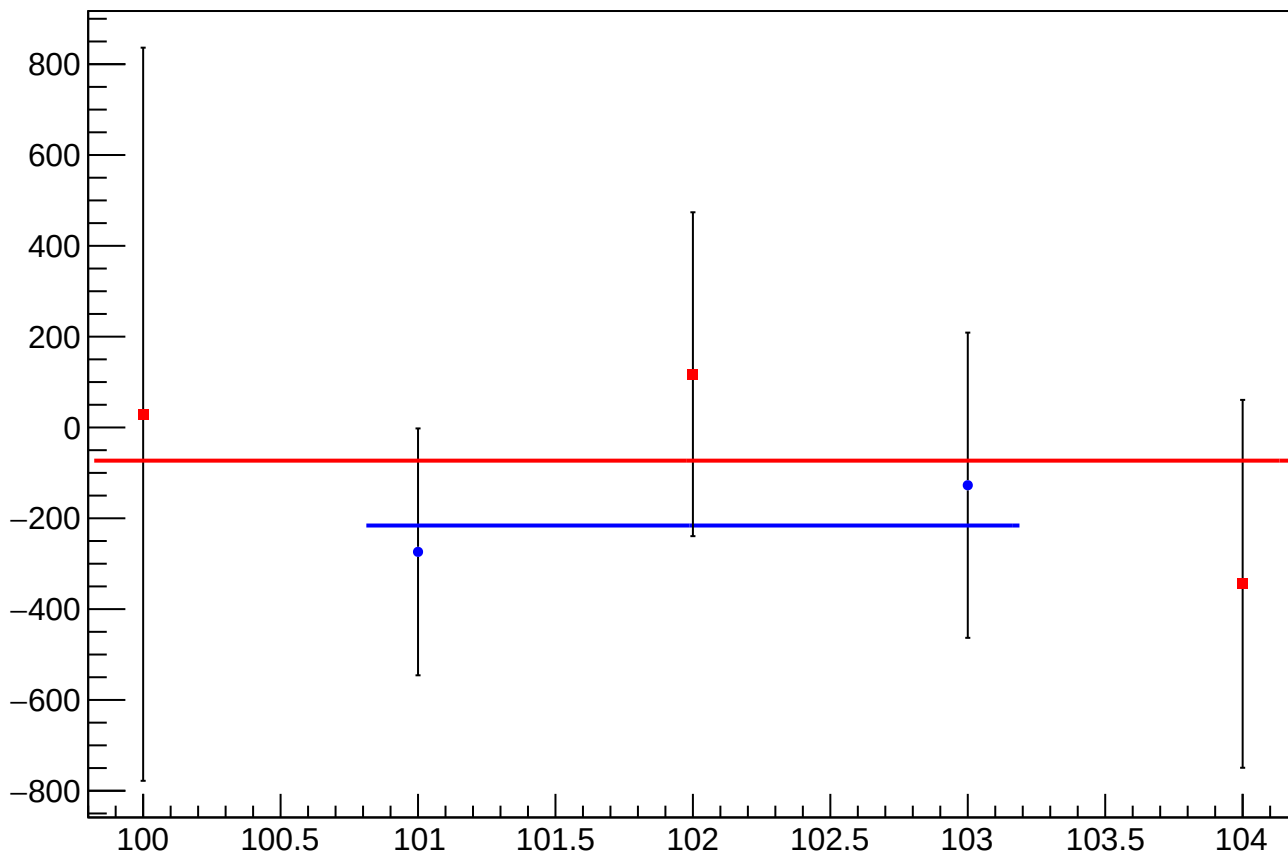
Right: 17.356 $\pm$ 0.008 χ^2 /NDF: 965.2/4

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: 17.356 $\pm$ 0.008 χ^2 /NDF: 965.2/4

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: -73.032+/-254.055 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

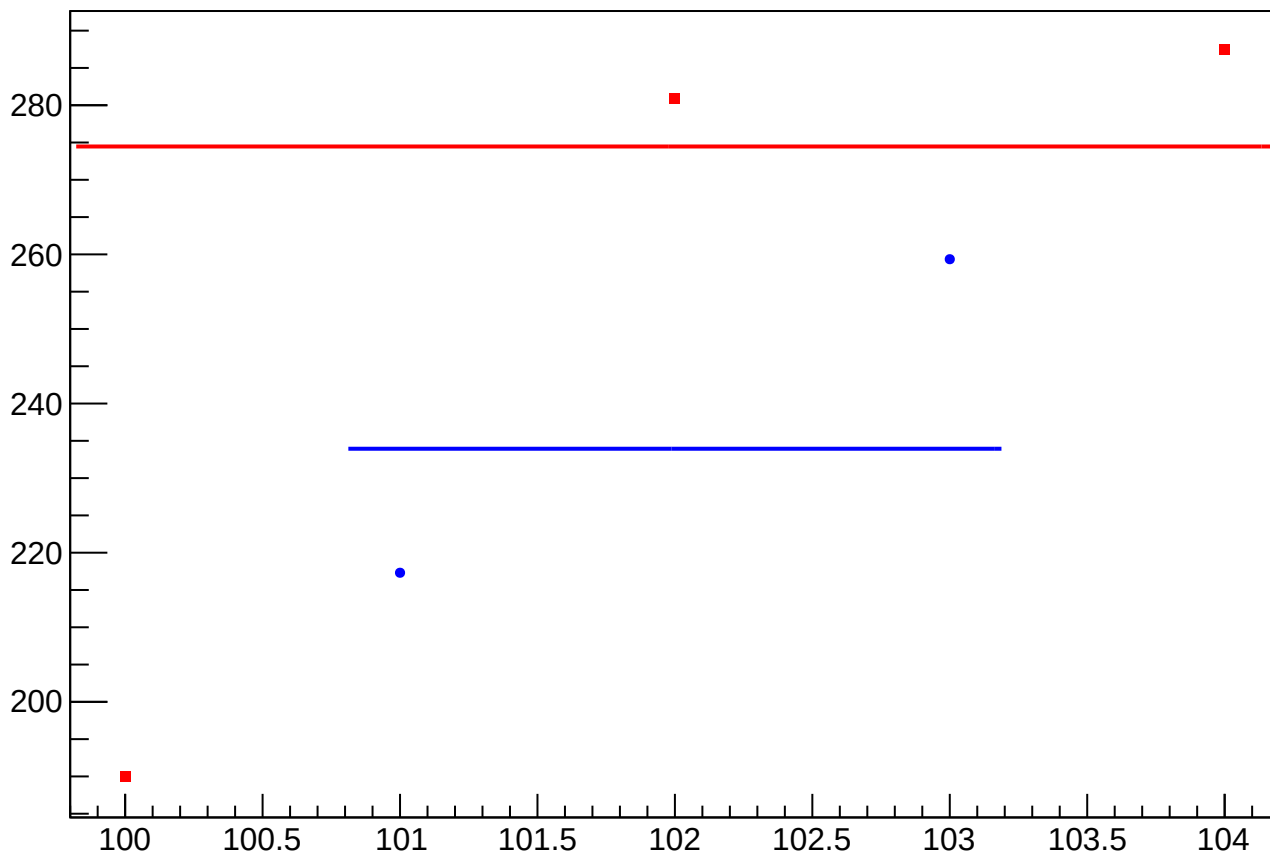
Right: -157.461+/-162.476 χ^2/NDF : 1.1/4

In: -215.890+/-211.347 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.461+/-162.476 χ^2/NDF : 1.1/4

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.467+/-0.180 χ^2/NDF : 24608.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

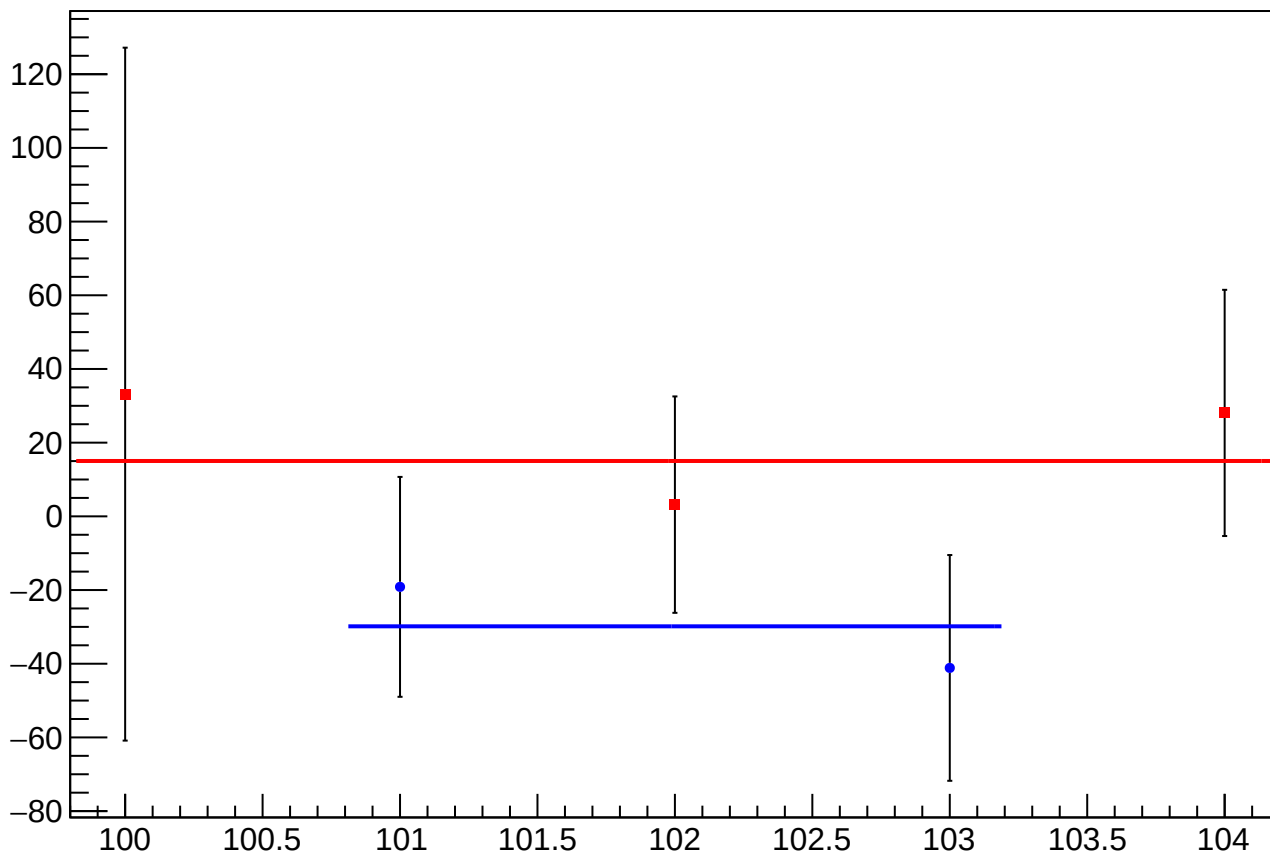
Right: 250.515+/-0.115 χ^2/NDF : 73609.1/4

In: 233.939+/-0.149 χ^2/NDF : 18921.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.515+/-0.115 χ^2/NDF : 73609.1/4

asym_bcm_dg_us_an_ds_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: 15.026 $\pm$ 21.475 χ^2 /NDF: 0.4/2

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

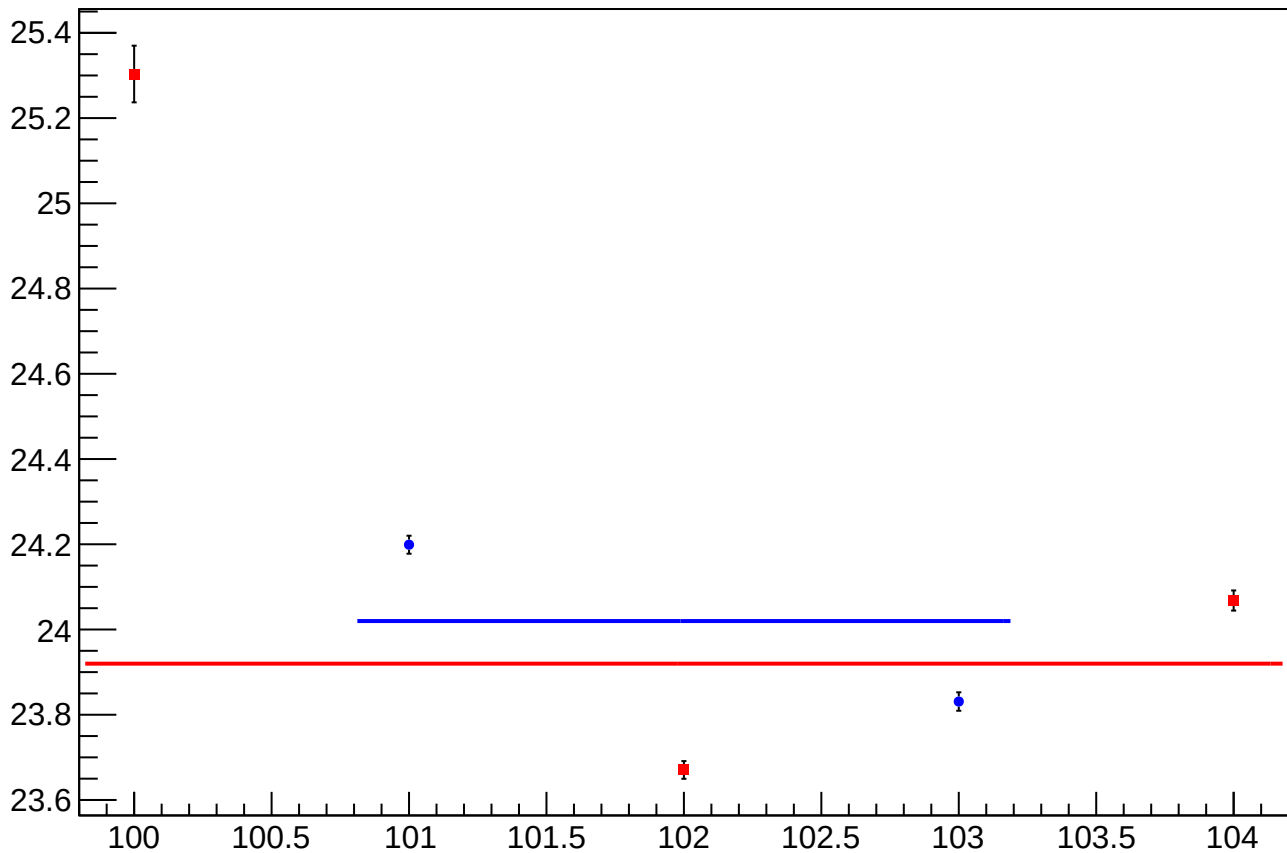
Right: -7.514 $\pm$ 15.150 χ^2 /NDF: 2.8/4

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: -7.514 $\pm$ 15.150 χ^2 /NDF: 2.8/4

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: 23.920 $\pm$ 0.015 χ^2 /NDF: 616.5/2

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

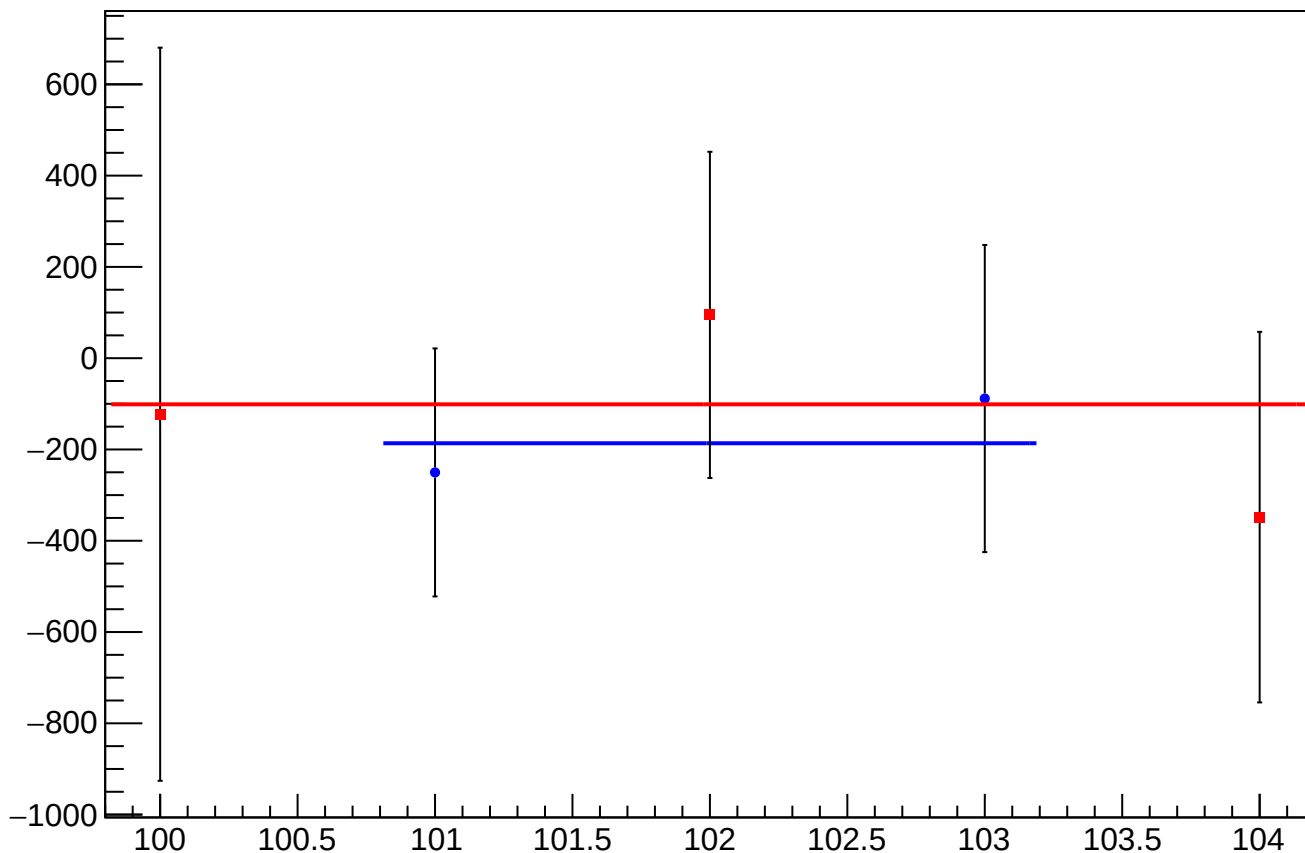
Right: 23.970 $\pm$ 0.011 χ^2 /NDF: 786.4/4

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: 23.970 $\pm$ 0.011 χ^2 /NDF: 786.4/4

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -186.390 $\pm$ 211.397 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -101.068 $\pm$ 254.431 χ^2 /NDF: 0.7/2

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

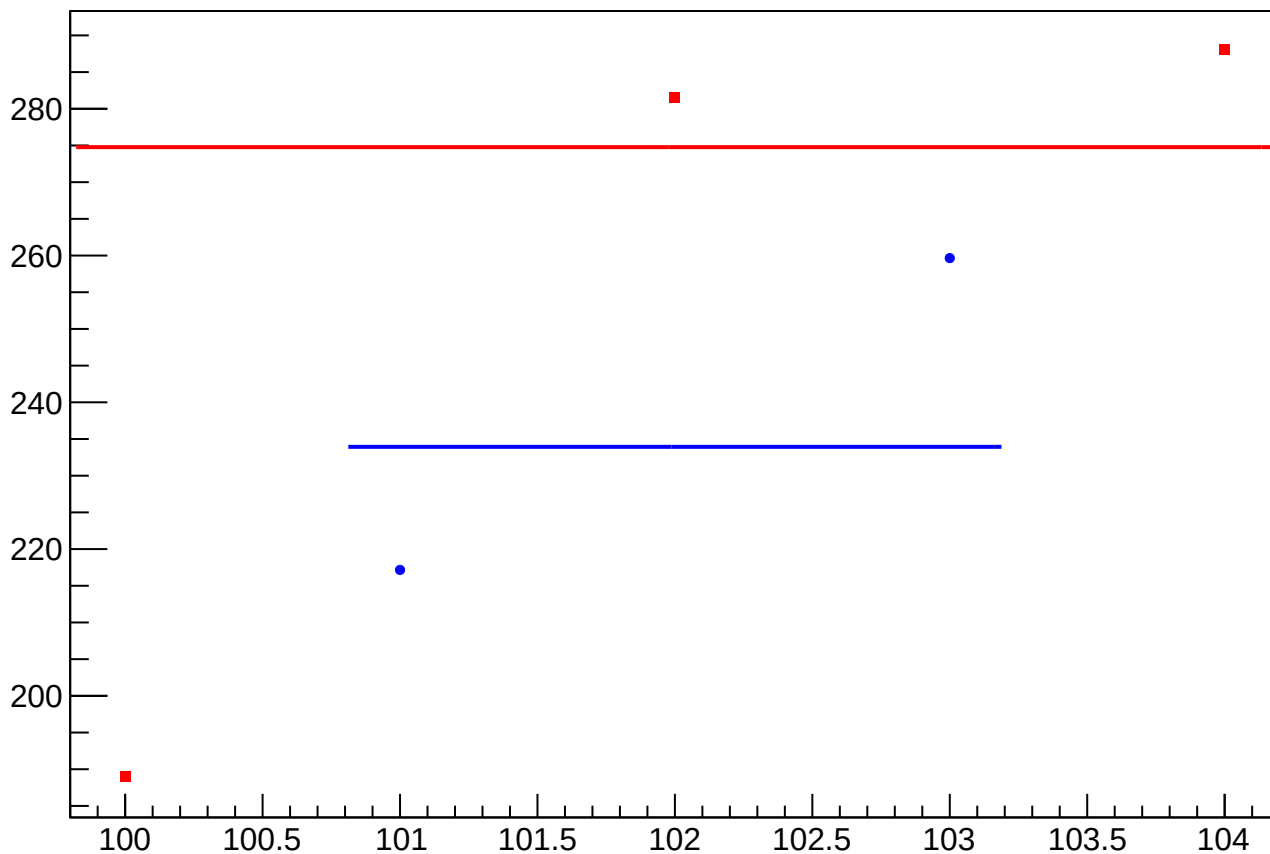
Right: -151.544 $\pm$ 162.597 χ^2 /NDF: 0.9/4

In: -186.390 $\pm$ 211.397 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -151.544 $\pm$ 162.597 χ^2 /NDF: 0.9/4

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: 274.774 $\pm$ 0.180 χ^2 /NDF: 25655.4/2

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

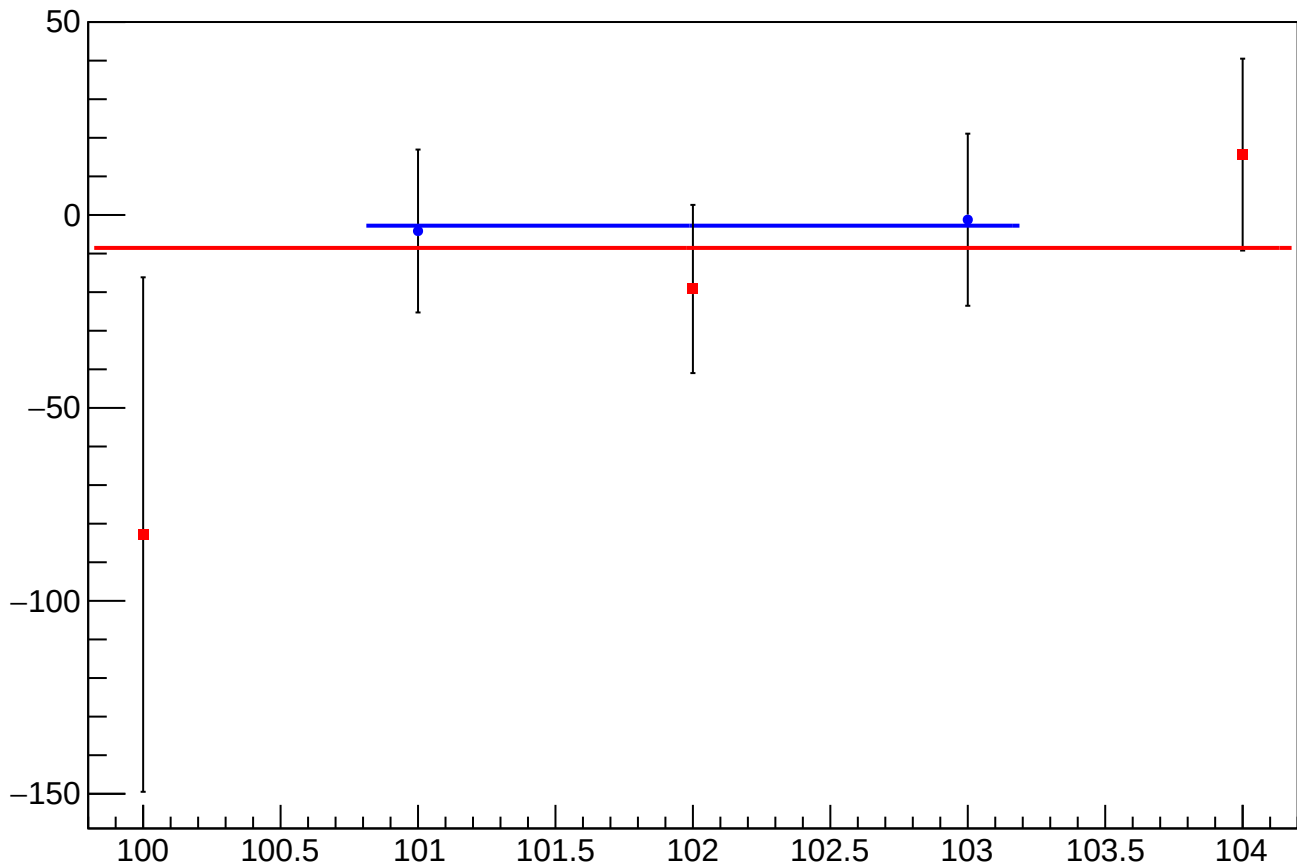
Right: 250.612 $\pm$ 0.115 χ^2 /NDF: 75449.3/4

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: 250.612 $\pm$ 0.115 χ^2 /NDF: 75449.3/4

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: -8.536+/-15.915 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

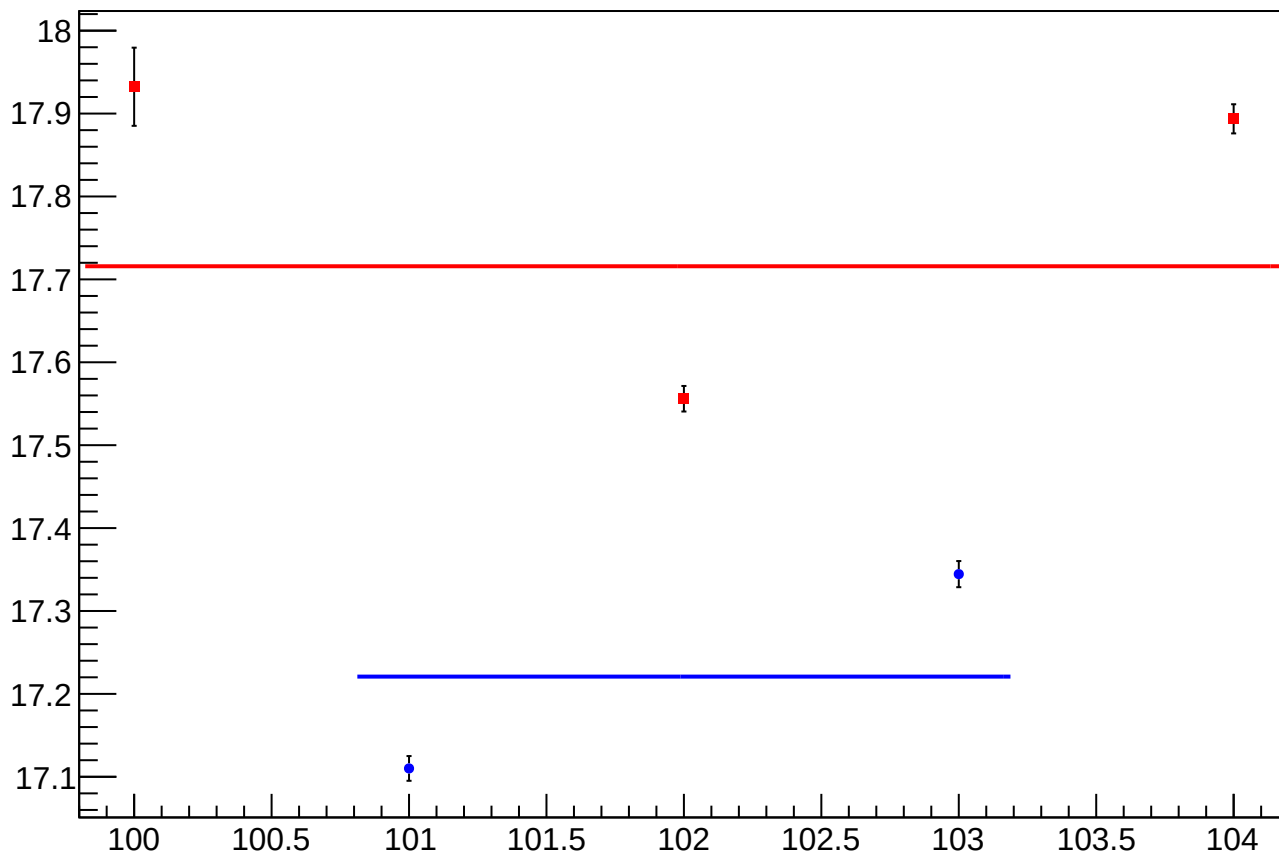
Right: -5.546+/-11.041 χ^2/NDF : 2.5/4

In: -2.773+/-15.330 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.546+/-11.041 χ^2/NDF : 2.5/4

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.221+/-0.011 χ^2 /NDF: 116.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.716+/-0.011 χ^2 /NDF: 230.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

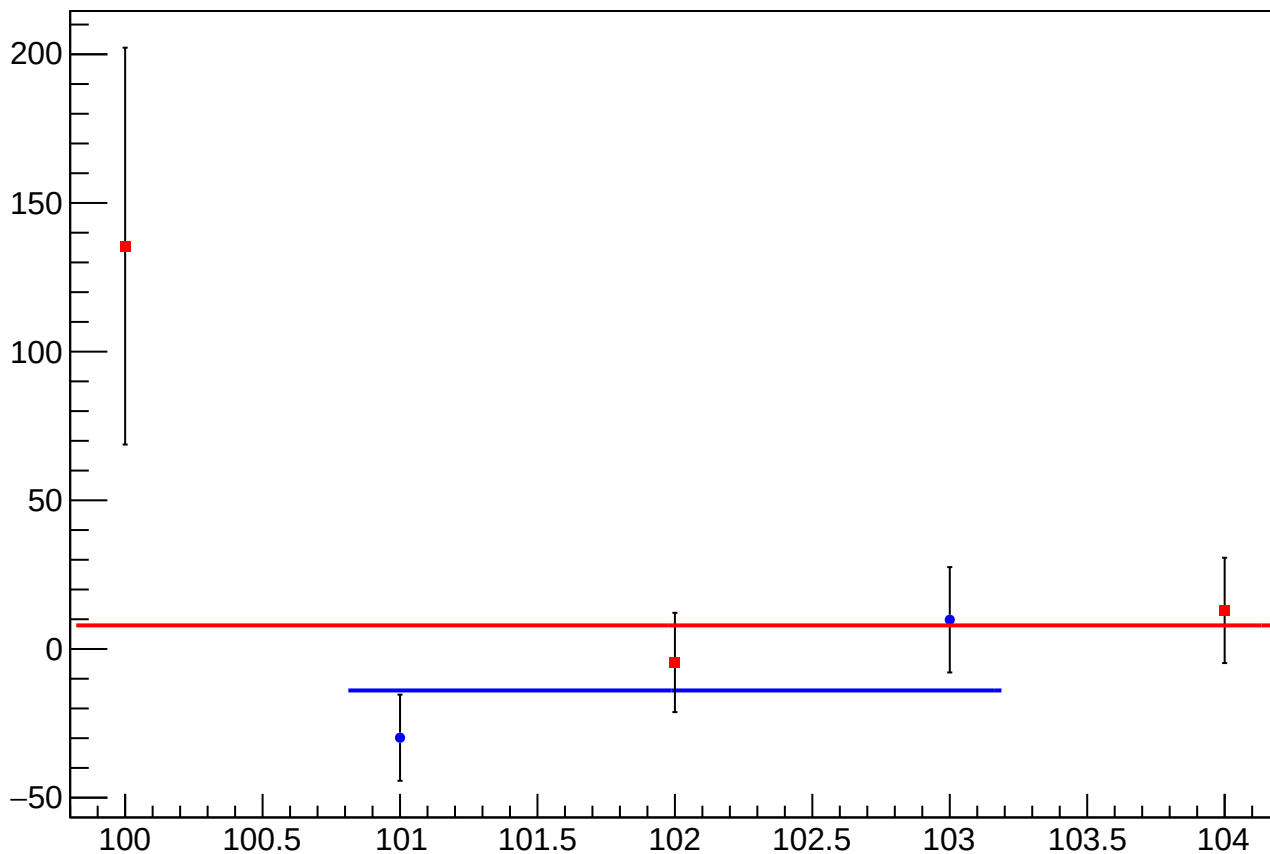
Right: 17.459+/-0.008 χ^2 /NDF: 1351.0/4

In: 17.221+/-0.011 χ^2 /NDF:116.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.459+/-0.008 χ^2 /NDF: 1351.0/4

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: 7.933 $\pm$ 11.953 χ^2 /NDF: 4.3/2

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

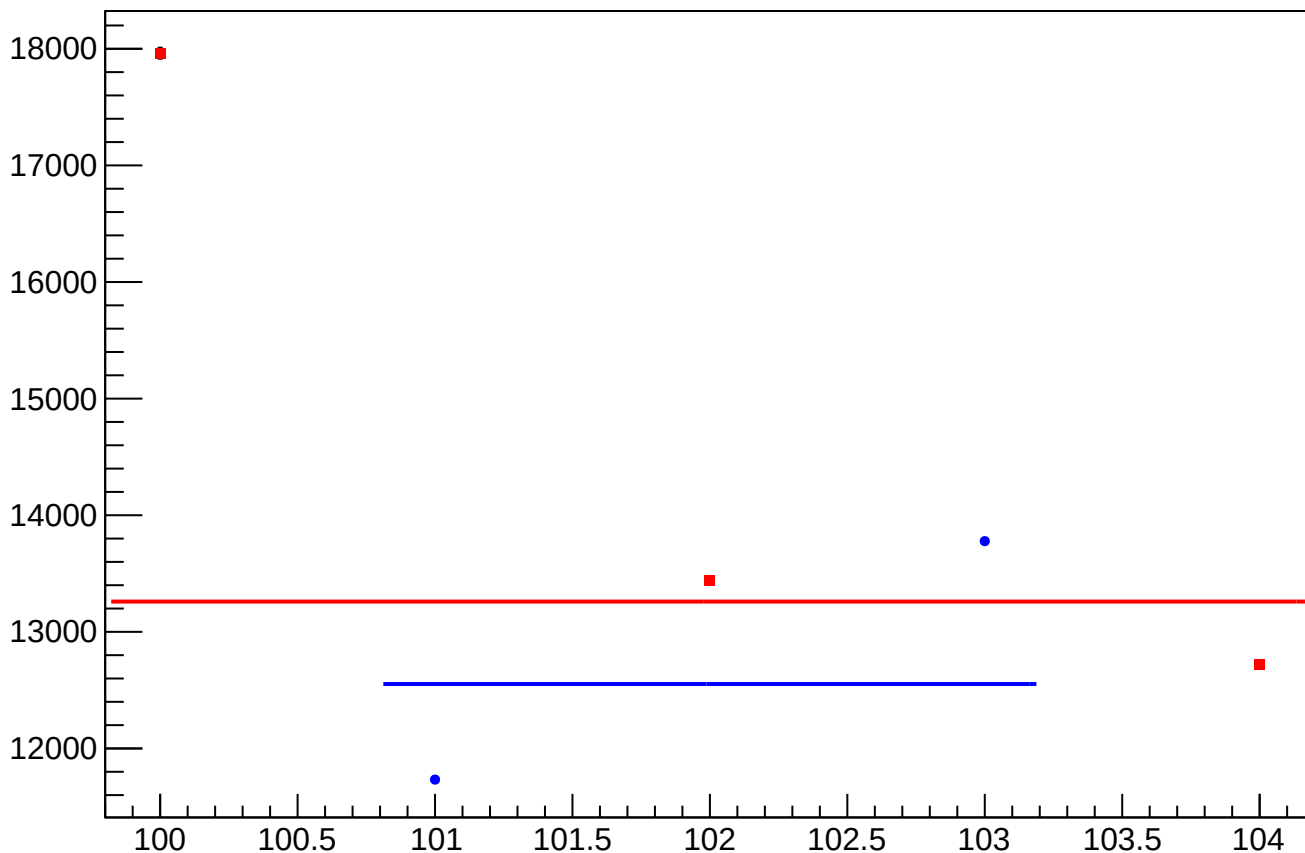
Right: -3.704 $\pm$ 8.178 χ^2 /NDF: 9.1/4

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: -3.704 $\pm$ 8.178 χ^2 /NDF: 9.1/4

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: 13259.676+/-8.452 χ^2/NDF : 12014.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

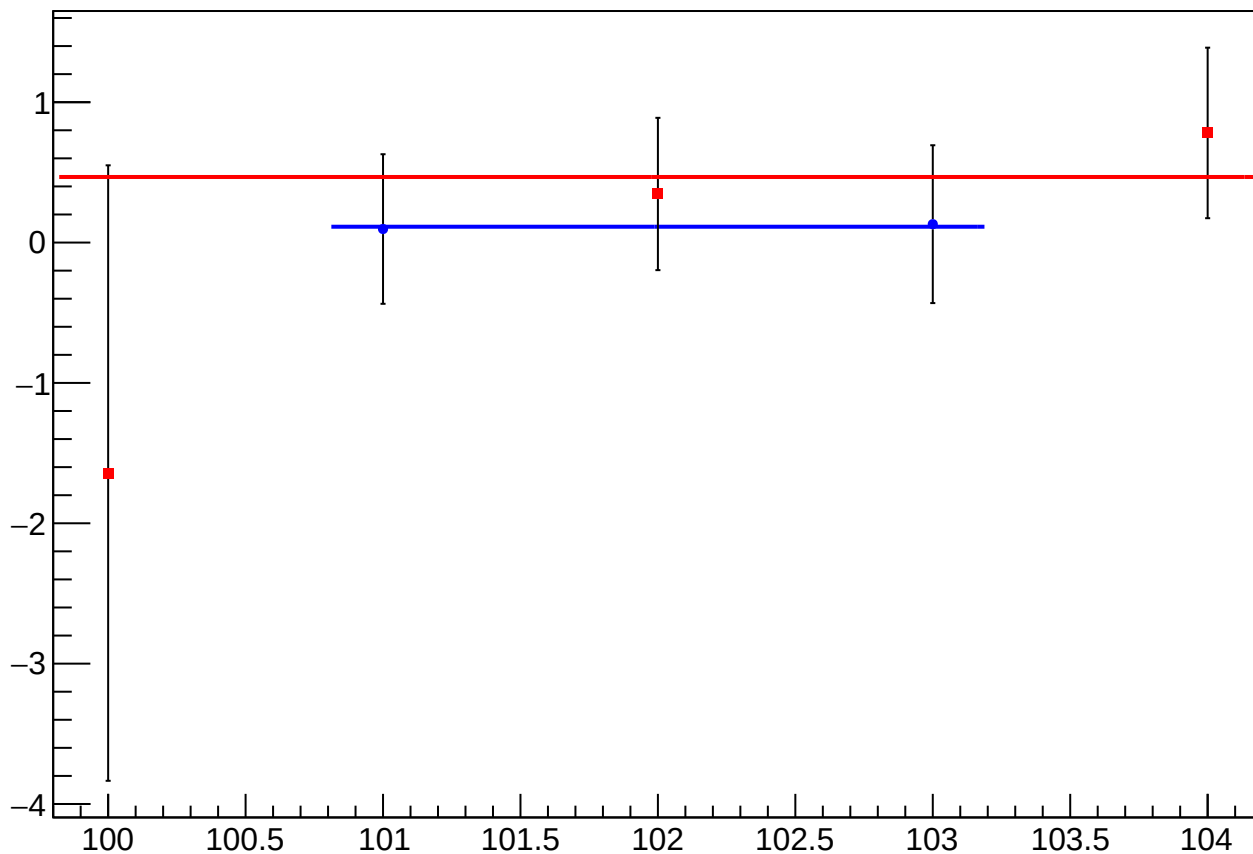
Right: 12883.624+/-5.783 χ^2/NDF : 31713.0/4

In: 12552.650+/-7.929 χ^2/NDF : 15976.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12883.624+/-5.783 χ^2/NDF : 31713.0/4

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: 0.467 $\pm$ 0.398 χ^2 /NDF: 1.2/2

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

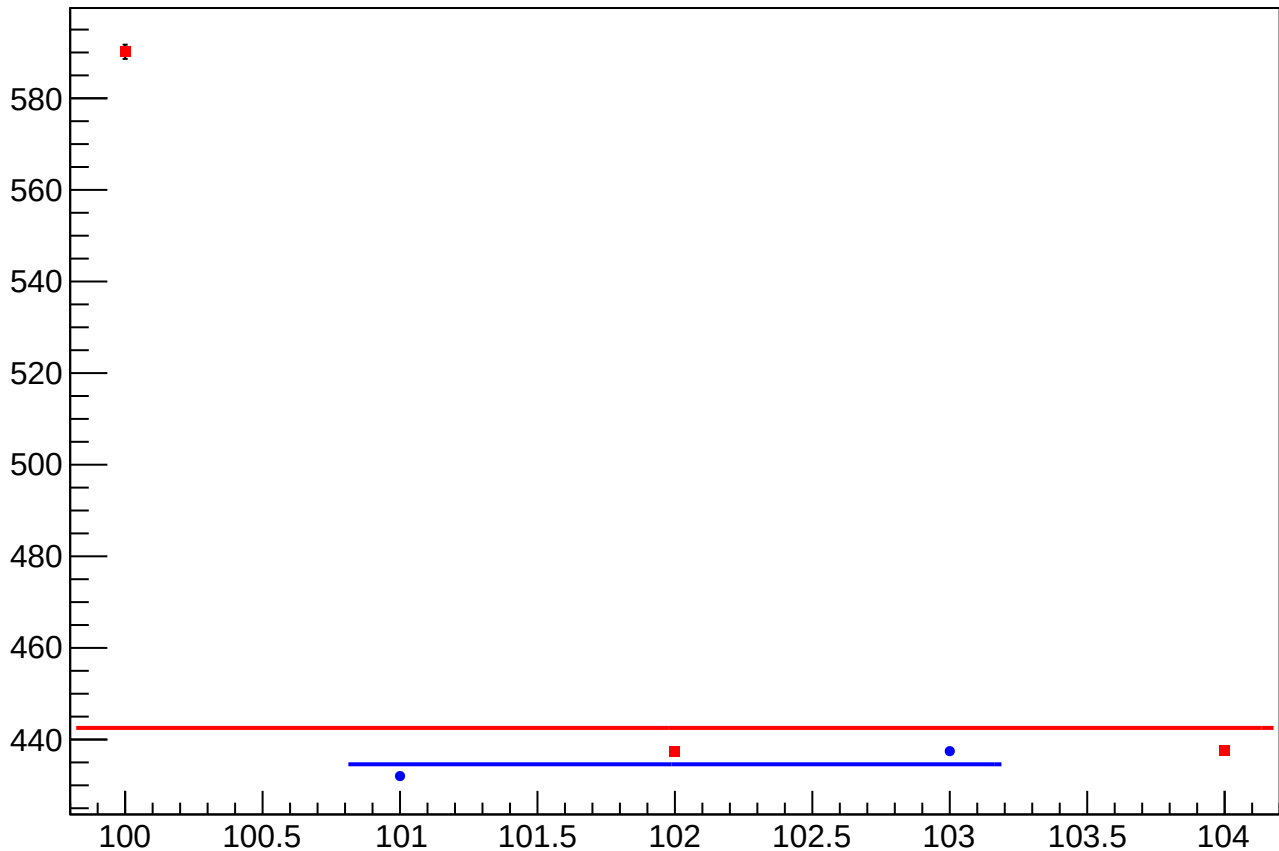
Right: 0.285 $\pm$ 0.277 χ^2 /NDF: 1.7/4

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: 0.285 $\pm$ 0.277 χ^2 /NDF: 1.7/4

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 434.593+/-0.273 χ^2/NDF : 98.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.538+/-0.281 χ^2/NDF : 9374.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

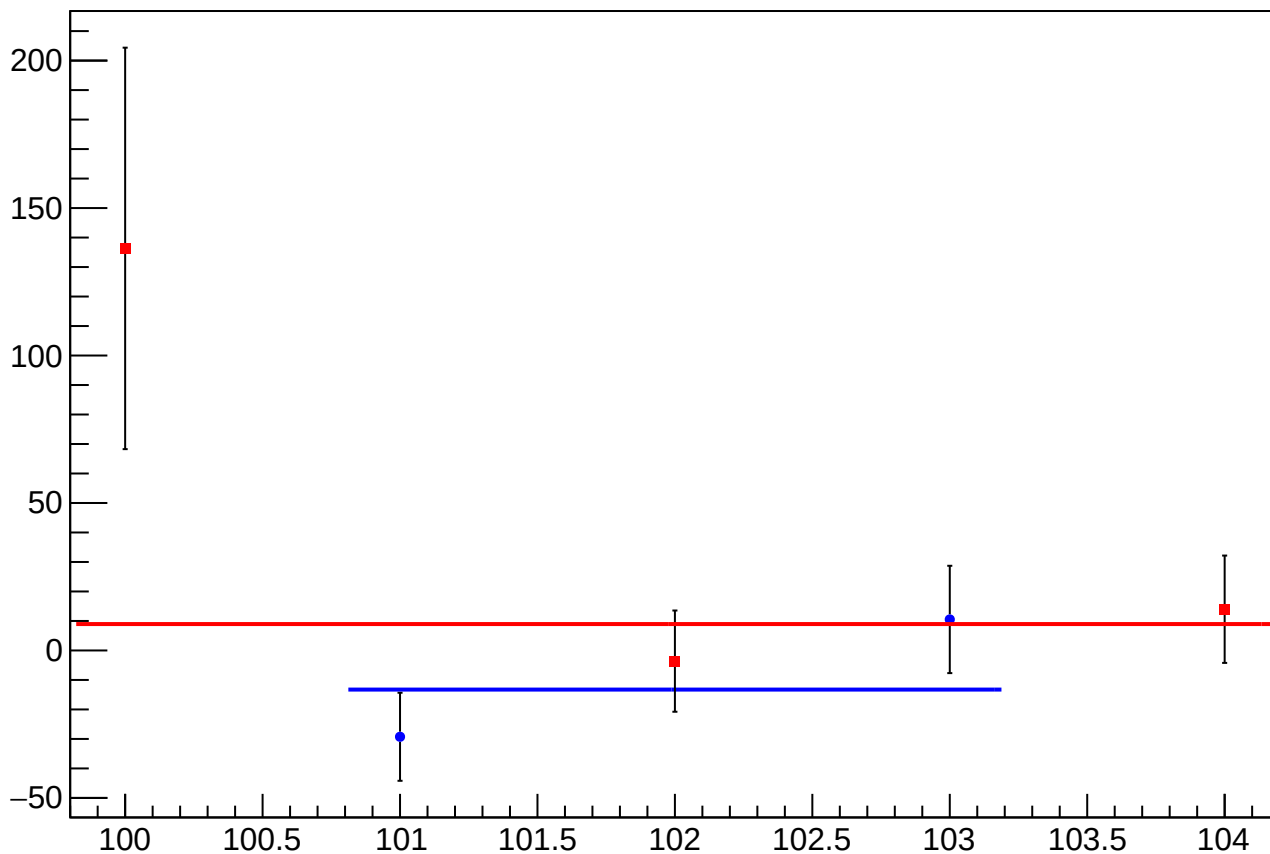
Right: 438.453+/-0.196 χ^2/NDF : 9883.3/4

In: 434.593+/-0.273 χ^2/NDF : 98.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.453+/-0.196 χ^2/NDF : 9883.3/4

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -13.265+/-11.540 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.951+/-12.280 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

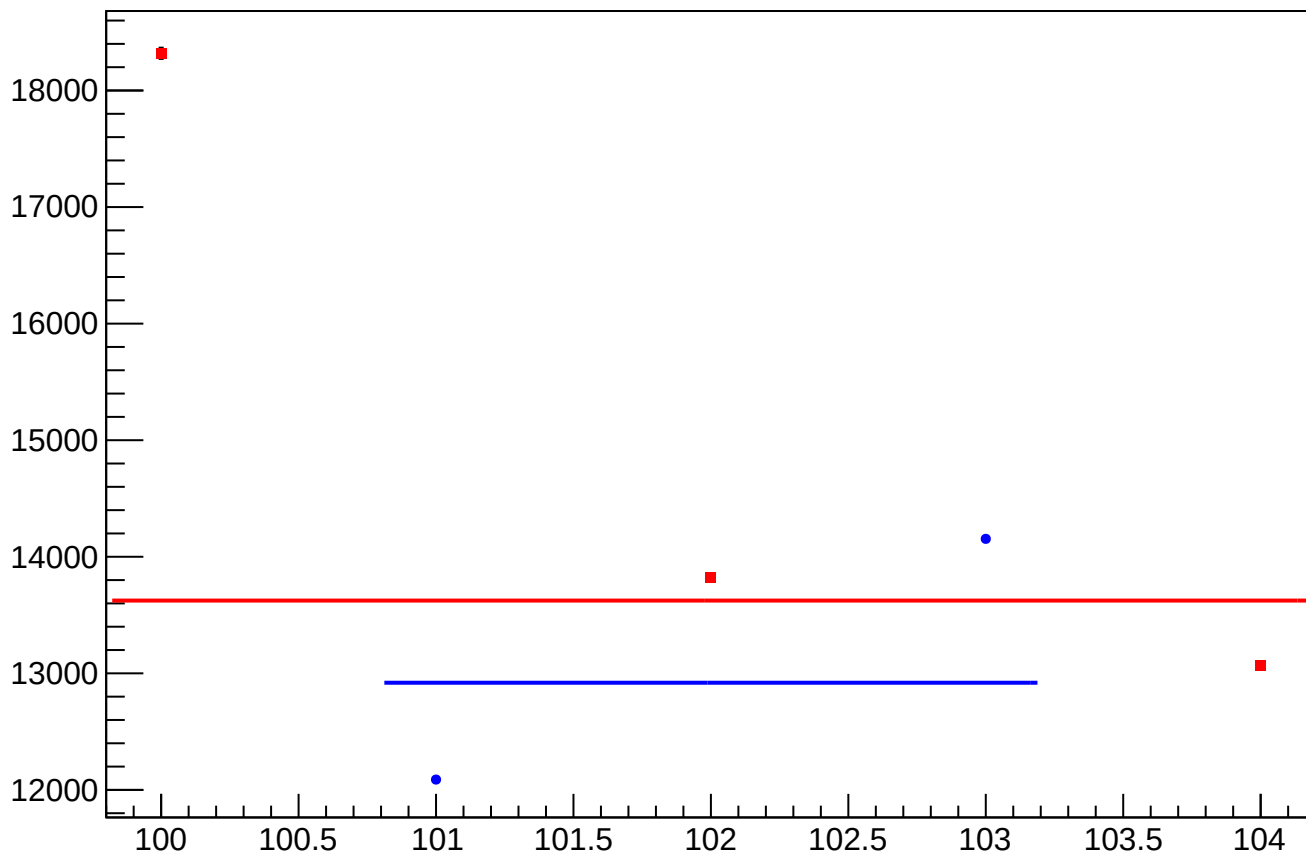
Right: -2.846+/-8.409 χ^2/NDF : 8.7/4

In: -13.265+/-11.540 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.846+/-8.409 χ^2/NDF : 8.7/4

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: 13624.299+/-8.683 χ^2/NDF : 11633.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

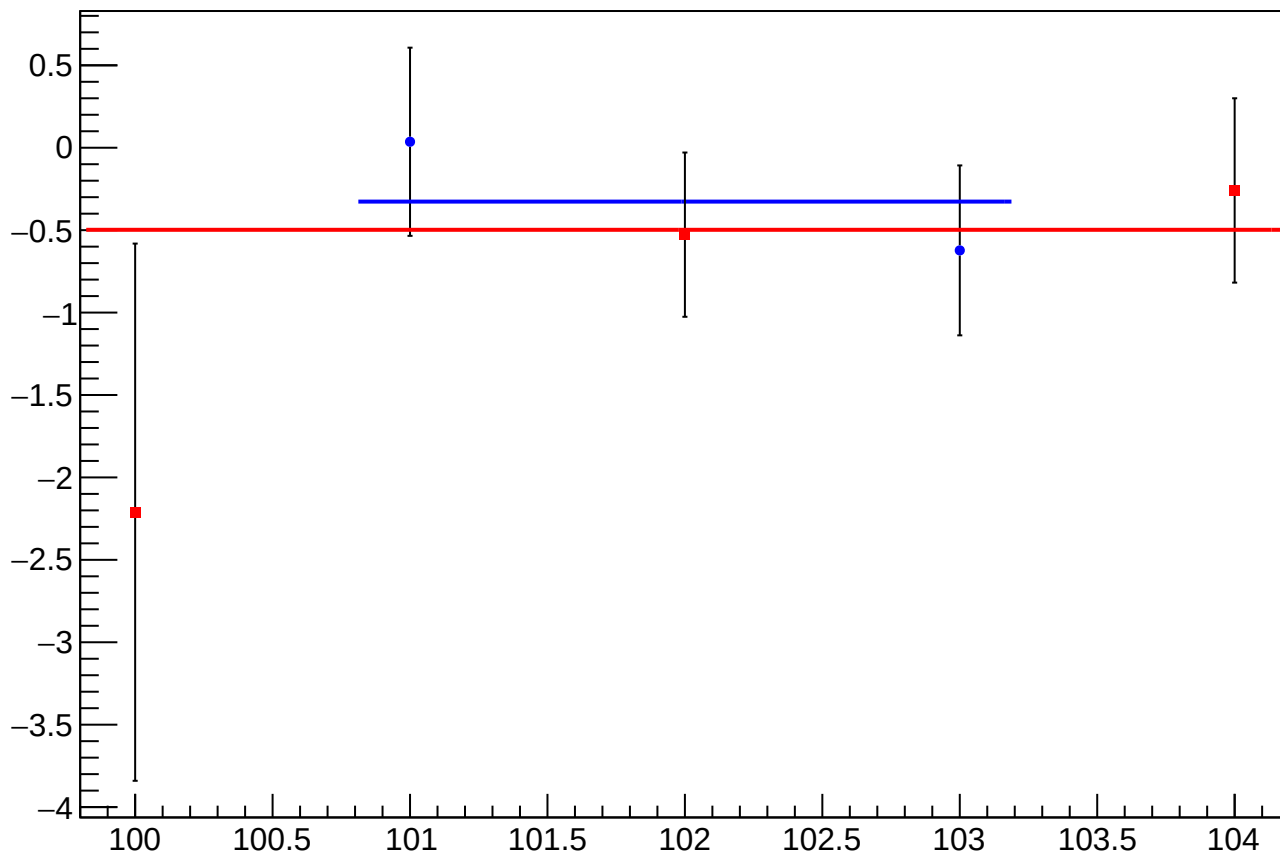
Right: 13249.951+/-5.946 χ^2/NDF : 30533.1/4

In: 12919.365+/-8.160 χ^2/NDF : 15399.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13249.951+/-5.946 χ^2/NDF : 30533.1/4

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: -0.498 $\pm$ 0.363 χ^2 /NDF: 1.3/2

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

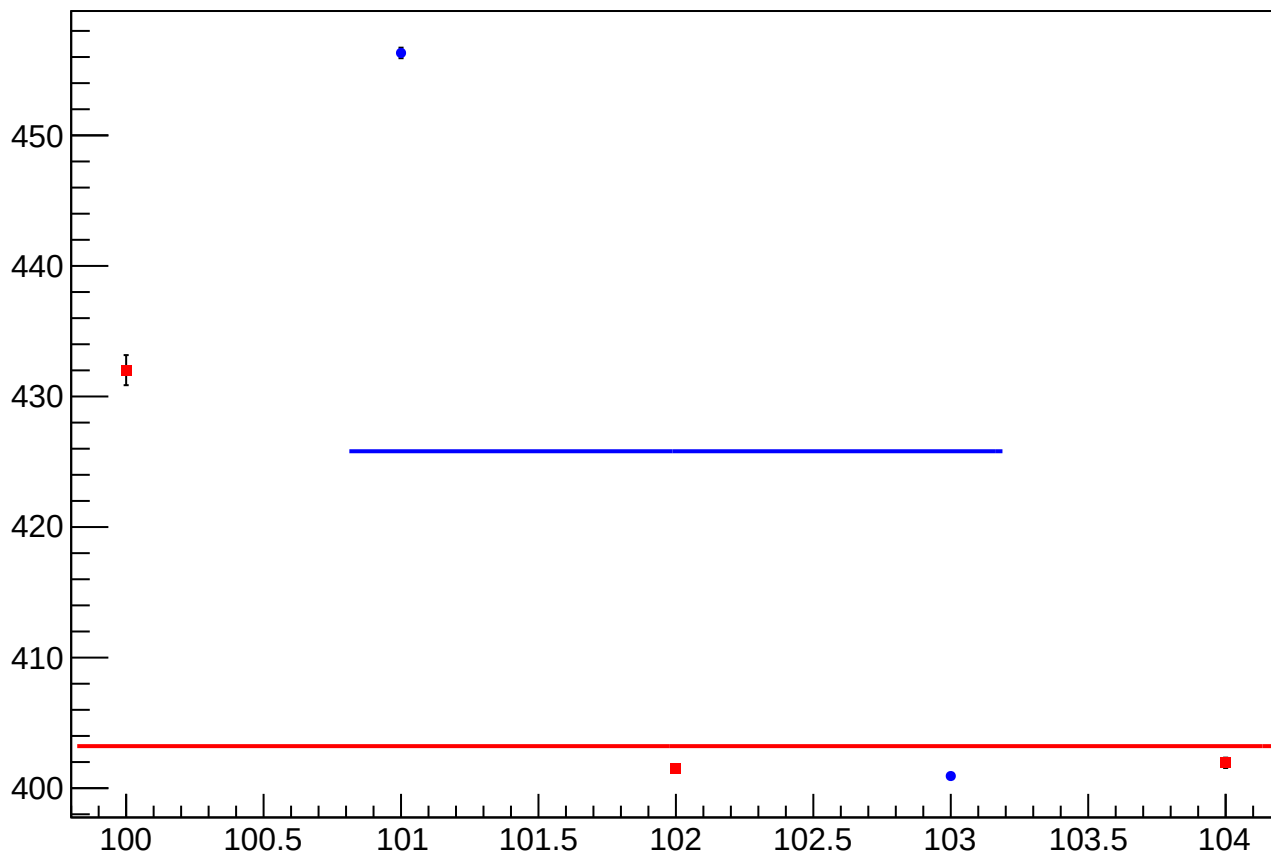
Right: -0.417 $\pm$ 0.263 χ^2 /NDF: 2.1/4

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: -0.417 $\pm$ 0.263 χ^2 /NDF: 2.1/4

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 425.805 $\pm$ 0.270 χ^2 /NDF: 10372.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 403.219 $\pm$ 0.256 χ^2 /NDF: 657.8/2

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

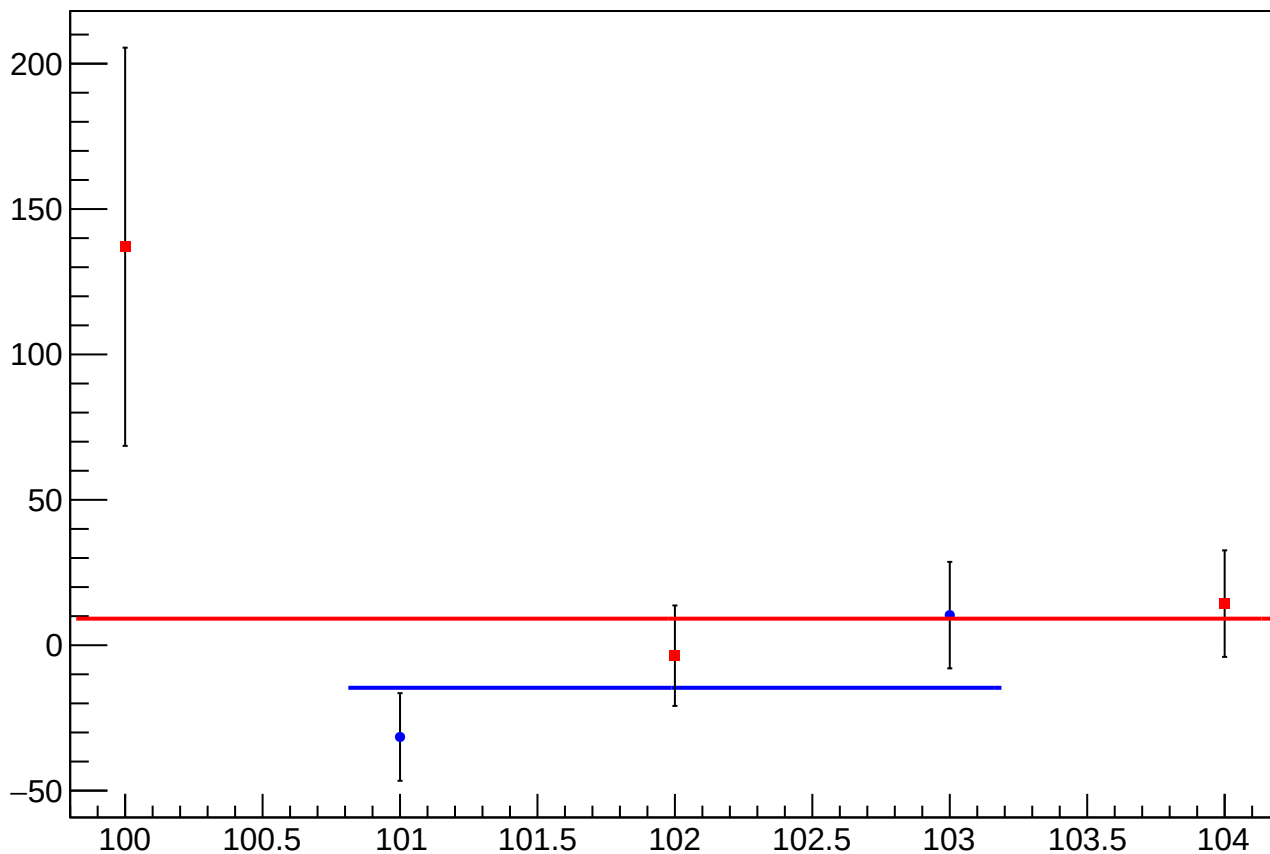
Right: 413.910 $\pm$ 0.186 χ^2 /NDF: 14701.7/4

In: 425.805 $\pm$ 0.270 χ^2 /NDF: 10372.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.910 $\pm$ 0.186 χ^2 /NDF: 14701.7/4

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: 9.139 $\pm$ 12.361 χ^2 /NDF: 4.1/2

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

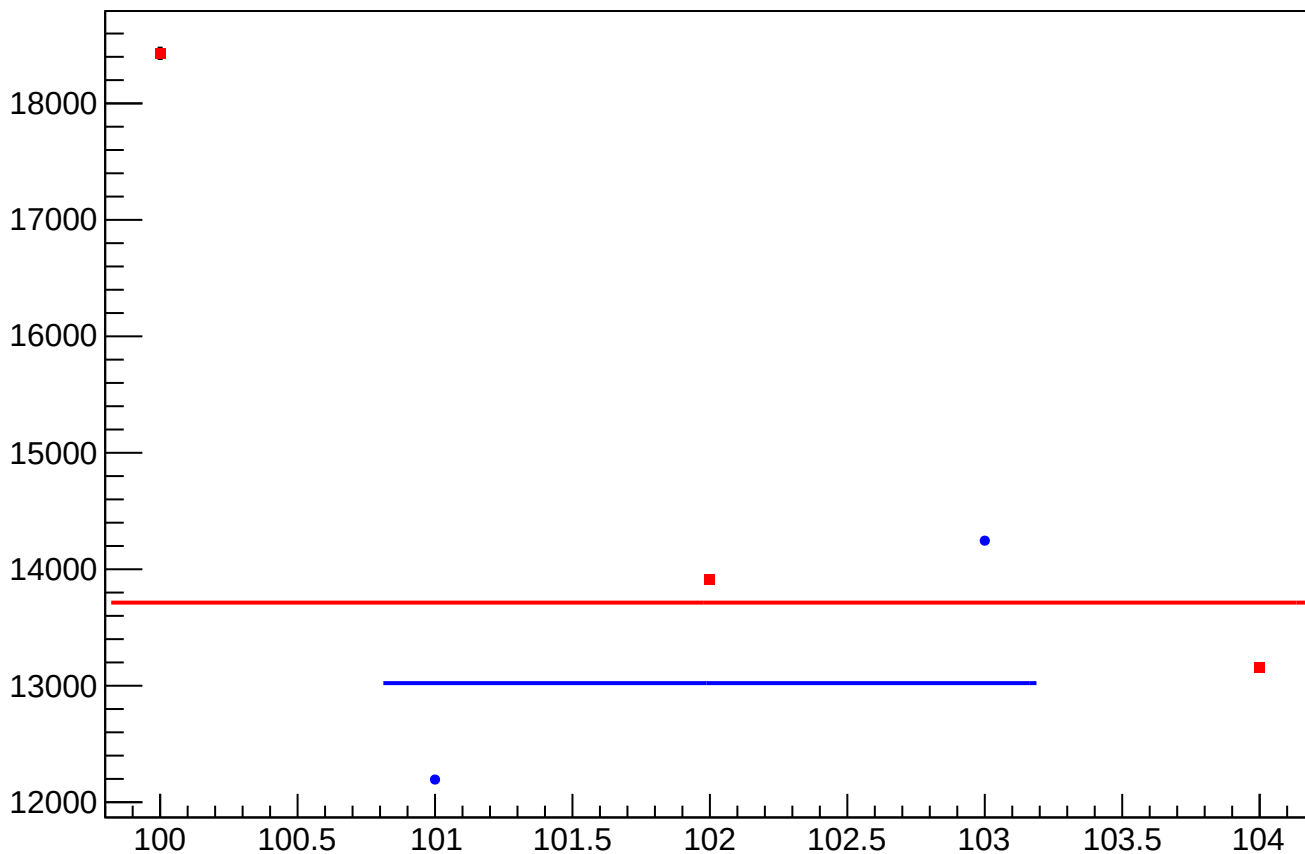
Right: -3.465 $\pm$ 8.472 χ^2 /NDF: 9.2/4

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: -3.465 $\pm$ 8.472 χ^2 /NDF: 9.2/4

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: 13713.674+/-8.740 χ^2/NDF : 11609.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

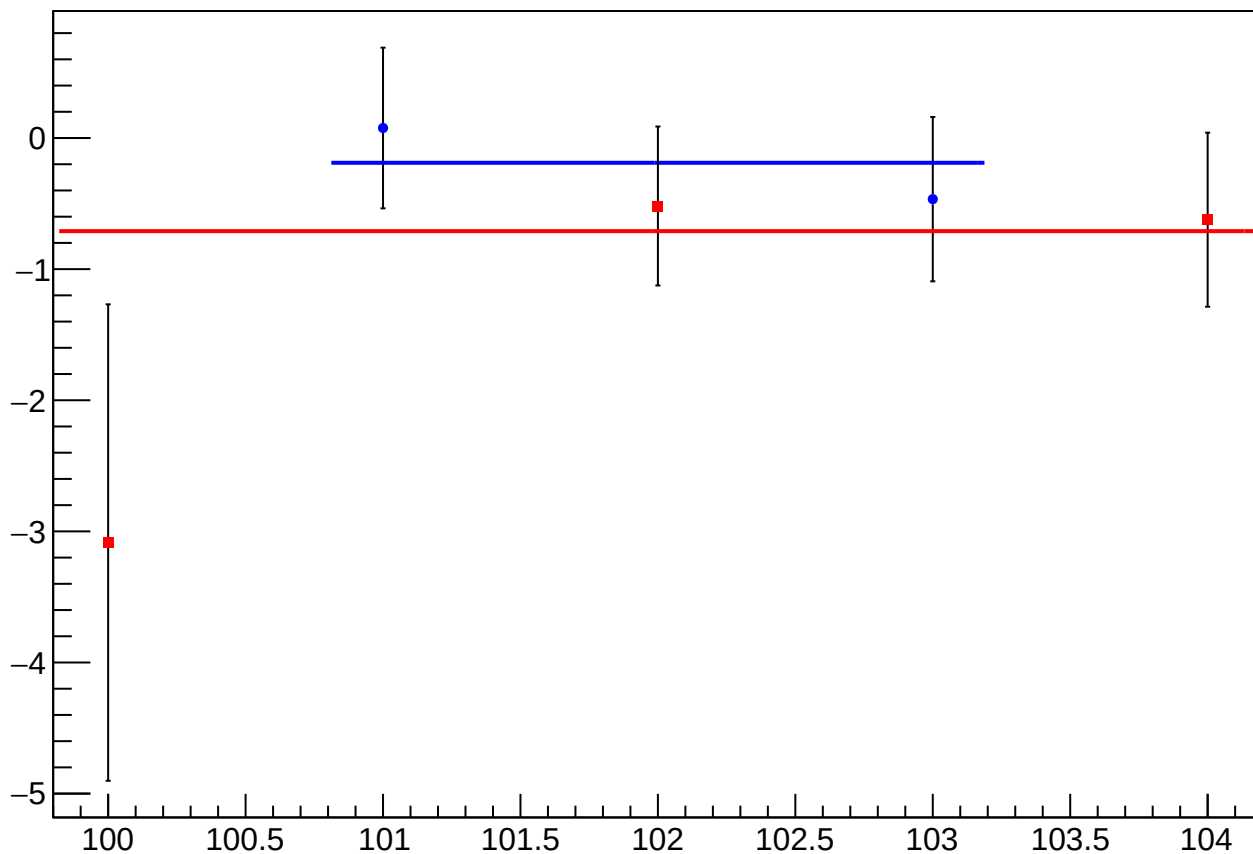
Right: 13347.219+/-5.991 χ^2/NDF : 29885.9/4

In: 13022.479+/-8.228 χ^2/NDF : 14961.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13347.219+/-5.991 χ^2/NDF : 29885.9/4

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.189 $\pm$ 0.438 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.710 $\pm$ 0.435 χ^2 /NDF: 1.8/2

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

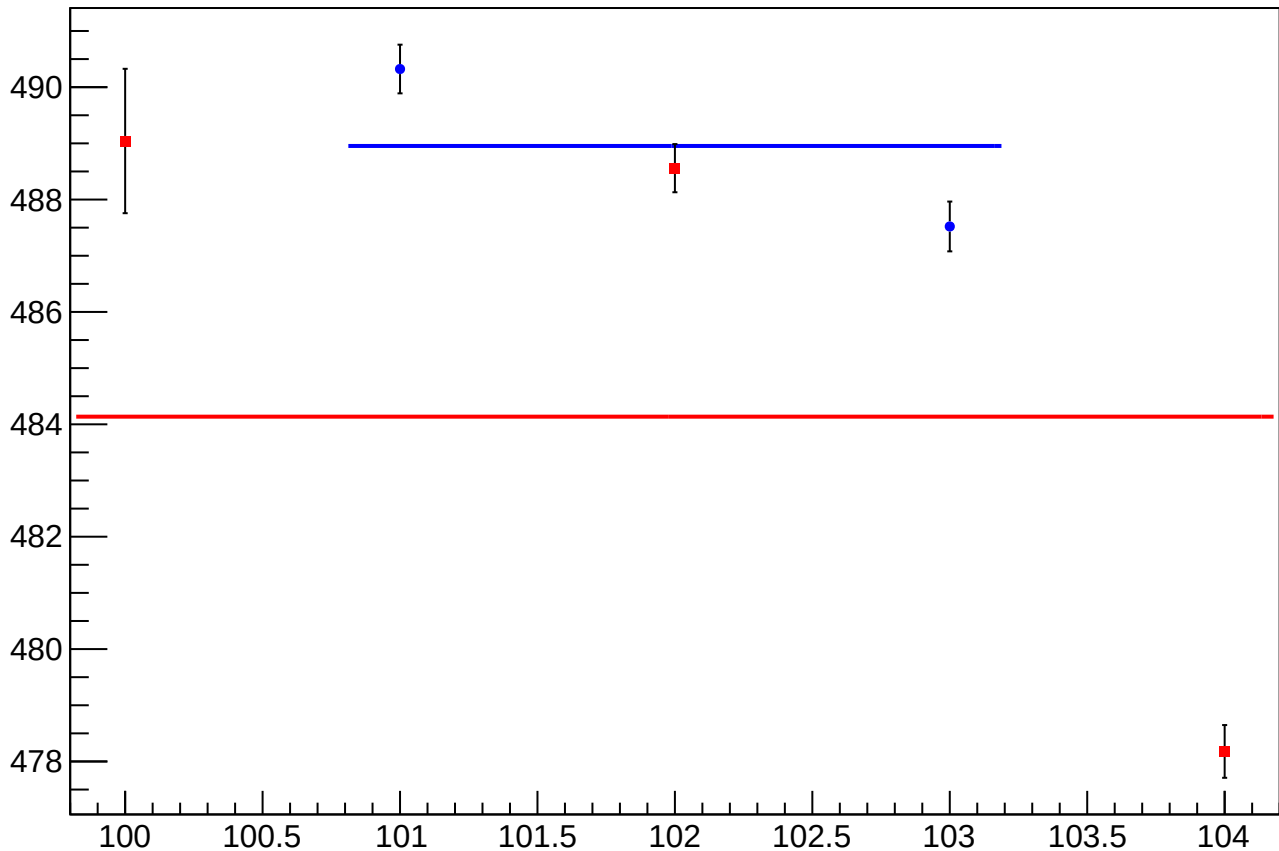
Right: -0.452 $\pm$ 0.309 χ^2 /NDF: 2.9/4

In: -0.189 $\pm$ 0.438 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.452 $\pm$ 0.309 χ^2 /NDF: 2.9/4

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: 484.136 $\pm$ 0.307 χ^2 /NDF: 282.1/2

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

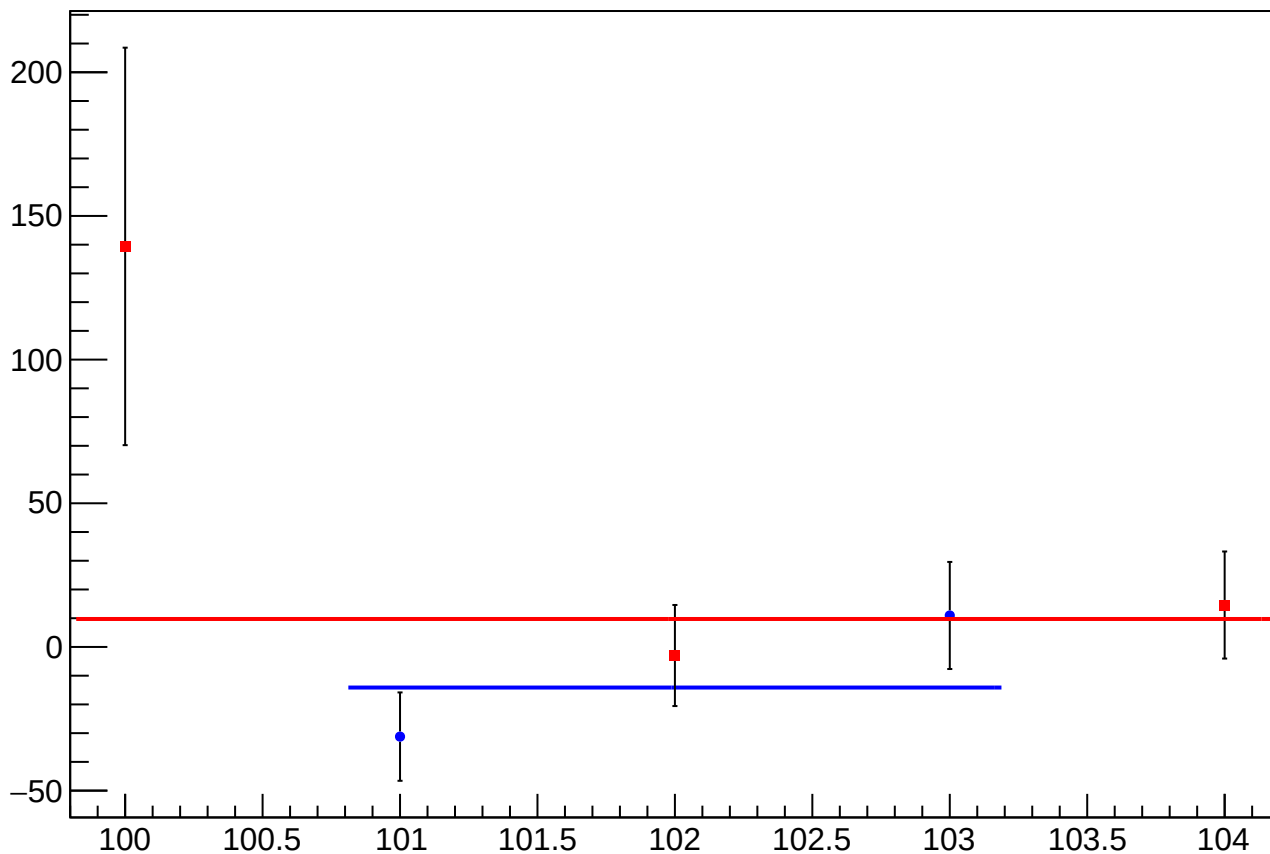
Right: 486.526 $\pm$ 0.218 χ^2 /NDF: 424.5/4

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: 486.526 $\pm$ 0.218 χ^2 /NDF: 424.5/4

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -14.124+/-11.860 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.734+/-12.577 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

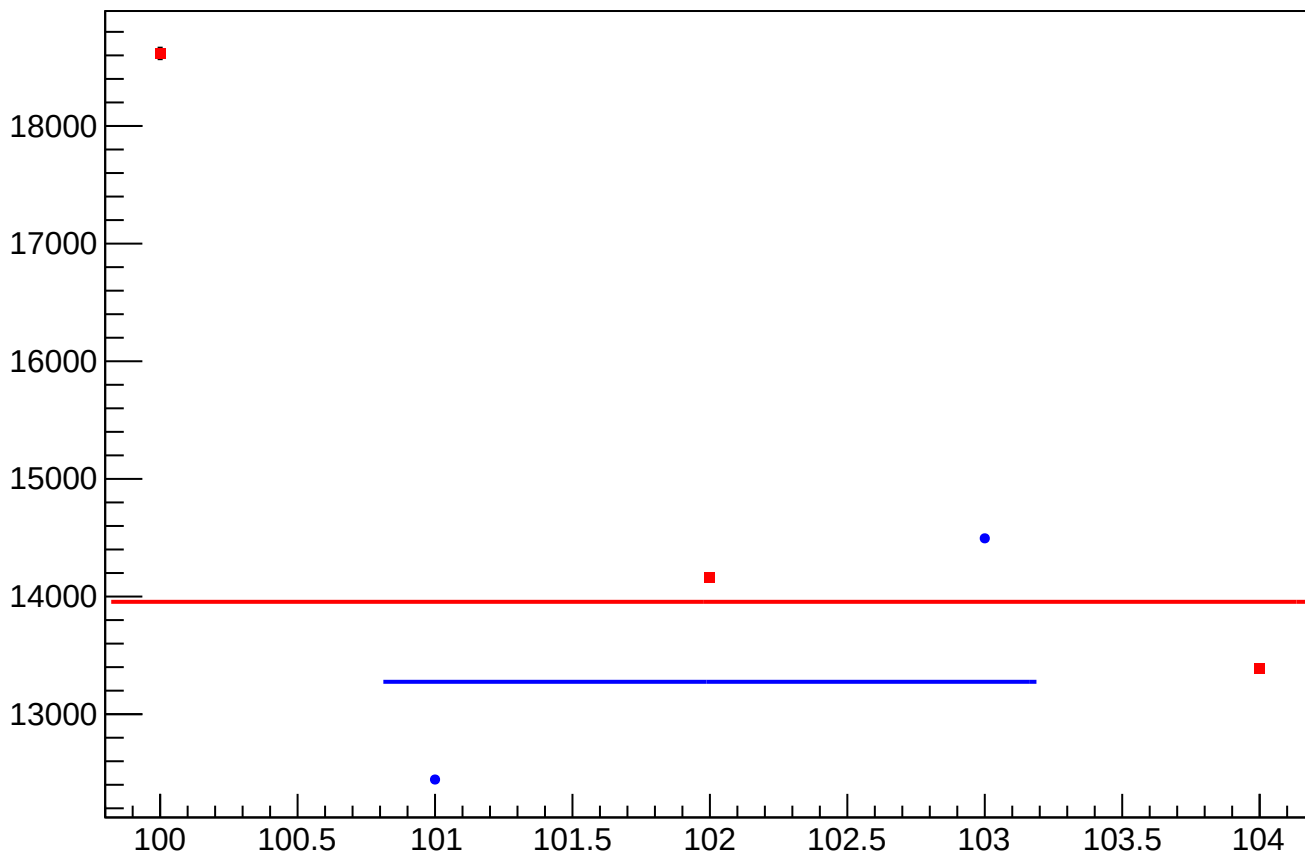
Right: -2.895+/-8.629 χ^2/NDF : 9.1/4

In: -14.124+/-11.860 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.895+/-8.629 χ^2/NDF : 9.1/4

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: 13955.228+/-8.893 χ^2/NDF : 11240.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

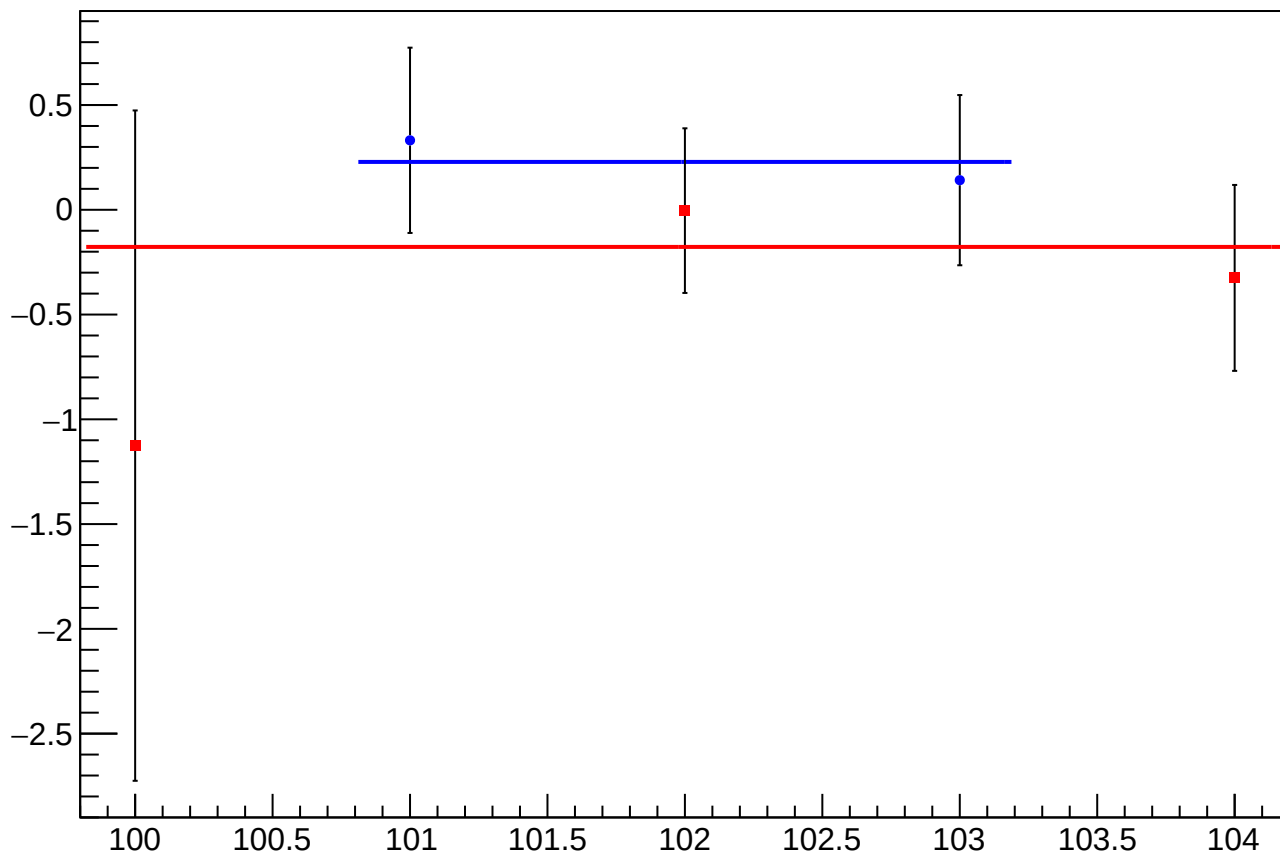
Right: 13595.344+/-6.101 χ^2/NDF : 28738.1/4

In: 13275.316+/-8.386 χ^2/NDF : 14403.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13595.344+/-6.101 χ^2/NDF : 28738.1/4

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: -0.177+/-0.289 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

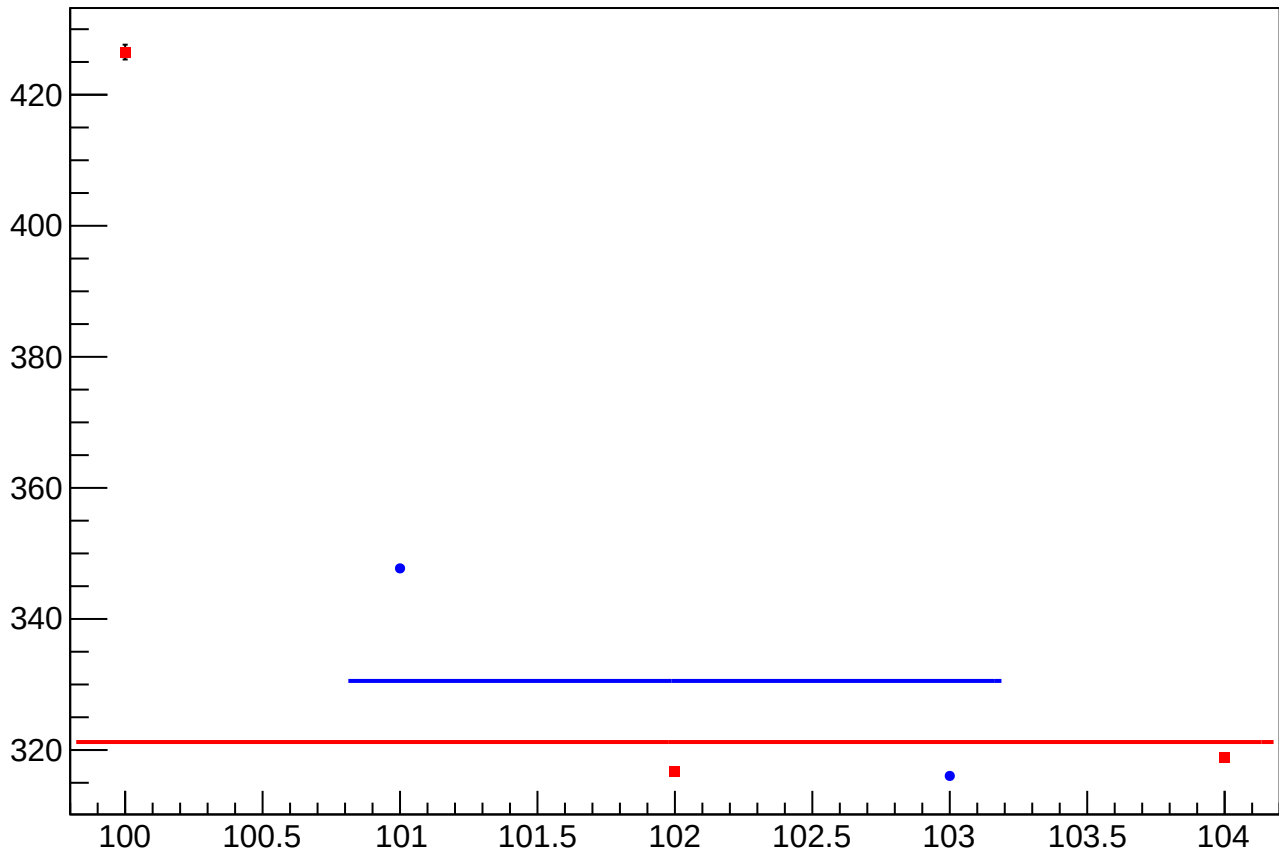
Right: 0.019+/-0.208 χ^2/NDF : 1.7/4

In: 0.228+/-0.299 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.208 χ^2/NDF : 1.7/4

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 330.544 ± 0.212 $\chi^2/\text{NDF}: 5565.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 321.219 ± 0.205 $\chi^2/\text{NDF}: 8983.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

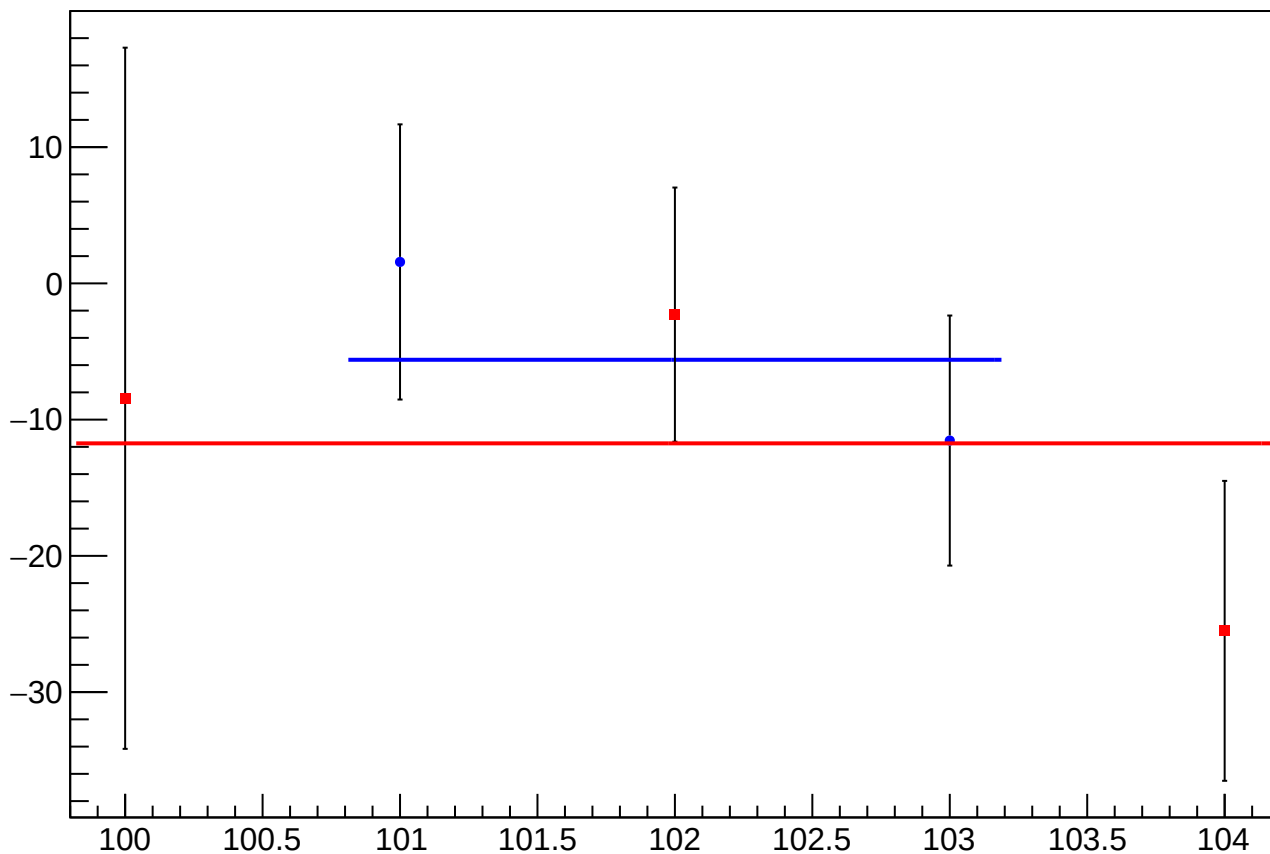
Right: 325.726 ± 0.147 $\chi^2/\text{NDF}: 15552.4/4$

In: 330.544 ± 0.212 $\chi^2/\text{NDF}: 5565.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 325.726 ± 0.147 $\chi^2/\text{NDF}: 15552.4/4$

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: -11.742 $\pm$ 6.858 χ^2 /NDF: 2.6/2

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

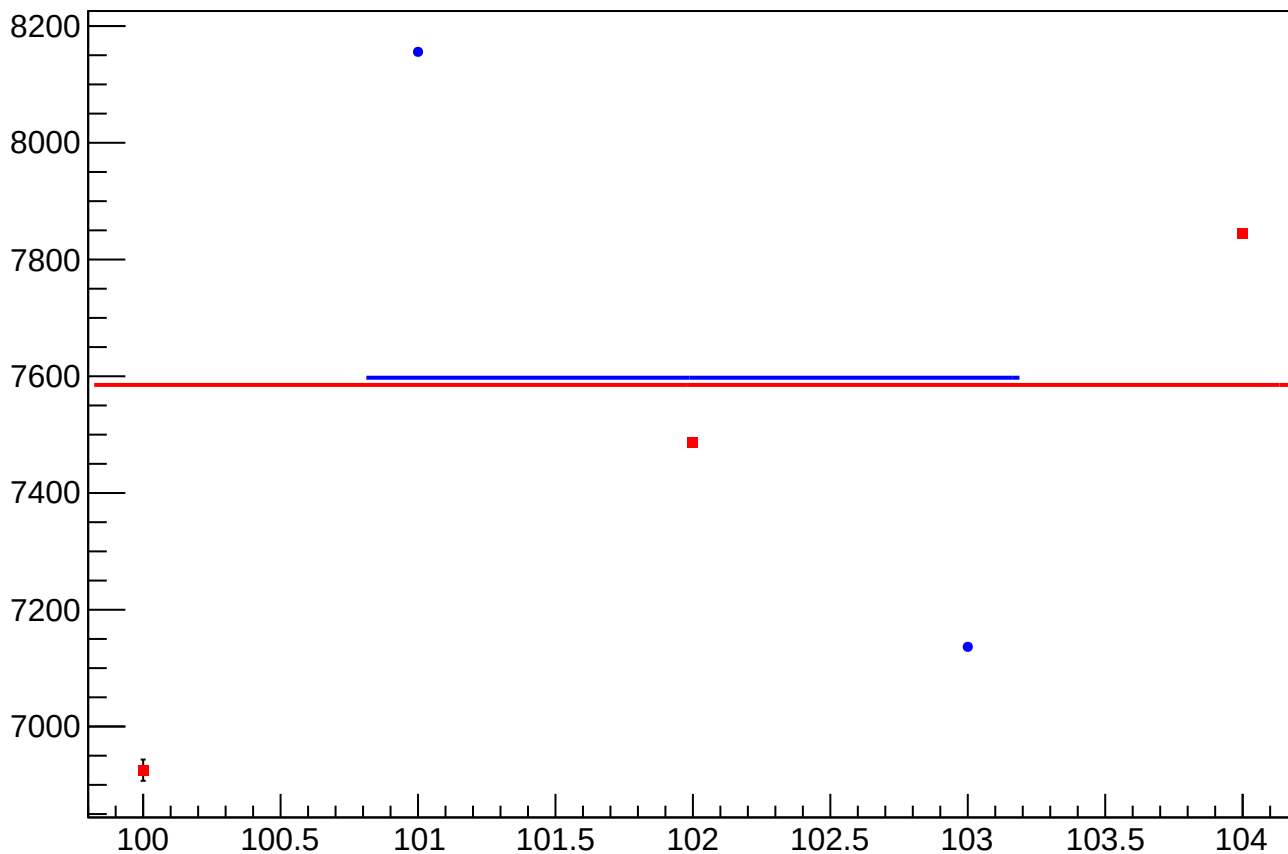
Right: -8.645 $\pm$ 4.826 χ^2 /NDF: 3.9/4

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: -8.645 $\pm$ 4.826 χ^2 /NDF: 3.9/4

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: 7585.203+/-4.850 χ^2/NDF : 2652.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

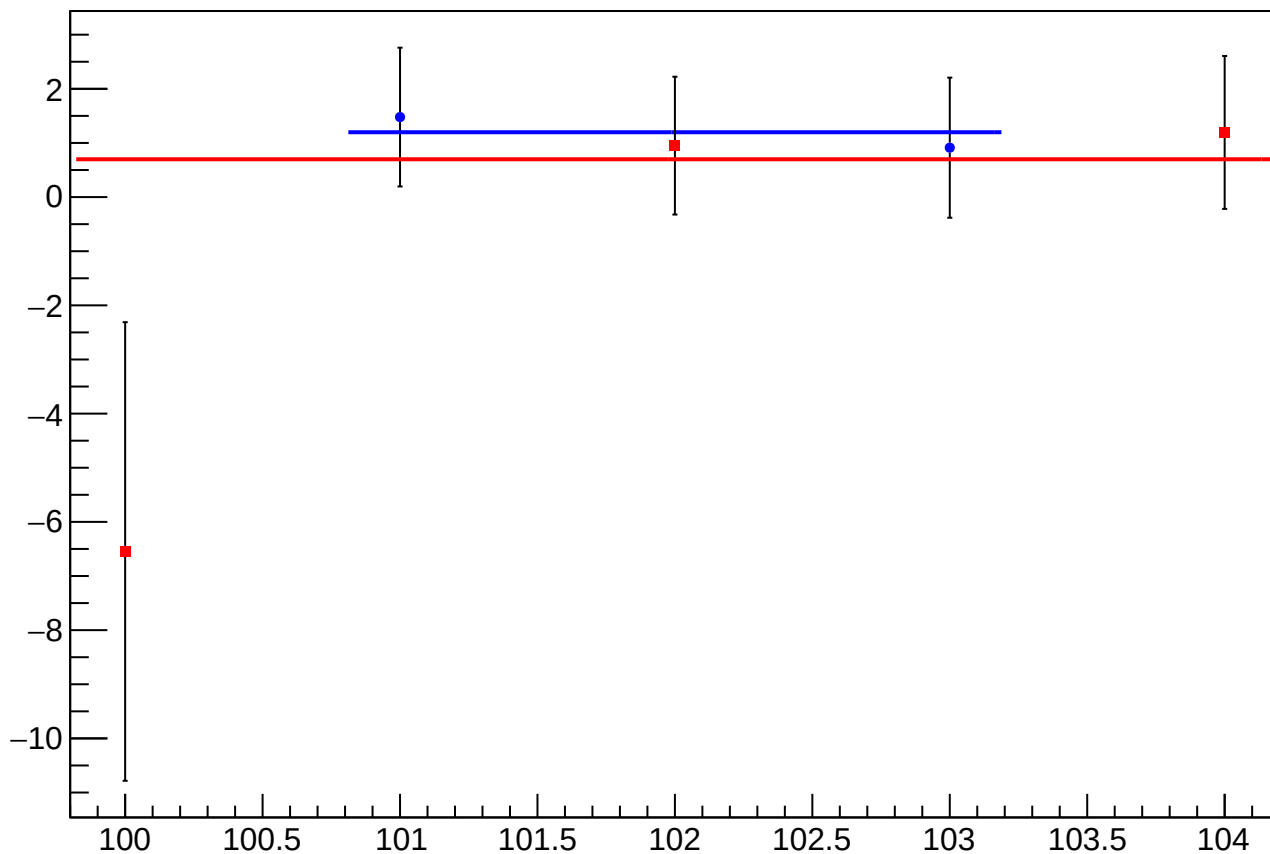
Right: 7591.408+/-3.412 χ^2/NDF : 13816.2/4

In: 7597.493+/-4.802 χ^2/NDF : 11160.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7591.408+/-3.412 χ^2/NDF : 13816.2/4

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: 0.699 $\pm$ 0.923 χ^2 /NDF: 3.1/2

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

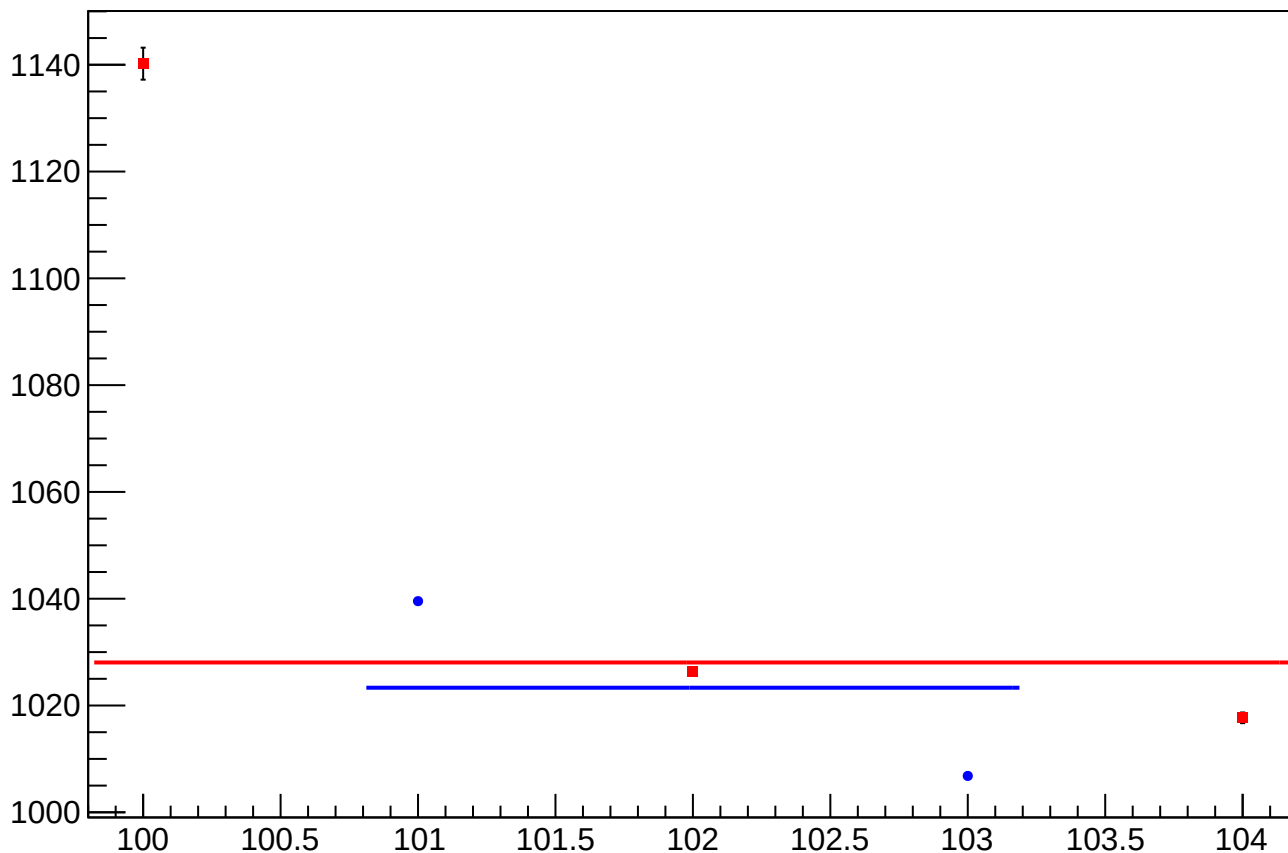
Right: 0.952 $\pm$ 0.648 χ^2 /NDF: 3.3/4

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: 0.952 $\pm$ 0.648 χ^2 /NDF: 3.3/4

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: 1028.061+/-0.653 χ^2/NDF : 1512.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

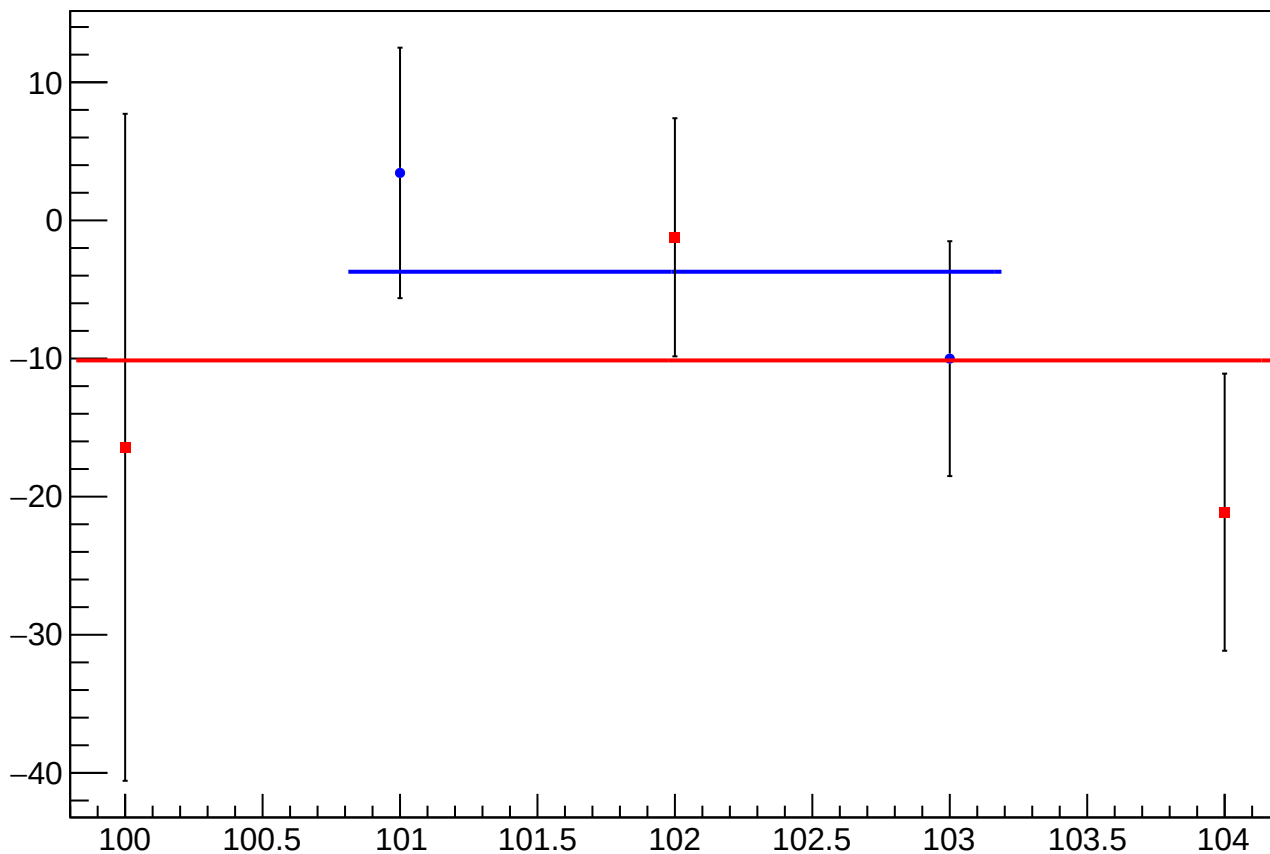
Right: 1025.665+/-0.458 χ^2/NDF : 2185.2/4

In: 1023.333+/-0.644 χ^2/NDF : 645.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.665+/-0.458 χ^2/NDF : 2185.2/4

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: -10.138+/-6.311 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

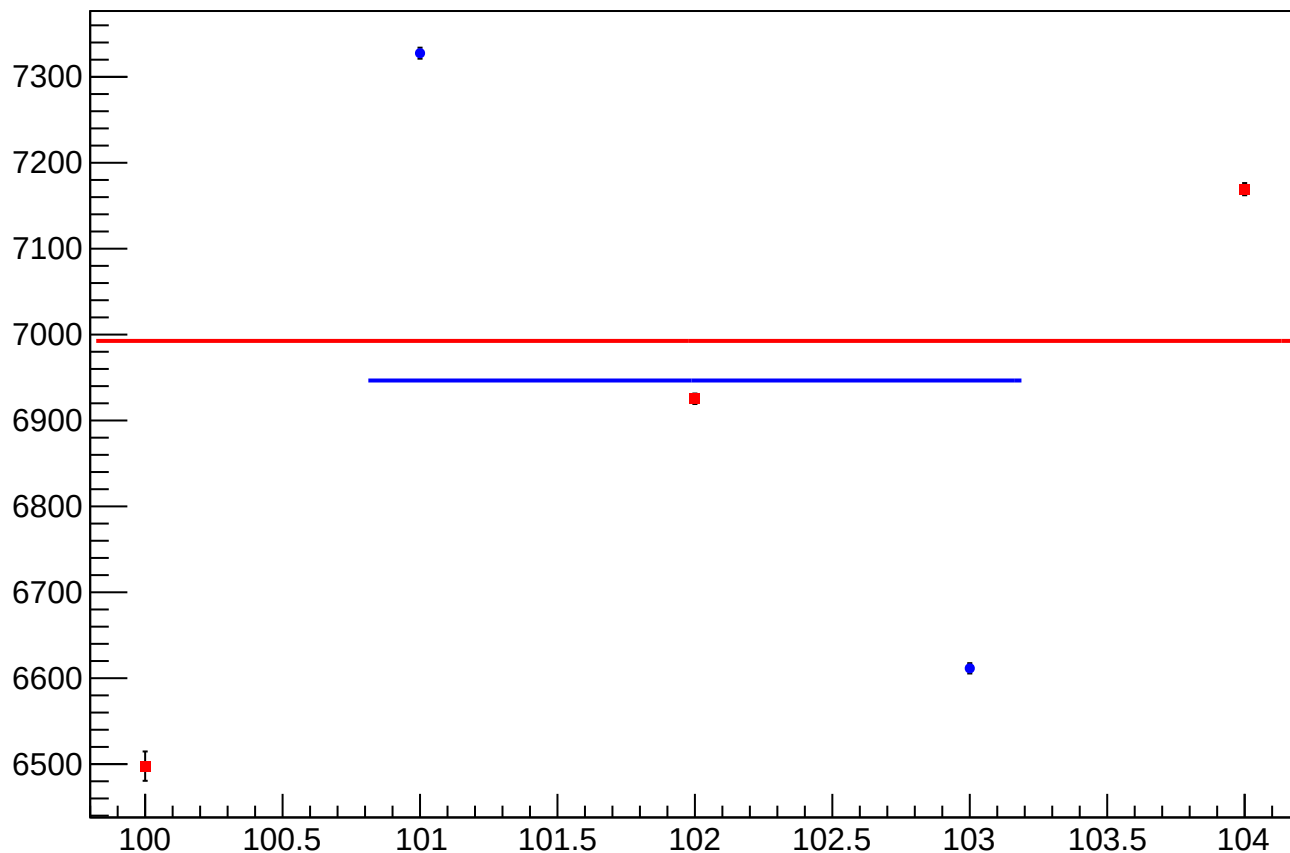
Right: -6.872+/-4.423 χ^2/NDF : 4.0/4

In: -3.718+/-6.202 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.872+/-4.423 χ^2/NDF : 4.0/4

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: 6992.639+/-4.462 χ^2/NDF : 1583.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

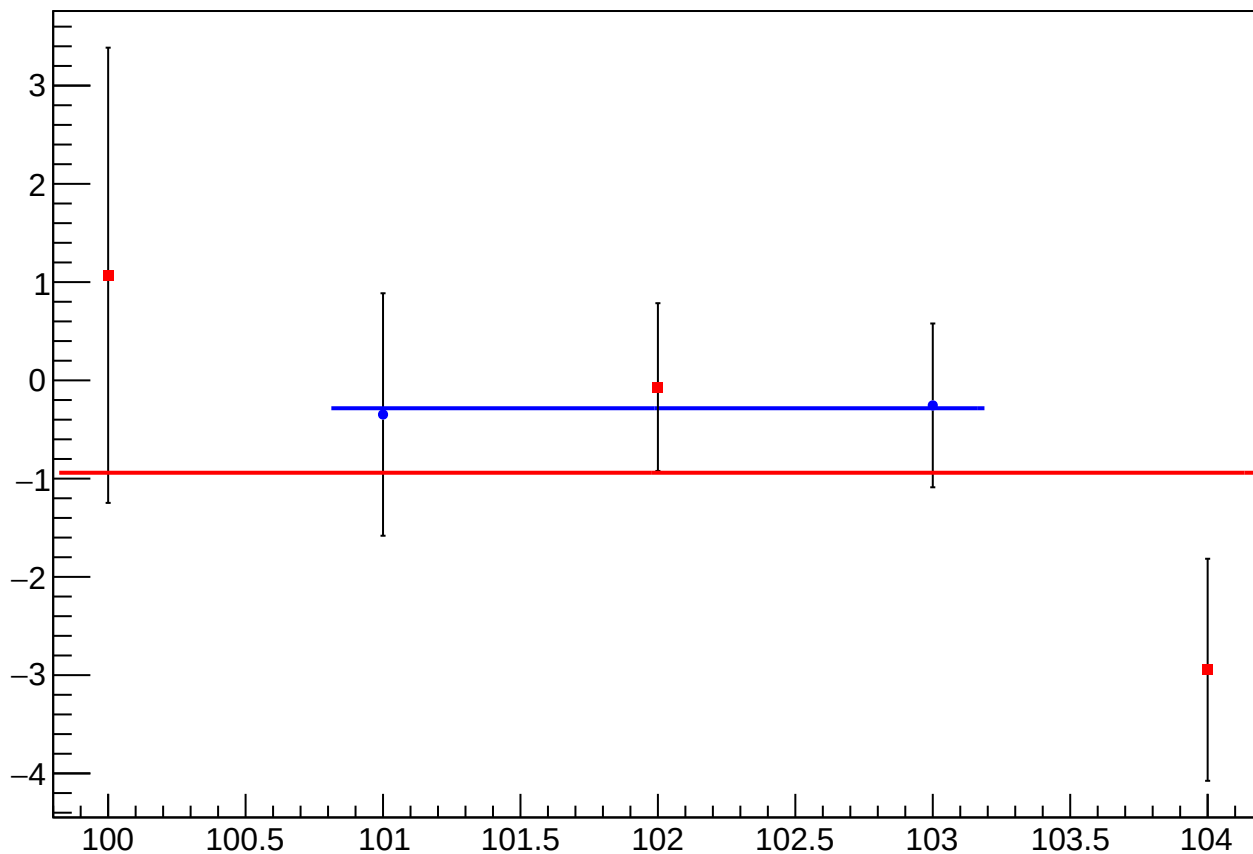
Right: 6969.195+/-3.128 χ^2/NDF : 8274.7/4

In: 6946.549+/-4.386 χ^2/NDF : 6637.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6969.195+/-3.128 χ^2/NDF : 8274.7/4

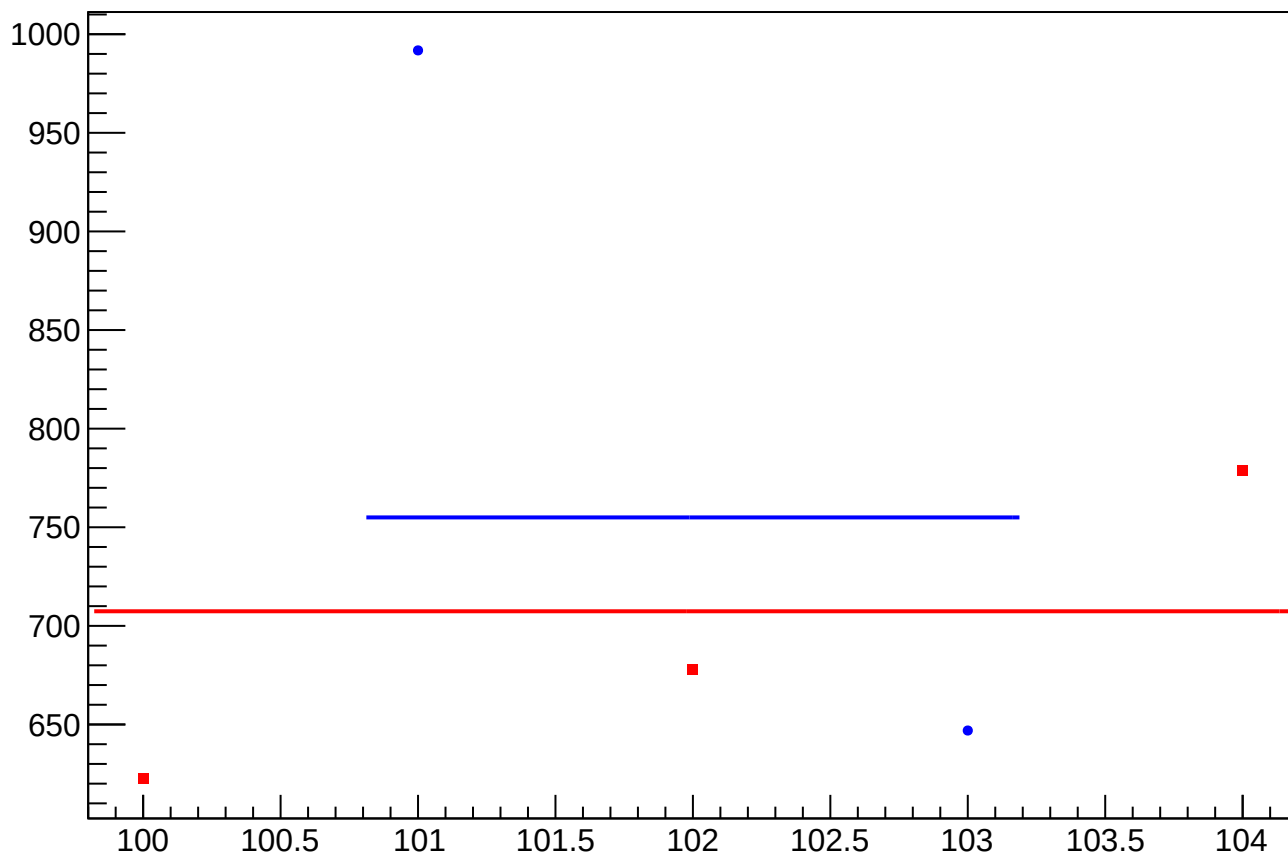
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: -0.284 $\pm$ 0.691 χ^2 /NDF: 0.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.940 $\pm$ 0.653 χ^2 /NDF: 4.9/2
 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: -0.630 $\pm$ 0.475 χ^2 /NDF: 5.4/4
 In: -0.284 $\pm$ 0.691 χ^2 /NDF:0.0/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.630 $\pm$ 0.475 χ^2 /NDF: 5.4/4

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: 707.399 $\pm$ 0.462 χ^2 /NDF: 13081.8/2

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

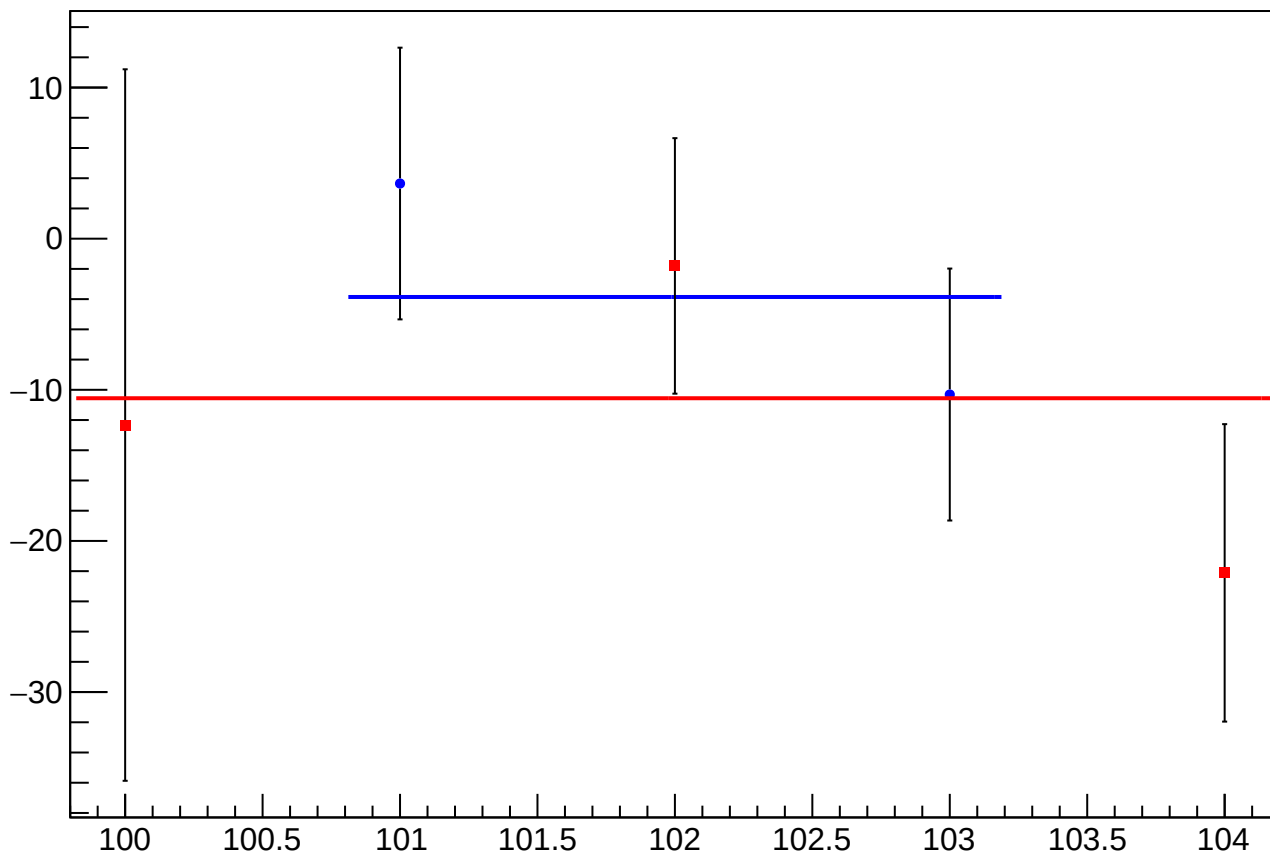
Right: 729.880 $\pm$ 0.336 χ^2 /NDF: 125371.6/4

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: 729.880 $\pm$ 0.336 χ^2 /NDF: 125371.6/4

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: -10.558+/-6.187 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

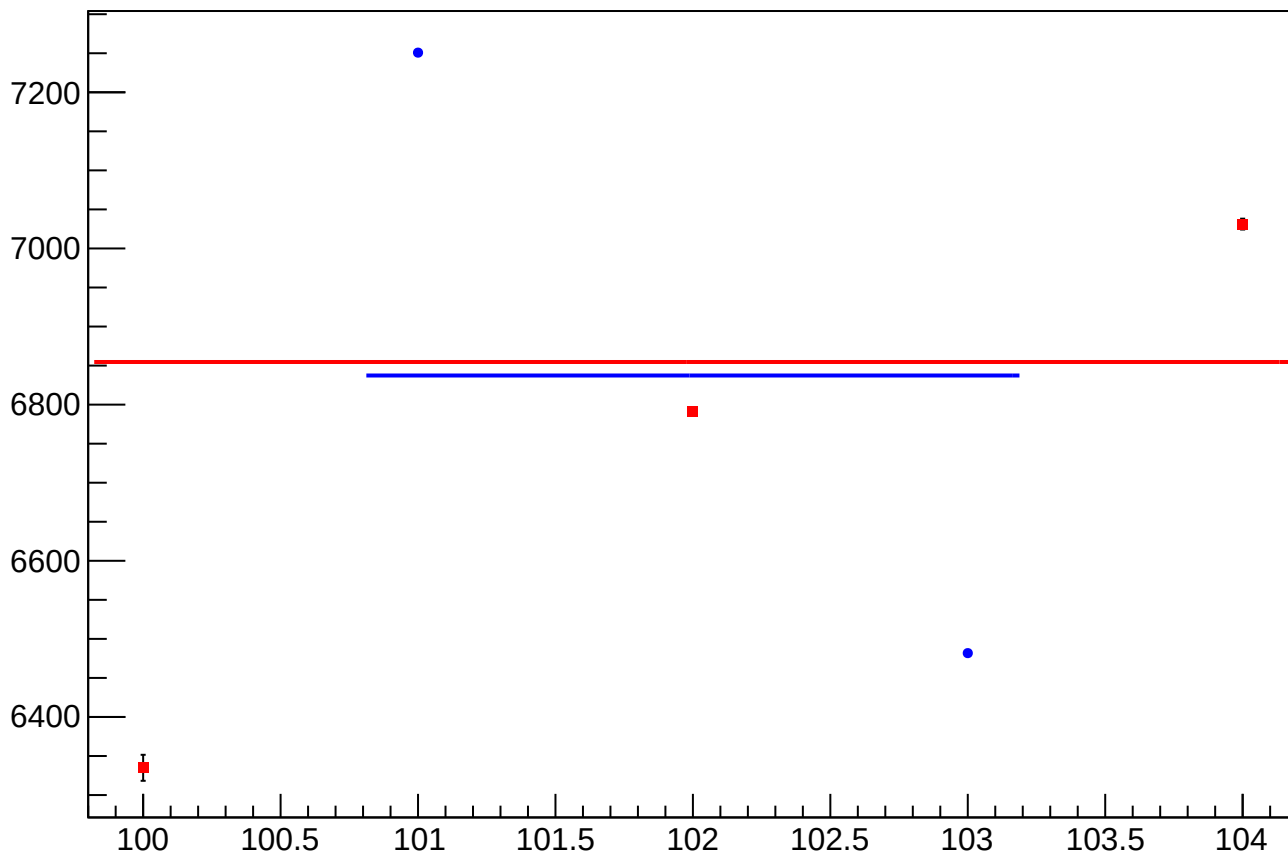
Right: -7.167+/-4.348 χ^2/NDF : 4.3/4

In: -3.858+/-6.112 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.167+/-4.348 χ^2/NDF : 4.3/4

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: 6854.606+/-4.375 χ^2/NDF : 1730.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

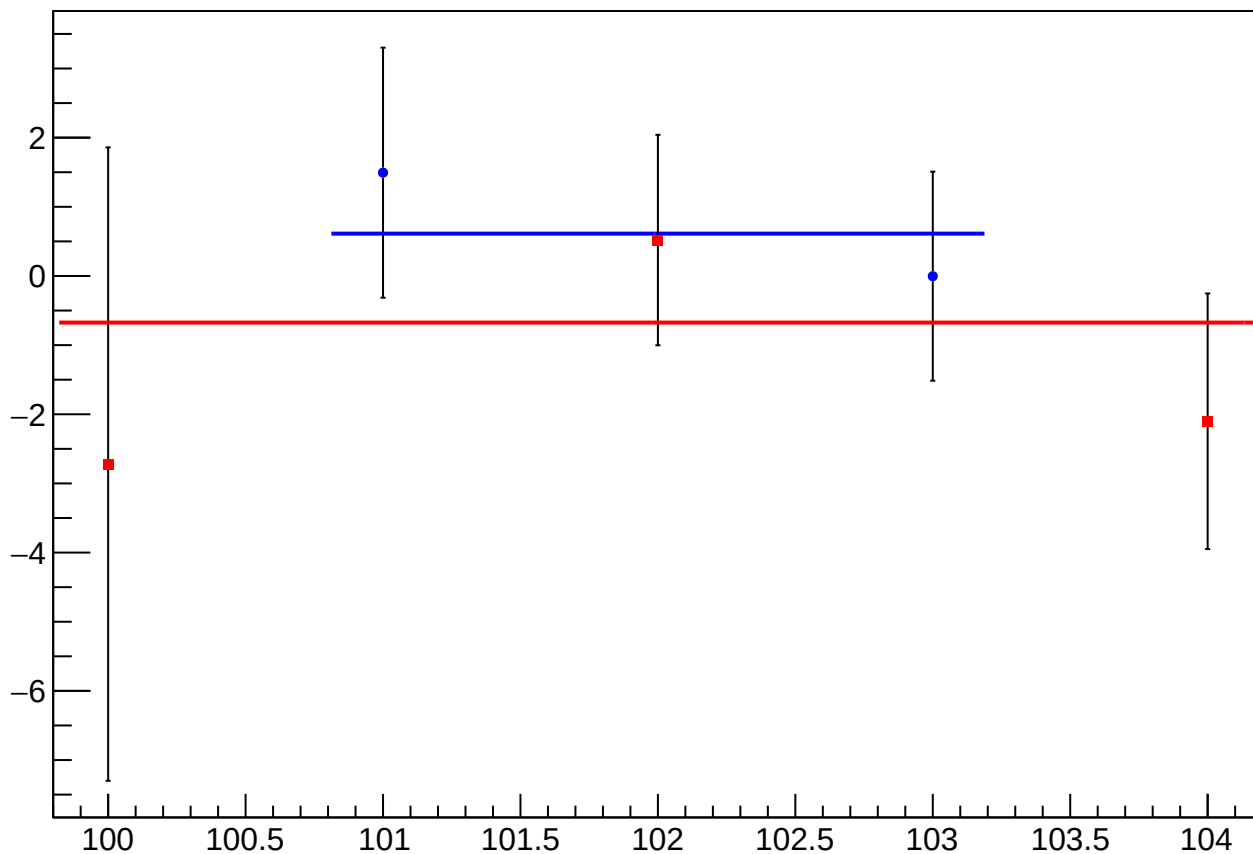
Right: 6845.849+/-3.075 χ^2/NDF : 9608.5/4

In: 6837.303+/-4.322 χ^2/NDF : 7869.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6845.849+/-3.075 χ^2/NDF : 9608.5/4

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: -0.674 $\pm$ 1.138 χ^2 /NDF: 1.4/2

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

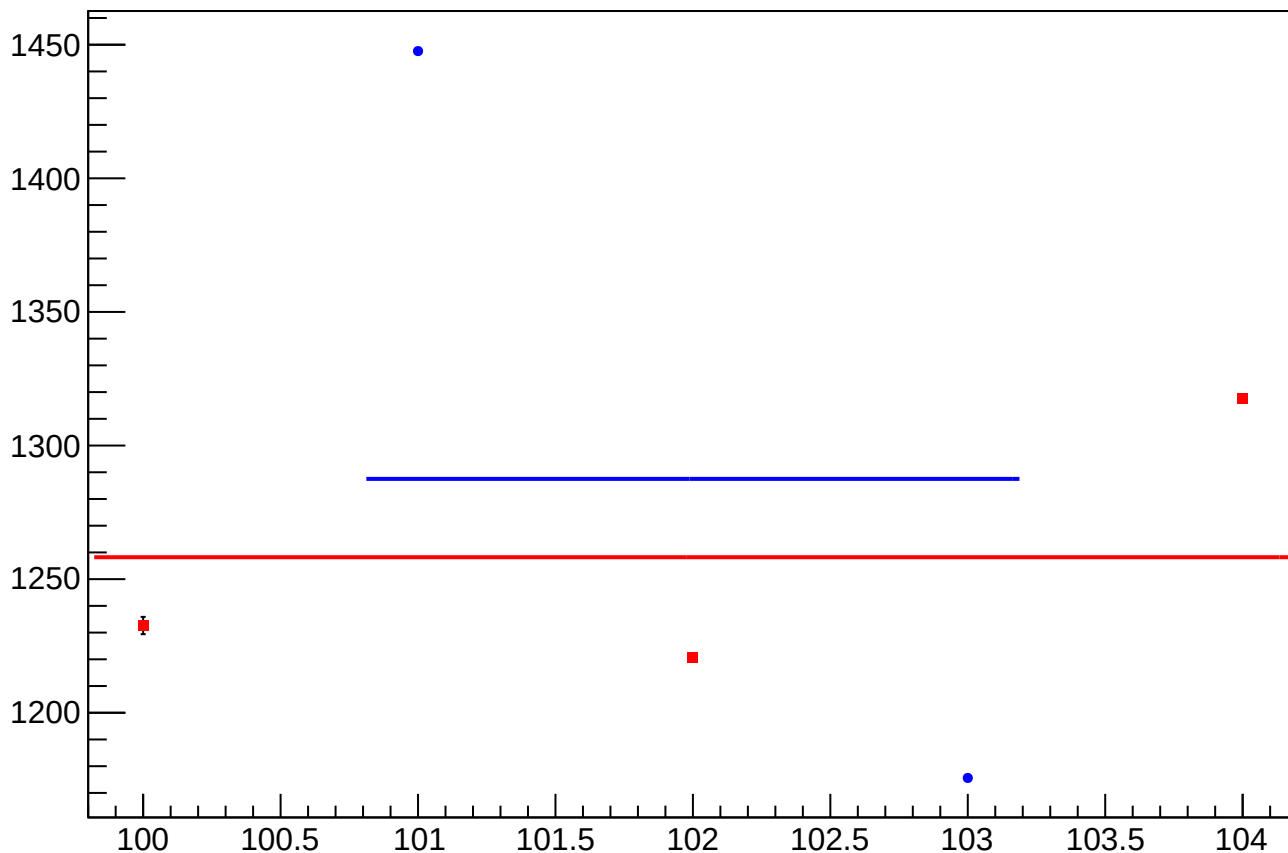
Right: -0.043 $\pm$ 0.812 χ^2 /NDF: 2.4/4

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: -0.043 $\pm$ 0.812 χ^2 /NDF: 2.4/4

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: 1258.204+/-0.805 χ^2/NDF : 3321.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

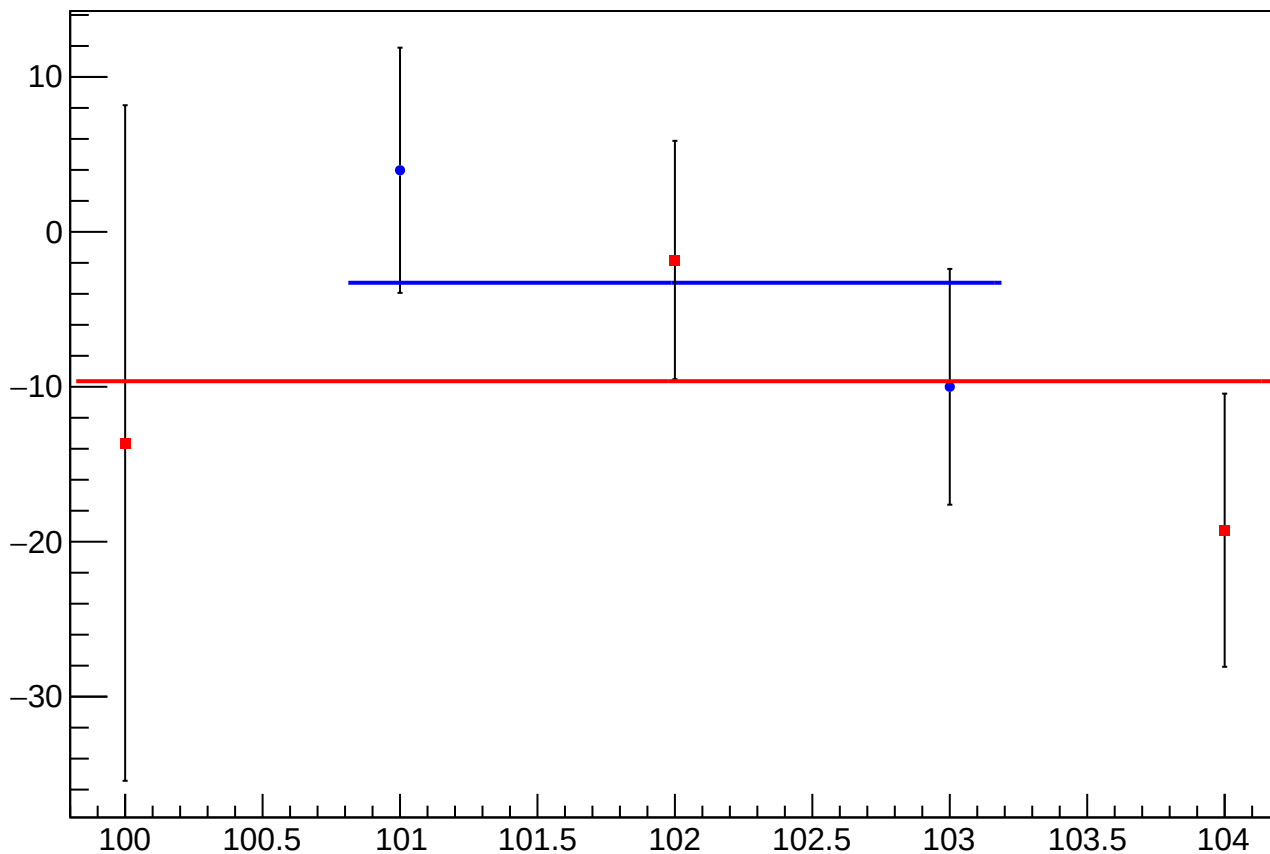
Right: 1272.584+/-0.574 χ^2/NDF : 30621.4/4

In: 1287.522+/-0.820 χ^2/NDF : 26648.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.584+/-0.574 χ^2/NDF : 30621.4/4

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: -9.638+/-5.602 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

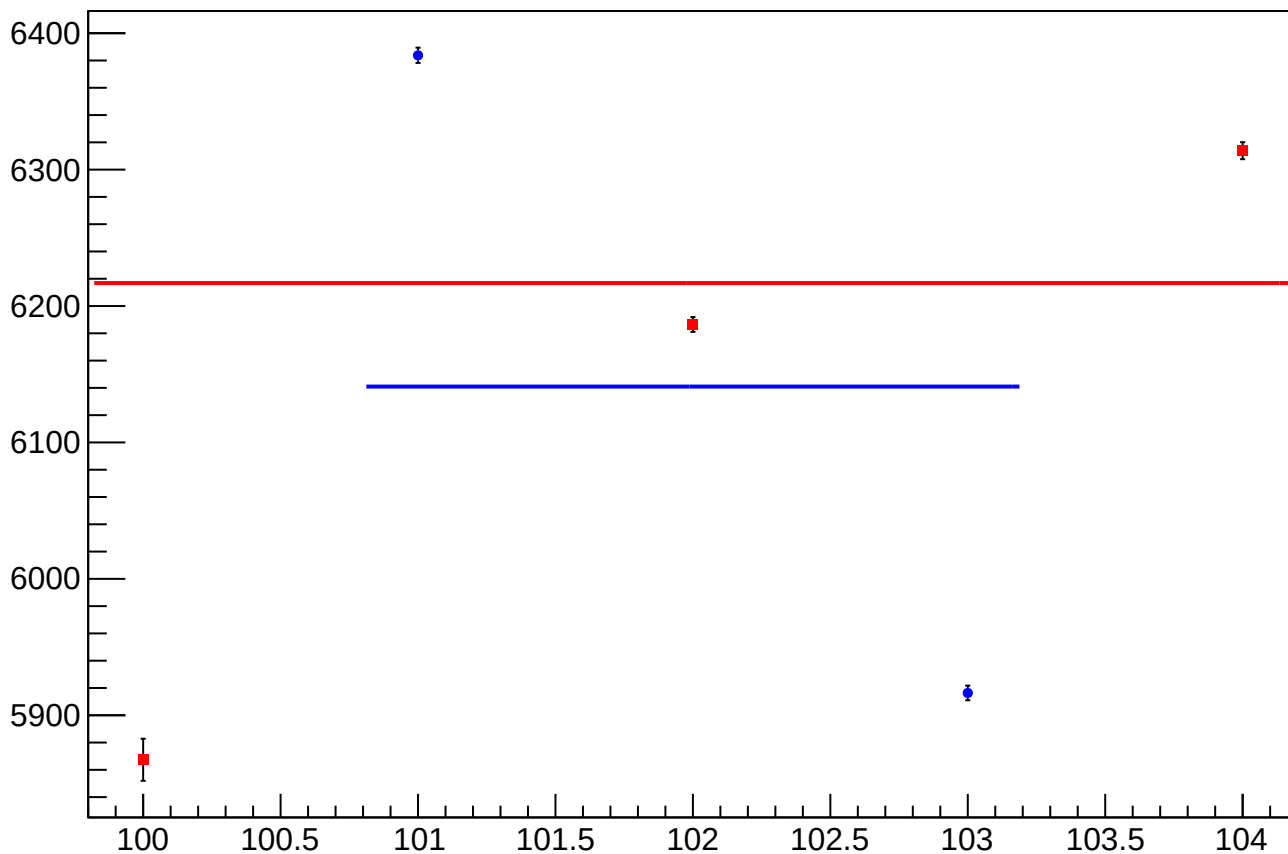
Right: -6.394+/-3.919 χ^2/NDF : 4.5/4

In: -3.284+/-5.485 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.394+/-3.919 χ^2/NDF : 4.5/4

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: 6216.869+/-3.961 χ^2/NDF : 787.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

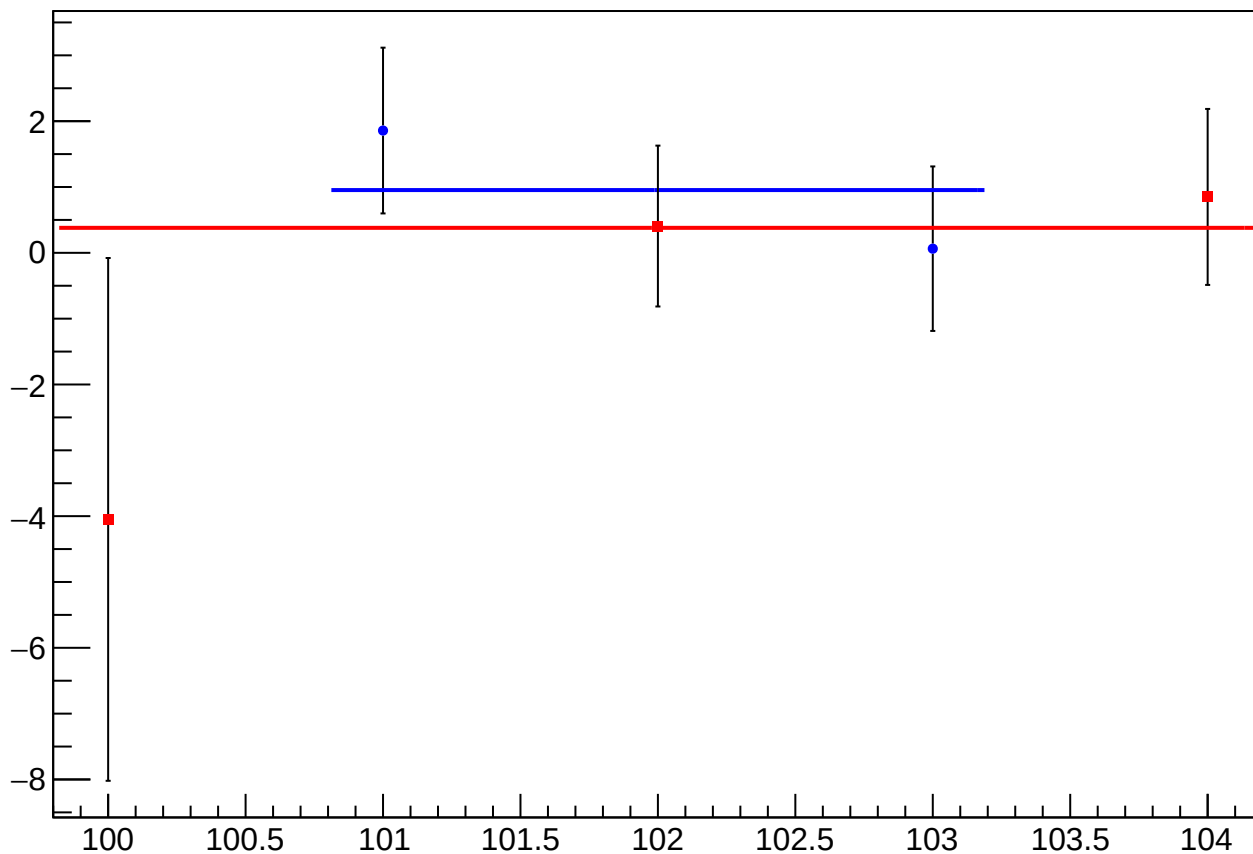
Right: 6178.116+/-2.771 χ^2/NDF : 4600.6/4

In: 6140.958+/-3.879 χ^2/NDF : 3625.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6178.116+/-2.771 χ^2/NDF : 4600.6/4

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.953 $\pm$ 0.887 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.380 $\pm$ 0.879 χ^2 /NDF: 1.4/2

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

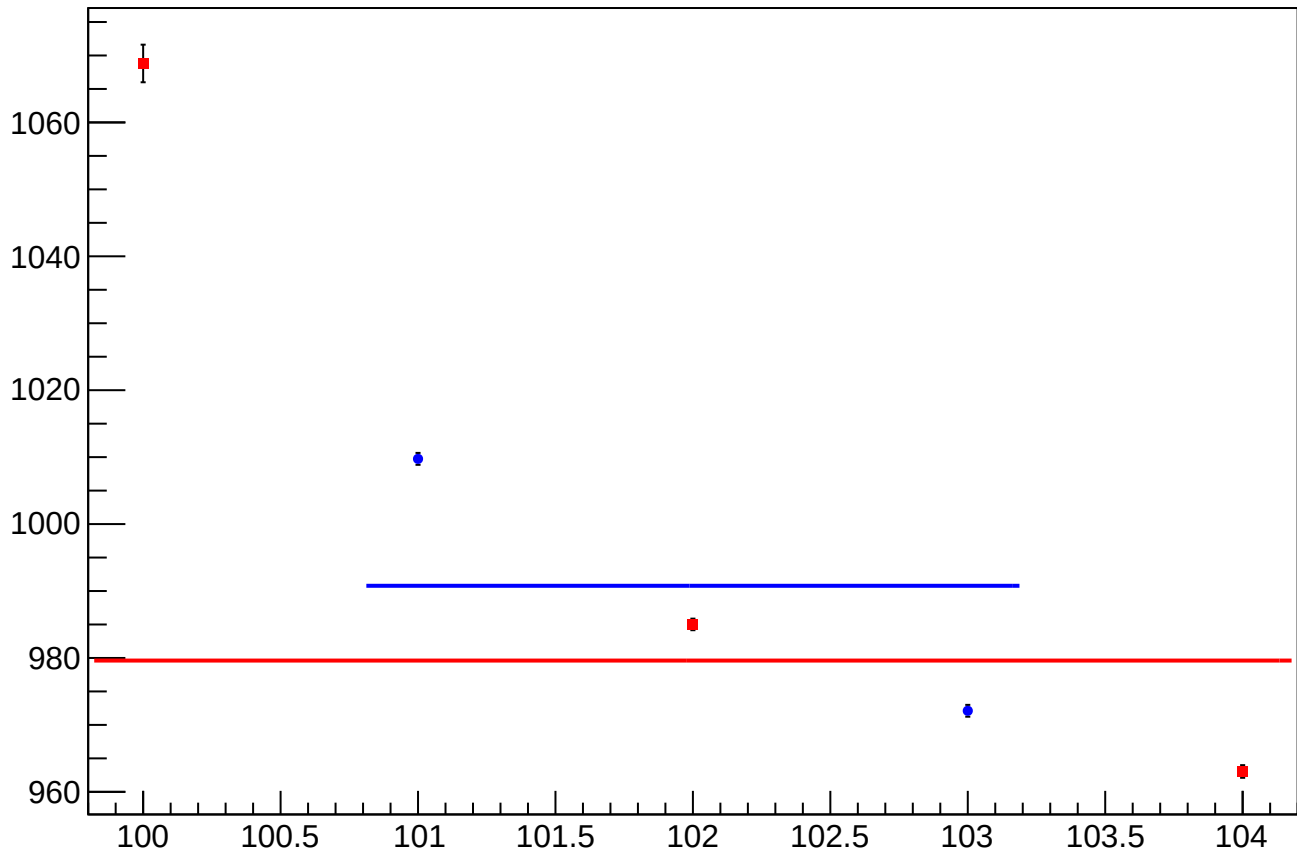
Right: 0.664 $\pm$ 0.624 χ^2 /NDF: 2.6/4

In: 0.953 $\pm$ 0.887 χ^2 /NDF:1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.664 $\pm$ 0.624 χ^2 /NDF: 2.6/4

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 990.782 $\pm$ 0.627 χ^2 /NDF: 900.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 979.612 $\pm$ 0.622 χ^2 /NDF: 1355.4/2

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

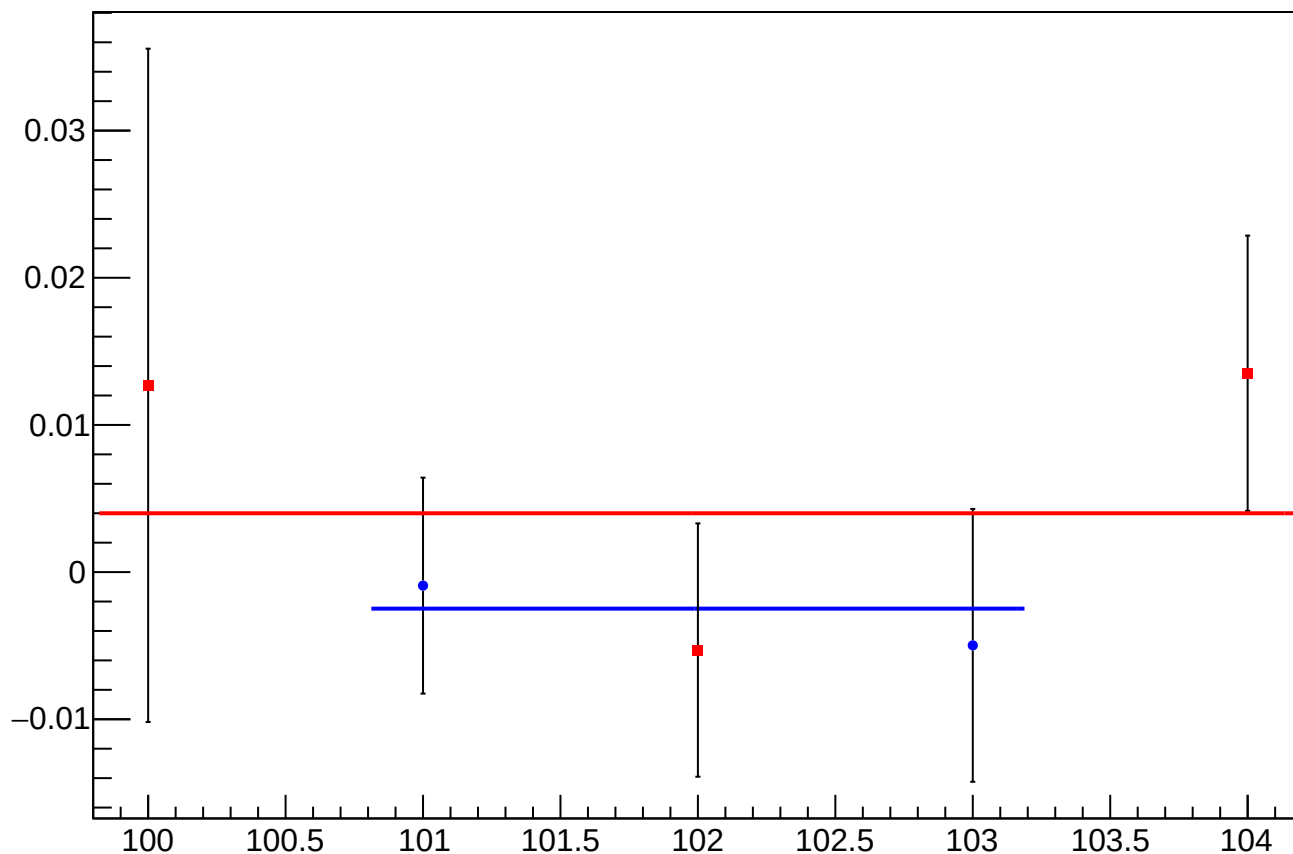
Right: 985.150 $\pm$ 0.442 χ^2 /NDF: 2415.6/4

In: 990.782 $\pm$ 0.627 χ^2 /NDF:900.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 985.150 $\pm$ 0.442 χ^2 /NDF: 2415.6/4

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.006 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.006 χ^2 /NDF: 2.3/2

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

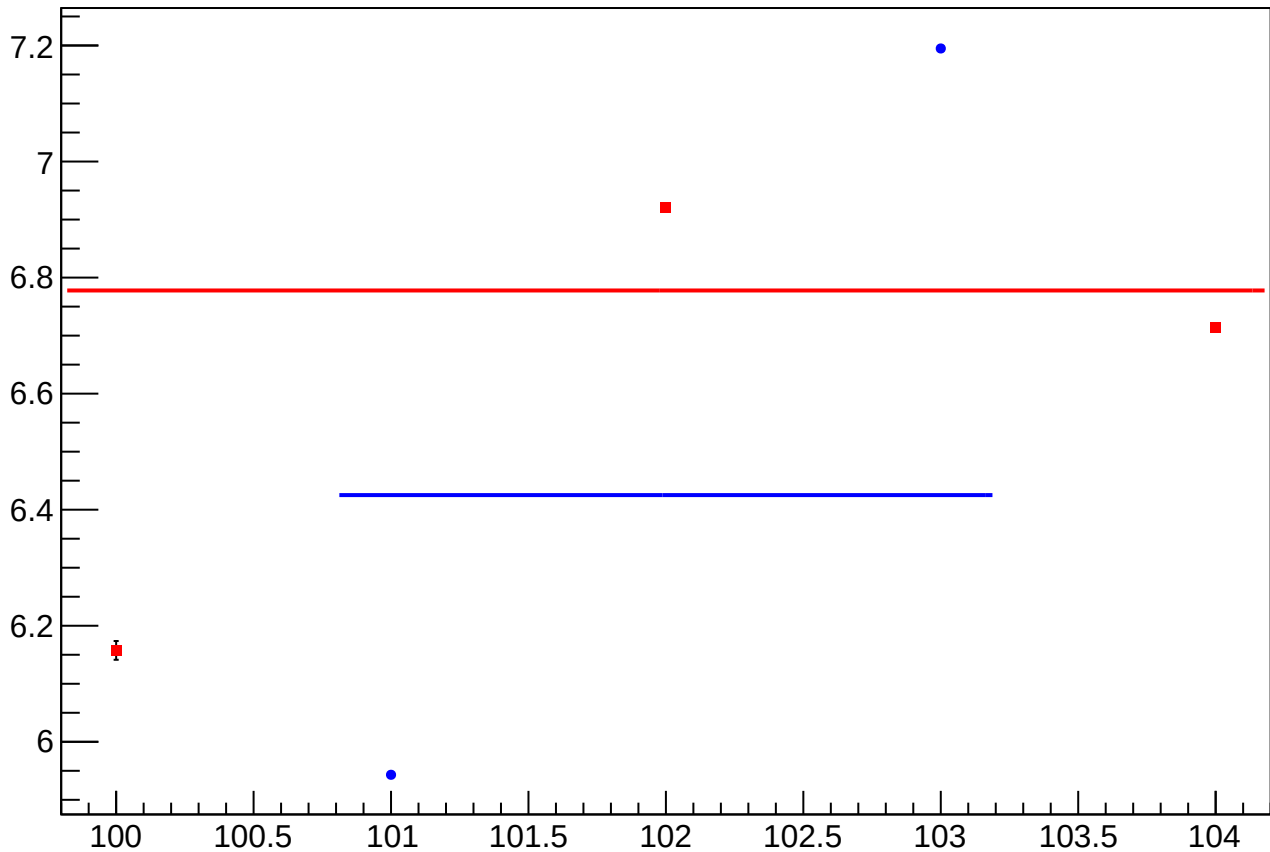
Right: 0.001 $\pm$ 0.004 χ^2 /NDF: 3.1/4

In: -0.002 $\pm$ 0.006 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.004 χ^2 /NDF: 3.1/4

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: 6.778+/-0.004 χ^2/NDF : 2112.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

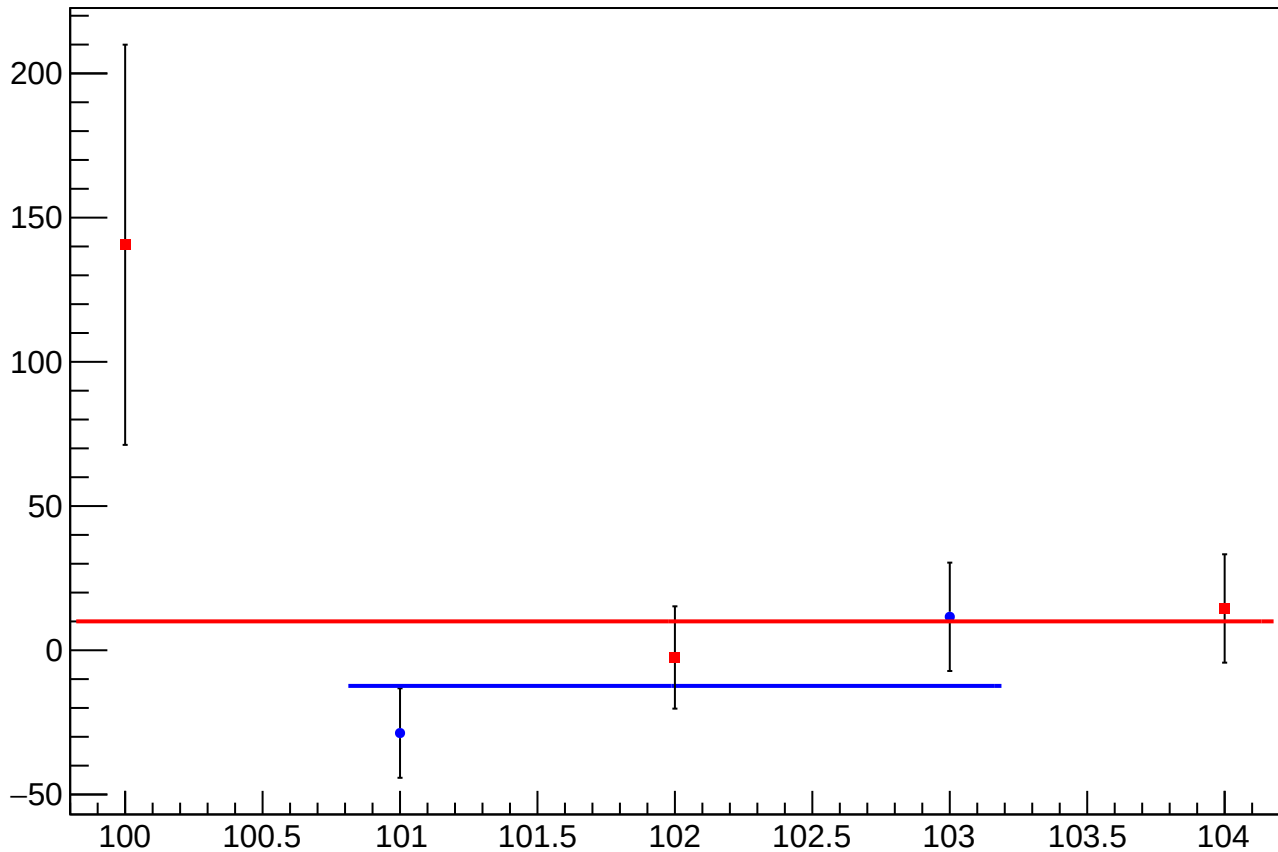
Right: 6.591+/-0.003 χ^2/NDF : 28068.0/4

In: 6.425+/-0.004 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.591+/-0.003 χ^2/NDF : 28068.0/4

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: 10.021 $\pm$ 12.680 χ^2 /NDF: 4.1/2

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

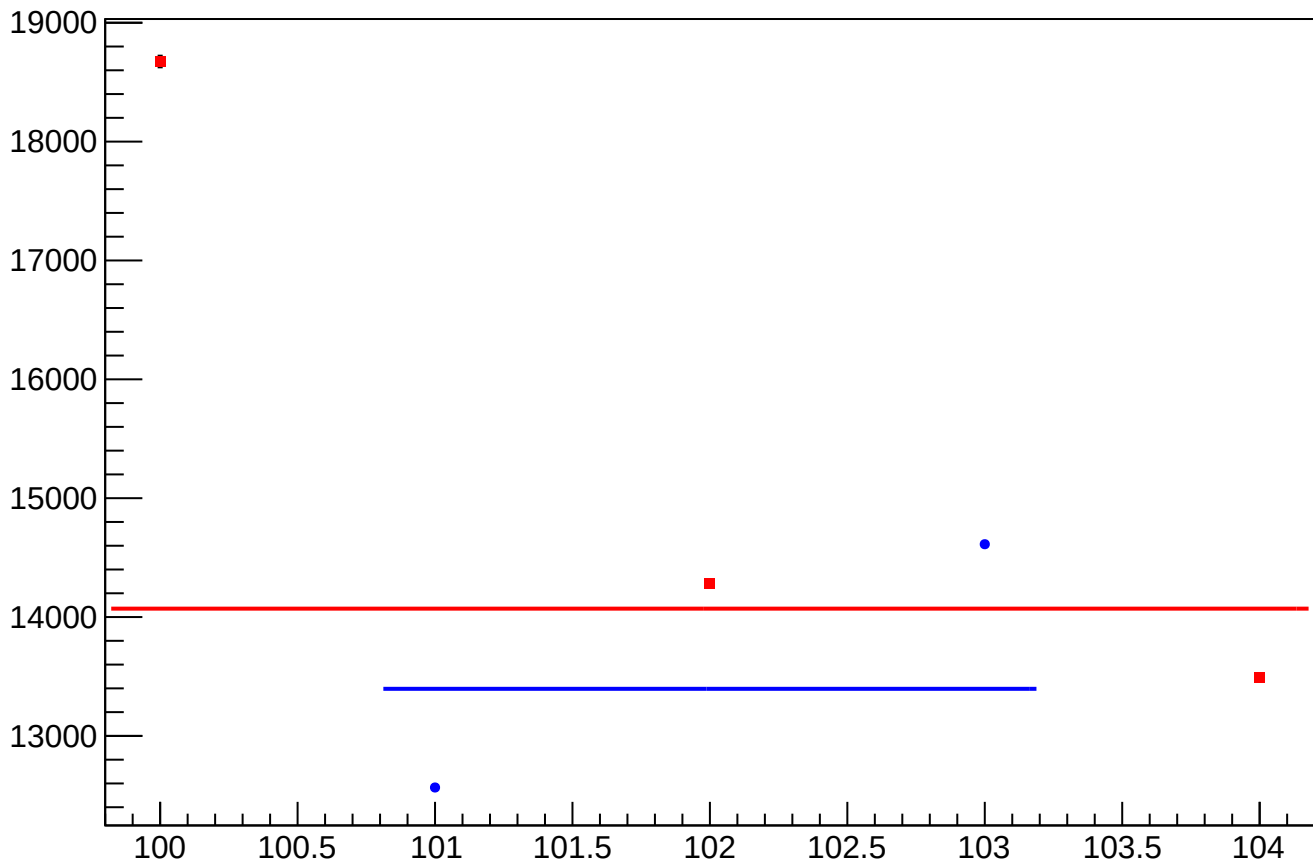
Right: -1.817 $\pm$ 8.702 χ^2 /NDF: 8.5/4

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: -1.817 $\pm$ 8.702 χ^2 /NDF: 8.5/4

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: 14070.746+/-8.966 χ^2/NDF : 10973.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

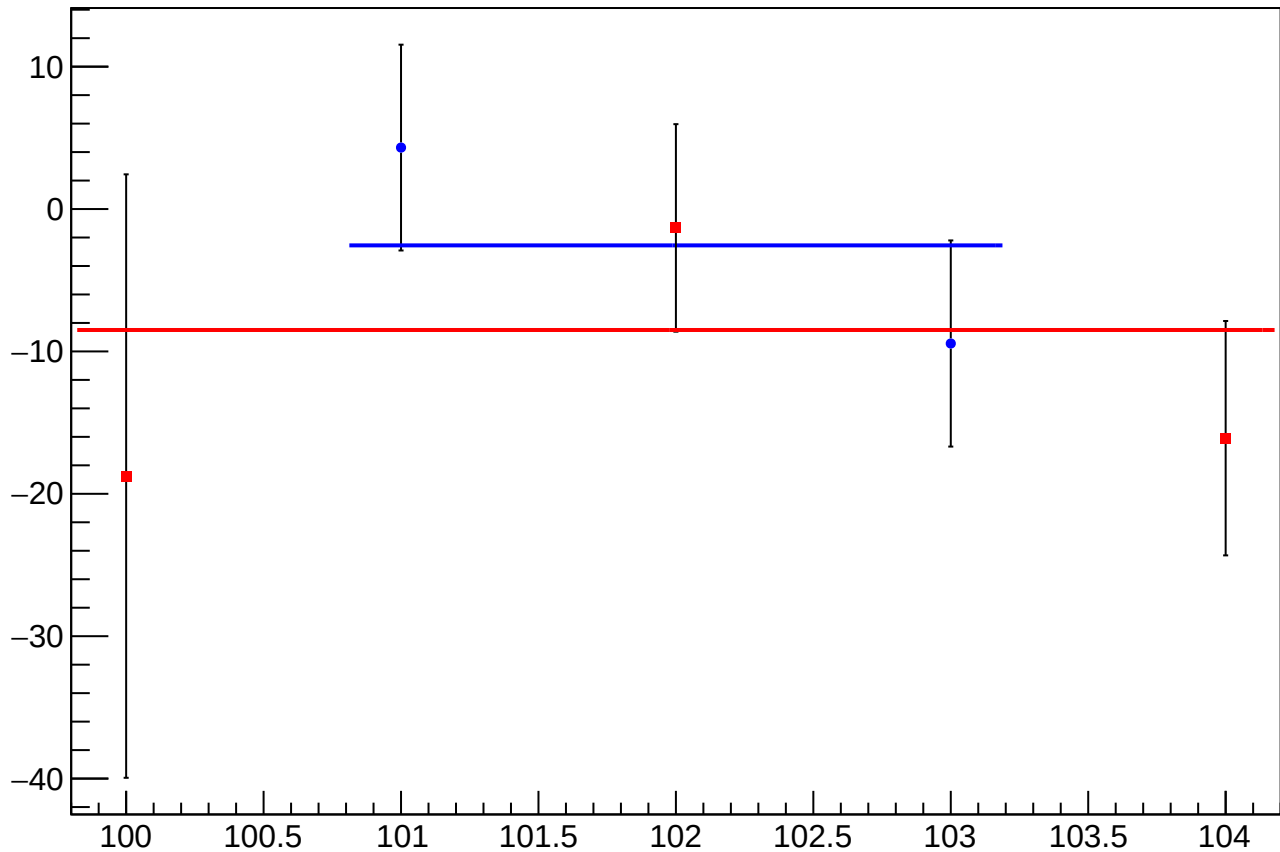
Right: 13713.852+/-6.153 χ^2/NDF : 28082.6/4

In: 13396.166+/-8.459 χ^2/NDF : 14114.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13713.852+/-6.153 χ^2/NDF : 28082.6/4

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.552+/-5.115 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.495+/-5.284 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

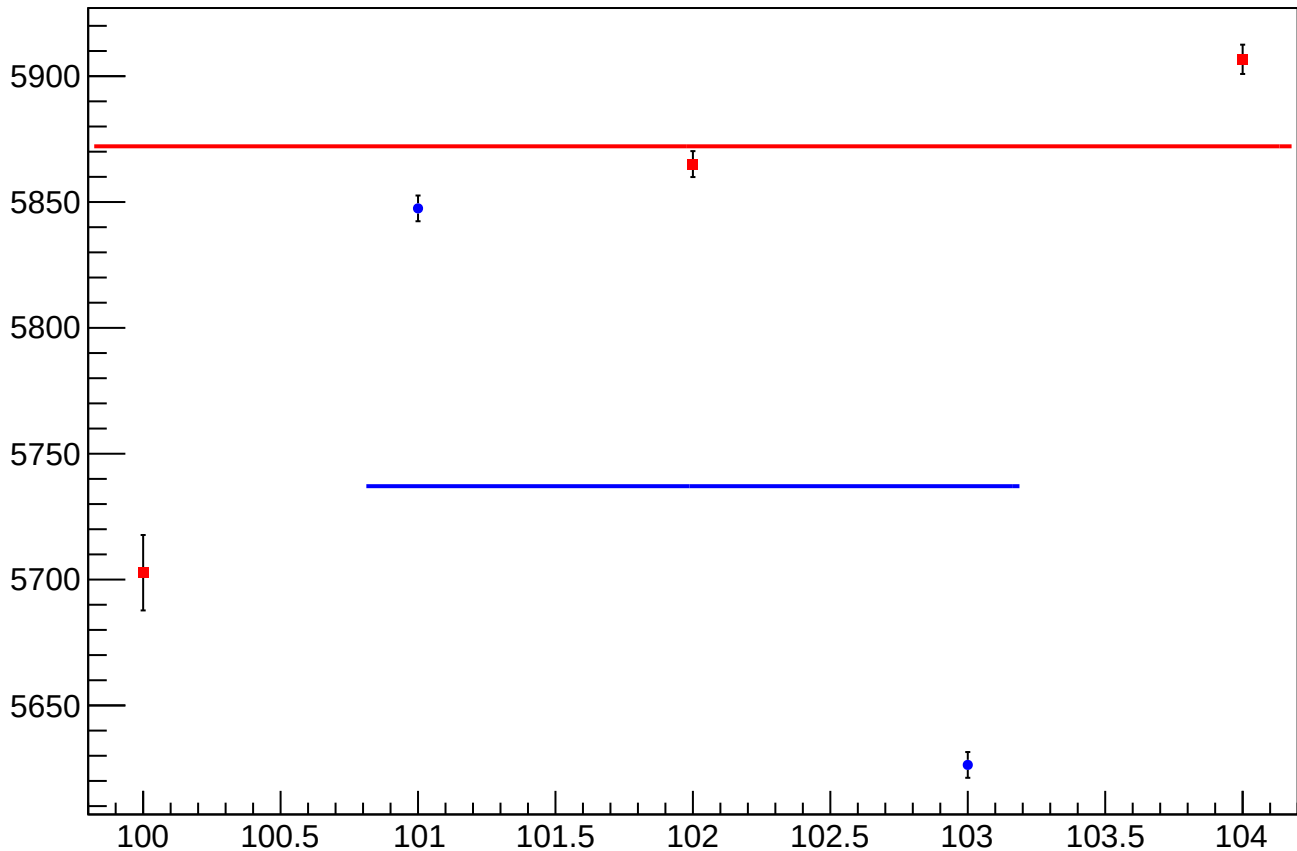
Right: -5.427+/-3.675 χ^2/NDF : 4.5/4

In: -2.552+/-5.115 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.427+/-3.675 χ^2/NDF : 4.5/4

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 5737.104 ± 3.617 $\chi^2/\text{NDF}: 934.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5872.134 ± 3.736 $\chi^2/\text{NDF}: 165.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

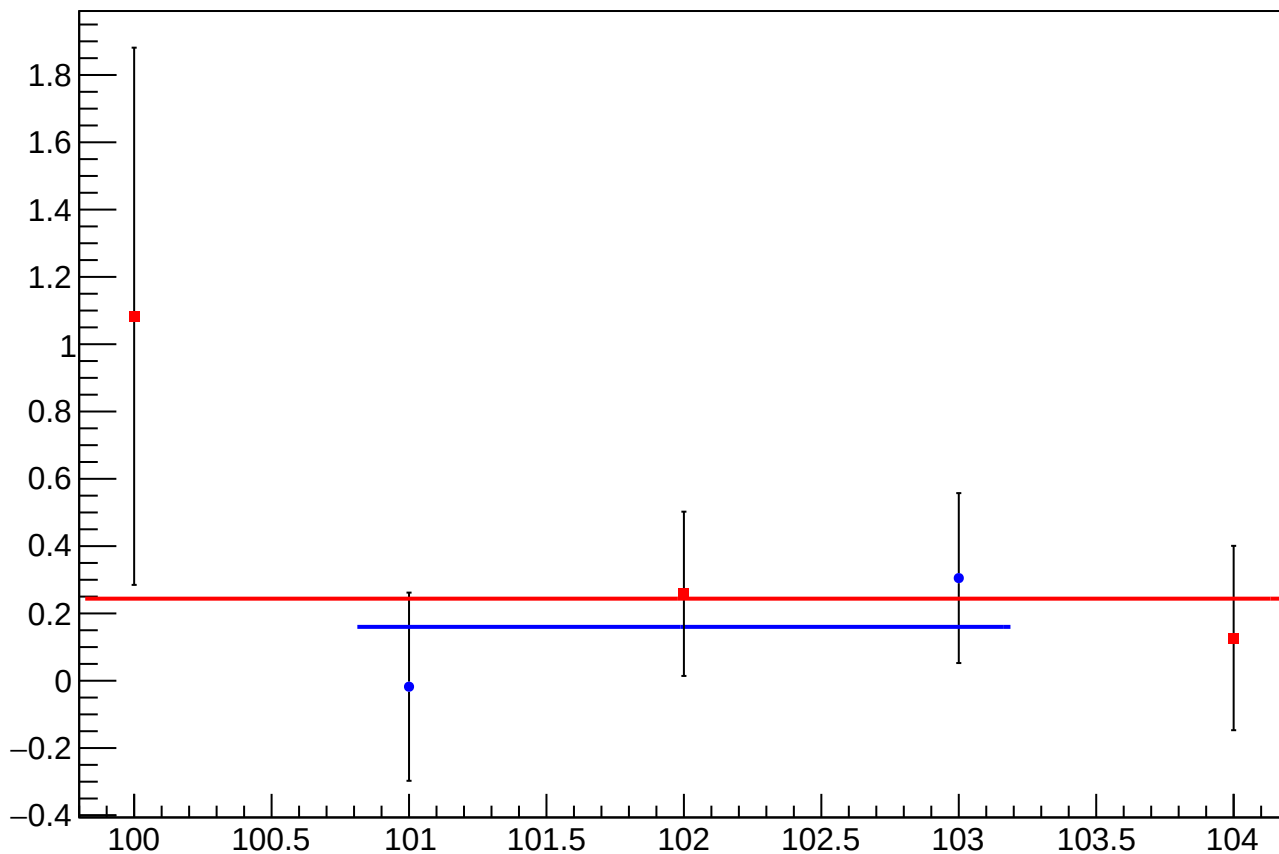
Right: 5802.424 ± 2.599 $\chi^2/\text{NDF}: 1773.8/4$

In: 5737.104 ± 3.617 $\chi^2/\text{NDF}: 934.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5802.424 ± 2.599 $\chi^2/\text{NDF}: 1773.8/4$

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: 0.244 $\pm$ 0.178 χ^2 /NDF: 1.3/2

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

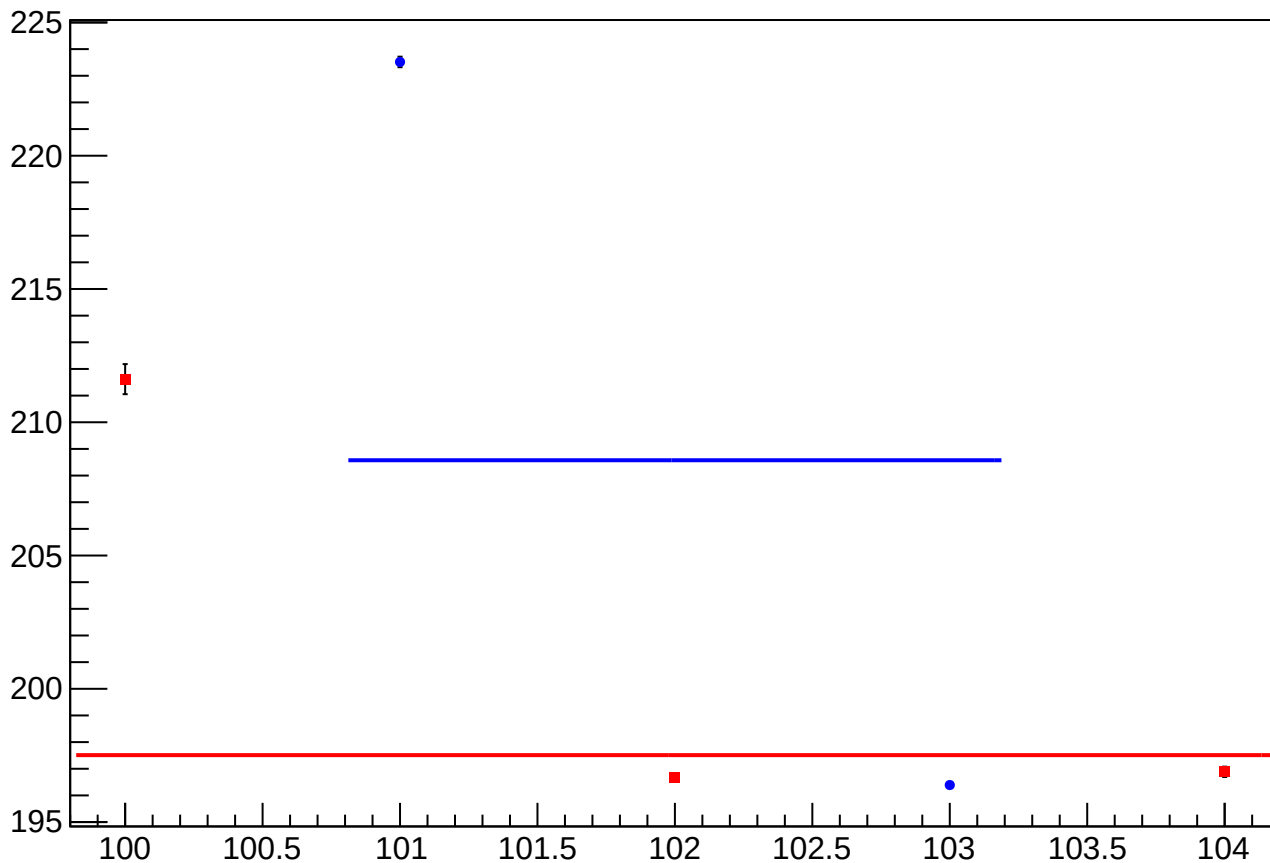
Right: 0.204 $\pm$ 0.129 χ^2 /NDF: 2.1/4

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: 0.204 $\pm$ 0.129 χ^2 /NDF: 2.1/4

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 208.575 $\pm$ 0.132 χ^2 /NDF: 10372.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.511 $\pm$ 0.126 χ^2 /NDF: 657.8/2

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

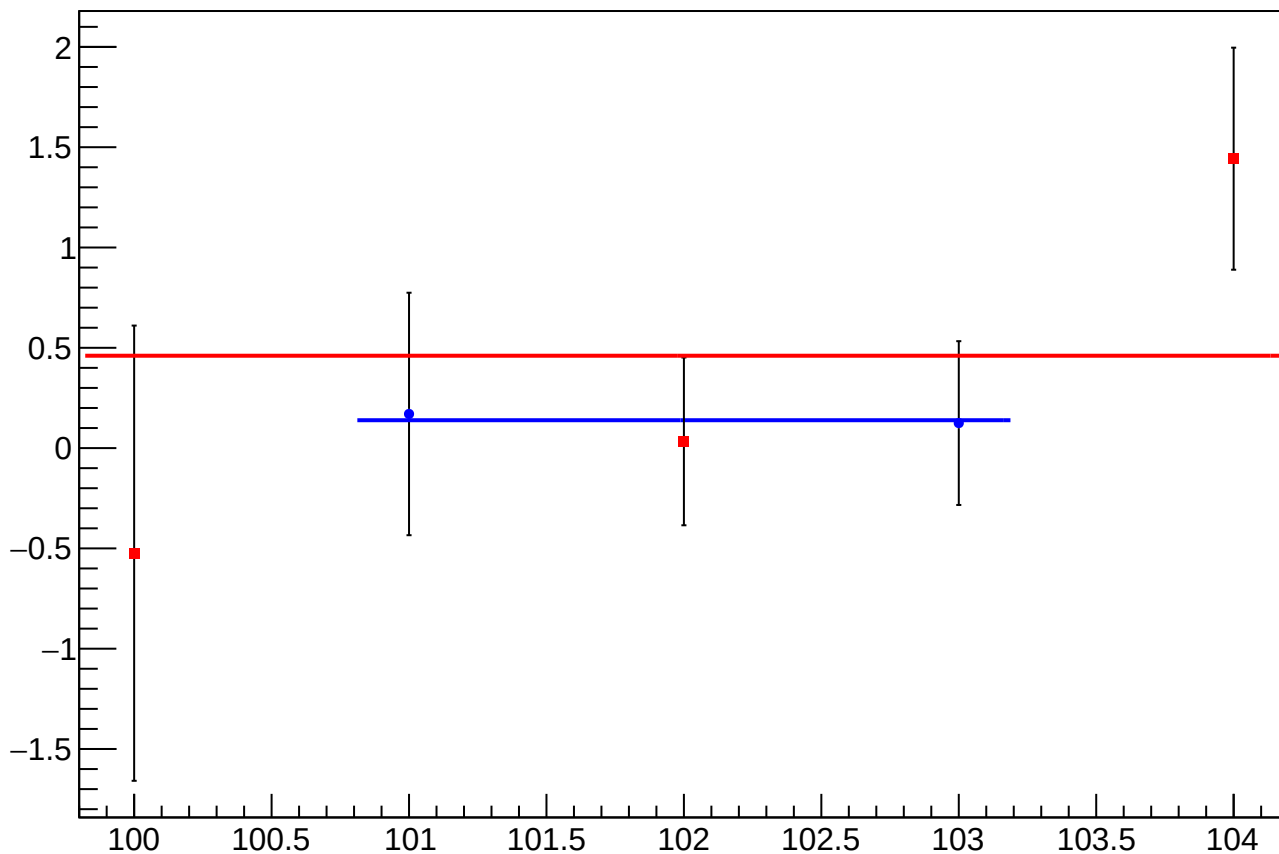
Right: 202.748 $\pm$ 0.091 χ^2 /NDF: 14701.7/4

In: 208.575 $\pm$ 0.132 χ^2 /NDF: 10372.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.748 $\pm$ 0.091 χ^2 /NDF: 14701.7/4

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: 0.460 $\pm$ 0.320 χ^2 /NDF: 4.9/2

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

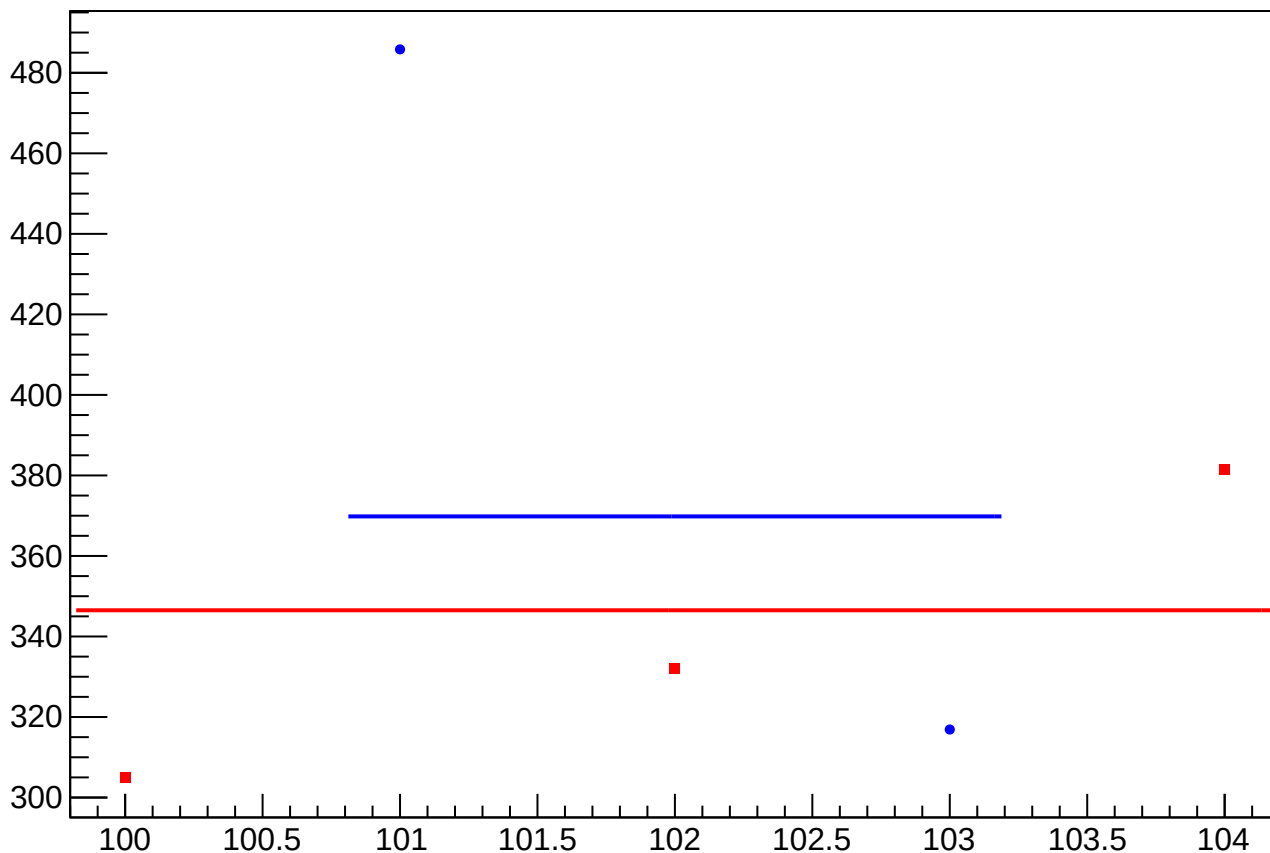
Right: 0.309 $\pm$ 0.233 χ^2 /NDF: 5.4/4

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: 0.309 $\pm$ 0.233 χ^2 /NDF: 5.4/4

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: 346.509 $\pm$ 0.226 χ^2 /NDF: 13081.8/2

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

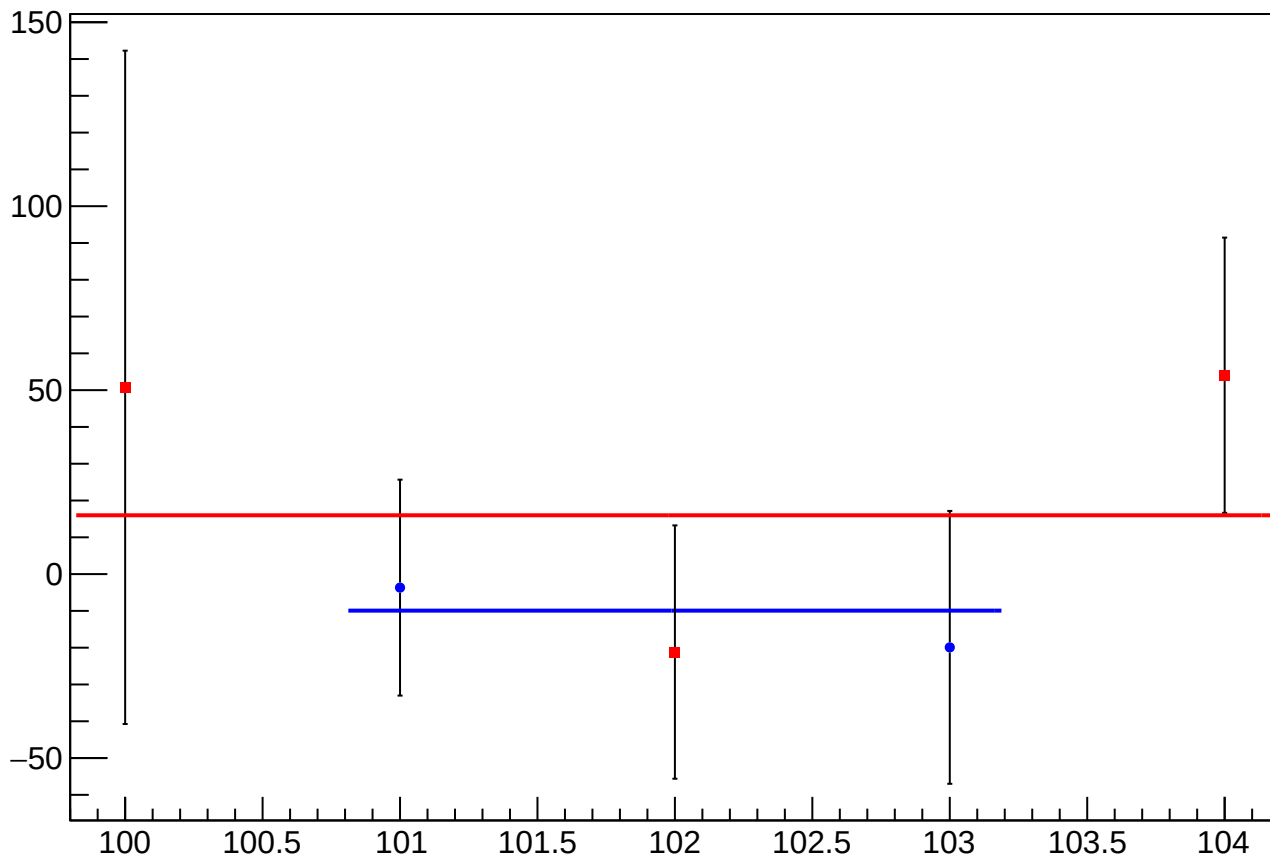
Right: 357.521 $\pm$ 0.164 χ^2 /NDF: 125371.6/4

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: 357.521 $\pm$ 0.164 χ^2 /NDF: 125371.6/4

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: 15.988+/-24.414 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

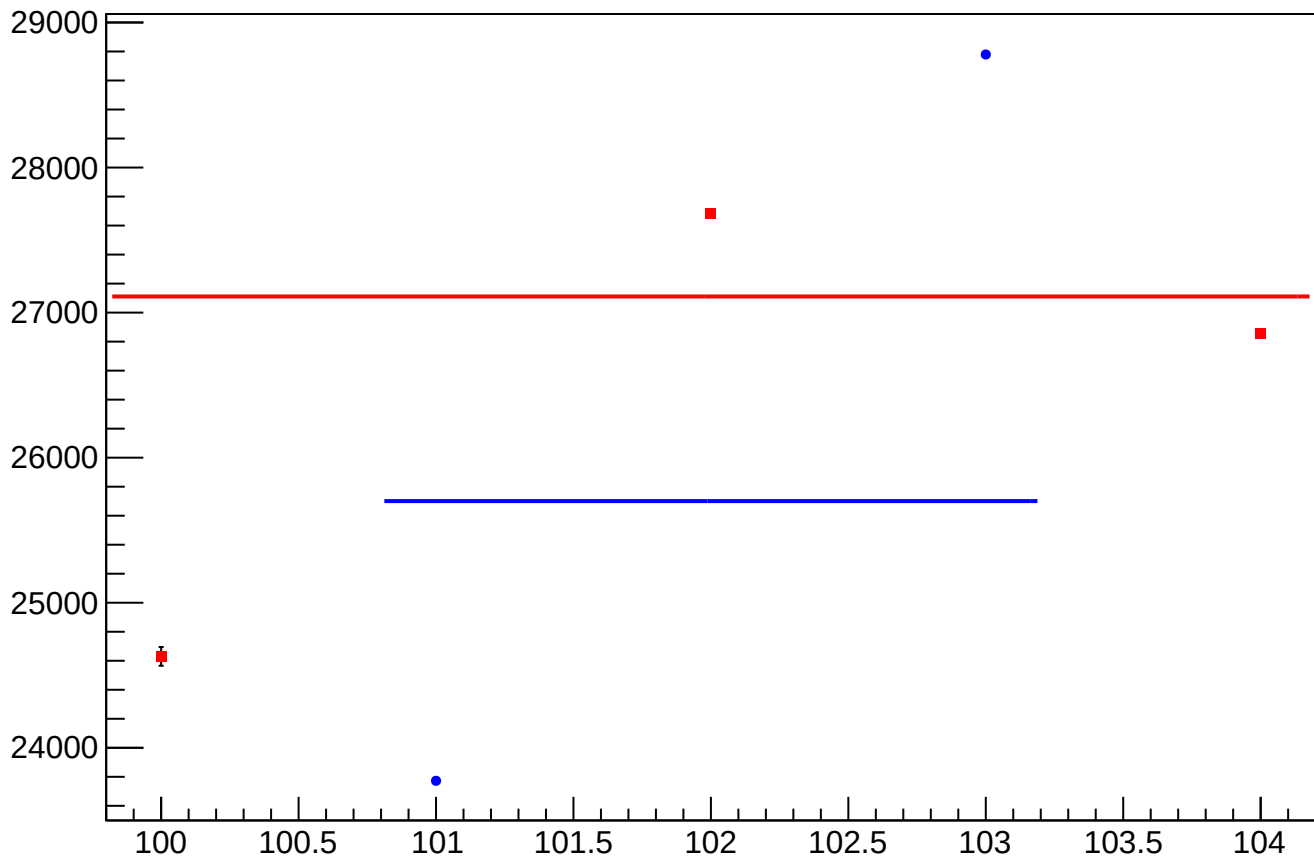
Right: 2.264+/-16.745 χ^2/NDF : 3.1/4

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.264+/-16.745 χ^2/NDF : 3.1/4

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 25700.68 ± 16.272 $\chi^2/\text{NDF}: 22420.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 27111.68 ± 17.263 $\chi^2/\text{NDF}: 2112.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

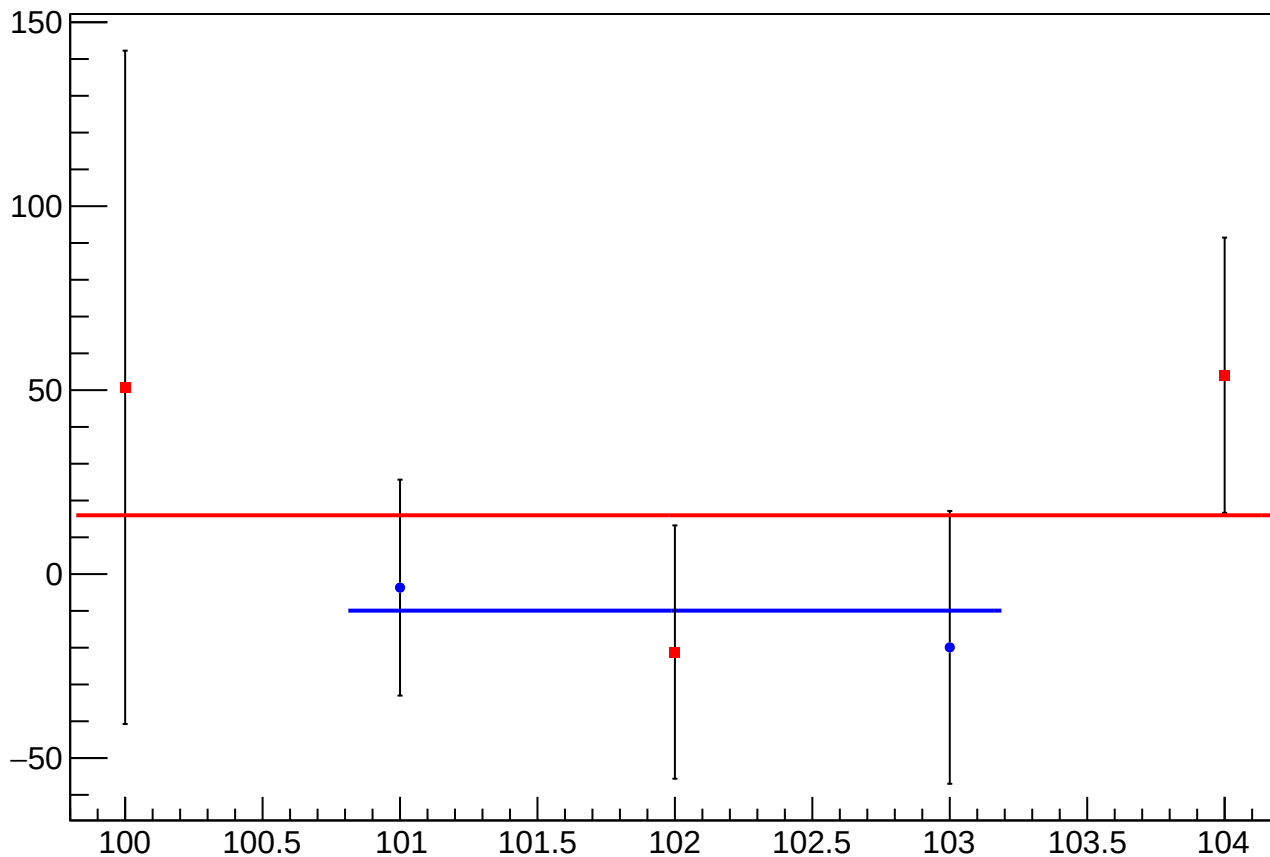
Right: 26364.257 ± 11.841 $\chi^2/\text{NDF}: 28068.0/4$

In: 25700.68 ± 16.272 $\chi^2/\text{NDF}: 22420.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 26364.257 ± 11.841 $\chi^2/\text{NDF}: 28068.0/4$

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: 15.988+/-24.414 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

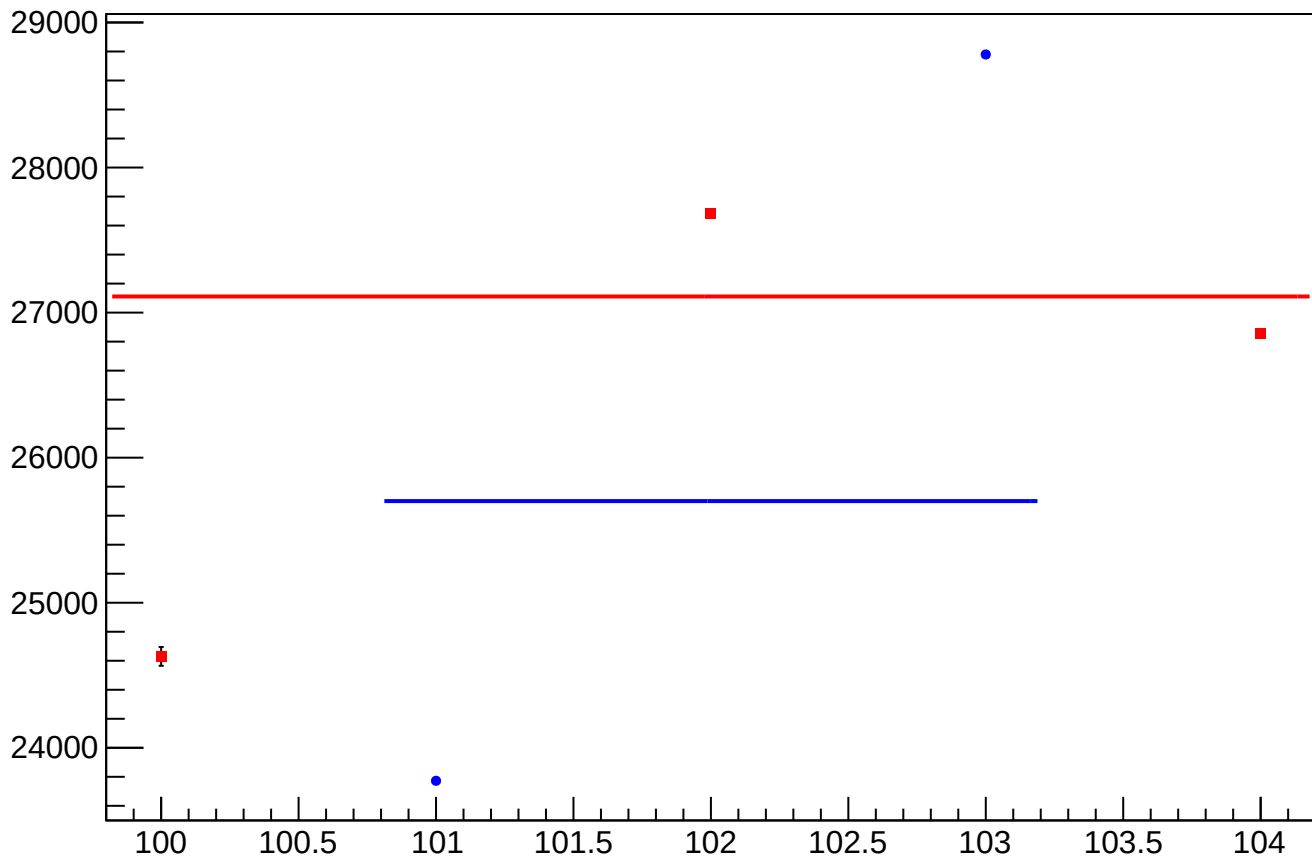
Right: 2.264+/-16.745 χ^2/NDF : 3.1/4

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.264+/-16.745 χ^2/NDF : 3.1/4

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27111.168+/-17.263 χ^2/NDF : 2112.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

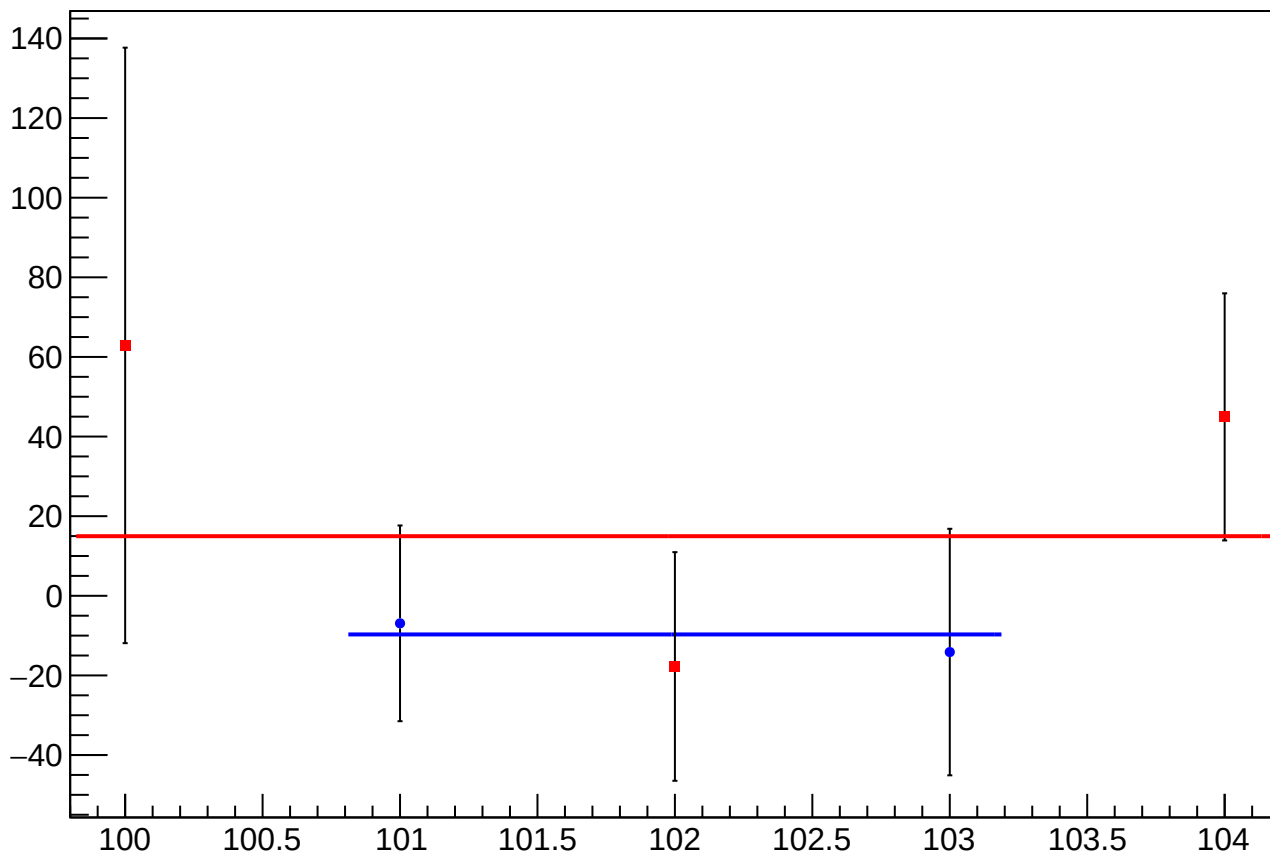
Right: 26364.257+/-11.841 χ^2/NDF : 28068.0/4

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26364.257+/-11.841 χ^2/NDF : 28068.0/4

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -9.707+/-19.253 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.974+/-20.288 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

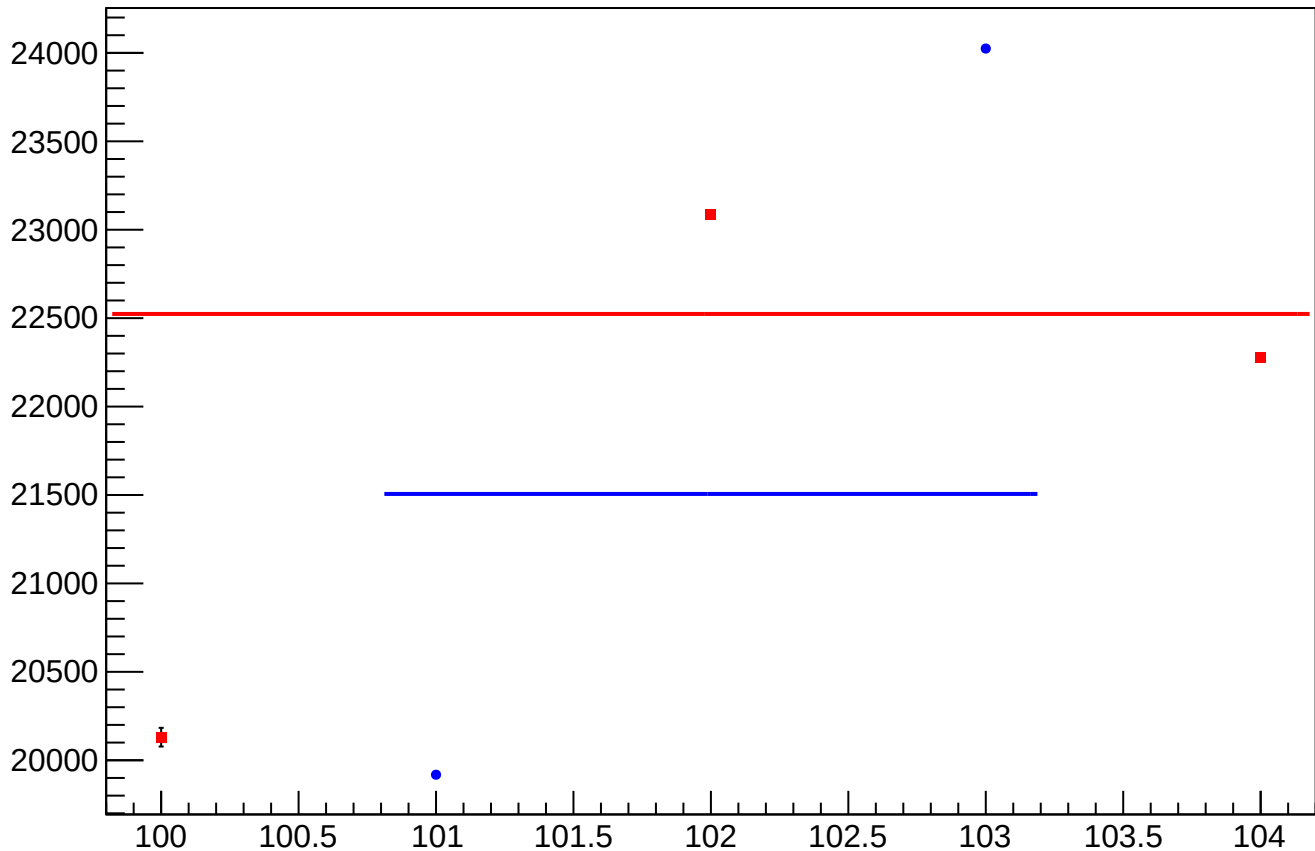
Right: 1.989+/-13.966 χ^2/NDF : 3.5/4

In: -9.707+/-19.253 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.989+/-13.966 χ^2/NDF : 3.5/4

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: 22523.804+/-14.346 χ^2/NDF : 2939.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

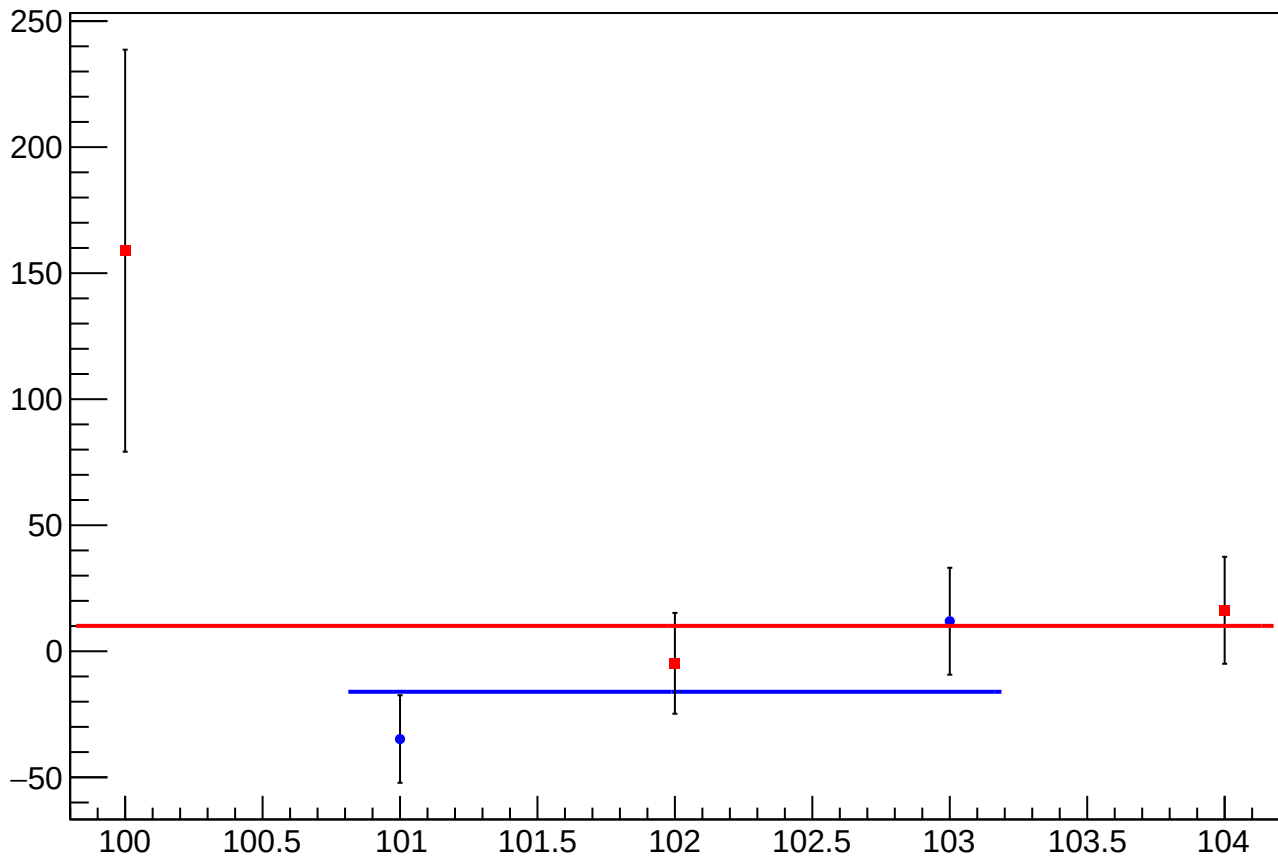
Right: 21988.280+/-9.875 χ^2/NDF : 27164.2/4

In: 21505.976+/-13.614 χ^2/NDF : 21575.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21988.280+/-9.875 χ^2/NDF : 27164.2/4

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: 10.076 $\pm$ 14.316 χ^2 /NDF: 4.1/2

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

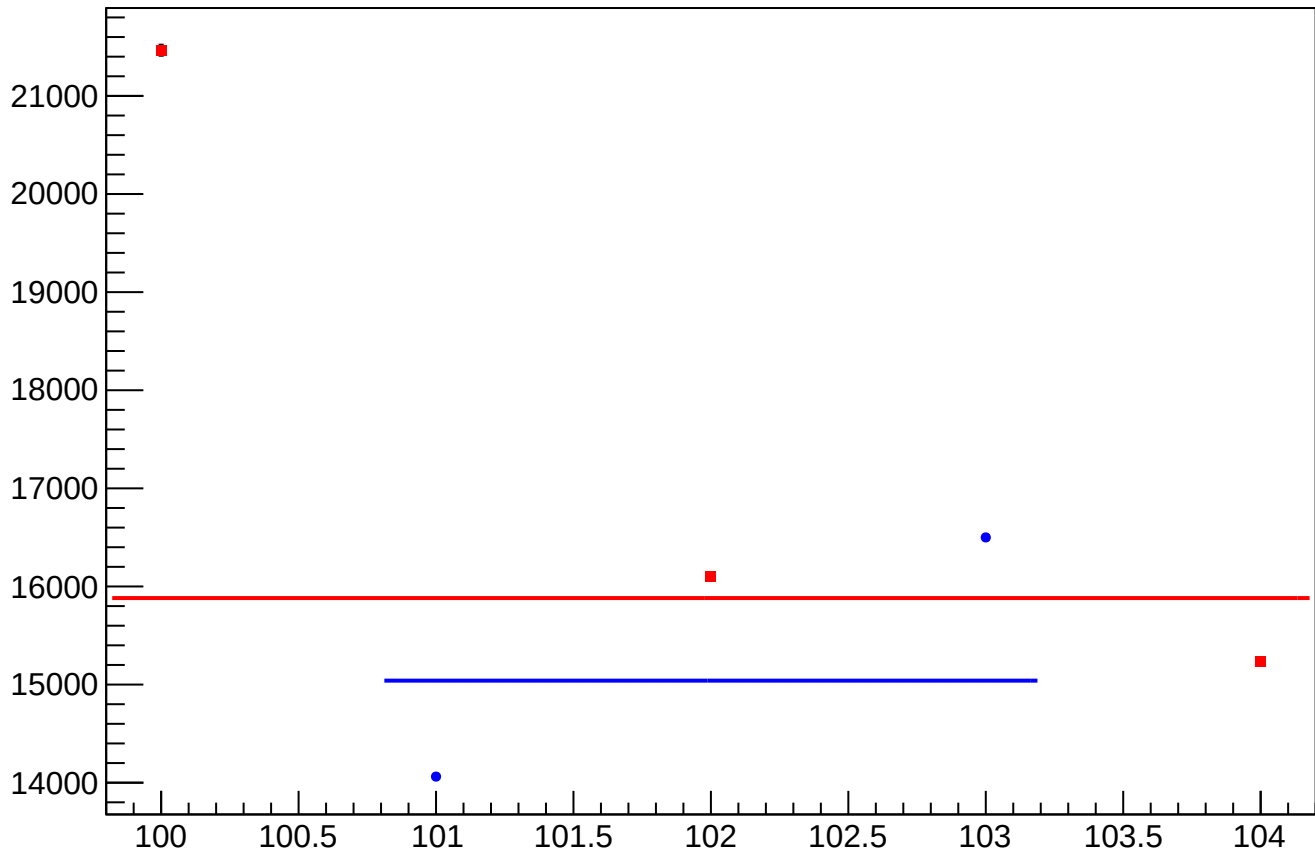
Right: -3.825 $\pm$ 9.797 χ^2 /NDF: 8.8/4

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: -3.825 $\pm$ 9.797 χ^2 /NDF: 8.8/4

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: 15881.821+/-10.123 χ^2/NDF : 11891.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

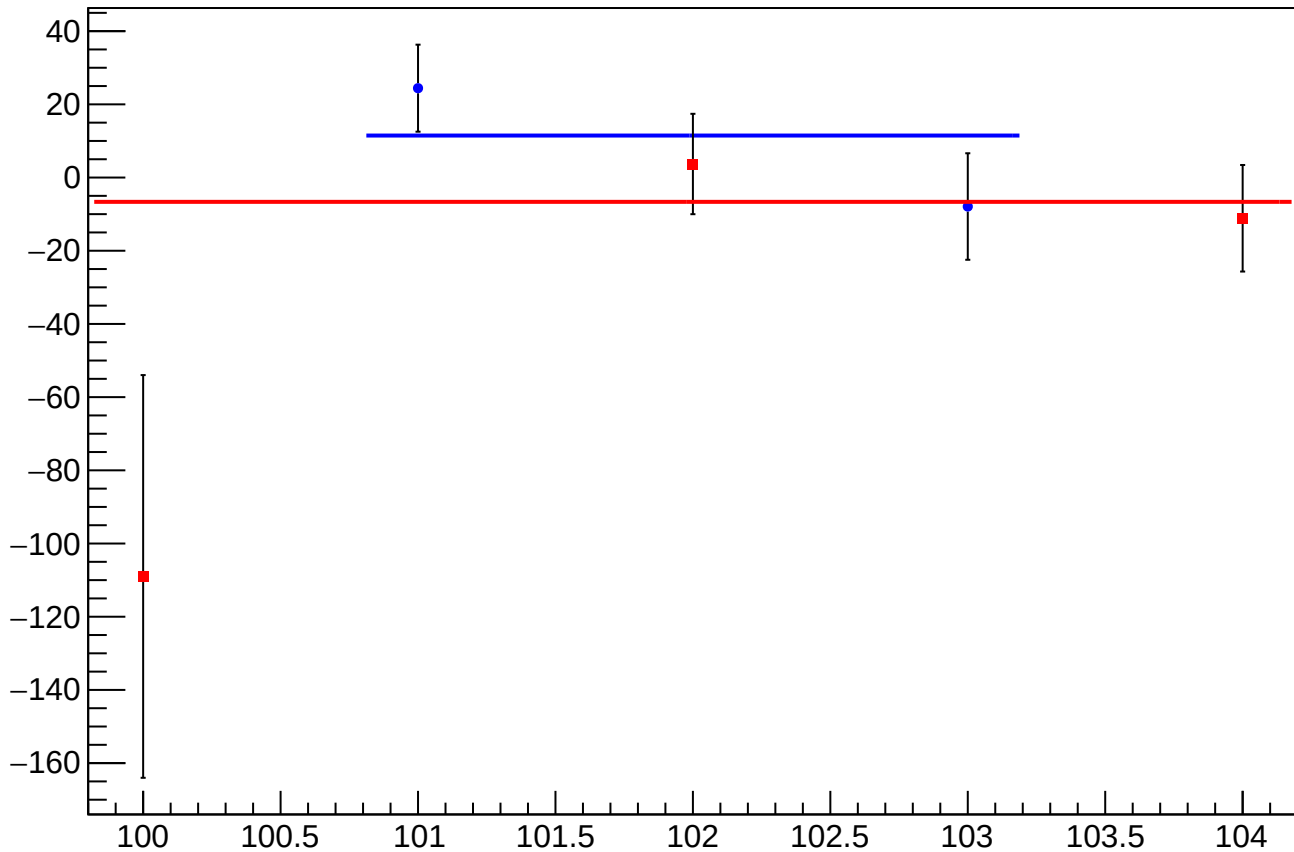
Right: 15434.284+/-6.927 χ^2/NDF : 31385.3/4

In: 15040.114+/-9.500 χ^2/NDF : 15817.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15434.284+/-6.927 χ^2/NDF : 31385.3/4

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: -6.640+/-9.822 χ^2 /NDF: 4.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

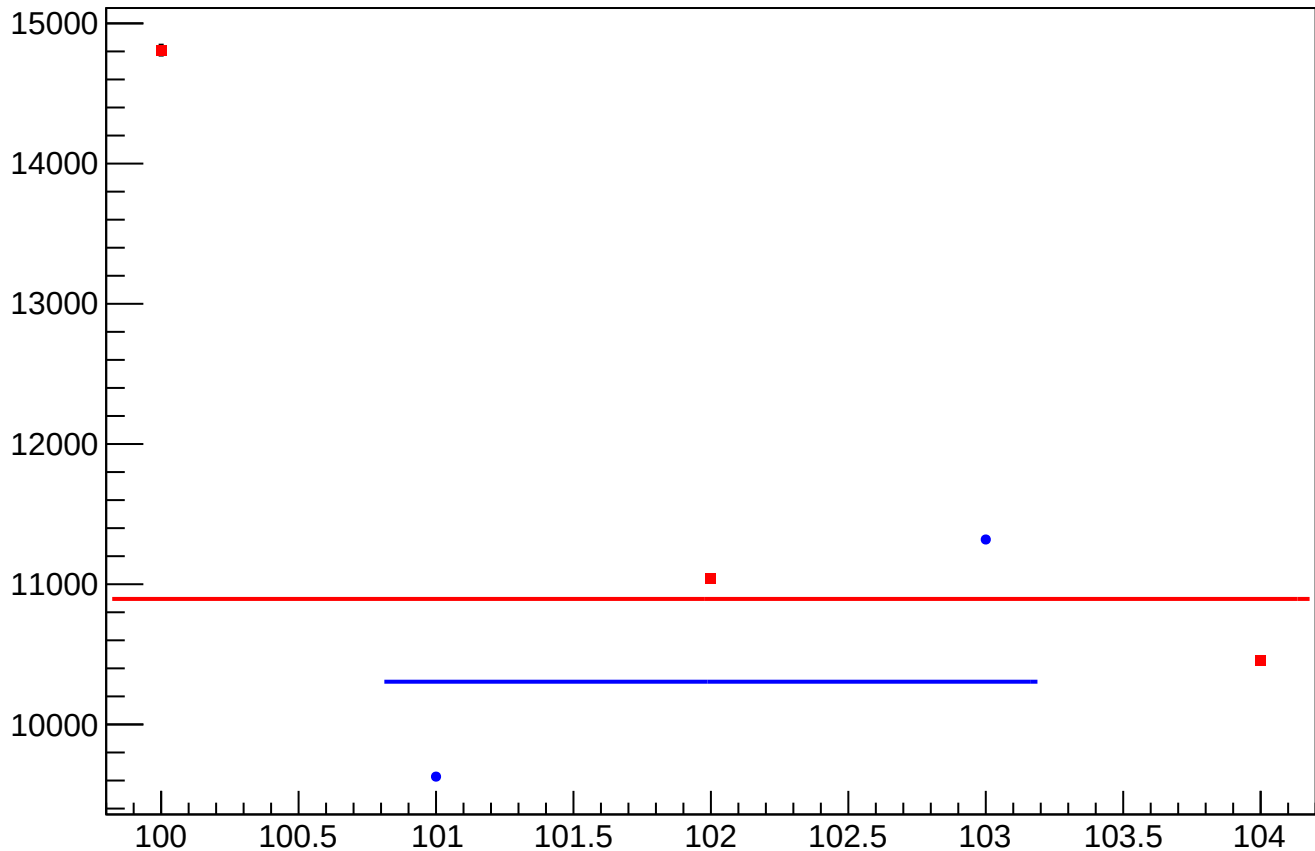
Right: 3.004+/-6.717 χ^2 /NDF: 8.9/4

In: 11.477+/-9.206 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3.004+/-6.717 χ^2 /NDF: 8.9/4

diff_bpm4aediffX_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: 10895.182+/-6.945 χ^2/NDF : 12170.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

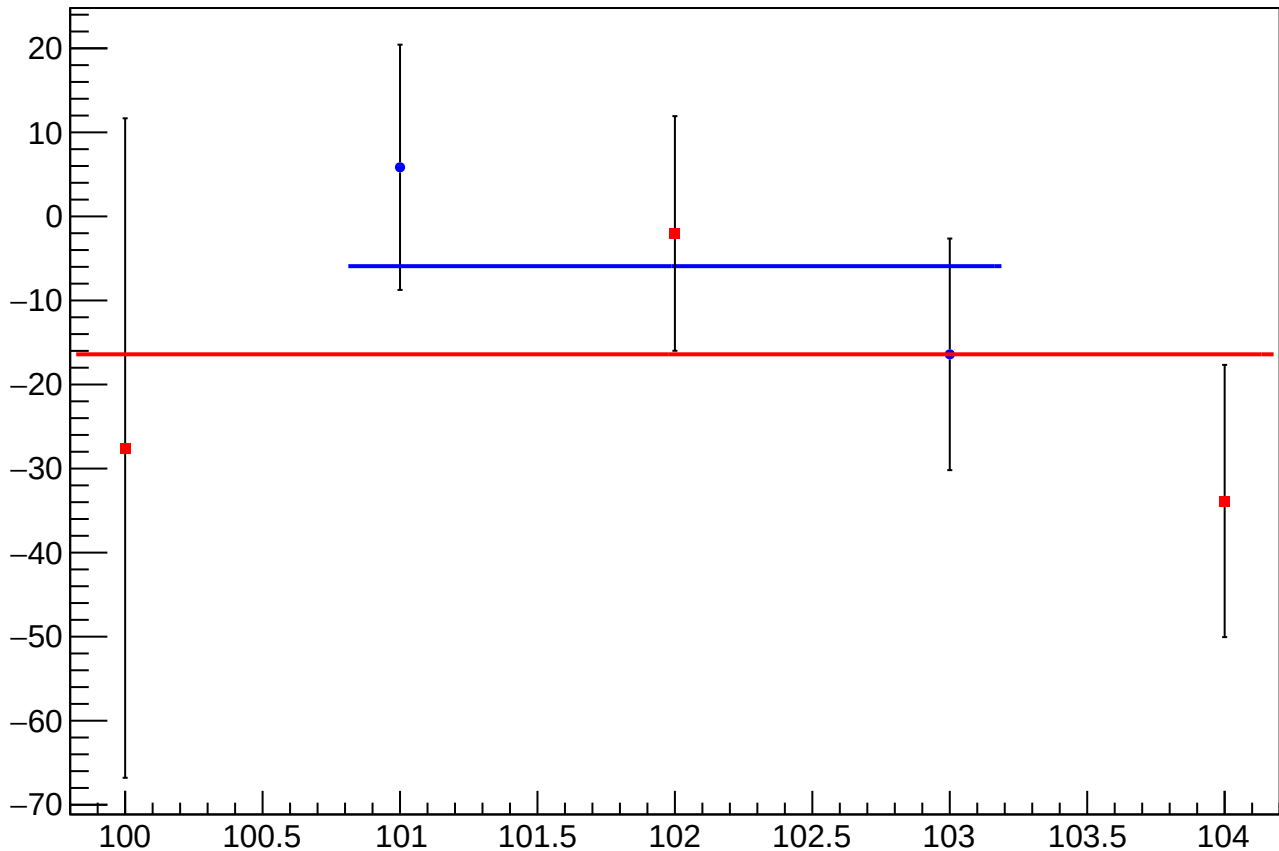
Right: 10580.889+/-4.749 χ^2/NDF : 32220.2/4

In: 10304.777+/-6.510 χ^2/NDF : 16202.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10580.889+/-4.749 χ^2/NDF : 32220.2/4

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: -16.407+/-10.209 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

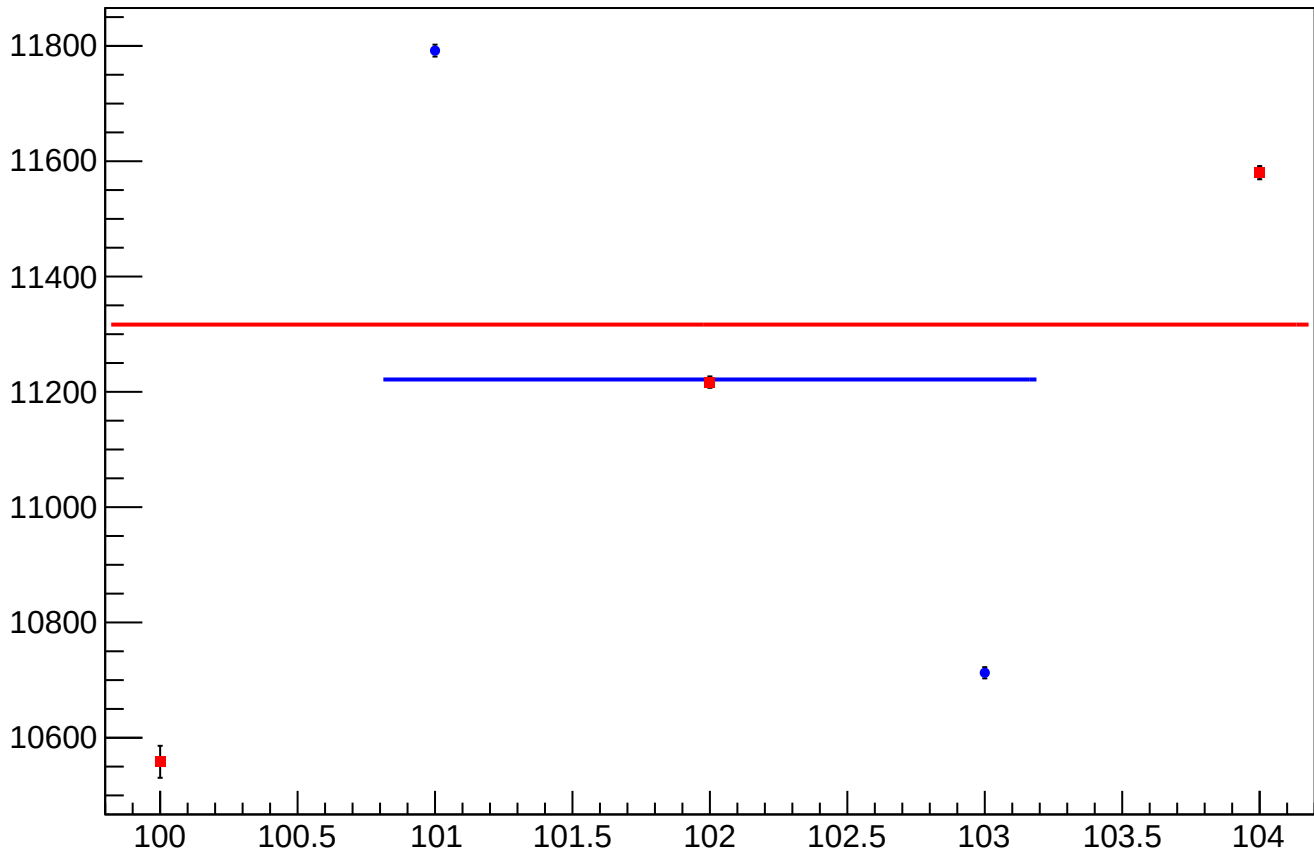
Right: -11.064+/-7.150 χ^2/NDF : 4.1/4

In: -5.919+/-10.017 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.064+/-7.150 χ^2/NDF : 4.1/4

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11221.430 ± 7.083 $\chi^2/\text{NDF}: 5783.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11316.656 ± 7.219 $\chi^2/\text{NDF}: 1378.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

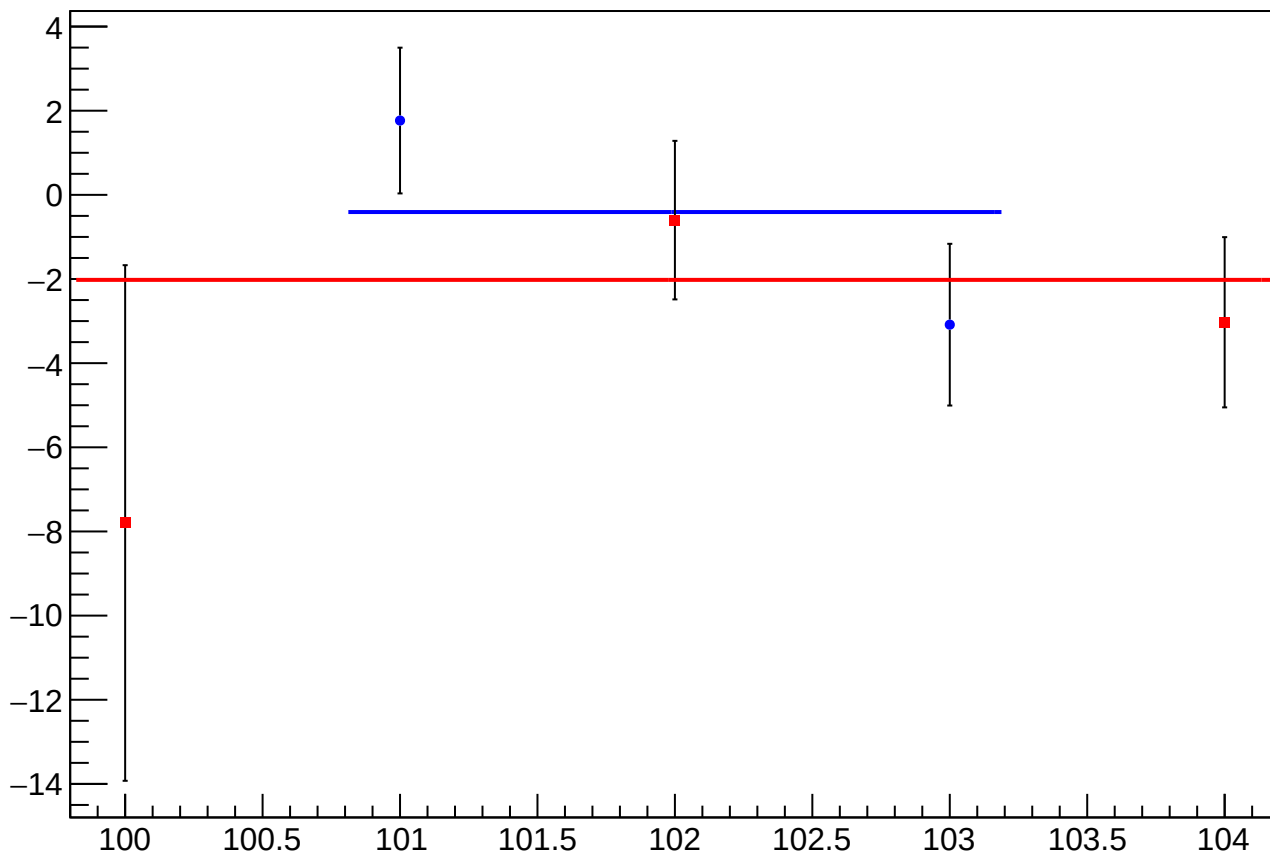
Right: 11268.138 ± 5.056 $\chi^2/\text{NDF}: 7251.5/4$

In: 11221.430 ± 7.083 $\chi^2/\text{NDF}: 5783.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 11268.138 ± 5.056 $\chi^2/\text{NDF}: 7251.5/4$

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.408 $\pm$ 1.287 χ^2 /NDF: 3.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.021 $\pm$ 1.345 χ^2 /NDF: 1.7/2

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

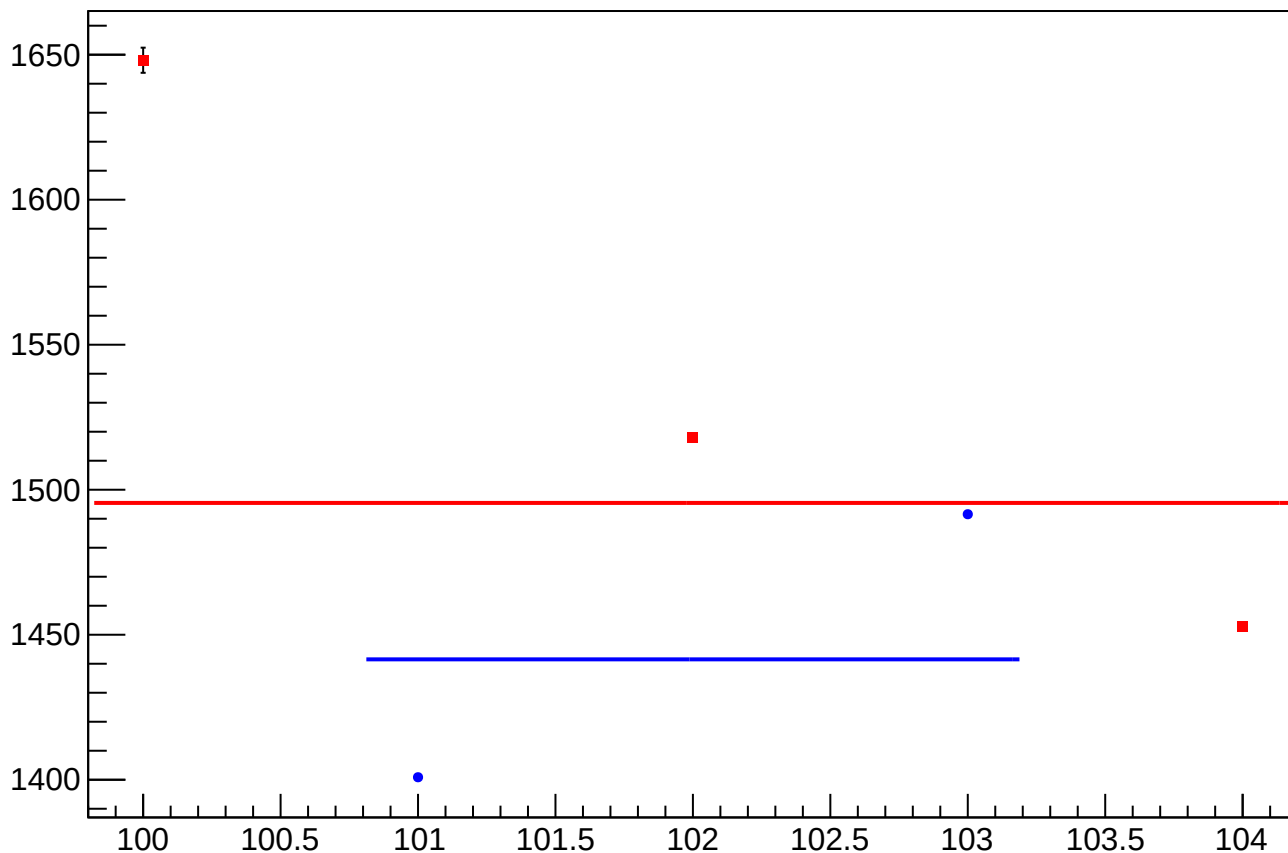
Right: -1.179 $\pm$ 0.930 χ^2 /NDF: 6.0/4

In: -0.408 $\pm$ 1.287 χ^2 /NDF:3.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.179 $\pm$ 0.930 χ^2 /NDF: 6.0/4

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1441.511 $\pm$ 0.910 χ^2 /NDF: 2458.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1495.450 $\pm$ 0.951 χ^2 /NDF: 2418.6/2

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

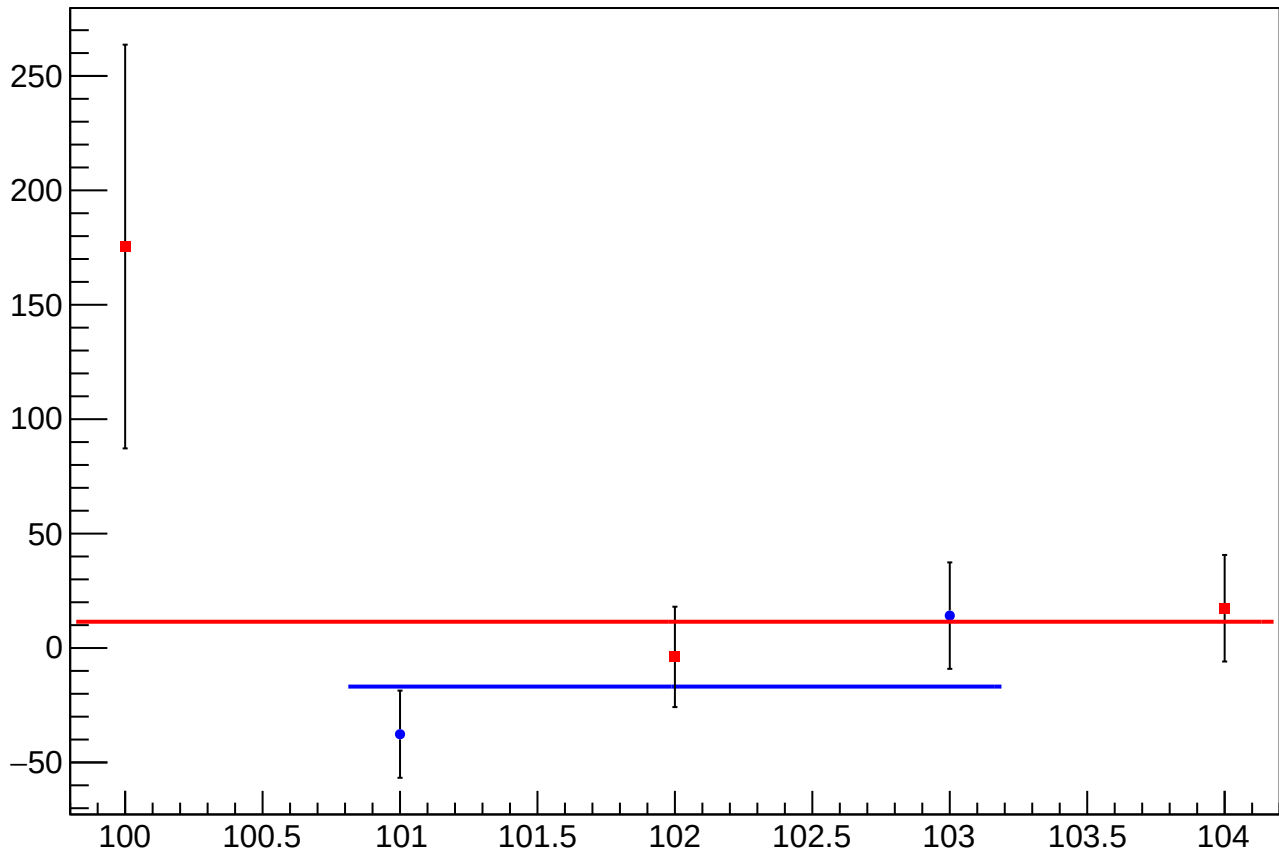
Right: 1467.281 $\pm$ 0.657 χ^2 /NDF: 6556.0/4

In: 1441.511 $\pm$ 0.910 χ^2 /NDF:2458.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1467.281 $\pm$ 0.657 χ^2 /NDF: 6556.0/4

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -16.852 +/- 14.739 χ^2/NDF : 3.0/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 11.487 +/- 15.711 χ^2/NDF : 4.0/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

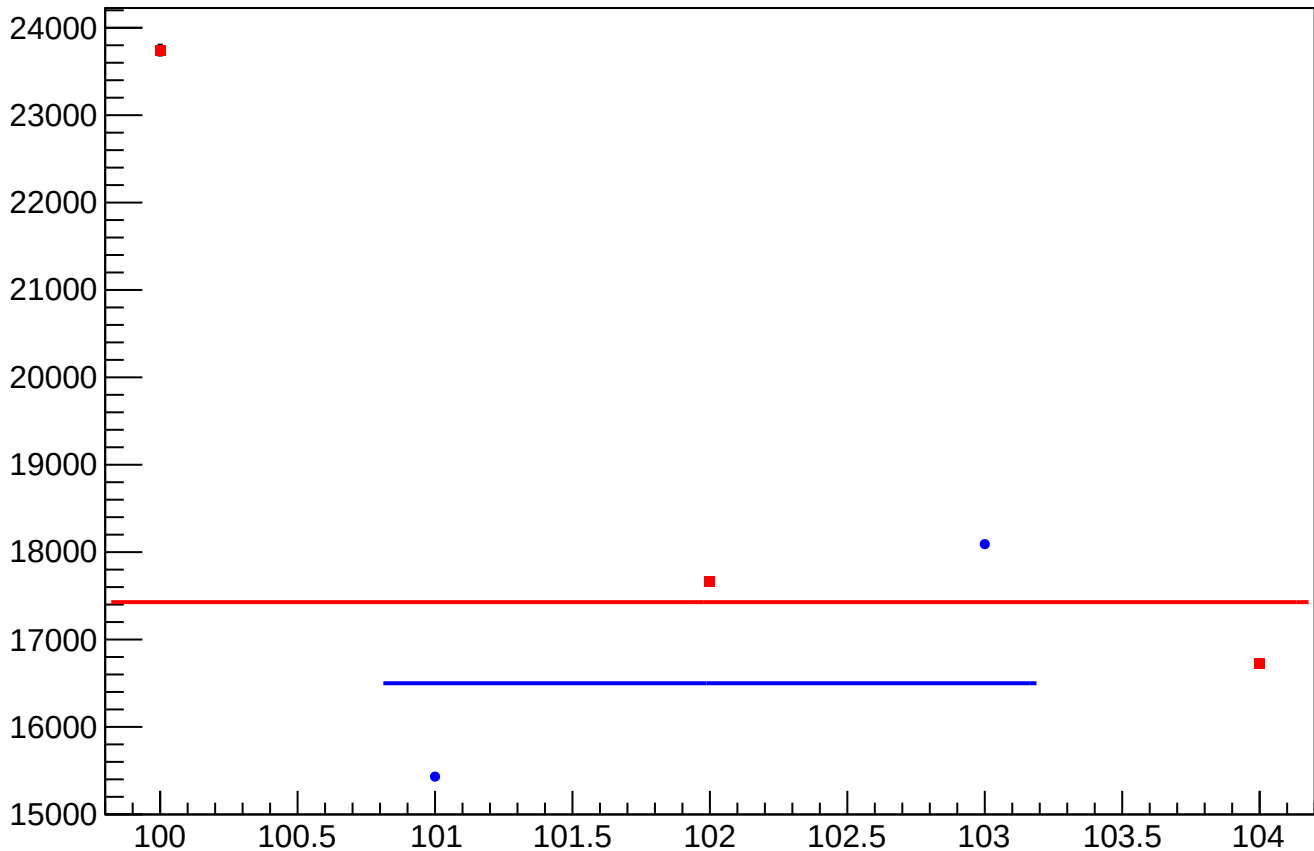
Right: -3.587 +/- 10.749 χ^2/NDF : 8.7/4

In: -16.852 +/- 14.739 χ^2/NDF : 3.0/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -3.587 +/- 10.749 χ^2/NDF : 8.7/4

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: 17427.679+/-11.109 χ^2/NDF : 12305.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

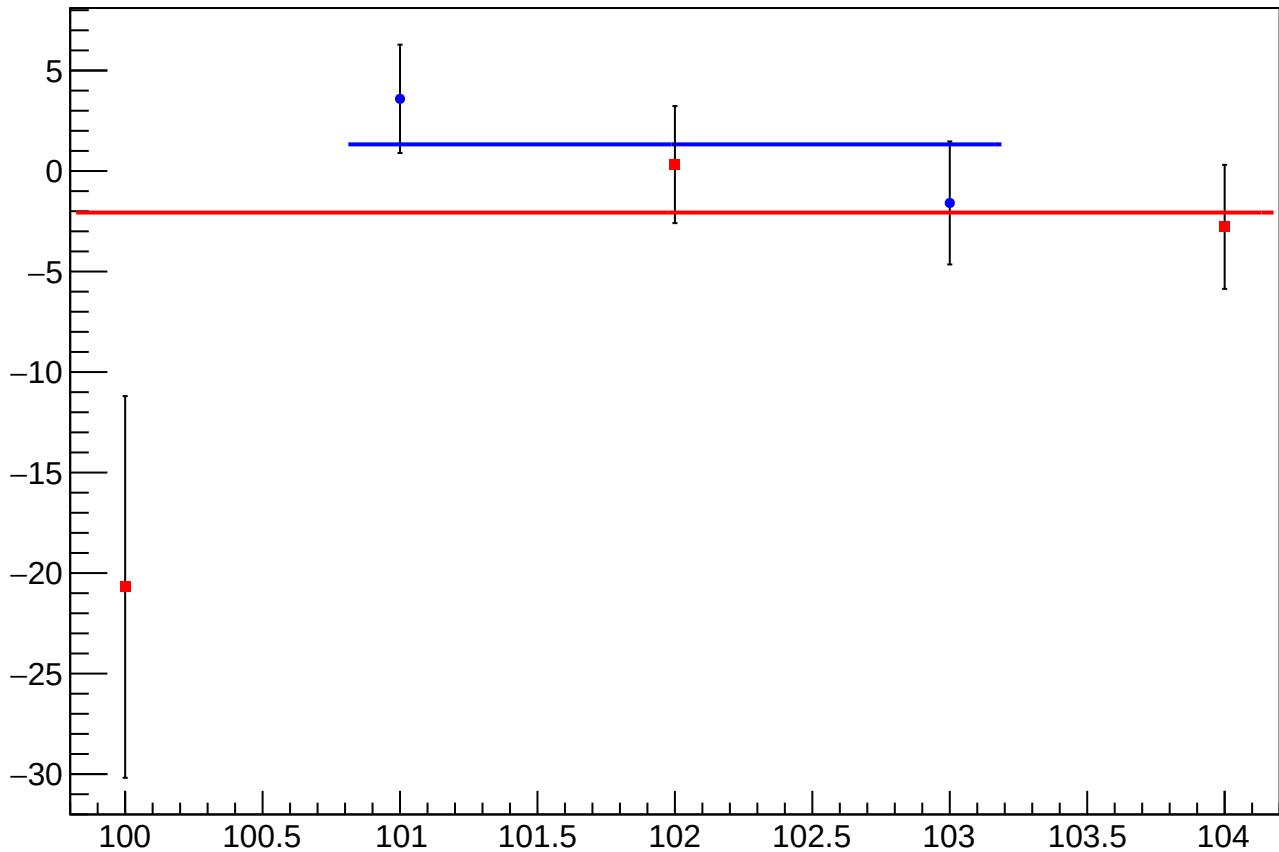
Right: 16934.118+/-7.601 χ^2/NDF : 31680.0/4

In: 16499.751+/-10.422 χ^2/NDF : 15663.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16934.118+/-7.601 χ^2/NDF : 31680.0/4

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 1.326+/-2.023 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.066+/-2.067 χ^2/NDF : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

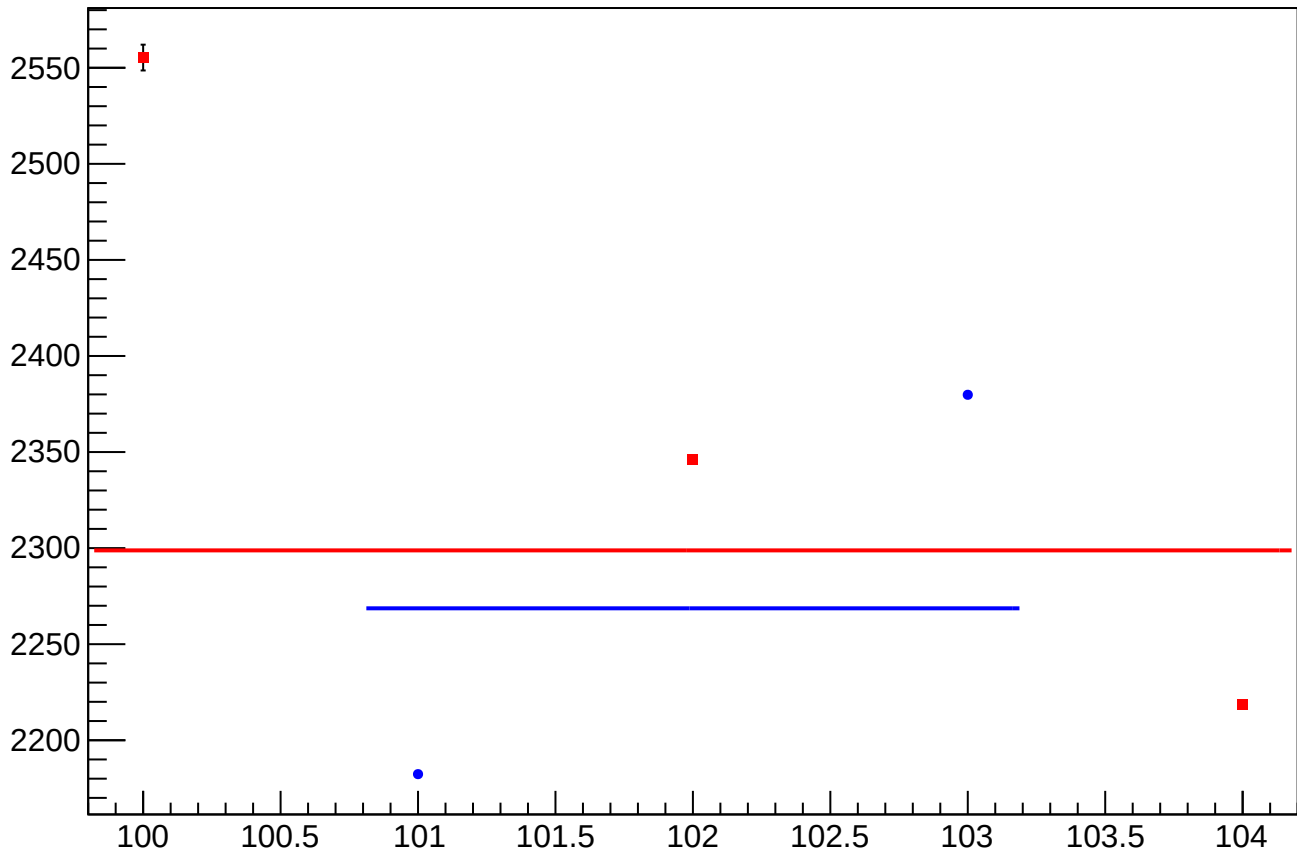
Right: -0.333+/-1.446 χ^2/NDF : 7.6/4

In: 1.326+/-2.023 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.333+/-1.446 χ^2/NDF : 7.6/4

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: 2298.818+/-1.461 χ^2/NDF : 3326.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

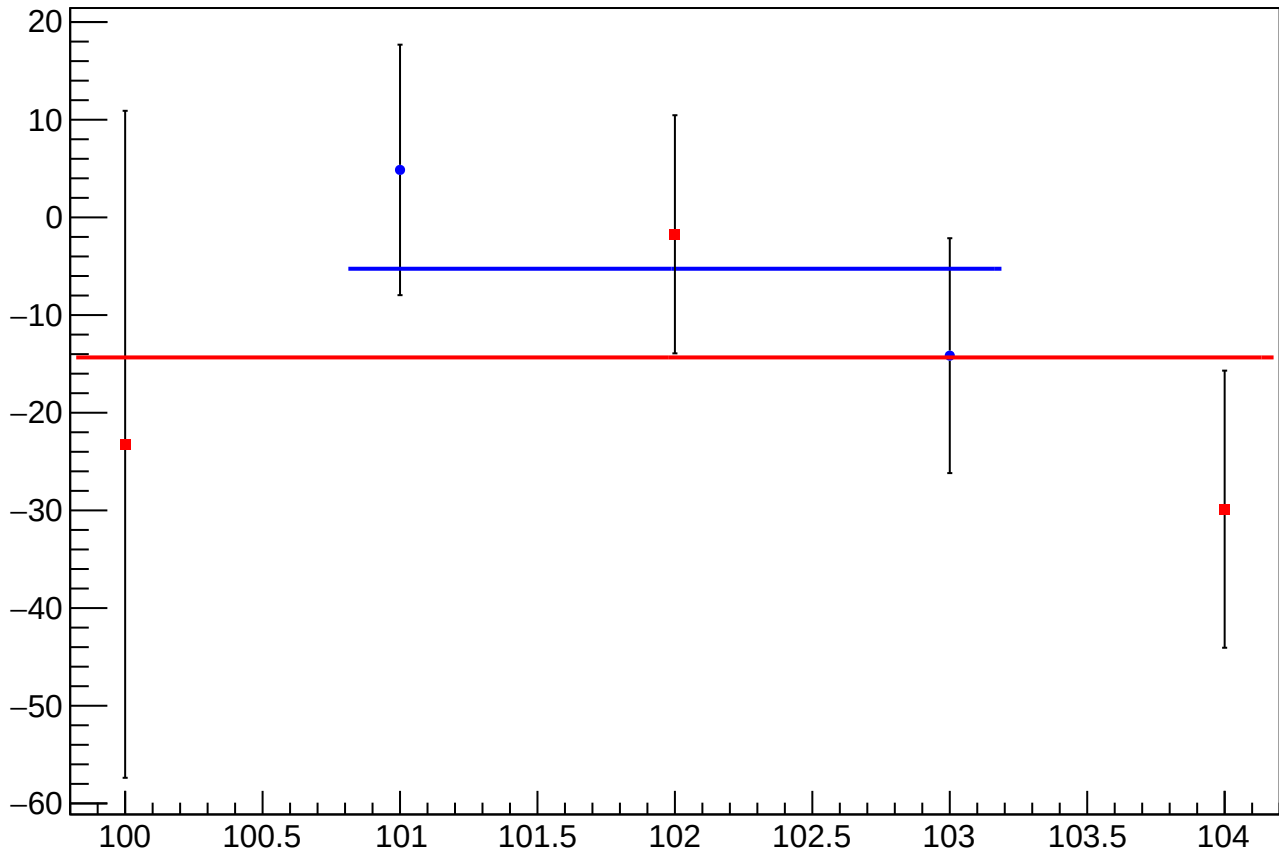
Right: 2283.416+/-1.022 χ^2/NDF : 8233.6/4

In: 2268.666+/-1.430 χ^2/NDF : 4689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2283.416+/-1.022 χ^2/NDF : 8233.6/4

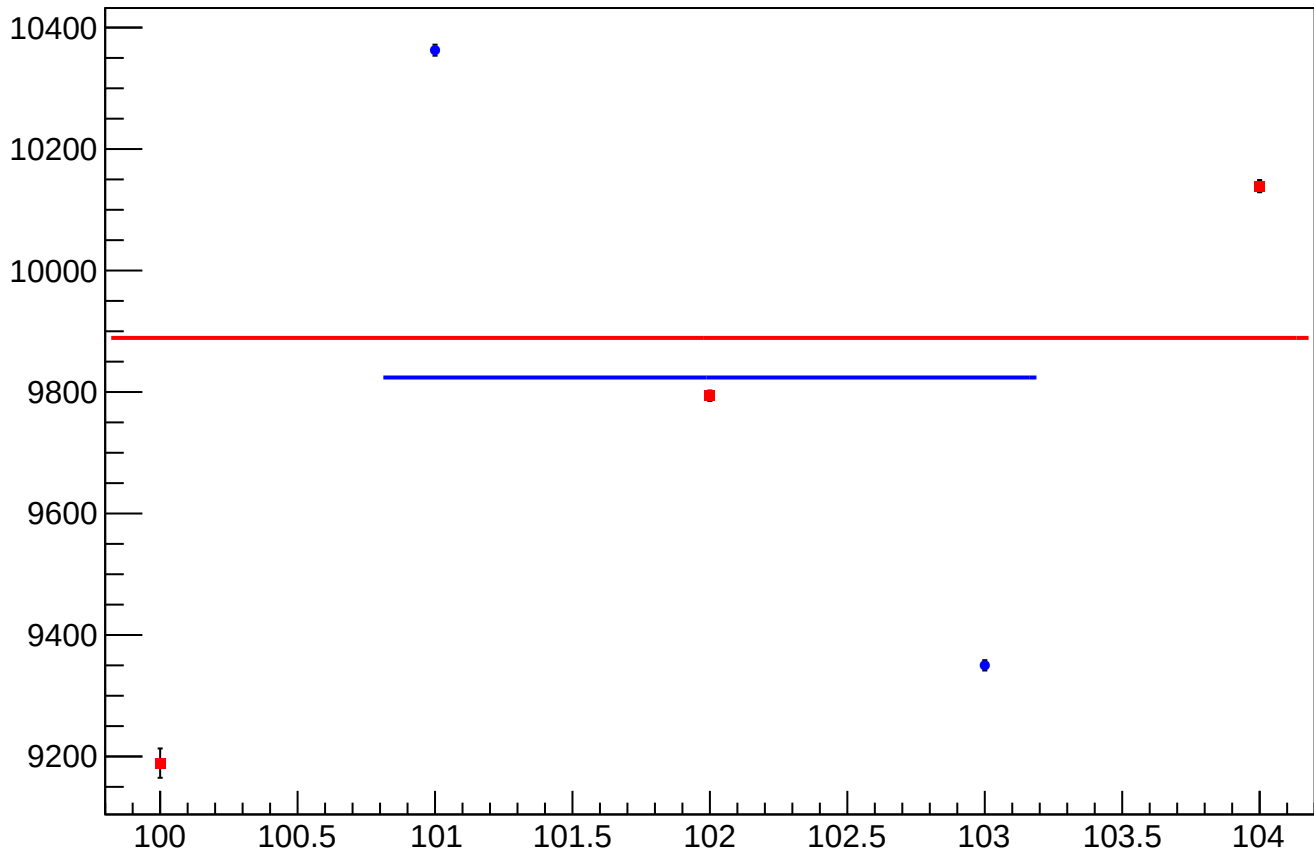
diff_bpmtargetsumY_mean vs Slug, Sign Corrected



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: -14.337+/-8.924 χ^2/NDF : 2.3/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -9.719+/-6.256 χ^2/NDF : 4.0/4
 In: -5.258+/-8.771 χ^2/NDF : 1.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.719+/-6.256 χ^2/NDF : 4.0/4

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: 9889.088 $\pm$ 6.311 χ^2 /NDF: 1583.1/2

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

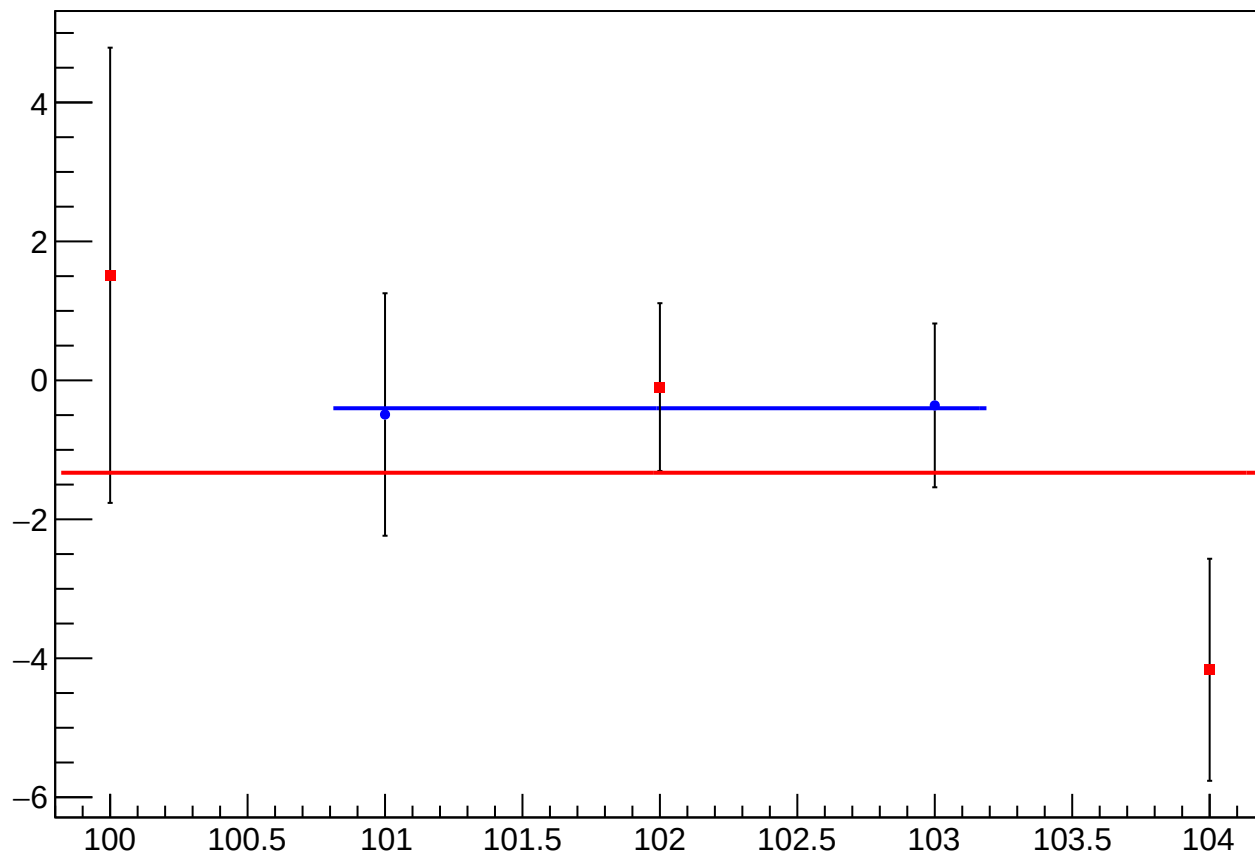
Right: 9855.934 $\pm$ 4.423 χ^2 /NDF: 8274.7/4

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: 9855.934 $\pm$ 4.423 χ^2 /NDF: 8274.7/4

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: -0.401+/-0.977 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.330+/-0.924 χ^2/NDF : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

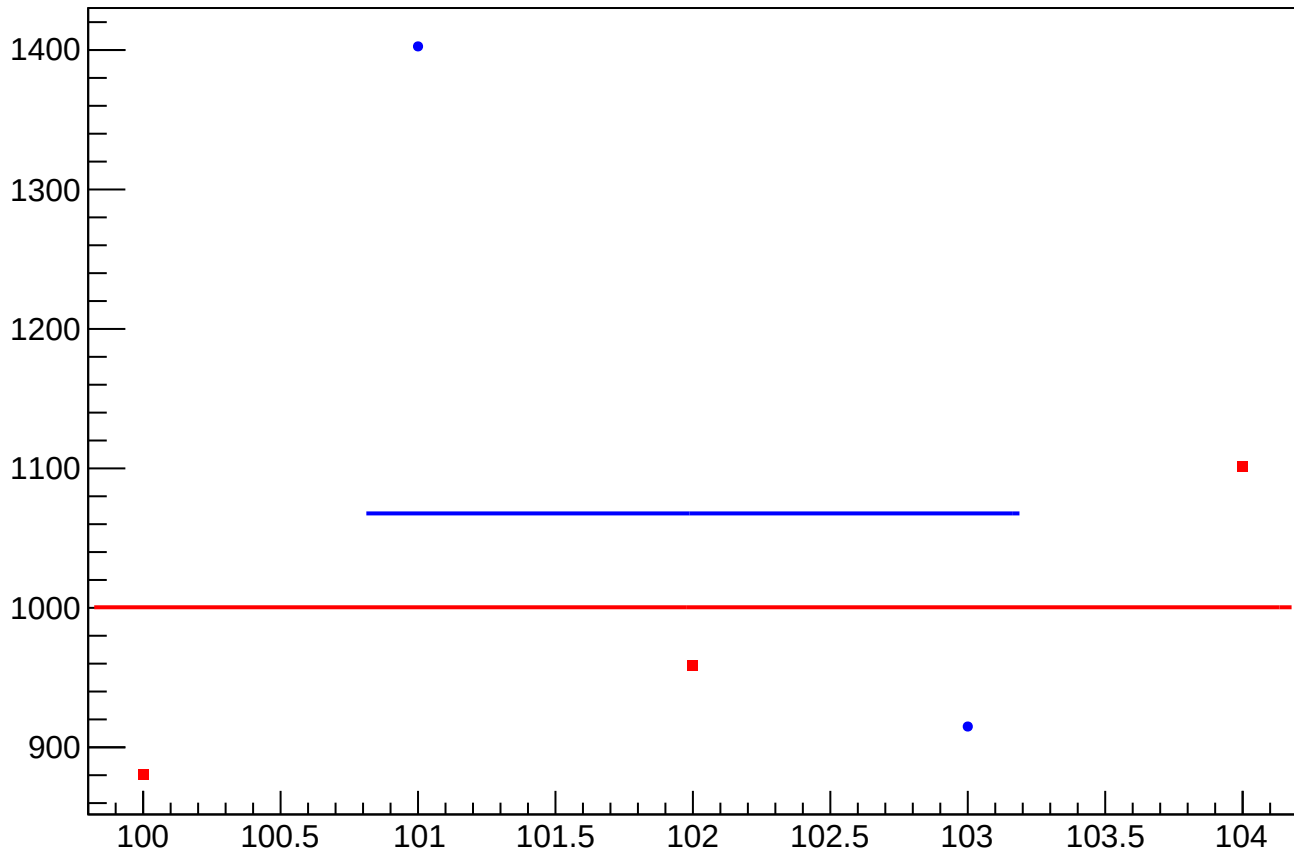
Right: -0.891+/-0.671 χ^2/NDF : 5.4/4

In: -0.401+/-0.977 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.891+/-0.671 χ^2/NDF : 5.4/4

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1067.720 $\pm$ 0.691 χ^2 /NDF: 107278.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1000.414 $\pm$ 0.653 χ^2 /NDF: 13081.8/2

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

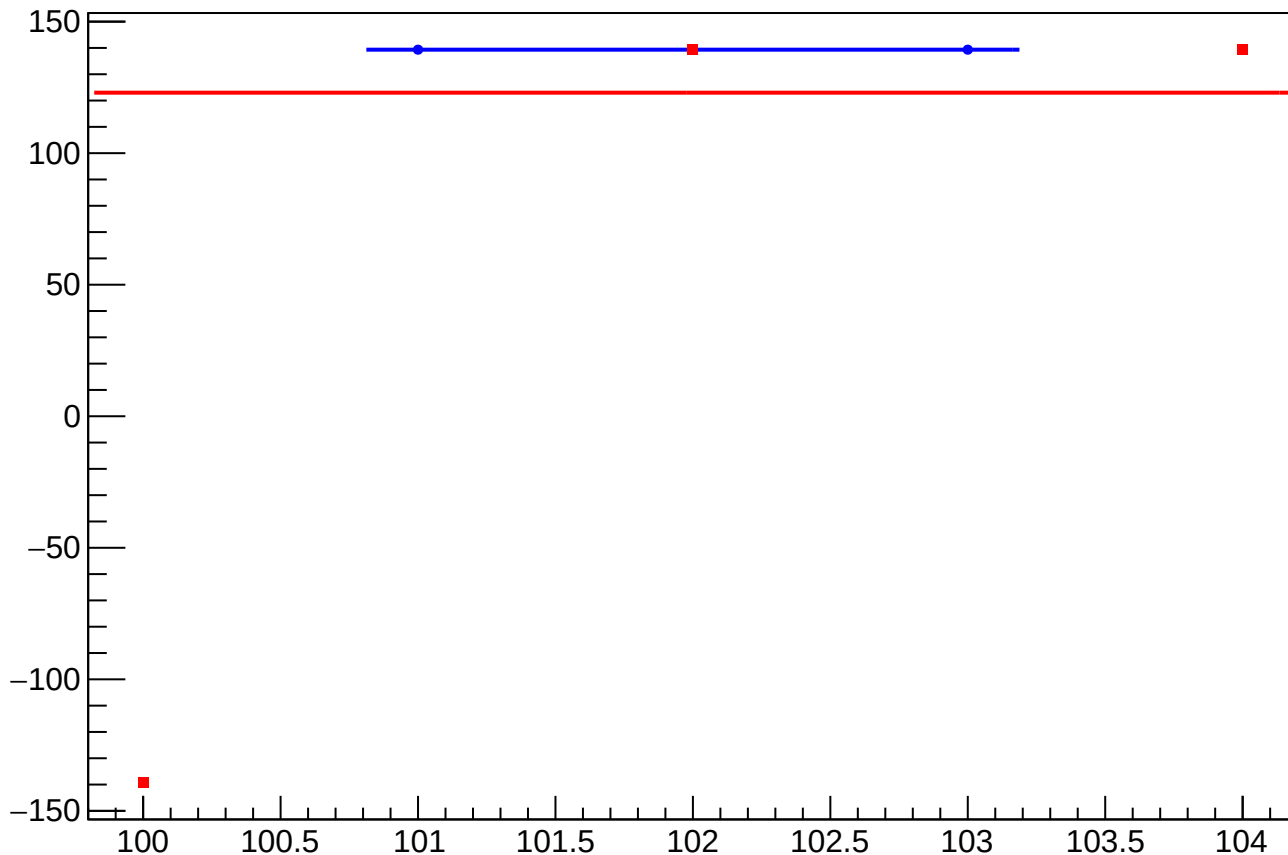
Right: 1032.206 $\pm$ 0.475 χ^2 /NDF: 125371.6/4

In: 1067.720 $\pm$ 0.691 χ^2 /NDF: 107278.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1032.206 $\pm$ 0.475 χ^2 /NDF: 125371.6/4

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: 122.994 $\pm$ 0.000 χ^2 /NDF: 767096280588271.9/2

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

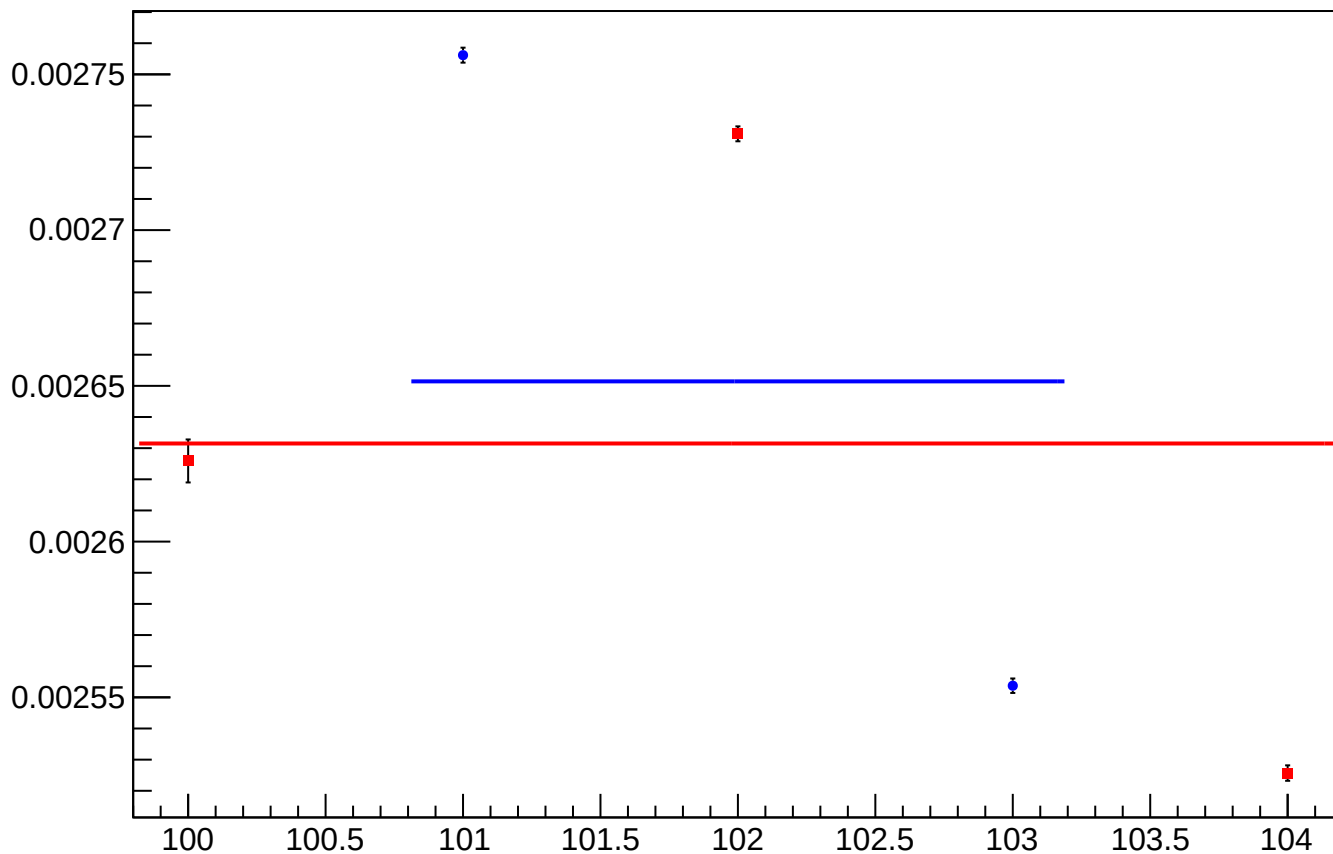
Right: 131.172 $\pm$ 0.000 χ^2 /NDF: 791010613482864

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: 131.172 $\pm$ 0.000 χ^2 /NDF: 791010613482

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 : 3543.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

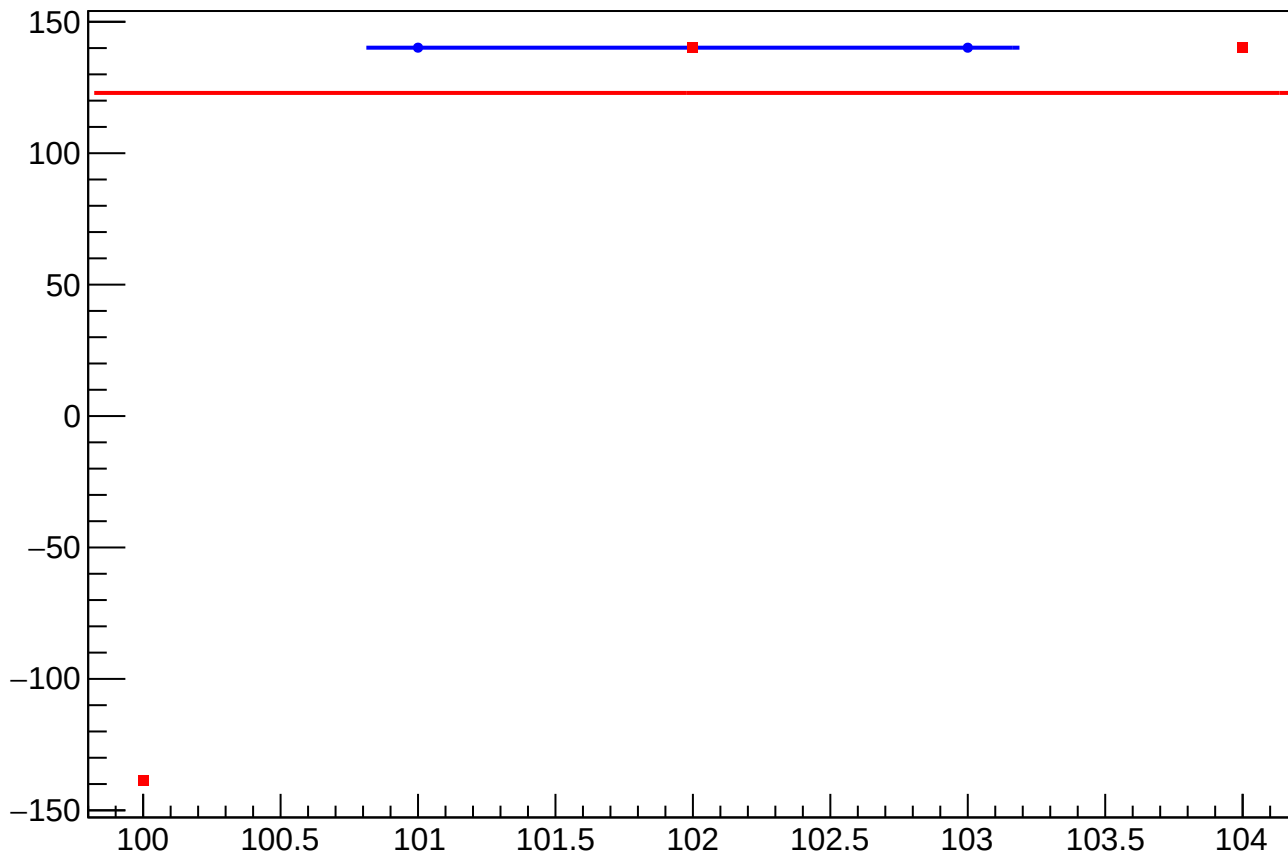
Right: 0.003+/-0.000 χ^2/NDF : 7280.9/4

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 : 7280.9/4

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.149 ± 0.000 $\chi^2/\text{NDF}: 5010051.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 122.936 ± 0.000 $\chi^2/\text{NDF}: 802699910142374.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

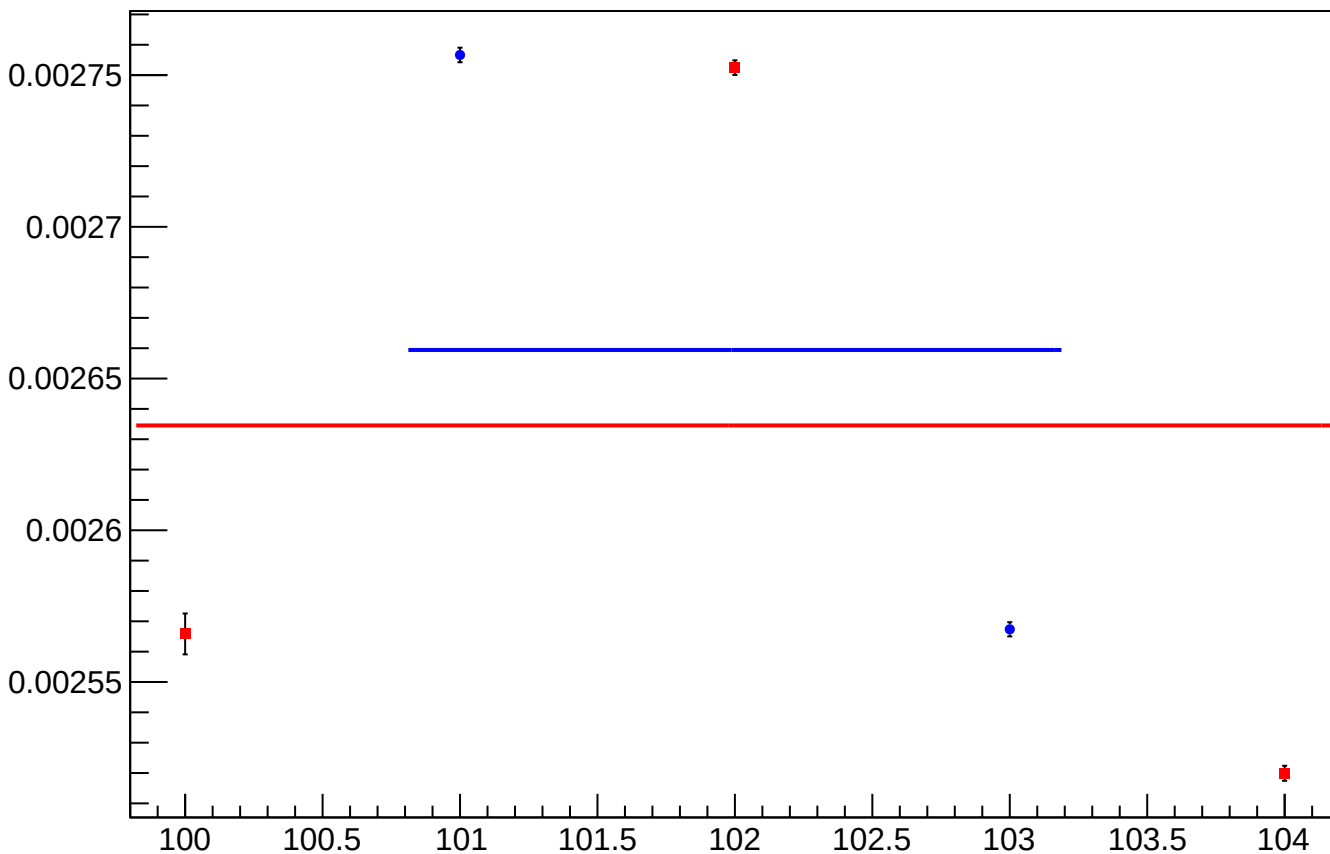
Right: 131.528 ± 0.000 $\chi^2/\text{NDF}: 829075826728040.0/2$

In: 140.149 ± 0.000 $\chi^2/\text{NDF}: 5010051.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 131.528 ± 0.000 $\chi^2/\text{NDF}: 829075826728040.0/2$

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 : 4632.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

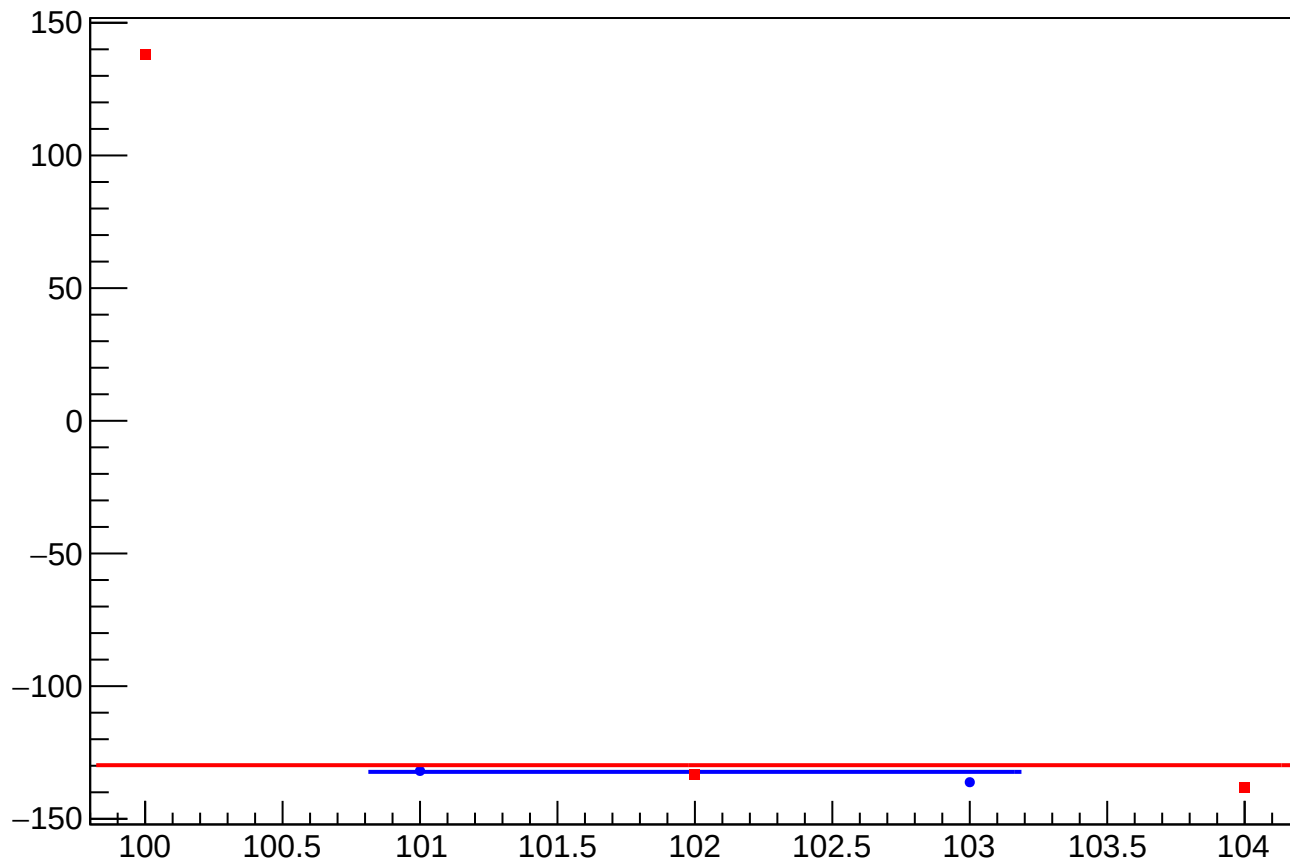
Right: 0.003+/-0.000 χ^2/NDF : 7924.1/4

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 : 7924.1/4

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -132.302 $\pm$ 0.002 χ^2 /NDF: 598777.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -129.785 $\pm$ 0.002 χ^2 /NDF: 183426677.4/2

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

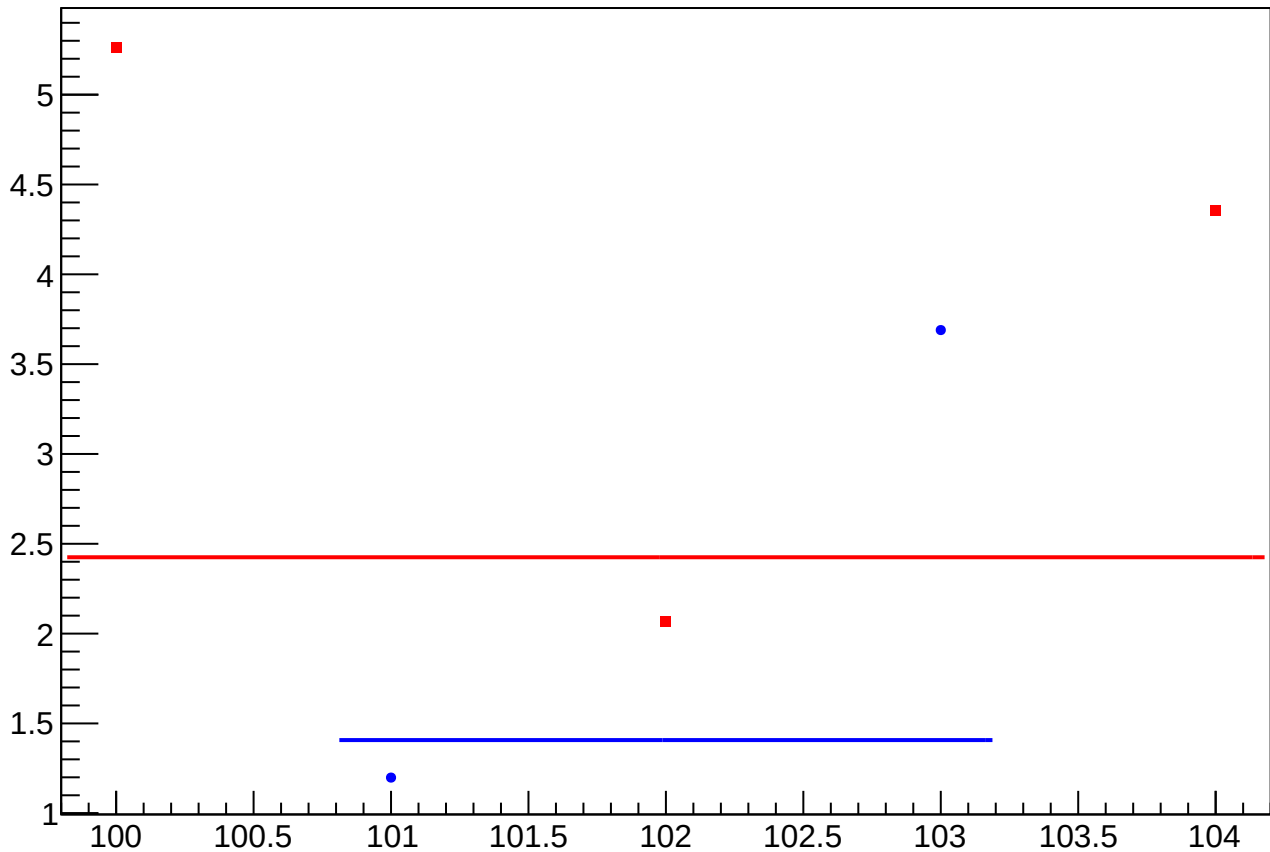
Right: -131.610 $\pm$ 0.001 χ^2 /NDF: 184776531.8/4

In: -132.302 $\pm$ 0.002 χ^2 /NDF: 598777.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -131.610 $\pm$ 0.001 χ^2 /NDF: 184776531.8/4

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: 2.425 $\pm$ 0.002 χ^2 /NDF: 240414.4/2

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

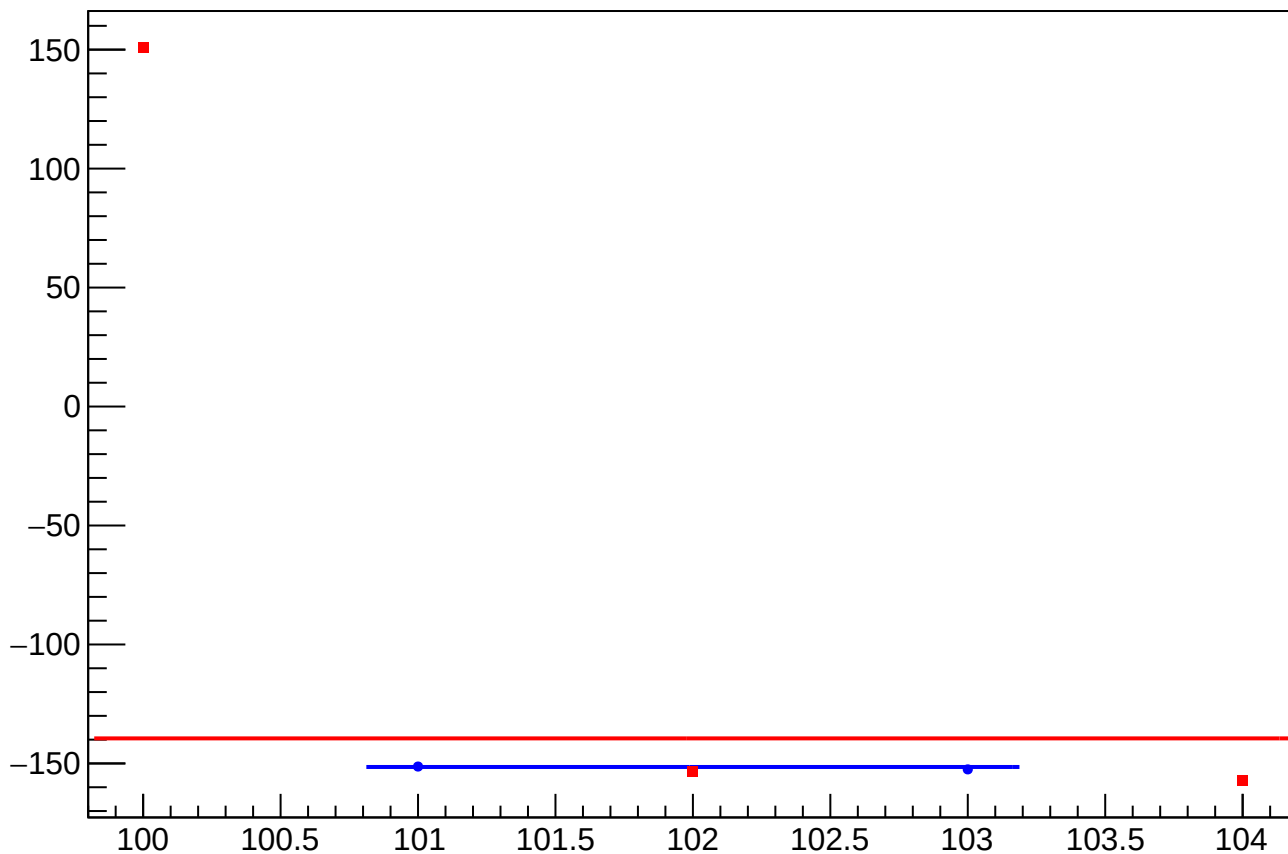
Right: 1.687 $\pm$ 0.001 χ^2 /NDF: 897056.2/4

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: 1.687 $\pm$ 0.001 χ^2 /NDF: 897056.2/4

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: -139.469 $\pm$ 0.005 χ^2 /NDF: 211291903.2/2

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

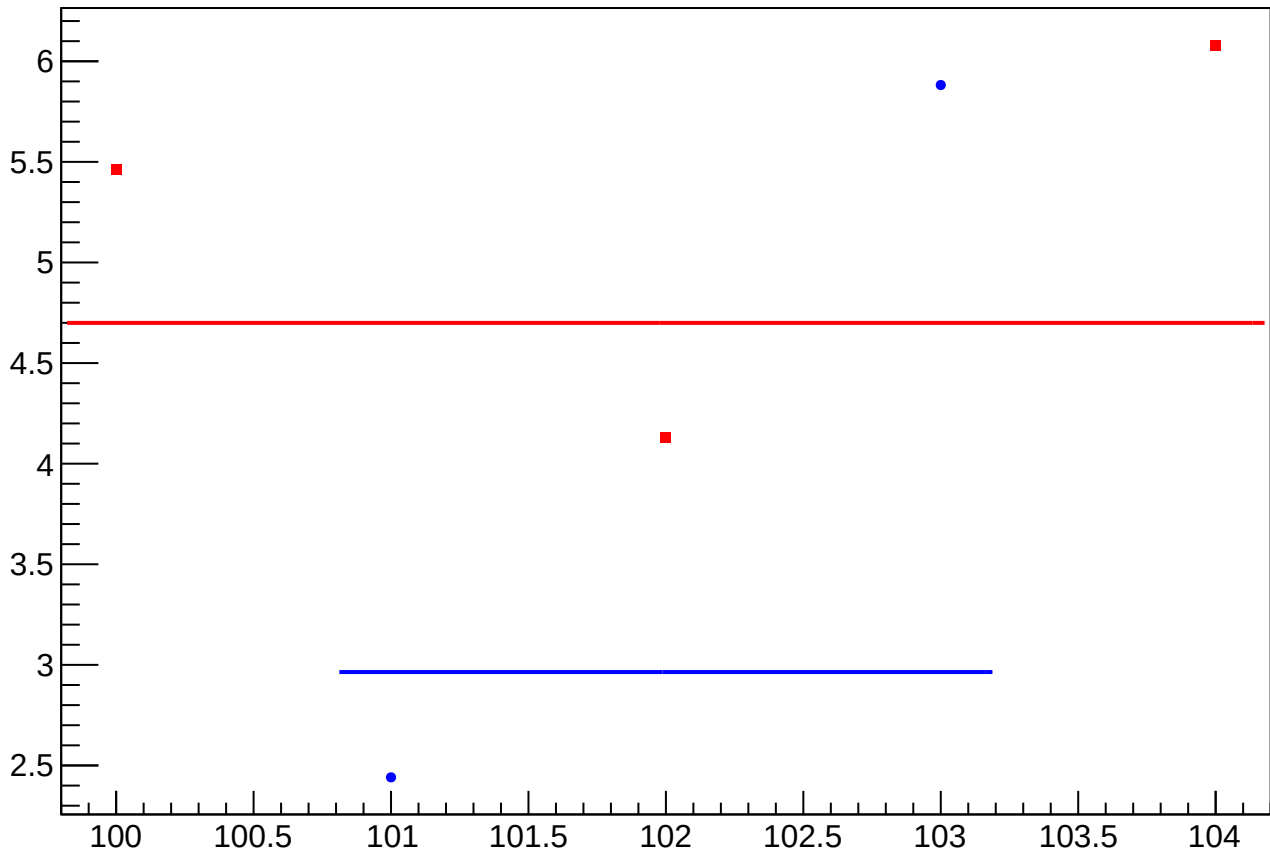
Right: -147.868 $\pm$ 0.002 χ^2 /NDF: 216190477.5/4

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: -147.868 $\pm$ 0.002 χ^2 /NDF: 216190477.5/4

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: 4.700+/-0.003 χ^2/NDF : 72119.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

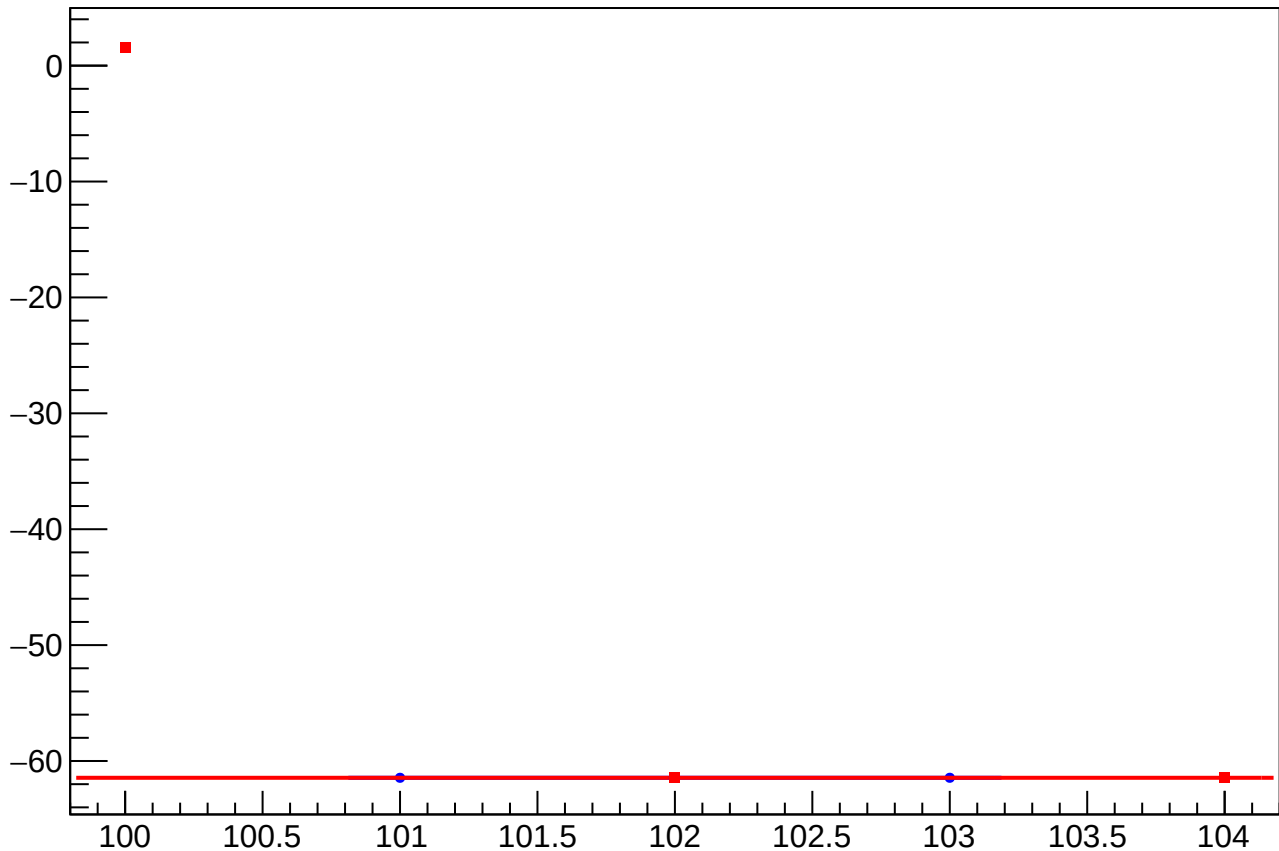
Right: 3.486+/-0.002 χ^2/NDF : 618552.3/4

In: 2.964+/-0.002 χ^2/NDF : 342888.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.486+/-0.002 χ^2/NDF : 618552.3/4

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.449 $\pm$ 0.000 χ^2 /NDF: 74740.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.449 $\pm$ 0.000 χ^2 /NDF: 80818.5/2

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

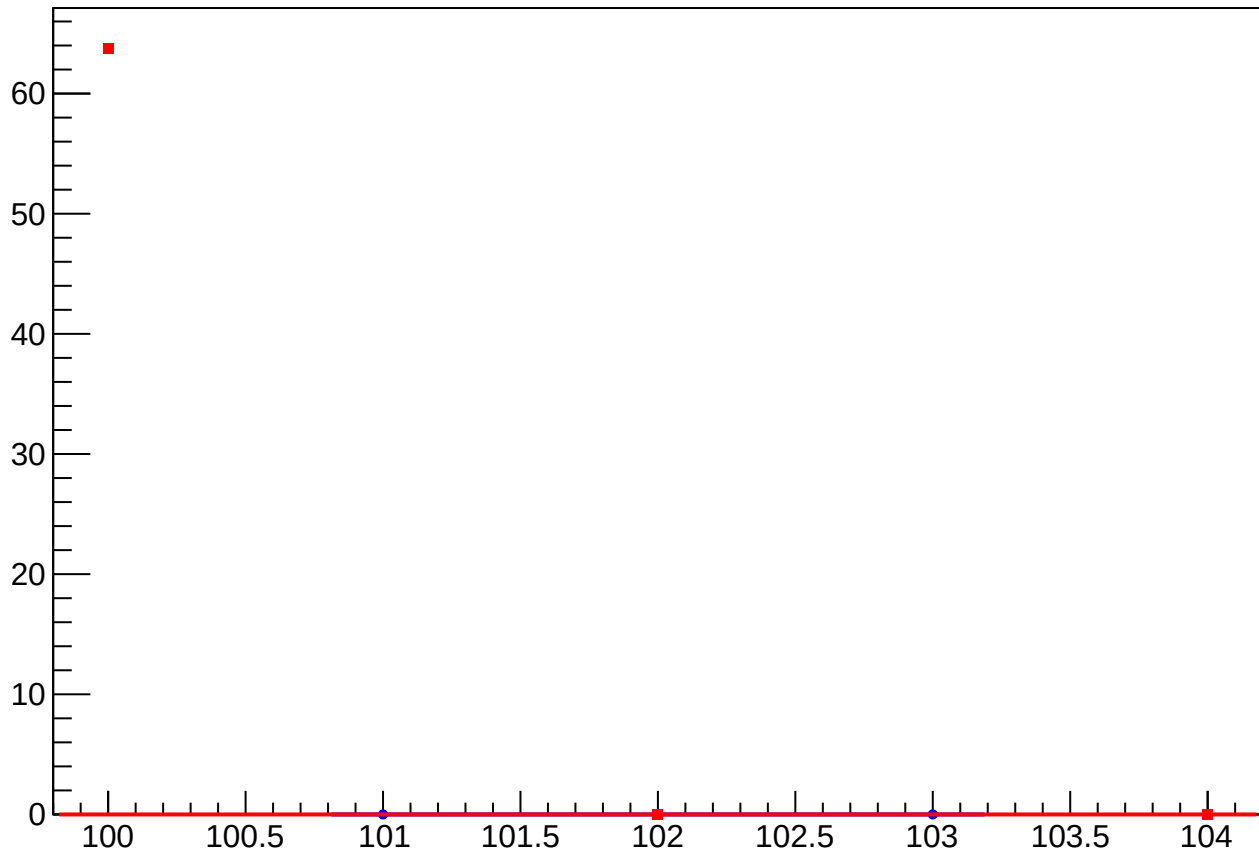
Right: -61.449 $\pm$ 0.000 χ^2 /NDF: 155563.3/4

In: -61.449 $\pm$ 0.000 χ^2 /NDF: 74740.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.449 $\pm$ 0.000 χ^2 /NDF: 155563.3/4

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 : 143172.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

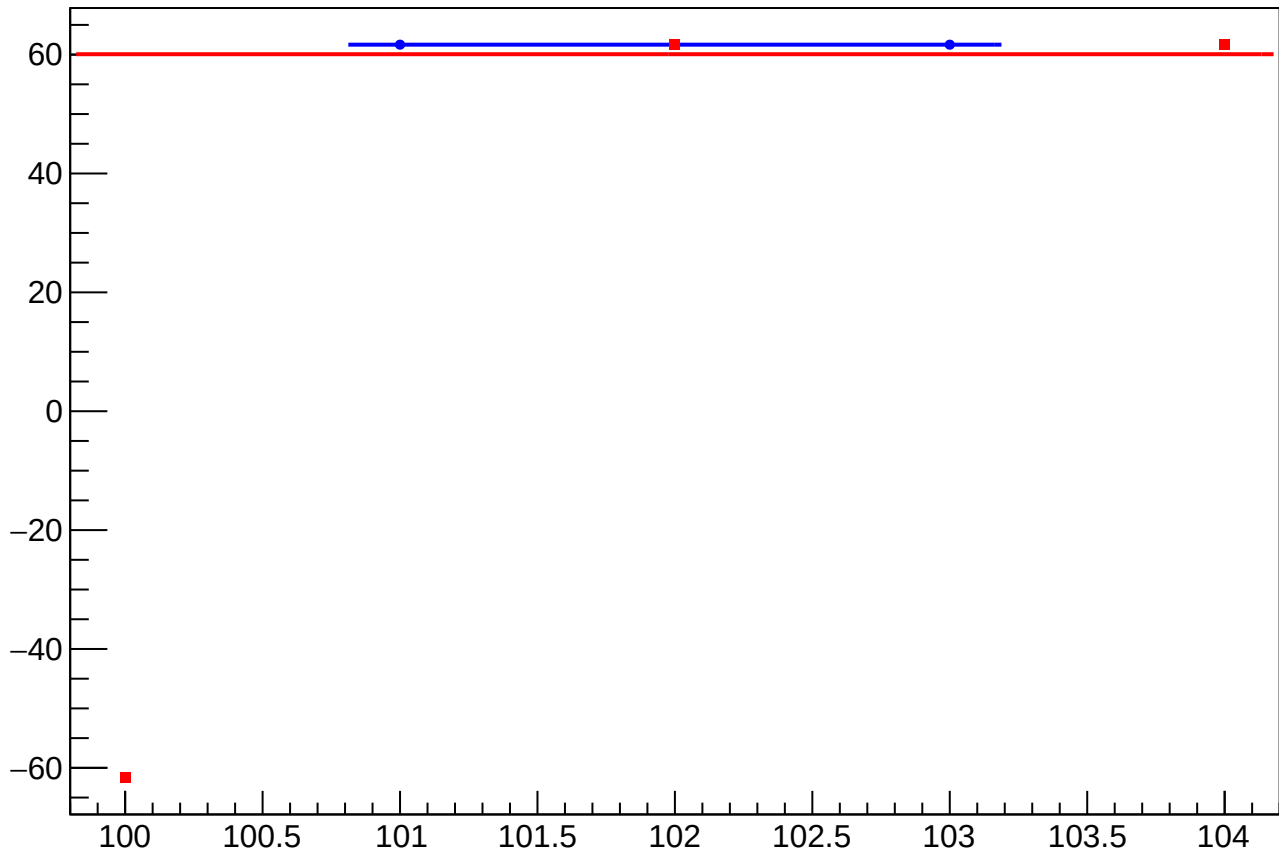
Right: 0.001+/-0.000 χ^2/NDF : 143393.5/4

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 : 143393.5/4

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: 60.068+/-0.000 χ^2/NDF : 57992119337716.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

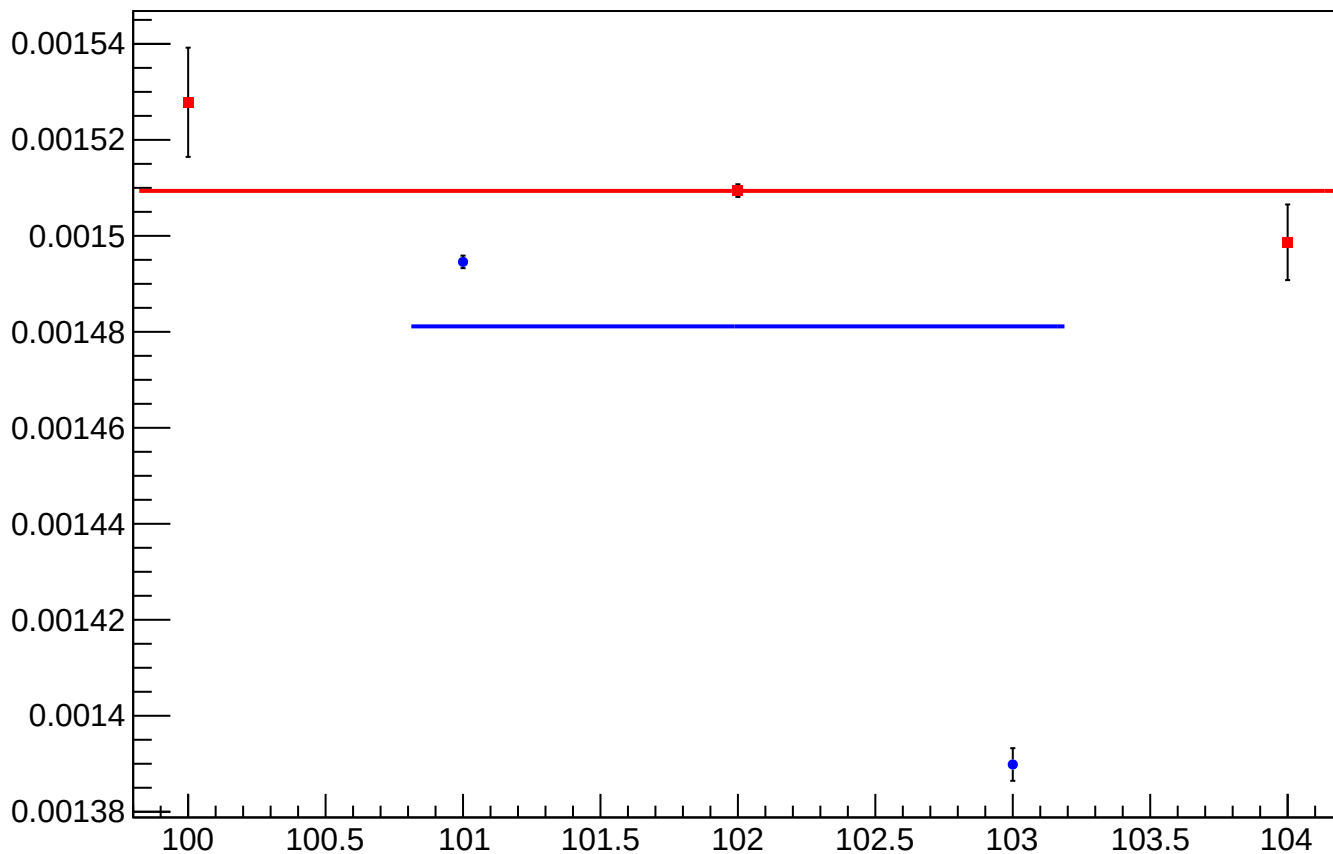
Right: 60.922+/-0.000 χ^2/NDF : 58399052587064.4/1

In: 61.673+/-0.000 χ^2/NDF : 119116.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.922+/-0.000 χ^2/NDF : 58399052587064.4/2

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 : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

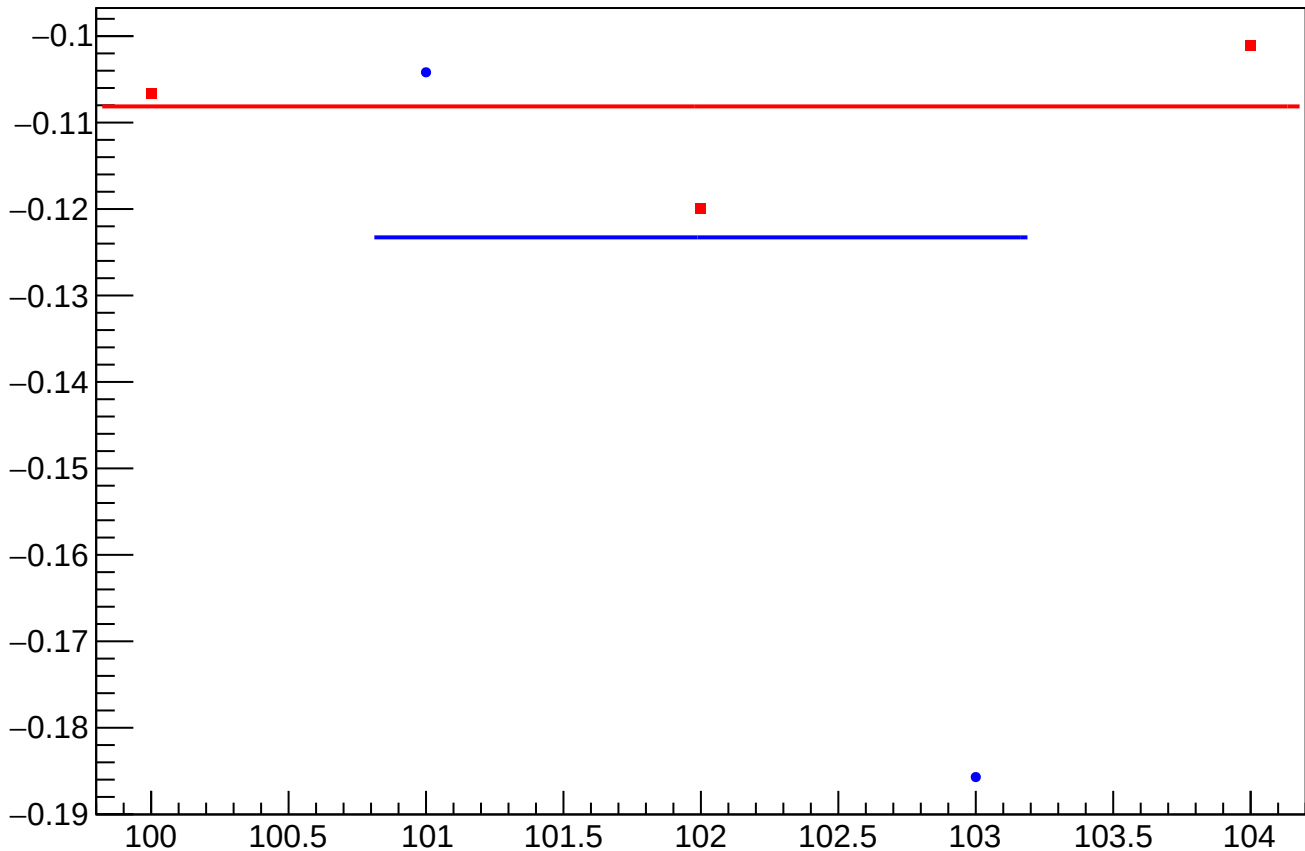
Right: 0.001+/-0.000 χ^2/NDF : 1084.2/4

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 : 1084.2/4

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: -0.108+/-0.000 χ^2/NDF : 36069.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

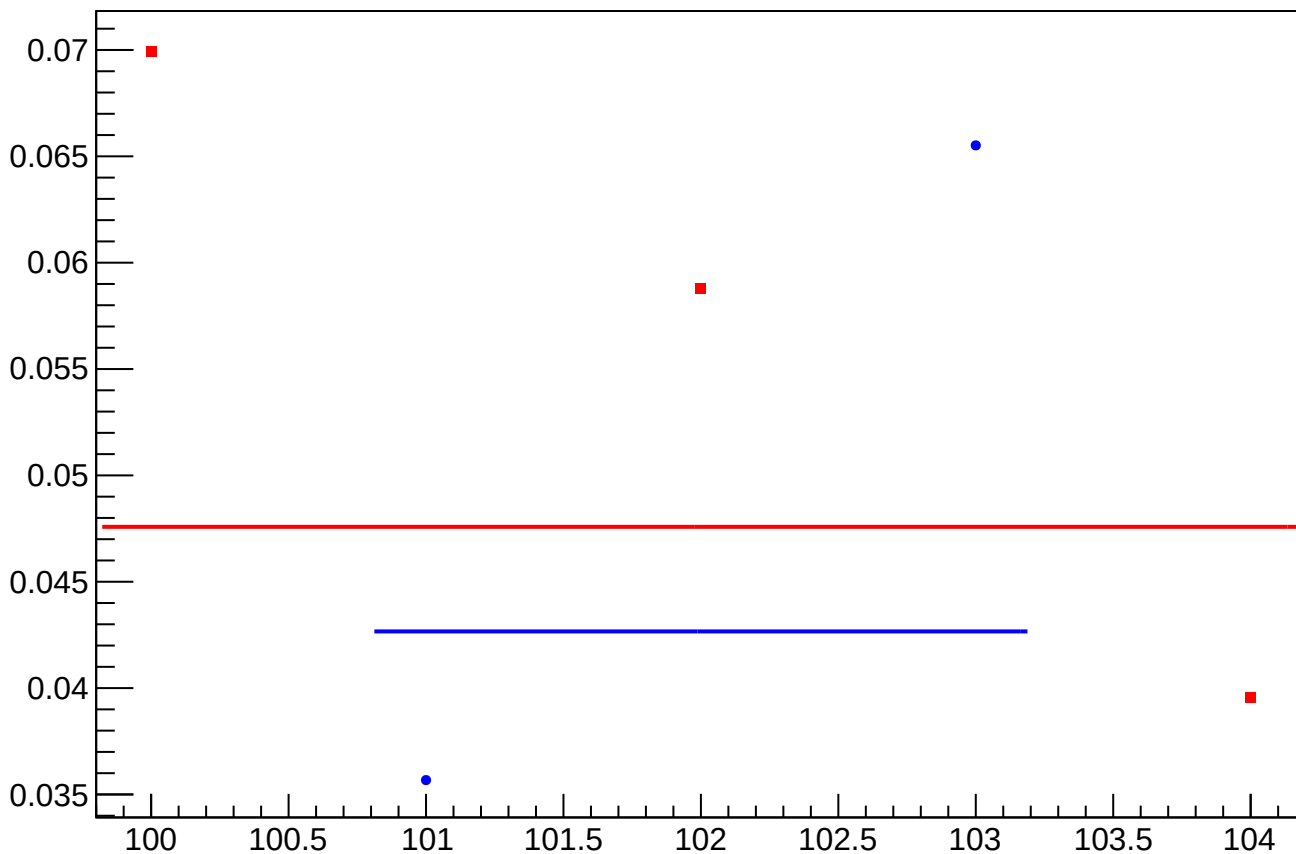
Right: -0.117+/-0.000 χ^2/NDF : 777073.6/4

In: -0.123+/-0.000 χ^2/NDF : 683525.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.117+/-0.000 χ^2/NDF : 777073.6/4

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 : 90176.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

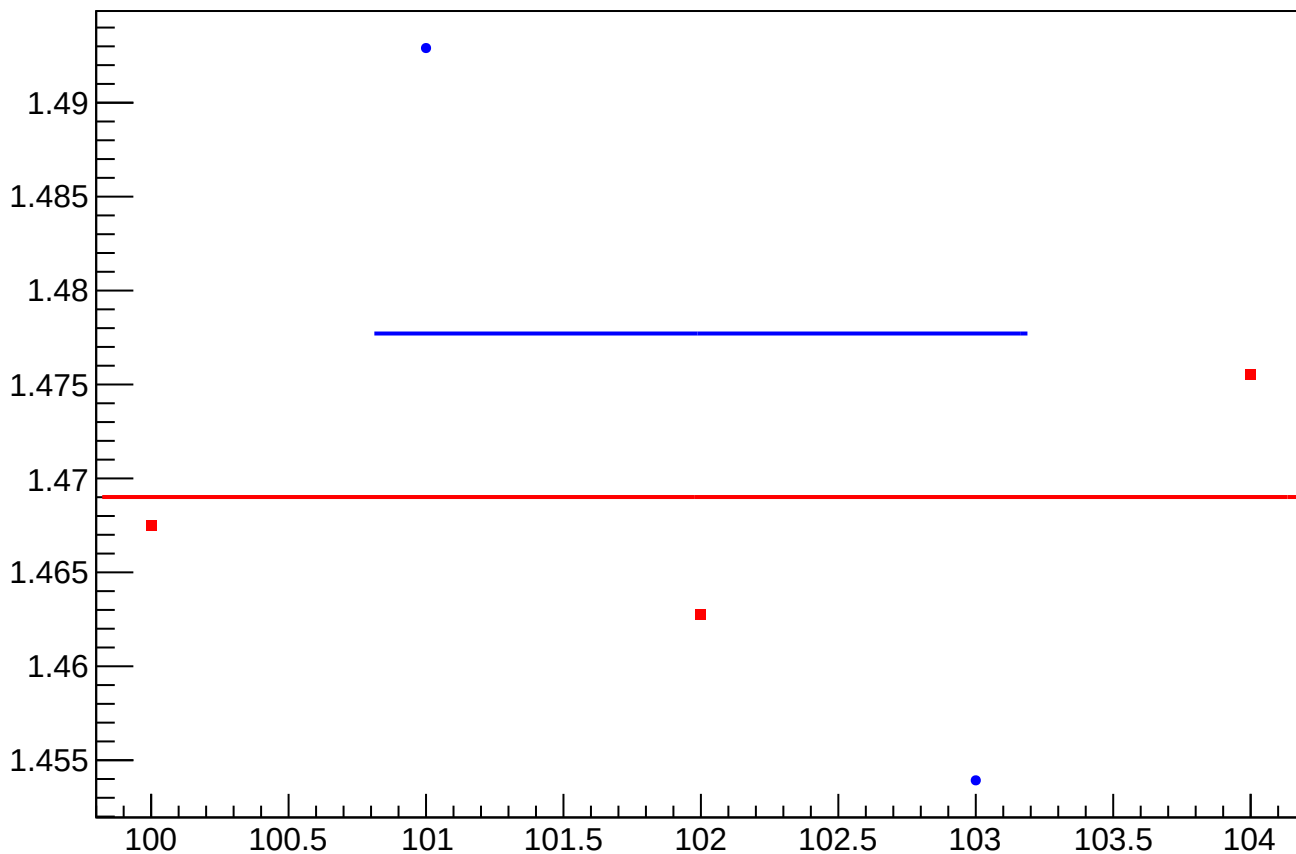
Right: 0.045+/-0.000 χ^2/NDF : 285468.3/4

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 : 285468.3/4

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: 1.469+/-0.000 χ^2/NDF : 136689.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

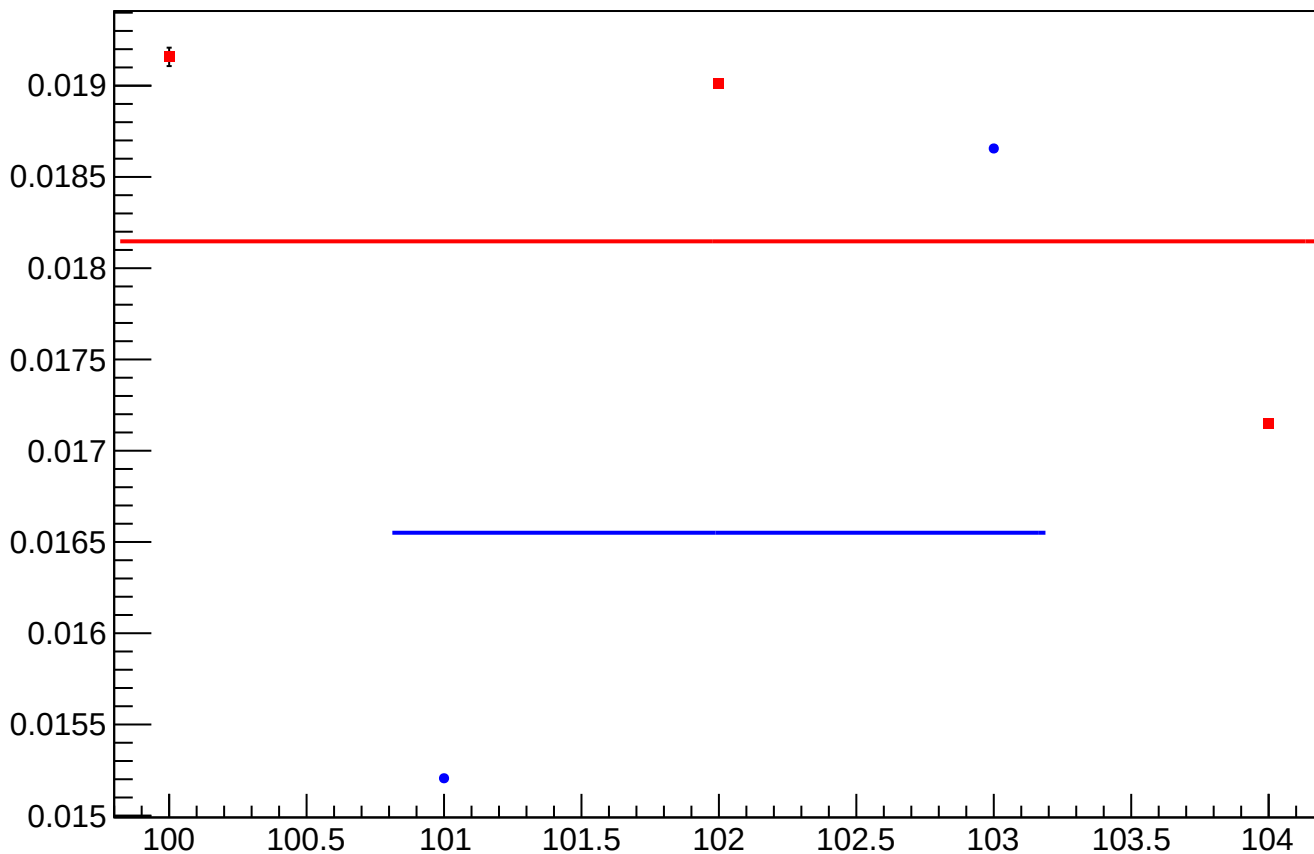
Right: 1.474+/-0.000 χ^2/NDF : 1807118.2/4

In: 1.478+/-0.000 χ^2/NDF : 1524700.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.474+/-0.000 χ^2/NDF : 1807118.2/4

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 : 6242.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

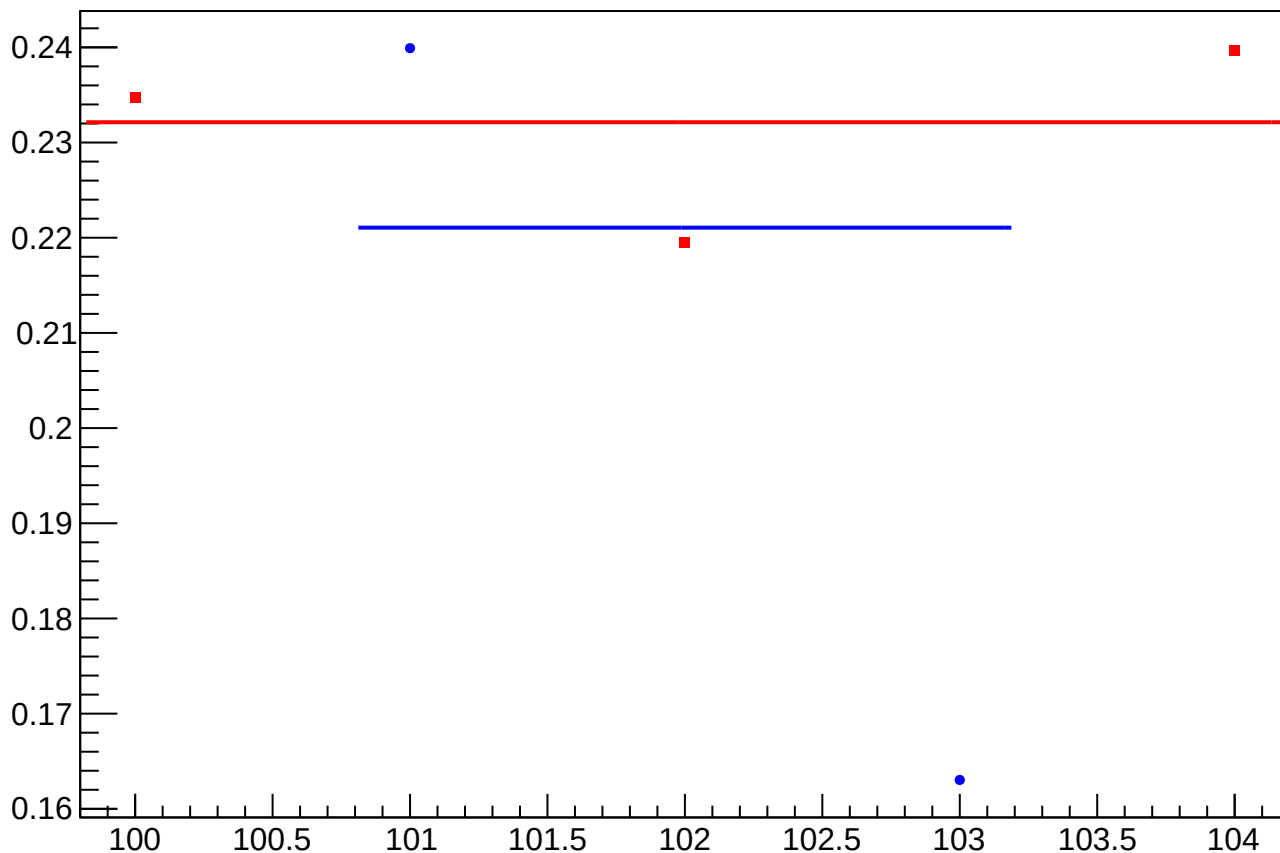
Right: 0.017+/-0.000 χ^2/NDF : 39943.9/4

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 : 39943.9/4

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: 0.232+/-0.000 χ^2/NDF : 38887.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

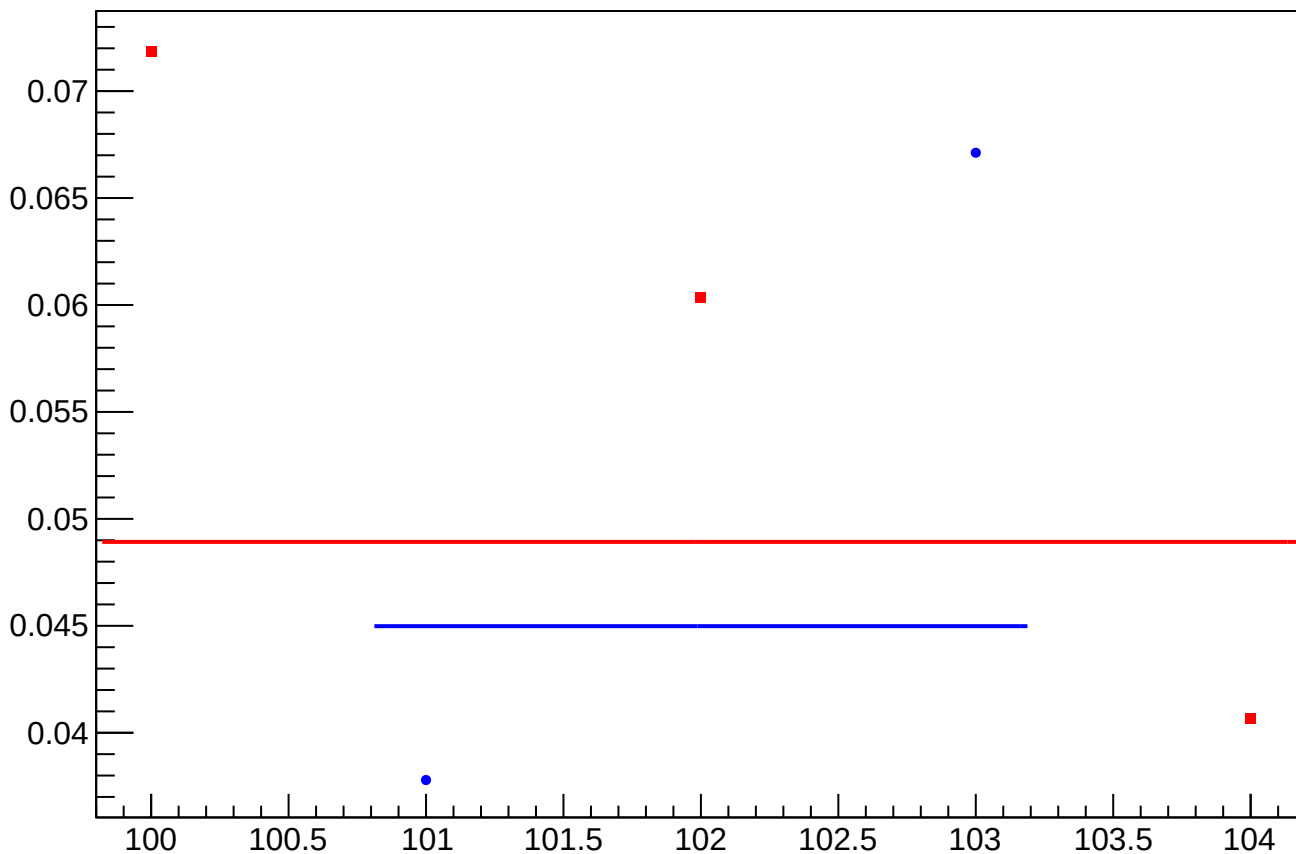
Right: 0.226+/-0.000 χ^2/NDF : 638552.6/4

In: 0.221+/-0.000 χ^2/NDF : 571074.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.226+/-0.000 χ^2/NDF : 638552.6/4

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 : 89504.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

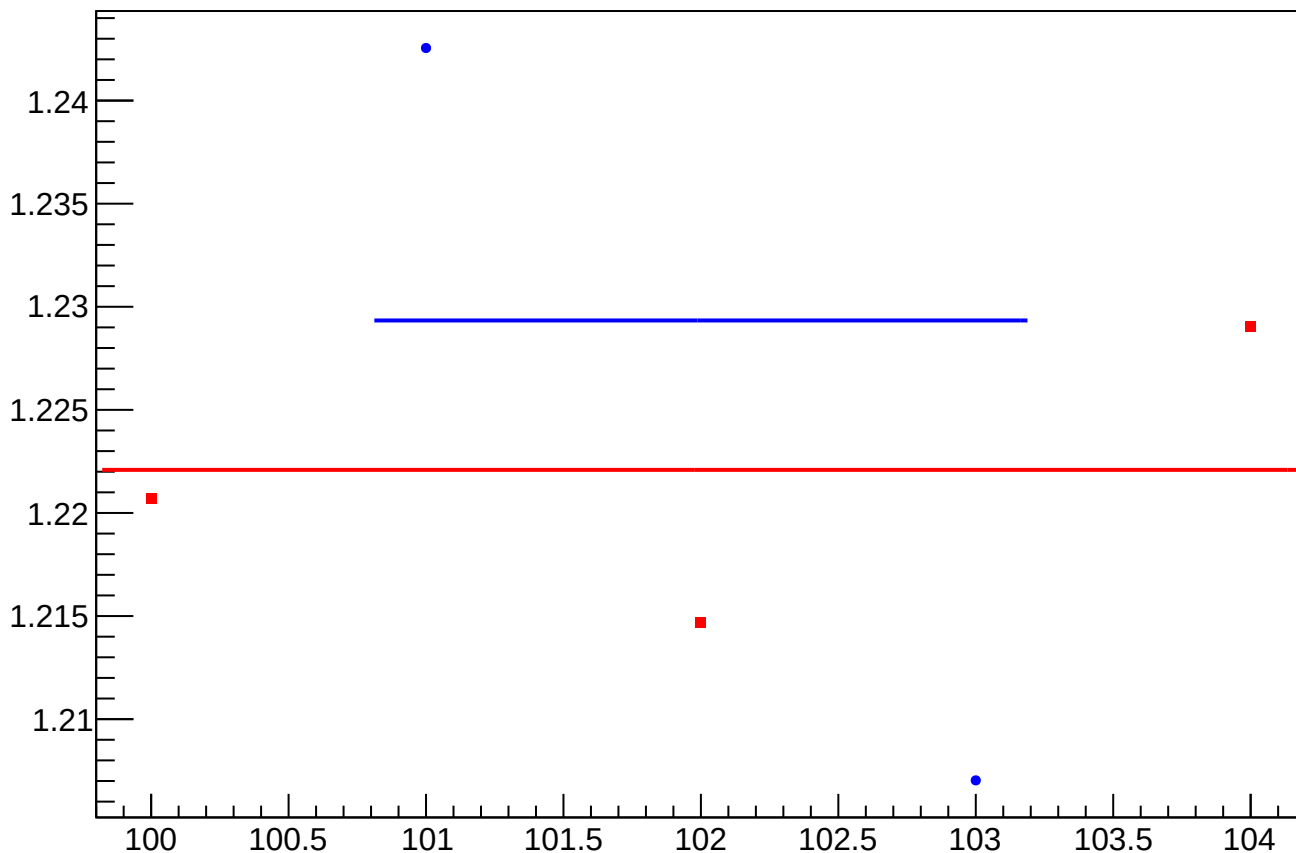
Right: 0.047+/-0.000 χ^2/NDF : 262942.7/4

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 : 262942.7/4

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: 1.222+/-0.000 χ^2/NDF : 248384.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

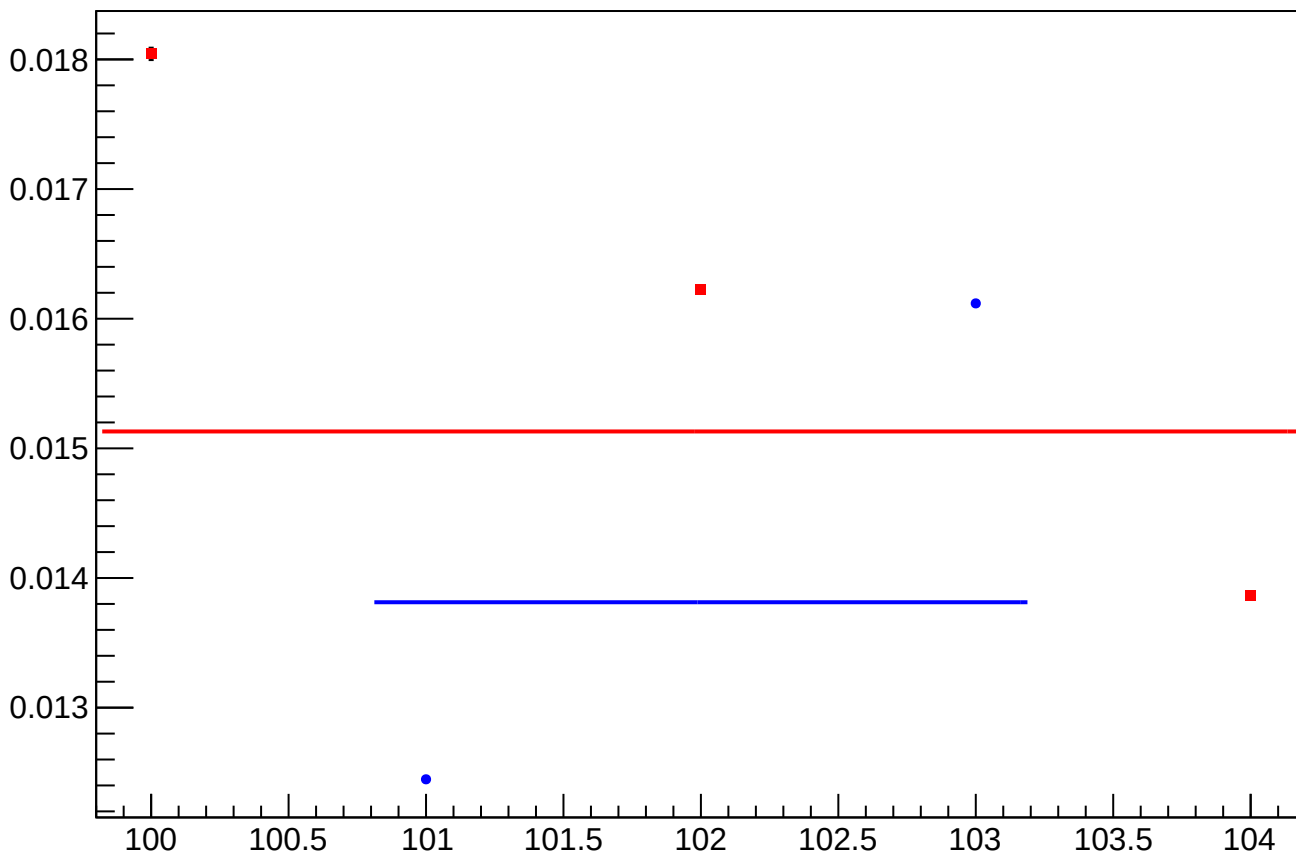
Right: 1.226+/-0.000 χ^2/NDF : 2145306.4/4

In: 1.229+/-0.000 χ^2/NDF : 1754112.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.226+/-0.000 χ^2/NDF : 2145306.4/4

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: 0.015+/-0.000 χ^2/NDF : 17134.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

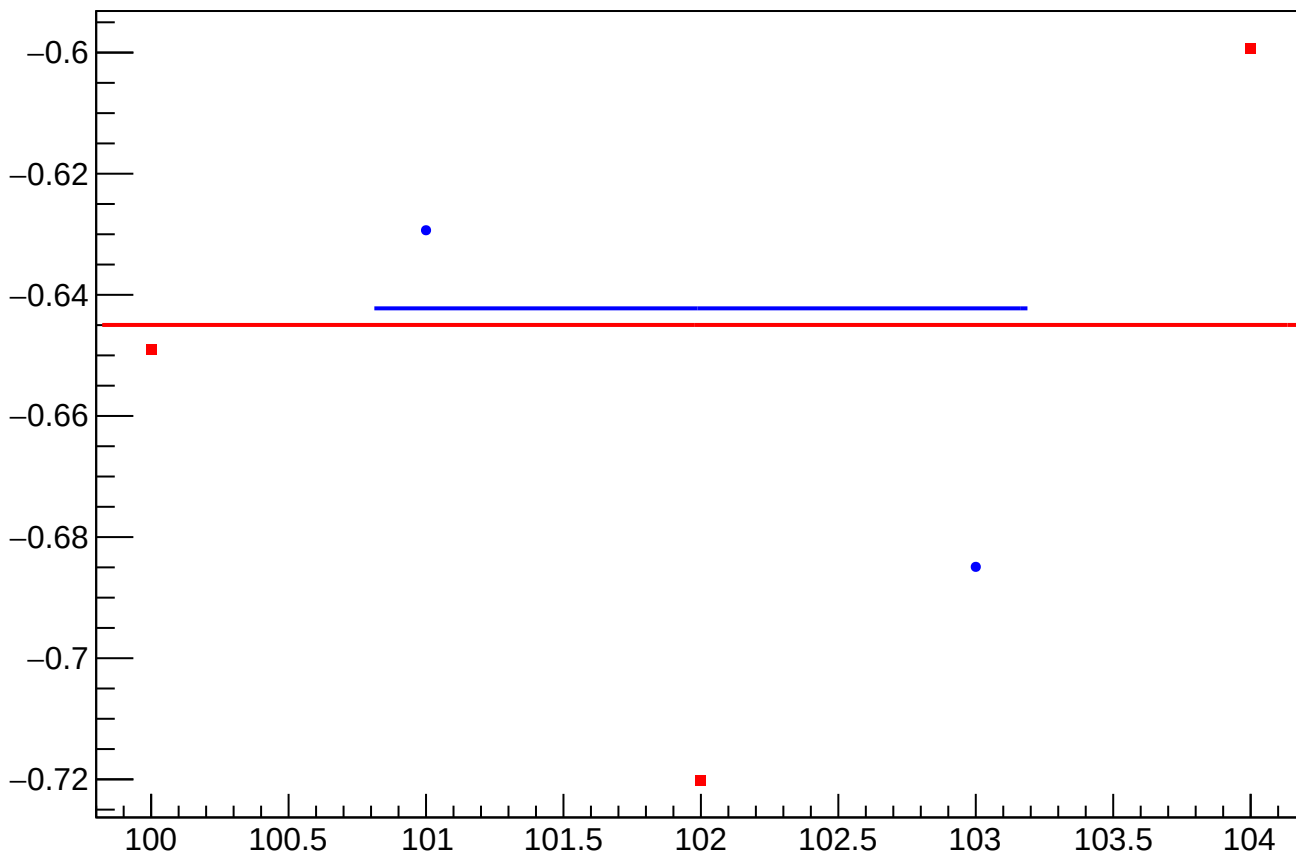
Right: 0.014+/-0.000 χ^2/NDF : 64045.8/4

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 : 64045.8/4

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: -0.645+/-0.000 χ^2/NDF : 1532434.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

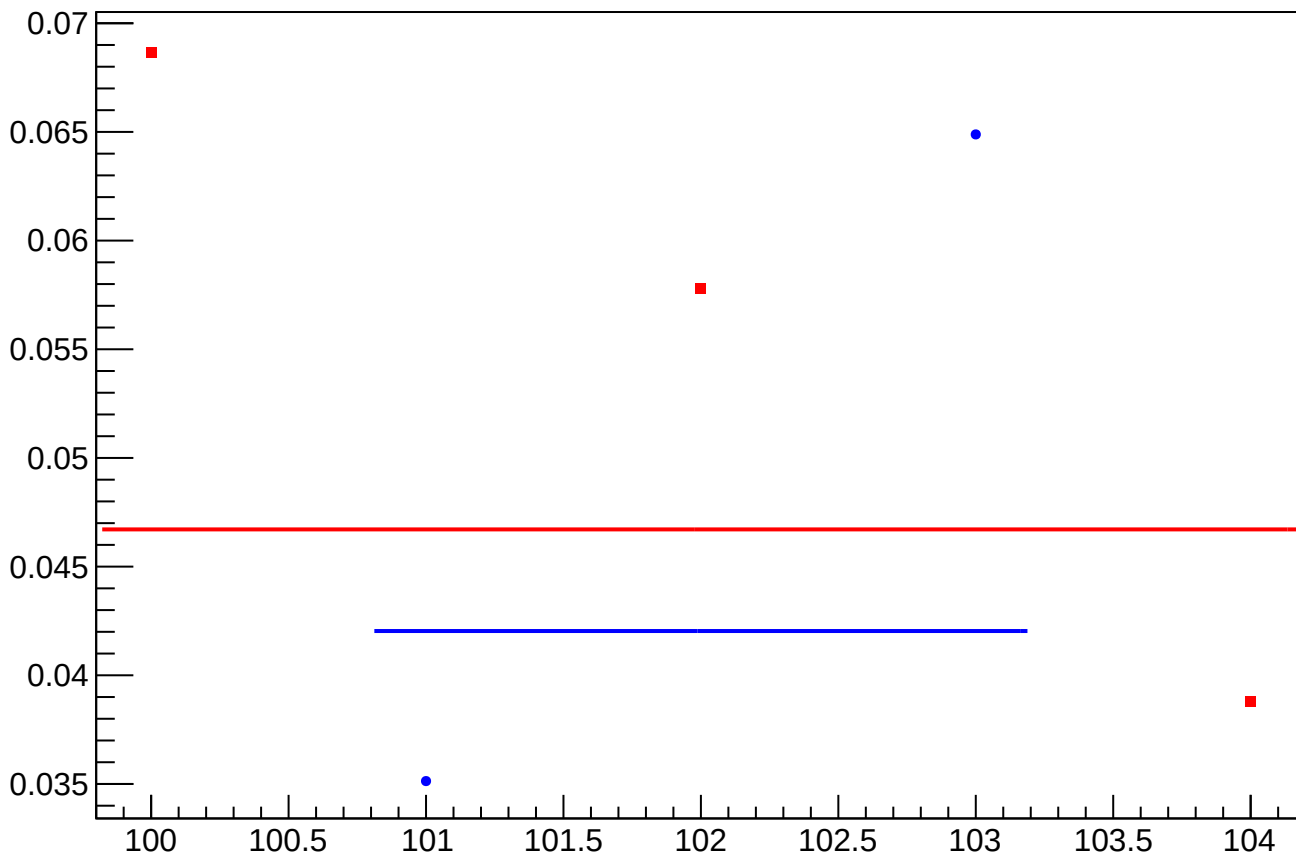
Right: -0.643+/-0.000 χ^2/NDF : 1858134.6/4

In: -0.642+/-0.000 χ^2/NDF : 323757.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.643+/-0.000 χ^2/NDF : 1858134.6/4

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 185554.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.047+/-0.000 χ^2/NDF : 90859.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

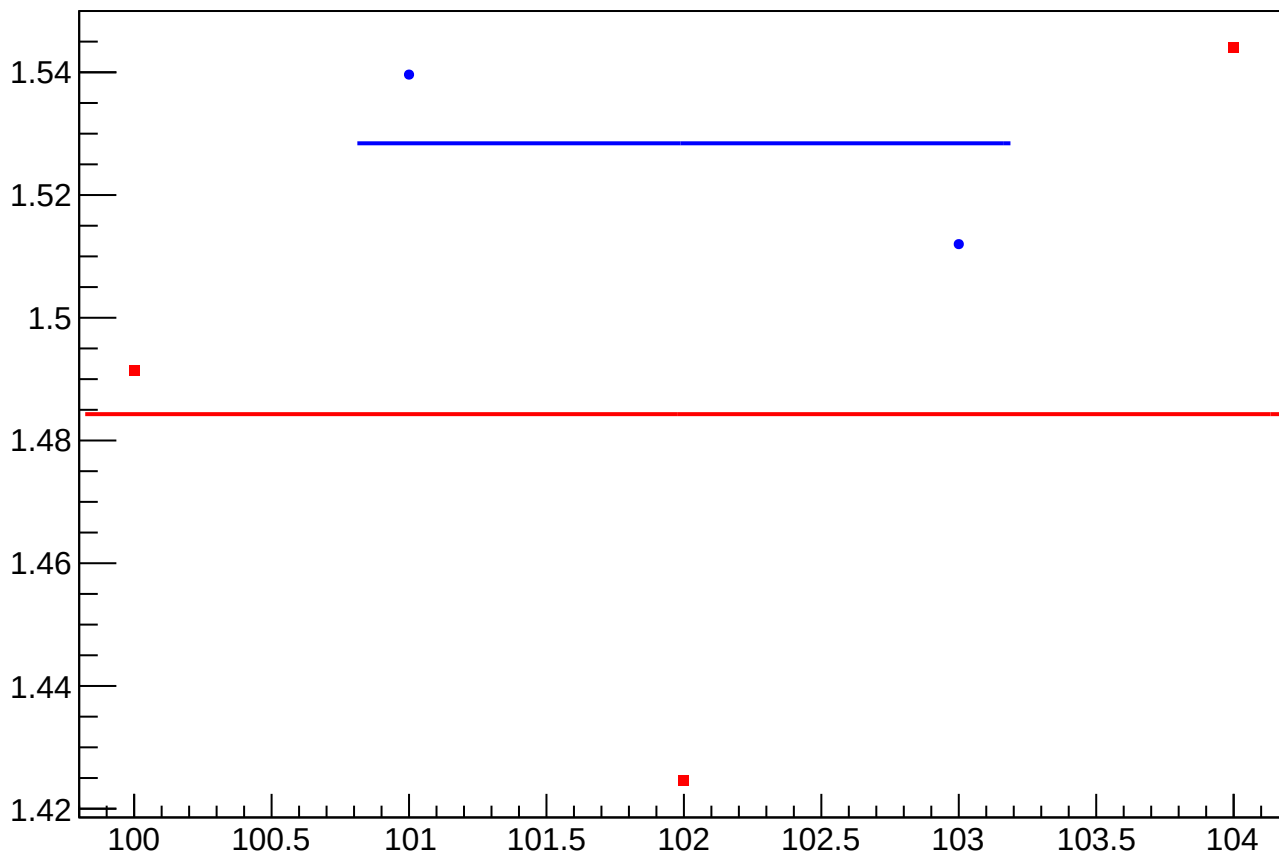
Right: 0.044+/-0.000 χ^2/NDF : 287721.0/4

In: 0.042+/-0.000 χ^2/NDF : 185554.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 287721.0/4

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: 1.484+/-0.000 χ^2/NDF : 11873613.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

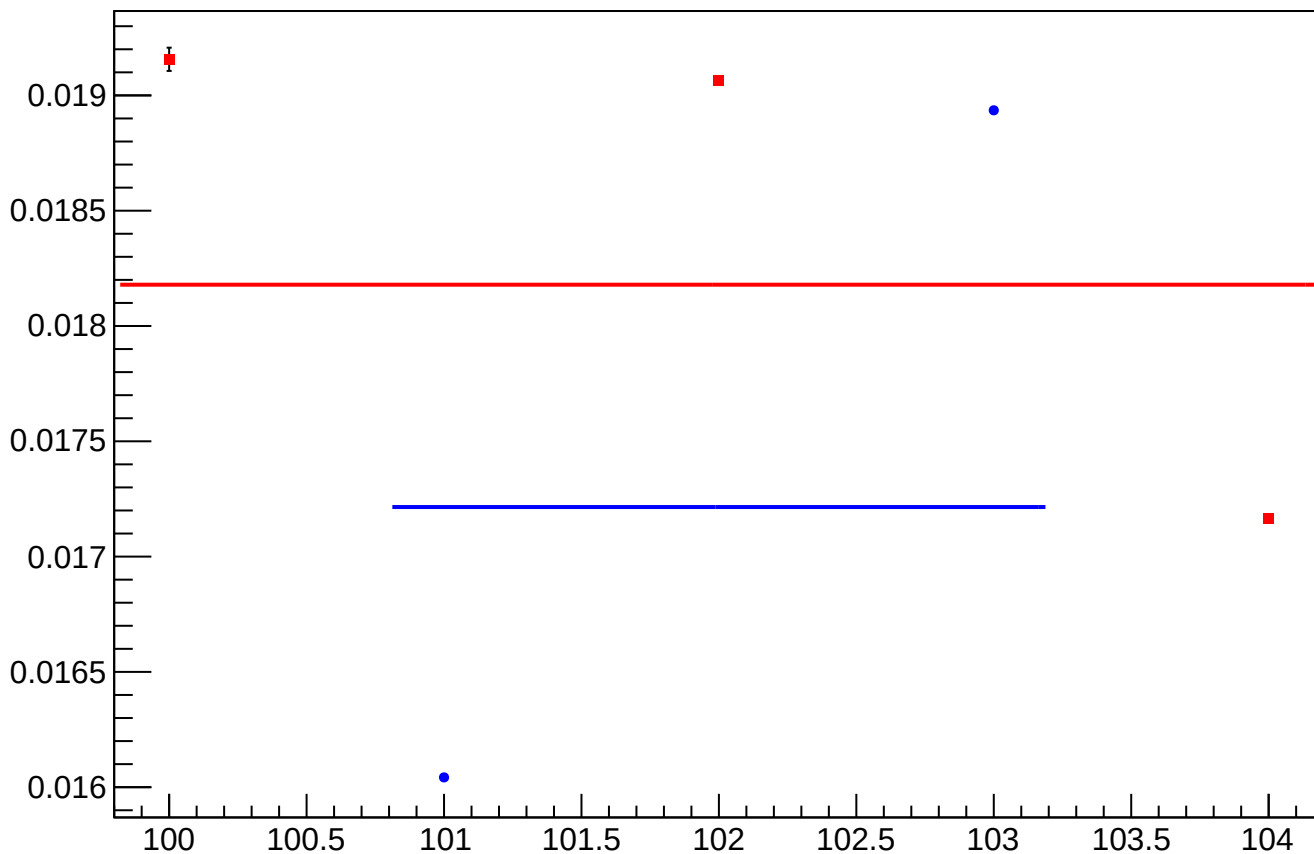
Right: 1.507+/-0.000 χ^2/NDF : 16175561.7/4

In: 1.528+/-0.000 χ^2/NDF : 711050.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.507+/-0.000 χ^2/NDF : 16175561.7/4

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 : 6413.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

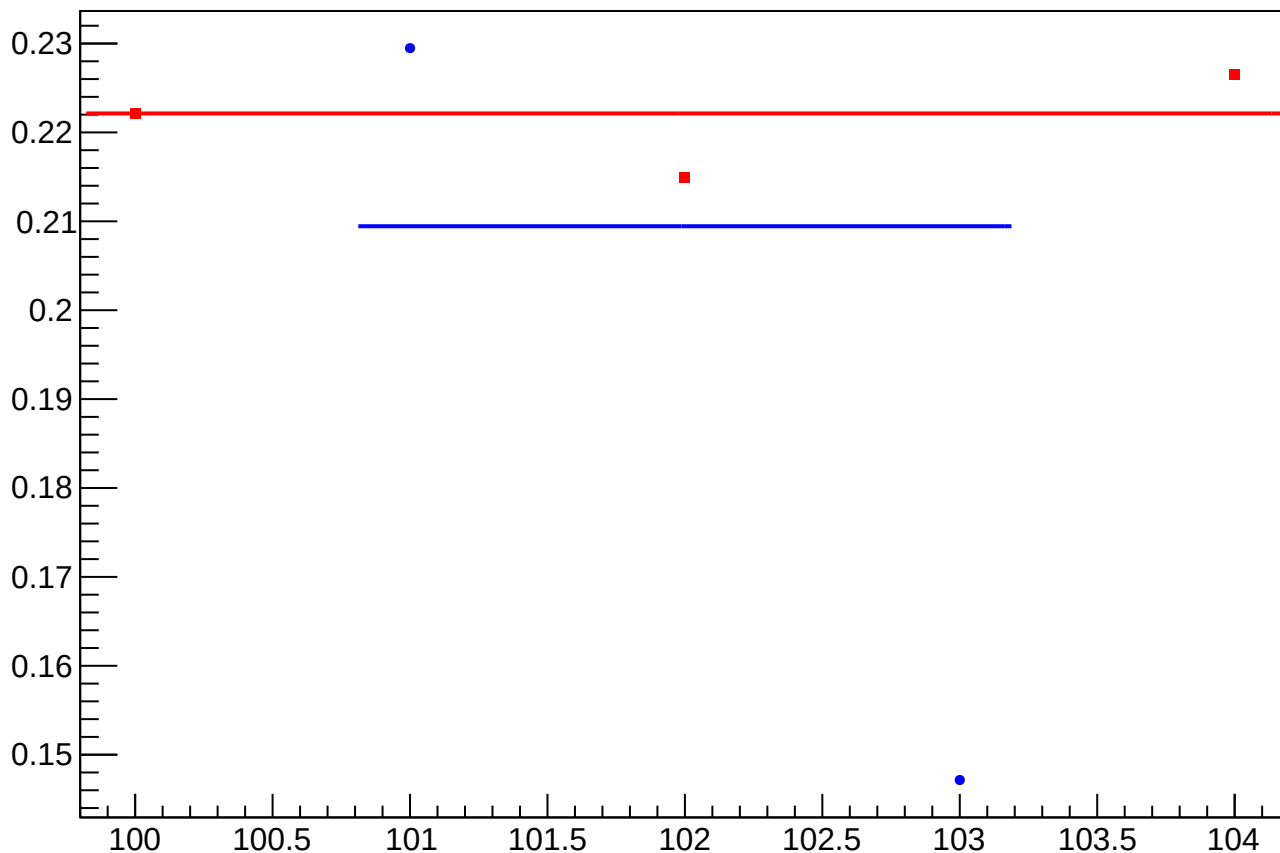
Right: 0.018+/-0.000 χ^2/NDF : 25433.2/4

In: 0.017+/-0.000 χ^2/NDF : 15592.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 25433.2/4

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 0.209 $\pm$ 0.000 χ^2 /NDF: 638271.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.222 $\pm$ 0.000 χ^2 /NDF: 12445.8/2

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

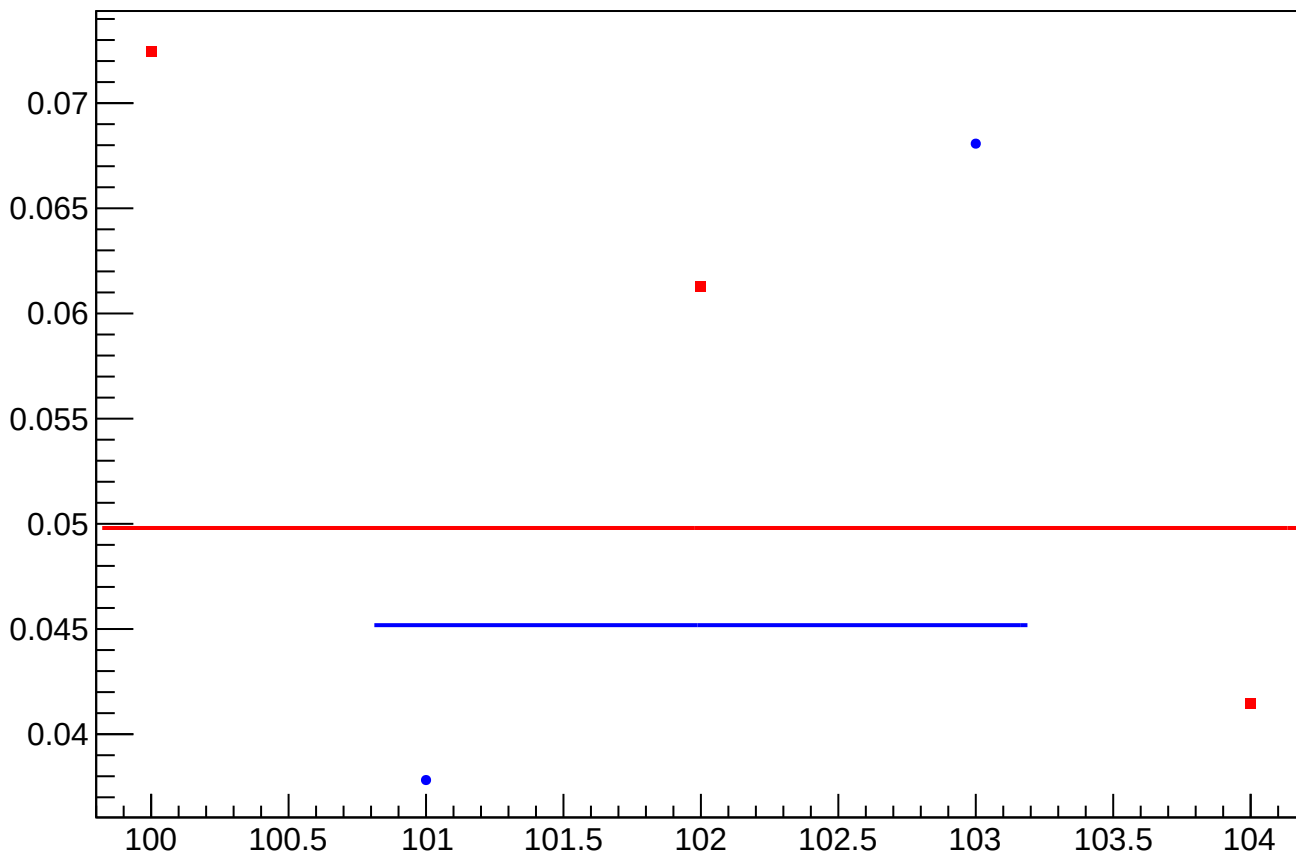
Right: 0.215 $\pm$ 0.000 χ^2 /NDF: 687215.0/4

In: 0.209 $\pm$ 0.000 χ^2 /NDF:638271.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.215 $\pm$ 0.000 χ^2 /NDF: 687215.0/4

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 : 87393.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

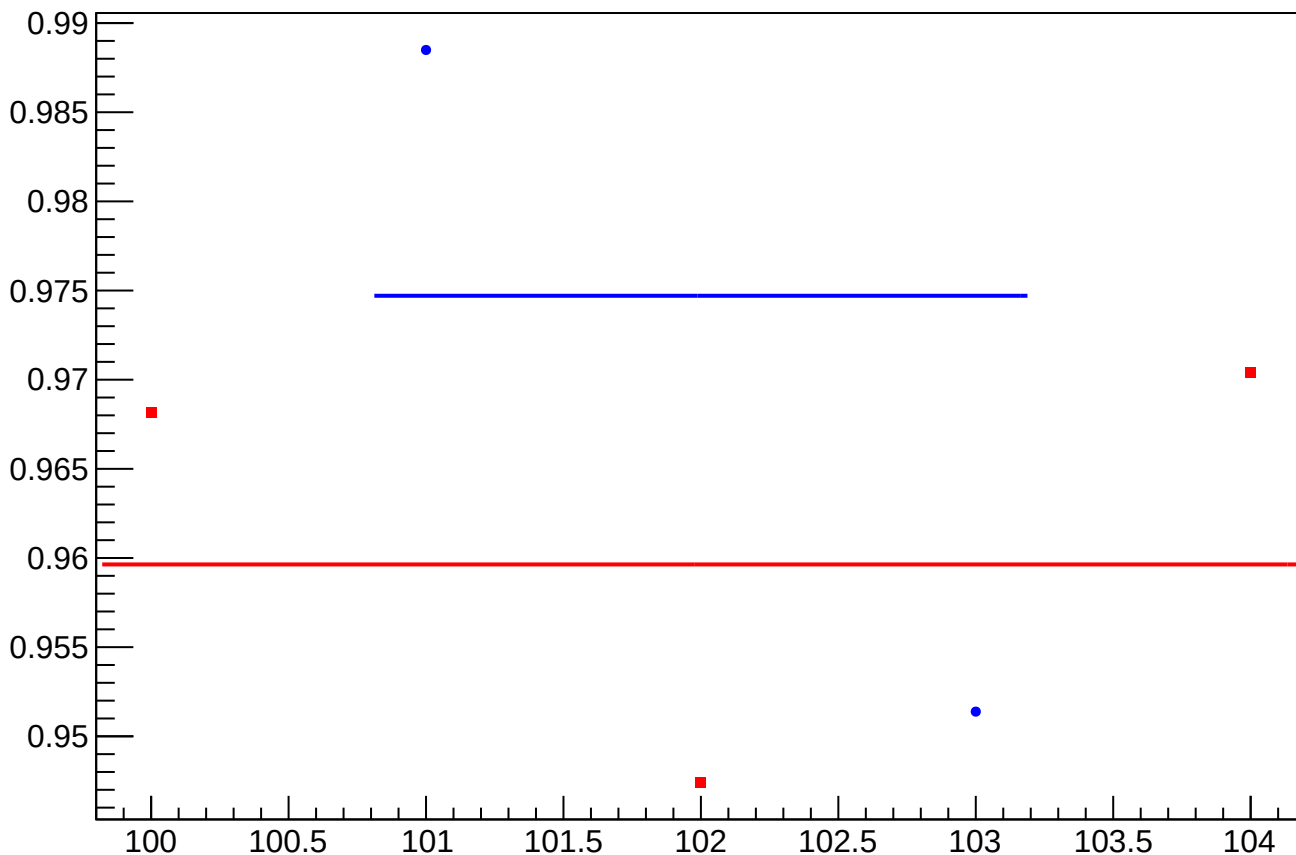
Right: 0.047+/-0.000 χ^2/NDF : 269449.9/4

In: 0.045+/-0.000 χ^2/NDF : 172379.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 269449.9/4

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: 0.960+/-0.000 χ^2/NDF : 629869.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

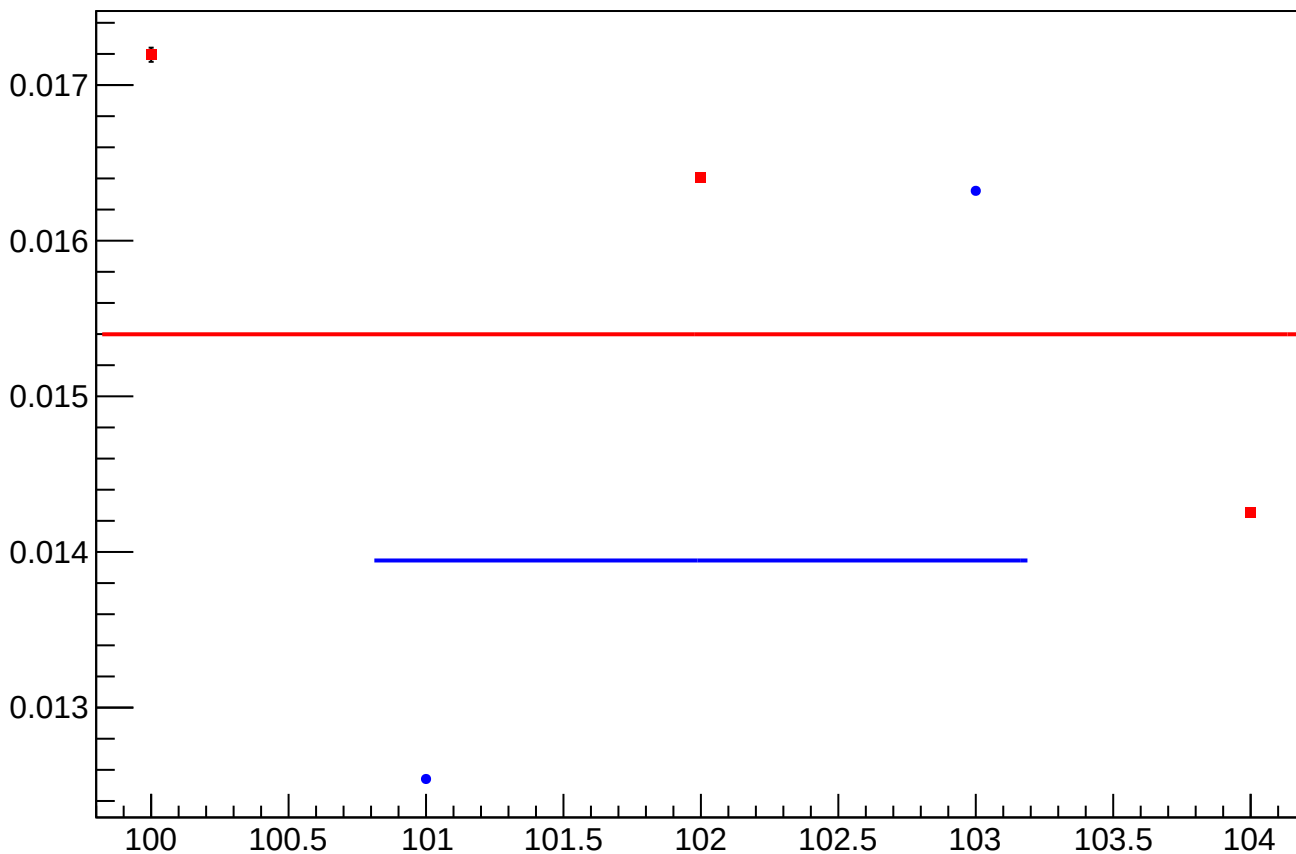
Right: 0.968+/-0.000 χ^2/NDF : 3100235.9/4

In: 0.975+/-0.000 χ^2/NDF : 1869302.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.968+/-0.000 χ^2/NDF : 3100235.9/4

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 : 12292.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

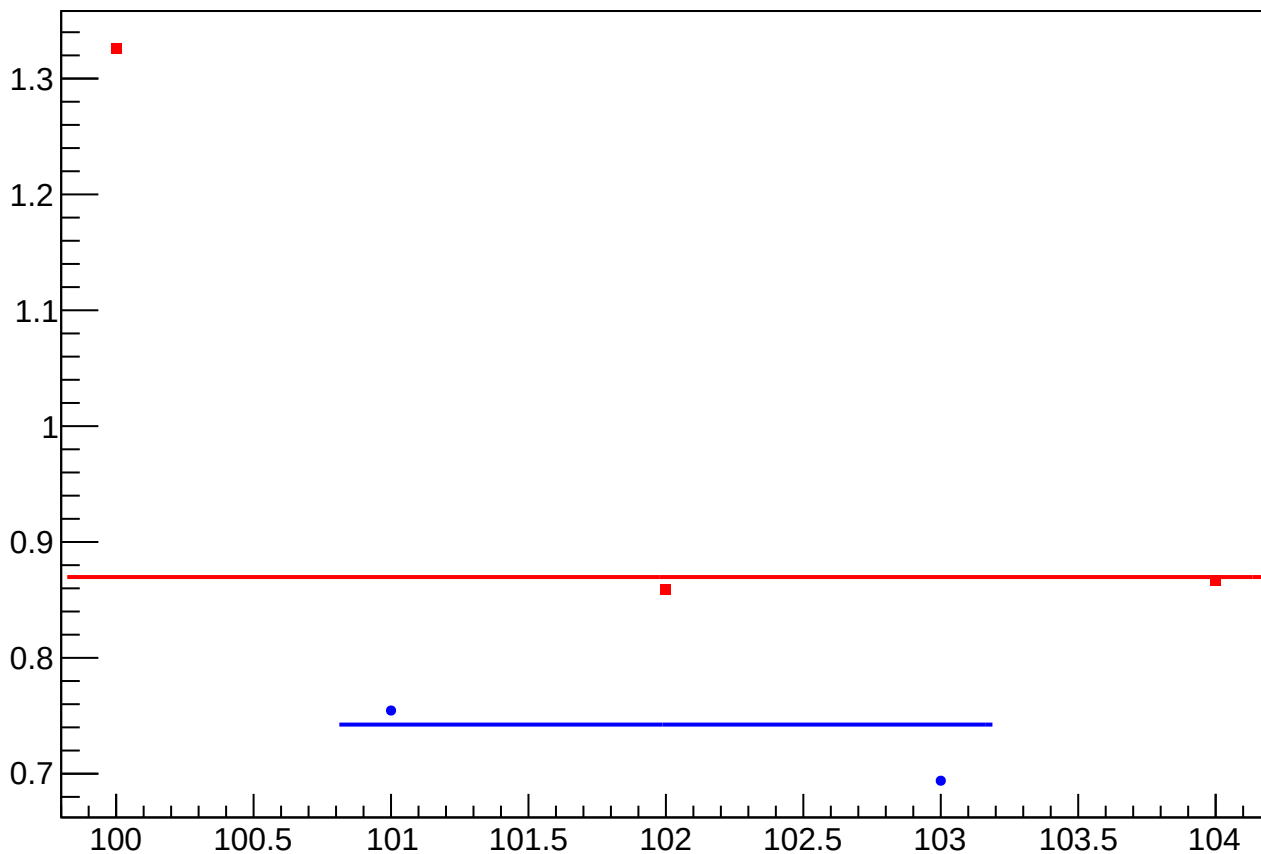
Right: 0.015+/-0.000 χ^2/NDF : 62253.8/4

In: 0.014+/-0.000 χ^2/NDF : 38775.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 62253.8/4

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: 0.870+/-0.000 χ^2/NDF : 1709653.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

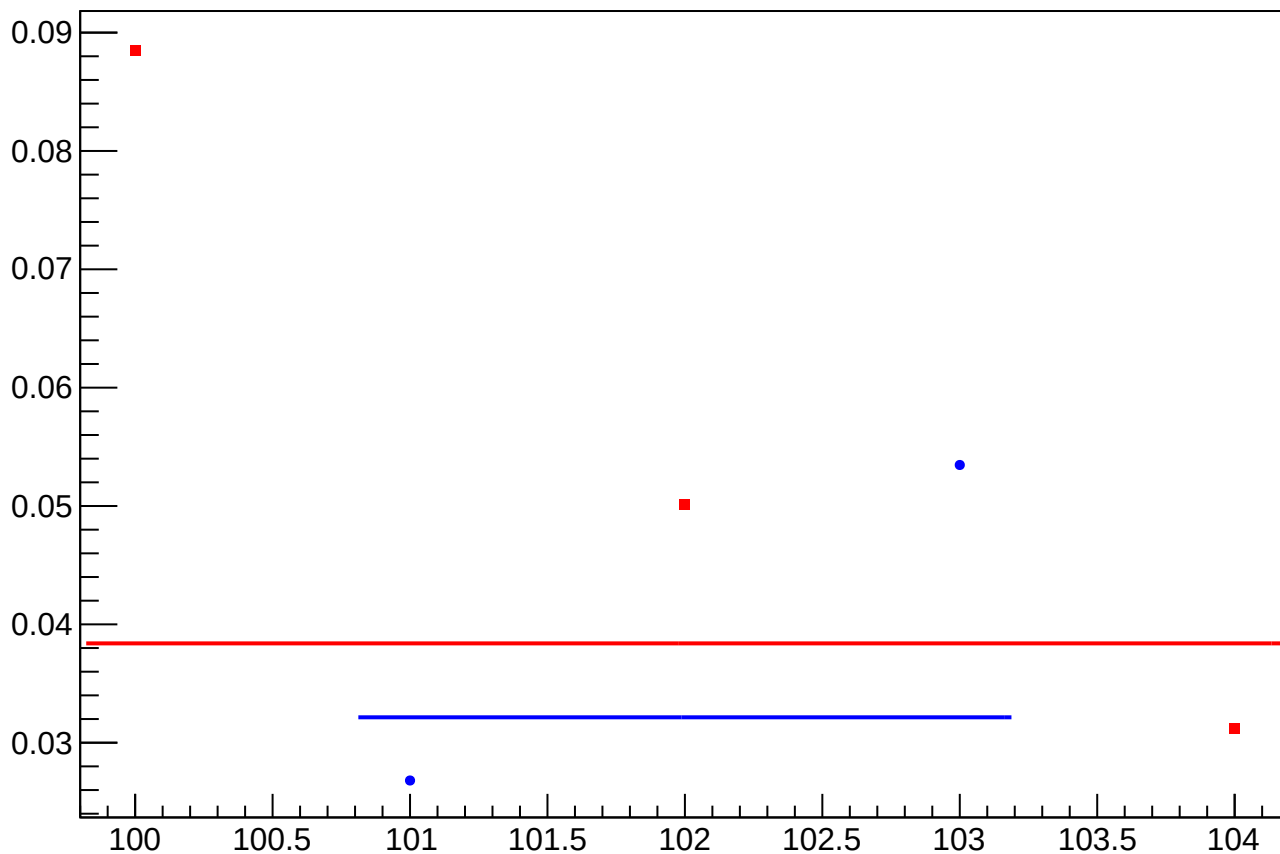
Right: 0.794+/-0.000 χ^2/NDF : 8542330.8/4

In: 0.742+/-0.000 χ^2/NDF : 564629.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.794+/-0.000 χ^2/NDF : 8542330.8/4

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: 0.038+/-0.000 χ^2/NDF : 145200.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

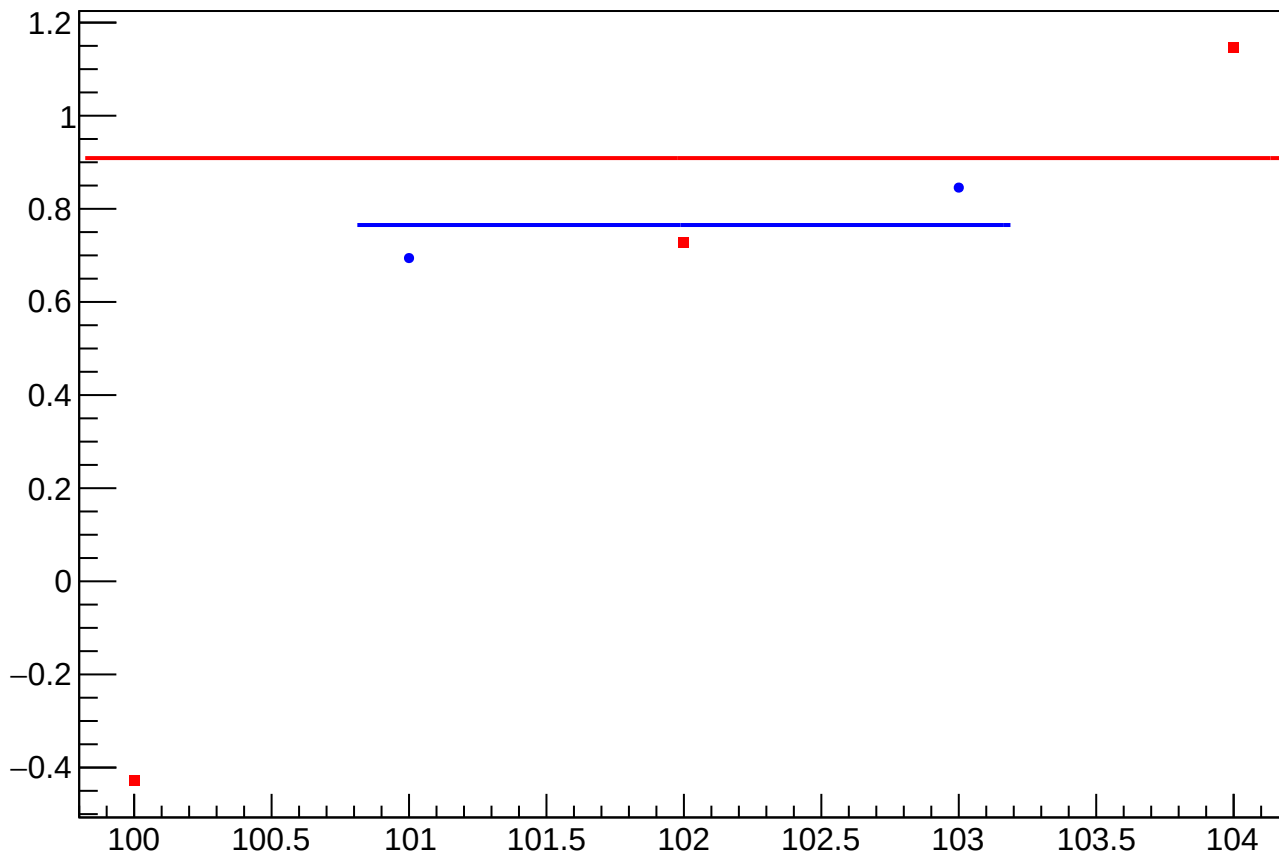
Right: 0.035+/-0.000 χ^2/NDF : 394097.3/4

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 : 394097.3/4

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: 0.909+/-0.000 χ^2/NDF : 144186739.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

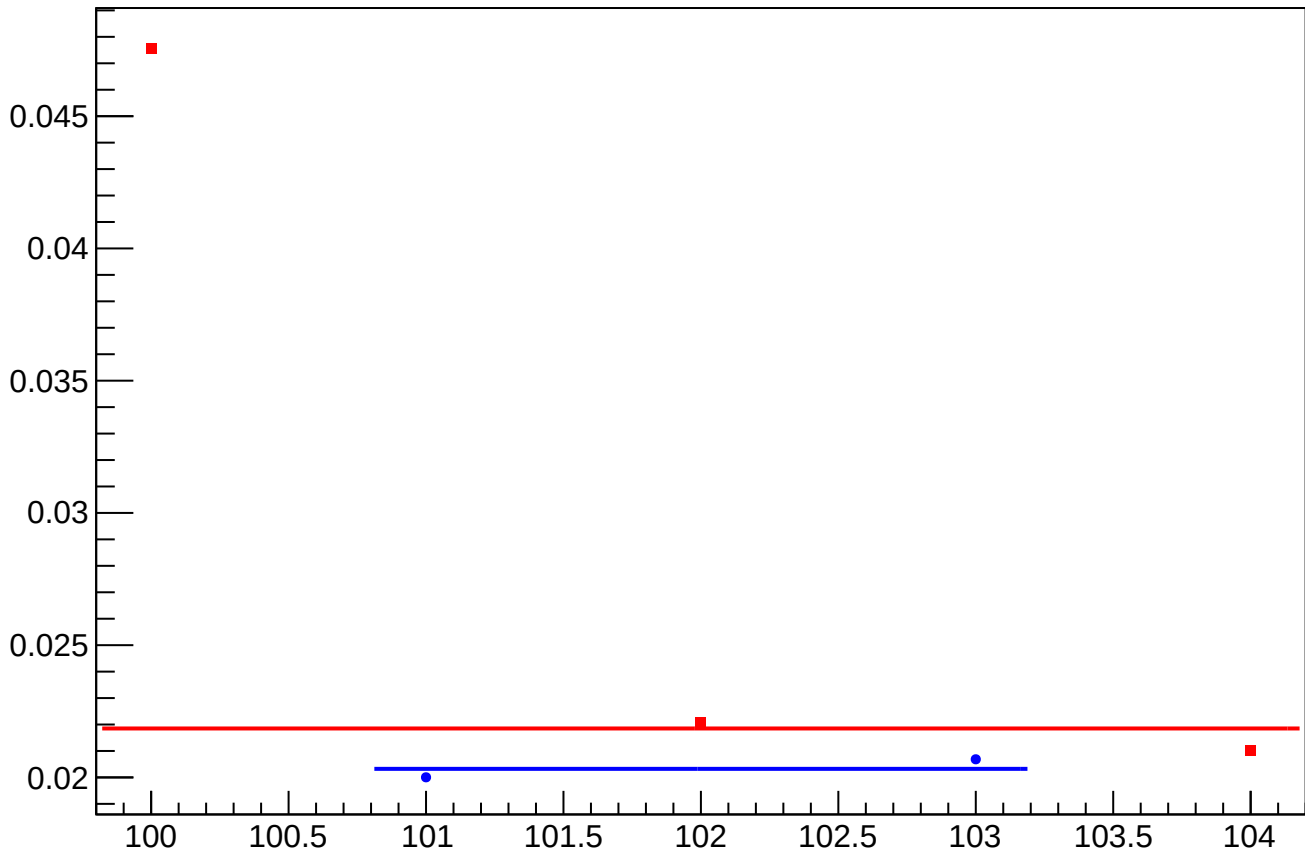
Right: 0.831+/-0.000 χ^2/NDF : 185740647.9/4

In: 0.765+/-0.000 χ^2/NDF : 15599809.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.831+/-0.000 χ^2/NDF : 185740647.9/4

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 : 33955.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

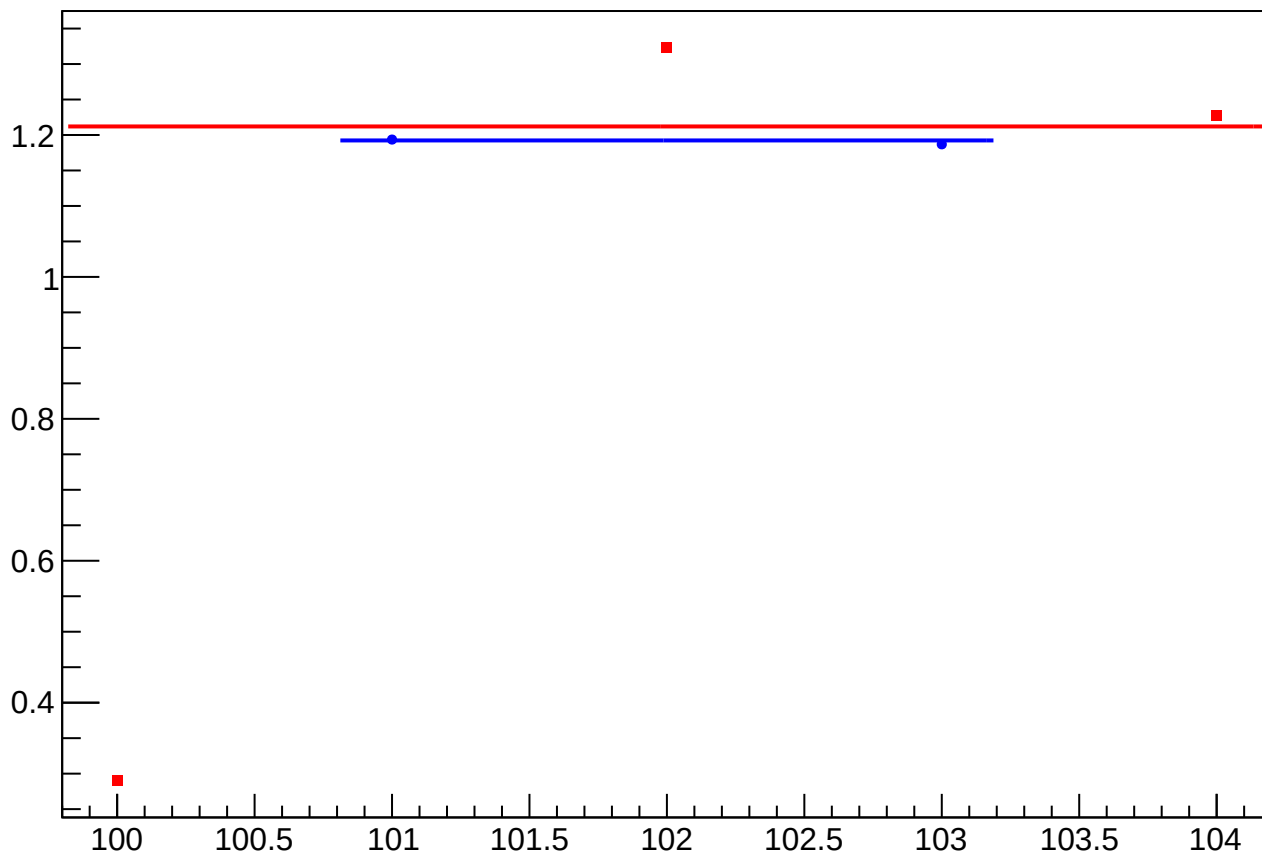
Right: 0.021+/-0.000 χ^2/NDF : 40443.5/4

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 : 40443.5/4

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: 1.212+/-0.000 χ^2/NDF : 90033305.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

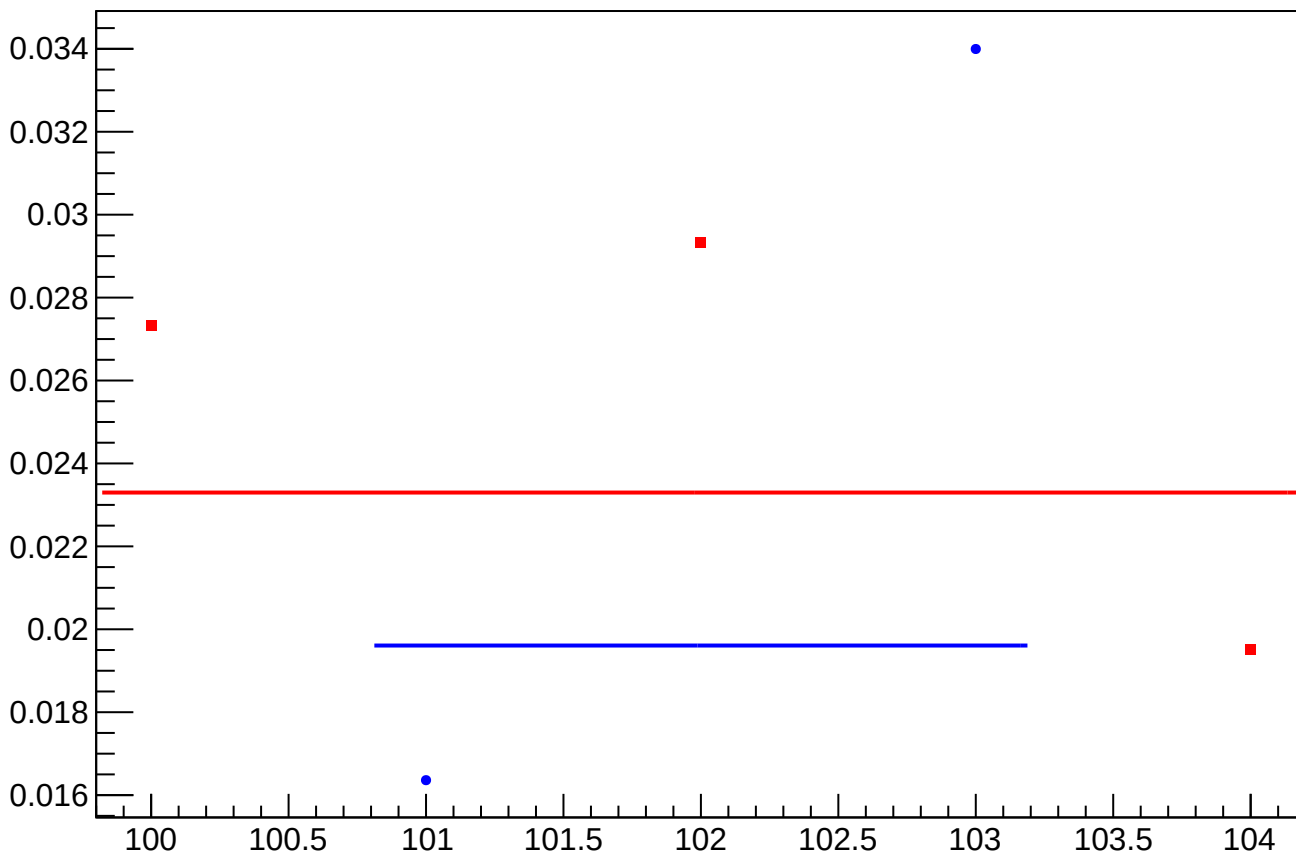
Right: 1.200+/-0.000 χ^2/NDF : 90476657.7/4

In: 1.192+/-0.000 χ^2/NDF : 17843.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.200+/-0.000 χ^2/NDF : 90476657.7/4

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: 0.023+/-0.000 χ^2/NDF : 82292.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

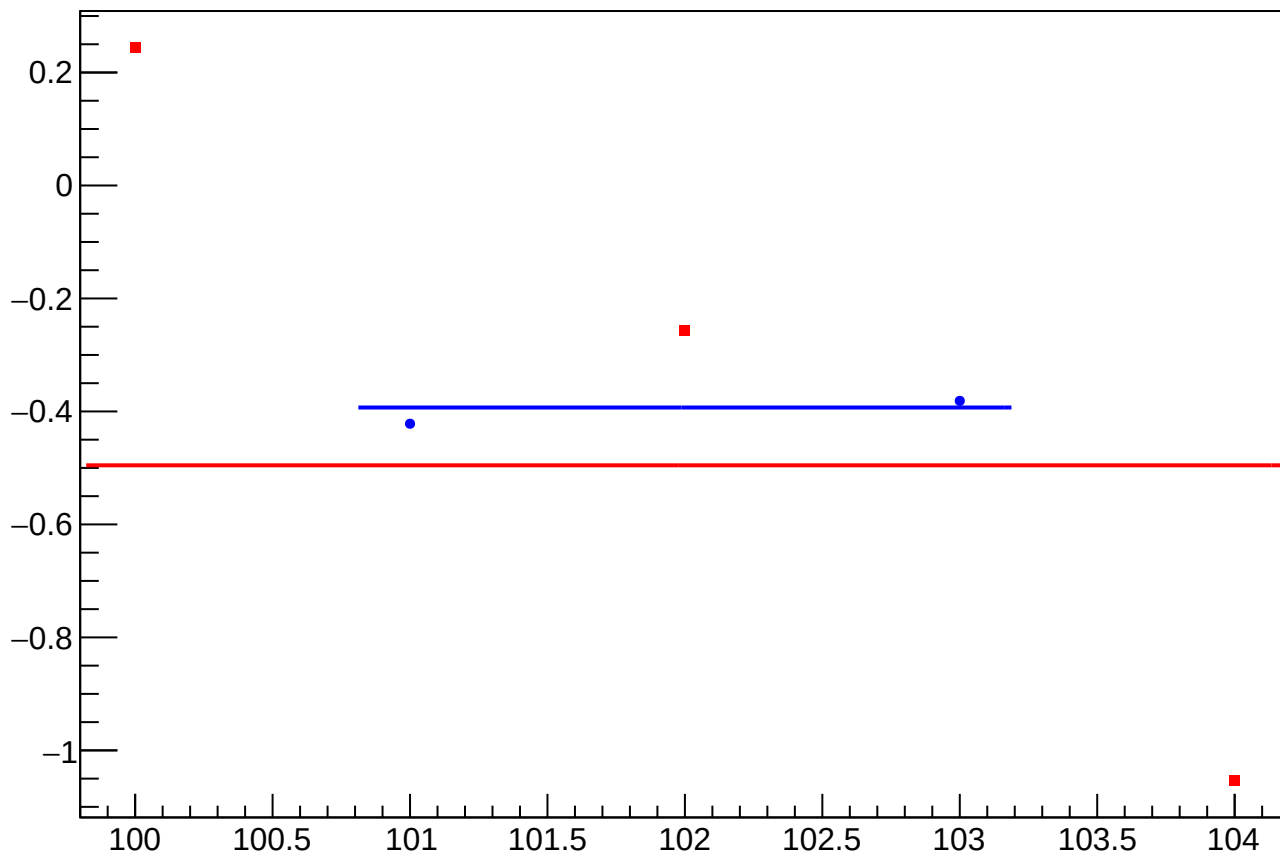
Right: 0.021+/-0.000 χ^2/NDF : 359918.3/4

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 : 359918.3/4

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: -0.495+/-0.000 χ^2/NDF : 933471167.7/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

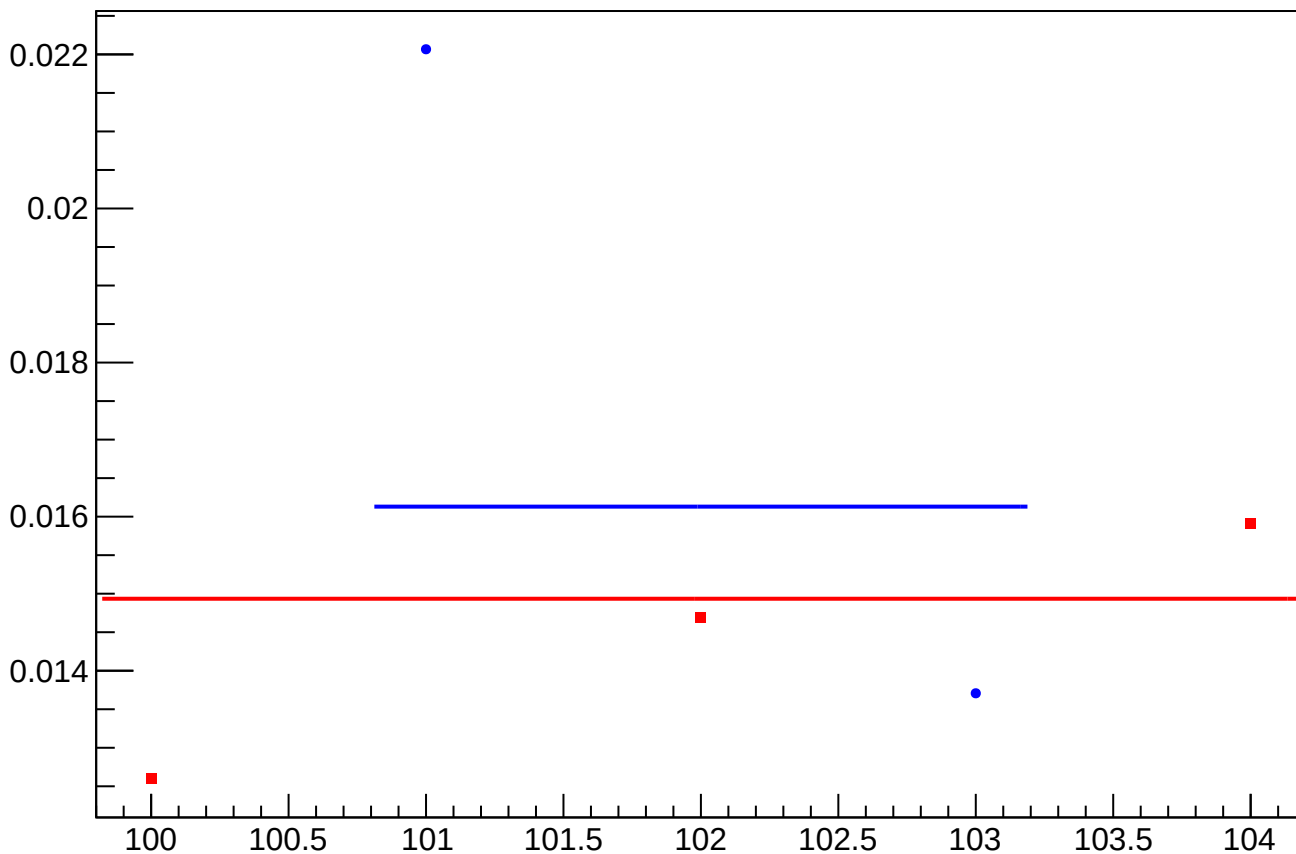
Right: -0.448+/-0.000 χ^2/NDF : 958103881.4/4

In: -0.393+/-0.000 χ^2/NDF :1386368.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.448+/-0.000 χ^2/NDF : 958103881.4/4

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: 0.015+/-0.000 χ^2/NDF : 8441.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

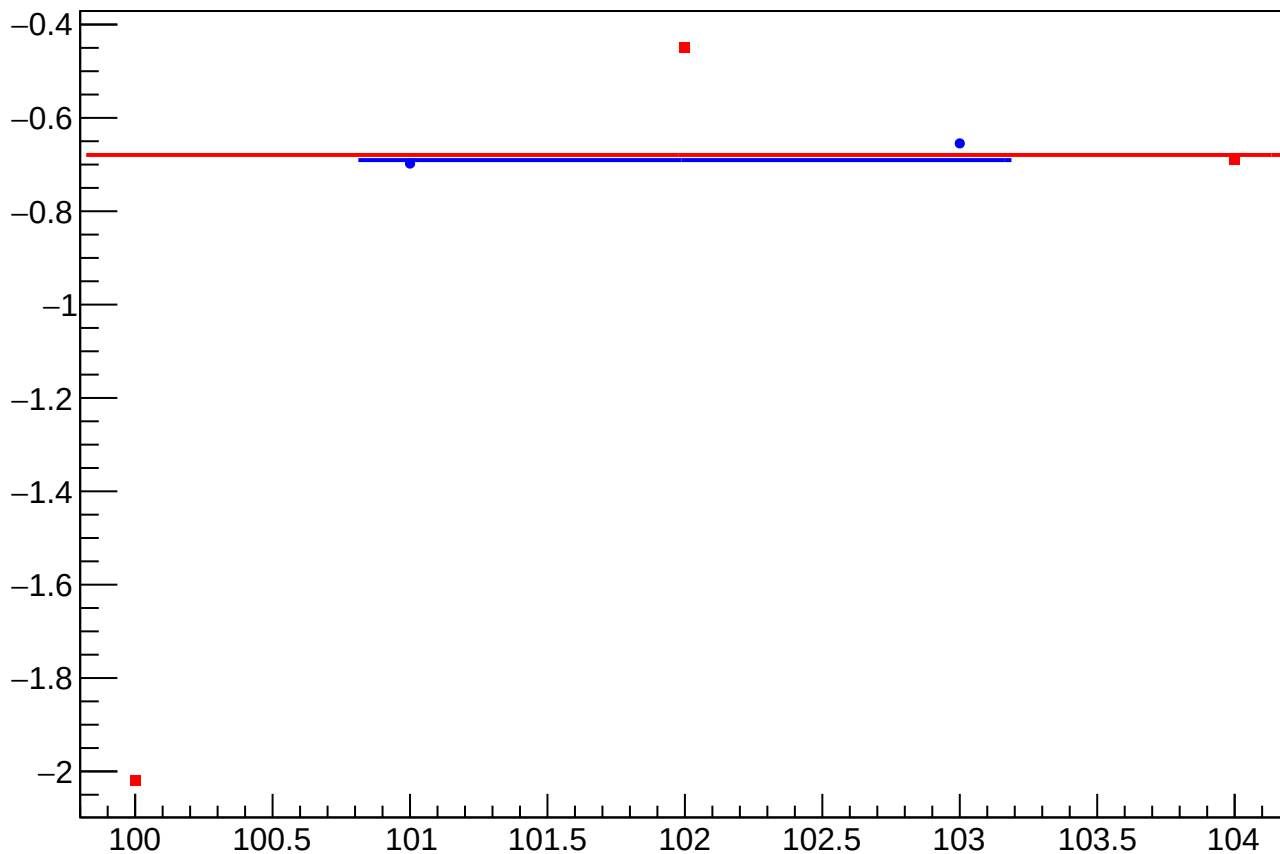
Right: 0.015+/-0.000 χ^2/NDF : 132922.6/4

In: 0.016+/-0.000 χ^2/NDF : 118135.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 132922.6/4

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: -0.679+/-0.000 χ^2/NDF : 54613656.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

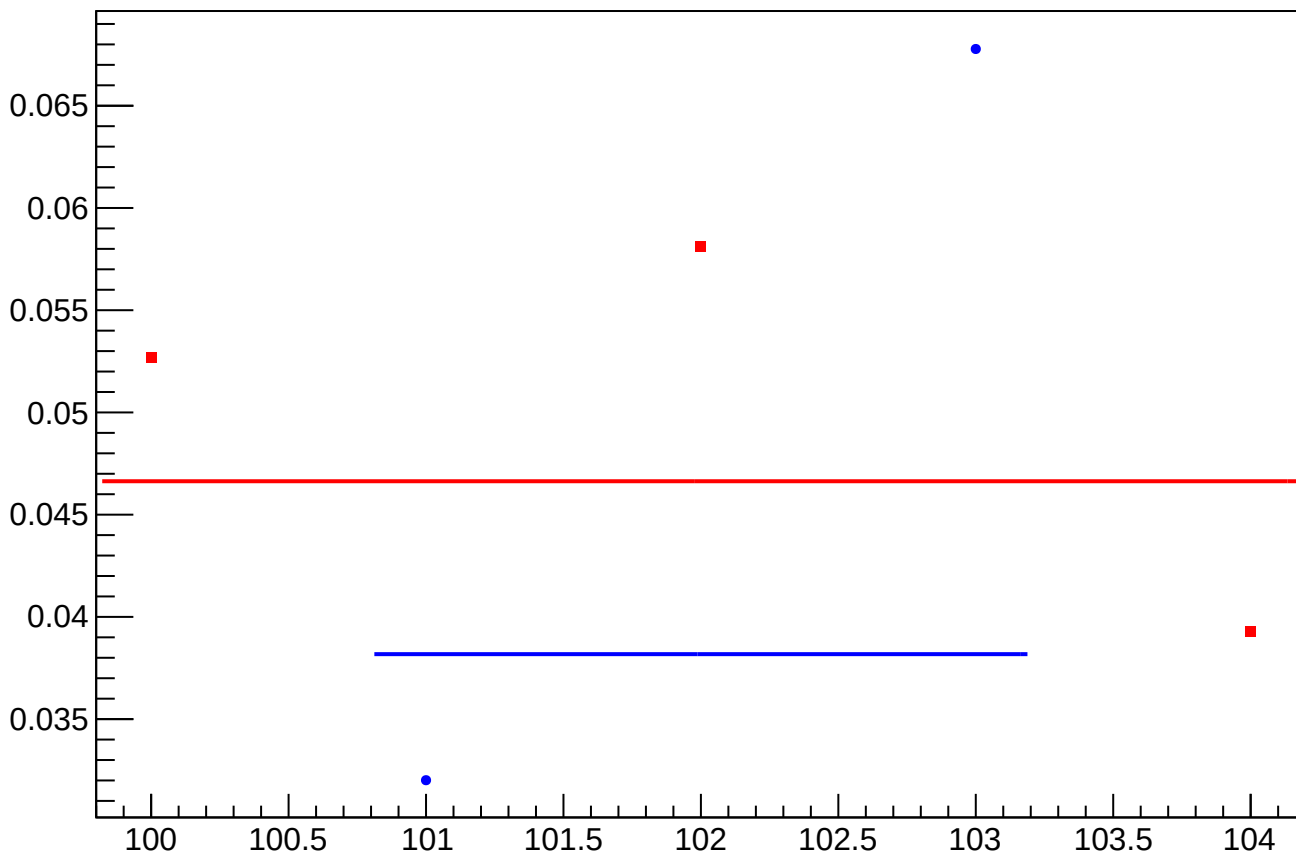
Right: -0.686+/-0.000 χ^2/NDF : 54834277.6/4

In: -0.690+/-0.000 χ^2/NDF : 186712.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.686+/-0.000 χ^2/NDF : 54834277.6/4

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: 0.047+/-0.000 χ^2/NDF : 74219.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

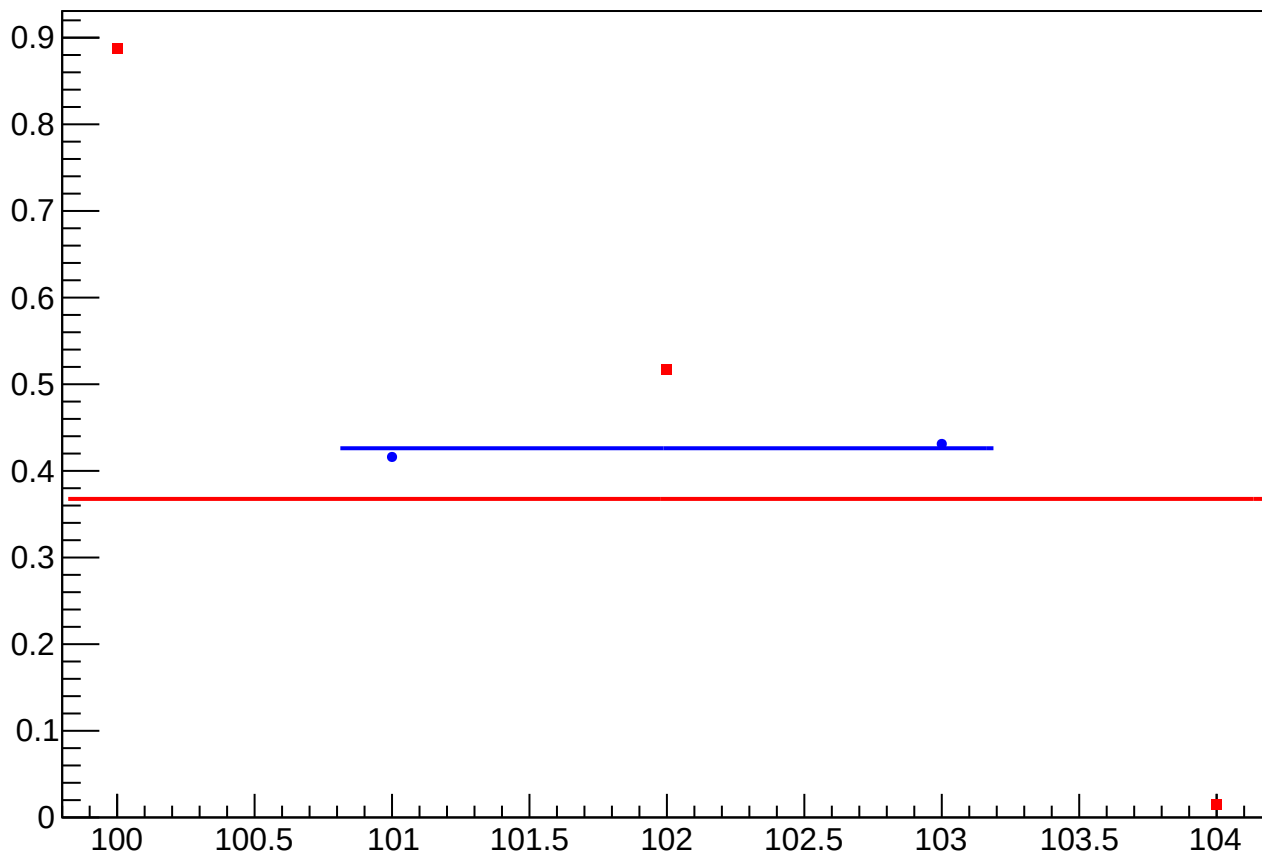
Right: 0.042+/-0.000 χ^2/NDF : 369623.0/4

In: 0.038+/-0.000 χ^2/NDF : 255512.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 369623.0/4

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: 0.368+/-0.000 χ^2/NDF : 682488482.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

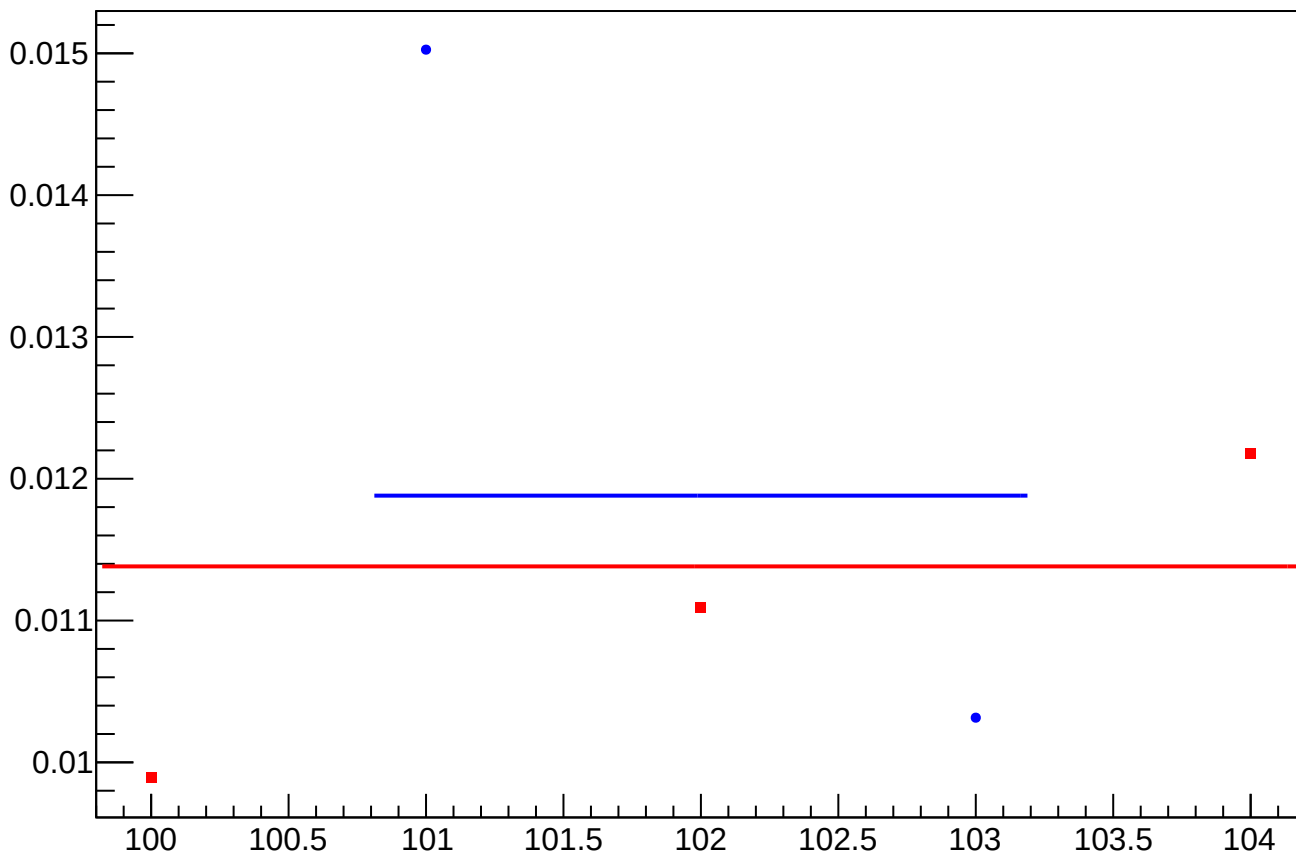
Right: 0.396+/-0.000 χ^2/NDF : 696732551.9/4

In: 0.426+/-0.000 χ^2/NDF : 388135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.396+/-0.000 χ^2/NDF : 696732551.9/4

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: 0.011+/-0.000 χ^2/NDF : 7910.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

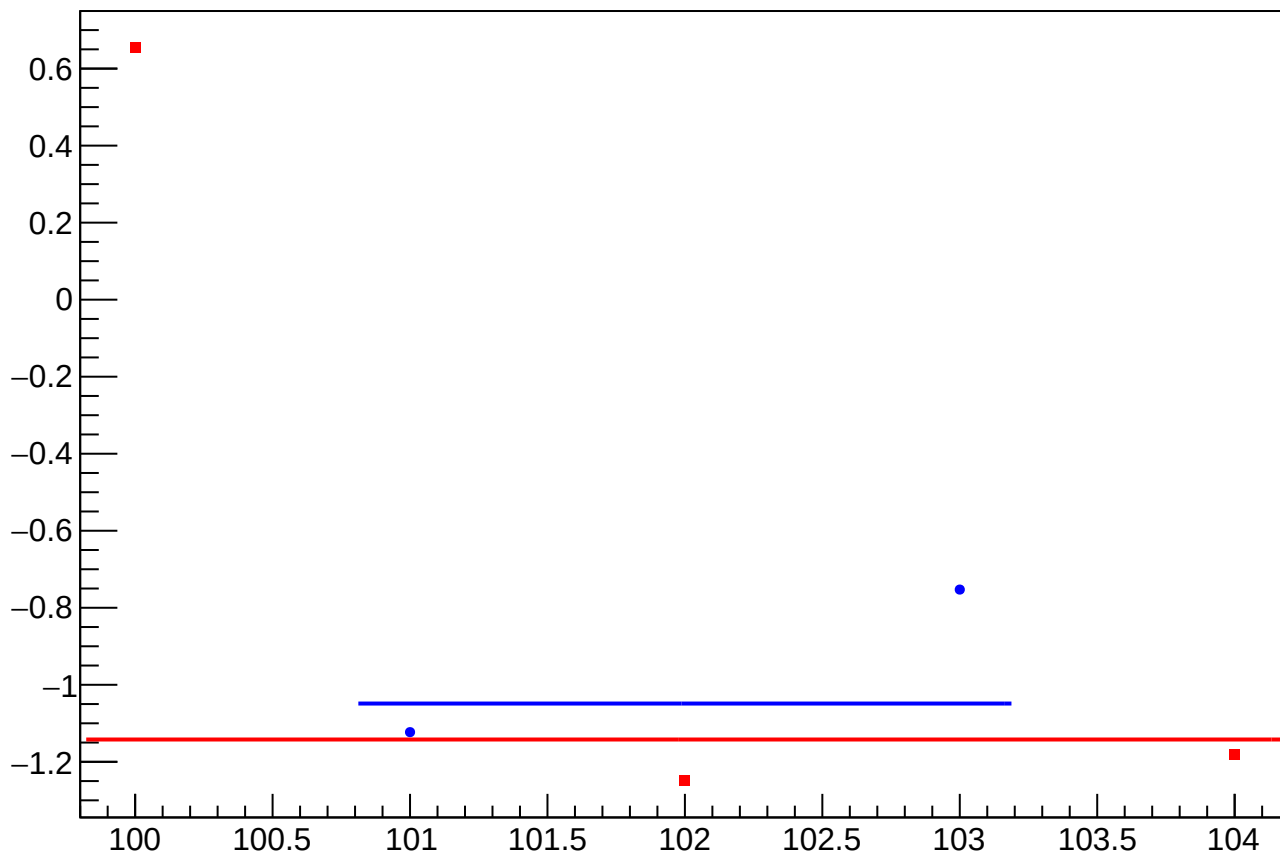
Right: 0.012+/-0.000 χ^2/NDF : 86164.1/4

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 : 86164.1/4

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: -1.142+/-0.000 χ^2/NDF : 50859362.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

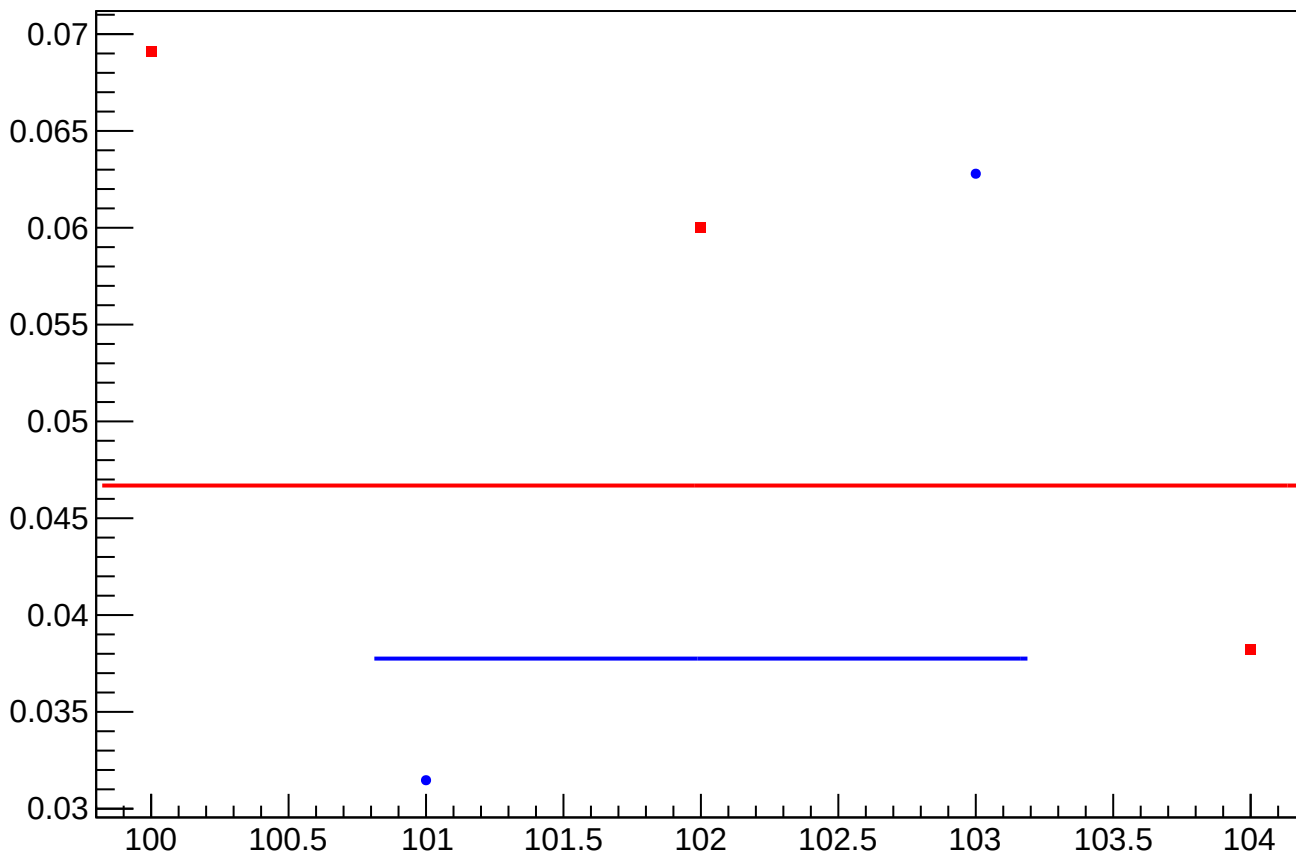
Right: -1.086+/-0.000 χ^2/NDF : 68263971.6/4

In: -1.049+/-0.000 χ^2/NDF : 15048415.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.086+/-0.000 χ^2/NDF : 68263971.6/4

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 : 109564.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

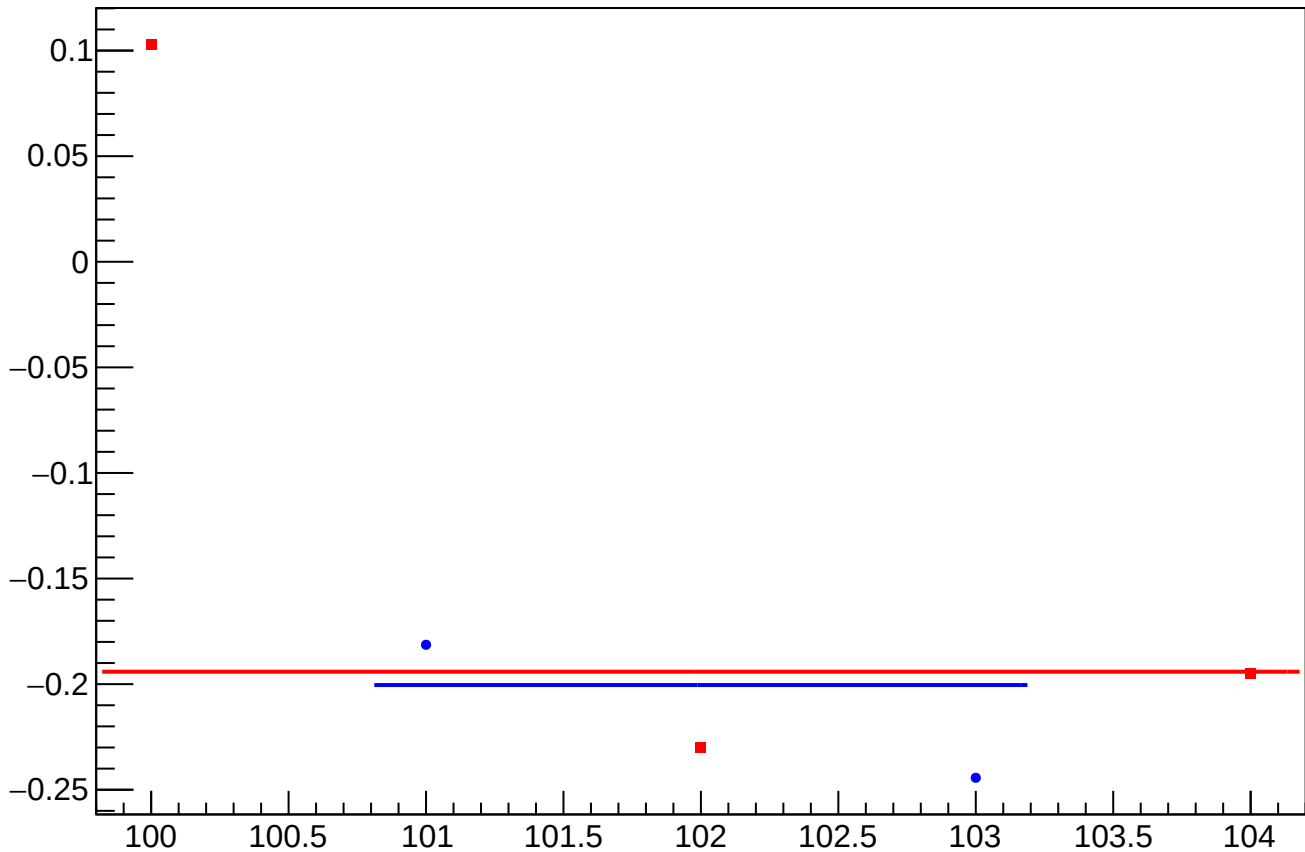
Right: 0.041+/-0.000 χ^2/NDF : 368197.9/4

In: 0.038+/-0.000 χ^2/NDF : 215467.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 368197.9/4

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: -0.194+/-0.000 χ^2/NDF : 131198213.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

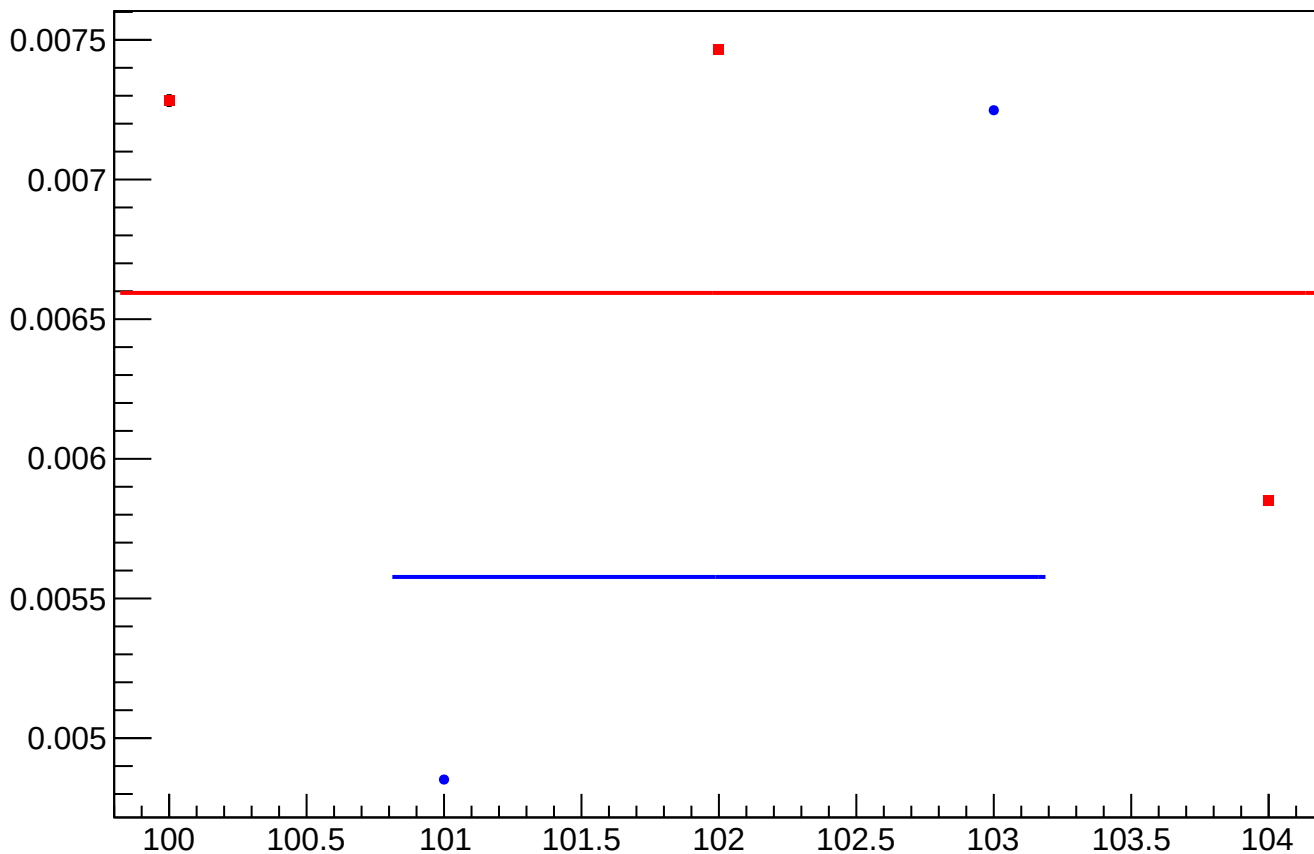
Right: -0.198+/-0.000 χ^2/NDF : 161341431.1/4

In: -0.200+/-0.000 χ^2/NDF : 29550336.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.198+/-0.000 χ^2/NDF : 161341431.1/4

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: 0.007+/-0.000 χ^2/NDF : 32713.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

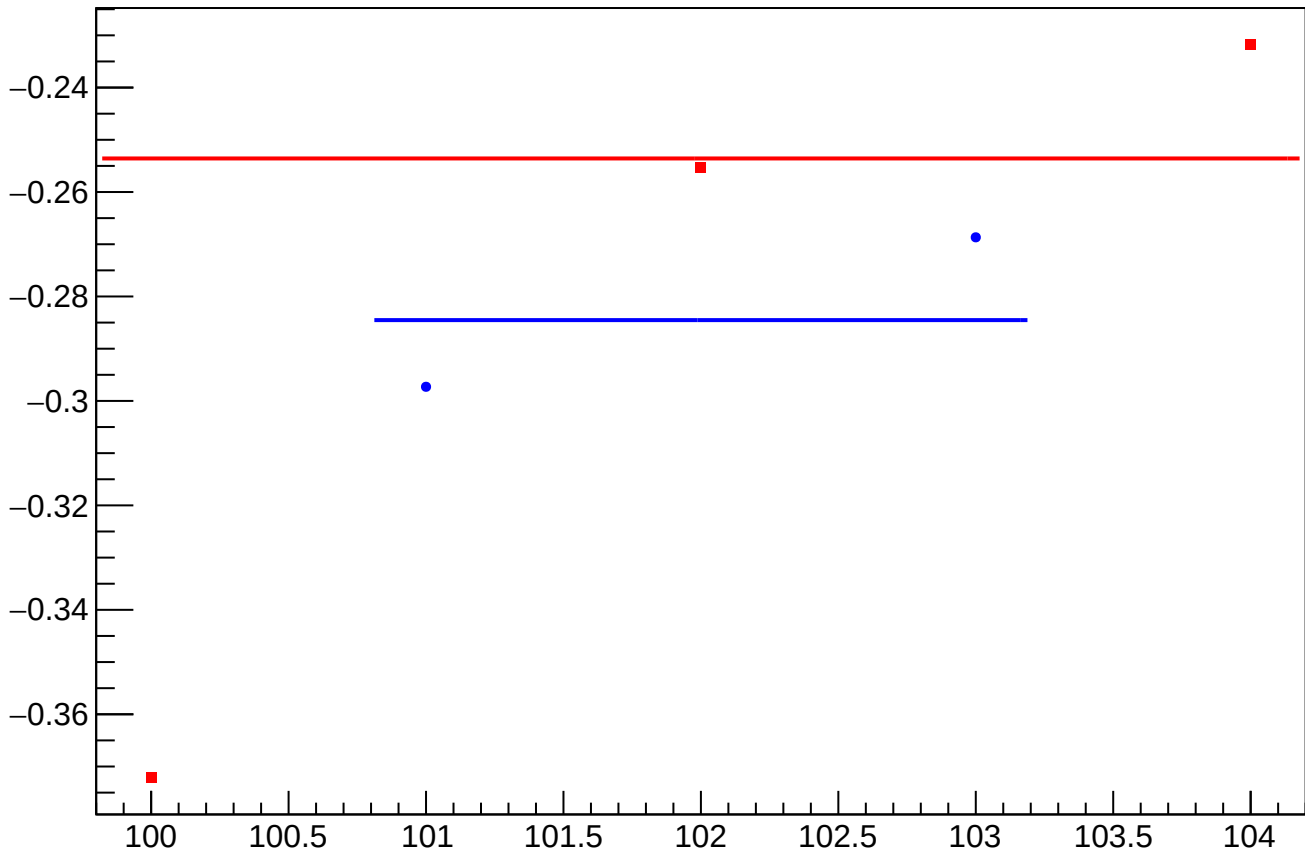
Right: 0.006+/-0.000 χ^2/NDF : 149086.9/4

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 : 149086.9/4

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: -0.254+/-0.000 χ^2/NDF : 20784991.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

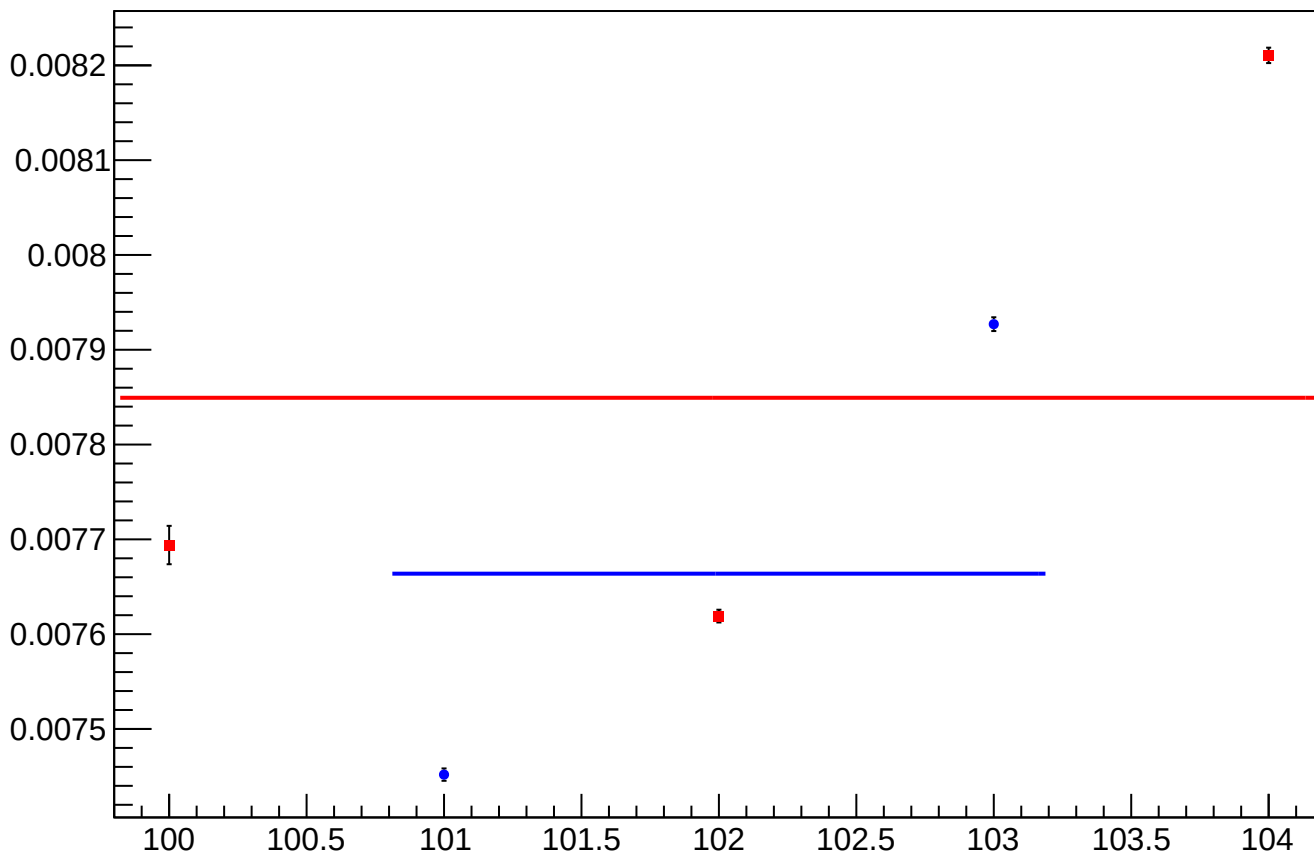
Right: -0.270+/-0.000 χ^2/NDF : 34905767.3/4

In: -0.285+/-0.000 χ^2/NDF :4295816.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.270+/-0.000 χ^2/NDF : 34905767.3/4

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 : 3206.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

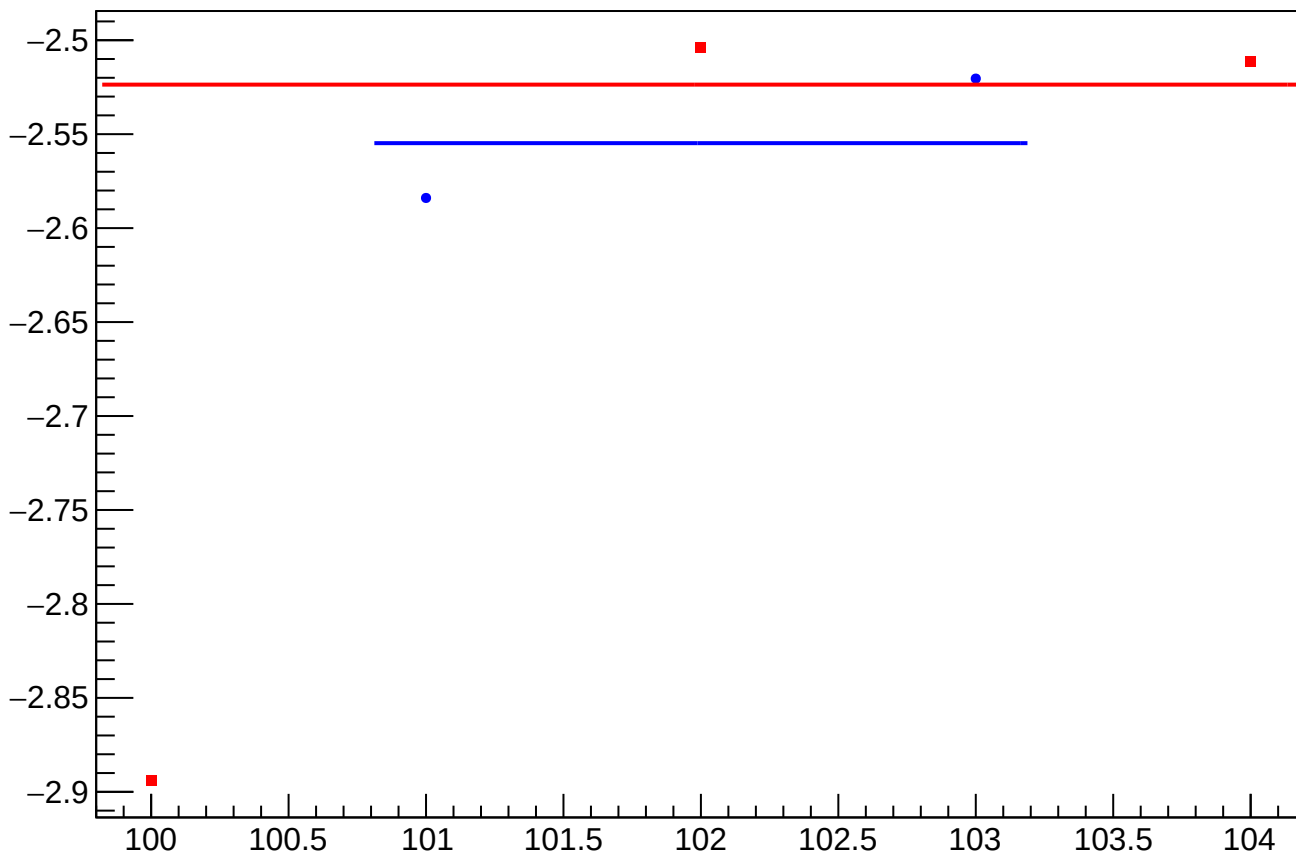
Right: 0.008+/-0.000 χ^2/NDF : 6281.1/4

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 : 6281.1/4

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: -2.524+/-0.000 χ^2/NDF : 135875340.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

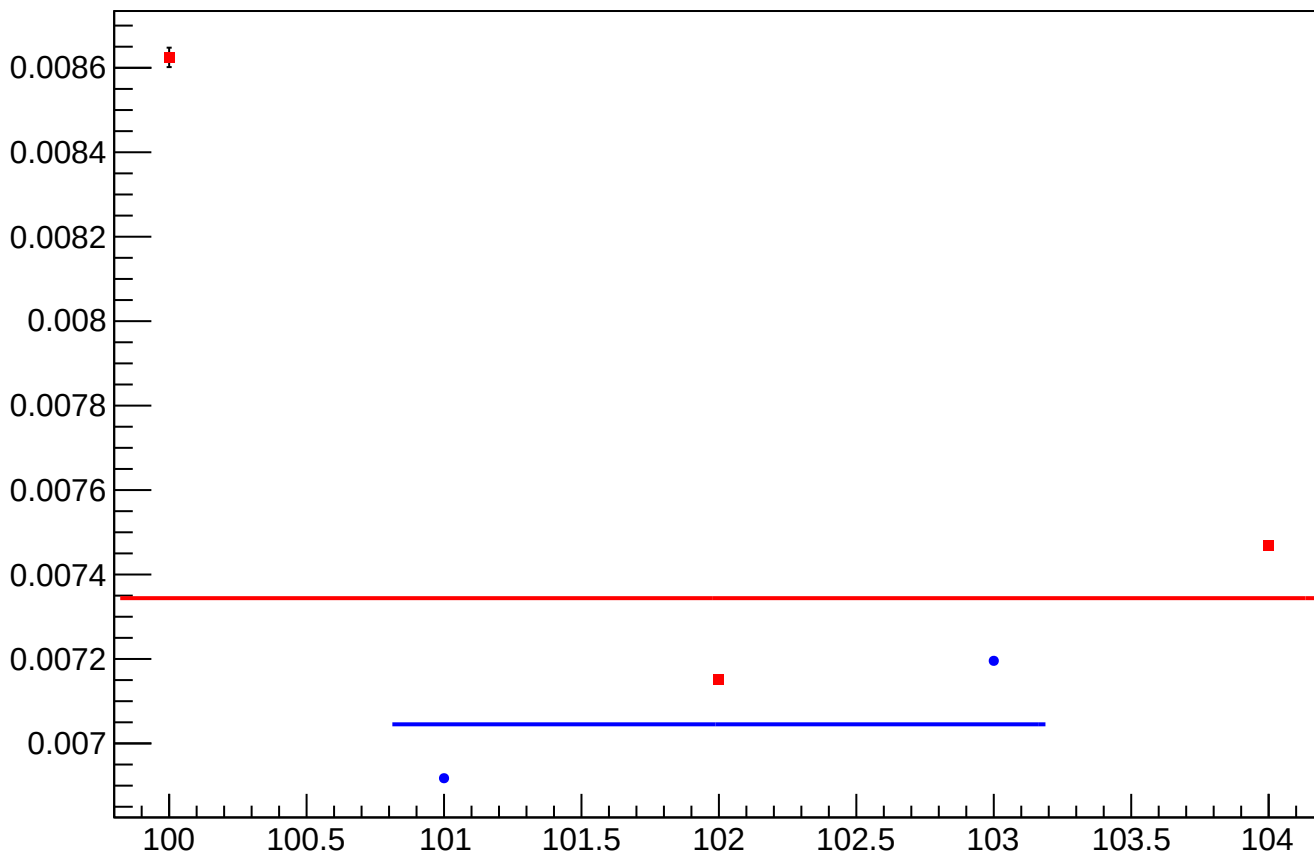
Right: -2.540+/-0.000 χ^2/NDF : 171816577.6/4

In: -2.555+/-0.000 χ^2/NDF : 24607960.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.540+/-0.000 χ^2/NDF : 171816577.6/4

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: 0.007+/-0.000 χ^2/NDF : 4304.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

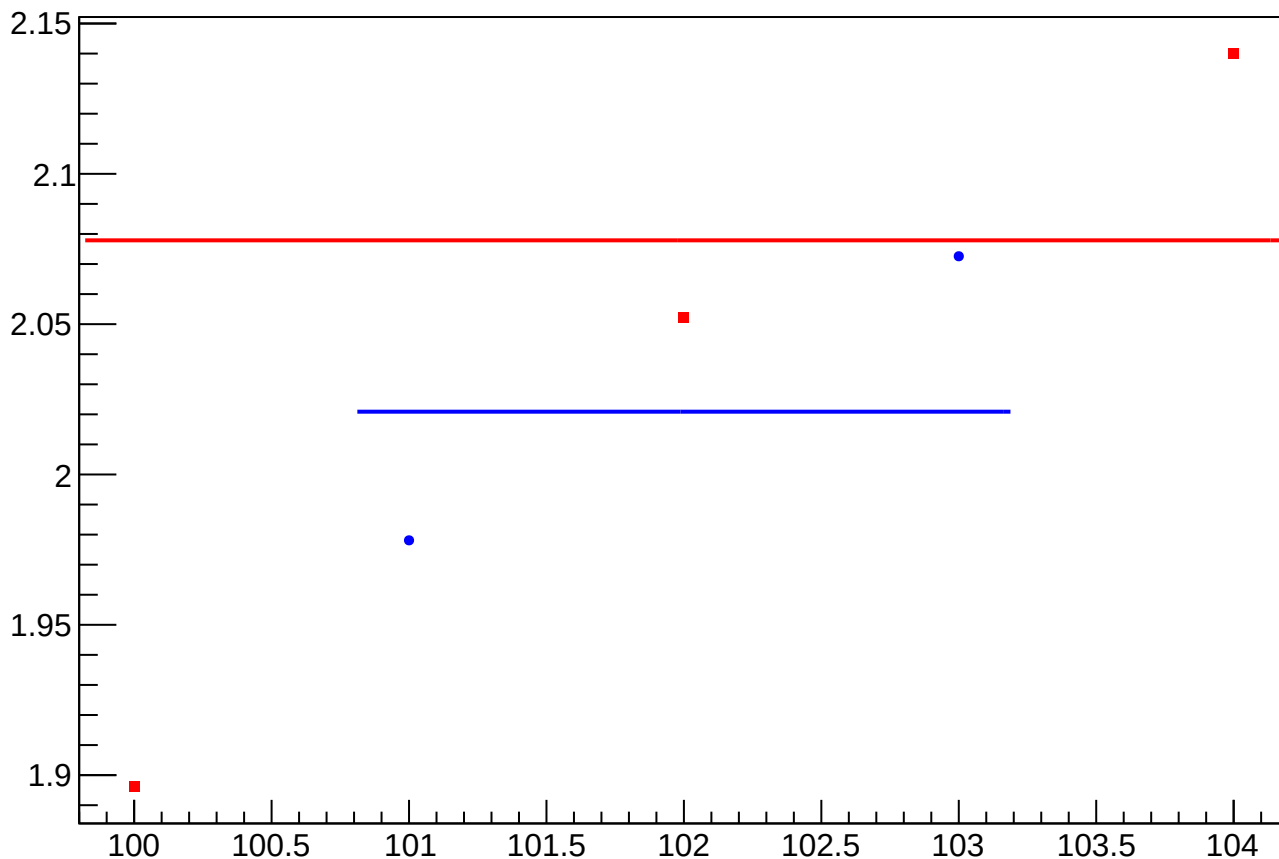
Right: 0.007+/-0.000 χ^2/NDF : 7331.9/4

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 : 7331.9/4

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: 2.078+/-0.000 χ^2/NDF : 25442176.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

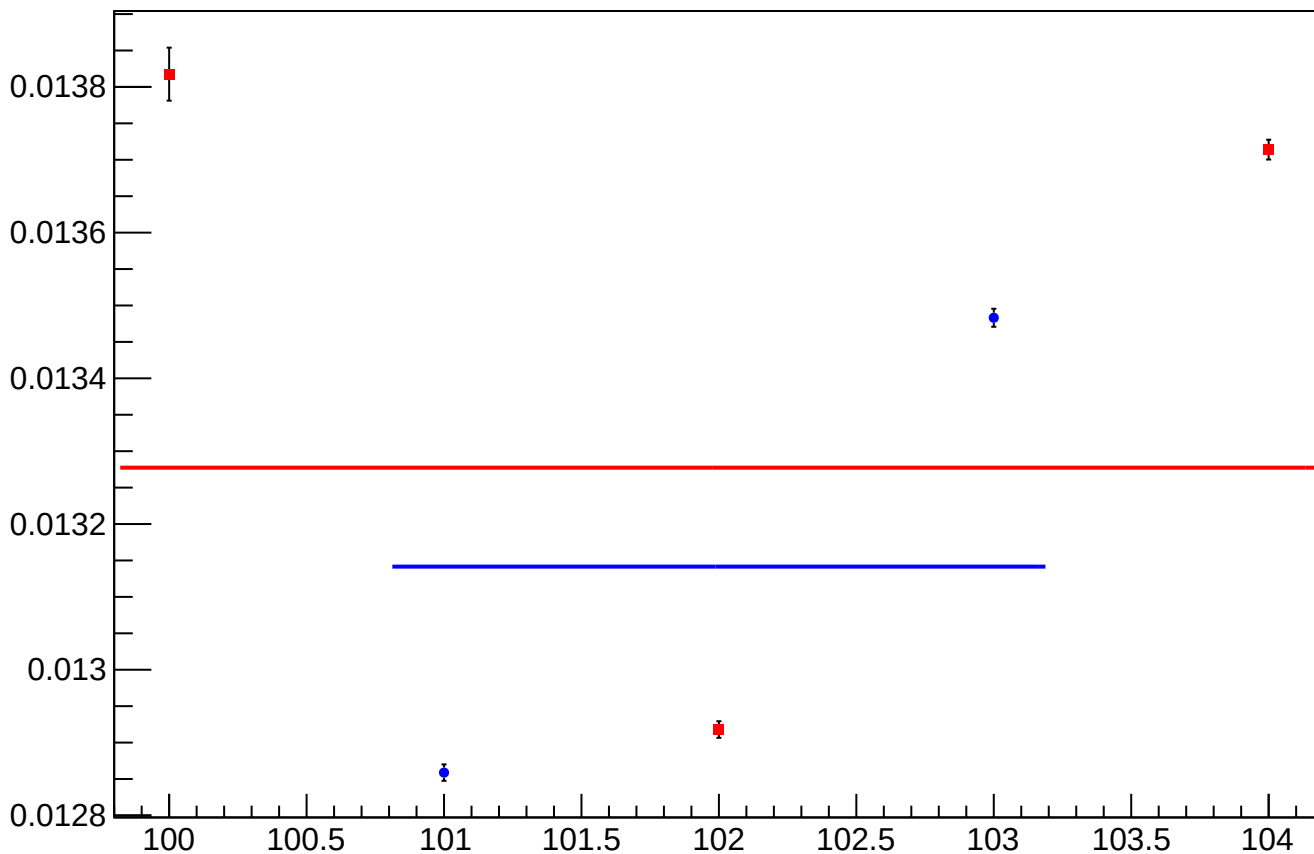
Right: 2.049+/-0.000 χ^2/NDF : 52889567.7/4

In: 2.021+/-0.000 χ^2/NDF : 15963252.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.049+/-0.000 χ^2/NDF : 52889567.7/4

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 : 2246.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

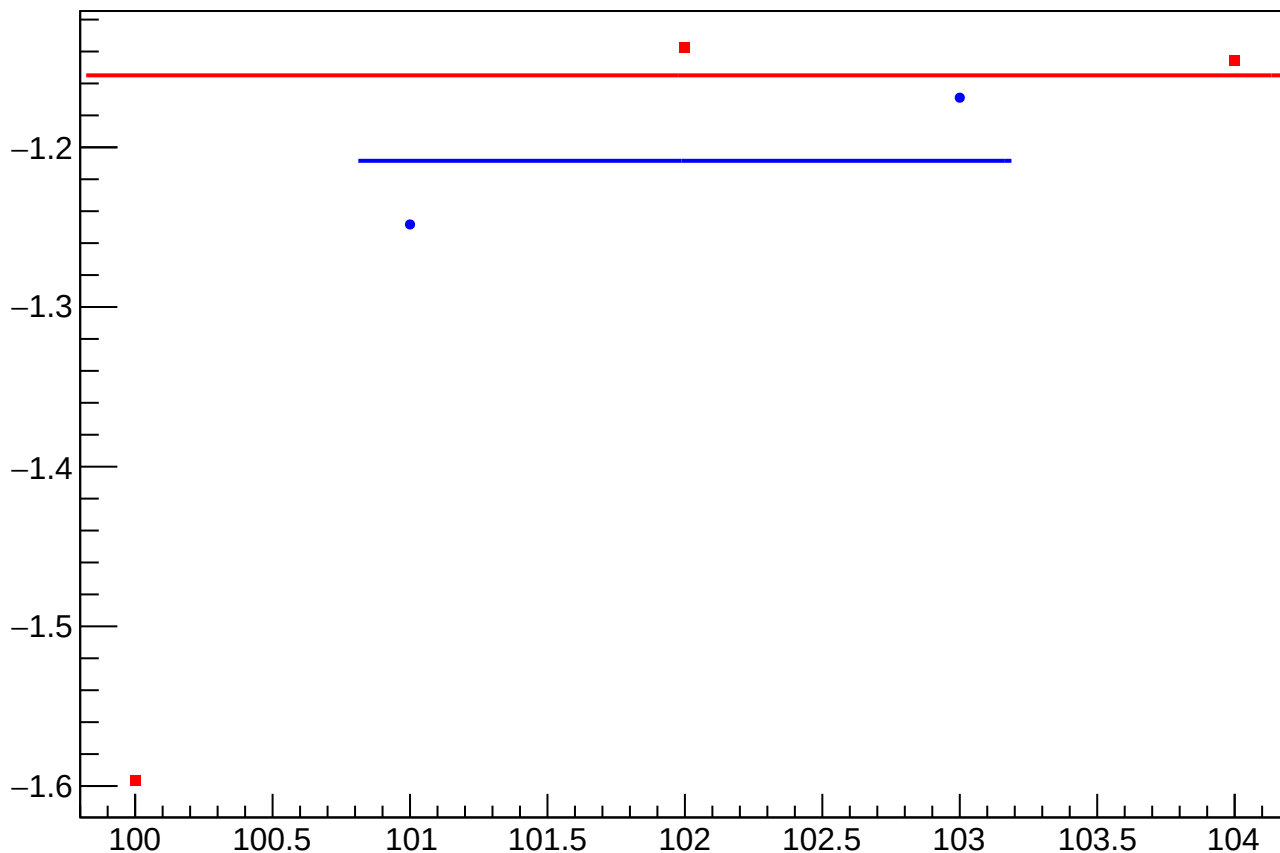
Right: 0.013+/-0.000 χ^2/NDF : 3770.4/4

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 : 3770.4/4

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: -1.155+/-0.000 χ^2/NDF : 135649427.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

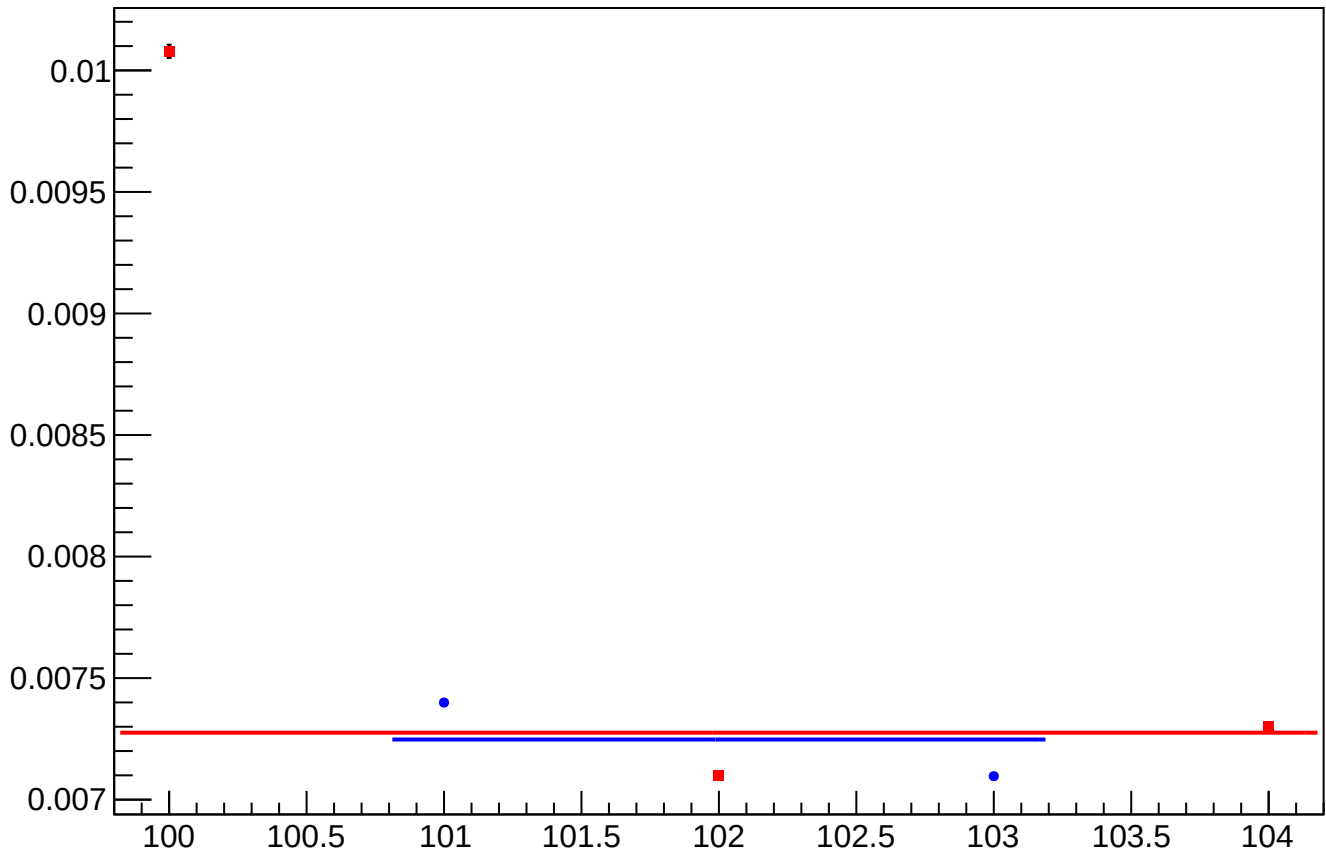
Right: -1.182+/-0.000 χ^2/NDF : 203683905.3/4

In: -1.208+/-0.000 χ^2/NDF : 35858190.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.182+/-0.000 χ^2/NDF : 203683905.3/4

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 : 11321.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

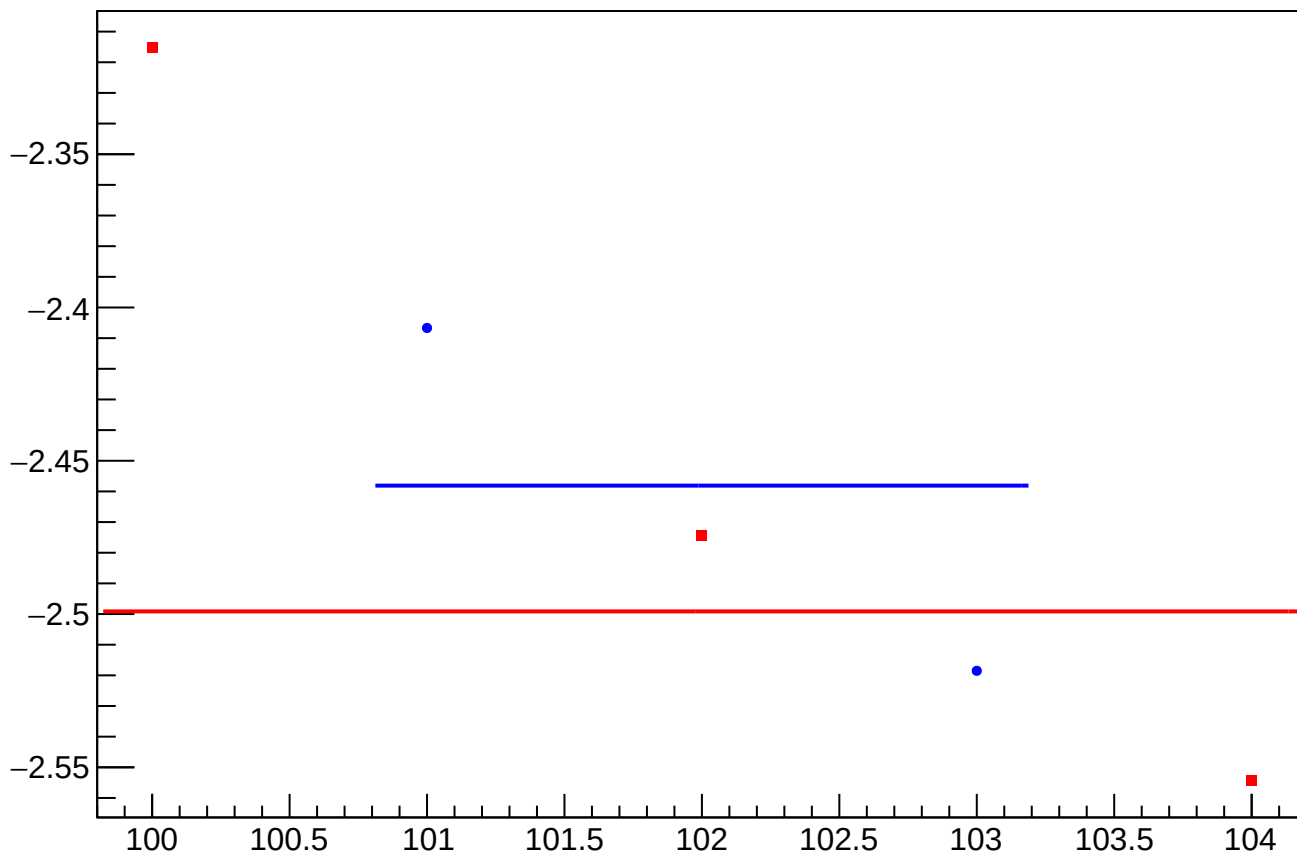
Right: 0.007+/-0.000 χ^2/NDF : 12383.5/4

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 : 12383.5/4

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: -2.499+/-0.000 χ^2/NDF : 134468731.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

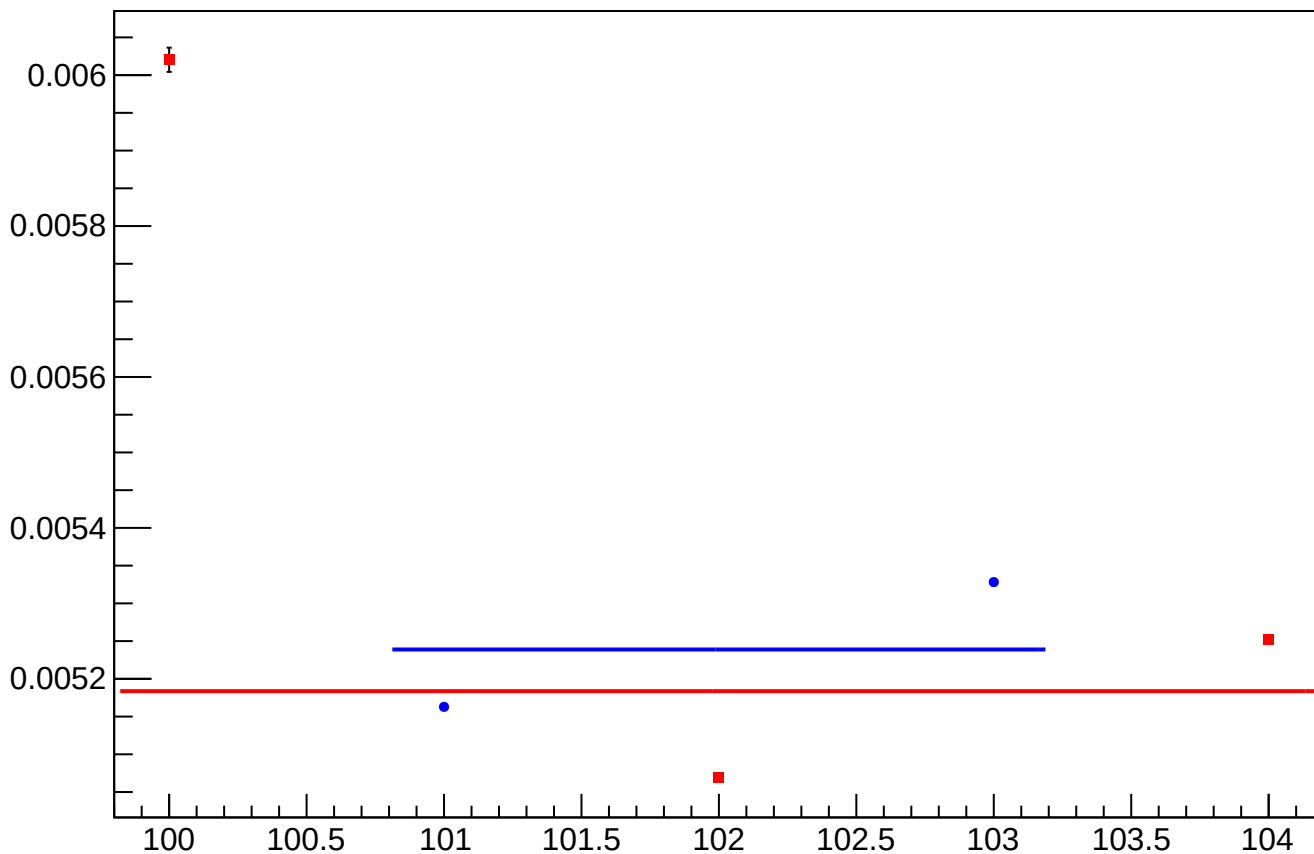
Right: -2.479+/-0.000 χ^2/NDF : 309990361.2/4

In: -2.458+/-0.000 χ^2/NDF : 138147654.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.479+/-0.000 χ^2/NDF : 309990361.2/4

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 : 3536.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

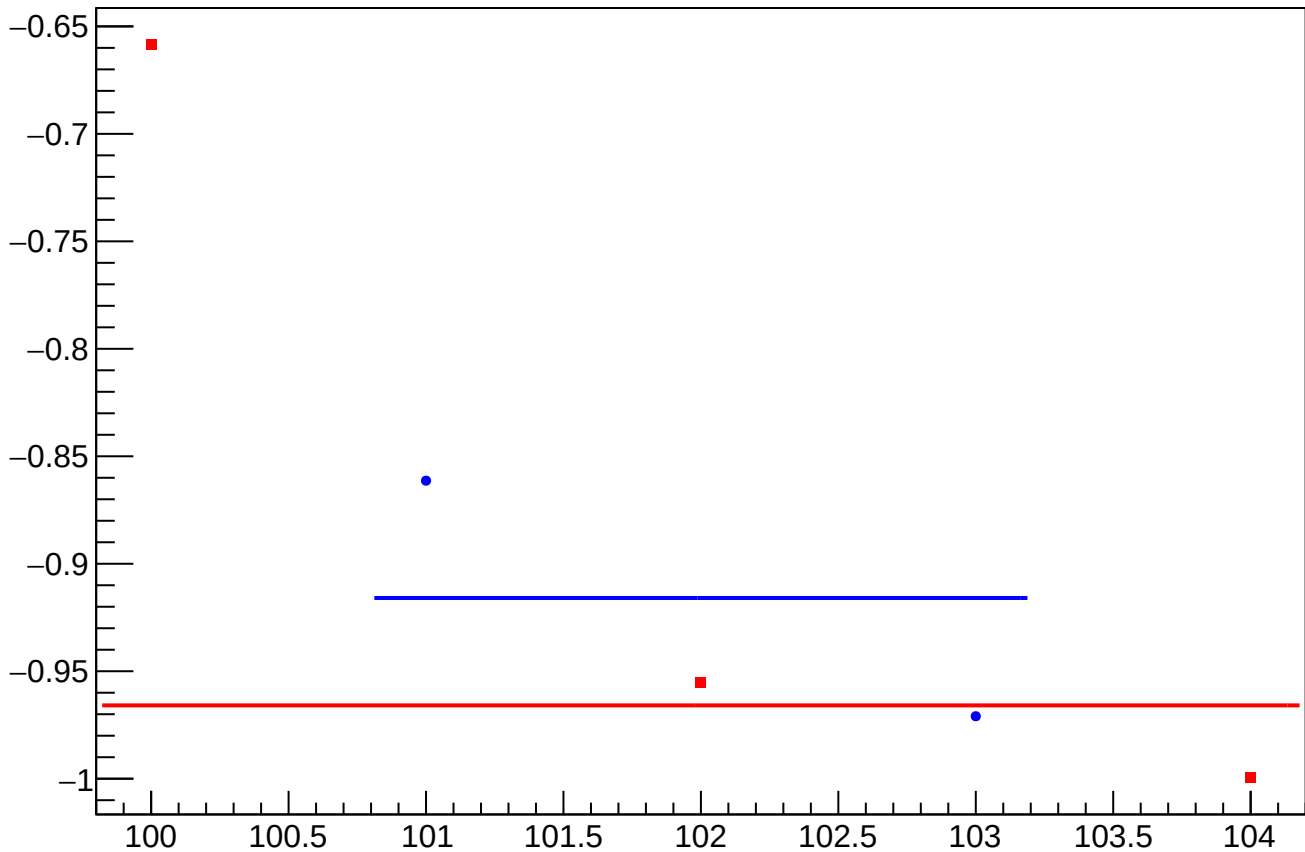
Right: 0.005+/-0.000 χ^2/NDF : 4275.0/4

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 : 4275.0/4

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: -0.966+/-0.000 χ^2/NDF : 158384276.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

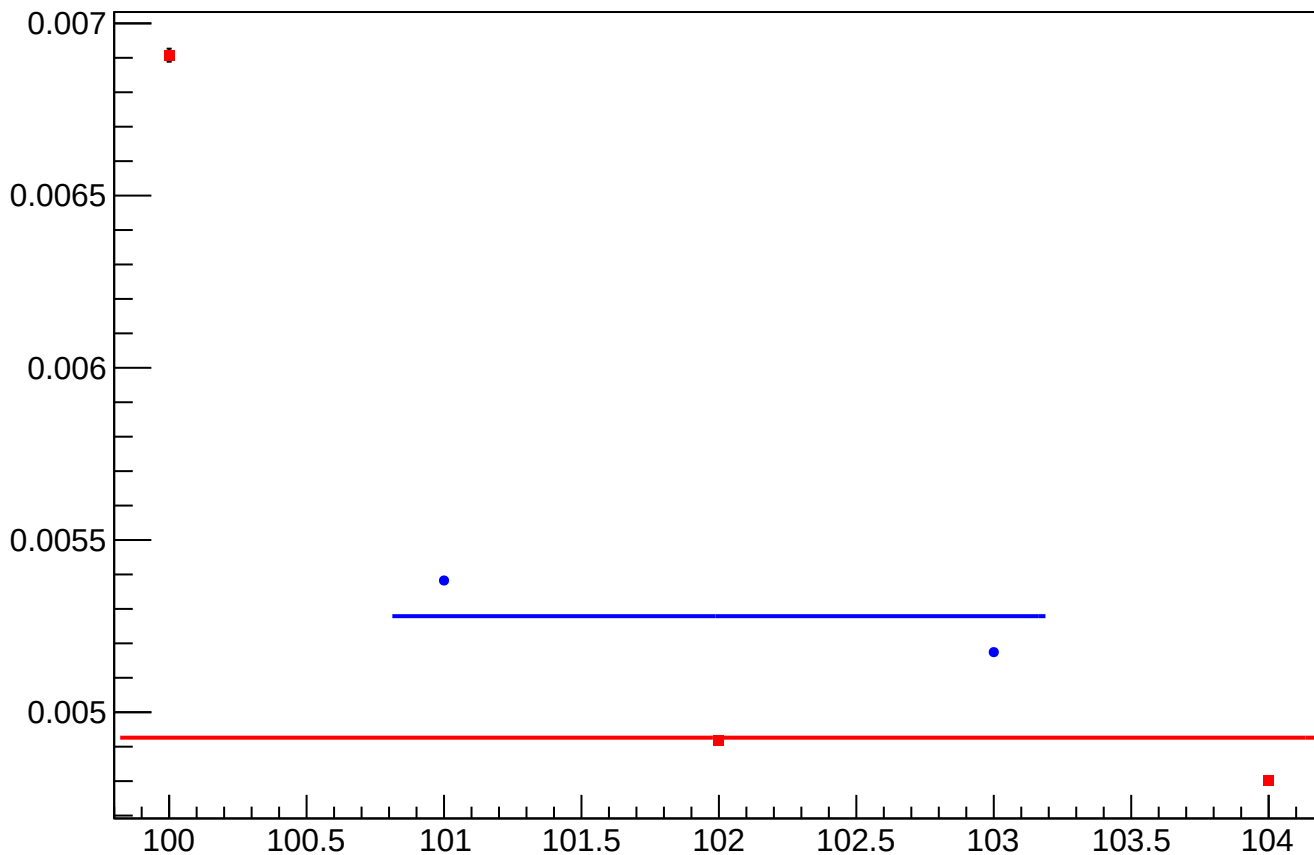
Right: -0.942+/-0.000 χ^2/NDF : 343911349.0/4

In: -0.916+/-0.000 χ^2/NDF : 129175569.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.942+/-0.000 χ^2/NDF : 343911349.0/4

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 : 11602.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

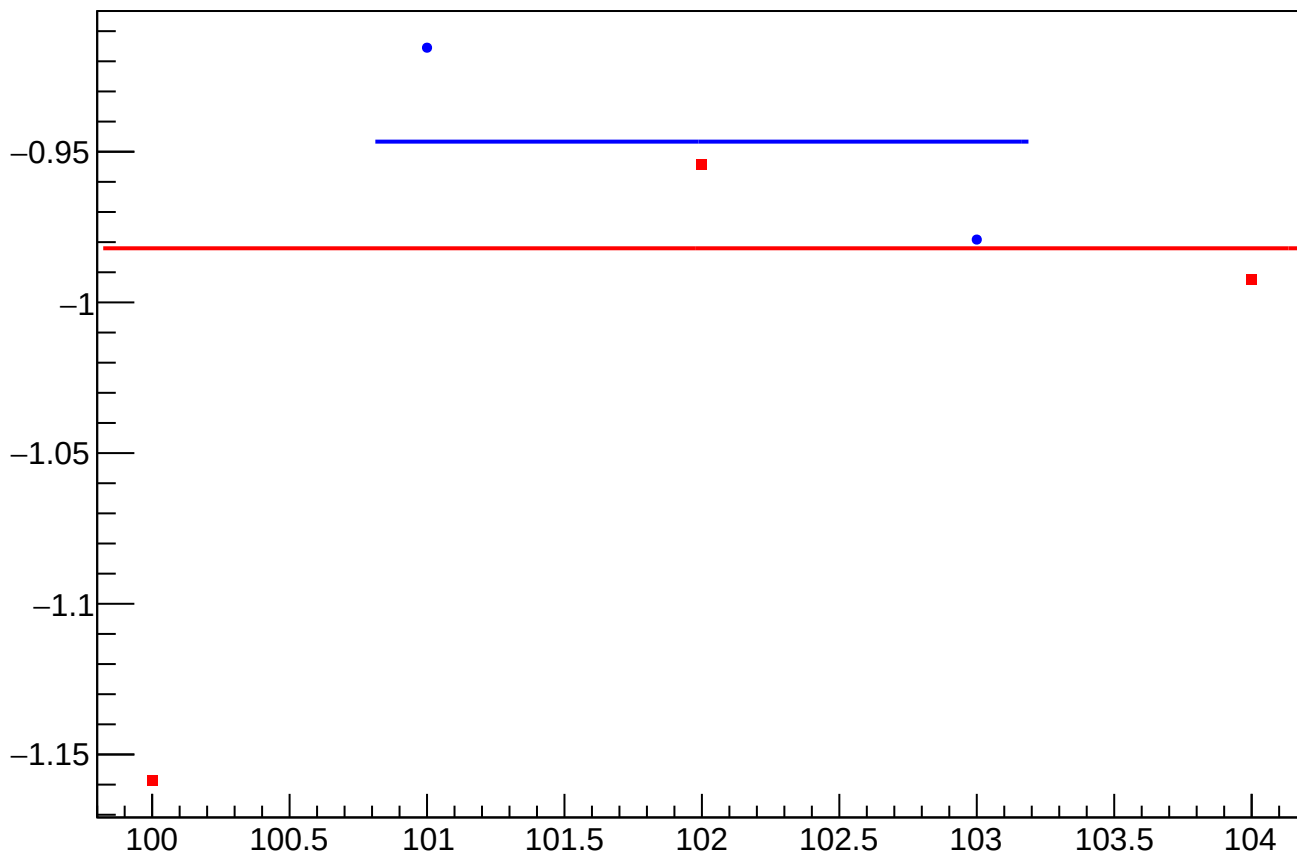
Right: 0.005+/-0.000 χ^2/NDF : 18149.3/4

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 : 18149.3/4

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: -0.982+/-0.000 χ^2/NDF : 147319210.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

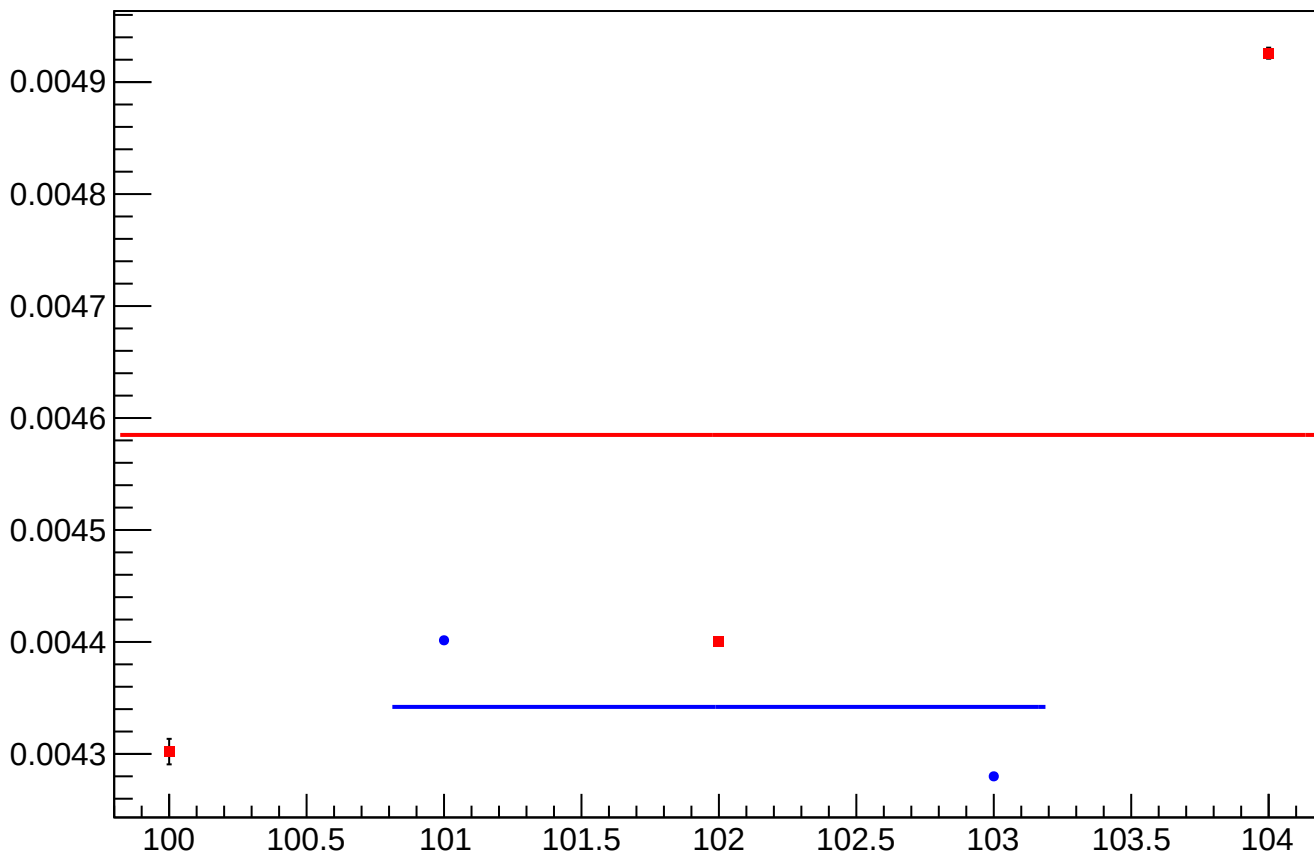
Right: -0.963+/-0.000 χ^2/NDF : 250198416.3/4

In: -0.947+/-0.000 χ^2/NDF :65094779.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.963+/-0.000 χ^2/NDF : 250198416.3/4

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 : 7621.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

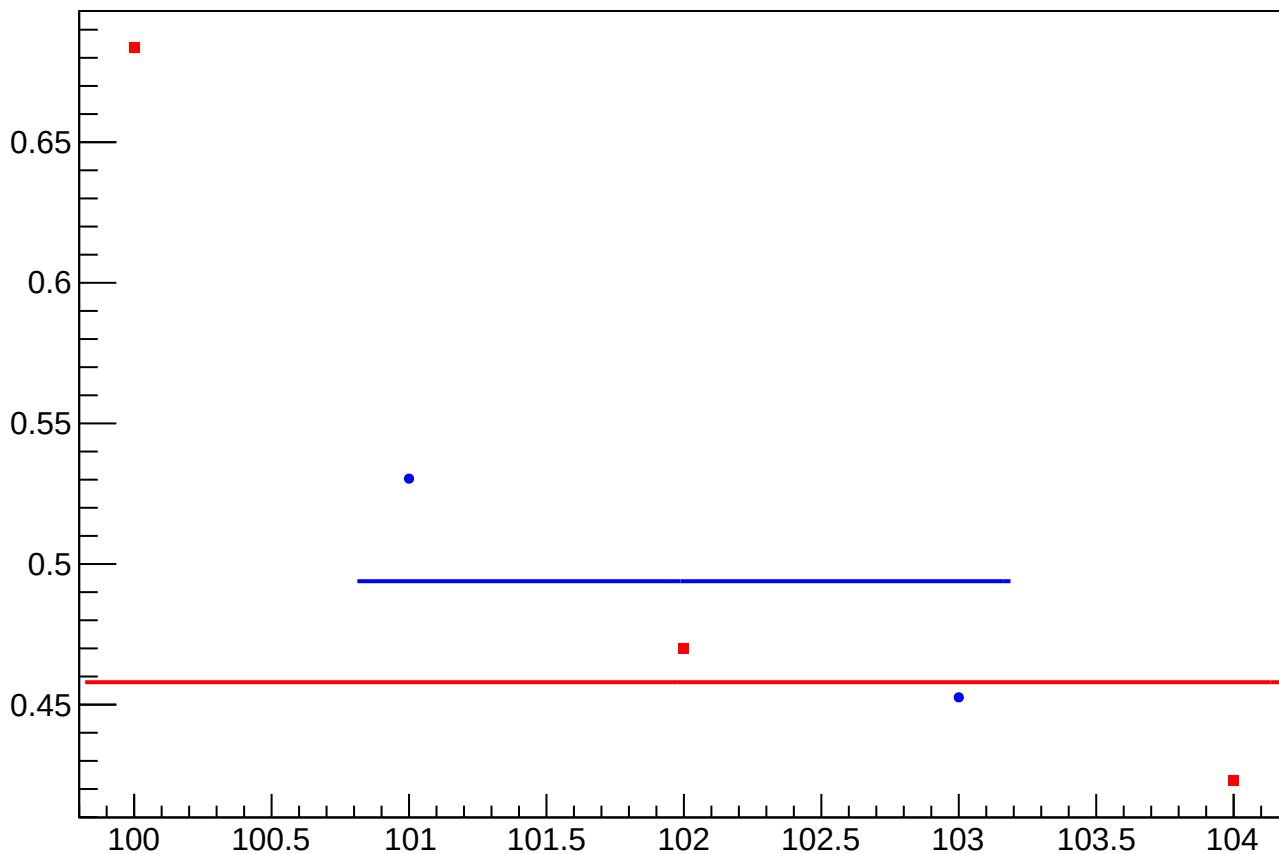
Right: 0.004+/-0.000 χ^2/NDF : 11655.7/4

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 : 11655.7/4

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: 0.458+/-0.000 χ^2/NDF : 269389856.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

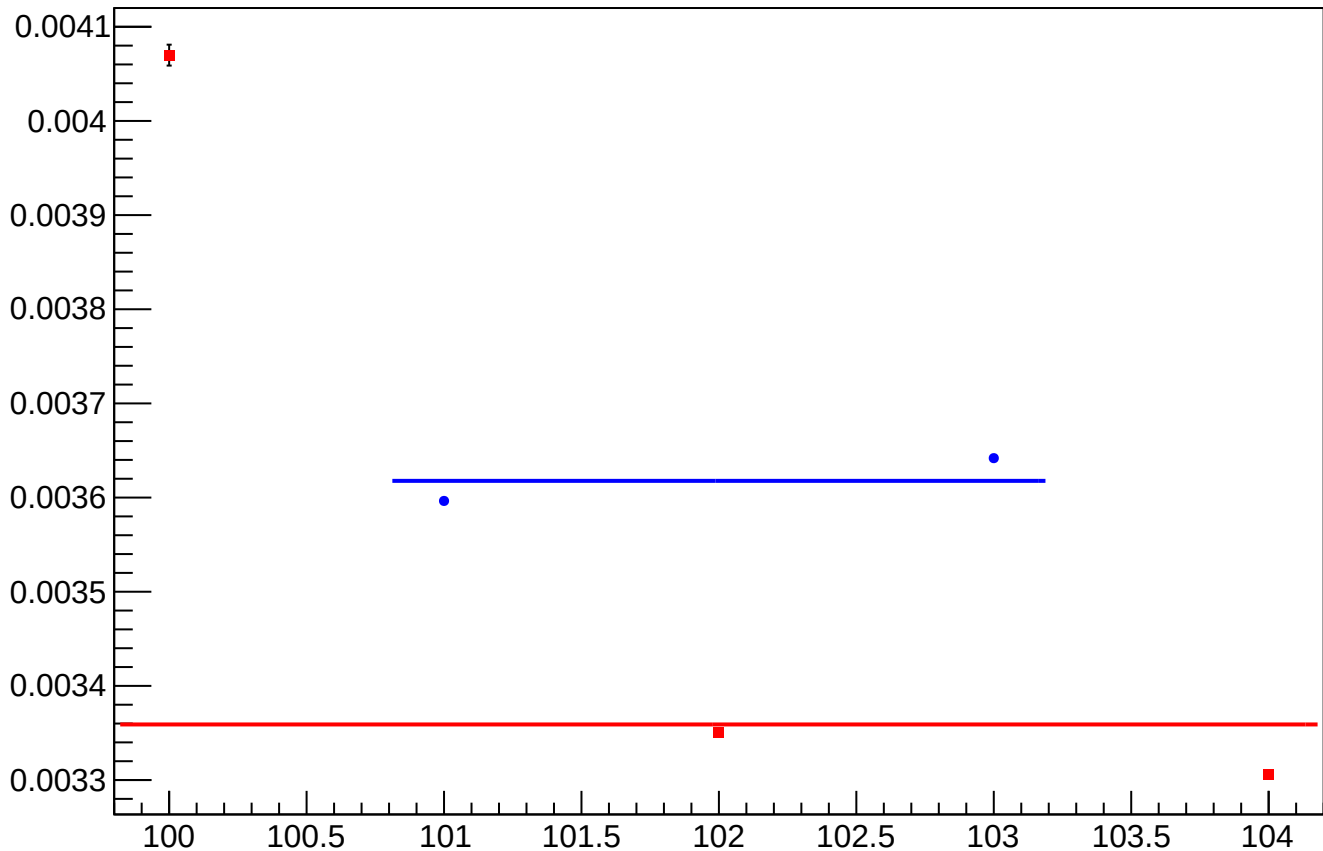
Right: 0.475+/-0.000 χ^2/NDF : 470511964.3/4

In: 0.494+/-0.000 χ^2/NDF : 138224657.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.475+/-0.000 χ^2/NDF : 470511964.3/4

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 : 4360.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

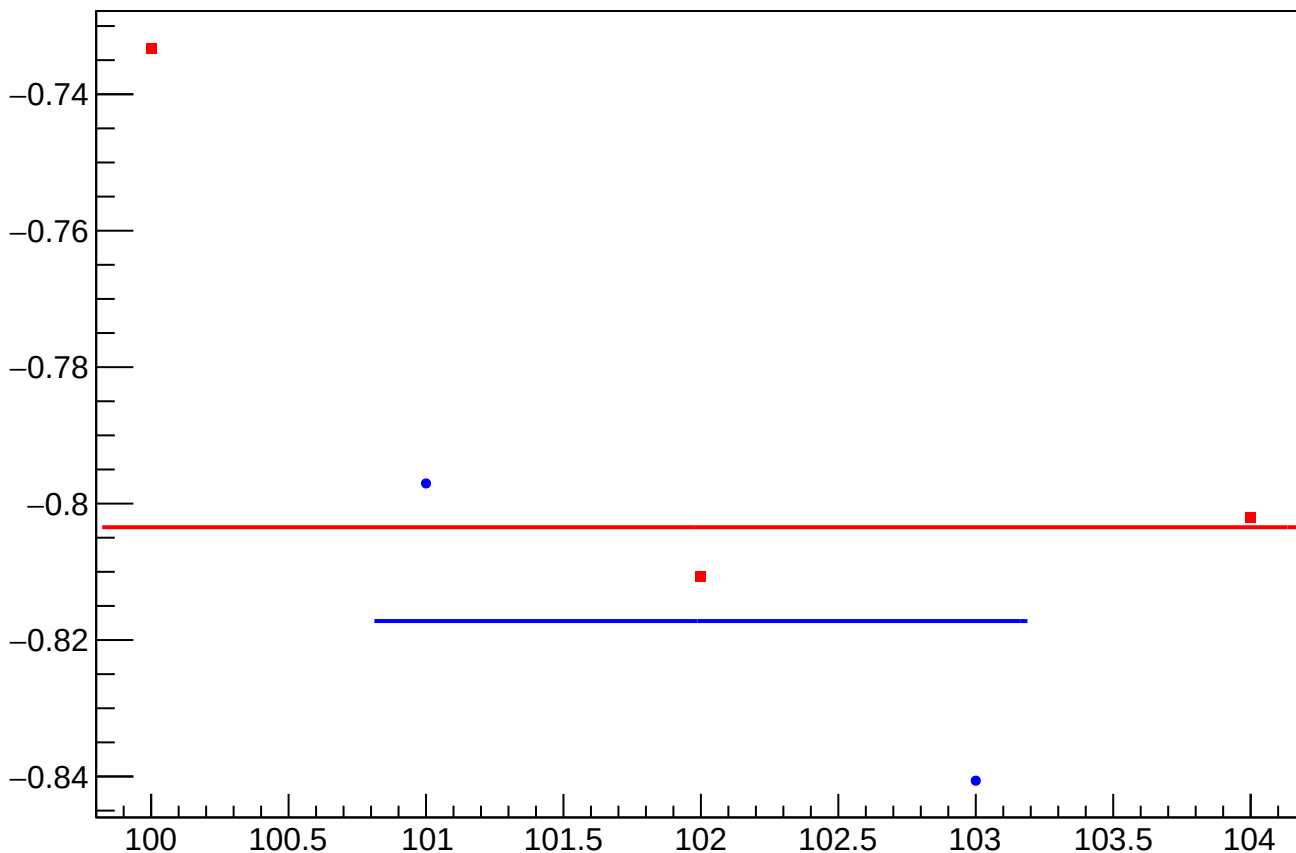
Right: 0.003+/-0.000 χ^2/NDF : 10982.6/4

In: 0.004+/-0.000 χ^2/NDF : 94.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10982.6/4

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.817+/-0.000 χ^2/NDF : 4061850.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.803+/-0.000 χ^2/NDF : 2255949.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

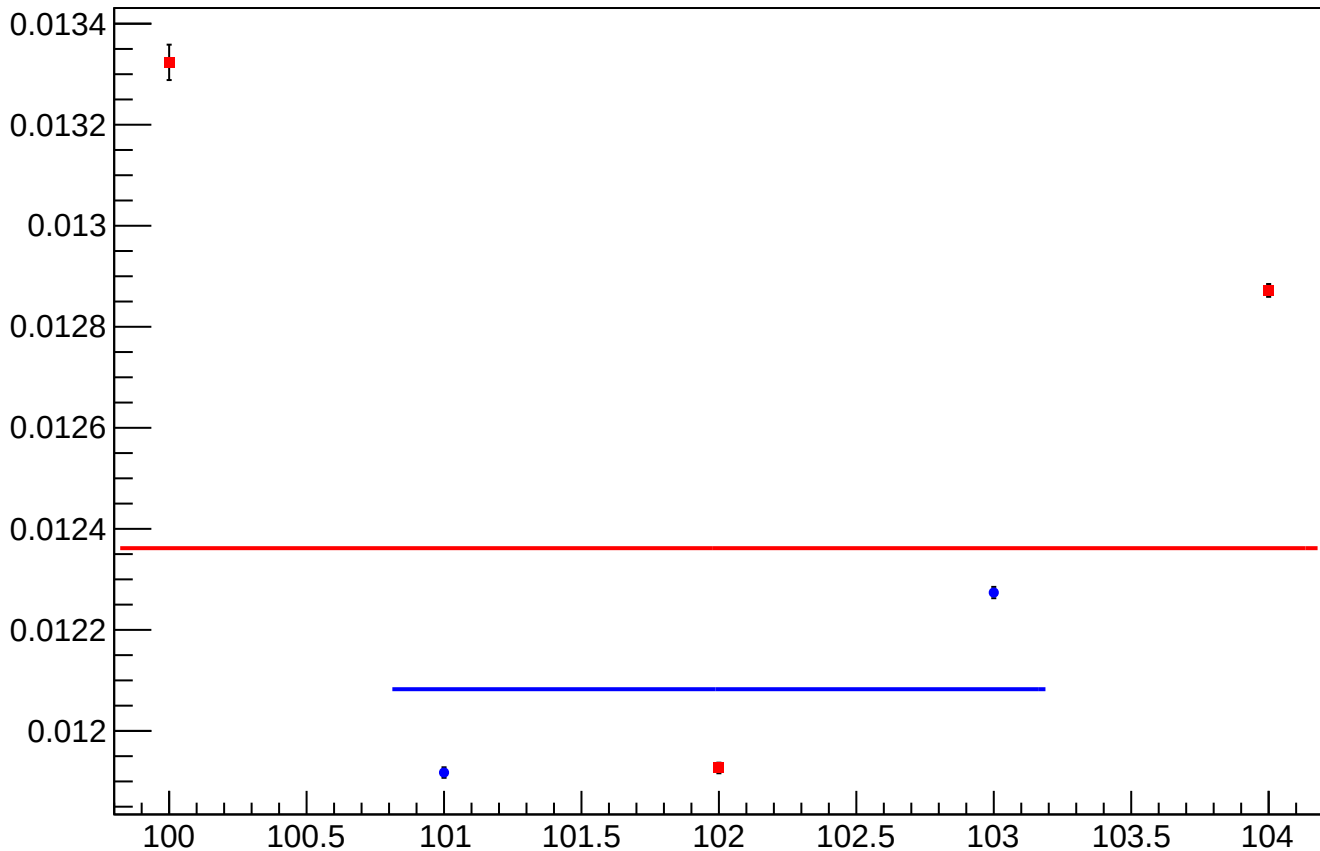
Right: -0.811+/-0.000 χ^2/NDF : 7106339.4/4

In: -0.817+/-0.000 χ^2/NDF : 4061850.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.811+/-0.000 χ^2/NDF : 7106339.4/4

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: 0.012+/-0.000 χ^2/NDF : 4103.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

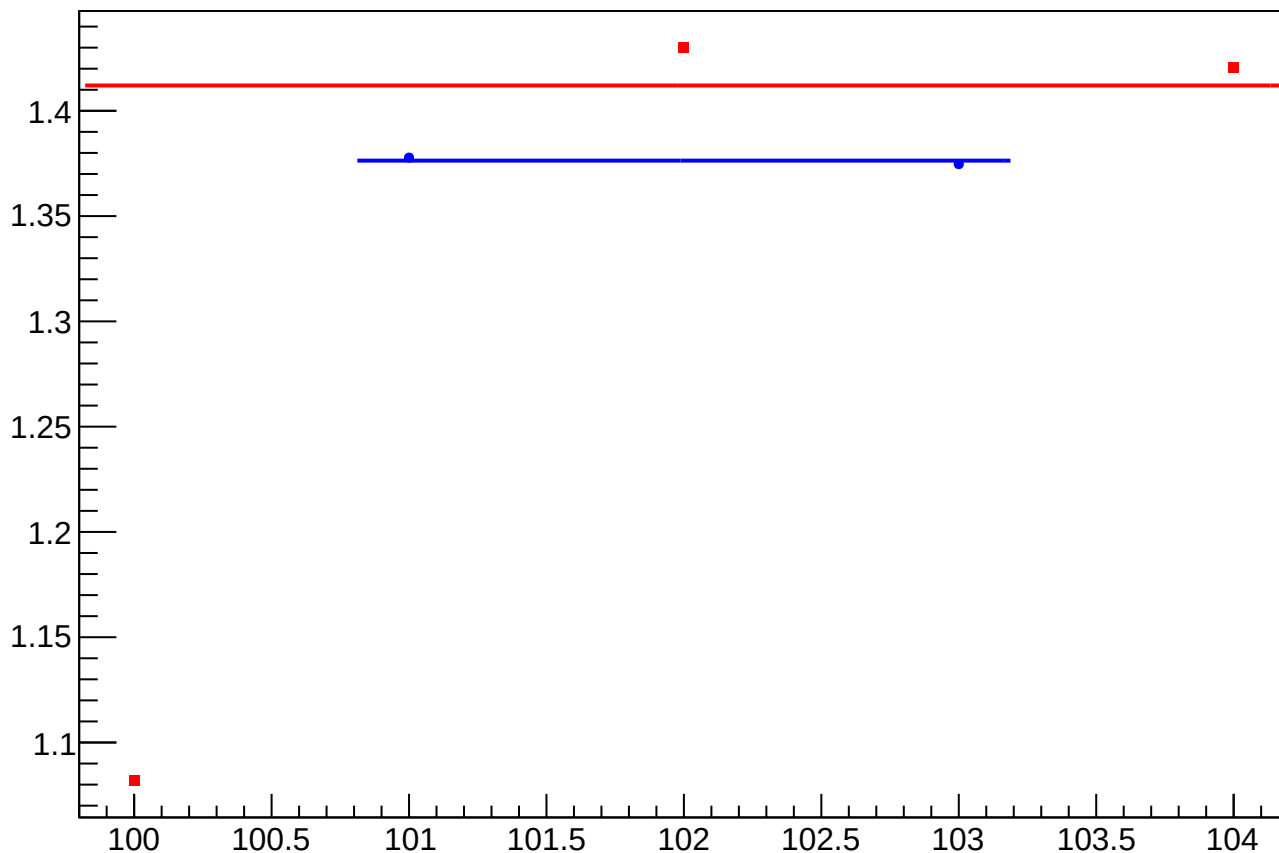
Right: 0.012+/-0.000 χ^2/NDF : 5296.8/4

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 : 5296.8/4

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: 1.412+/-0.000 χ^2/NDF : 157067033.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

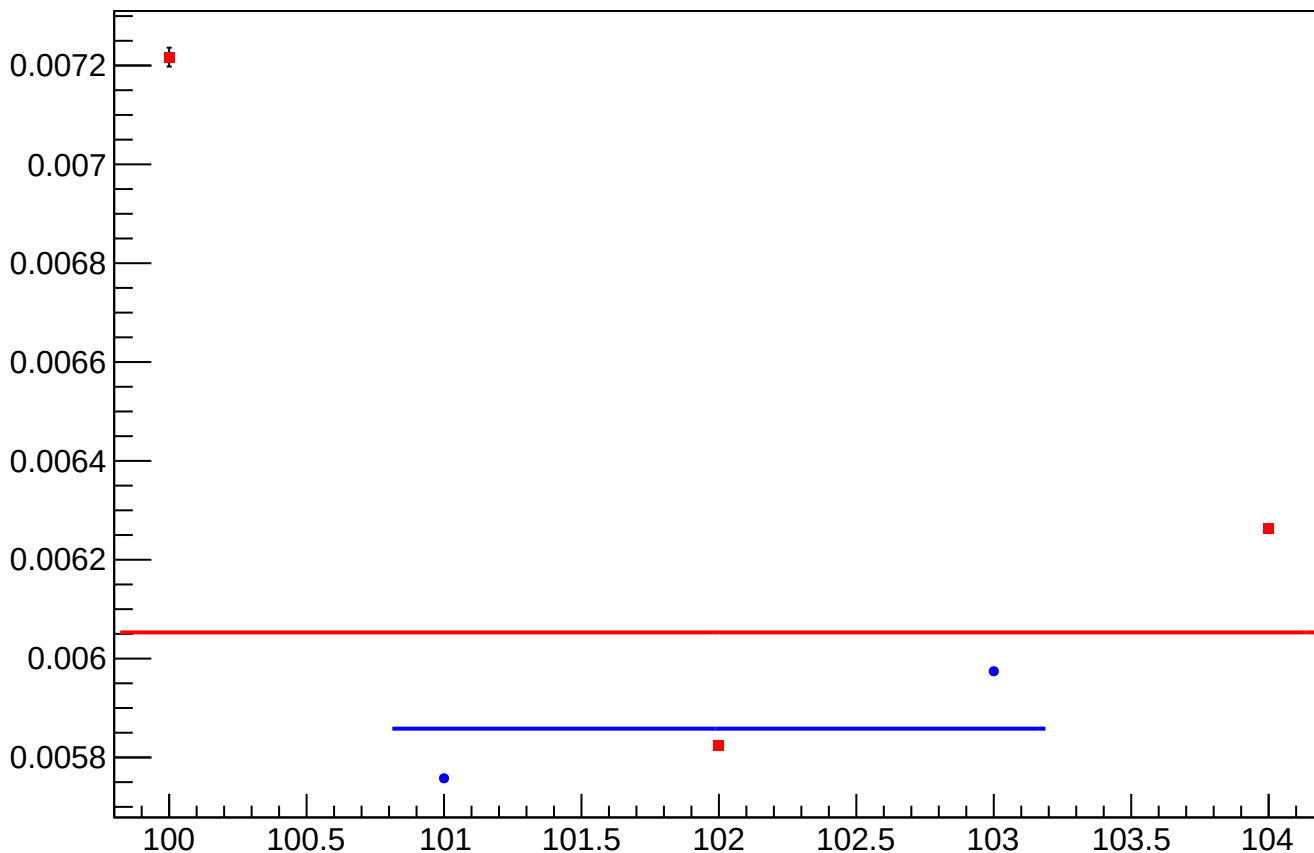
Right: 1.393+/-0.000 χ^2/NDF : 179290467.8/4

In: 1.376+/-0.000 χ^2/NDF : 85831.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.393+/-0.000 χ^2/NDF : 179290467.8/4

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 : 6865.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

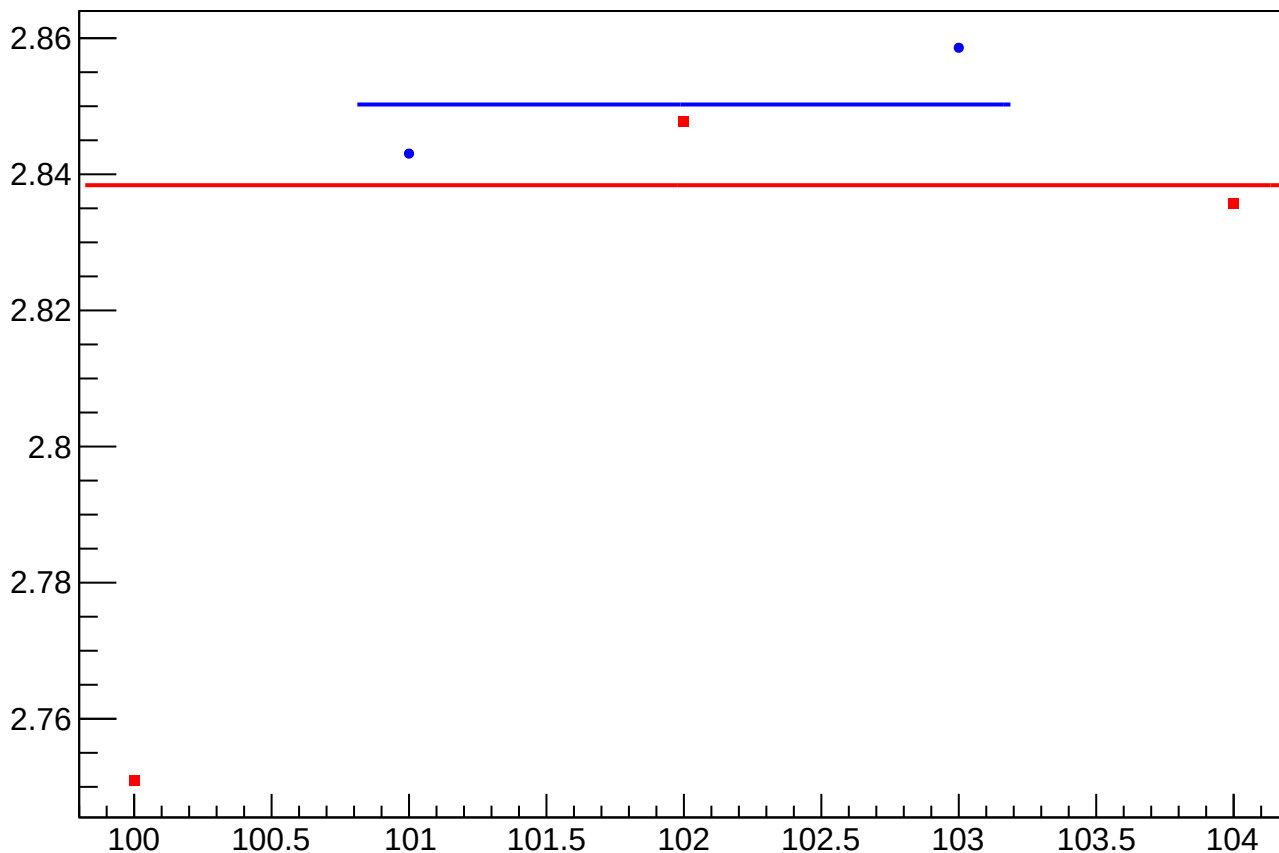
Right: 0.006+/-0.000 χ^2/NDF : 9030.0/4

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 : 9030.0/4

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: 2.838+/-0.000 χ^2/NDF : 7610990.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

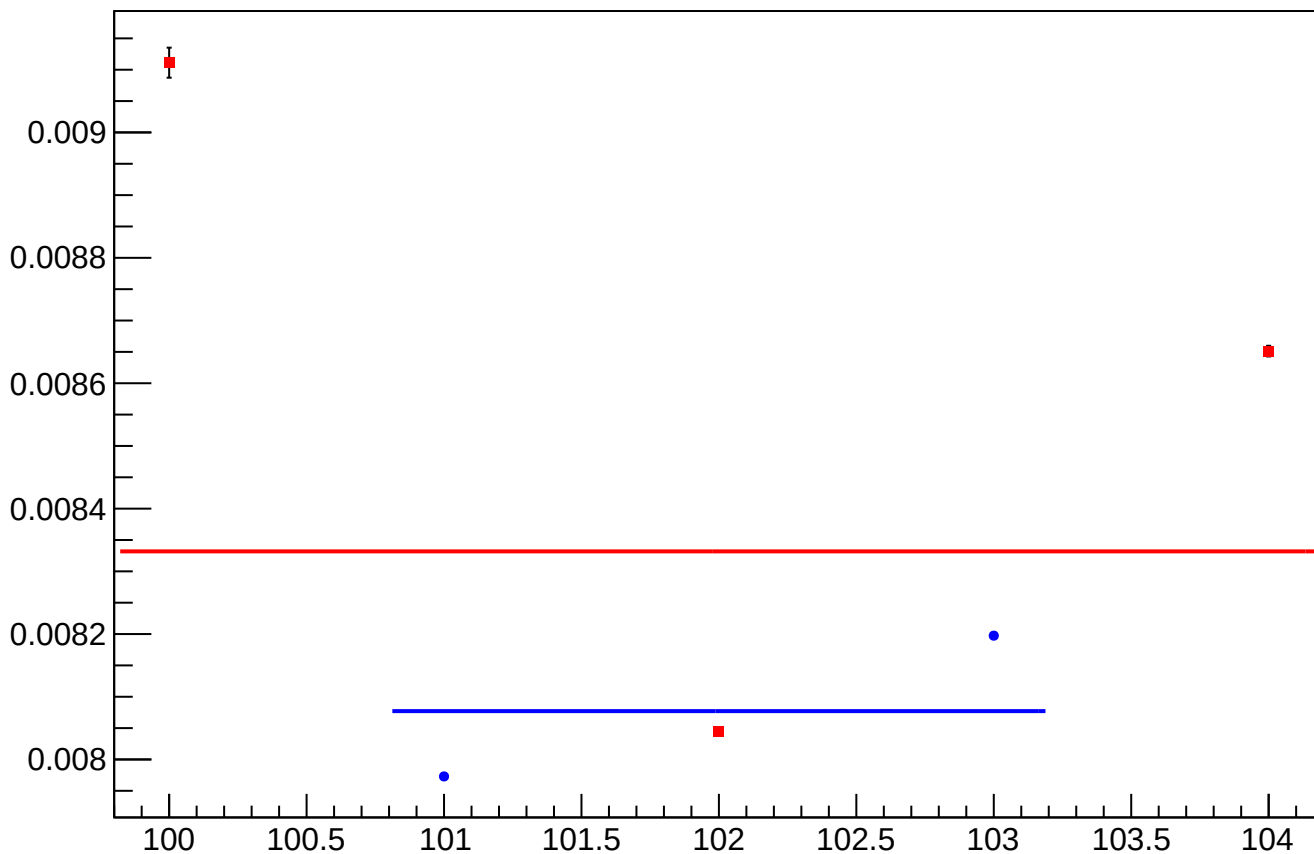
Right: 2.845+/-0.000 χ^2/NDF : 10072243.7/4

In: 2.850+/-0.000 χ^2/NDF : 1159947.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.845+/-0.000 χ^2/NDF : 10072243.7/4

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 : 4132.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

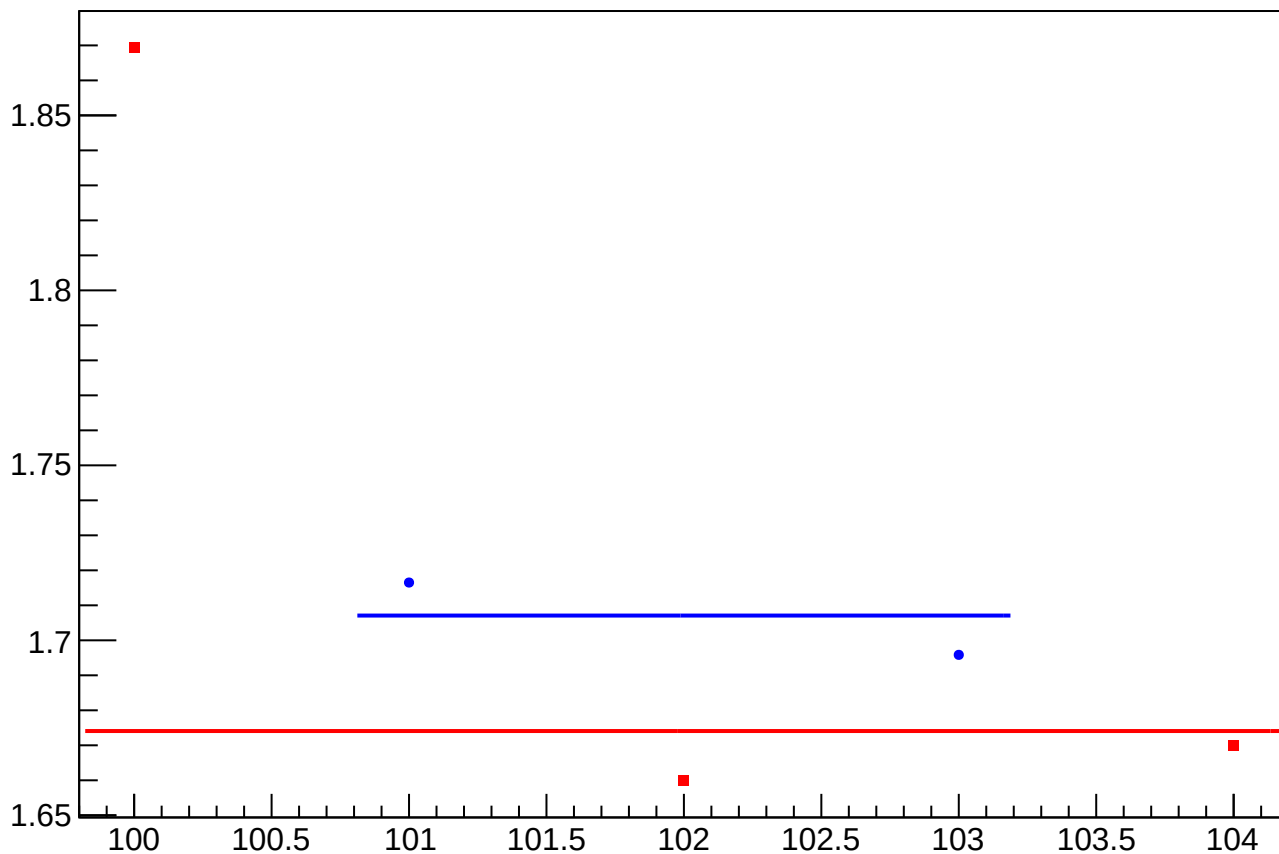
Right: 0.008+/-0.000 χ^2/NDF : 5816.9/4

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 : 5816.9/4

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: 1.674+/-0.000 χ^2/NDF : 88813079.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

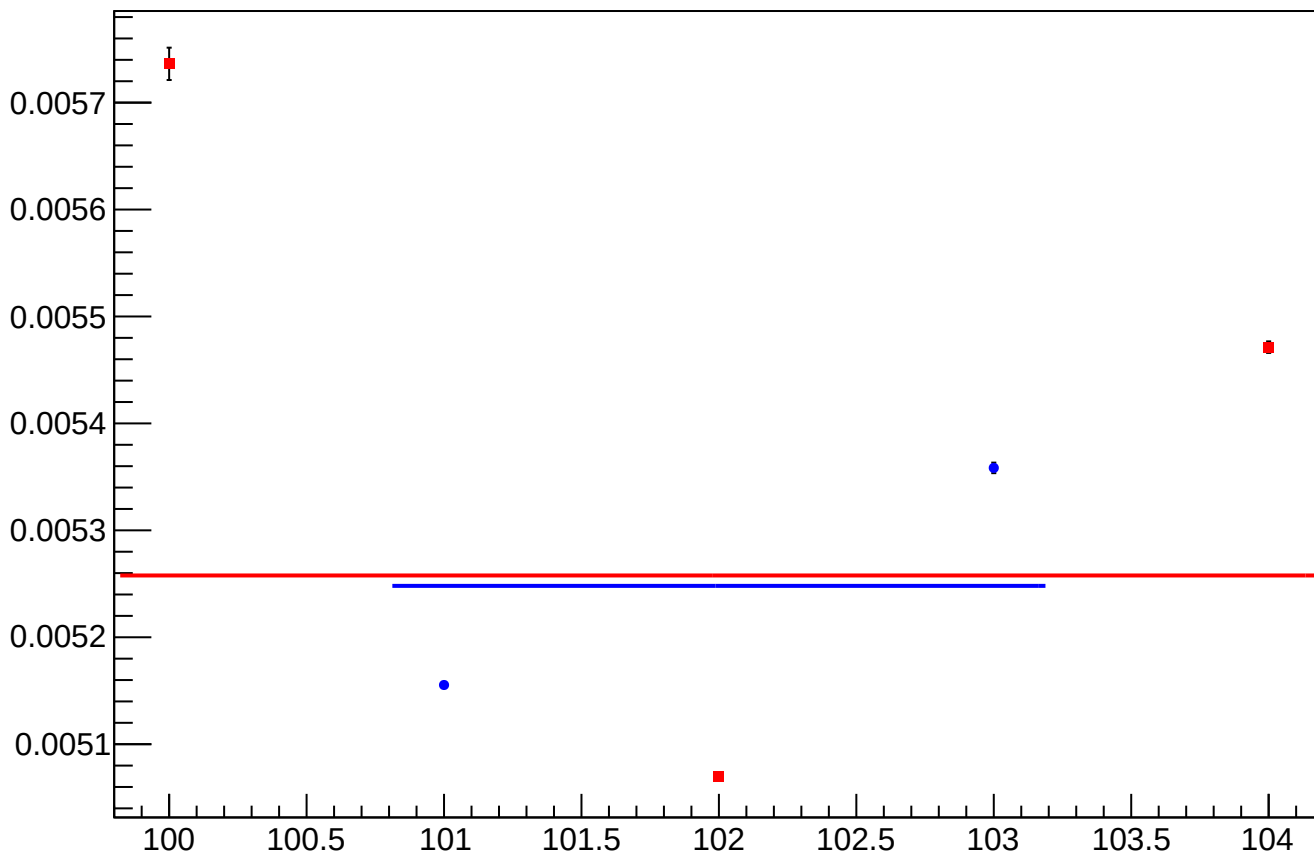
Right: 1.691+/-0.000 χ^2/NDF : 118008163.2/4

In: 1.707+/-0.000 χ^2/NDF : 4780886.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.691+/-0.000 χ^2/NDF : 118008163.2/4

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 : 4342.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

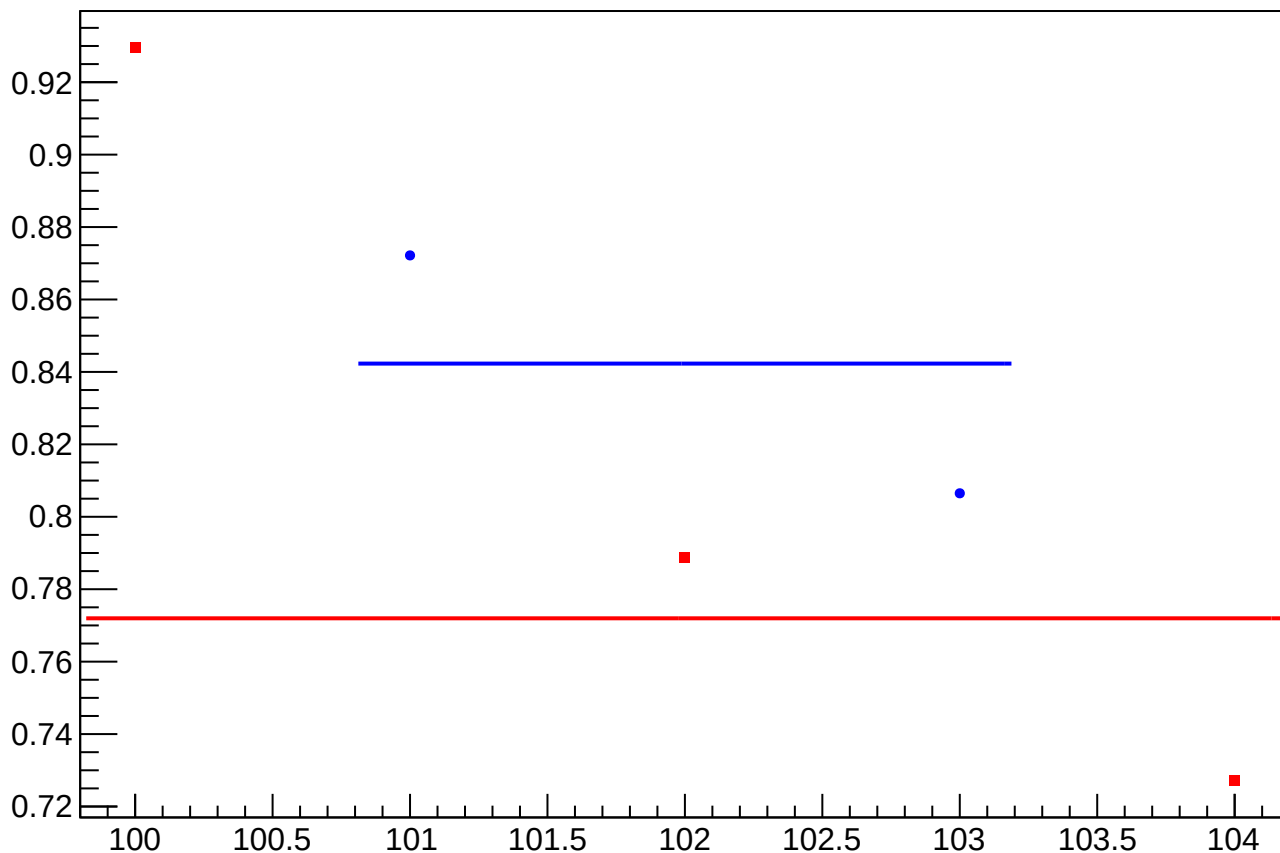
Right: 0.005+/-0.000 χ^2/NDF : 5269.6/4

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 : 5269.6/4

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.842+/-0.000 χ^2/NDF : 6119031.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.772+/-0.000 χ^2/NDF : 12264738.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

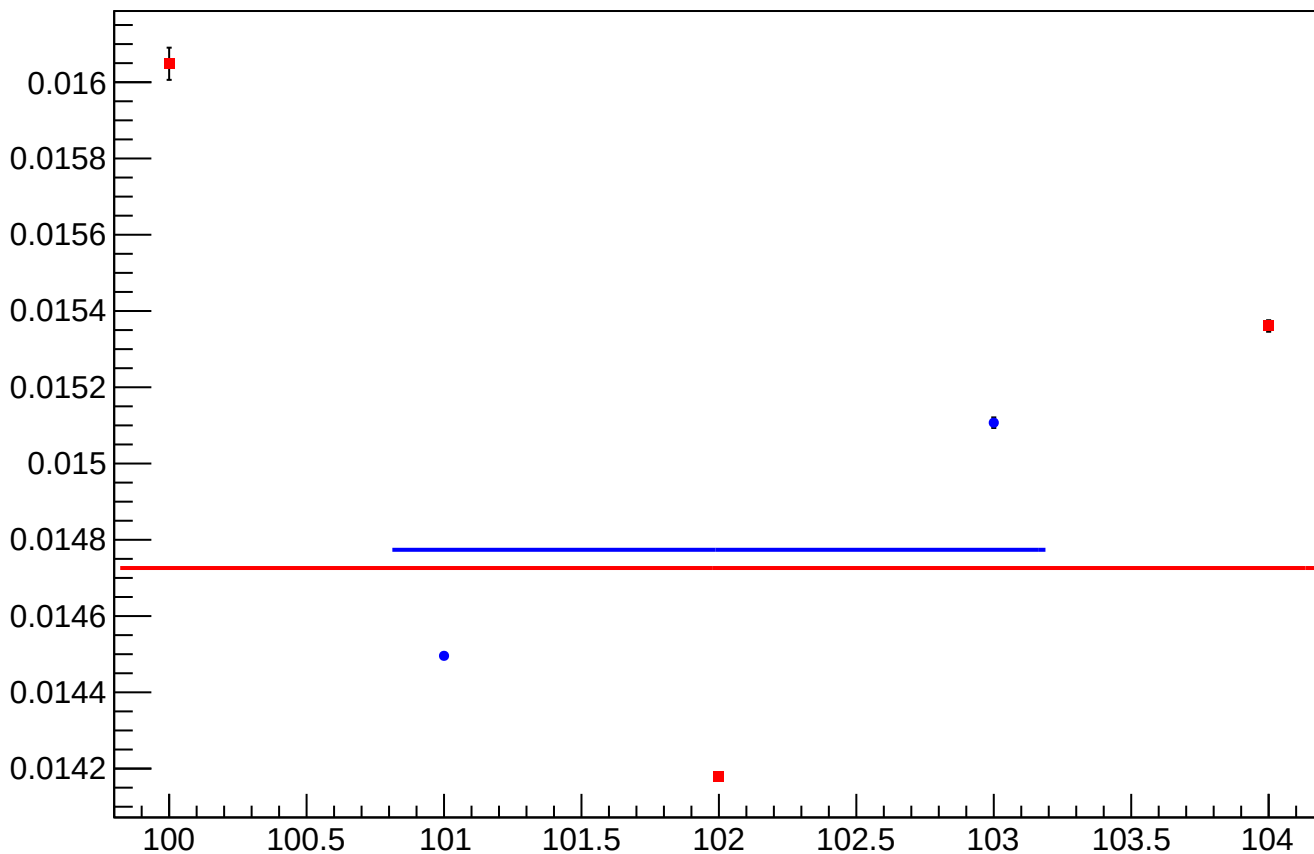
Right: 0.807+/-0.000 χ^2/NDF : 32499394.8/4

In: 0.842+/-0.000 χ^2/NDF : 6119031.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.807+/-0.000 χ^2/NDF : 32499394.8/4

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 : 4665.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

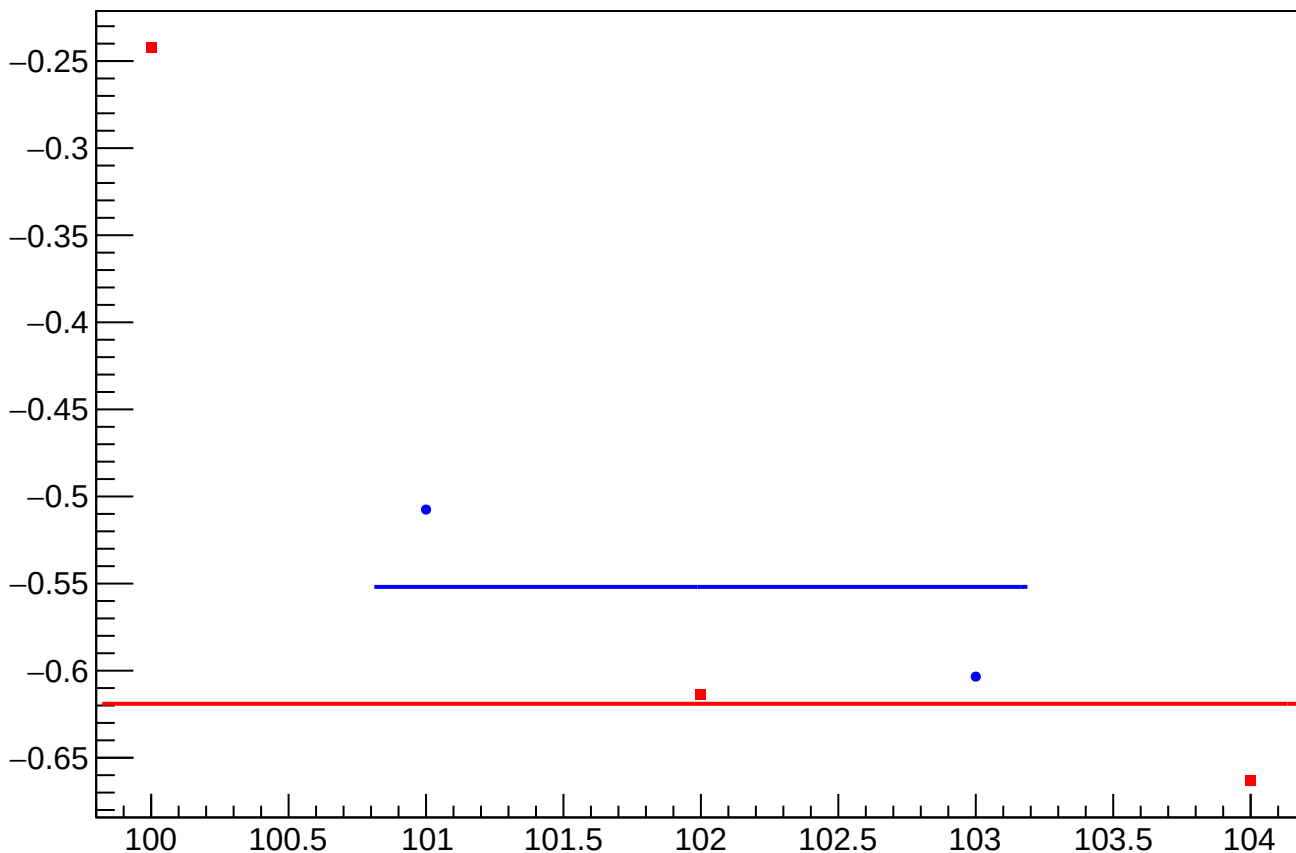
Right: 0.015+/-0.000 χ^2/NDF : 5738.3/4

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 : 5738.3/4

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: -0.619+/-0.000 χ^2/NDF : 466190784.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

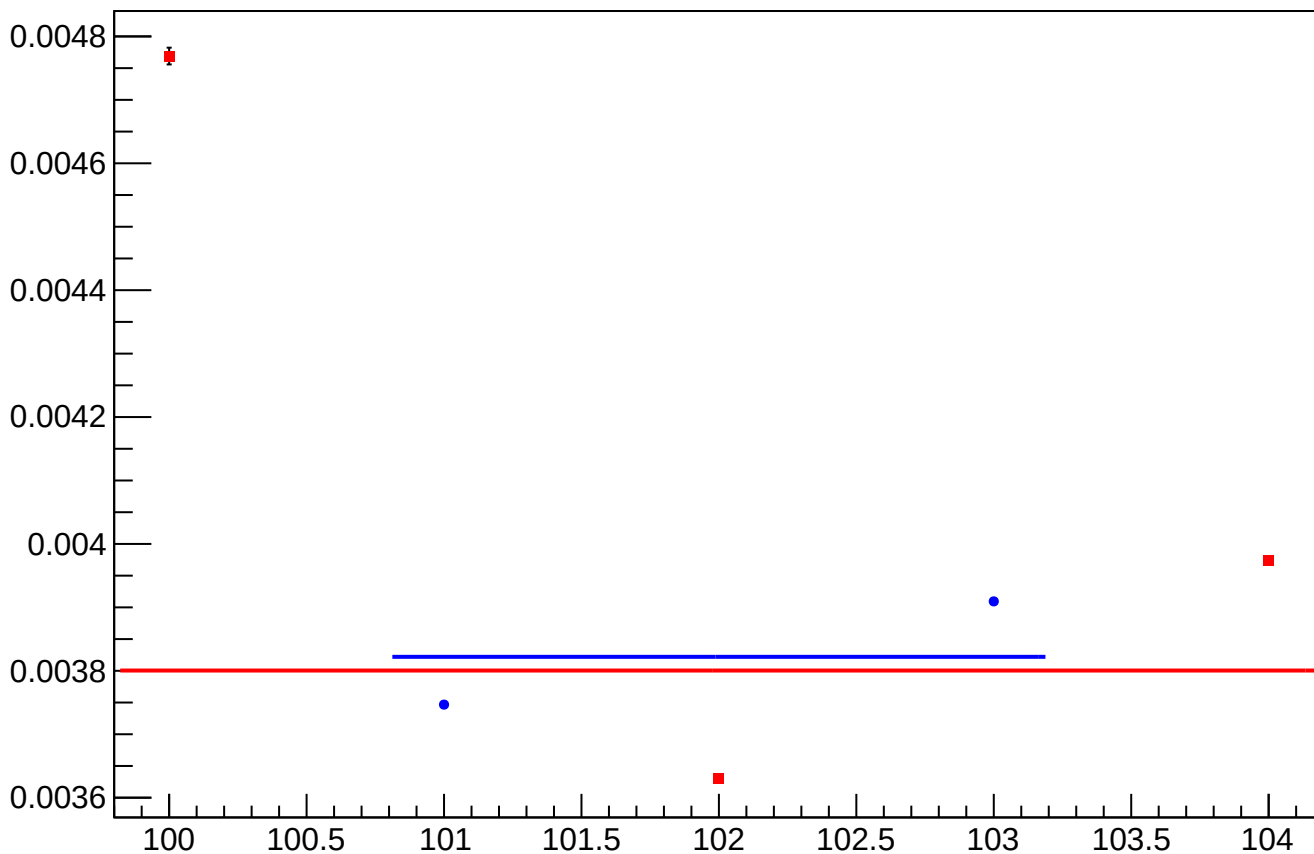
Right: -0.586+/-0.000 χ^2/NDF : 824072831.4/4

In: -0.552+/-0.000 χ^2/NDF : 179465806.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.586+/-0.000 χ^2/NDF : 824072831.4/4

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 : 9922.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

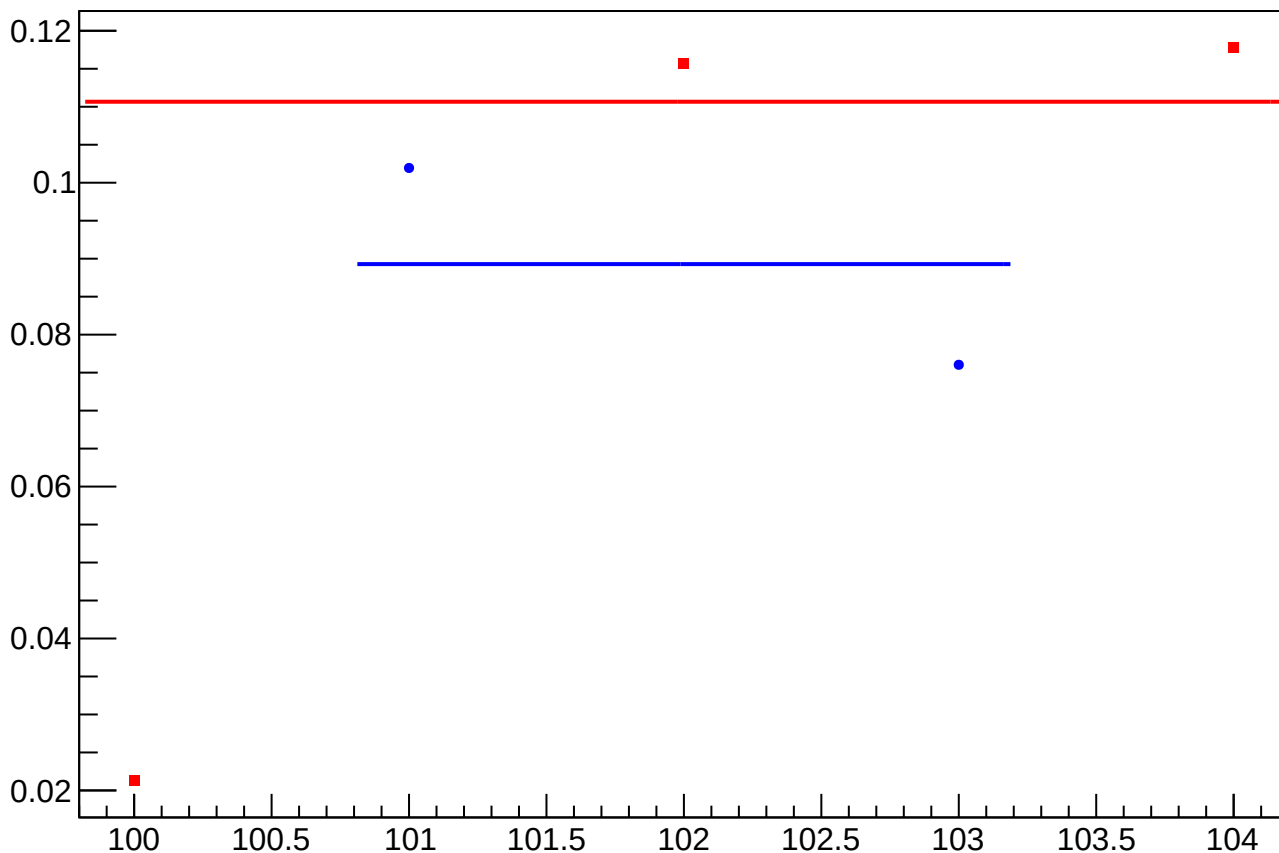
Right: 0.004+/-0.000 χ^2/NDF : 10993.3/4

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 : 10993.3/4

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.089+/-0.000 χ^2/NDF : 82794414.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.111+/-0.000 χ^2/NDF : 327087590.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

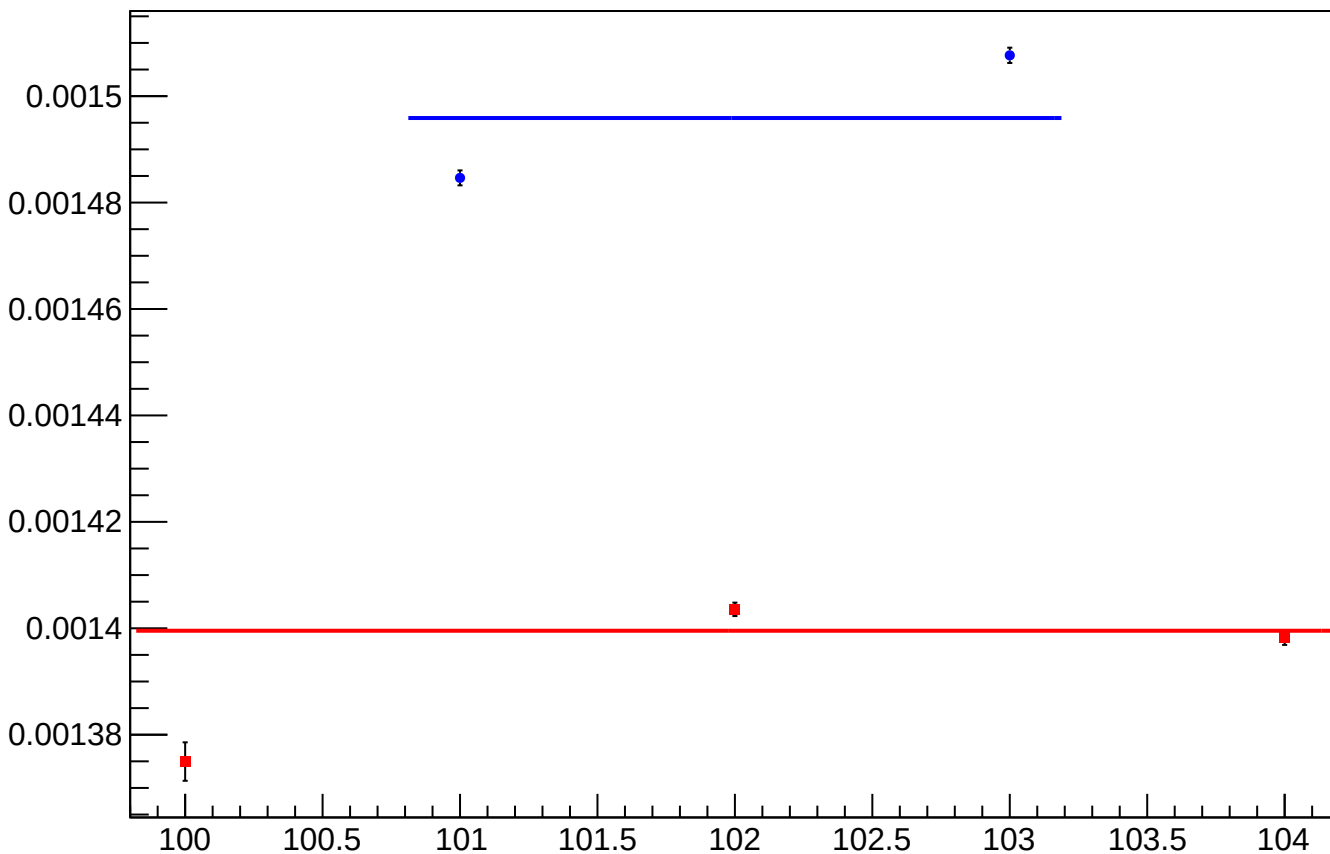
Right: 0.101+/-0.000 χ^2/NDF : 534516146.9/4

In: 0.089+/-0.000 χ^2/NDF : 82794414.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.101+/-0.000 χ^2/NDF : 534516146.9/4

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 : 57.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

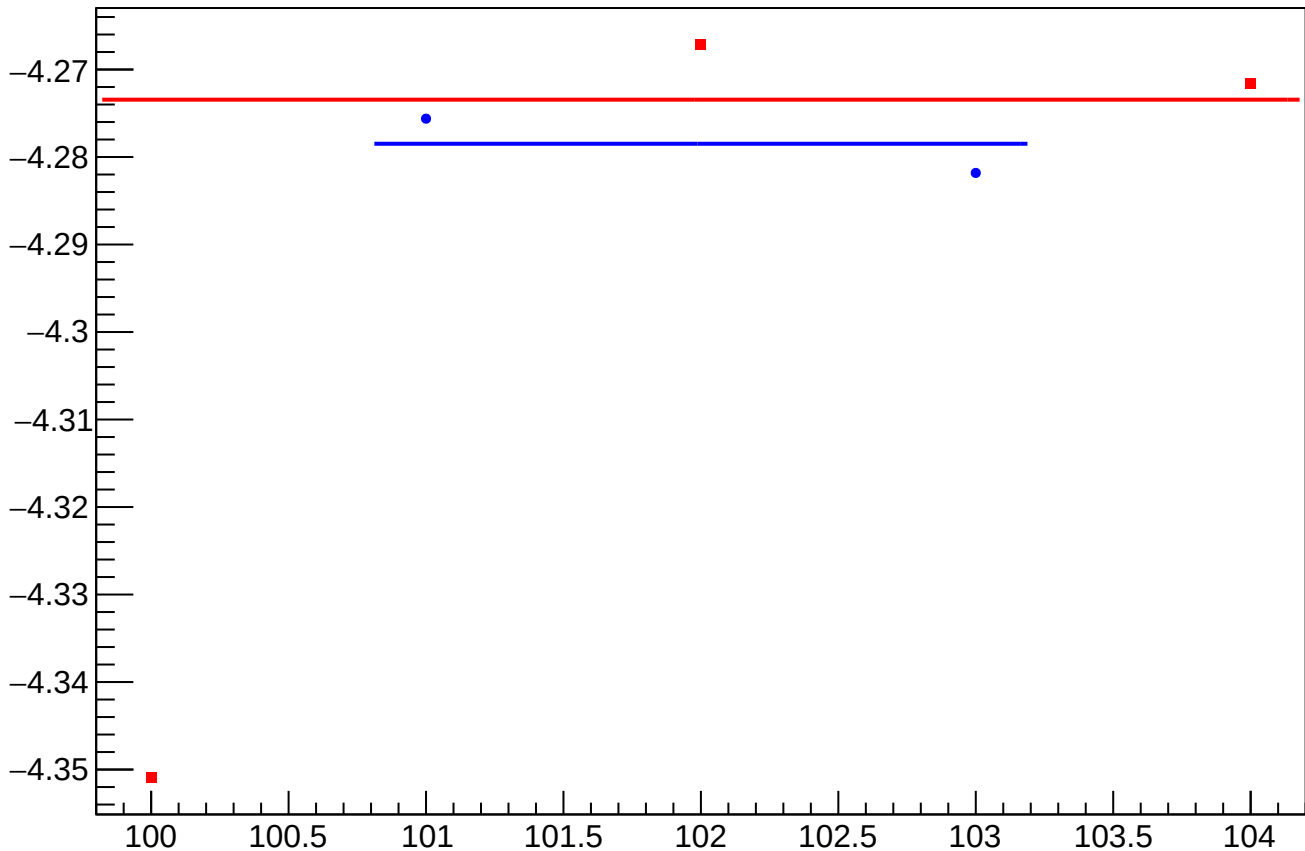
Right: 0.001+/-0.000 χ^2/NDF : 5252.9/4

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 : 5252.9/4

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: -4.273+/-0.000 χ^2/NDF : 103515551.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

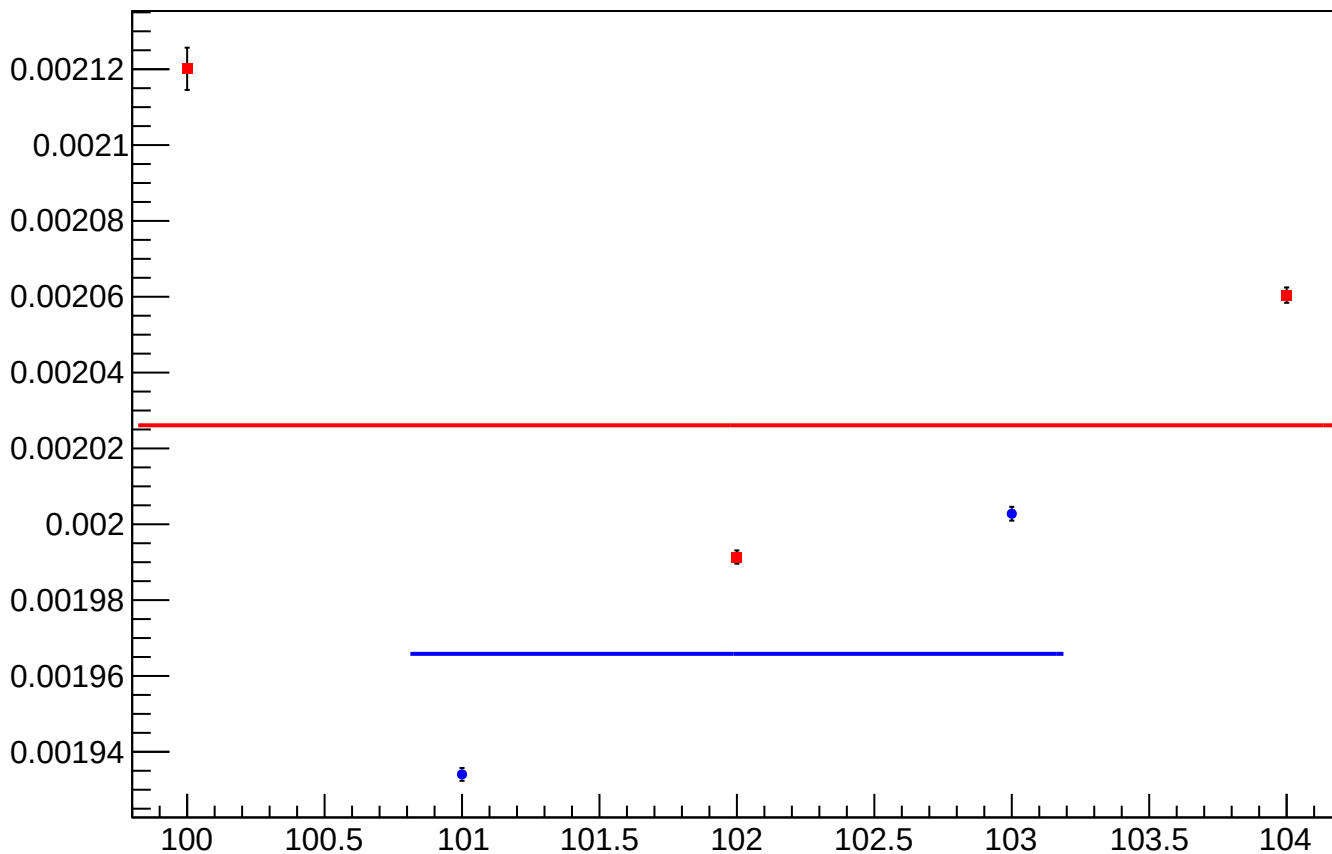
Right: -4.276+/-0.000 χ^2/NDF : 110576991.2/4

In: -4.278+/-0.000 χ^2/NDF : 3098336.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.276+/-0.000 χ^2/NDF : 110576991.2/4

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 : 965.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

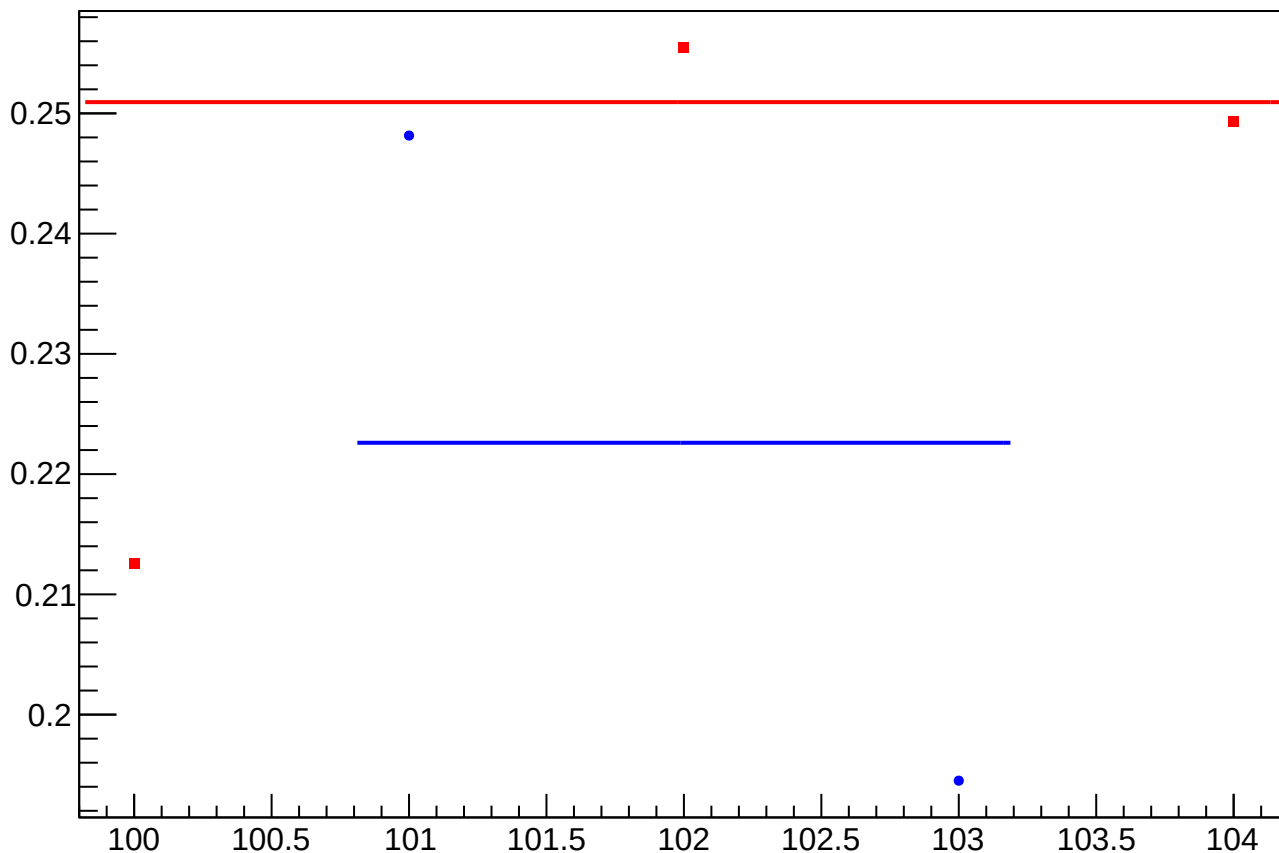
Right: 0.002+/-0.000 χ^2/NDF : 2861.2/4

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 : 2861.2/4

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: 0.251+/-0.000 χ^2/NDF : 1322382.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

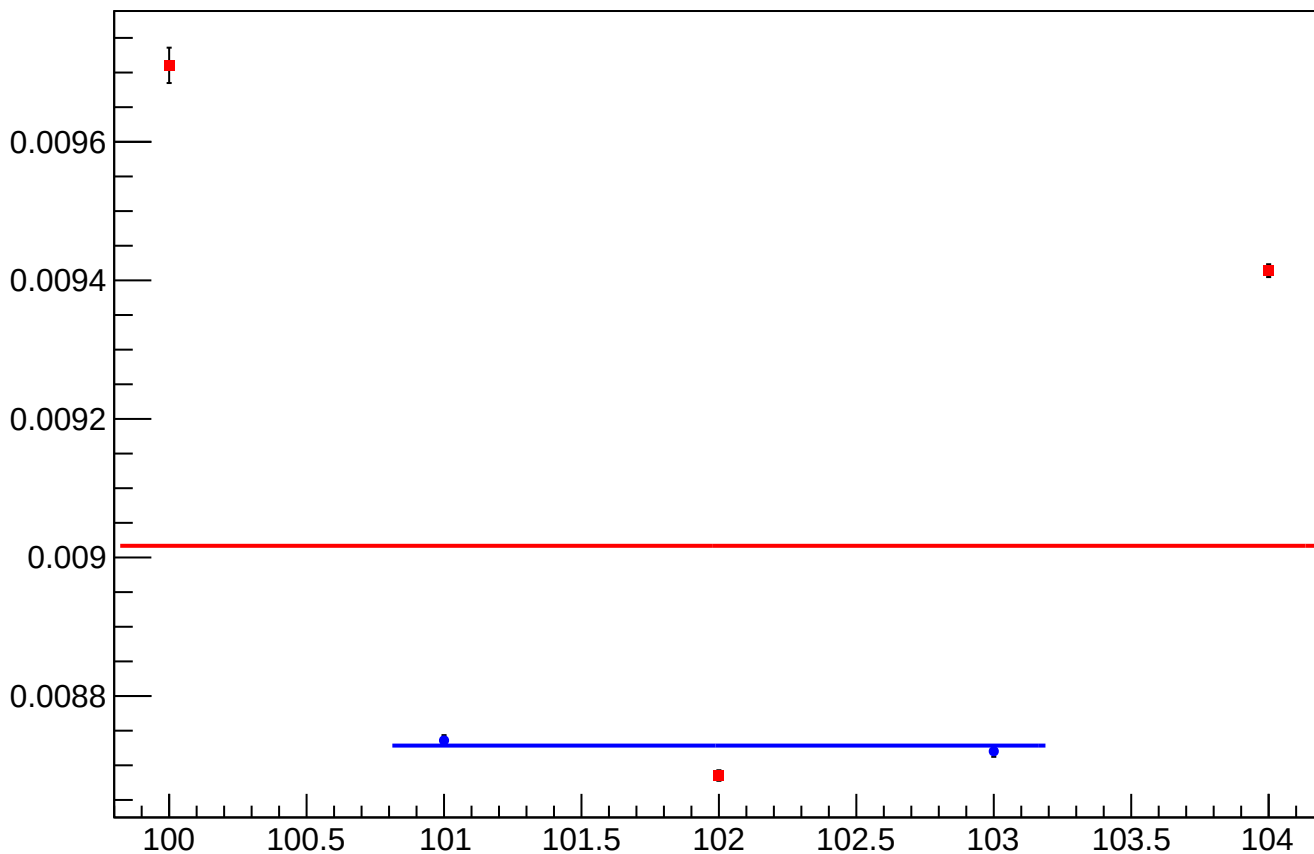
Right: 0.236+/-0.000 χ^2/NDF : 19434109.5/4

In: 0.223+/-0.000 χ^2/NDF : 11778675.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.236+/-0.000 χ^2/NDF : 19434109.5/4

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: 0.009+/-0.000 χ^2/NDF : 4471.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

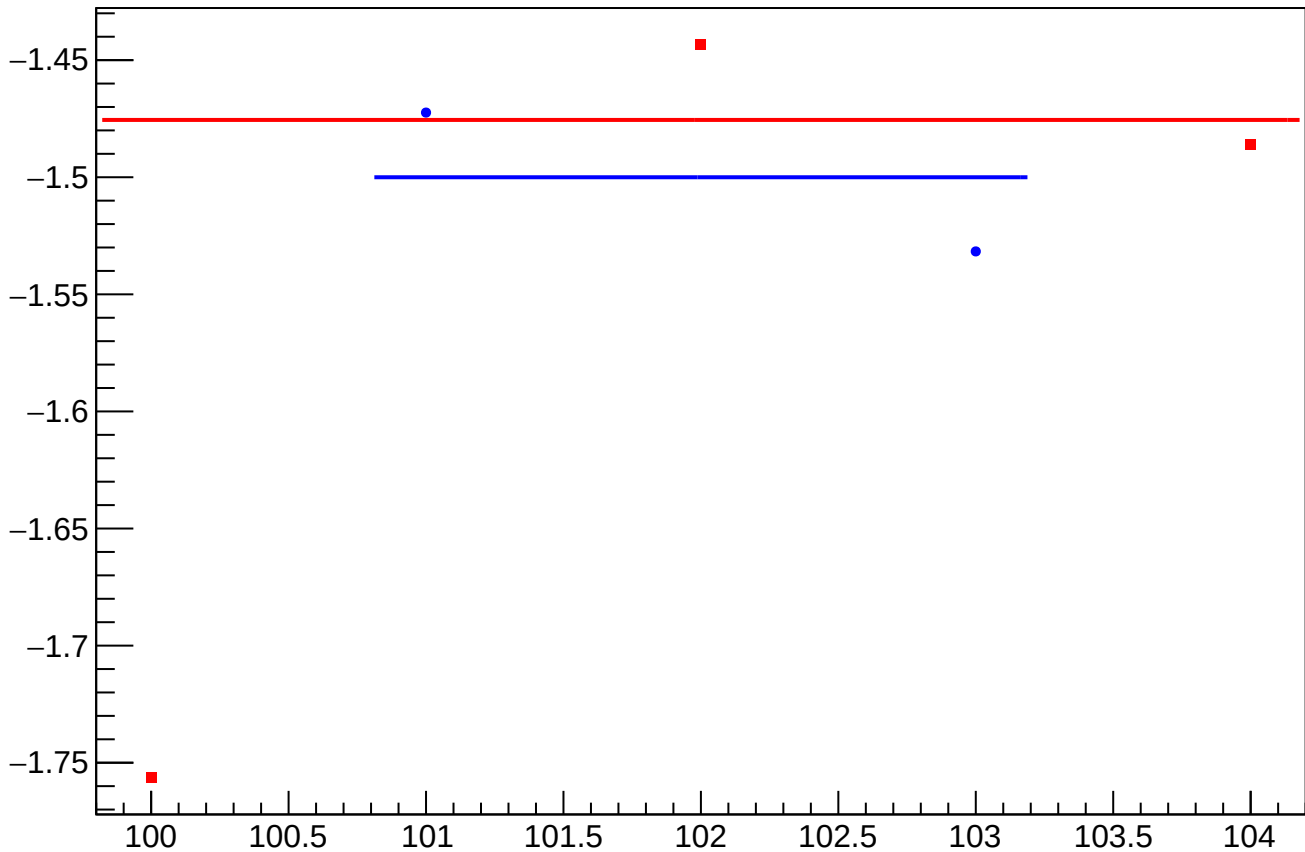
Right: 0.009+/-0.000 χ^2/NDF : 5786.1/4

In: 0.009+/-0.000 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 5786.1/4

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: -1.476+/-0.000 χ^2/NDF : 160549248.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

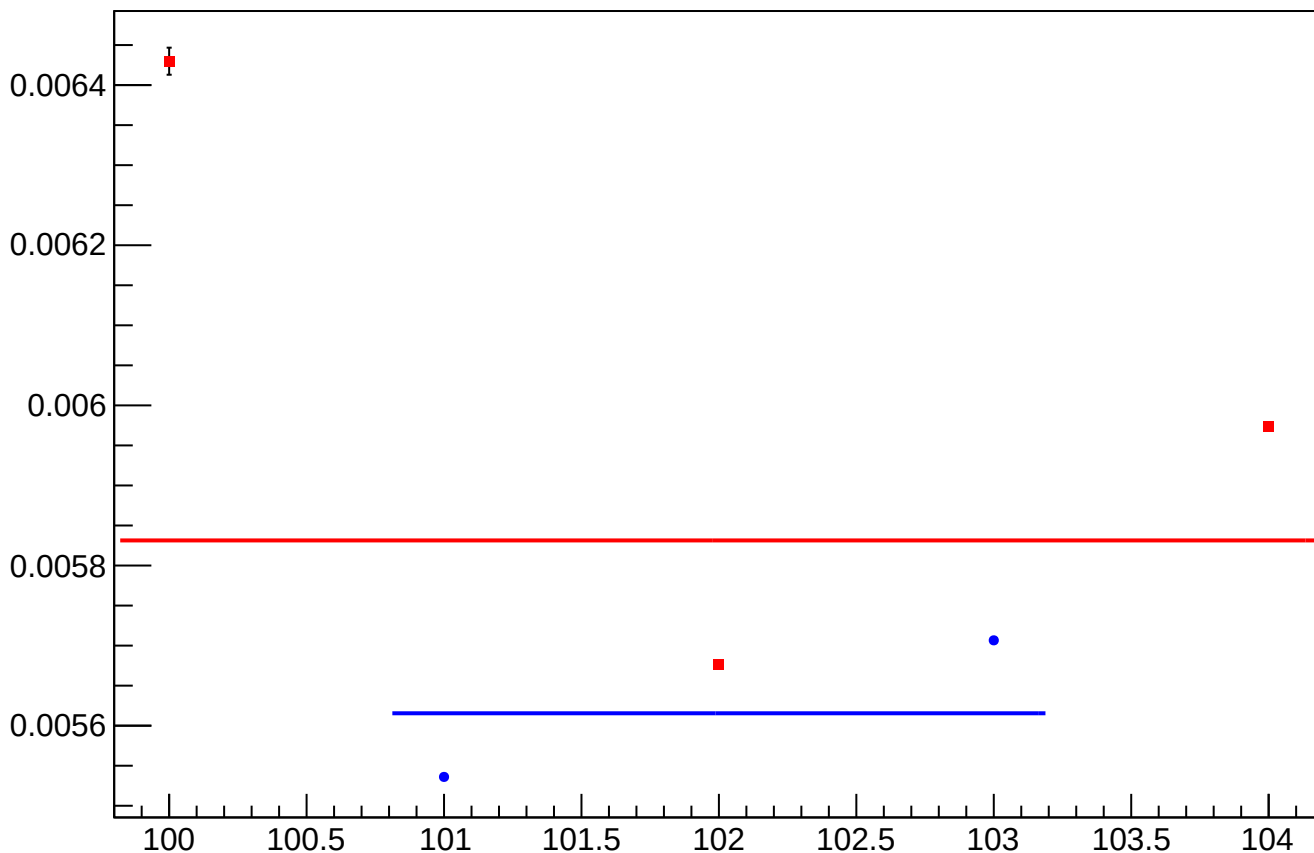
Right: -1.488+/-0.000 χ^2/NDF : 206732304.6/4

In: -1.500+/-0.000 χ^2/NDF : 34797329.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.488+/-0.000 χ^2/NDF : 206732304.6/4

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 : 2803.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

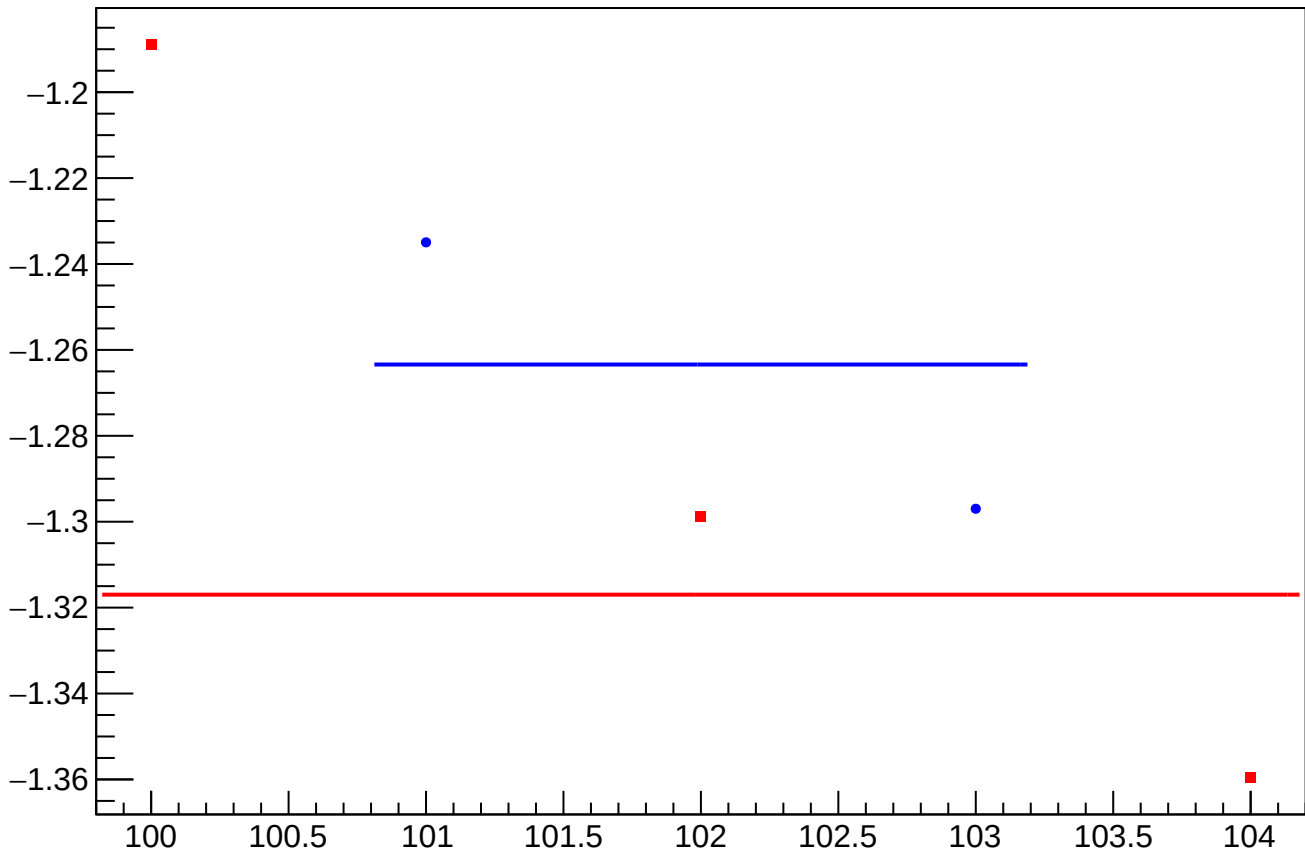
Right: 0.006+/-0.000 χ^2/NDF : 5151.0/4

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 : 5151.0/4

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: -1.317+/-0.000 χ^2/NDF : 20585005.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

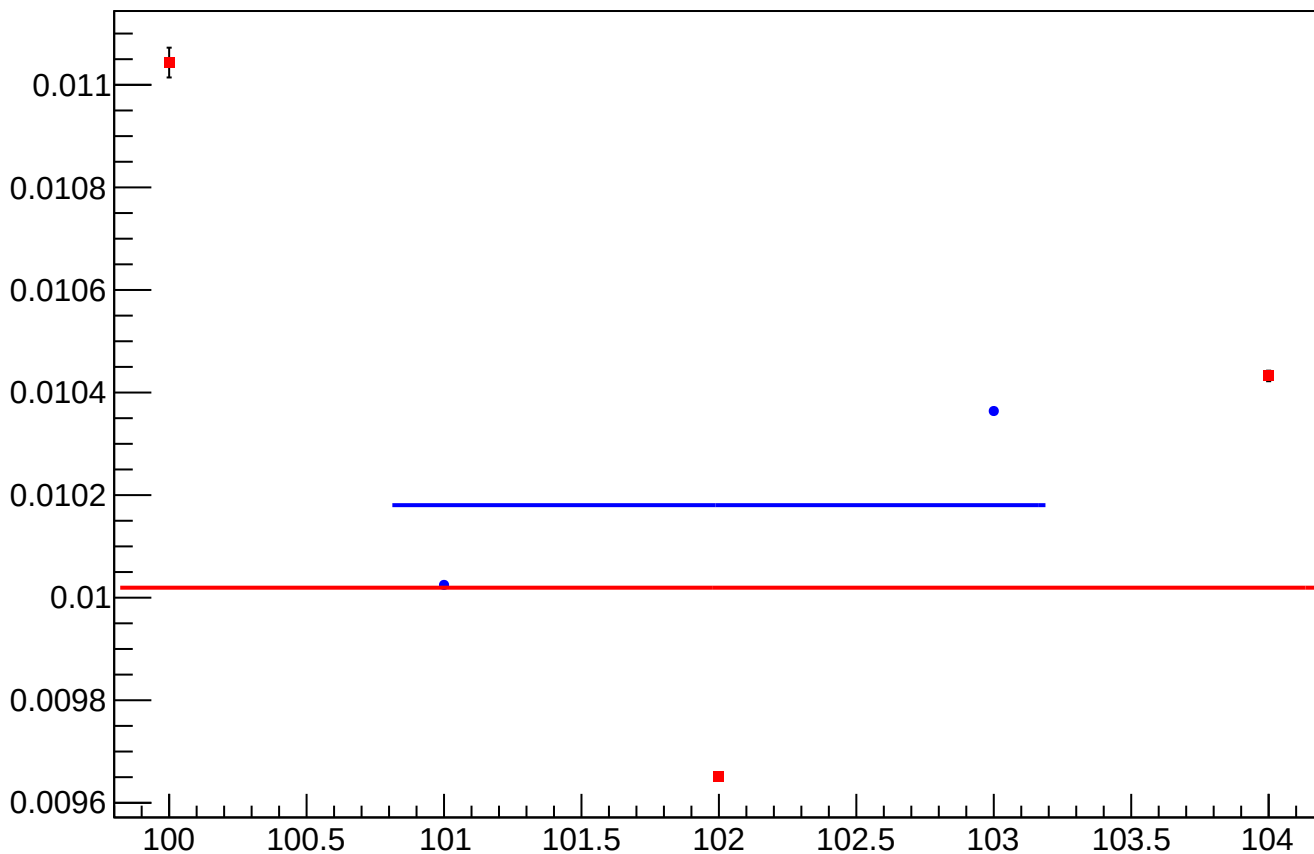
Right: -1.290+/-0.000 χ^2/NDF : 49483649.2/4

In: -1.263+/-0.000 χ^2/NDF : 11468426.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.290+/-0.000 χ^2/NDF : 49483649.2/4

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 : 4741.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

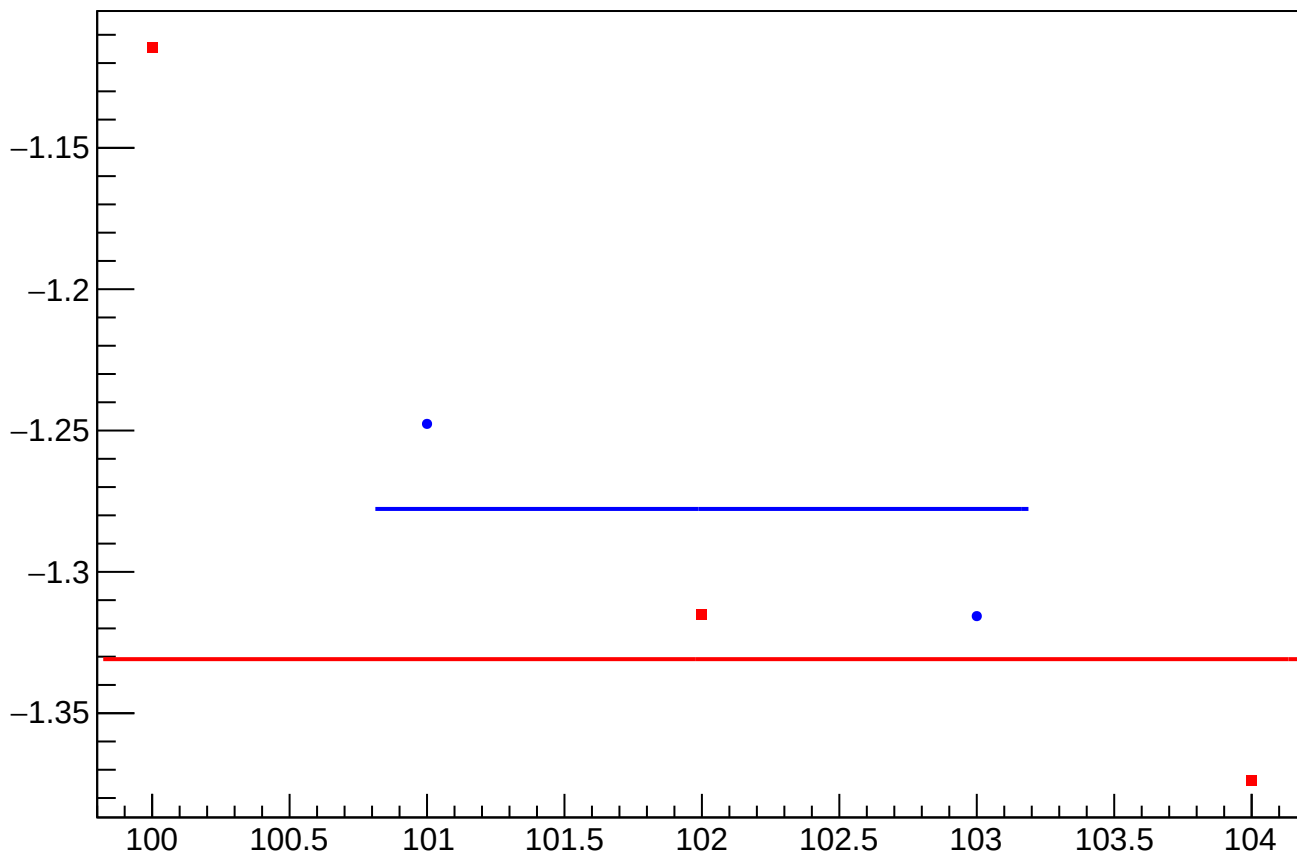
Right: 0.010+/-0.000 χ^2/NDF : 5741.3/4

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 : 5741.3/4

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: -1.331+/-0.000 χ^2/NDF : 1271815493.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

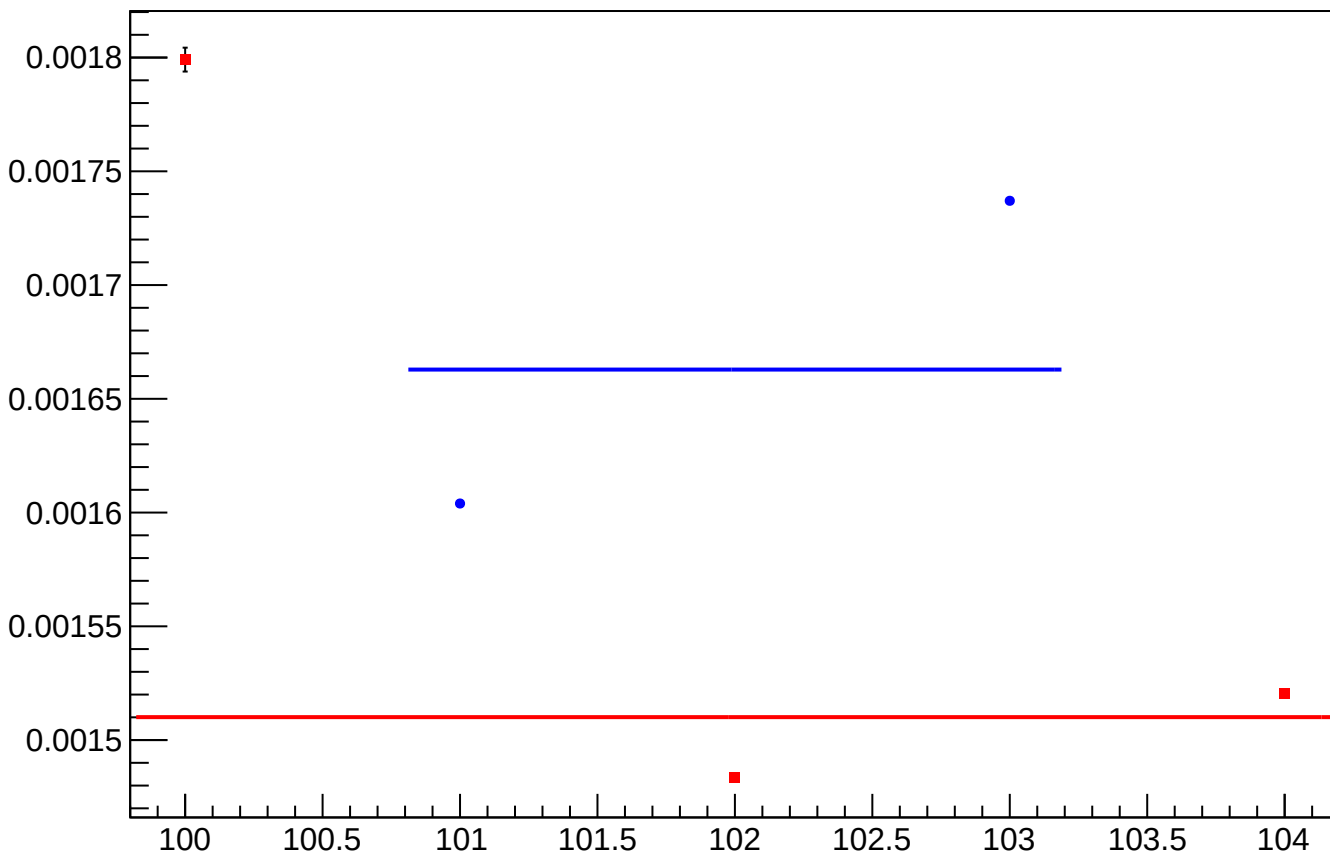
Right: -1.307+/-0.000 χ^2/NDF : 2333708280.6/4

In: -1.278+/-0.000 χ^2/NDF : 449694222.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.307+/-0.000 χ^2/NDF : 2333708280.6/4

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 : 3460.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

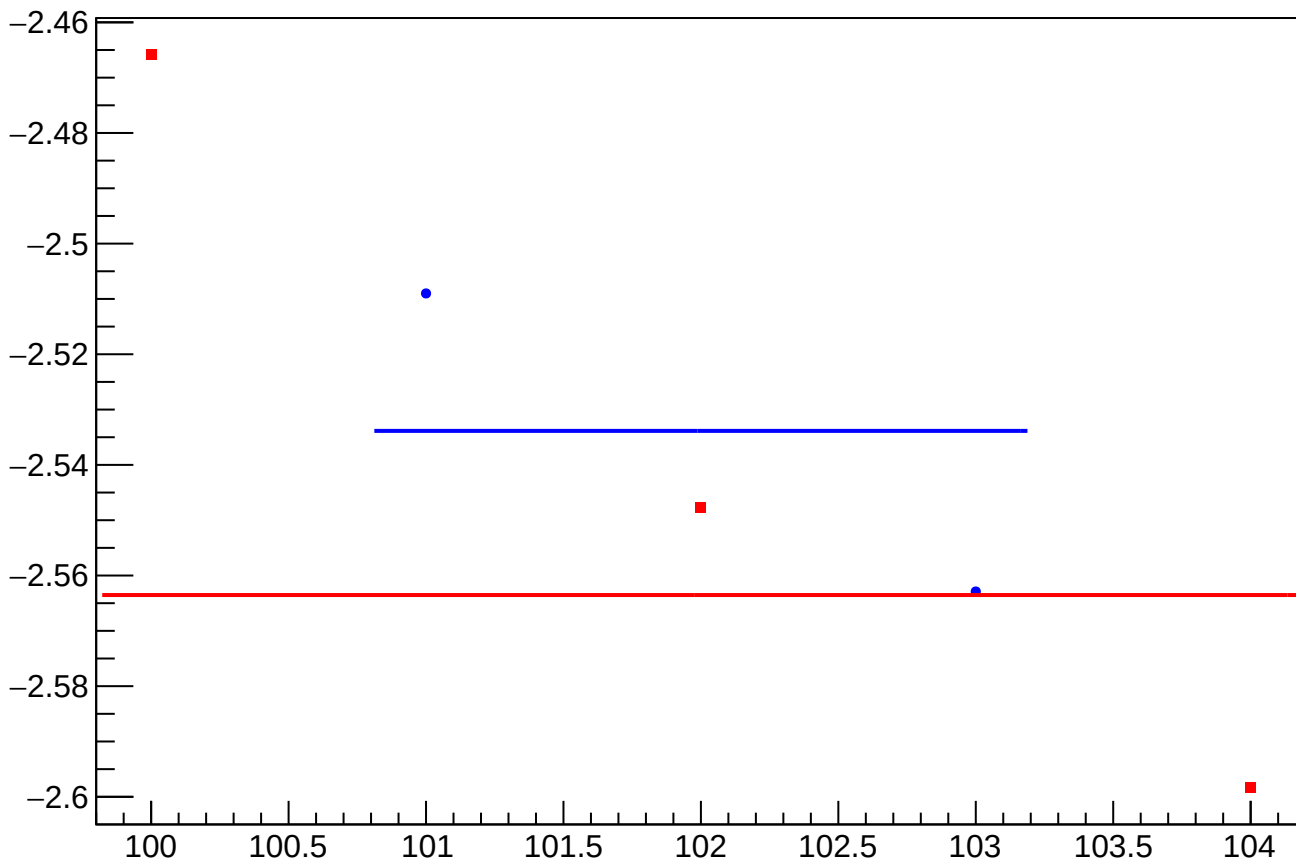
Right: 0.002+/-0.000 χ^2/NDF : 17022.8/4

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 : 17022.8/4

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: -2.564+/-0.000 χ^2/NDF : 41775664.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

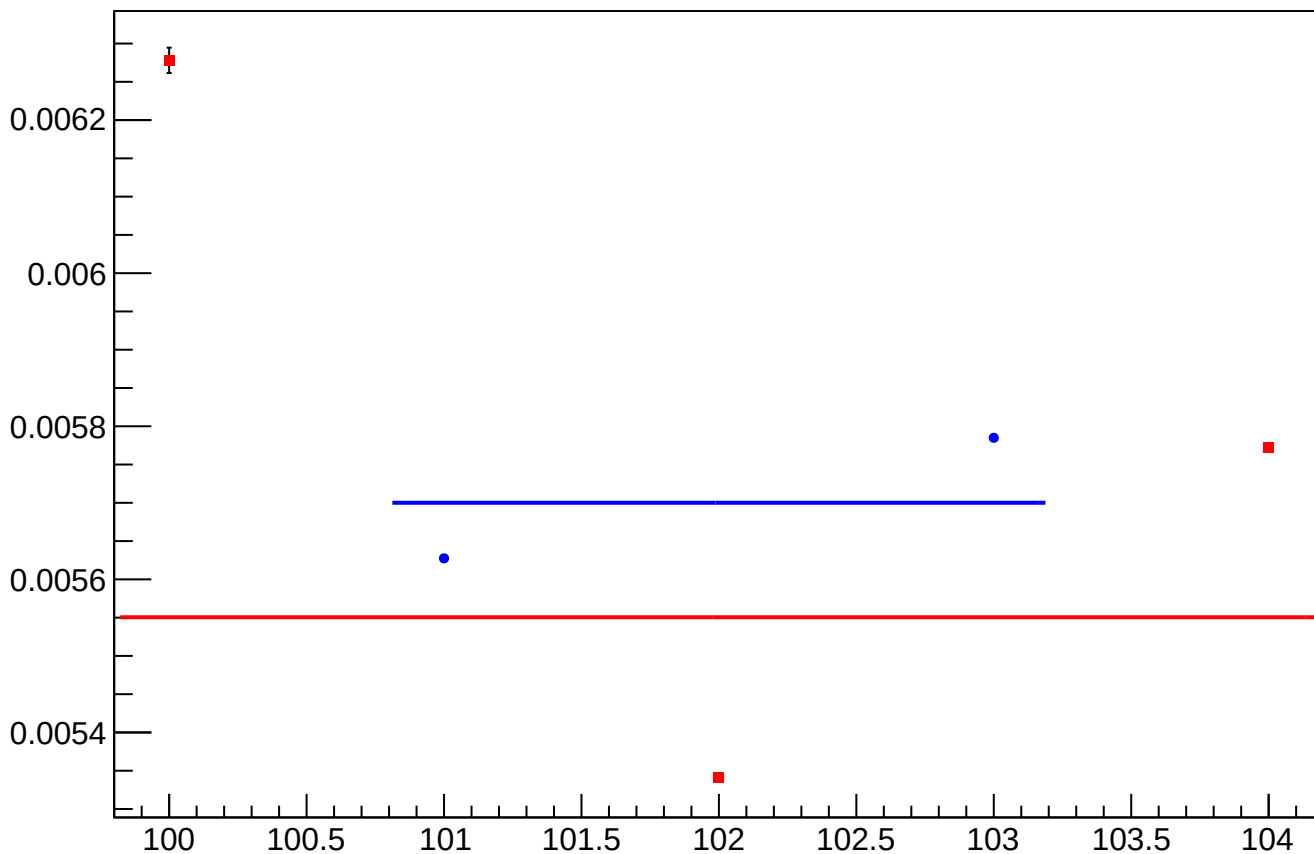
Right: -2.549+/-0.000 χ^2/NDF : 86323428.7/4

In: -2.534+/-0.000 χ^2/NDF : 27408658.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.549+/-0.000 χ^2/NDF : 86323428.7/4

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 : 5431.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

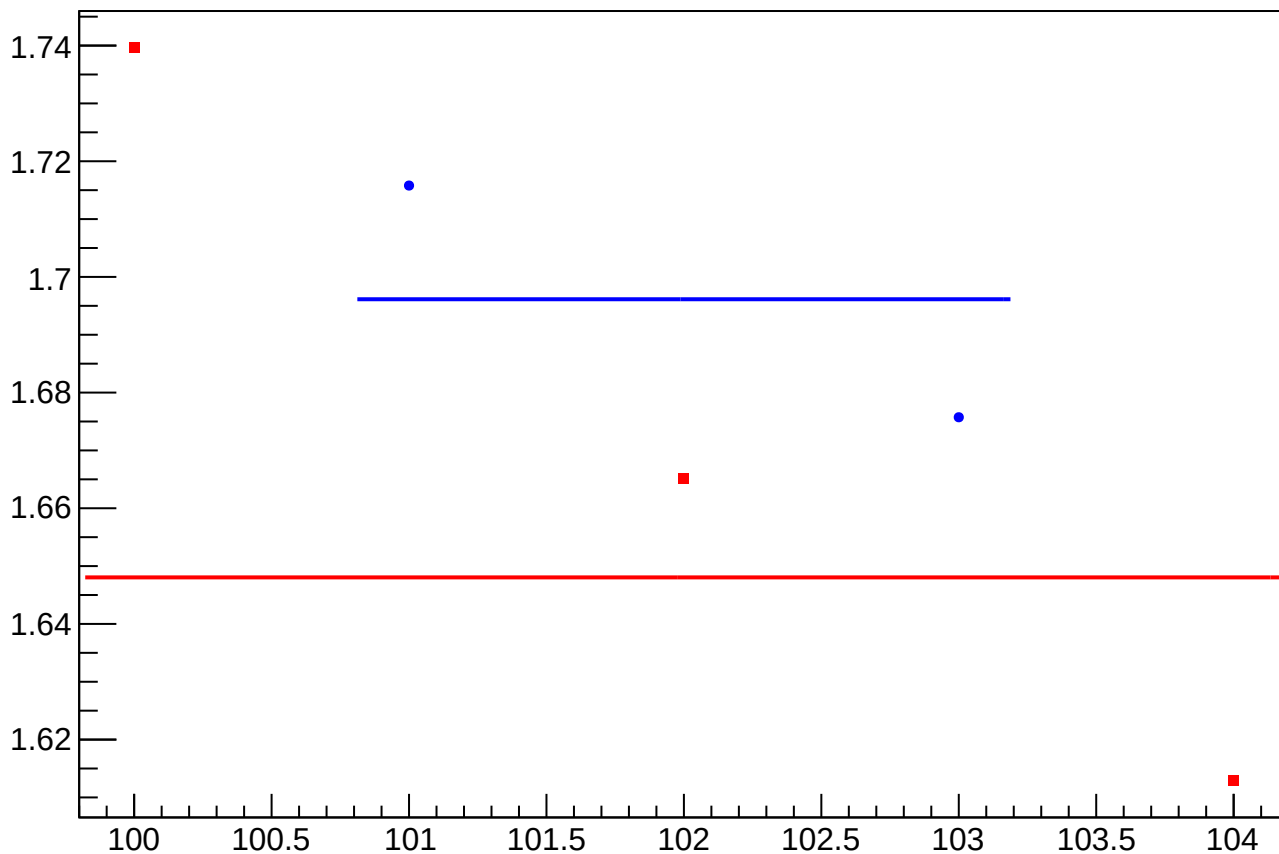
Right: 0.006+/-0.000 χ^2/NDF : 6770.5/4

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 : 6770.5/4

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: 1.648+/-0.000 χ^2/NDF : 244366877.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

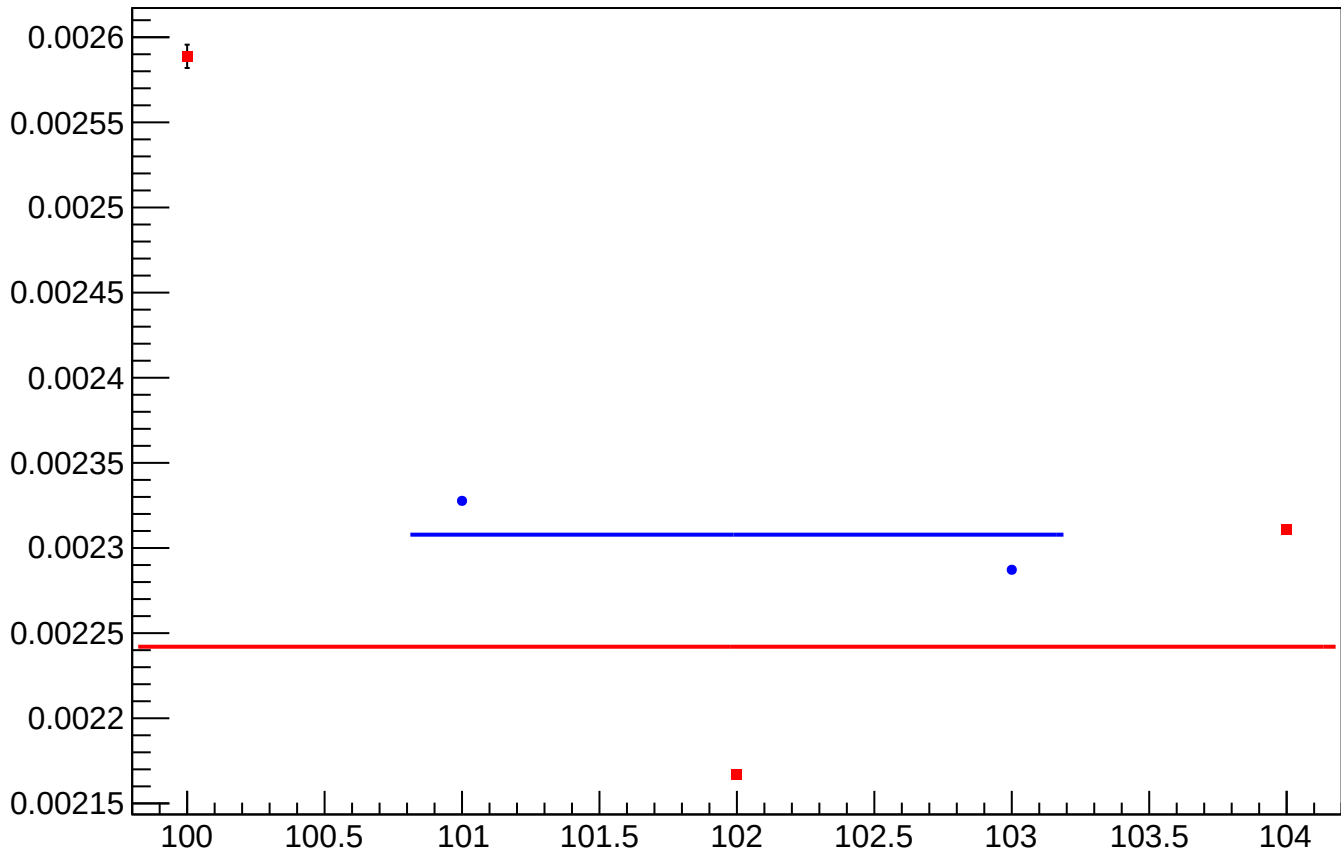
Right: 1.671+/-0.000 χ^2/NDF : 600289405.8/4

In: 1.696+/-0.000 χ^2/NDF : 89357298.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.671+/-0.000 χ^2/NDF : 600289405.8/4

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 : 4967.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

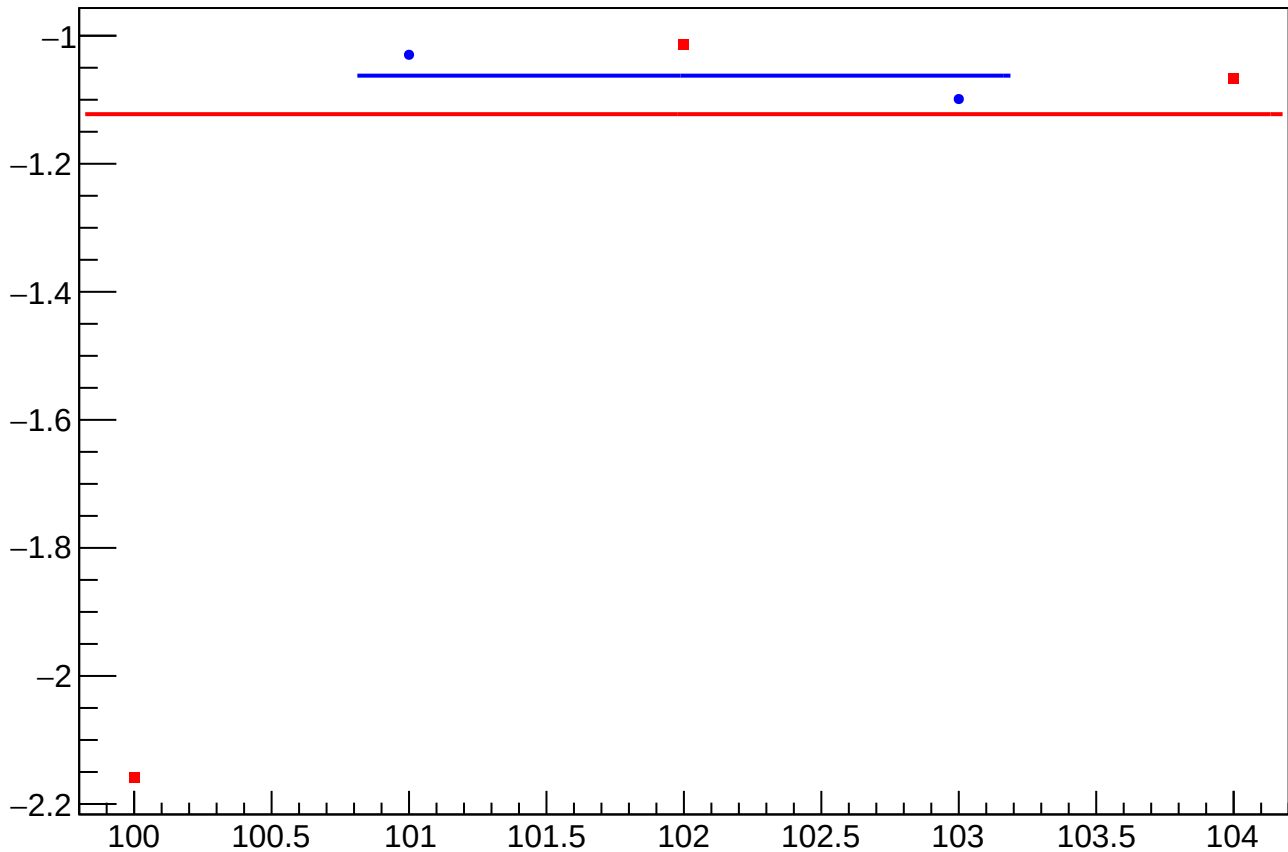
Right: 0.002+/-0.000 χ^2/NDF : 6148.1/4

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 : 6148.1/4

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: -1.122+/-0.000 χ^2/NDF : 2083417561.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

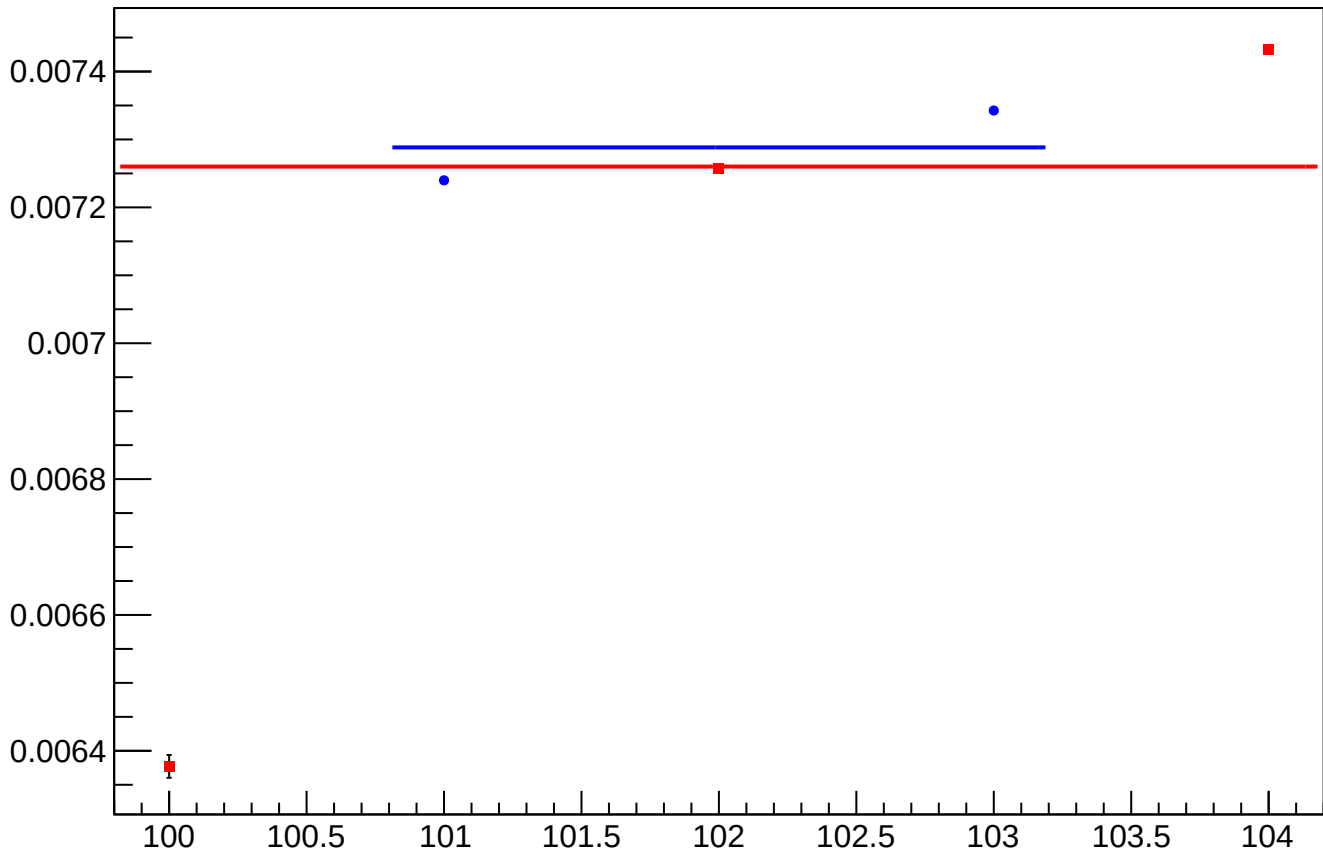
Right: -1.092+/-0.000 χ^2/NDF : 2153417594.0/4

In: -1.062+/-0.000 χ^2/NDF : 27843433.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.092+/-0.000 χ^2/NDF : 2153417594.0/4

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 : 3325.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

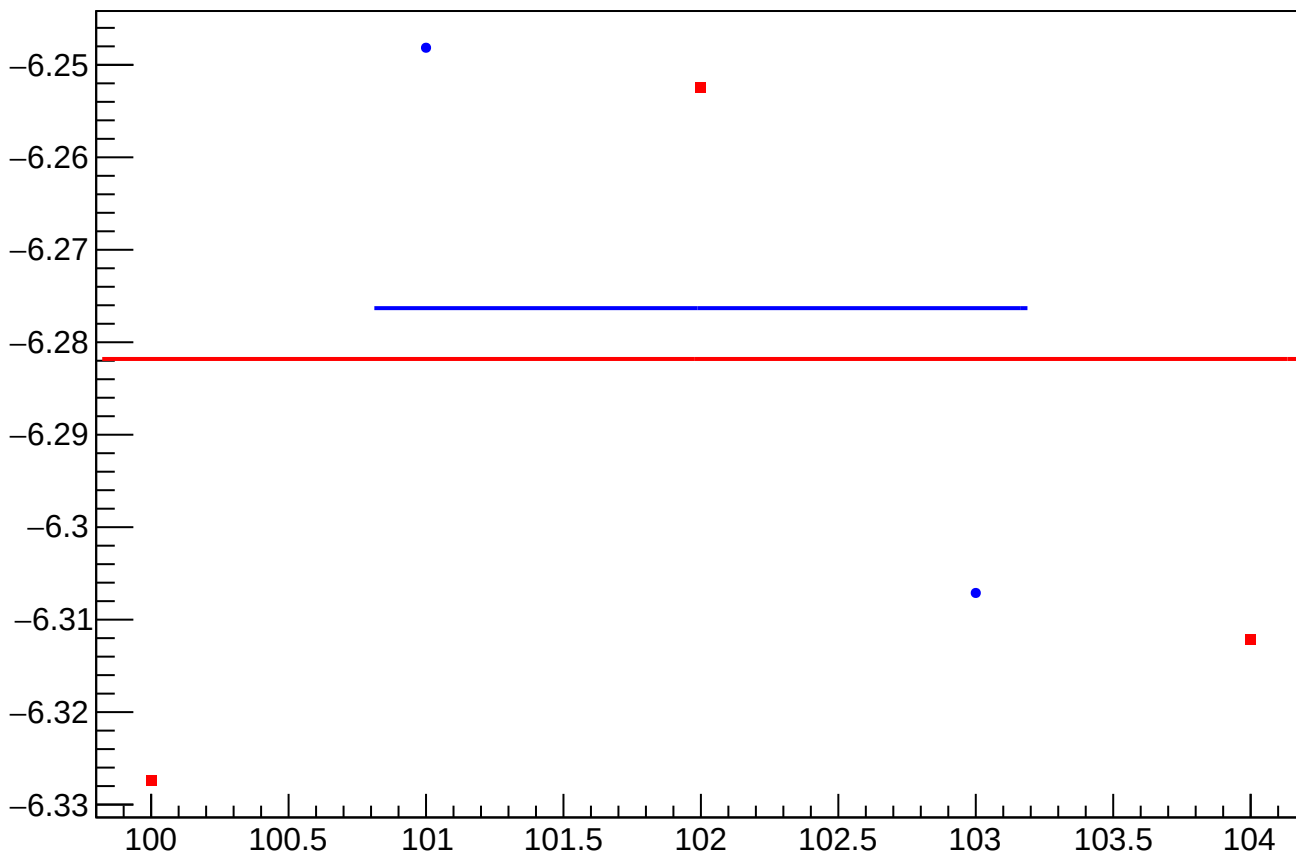
Right: 0.007+/-0.000 χ^2/NDF : 3467.5/4

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 : 3467.5/4

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: -6.282+/-0.000 χ^2/NDF : 45441006.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

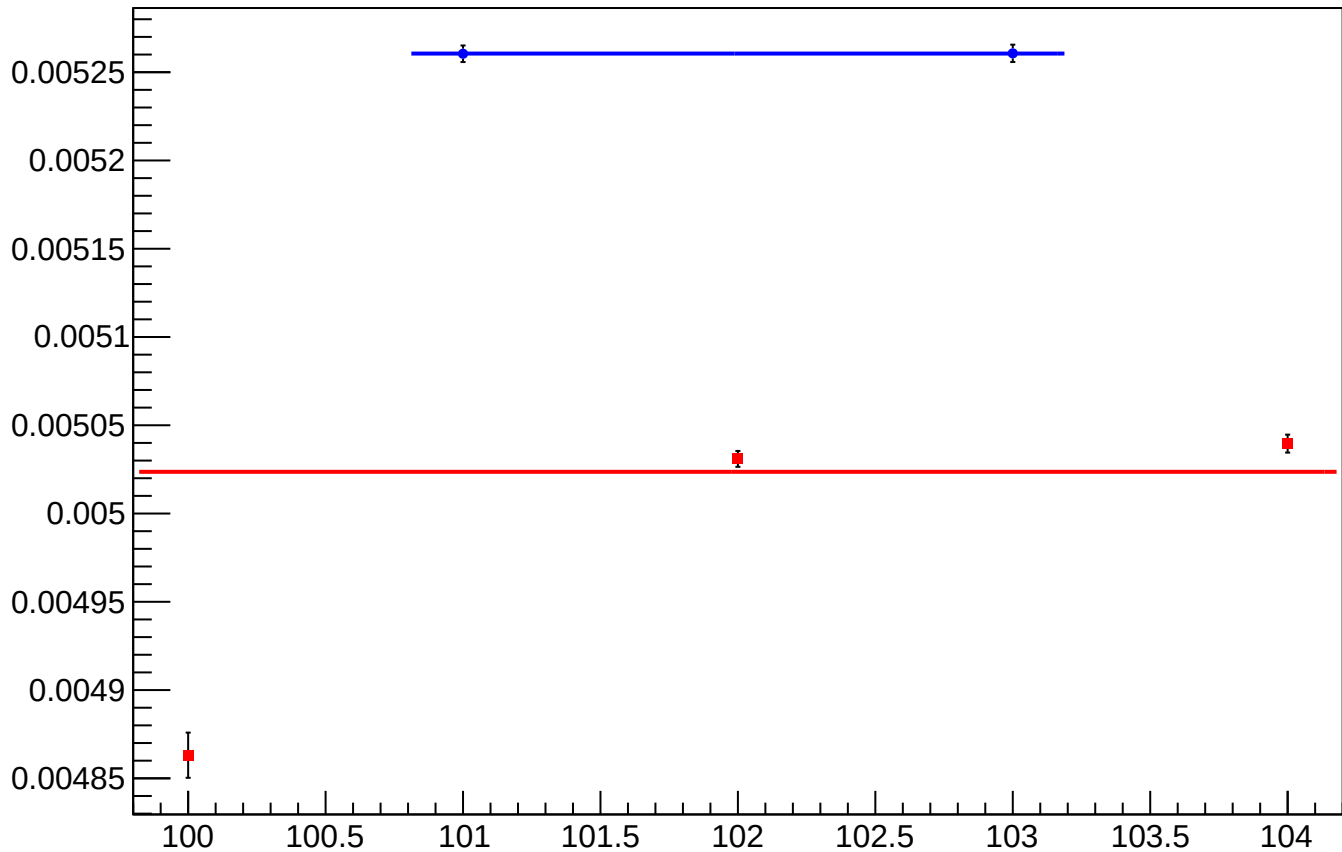
Right: -6.279+/-0.000 χ^2/NDF : 83851457.1/4

In: -6.276+/-0.000 χ^2/NDF : 37727342.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.279+/-0.000 χ^2/NDF : 83851457.1/4

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 : 169.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

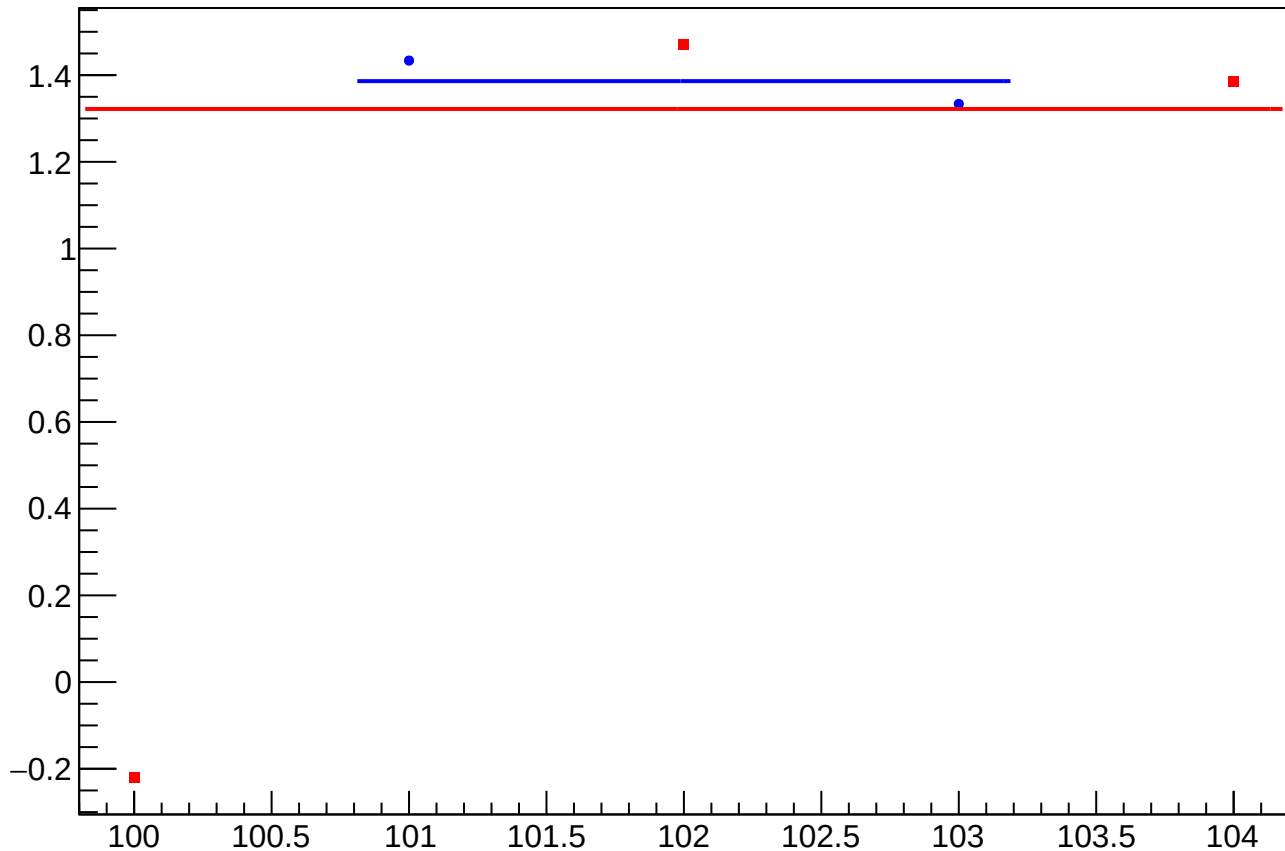
Right: 0.005+/-0.000 χ^2/NDF : 2708.5/4

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 : 2708.5/4

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: 1.322+/-0.000 χ^2/NDF : 996943983.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

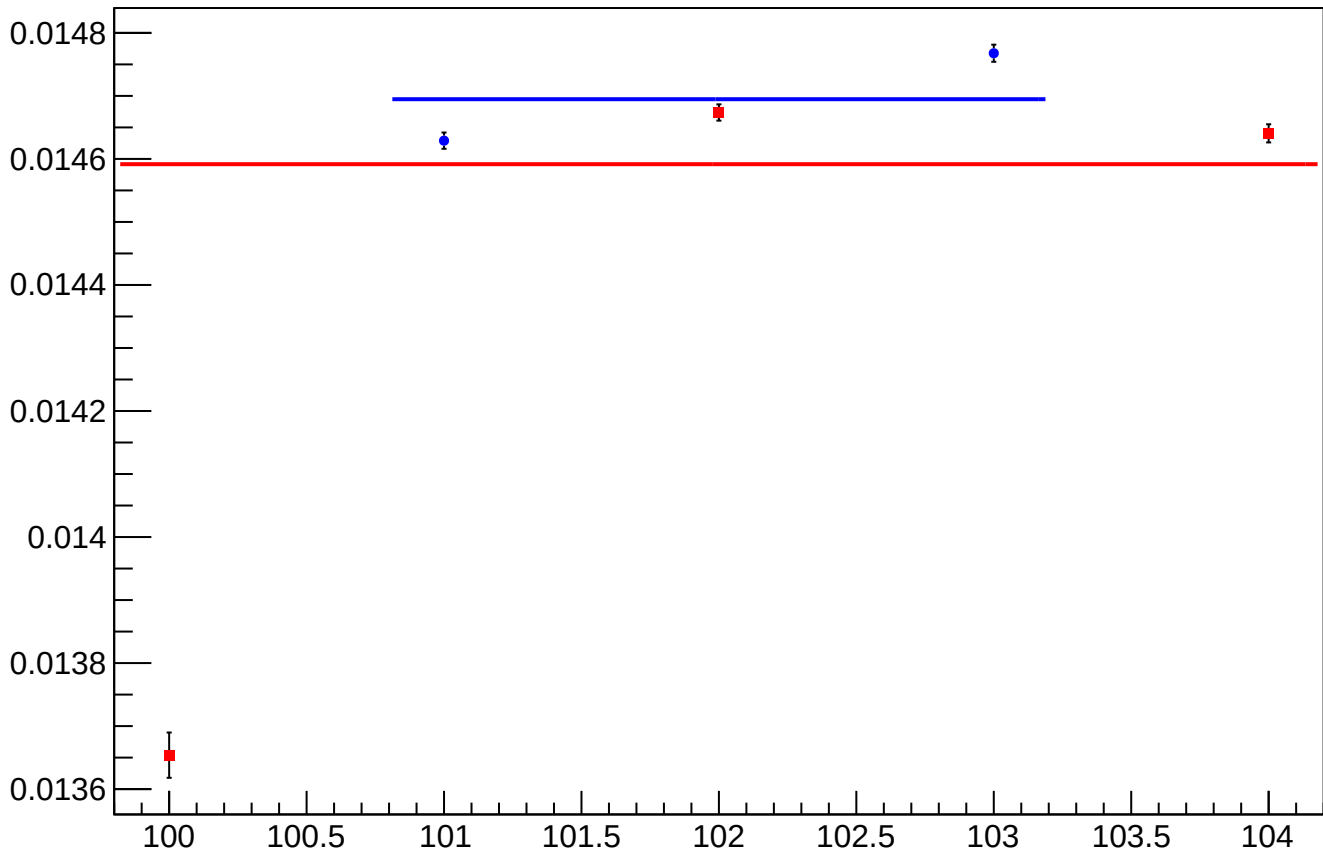
Right: 1.354+/-0.000 χ^2/NDF : 1023024321.7/4

In: 1.386+/-0.000 χ^2/NDF : 14233406.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.354+/-0.000 χ^2/NDF : 1023024321.7/4

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 : 732.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

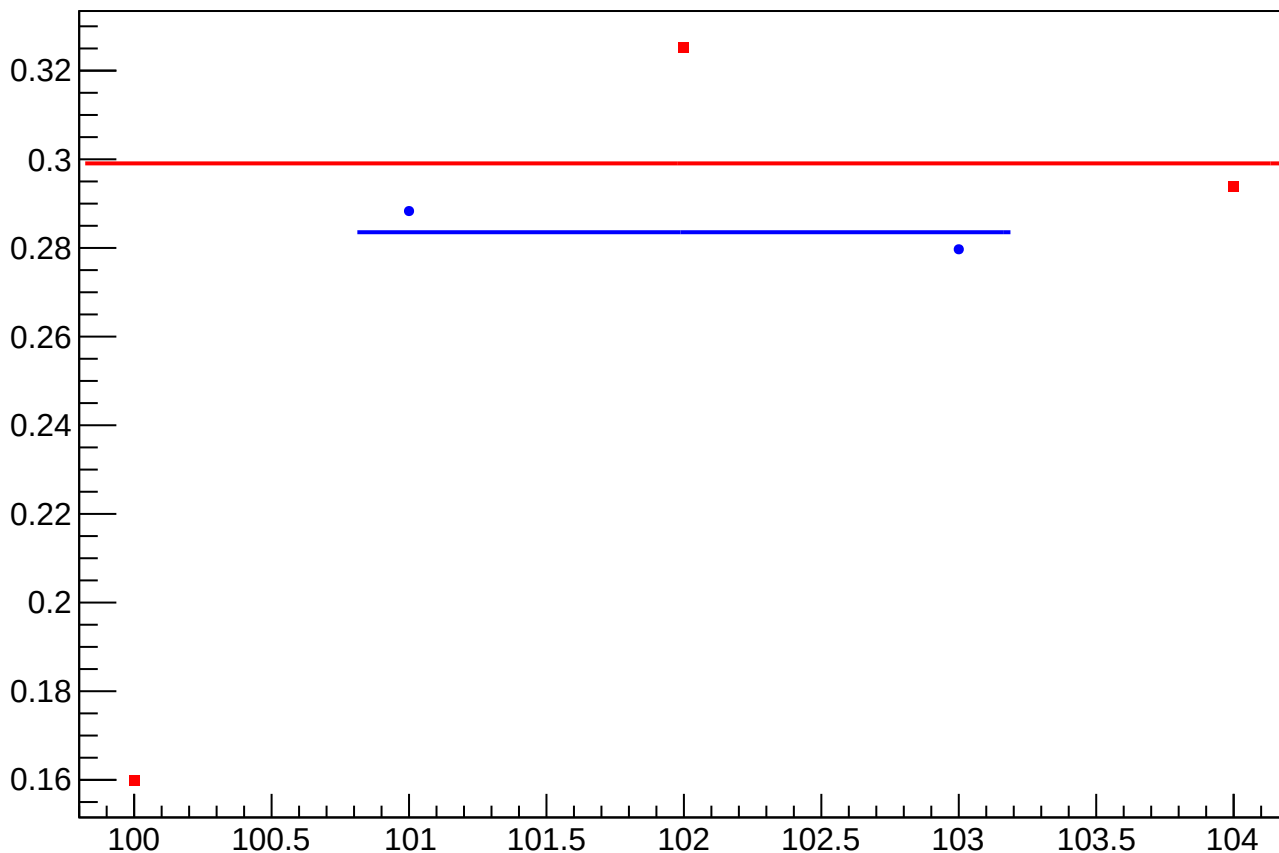
Right: 0.015+/-0.000 χ^2/NDF : 848.5/4

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 : 848.5/4

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: 0.299+/-0.000 χ^2/NDF : 45584613.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

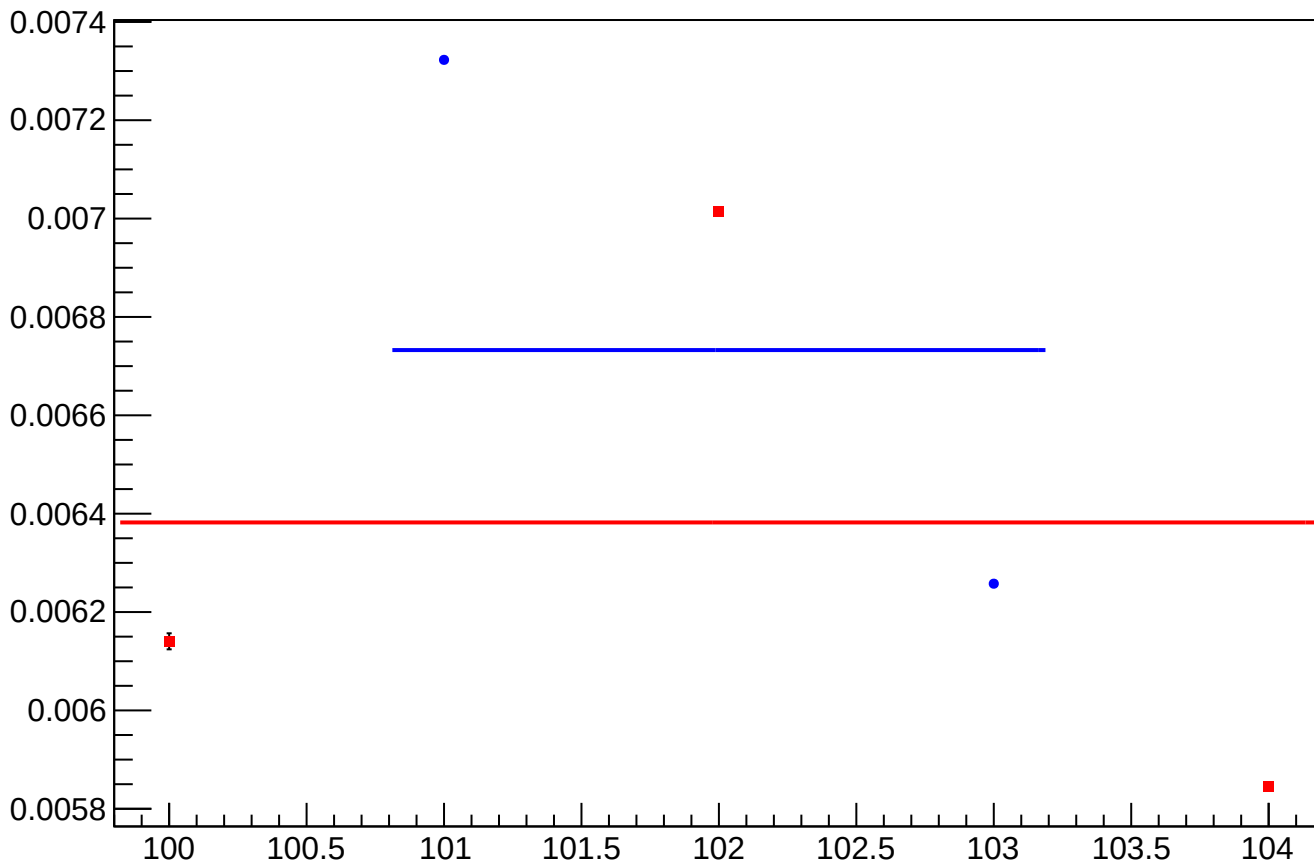
Right: 0.292+/-0.000 χ^2/NDF : 49423154.8/4

In: 0.284+/-0.000 χ^2/NDF : 489930.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.292+/-0.000 χ^2/NDF : 49423154.8/4

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: 0.006+/-0.000 χ^2/NDF : 18750.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

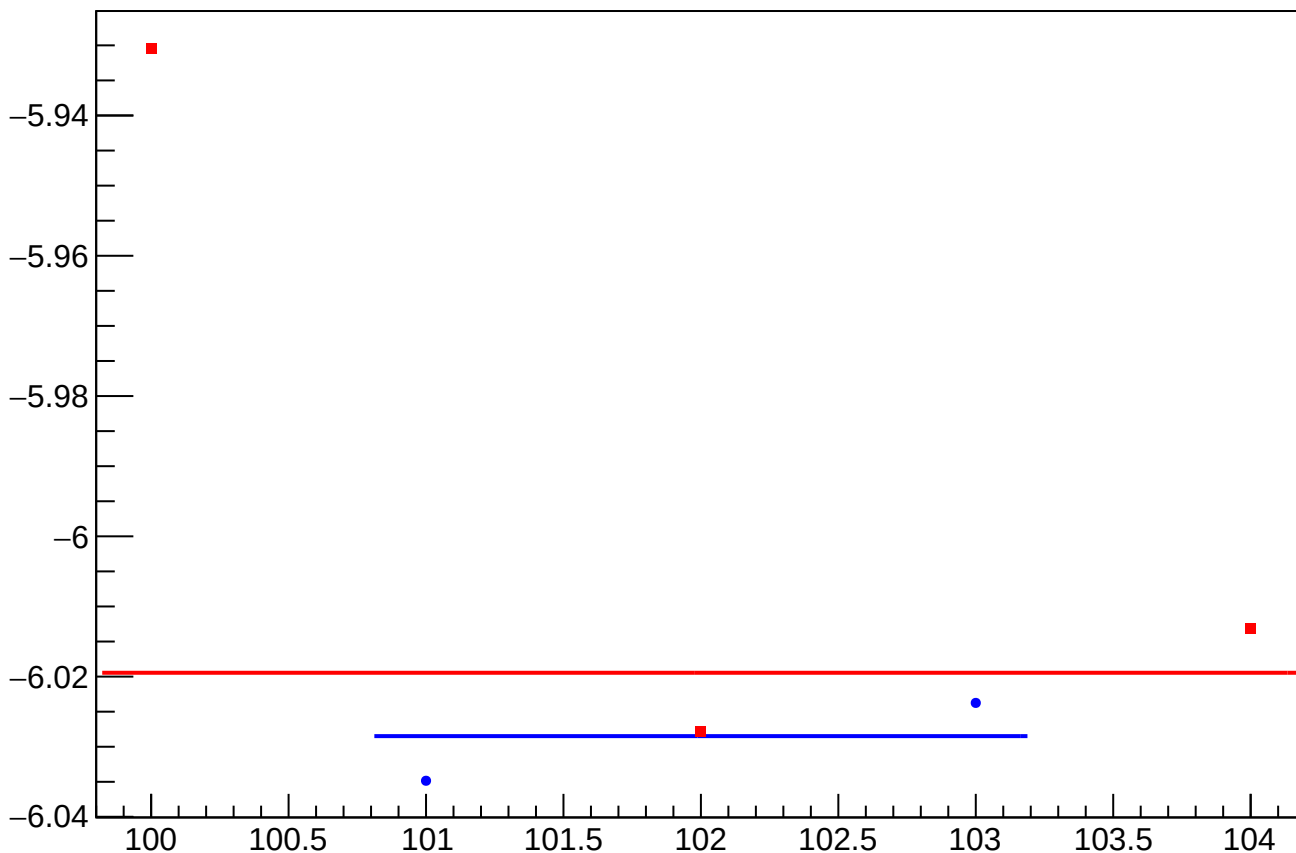
Right: 0.007+/-0.000 χ^2/NDF : 37098.0/4

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 : 37098.0/4

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 : 5342172.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

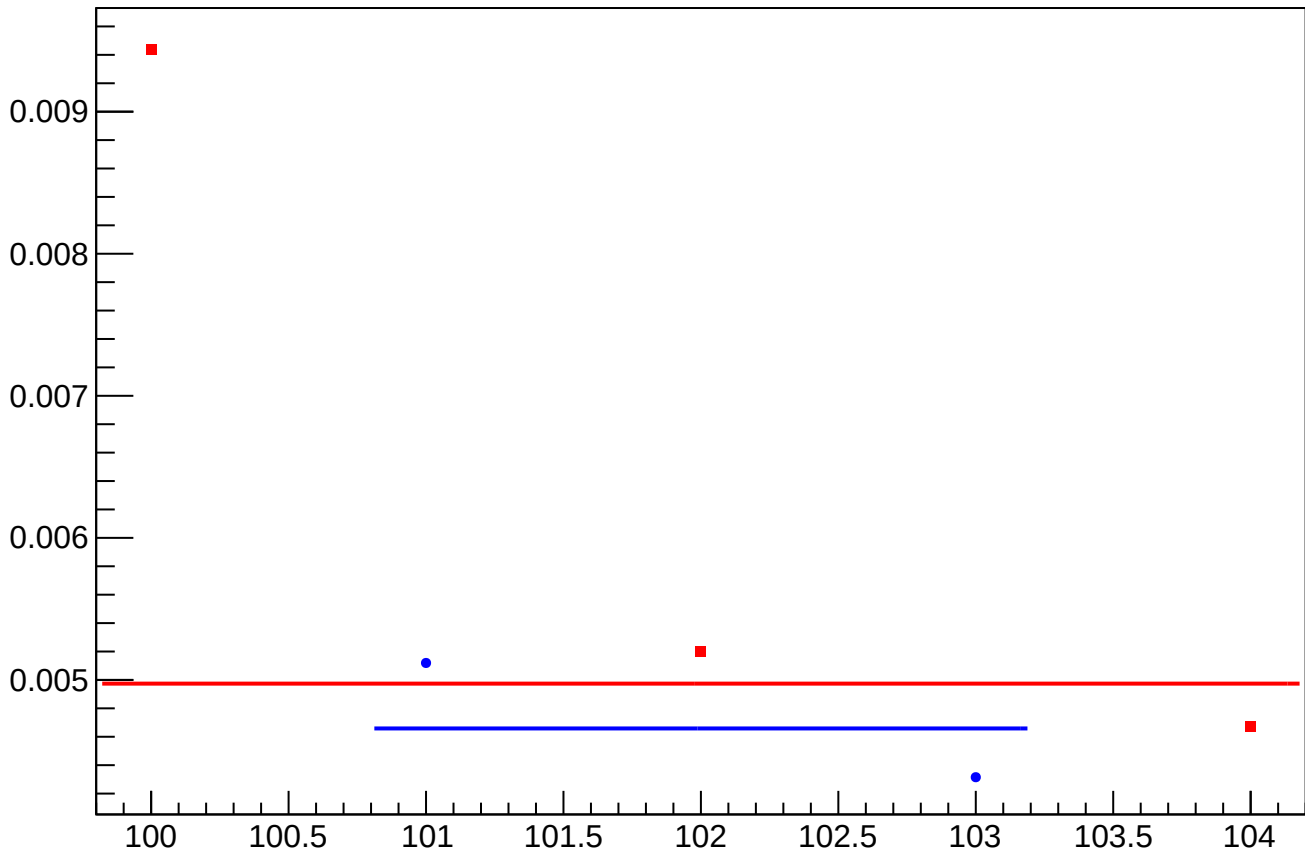
Right: -6.024+/-0.000 χ^2/NDF : 8713308.5/4

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 : 8713308.5/4

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 : 21625.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

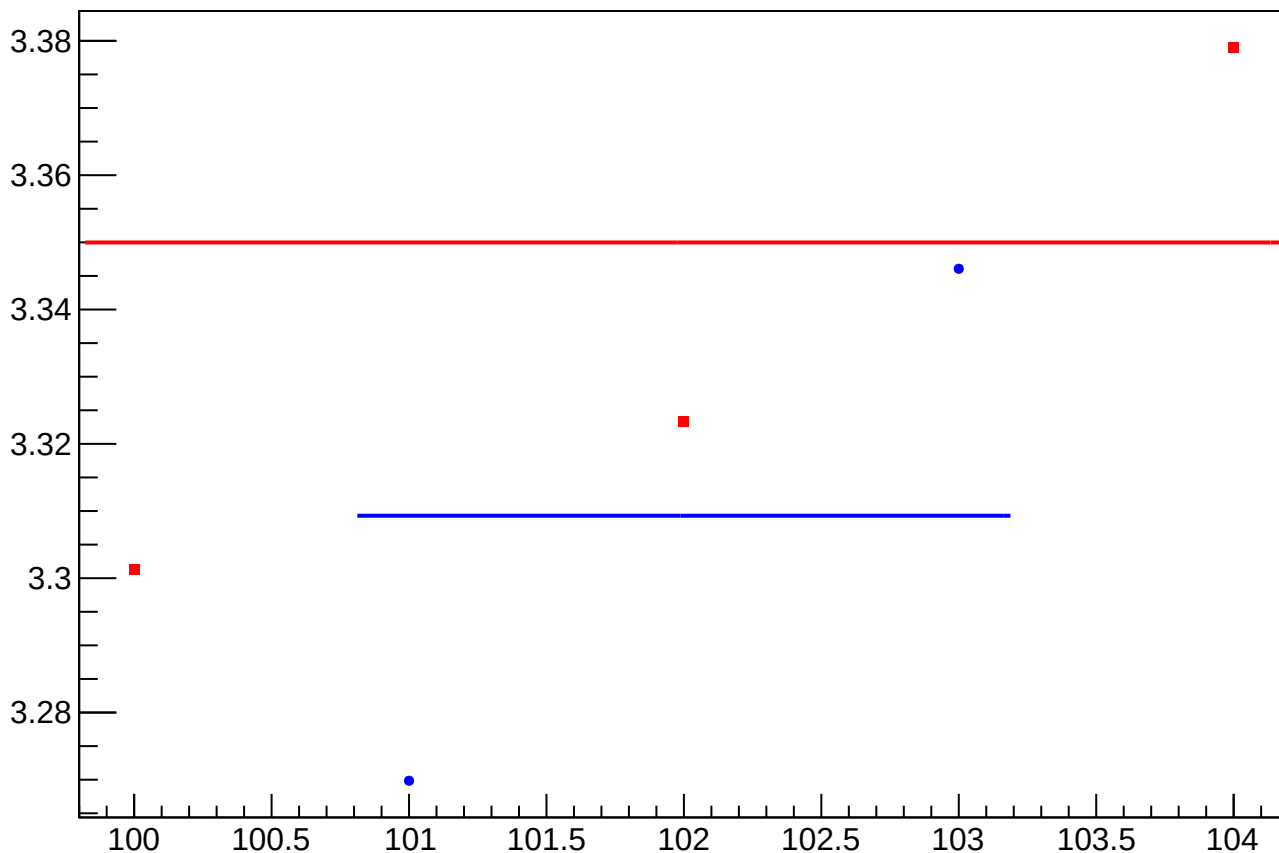
Right: 0.005+/-0.000 χ^2/NDF : 42102.1/4

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 : 42102.1/4

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 : 22343426.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

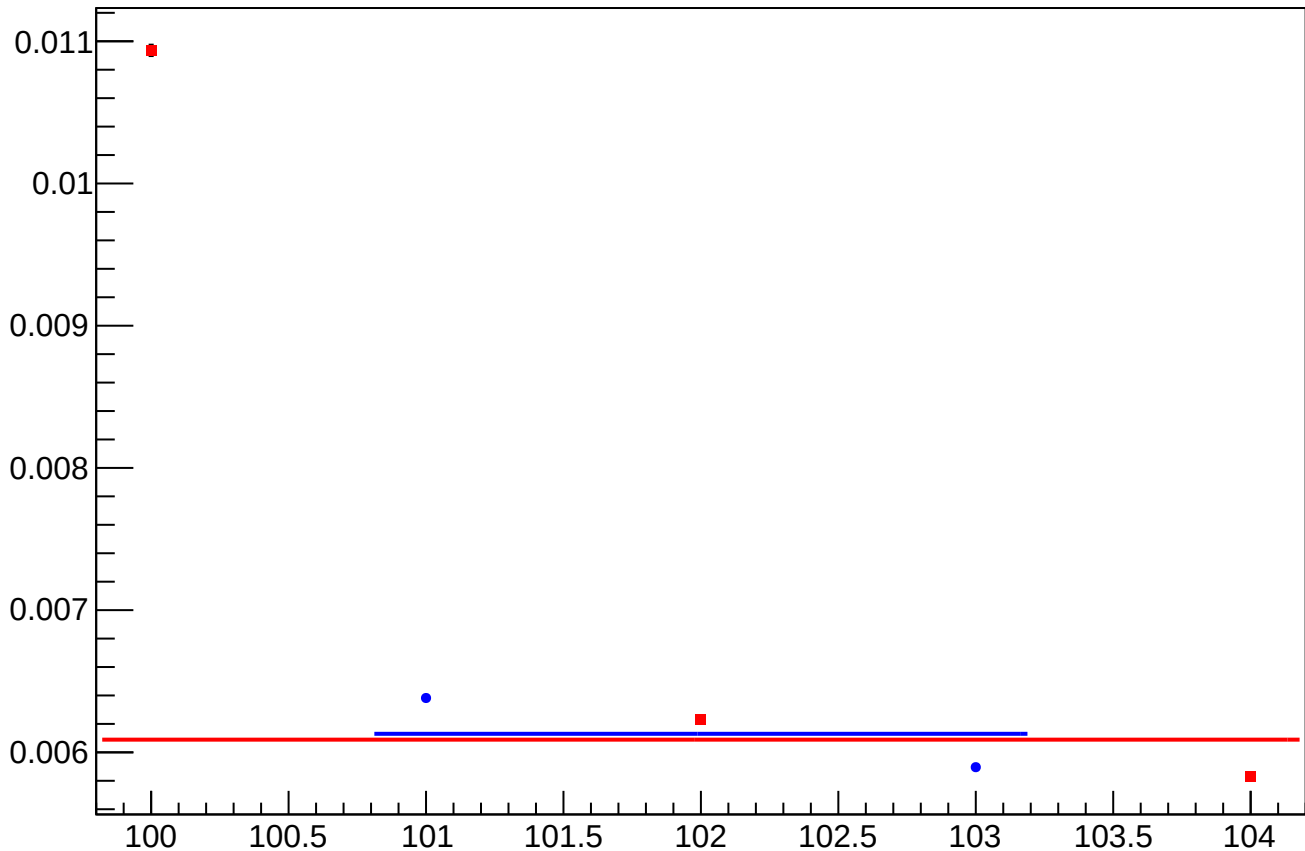
Right: 3.329+/-0.000 χ^2/NDF : 89970557.9/4

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 : 89970557.9/4

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 : 17162.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

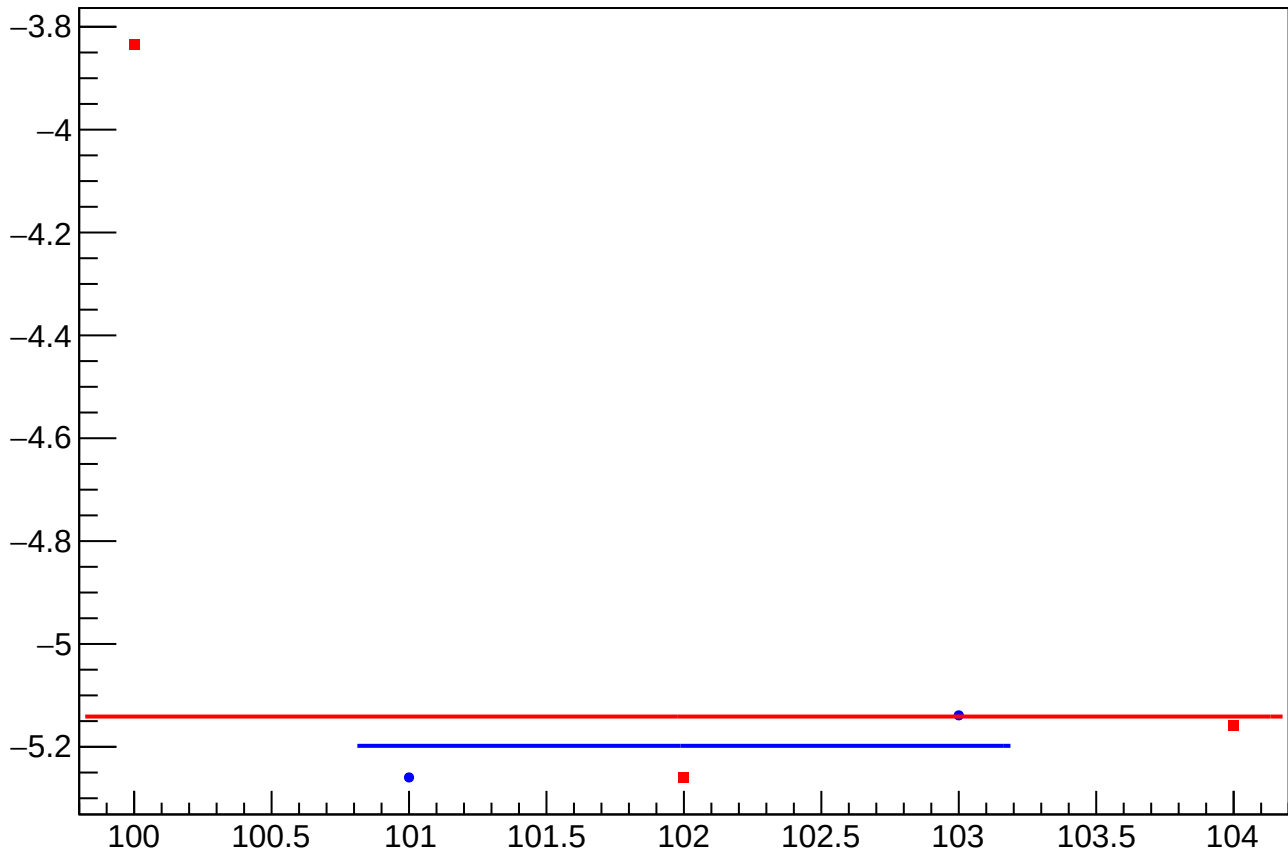
Right: 0.006+/-0.000 χ^2/NDF : 20757.8/4

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 : 20757.8/4

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: -5.141+/-0.000 χ^2/NDF : 863374893.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

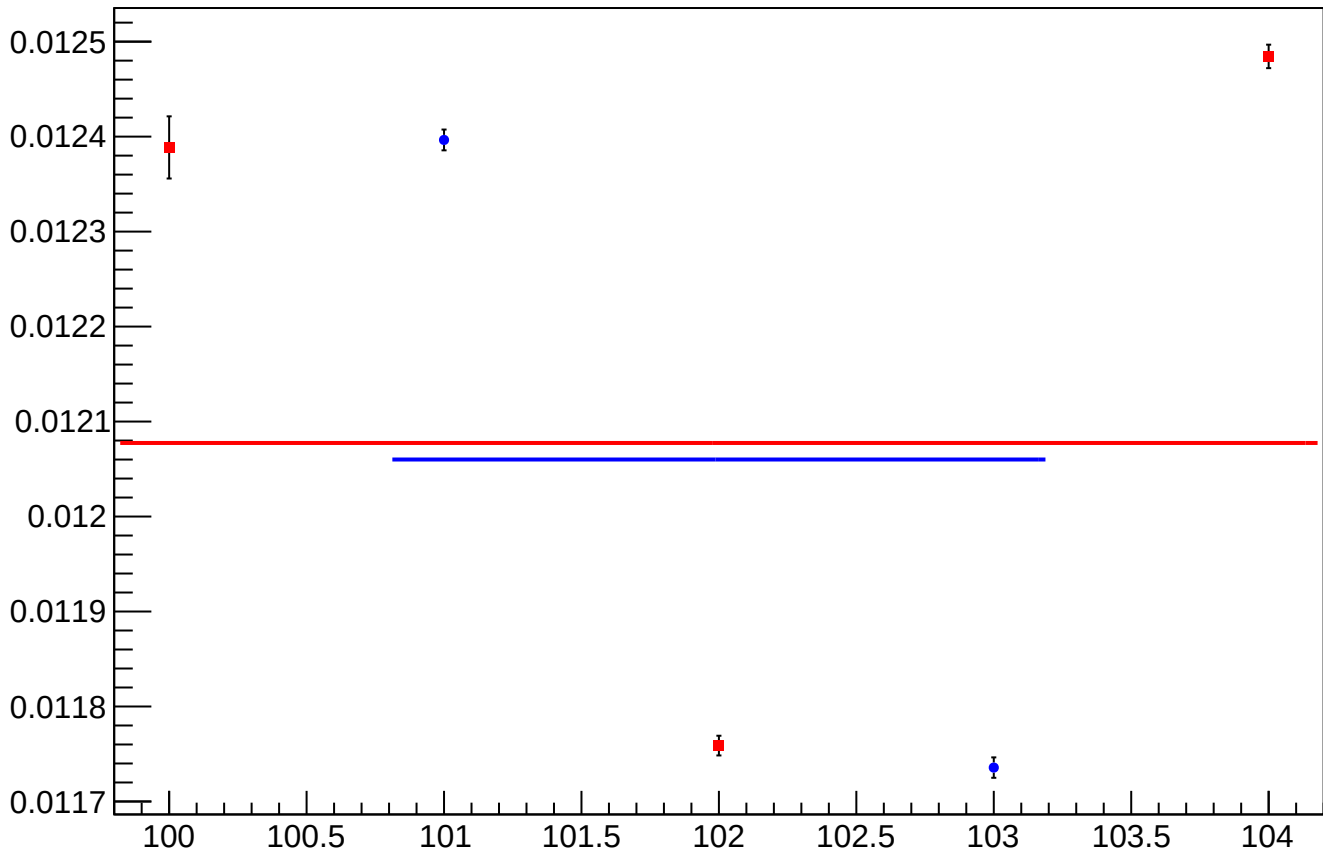
Right: -5.170+/-0.000 χ^2/NDF : 908052638.6/4

In: -5.198+/-0.000 χ^2/NDF : 30980621.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.170+/-0.000 χ^2/NDF : 908052638.6/4

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: 0.012+/-0.000 χ^2/NDF : 2118.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

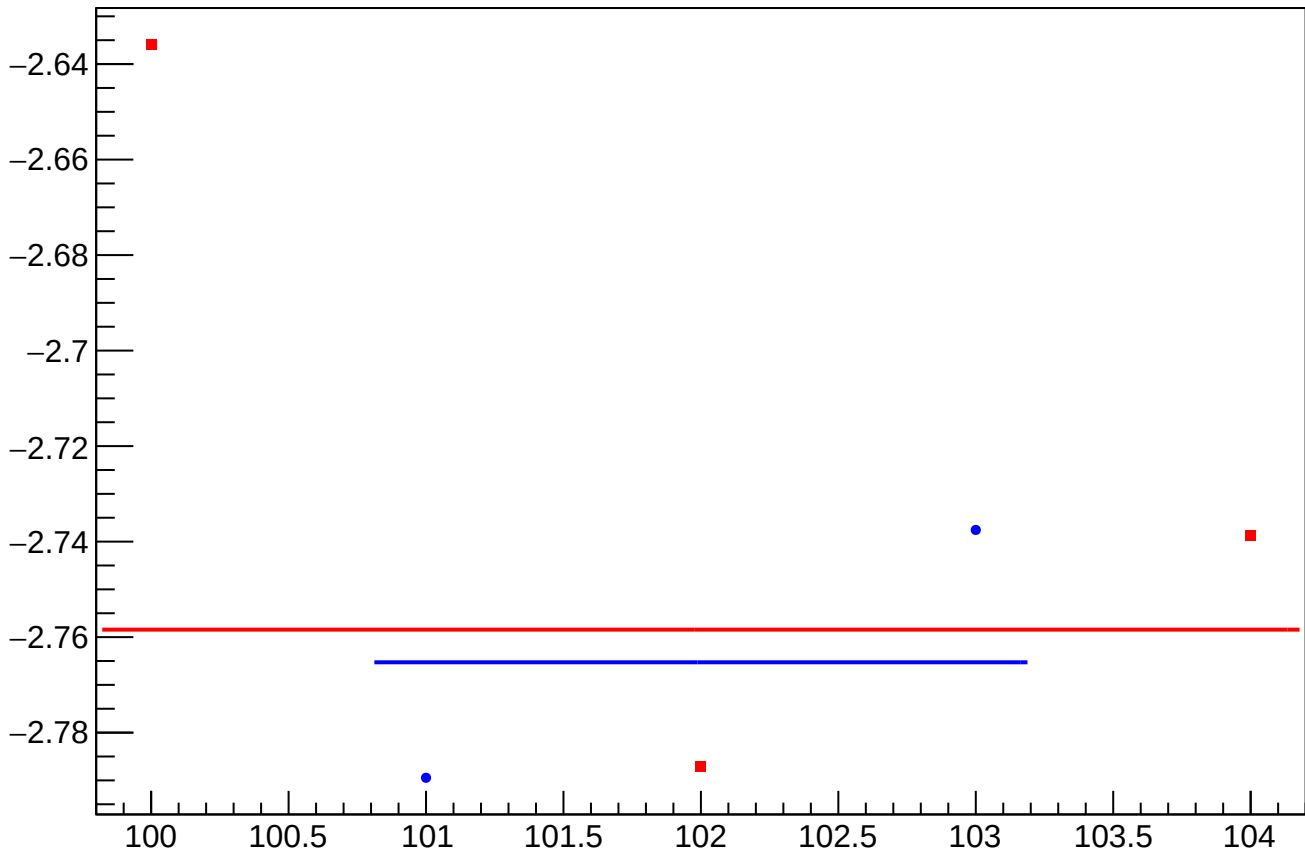
Right: 0.012+/-0.000 χ^2/NDF : 3977.1/4

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 : 3977.1/4

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: -2.758+/-0.000 χ^2/NDF : 125603733.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

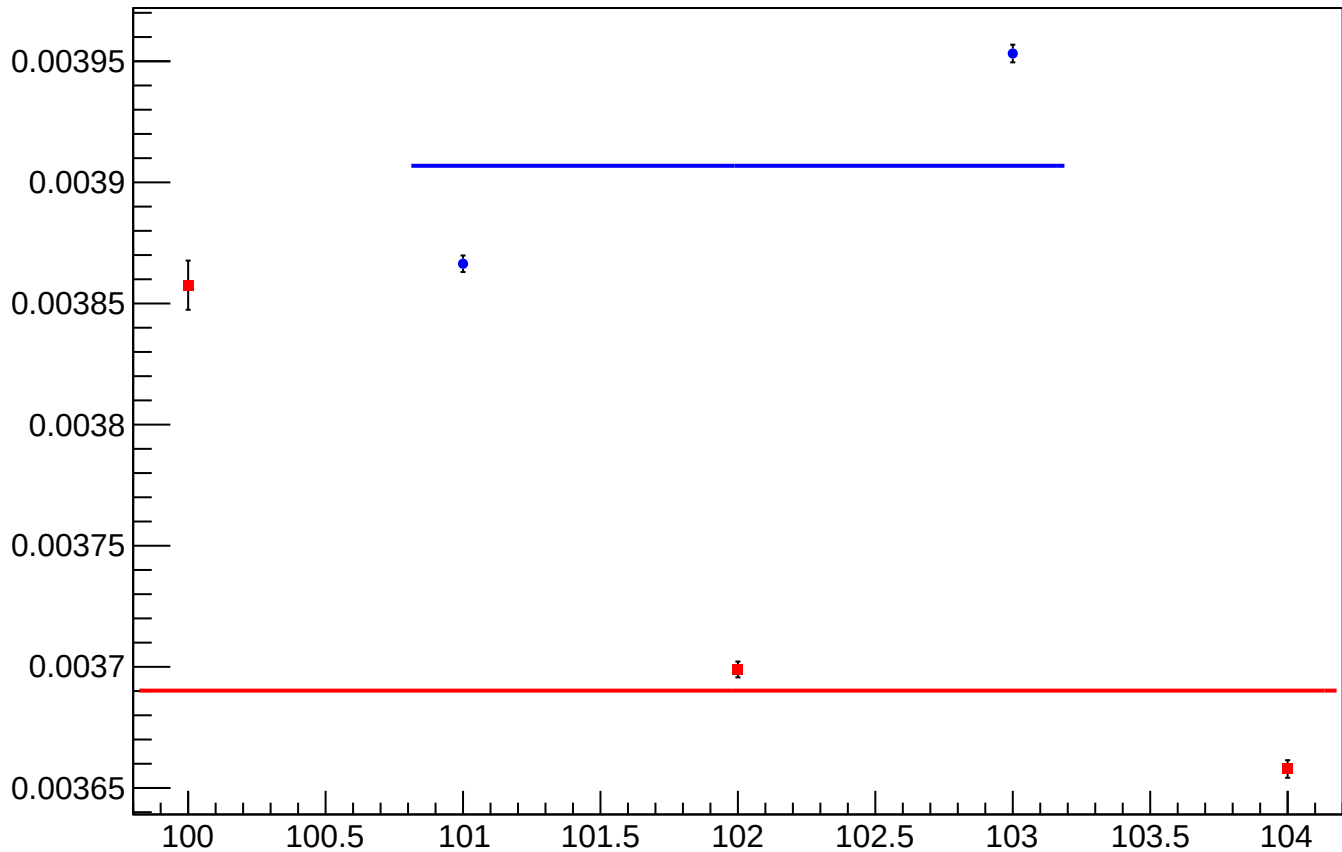
Right: -2.762+/-0.000 χ^2/NDF : 181536784.7/4

In: -2.765+/-0.000 χ^2/NDF : 53952343.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.762+/-0.000 χ^2/NDF : 181536784.7/4

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 : 357.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

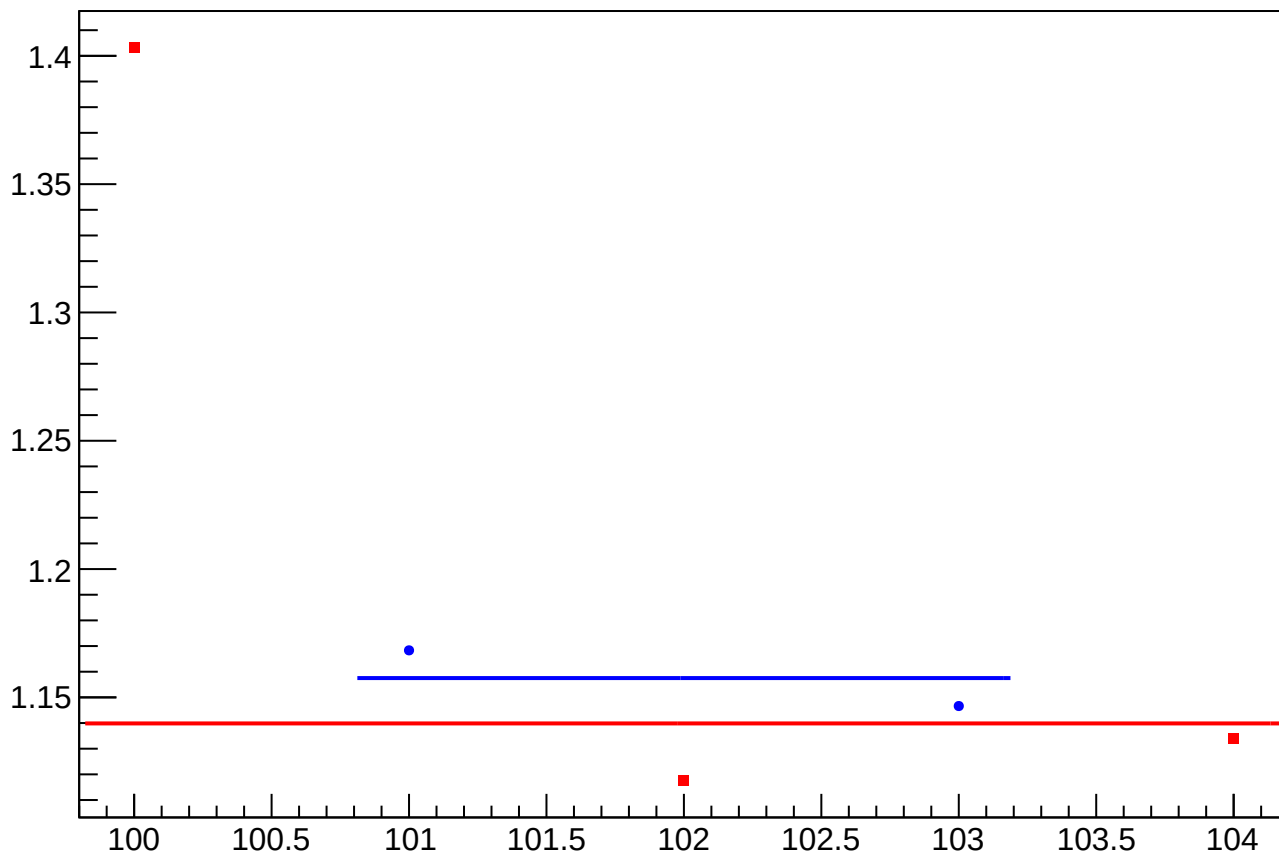
Right: 0.004+/-0.000 χ^2/NDF : 4635.3/4

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 : 4635.3/4

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: 1.140+/-0.000 χ^2/NDF : 265631457.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

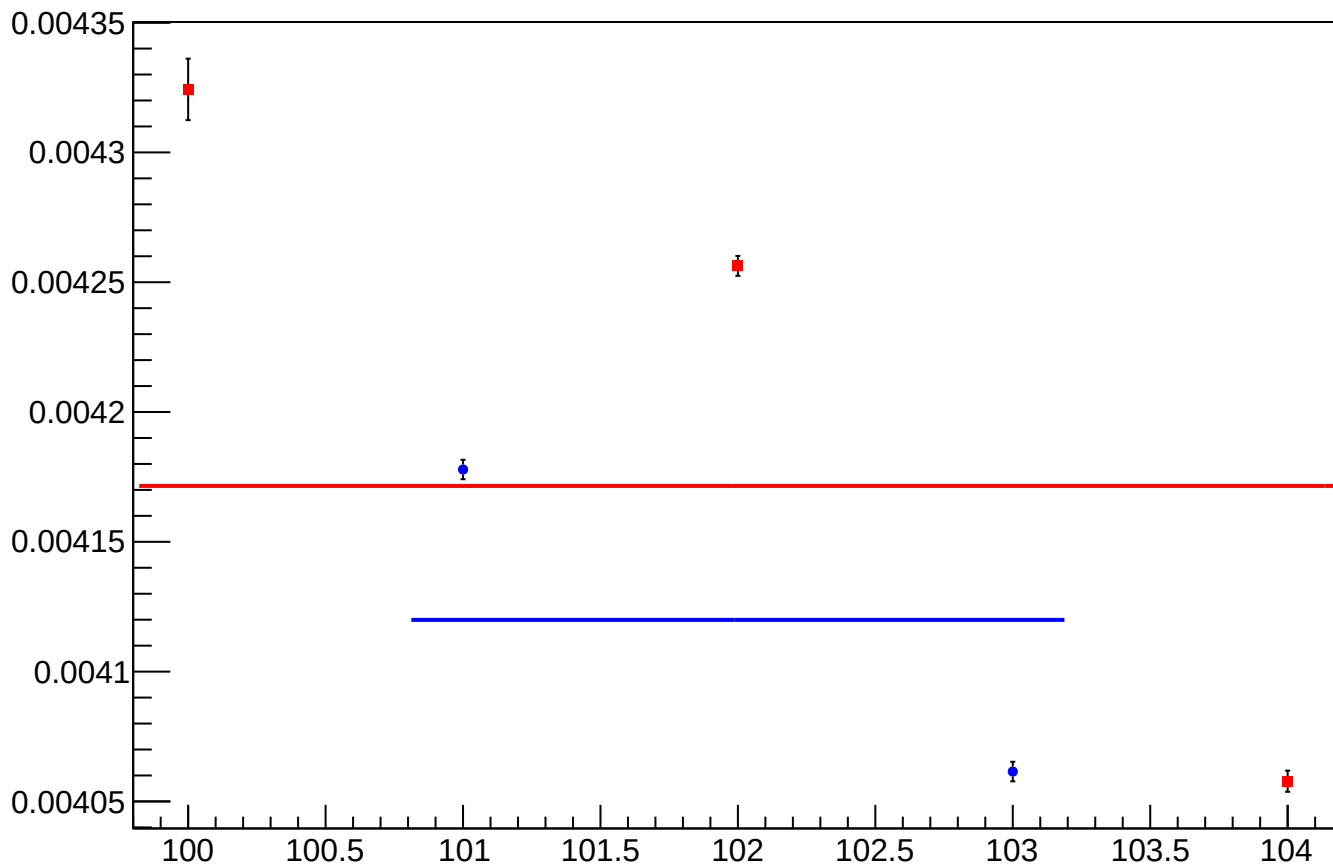
Right: 1.149+/-0.000 χ^2/NDF : 284765249.0/4

In: 1.158+/-0.000 χ^2/NDF : 8327711.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.149+/-0.000 χ^2/NDF : 284765249.0/4

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 478.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1435.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

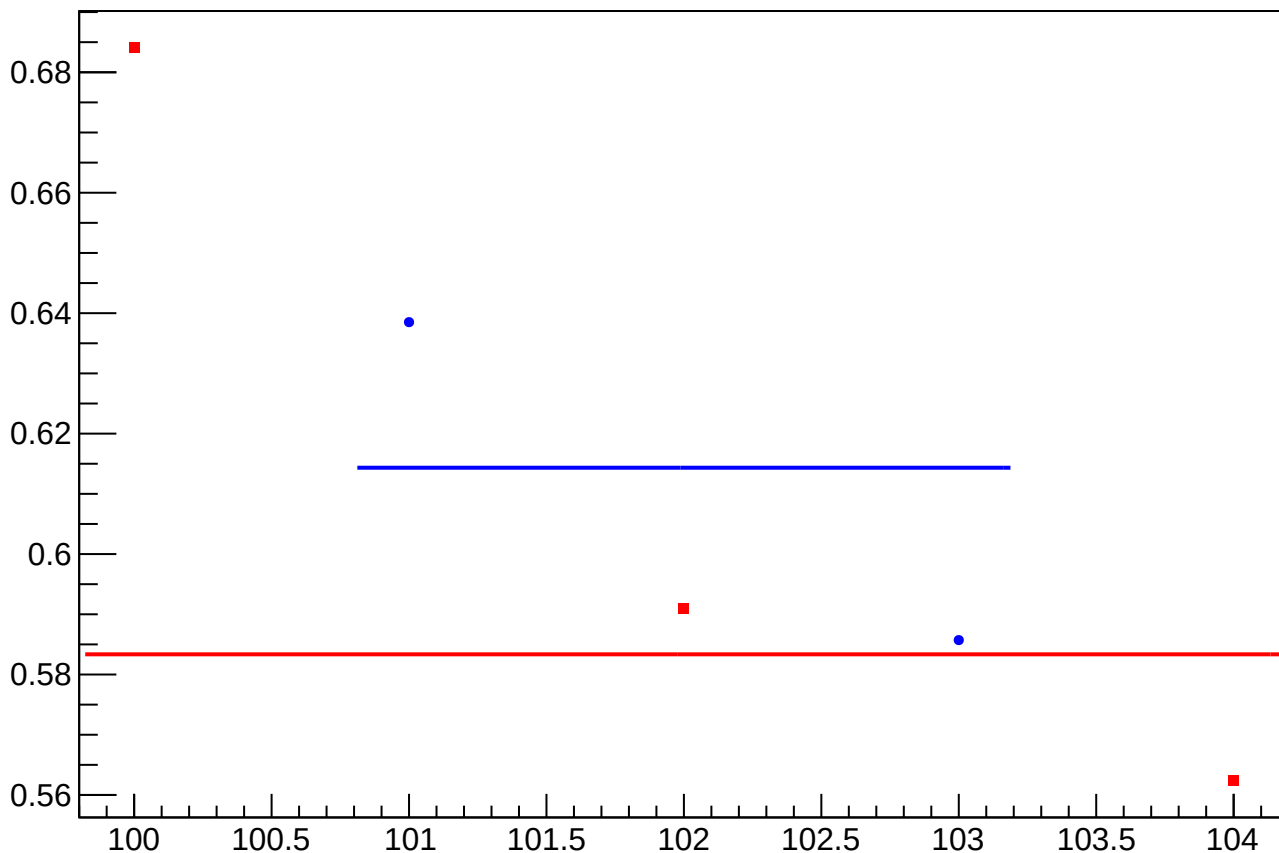
Right: 0.004+/-0.000 χ^2/NDF : 2098.3/4

In: 0.004+/-0.000 χ^2/NDF : 478.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2098.3/4

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: 0.583+/-0.000 χ^2/NDF : 51232667.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

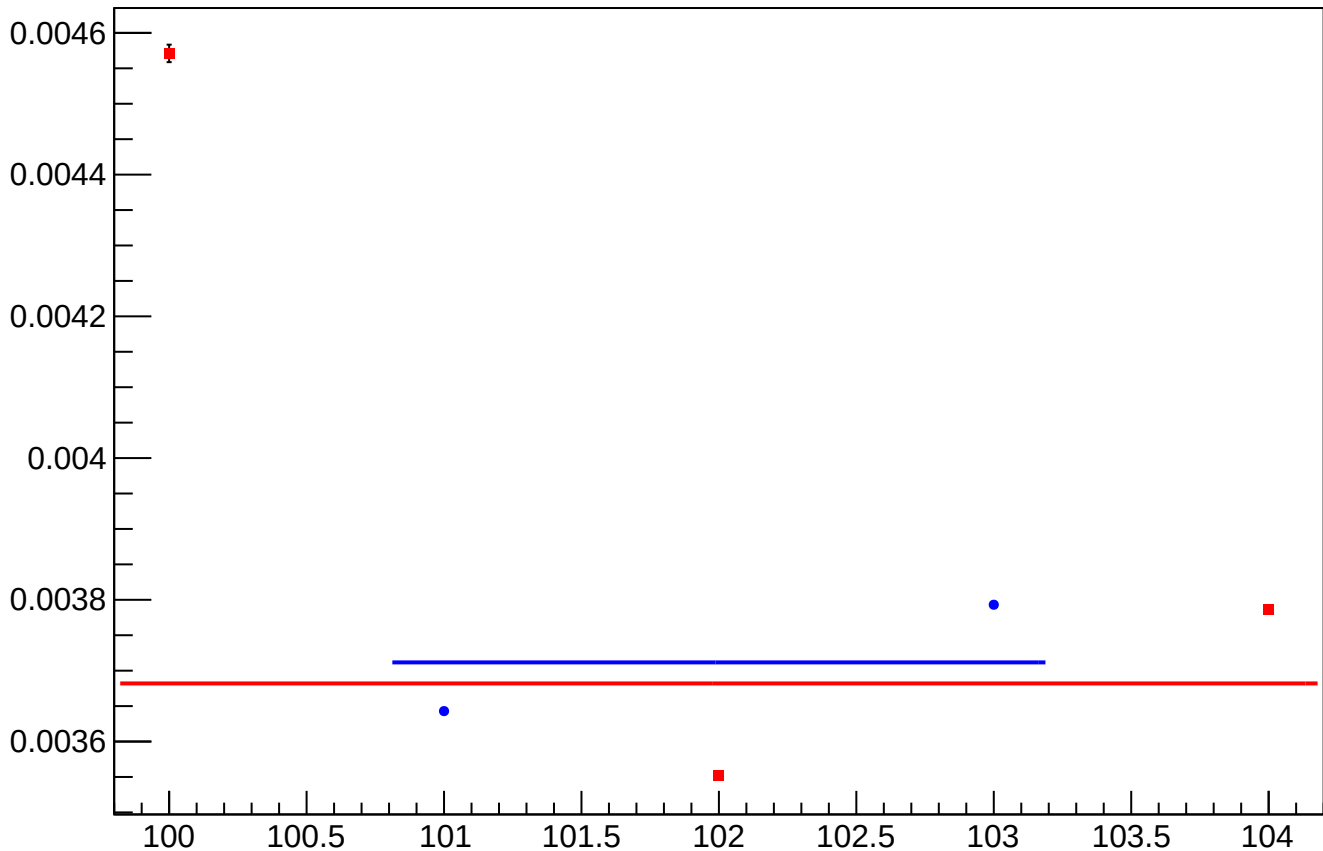
Right: 0.599+/-0.000 χ^2/NDF : 153884403.9/4

In: 0.614+/-0.000 χ^2/NDF : 60726545.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.599+/-0.000 χ^2/NDF : 153884403.9/4

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 : 7613.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

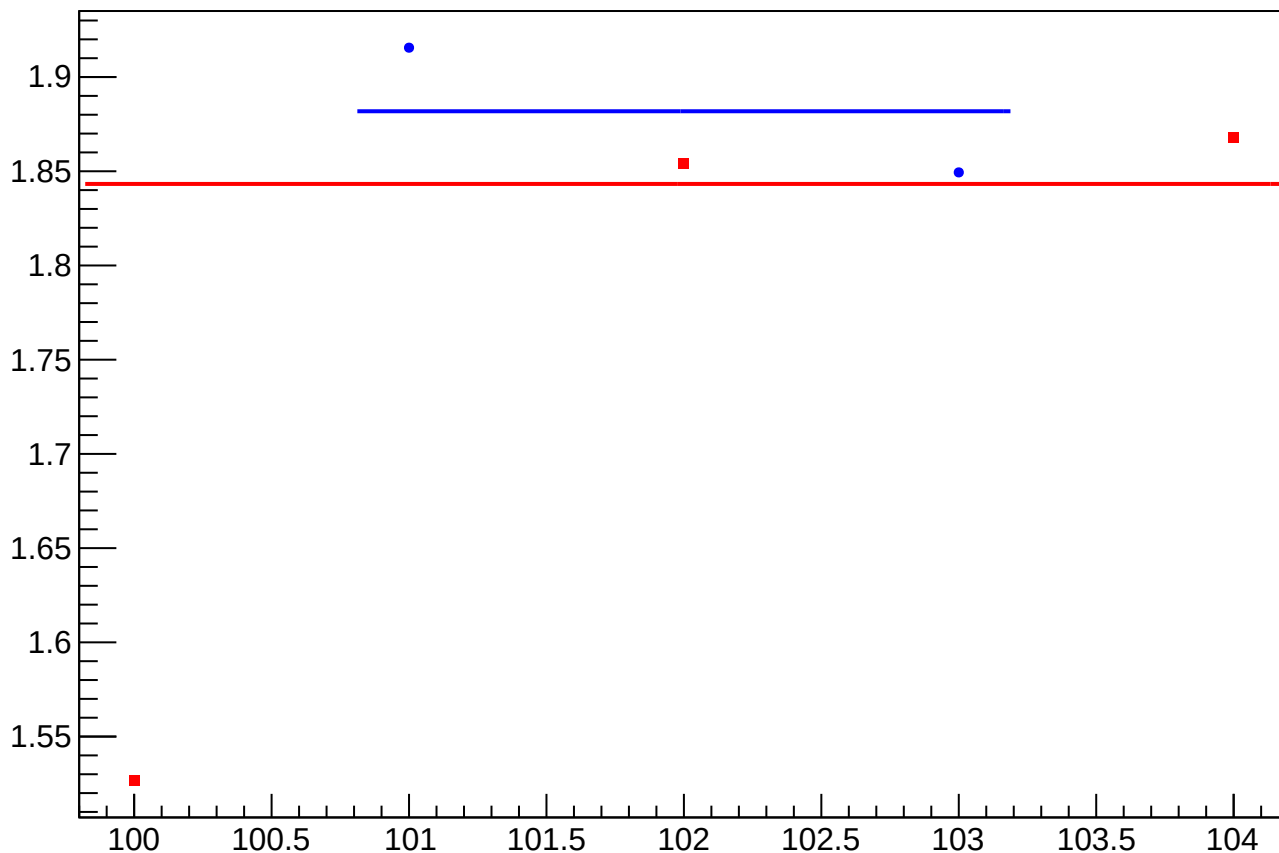
Right: 0.004+/-0.000 χ^2/NDF : 8671.9/4

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 : 8671.9/4

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 1.882+/-0.000 χ^2/NDF : 22459640.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.843+/-0.000 χ^2/NDF : 110688717.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

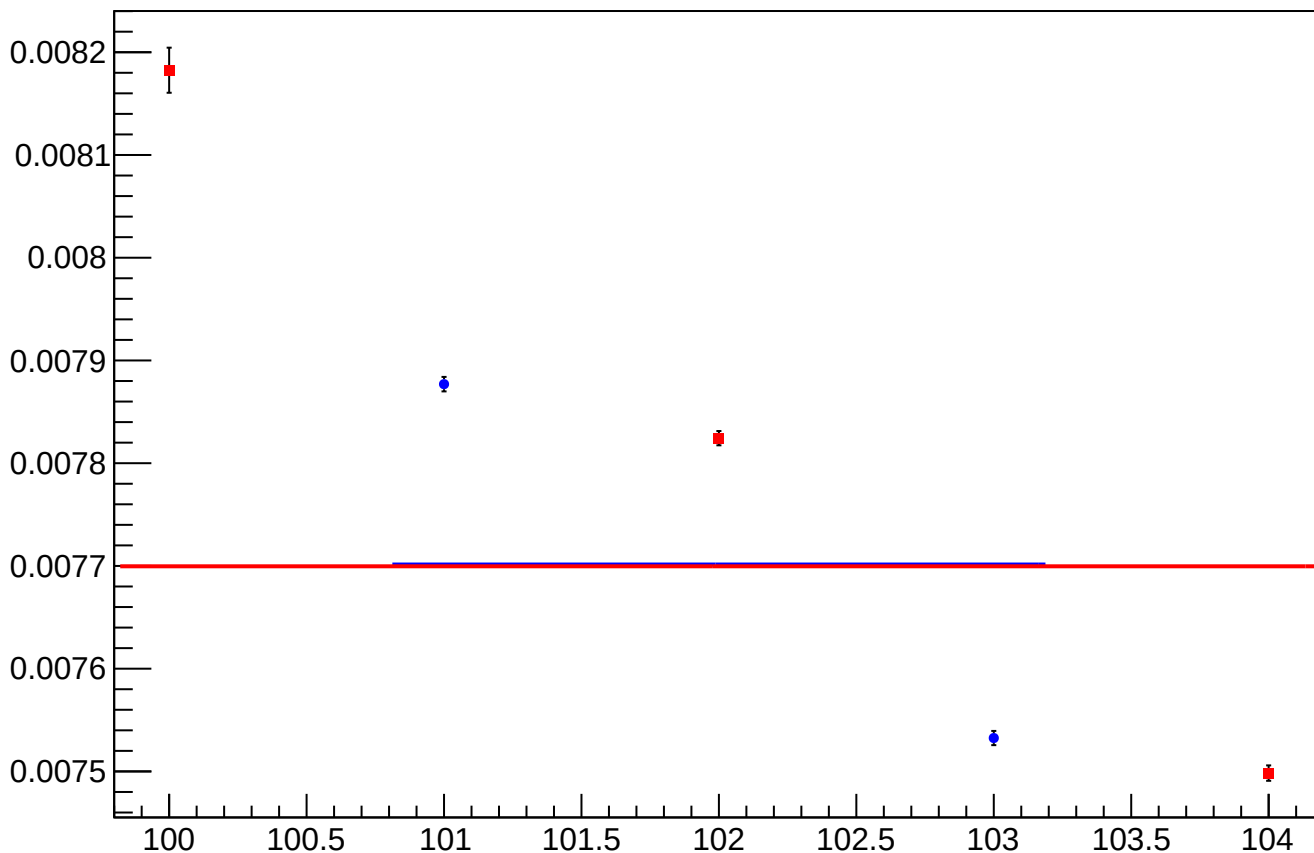
Right: 1.863+/-0.000 χ^2/NDF : 148316121.8/4

In: 1.882+/-0.000 χ^2/NDF : 22459640.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.863+/-0.000 χ^2/NDF : 148316121.8/4

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 : 1526.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

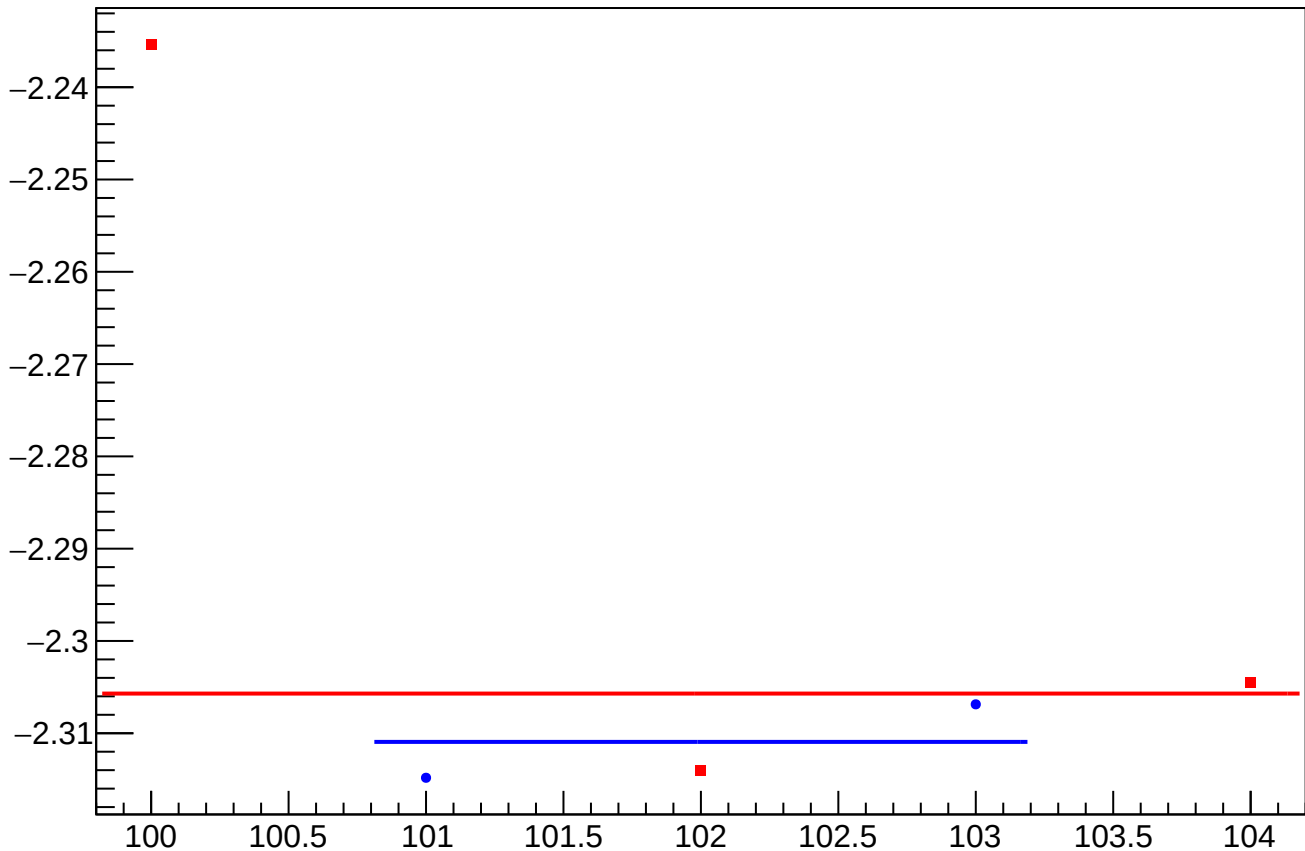
Right: 0.008+/-0.000 χ^2/NDF : 2742.8/4

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 : 2742.8/4

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.311+/-0.000 χ^2/NDF : 3317761.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.306+/-0.000 χ^2/NDF : 63834581.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

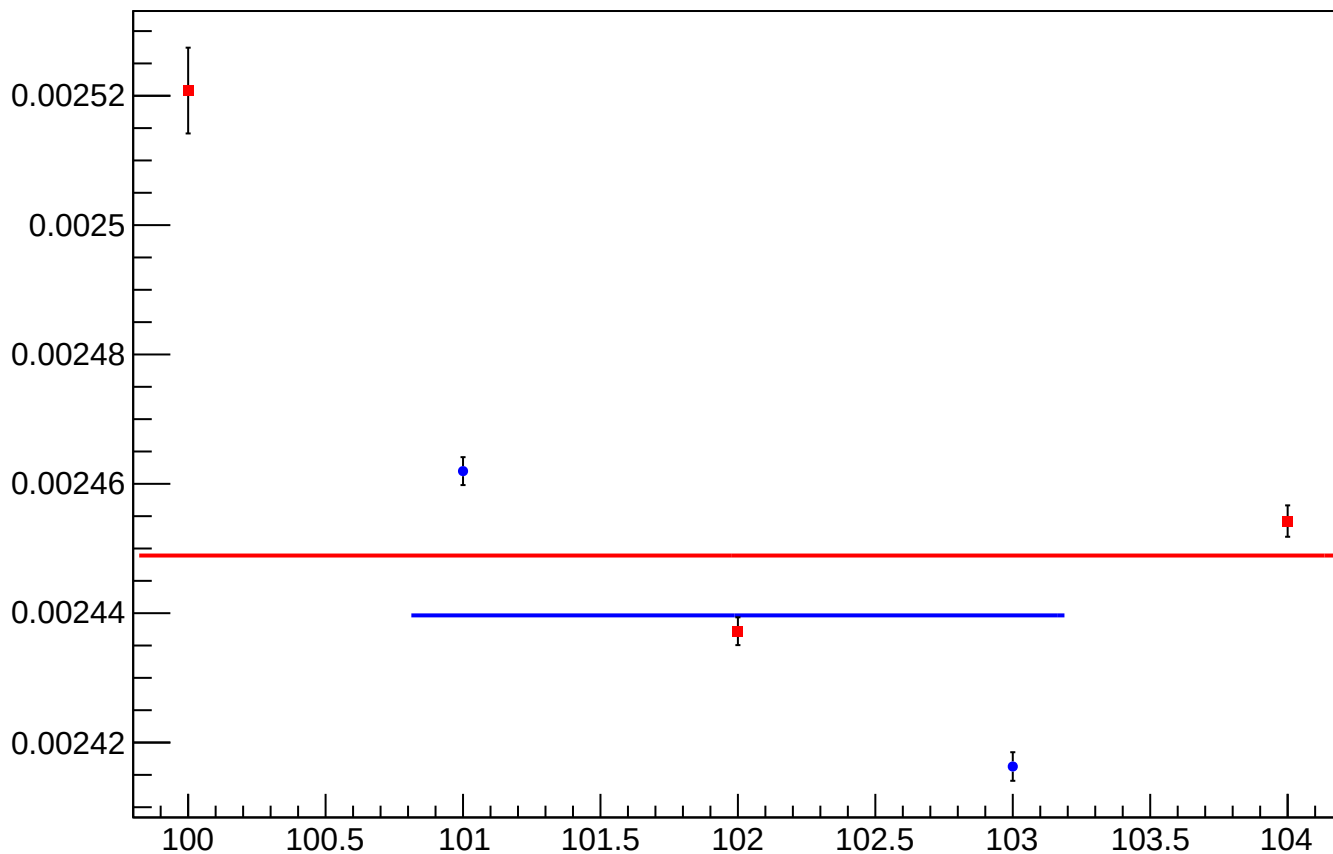
Right: -2.308+/-0.000 χ^2/NDF : 69991551.9/4

In: -2.311+/-0.000 χ^2/NDF : 3317761.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.308+/-0.000 χ^2/NDF : 69991551.9/4

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: 0.002+/-0.000 χ^2/NDF : 152.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

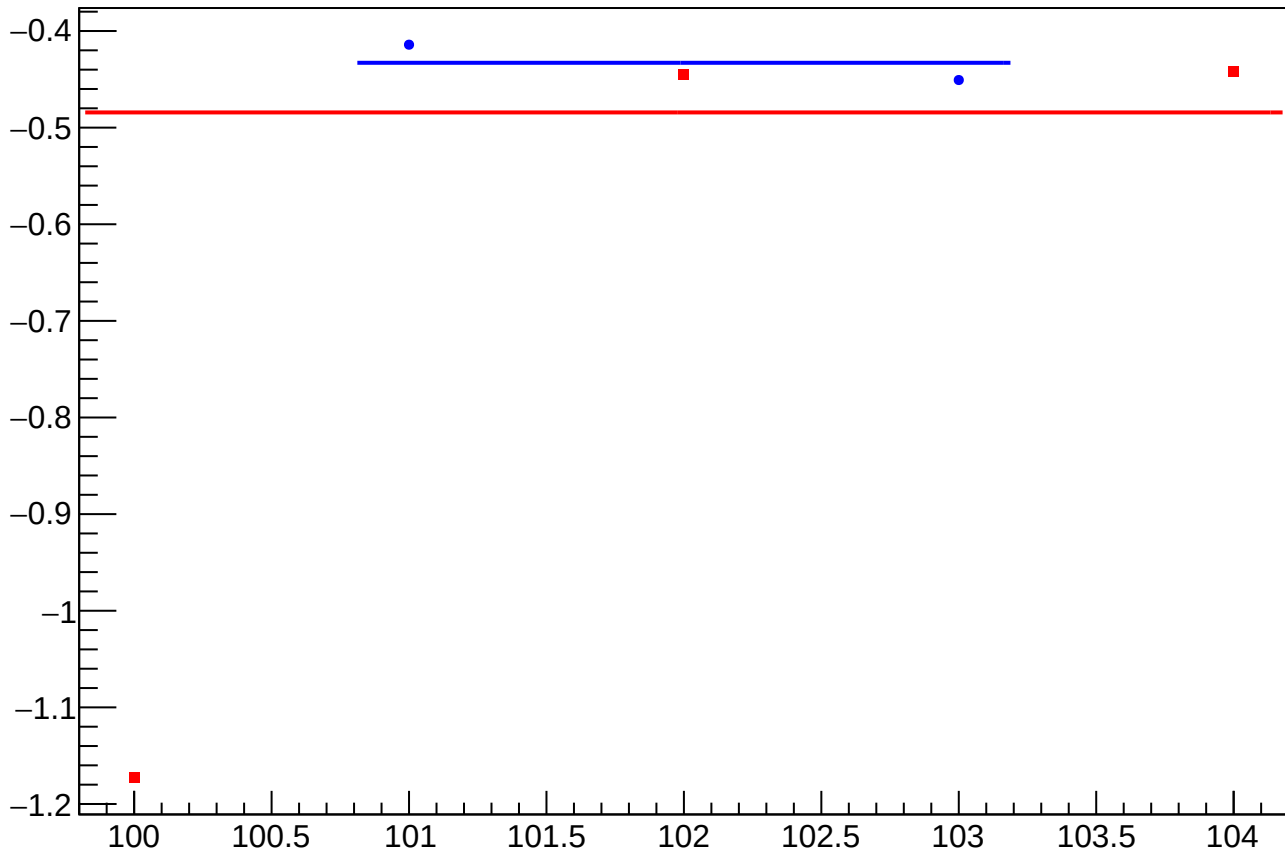
Right: 0.002+/-0.000 χ^2/NDF : 388.3/4

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 : 388.3/4

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: -0.484+/-0.000 χ^2/NDF : 206662189.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

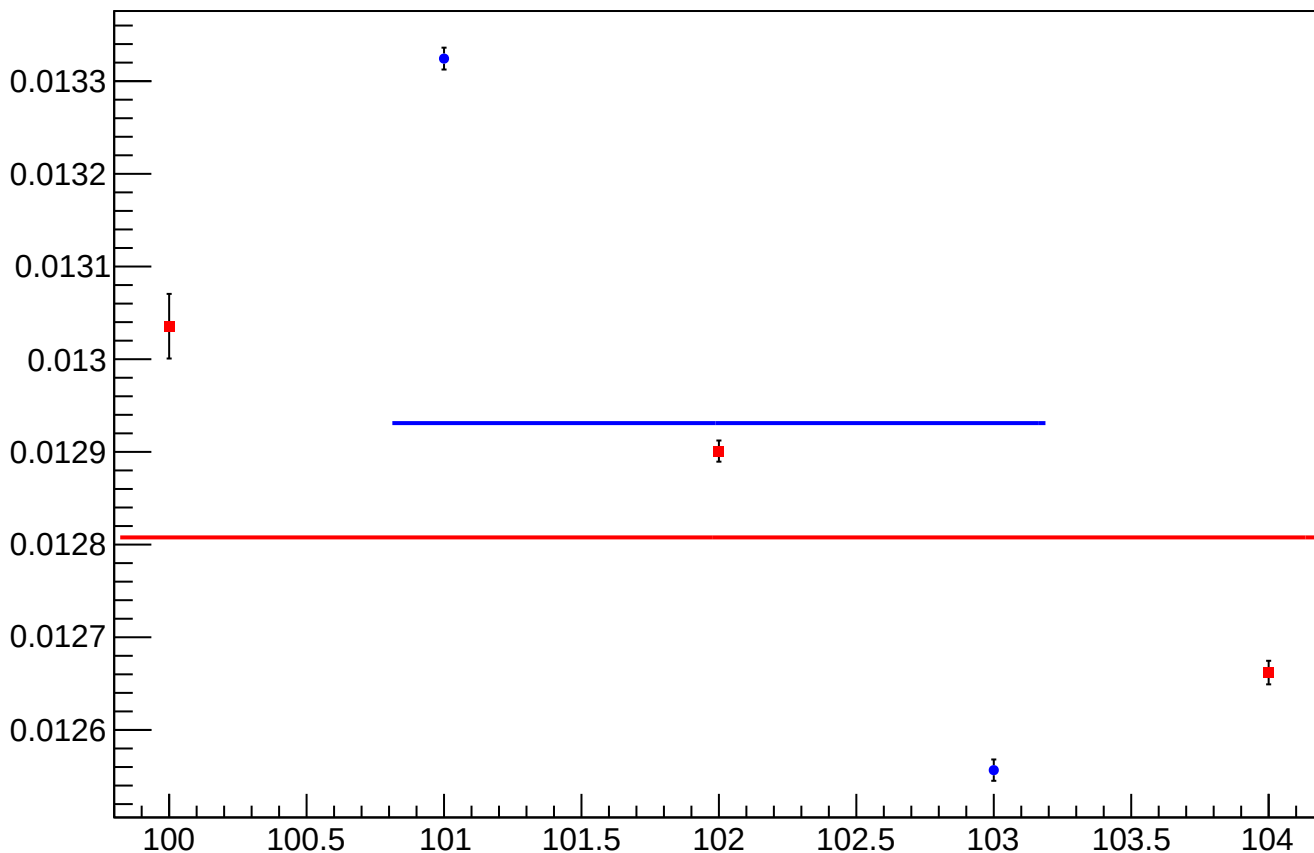
Right: -0.459+/-0.000 χ^2/NDF : 218841238.6/4

In: -0.433+/-0.000 χ^2/NDF :2464892.7/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.459+/-0.000 χ^2/NDF : 218841238.6/4

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: 0.013+/-0.000 χ^2/NDF : 241.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

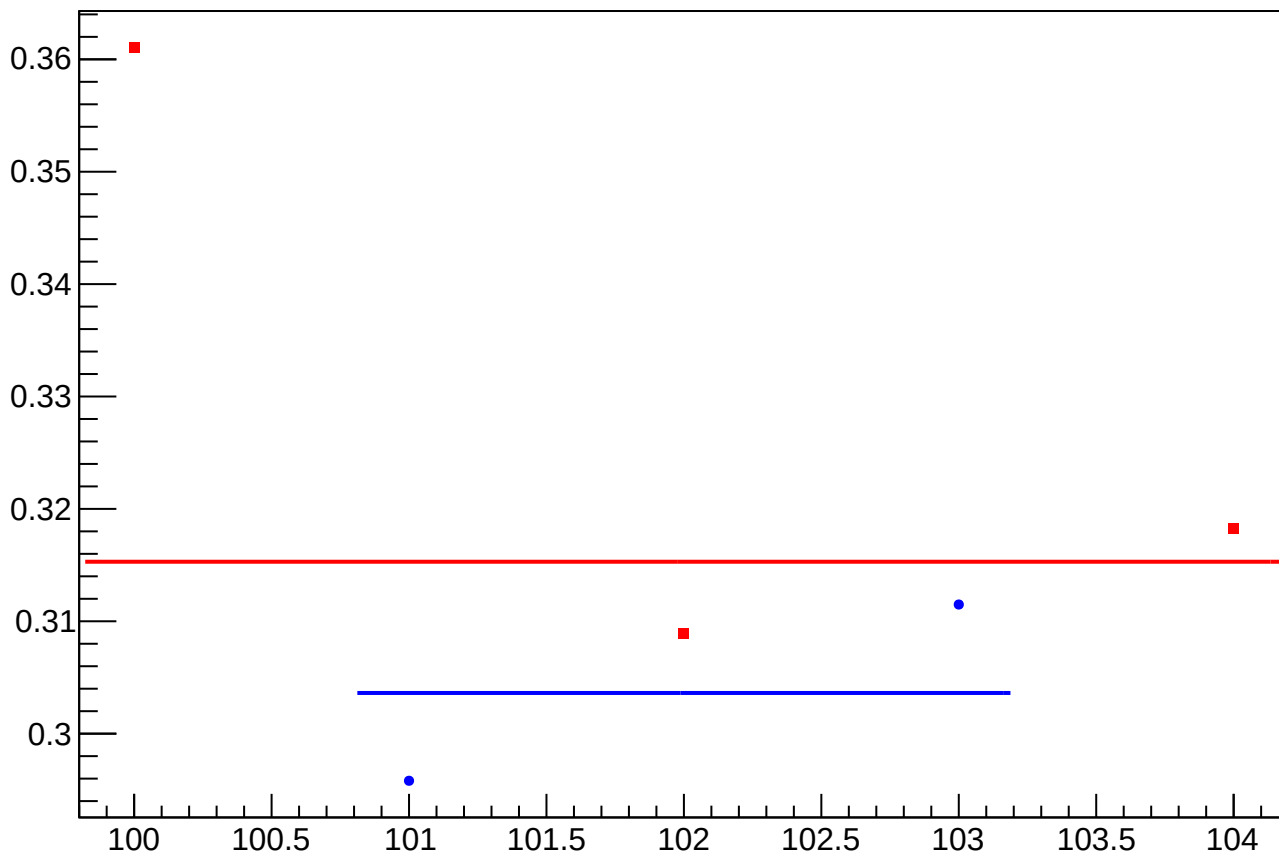
Right: 0.013+/-0.000 χ^2/NDF : 2525.1/4

In: 0.013+/-0.000 χ^2/NDF : 2172.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2525.1/4

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: 0.315+/-0.000 χ^2/NDF : 26819465.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

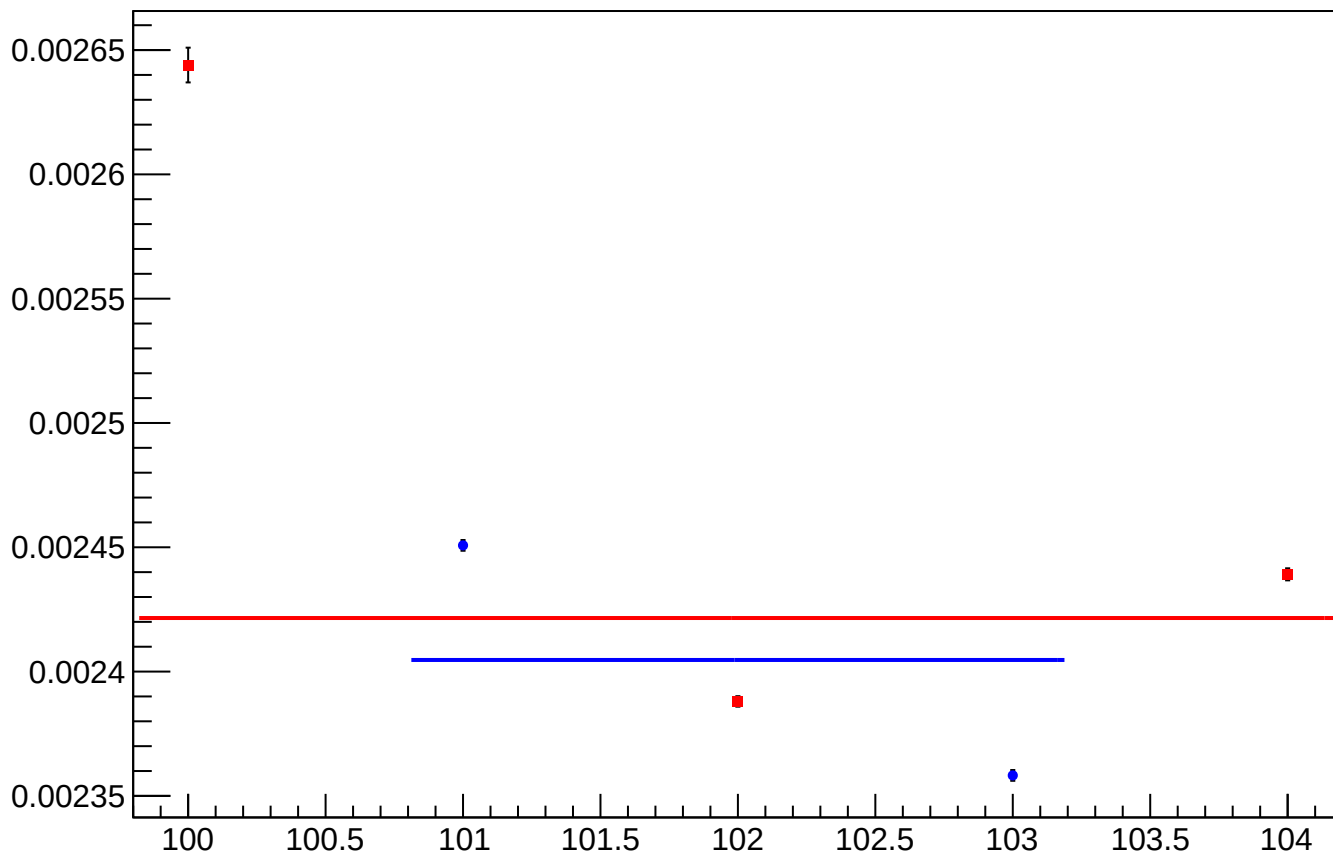
Right: 0.309+/-0.000 χ^2/NDF : 54302400.9/4

In: 0.304+/-0.000 χ^2/NDF : 13128771.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.309+/-0.000 χ^2/NDF : 54302400.9/4

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 : 1318.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

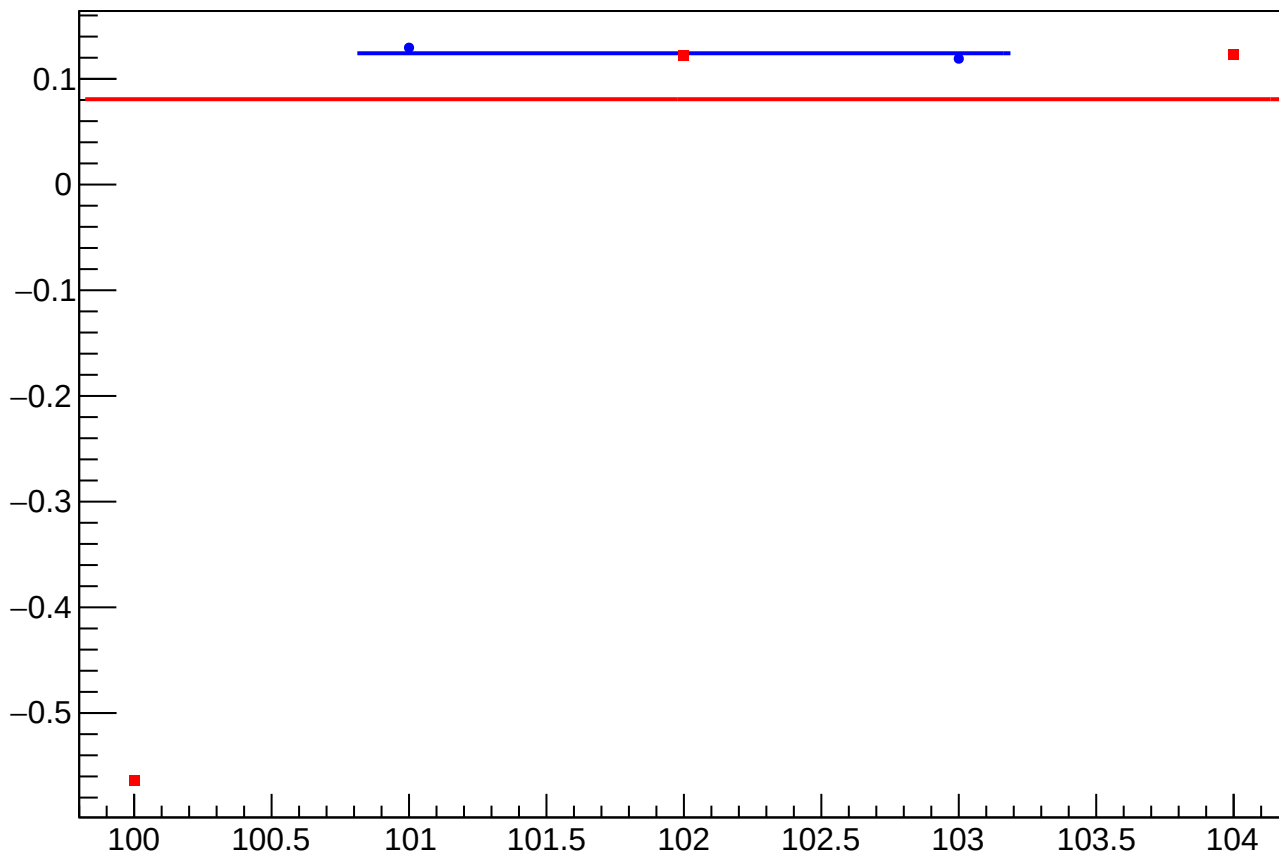
Right: 0.002+/-0.000 χ^2/NDF : 2292.7/4

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 : 2292.7/4

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: 0.081+/-0.000 χ^2 /NDF: 223663802.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

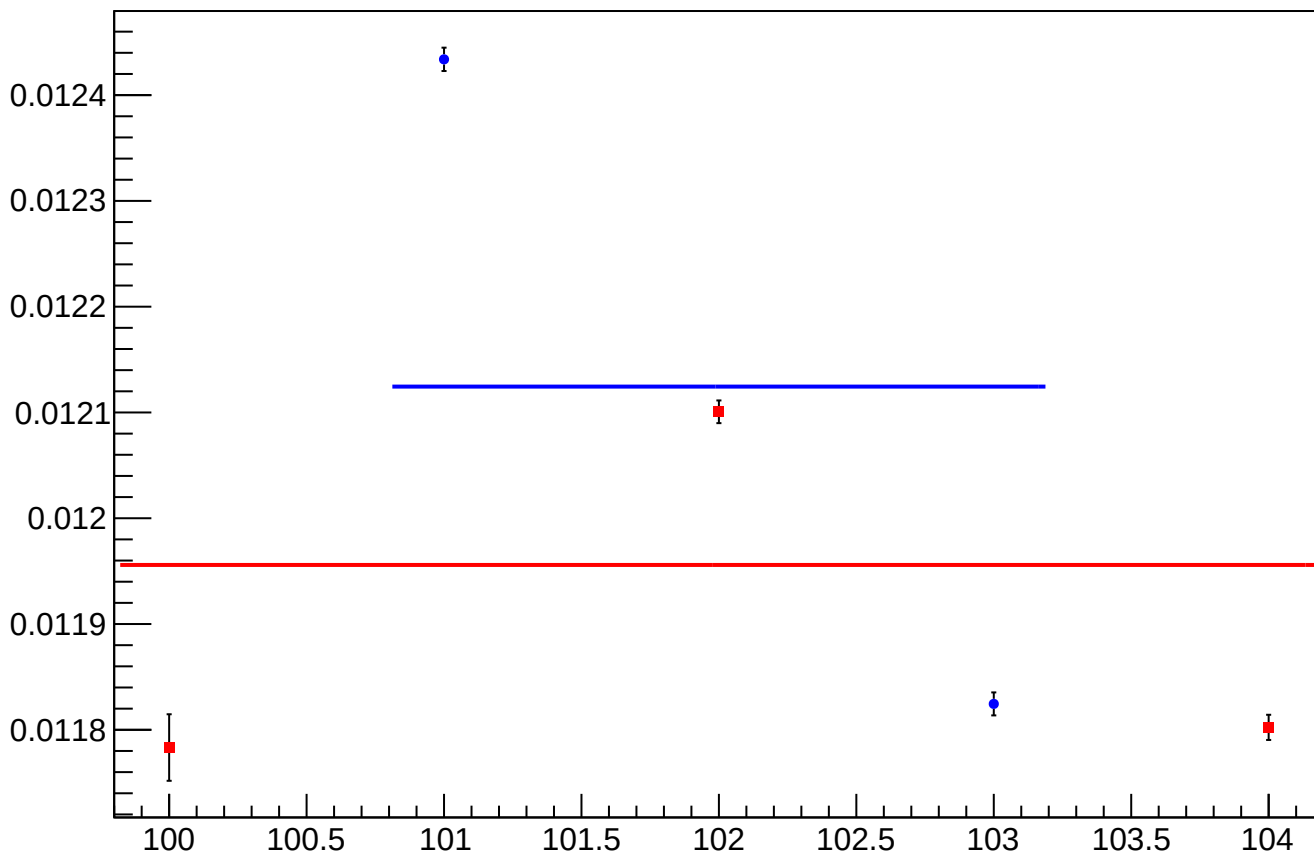
Right: 0.102+/-0.000 χ^2 /NDF: 231788524.2/4

In: 0.124+/-0.000 χ^2 /NDF:225719.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.102+/-0.000 χ^2 /NDF: 231788524.2/4

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1548.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 378.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

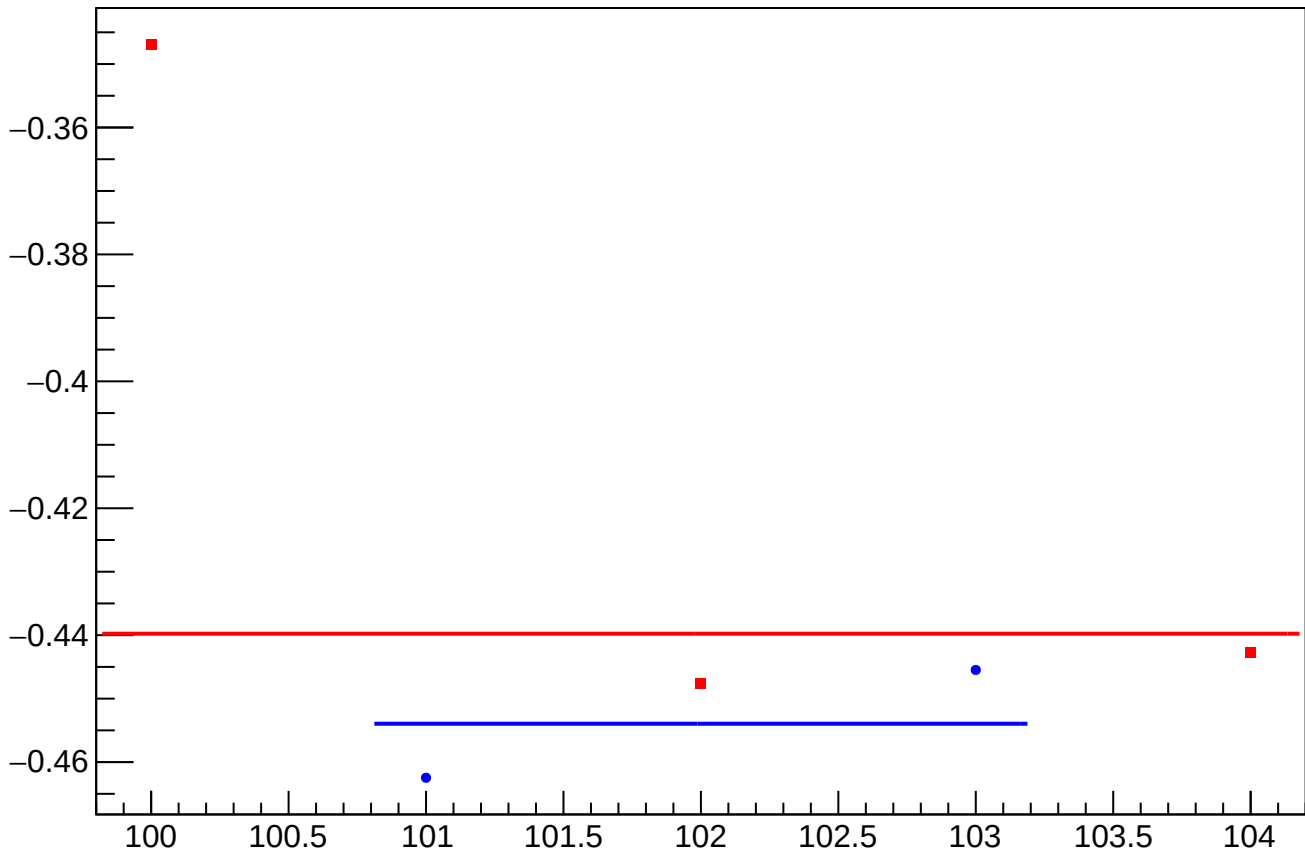
Right: 0.012+/-0.000 χ^2/NDF : 2164.7/4

In: 0.012+/-0.000 χ^2/NDF : 1548.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2164.7/4

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.454+/-0.000 χ^2/NDF : 6924994.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.440+/-0.000 χ^2/NDF : 48305796.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

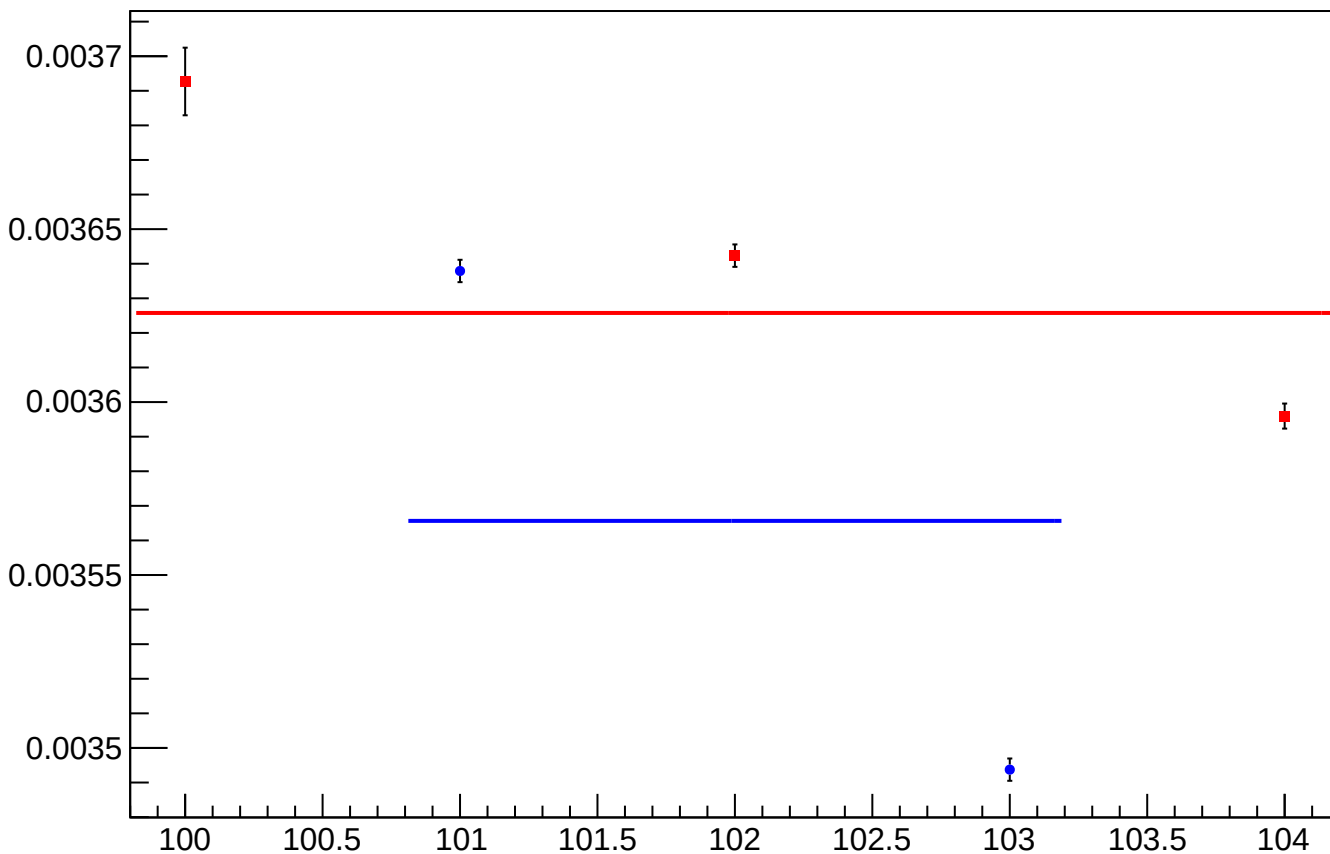
Right: -0.447+/-0.000 χ^2/NDF : 64618382.7/4

In: -0.454+/-0.000 χ^2/NDF : 6924994.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.447+/-0.000 χ^2/NDF : 64618382.7/4

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 : 140.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

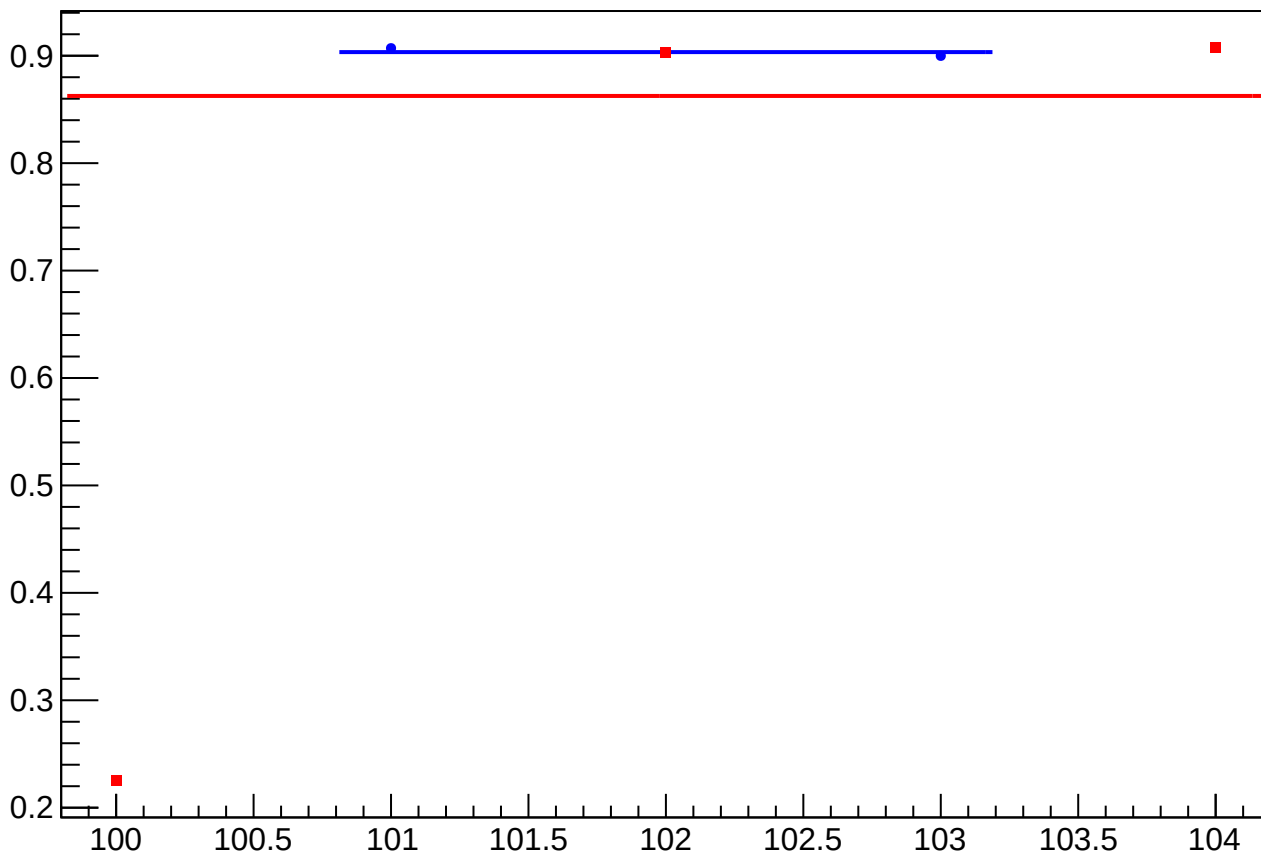
Right: 0.004+/-0.000 χ^2/NDF : 1475.6/4

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 : 1475.6/4

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.903 $\pm$ 0.000 χ^2 /NDF: 93290.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.863 $\pm$ 0.000 χ^2 /NDF: 198691763.3/2

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

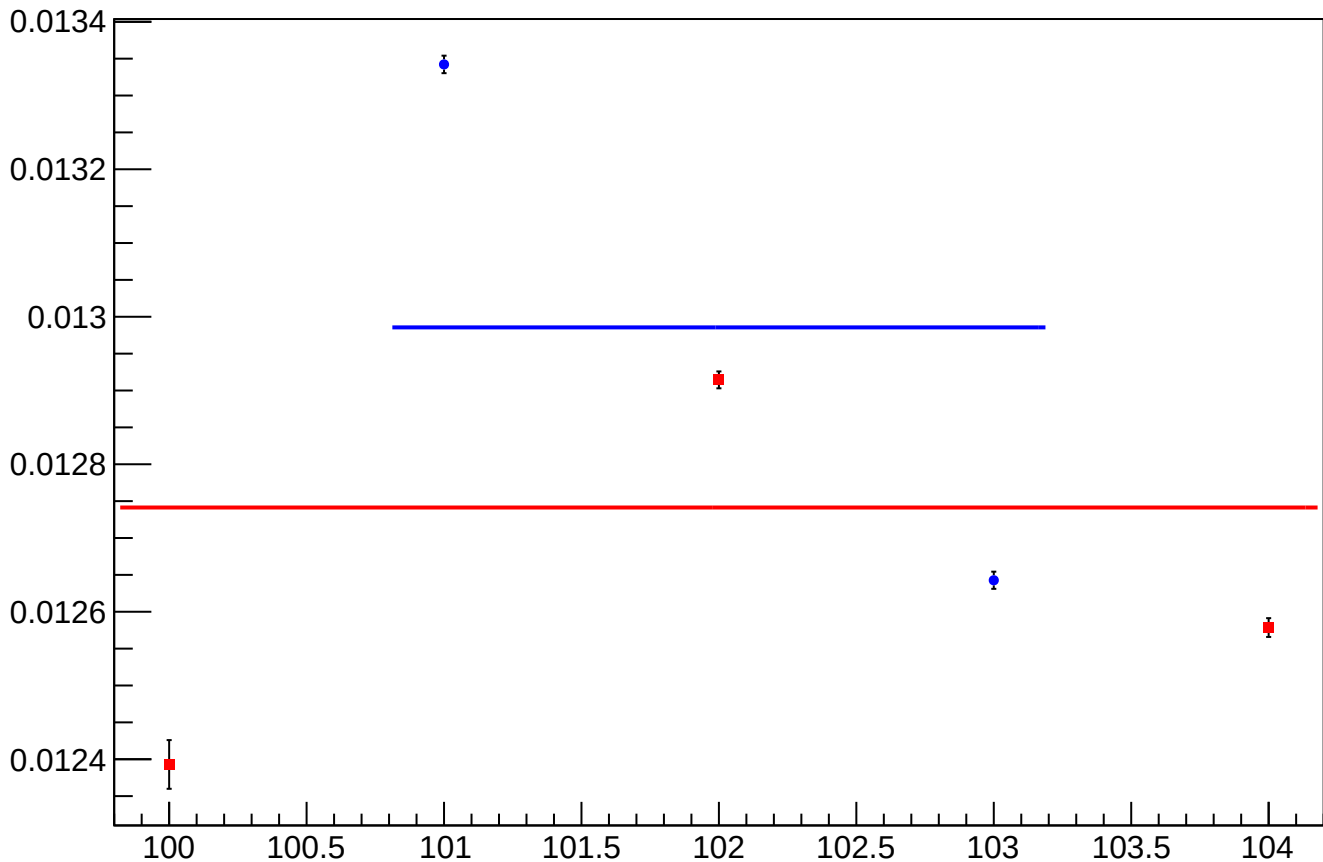
Right: 0.883 $\pm$ 0.000 χ^2 /NDF: 204867452.7/4

In: 0.903 $\pm$ 0.000 χ^2 /NDF: 93290.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.883 $\pm$ 0.000 χ^2 /NDF: 204867452.7/4

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: 0.013+/-0.000 χ^2/NDF : 503.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

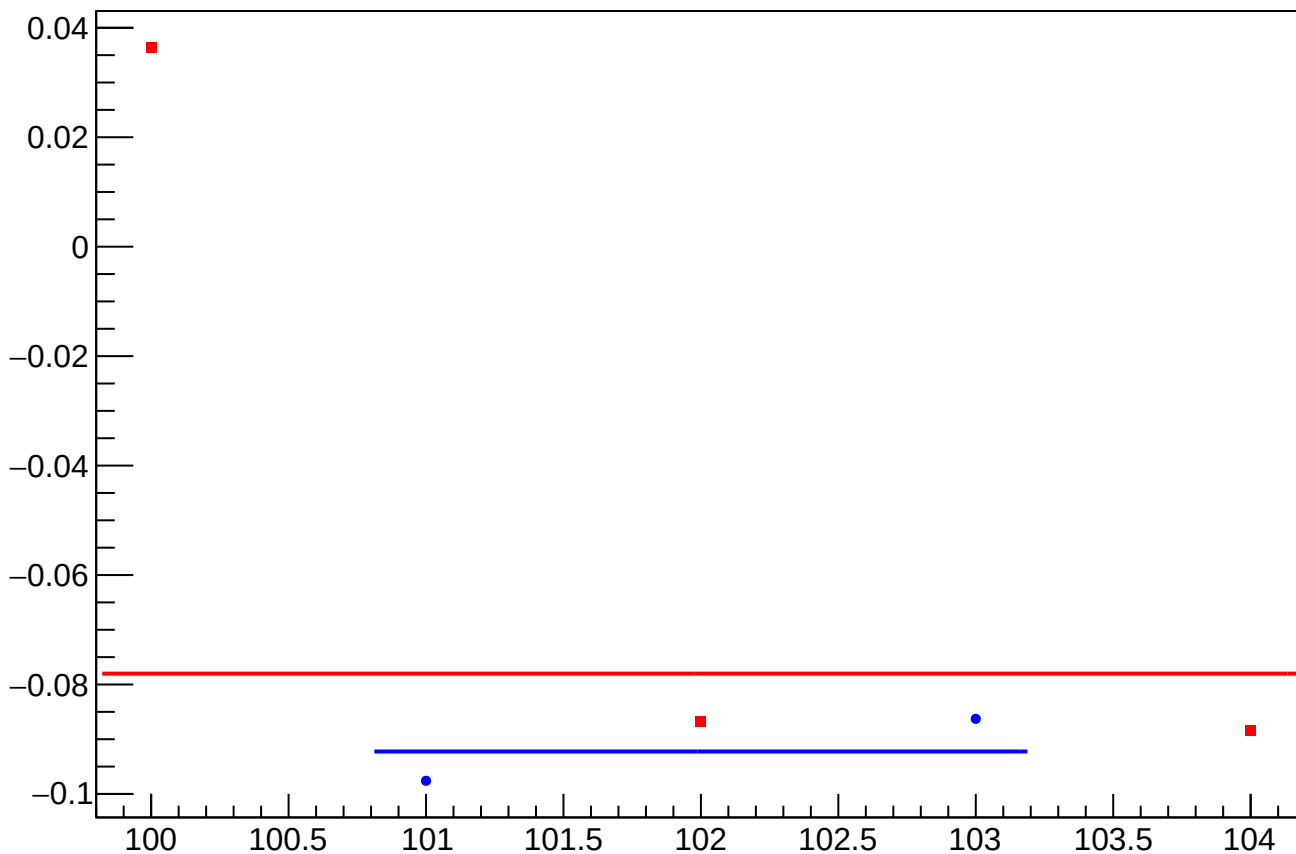
Right: 0.013+/-0.000 χ^2/NDF : 2710.7/4

In: 0.013+/-0.000 χ^2/NDF : 1772.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2710.7/4

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: -0.078+/-0.000 χ^2/NDF : 82767116.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

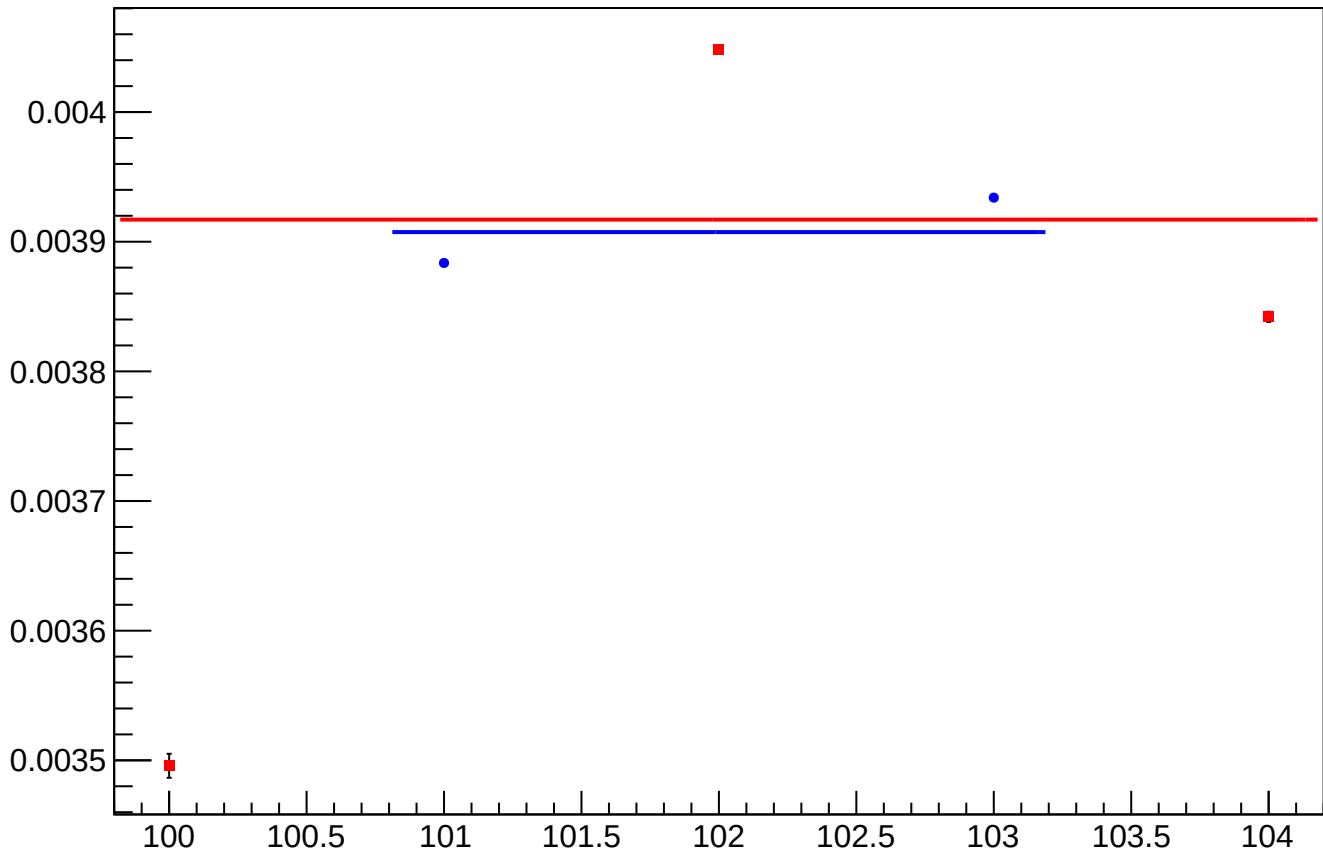
Right: -0.085+/-0.000 χ^2/NDF : 93091069.7/4

In: -0.092+/-0.000 χ^2/NDF : 2503287.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.085+/-0.000 χ^2/NDF : 93091069.7/4

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 : 3733.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

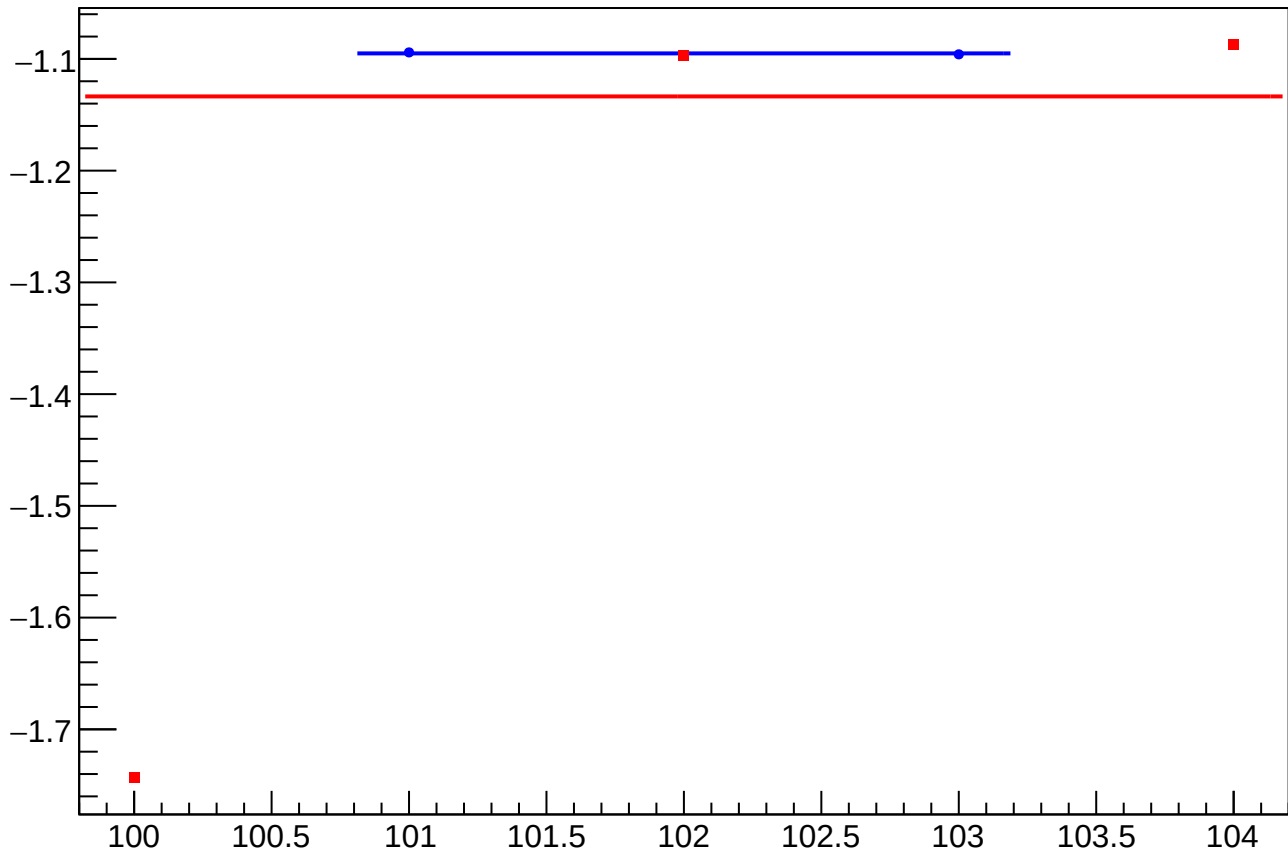
Right: 0.004+/-0.000 χ^2/NDF : 3840.2/4

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 : 3840.2/4

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: -1.134+/-0.000 χ^2/NDF : 208975811.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

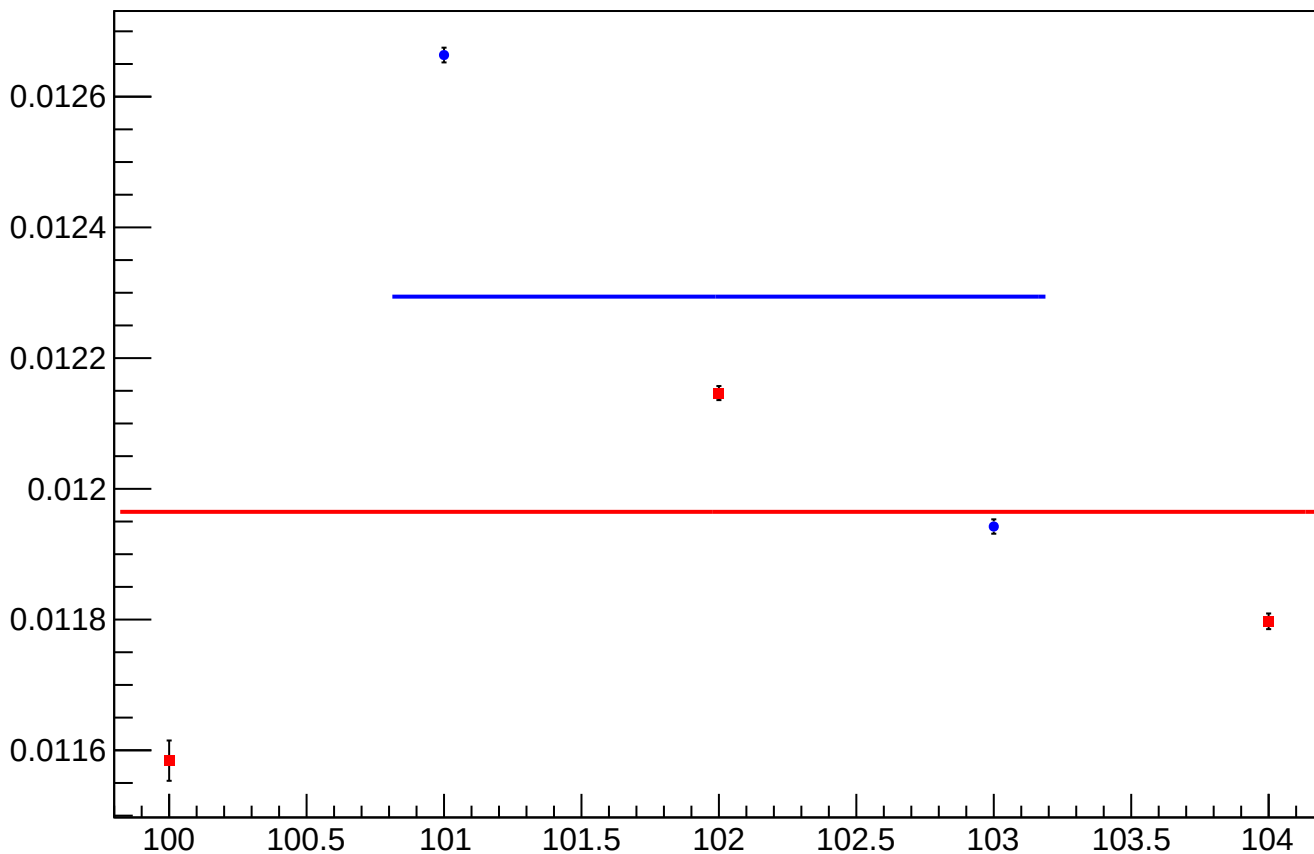
Right: -1.115+/-0.000 χ^2/NDF : 215049827.3/4

In: -1.095+/-0.000 χ^2/NDF : 6000.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.115+/-0.000 χ^2/NDF : 215049827.3/4

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 2094.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 632.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

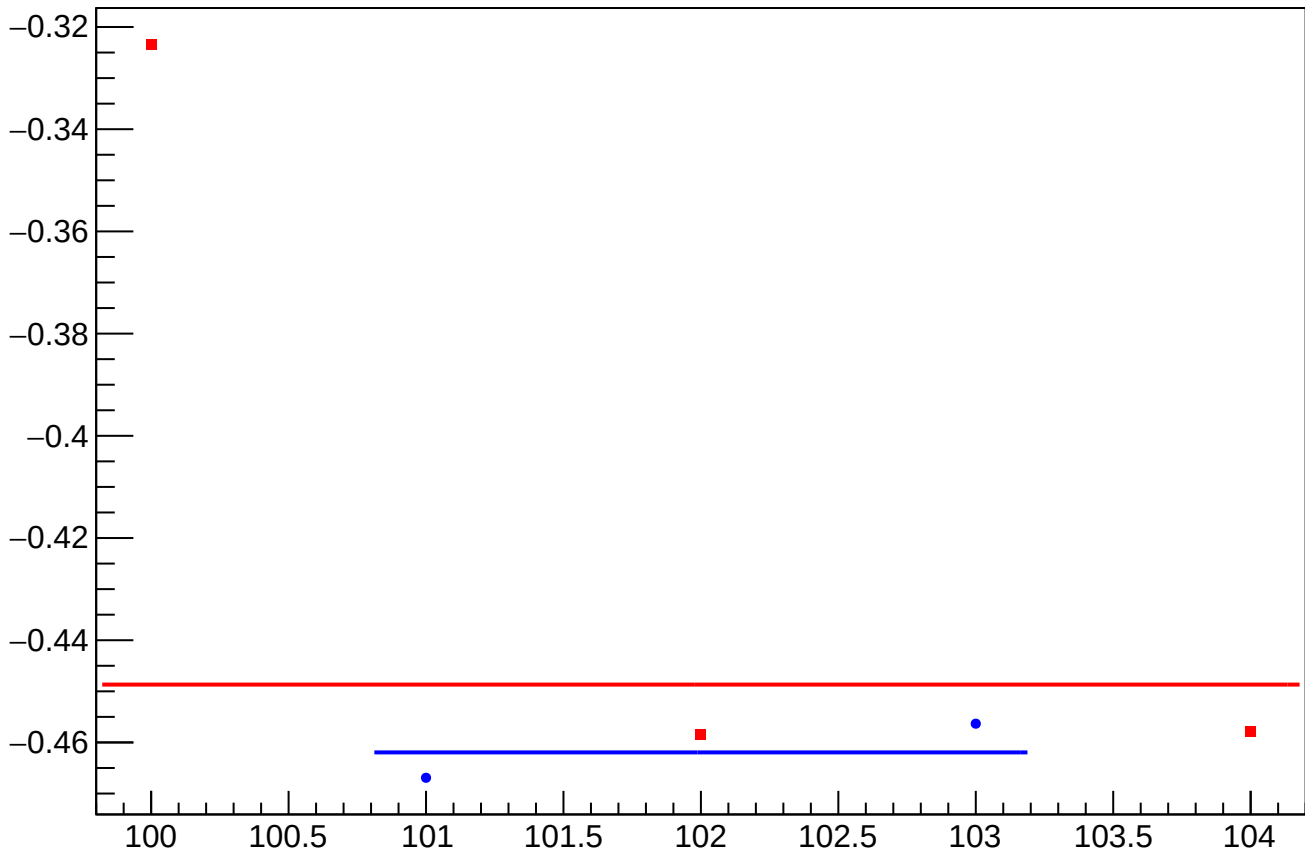
Right: 0.012+/-0.000 χ^2/NDF : 3613.9/4

In: 0.012+/-0.000 χ^2/NDF : 2094.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 3613.9/4

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: -0.449+/-0.000 χ^2/NDF : 10277762.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

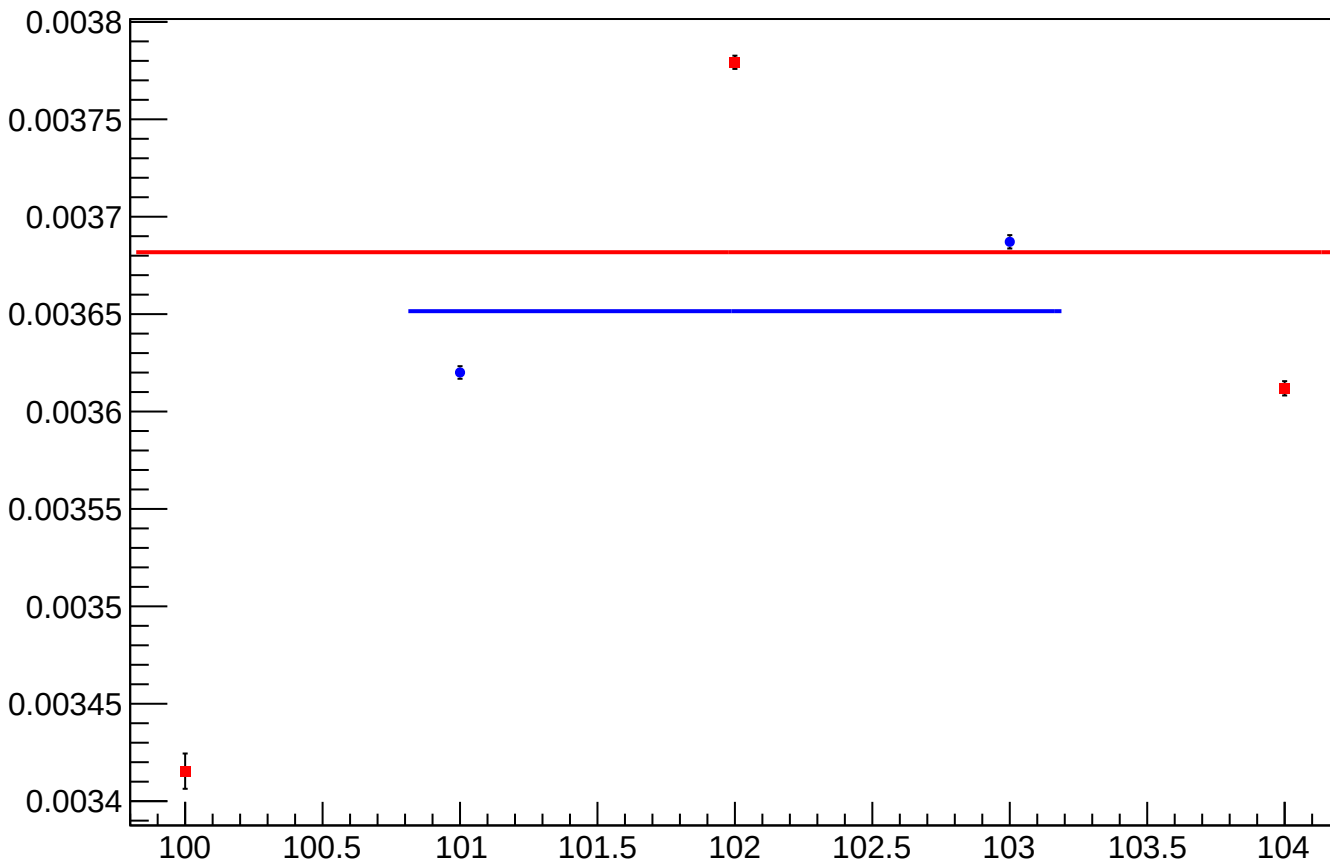
Right: -0.455+/-0.000 χ^2/NDF : 113070730.9/4

In: -0.462+/-0.000 χ^2/NDF : 2520200.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.455+/-0.000 χ^2/NDF : 113070730.9/4

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 : 2048.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

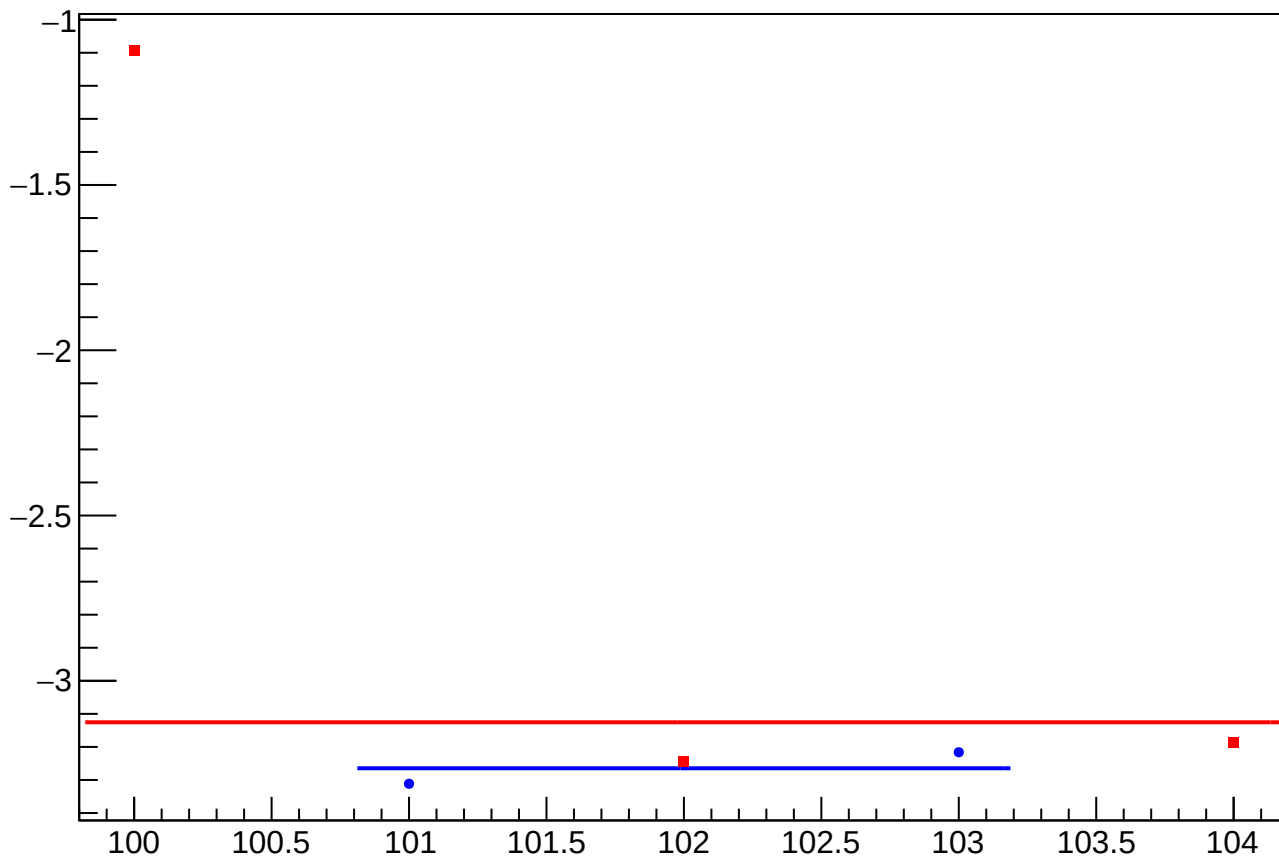
Right: 0.004+/-0.000 χ^2/NDF : 2331.2/4

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 : 2331.2/4

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: -3.125+/-0.000 χ^2/NDF : 42794759.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

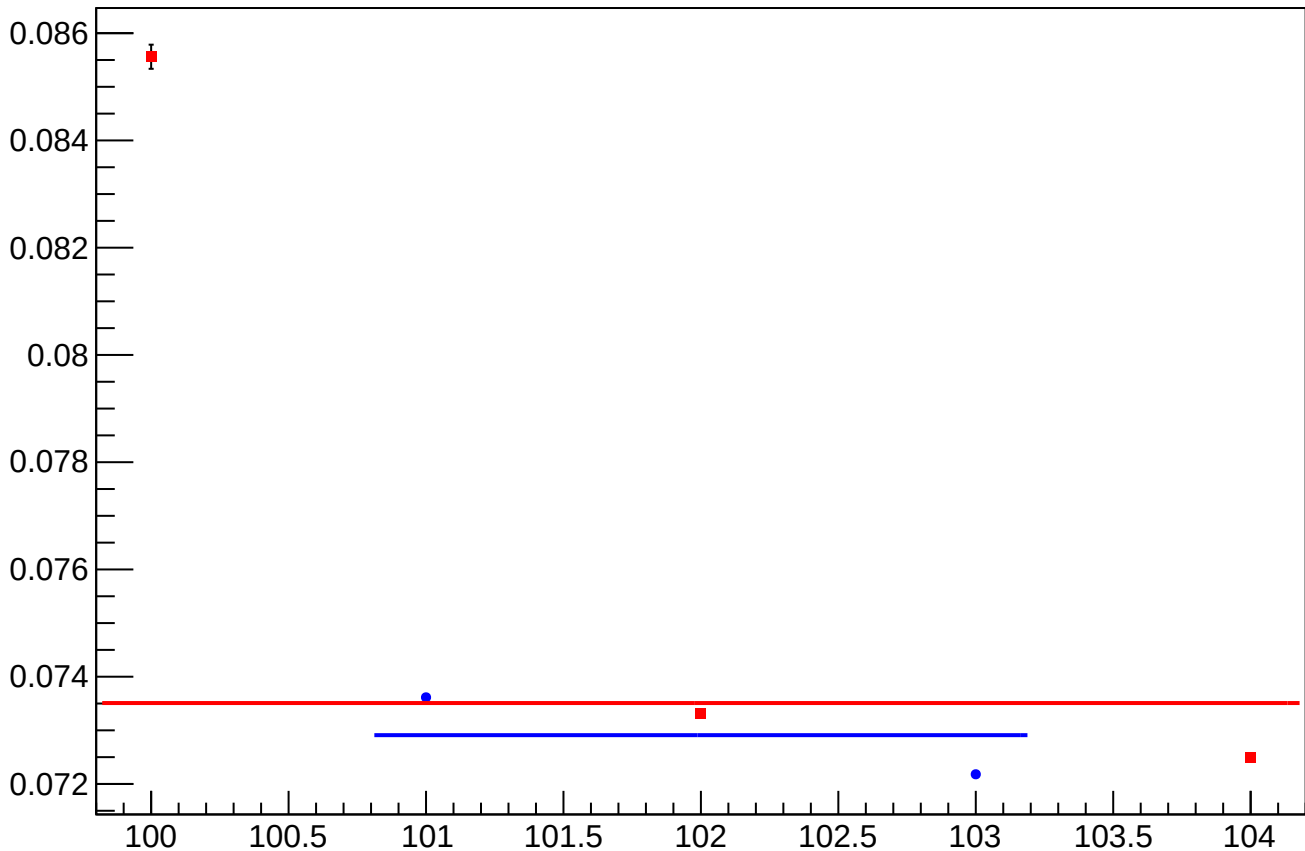
Right: -3.197+/-0.000 χ^2/NDF : 45555953.7/4

In: -3.265+/-0.000 χ^2/NDF : 534943.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.197+/-0.000 χ^2/NDF : 45555953.7/4

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: 0.074+/-0.000 χ^2/NDF : 3073.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

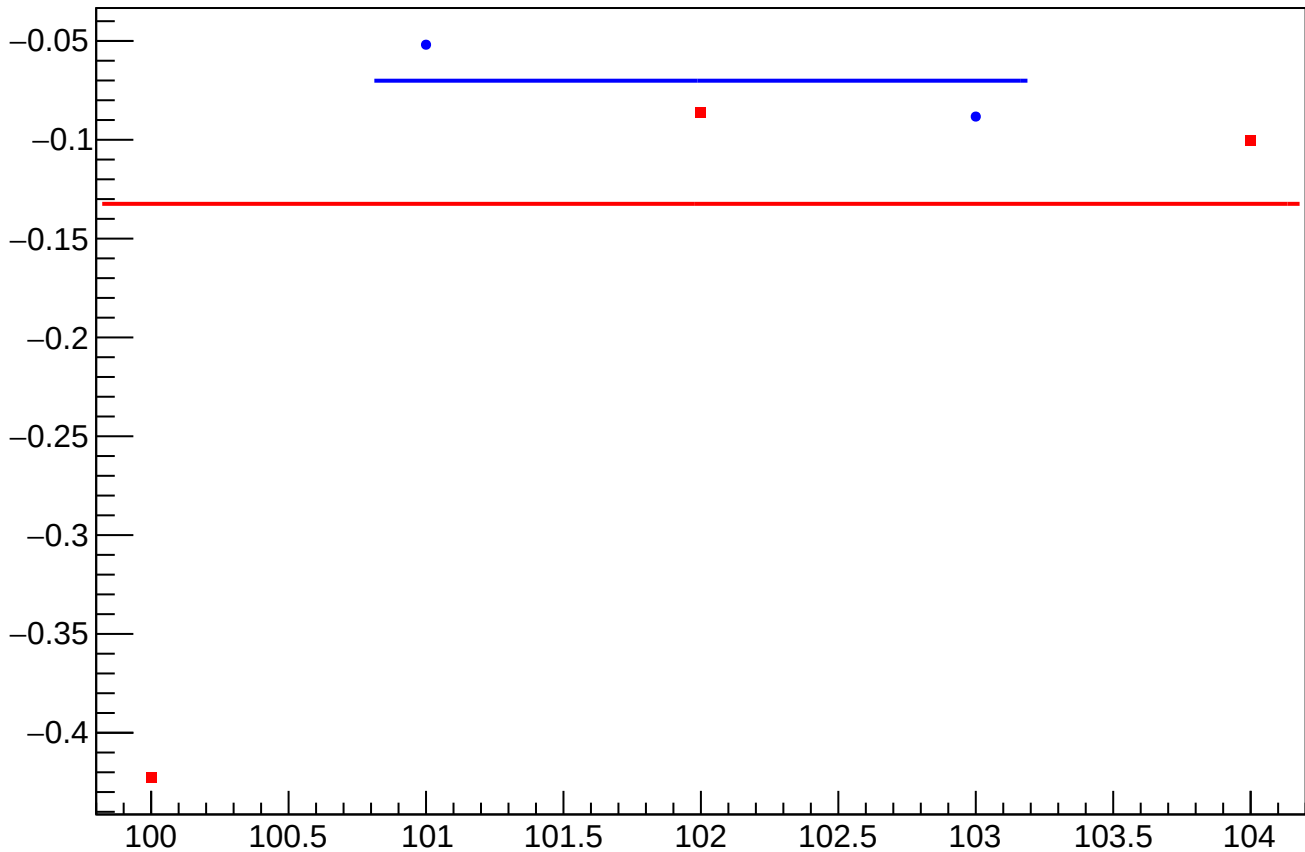
Right: 0.073+/-0.000 χ^2/NDF : 3397.8/4

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 : 3397.8/4

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: -0.132+/-0.000 χ^2/NDF : 191928809.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

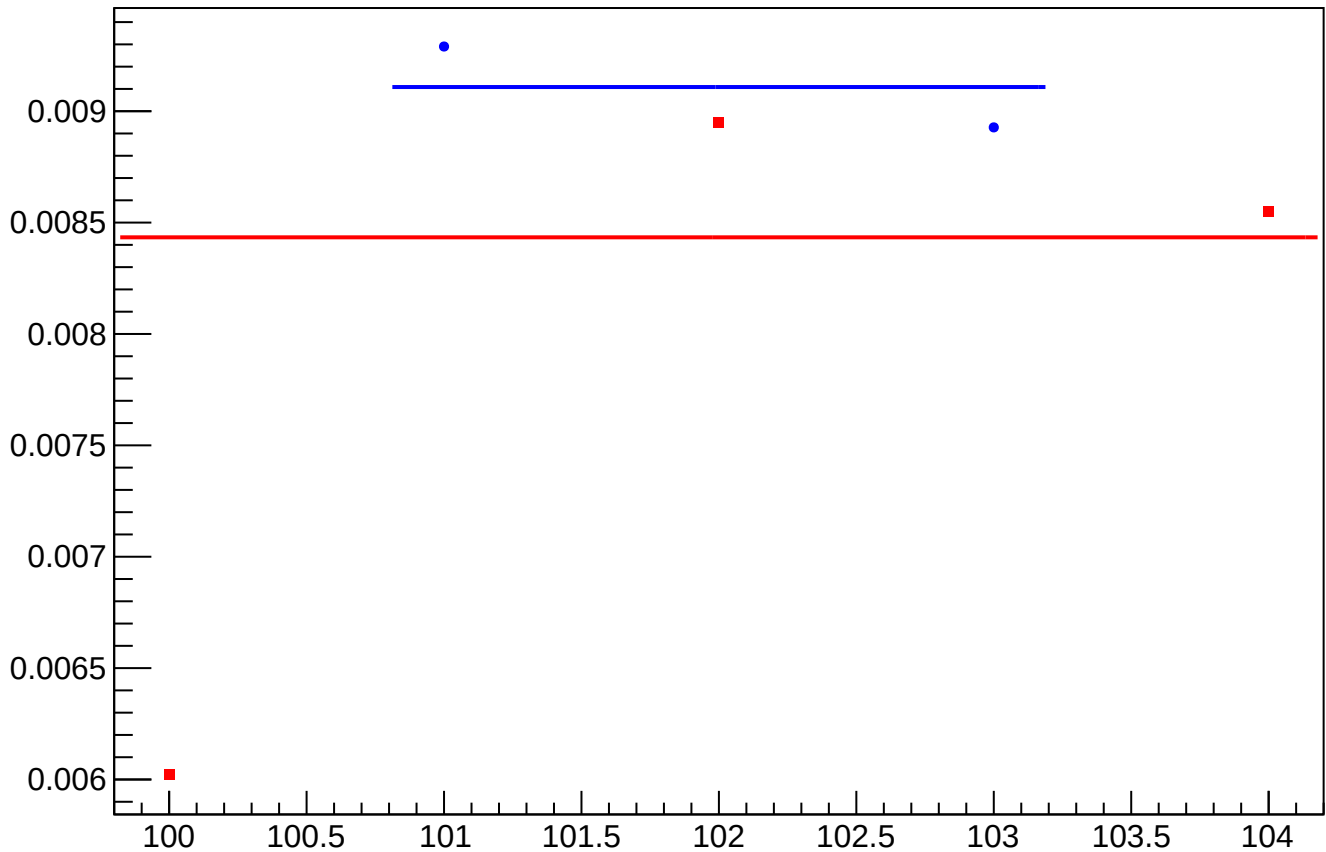
Right: -0.103+/-0.000 χ^2/NDF : 226797165.8/4

In: -0.070+/-0.000 χ^2/NDF :4821783.1/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.103+/-0.000 χ^2/NDF : 226797165.8/4

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: 0.008+/-0.000 χ^2/NDF : 27496.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

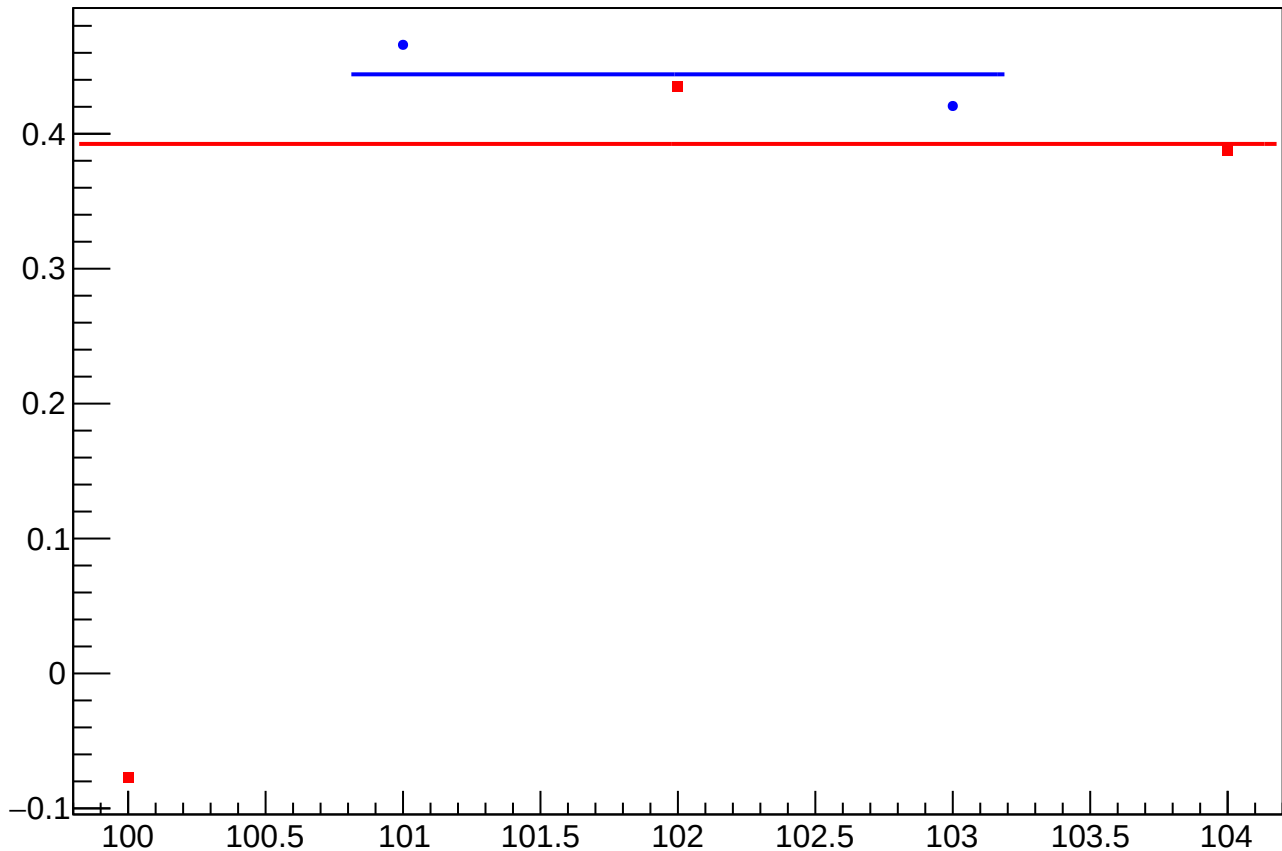
Right: 0.009+/-0.000 χ^2/NDF : 35506.2/4

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 : 35506.2/4

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: 0.392+/-0.000 χ^2/NDF : 1621949.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

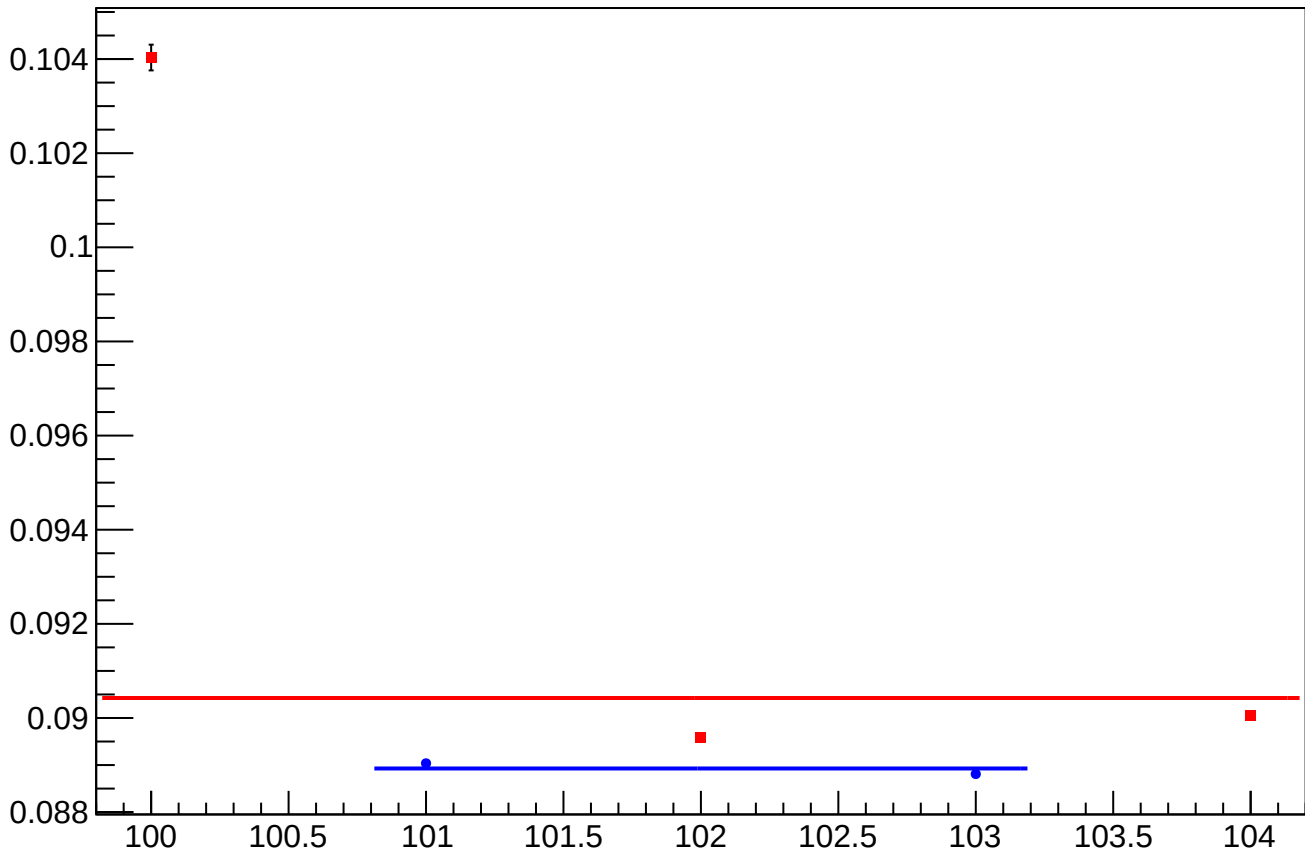
Right: 0.419+/-0.000 χ^2/NDF : 1908544.7/4

In: 0.444+/-0.000 χ^2/NDF : 81531.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.419+/-0.000 χ^2/NDF : 1908544.7/4

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: 0.090+/-0.000 χ^2/NDF : 2609.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

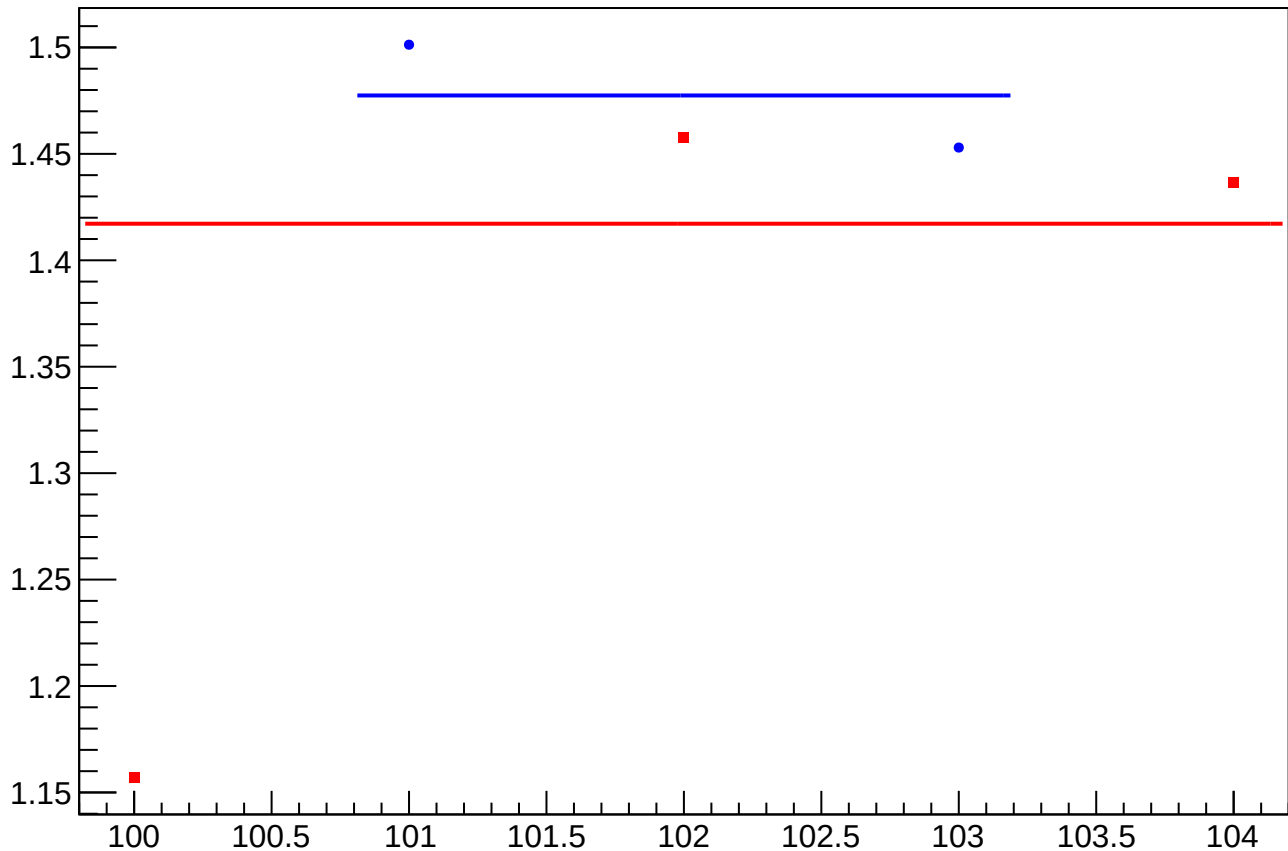
Right: 0.090+/-0.000 χ^2/NDF : 2959.4/4

In: 0.089+/-0.000 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.090+/-0.000 χ^2/NDF : 2959.4/4

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: 1.417+/-0.000 χ^2/NDF : 60683748.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

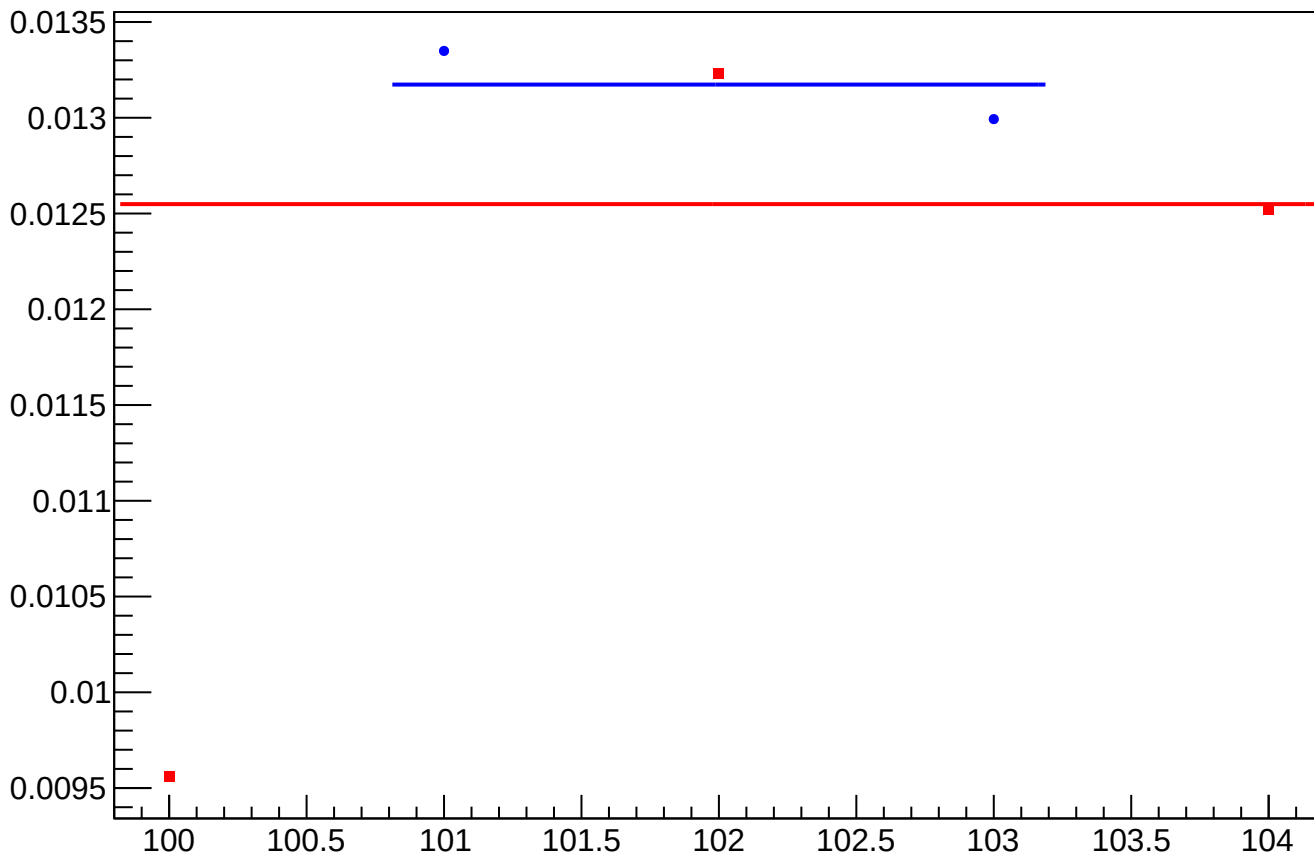
Right: 1.446+/-0.000 χ^2/NDF : 77985865.3/4

In: 1.477+/-0.000 χ^2/NDF : 4102463.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.446+/-0.000 χ^2/NDF : 77985865.3/4

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 : 17539.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

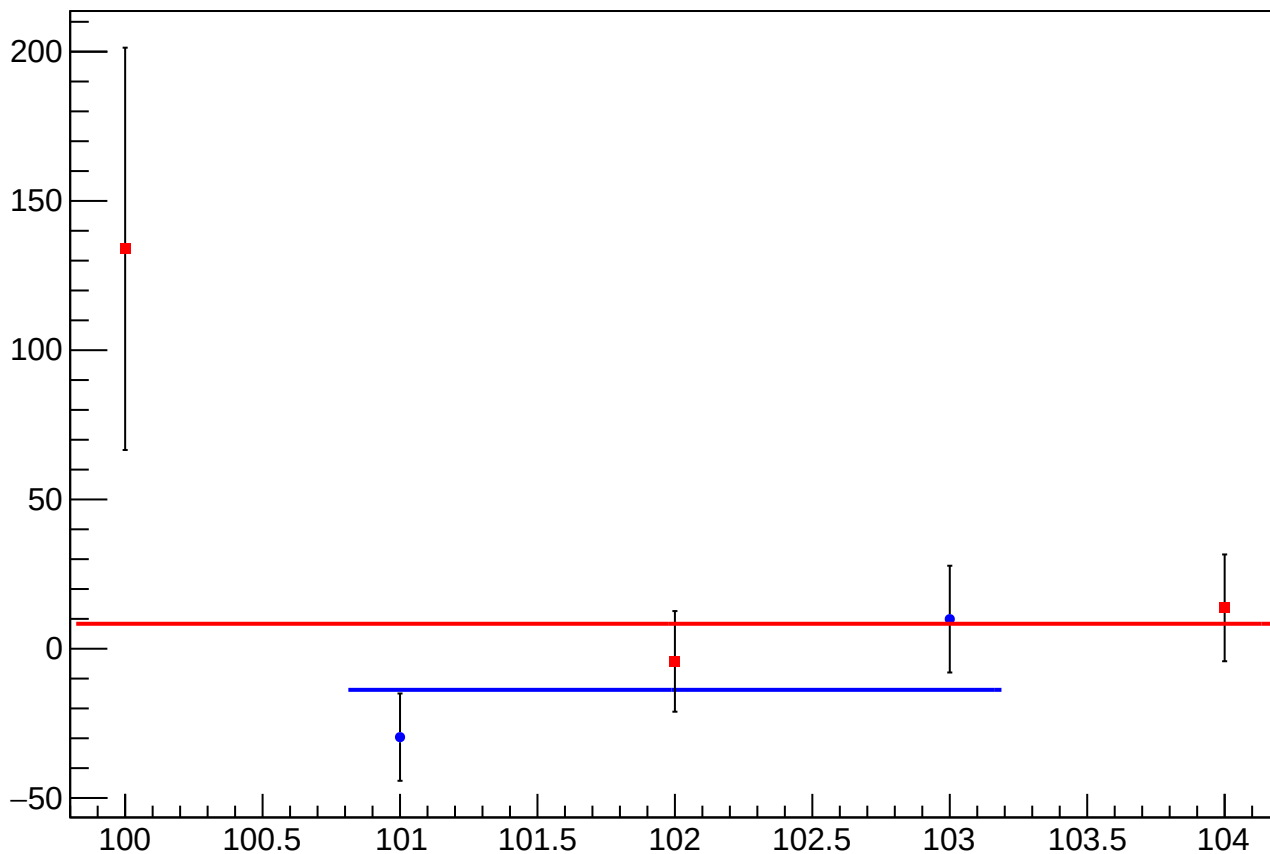
Right: 0.013+/-0.000 χ^2/NDF : 20817.9/4

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 : 20817.9/4

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -13.773 +/- 11.320 χ^2/NDF : 2.9/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 8.358 +/- 12.068 χ^2/NDF : 4.1/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

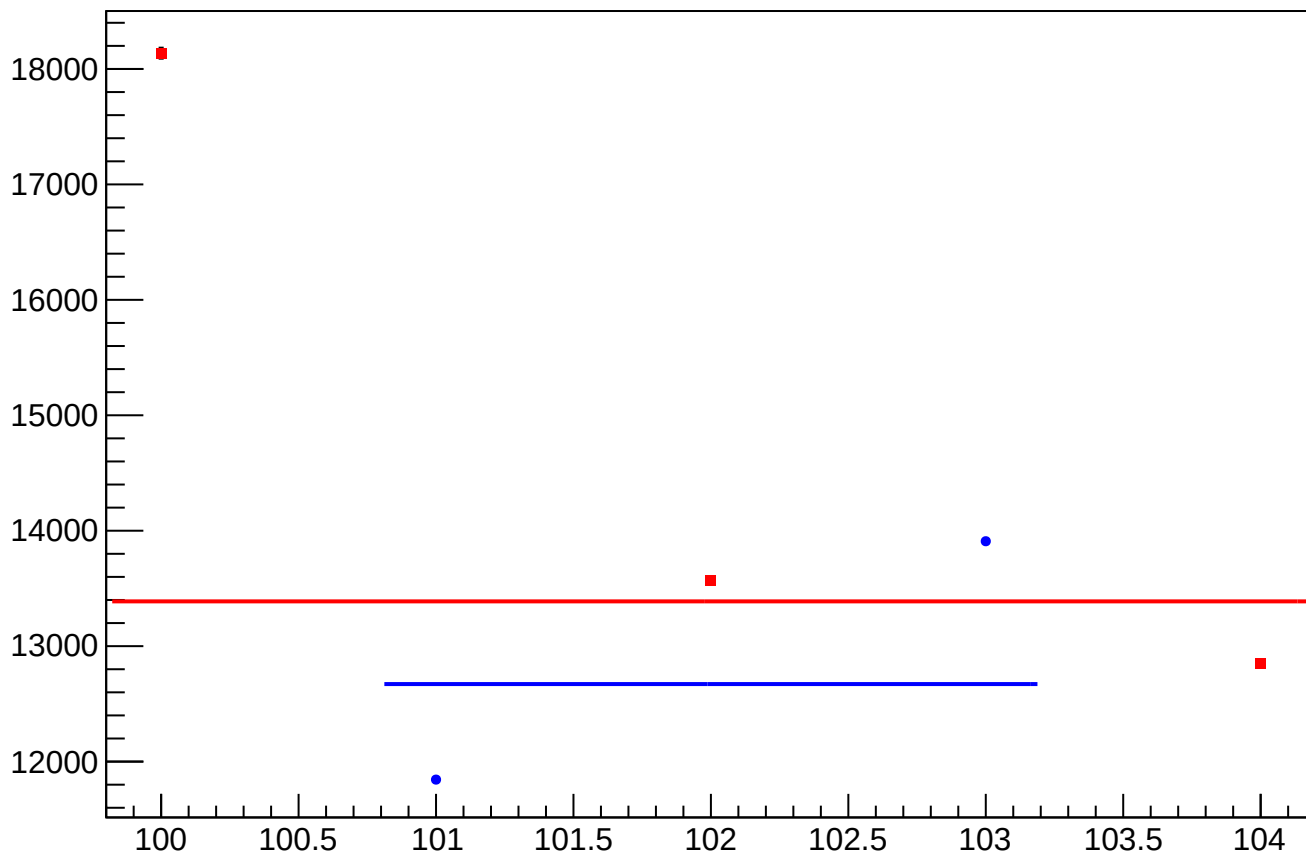
Right: -3.415 +/- 8.256 χ^2/NDF : 8.8/4

In: -13.773 +/- 11.320 χ^2/NDF : 2.9/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -3.415 +/- 8.256 χ^2/NDF : 8.8/4

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 12671.585+/-8.004 χ^2/NDF : 15983.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13387.934+/-8.534 χ^2/NDF : 12005.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

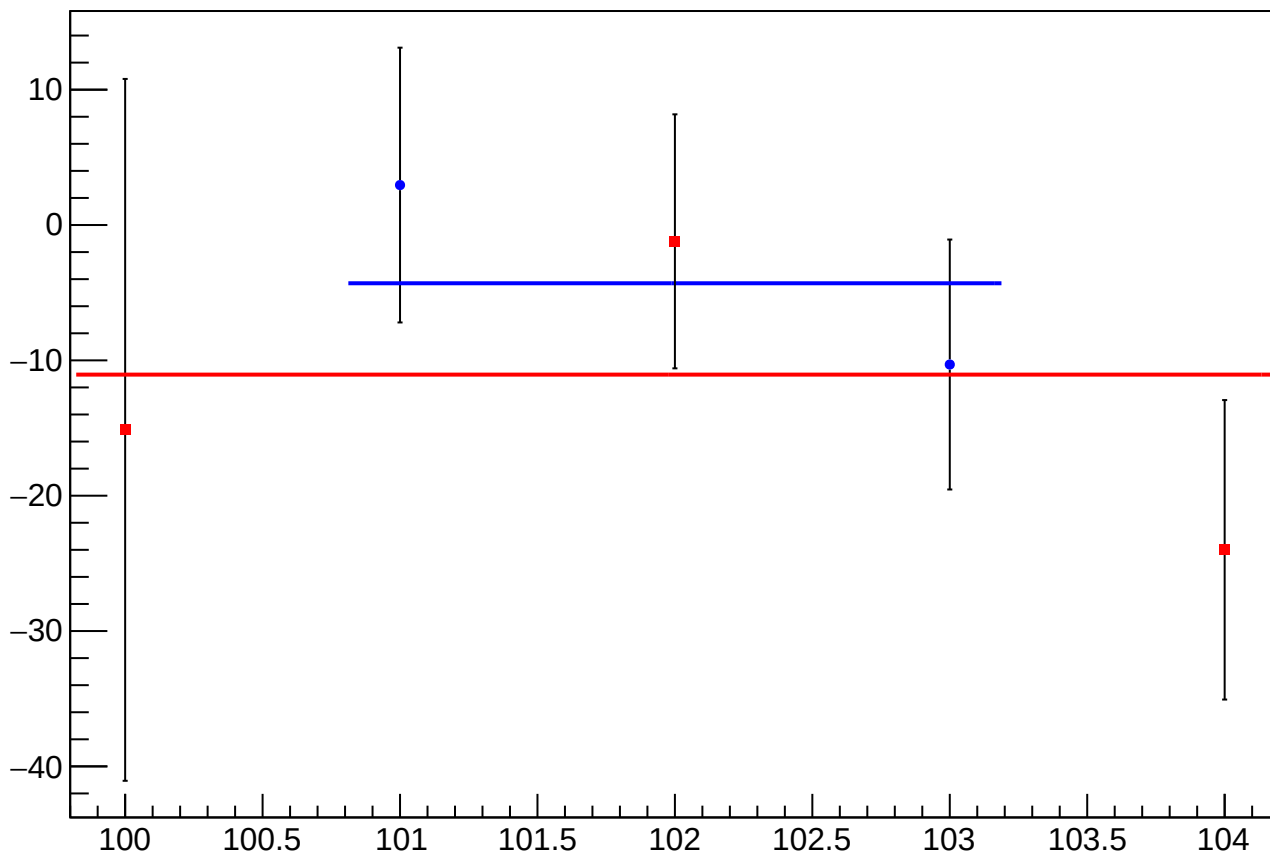
Right: 13006.857+/-5.838 χ^2/NDF : 31738.2/4

In: 12671.585+/-8.004 χ^2/NDF : 15983.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13006.857+/-5.838 χ^2/NDF : 31738.2/4

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -4.304 $\pm$ 6.831 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.053 $\pm$ 6.899 χ^2 /NDF: 2.5/2

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

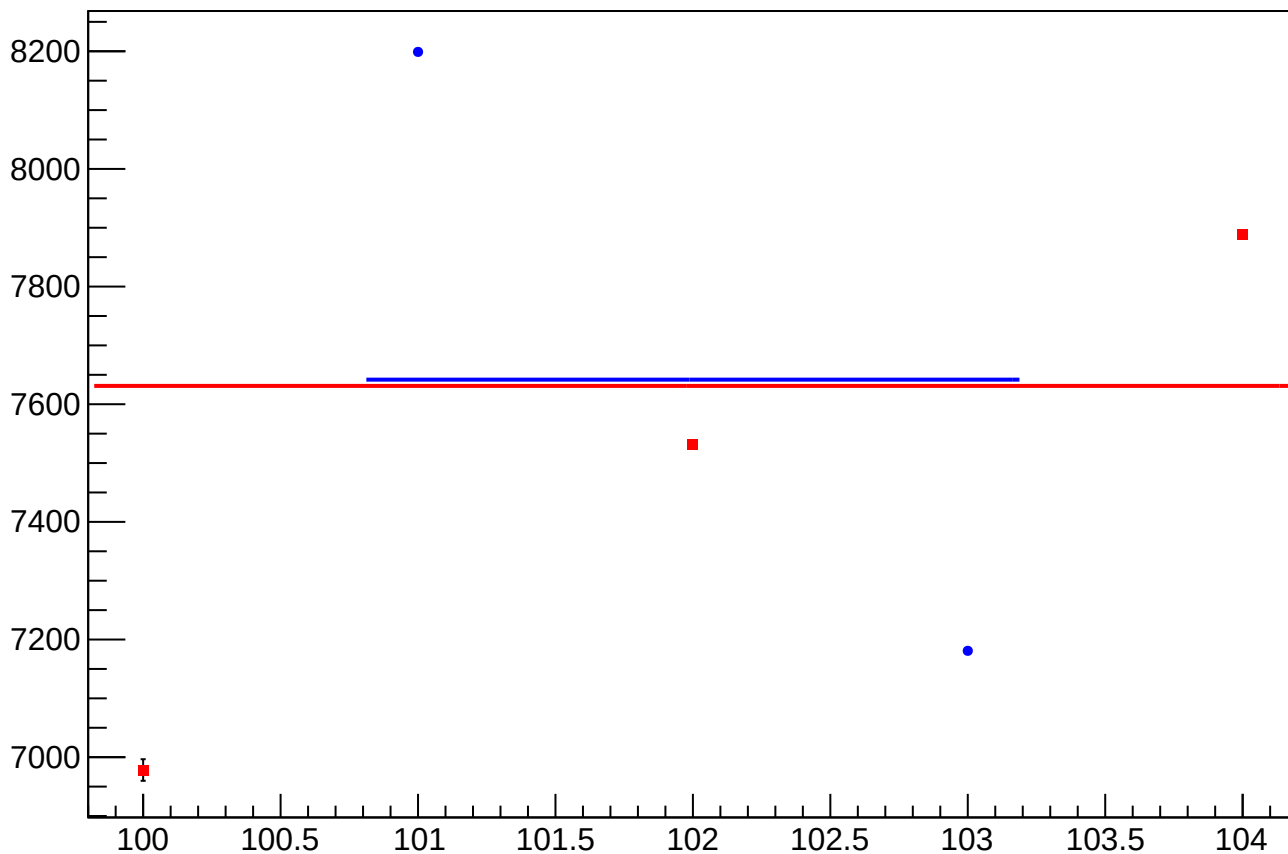
Right: -7.645 $\pm$ 4.854 χ^2 /NDF: 3.9/4

In: -4.304 $\pm$ 6.831 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.645 $\pm$ 4.854 χ^2 /NDF: 3.9/4

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: 7631.148+/-4.878 χ^2/NDF : 2568.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

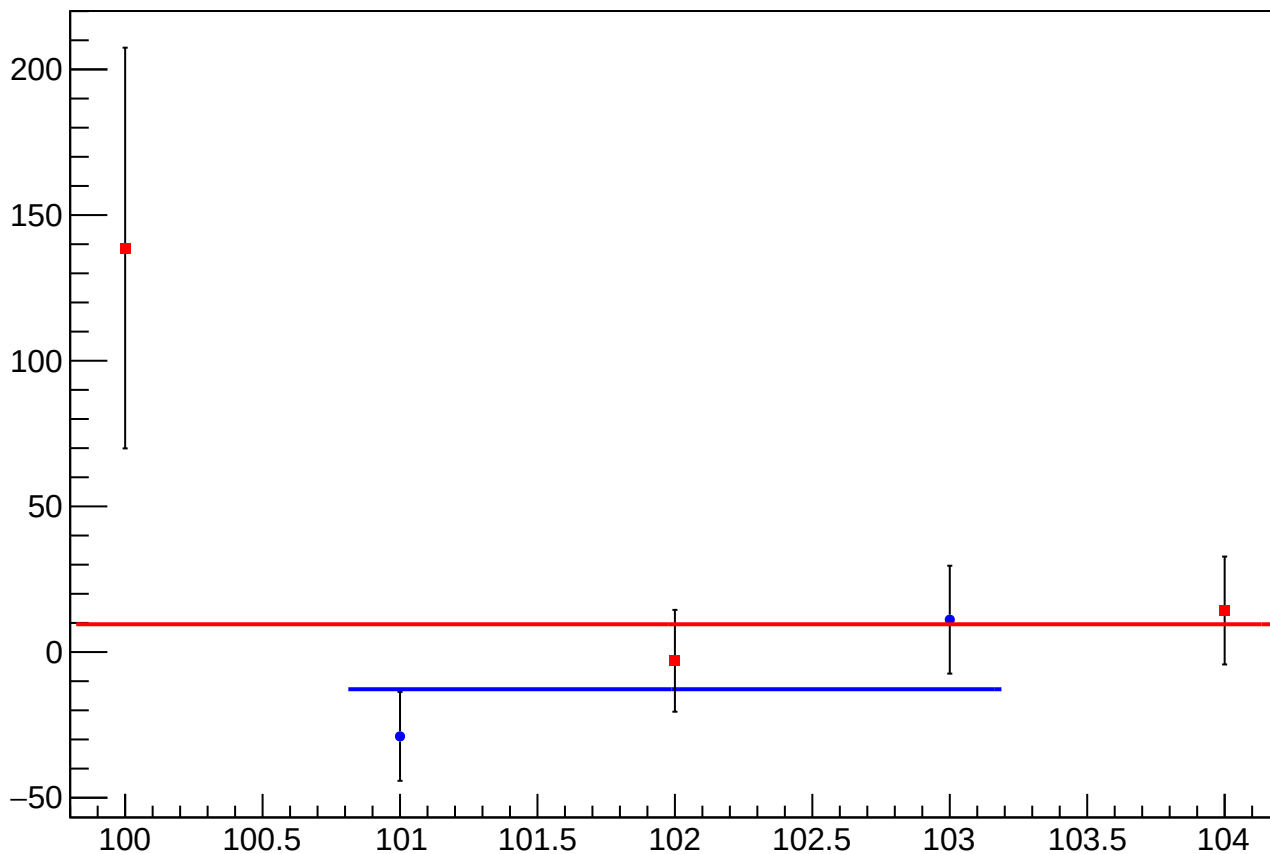
Right: 7636.518+/-3.432 χ^2/NDF : 13579.4/4

In: 7641.784+/-4.830 χ^2/NDF : 11008.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7636.518+/-3.432 χ^2/NDF : 13579.4/4

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: 9.544 $\pm$ 12.499 χ^2 /NDF: 4.1/2

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

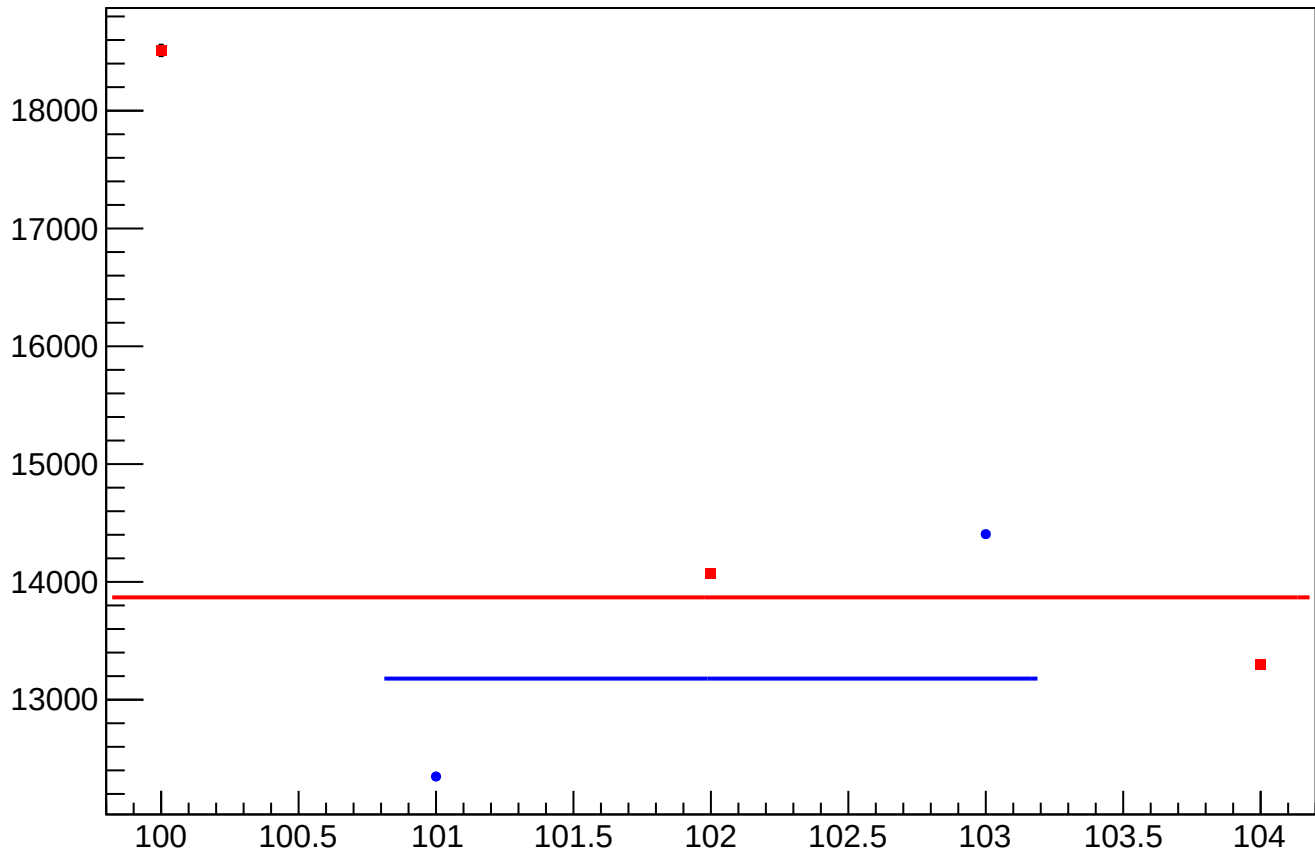
Right: -2.276 $\pm$ 8.569 χ^2 /NDF: 8.6/4

In: -12.758 $\pm$ 11.771 χ^2 /NDF: 2.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.276 $\pm$ 8.569 χ^2 /NDF: 8.6/4

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: 13868.673+/-8.838 χ^2/NDF : 11265.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

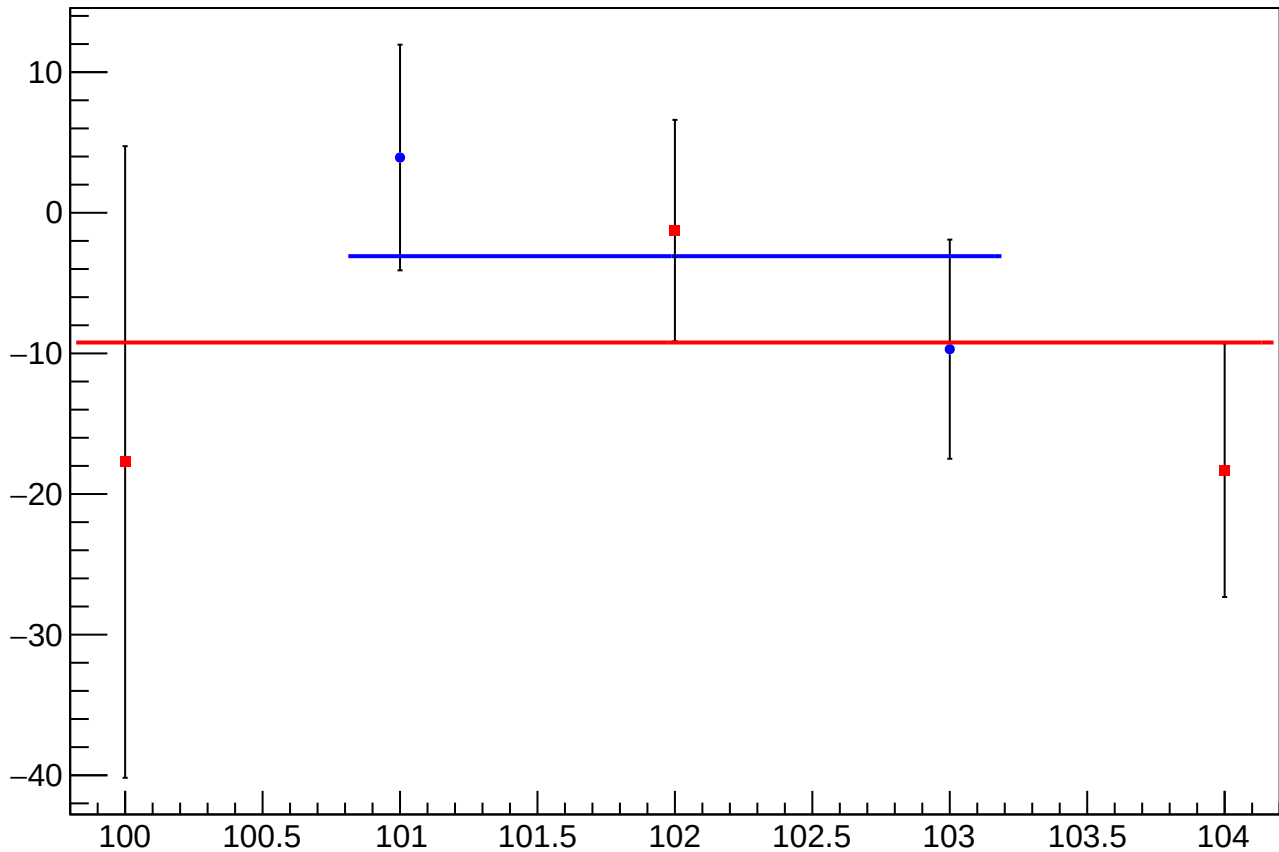
Right: 13503.223+/-6.059 χ^2/NDF : 29209.2/4

In: 13179.124+/-8.323 χ^2/NDF : 14717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13503.223+/-6.059 χ^2/NDF : 29209.2/4

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: -9.224+/-5.735 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

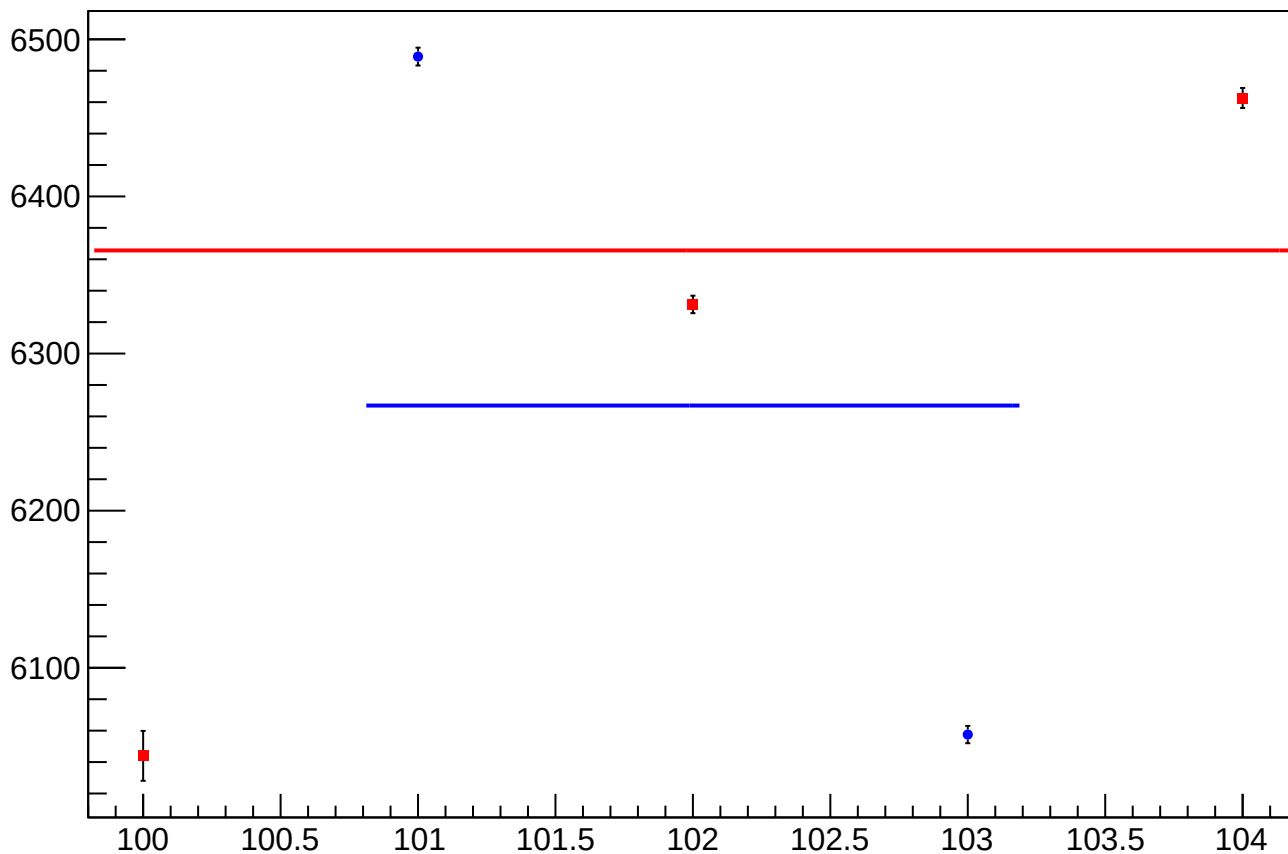
Right: -6.076+/-4.003 χ^2/NDF : 4.3/4

In: -3.085+/-5.590 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.076+/-4.003 χ^2/NDF : 4.3/4

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: 6365.630+/-4.055 χ^2/NDF : 679.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

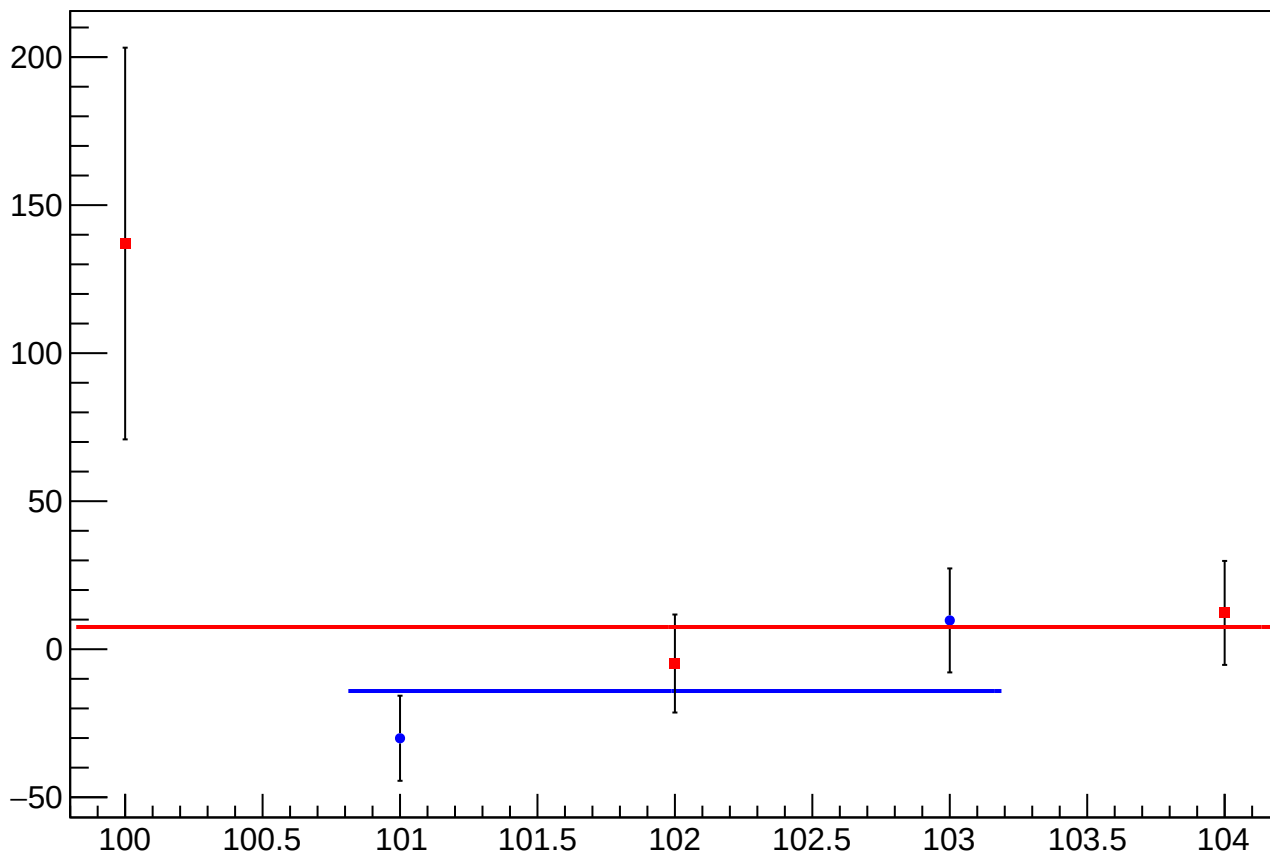
Right: 6315.011+/-2.830 χ^2/NDF : 3960.3/4

In: 6266.915+/-3.953 χ^2/NDF : 2976.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6315.011+/-2.830 χ^2/NDF : 3960.3/4

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: 7.507 $\pm$ 11.850 χ^2 /NDF: 4.5/2

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

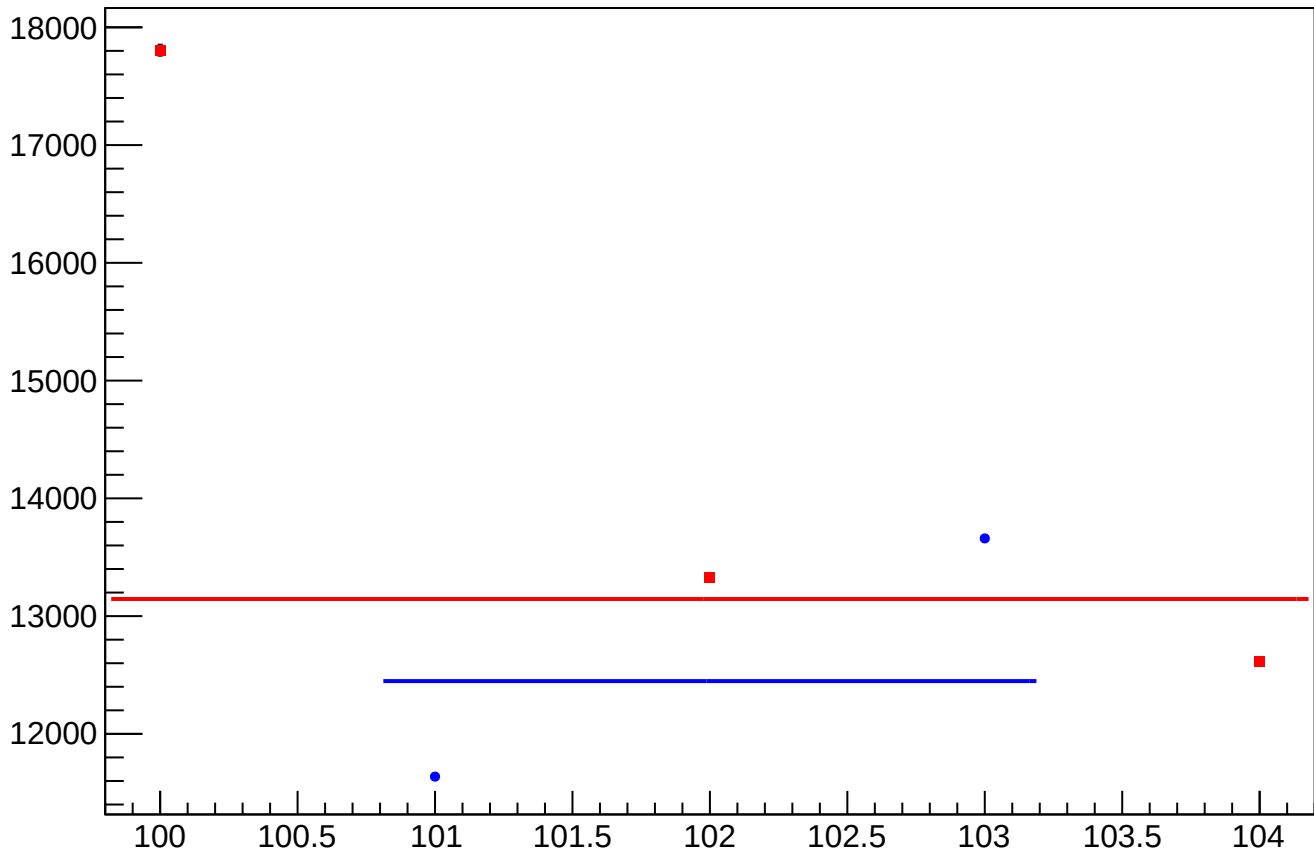
Right: -3.989 $\pm$ 8.109 χ^2 /NDF: 9.3/4

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: -3.989 $\pm$ 8.109 χ^2 /NDF: 9.3/4

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: 13145.413+/-8.379 χ^2/NDF : 12011.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

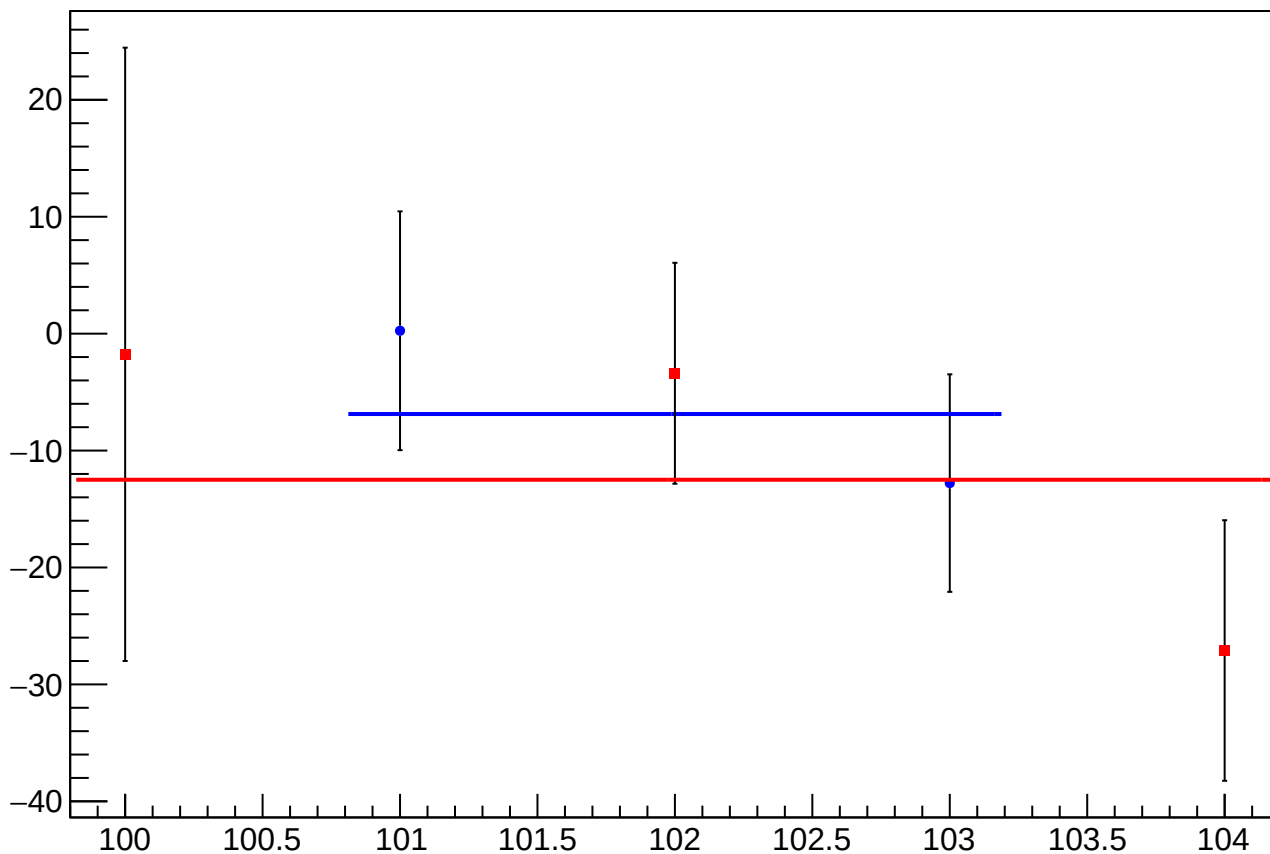
Right: 12774.749+/-5.734 χ^2/NDF : 31587.3/4

In: 12448.325+/-7.863 χ^2/NDF : 15895.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12774.749+/-5.734 χ^2/NDF : 31587.3/4

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: -12.495+/-6.949 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

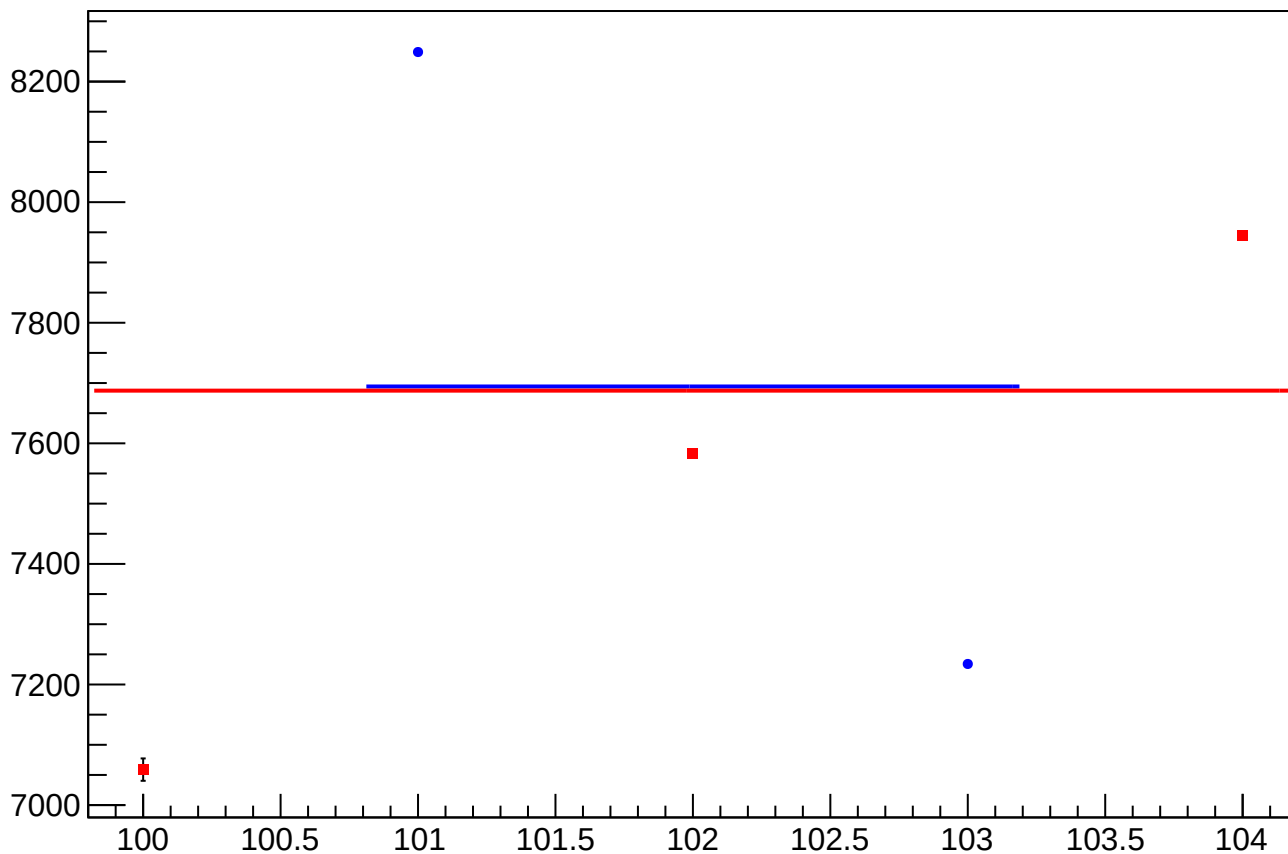
Right: -9.655+/-4.888 χ^2/NDF : 4.0/4

In: -6.874+/-6.877 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.655+/-4.888 χ^2/NDF : 4.0/4

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: 7687.404+/-4.914 χ^2/NDF : 2460.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

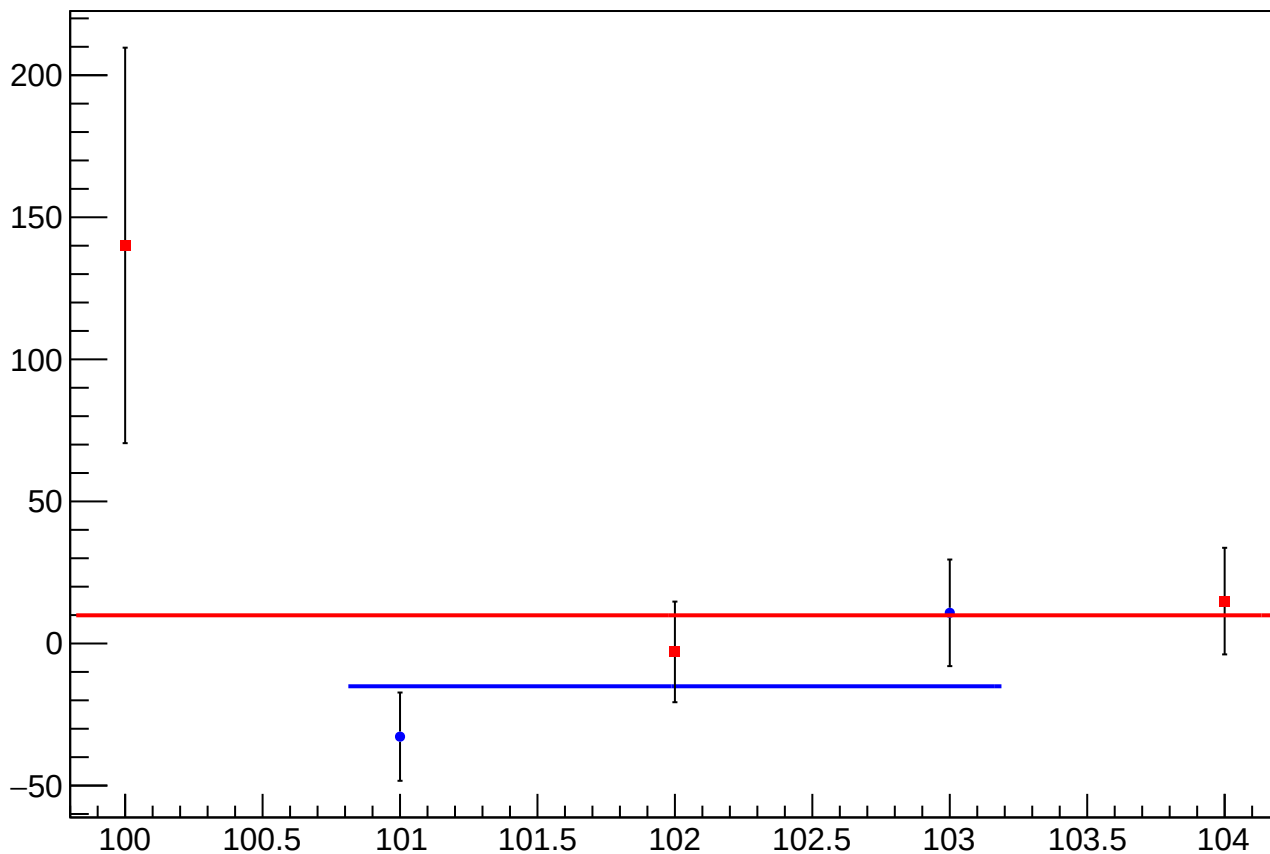
Right: 7690.880+/-3.456 χ^2/NDF : 13257.1/4

In: 7694.284+/-4.863 χ^2/NDF : 10795.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7690.880+/-3.456 χ^2/NDF : 13257.1/4

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -15.055+/-11.964 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.921+/-12.661 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

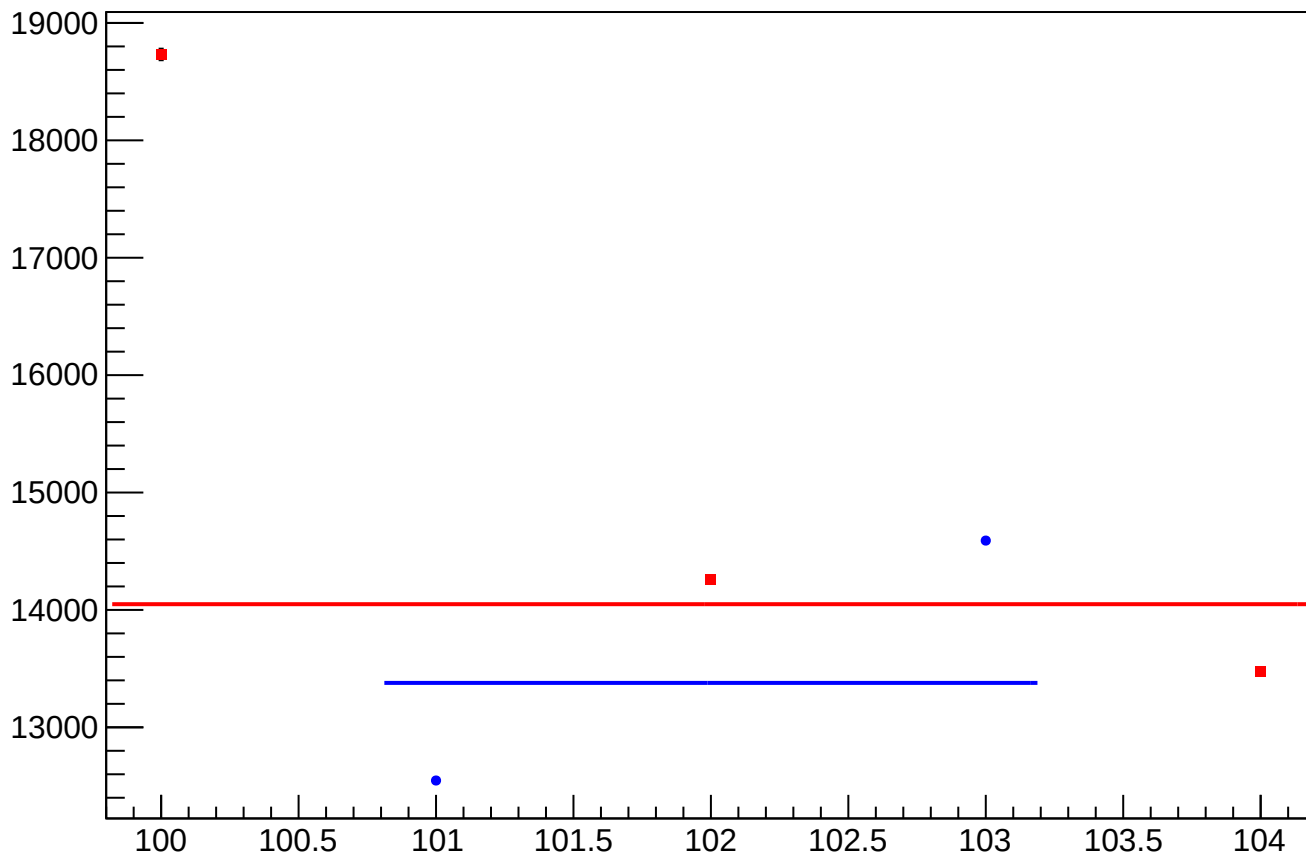
Right: -3.274+/-8.696 χ^2/NDF : 9.4/4

In: -15.055+/-11.964 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.274+/-8.696 χ^2/NDF : 9.4/4

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: 14048.851+/-8.953 χ^2/NDF : 11212.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

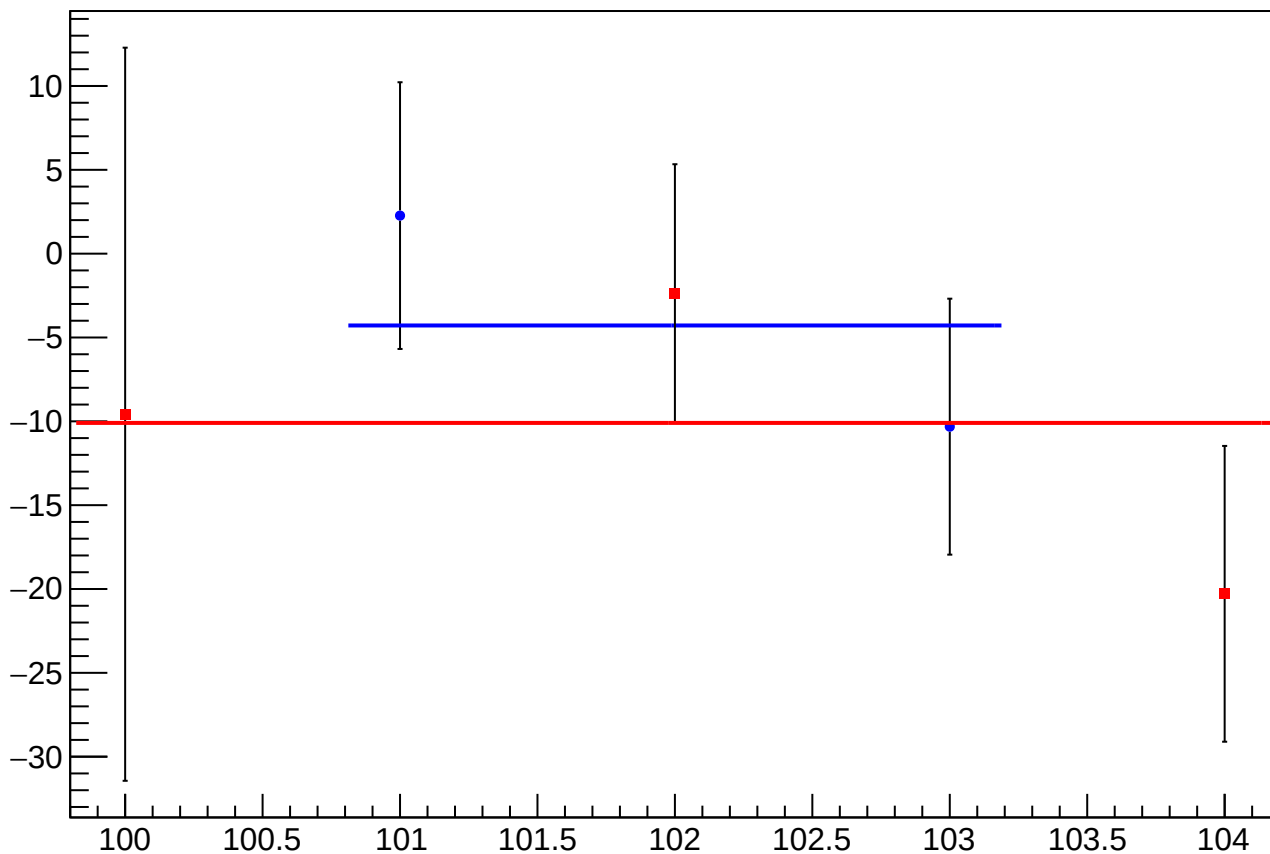
Right: 13694.640+/-6.149 χ^2/NDF : 28261.0/4

In: 13378.385+/-8.460 χ^2/NDF : 14085.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13694.640+/-6.149 χ^2/NDF : 28261.0/4

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.283 ± 5.507 χ^2/NDF : 1.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.094 ± 5.610 χ^2/NDF : 2.3/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

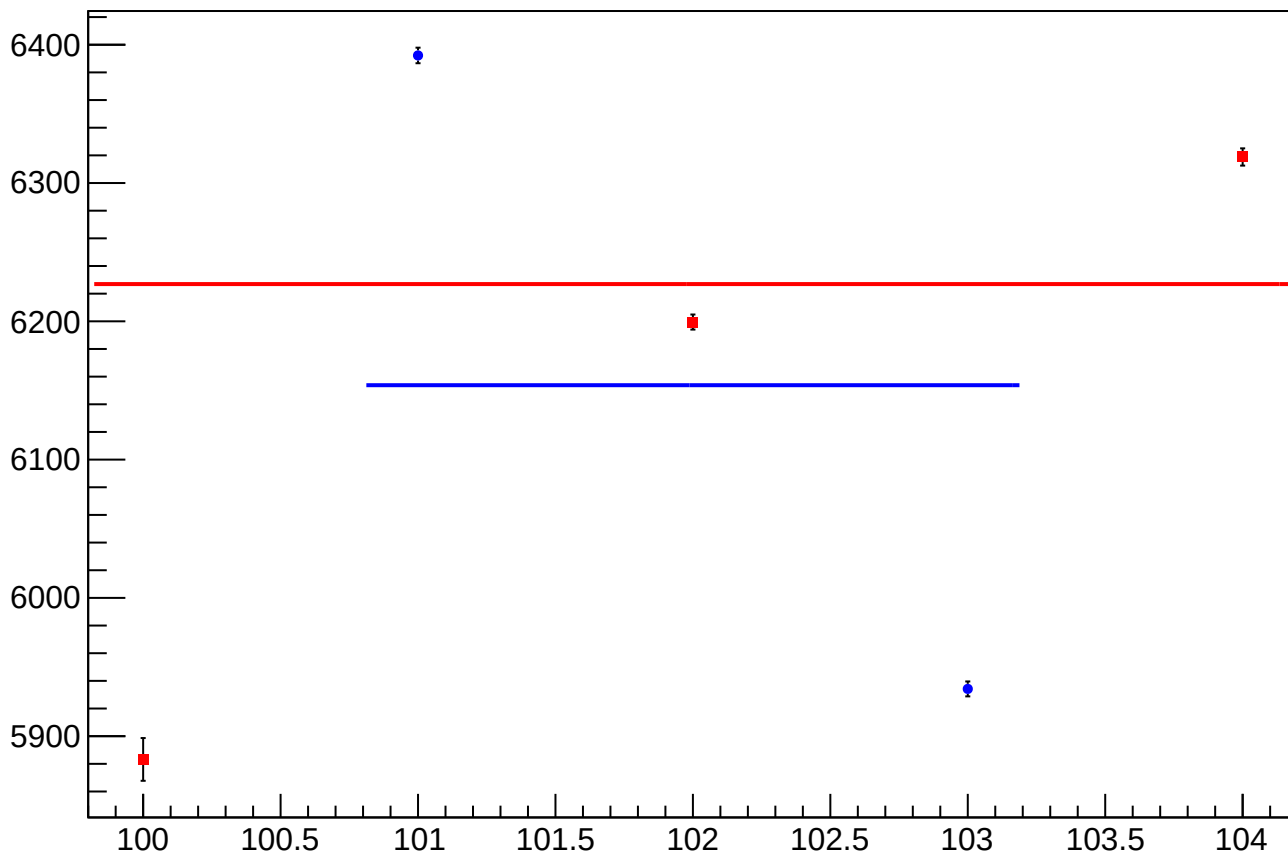
Right: -7.135 ± 3.930 χ^2/NDF : 4.2/4

In: -4.283 ± 5.507 χ^2/NDF : 1.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.135 ± 3.930 χ^2/NDF : 4.2/4

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: 6226.929+/-3.967 χ^2/NDF : 736.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

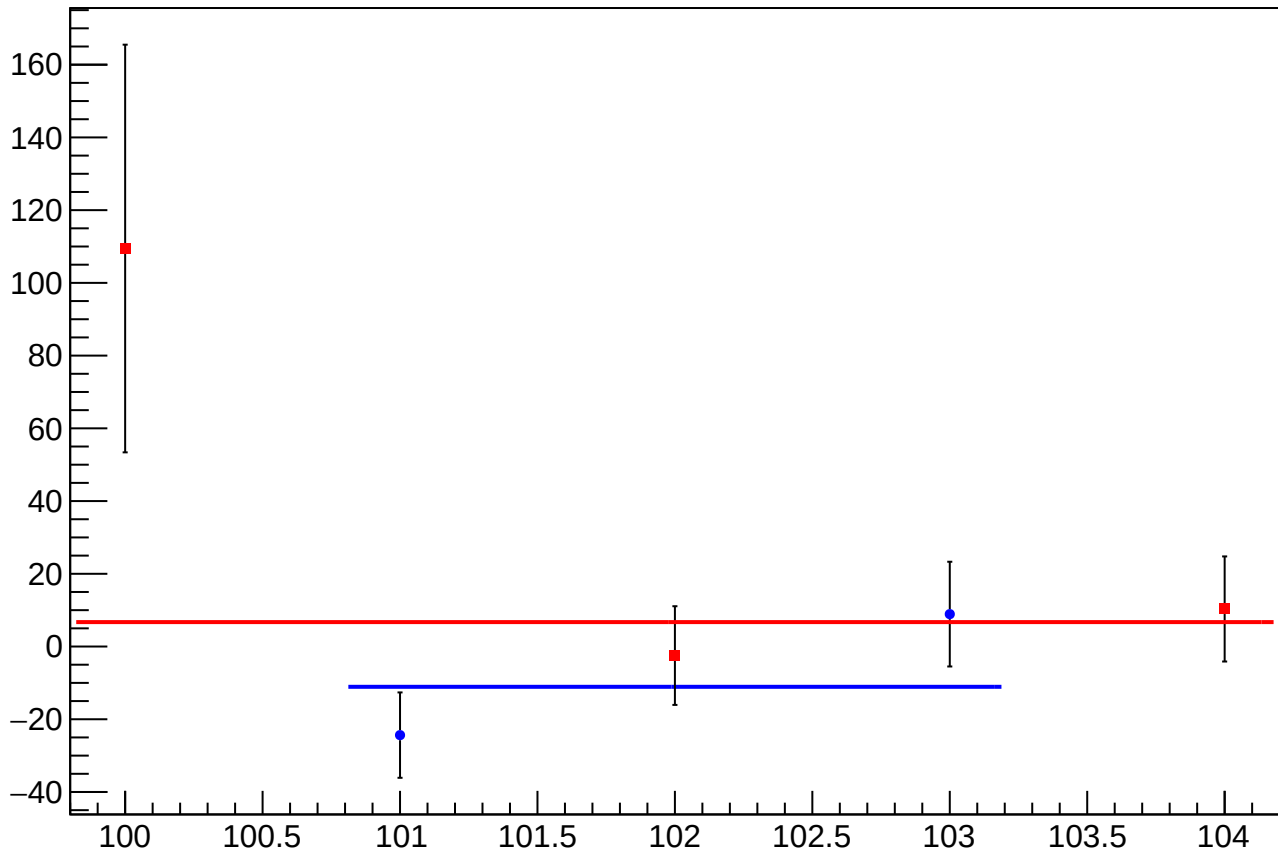
Right: 6189.691+/-2.779 χ^2/NDF : 4363.3/4

In: 6153.804+/-3.894 χ^2/NDF : 3453.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6189.691+/-2.779 χ^2/NDF : 4363.3/4

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: 6.717+/-9.741 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

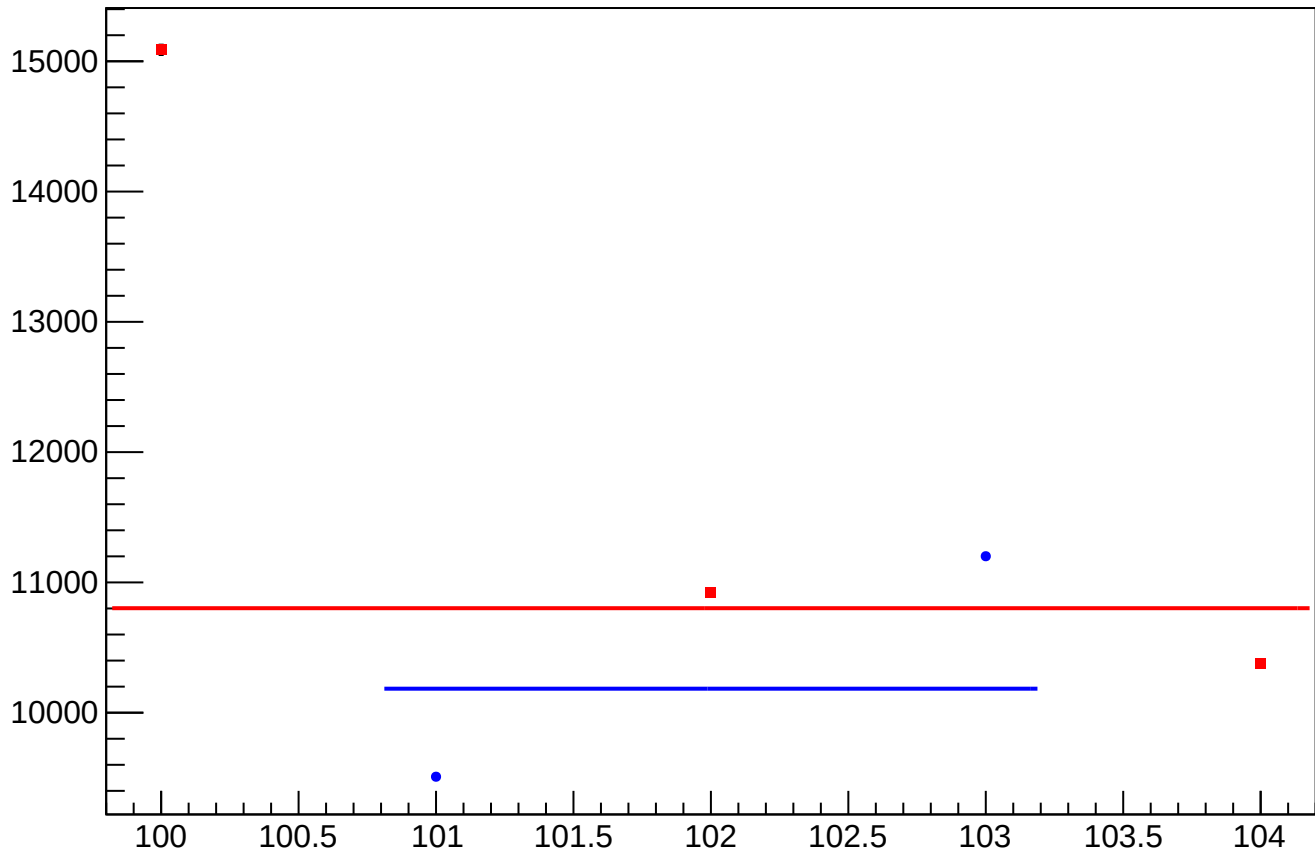
Right: -2.786+/-6.649 χ^2/NDF : 8.9/4

In: -11.077+/-9.099 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.786+/-6.649 χ^2/NDF : 8.9/4

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: 10802.069+/-6.888 χ^2/NDF : 13579.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

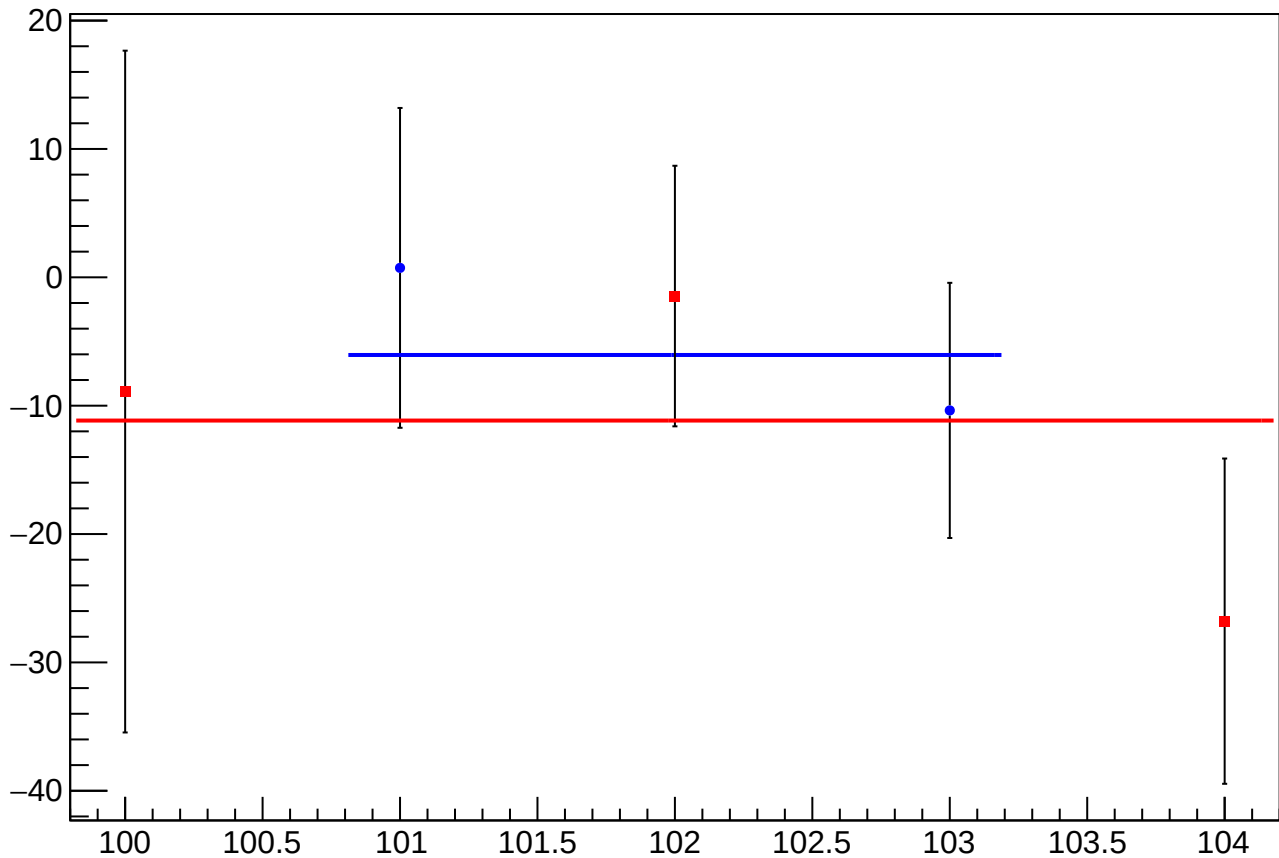
Right: 10472.122+/-4.702 χ^2/NDF : 34472.7/4

In: 10184.264+/-6.434 χ^2/NDF : 16596.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10472.122+/-4.702 χ^2/NDF : 34472.7/4

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: -11.158+/-7.591 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

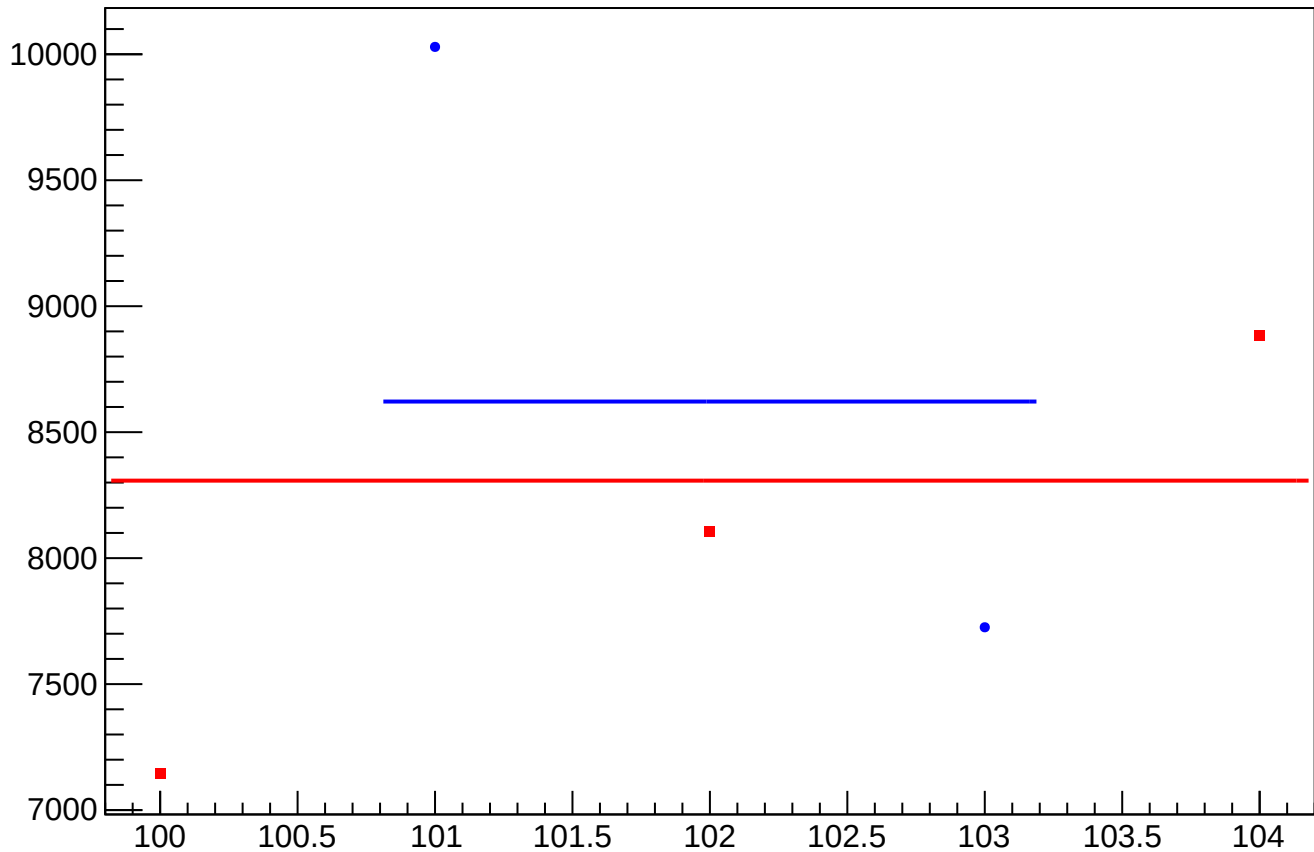
Right: -8.663+/-5.430 χ^2/NDF : 3.1/4

In: -6.050+/-7.769 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.663+/-5.430 χ^2/NDF : 3.1/4

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: 8307.641+/-5.367 χ^2/NDF : 8765.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

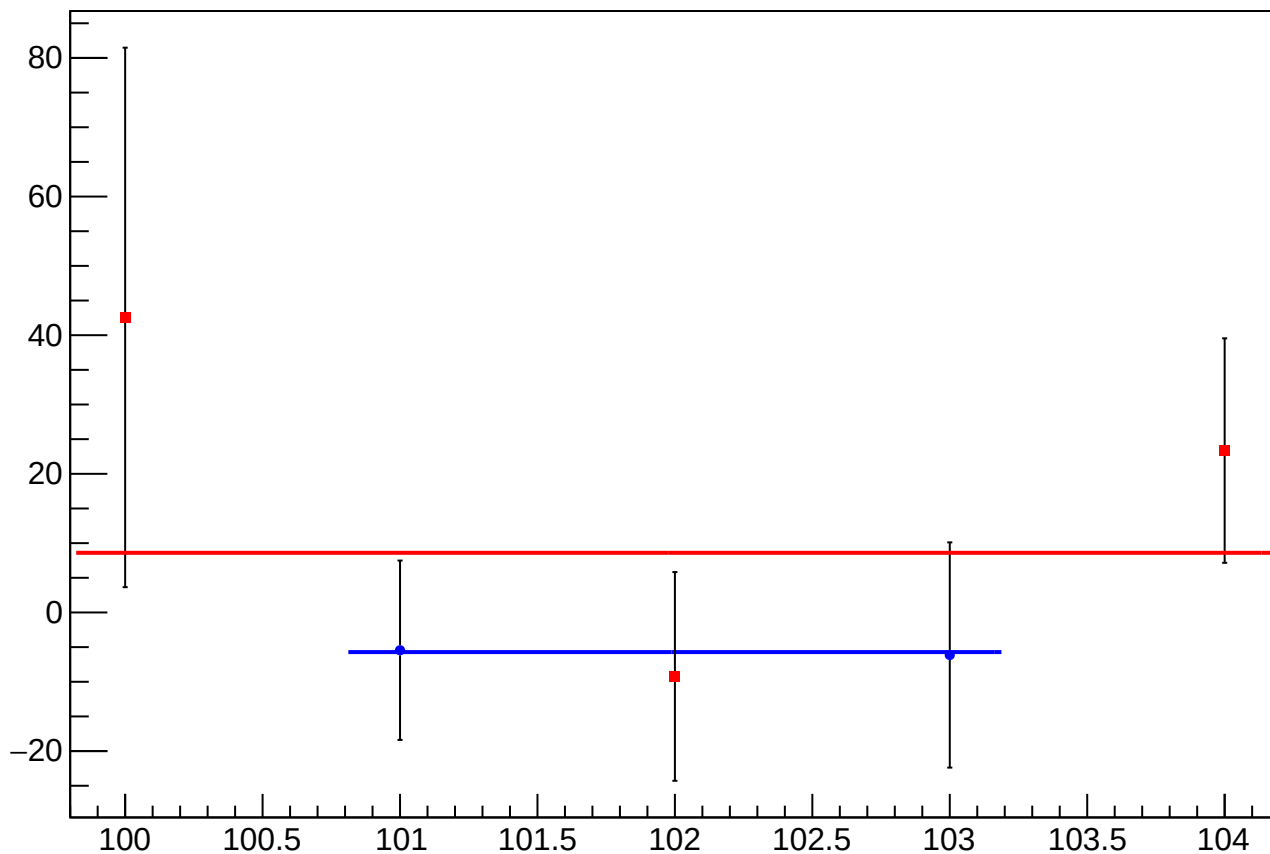
Right: 8460.954+/-3.839 χ^2/NDF : 52223.8/4

In: 8621.570+/-5.494 χ^2/NDF : 41787.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8460.954+/-3.839 χ^2/NDF : 52223.8/4

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: 8.606+/-10.609 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

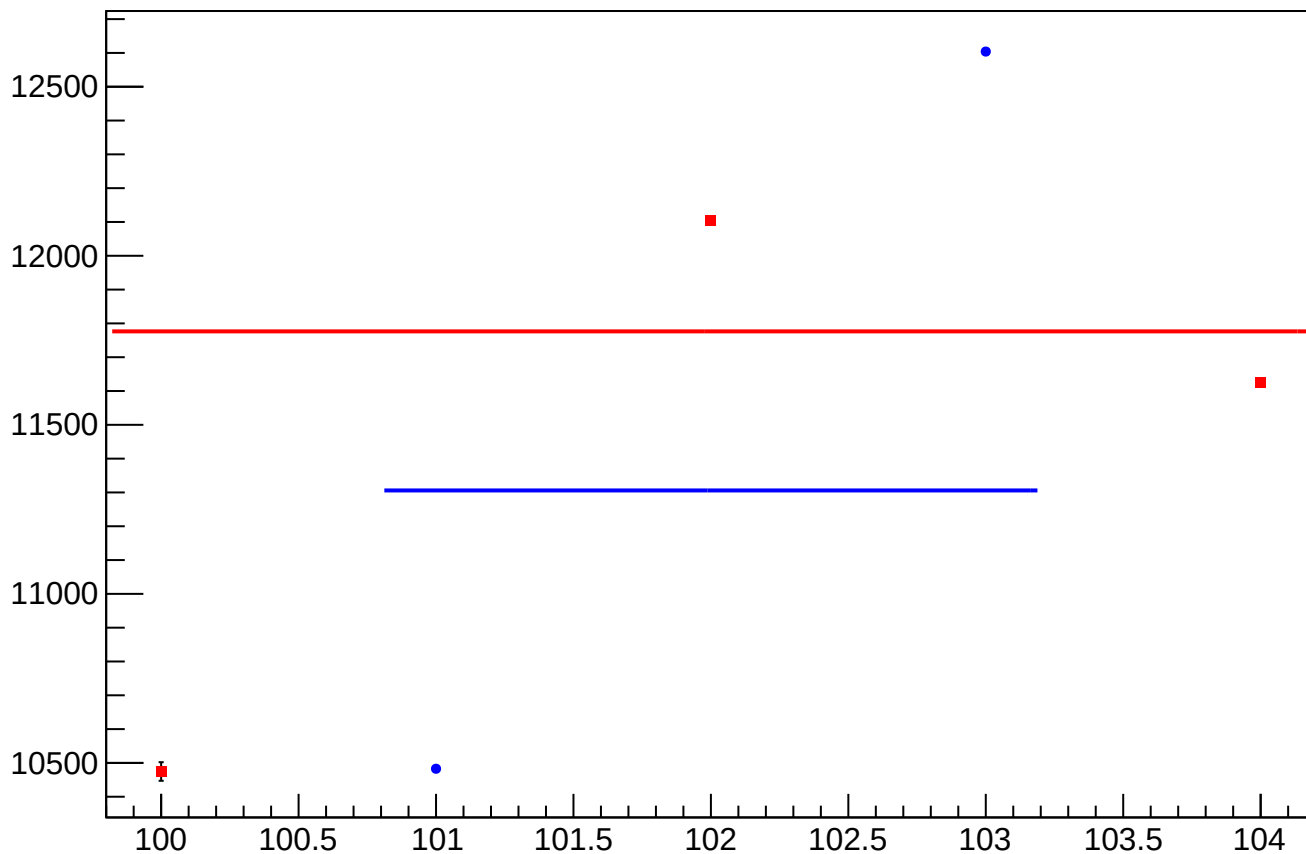
Right: 1.108+/-7.323 χ^2/NDF : 3.9/4

In: -5.716+/-10.120 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.108+/-7.323 χ^2/NDF : 3.9/4

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: 11776.417+/-7.502 χ^2/NDF : 3356.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

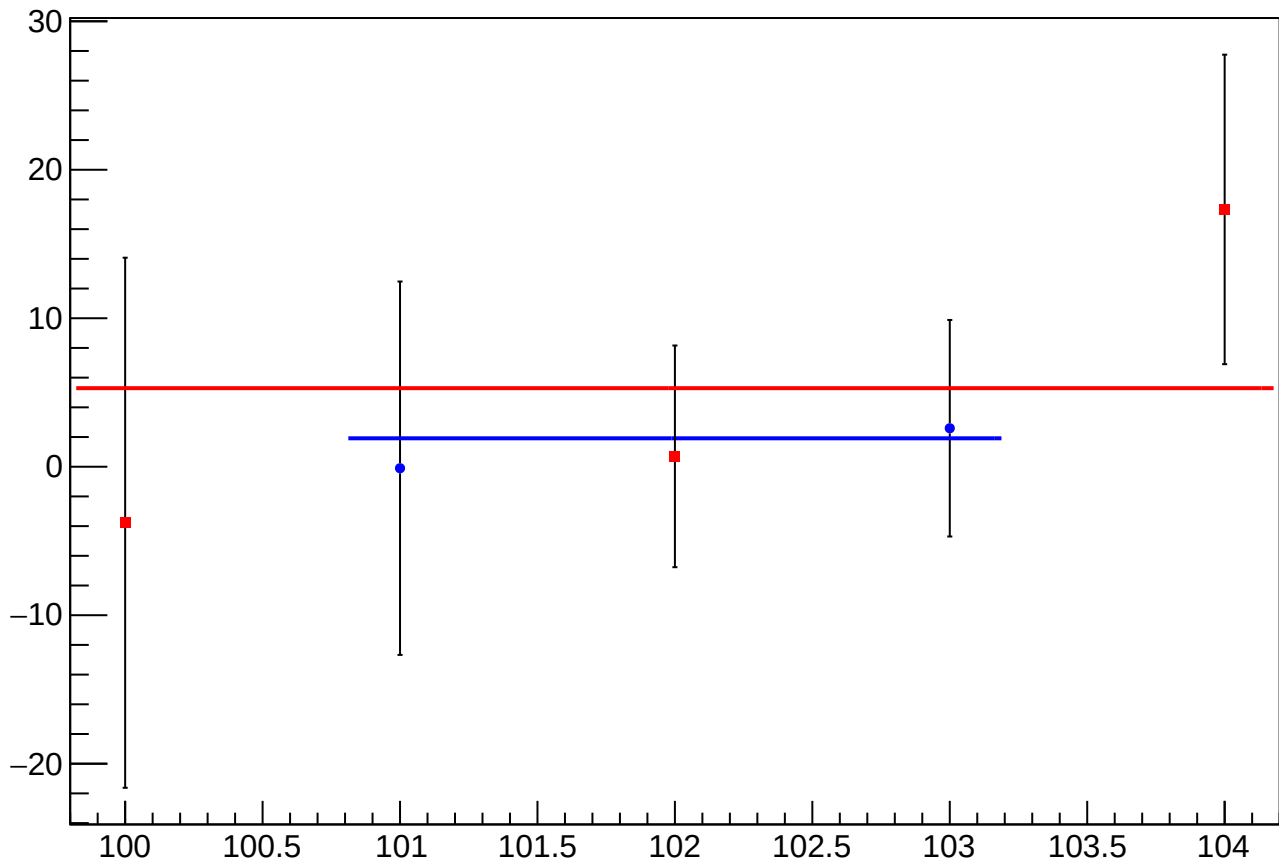
Right: 11530.081+/-5.178 χ^2/NDF : 26282.2/4

In: 11305.903+/-7.156 χ^2/NDF : 20866.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11530.081+/-5.178 χ^2/NDF : 26282.2/4

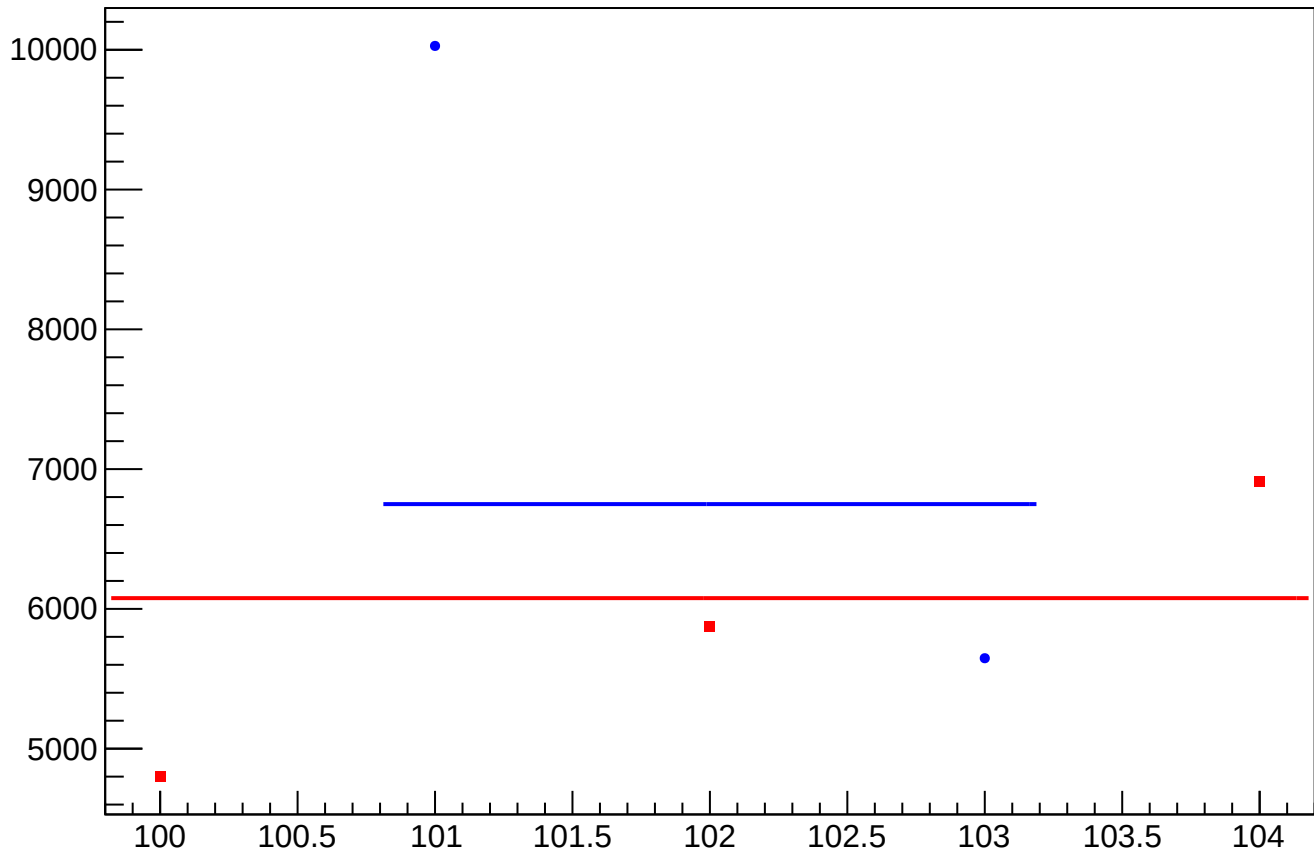
diff_bpm11Y_mean vs Slug, Sign Corrected



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: 5.290+/-5.746 χ^2/NDF : 2.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 3.759+/-4.248 χ^2/NDF : 2.2/4
 In: 1.915+/-6.308 χ^2/NDF : 0.0/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 3.759+/-4.248 χ^2/NDF : 2.2/4

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: 6076.939+/-4.063 χ^2/NDF : 24376.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

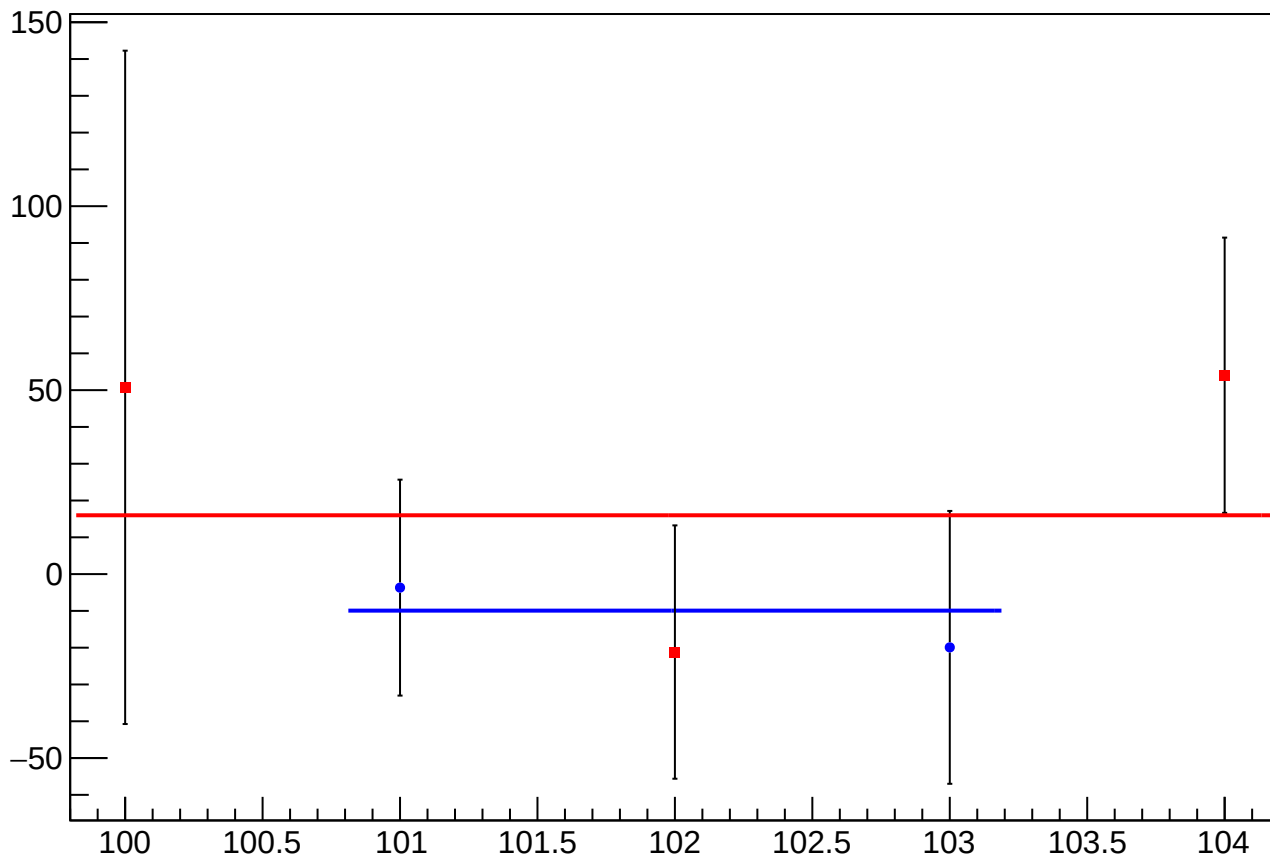
Right: 6382.013+/-3.004 χ^2/NDF : 218498.8/4

In: 6749.644+/-4.460 χ^2/NDF : 181689.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6382.013+/-3.004 χ^2/NDF : 218498.8/4

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: 15.988+/-24.414 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

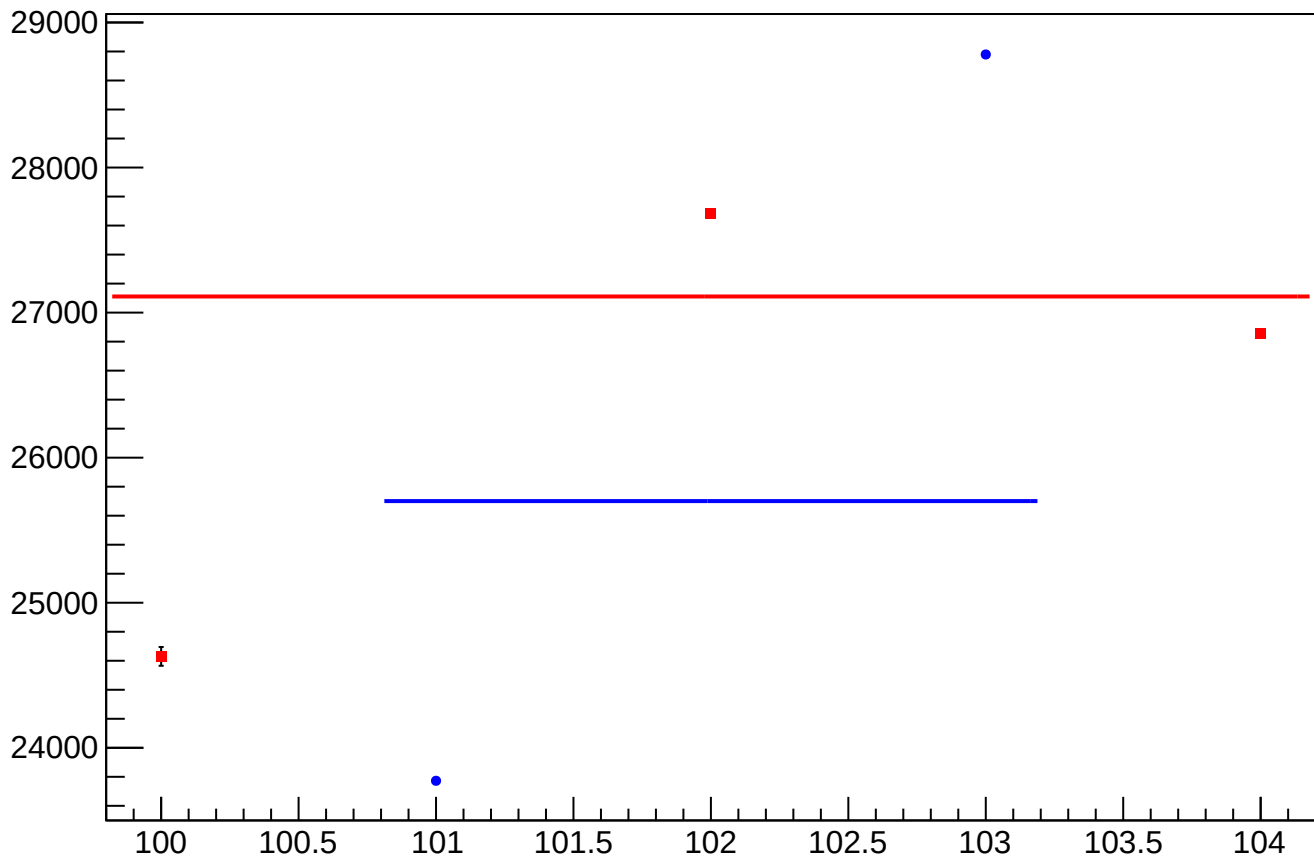
Right: 2.264+/-16.745 χ^2/NDF : 3.1/4

In: -9.929+/-23.012 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.264+/-16.745 χ^2/NDF : 3.1/4

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: 27111.168+/-17.263 χ^2/NDF : 2112.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

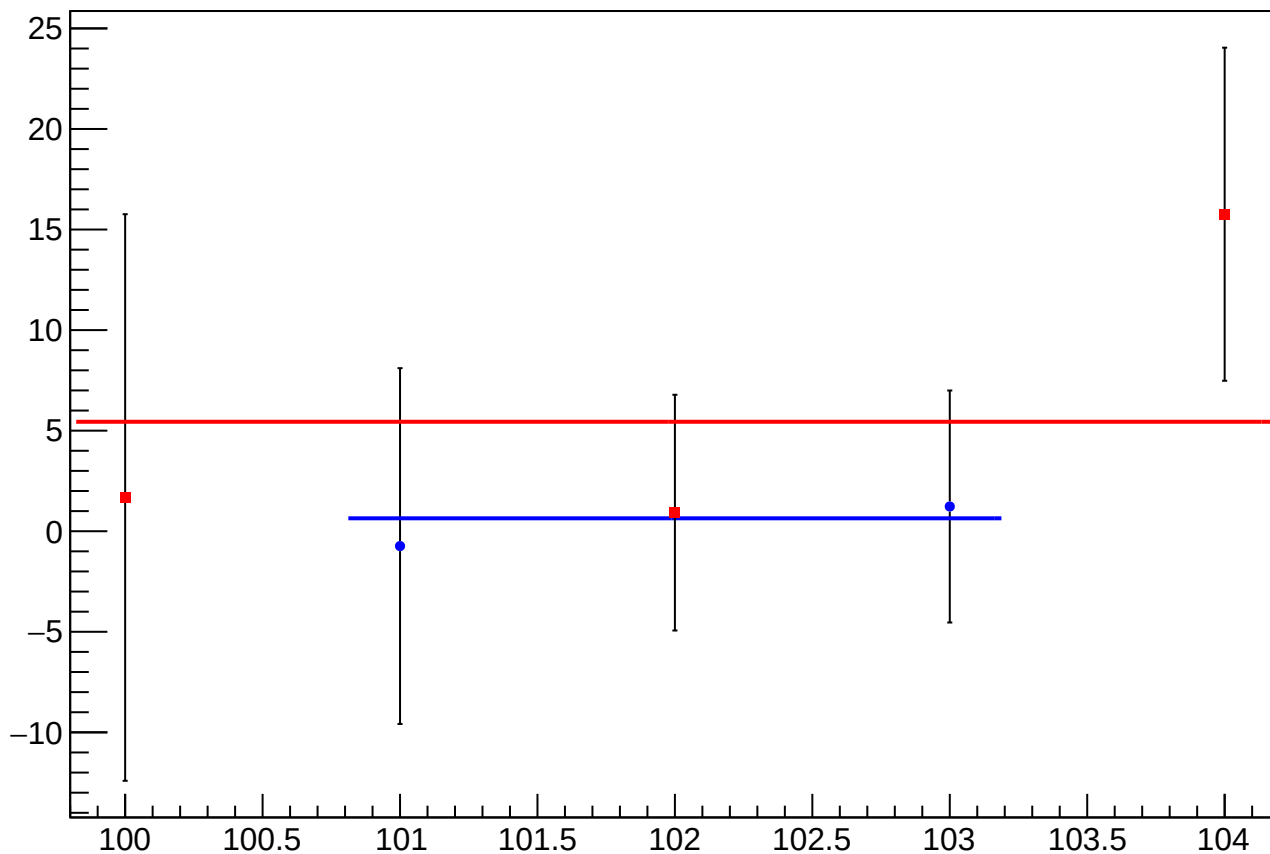
Right: 26364.257+/-11.841 χ^2/NDF : 28068.0/4

In: 25700.668+/-16.272 χ^2/NDF : 22420.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26364.257+/-11.841 χ^2/NDF : 28068.0/4

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: 5.442 $\pm$ 4.530 χ^2 /NDF: 2.2/2

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

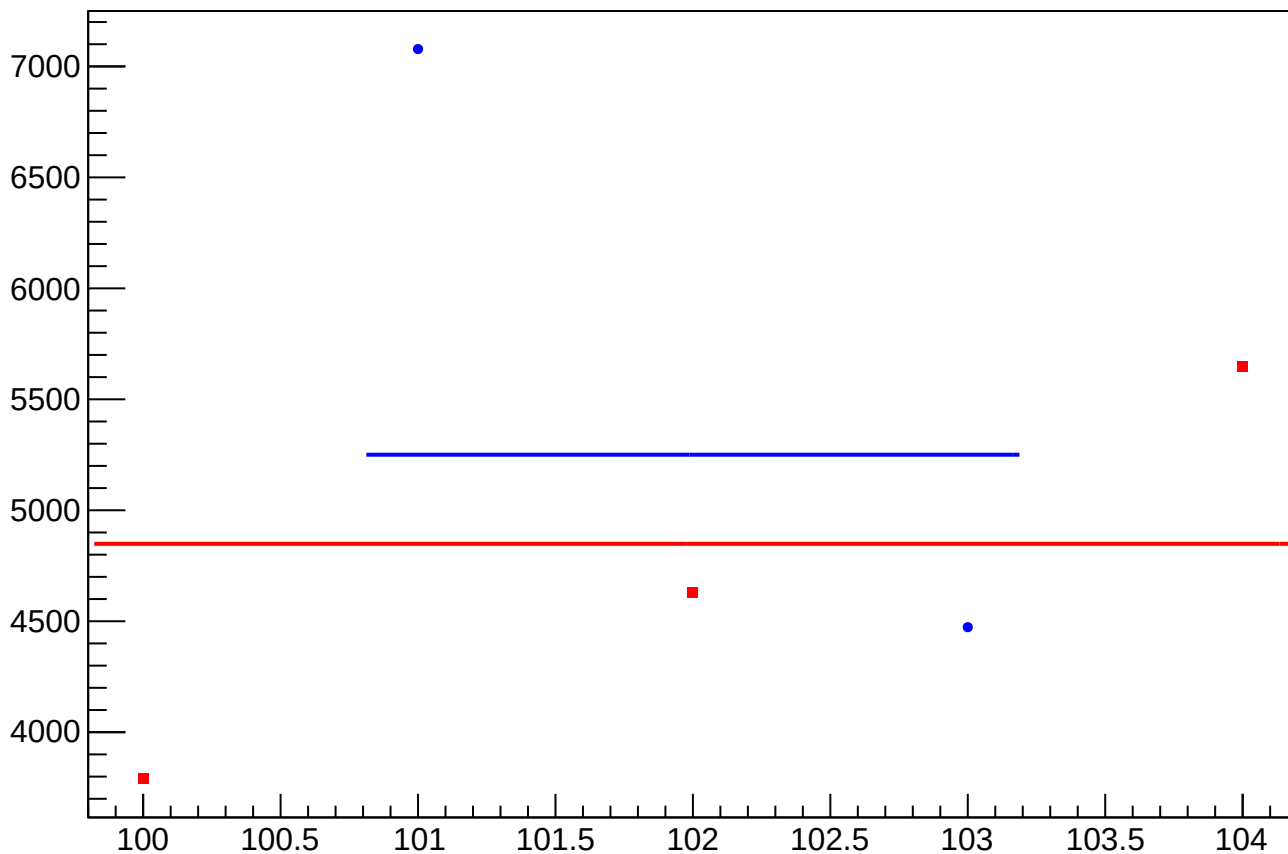
Right: 3.197 $\pm$ 3.304 χ^2 /NDF: 2.8/4

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: 3.197 $\pm$ 3.304 χ^2 /NDF: 2.8/4

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: 4848.804+/-3.203 χ^2/NDF : 32663.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

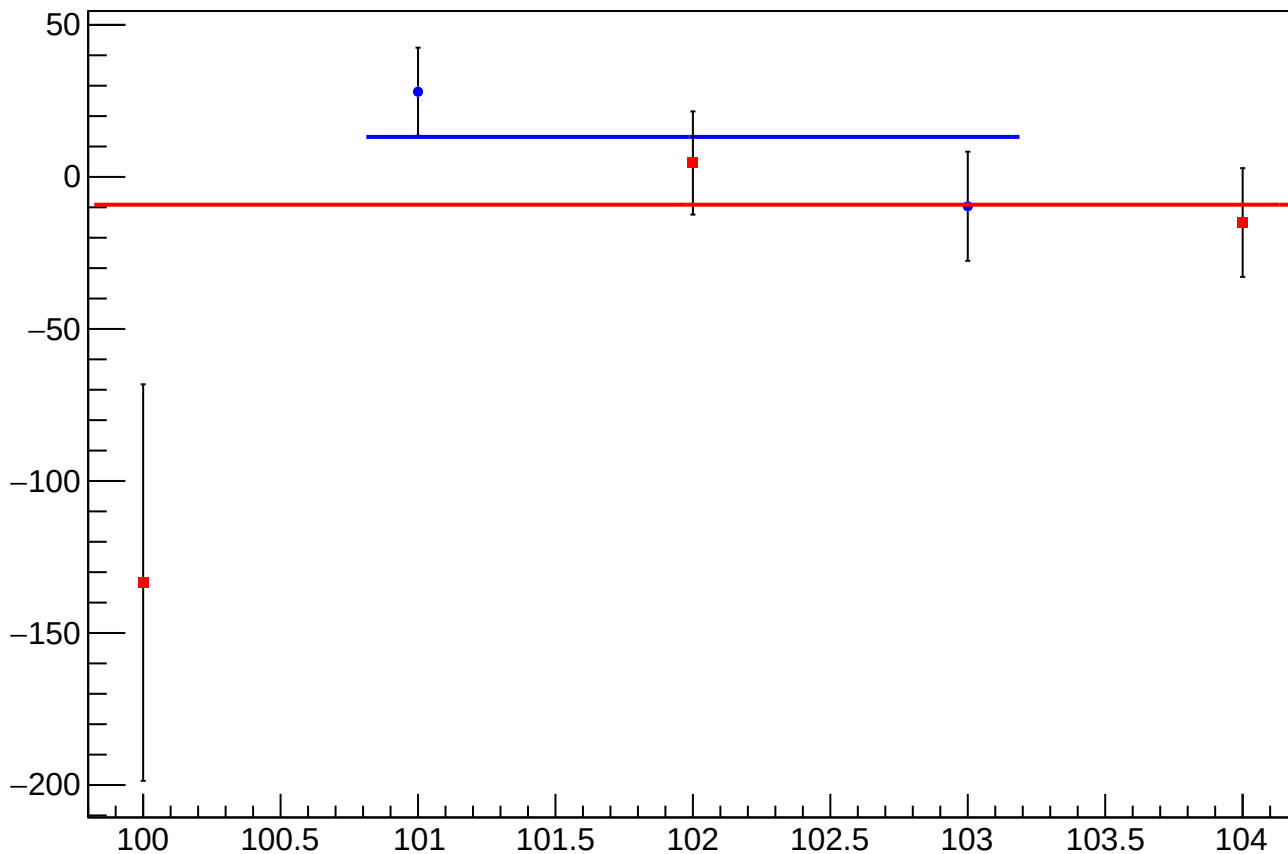
Right: 5036.665+/-2.337 χ^2/NDF : 161735.9/4

In: 5250.389+/-3.416 χ^2/NDF : 121718.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5036.665+/-2.337 χ^2/NDF : 161735.9/4

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: -9.131+/-12.096 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

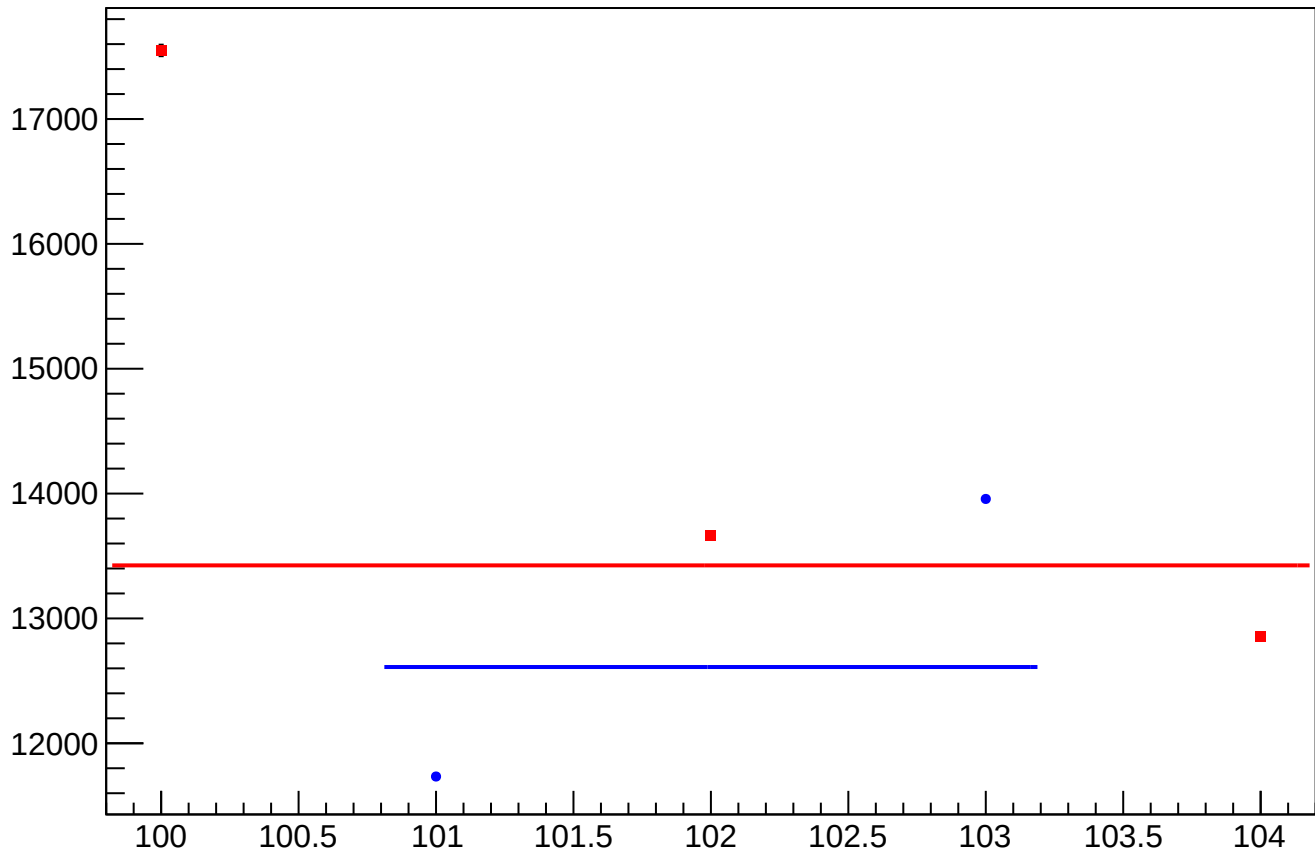
Right: 2.799+/-8.247 χ^2/NDF : 8.9/4

In: 13.159+/-11.273 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.799+/-8.247 χ^2/NDF : 8.9/4

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: 13424.862+/-8.554 χ^2/NDF : 10440.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

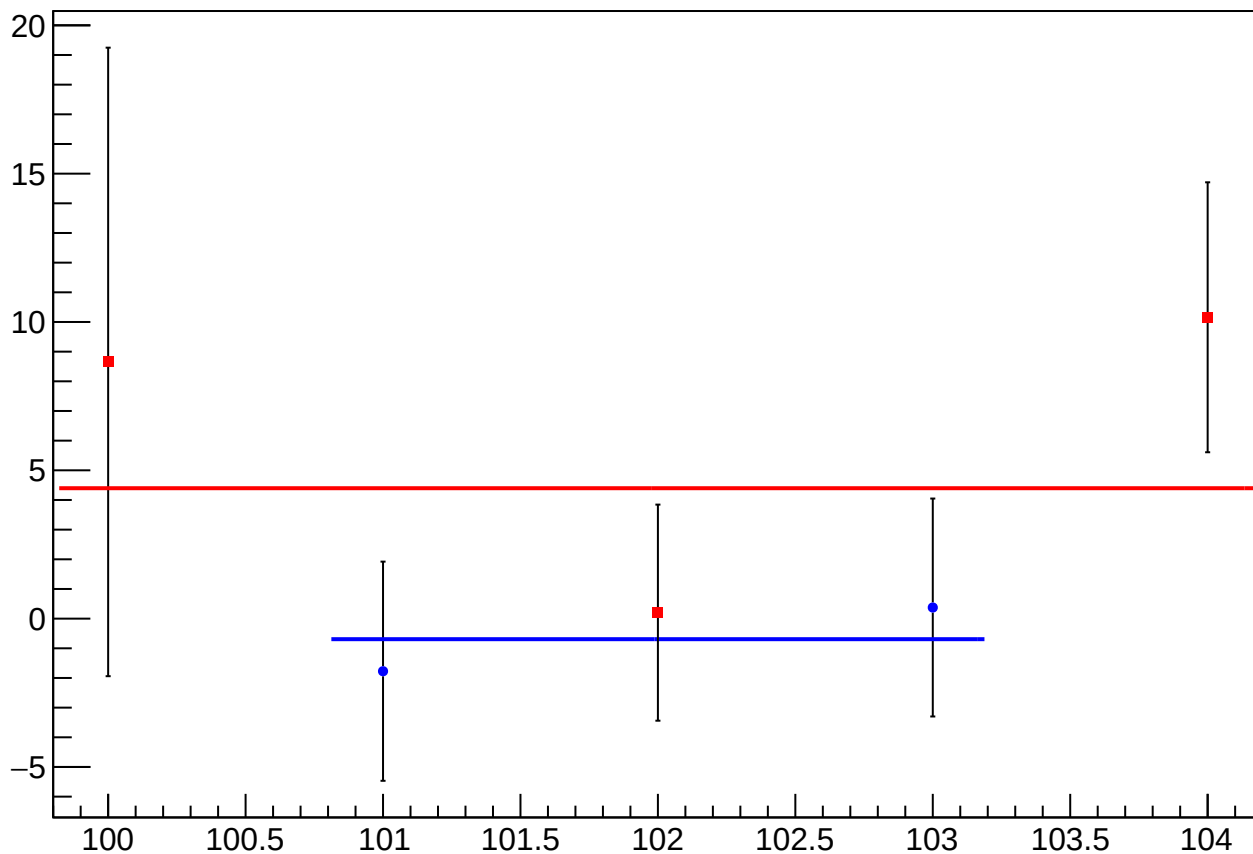
Right: 12989.199+/-5.831 χ^2/NDF : 33869.7/4

In: 12610.835+/-7.971 χ^2/NDF : 18582.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12989.199+/-5.831 χ^2/NDF : 33869.7/4

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.693+/-2.605 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.396+/-2.746 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

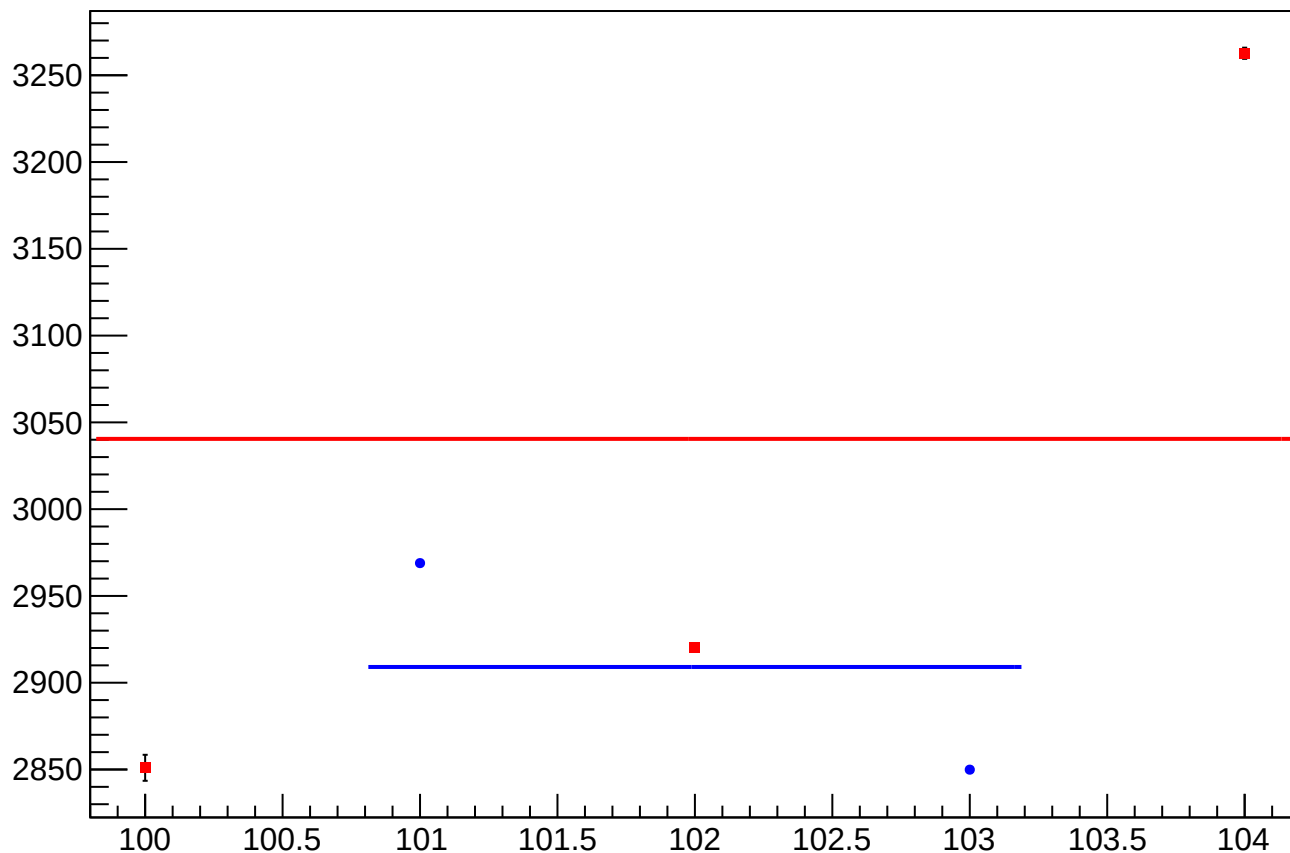
Right: 1.717+/-1.890 χ^2/NDF : 5.1/4

In: -0.693+/-2.605 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.717+/-1.890 χ^2/NDF : 5.1/4

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: 3040.491+/-1.942 χ^2/NDF : 7578.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2971.311+/-1.336 χ^2/NDF : 11034.0/4

In: 2909.074+/-1.842 χ^2/NDF : 1043.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2971.311+/-1.336 χ^2/NDF : 11034.0/4

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

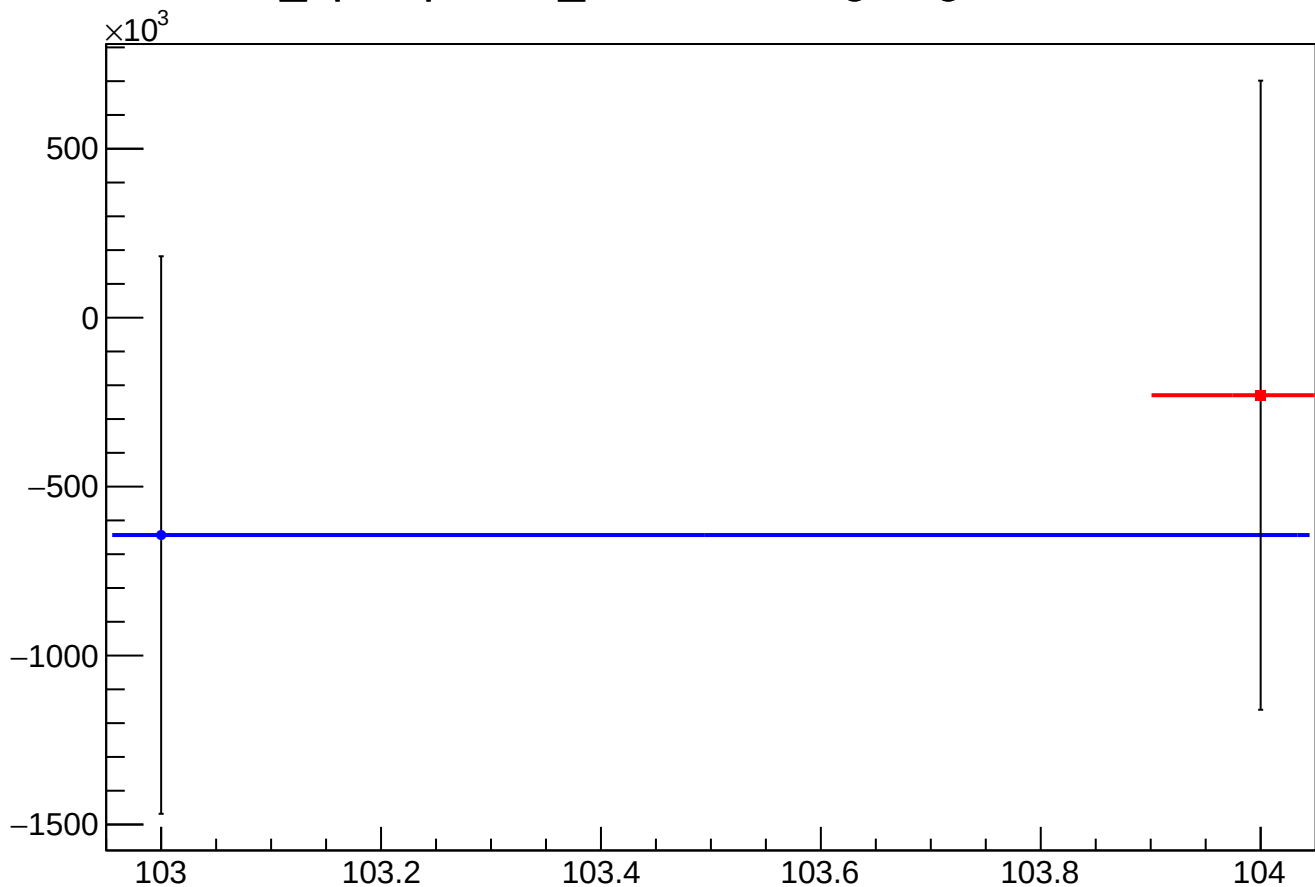
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229463.637+/-930938.464 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

In: -643270.183+/-825041.868 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461231.604+/-617453.156 χ^2/NDF : 0.1/1

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

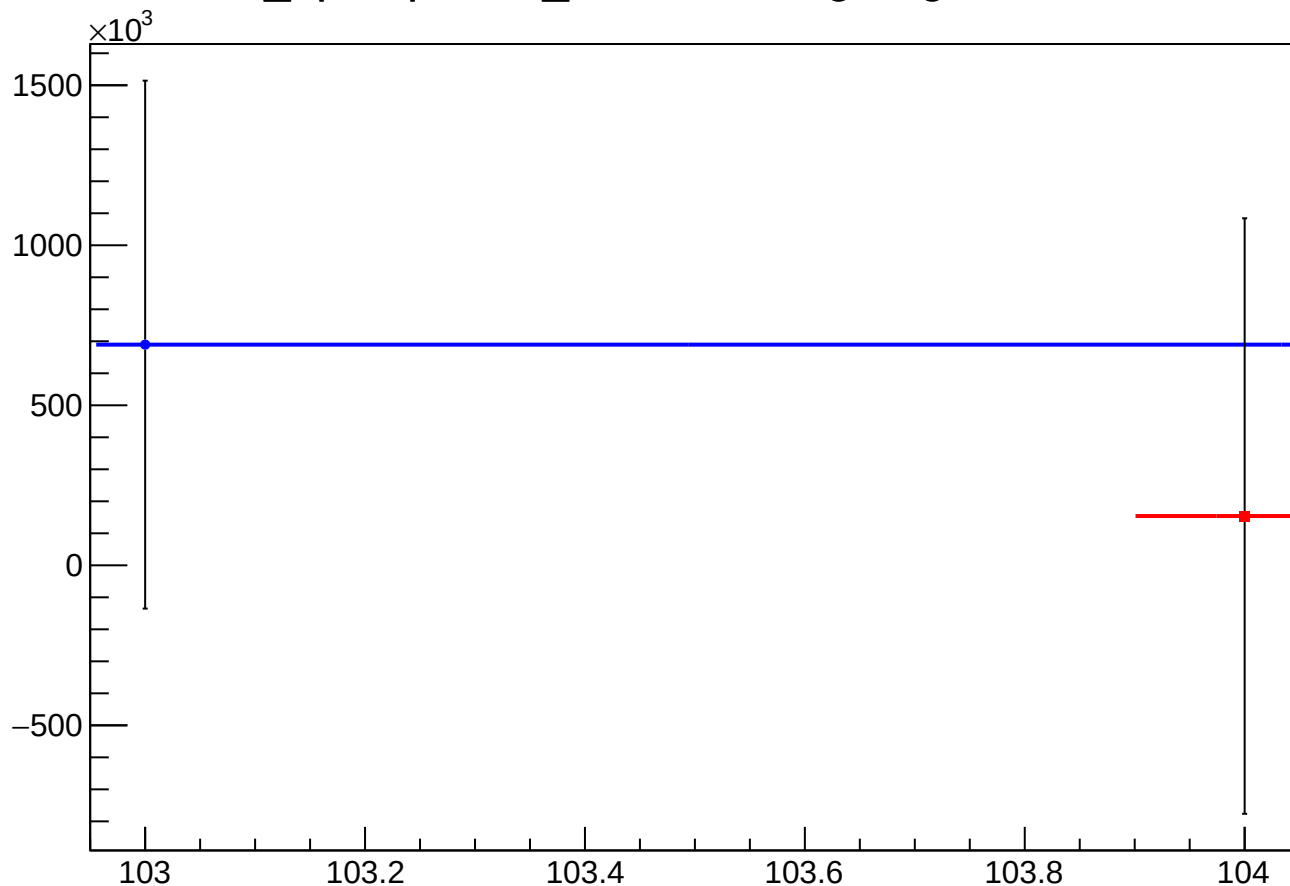
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153979.267+/-930380.849 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

In: 689556.315+/-824757.277 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453882.317+/-617171.153 χ^2/NDF : 0.2/1

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

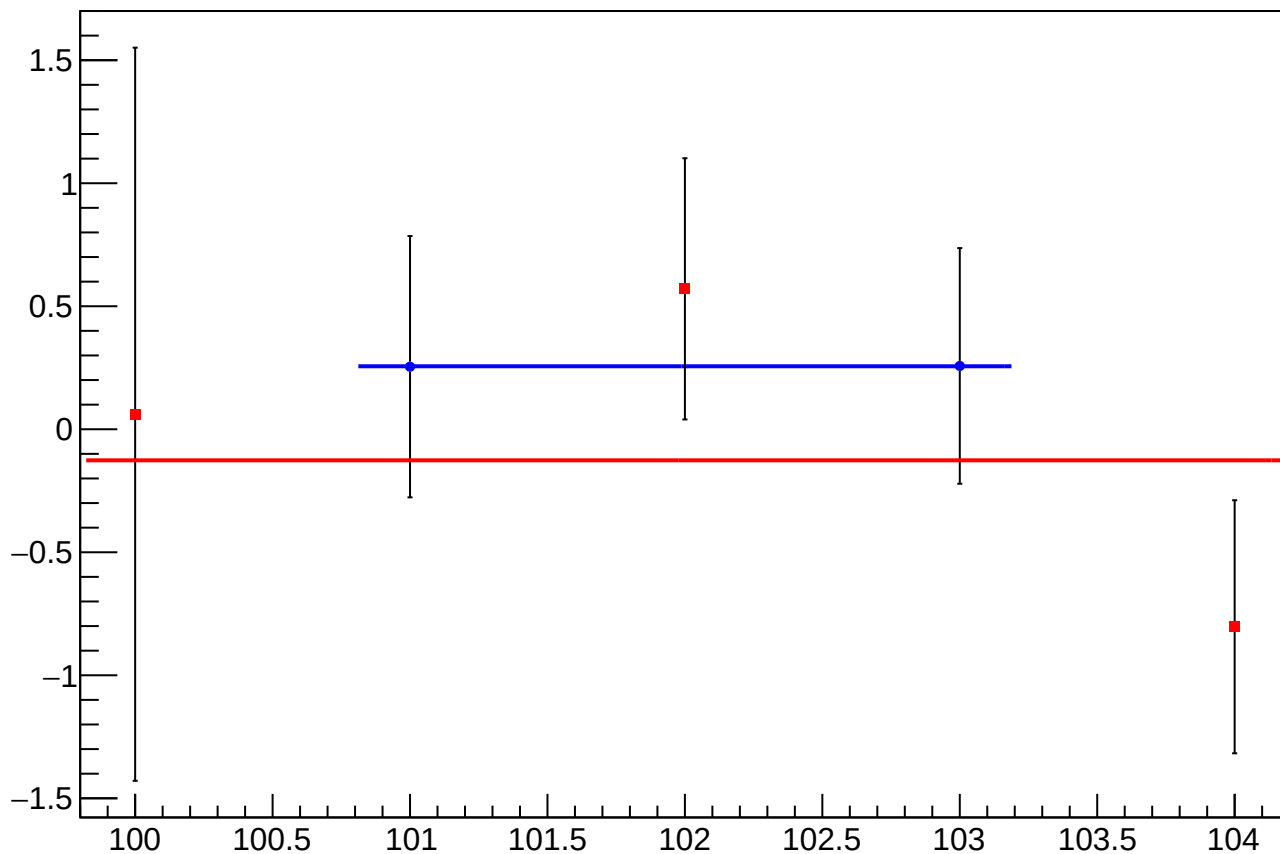
Right: 0.000+/-0.000 χ^2/NDF : 0.0/0

In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.126+/-0.359 χ^2/NDF : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

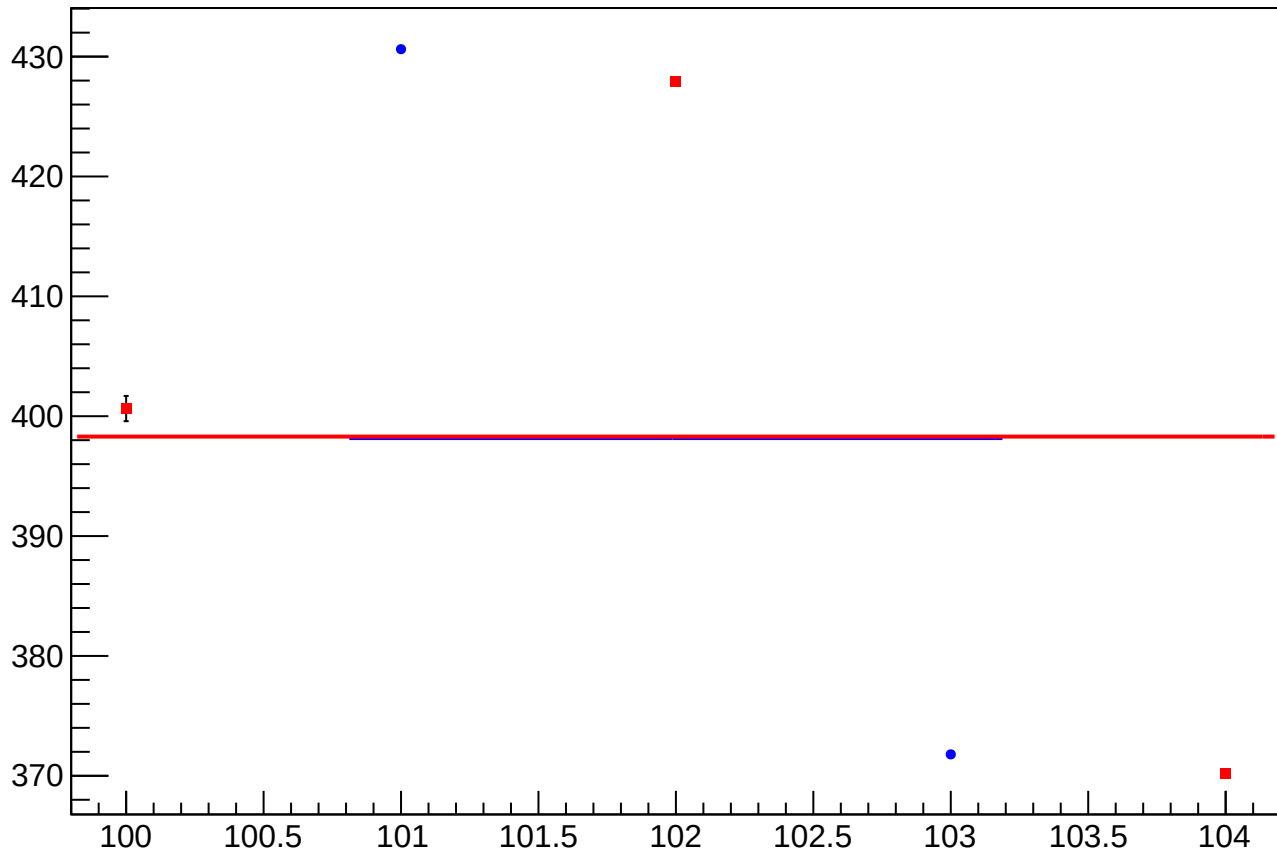
Right: 0.066+/-0.253 χ^2/NDF : 4.0/4

In: 0.256+/-0.356 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.253 χ^2/NDF : 4.0/4

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: 398.300 +/- 0.254 χ^2/NDF : 12209.7/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

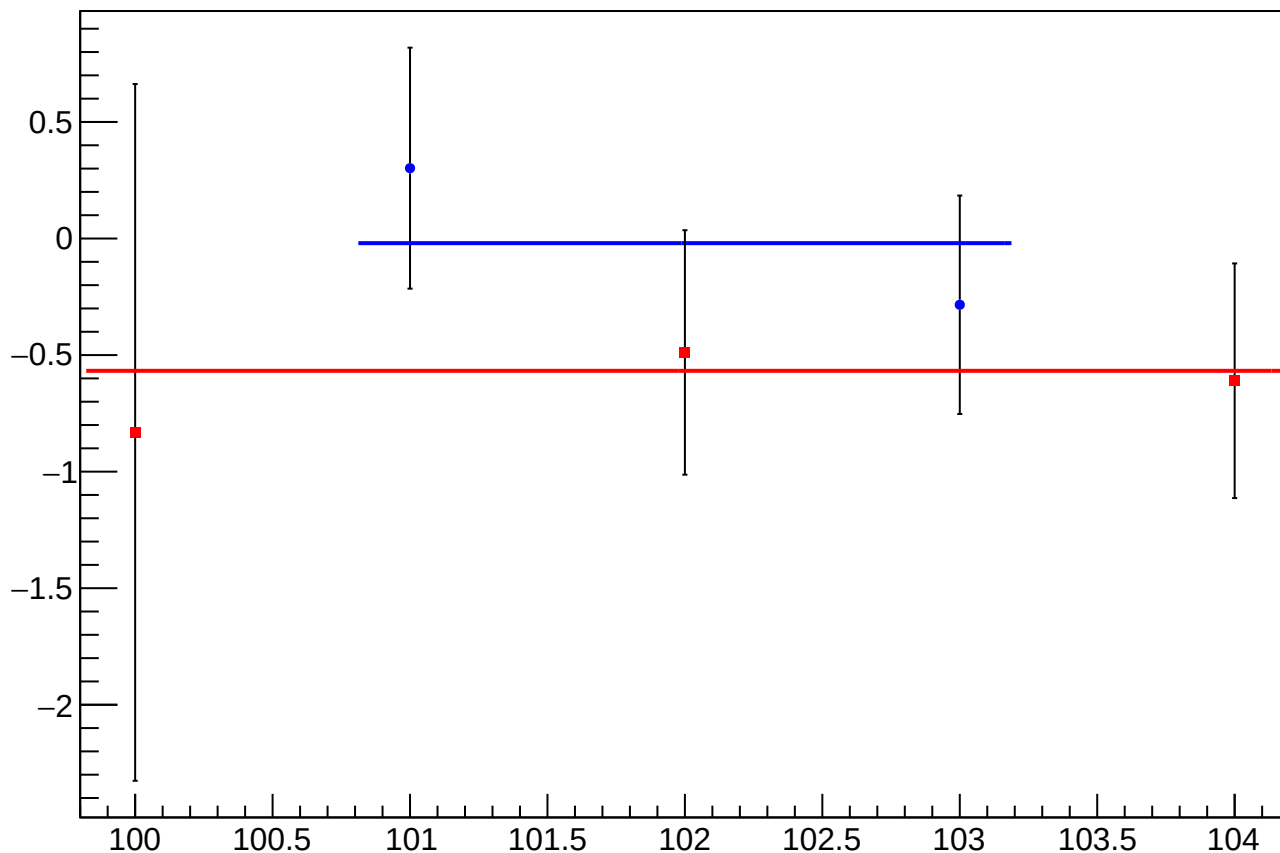
Right: 398.238 +/- 0.179 χ^2/NDF : 25746.5/4

In: 398.177 +/- 0.251 χ^2/NDF : 13536.7/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 398.238 +/- 0.179 χ^2/NDF : 25746.5/4

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.347 χ^2/NDF : 0.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.567+/-0.353 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

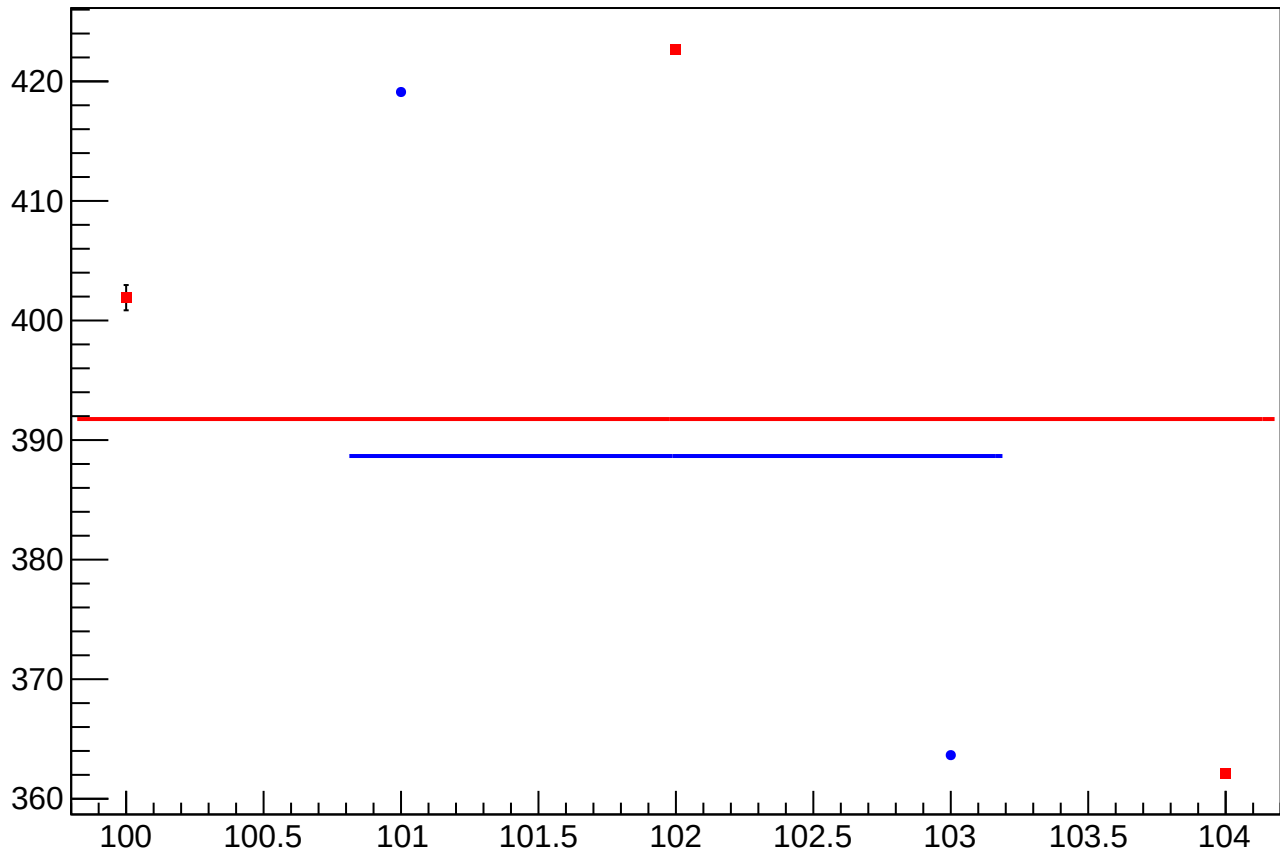
Right: -0.289+/-0.247 χ^2/NDF : 2.0/4

In: -0.020+/-0.347 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.289+/-0.247 χ^2/NDF : 2.0/4

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: 391.758 $\pm$ 0.249 χ^2 /NDF: 13996.1/2

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

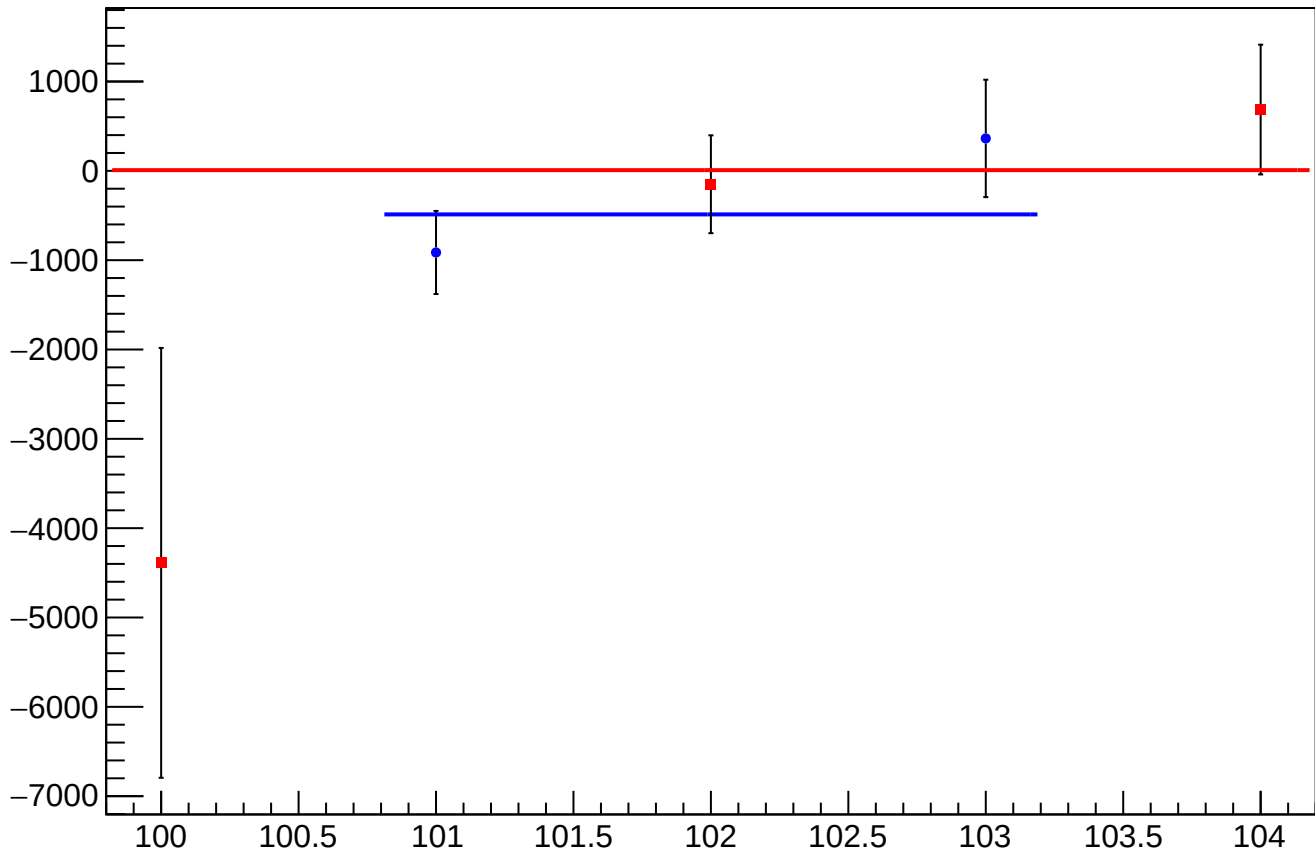
Right: 390.187 $\pm$ 0.175 χ^2 /NDF: 26716.1/4

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: 390.187 $\pm$ 0.175 χ^2 /NDF: 26716.1/4

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -487.684 $\pm$ 379.635 χ^2 /NDF: 2.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.832 $\pm$ 430.261 χ^2 /NDF: 4.3/2

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

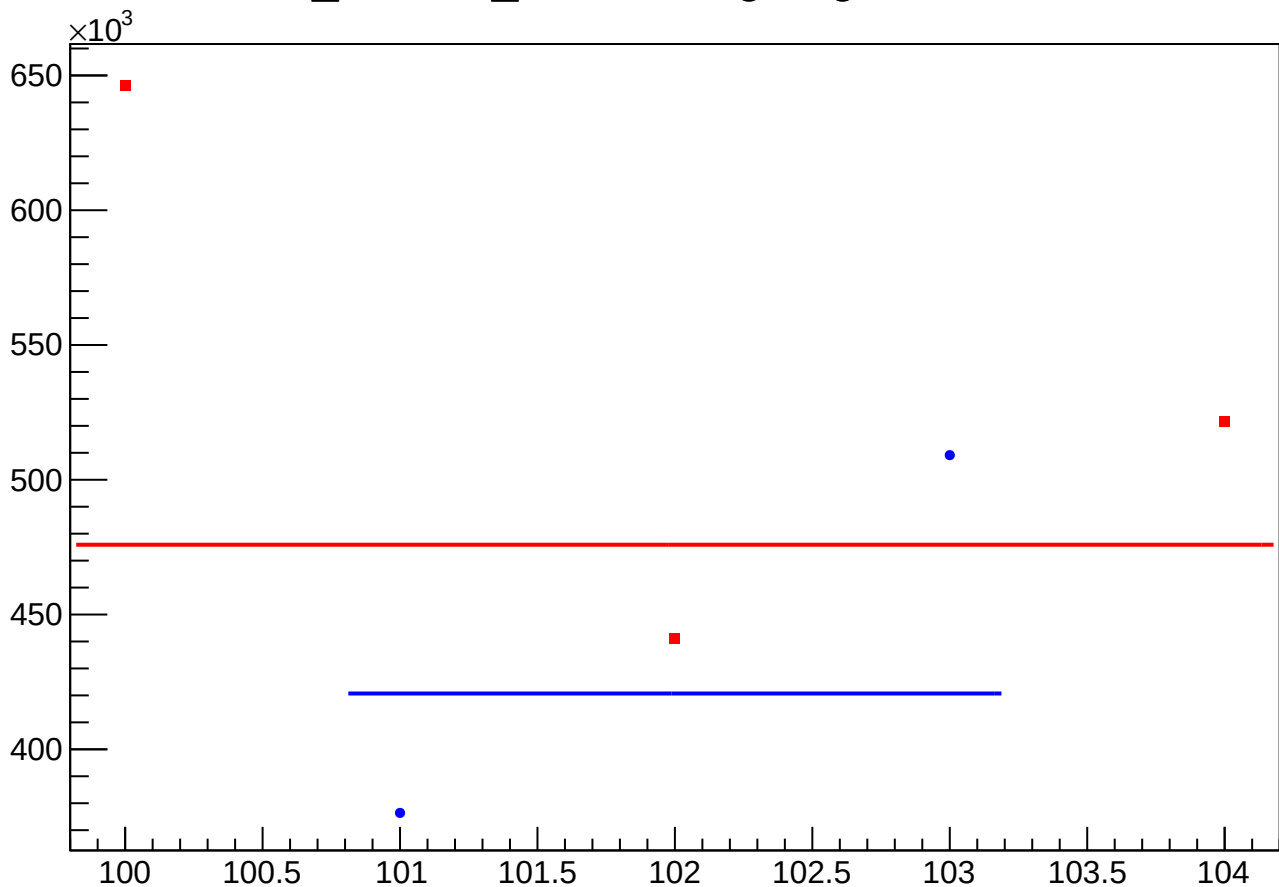
Right: -270.780 $\pm$ 284.667 χ^2 /NDF: 7.6/4

In: -487.684 $\pm$ 379.635 χ^2 /NDF:2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

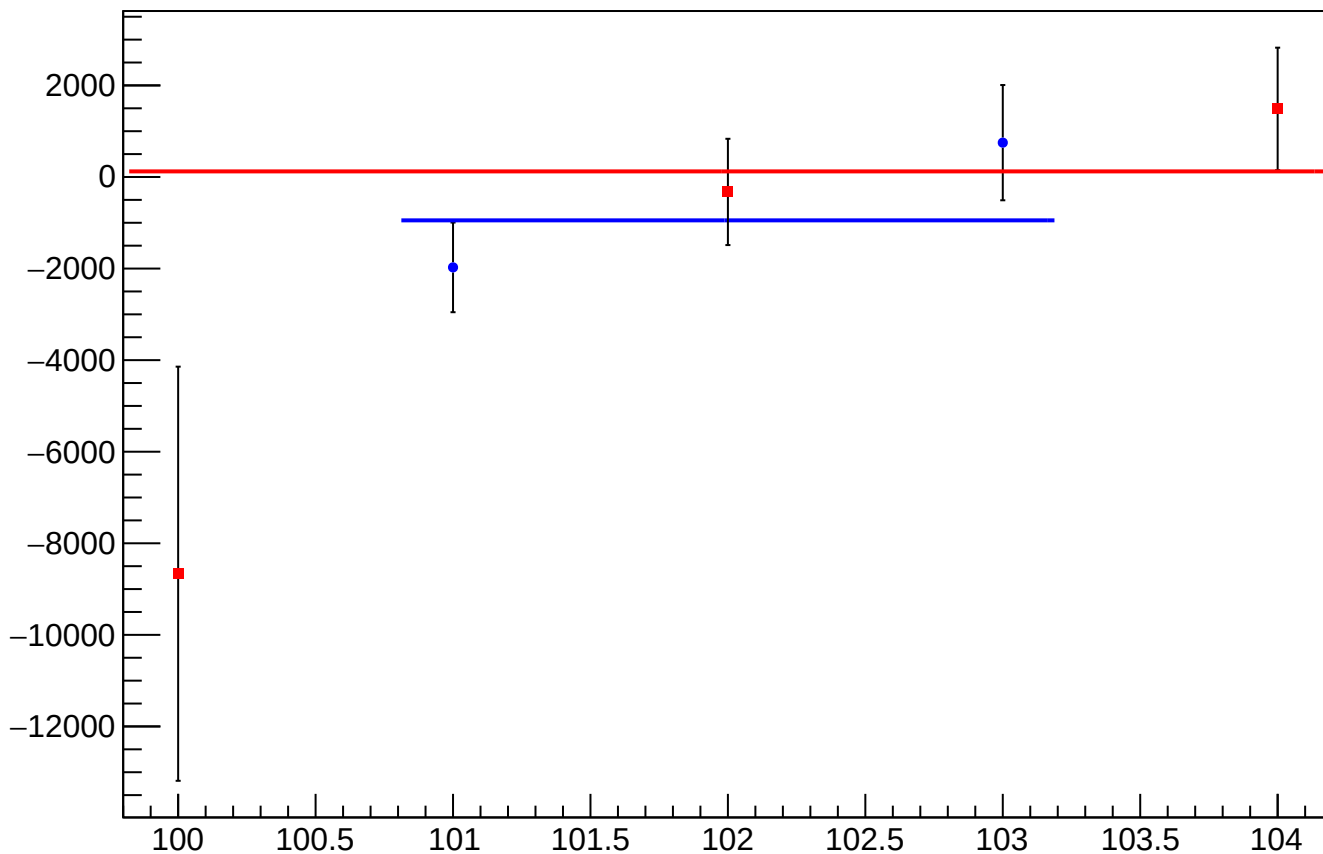
All: -270.780 $\pm$ 284.667 χ^2 /NDF: 7.6/4

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 420708.472 $\pm$ 268.442 χ^2/NDF : 54368.1/1
 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: 444866.413 $\pm$ 201.290 χ^2/NDF : 98958.1/4
 Right Out: 475897.133 $\pm$ 304.240 χ^2/NDF : 26088.5/2
 In: 420708.472 $\pm$ 268.442 χ^2/NDF : 54368.1/1
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 444866.413 $\pm$ 201.290 χ^2/NDF : 98958.1/4

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: 122.184+/-860.548 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

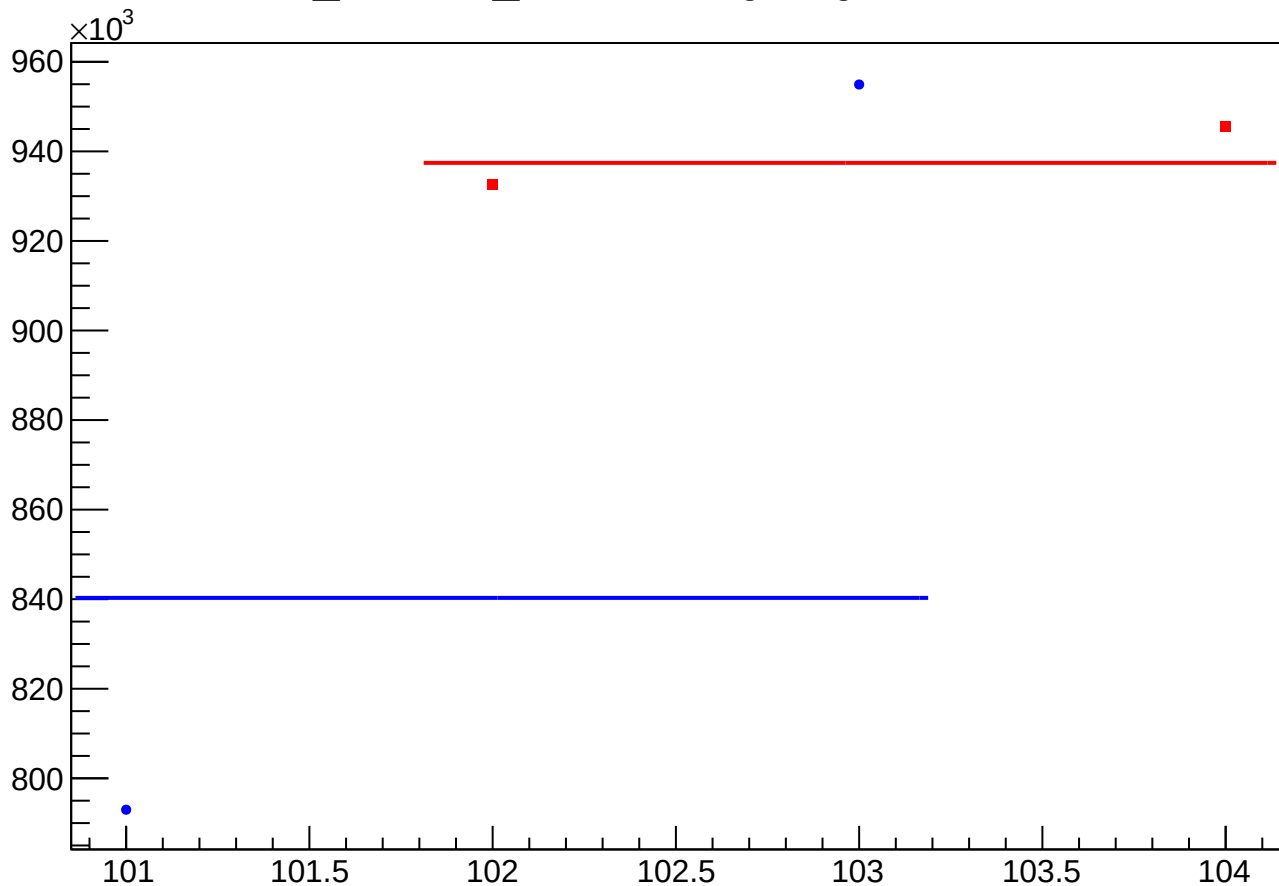
Right: -469.773+/-574.991 χ^2/NDF : 8.7/4

In: -947.196+/-772.826 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -469.773+/-574.991 χ^2/NDF : 8.7/4

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 840291.994 $\pm$ 582.514 χ^2/NDF : 15982.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 937435.547 $\pm$ 657.716 χ^2/NDF : 89.5/1

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

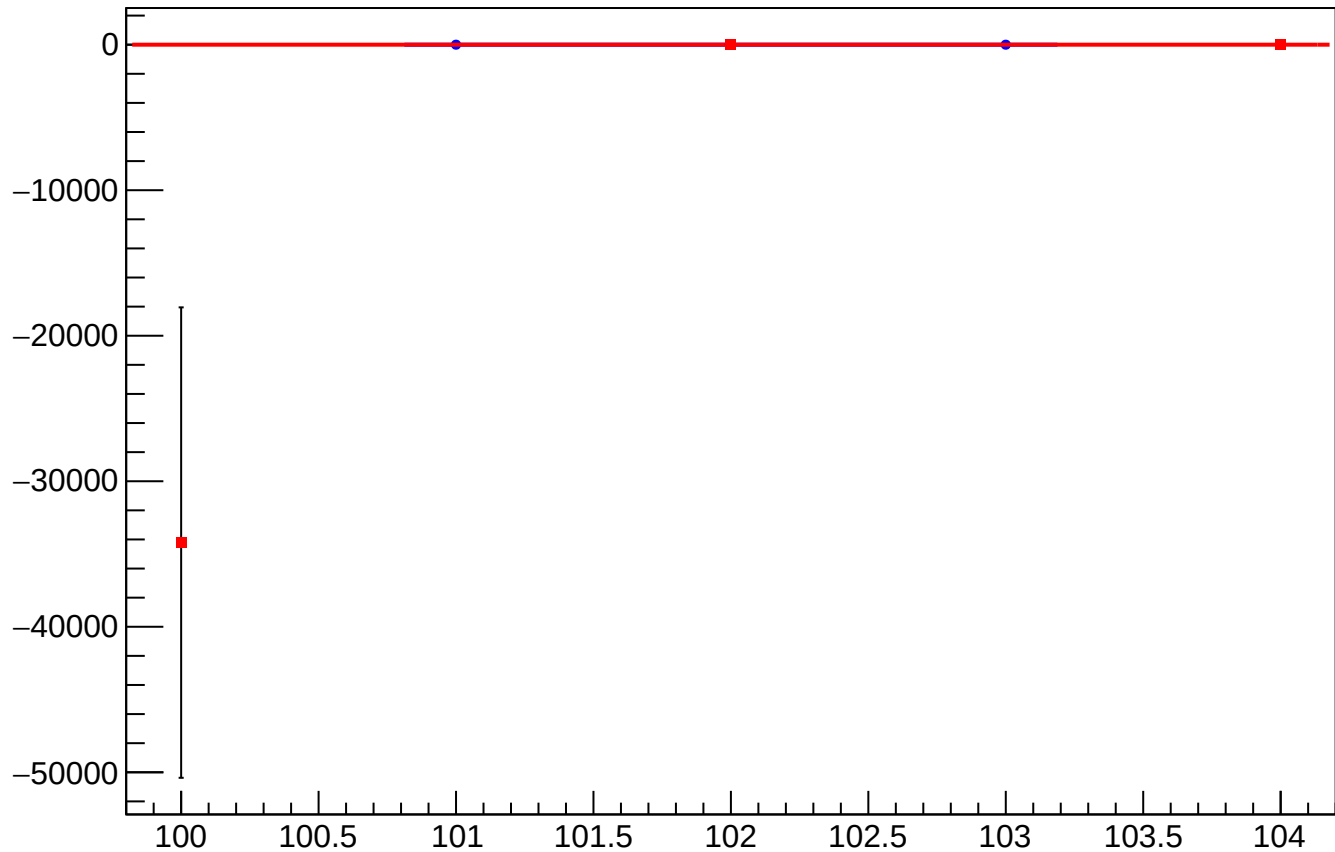
Right: 882994.998 $\pm$ 436.074 χ^2/NDF : 28297.1/3

In: 840291.994 $\pm$ 582.514 χ^2/NDF : 15982.3/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 882994.998 $\pm$ 436.074 χ^2/NDF : 28297.1

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: 0.409+/-0.184 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

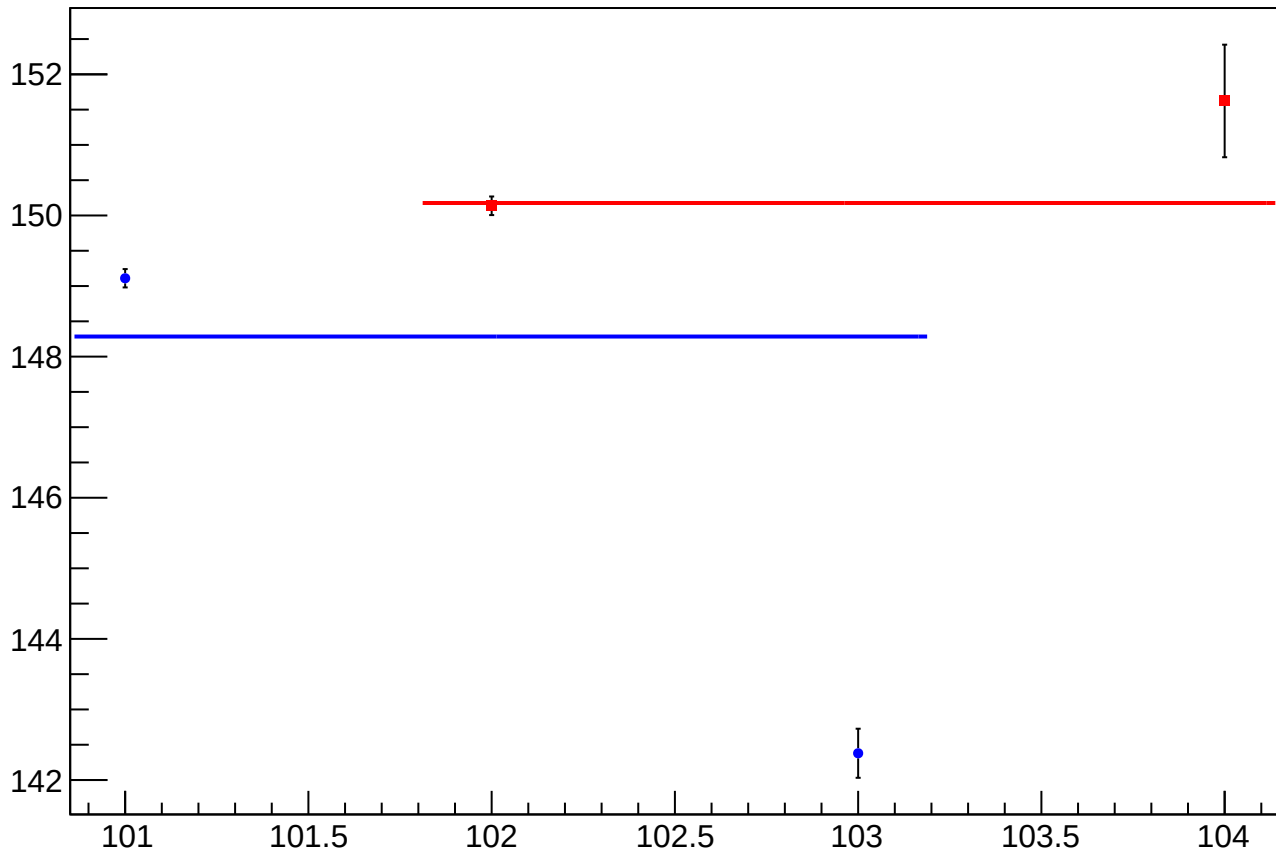
Right: 0.173+/-0.126 χ^2/NDF : 8.2/4

In: -0.034+/-0.172 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.173+/-0.126 χ^2/NDF : 8.2/4

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.285+/-0.122 χ^2/NDF : 328.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.177+/-0.130 χ^2/NDF : 3.4/1

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

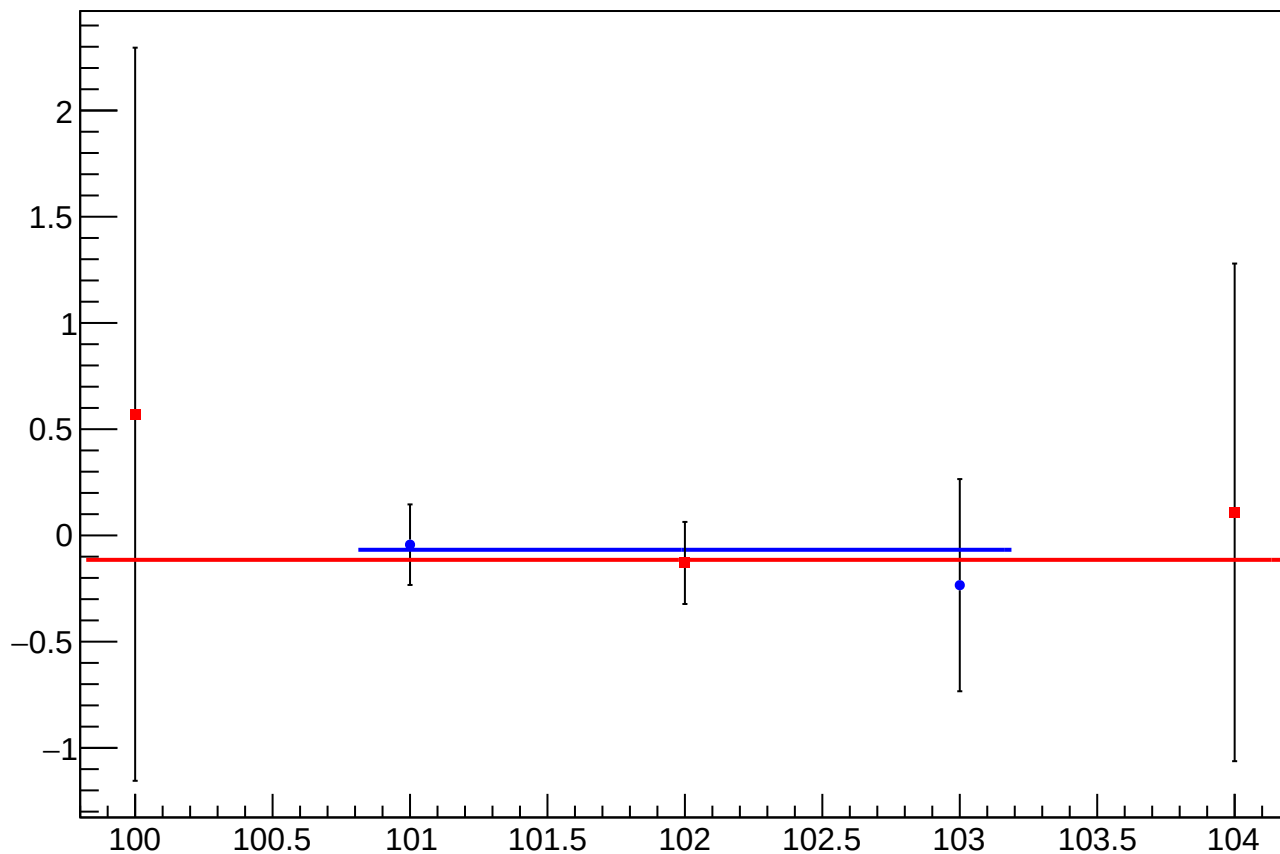
Right: 149.170+/-0.089 χ^2/NDF : 445.0/3

In: 148.285+/-0.122 χ^2/NDF : 328.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.170+/-0.089 χ^2/NDF : 445.0/3

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: -0.115 $\pm$ 0.189 χ^2 /NDF: 0.2/2

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

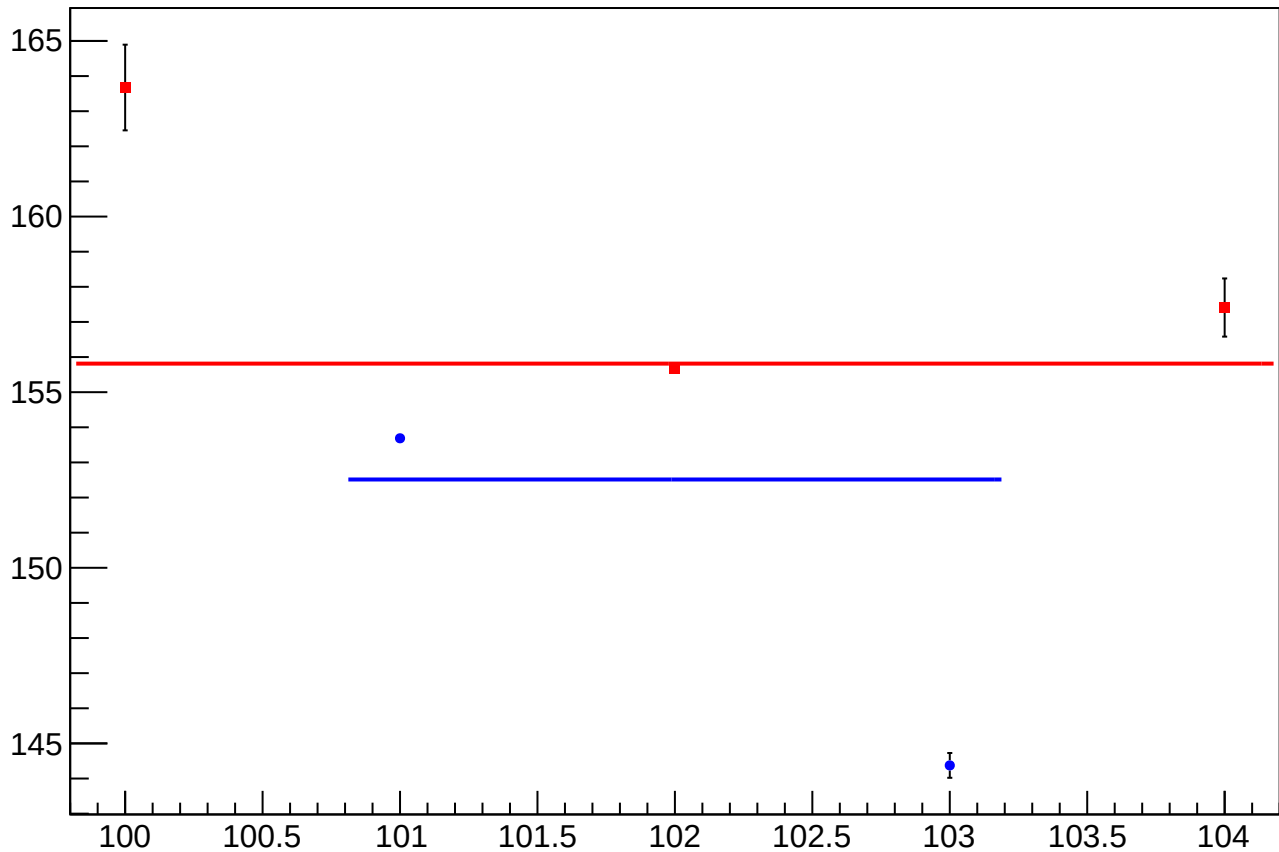
Right: -0.090 $\pm$ 0.129 χ^2 /NDF: 0.4/4

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: -0.090 $\pm$ 0.129 χ^2 /NDF: 0.4/4

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: 155.813 $\pm$ 0.134 χ^2 /NDF: 46.3/2

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

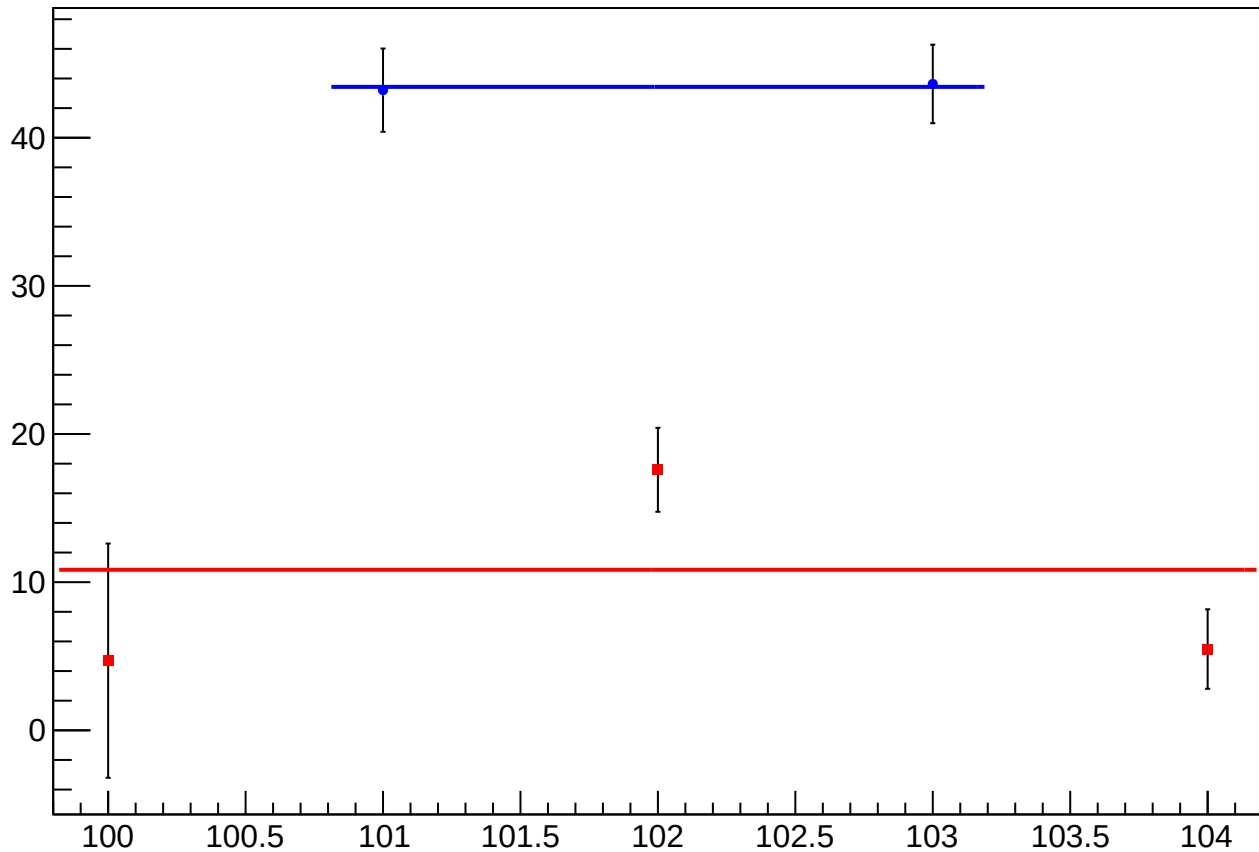
Right: 154.054 $\pm$ 0.092 χ^2 /NDF: 977.9/4

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: 154.054 $\pm$ 0.092 χ^2 /NDF: 977.9/4

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: 10.837+/-1.892 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

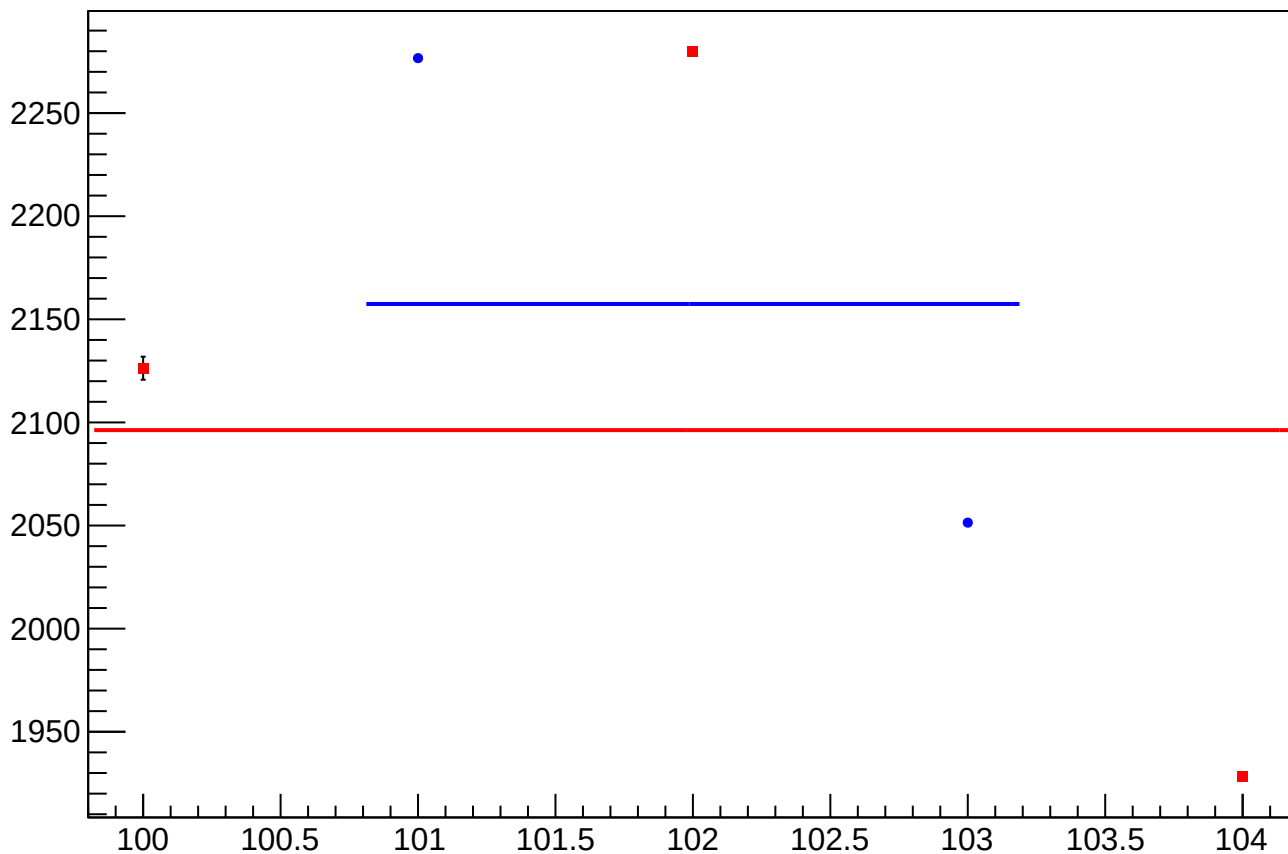
Right: 26.823+/-1.351 χ^2/NDF : 155.8/4

In: 43.433+/-1.929 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.823+/-1.351 χ^2/NDF : 155.8/4

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: 2096.271 $\pm$ 1.338 χ^2 /NDF: 16262.3/2

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

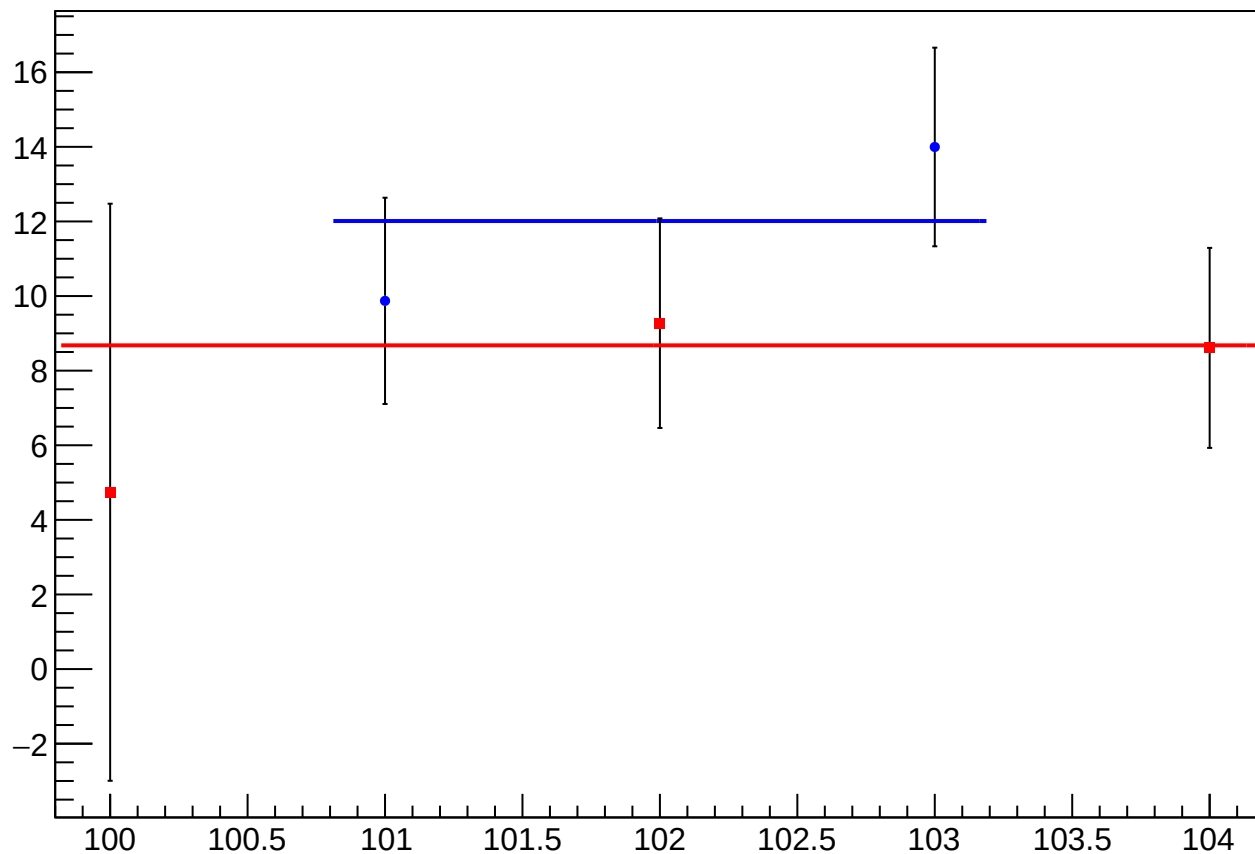
Right: 2126.272 $\pm$ 0.955 χ^2 /NDF: 24084.6/4

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: 2126.272 $\pm$ 0.955 χ^2 /NDF: 24084.6/4

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 12.011+/-1.918 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.678+/-1.881 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

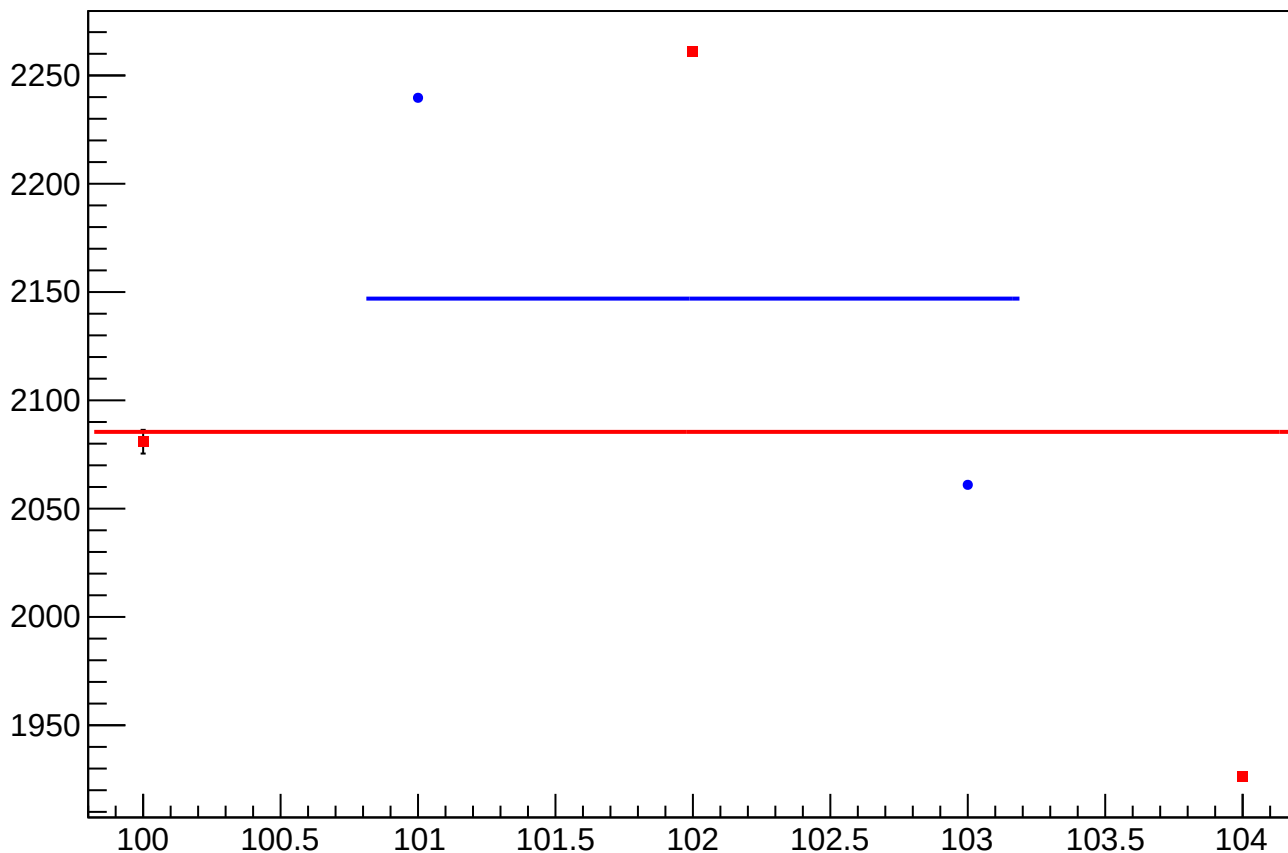
Right: 10.313+/-1.343 χ^2/NDF : 3.0/4

In: 12.011+/-1.918 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.313+/-1.343 χ^2/NDF : 3.0/4

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2146.972 $\pm$ 1.356 χ^2 /NDF: 4334.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2085.445 $\pm$ 1.330 χ^2 /NDF: 14849.9/2

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

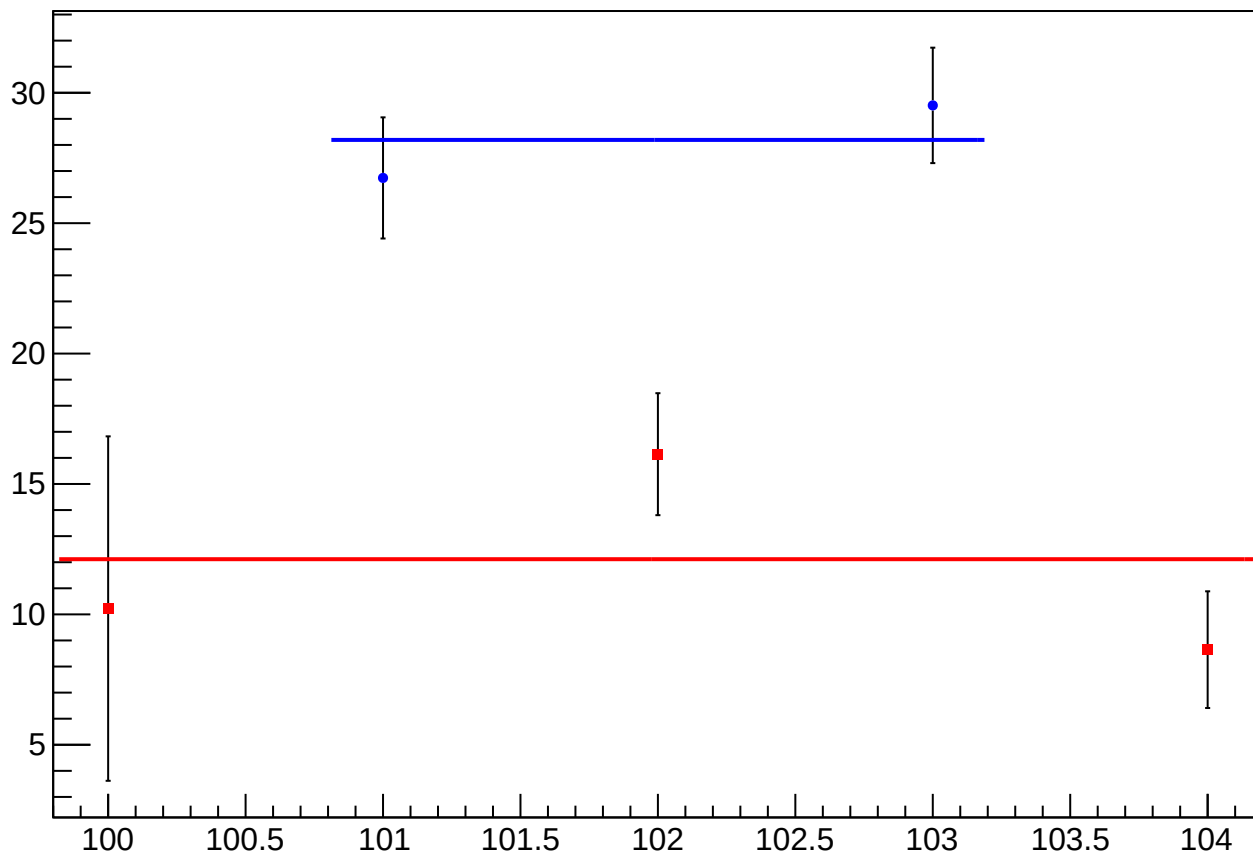
Right: 2115.617 $\pm$ 0.950 χ^2 /NDF: 20233.5/4

In: 2146.972 $\pm$ 1.356 χ^2 /NDF:4334.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2115.617 $\pm$ 0.950 χ^2 /NDF: 20233.5/4

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: 12.116+/-1.570 χ^2 /NDF: 5.5/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

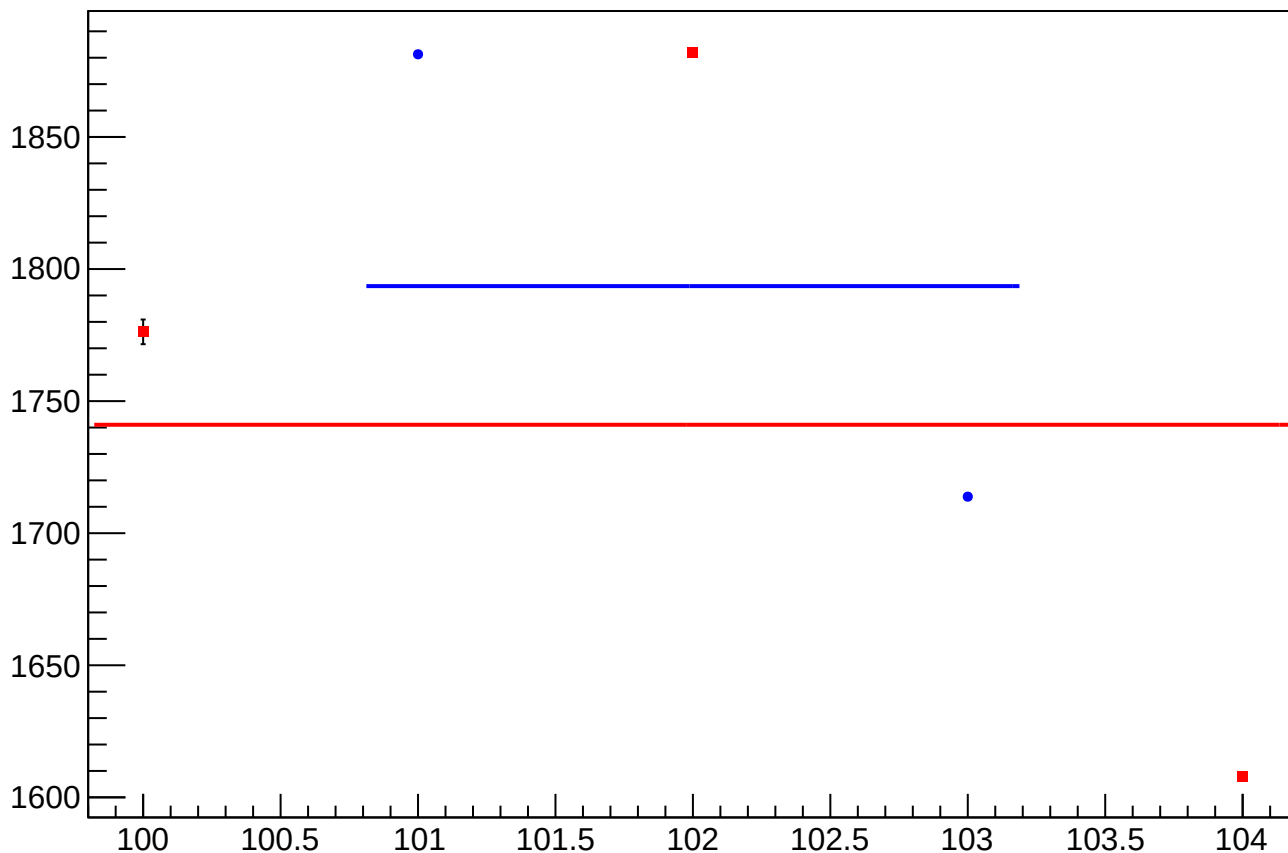
Right: 19.992+/-1.121 χ^2 /NDF: 57.6/4

In: 28.193+/-1.602 χ^2 /NDF: 0.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.992+/-1.121 χ^2 /NDF: 57.6/4

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1793.537 $\pm$ 1.133 χ^2 /NDF: 5450.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1741.048 $\pm$ 1.110 χ^2 /NDF: 14427.8/2

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

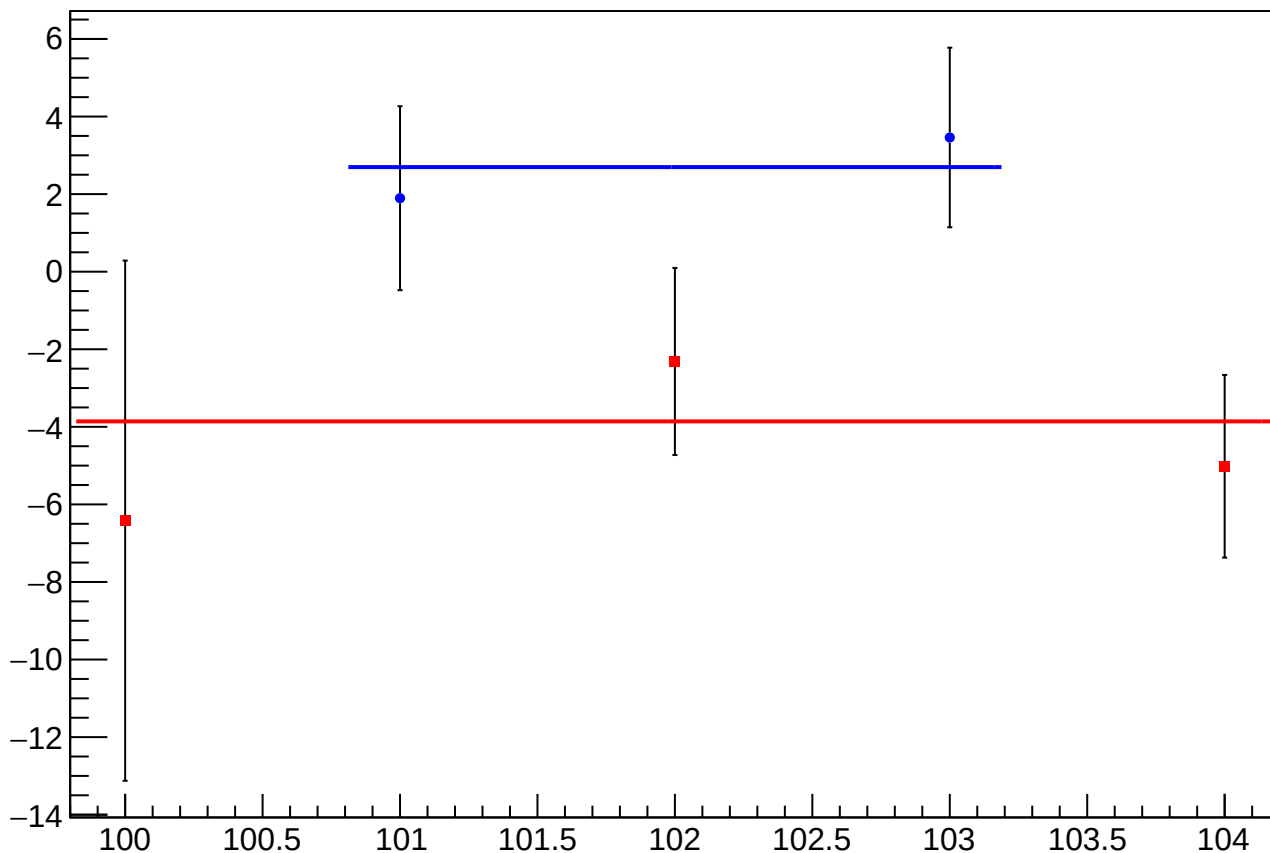
Right: 1766.764 $\pm$ 0.793 χ^2 /NDF: 20972.6/4

In: 1793.537 $\pm$ 1.133 χ^2 /NDF: 5450.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1766.764 $\pm$ 0.793 χ^2 /NDF: 20972.6/4

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: -3.860+/-1.634 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

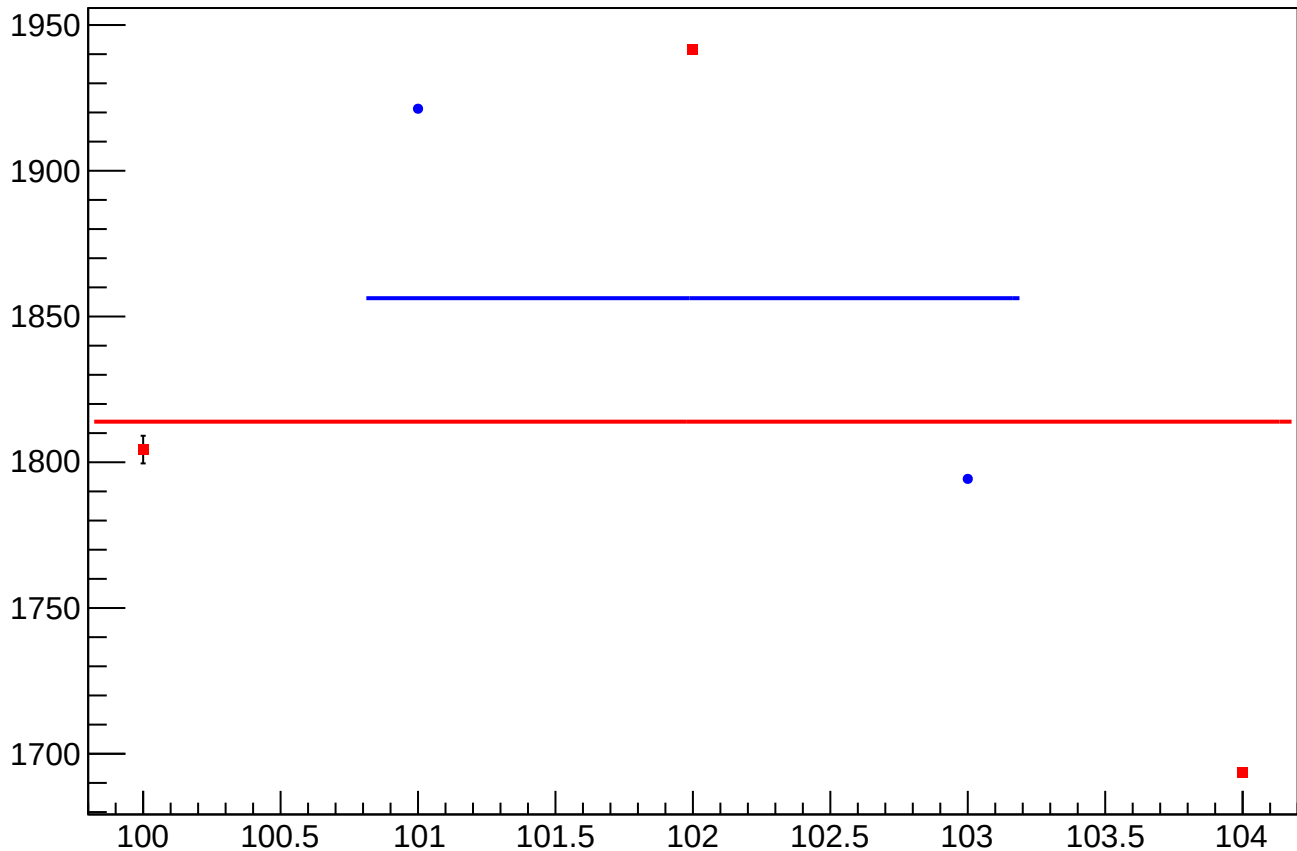
Right: -0.627+/-1.163 χ^2/NDF : 9.0/4

In: 2.696+/-1.657 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.627+/-1.163 χ^2/NDF : 9.0/4

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1856.289+/-1.171 χ^2/NDF : 2935.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1813.928+/-1.155 χ^2/NDF : 10842.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

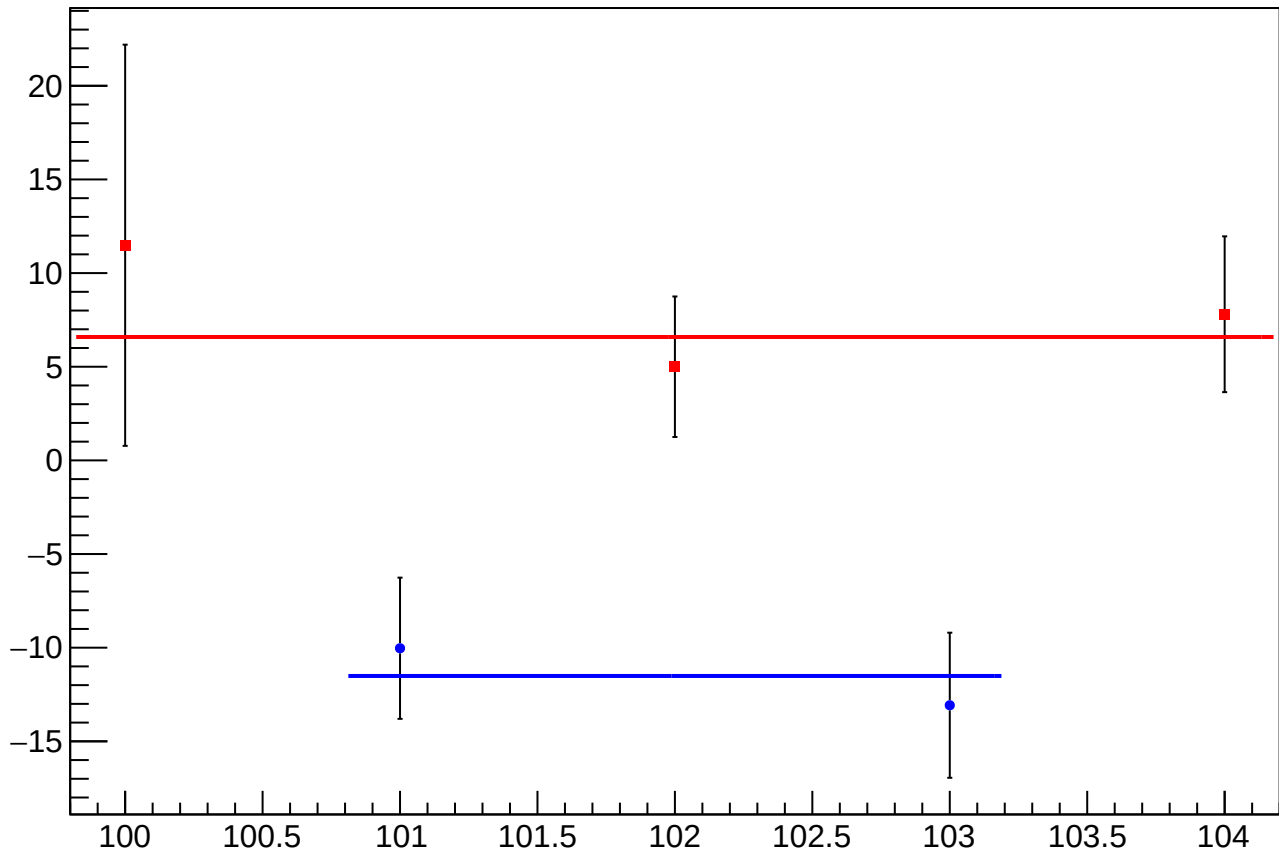
Right: 1834.818+/-0.823 χ^2/NDF : 14441.0/4

In: 1856.289+/-1.171 χ^2/NDF : 2935.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.818+/-0.823 χ^2/NDF : 14441.0/4

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -11.510 $\pm$ 2.702 χ^2/NDF : 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 6.588 $\pm$ 2.696 χ^2/NDF : 0.5/2

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

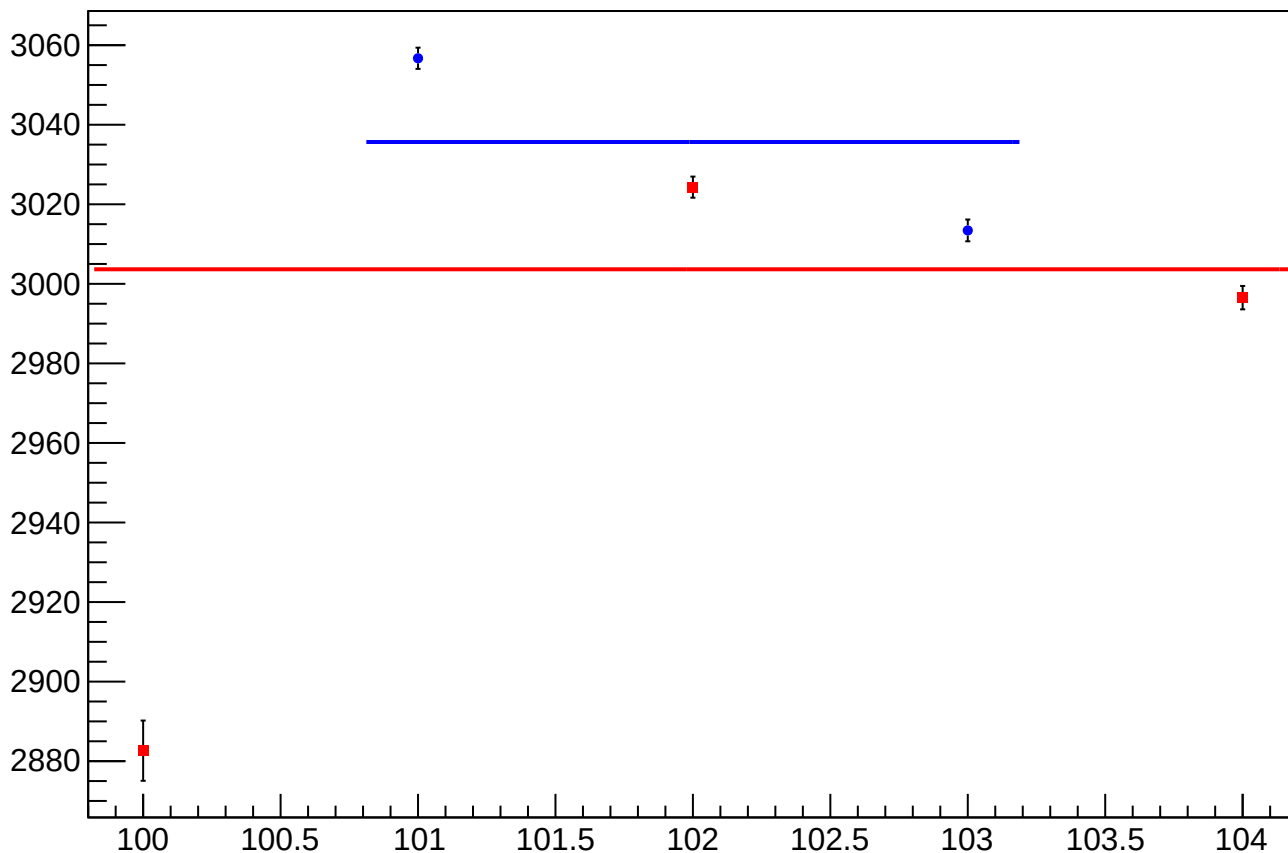
Right: -2.443 $\pm$ 1.908 χ^2/NDF : 23.3/4

In: -11.510 $\pm$ 2.702 χ^2/NDF : 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -2.443 $\pm$ 1.908 χ^2/NDF : 23.3/4

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3035.659 $\pm$ 1.910 χ^2 /NDF: 128.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3003.659 $\pm$ 1.906 χ^2 /NDF: 321.9/2

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

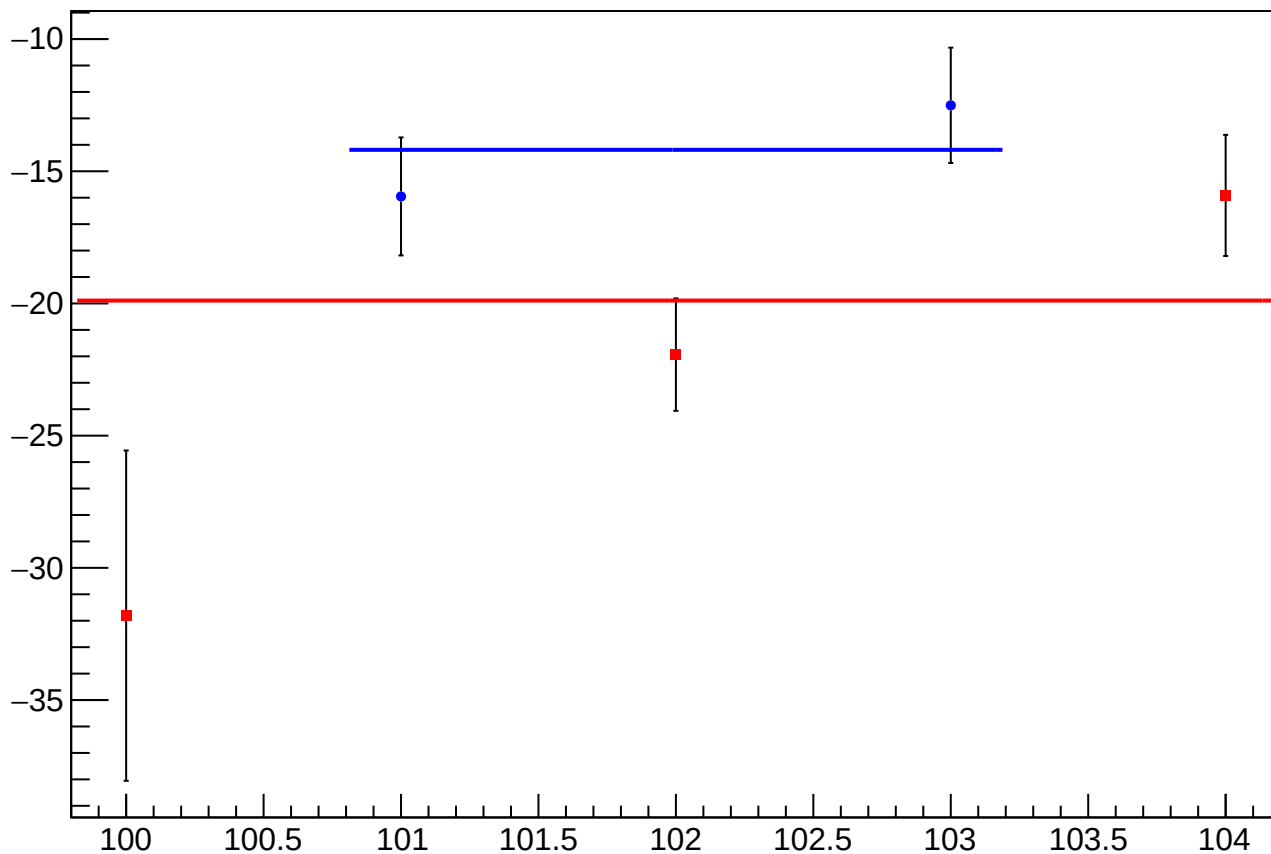
Right: 3019.626 $\pm$ 1.349 χ^2 /NDF: 590.7/4

In: 3035.659 $\pm$ 1.910 χ^2 /NDF: 128.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3019.626 $\pm$ 1.349 χ^2 /NDF: 590.7/4

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: -19.890 $\pm$ 1.512 χ^2 /NDF: 7.6/2

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

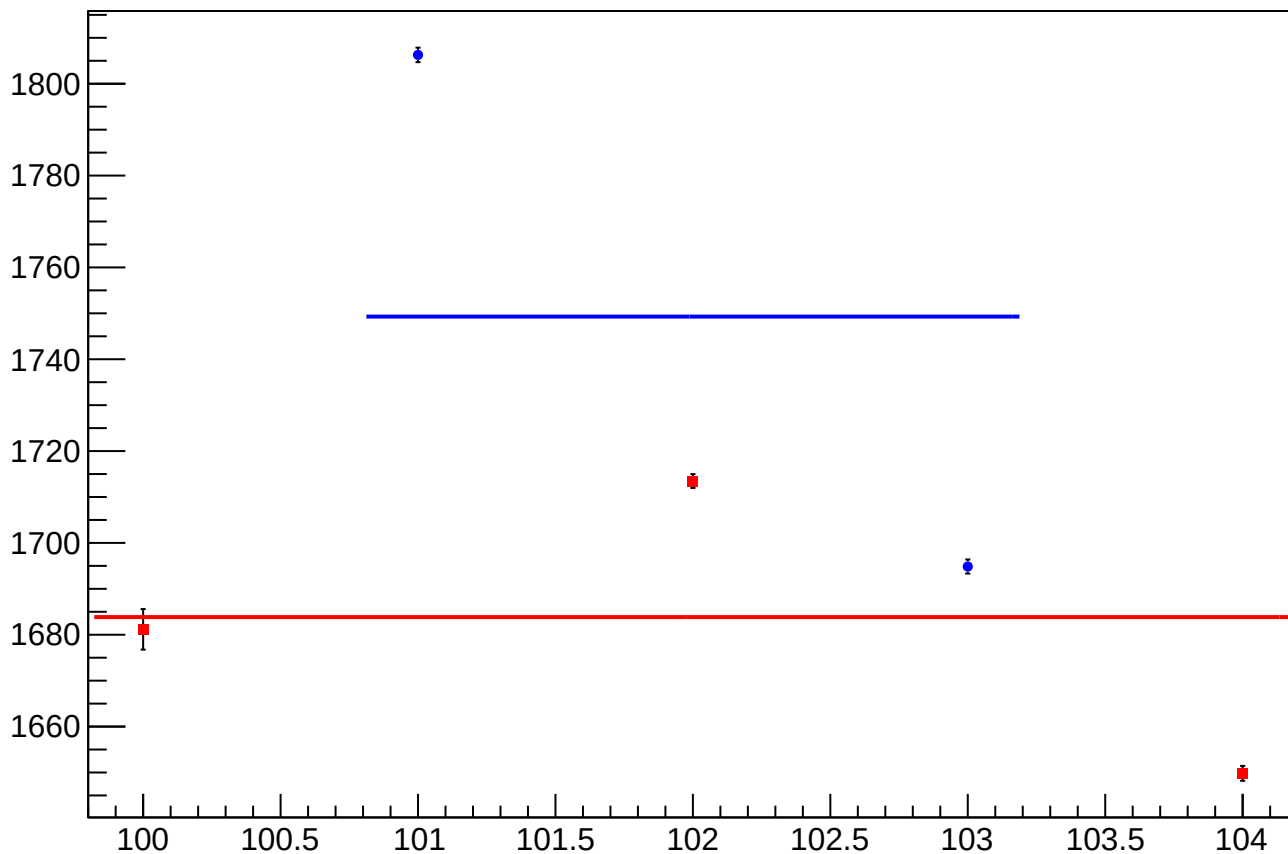
Right: -17.128 $\pm$ 1.086 χ^2 /NDF: 15.7/4

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: -17.128 $\pm$ 1.086 χ^2 /NDF: 15.7/4

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: 1715.564 ± 0.768 $\chi^2/\text{NDF}: 5195.3/4$

In: 1749.292 ± 1.103 $\chi^2/\text{NDF}: 2550.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1715.564 ± 0.768 $\chi^2/\text{NDF}: 5195.3/4$

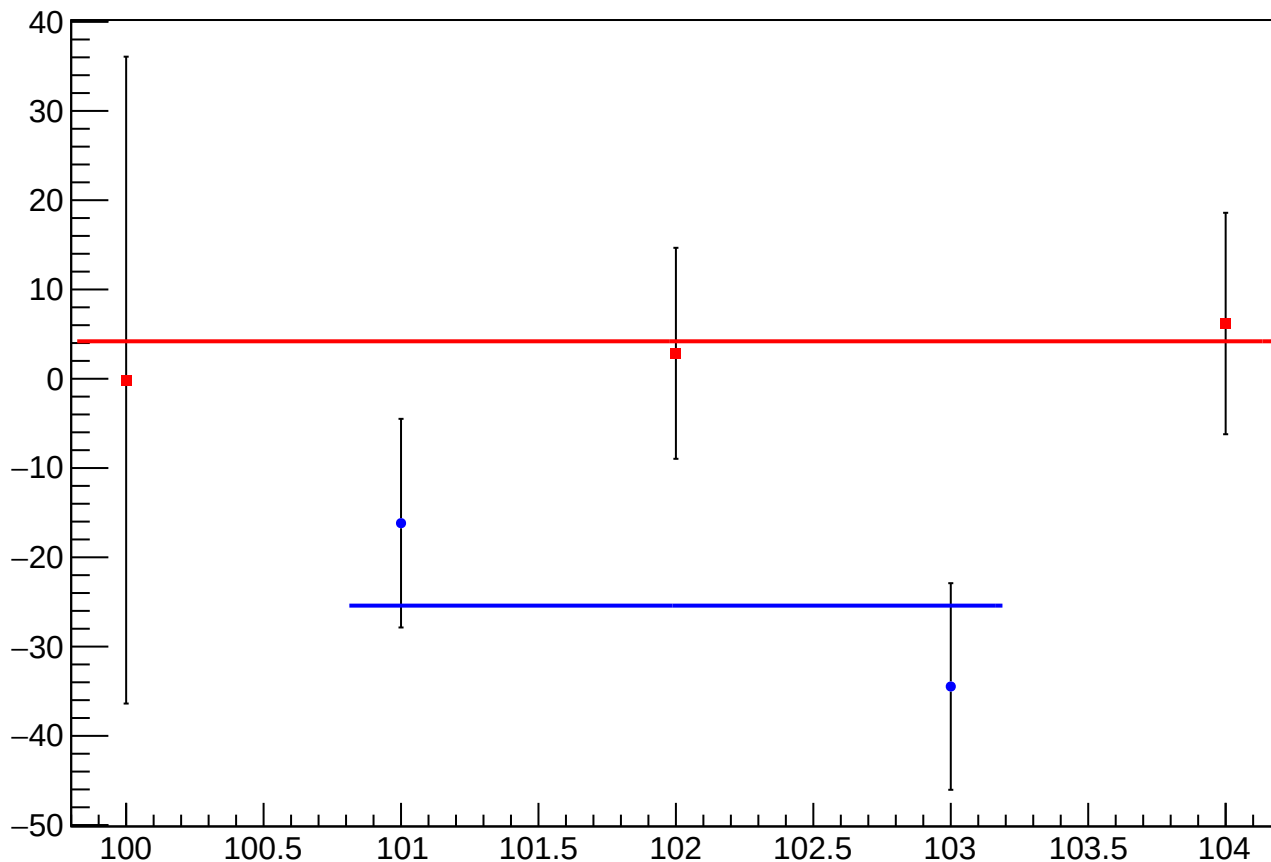
Right In: 1749.292 ± 1.103 $\chi^2/\text{NDF}: 2550.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1683.847 ± 1.069 $\chi^2/\text{NDF}: 829.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -25.411 $\pm$ 8.222 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.196 $\pm$ 8.326 χ^2 /NDF: 0.1/2

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

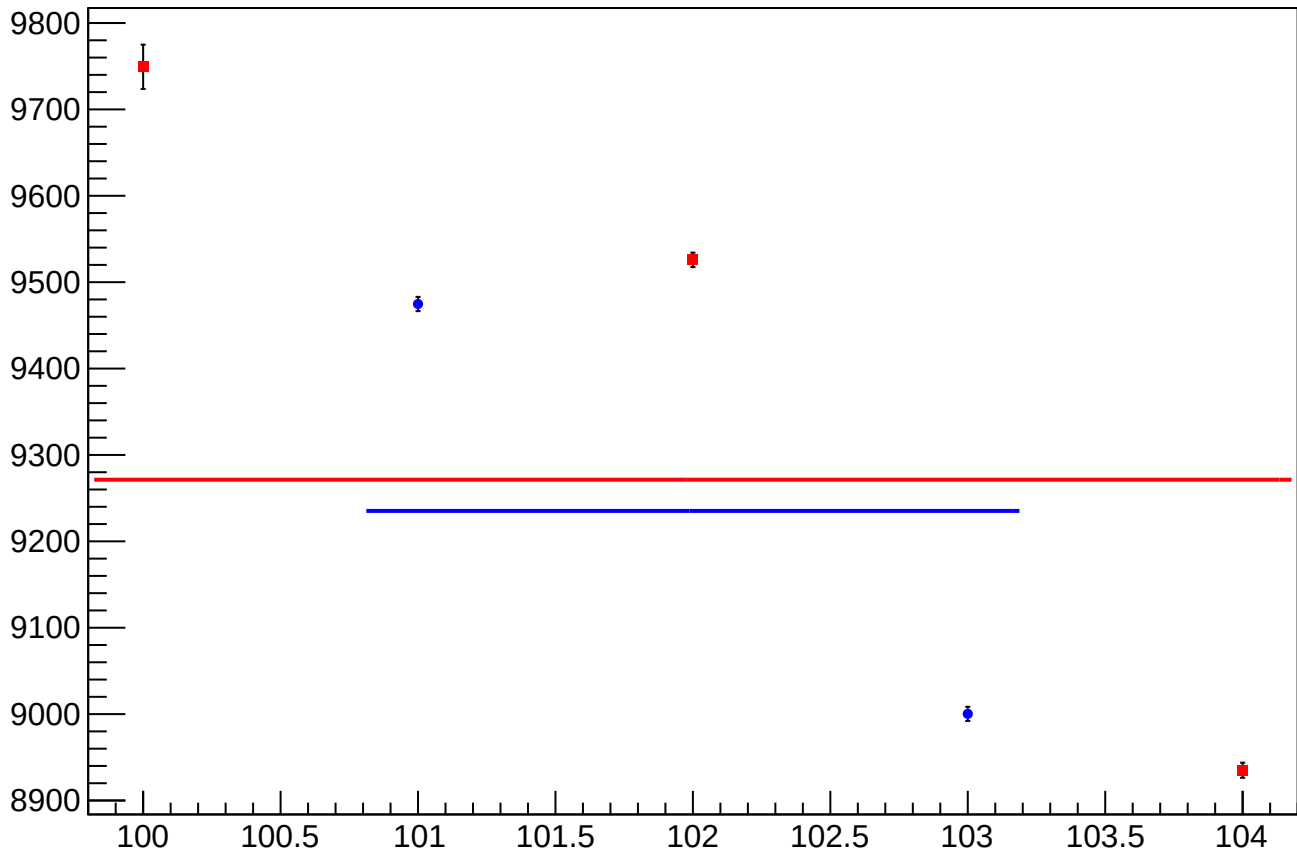
Right: -10.794 $\pm$ 5.850 χ^2 /NDF: 7.7/4

In: -25.411 $\pm$ 8.222 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.794 $\pm$ 5.850 χ^2 /NDF: 7.7/4

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: 9271.325+/-5.887 χ^2/NDF : 2746.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

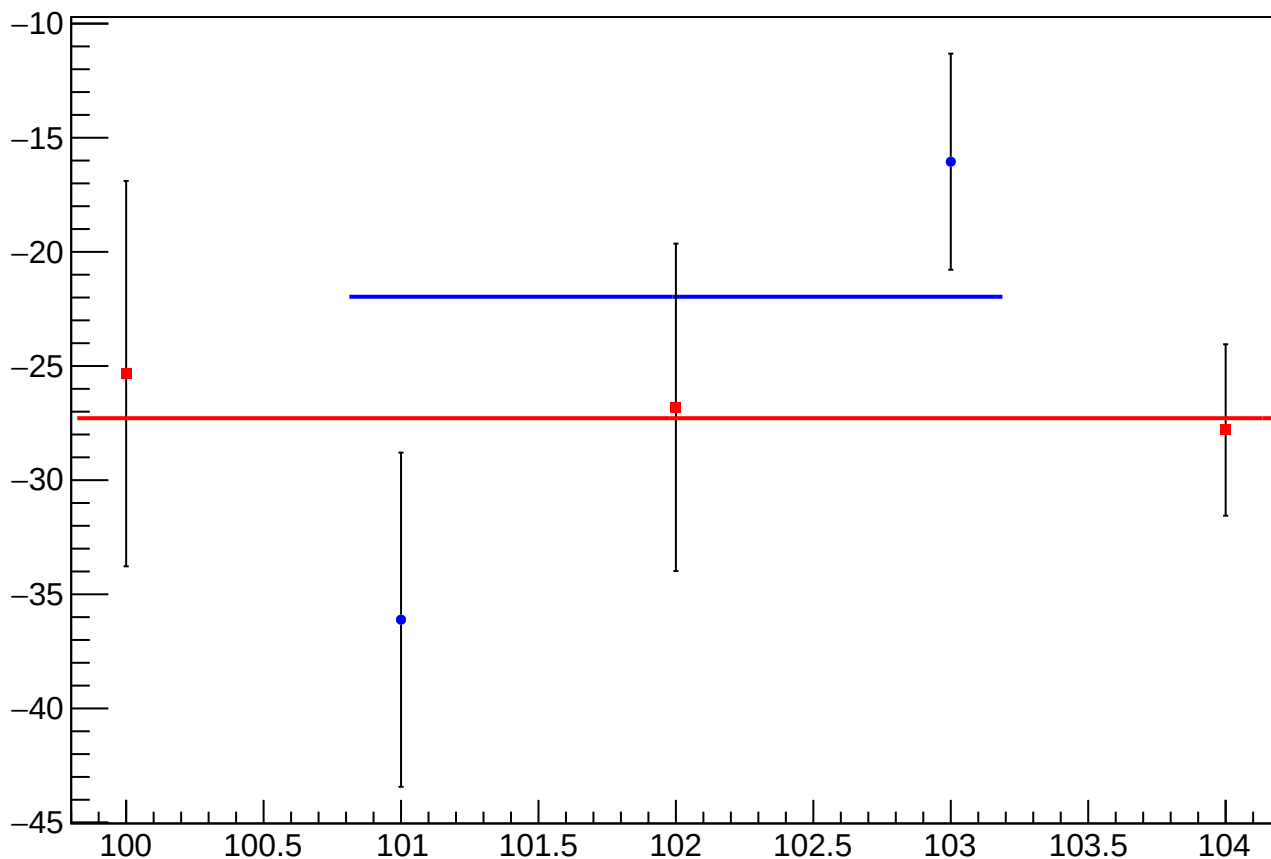
Right: 9253.043+/-4.137 χ^2/NDF : 4430.0/4

In: 9235.216+/-5.814 χ^2/NDF : 1664.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9253.043+/-4.137 χ^2/NDF : 4430.0/4

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: -27.286 $\pm$ 3.095 χ^2 /NDF: 0.1/2

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

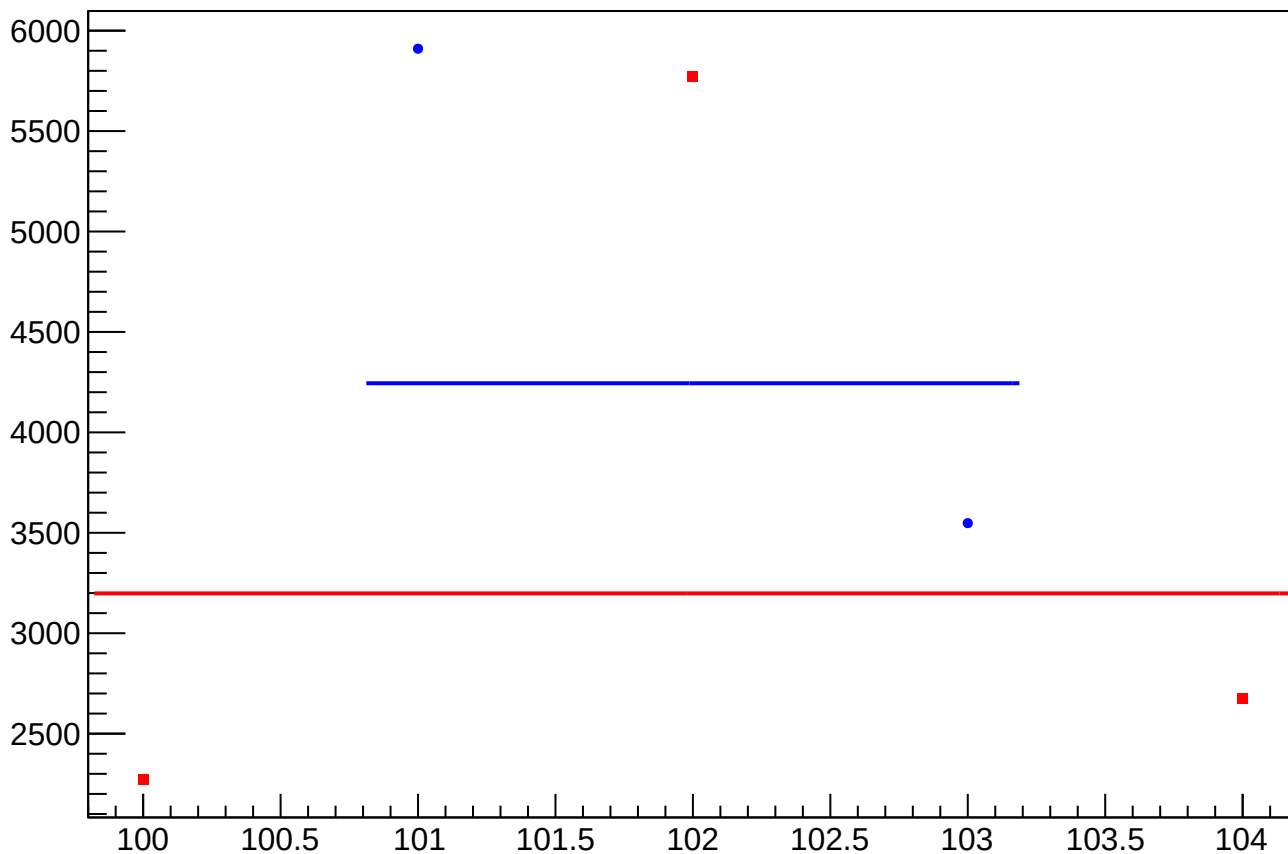
Right: -25.278 $\pm$ 2.442 χ^2 /NDF: 6.5/4

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: -25.278 $\pm$ 2.442 χ^2 /NDF: 6.5/4

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: 3198.346+/-2.188 χ^2/NDF : 319753.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

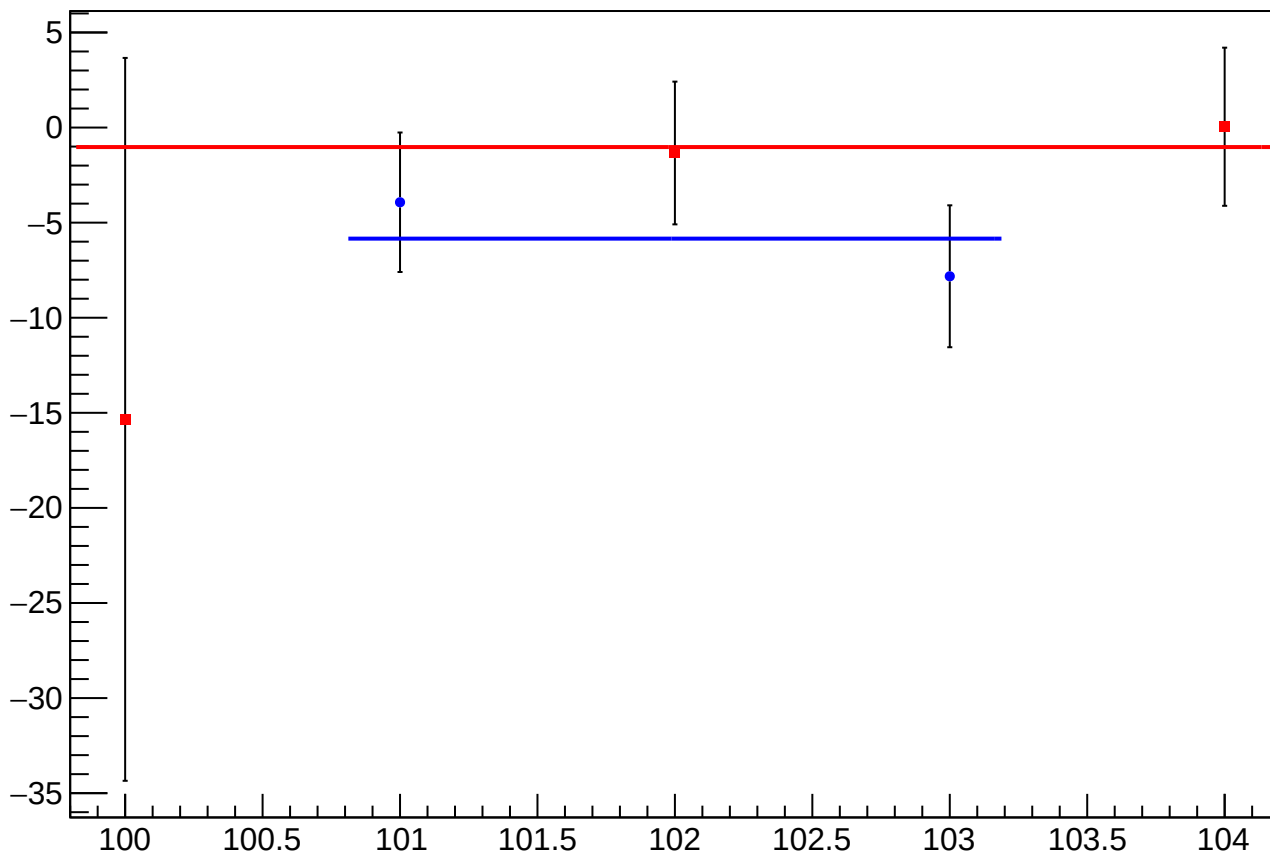
Right: 3593.178+/-1.727 χ^2/NDF : 552879.0/4

In: 4244.508+/-2.810 χ^2/NDF : 146860.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3593.178+/-1.727 χ^2/NDF : 552879.0/4

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.841+/-2.616 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.025+/-2.756 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

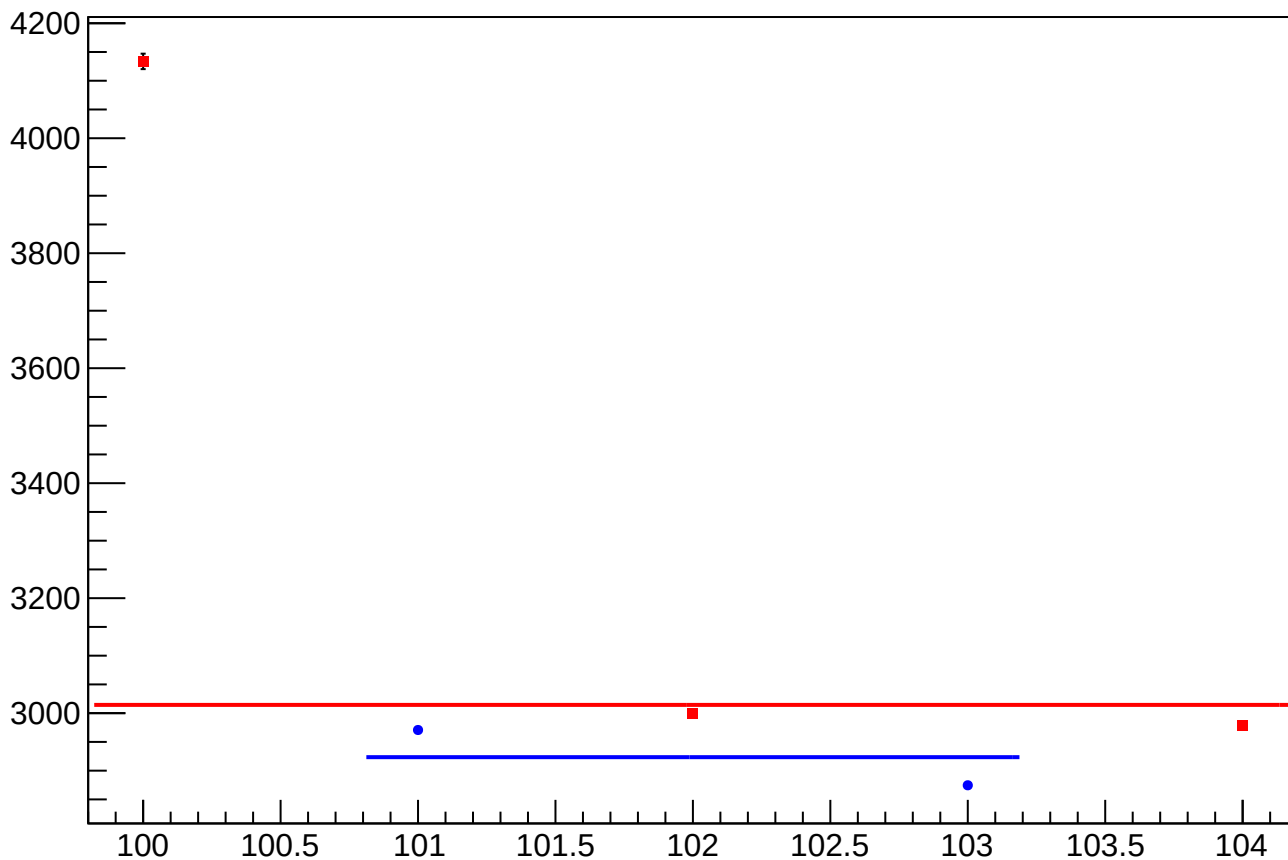
Right: -3.559+/-1.897 χ^2/NDF : 2.8/4

In: -5.841+/-2.616 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.559+/-1.897 χ^2/NDF : 2.8/4

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: 3014.378+/-1.949 χ^2/NDF : 7112.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

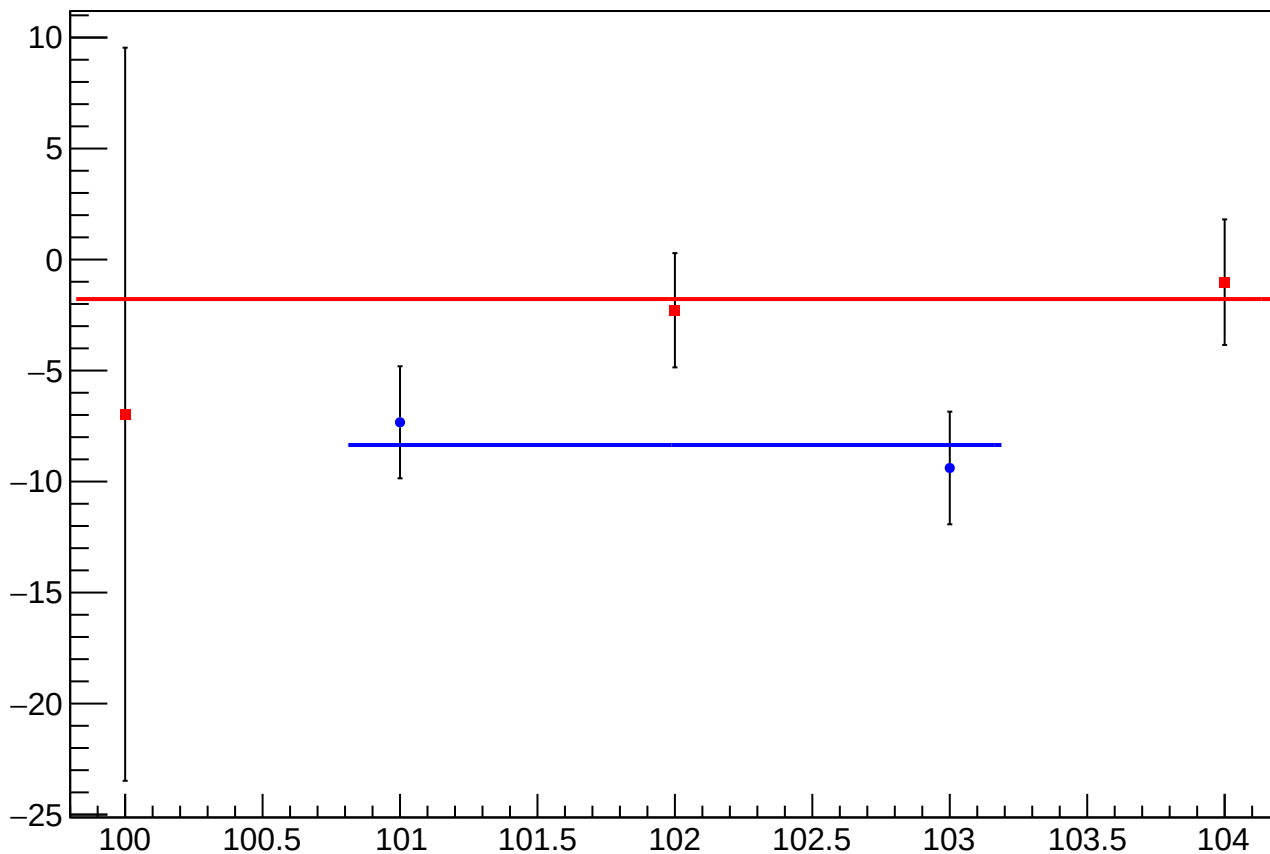
Right: 2966.545+/-1.342 χ^2/NDF : 8933.2/4

In: 2923.473+/-1.849 χ^2/NDF : 675.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2966.545+/-1.342 χ^2/NDF : 8933.2/4

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.354 $\pm$ 1.789 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.780 $\pm$ 1.890 χ^2 /NDF: 0.2/2

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

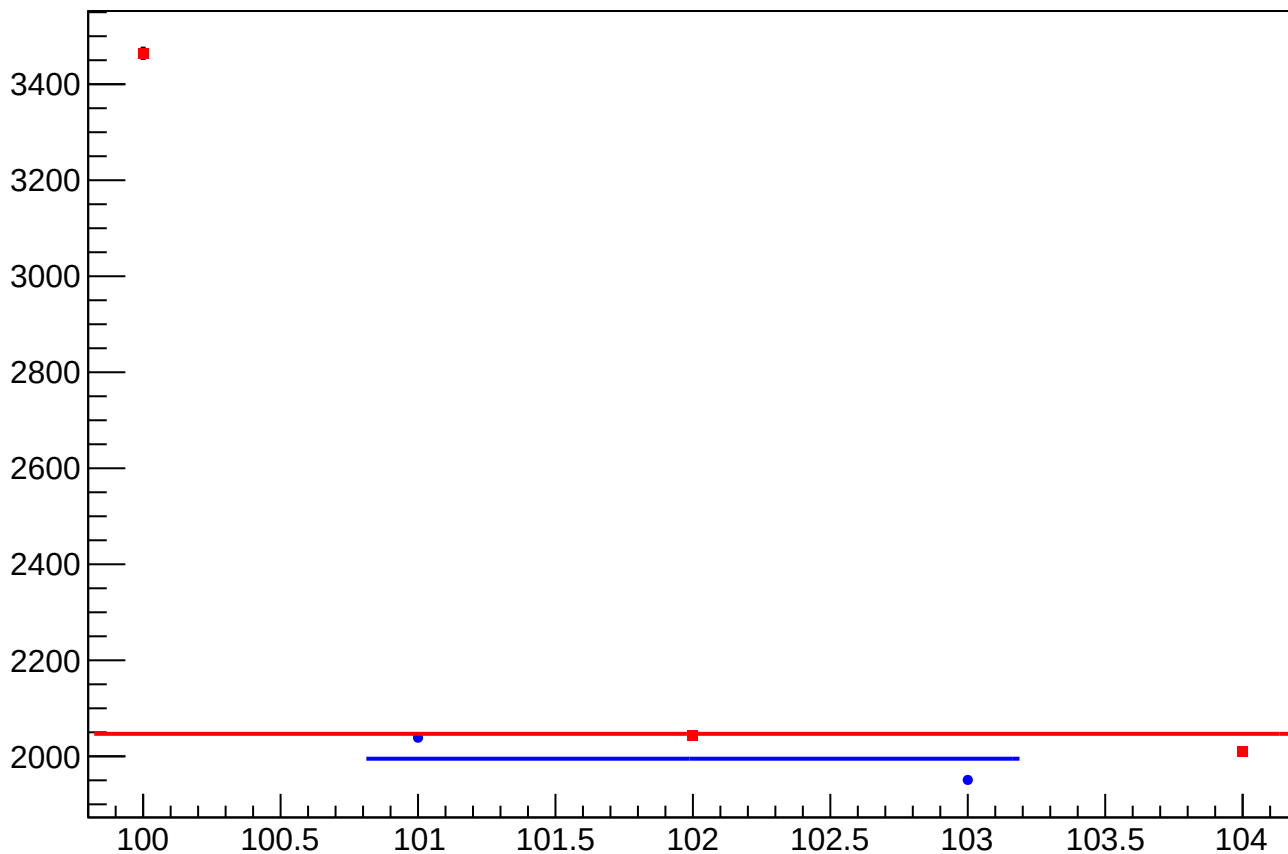
Right: -5.247 $\pm$ 1.300 χ^2 /NDF: 6.9/4

In: -8.354 $\pm$ 1.789 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.247 $\pm$ 1.300 χ^2 /NDF: 6.9/4

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 1995.024 $\pm$ 1.265 χ^2 /NDF: 1208.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2046.858 $\pm$ 1.337 χ^2 /NDF: 15090.7/2

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

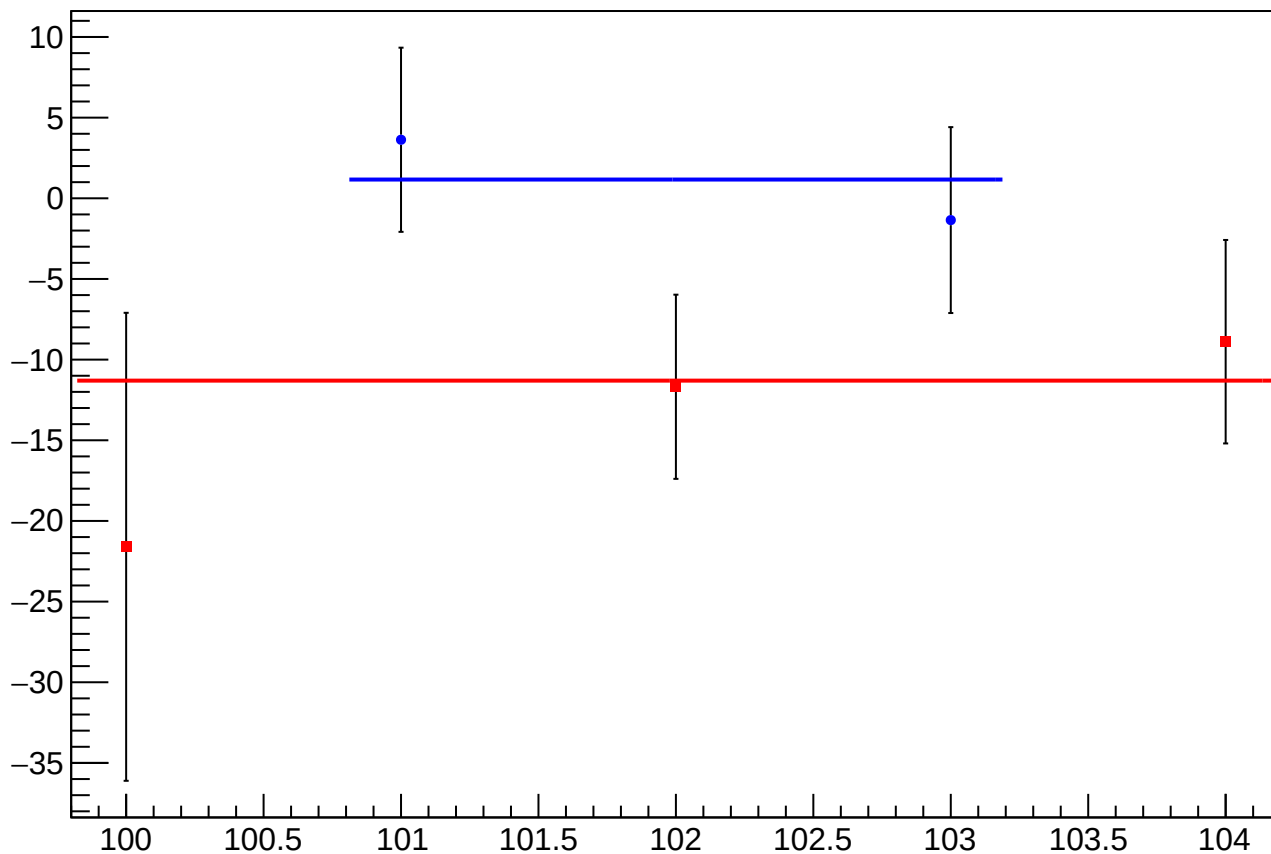
Right: 2019.520 $\pm$ 0.919 χ^2 /NDF: 17091.9/4

In: 1995.024 $\pm$ 1.265 χ^2 /NDF: 1208.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2019.520 $\pm$ 0.919 χ^2 /NDF: 17091.9/4

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: -11.302+/-4.063 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

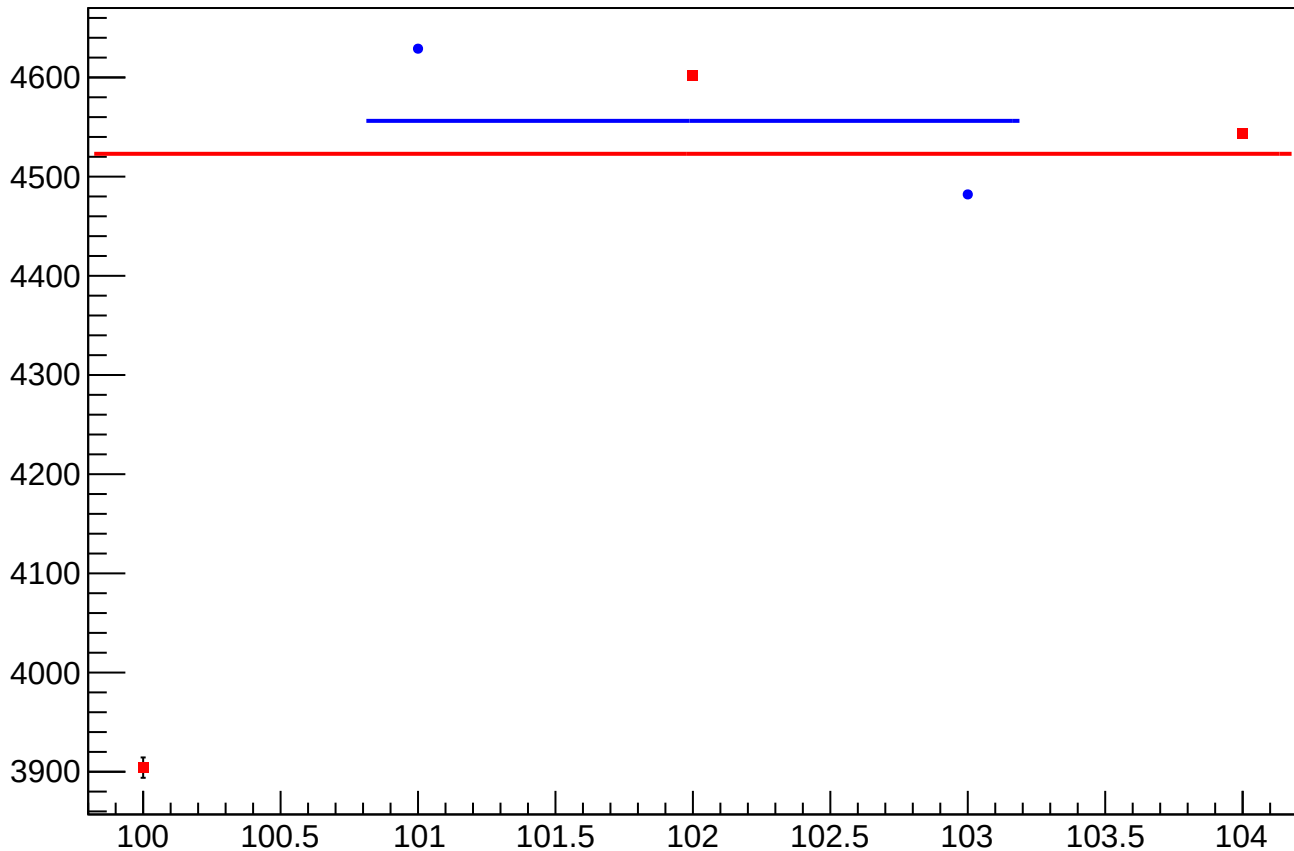
Right: -5.058+/-2.870 χ^2/NDF : 5.7/4

In: 1.163+/-4.055 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.058+/-2.870 χ^2/NDF : 5.7/4

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4556.227 $\pm$ 2.867 χ^2 /NDF: 656.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4523.010 $\pm$ 2.873 χ^2 /NDF: 4045.5/2

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

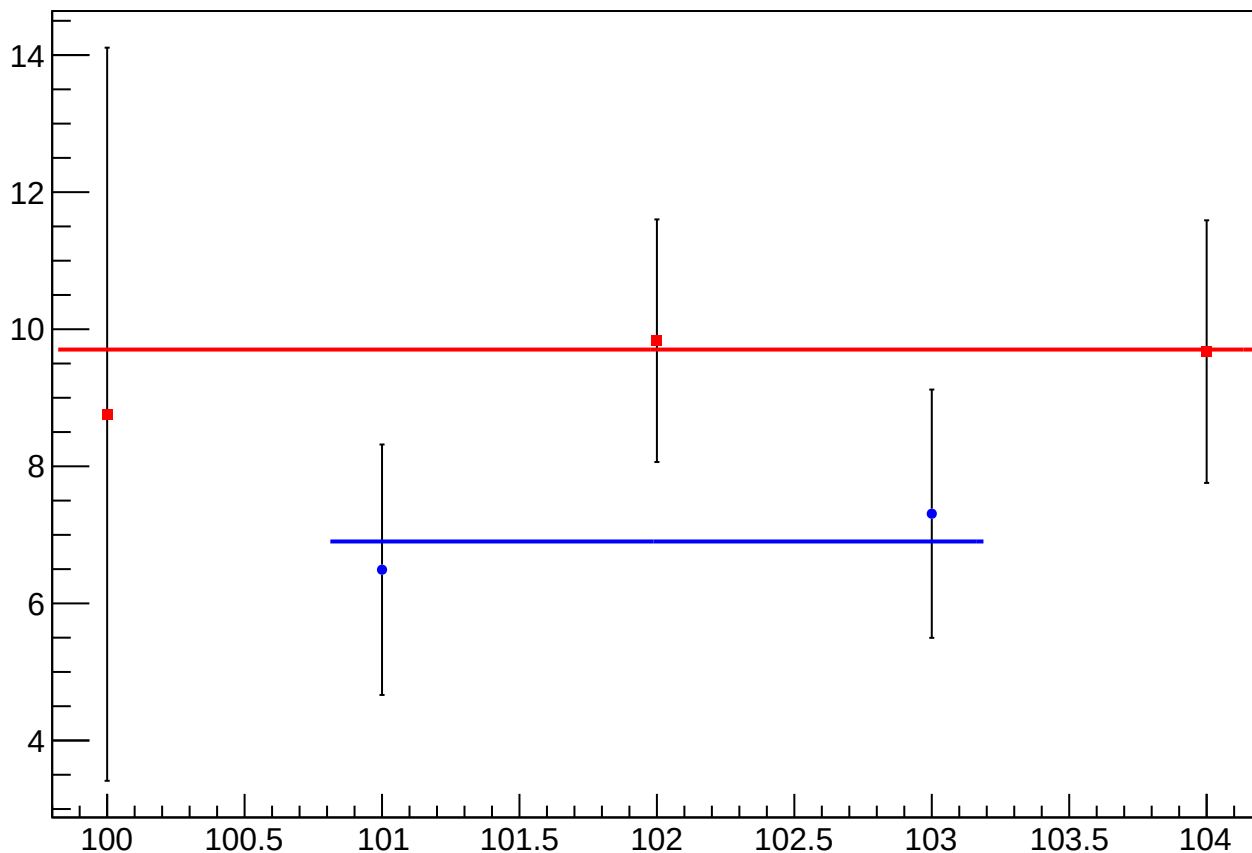
Right: 4539.650 $\pm$ 2.029 χ^2 /NDF: 4768.8/4

In: 4556.227 $\pm$ 2.867 χ^2 /NDF: 656.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4539.650 $\pm$ 2.029 χ^2 /NDF: 4768.8/4

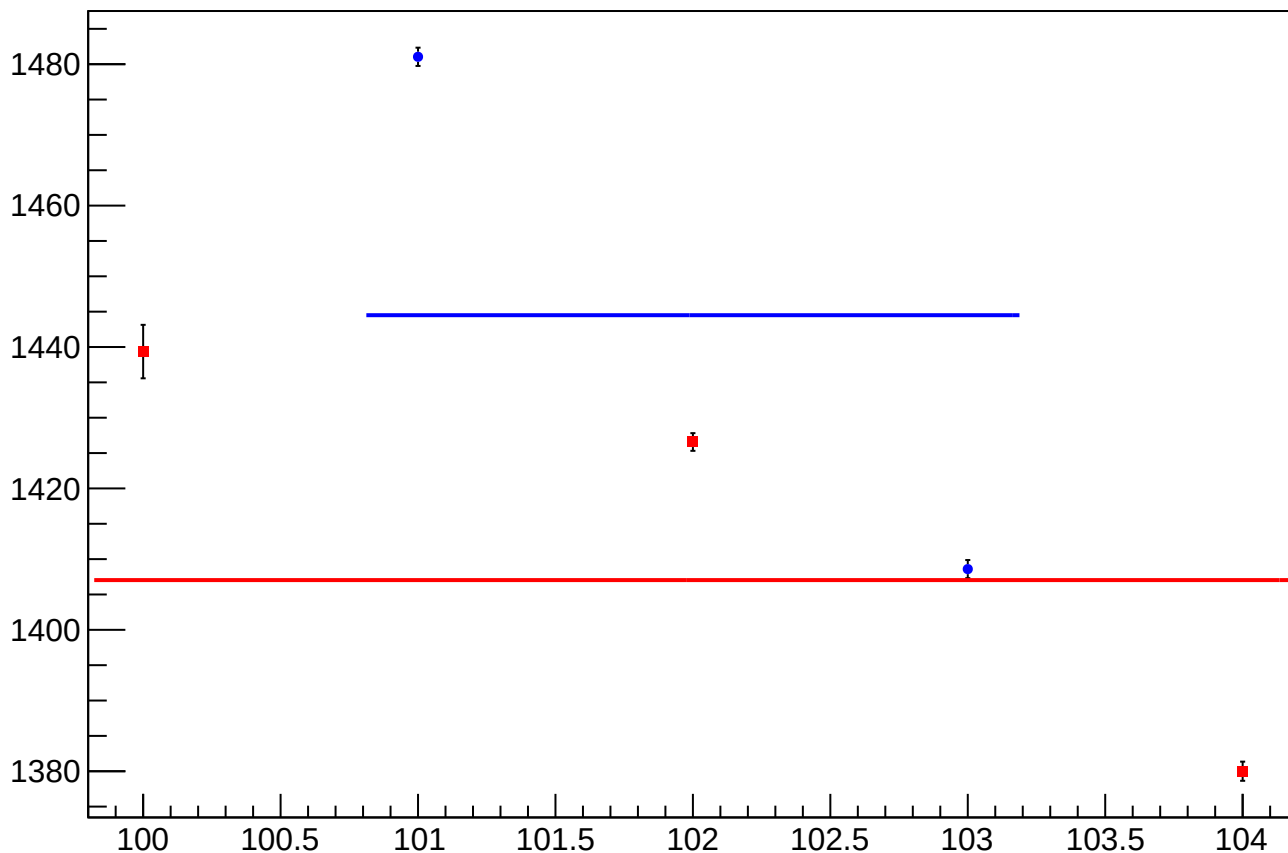
diff_bpm0l04Y_mean vs Slug, Sign Corrected



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: 9.704 $\pm$ 1.263 χ^2 /NDF: 0.0/2
 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: 8.329 $\pm$ 0.901 χ^2 /NDF: 2.5/4
 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: 8.329 $\pm$ 0.901 χ^2 /NDF: 2.5/4

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1444.500 $\pm$ 0.910 χ^2 /NDF: 1586.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1407.035 $\pm$ 0.893 χ^2 /NDF: 714.8/2

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

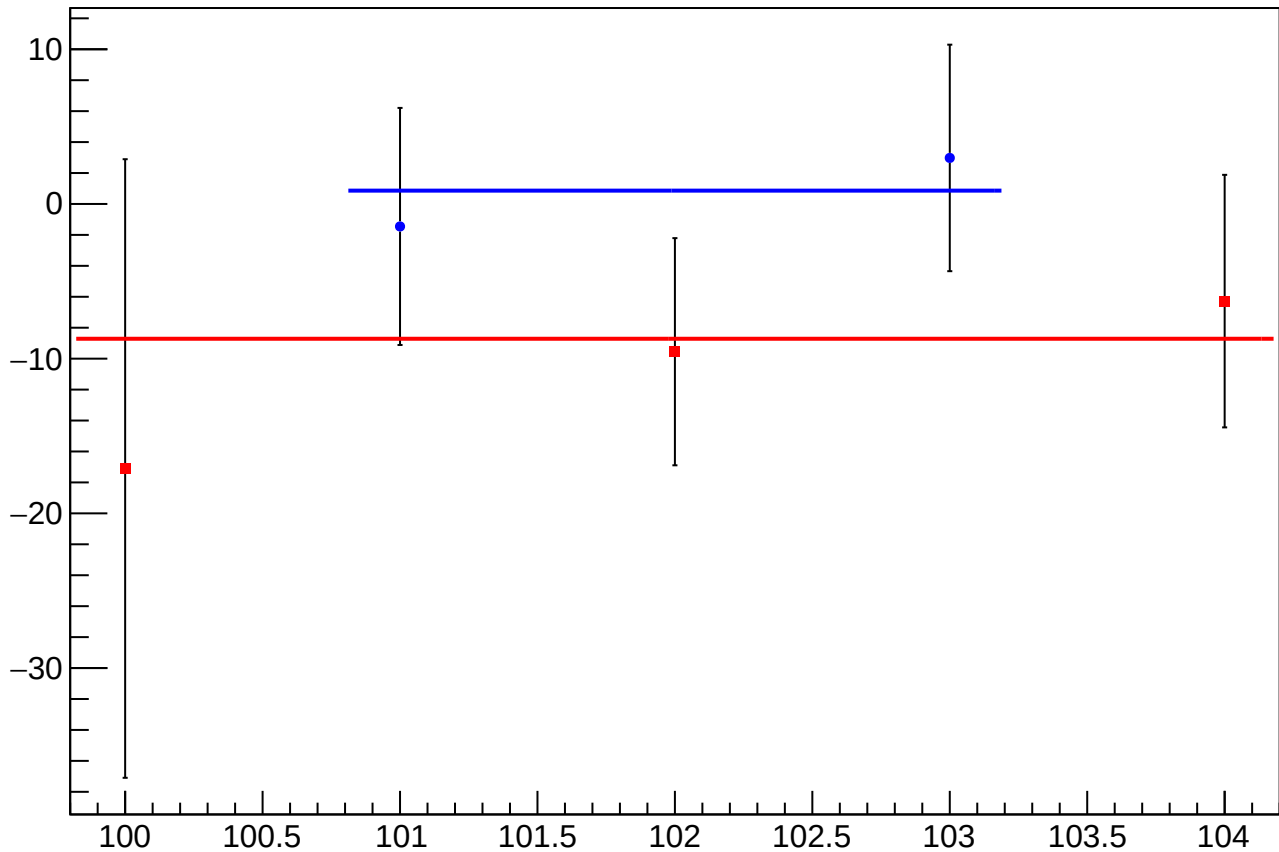
Right: 1425.430 $\pm$ 0.637 χ^2 /NDF: 3164.9/4

In: 1444.500 $\pm$ 0.910 χ^2 /NDF: 1586.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1425.430 $\pm$ 0.637 χ^2 /NDF: 3164.9/4

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: -8.714+/-5.266 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

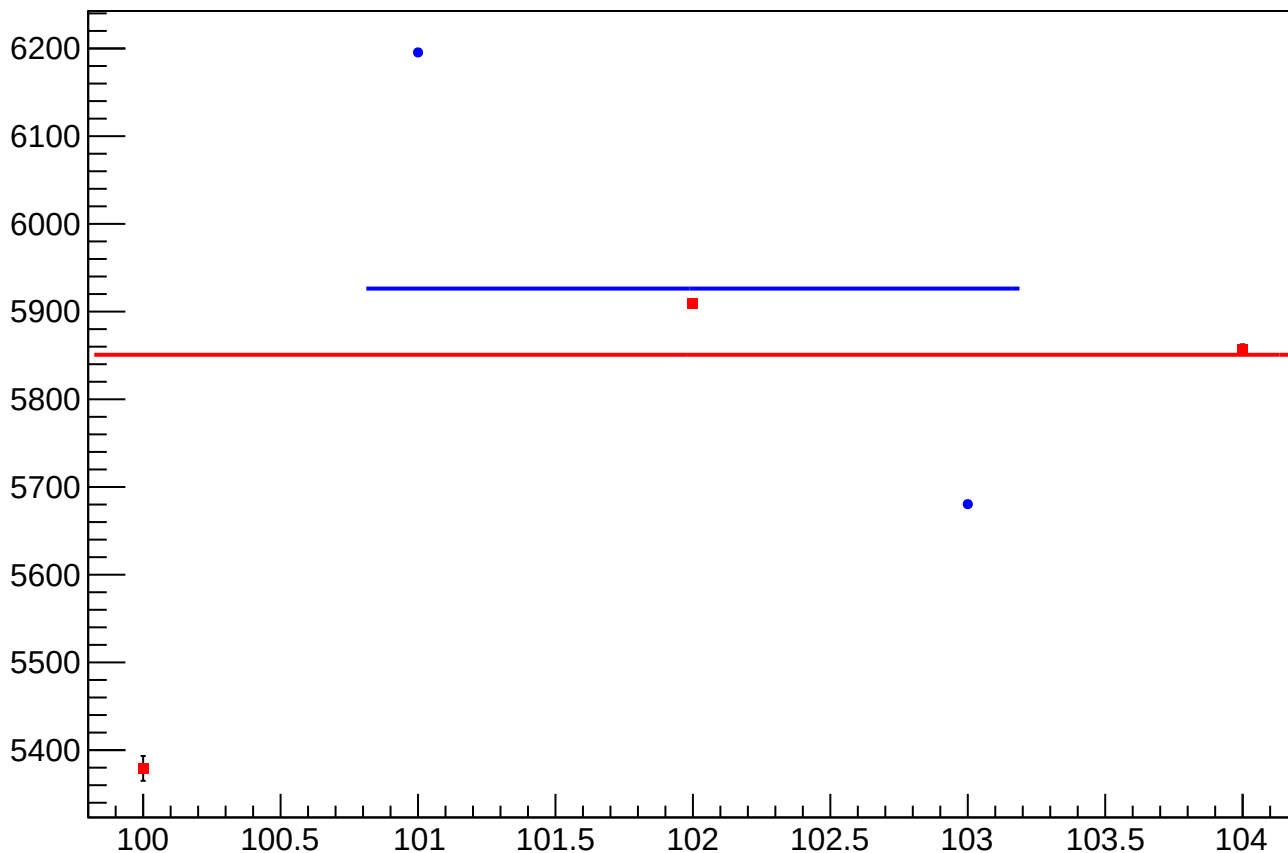
Right: -3.951+/-3.733 χ^2/NDF : 2.1/4

In: 0.862+/-5.293 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.951+/-3.733 χ^2/NDF : 2.1/4

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: 5850.771+/-3.724 χ^2/NDF : 1241.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

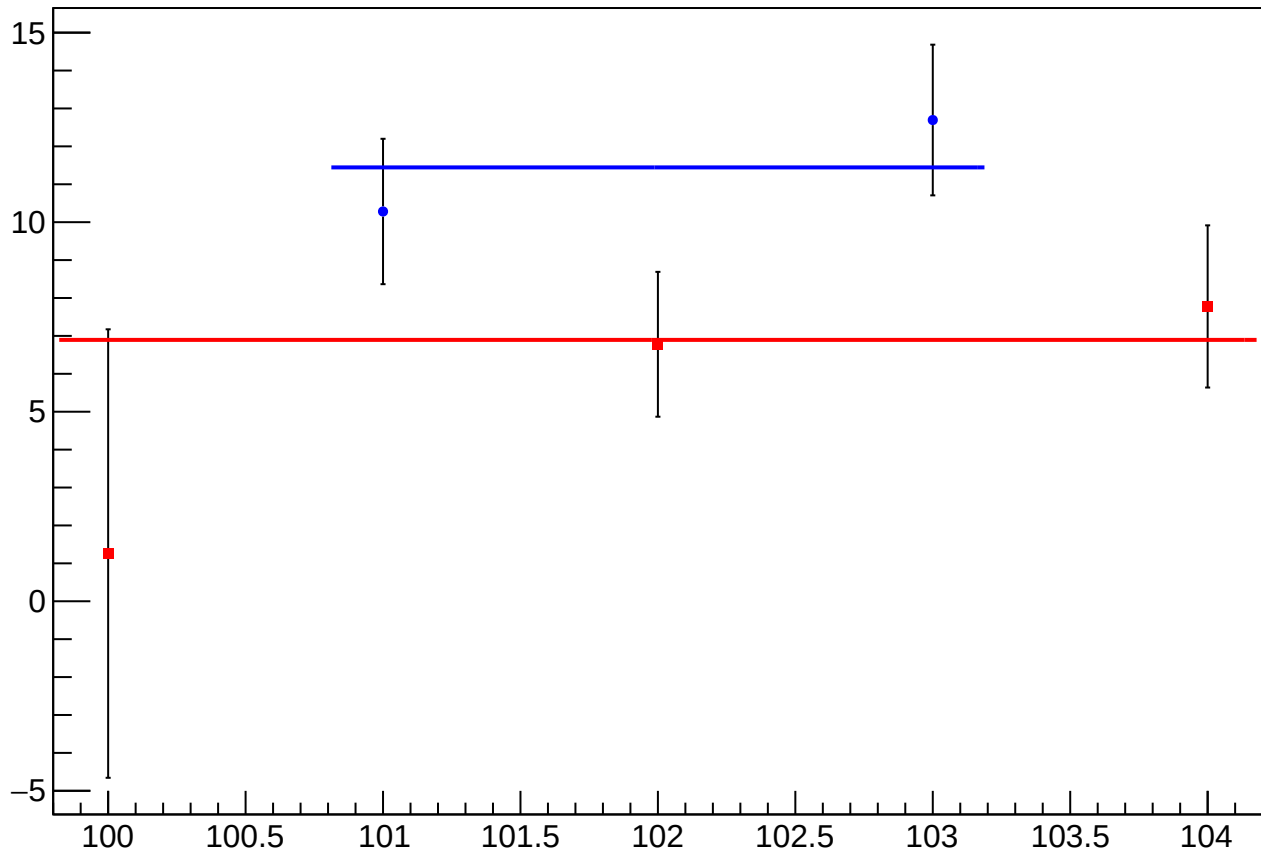
Right: 5888.314+/-2.640 χ^2/NDF : 6170.4/4

In: 5926.244+/-3.743 χ^2/NDF : 4724.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5888.314+/-2.640 χ^2/NDF : 6170.4/4

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 11.445 $\pm$ 1.380 χ^2 /NDF: 0.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.895 $\pm$ 1.385 χ^2 /NDF: 1.1/2

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

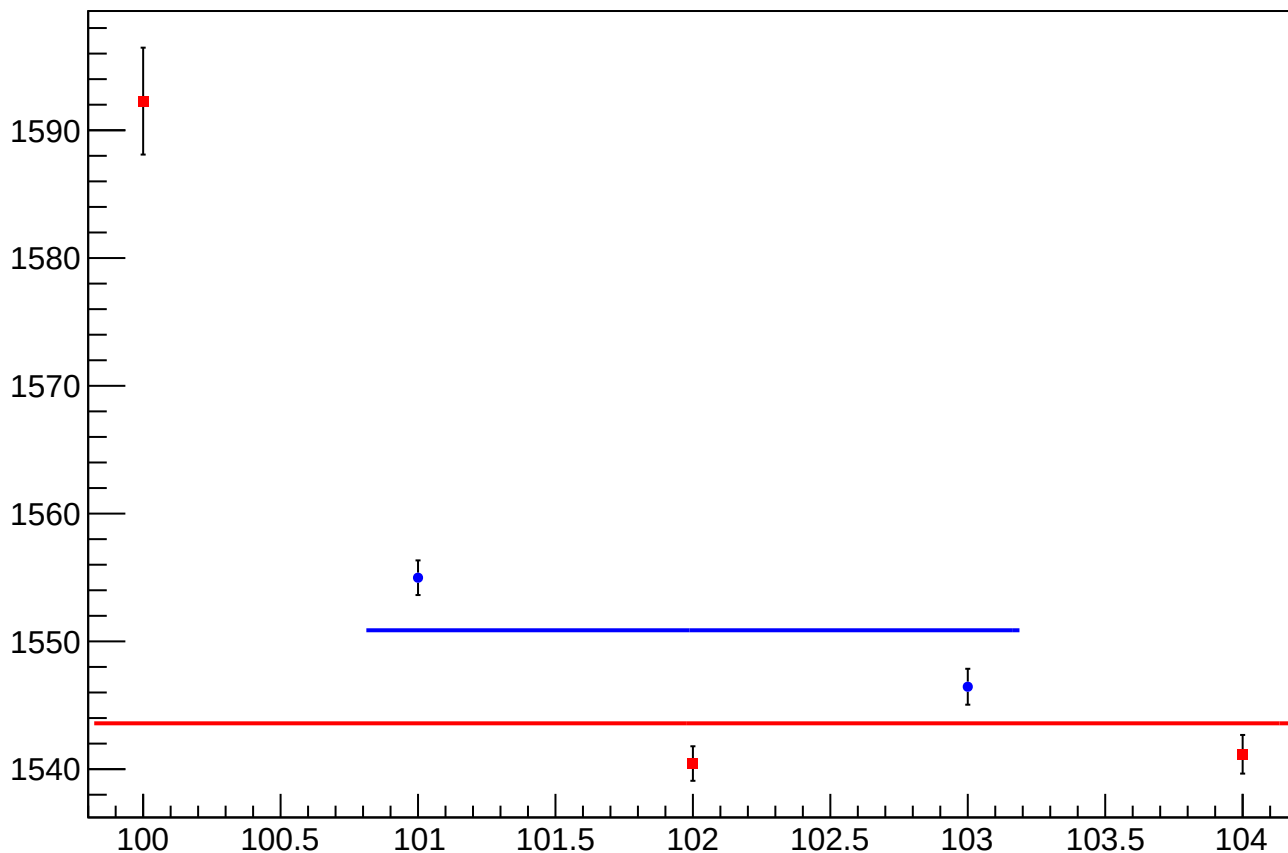
Right: 9.179 $\pm$ 0.978 χ^2 /NDF: 7.3/4

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: 9.179 $\pm$ 0.978 χ^2 /NDF: 7.3/4

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1550.869 ± 0.976 χ^2/NDF : 19.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1543.588 ± 0.980 χ^2/NDF : 143.5/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

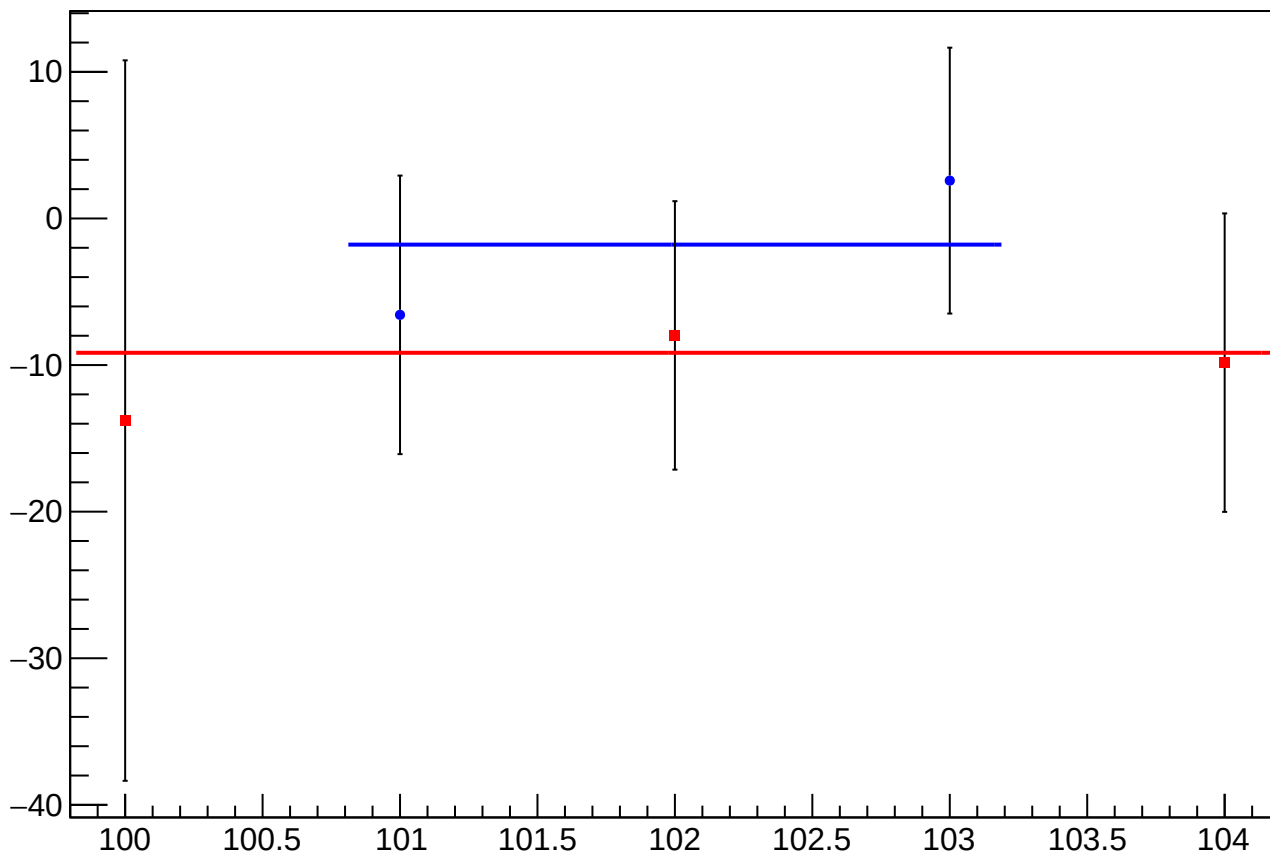
Right: 1547.243 ± 0.691 χ^2/NDF : 190.3/4

In: 1550.869 ± 0.976 χ^2/NDF : 19.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1547.243 ± 0.691 χ^2/NDF : 190.3/4

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: -1.784 ± 6.560 $\chi^2/\text{NDF}: 0.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.163 ± 6.561 $\chi^2/\text{NDF}: 0.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

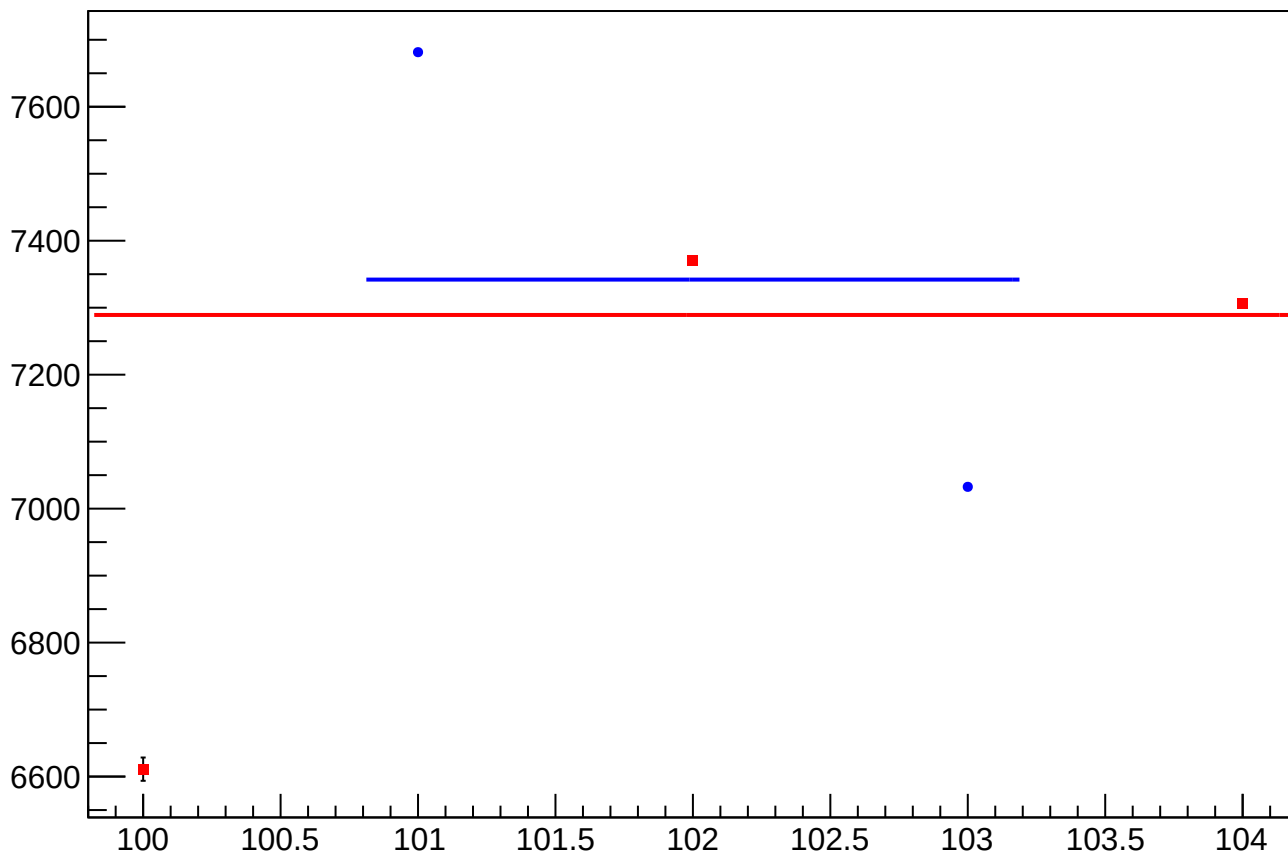
Right: -5.473 ± 4.639 $\chi^2/\text{NDF}: 1.2/4$

In: -1.784 ± 6.560 $\chi^2/\text{NDF}: 0.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.473 ± 4.639 $\chi^2/\text{NDF}: 1.2/4$

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 7341.965+/-4.639 χ^2/NDF : 4882.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7289.162+/-4.639 χ^2/NDF : 1684.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

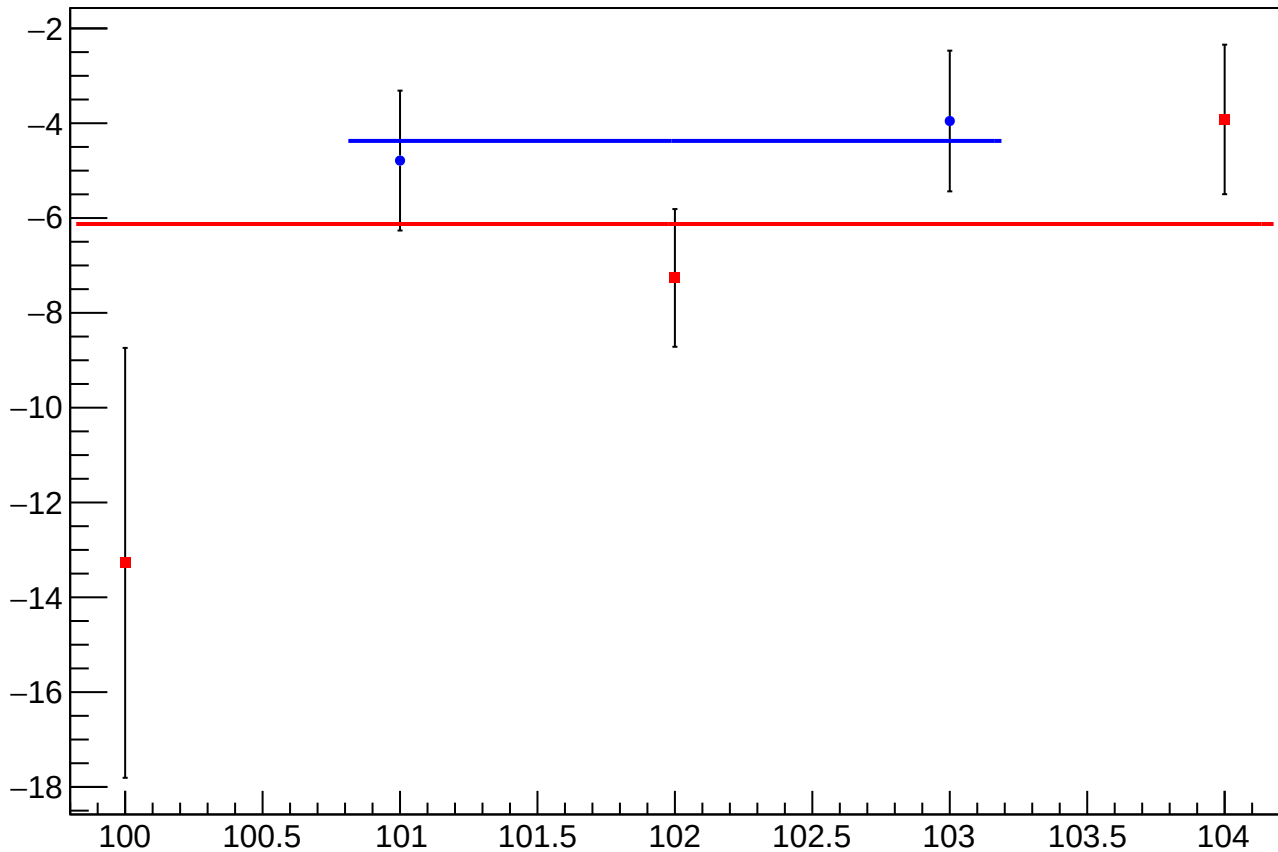
Right: 7315.566+/-3.280 χ^2/NDF : 6631.5/4

In: 7341.965+/-4.639 χ^2/NDF : 4882.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7315.566+/-3.280 χ^2/NDF : 6631.5/4

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: -6.126+/-1.040 χ^2/NDF : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

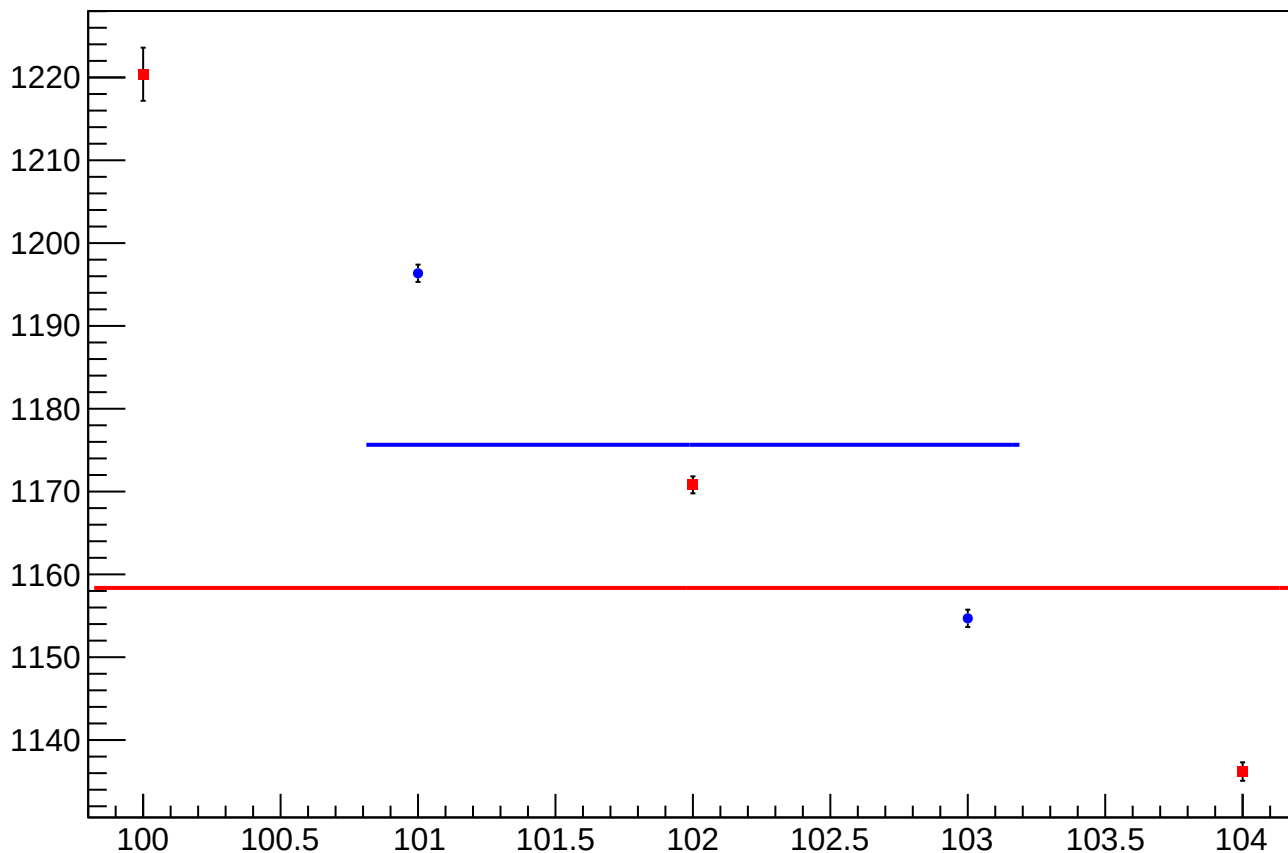
Right: -5.255+/-0.738 χ^2/NDF : 6.6/4

In: -4.373+/-1.046 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.255+/-0.738 χ^2/NDF : 6.6/4

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1175.647+/-0.740 χ^2/NDF : 792.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1158.366+/-0.735 χ^2/NDF : 916.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

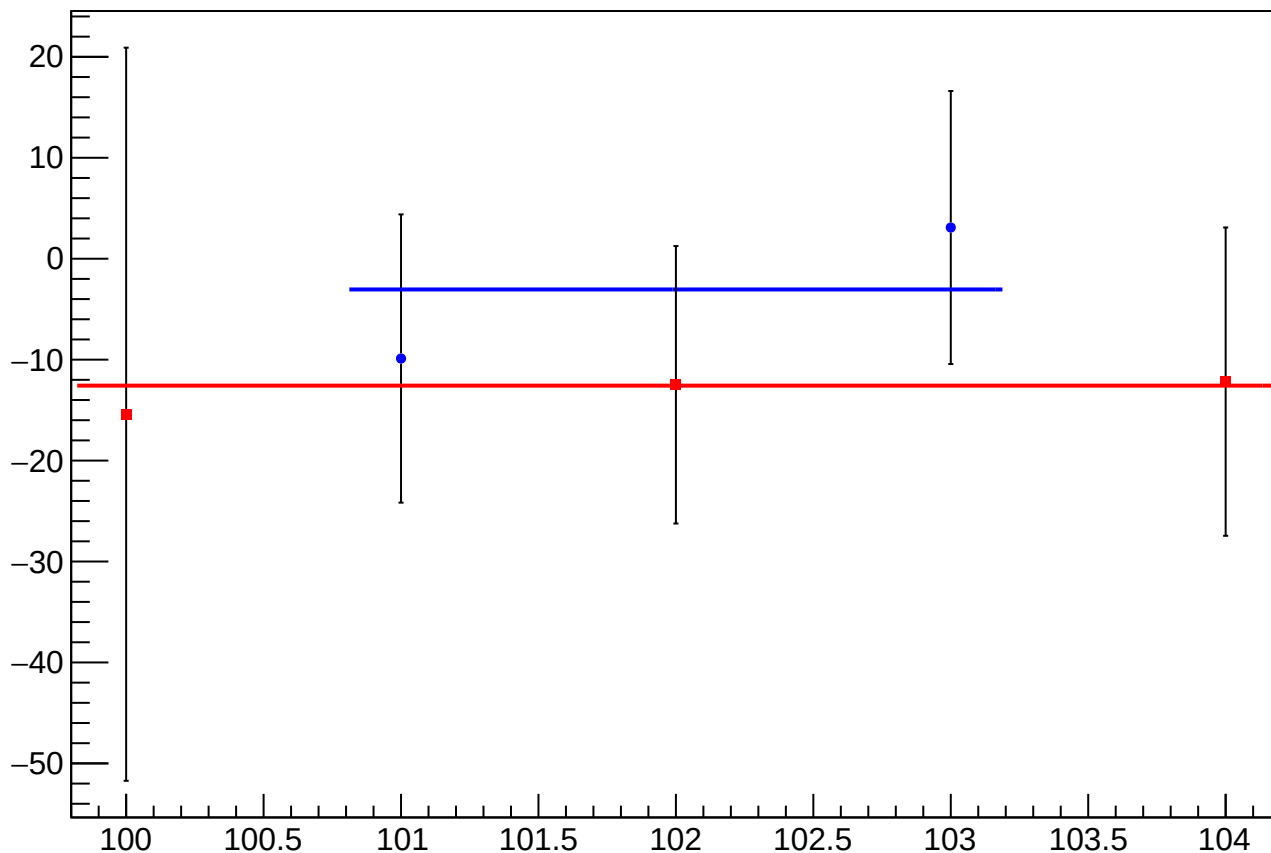
Right: 1166.954+/-0.522 χ^2/NDF : 1983.9/4

In: 1175.647+/-0.740 χ^2/NDF : 792.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1166.954+/-0.522 χ^2/NDF : 1983.9/4

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: -12.574 $\pm$ 9.834 χ^2 /NDF: 0.0/2

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

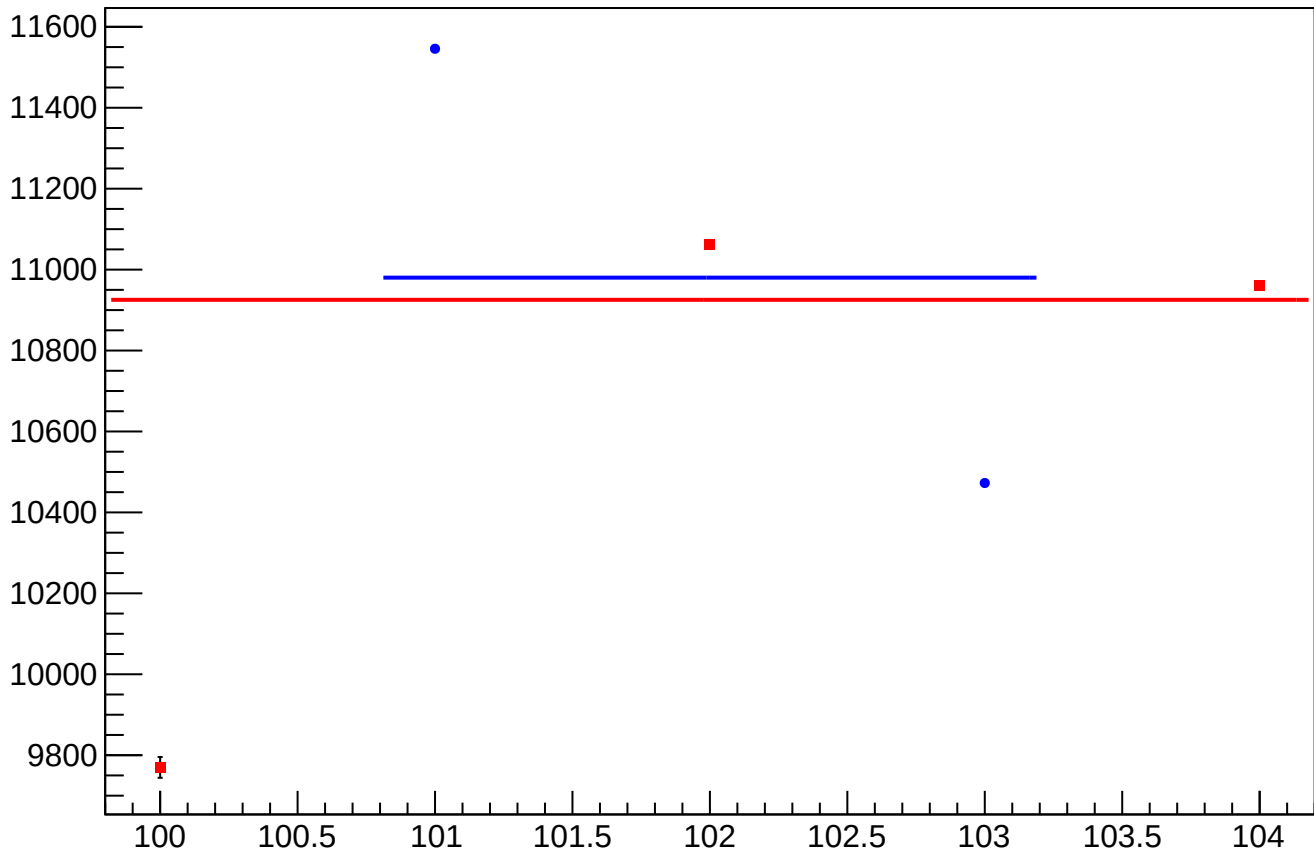
Right: -7.804 $\pm$ 6.949 χ^2 /NDF: 0.9/4

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: -7.804 $\pm$ 6.949 χ^2 /NDF: 0.9/4

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: 10925.346 $\pm$ 6.954 χ^2 /NDF: 2232.7/2

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

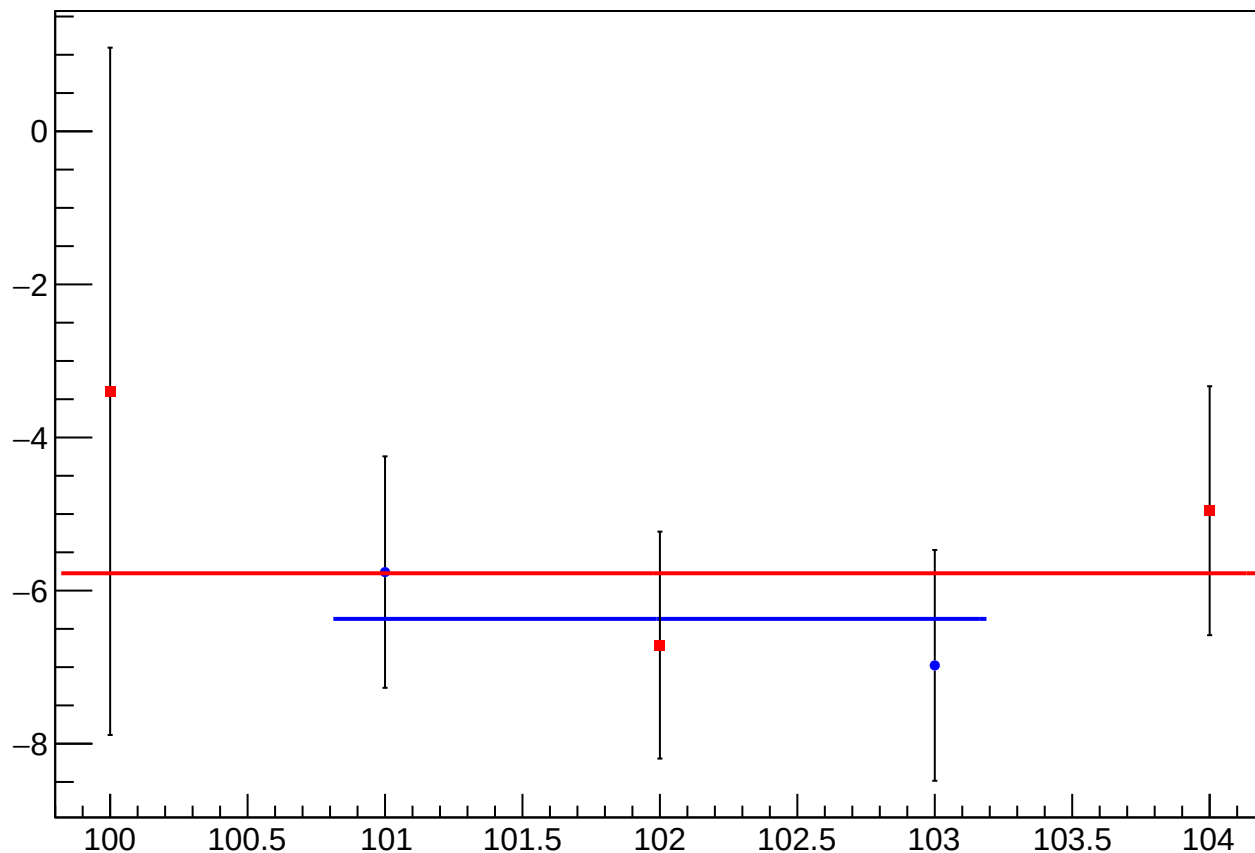
Right: 10952.810 $\pm$ 4.913 χ^2 /NDF: 8218.0/4

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: 10952.810 $\pm$ 4.913 χ^2 /NDF: 8218.0/4

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -6.370 $\pm$ 1.067 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.774 $\pm$ 1.064 χ^2 /NDF: 0.9/2

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

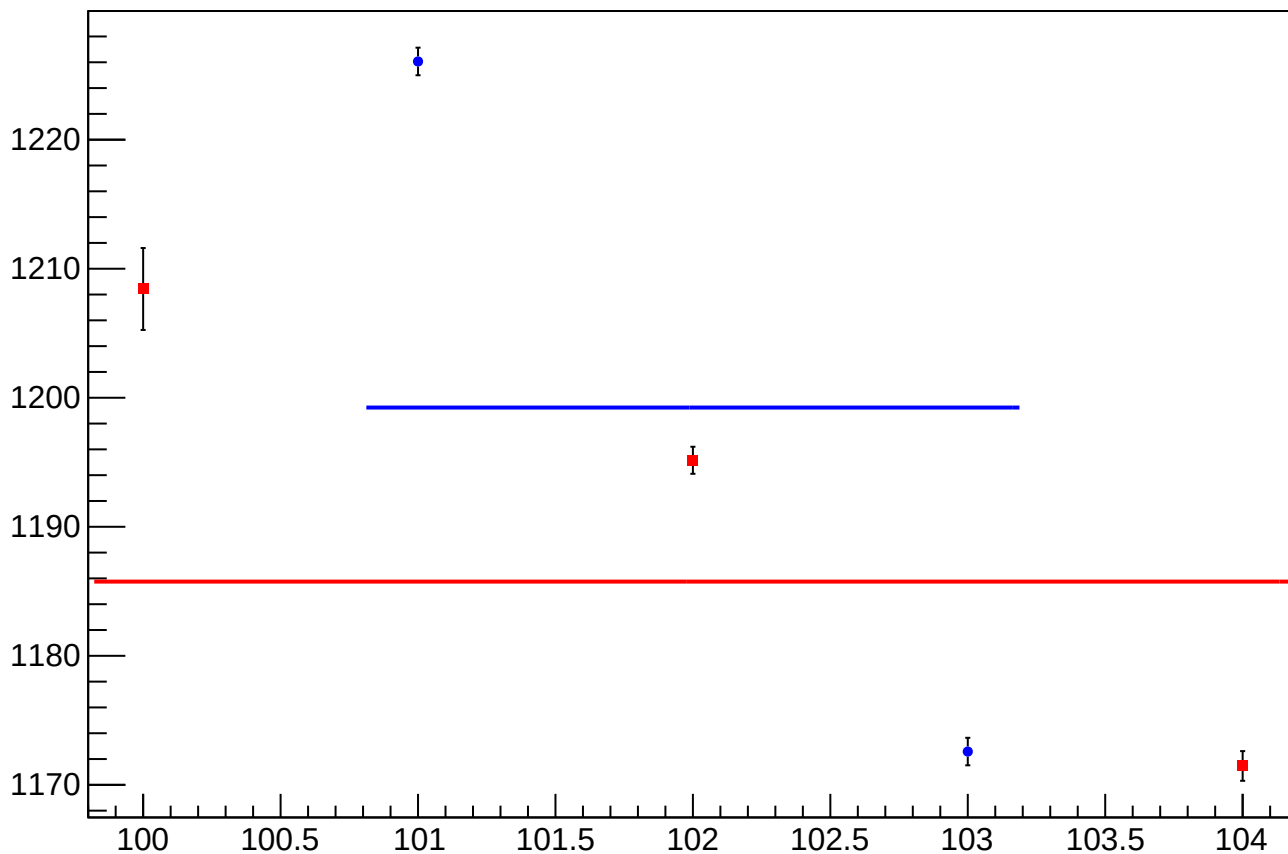
Right: -6.071 $\pm$ 0.754 χ^2 /NDF: 1.4/4

In: -6.370 $\pm$ 1.067 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.071 $\pm$ 0.754 χ^2 /NDF: 1.4/4

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1199.241 $\pm$ 0.755 χ^2 /NDF: 1255.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1185.752 $\pm$ 0.753 χ^2 /NDF: 285.9/2

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

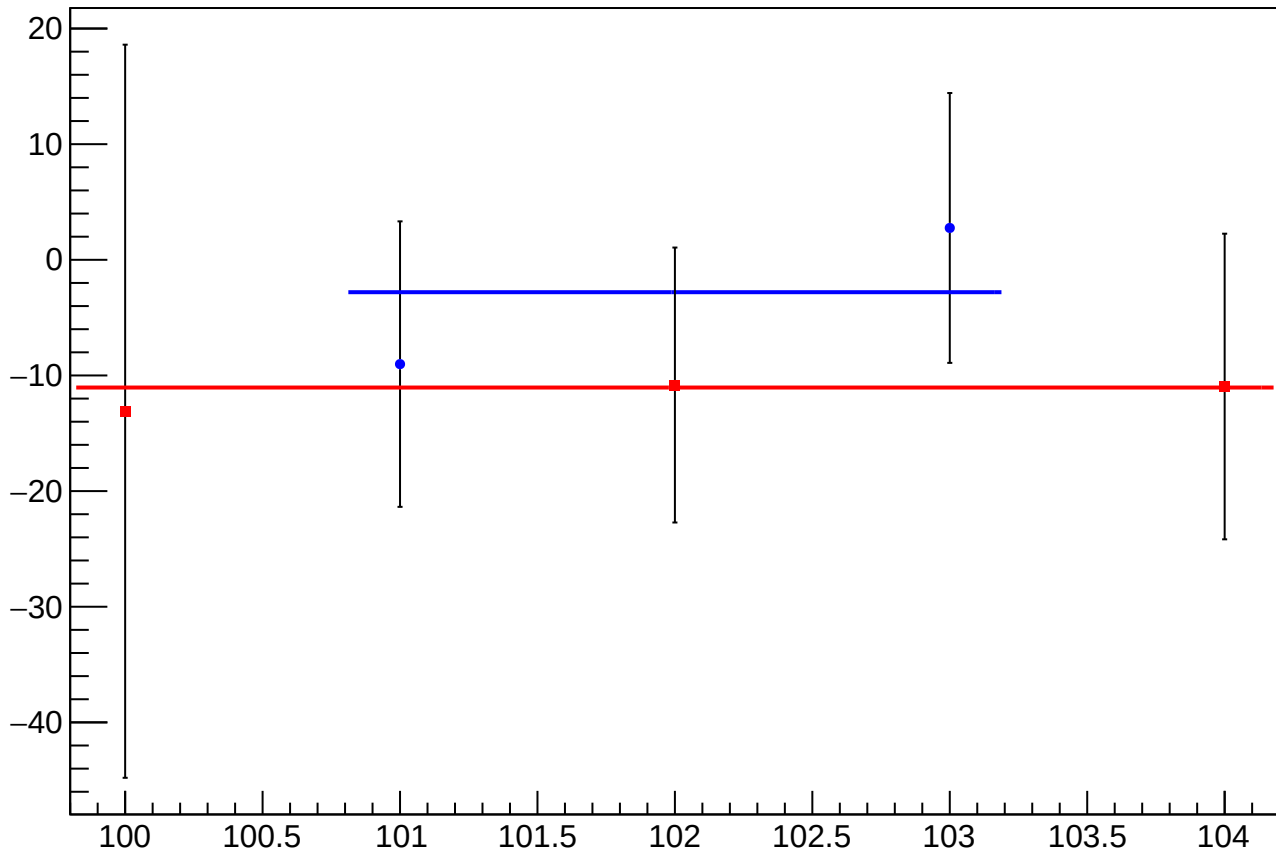
Right: 1192.477 $\pm$ 0.533 χ^2 /NDF: 1701.2/4

In: 1199.241 $\pm$ 0.755 χ^2 /NDF: 1255.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1192.477 $\pm$ 0.533 χ^2 /NDF: 1701.2/4

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: -11.044+/-8.513 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

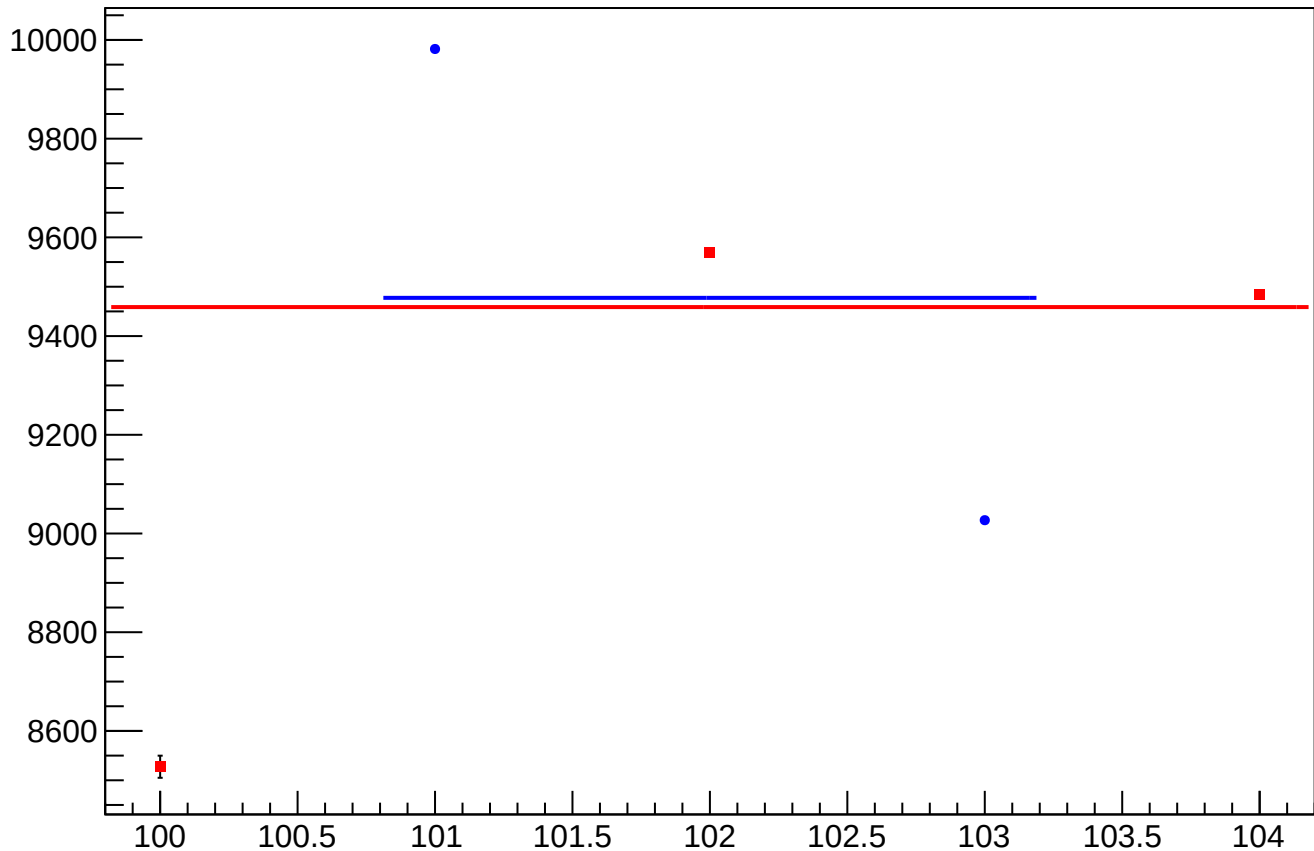
Right: -6.906+/-6.008 χ^2/NDF : 1.0/4

In: -2.800+/-8.479 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.906+/-6.008 χ^2/NDF : 1.0/4

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: 9458.763+/-6.020 χ^2/NDF : 1904.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

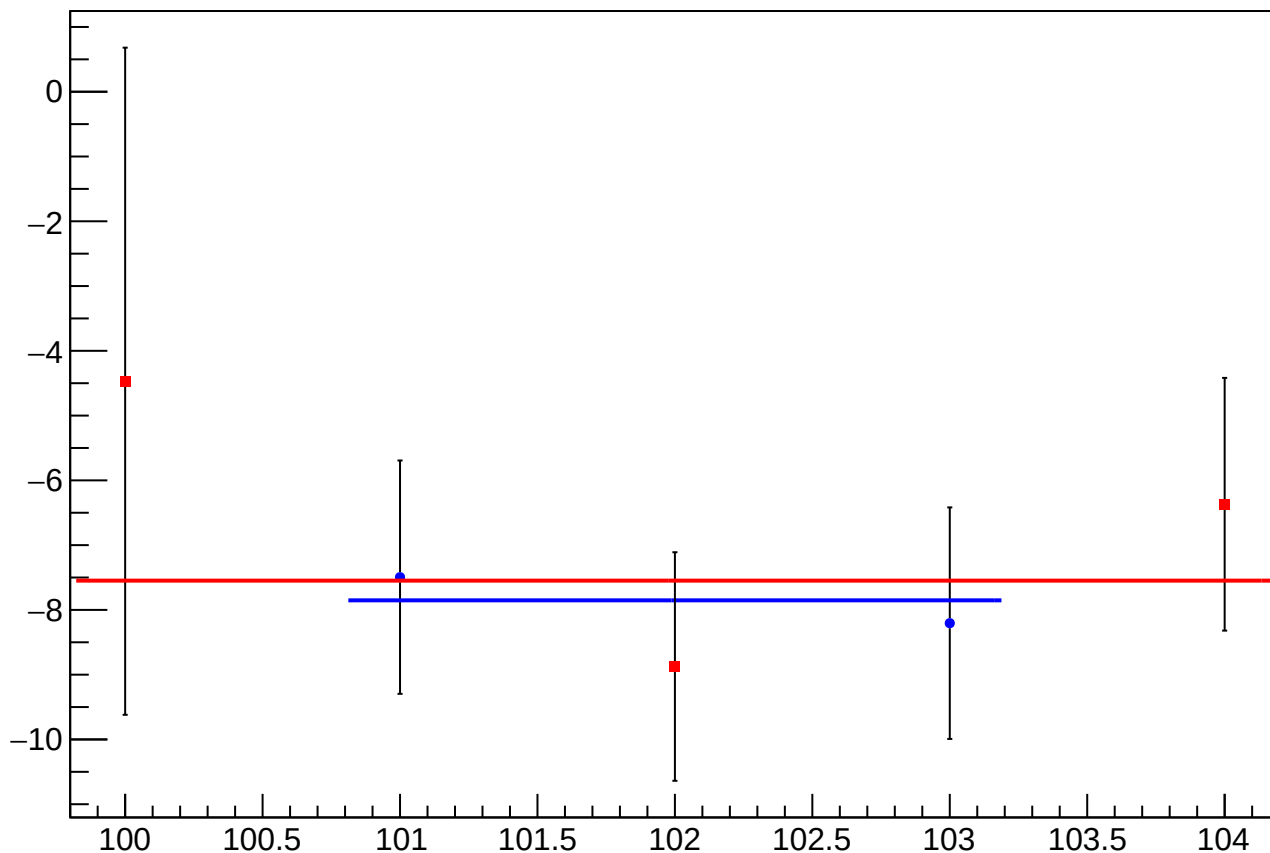
Right: 9468.160+/-4.248 χ^2/NDF : 8227.9/4

In: 9477.483+/-5.996 χ^2/NDF : 6318.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9468.160+/-4.248 χ^2/NDF : 8227.9/4

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.852 $\pm$ 1.269 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.548 $\pm$ 1.268 χ^2 /NDF: 1.3/2

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

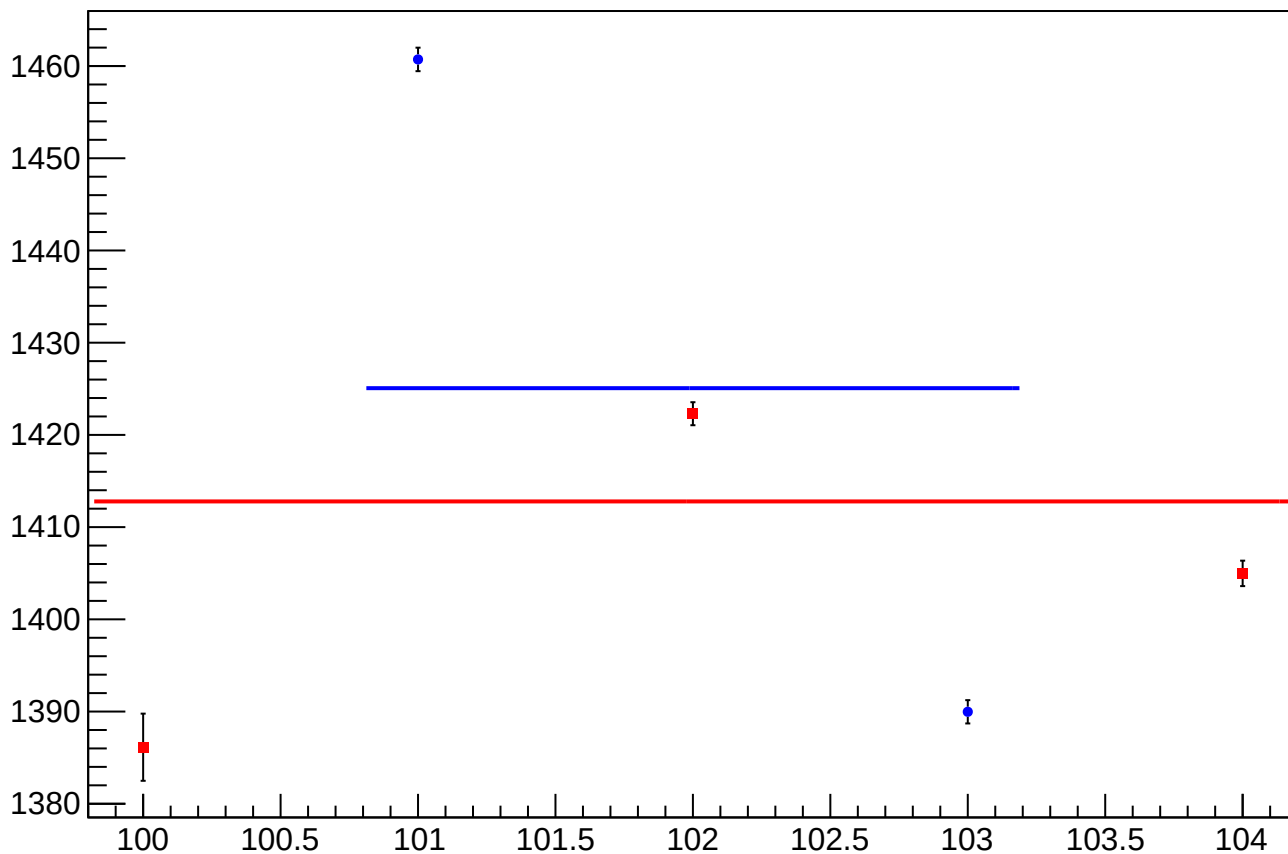
Right: -7.700 $\pm$ 0.897 χ^2 /NDF: 1.4/4

In: -7.852 $\pm$ 1.269 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.700 $\pm$ 0.897 χ^2 /NDF: 1.4/4

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: 1412.786 $\pm$ 0.897 χ^2 /NDF: 143.7/2

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

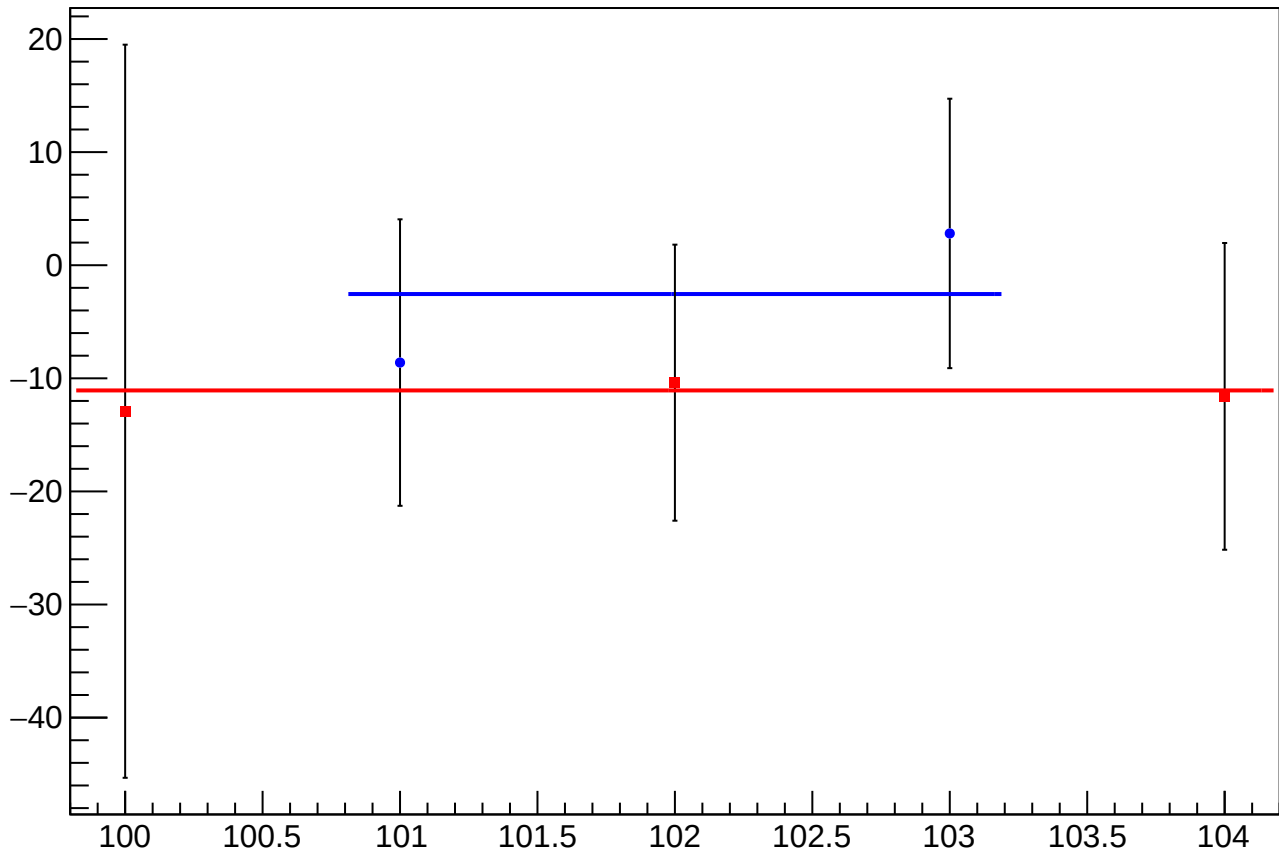
Right: 1418.924 $\pm$ 0.634 χ^2 /NDF: 1791.7/4

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: 1418.924 $\pm$ 0.634 χ^2 /NDF: 1791.7/4

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: -11.071+/-8.736 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

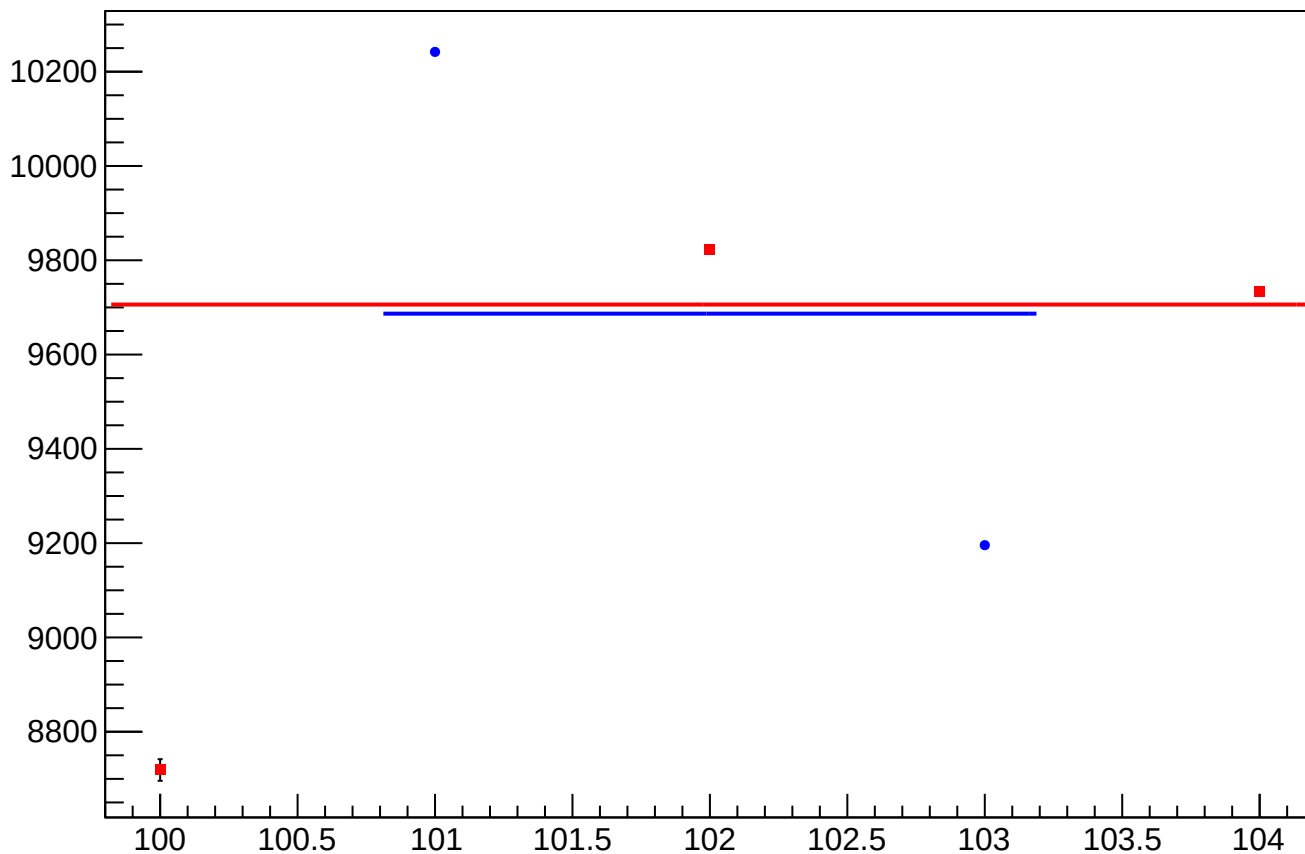
Right: -6.781+/-6.156 χ^2/NDF : 0.9/4

In: -2.548+/-8.677 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.781+/-6.156 χ^2/NDF : 0.9/4

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 9686.767 $\pm$ 6.135 χ^2 /NDF: 7242.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9706.080 $\pm$ 6.177 χ^2 /NDF: 2048.1/2

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

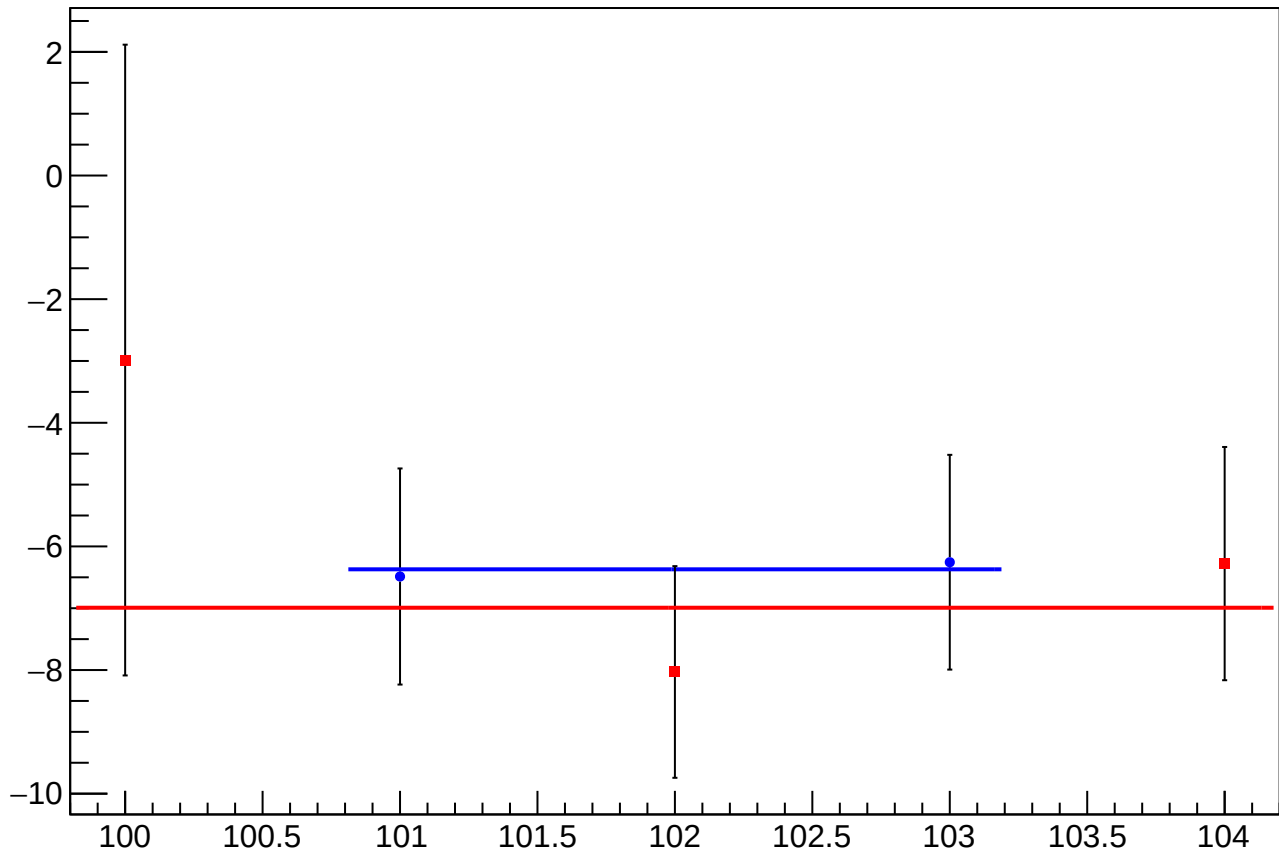
Right: 9696.358 $\pm$ 4.353 χ^2 /NDF: 9295.7/4

In: 9686.767 $\pm$ 6.135 χ^2 /NDF: 7242.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9696.358 $\pm$ 4.353 χ^2 /NDF: 9295.7/4

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: -6.992+/-1.230 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

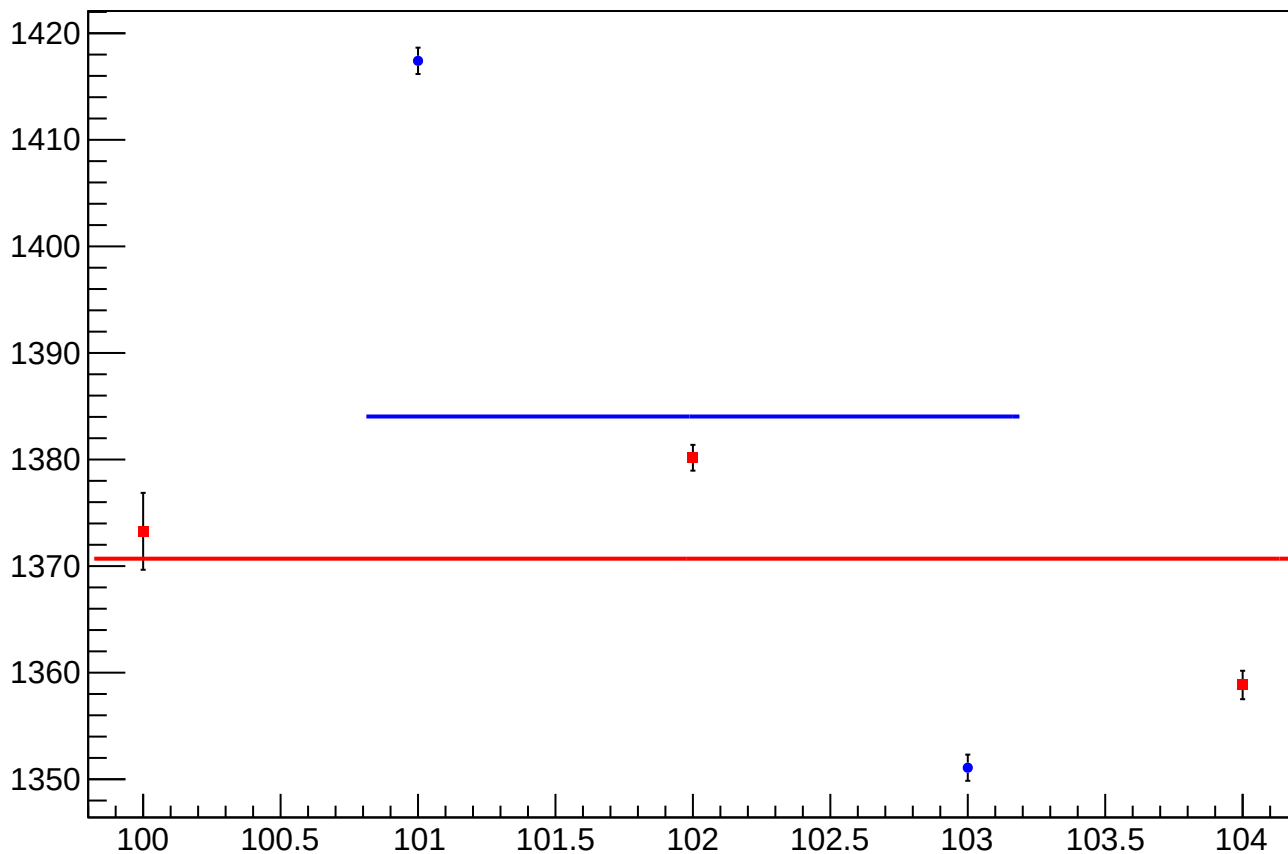
Right: -6.682+/-0.871 χ^2/NDF : 1.3/4

In: -6.371+/-1.232 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.682+/-0.871 χ^2/NDF : 1.3/4

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1384.038 ± 0.871 $\chi^2/\text{NDF}: 1448.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1370.696 ± 0.870 $\chi^2/\text{NDF}: 140.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

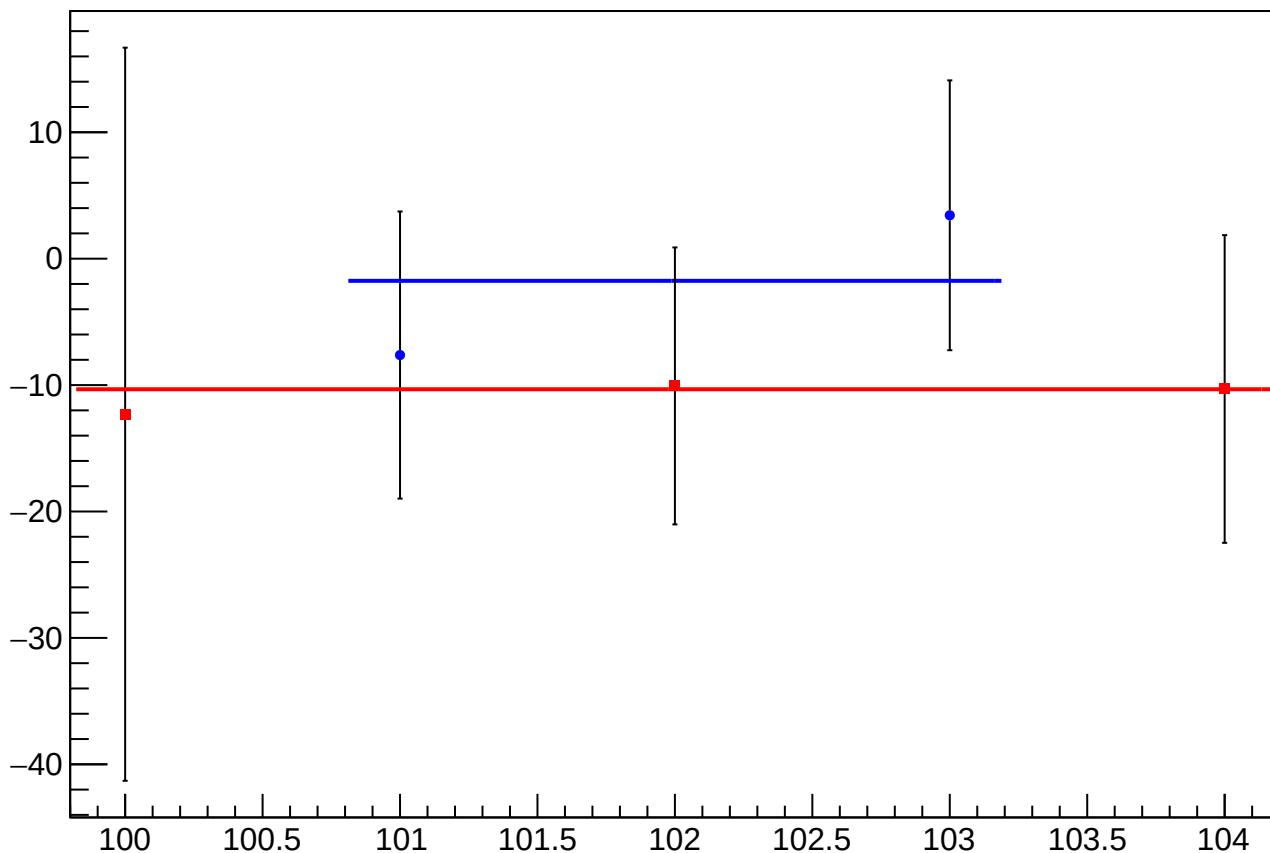
Right: 1377.358 ± 0.616 $\chi^2/\text{NDF}: 1706.9/4$

In: 1384.038 ± 0.871 $\chi^2/\text{NDF}: 1448.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1377.358 ± 0.616 $\chi^2/\text{NDF}: 1706.9/4$

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: -10.330+/-7.839 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

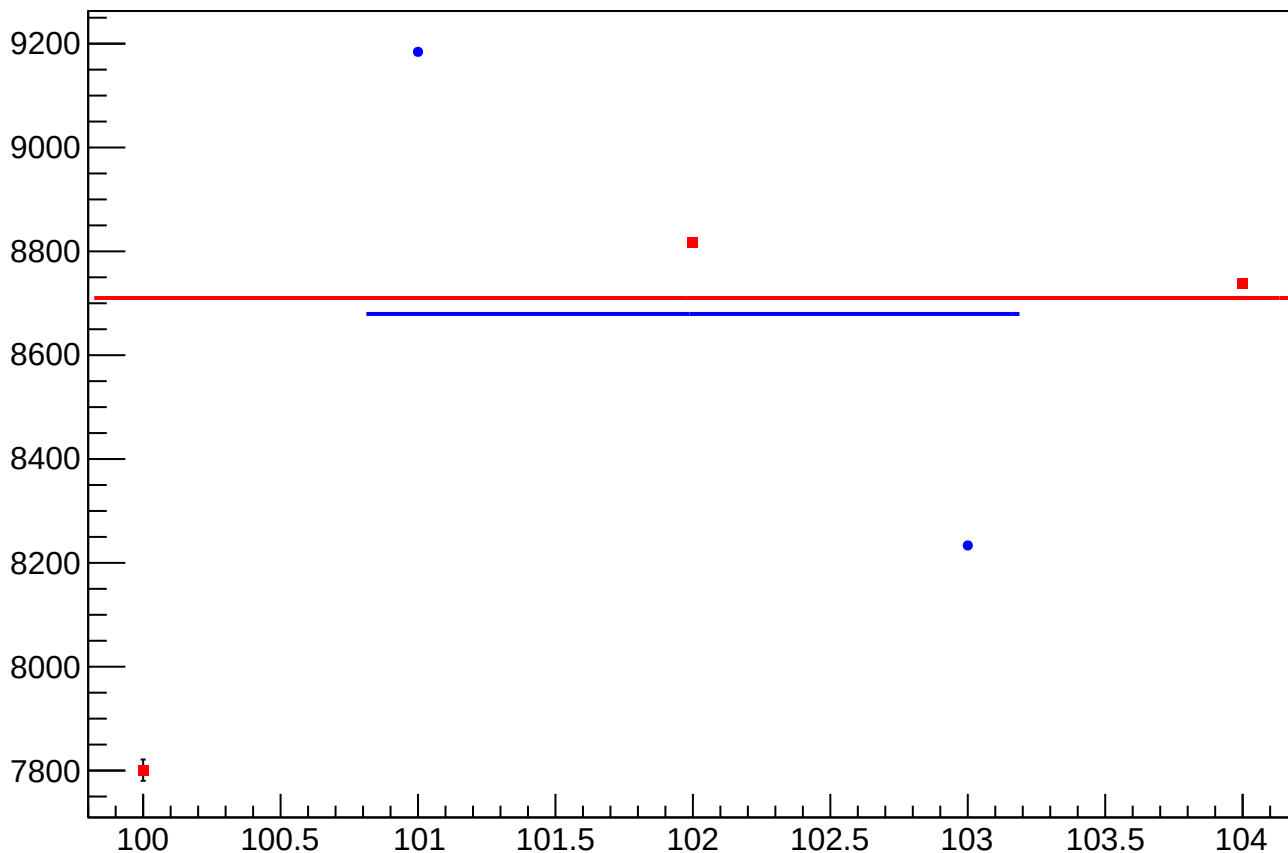
Right: -6.007+/-5.521 χ^2/NDF : 1.1/4

In: -1.753+/-7.777 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.007+/-5.521 χ^2/NDF : 1.1/4

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8679.414 $\pm$ 5.499 χ^2 /NDF: 7442.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8710.173 $\pm$ 5.543 χ^2 /NDF: 2170.4/2

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

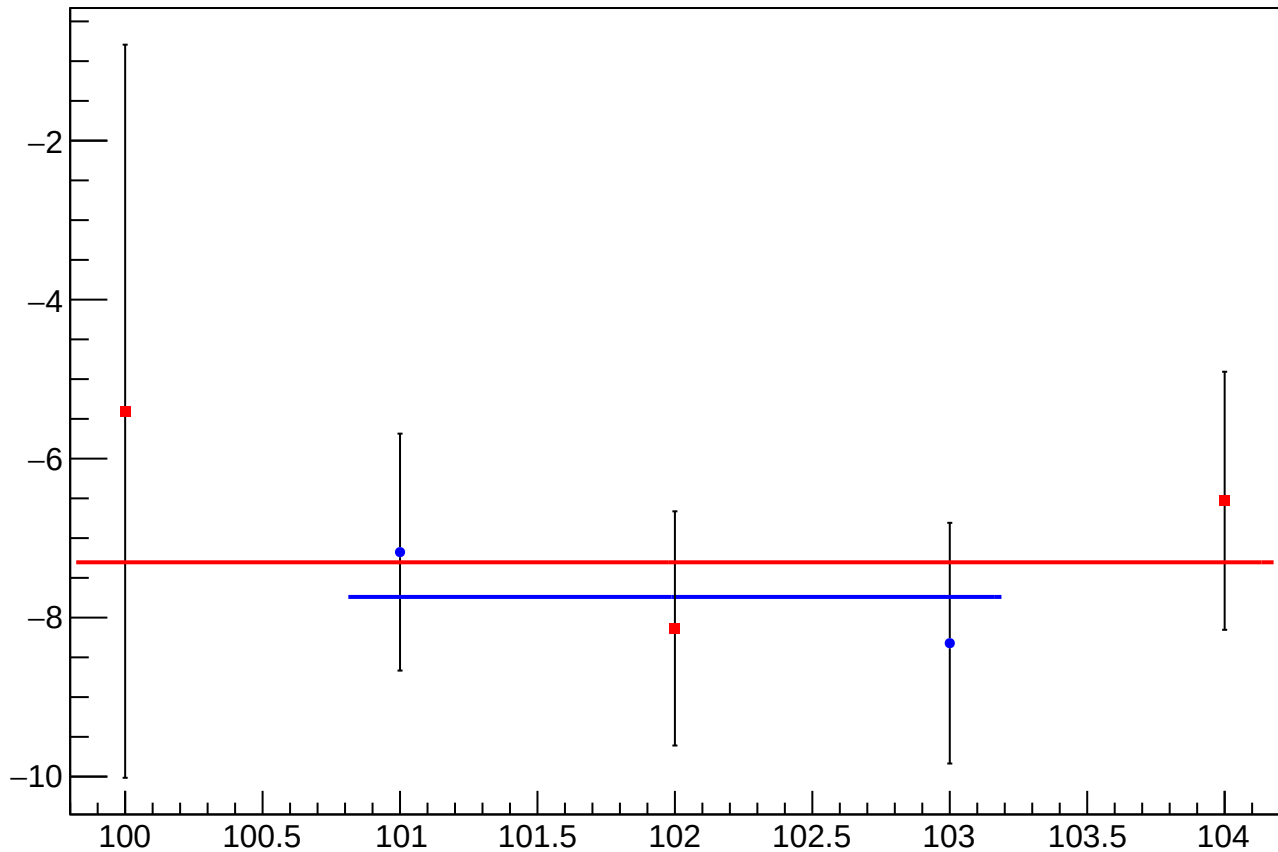
Right: 8694.672 $\pm$ 3.904 χ^2 /NDF: 9628.3/4

In: 8679.414 $\pm$ 5.499 χ^2 /NDF: 7442.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8694.672 $\pm$ 3.904 χ^2 /NDF: 9628.3/4

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: -7.304 ± 1.062 $\chi^2/\text{NDF}: 0.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

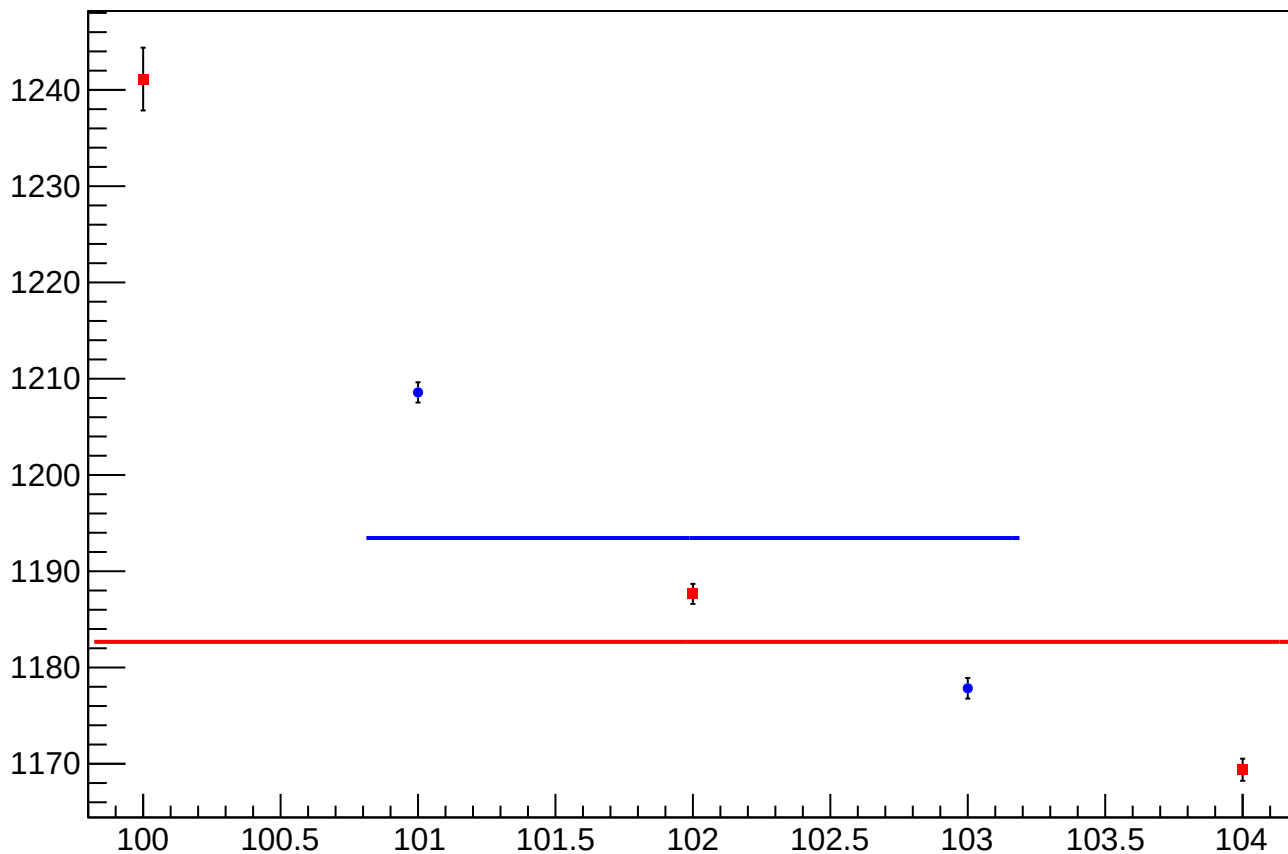
Right: -7.522 ± 0.751 $\chi^2/\text{NDF}: 1.1/4$

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: -7.522 ± 0.751 $\chi^2/\text{NDF}: 1.1/4$

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: 1182.668 $\pm$ 0.751 χ^2 /NDF: 478.3/2

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

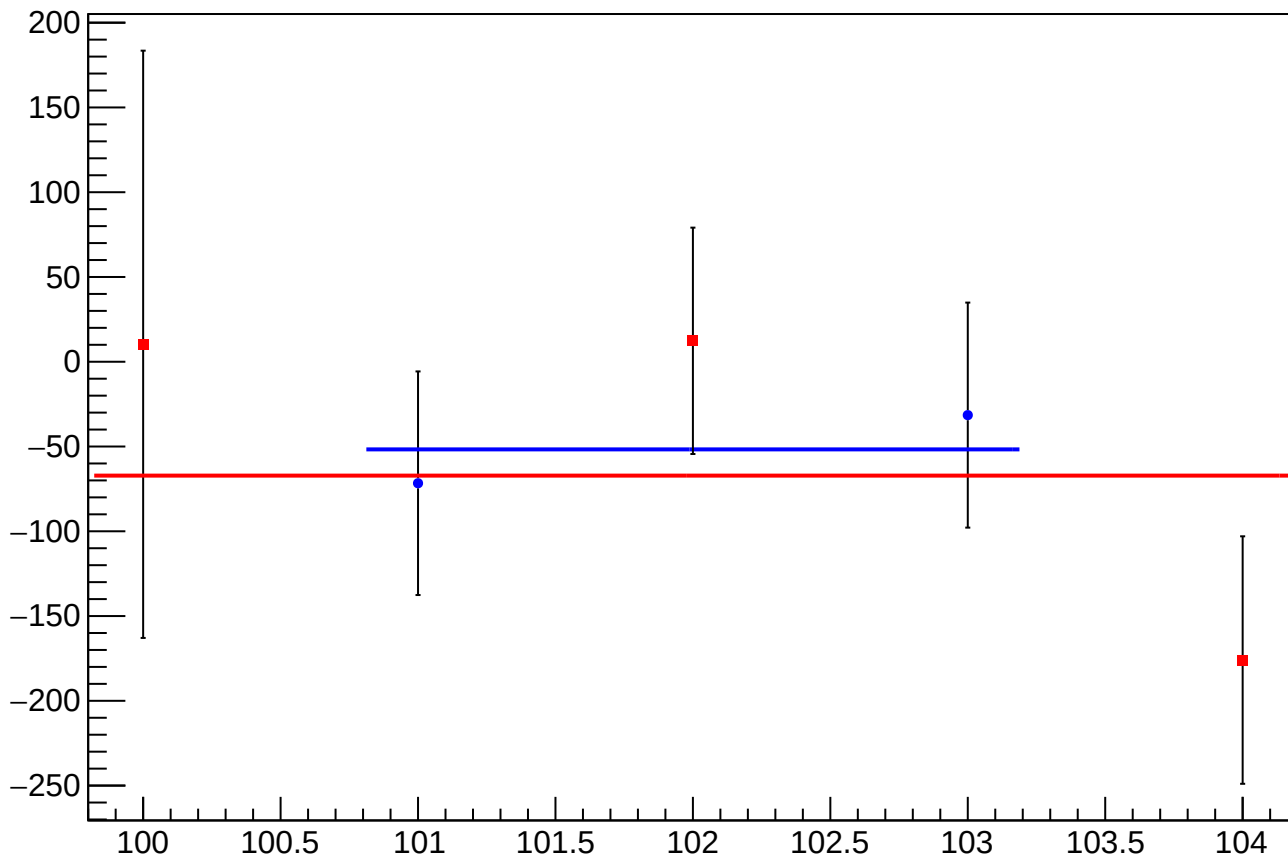
Right: 1188.057 $\pm$ 0.531 χ^2 /NDF: 1000.1/4

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: 1188.057 $\pm$ 0.531 χ^2 /NDF: 1000.1/4

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: -67.164 $\pm$ 47.383 χ^2 /NDF: 3.8/2

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

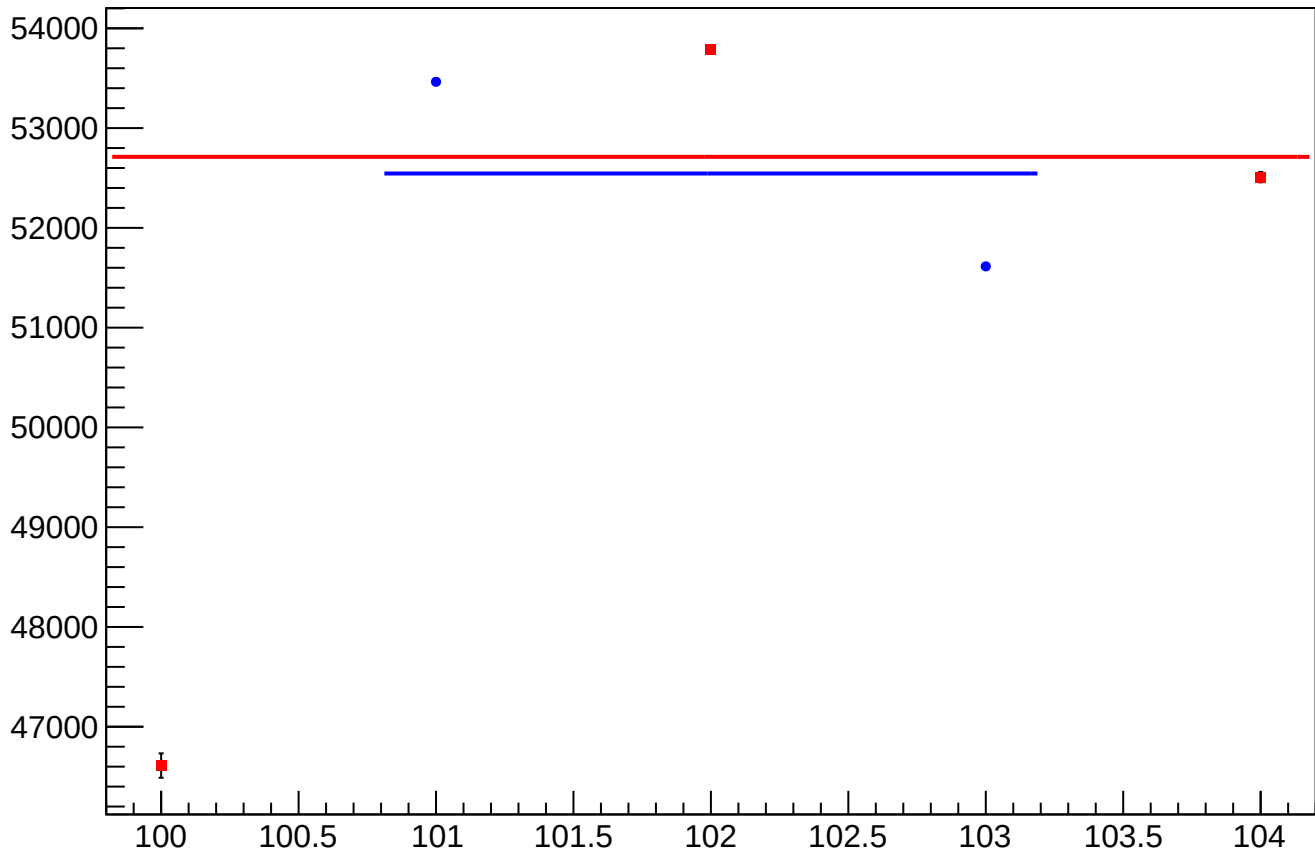
Right: -59.329 $\pm$ 33.289 χ^2 /NDF: 4.1/4

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: -59.329 $\pm$ 33.289 χ^2 /NDF: 4.1/4

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: 52711.921+/-33.505 χ^2/NDF : 3017.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

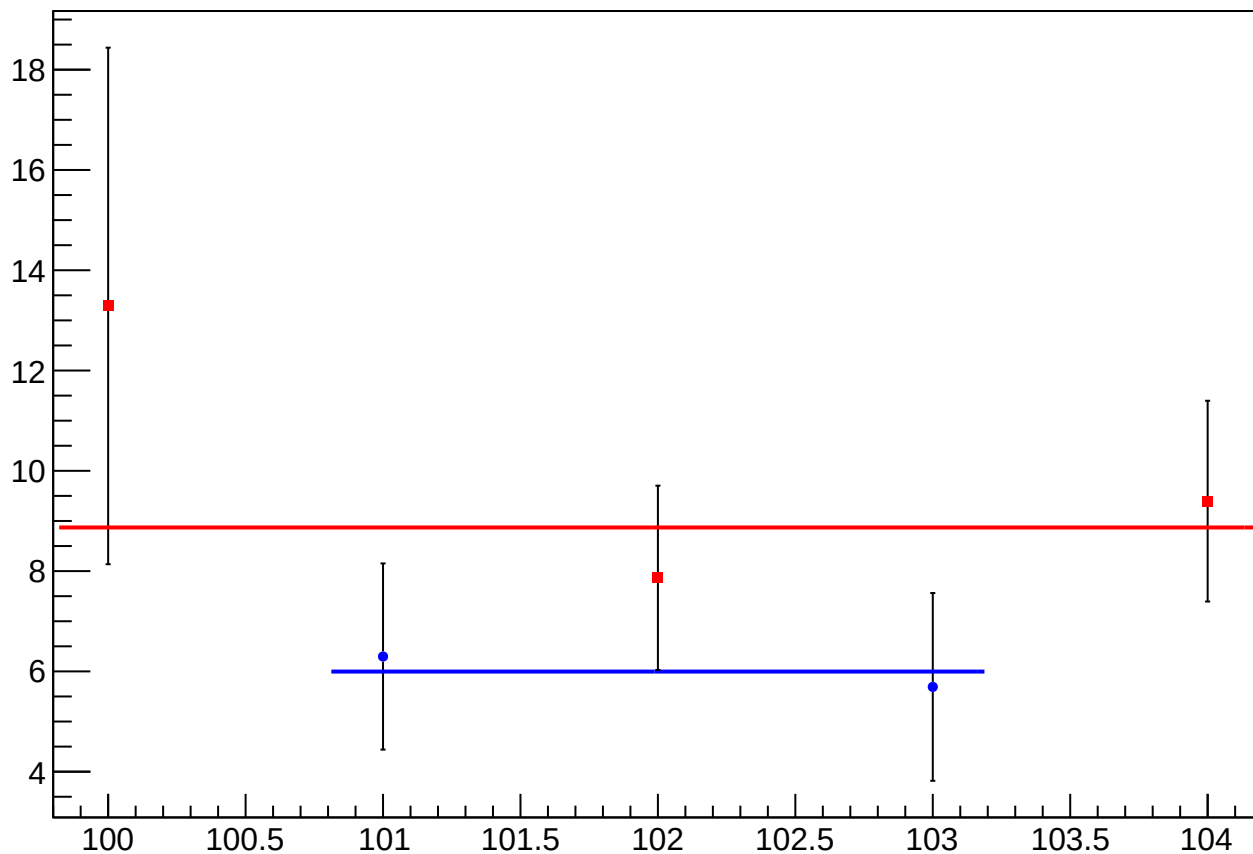
Right: 52627.348+/-23.539 χ^2/NDF : 3812.6/4

In: 52544.919+/-33.078 χ^2/NDF : 782.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52627.348+/-23.539 χ^2/NDF : 3812.6/4

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 5.996 ± 1.318 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.870 ± 1.309 χ^2/NDF : 1.1/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

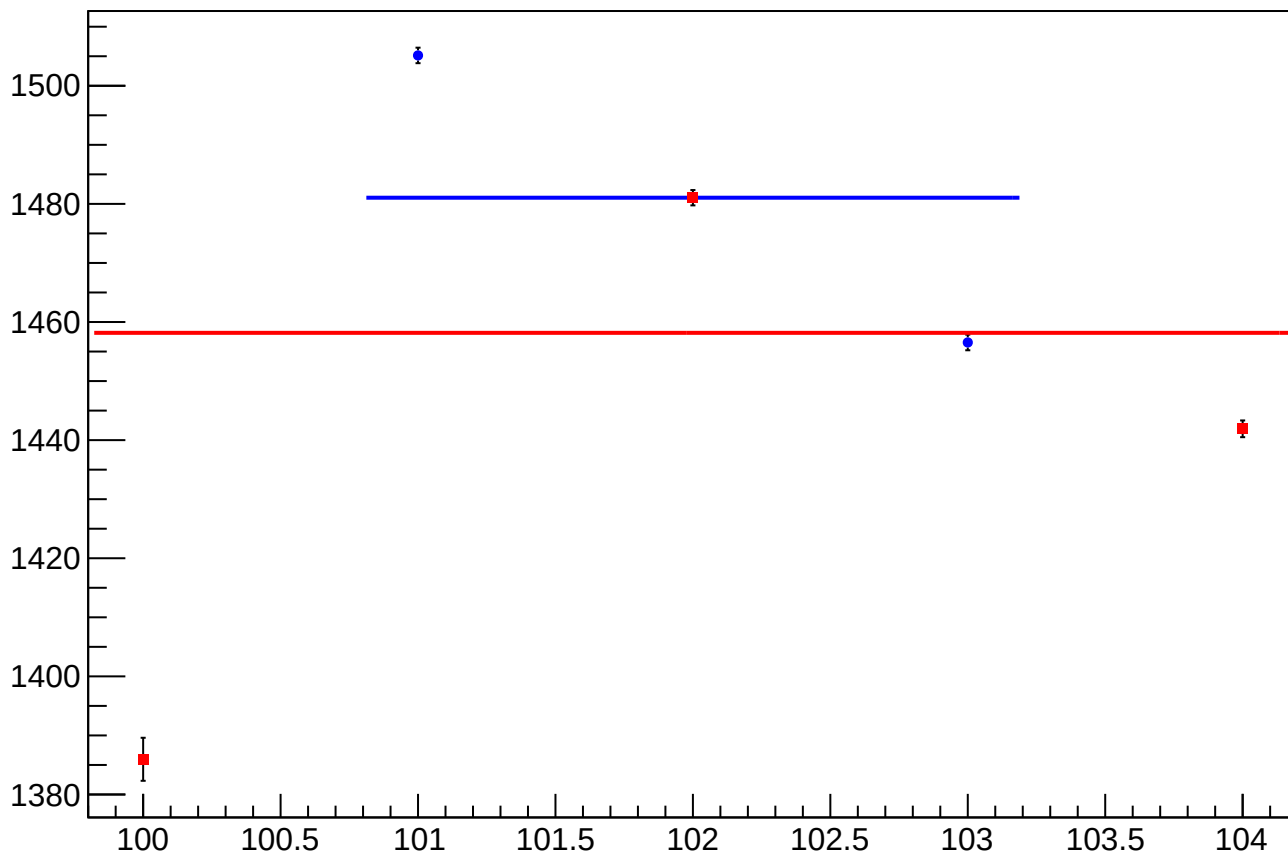
Right: 7.443 ± 0.929 χ^2/NDF : 3.5/4

In: 5.996 ± 1.318 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.443 ± 0.929 χ^2/NDF : 3.5/4

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: 1458.167 $\pm$ 0.926 χ^2 /NDF: 834.9/2

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

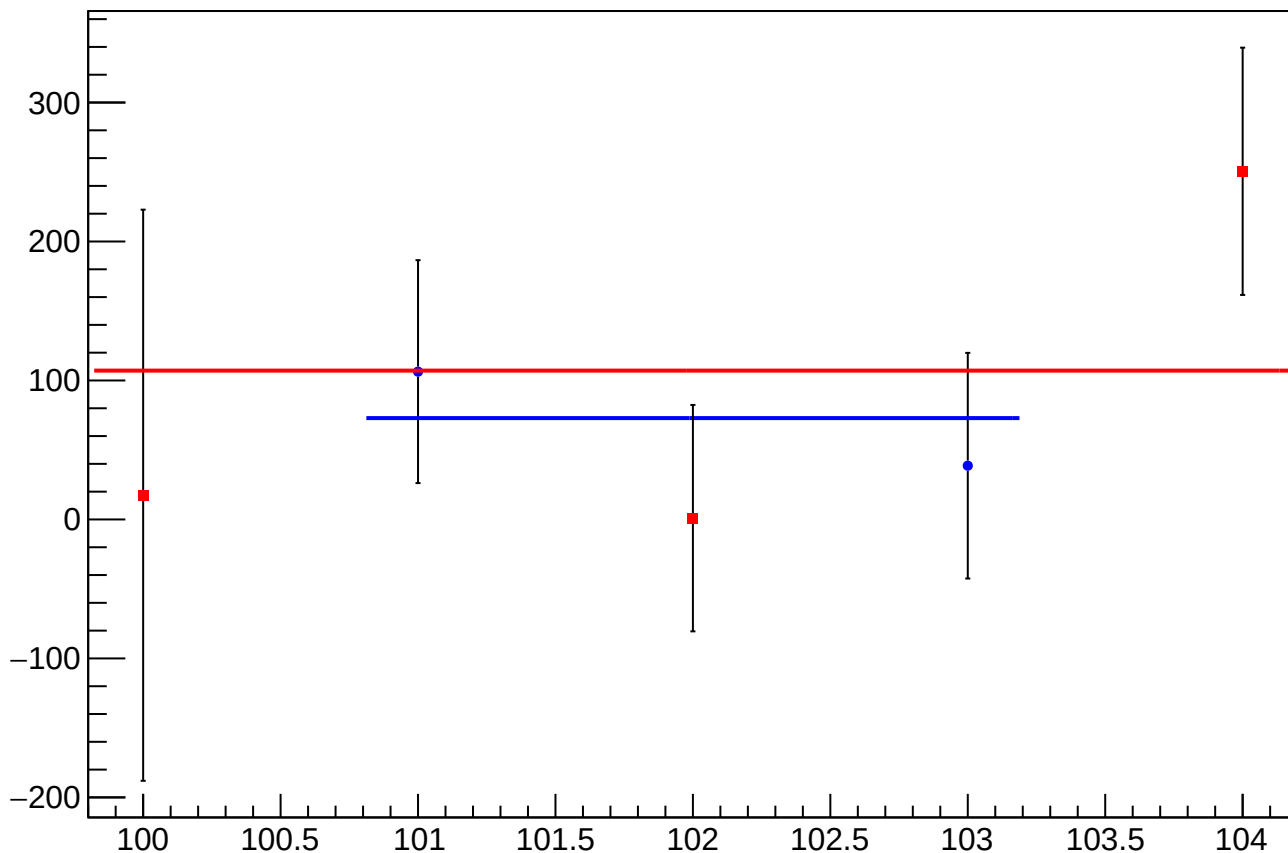
Right: 1469.528 $\pm$ 0.657 χ^2 /NDF: 1817.6/4

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: 1469.528 $\pm$ 0.657 χ^2 /NDF: 1817.6/4

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: 107.101+/-57.662 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

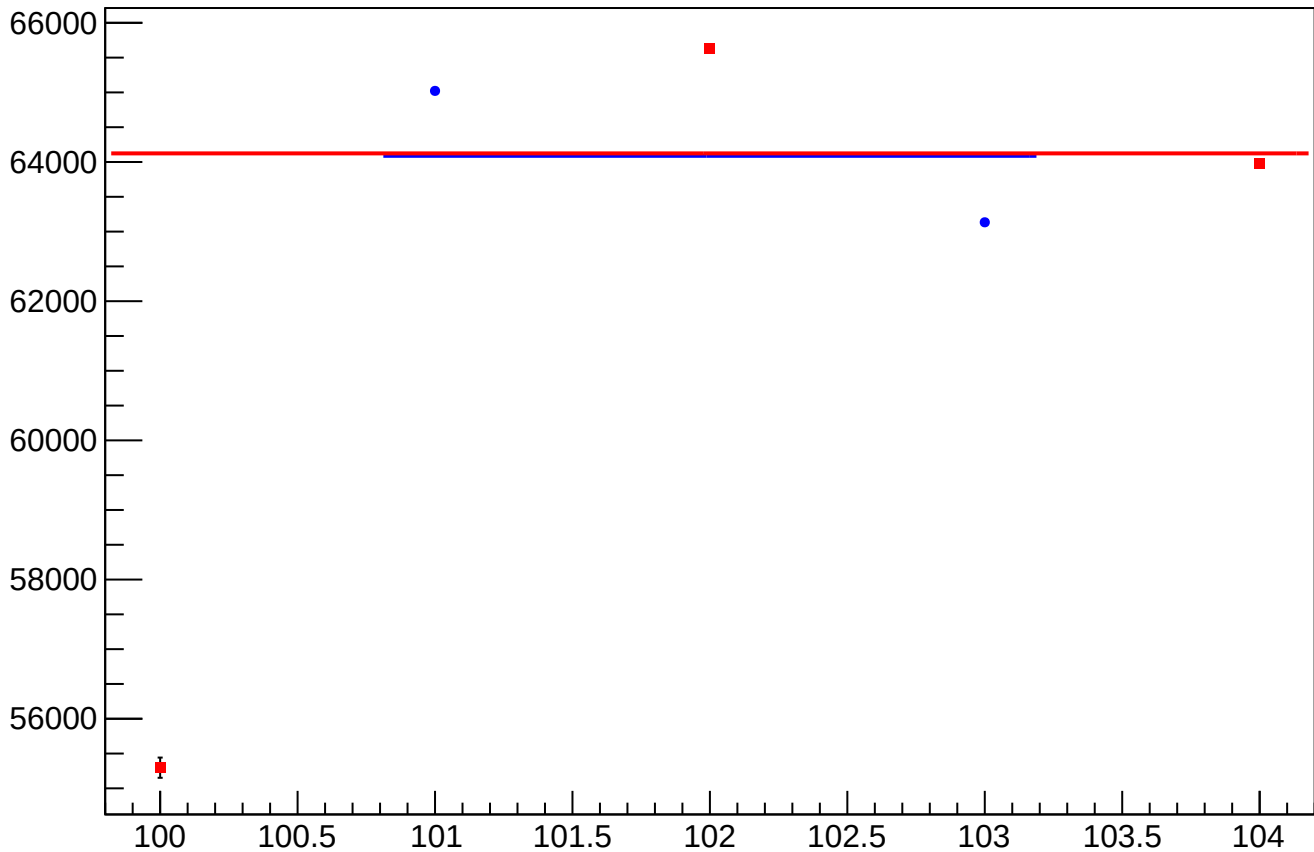
Right: 89.832+/-40.557 χ^2/NDF : 5.0/4

In: 72.926+/-57.054 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.832+/-40.557 χ^2/NDF : 5.0/4

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 64089.187+/-40.343 χ^2/NDF : 547.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64123.785+/-40.773 χ^2/NDF : 4378.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

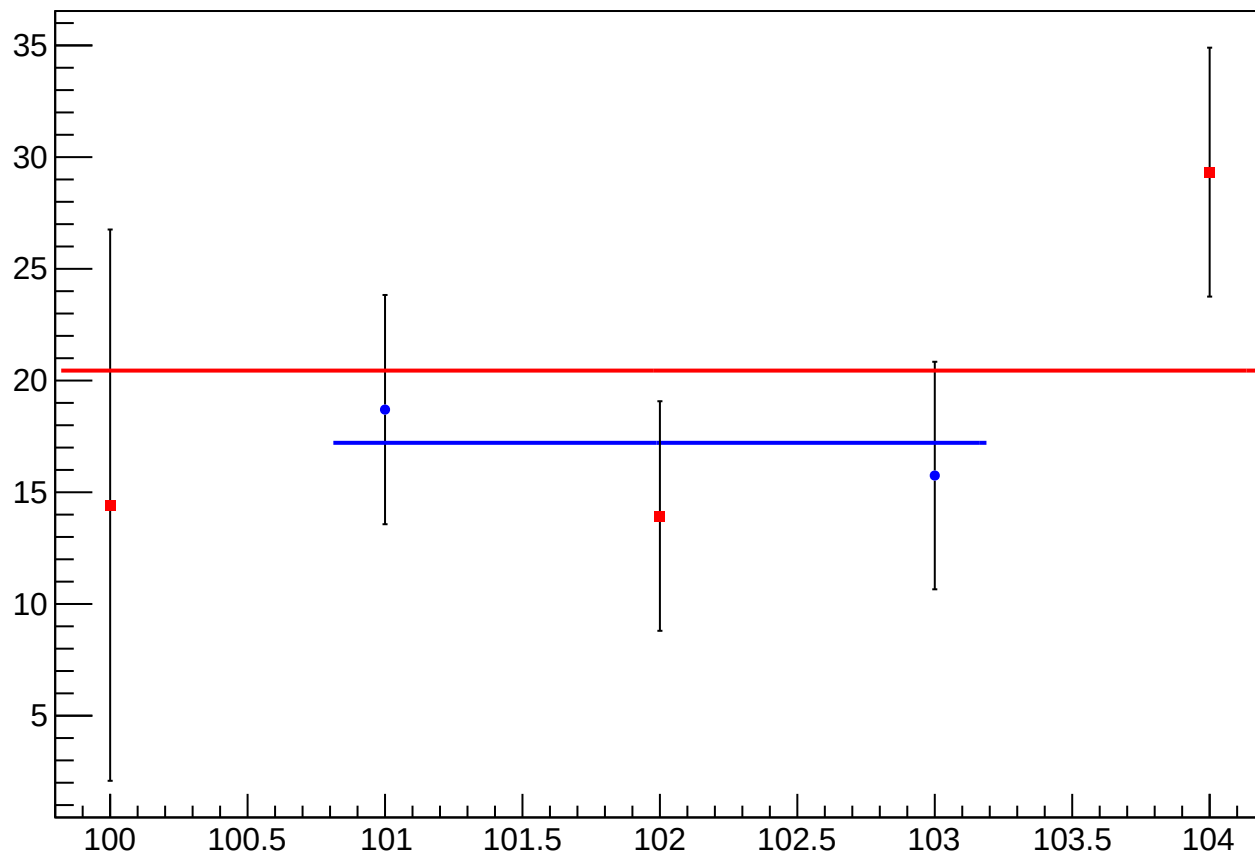
Right: 64106.303+/-28.678 χ^2/NDF : 4926.0/4

In: 64089.187+/-40.343 χ^2/NDF : 547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64106.303+/-28.678 χ^2/NDF : 4926.0/4

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: 20.446+/-3.611 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

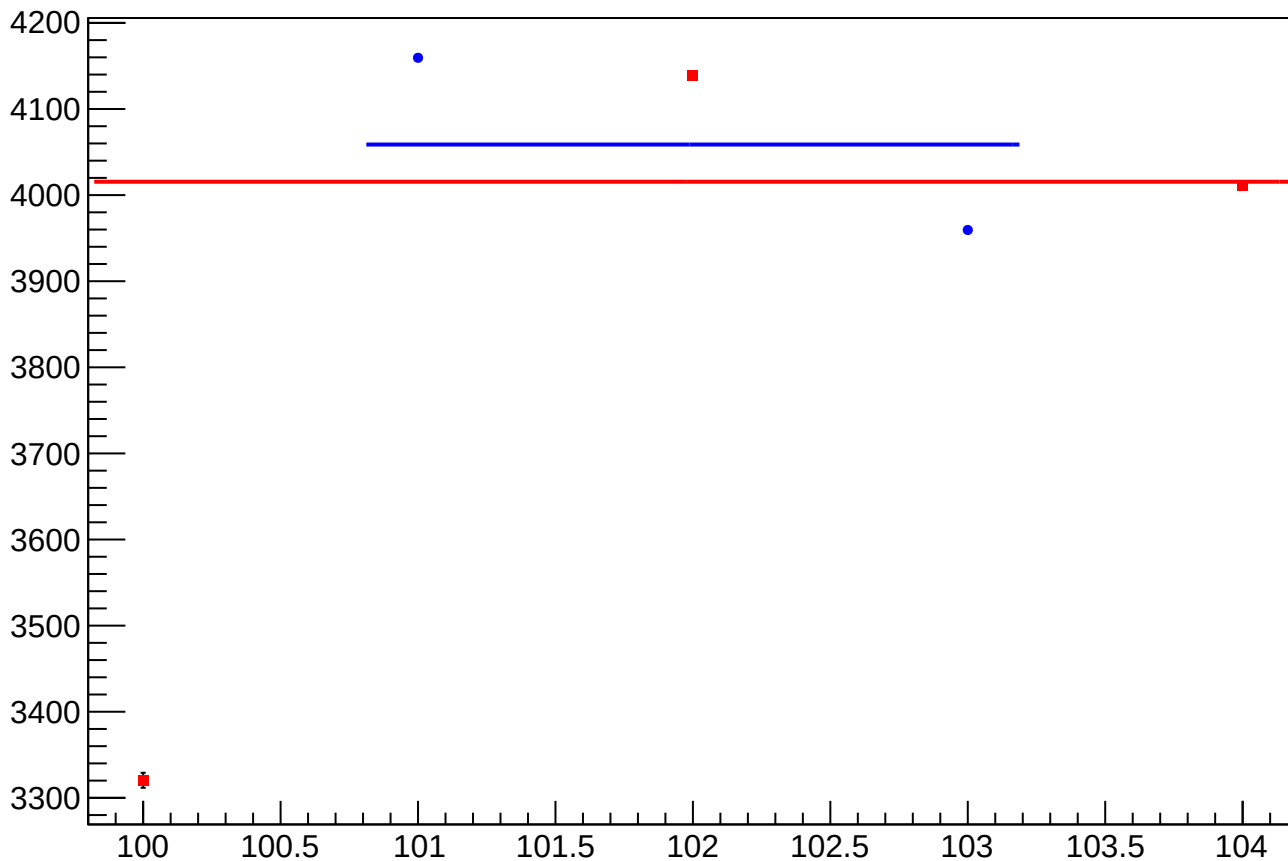
Right: 18.831+/-2.554 χ^2/NDF : 5.0/4

In: 17.213+/-3.614 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.831+/-2.554 χ^2/NDF : 5.0/4

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4058.737 $\pm$ 2.555 χ^2 /NDF: 1531.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4015.530 $\pm$ 2.554 χ^2 /NDF: 7512.6/2

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

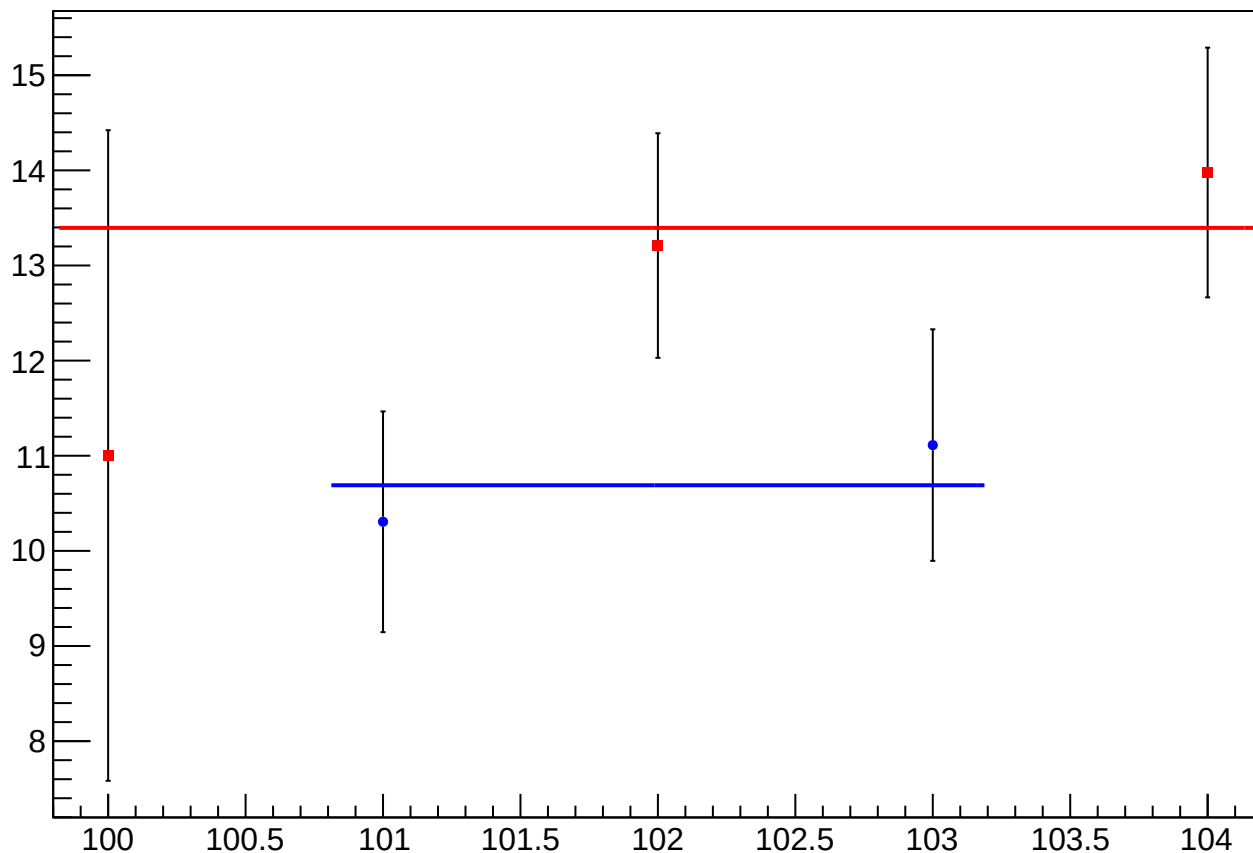
Right: 4037.118 $\pm$ 1.806 χ^2 /NDF: 9186.6/4

In: 4058.737 $\pm$ 2.555 χ^2 /NDF: 1531.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4037.118 $\pm$ 1.806 χ^2 /NDF: 9186.6/4

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: 13.395 $\pm$ 0.850 χ^2 /NDF: 0.7/2

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

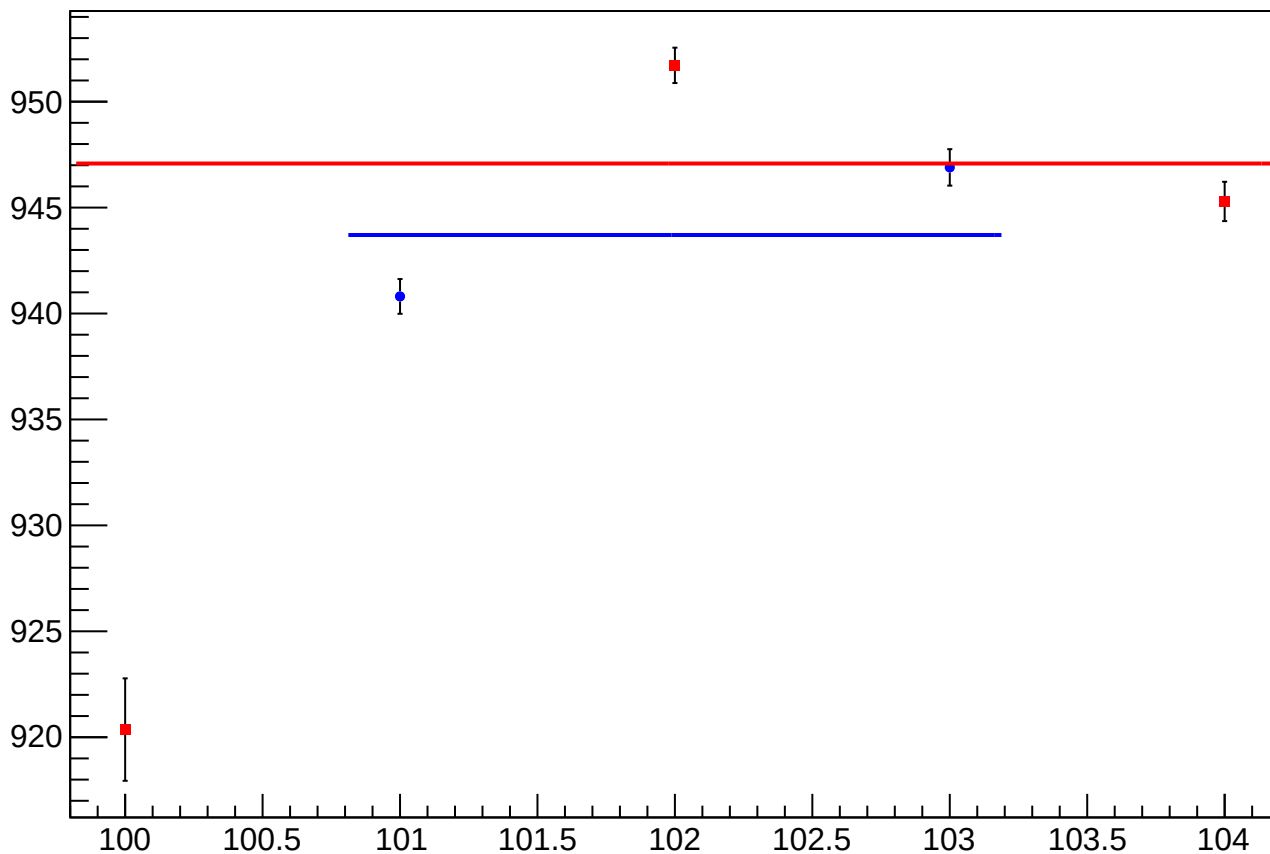
Right: 12.026 $\pm$ 0.597 χ^2 /NDF: 6.1/4

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: 12.026 $\pm$ 0.597 χ^2 /NDF: 6.1/4

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: 947.080 $\pm$ 0.601 χ^2 /NDF: 156.6/2

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

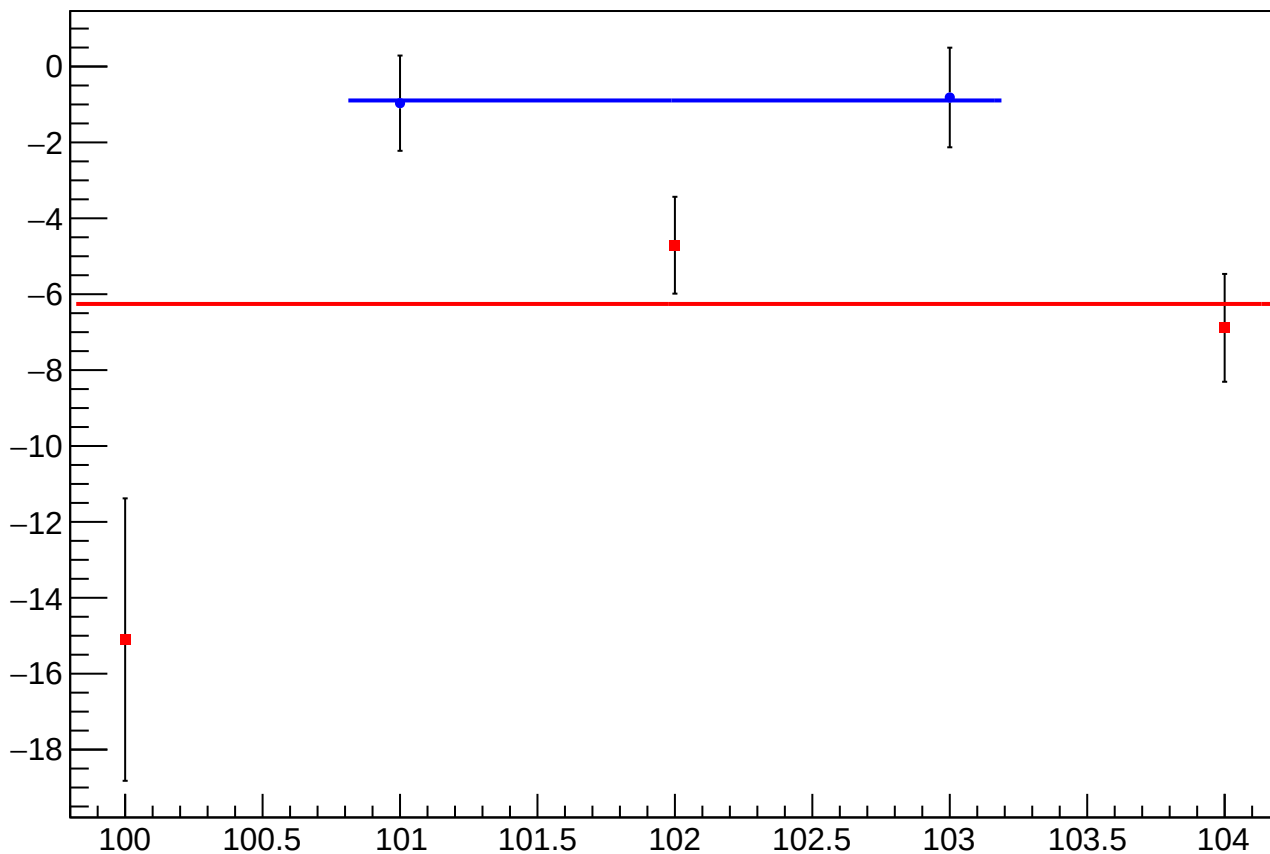
Right: 945.373 $\pm$ 0.422 χ^2 /NDF: 198.8/4

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: 945.373 $\pm$ 0.422 χ^2 /NDF: 198.8/4

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.895 ± 0.907 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -6.257 ± 0.920 $\chi^2/\text{NDF}: 7.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

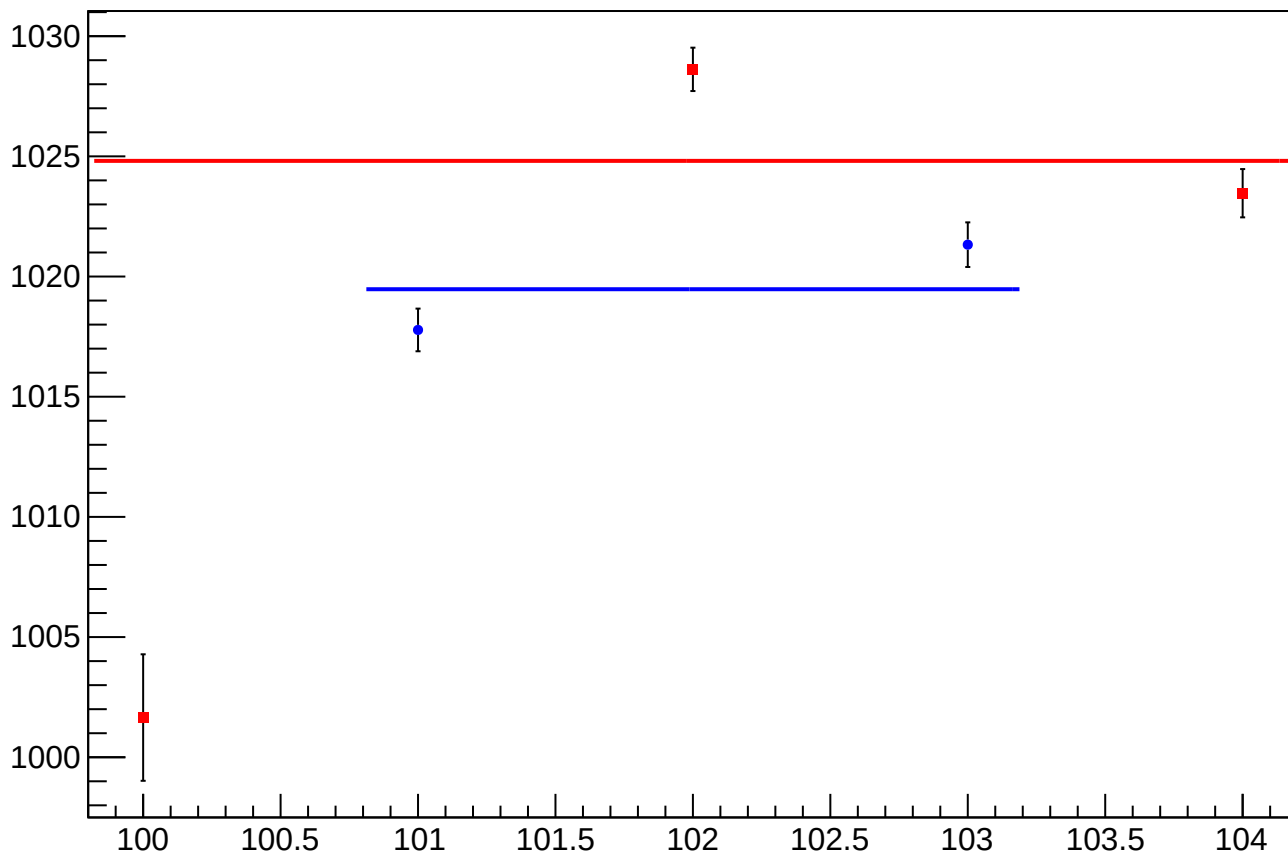
Right: -3.538 ± 0.646 $\chi^2/\text{NDF}: 24.6/4$

In: -0.895 ± 0.907 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.538 ± 0.646 $\chi^2/\text{NDF}: 24.6/4$

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1019.472 $\pm$ 0.641 χ^2 /NDF: 7.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1024.812 $\pm$ 0.650 χ^2 /NDF: 97.1/2

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

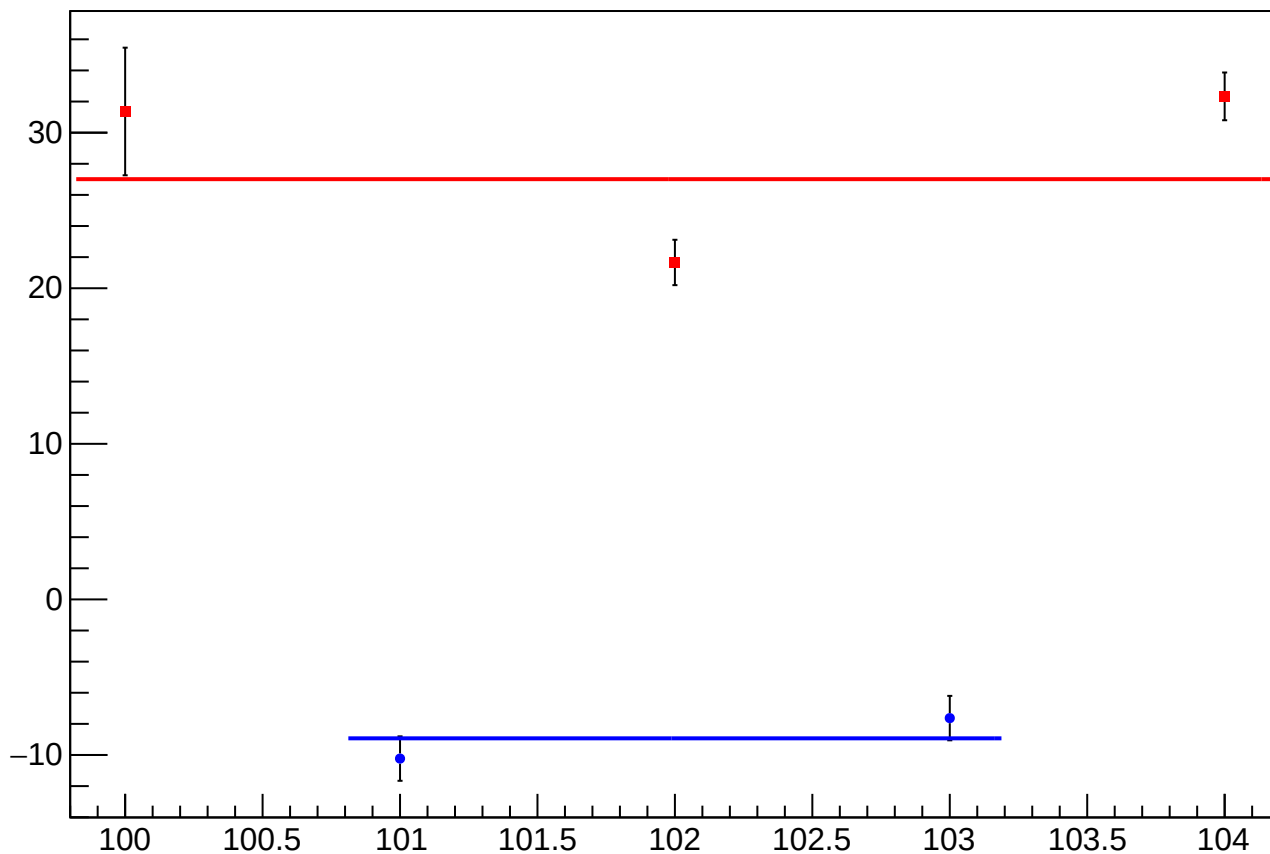
Right: 1022.105 $\pm$ 0.457 χ^2 /NDF: 138.9/4

In: 1019.472 $\pm$ 0.641 χ^2 /NDF: 7.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1022.105 $\pm$ 0.457 χ^2 /NDF: 138.9/4

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: 27.011 ± 1.023 χ^2/NDF : 26.6/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

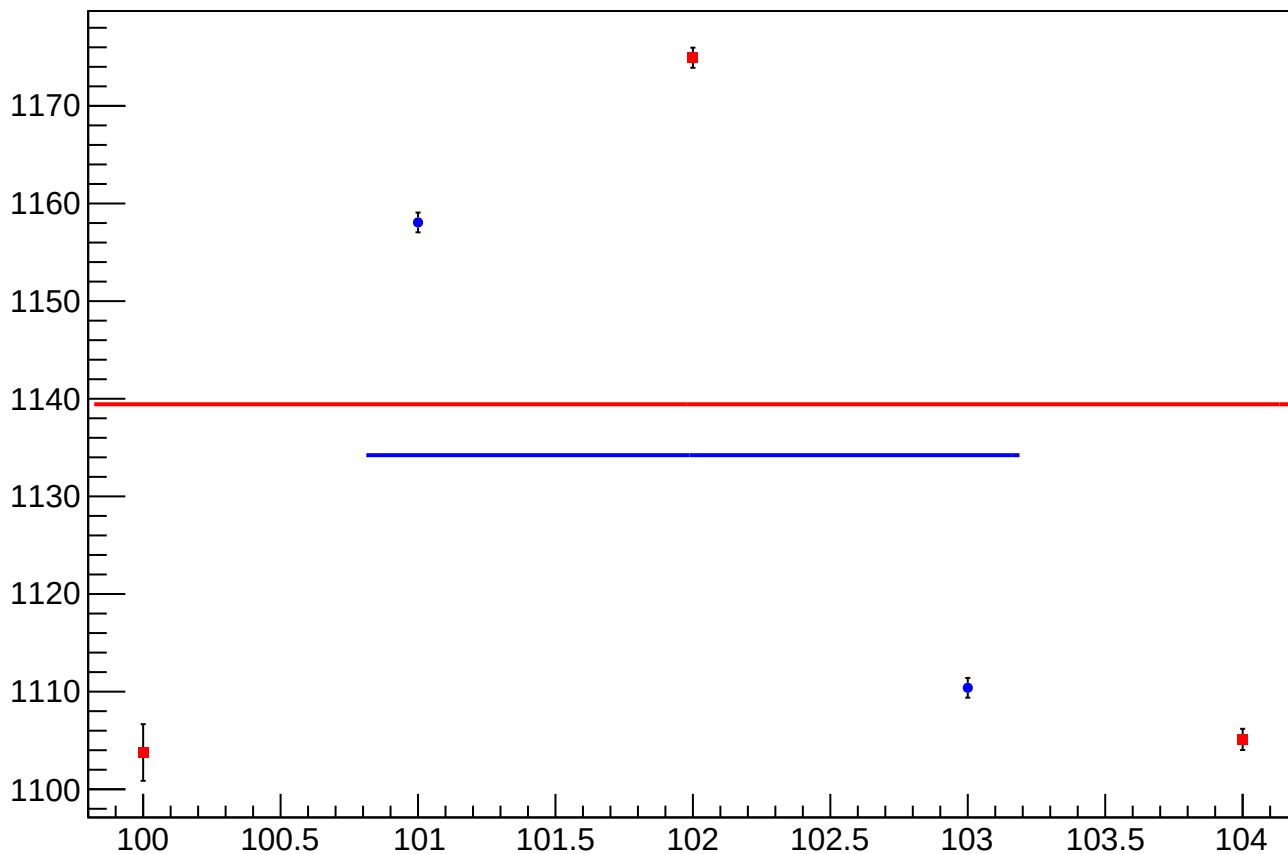
Right: 8.801 ± 0.719 χ^2/NDF : 653.3/4

In: -8.930 ± 1.010 χ^2/NDF : 1.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.801 ± 0.719 χ^2/NDF : 653.3/4

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: 1139.435+/-0.724 χ^2/NDF : 2338.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

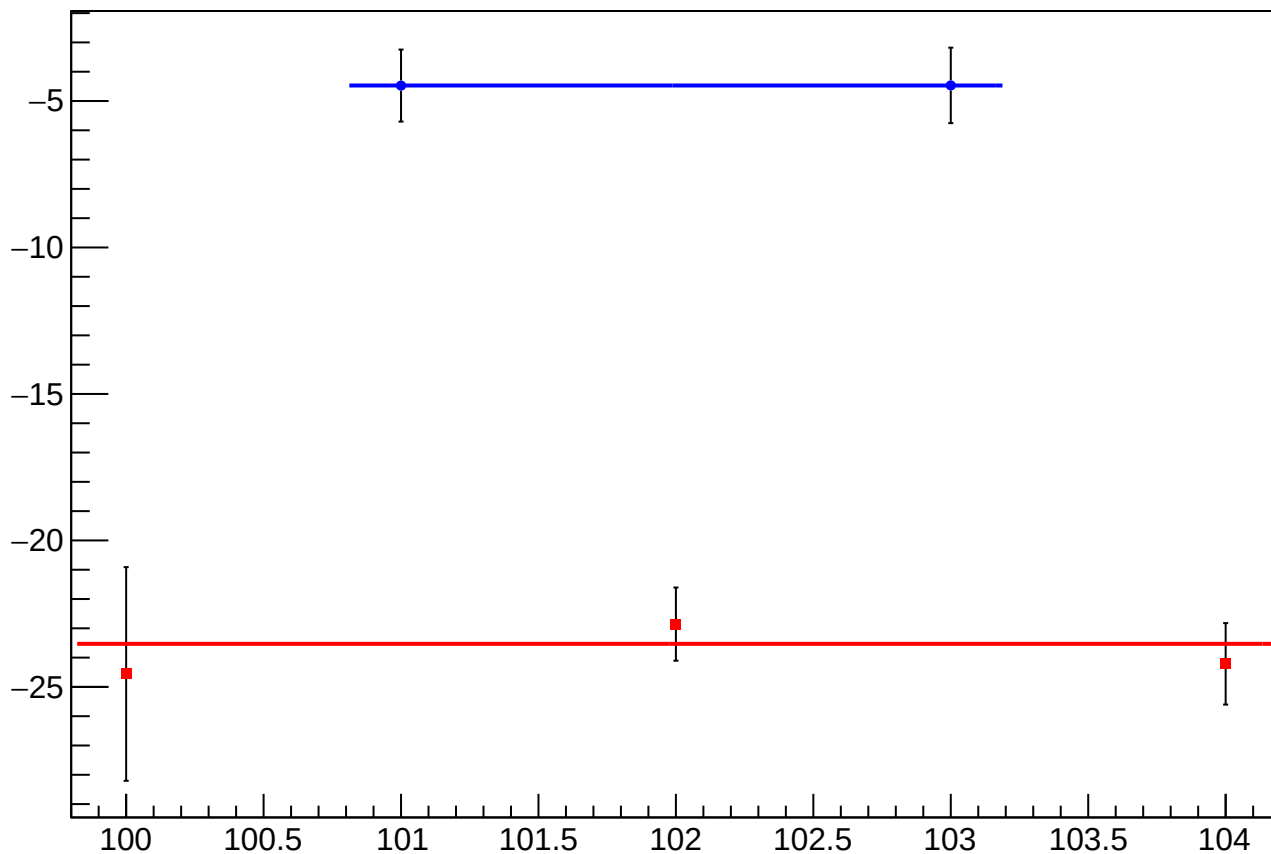
Right: 1136.793+/-0.508 χ^2/NDF : 3479.1/4

In: 1134.221+/-0.714 χ^2/NDF : 1114.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1136.793+/-0.508 χ^2/NDF : 3479.1/4

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: -23.529+/-0.900 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

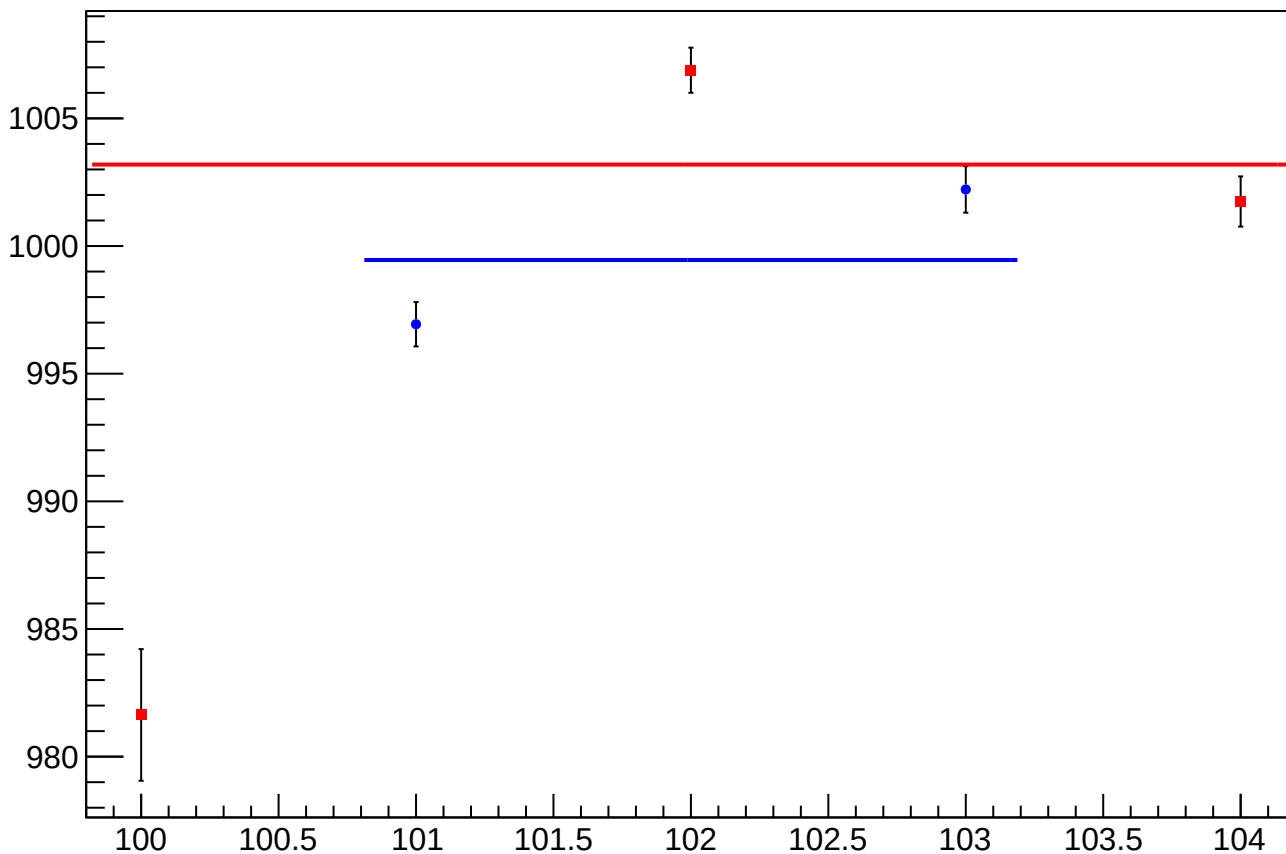
Right: -13.882+/-0.633 χ^2/NDF : 227.4/4

In: -4.470+/-0.889 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.882+/-0.633 χ^2/NDF : 227.4/4

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: 1003.191 $\pm$ 0.637 χ^2 /NDF: 89.6/2

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

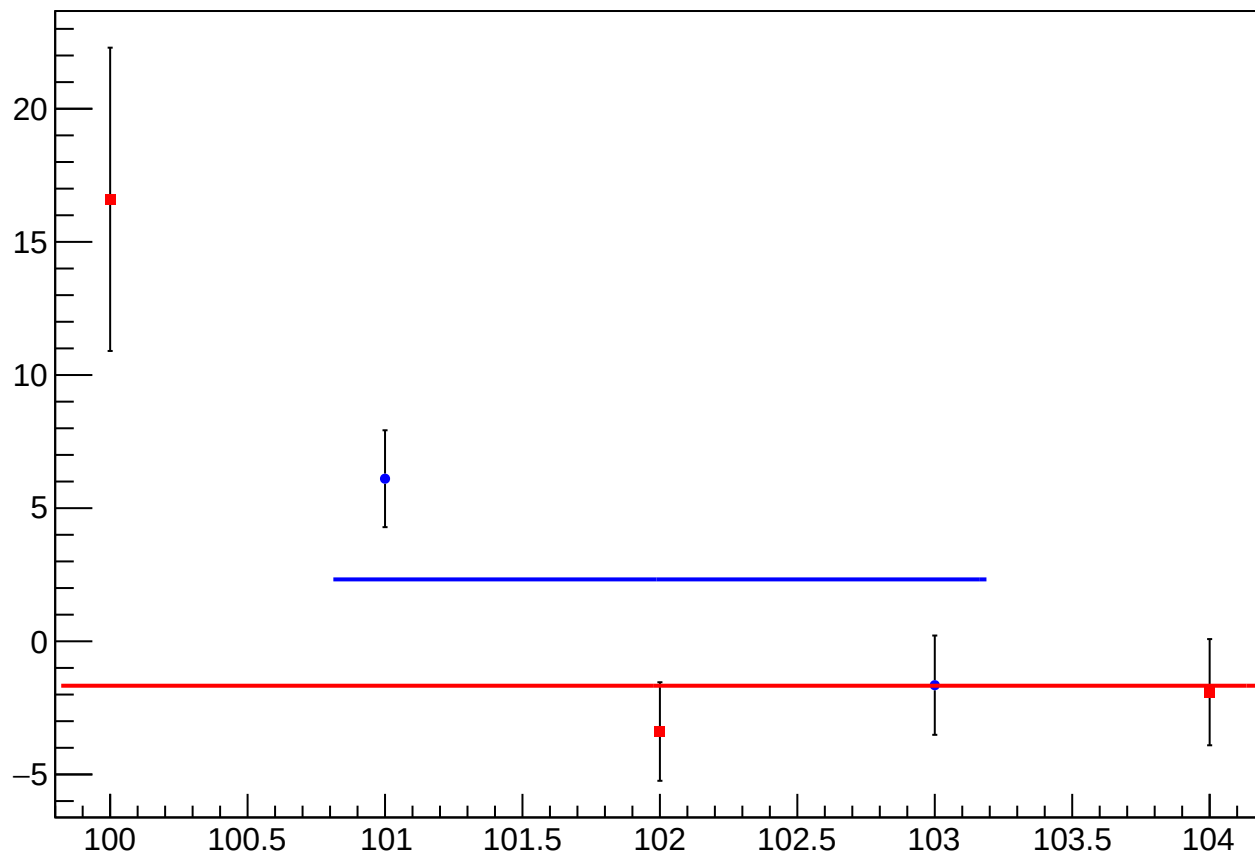
Right: 1001.299 $\pm$ 0.447 χ^2 /NDF: 124.6/4

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: 1001.299 $\pm$ 0.447 χ^2 /NDF: 124.6/4

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: -1.668+/-1.320 χ^2/NDF : 11.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

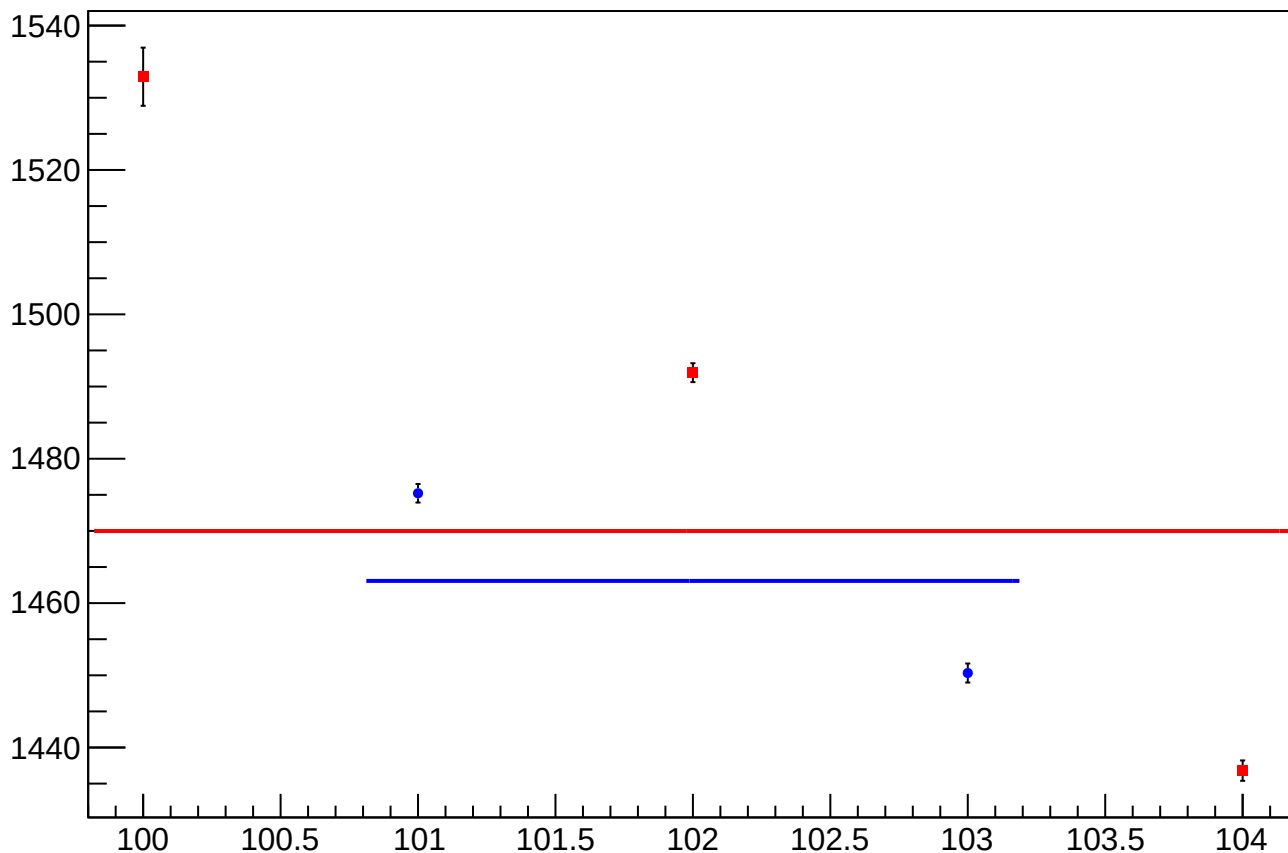
Right: 0.355+/-0.927 χ^2/NDF : 24.7/4

In: 2.325+/-1.302 χ^2/NDF : 8.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.927 χ^2/NDF : 24.7/4

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1463.075 ± 0.921 χ^2/NDF : 182.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1469.987 ± 0.933 χ^2/NDF : 1078.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

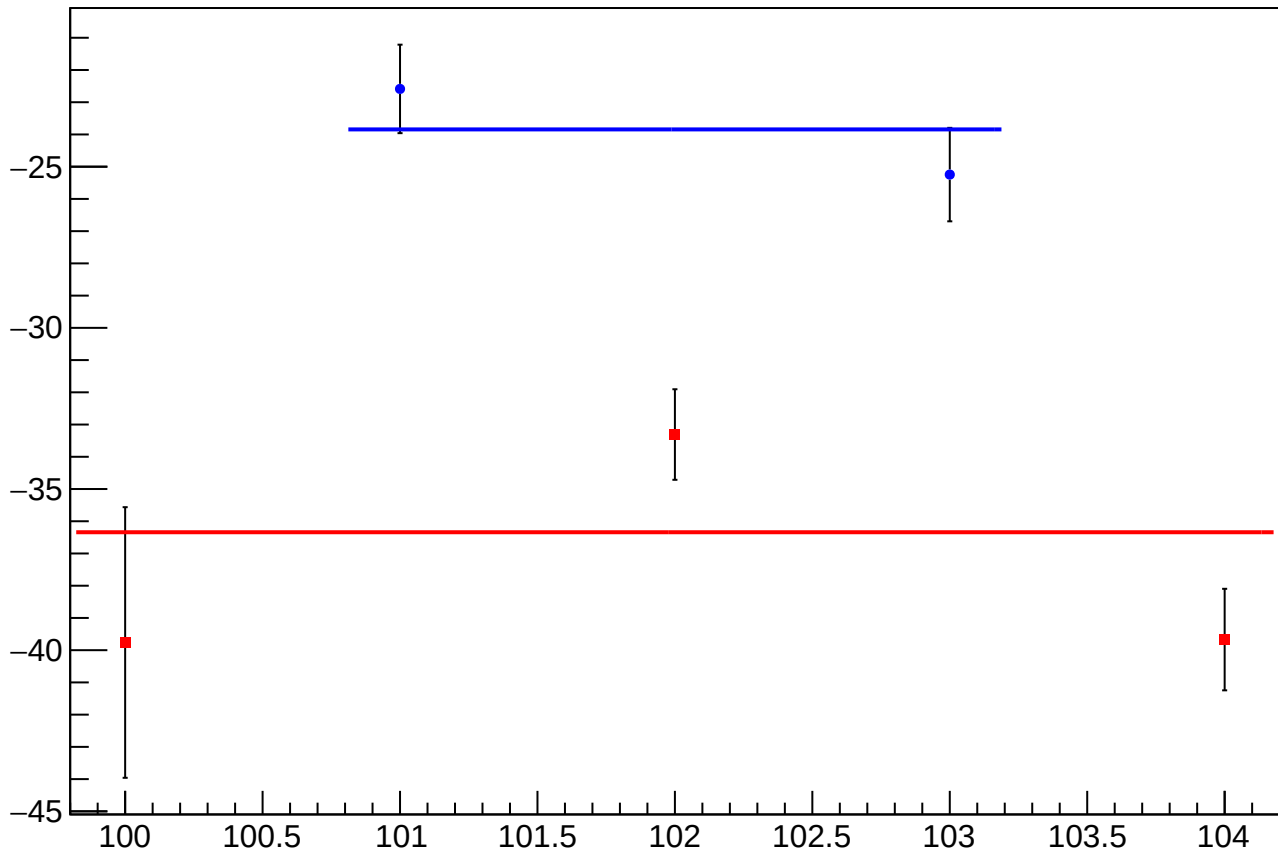
Right: 1466.485 ± 0.655 χ^2/NDF : 1289.4/4

In: 1463.075 ± 0.921 χ^2/NDF : 182.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1466.485 ± 0.655 χ^2/NDF : 1289.4/4

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: -36.341 ± 1.017 $\chi^2/\text{NDF}: 9.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

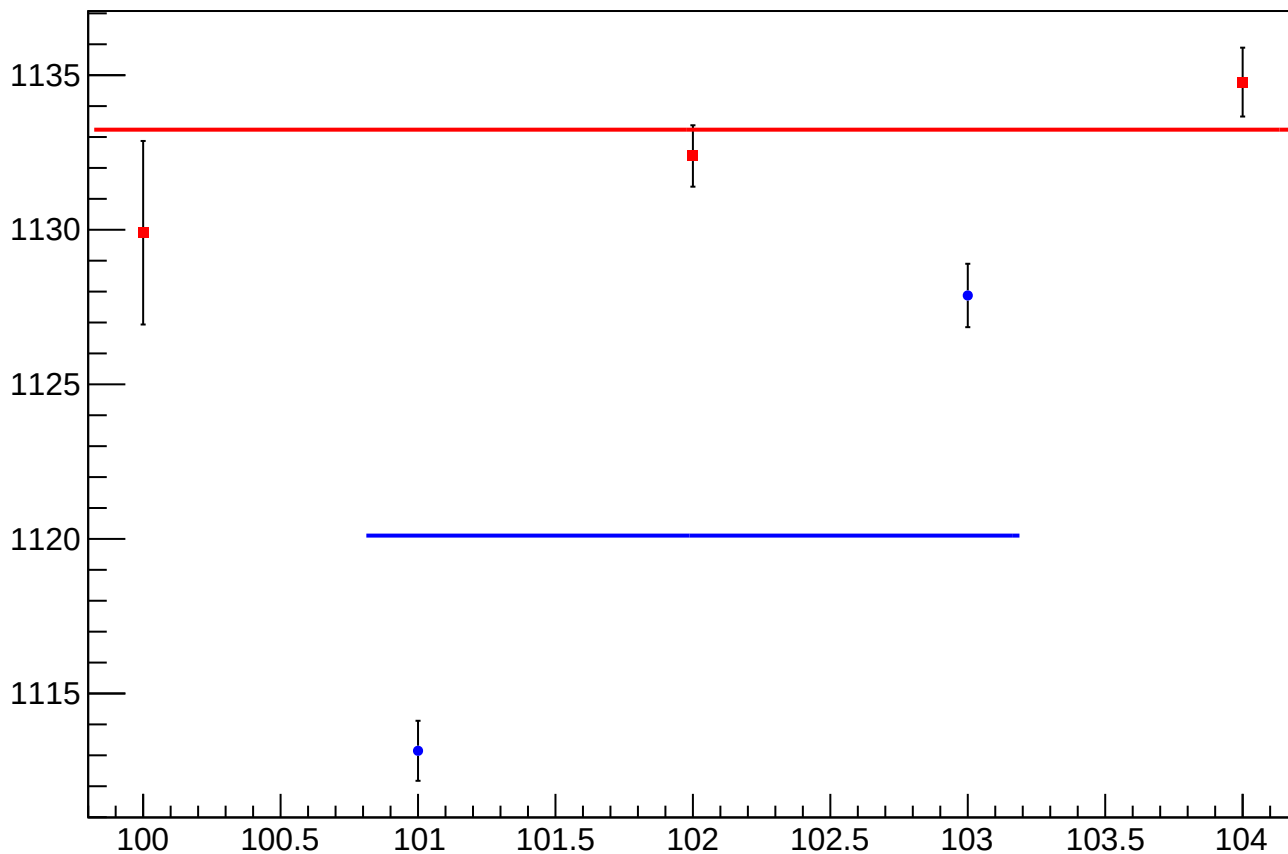
Right: -29.966 ± 0.712 $\chi^2/\text{NDF}: 88.6/4$

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: -29.966 ± 0.712 $\chi^2/\text{NDF}: 88.6/4$

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1120.107 $\pm$ 0.705 χ^2 /NDF: 108.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1133.238 $\pm$ 0.719 χ^2 /NDF: 3.9/2

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

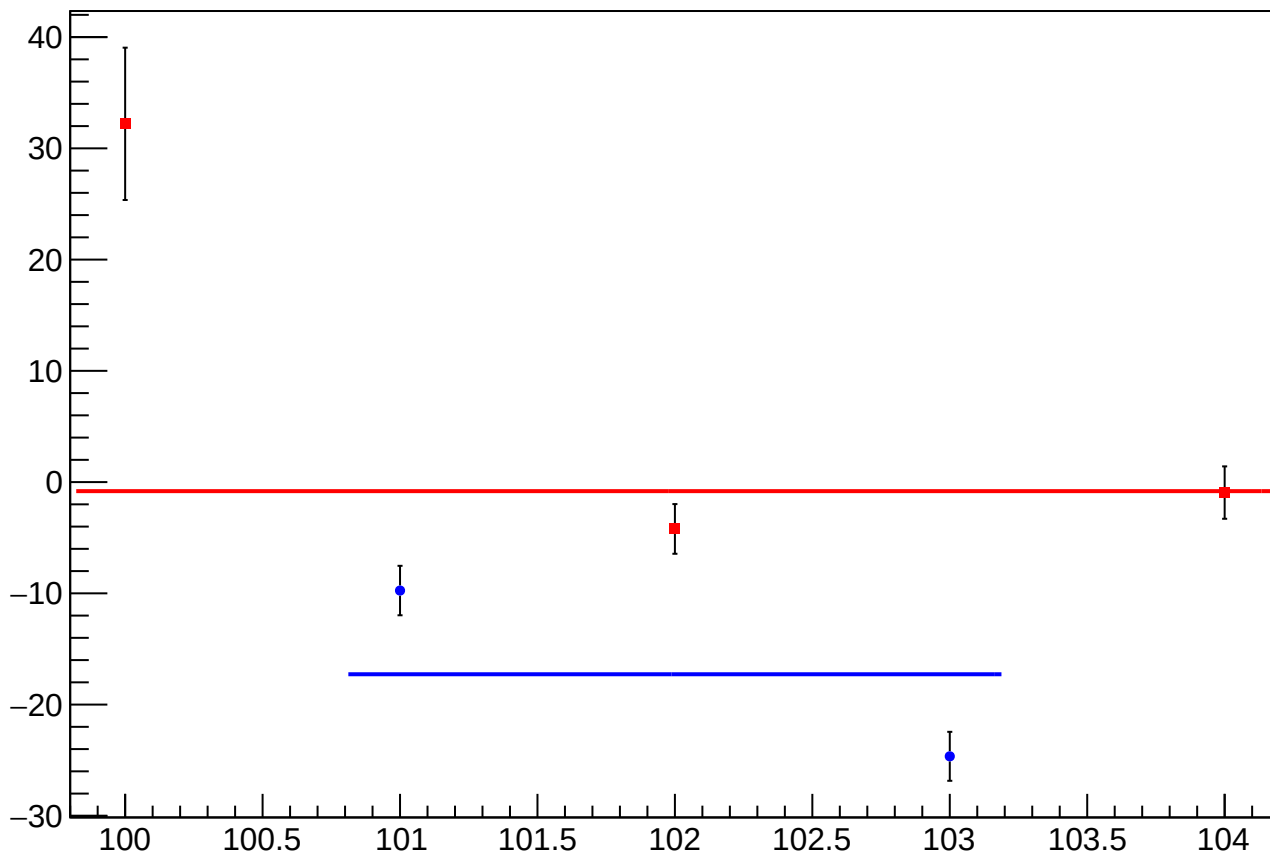
Right: 1126.540 $\pm$ 0.503 χ^2 /NDF: 282.8/4

In: 1120.107 $\pm$ 0.705 χ^2 /NDF:108.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1126.540 $\pm$ 0.503 χ^2 /NDF: 282.8/4

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: -0.813 $\pm$ 1.577 χ^2 /NDF: 25.6/2

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

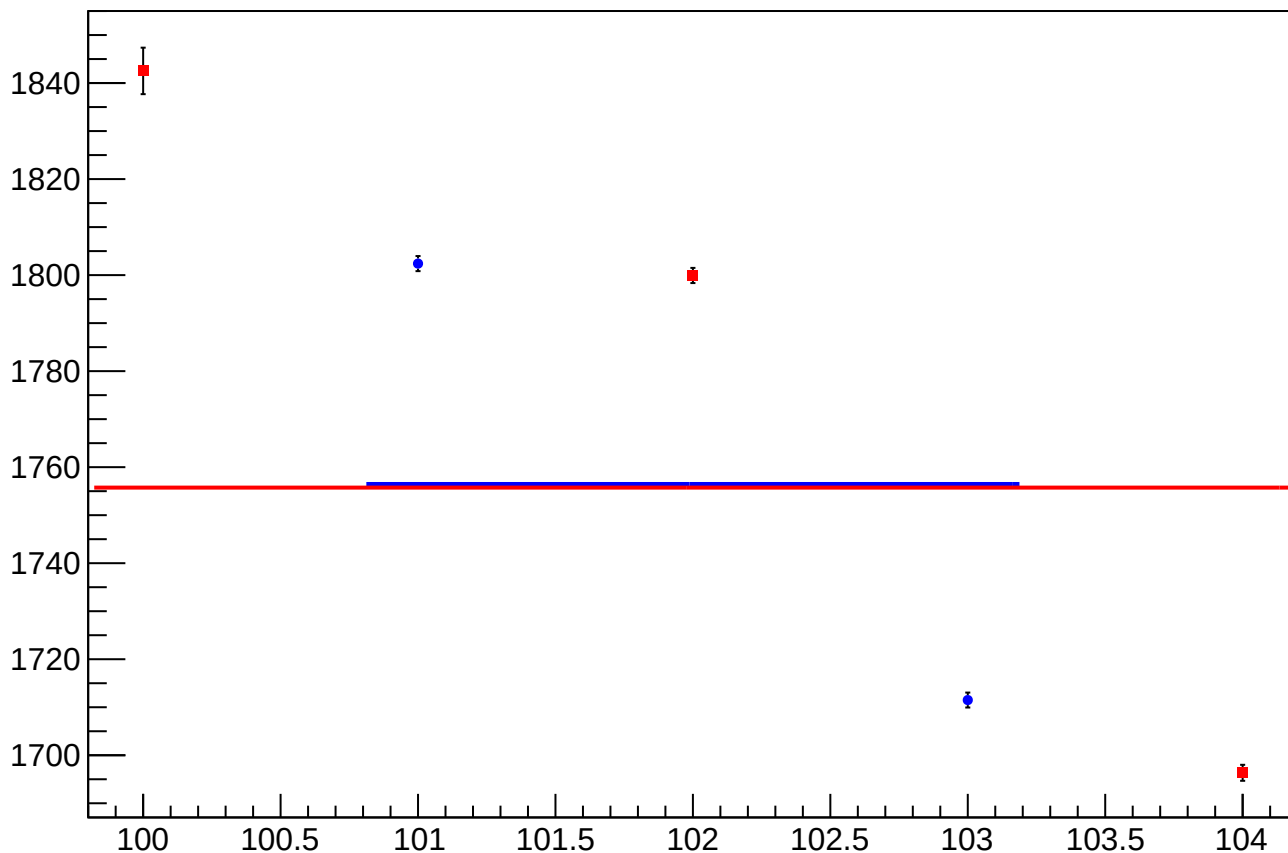
Right: -9.112 $\pm$ 1.110 χ^2 /NDF: 103.2/4

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: -9.112 $\pm$ 1.110 χ^2 /NDF: 103.2/4

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1756.497 $\pm$ 1.106 χ^2 /NDF: 1689.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1755.744 $\pm$ 1.115 χ^2 /NDF: 2376.5/2

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

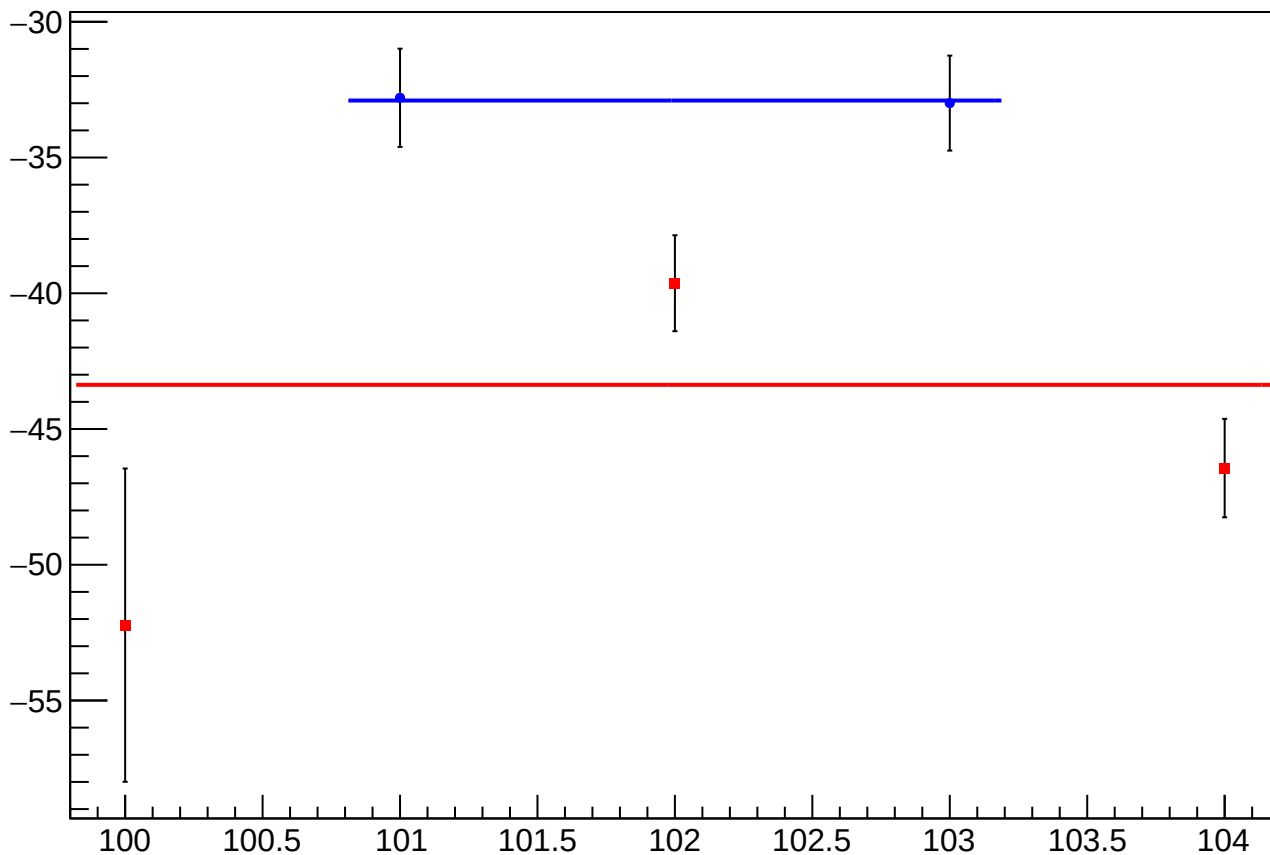
Right: 1756.123 $\pm$ 0.785 χ^2 /NDF: 4065.9/4

In: 1756.497 $\pm$ 1.106 χ^2 /NDF: 1689.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1756.123 $\pm$ 0.785 χ^2 /NDF: 4065.9/4

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: -43.373 $\pm$ 1.236 χ^2 /NDF: 9.7/2

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

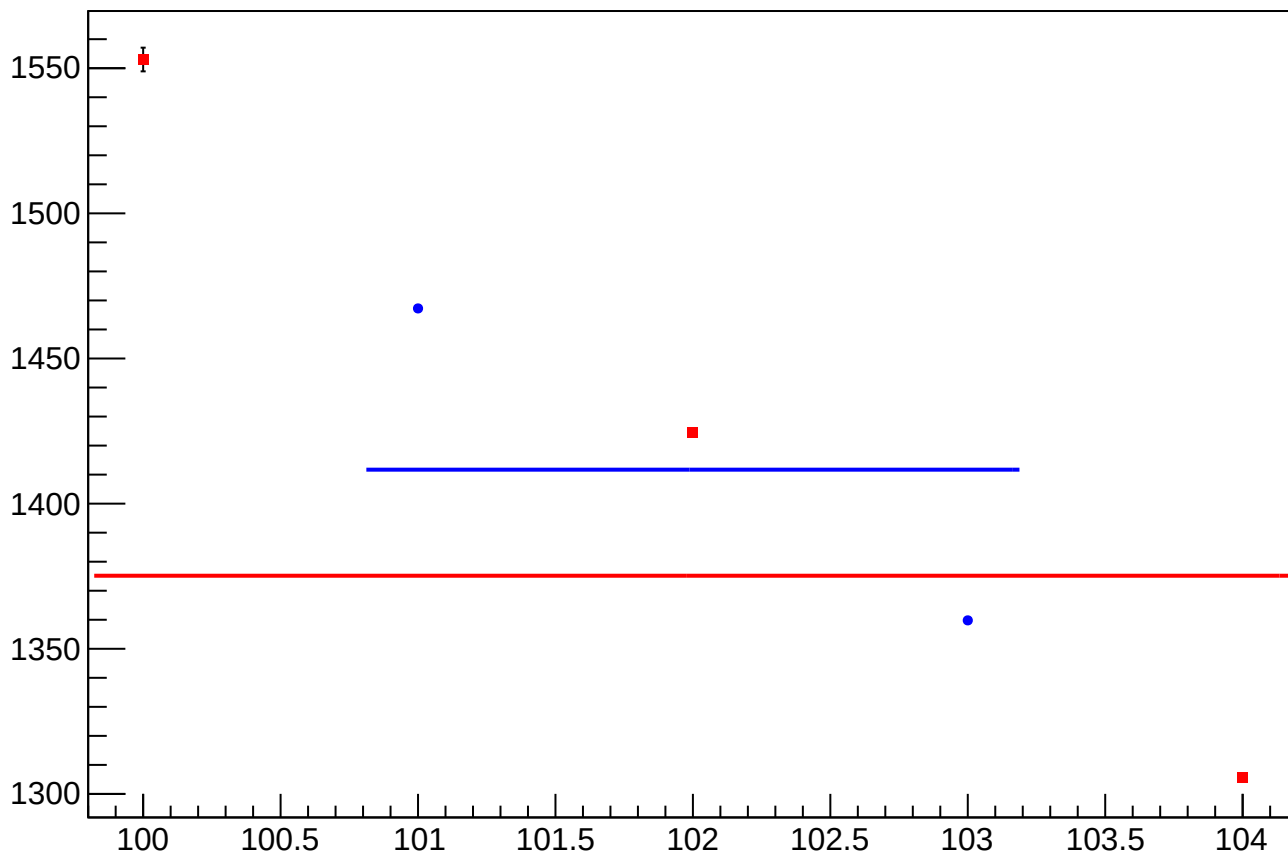
Right: -38.227 $\pm$ 0.882 χ^2 /NDF: 45.0/4

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: -38.227 $\pm$ 0.882 χ^2 /NDF: 45.0/4

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: 1375.167 $\pm$ 0.874 χ^2 /NDF: 6375.9/2

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

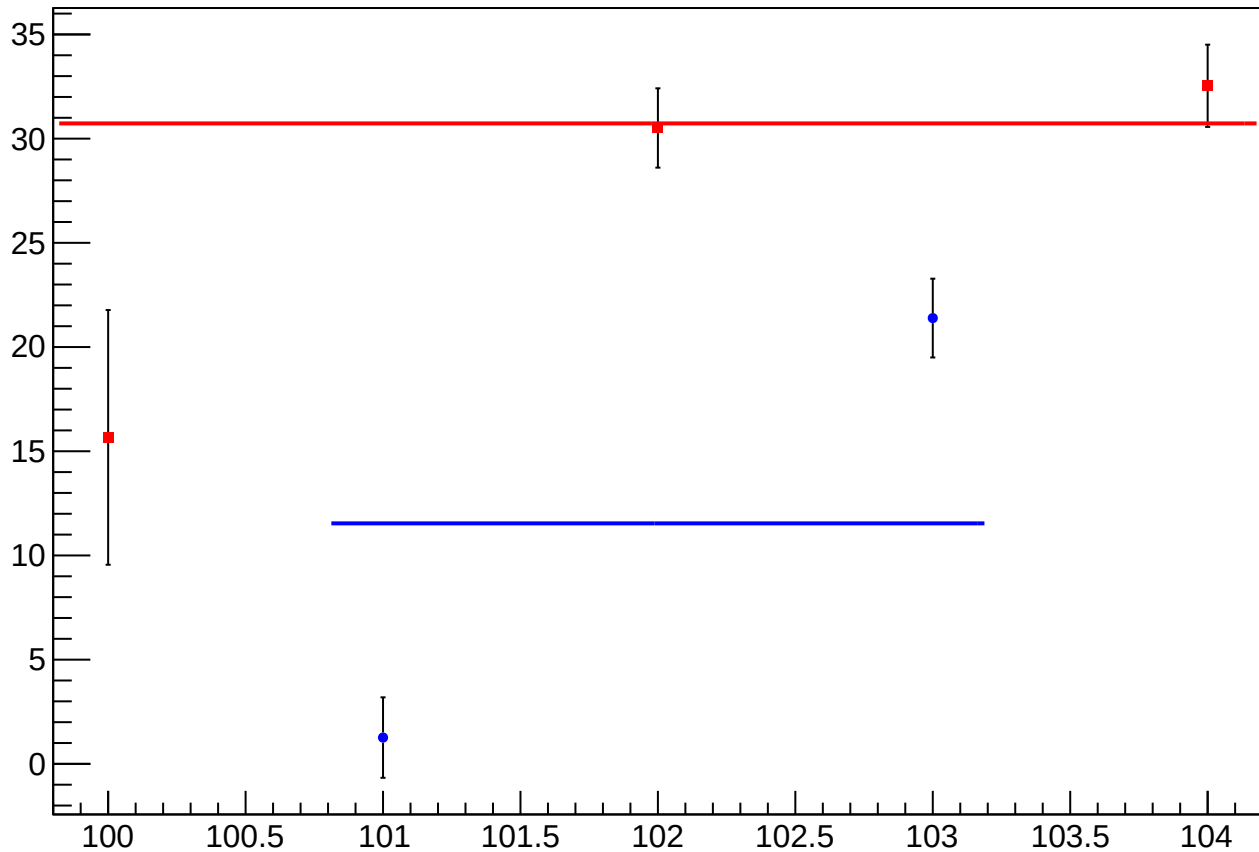
Right: 1393.121 $\pm$ 0.623 χ^2 /NDF: 10880.7/4

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: 1393.121 $\pm$ 0.623 χ^2 /NDF: 10880.7/4

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 11.539+/-1.350 χ^2/NDF : 55.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.730+/-1.337 χ^2/NDF : 6.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

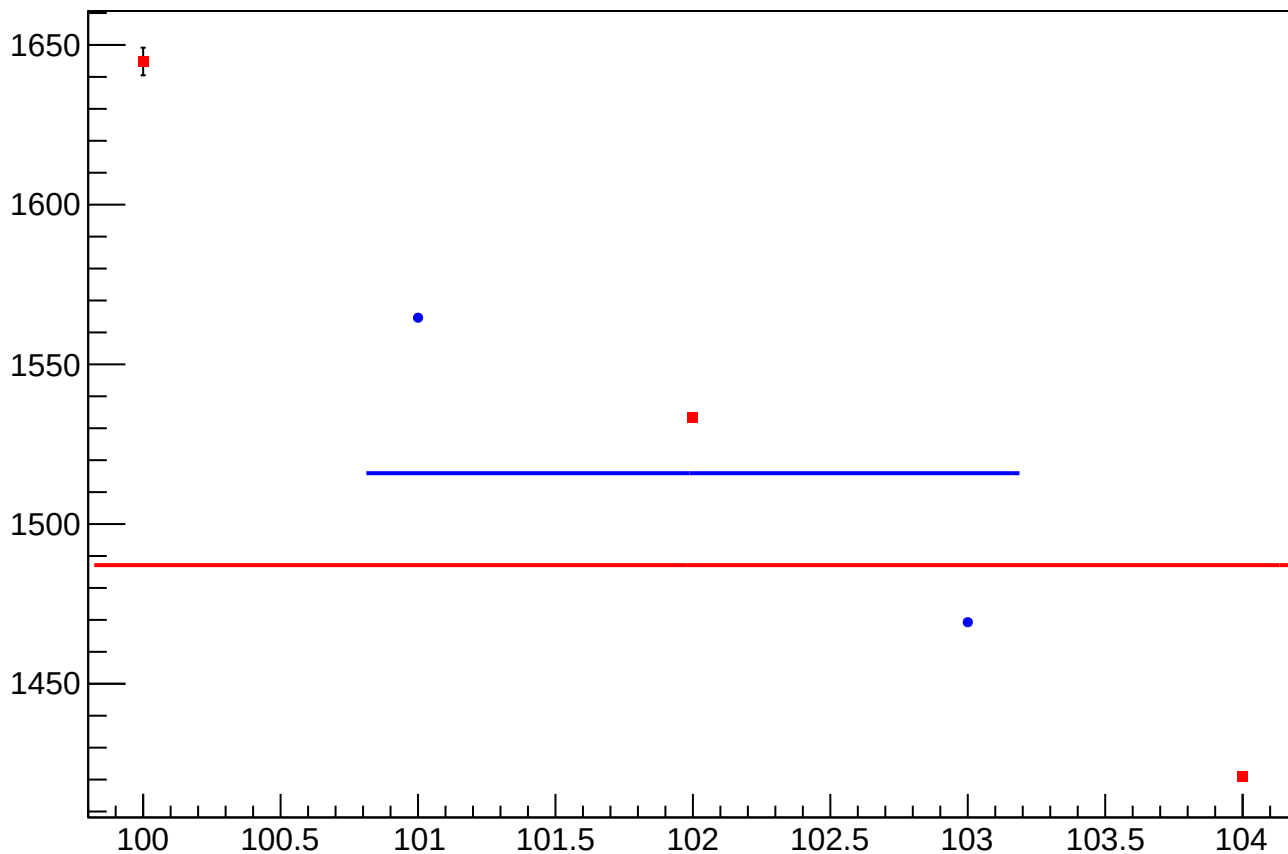
Right: 21.234+/-0.950 χ^2/NDF : 164.5/4

In: 11.539+/-1.350 χ^2/NDF : 55.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.234+/-0.950 χ^2/NDF : 164.5/4

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: 1487.137+/-0.945 χ^2/NDF : 4757.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

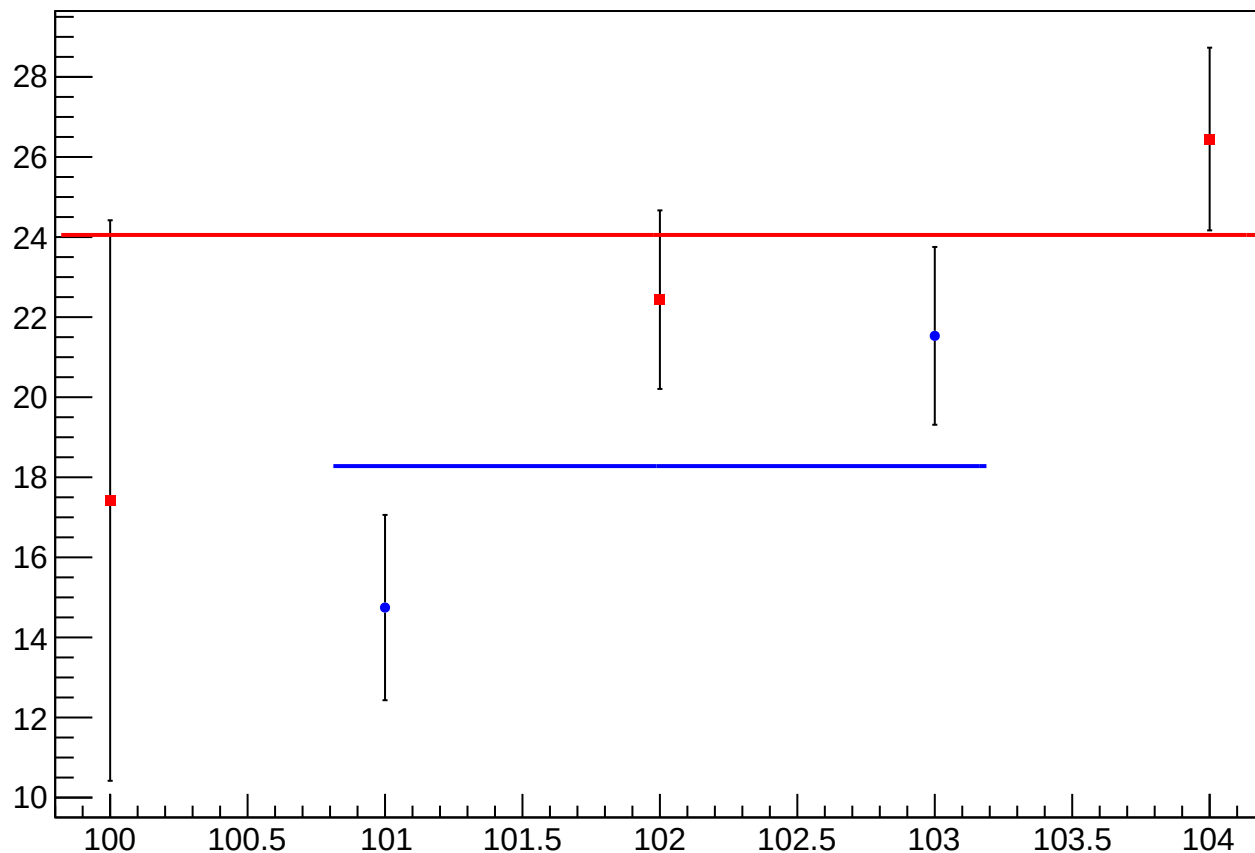
Right: 1501.383+/-0.672 χ^2/NDF : 7707.2/4

In: 1515.925+/-0.955 χ^2/NDF : 2490.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1501.383+/-0.672 χ^2/NDF : 7707.2/4

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: 24.053+/-1.555 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

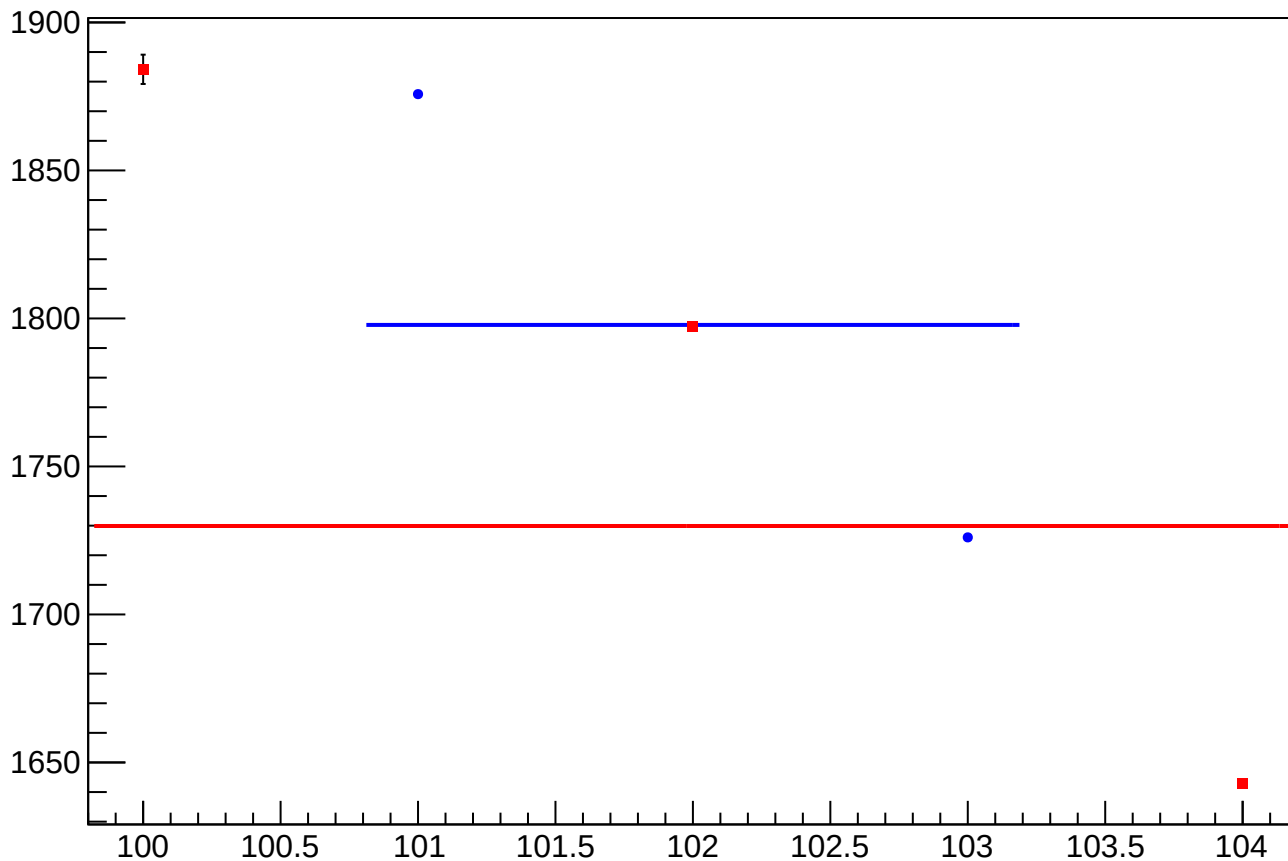
Right: 21.252+/-1.116 χ^2/NDF : 13.7/4

In: 18.279+/-1.602 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.252+/-1.116 χ^2/NDF : 13.7/4

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1797.812 $\pm$ 1.133 χ^2 /NDF: 4360.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1729.883 $\pm$ 1.099 χ^2 /NDF: 5689.3/2

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

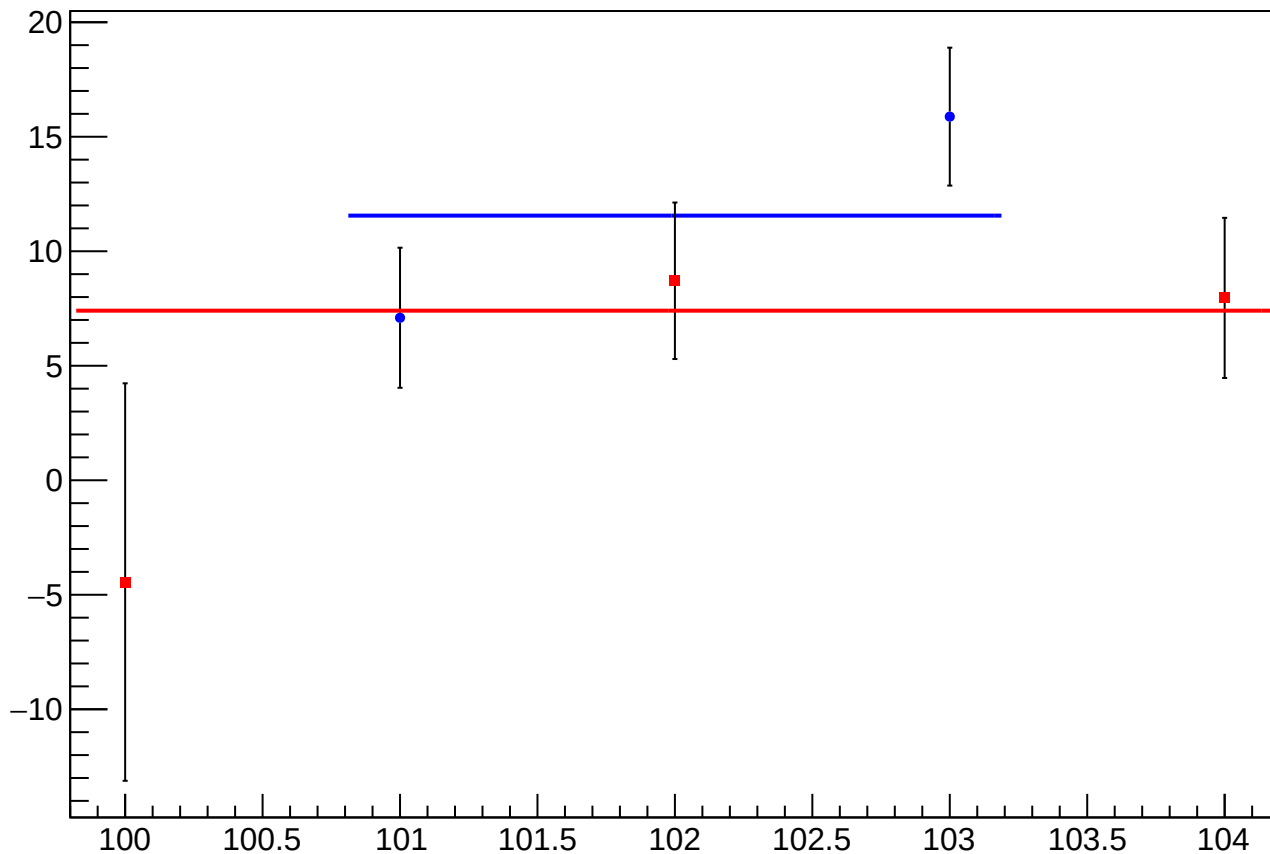
Right: 1762.830 $\pm$ 0.789 χ^2 /NDF: 11901.0/4

In: 1797.812 $\pm$ 1.133 χ^2 /NDF: 4360.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1762.830 $\pm$ 0.789 χ^2 /NDF: 11901.0/4

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: 7.406 $\pm$ 2.352 χ^2 /NDF: 2.0/2

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

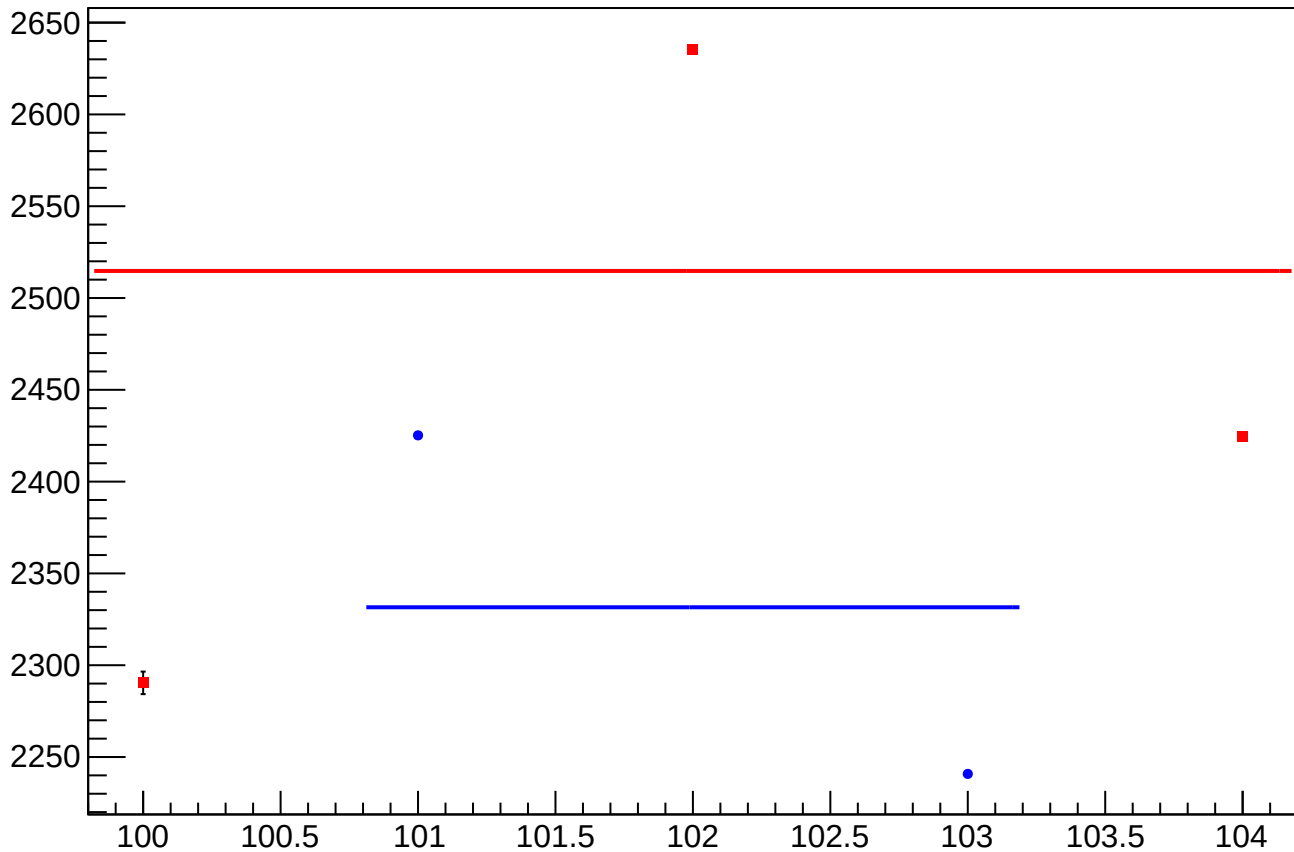
Right: 9.671 $\pm$ 1.585 χ^2 /NDF: 7.9/4

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: 9.671 $\pm$ 1.585 χ^2 /NDF: 7.9/4

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2331.559+/-1.517 χ^2/NDF : 3690.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2514.744+/-1.663 χ^2/NDF : 5168.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

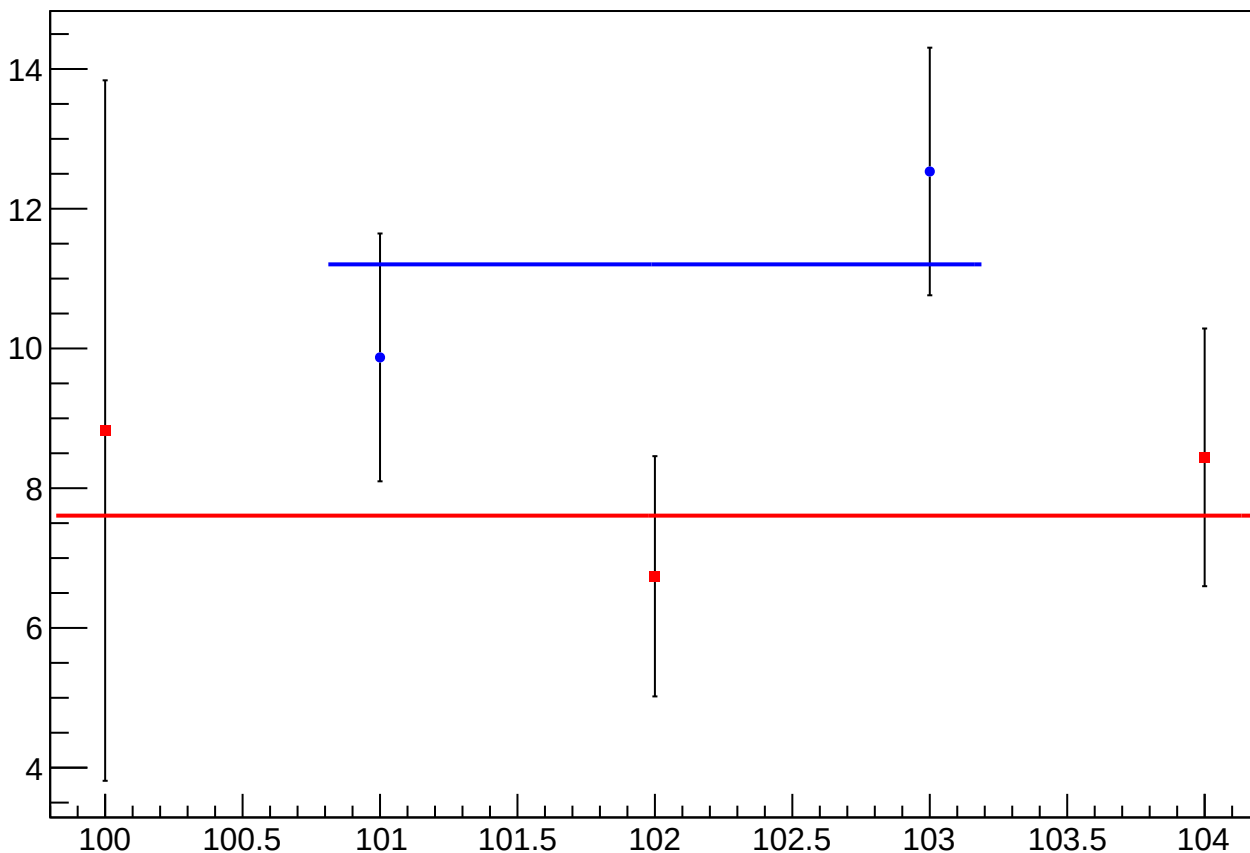
Right: 2414.772+/-1.121 χ^2/NDF : 15479.8/4

In: 2331.559+/-1.517 χ^2/NDF : 3690.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2414.772+/-1.121 χ^2/NDF : 15479.8/4

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: 7.607 $\pm$ 1.220 χ^2 /NDF: 0.5/2

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

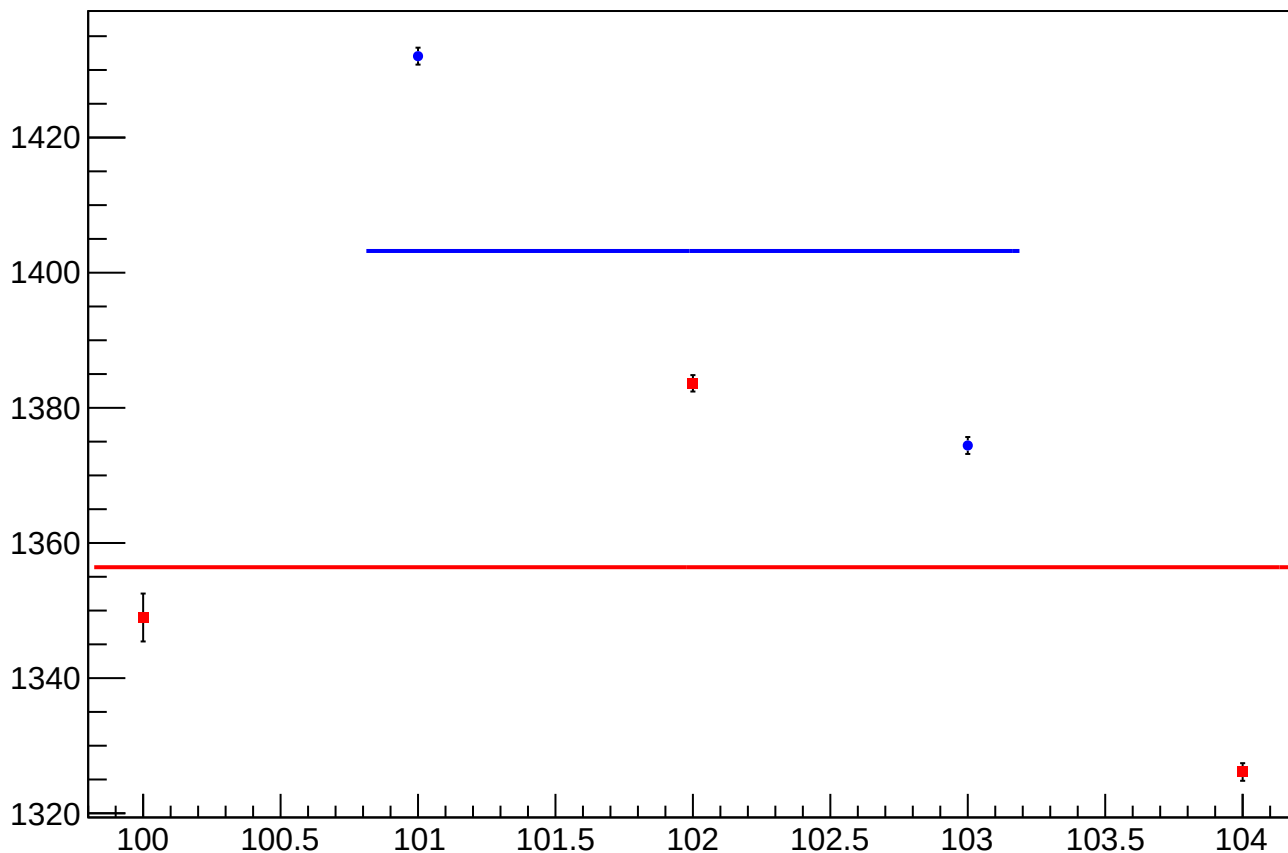
Right: 9.356 $\pm$ 0.874 χ^2 /NDF: 5.9/4

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: 9.356 $\pm$ 0.874 χ^2 /NDF: 5.9/4

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1403.214 ± 0.886 $\chi^2/\text{NDF}: 1056.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1356.415 ± 0.863 $\chi^2/\text{NDF}: 1045.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

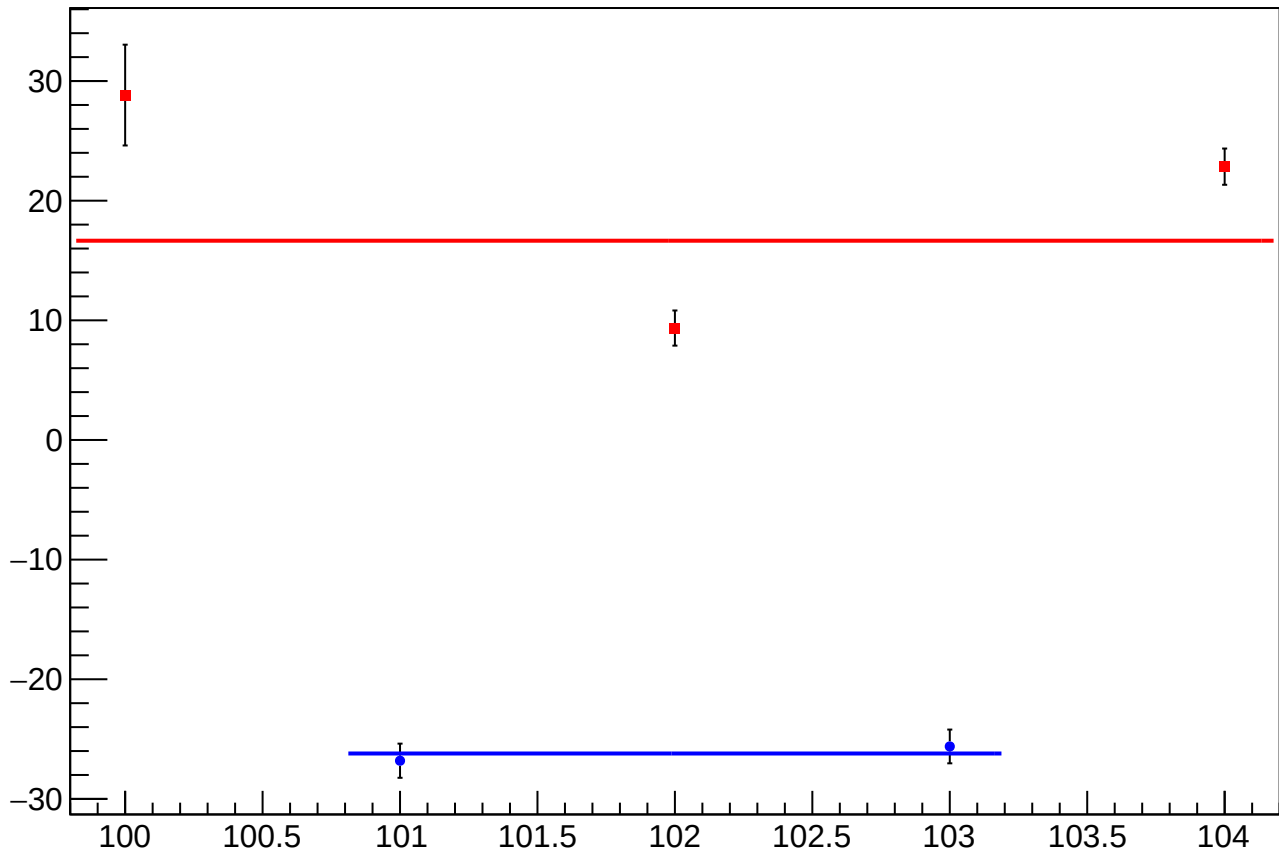
Right: 1379.176 ± 0.618 $\chi^2/\text{NDF}: 3533.6/4$

In: 1403.214 ± 0.886 $\chi^2/\text{NDF}: 1056.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1379.176 ± 0.618 $\chi^2/\text{NDF}: 3533.6/4$

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: 16.654 $\pm$ 1.023 χ^2 /NDF: 49.8/2

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

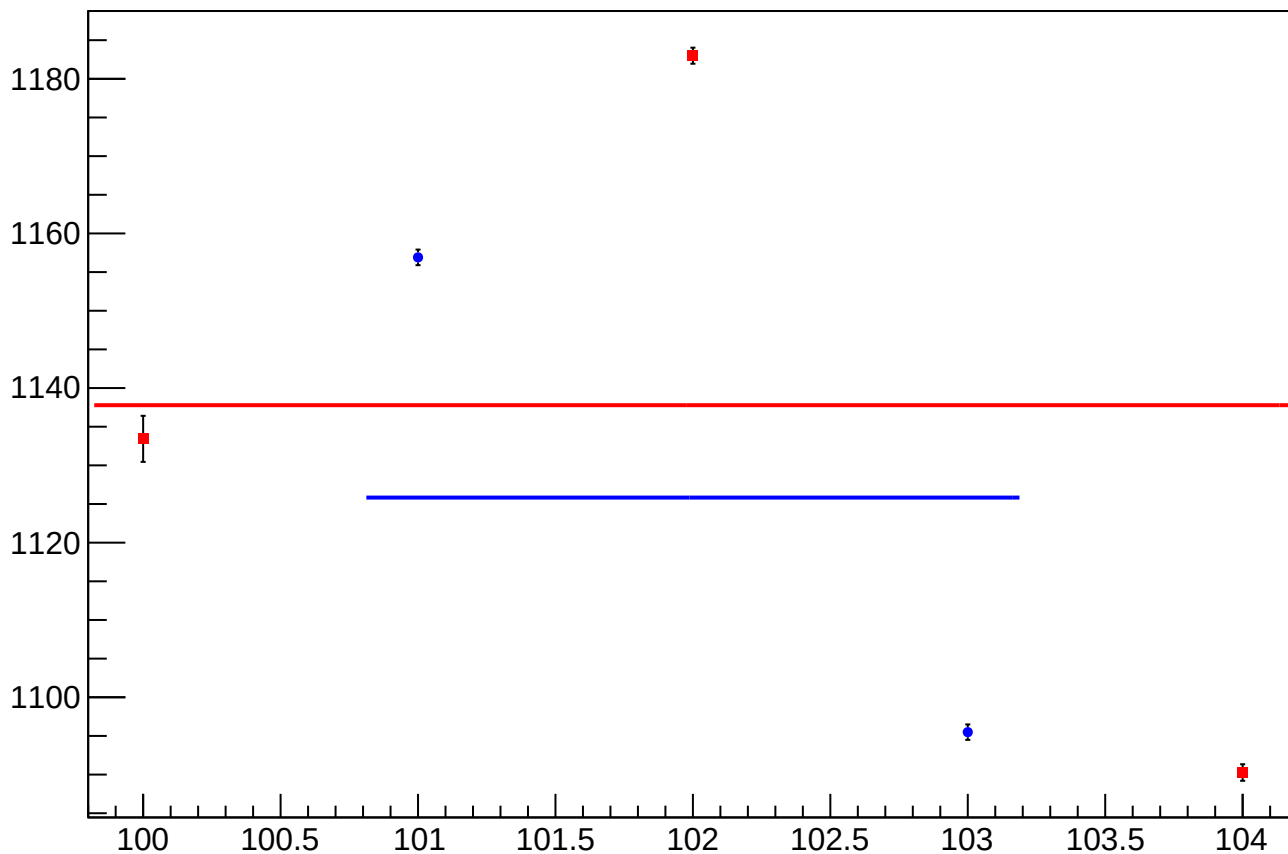
Right: -5.188 $\pm$ 0.716 χ^2 /NDF: 944.8/4

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: -5.188 $\pm$ 0.716 χ^2 /NDF: 944.8/4

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1125.832 $\pm$ 0.710 χ^2 /NDF: 1872.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1137.782 $\pm$ 0.723 χ^2 /NDF: 3865.1/2

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

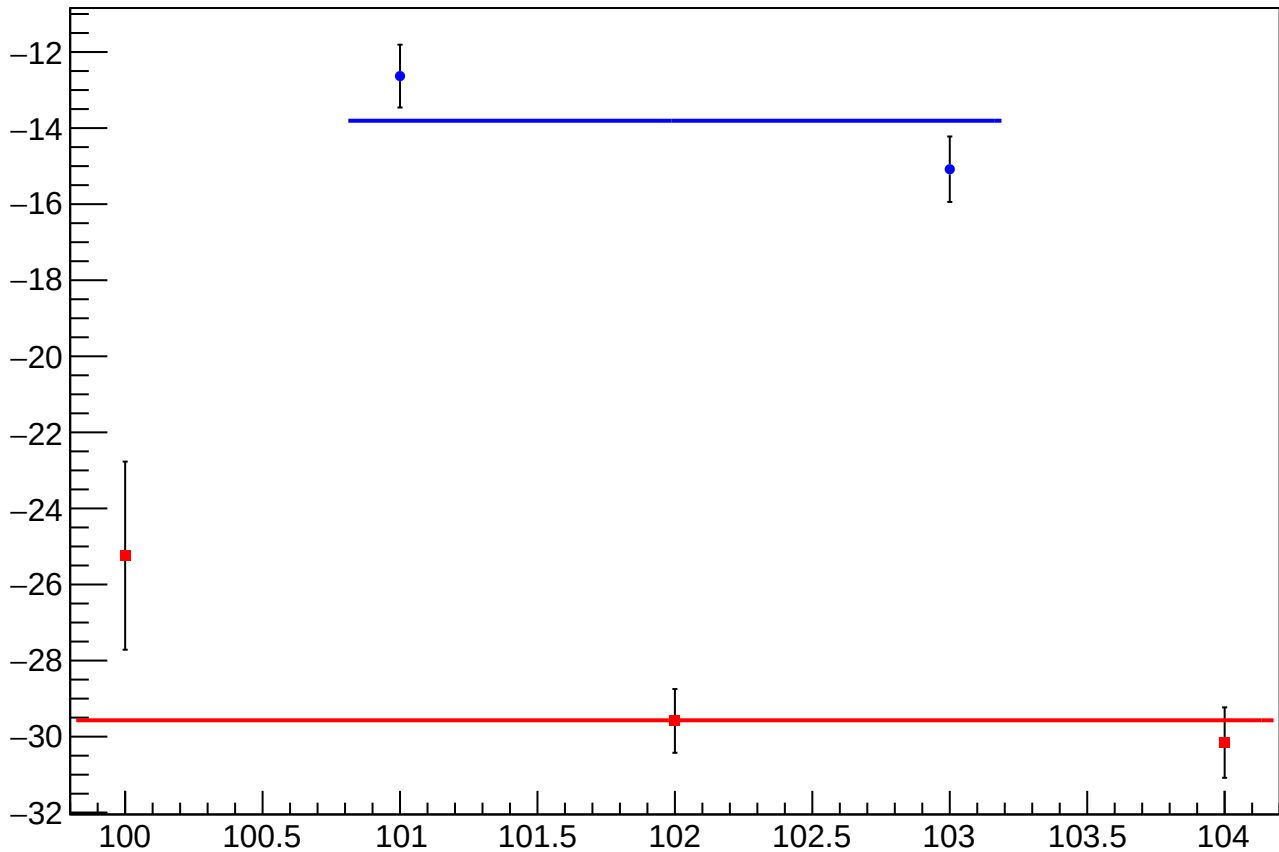
Right: 1131.692 $\pm$ 0.507 χ^2 /NDF: 5877.1/4

In: 1125.832 $\pm$ 0.710 χ^2 /NDF:1872.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1131.692 $\pm$ 0.507 χ^2 /NDF: 5877.1/4

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: -29.570 $\pm$ 0.603 χ^2 /NDF: 3.5/2

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

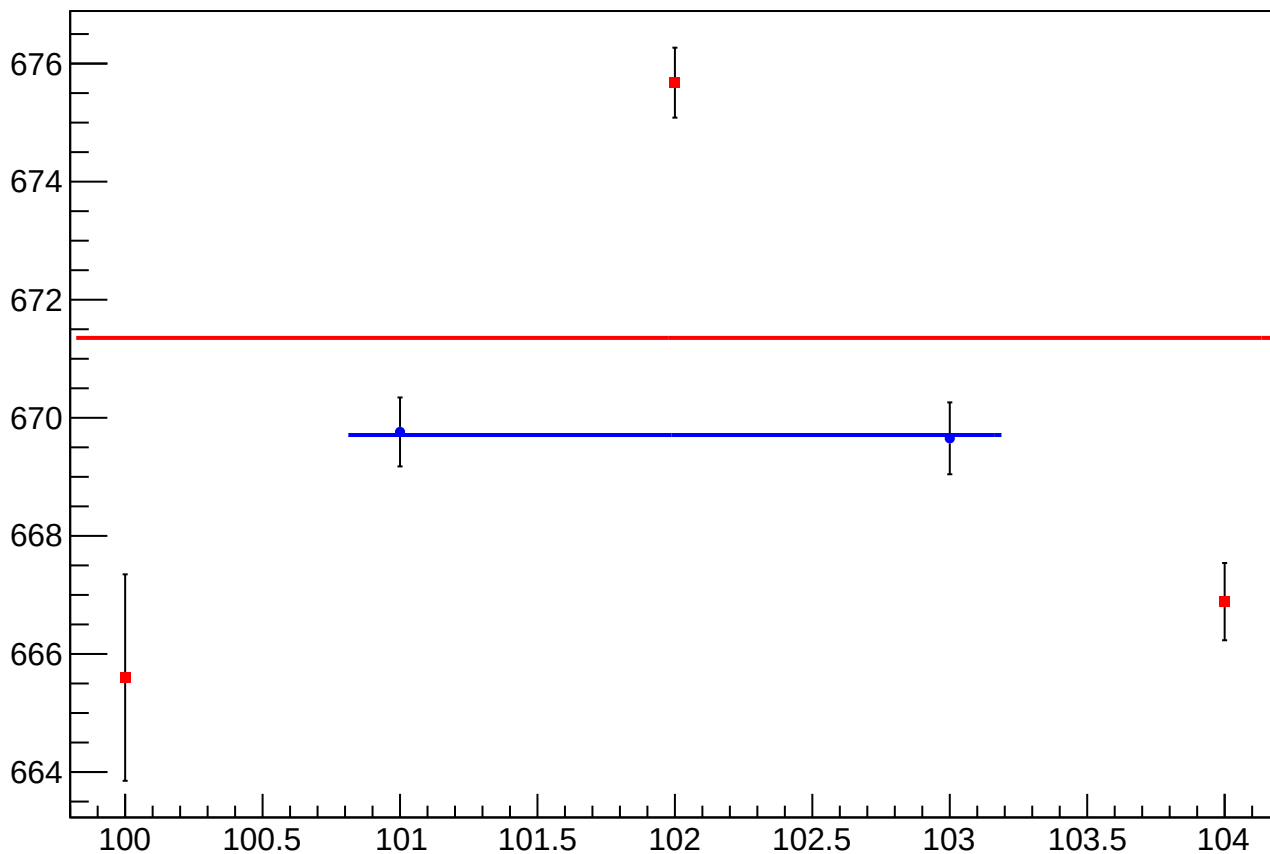
Right: -21.601 $\pm$ 0.424 χ^2 /NDF: 353.7/4

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: -21.601 $\pm$ 0.424 χ^2 /NDF: 353.7/4

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: 671.354 $\pm$ 0.426 χ^2 /NDF: 110.6/2

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

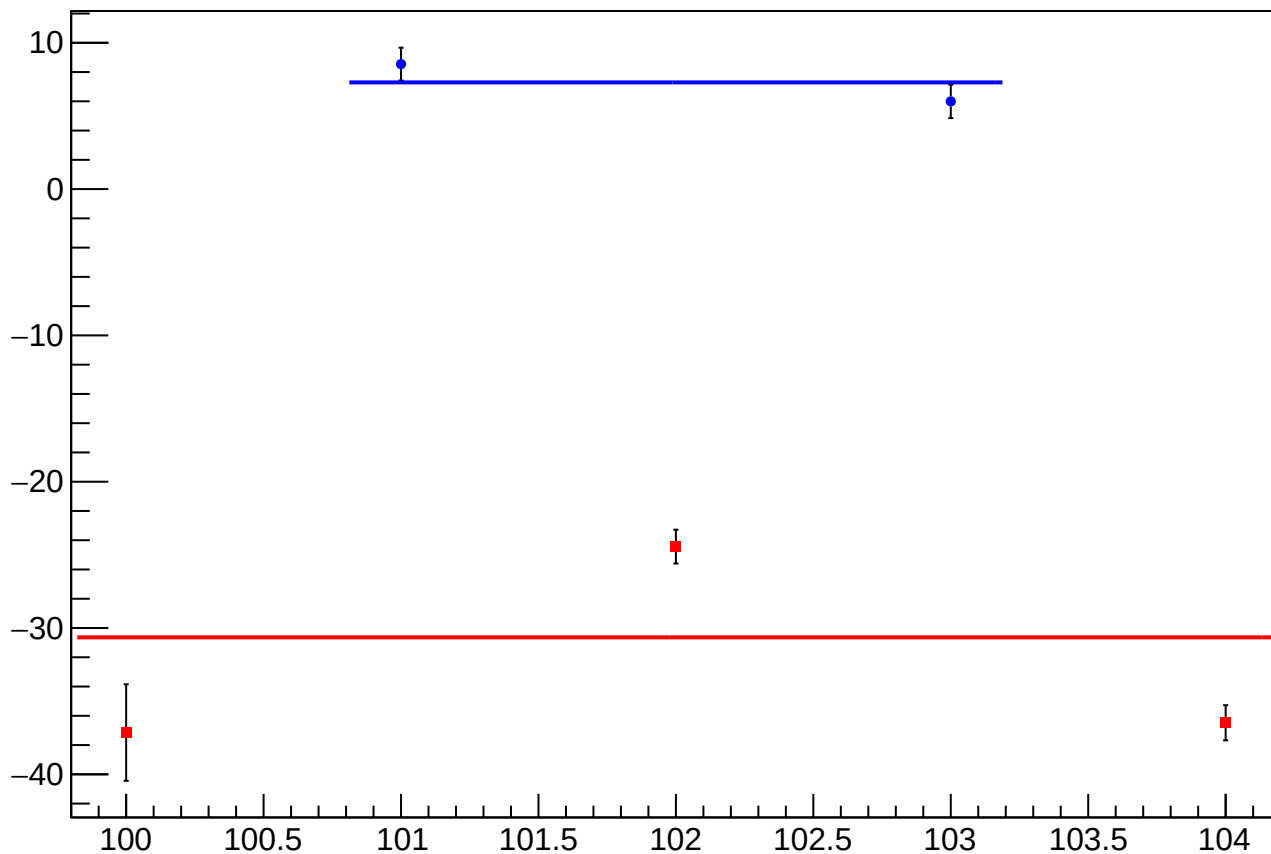
Right: 670.522 $\pm$ 0.300 χ^2 /NDF: 118.2/4

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: 670.522 $\pm$ 0.300 χ^2 /NDF: 118.2/4

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: -30.638+/-0.807 χ^2/NDF : 56.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

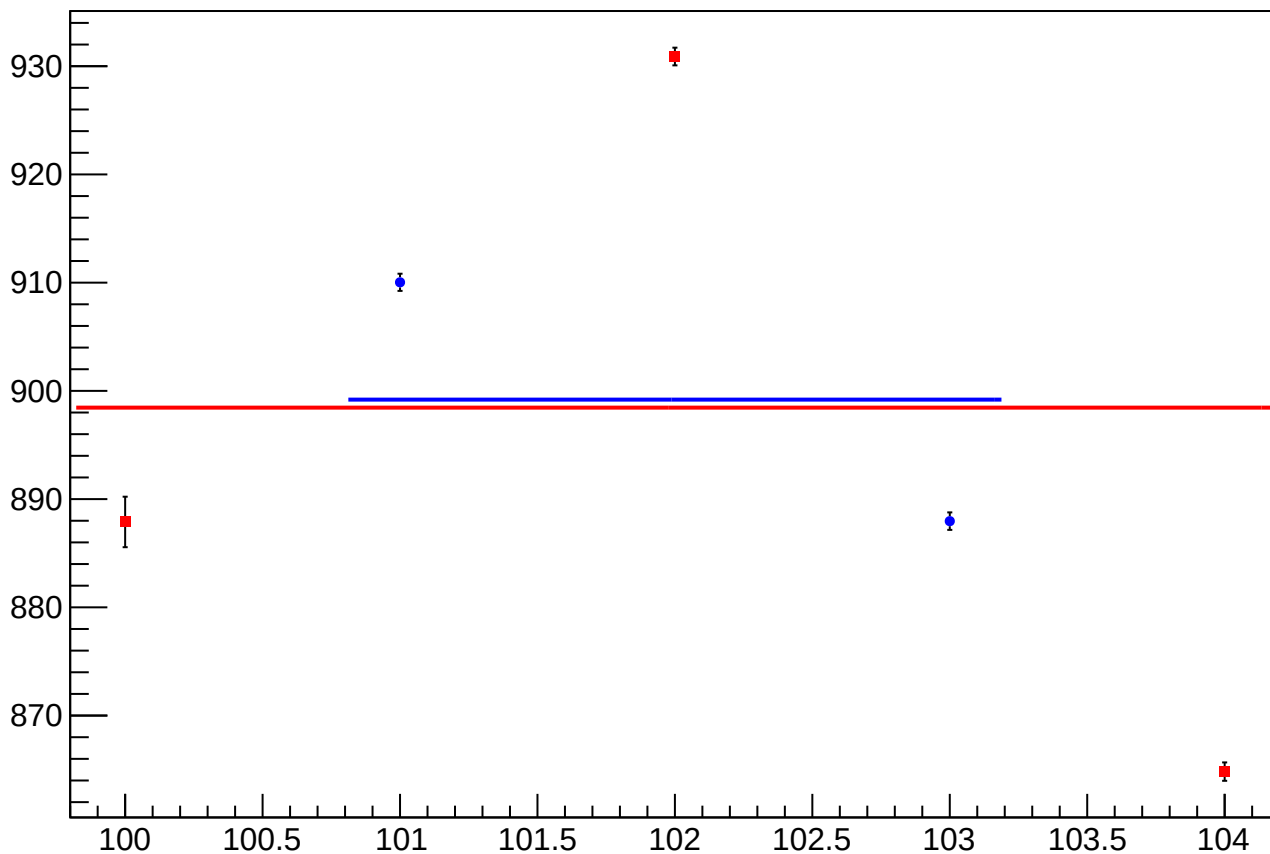
Right: -11.517+/-0.569 χ^2/NDF : 1171.5/4

In: 7.293+/-0.801 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.517+/-0.569 χ^2/NDF : 1171.5/4

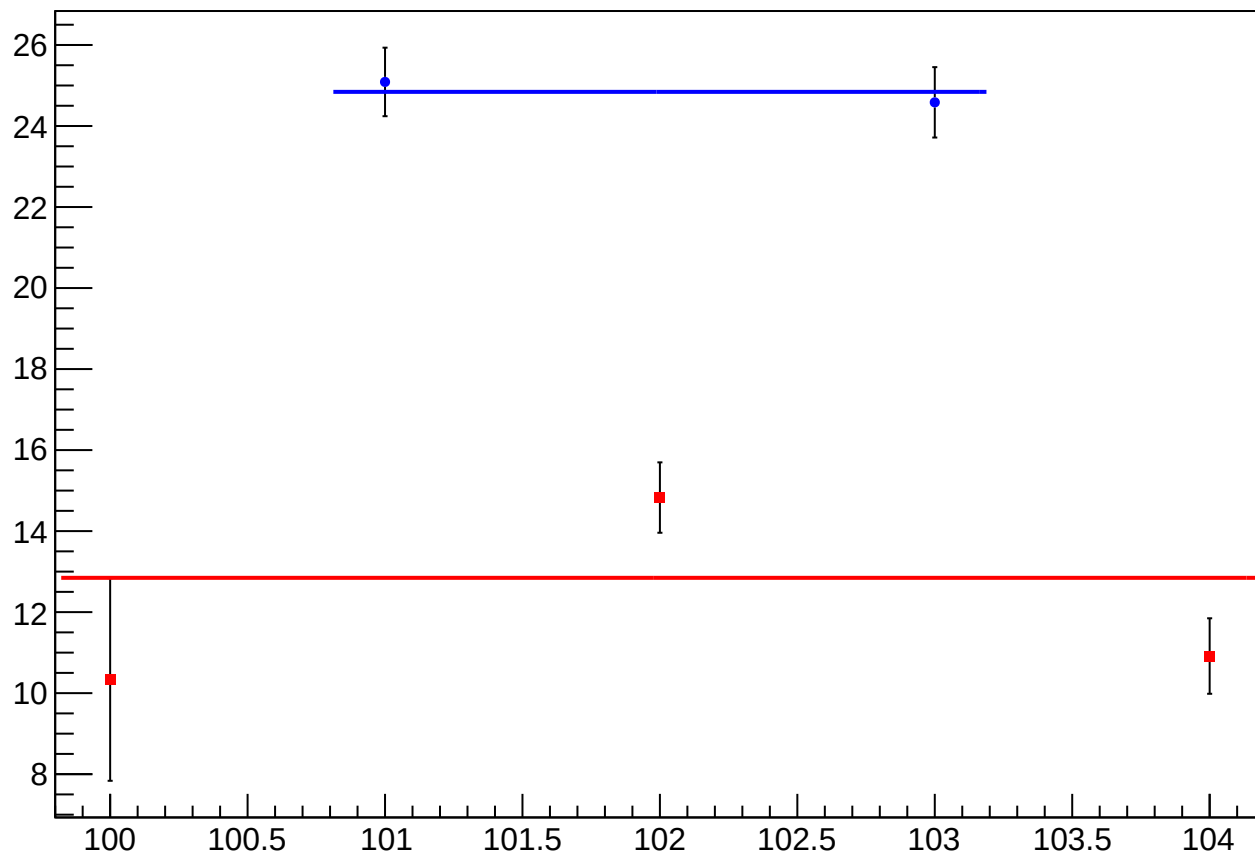
diff_bpm1i04X_rms vs Slug, Sign Corrected



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: 898.453+/-0.571 χ^2/NDF : 3165.1/2
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 898.826+/-0.402 χ^2/NDF : 3545.5/4
In: 899.193+/-0.566 χ^2/NDF : 379.6/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 898.826+/-0.402 χ^2/NDF : 3545.5/4

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 24.843 $\pm$ 0.606 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.847 $\pm$ 0.616 χ^2 /NDF: 10.5/2

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

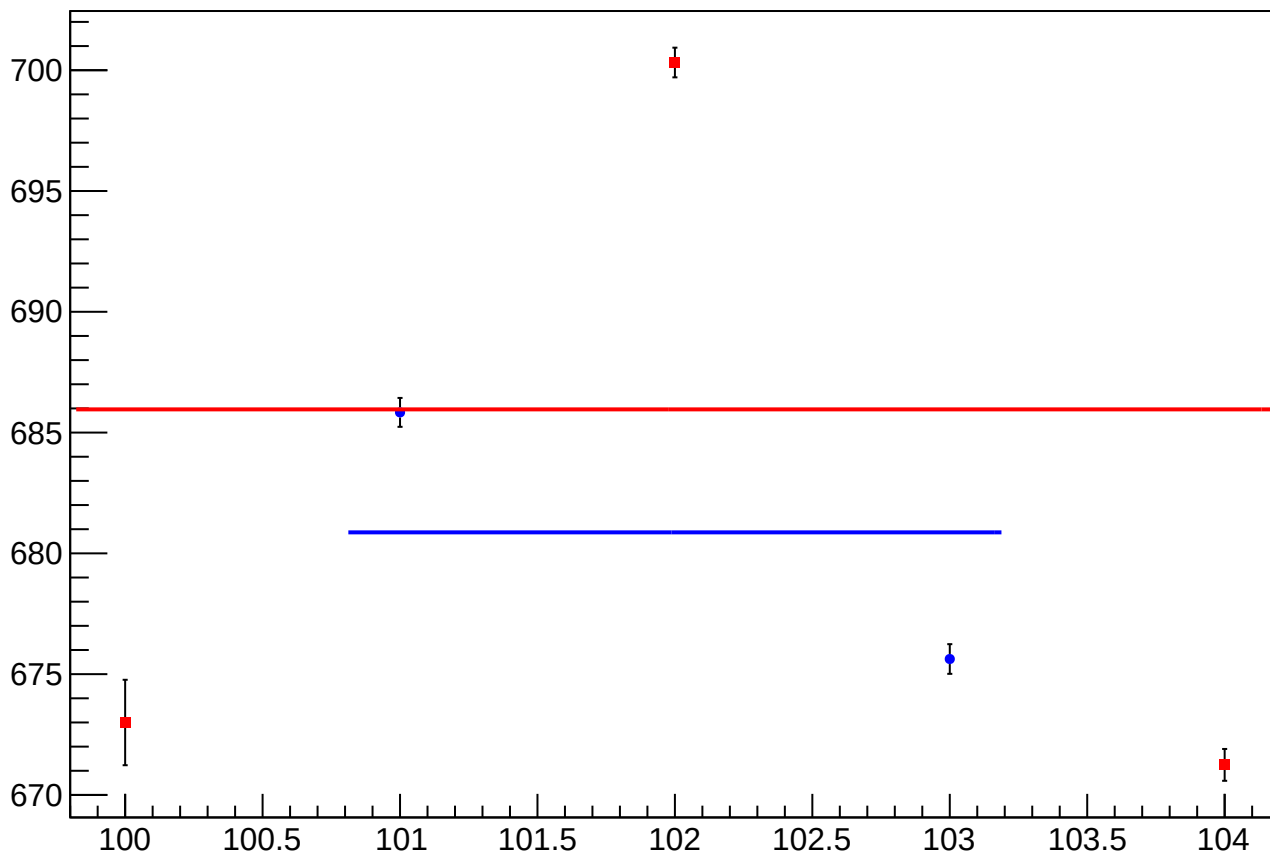
Right: 18.941 $\pm$ 0.432 χ^2 /NDF: 203.4/4

In: 24.843 $\pm$ 0.606 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.941 $\pm$ 0.432 χ^2 /NDF: 203.4/4

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 680.869 $\pm$ 0.429 χ^2 /NDF: 141.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 685.960 $\pm$ 0.436 χ^2 /NDF: 1098.8/2

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

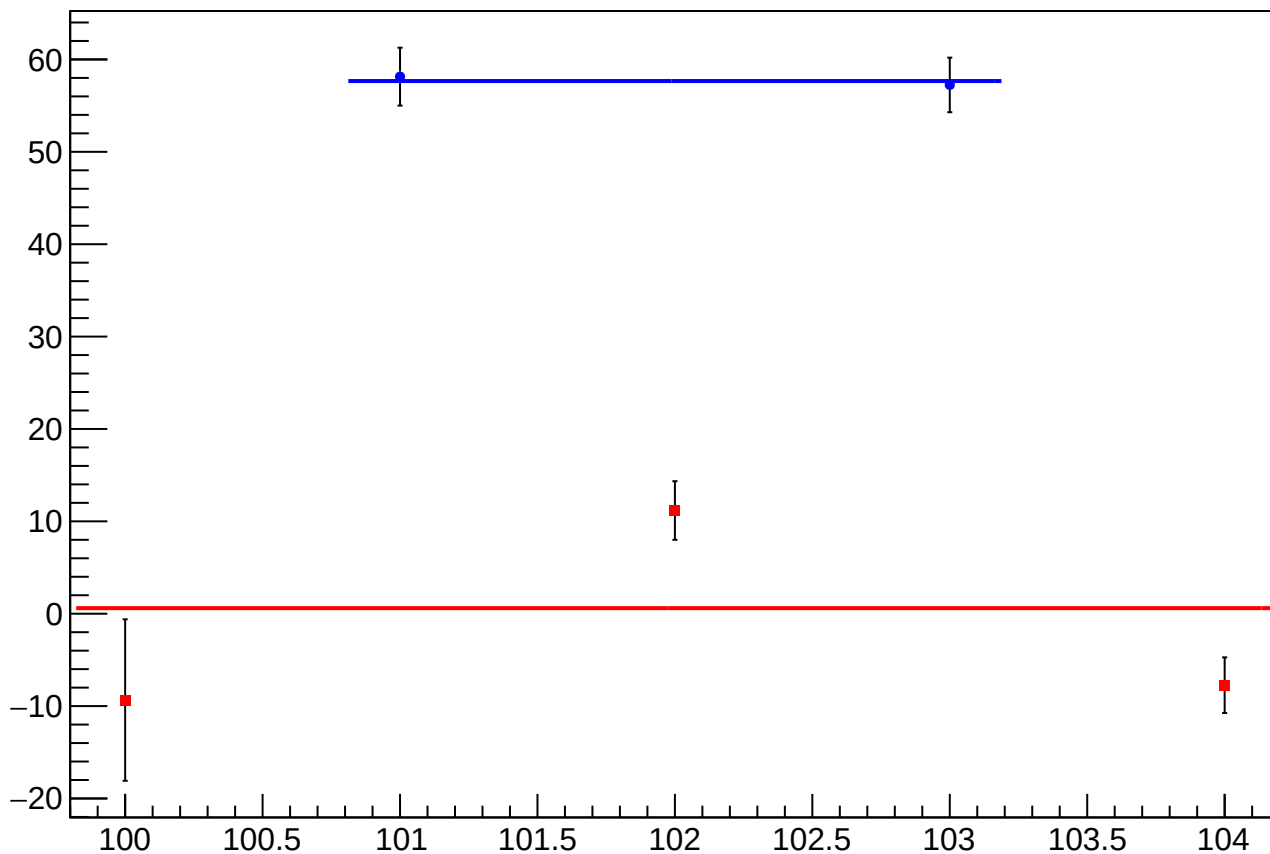
Right: 683.374 $\pm$ 0.305 χ^2 /NDF: 1309.9/4

In: 680.869 $\pm$ 0.429 χ^2 /NDF: 141.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 683.374 $\pm$ 0.305 χ^2 /NDF: 1309.9/4

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: 0.603 $\pm$ 2.120 χ^2 /NDF: 20.1/2

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

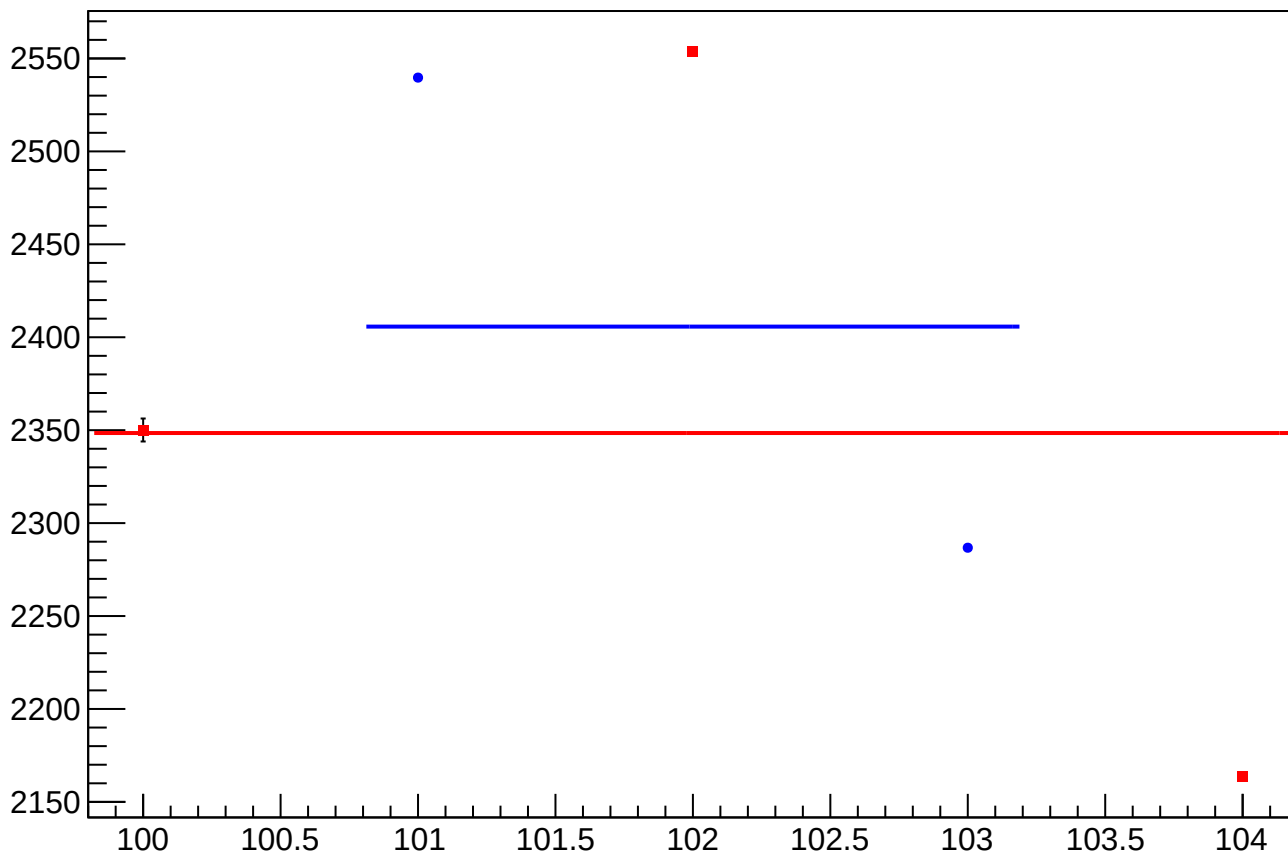
Right: 28.722 $\pm$ 1.510 χ^2 /NDF: 377.2/4

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: 28.722 $\pm$ 1.510 χ^2 /NDF: 377.2/4

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: 2348.467+/-1.499 χ^2/NDF : 15893.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

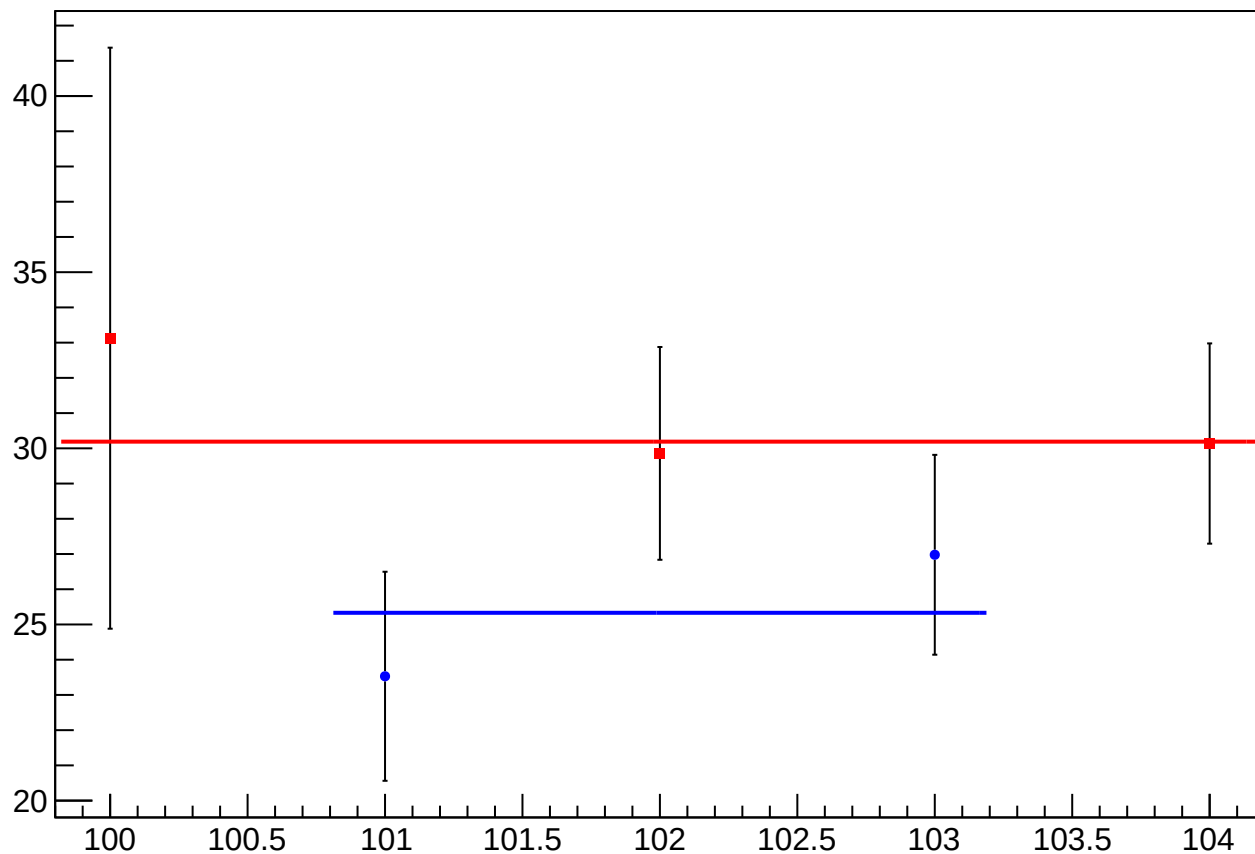
Right: 2376.686+/-1.067 χ^2/NDF : 23506.0/4

In: 2405.730+/-1.521 χ^2/NDF : 6893.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2376.686+/-1.067 χ^2/NDF : 23506.0/4

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: 30.190 $\pm$ 2.008 χ^2 /NDF: 0.1/2

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

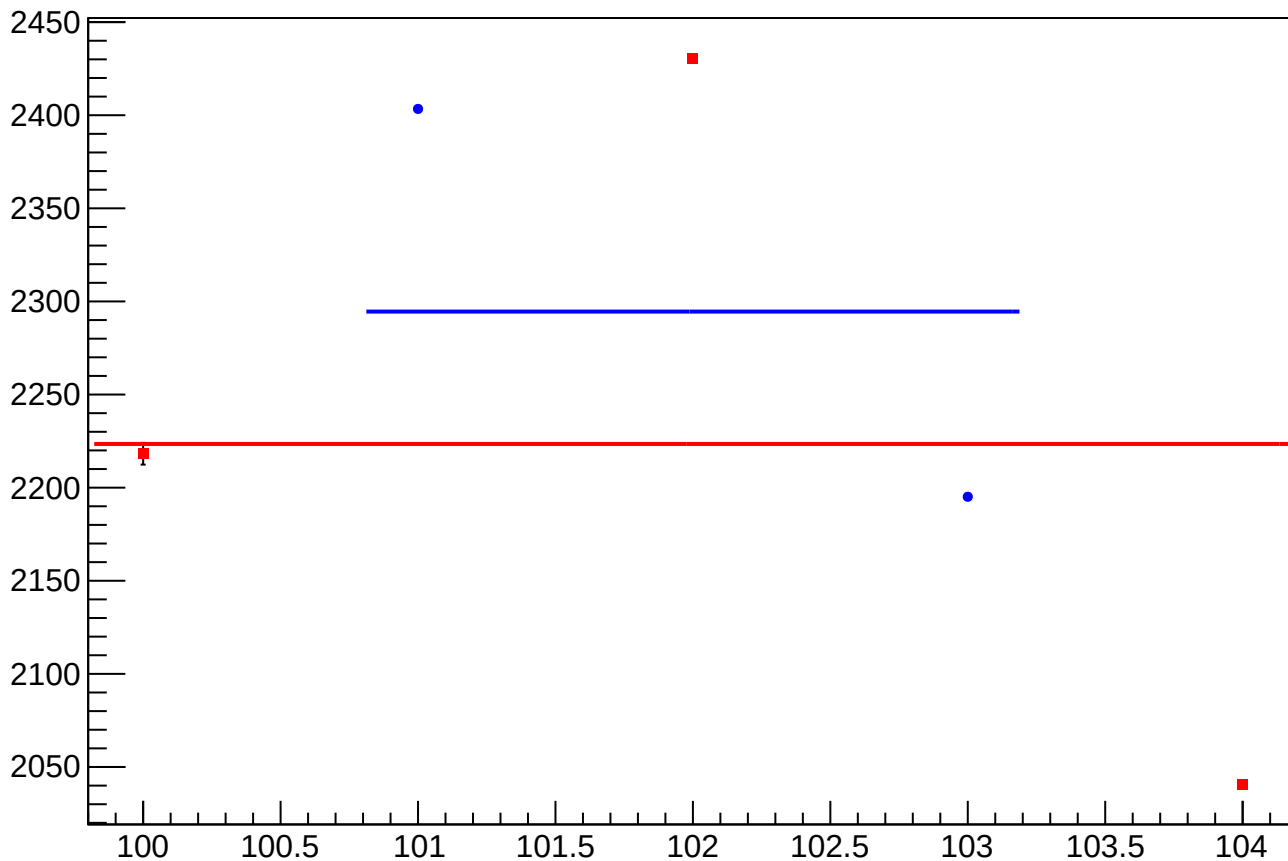
Right: 27.812 $\pm$ 1.434 χ^2 /NDF: 3.7/4

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: 27.812 $\pm$ 1.434 χ^2 /NDF: 3.7/4

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: 2223.467+/-1.420 χ^2/NDF : 17646.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

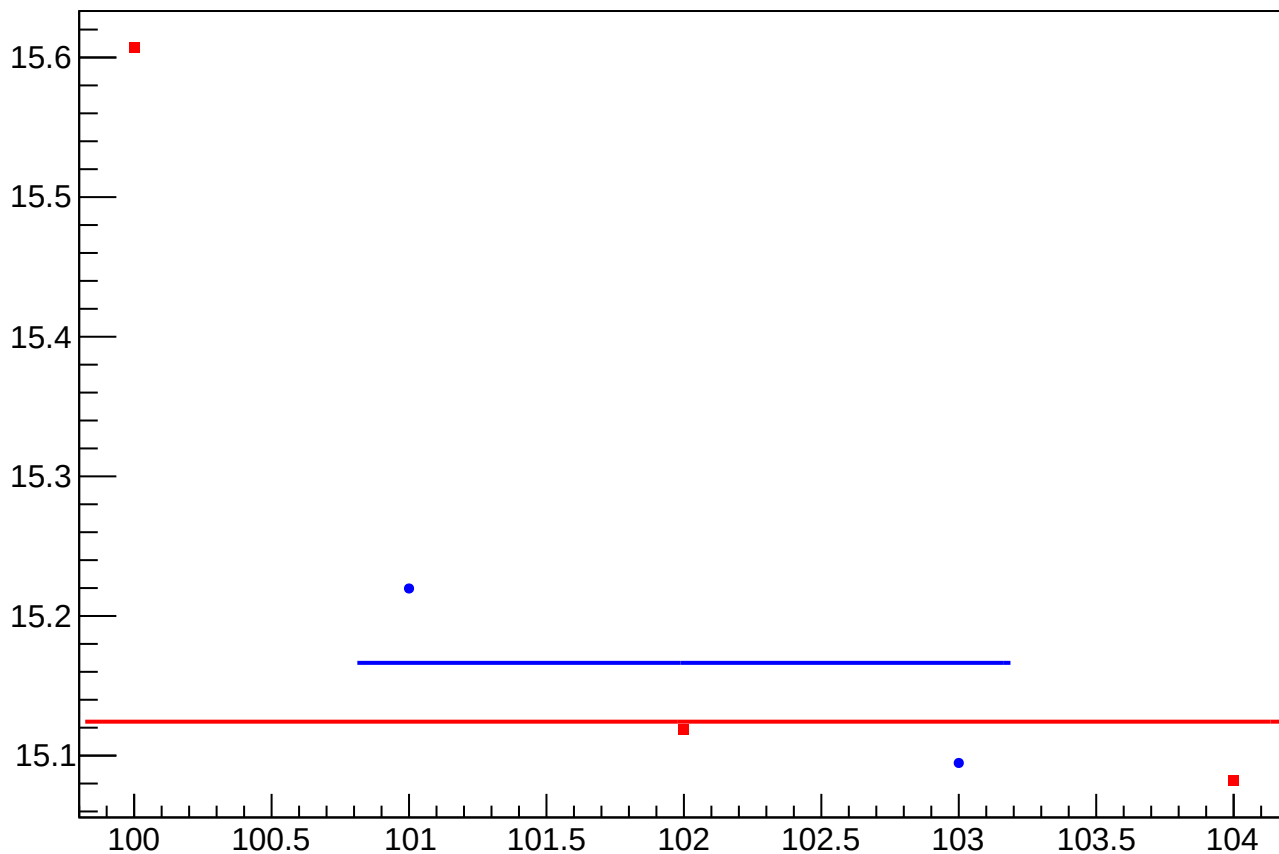
Right: 2258.263+/-1.014 χ^2/NDF : 24023.4/4

In: 2294.557+/-1.450 χ^2/NDF : 5149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2258.263+/-1.014 χ^2/NDF : 24023.4/4

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: 15.124+/-0.000 χ^2/NDF : 25161984.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

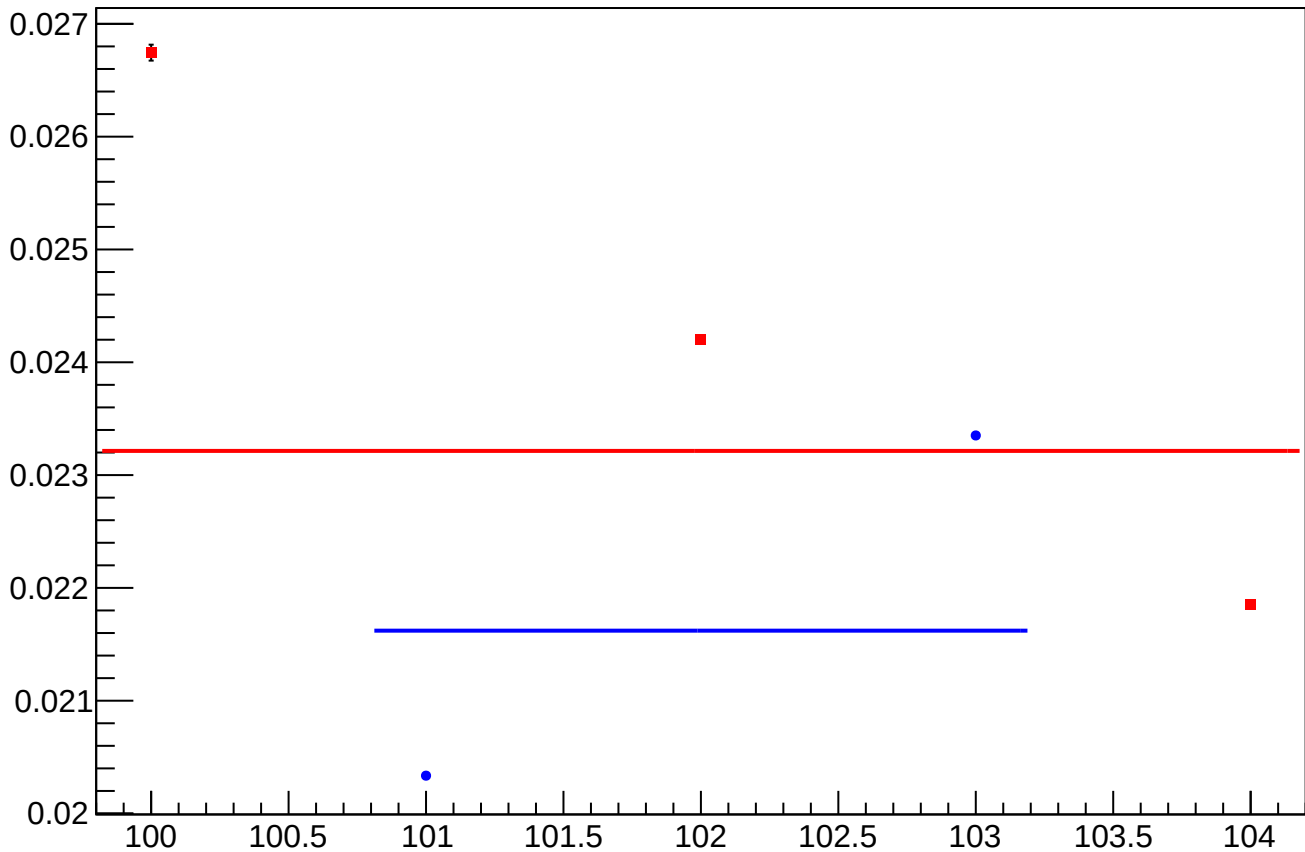
Right: 15.147+/-0.000 χ^2/NDF : 36528291.6/4

In: 15.166+/-0.000 χ^2/NDF : 9339226.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.147+/-0.000 χ^2/NDF : 36528291.6/4

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 : 8265.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

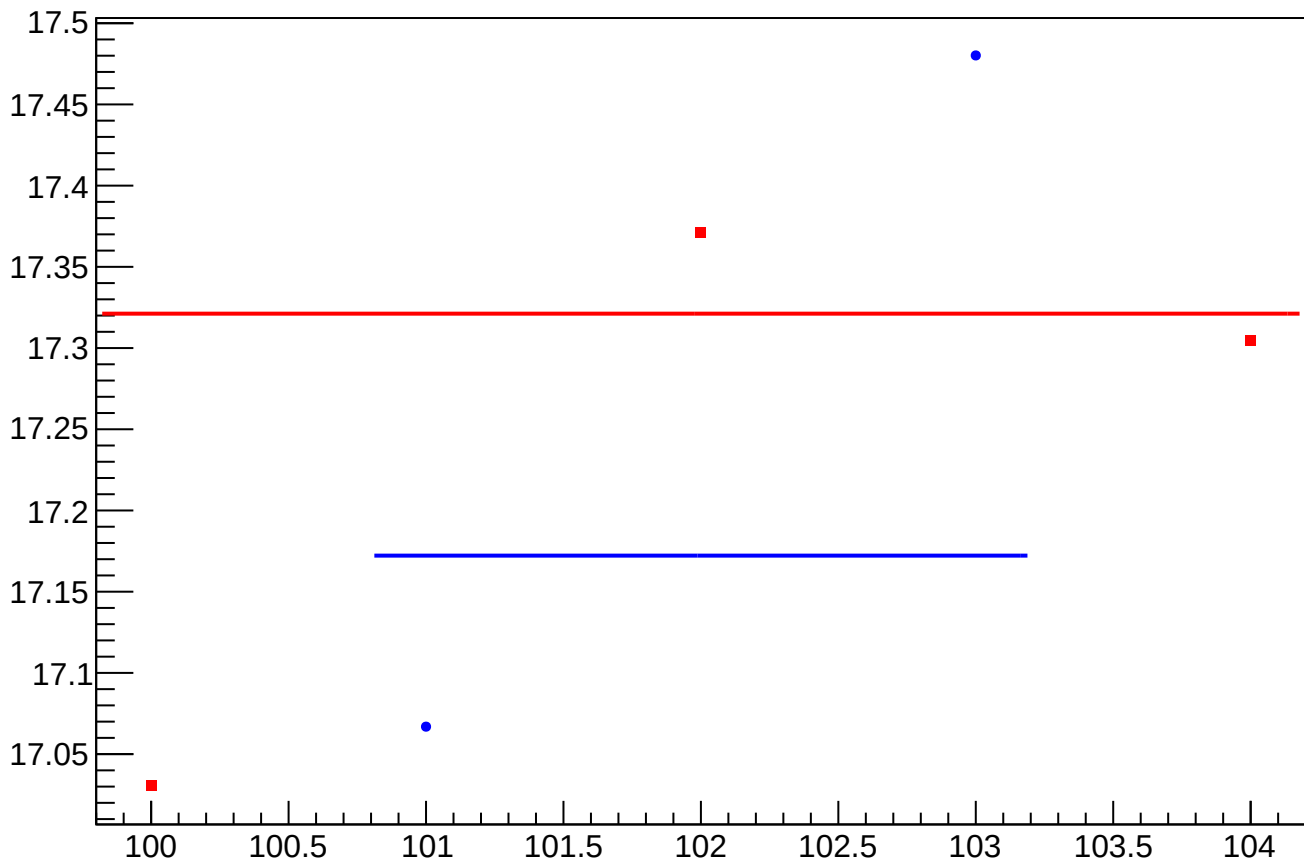
Right: 0.022+/-0.000 χ^2/NDF : 24944.6/4

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 : 24944.6/4

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: 17.321+/-0.000 χ^2/NDF : 58541.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

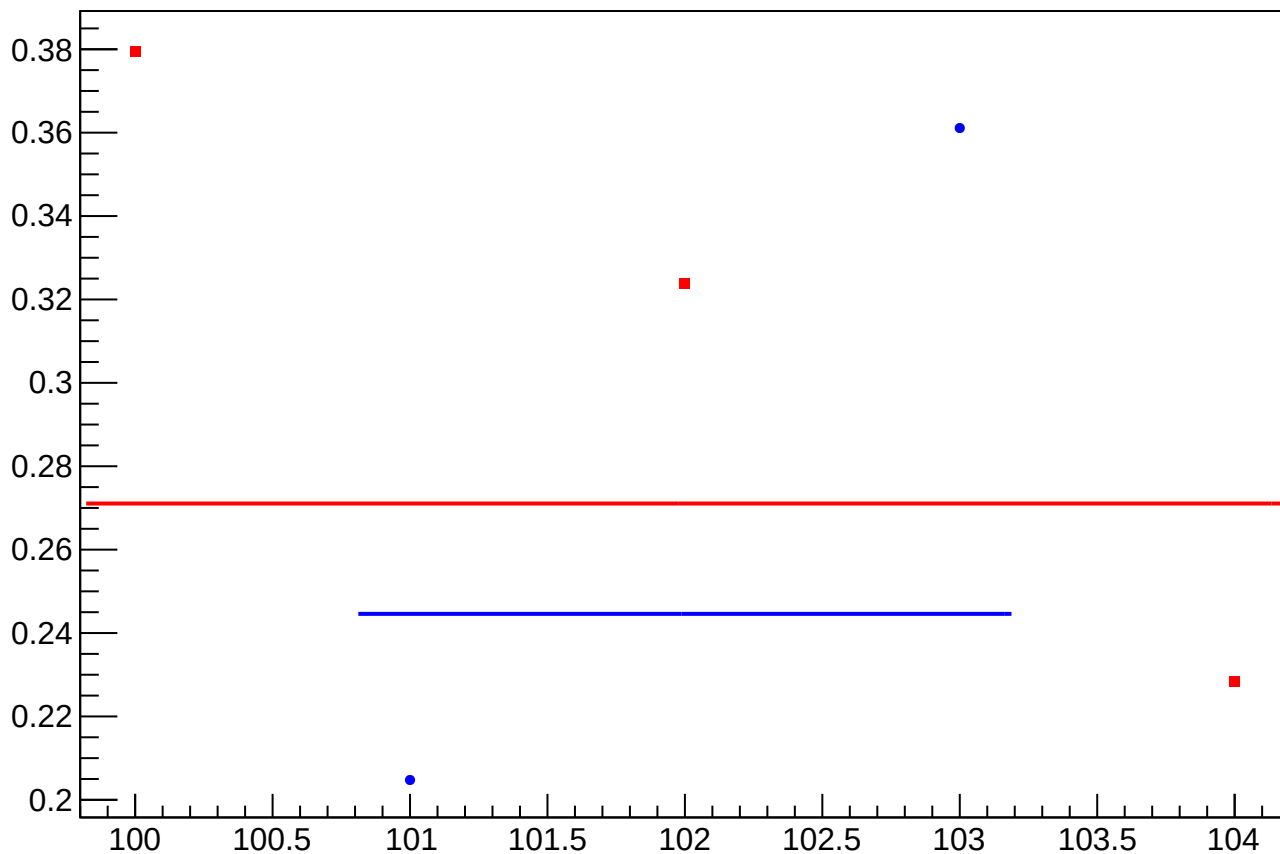
Right: 17.238+/-0.000 χ^2/NDF : 813877.8/4

In: 17.172+/-0.000 χ^2/NDF : 579934.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.238+/-0.000 χ^2/NDF : 813877.8/4

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: 0.271+/-0.000 χ^2/NDF : 72266.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

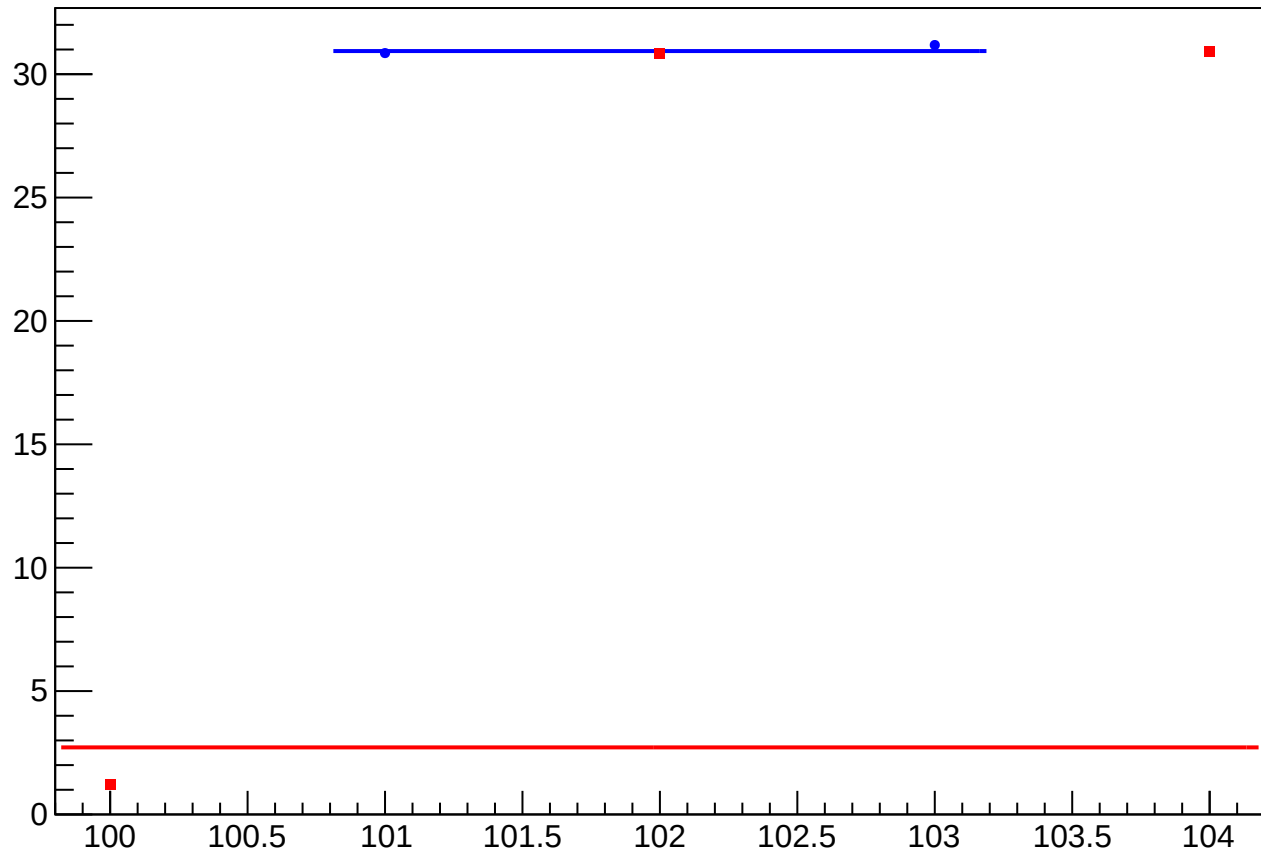
Right: 0.256+/-0.000 χ^2/NDF : 249364.6/4

In: 0.245+/-0.000 χ^2/NDF : 166029.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.256+/-0.000 χ^2/NDF : 249364.6/4

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: 2.718+/-0.000 χ^2/NDF : 17663229480.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

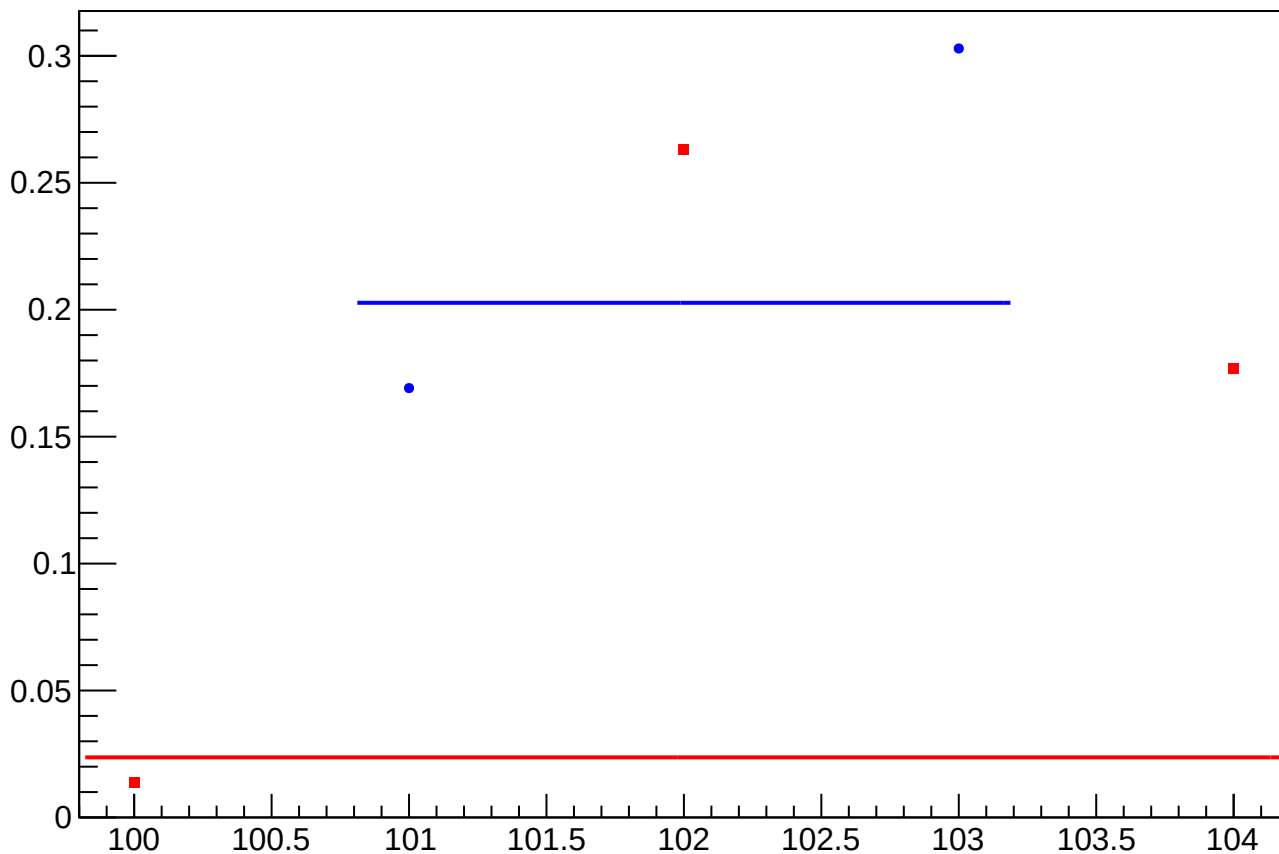
Right: 4.352+/-0.000 χ^2/NDF : 36640492944.6/4

In: 30.937+/-0.000 χ^2/NDF : 507211.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.352+/-0.000 χ^2/NDF : 36640492944.6/4

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: 0.024+/-0.000 χ^2/NDF : 1613339.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

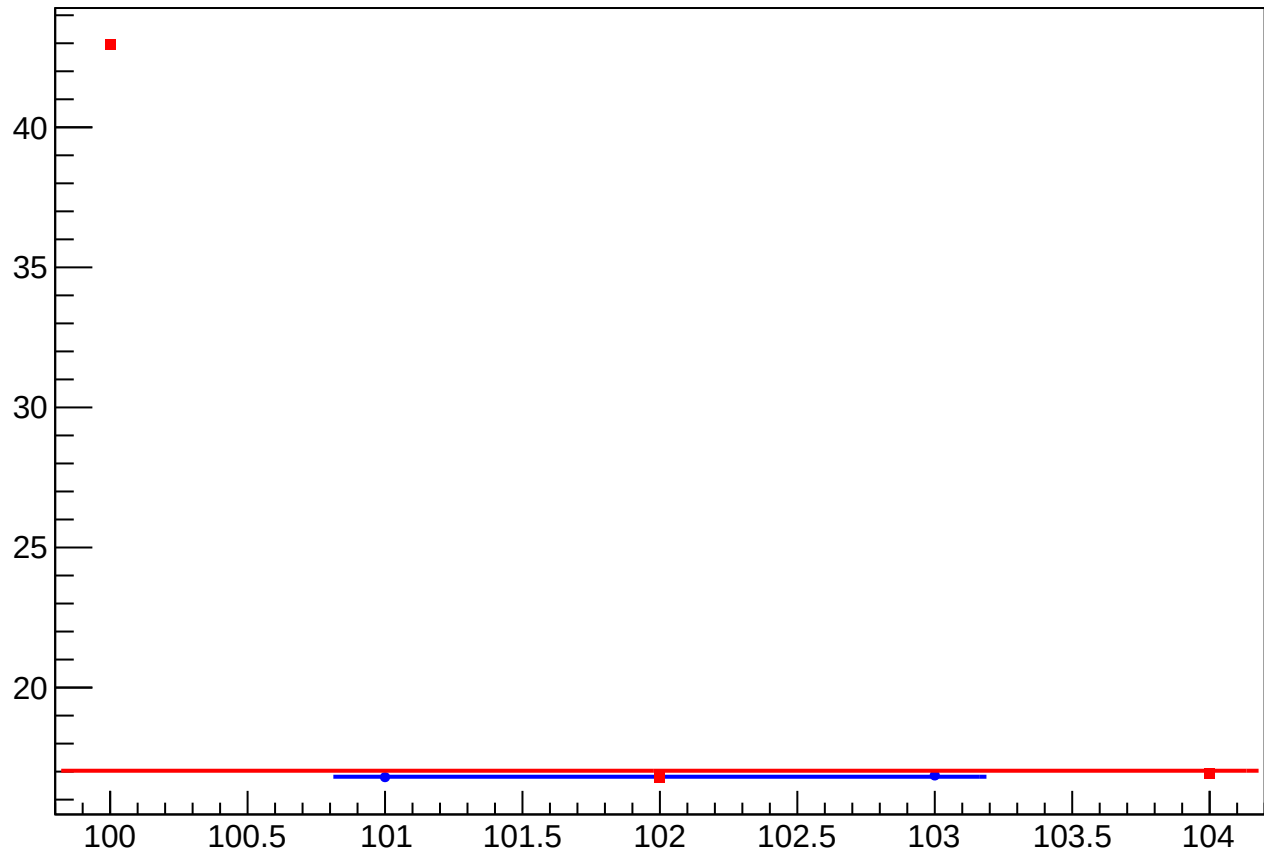
Right: 0.034+/-0.000 χ^2/NDF : 3311693.8/4

In: 0.203+/-0.000 χ^2/NDF : 170265.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.000 χ^2/NDF : 3311693.8/4

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: 17.031+/-0.000 χ^2/NDF : 246156697.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

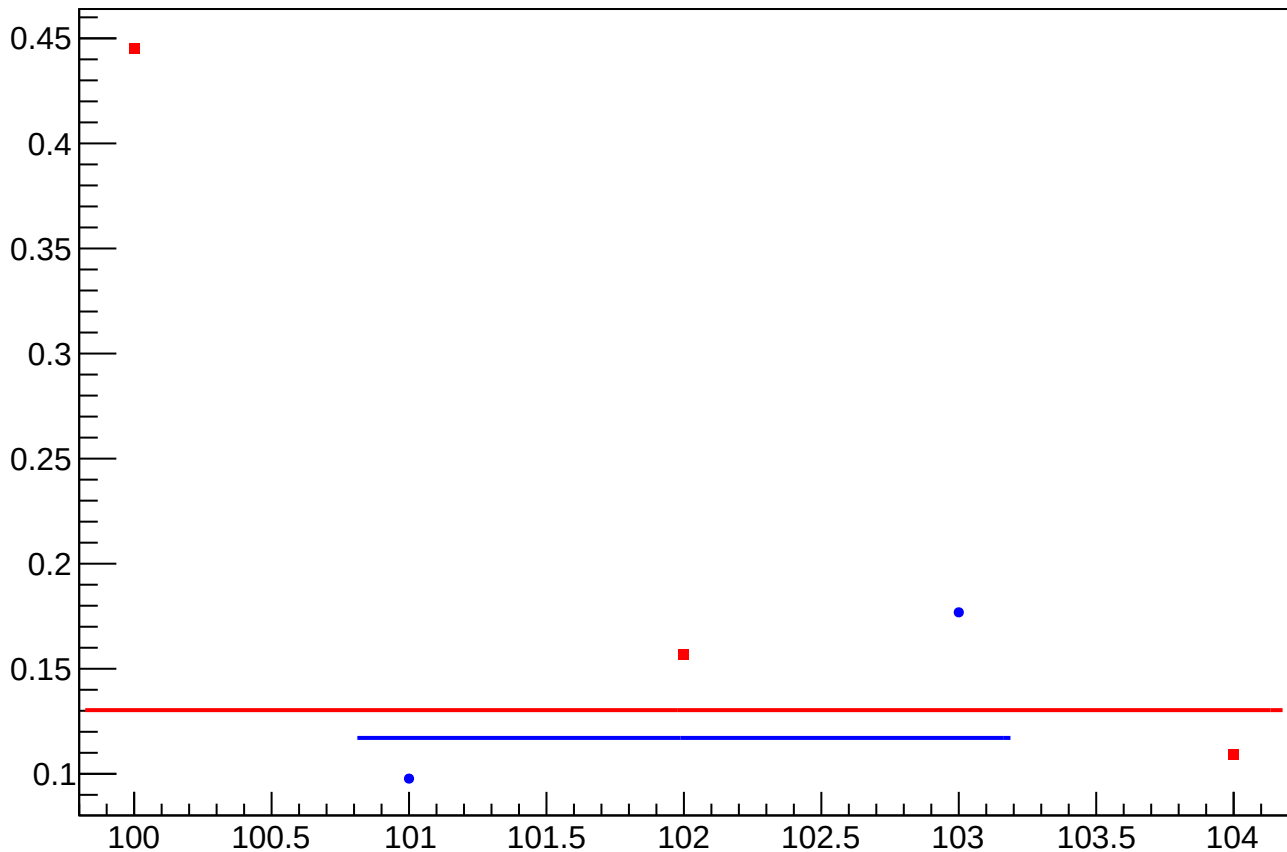
Right: 16.910+/-0.000 χ^2/NDF : 247736133.6/4

In: 16.817+/-0.000 χ^2/NDF : 51173.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.910+/-0.000 χ^2/NDF : 247736133.6/4

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: 0.130+/-0.000 χ^2/NDF : 136075.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

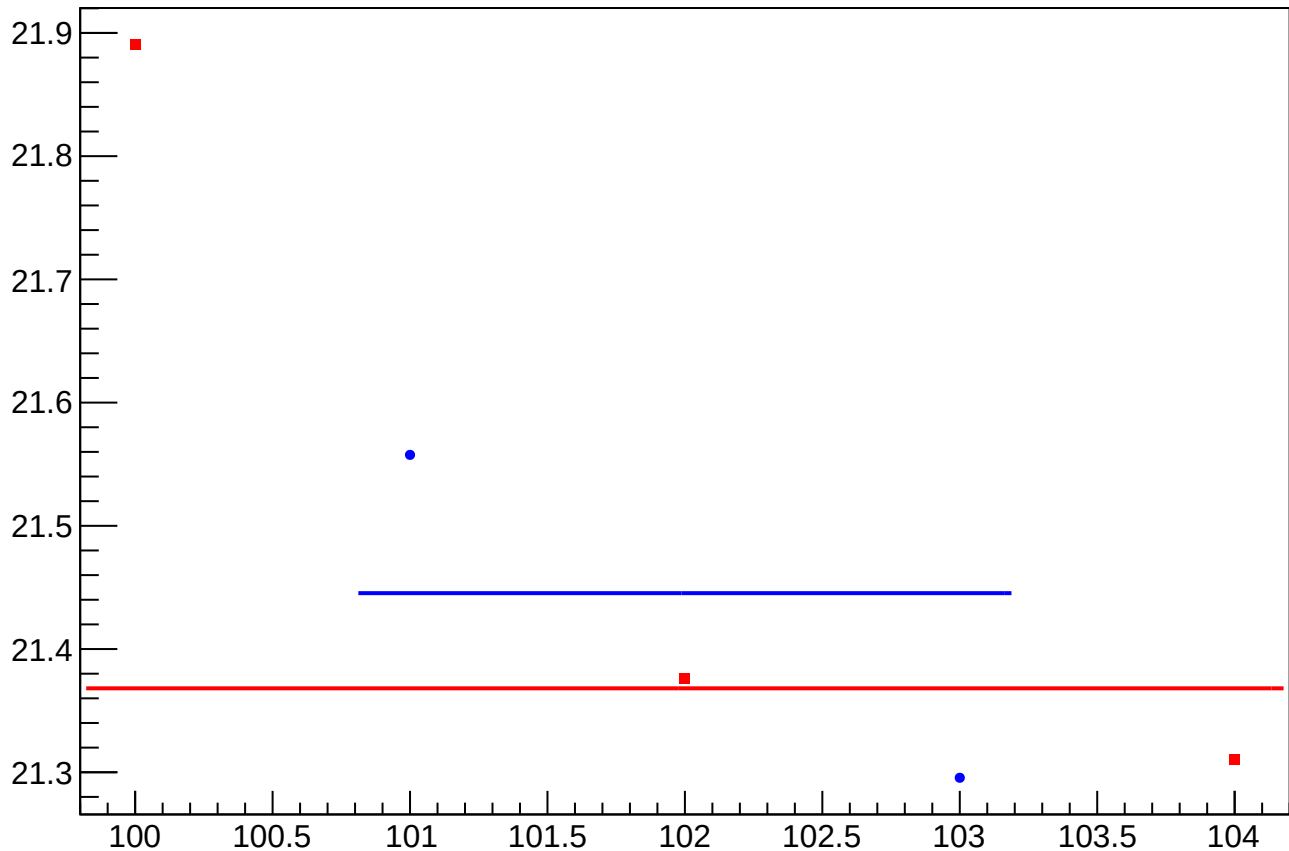
Right: 0.123+/-0.000 χ^2/NDF : 325060.7/4

In: 0.117+/-0.000 χ^2/NDF : 177348.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.123+/-0.000 χ^2/NDF : 325060.7/4

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: 21.368+/-0.000 χ^2/NDF : 24666209.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

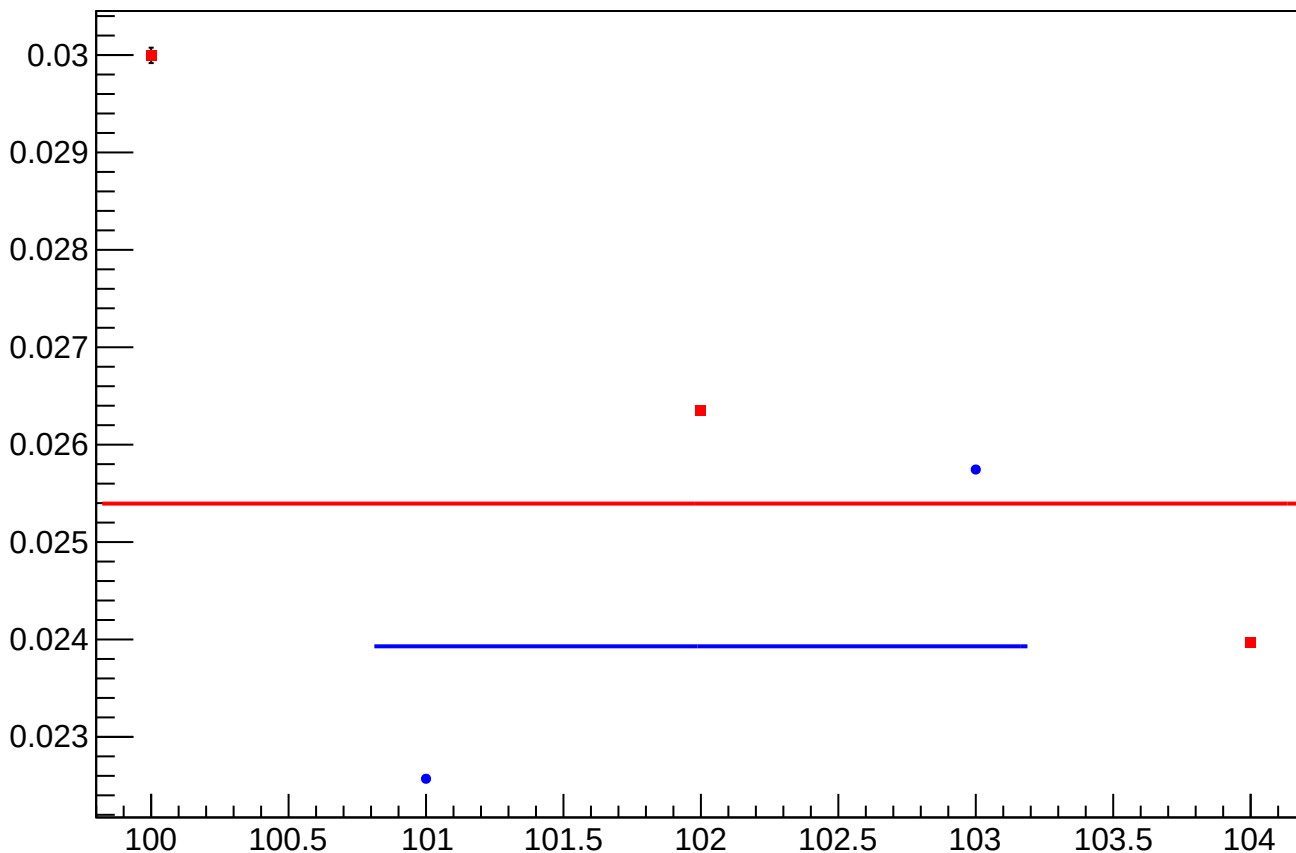
Right: 21.409+/-0.000 χ^2/NDF : 63825706.6/4

In: 21.445+/-0.000 χ^2/NDF : 33529749.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.409+/-0.000 χ^2/NDF : 63825706.6/4

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 : 8394.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

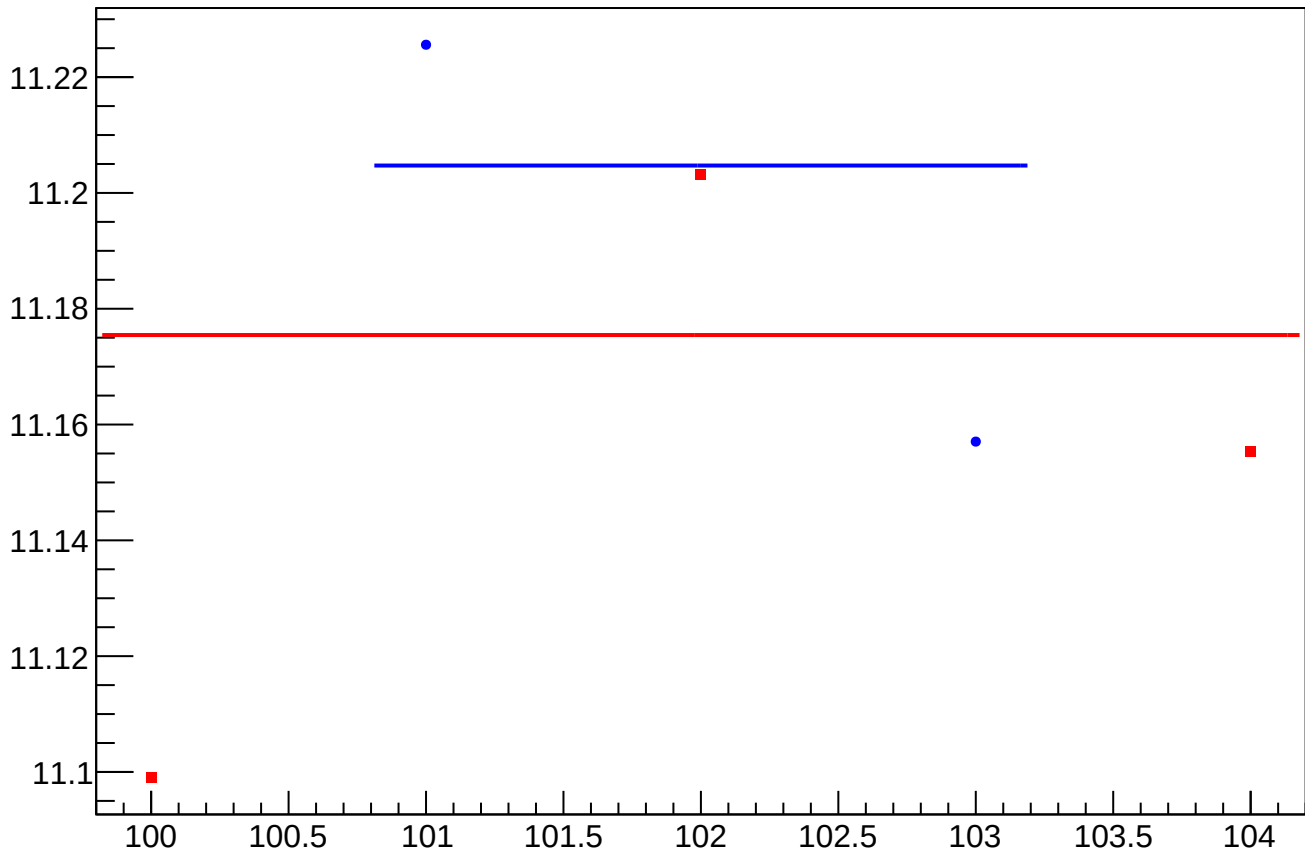
Right: 0.025+/-0.000 χ^2/NDF : 22290.3/4

In: 0.024+/-0.000 χ^2/NDF : 9843.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 22290.3/4

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.205+/-0.000 χ^2/NDF : 10313115.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.175+/-0.000 χ^2/NDF : 5715030.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

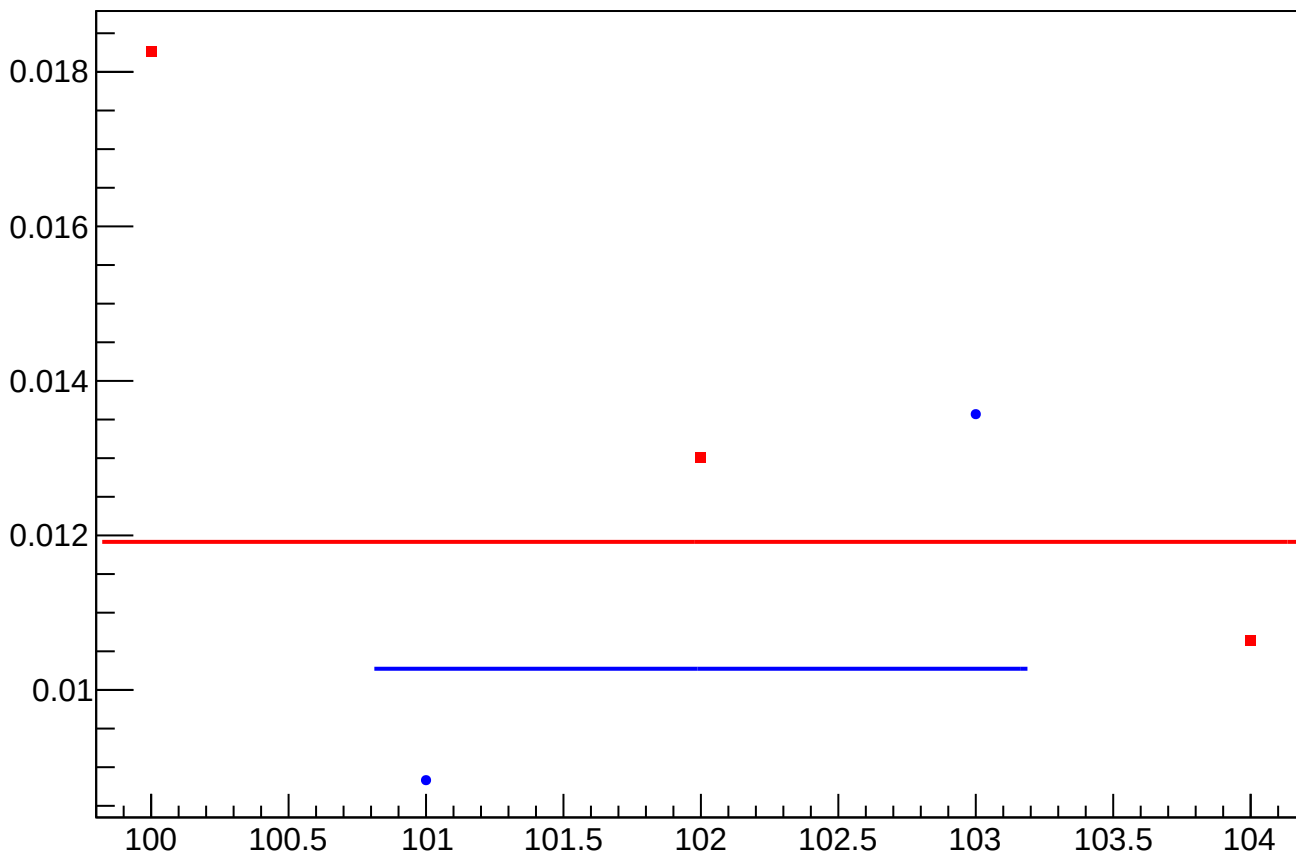
Right: 11.192+/-0.000 χ^2/NDF : 19882521.5/4

In: 11.205+/-0.000 χ^2/NDF : 10313115.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.192+/-0.000 χ^2/NDF : 19882521.5/4

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 : 39610.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

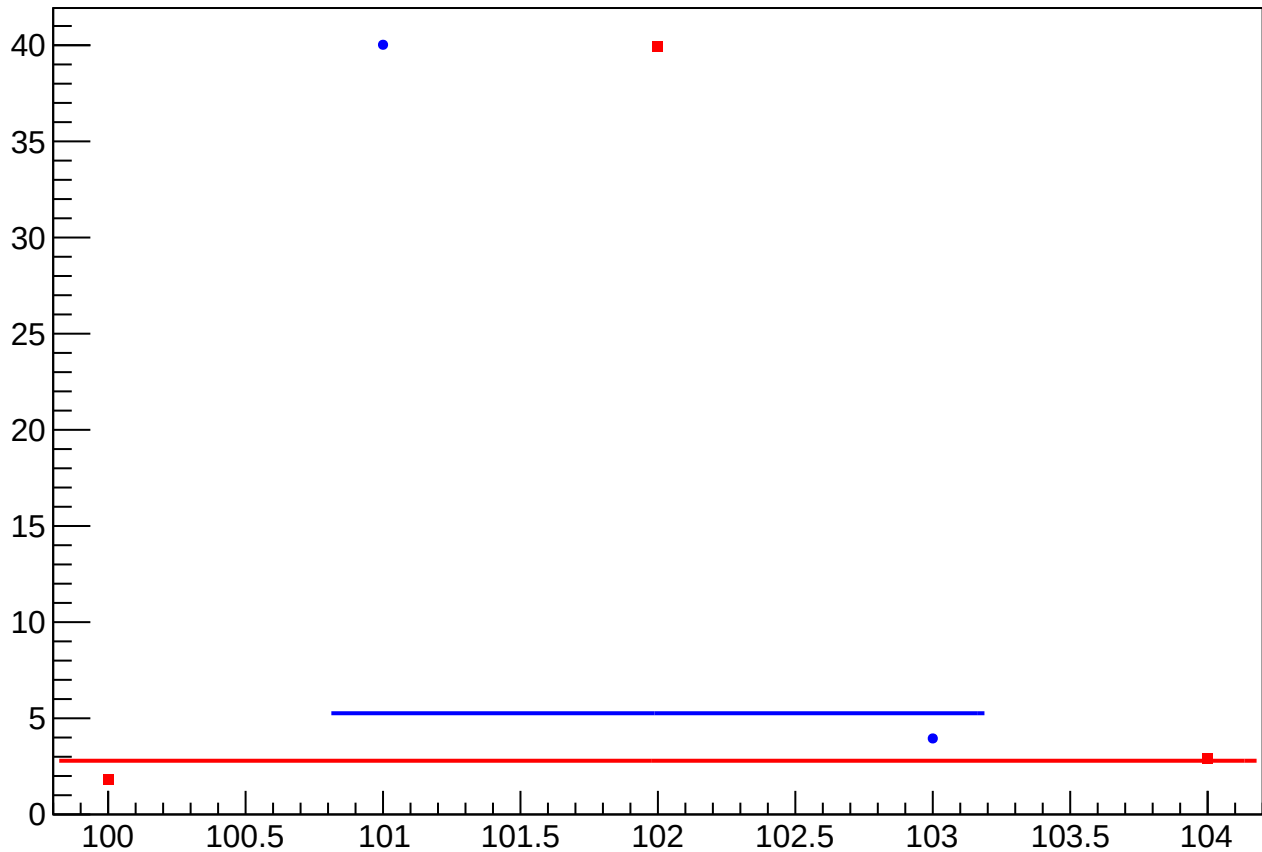
Right: 0.011+/-0.000 χ^2/NDF : 162418.5/4

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 : 162418.5/4

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: 2.793+/-0.000 χ^2/NDF : 59685704929.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

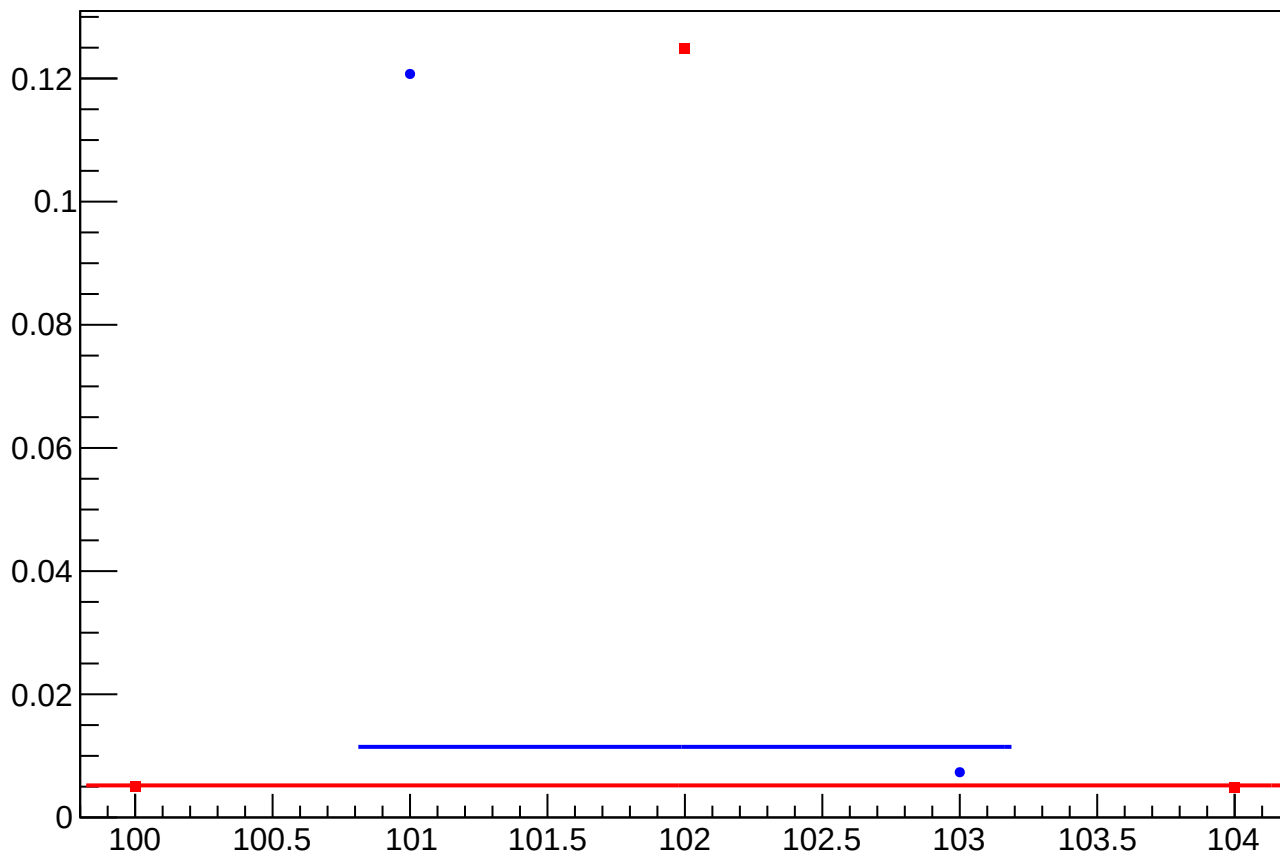
Right: 2.978+/-0.000 χ^2/NDF : 120096015101.2/4

In: 5.263+/-0.000 χ^2/NDF : 53749460475.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.978+/-0.000 χ^2/NDF : 120096015101.2

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1062270.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1183082.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

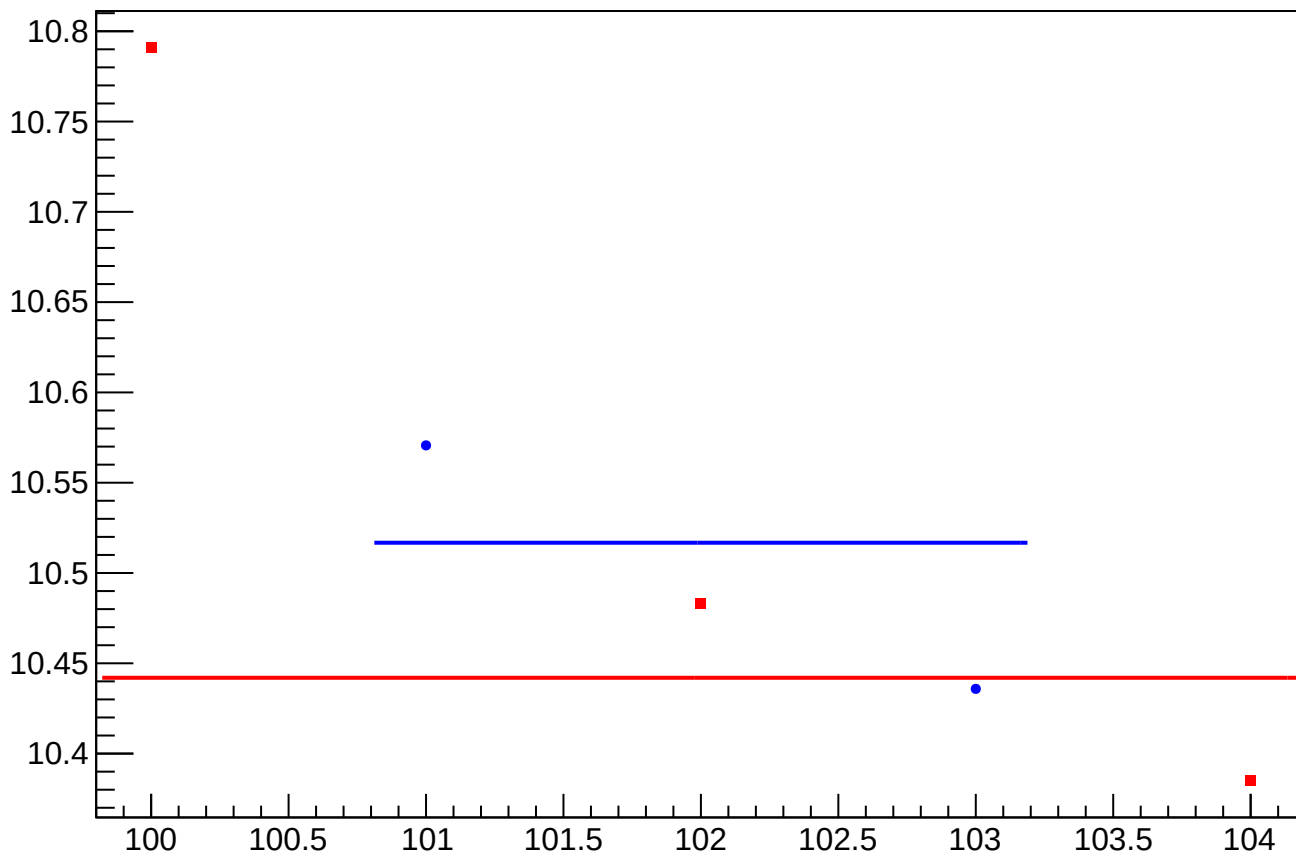
Right: 0.006+/-0.000 χ^2/NDF : 2330917.6/4

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 : 2330917.6/4

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: 10.442+/-0.000 χ^2/NDF : 64699527.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

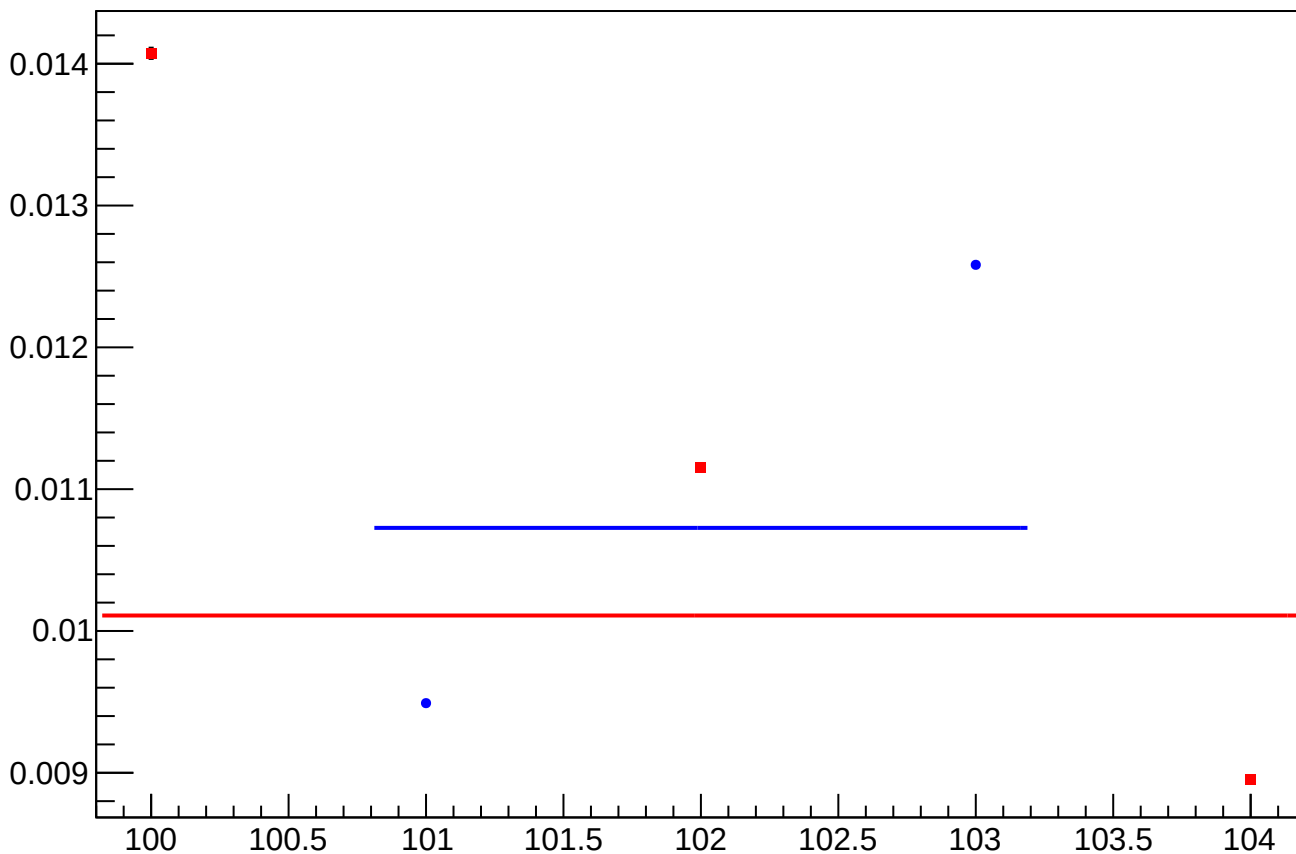
Right: 10.477+/-0.000 χ^2/NDF : 132901573.1/4

In: 10.517+/-0.000 χ^2/NDF : 40604682.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.477+/-0.000 χ^2/NDF : 132901573.1/4

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 : 34969.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

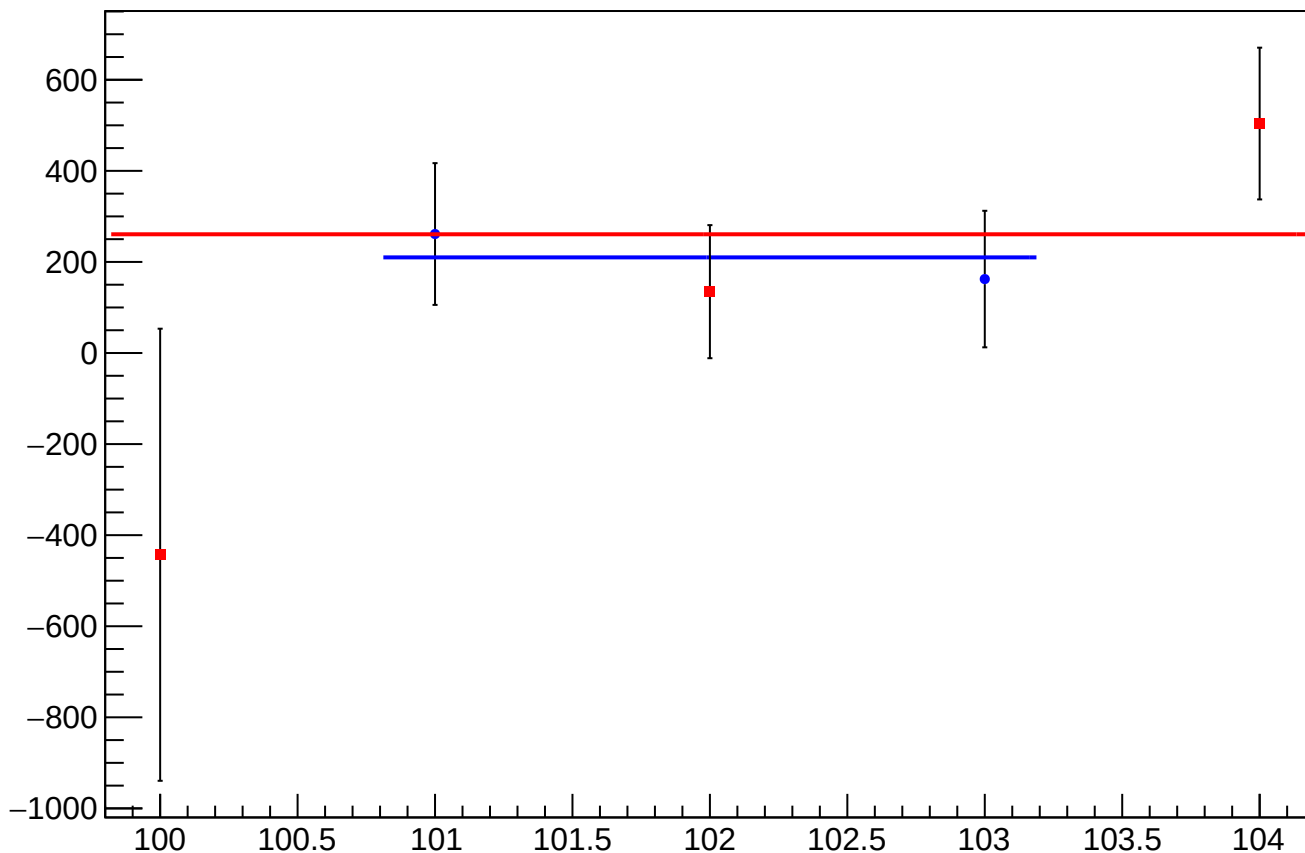
Right: 0.010+/-0.000 χ^2/NDF : 81421.0/4

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 : 81421.0/4

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: 260.734 $\pm$ 107.267 χ^2 /NDF: 4.9/2

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

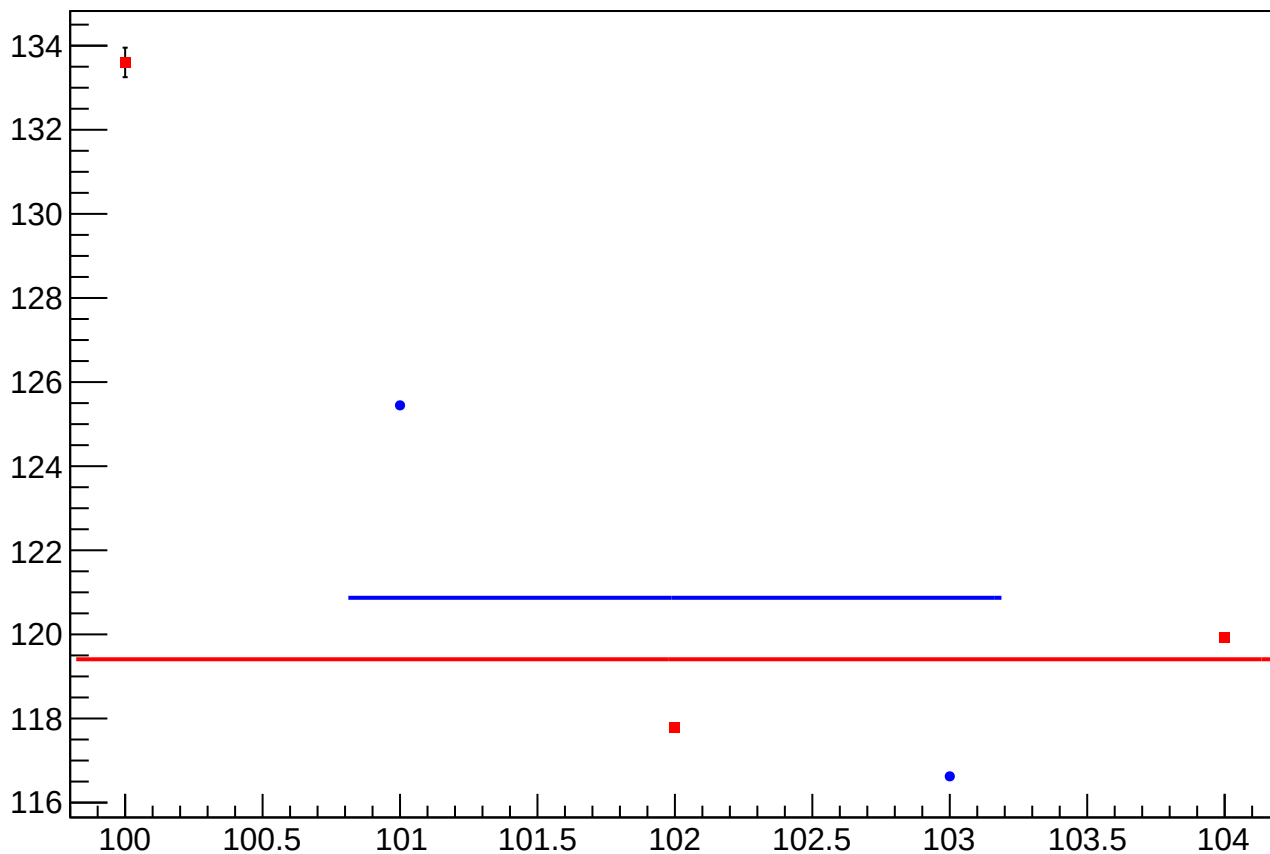
Right: 235.530 $\pm$ 76.098 χ^2 /NDF: 5.2/4

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: 235.530 $\pm$ 76.098 χ^2 /NDF: 5.2/4

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: 119.408+/-0.076 χ^2/NDF : 1903.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

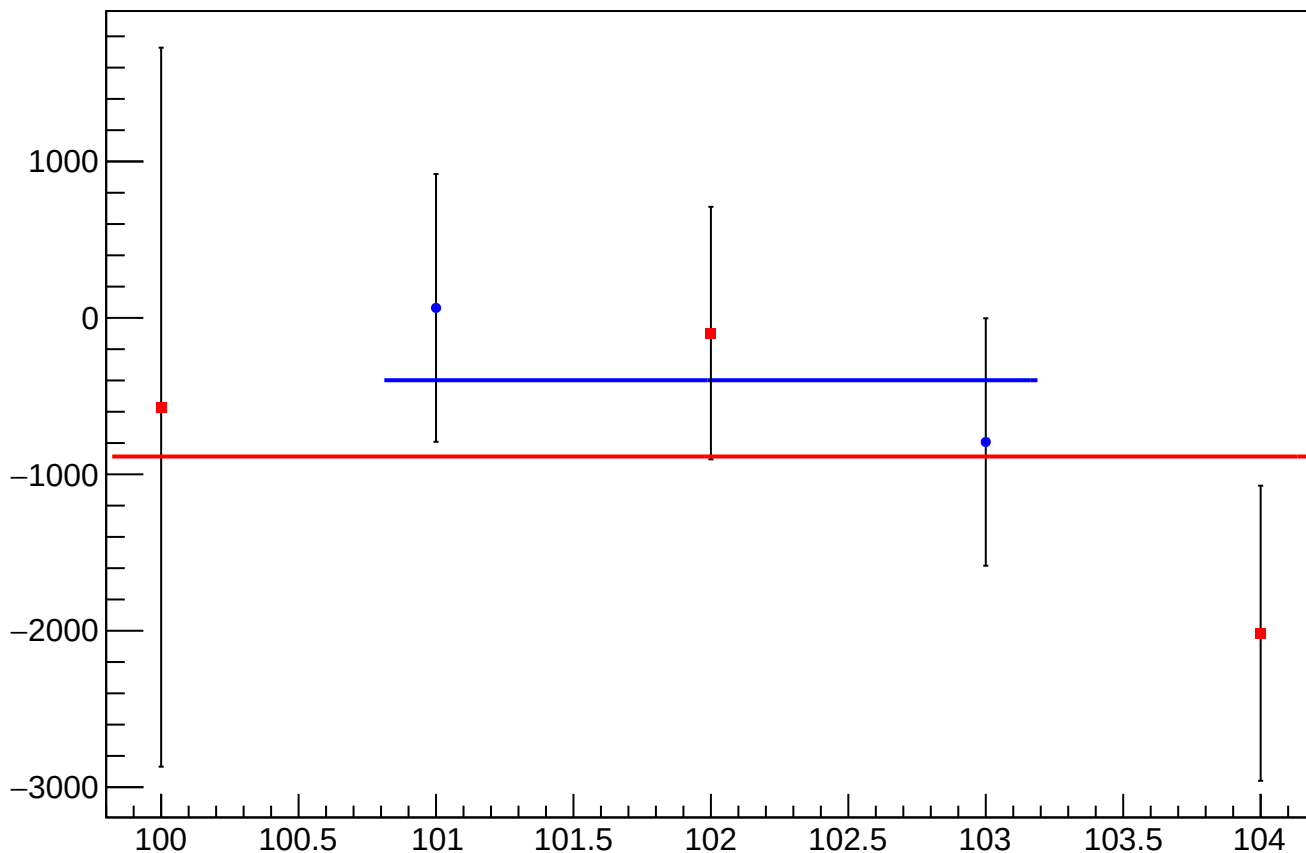
Right: 120.135+/-0.054 χ^2/NDF : 5421.6/4

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.135+/-0.054 χ^2/NDF : 5421.6/4

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: -885.964+/-592.532 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

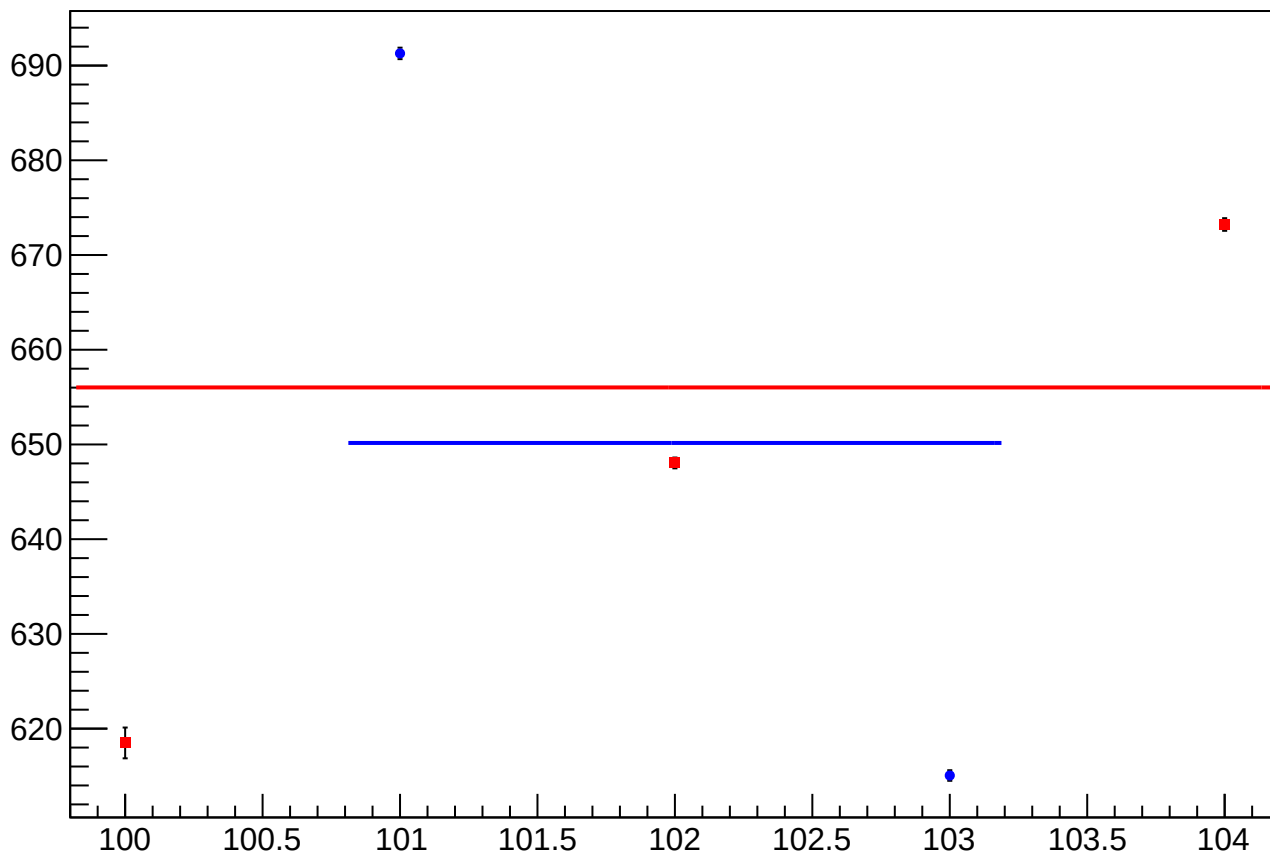
Right: -637.404+/-414.799 χ^2/NDF : 3.3/4

In: -398.530+/-580.871 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.404+/-414.799 χ^2/NDF : 3.3/4

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: 656.020 $\pm$ 0.419 χ^2 /NDF: 1393.8/2

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

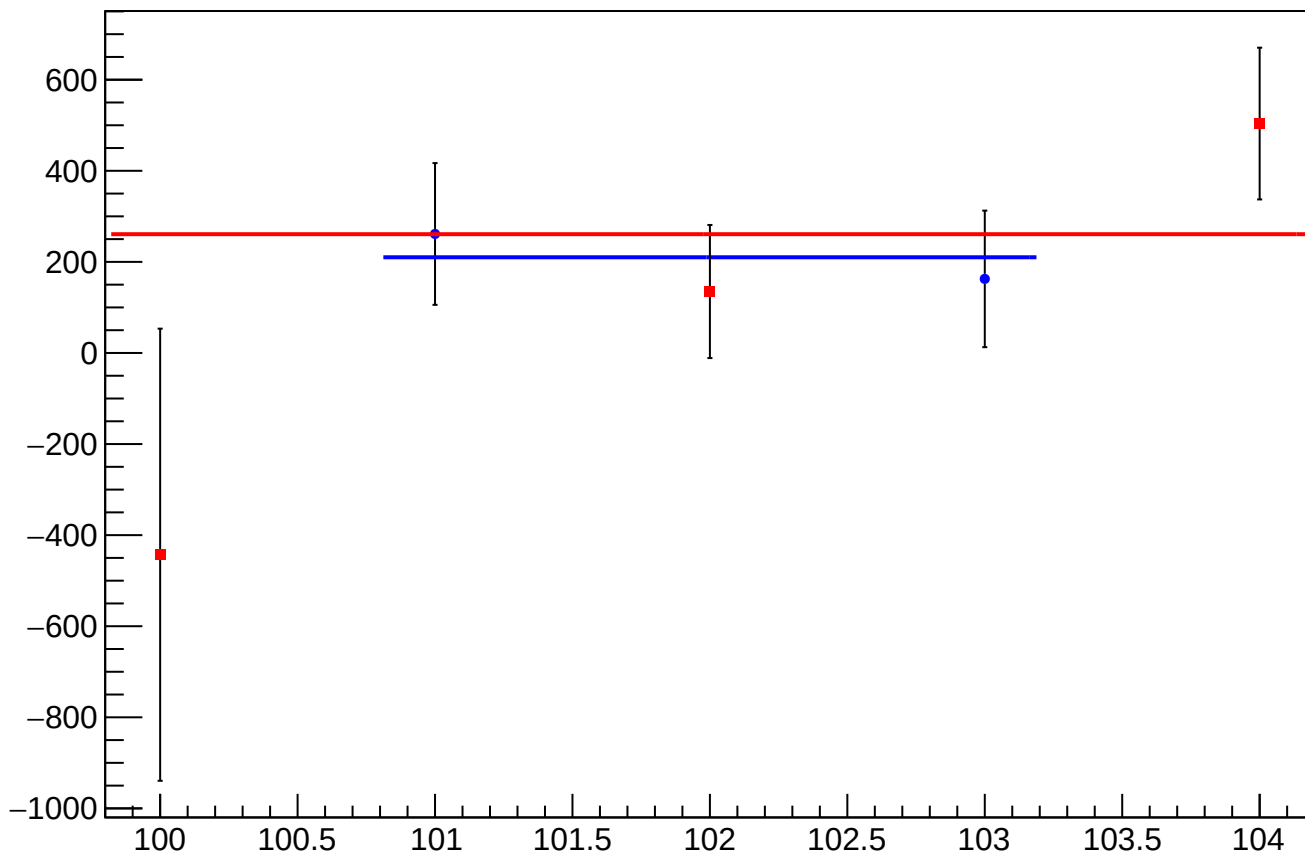
Right: 653.031 $\pm$ 0.293 χ^2 /NDF: 10051.7/4

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: 653.031 $\pm$ 0.293 χ^2 /NDF: 10051.7/4

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: 260.793 $\pm$ 107.272 χ^2 /NDF: 4.9/2

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

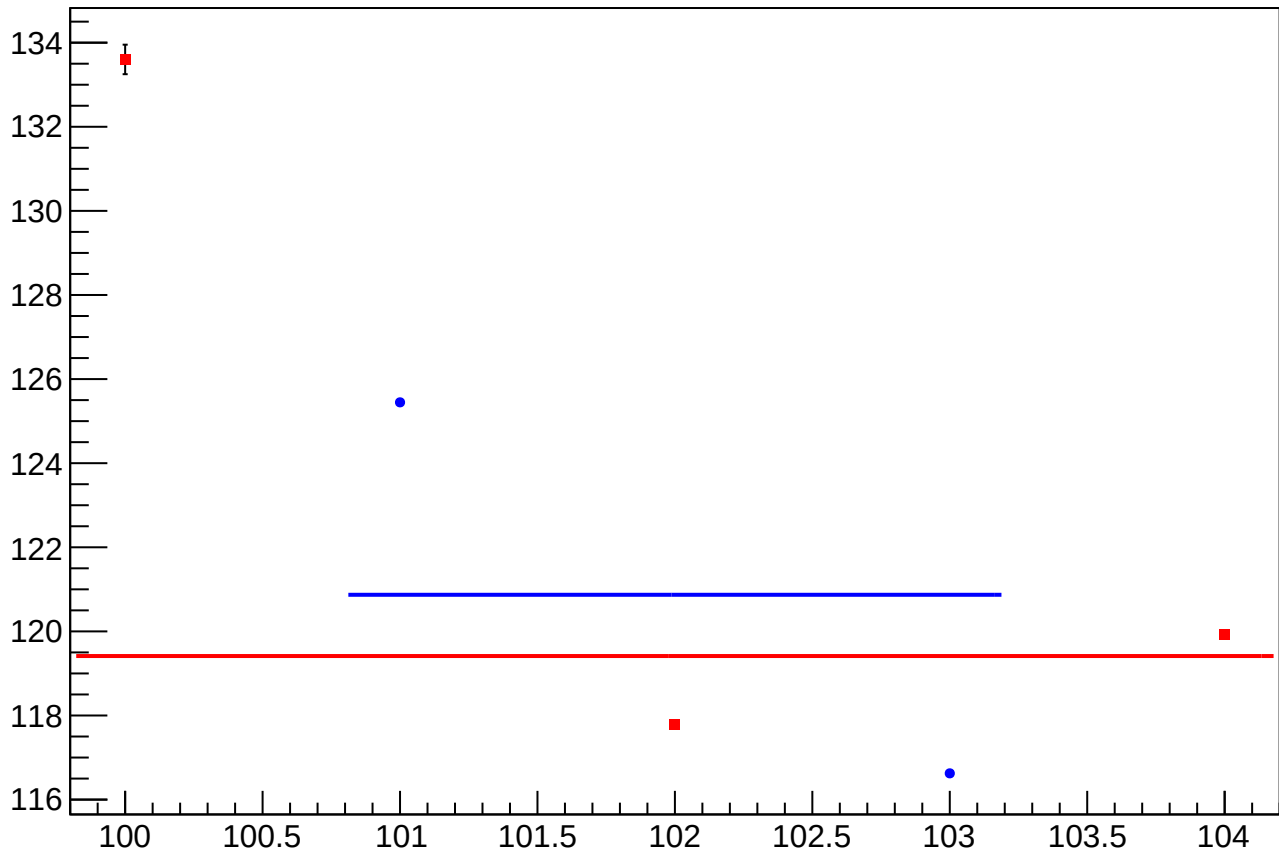
Right: 235.623 $\pm$ 76.100 χ^2 /NDF: 5.2/4

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: 235.623 $\pm$ 76.100 χ^2 /NDF: 5.2/4

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: 119.414+/-0.076 χ^2/NDF : 1900.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

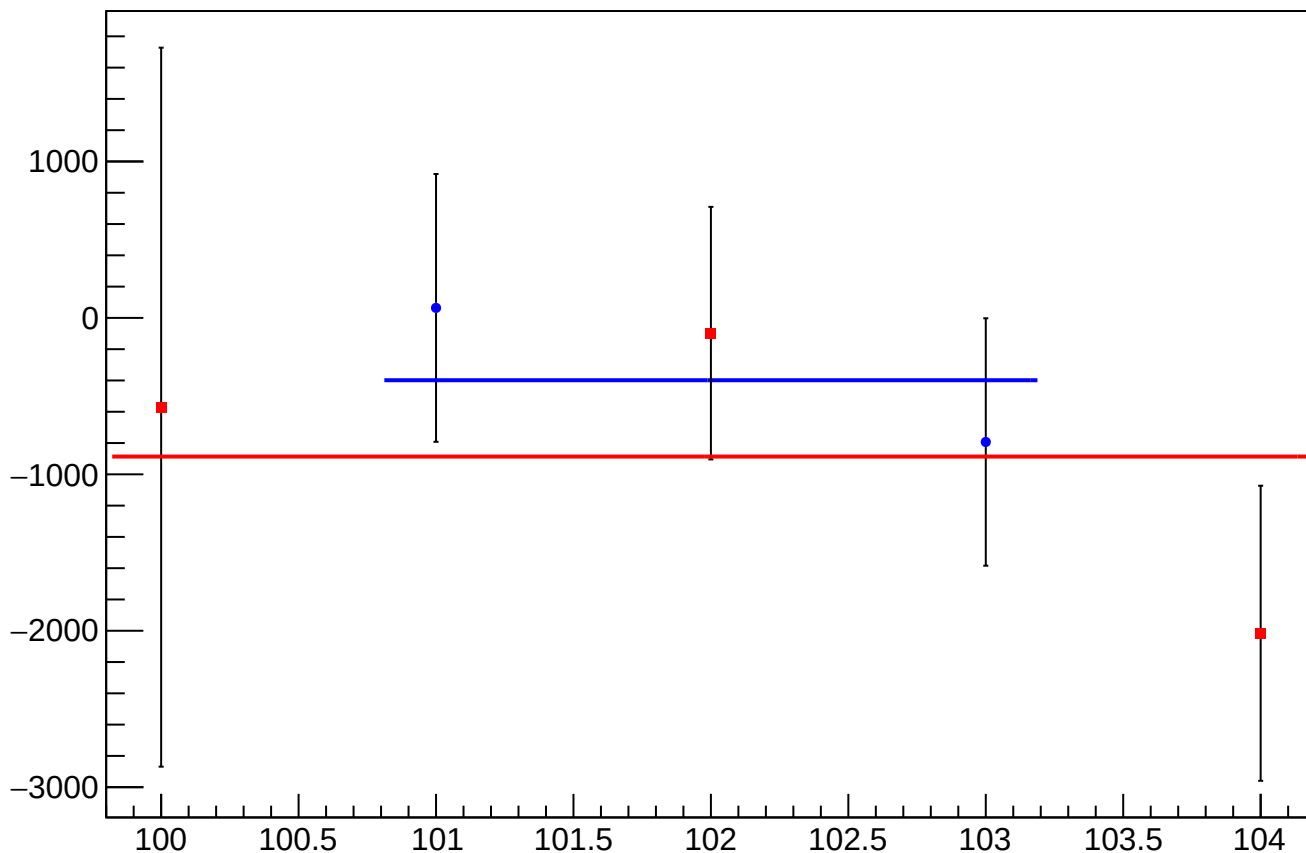
Right: 120.138+/-0.054 χ^2/NDF : 5417.0/4

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.138+/-0.054 χ^2/NDF : 5417.0/4

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: -886.296 $\pm$ 592.558 χ^2 /NDF: 2.4/2

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

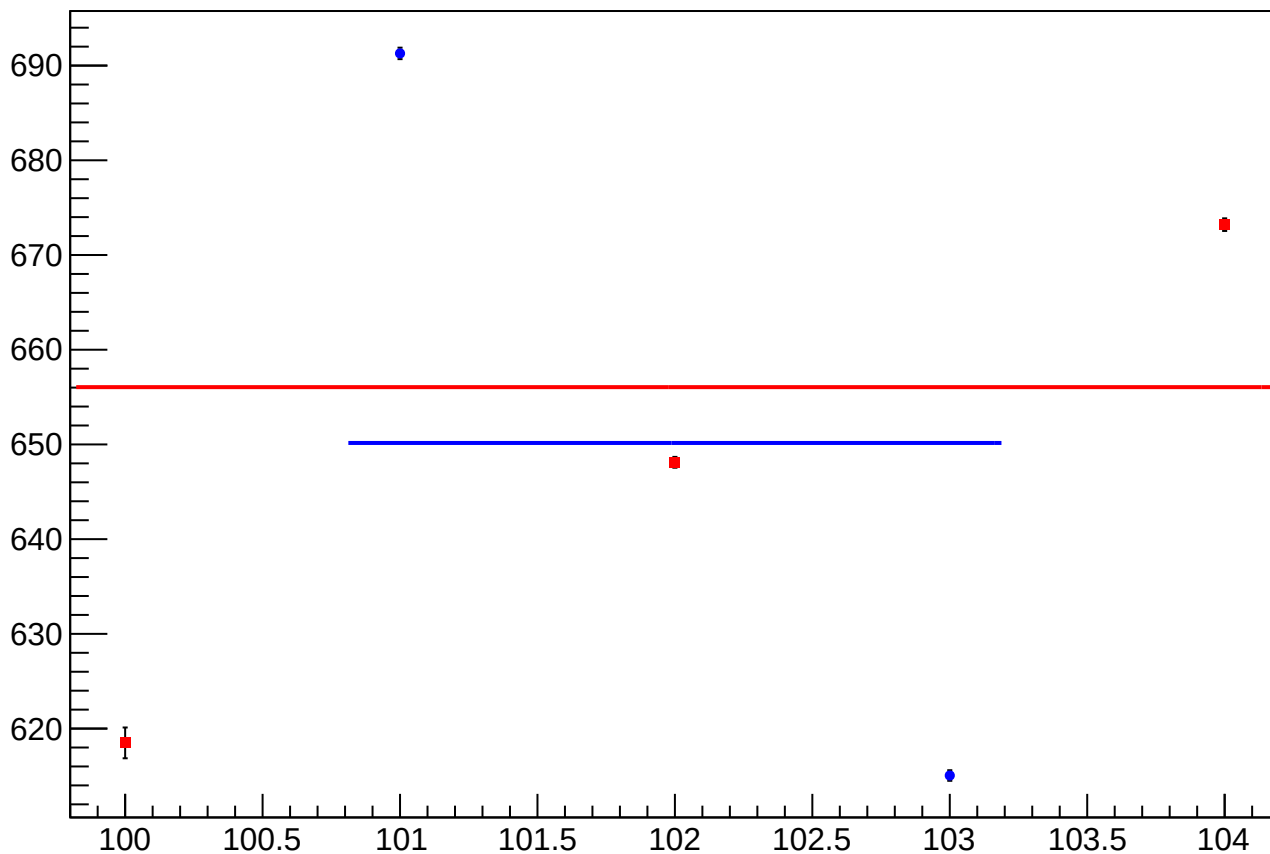
Right: -637.540 $\pm$ 414.808 χ^2 /NDF: 3.3/4

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: -637.540 $\pm$ 414.808 χ^2 /NDF: 3.3/4

asym_sam1_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: 656.049+/-0.419 χ^2/NDF : 1389.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

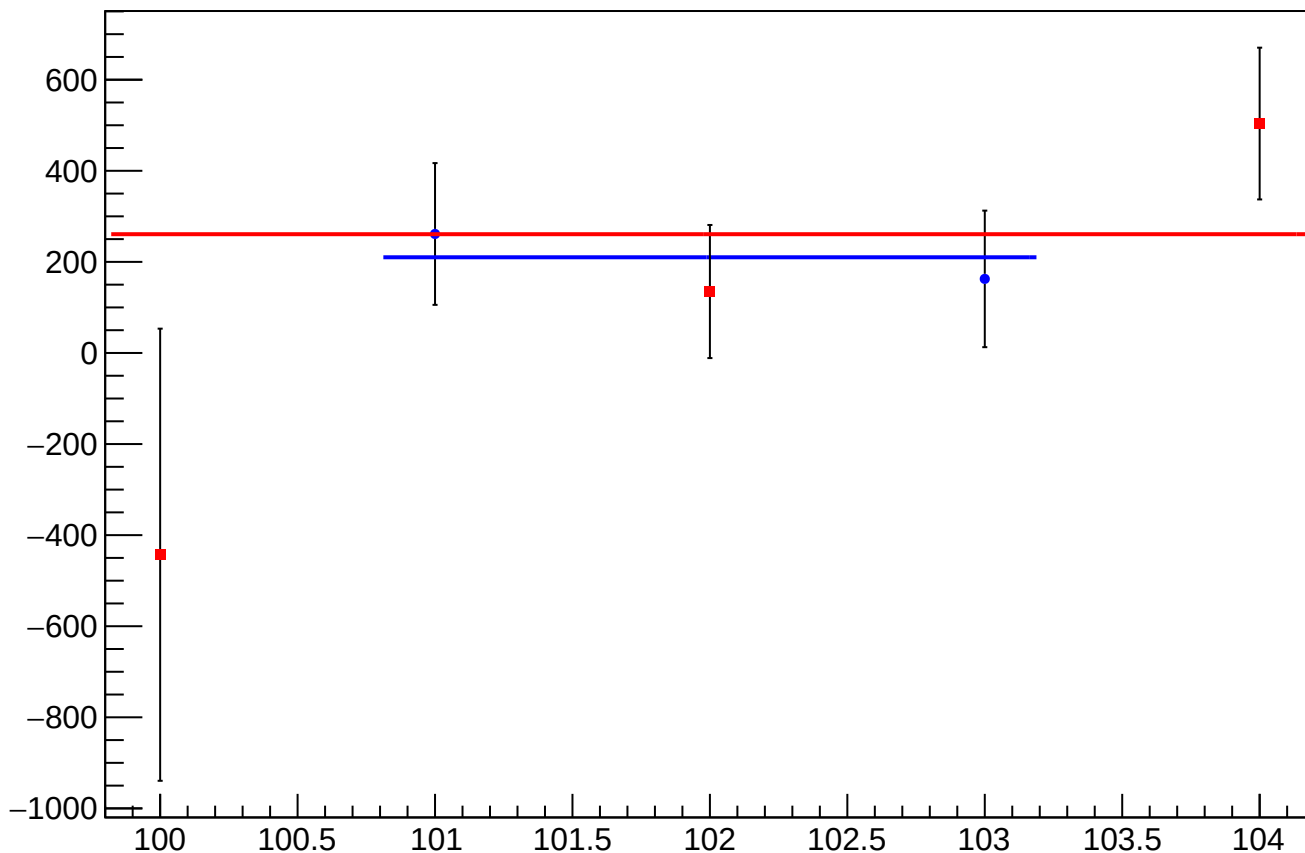
Right: 653.044+/-0.293 χ^2/NDF : 10050.0/4

In: 650.156+/-0.411 χ^2/NDF : 8559.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.044+/-0.293 χ^2/NDF : 10050.0/4

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: 260.793+/-107.272 χ^2/NDF : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

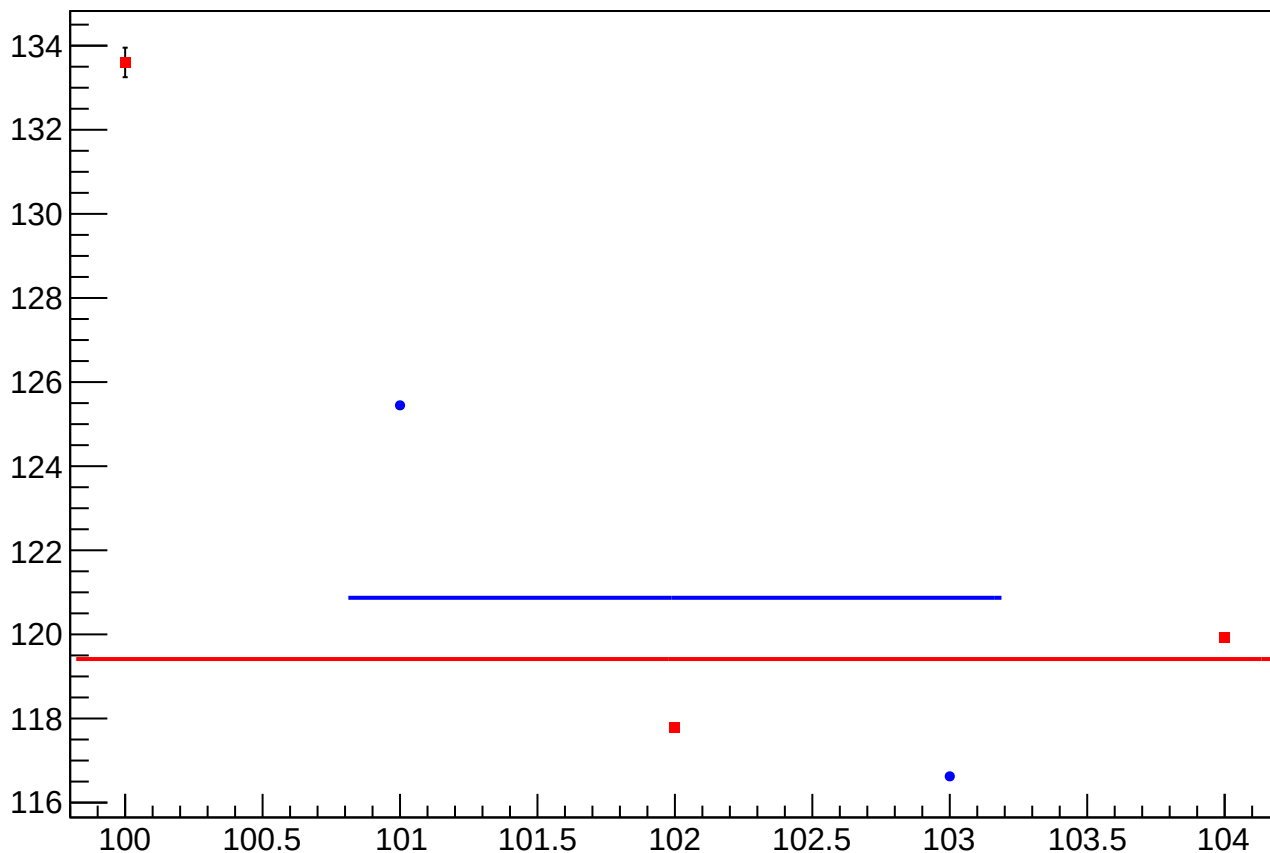
Right: 235.623+/-76.100 χ^2/NDF : 5.2/4

In: 210.121+/-107.974 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.623+/-76.100 χ^2/NDF : 5.2/4

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: 119.414+/-0.076 χ^2/NDF : 1900.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

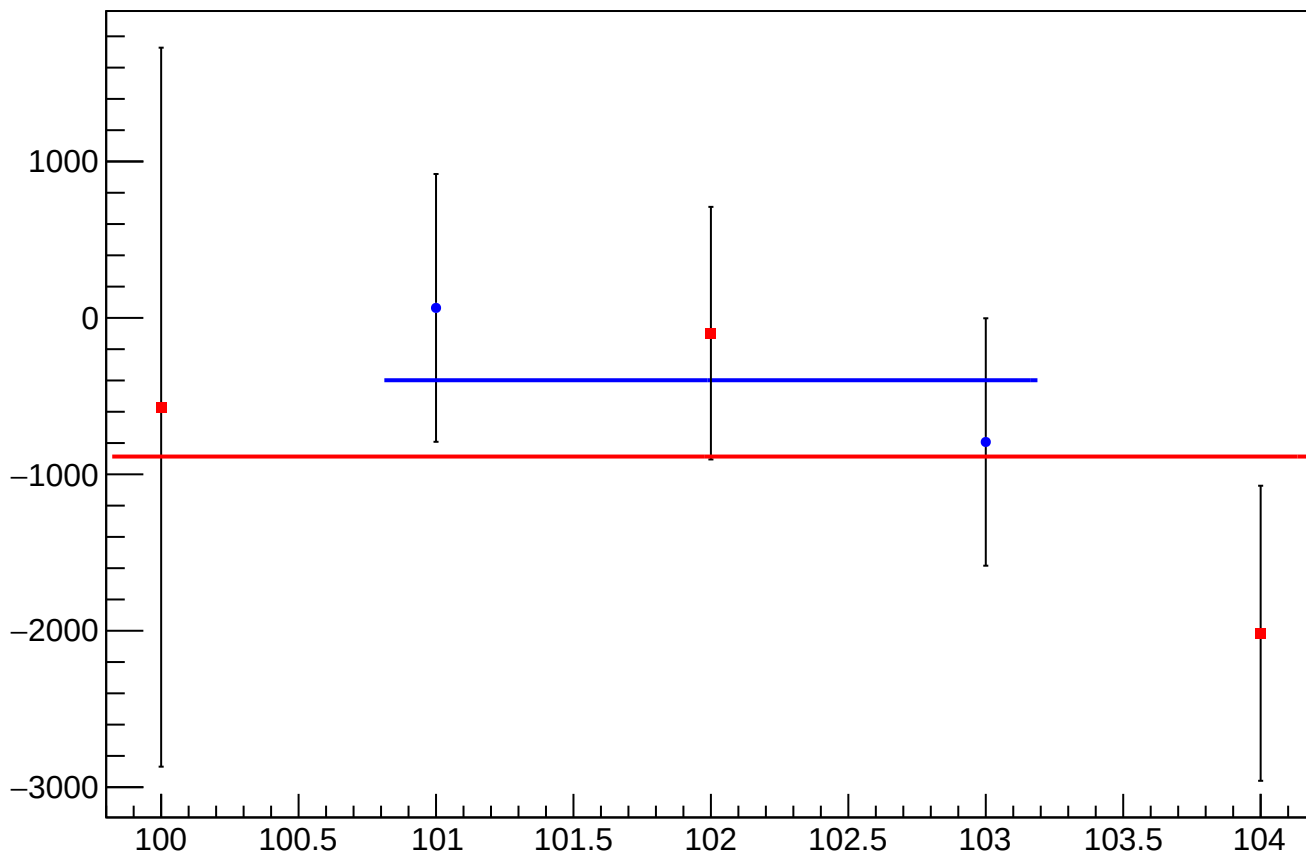
Right: 120.138+/-0.054 χ^2/NDF : 5417.0/4

In: 120.871+/-0.076 χ^2/NDF : 3333.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.138+/-0.054 χ^2/NDF : 5417.0/4

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: -886.296+/-592.558 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

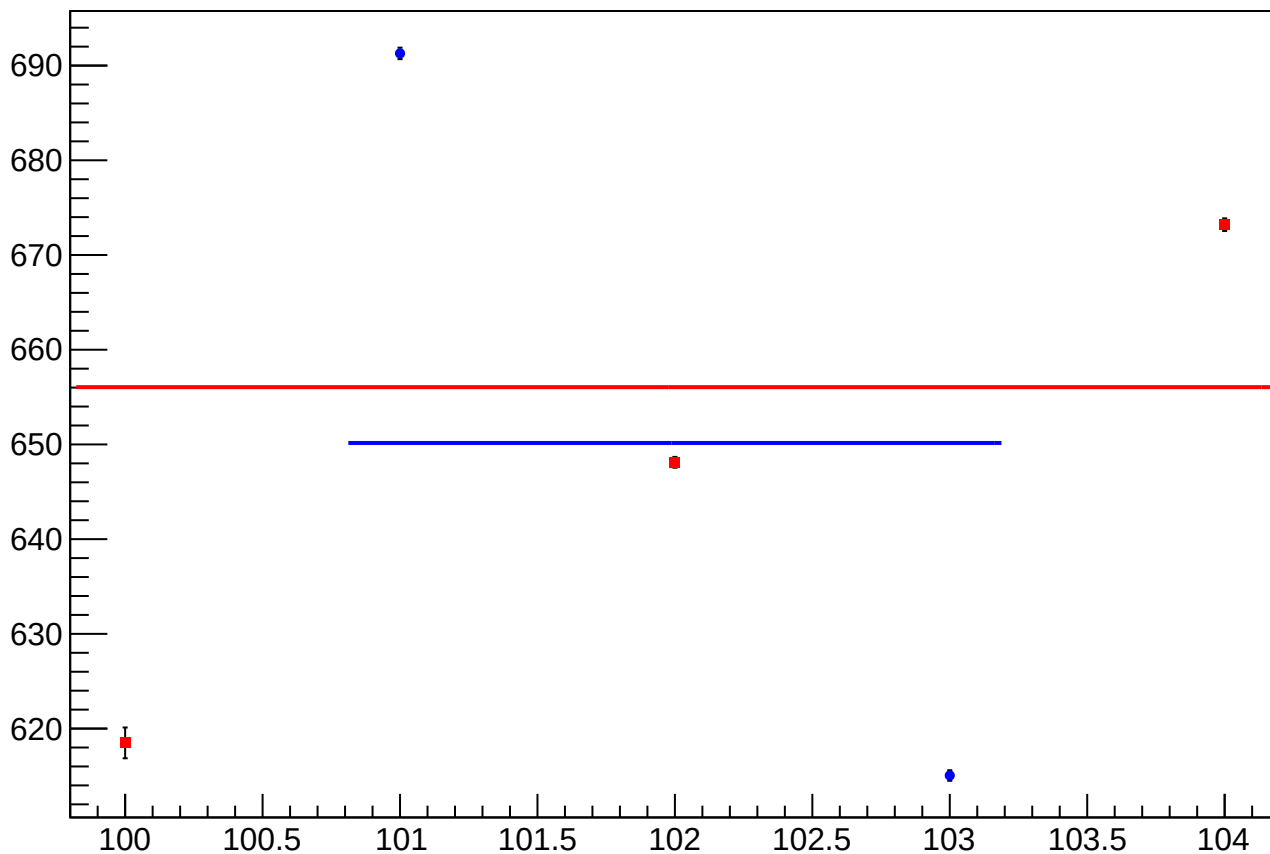
Right: -637.540+/-414.808 χ^2/NDF : 3.3/4

In: -398.502+/-580.869 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.540+/-414.808 χ^2/NDF : 3.3/4

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: 656.049+/-0.419 χ^2/NDF : 1389.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

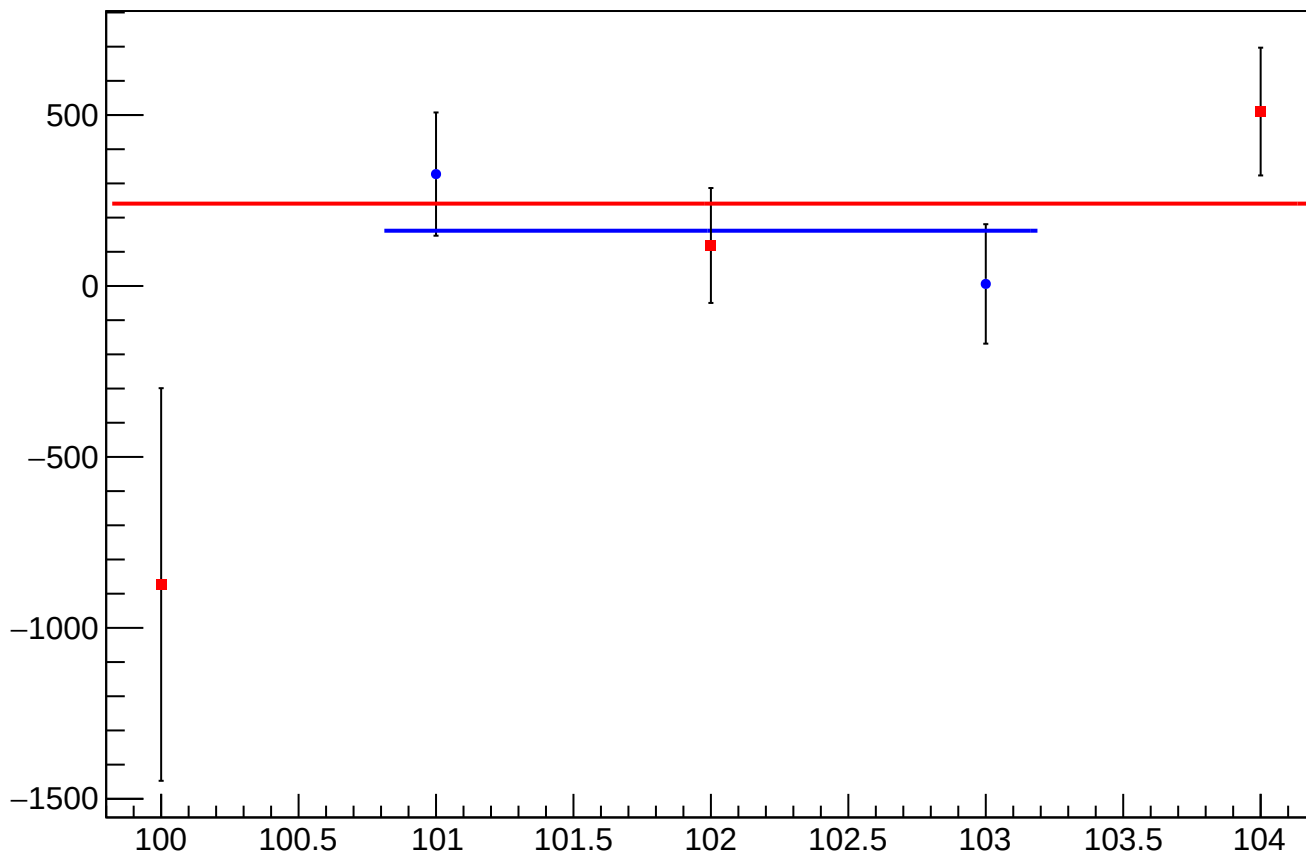
Right: 653.044+/-0.293 χ^2/NDF : 10050.0/4

In: 650.156+/-0.411 χ^2/NDF : 8559.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.044+/-0.293 χ^2/NDF : 10050.0/4

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: 240.899 $\pm$ 122.107 χ^2 /NDF: 6.4/2

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

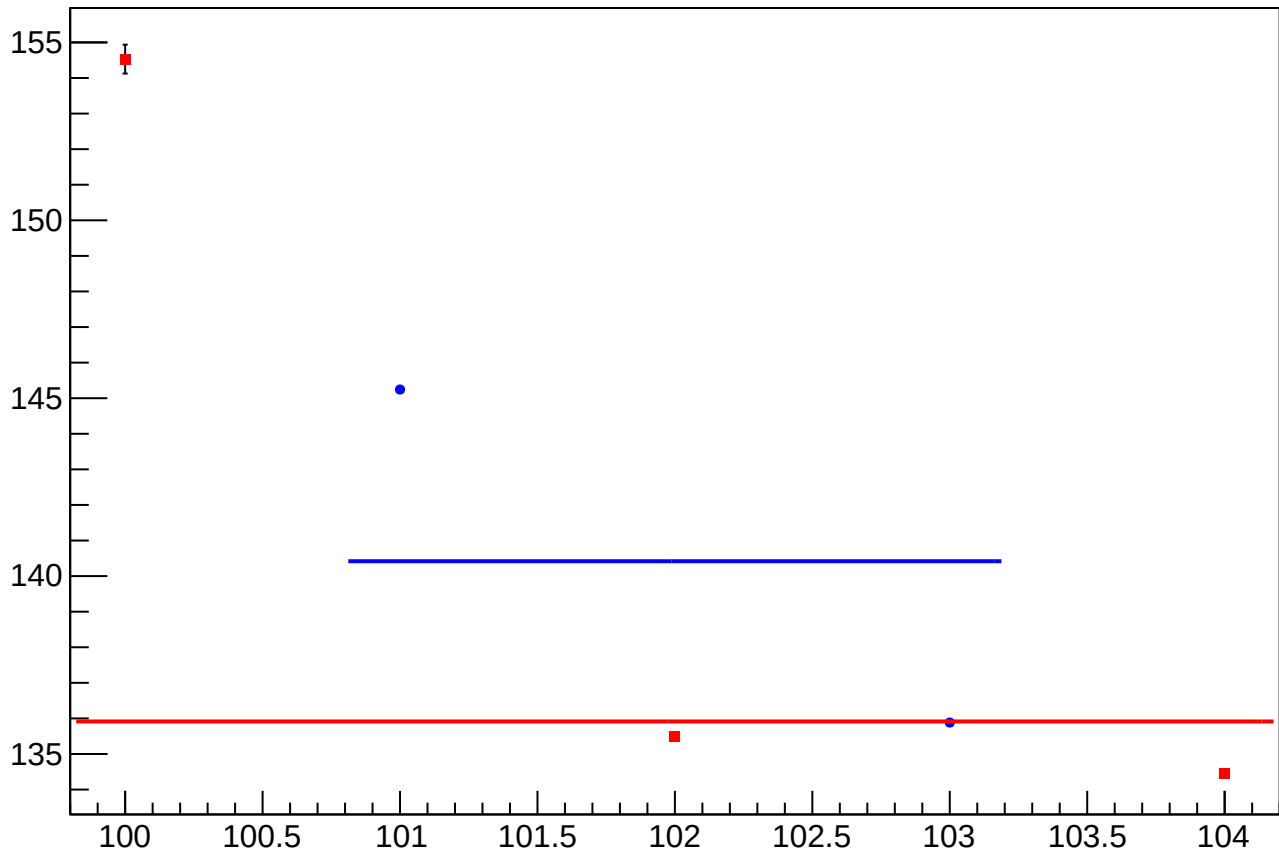
Right: 202.341 $\pm$ 87.498 χ^2 /NDF: 8.2/4

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: 202.341 $\pm$ 87.498 χ^2 /NDF: 8.2/4

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.914 $\pm$ 0.086 χ^2 /NDF: 2235.6/2

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

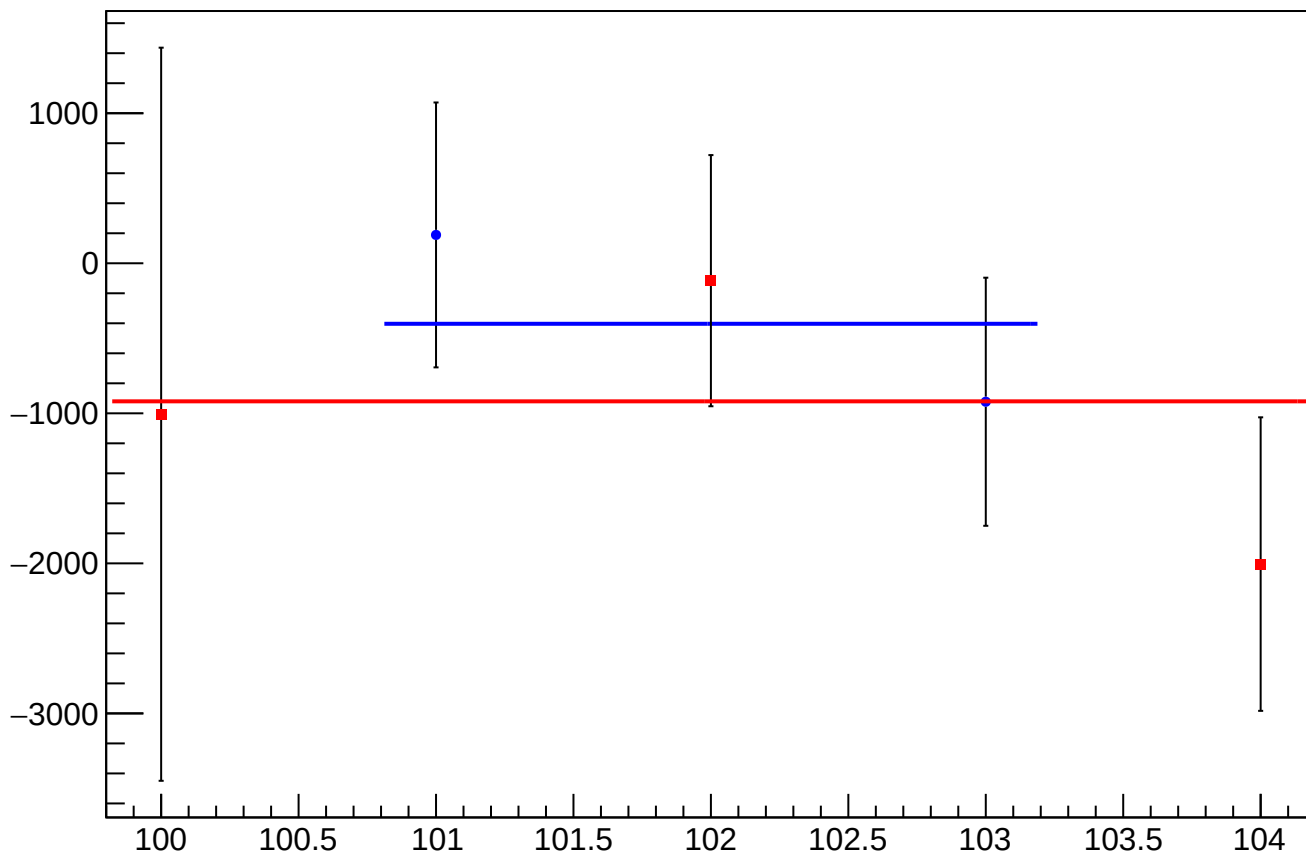
Right: 138.105 $\pm$ 0.062 χ^2 /NDF: 6340.6/4

In: 140.418 $\pm$ 0.089 χ^2 /NDF: 2781.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.105 $\pm$ 0.062 χ^2 /NDF: 6340.6/4

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -403.345+/-603.410 χ^2/NDF : 0.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -920.181+/-615.430 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

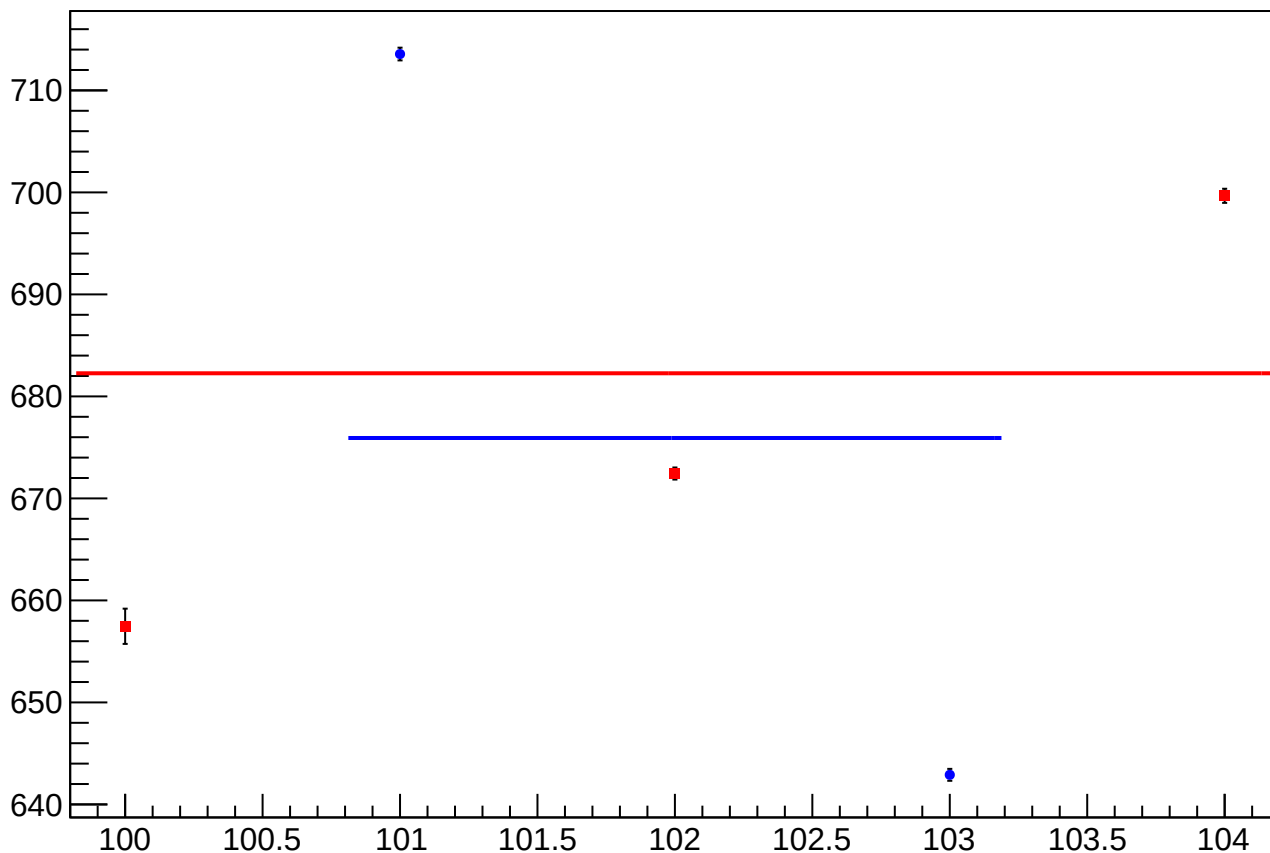
Right: -656.667+/-430.862 χ^2/NDF : 3.4/4

In: -403.345+/-603.410 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.667+/-430.862 χ^2/NDF : 3.4/4

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: 682.267+/-0.435 χ^2/NDF : 1114.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

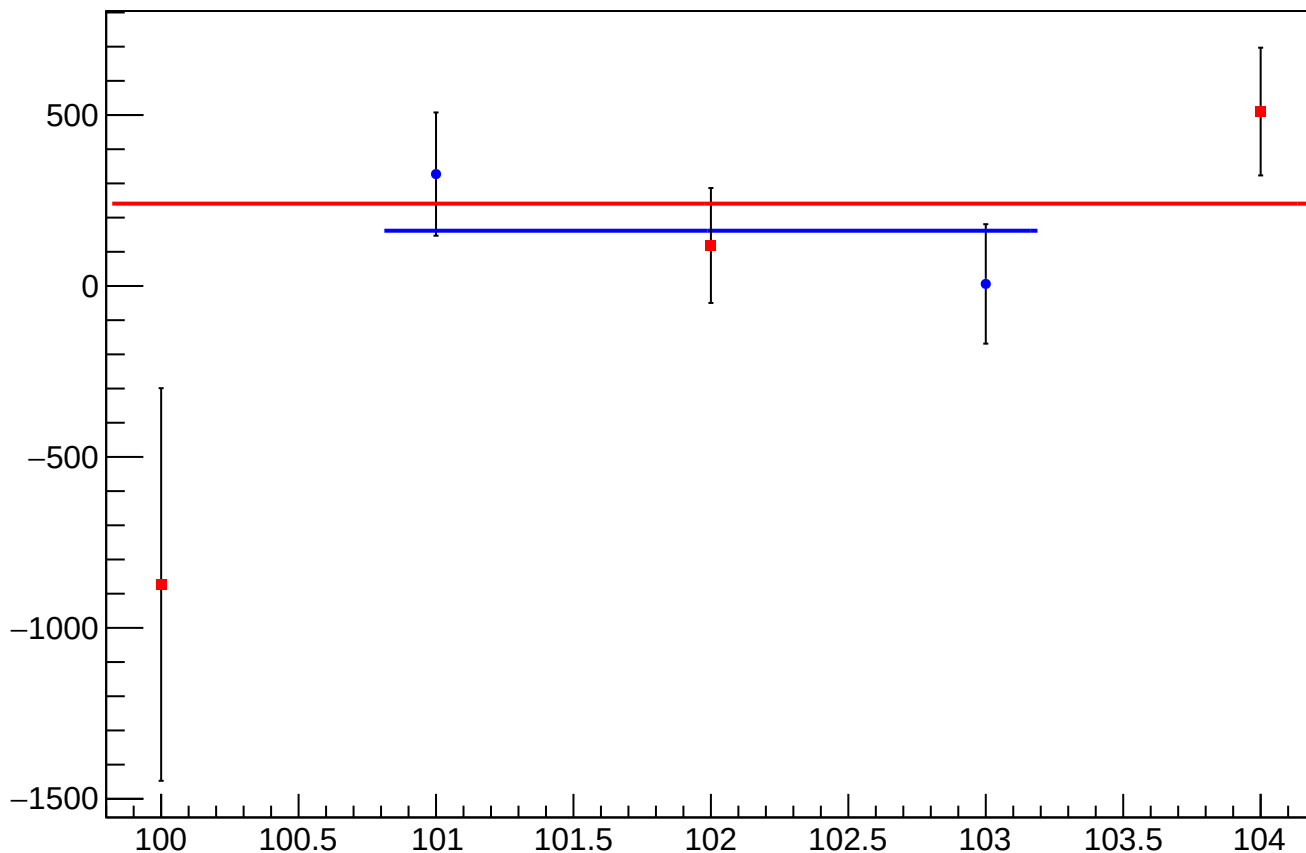
Right: 679.032+/-0.305 χ^2/NDF : 8050.6/4

In: 675.923+/-0.427 χ^2/NDF : 6827.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.032+/-0.305 χ^2/NDF : 8050.6/4

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: 240.900 $\pm$ 122.107 χ^2 /NDF: 6.4/2

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

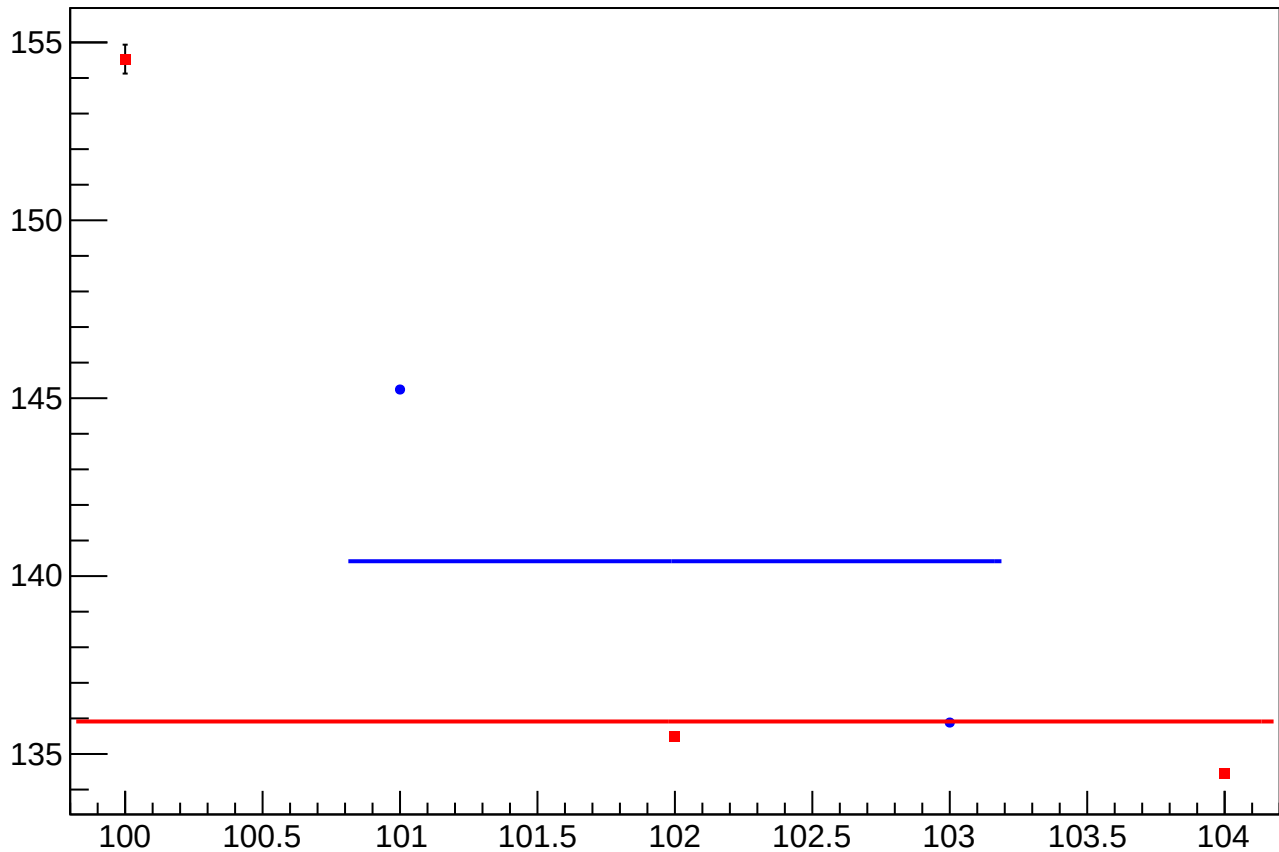
Right: 202.341 $\pm$ 87.498 χ^2 /NDF: 8.2/4

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: 202.341 $\pm$ 87.498 χ^2 /NDF: 8.2/4

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: 135.914+/-0.086 χ^2/NDF : 2235.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

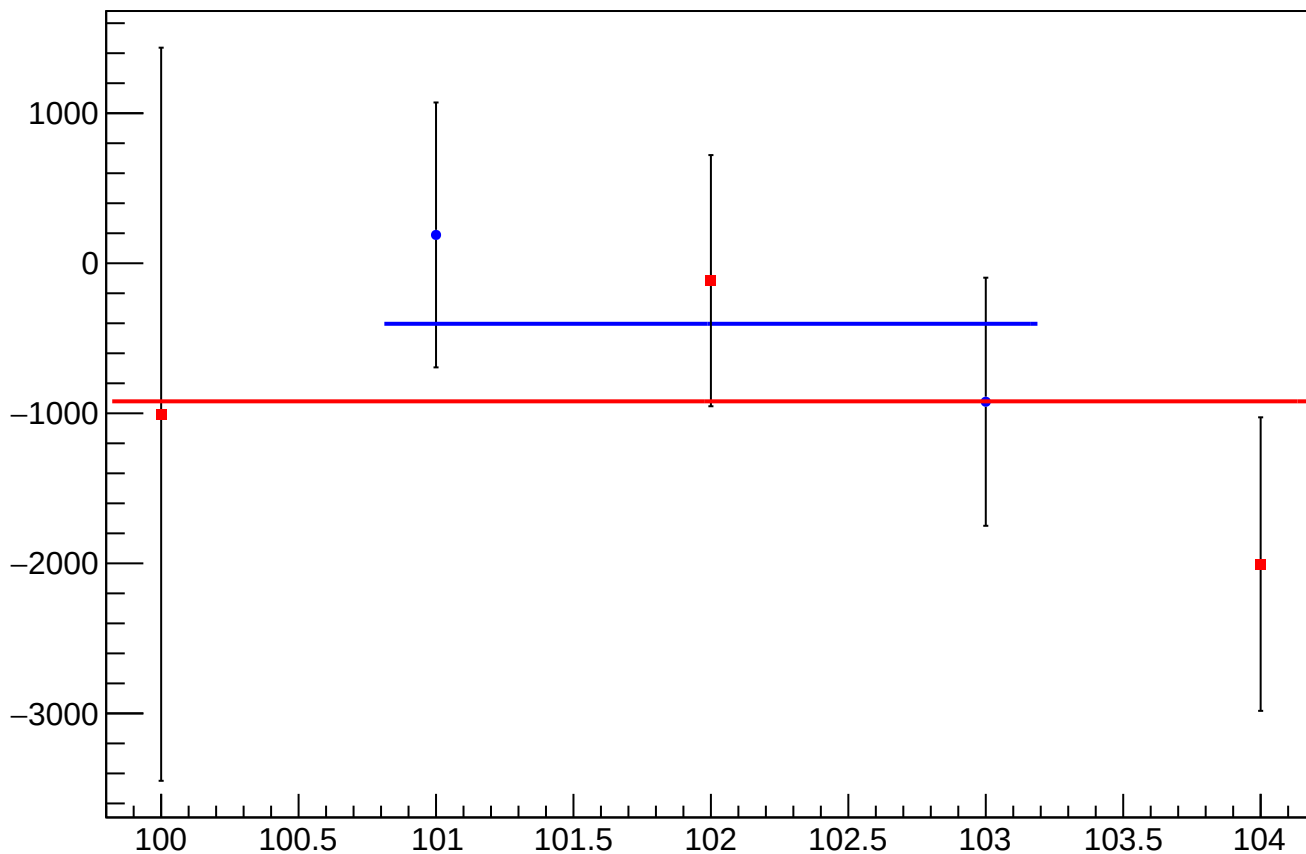
Right: 138.105+/-0.062 χ^2/NDF : 6340.7/4

In: 140.418+/-0.089 χ^2/NDF : 2781.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.105+/-0.062 χ^2/NDF : 6340.7/4

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: -920.181+/-615.429 χ^2/NDF : 2.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

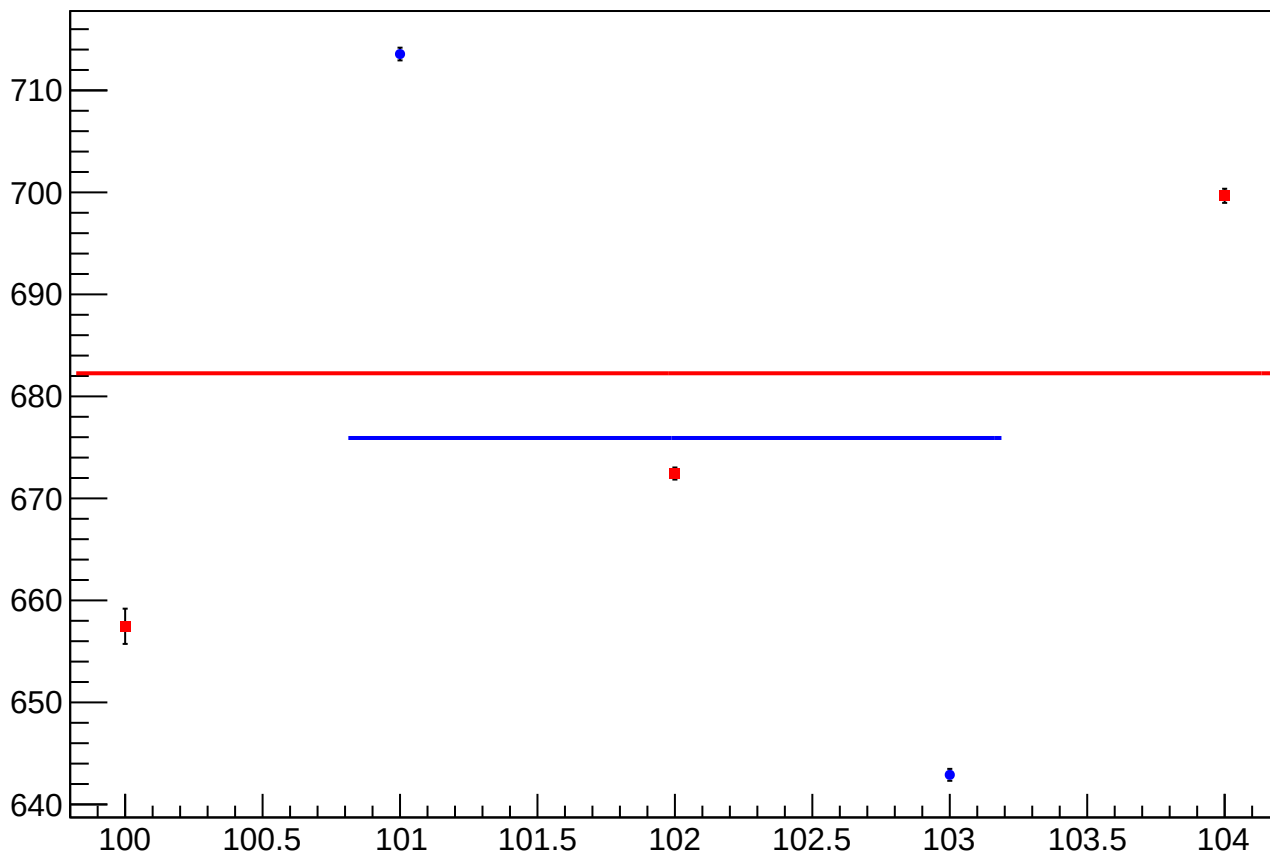
Right: -656.666+/-430.862 χ^2/NDF : 3.4/4

In: -403.343+/-603.409 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.666+/-430.862 χ^2/NDF : 3.4/4

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: 682.266+/-0.435 χ^2/NDF : 1114.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

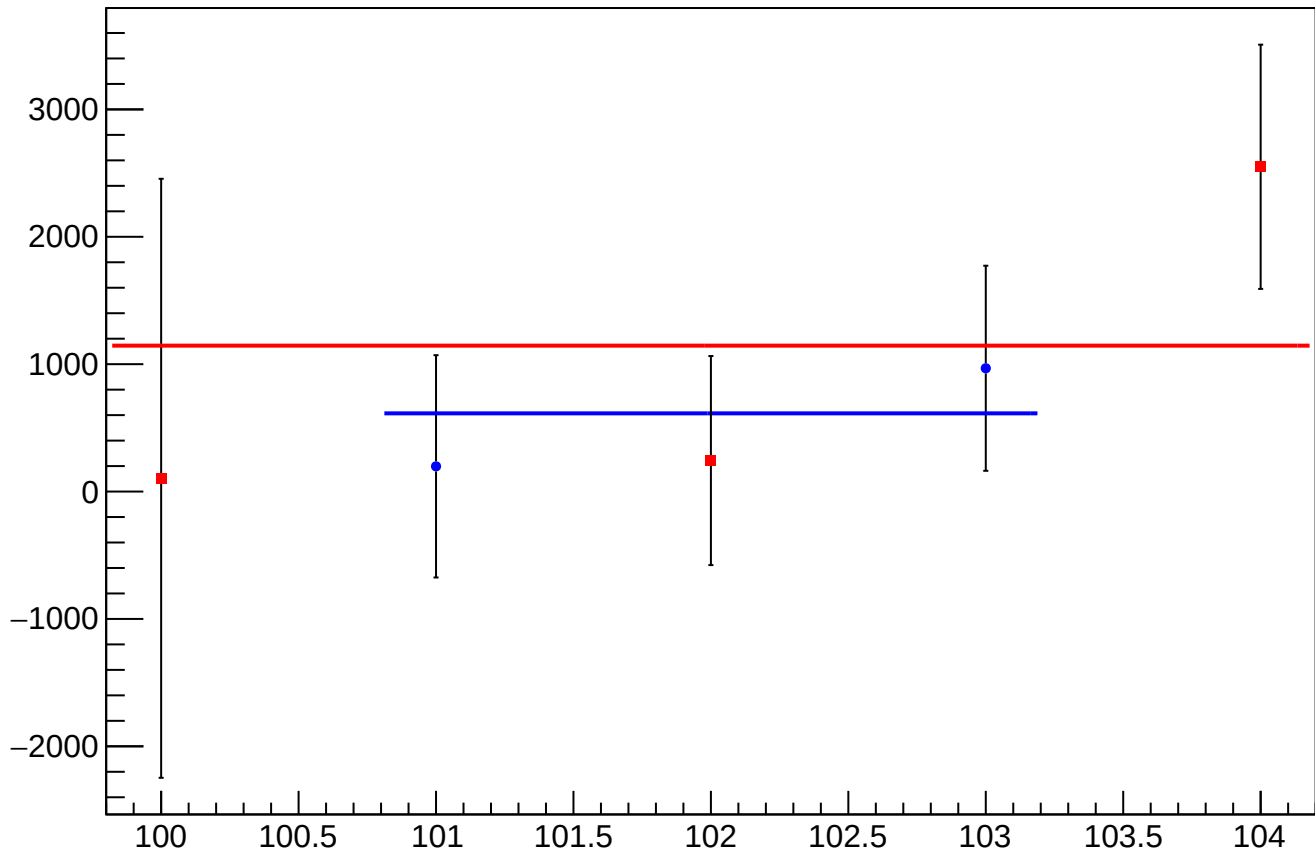
Right: 679.031+/-0.305 χ^2/NDF : 8050.6/4

In: 675.922+/-0.427 χ^2/NDF : 6827.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.031+/-0.305 χ^2/NDF : 8050.6/4

asym_sam1_mean vs Slug, Sign Corrected



Right In: 613.935 $\pm$ 591.660 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1145.410 $\pm$ 602.561 χ^2 /NDF: 3.6/2

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

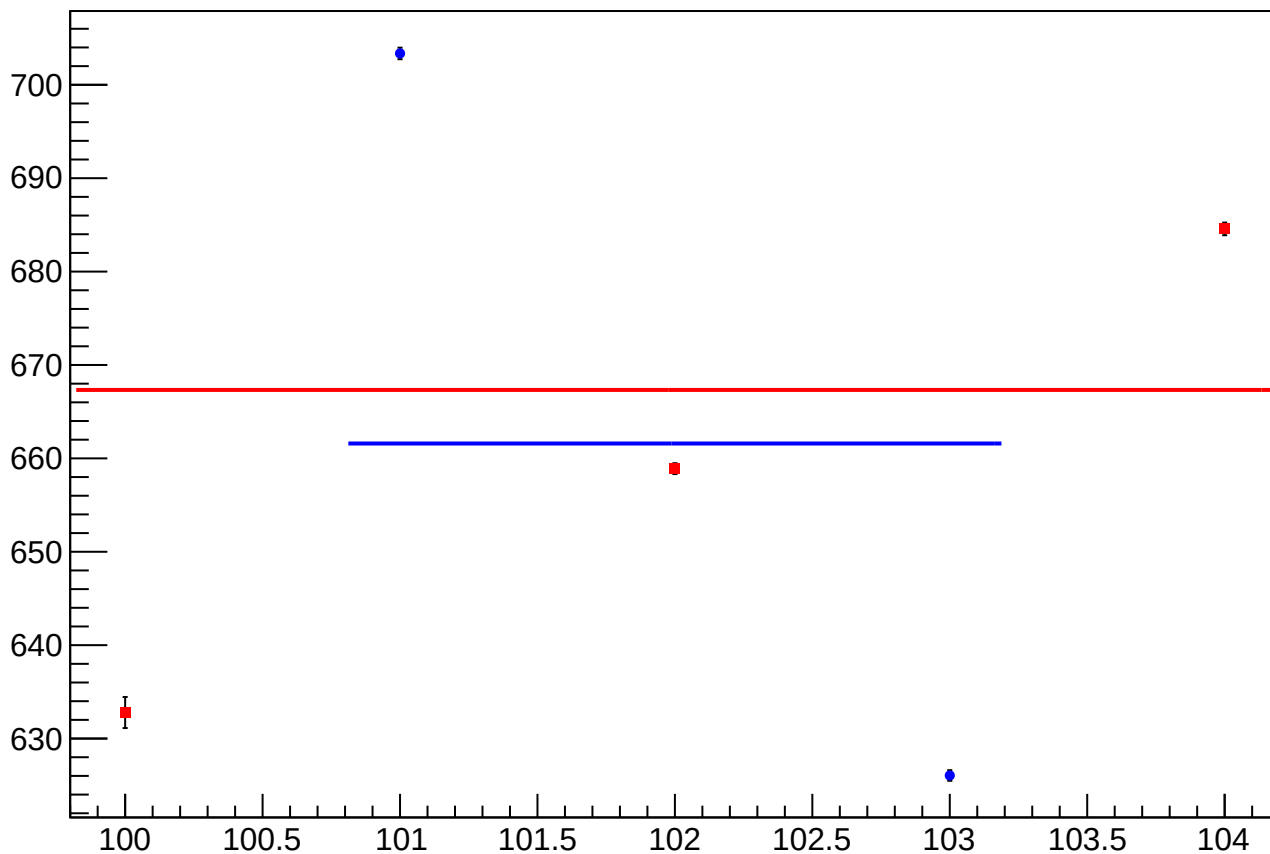
Right: 874.821 $\pm$ 422.168 χ^2 /NDF: 4.4/4

In: 613.935 $\pm$ 591.660 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 874.821 $\pm$ 422.168 χ^2 /NDF: 4.4/4

asym_sam1_rms vs Slug, Sign Corrected



Right In: 661.592 $\pm$ 0.418 χ^2 /NDF: 8482.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 667.329 $\pm$ 0.426 χ^2 /NDF: 1289.4/2

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

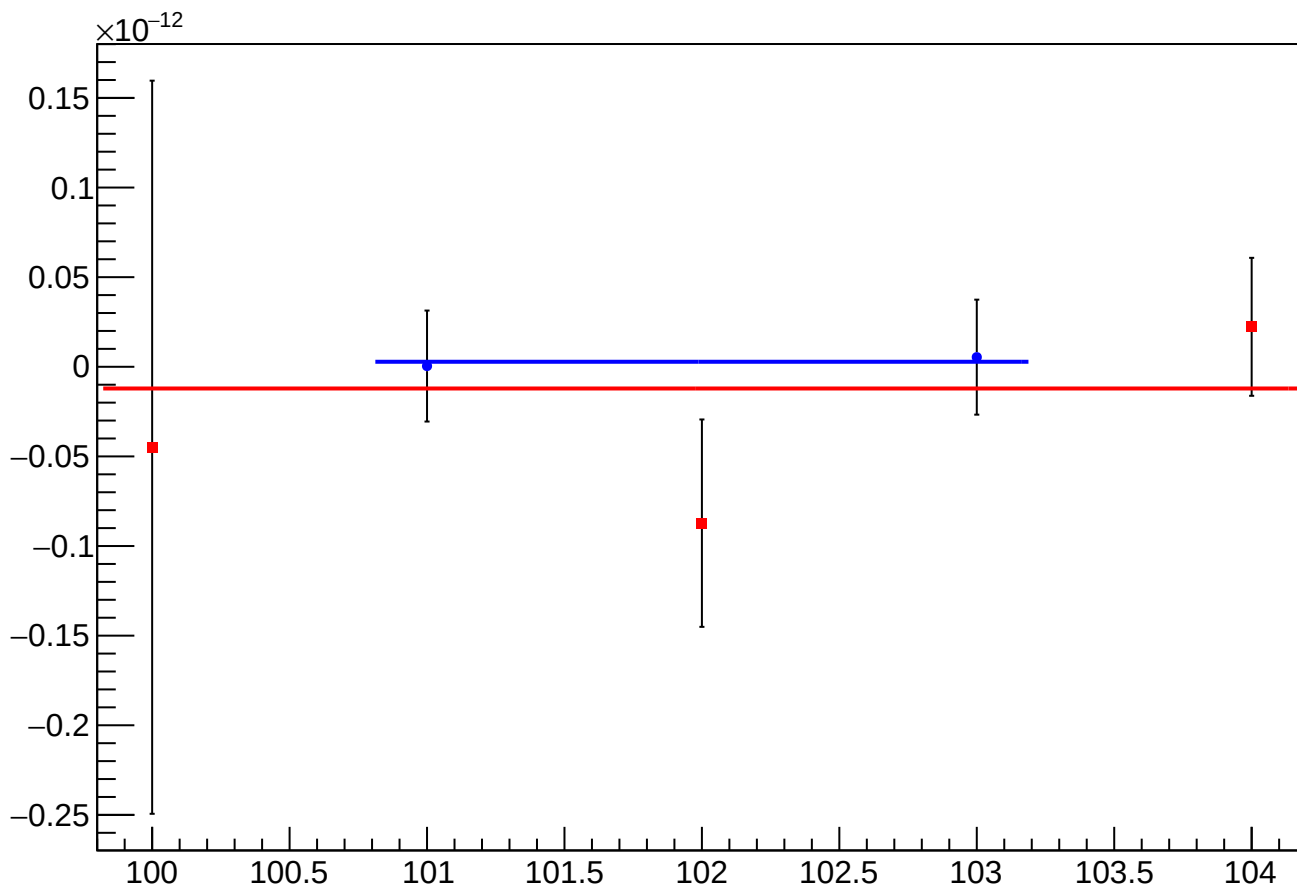
Right: 664.408 $\pm$ 0.299 χ^2 /NDF: 9864.2/4

In: 661.592 $\pm$ 0.418 χ^2 /NDF: 8482.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 664.408 $\pm$ 0.299 χ^2 /NDF: 9864.2/4

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 : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

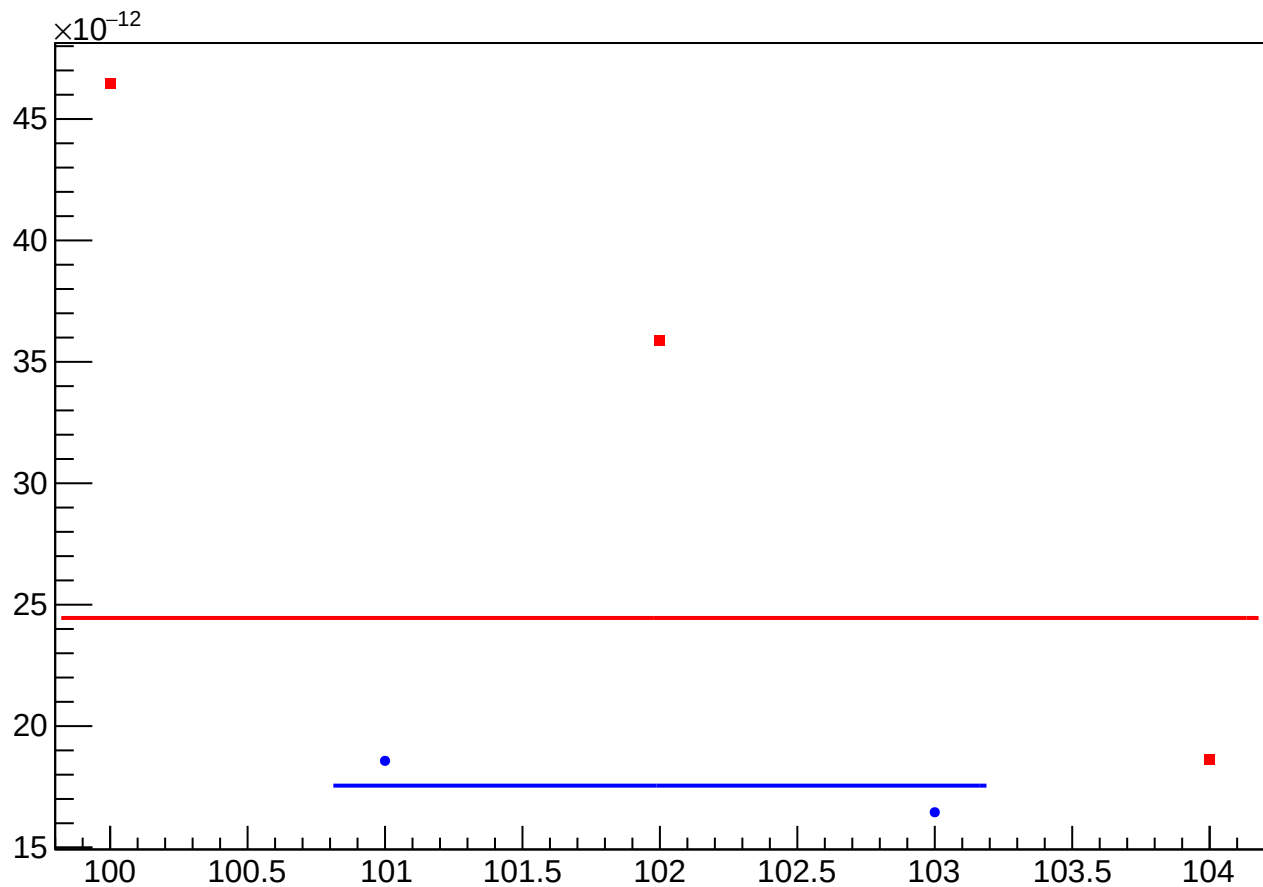
Right: -0.000+/-0.000 χ^2/NDF : 2.7/4

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 : 2.7/4

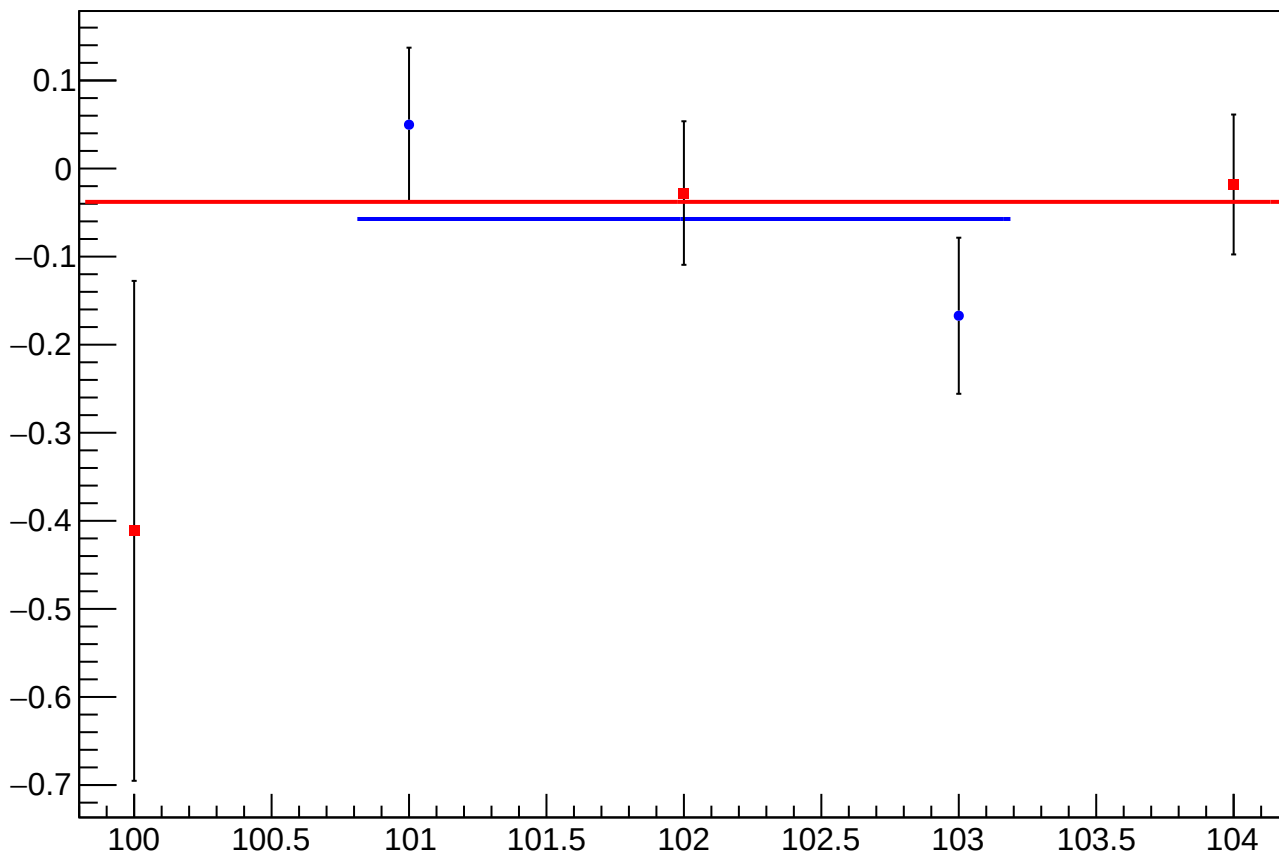
asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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 : 147520.8/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 215659.0/4
 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 : 215659.0/4

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: -0.038+/-0.056 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

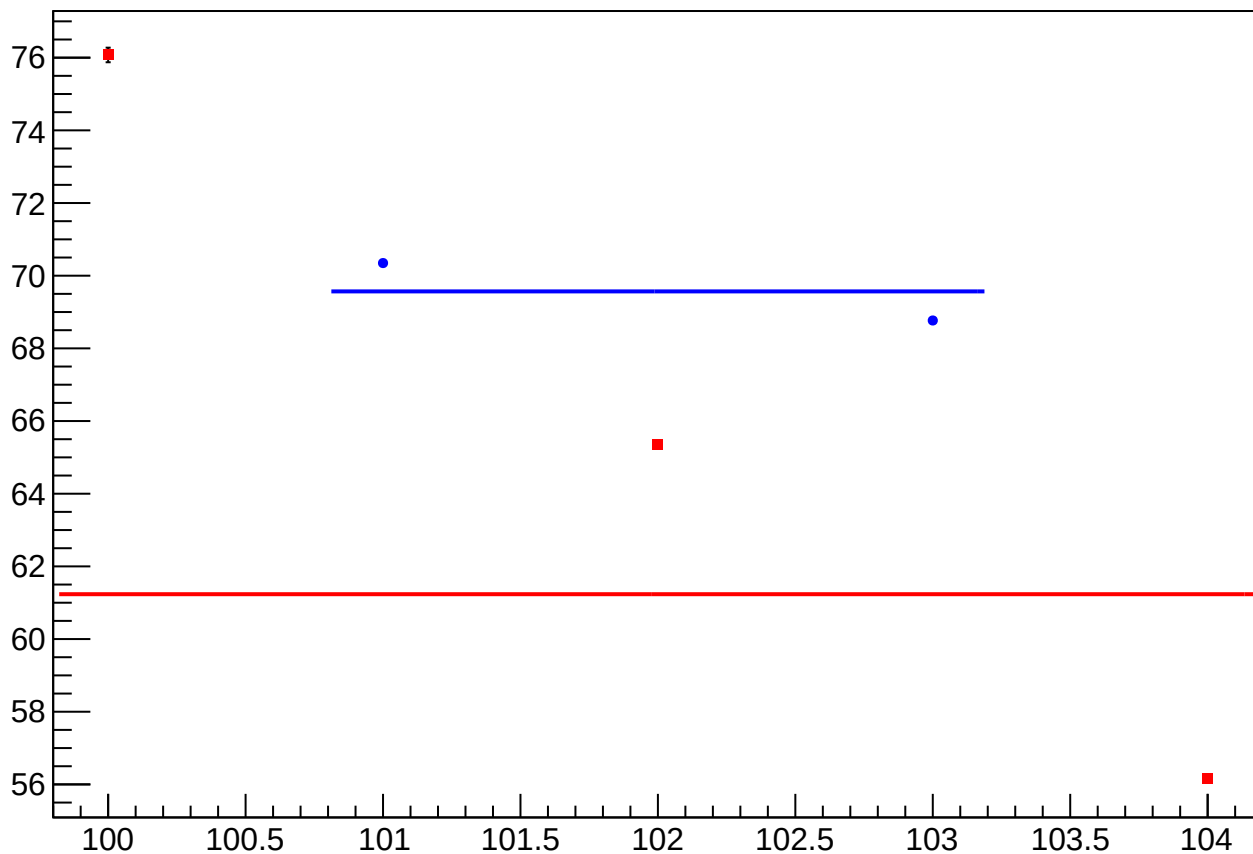
Right: -0.047+/-0.042 χ^2/NDF : 4.9/4

In: -0.057+/-0.062 χ^2/NDF :3.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.047+/-0.042 χ^2/NDF : 4.9/4

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568+/-0.044 χ^2/NDF : 322.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.235+/-0.039 χ^2/NDF : 18767.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

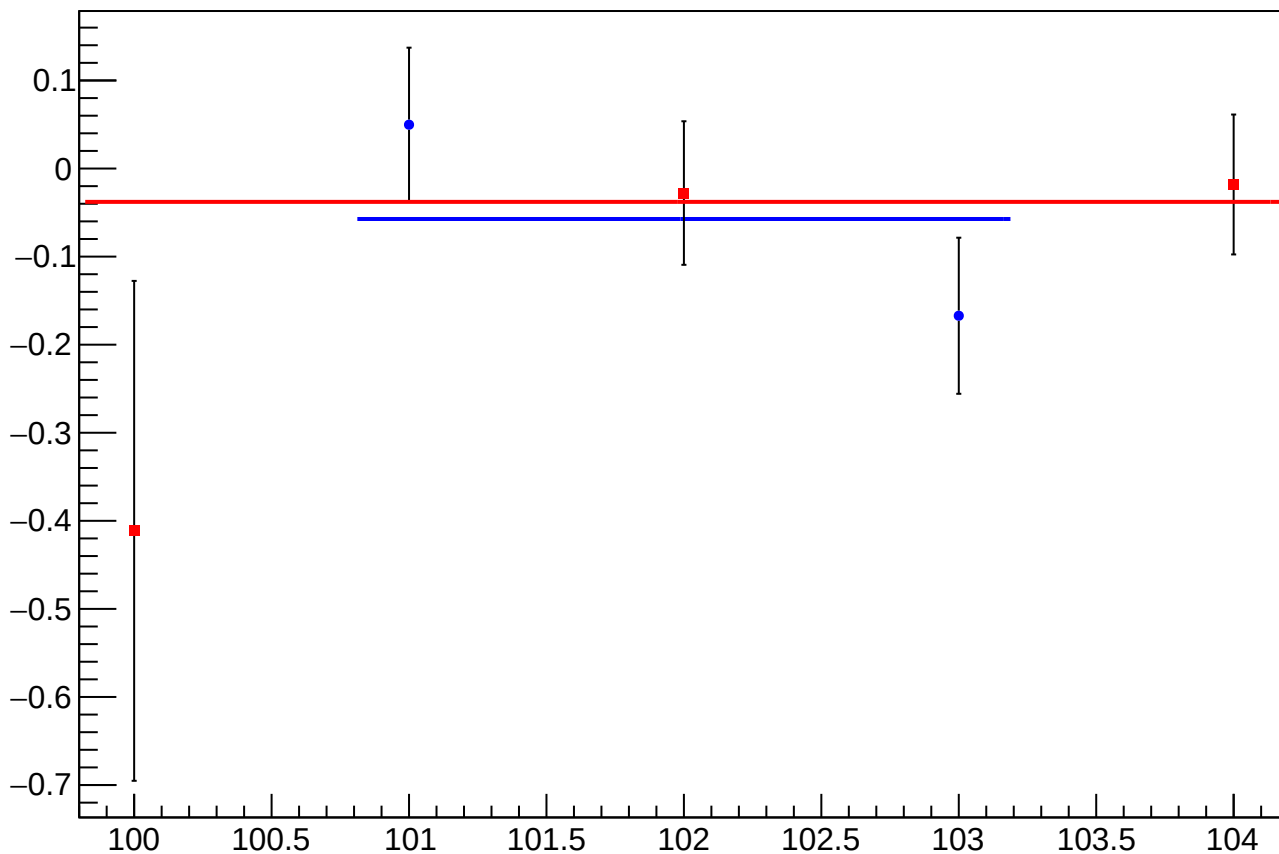
Right: 64.945+/-0.029 χ^2/NDF : 38968.9/4

In: 69.568+/-0.044 χ^2/NDF : 322.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.945+/-0.029 χ^2/NDF : 38968.9/4

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.057+/-0.062 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.038+/-0.056 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

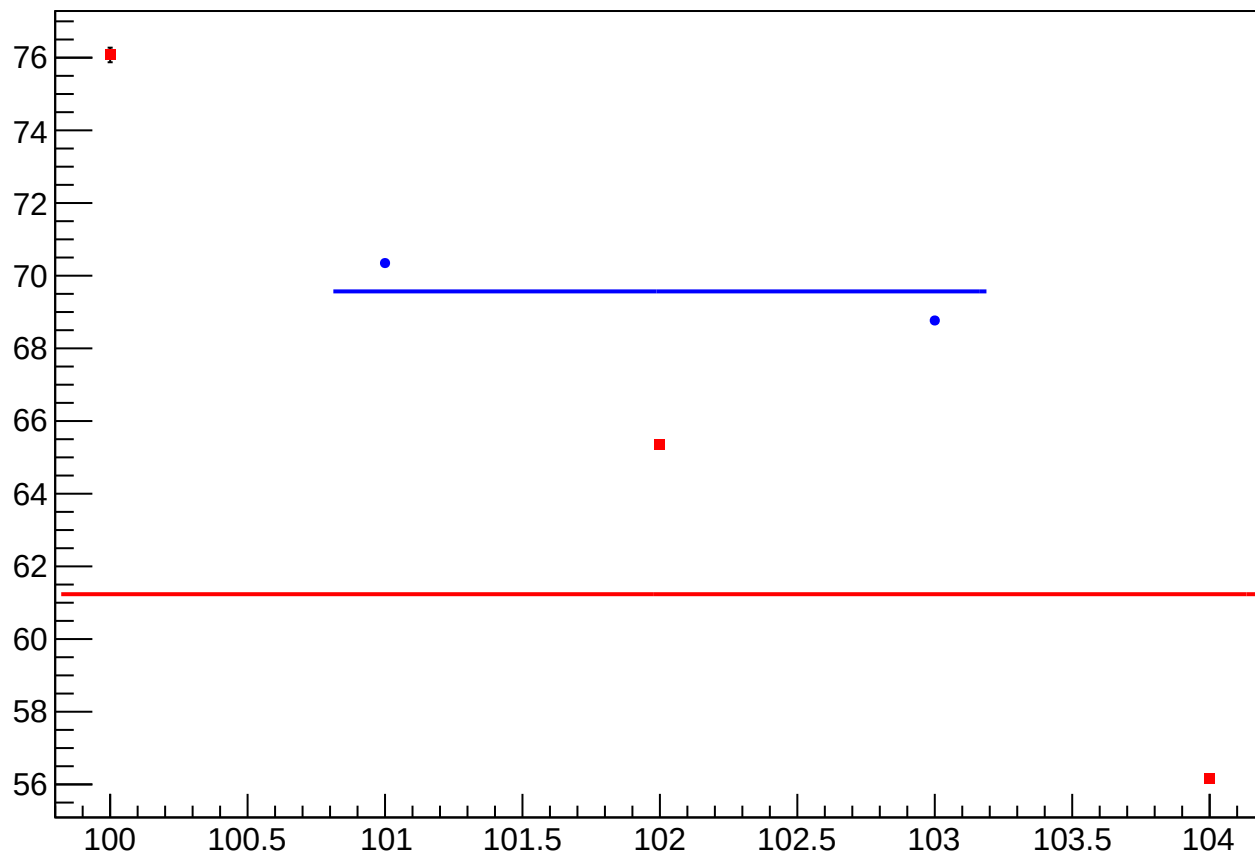
Right: -0.047+/-0.042 χ^2/NDF : 4.9/4

In: -0.057+/-0.062 χ^2/NDF :3.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.047+/-0.042 χ^2/NDF : 4.9/4

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.568+/-0.044 χ^2/NDF : 322.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.235+/-0.039 χ^2/NDF : 18767.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

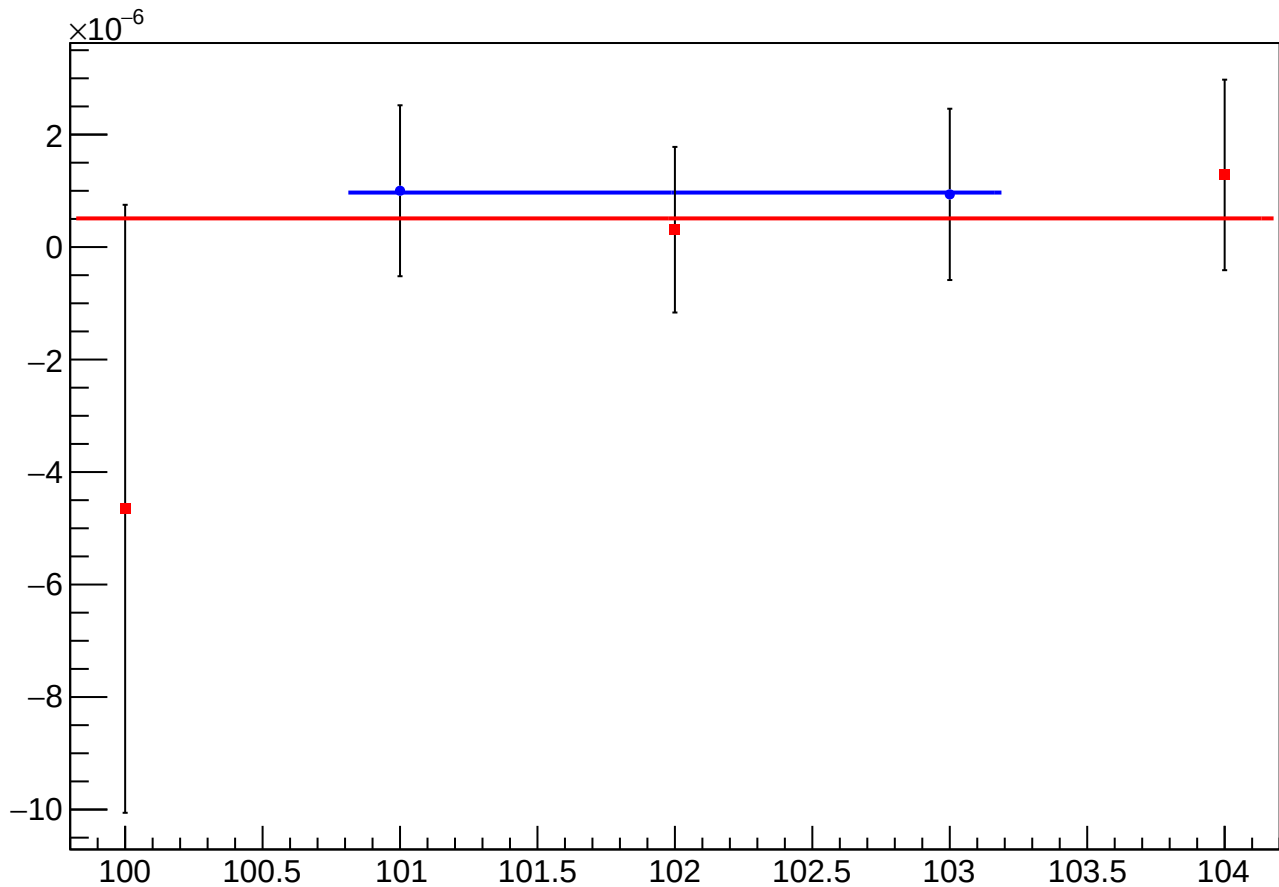
Right: 64.945+/-0.029 χ^2/NDF : 38968.9/4

In: 69.568+/-0.044 χ^2/NDF : 322.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.945+/-0.029 χ^2/NDF : 38968.9/4

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 : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

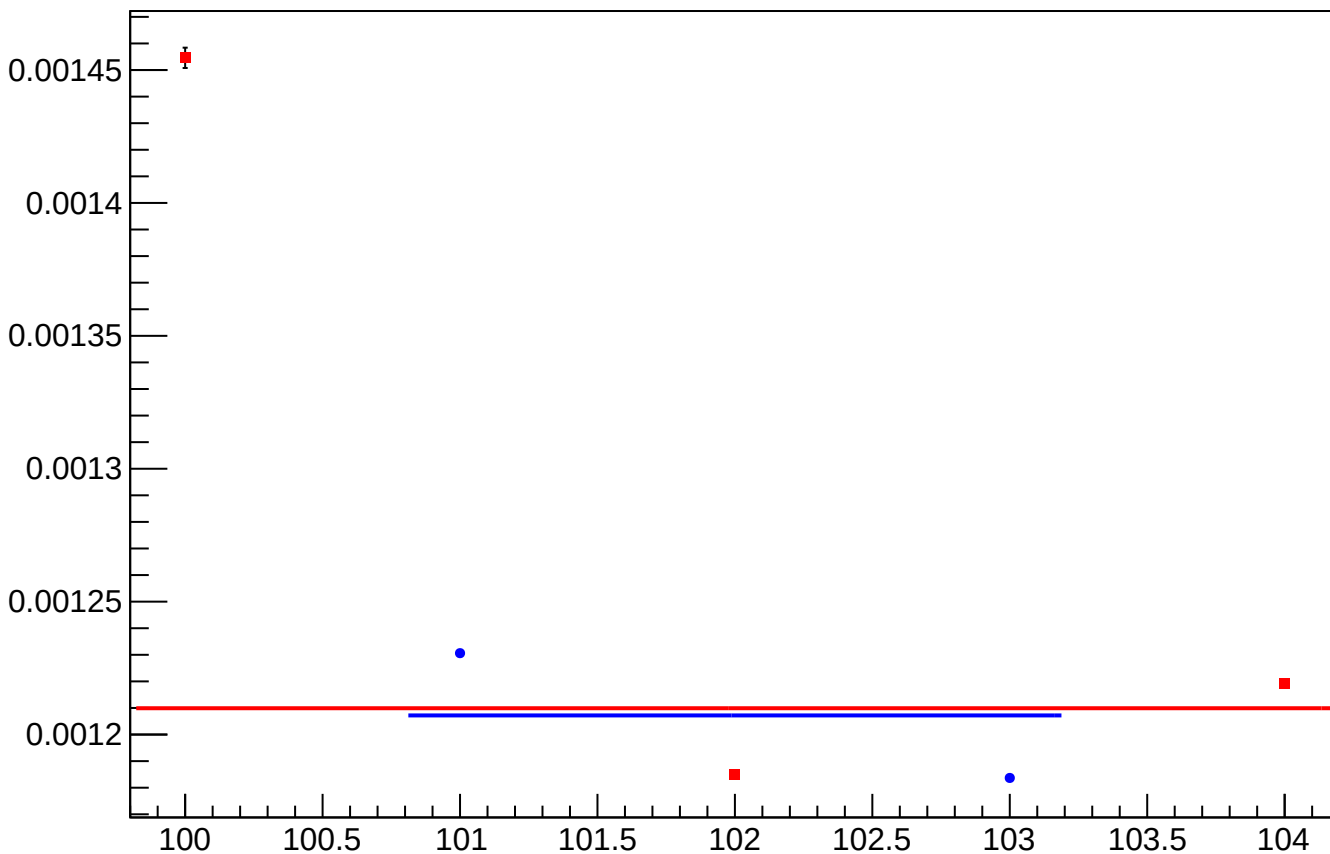
Right: 0.000+/-0.000 χ^2/NDF : 1.2/4

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 : 1.2/4

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 952.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4740.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

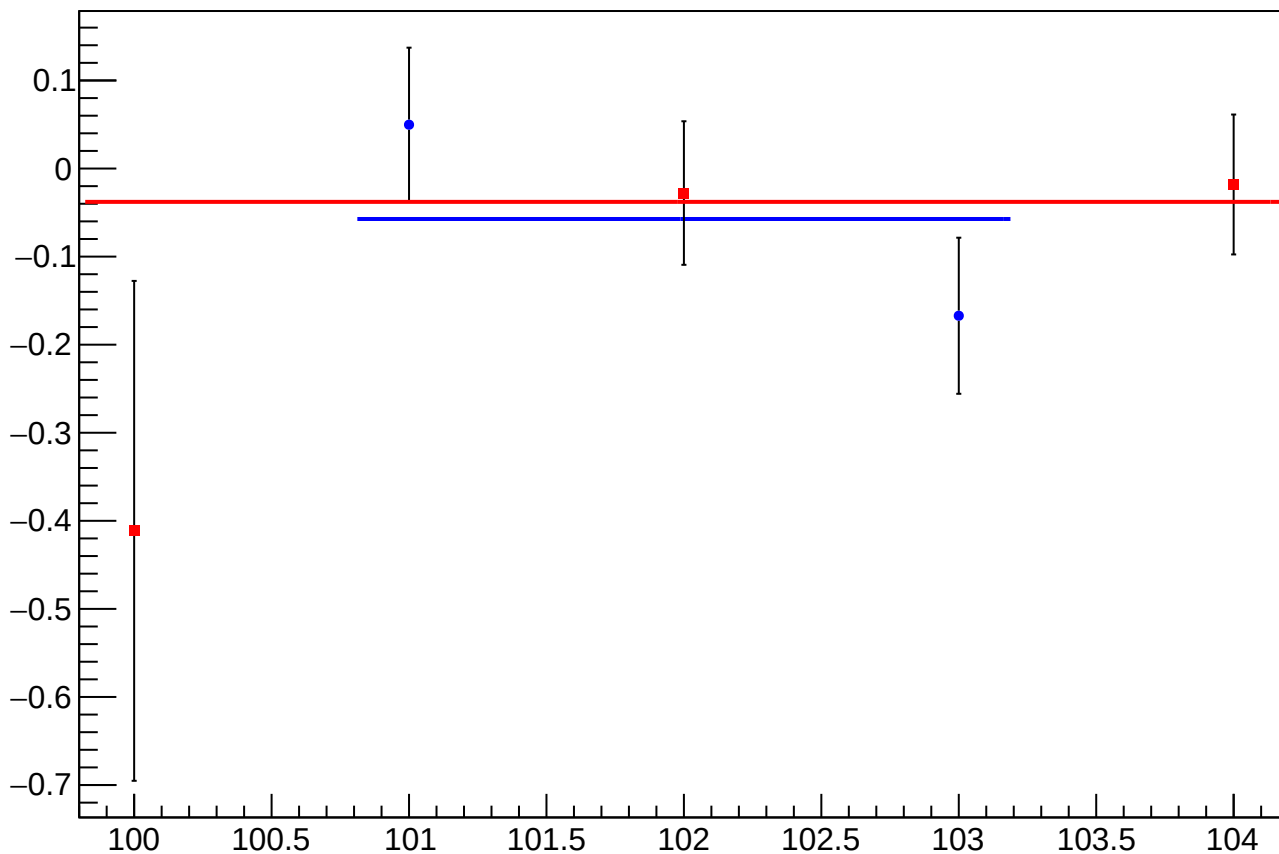
Right: 0.001+/-0.000 χ^2/NDF : 5698.8/4

In: 0.001+/-0.000 χ^2/NDF : 952.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5698.8/4

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: -0.038+/-0.056 χ^2 /NDF: 1.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

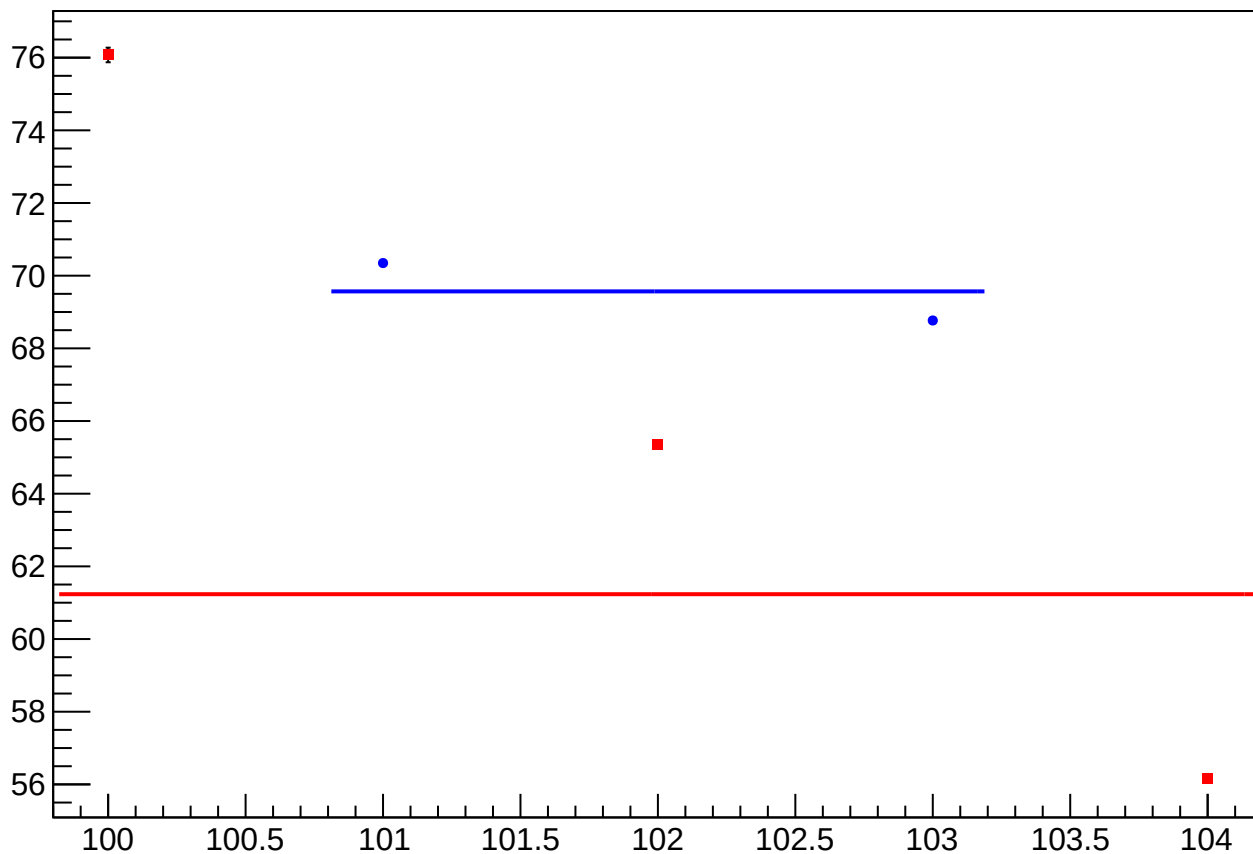
Right: -0.047+/-0.042 χ^2 /NDF: 4.9/4

In: -0.057+/-0.062 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.047+/-0.042 χ^2 /NDF: 4.9/4

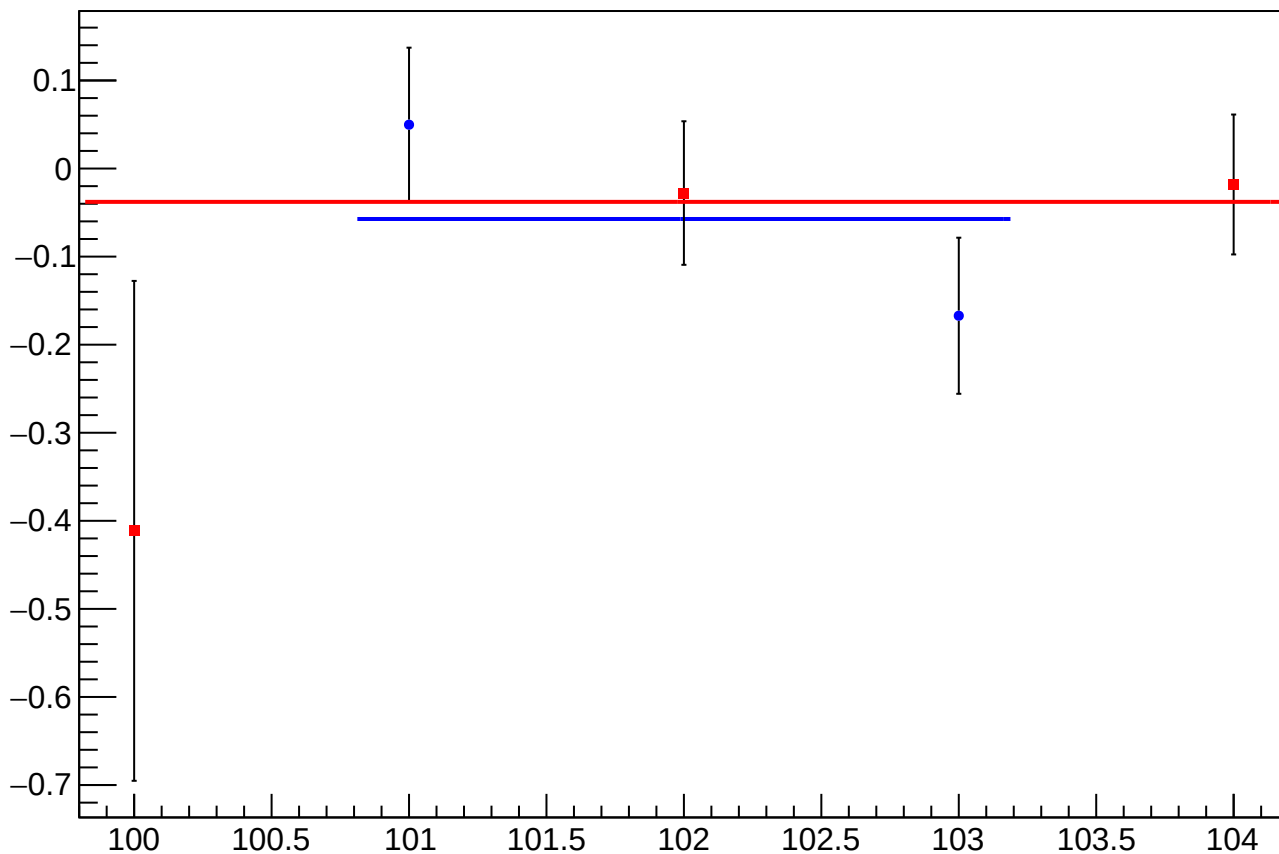
asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567 $\pm$ 0.044 χ^2 /NDF: 322.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 61.234 $\pm$ 0.039 χ^2 /NDF: 18768.2/2
 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: 64.945 $\pm$ 0.029 χ^2 /NDF: 38969.7/4
 In: 69.567 $\pm$ 0.044 χ^2 /NDF: 322.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 64.945 $\pm$ 0.029 χ^2 /NDF: 38969.7/4

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: -0.038 $\pm$ 0.056 χ^2 /NDF: 1.8/2

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

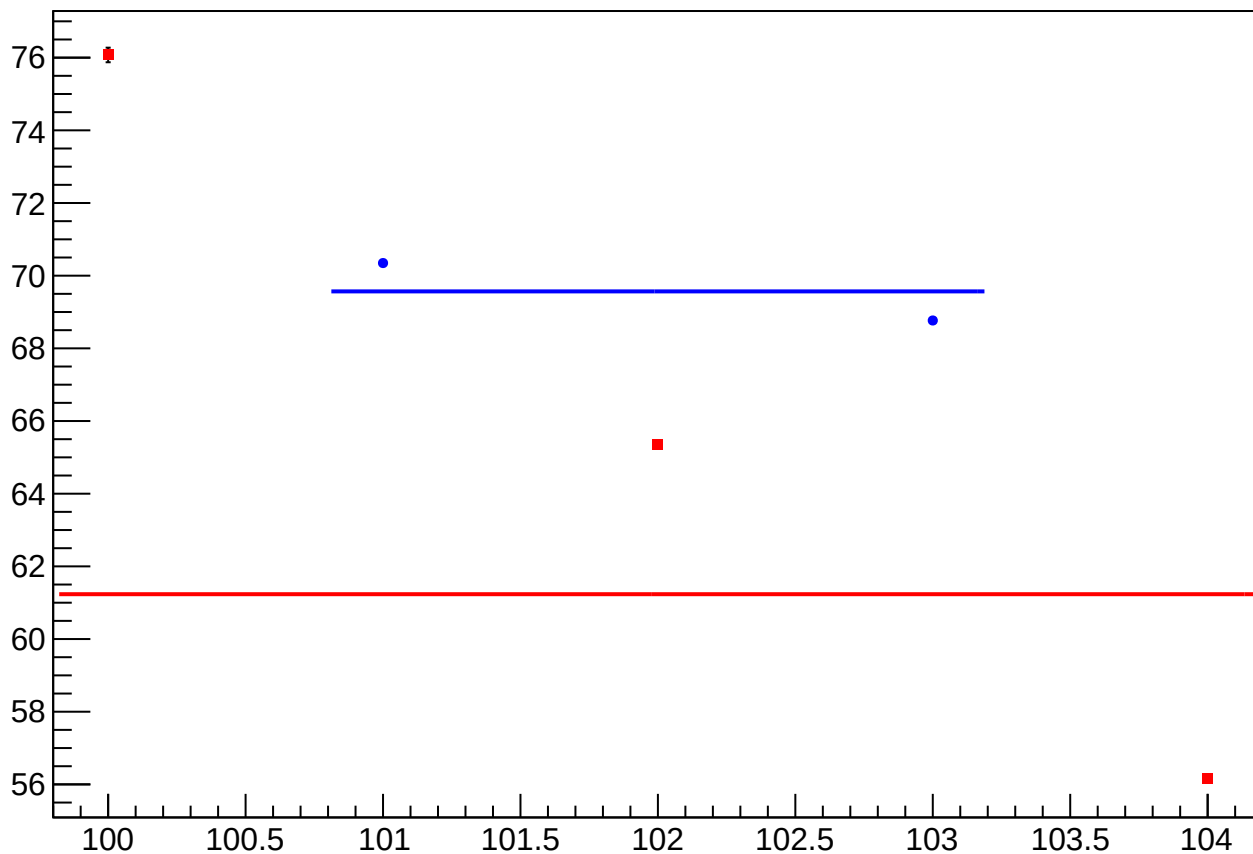
Right: -0.047 $\pm$ 0.042 χ^2 /NDF: 4.9/4

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: -0.047 $\pm$ 0.042 χ^2 /NDF: 4.9/4

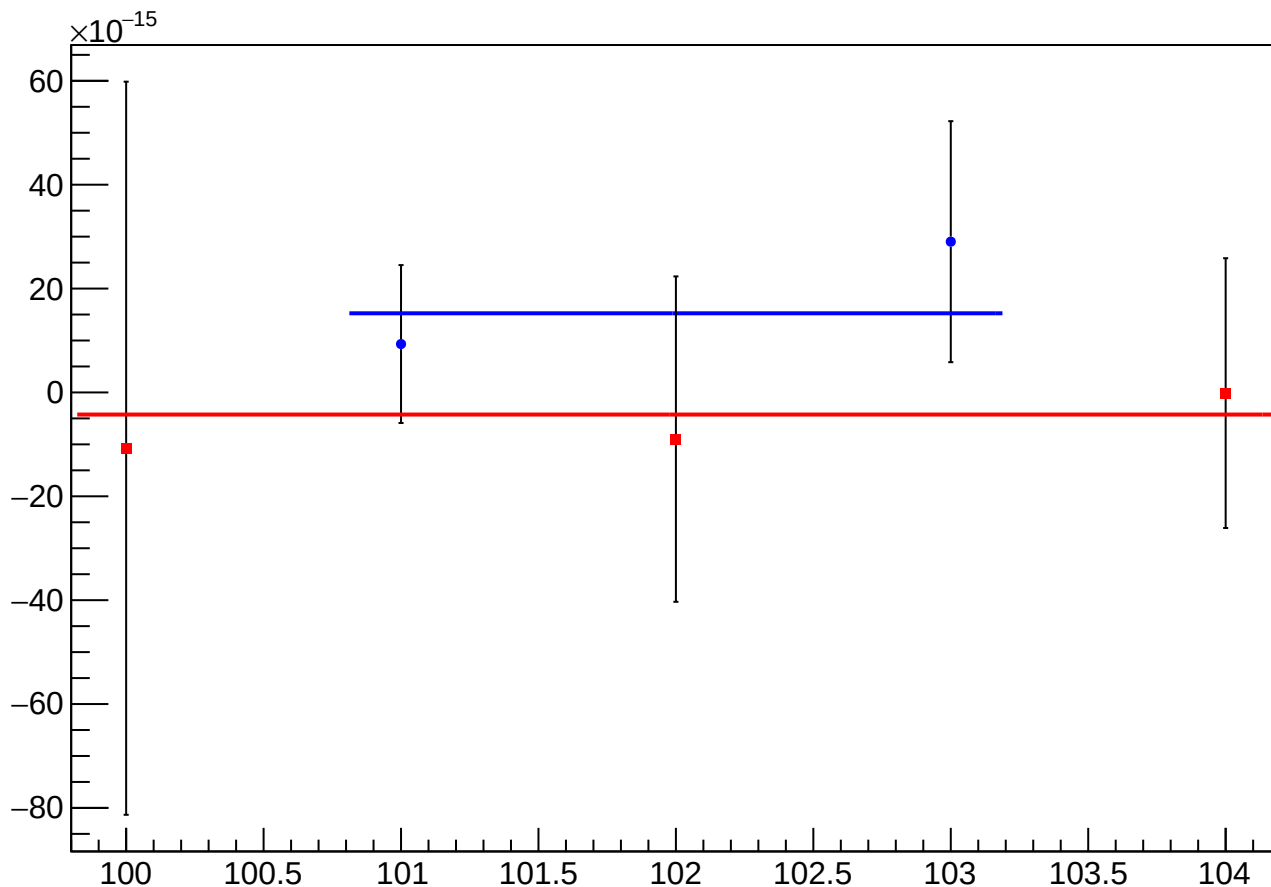
asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 69.567 $\pm$ 0.044 χ^2 /NDF: 322.3/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 61.234 $\pm$ 0.039 χ^2 /NDF: 18768.2/2
 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: 64.945 $\pm$ 0.029 χ^2 /NDF: 38969.7/4
 In: 69.567 $\pm$ 0.044 χ^2 /NDF: 322.3/1
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 64.945 $\pm$ 0.029 χ^2 /NDF: 38969.7/4

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 : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

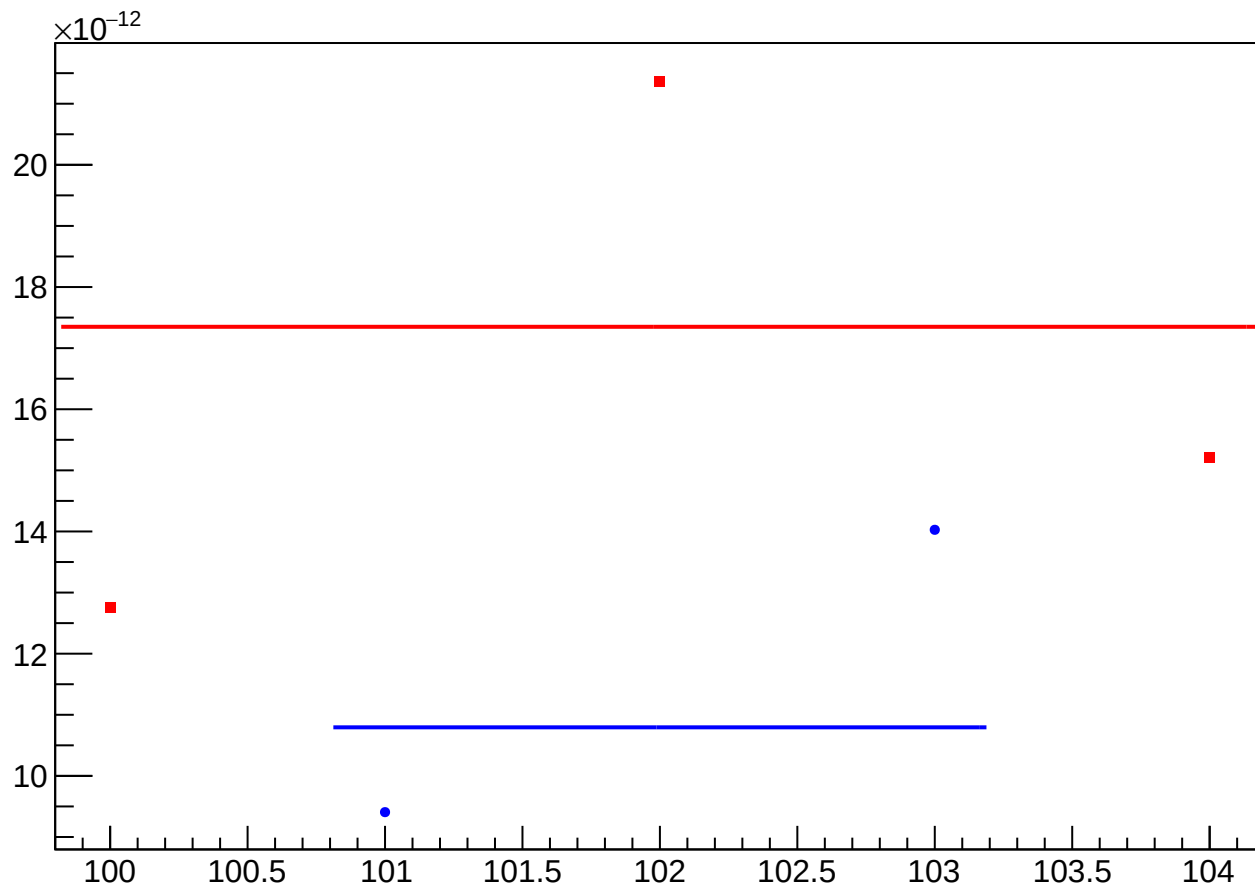
Right: 0.000+/-0.000 χ^2/NDF : 1.3/4

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 : 1.3/4

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 : 55033.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

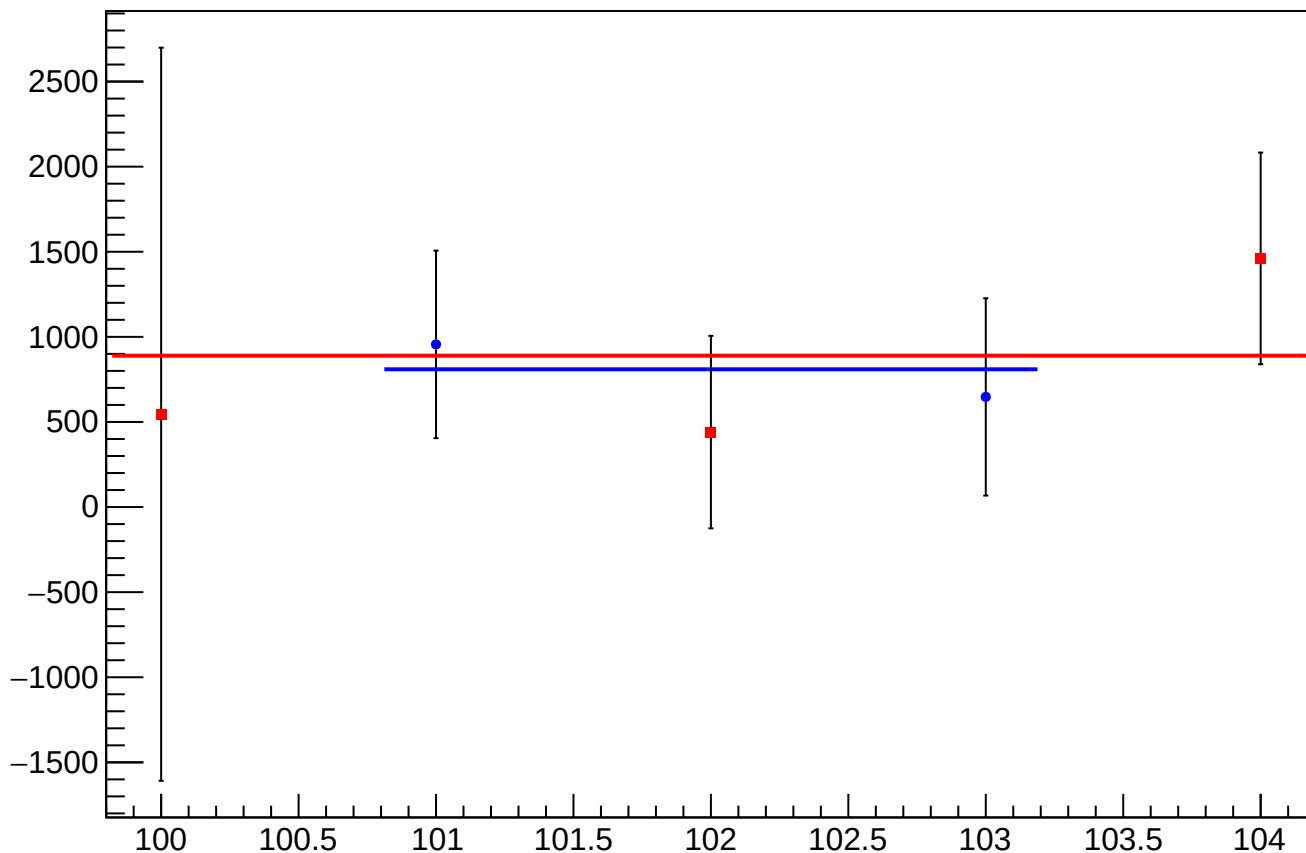
Right: 0.000+/-0.000 χ^2/NDF : 272083.2/4

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 : 272083.2/4

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 809.306+/-399.392 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.441+/-410.748 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

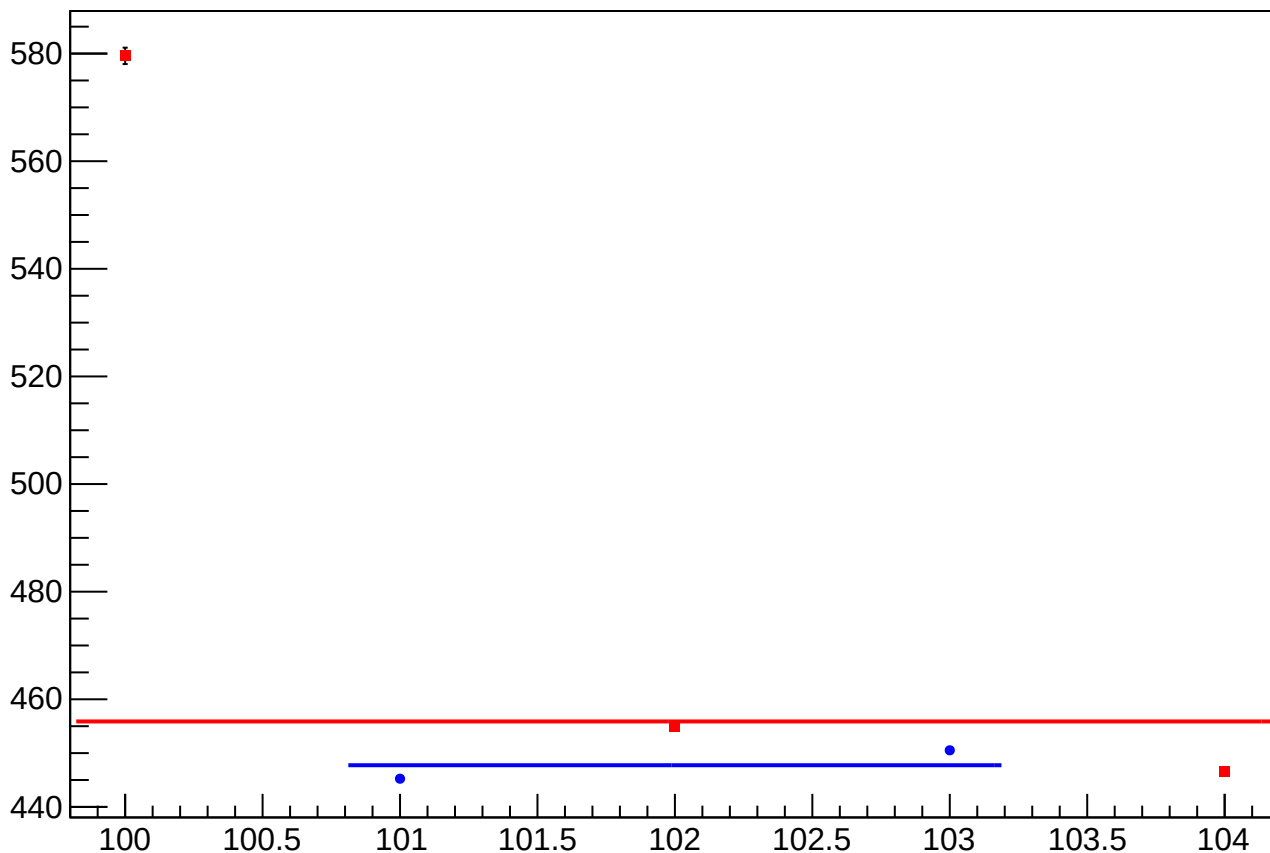
Right: 848.250+/-286.343 χ^2/NDF : 1.7/4

In: 809.306+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.250+/-286.343 χ^2/NDF : 1.7/4

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.749+/-0.282 χ^2/NDF : 87.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.885+/-0.290 χ^2/NDF : 7040.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

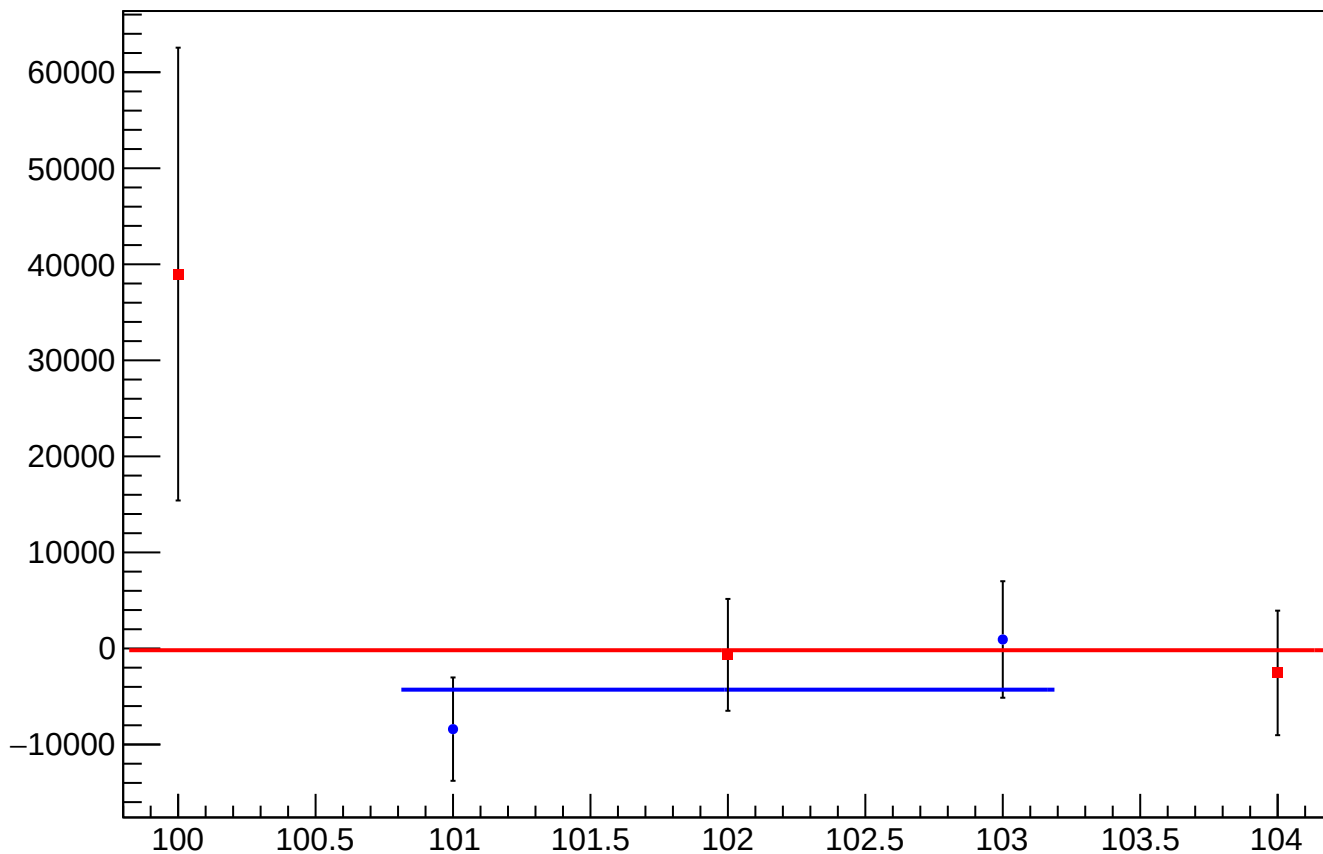
Right: 451.703+/-0.202 χ^2/NDF : 7530.7/4

In: 447.749+/-0.282 χ^2/NDF : 87.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.703+/-0.202 χ^2/NDF : 7530.7/4

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: -183.521+/-4260.826 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

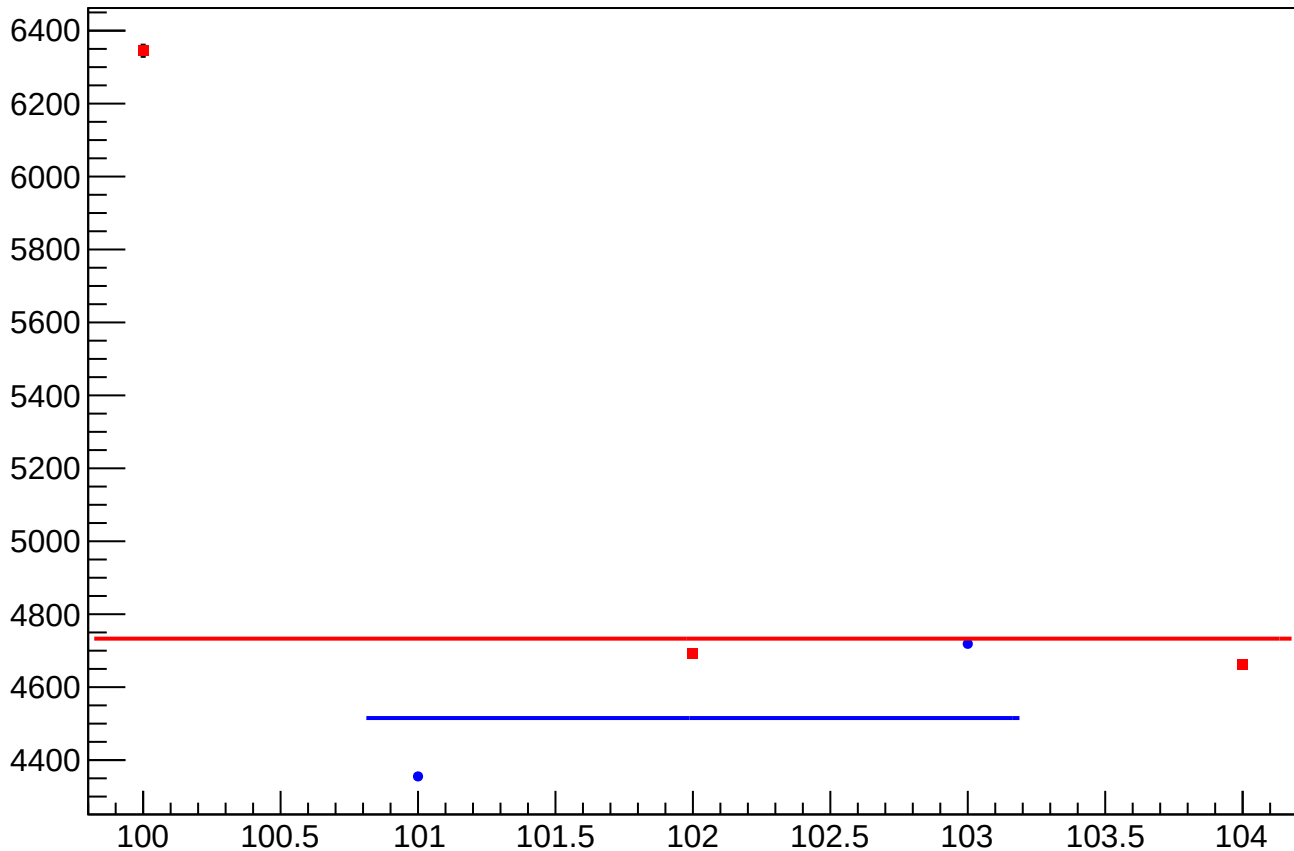
Right: -2354.017+/-2925.973 χ^2/NDF : 4.7/4

In: -4291.021+/-4025.127 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2354.017+/-2925.973 χ^2/NDF : 4.7/4

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: 4733.012+/-3.013 χ^2/NDF : 9692.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

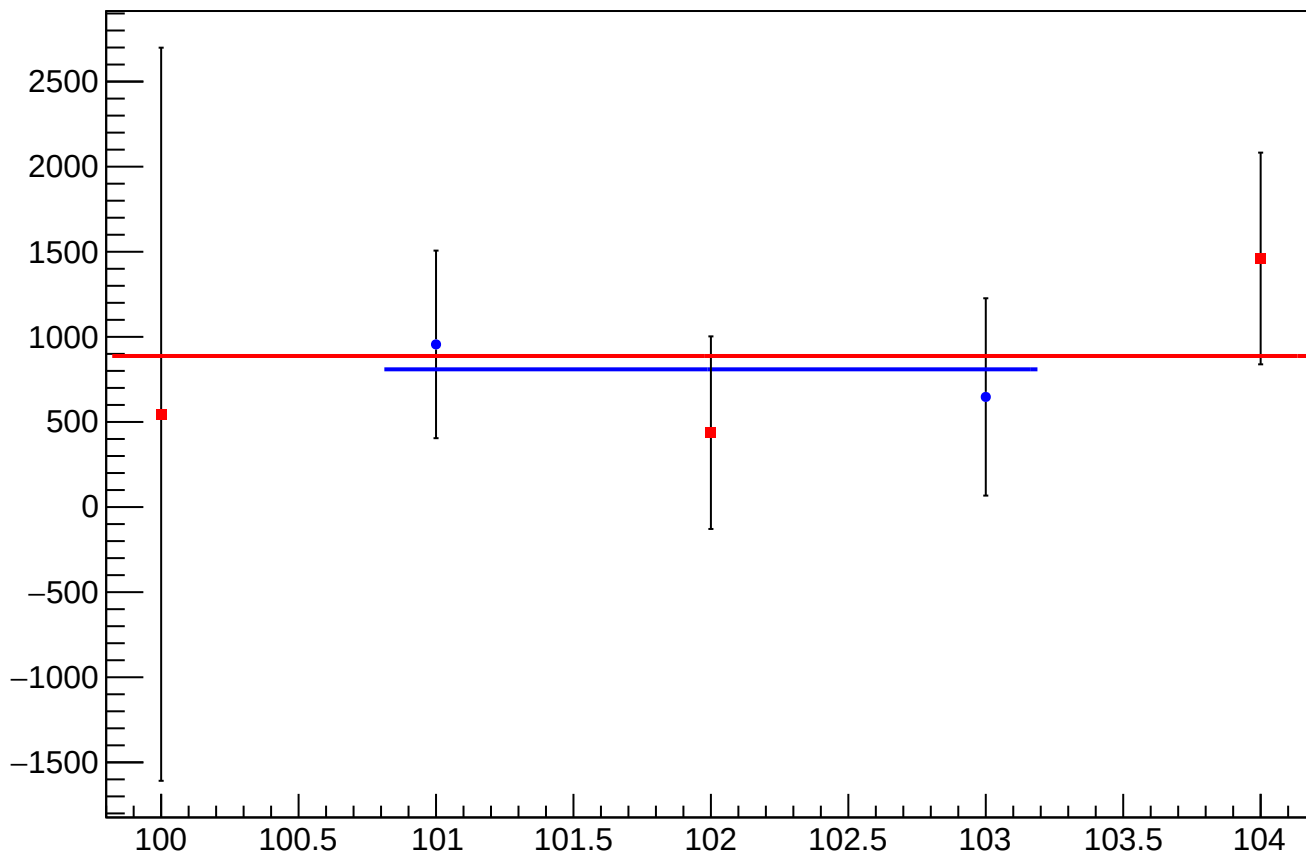
Right: 4617.968+/-2.069 χ^2/NDF : 16471.8/4

In: 4515.299+/-2.846 χ^2/NDF : 4020.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4617.968+/-2.069 χ^2/NDF : 16471.8/4

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: 887.613+/-410.839 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

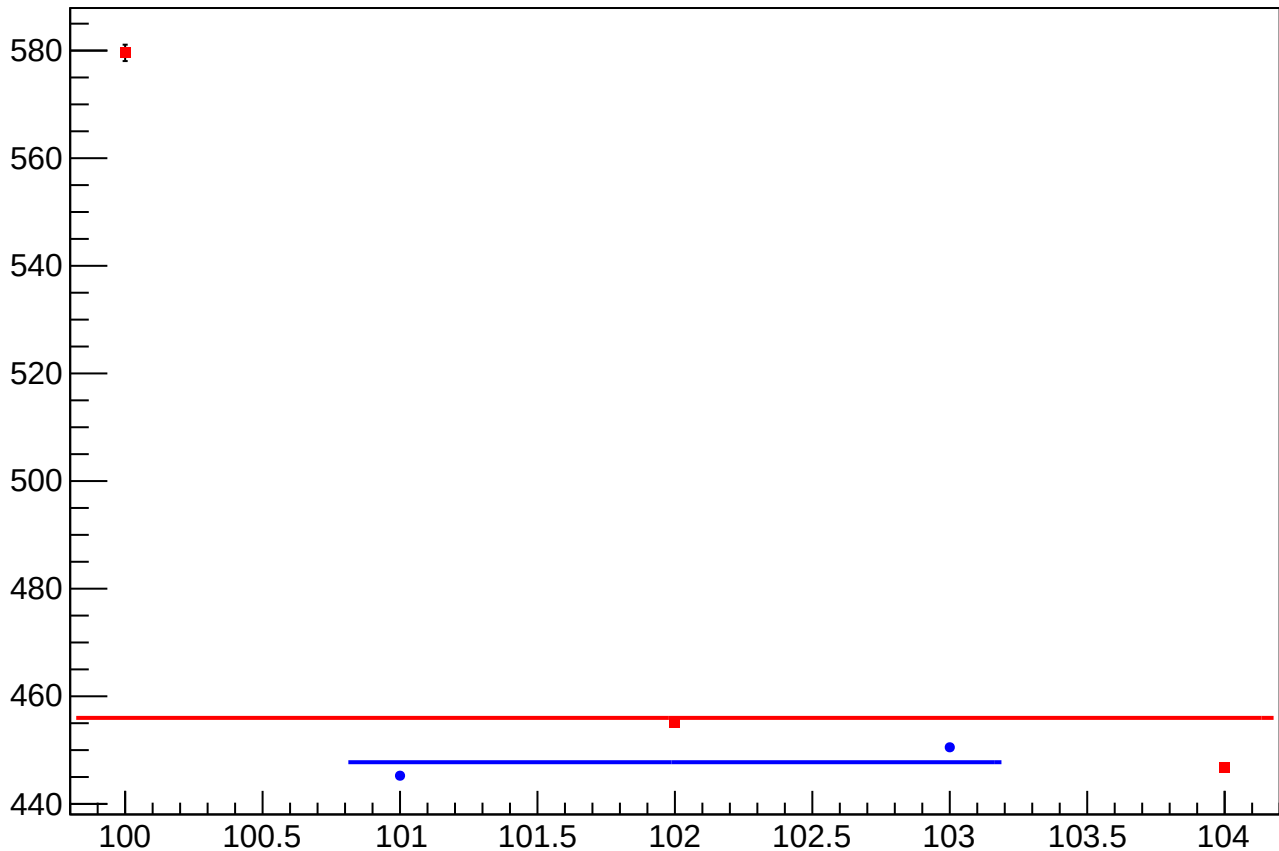
Right: 847.317+/-286.374 χ^2/NDF : 1.7/4

In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.317+/-286.374 χ^2/NDF : 1.7/4

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: 455.988+/-0.291 χ^2/NDF : 7037.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

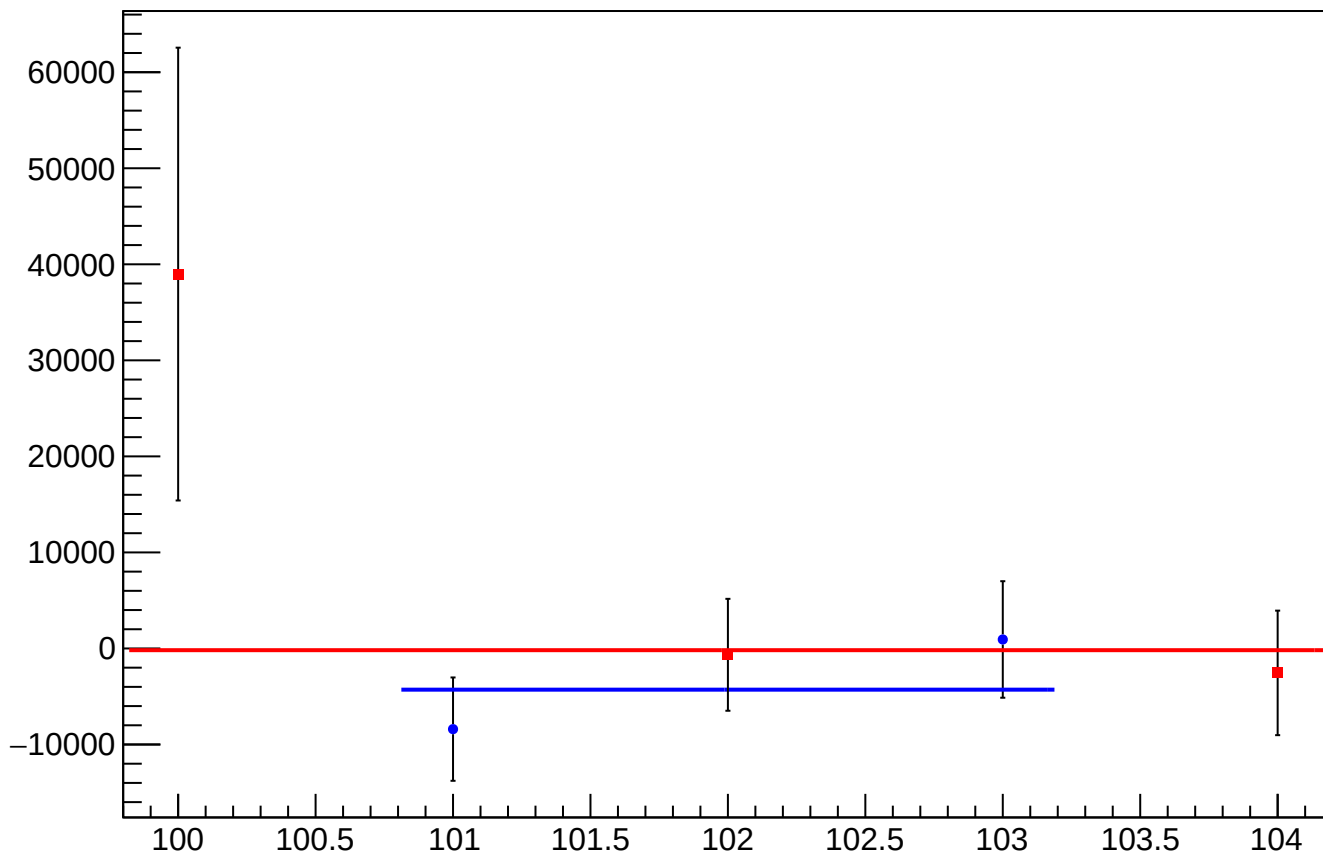
Right: 451.752+/-0.202 χ^2/NDF : 7538.4/4

In: 447.750+/-0.282 χ^2/NDF : 87.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.752+/-0.202 χ^2/NDF : 7538.4/4

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: -179.290+/-4261.986 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

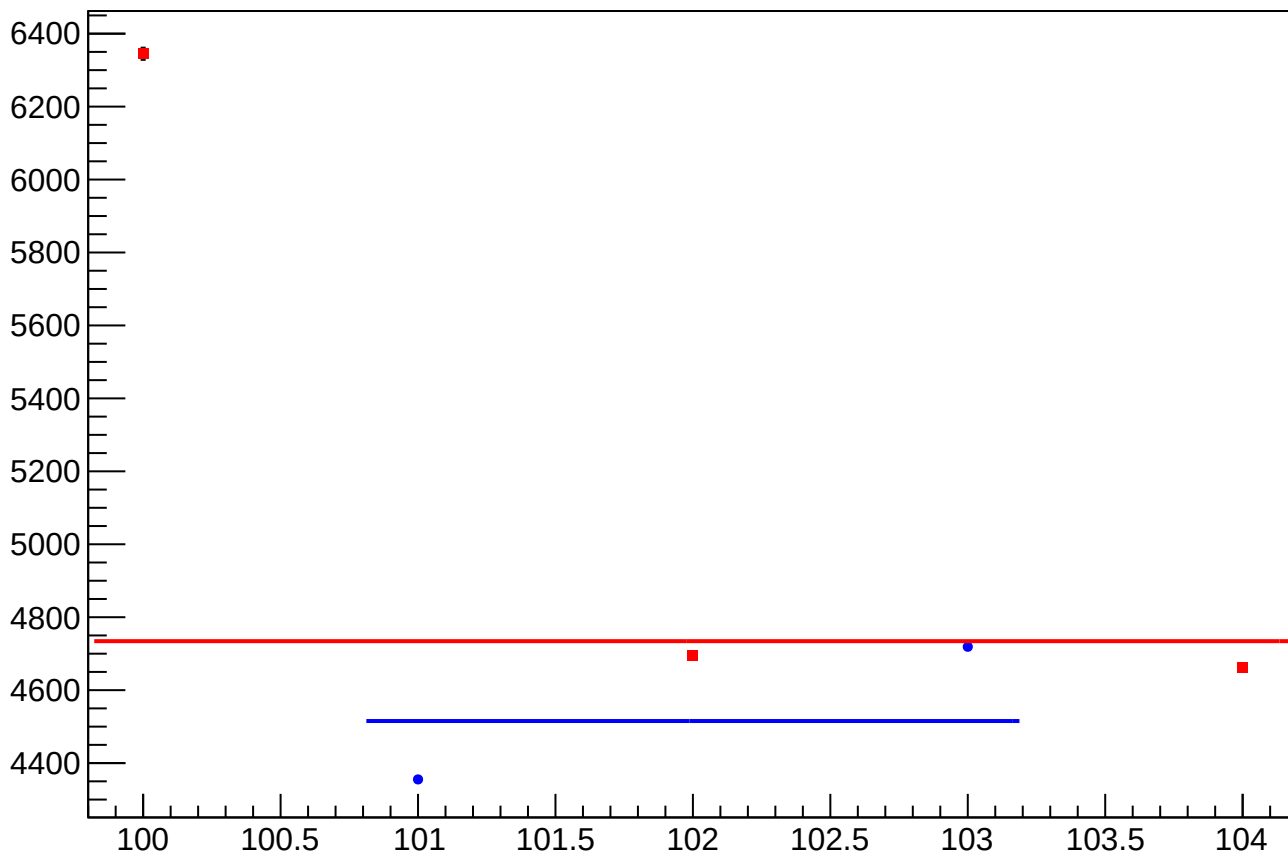
Right: -2352.192+/-2926.375 χ^2/NDF : 4.7/4

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2352.192+/-2926.375 χ^2/NDF : 4.7/4

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: 4734.327+/-3.014 χ^2/NDF : 9680.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

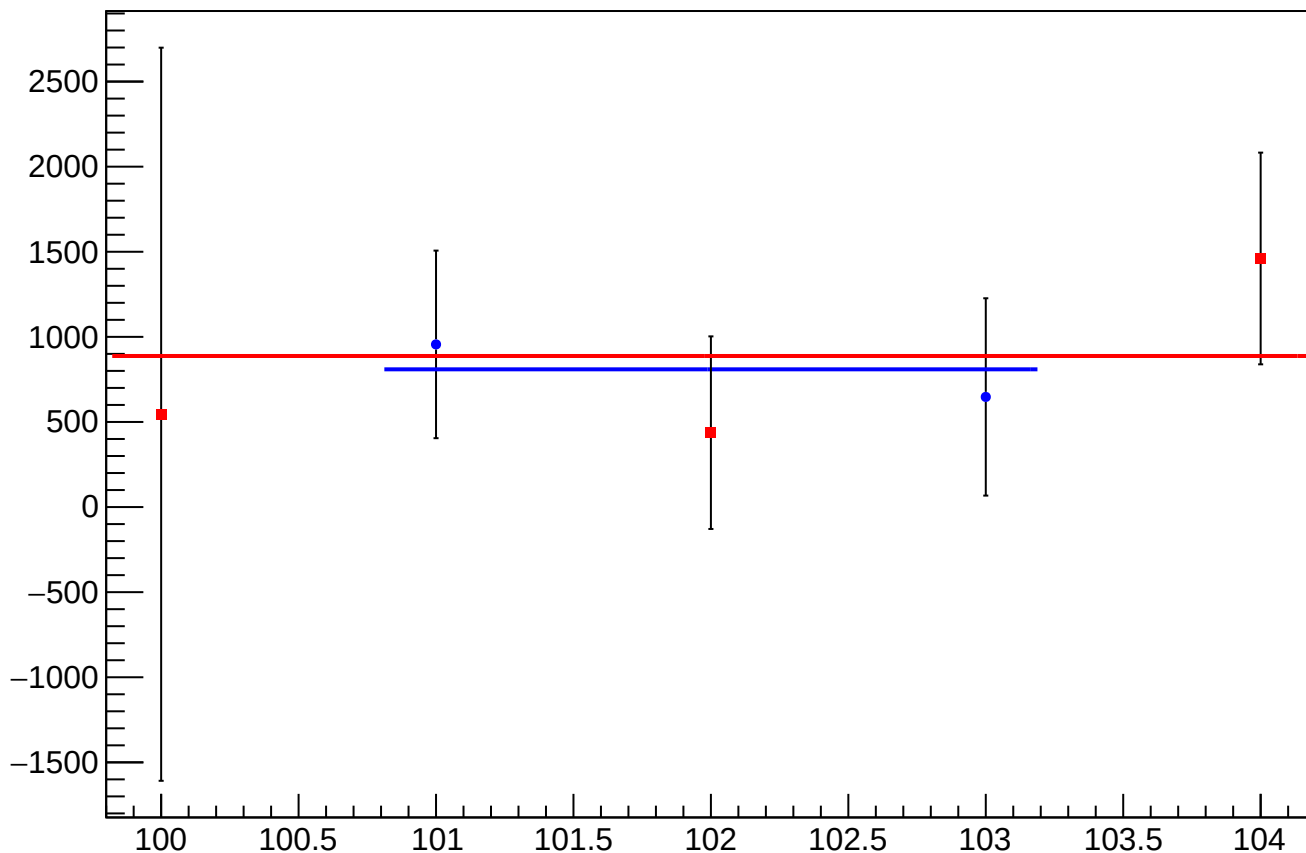
Right: 4618.598+/-2.069 χ^2/NDF : 16494.0/4

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4618.598+/-2.069 χ^2/NDF : 16494.0/4

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: 887.613+/-410.839 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

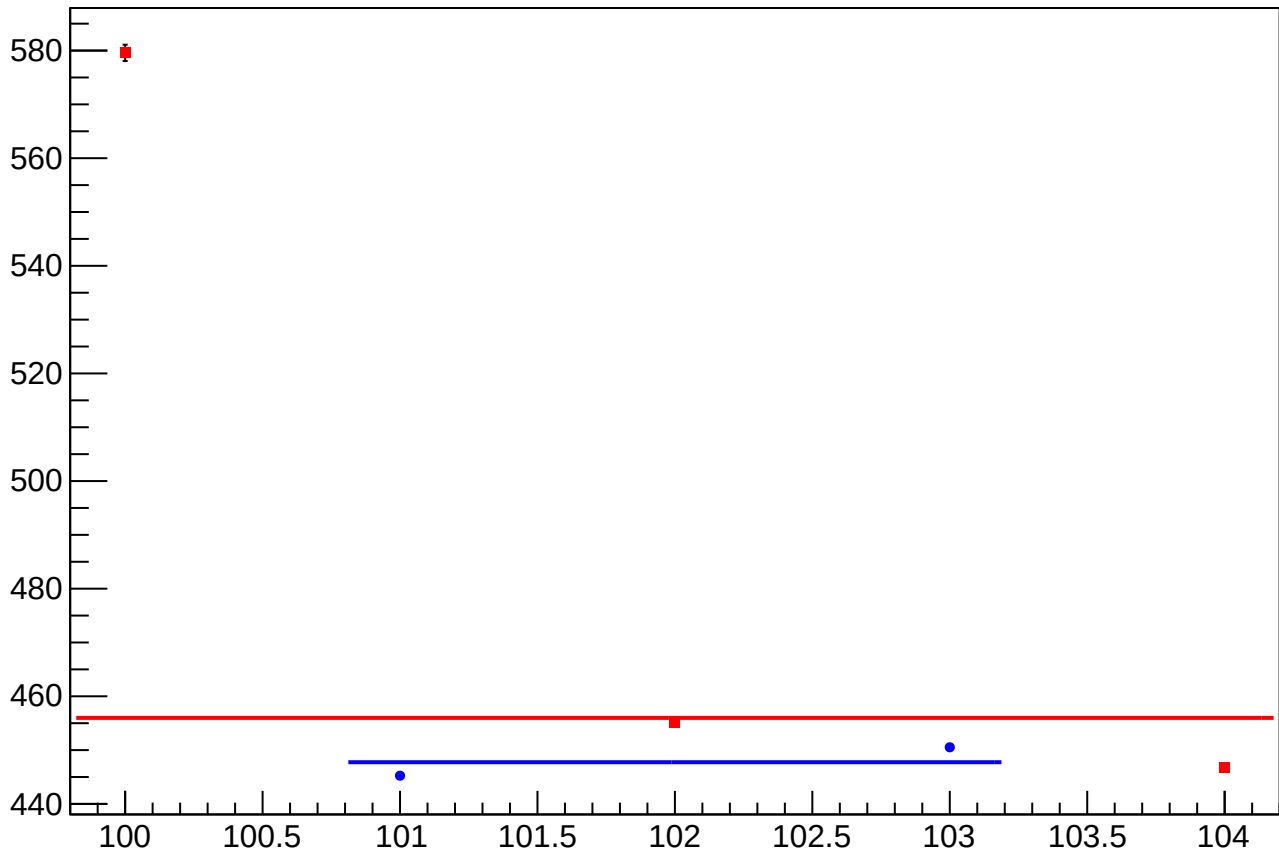
Right: 847.317+/-286.374 χ^2/NDF : 1.7/4

In: 809.236+/-399.392 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 847.317+/-286.374 χ^2/NDF : 1.7/4

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 447.750 ± 0.282 $\chi^2/\text{NDF}: 87.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 455.988 ± 0.291 $\chi^2/\text{NDF}: 7037.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

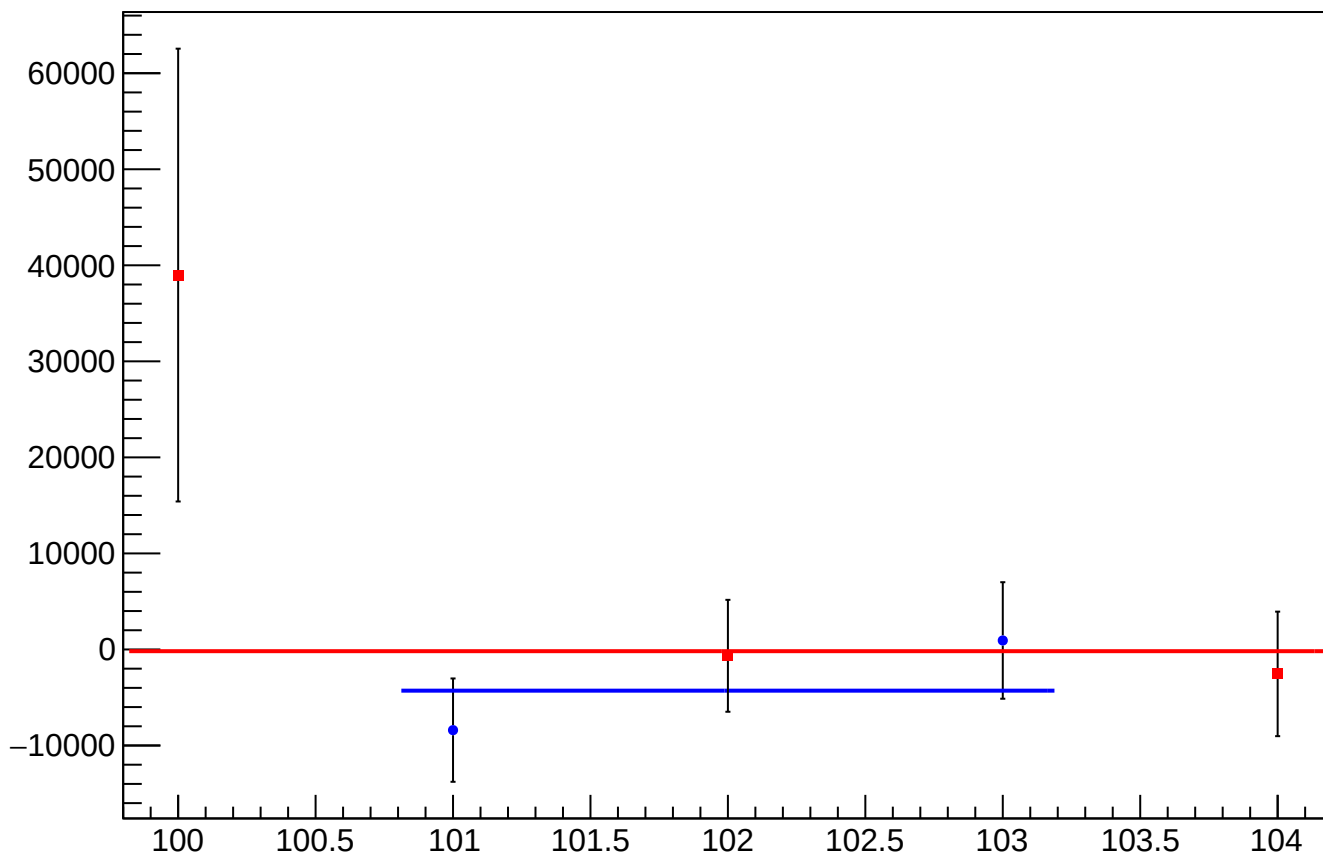
Right: 451.752 ± 0.202 $\chi^2/\text{NDF}: 7538.4/4$

In: 447.750 ± 0.282 $\chi^2/\text{NDF}: 87.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 451.752 ± 0.202 $\chi^2/\text{NDF}: 7538.4/4$

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: -179.290+/-4261.986 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

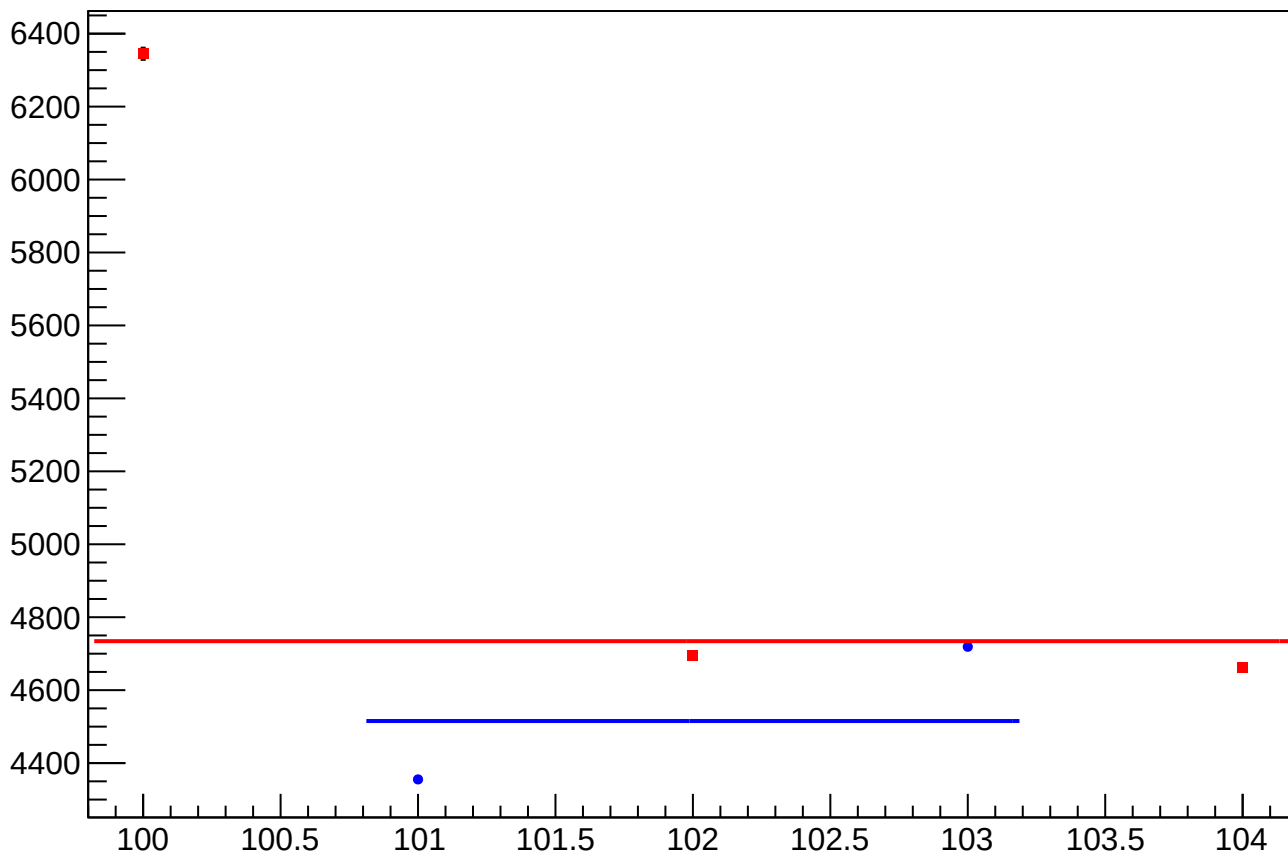
Right: -2352.192+/-2926.375 χ^2/NDF : 4.7/4

In: -4290.354+/-4025.196 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2352.192+/-2926.375 χ^2/NDF : 4.7/4

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: 4734.327+/-3.014 χ^2/NDF : 9680.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

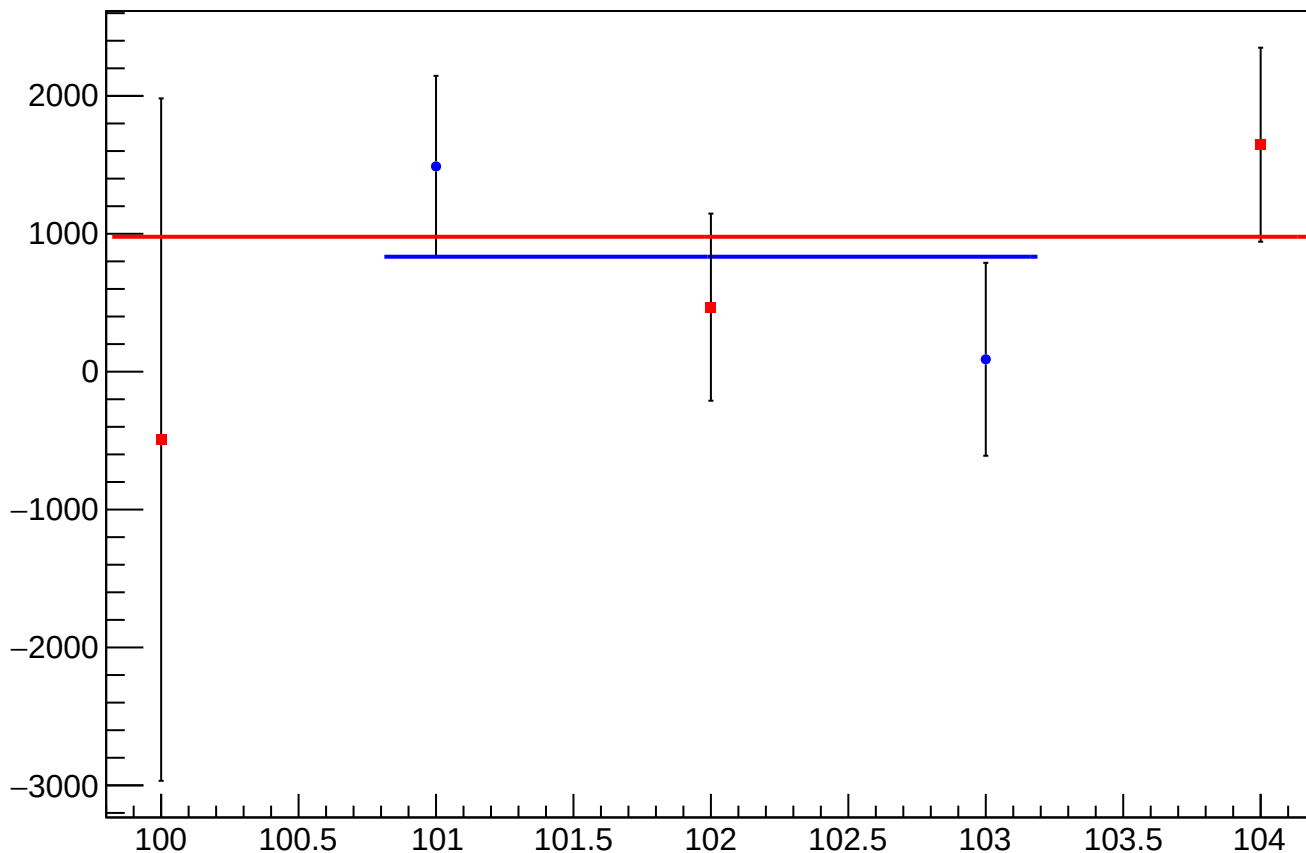
Right: 4618.598+/-2.069 χ^2/NDF : 16494.0/4

In: 4515.370+/-2.846 χ^2/NDF : 4023.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4618.598+/-2.069 χ^2/NDF : 16494.0/4

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.715 $\pm$ 478.782 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 978.392 $\pm$ 479.104 χ^2 /NDF: 1.8/2

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

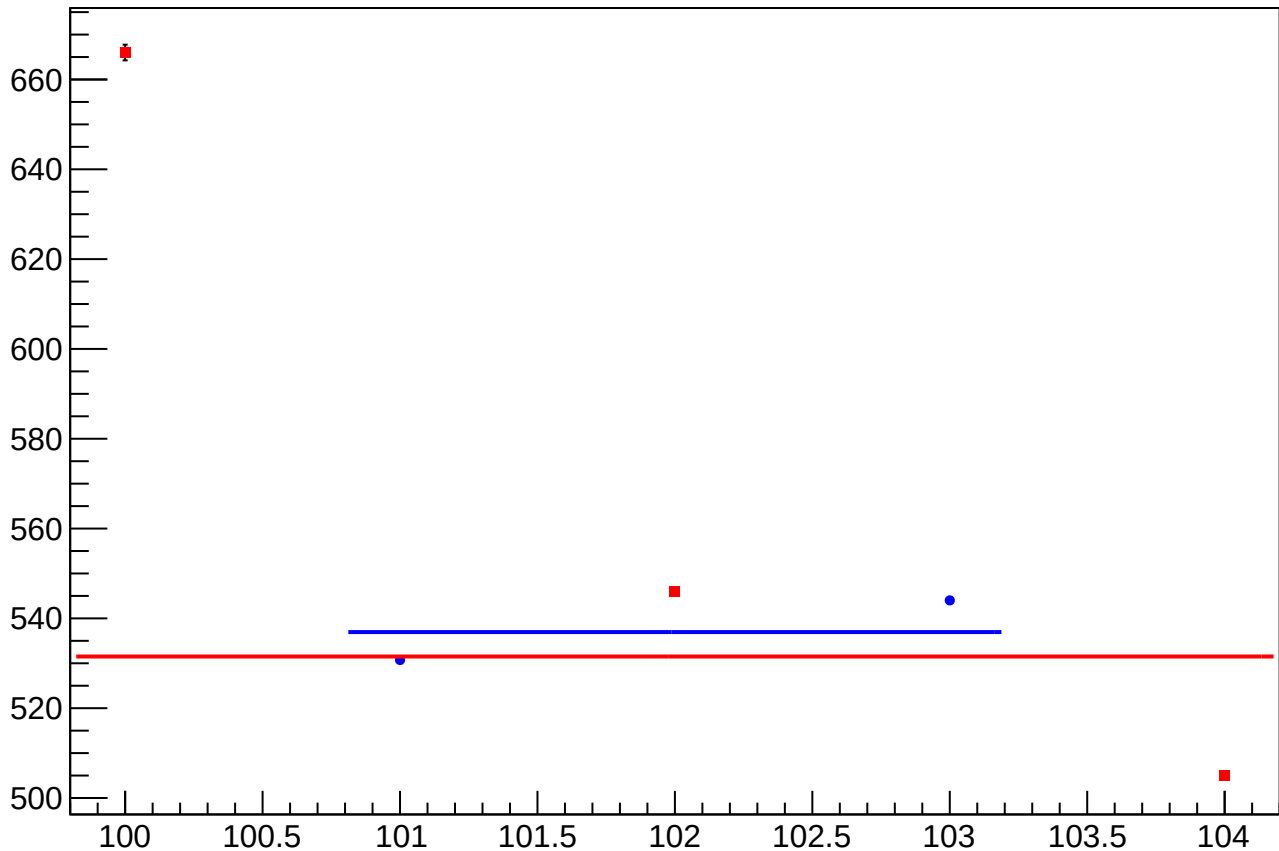
Right: 906.005 $\pm$ 338.664 χ^2 /NDF: 4.0/4

In: 833.715 $\pm$ 478.782 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 906.005 $\pm$ 338.664 χ^2 /NDF: 4.0/4

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.950 $\pm$ 0.339 χ^2 /NDF: 382.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 531.511 $\pm$ 0.339 χ^2 /NDF: 9669.2/2

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

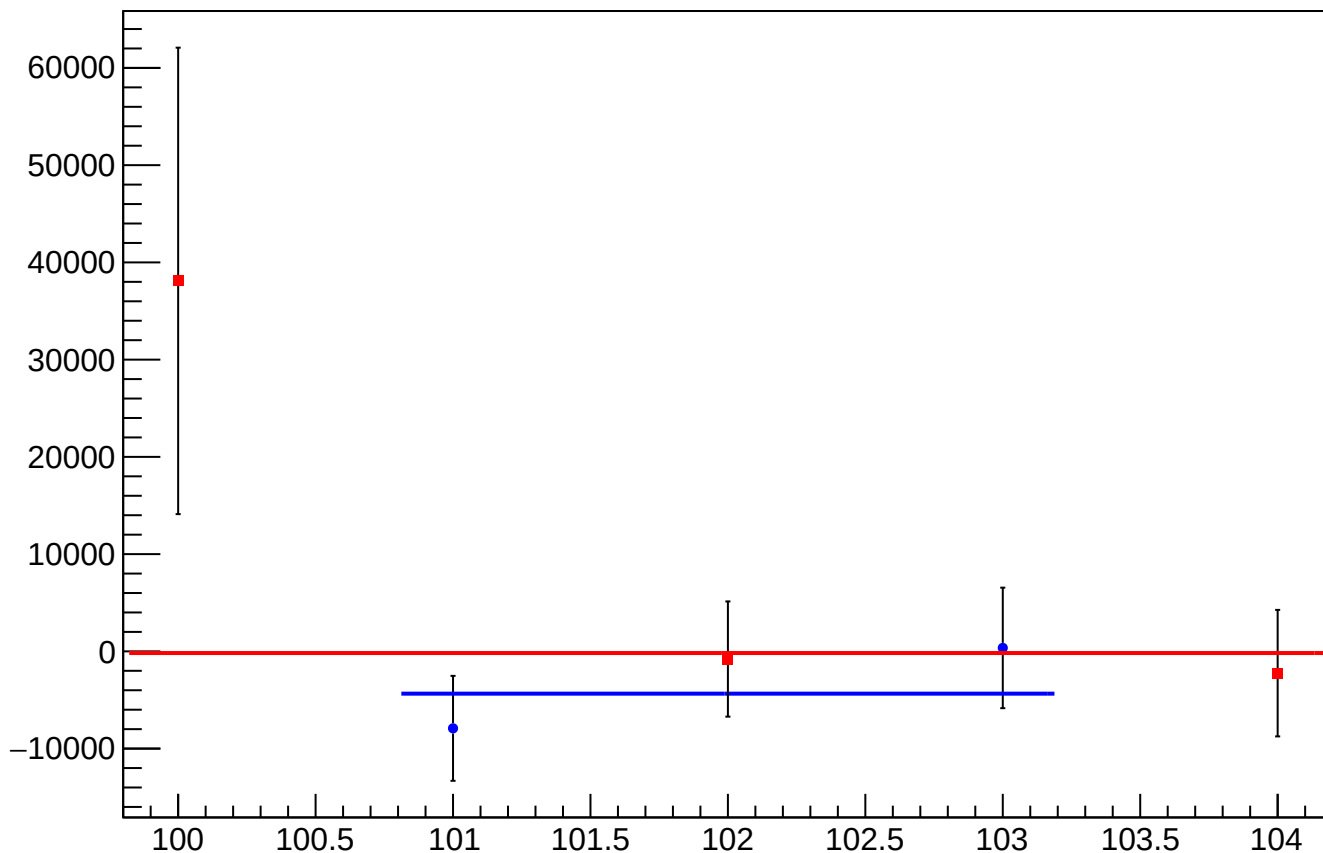
Right: 534.232 $\pm$ 0.239 χ^2 /NDF: 10180.8/4

In: 536.950 $\pm$ 0.339 χ^2 /NDF:382.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 534.232 $\pm$ 0.239 χ^2 /NDF: 10180.8/4

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: -171.102+/-4309.305 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

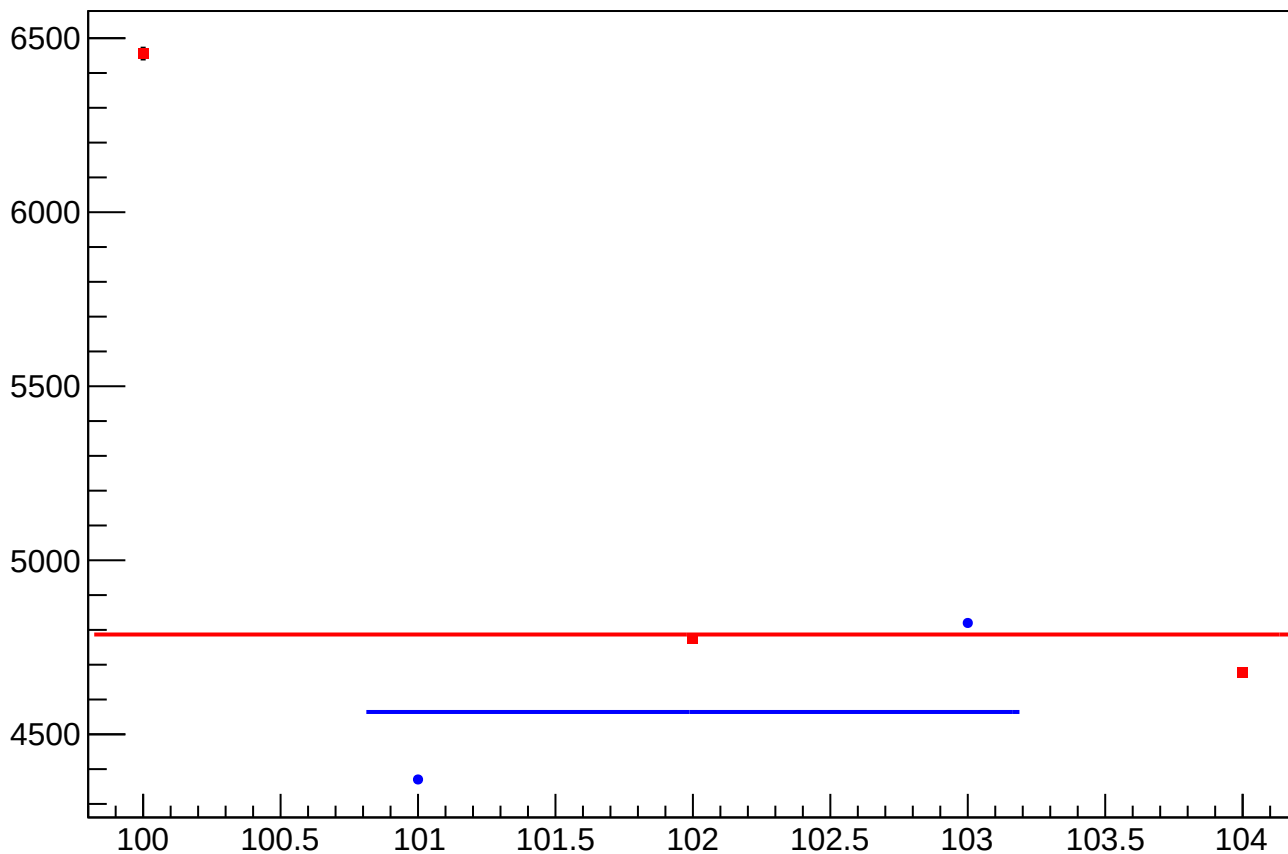
Right: -2380.085+/-2958.565 χ^2/NDF : 4.2/4

In: -4349.675+/-4069.105 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2380.085+/-2958.565 χ^2/NDF : 4.2/4

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: 4786.771+/-3.047 χ^2/NDF : 10251.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

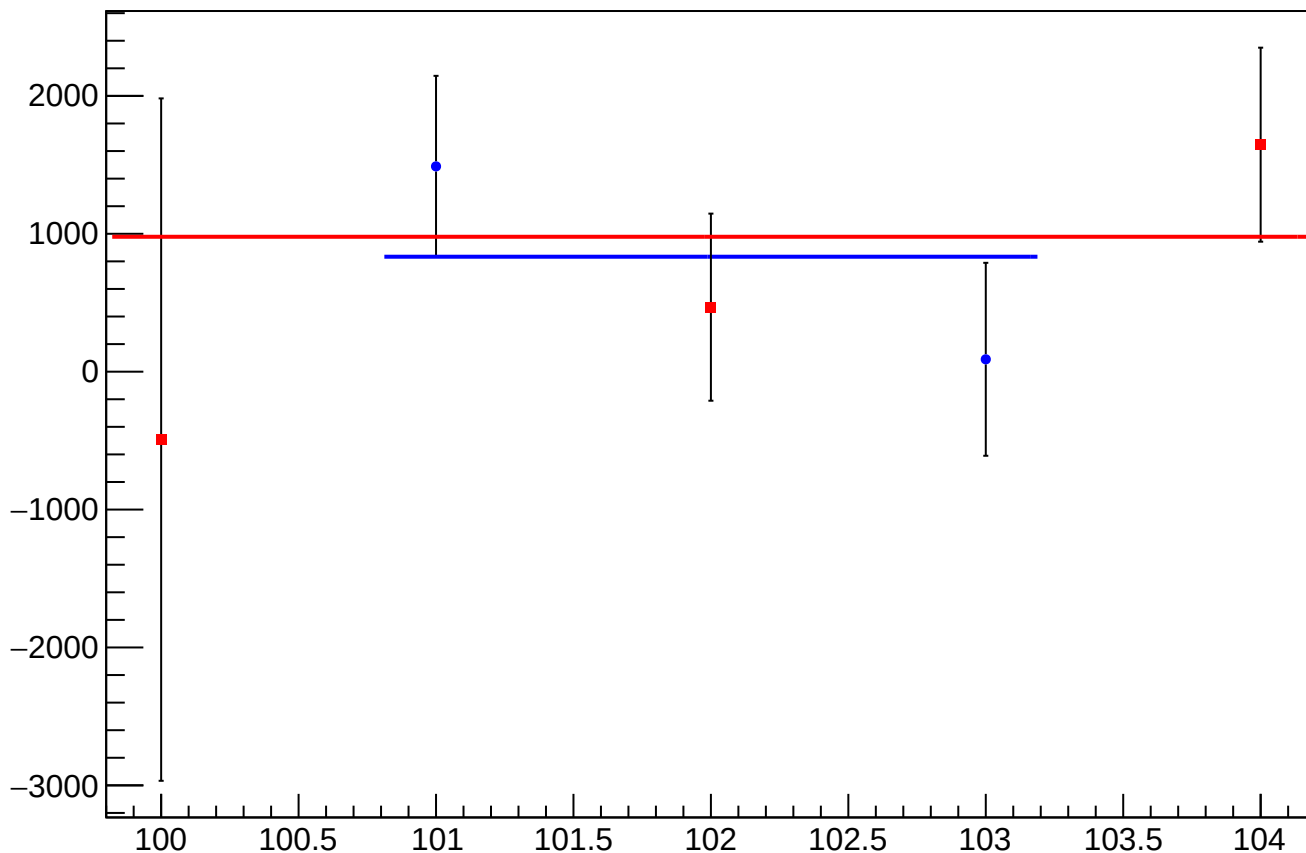
Right: 4669.108+/-2.092 χ^2/NDF : 19062.3/4

In: 4564.196+/-2.877 χ^2/NDF : 5990.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4669.108+/-2.092 χ^2/NDF : 19062.3/4

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 833.705 $\pm$ 478.781 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 978.398 $\pm$ 479.102 χ^2 /NDF: 1.8/2

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

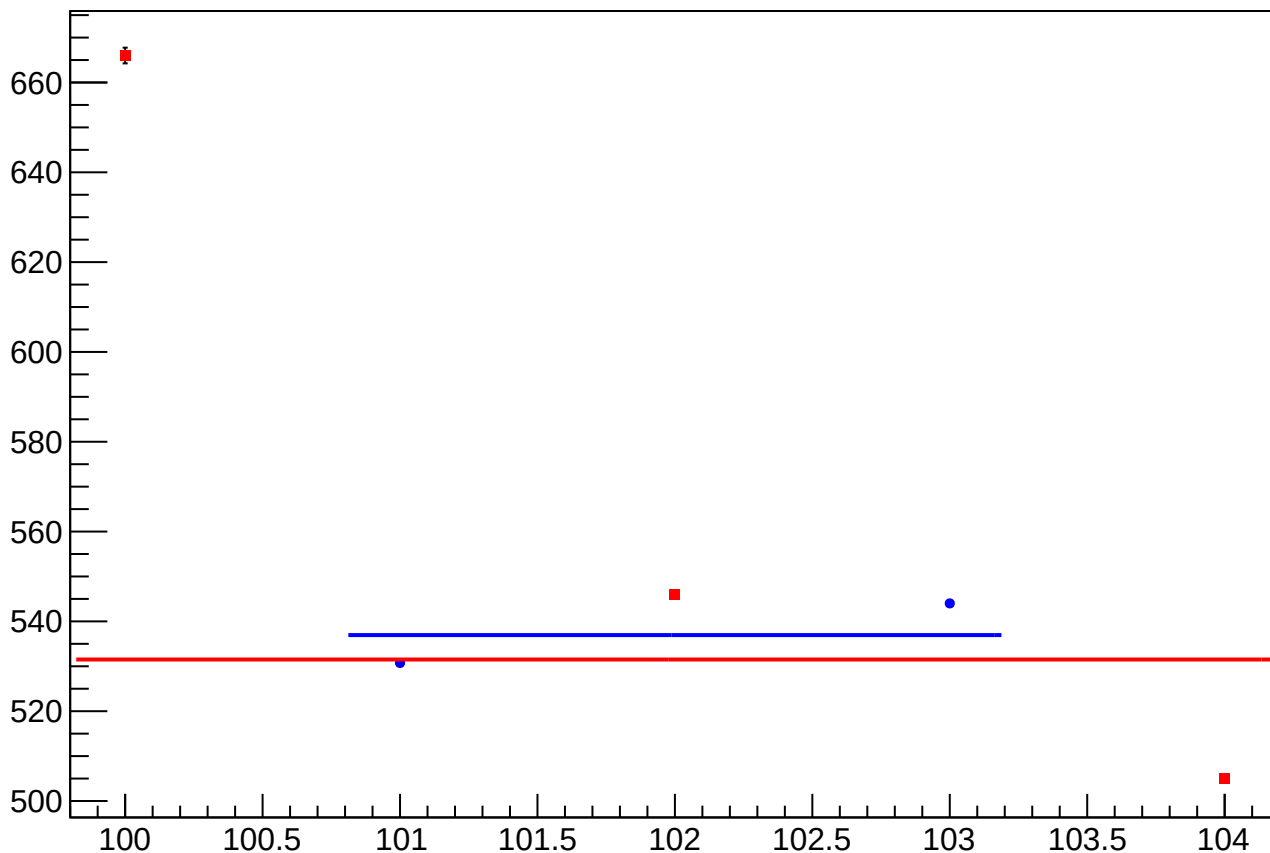
Right: 906.003 $\pm$ 338.663 χ^2 /NDF: 4.0/4

In: 833.705 $\pm$ 478.781 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 906.003 $\pm$ 338.663 χ^2 /NDF: 4.0/4

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 536.948+/-0.339 χ^2/NDF : 382.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.509+/-0.339 χ^2/NDF : 9668.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

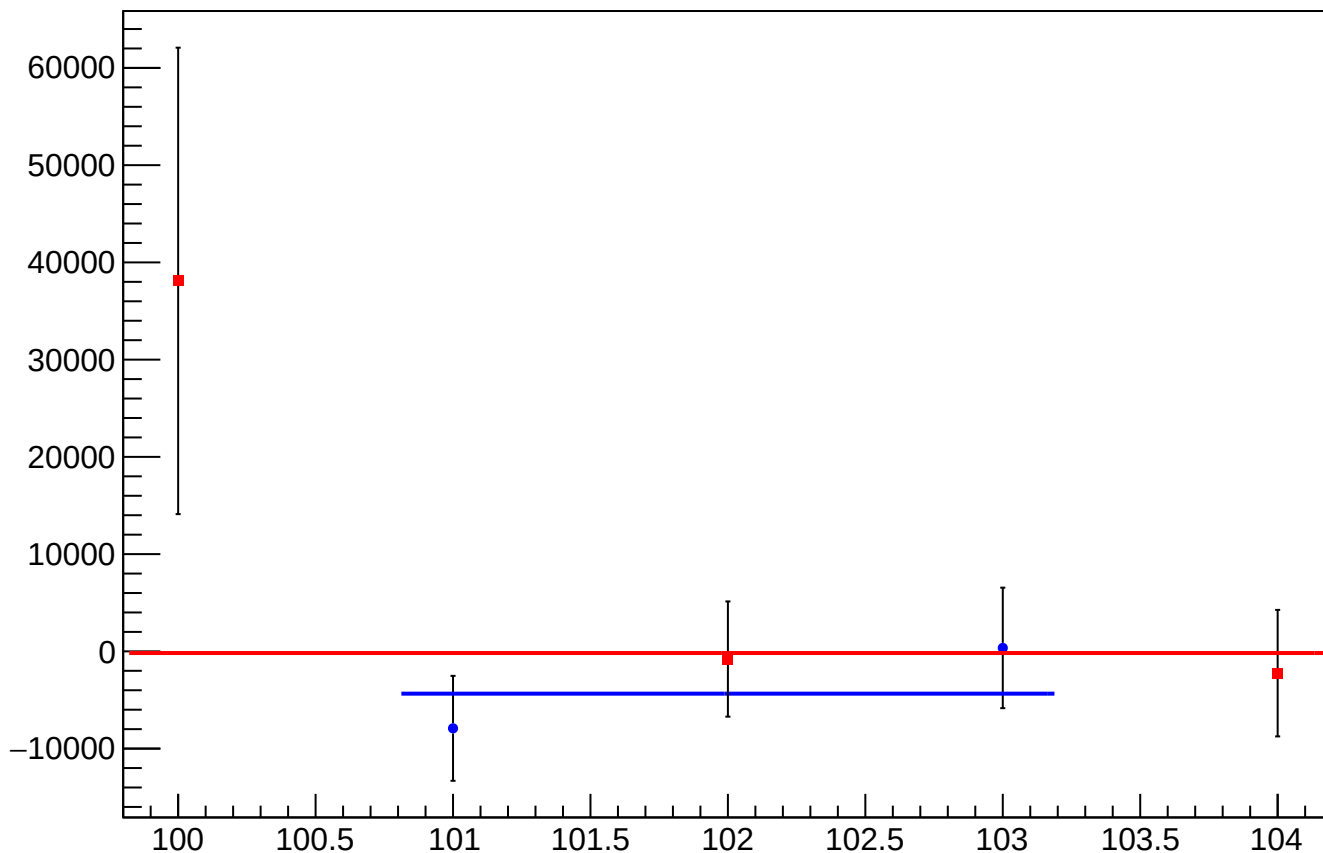
Right: 534.231+/-0.239 χ^2/NDF : 10180.3/4

In: 536.948+/-0.339 χ^2/NDF : 382.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.231+/-0.239 χ^2/NDF : 10180.3/4

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: -171.103+/-4309.291 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

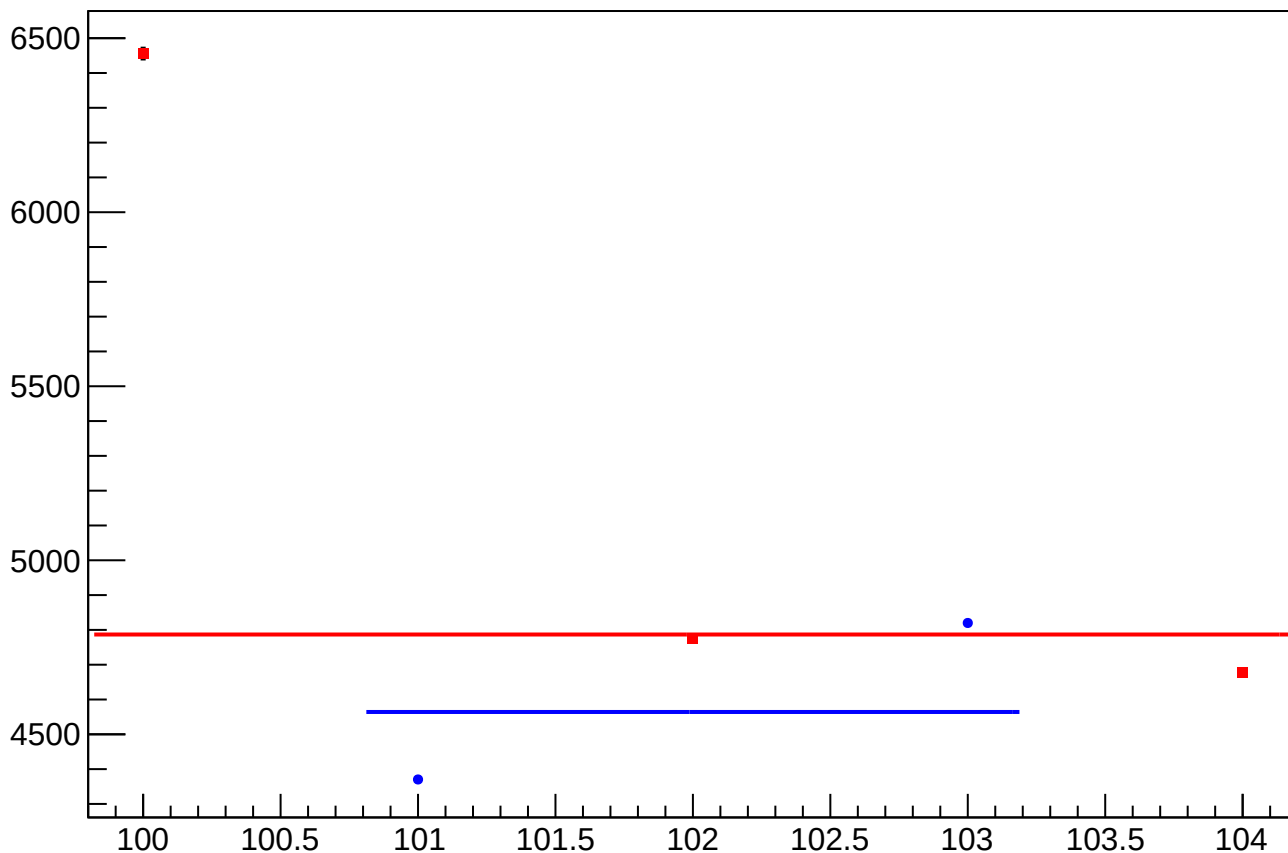
Right: -2380.082+/-2958.558 χ^2/NDF : 4.2/4

In: -4349.673+/-4069.097 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2380.082+/-2958.558 χ^2/NDF : 4.2/4

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: 4786.755+/-3.047 χ^2/NDF : 10251.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

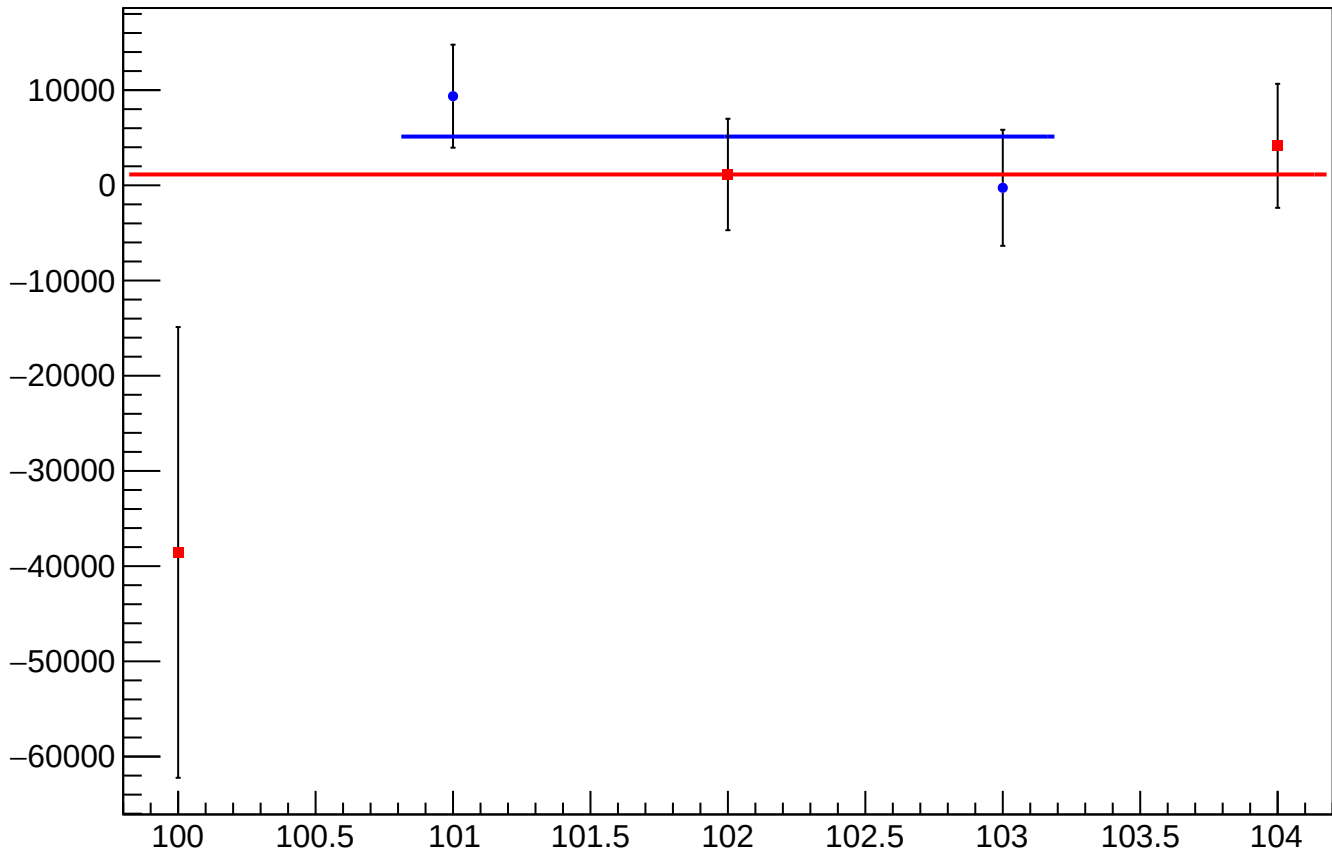
Right: 4669.096+/-2.092 χ^2/NDF : 19062.0/4

In: 4564.188+/-2.877 χ^2/NDF : 5990.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4669.096+/-2.092 χ^2/NDF : 19062.0/4

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: 1141.323+/-4280.908 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

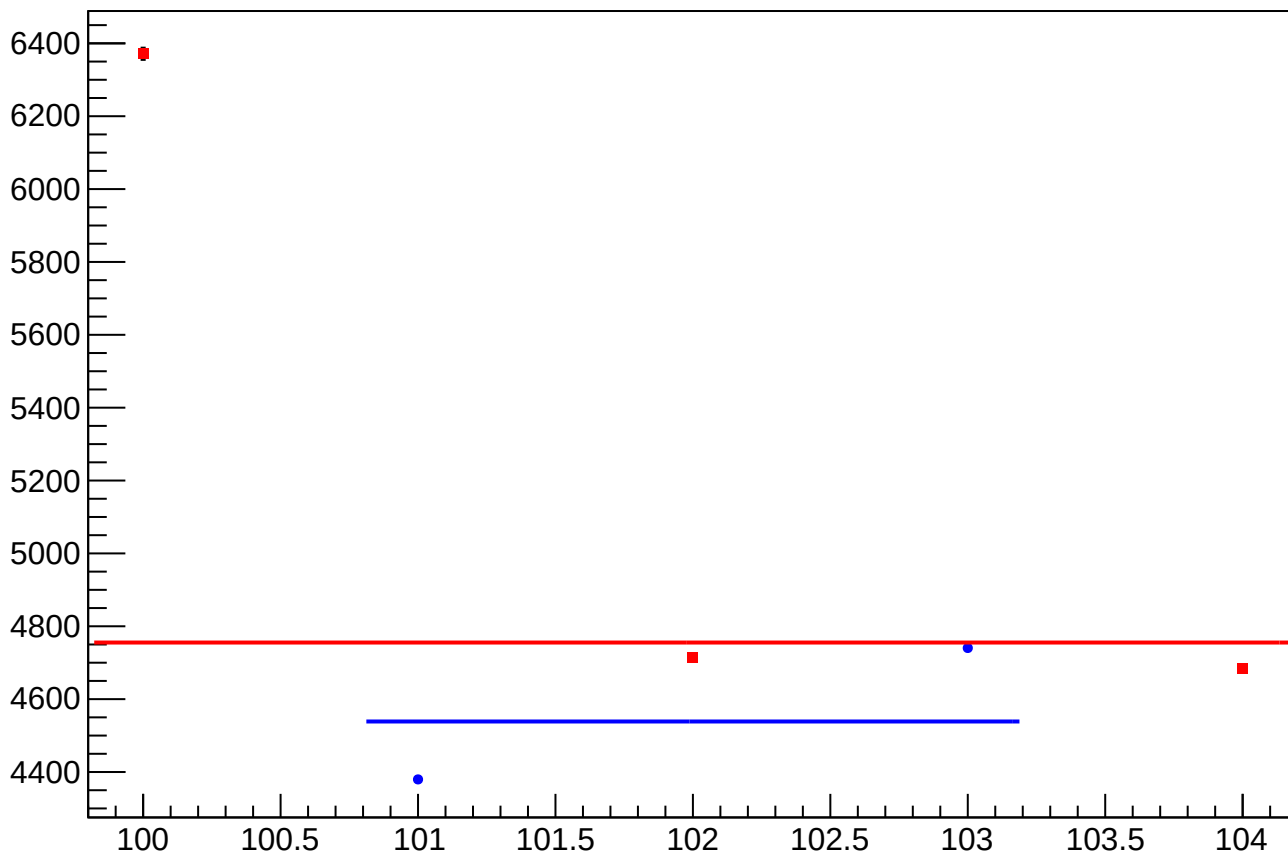
Right: 3244.377+/-2940.410 χ^2/NDF : 4.9/4

In: 5122.757+/-4045.782 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3244.377+/-2940.410 χ^2/NDF : 4.9/4

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4538.661 $\pm$ 2.861 χ^2 /NDF: 3919.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4755.370 $\pm$ 3.027 χ^2 /NDF: 9662.2/2

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

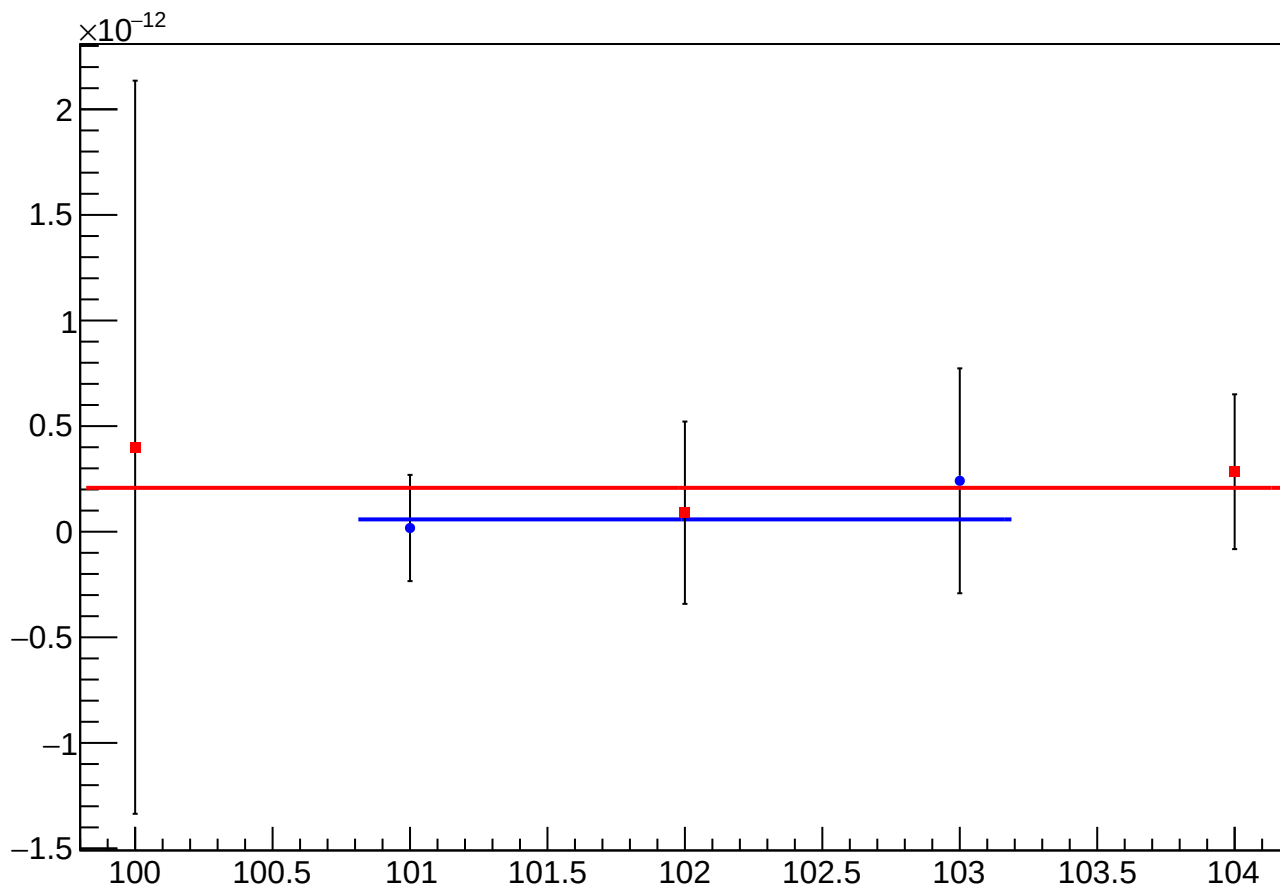
Right: 4640.901 $\pm$ 2.079 χ^2 /NDF: 16288.4/4

In: 4538.661 $\pm$ 2.861 χ^2 /NDF:3919.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4640.901 $\pm$ 2.079 χ^2 /NDF: 16288.4/4

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 : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

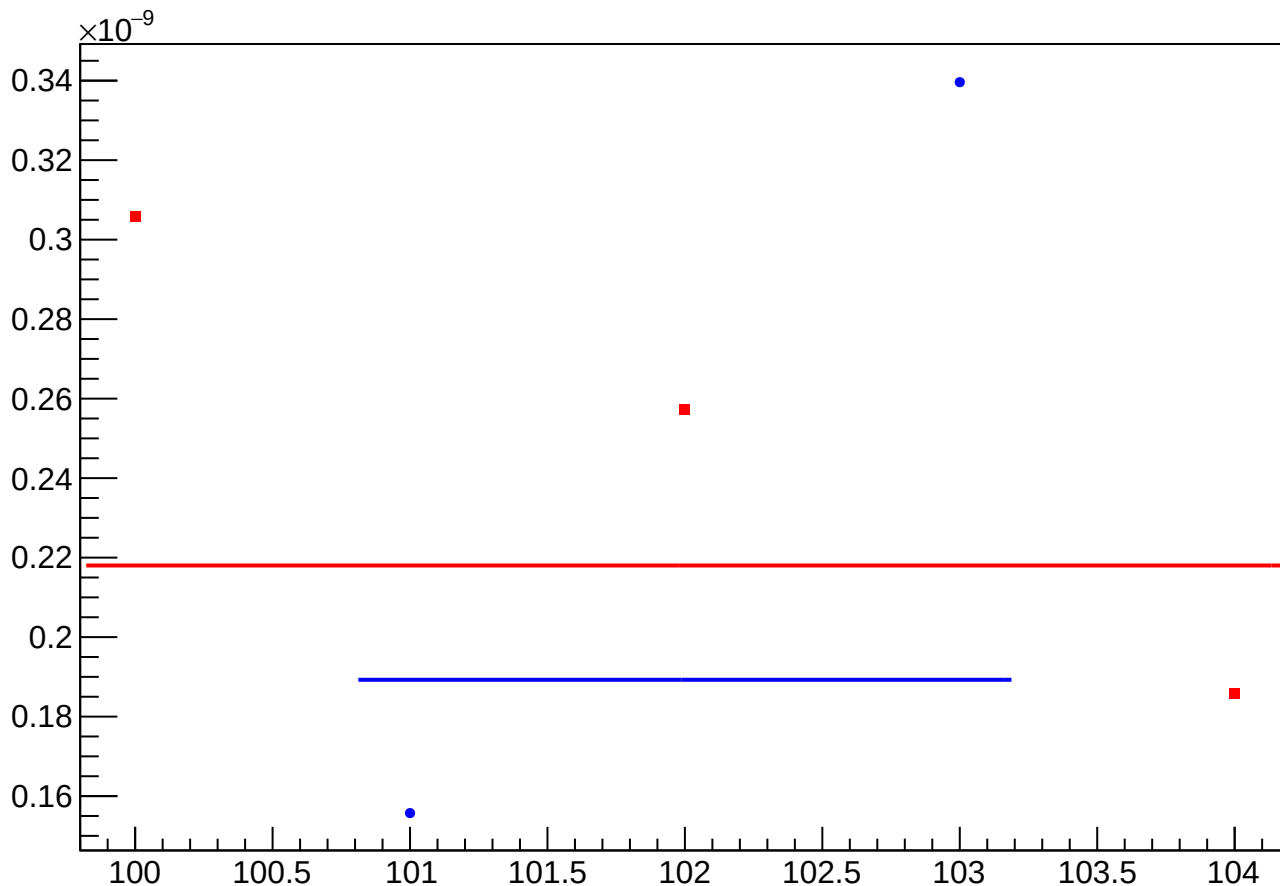
Right: 0.000+/-0.000 χ^2/NDF : 0.4/4

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 : 0.4/4

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 : 37139.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

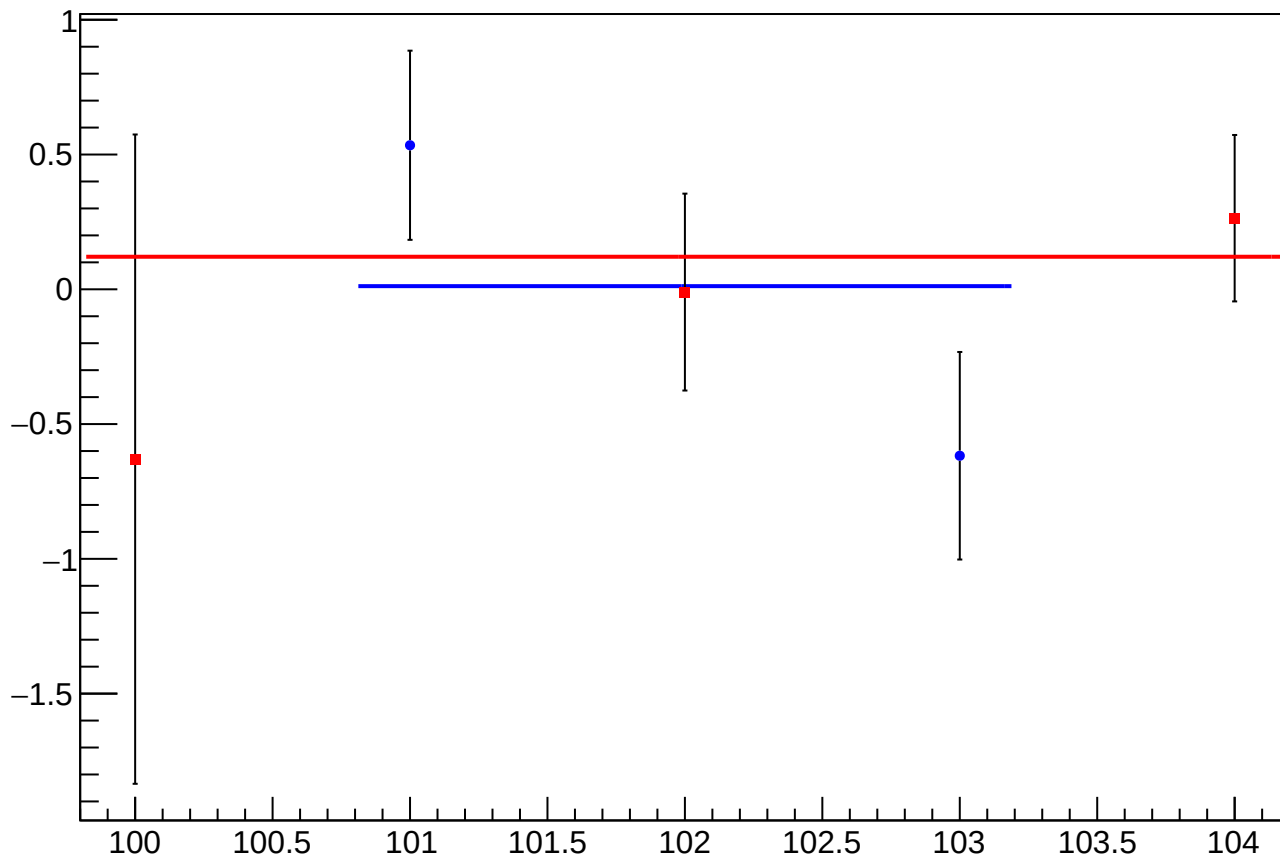
Right: 0.000+/-0.000 χ^2/NDF : 245097.9/4

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 : 245097.9/4

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: 0.121 $\pm$ 0.231 χ^2 /NDF: 0.7/2

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

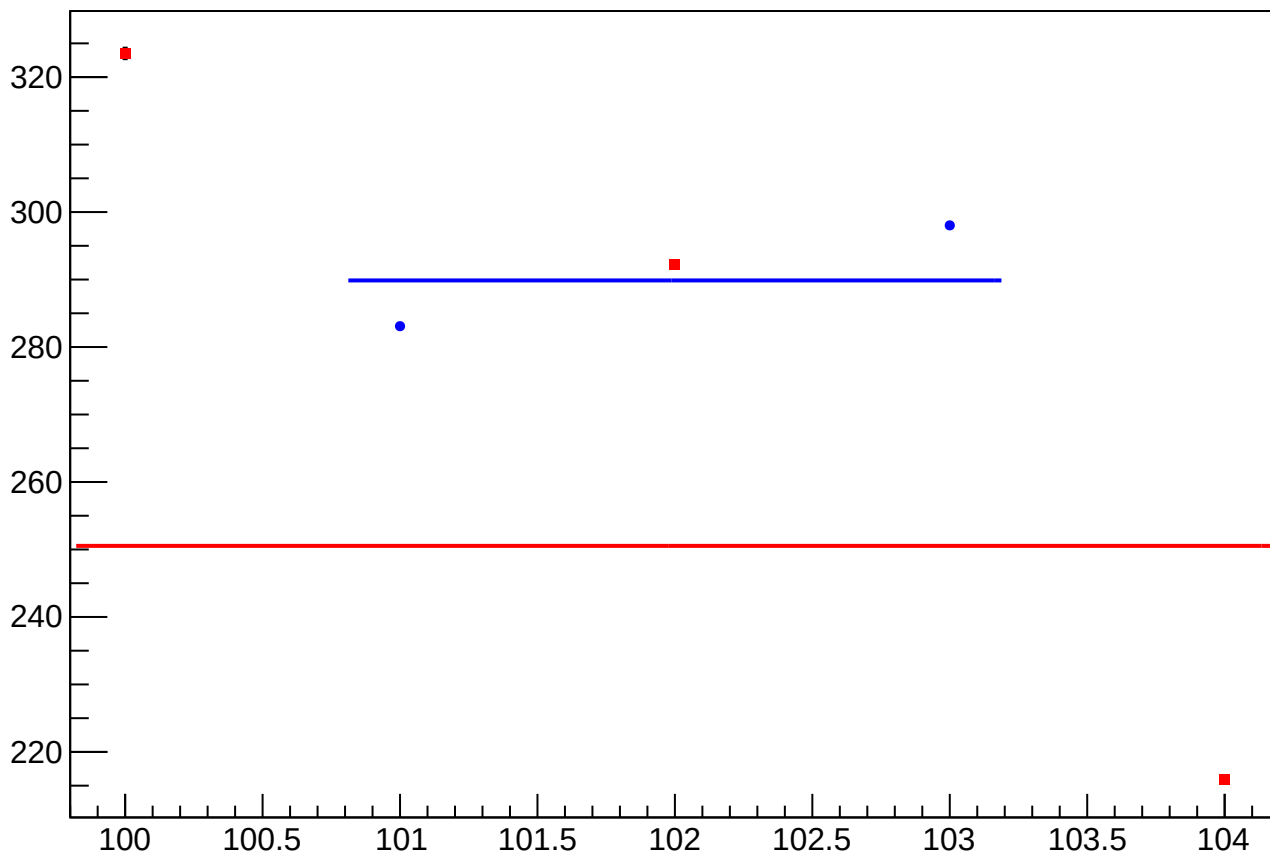
Right: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

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: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

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: 250.533 $\pm$ 0.164 χ^2 /NDF: 58531.9/2

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

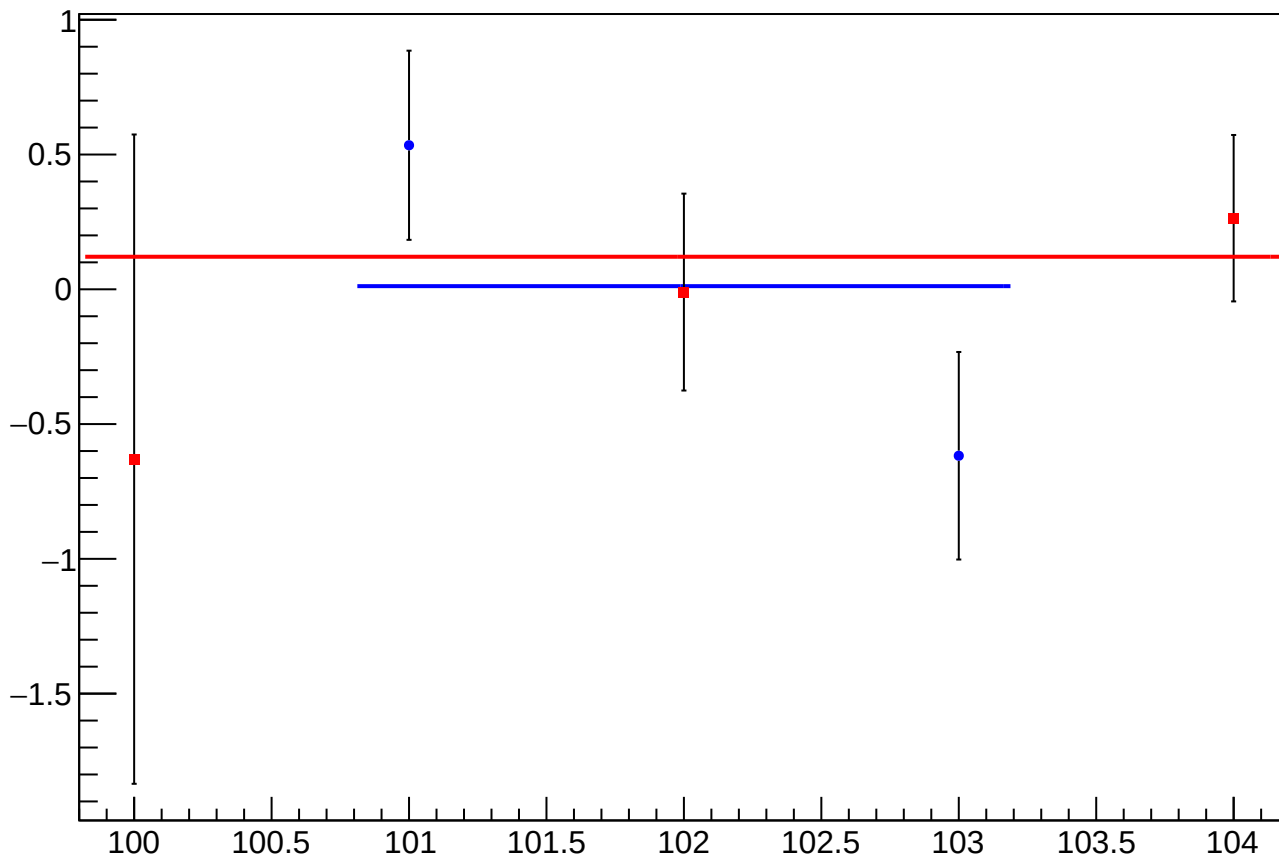
Right: 267.967 $\pm$ 0.122 χ^2 /NDF: 85793.7/4

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: 267.967 $\pm$ 0.122 χ^2 /NDF: 85793.7/4

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: 0.121 $\pm$ 0.231 χ^2 /NDF: 0.7/2

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

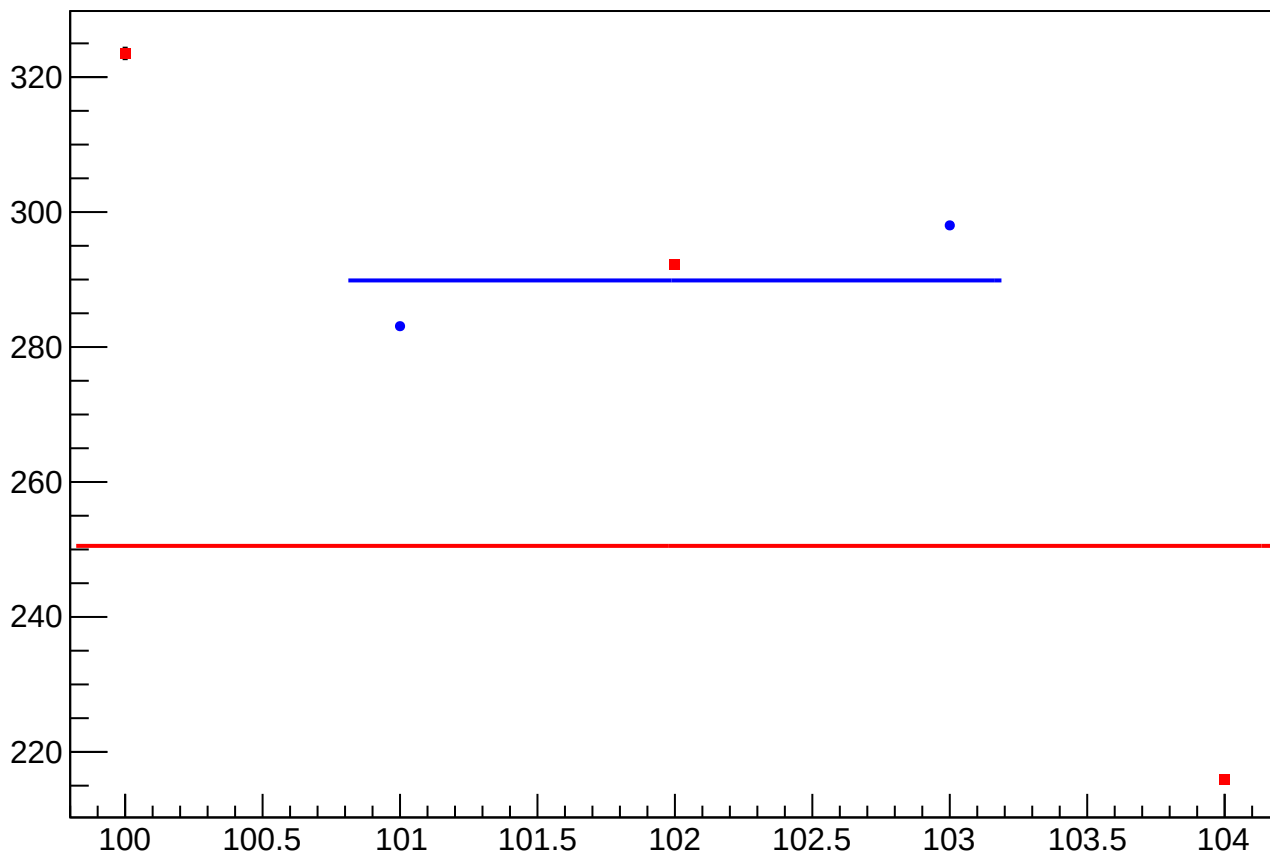
Right: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

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: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 289.868+/-0.183 χ^2/NDF : 1644.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 250.533+/-0.164 χ^2/NDF : 58531.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

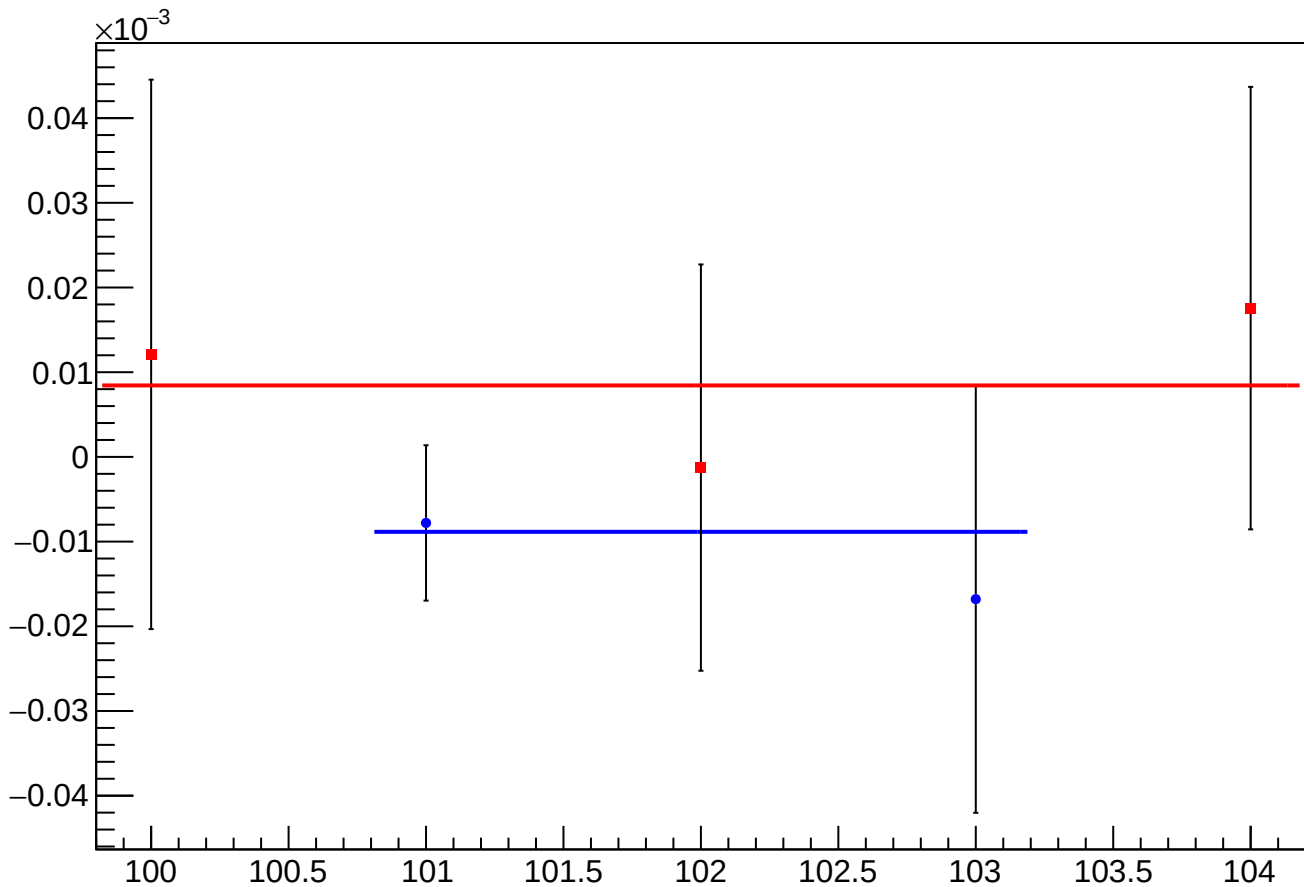
Right: 267.967+/-0.122 χ^2/NDF : 85793.7/4

In: 289.868+/-0.183 χ^2/NDF : 1644.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.967+/-0.122 χ^2/NDF : 85793.7/4

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 : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

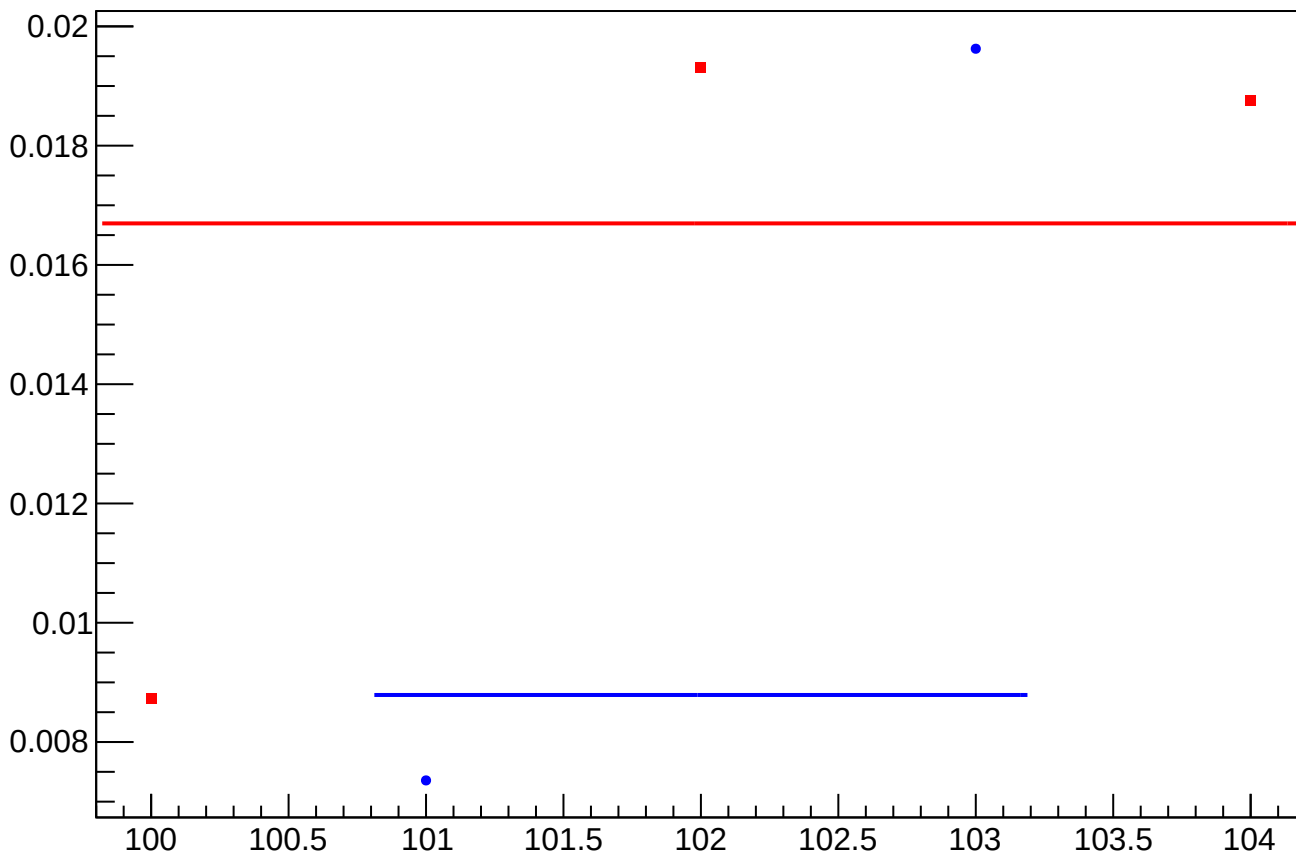
Right: -0.000+/-0.000 χ^2/NDF : 1.4/4

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 : 1.4/4

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: 0.017+/-0.000 χ^2/NDF : 156993.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

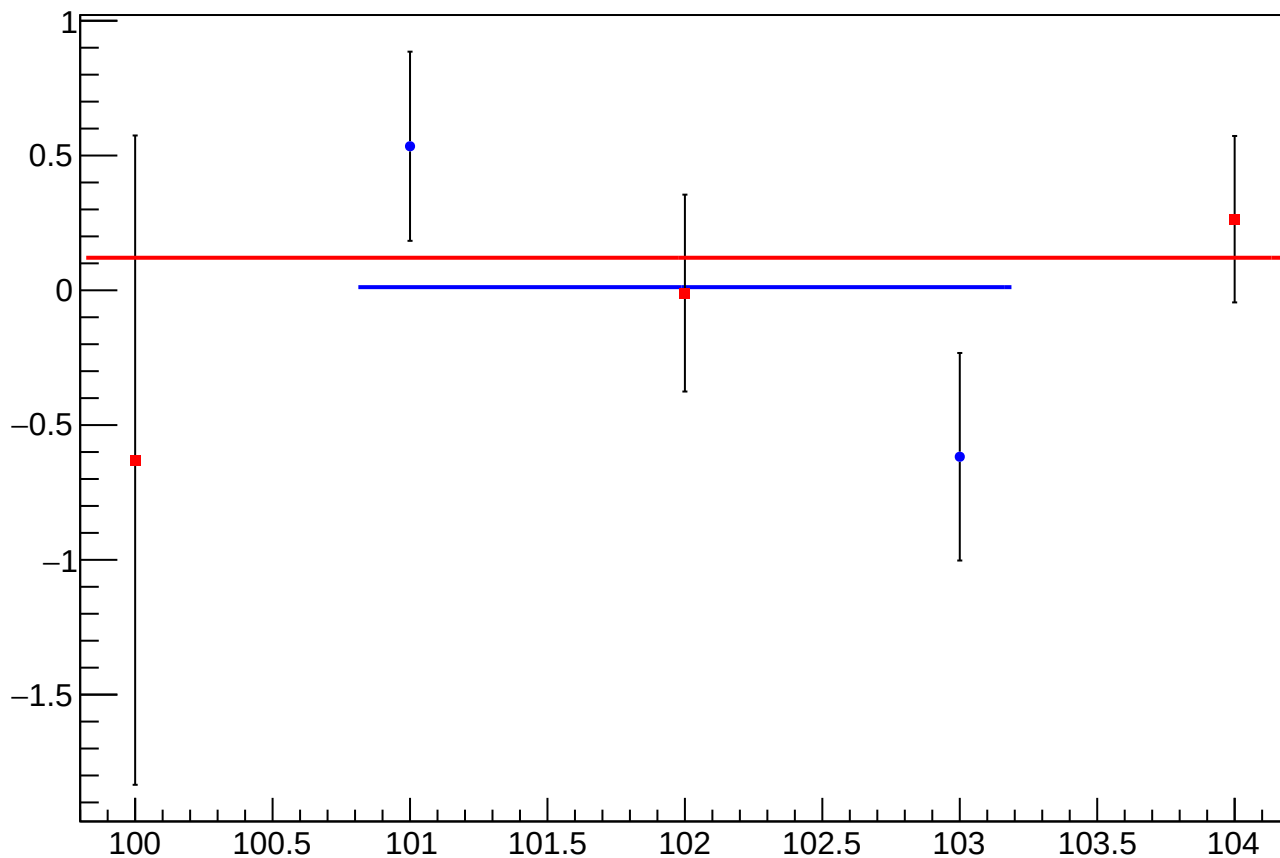
Right: 0.011+/-0.000 χ^2/NDF : 971790.7/4

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 : 971790.7/4

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: 0.121 $\pm$ 0.231 χ^2 /NDF: 0.7/2

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

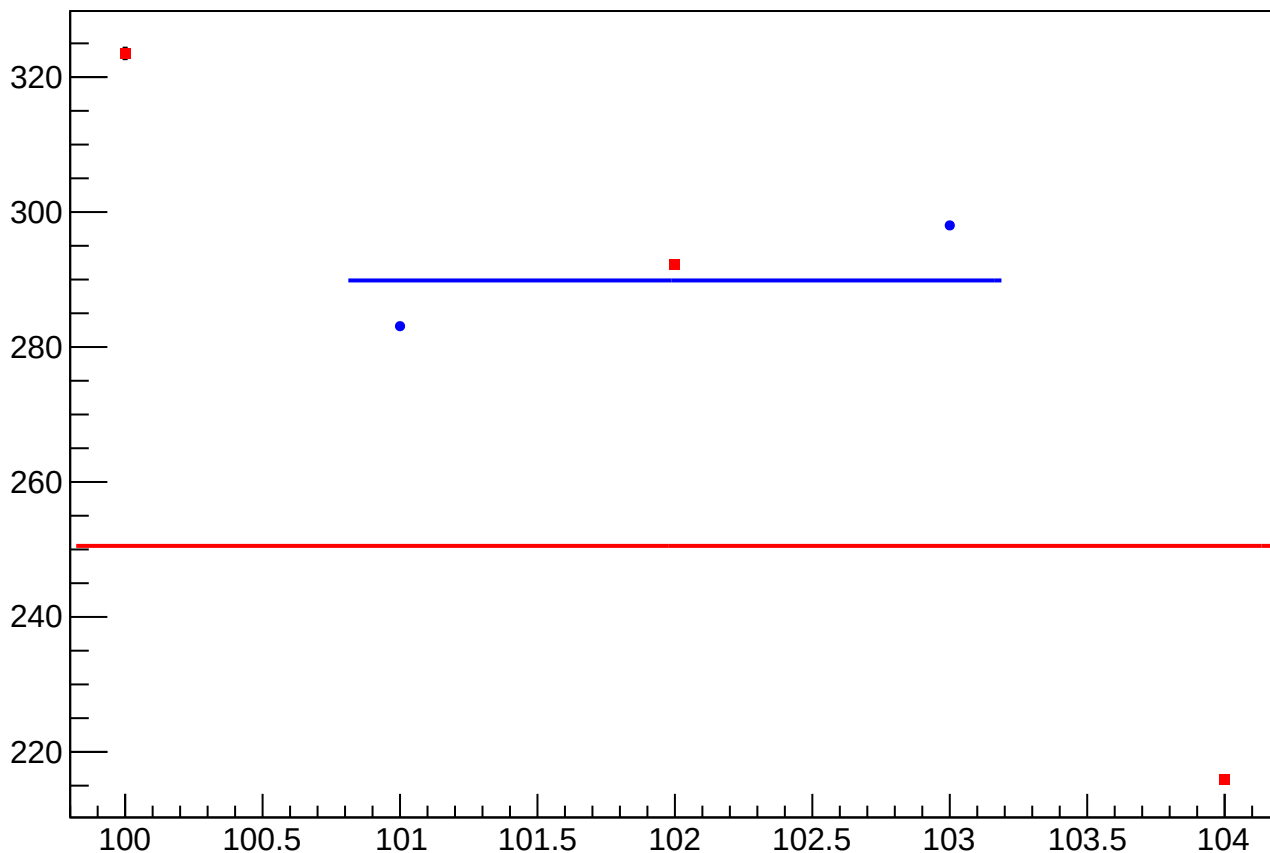
Right: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

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: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

asym_sam2_eigen_dit_vs_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: 250.530 ± 0.164 $\chi^2/\text{NDF}: 58531.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

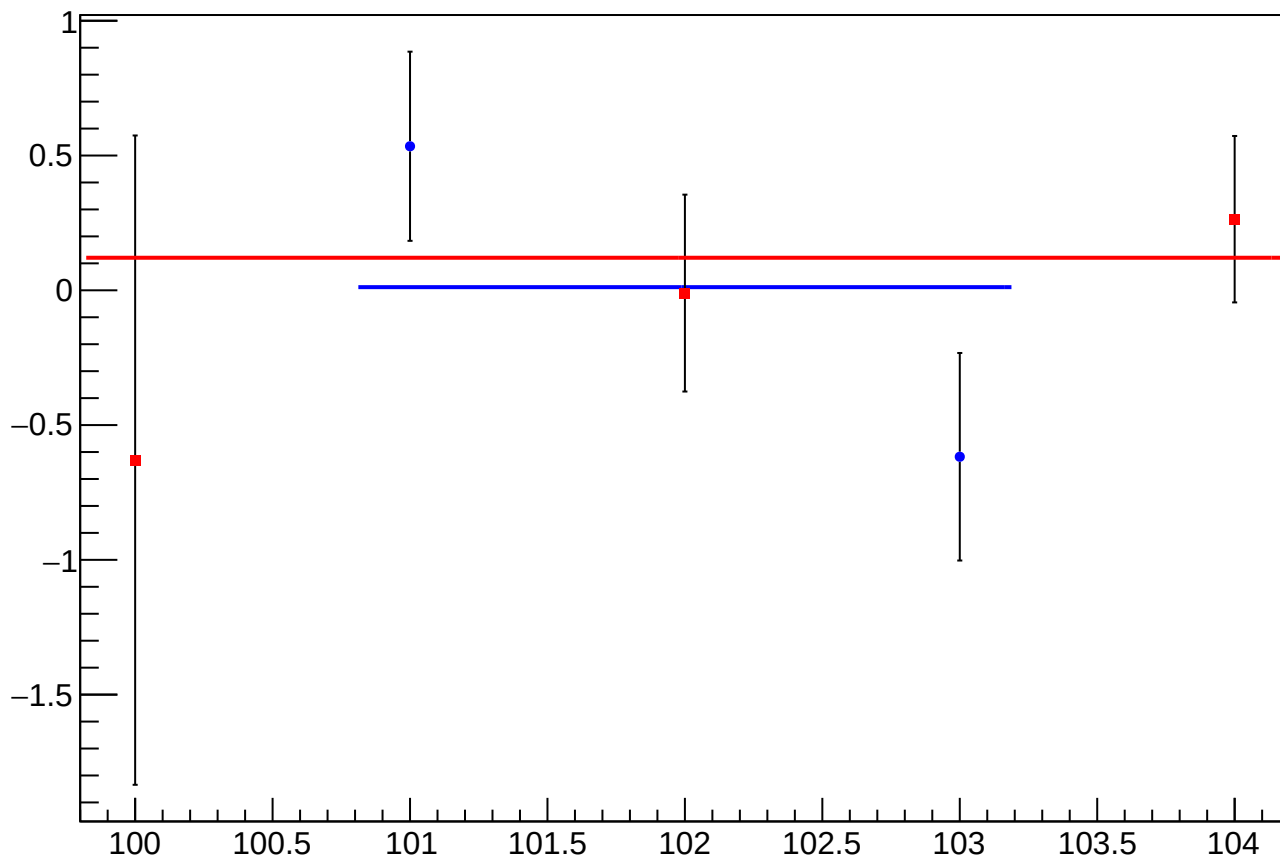
Right: 267.964 ± 0.122 $\chi^2/\text{NDF}: 85793.0/4$

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: 267.964 ± 0.122 $\chi^2/\text{NDF}: 85793.0/4$

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: 0.121 $\pm$ 0.231 χ^2 /NDF: 0.7/2

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

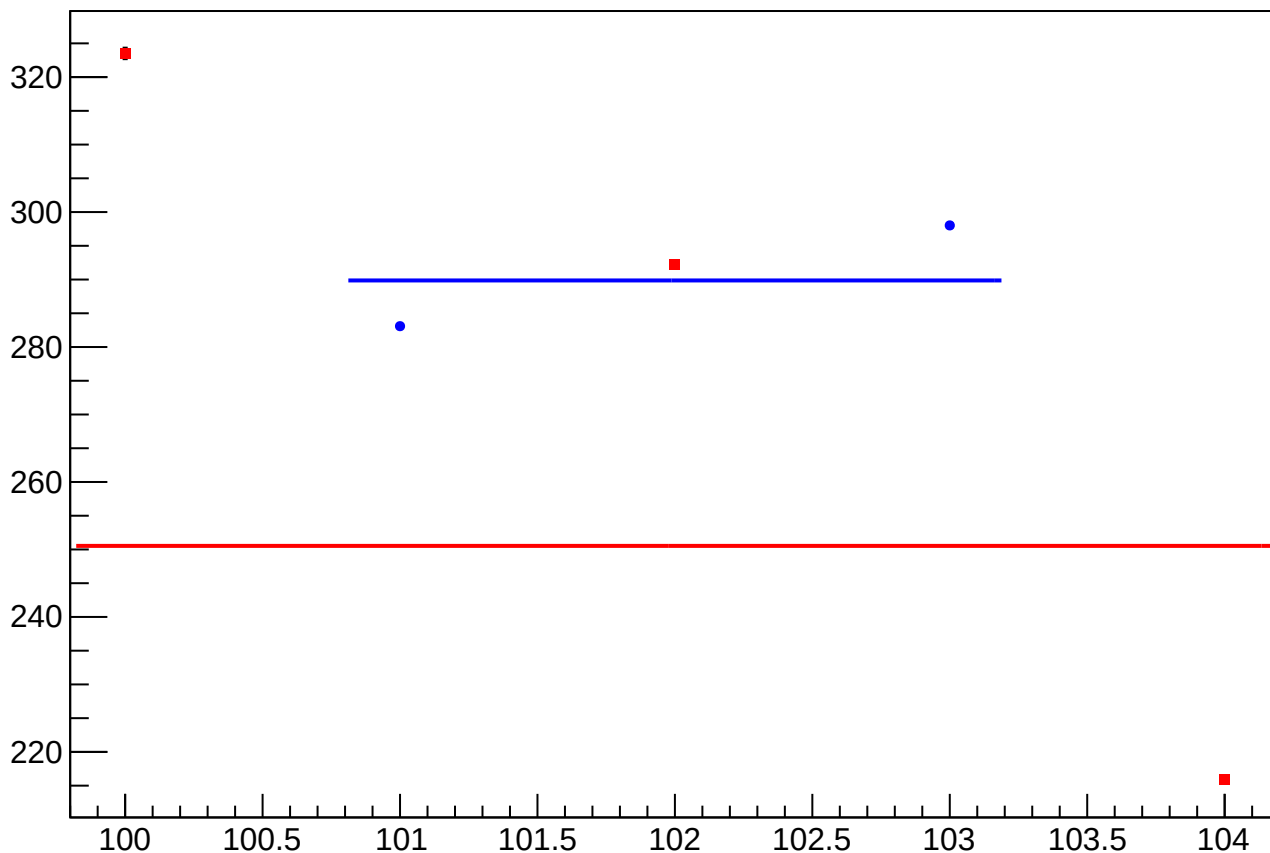
Right: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

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: 0.072 $\pm$ 0.173 χ^2 /NDF: 5.7/4

asym_sam2_eigen_dit_vs_eigen_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: 250.530 $\pm$ 0.164 χ^2 /NDF: 58531.5/2

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

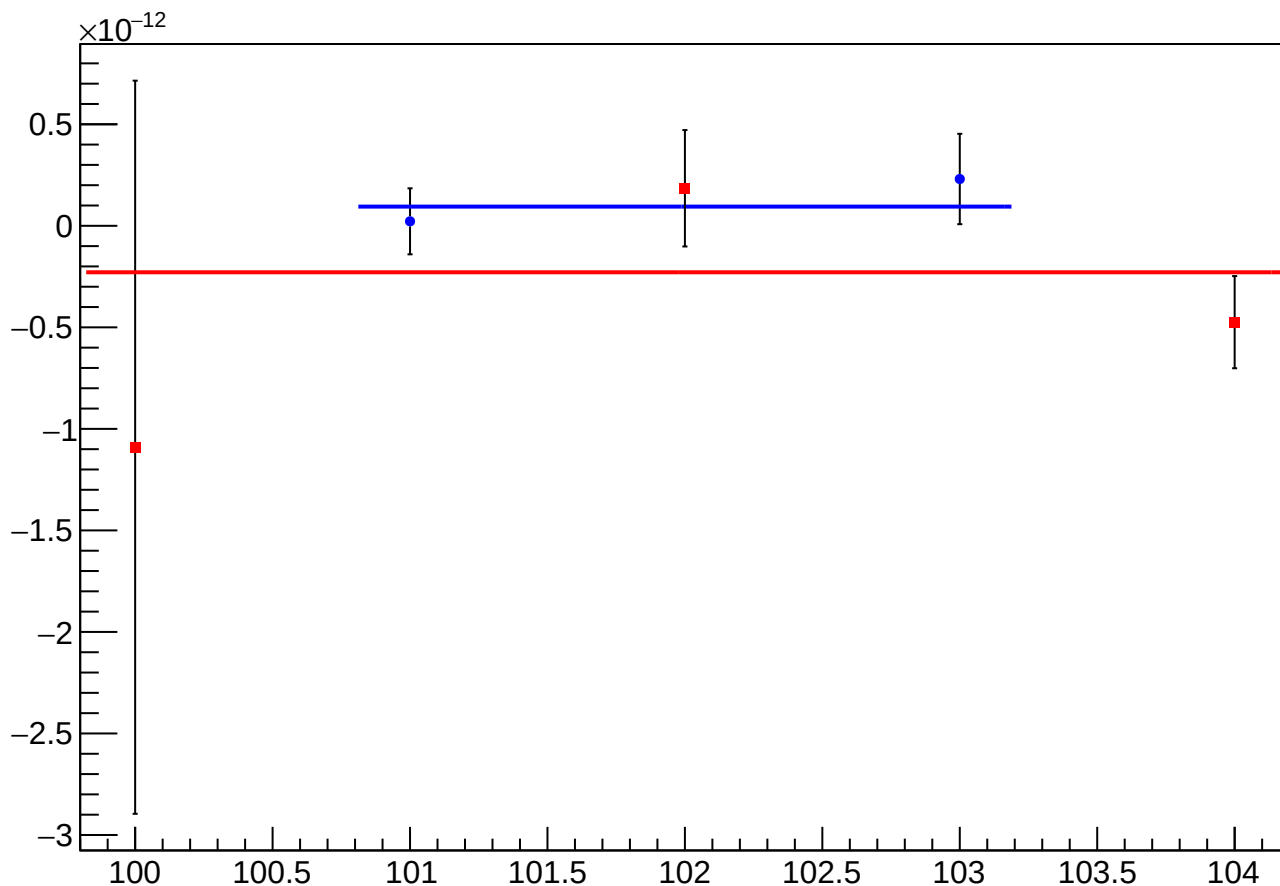
Right: 267.964 $\pm$ 0.122 χ^2 /NDF: 85793.0/4

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: 267.964 $\pm$ 0.122 χ^2 /NDF: 85793.0/4

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 : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

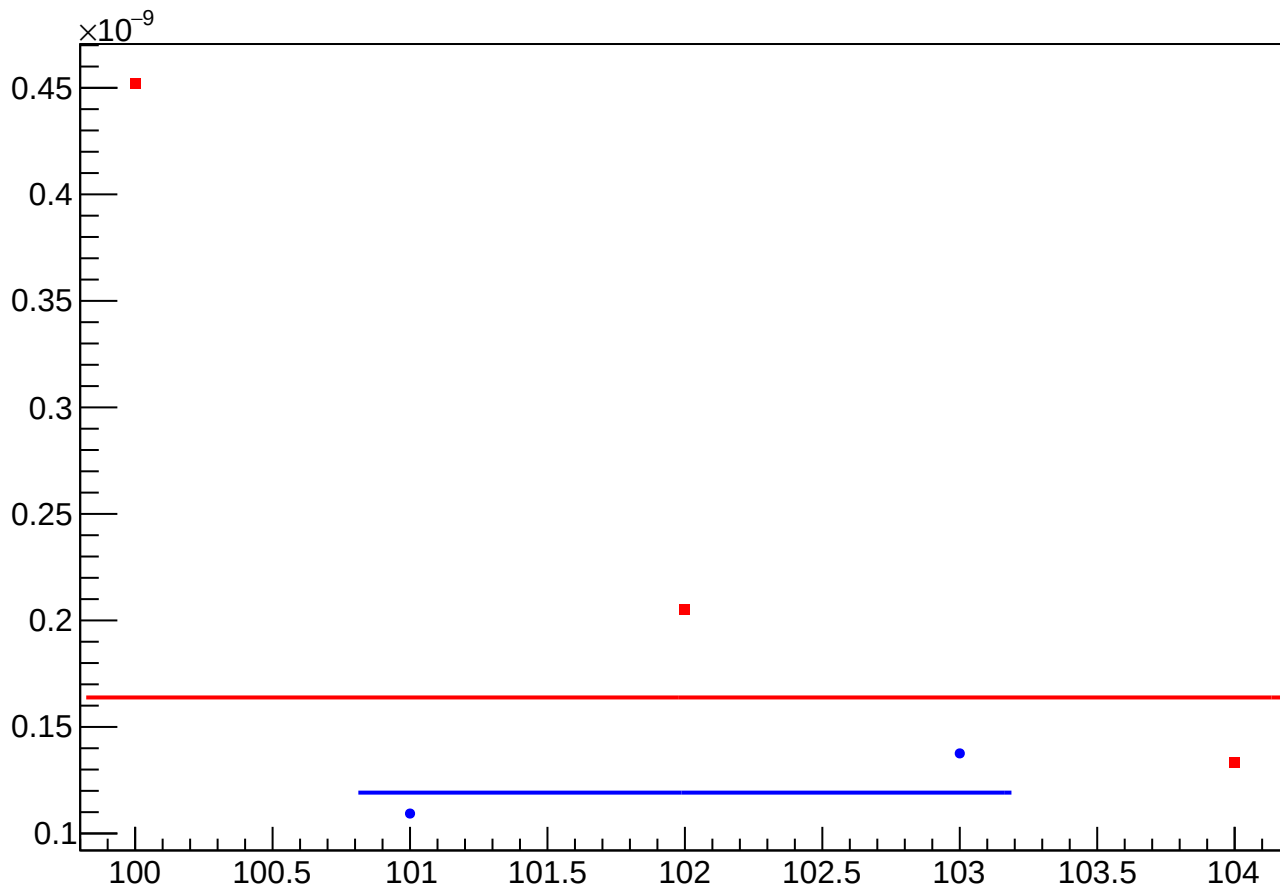
Right: -0.000+/-0.000 χ^2/NDF : 6.2/4

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 : 6.2/4

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 : 128743.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

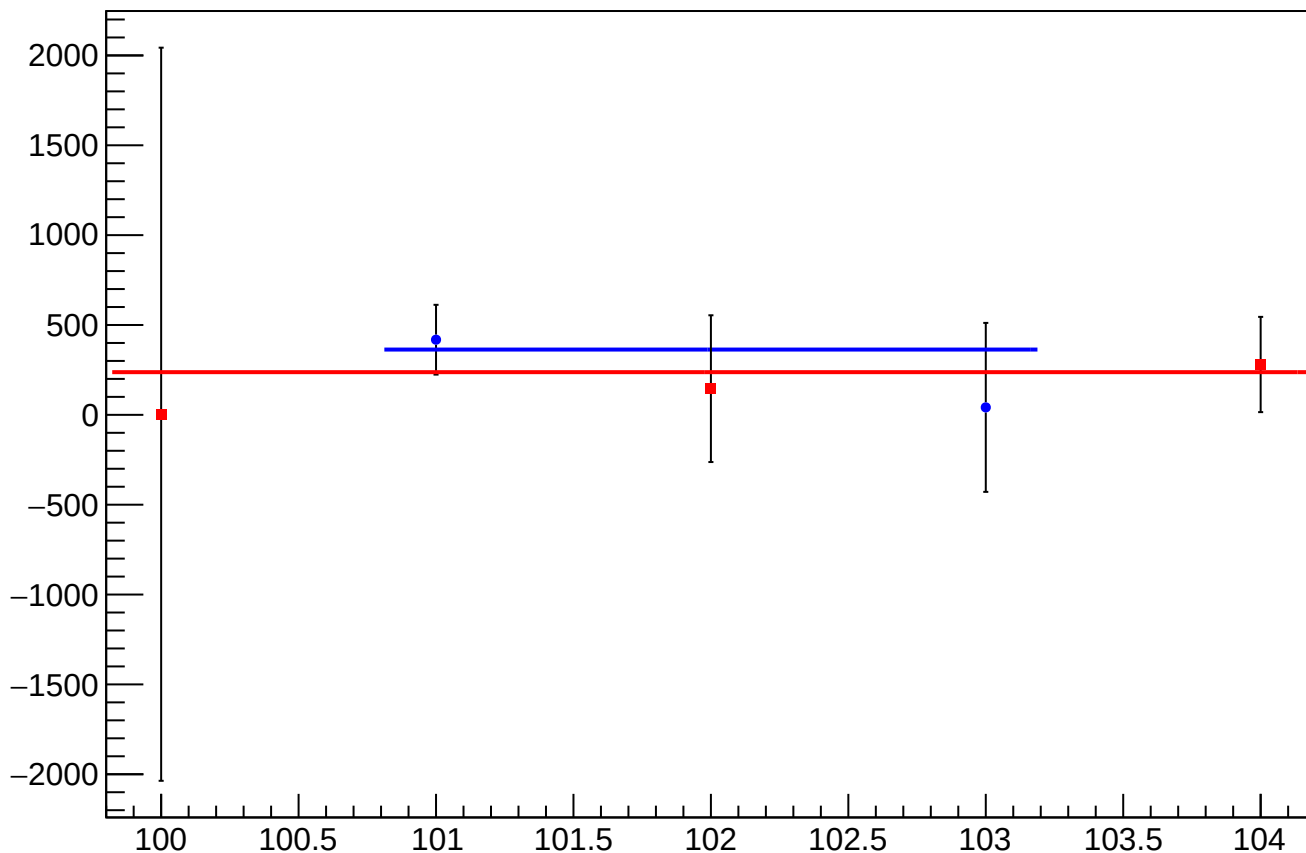
Right: 0.000+/-0.000 χ^2/NDF : 231896.0/4

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 : 231896.0/4

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: 237.515 $\pm$ 221.017 χ^2 /NDF: 0.1/2

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

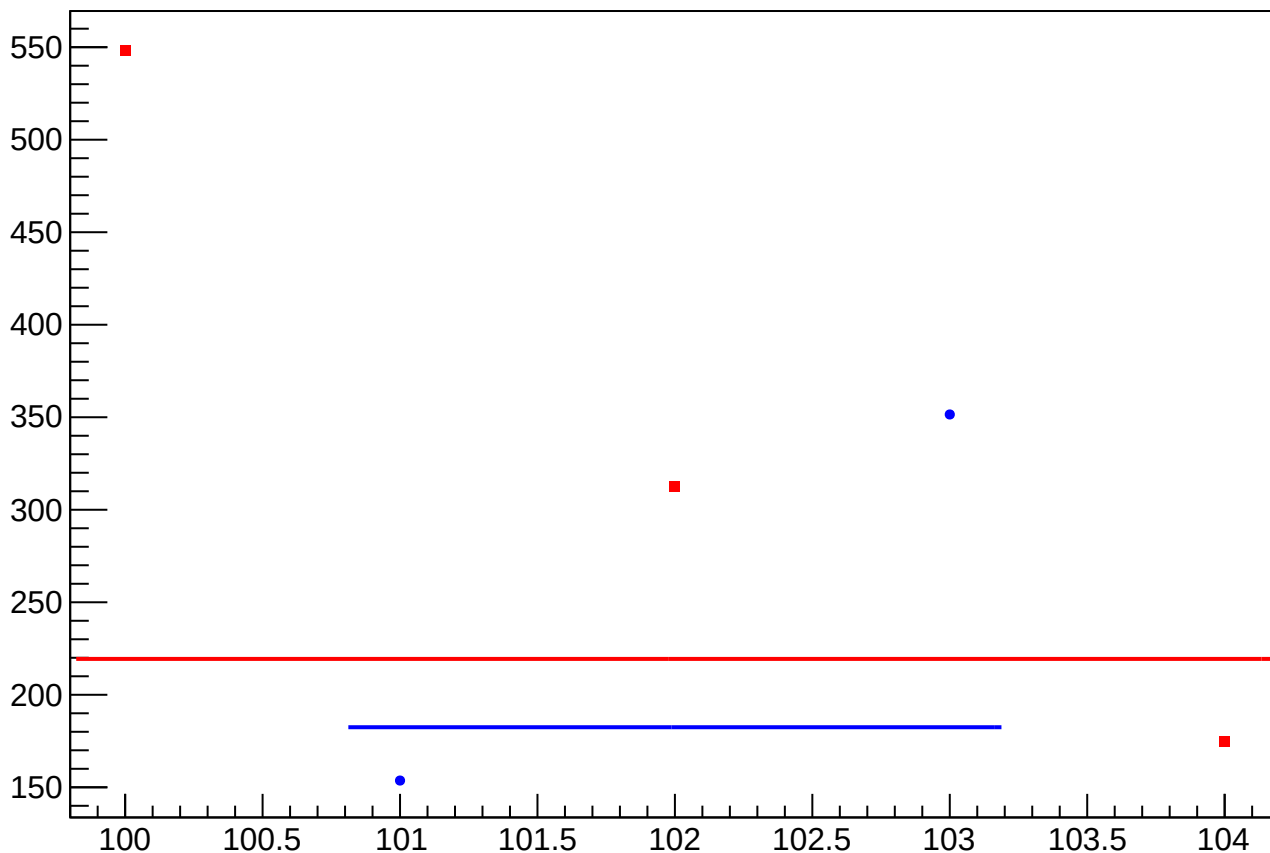
Right: 313.330 $\pm$ 139.295 χ^2 /NDF: 0.8/4

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: 313.330 $\pm$ 139.295 χ^2 /NDF: 0.8/4

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: 219.390+/-0.156 χ^2/NDF : 212768.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

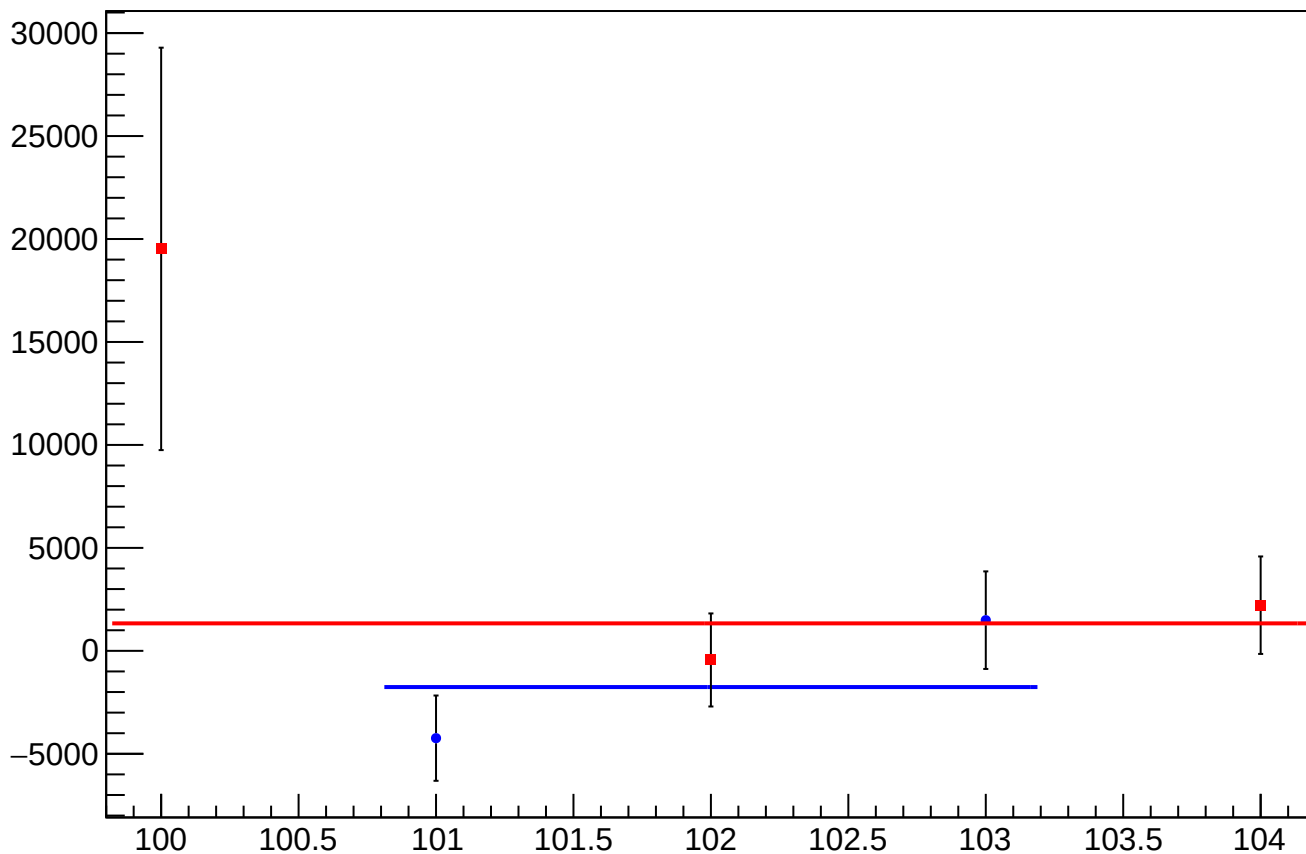
Right: 197.132+/-0.098 χ^2/NDF : 549069.0/4

In: 182.465+/-0.127 χ^2/NDF : 302650.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.132+/-0.098 χ^2/NDF : 549069.0/4

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: 1334.269+/-1611.952 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

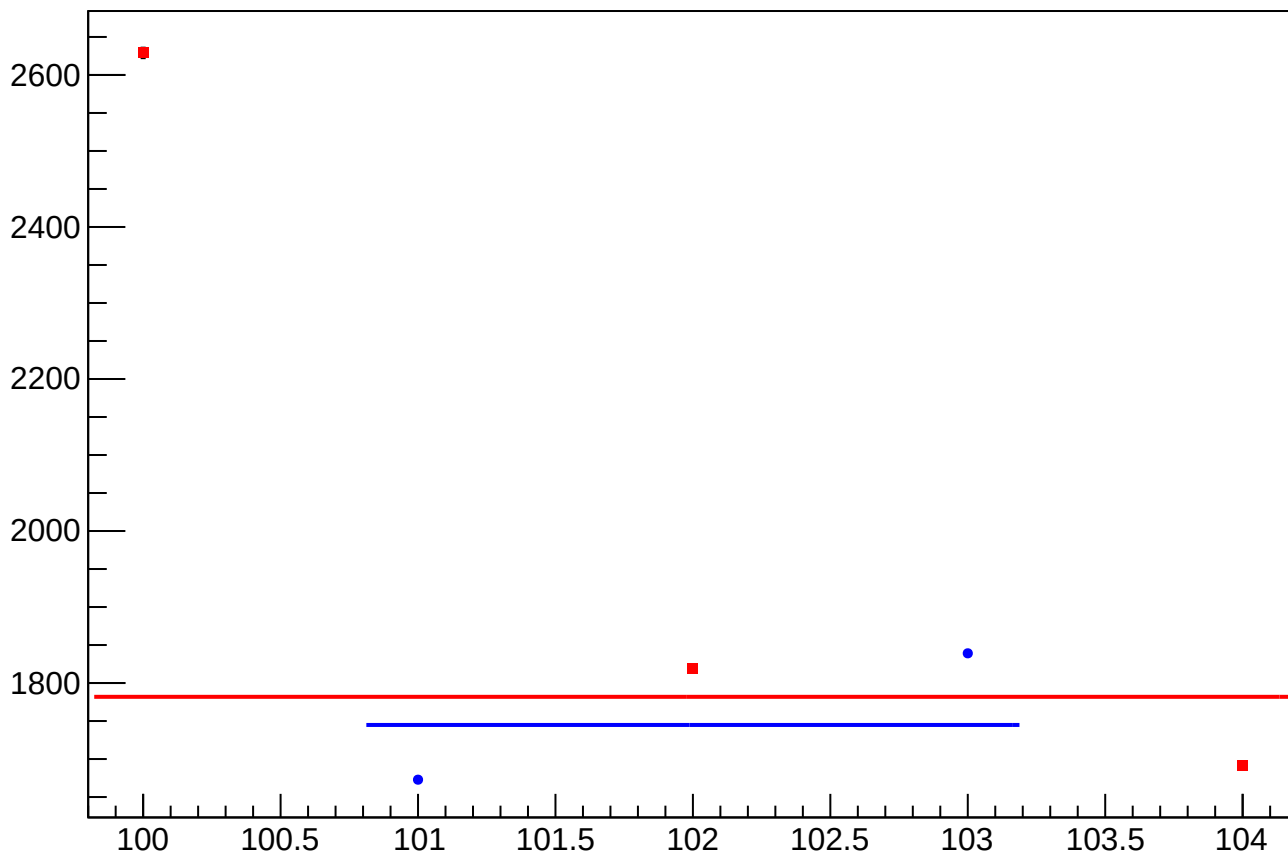
Right: -263.721+/-1120.661 χ^2/NDF : 9.4/4

In: -1758.598+/-1559.078 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.721+/-1120.661 χ^2/NDF : 9.4/4

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: 1781.849+/-1.140 χ^2/NDF : 18517.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

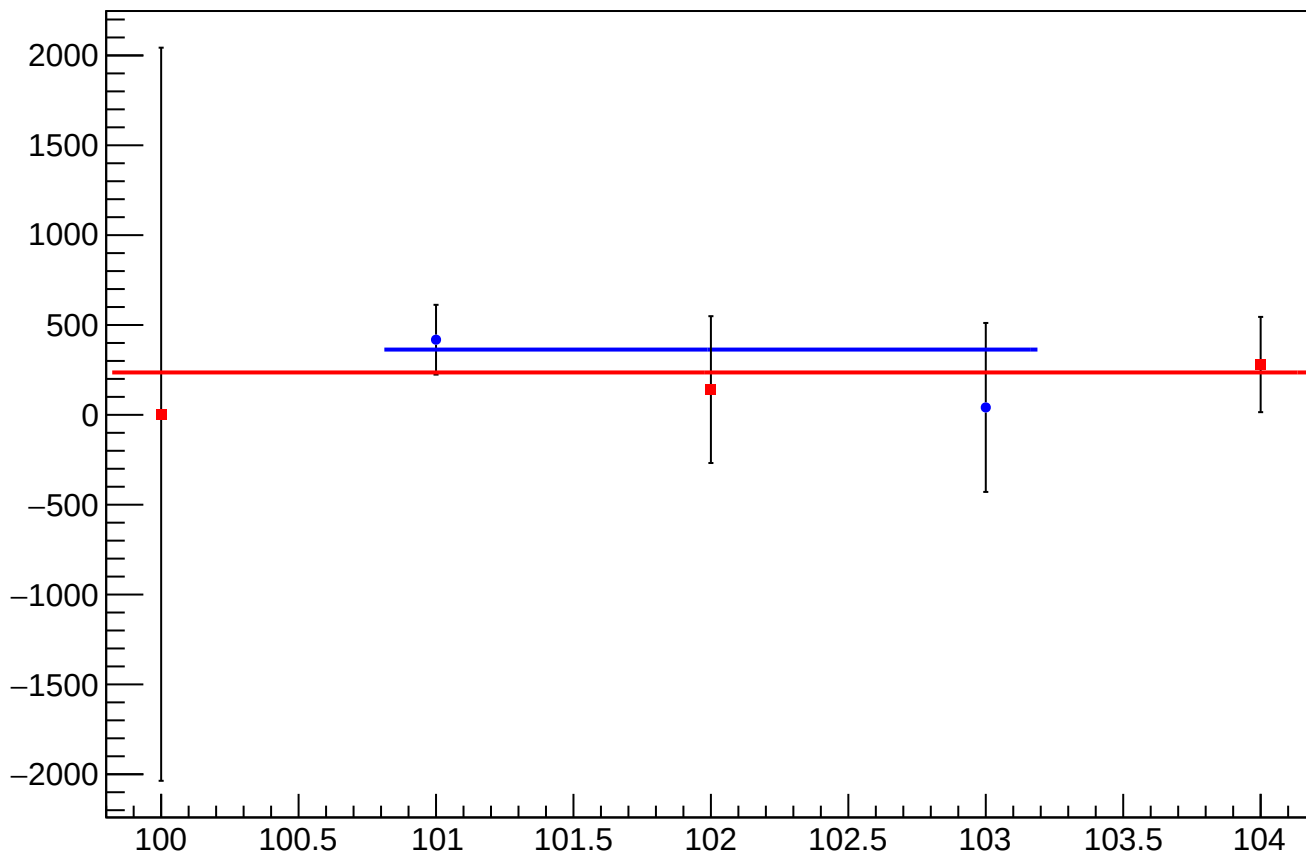
Right: 1762.724+/-0.792 χ^2/NDF : 24646.8/4

In: 1744.832+/-1.102 χ^2/NDF : 5584.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1762.724+/-0.792 χ^2/NDF : 24646.8/4

cor_asym_sam3_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

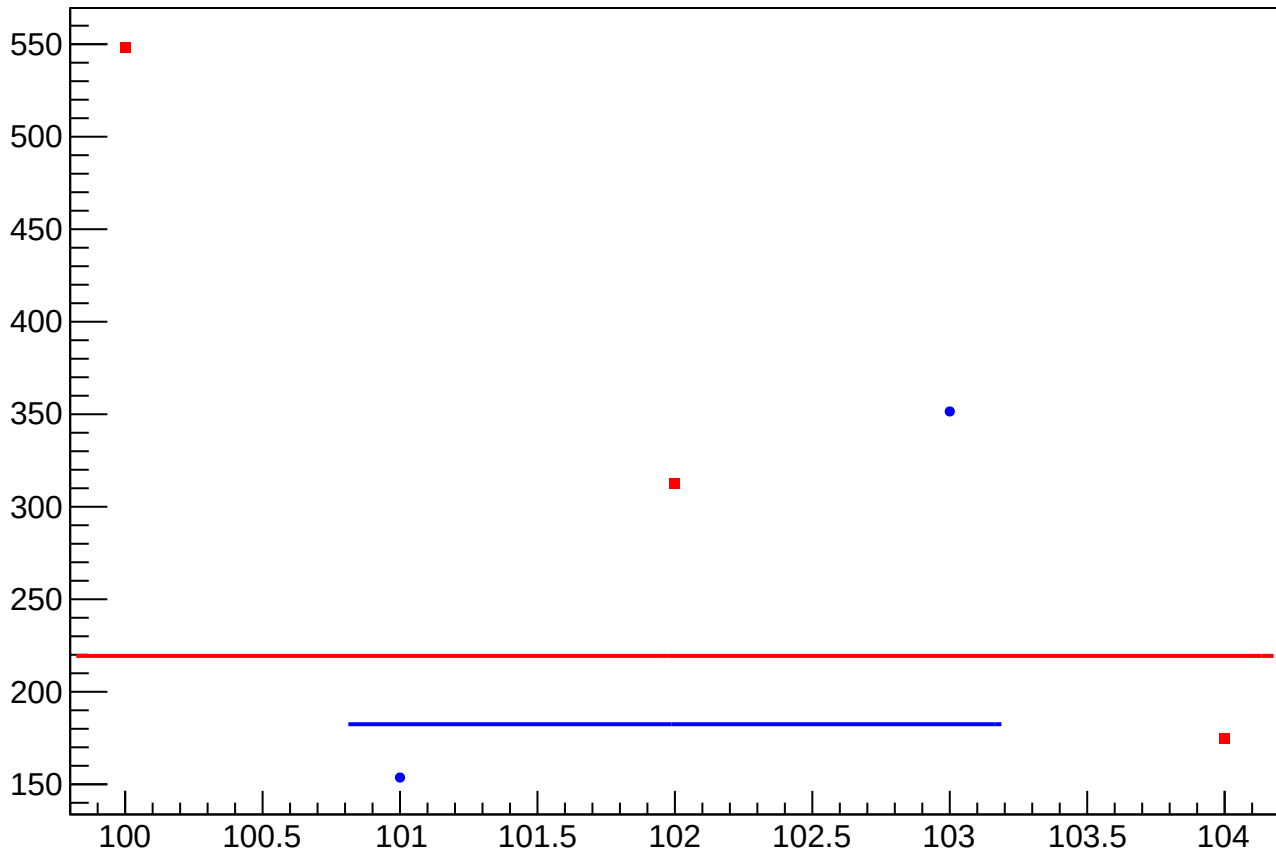
Right: 312.671 +/- 139.303 χ^2/NDF : 0.8/4

In: 363.235 +/- 179.412 χ^2/NDF : 0.5/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 312.671 +/- 139.303 χ^2/NDF : 0.8/4

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: 219.399+/-0.156 χ^2/NDF : 212931.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

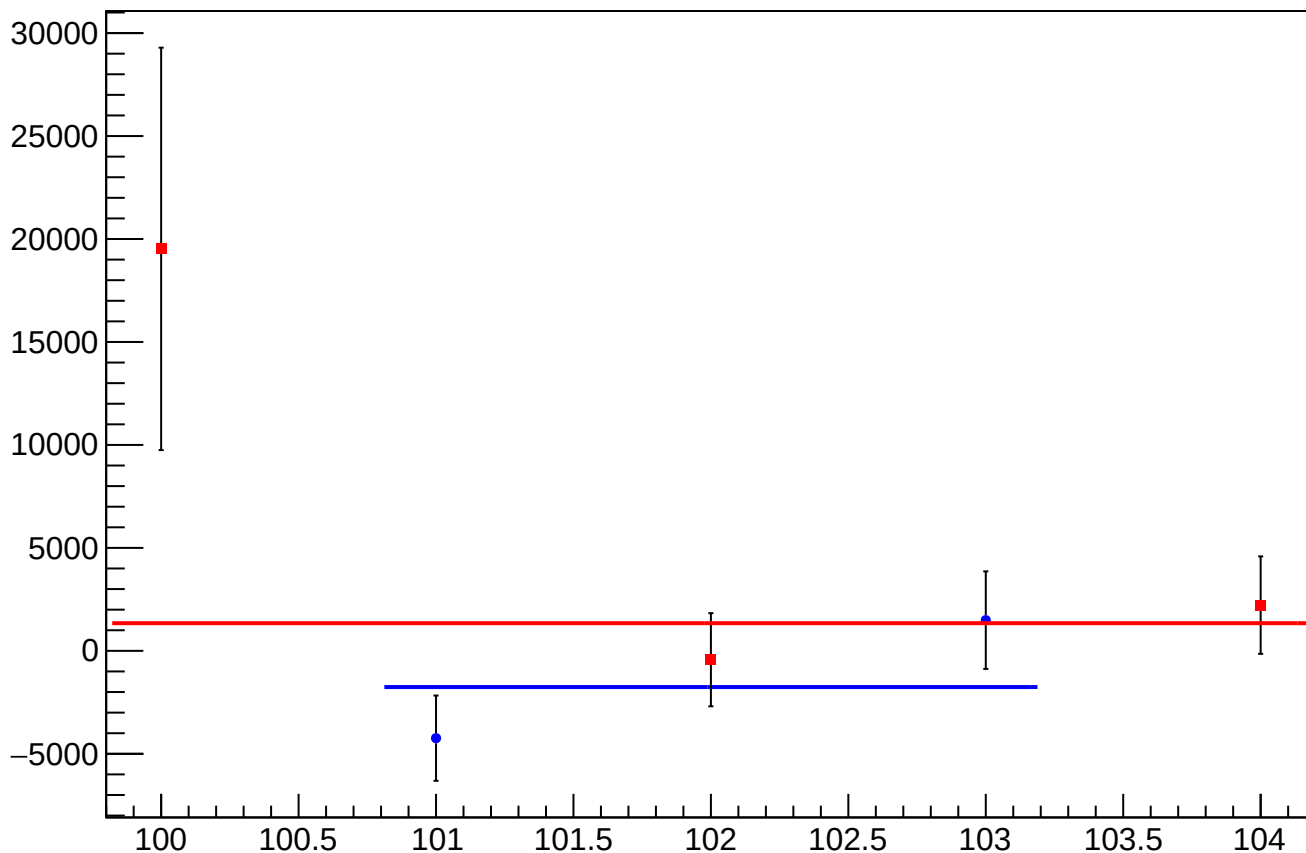
Right: 197.133+/-0.099 χ^2/NDF : 549244.3/4

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.133+/-0.099 χ^2/NDF : 549244.3/4

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: 1343.191+/-1612.727 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

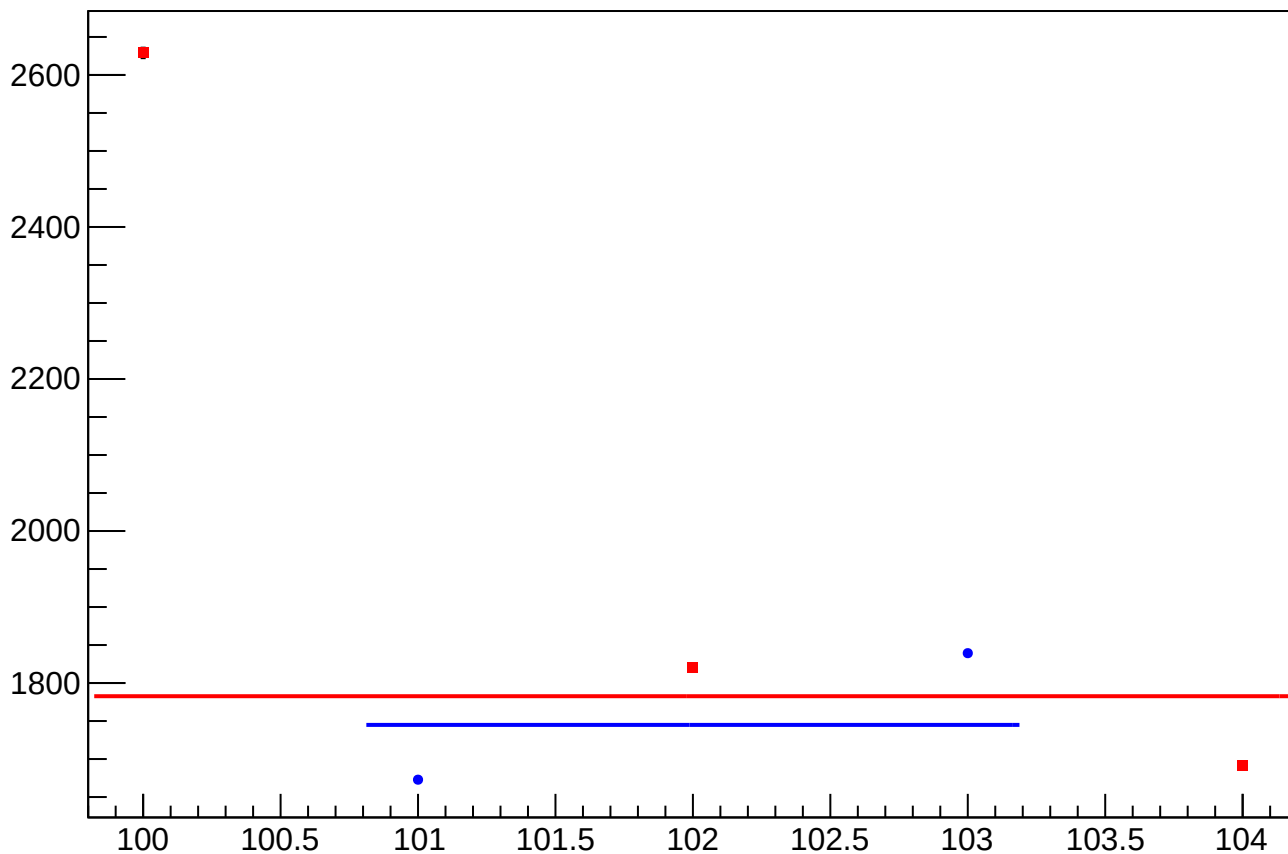
Right: -260.094+/-1120.949 χ^2/NDF : 9.4/4

In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.094+/-1120.949 χ^2/NDF : 9.4/4

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: 1782.651+/-1.140 χ^2/NDF : 18550.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

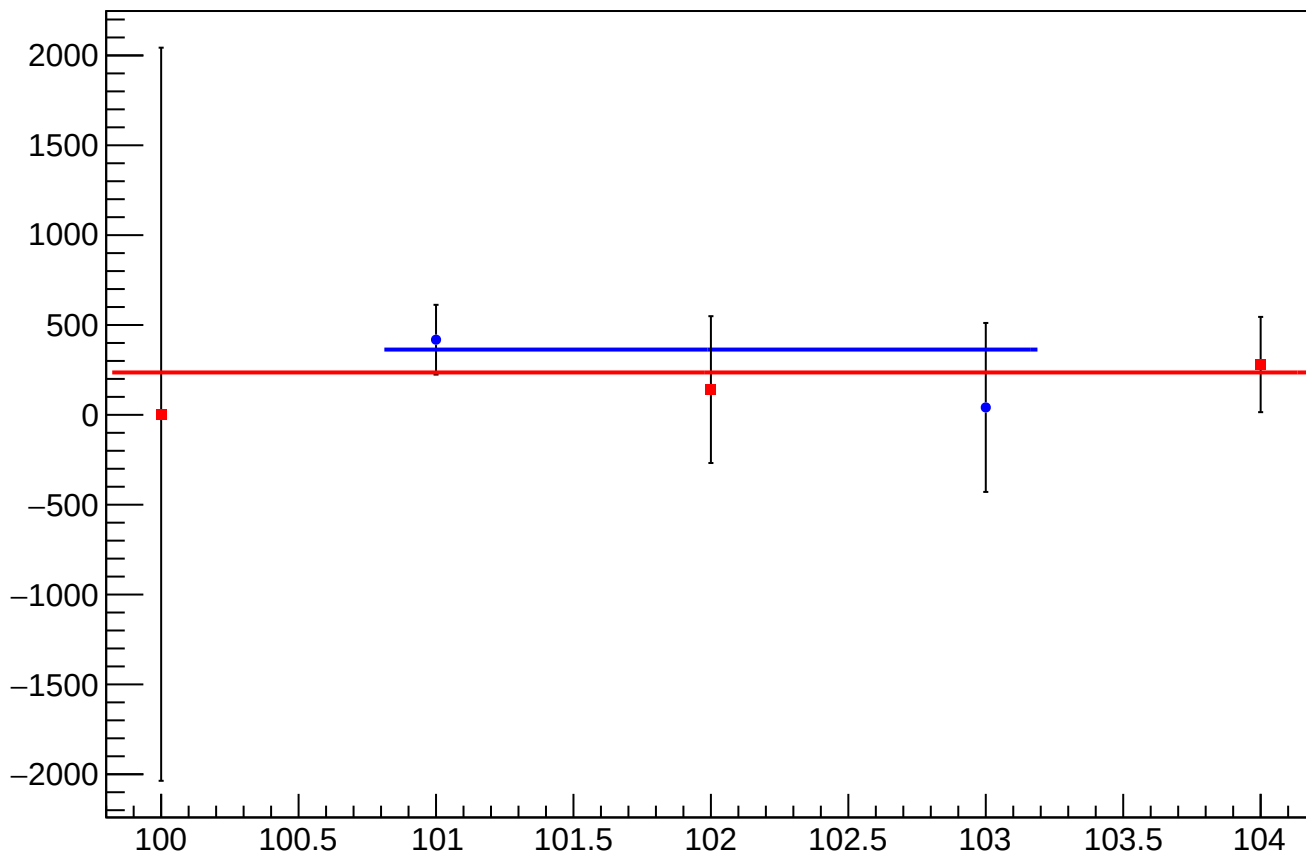
Right: 1763.142+/-0.793 χ^2/NDF : 24713.4/4

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.142+/-0.793 χ^2/NDF : 24713.4/4

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 363.235+/-179.412 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.913+/-221.049 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

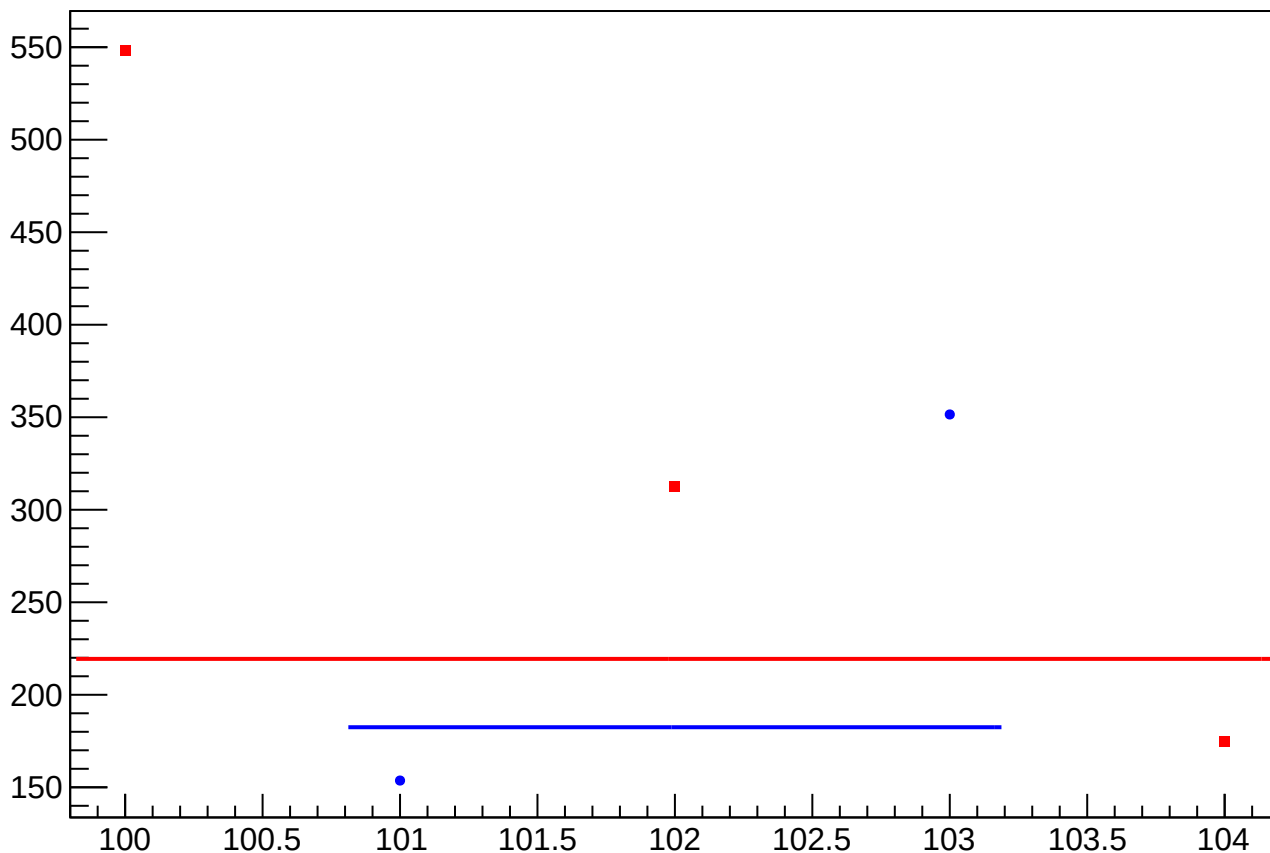
Right: 312.671+/-139.303 χ^2/NDF : 0.8/4

In: 363.235+/-179.412 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.671+/-139.303 χ^2/NDF : 0.8/4

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: 219.399+/-0.156 χ^2/NDF : 212931.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

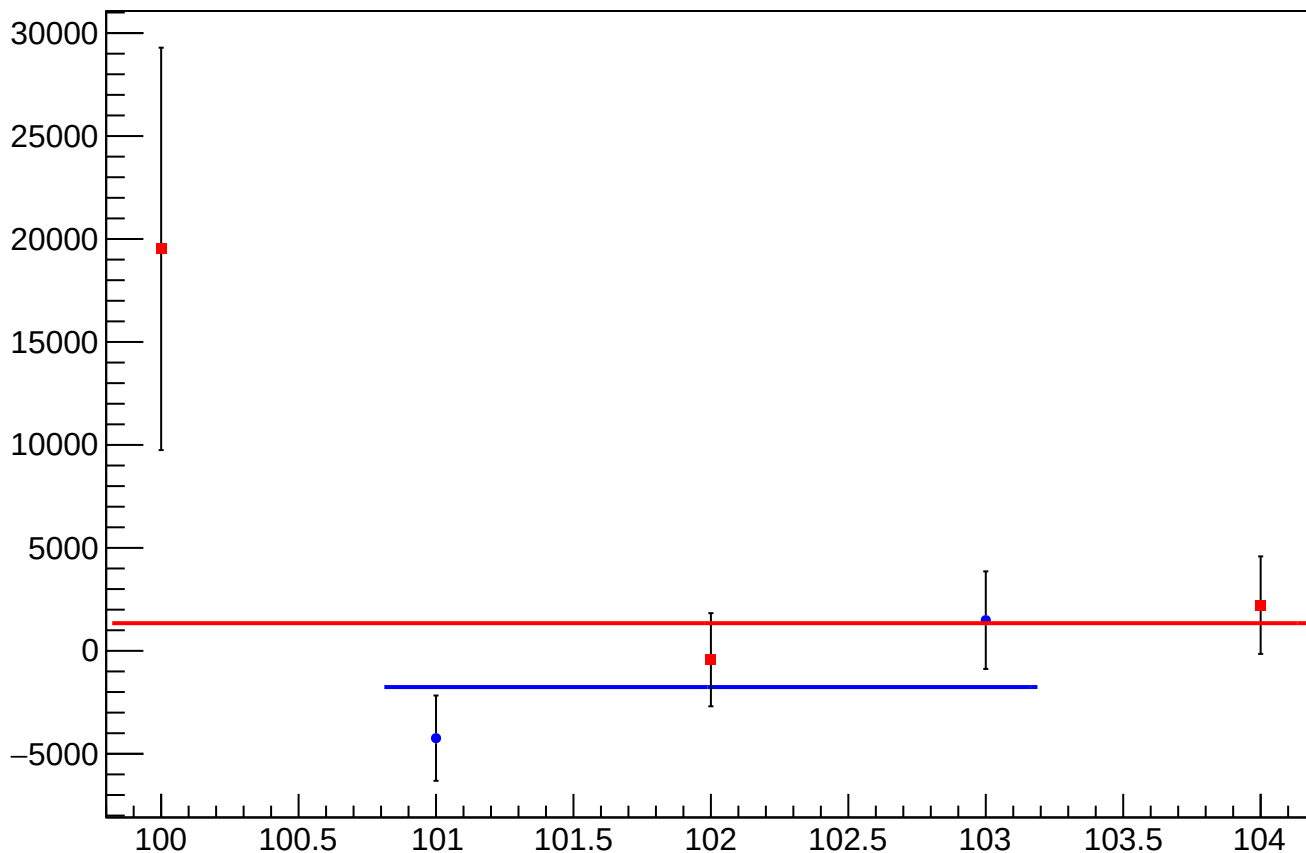
Right: 197.133+/-0.099 χ^2/NDF : 549244.3/4

In: 182.465+/-0.127 χ^2/NDF : 302653.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.133+/-0.099 χ^2/NDF : 549244.3/4

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: 1343.191+/-1612.727 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

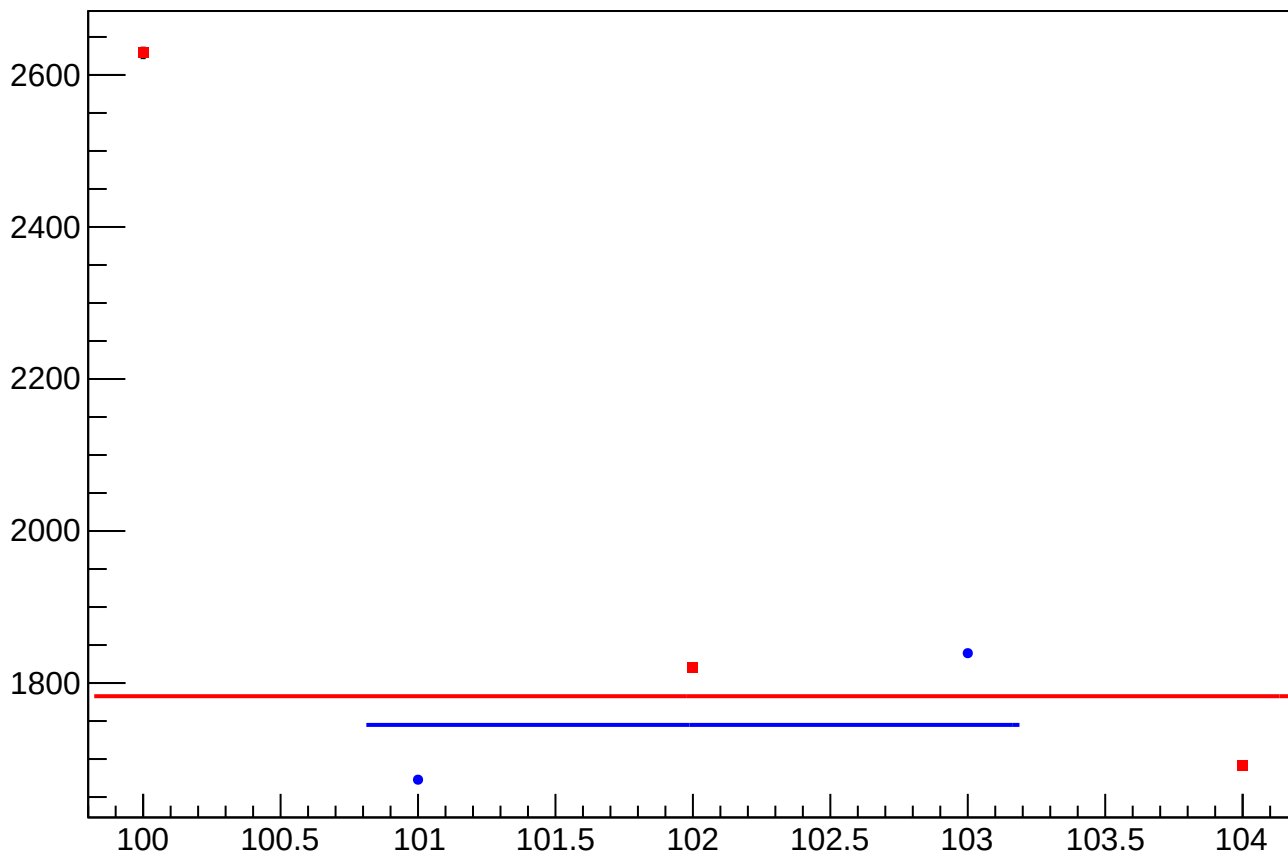
Right: -260.094+/-1120.949 χ^2/NDF : 9.4/4

In: -1758.628+/-1559.153 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.094+/-1120.949 χ^2/NDF : 9.4/4

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: 1782.651+/-1.140 χ^2/NDF : 18550.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

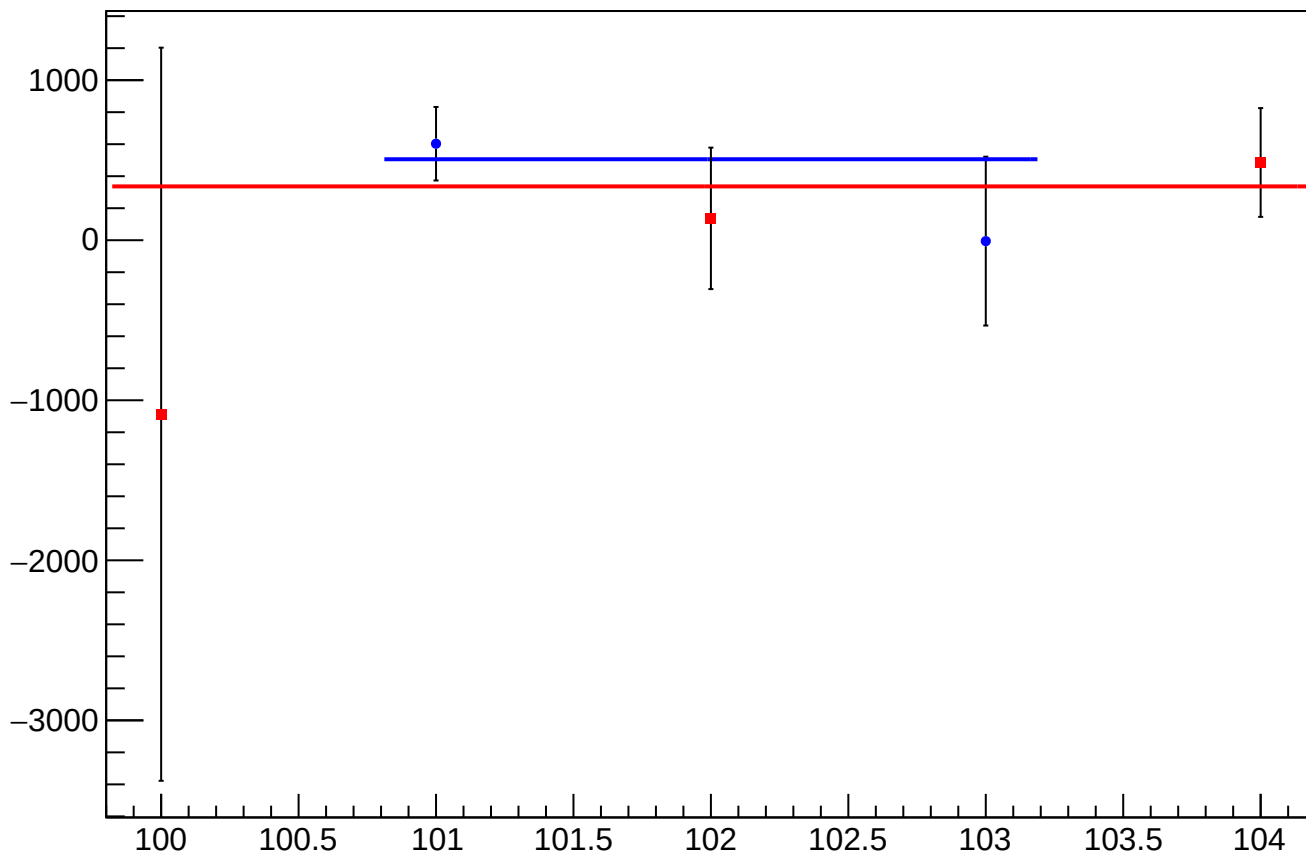
Right: 1763.142+/-0.793 χ^2/NDF : 24713.4/4

In: 1744.908+/-1.102 χ^2/NDF : 5596.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1763.142+/-0.793 χ^2/NDF : 24713.4/4

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: 336.295 $\pm$ 267.552 χ^2 /NDF: 0.8/2

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

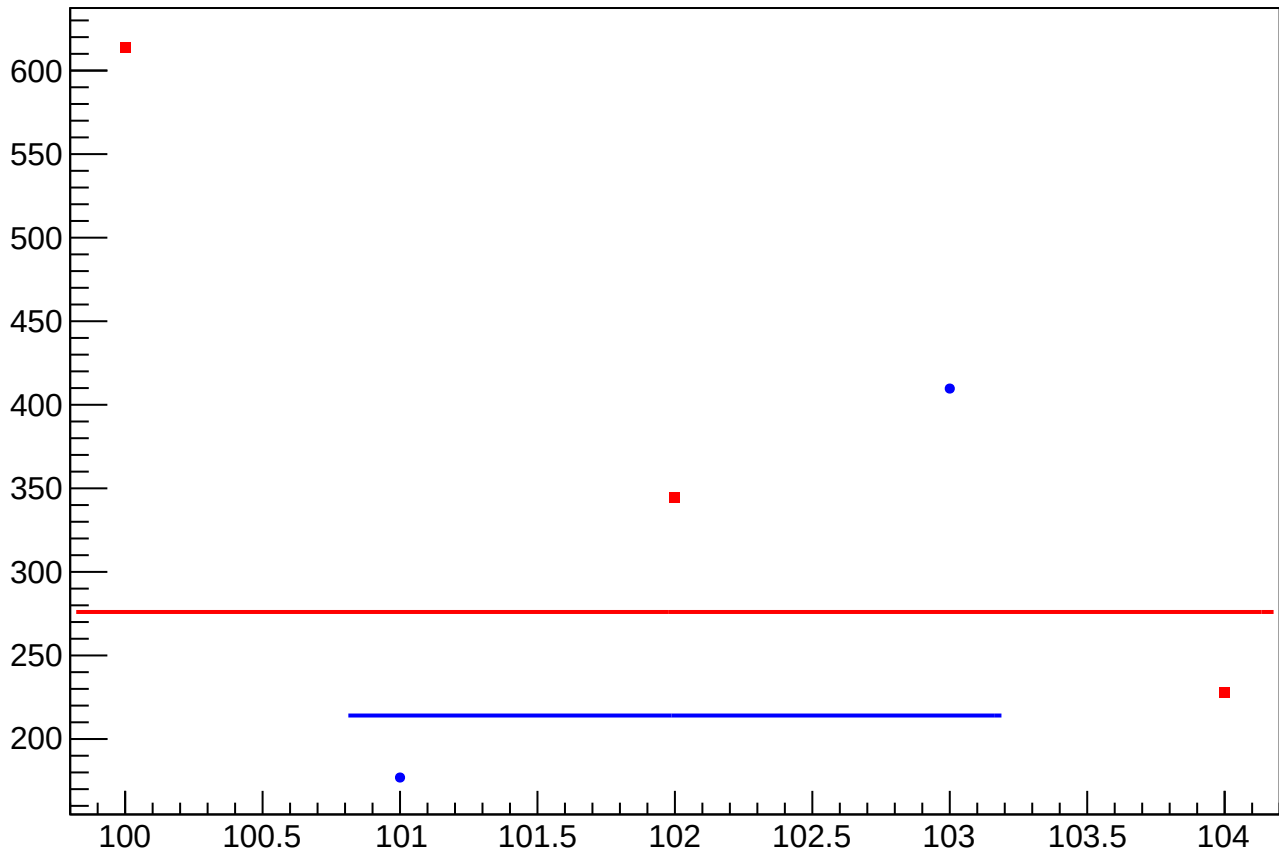
Right: 441.027 $\pm$ 165.478 χ^2 /NDF: 2.2/4

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: 441.027 $\pm$ 165.478 χ^2 /NDF: 2.2/4

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: 276.020+/-0.189 χ^2/NDF : 131276.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

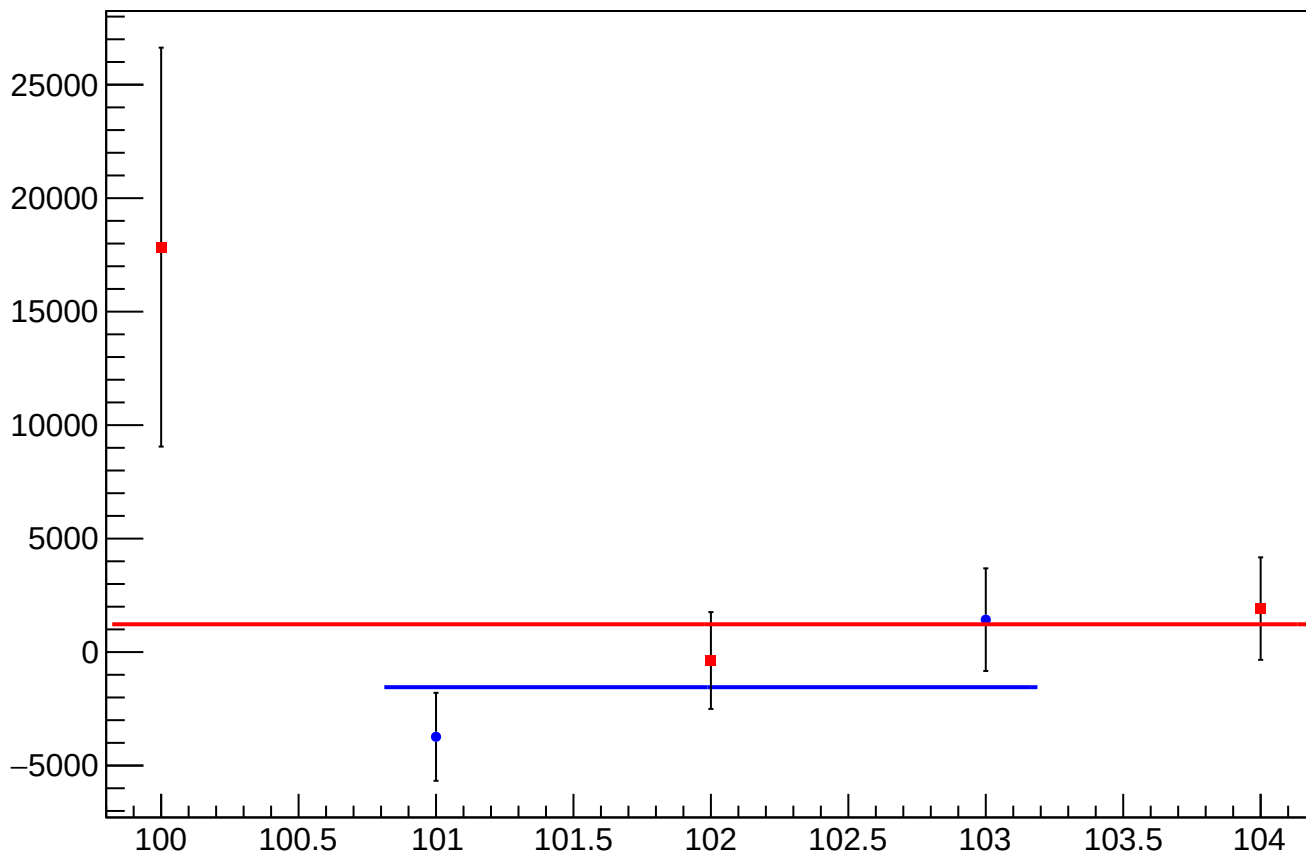
Right: 237.760+/-0.117 χ^2/NDF : 524901.0/4

In: 214.058+/-0.149 χ^2/NDF : 327392.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.760+/-0.117 χ^2/NDF : 524901.0/4

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.702+/-1471.504 χ^2/NDF : 3.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1224.491+/-1527.237 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

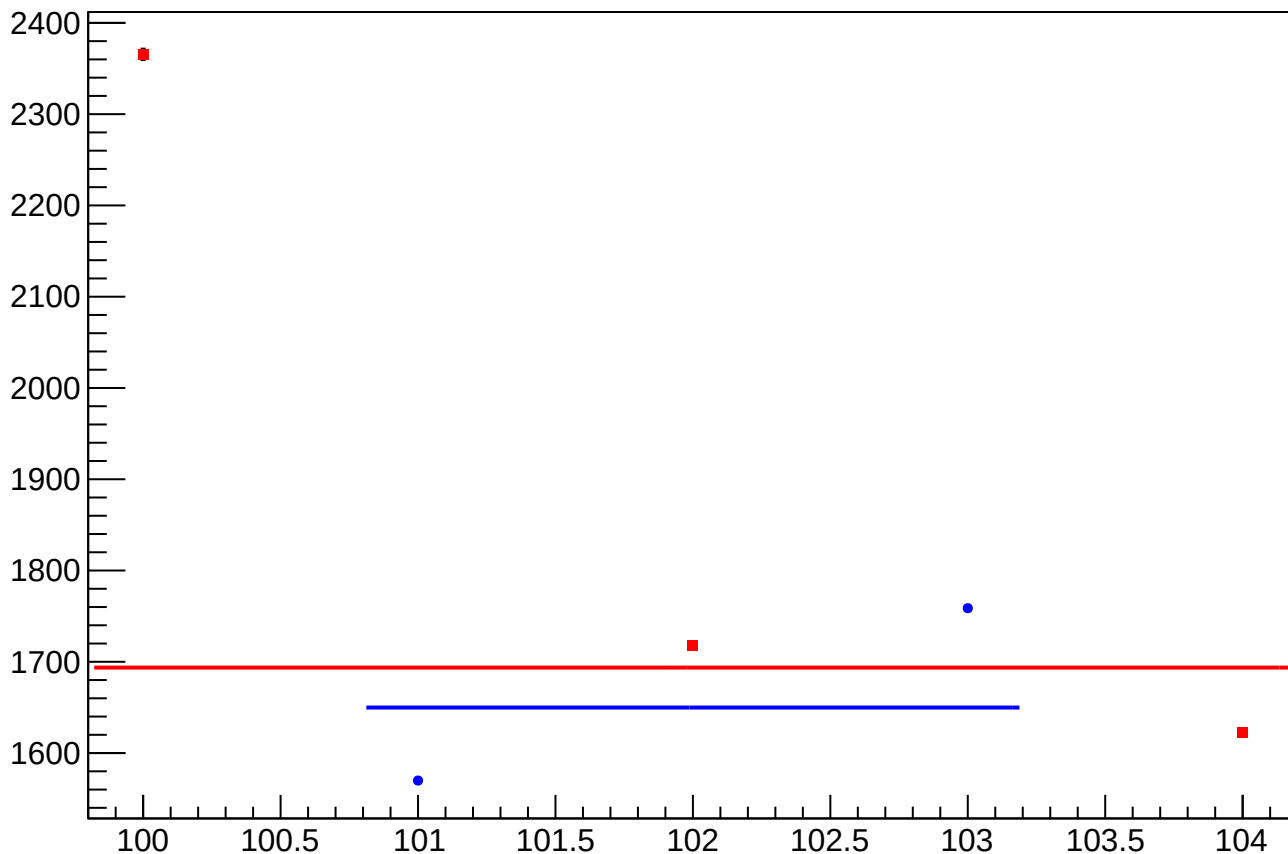
Right: -212.592+/-1059.666 χ^2/NDF : 8.9/4

In: -1546.702+/-1471.504 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.592+/-1059.666 χ^2/NDF : 8.9/4

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.880 ± 1.041 $\chi^2/\text{NDF}: 8041.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1693.673 ± 1.080 $\chi^2/\text{NDF}: 13948.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

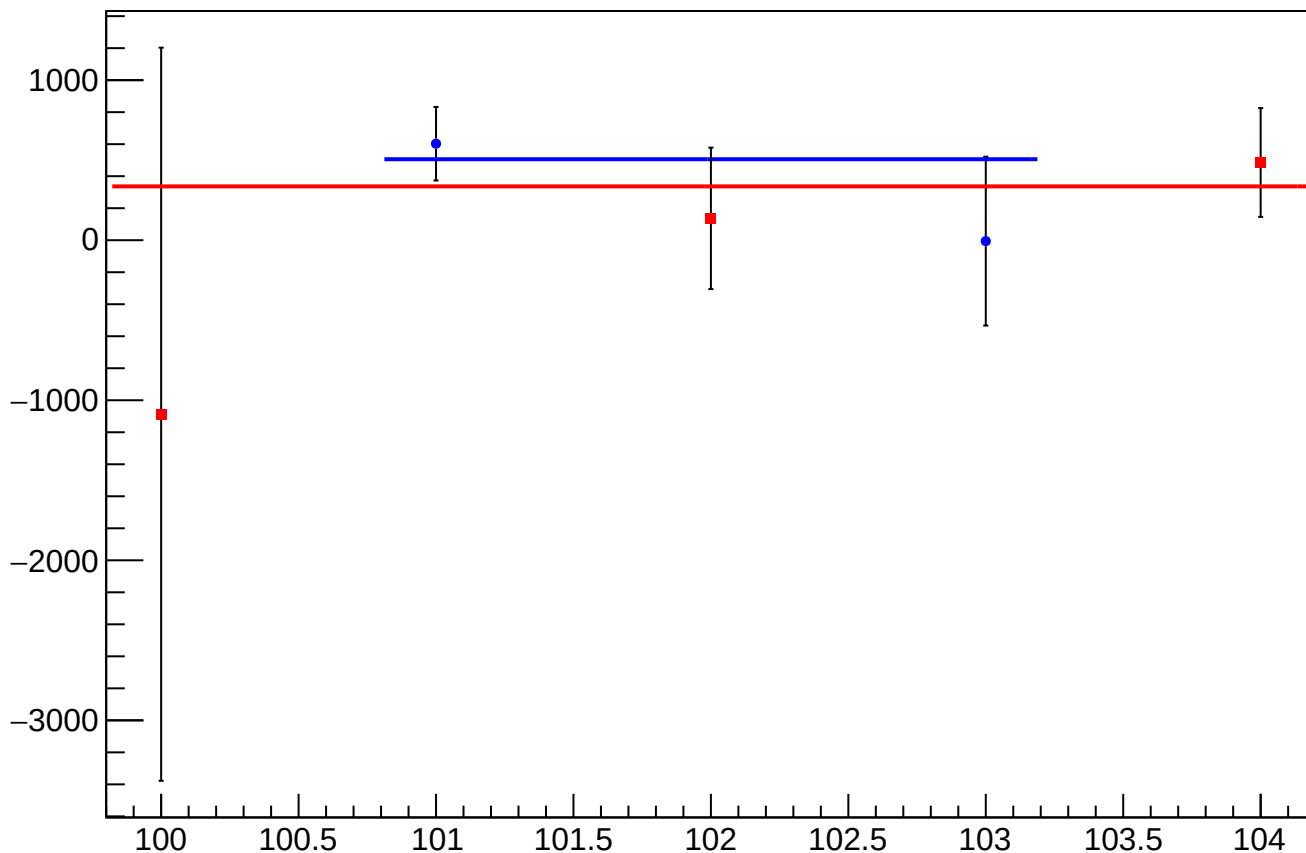
Right: 1670.963 ± 0.749 $\chi^2/\text{NDF}: 22843.3/4$

In: 1649.880 ± 1.041 $\chi^2/\text{NDF}: 8041.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1670.963 ± 0.749 $\chi^2/\text{NDF}: 22843.3/4$

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: 336.300 $\pm$ 267.555 χ^2 /NDF: 0.8/2

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

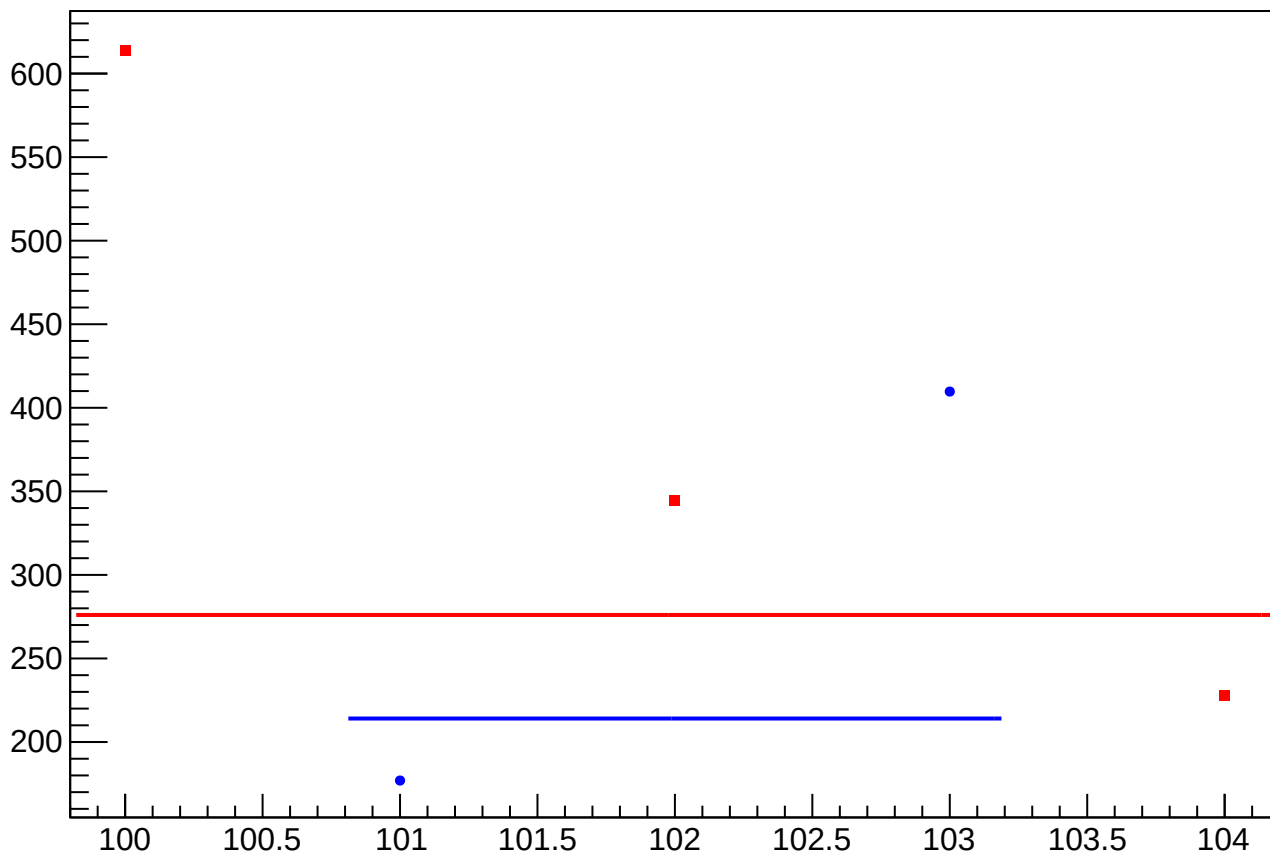
Right: 441.034 $\pm$ 165.480 χ^2 /NDF: 2.2/4

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: 441.034 $\pm$ 165.480 χ^2 /NDF: 2.2/4

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 214.061 $\pm$ 0.149 χ^2 /NDF: 327386.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 276.023 $\pm$ 0.189 χ^2 /NDF: 131273.9/2

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

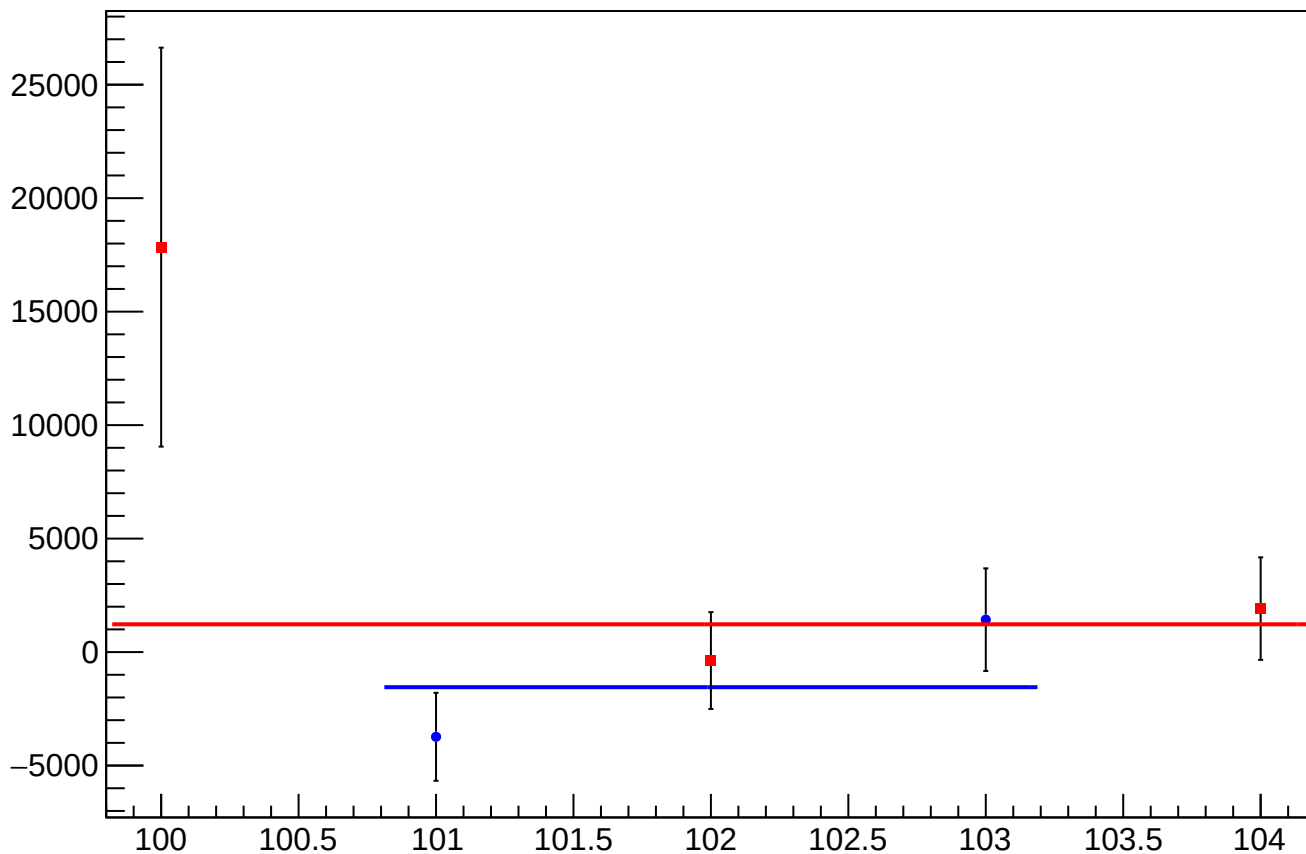
Right: 237.764 $\pm$ 0.117 χ^2 /NDF: 524892.8/4

In: 214.061 $\pm$ 0.149 χ^2 /NDF:327386.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 237.764 $\pm$ 0.117 χ^2 /NDF: 524892.8/4

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1546.695 $\pm$ 1471.498 χ^2 /NDF: 3.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1224.486 $\pm$ 1527.230 χ^2 /NDF: 4.2/2

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

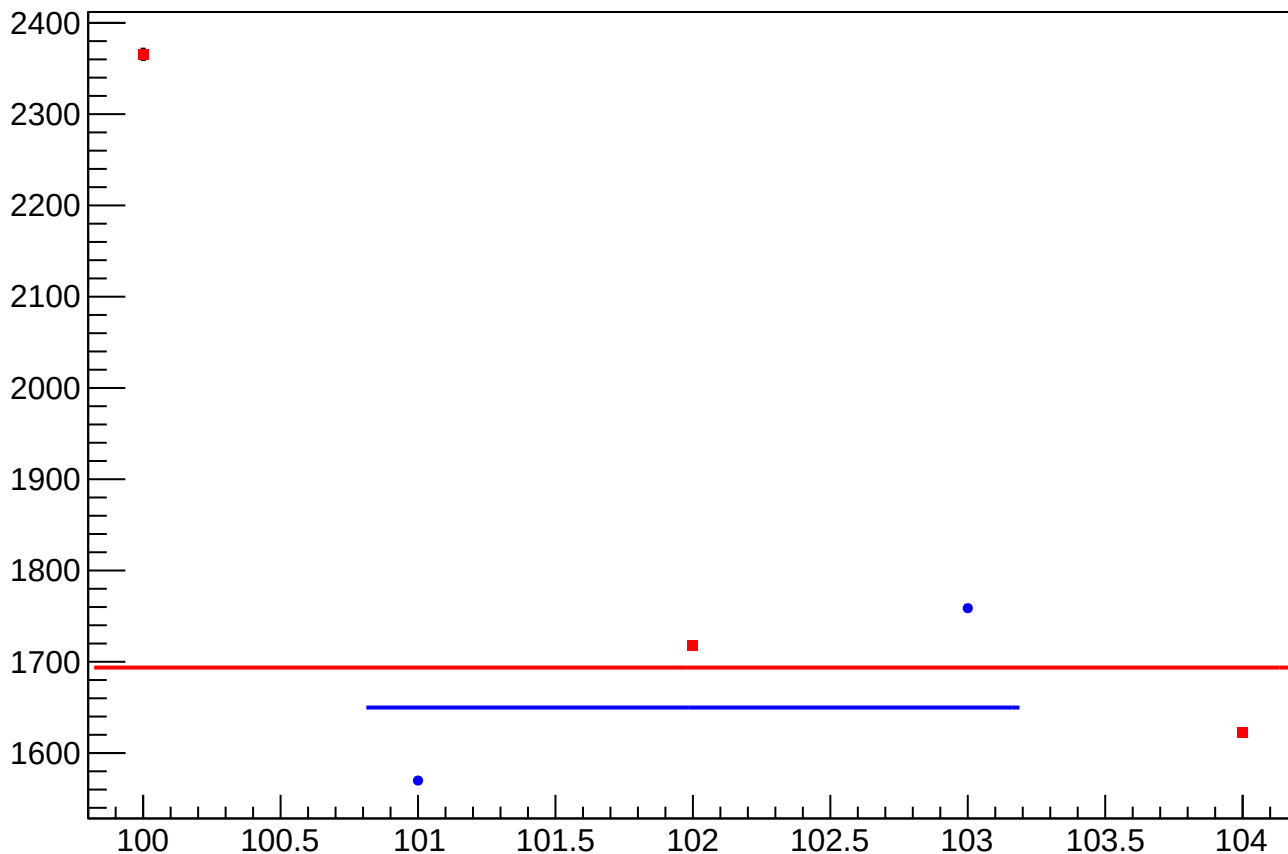
Right: -212.591 $\pm$ 1059.661 χ^2 /NDF: 8.9/4

In: -1546.695 $\pm$ 1471.498 χ^2 /NDF: 3.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.591 $\pm$ 1059.661 χ^2 /NDF: 8.9/4

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1649.872 ± 1.041 $\chi^2/\text{NDF}: 8041.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1693.666 ± 1.080 $\chi^2/\text{NDF}: 13948.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

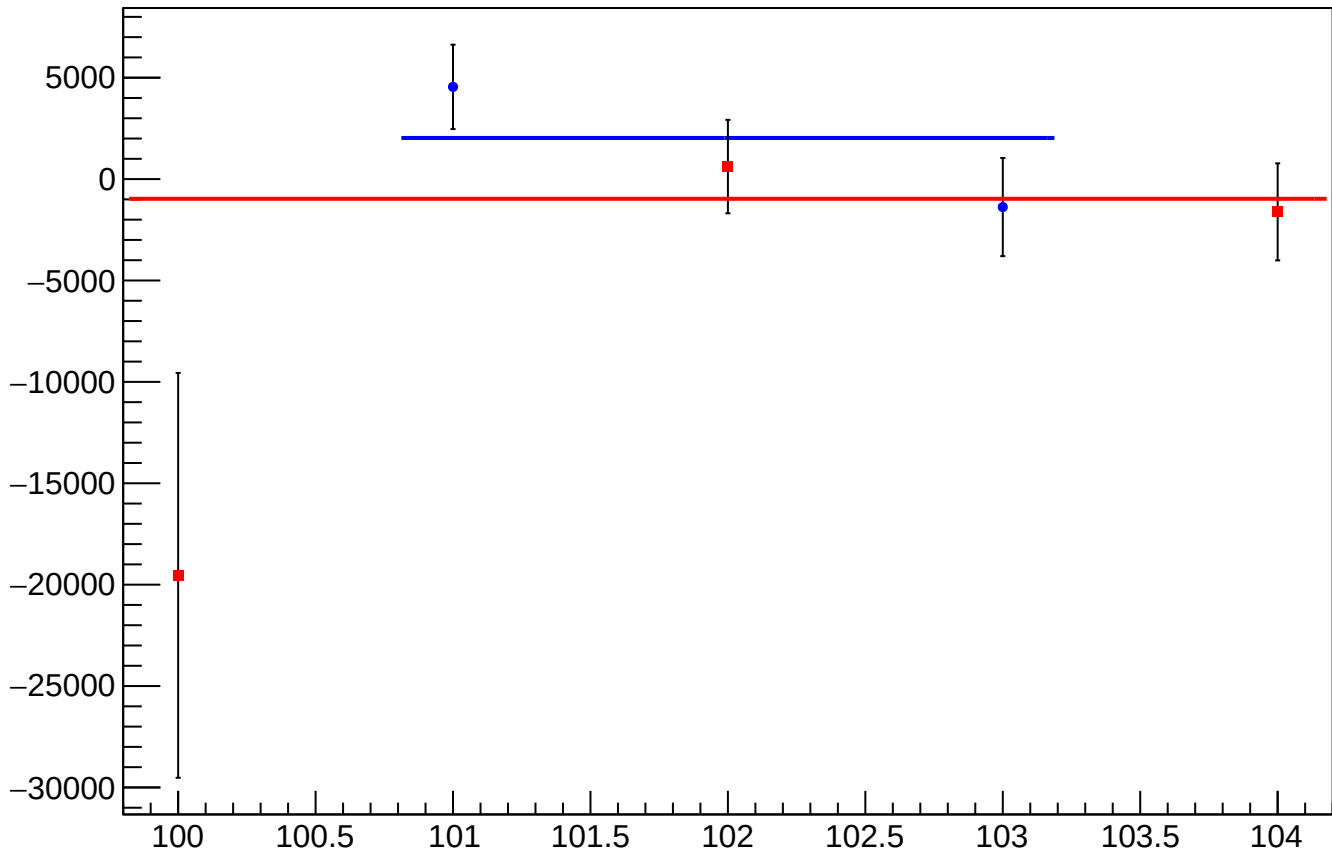
Right: 1670.956 ± 0.749 $\chi^2/\text{NDF}: 22843.3/4$

In: 1649.872 ± 1.041 $\chi^2/\text{NDF}: 8041.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1670.956 ± 0.749 $\chi^2/\text{NDF}: 22843.3/4$

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: -970.469+/-1637.099 χ^2 /NDF: 4.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

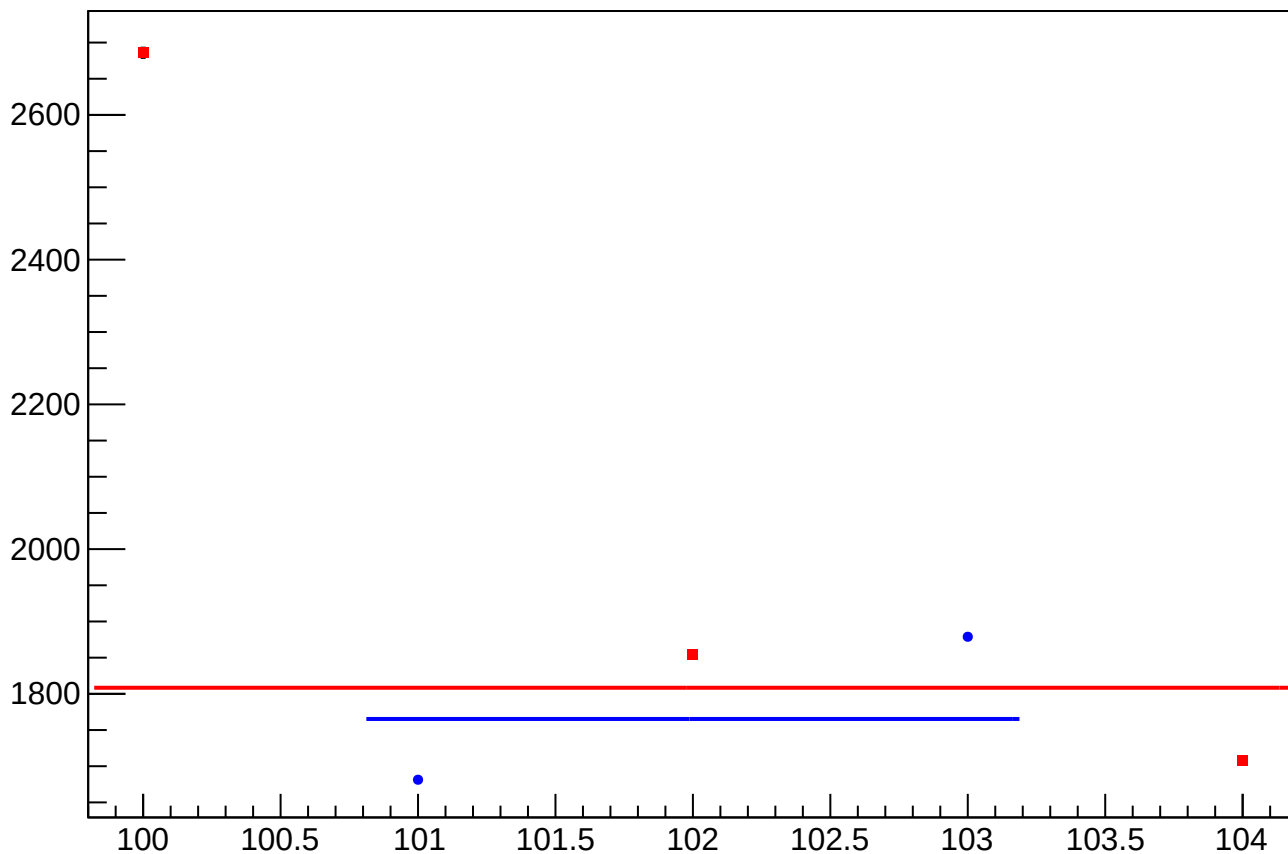
Right: 583.908+/-1136.219 χ^2 /NDF: 9.2/4

In: 2028.507+/-1578.230 χ^2 /NDF:3.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 583.908+/-1136.219 χ^2 /NDF: 9.2/4

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: 1808.435+/-1.158 χ^2/NDF : 19758.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

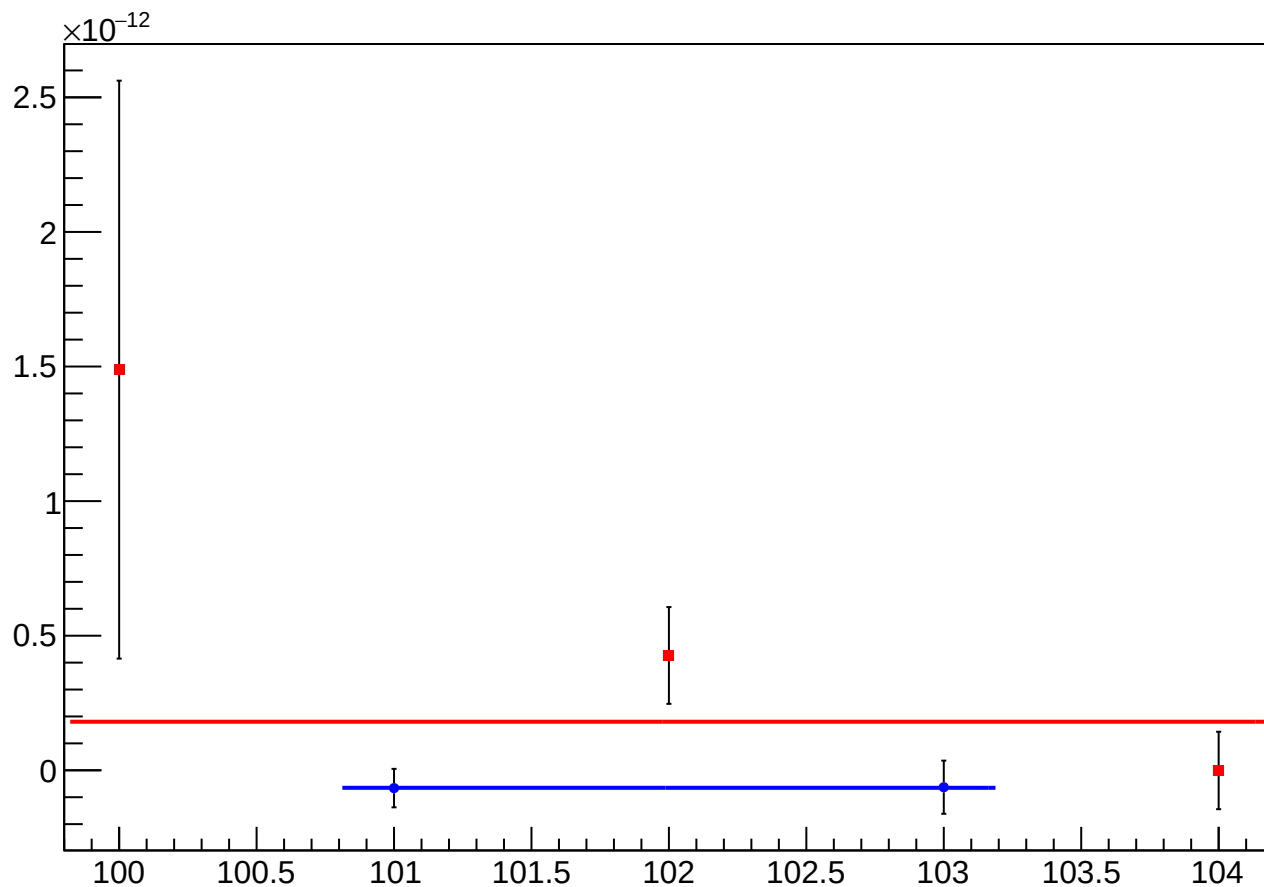
Right: 1786.072+/-0.803 χ^2/NDF : 28137.7/4

In: 1765.289+/-1.116 χ^2/NDF : 7659.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1786.072+/-0.803 χ^2/NDF : 28137.7/4

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 : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

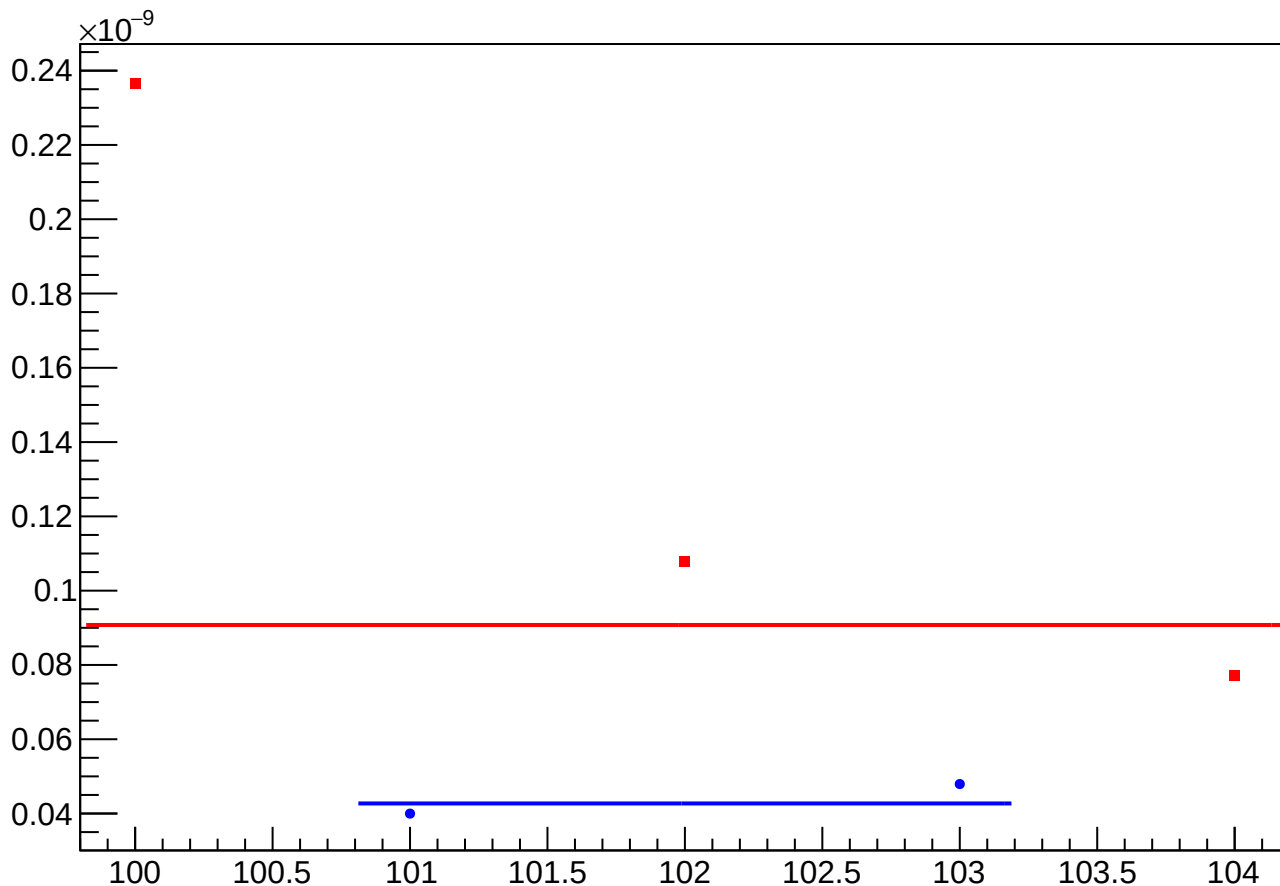
Right: -0.000+/-0.000 χ^2/NDF : 8.8/4

In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.8/4

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 : 72383.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

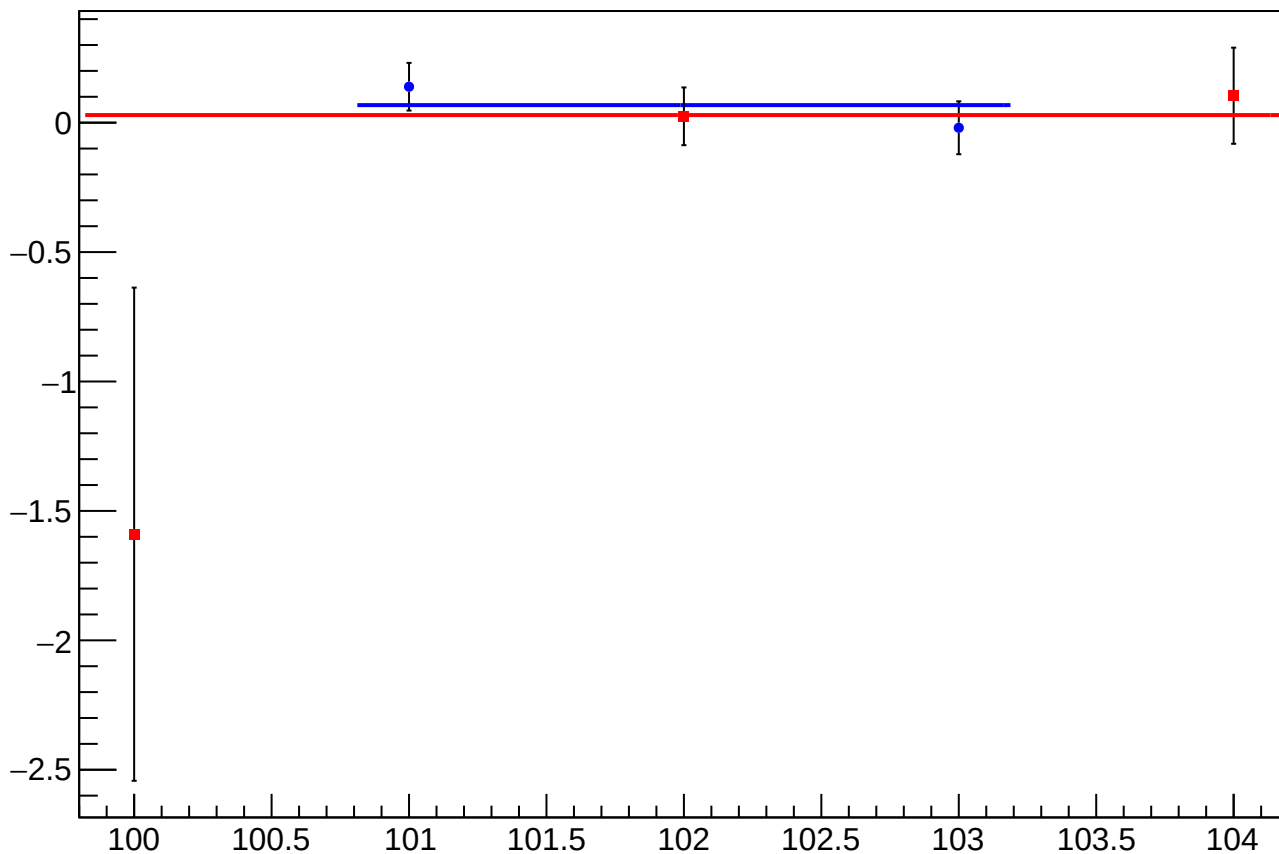
Right: 0.000+/-0.000 χ^2/NDF : 372552.8/4

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 : 372552.8/4

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: 0.029+/-0.095 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

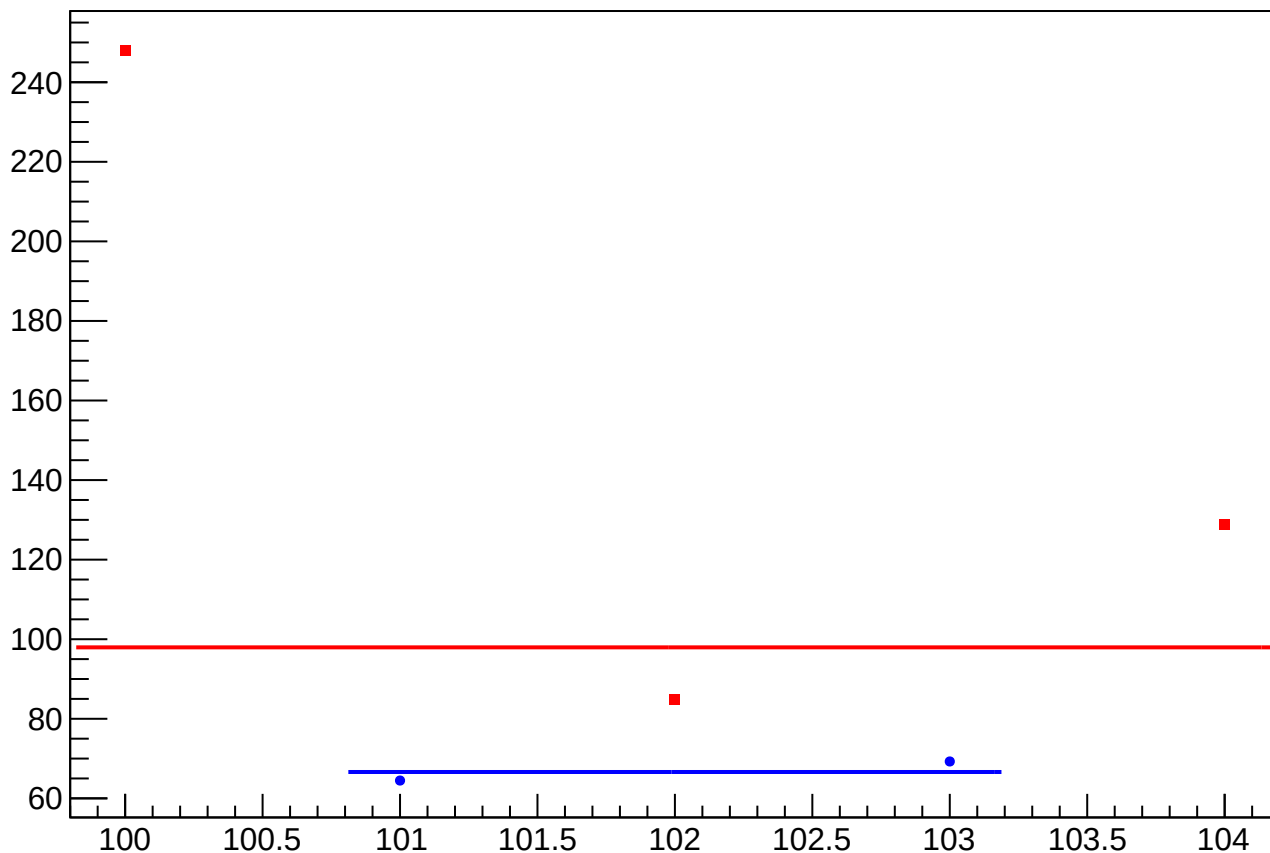
Right: 0.055+/-0.056 χ^2/NDF : 4.5/4

In: 0.068+/-0.068 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.056 χ^2/NDF : 4.5/4

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.626 $\pm$ 0.048 χ^2 /NDF: 2430.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.954 $\pm$ 0.067 χ^2 /NDF: 132778.9/2

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

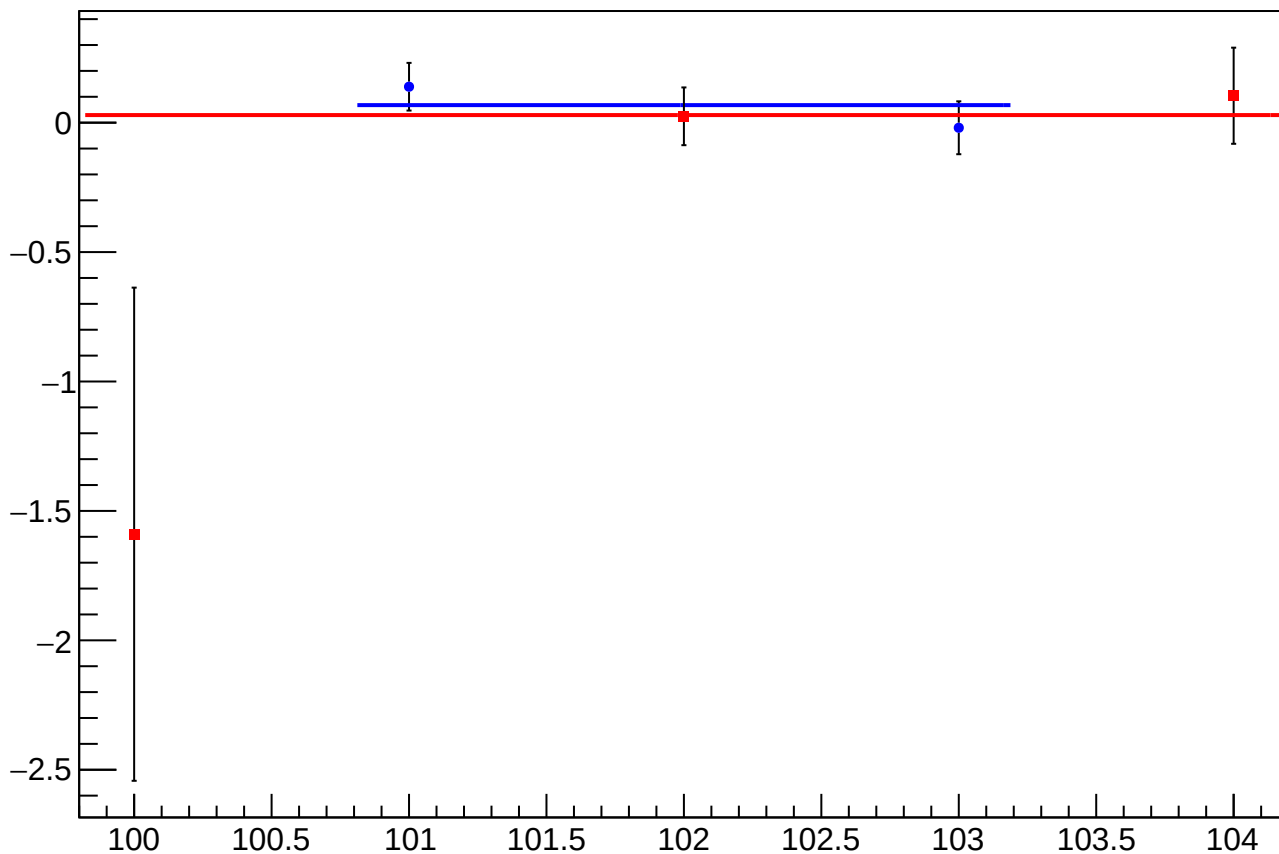
Right: 77.301 $\pm$ 0.039 χ^2 /NDF: 278185.7/4

In: 66.626 $\pm$ 0.048 χ^2 /NDF:2430.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.301 $\pm$ 0.039 χ^2 /NDF: 278185.7/4

asym_sam3_dit_vs_eigen_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: 0.029+/-0.095 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

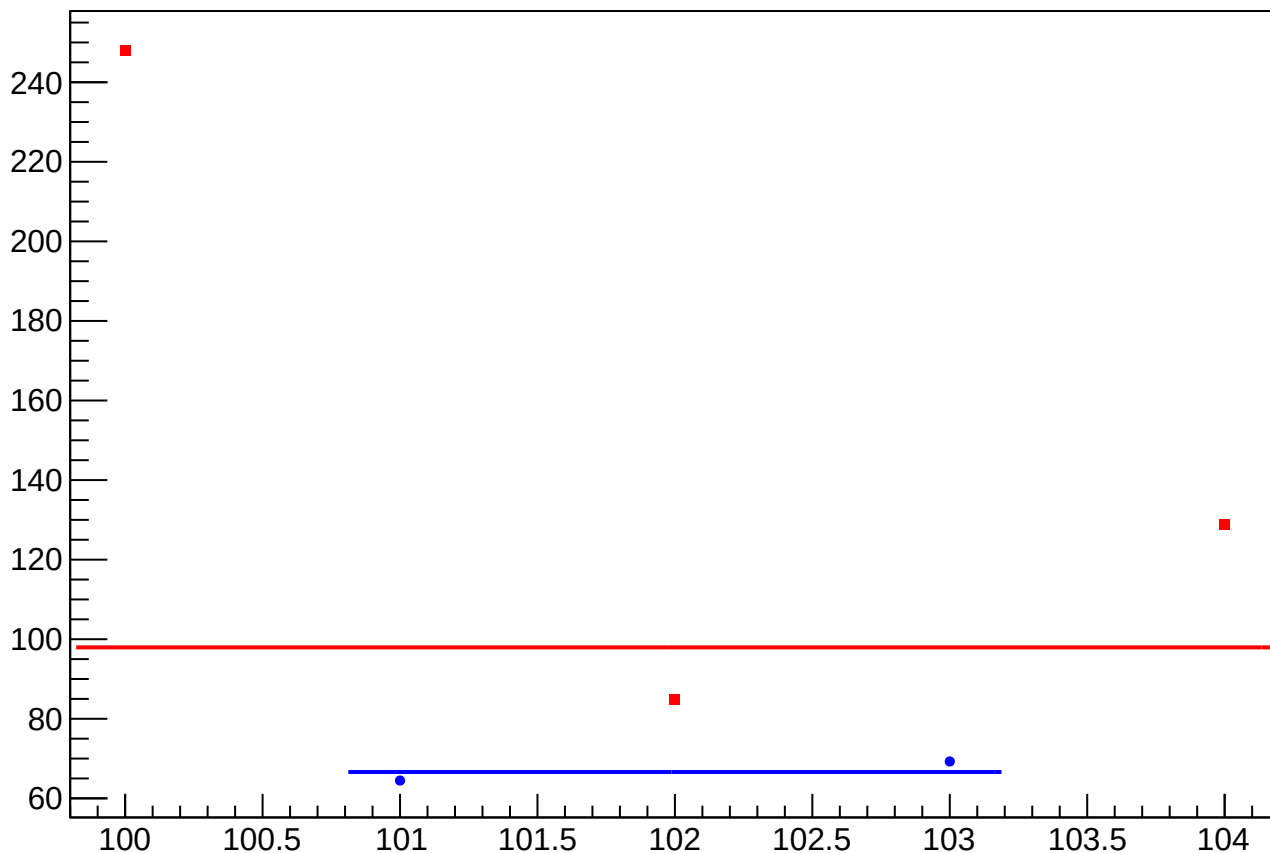
Right: 0.055+/-0.056 χ^2/NDF : 4.5/4

In: 0.068+/-0.068 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.056 χ^2/NDF : 4.5/4

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: 97.954+/-0.067 χ^2/NDF : 132778.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

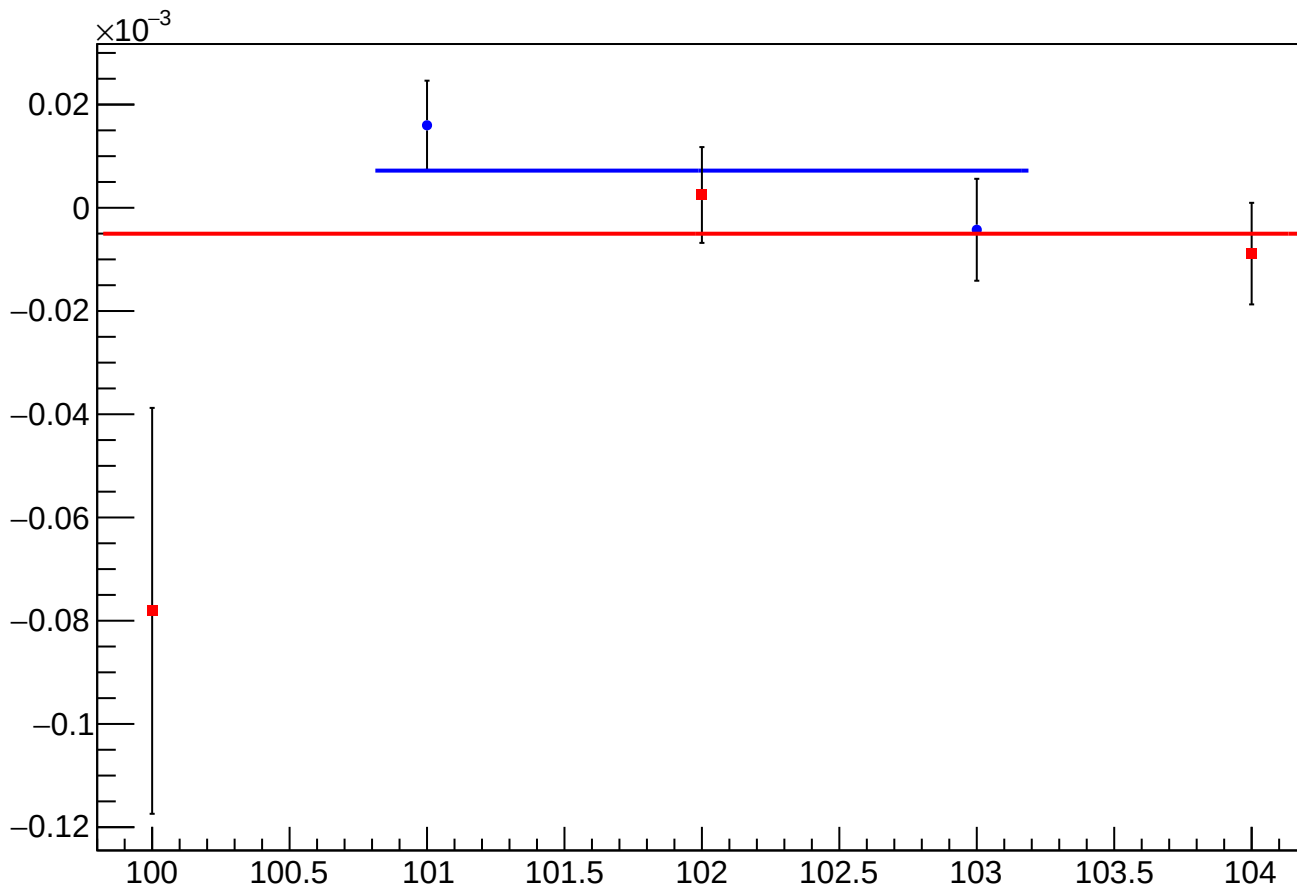
Right: 77.301+/-0.039 χ^2/NDF : 278185.7/4

In: 66.626+/-0.048 χ^2/NDF : 2430.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.301+/-0.039 χ^2/NDF : 278185.7/4

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 : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

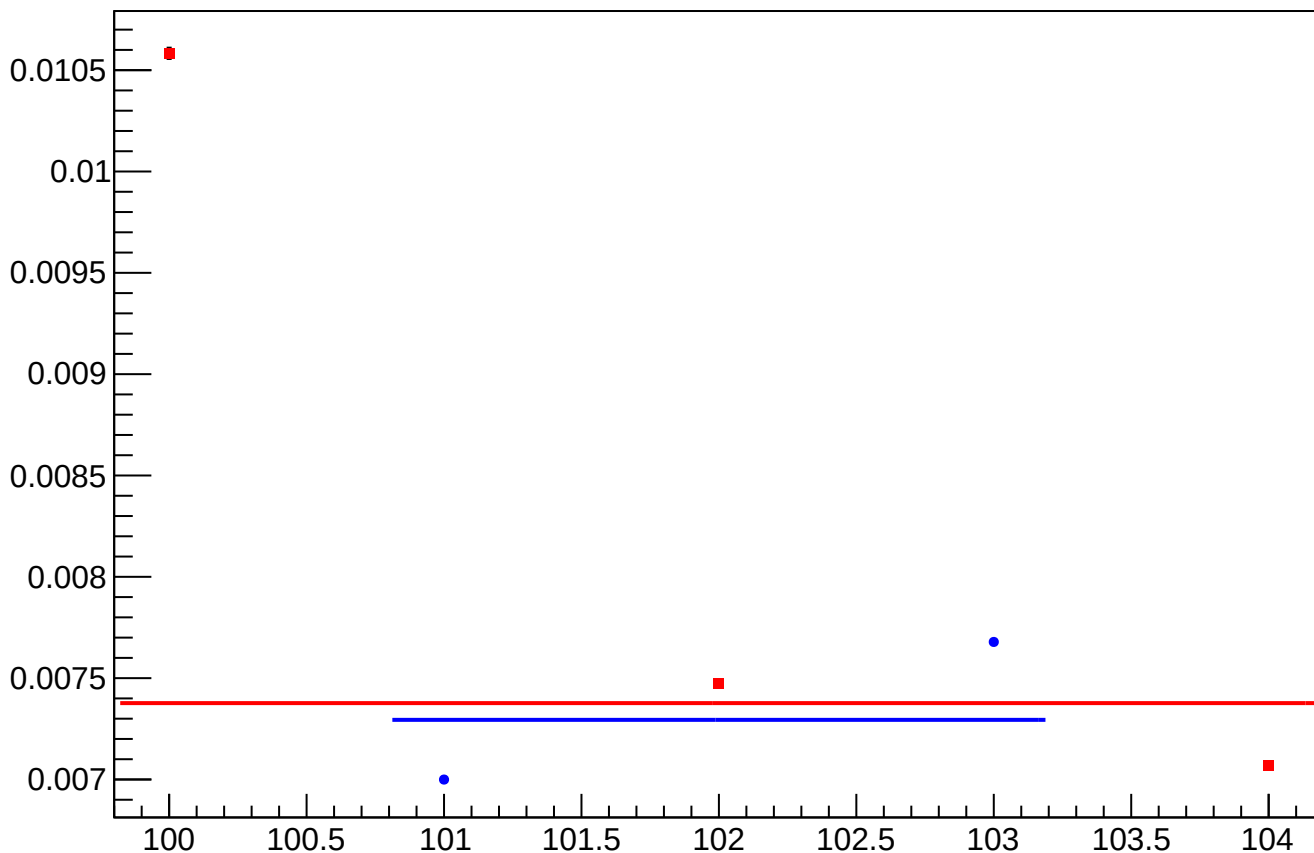
Right: 0.000+/-0.000 χ^2/NDF : 8.4/4

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 : 8.4/4

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: 0.007+/-0.000 χ^2/NDF : 15482.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

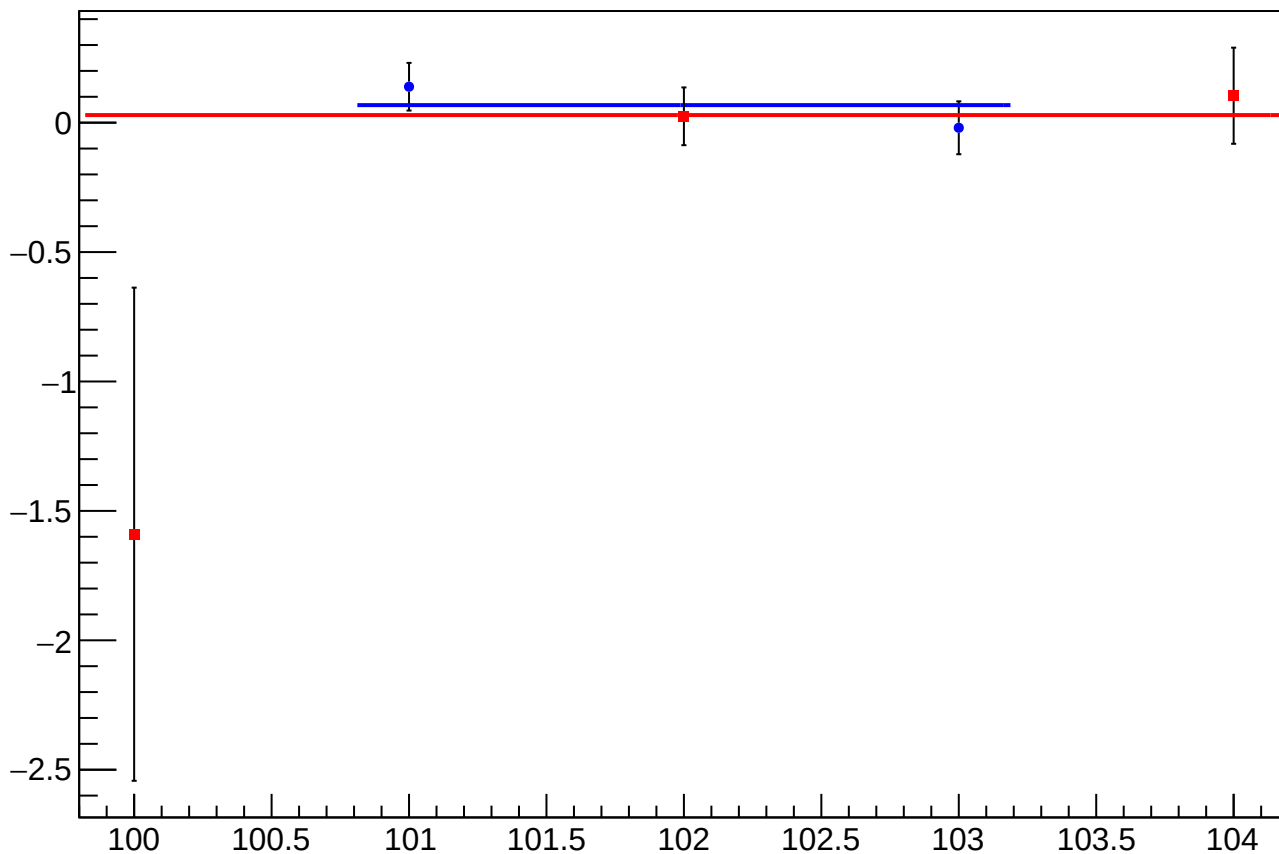
Right: 0.007+/-0.000 χ^2/NDF : 20998.1/4

In: 0.007+/-0.000 χ^2/NDF : 5357.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 20998.1/4

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: 0.029 $\pm$ 0.095 χ^2 /NDF: 3.1/2

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

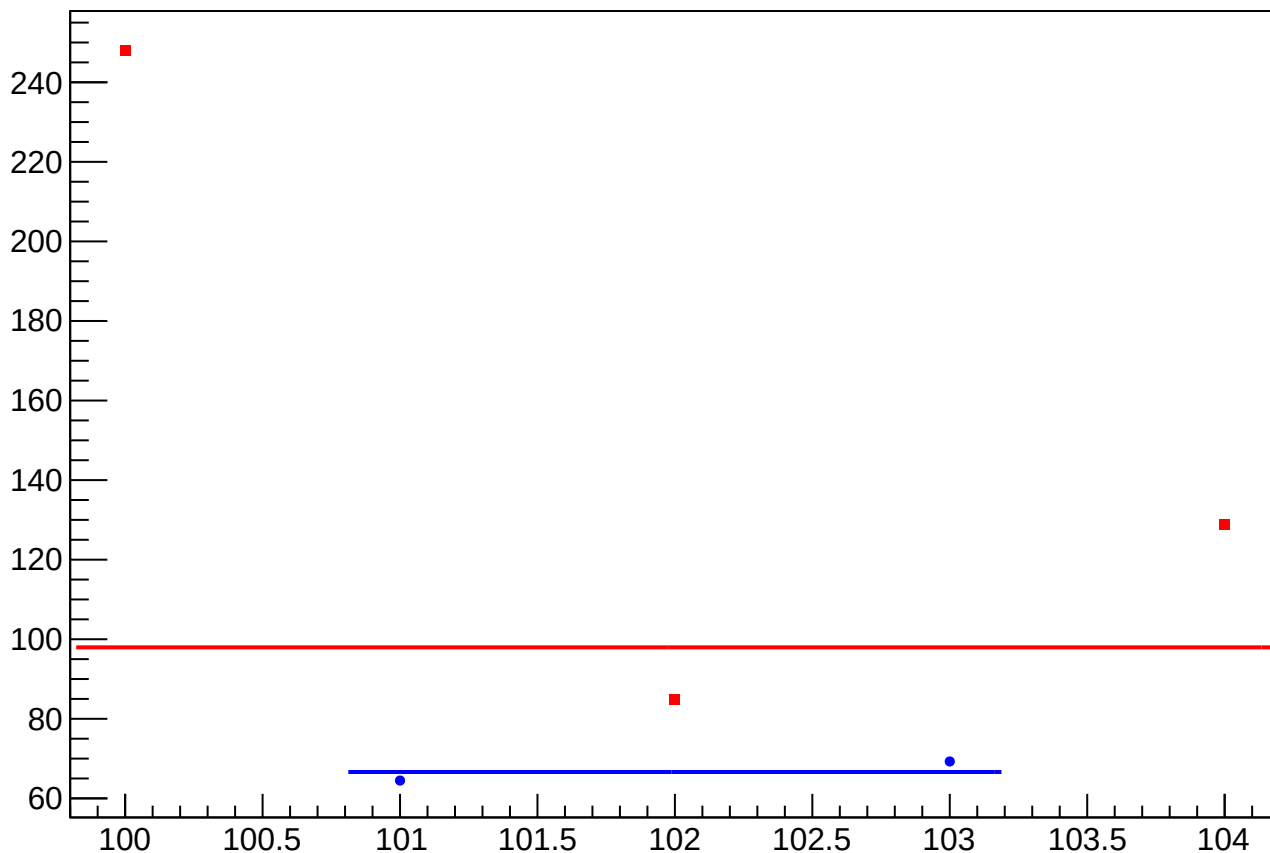
Right: 0.055 $\pm$ 0.056 χ^2 /NDF: 4.5/4

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: 0.055 $\pm$ 0.056 χ^2 /NDF: 4.5/4

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: 97.962 $\pm$ 0.067 χ^2 /NDF: 132758.2/2

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

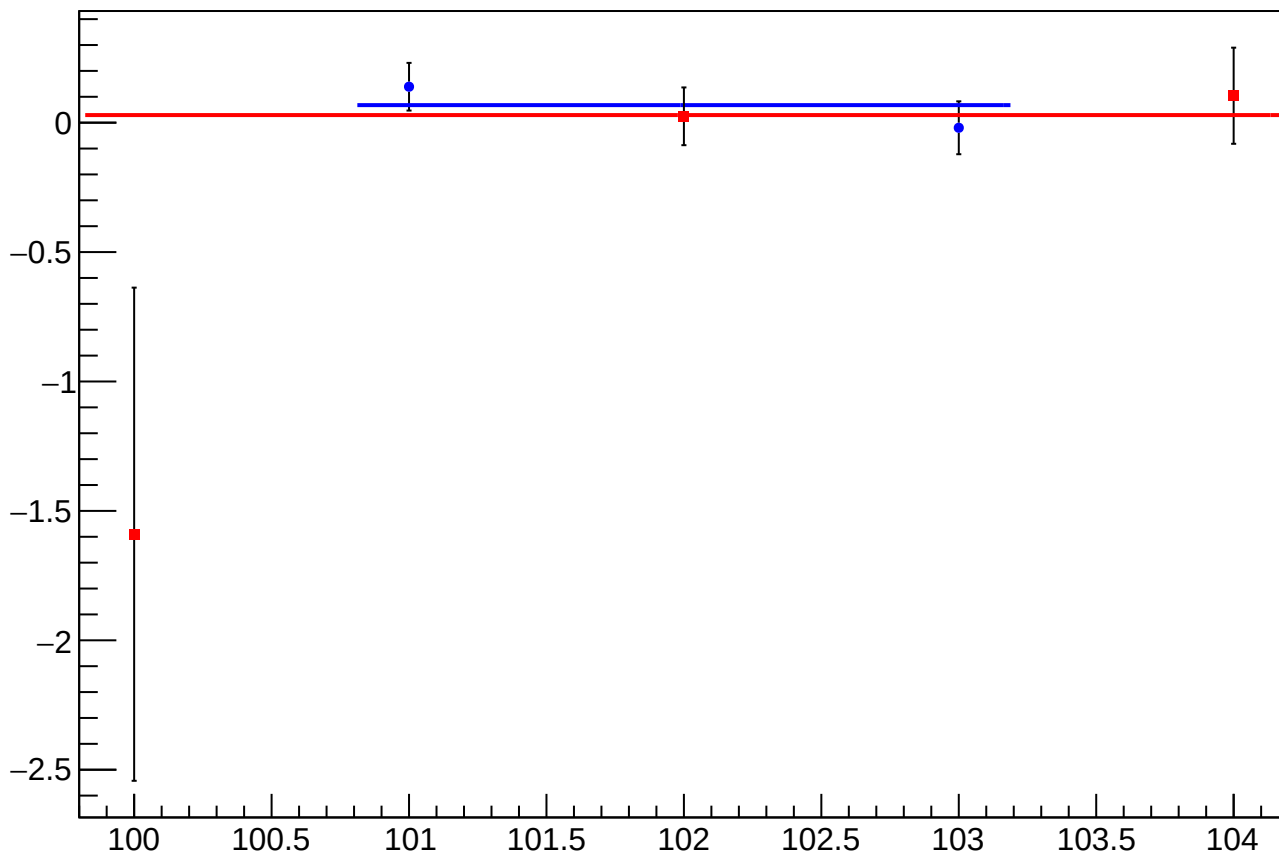
Right: 77.308 $\pm$ 0.039 χ^2 /NDF: 278168.8/4

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: 77.308 $\pm$ 0.039 χ^2 /NDF: 278168.8/4

asym_sam3_eigen_dit_vs_eigen_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: 0.029+/-0.095 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

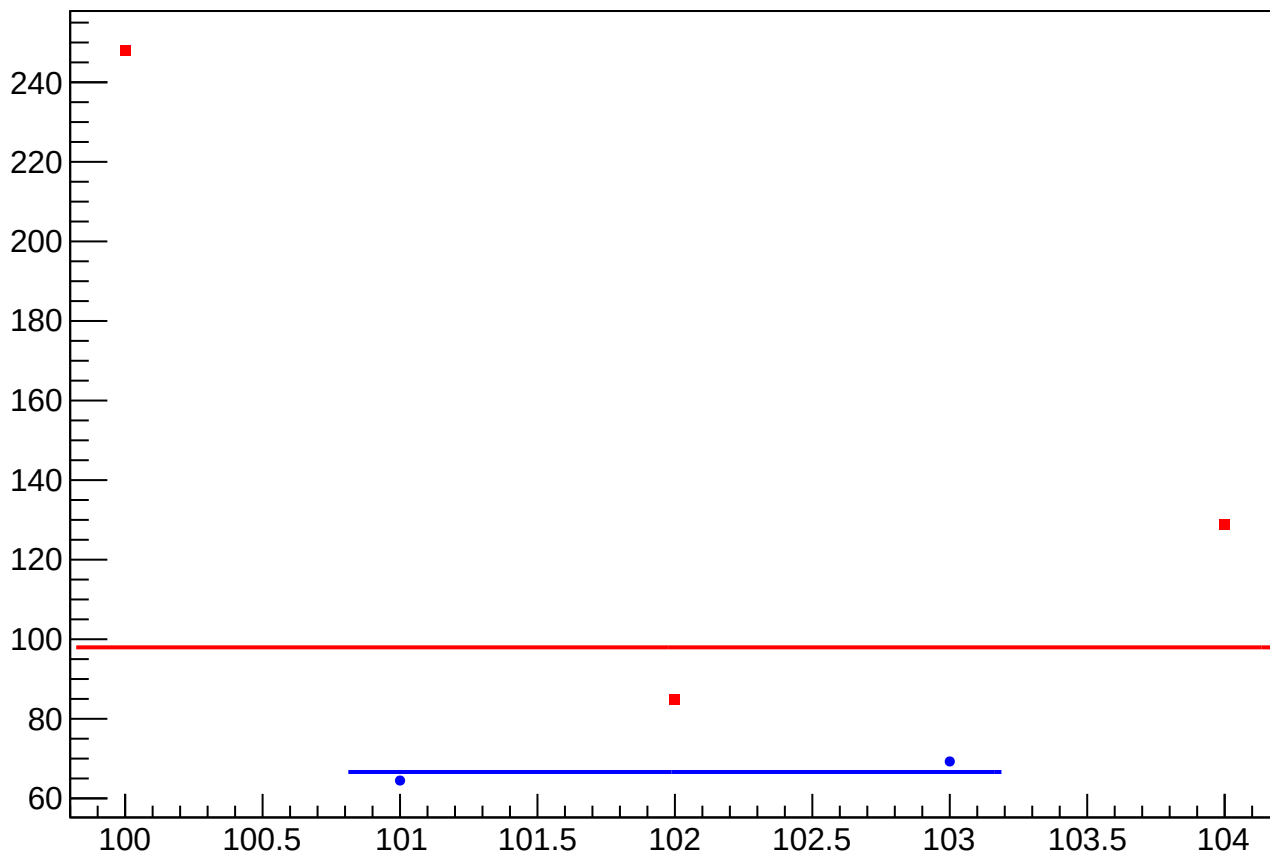
Right: 0.055+/-0.056 χ^2/NDF : 4.5/4

In: 0.068+/-0.068 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.055+/-0.056 χ^2/NDF : 4.5/4

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.632+/-0.048 χ^2/NDF : 2433.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.962+/-0.067 χ^2/NDF : 132758.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

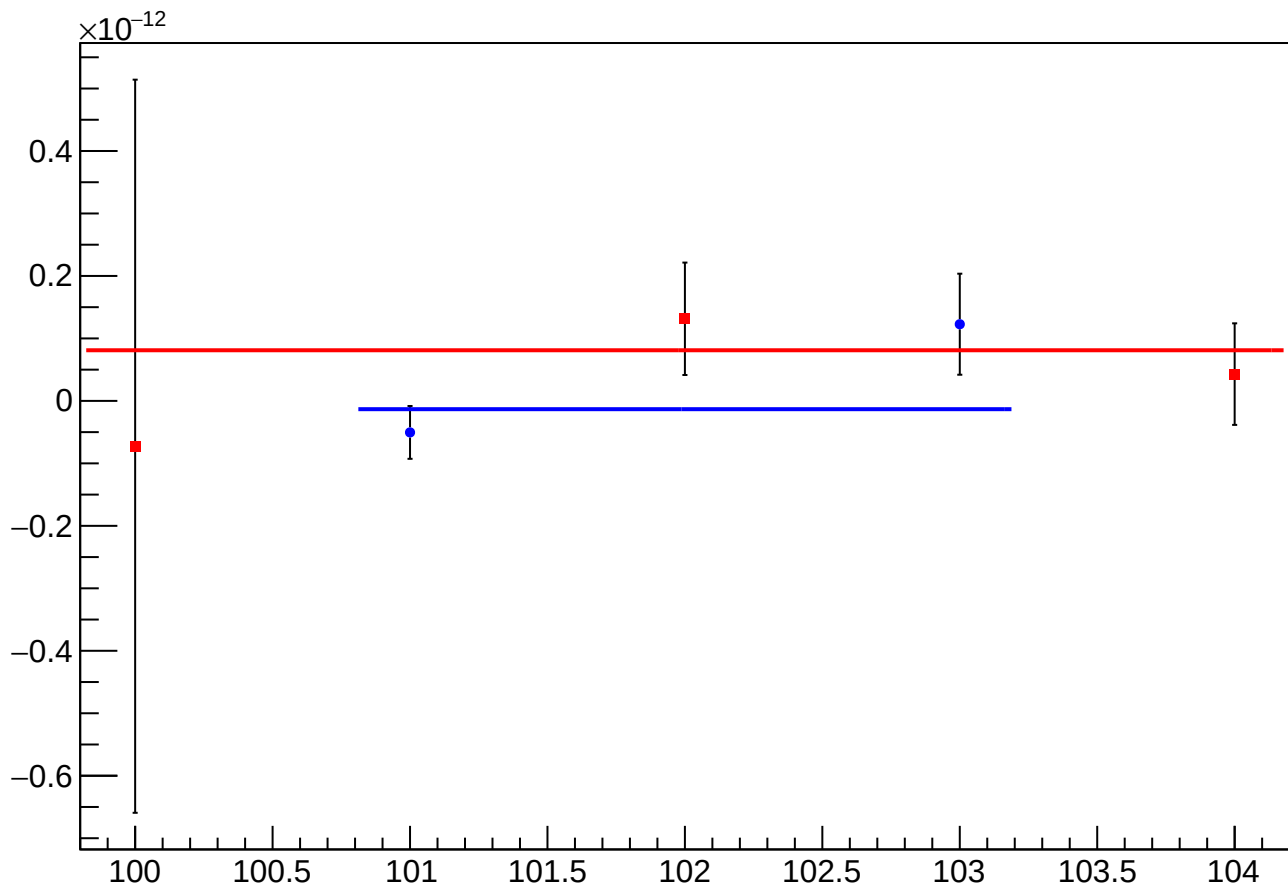
Right: 77.308+/-0.039 χ^2/NDF : 278168.8/4

In: 66.632+/-0.048 χ^2/NDF : 2433.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.308+/-0.039 χ^2/NDF : 278168.8/4

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 : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

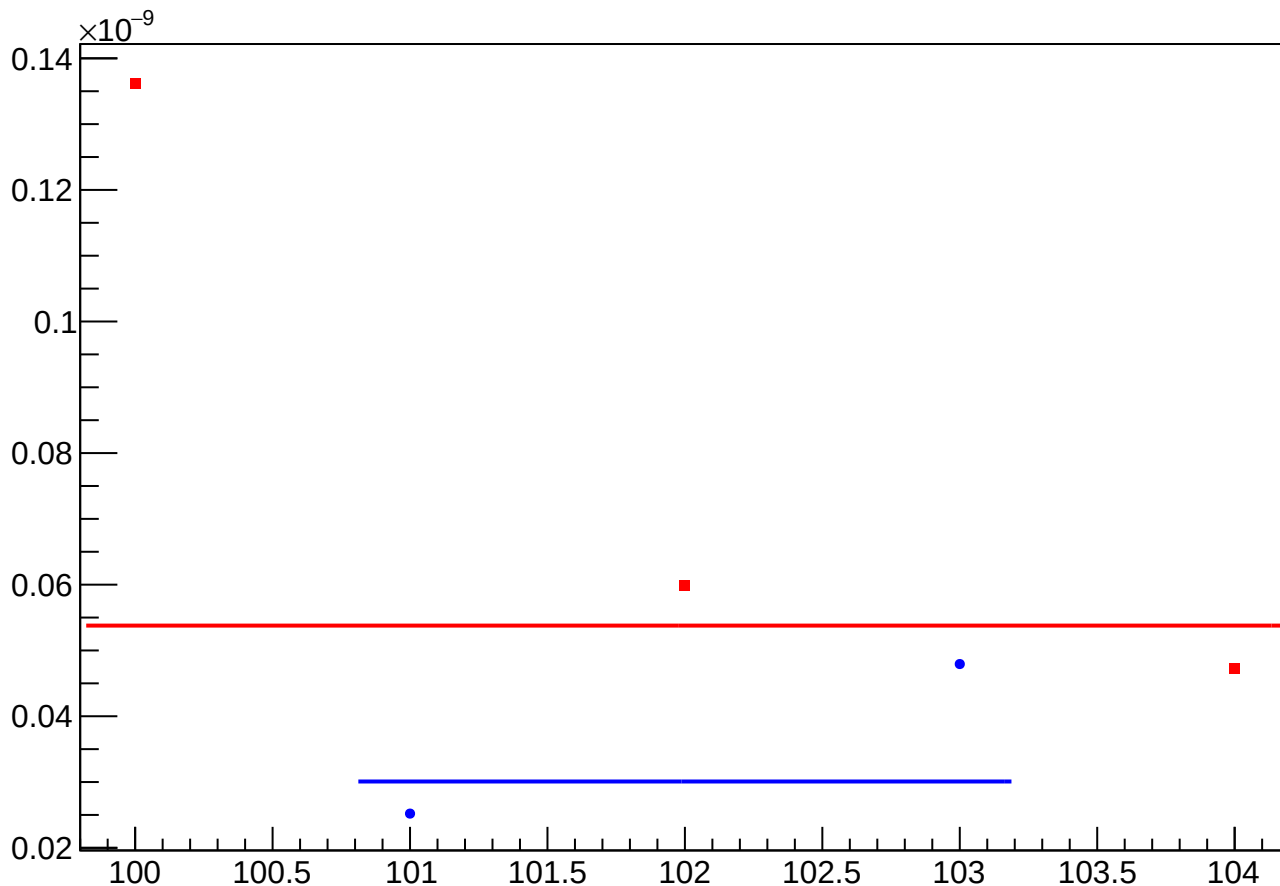
Right: 0.000+/-0.000 χ^2/NDF : 6.0/4

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 : 6.0/4

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 : 61602.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

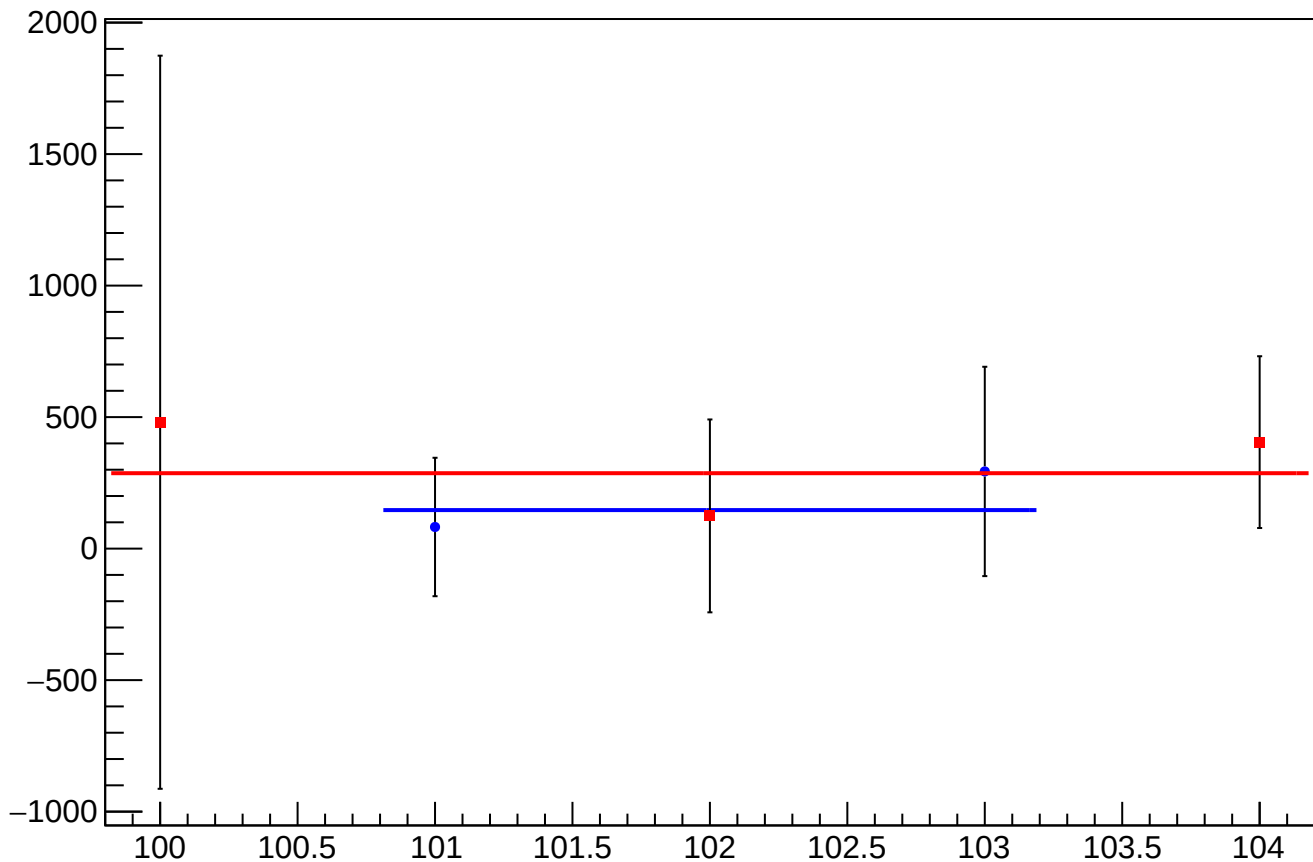
Right: 0.000+/-0.000 χ^2/NDF : 410203.3/4

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 : 410203.3/4

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: 286.728 $\pm$ 240.221 χ^2/NDF : 0.3/2

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

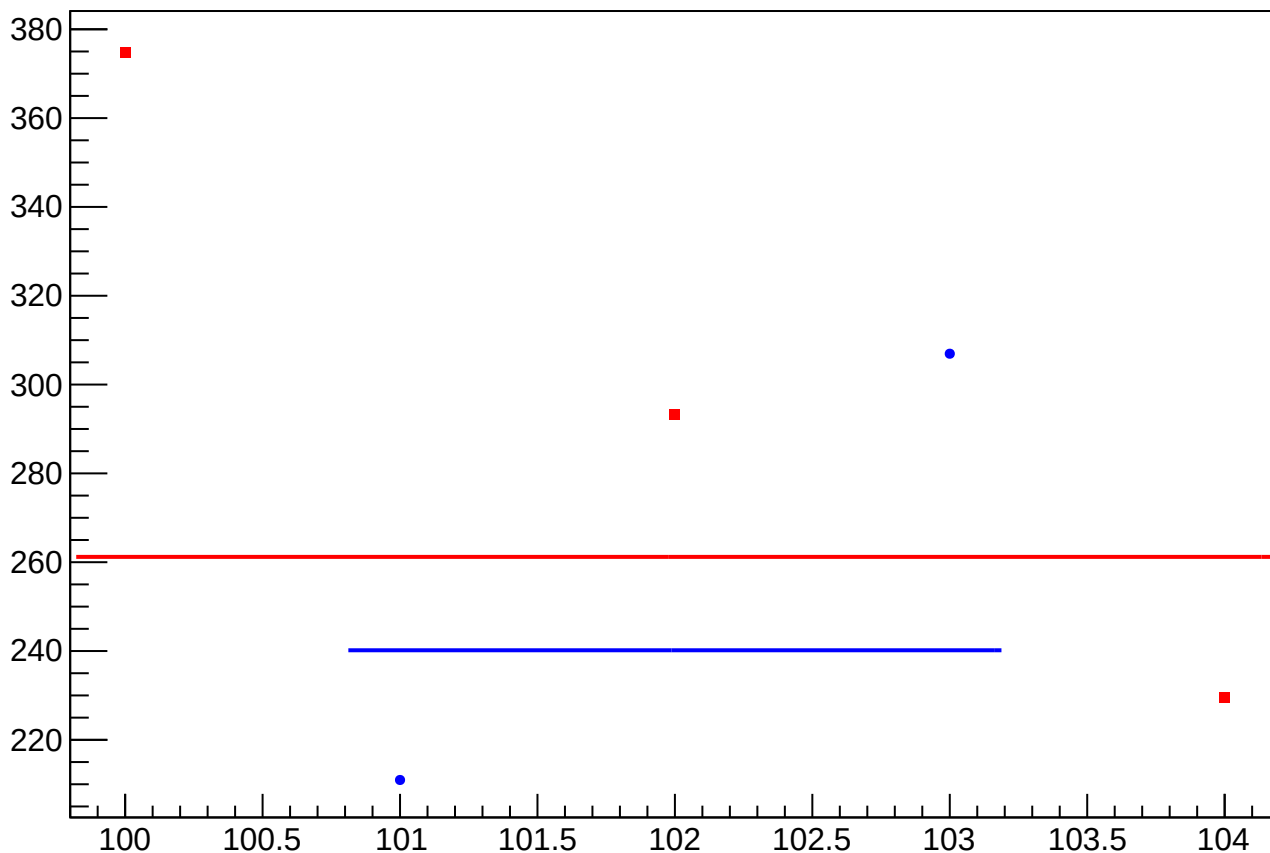
Right: 210.304 $\pm$ 162.049 χ^2/NDF : 0.7/4

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: 210.304 $\pm$ 162.049 χ^2/NDF : 0.7/4

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: 261.198+/-0.170 χ^2/NDF : 47321.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

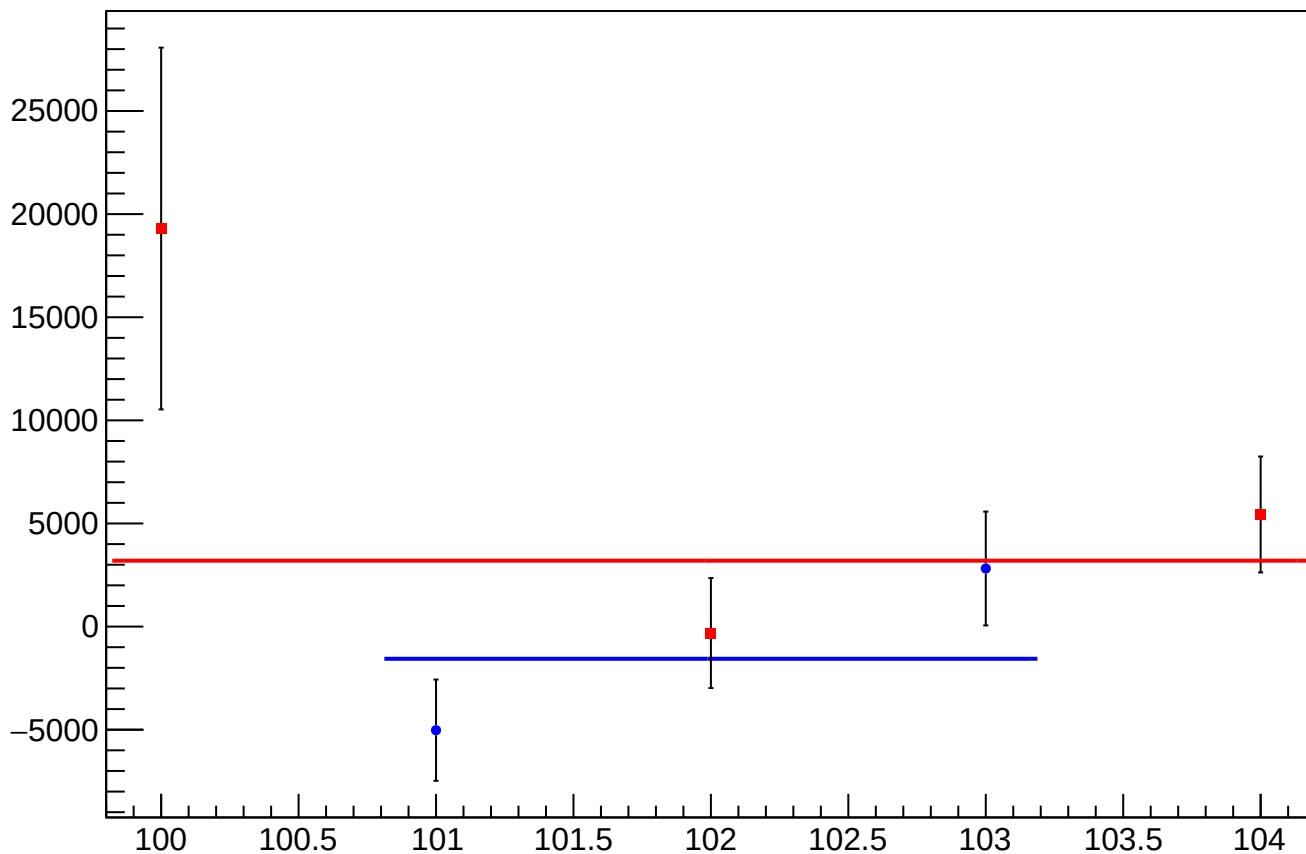
Right: 249.739+/-0.115 χ^2/NDF : 136613.1/4

In: 240.170+/-0.155 χ^2/NDF : 80941.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.739+/-0.115 χ^2/NDF : 136613.1/4

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: 3195.298+/-1889.138 χ^2/NDF : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

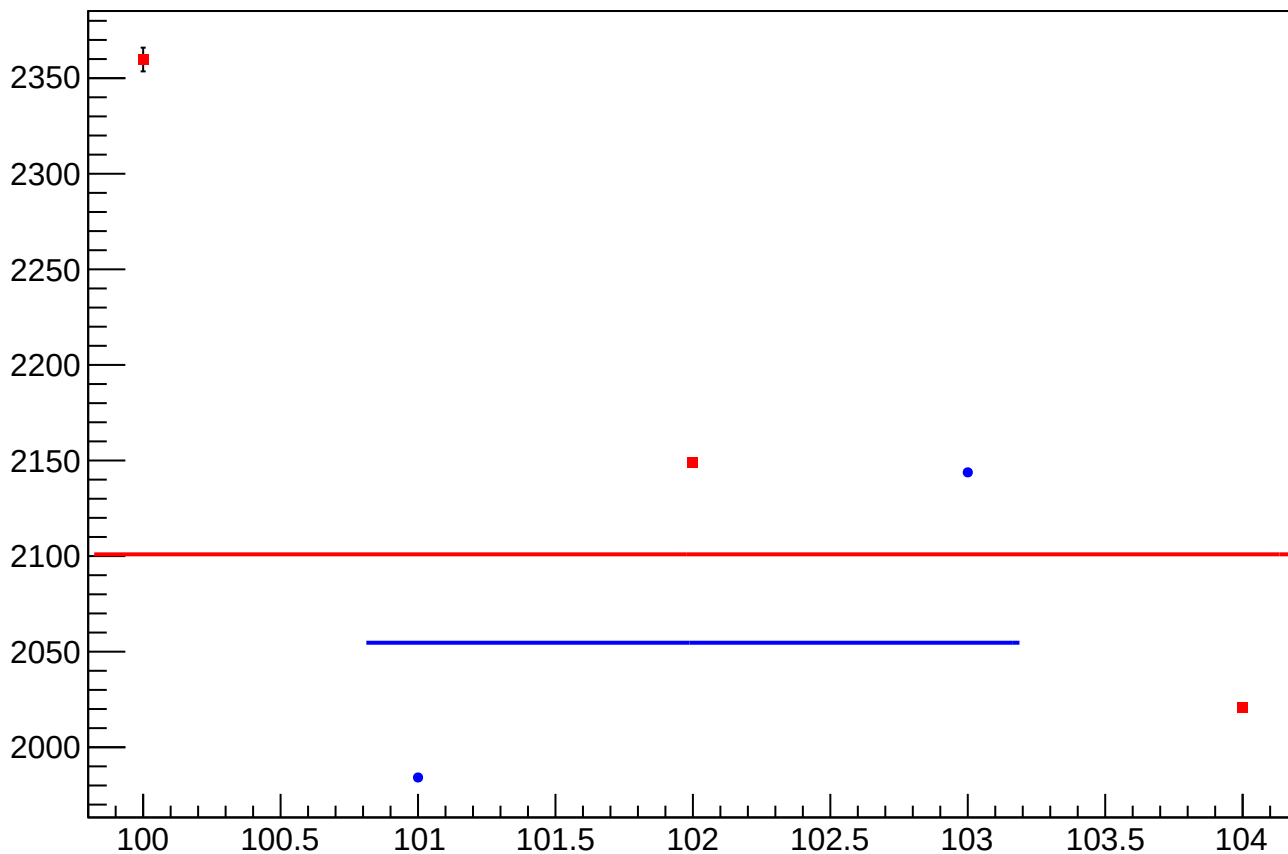
Right: 747.083+/-1315.977 χ^2/NDF : 13.5/4

In: -1560.864+/-1834.222 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 747.083+/-1315.977 χ^2/NDF : 13.5/4

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2054.678 ± 1.297 $\chi^2/\text{NDF}: 3734.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2100.913 ± 1.336 $\chi^2/\text{NDF}: 4019.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

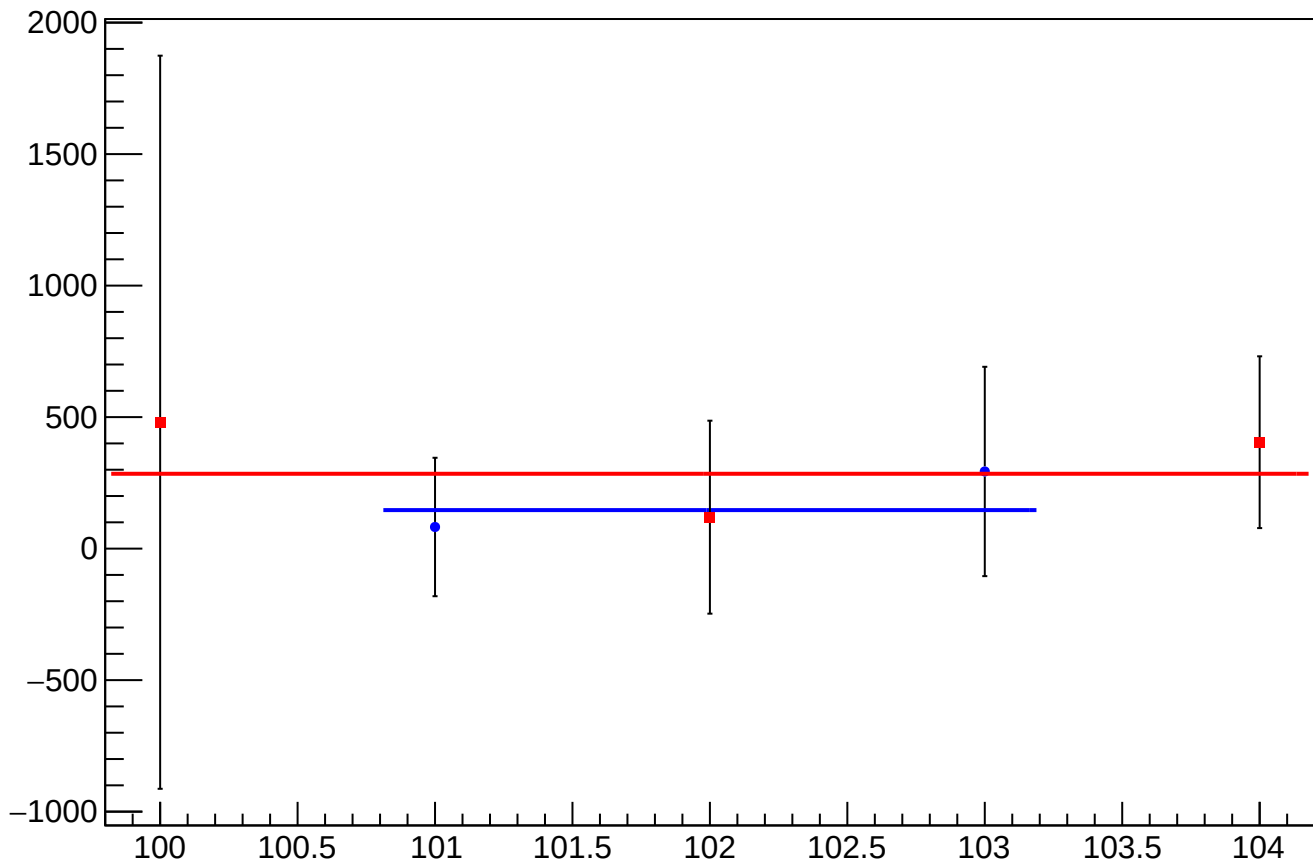
Right: 2077.114 ± 0.931 $\chi^2/\text{NDF}: 8370.5/4$

In: 2054.678 ± 1.297 $\chi^2/\text{NDF}: 3734.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2077.114 ± 0.931 $\chi^2/\text{NDF}: 8370.5/4$

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: 284.586 $\pm$ 240.271 χ^2 /NDF: 0.4/2

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

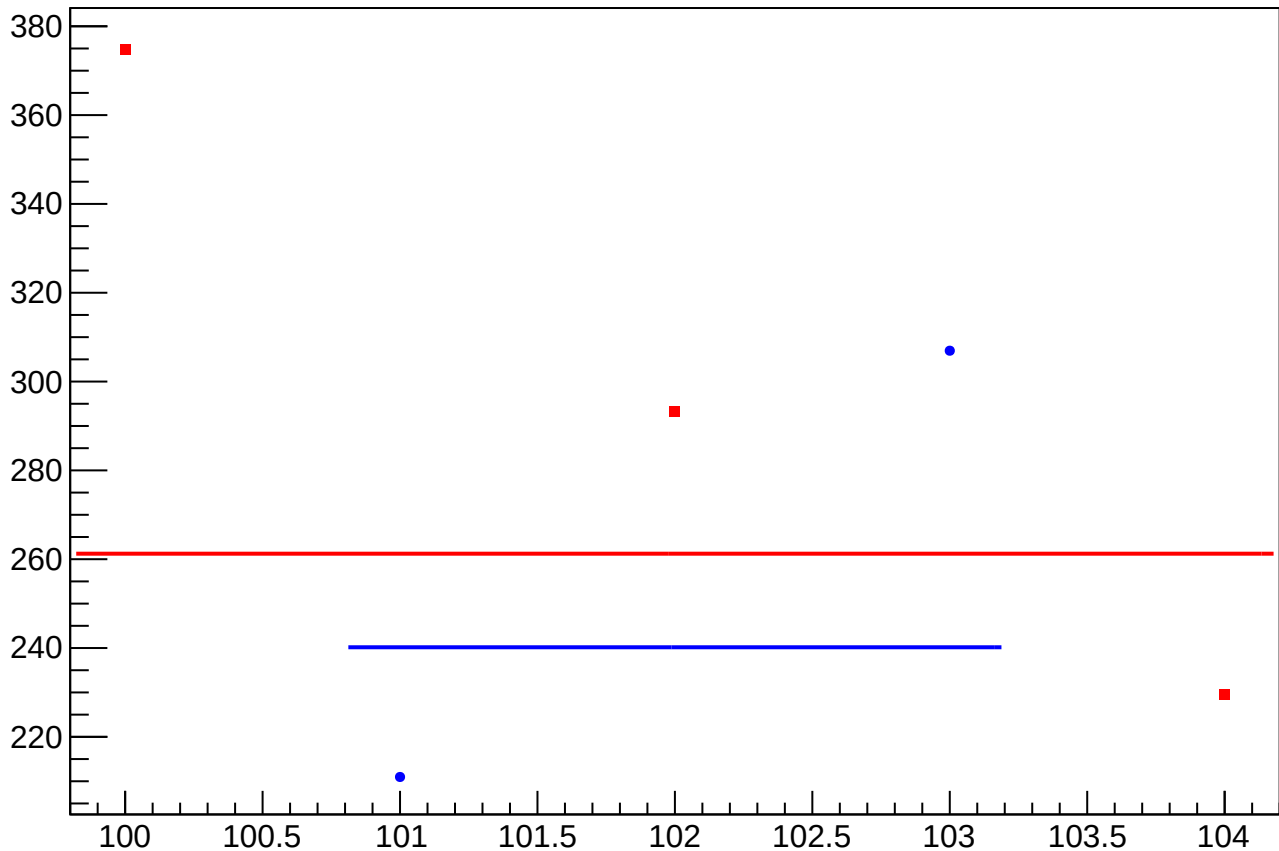
Right: 209.305 $\pm$ 162.064 χ^2 /NDF: 0.7/4

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: 209.305 $\pm$ 162.064 χ^2 /NDF: 0.7/4

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 240.170 $\pm$ 0.155 χ^2 /NDF: 80943.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 261.242 $\pm$ 0.170 χ^2 /NDF: 47430.0/2

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

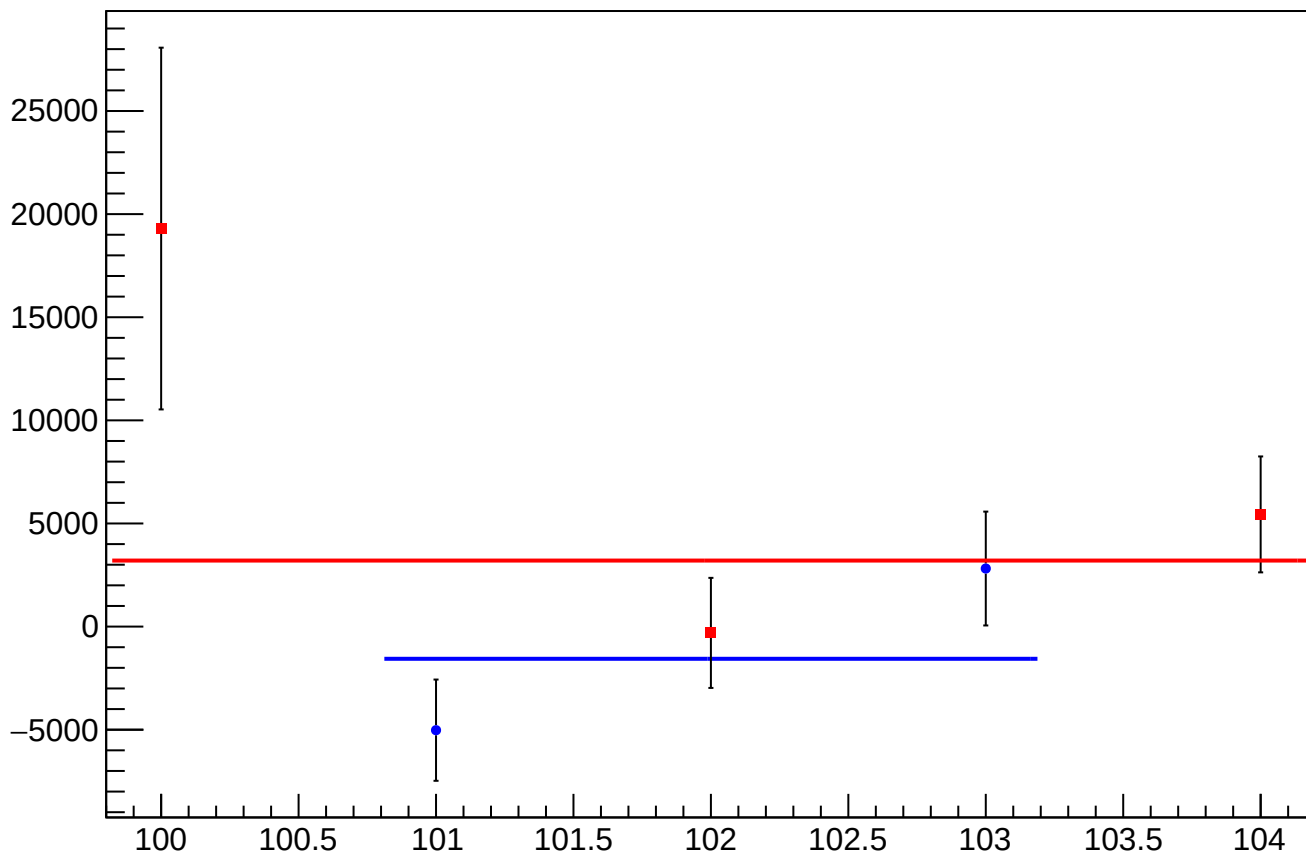
Right: 249.757 $\pm$ 0.115 χ^2 /NDF: 136757.5/4

In: 240.170 $\pm$ 0.155 χ^2 /NDF: 80943.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.757 $\pm$ 0.115 χ^2 /NDF: 136757.5/4

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: 3201.583+/-1889.592 χ^2/NDF : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

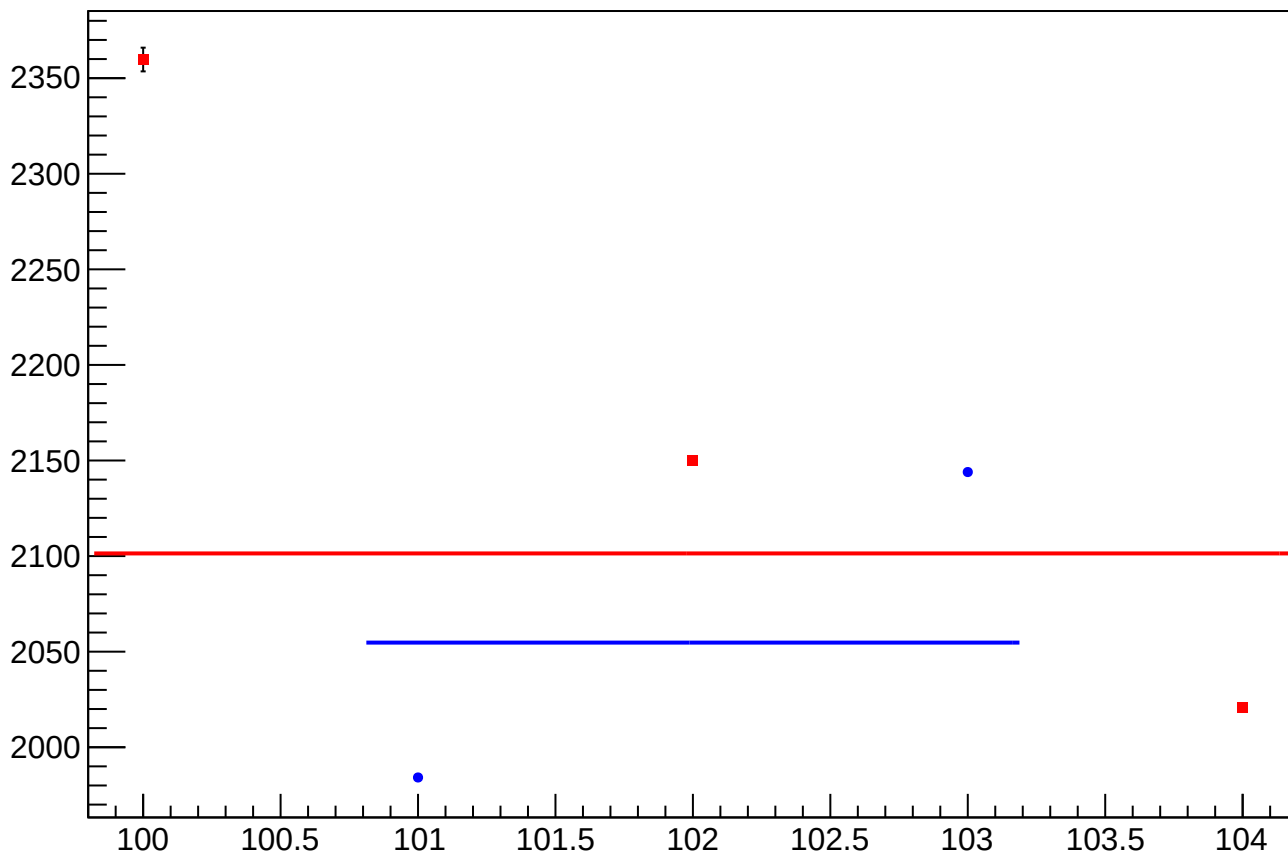
Right: 749.265+/-1316.153 χ^2/NDF : 13.5/4

In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.265+/-1316.153 χ^2/NDF : 13.5/4

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.391+/-1.336 χ^2/NDF : 4037.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

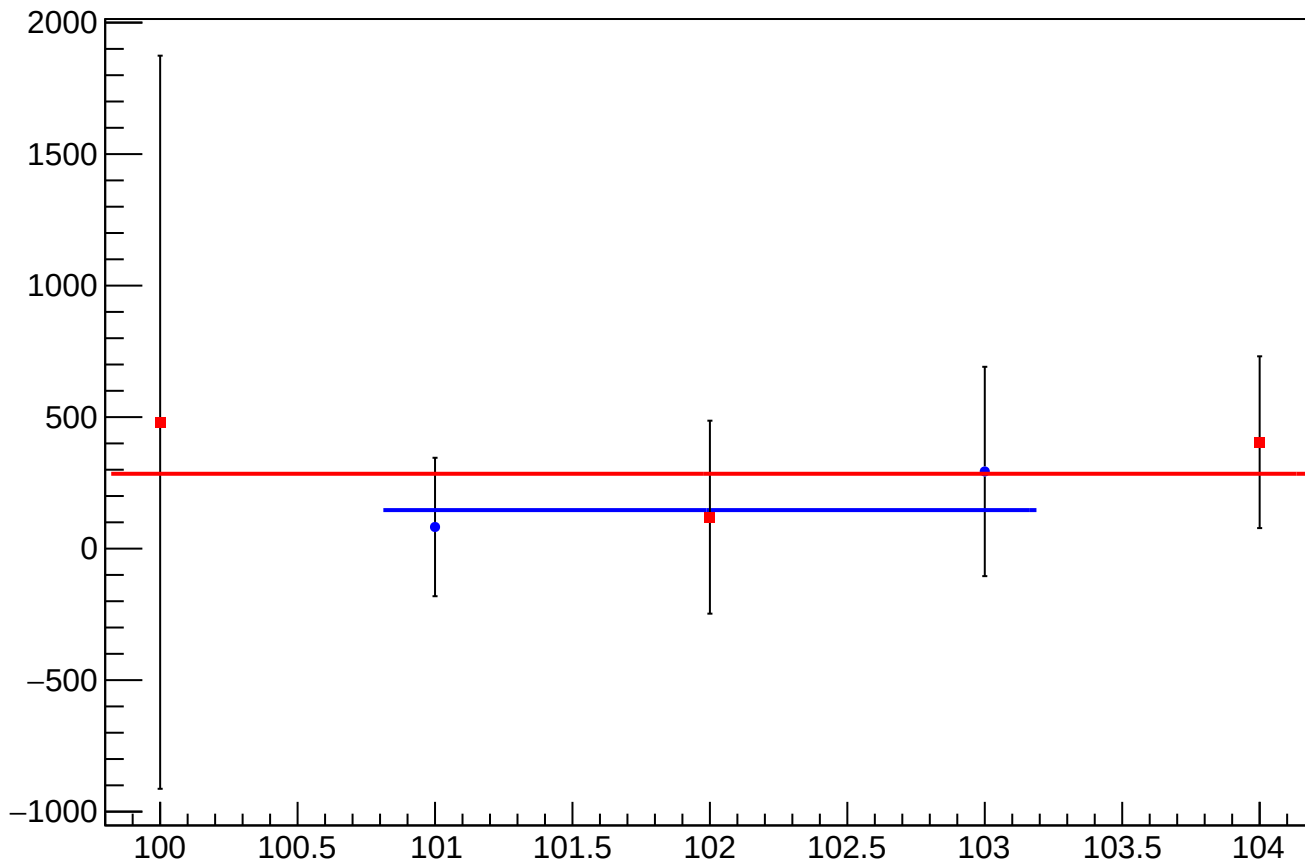
Right: 2077.375+/-0.931 χ^2/NDF : 8406.7/4

In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.375+/-0.931 χ^2/NDF : 8406.7/4

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: 146.466+/-219.519 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.586+/-240.271 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

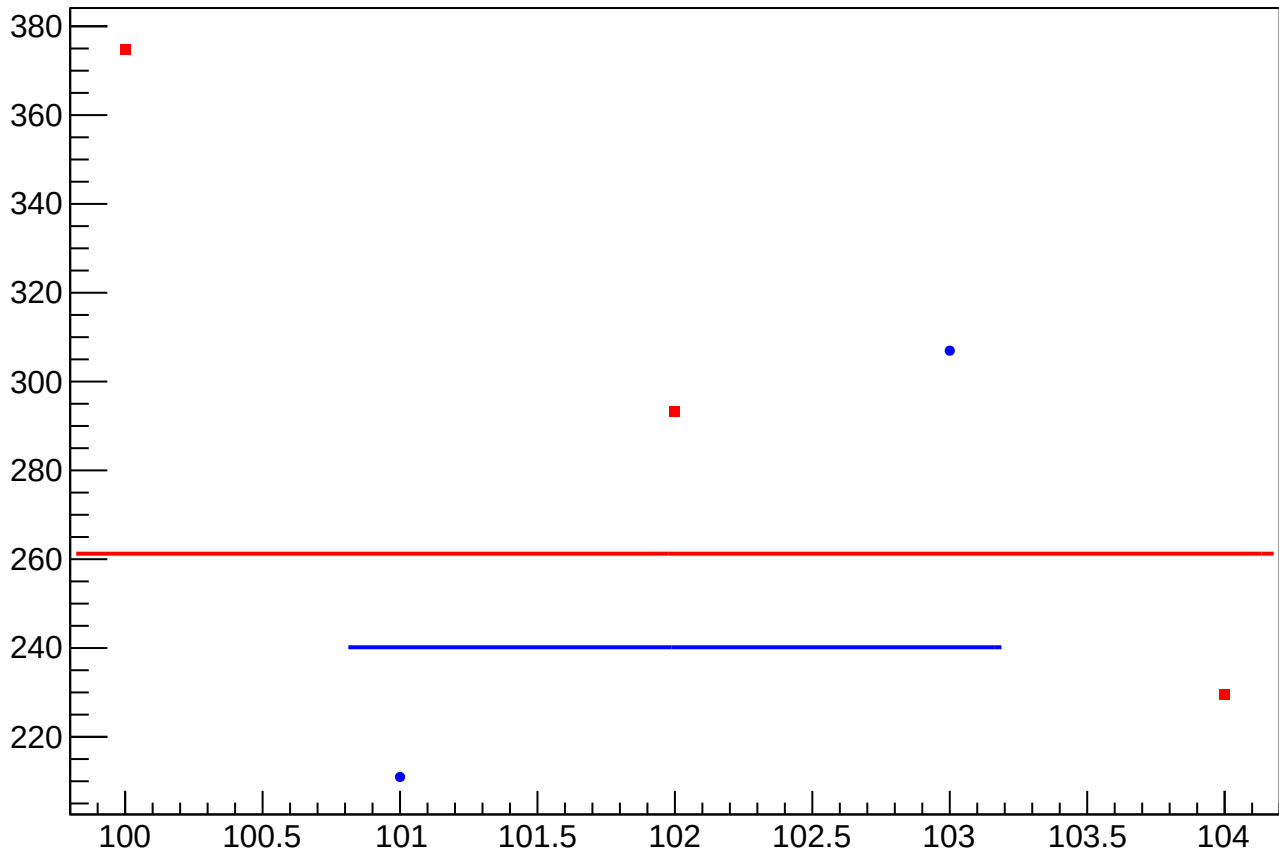
Right: 209.305+/-162.064 χ^2/NDF : 0.7/4

In: 146.466+/-219.519 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.305+/-162.064 χ^2/NDF : 0.7/4

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: 261.242+/-0.170 χ^2/NDF : 47430.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

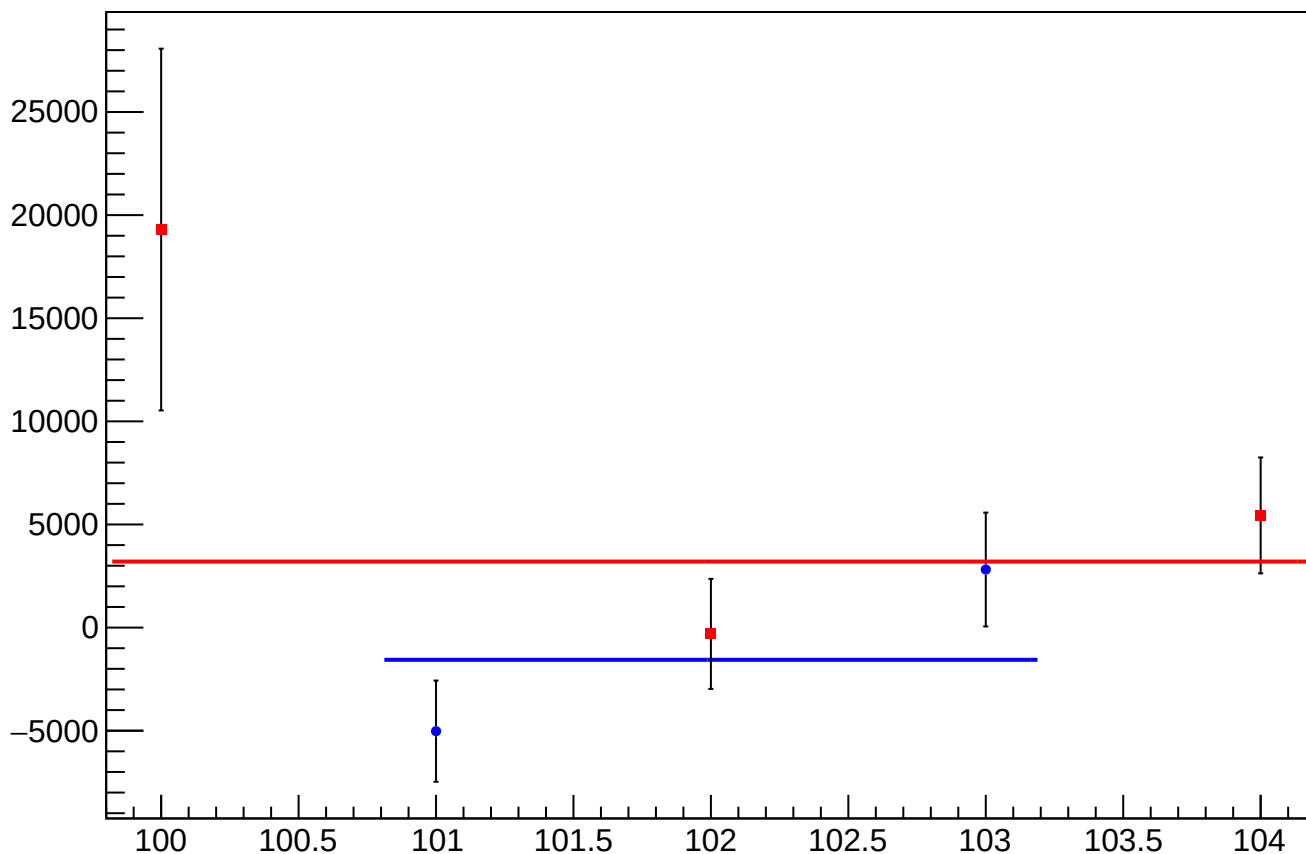
Right: 249.757+/-0.115 χ^2/NDF : 136757.5/4

In: 240.170+/-0.155 χ^2/NDF : 80943.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.757+/-0.115 χ^2/NDF : 136757.5/4

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: 3201.583+/-1889.592 χ^2/NDF : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

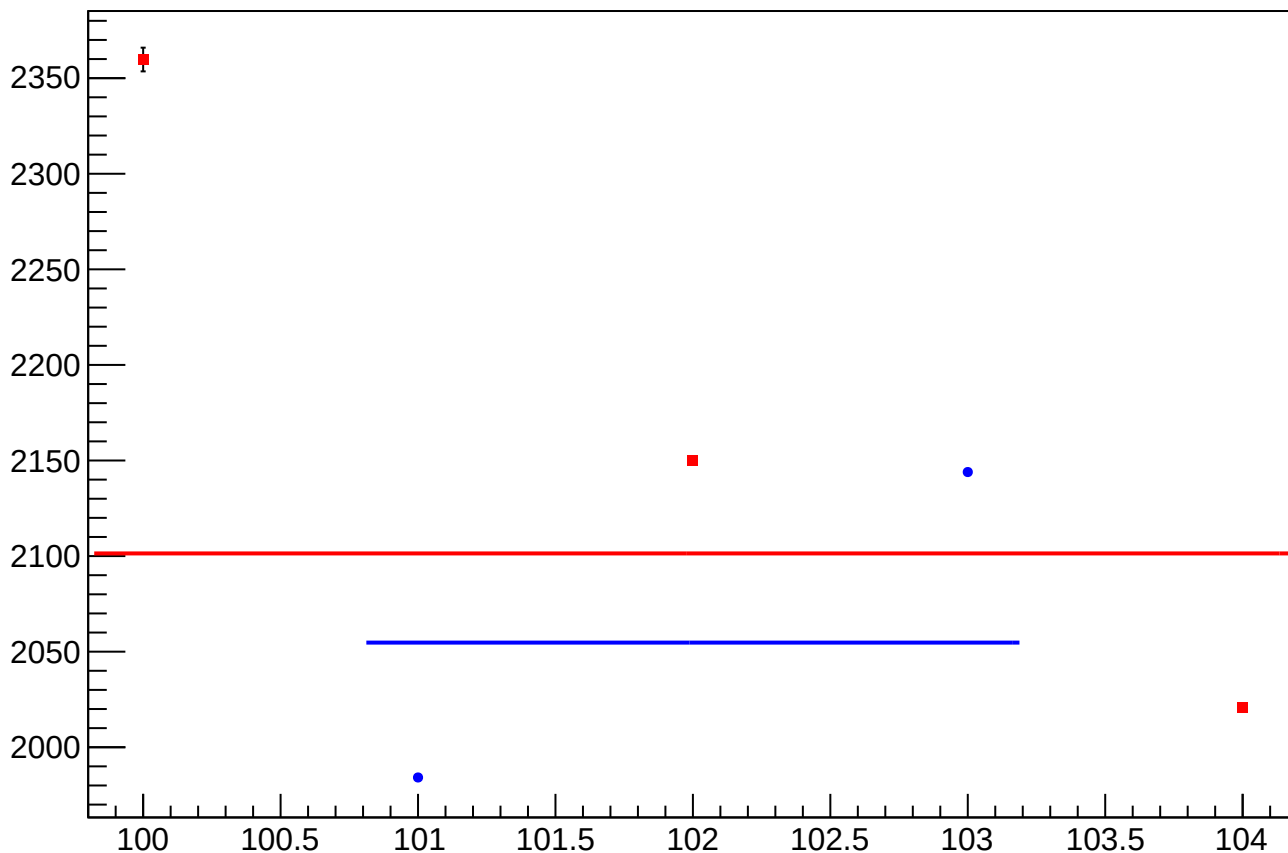
Right: 749.265+/-1316.153 χ^2/NDF : 13.5/4

In: -1561.594+/-1834.283 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.265+/-1316.153 χ^2/NDF : 13.5/4

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: 2101.391+/-1.336 χ^2/NDF : 4037.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

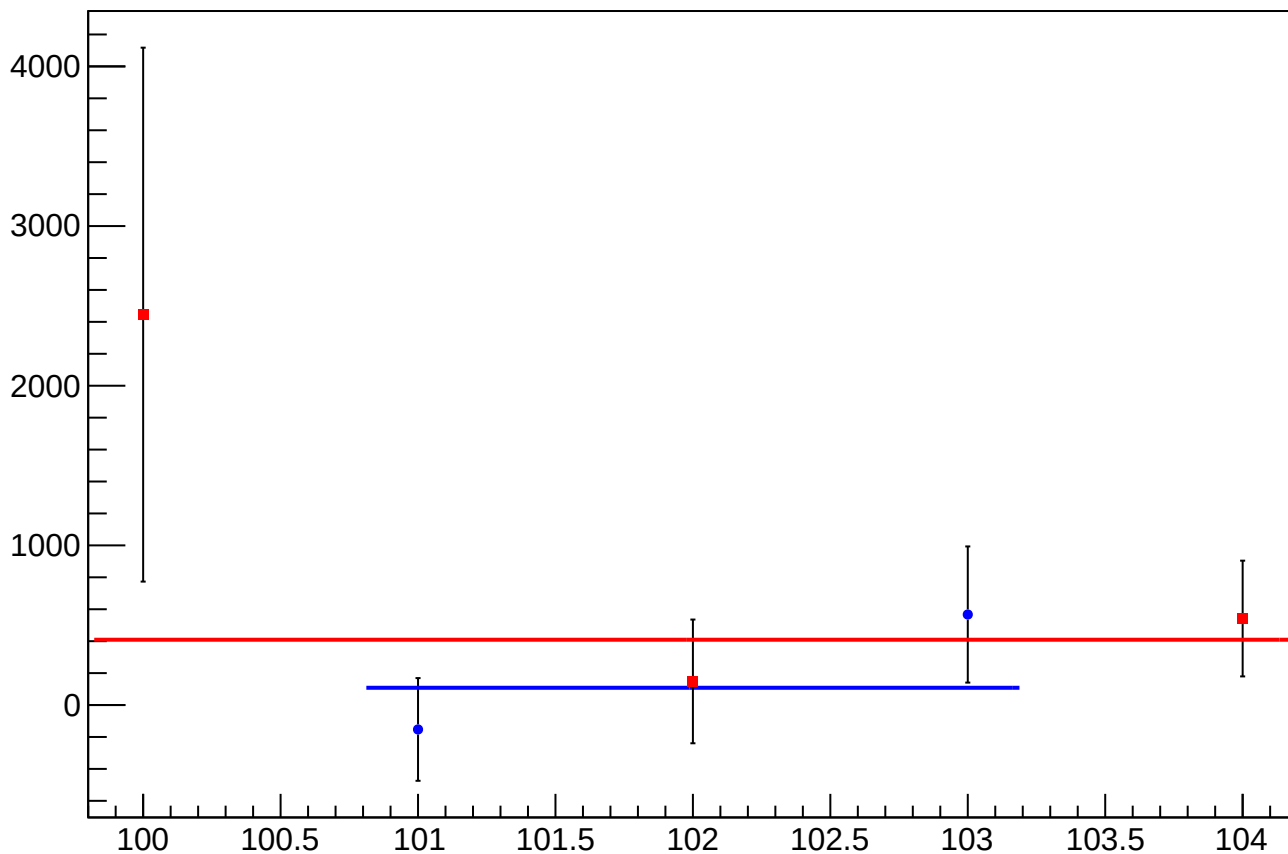
Right: 2077.375+/-0.931 χ^2/NDF : 8406.7/4

In: 2054.745+/-1.297 χ^2/NDF : 3742.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2077.375+/-0.931 χ^2/NDF : 8406.7/4

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: 409.027+/-261.438 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

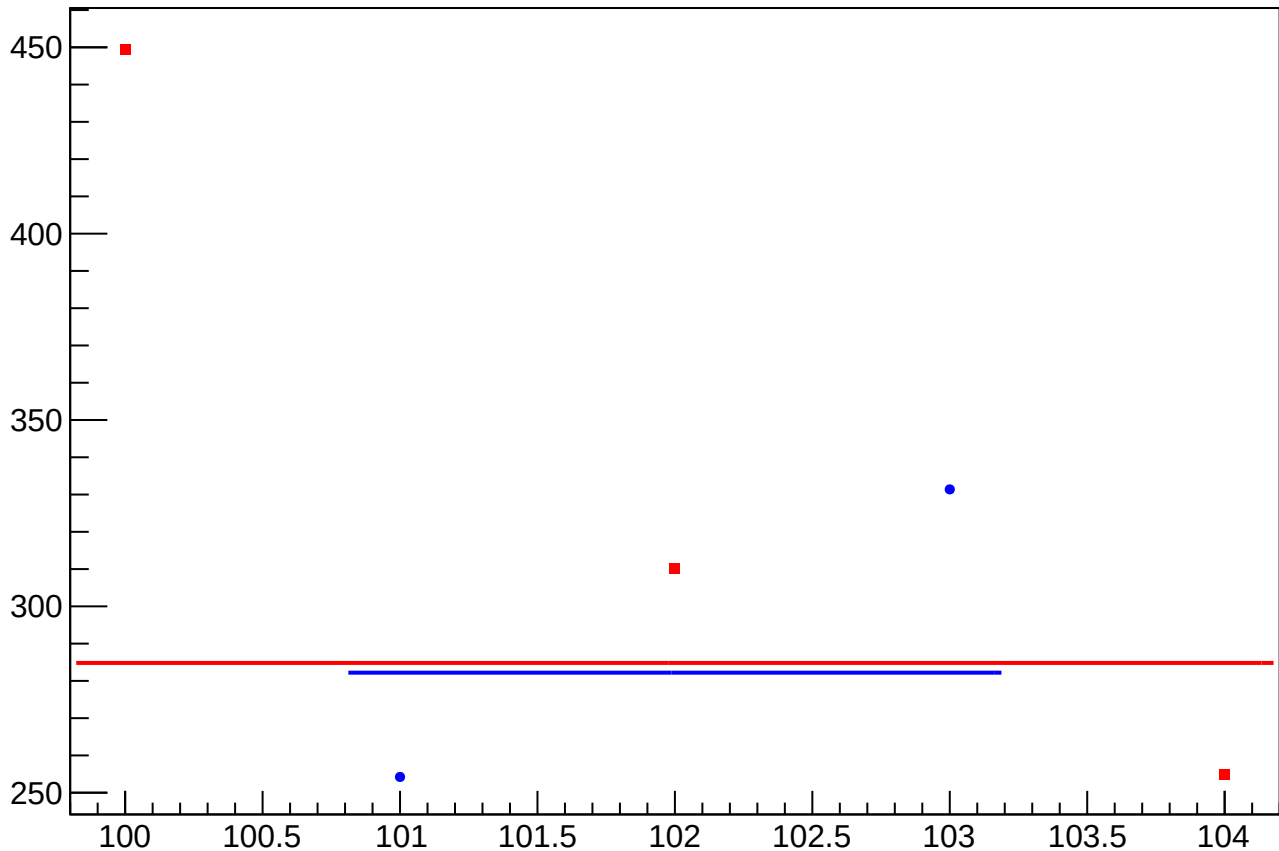
Right: 255.913+/-183.201 χ^2/NDF : 4.6/4

In: 108.189+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.913+/-183.201 χ^2/NDF : 4.6/4

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: 284.821 ± 0.185 χ^2/NDF : 41621.5/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

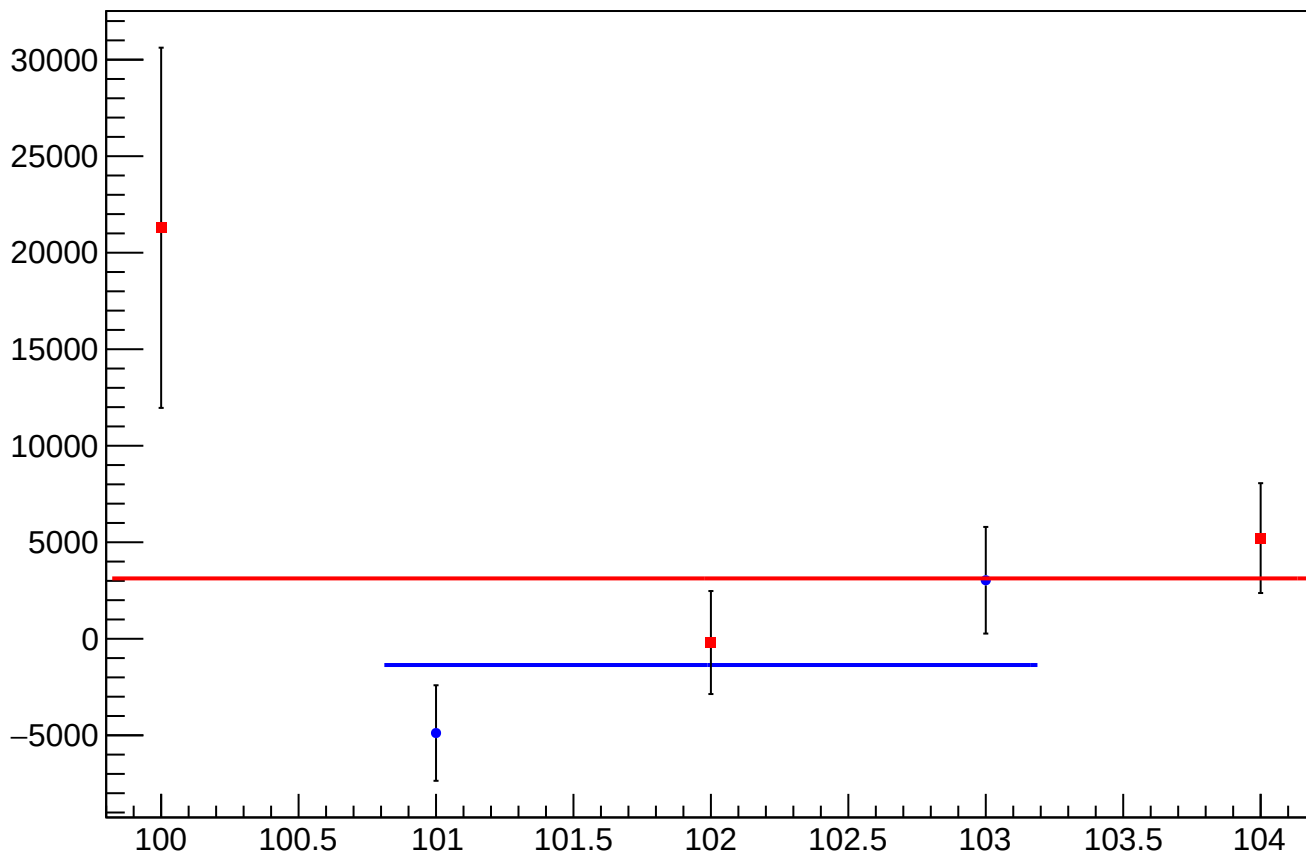
Right: 283.490 ± 0.130 χ^2/NDF : 83455.5/4

In: 282.205 ± 0.182 χ^2/NDF : 41732.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 283.490 ± 0.130 χ^2/NDF : 83455.5/4

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -1359.097+/-1843.200 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3127.292+/-1905.314 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

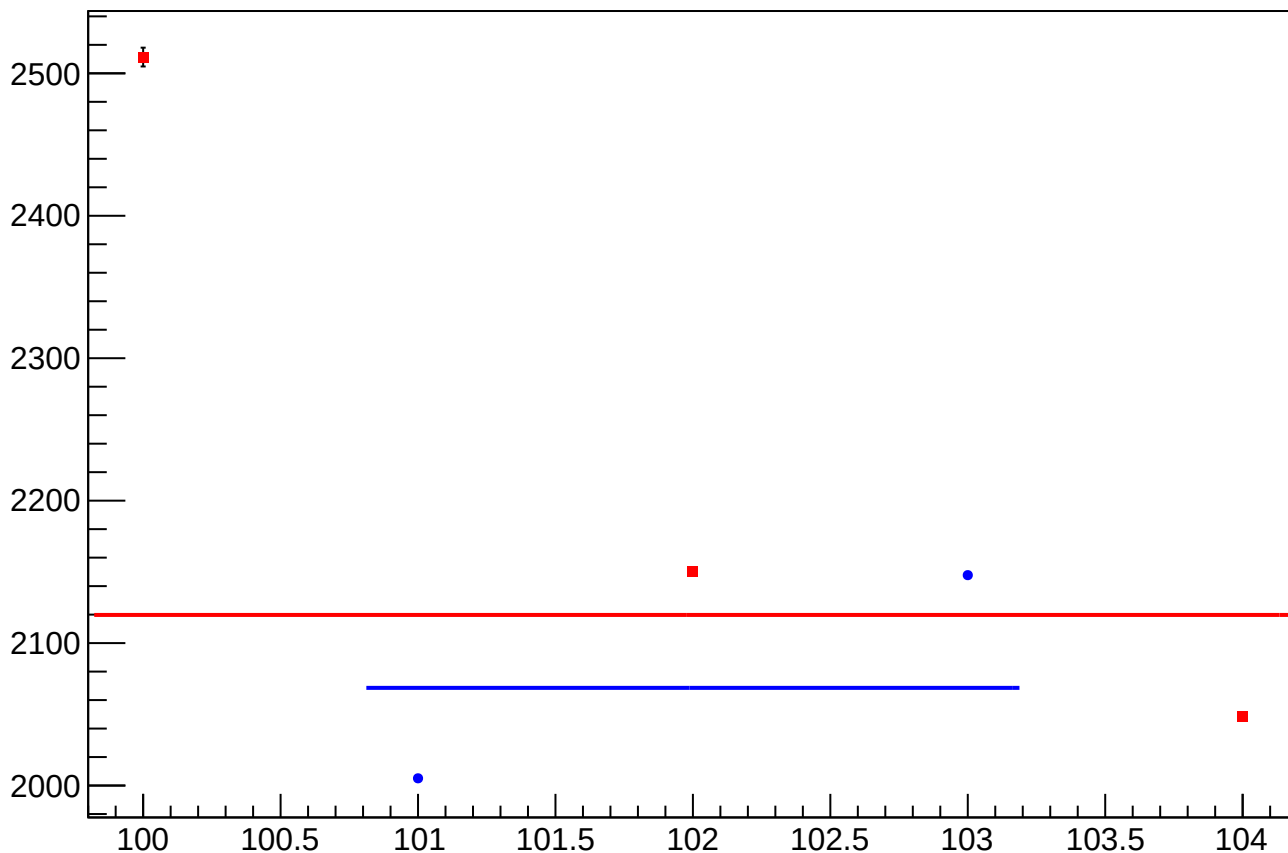
Right: 809.777+/-1324.754 χ^2/NDF : 13.3/4

In: -1359.097+/-1843.200 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.777+/-1324.754 χ^2/NDF : 13.3/4

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: 2119.771+/-1.347 χ^2/NDF : 5039.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

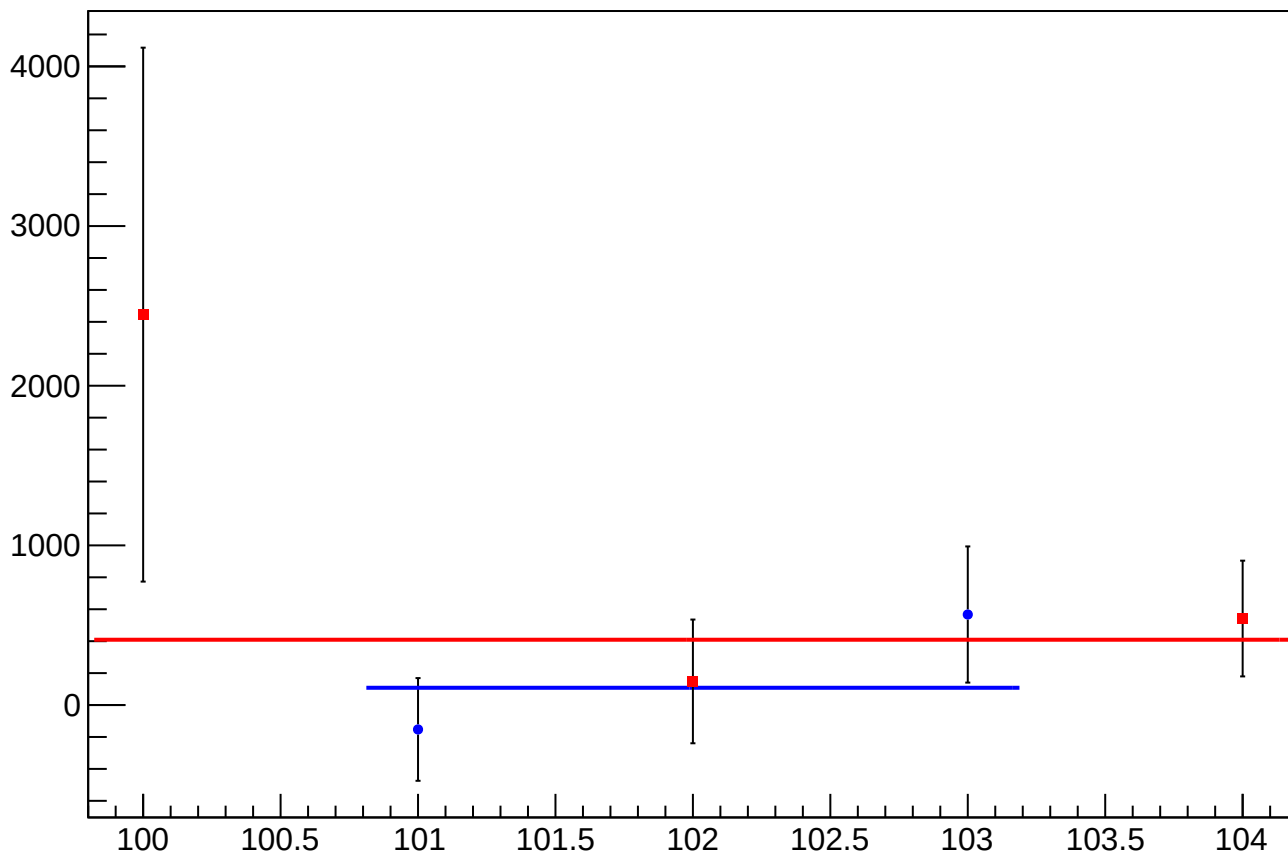
Right: 2093.326+/-0.937 χ^2/NDF : 8743.0/4

In: 2068.577+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.326+/-0.937 χ^2/NDF : 8743.0/4

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: 409.024+/-261.438 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

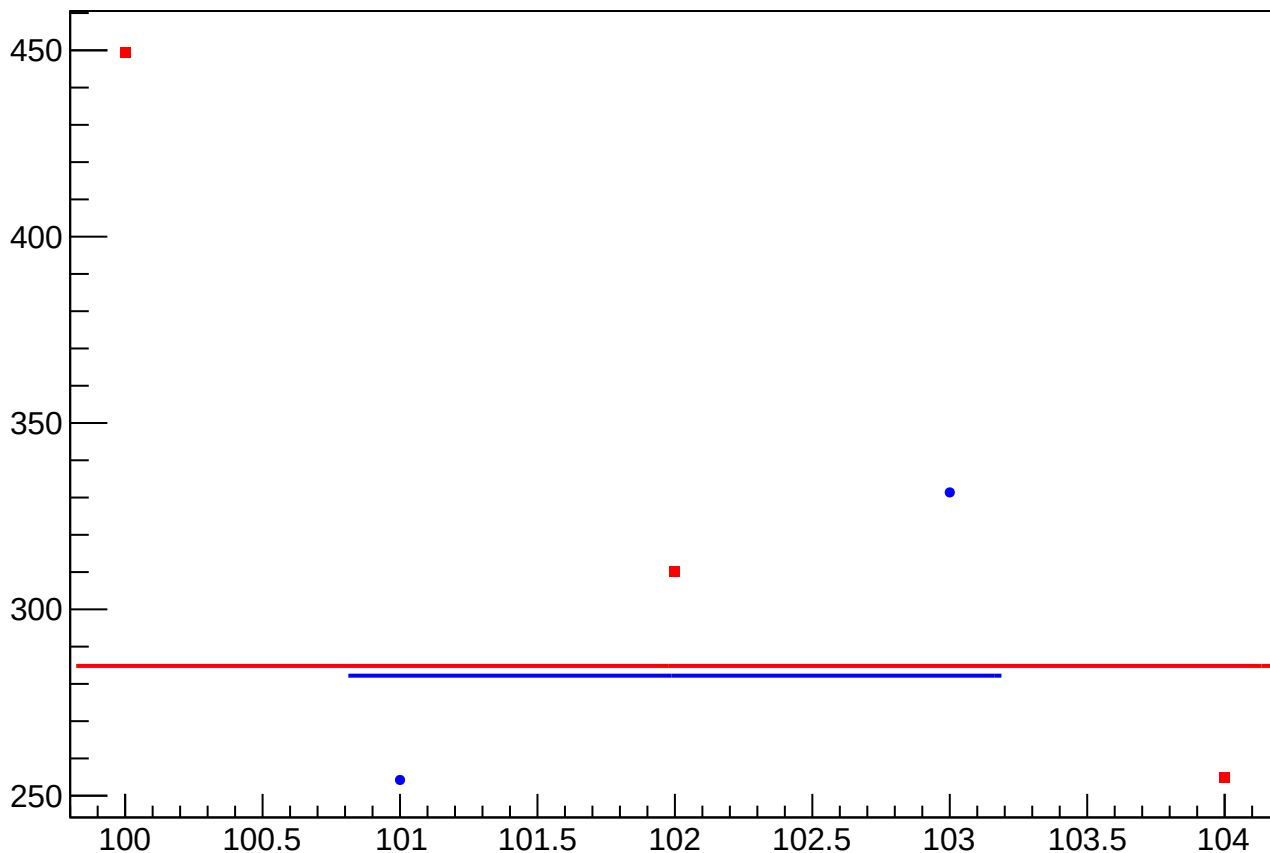
Right: 255.915+/-183.201 χ^2/NDF : 4.6/4

In: 108.193+/-256.796 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.915+/-183.201 χ^2/NDF : 4.6/4

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: 284.821+/-0.185 χ^2/NDF : 41621.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

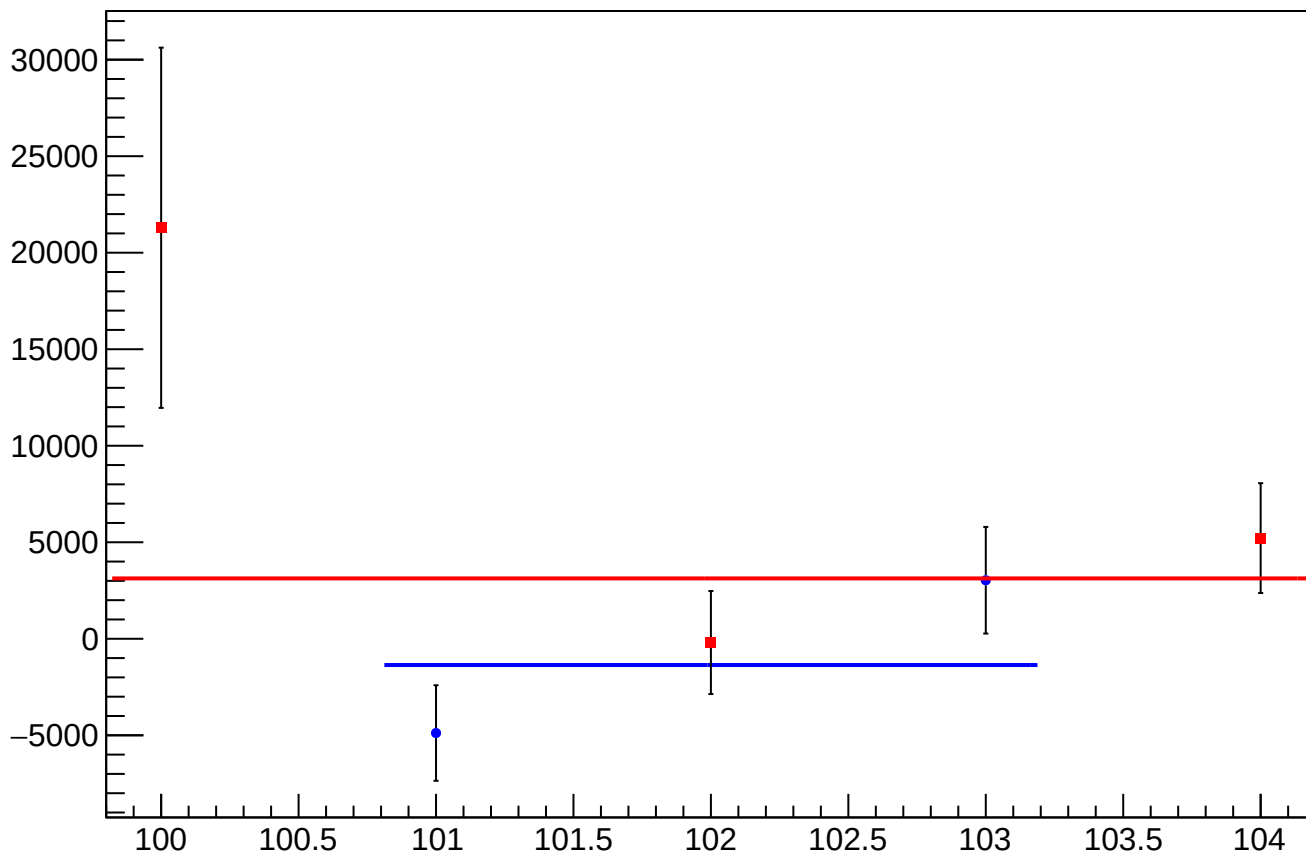
Right: 283.490+/-0.130 χ^2/NDF : 83454.0/4

In: 282.206+/-0.182 χ^2/NDF : 41730.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 283.490+/-0.130 χ^2/NDF : 83454.0/4

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: 3127.293+/-1905.316 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

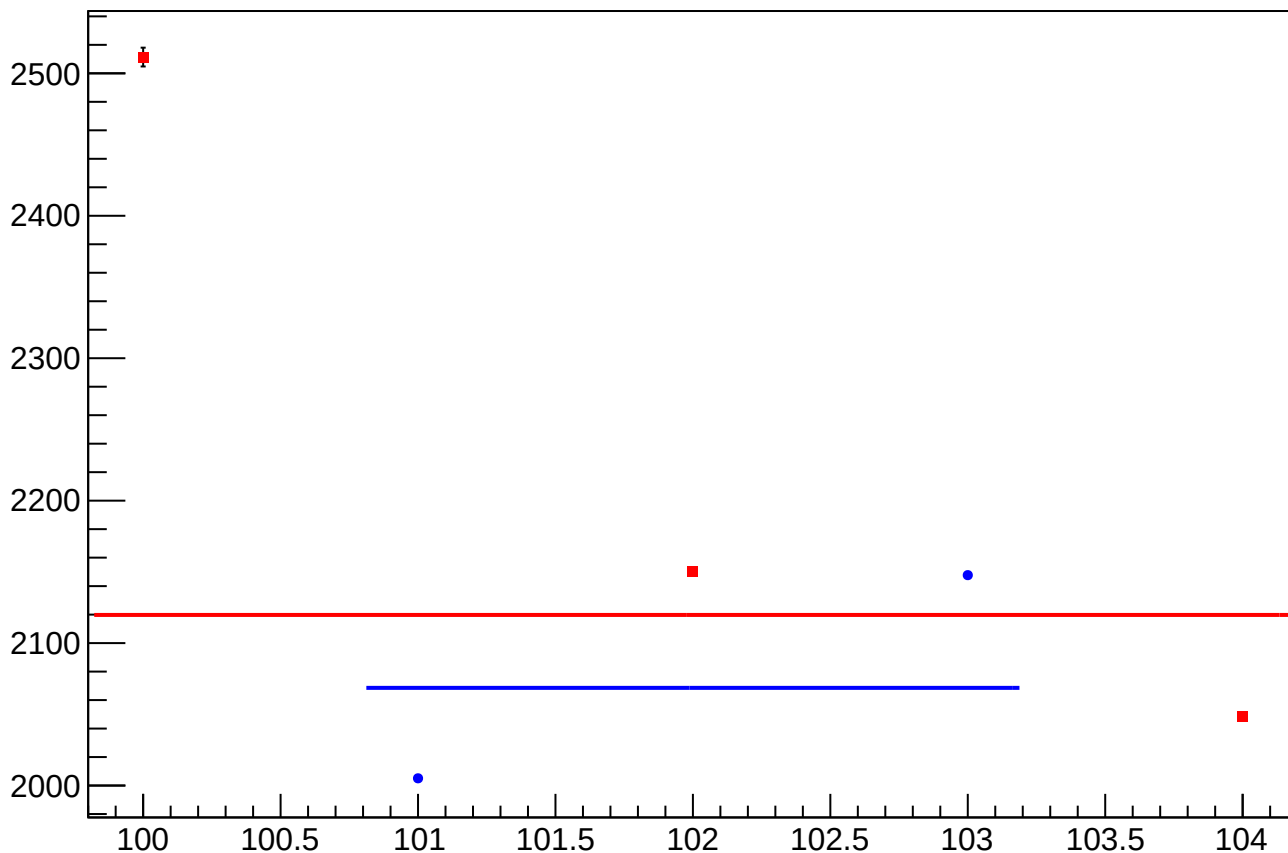
Right: 809.776+/-1324.755 χ^2/NDF : 13.3/4

In: -1359.100+/-1843.202 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.776+/-1324.755 χ^2/NDF : 13.3/4

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: 2119.773+/-1.347 χ^2/NDF : 5039.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

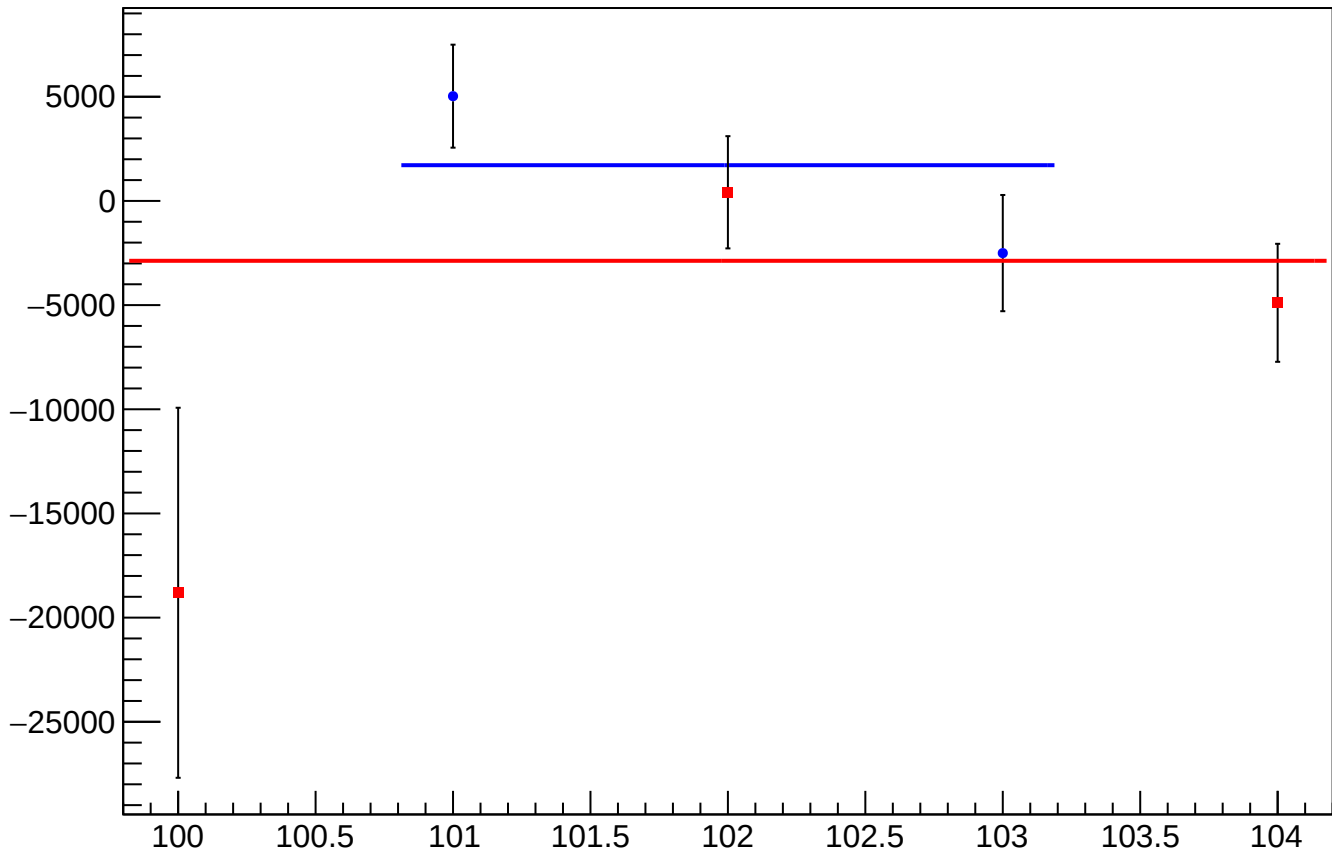
Right: 2093.328+/-0.937 χ^2/NDF : 8743.0/4

In: 2068.579+/-1.303 χ^2/NDF : 2957.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.328+/-0.937 χ^2/NDF : 8743.0/4

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: -2873.711+/-1906.140 χ^2/NDF : 5.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

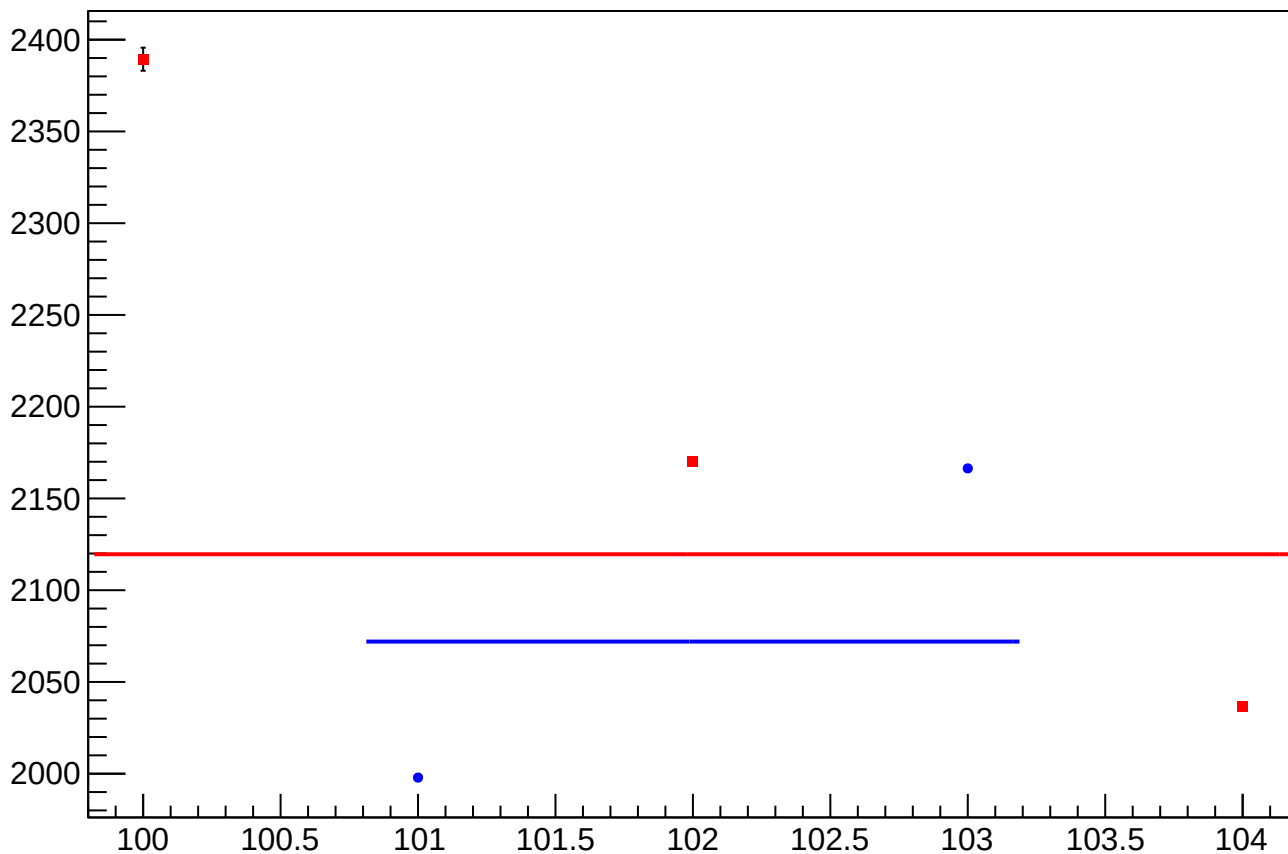
Right: -510.695+/-1327.523 χ^2/NDF : 12.3/4

In: 1714.997+/-1849.925 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.695+/-1327.523 χ^2/NDF : 12.3/4

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: 2119.589+/-1.348 χ^2/NDF : 4273.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

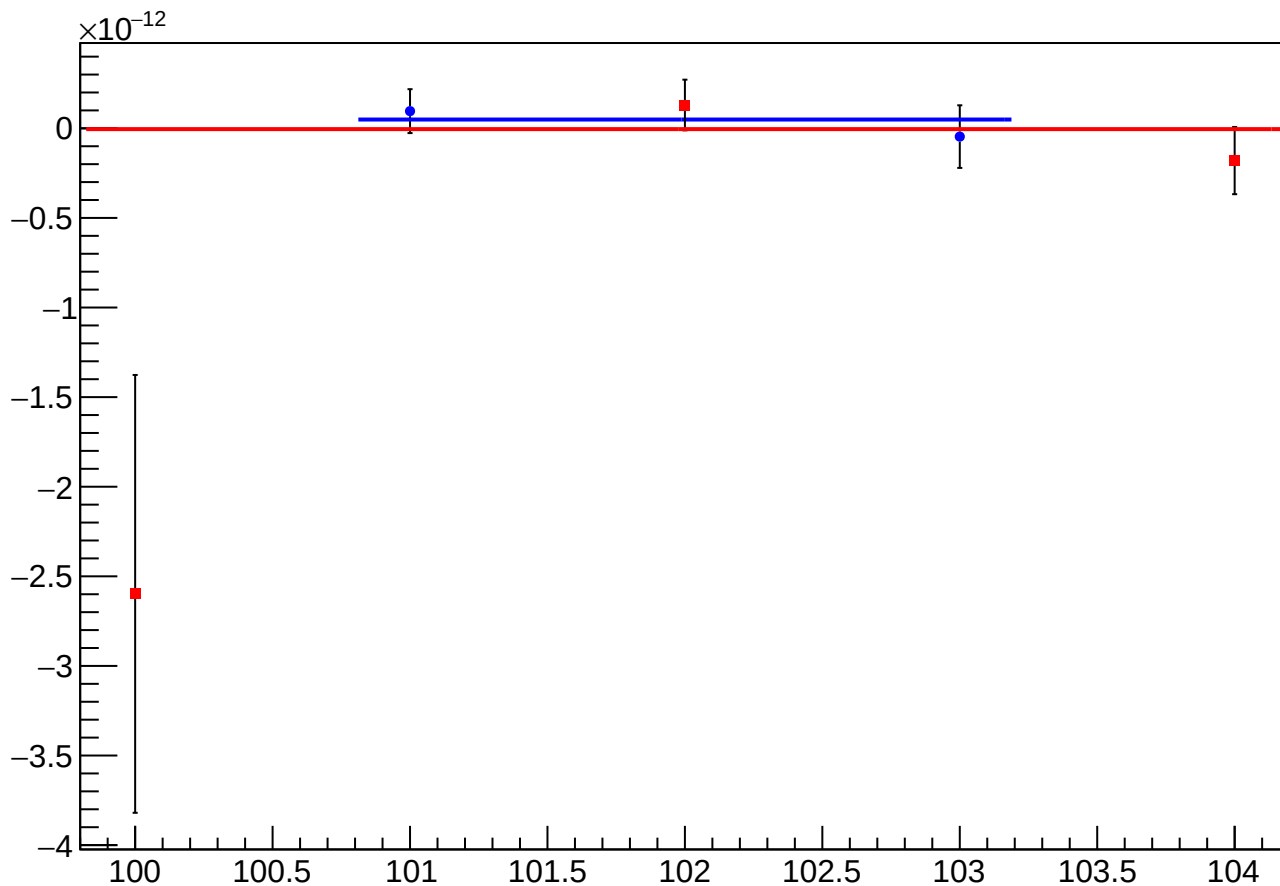
Right: 2095.086+/-0.939 χ^2/NDF : 9003.7/4

In: 2072.006+/-1.308 χ^2/NDF : 4088.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.086+/-0.939 χ^2/NDF : 9003.7/4

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 : 6.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

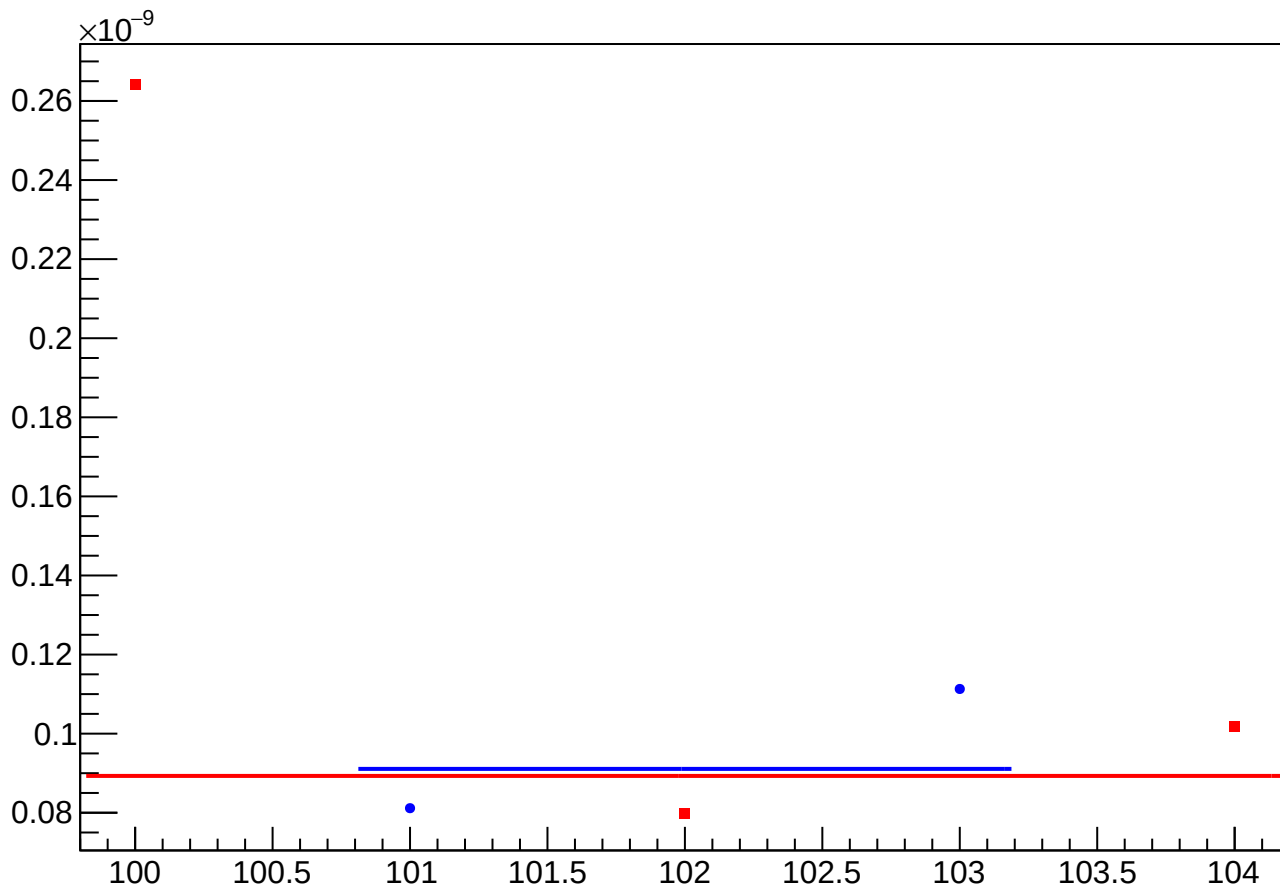
Right: 0.000+/-0.000 χ^2/NDF : 6.9/4

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 : 6.9/4

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 : 58970.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

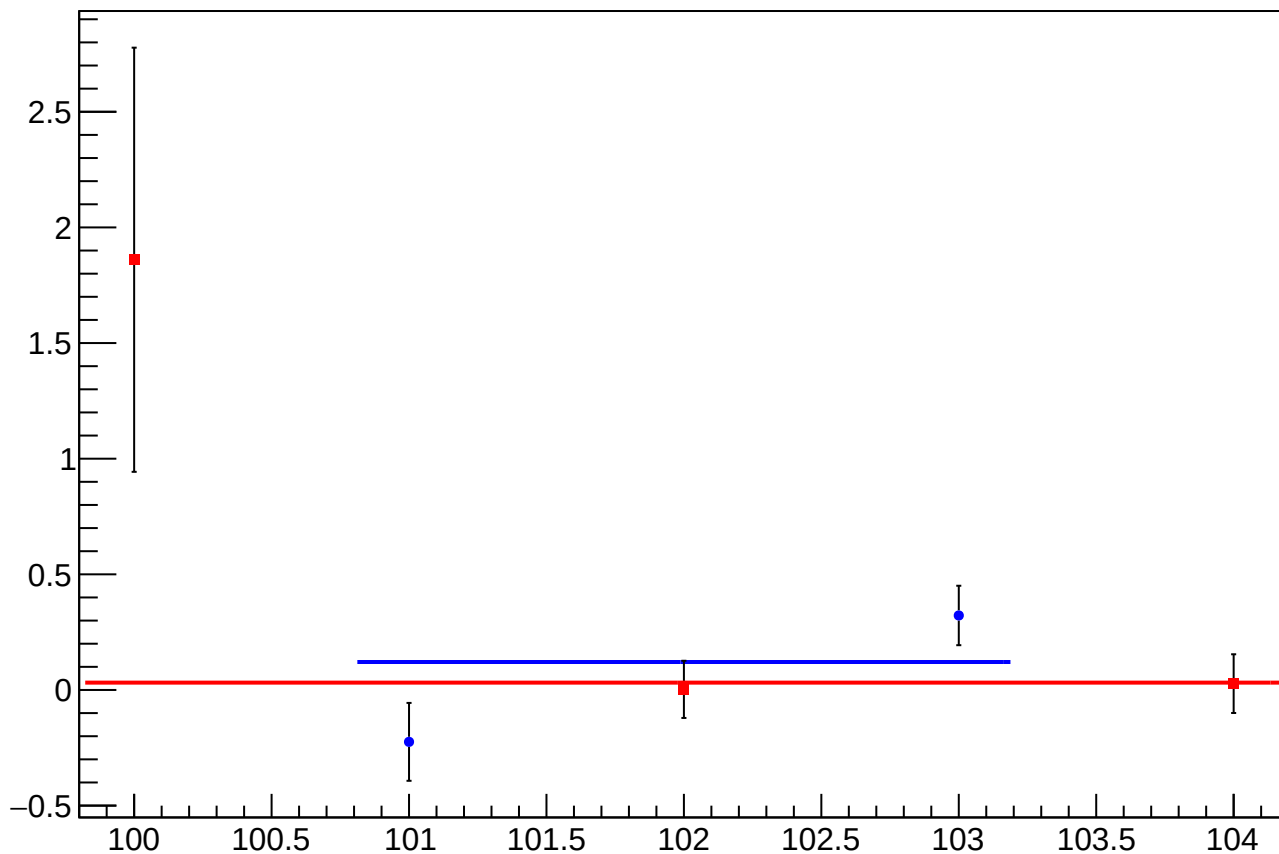
Right: 0.000+/-0.000 χ^2/NDF : 99182.8/4

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 : 99182.8/4

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: 0.032+/-0.088 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

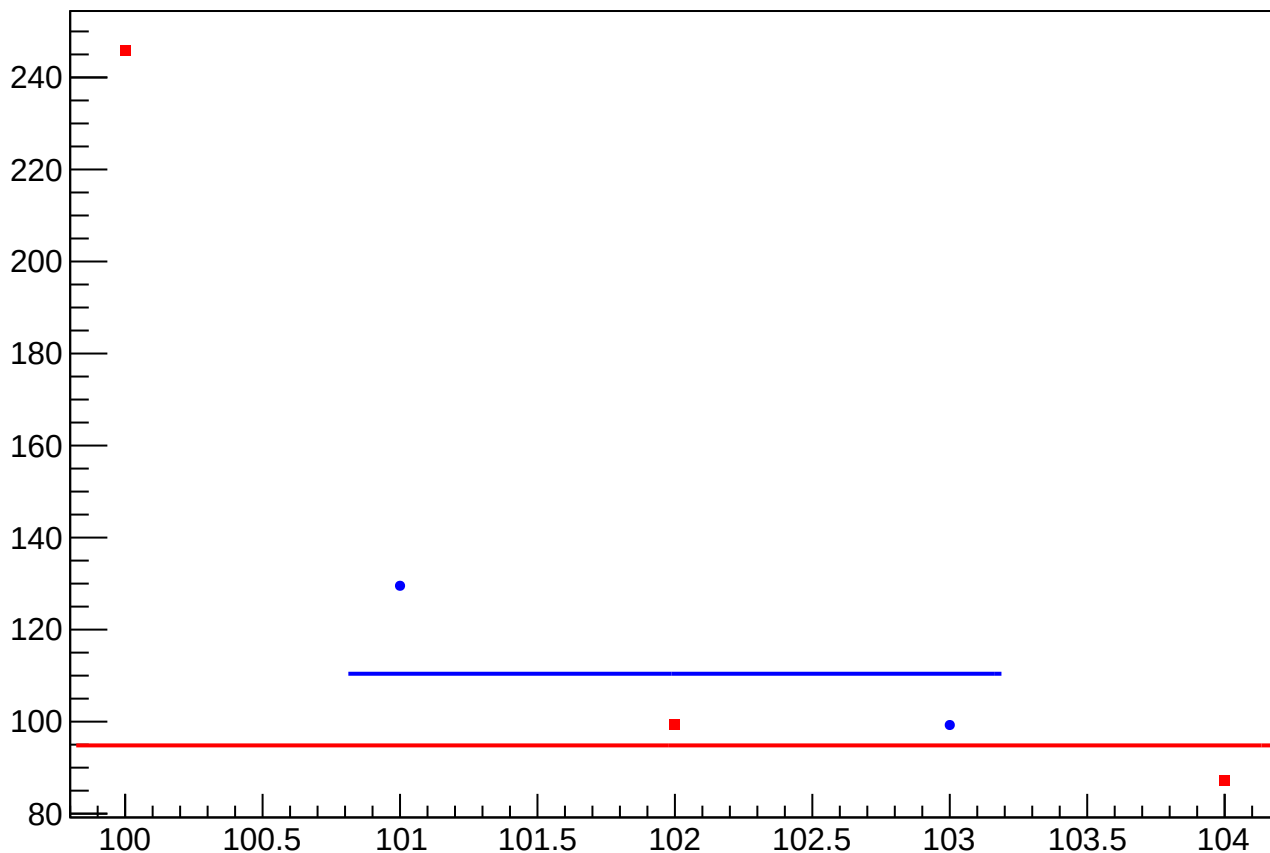
Right: 0.070+/-0.067 χ^2/NDF : 11.1/4

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.067 χ^2/NDF : 11.1/4

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: 94.836+/-0.062 χ^2/NDF : 64003.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

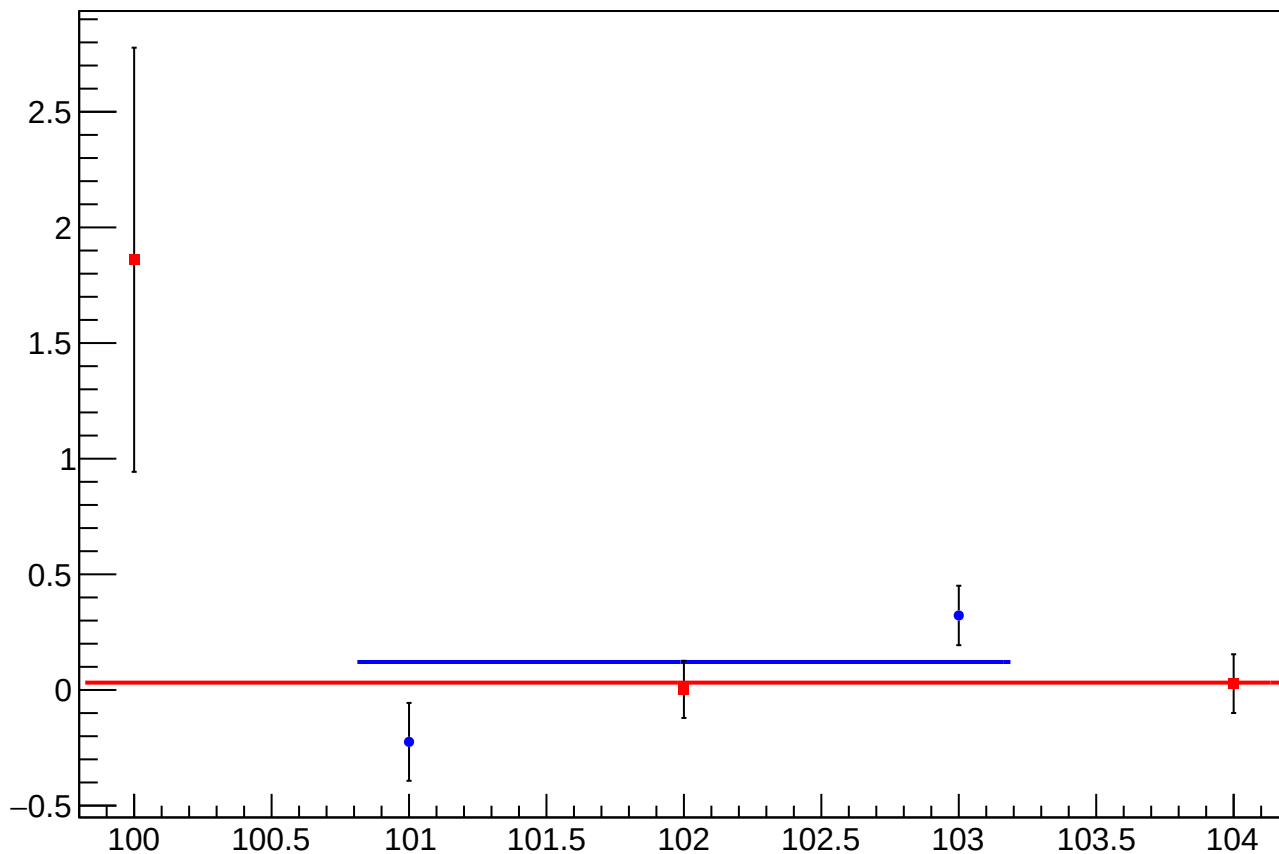
Right: 101.484+/-0.047 χ^2/NDF : 131452.7/4

In: 110.409+/-0.072 χ^2/NDF : 40813.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.484+/-0.047 χ^2/NDF : 131452.7/4

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: 0.032+/-0.088 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

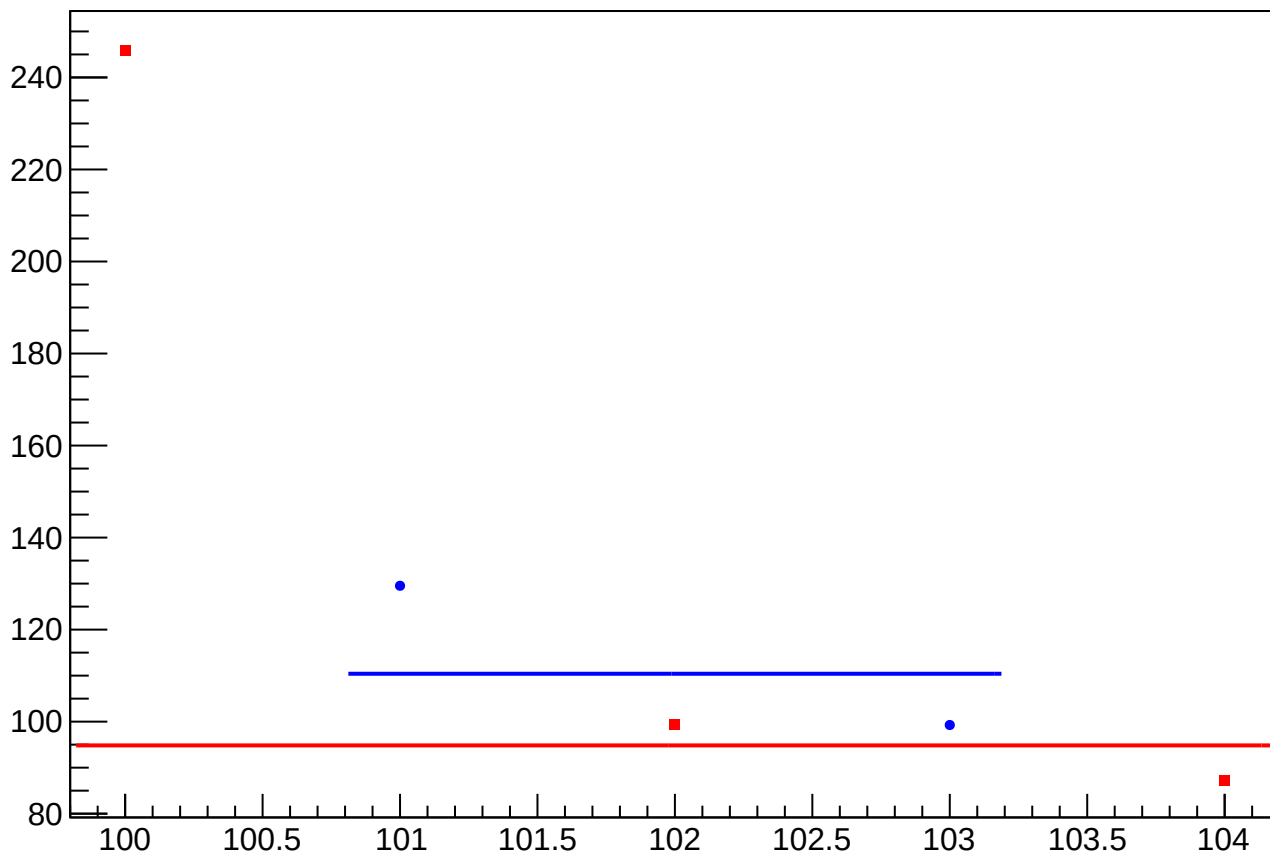
Right: 0.070+/-0.067 χ^2/NDF : 11.1/4

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.067 χ^2/NDF : 11.1/4

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: 94.836 $\pm$ 0.062 χ^2 /NDF: 64003.4/2

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

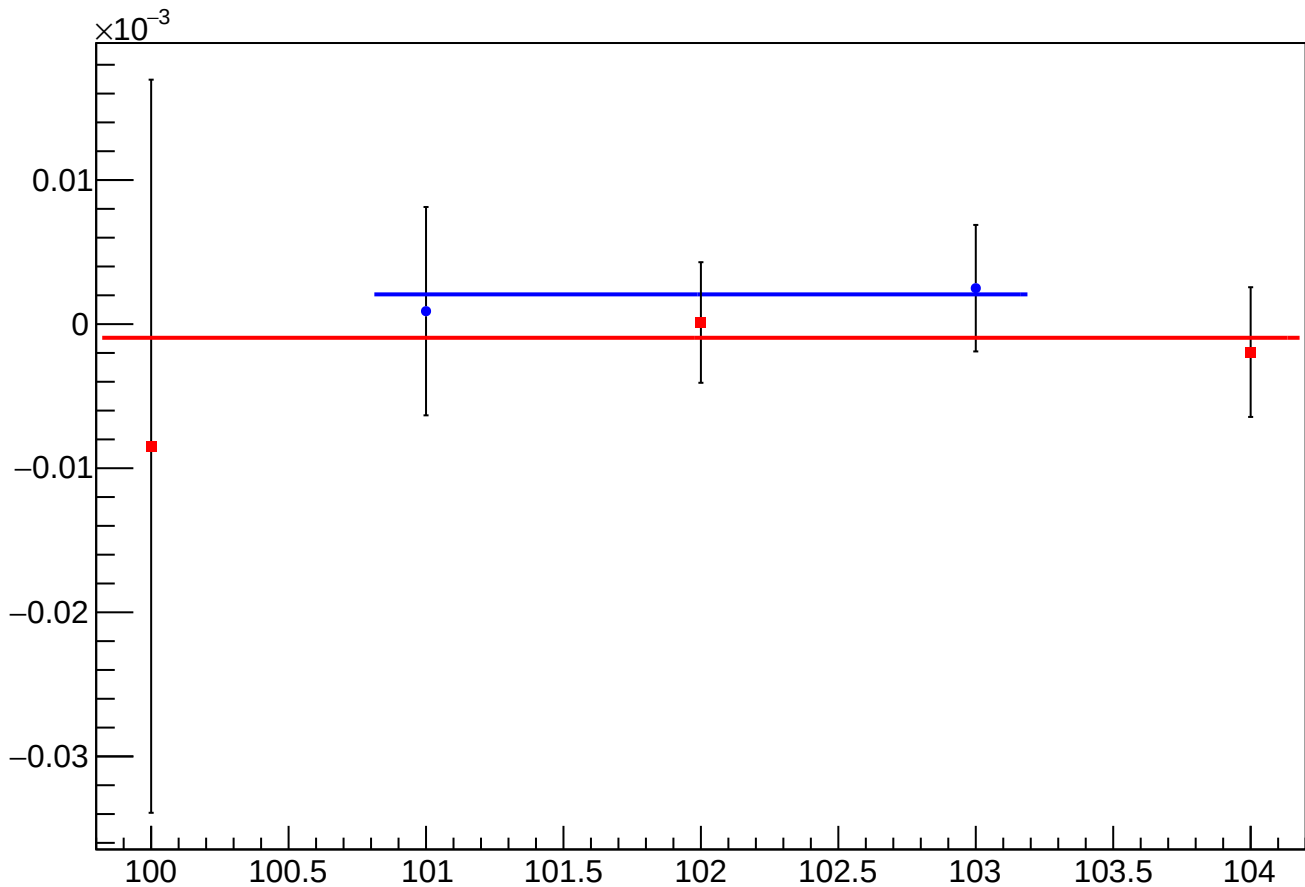
Right: 101.484 $\pm$ 0.047 χ^2 /NDF: 131452.7/4

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: 101.484 $\pm$ 0.047 χ^2 /NDF: 131452.7/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

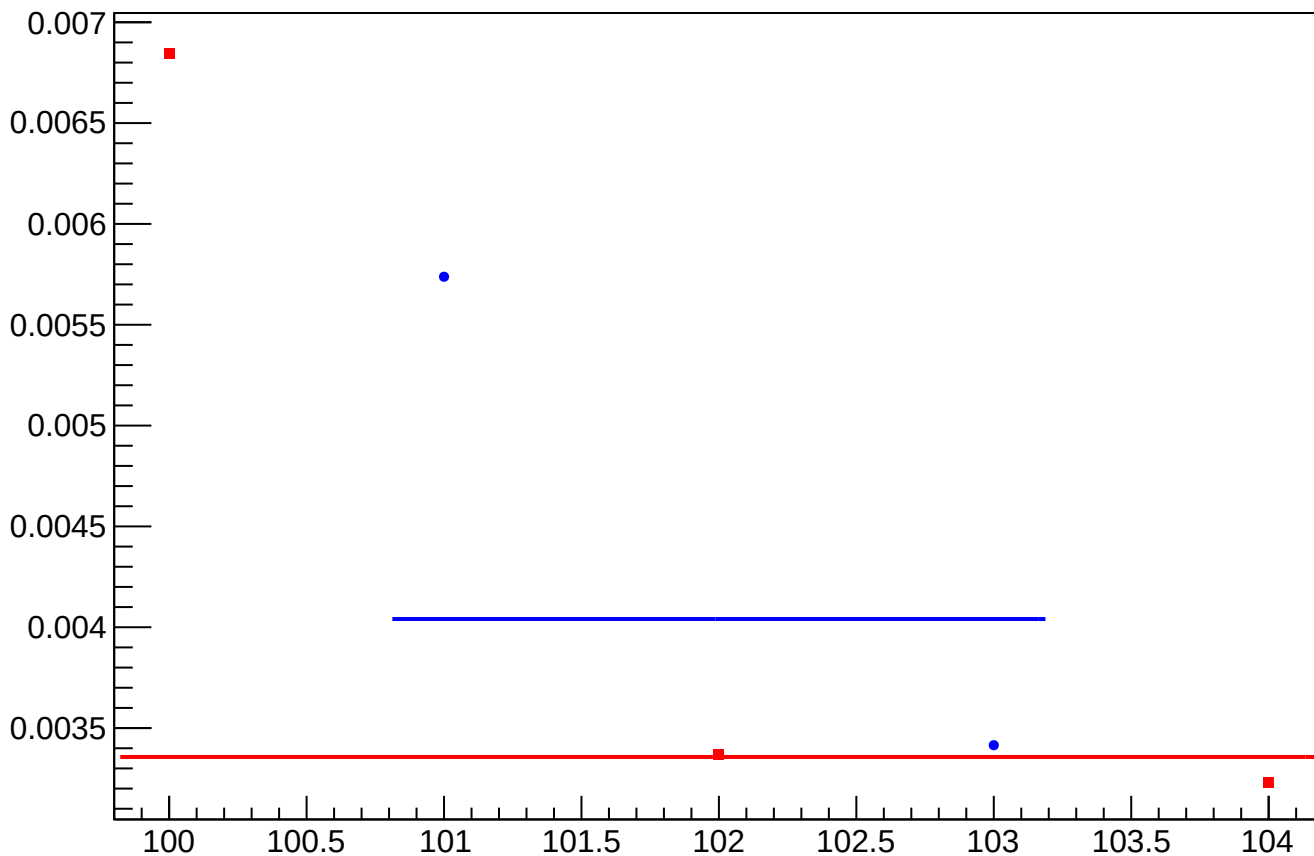
Right: 0.000+/-0.000 χ^2/NDF : 0.6/4

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 : 0.6/4

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 : 39187.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

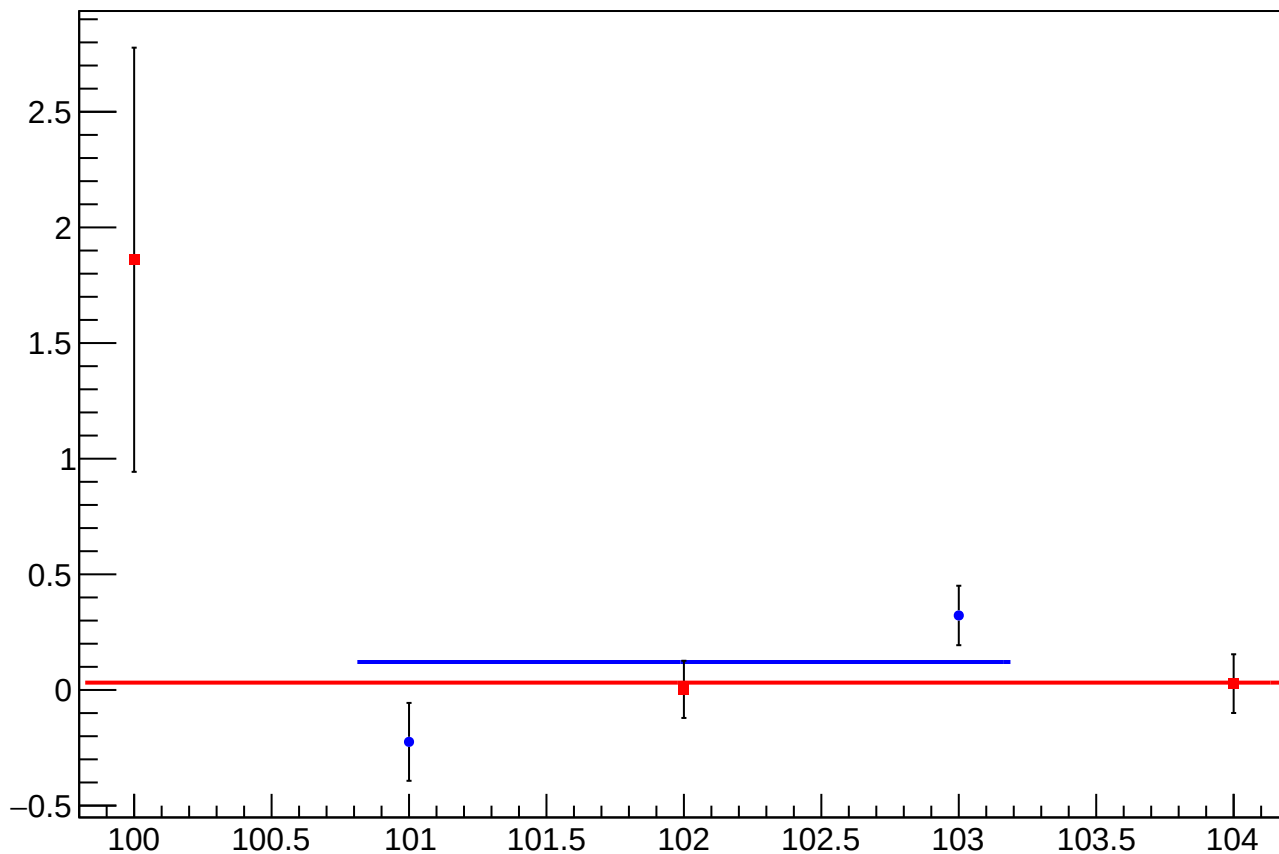
Right: 0.004+/-0.000 χ^2/NDF : 230158.2/4

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 : 230158.2/4

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: 0.032+/-0.088 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

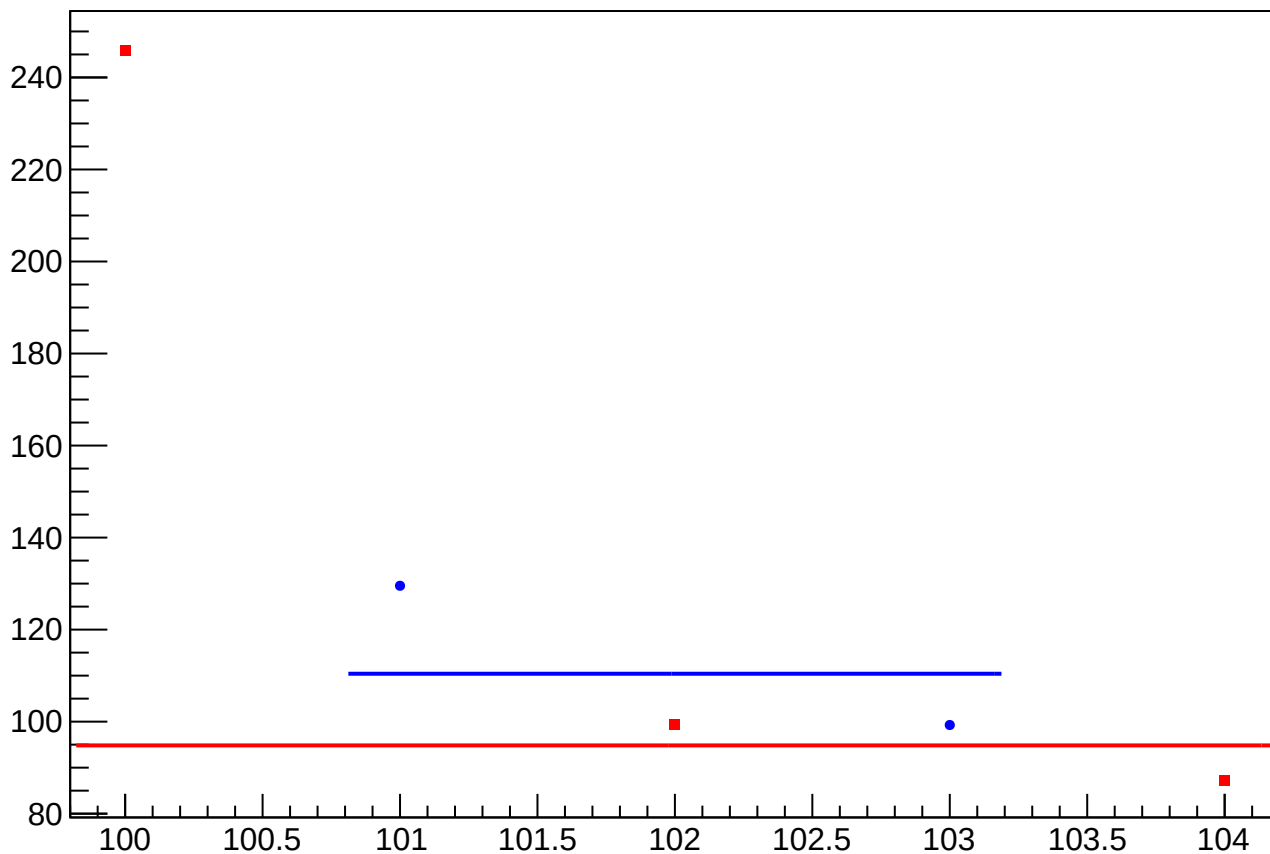
Right: 0.070+/-0.067 χ^2/NDF : 11.1/4

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.067 χ^2/NDF : 11.1/4

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: 94.836+/-0.062 χ^2/NDF : 64004.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

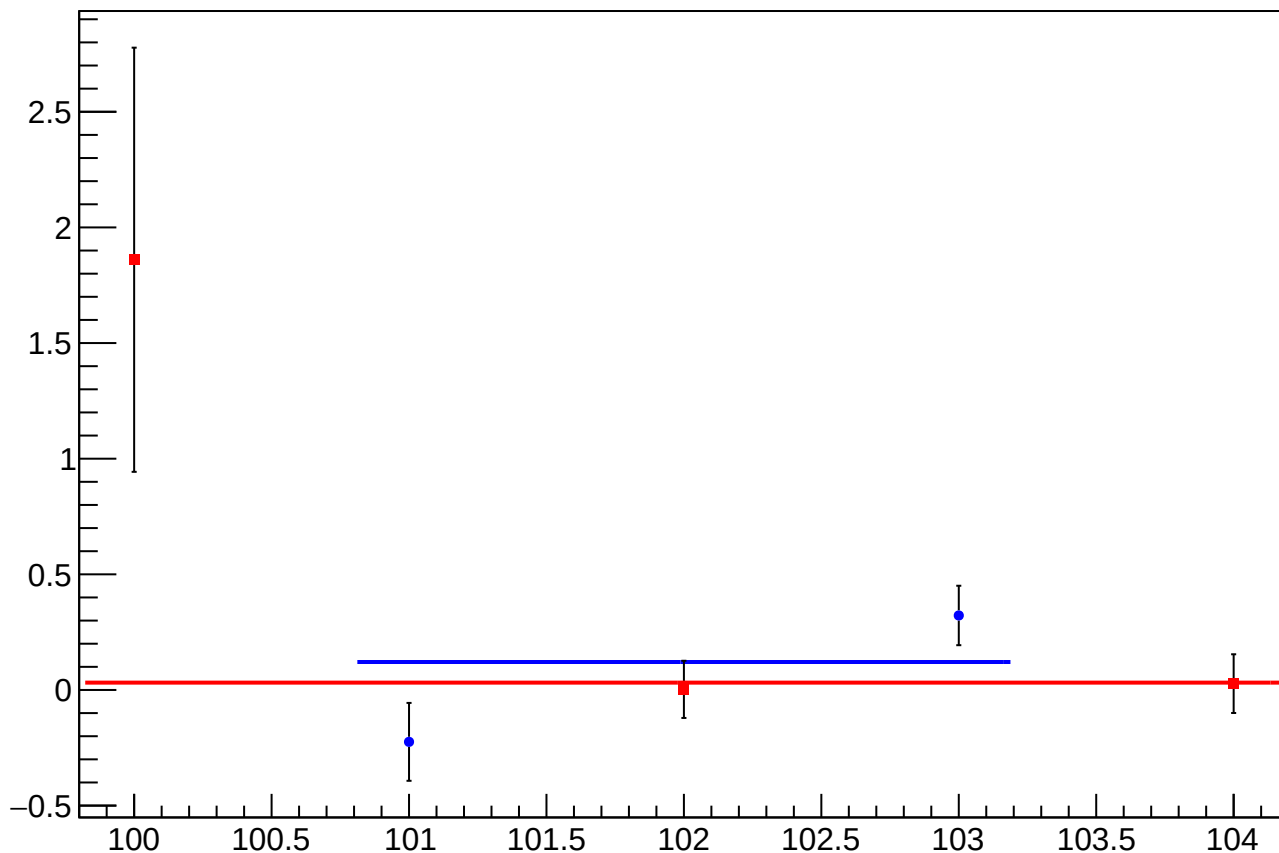
Right: 101.484+/-0.047 χ^2/NDF : 131464.2/4

In: 110.410+/-0.072 χ^2/NDF : 40820.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.484+/-0.047 χ^2/NDF : 131464.2/4

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: 0.032+/-0.088 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

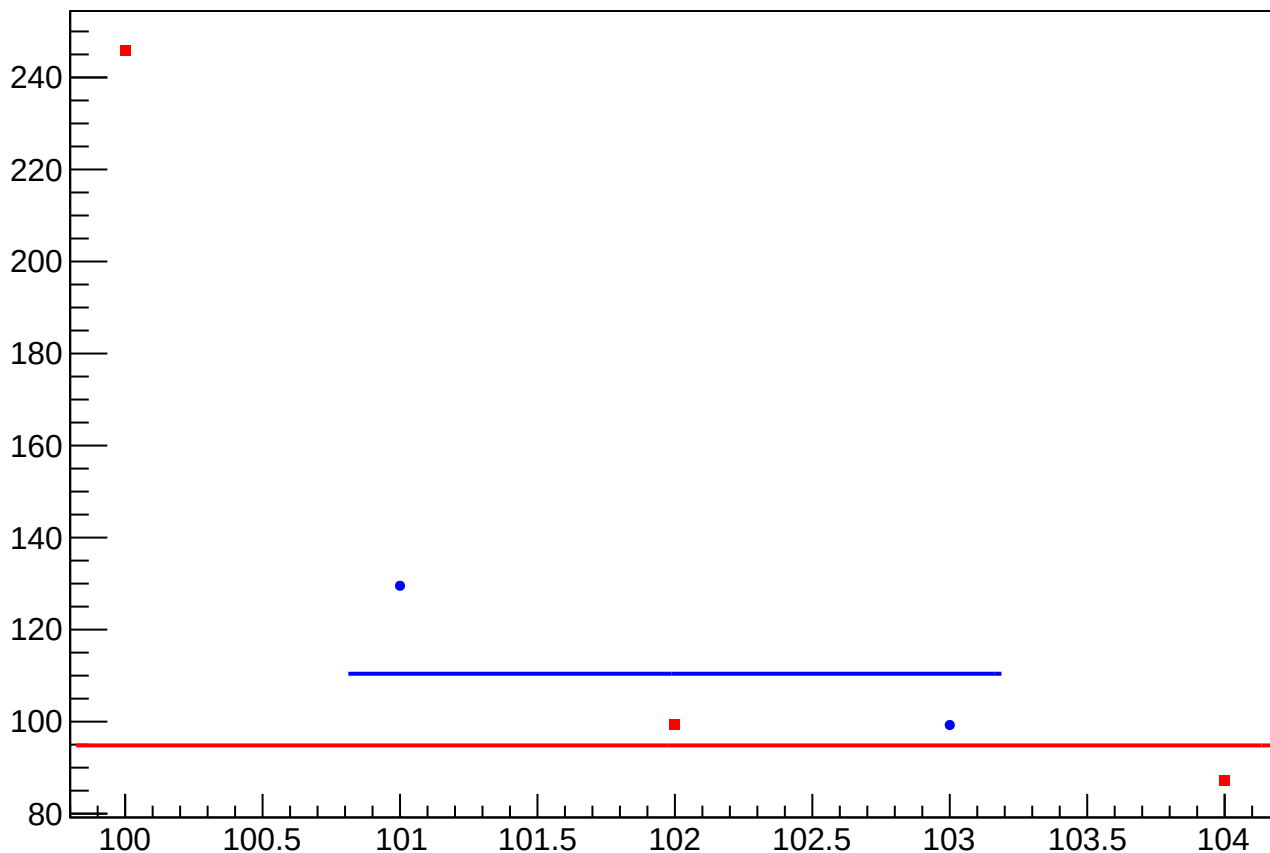
Right: 0.070+/-0.067 χ^2/NDF : 11.1/4

In: 0.121+/-0.102 χ^2/NDF : 6.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.067 χ^2/NDF : 11.1/4

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: 94.836+/-0.062 χ^2/NDF : 64004.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

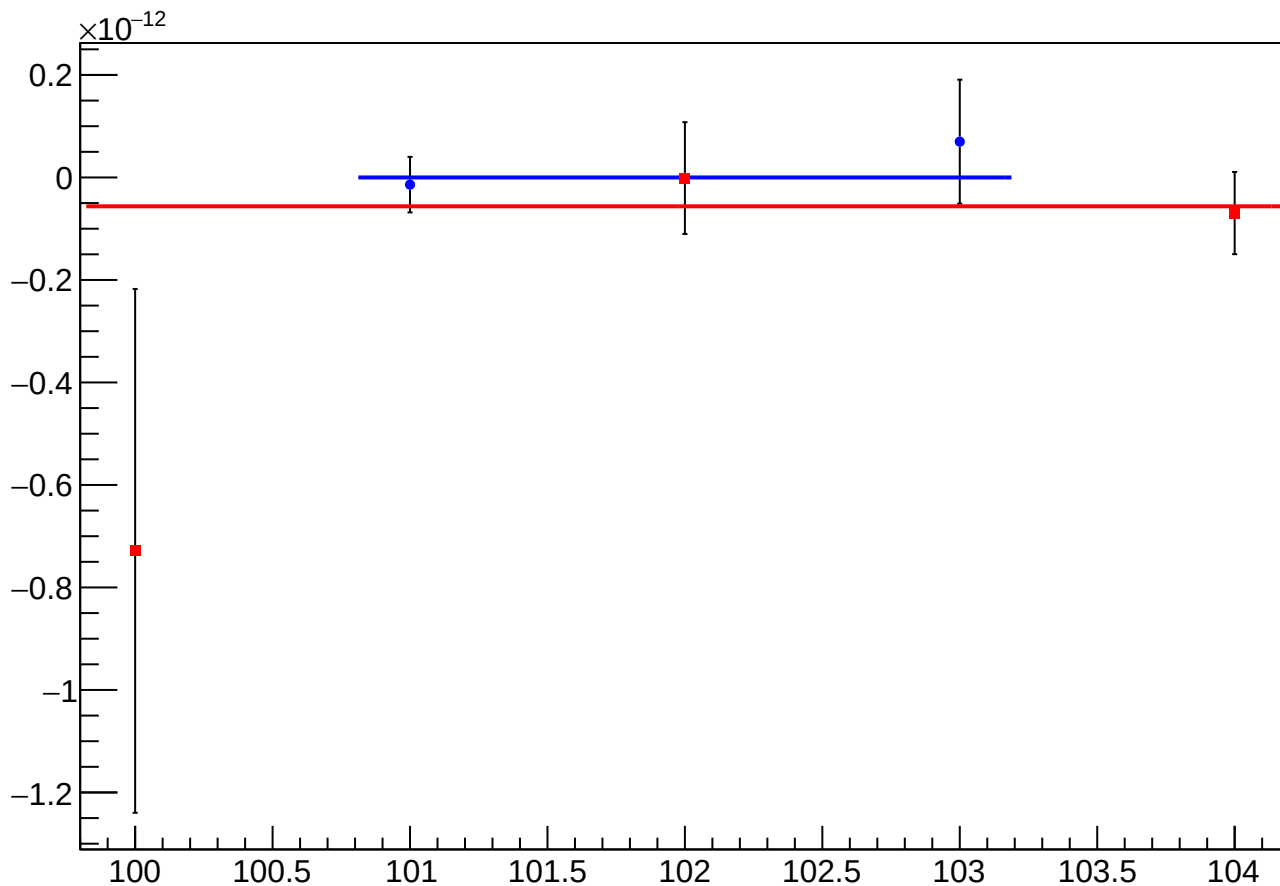
Right: 101.484+/-0.047 χ^2/NDF : 131464.2/4

In: 110.410+/-0.072 χ^2/NDF : 40820.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.484+/-0.047 χ^2/NDF : 131464.2/4

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 : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

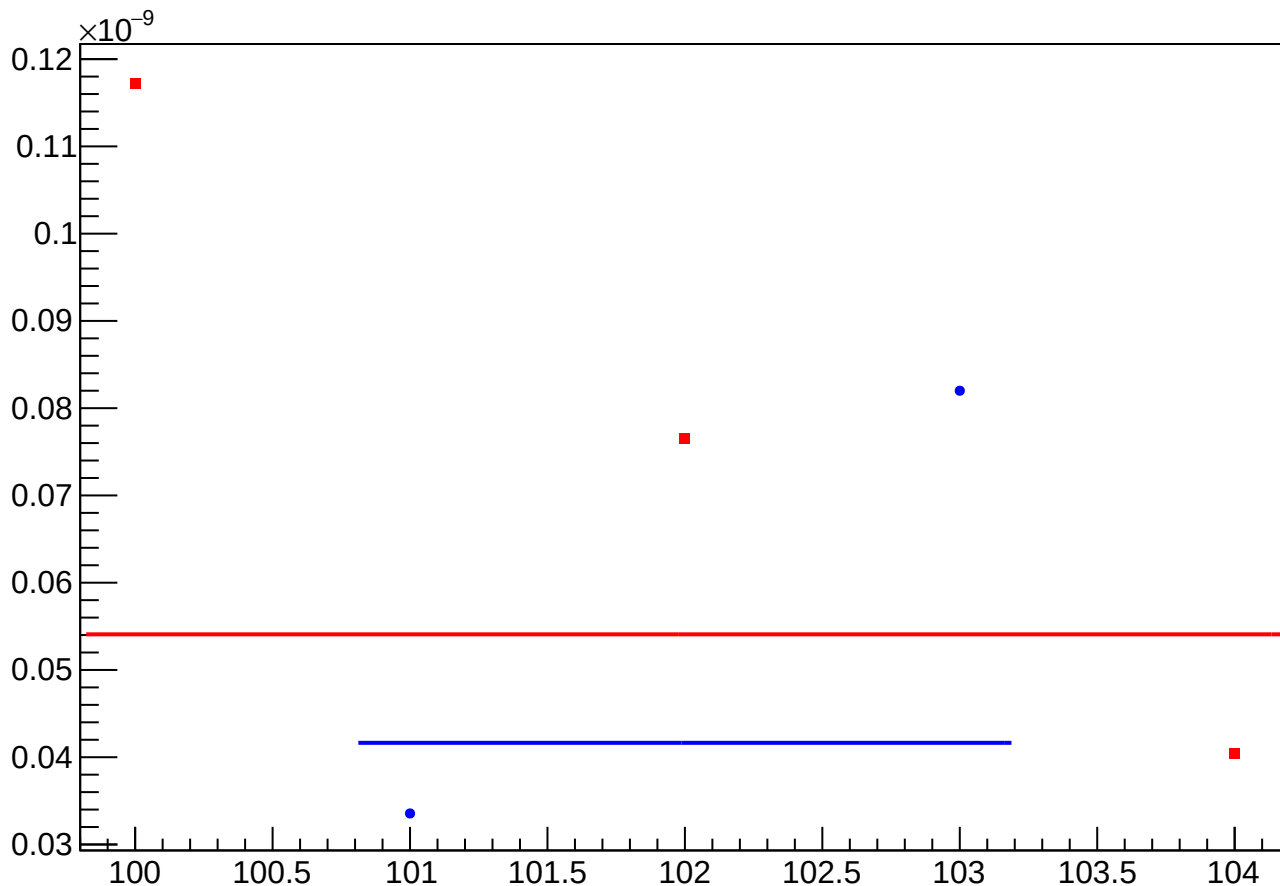
Right: -0.000+/-0.000 χ^2/NDF : 2.9/4

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 : 2.9/4

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 : 173932.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

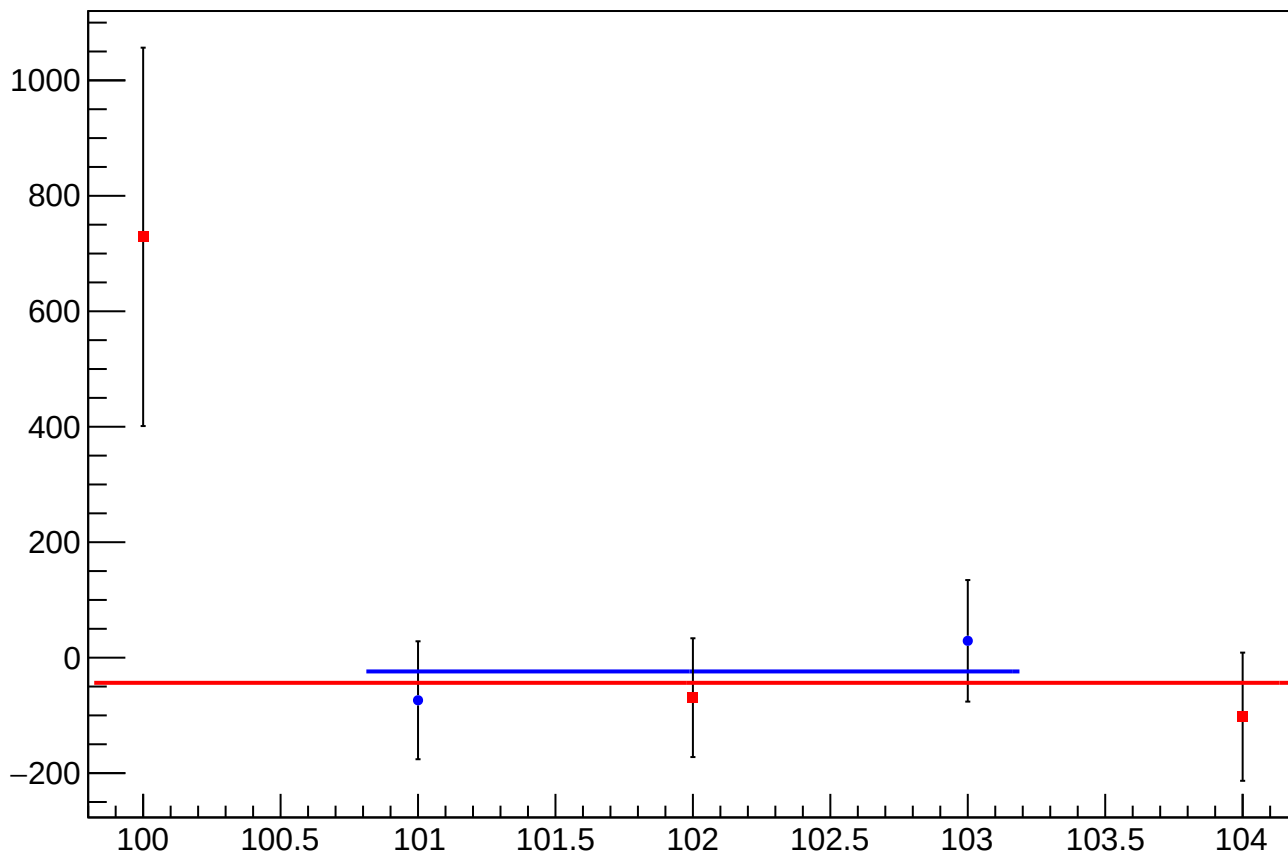
Right: 0.000+/-0.000 χ^2/NDF : 488330.7/4

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 : 488330.7/4

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -23.852 ± 73.312 $\chi^2/\text{NDF}: 0.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -43.563 ± 73.534 $\chi^2/\text{NDF}: 5.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

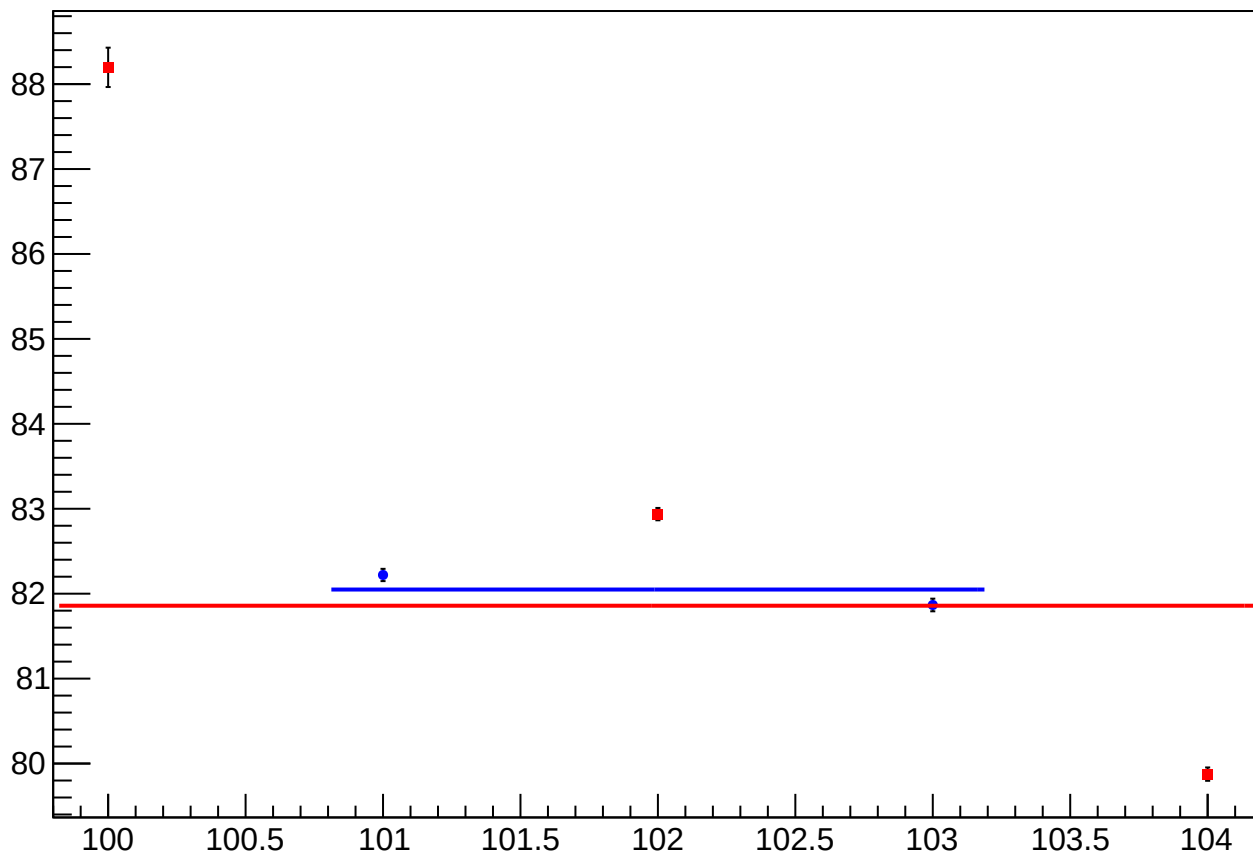
Right: -33.678 ± 51.918 $\chi^2/\text{NDF}: 6.4/4$

In: -23.852 ± 73.312 $\chi^2/\text{NDF}: 0.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.678 ± 51.918 $\chi^2/\text{NDF}: 6.4/4$

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: 81.858 $\pm$ 0.052 χ^2 /NDF: 1606.4/2

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

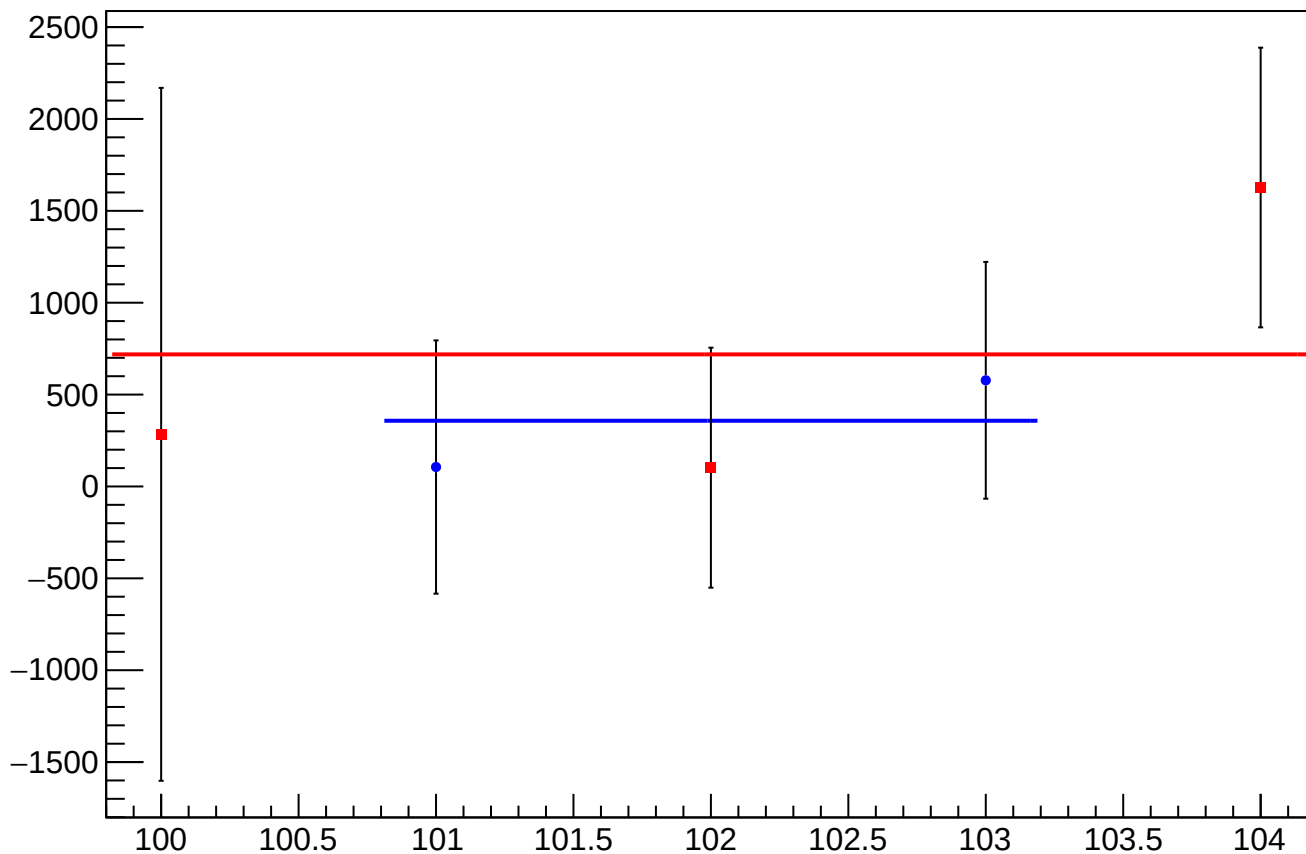
Right: 81.954 $\pm$ 0.037 χ^2 /NDF: 1624.7/4

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: 81.954 $\pm$ 0.037 χ^2 /NDF: 1624.7/4

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: 718.761+/-479.346 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

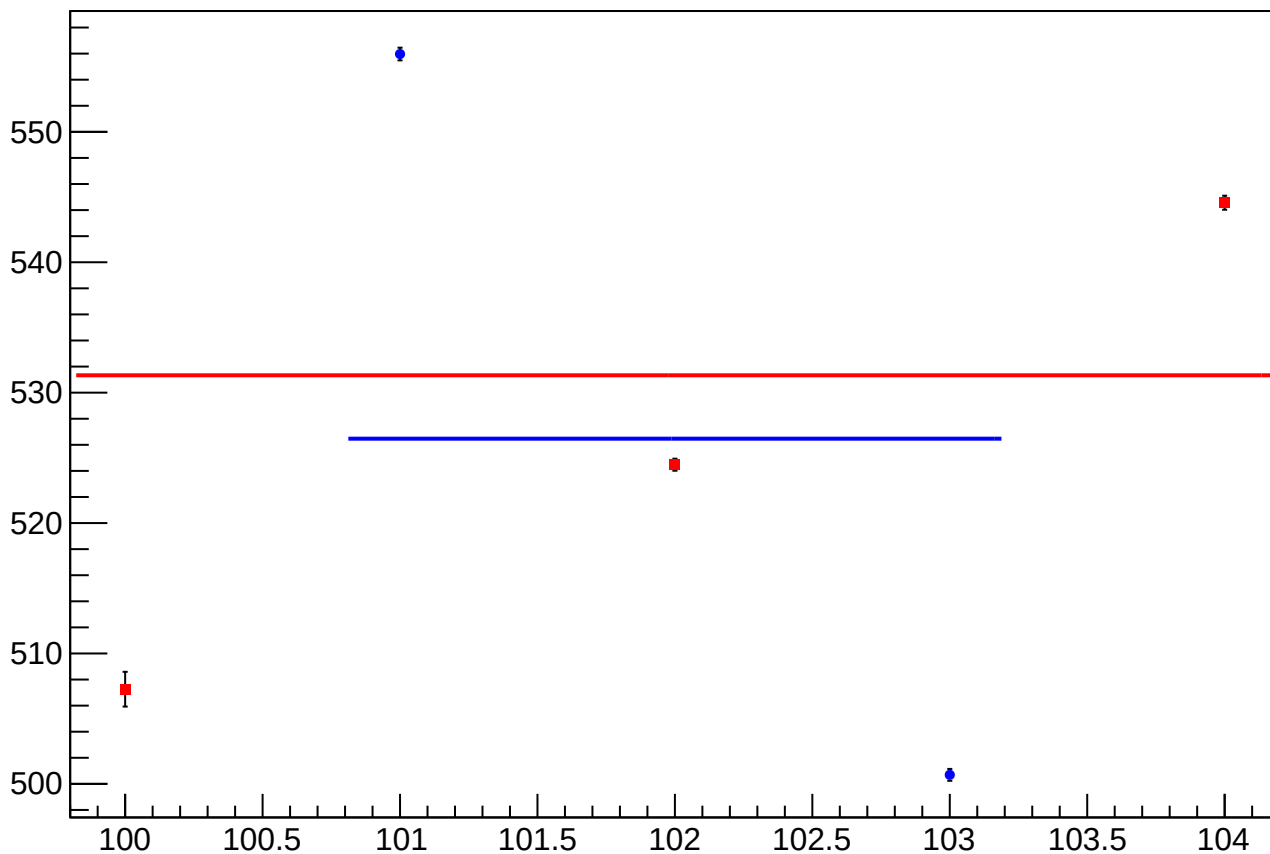
Right: 534.876+/-335.841 χ^2/NDF : 2.9/4

In: 357.585+/-470.675 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.876+/-335.841 χ^2/NDF : 2.9/4

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 526.471+/-0.333 χ^2/NDF : 6865.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 531.332+/-0.339 χ^2/NDF : 1151.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

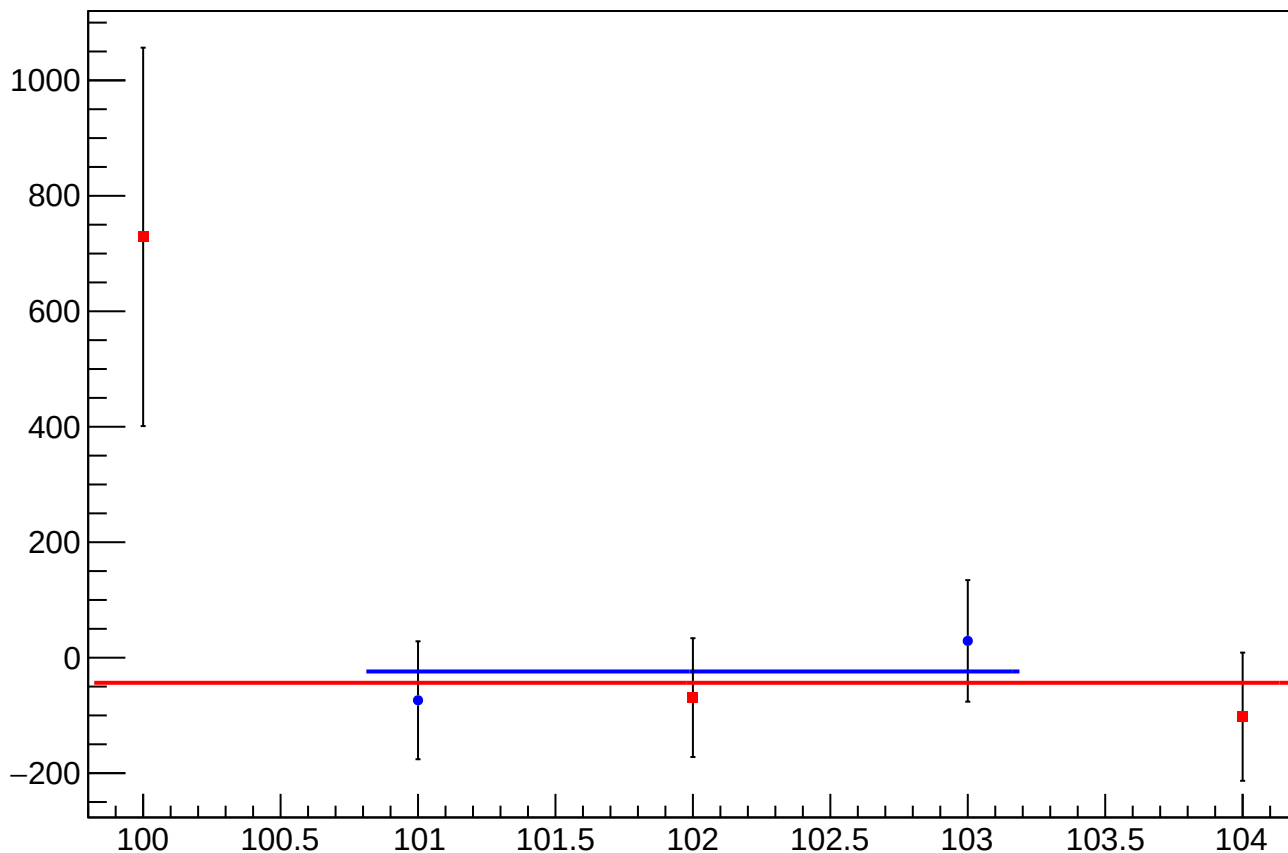
Right: 528.857+/-0.237 χ^2/NDF : 8120.9/4

In: 526.471+/-0.333 χ^2/NDF : 6865.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.857+/-0.237 χ^2/NDF : 8120.9/4

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: -43.469+/-73.541 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

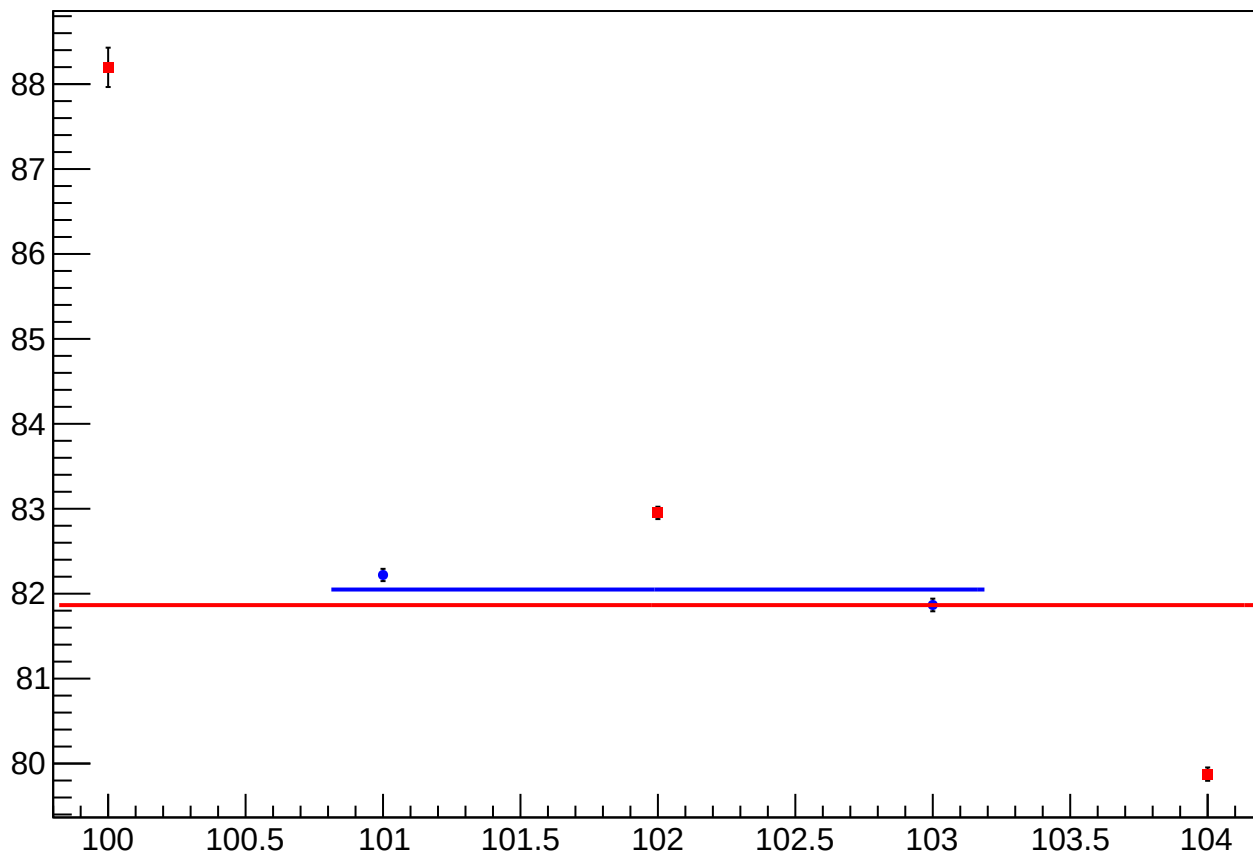
Right: -33.646+/-51.920 χ^2/NDF : 6.4/4

In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.646+/-51.920 χ^2/NDF : 6.4/4

cor_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: 81.865 $\pm$ 0.052 χ^2 /NDF: 1612.1/2

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

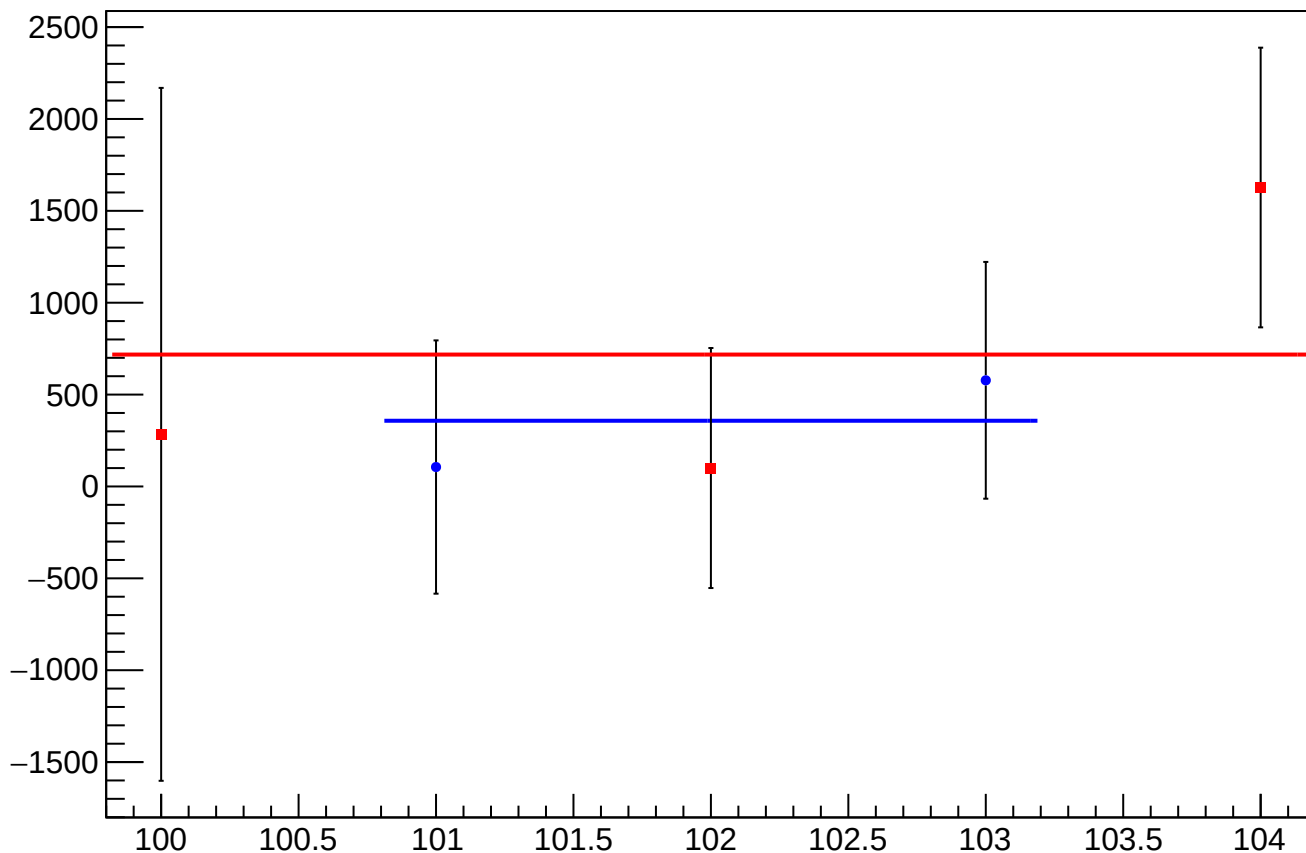
Right: 81.957 $\pm$ 0.037 χ^2 /NDF: 1630.0/4

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: 81.957 $\pm$ 0.037 χ^2 /NDF: 1630.0/4

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 357.580 $\pm$ 470.674 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 717.818 $\pm$ 479.359 χ^2 /NDF: 2.4/2

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

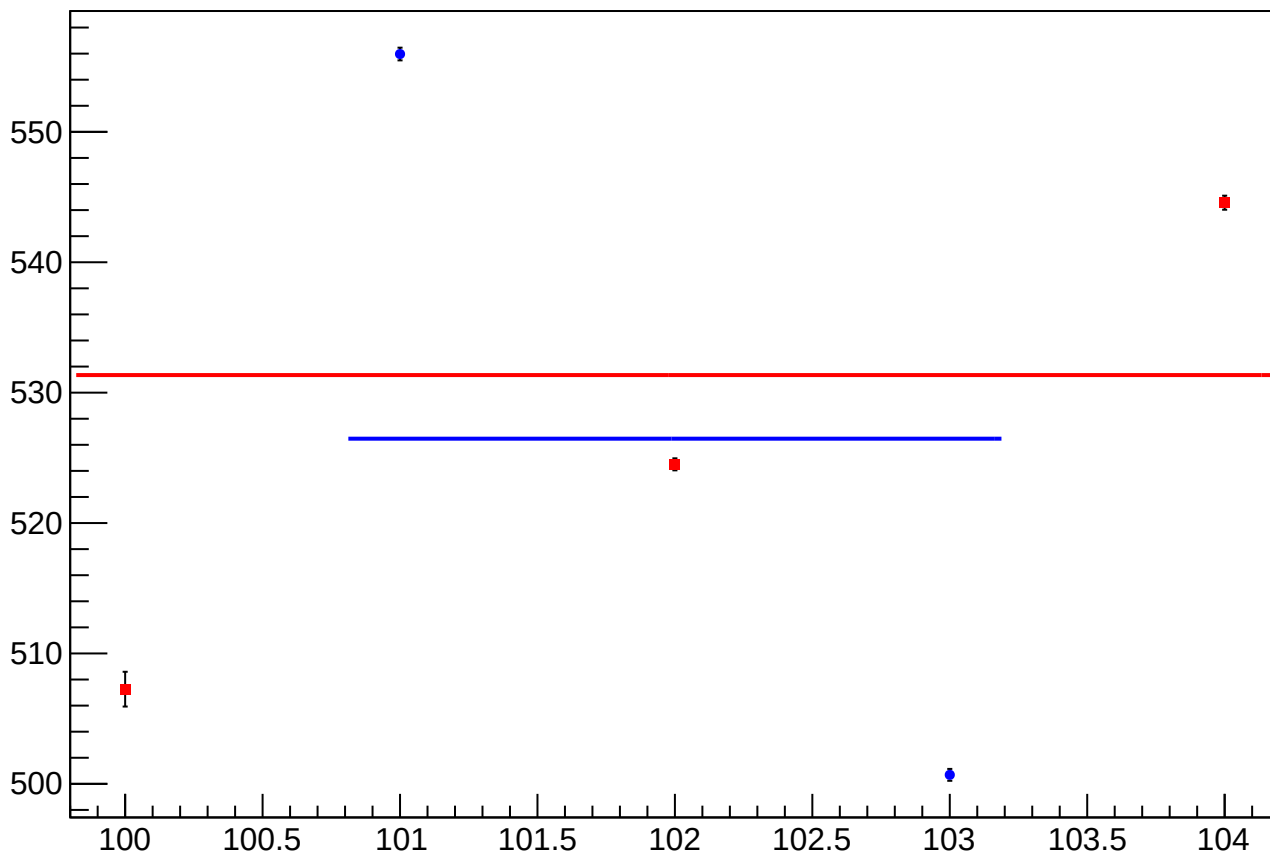
Right: 534.406 $\pm$ 335.845 χ^2 /NDF: 2.9/4

In: 357.580 $\pm$ 470.674 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 534.406 $\pm$ 335.845 χ^2 /NDF: 2.9/4

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470 ± 0.333 $\chi^2/\text{NDF}: 6865.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 531.348 ± 0.339 $\chi^2/\text{NDF}: 1149.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

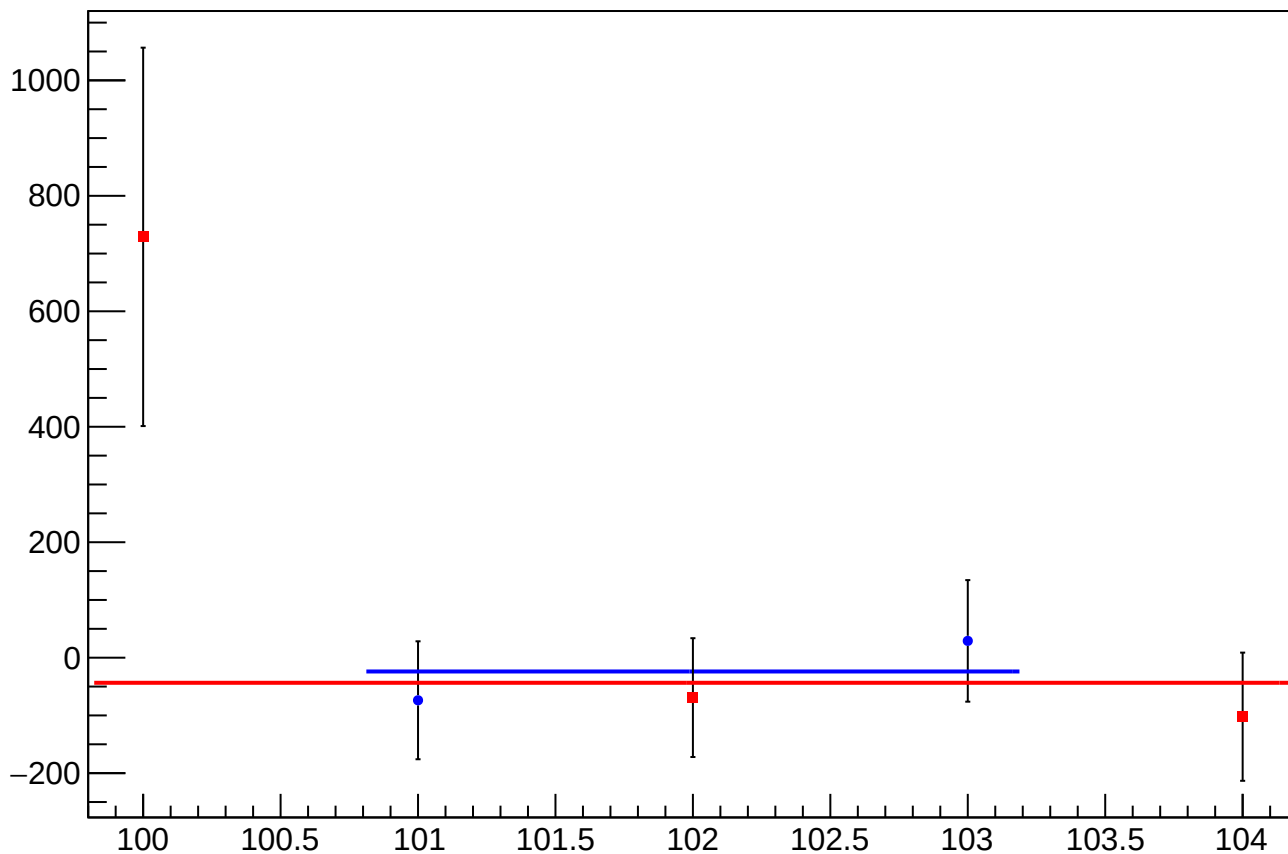
Right: 528.864 ± 0.237 $\chi^2/\text{NDF}: 8120.7/4$

In: 526.470 ± 0.333 $\chi^2/\text{NDF}: 6865.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 528.864 ± 0.237 $\chi^2/\text{NDF}: 8120.7/4$

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: -43.469+/-73.541 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

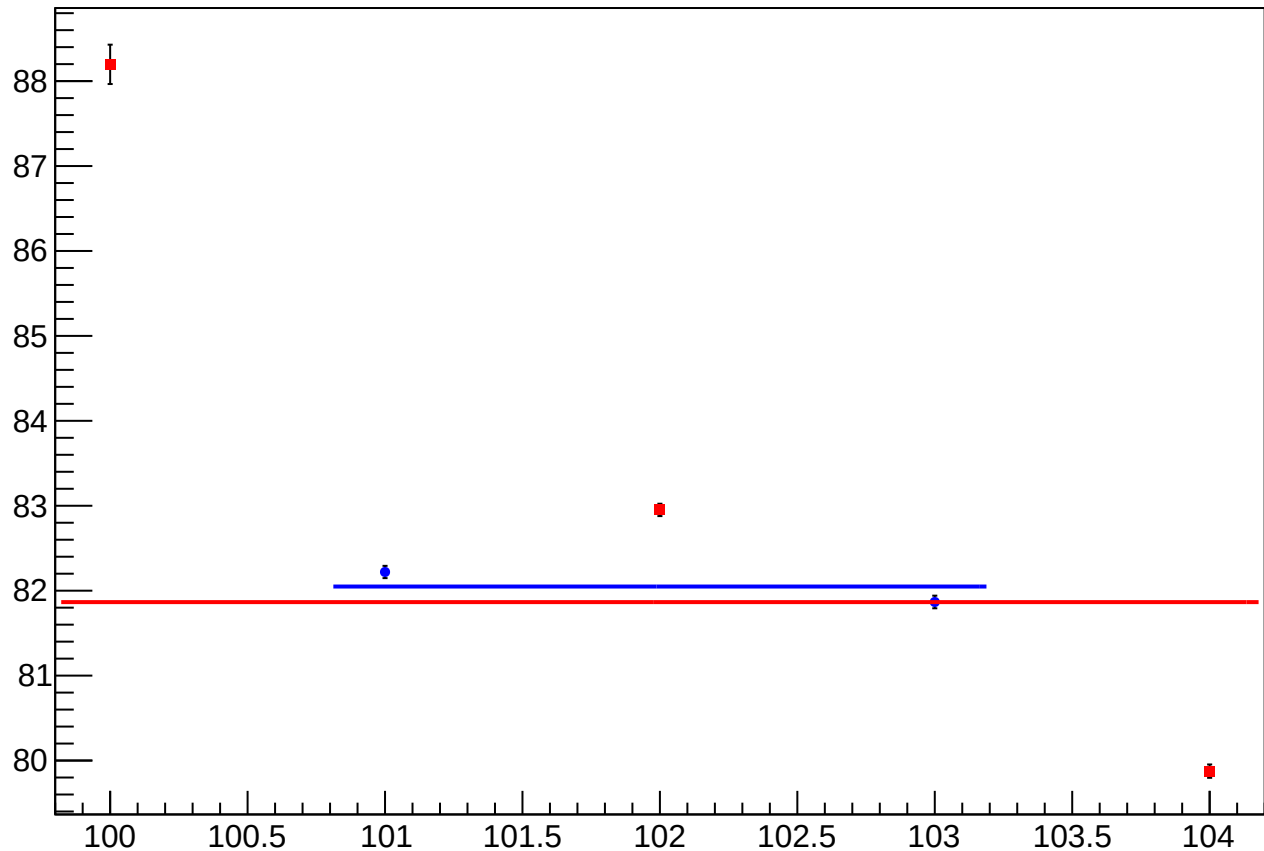
Right: -33.646+/-51.920 χ^2/NDF : 6.4/4

In: -23.884+/-73.312 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.646+/-51.920 χ^2/NDF : 6.4/4

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: 81.865 +/- 0.052 χ^2/NDF : 1612.1/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

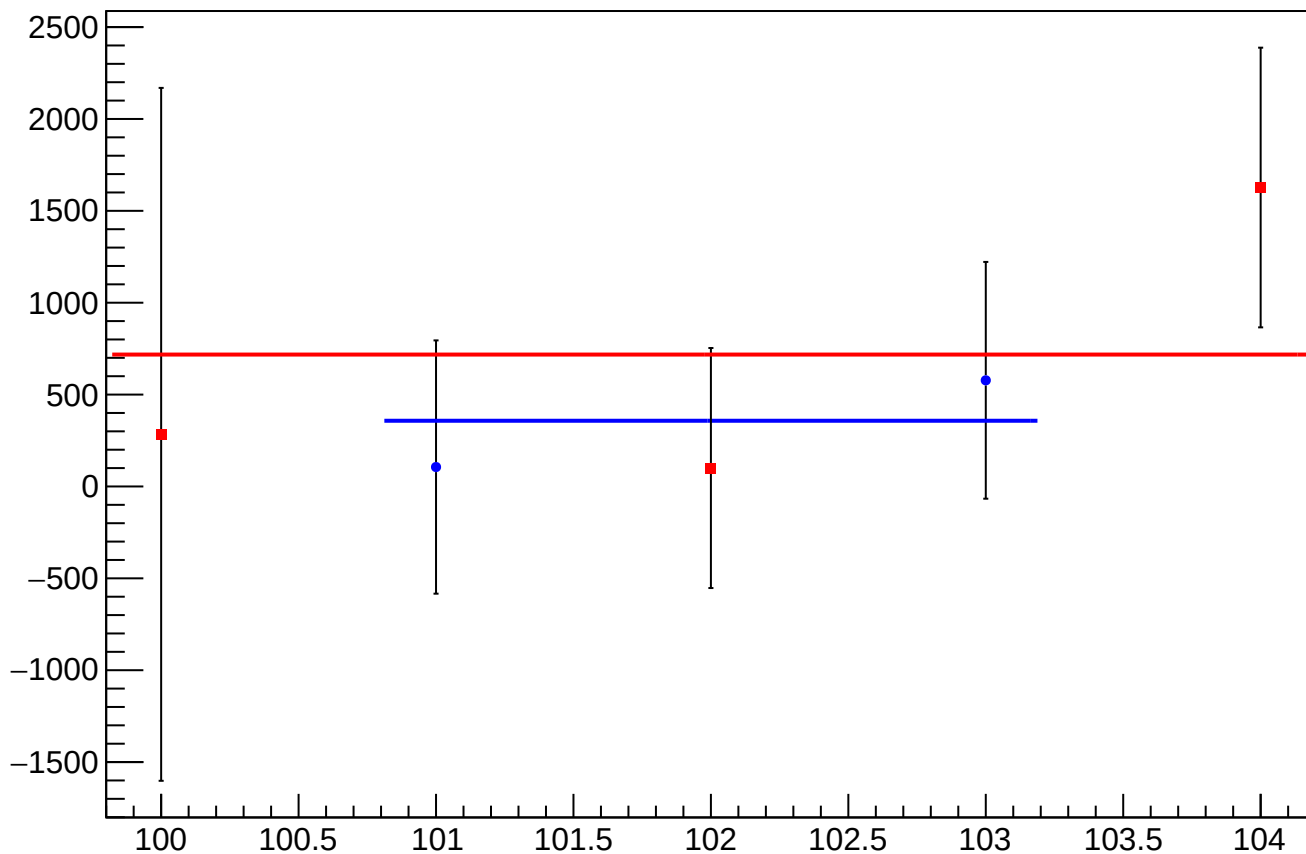
Right: 81.957 +/- 0.037 χ^2/NDF : 1630.0/4

In: 82.049 +/- 0.052 χ^2/NDF : 11.6/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 81.957 +/- 0.037 χ^2/NDF : 1630.0/4

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: 717.818+/-479.359 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

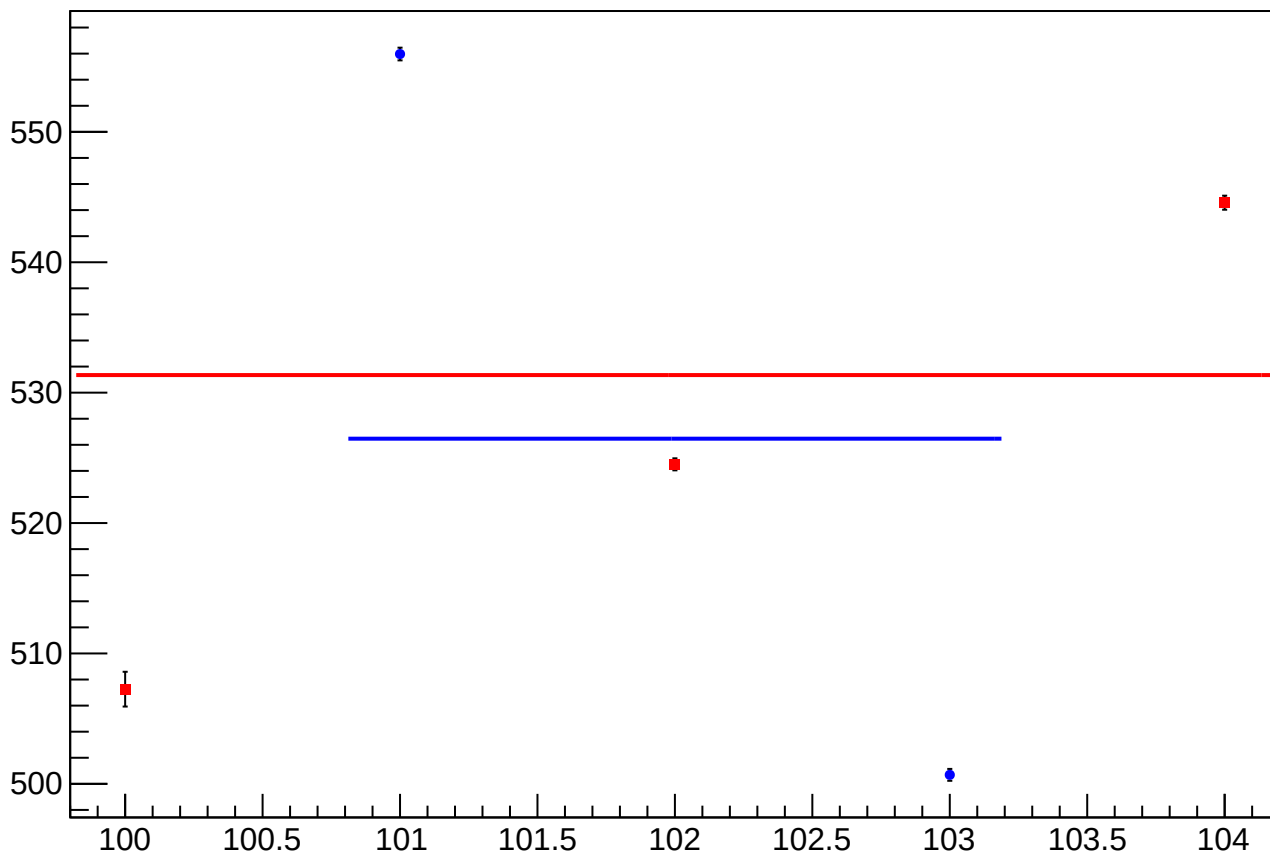
Right: 534.406+/-335.845 χ^2/NDF : 2.9/4

In: 357.580+/-470.674 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.406+/-335.845 χ^2/NDF : 2.9/4

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.470 +/- 0.333 χ^2/NDF : 6865.8/1

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 531.348 +/- 0.339 χ^2/NDF : 1149.5/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

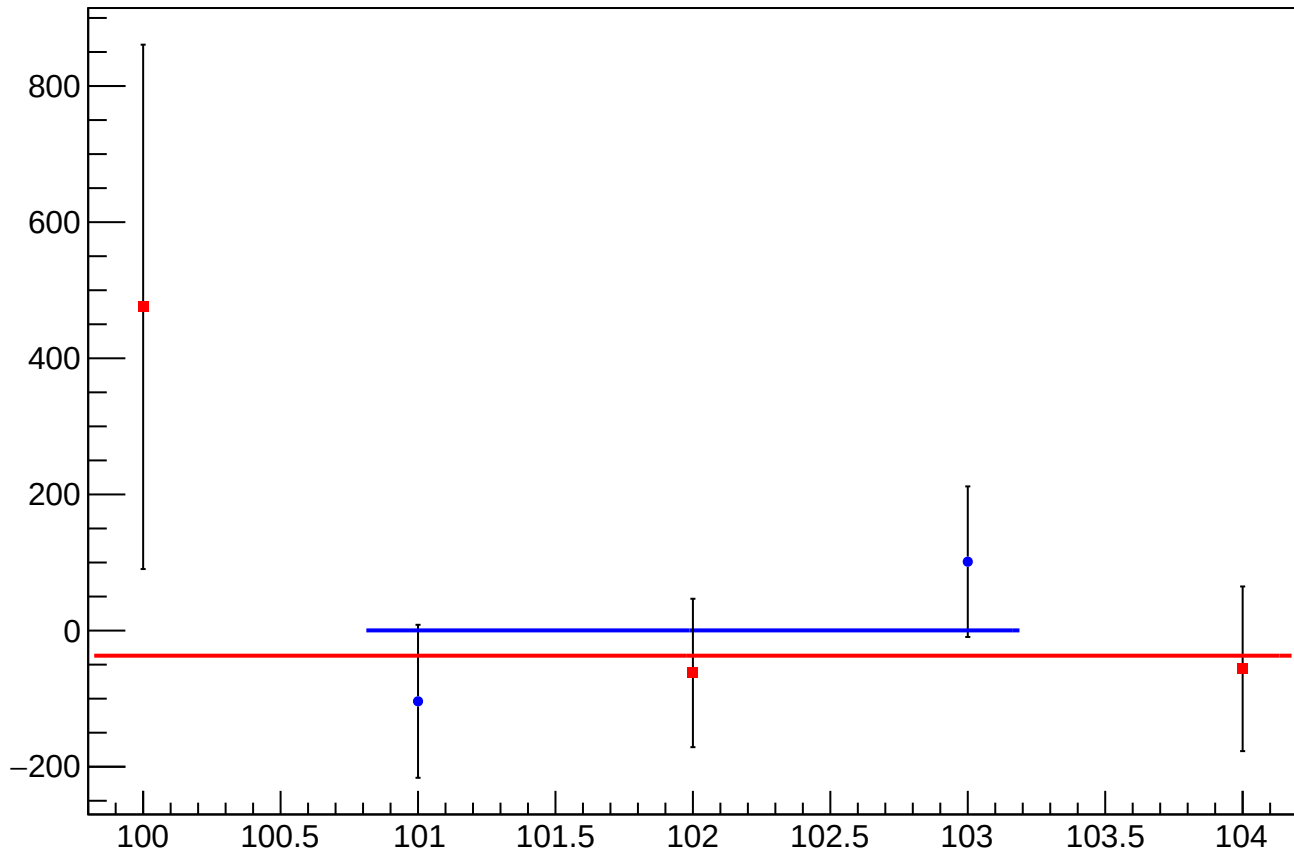
Right: 528.864 +/- 0.237 χ^2/NDF : 8120.7/4

In: 526.470 +/- 0.333 χ^2/NDF : 6865.8/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 528.864 +/- 0.237 χ^2/NDF : 8120.7/4

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: -36.861+/-79.243 χ^2 /NDF: 1.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

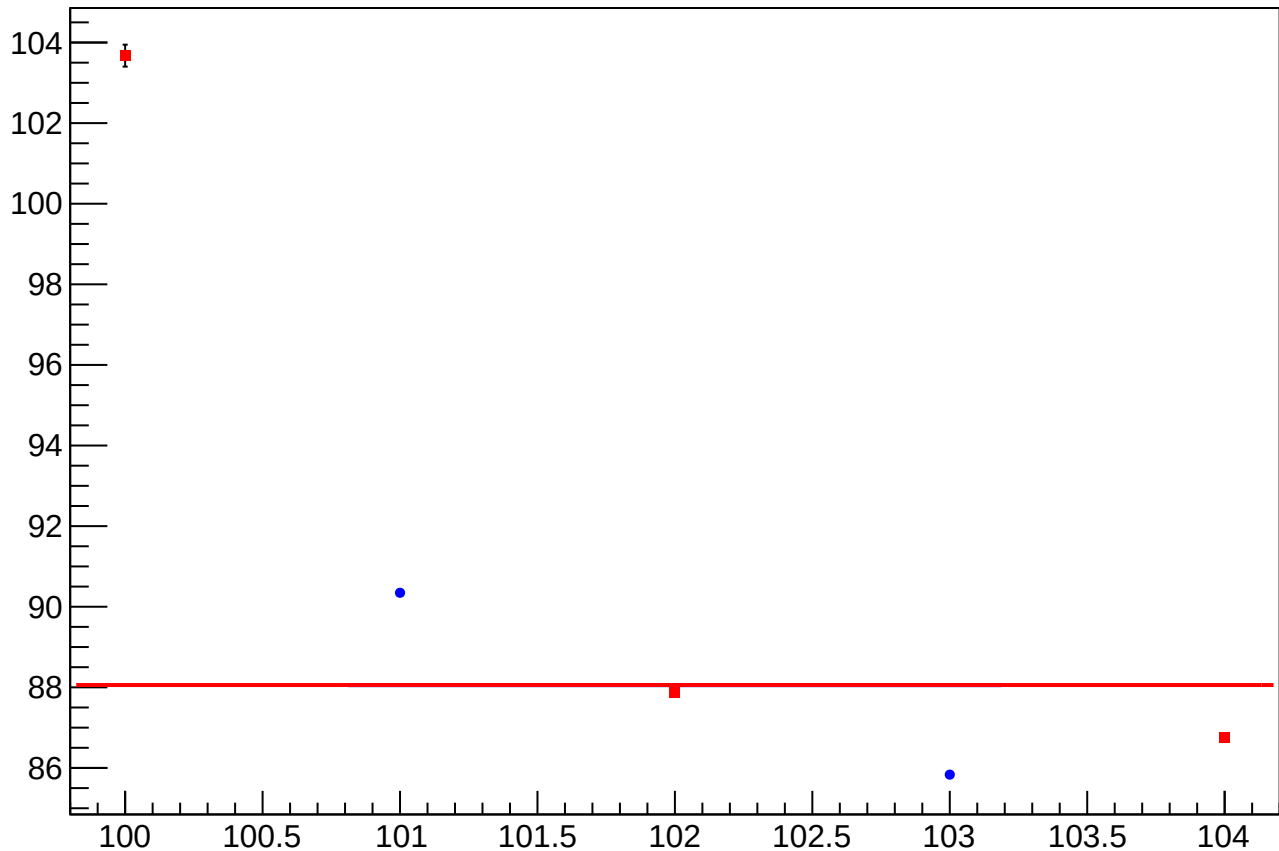
Right: -18.198+/-55.889 χ^2 /NDF: 3.7/4

In: 0.274+/-78.837 χ^2 /NDF:1.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -18.198+/-55.889 χ^2 /NDF: 3.7/4

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: 88.057+/-0.056 χ^2/NDF : 3526.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

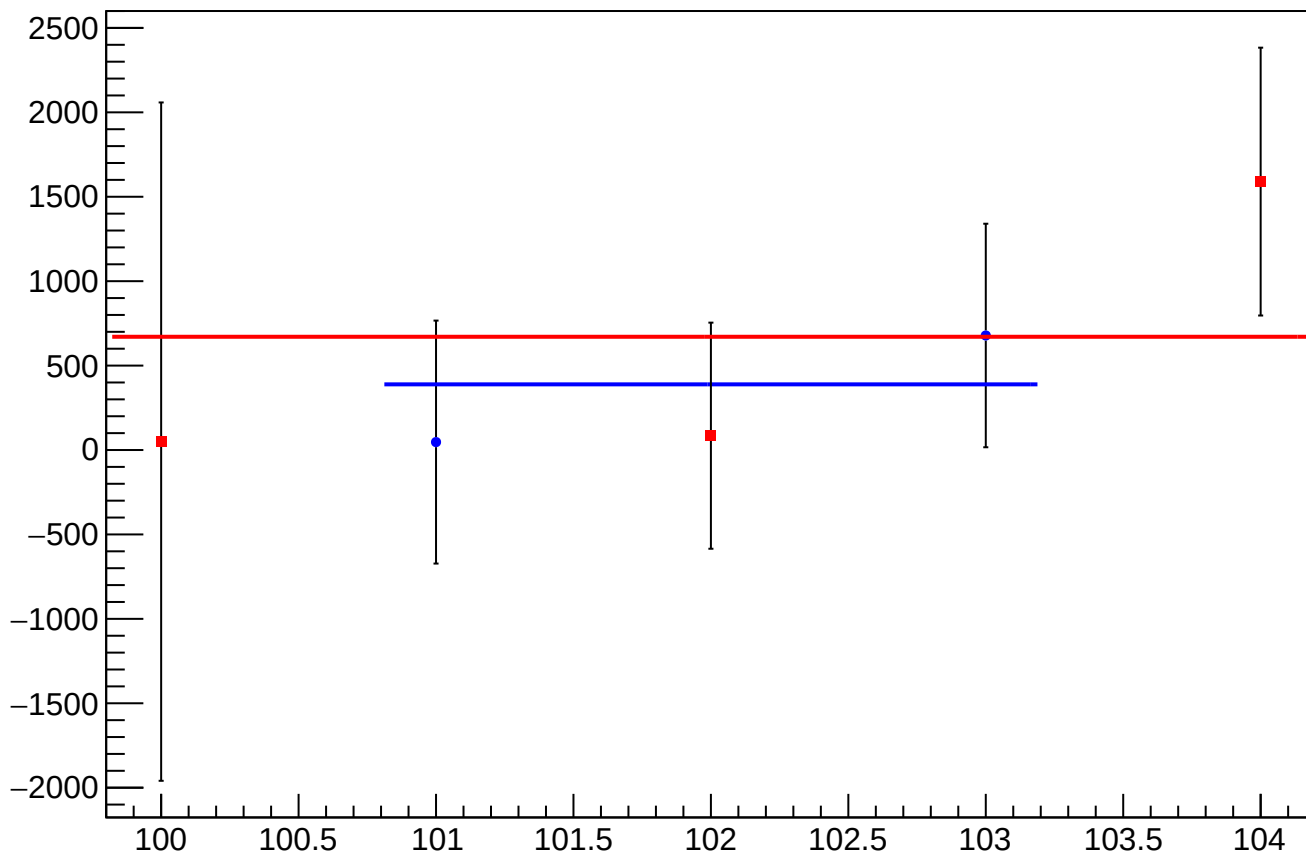
Right: 88.056+/-0.040 χ^2/NDF : 5164.5/4

In: 88.055+/-0.056 χ^2/NDF : 1637.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.056+/-0.040 χ^2/NDF : 5164.5/4

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.884 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.742 $\pm$ 495.841 χ^2 /NDF: 2.2/2

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

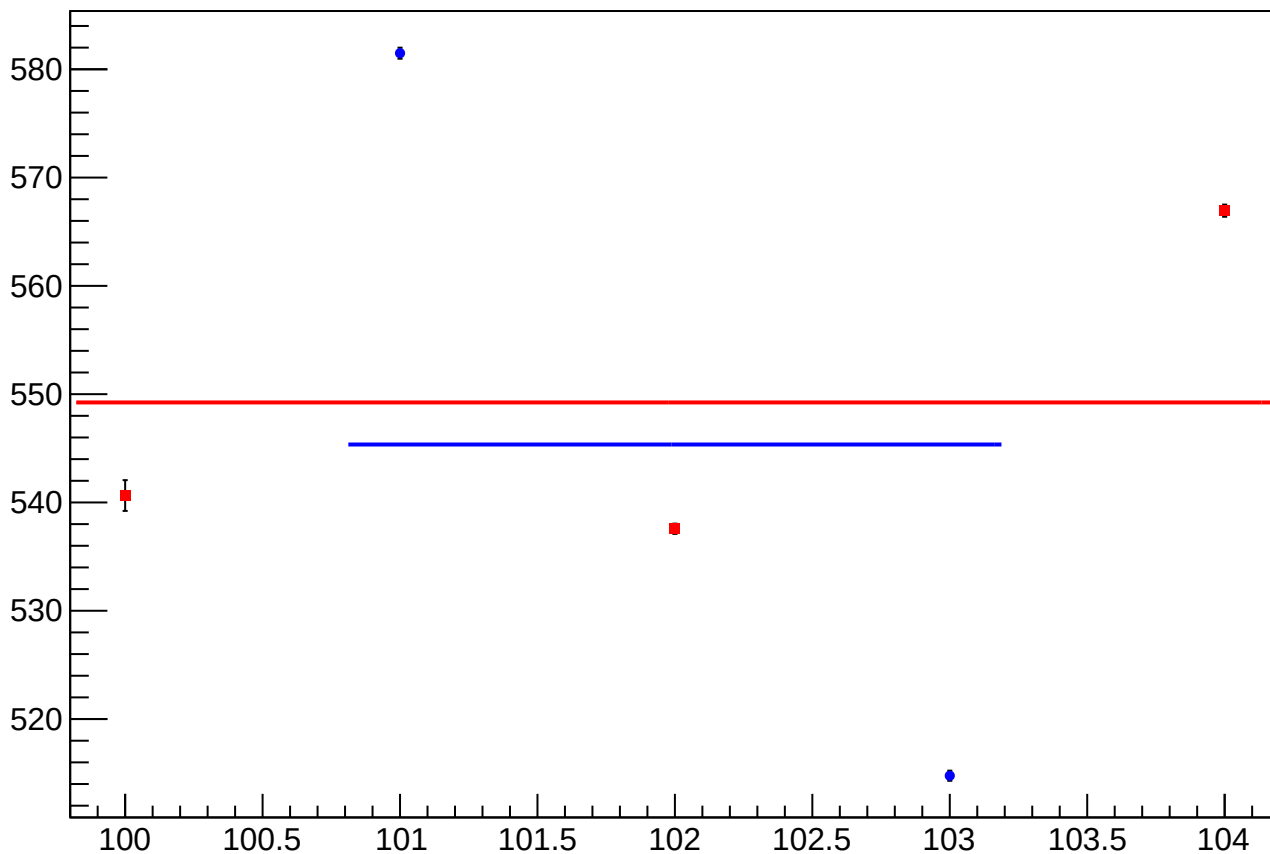
Right: 527.324 $\pm$ 347.502 χ^2 /NDF: 2.8/4

In: 388.884 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 527.324 $\pm$ 347.502 χ^2 /NDF: 2.8/4

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: 549.236 $\pm$ 0.351 χ^2 /NDF: 1640.4/2

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

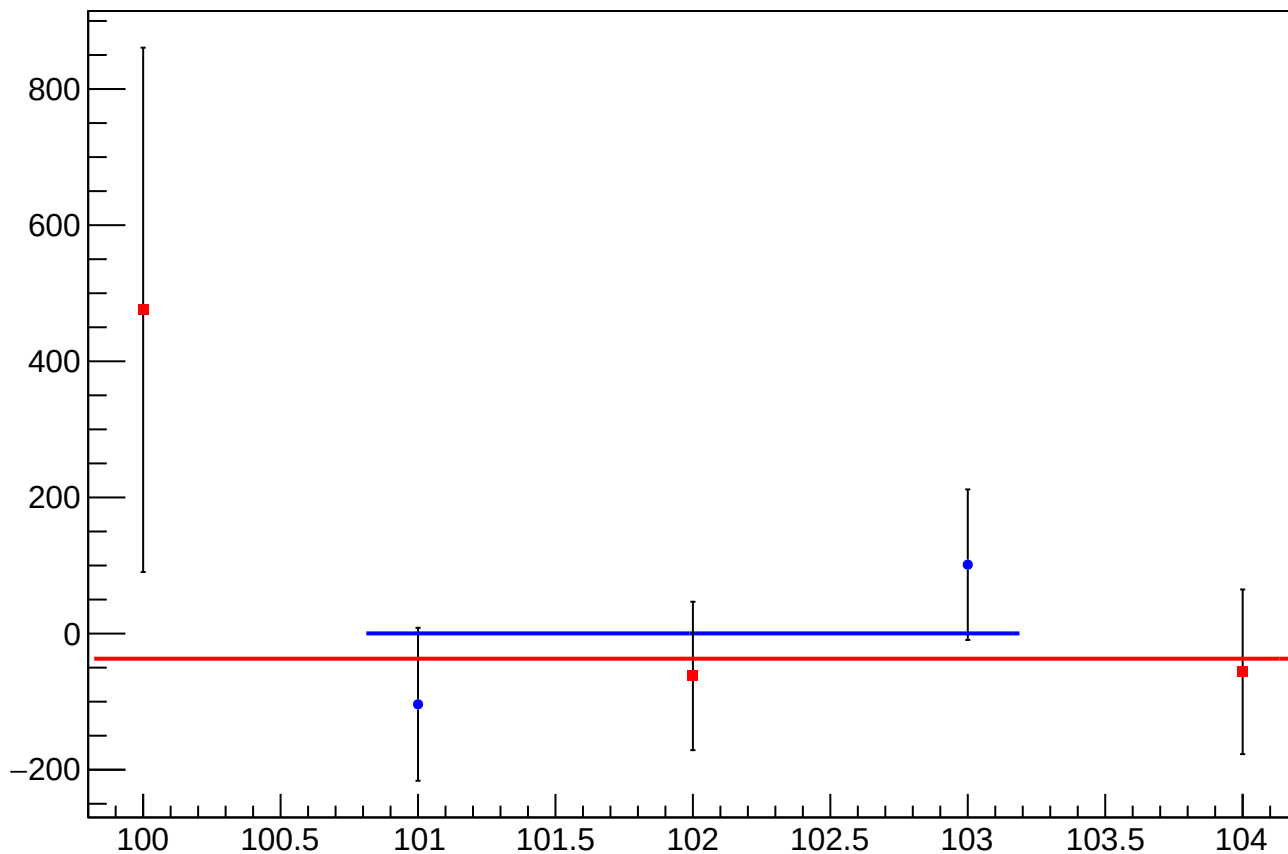
Right: 547.259 $\pm$ 0.246 χ^2 /NDF: 11016.7/4

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: 547.259 $\pm$ 0.246 χ^2 /NDF: 11016.7/4

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: -36.861+/-79.243 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

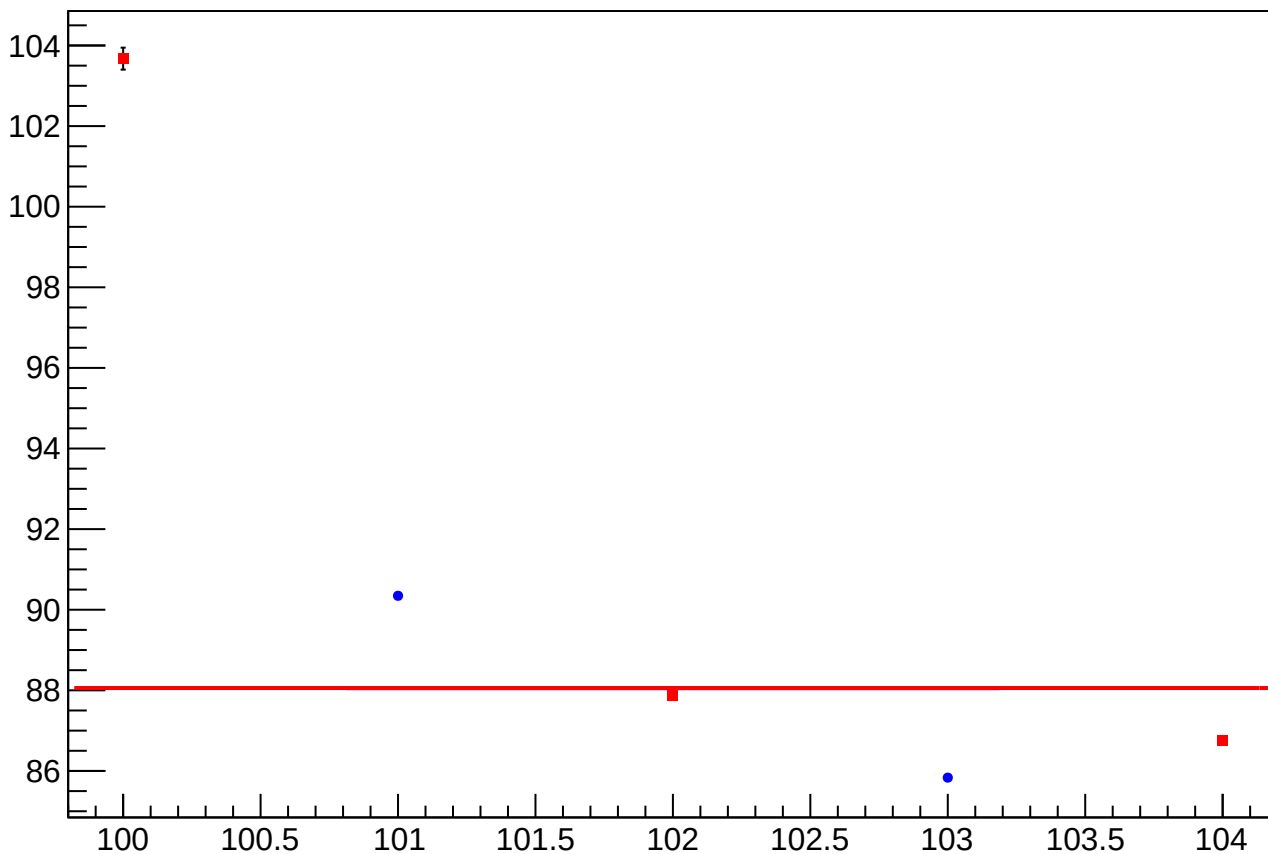
Right: -18.199+/-55.889 χ^2/NDF : 3.7/4

In: 0.272+/-78.837 χ^2/NDF : 1.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.199+/-55.889 χ^2/NDF : 3.7/4

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: 88.057+/-0.056 χ^2/NDF : 3526.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

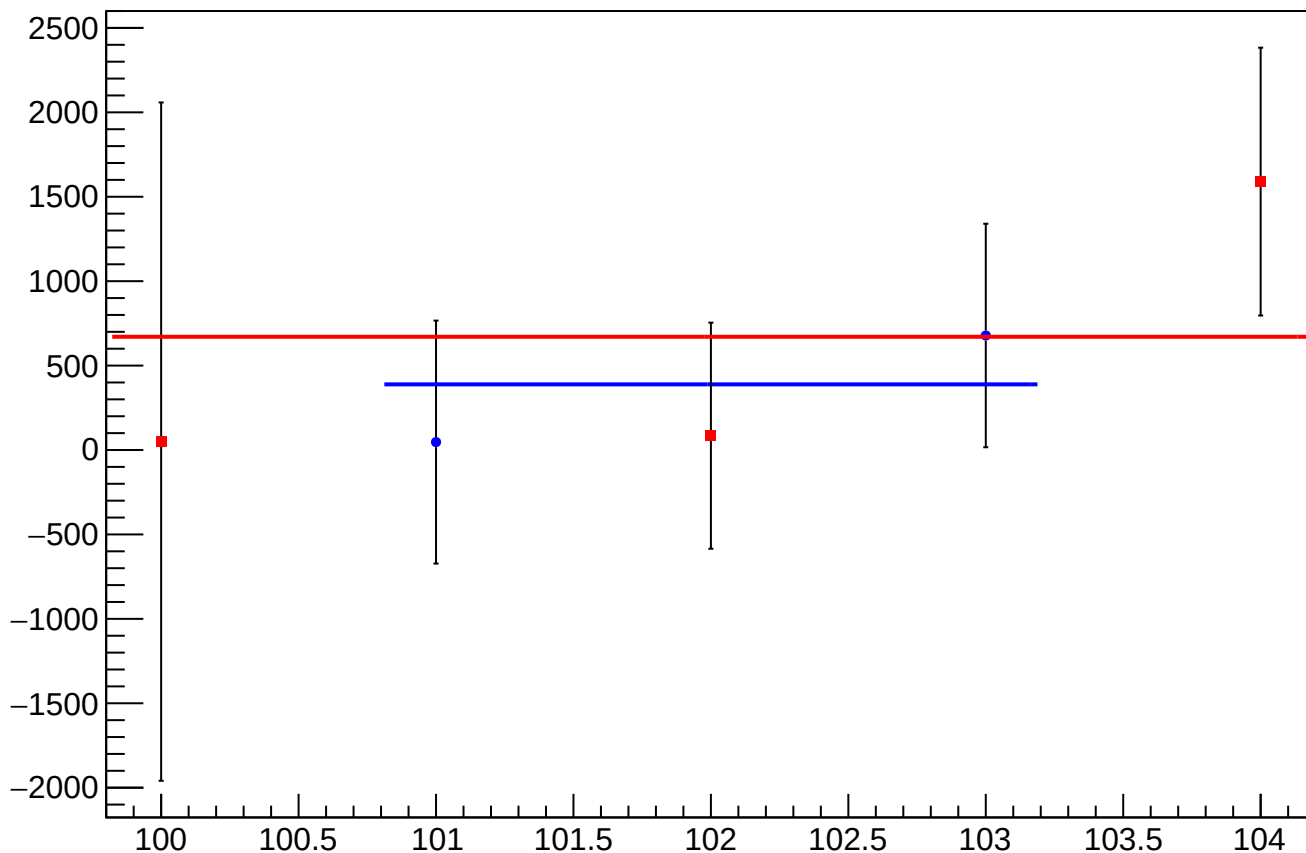
Right: 88.056+/-0.040 χ^2/NDF : 5164.0/4

In: 88.054+/-0.056 χ^2/NDF : 1637.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.056+/-0.040 χ^2/NDF : 5164.0/4

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 388.882 $\pm$ 487.159 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 670.742 $\pm$ 495.840 χ^2 /NDF: 2.2/2

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

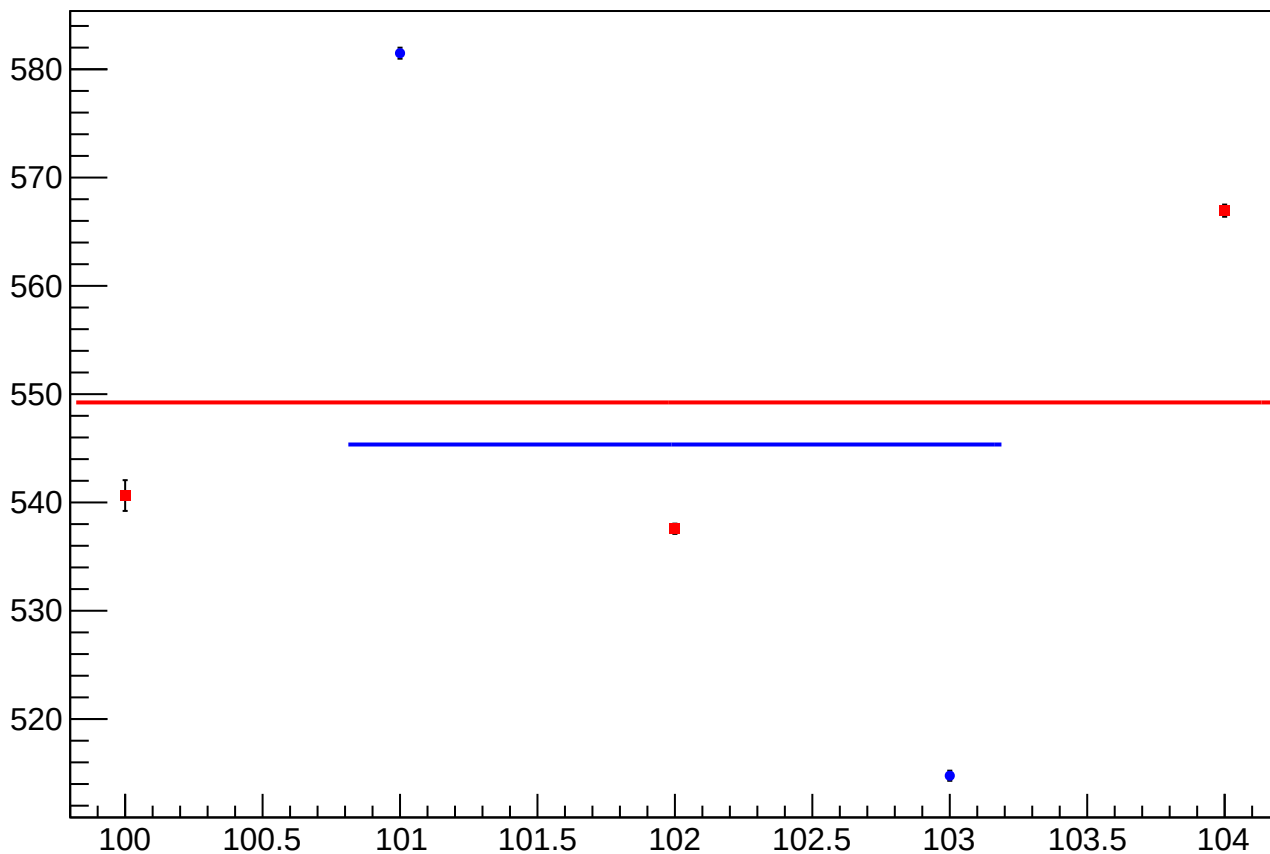
Right: 527.323 $\pm$ 347.502 χ^2 /NDF: 2.8/4

In: 388.882 $\pm$ 487.159 χ^2 /NDF:0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 527.323 $\pm$ 347.502 χ^2 /NDF: 2.8/4

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 545.351 ± 0.344 $\chi^2/\text{NDF}: 9313.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 549.235 ± 0.351 $\chi^2/\text{NDF}: 1640.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

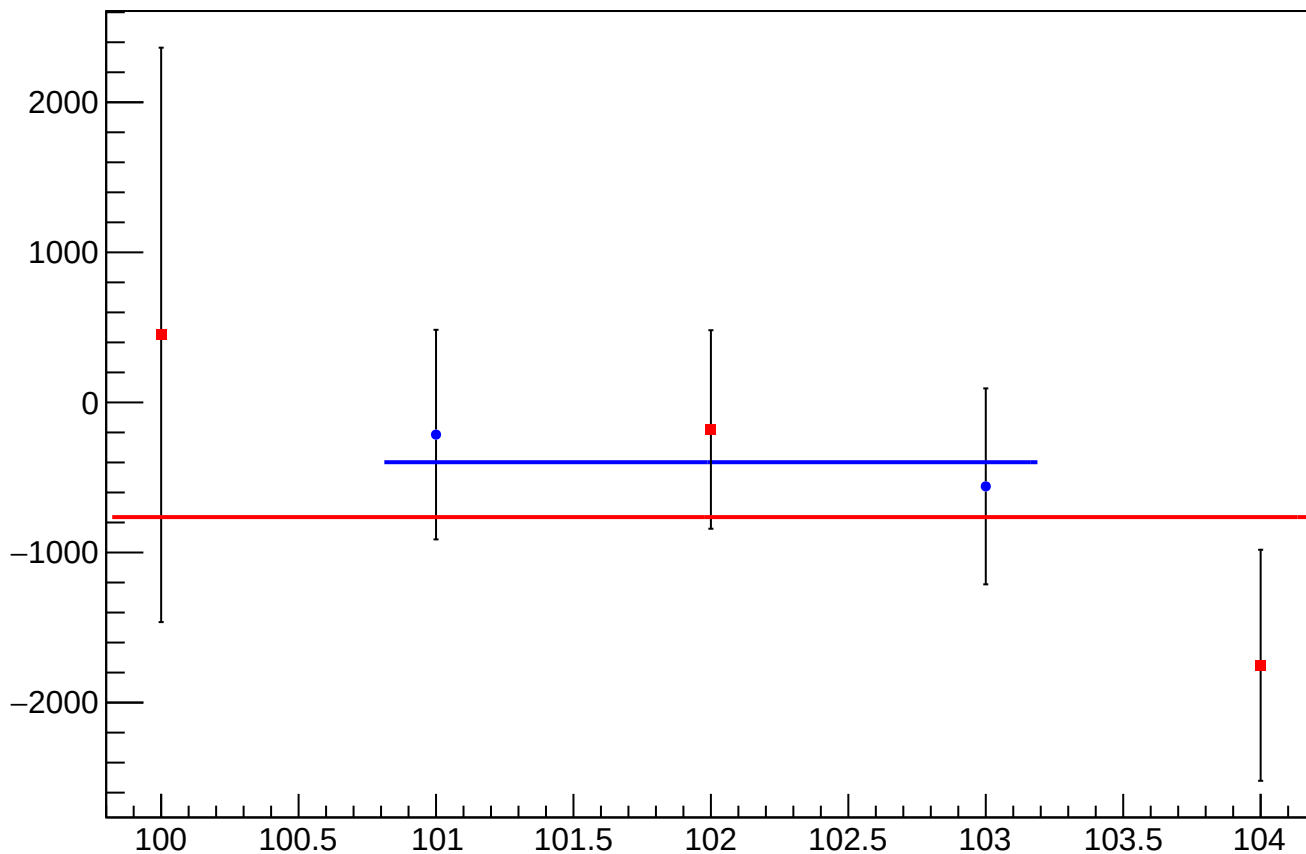
Right: 547.259 ± 0.246 $\chi^2/\text{NDF}: 11016.6/4$

In: 545.351 ± 0.344 $\chi^2/\text{NDF}: 9313.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 547.259 ± 0.246 $\chi^2/\text{NDF}: 11016.6/4$

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: -763.984+/-485.252 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

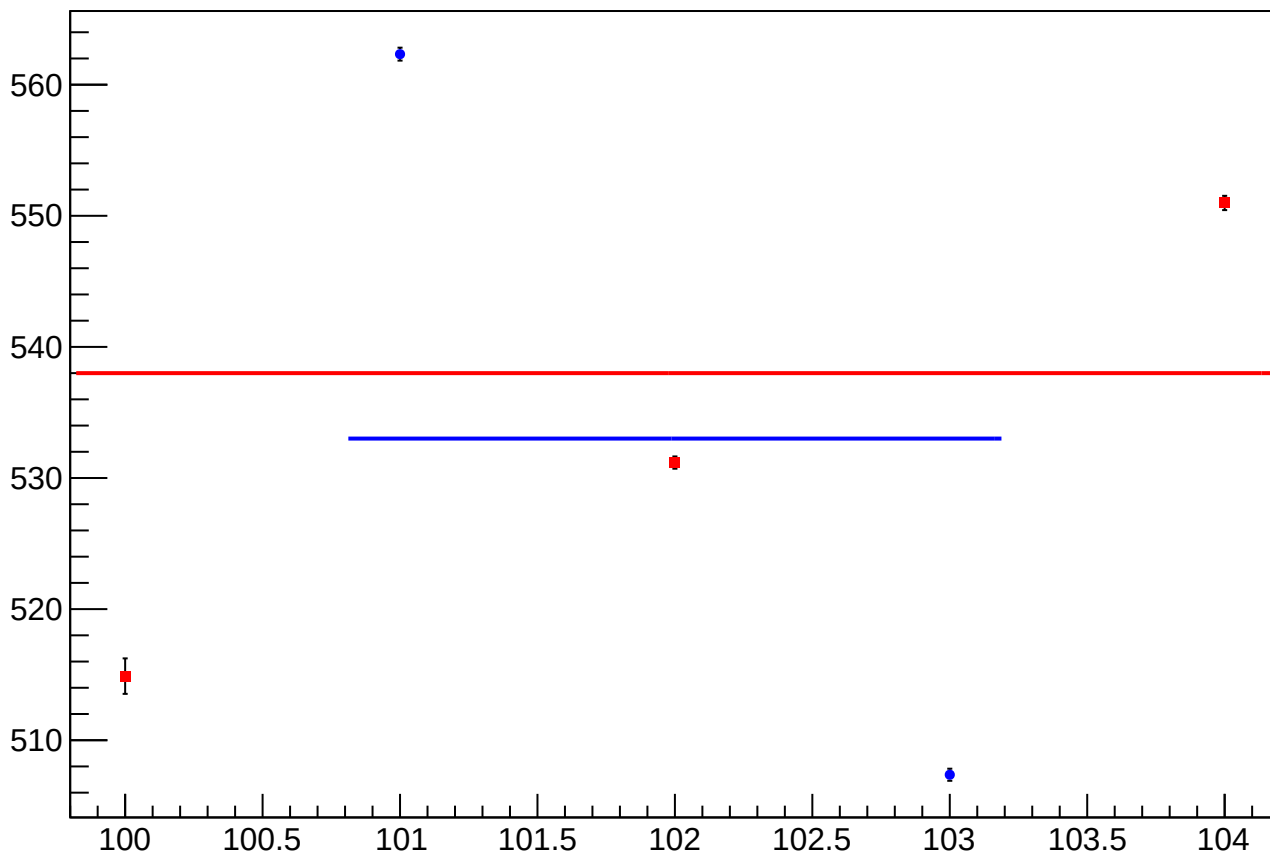
Right: -577.980+/-340.124 χ^2/NDF : 3.2/4

In: -398.343+/-476.874 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -577.980+/-340.124 χ^2/NDF : 3.2/4

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: 537.999 $\pm$ 0.343 χ^2 /NDF: 1073.1/2

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

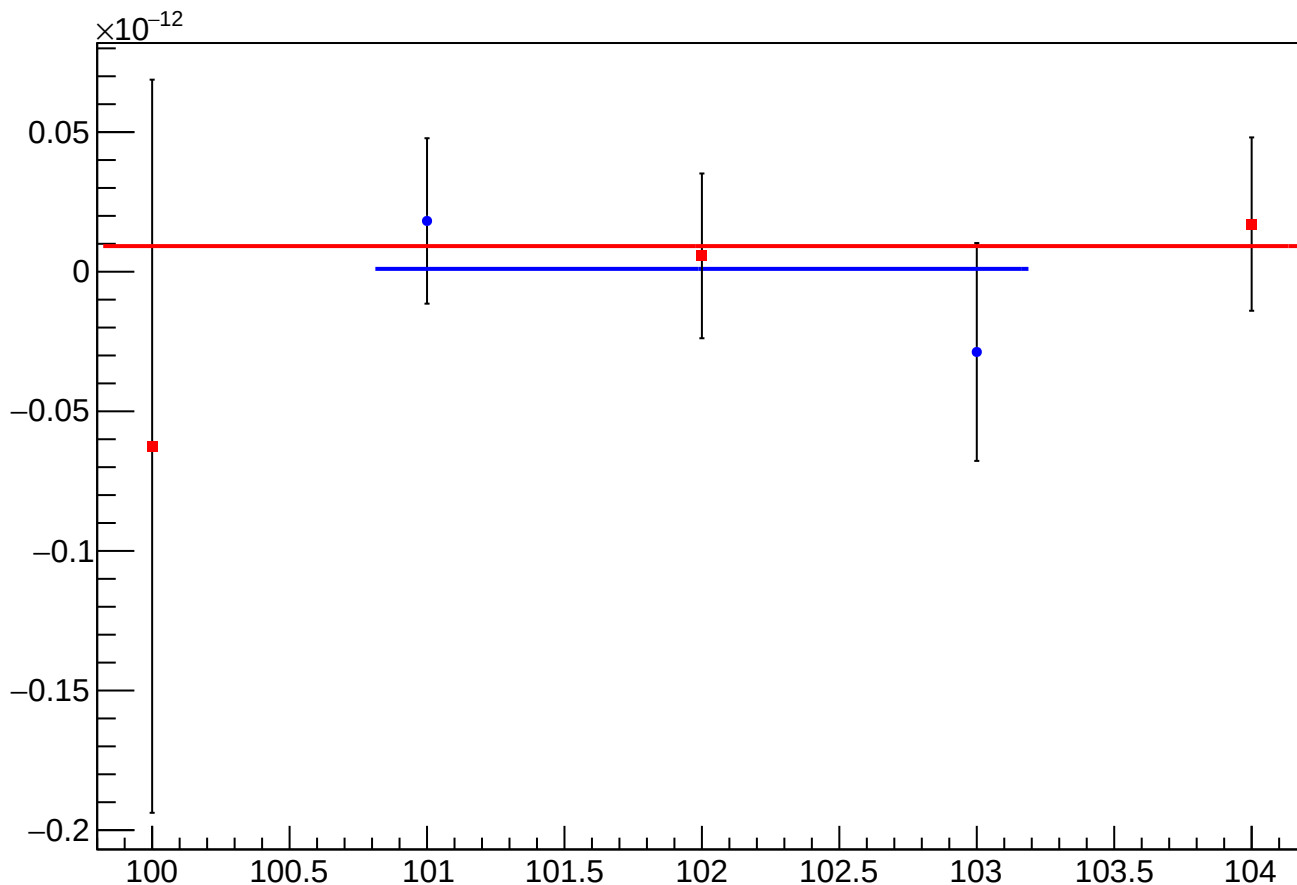
Right: 535.460 $\pm$ 0.241 χ^2 /NDF: 7793.2/4

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: 535.460 $\pm$ 0.241 χ^2 /NDF: 7793.2/4

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 : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

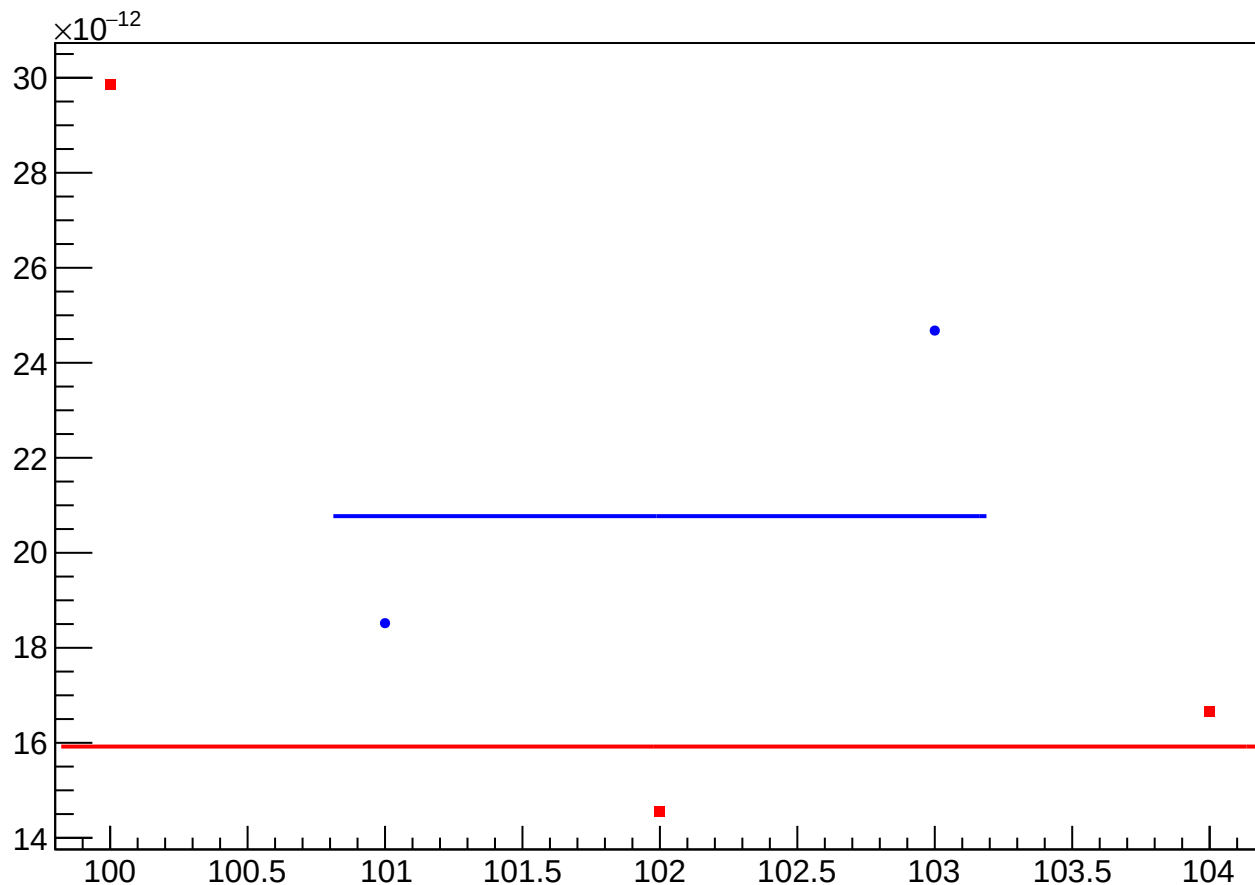
Right: 0.000+/-0.000 χ^2/NDF : 1.4/4

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 : 1.4/4

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 : 28040.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

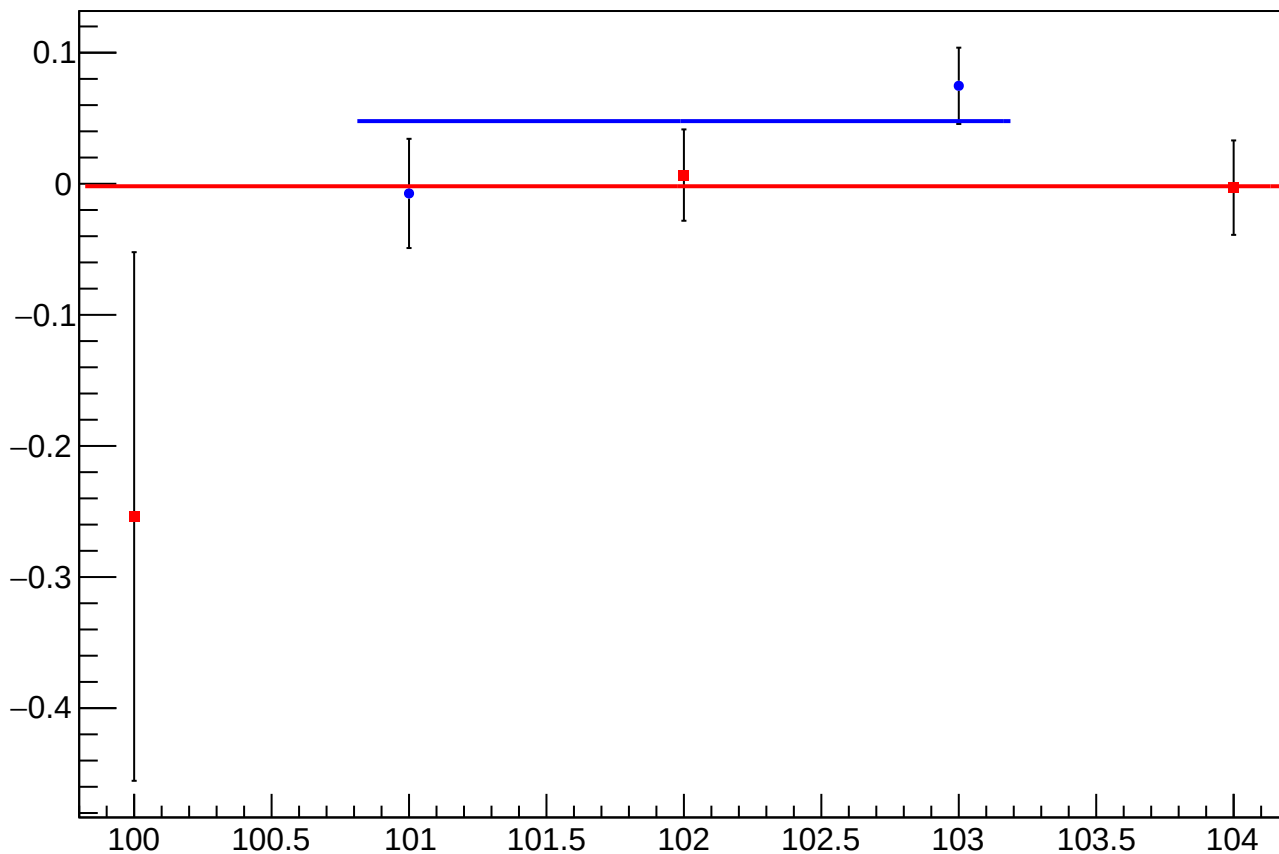
Right: 0.000+/-0.000 χ^2/NDF : 106601.7/4

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 : 106601.7/4

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: -0.002 $\pm$ 0.025 χ^2 /NDF: 1.6/2

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

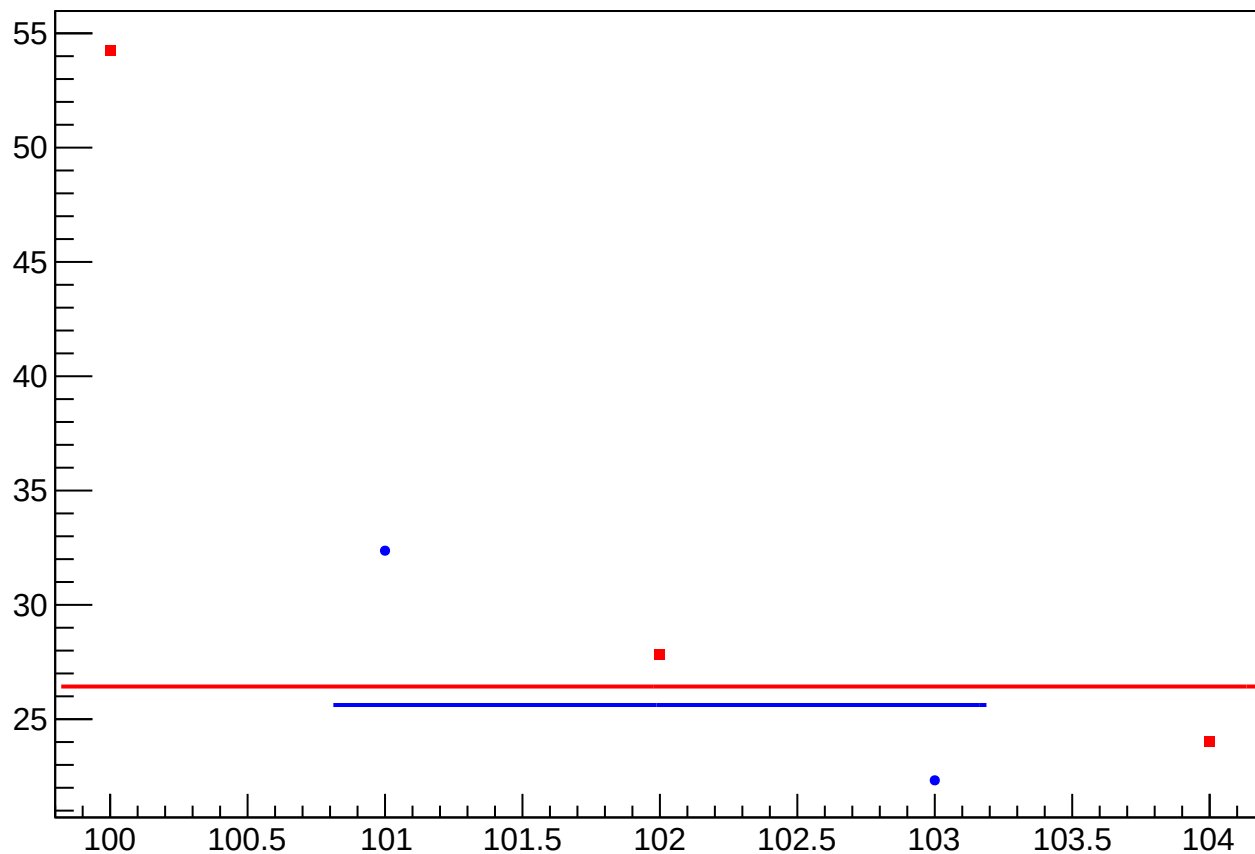
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

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: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78146.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.428 $\pm$ 0.018 χ^2 /NDF: 50045.8/2

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

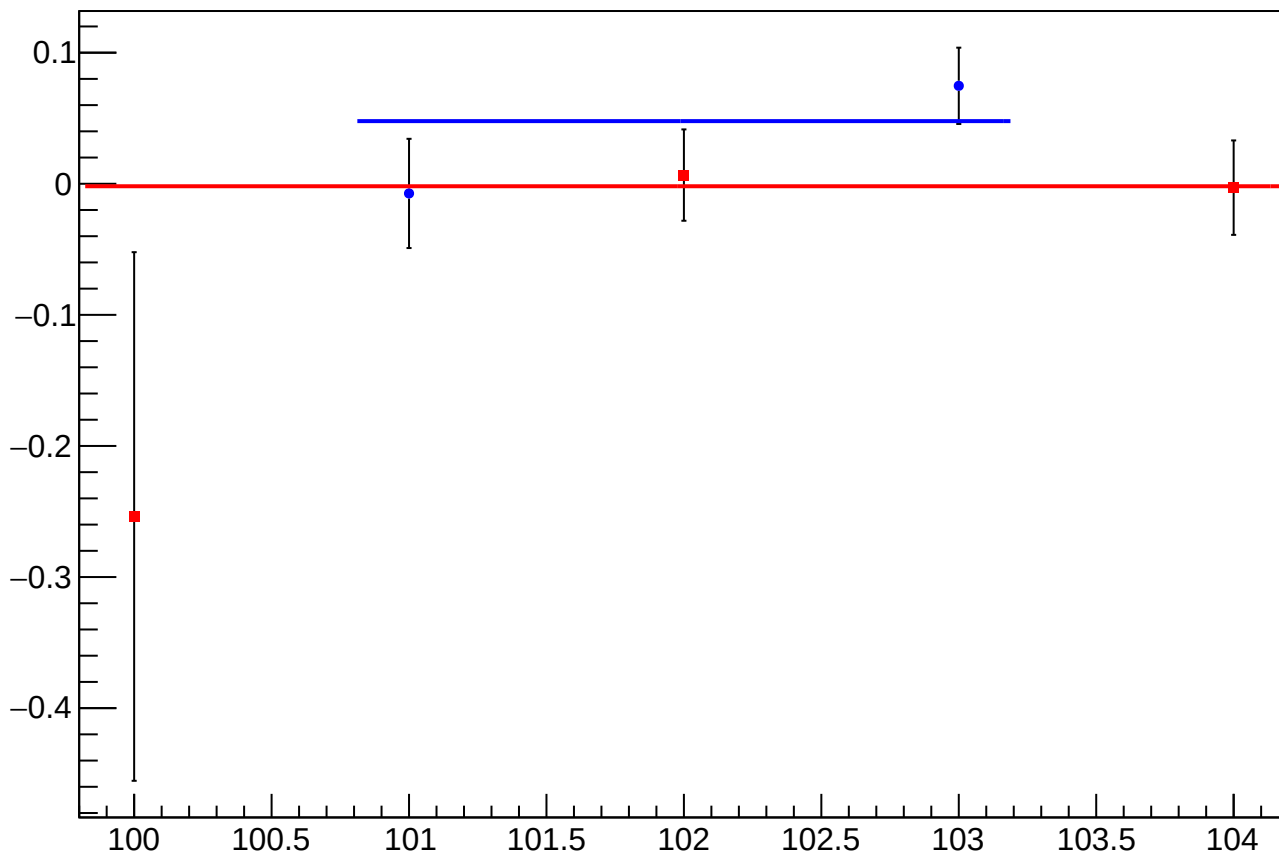
Right: 26.008 $\pm$ 0.012 χ^2 /NDF: 129293.2/4

In: 25.620 $\pm$ 0.017 χ^2 /NDF:78146.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.008 $\pm$ 0.012 χ^2 /NDF: 129293.2/4

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.024 χ^2/NDF : 2.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.025 χ^2/NDF : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

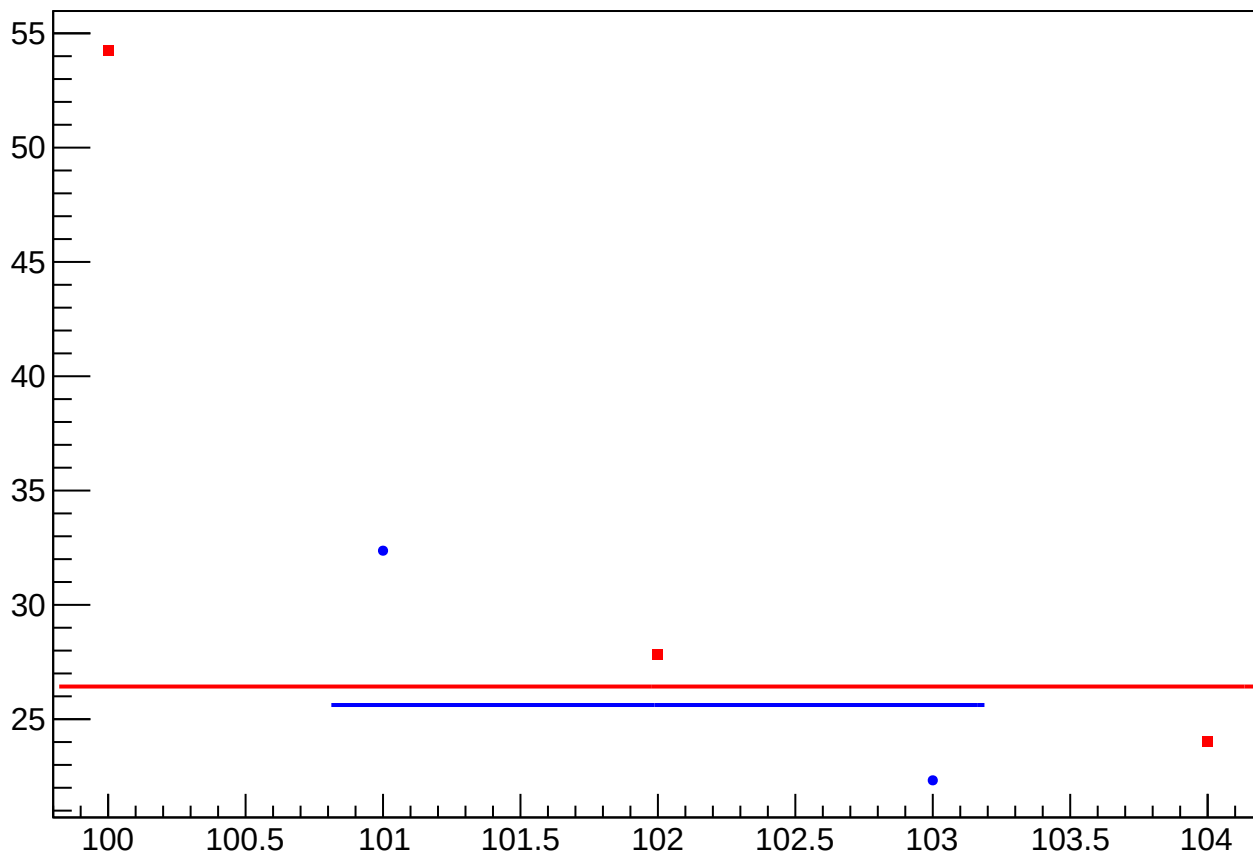
Right: 0.024+/-0.017 χ^2/NDF : 6.3/4

In: 0.048+/-0.024 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.017 χ^2/NDF : 6.3/4

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78146.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.428 $\pm$ 0.018 χ^2 /NDF: 50045.8/2

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

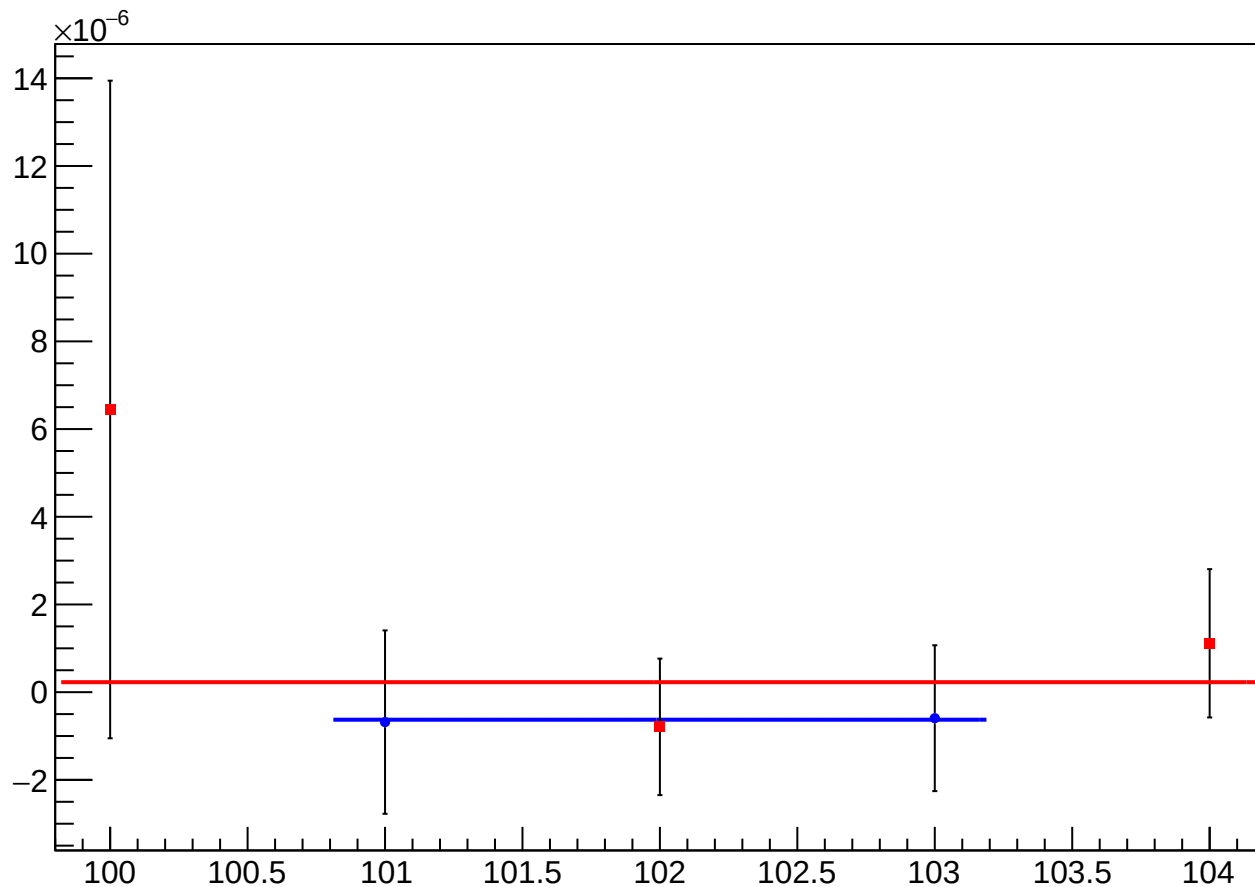
Right: 26.008 $\pm$ 0.012 χ^2 /NDF: 129293.2/4

In: 25.620 $\pm$ 0.017 χ^2 /NDF:78146.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.008 $\pm$ 0.012 χ^2 /NDF: 129293.2/4

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 : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

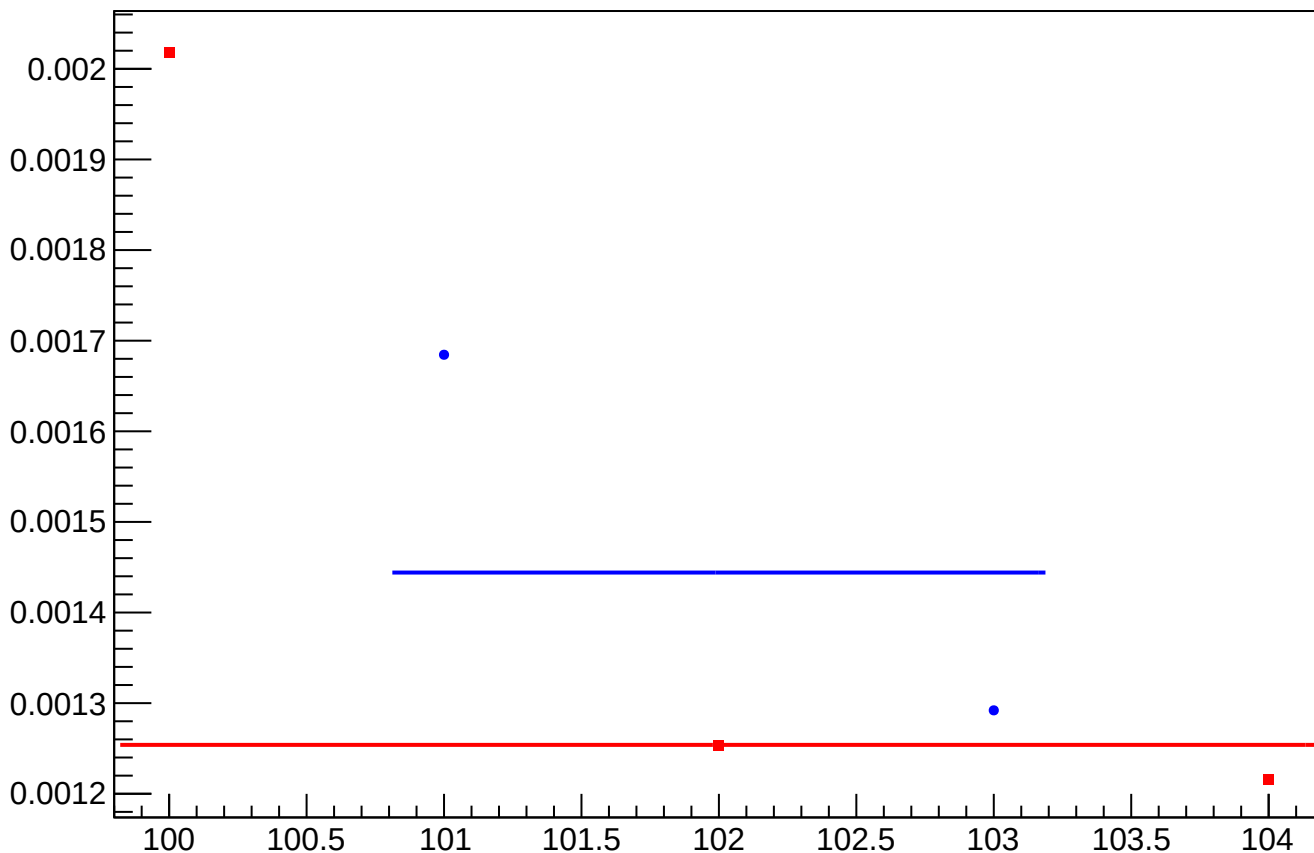
Right: -0.000+/-0.000 χ^2/NDF : 1.6/4

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 : 1.6/4

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 : 21801.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

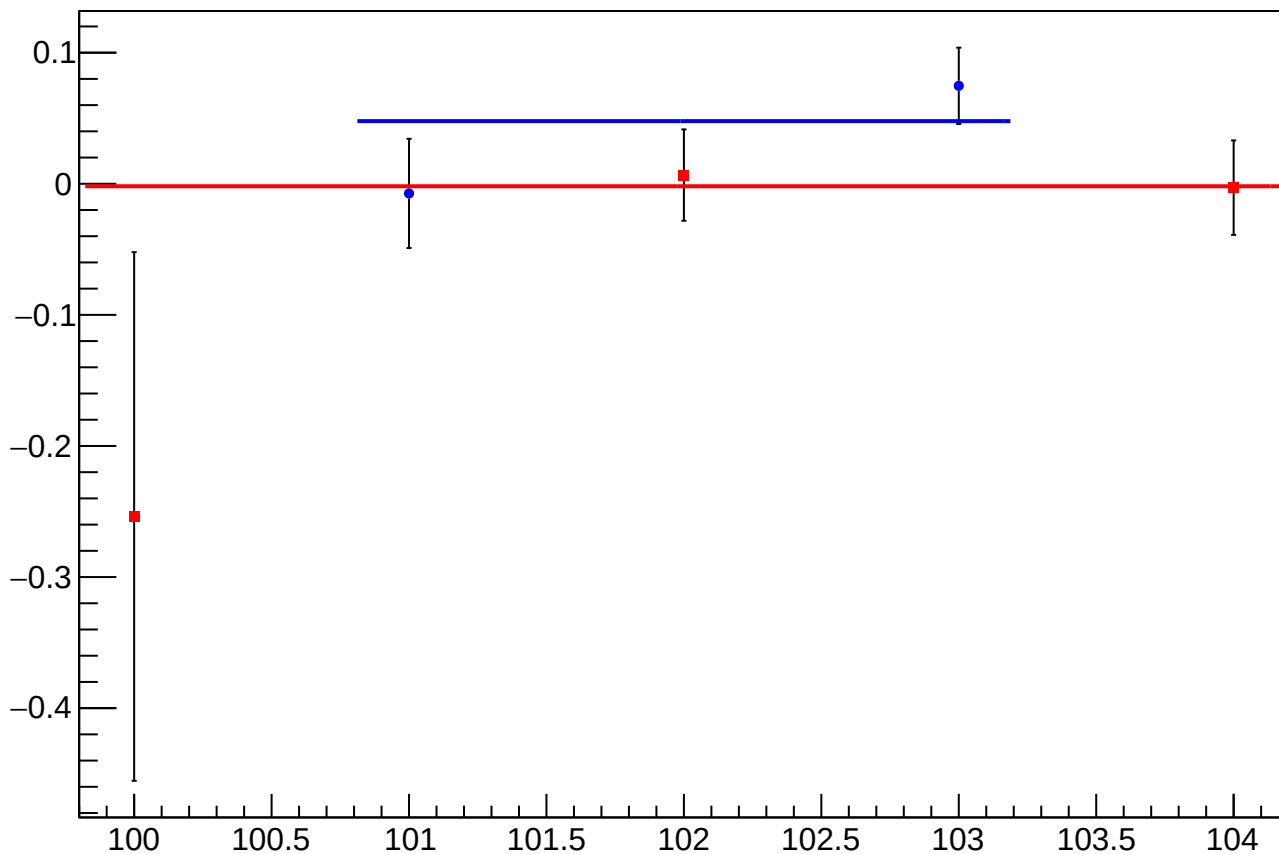
Right: 0.001+/-0.000 χ^2/NDF : 89251.9/4

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 : 89251.9/4

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: -0.002 $\pm$ 0.025 χ^2 /NDF: 1.6/2

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

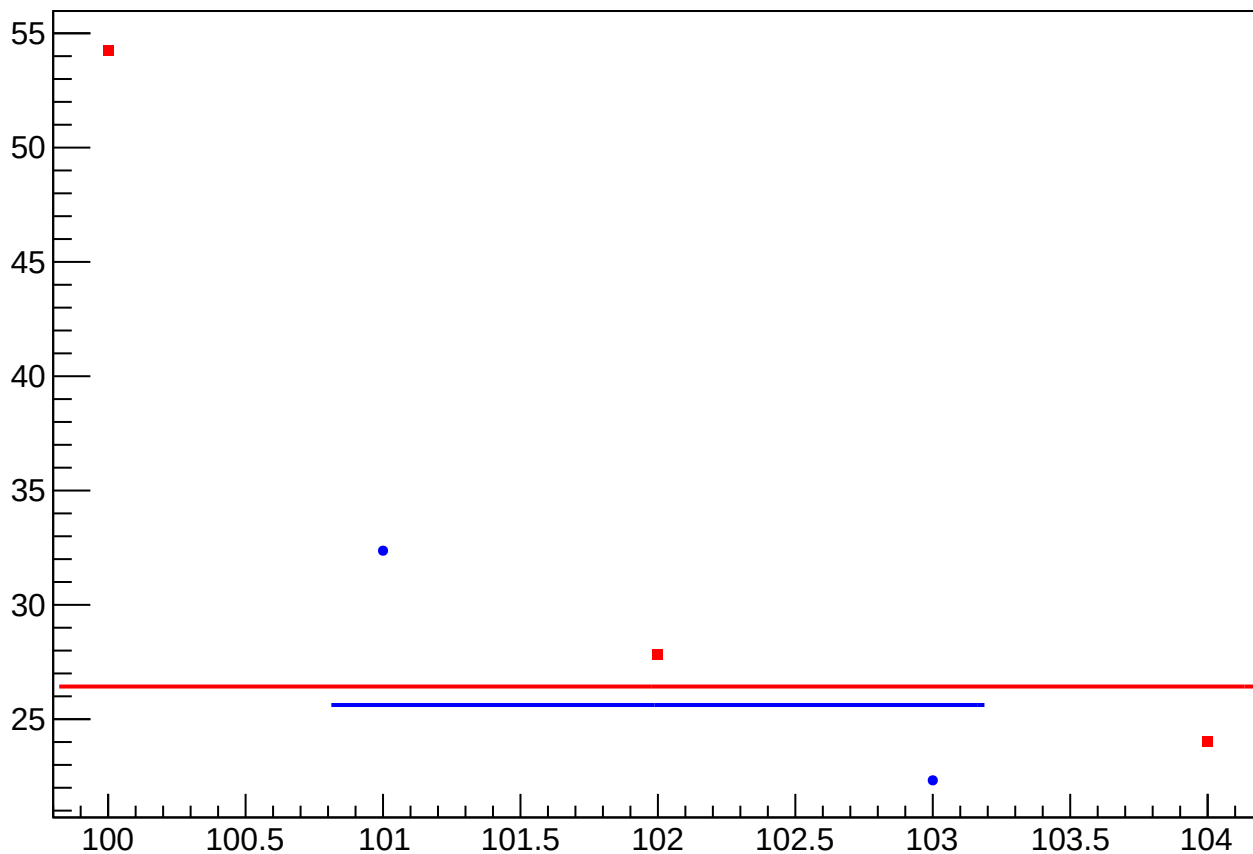
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

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: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78137.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.428 $\pm$ 0.018 χ^2 /NDF: 50048.6/2

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

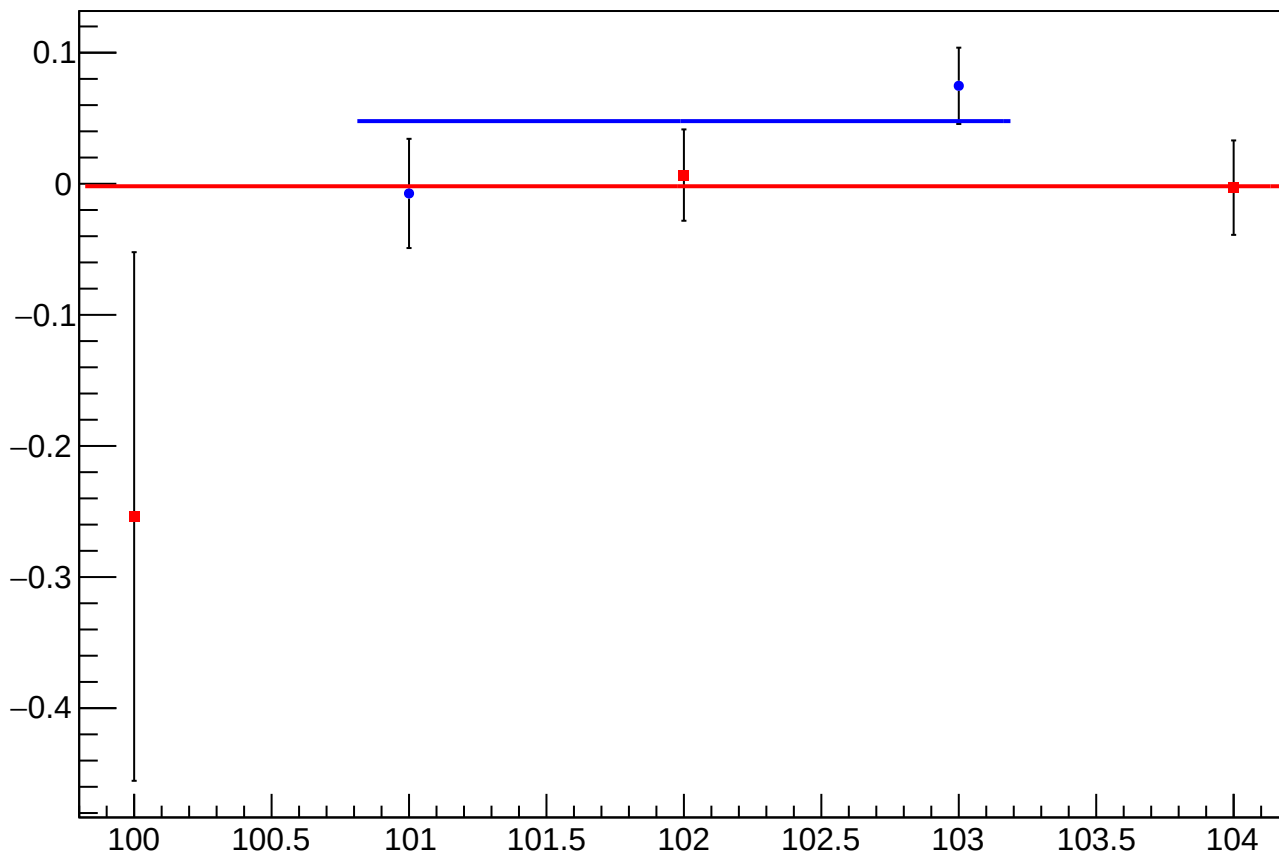
Right: 26.007 $\pm$ 0.012 χ^2 /NDF: 129287.0/4

In: 25.620 $\pm$ 0.017 χ^2 /NDF:78137.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.007 $\pm$ 0.012 χ^2 /NDF: 129287.0/4

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: -0.002 $\pm$ 0.025 χ^2 /NDF: 1.6/2

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

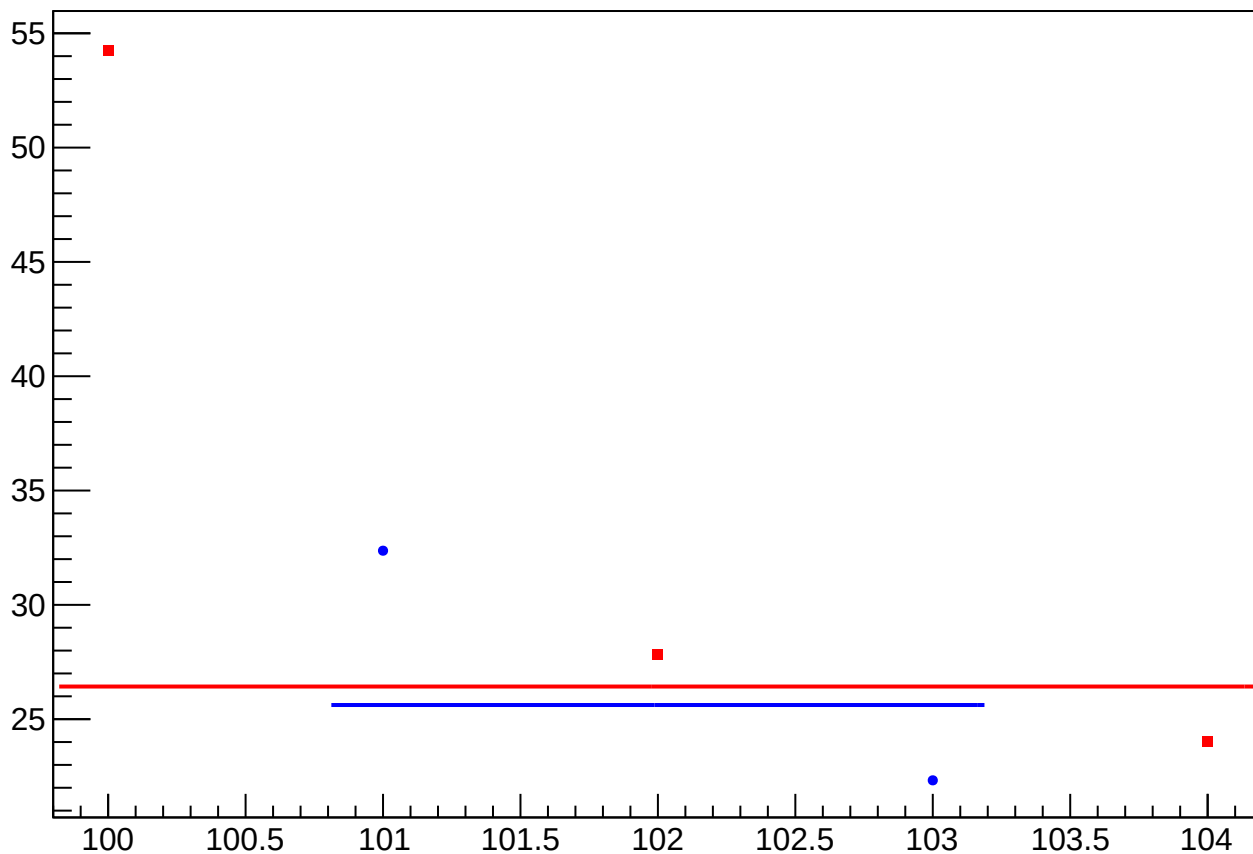
Right: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

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: 0.024 $\pm$ 0.017 χ^2 /NDF: 6.3/4

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.620 $\pm$ 0.017 χ^2 /NDF: 78137.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 26.428 $\pm$ 0.018 χ^2 /NDF: 50048.6/2

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

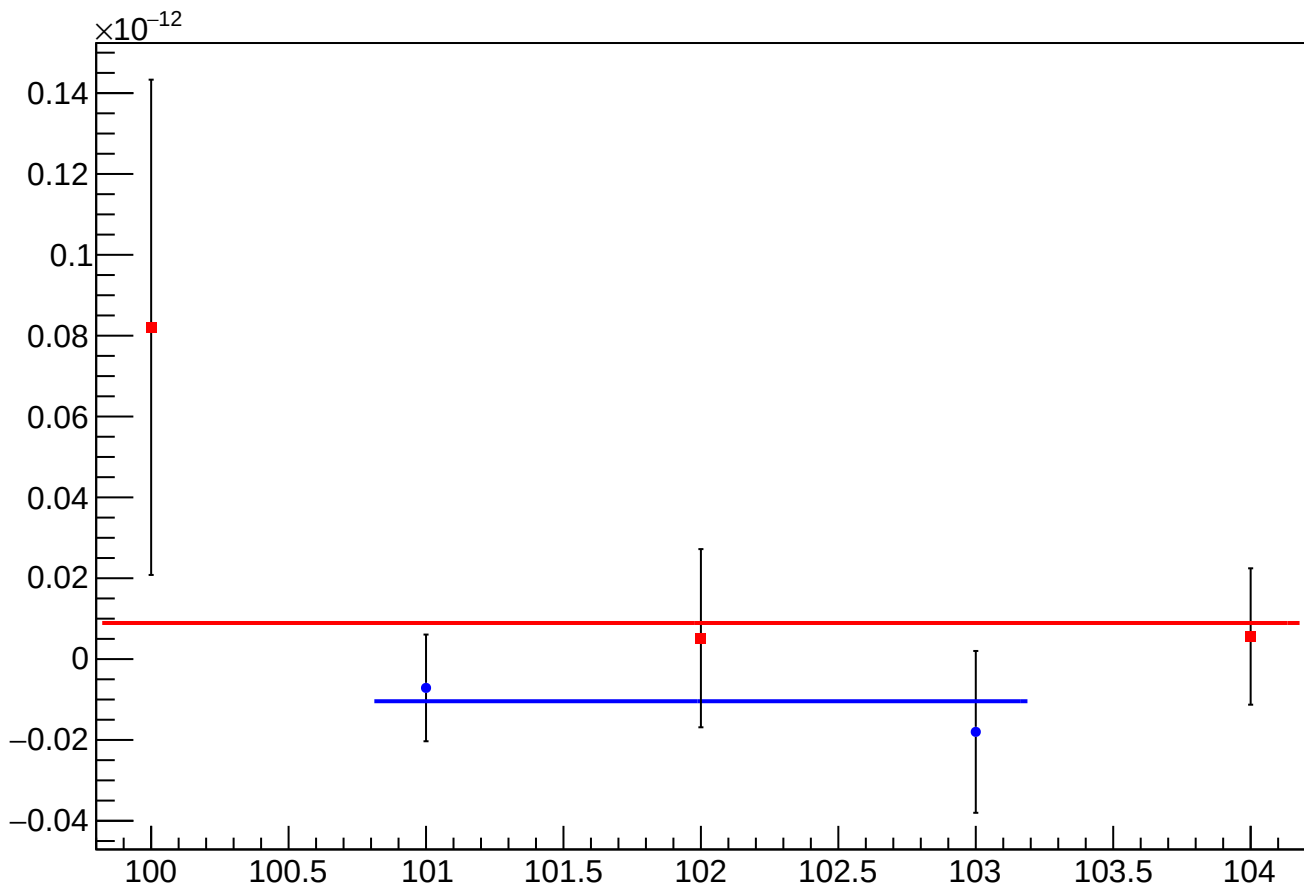
Right: 26.007 $\pm$ 0.012 χ^2 /NDF: 129287.0/4

In: 25.620 $\pm$ 0.017 χ^2 /NDF:78137.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.007 $\pm$ 0.012 χ^2 /NDF: 129287.0/4

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 : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

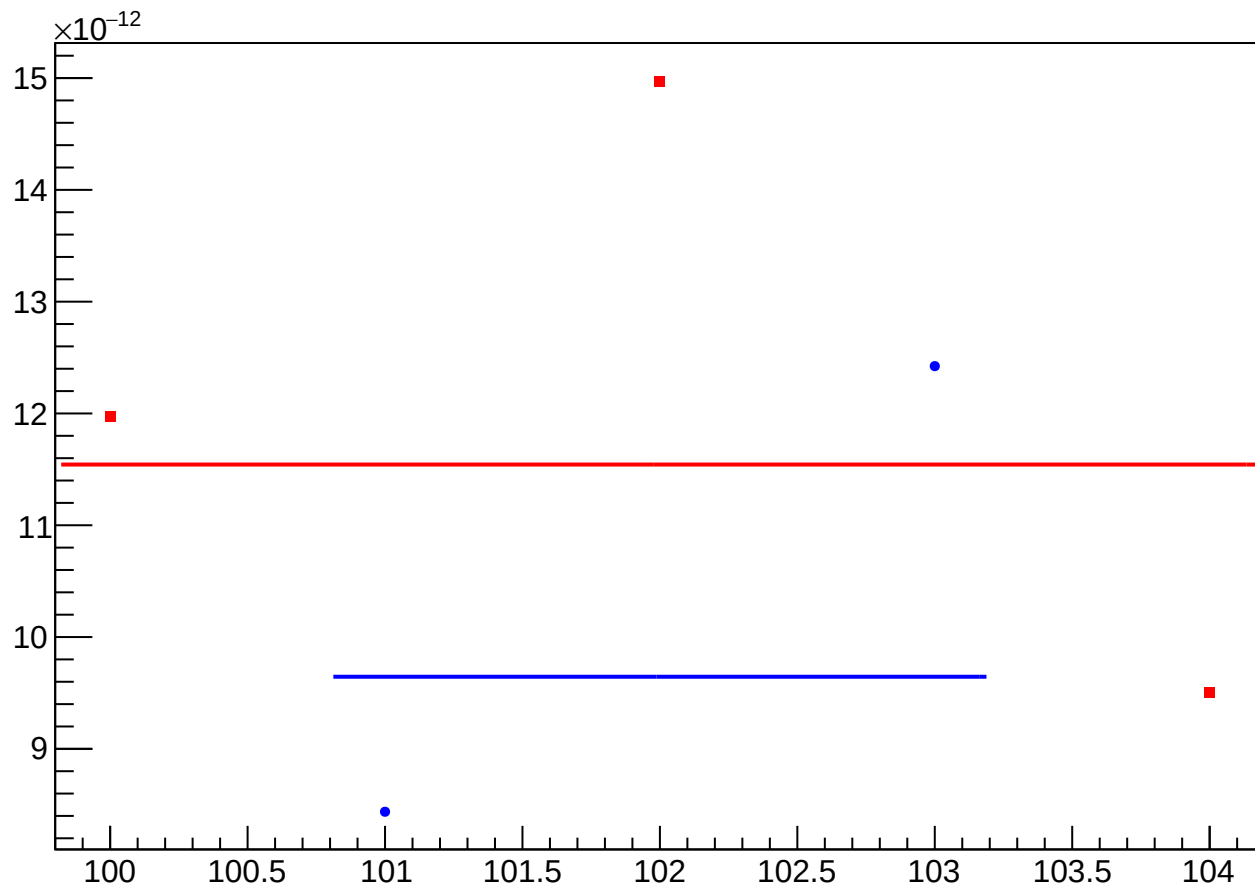
Right: -0.000+/-0.000 χ^2/NDF : 3.0/4

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 : 3.0/4

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 : 77714.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

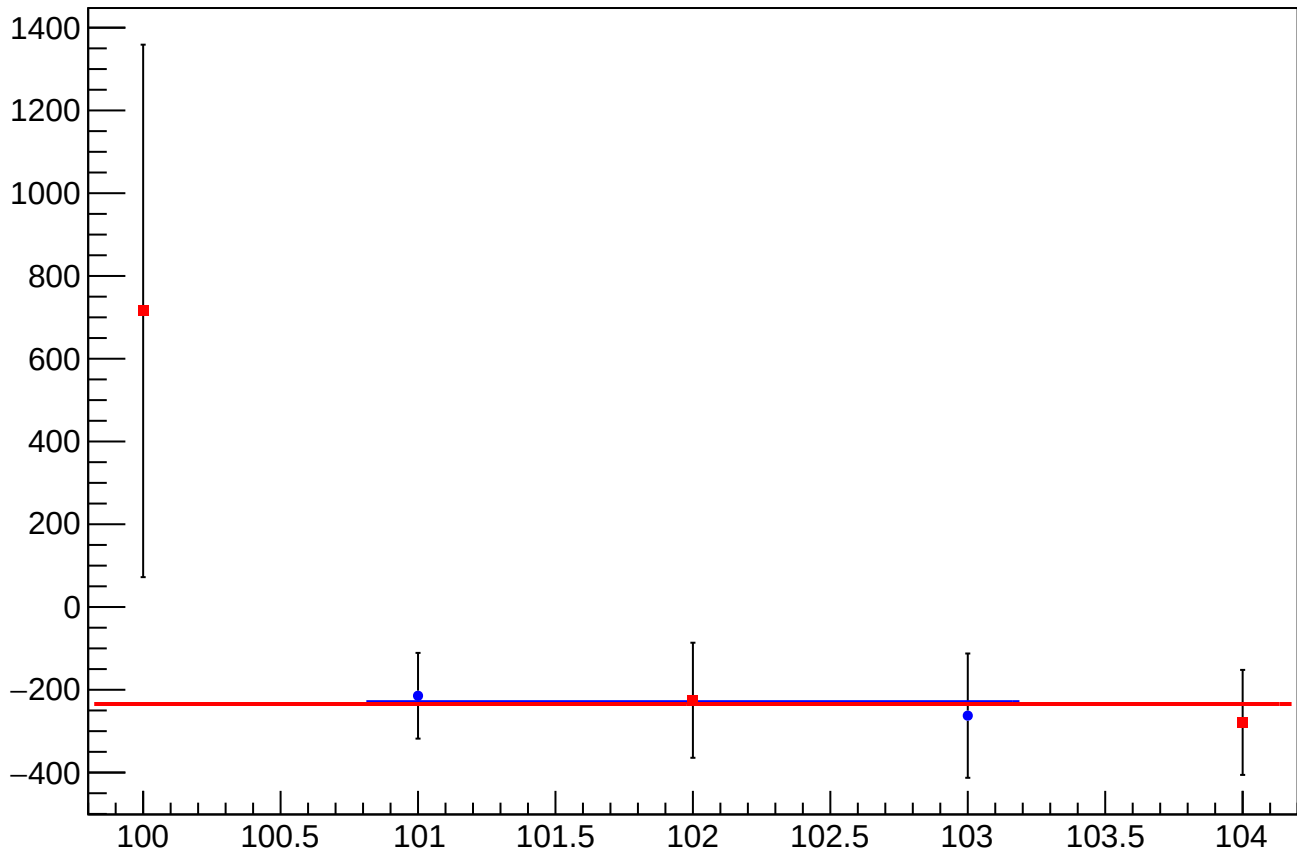
Right: 0.000+/-0.000 χ^2/NDF : 157633.0/4

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 : 157633.0/4

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: -234.374+/-92.742 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

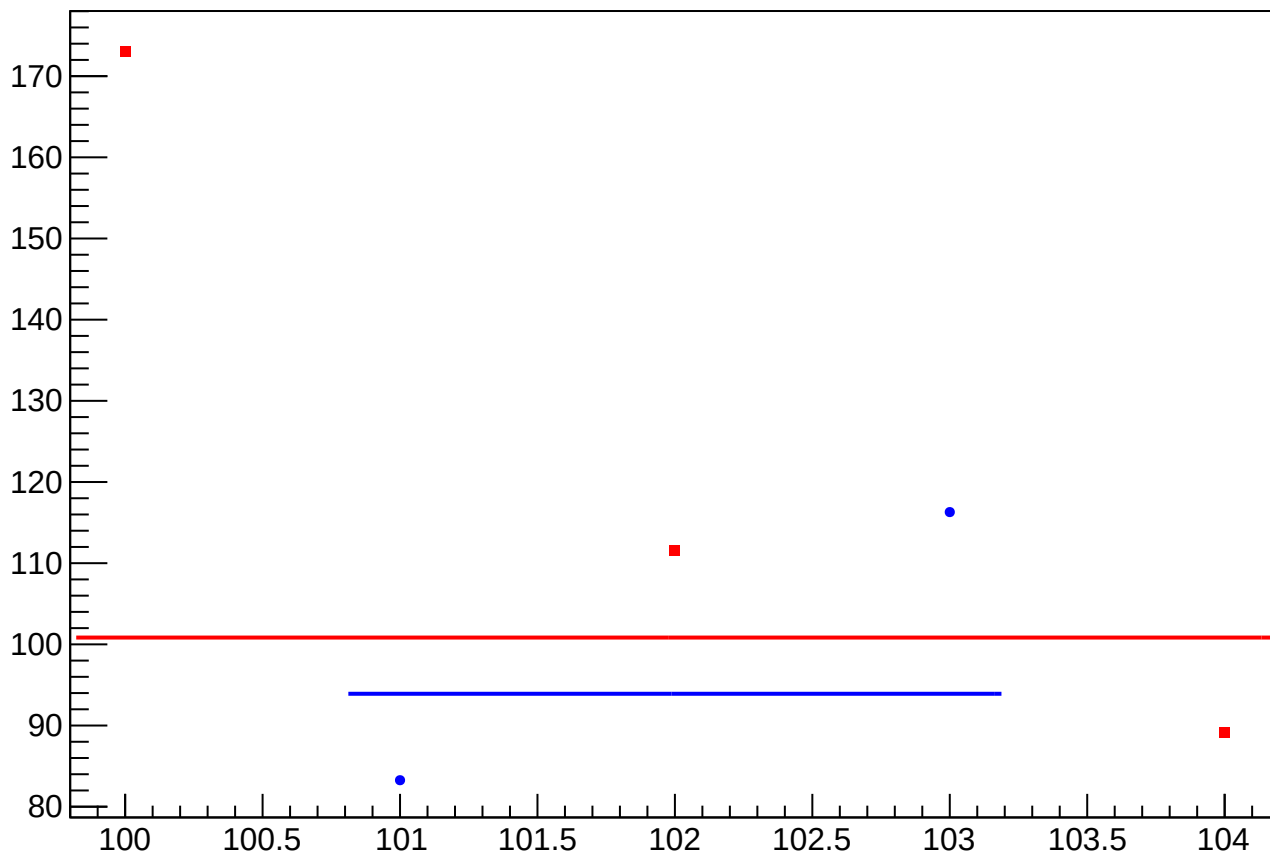
Right: -231.981+/-62.769 χ^2/NDF : 2.4/4

In: -229.957+/-85.267 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.981+/-62.769 χ^2/NDF : 2.4/4

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: 100.838+/-0.066 χ^2/NDF : 53941.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

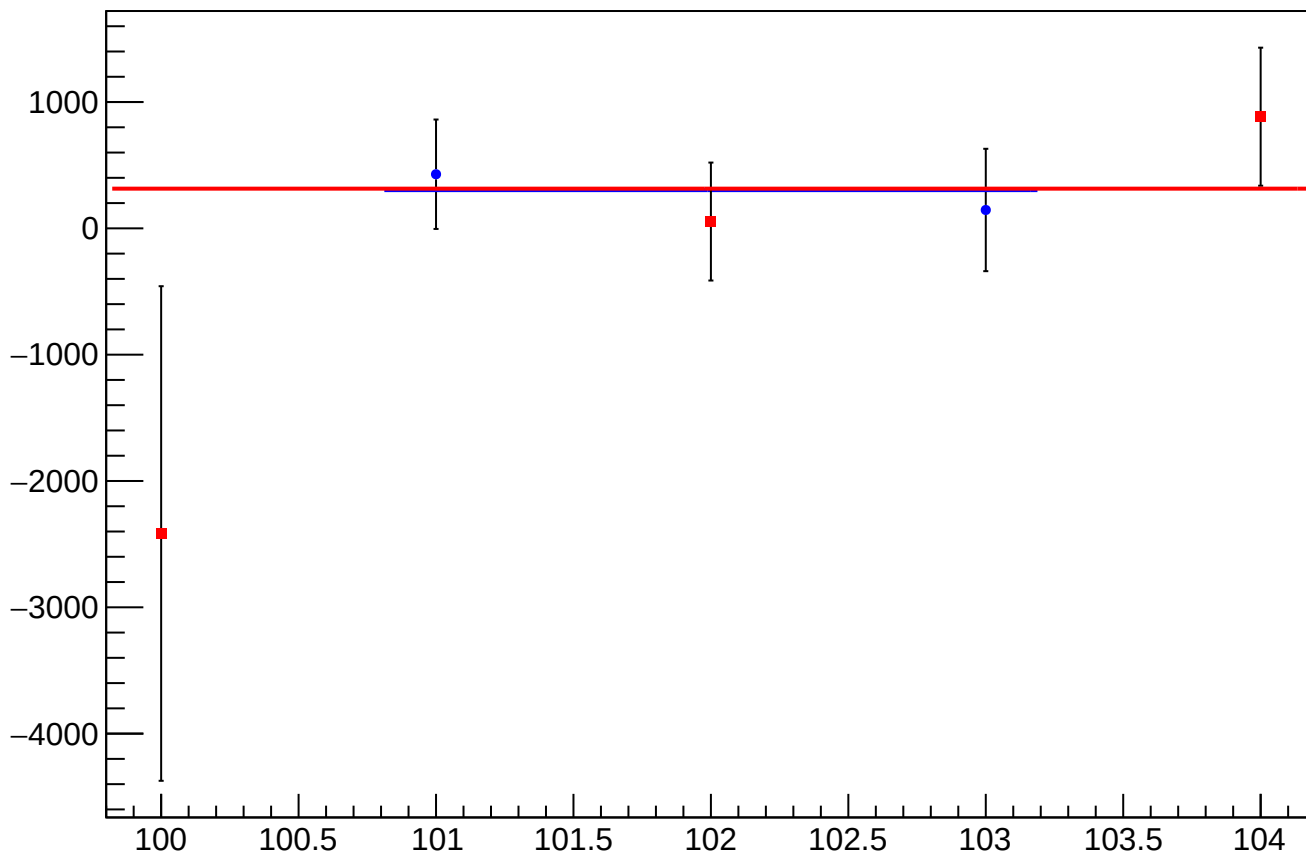
Right: 97.085+/-0.044 χ^2/NDF : 125545.4/4

In: 93.912+/-0.060 χ^2/NDF : 65560.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.085+/-0.044 χ^2/NDF : 125545.4/4

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: 314.295+/-349.283 χ^2 /NDF: 3.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

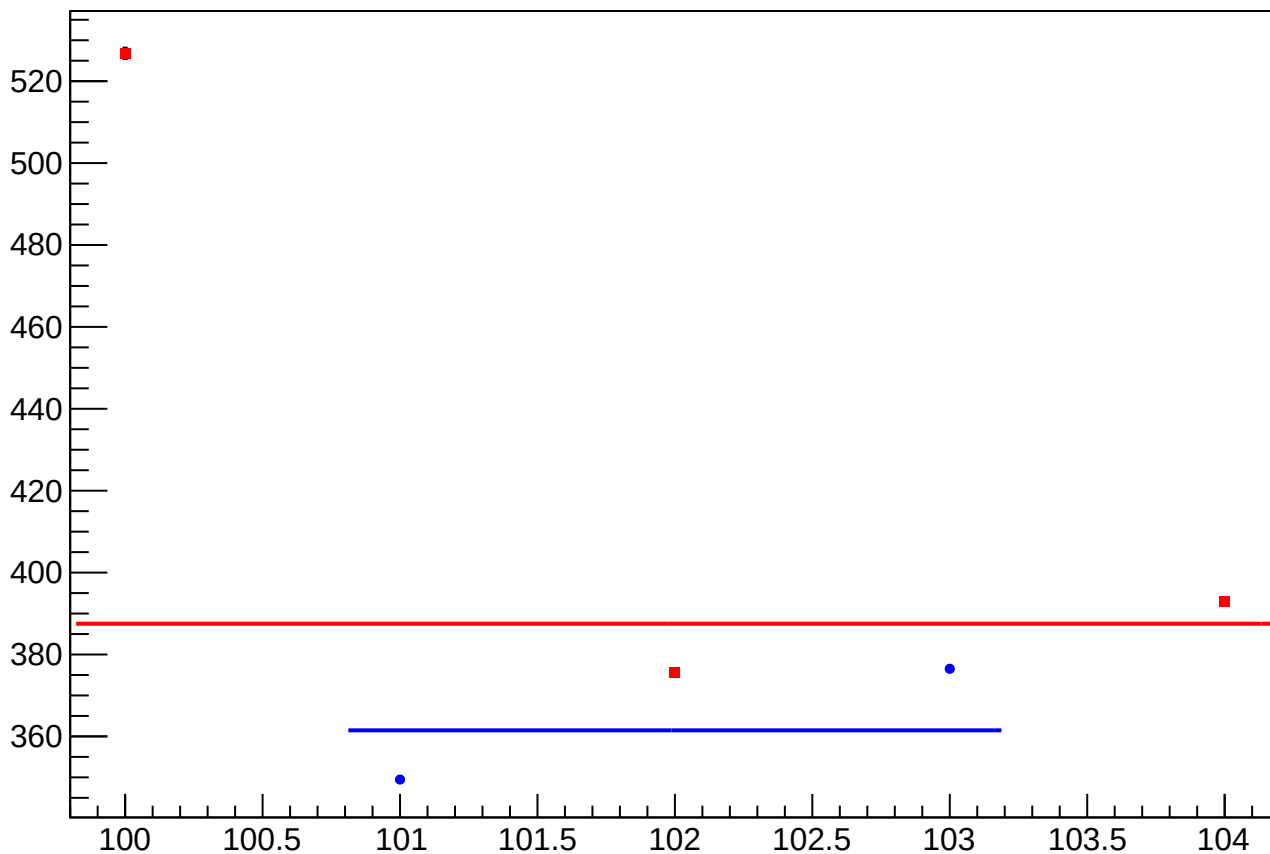
Right: 308.030+/-237.090 χ^2 /NDF: 3.5/4

In: 302.676+/-322.864 χ^2 /NDF:0.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 308.030+/-237.090 χ^2 /NDF: 3.5/4

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 361.483+/-0.228 χ^2/NDF : 3464.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.516+/-0.247 χ^2/NDF : 11622.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

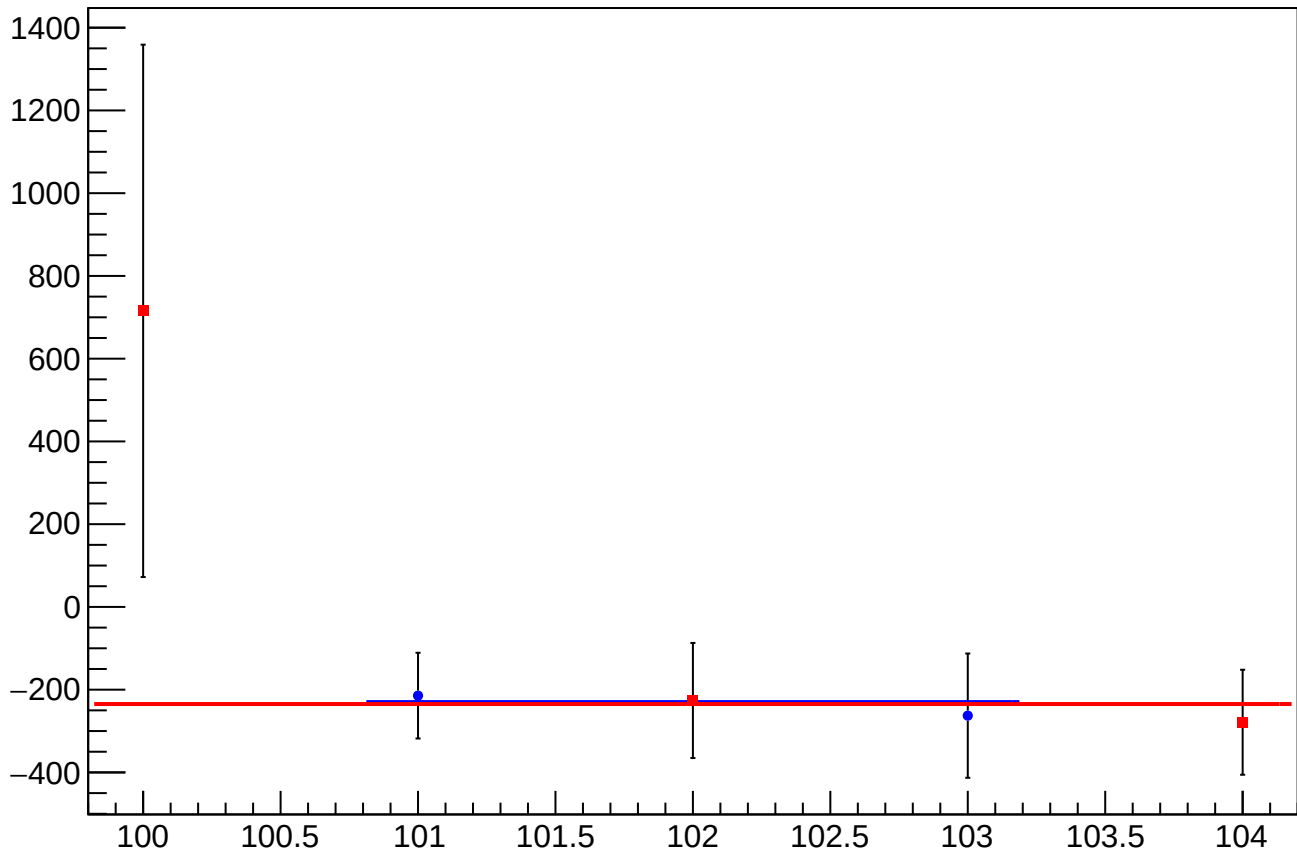
Right: 373.478+/-0.168 χ^2/NDF : 21078.1/4

In: 361.483+/-0.228 χ^2/NDF : 3464.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 373.478+/-0.168 χ^2/NDF : 21078.1/4

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: -234.693 $\pm$ 92.757 χ^2/NDF : 2.3/2

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

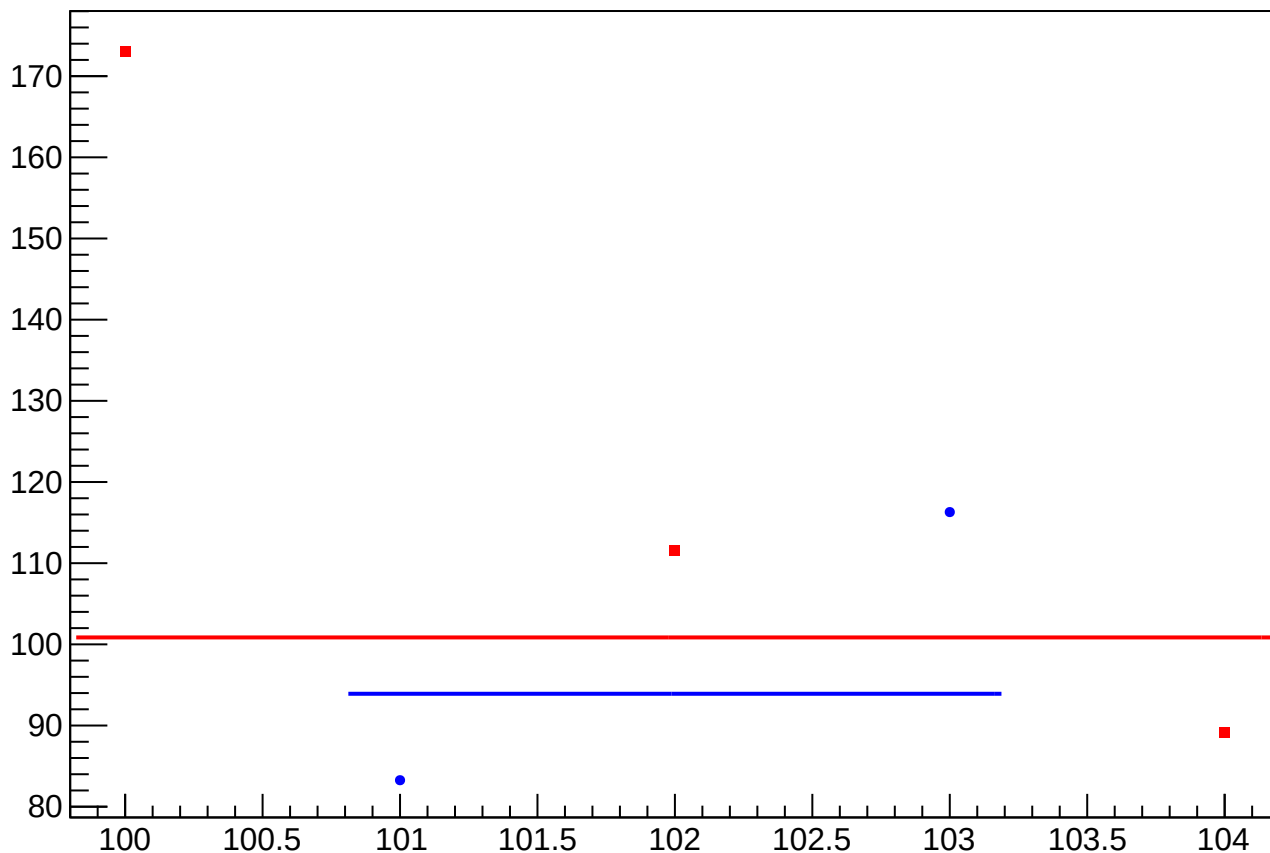
Right: -232.174 $\pm$ 62.774 χ^2/NDF : 2.4/4

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: -232.174 $\pm$ 62.774 χ^2/NDF : 2.4/4

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: 100.853+/-0.066 χ^2/NDF : 54023.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

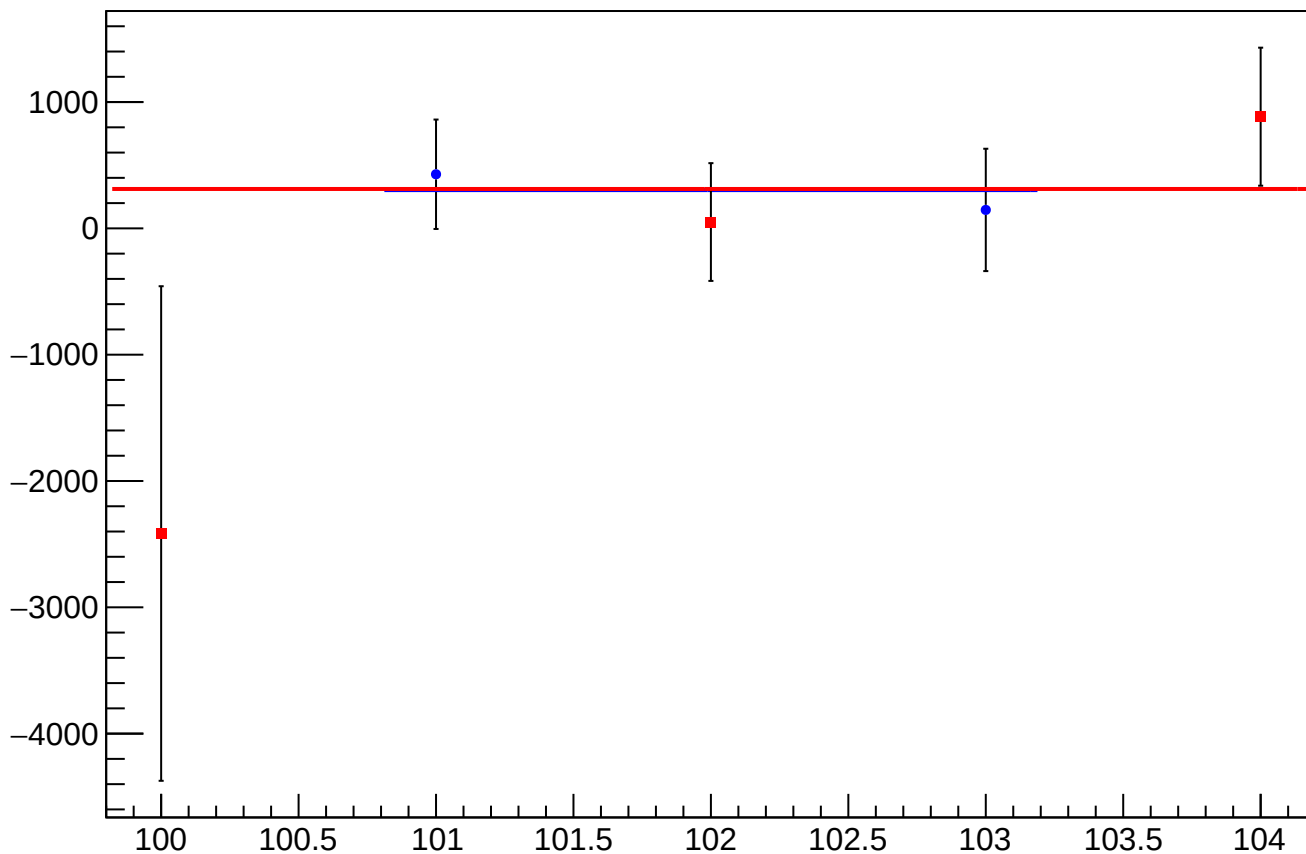
Right: 97.091+/-0.044 χ^2/NDF : 125654.8/4

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.091+/-0.044 χ^2/NDF : 125654.8/4

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: 311.935+/-348.965 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

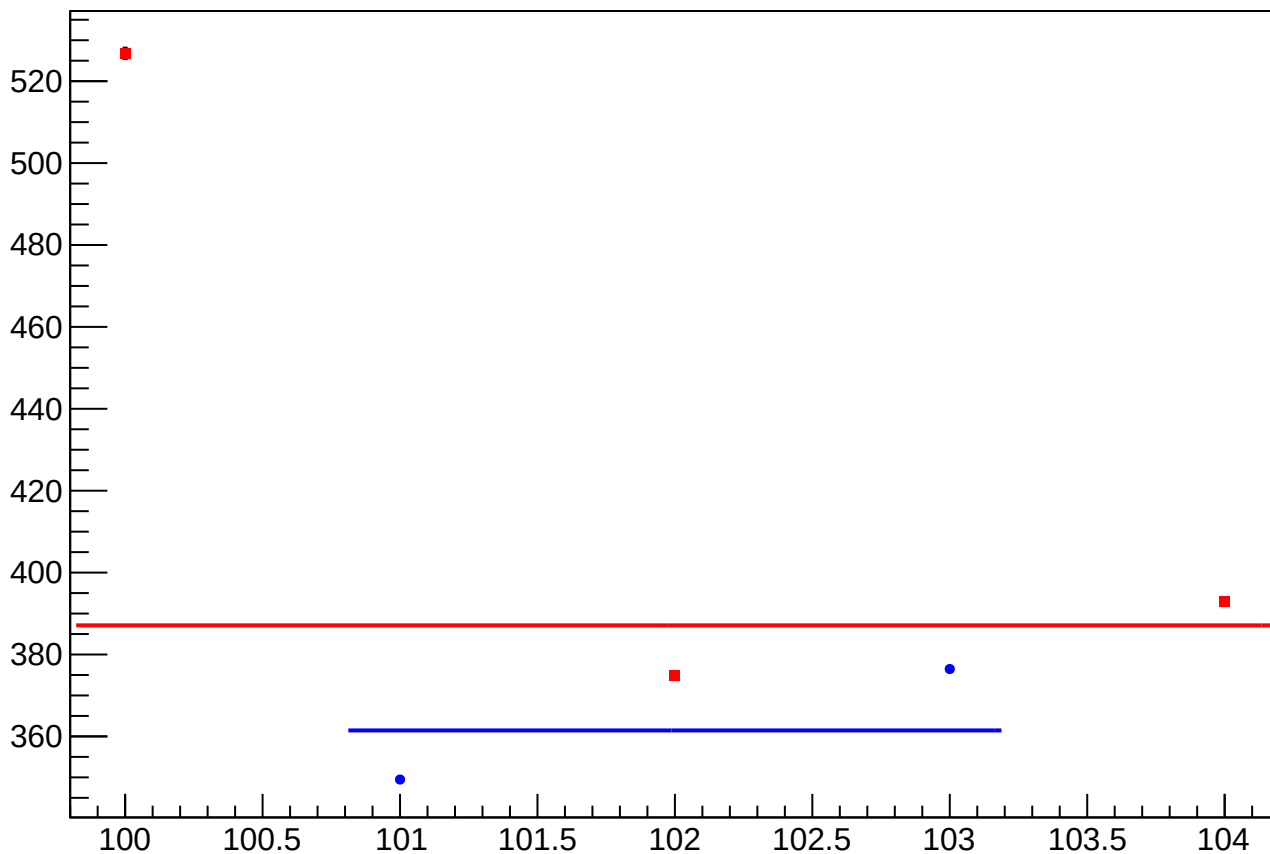
Right: 307.093+/-236.983 χ^2/NDF : 3.5/4

In: 302.949+/-322.845 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.093+/-236.983 χ^2/NDF : 3.5/4

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: 387.123 ± 0.247 χ^2/NDF : 11766.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

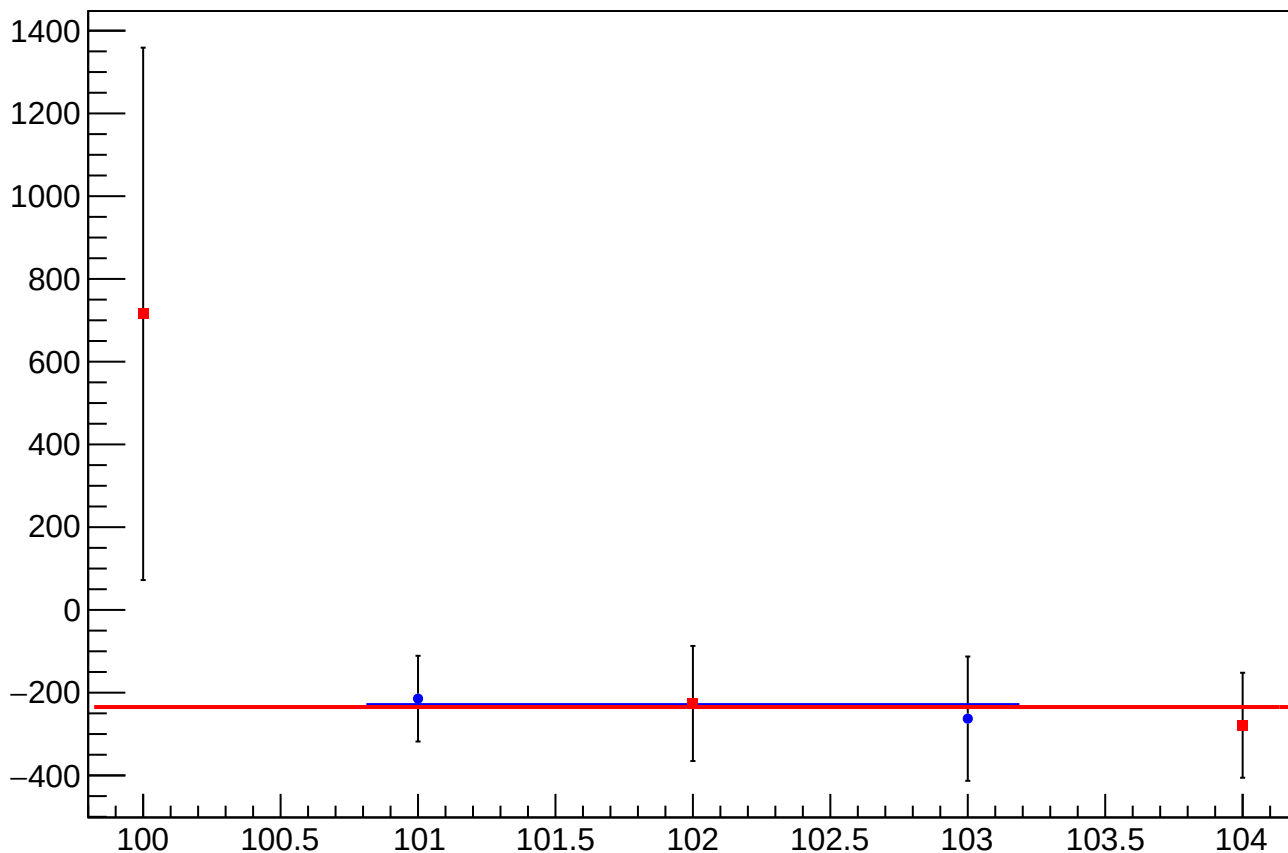
Right: 373.296 ± 0.168 χ^2/NDF : 21044.6/4

In: 361.461 ± 0.228 χ^2/NDF : 3451.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 373.296 ± 0.168 χ^2/NDF : 21044.6/4

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: -234.693 $\pm$ 92.757 χ^2 /NDF: 2.3/2

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

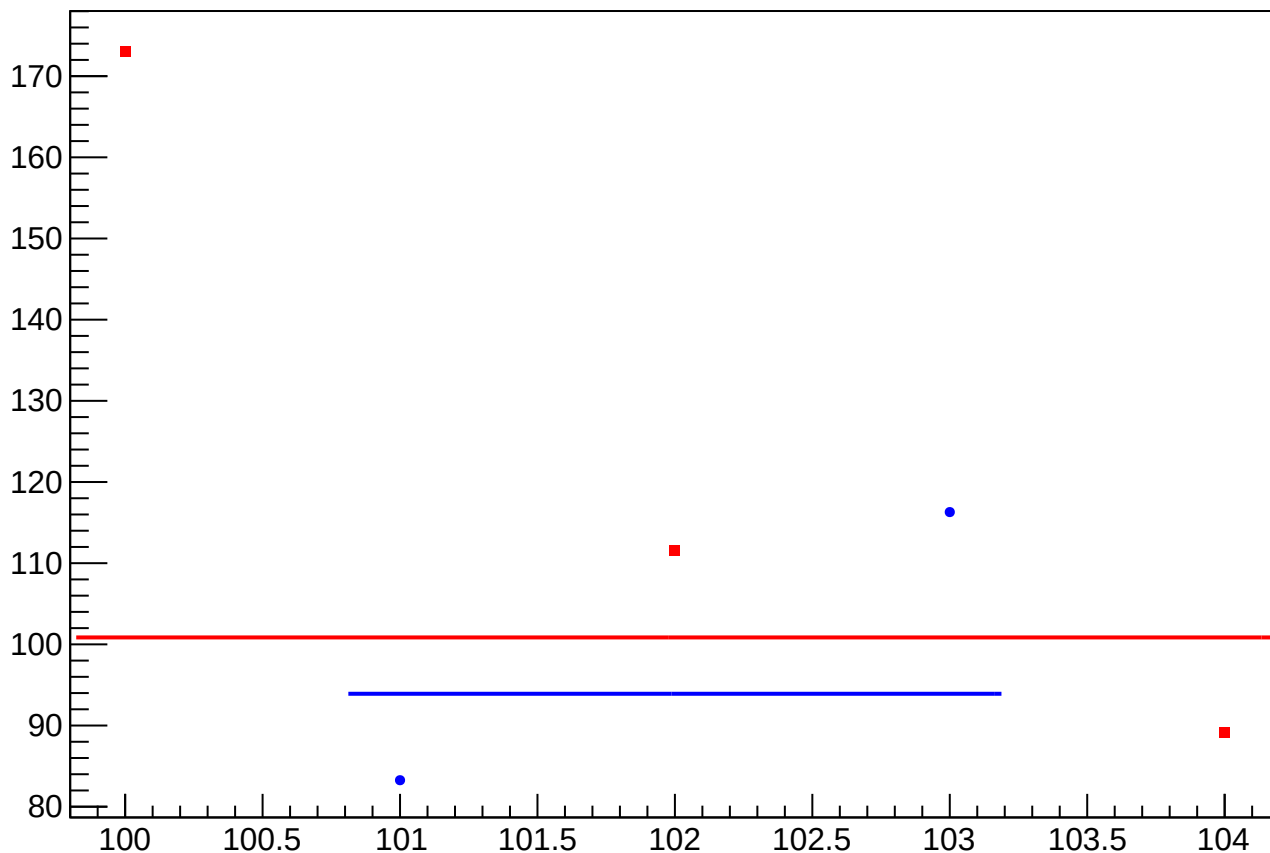
Right: -232.174 $\pm$ 62.774 χ^2 /NDF: 2.4/4

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: -232.174 $\pm$ 62.774 χ^2 /NDF: 2.4/4

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: 100.853+/-0.066 χ^2/NDF : 54023.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

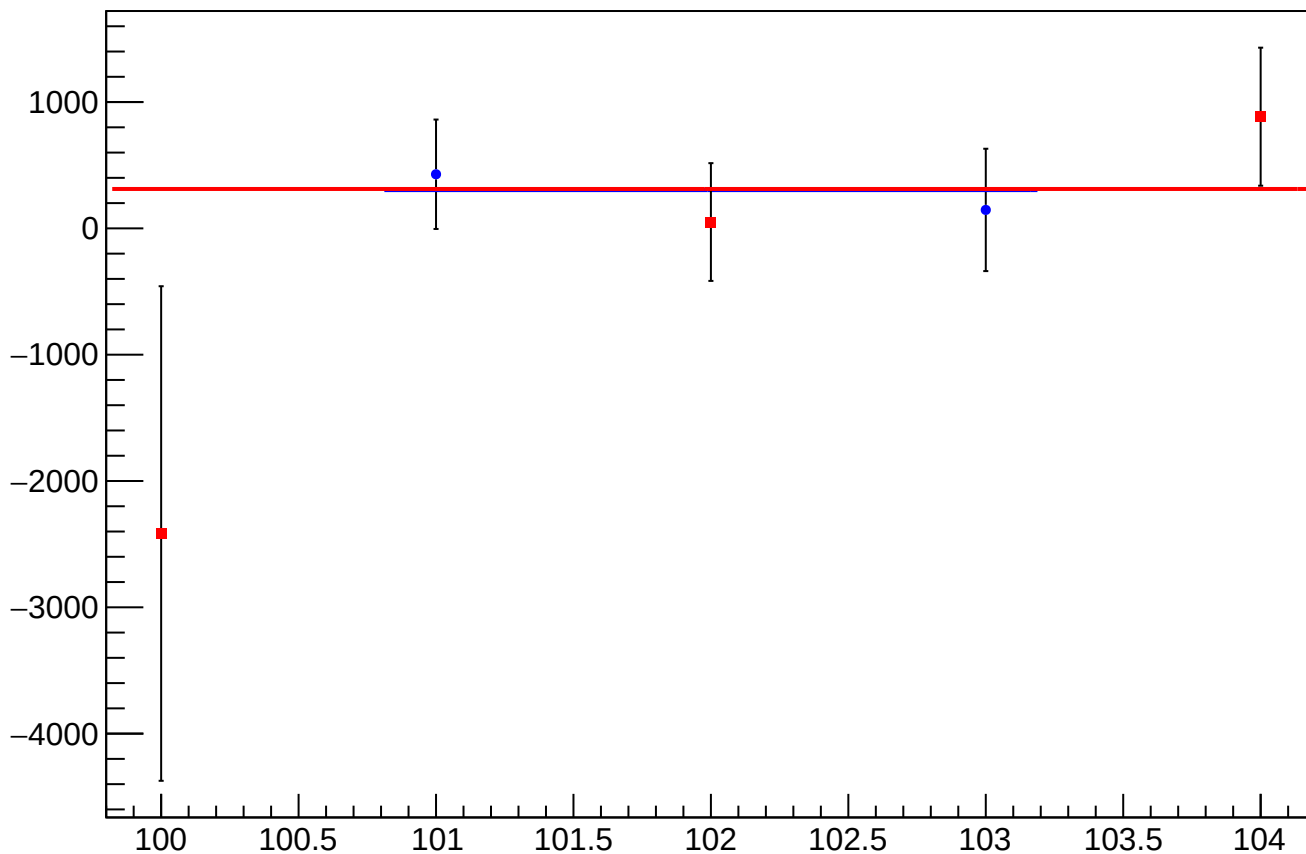
Right: 97.091+/-0.044 χ^2/NDF : 125654.8/4

In: 93.913+/-0.060 χ^2/NDF : 65563.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.091+/-0.044 χ^2/NDF : 125654.8/4

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: 311.935+/-348.965 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

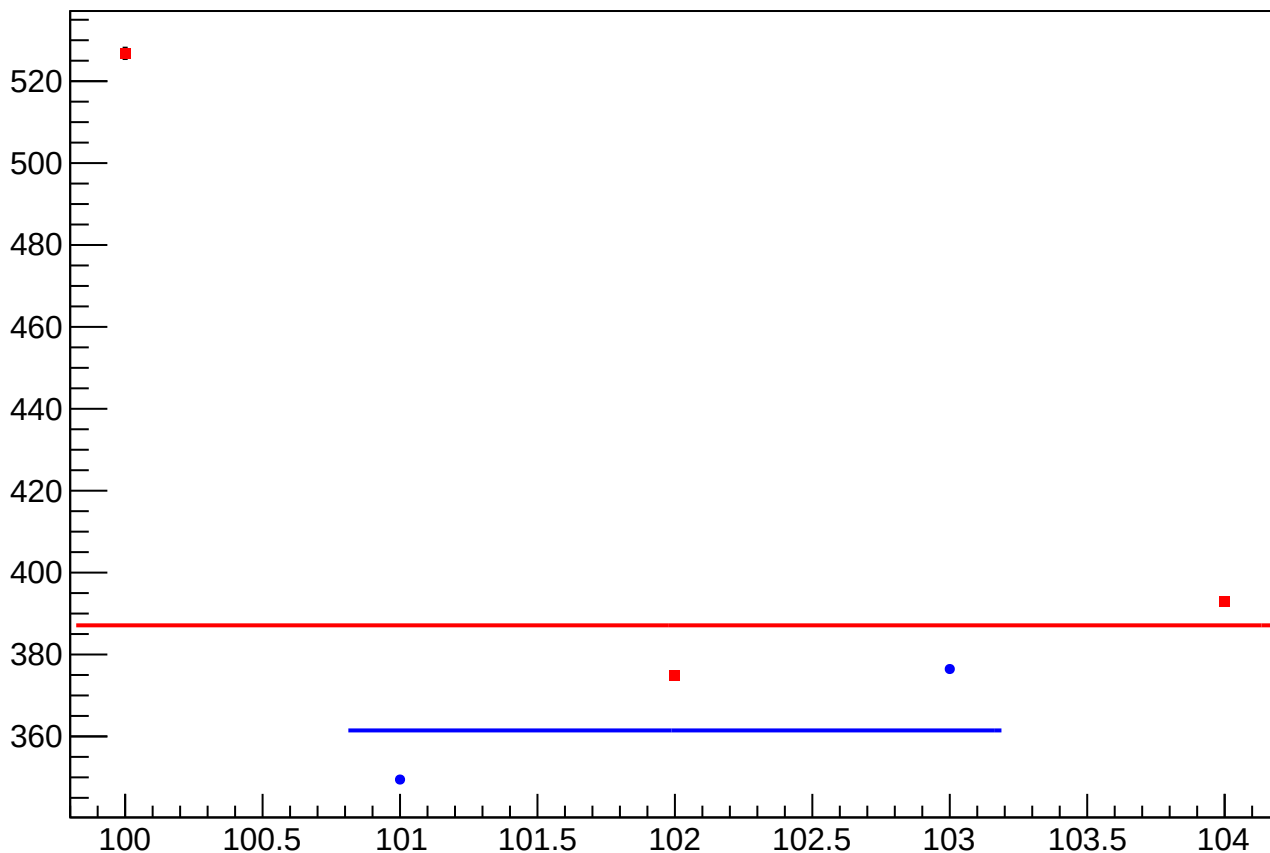
Right: 307.093+/-236.983 χ^2/NDF : 3.5/4

In: 302.949+/-322.845 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.093+/-236.983 χ^2/NDF : 3.5/4

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: 387.123 ± 0.247 χ^2/NDF : 11766.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

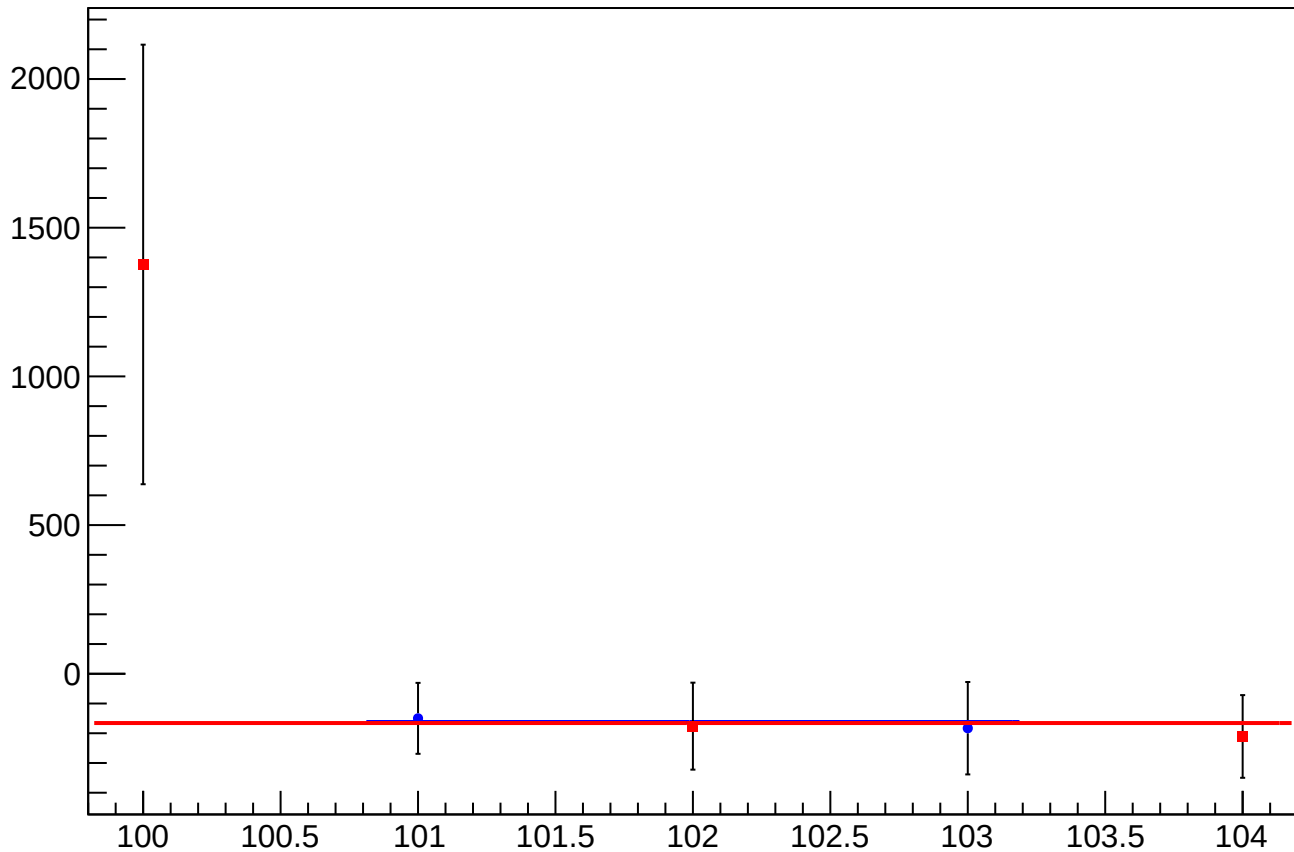
Right: 373.296 ± 0.168 χ^2/NDF : 21044.6/4

In: 361.461 ± 0.228 χ^2/NDF : 3451.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 373.296 ± 0.168 χ^2/NDF : 21044.6/4

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -162.182 $\pm$ 94.617 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -165.666 $\pm$ 99.841 χ^2 /NDF: 4.5/2

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

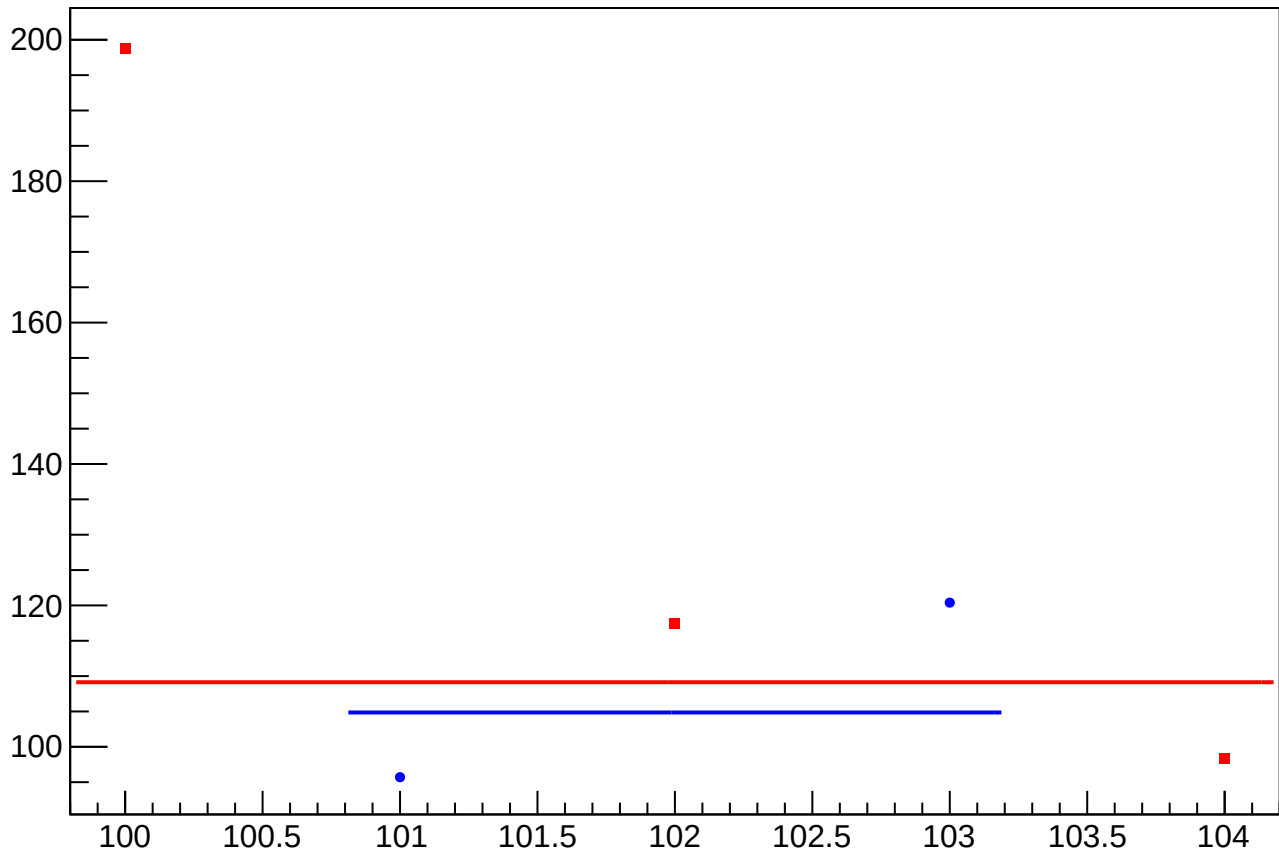
Right: -163.830 $\pm$ 68.677 χ^2 /NDF: 4.5/4

In: -162.182 $\pm$ 94.617 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.830 $\pm$ 68.677 χ^2 /NDF: 4.5/4

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: 109.135+/-0.071 χ^2/NDF : 47852.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

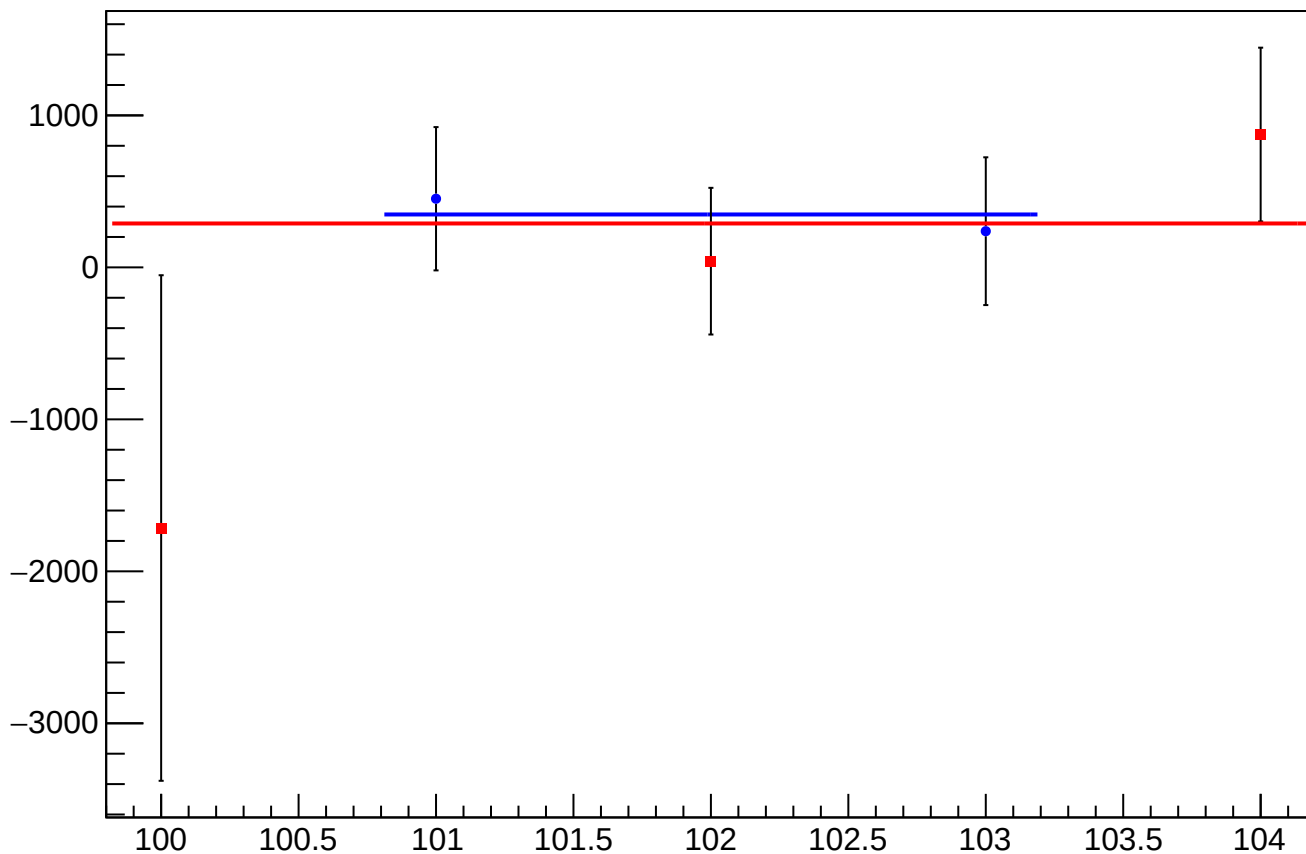
Right: 106.881+/-0.049 χ^2/NDF : 81559.9/4

In: 104.857+/-0.067 χ^2/NDF : 31772.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.881+/-0.049 χ^2/NDF : 81559.9/4

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: 288.843+/-360.018 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

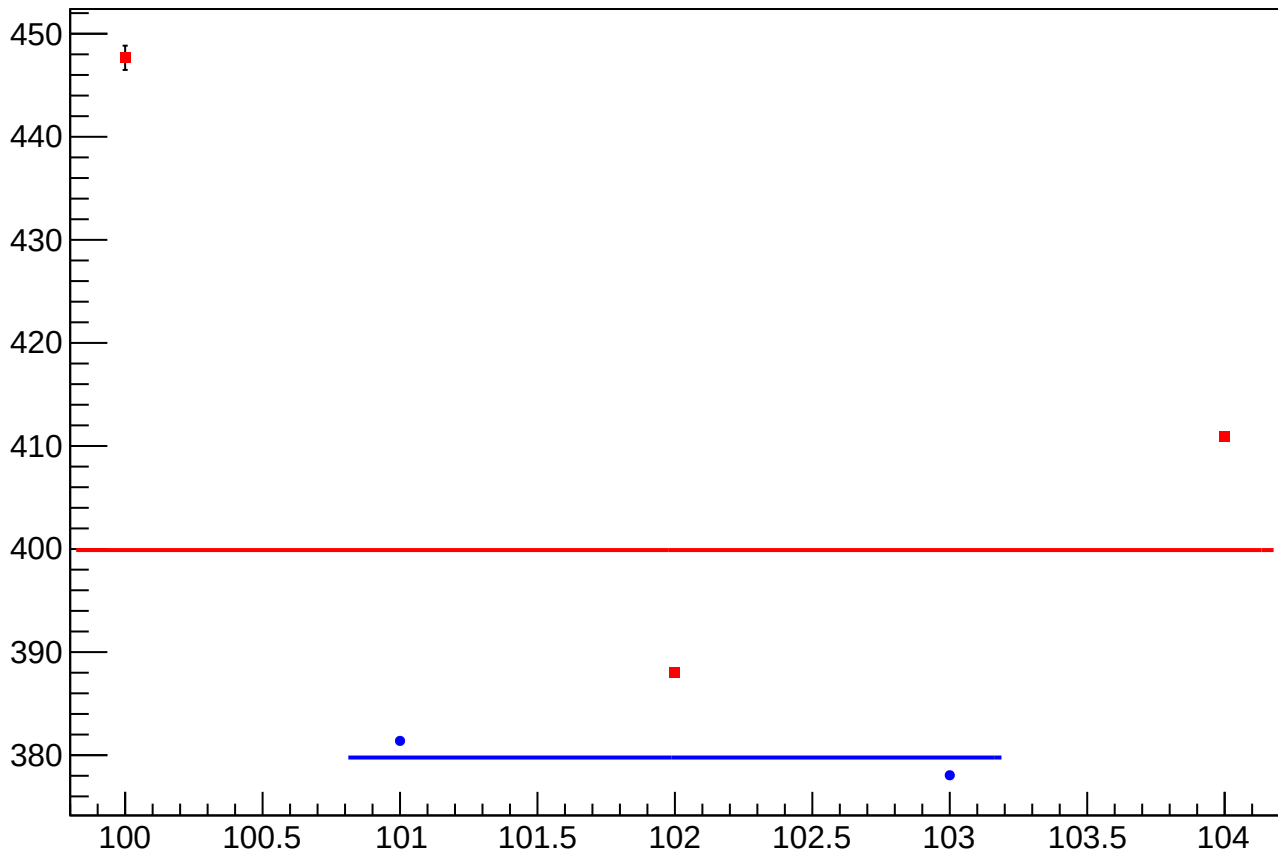
Right: 320.305+/-246.589 χ^2/NDF : 2.9/4

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.305+/-246.589 χ^2/NDF : 2.9/4

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: 399.901 ± 0.255 $\chi^2/\text{NDF}: 3593.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

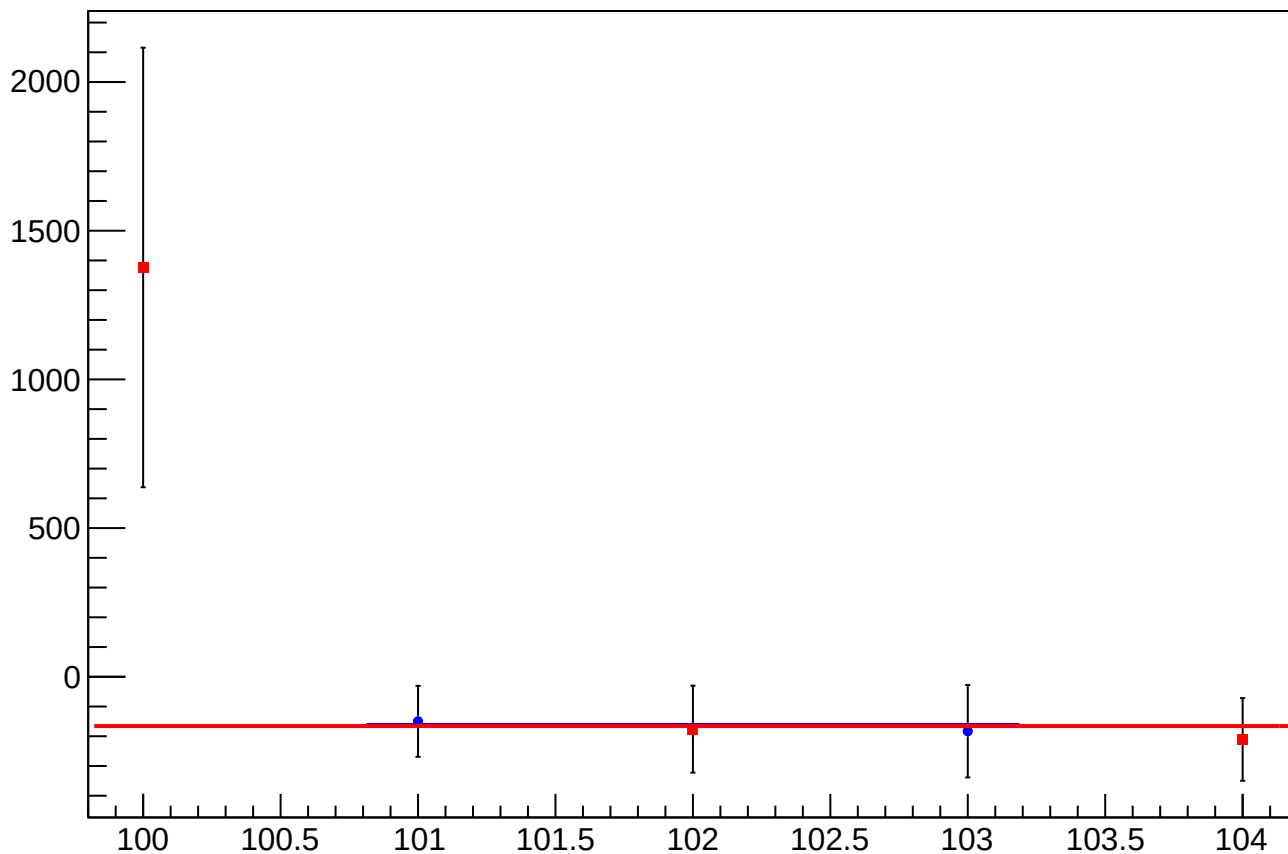
Right: 389.215 ± 0.174 $\chi^2/\text{NDF}: 6961.4/4$

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: 389.215 ± 0.174 $\chi^2/\text{NDF}: 6961.4/4$

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: -165.664+/-99.841 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

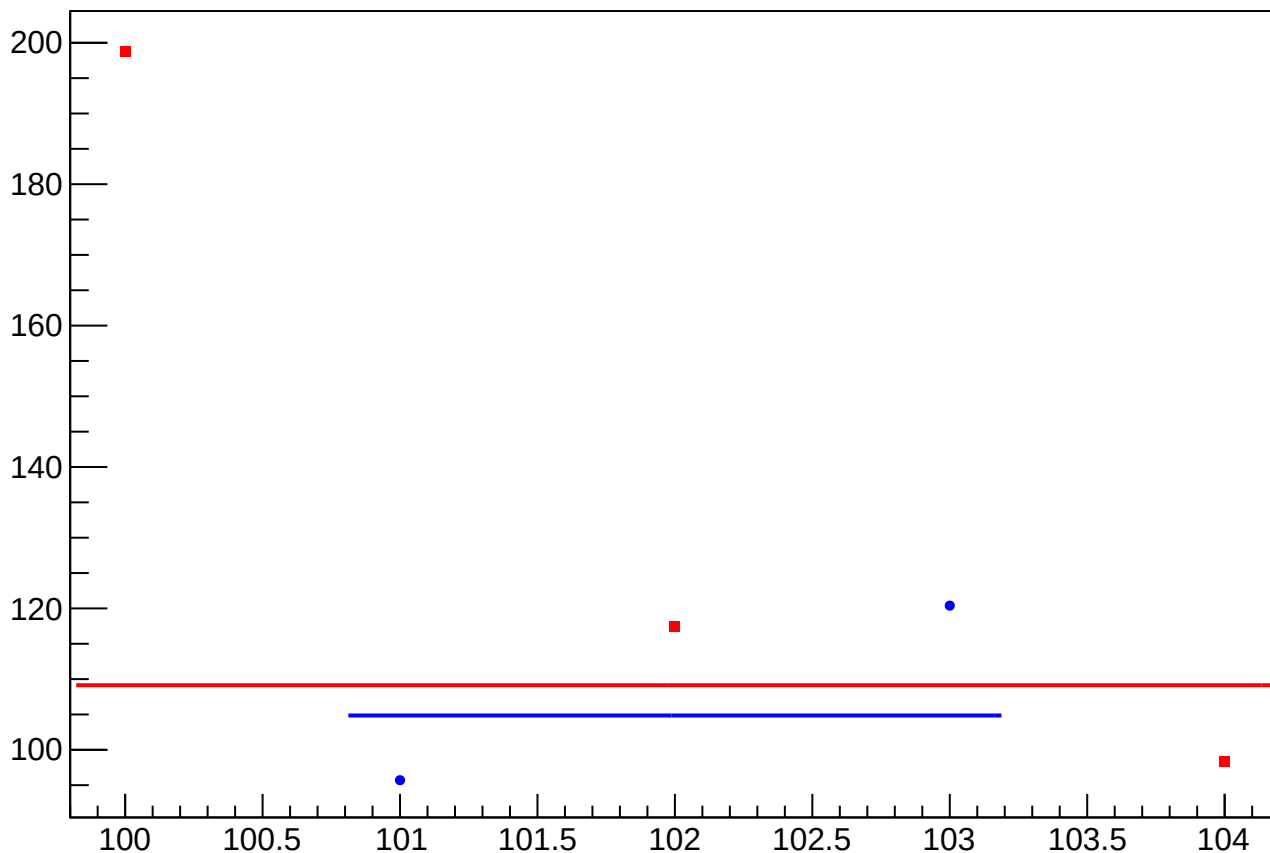
Right: -163.830+/-68.677 χ^2/NDF : 4.5/4

In: -162.183+/-94.616 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.830+/-68.677 χ^2/NDF : 4.5/4

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: 109.135+/-0.071 χ^2/NDF : 47852.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

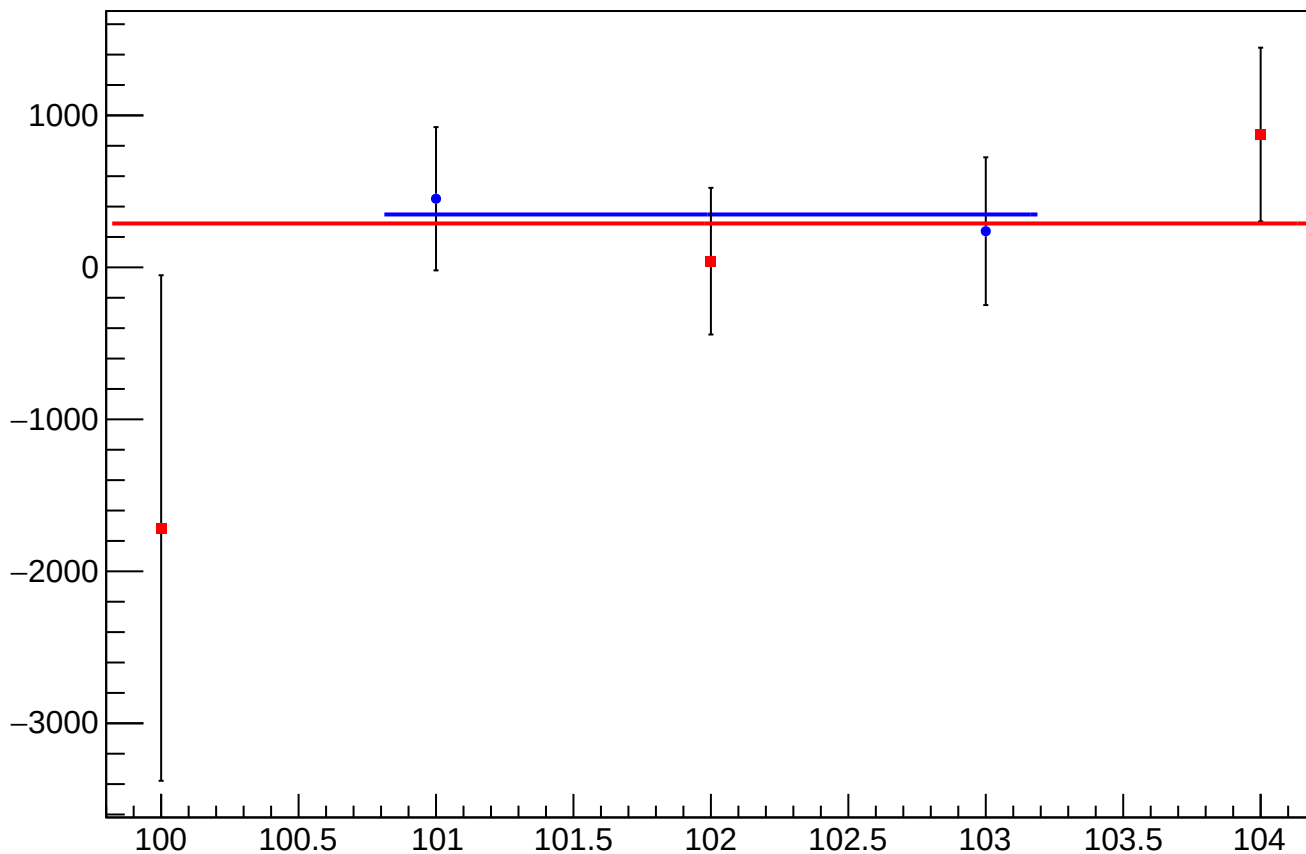
Right: 106.881+/-0.049 χ^2/NDF : 81562.6/4

In: 104.856+/-0.067 χ^2/NDF : 31774.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.881+/-0.049 χ^2/NDF : 81562.6/4

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: 288.845+/-360.018 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

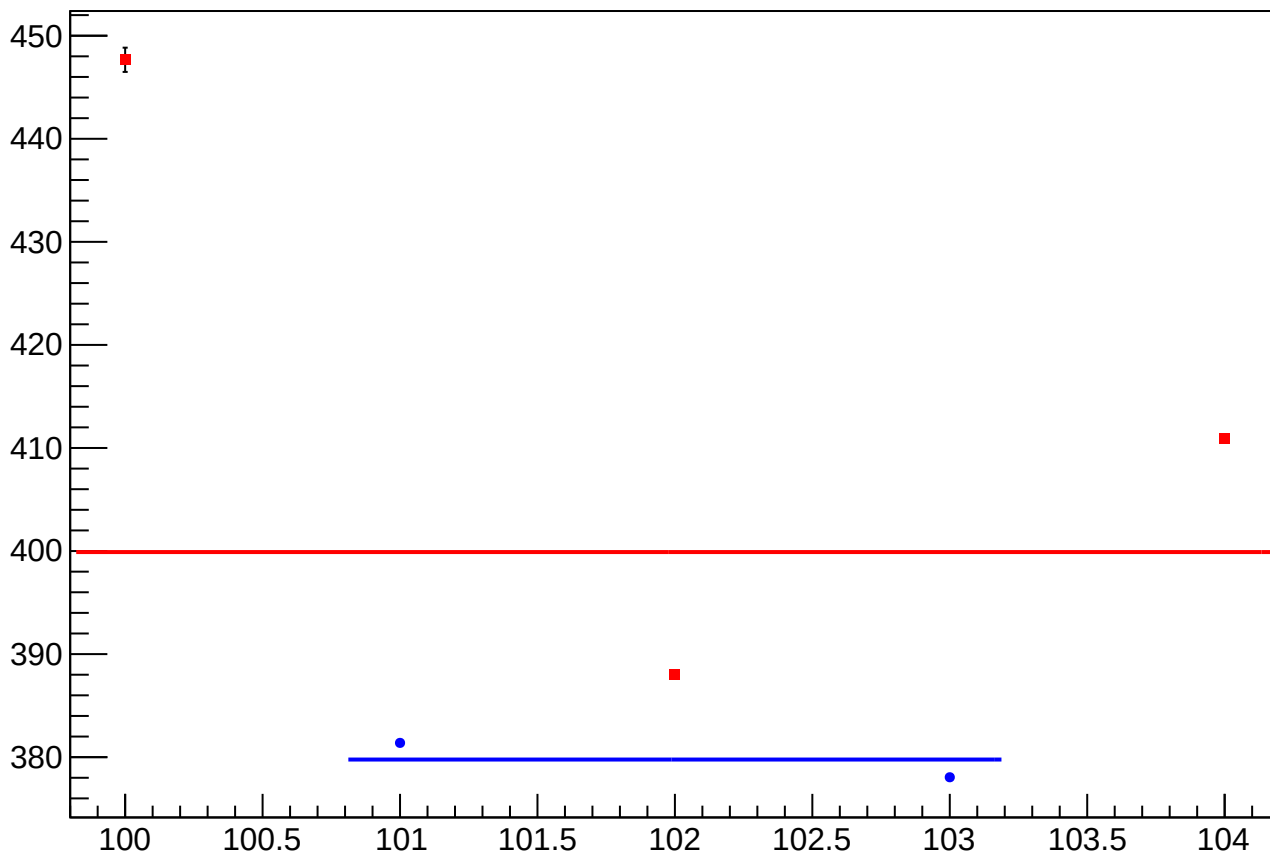
Right: 320.306+/-246.589 χ^2/NDF : 2.9/4

In: 348.109+/-338.441 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.306+/-246.589 χ^2/NDF : 2.9/4

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: 399.901 $\pm$ 0.255 χ^2 /NDF: 3593.1/2

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

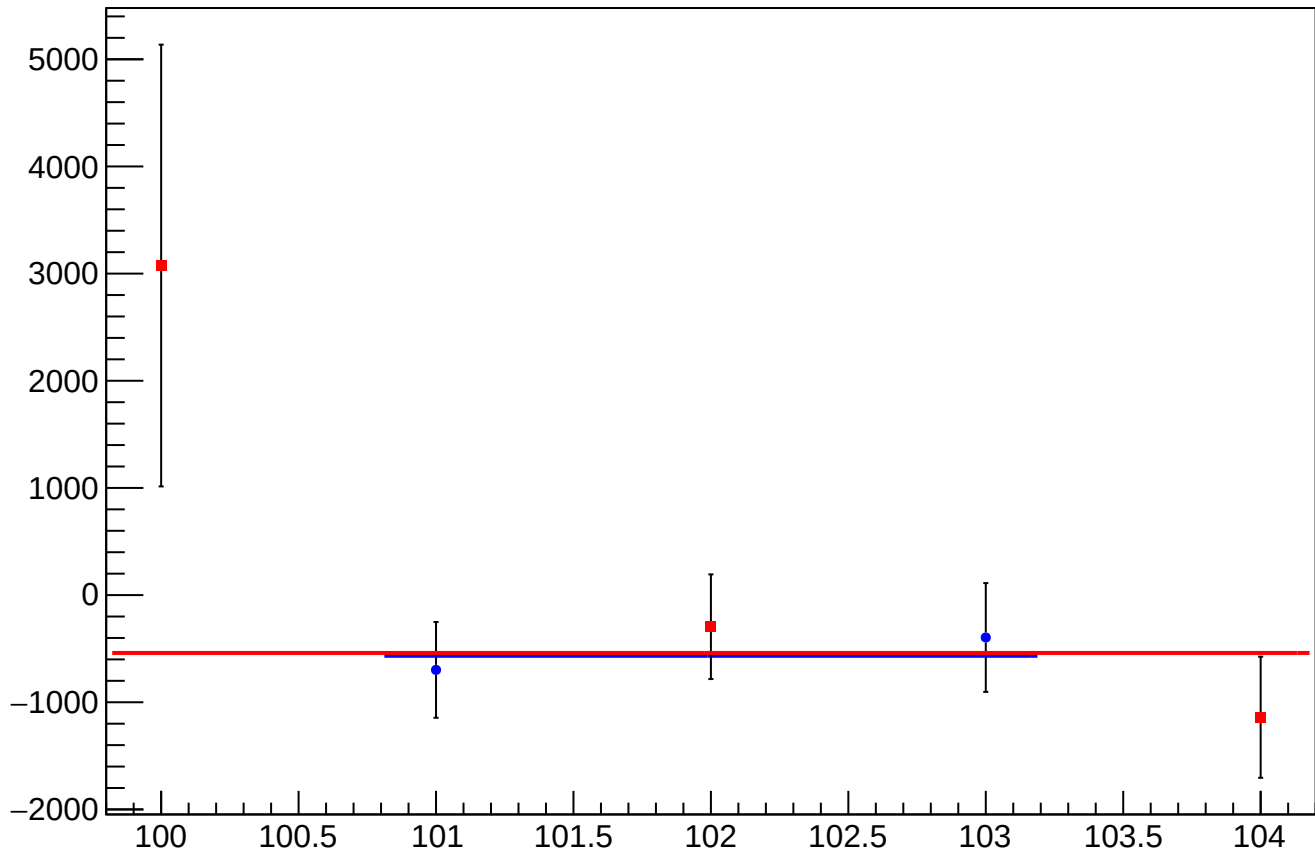
Right: 389.214 $\pm$ 0.174 χ^2 /NDF: 6961.4/4

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: 389.214 $\pm$ 0.174 χ^2 /NDF: 6961.4/4

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: -539.801 $\pm$ 363.751 χ^2 /NDF: 4.5/2

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

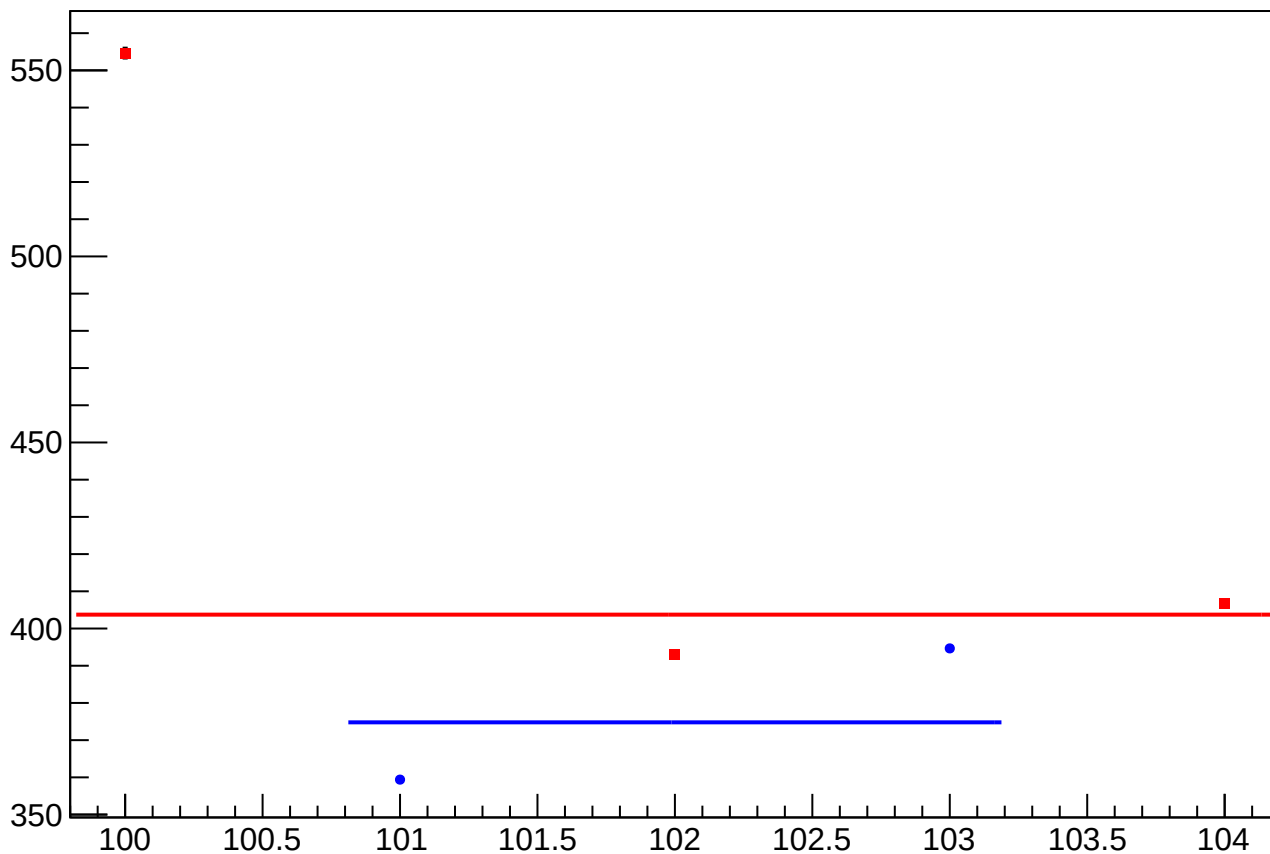
Right: -554.023 $\pm$ 246.583 χ^2 /NDF: 4.7/4

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: -554.023 $\pm$ 246.583 χ^2 /NDF: 4.7/4

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: 403.730+/-0.257 χ^2/NDF : 11730.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

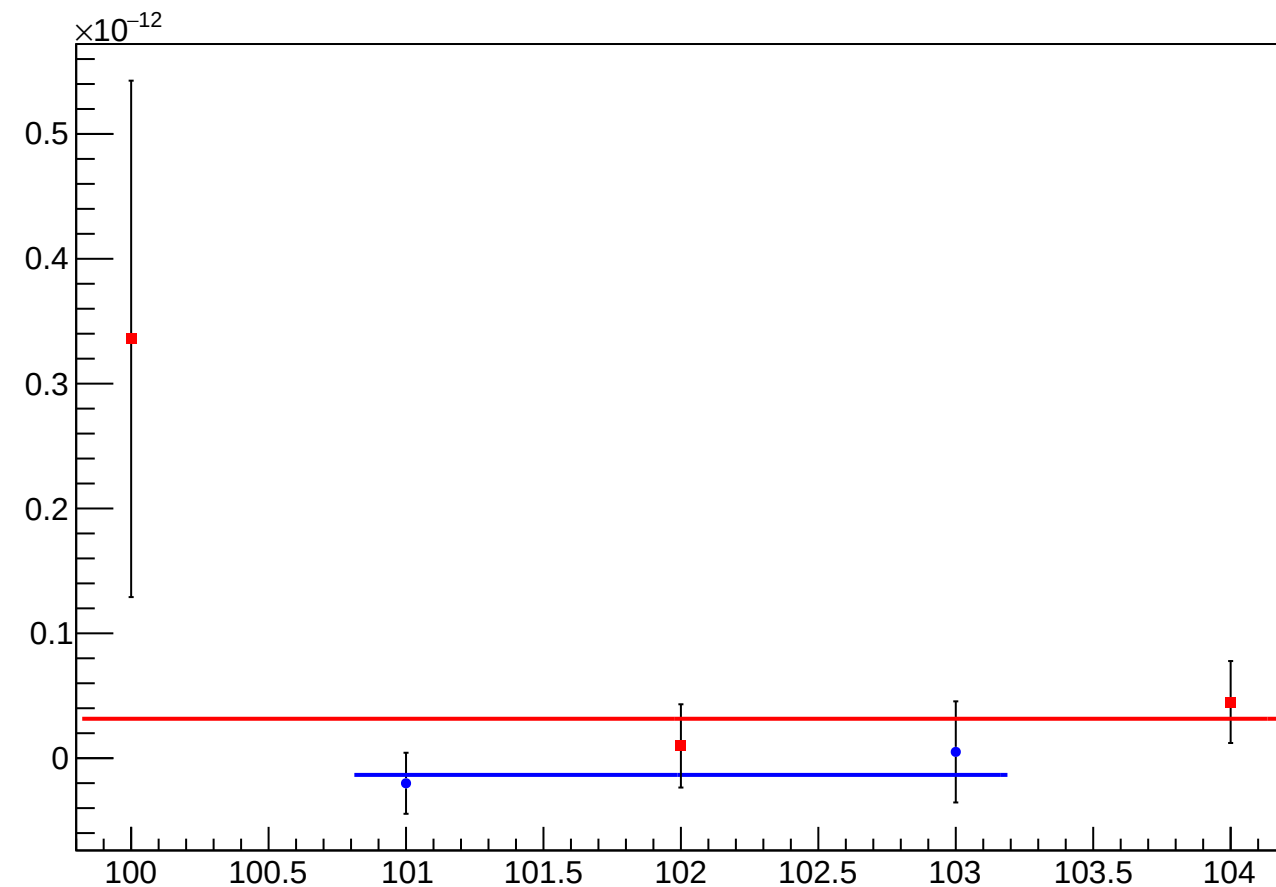
Right: 388.086+/-0.174 χ^2/NDF : 24013.1/4

In: 374.786+/-0.237 χ^2/NDF : 5438.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.086+/-0.174 χ^2/NDF : 24013.1/4

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 : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

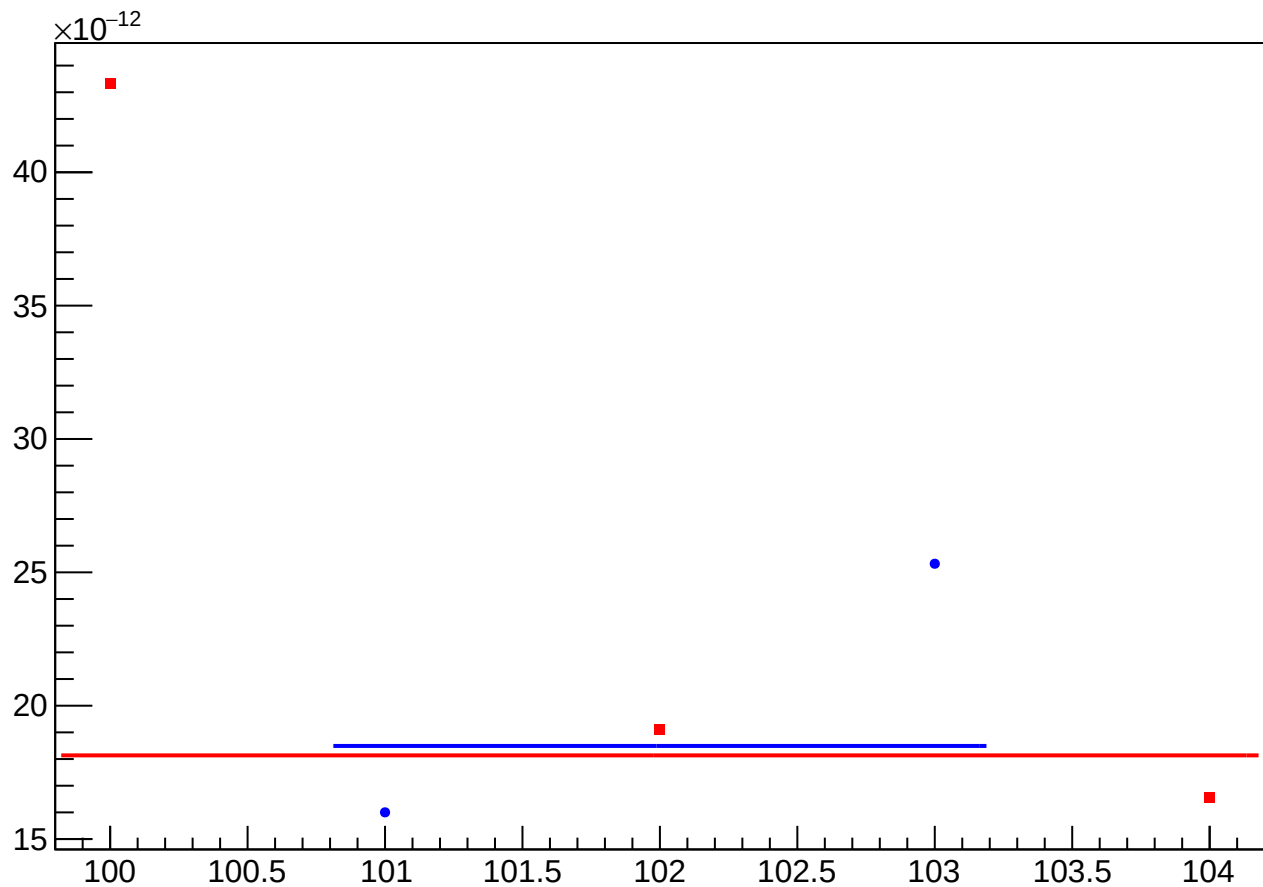
Right: 0.000+/-0.000 χ^2/NDF : 5.1/4

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 : 5.1/4

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 : 35840.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

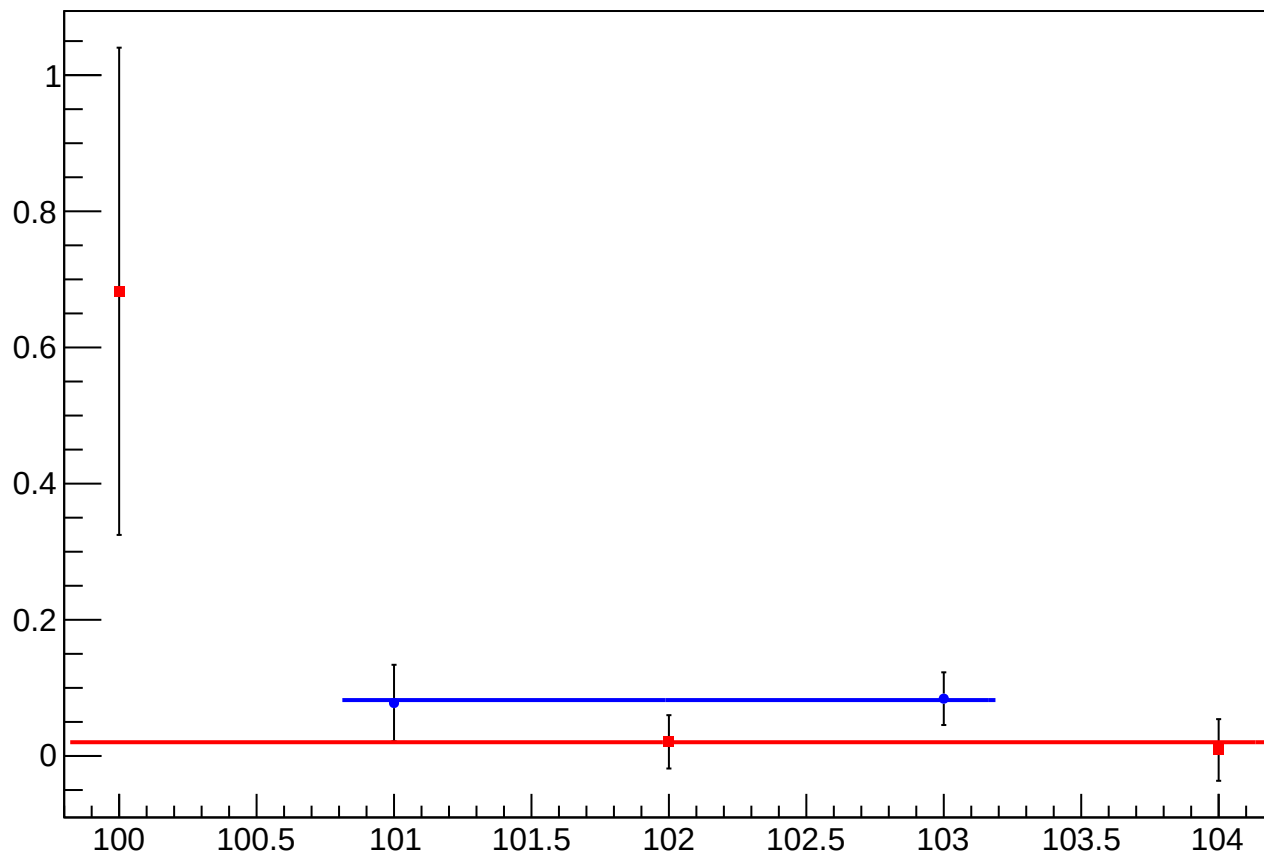
Right: 0.000+/-0.000 χ^2/NDF : 113739.9/4

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 : 113739.9/4

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: 0.020 $\pm$ 0.030 χ^2 /NDF: 3.5/2

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

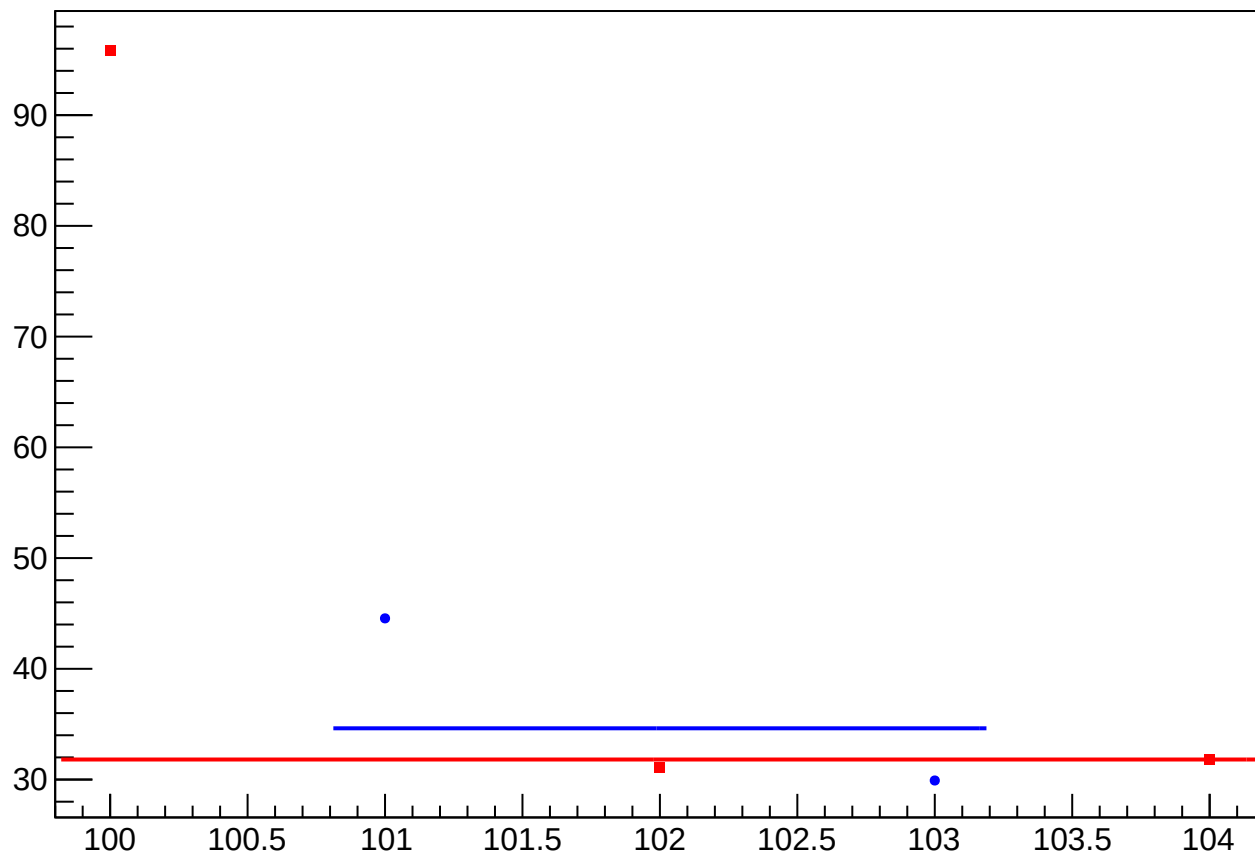
Right: 0.049 $\pm$ 0.022 χ^2 /NDF: 5.5/4

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: 0.049 $\pm$ 0.022 χ^2 /NDF: 5.5/4

asym_sam6_dit_vs_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: 31.810 $\pm$ 0.021 χ^2 /NDF: 64784.3/2

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

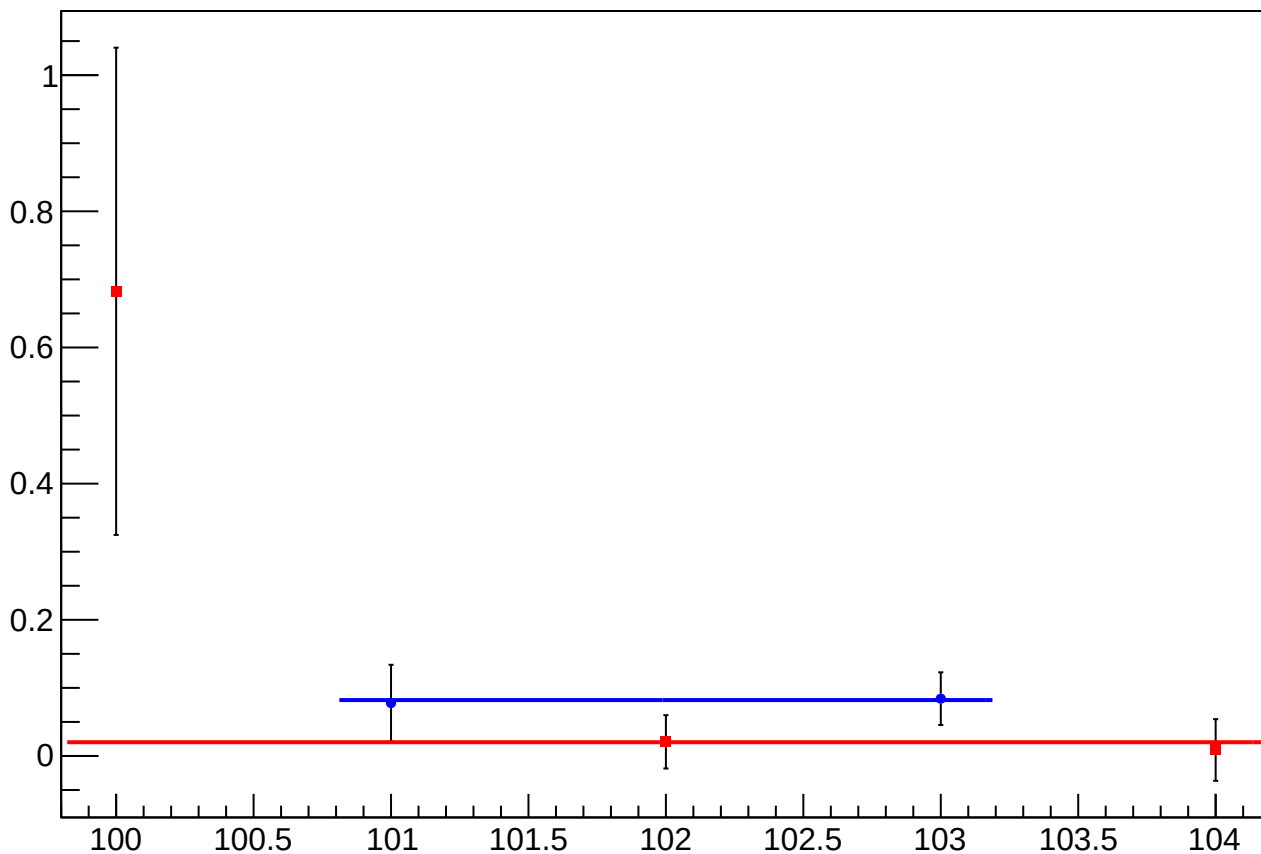
Right: 33.112 $\pm$ 0.015 χ^2 /NDF: 165392.5/4

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: 33.112 $\pm$ 0.015 χ^2 /NDF: 165392.5/4

asym_sam6_dit_vs_eigen_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: 0.020+/-0.030 χ^2/NDF : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

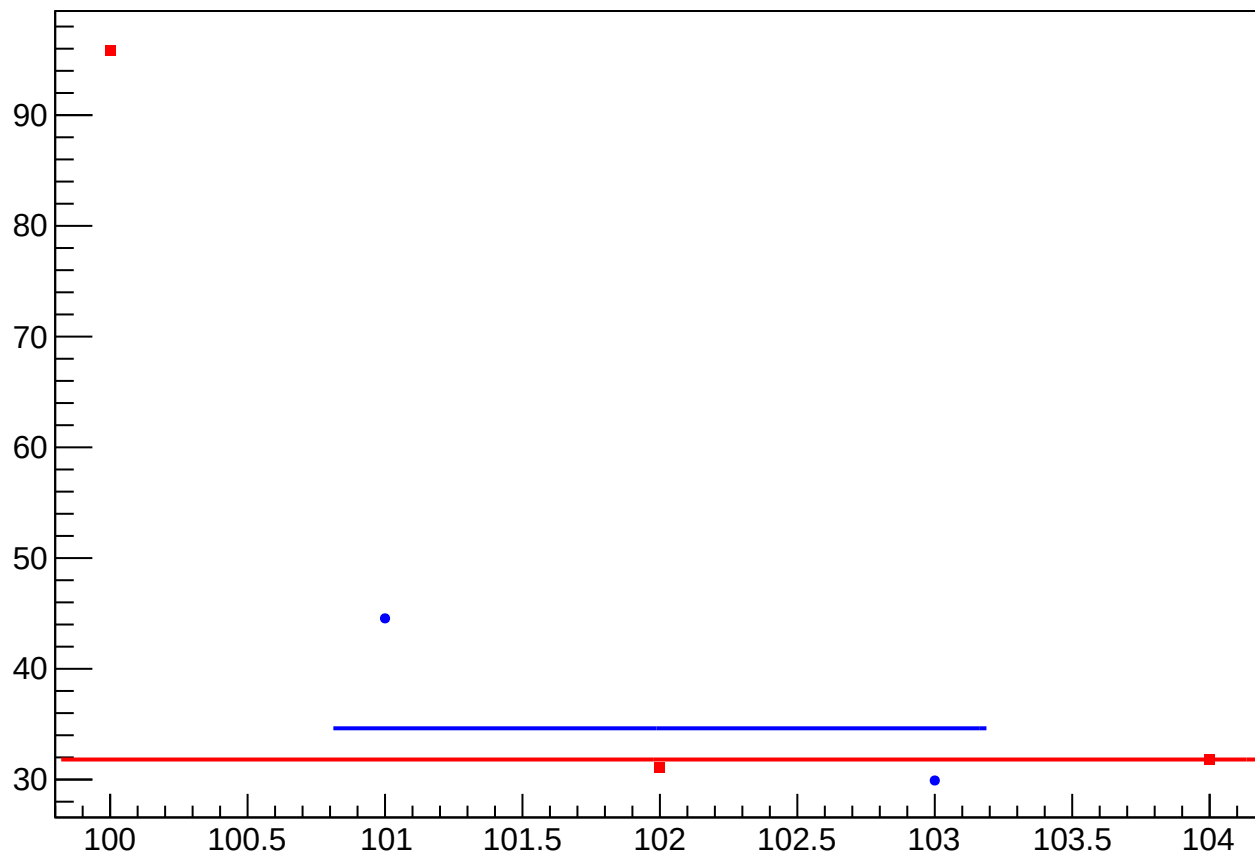
Right: 0.049+/-0.022 χ^2/NDF : 5.5/4

In: 0.082+/-0.032 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.022 χ^2/NDF : 5.5/4

asym_sam6_dit_vs_eigen_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: 31.810+/-0.021 χ^2/NDF : 64784.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

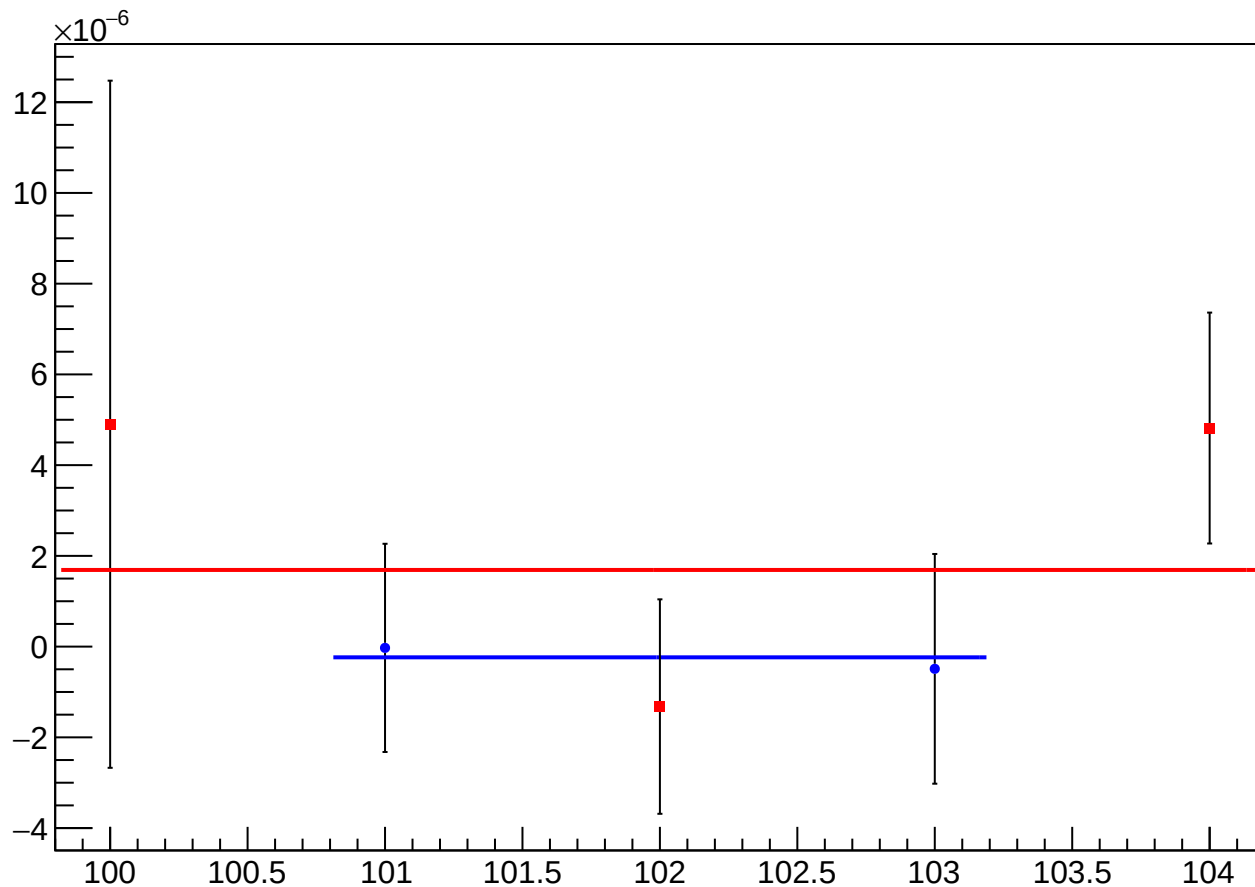
Right: 33.112+/-0.015 χ^2/NDF : 165392.5/4

In: 34.628+/-0.023 χ^2/NDF : 92192.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.112+/-0.015 χ^2/NDF : 165392.5/4

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 : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

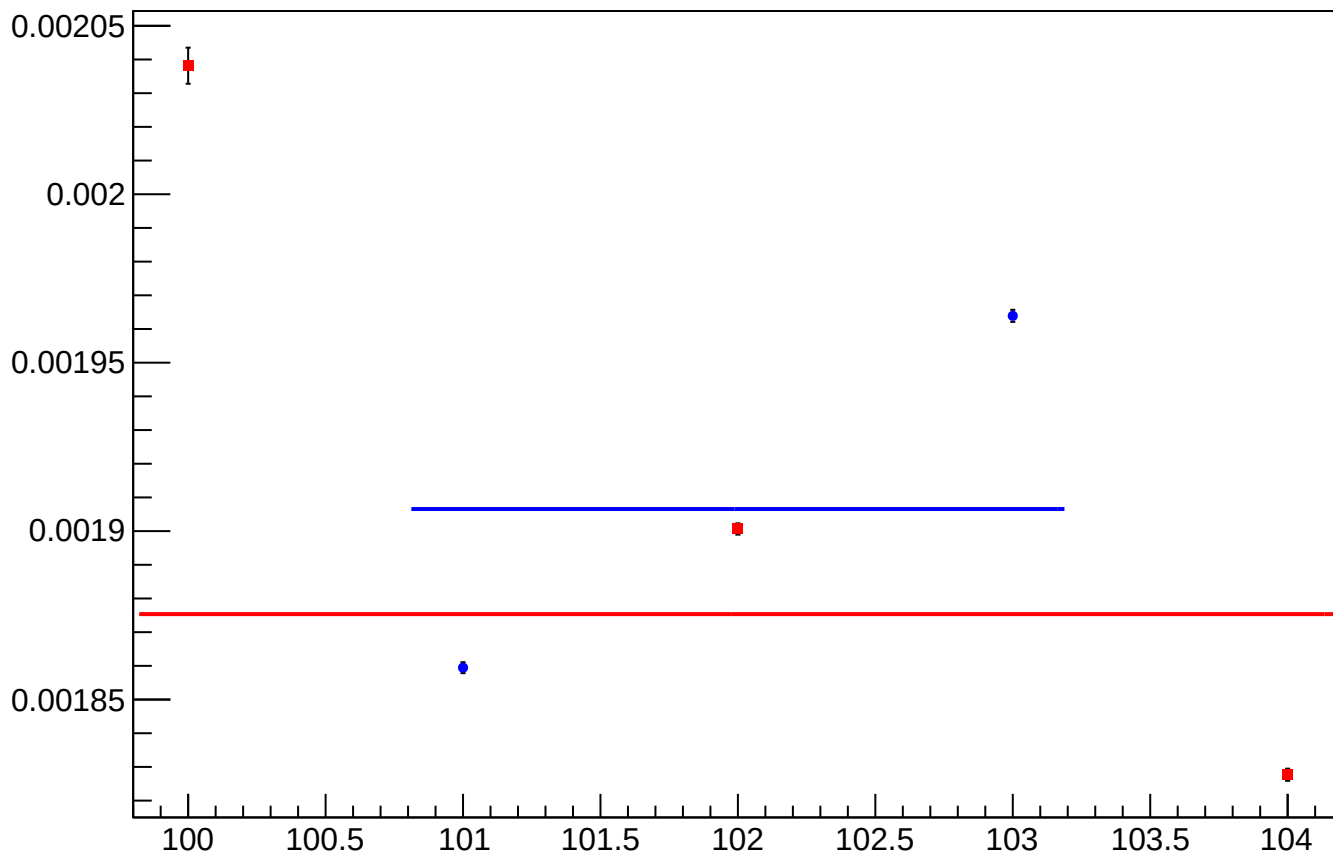
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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 : 1855.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

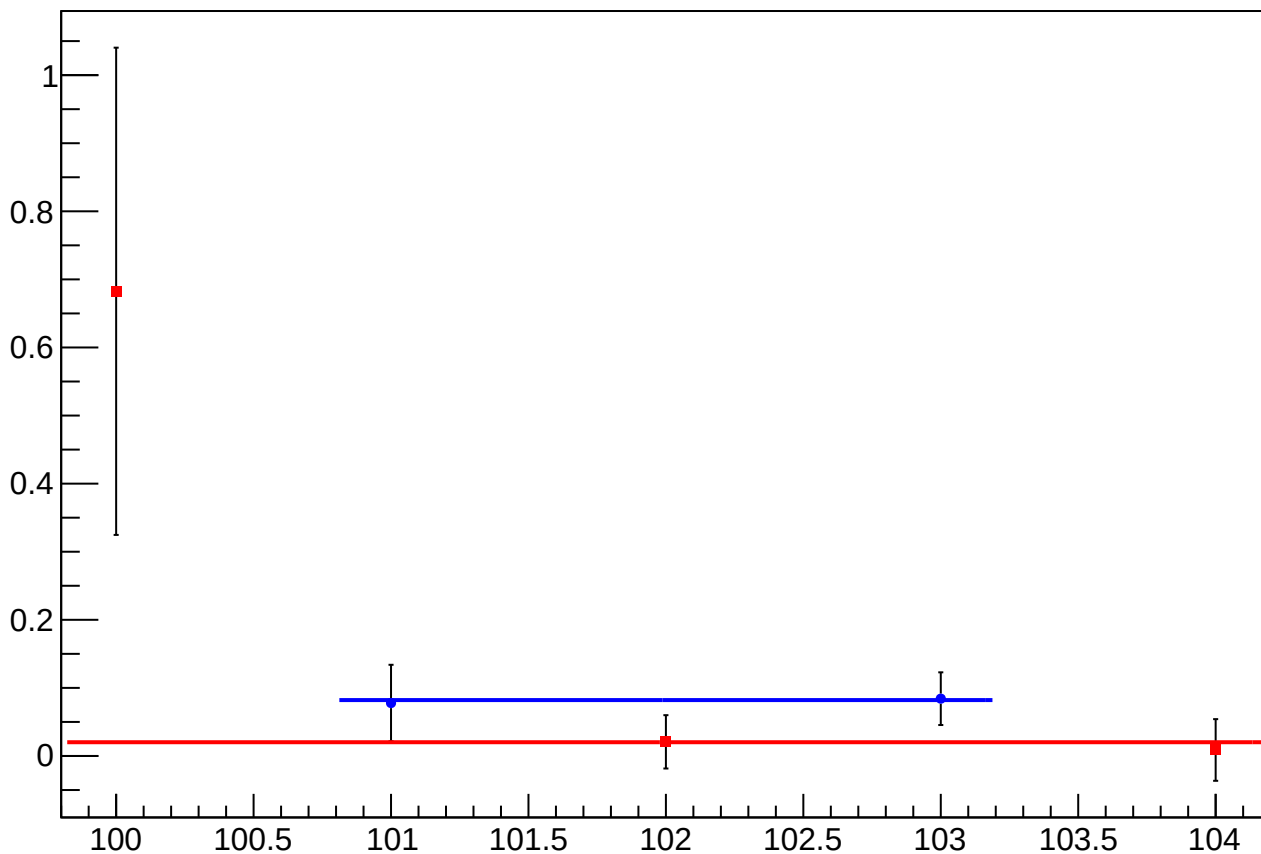
Right: 0.002+/-0.000 χ^2/NDF : 4062.7/4

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 : 4062.7/4

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082 $\pm$ 0.032 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.020 $\pm$ 0.030 χ^2 /NDF: 3.5/2

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

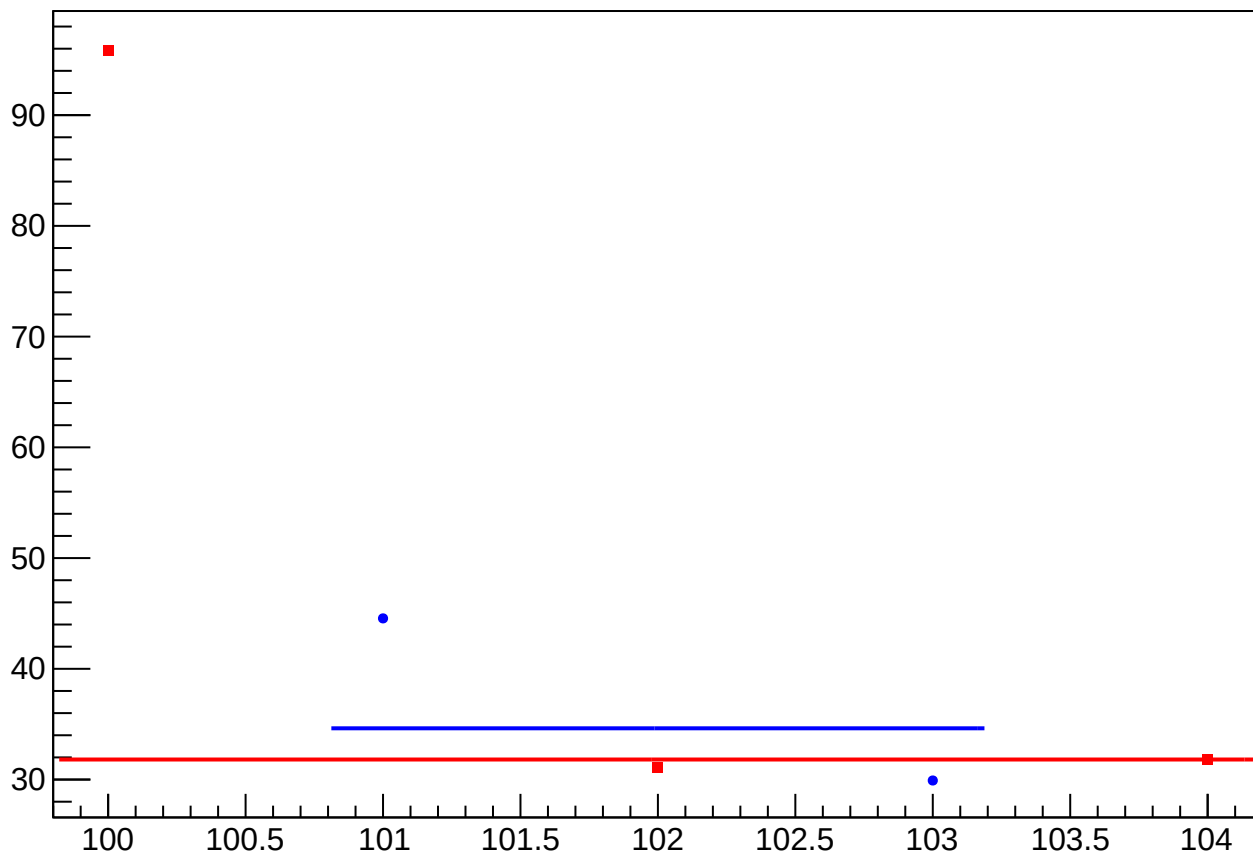
Right: 0.049 $\pm$ 0.022 χ^2 /NDF: 5.5/4

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: 0.049 $\pm$ 0.022 χ^2 /NDF: 5.5/4

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.628 ± 0.023 $\chi^2/\text{NDF}: 92172.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.810 ± 0.021 $\chi^2/\text{NDF}: 64784.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

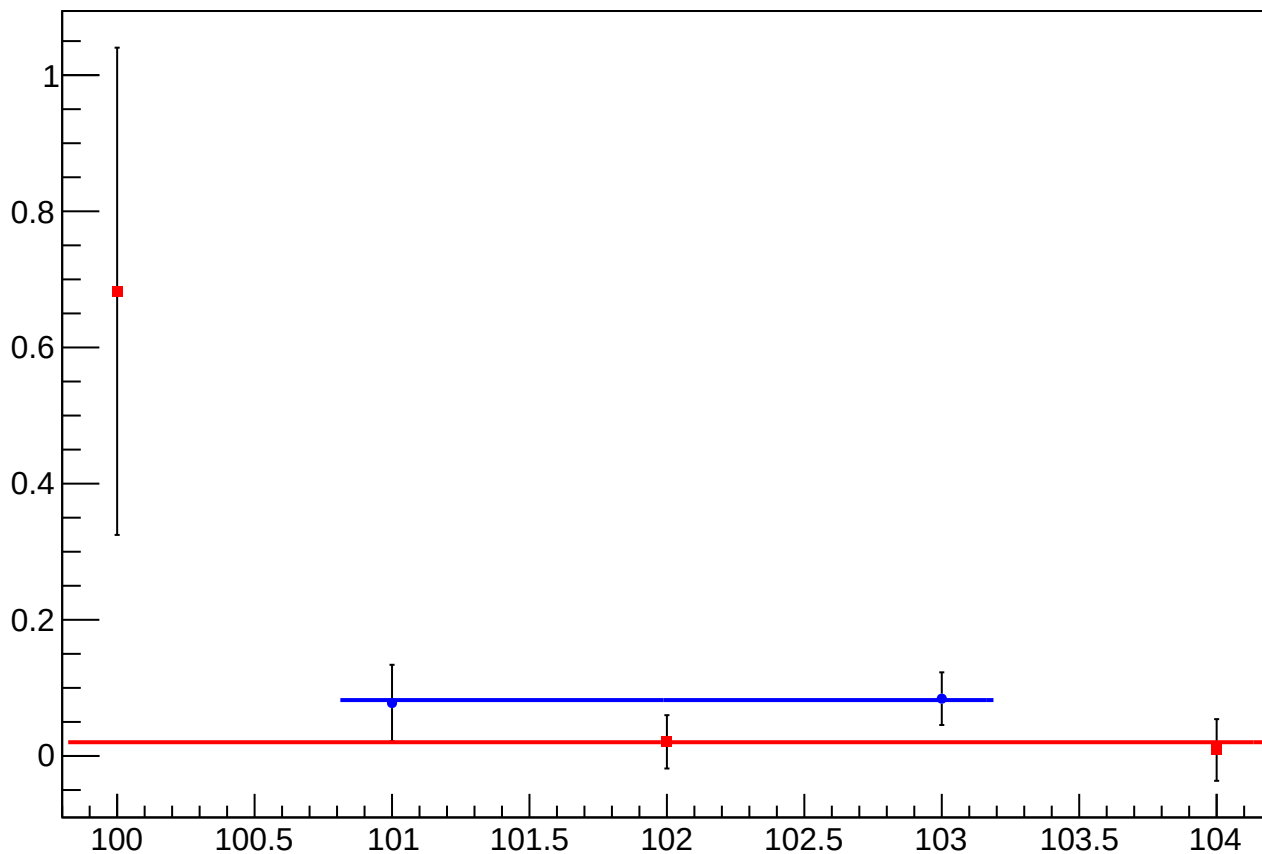
Right: 33.112 ± 0.015 $\chi^2/\text{NDF}: 165371.6/4$

In: 34.628 ± 0.023 $\chi^2/\text{NDF}: 92172.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 33.112 ± 0.015 $\chi^2/\text{NDF}: 165371.6/4$

asym_sam6_eigen_dit_vs_eigen_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: 0.020+/-0.030 χ^2/NDF : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

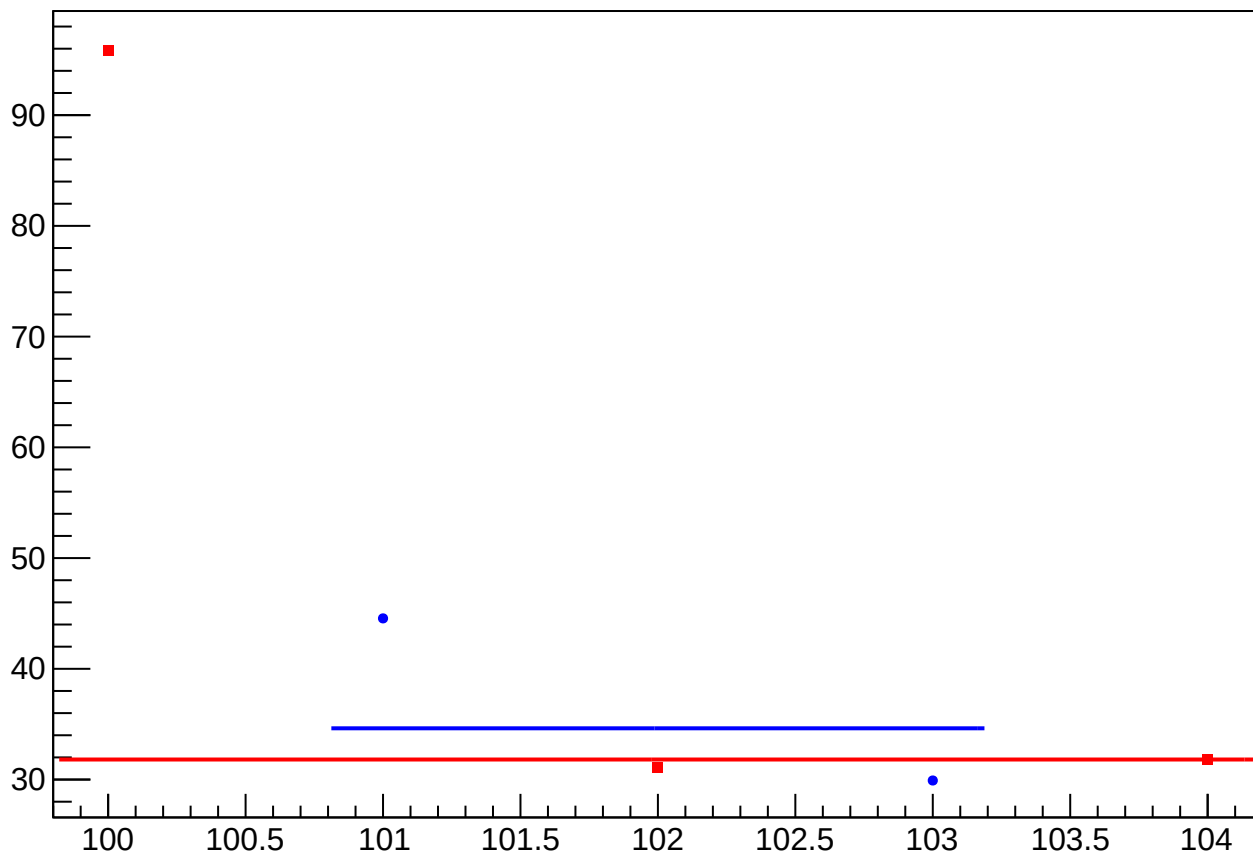
Right: 0.049+/-0.022 χ^2/NDF : 5.5/4

In: 0.082+/-0.032 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-0.022 χ^2/NDF : 5.5/4

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: 31.810+/-0.021 χ^2/NDF : 64784.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

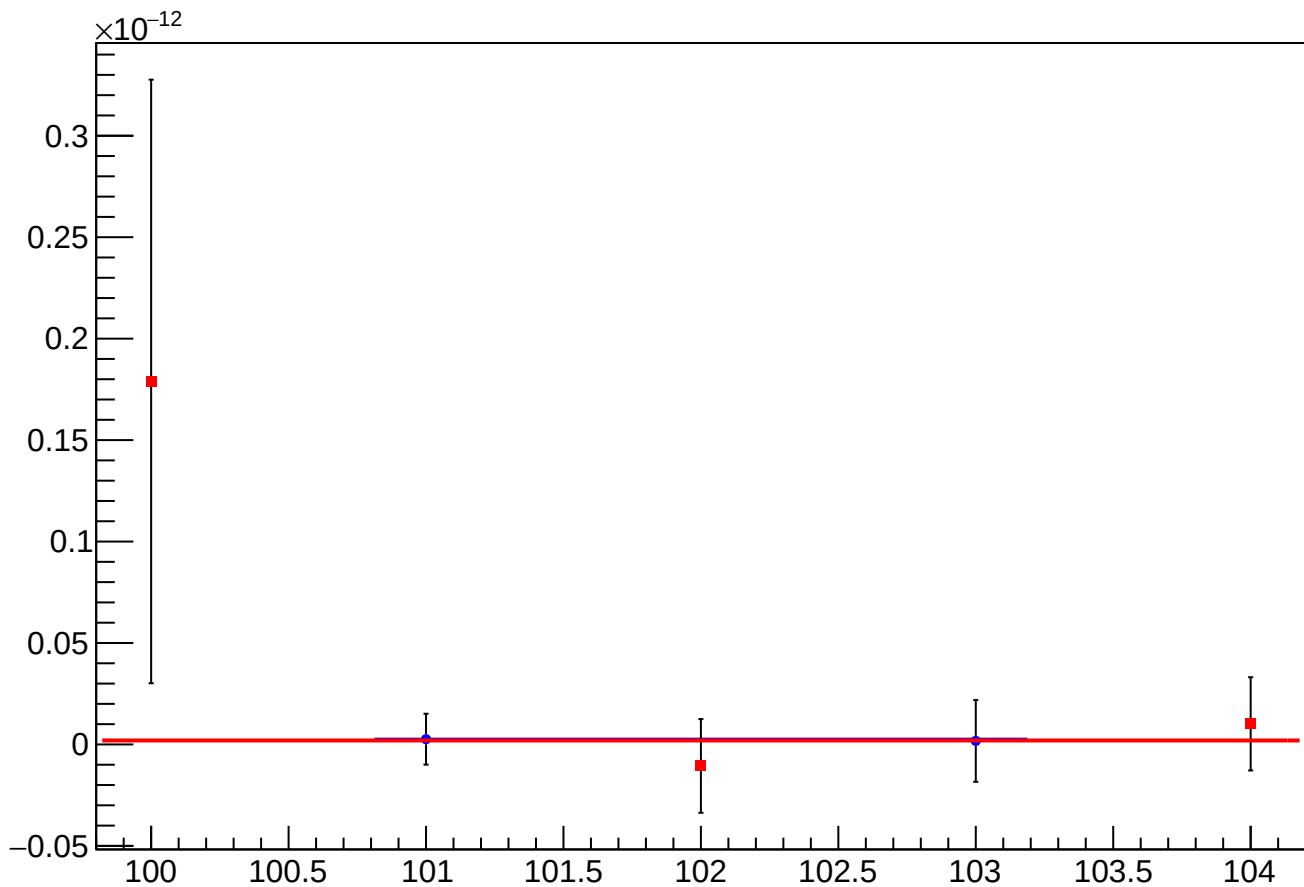
Right: 33.112+/-0.015 χ^2/NDF : 165371.6/4

In: 34.628+/-0.023 χ^2/NDF : 92172.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.112+/-0.015 χ^2/NDF : 165371.6/4

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 : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

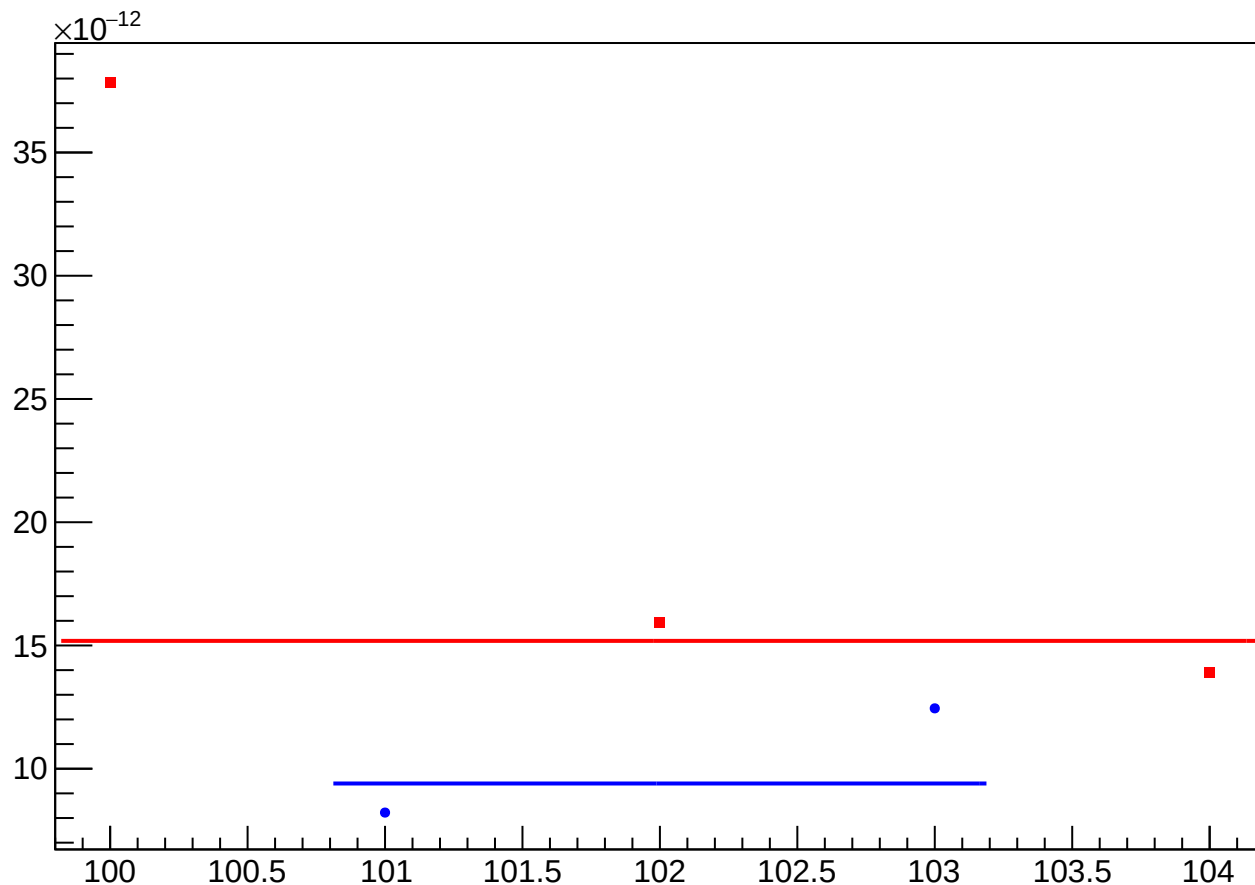
Right: 0.000+/-0.000 χ^2/NDF : 1.8/4

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 : 1.8/4

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 : 54622.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

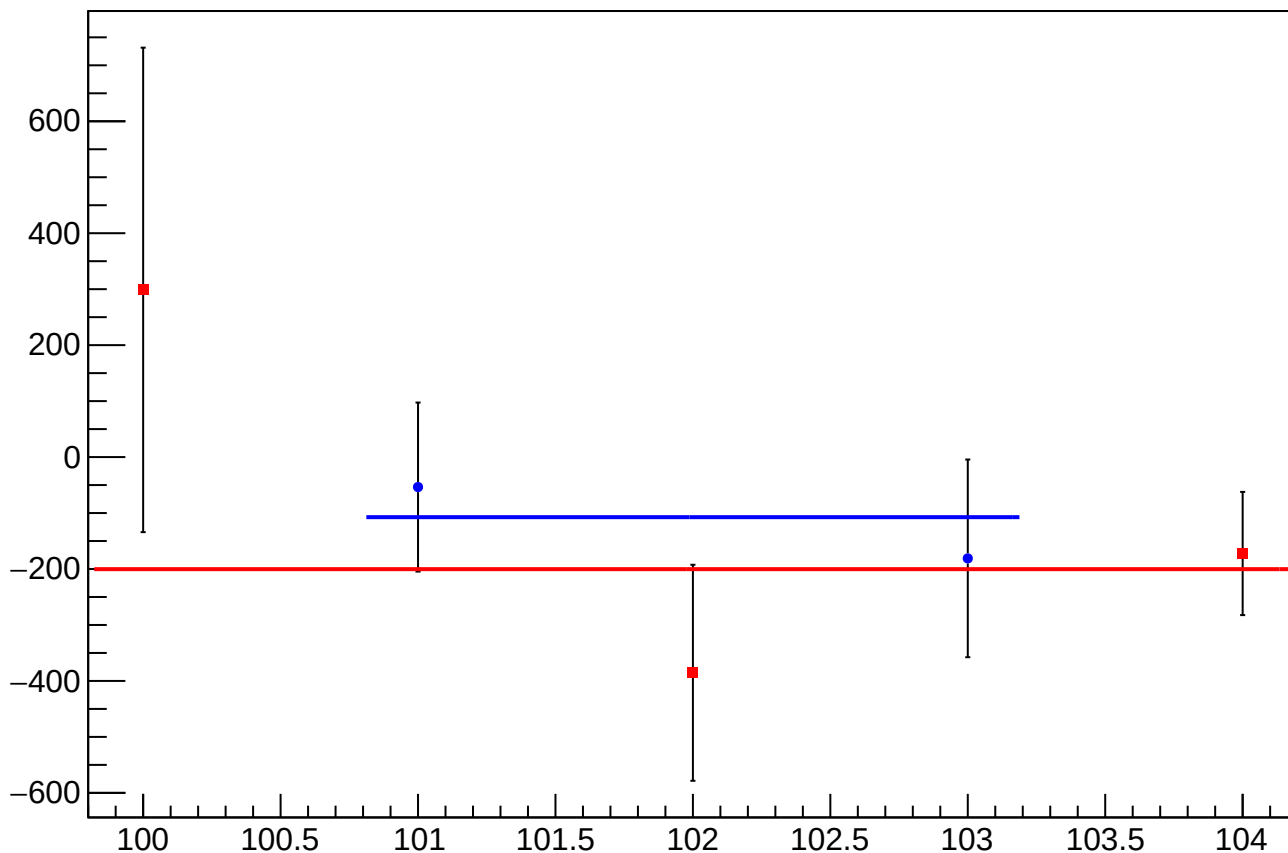
Right: 0.000+/-0.000 χ^2/NDF : 296208.1/4

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 : 296208.1/4

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: -200.259+/-93.369 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

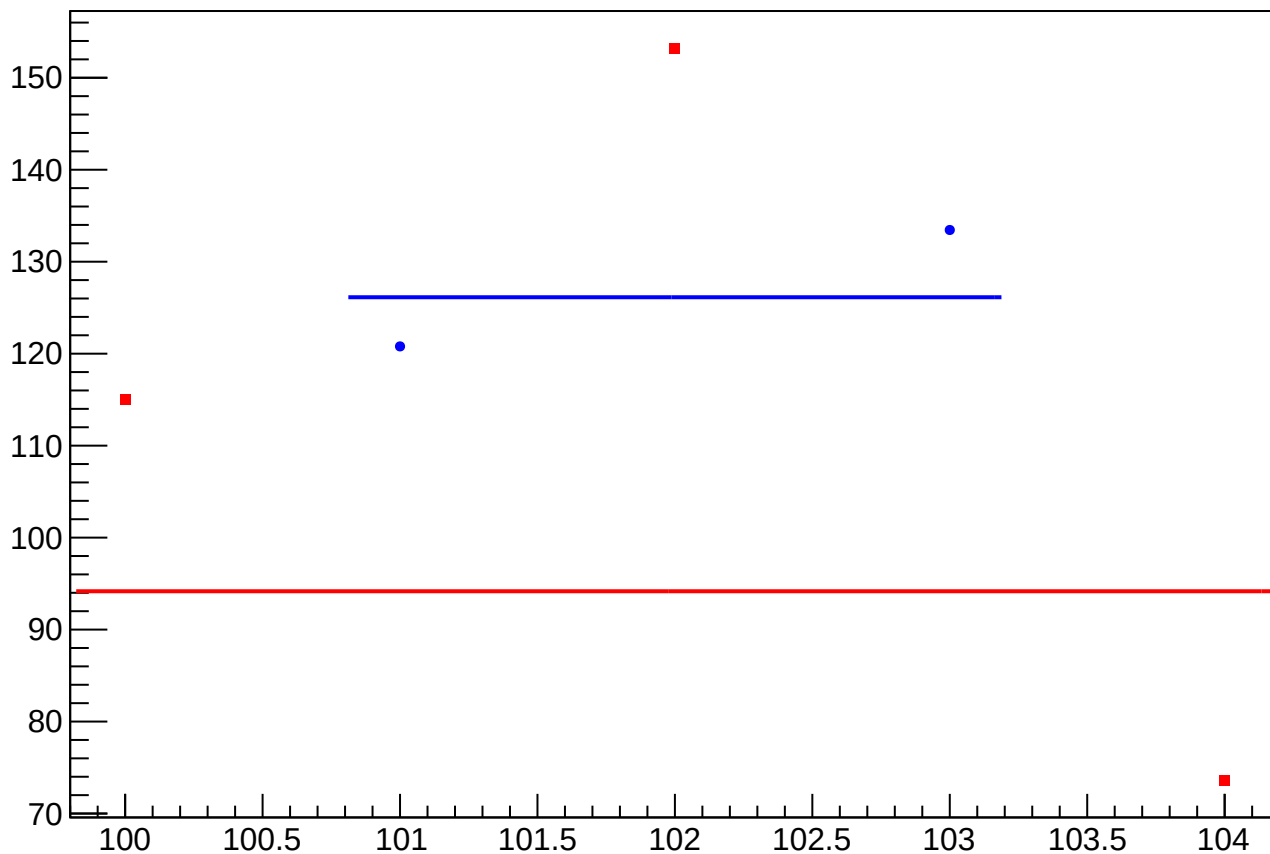
Right: -163.266+/-72.427 χ^2/NDF : 3.0/4

In: -107.375+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.266+/-72.427 χ^2/NDF : 3.0/4

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: 94.168 $\pm$ 0.066 χ^2 /NDF: 260904.0/2

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

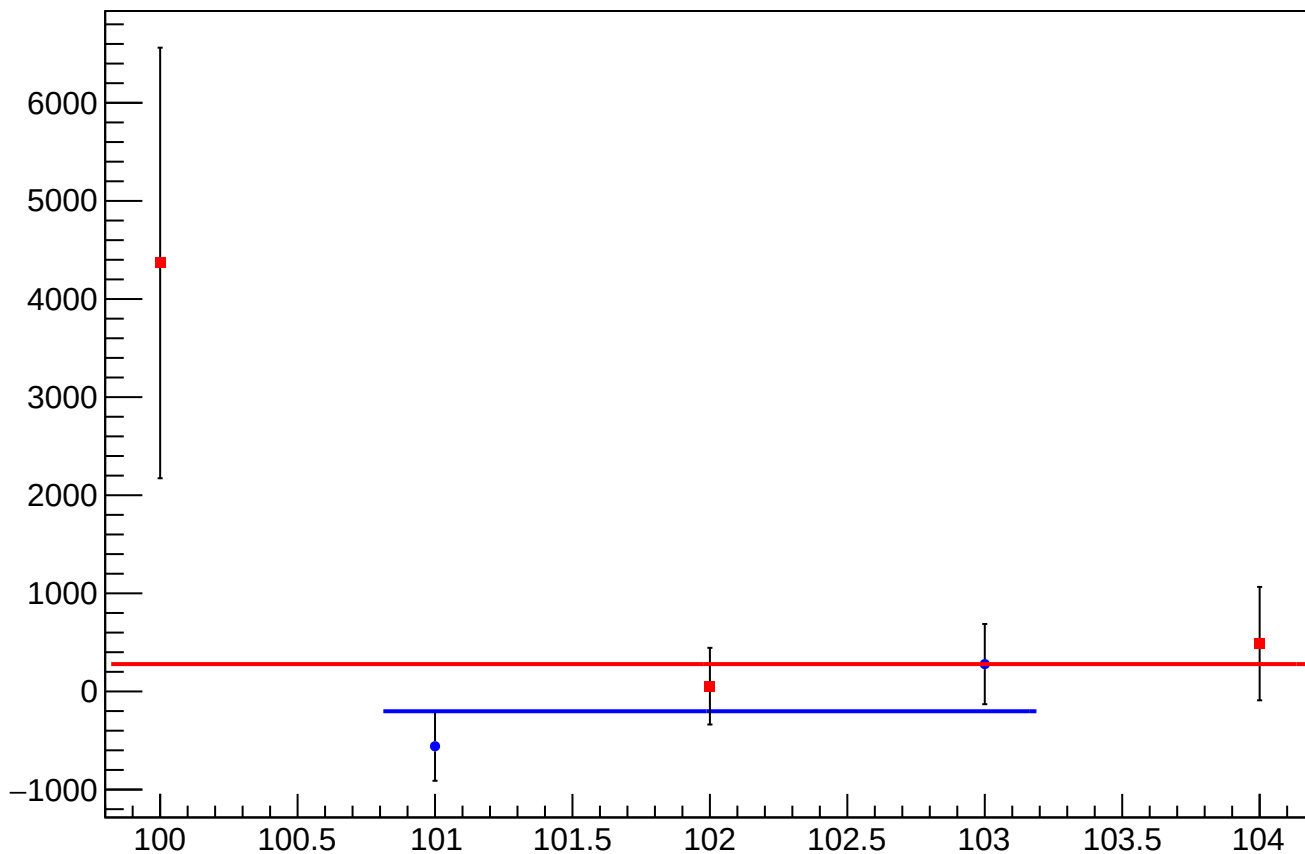
Right: 106.900 $\pm$ 0.051 χ^2 /NDF: 360211.6/4

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: 106.900 $\pm$ 0.051 χ^2 /NDF: 360211.6/4

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -201.801 $\pm$ 266.798 χ^2 /NDF: 2.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 278.889 $\pm$ 320.264 χ^2 /NDF: 3.9/2

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

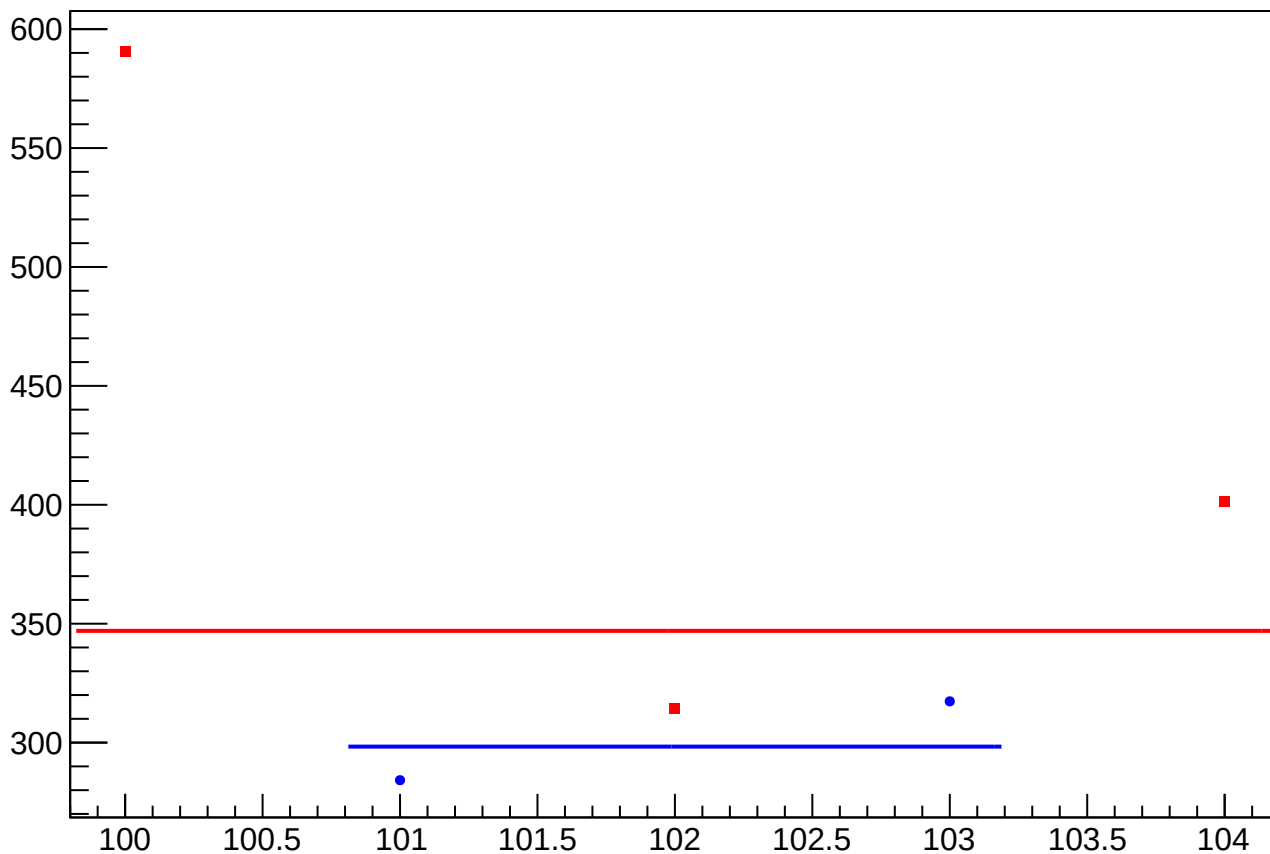
Right: -4.874 $\pm$ 204.988 χ^2 /NDF: 7.7/4

In: -201.801 $\pm$ 266.798 χ^2 /NDF: 2.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.874 $\pm$ 204.988 χ^2 /NDF: 7.7/4

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 298.314 $\pm$ 0.189 χ^2 /NDF: 7553.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 346.989 $\pm$ 0.226 χ^2 /NDF: 56429.1/2

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

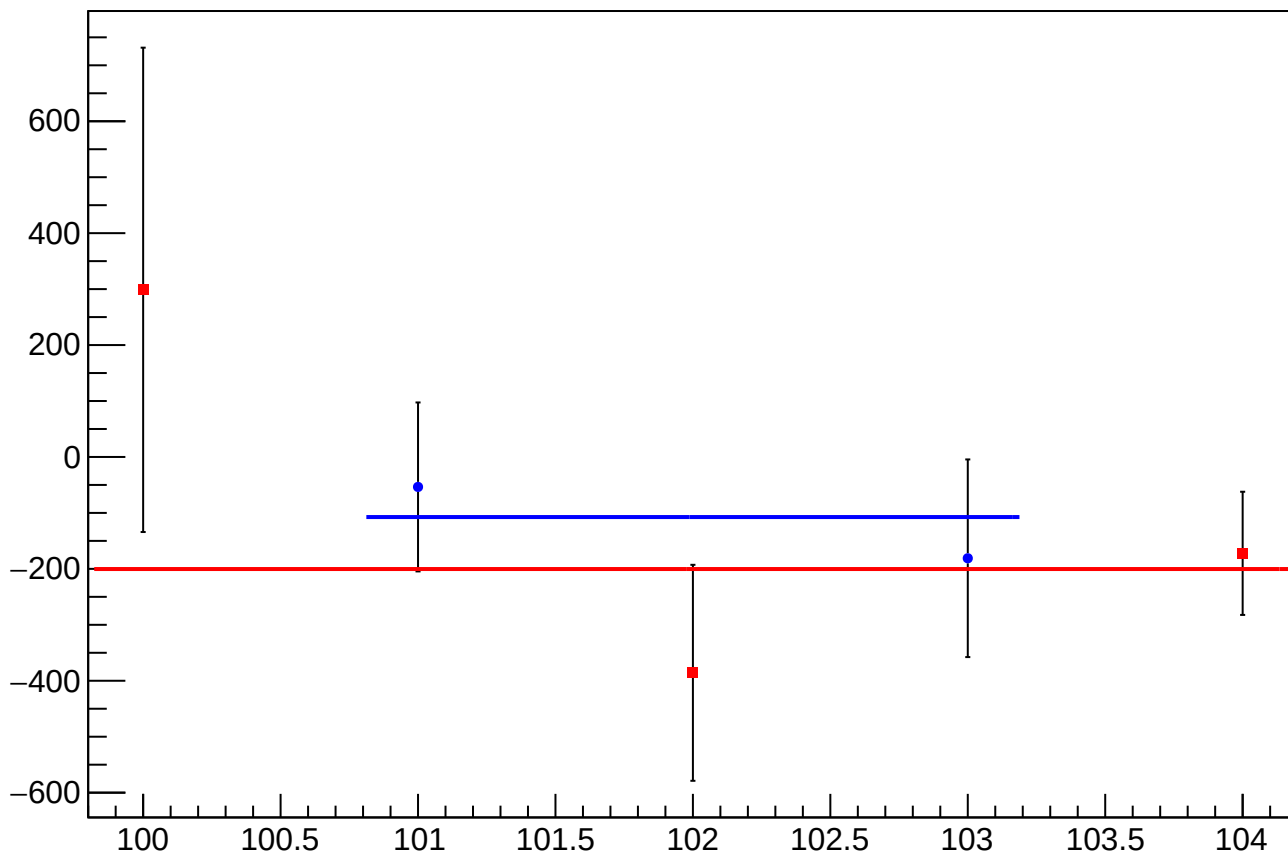
Right: 318.255 $\pm$ 0.145 χ^2 /NDF: 91254.9/4

In: 298.314 $\pm$ 0.189 χ^2 /NDF:7553.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 318.255 $\pm$ 0.145 χ^2 /NDF: 91254.9/4

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: -200.306+/-93.370 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

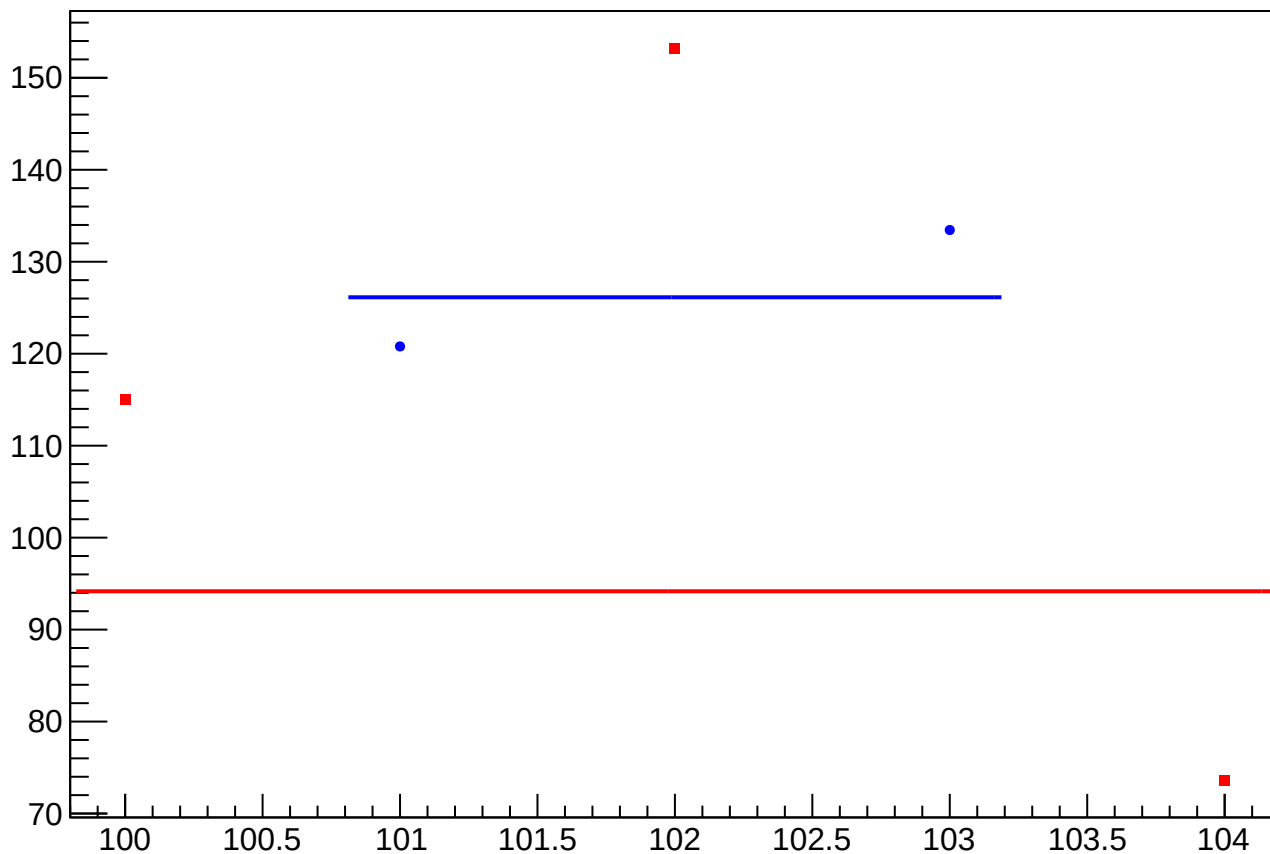
Right: -163.302+/-72.428 χ^2/NDF : 3.0/4

In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.302+/-72.428 χ^2/NDF : 3.0/4

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: 94.168 $\pm$ 0.066 χ^2 /NDF: 260925.0/2

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

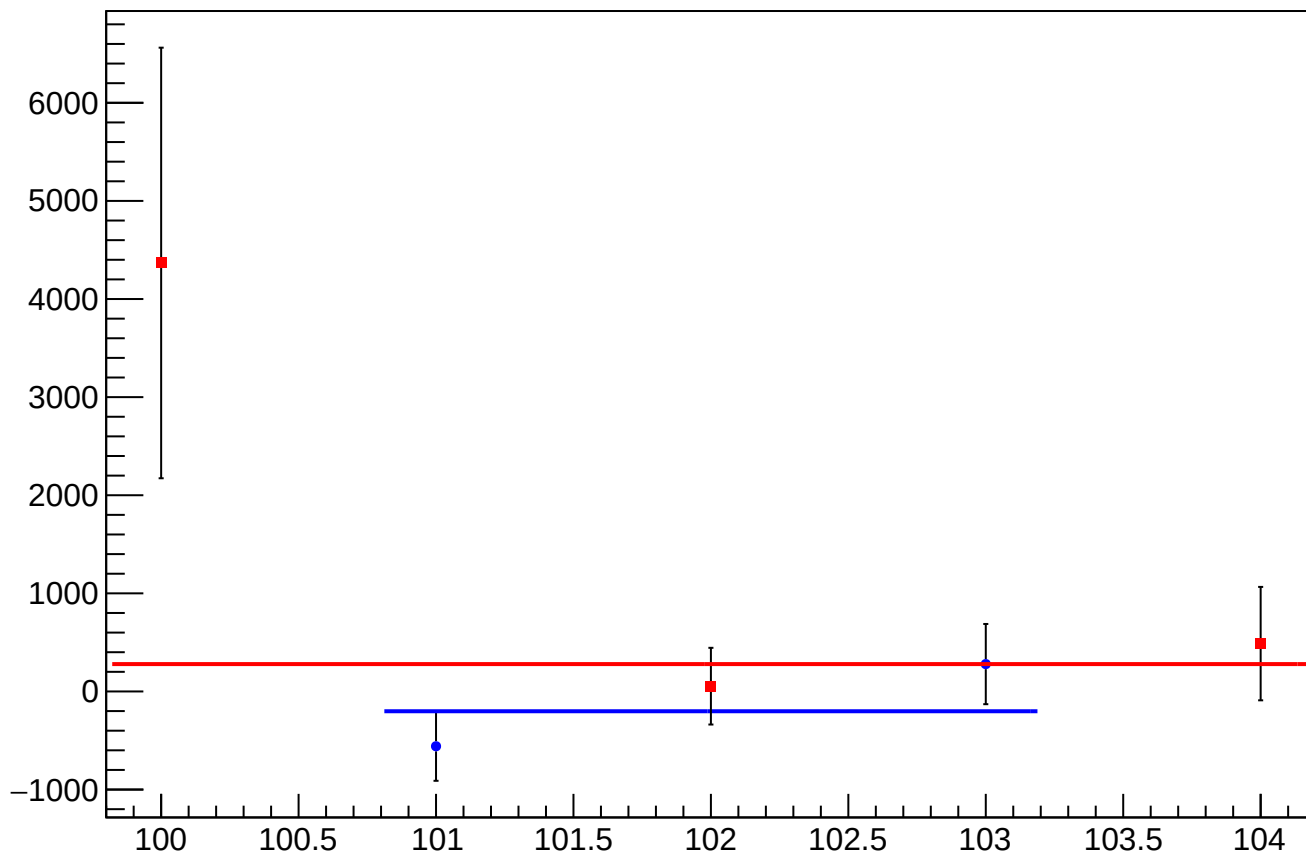
Right: 106.900 $\pm$ 0.051 χ^2 /NDF: 360230.2/4

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: 106.900 $\pm$ 0.051 χ^2 /NDF: 360230.2/4

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: 278.954+/-320.363 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

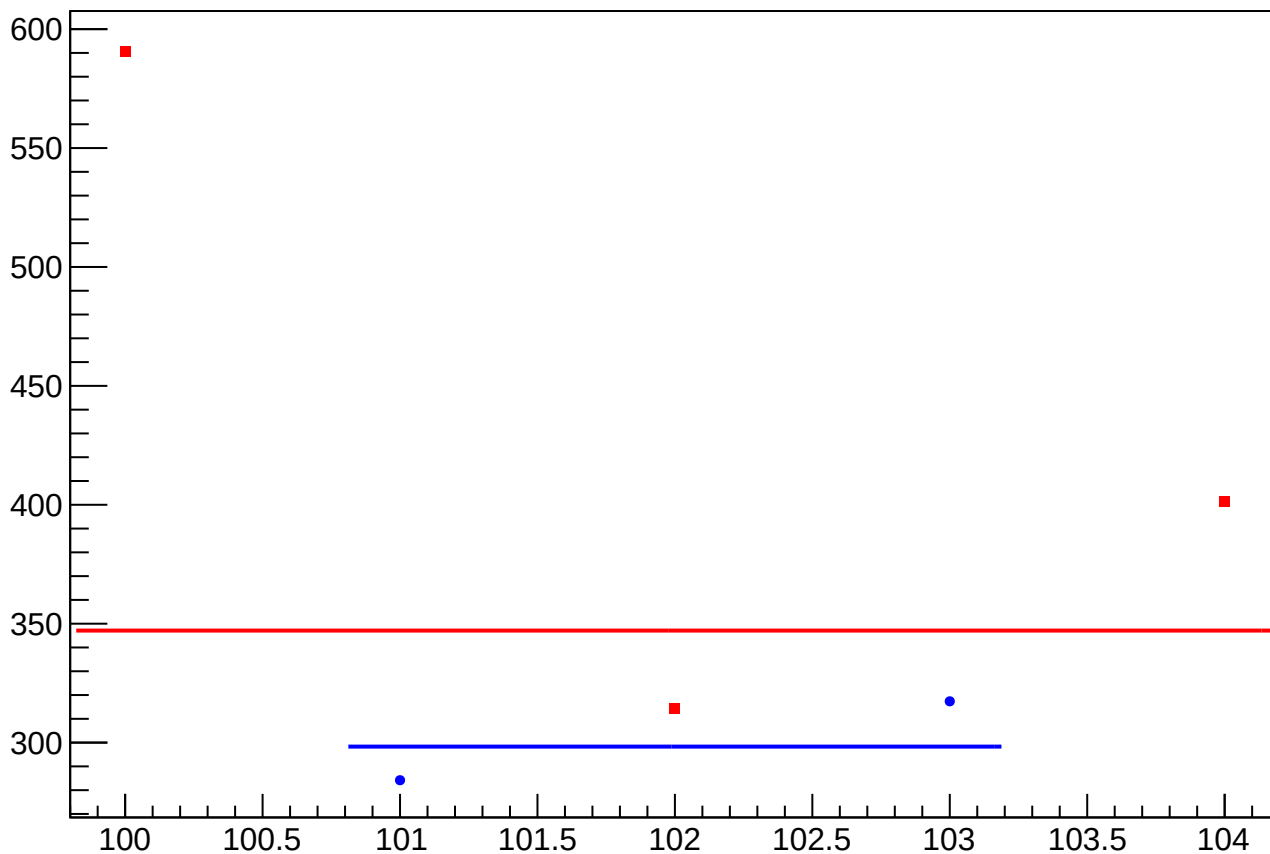
Right: -4.899+/-205.017 χ^2/NDF : 7.7/4

In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.899+/-205.017 χ^2/NDF : 7.7/4

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 298.322 ± 0.189 $\chi^2/\text{NDF}: 7561.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 347.107 ± 0.227 $\chi^2/\text{NDF}: 56294.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

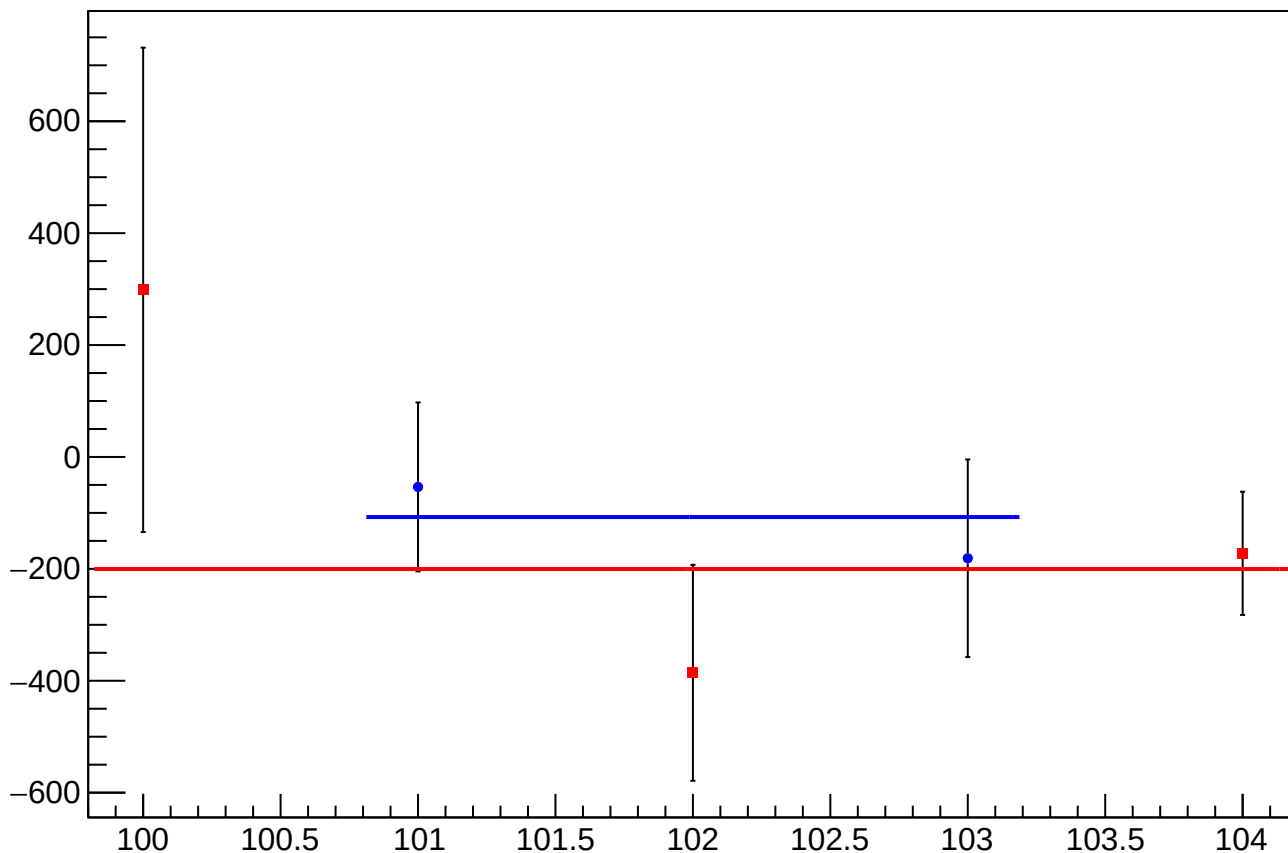
Right: 318.301 ± 0.145 $\chi^2/\text{NDF}: 91242.0/4$

In: 298.322 ± 0.189 $\chi^2/\text{NDF}: 7561.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 318.301 ± 0.145 $\chi^2/\text{NDF}: 91242.0/4$

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: -200.306+/-93.370 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

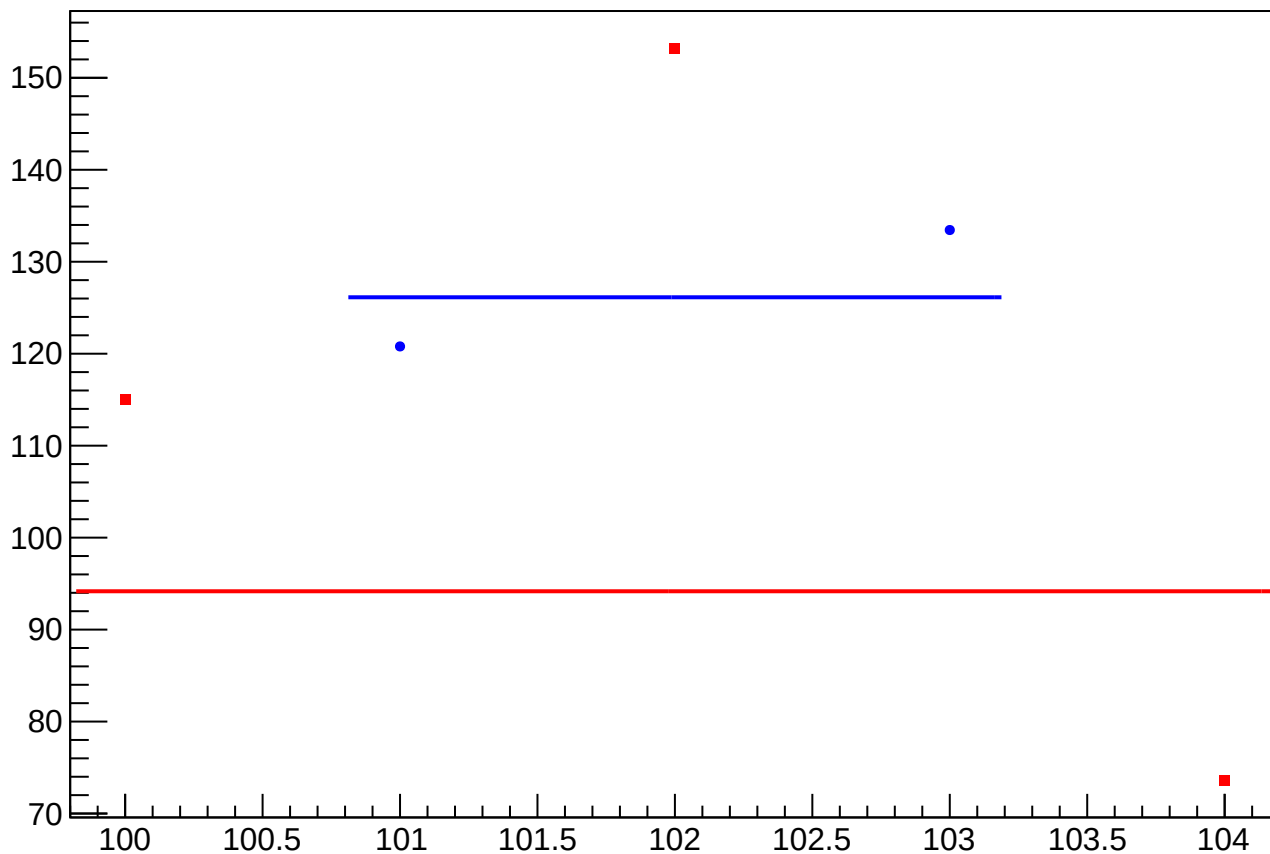
Right: -163.302+/-72.428 χ^2/NDF : 3.0/4

In: -107.396+/-114.766 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.302+/-72.428 χ^2/NDF : 3.0/4

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 126.136 $\pm$ 0.081 χ^2 /NDF: 5934.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 94.168 $\pm$ 0.066 χ^2 /NDF: 260925.0/2

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

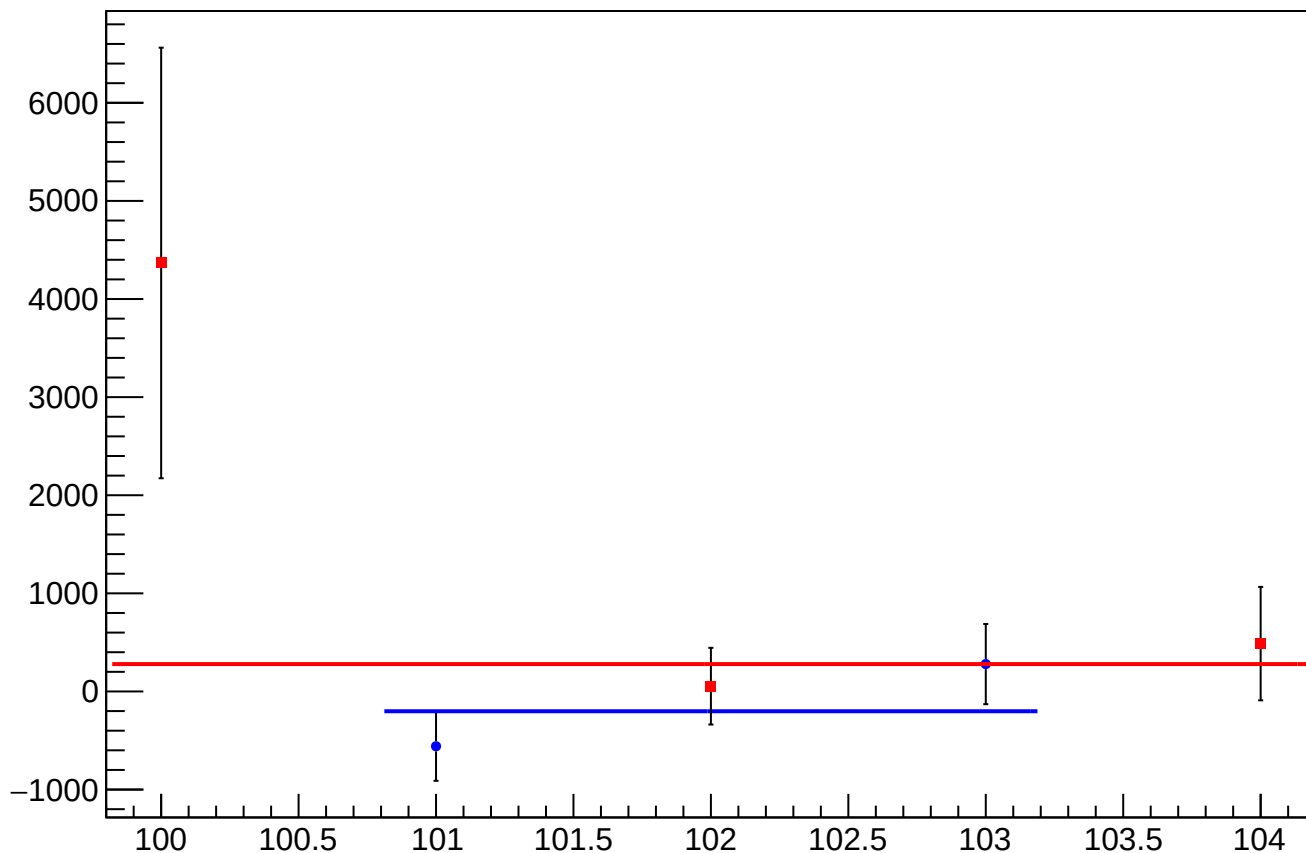
Right: 106.900 $\pm$ 0.051 χ^2 /NDF: 360230.2/4

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: 106.900 $\pm$ 0.051 χ^2 /NDF: 360230.2/4

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.954+/-320.363 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

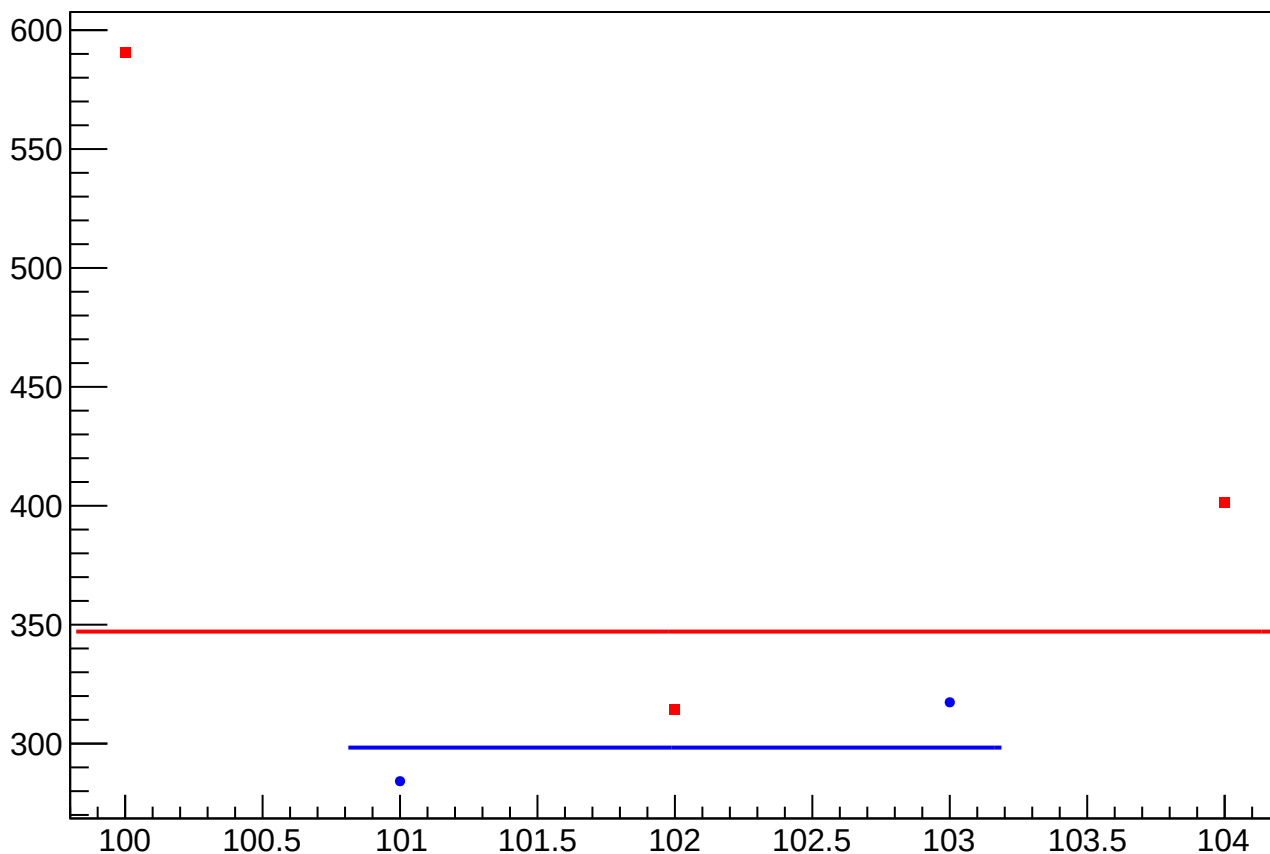
Right: -4.899+/-205.017 χ^2/NDF : 7.7/4

In: -201.778+/-266.805 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.899+/-205.017 χ^2/NDF : 7.7/4

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: 347.107+/-0.227 χ^2/NDF : 56294.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

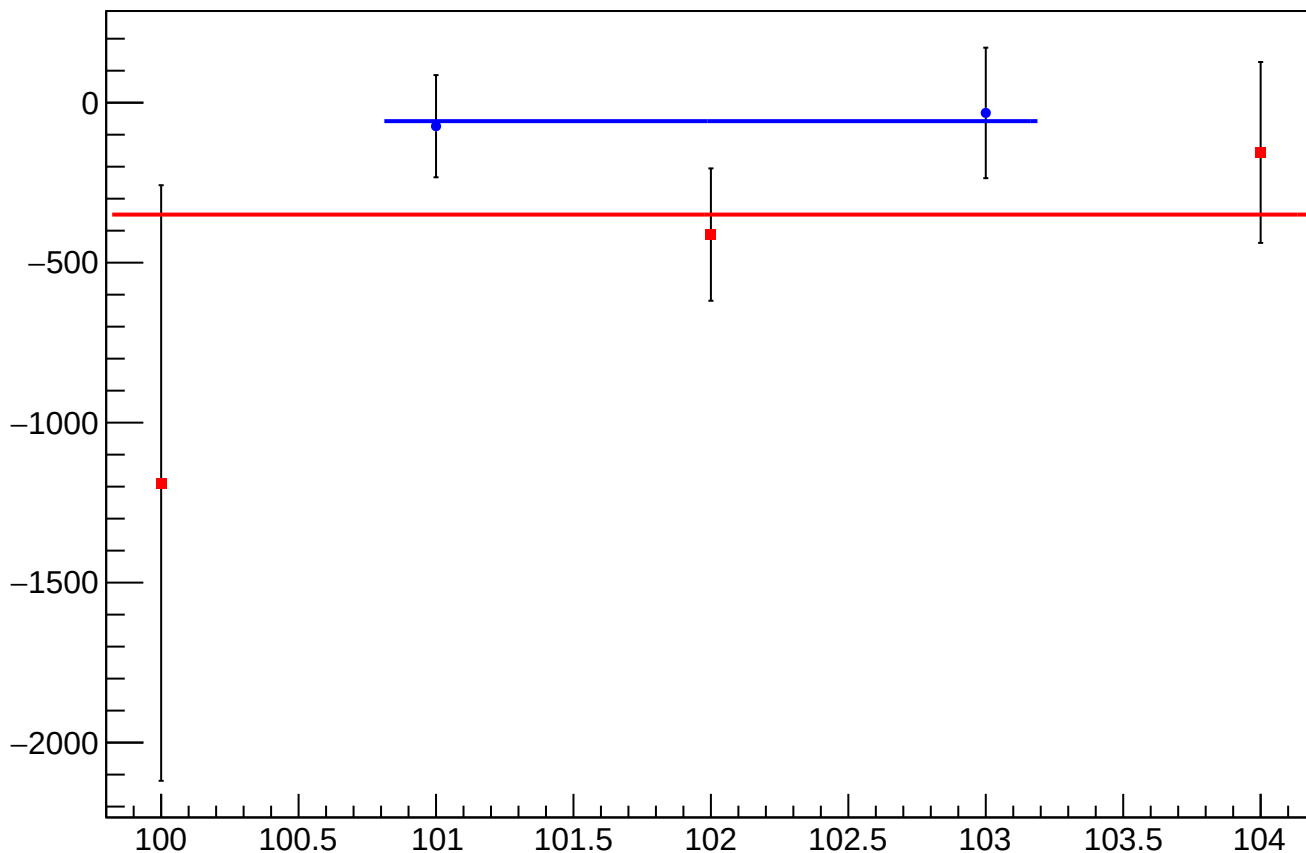
Right: 318.301+/-0.145 χ^2/NDF : 91242.0/4

In: 298.322+/-0.189 χ^2/NDF : 7561.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.301+/-0.145 χ^2/NDF : 91242.0/4

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.680 ± 125.737 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -349.735 ± 164.315 $\chi^2/\text{NDF}: 1.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

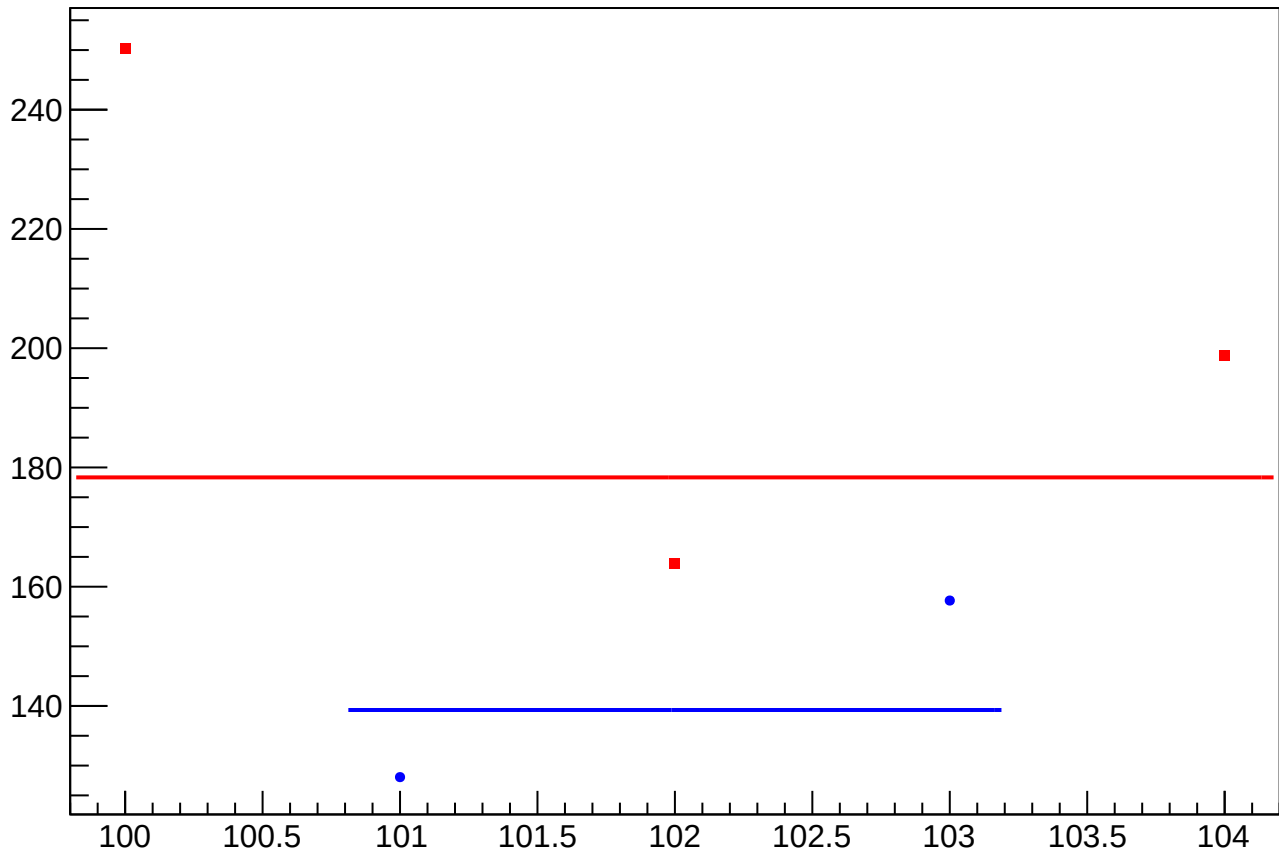
Right: -165.538 ± 99.856 $\chi^2/\text{NDF}: 3.4/4$

In: -57.680 ± 125.737 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -165.538 ± 99.856 $\chi^2/\text{NDF}: 3.4/4$

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322 $\pm$ 0.089 χ^2 /NDF: 26142.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.332 $\pm$ 0.116 χ^2 /NDF: 32080.5/2

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

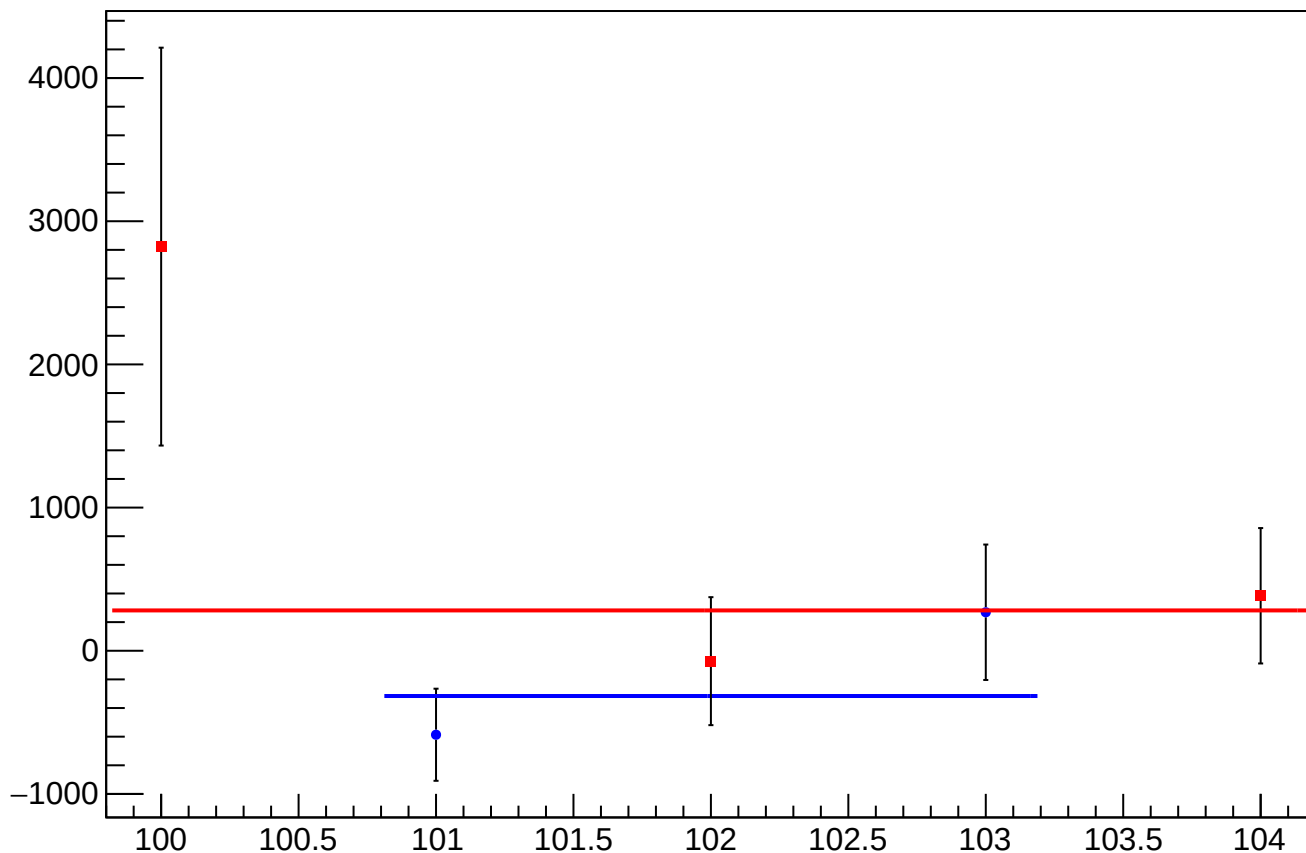
Right: 153.728 $\pm$ 0.071 χ^2 /NDF: 129319.5/4

In: 139.322 $\pm$ 0.089 χ^2 /NDF:26142.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.728 $\pm$ 0.071 χ^2 /NDF: 129319.5/4

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: 281.733+/-316.272 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

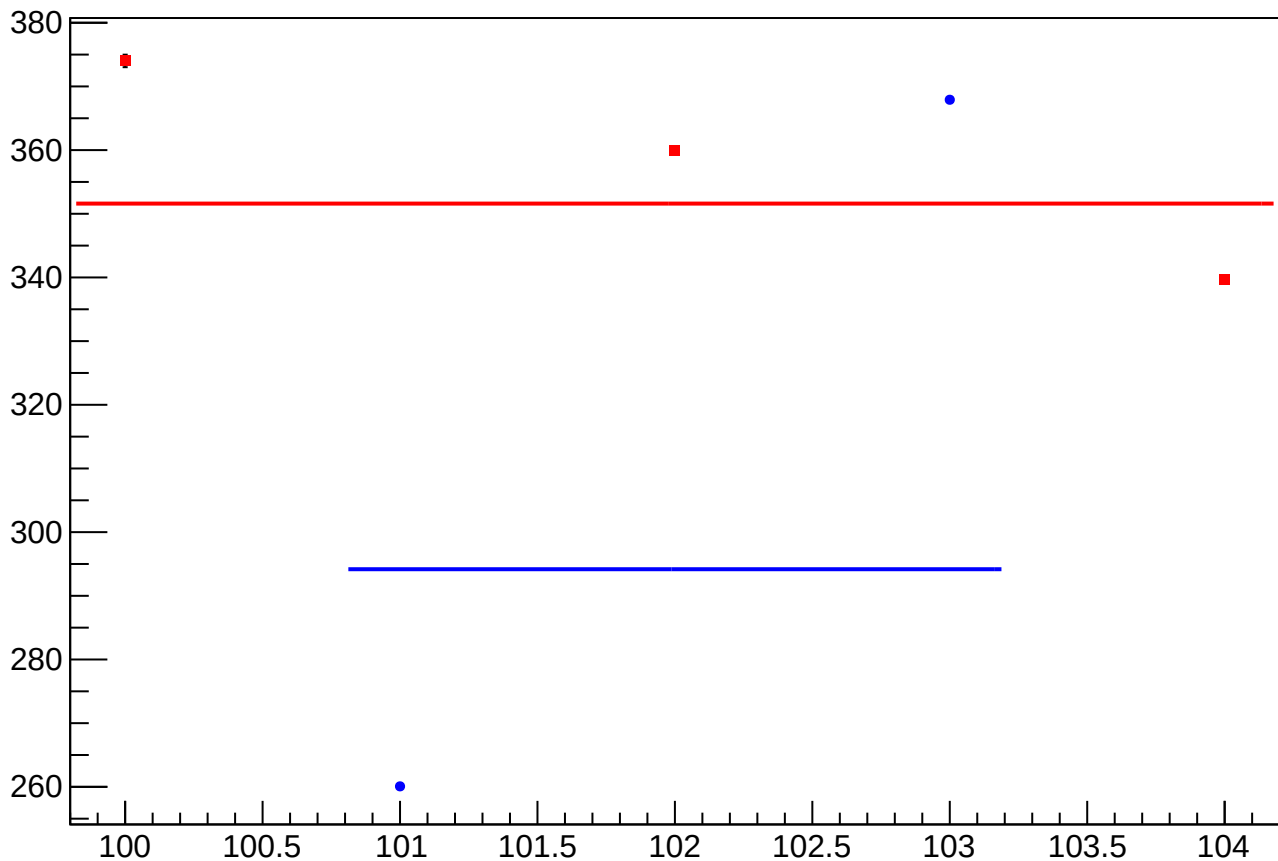
Right: -68.442+/-203.552 χ^2/NDF : 8.3/4

In: -316.058+/-265.955 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.442+/-203.552 χ^2/NDF : 8.3/4

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: 351.599+/-0.224 χ^2/NDF : 2482.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

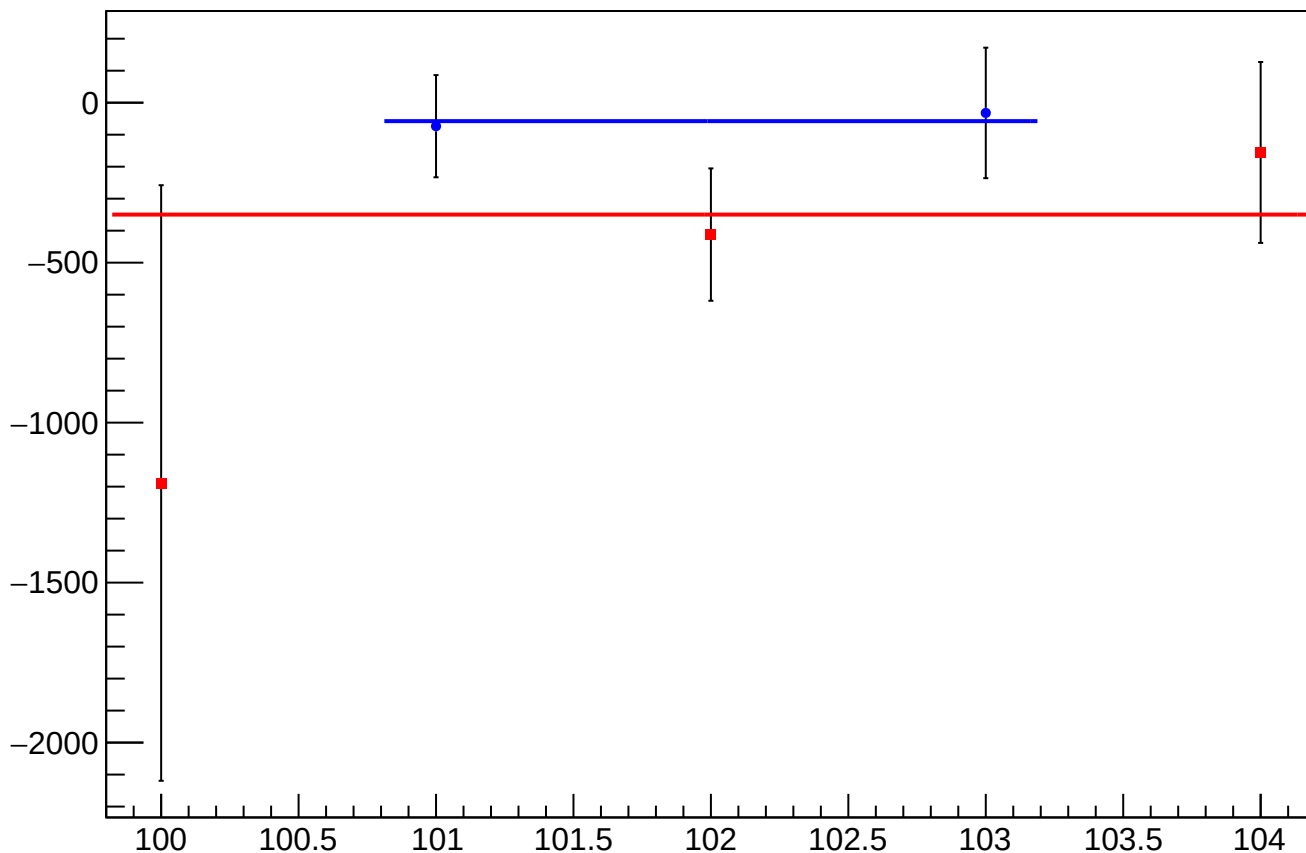
Right: 317.963+/-0.144 χ^2/NDF : 112192.4/4

In: 294.177+/-0.188 χ^2/NDF : 71091.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.963+/-0.144 χ^2/NDF : 112192.4/4

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.679 ± 125.737 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -349.735 ± 164.315 $\chi^2/\text{NDF}: 1.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

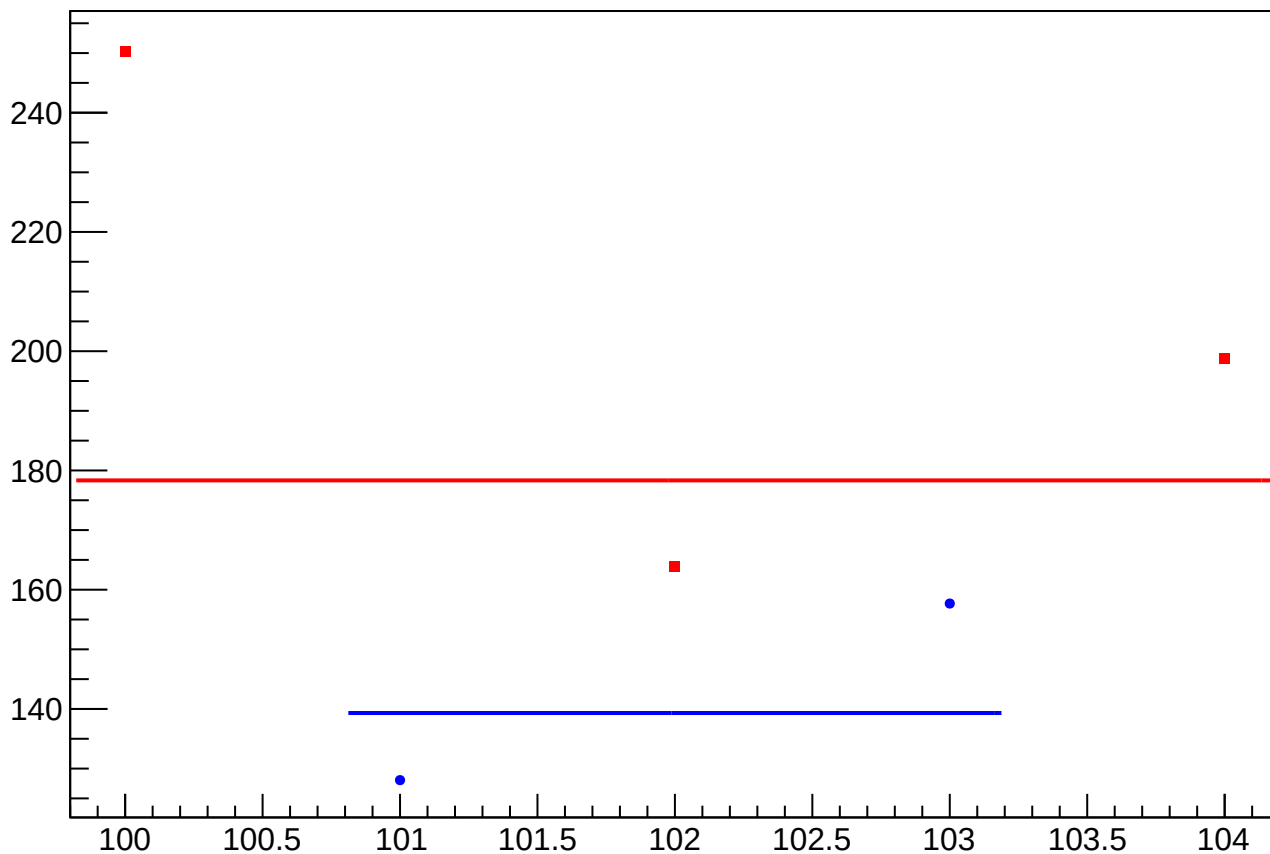
Right: -165.537 ± 99.856 $\chi^2/\text{NDF}: 3.4/4$

In: -57.679 ± 125.737 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -165.537 ± 99.856 $\chi^2/\text{NDF}: 3.4/4$

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 139.322 $\pm$ 0.089 χ^2 /NDF: 26142.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.332 $\pm$ 0.116 χ^2 /NDF: 32080.8/2

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

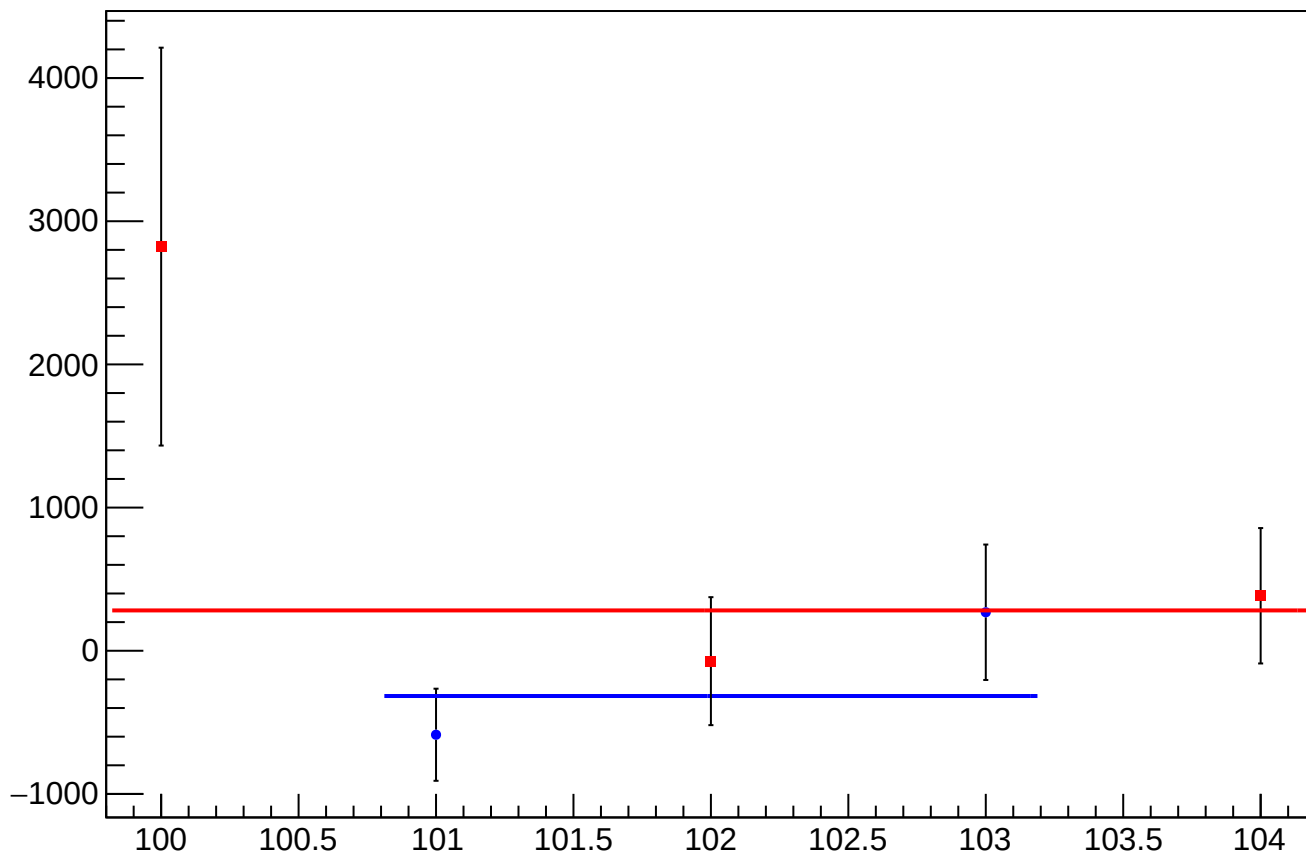
Right: 153.728 $\pm$ 0.071 χ^2 /NDF: 129318.9/4

In: 139.322 $\pm$ 0.089 χ^2 /NDF:26142.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.728 $\pm$ 0.071 χ^2 /NDF: 129318.9/4

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: 281.733+/-316.272 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

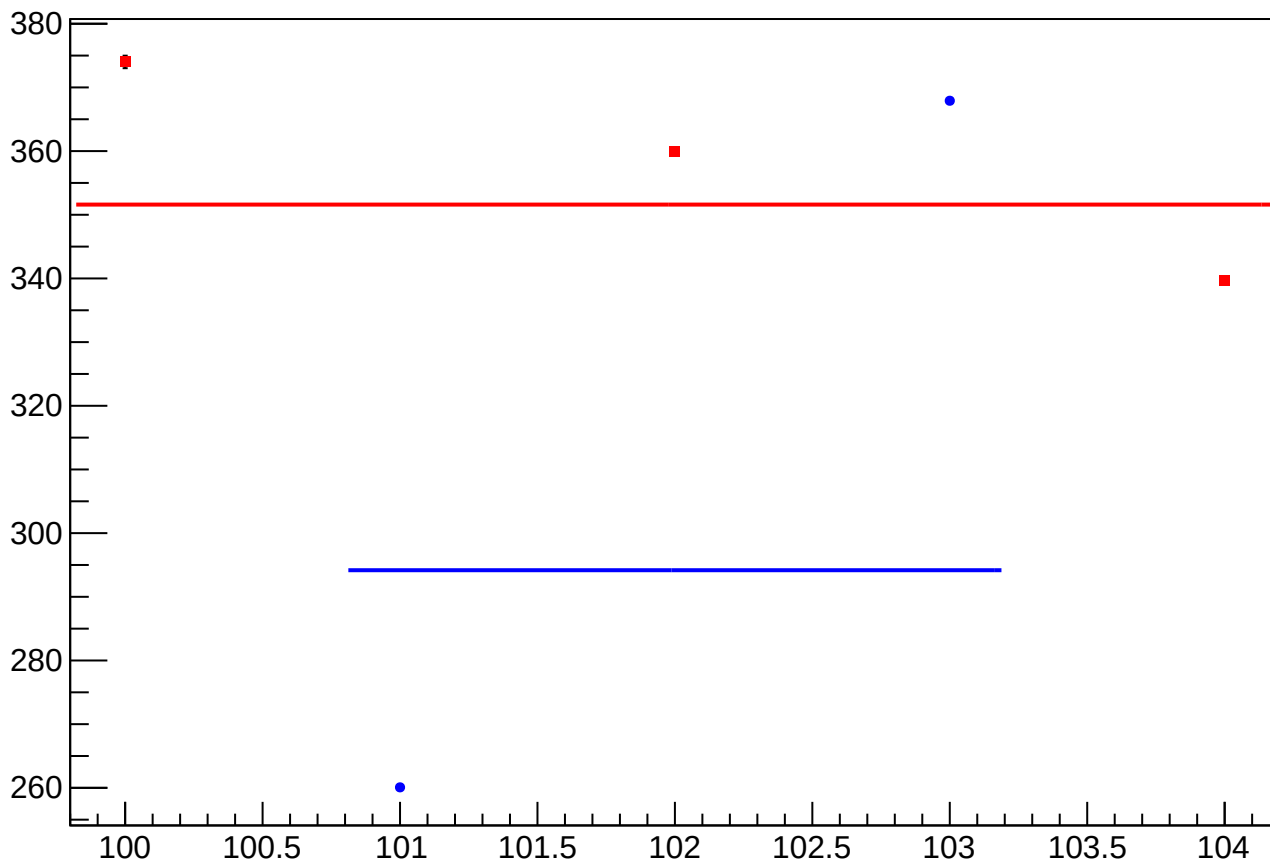
Right: -68.442+/-203.552 χ^2/NDF : 8.3/4

In: -316.058+/-265.954 χ^2/NDF : 2.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.442+/-203.552 χ^2/NDF : 8.3/4

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: 351.599+/-0.224 χ^2/NDF : 2482.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

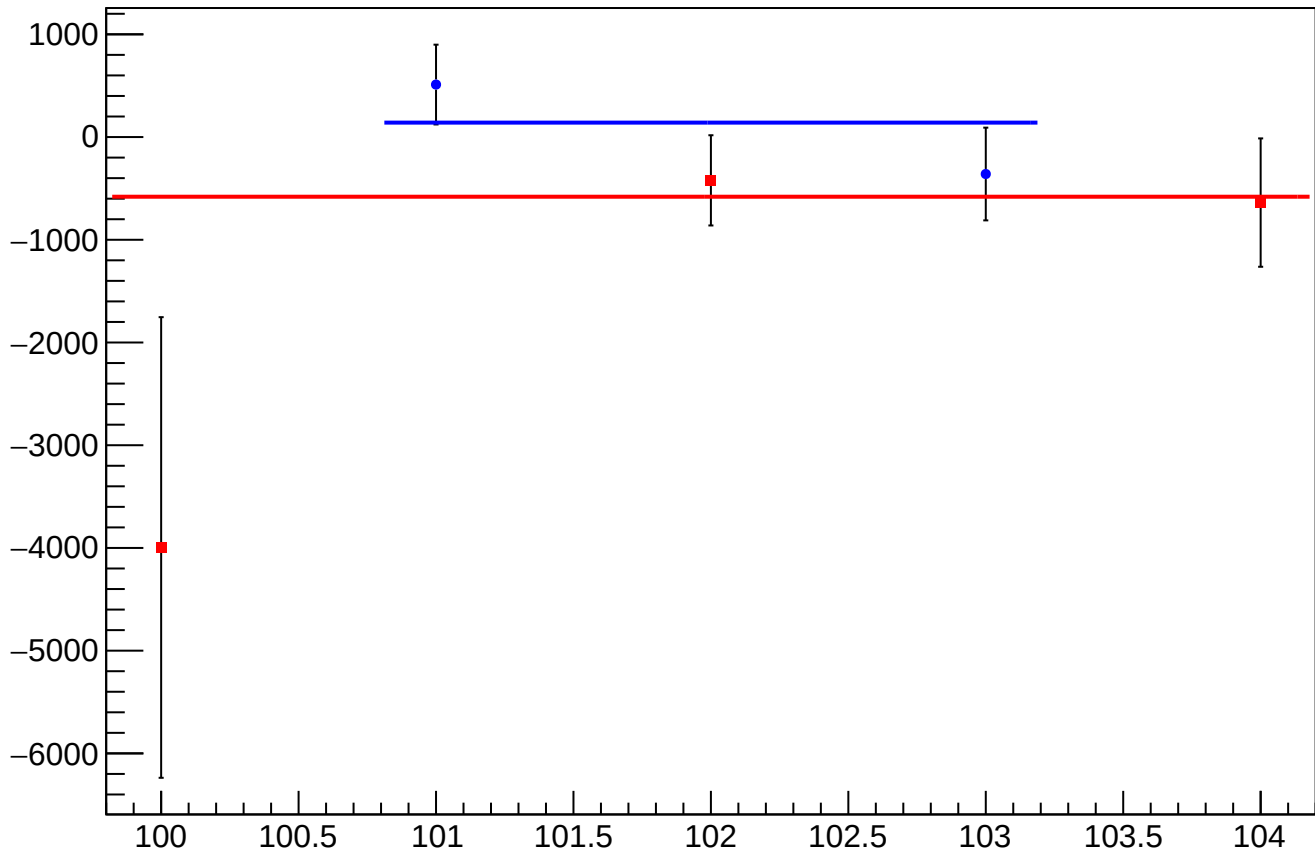
Right: 317.962+/-0.144 χ^2/NDF : 112194.0/4

In: 294.177+/-0.188 χ^2/NDF : 71092.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.962+/-0.144 χ^2/NDF : 112194.0/4

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: -580.798 ± 354.773 χ^2/NDF : 2.5/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

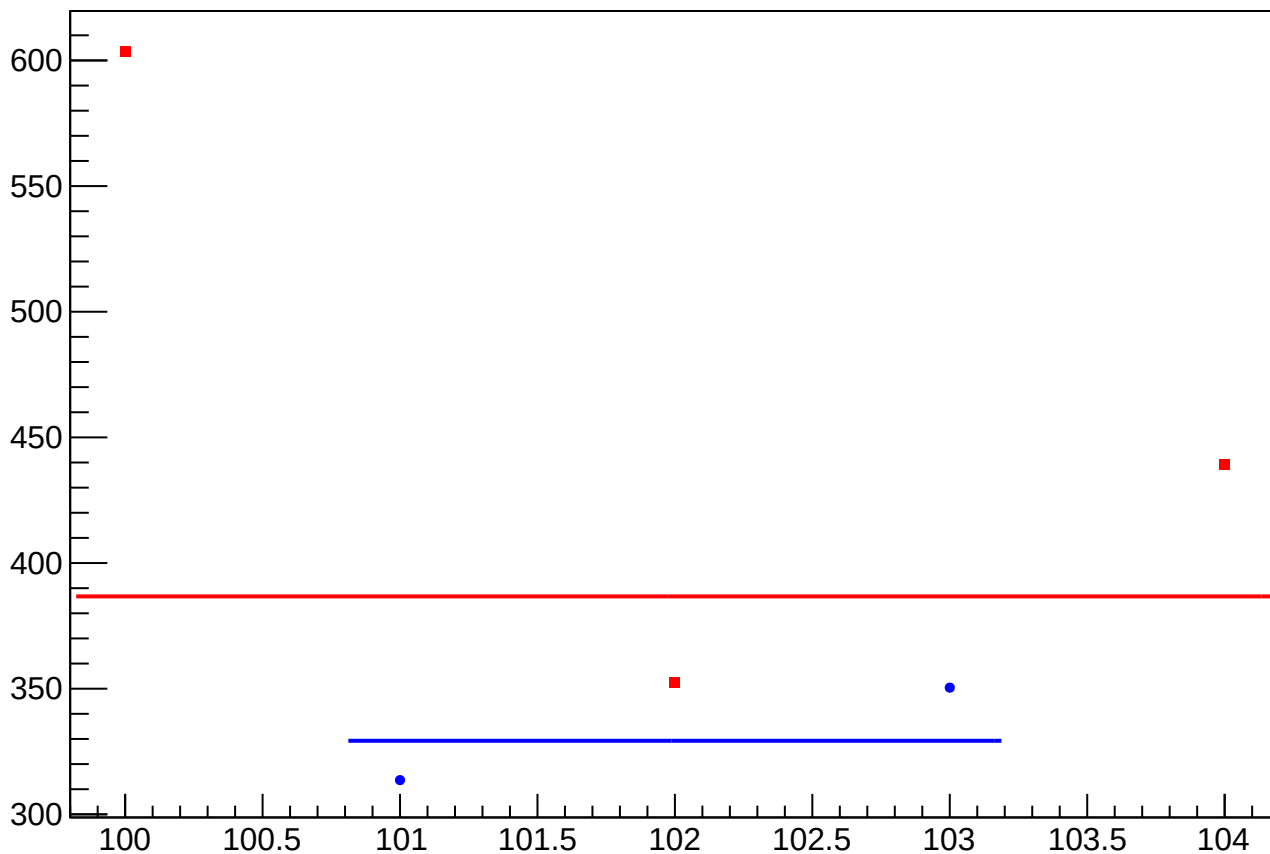
Right: -153.572 ± 226.543 χ^2/NDF : 7.0/4

In: 140.569 ± 294.374 χ^2/NDF : 2.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -153.572 ± 226.543 χ^2/NDF : 7.0/4

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: 386.722+/-0.251 χ^2/NDF : 45005.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

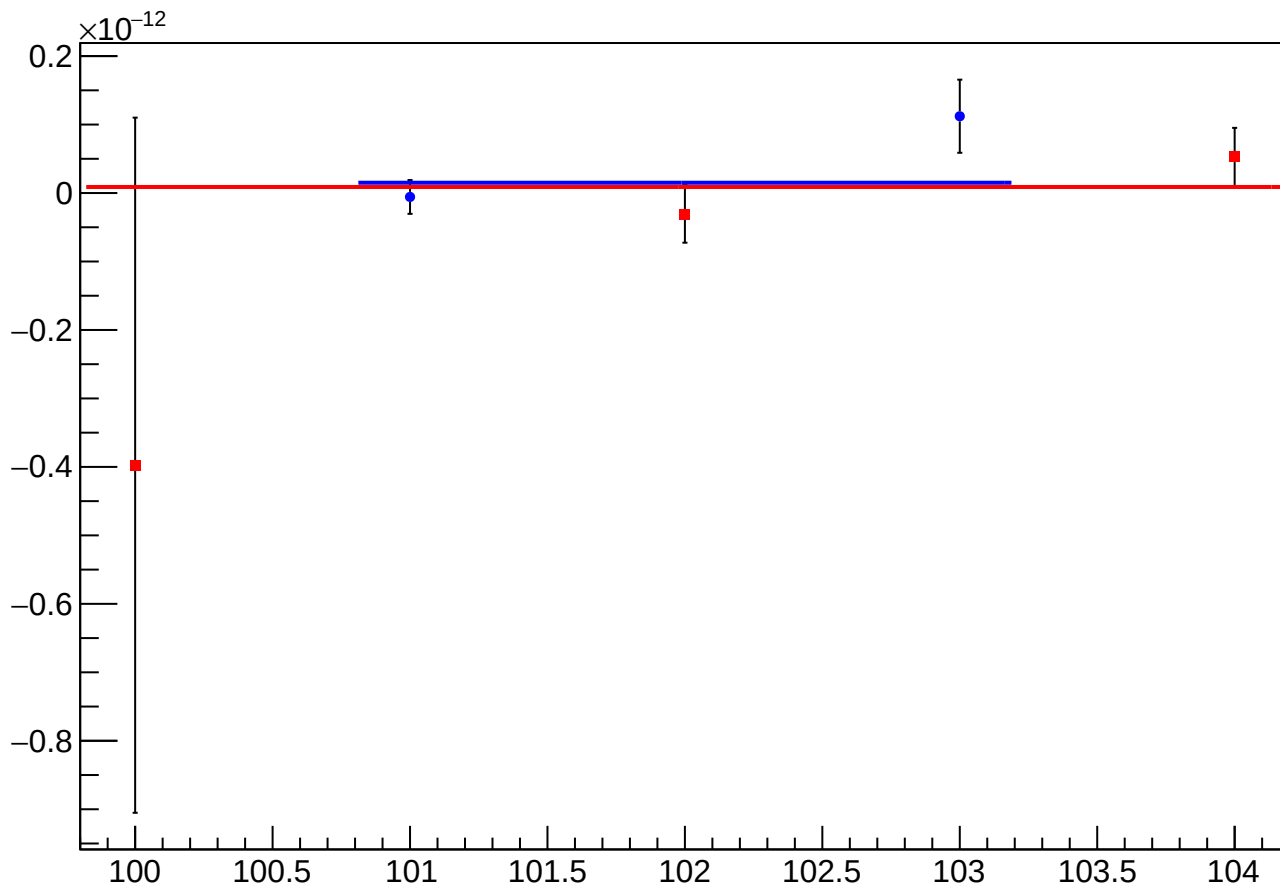
Right: 352.698+/-0.160 χ^2/NDF : 83701.5/4

In: 329.273+/-0.208 χ^2/NDF : 7636.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 352.698+/-0.160 χ^2/NDF : 83701.5/4

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: 2.6/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

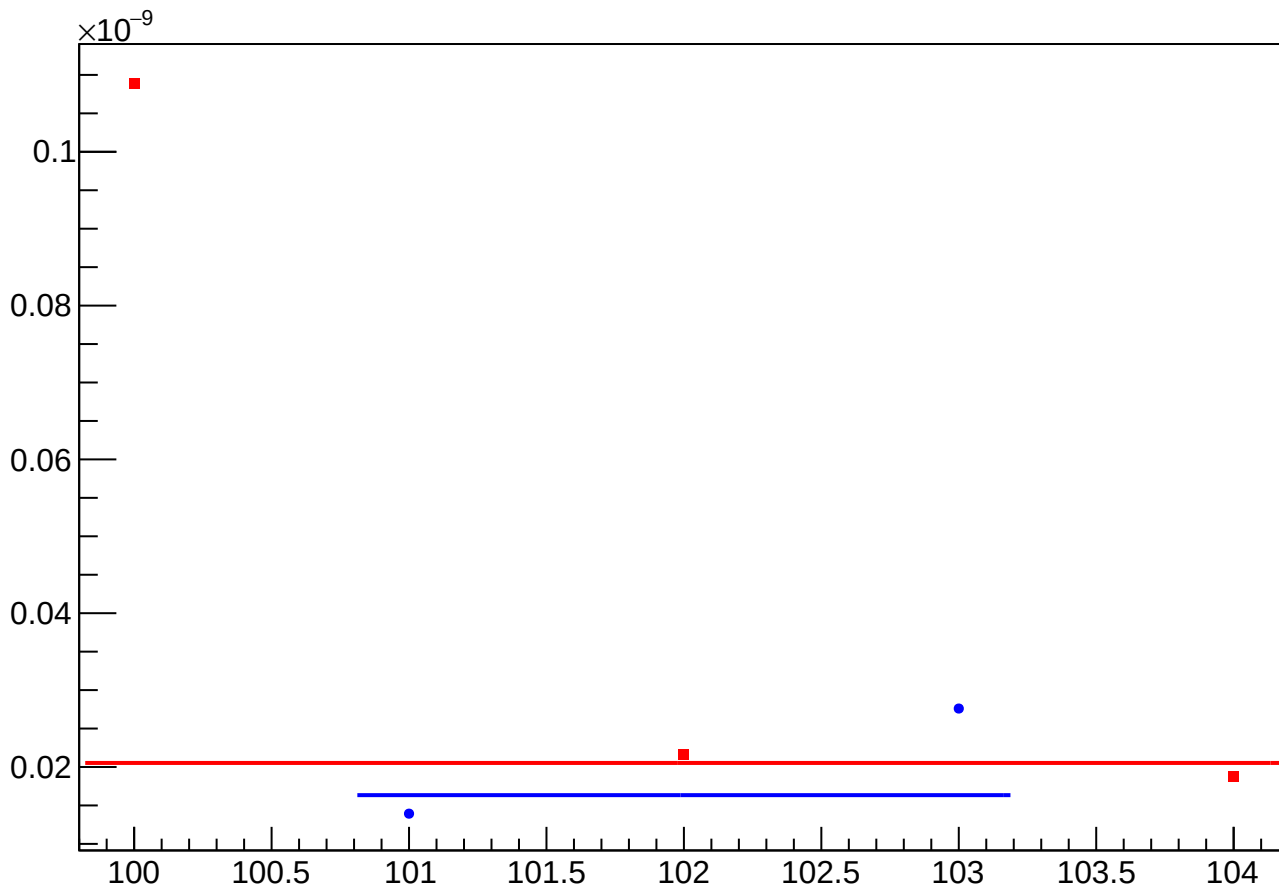
Right: 0.000+/-0.000 χ^2 /NDF: 6.6/4

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: 6.6/4

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 108004.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 65788.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

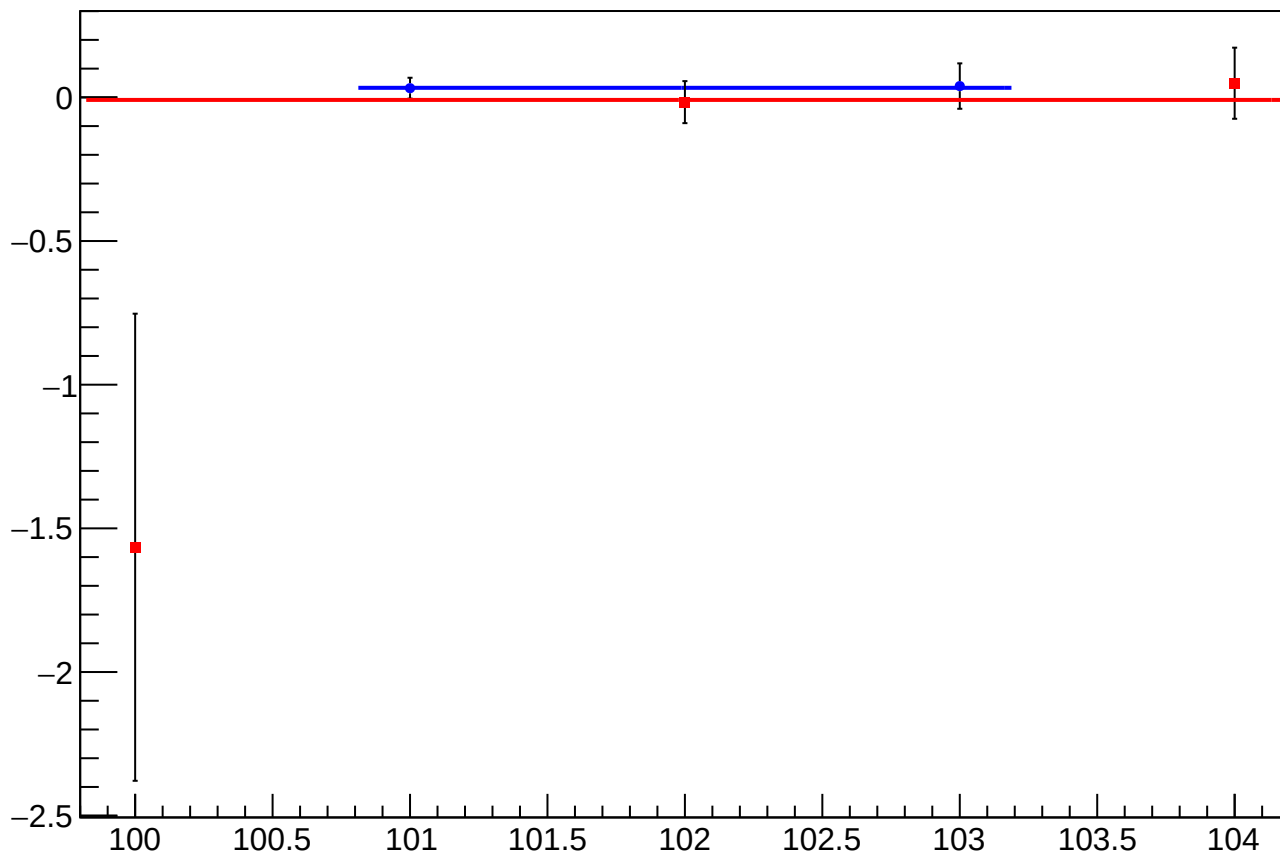
Right: 0.000+/-0.000 χ^2/NDF : 199037.6/4

In: 0.000+/-0.000 χ^2/NDF : 108004.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 199037.6/4

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: -0.009+/-0.063 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

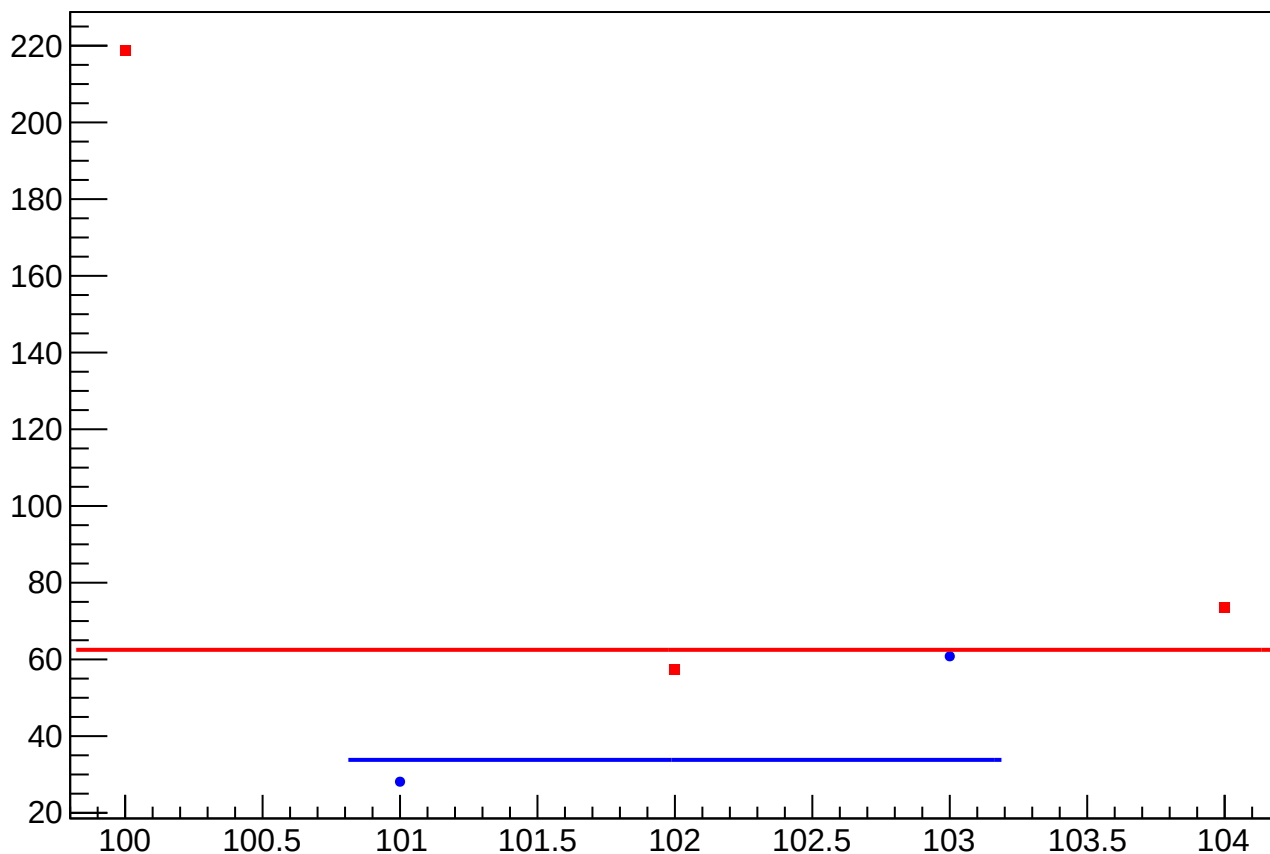
Right: 0.024+/-0.029 χ^2/NDF : 4.3/4

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.029 χ^2/NDF : 4.3/4

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.500+/-0.044 χ^2/NDF : 99252.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

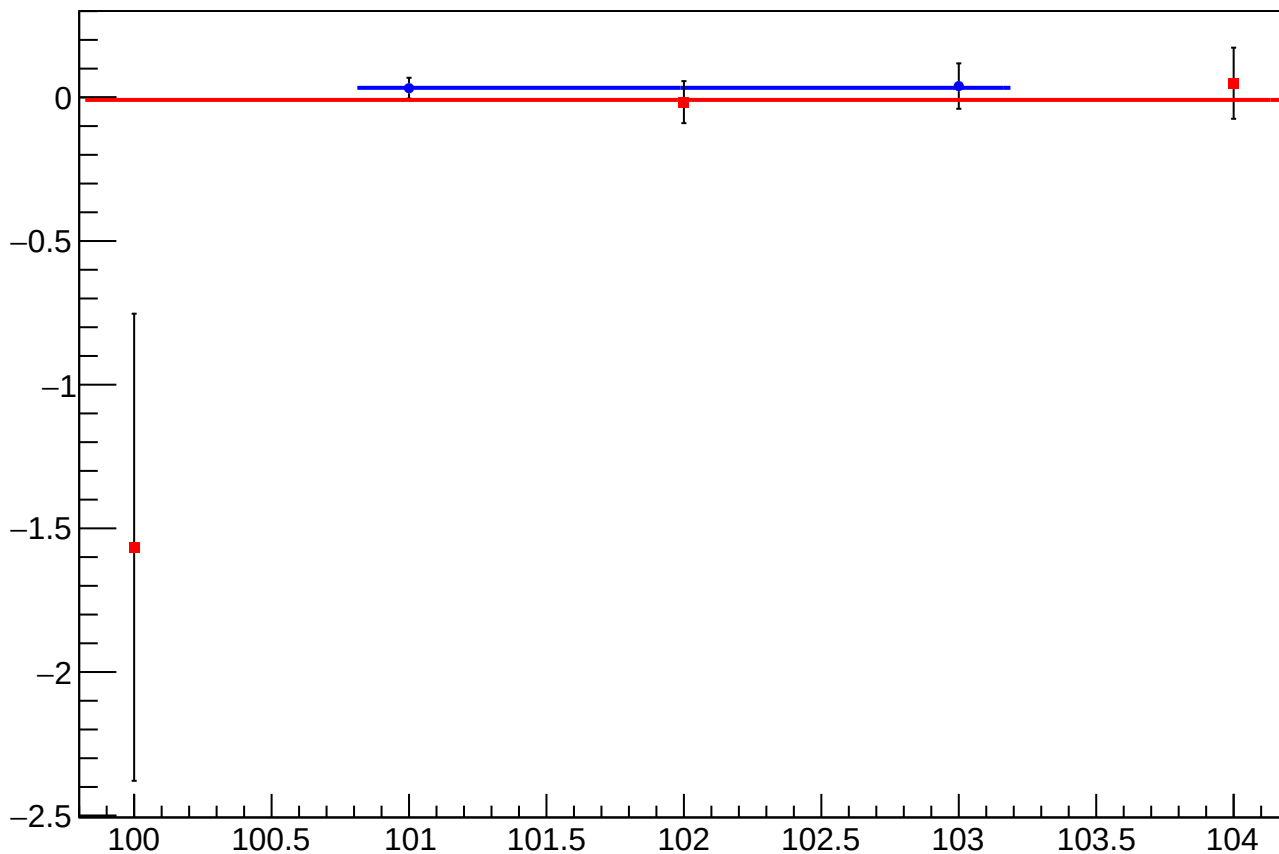
Right: 40.012+/-0.021 χ^2/NDF : 709503.1/4

In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.012+/-0.021 χ^2/NDF : 709503.1/4

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: -0.009+/-0.063 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

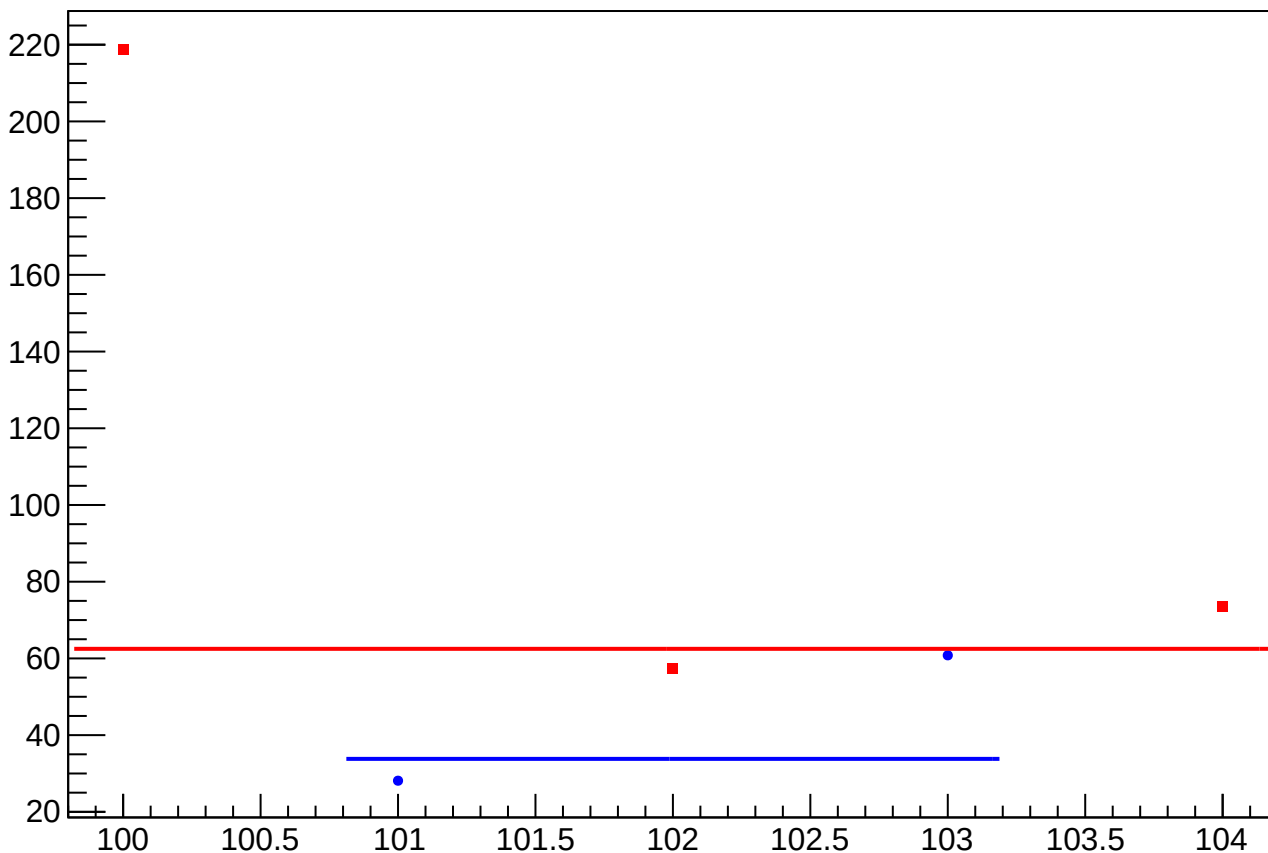
Right: 0.024+/-0.029 χ^2/NDF : 4.3/4

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.029 χ^2/NDF : 4.3/4

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.500+/-0.044 χ^2/NDF : 99252.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

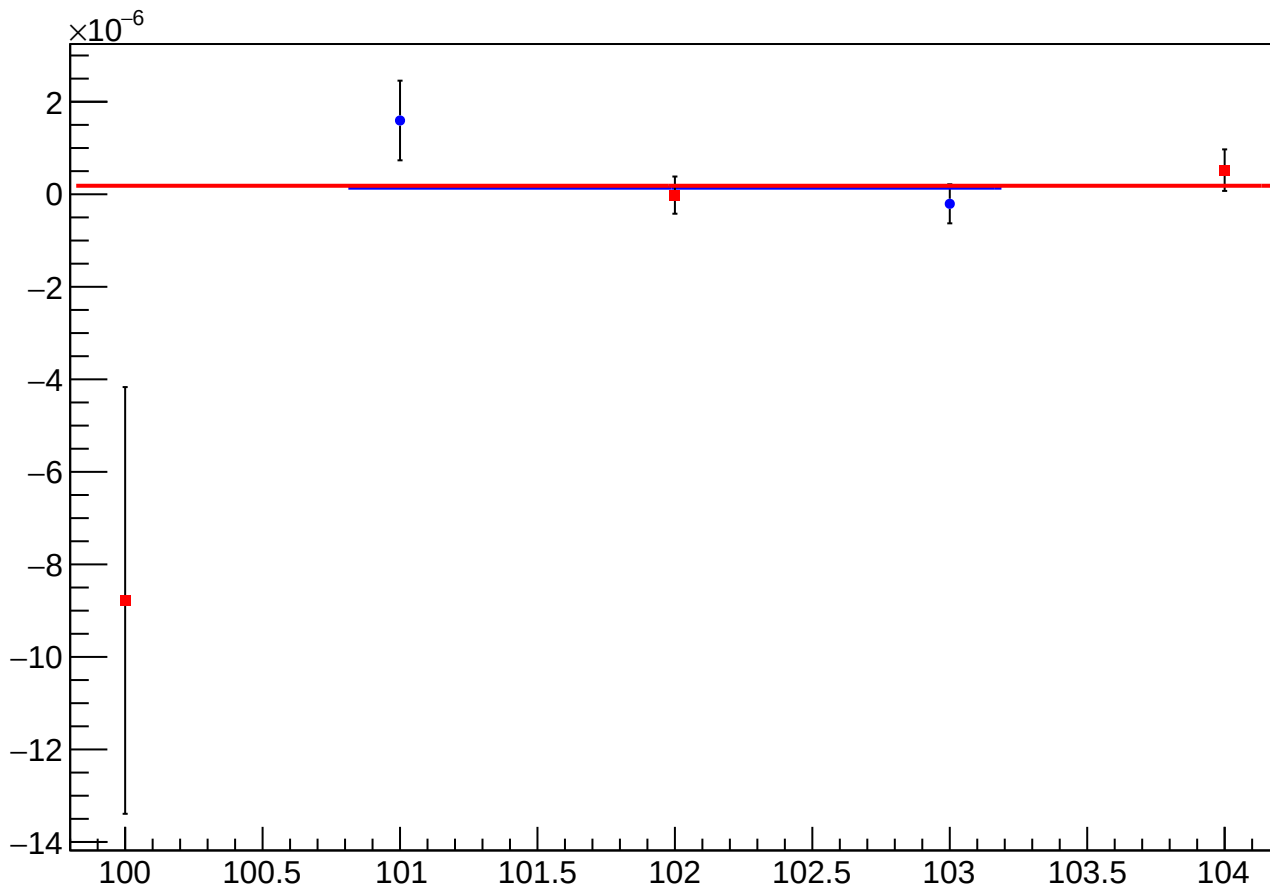
Right: 40.012+/-0.021 χ^2/NDF : 709503.1/4

In: 33.811+/-0.023 χ^2/NDF : 282772.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.012+/-0.021 χ^2/NDF : 709503.1/4

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 : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

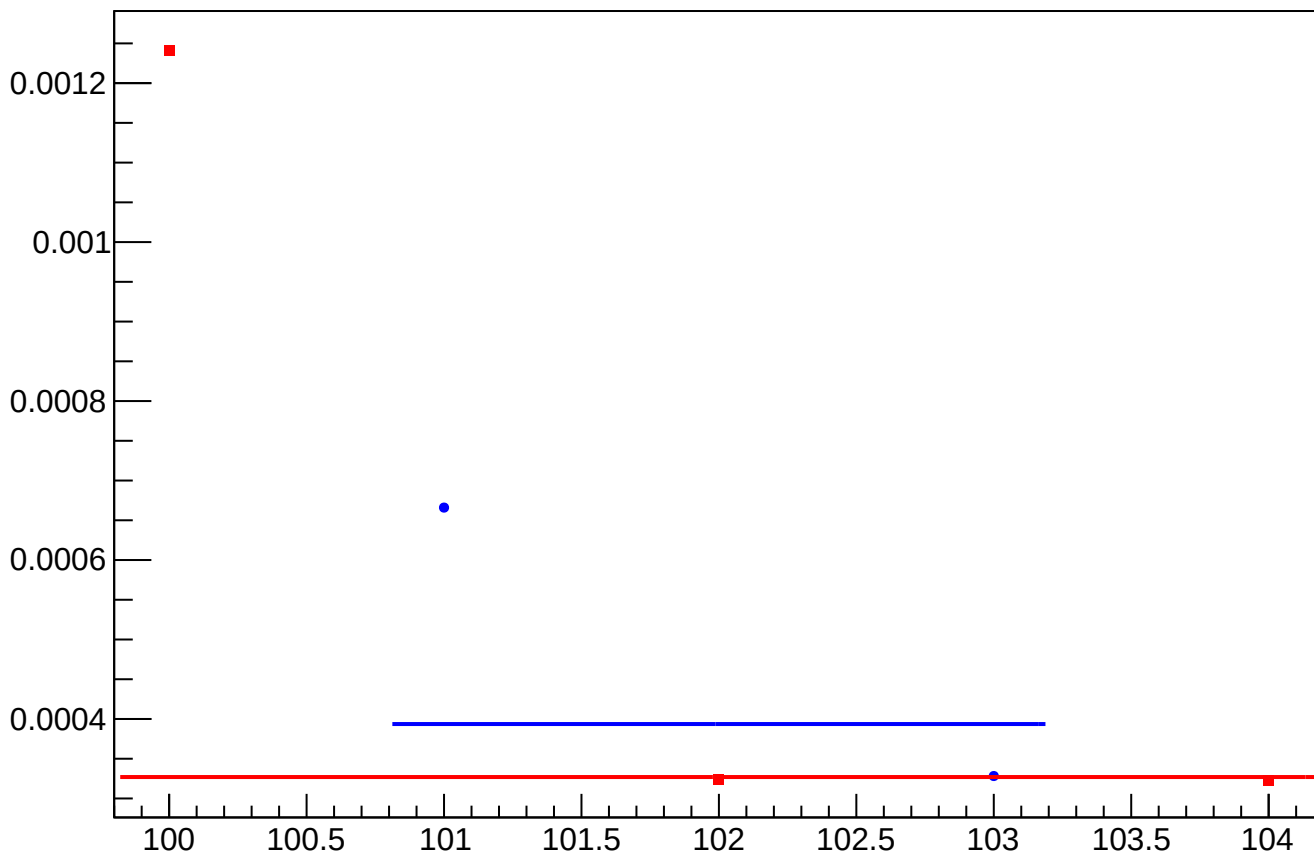
Right: 0.000+/-0.000 χ^2/NDF : 8.1/4

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 : 8.1/4

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 : 78957.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

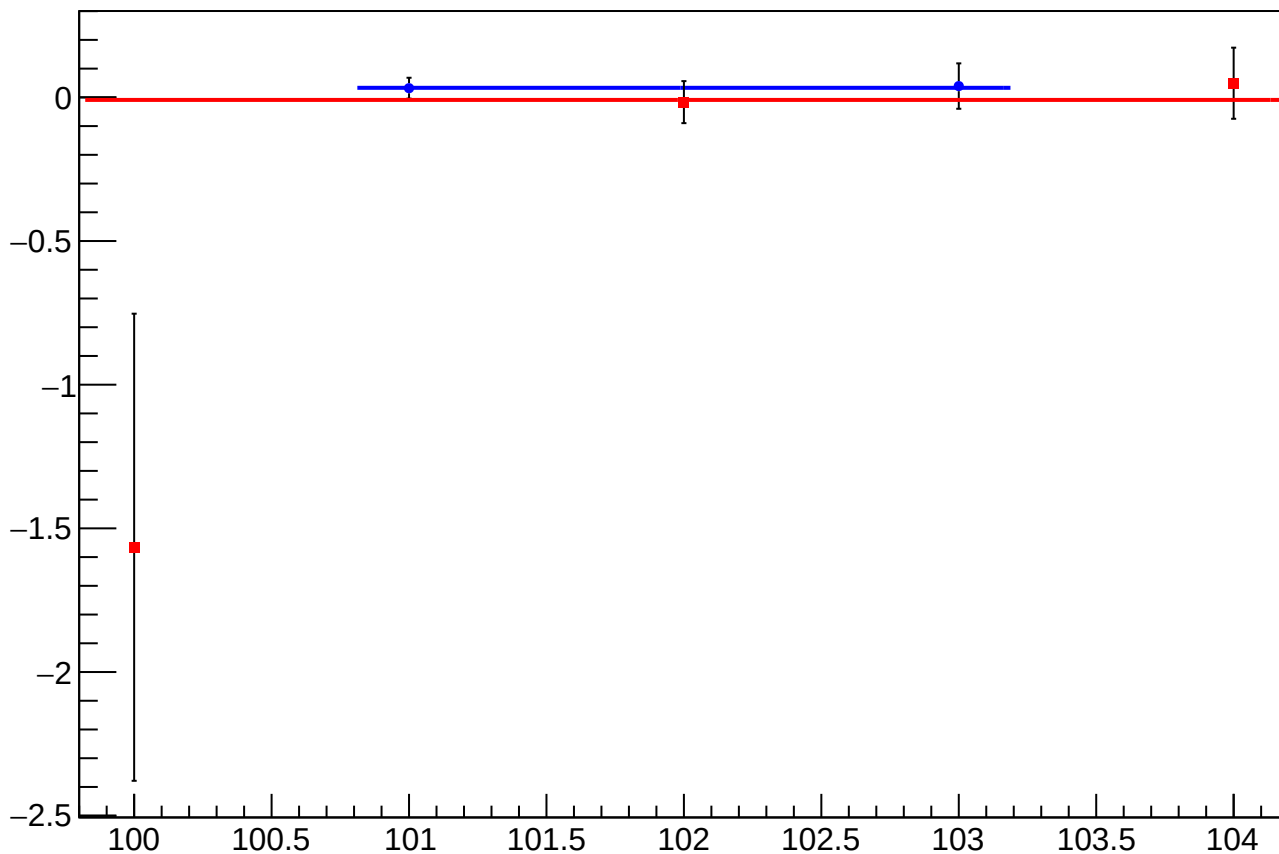
Right: 0.000+/-0.000 χ^2/NDF : 365369.7/4

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 : 365369.7/4

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: -0.009+/-0.063 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

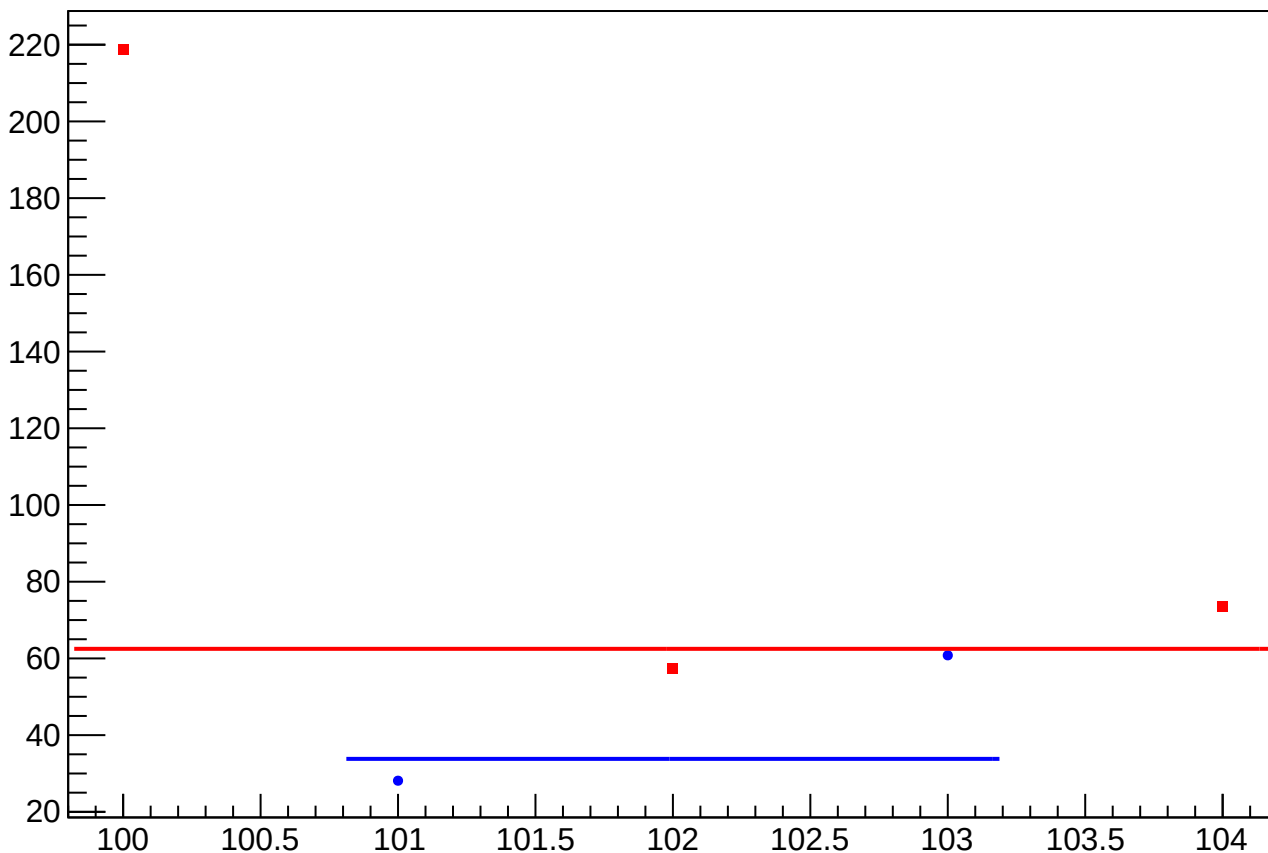
Right: 0.024+/-0.029 χ^2/NDF : 4.3/4

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.029 χ^2/NDF : 4.3/4

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 33.812 $\pm$ 0.023 χ^2 /NDF: 282757.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.500 $\pm$ 0.044 χ^2 /NDF: 99252.7/2

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

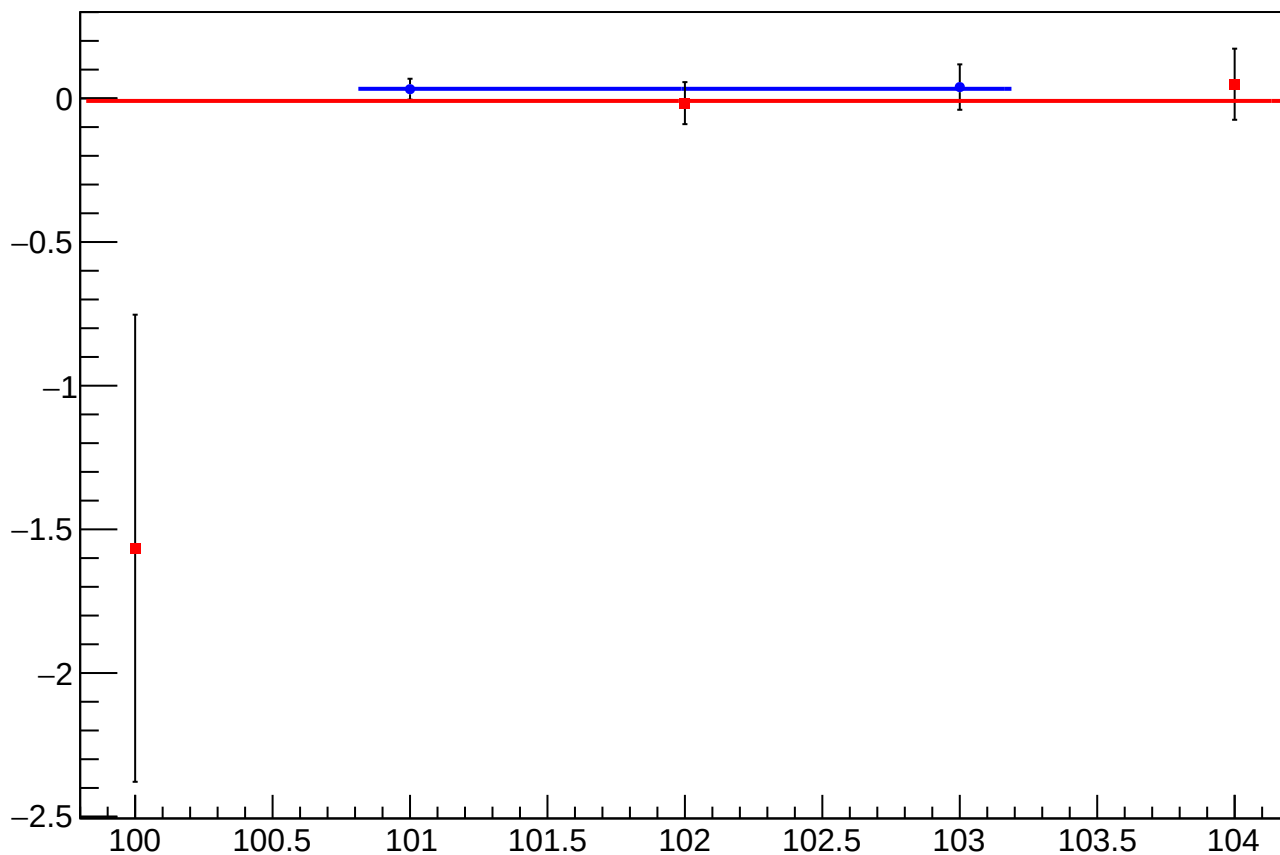
Right: 40.013 $\pm$ 0.021 χ^2 /NDF: 709467.0/4

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: 40.013 $\pm$ 0.021 χ^2 /NDF: 709467.0/4

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: -0.009+/-0.063 χ^2/NDF : 3.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

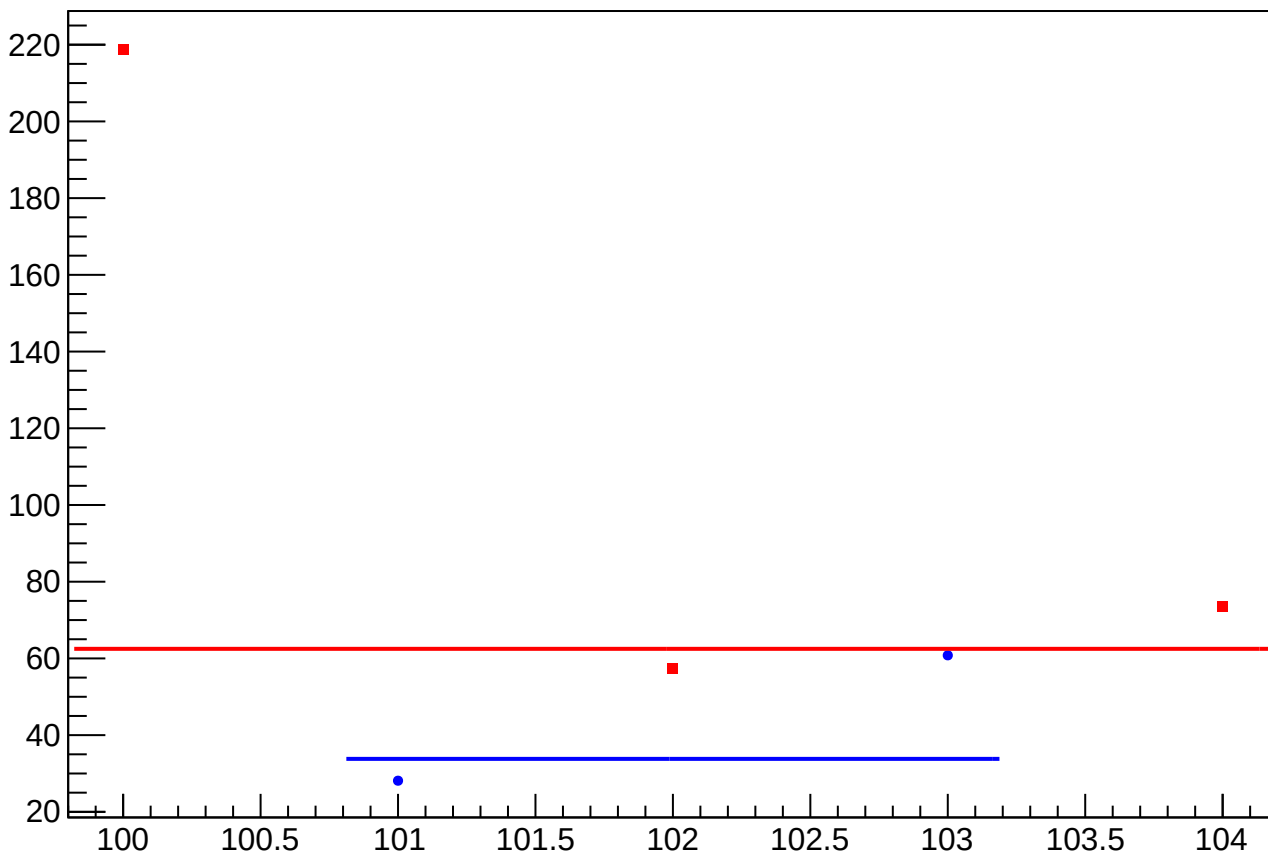
Right: 0.024+/-0.029 χ^2/NDF : 4.3/4

In: 0.033+/-0.033 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.029 χ^2/NDF : 4.3/4

asym_sam7_eigen_dit_vs_eigen_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: 62.500+/-0.044 χ^2/NDF : 99252.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

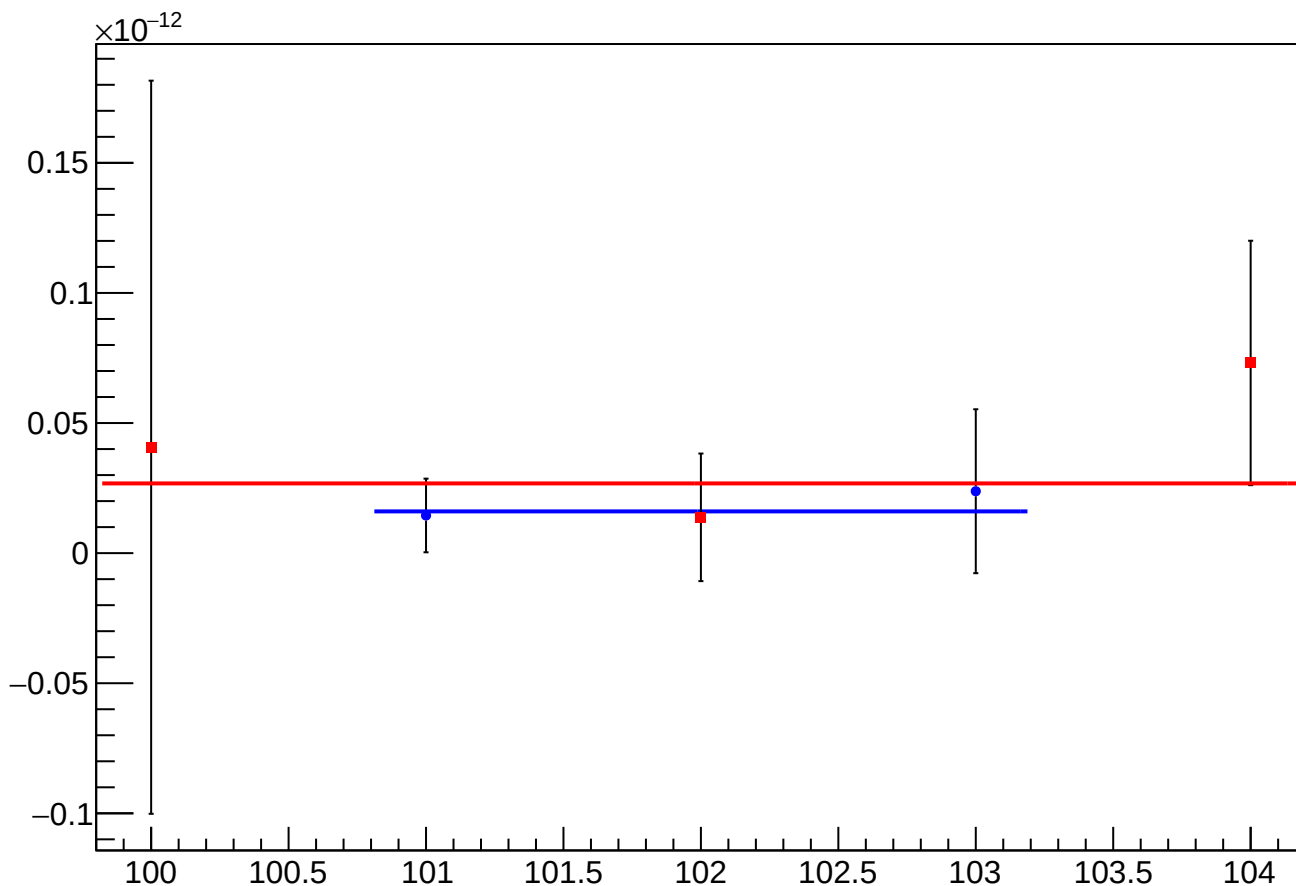
Right: 40.013+/-0.021 χ^2/NDF : 709467.0/4

In: 33.812+/-0.023 χ^2/NDF : 282757.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.013+/-0.021 χ^2/NDF : 709467.0/4

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 : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

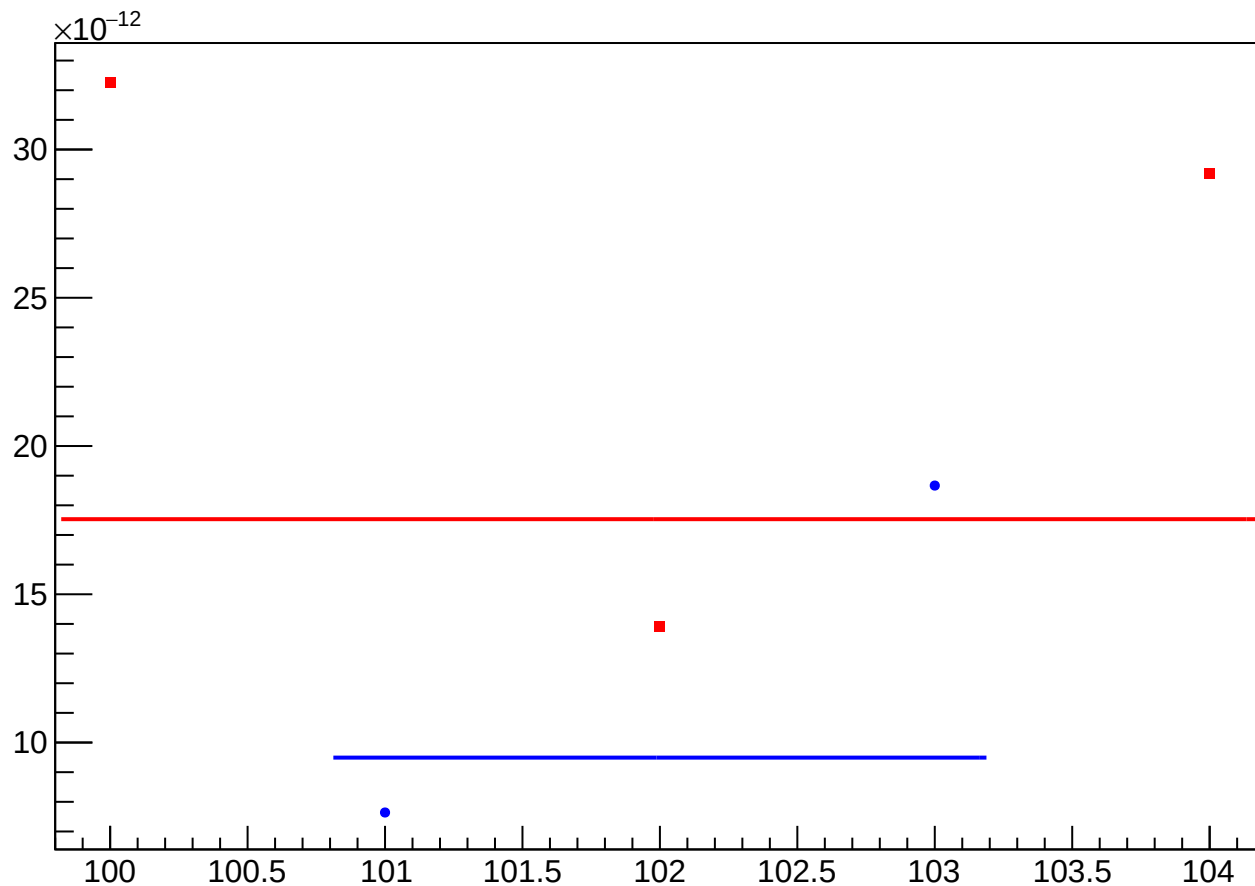
Right: 0.000+/-0.000 χ^2/NDF : 1.5/4

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 : 1.5/4

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 : 189106.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

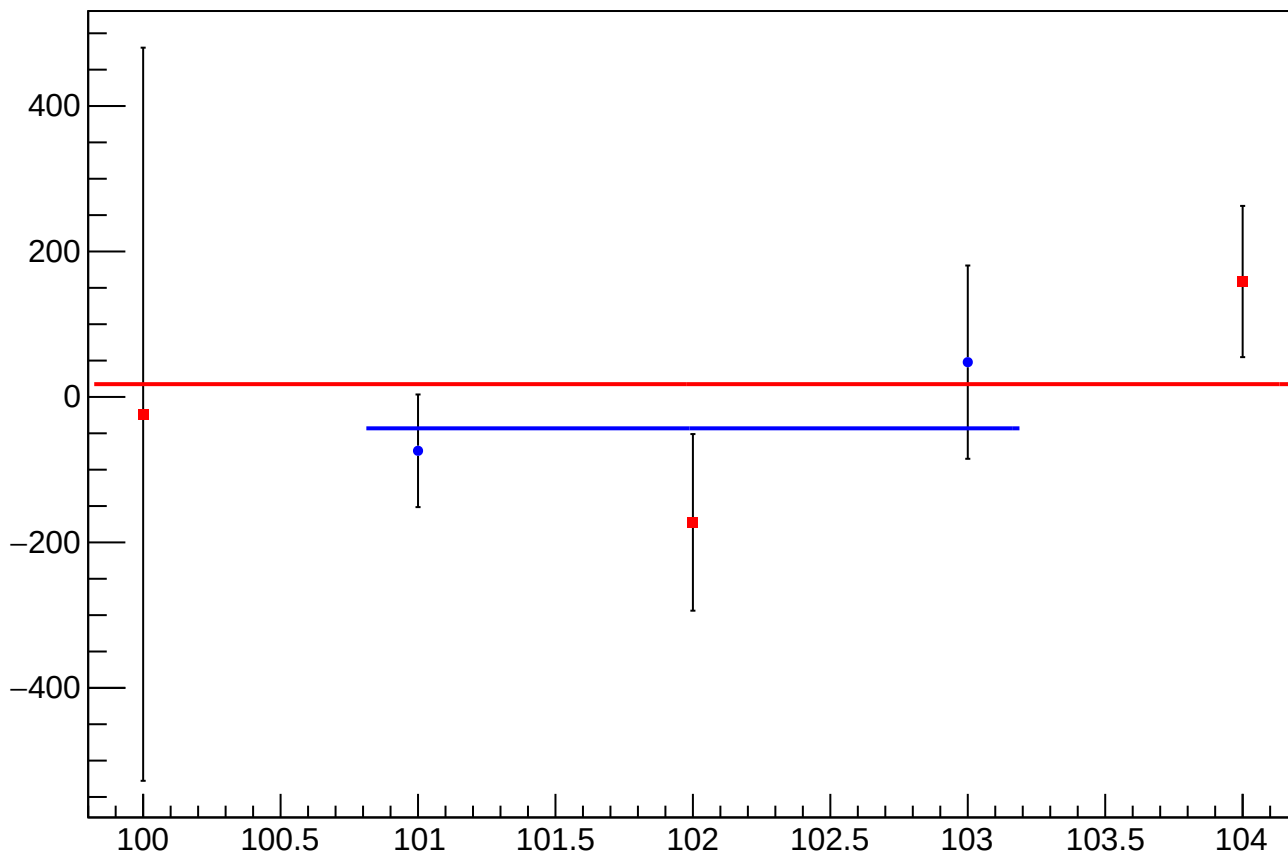
Right: 0.000+/-0.000 χ^2/NDF : 598931.4/4

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 : 598931.4/4

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: 17.596+/-78.023 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

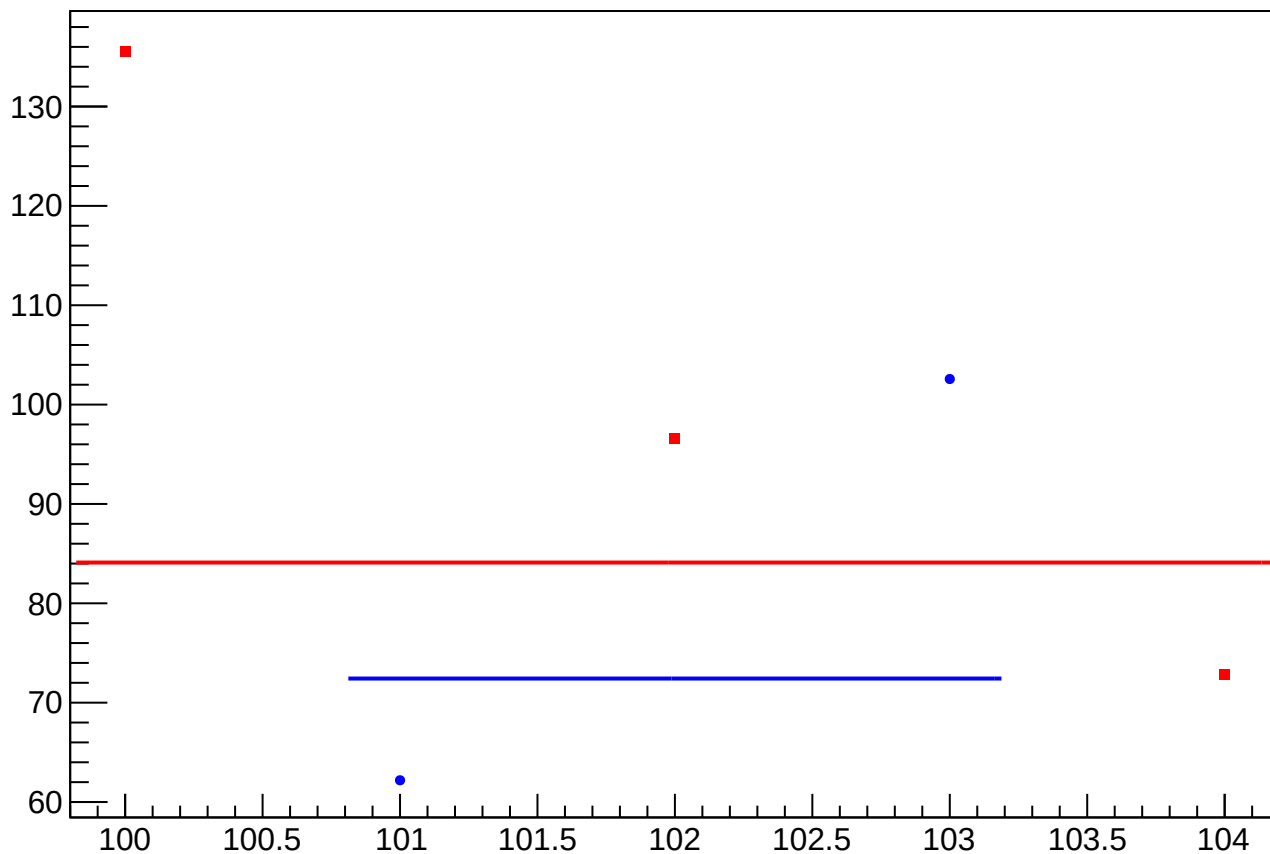
Right: -17.409+/-50.787 χ^2/NDF : 5.3/4

In: -43.146+/-66.901 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.409+/-50.787 χ^2/NDF : 5.3/4

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: 84.104+/-0.055 χ^2/NDF : 65587.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

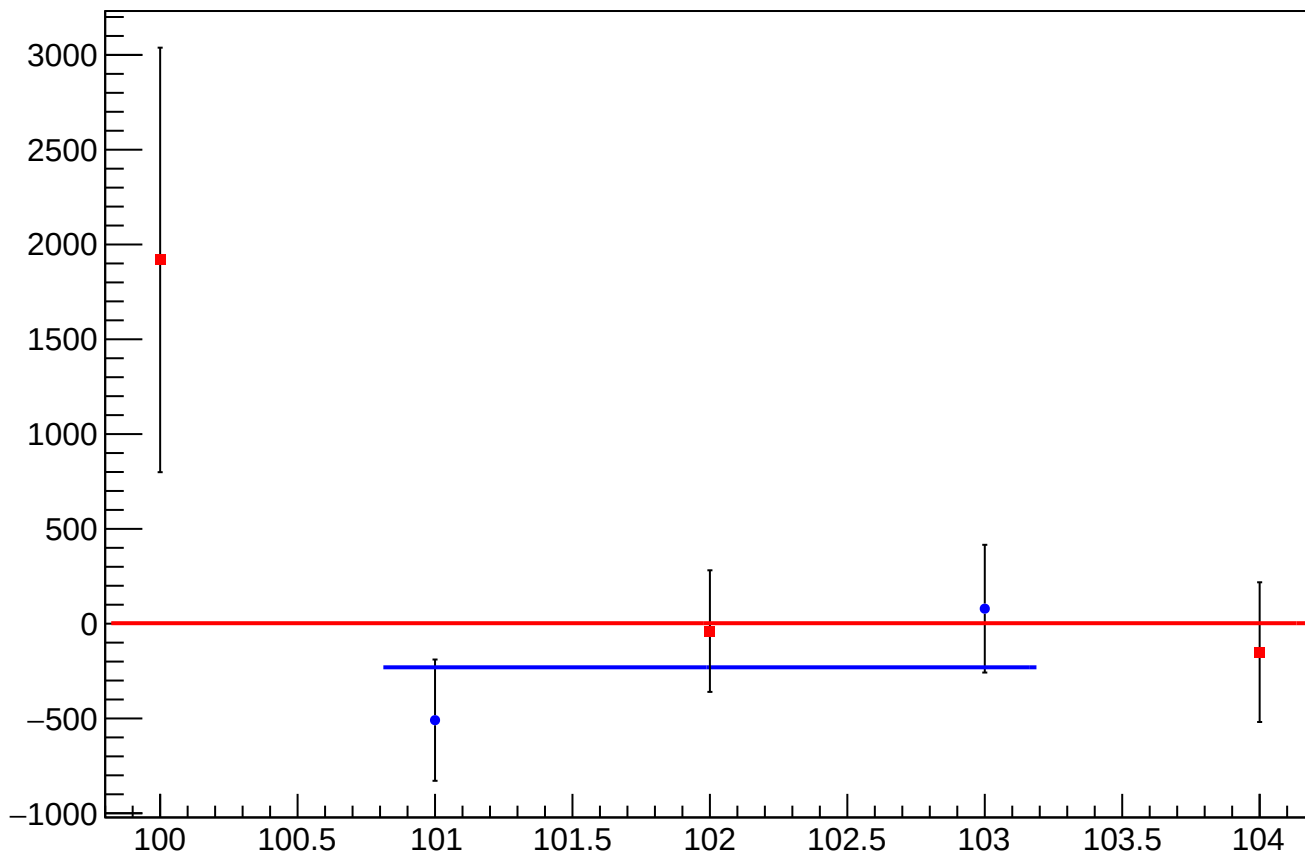
Right: 77.375+/-0.036 χ^2/NDF : 229304.1/4

In: 72.428+/-0.047 χ^2/NDF : 137905.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.375+/-0.036 χ^2/NDF : 229304.1/4

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: 2.435+/-236.460 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

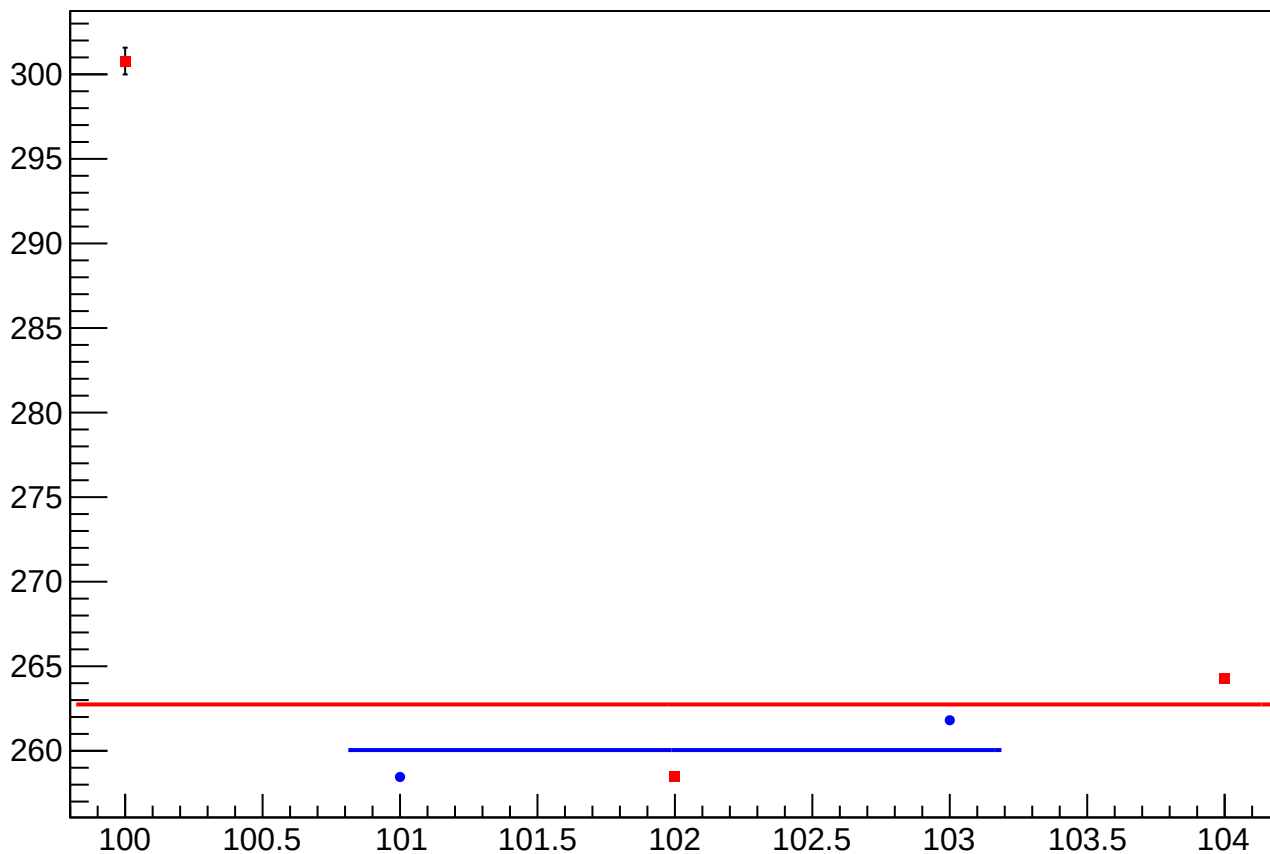
Right: -116.119+/-165.588 χ^2/NDF : 5.2/4

In: -230.201+/-231.957 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.119+/-165.588 χ^2/NDF : 5.2/4

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 260.045+/-0.164 χ^2/NDF : 104.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.742+/-0.167 χ^2/NDF : 2698.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

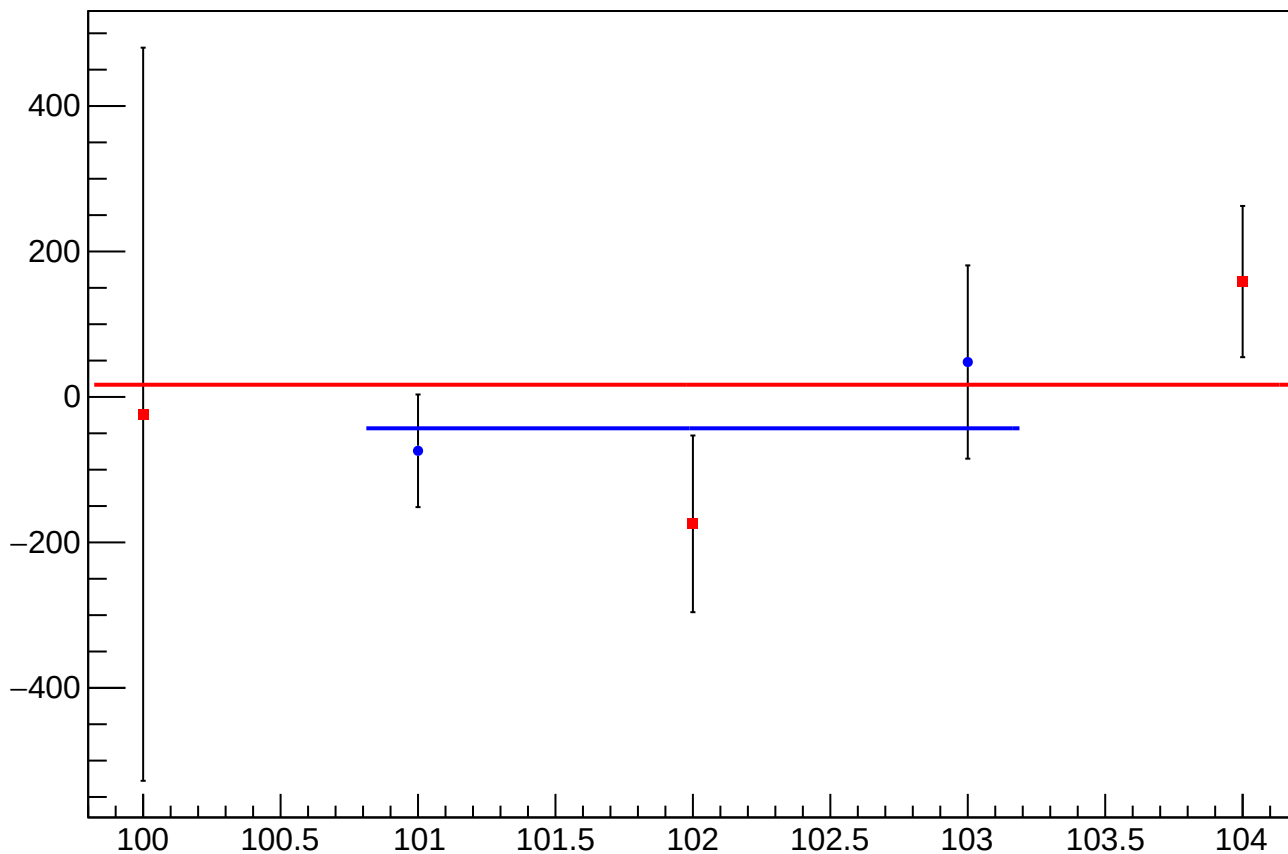
Right: 261.368+/-0.117 χ^2/NDF : 2935.6/4

In: 260.045+/-0.164 χ^2/NDF : 104.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.368+/-0.117 χ^2/NDF : 2935.6/4

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: 16.791 $\pm$ 78.035 χ^2 /NDF: 4.3/2

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

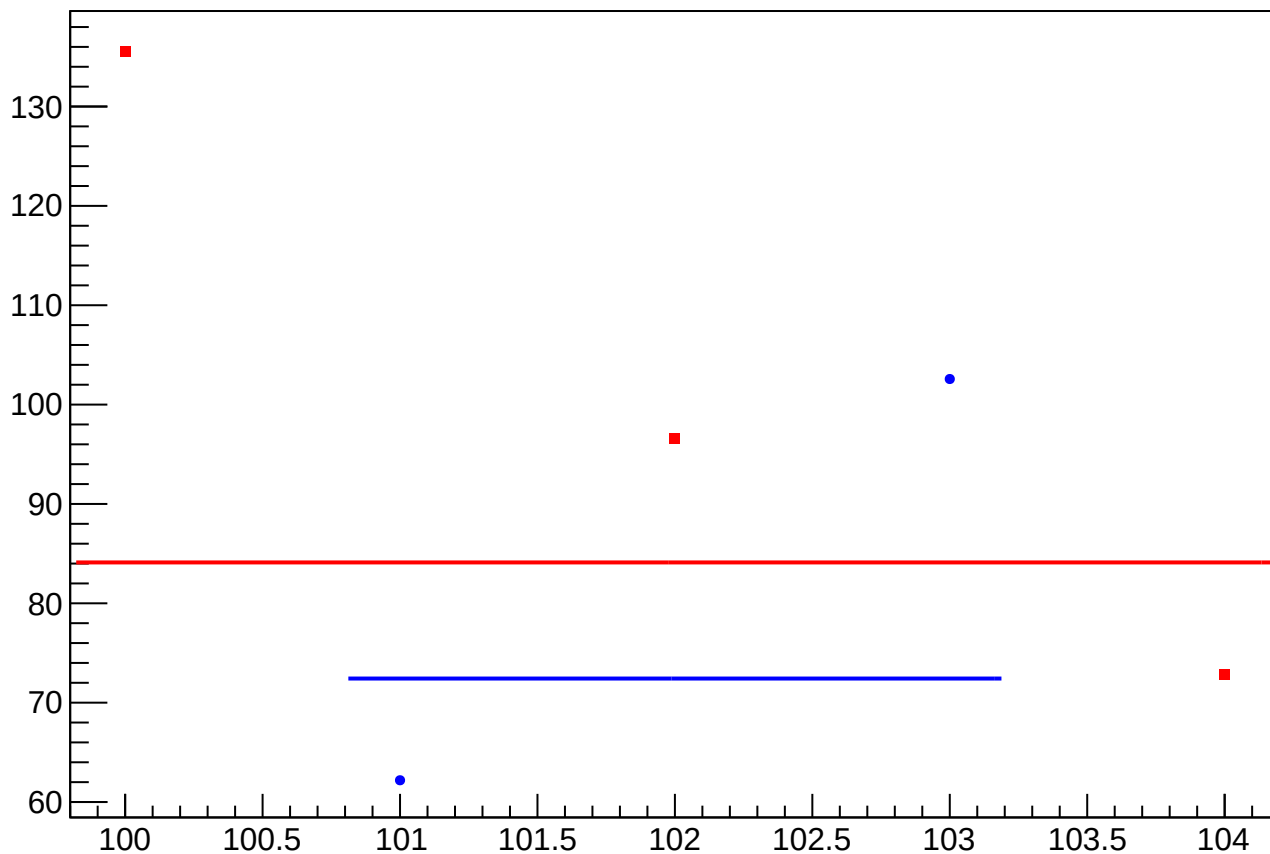
Right: -17.733 $\pm$ 50.790 χ^2 /NDF: 5.3/4

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: -17.733 $\pm$ 50.790 χ^2 /NDF: 5.3/4

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: 84.114+/-0.055 χ^2/NDF : 65682.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

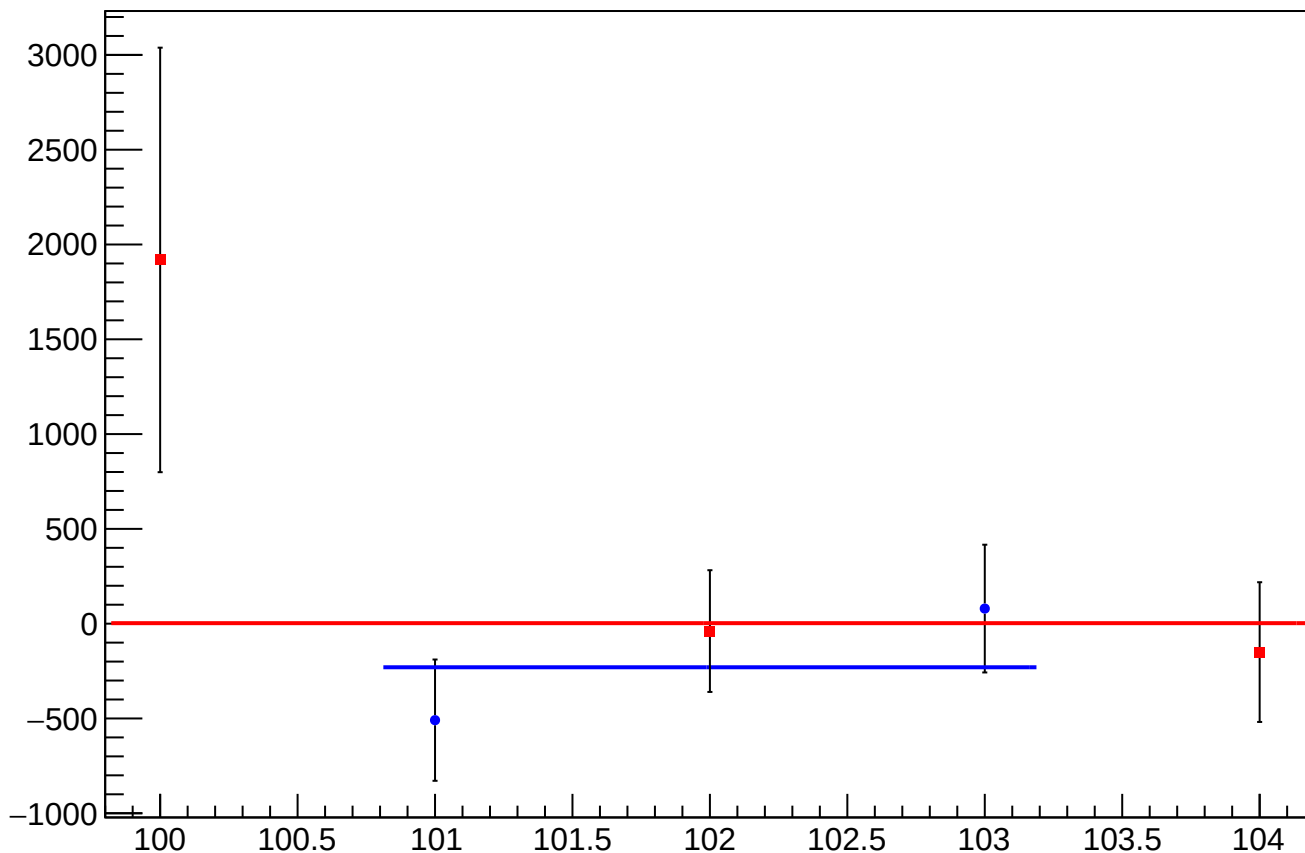
Right: 77.379+/-0.036 χ^2/NDF : 229441.9/4

In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.379+/-0.036 χ^2/NDF : 229441.9/4

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: 2.654+/-236.607 χ^2 /NDF: 3.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

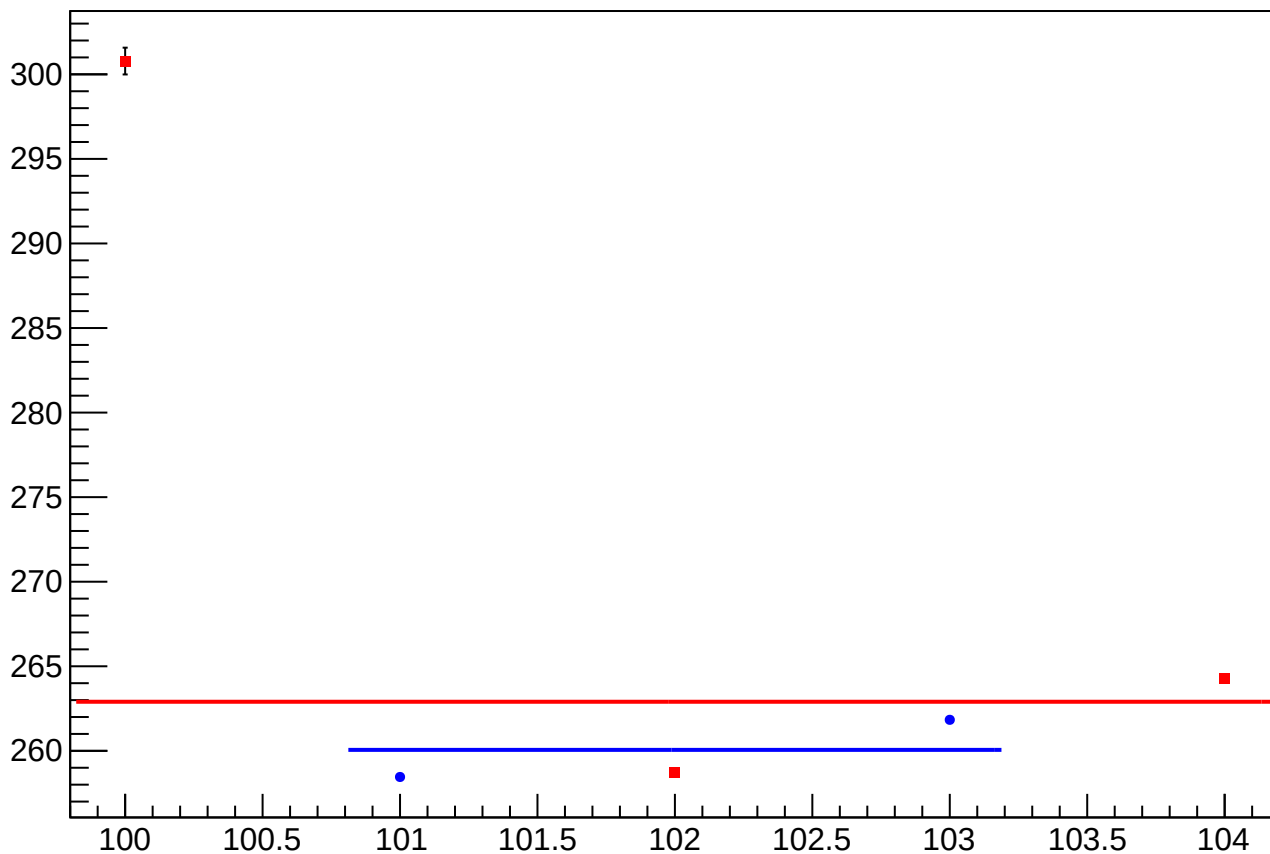
Right: -115.961+/-165.642 χ^2 /NDF: 5.2/4

In: -229.971+/-231.969 χ^2 /NDF:1.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -115.961+/-165.642 χ^2 /NDF: 5.2/4

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057 $\pm$ 0.164 χ^2 /NDF: 105.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 262.903 $\pm$ 0.167 χ^2 /NDF: 2656.1/2

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

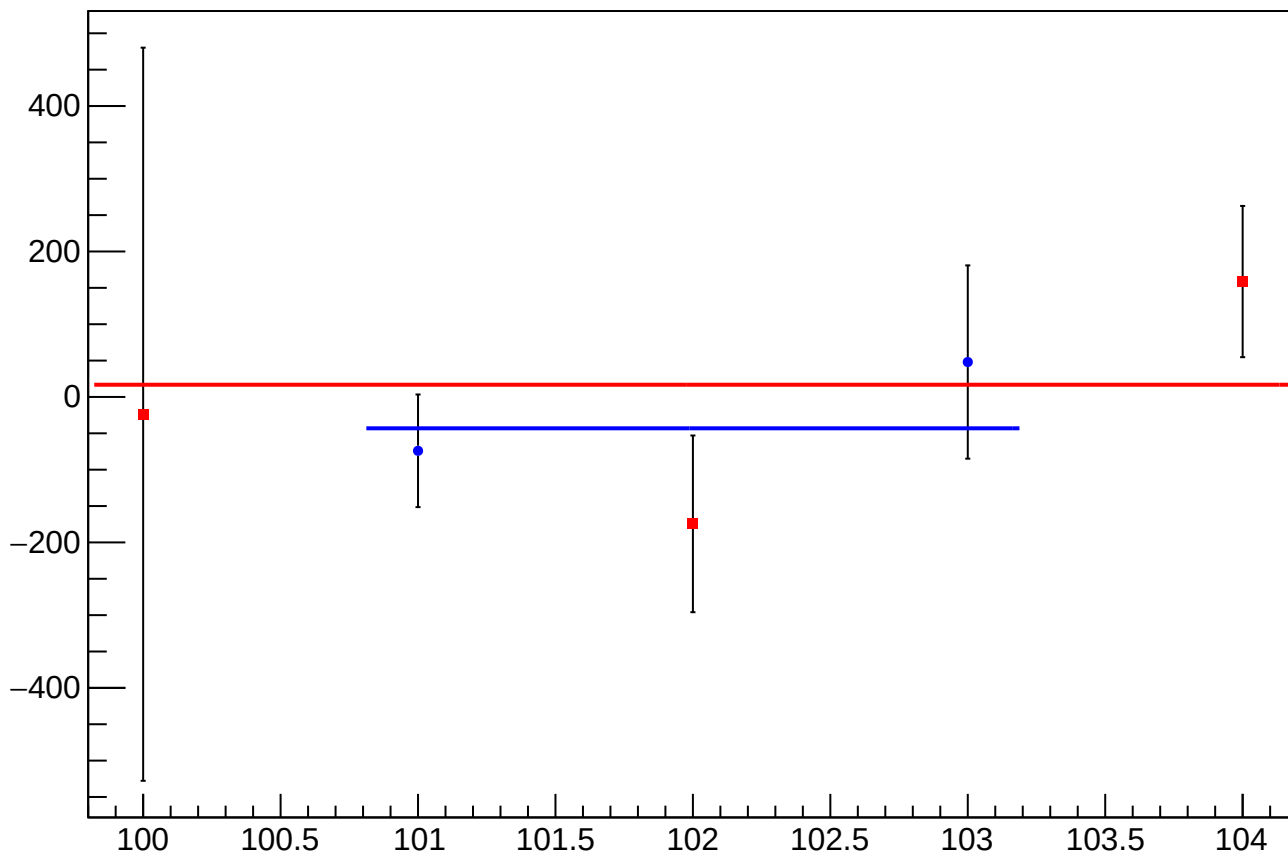
Right: 261.452 $\pm$ 0.117 χ^2 /NDF: 2909.5/4

In: 260.057 $\pm$ 0.164 χ^2 /NDF:105.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 261.452 $\pm$ 0.117 χ^2 /NDF: 2909.5/4

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: 16.791 $\pm$ 78.035 χ^2 /NDF: 4.3/2

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

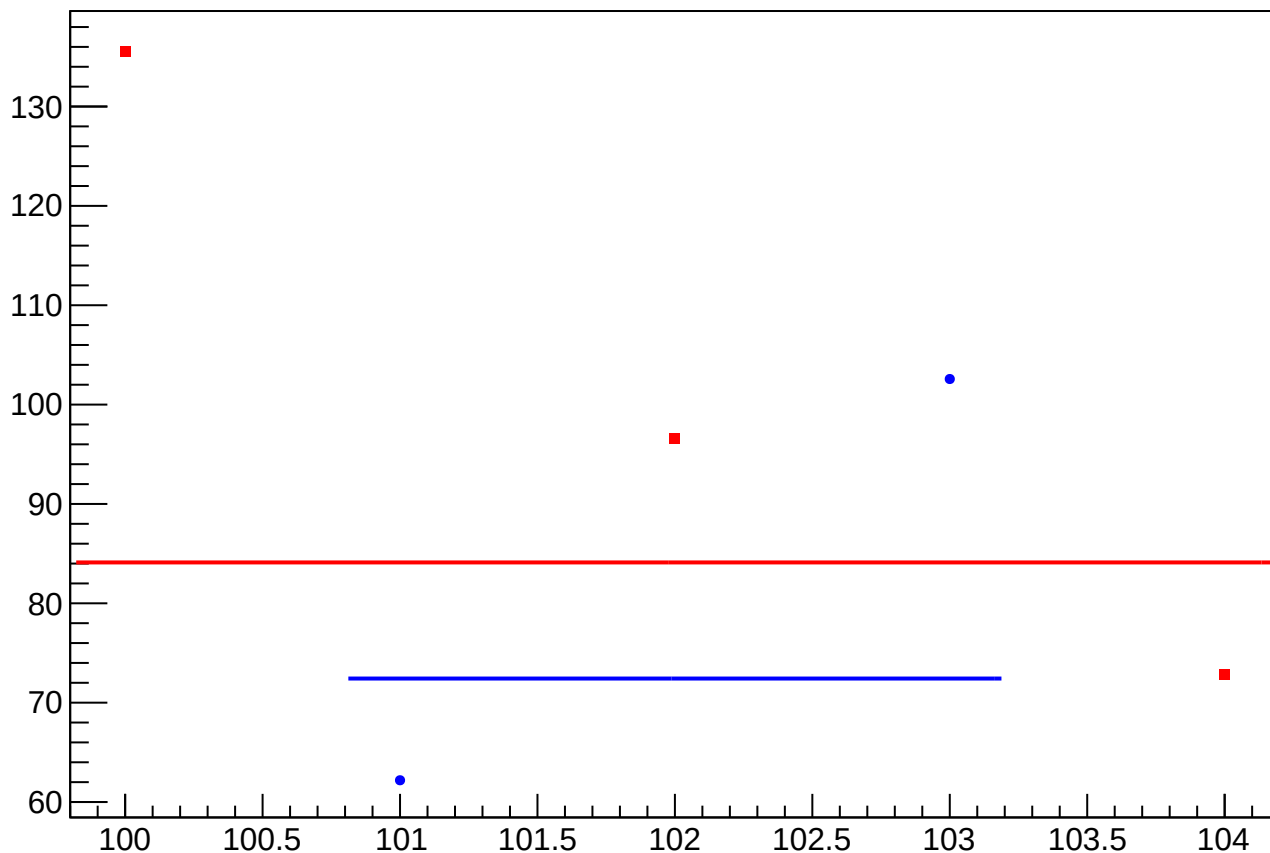
Right: -17.733 $\pm$ 50.790 χ^2 /NDF: 5.3/4

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: -17.733 $\pm$ 50.790 χ^2 /NDF: 5.3/4

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: 84.114+/-0.055 χ^2/NDF : 65682.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

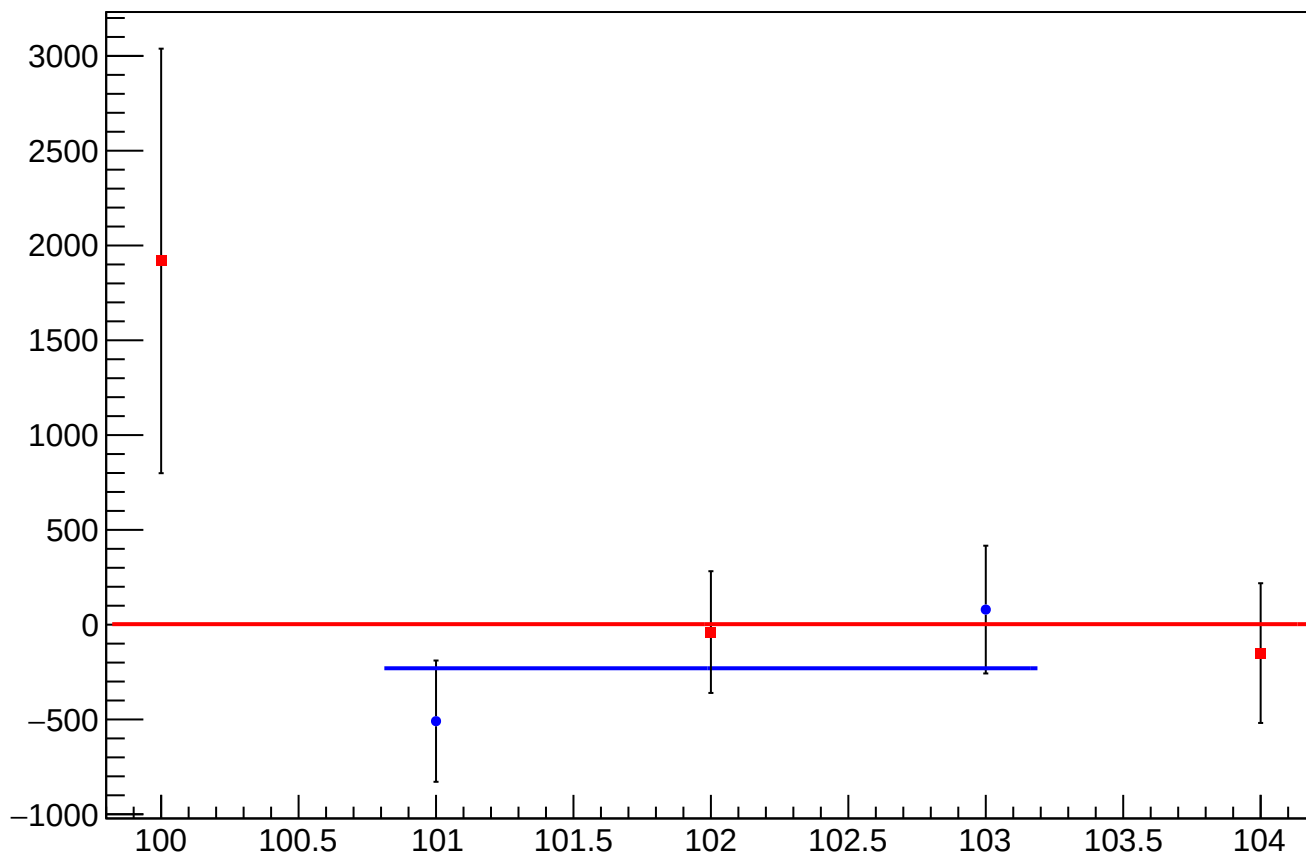
Right: 77.379+/-0.036 χ^2/NDF : 229441.9/4

In: 72.428+/-0.047 χ^2/NDF : 137907.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.379+/-0.036 χ^2/NDF : 229441.9/4

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: 2.654 $\pm$ 236.607 χ^2 /NDF: 3.1/2

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

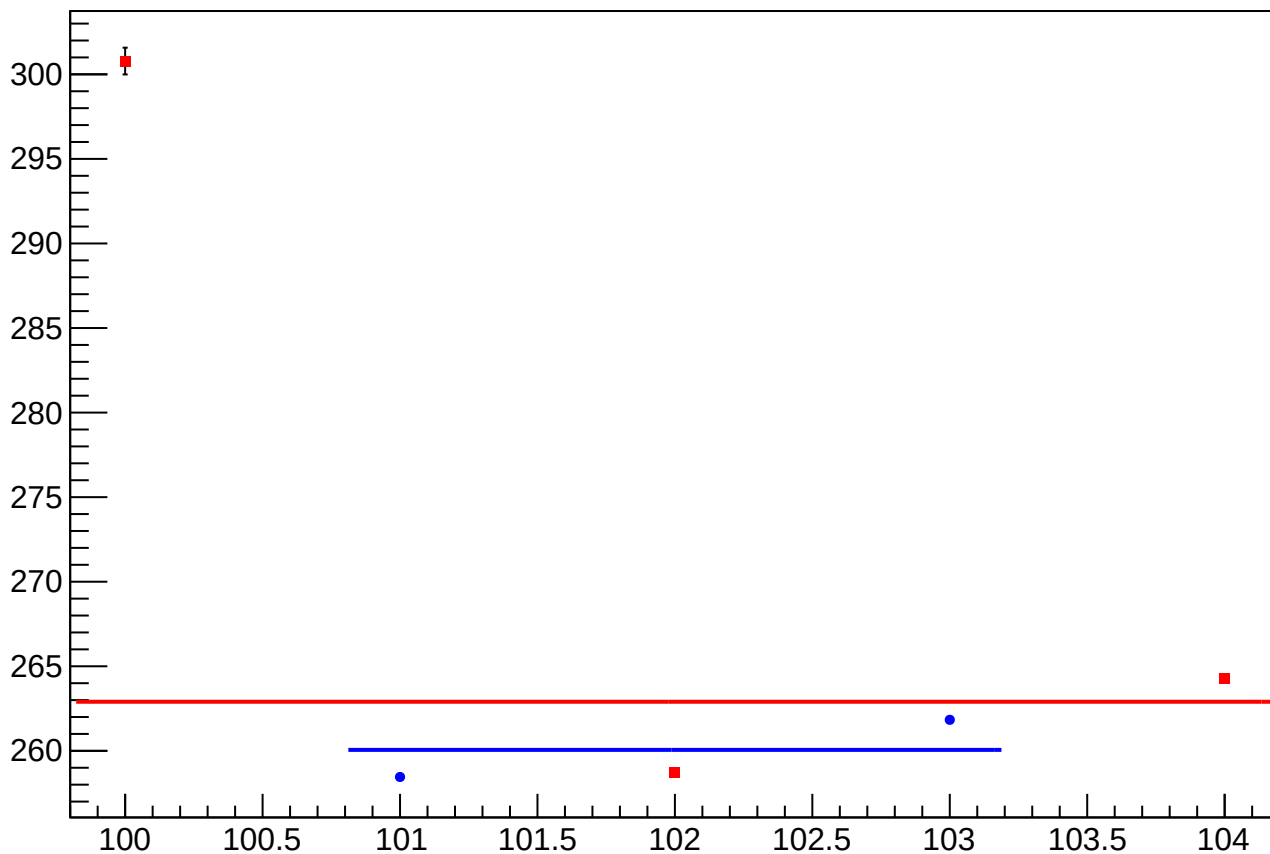
Right: -115.961 $\pm$ 165.642 χ^2 /NDF: 5.2/4

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: -115.961 $\pm$ 165.642 χ^2 /NDF: 5.2/4

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 260.057+/-0.164 χ^2/NDF : 105.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.903+/-0.167 χ^2/NDF : 2656.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

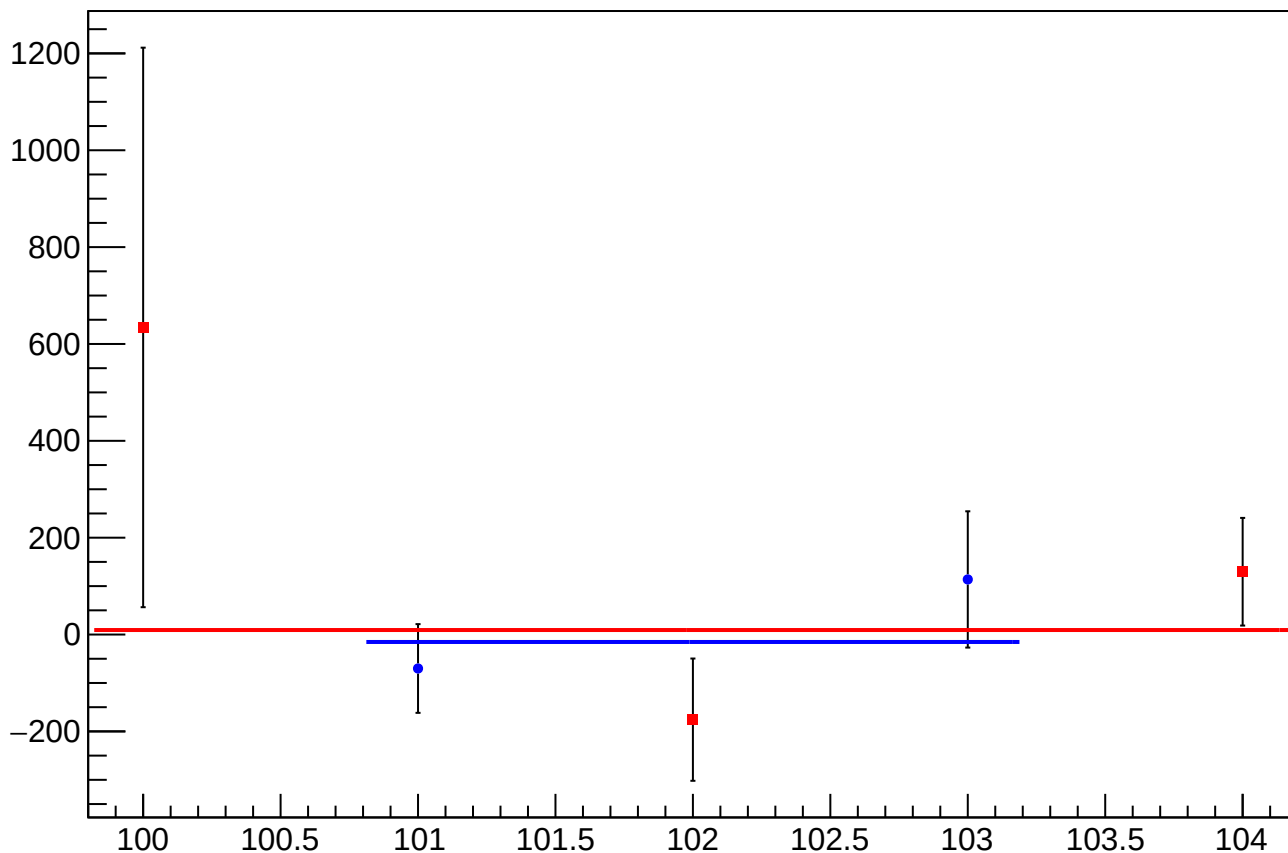
Right: 261.452+/-0.117 χ^2/NDF : 2909.5/4

In: 260.057+/-0.164 χ^2/NDF : 105.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.452+/-0.117 χ^2/NDF : 2909.5/4

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -15.343 $\pm$ 76.774 χ^2 /NDF: 1.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.330 $\pm$ 82.565 χ^2 /NDF: 4.5/2

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

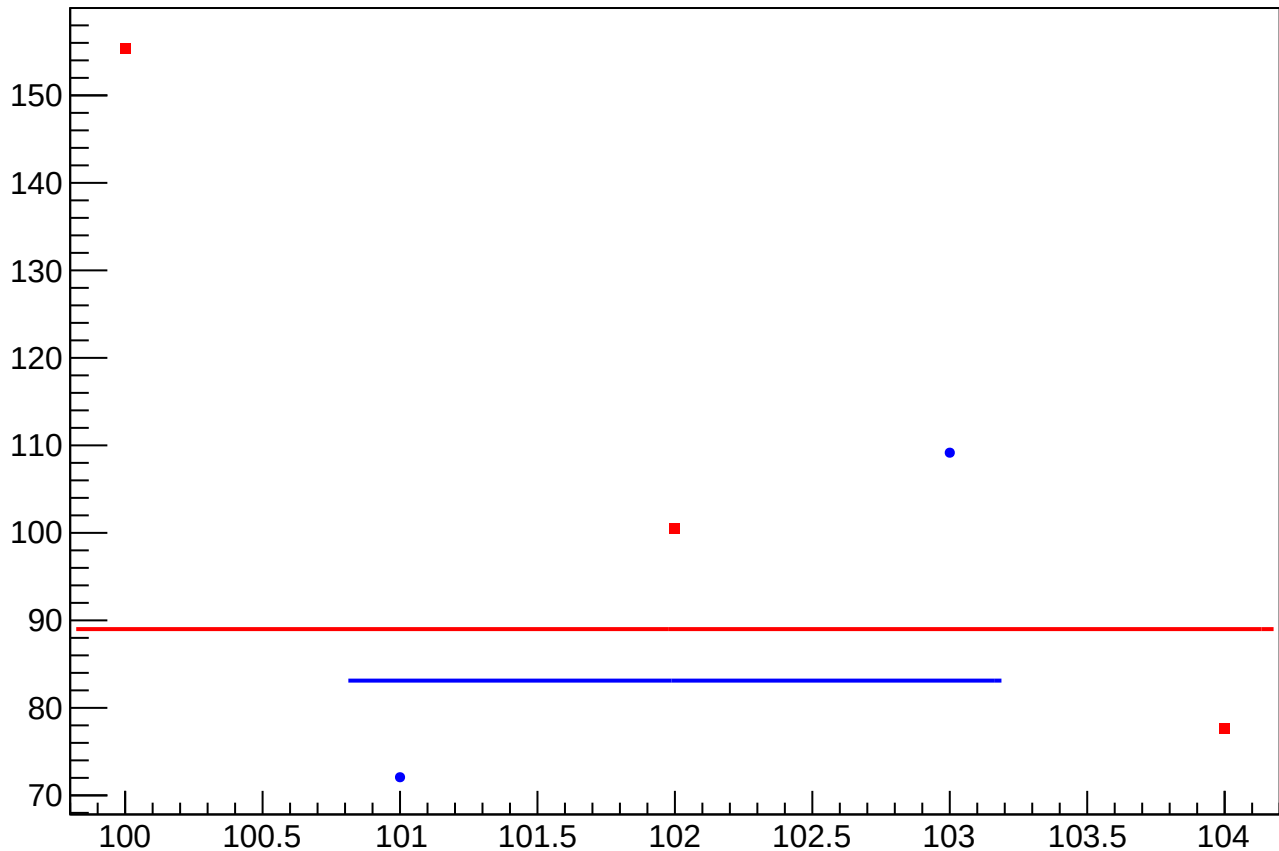
Right: -3.902 $\pm$ 56.223 χ^2 /NDF: 5.7/4

In: -15.343 $\pm$ 76.774 χ^2 /NDF: 1.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.902 $\pm$ 56.223 χ^2 /NDF: 5.7/4

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 83.116 $\pm$ 0.054 χ^2 /NDF: 97600.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.002 $\pm$ 0.058 χ^2 /NDF: 63671.5/2

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

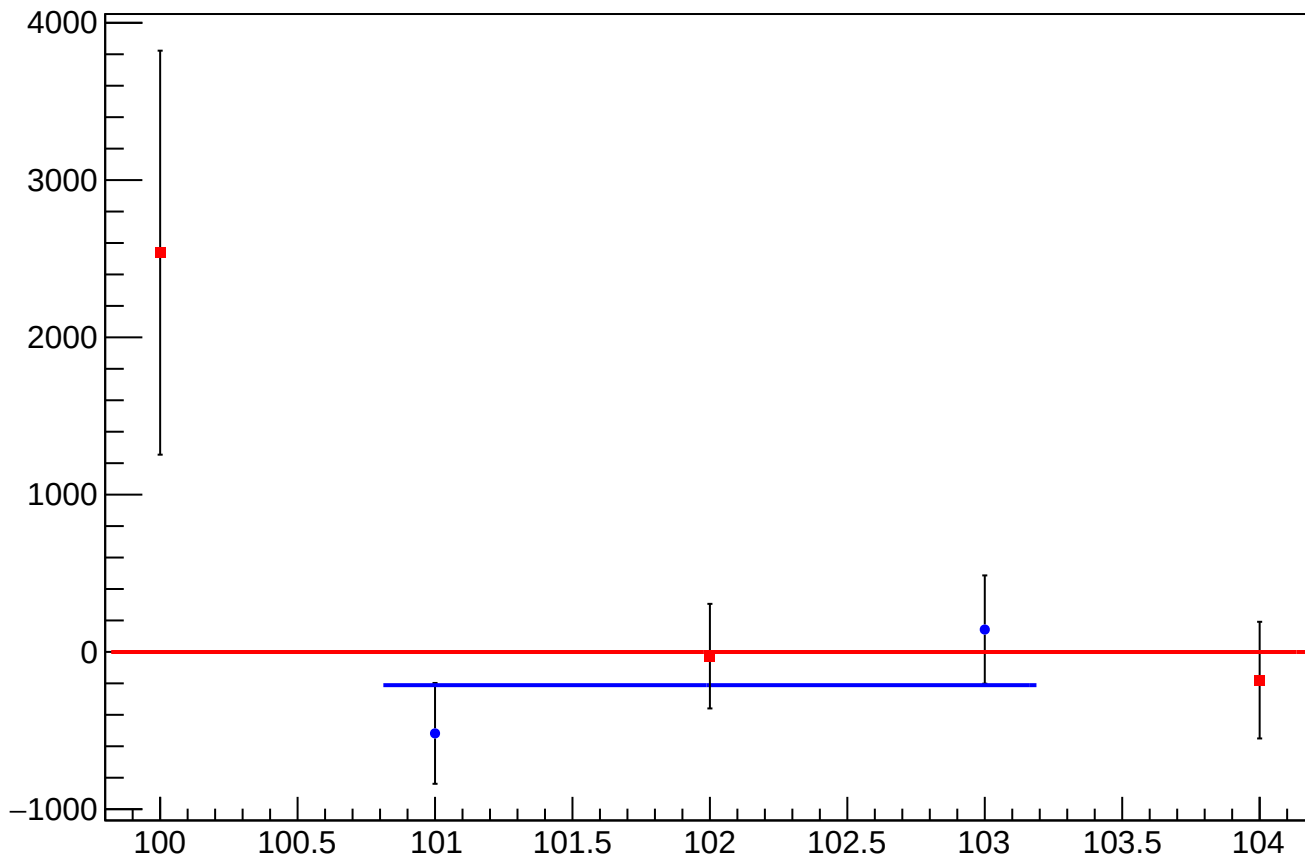
Right: 85.845 $\pm$ 0.040 χ^2 /NDF: 166724.2/4

In: 83.116 $\pm$ 0.054 χ^2 /NDF:97600.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.845 $\pm$ 0.040 χ^2 /NDF: 166724.2/4

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: -0.622+/-243.083 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

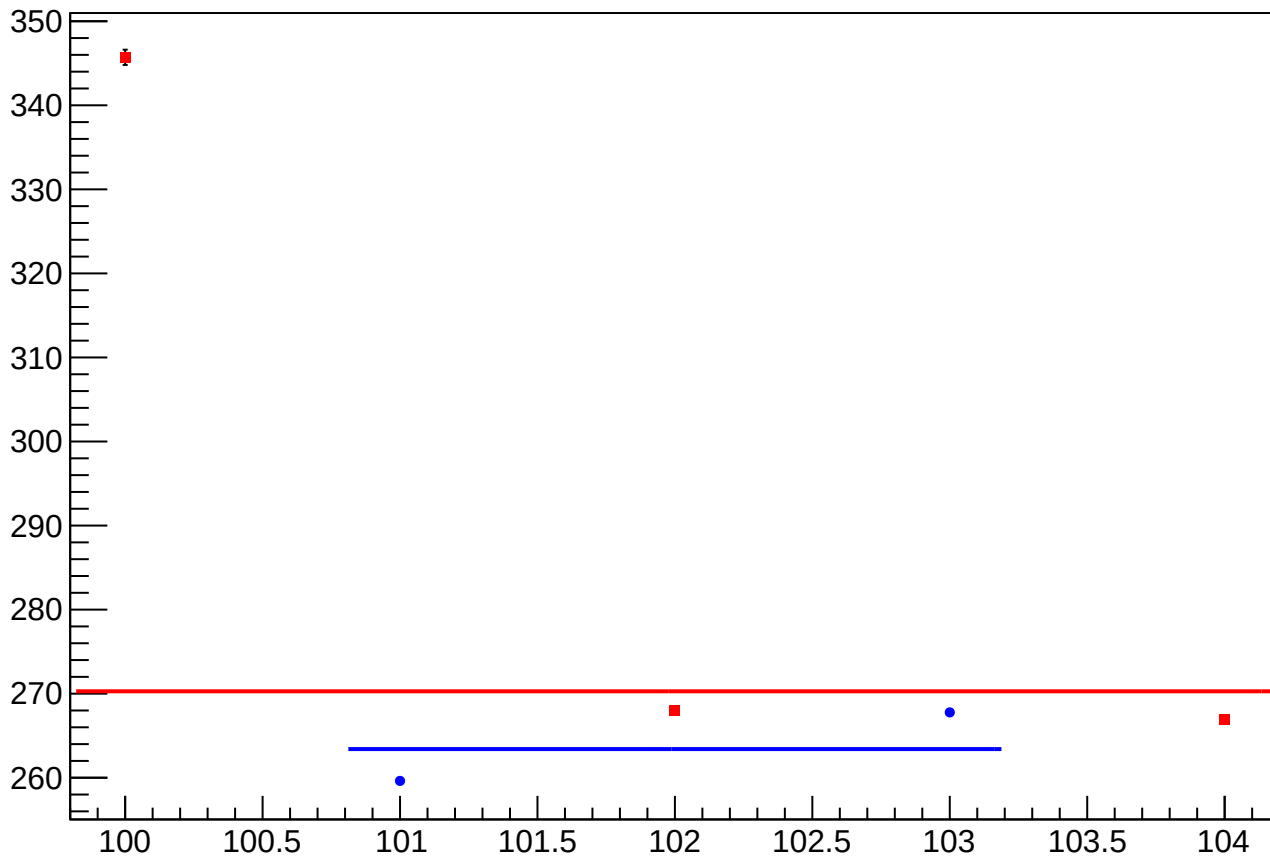
Right: -109.800+/-168.801 χ^2/NDF : 6.5/4

In: -211.480+/-234.587 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.800+/-168.801 χ^2/NDF : 6.5/4

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 263.409 $\pm$ 0.166 χ^2 /NDF: 600.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.284 $\pm$ 0.172 χ^2 /NDF: 7162.5/2

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

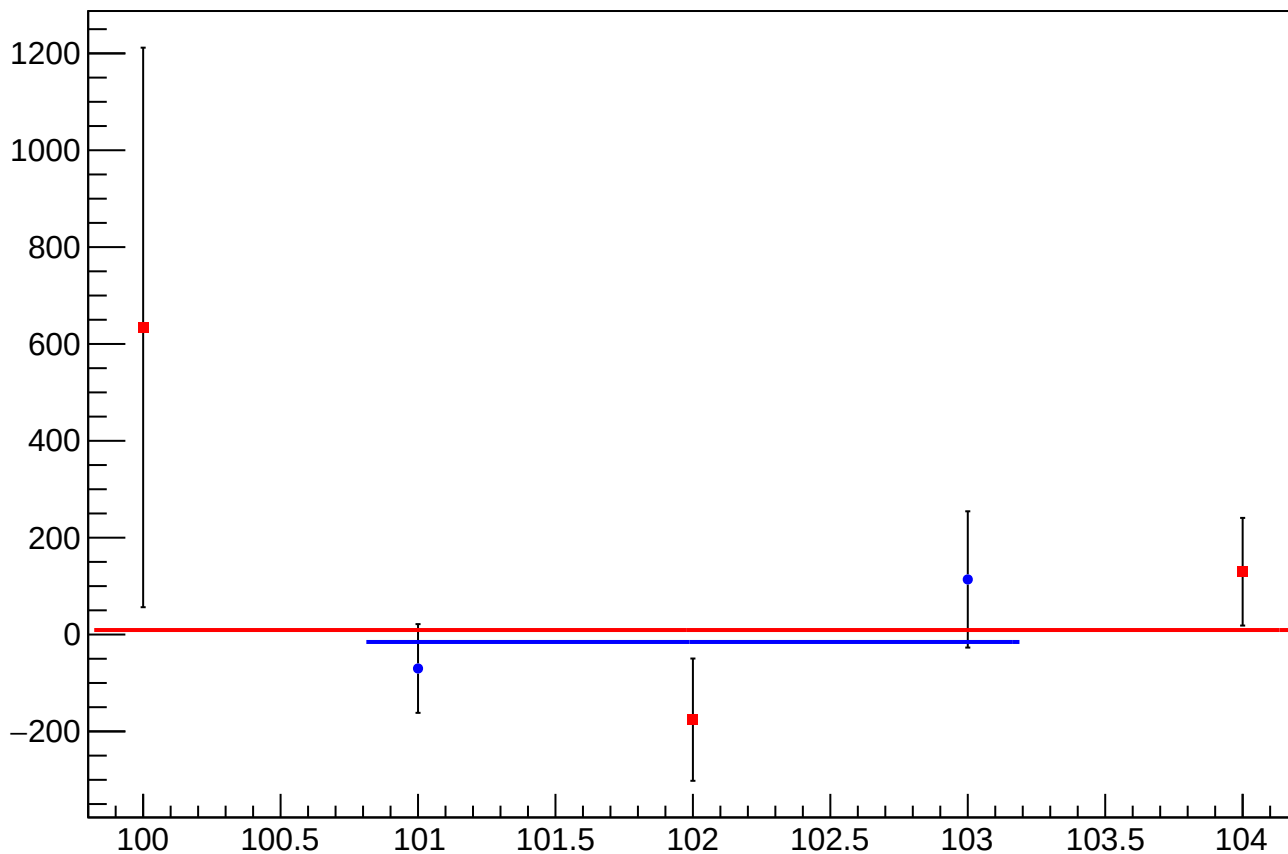
Right: 266.724 $\pm$ 0.119 χ^2 /NDF: 8591.3/4

In: 263.409 $\pm$ 0.166 χ^2 /NDF:600.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 266.724 $\pm$ 0.119 χ^2 /NDF: 8591.3/4

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: 9.329 ± 82.565 χ^2/NDF : 4.5/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

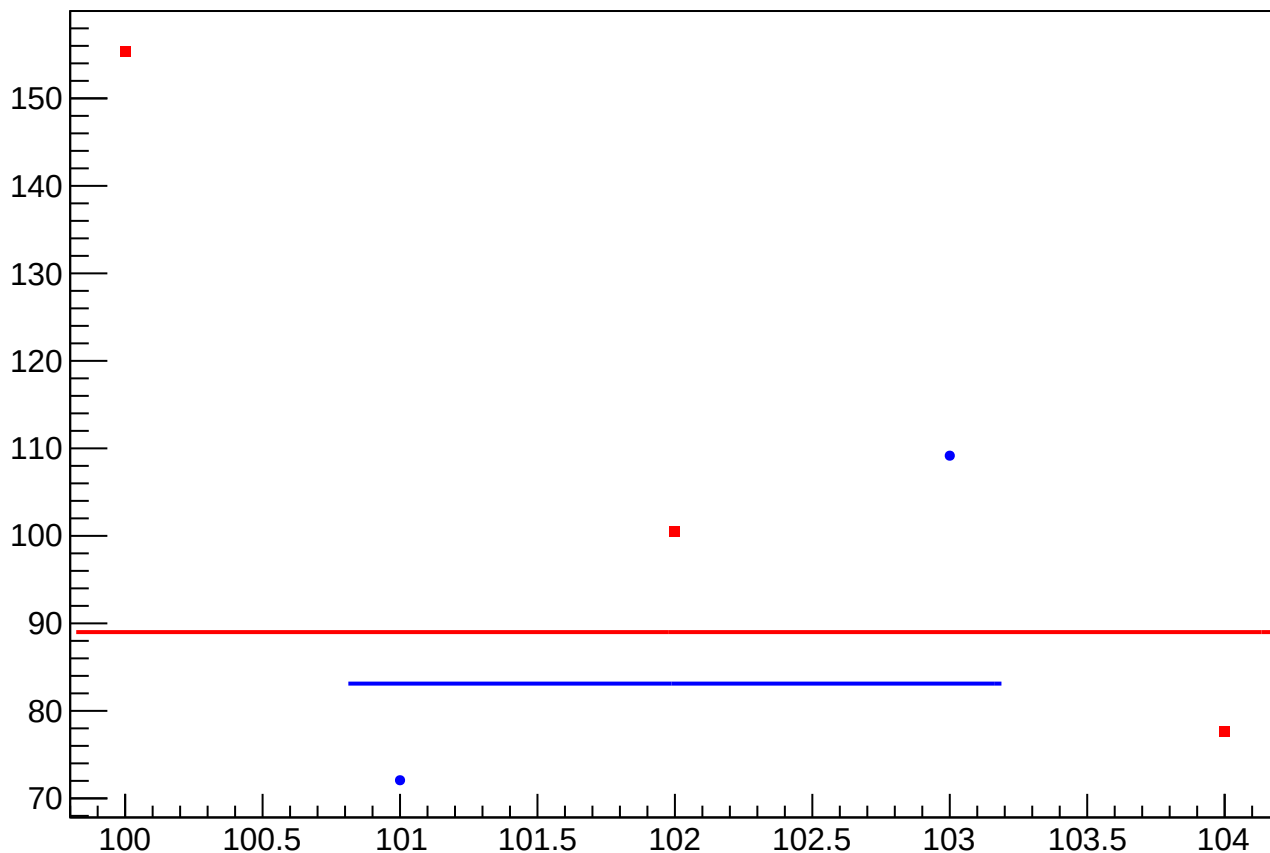
Right: -3.899 ± 56.223 χ^2/NDF : 5.7/4

In: -15.337 ± 76.774 χ^2/NDF : 1.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.899 ± 56.223 χ^2/NDF : 5.7/4

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: 89.002+/-0.058 χ^2/NDF : 63670.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

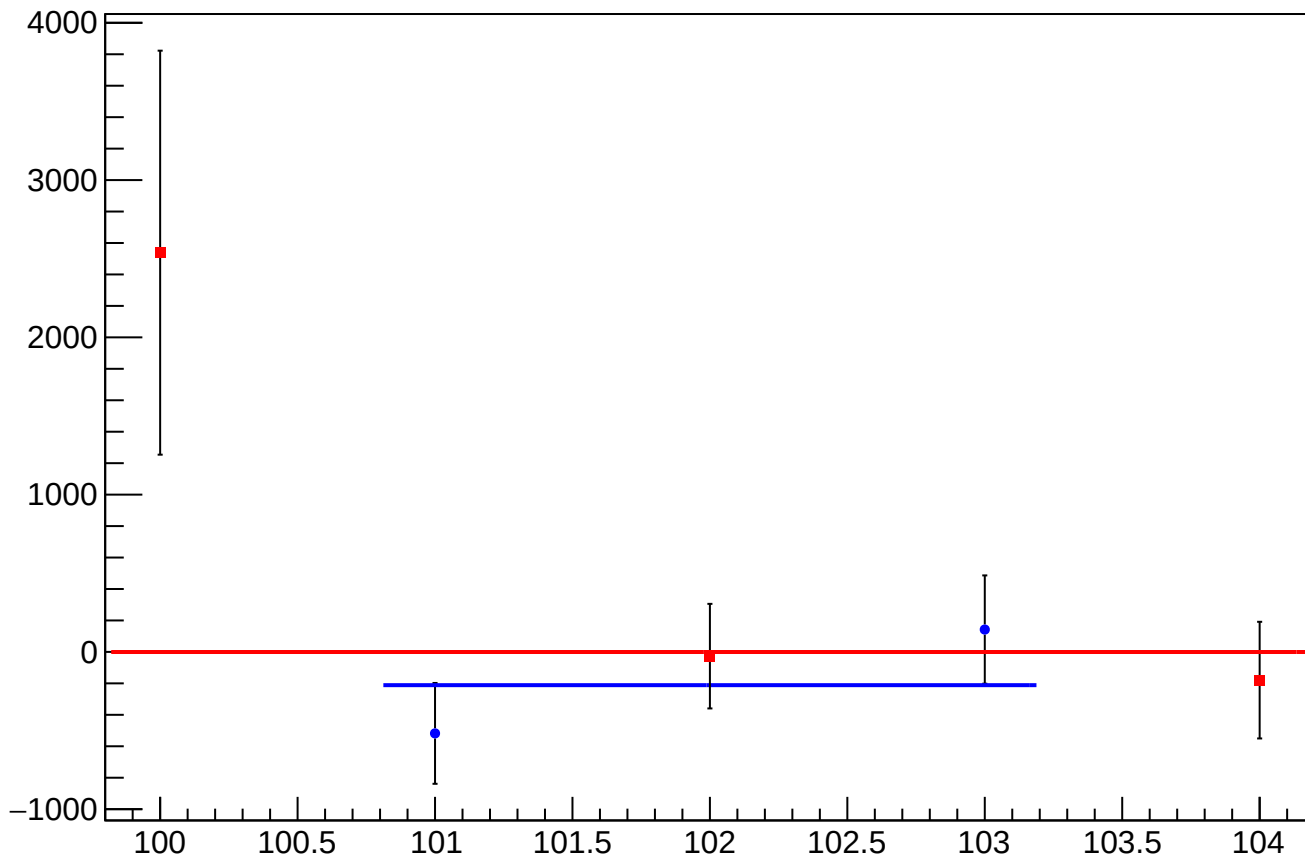
Right: 85.845+/-0.040 χ^2/NDF : 166722.4/4

In: 83.116+/-0.054 χ^2/NDF : 97599.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.845+/-0.040 χ^2/NDF : 166722.4/4

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: -0.623+/-243.080 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

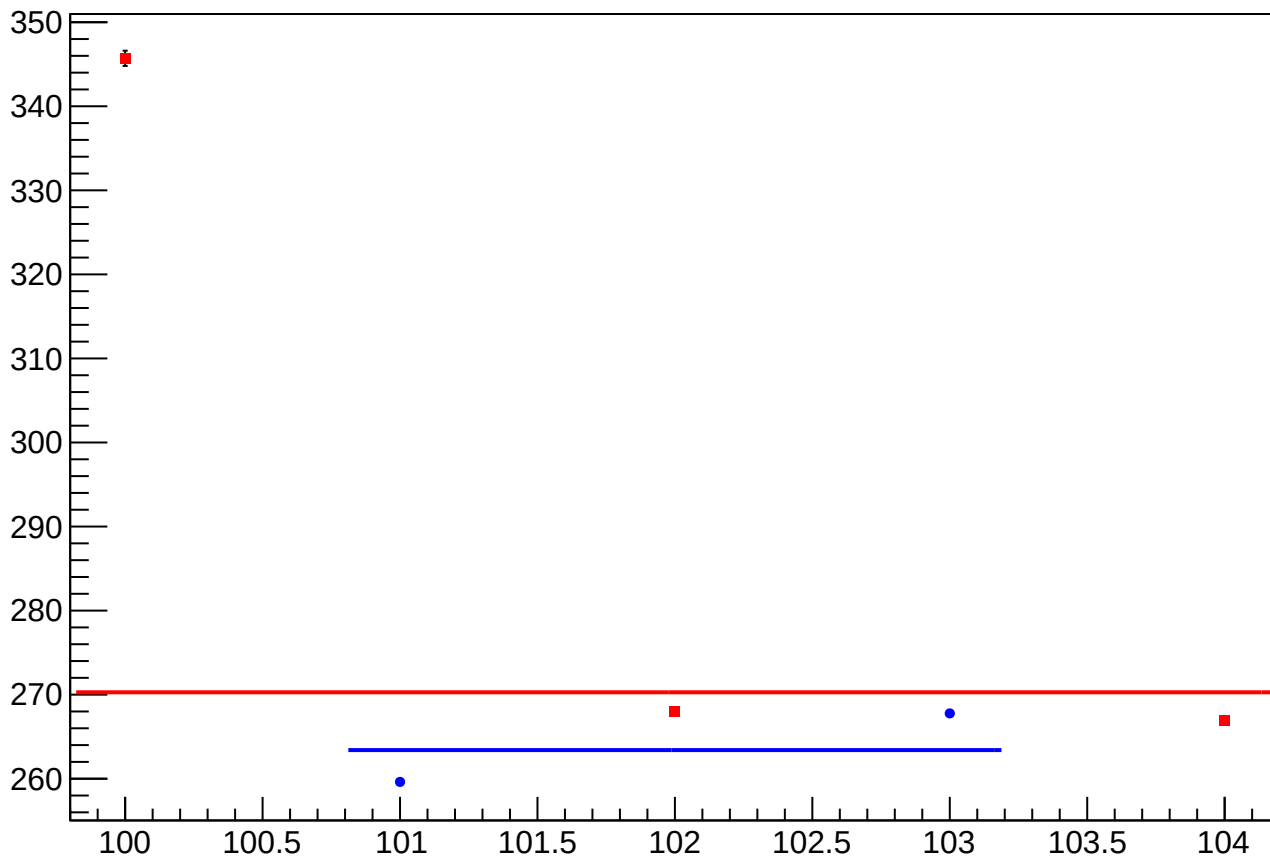
Right: -109.799+/-168.800 χ^2/NDF : 6.5/4

In: -211.477+/-234.585 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.799+/-168.800 χ^2/NDF : 6.5/4

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 263.406 $\pm$ 0.166 χ^2 /NDF: 600.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 270.281 $\pm$ 0.172 χ^2 /NDF: 7162.5/2

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

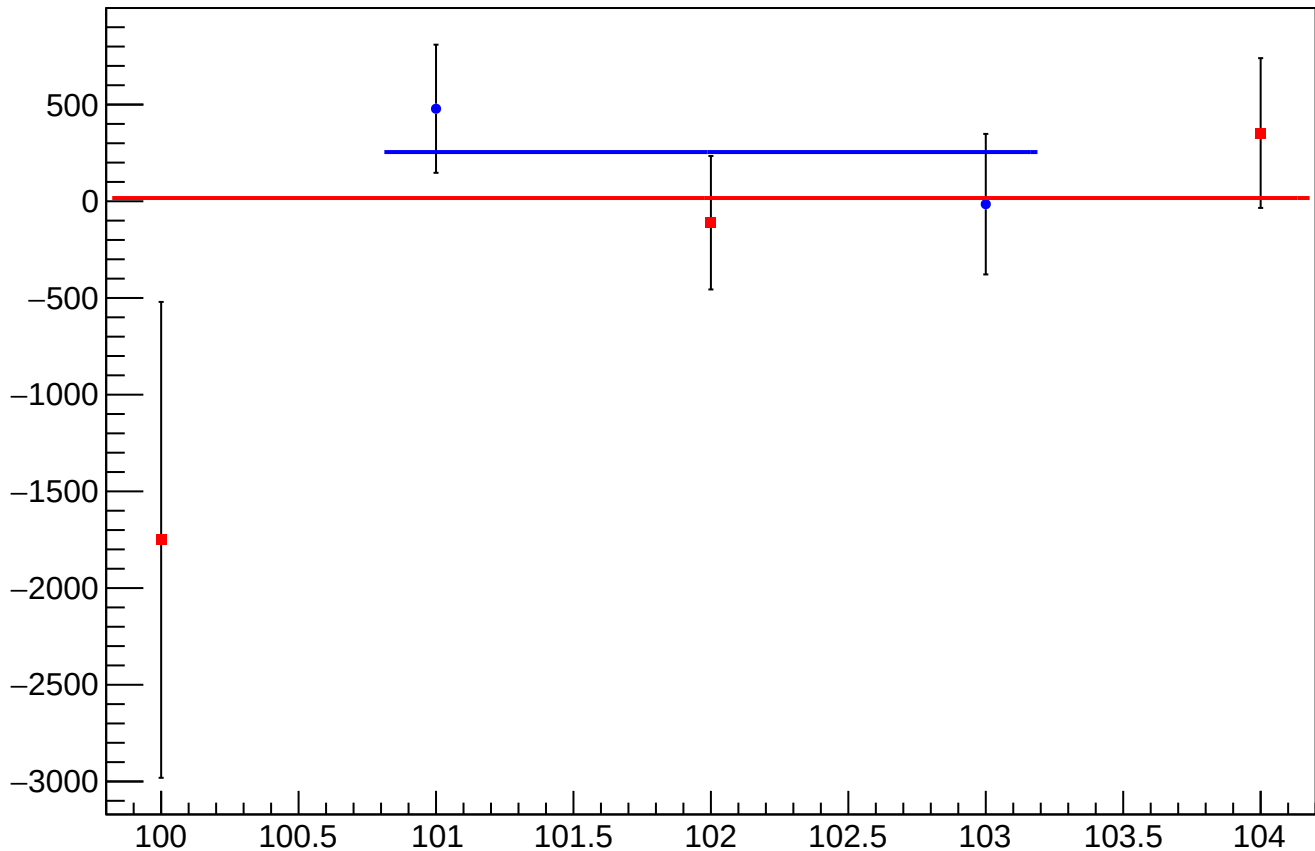
Right: 266.722 $\pm$ 0.119 χ^2 /NDF: 8591.2/4

In: 263.406 $\pm$ 0.166 χ^2 /NDF:600.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 266.722 $\pm$ 0.119 χ^2 /NDF: 8591.2/4

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: 16.802 $\pm$ 252.109 χ^2 /NDF: 3.0/2

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

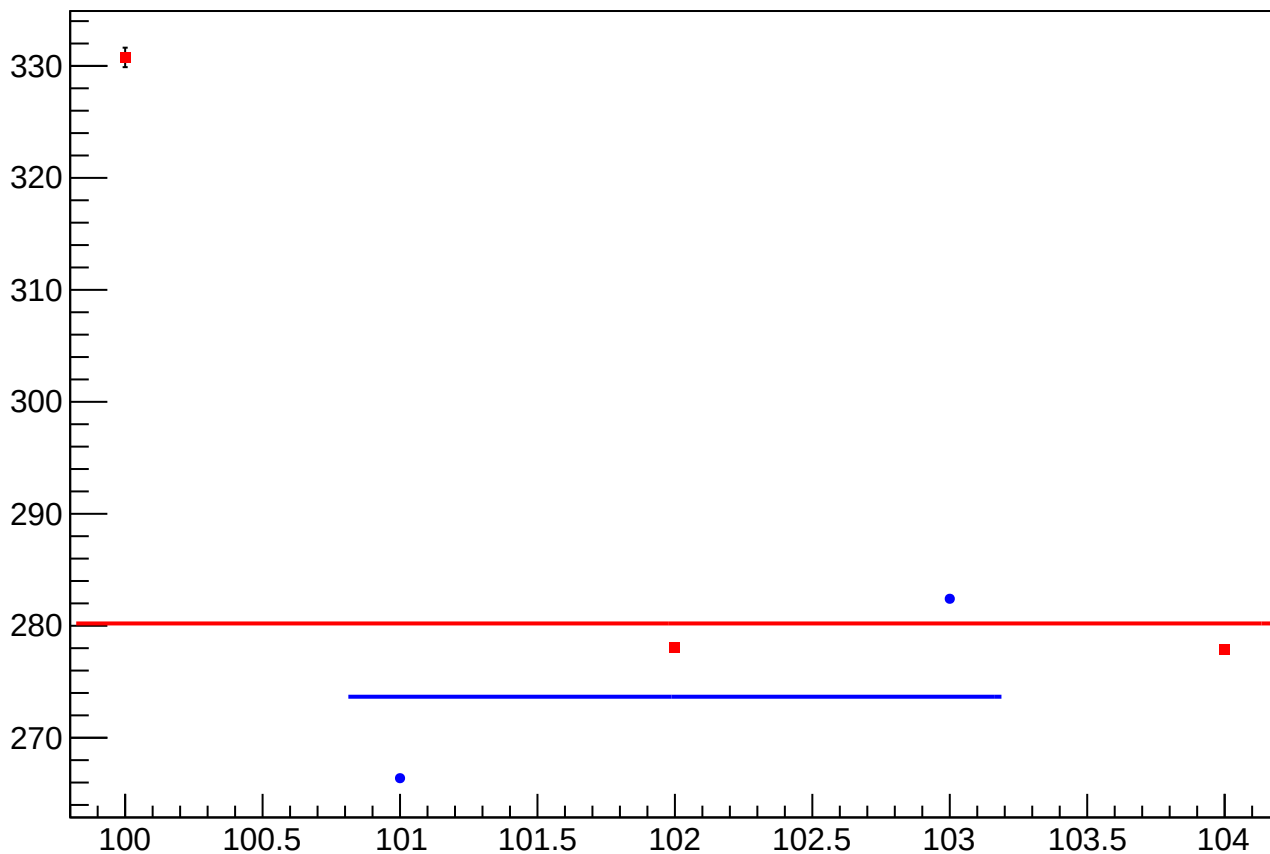
Right: 139.115 $\pm$ 175.627 χ^2 /NDF: 4.4/4

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: 139.115 $\pm$ 175.627 χ^2 /NDF: 4.4/4

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: 280.208 $\pm$ 0.178 χ^2 /NDF: 3524.6/2

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

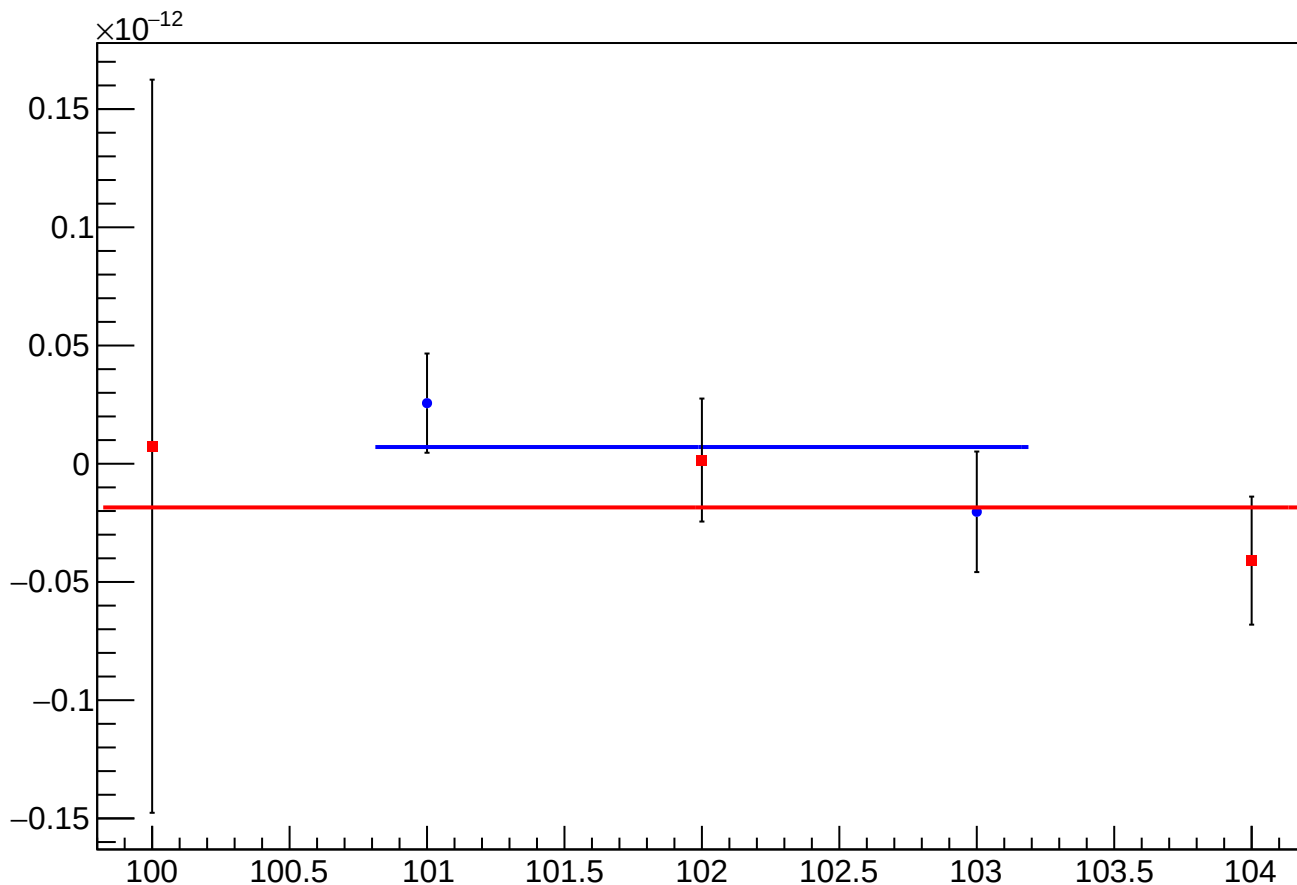
Right: 276.840 $\pm$ 0.124 χ^2 /NDF: 6341.8/4

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: 276.840 $\pm$ 0.124 χ^2 /NDF: 6341.8/4

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 : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

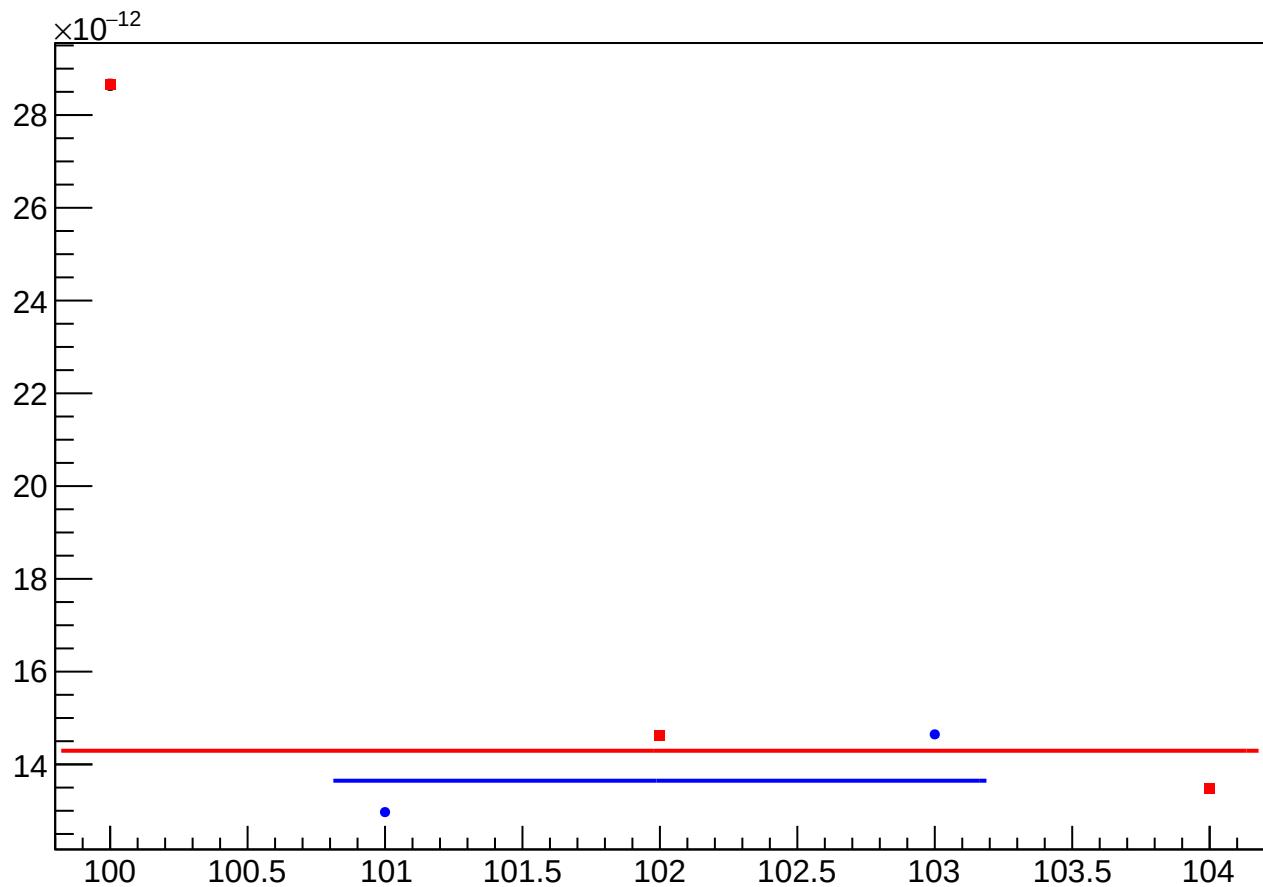
Right: -0.000+/-0.000 χ^2/NDF : 4.3/4

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 : 4.3/4

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 : 19260.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

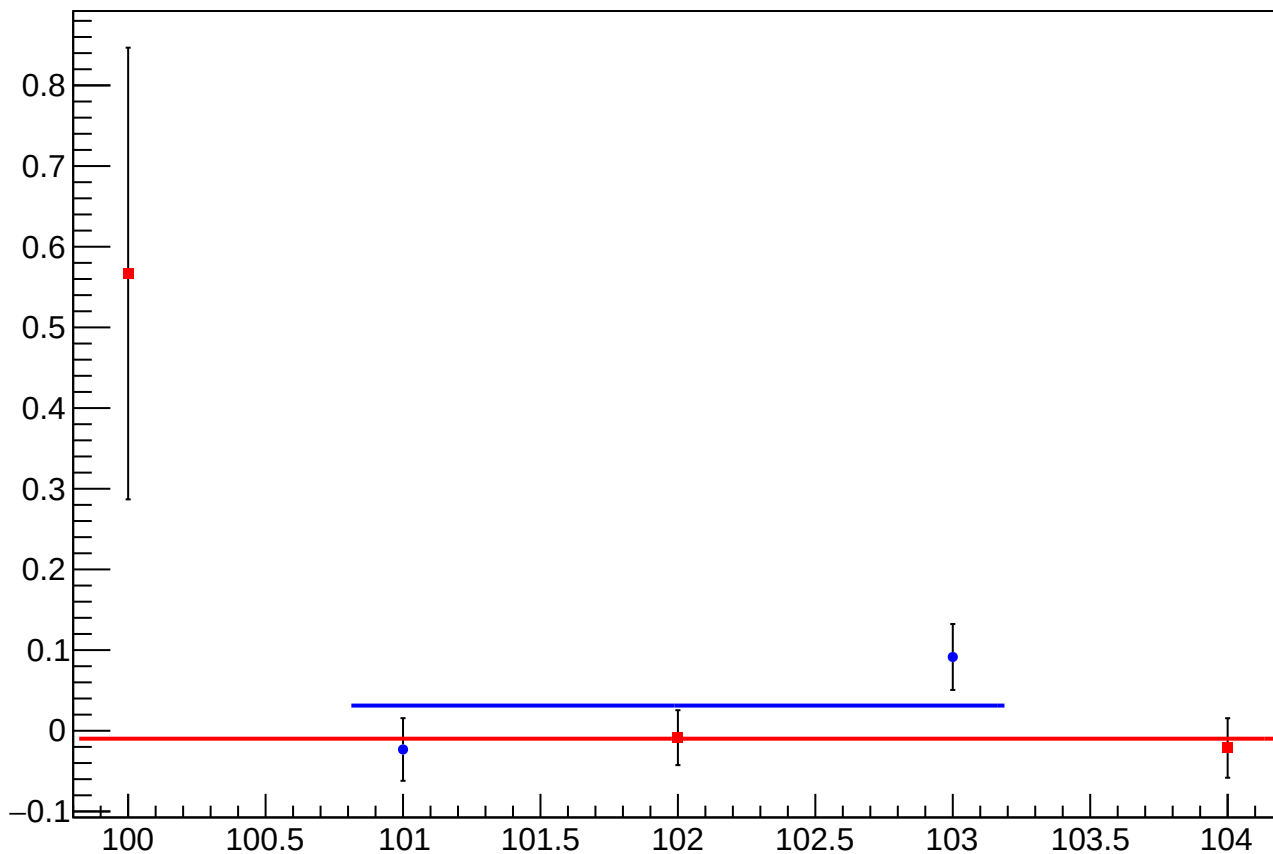
Right: 0.000+/-0.000 χ^2/NDF : 25786.1/4

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 : 25786.1/4

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: -0.010+/-0.025 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

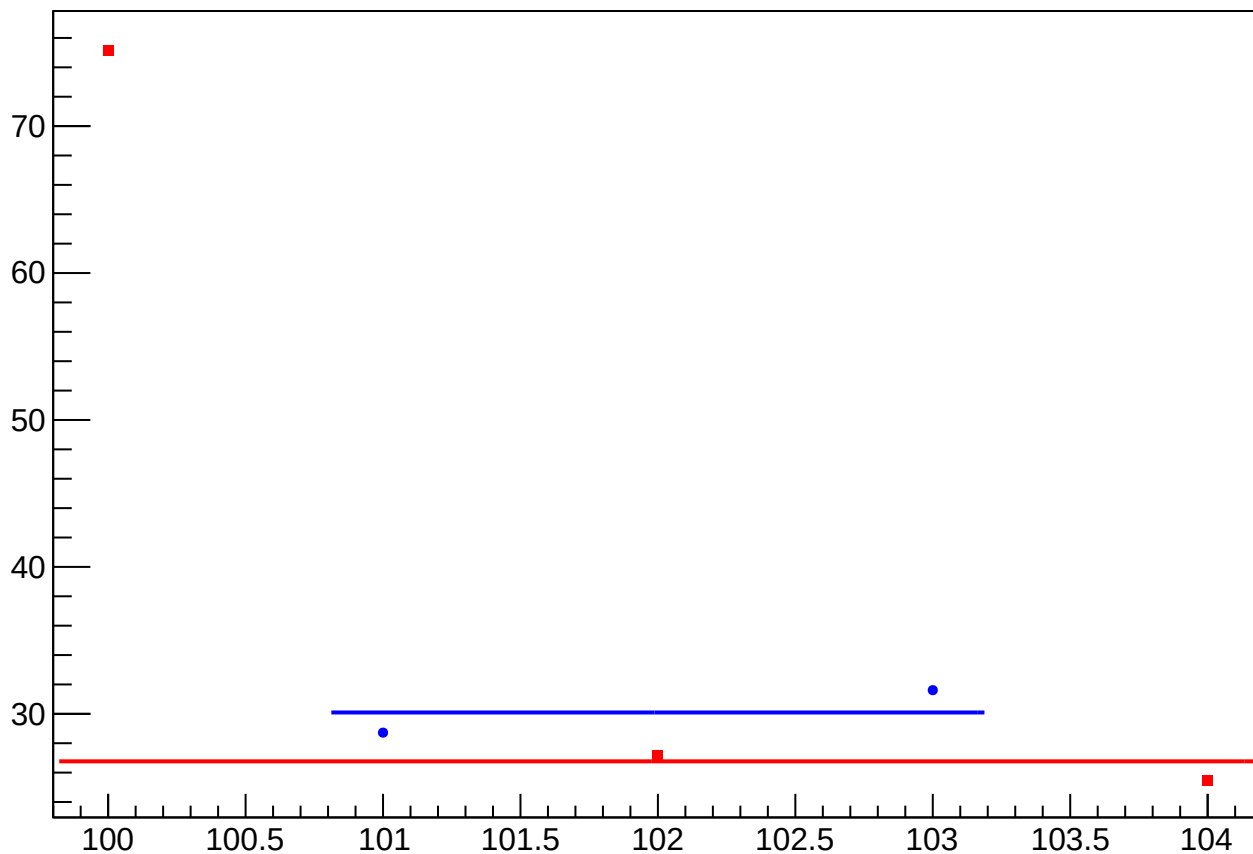
Right: 0.008+/-0.019 χ^2/NDF : 9.7/4

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.019 χ^2/NDF : 9.7/4

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: 26.766 $\pm$ 0.018 χ^2 /NDF: 62450.4/2

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

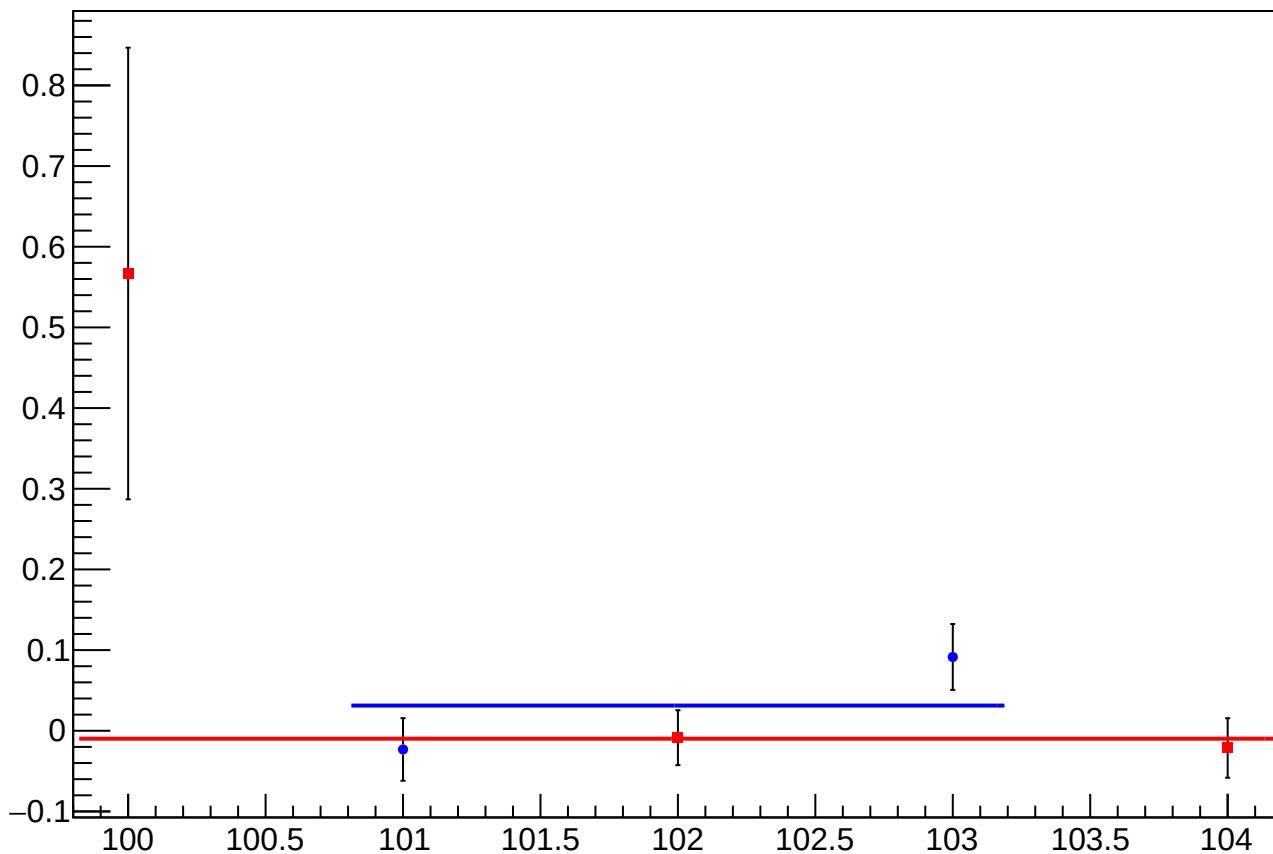
Right: 28.228 $\pm$ 0.013 χ^2 /NDF: 83368.3/4

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: 28.228 $\pm$ 0.013 χ^2 /NDF: 83368.3/4

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: -0.010+/-0.025 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

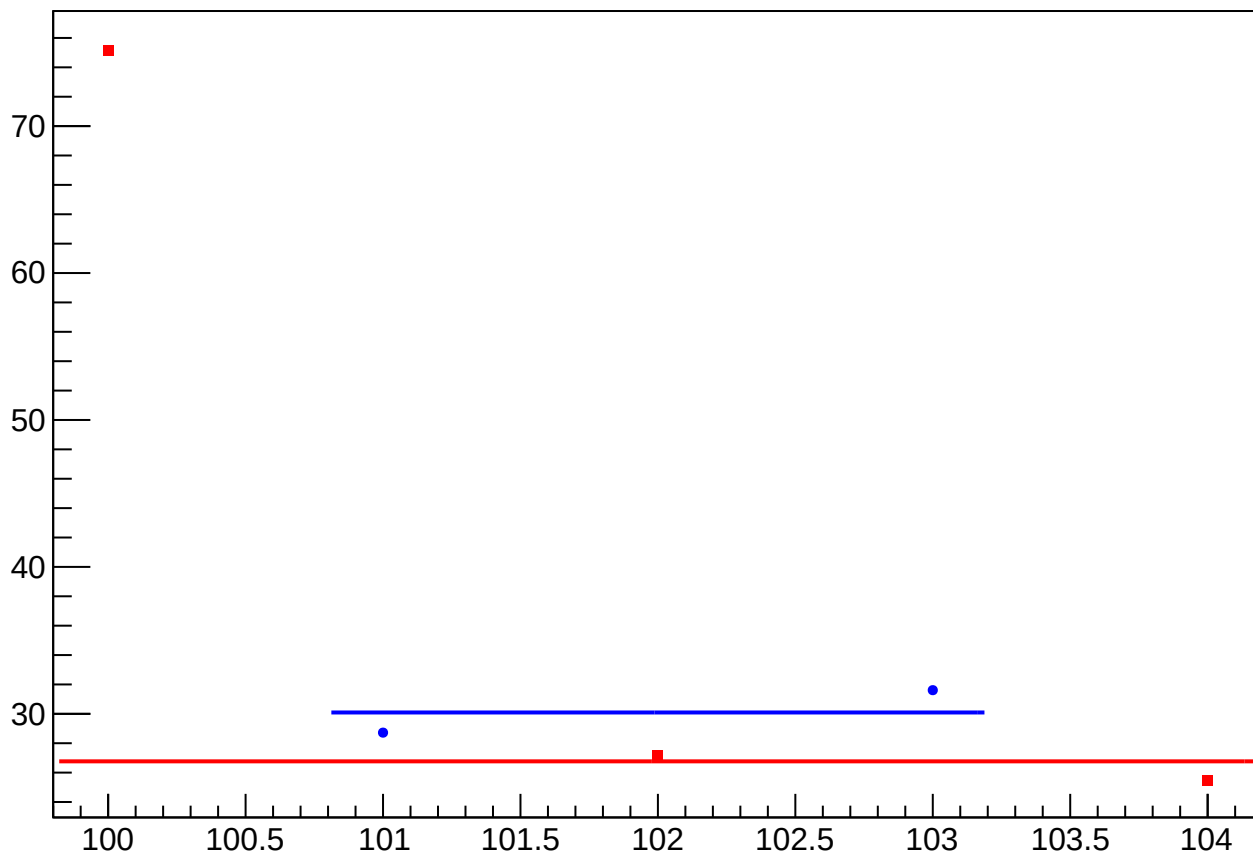
Right: 0.008+/-0.019 χ^2/NDF : 9.7/4

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.019 χ^2/NDF : 9.7/4

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.092+/-0.020 χ^2/NDF : 5261.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.766+/-0.018 χ^2/NDF : 62450.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

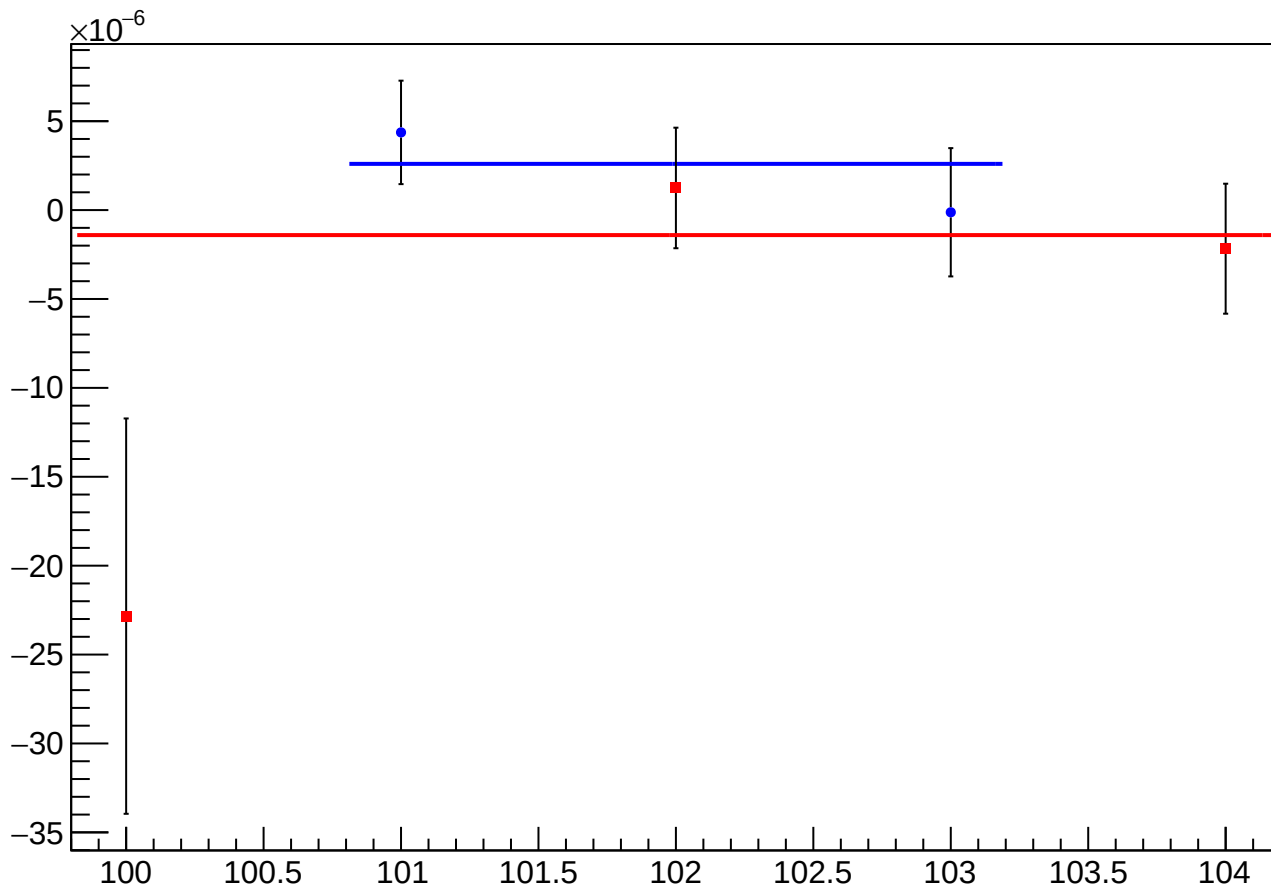
Right: 28.228+/-0.013 χ^2/NDF : 83368.3/4

In: 30.092+/-0.020 χ^2/NDF : 5261.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.228+/-0.013 χ^2/NDF : 83368.3/4

asym_sam8_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 : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

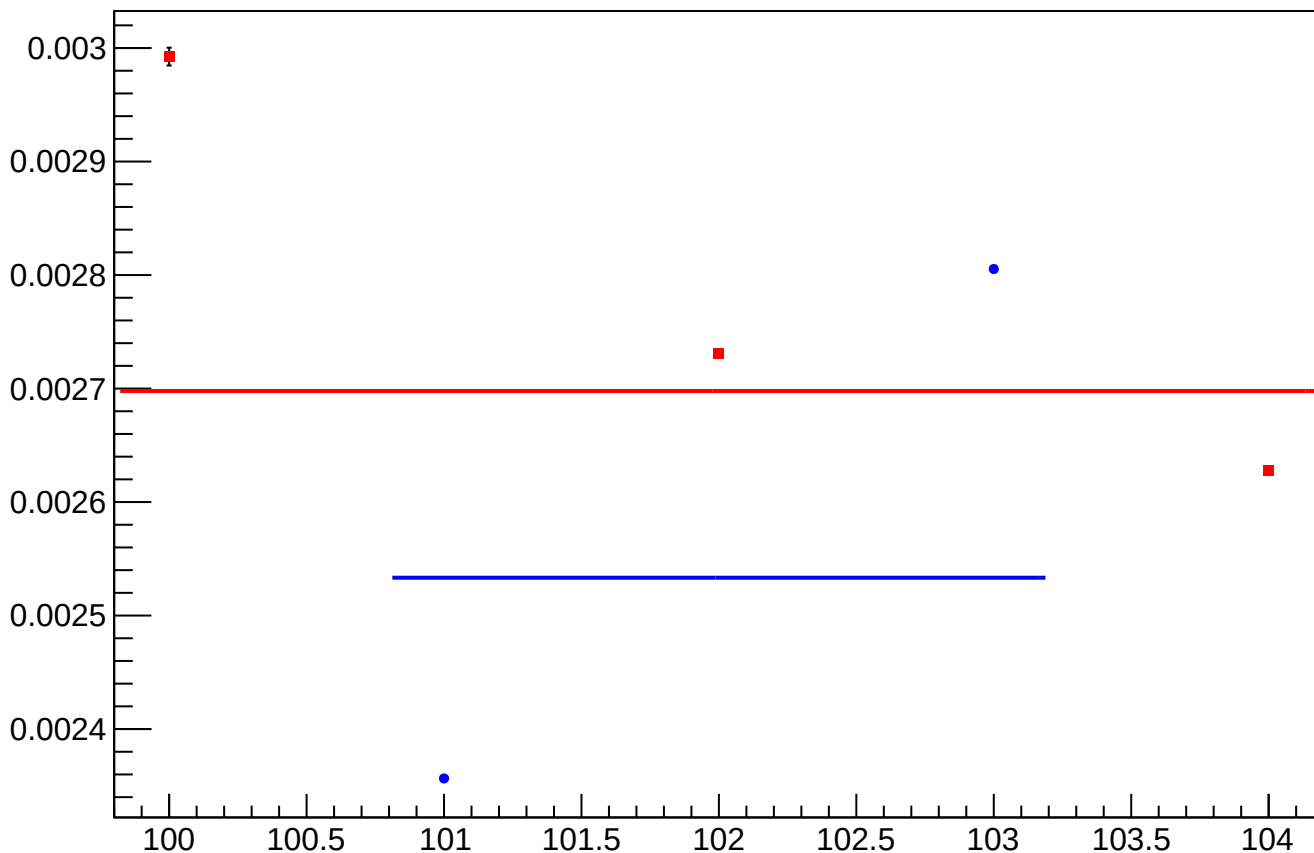
Right: 0.000+/-0.000 χ^2/NDF : 6.8/4

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/4

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 18759.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 2337.8/2

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

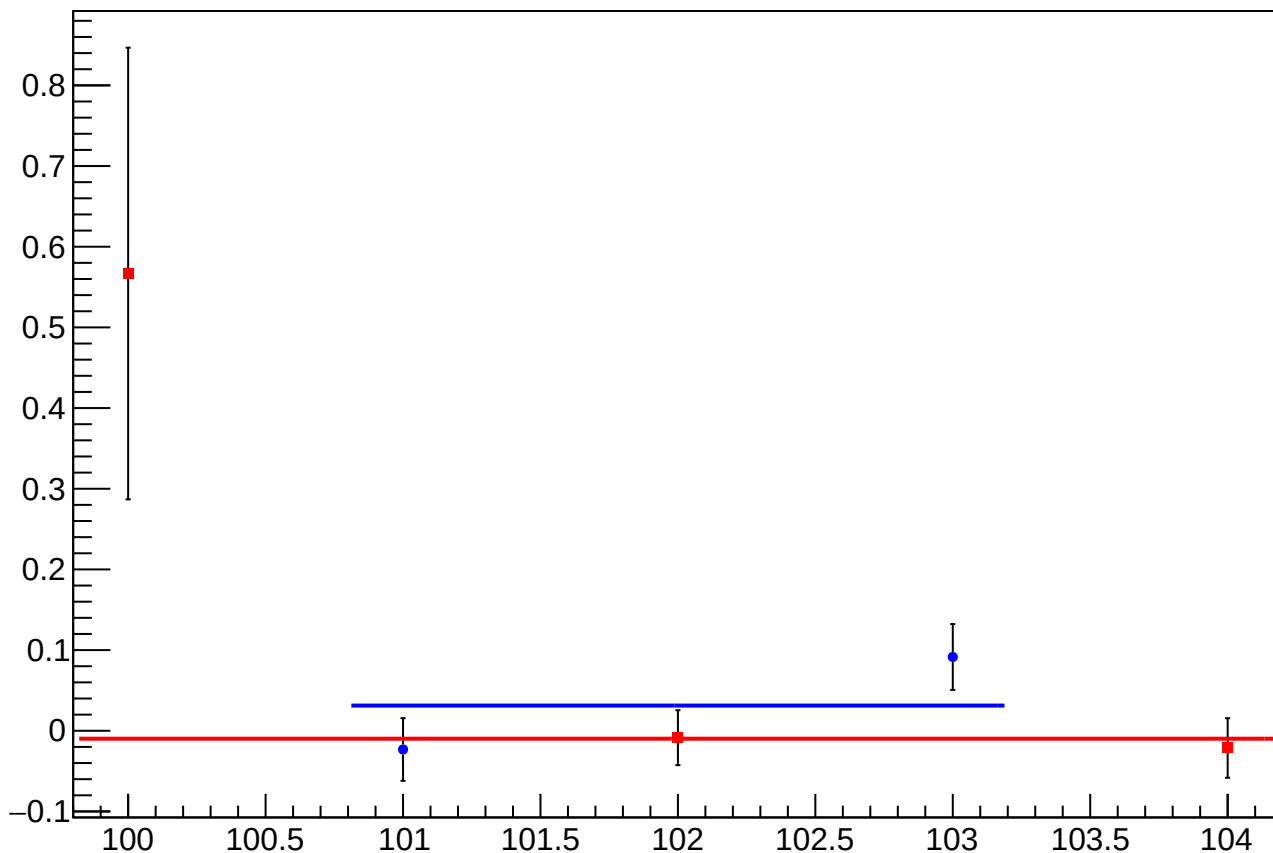
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 26013.5/4

In: 0.003 $\pm$ 0.000 χ^2 /NDF:18759.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 26013.5/4

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: -0.010+/-0.025 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

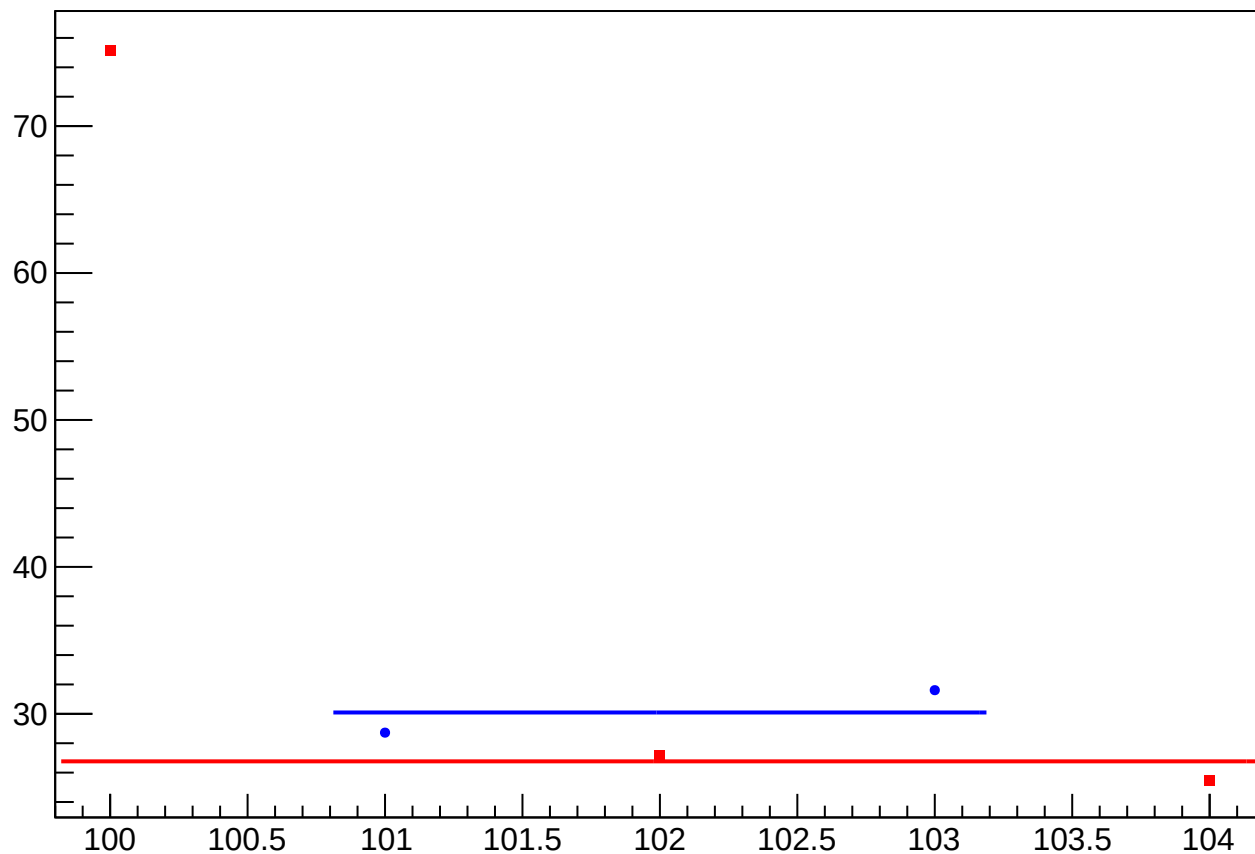
Right: 0.008+/-0.019 χ^2/NDF : 9.7/4

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.019 χ^2/NDF : 9.7/4

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: 26.766 $\pm$ 0.018 χ^2 /NDF: 62446.2/2

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

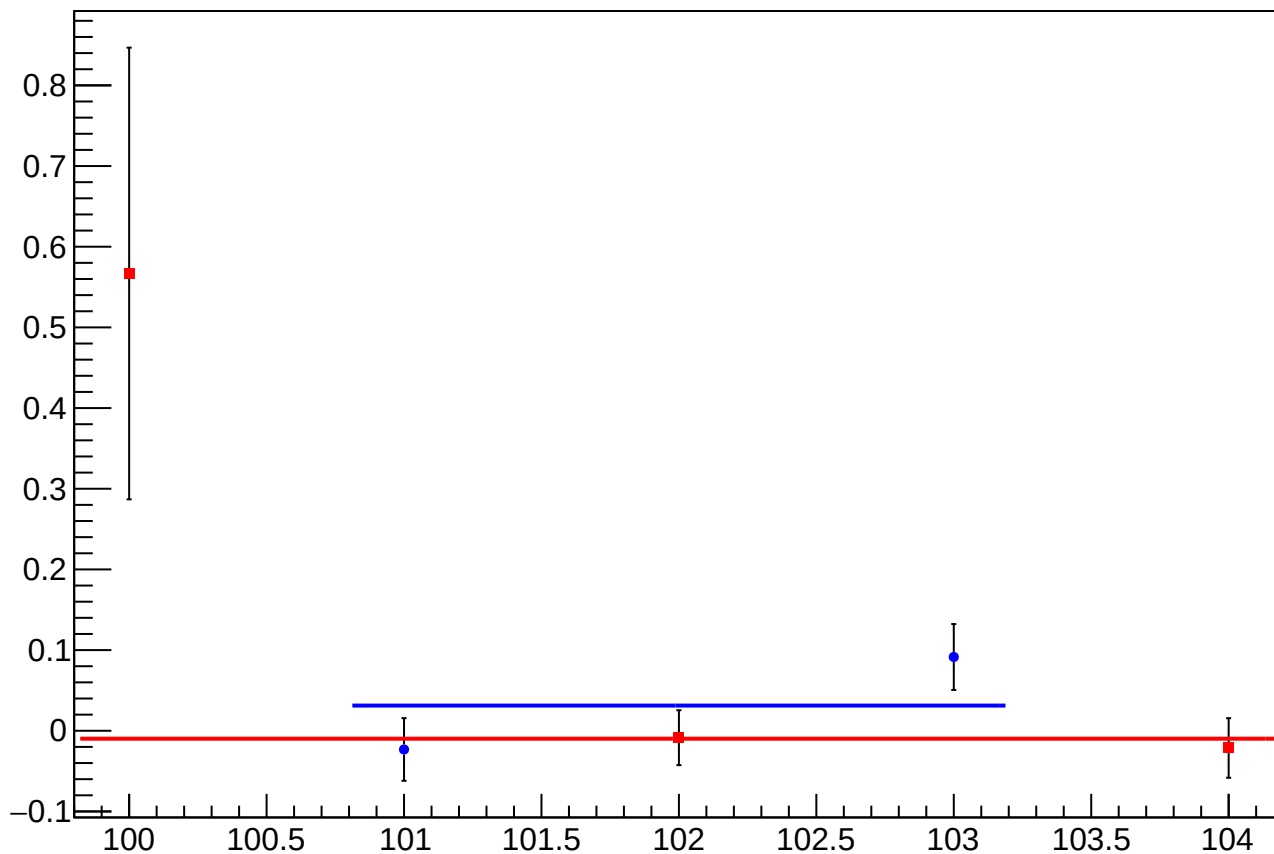
Right: 28.228 $\pm$ 0.013 χ^2 /NDF: 83362.3/4

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: 28.228 $\pm$ 0.013 χ^2 /NDF: 83362.3/4

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: -0.010+/-0.025 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

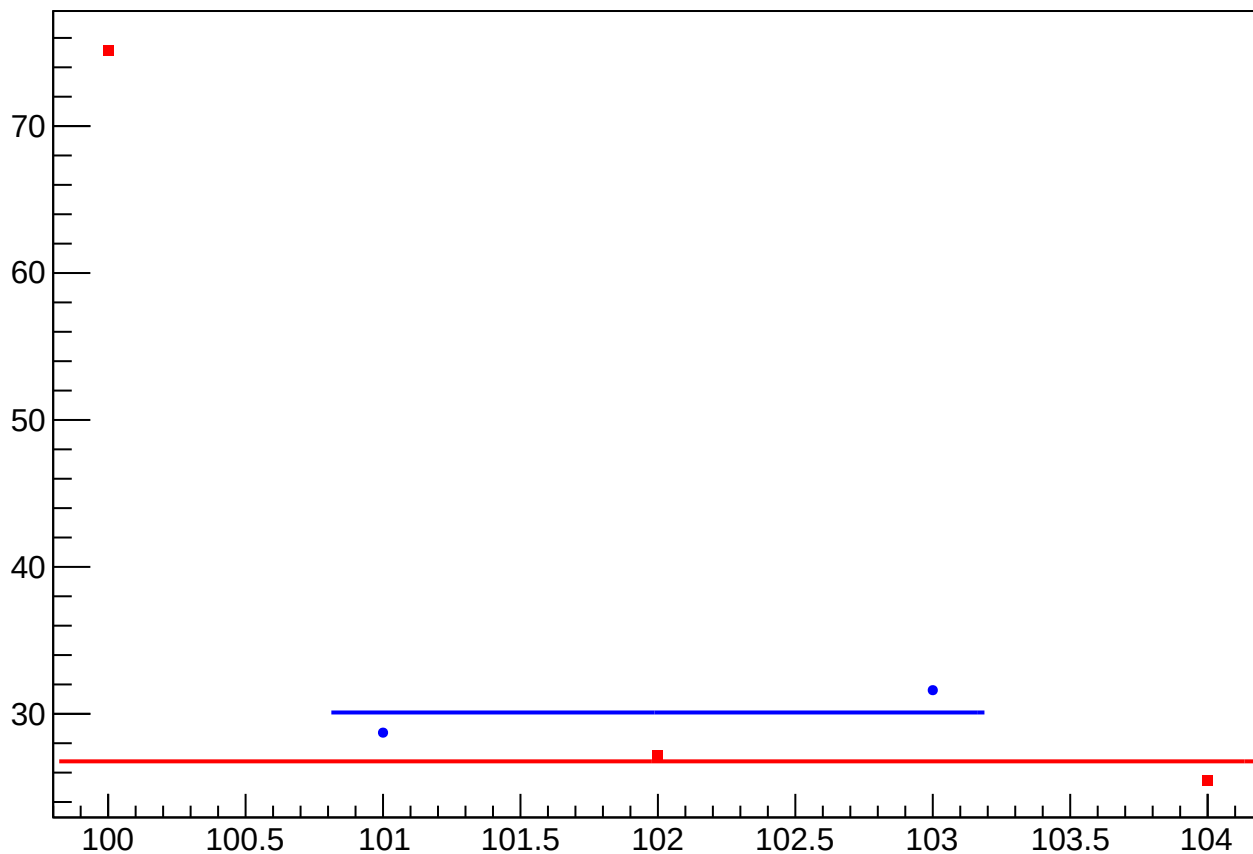
Right: 0.008+/-0.019 χ^2/NDF : 9.7/4

In: 0.031+/-0.028 χ^2/NDF : 4.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.019 χ^2/NDF : 9.7/4

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: 26.766+/-0.018 χ^2/NDF : 62446.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

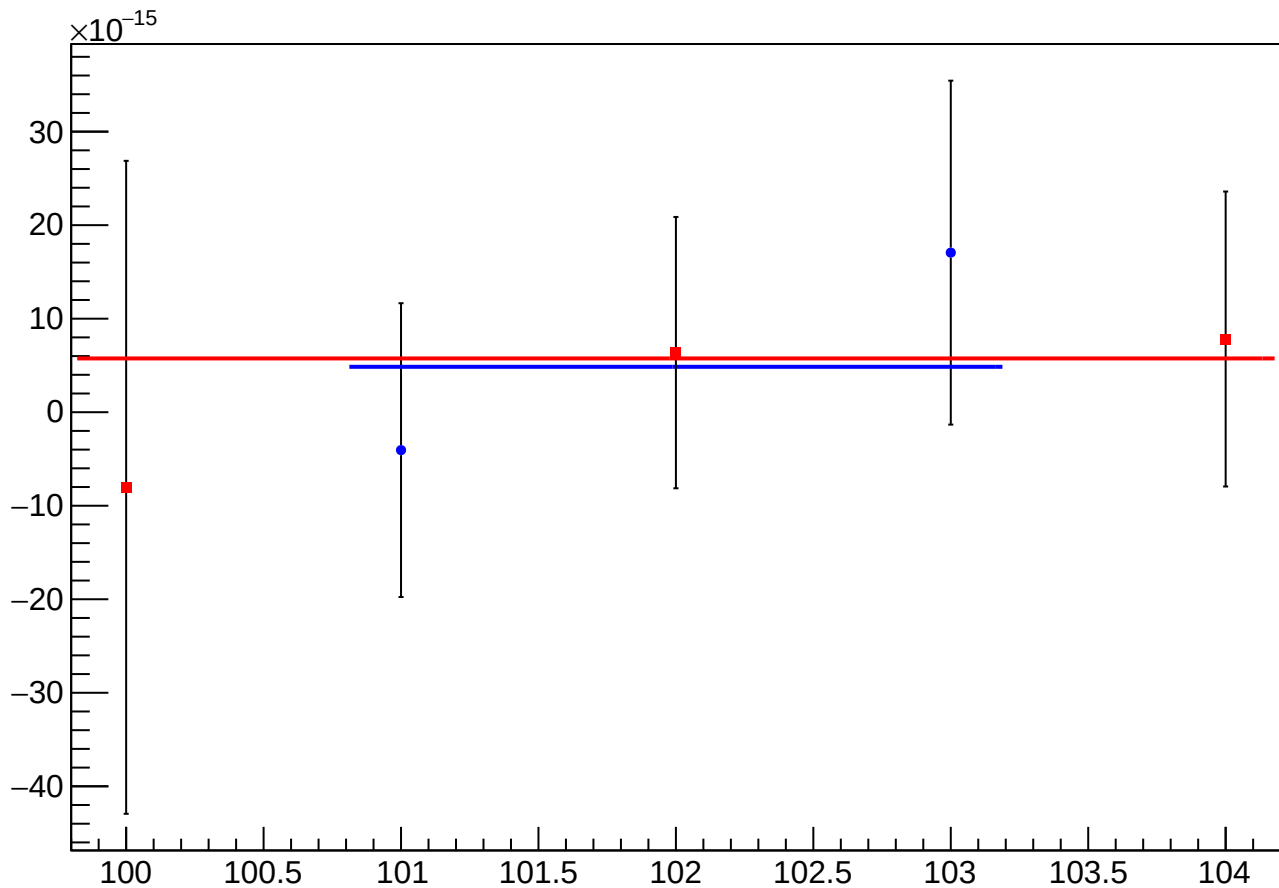
Right: 28.228+/-0.013 χ^2/NDF : 83362.3/4

In: 30.092+/-0.020 χ^2/NDF : 5261.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.228+/-0.013 χ^2/NDF : 83362.3/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

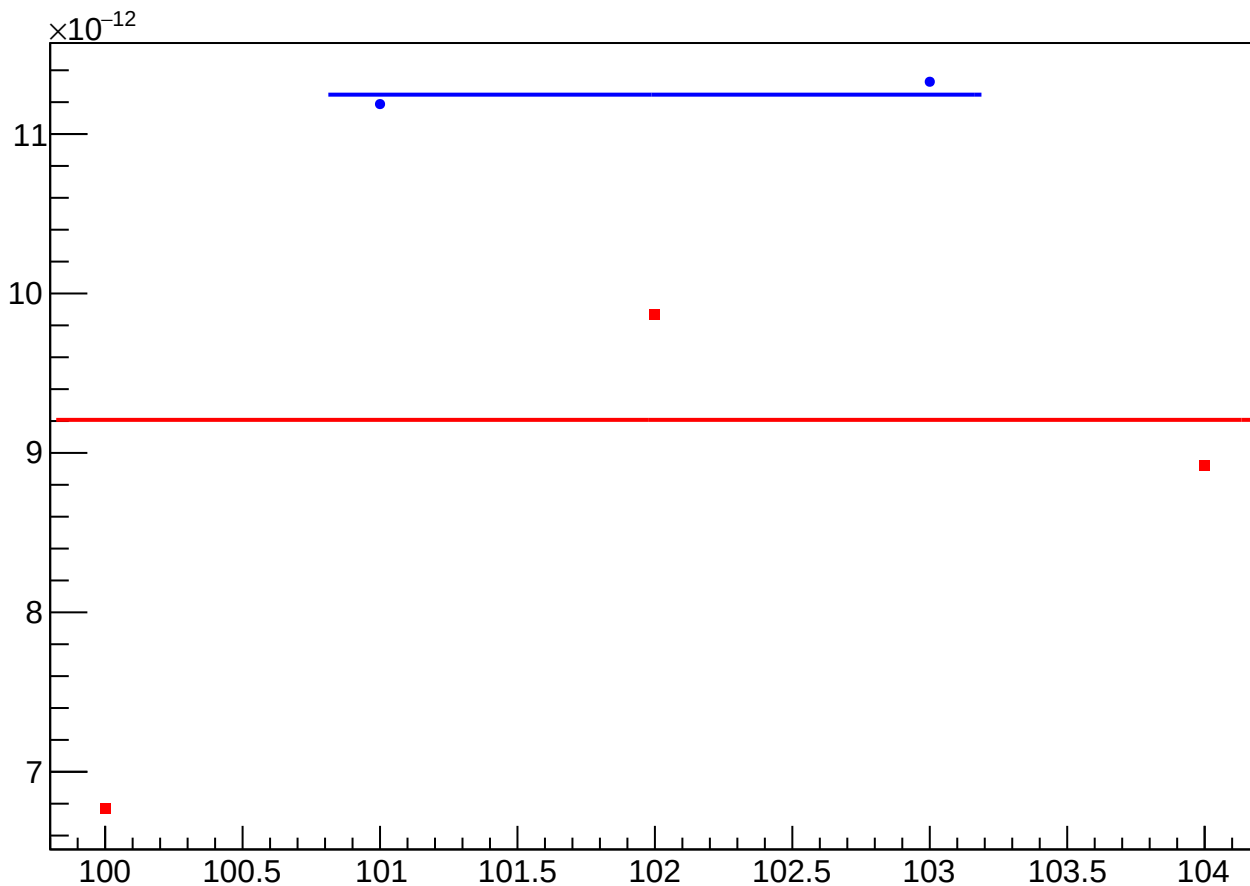
Right: 0.000+/-0.000 χ^2/NDF : 0.9/4

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 : 0.9/4

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 : 14592.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

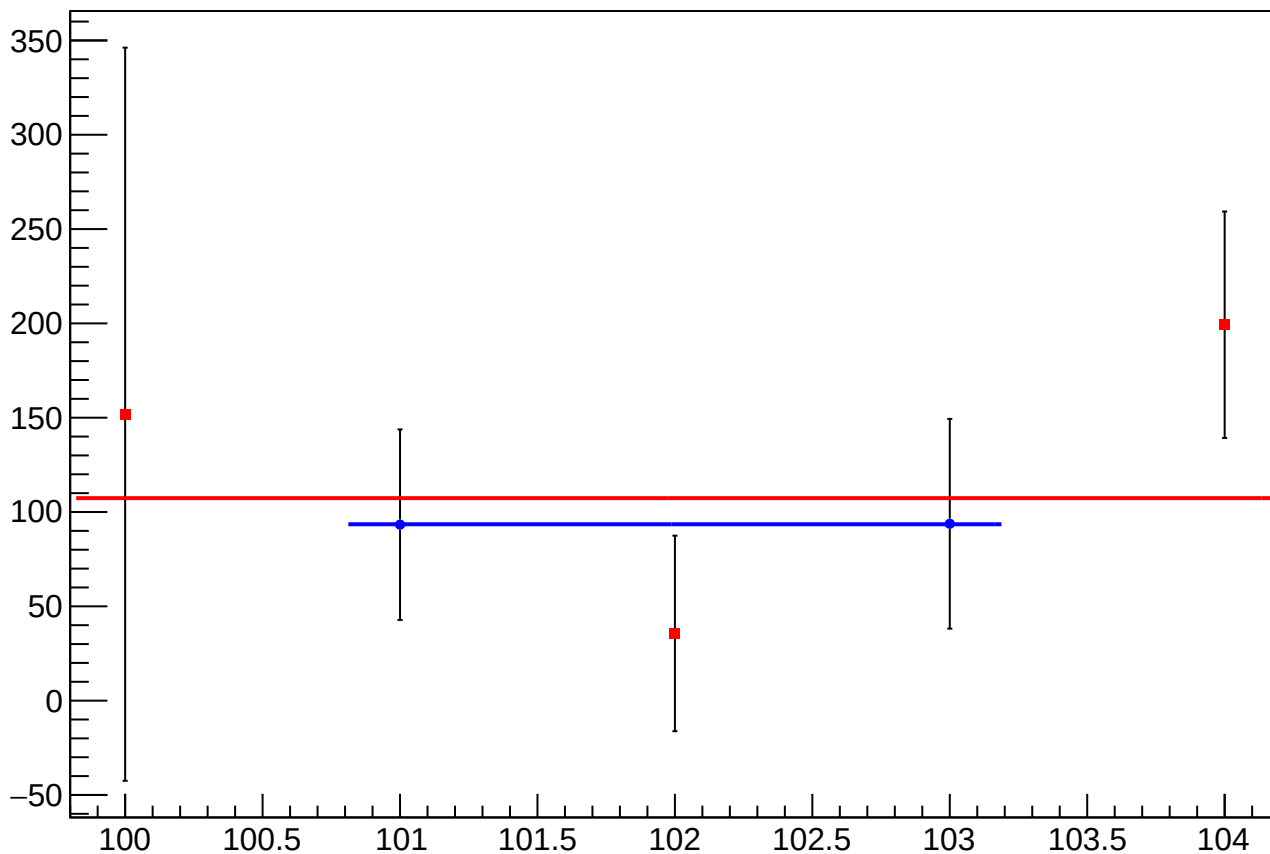
Right: 0.000+/-0.000 χ^2/NDF : 48366.8/4

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 : 48366.8/4

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.506+/-37.388 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.350+/-38.455 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

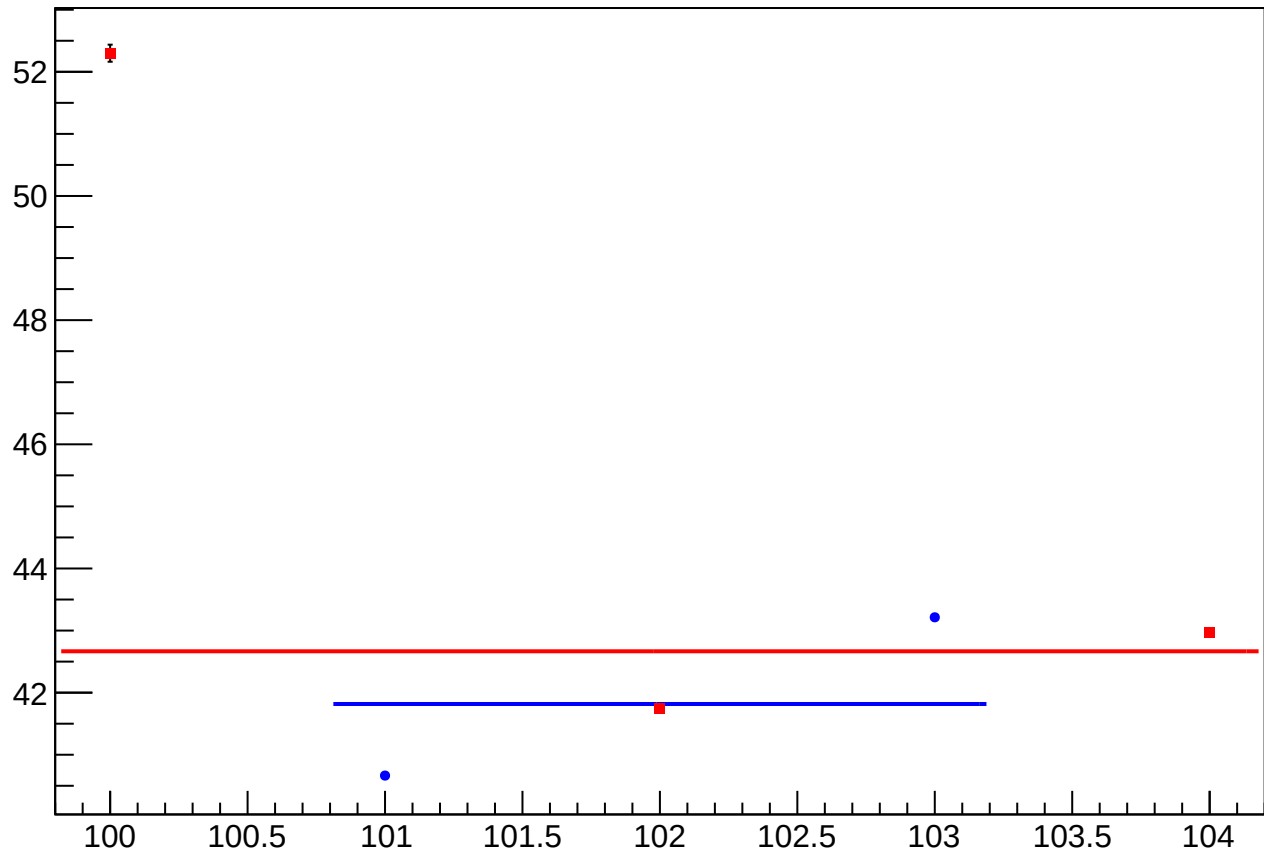
Right: 100.233+/-26.807 χ^2/NDF : 4.4/4

In: 93.506+/-37.388 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.233+/-26.807 χ^2/NDF : 4.4/4

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: 42.666+/-0.027 χ^2/NDF : 5588.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

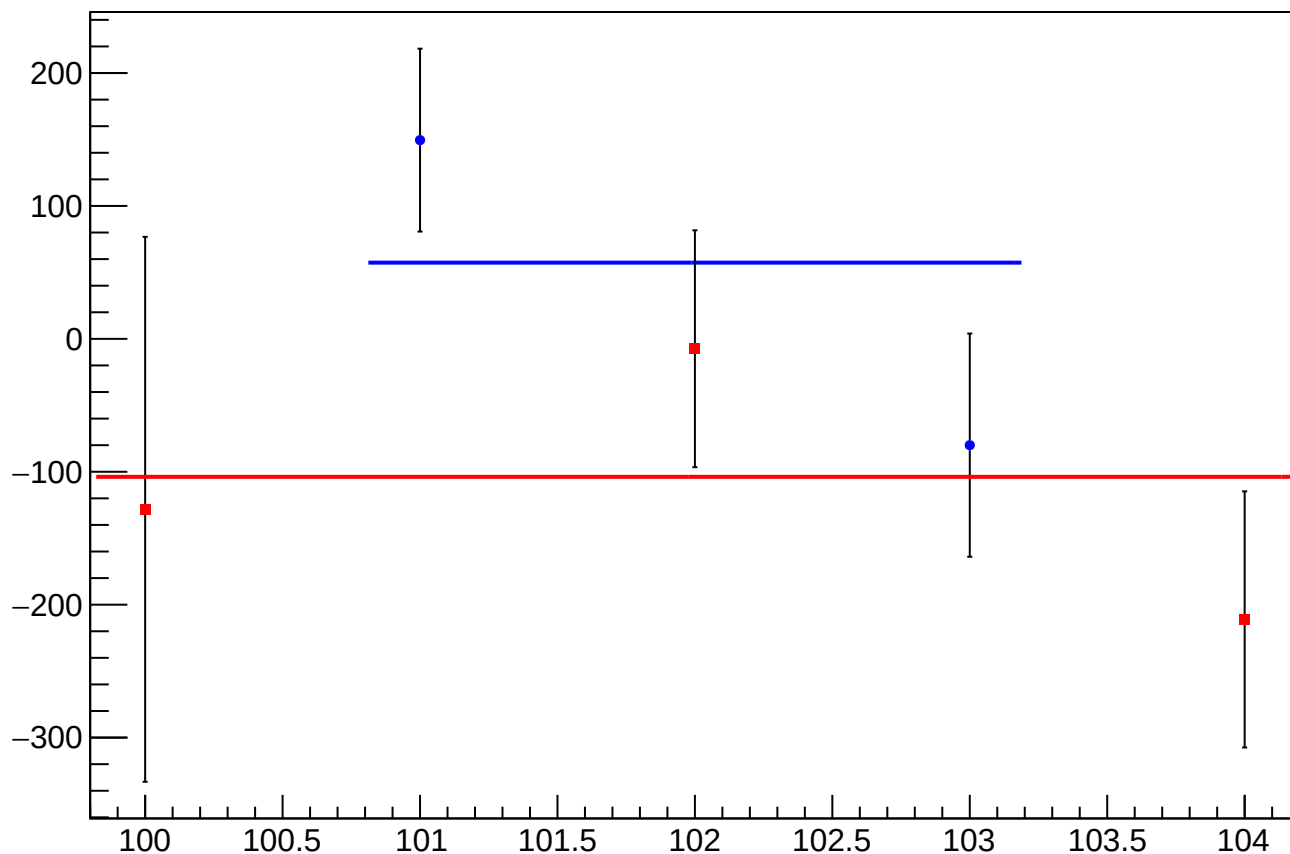
Right: 42.230+/-0.019 χ^2/NDF : 8392.5/4

In: 41.817+/-0.026 χ^2/NDF : 2303.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.230+/-0.019 χ^2/NDF : 8392.5/4

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: -103.805+/-62.321 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

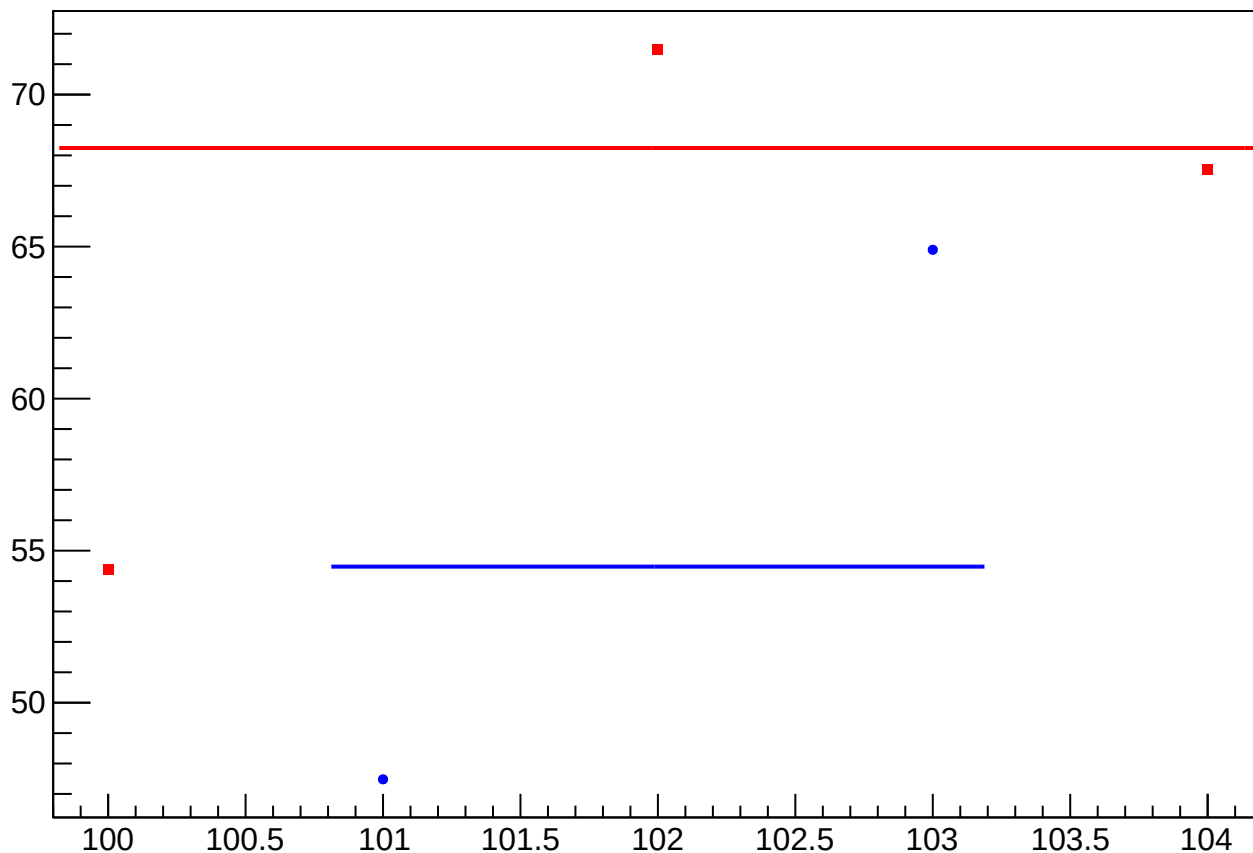
Right: -10.610+/-40.469 χ^2/NDF : 10.8/4

In: 57.344+/-53.216 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.610+/-40.469 χ^2/NDF : 10.8/4

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: 68.243+/-0.044 χ^2/NDF : 11911.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

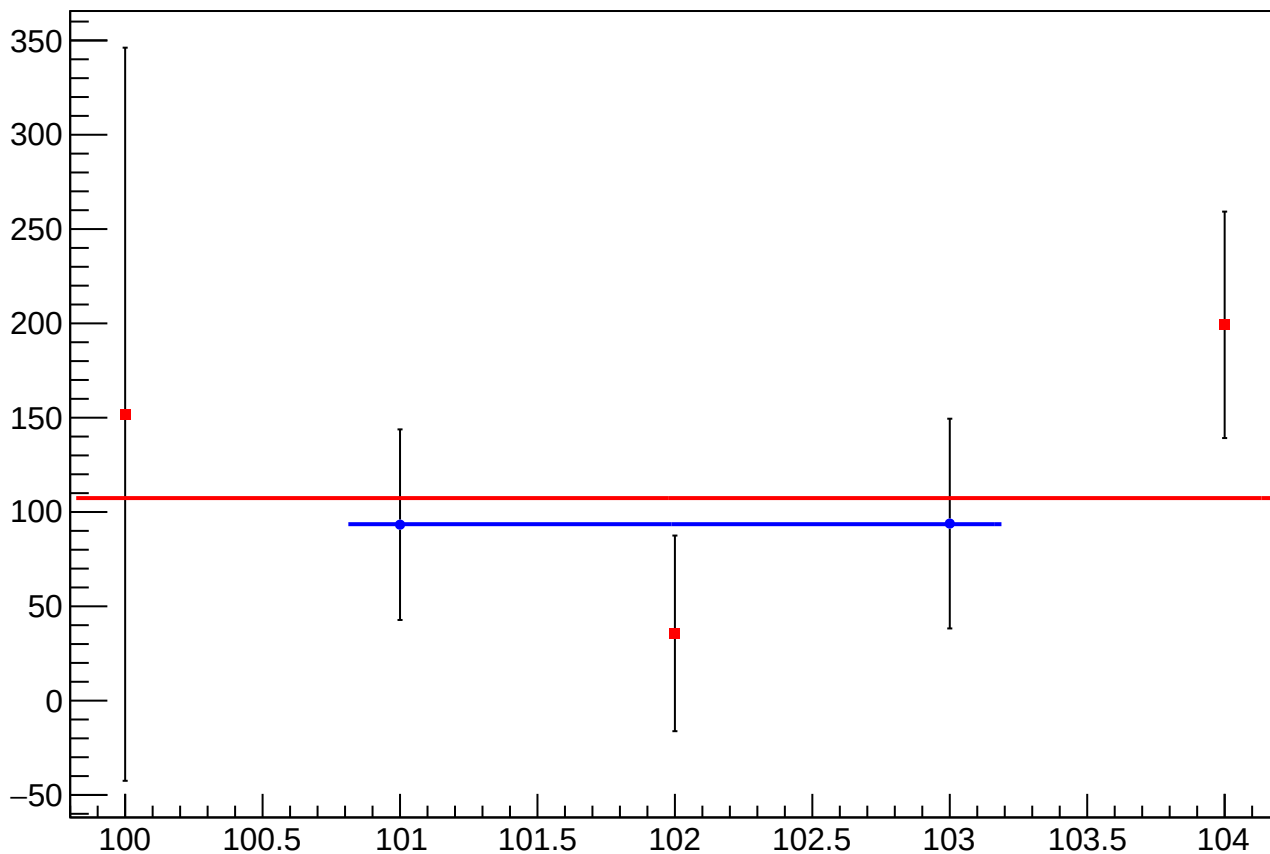
Right: 60.281+/-0.029 χ^2/NDF : 119839.1/4

In: 54.475+/-0.038 χ^2/NDF : 51476.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.281+/-0.029 χ^2/NDF : 119839.1/4

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546+/-37.388 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.380+/-38.464 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

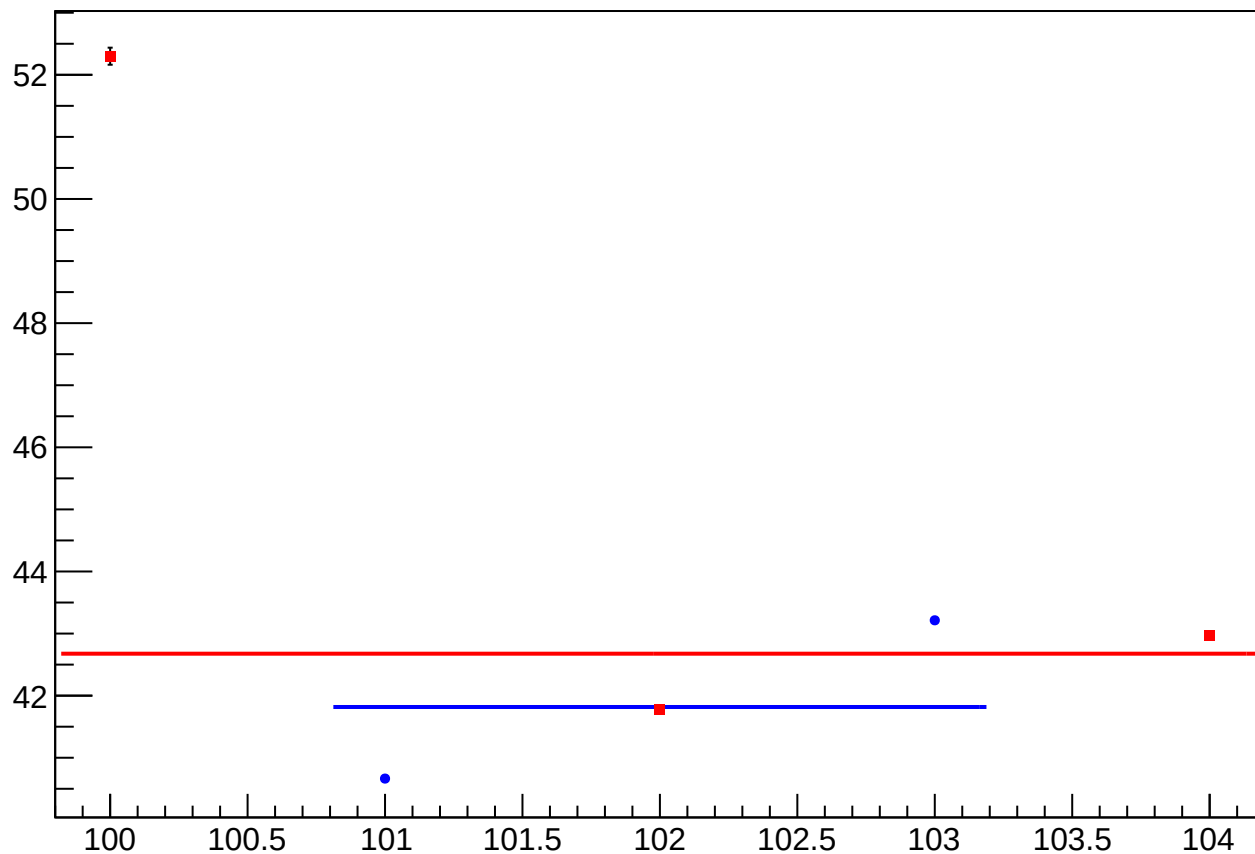
Right: 100.267+/-26.810 χ^2/NDF : 4.4/4

In: 93.546+/-37.388 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.267+/-26.810 χ^2/NDF : 4.4/4

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.676+/-0.027 χ^2/NDF : 5564.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

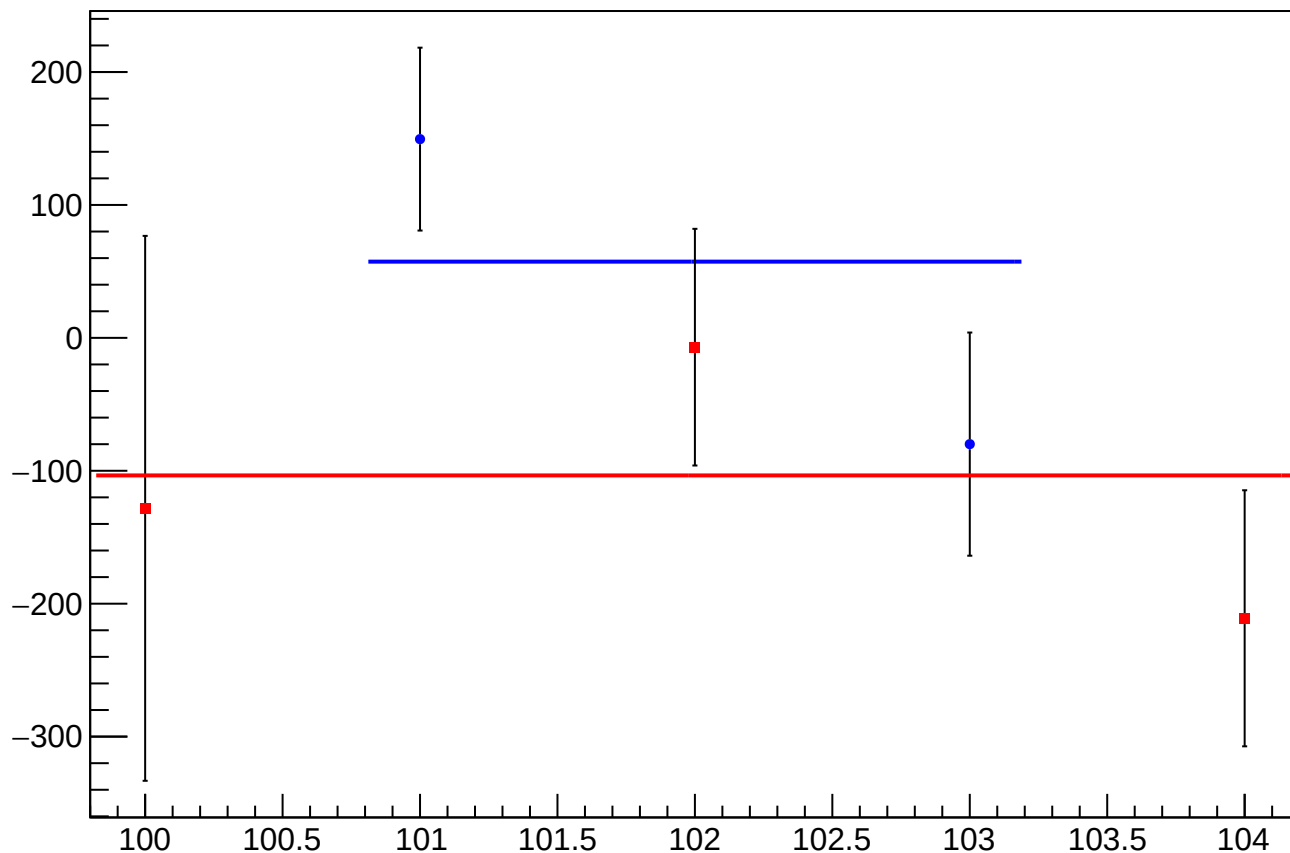
Right: 42.234+/-0.019 χ^2/NDF : 8380.9/4

In: 41.817+/-0.026 χ^2/NDF : 2303.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.234+/-0.019 χ^2/NDF : 8380.9/4

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: -103.493+/-62.290 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

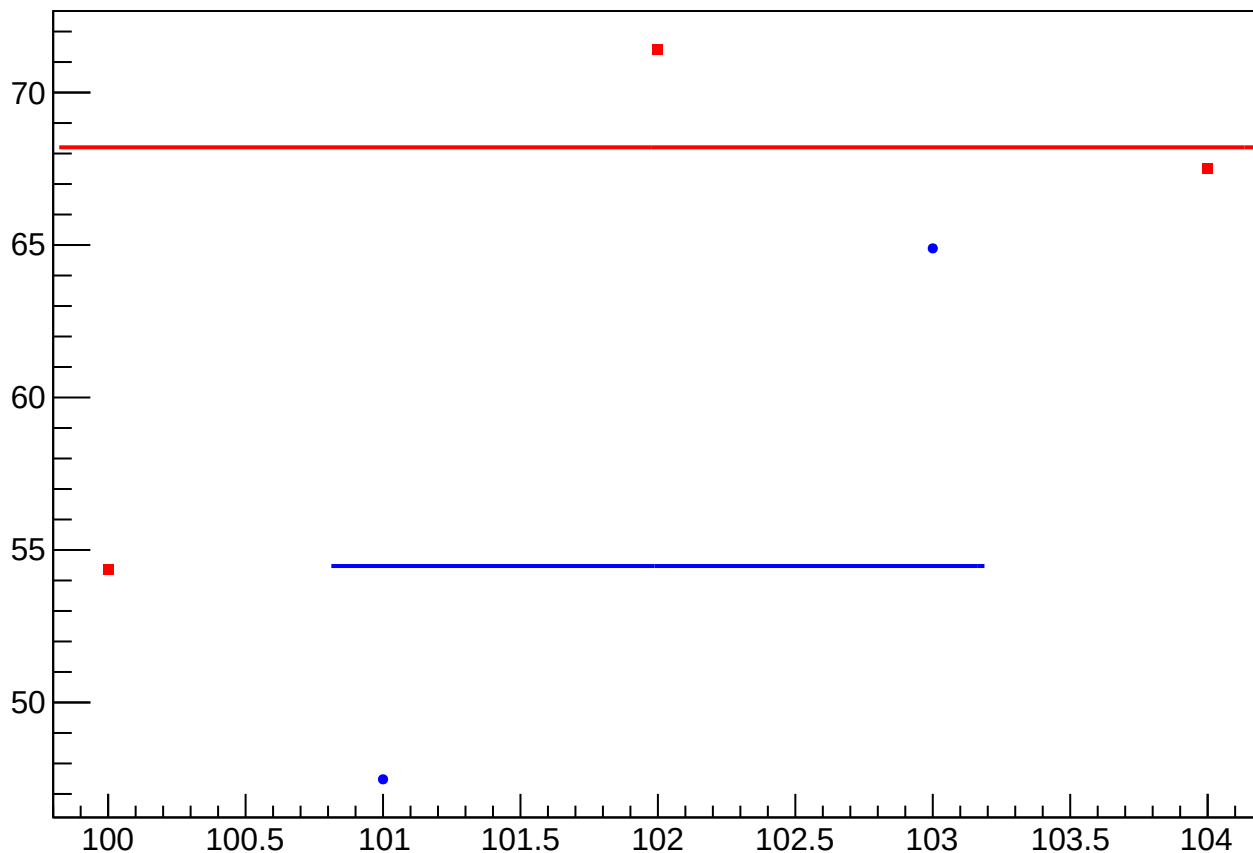
Right: -10.513+/-40.460 χ^2/NDF : 10.8/4

In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.513+/-40.460 χ^2/NDF : 10.8/4

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: 68.203+/-0.044 χ^2/NDF : 11805.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

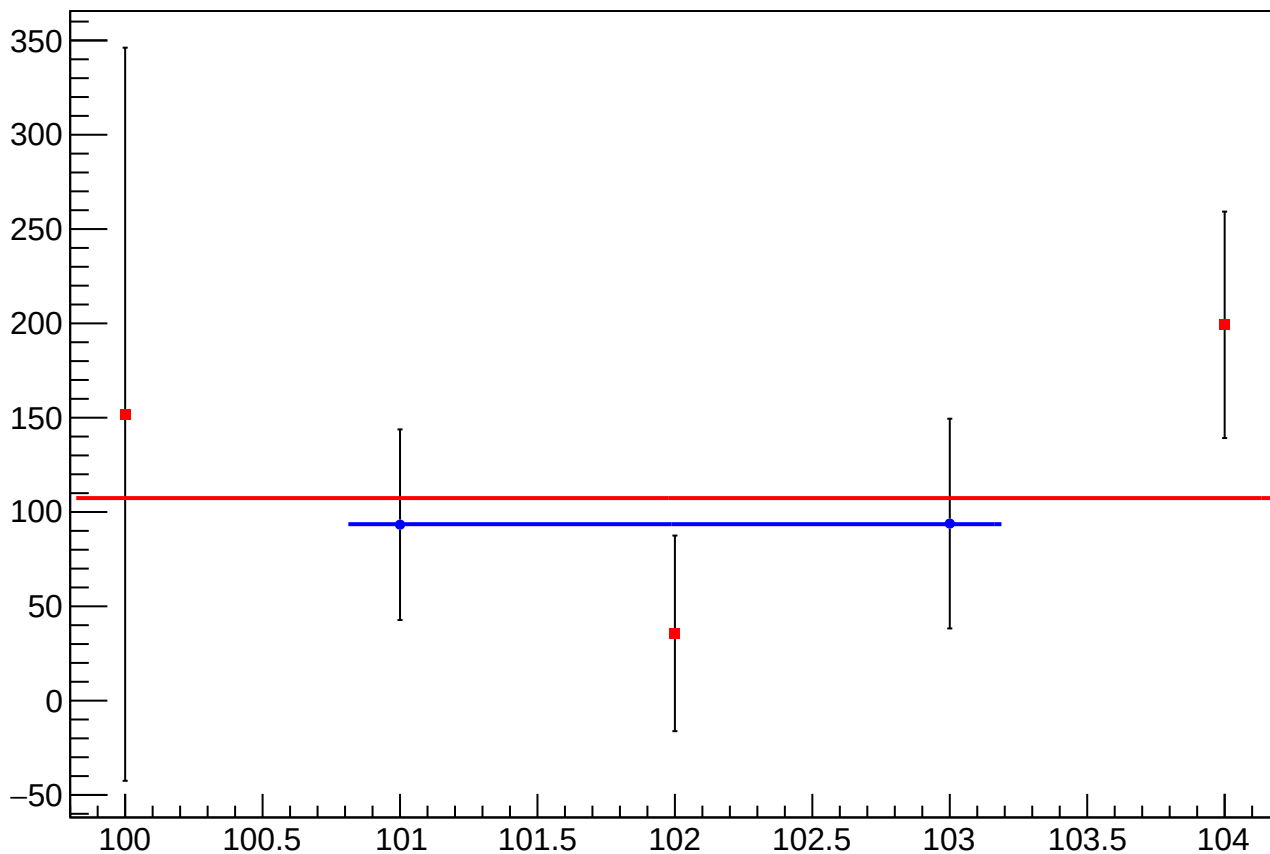
Right: 60.267+/-0.029 χ^2/NDF : 119424.7/4

In: 54.474+/-0.038 χ^2/NDF : 51449.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.267+/-0.029 χ^2/NDF : 119424.7/4

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 93.546+/-37.388 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.380+/-38.464 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

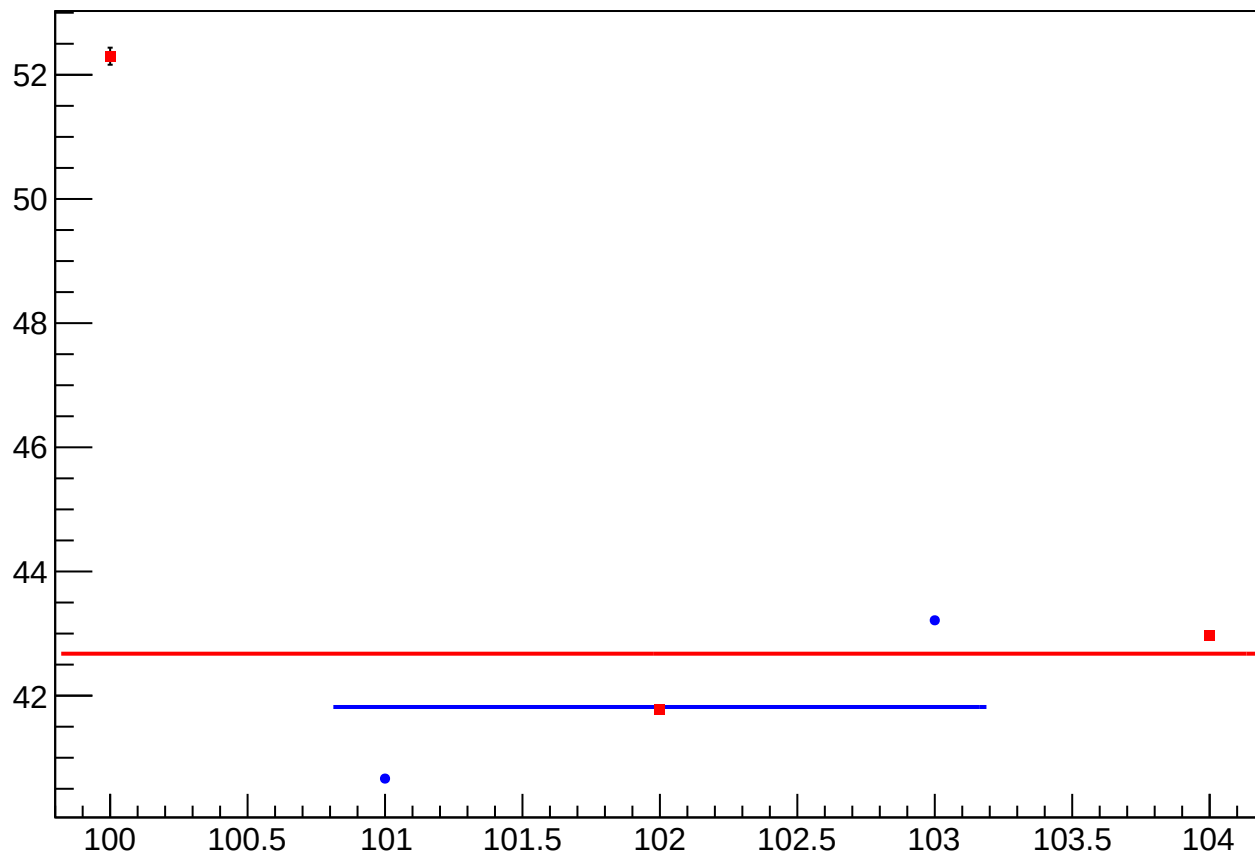
Right: 100.267+/-26.810 χ^2/NDF : 4.4/4

In: 93.546+/-37.388 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.267+/-26.810 χ^2/NDF : 4.4/4

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: 42.676 $\pm$ 0.027 χ^2 /NDF: 5564.8/2

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

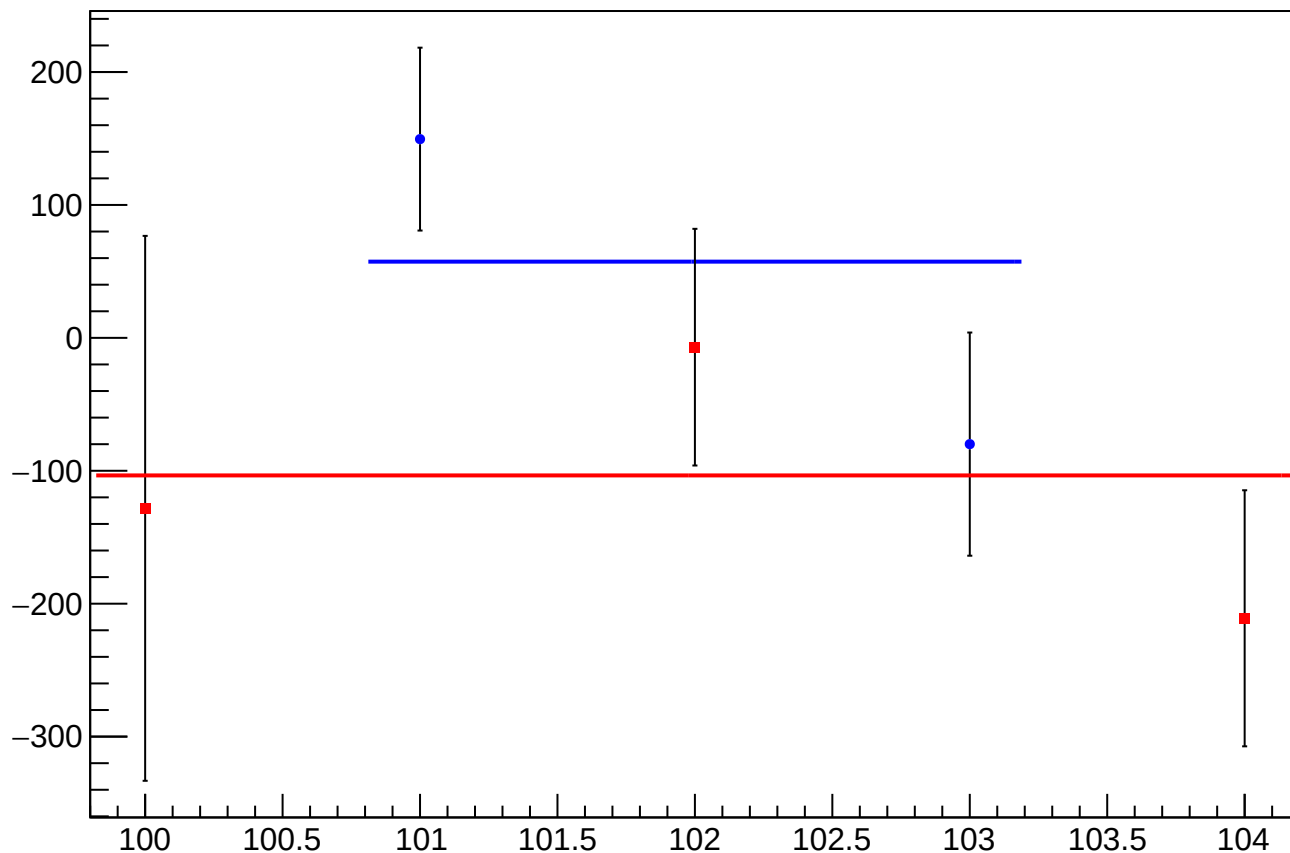
Right: 42.234 $\pm$ 0.019 χ^2 /NDF: 8380.9/4

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: 42.234 $\pm$ 0.019 χ^2 /NDF: 8380.9/4

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: -103.493+/-62.290 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

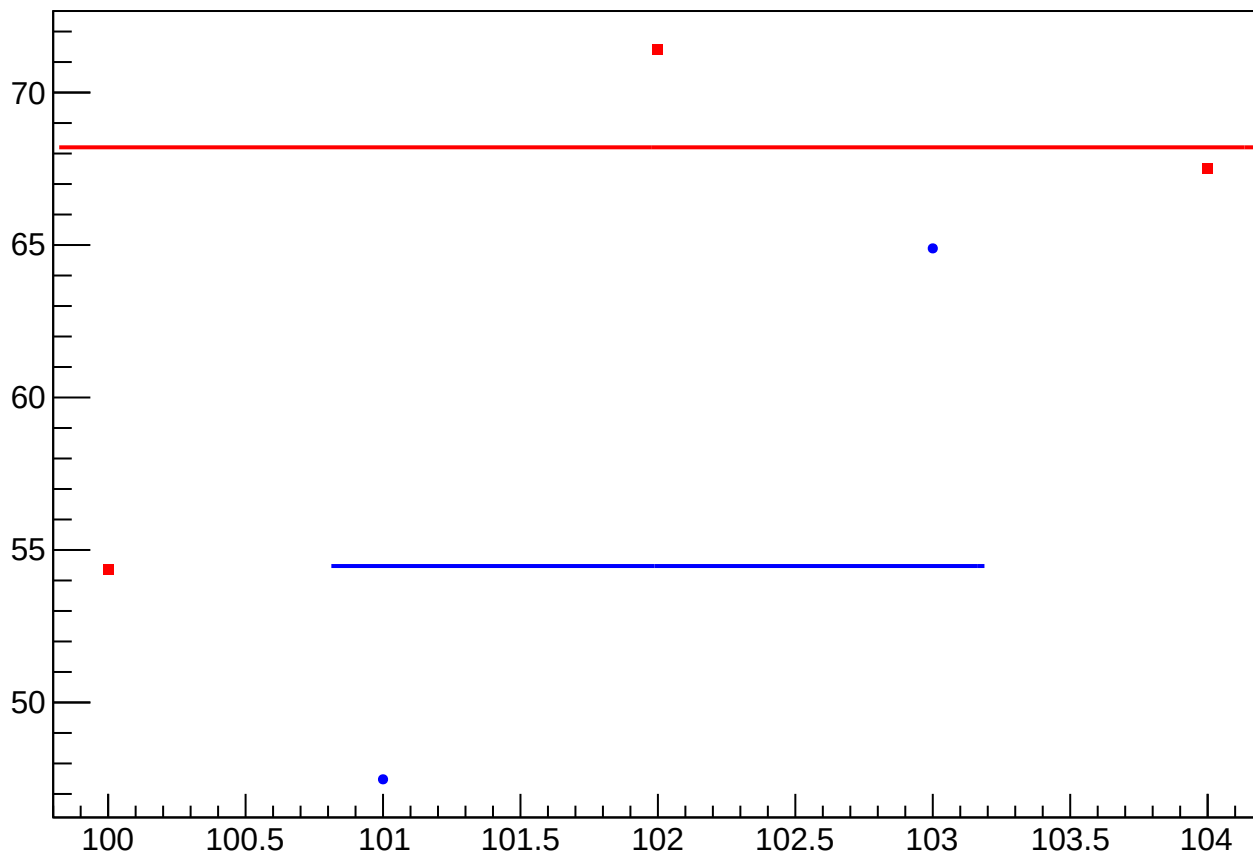
Right: -10.513+/-40.460 χ^2/NDF : 10.8/4

In: 57.347+/-53.214 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.513+/-40.460 χ^2/NDF : 10.8/4

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 54.474 ± 0.038 $\chi^2/\text{NDF}: 51449.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 68.203 ± 0.044 $\chi^2/\text{NDF}: 11805.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

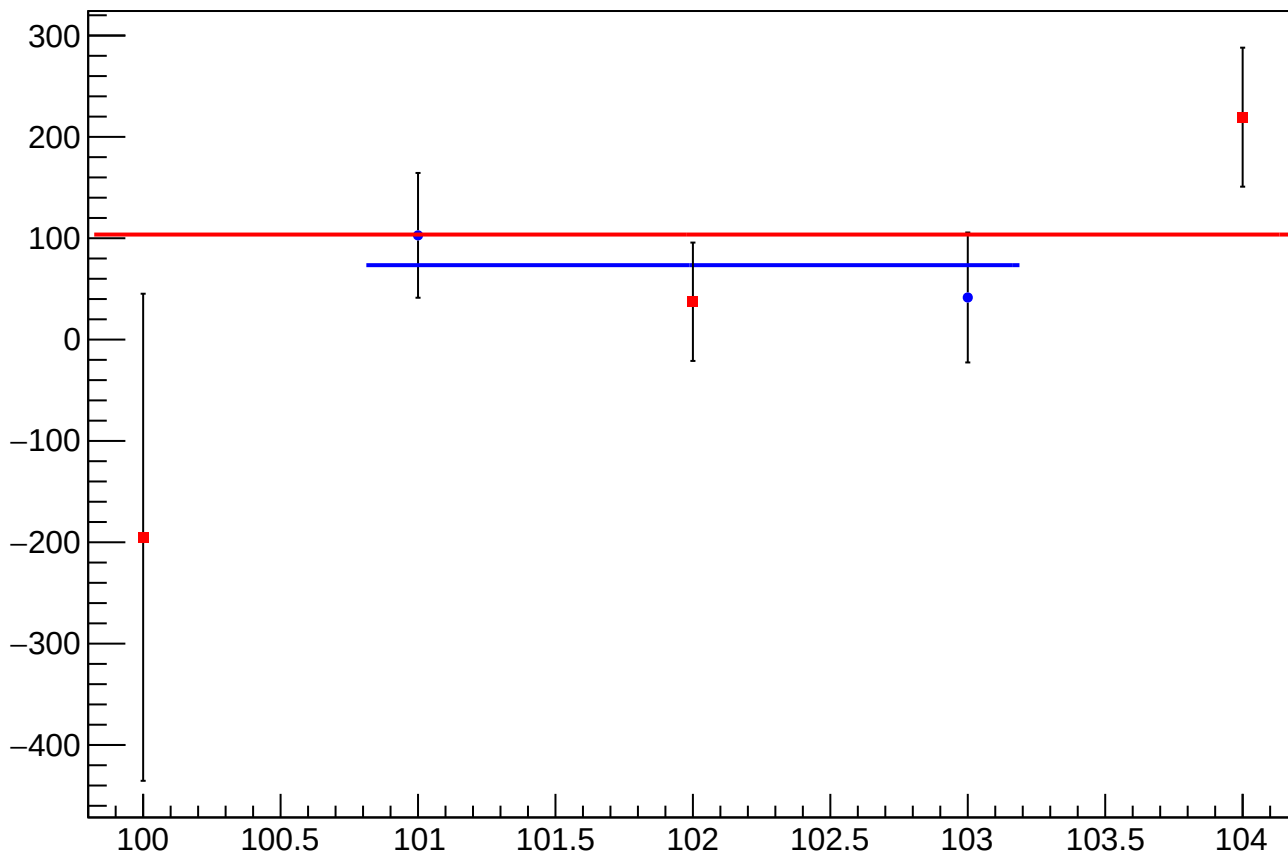
Right: 60.267 ± 0.029 $\chi^2/\text{NDF}: 119424.7/4$

In: 54.474 ± 0.038 $\chi^2/\text{NDF}: 51449.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 60.267 ± 0.029 $\chi^2/\text{NDF}: 119424.7/4$

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430+/-44.401 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.638+/-43.713 χ^2/NDF : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

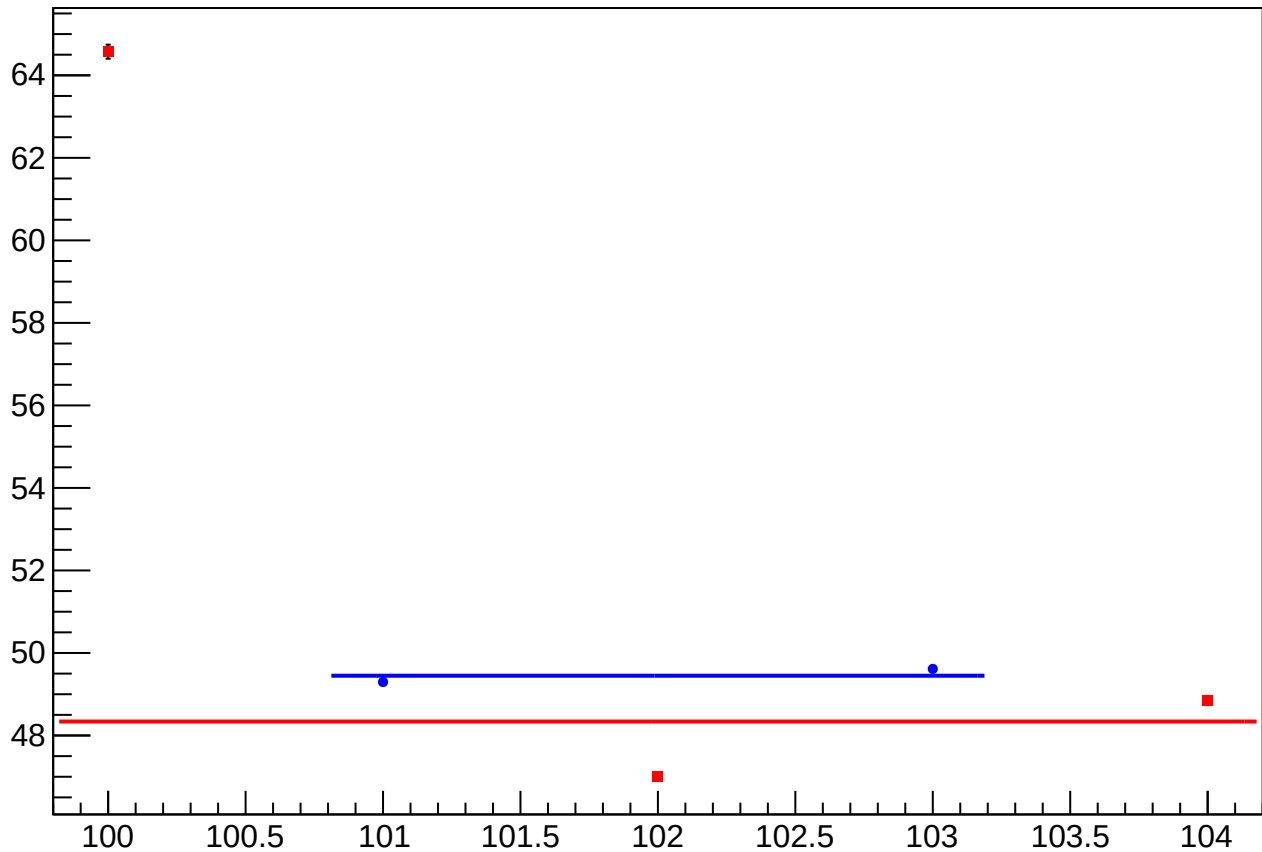
Right: 88.770+/-31.150 χ^2/NDF : 6.4/4

In: 73.430+/-44.401 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.770+/-31.150 χ^2/NDF : 6.4/4

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: 48.338 $\pm$ 0.031 χ^2 /NDF: 10262.9/2

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

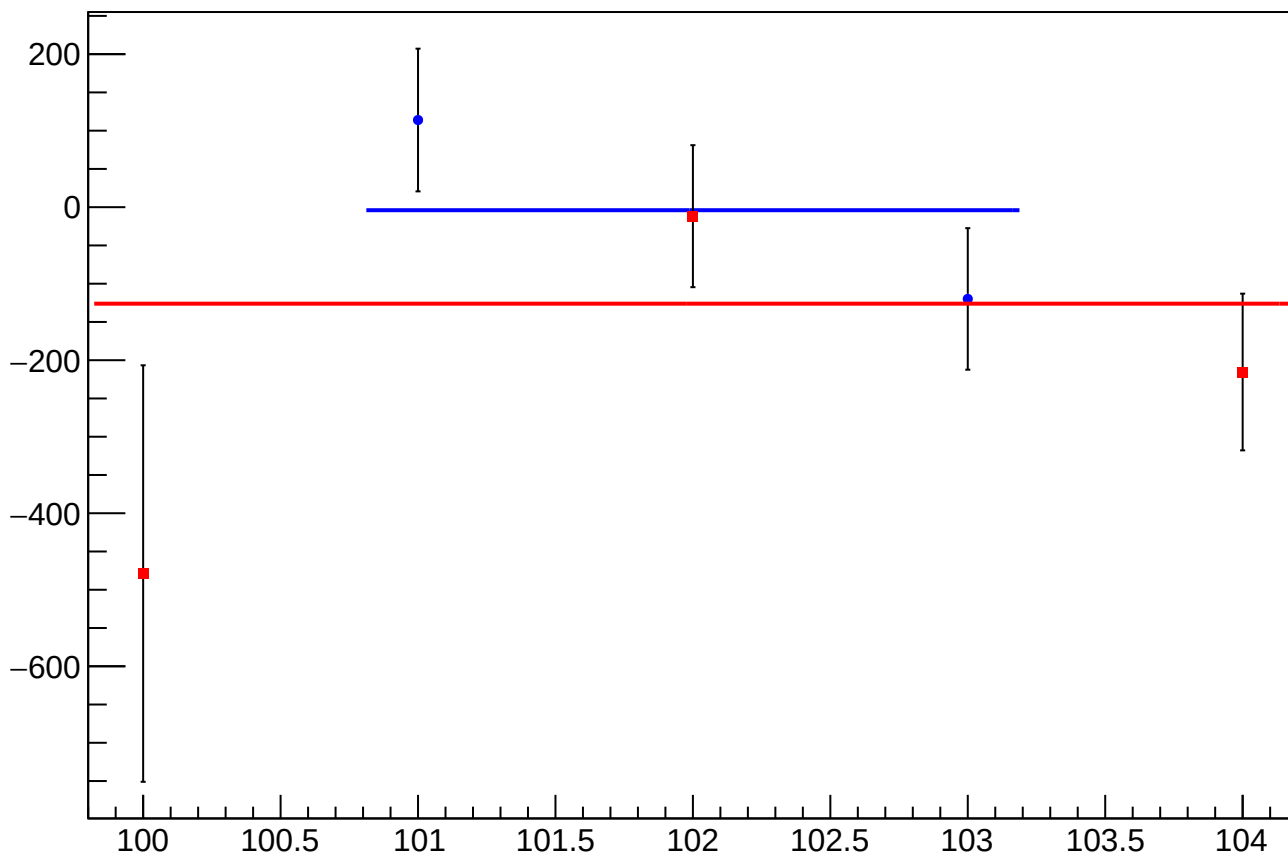
Right: 48.885 $\pm$ 0.022 χ^2 /NDF: 10923.7/4

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: 48.885 $\pm$ 0.022 χ^2 /NDF: 10923.7/4

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: -126.106+/-66.671 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

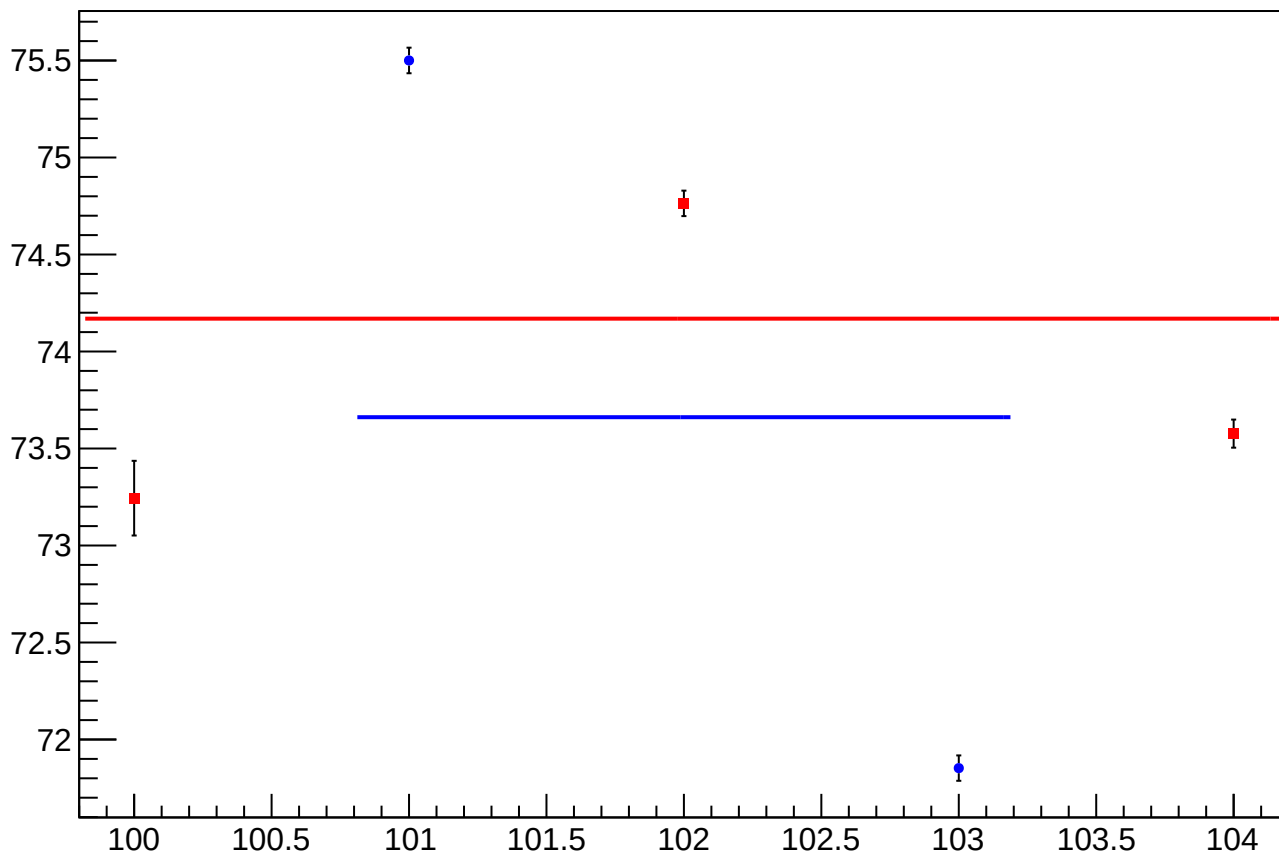
Right: -64.108+/-46.785 χ^2/NDF : 8.8/4

In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.108+/-46.785 χ^2/NDF : 8.8/4

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 73.661 $\pm$ 0.046 χ^2 /NDF: 1542.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.169 $\pm$ 0.047 χ^2 /NDF: 172.1/2

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

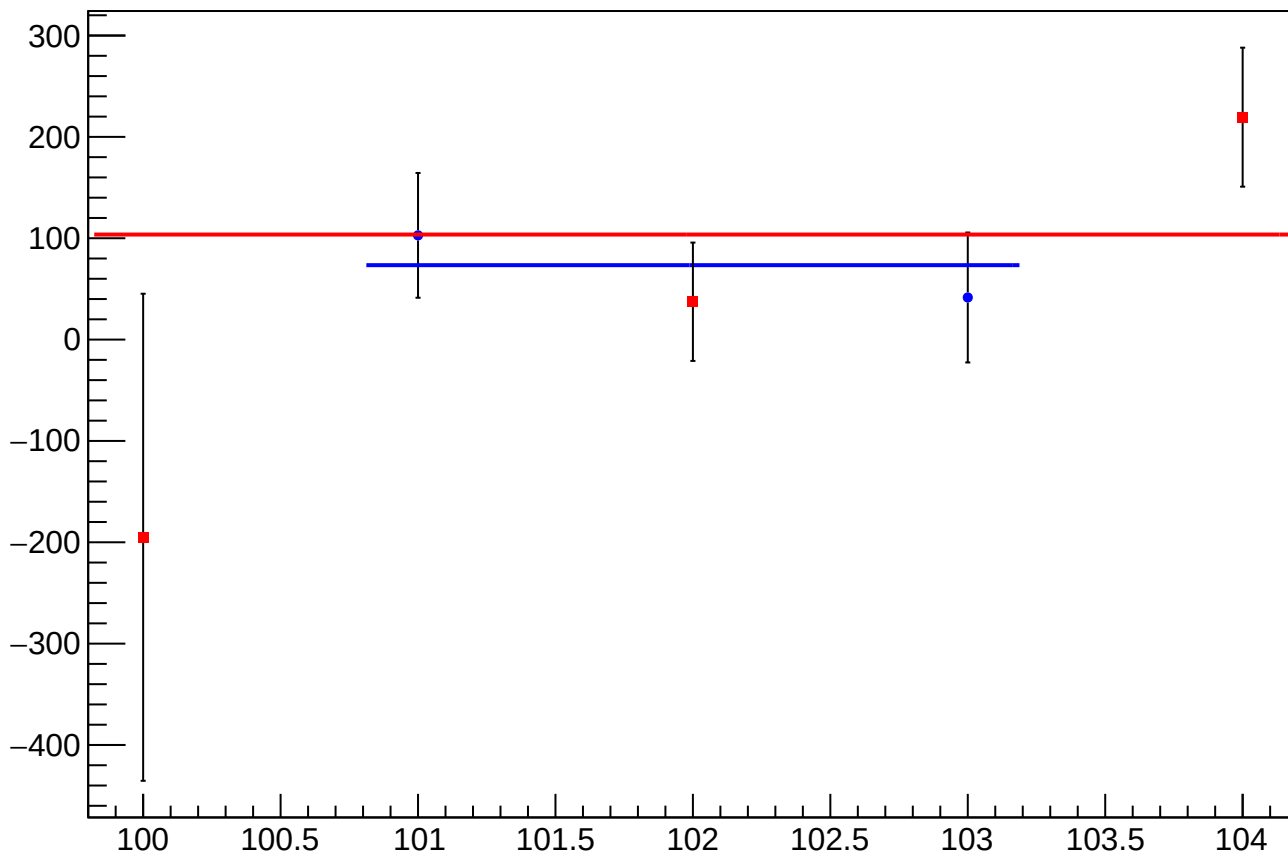
Right: 73.912 $\pm$ 0.033 χ^2 /NDF: 1773.6/4

In: 73.661 $\pm$ 0.046 χ^2 /NDF: 1542.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.912 $\pm$ 0.033 χ^2 /NDF: 1773.6/4

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 73.430+/-44.401 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.638+/-43.713 χ^2/NDF : 5.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

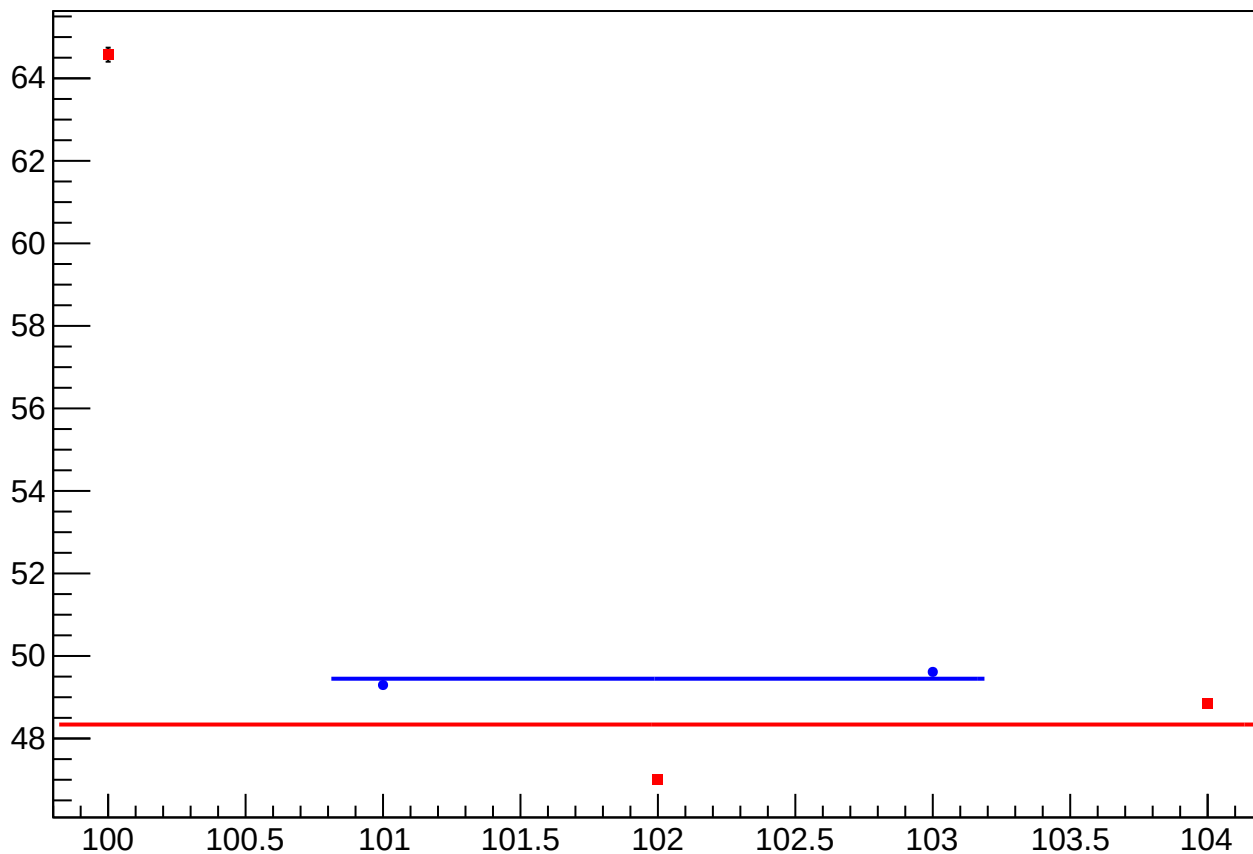
Right: 88.770+/-31.150 χ^2/NDF : 6.4/4

In: 73.430+/-44.401 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.770+/-31.150 χ^2/NDF : 6.4/4

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: 48.338 $\pm$ 0.031 χ^2 /NDF: 10263.0/2

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

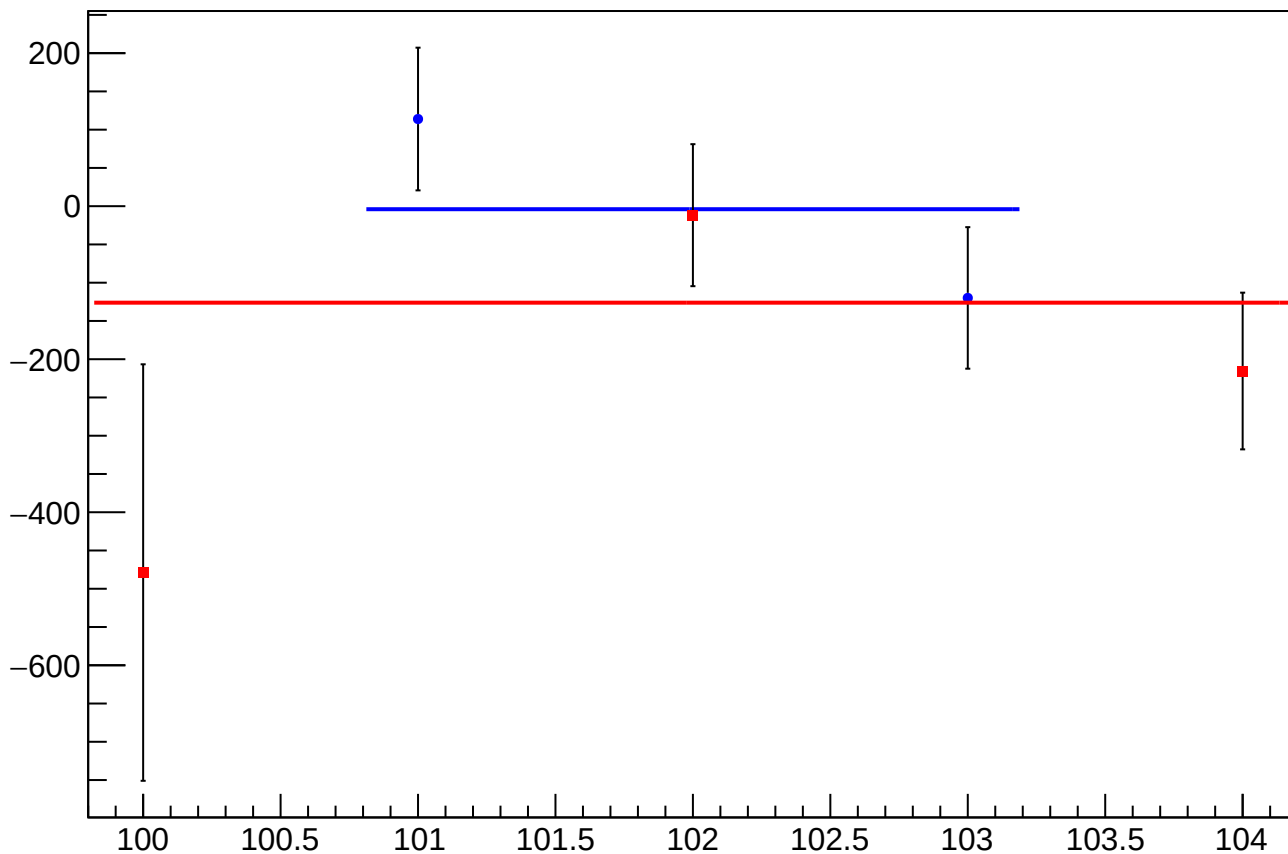
Right: 48.885 $\pm$ 0.022 χ^2 /NDF: 10923.6/4

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: 48.885 $\pm$ 0.022 χ^2 /NDF: 10923.6/4

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: -126.105+/-66.670 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

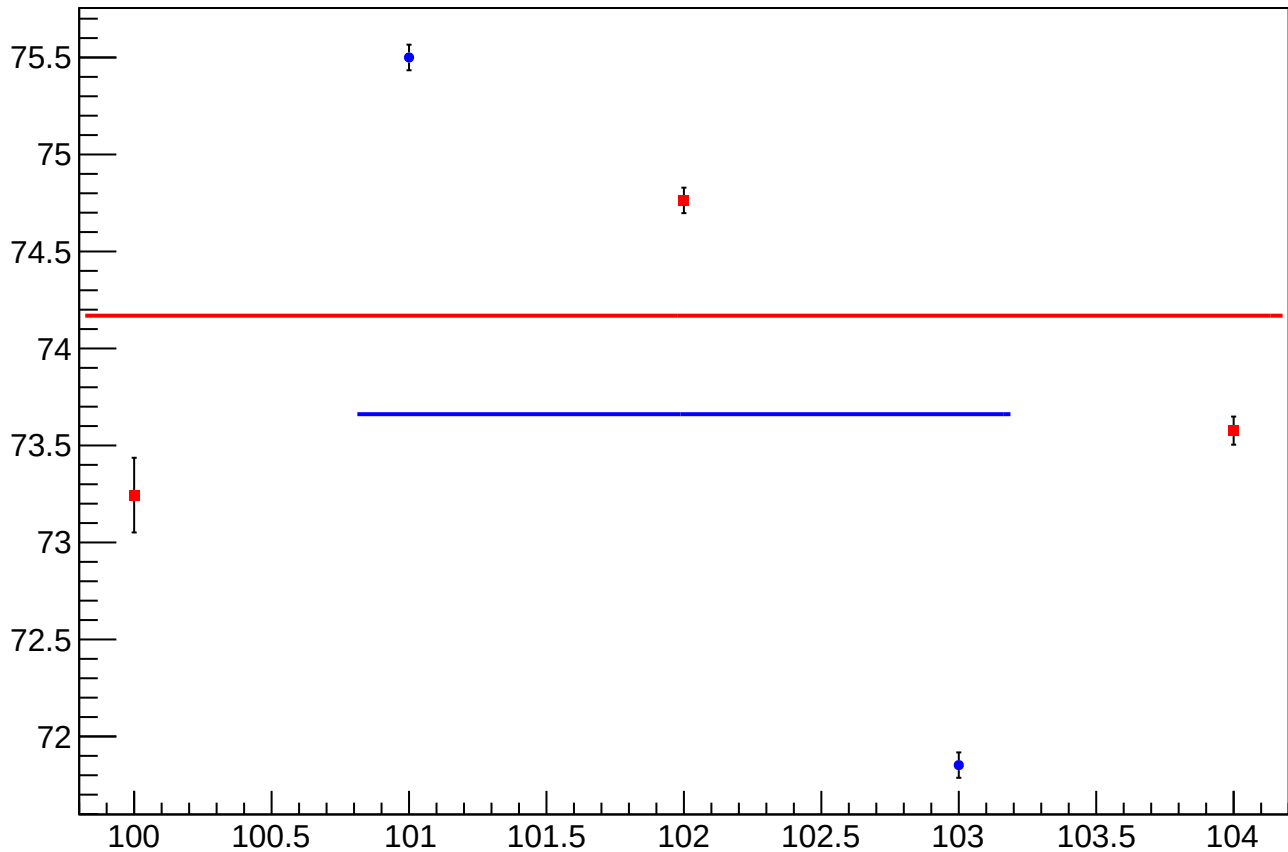
Right: -64.108+/-46.785 χ^2/NDF : 8.8/4

In: -3.957+/-65.670 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.108+/-46.785 χ^2/NDF : 8.8/4

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: 74.169+/-0.047 χ^2/NDF : 172.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

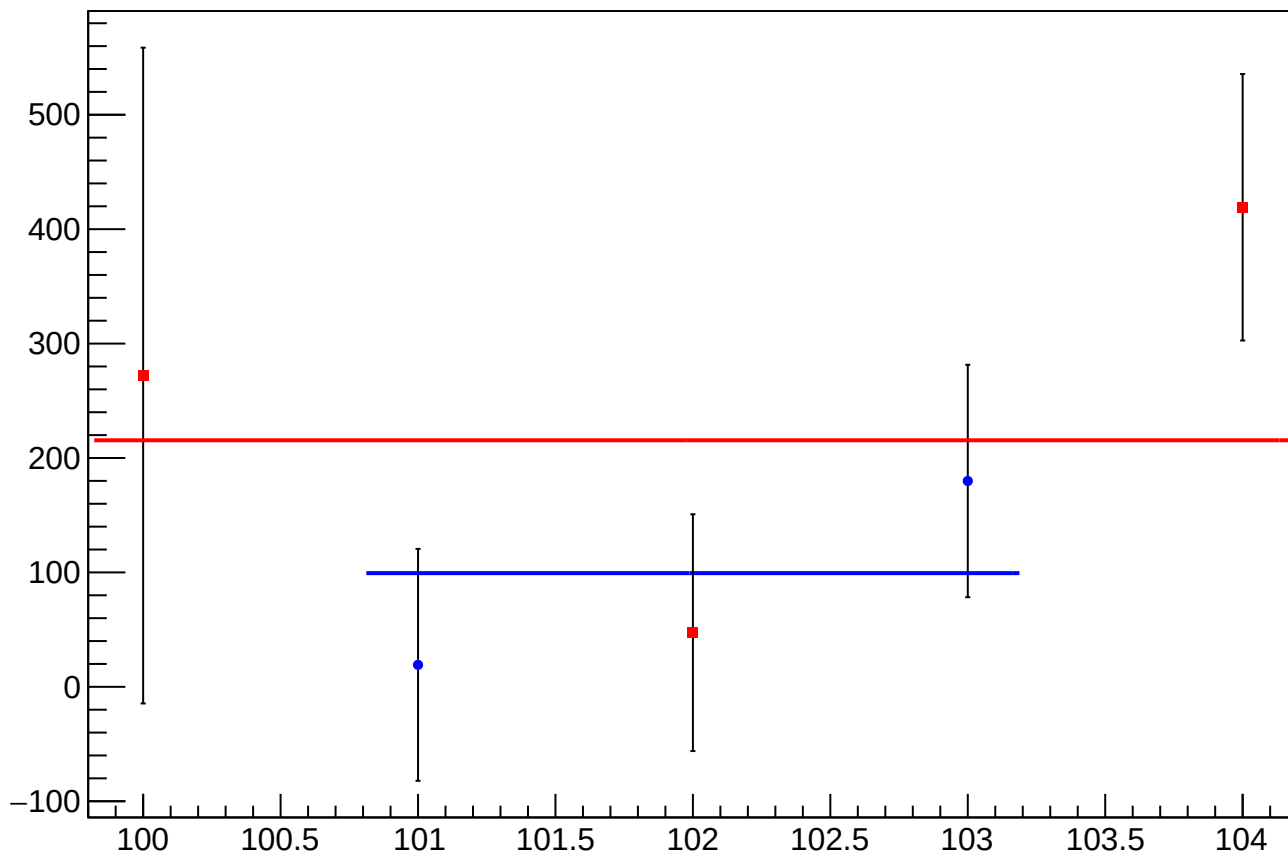
Right: 73.911+/-0.033 χ^2/NDF : 1773.7/4

In: 73.661+/-0.046 χ^2/NDF : 1542.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.911+/-0.033 χ^2/NDF : 1773.7/4

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: 215.476 $\pm$ 74.684 χ^2 /NDF: 5.7/2

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

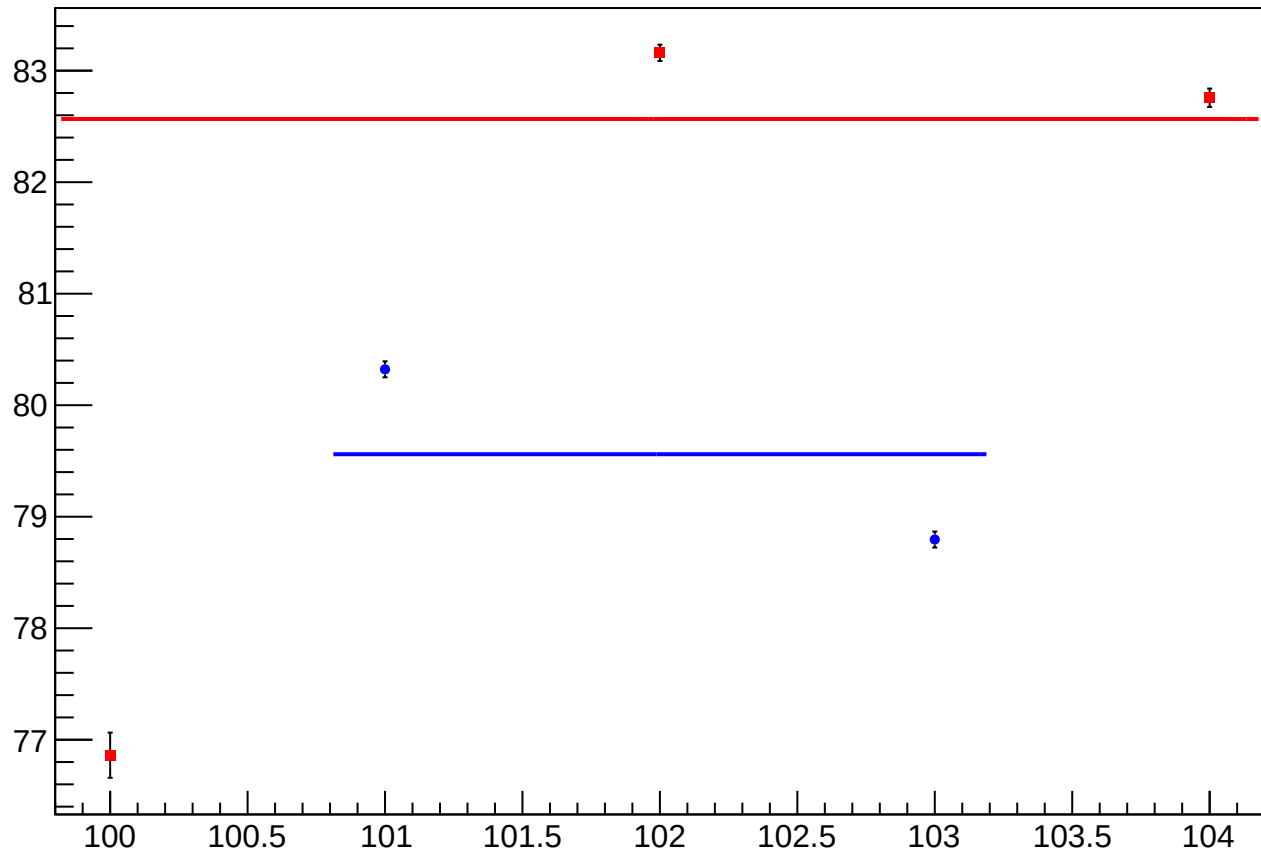
Right: 155.088 $\pm$ -51.739 χ^2 /NDF: 8.2/4

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: 155.088 $\pm$ -51.739 χ^2 /NDF: 8.2/4

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: 82.567 $\pm$ 0.053 χ^2 /NDF: 863.8/2

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

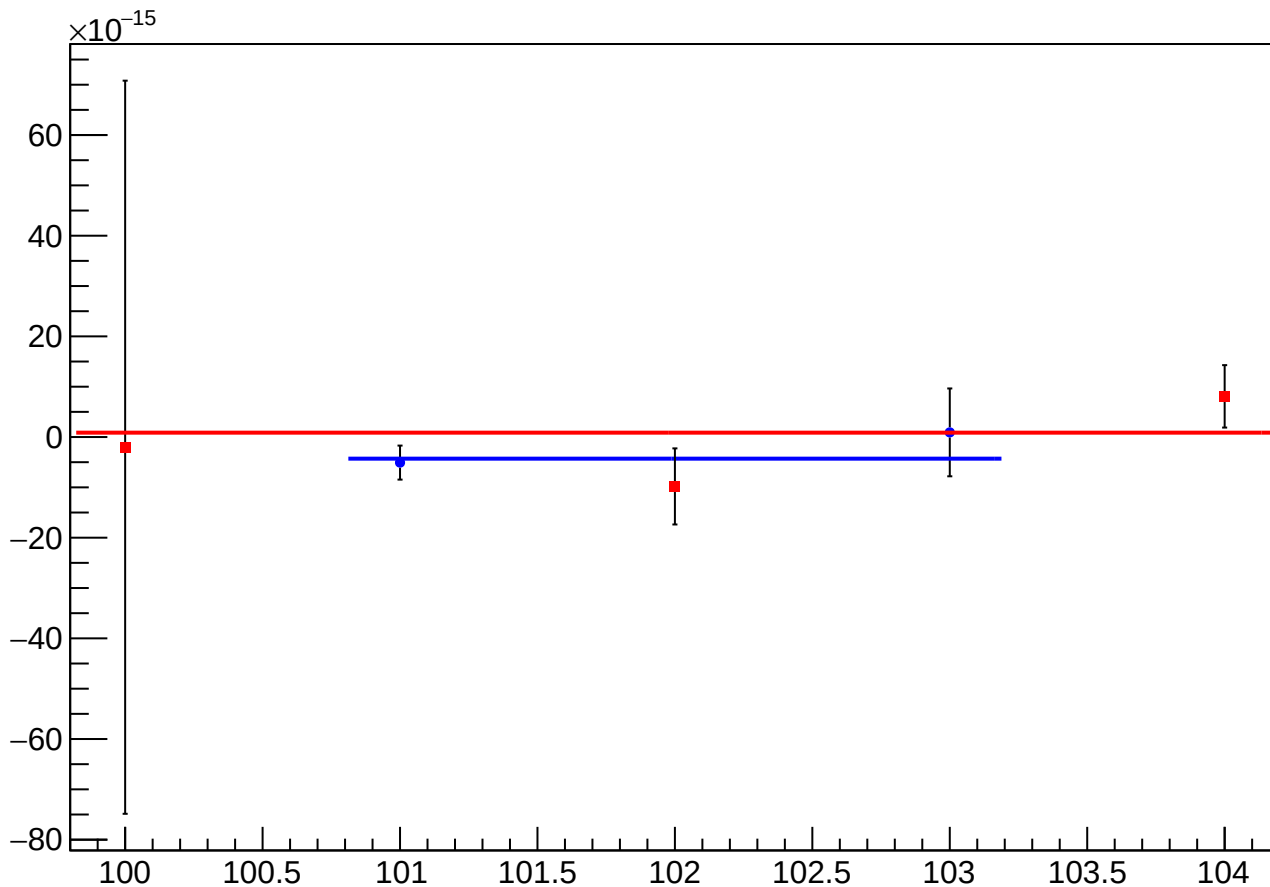
Right: 81.003 $\pm$ 0.037 χ^2 /NDF: 2775.5/4

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: 81.003 $\pm$ 0.037 χ^2 /NDF: 2775.5/4

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 : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

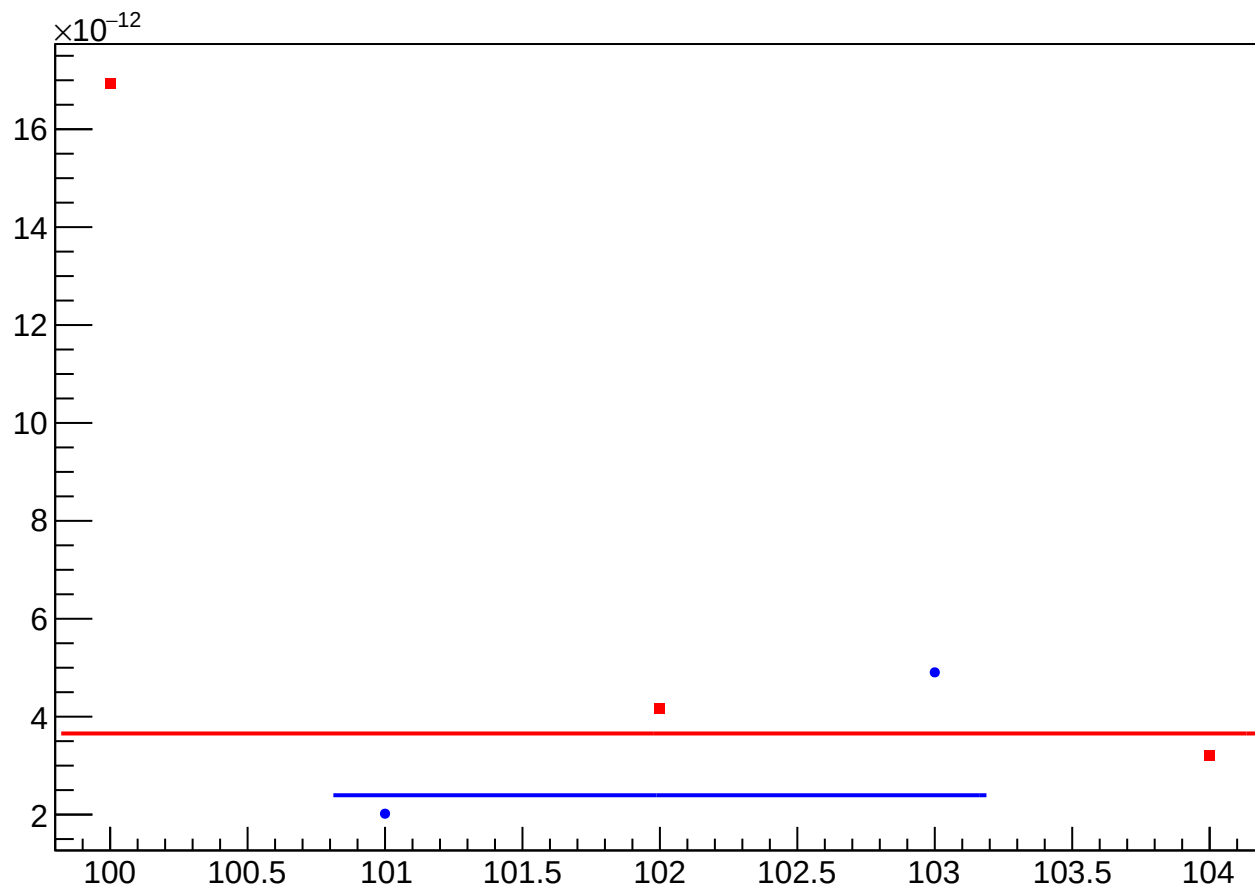
Right: -0.000+/-0.000 χ^2/NDF : 4.6/4

In: -0.000+/-0.000 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.6/4

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 : 86031.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

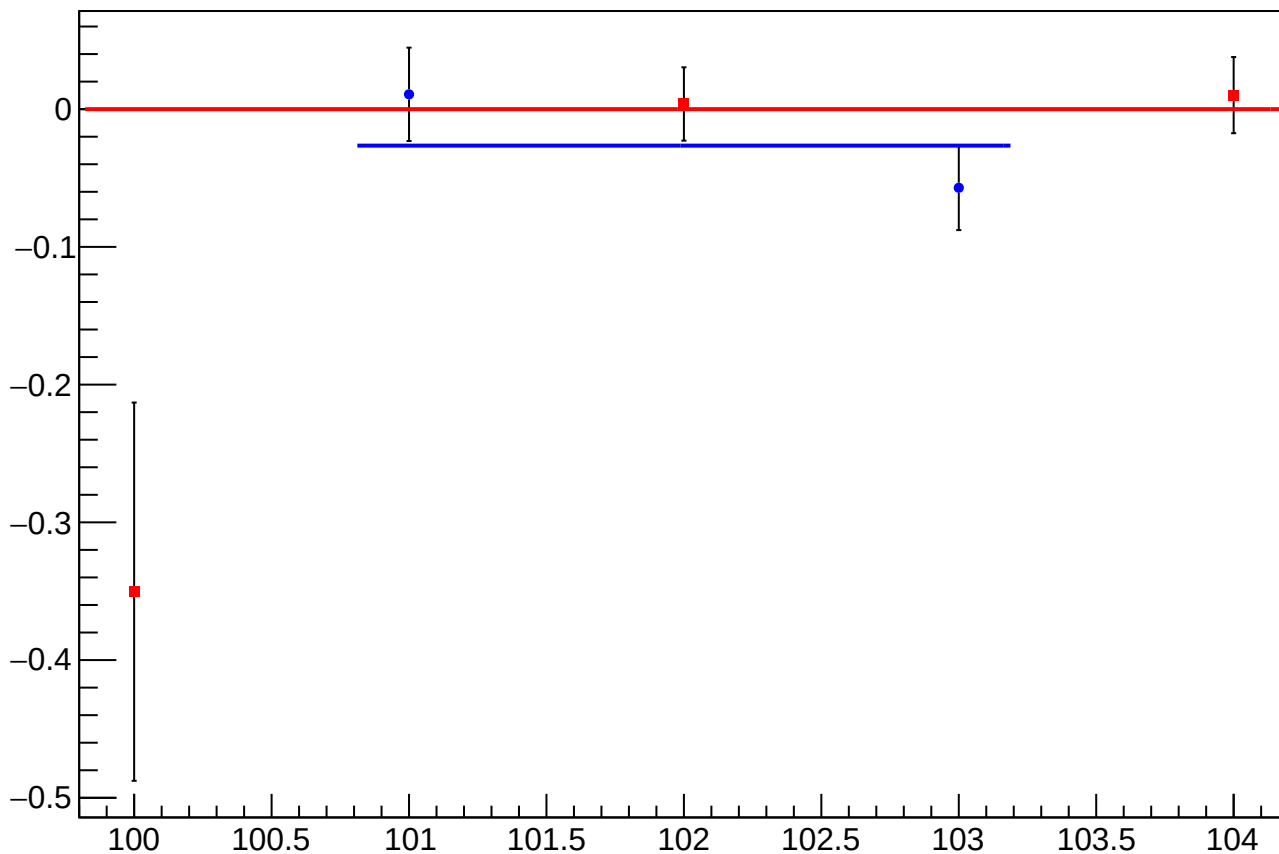
Right: 0.000+/-0.000 χ^2/NDF : 373361.9/4

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 : 373361.9/4

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: 0.000 $\pm$ 0.019 χ^2 /NDF: 6.7/2

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

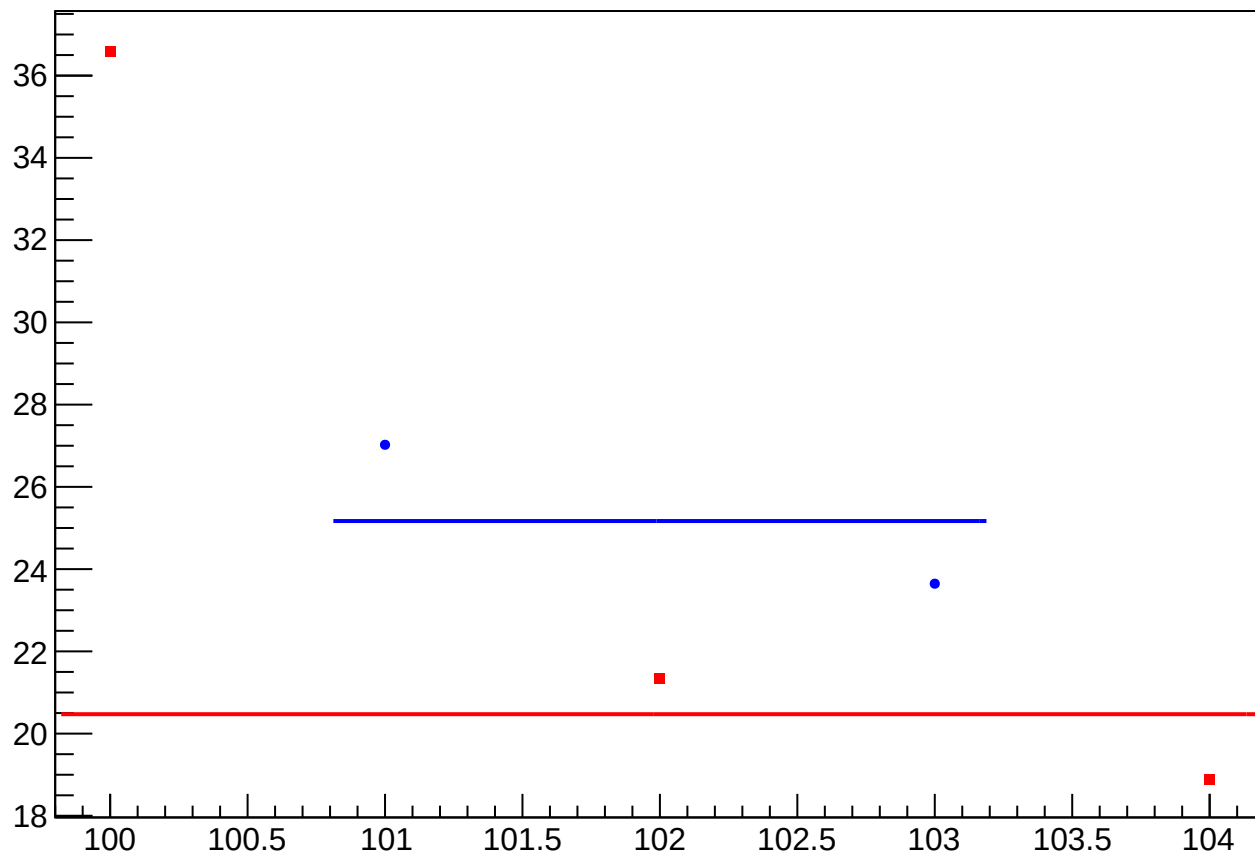
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: 20.472+/-0.013 χ^2/NDF : 36403.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

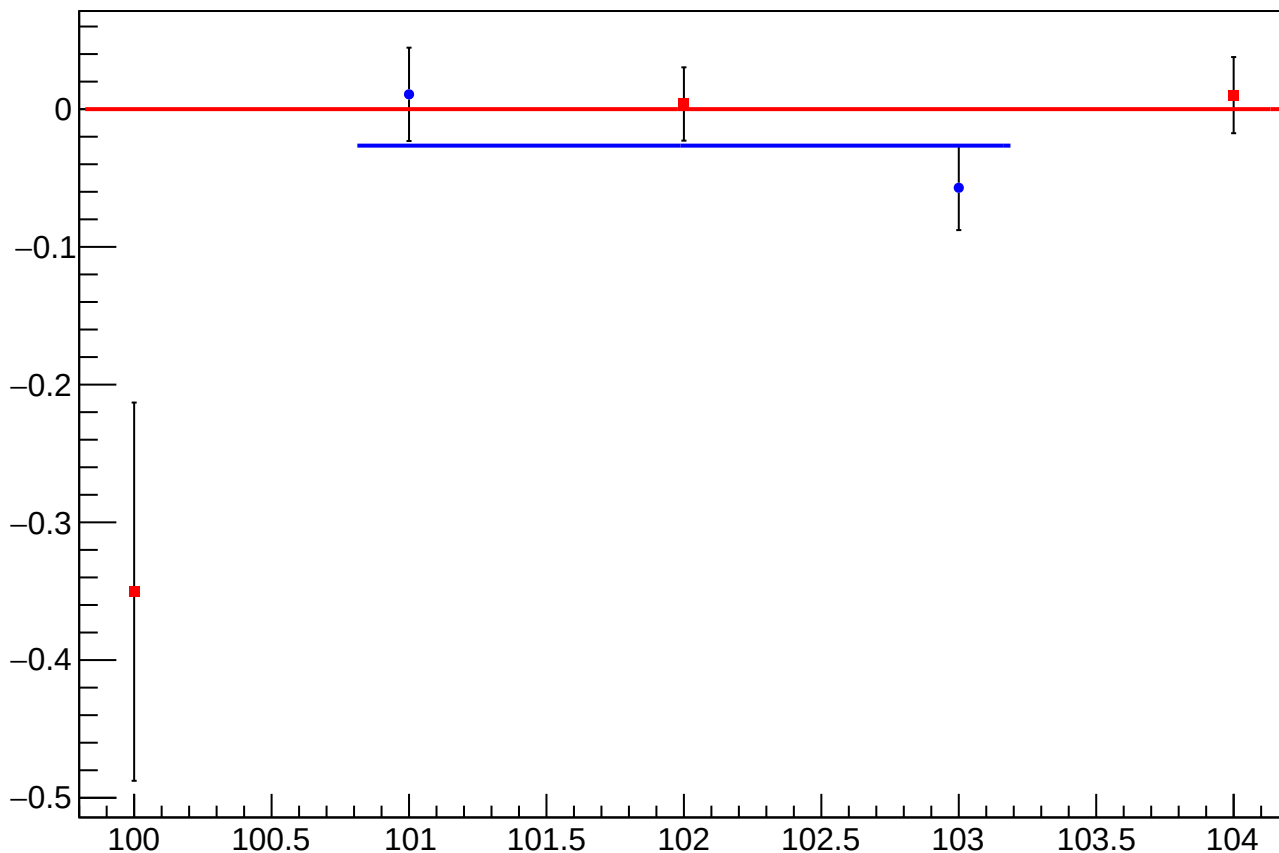
Right: 22.401+/-0.010 χ^2/NDF : 97549.9/4

In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.401+/-0.010 χ^2/NDF : 97549.9/4

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: 0.000 $\pm$ 0.019 χ^2 /NDF: 6.7/2

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

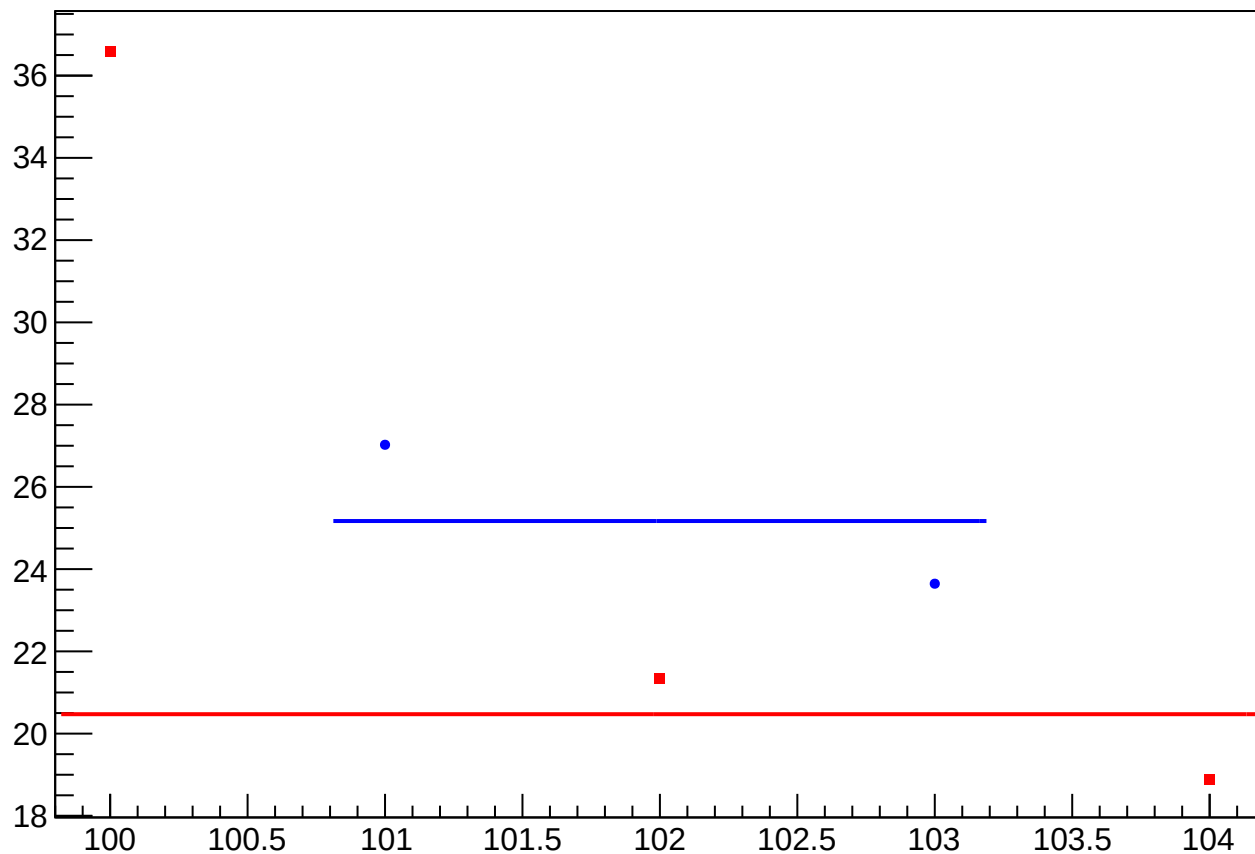
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: 20.472+/-0.013 χ^2/NDF : 36403.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

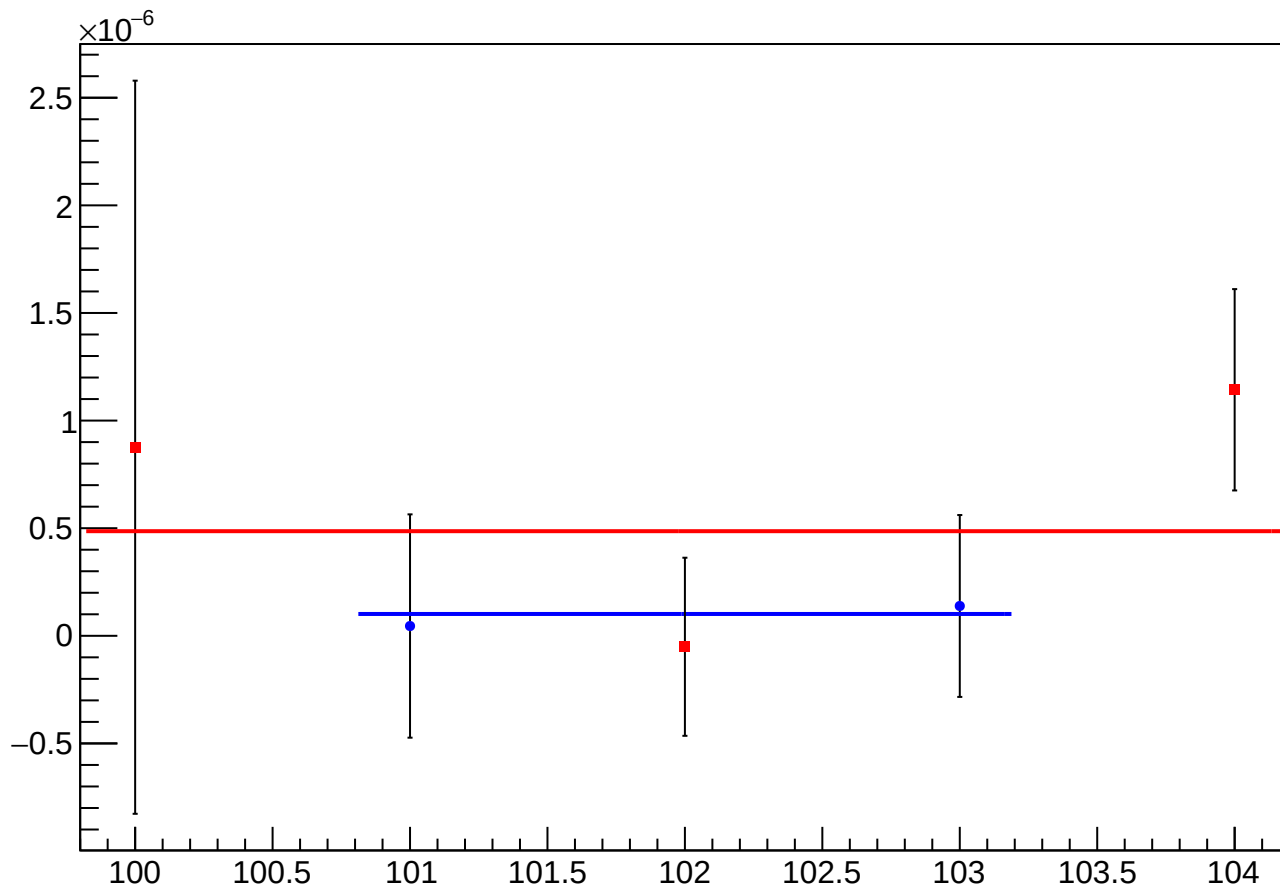
Right: 22.401+/-0.010 χ^2/NDF : 97549.9/4

In: 25.169+/-0.016 χ^2/NDF : 10914.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.401+/-0.010 χ^2/NDF : 97549.9/4

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 : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

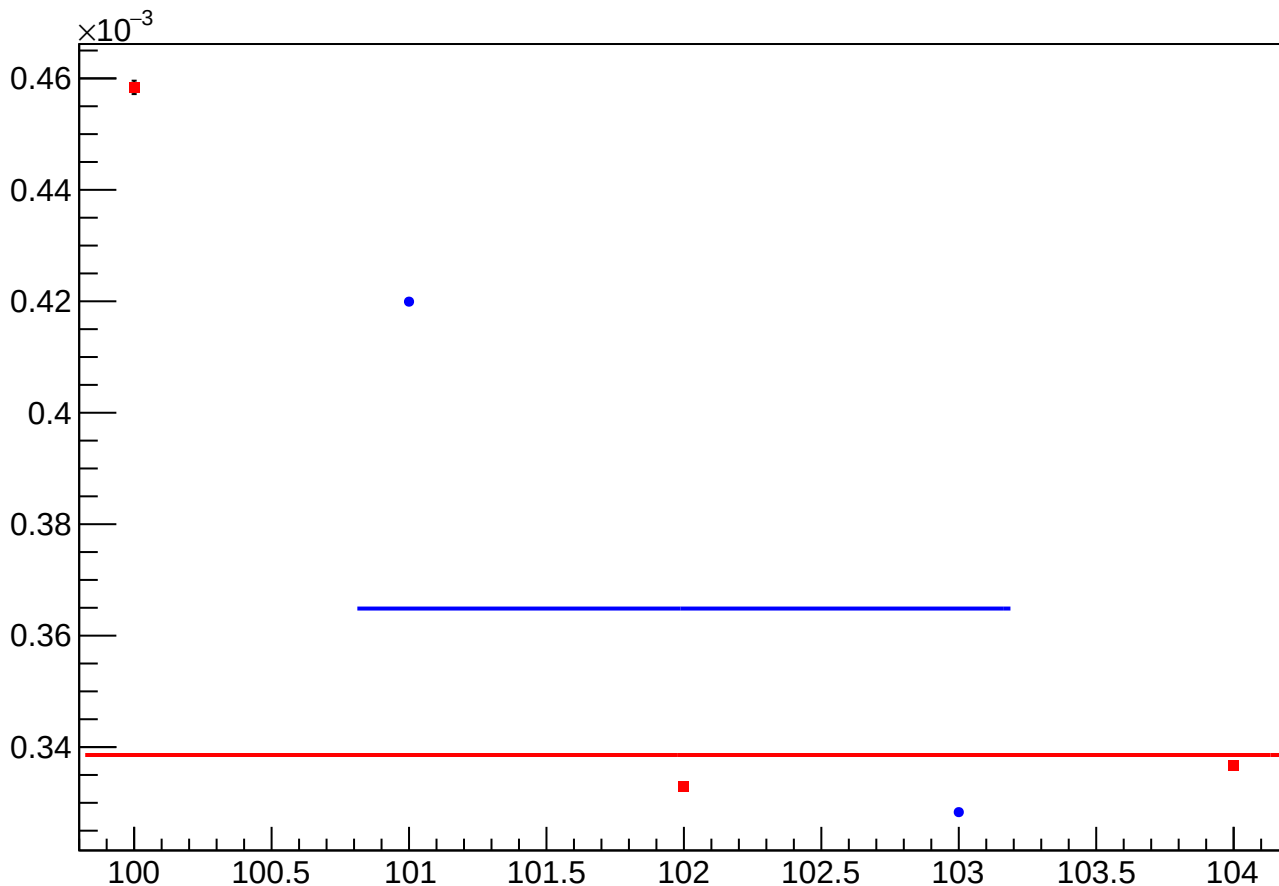
Right: 0.000+/-0.000 χ^2/NDF : 4.5/4

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 : 4.5/4

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 : 10297.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

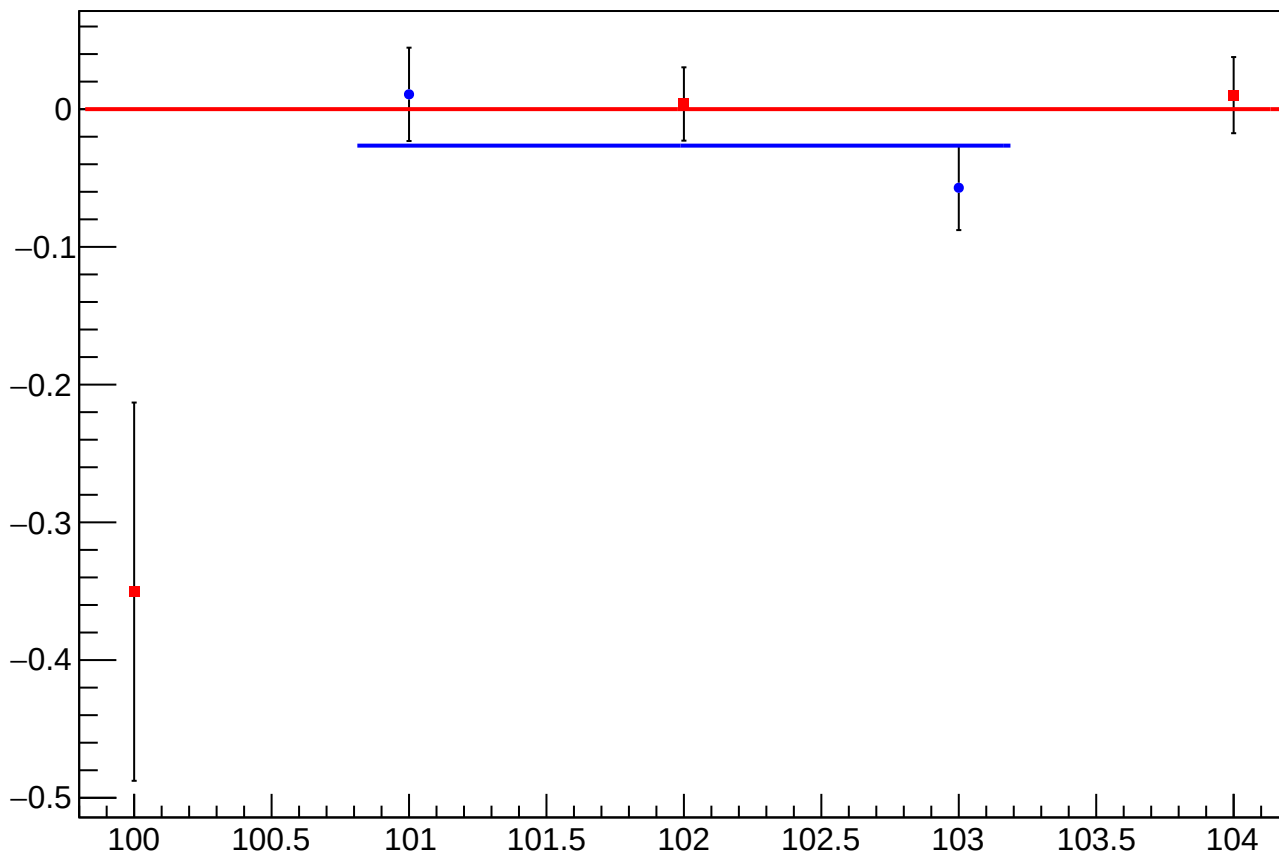
Right: 0.000+/-0.000 χ^2/NDF : 54683.5/4

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 : 54683.5/4

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: 0.000 $\pm$ 0.019 χ^2 /NDF: 6.7/2

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

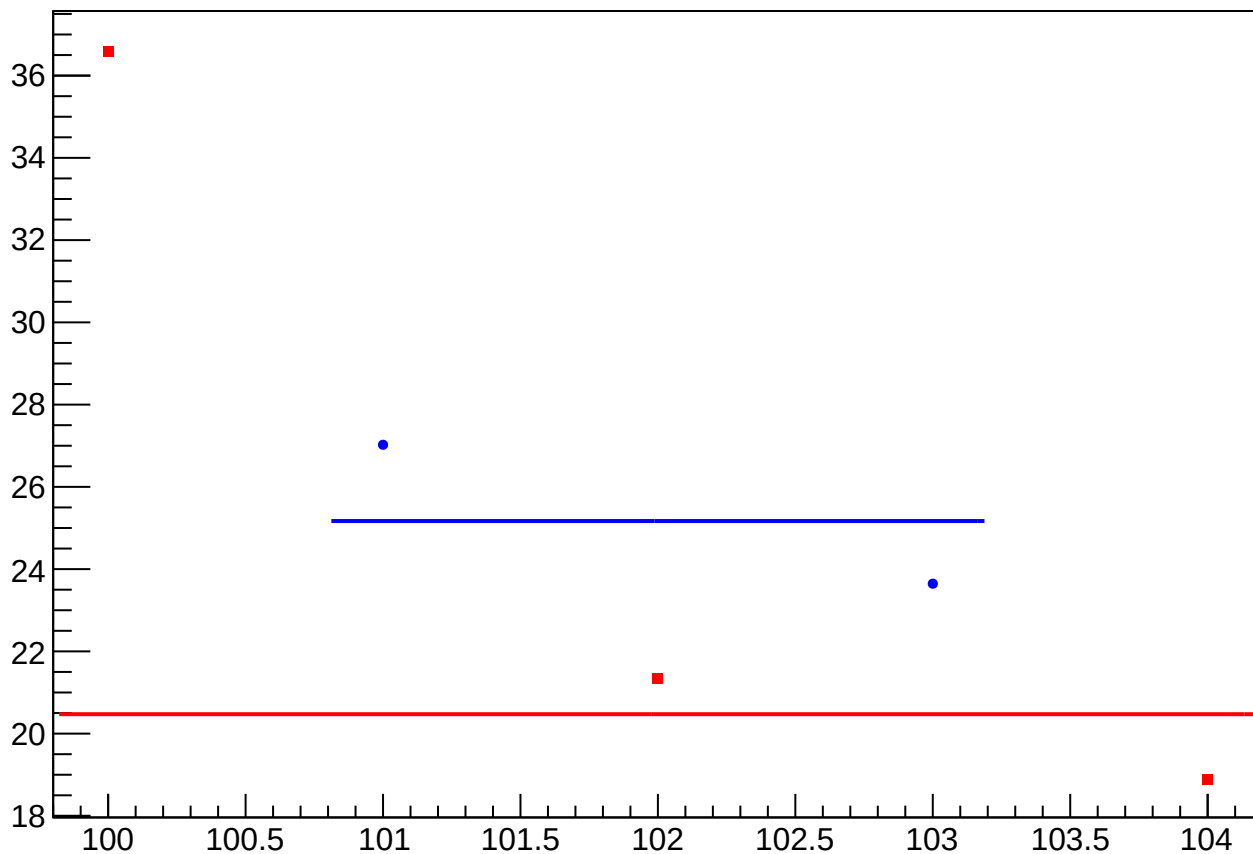
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: 20.472+/-0.013 χ^2/NDF : 36402.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

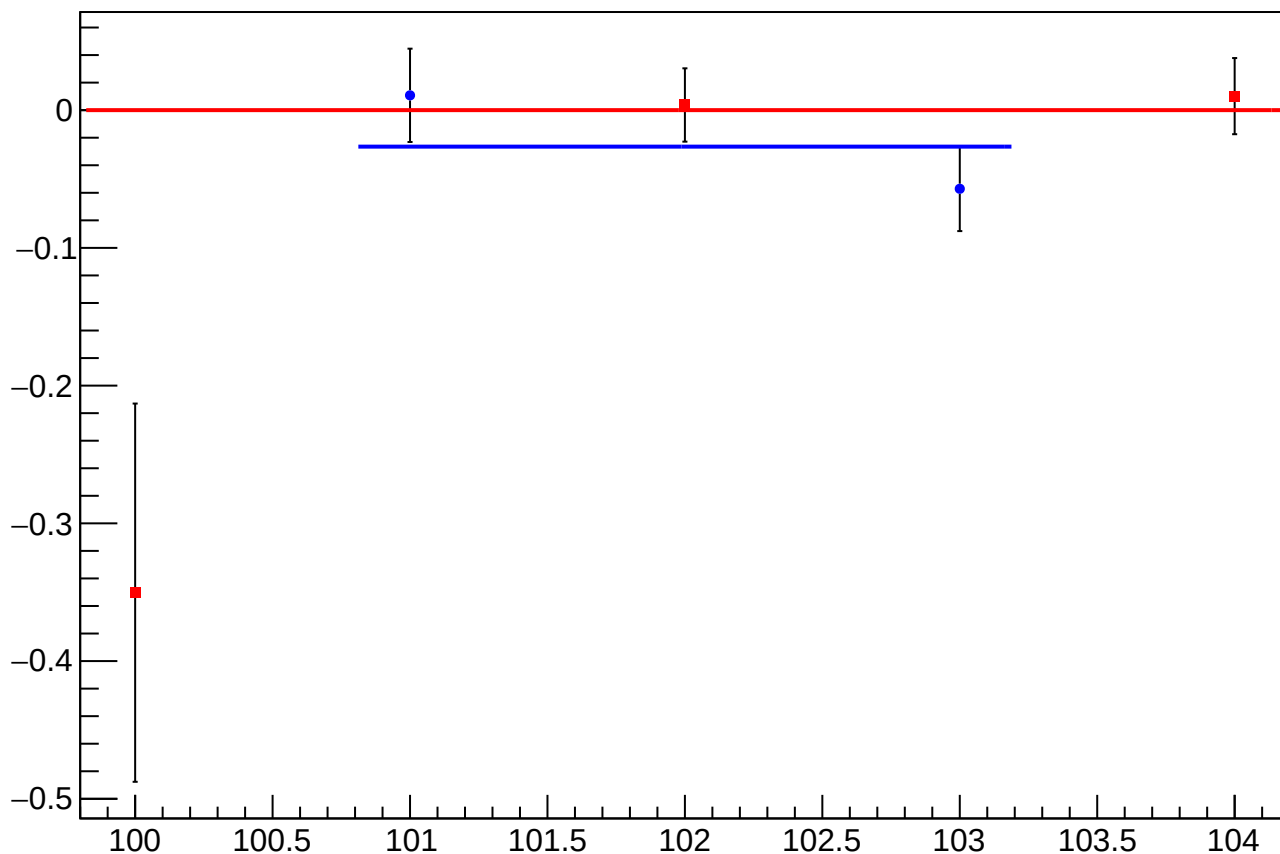
Right: 22.401+/-0.010 χ^2/NDF : 97548.1/4

In: 25.169+/-0.016 χ^2/NDF : 10914.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.401+/-0.010 χ^2/NDF : 97548.1/4

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: 0.000 $\pm$ 0.019 χ^2 /NDF: 6.7/2

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

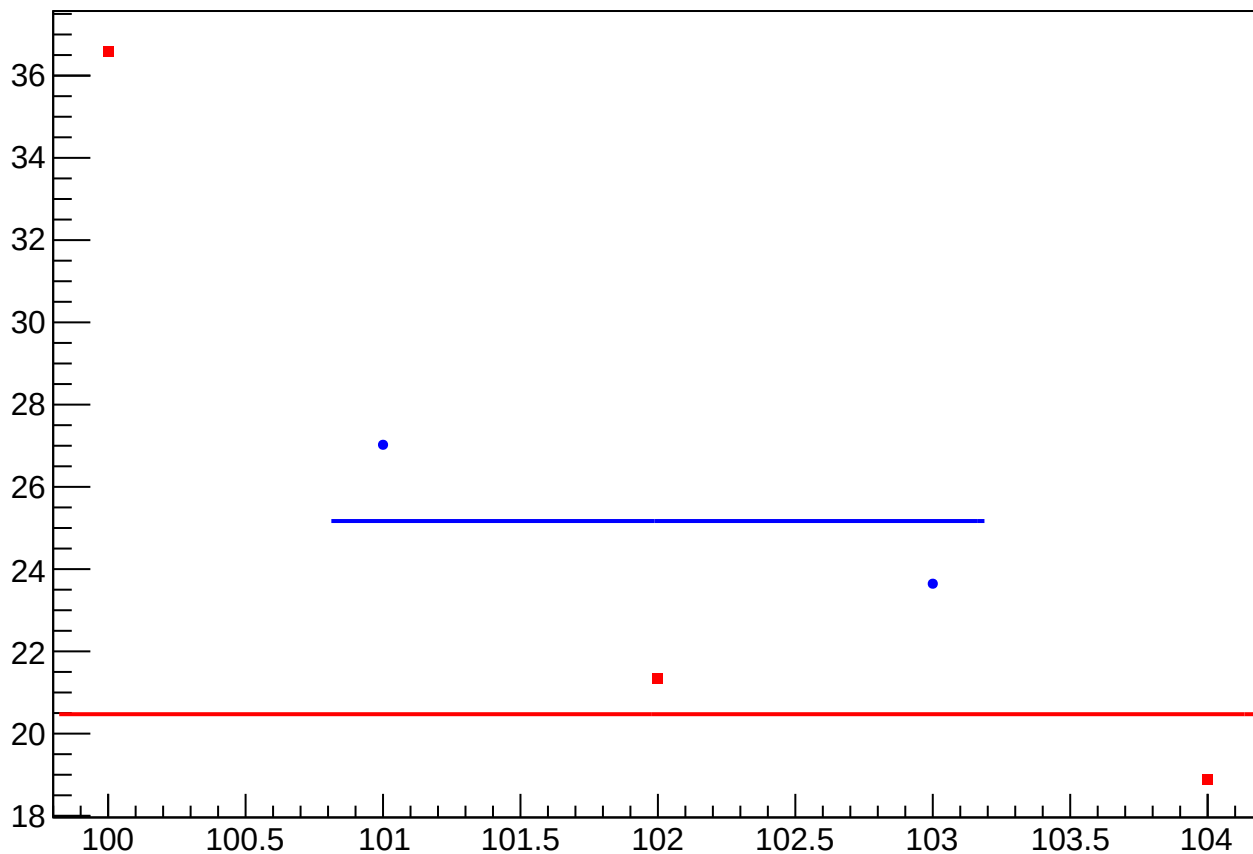
Right: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

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: -0.011 $\pm$ 0.015 χ^2 /NDF: 9.7/4

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.169 $\pm$ 0.016 χ^2 /NDF: 10914.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.472 $\pm$ 0.013 χ^2 /NDF: 36402.6/2

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

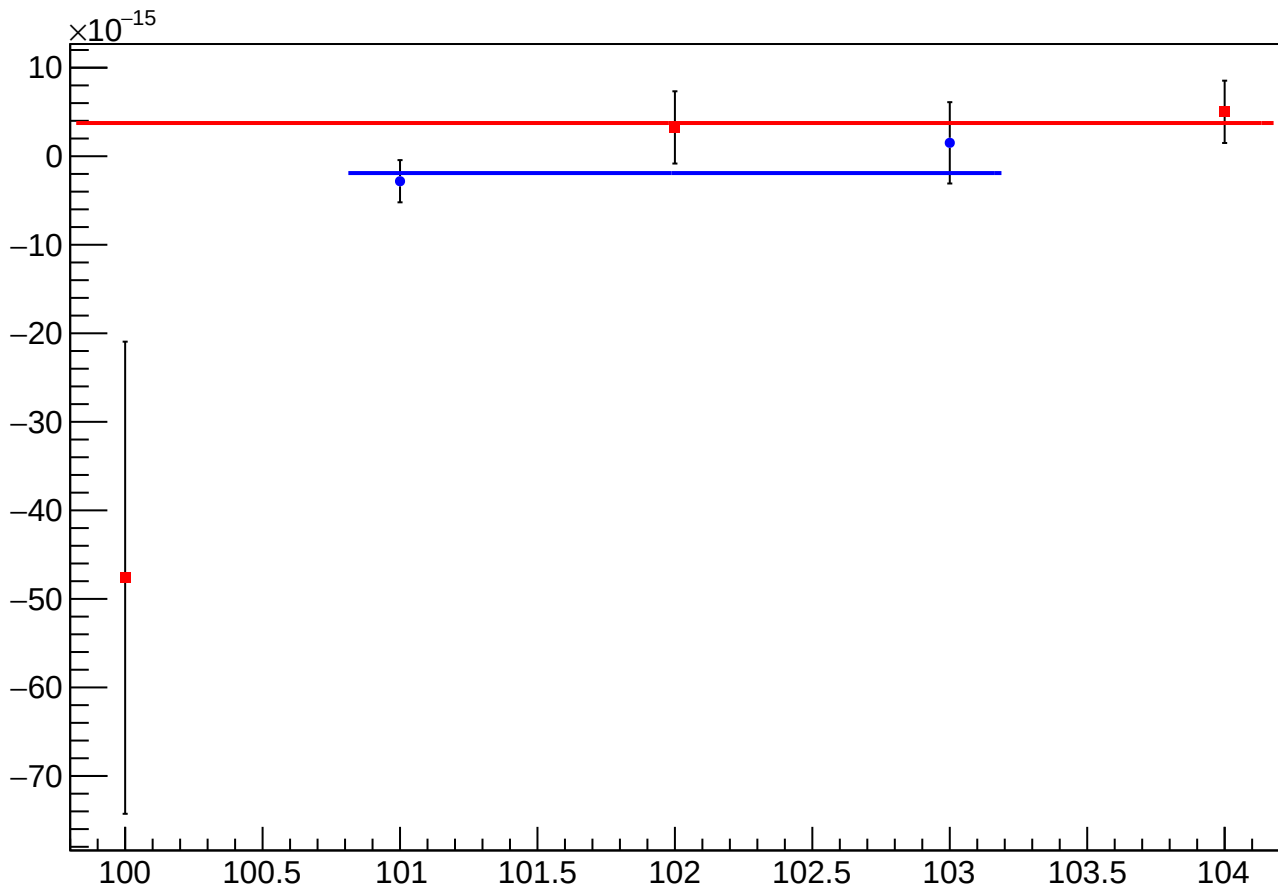
Right: 22.401 $\pm$ 0.010 χ^2 /NDF: 97548.1/4

In: 25.169 $\pm$ 0.016 χ^2 /NDF:10914.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.401 $\pm$ 0.010 χ^2 /NDF: 97548.1/4

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: 3.9/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

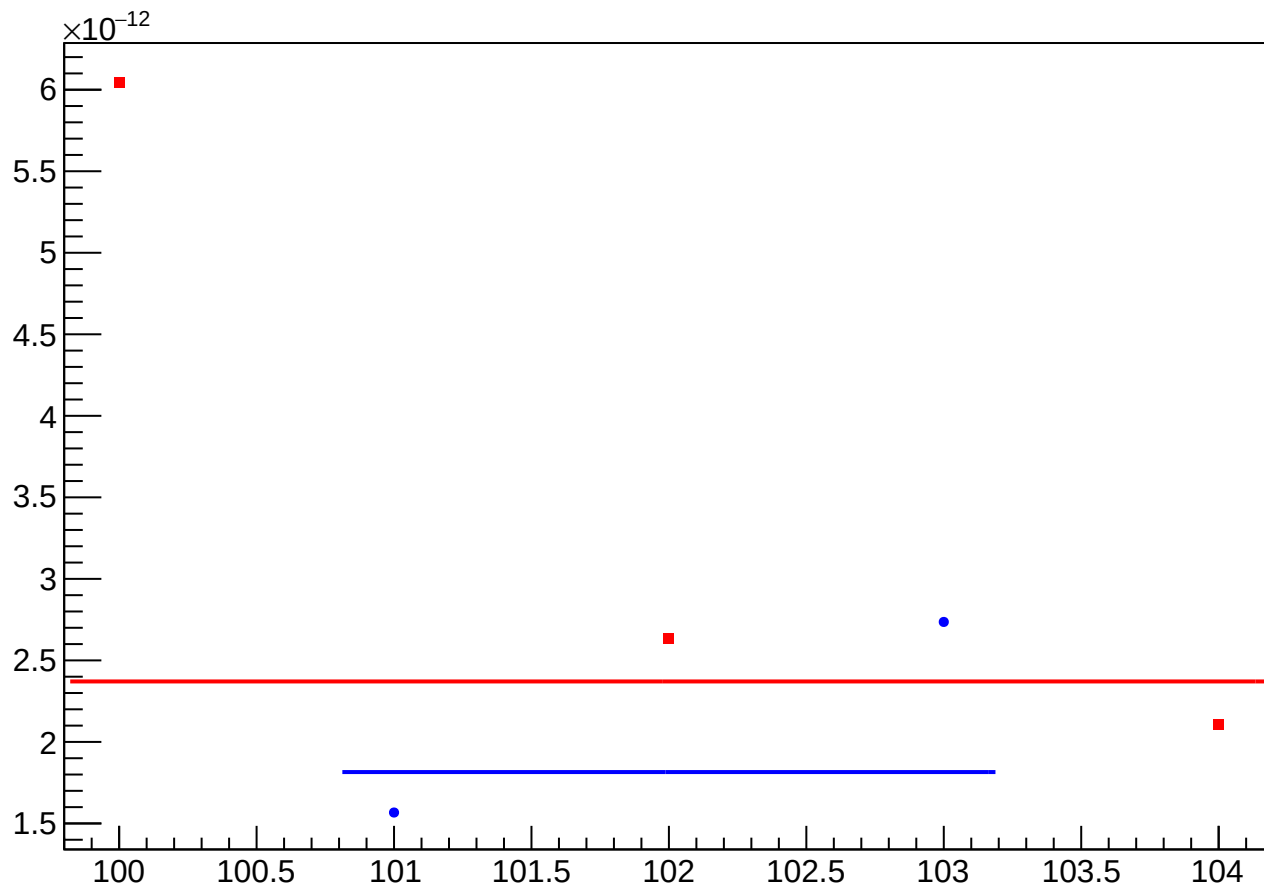
Right: 0.000+/-0.000 χ^2 /NDF: 7.3/4

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: 7.3/4

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 : 57466.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

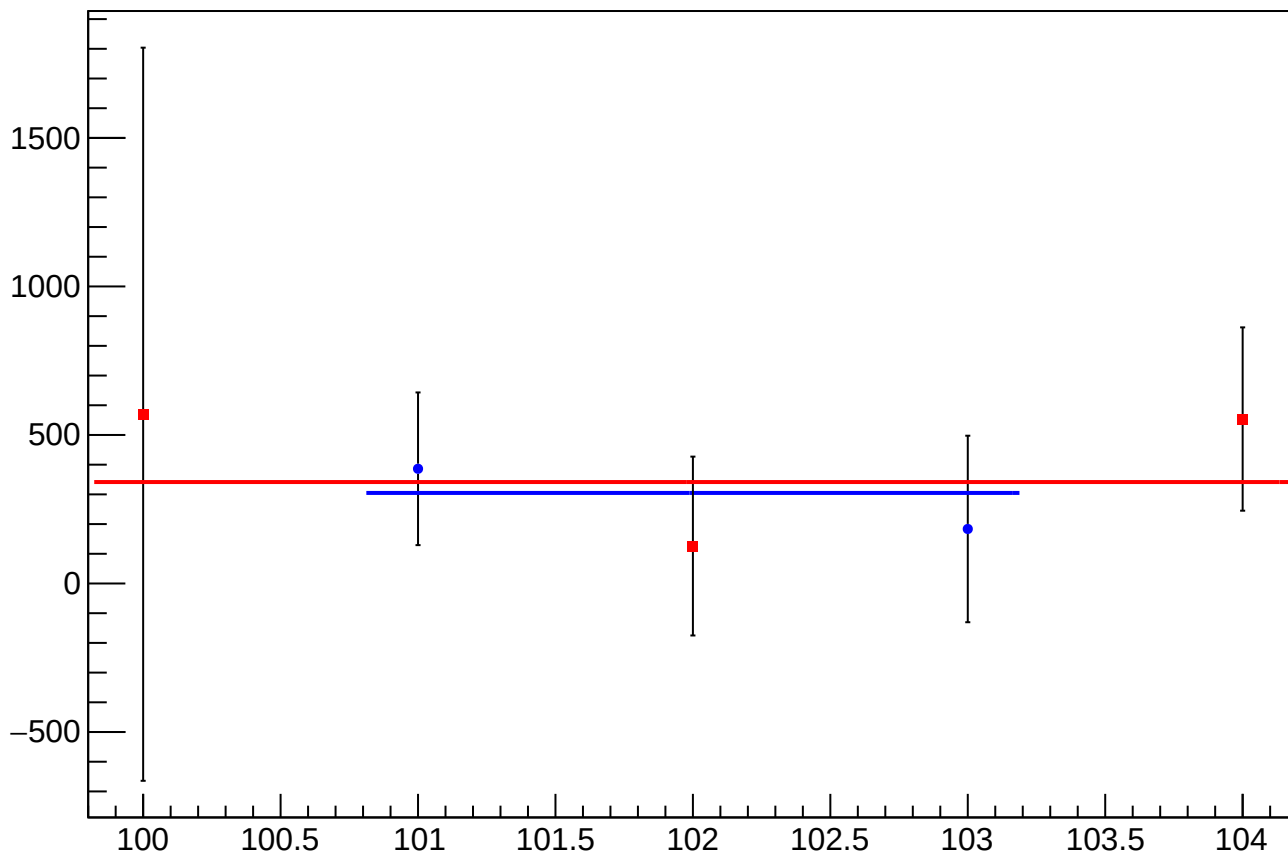
Right: 0.000+/-0.000 χ^2/NDF : 213169.4/4

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 : 213169.4/4

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: 341.521+/-212.273 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

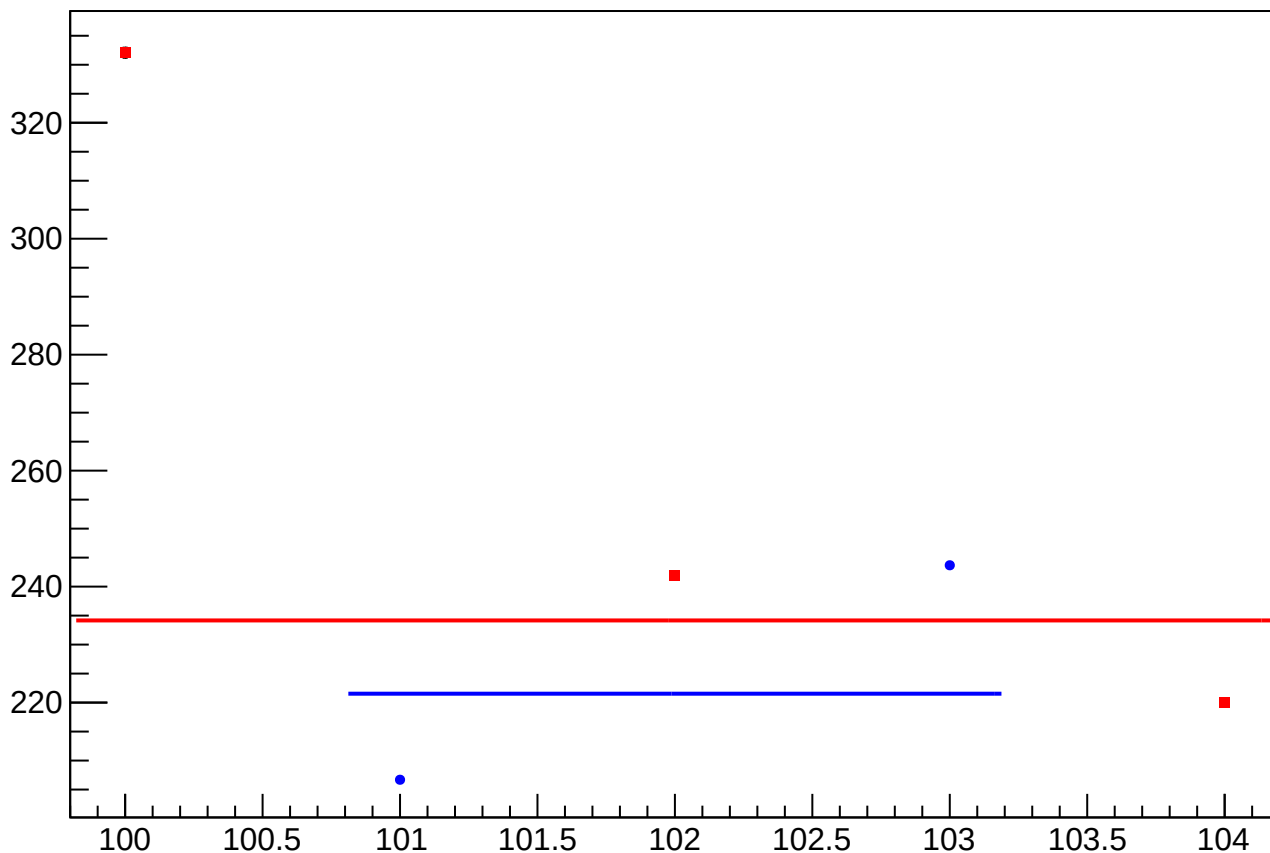
Right: 321.997+/-145.125 χ^2/NDF : 1.3/4

In: 304.862+/-198.858 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.997+/-145.125 χ^2/NDF : 1.3/4

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: 234.166 $\pm$ 0.150 χ^2 /NDF: 18113.8/2

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

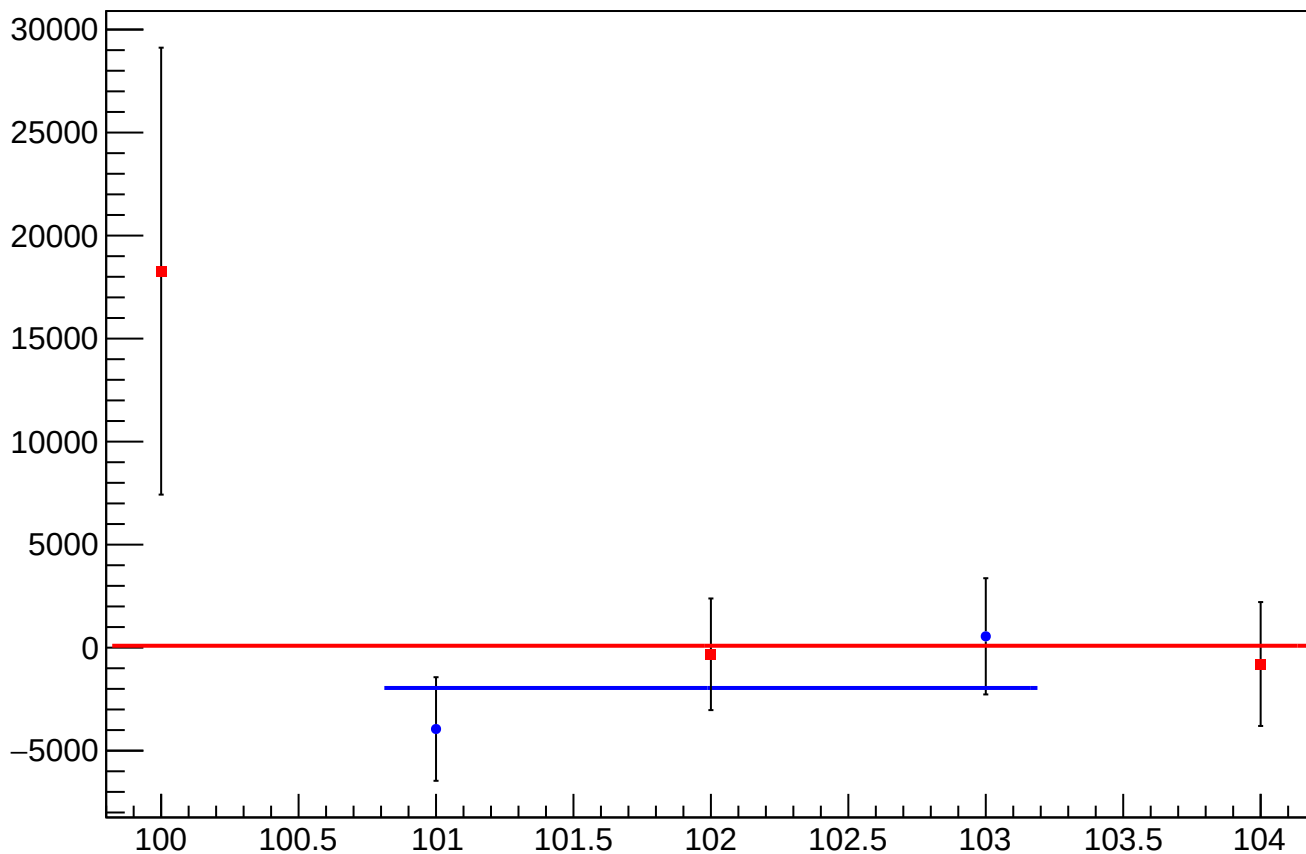
Right: 227.437 $\pm$ 0.103 χ^2 /NDF: 38510.8/4

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: 227.437 $\pm$ 0.103 χ^2 /NDF: 38510.8/4

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: 92.885+/-1978.808 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

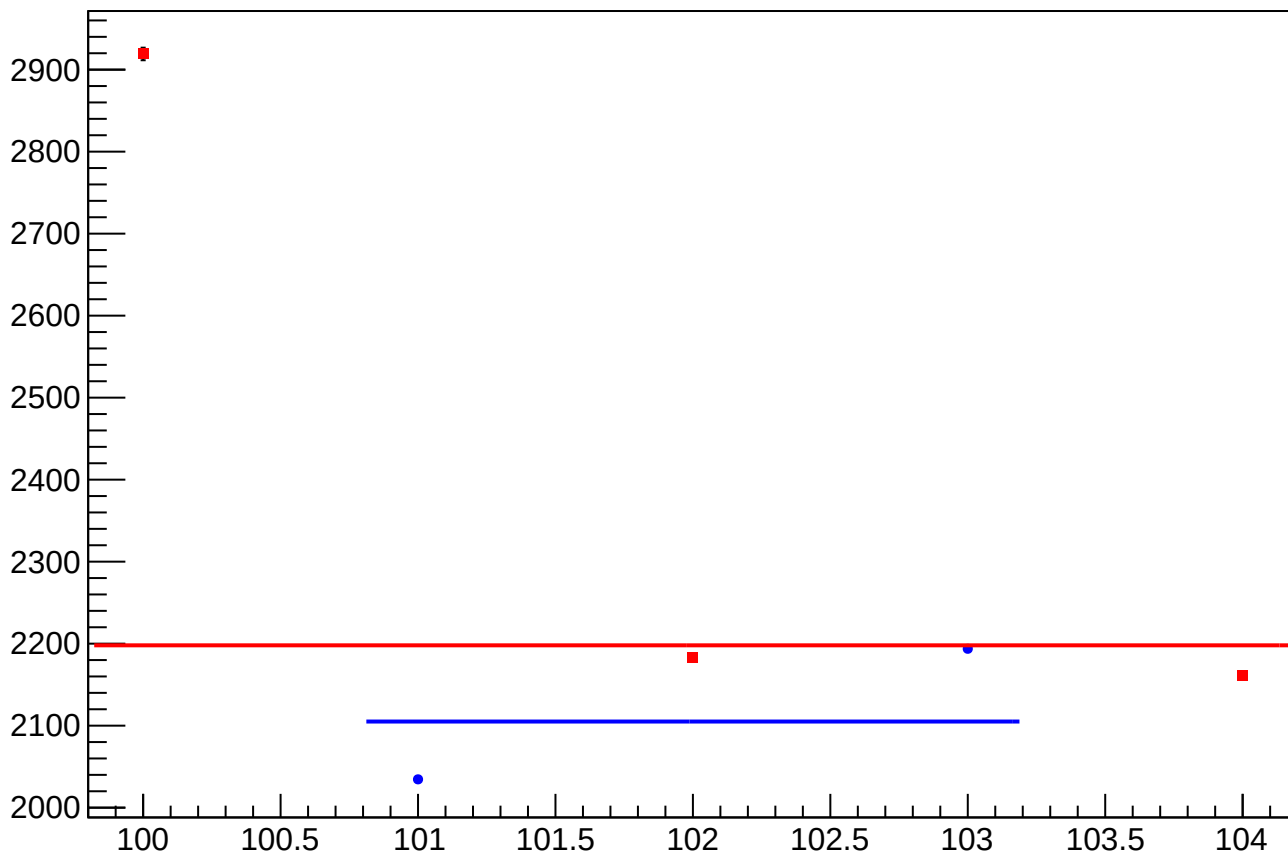
Right: -985.902+/-1361.679 χ^2/NDF : 4.9/4

In: -1956.186+/-1876.659 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -985.902+/-1361.679 χ^2/NDF : 4.9/4

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: 2197.966+/-1.399 χ^2/NDF : 9202.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

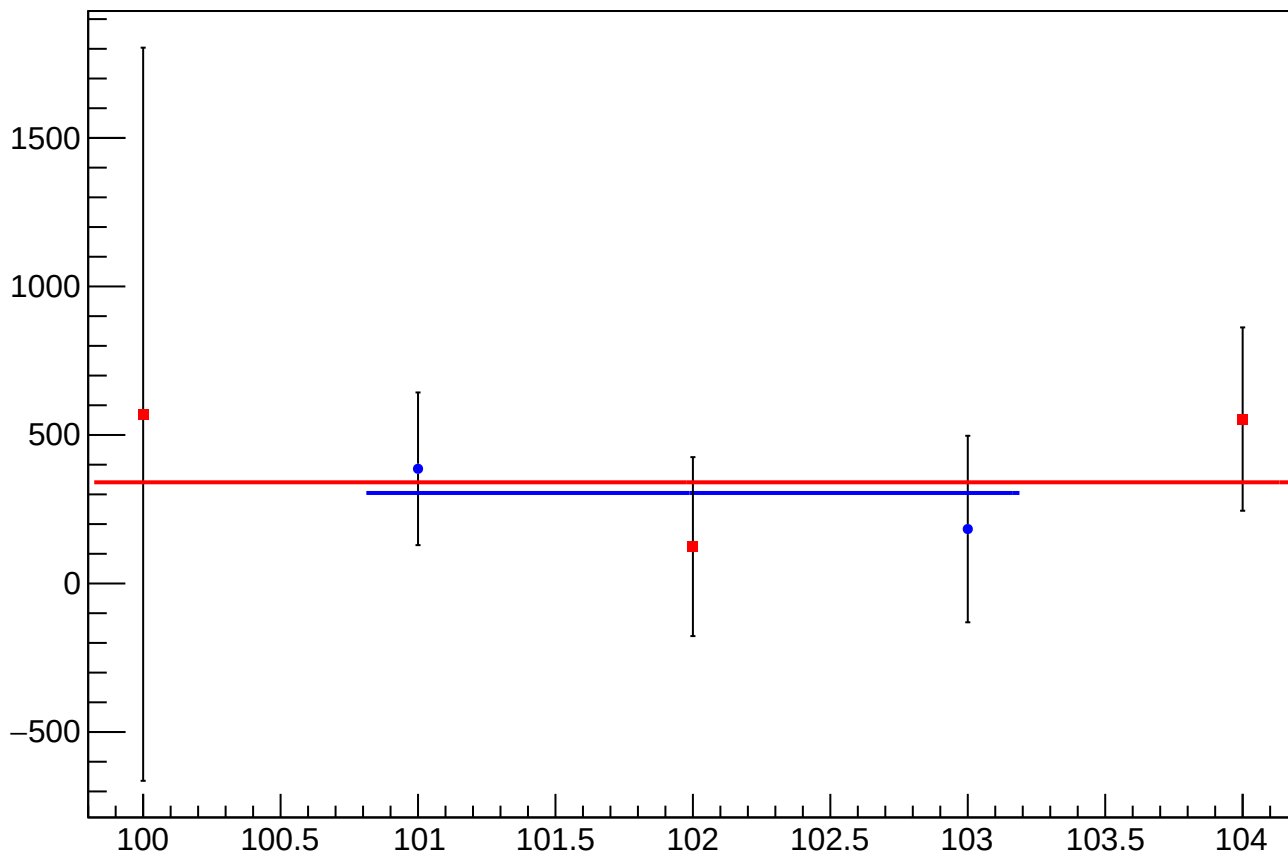
Right: 2149.040+/-0.963 χ^2/NDF : 15076.9/4

In: 2105.035+/-1.327 χ^2/NDF : 3552.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.040+/-0.963 χ^2/NDF : 15076.9/4

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771+/-198.858 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.656+/-212.331 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

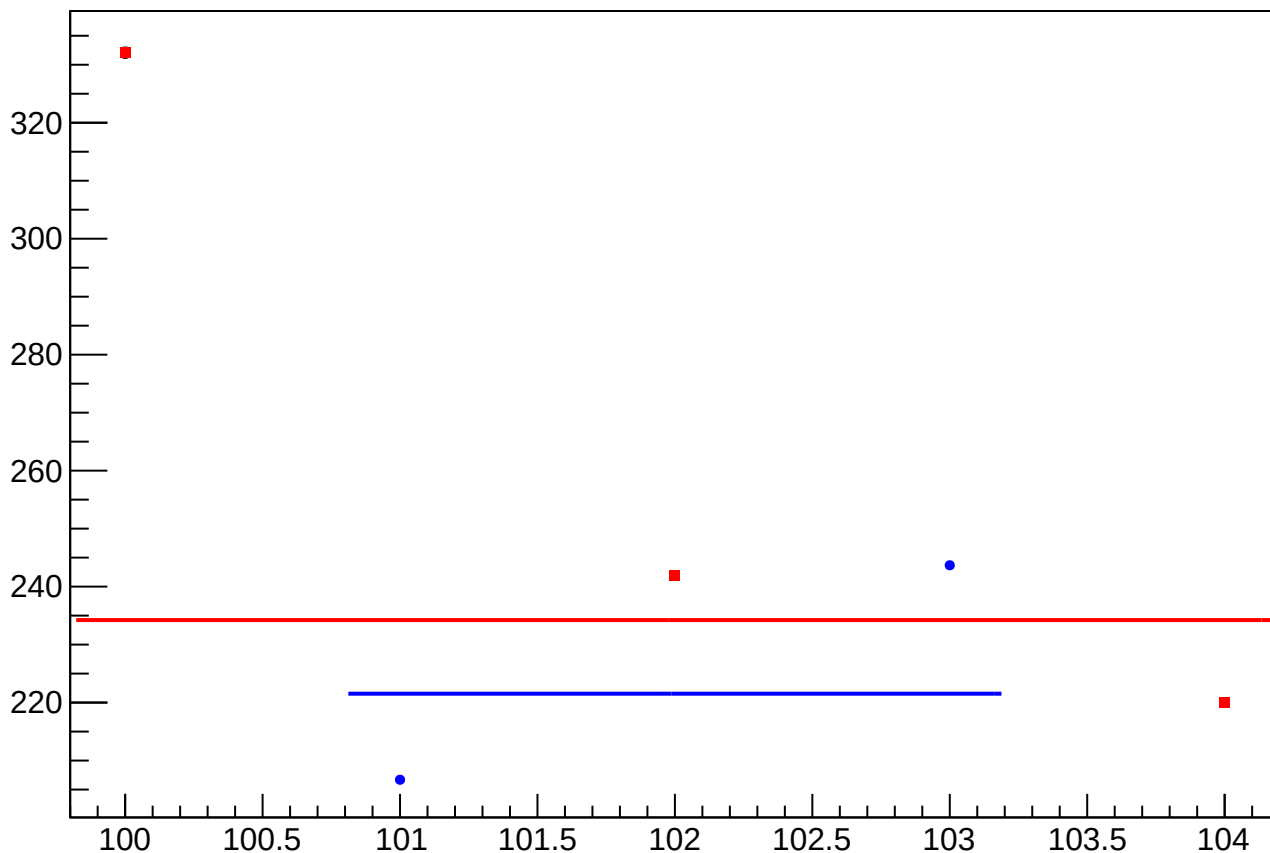
Right: 321.539+/-145.143 χ^2/NDF : 1.3/4

In: 304.771+/-198.858 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.539+/-145.143 χ^2/NDF : 1.3/4

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: 234.229 $\pm$ 0.150 χ^2 /NDF: 18156.2/2

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

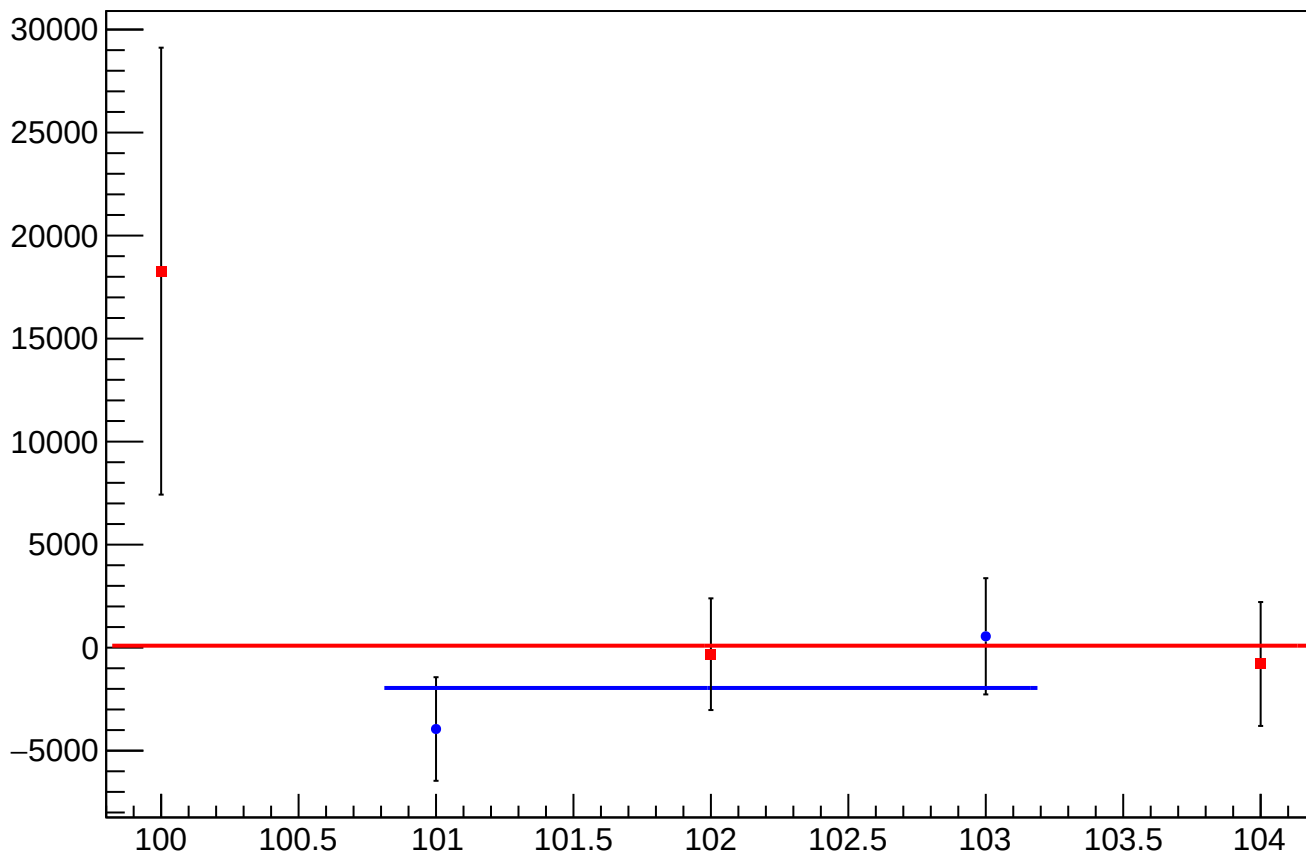
Right: 227.465 $\pm$ 0.103 χ^2 /NDF: 38590.5/4

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: 227.465 $\pm$ 0.103 χ^2 /NDF: 38590.5/4

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: 96.130+/-1979.503 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

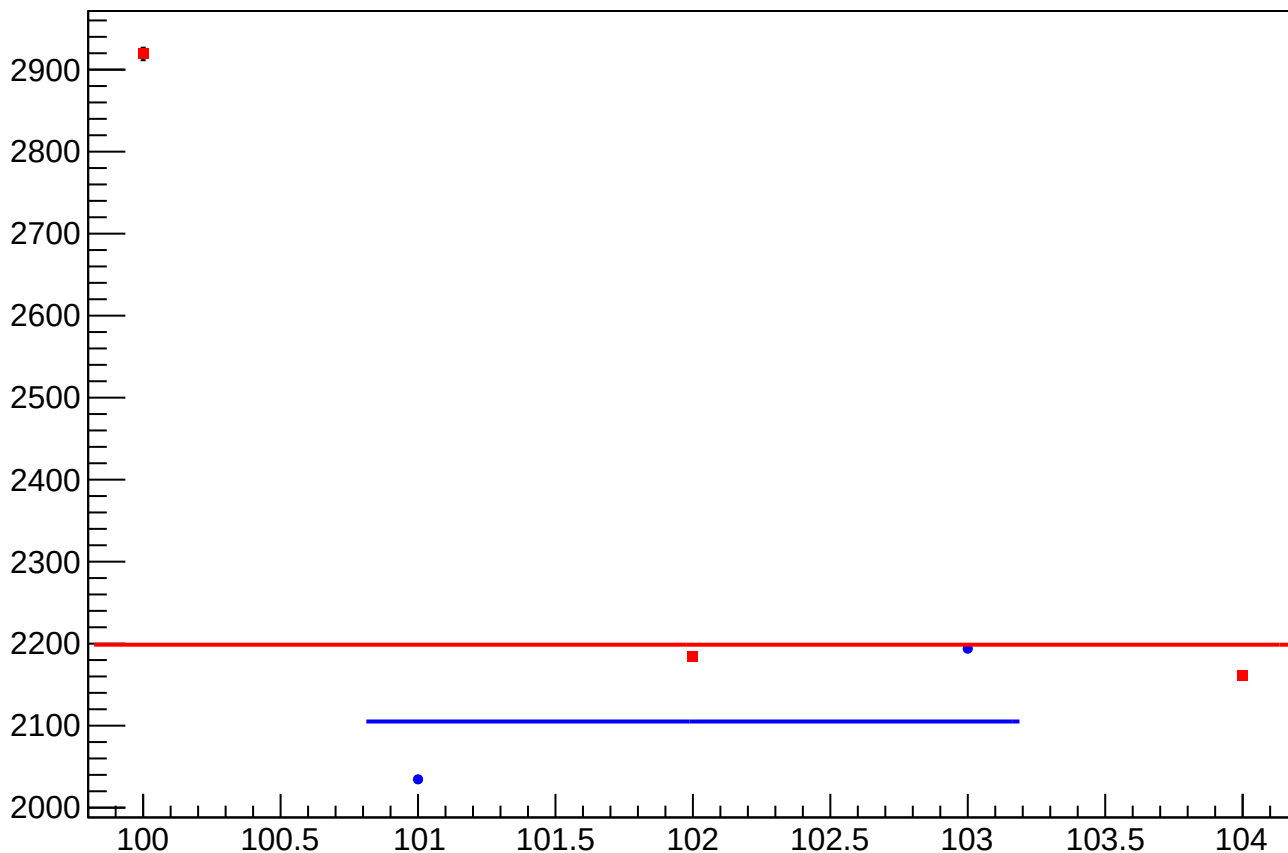
Right: -984.493+/-1361.923 χ^2/NDF : 4.9/4

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -984.493+/-1361.923 χ^2/NDF : 4.9/4

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2198.748+/-1.400 χ^2/NDF : 9189.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

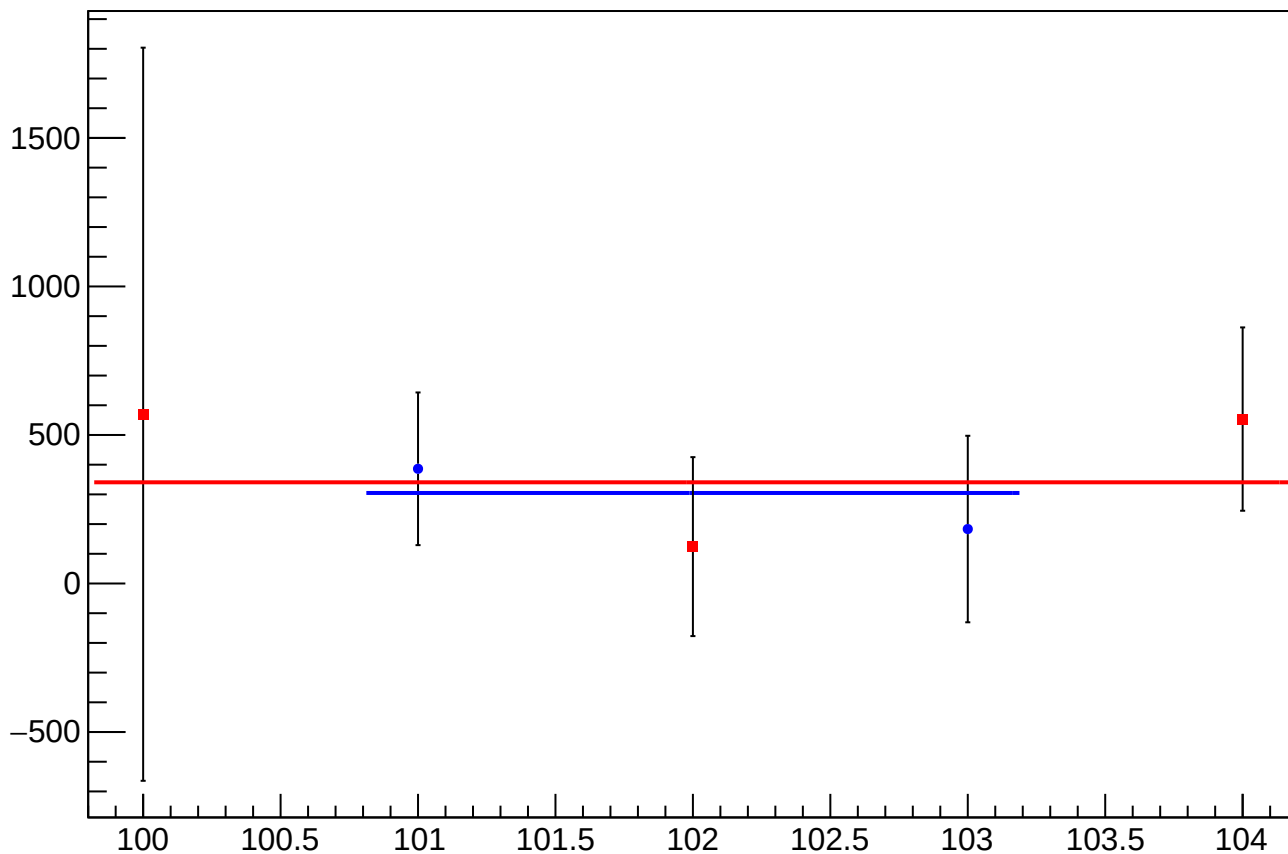
Right: 2149.420+/-0.963 χ^2/NDF : 15104.7/4

In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.420+/-0.963 χ^2/NDF : 15104.7/4

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 304.771+/-198.858 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.656+/-212.331 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

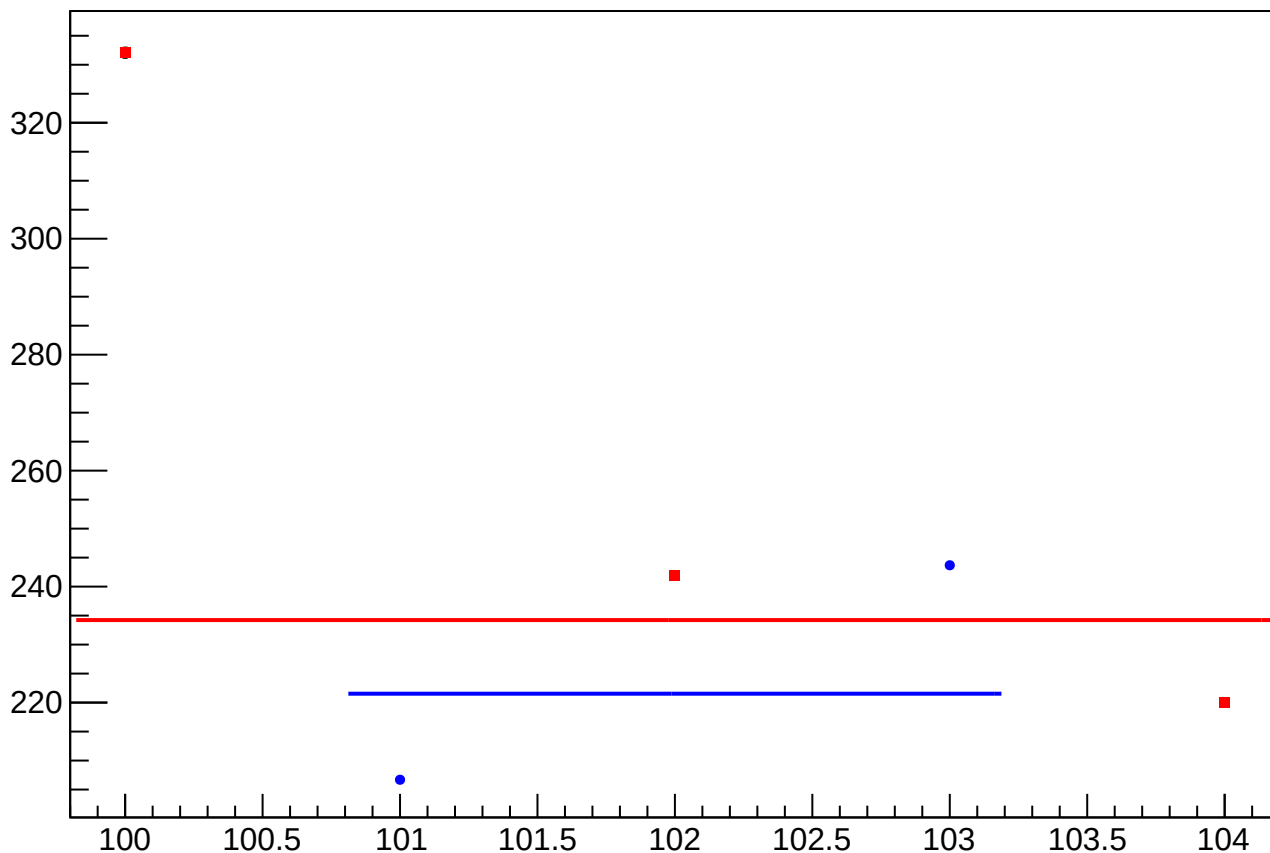
Right: 321.539+/-145.143 χ^2/NDF : 1.3/4

In: 304.771+/-198.858 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.539+/-145.143 χ^2/NDF : 1.3/4

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 221.532+/-0.141 χ^2/NDF : 16624.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.229+/-0.150 χ^2/NDF : 18156.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

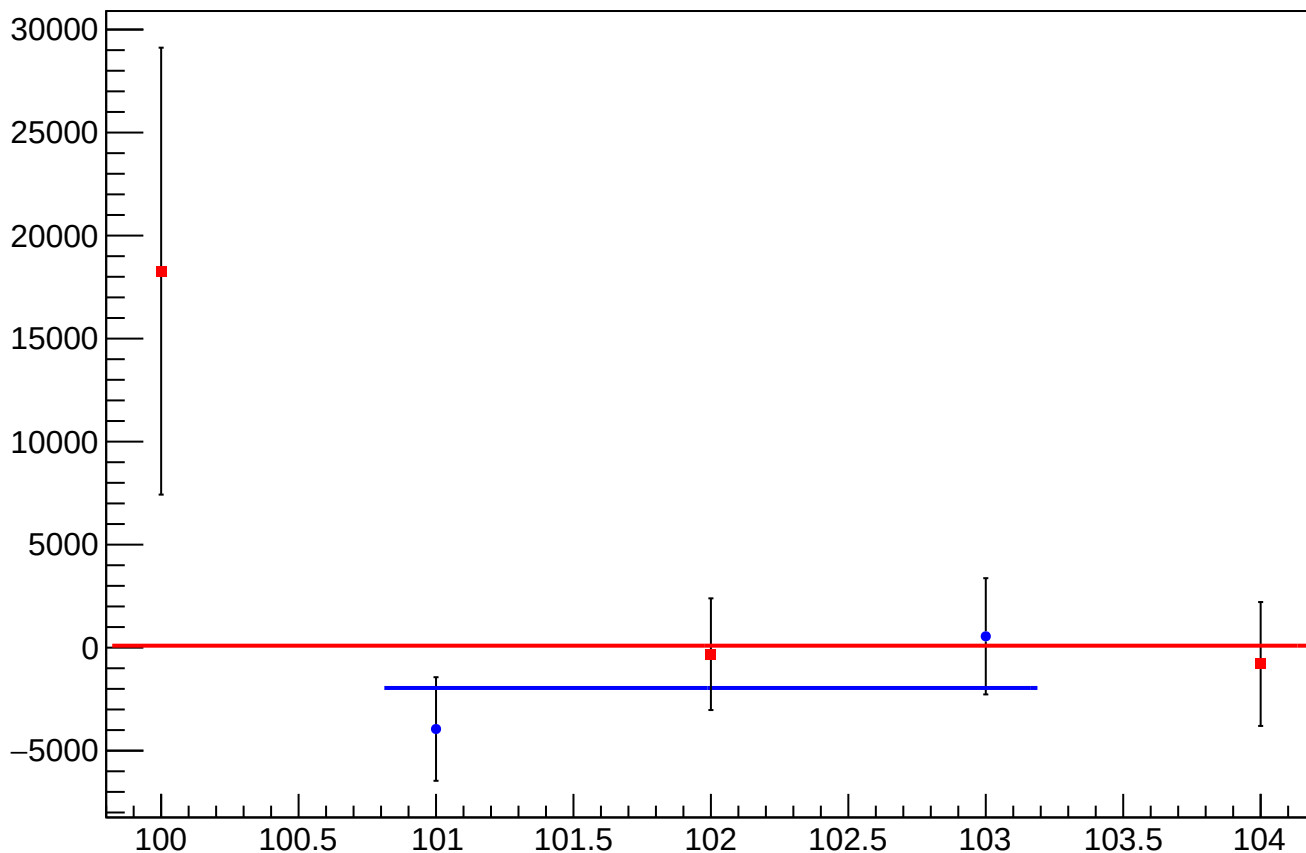
Right: 227.465+/-0.103 χ^2/NDF : 38590.5/4

In: 221.532+/-0.141 χ^2/NDF : 16624.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.465+/-0.103 χ^2/NDF : 38590.5/4

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: 96.130+/-1979.503 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

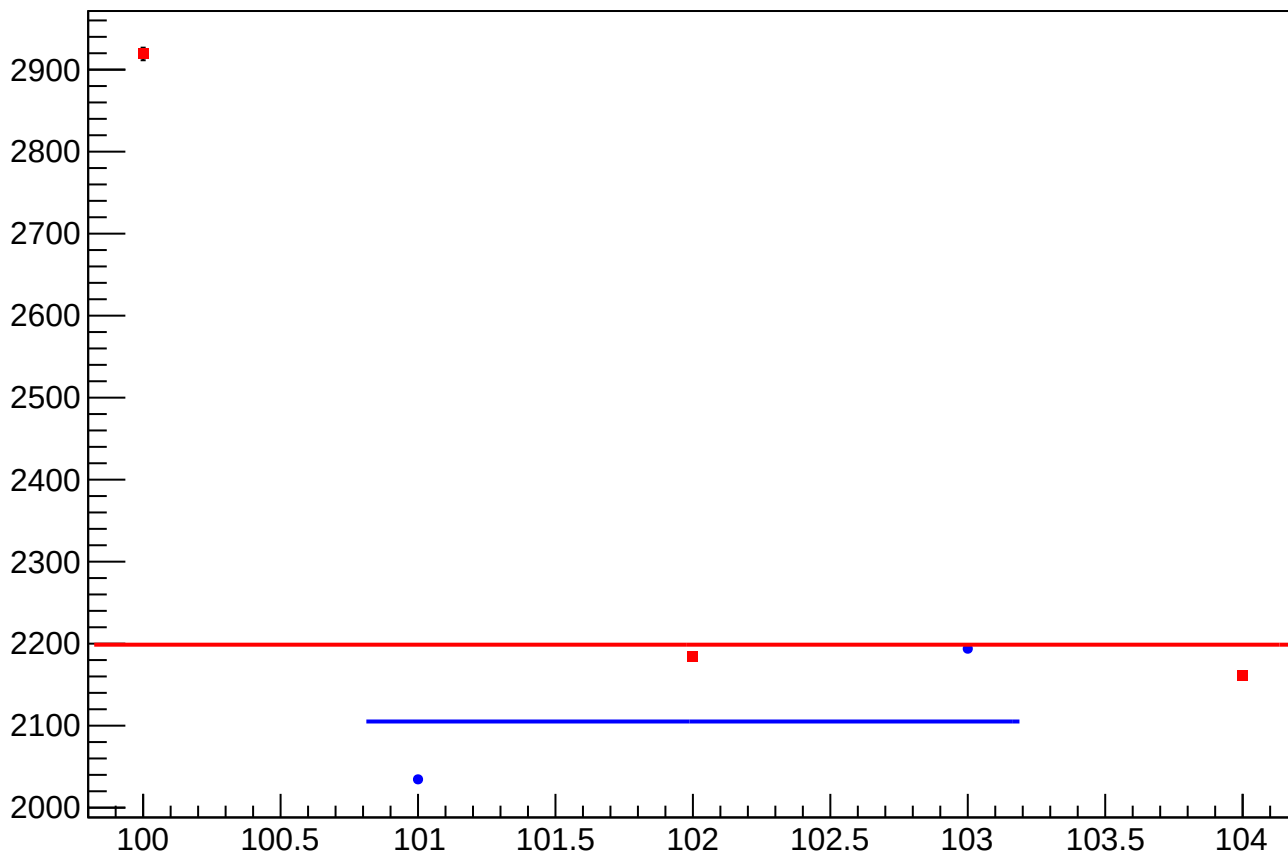
Right: -984.493+/-1361.923 χ^2/NDF : 4.9/4

In: -1955.794+/-1876.704 χ^2/NDF : 1.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -984.493+/-1361.923 χ^2/NDF : 4.9/4

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: 2198.748+/-1.400 χ^2/NDF : 9189.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

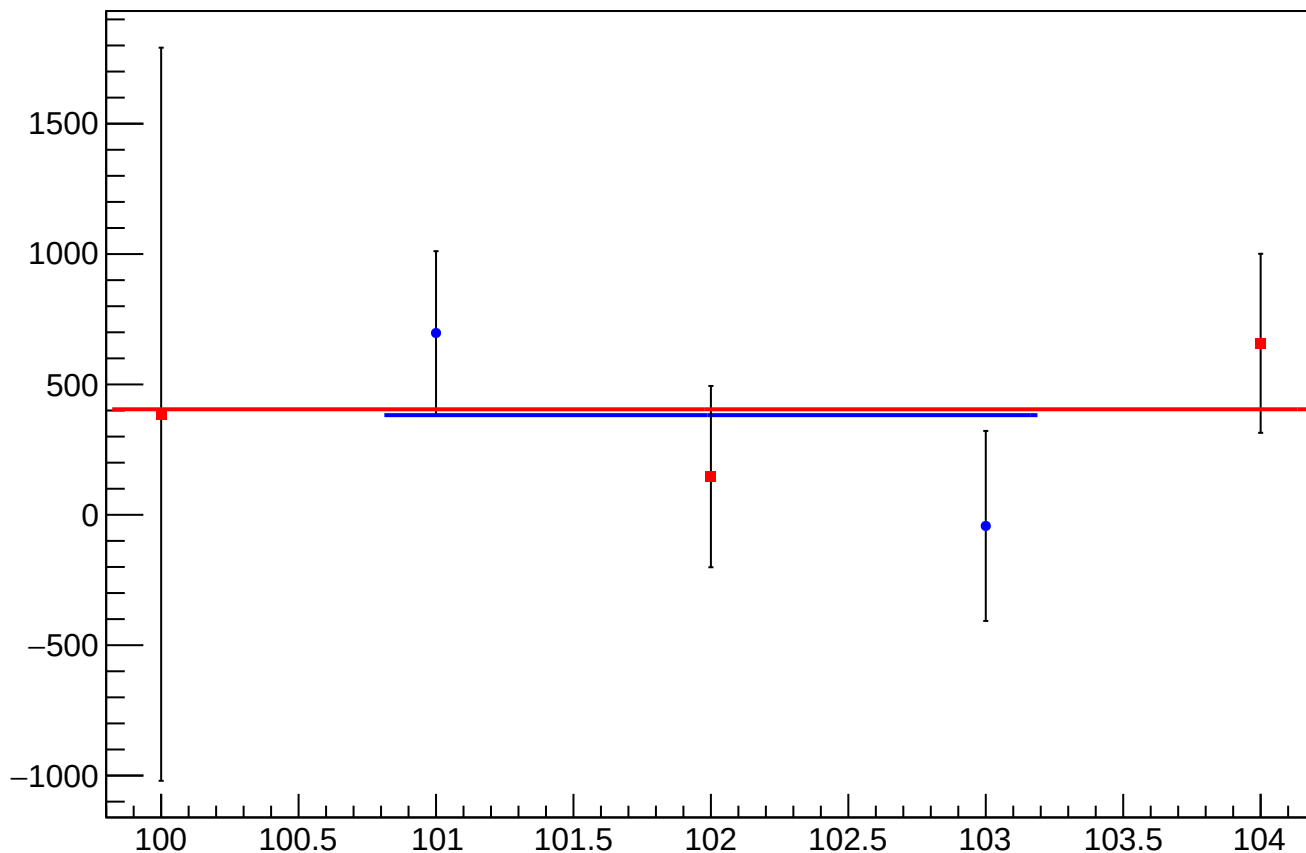
Right: 2149.420+/-0.963 χ^2/NDF : 15104.7/4

In: 2105.081+/-1.327 χ^2/NDF : 3556.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.420+/-0.963 χ^2/NDF : 15104.7/4

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: 404.755+/-240.677 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

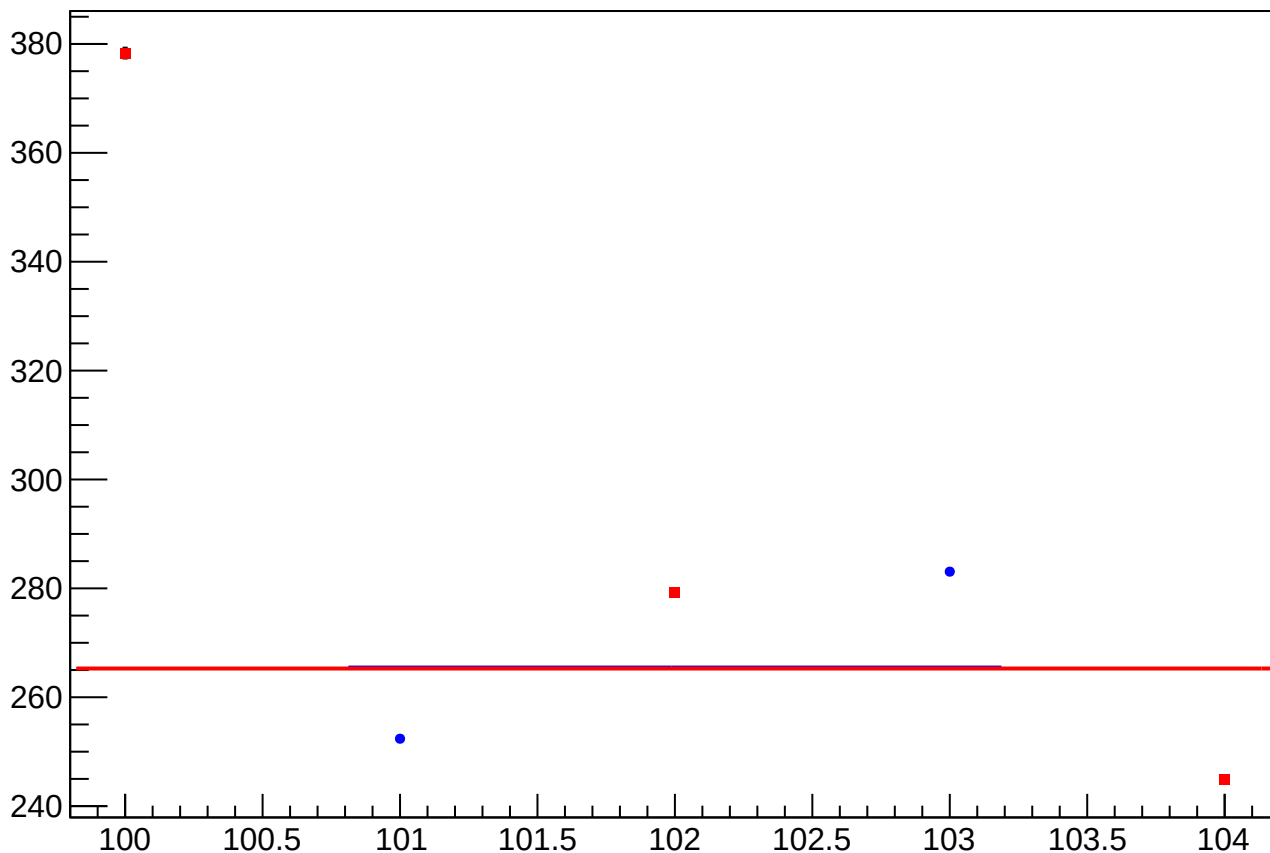
Right: 393.372+/-169.140 χ^2/NDF : 3.5/4

In: 382.263+/-237.751 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.372+/-169.140 χ^2/NDF : 3.5/4

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: 265.276+/-0.170 χ^2/NDF : 23214.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

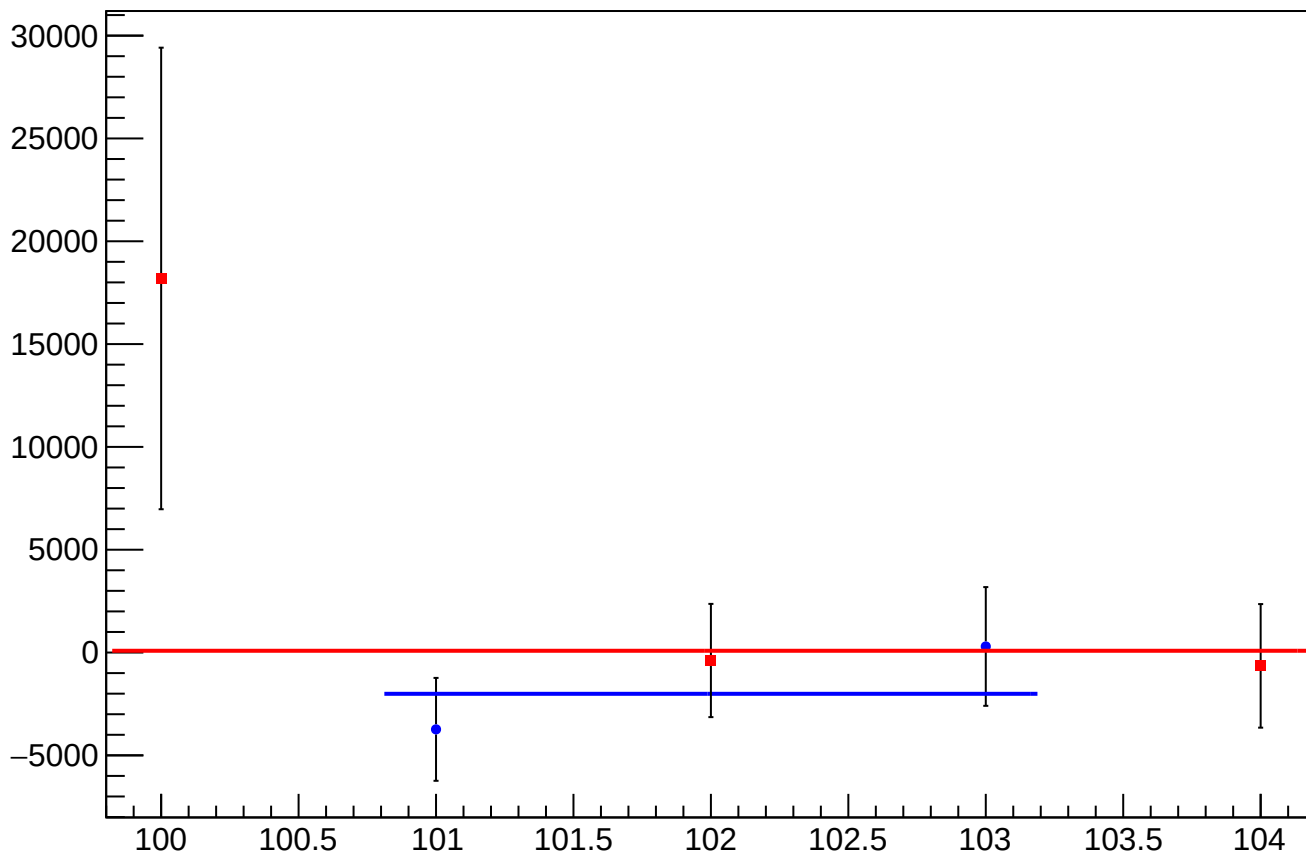
Right: 265.364+/-0.120 χ^2/NDF : 31361.1/4

In: 265.450+/-0.168 χ^2/NDF : 8146.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.364+/-0.120 χ^2/NDF : 31361.1/4

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.927+/-1890.700 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.847+/-1997.589 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

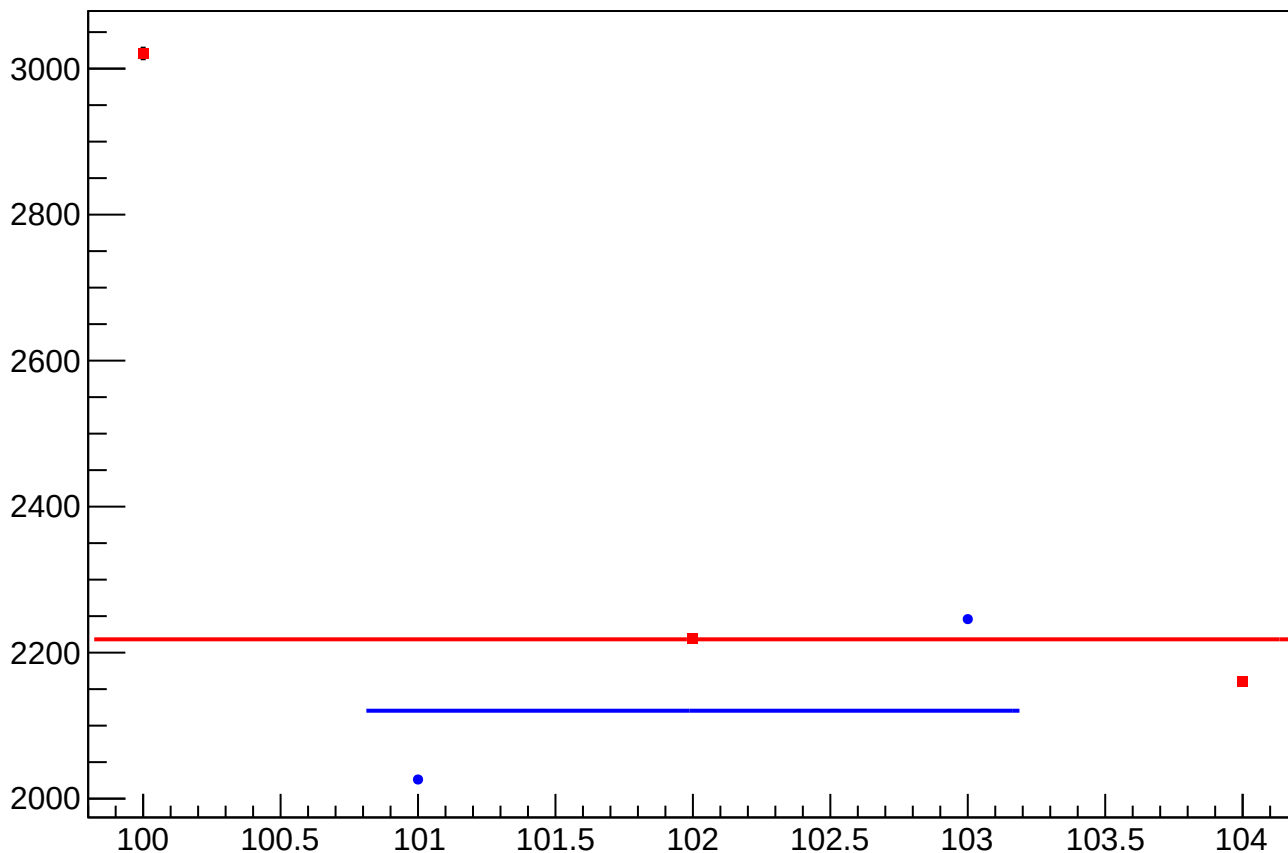
Right: -1018.026+/-1373.160 χ^2/NDF : 4.4/4

In: -2006.927+/-1890.700 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1018.026+/-1373.160 χ^2/NDF : 4.4/4

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: 2218.246+/-1.413 χ^2/NDF : 10974.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

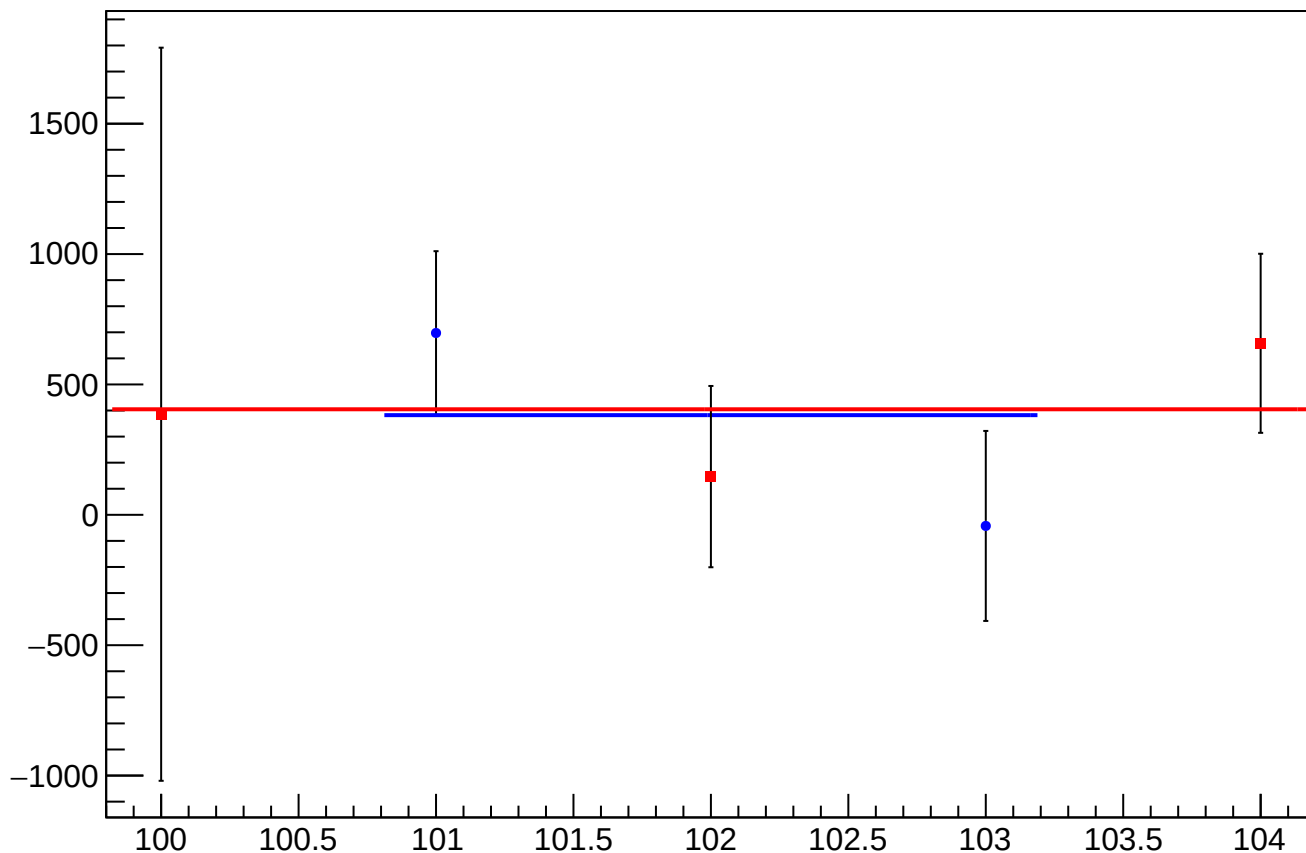
Right: 2166.654+/-0.971 χ^2/NDF : 20119.3/4

In: 2120.437+/-1.337 χ^2/NDF : 6615.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.654+/-0.971 χ^2/NDF : 20119.3/4

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: 404.761+/-240.677 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

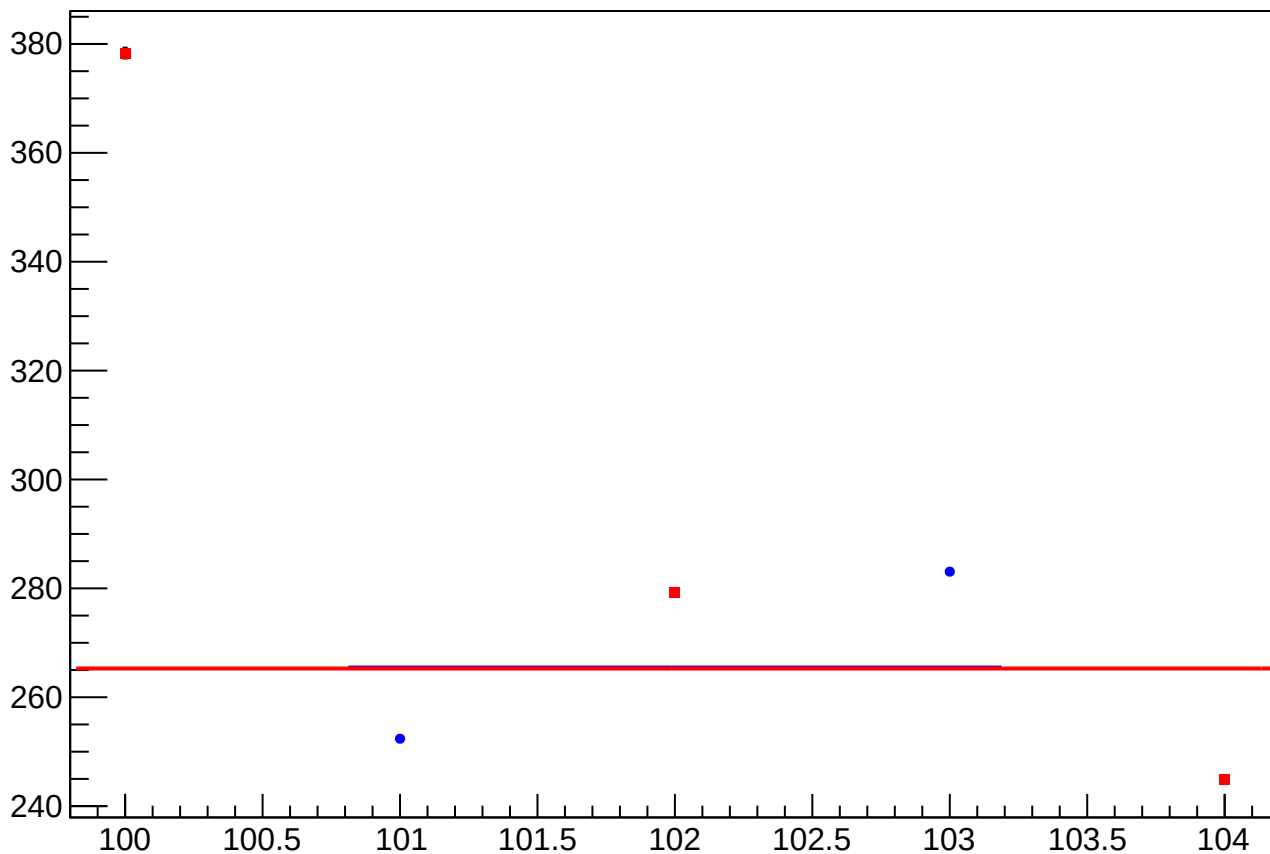
Right: 393.372+/-169.140 χ^2/NDF : 3.5/4

In: 382.258+/-237.750 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.372+/-169.140 χ^2/NDF : 3.5/4

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: 265.276+/-0.170 χ^2/NDF : 23213.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

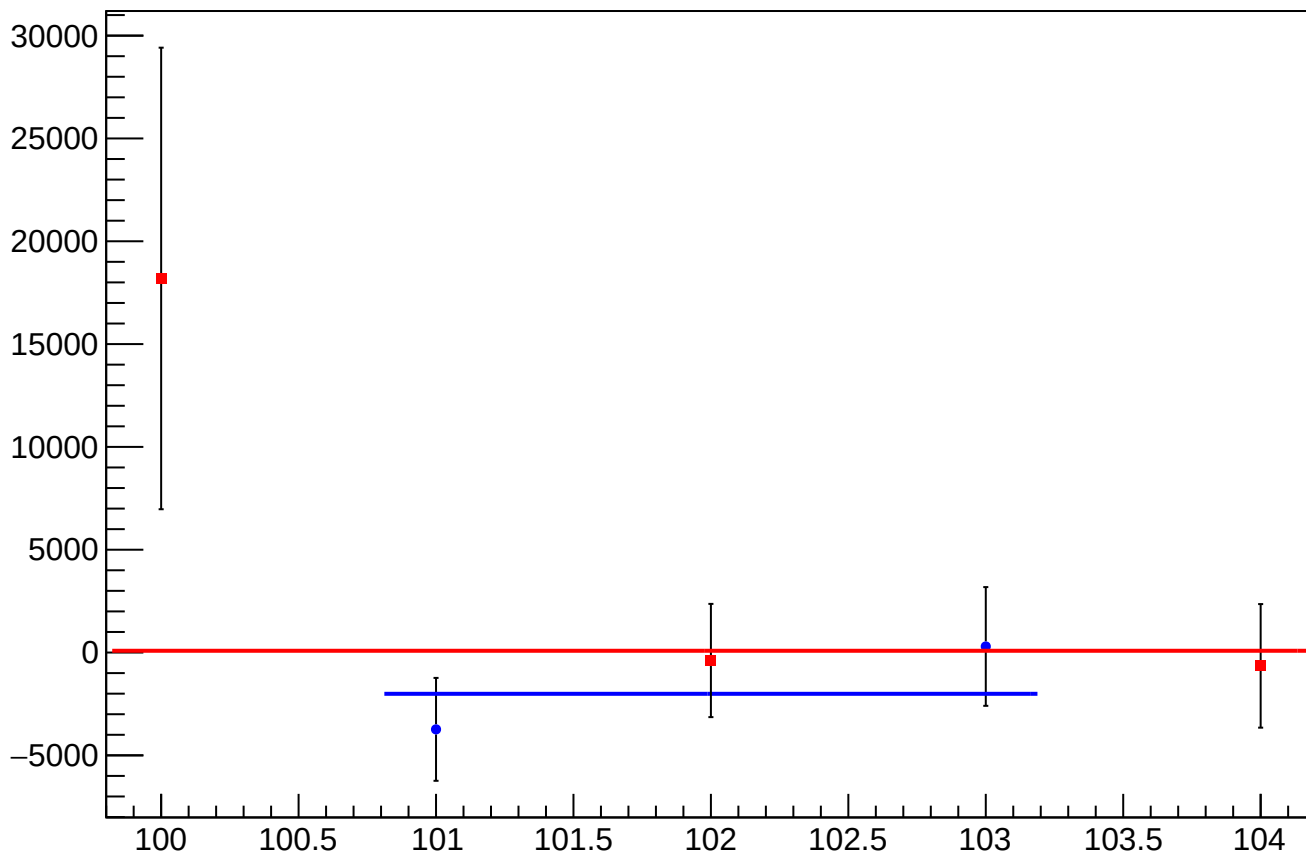
Right: 265.364+/-0.120 χ^2/NDF : 31359.6/4

In: 265.449+/-0.168 χ^2/NDF : 8145.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.364+/-0.120 χ^2/NDF : 31359.6/4

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2006.925+/-1890.697 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.848+/-1997.582 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

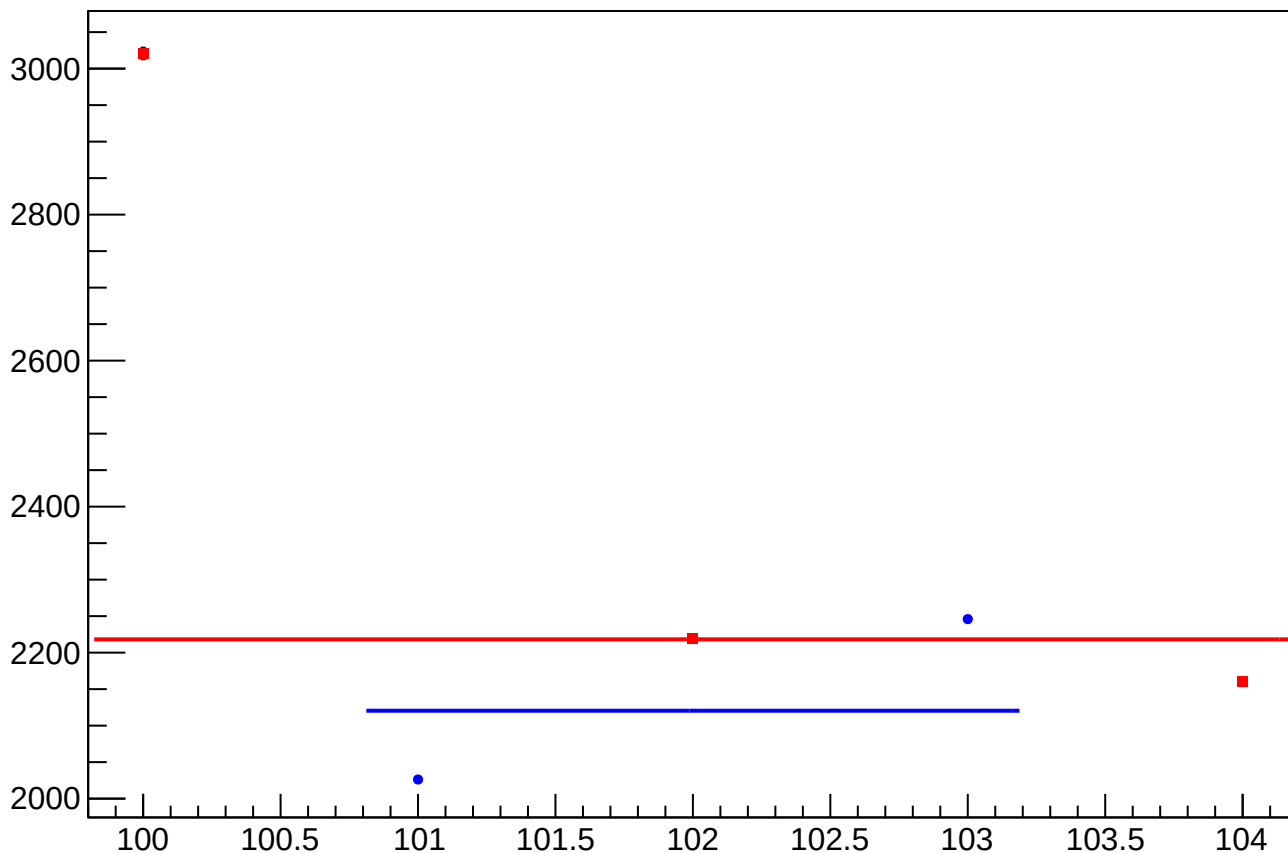
Right: -1018.024+/-1373.157 χ^2/NDF : 4.4/4

In: -2006.925+/-1890.697 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1018.024+/-1373.157 χ^2/NDF : 4.4/4

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: 2218.238+/-1.413 χ^2/NDF : 10974.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

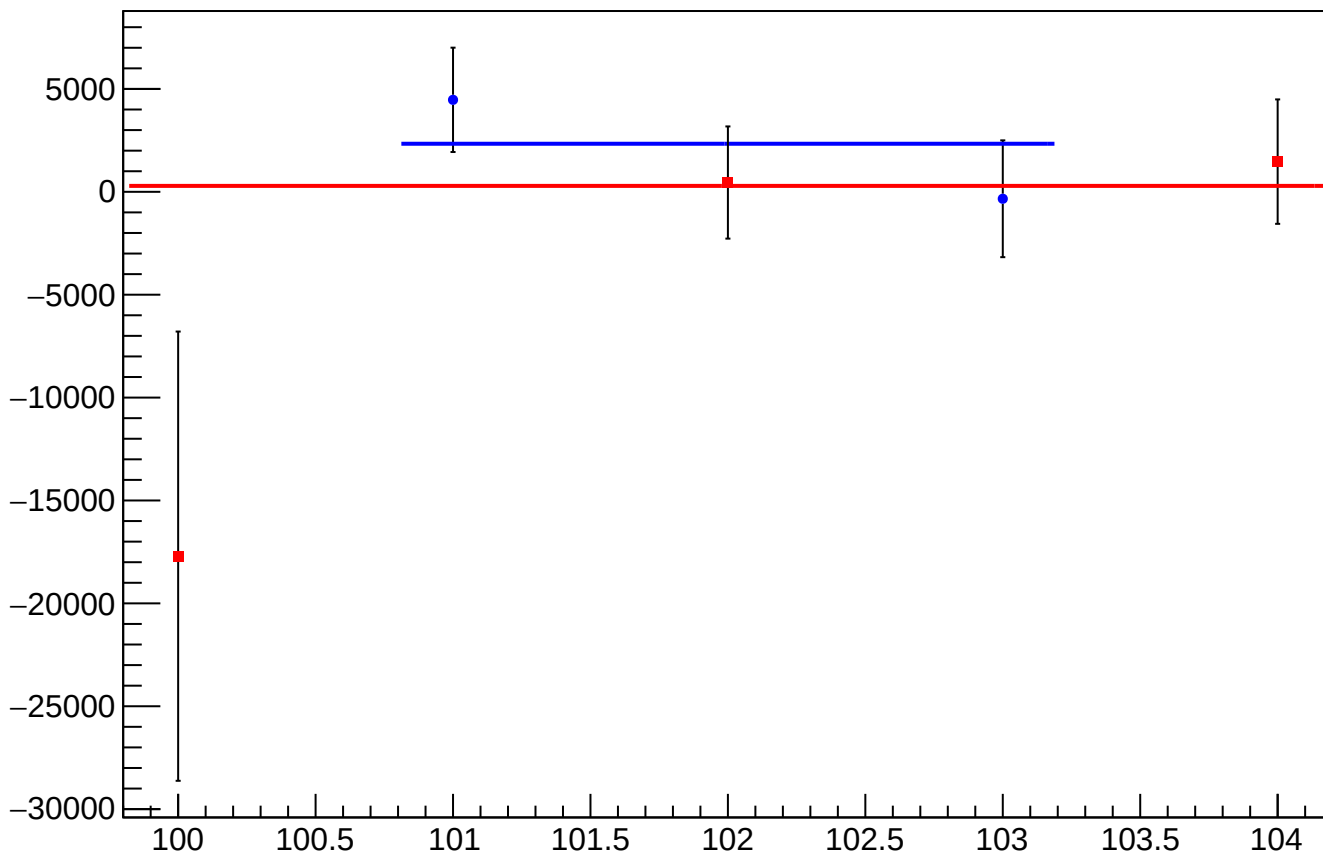
Right: 2166.649+/-0.971 χ^2/NDF : 20118.9/4

In: 2120.433+/-1.337 χ^2/NDF : 6615.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.649+/-0.971 χ^2/NDF : 20118.9/4

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 2335.962 $\pm$ 1890.730 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.118 $\pm$ 1990.598 χ^2 /NDF: 2.9/2

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

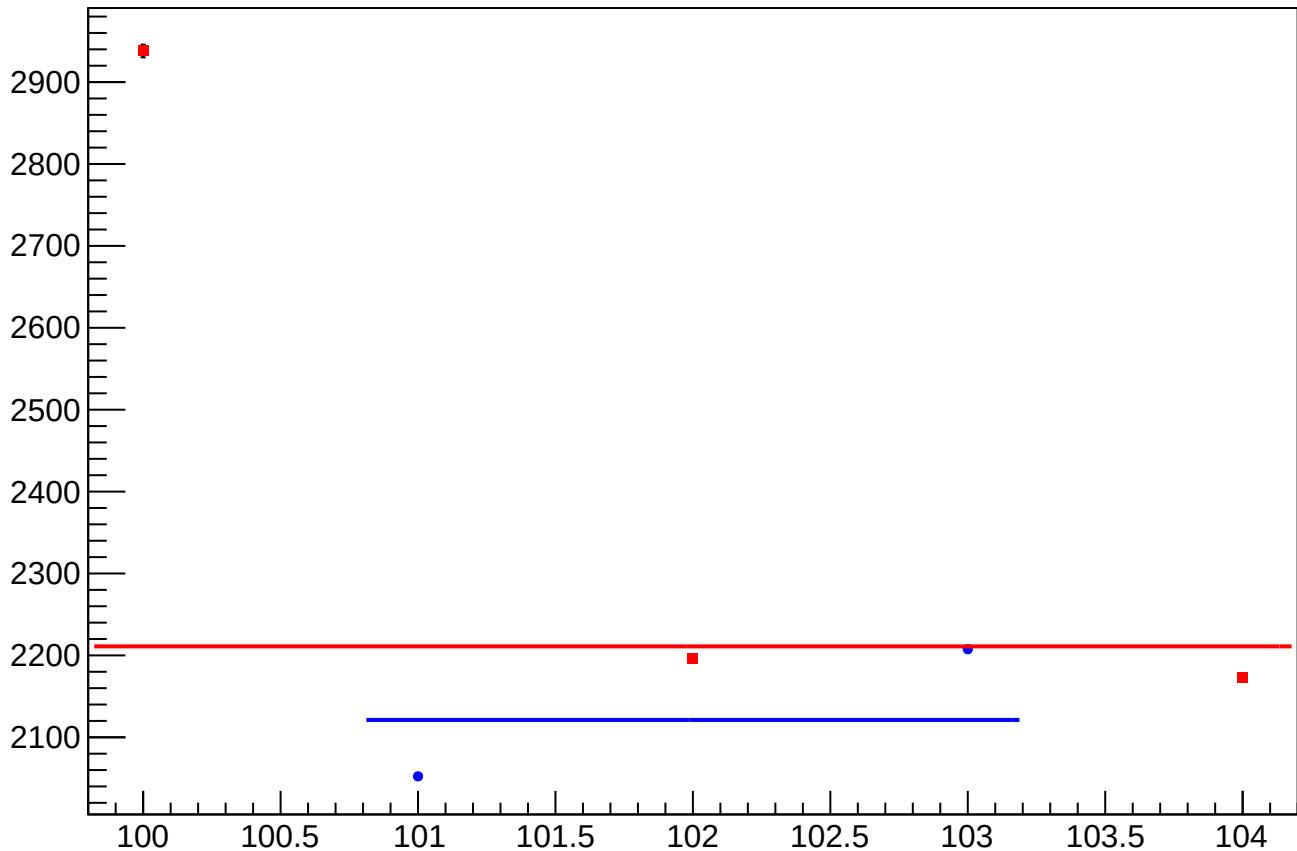
Right: 1364.696 $\pm$ 1370.895 χ^2 /NDF: 5.0/4

In: 2335.962 $\pm$ 1890.730 χ^2 /NDF:1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1364.696 $\pm$ 1370.895 χ^2 /NDF: 5.0/4

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 2121.200 ± 1.337 $\chi^2/\text{NDF}: 3323.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2211.015 ± 1.408 $\chi^2/\text{NDF}: 9240.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

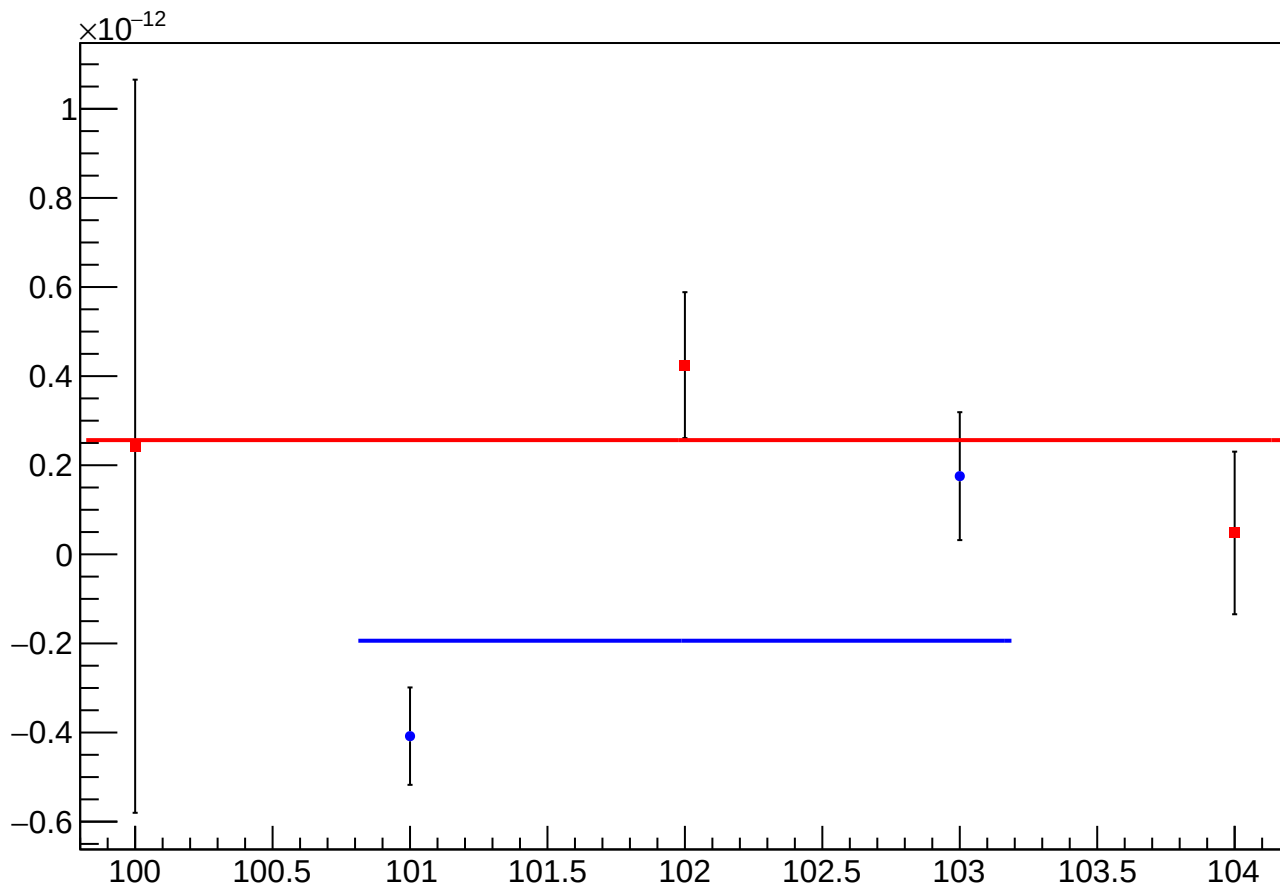
Right: 2163.798 ± 0.969 $\chi^2/\text{NDF}: 14704.5/4$

In: 2121.200 ± 1.337 $\chi^2/\text{NDF}: 3323.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2163.798 ± 0.969 $\chi^2/\text{NDF}: 14704.5/4$

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 : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

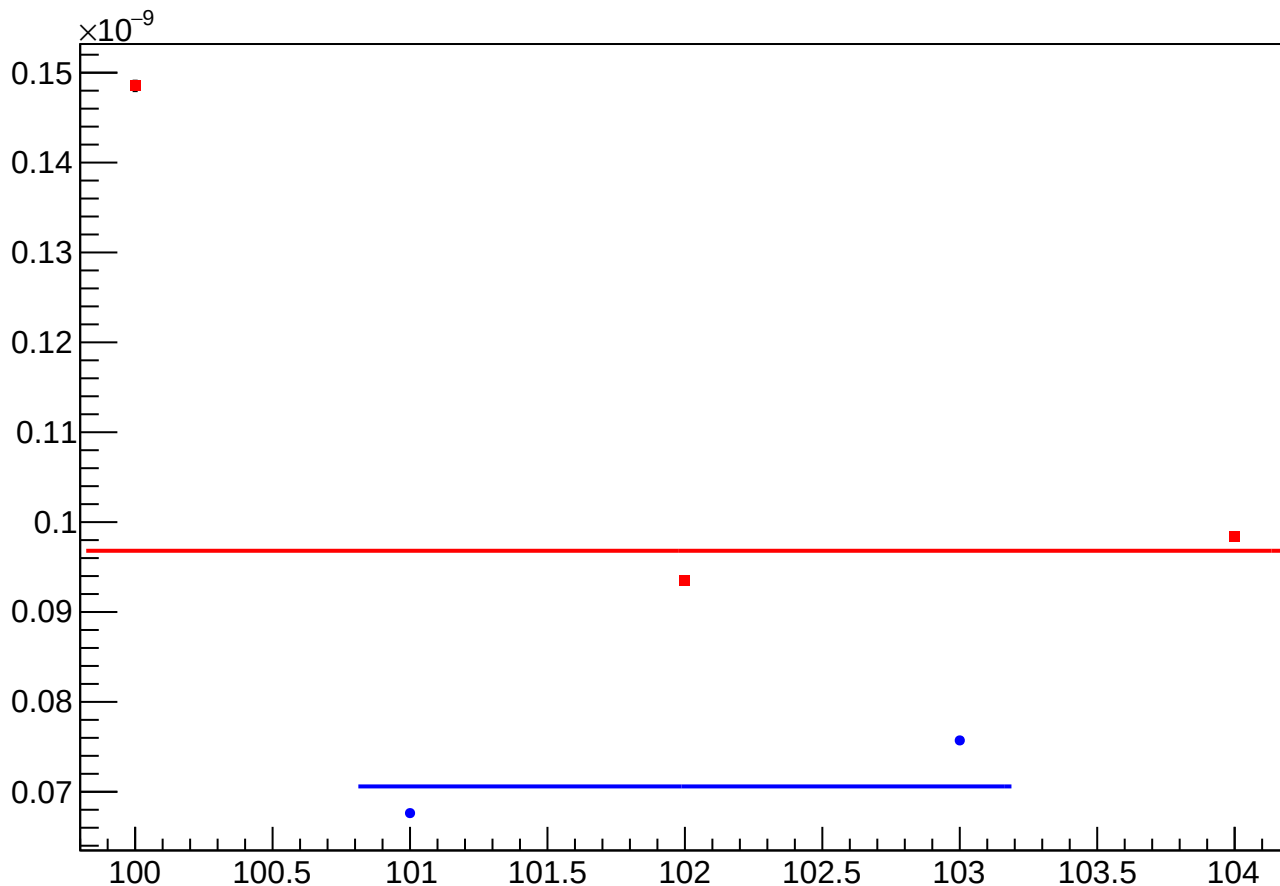
Right: -0.000+/-0.000 χ^2/NDF : 22.0/4

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 : 22.0/4

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 : 8850.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

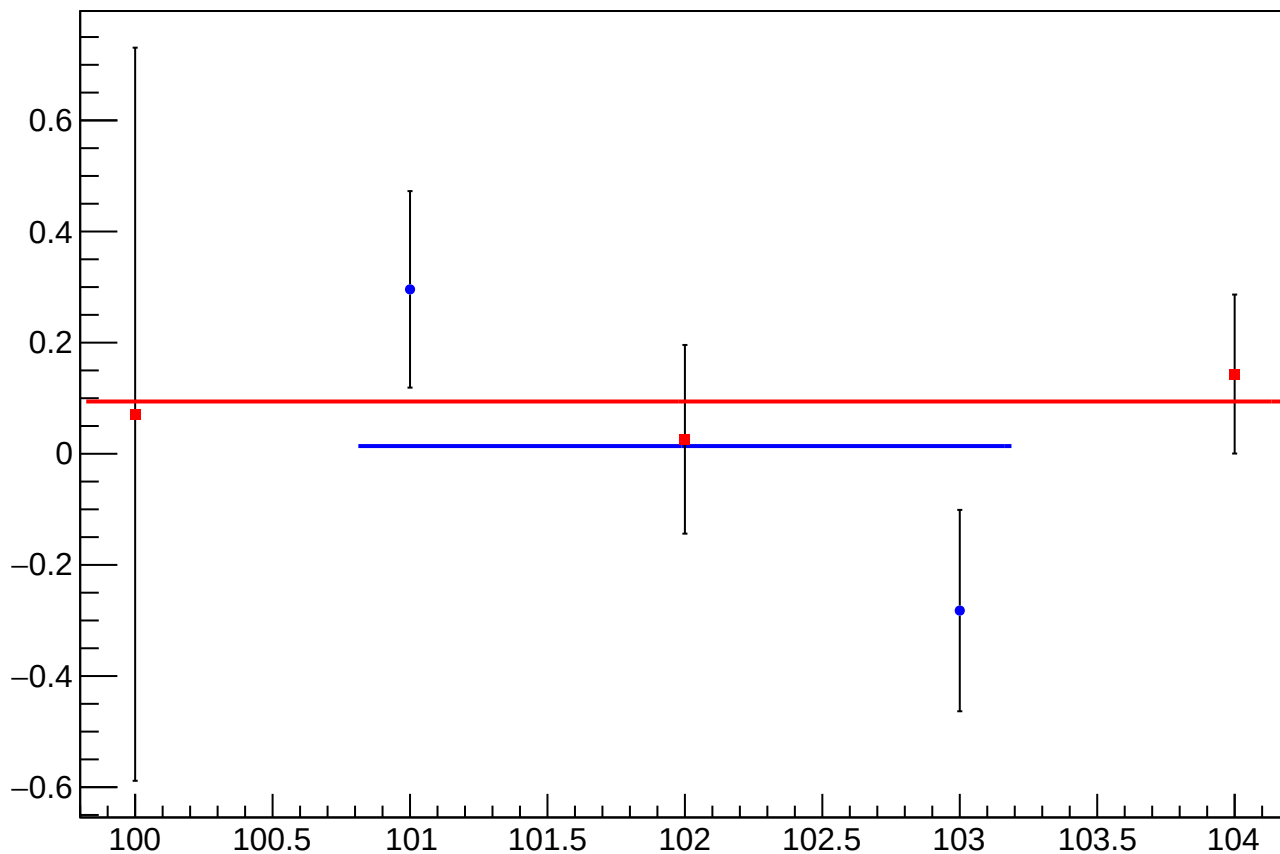
Right: 0.000+/-0.000 χ^2/NDF : 75069.4/4

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 : 75069.4/4

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: 0.094 $\pm$ 0.108 χ^2 /NDF: 0.3/2

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

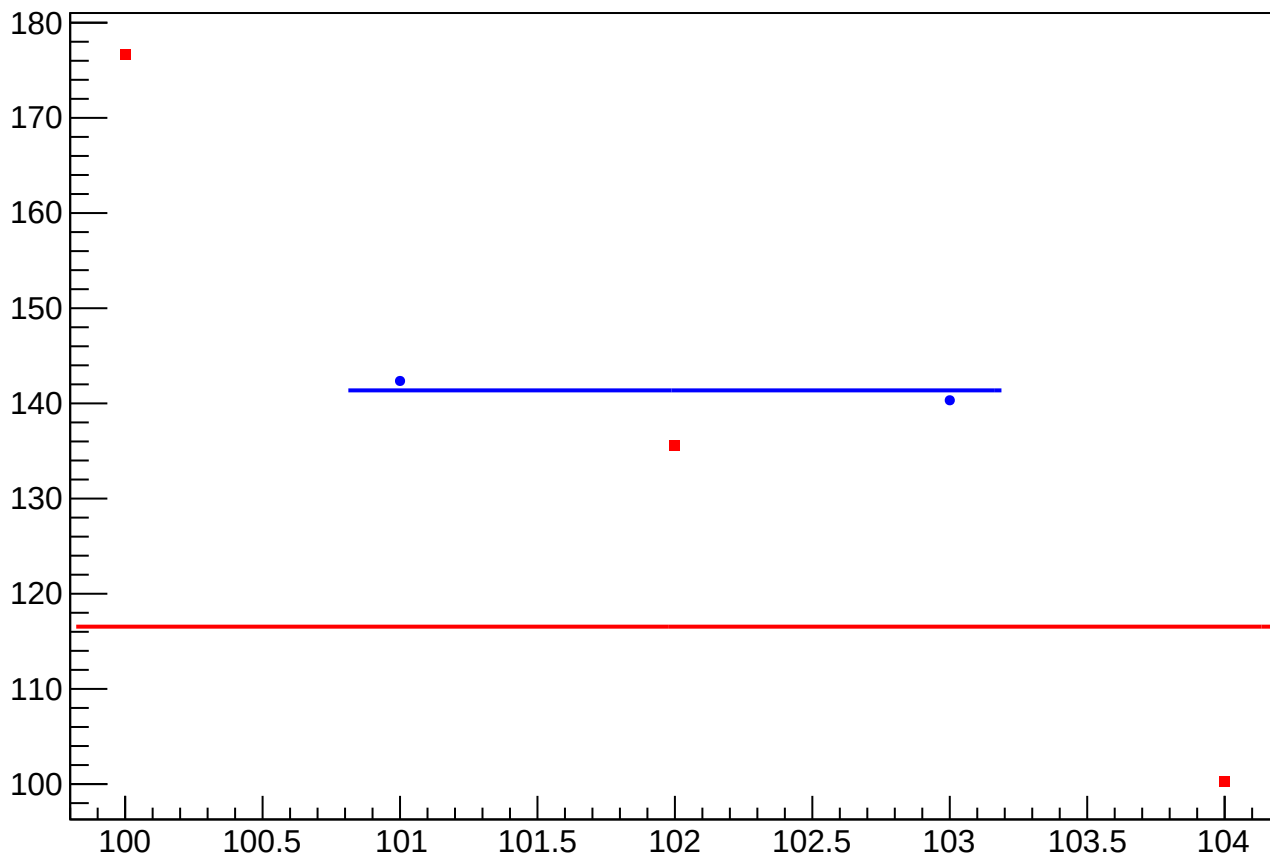
Right: 0.060 $\pm$ 0.082 χ^2 /NDF: 5.7/4

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: 0.060 $\pm$ 0.082 χ^2 /NDF: 5.7/4

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.368 $\pm$ 0.089 χ^2 /NDF: 128.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.542 $\pm$ 0.076 χ^2 /NDF: 67618.9/2

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

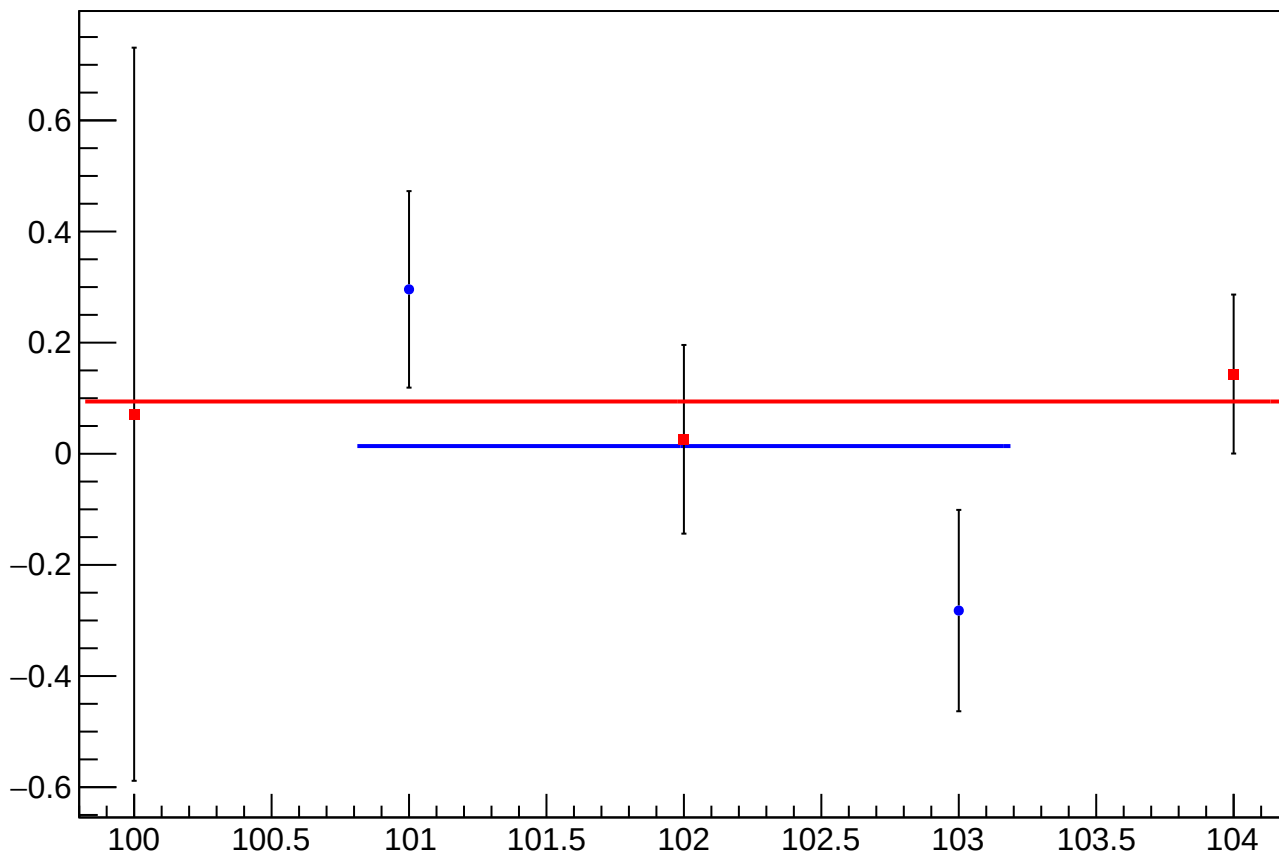
Right: 126.994 $\pm$ 0.058 χ^2 /NDF: 112309.6/4

In: 141.368 $\pm$ 0.089 χ^2 /NDF: 128.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.994 $\pm$ 0.058 χ^2 /NDF: 112309.6/4

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.094+/-0.108 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

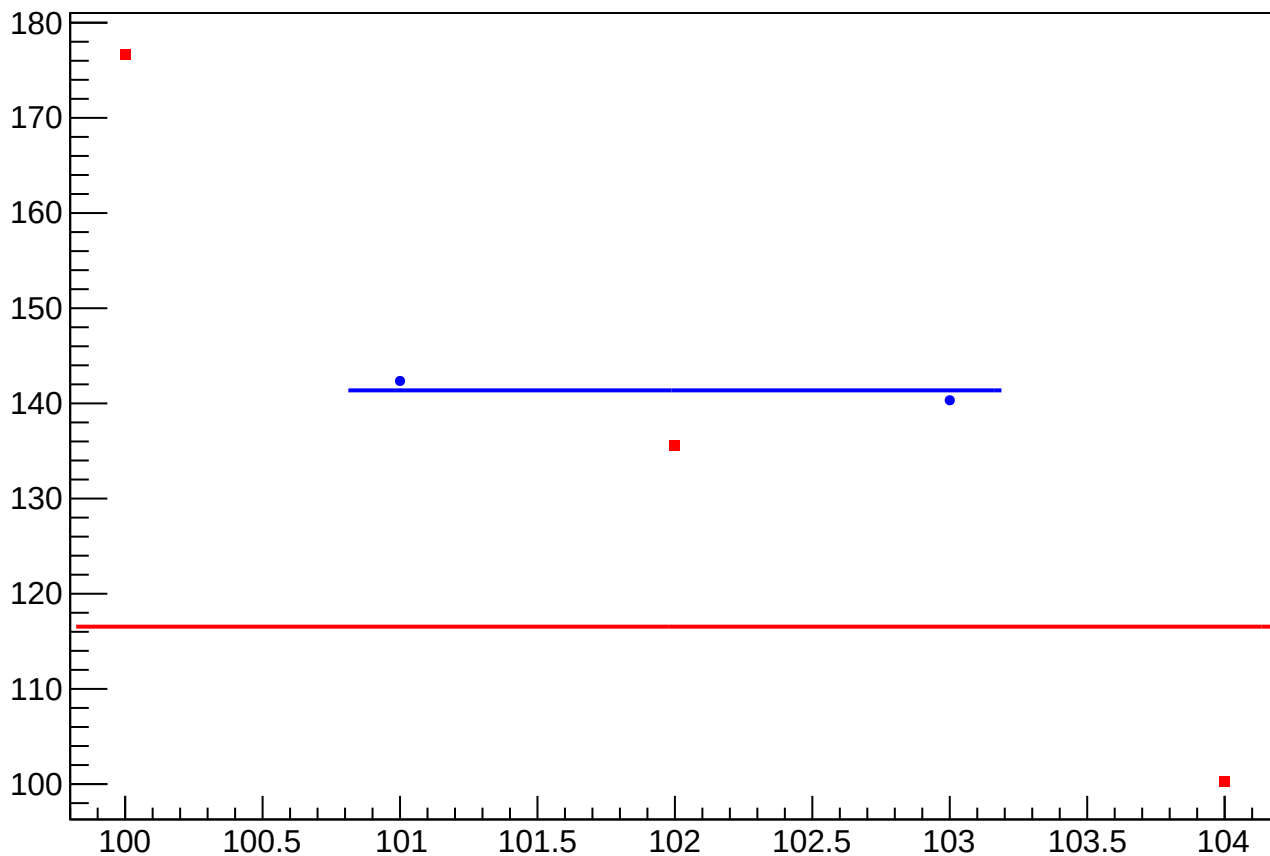
Right: 0.060+/-0.082 χ^2/NDF : 5.7/4

In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.082 χ^2/NDF : 5.7/4

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: 116.542+/-0.076 χ^2/NDF : 67618.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

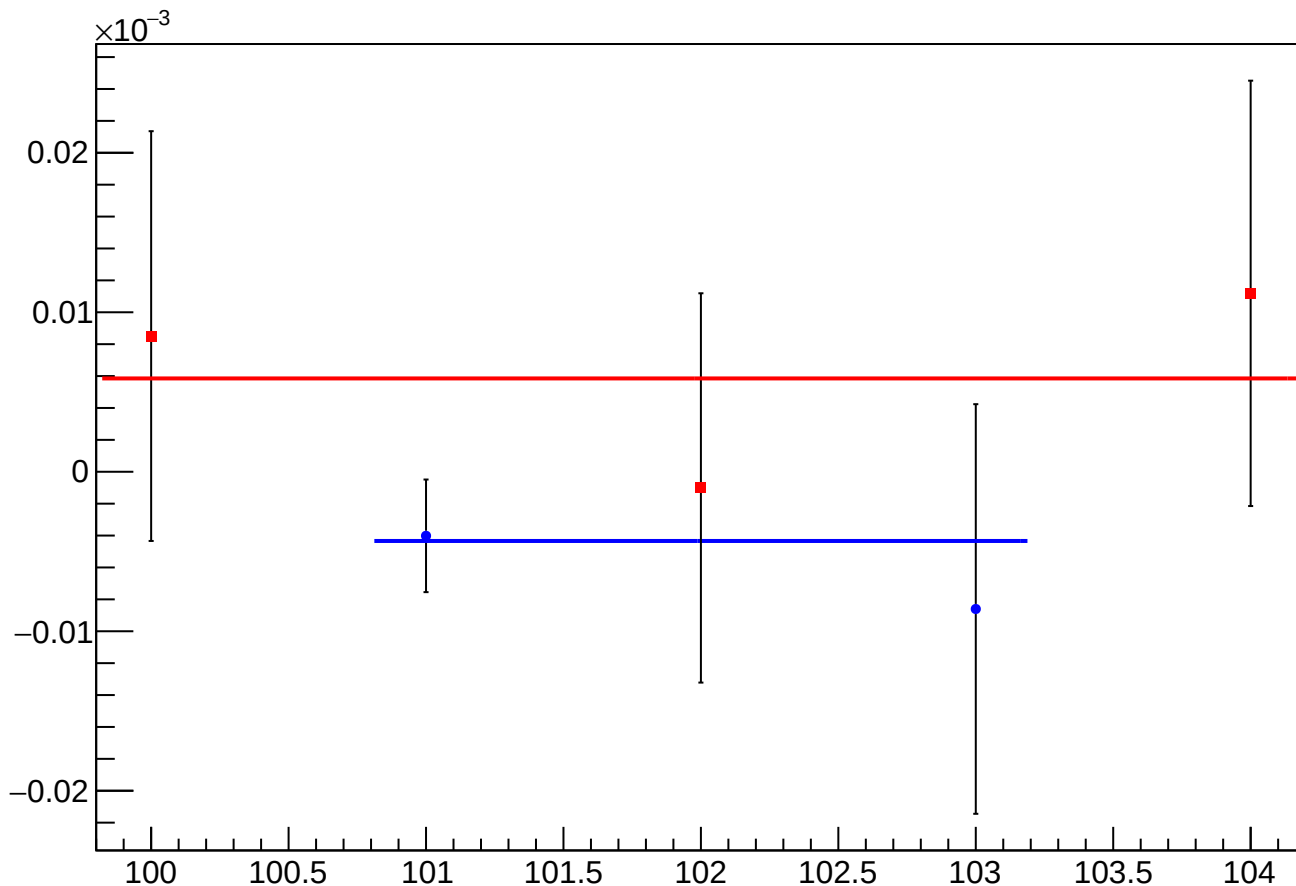
Right: 126.994+/-0.058 χ^2/NDF : 112309.6/4

In: 141.368+/-0.089 χ^2/NDF : 128.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.994+/-0.058 χ^2/NDF : 112309.6/4

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 : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

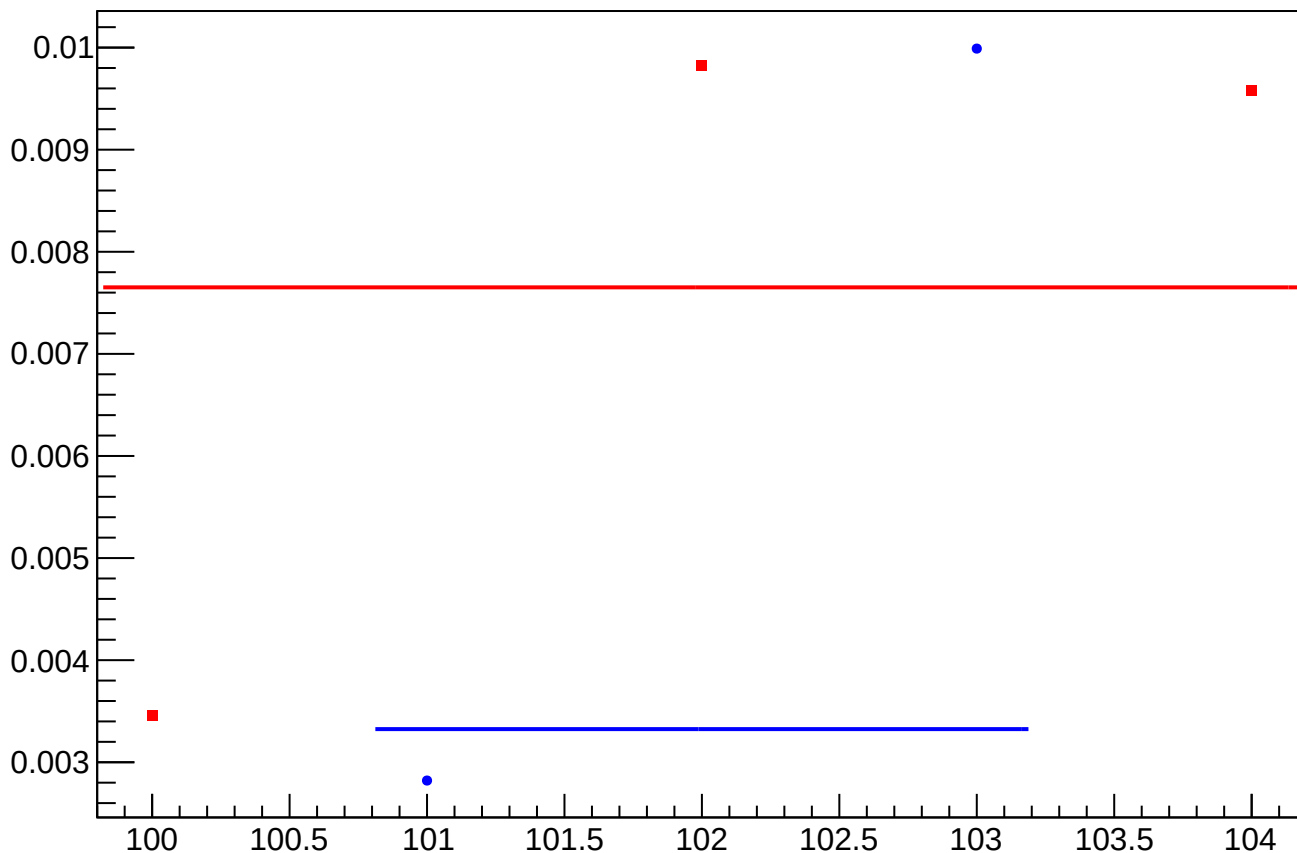
Right: -0.000+/-0.000 χ^2/NDF : 2.2/4

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 : 2.2/4

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: 0.008+/-0.000 χ^2/NDF : 318299.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

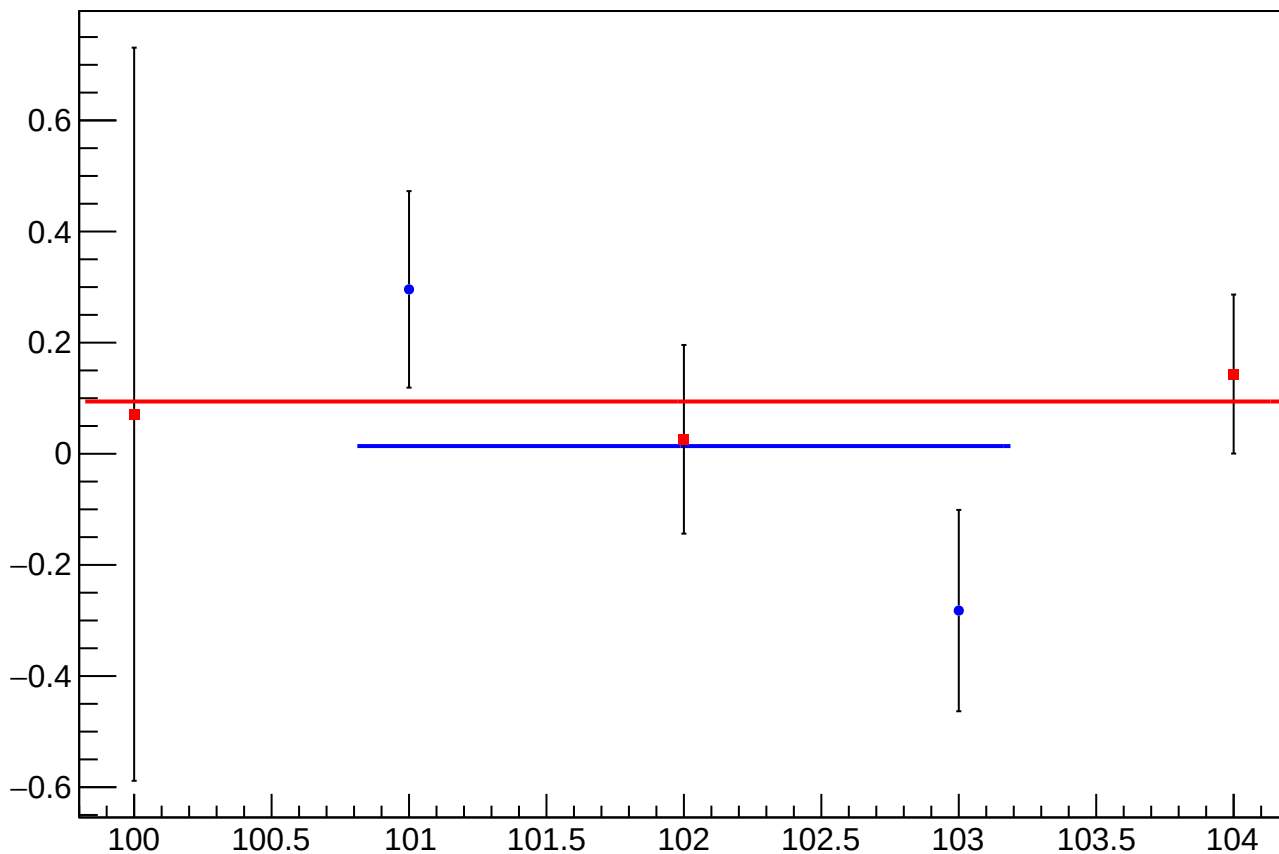
Right: 0.004+/-0.000 χ^2/NDF : 1465642.0/4

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 : 1465642.0/4

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.094+/-0.108 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

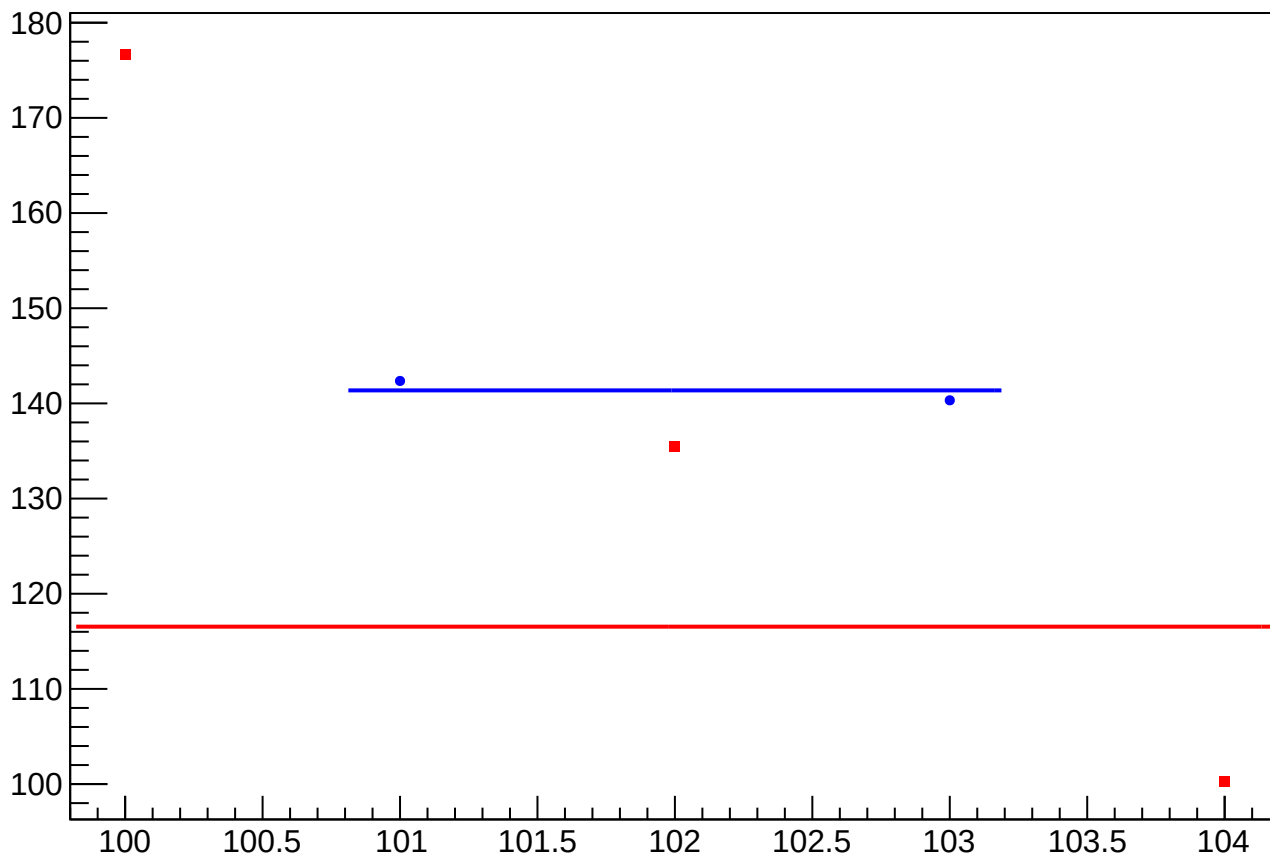
Right: 0.060+/-0.082 χ^2/NDF : 5.7/4

In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.082 χ^2/NDF : 5.7/4

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: 116.541+/-0.076 χ^2/NDF : 67616.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

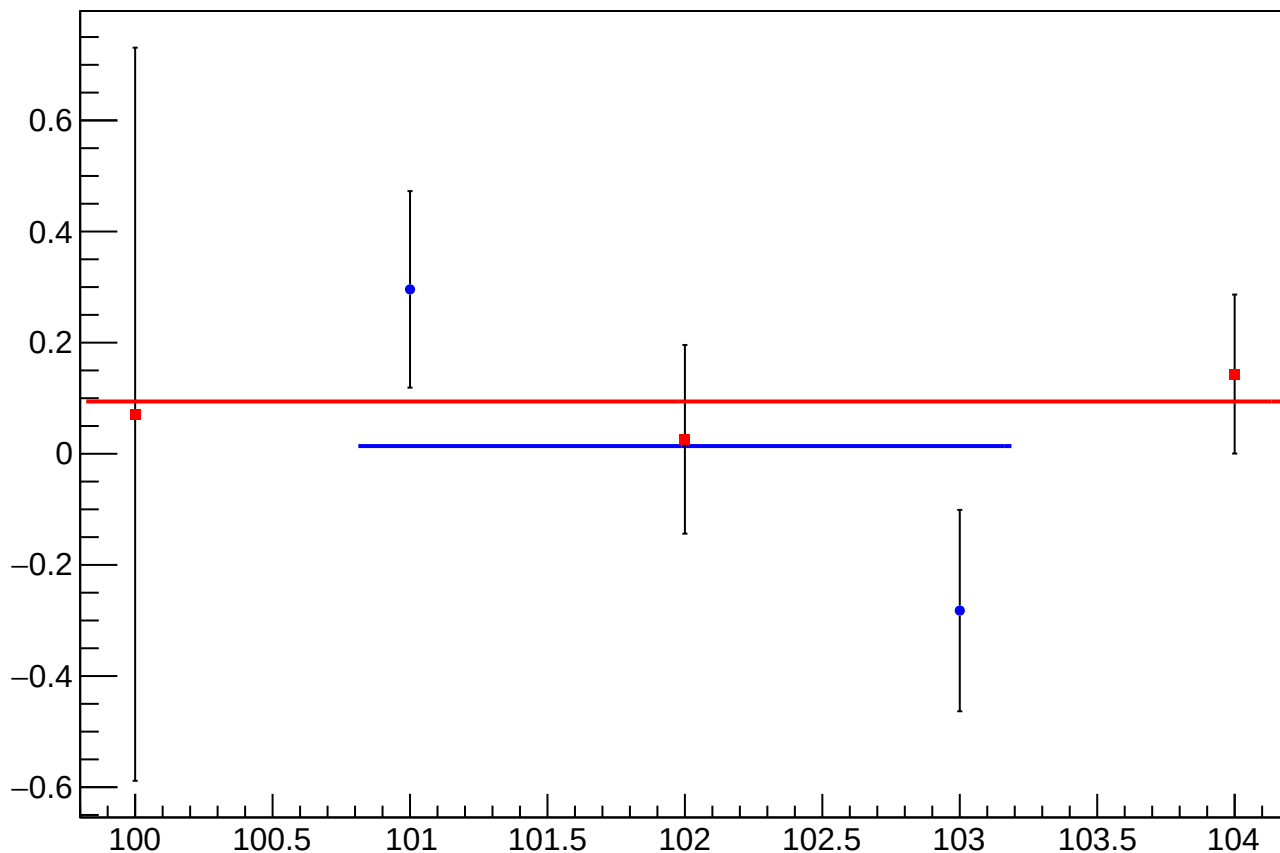
Right: 126.993+/-0.058 χ^2/NDF : 112306.5/4

In: 141.366+/-0.089 χ^2/NDF : 129.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.993+/-0.058 χ^2/NDF : 112306.5/4

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.094+/-0.108 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

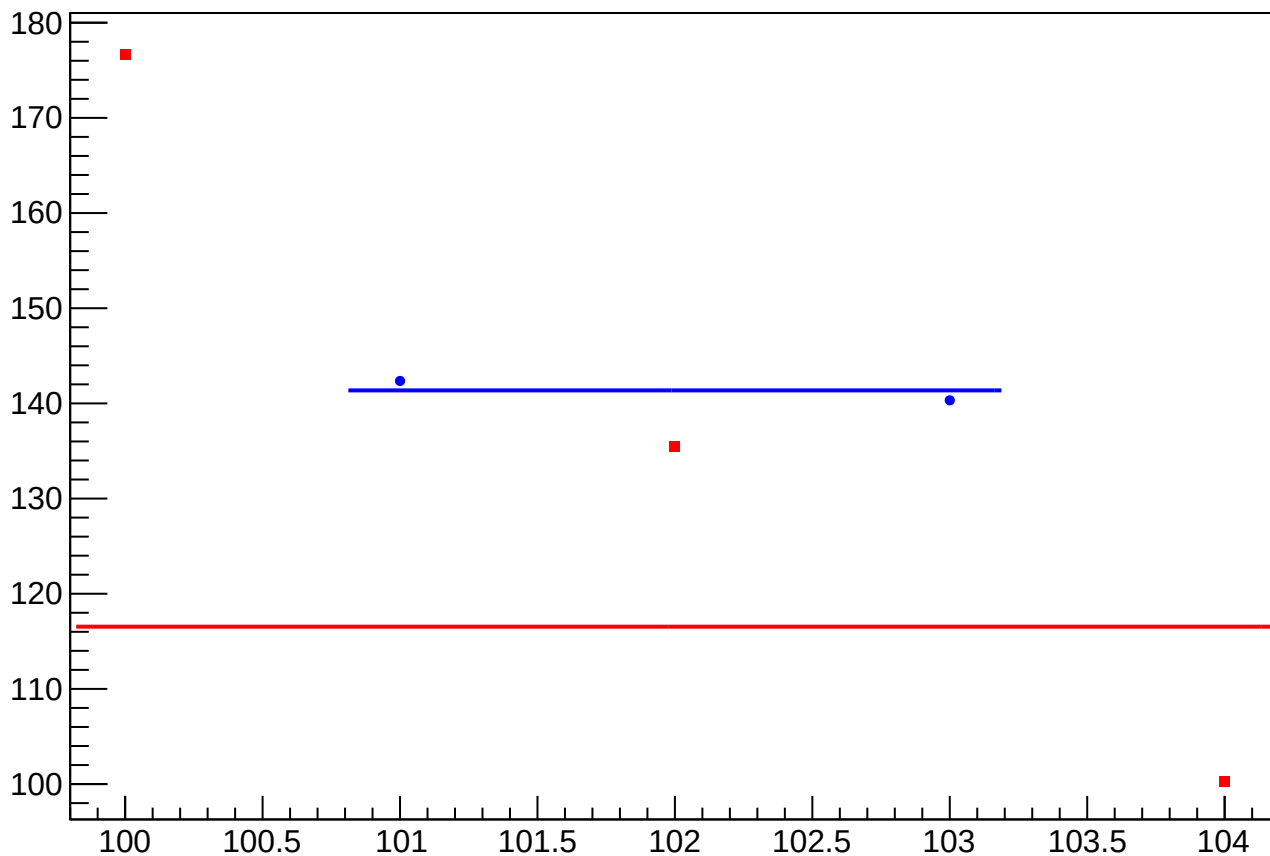
Right: 0.060+/-0.082 χ^2/NDF : 5.7/4

In: 0.014+/-0.127 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.060+/-0.082 χ^2/NDF : 5.7/4

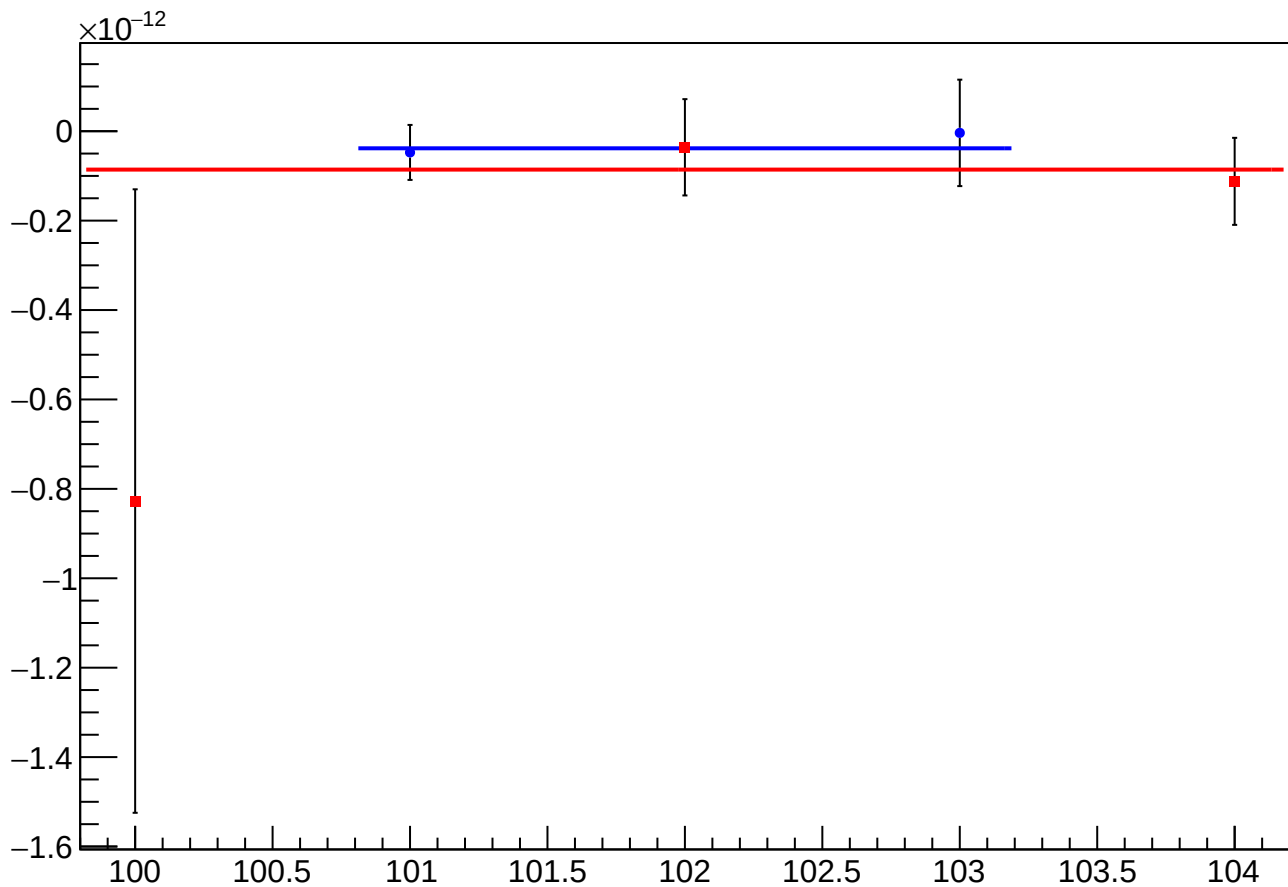
asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 141.366 ± 0.089 $\chi^2/\text{NDF}: 129.0/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 116.541 ± 0.076 $\chi^2/\text{NDF}: 67616.1/2$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 126.993 ± 0.058 $\chi^2/\text{NDF}: 112306.5/4$
 In: 141.366 ± 0.089 $\chi^2/\text{NDF}: 129.0/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 126.993 ± 0.058 $\chi^2/\text{NDF}: 112306.5/4$

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: 1.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

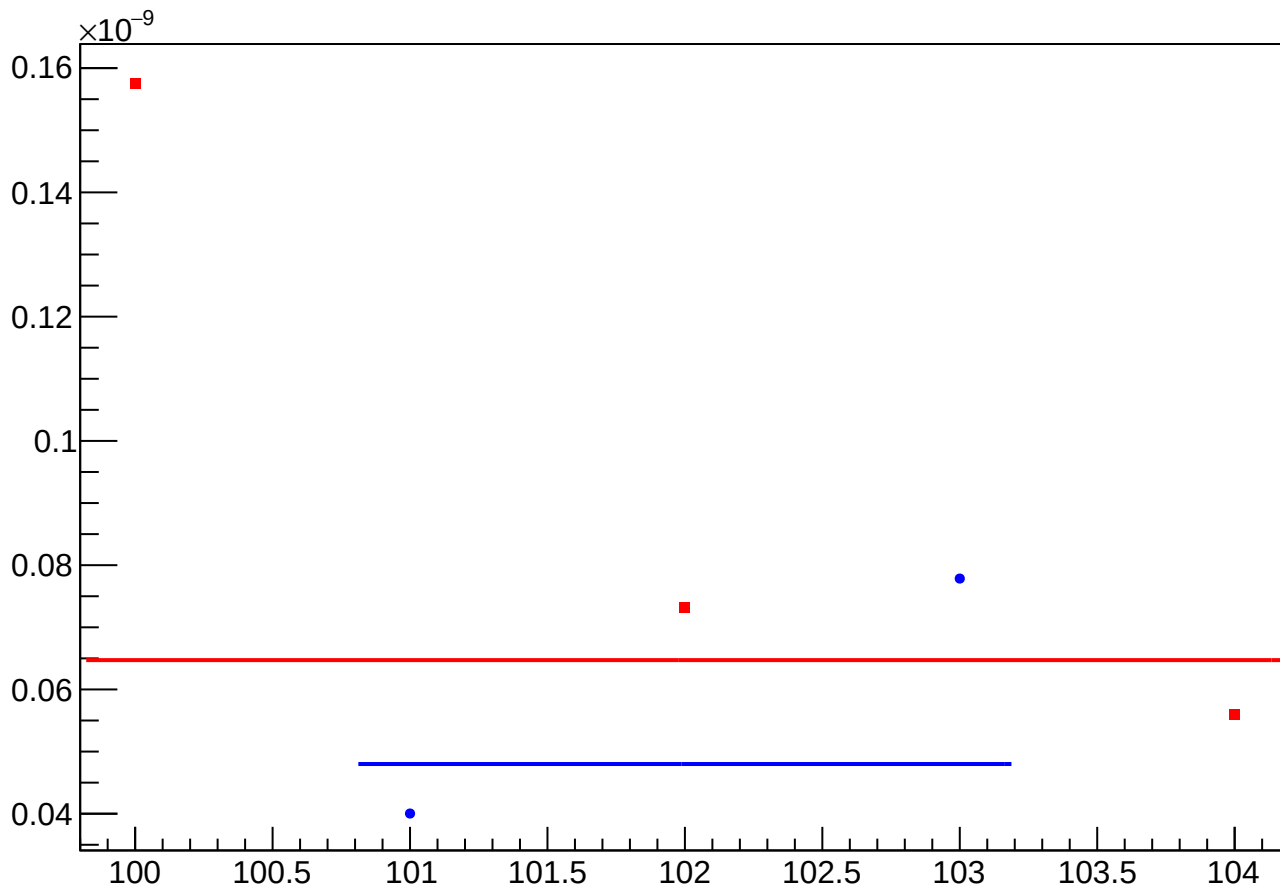
Right: -0.000+/-0.000 χ^2 /NDF: 1.8/4

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: 1.8/4

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 : 64174.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

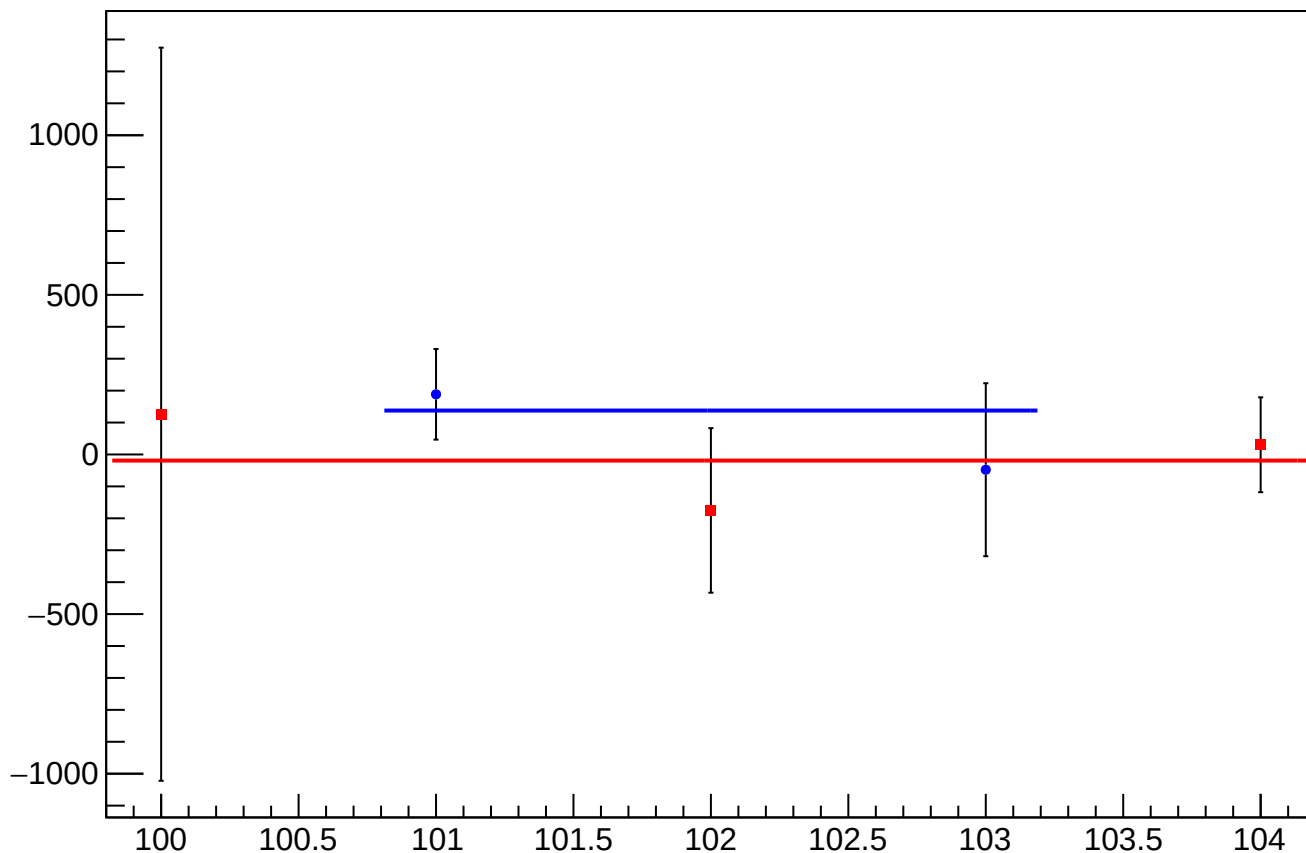
Right: 0.000+/-0.000 χ^2/NDF : 292174.9/4

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 : 292174.9/4

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 137.605+/-125.732 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.042+/-127.934 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

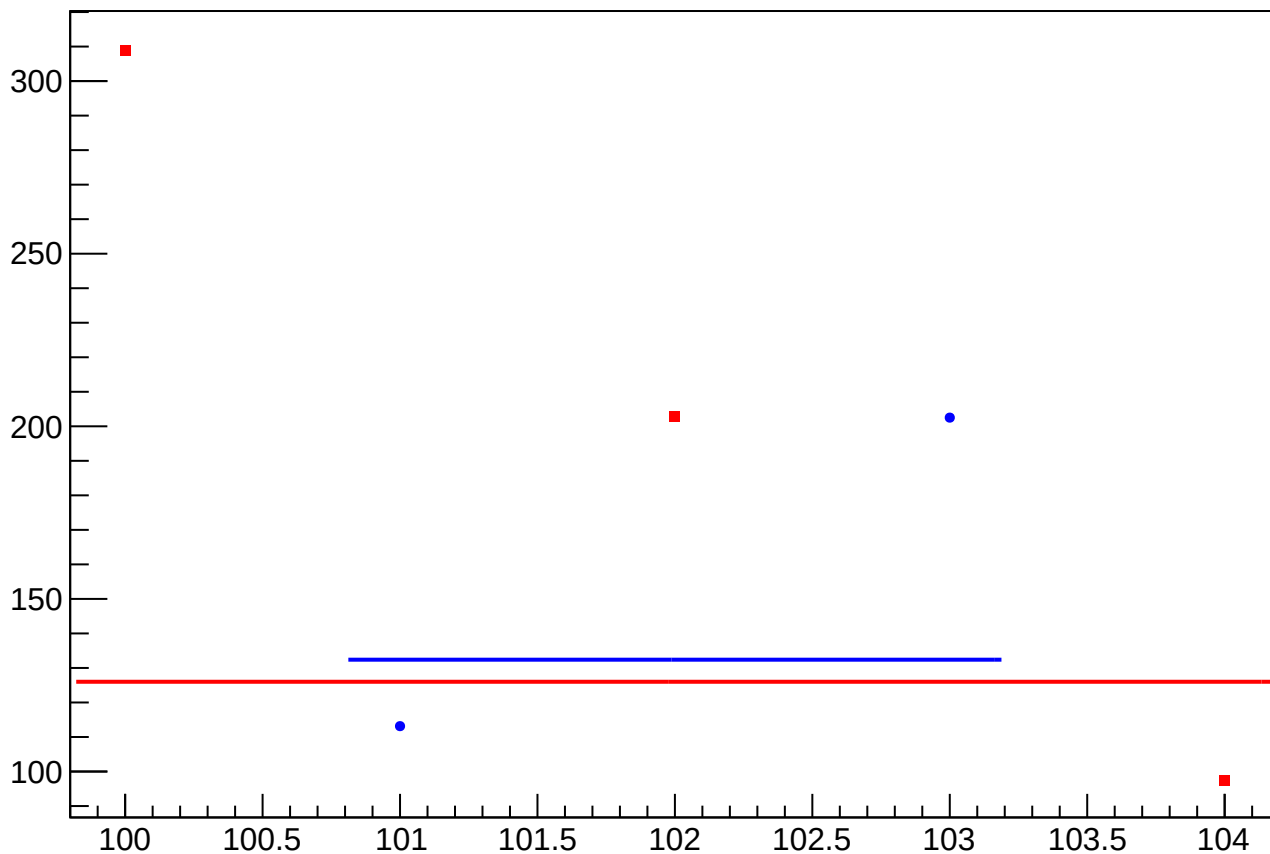
Right: 60.642+/-89.674 χ^2/NDF : 1.9/4

In: 137.605+/-125.732 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.642+/-89.674 χ^2/NDF : 1.9/4

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: 126.002+/-0.090 χ^2/NDF : 302270.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

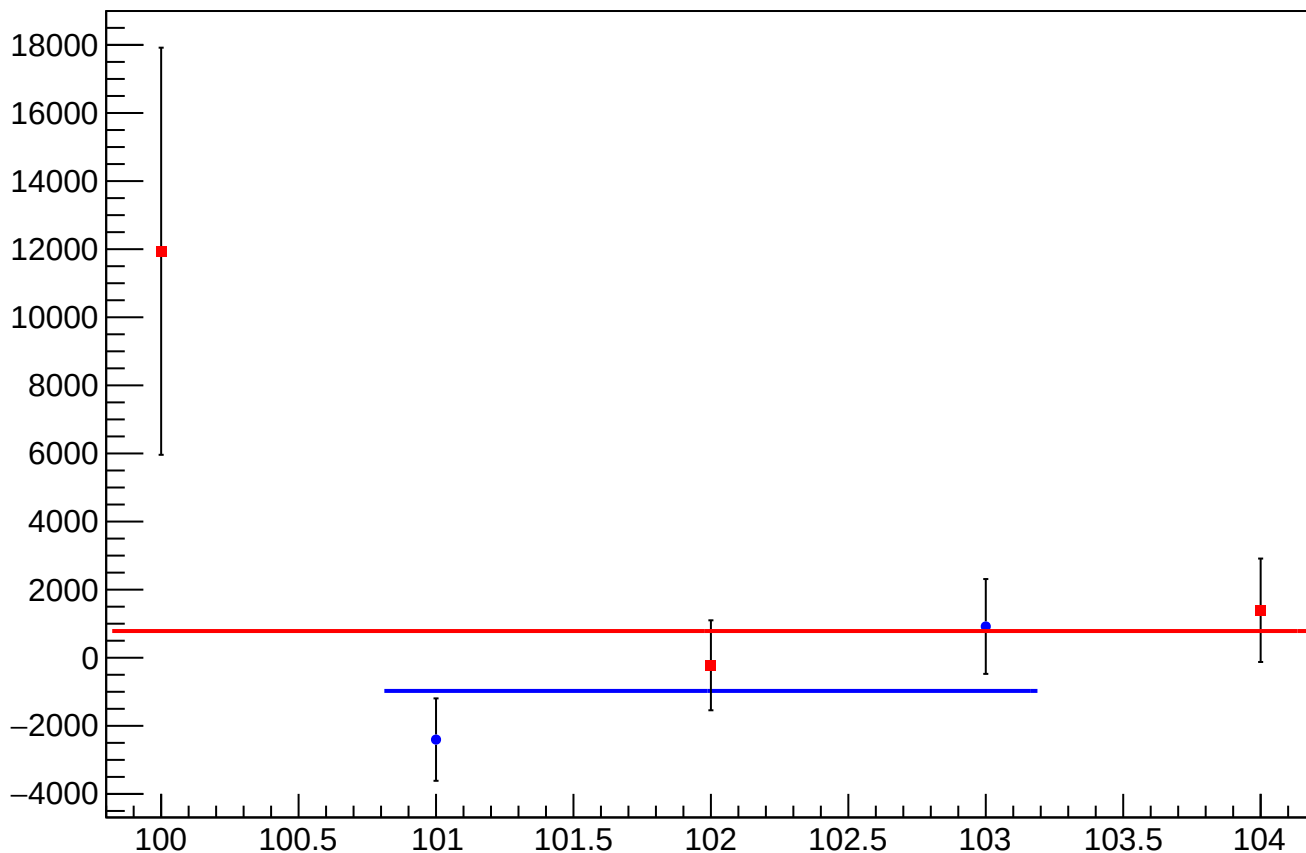
Right: 129.253+/-0.063 χ^2/NDF : 475562.6/4

In: 132.394+/-0.089 χ^2/NDF : 170752.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.253+/-0.063 χ^2/NDF : 475562.6/4

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: 784.508+/-983.272 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

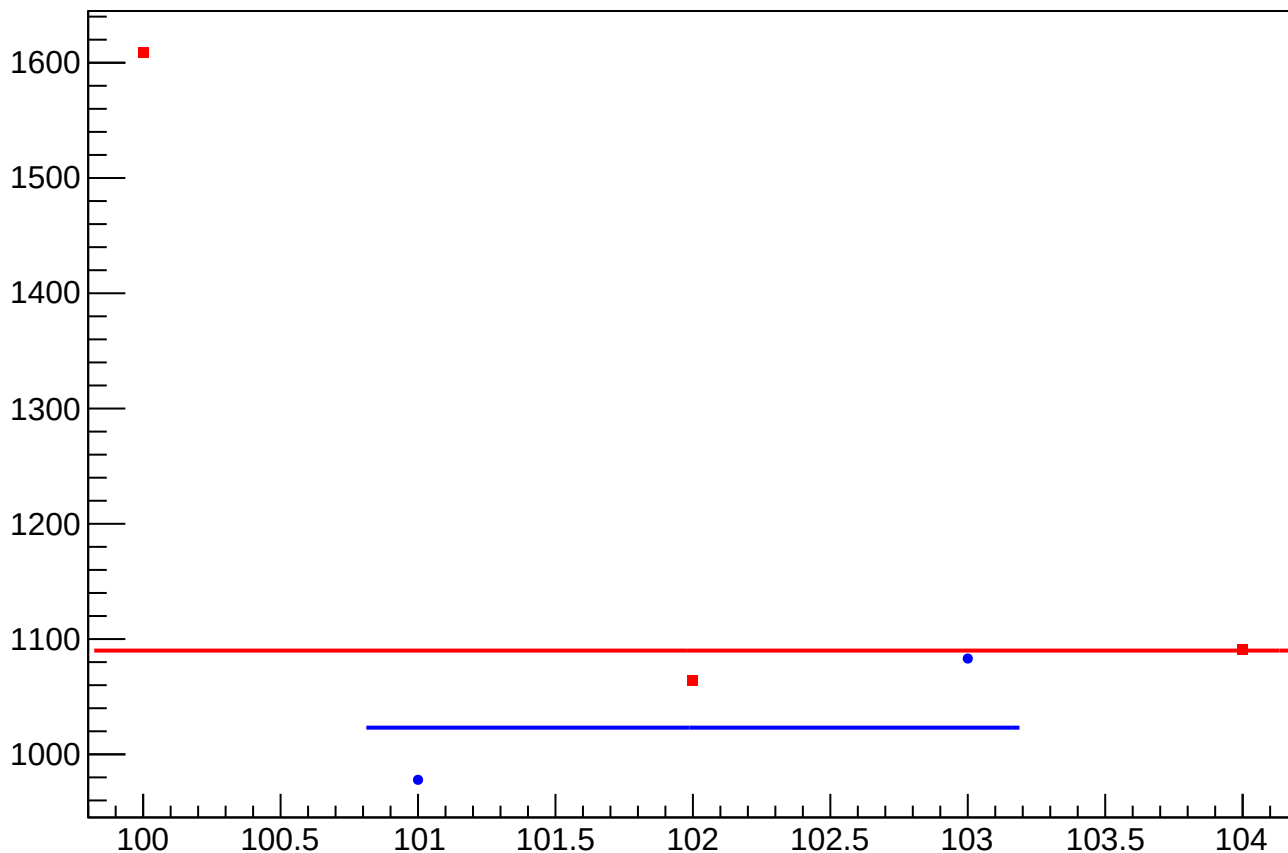
Right: -159.532+/-669.274 χ^2/NDF : 9.2/4

In: -974.456+/-913.560 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.532+/-669.274 χ^2/NDF : 9.2/4

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: 1090.014+/-0.695 χ^2/NDF : 15841.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

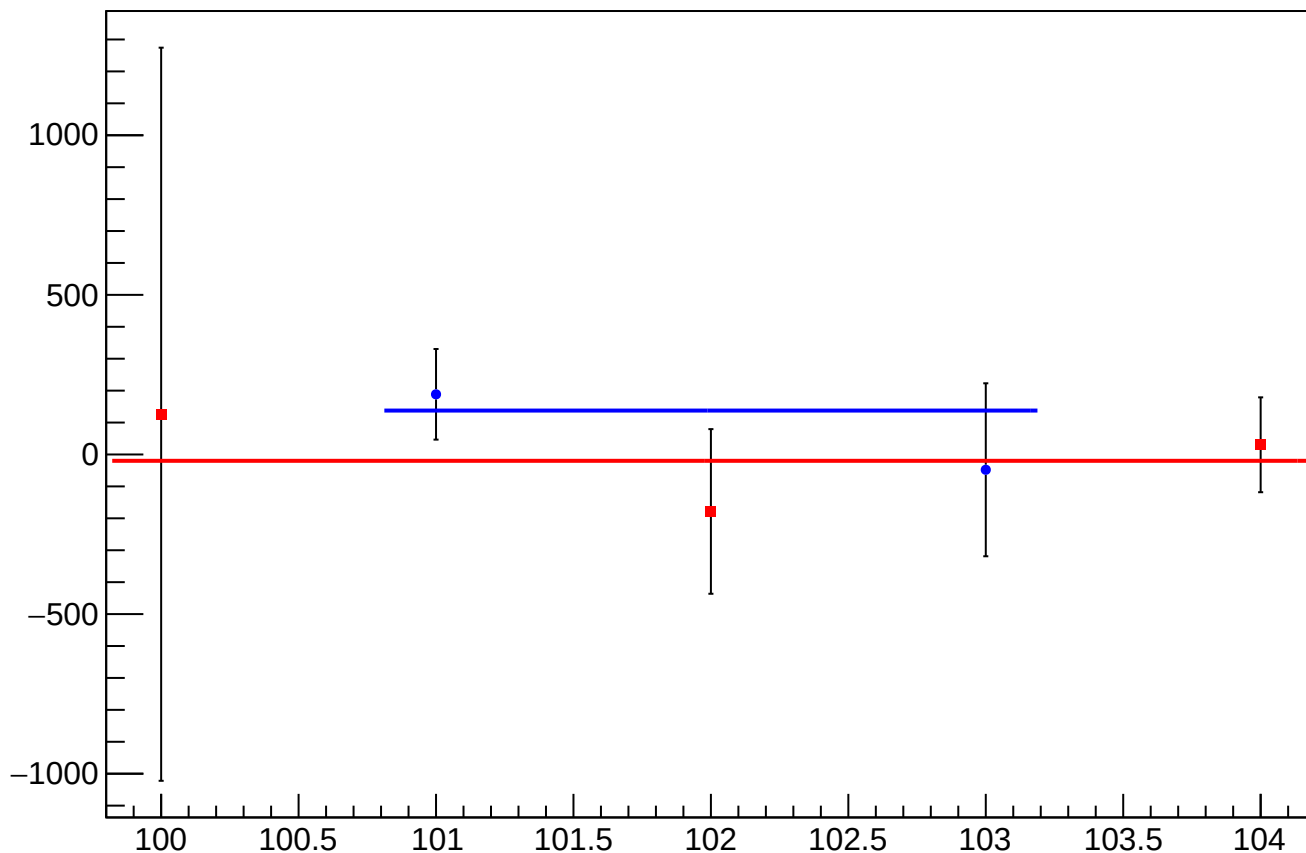
Right: 1054.132+/-0.473 χ^2/NDF : 27305.4/4

In: 1023.158+/-0.646 χ^2/NDF : 6501.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.132+/-0.473 χ^2/NDF : 27305.4/4

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: -19.852 $\pm$ 127.949 χ^2 /NDF: 0.5/2

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

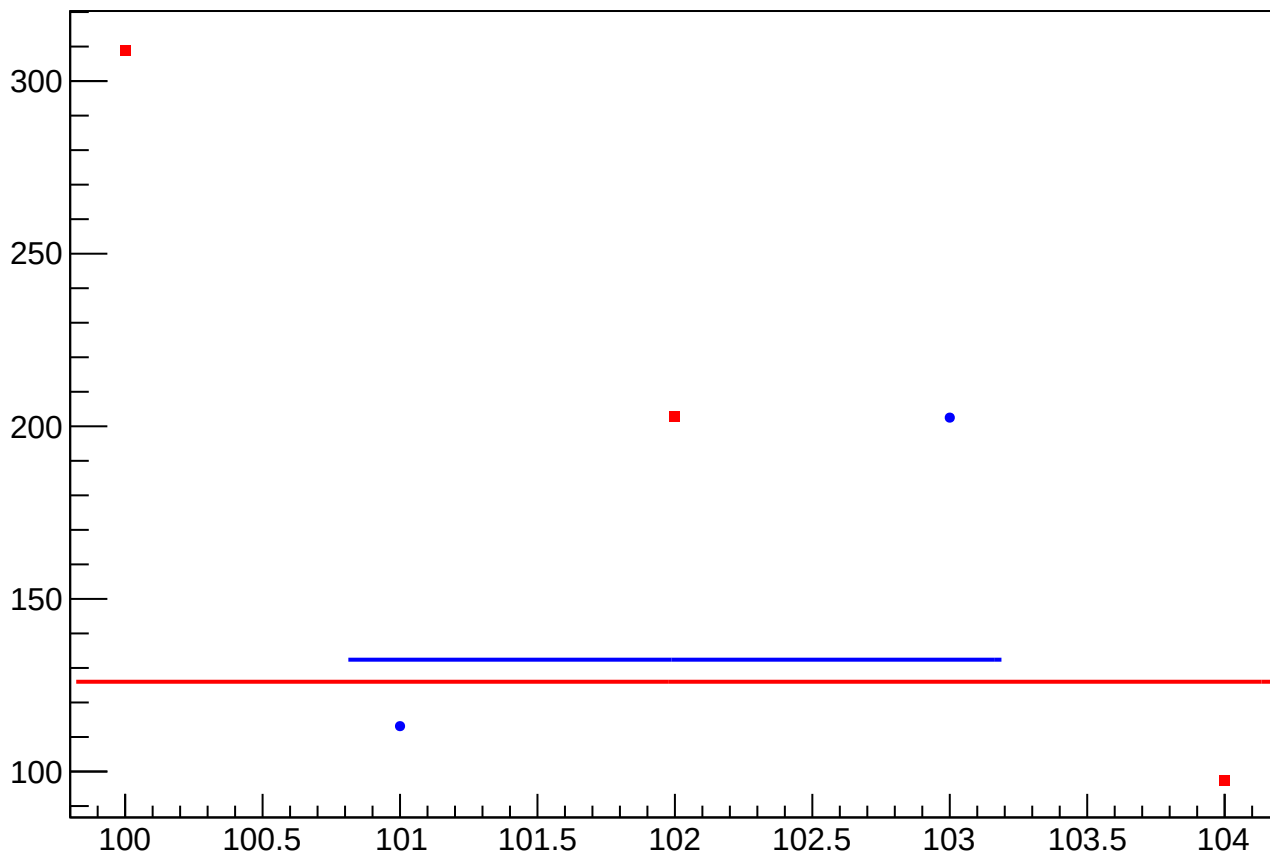
Right: 60.232 $\pm$ 89.680 χ^2 /NDF: 1.9/4

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: 60.232 $\pm$ 89.680 χ^2 /NDF: 1.9/4

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 132.394 $\pm$ 0.089 χ^2 /NDF: 170755.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.006 $\pm$ 0.090 χ^2 /NDF: 302504.1/2

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

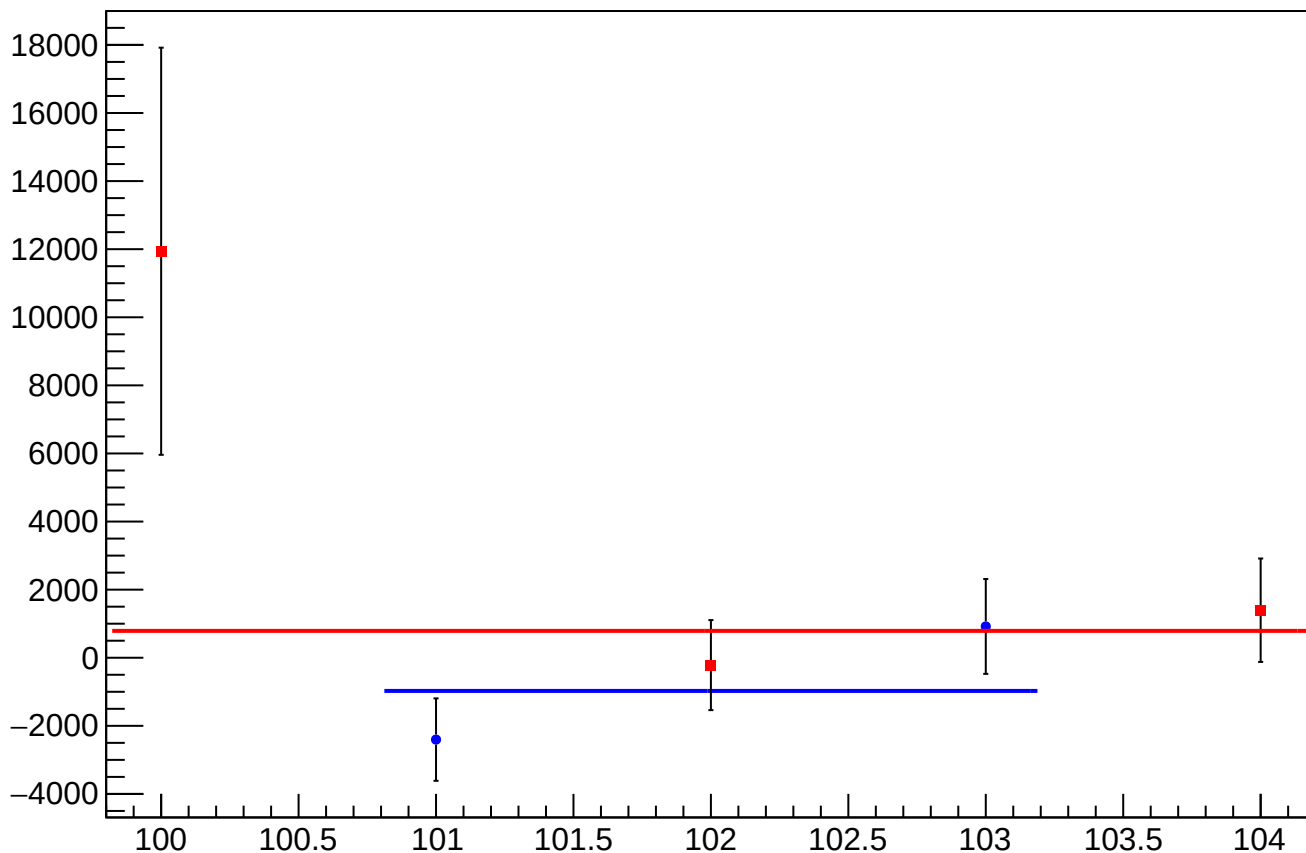
Right: 129.256 $\pm$ 0.063 χ^2 /NDF: 475795.3/4

In: 132.394 $\pm$ 0.089 χ^2 /NDF:170755.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 129.256 $\pm$ 0.063 χ^2 /NDF: 475795.3/4

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: 789.141+/-983.738 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

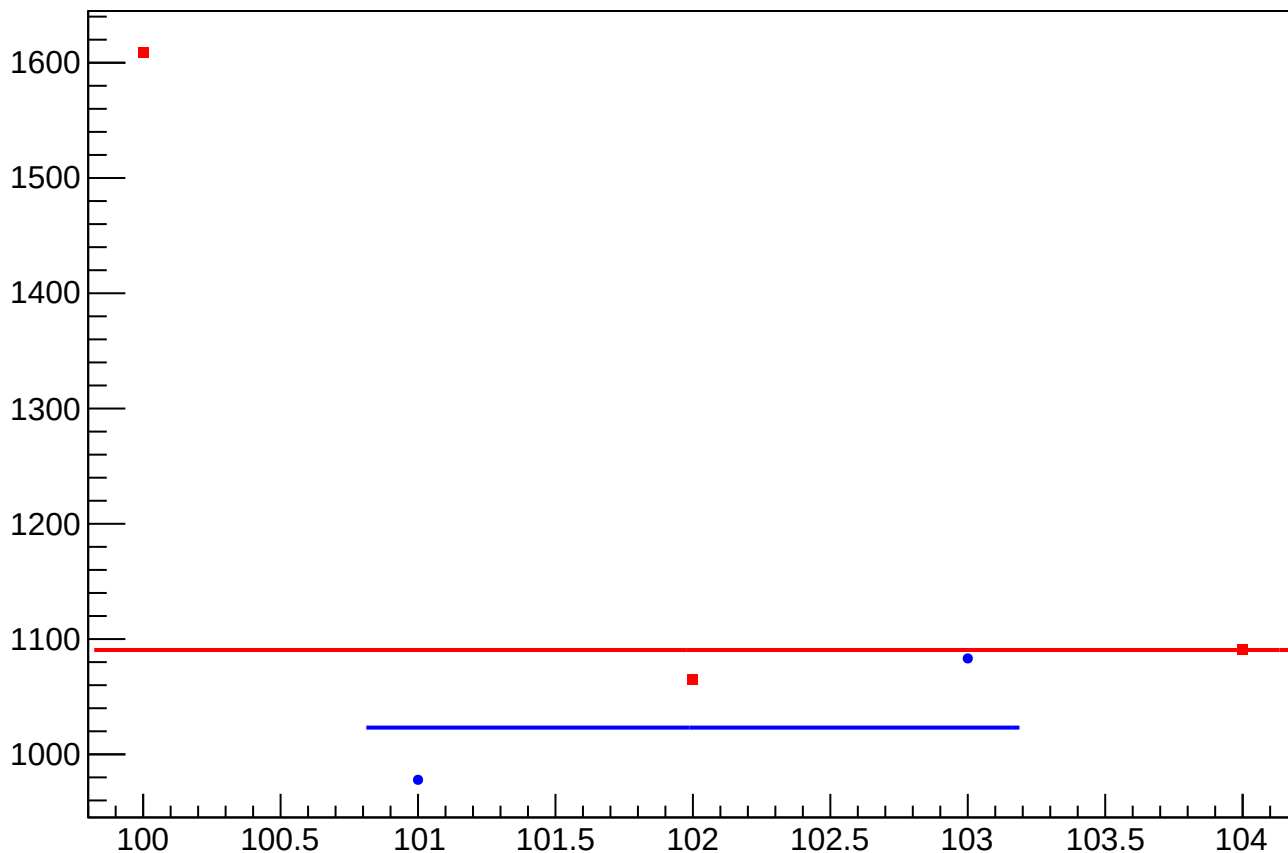
Right: -157.751+/-669.437 χ^2/NDF : 9.2/4

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.751+/-669.437 χ^2/NDF : 9.2/4

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: 1090.521+/-0.696 χ^2/NDF : 15791.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

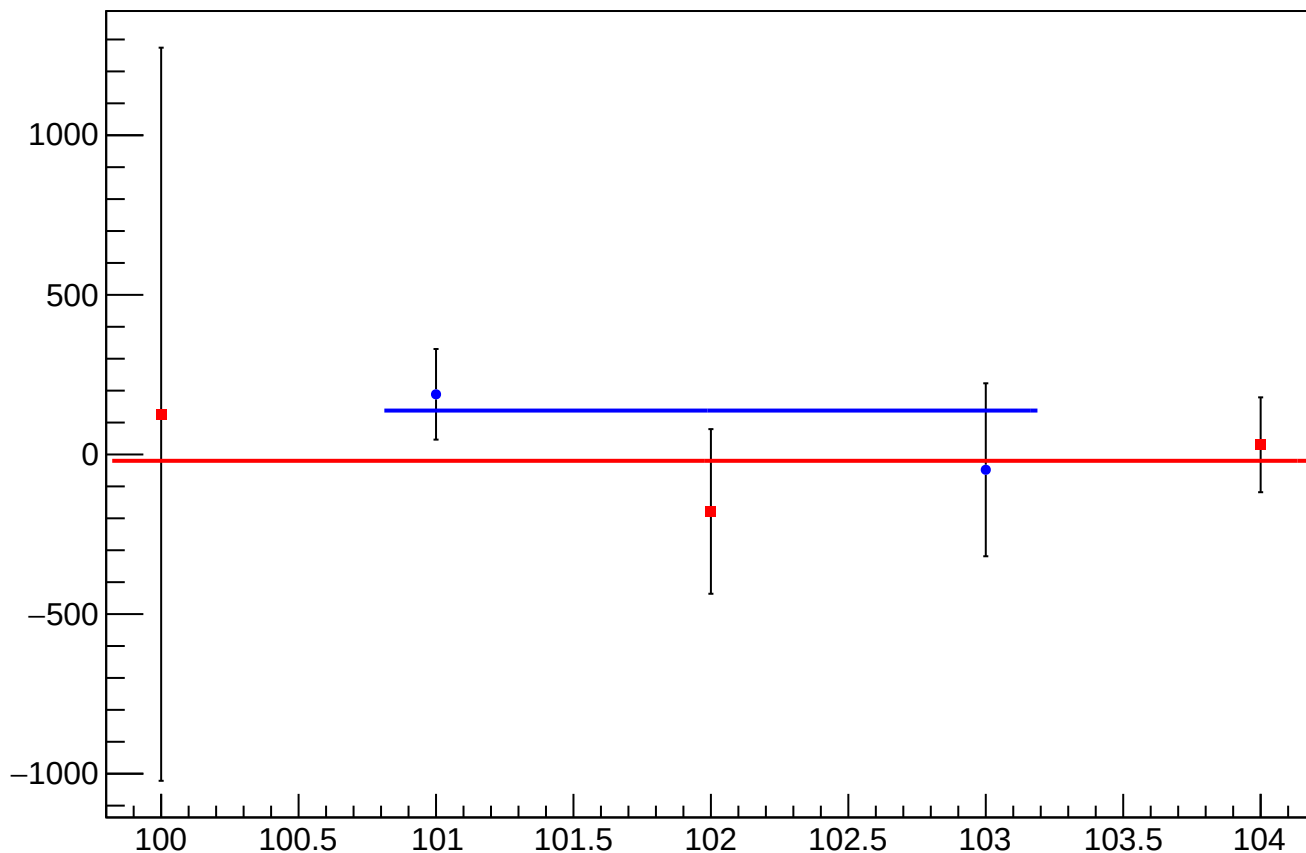
Right: 1054.376+/-0.473 χ^2/NDF : 27334.3/4

In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.376+/-0.473 χ^2/NDF : 27334.3/4

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: -19.852 $\pm$ 127.949 χ^2 /NDF: 0.5/2

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

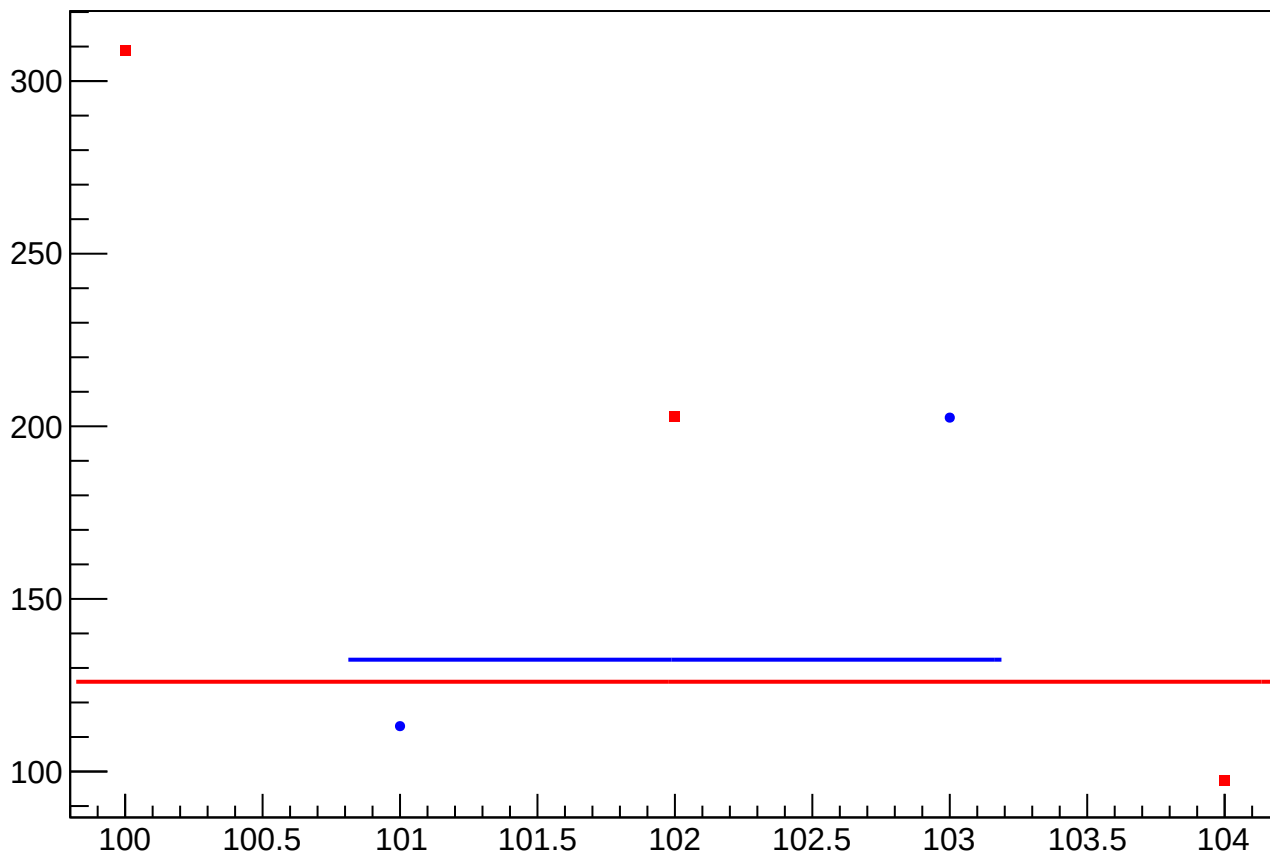
Right: 60.232 $\pm$ 89.680 χ^2 /NDF: 1.9/4

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: 60.232 $\pm$ 89.680 χ^2 /NDF: 1.9/4

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: 126.006+/-0.090 χ^2/NDF : 302504.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

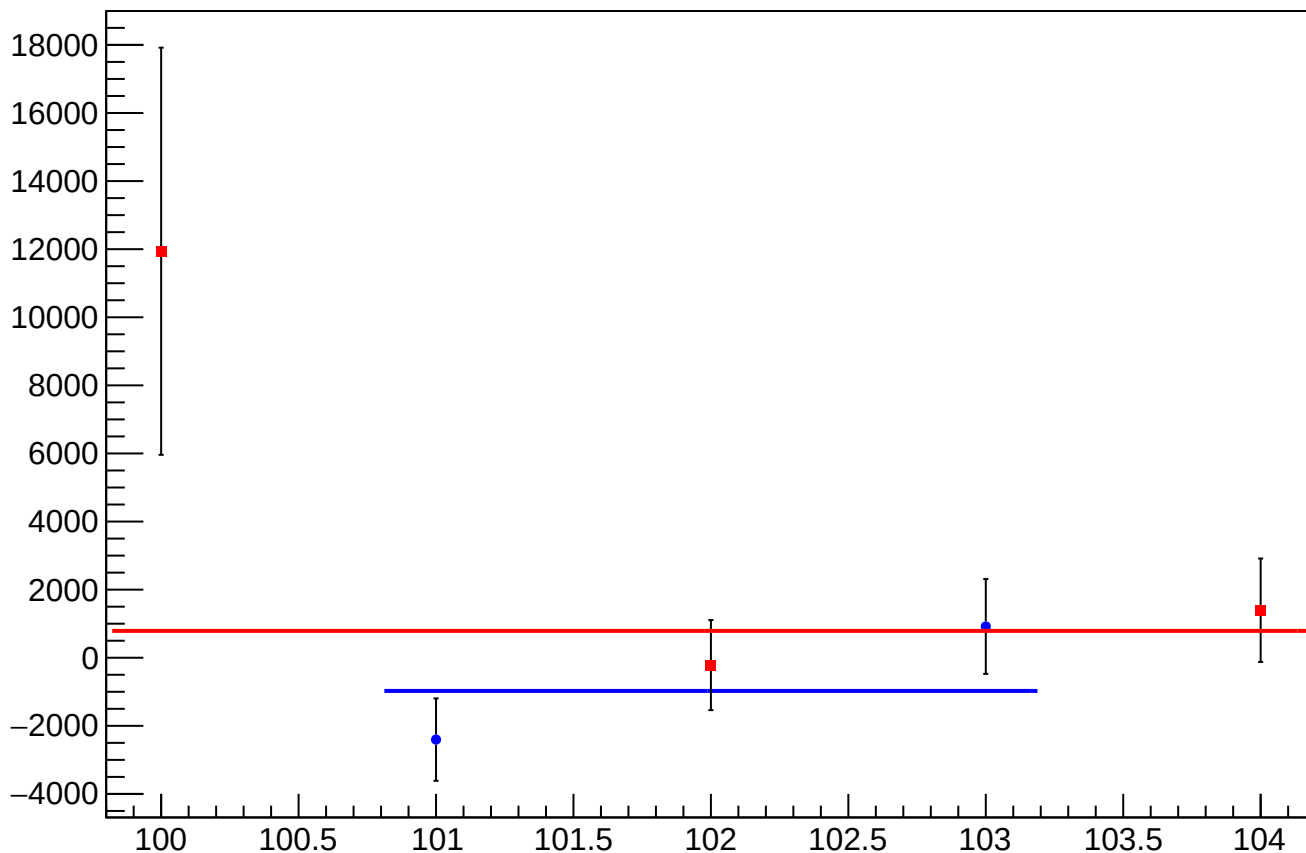
Right: 129.256+/-0.063 χ^2/NDF : 475795.3/4

In: 132.394+/-0.089 χ^2/NDF : 170755.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.256+/-0.063 χ^2/NDF : 475795.3/4

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: 789.141+/-983.738 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

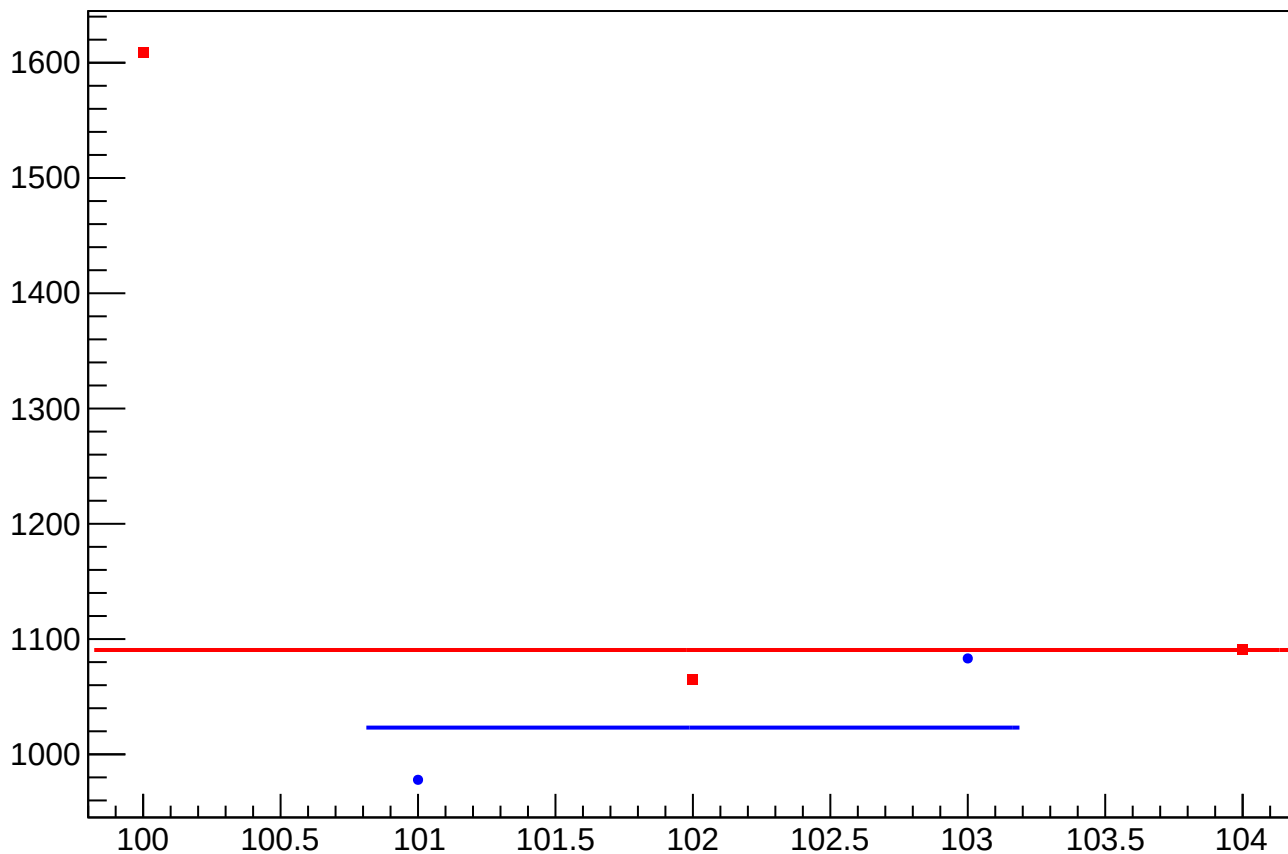
Right: -157.751+/-669.437 χ^2/NDF : 9.2/4

In: -974.436+/-913.601 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.751+/-669.437 χ^2/NDF : 9.2/4

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: 1090.521+/-0.696 χ^2/NDF : 15791.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

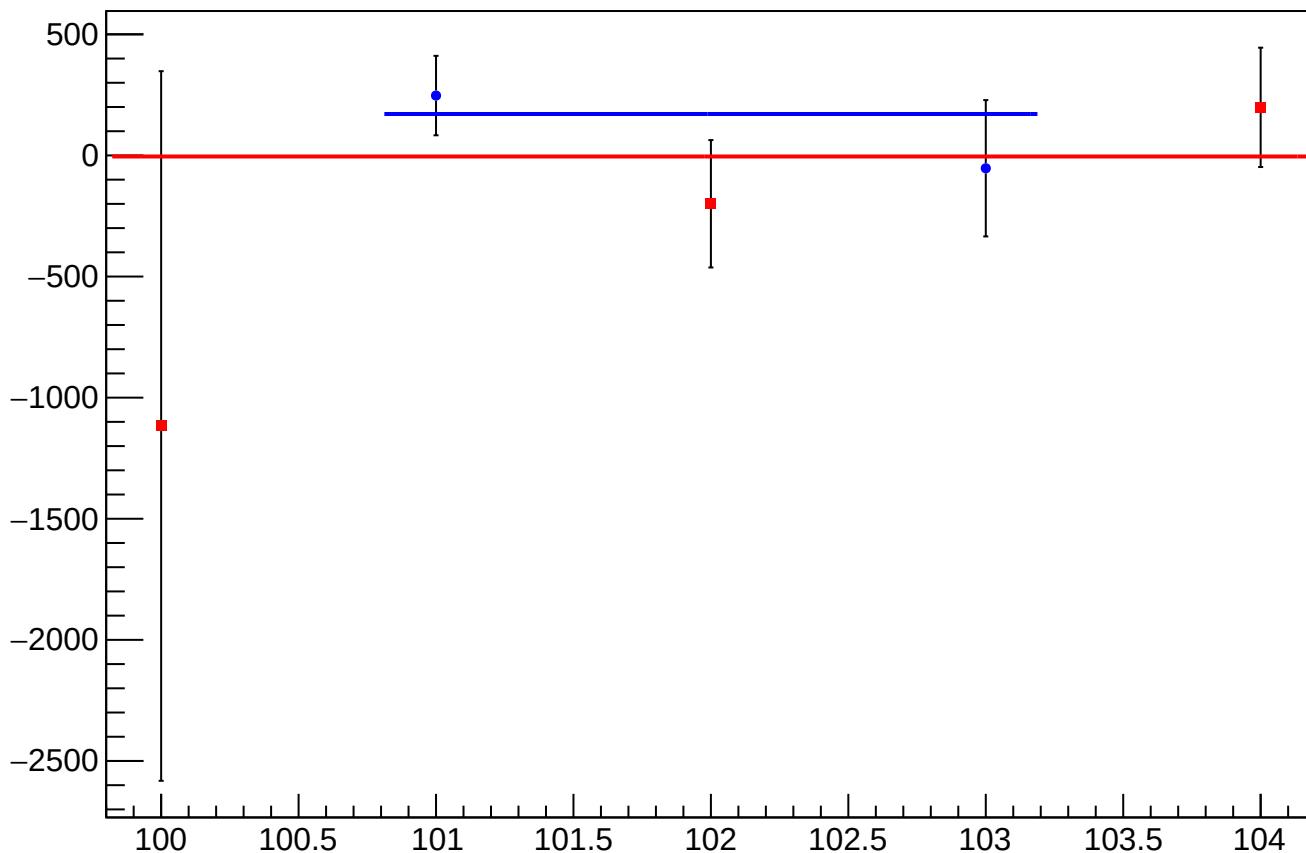
Right: 1054.376+/-0.473 χ^2/NDF : 27334.3/4

In: 1023.201+/-0.646 χ^2/NDF : 6513.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1054.376+/-0.473 χ^2/NDF : 27334.3/4

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: -4.363+/-178.459 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

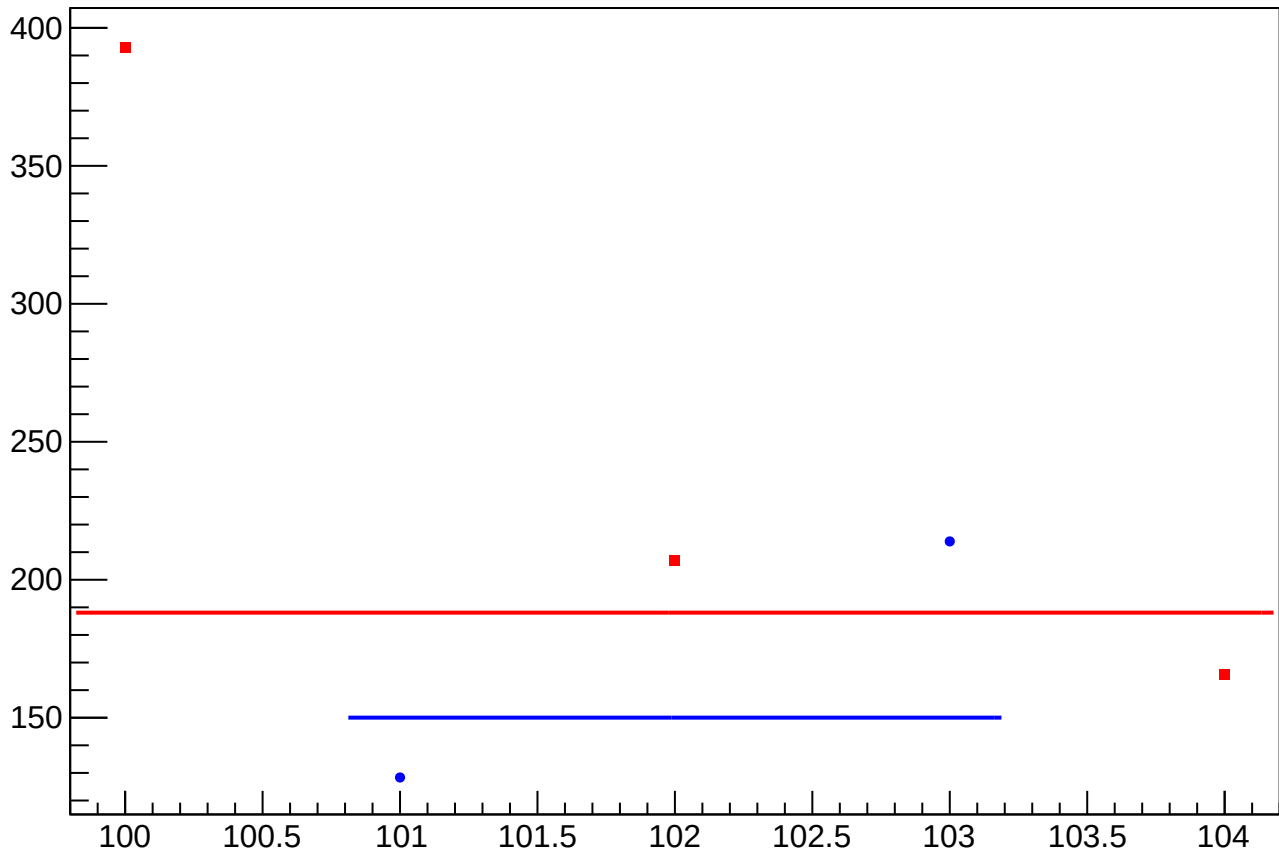
Right: 103.246+/-110.966 χ^2/NDF : 3.2/4

In: 171.079+/-141.688 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.246+/-110.966 χ^2/NDF : 3.2/4

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: 188.079+/-0.126 χ^2/NDF : 66326.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

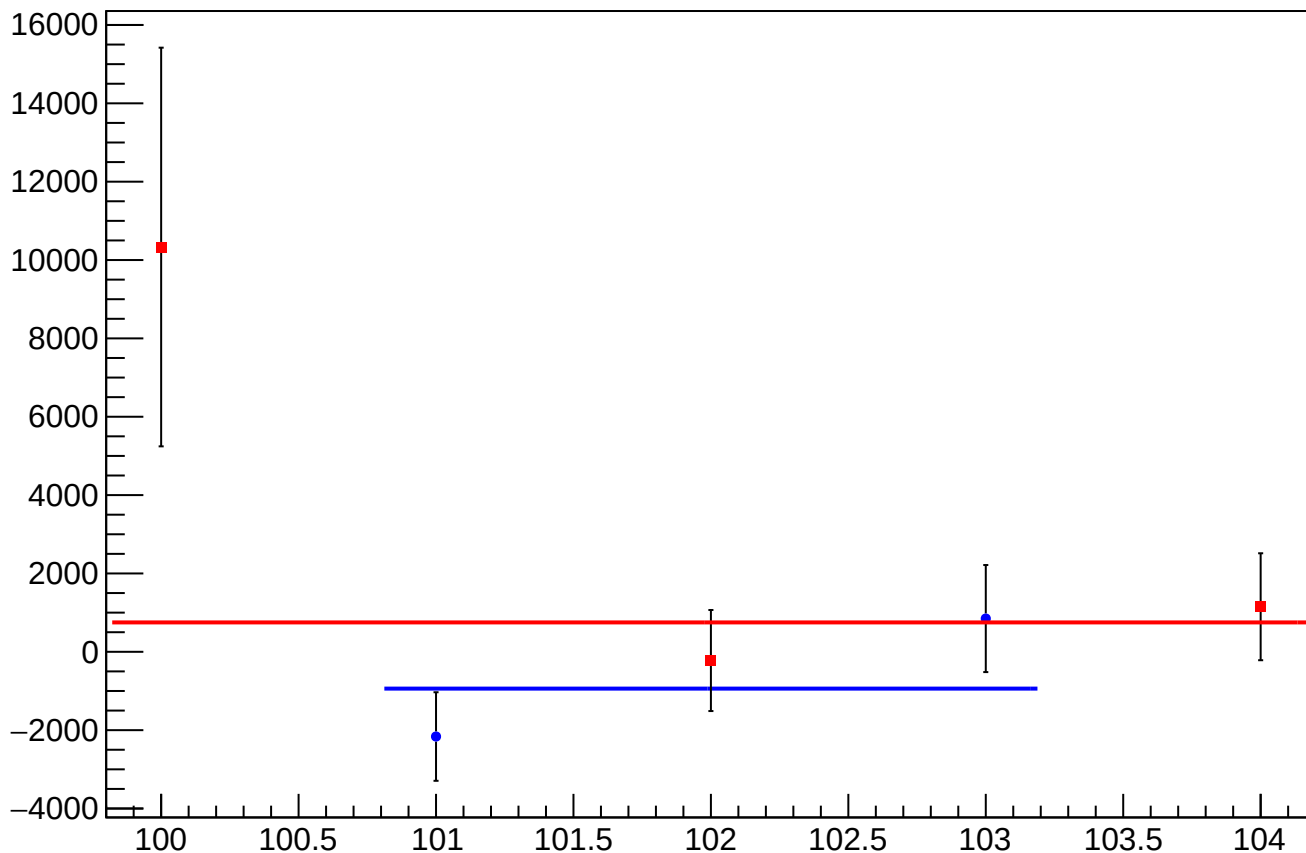
Right: 164.745+/-0.078 χ^2/NDF : 260065.9/4

In: 150.036+/-0.100 χ^2/NDF : 137993.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.745+/-0.078 χ^2/NDF : 260065.9/4

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: 750.174+/-921.909 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

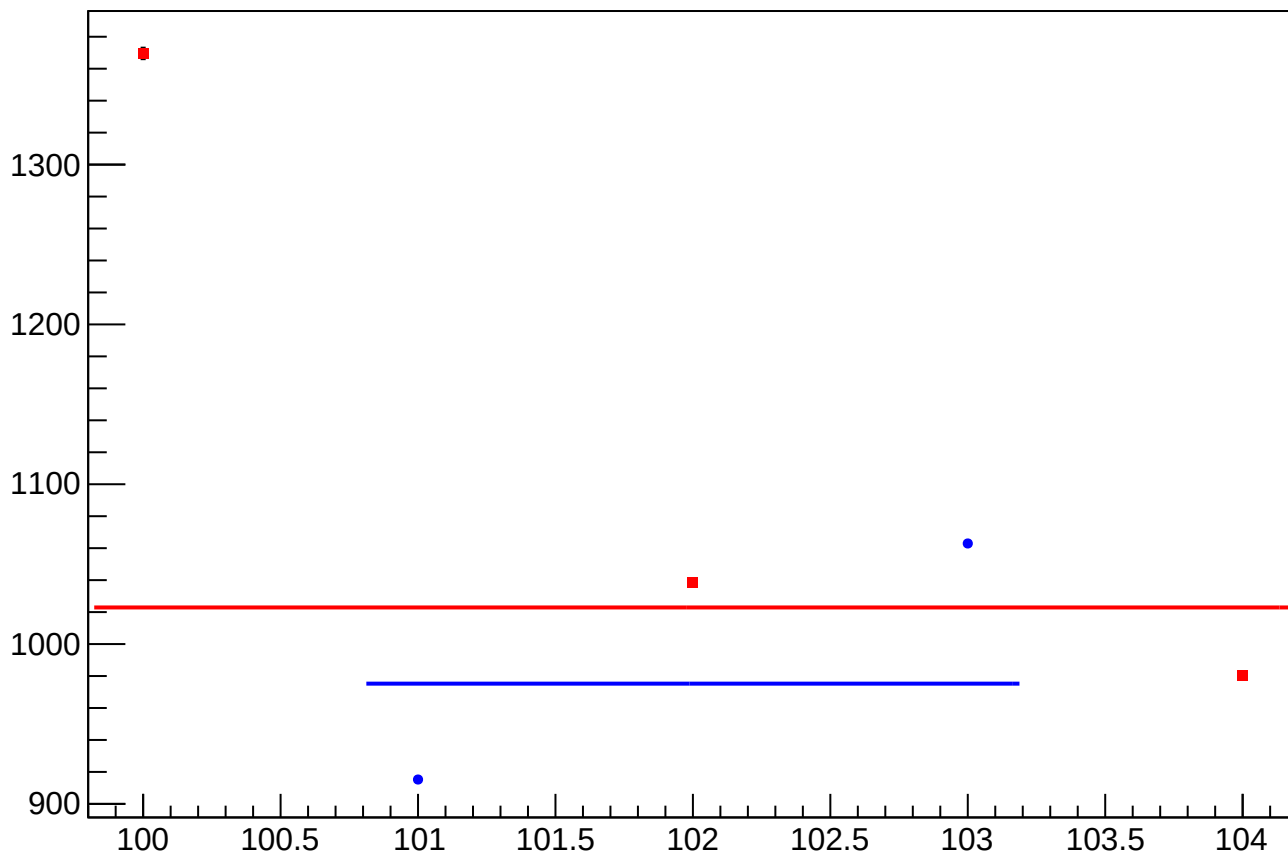
Right: -142.693+/-633.065 χ^2/NDF : 8.9/4

In: -939.397+/-870.850 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.693+/-633.065 χ^2/NDF : 8.9/4

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 975.235+/-0.616 χ^2/NDF : 13875.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1022.904+/-0.652 χ^2/NDF : 11506.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

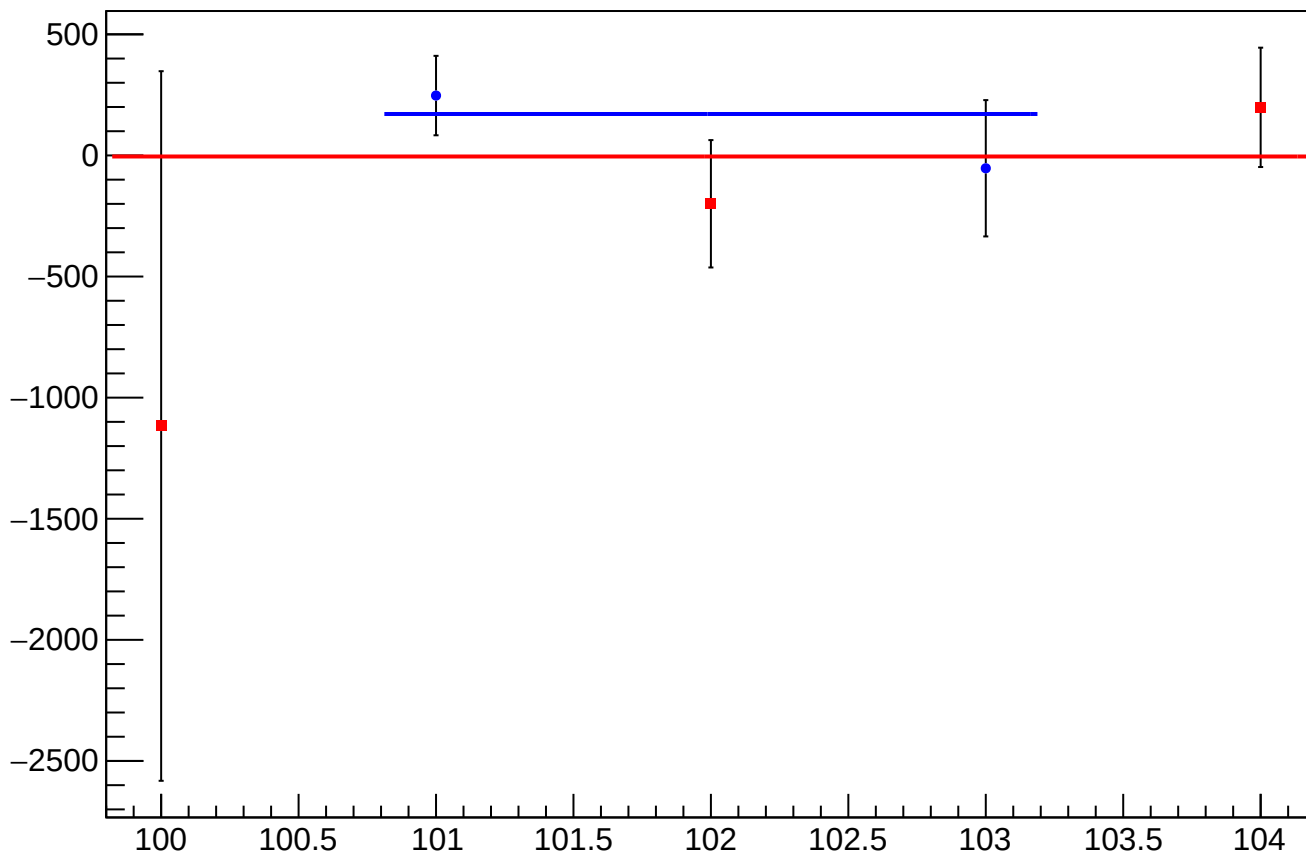
Right: 997.713+/-0.448 χ^2/NDF : 28207.2/4

In: 975.235+/-0.616 χ^2/NDF : 13875.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.713+/-0.448 χ^2/NDF : 28207.2/4

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 171.084+/-141.689 χ^2 /NDF: 0.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4.366+/-178.460 χ^2 /NDF: 1.8/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

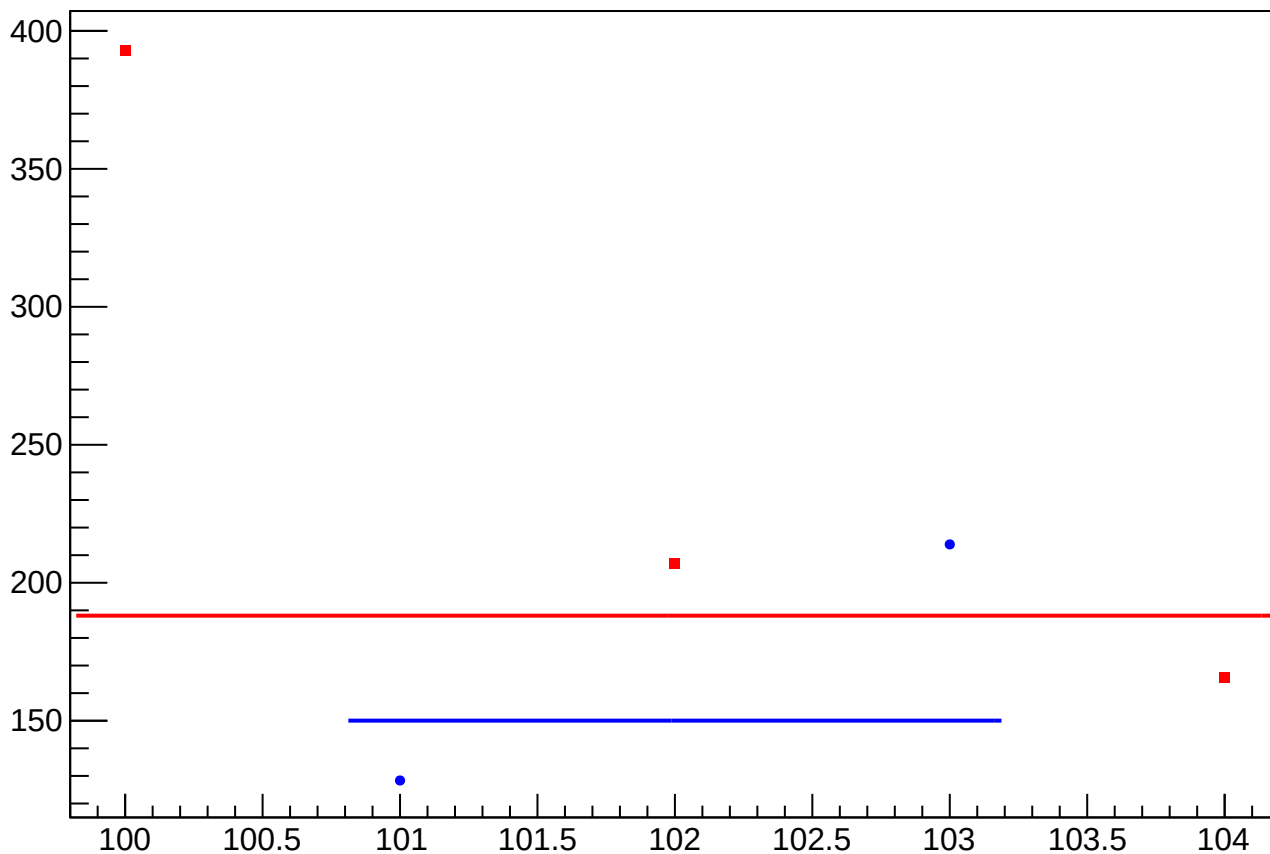
Right: 103.248+/-110.967 χ^2 /NDF: 3.2/4

In: 171.084+/-141.689 χ^2 /NDF: 0.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 103.248+/-110.967 χ^2 /NDF: 3.2/4

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: 188.081 $\pm$ 0.126 χ^2 /NDF: 66324.0/2

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

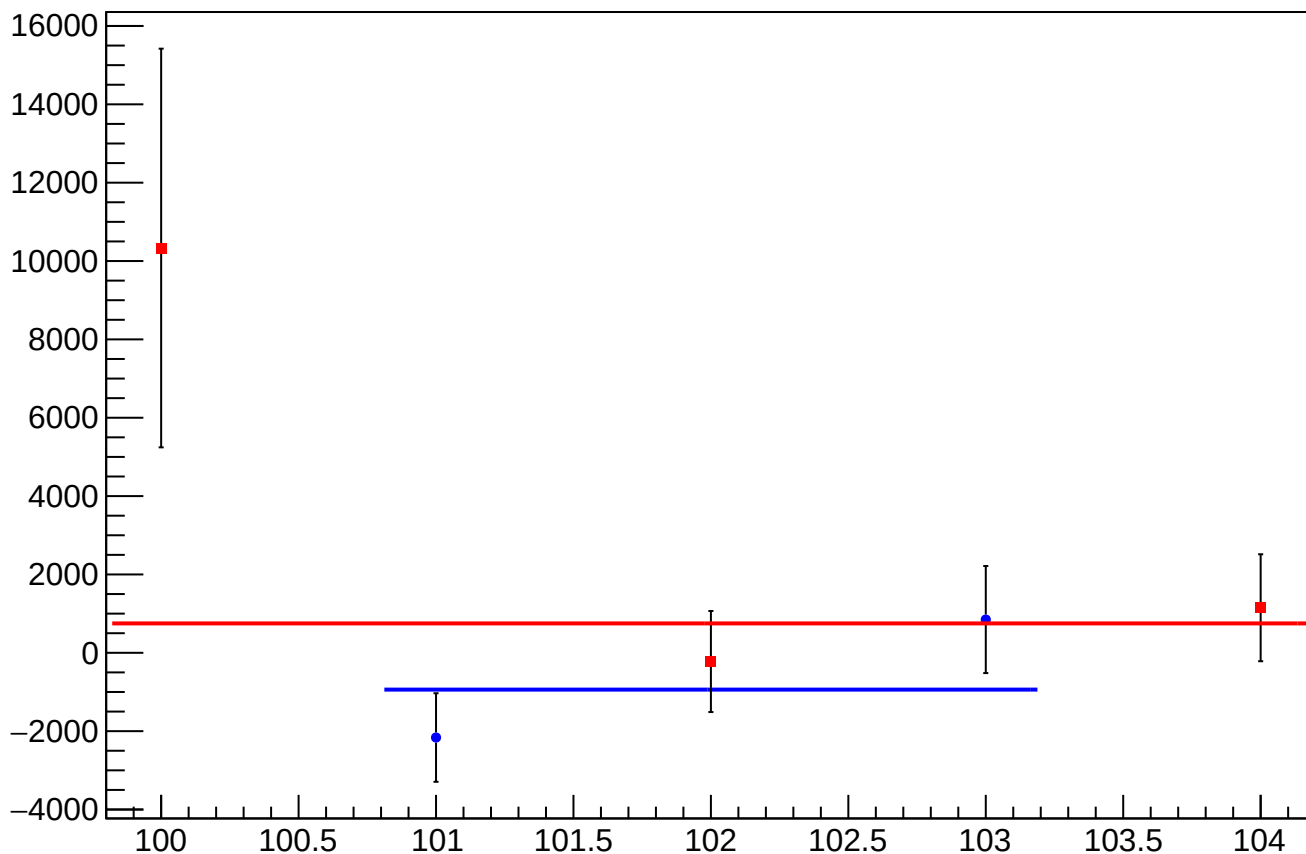
Right: 164.746 $\pm$ 0.078 χ^2 /NDF: 260057.2/4

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: 164.746 $\pm$ 0.078 χ^2 /NDF: 260057.2/4

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: 750.171+/-921.905 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

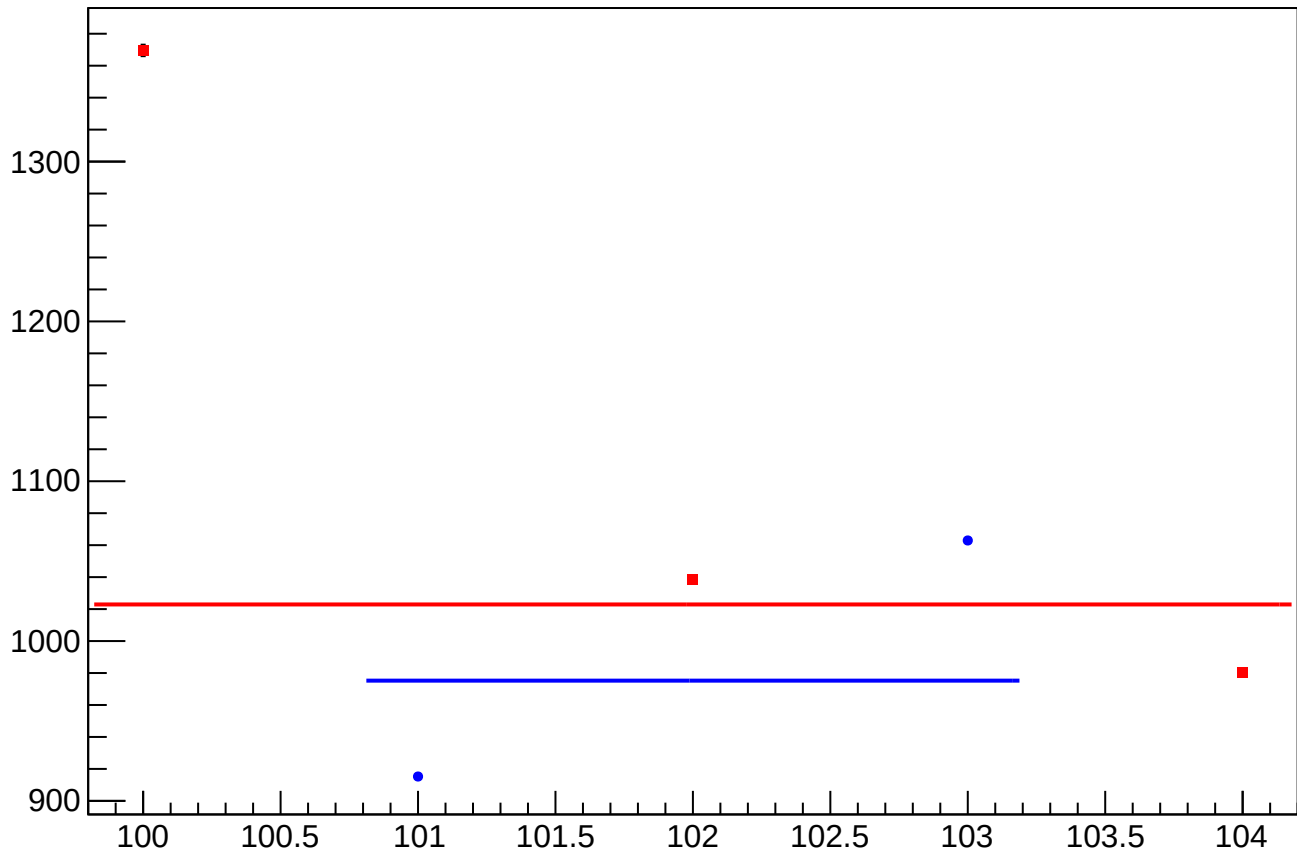
Right: -142.693+/-633.063 χ^2/NDF : 8.9/4

In: -939.394+/-870.846 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.693+/-633.063 χ^2/NDF : 8.9/4

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: 1022.901+/-0.652 χ^2/NDF : 11506.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

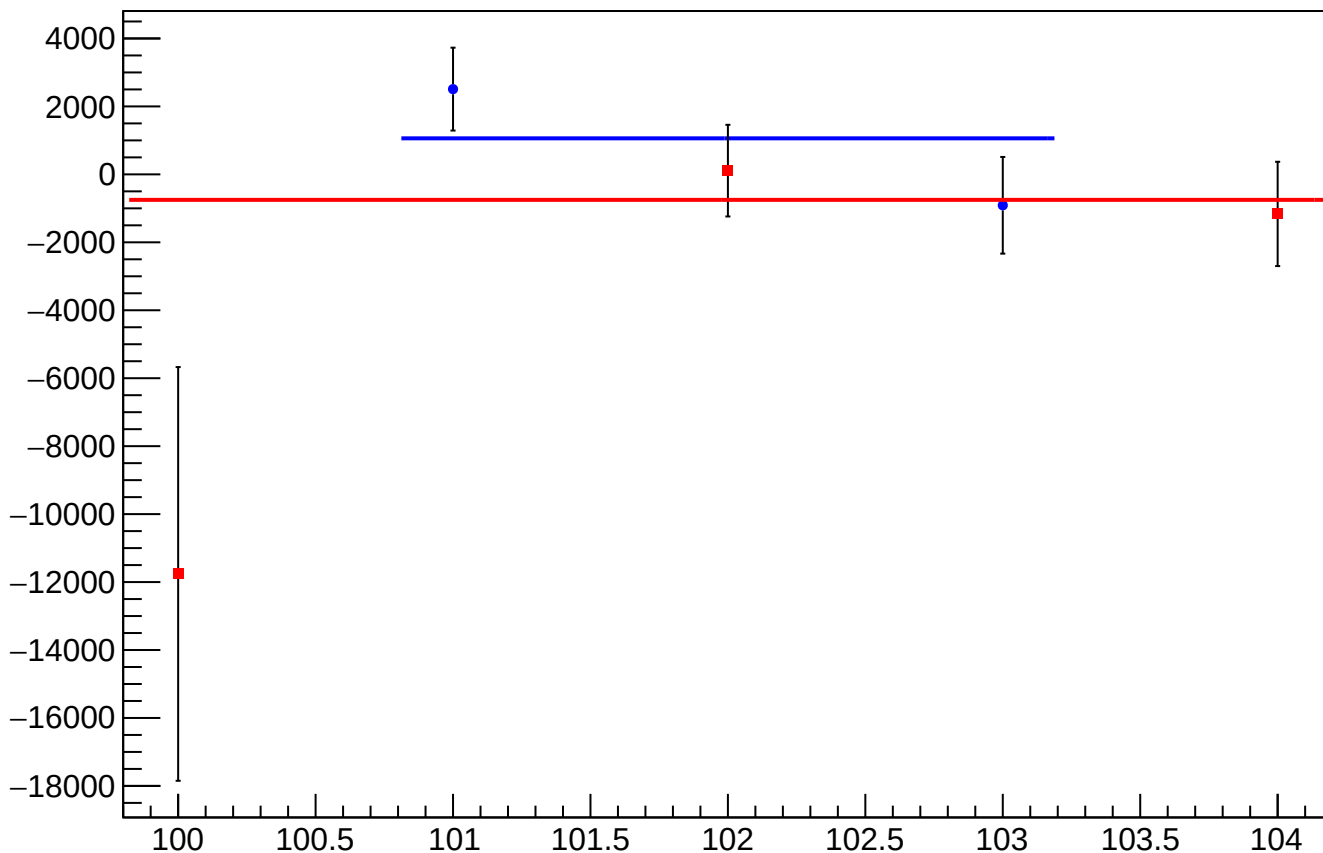
Right: 997.709+/-0.448 χ^2/NDF : 28207.3/4

In: 975.231+/-0.616 χ^2/NDF : 13875.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.709+/-0.448 χ^2/NDF : 28207.3/4

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: -750.513+/-999.587 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

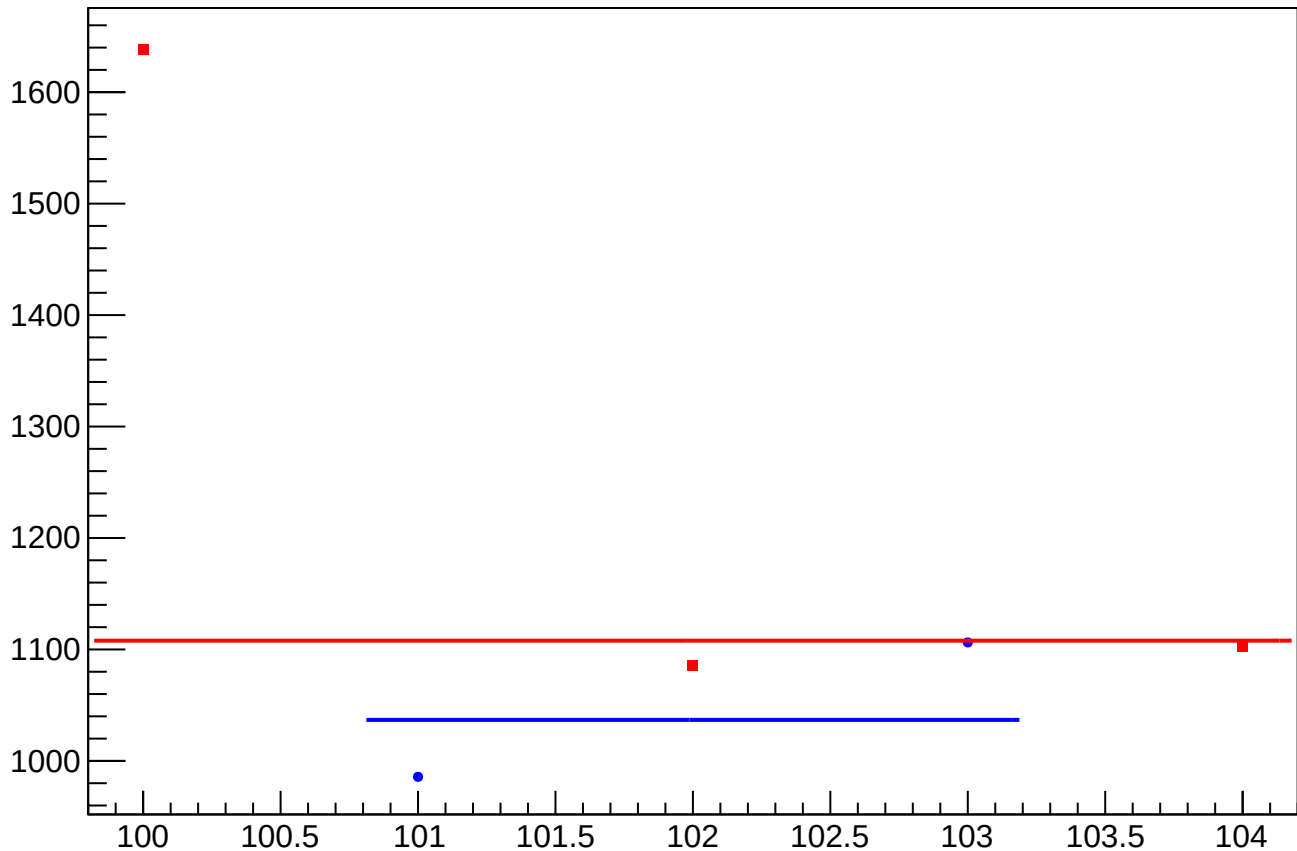
Right: 223.907+/-679.357 χ^2/NDF : 8.8/4

In: 1060.361+/-926.123 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 223.907+/-679.357 χ^2/NDF : 8.8/4

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: 1107.888+/-0.707 χ^2/NDF : 15729.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

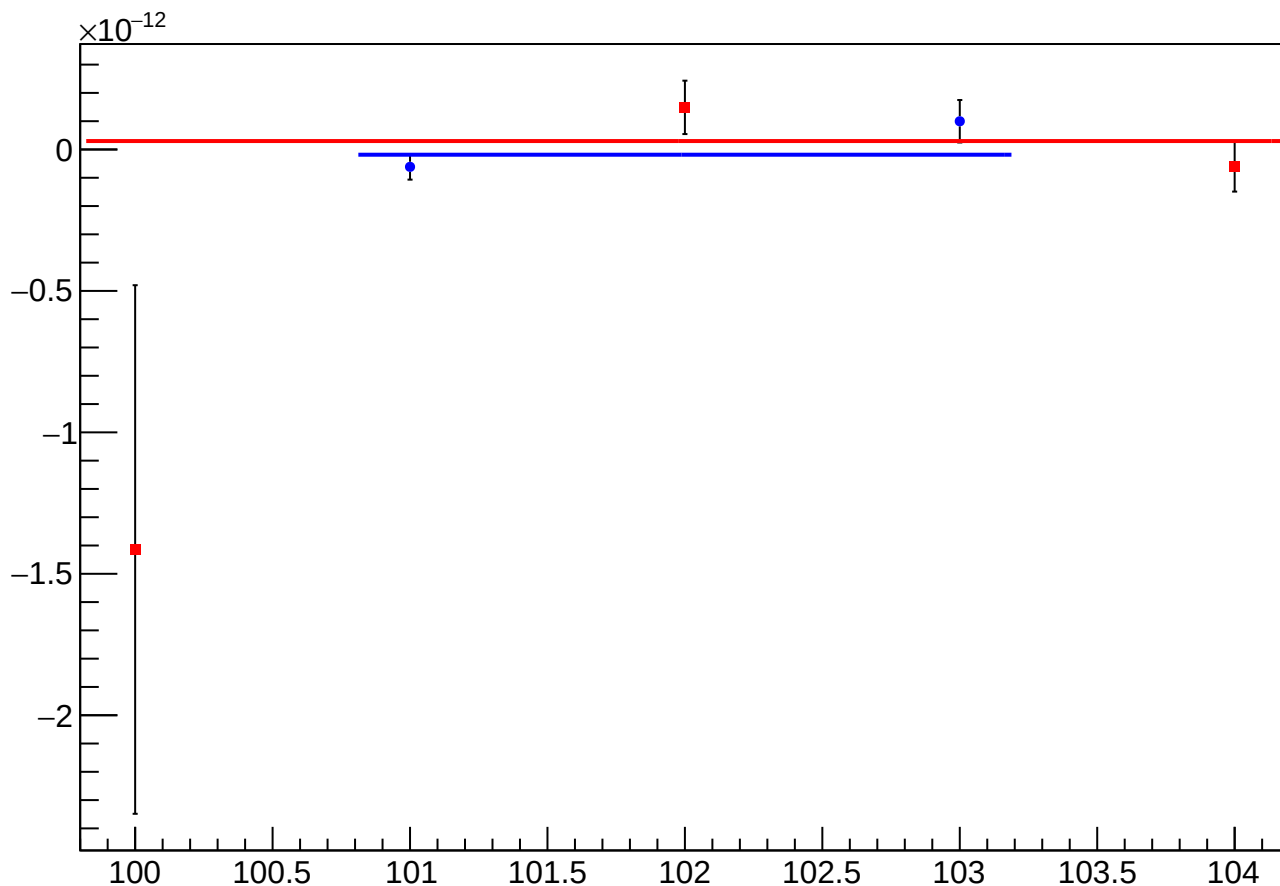
Right: 1069.647+/-0.480 χ^2/NDF : 29453.9/4

In: 1036.820+/-0.655 χ^2/NDF : 8284.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.647+/-0.480 χ^2/NDF : 29453.9/4

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: 5.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

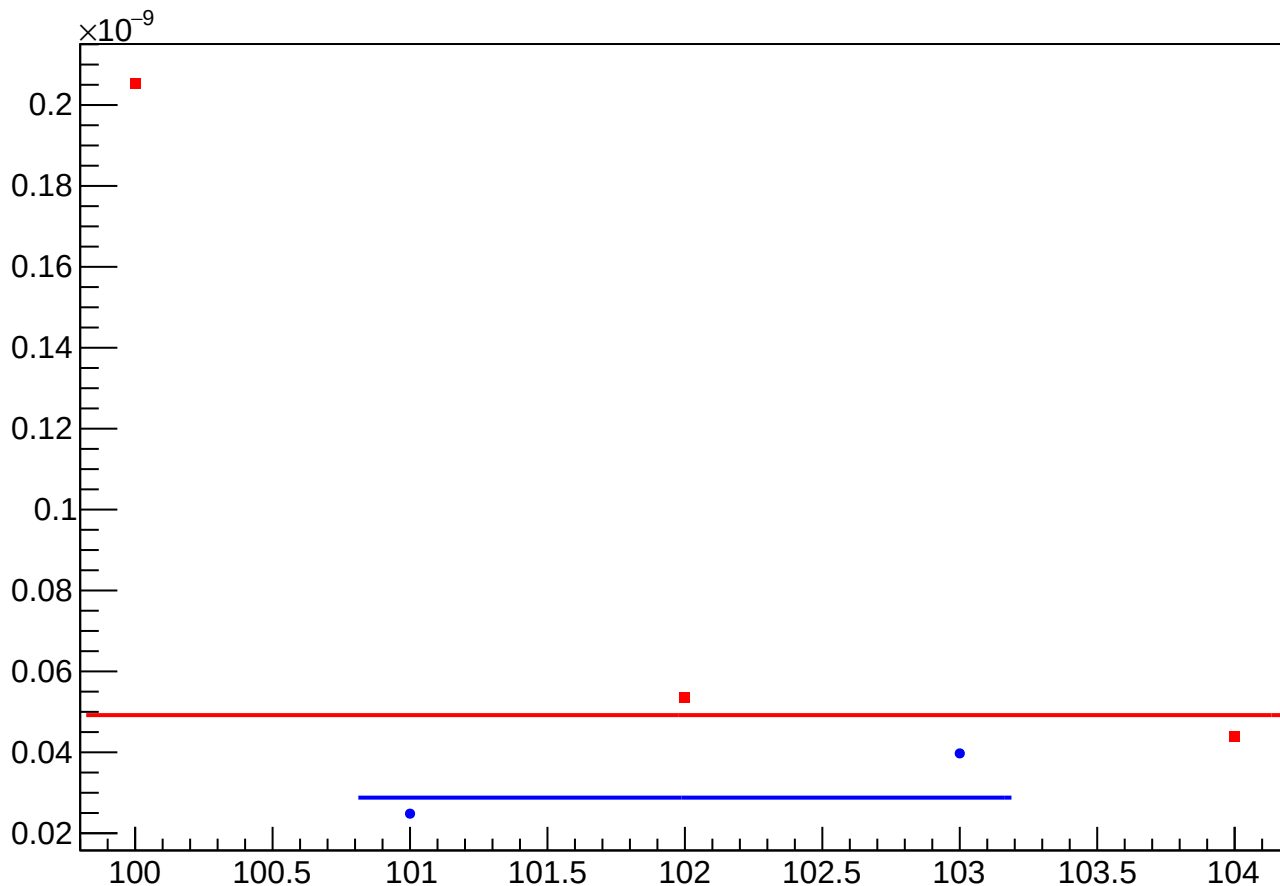
Right: -0.000+/-0.000 χ^2 /NDF: 8.8/4

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: 8.8/4

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 : 67431.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

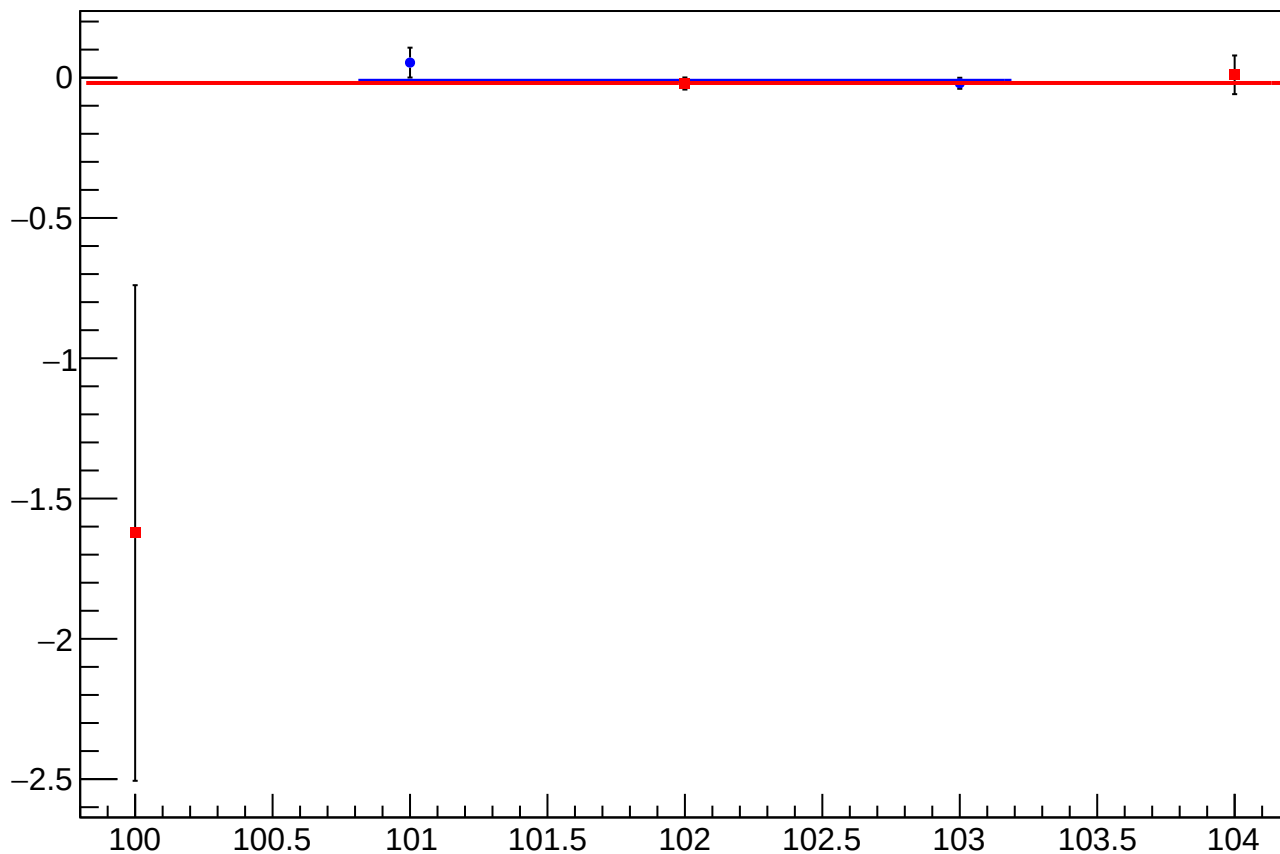
Right: 0.000+/-0.000 χ^2/NDF : 273227.2/4

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 : 273227.2/4

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: -0.019 $\pm$ 0.021 χ^2 /NDF: 3.5/2

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

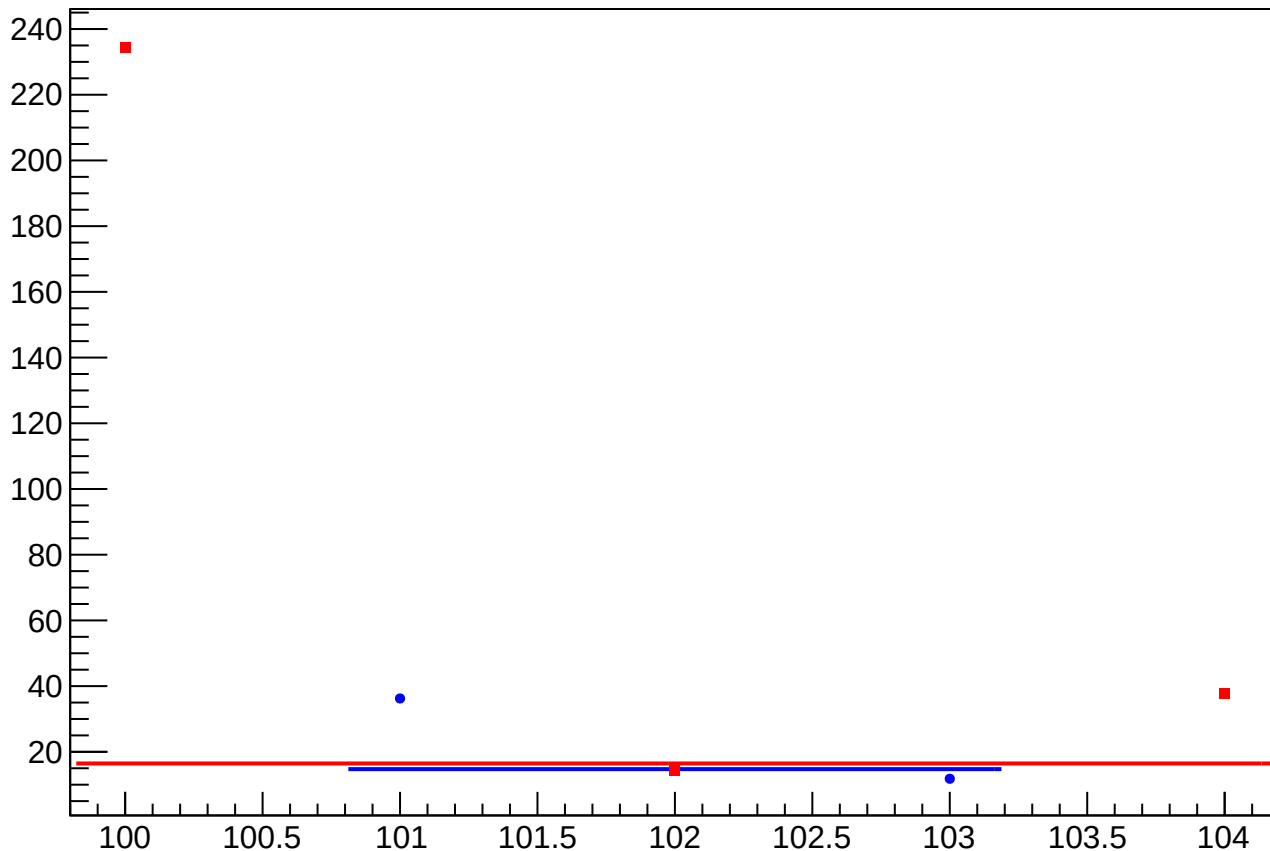
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.3/4

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: 5.3/4

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: 16.458+/-0.015 χ^2/NDF : 333395.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

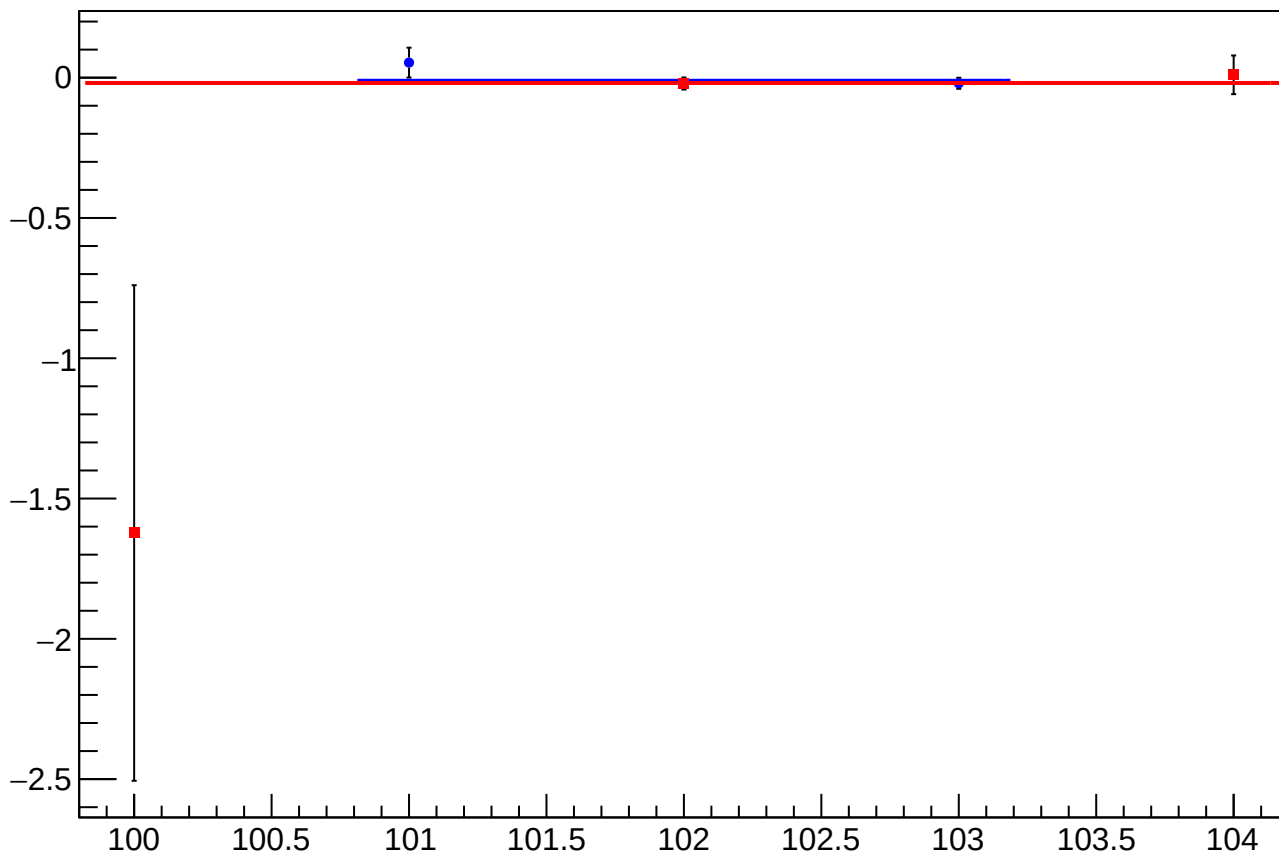
Right: 15.503+/-0.010 χ^2/NDF : 712376.9/4

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.503+/-0.010 χ^2/NDF : 712376.9/4

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: -0.019 $\pm$ 0.021 χ^2 /NDF: 3.5/2

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

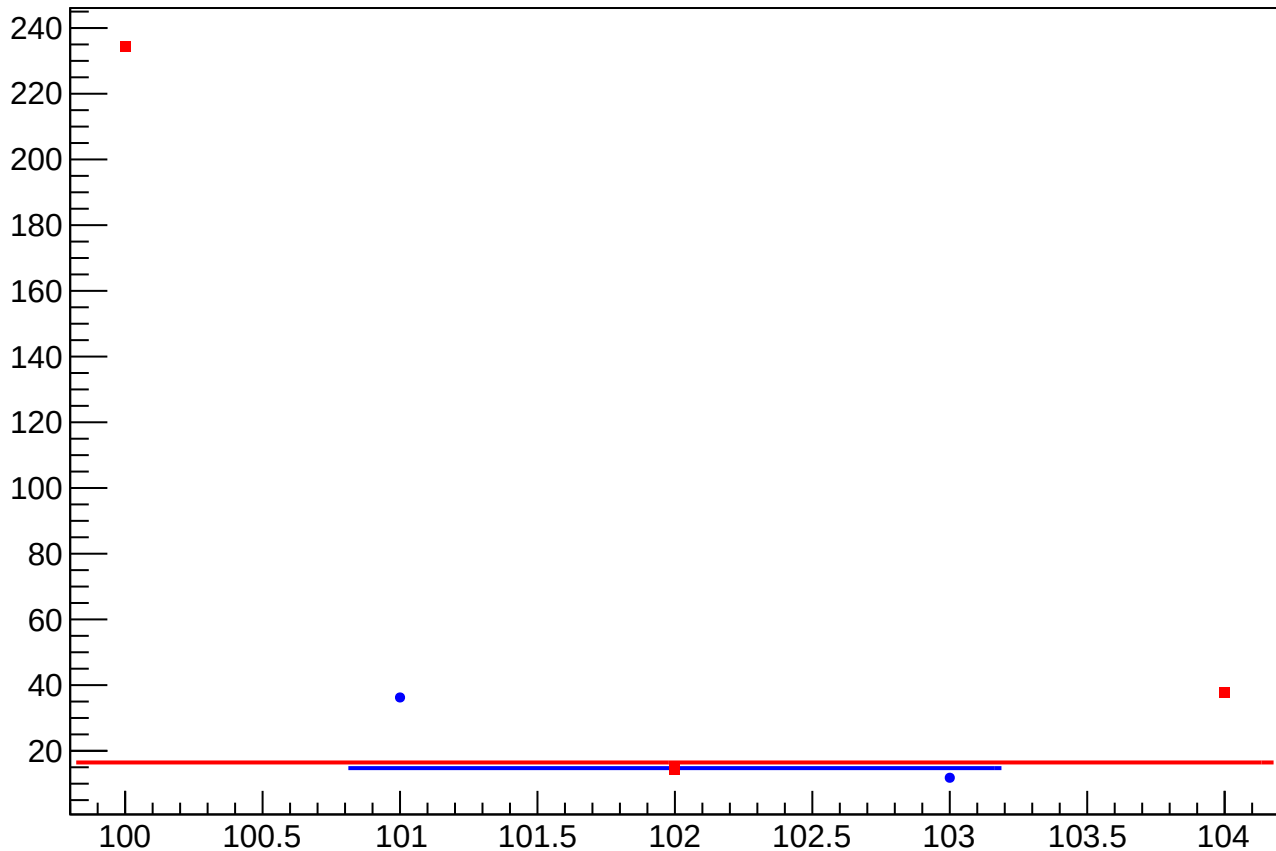
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.3/4

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: 5.3/4

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: 16.458+/-0.015 χ^2/NDF : 333395.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

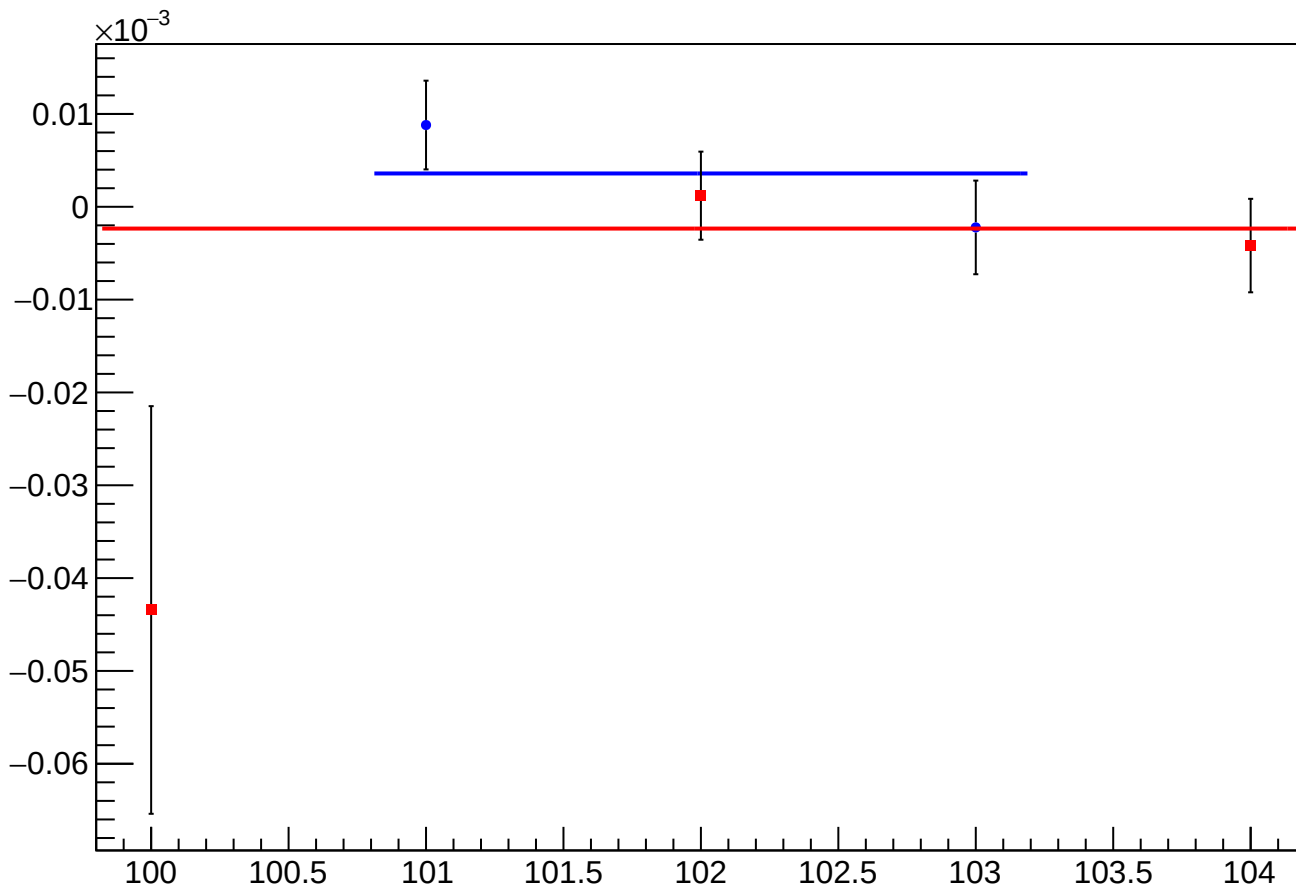
Right: 15.503+/-0.010 χ^2/NDF : 712376.9/4

In: 14.735+/-0.013 χ^2/NDF : 371188.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.503+/-0.010 χ^2/NDF : 712376.9/4

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/2

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

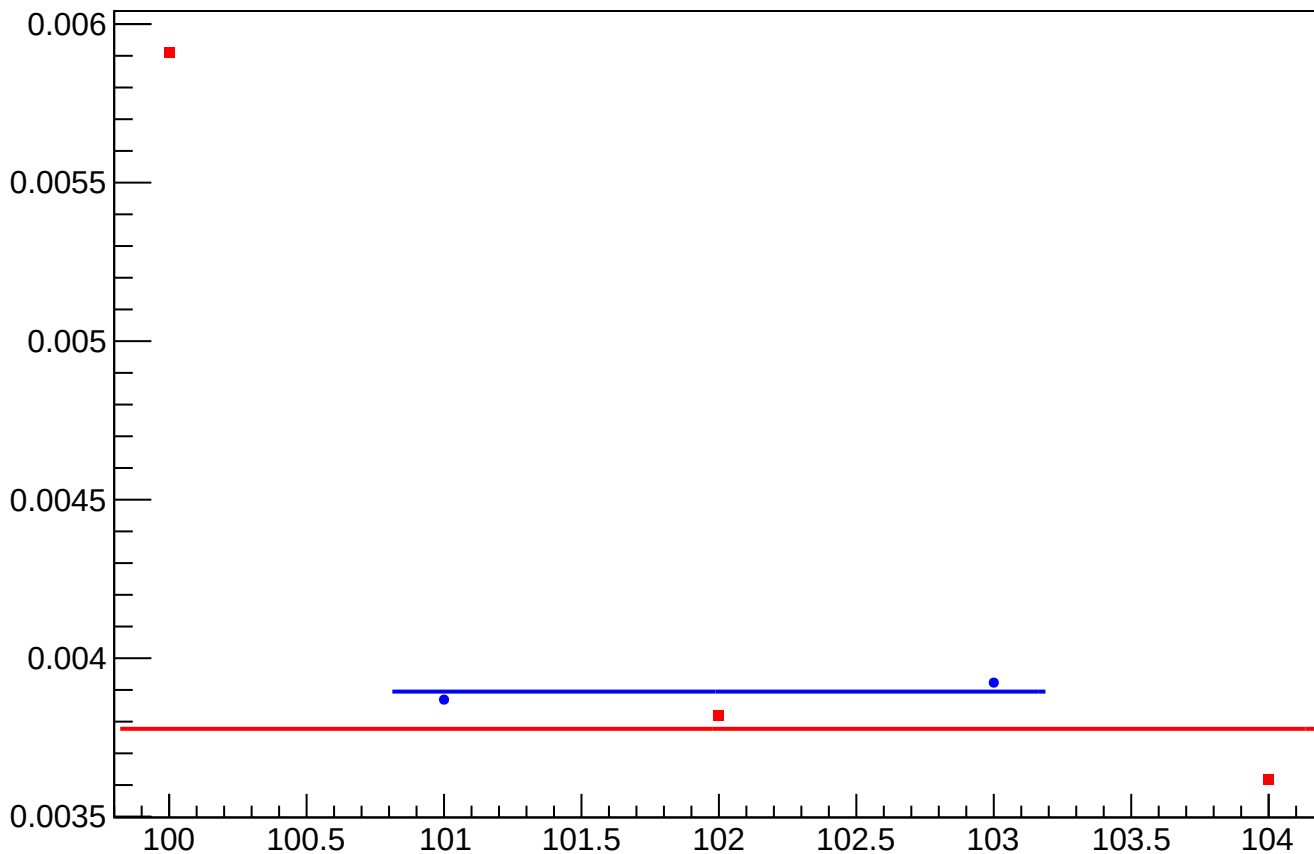
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/4

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: 0.004+/-0.000 χ^2/NDF : 21061.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

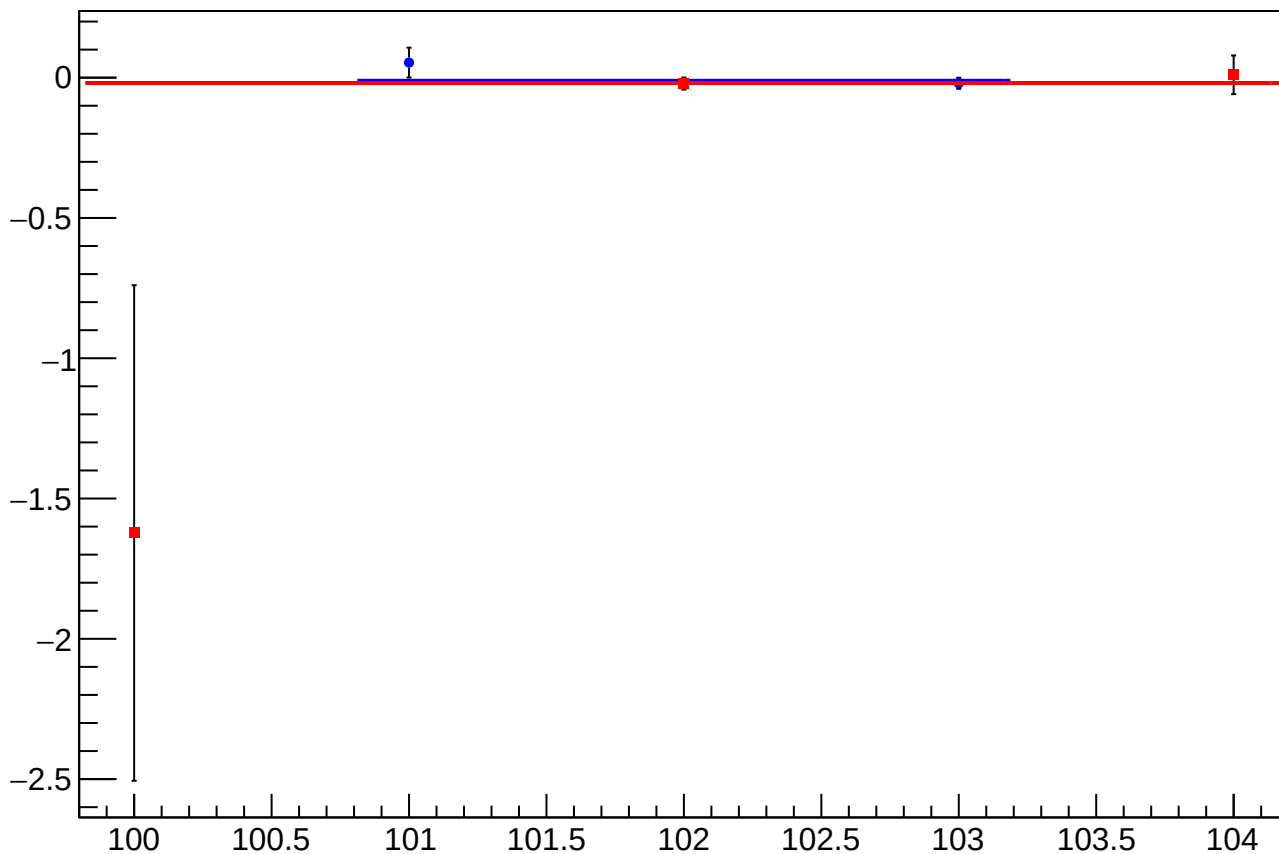
Right: 0.004+/-0.000 χ^2/NDF : 22344.5/4

In: 0.004+/-0.000 χ^2/NDF : 119.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 22344.5/4

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: -0.019 $\pm$ 0.021 χ^2 /NDF: 3.5/2

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

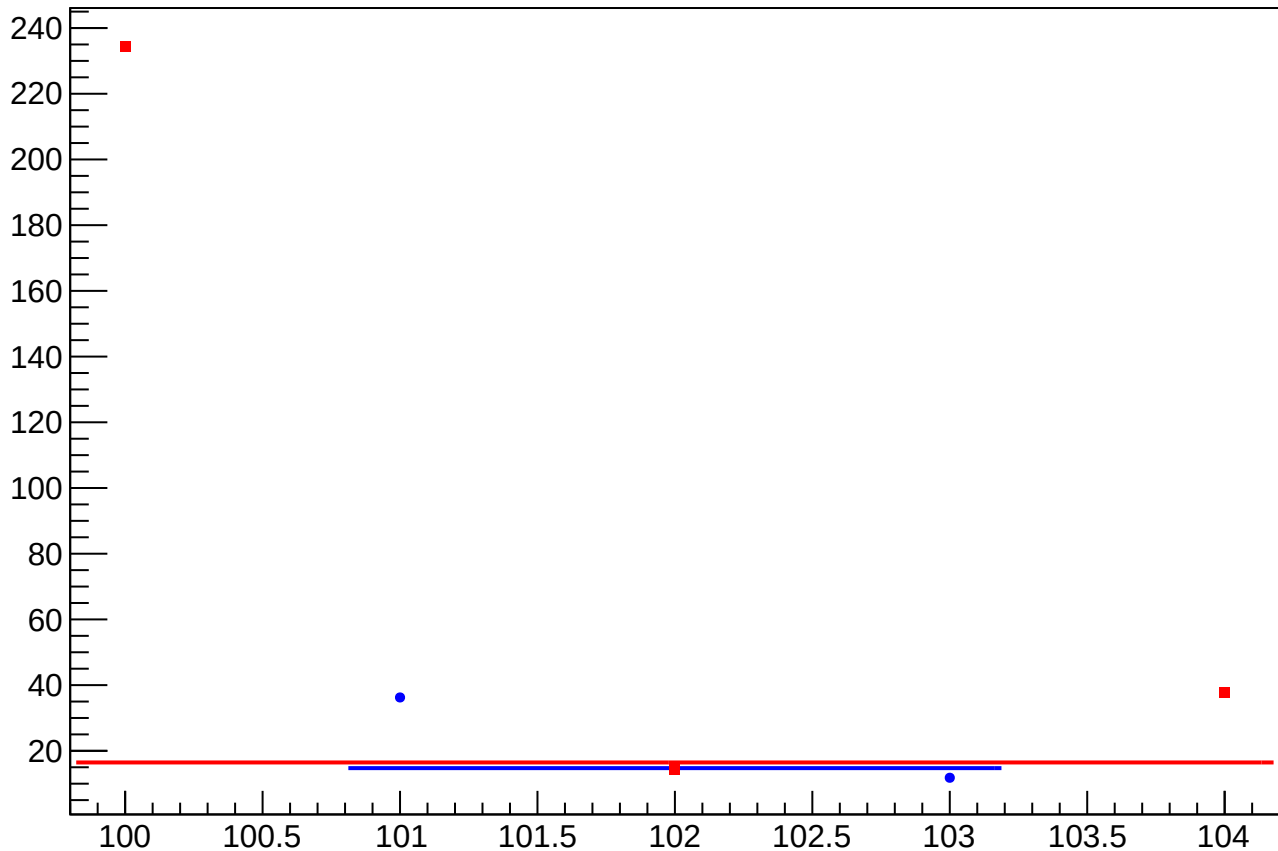
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.2/4

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: 5.2/4

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: 16.461+/-0.015 χ^2/NDF : 333348.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

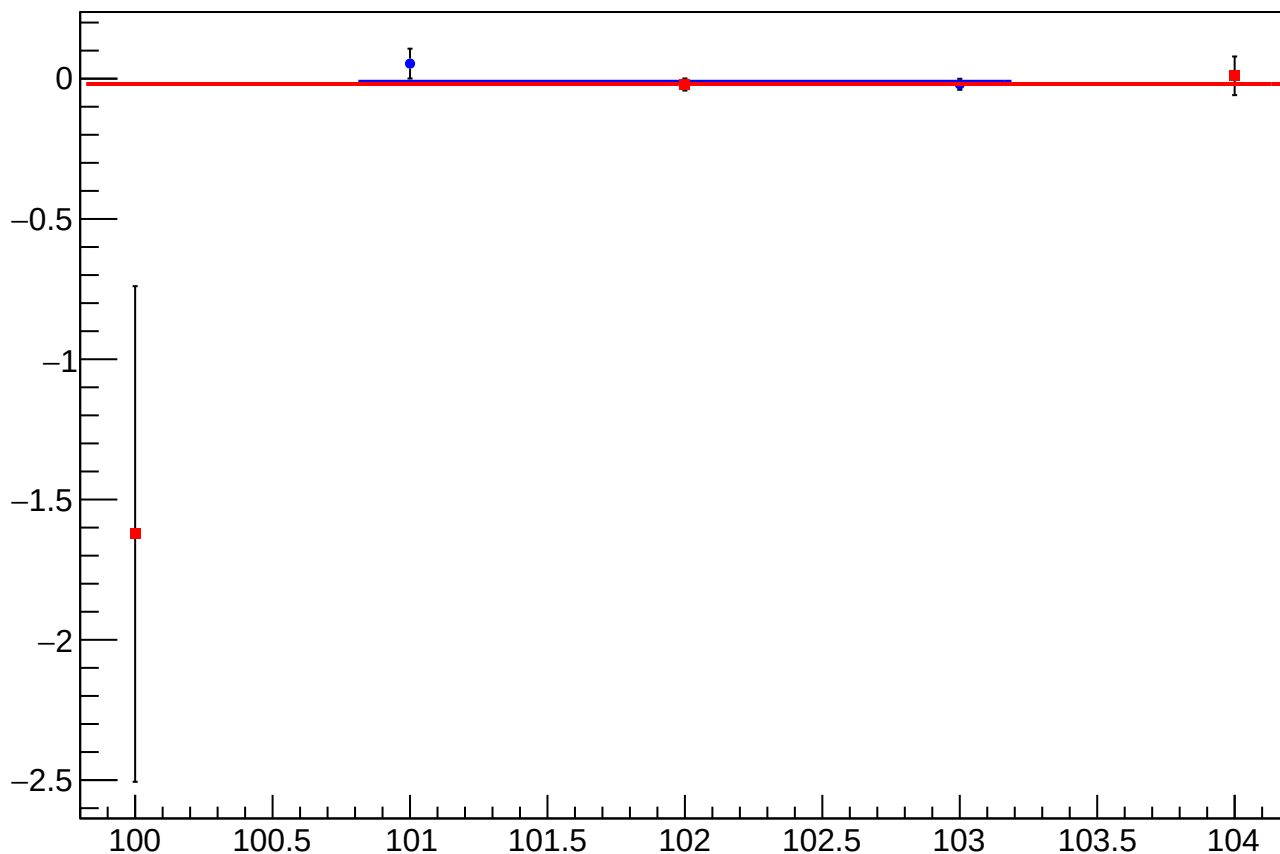
Right: 15.503+/-0.010 χ^2/NDF : 712427.3/4

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.503+/-0.010 χ^2/NDF : 712427.3/4

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: -0.019 $\pm$ 0.021 χ^2 /NDF: 3.5/2

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

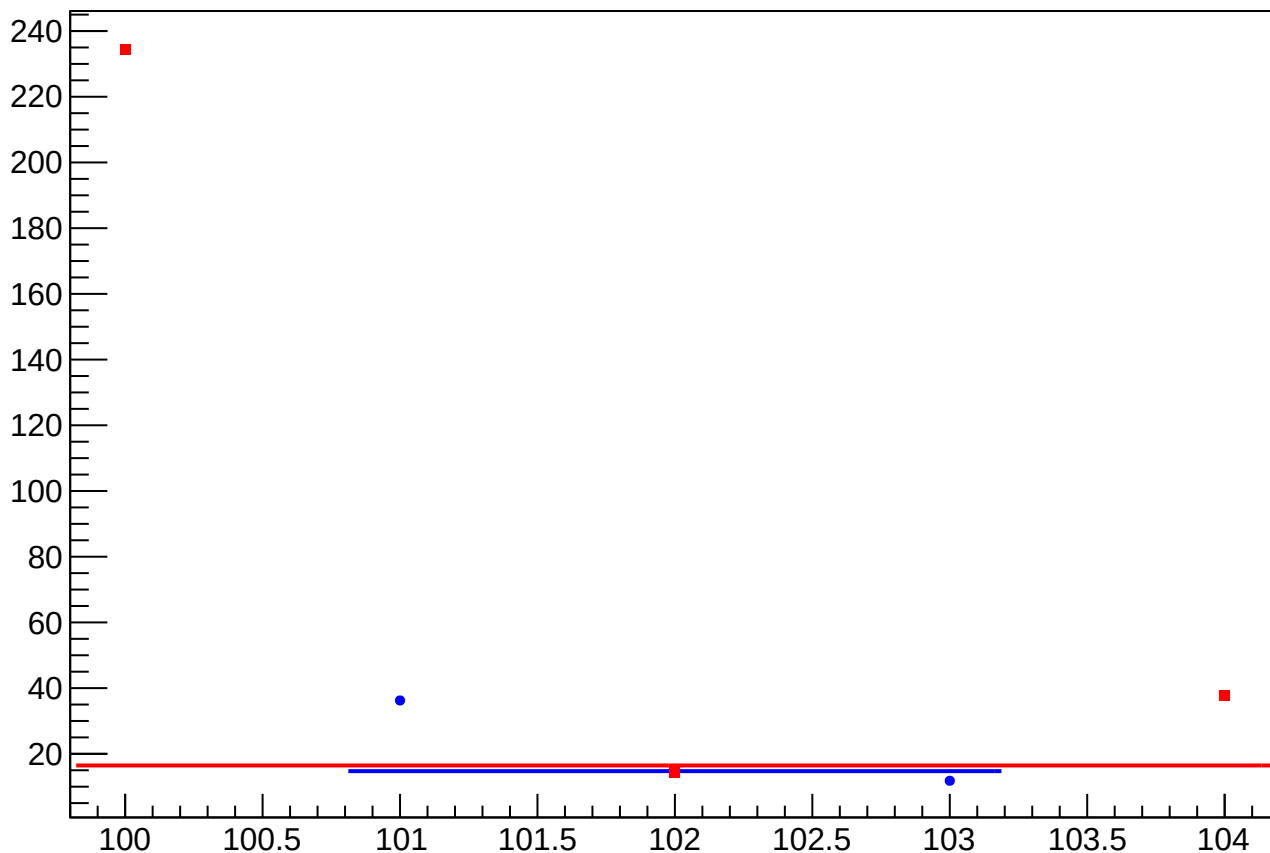
Right: -0.015 $\pm$ 0.014 χ^2 /NDF: 5.2/4

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: 5.2/4

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: 16.461+/-0.015 χ^2/NDF : 333348.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

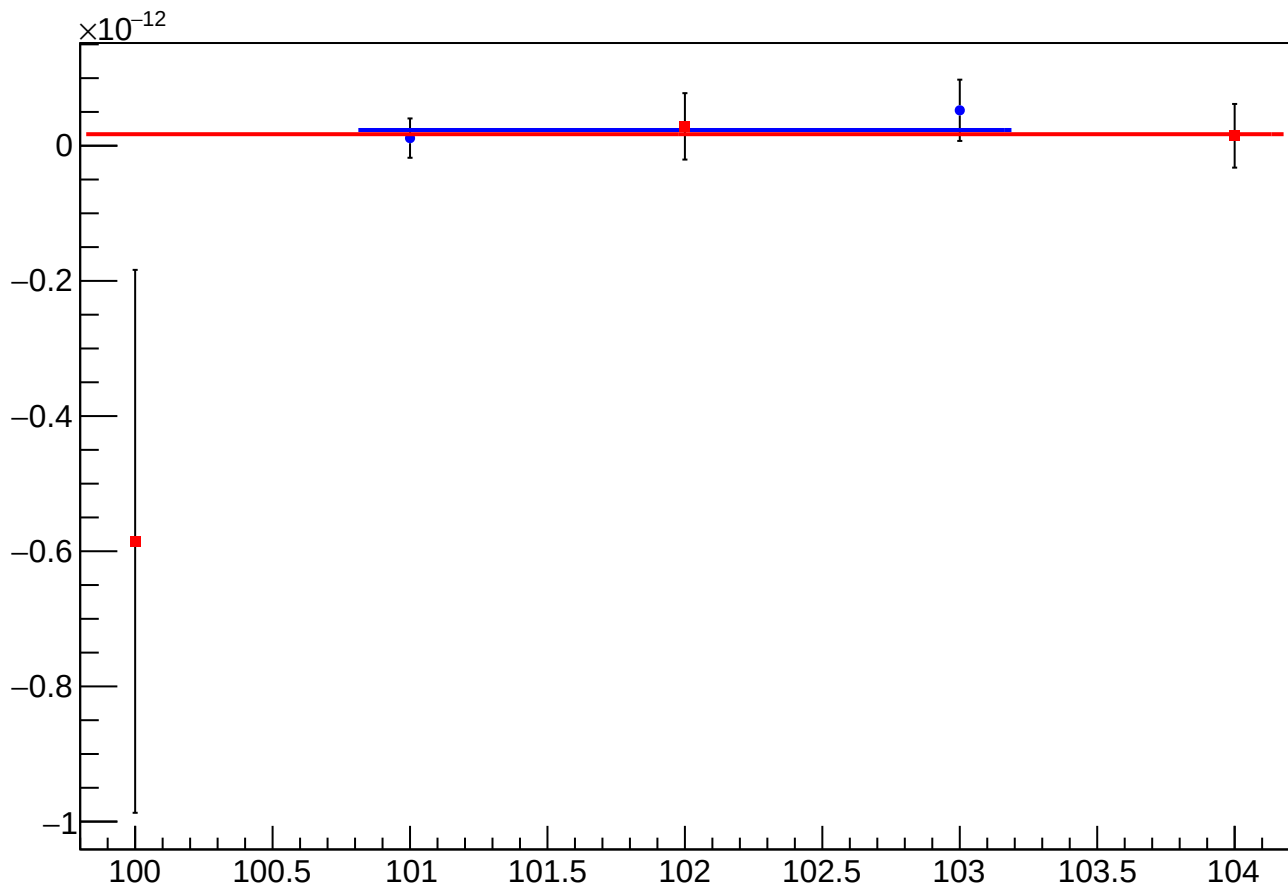
Right: 15.503+/-0.010 χ^2/NDF : 712427.3/4

In: 14.734+/-0.013 χ^2/NDF : 371246.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.503+/-0.010 χ^2/NDF : 712427.3/4

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 : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

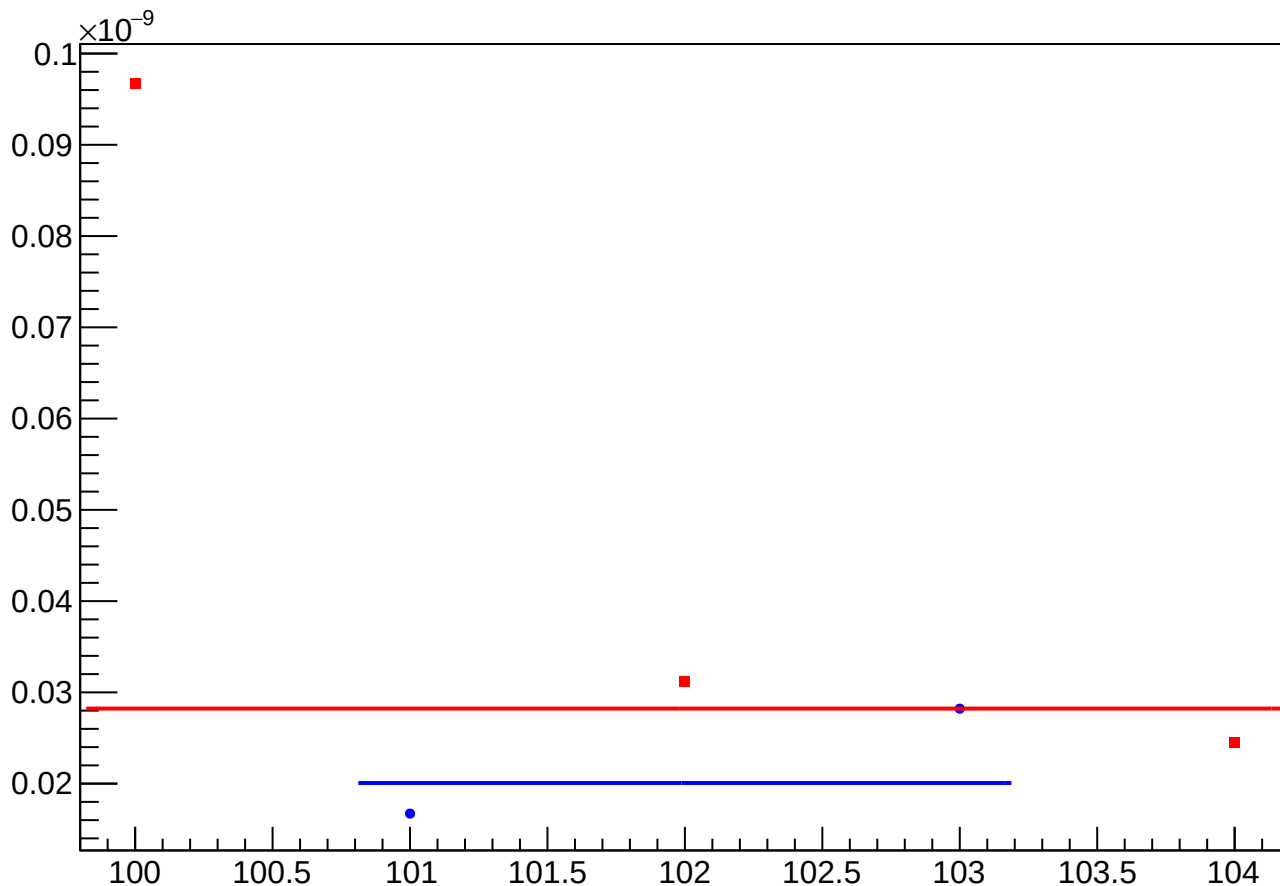
Right: 0.000+/-0.000 χ^2/NDF : 2.9/4

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 : 2.9/4

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 : 78076.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

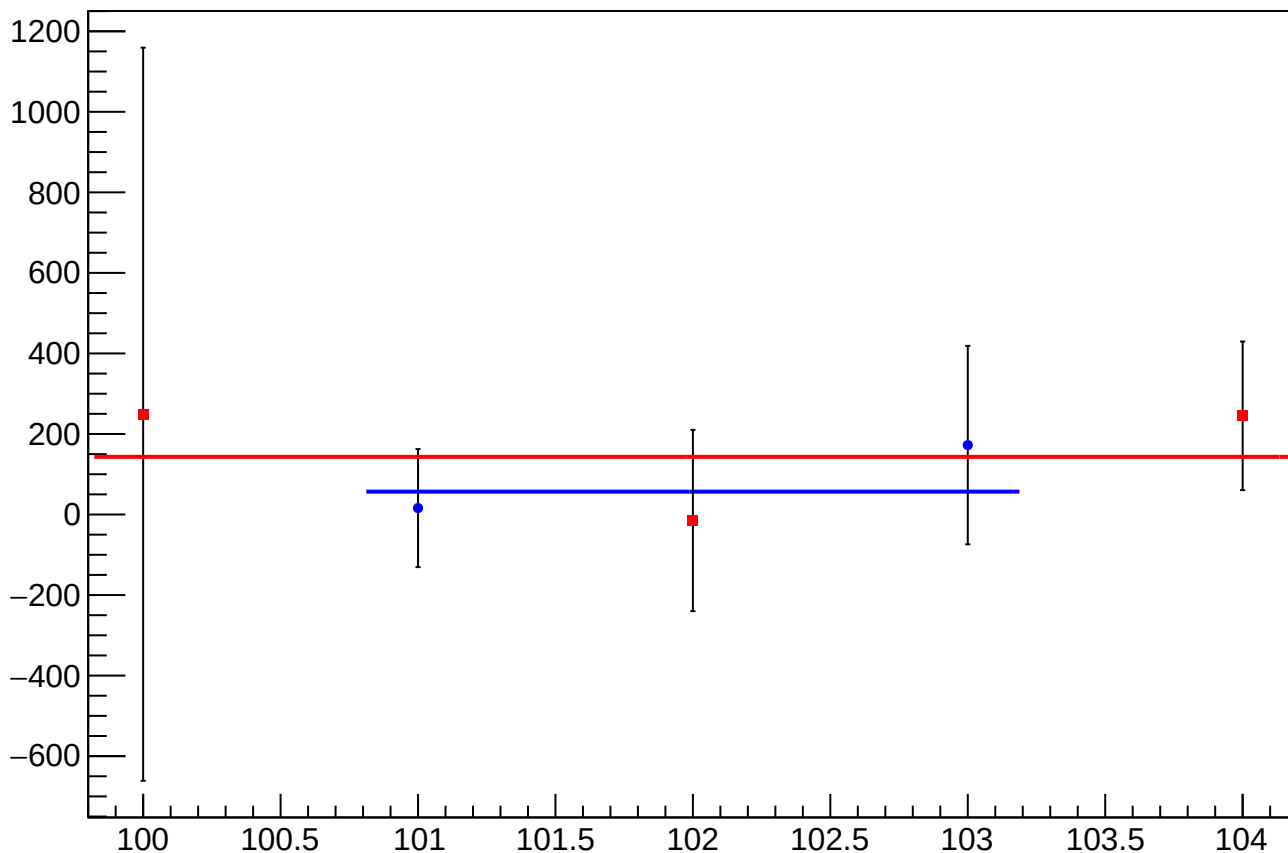
Right: 0.000+/-0.000 χ^2/NDF : 245297.4/4

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 : 245297.4/4

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: 143.228+/-140.968 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

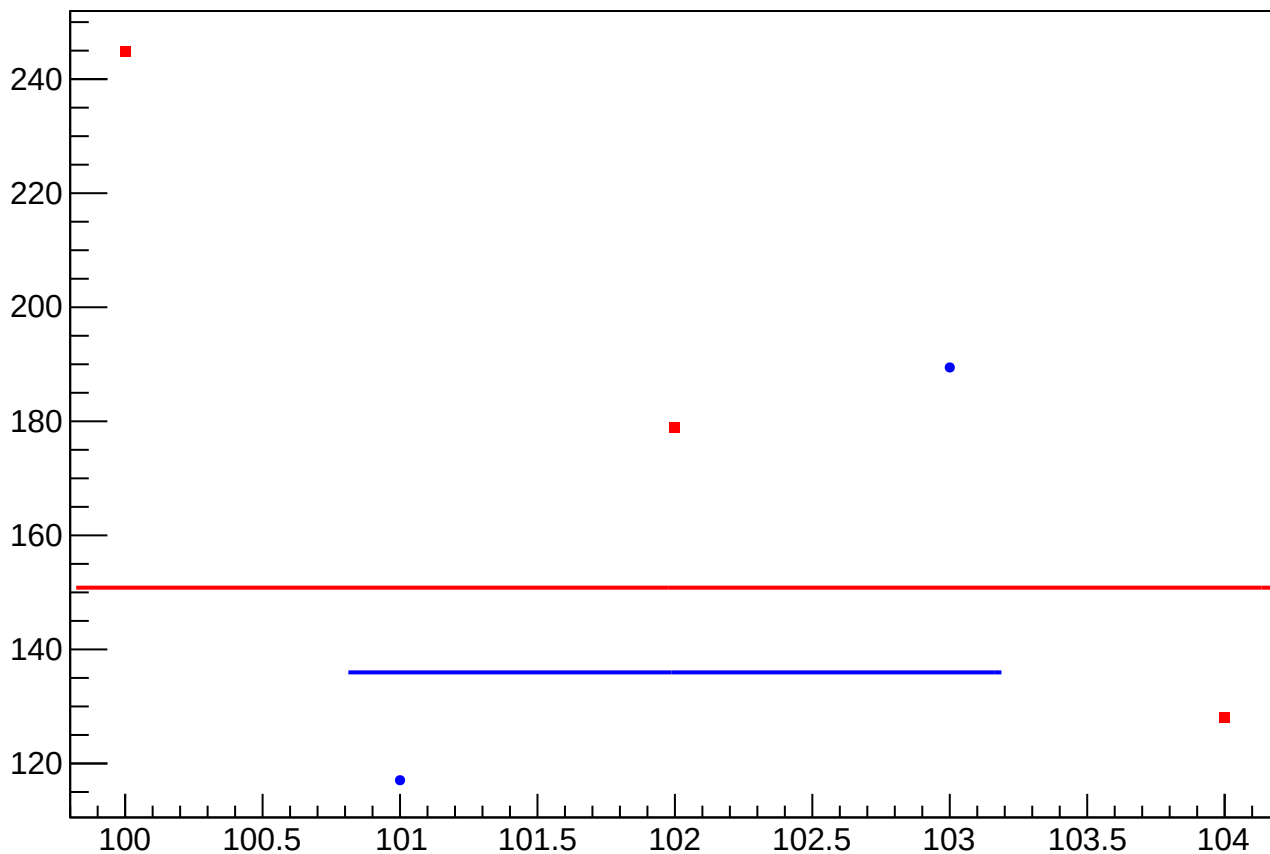
Right: 95.190+/-93.926 χ^2/NDF : 1.3/4

In: 56.838+/-125.958 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.190+/-93.926 χ^2/NDF : 1.3/4

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: 150.829+/-0.100 χ^2/NDF : 82908.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

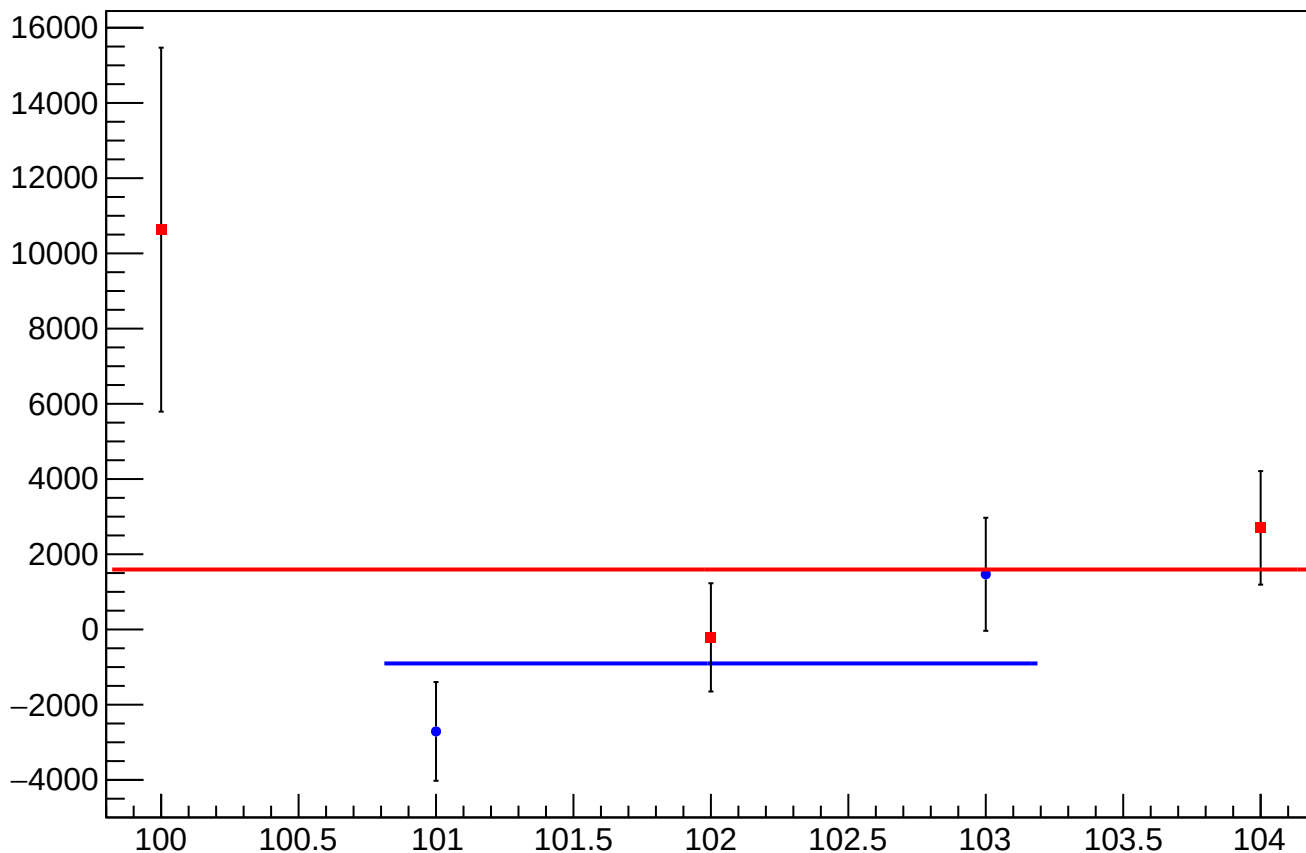
Right: 142.569+/-0.066 χ^2/NDF : 222702.4/4

In: 135.974+/-0.089 χ^2/NDF : 127442.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.569+/-0.066 χ^2/NDF : 222702.4/4

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: 1594.540+/-1018.468 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

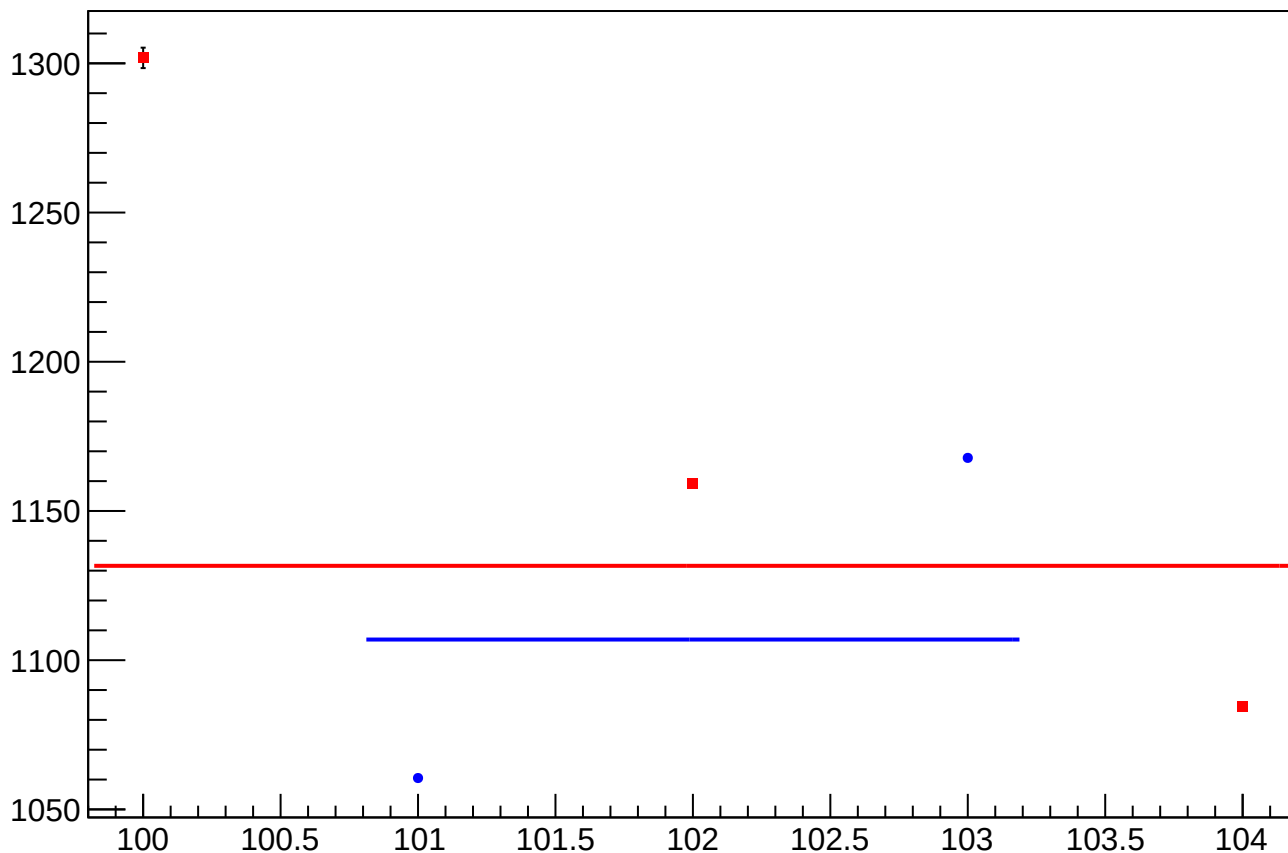
Right: 308.432+/-709.430 χ^2/NDF : 13.1/4

In: -903.752+/-988.764 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 308.432+/-709.430 χ^2/NDF : 13.1/4

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: 1131.621+/-0.720 χ^2/NDF : 5152.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

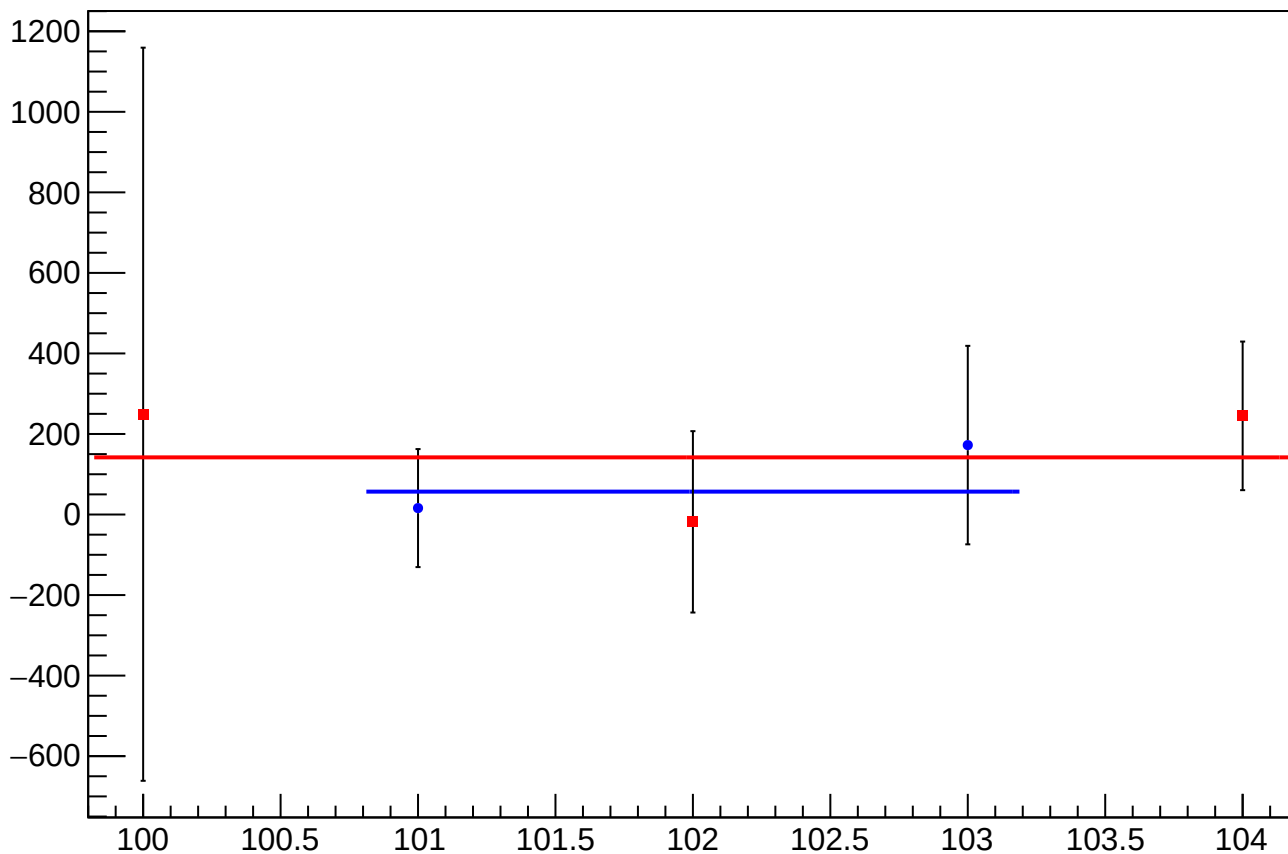
Right: 1118.905+/-0.502 χ^2/NDF : 11537.1/4

In: 1106.919+/-0.699 χ^2/NDF : 5779.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.905+/-0.502 χ^2/NDF : 11537.1/4

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848+/-125.958 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.925+/-140.996 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

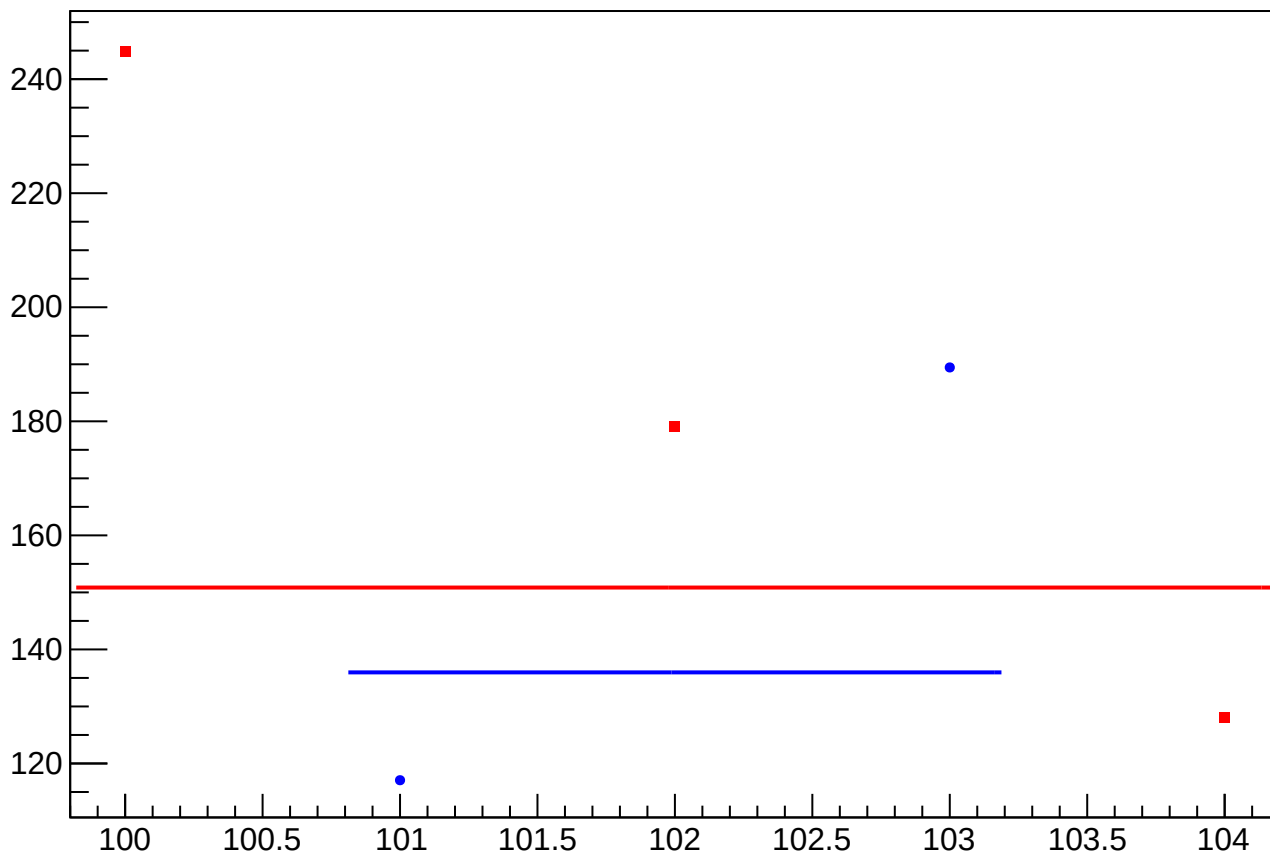
Right: 94.609+/-93.934 χ^2/NDF : 1.3/4

In: 56.848+/-125.958 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.609+/-93.934 χ^2/NDF : 1.3/4

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: 150.851+/-0.100 χ^2/NDF : 83054.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

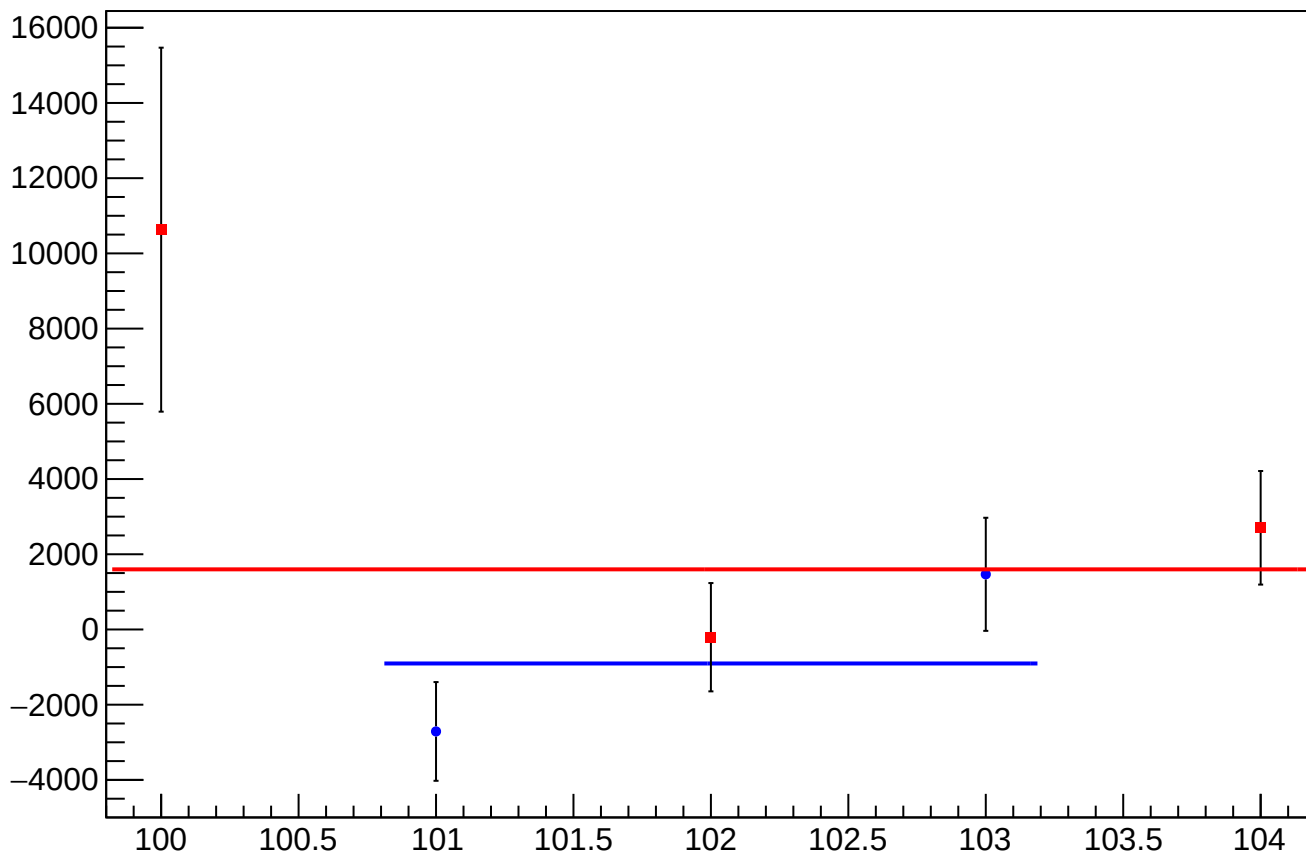
Right: 142.577+/-0.066 χ^2/NDF : 222883.7/4

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.577+/-0.066 χ^2/NDF : 222883.7/4

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: 1598.620+/-1018.766 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

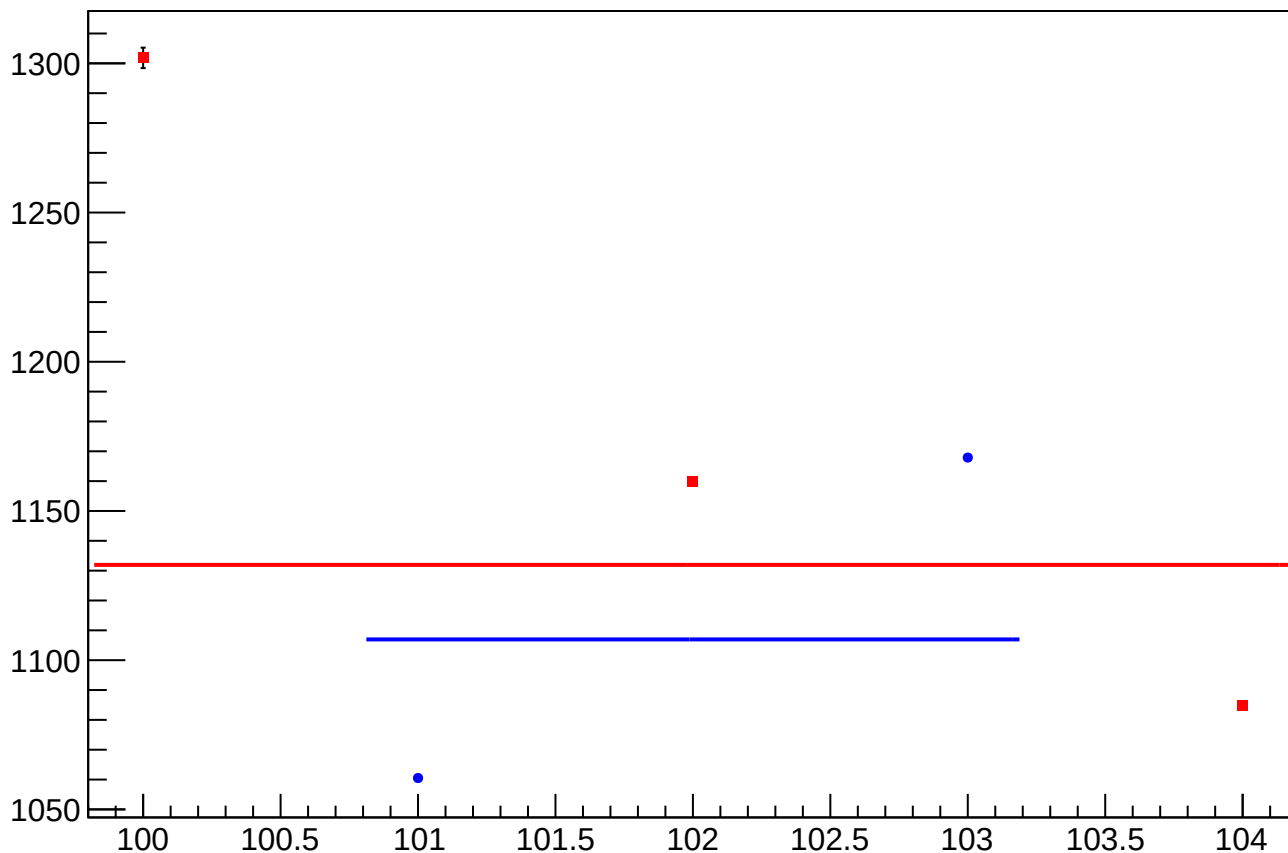
Right: 309.932+/-709.545 χ^2/NDF : 13.1/4

In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.932+/-709.545 χ^2/NDF : 13.1/4

asym_sam_48_avg_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: 1131.931+/-0.720 χ^2/NDF : 5175.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

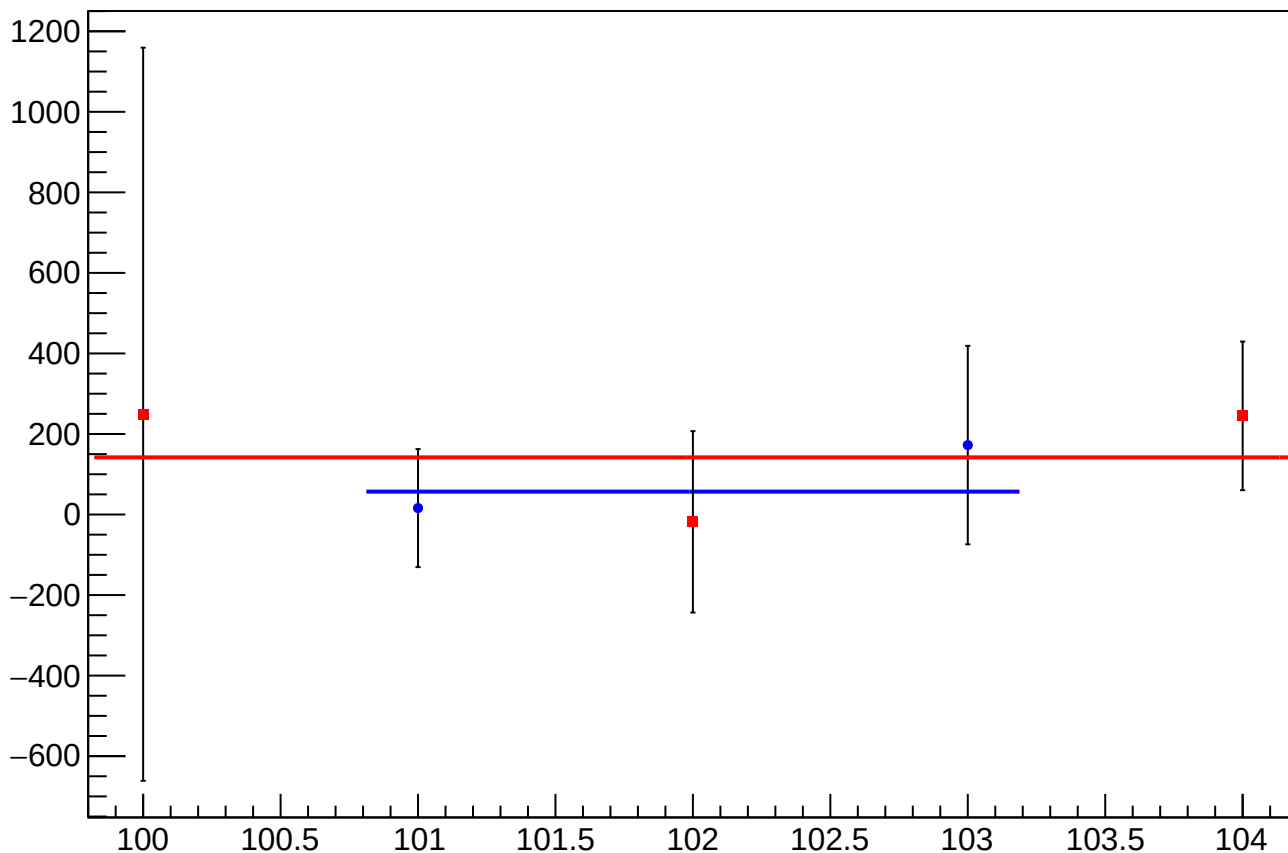
Right: 1119.073+/-0.502 χ^2/NDF : 11584.0/4

In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.073+/-0.502 χ^2/NDF : 11584.0/4

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 56.848+/-125.958 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.925+/-140.996 χ^2/NDF : 0.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

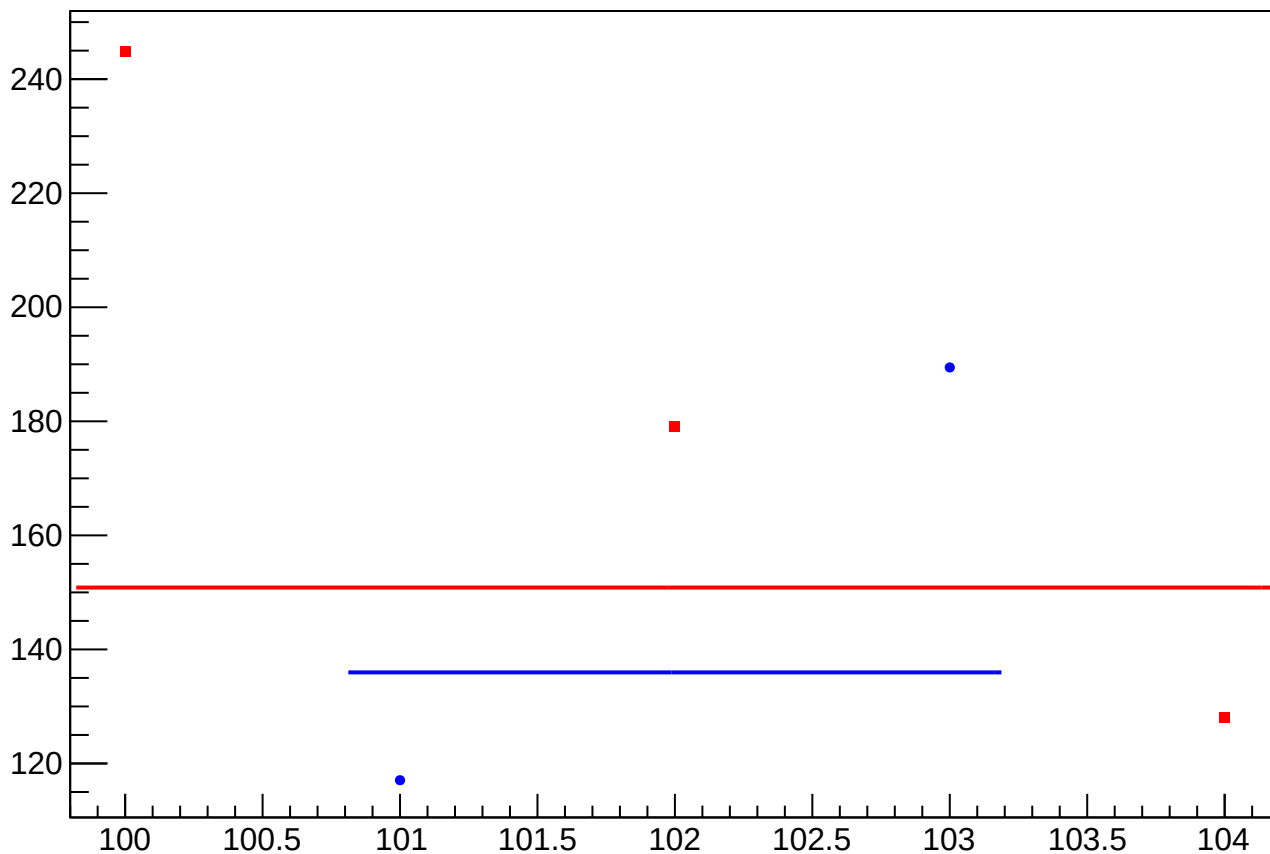
Right: 94.609+/-93.934 χ^2/NDF : 1.3/4

In: 56.848+/-125.958 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.609+/-93.934 χ^2/NDF : 1.3/4

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: 150.851+/-0.100 χ^2/NDF : 83054.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

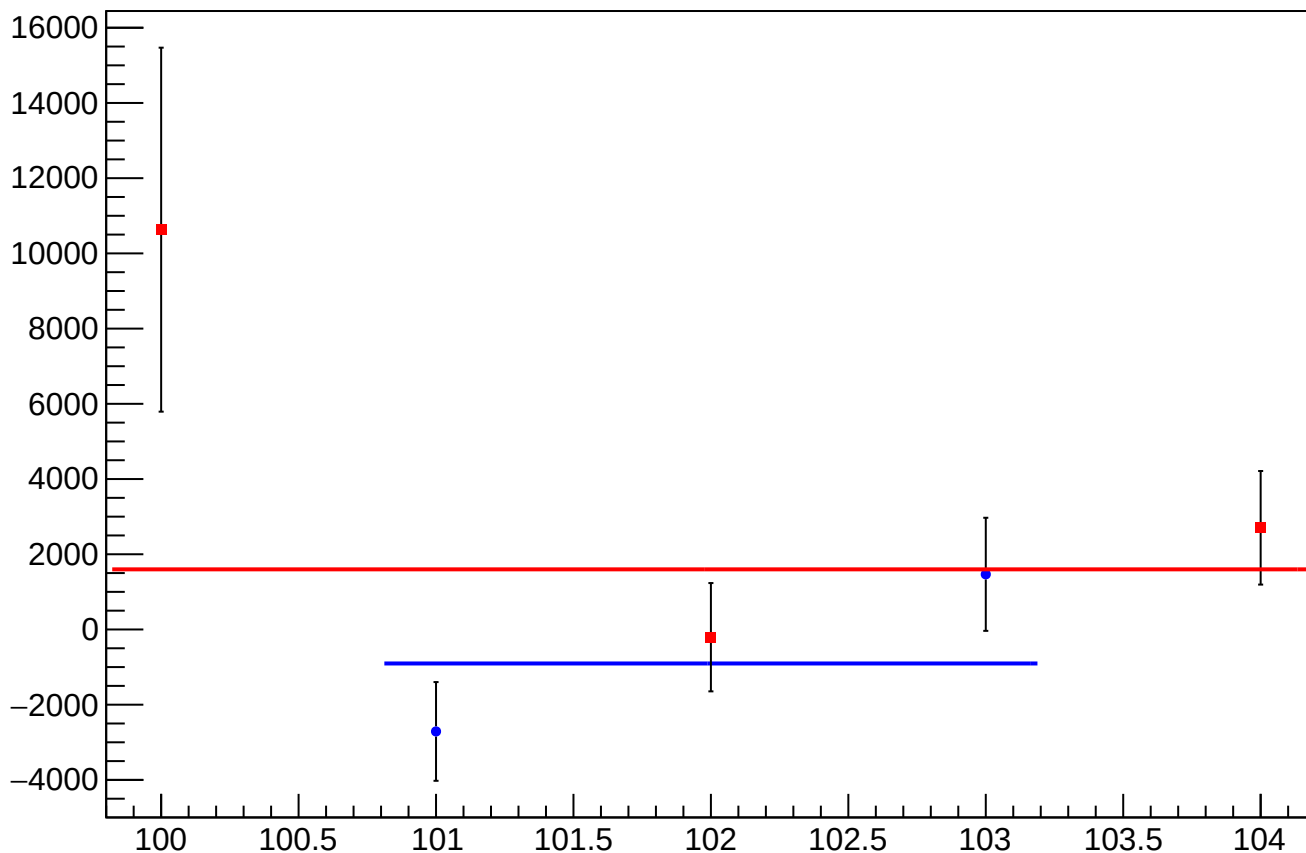
Right: 142.577+/-0.066 χ^2/NDF : 222883.7/4

In: 135.974+/-0.089 χ^2/NDF : 127445.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.577+/-0.066 χ^2/NDF : 222883.7/4

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: 1598.620+/-1018.766 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

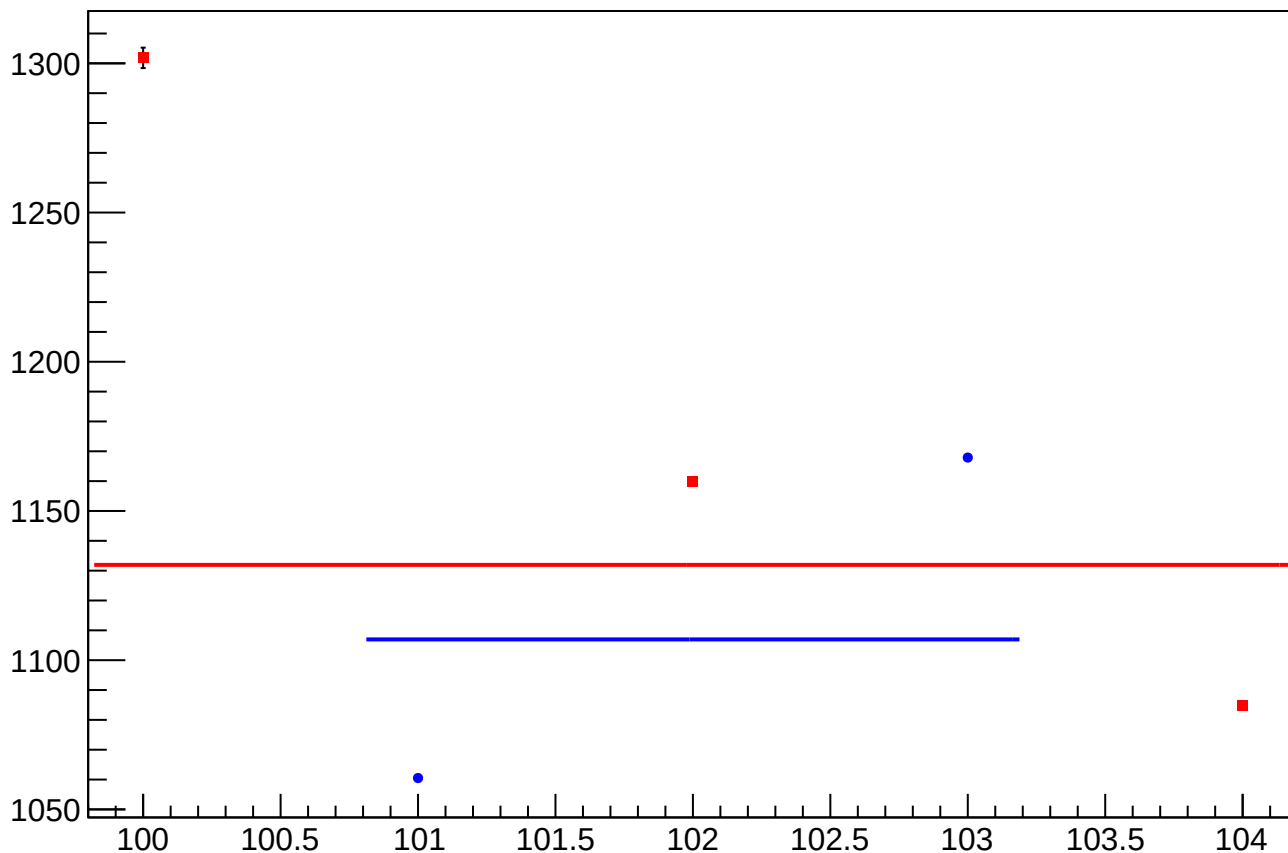
Right: 309.932+/-709.545 χ^2/NDF : 13.1/4

In: -904.063+/-988.802 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.932+/-709.545 χ^2/NDF : 13.1/4

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: 1131.931+/-0.720 χ^2/NDF : 5175.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

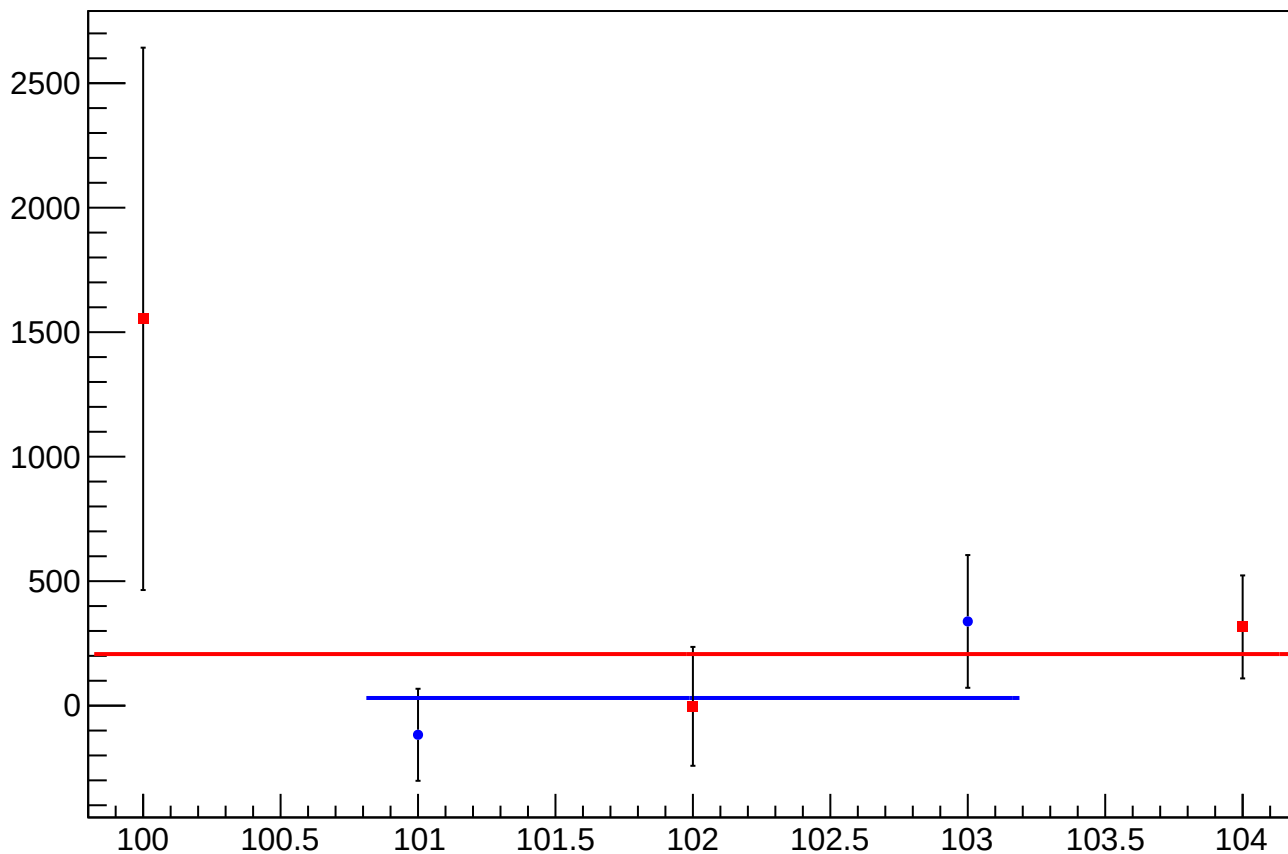
Right: 1119.073+/-0.502 χ^2/NDF : 11584.0/4

In: 1106.959+/-0.699 χ^2/NDF : 5789.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1119.073+/-0.502 χ^2/NDF : 11584.0/4

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 30.812+/-151.864 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 207.189+/-154.734 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

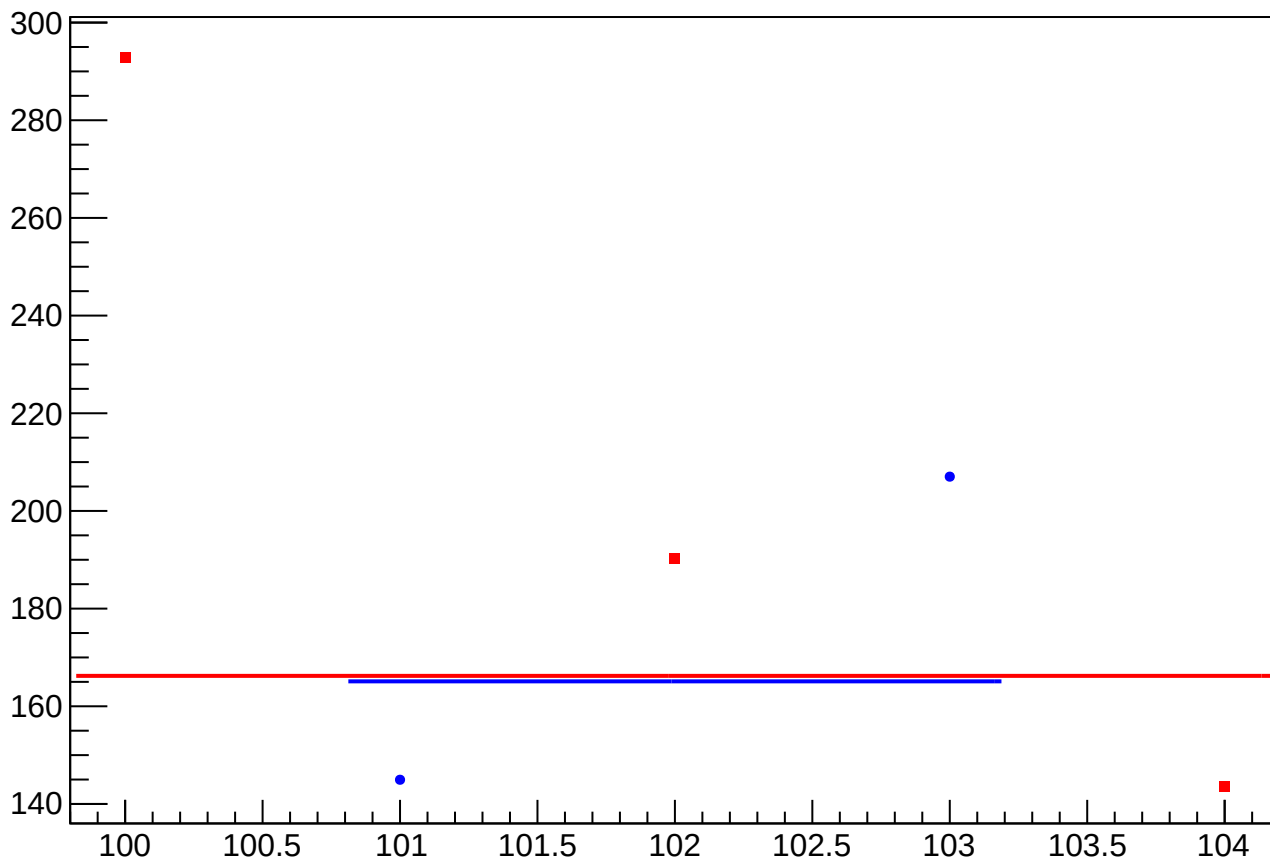
Right: 117.350+/-108.384 χ^2/NDF : 5.2/4

In: 30.812+/-151.864 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.350+/-108.384 χ^2/NDF : 5.2/4

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: 166.230+/-0.109 χ^2/NDF : 71044.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

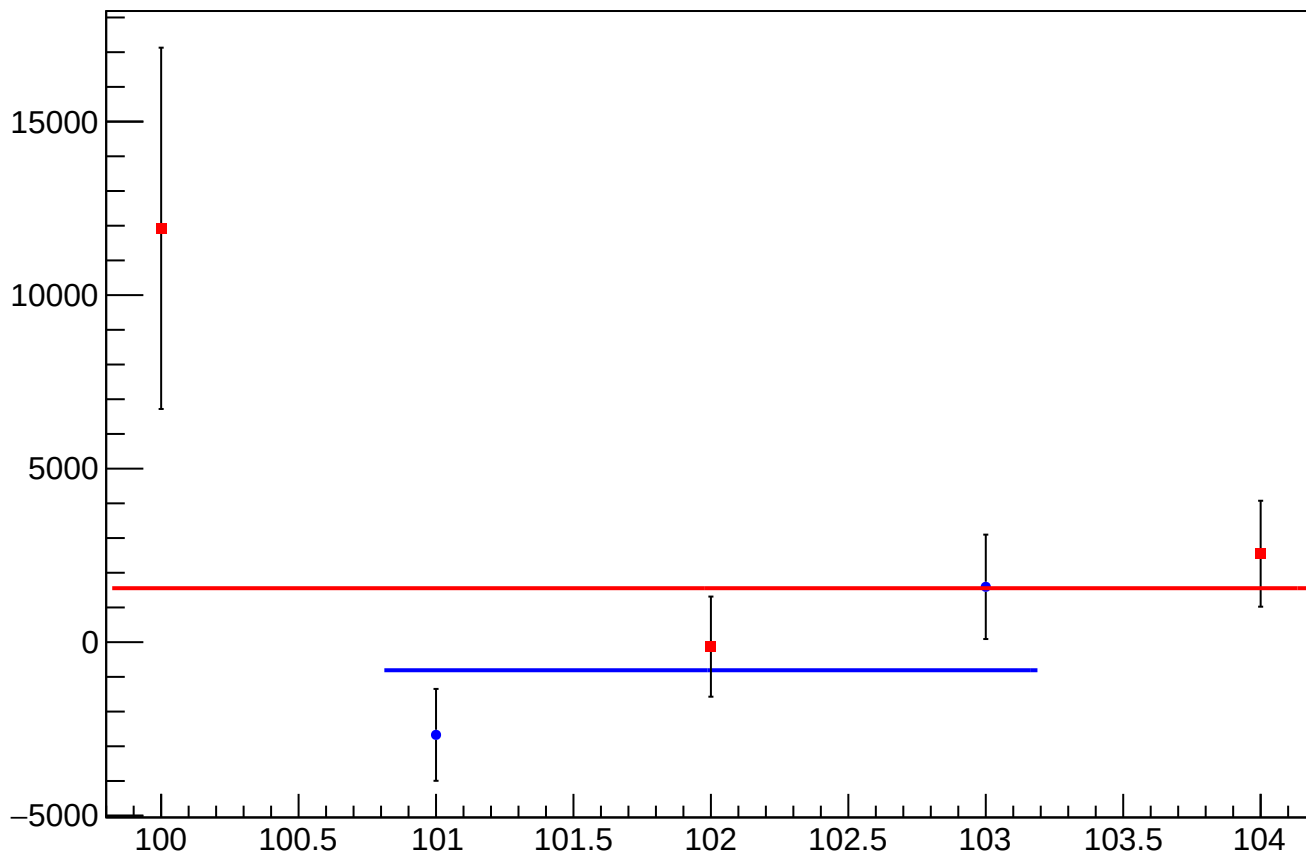
Right: 165.657+/-0.077 χ^2/NDF : 144336.8/4

In: 165.105+/-0.107 χ^2/NDF : 73238.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.657+/-0.077 χ^2/NDF : 144336.8/4

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -809.220 ± 993.681 $\chi^2/\text{NDF}: 4.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1554.945 ± 1027.762 $\chi^2/\text{NDF}: 5.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

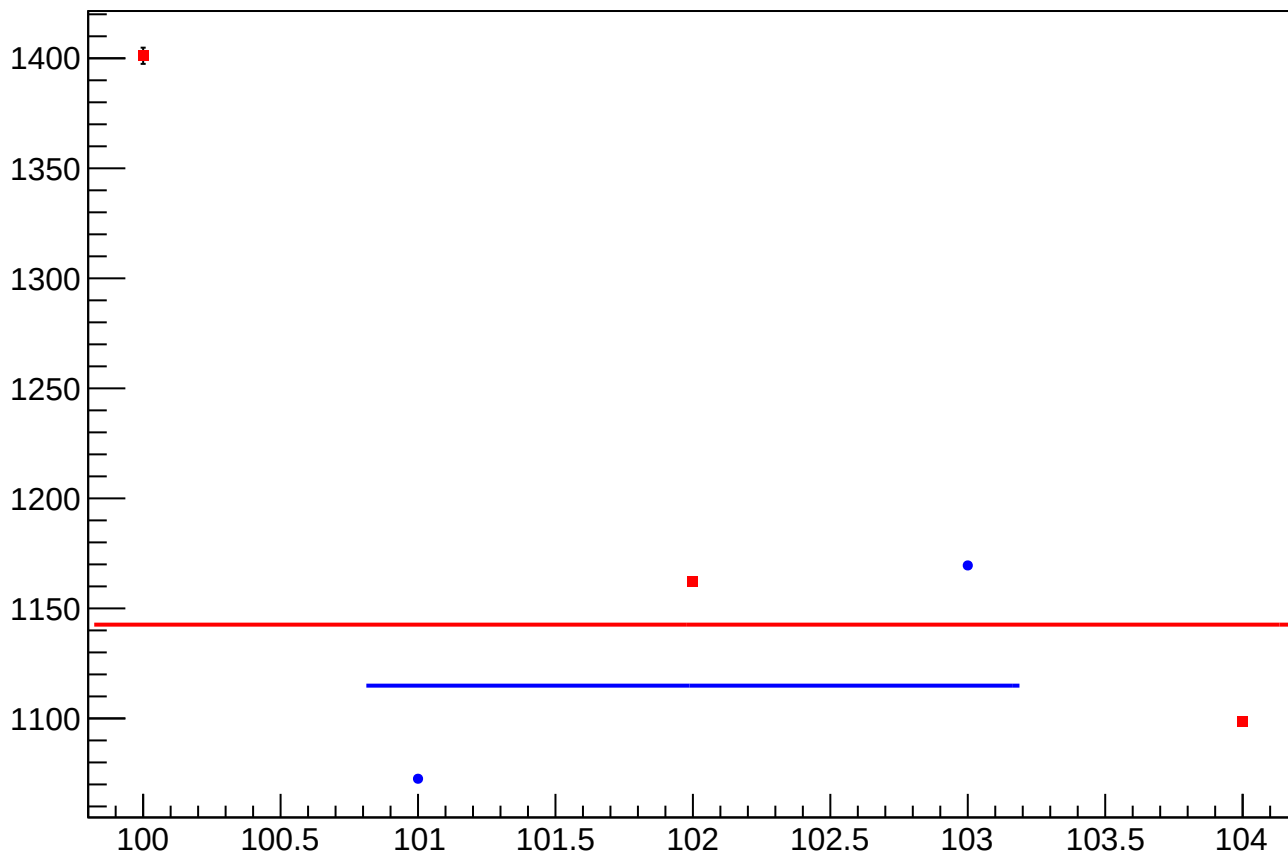
Right: 333.016 ± 714.383 $\chi^2/\text{NDF}: 13.0/4$

In: -809.220 ± 993.681 $\chi^2/\text{NDF}: 4.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 333.016 ± 714.383 $\chi^2/\text{NDF}: 13.0/4$

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: 1142.621 $\pm$ 0.727 χ^2 /NDF: 6981.7/2

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

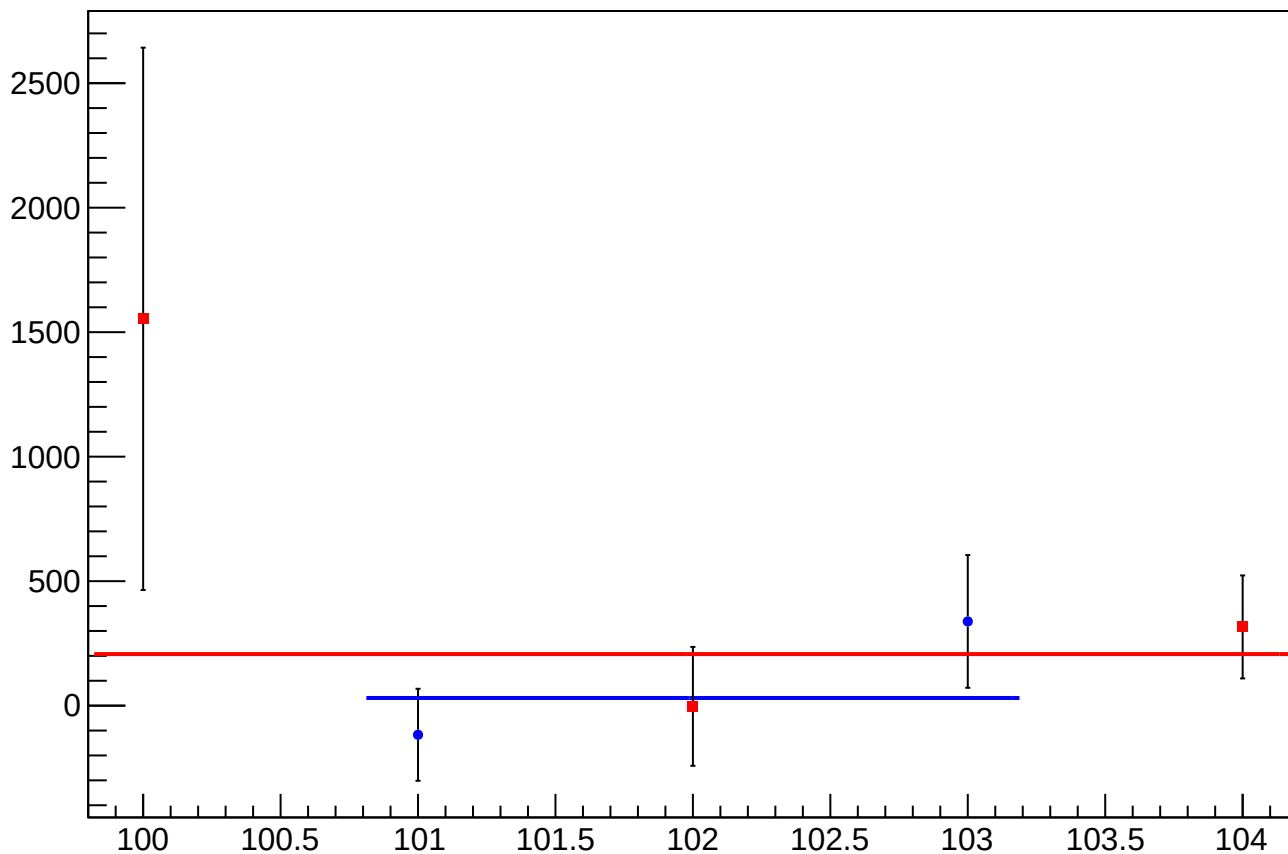
Right: 1128.292 $\pm$ 0.505 χ^2 /NDF: 12415.1/4

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: 1128.292 $\pm$ 0.505 χ^2 /NDF: 12415.1/4

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: 207.188+/-154.734 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

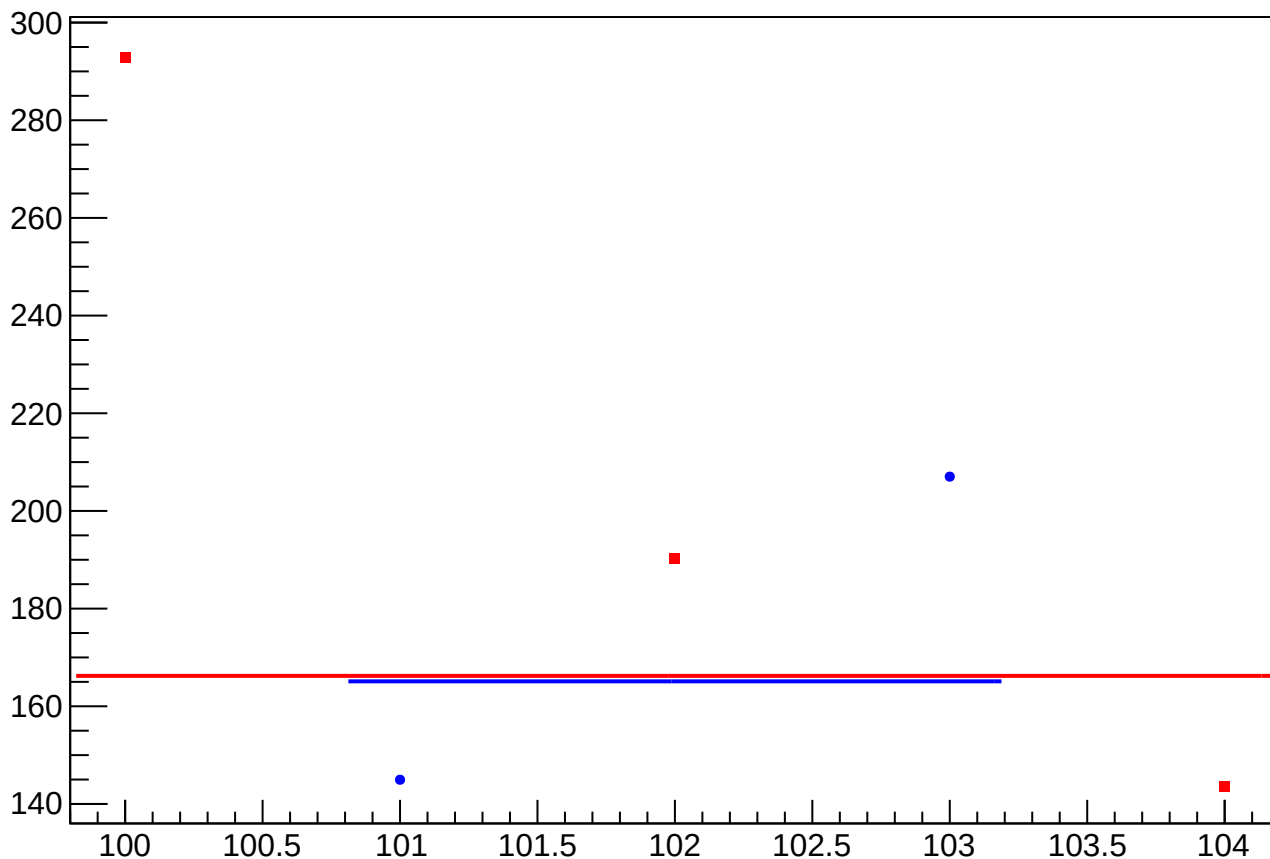
Right: 117.351+/-108.385 χ^2/NDF : 5.2/4

In: 30.816+/-151.864 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.351+/-108.385 χ^2/NDF : 5.2/4

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: 166.230+/-0.109 χ^2/NDF : 71044.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

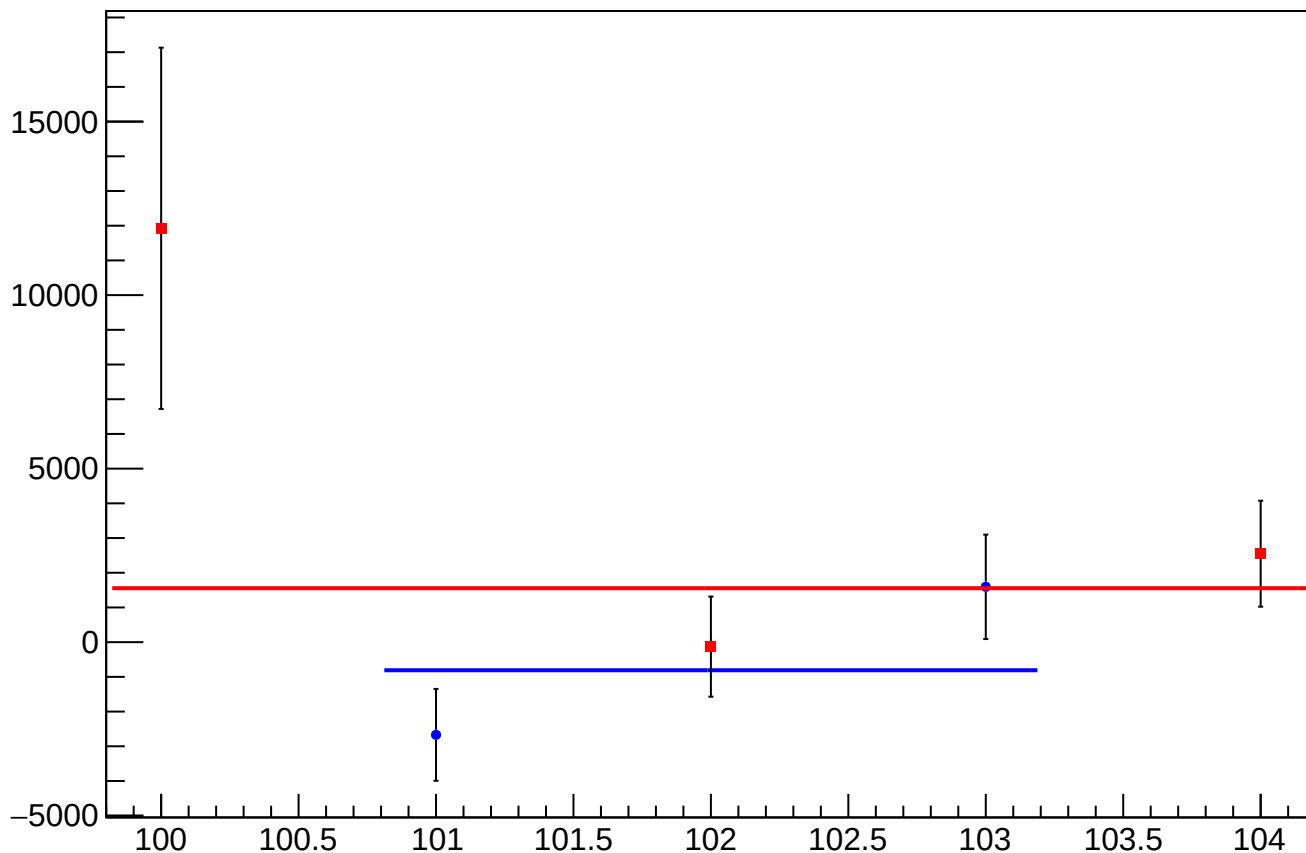
Right: 165.657+/-0.077 χ^2/NDF : 144335.3/4

In: 165.106+/-0.107 χ^2/NDF : 73237.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.657+/-0.077 χ^2/NDF : 144335.3/4

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: 1554.945+/-1027.762 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

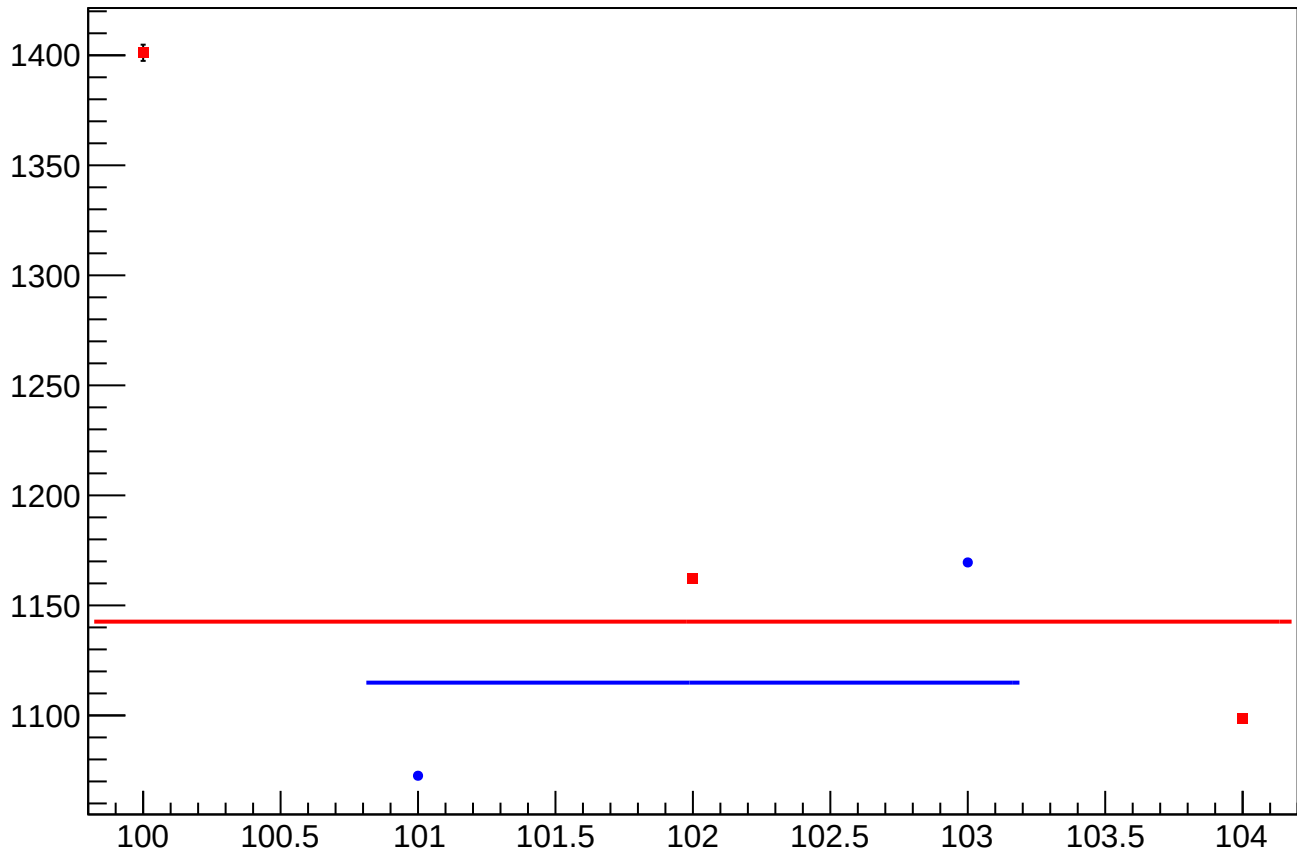
Right: 333.015+/-714.383 χ^2/NDF : 13.0/4

In: -809.221+/-993.681 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.015+/-714.383 χ^2/NDF : 13.0/4

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: 1142.621 ± 0.727 $\chi^2/\text{NDF}: 6981.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

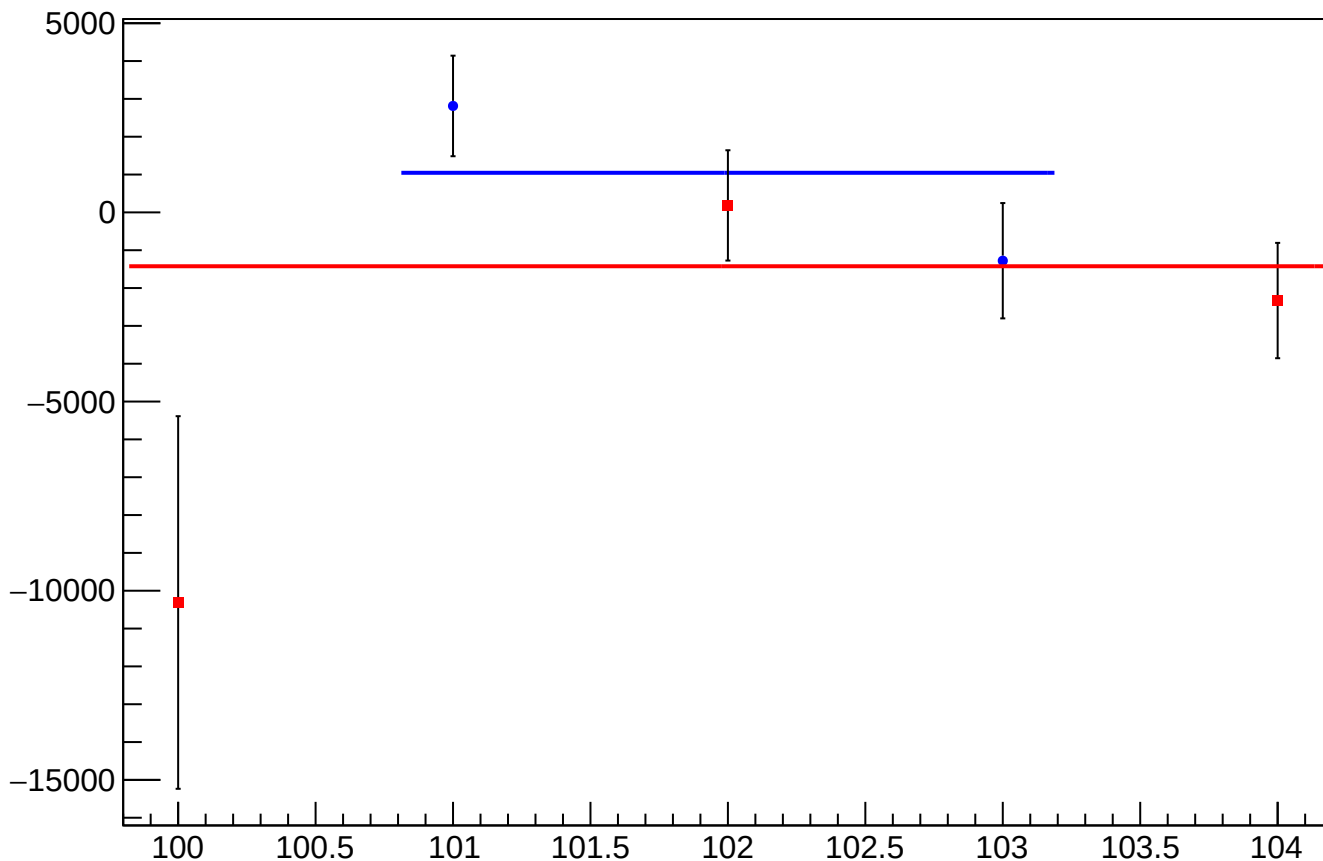
Right: 1128.292 ± 0.505 $\chi^2/\text{NDF}: 12415.1/4$

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: 1128.292 ± 0.505 $\chi^2/\text{NDF}: 12415.1/4$

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: -1423.823+/-1030.175 χ^2 /NDF: 4.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

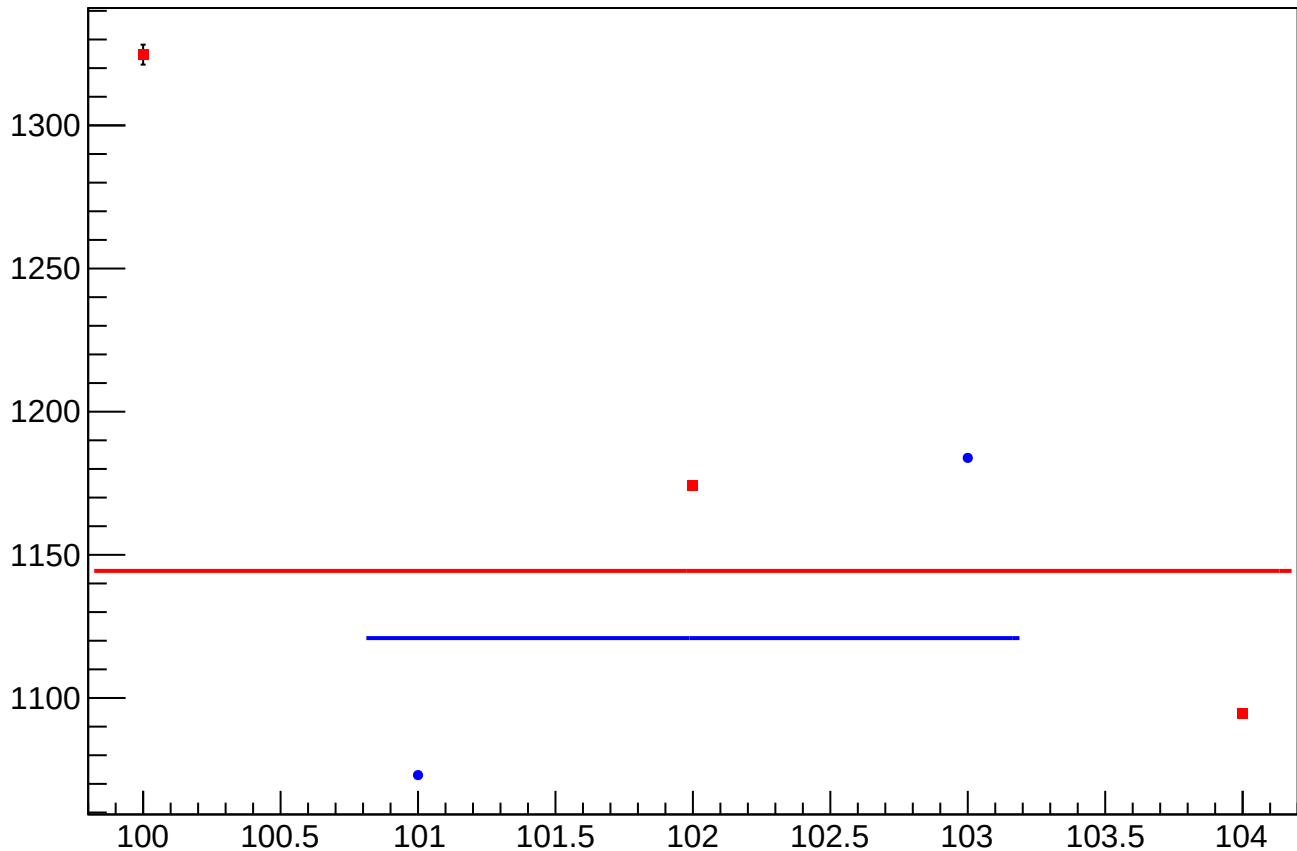
Right: -154.047+/-718.143 χ^2 /NDF: 11.9/4

In: 1046.360+/-1001.640 χ^2 /NDF:4.1/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -154.047+/-718.143 χ^2 /NDF: 11.9/4

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1120.915 $\pm$ 0.708 χ^2 /NDF: 6004.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1144.394 $\pm$ 0.728 χ^2 /NDF: 5647.3/2

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

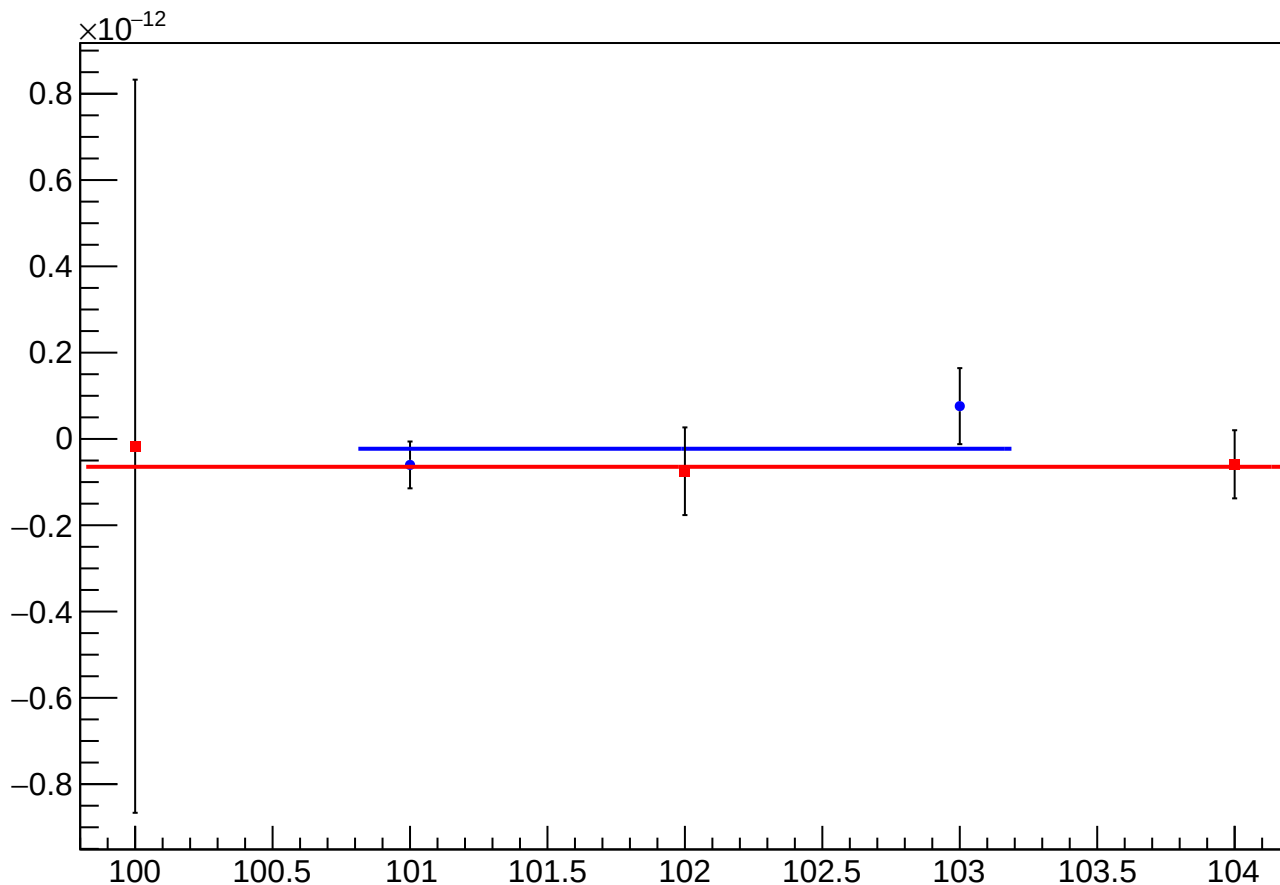
Right: 1132.325 $\pm$ 0.508 χ^2 /NDF: 12185.7/4

In: 1120.915 $\pm$ 0.708 χ^2 /NDF:6004.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1132.325 $\pm$ 0.508 χ^2 /NDF: 12185.7/4

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 : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

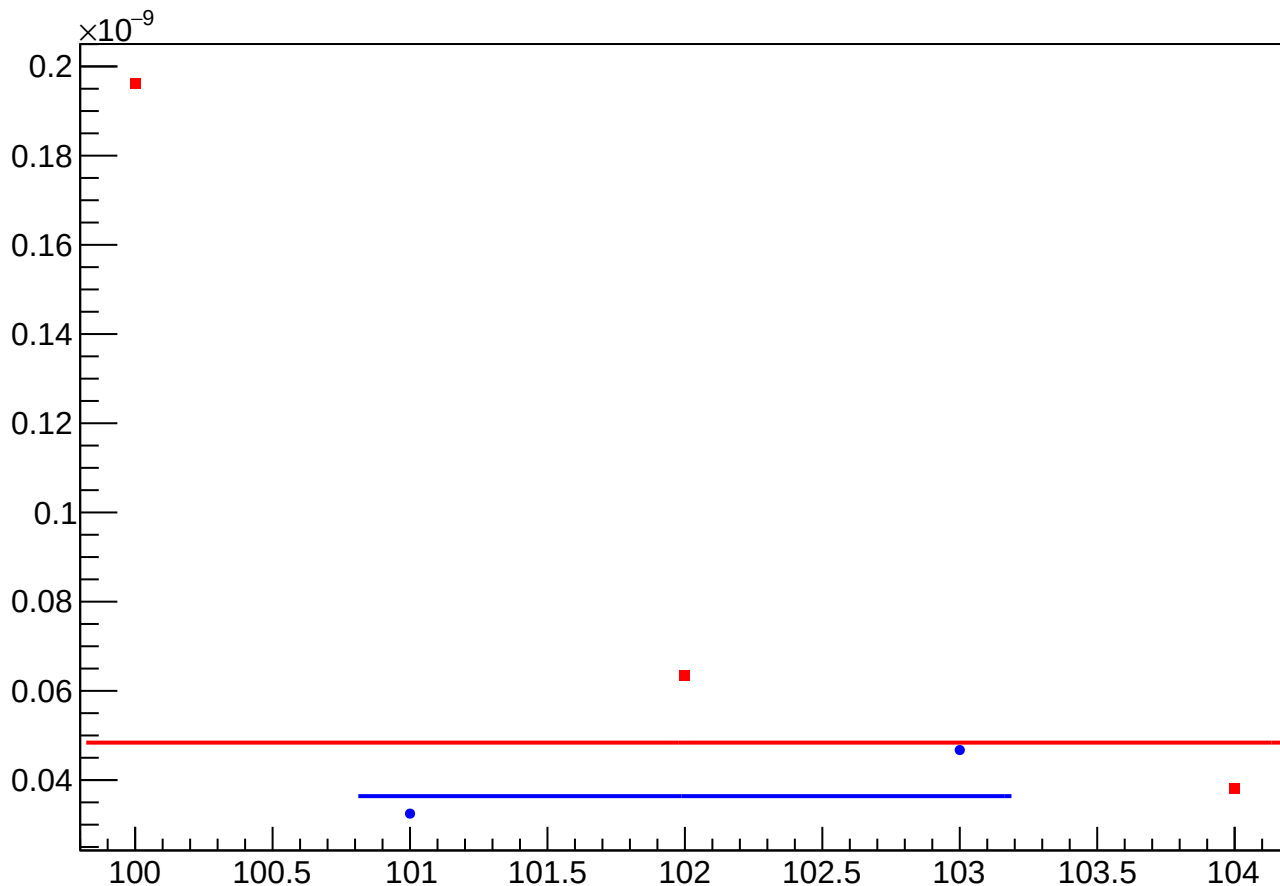
Right: -0.000+/-0.000 χ^2/NDF : 2.0/4

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 : 2.0/4

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 : 139390.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

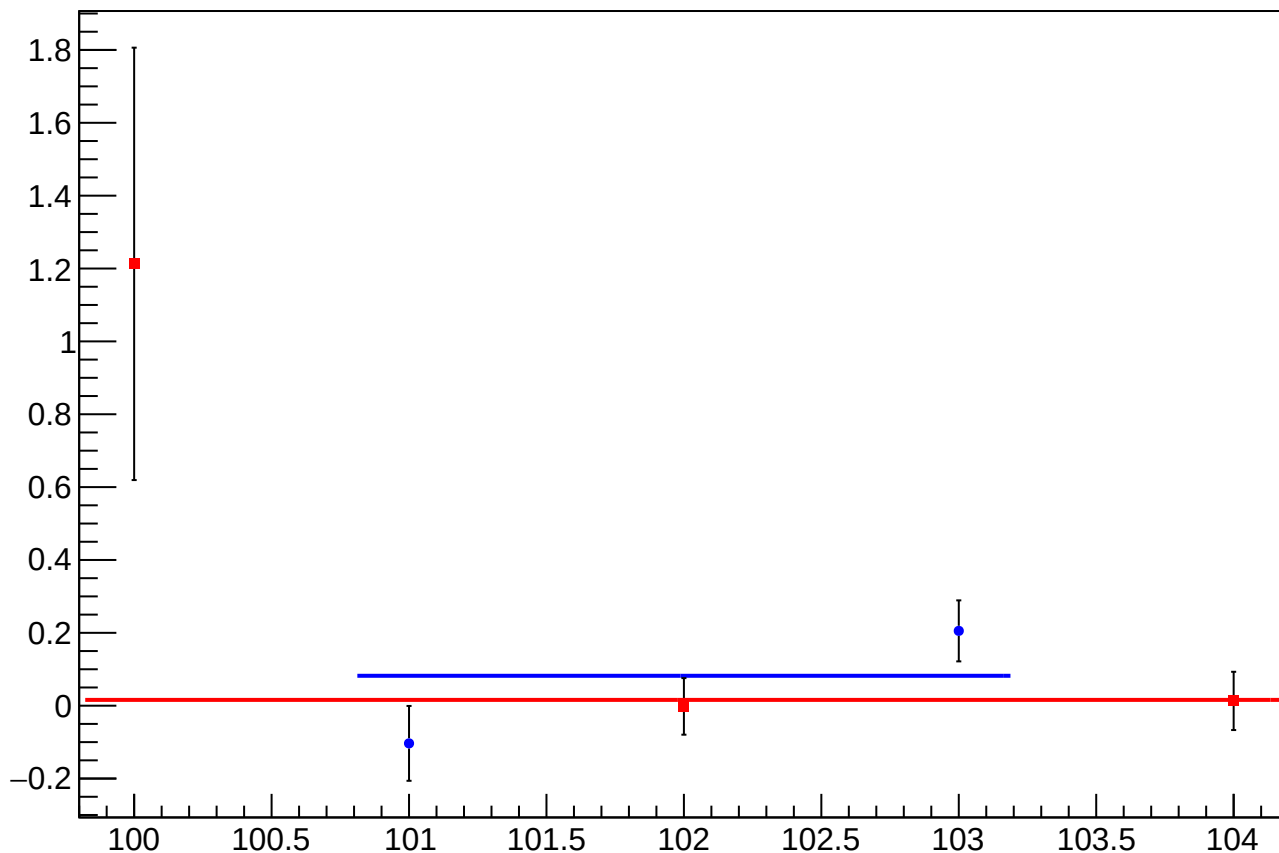
Right: 0.000+/-0.000 χ^2/NDF : 225353.1/4

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 : 225353.1/4

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.055 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

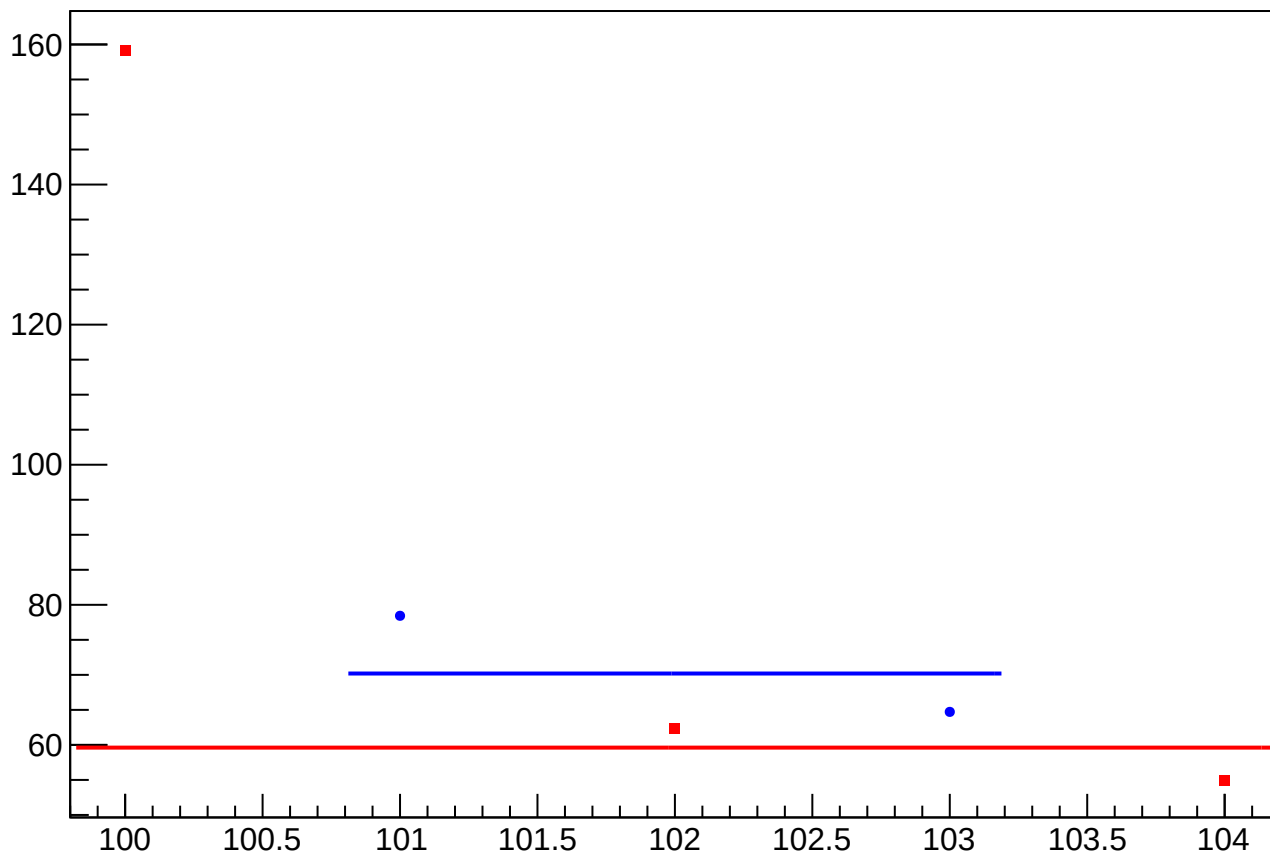
Right: 0.044+/-0.042 χ^2/NDF : 10.2/4

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.042 χ^2/NDF : 10.2/4

asym_sam_48_avg_dit_vs_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: 59.613+/-0.039 χ^2/NDF : 65530.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

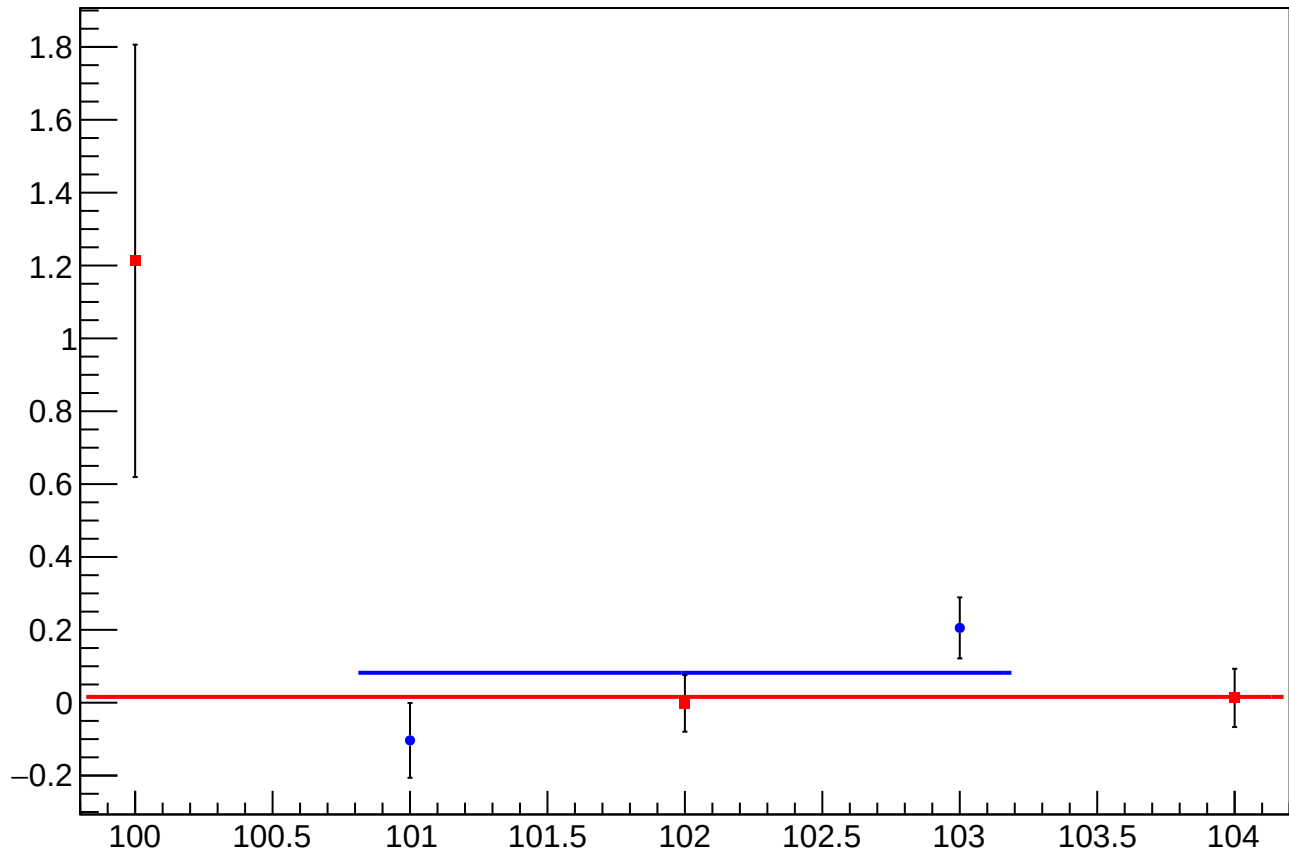
Right: 64.077+/-0.030 χ^2/NDF : 117662.8/4

In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.077+/-0.030 χ^2/NDF : 117662.8/4

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.055 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

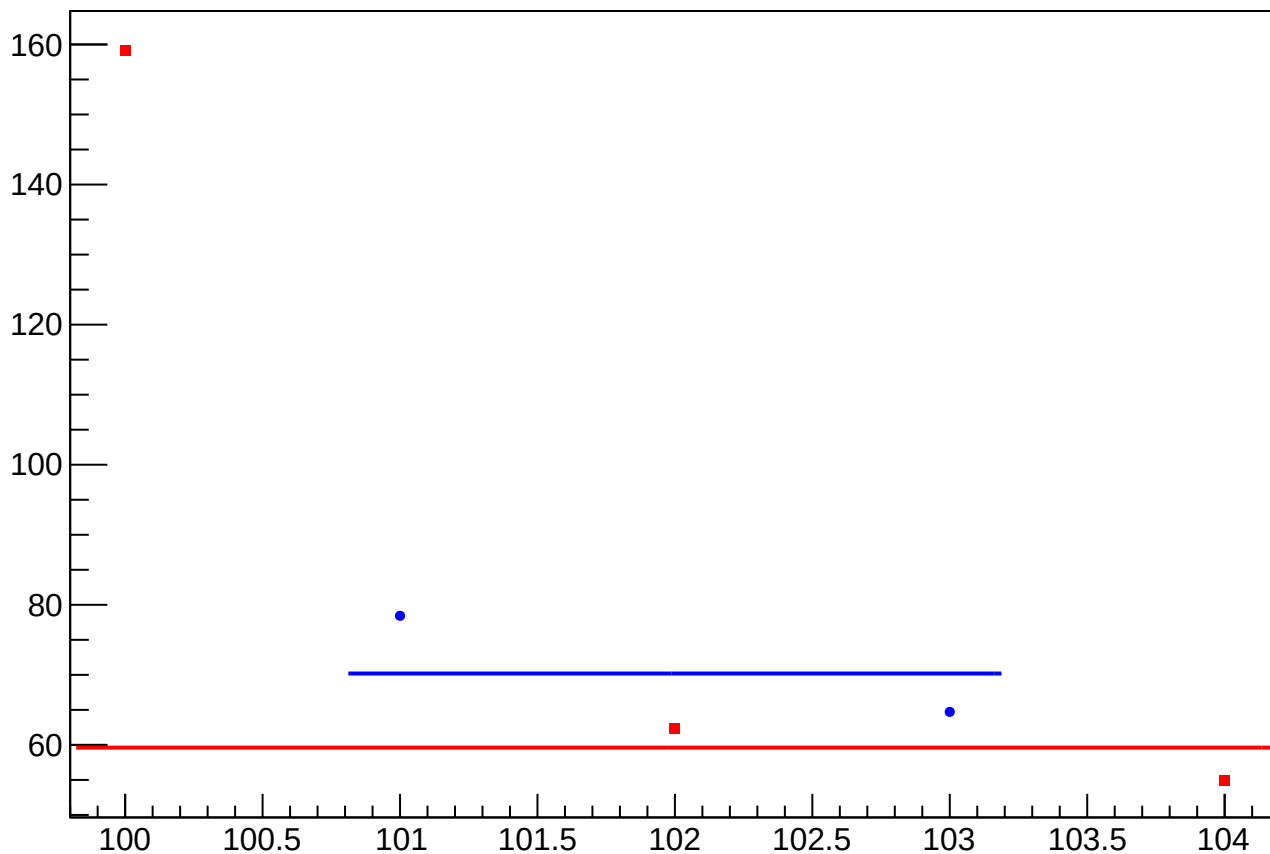
Right: 0.044+/-0.042 χ^2/NDF : 10.2/4

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.042 χ^2/NDF : 10.2/4

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: 59.613+/-0.039 χ^2/NDF : 65530.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

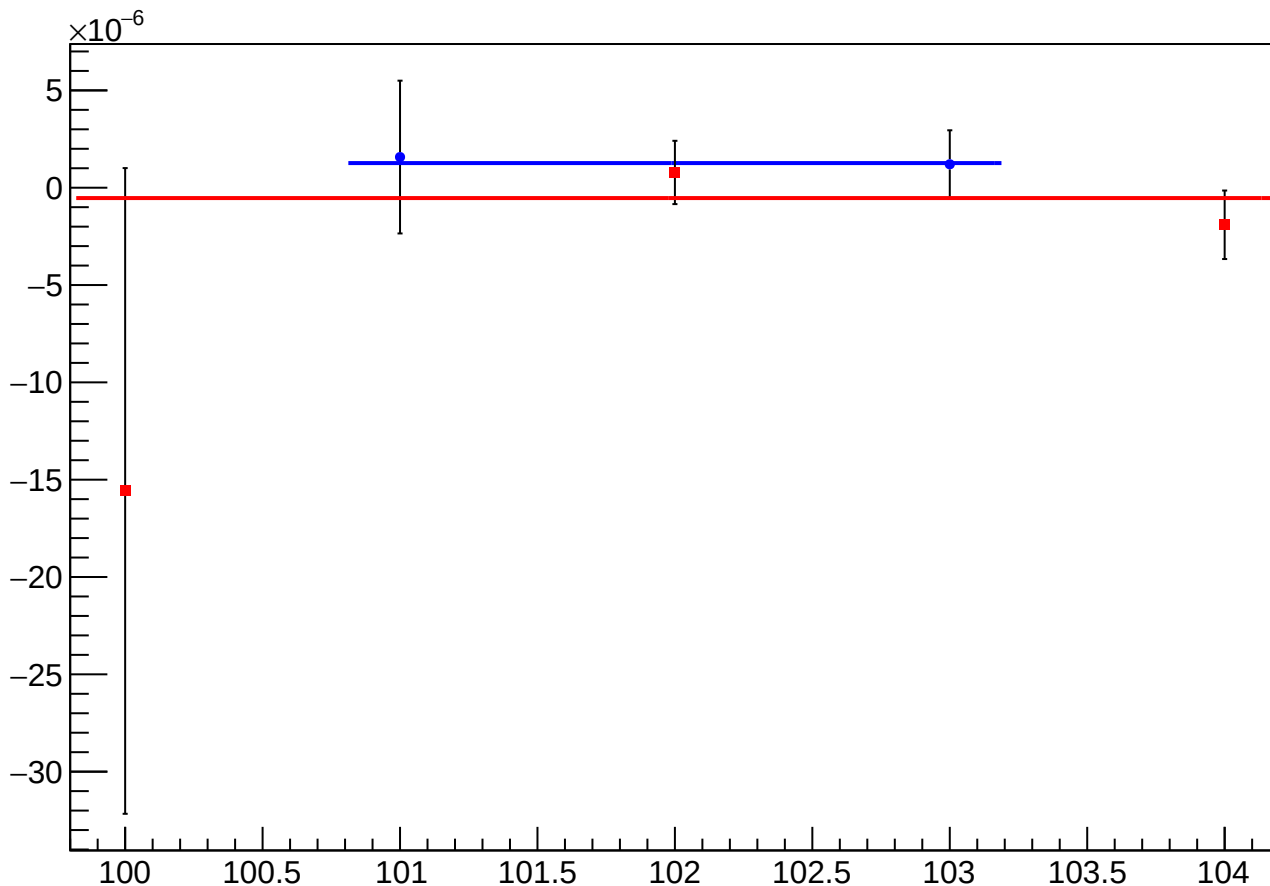
Right: 64.077+/-0.030 χ^2/NDF : 117662.8/4

In: 70.191+/-0.046 χ^2/NDF : 21425.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.077+/-0.030 χ^2/NDF : 117662.8/4

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

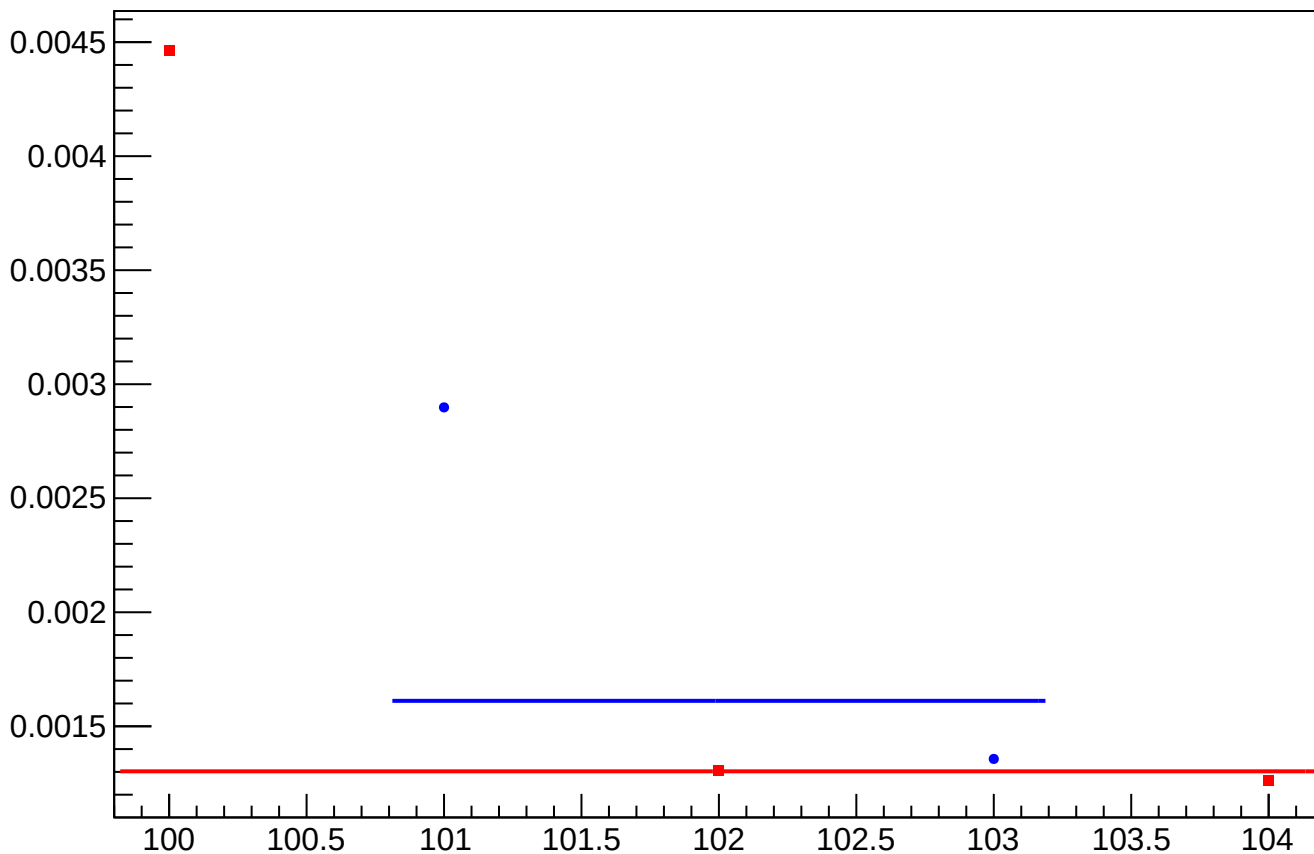
Right: 0.000+/-0.000 χ^2/NDF : 2.9/4

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 : 2.9/4

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 : 73720.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

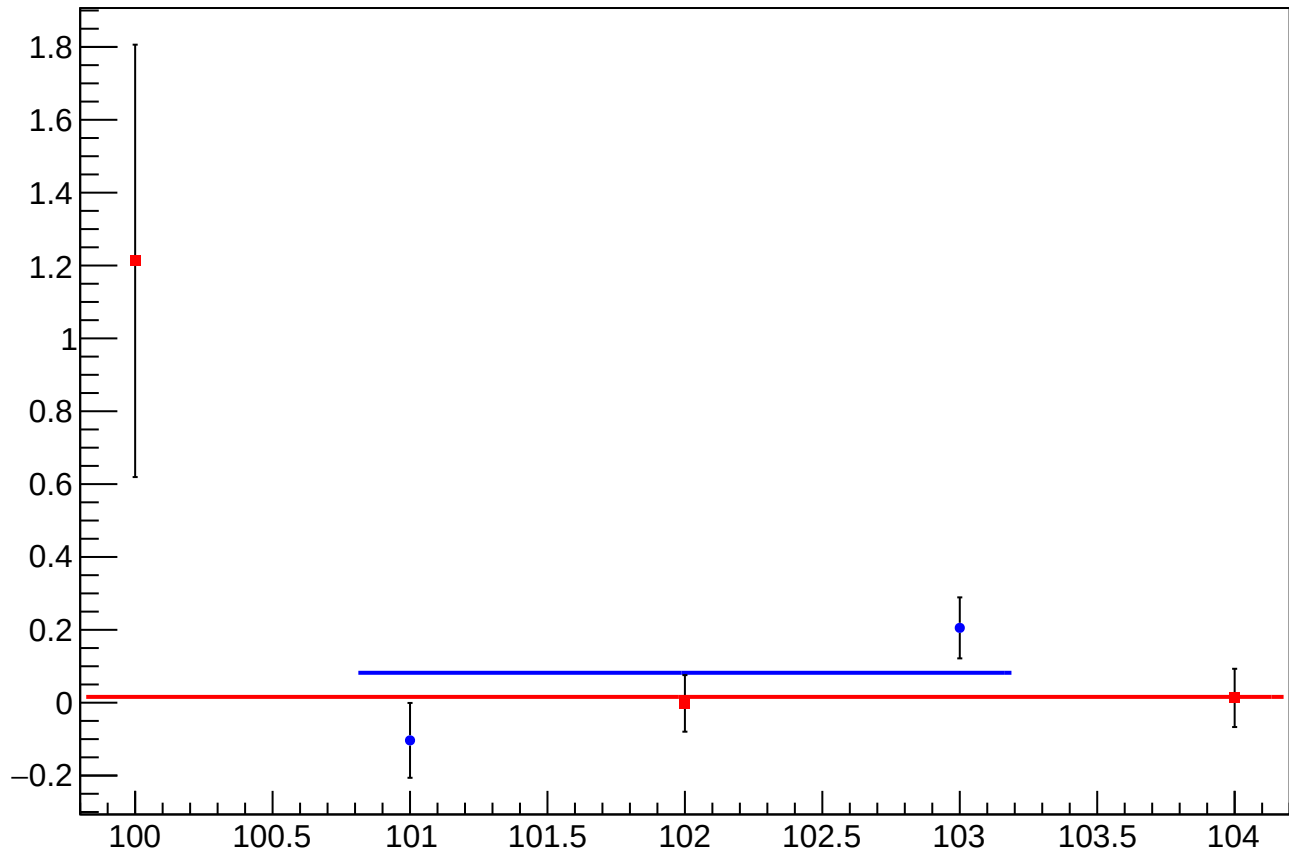
Right: 0.001+/-0.000 χ^2/NDF : 379537.1/4

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 : 379537.1/4

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.055 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

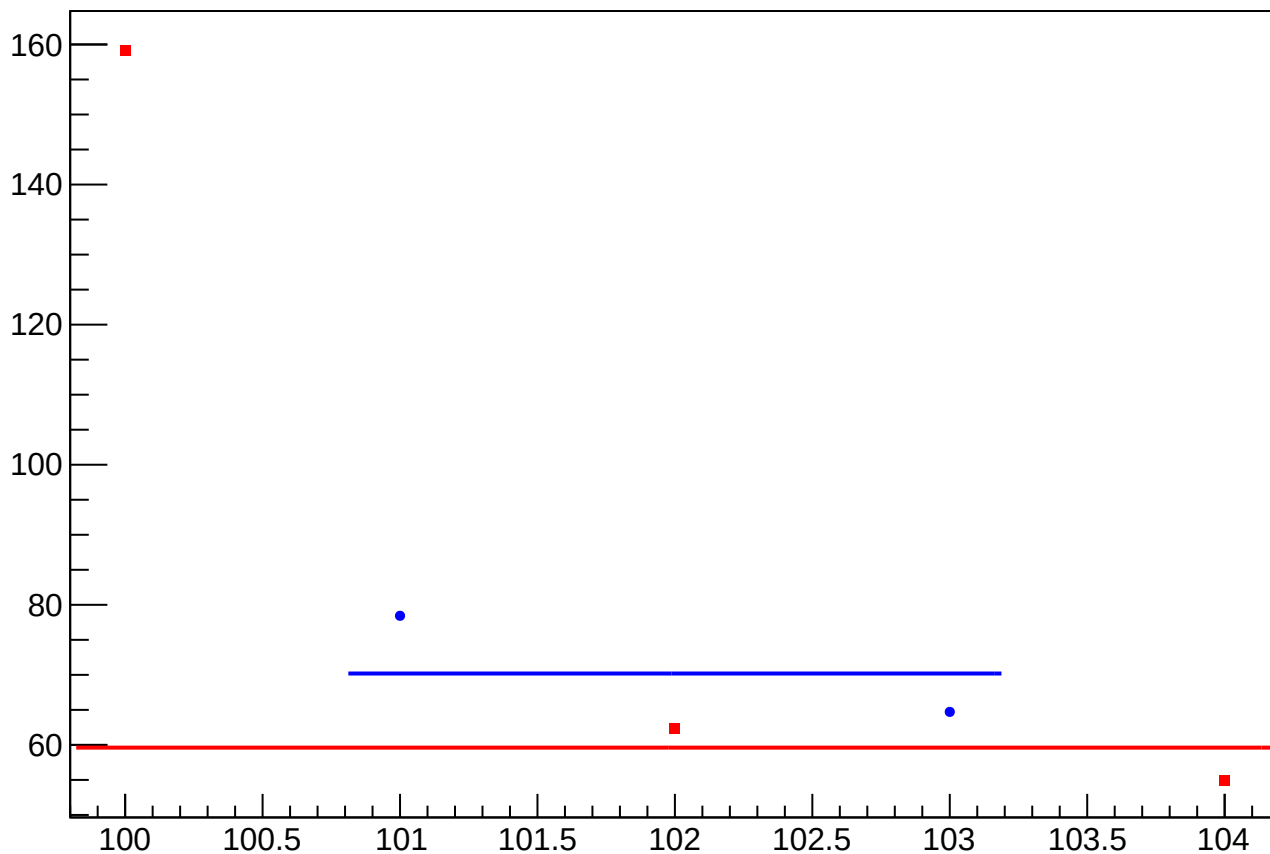
Right: 0.044+/-0.042 χ^2/NDF : 10.2/4

In: 0.082+/-0.065 χ^2/NDF : 5.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.042 χ^2/NDF : 10.2/4

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: 59.613+/-0.039 χ^2/NDF : 65530.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

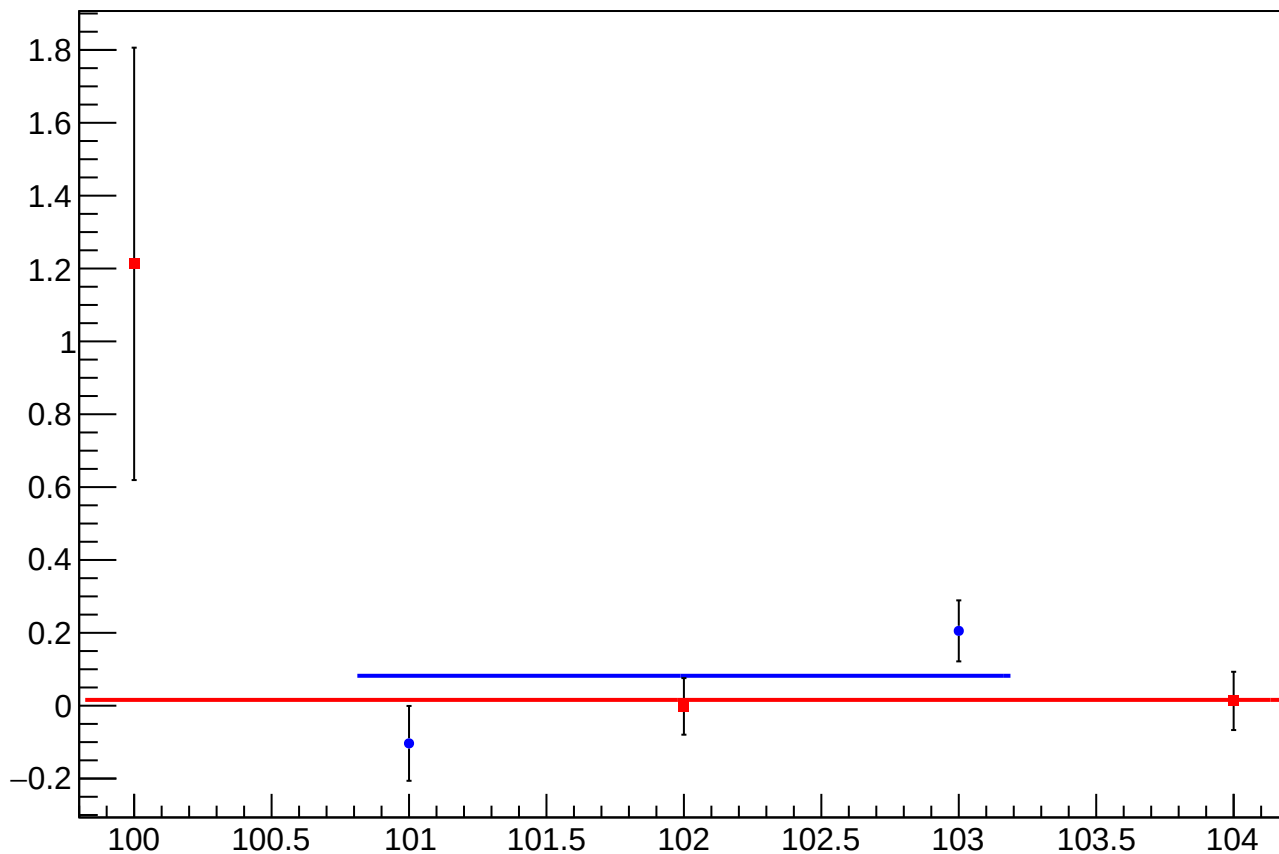
Right: 64.077+/-0.030 χ^2/NDF : 117667.0/4

In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.077+/-0.030 χ^2/NDF : 117667.0/4

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: 0.016 $\pm$ 0.055 χ^2 /NDF: 4.1/2

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

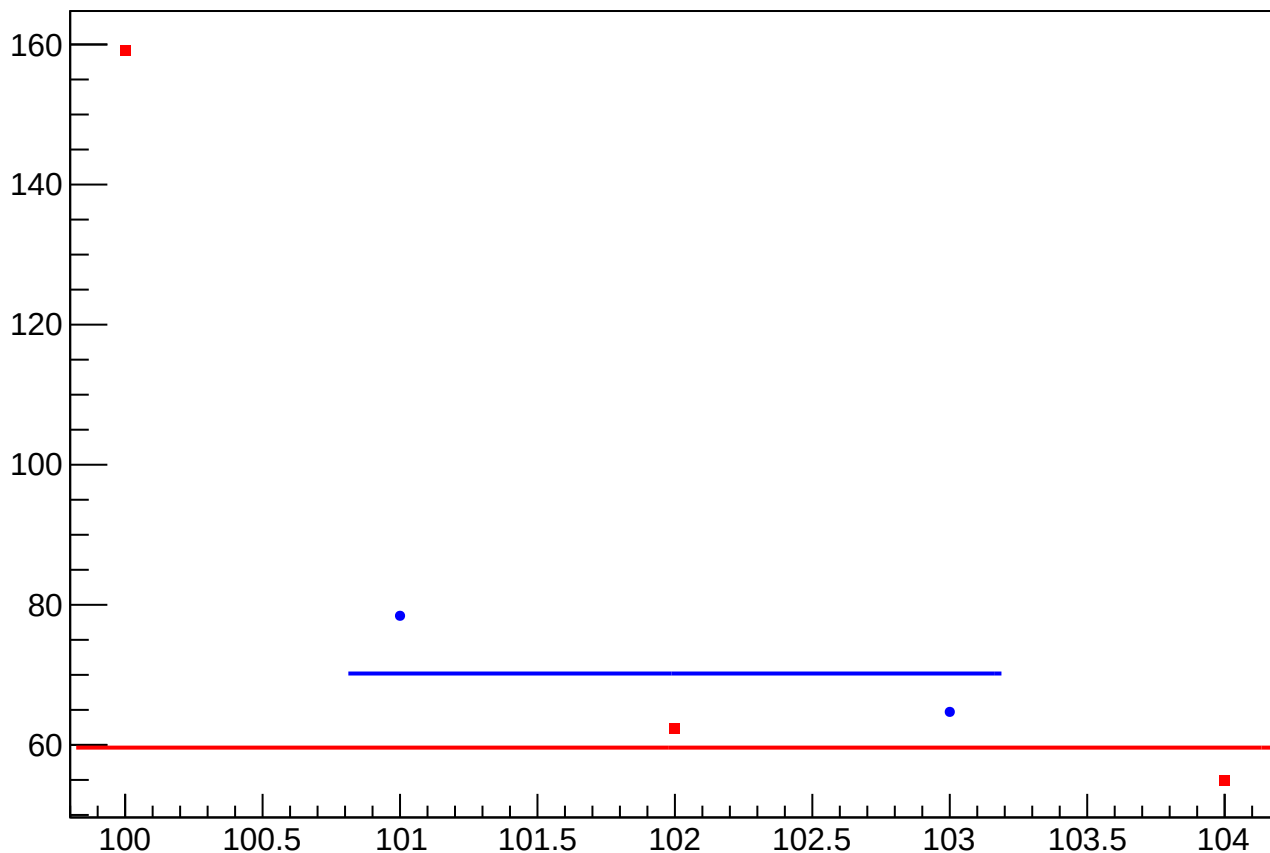
Right: 0.044 $\pm$ 0.042 χ^2 /NDF: 10.2/4

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: 0.044 $\pm$ 0.042 χ^2 /NDF: 10.2/4

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.613+/-0.039 χ^2/NDF : 65530.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

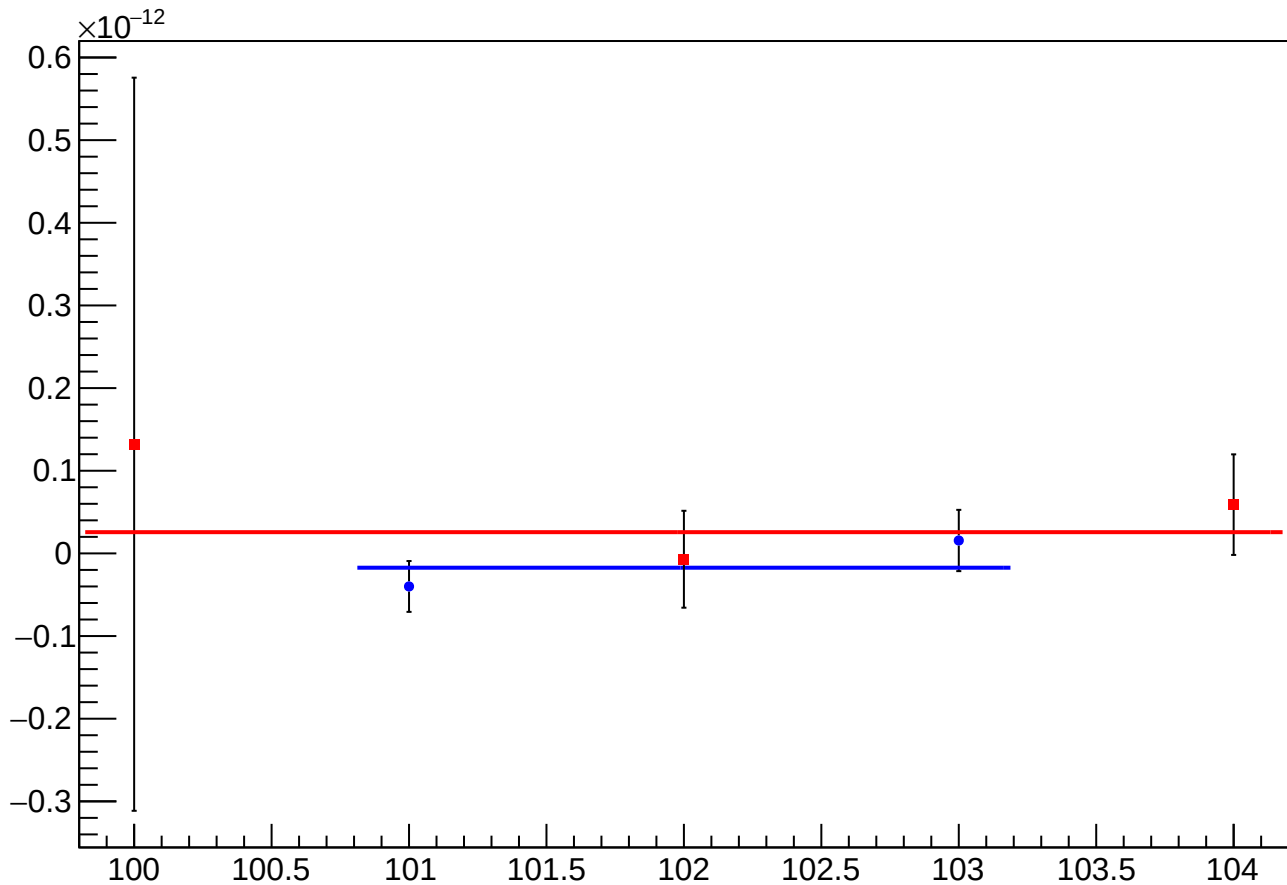
Right: 64.077+/-0.030 χ^2/NDF : 117667.0/4

In: 70.192+/-0.046 χ^2/NDF : 21427.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.077+/-0.030 χ^2/NDF : 117667.0/4

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 : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

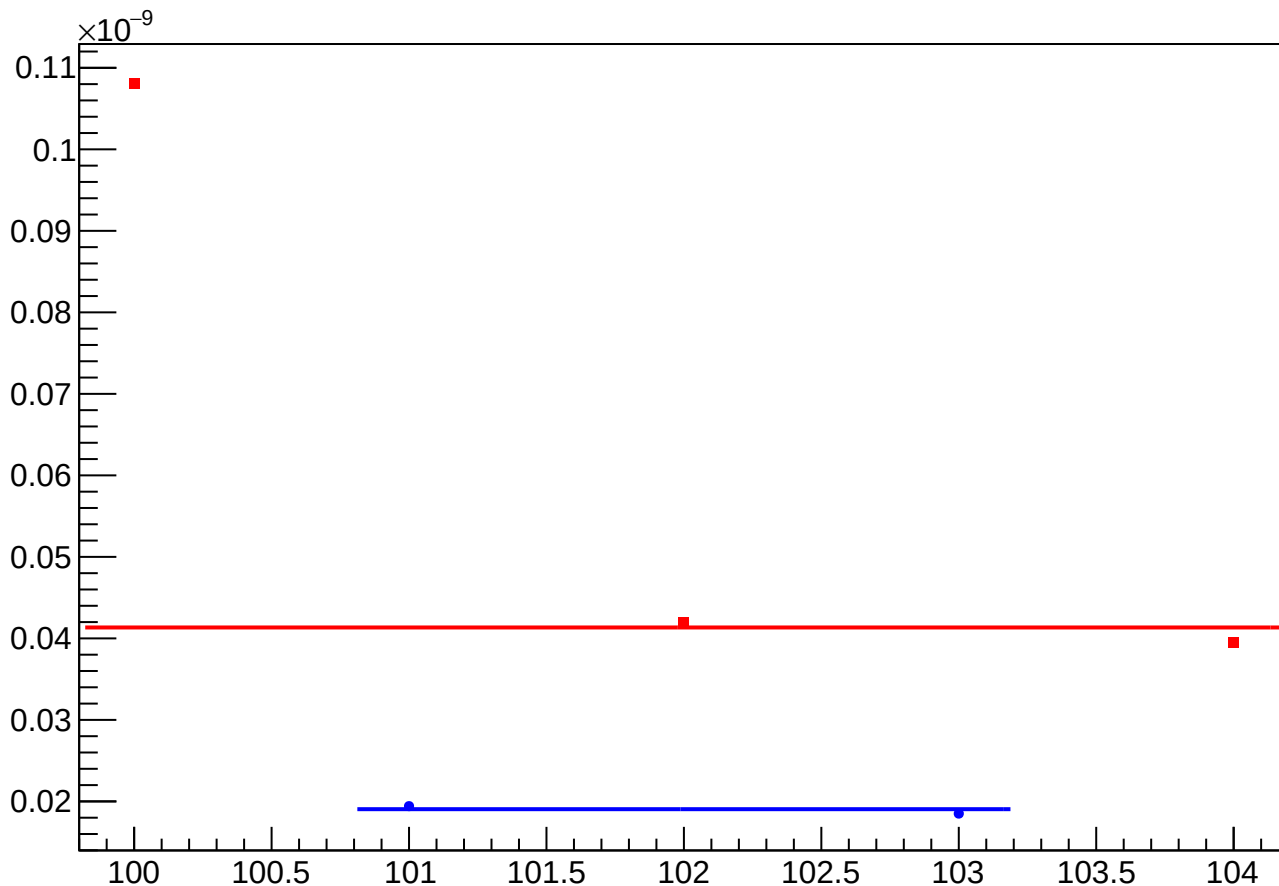
Right: -0.000+/-0.000 χ^2/NDF : 2.8/4

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 : 2.8/4

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 : 47489.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

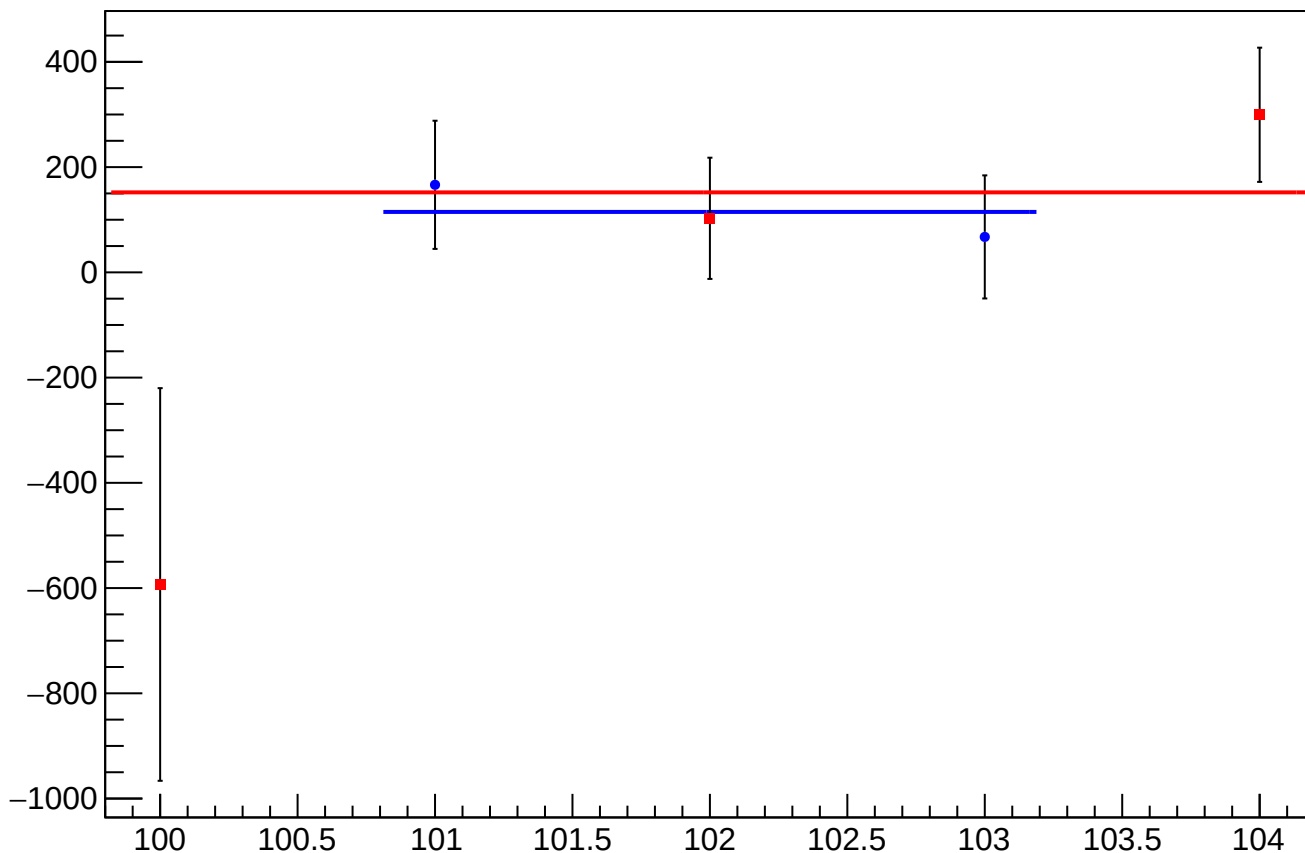
Right: 0.000+/-0.000 χ^2/NDF : 475414.2/4

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 : 475414.2/4

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: 151.994 $\pm$ 83.327 χ^2 /NDF: 5.5/2

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

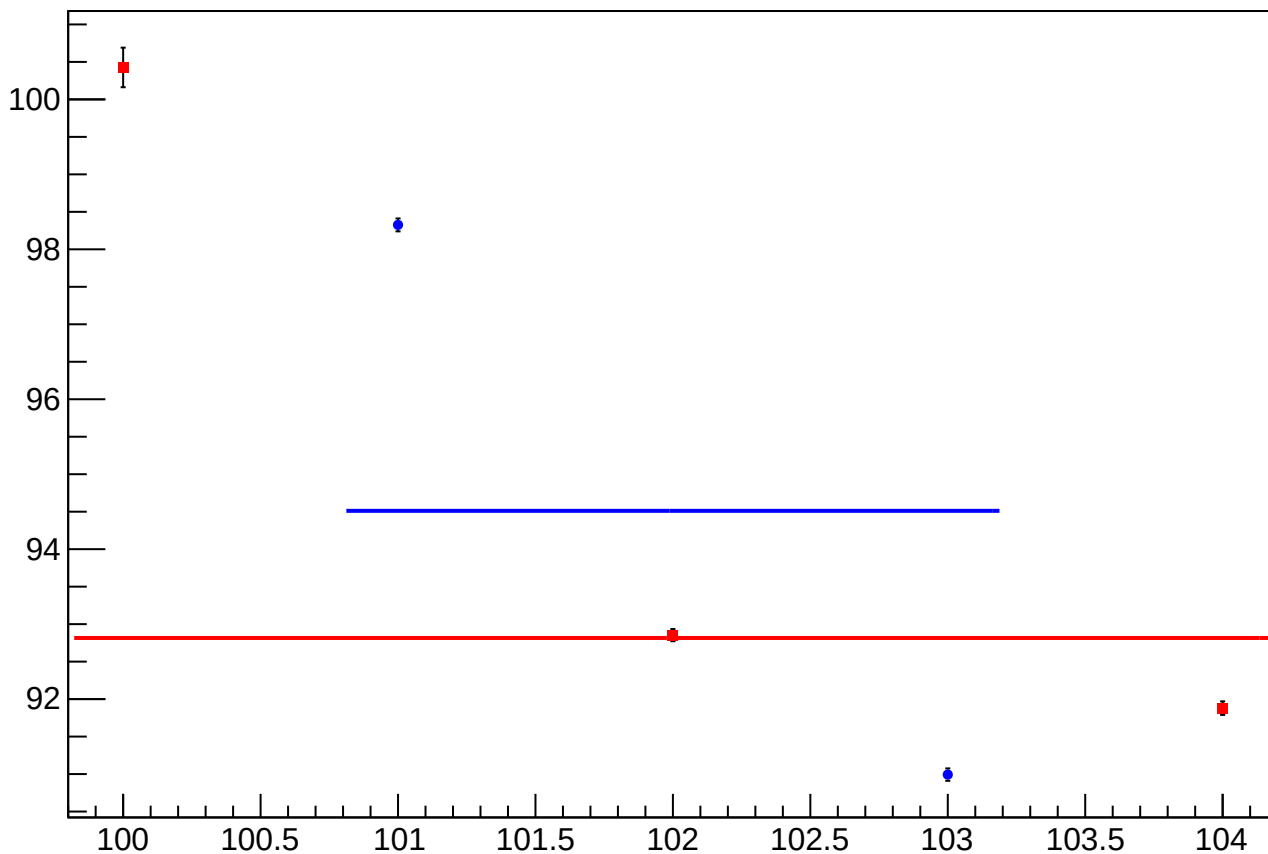
Right: 133.655 $\pm$ 59.284 χ^2 /NDF: 6.0/4

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: 133.655 $\pm$ 59.284 χ^2 /NDF: 6.0/4

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: 92.815+/-0.059 χ^2/NDF : 940.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

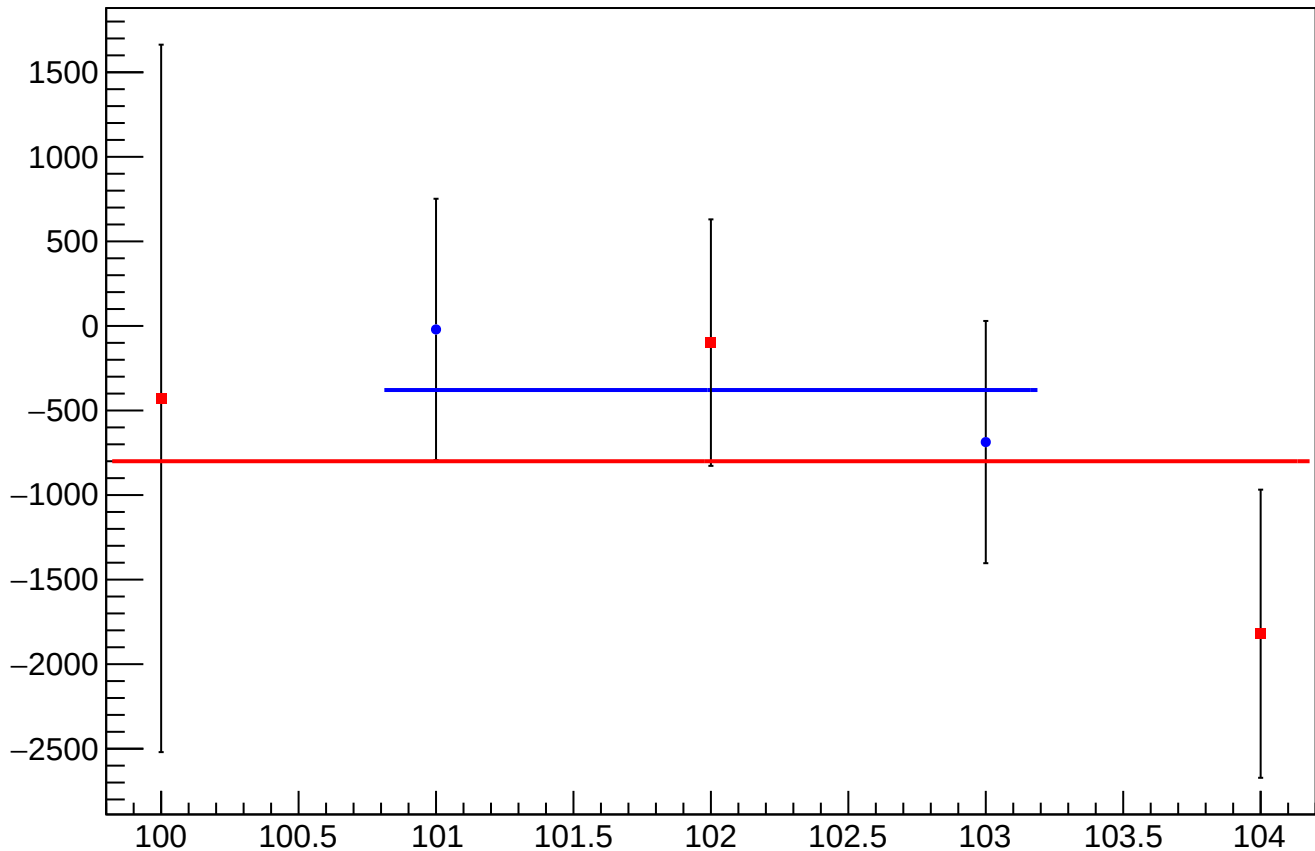
Right: 93.653+/-0.042 χ^2/NDF : 5120.7/4

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.653+/-0.042 χ^2/NDF : 5120.7/4

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: -799.981+/-535.364 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

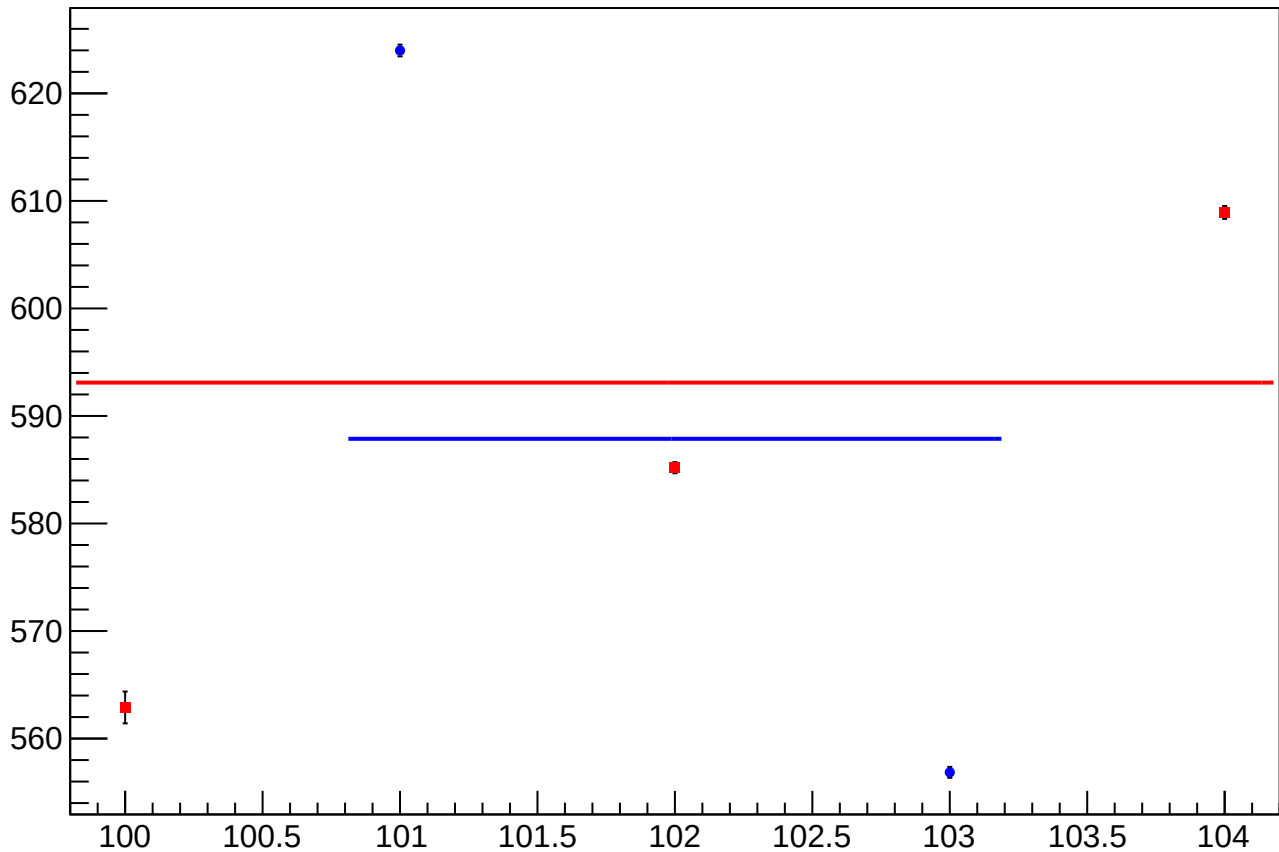
Right: -585.452+/-374.943 χ^2/NDF : 3.1/4

In: -378.929+/-525.279 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.452+/-374.943 χ^2/NDF : 3.1/4

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: 593.104+/-0.379 χ^2/NDF : 1343.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

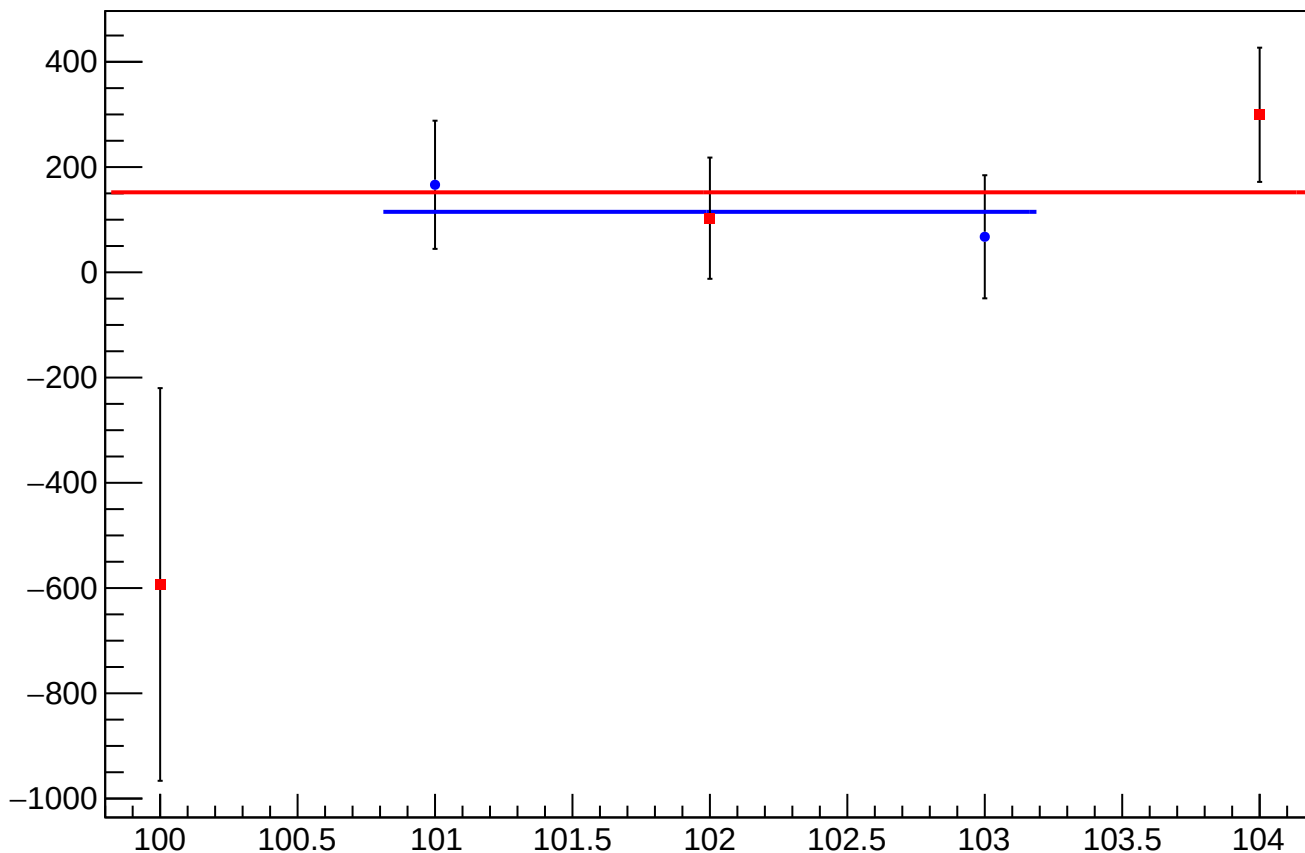
Right: 590.440+/-0.265 χ^2/NDF : 9558.9/4

In: 587.876+/-0.371 χ^2/NDF : 8118.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.440+/-0.265 χ^2/NDF : 9558.9/4

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: 152.030 $\pm$ 83.329 χ^2 /NDF: 5.5/2

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

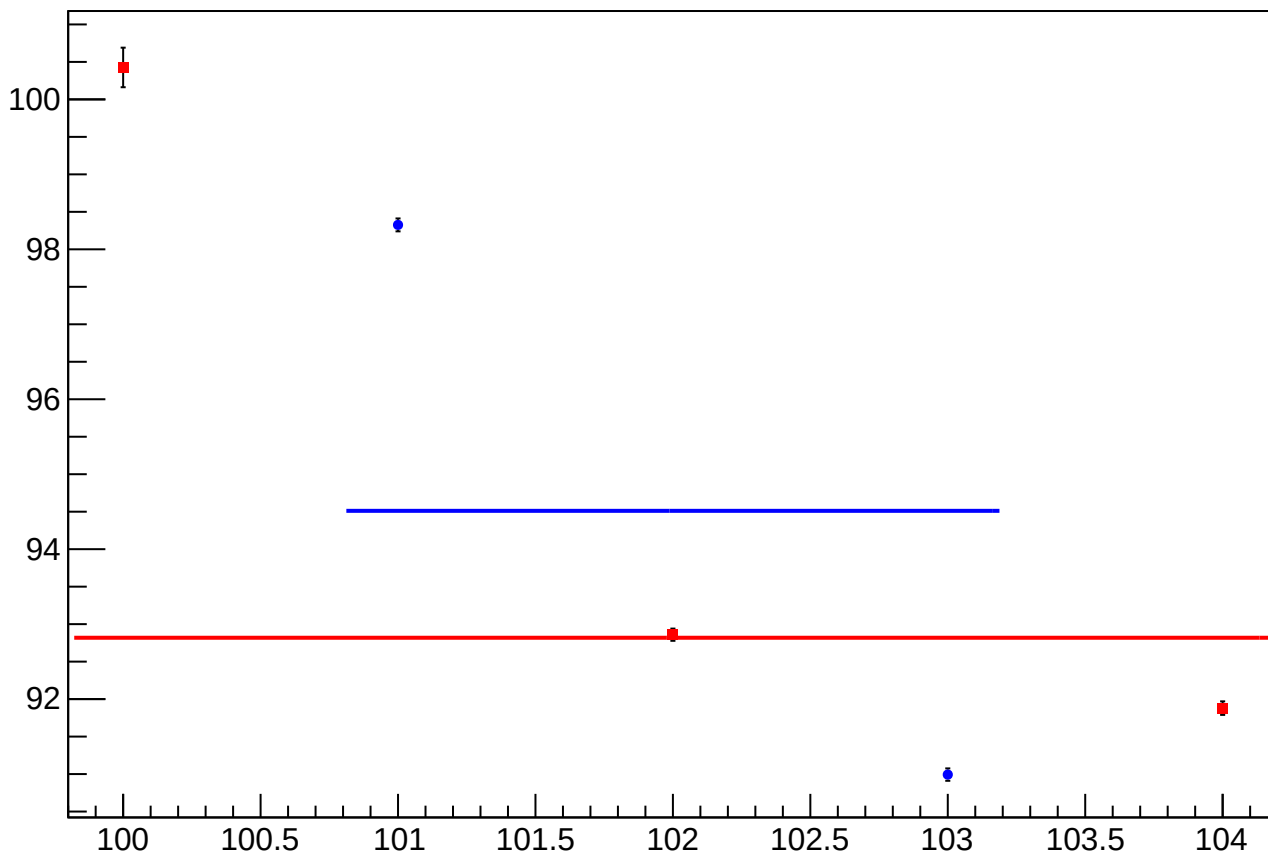
Right: 133.713 $\pm$ 59.284 χ^2 /NDF: 5.9/4

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: 133.713 $\pm$ 59.284 χ^2 /NDF: 5.9/4

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: 92.818+/-0.059 χ^2/NDF : 940.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

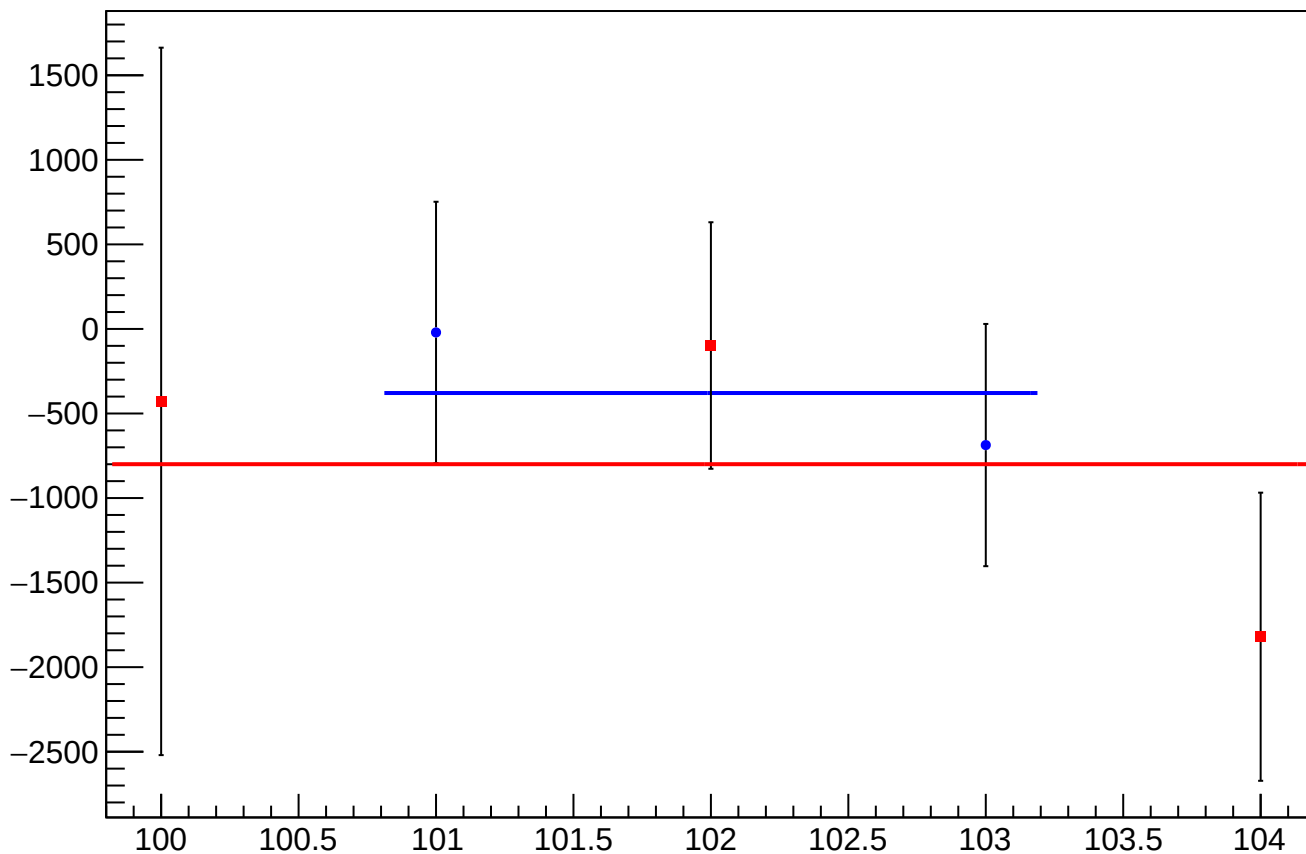
Right: 93.654+/-0.042 χ^2/NDF : 5119.3/4

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.654+/-0.042 χ^2/NDF : 5119.3/4

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911+/-525.278 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -799.759+/-535.388 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

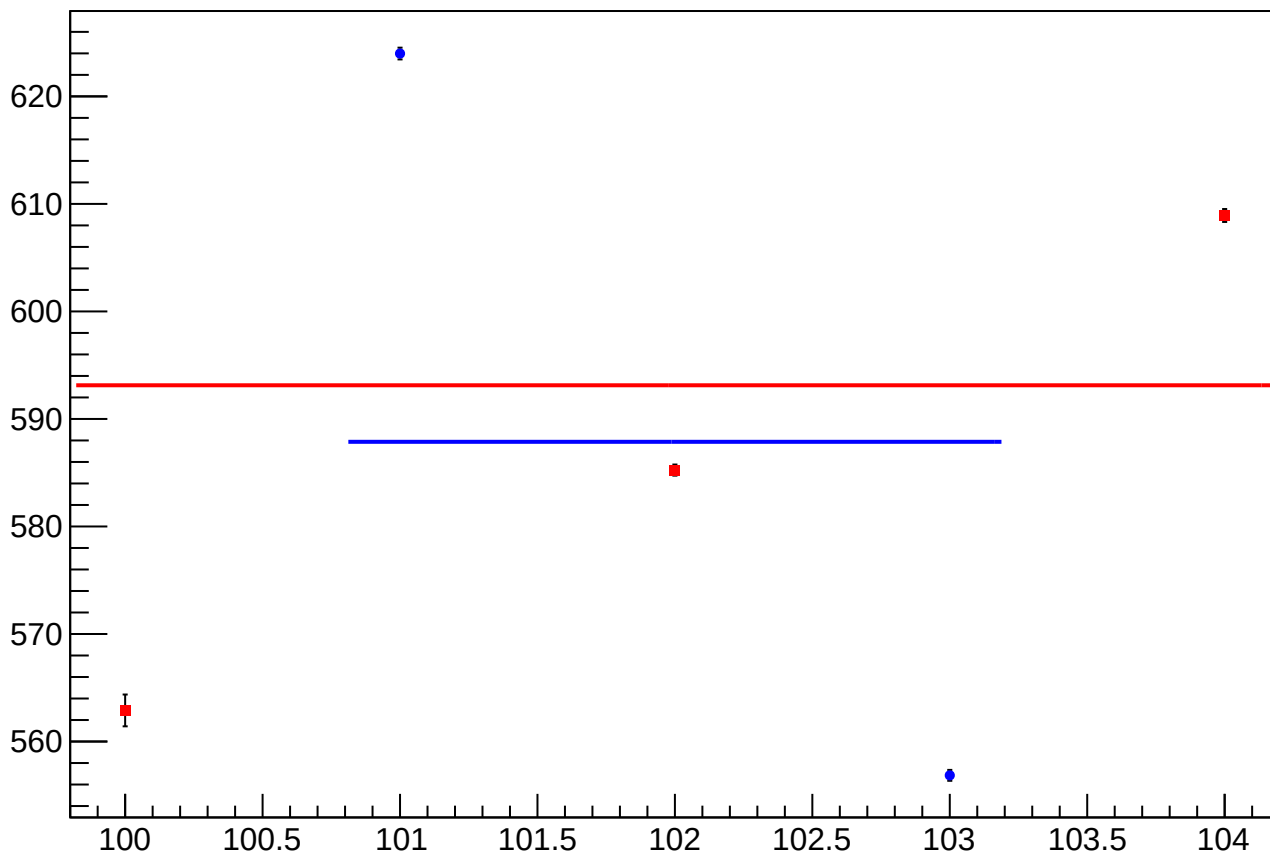
Right: -585.324+/-374.951 χ^2/NDF : 3.1/4

In: -378.911+/-525.278 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.324+/-374.951 χ^2/NDF : 3.1/4

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: 593.132+/-0.379 χ^2/NDF : 1339.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

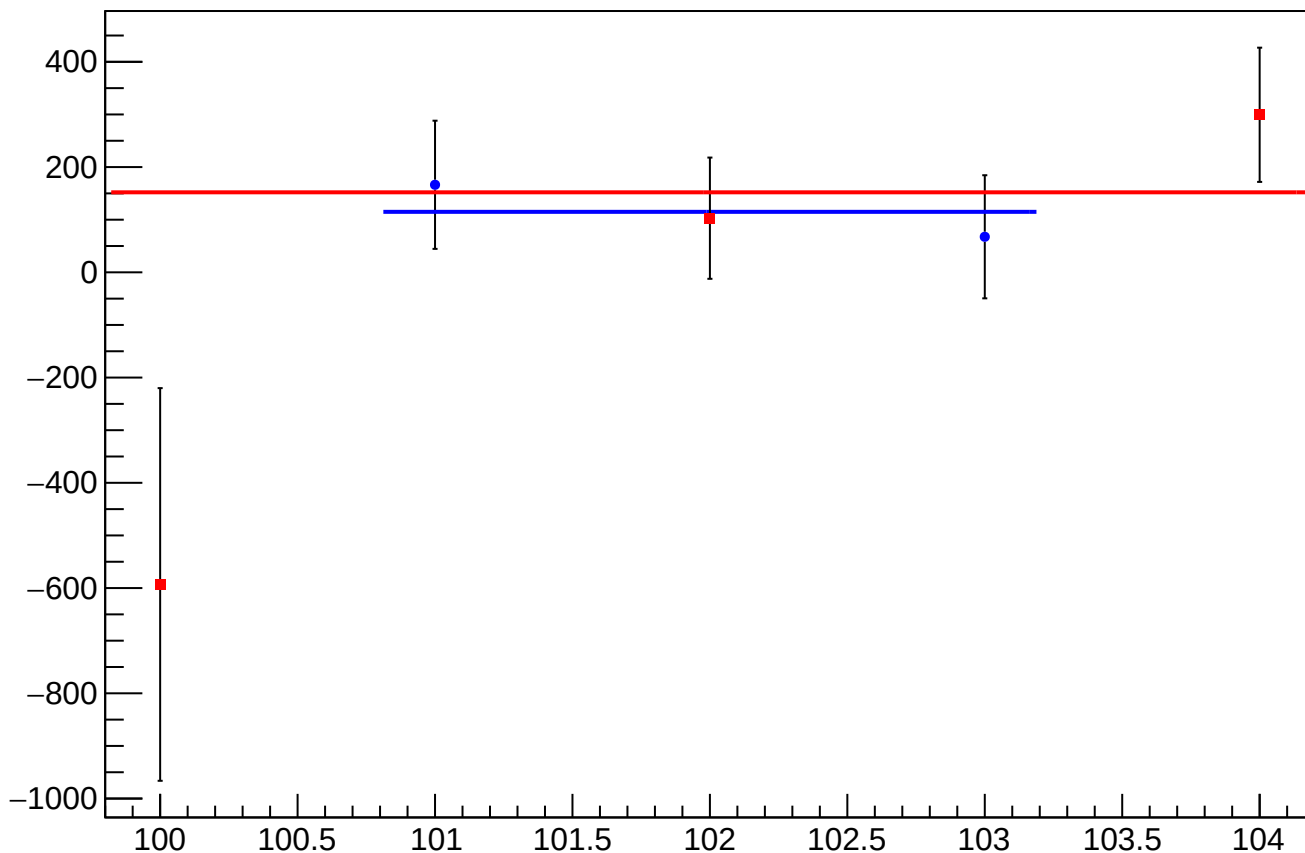
Right: 590.453+/-0.265 χ^2/NDF : 9557.3/4

In: 587.874+/-0.371 χ^2/NDF : 8119.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.453+/-0.265 χ^2/NDF : 9557.3/4

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: 152.030 $\pm$ 83.329 χ^2 /NDF: 5.5/2

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

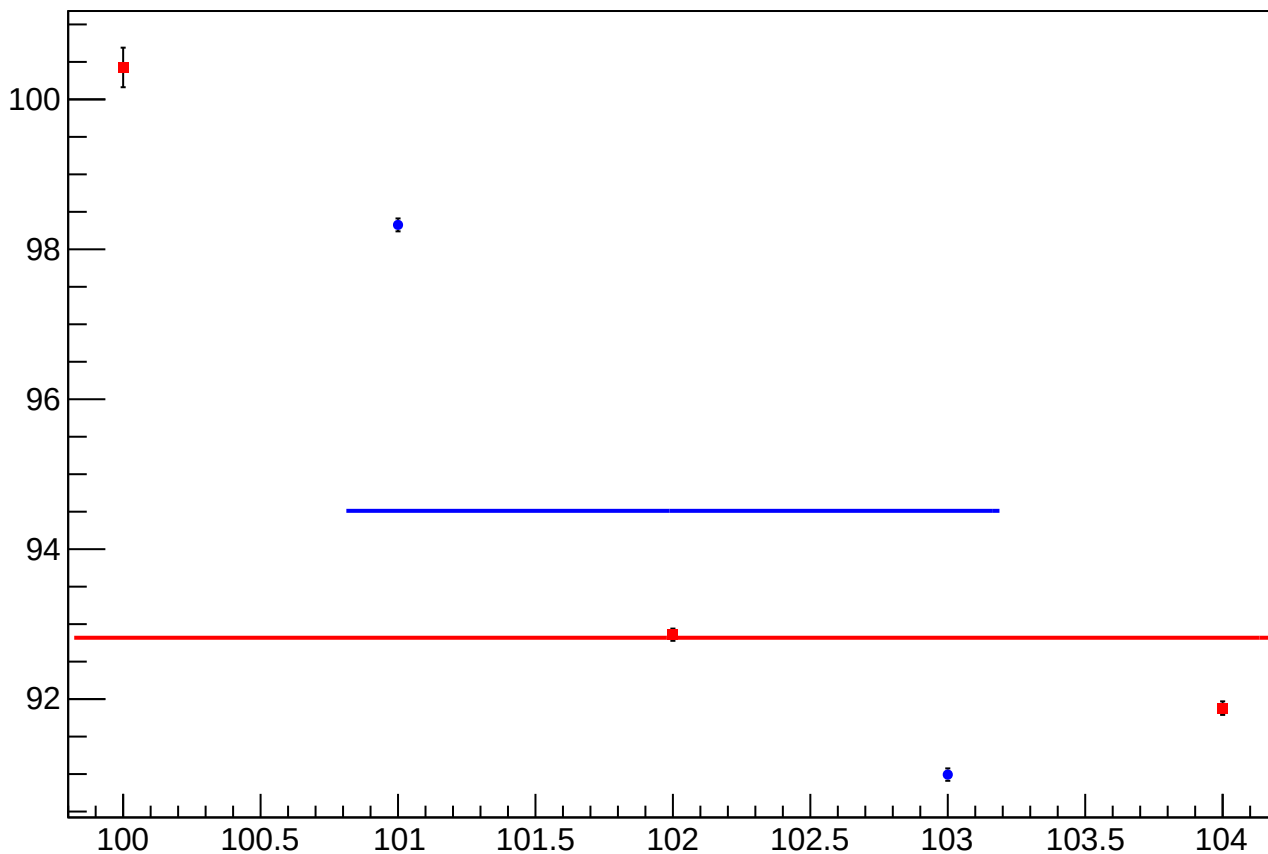
Right: 133.713 $\pm$ 59.284 χ^2 /NDF: 5.9/4

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: 133.713 $\pm$ 59.284 χ^2 /NDF: 5.9/4

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.818+/-0.059 χ^2/NDF : 940.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

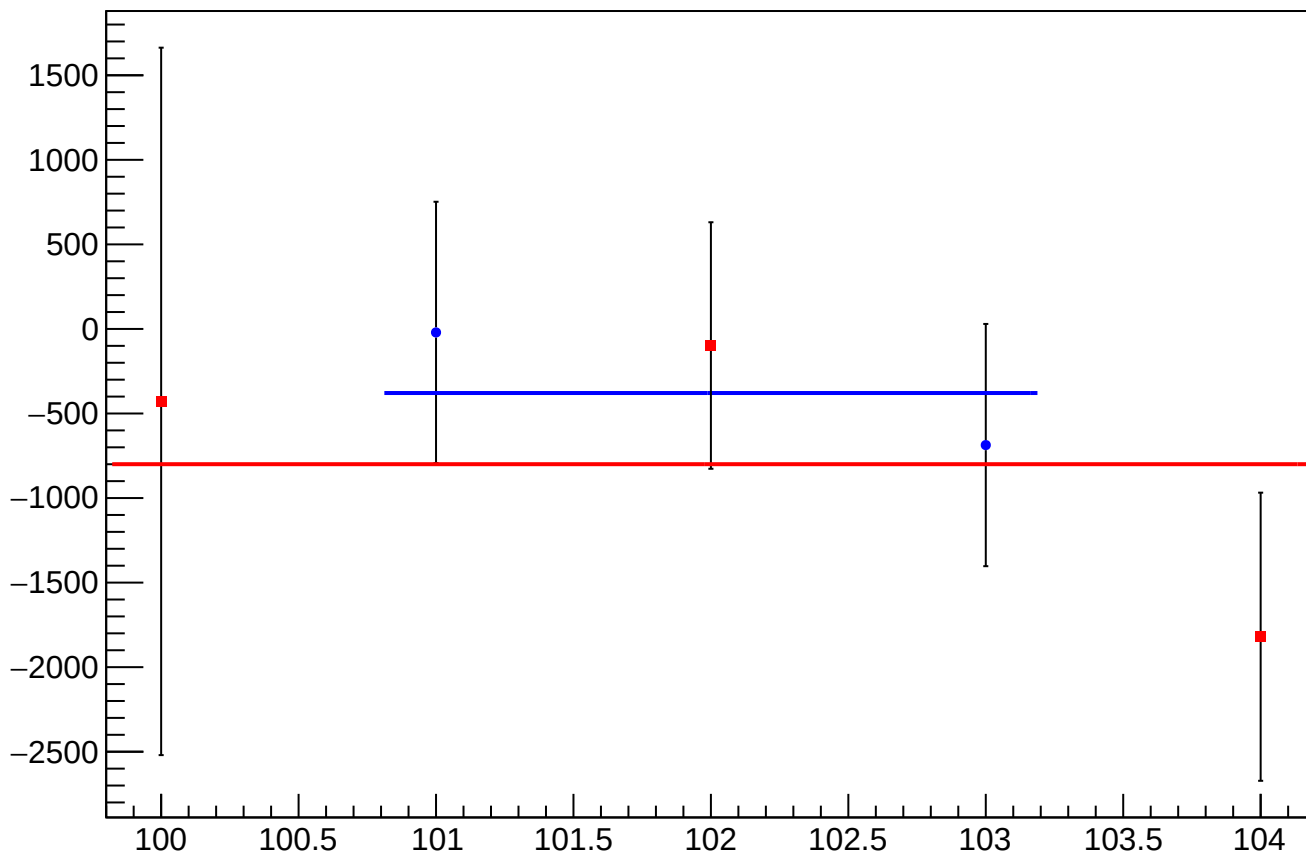
Right: 93.654+/-0.042 χ^2/NDF : 5119.3/4

In: 94.511+/-0.060 χ^2/NDF : 3771.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.654+/-0.042 χ^2/NDF : 5119.3/4

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -378.911+/-525.278 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -799.759+/-535.388 χ^2/NDF : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

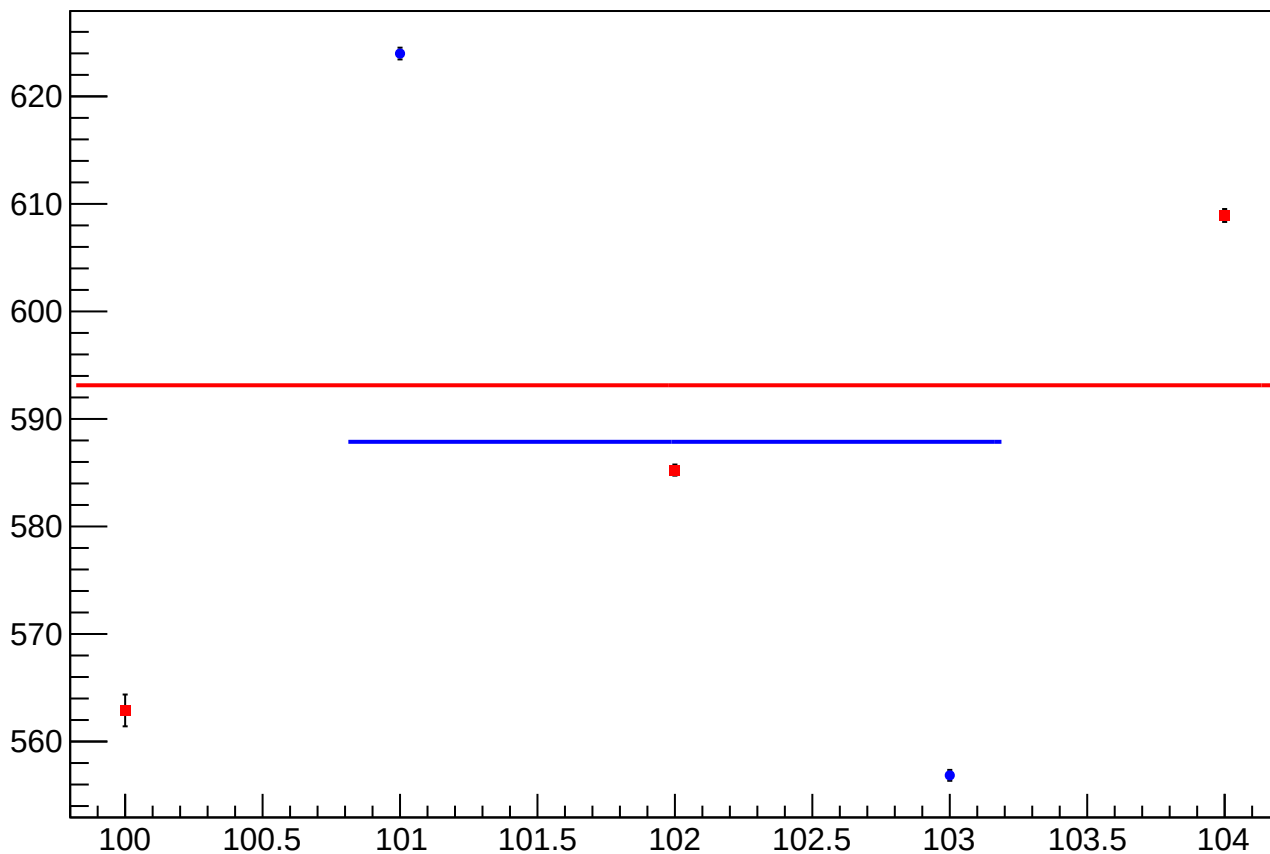
Right: -585.324+/-374.951 χ^2/NDF : 3.1/4

In: -378.911+/-525.278 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.324+/-374.951 χ^2/NDF : 3.1/4

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 587.874 ± 0.371 $\chi^2/\text{NDF}: 8119.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 593.132 ± 0.379 $\chi^2/\text{NDF}: 1339.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

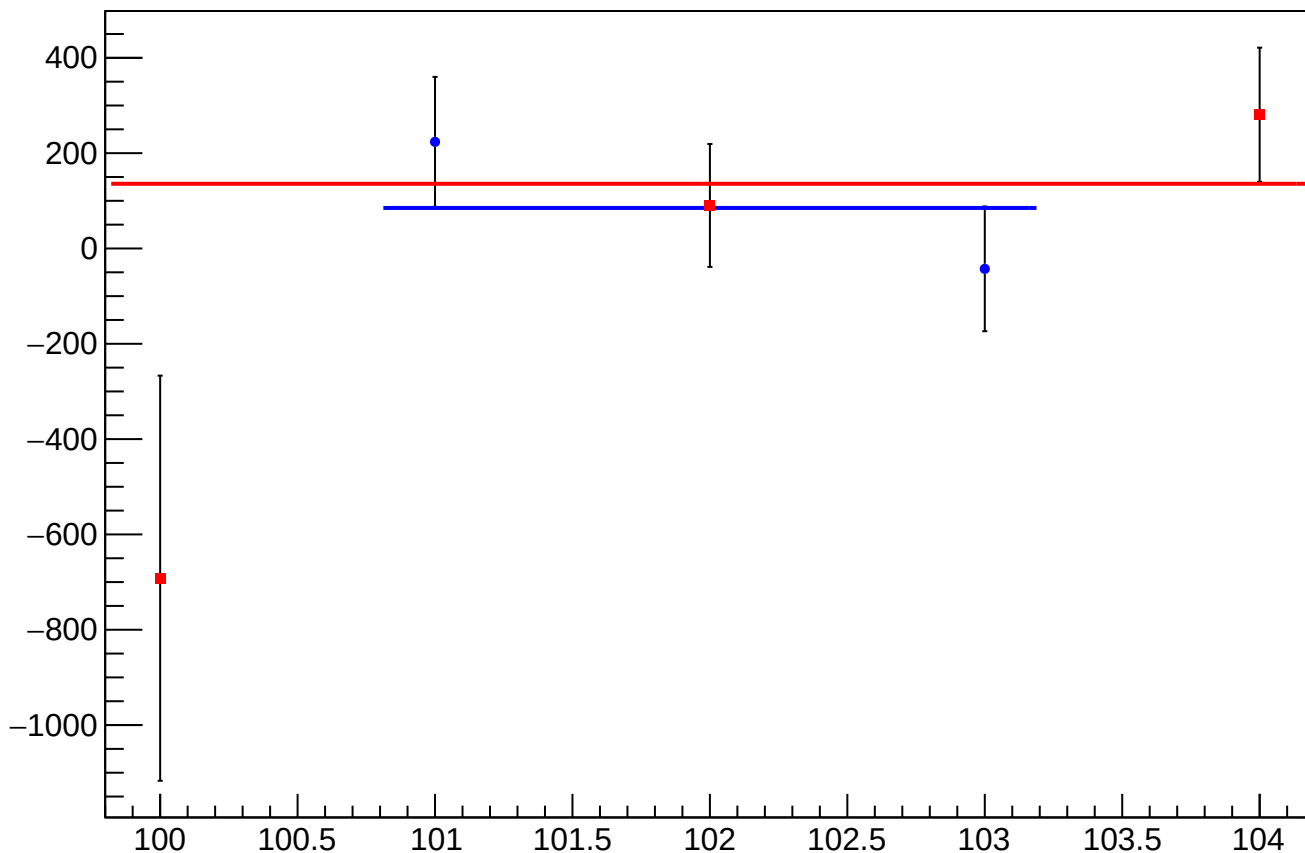
Right: 590.453 ± 0.265 $\chi^2/\text{NDF}: 9557.3/4$

In: 587.874 ± 0.371 $\chi^2/\text{NDF}: 8119.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 590.453 ± 0.265 $\chi^2/\text{NDF}: 9557.3/4$

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: 135.791+/-92.793 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

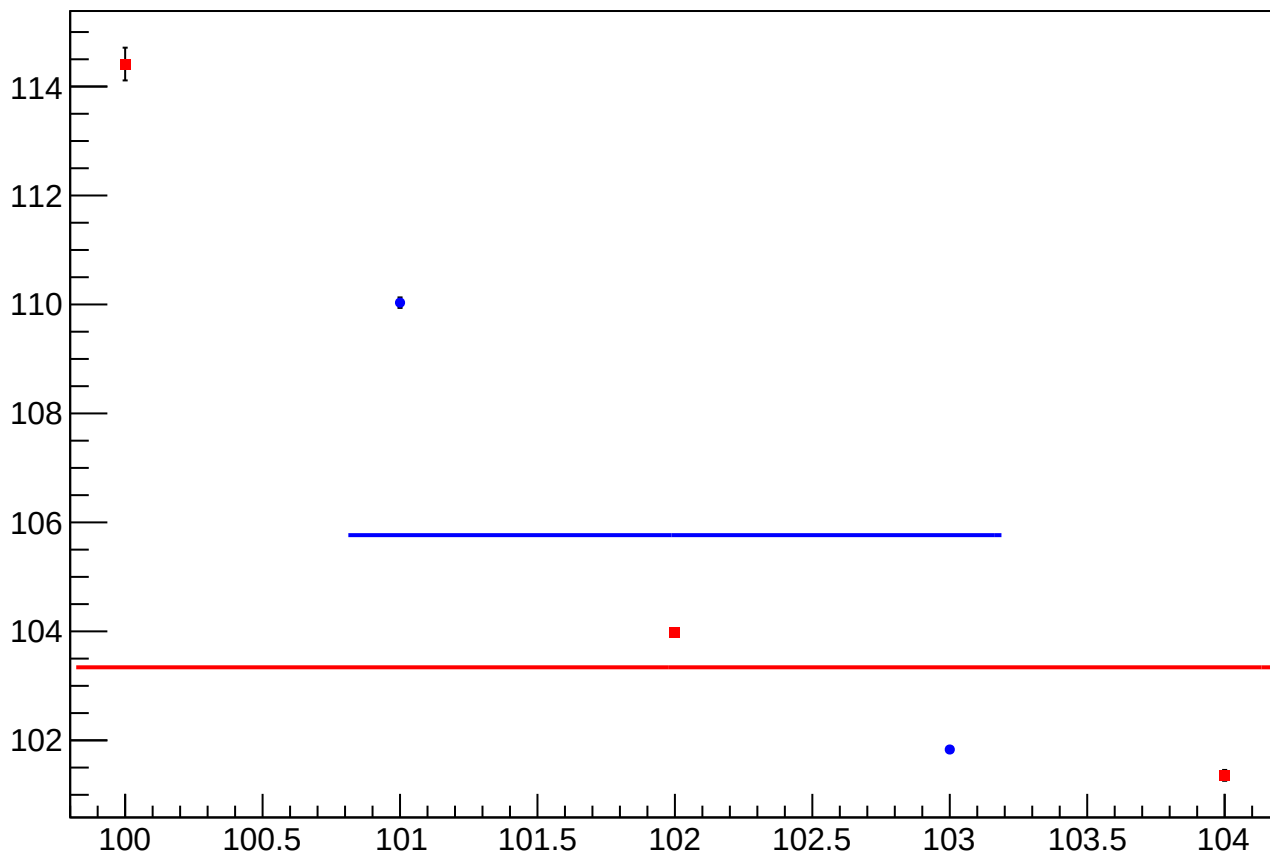
Right: 110.864+/-66.178 χ^2/NDF : 7.1/4

In: 85.063+/-94.406 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.864+/-66.178 χ^2/NDF : 7.1/4

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: 103.340 $\pm$ 0.066 χ^2 /NDF: 1804.8/2

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

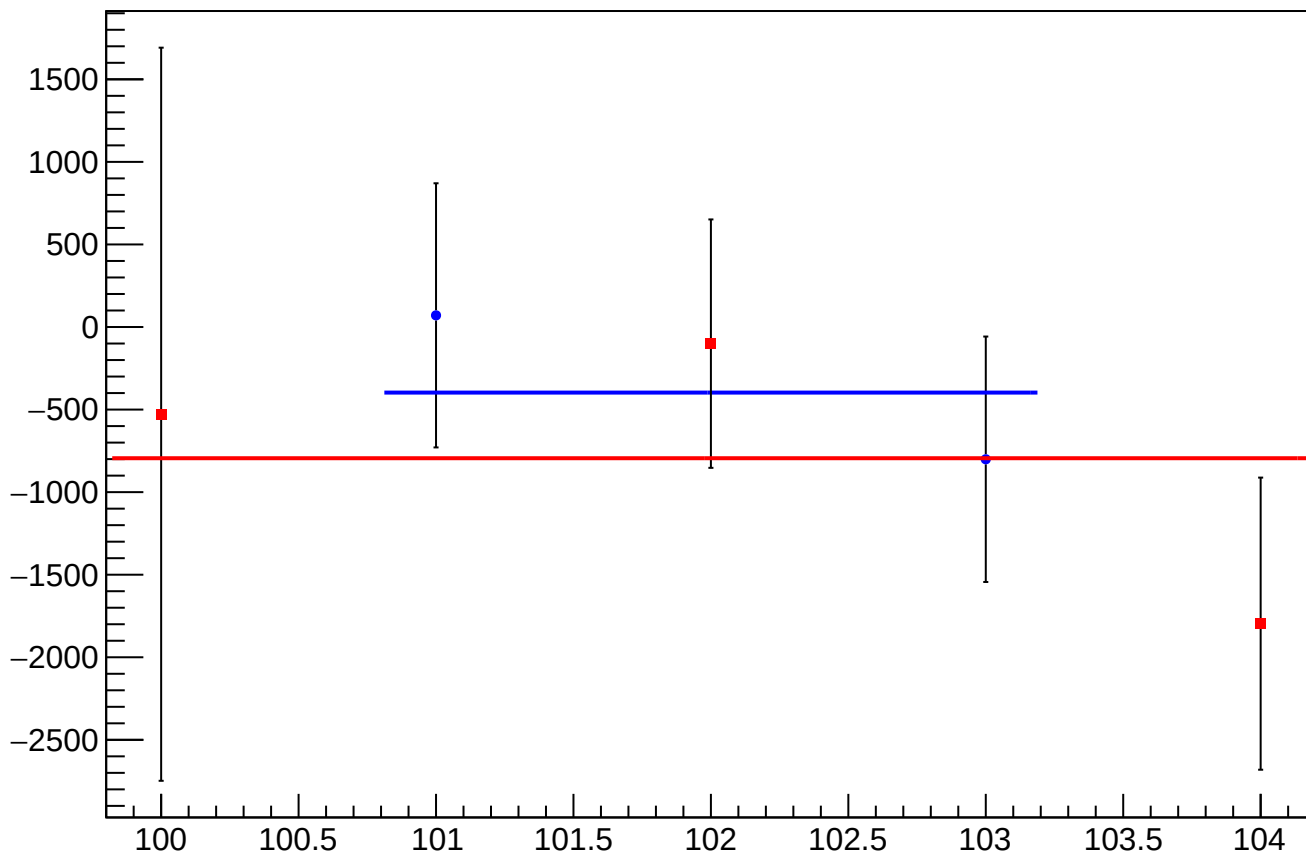
Right: 104.532 $\pm$ 0.047 χ^2 /NDF: 6243.9/4

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: 104.532 $\pm$ 0.047 χ^2 /NDF: 6243.9/4

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: -794.597 $\pm$ 554.829 χ^2 /NDF: 2.1/2

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

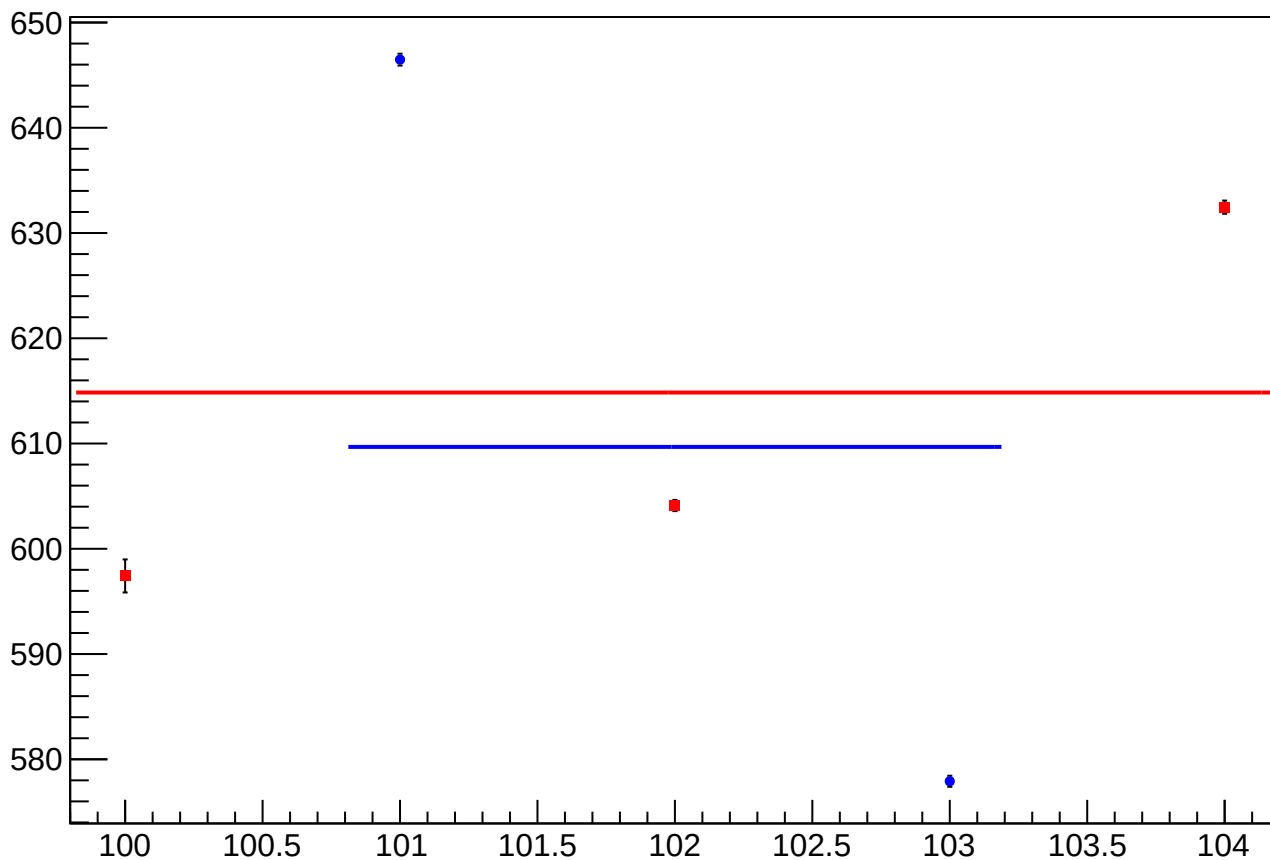
Right: -592.080 $\pm$ 388.593 χ^2 /NDF: 3.0/4

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: -592.080 $\pm$ 388.593 χ^2 /NDF: 3.0/4

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: 614.846 $\pm$ 0.392 χ^2 /NDF: 1323.4/2

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

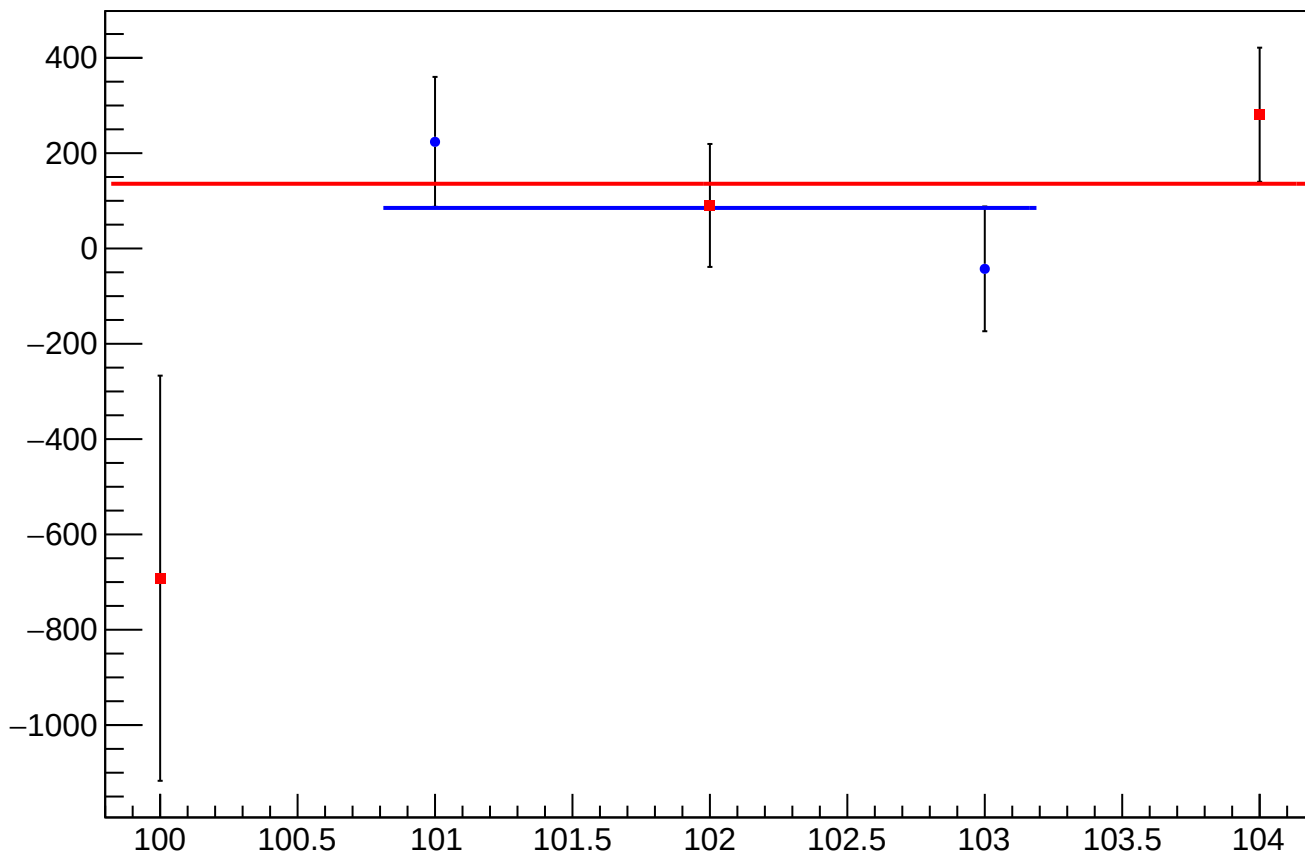
Right: 612.214 $\pm$ 0.275 χ^2 /NDF: 9298.7/4

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: 612.214 $\pm$ 0.275 χ^2 /NDF: 9298.7/4

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 85.064+/-94.406 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.791+/-92.793 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

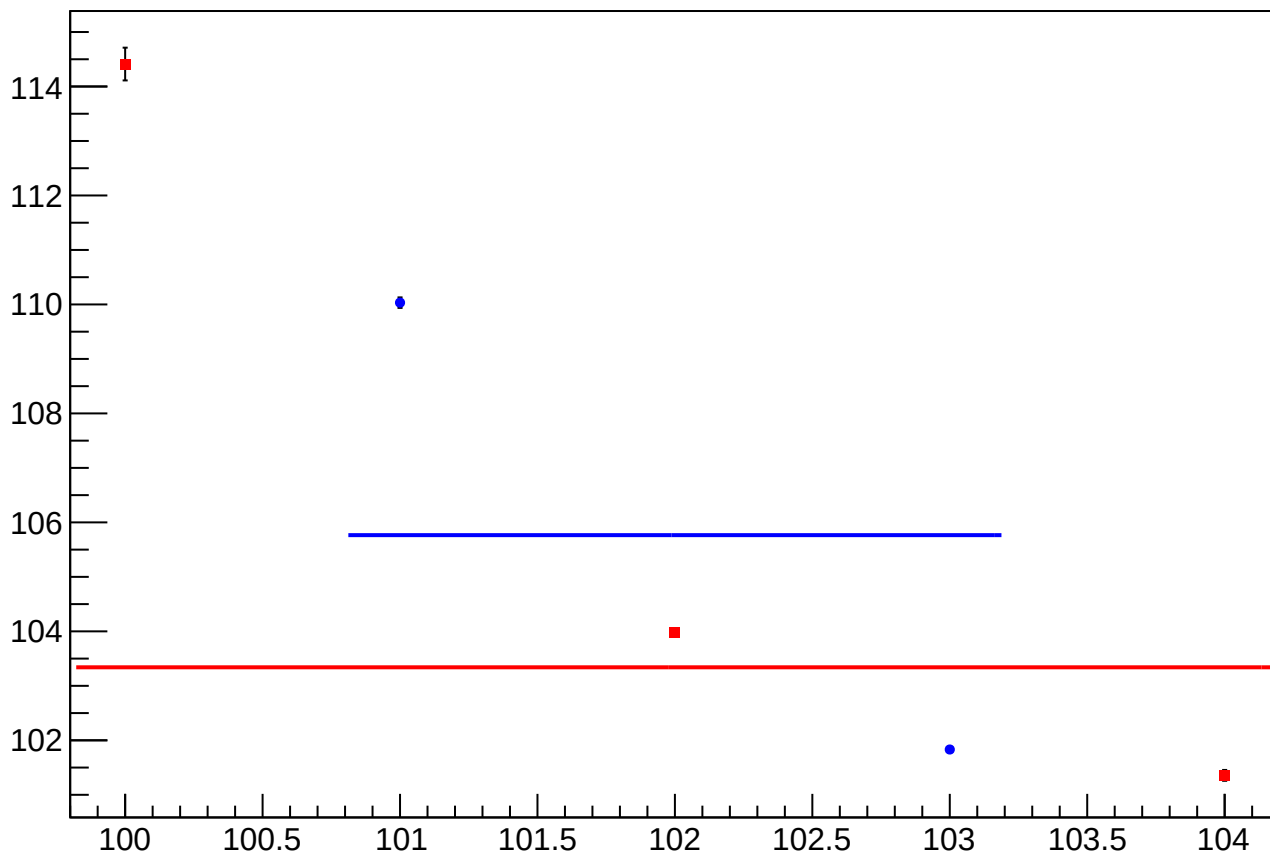
Right: 110.865+/-66.178 χ^2/NDF : 7.1/4

In: 85.064+/-94.406 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.865+/-66.178 χ^2/NDF : 7.1/4

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: 103.340 $\pm$ 0.066 χ^2 /NDF: 1804.7/2

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

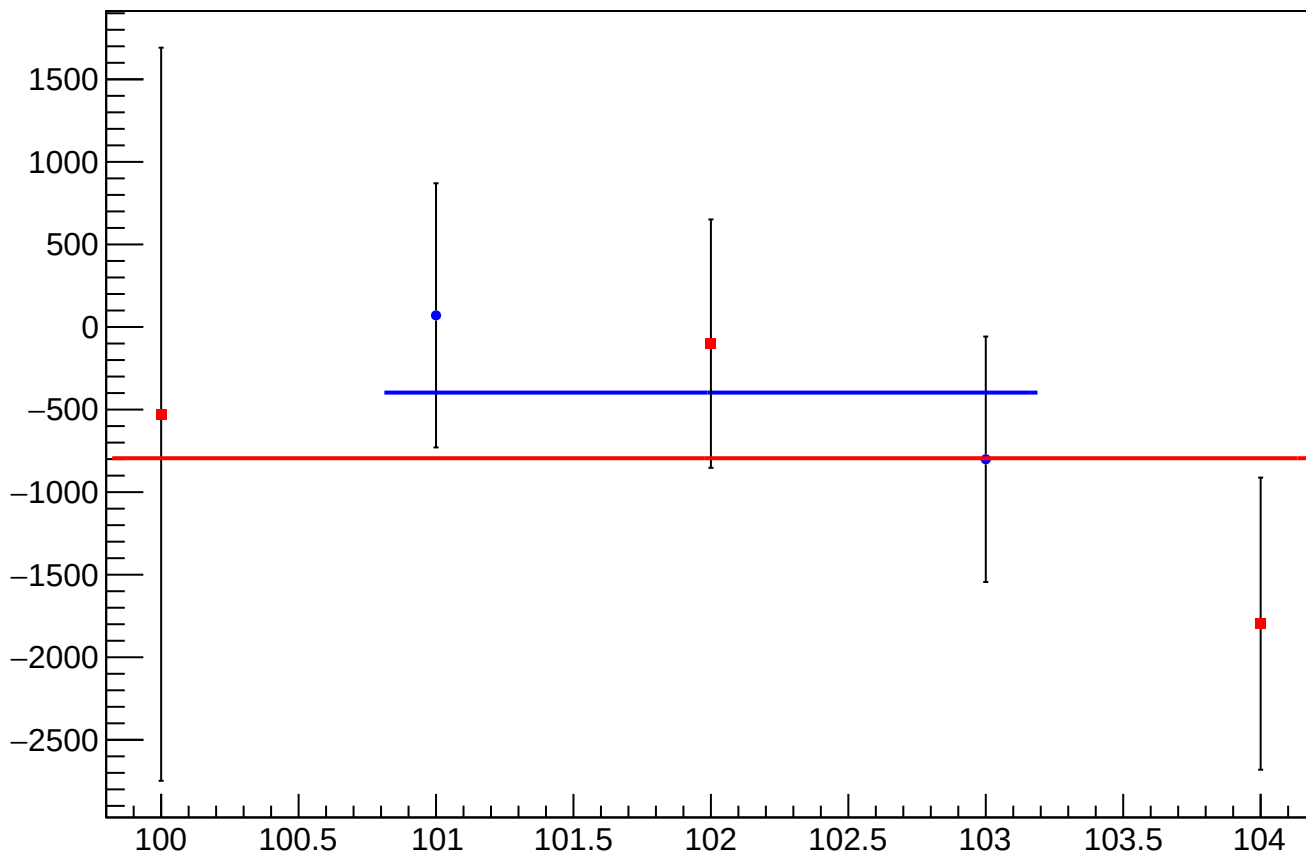
Right: 104.532 $\pm$ 0.047 χ^2 /NDF: 6243.8/4

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: 104.532 $\pm$ 0.047 χ^2 /NDF: 6243.8/4

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: -794.597+/-554.828 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

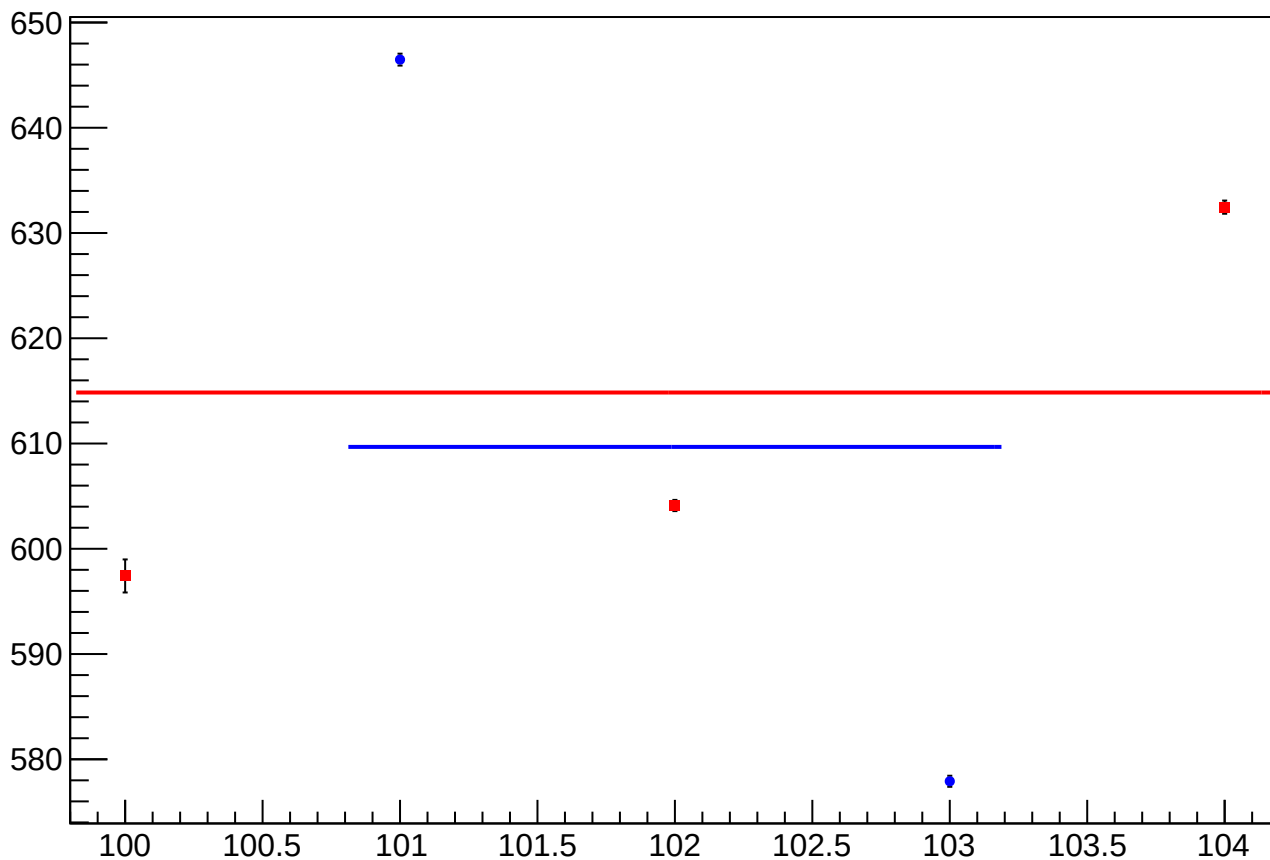
Right: -592.079+/-388.592 χ^2/NDF : 3.0/4

In: -397.086+/-544.424 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.079+/-388.592 χ^2/NDF : 3.0/4

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 609.679+/-0.385 χ^2/NDF : 7886.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 614.846+/-0.392 χ^2/NDF : 1323.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

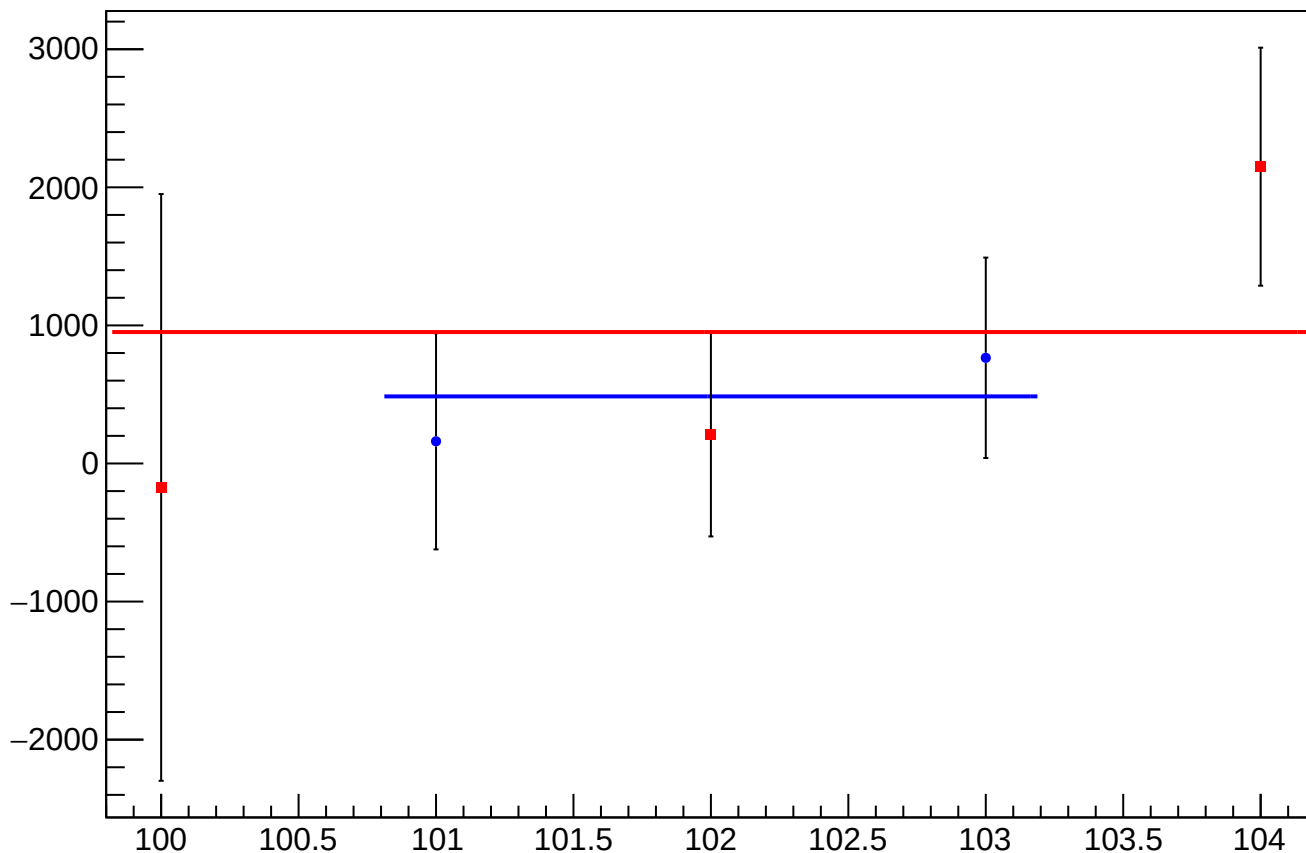
Right: 612.213+/-0.275 χ^2/NDF : 9298.6/4

In: 609.679+/-0.385 χ^2/NDF : 7886.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.213+/-0.275 χ^2/NDF : 9298.6/4

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: 951.865+/-542.055 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

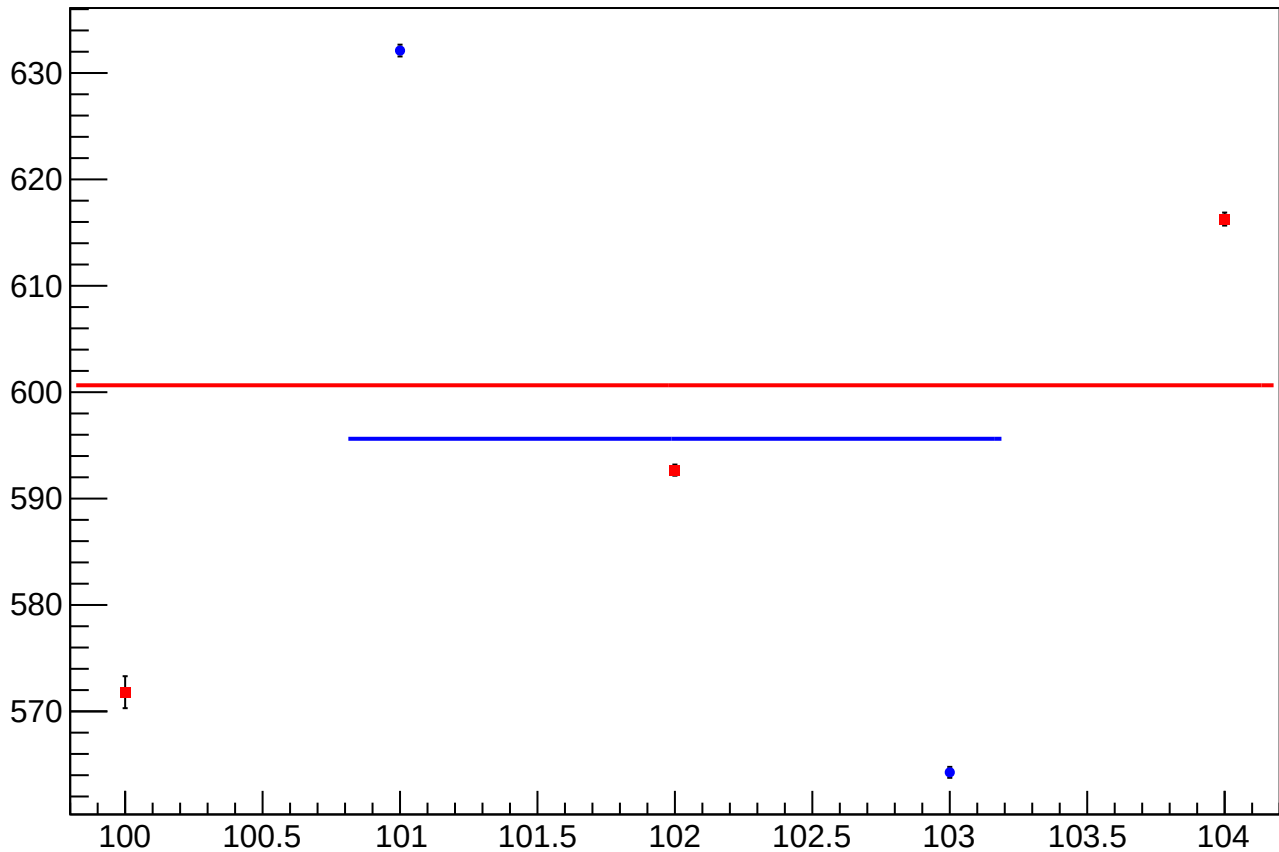
Right: 714.623+/-379.774 χ^2/NDF : 3.9/4

In: 485.892+/-532.244 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 714.623+/-379.774 χ^2/NDF : 3.9/4

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 595.621 $\pm$ 0.376 χ^2 /NDF: 8076.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 600.649 $\pm$ 0.383 χ^2 /NDF: 1259.0/2

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

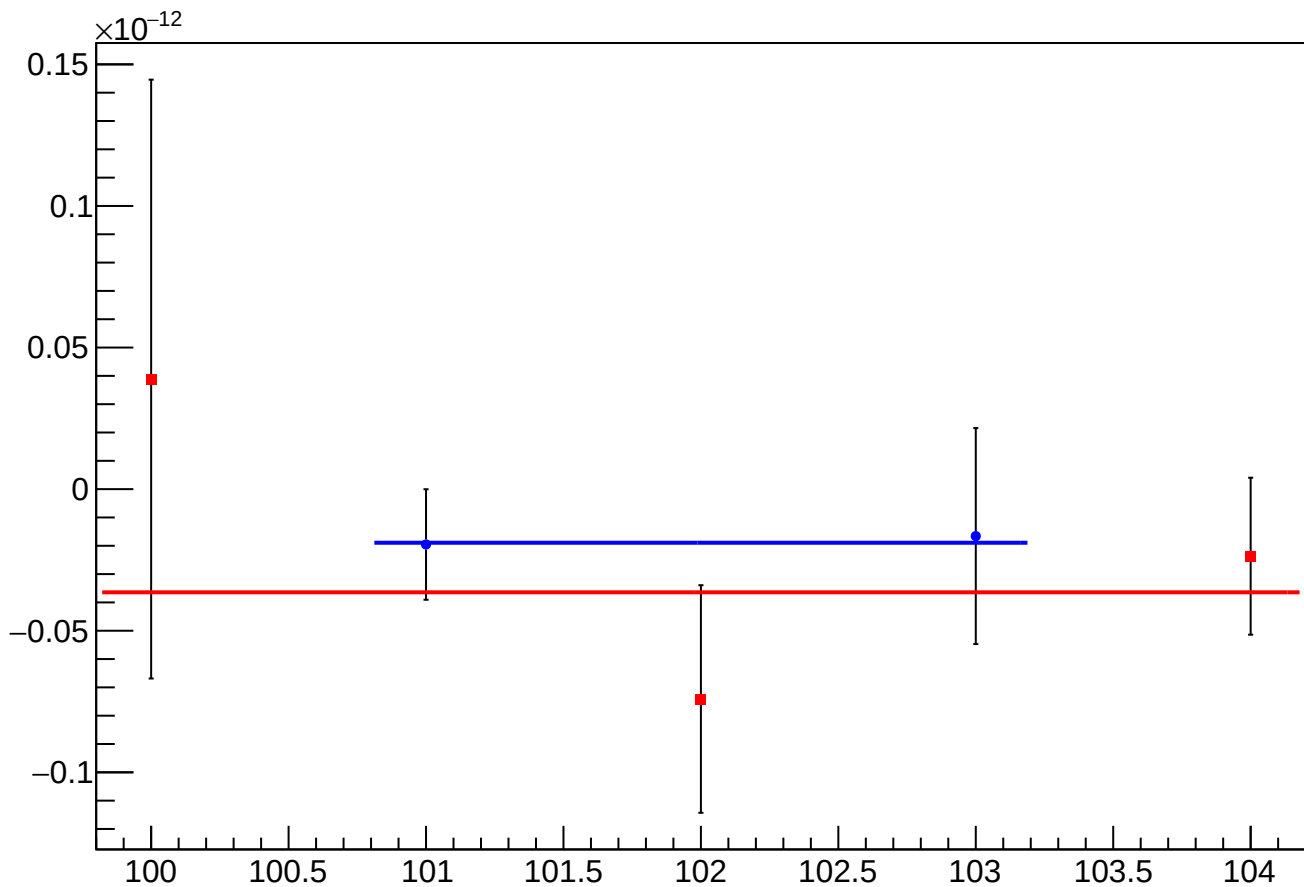
Right: 598.089 $\pm$ 0.269 χ^2 /NDF: 9423.1/4

In: 595.621 $\pm$ 0.376 χ^2 /NDF: 8076.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 598.089 $\pm$ 0.269 χ^2 /NDF: 9423.1/4

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 : 1.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

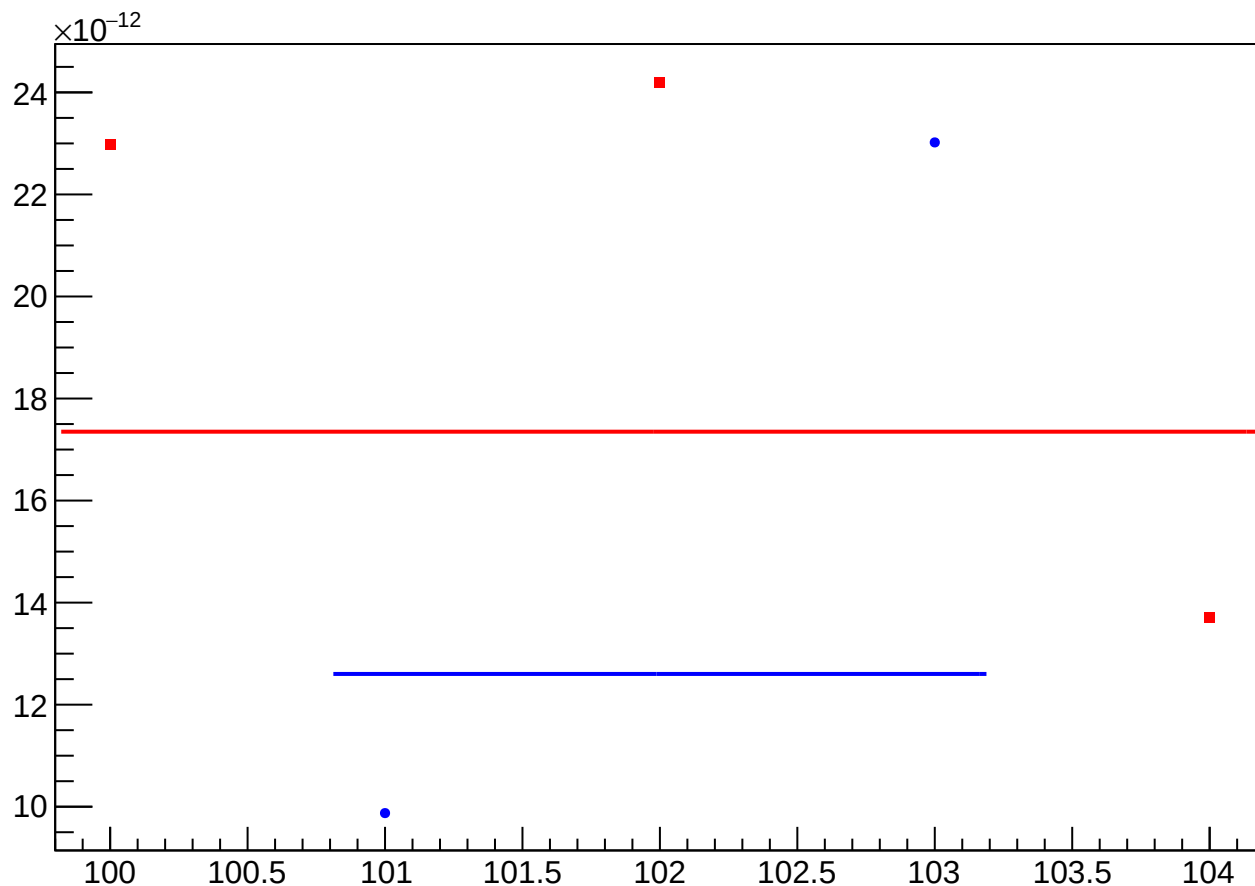
Right: -0.000+/-0.000 χ^2/NDF : 2.0/4

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 : 2.0/4

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 : 98424.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

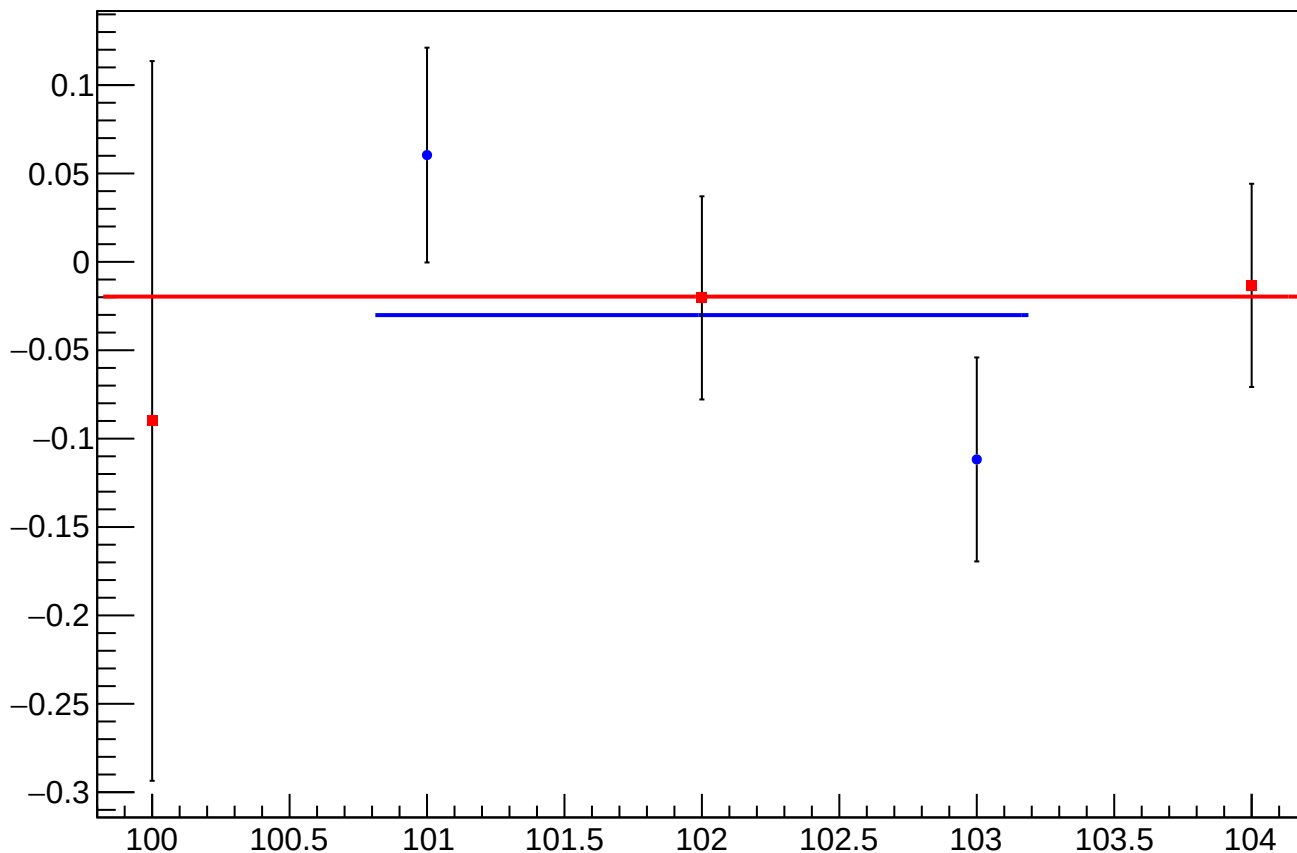
Right: 0.000+/-0.000 χ^2/NDF : 343137.9/4

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 : 343137.9/4

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.030 $\pm$ 0.042 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.040 χ^2 /NDF: 0.1/2

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

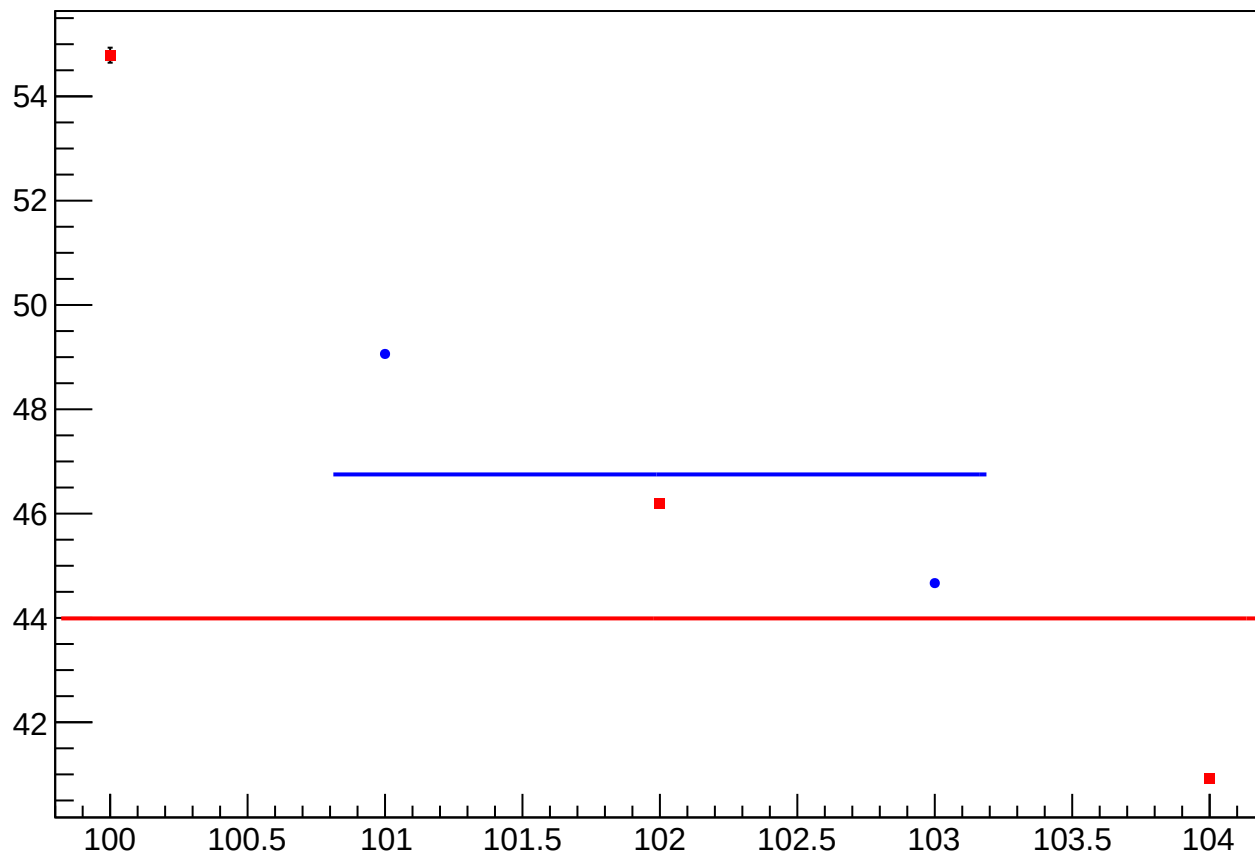
Right: -0.025 $\pm$ 0.029 χ^2 /NDF: 4.4/4

In: -0.030 $\pm$ 0.042 χ^2 /NDF:4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.025 $\pm$ 0.029 χ^2 /NDF: 4.4/4

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.751 ± 0.030 $\chi^2/\text{NDF}: 5500.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.991 ± 0.028 $\chi^2/\text{NDF}: 14300.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

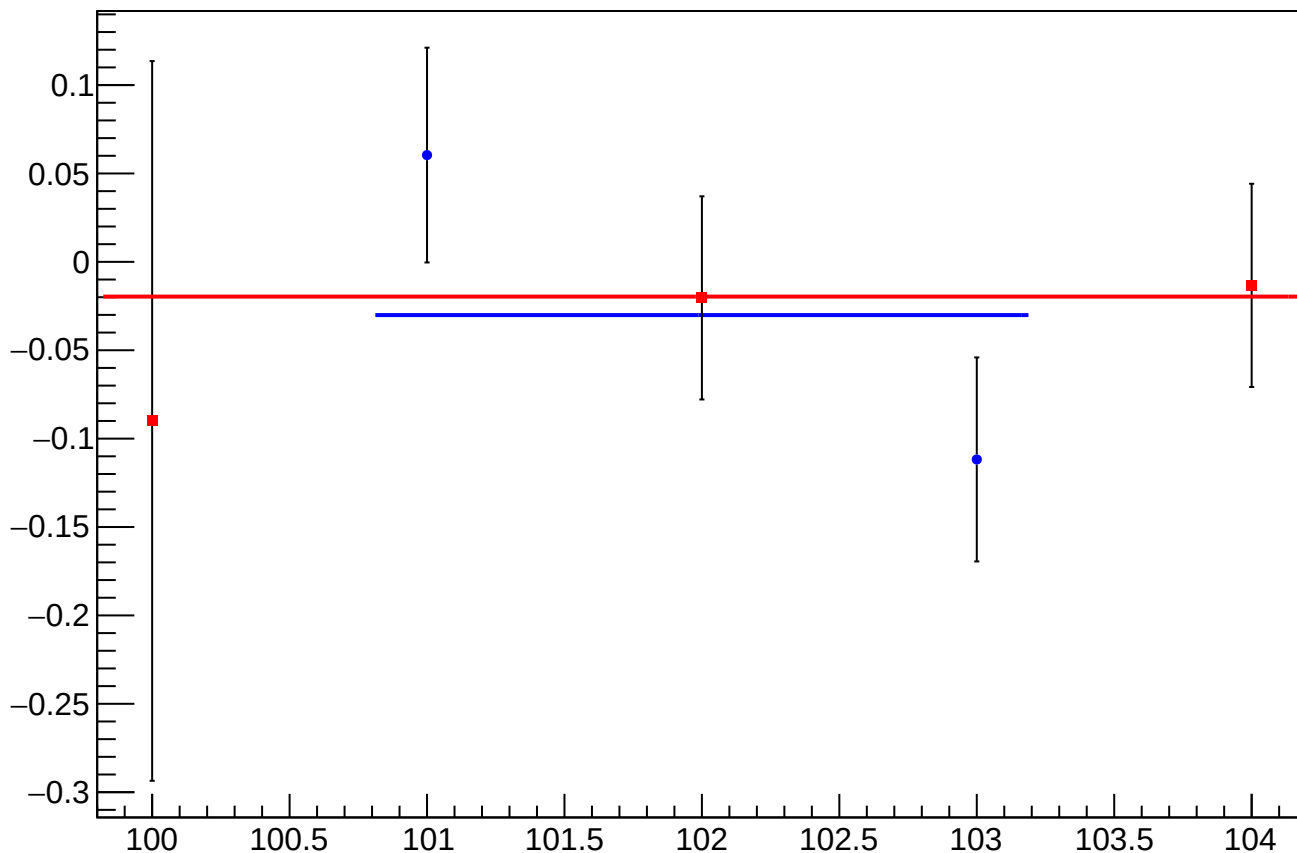
Right: 45.304 ± 0.020 $\chi^2/\text{NDF}: 24366.7/4$

In: 46.751 ± 0.030 $\chi^2/\text{NDF}: 5500.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 45.304 ± 0.020 $\chi^2/\text{NDF}: 24366.7/4$

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: -0.020+/-0.040 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

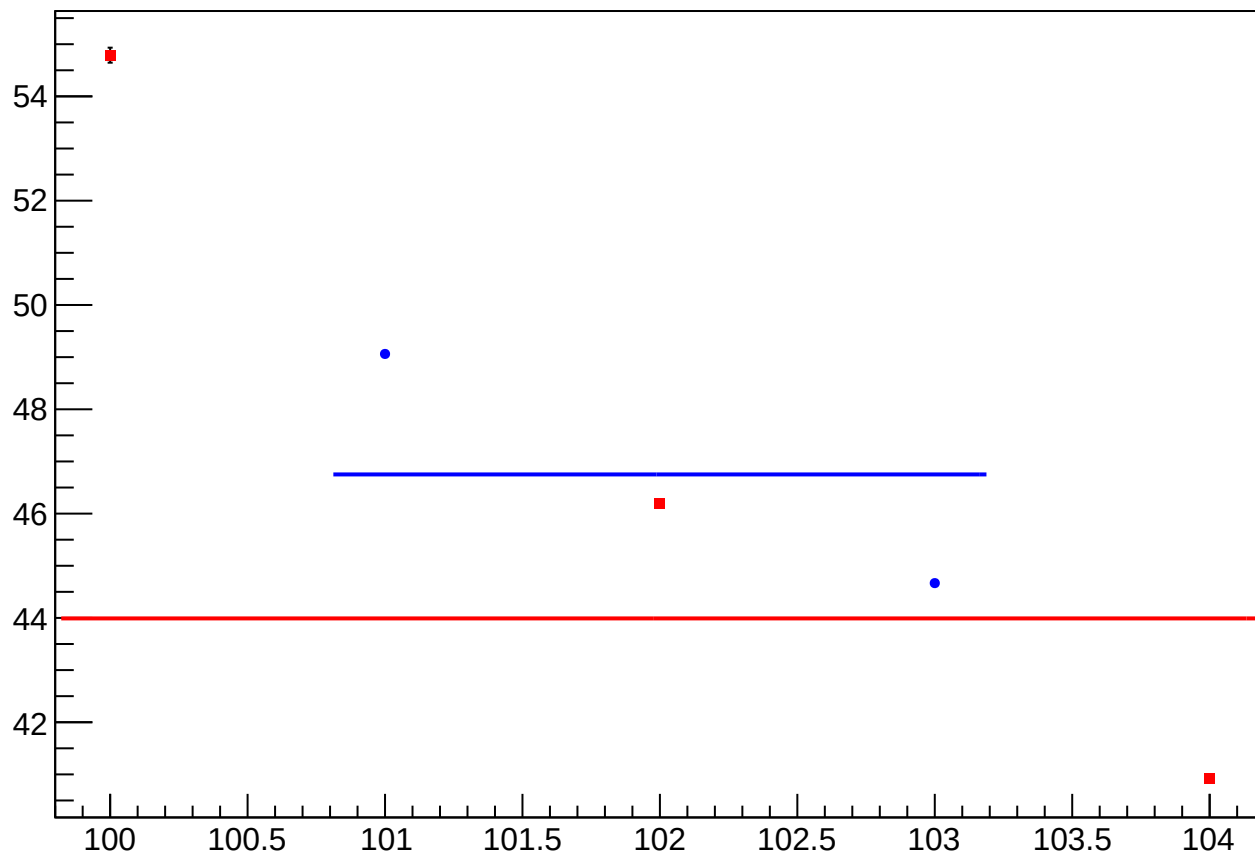
Right: -0.025+/-0.029 χ^2/NDF : 4.4/4

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.029 χ^2/NDF : 4.4/4

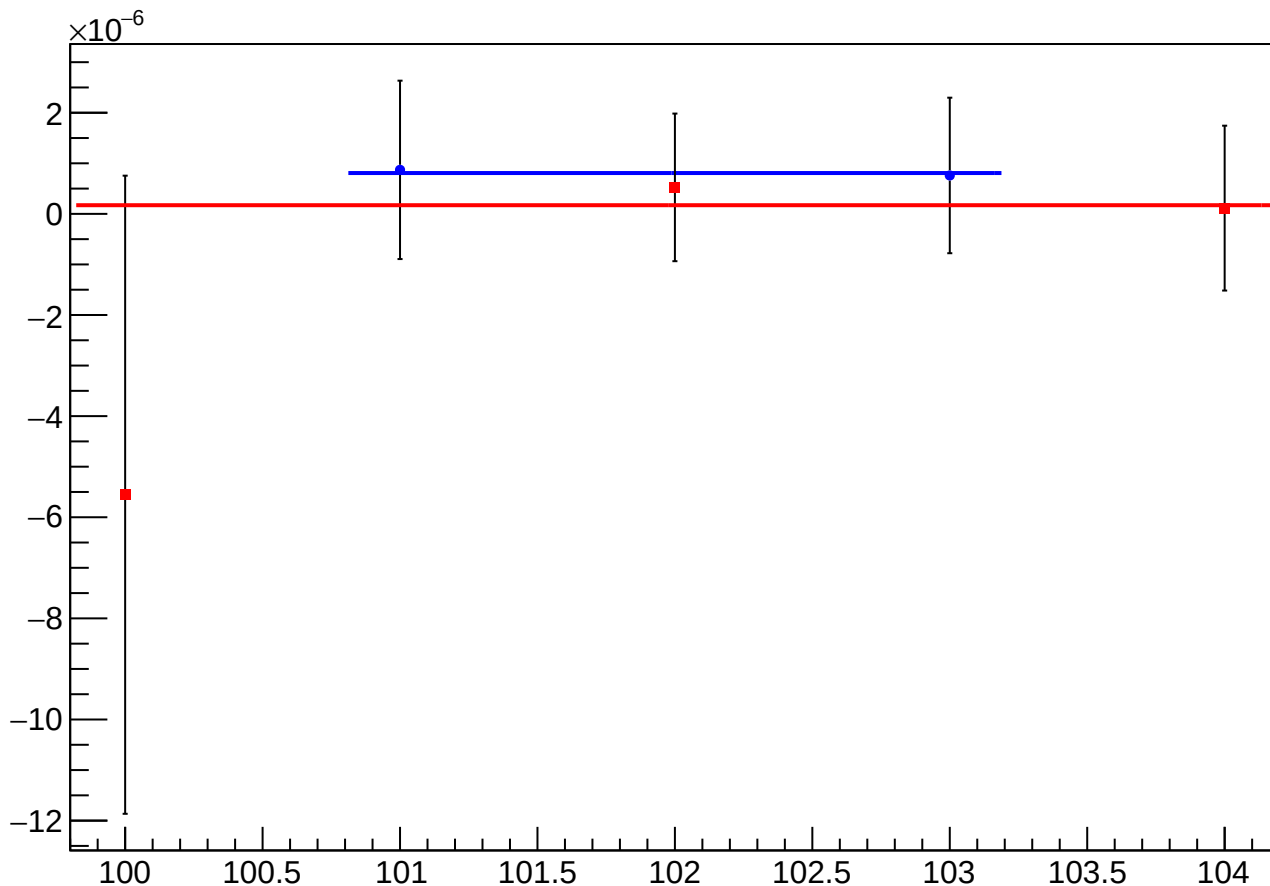
asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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: 43.991+/-0.028 χ^2/NDF : 14300.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 45.304+/-0.020 χ^2/NDF : 24366.7/4
 In: 46.751+/-0.030 χ^2/NDF : 5500.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 45.304+/-0.020 χ^2/NDF : 24366.7/4

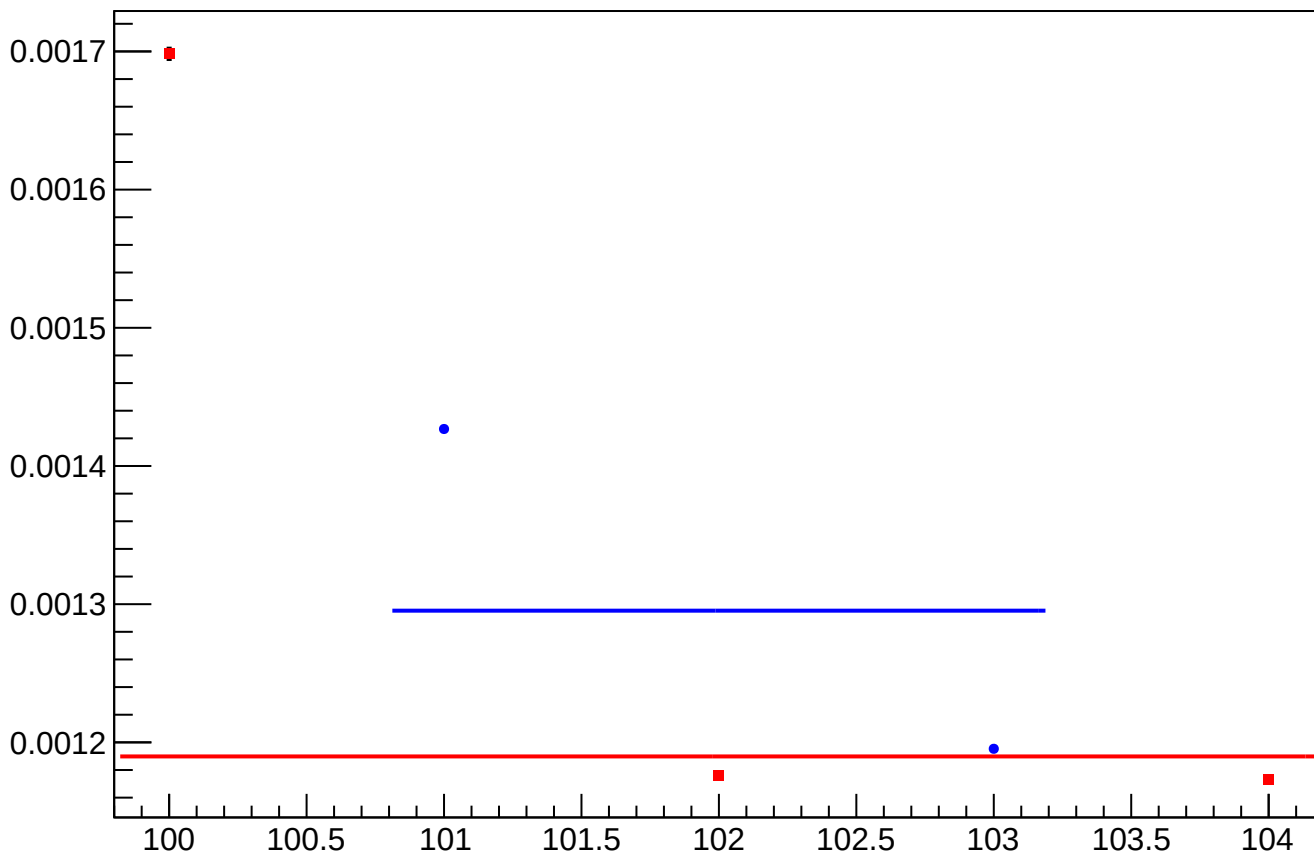
asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



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 : 0.9/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 1.0/4
 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 : 1.0/4

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 : 13372.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

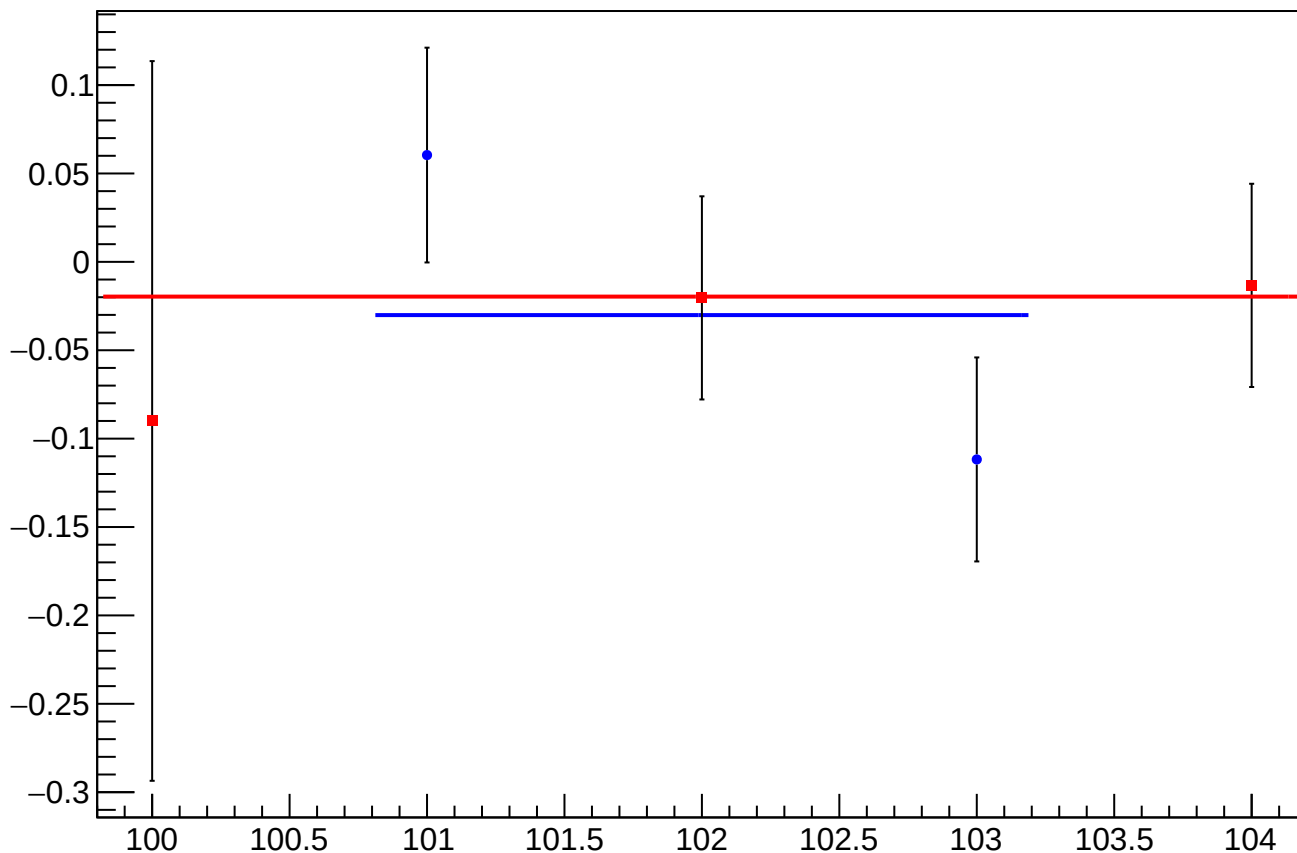
Right: 0.001+/-0.000 χ^2/NDF : 41858.1/4

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 : 41858.1/4

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: -0.020+/-0.040 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

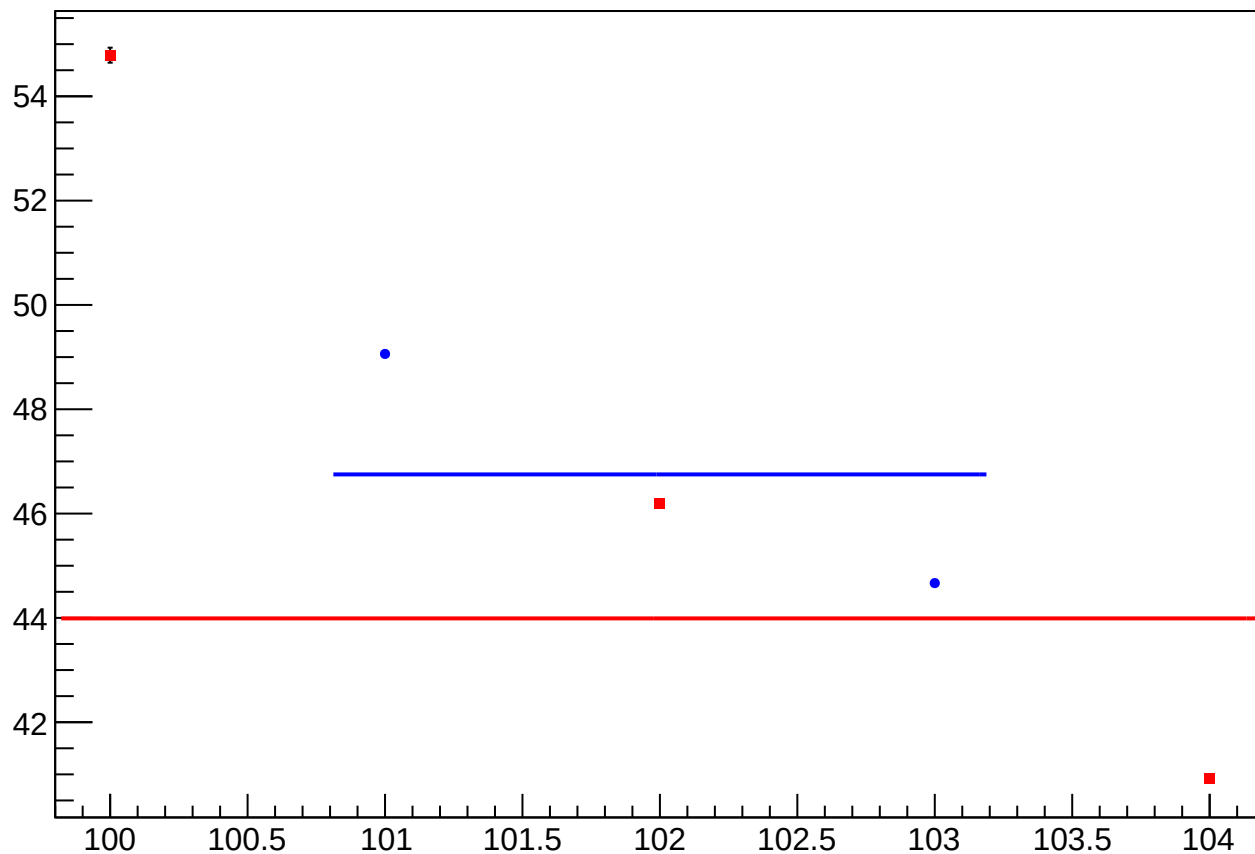
Right: -0.025+/-0.029 χ^2/NDF : 4.4/4

In: -0.030+/-0.042 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.029 χ^2/NDF : 4.4/4

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: 43.990+/-0.028 χ^2/NDF : 14300.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

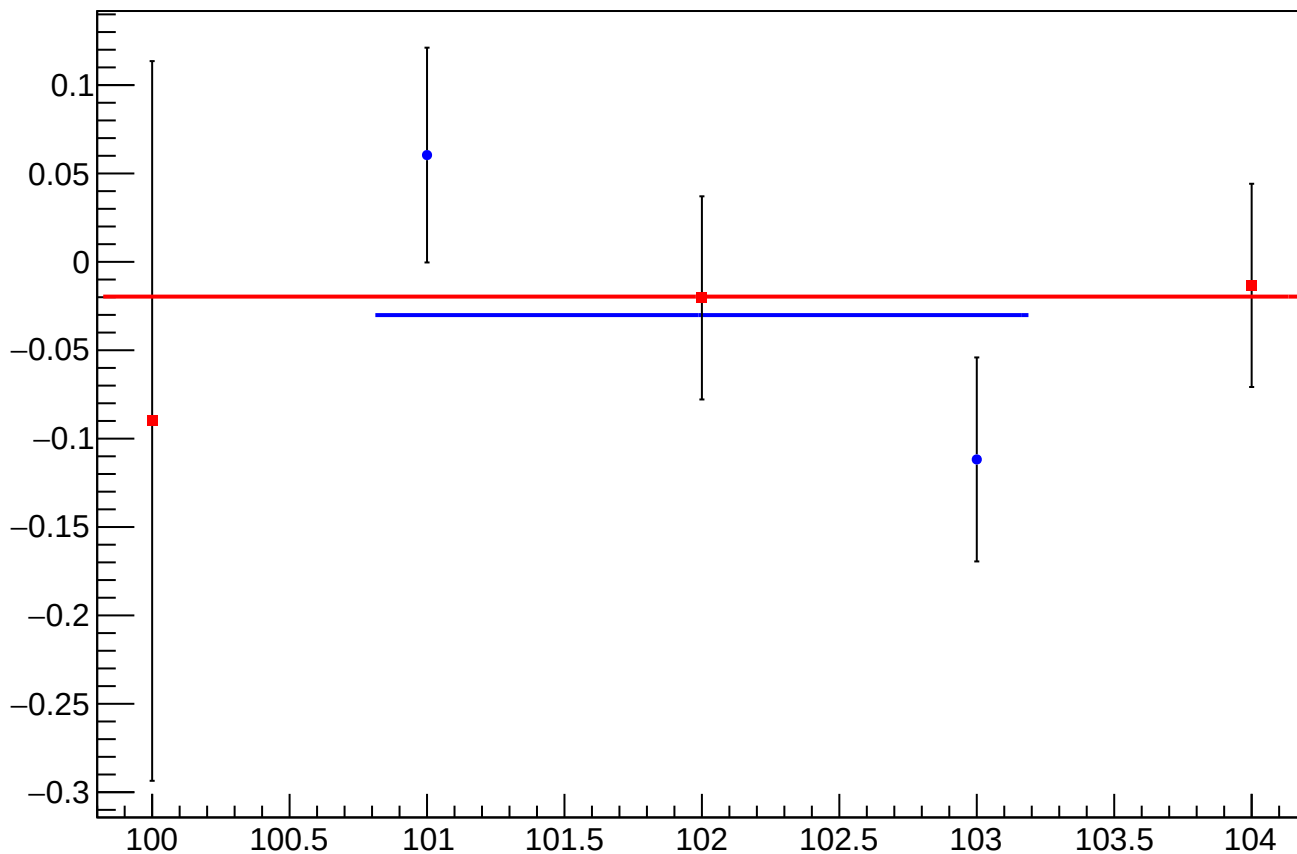
Right: 45.303+/-0.020 χ^2/NDF : 24366.6/4

In: 46.751+/-0.030 χ^2/NDF : 5500.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.303+/-0.020 χ^2/NDF : 24366.6/4

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: -0.020+/-0.040 χ^2/NDF : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

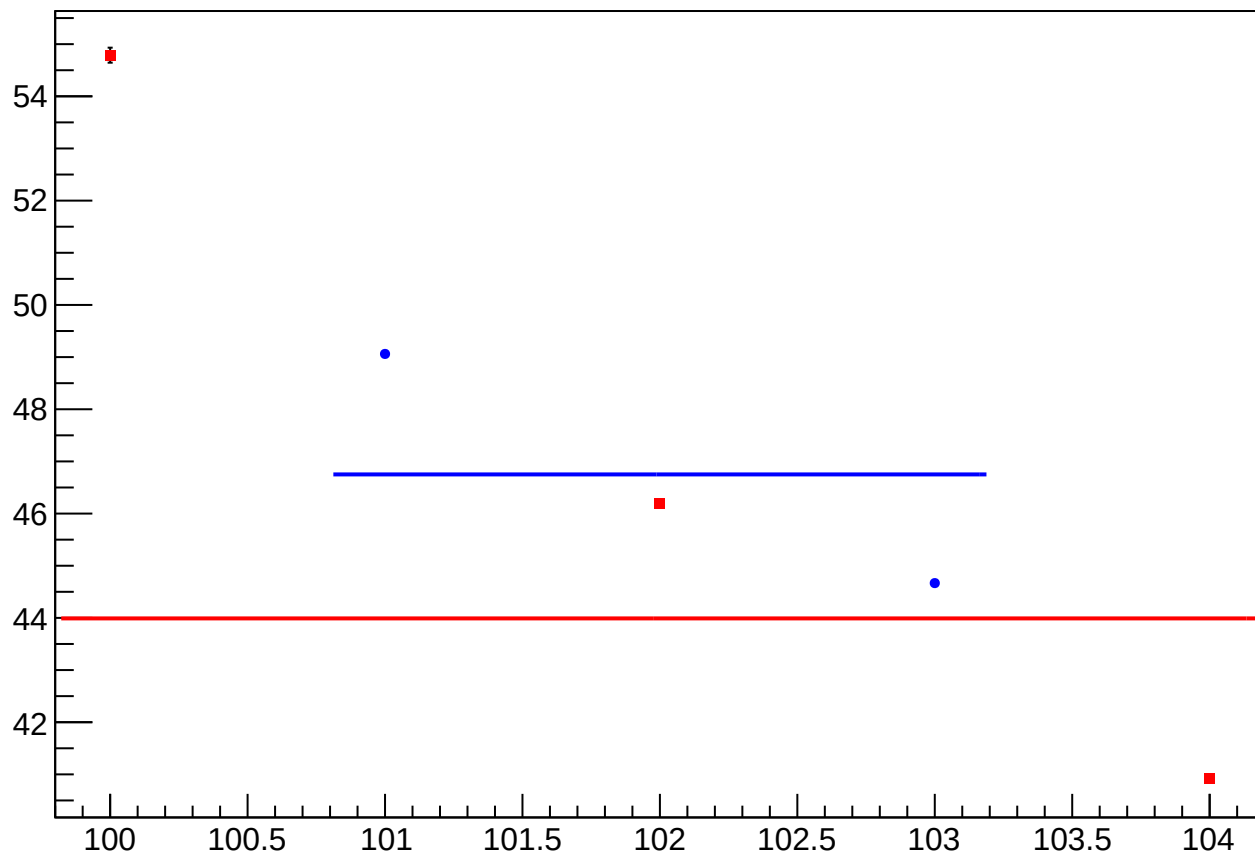
Right: -0.025+/-0.029 χ^2/NDF : 4.4/4

In: -0.030+/-0.042 χ^2/NDF :4.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.025+/-0.029 χ^2/NDF : 4.4/4

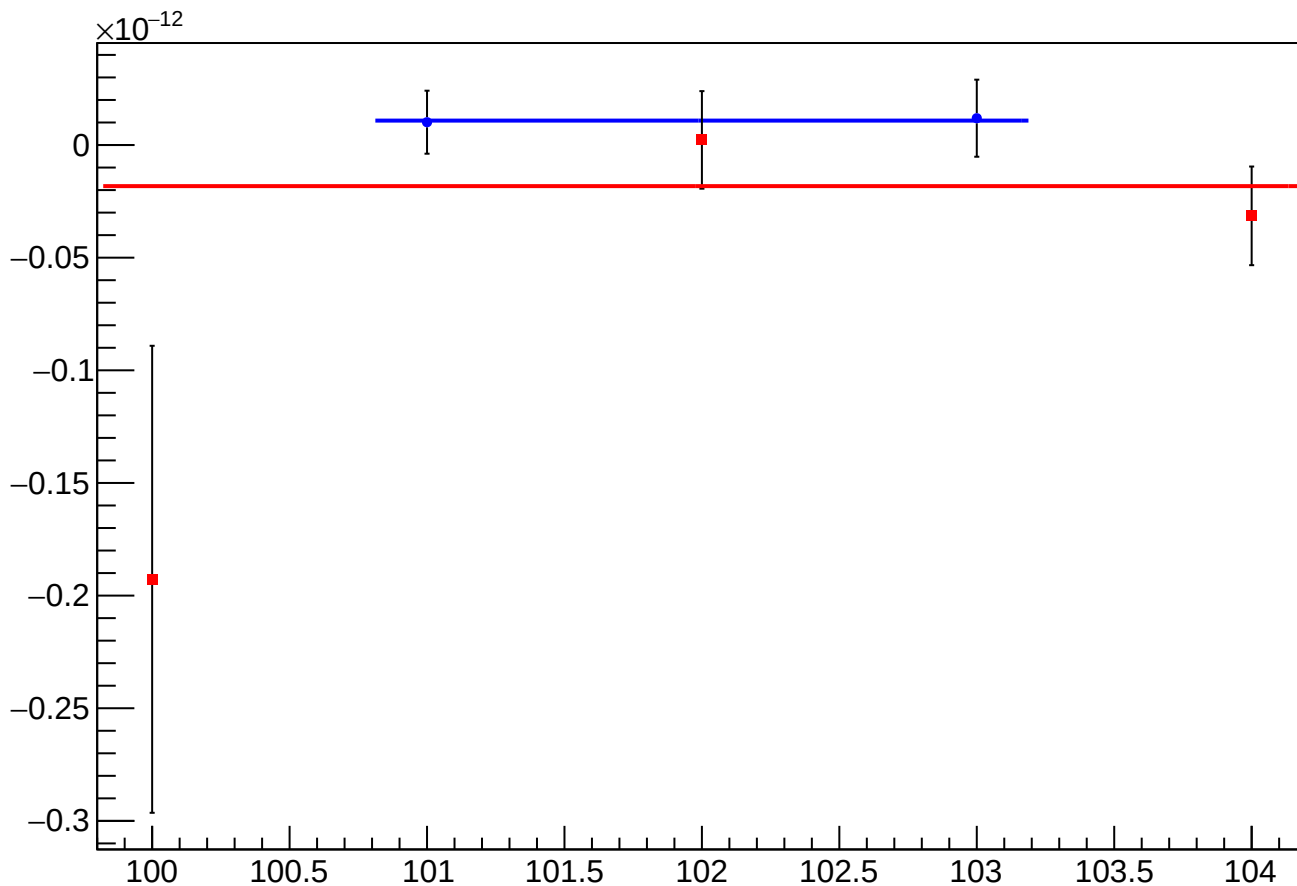
asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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: 43.990+/-0.028 χ^2/NDF : 14300.5/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 45.303+/-0.020 χ^2/NDF : 24366.6/4
 In: 46.751+/-0.030 χ^2/NDF : 5500.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 45.303+/-0.020 χ^2/NDF : 24366.6/4

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 : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

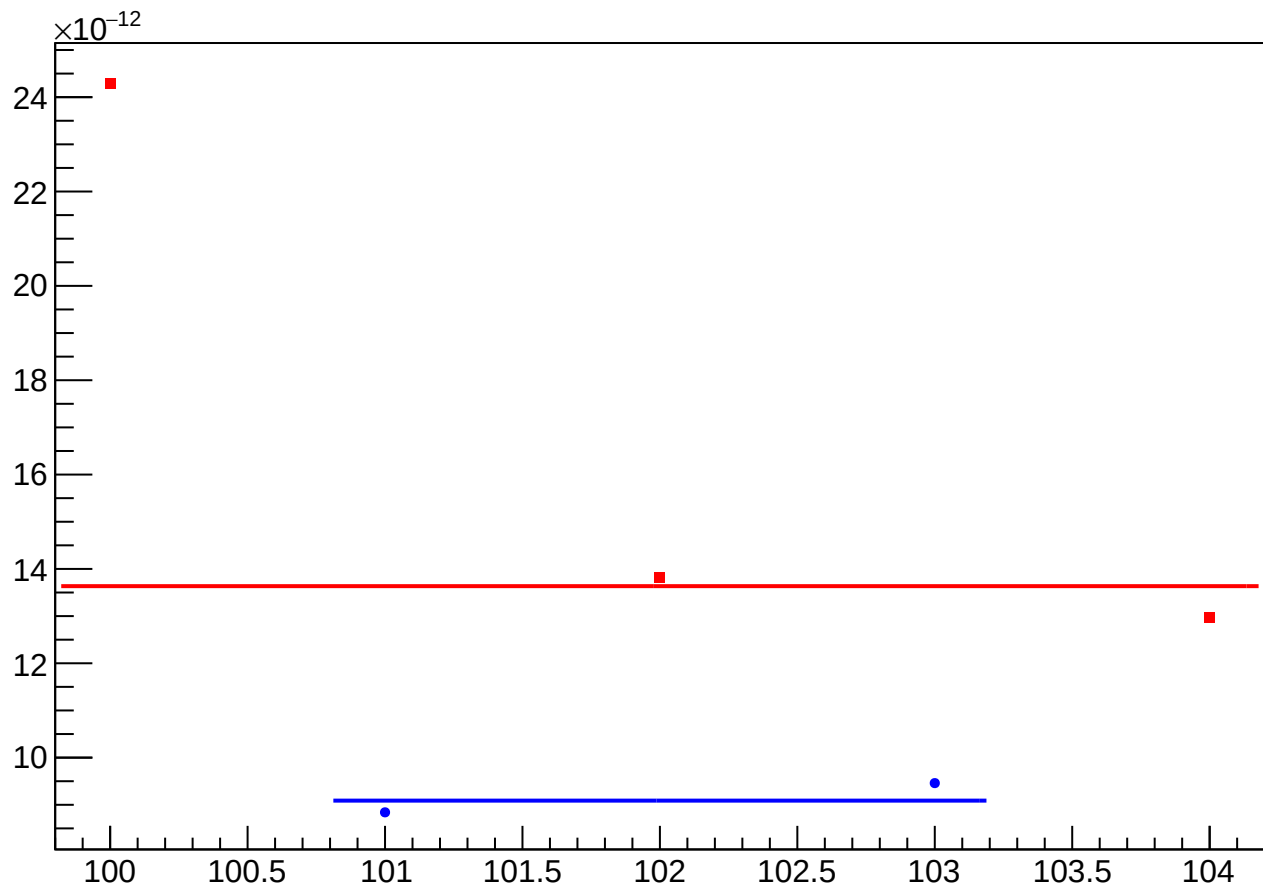
Right: 0.000+/-0.000 χ^2/NDF : 6.5/4

In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.5/4

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 : 23166.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

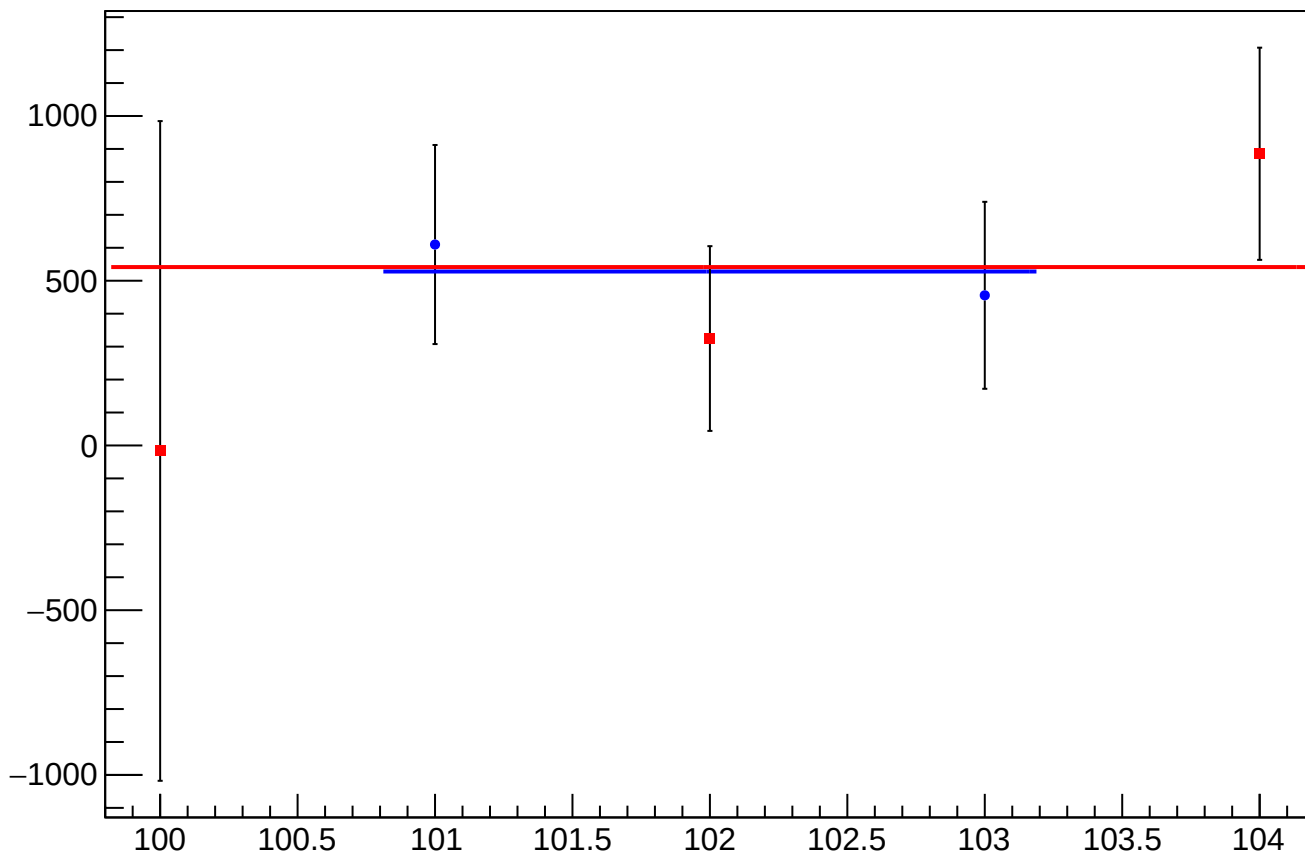
Right: 0.000+/-0.000 χ^2/NDF : 143157.3/4

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 : 143157.3/4

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: 541.468 $\pm$ 206.887 χ^2 /NDF: 2.0/2

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

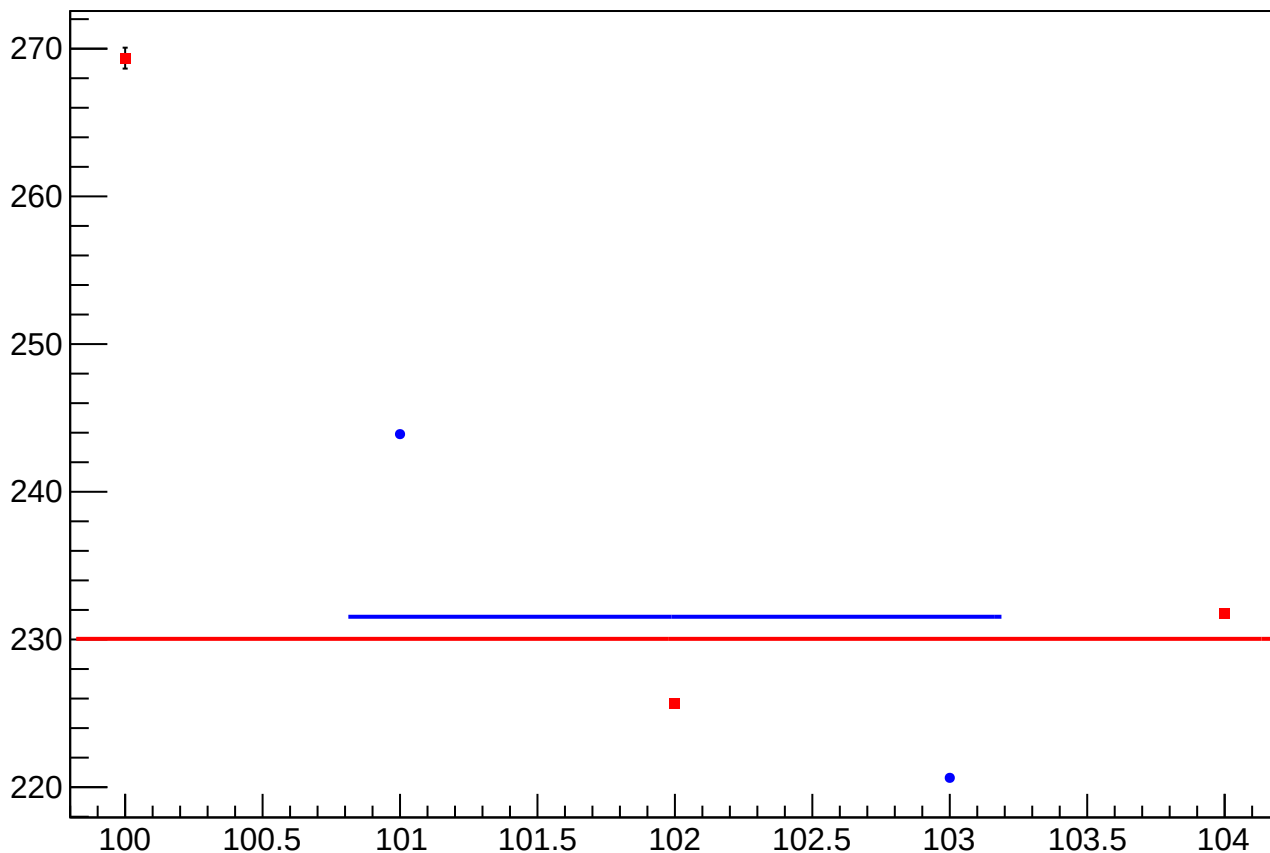
Right: 534.725 $\pm$ 146.270 χ^2 /NDF: 2.2/4

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: 534.725 $\pm$ 146.270 χ^2 /NDF: 2.2/4

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: 230.043 $\pm$ 0.146 χ^2 /NDF: 3631.4/2

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

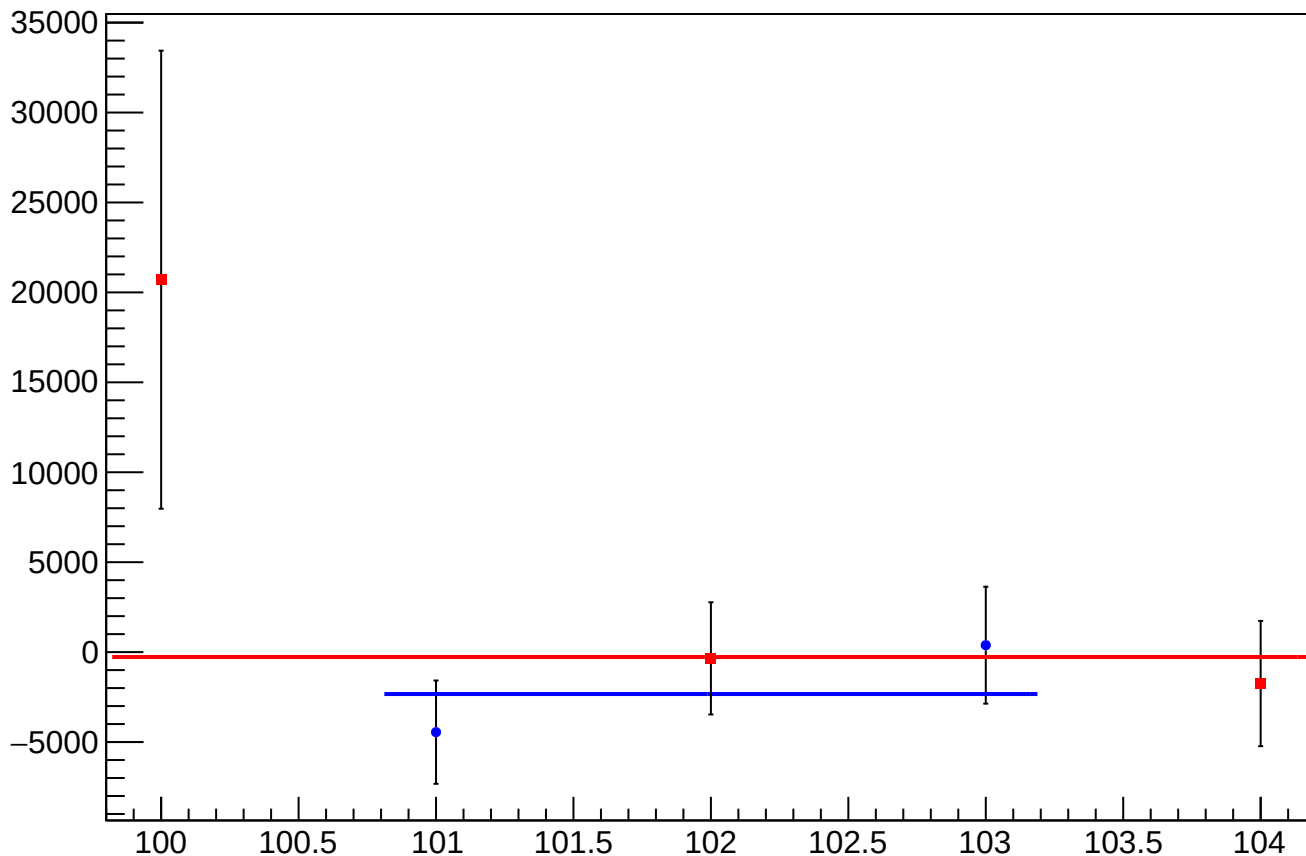
Right: 230.791 $\pm$ 0.103 χ^2 /NDF: 9988.4/4

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: 230.791 $\pm$ 0.103 χ^2 /NDF: 9988.4/4

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: -272.537 $\pm$ 2285.478 χ^2 /NDF: 2.9/2

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

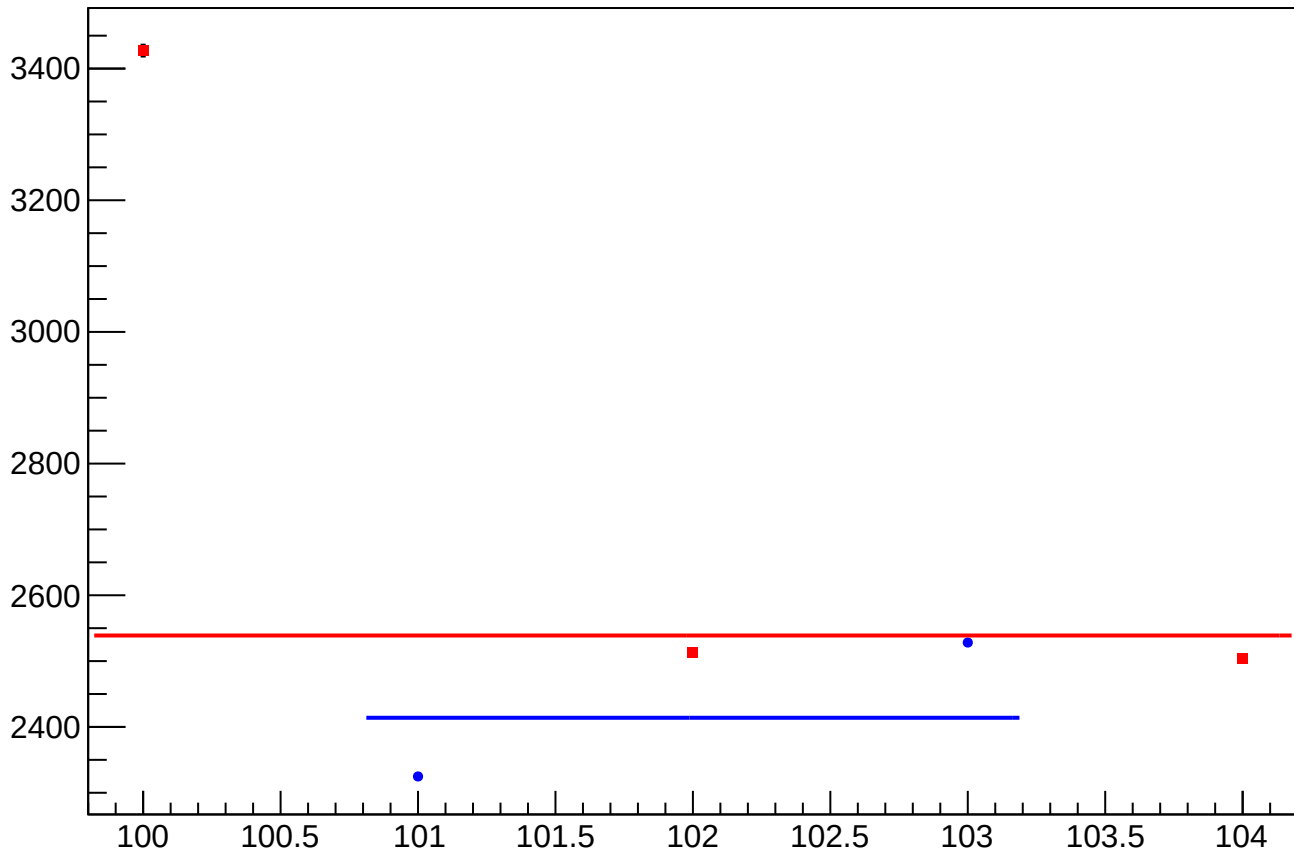
Right: -1363.621 $\pm$ 1566.708 χ^2 /NDF: 4.6/4

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: -1363.621 $\pm$ 1566.708 χ^2 /NDF: 4.6/4

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: 2538.888+/-1.616 χ^2/NDF : 10067.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

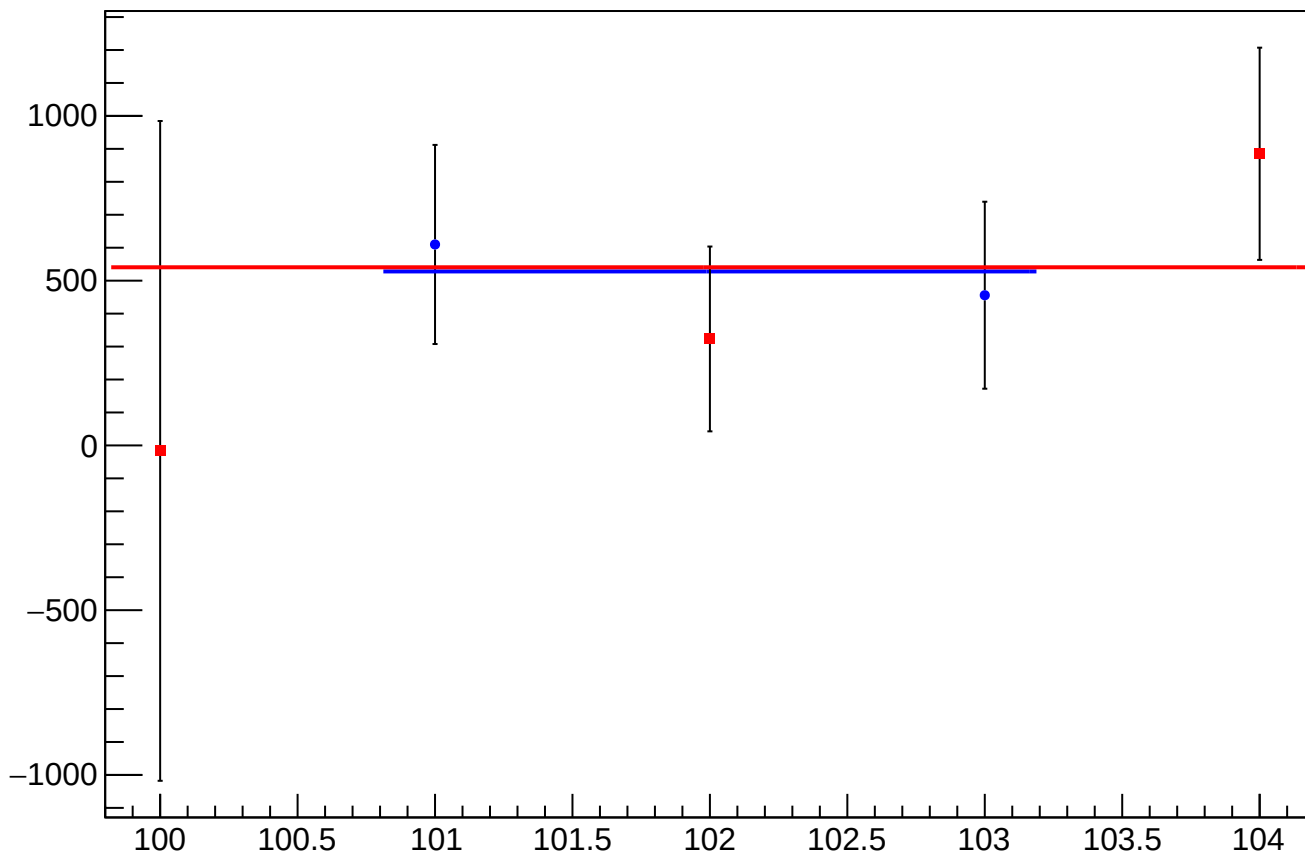
Right: 2472.648+/-1.108 χ^2/NDF : 17636.6/4

In: 2413.927+/-1.522 χ^2/NDF : 4400.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2472.648+/-1.108 χ^2/NDF : 17636.6/4

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.631+/-206.916 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

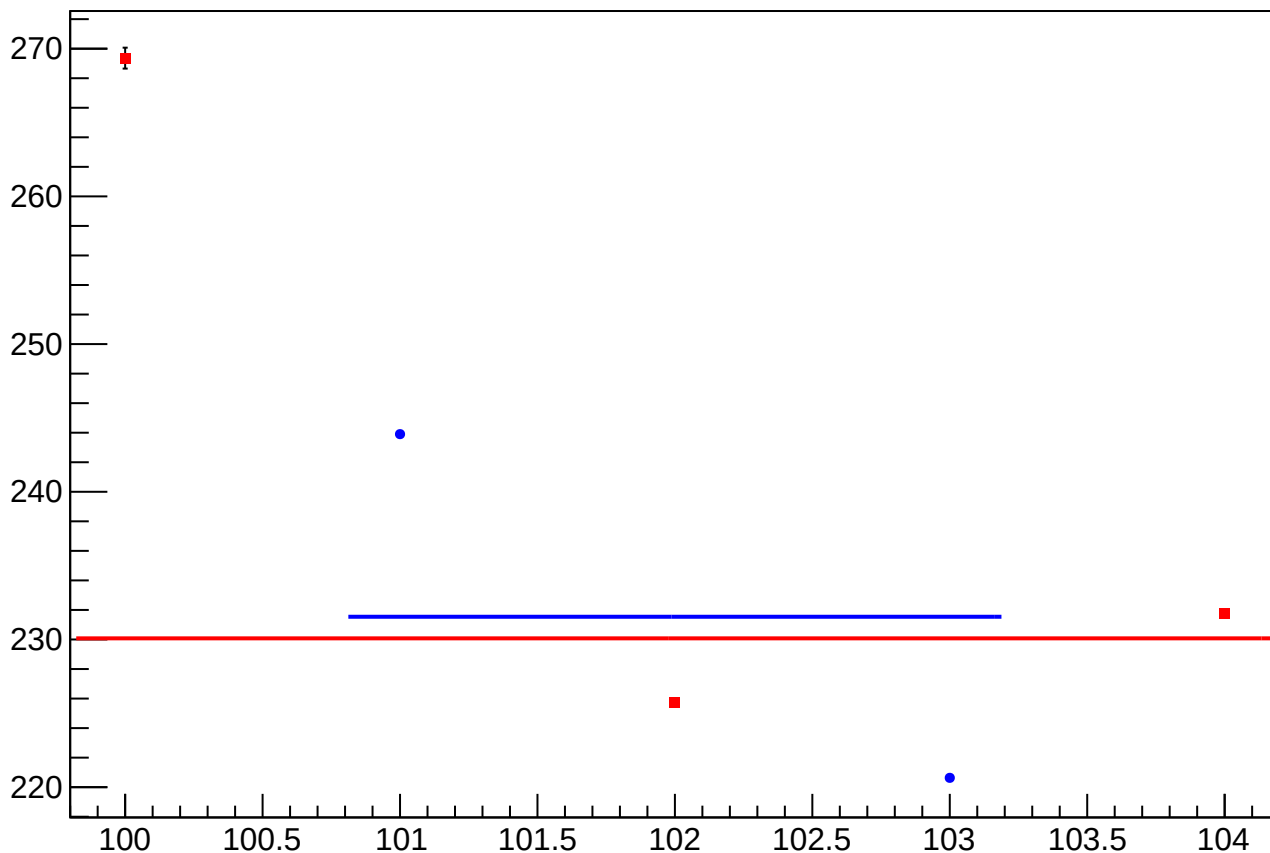
Right: 534.324+/-146.281 χ^2/NDF : 2.2/4

In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.324+/-146.281 χ^2/NDF : 2.2/4

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: 230.077+/-0.146 χ^2/NDF : 3618.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

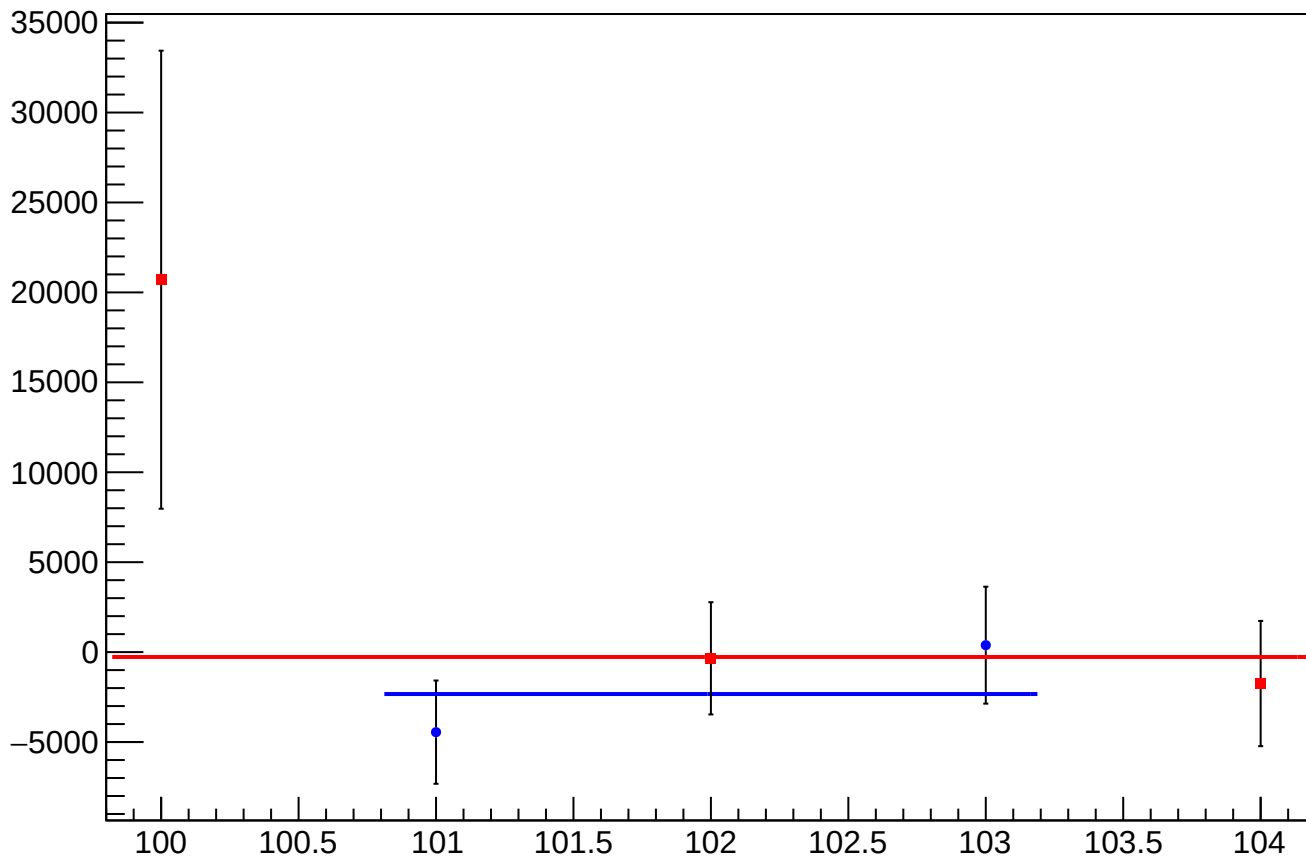
Right: 230.808+/-0.103 χ^2/NDF : 9972.7/4

In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.808+/-0.103 χ^2/NDF : 9972.7/4

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: -271.280+/-2285.934 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

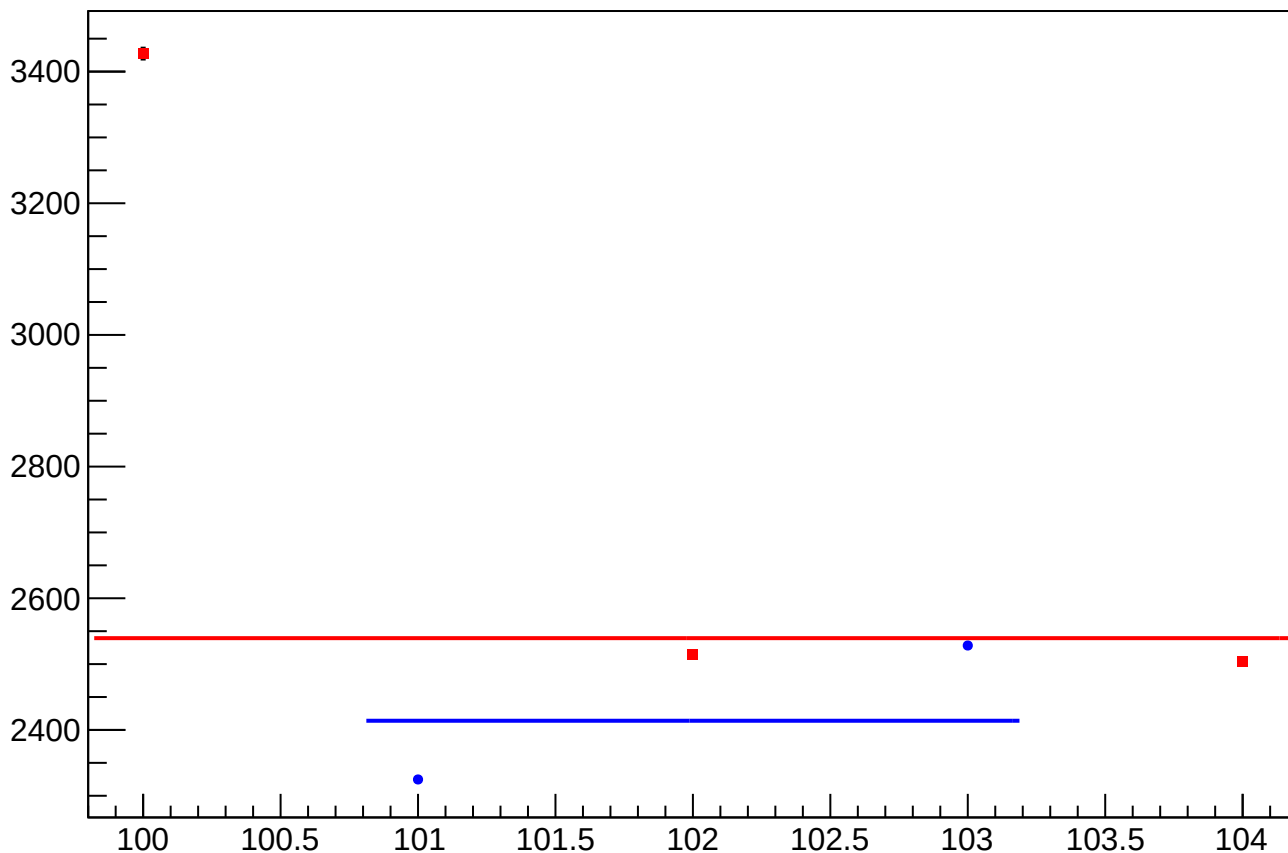
Right: -1363.086+/-1566.865 χ^2/NDF : 4.6/4

In: -2330.609+/-2151.897 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1363.086+/-1566.865 χ^2/NDF : 4.6/4

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2413.952 $\pm$ 1.522 χ^2 /NDF: 4402.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2539.409 $\pm$ 1.616 χ^2 /NDF: 10057.0/2

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

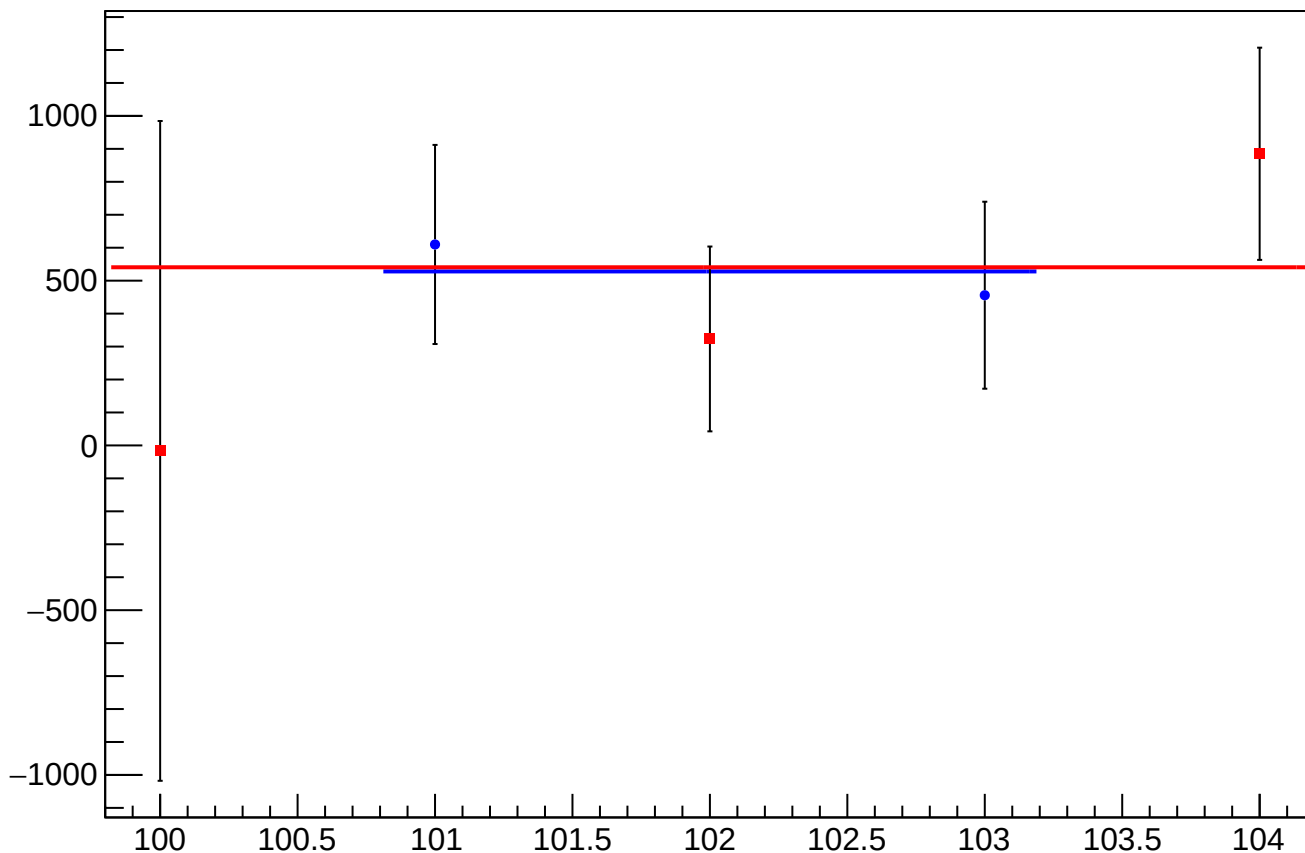
Right: 2472.894 $\pm$ 1.108 χ^2 /NDF: 17653.1/4

In: 2413.952 $\pm$ 1.522 χ^2 /NDF:4402.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2472.894 $\pm$ 1.108 χ^2 /NDF: 17653.1/4

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.631+/-206.916 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

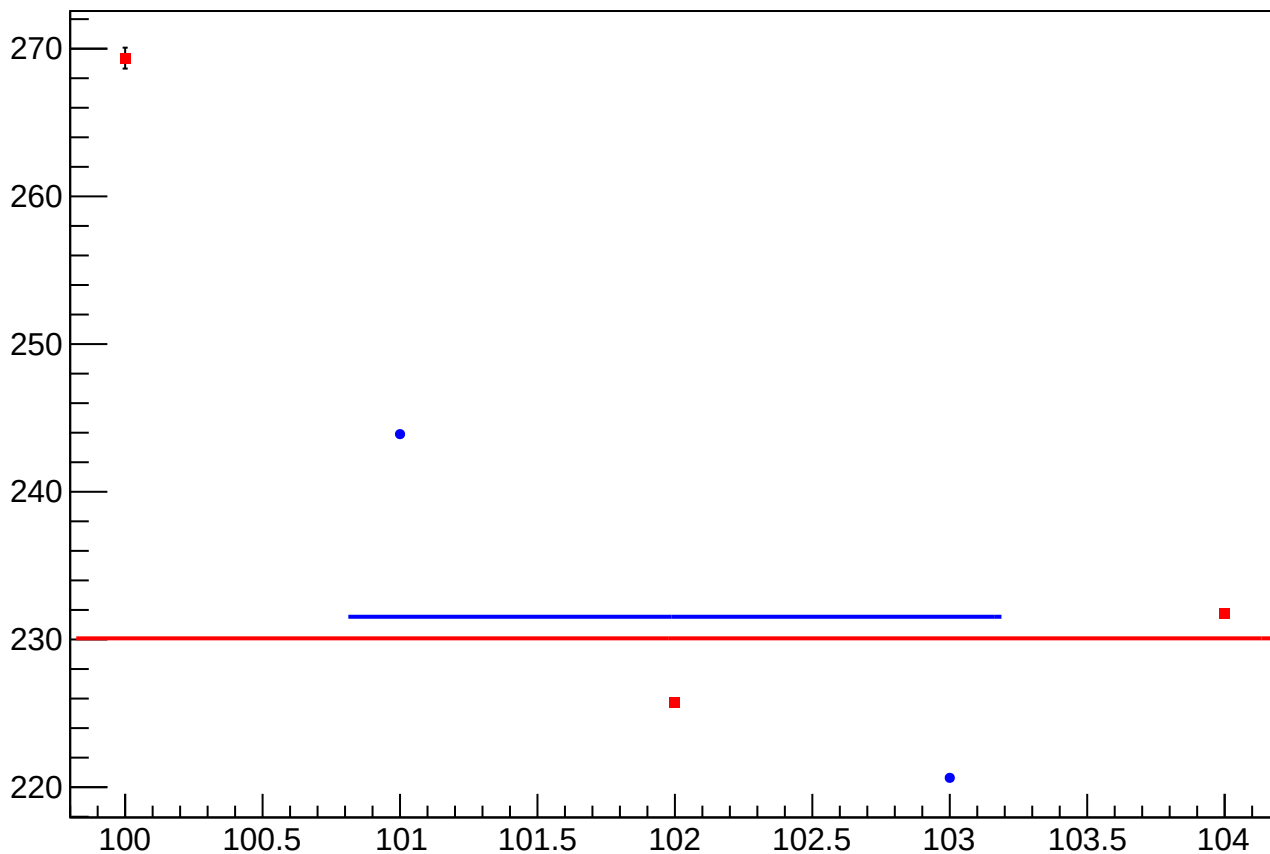
Right: 534.324+/-146.281 χ^2/NDF : 2.2/4

In: 528.023+/-206.829 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 534.324+/-146.281 χ^2/NDF : 2.2/4

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: 230.077+/-0.146 χ^2/NDF : 3618.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

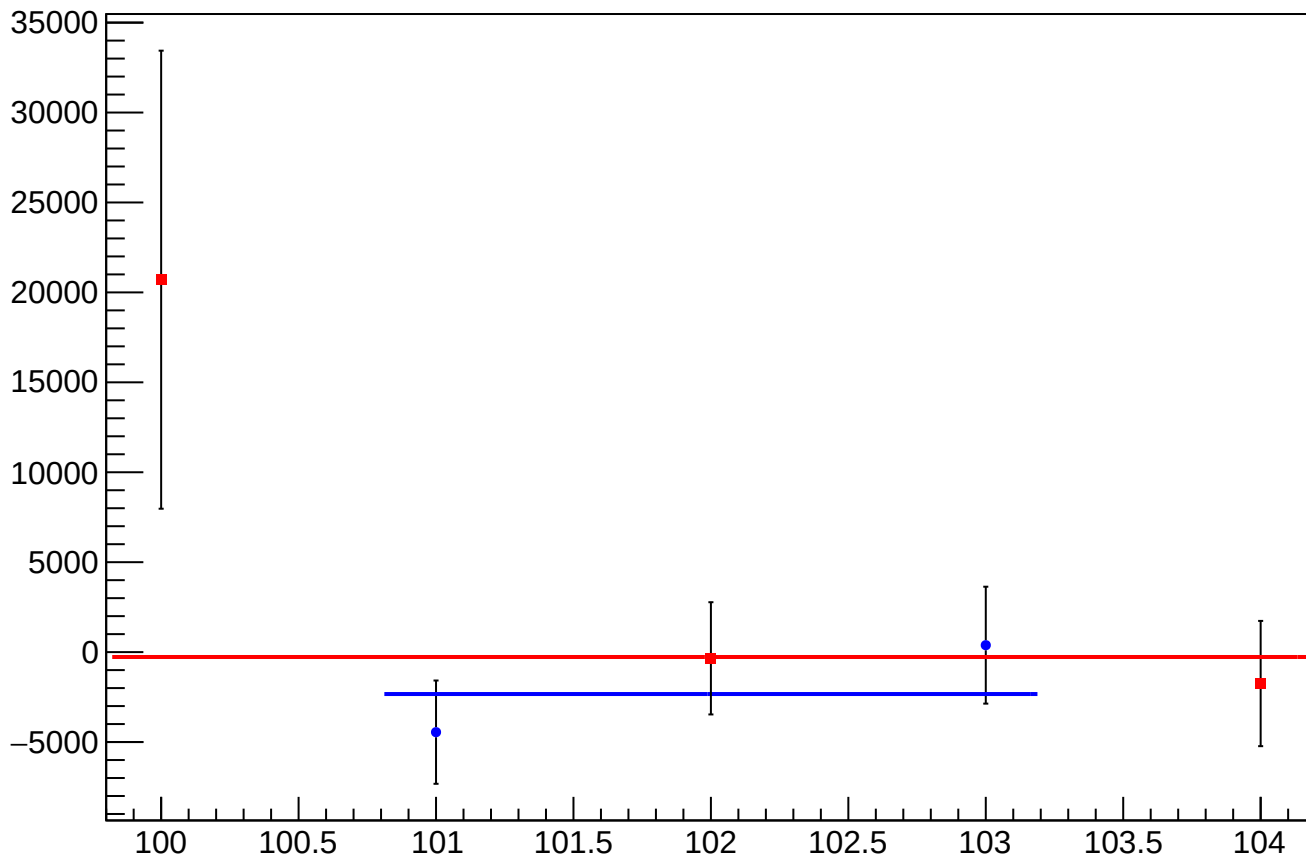
Right: 230.808+/-0.103 χ^2/NDF : 9972.7/4

In: 231.539+/-0.146 χ^2/NDF : 6304.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.808+/-0.103 χ^2/NDF : 9972.7/4

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: -271.280+/-2285.934 χ^2 /NDF: 2.9/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

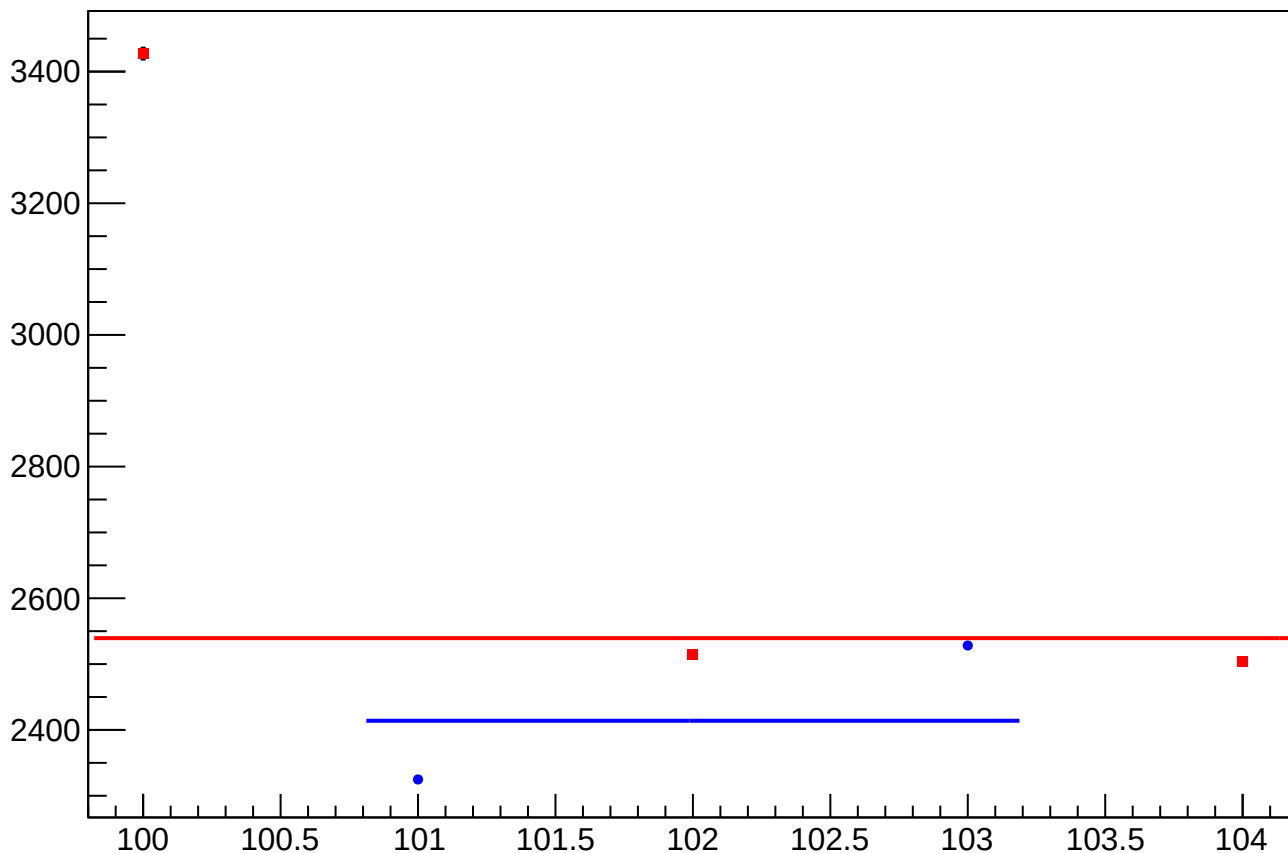
Right: -1363.086+/-1566.865 χ^2 /NDF: 4.6/4

In: -2330.609+/-2151.897 χ^2 /NDF: 1.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1363.086+/-1566.865 χ^2 /NDF: 4.6/4

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: 2539.409+/-1.616 χ^2/NDF : 10057.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

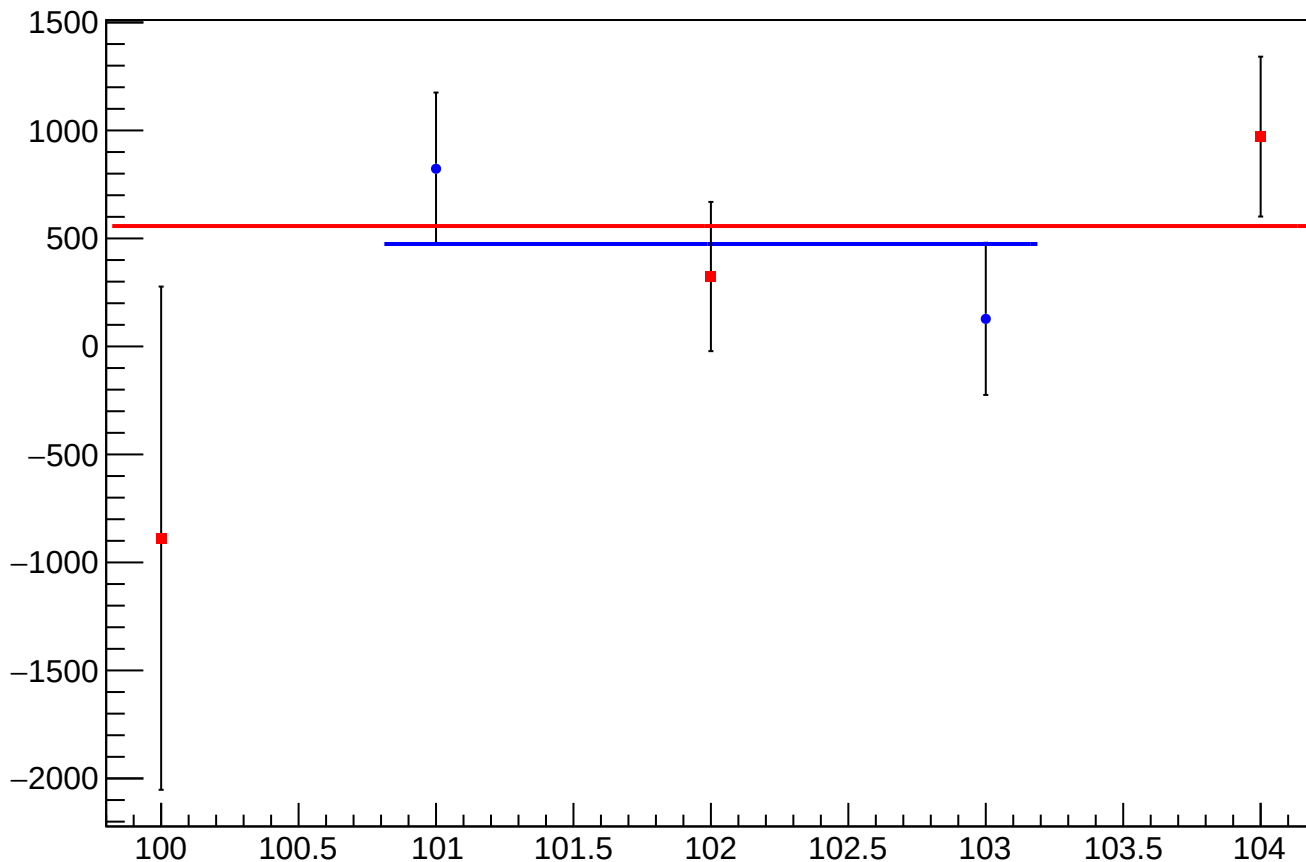
Right: 2472.894+/-1.108 χ^2/NDF : 17653.1/4

In: 2413.952+/-1.522 χ^2/NDF : 4402.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2472.894+/-1.108 χ^2/NDF : 17653.1/4

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 474.327+/-249.238 χ^2/NDF : 1.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.389+/-246.803 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

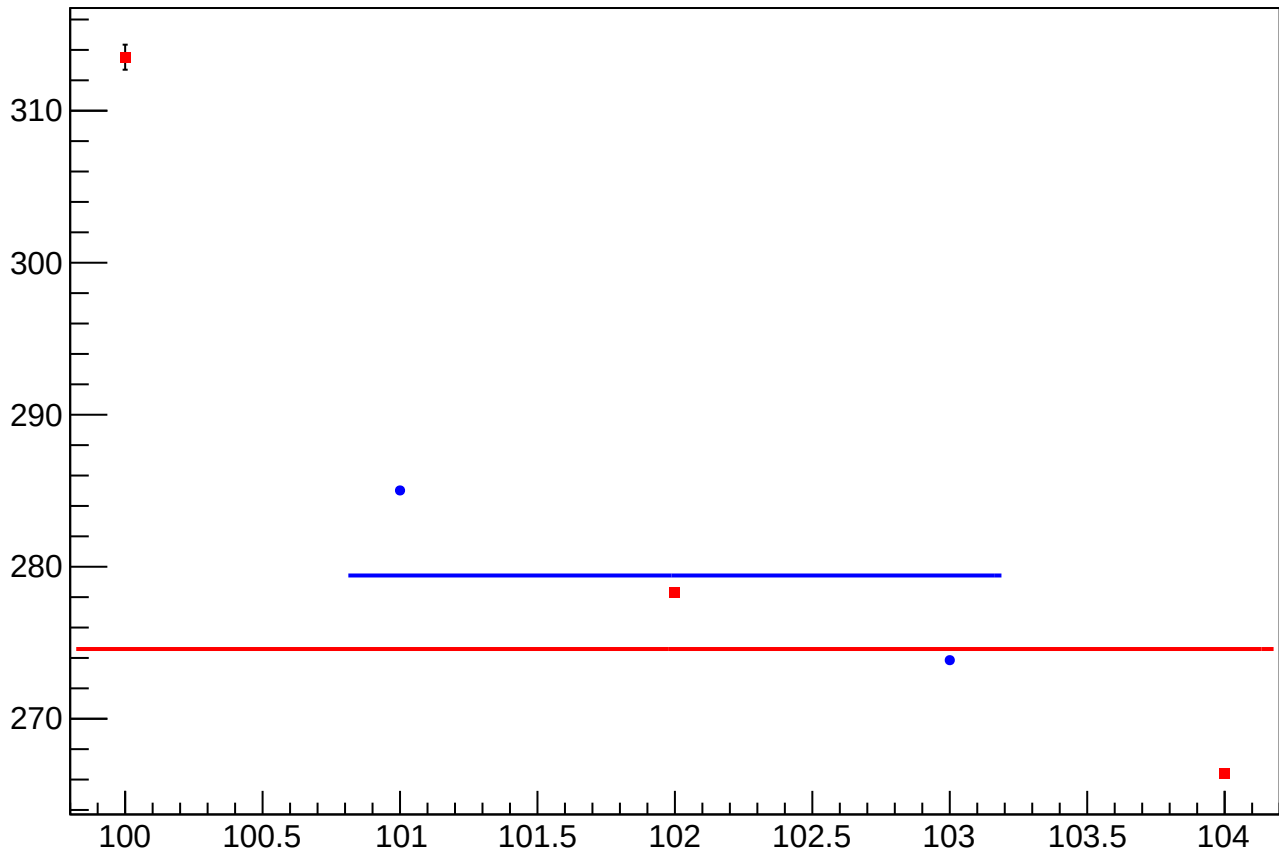
Right: 516.266+/-175.371 χ^2/NDF : 5.2/4

In: 474.327+/-249.238 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.266+/-175.371 χ^2/NDF : 5.2/4

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: 274.588+/-0.175 χ^2/NDF : 3451.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

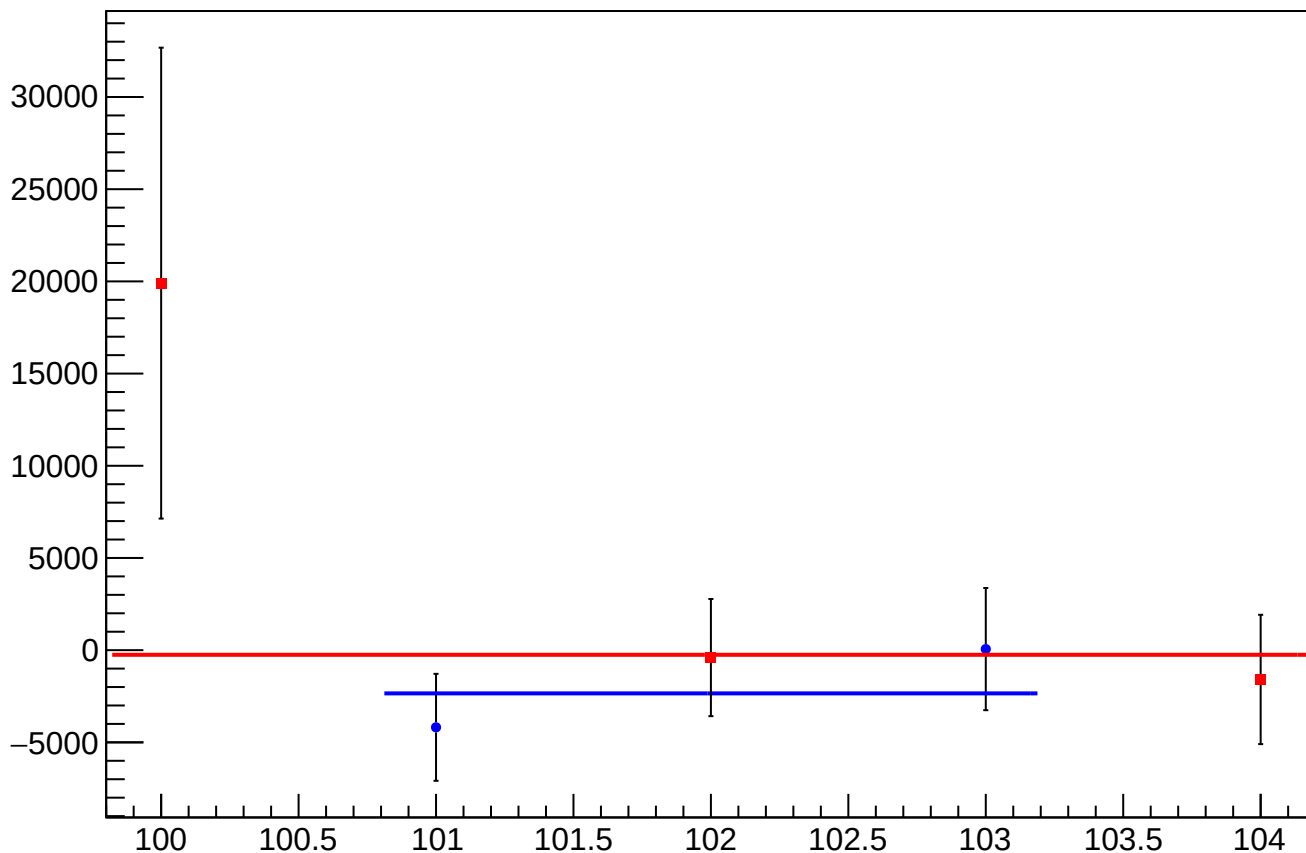
Right: 276.983+/-0.124 χ^2/NDF : 4835.4/4

In: 279.425+/-0.176 χ^2/NDF : 1003.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.983+/-0.124 χ^2/NDF : 4835.4/4

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -2344.510+/-2182.224 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.588+/-2315.350 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

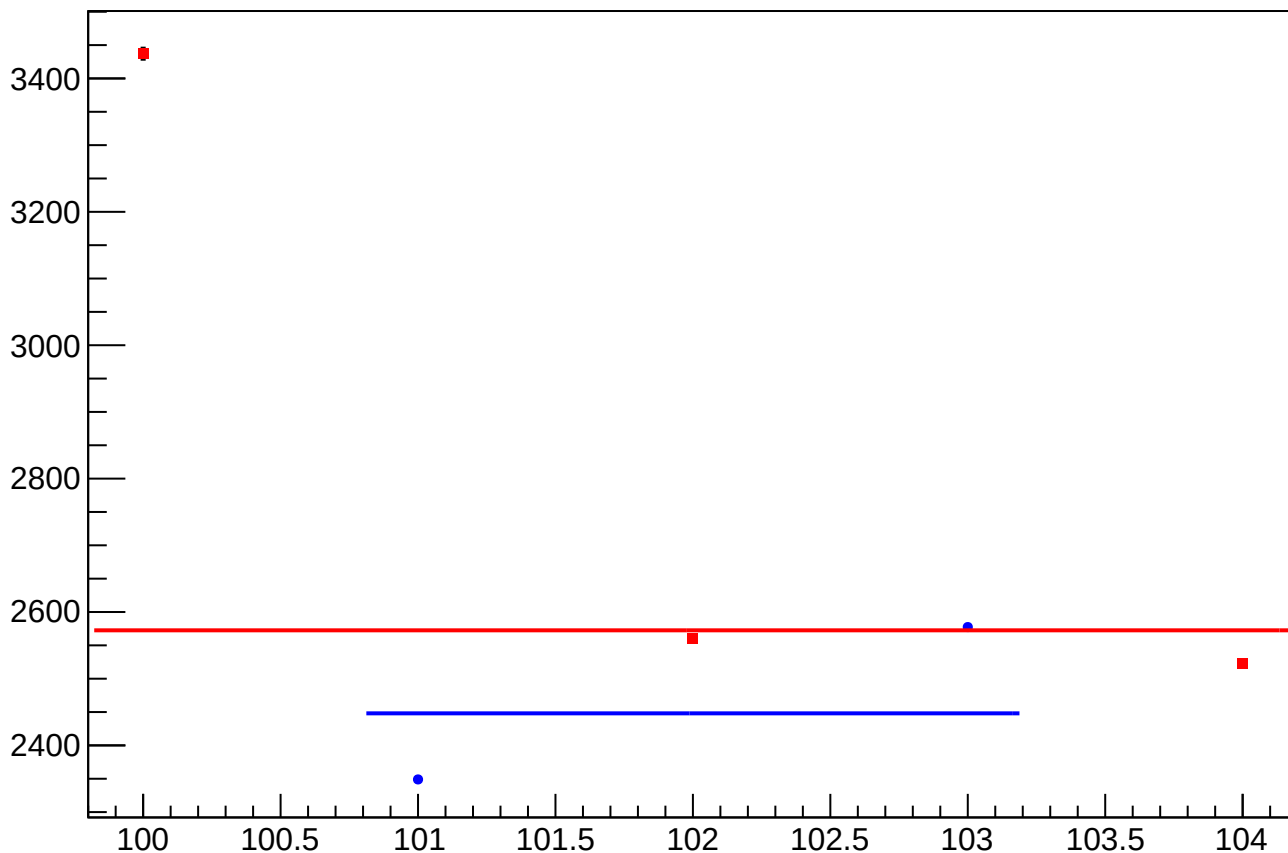
Right: -1359.944+/-1588.044 χ^2/NDF : 4.0/4

In: -2344.510+/-2182.224 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1359.944+/-1588.044 χ^2/NDF : 4.0/4

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: 2572.535+/-1.637 χ^2/NDF : 9606.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

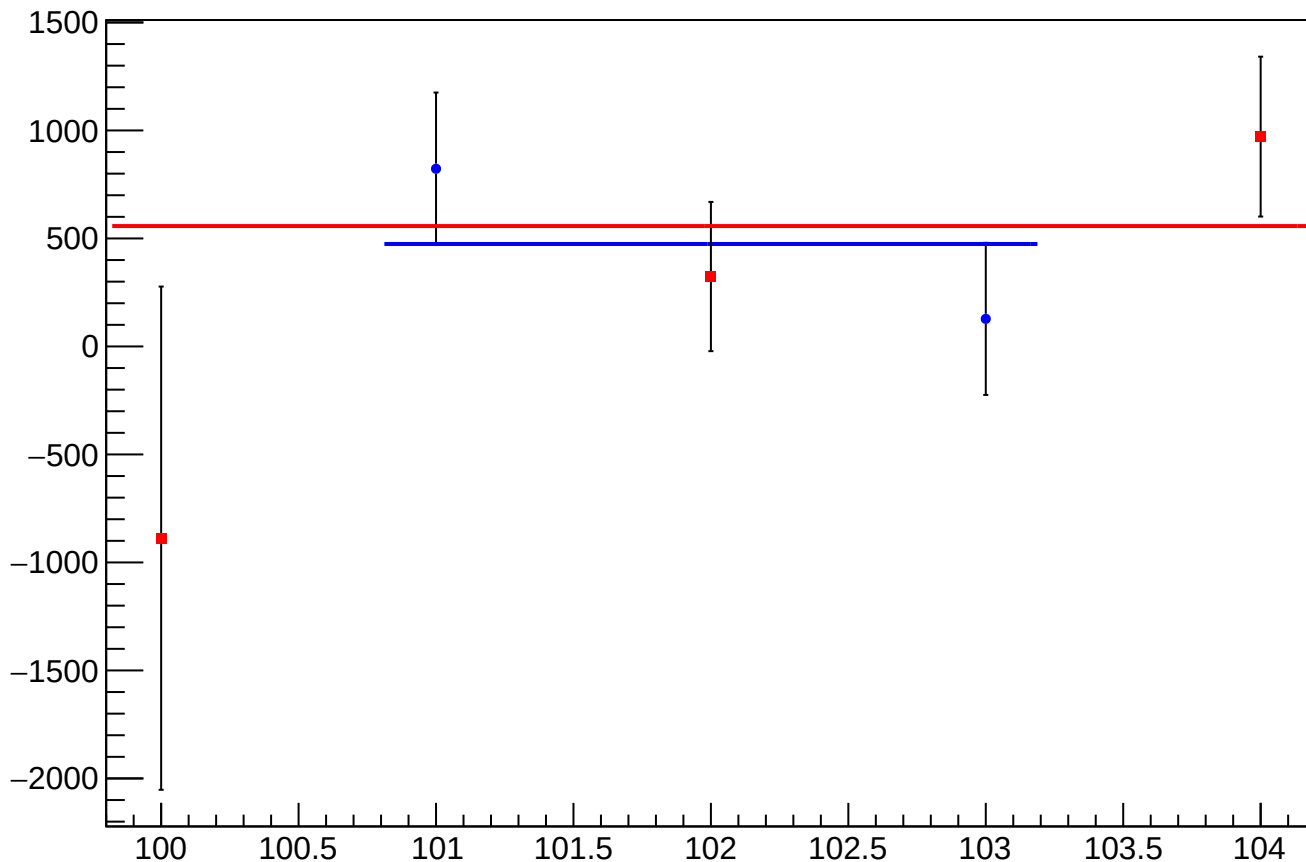
Right: 2506.616+/-1.123 χ^2/NDF : 18051.4/4

In: 2448.058+/-1.543 χ^2/NDF : 5383.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.616+/-1.123 χ^2/NDF : 18051.4/4

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: 557.390+/-246.802 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

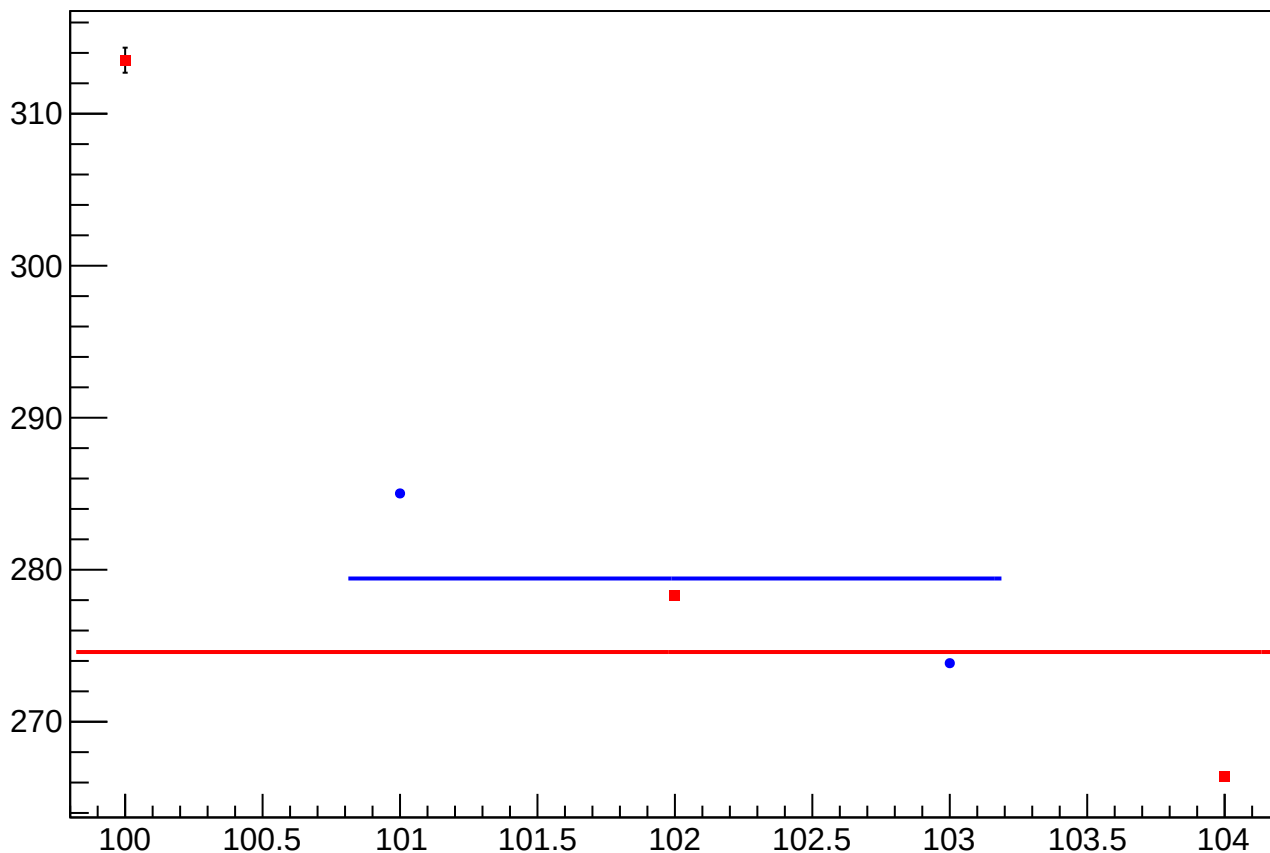
Right: 516.264+/-175.370 χ^2/NDF : 5.2/4

In: 474.322+/-249.237 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.264+/-175.370 χ^2/NDF : 5.2/4

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 279.424+/-0.176 χ^2/NDF : 1003.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 274.587+/-0.175 χ^2/NDF : 3451.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

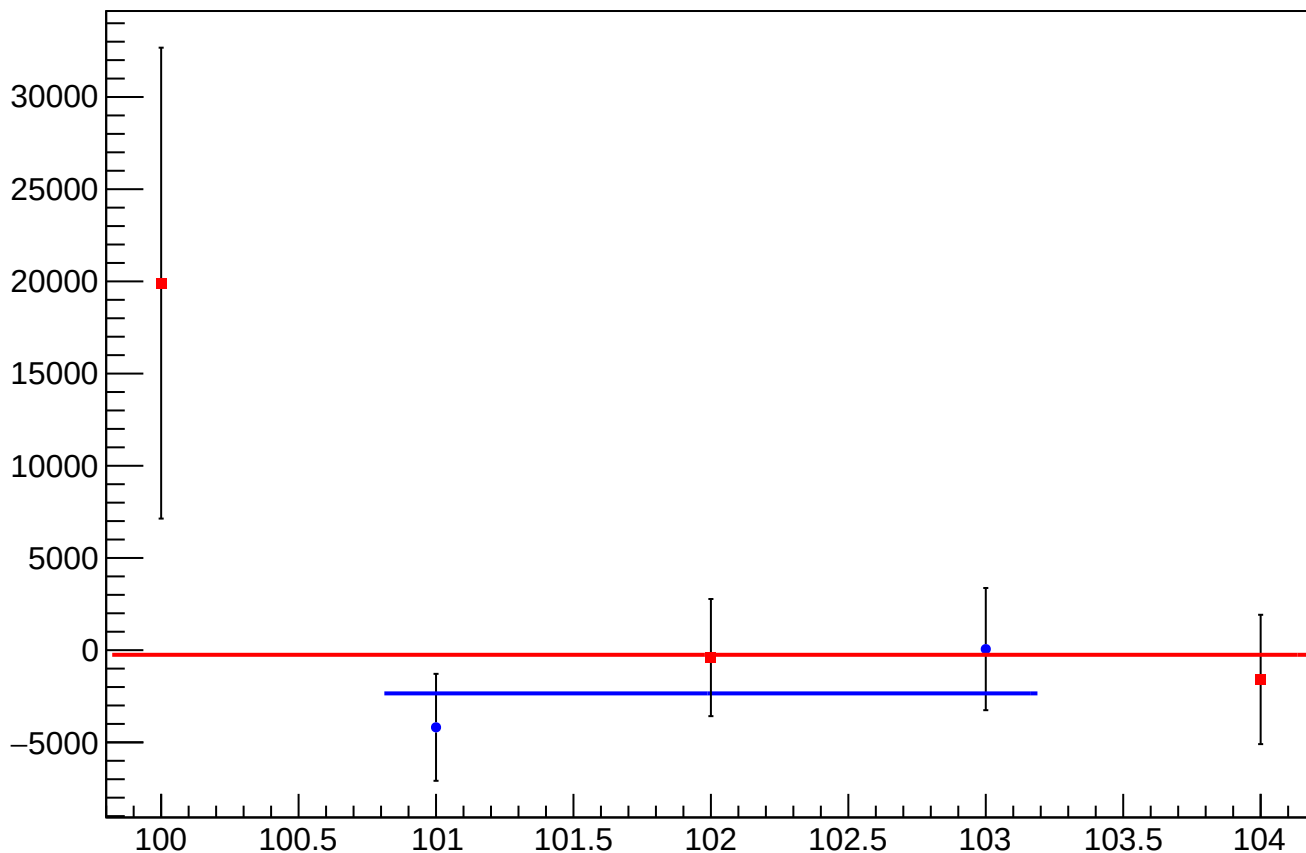
Right: 276.982+/-0.124 χ^2/NDF : 4835.5/4

In: 279.424+/-0.176 χ^2/NDF : 1003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.982+/-0.124 χ^2/NDF : 4835.5/4

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: -251.589 $\pm$ 2315.343 χ^2 /NDF: 2.6/2

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

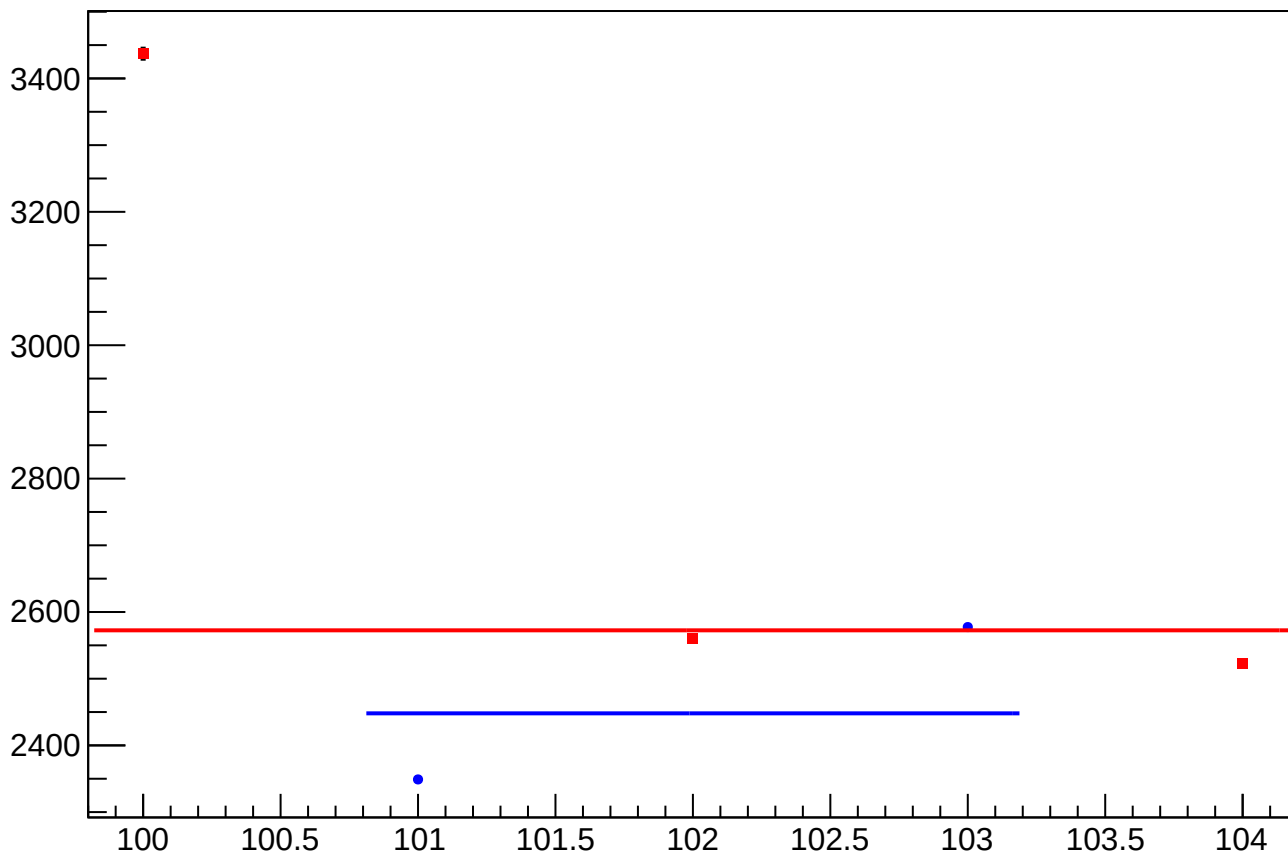
Right: -1359.943 $\pm$ 1588.040 χ^2 /NDF: 4.0/4

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: -1359.943 $\pm$ 1588.040 χ^2 /NDF: 4.0/4

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.054+/-1.543 χ^2/NDF : 5383.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2572.527+/-1.637 χ^2/NDF : 9606.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

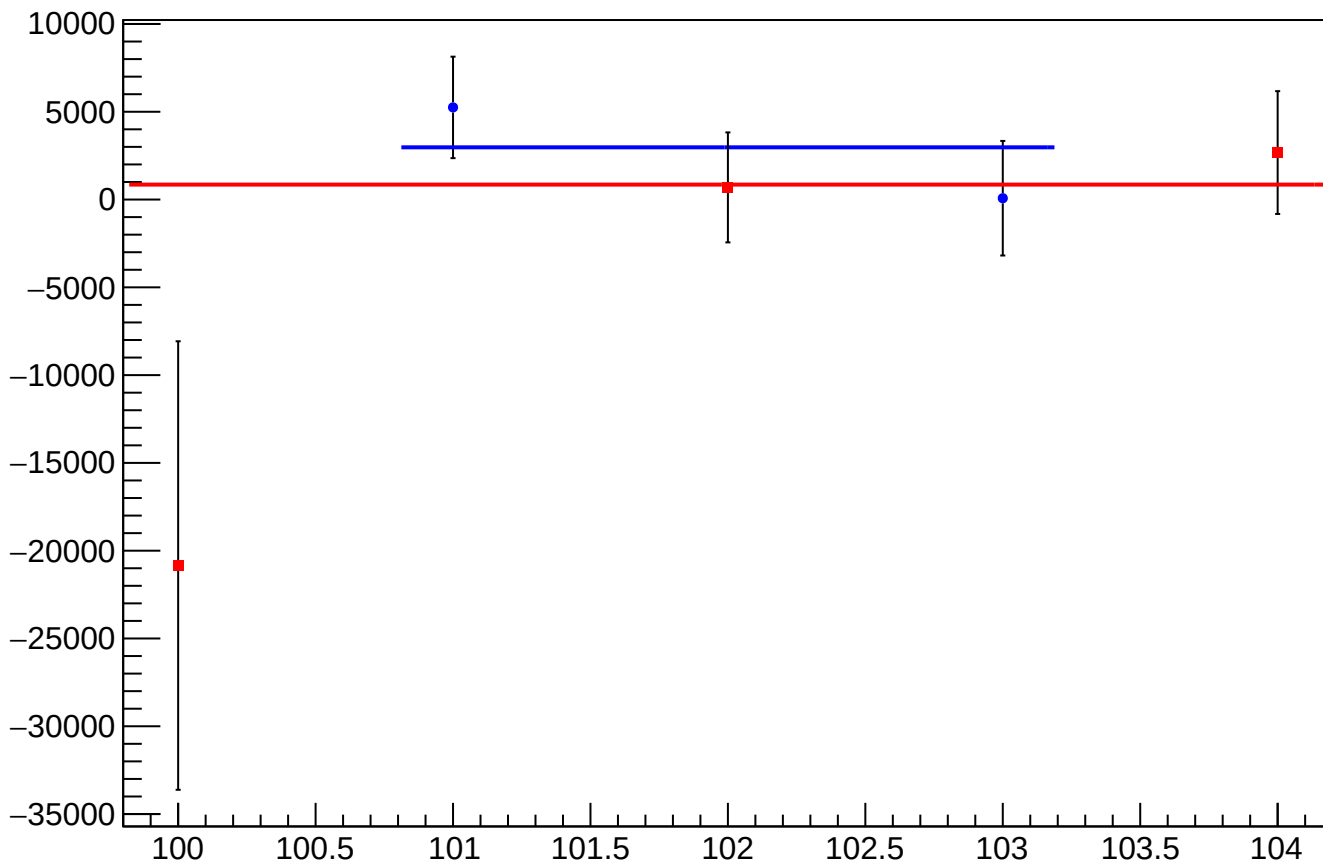
Right: 2506.609+/-1.123 χ^2/NDF : 18051.1/4

In: 2448.054+/-1.543 χ^2/NDF : 5383.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2506.609+/-1.123 χ^2/NDF : 18051.1/4

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2974.499 $\pm$ 2163.237 χ^2 /NDF: 1.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 851.597 $\pm$ 2295.015 χ^2 /NDF: 3.2/2

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

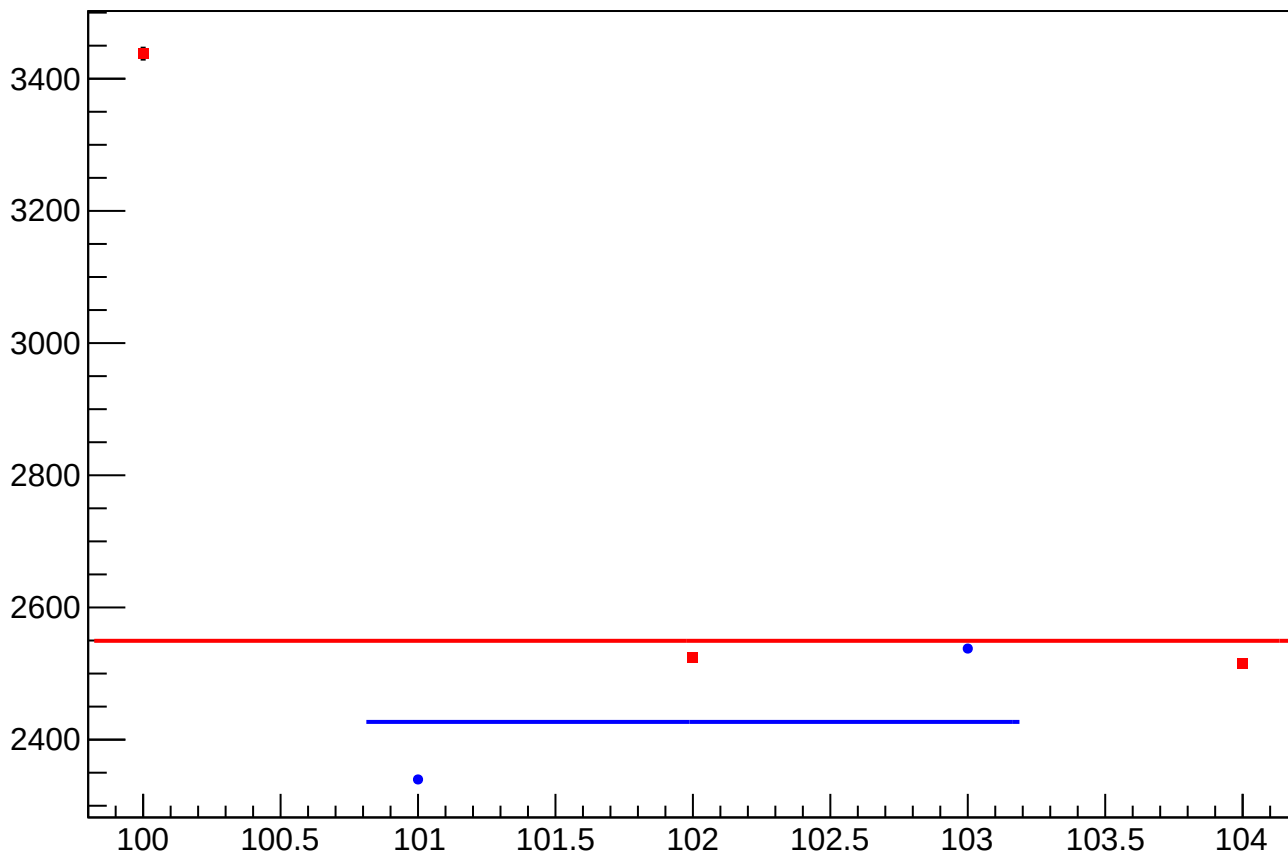
Right: 1975.743 $\pm$ 1574.165 χ^2 /NDF: 5.0/4

In: 2974.499 $\pm$ 2163.237 χ^2 /NDF:1.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1975.743 $\pm$ 1574.165 χ^2 /NDF: 5.0/4

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2426.847 $\pm$ 1.530 χ^2 /NDF: 4129.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2549.550 $\pm$ 1.623 χ^2 /NDF: 10003.7/2

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

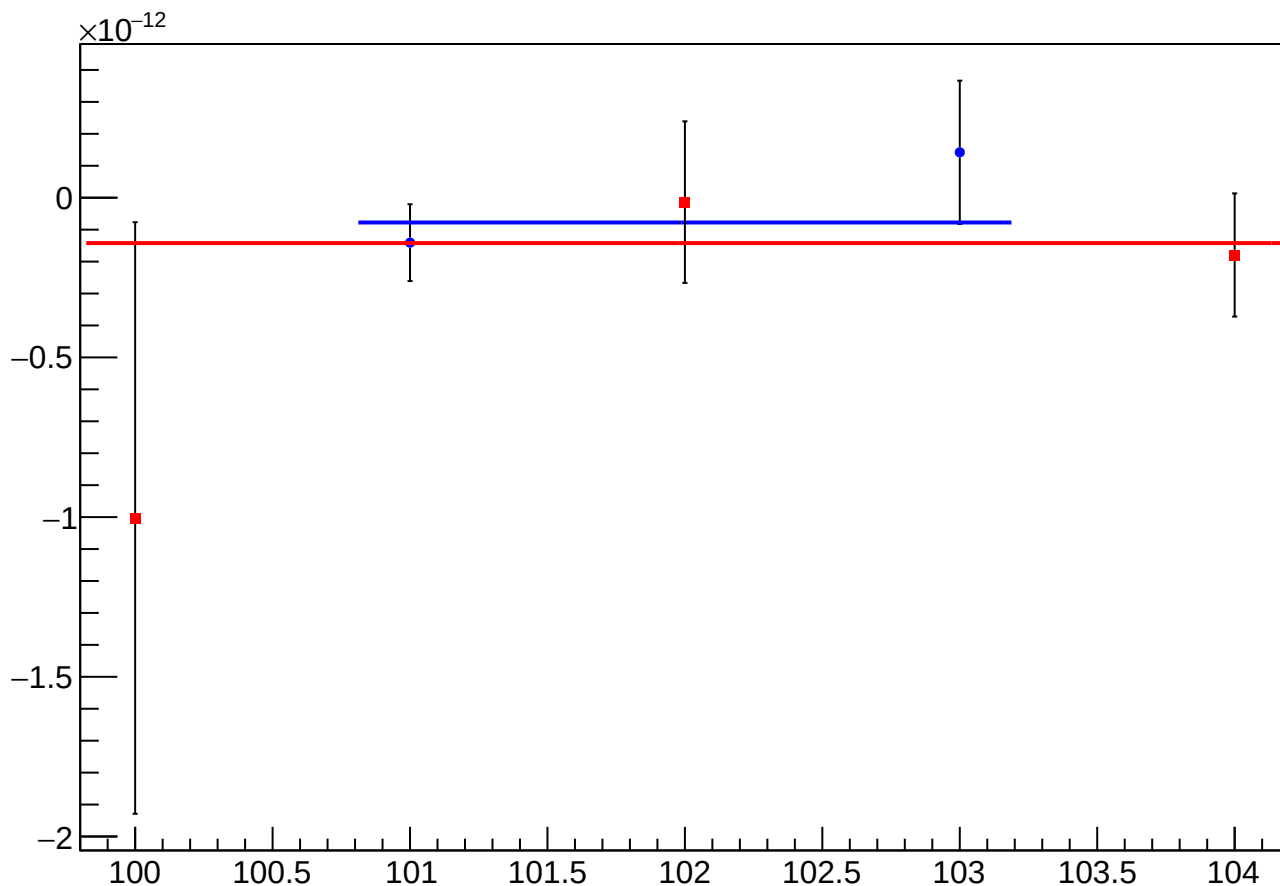
Right: 2484.575 $\pm$ 1.113 χ^2 /NDF: 17160.6/4

In: 2426.847 $\pm$ 1.530 χ^2 /NDF:4129.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2484.575 $\pm$ 1.113 χ^2 /NDF: 17160.6/4

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 : 1.2/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

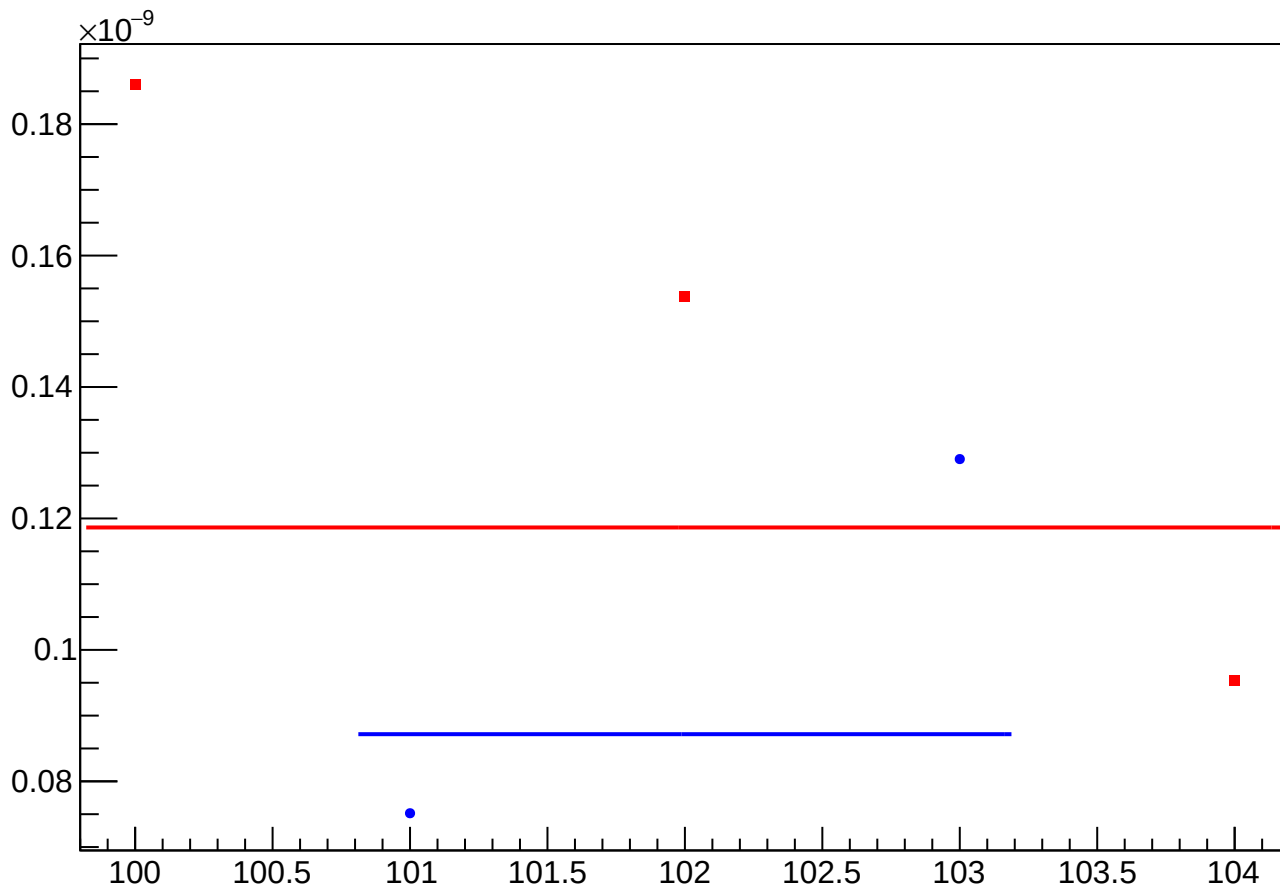
Right: -0.000+/-0.000 χ^2/NDF : 2.5/4

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 : 2.5/4

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 : 78481.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

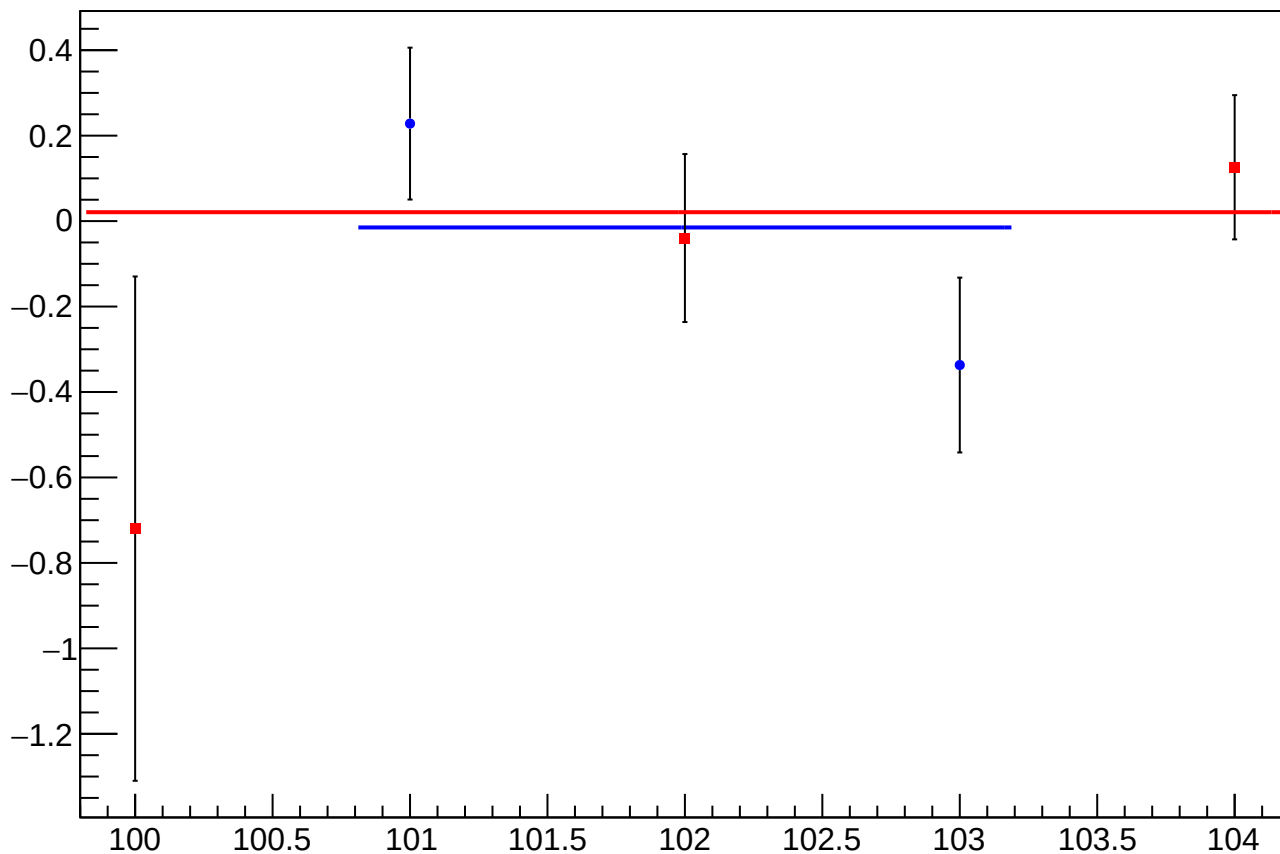
Right: 0.000+/-0.000 χ^2/NDF : 226094.8/4

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 : 226094.8/4

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: 0.021 $\pm$ 0.125 χ^2 /NDF: 2.1/2

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

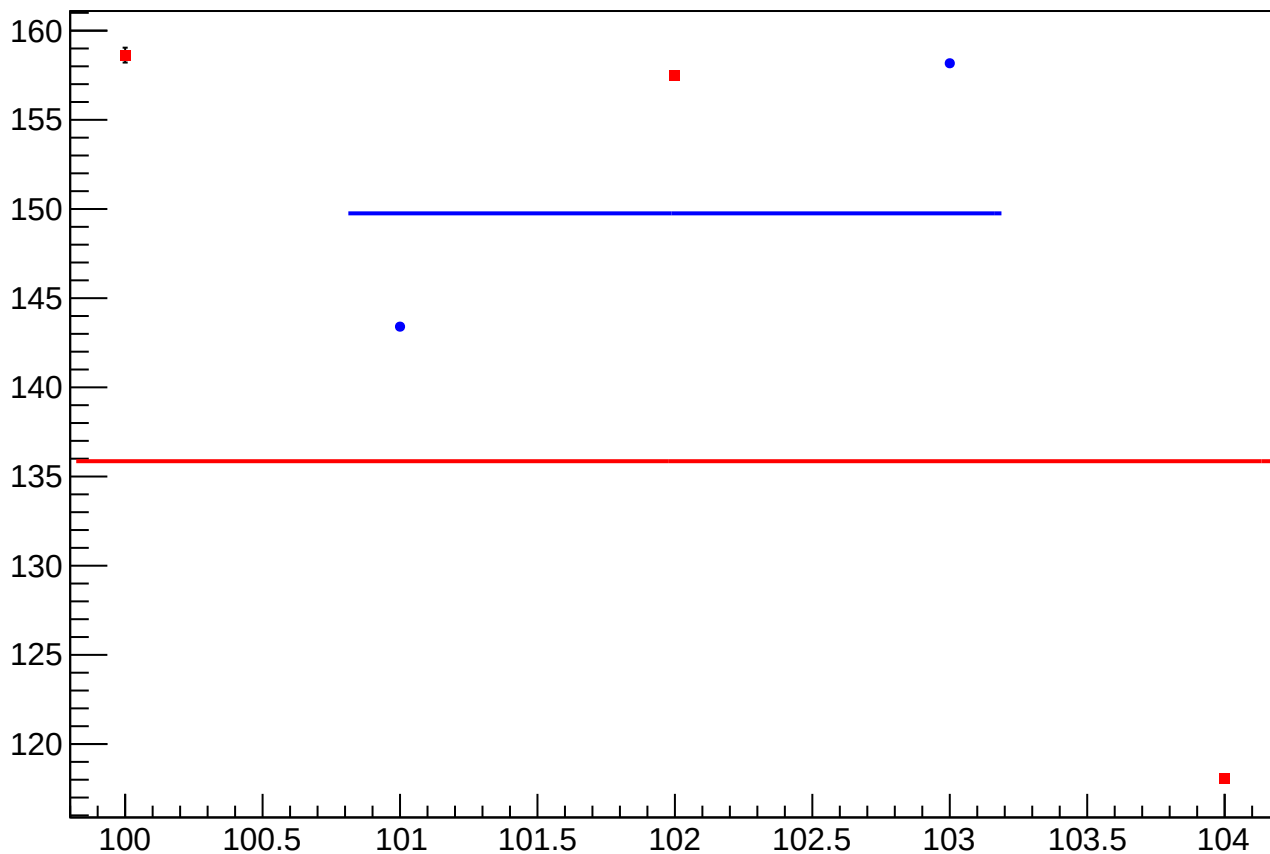
Right: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

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: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.859+/-0.088 χ^2/NDF : 49432.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

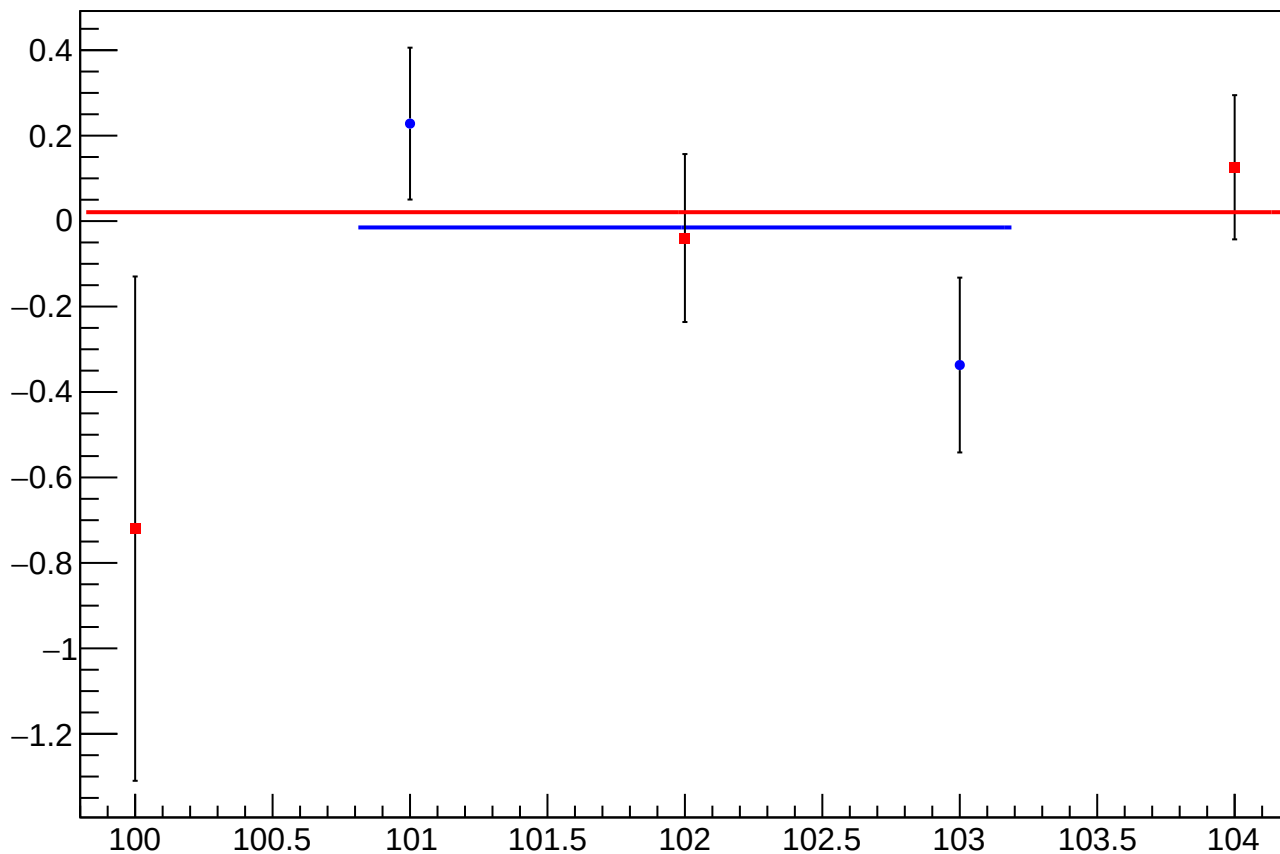
Right: 142.323+/-0.065 χ^2/NDF : 66847.3/4

In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.323+/-0.065 χ^2/NDF : 66847.3/4

asym_sam_26_dd_dit_vs_eigen_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: 0.021 $\pm$ 0.125 χ^2 /NDF: 2.1/2

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

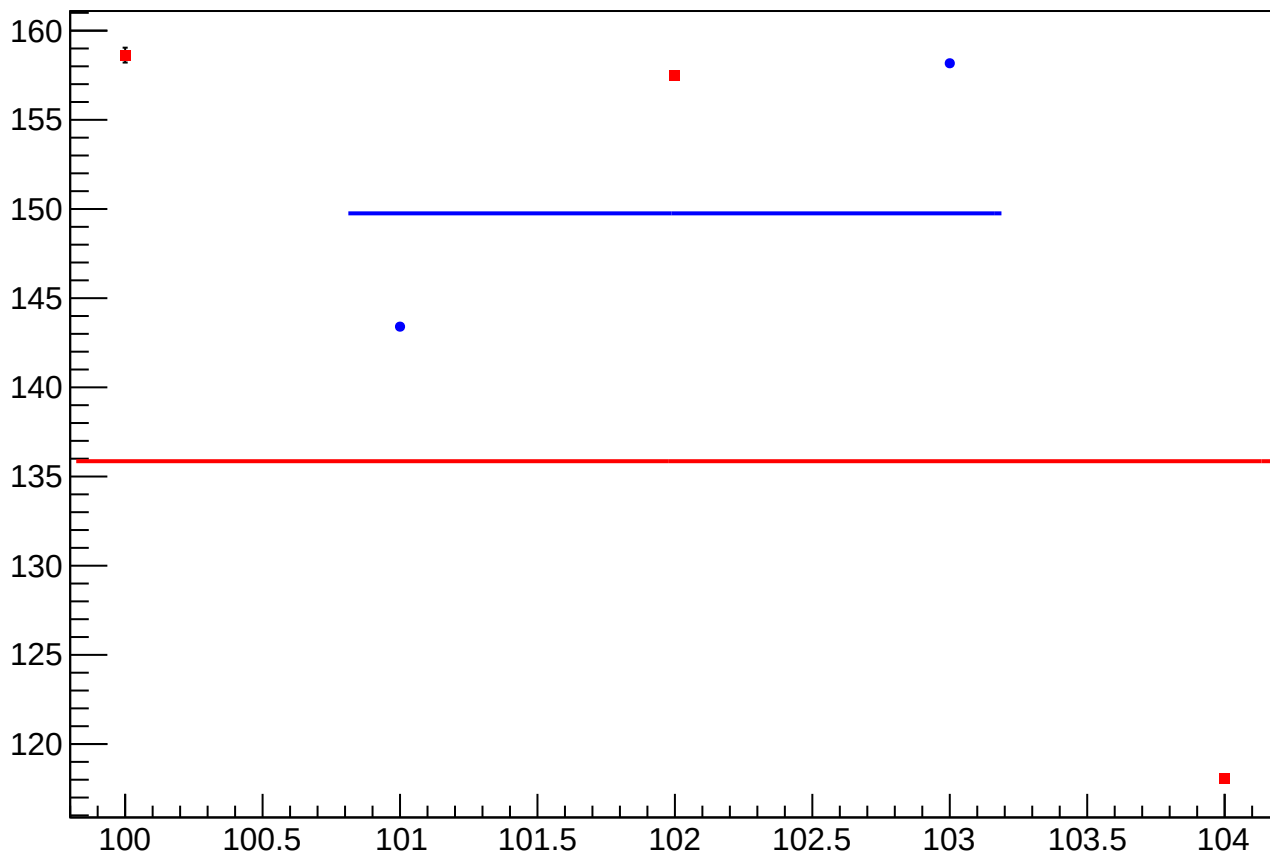
Right: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

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: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

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: 135.859+/-0.088 χ^2/NDF : 49432.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

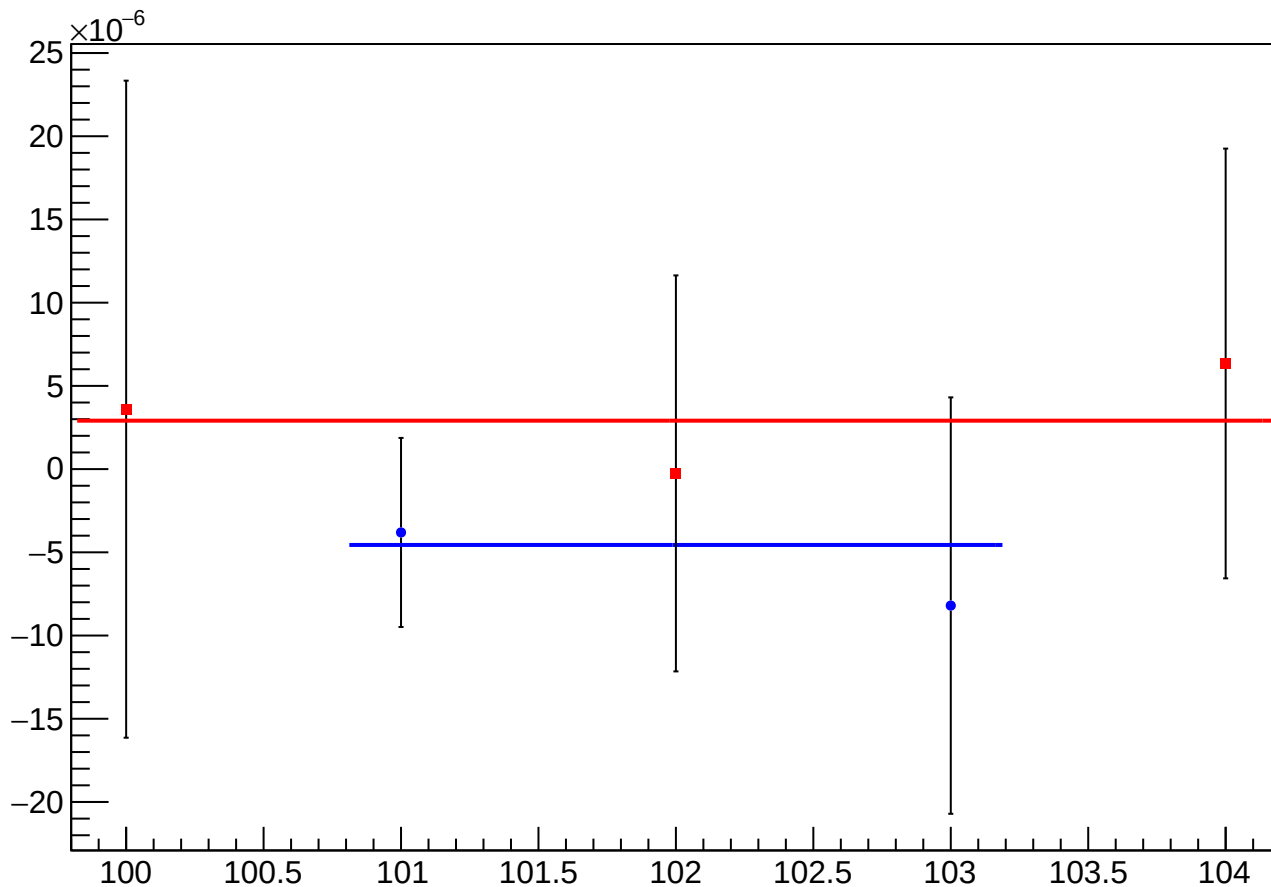
Right: 142.323+/-0.065 χ^2/NDF : 66847.3/4

In: 149.756+/-0.095 χ^2/NDF : 5939.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.323+/-0.065 χ^2/NDF : 66847.3/4

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 : 0.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

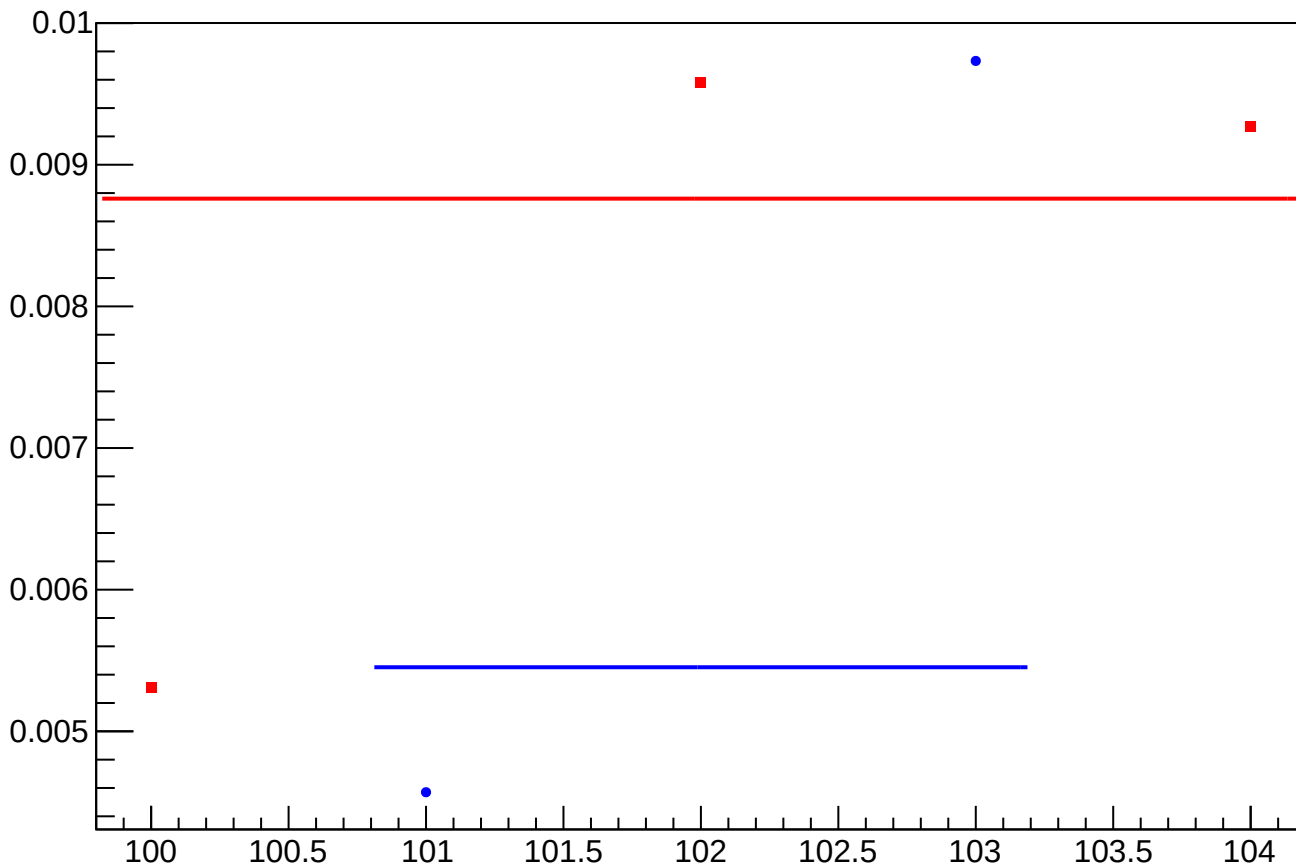
Right: -0.000+/-0.000 χ^2/NDF : 0.9/4

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 : 0.9/4

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: 0.009+/-0.000 χ^2/NDF : 73645.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

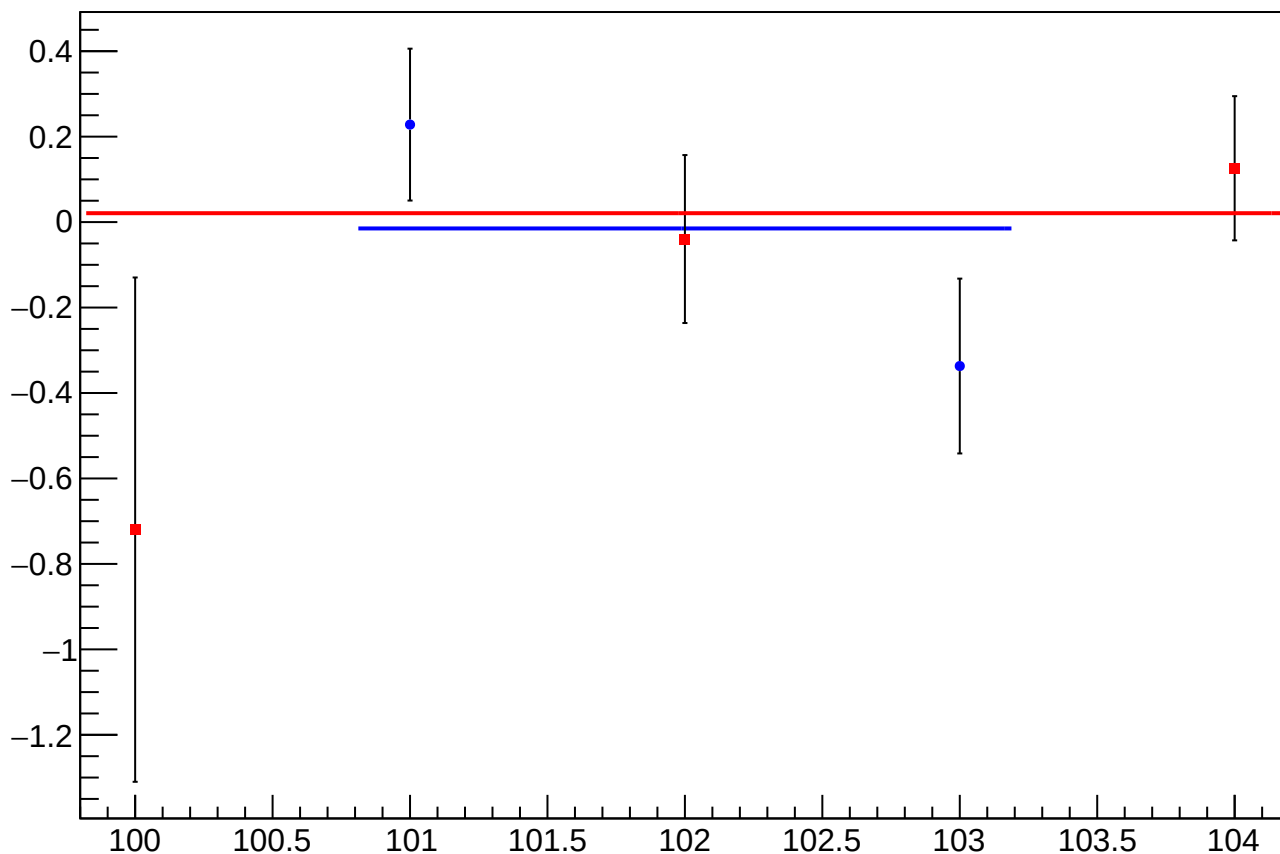
Right: 0.006+/-0.000 χ^2/NDF : 597359.6/4

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 : 597359.6/4

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: 0.021 $\pm$ 0.125 χ^2 /NDF: 2.1/2

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

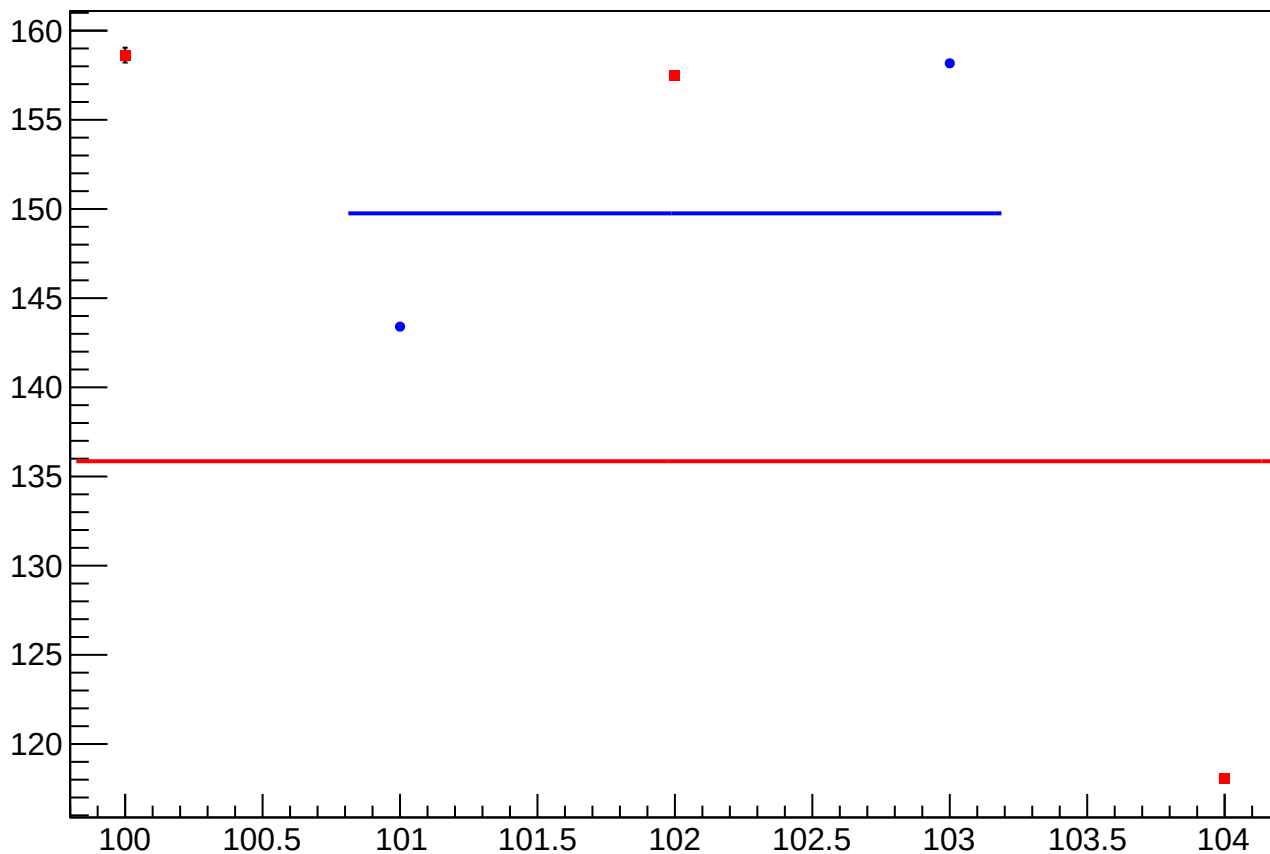
Right: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

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: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

asym_sam_26_dd_eigen_dit_vs_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: 135.857 $\pm$ 0.088 χ^2 /NDF: 49433.3/2

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

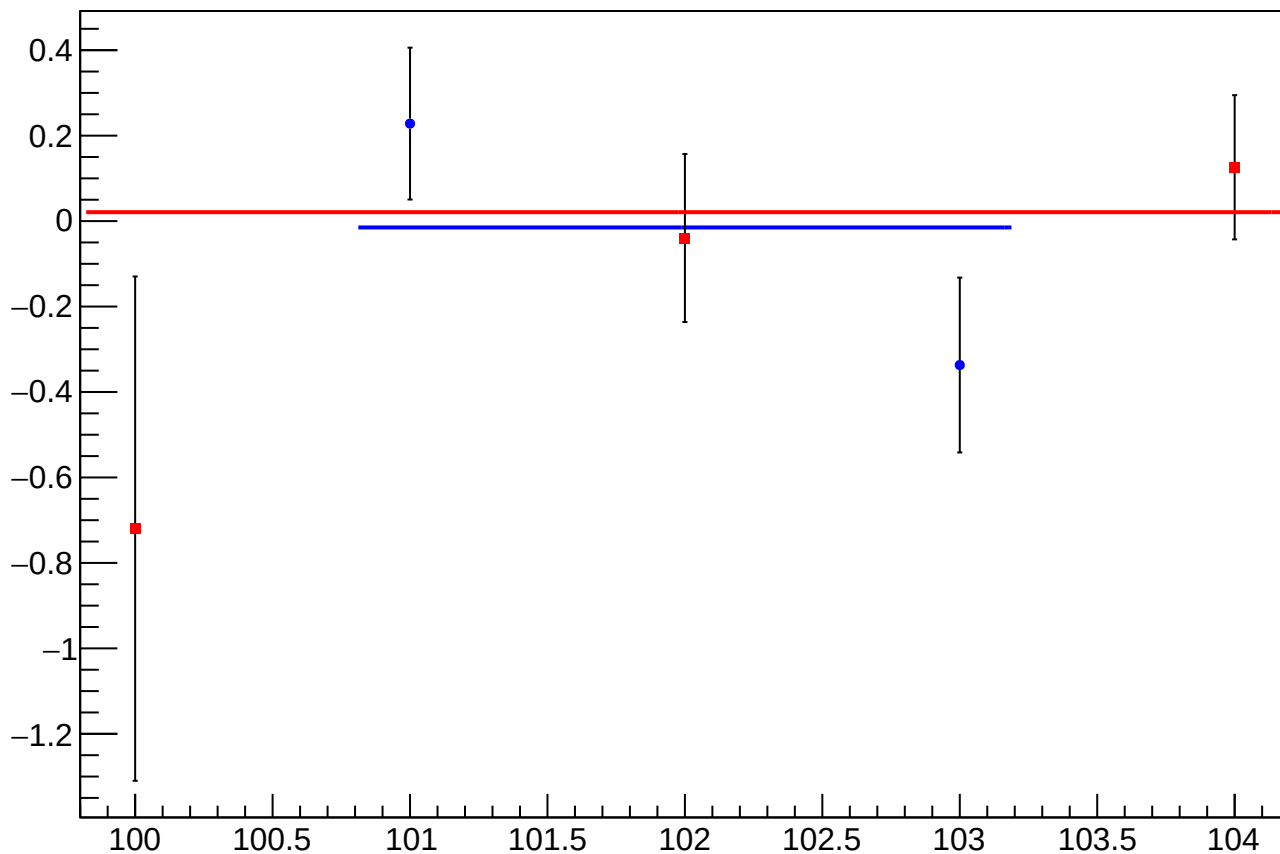
Right: 142.322 $\pm$ 0.065 χ^2 /NDF: 66847.7/4

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: 142.322 $\pm$ 0.065 χ^2 /NDF: 66847.7/4

asym_sam_26_dd_eigen_dit_vs_eigen_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: 0.021 $\pm$ 0.125 χ^2 /NDF: 2.1/2

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

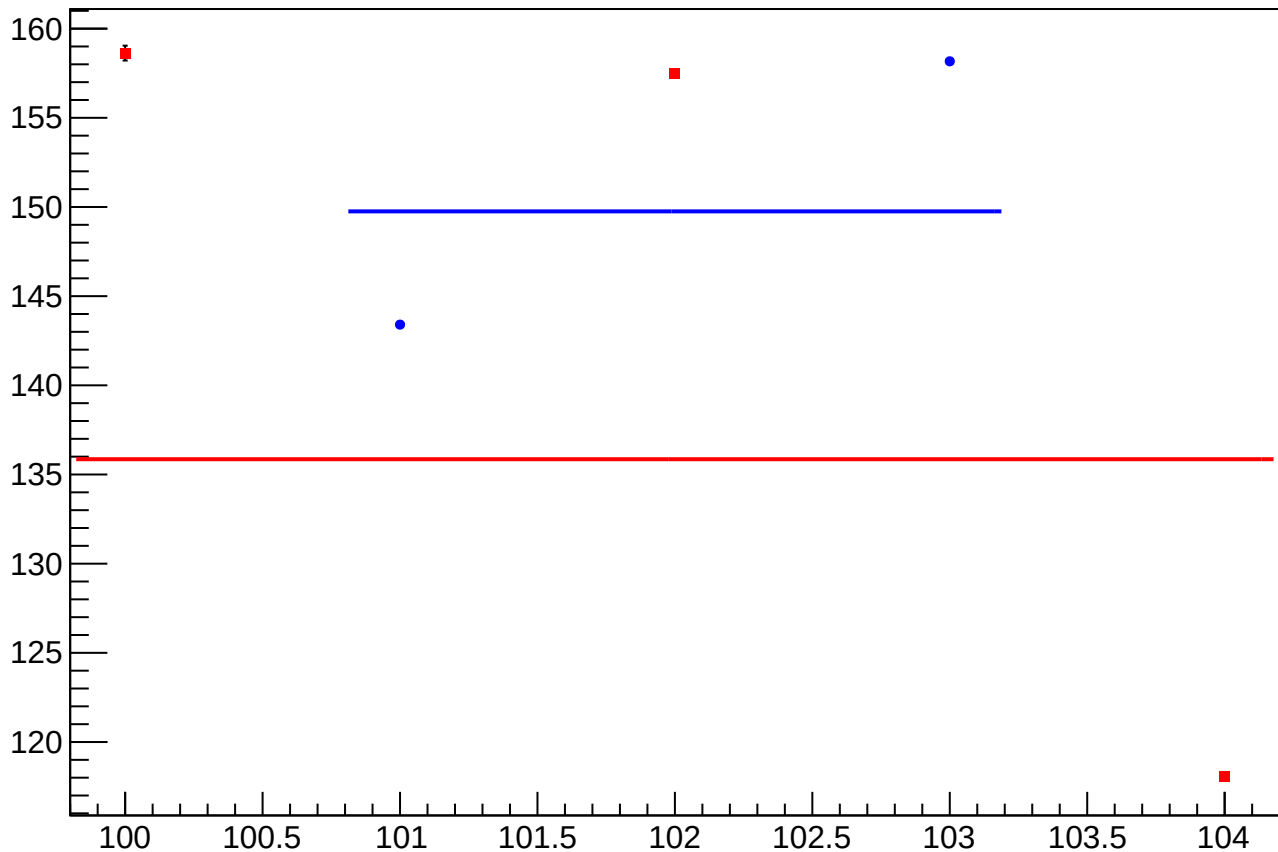
Right: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

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: 0.004 $\pm$ 0.092 χ^2 /NDF: 6.4/4

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.857+/-0.088 χ^2/NDF : 49433.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

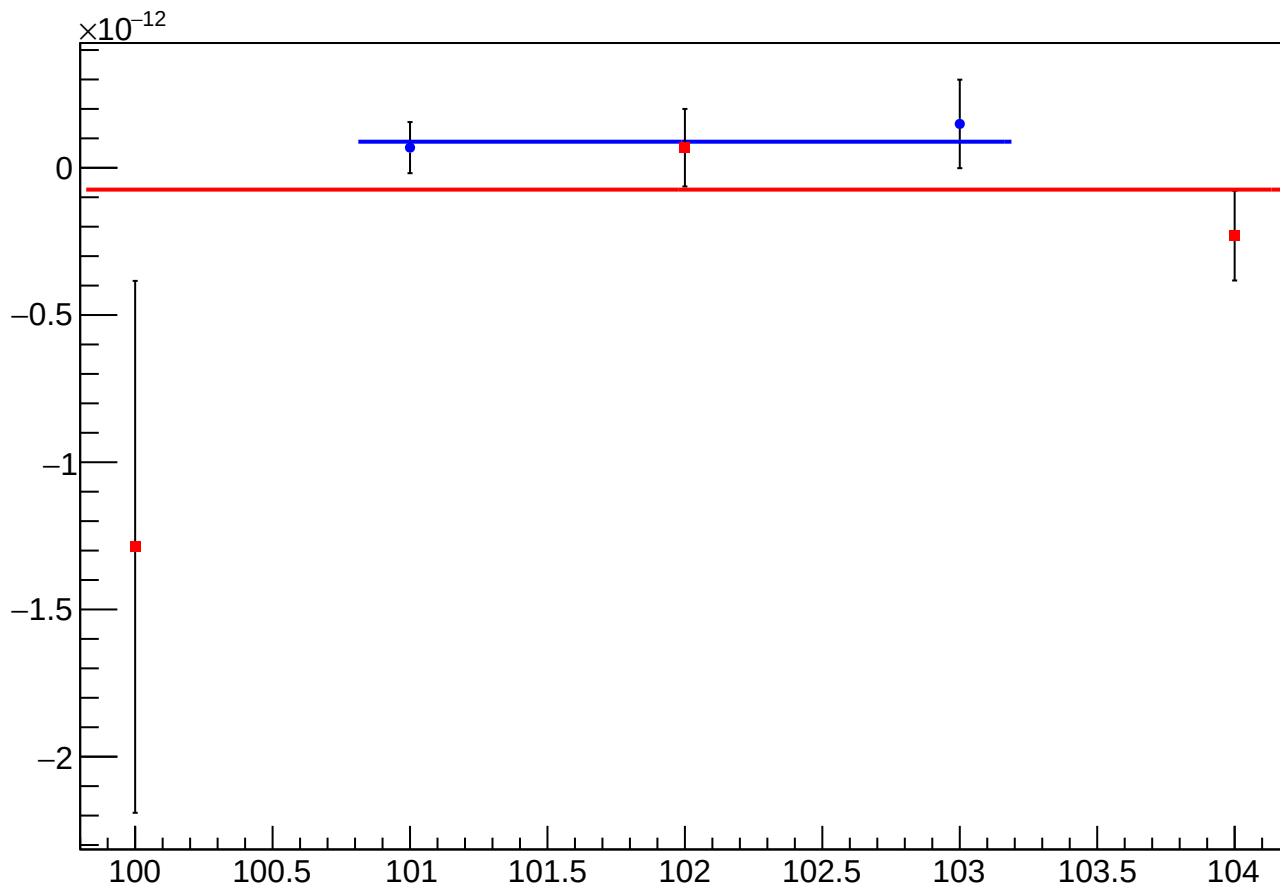
Right: 142.322+/-0.065 χ^2/NDF : 66847.7/4

In: 149.755+/-0.095 χ^2/NDF : 5937.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.322+/-0.065 χ^2/NDF : 66847.7/4

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

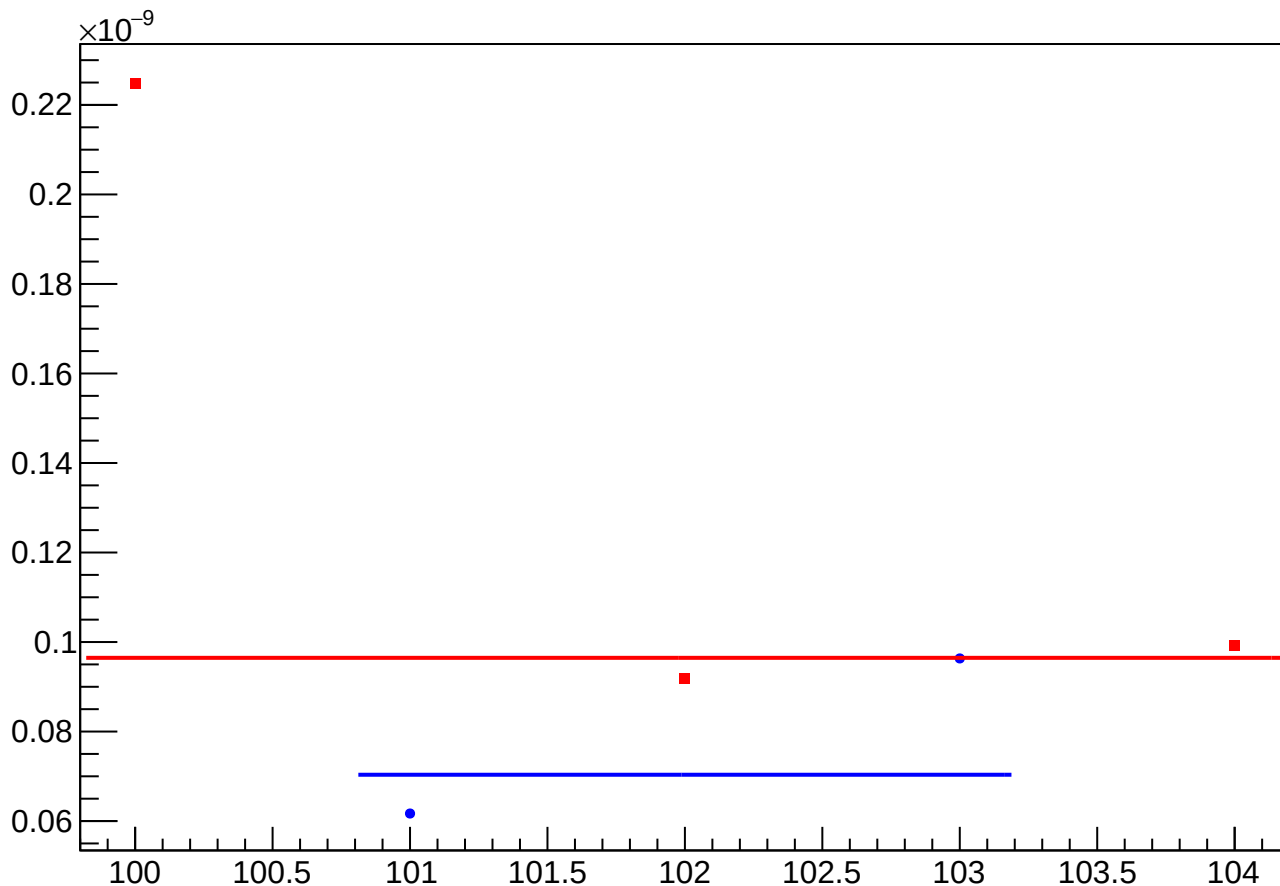
Right: 0.000+/-0.000 χ^2/NDF : 5.9/4

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 : 5.9/4

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 : 43537.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

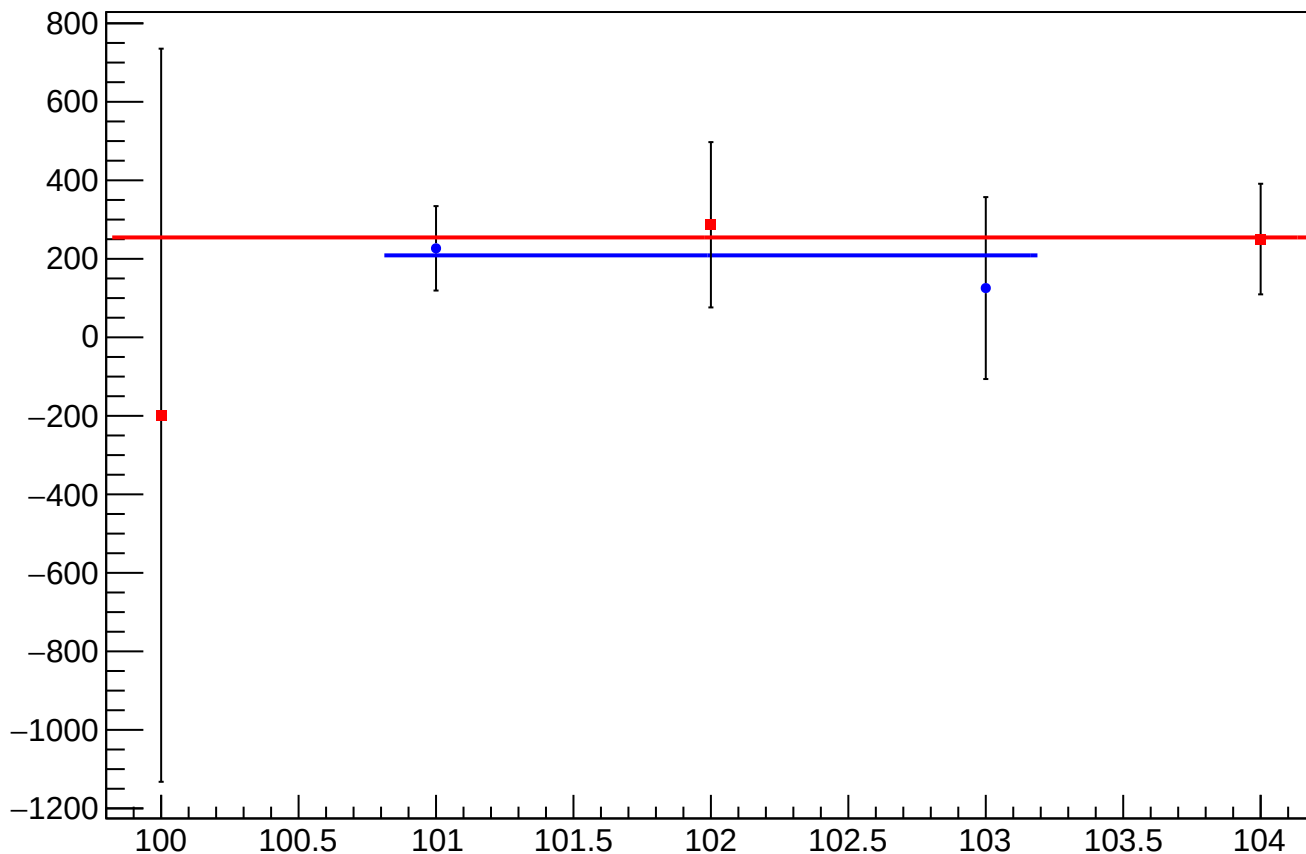
Right: 0.000+/-0.000 χ^2/NDF : 211522.7/4

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 : 211522.7/4

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: 254.511 $\pm$ 116.184 χ^2 /NDF: 0.3/2

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

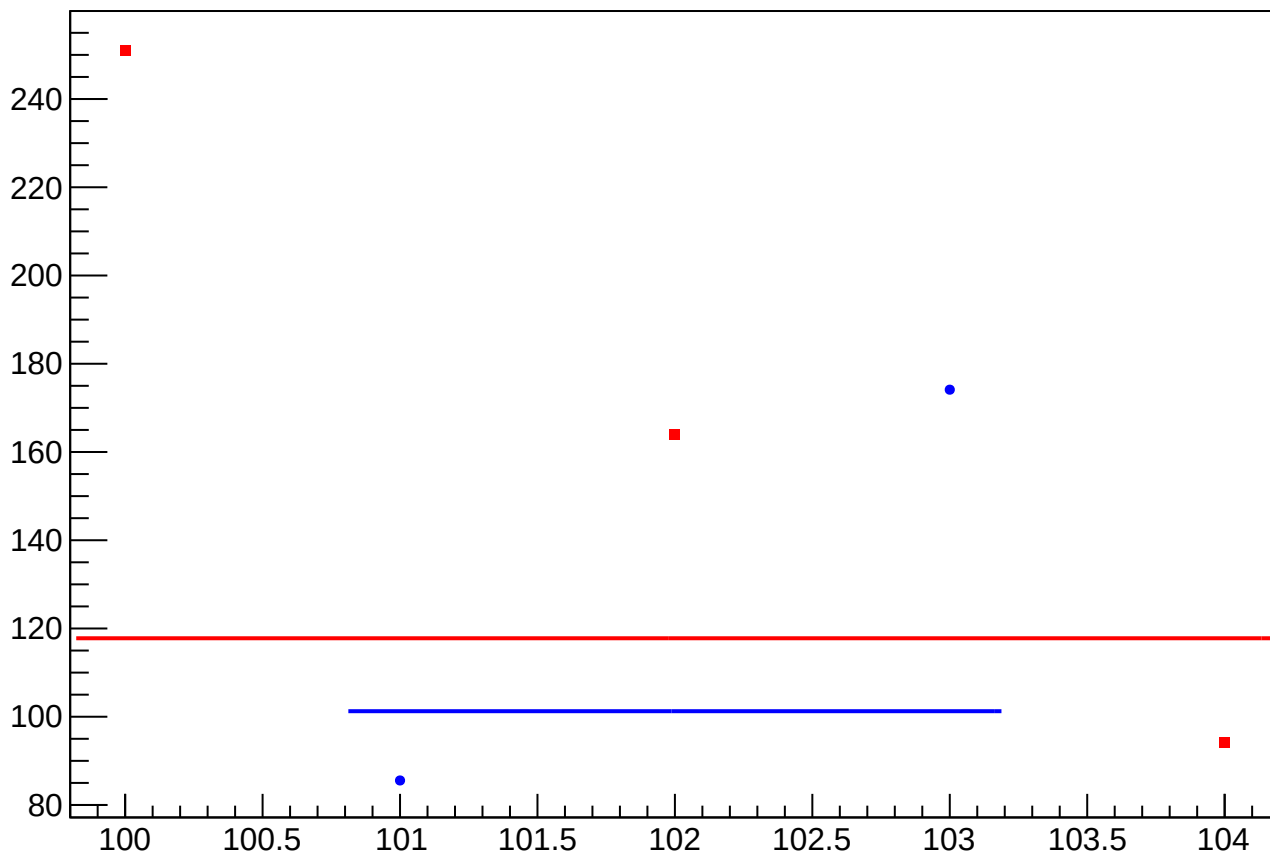
Right: 227.718 $\pm$ 74.715 χ^2 /NDF: 0.5/4

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: 227.718 $\pm$ 74.715 χ^2 /NDF: 0.5/4

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: 117.784+/-0.082 χ^2/NDF : 193392.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

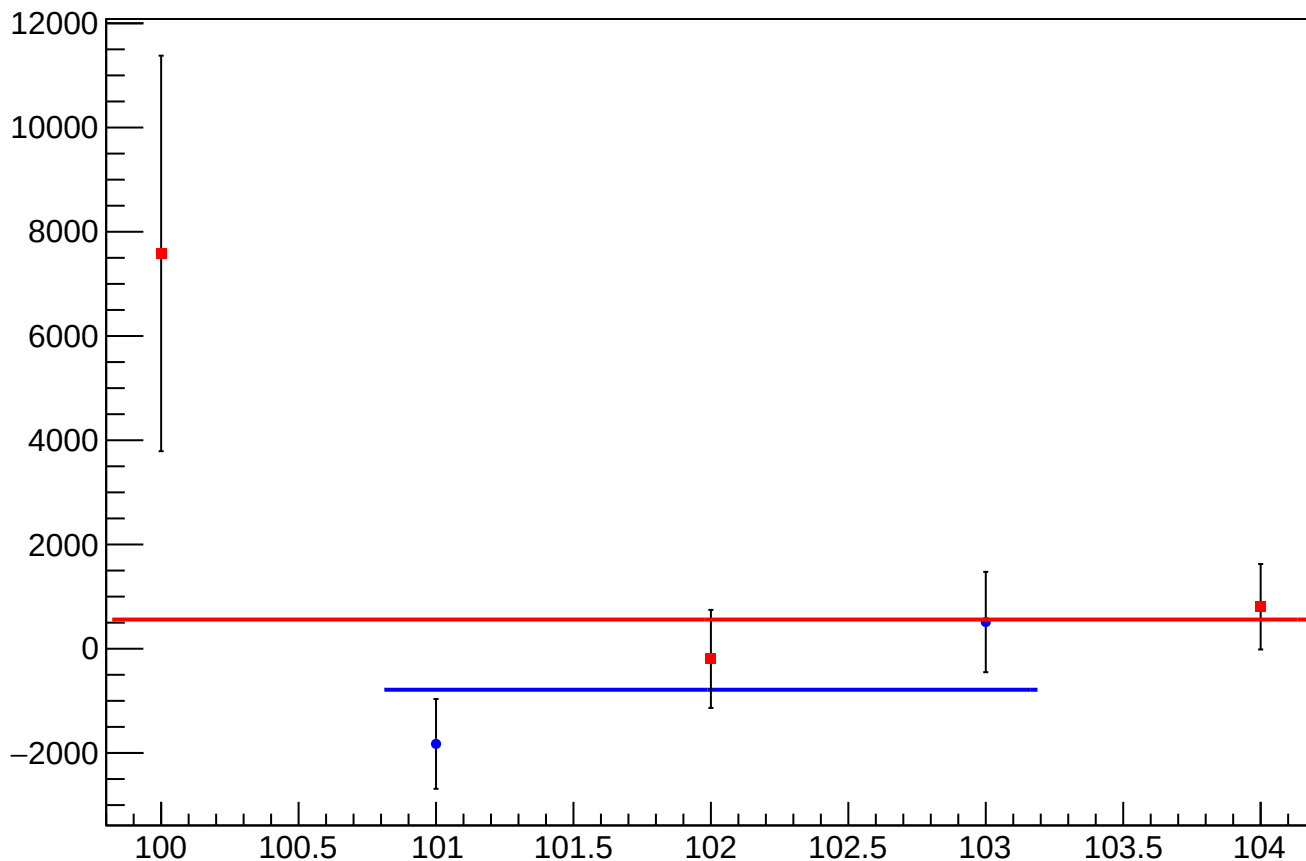
Right: 108.090+/-0.053 χ^2/NDF : 457478.9/4

In: 101.254+/-0.069 χ^2/NDF : 240345.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.090+/-0.053 χ^2/NDF : 457478.9/4

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: 559.987+/-609.953 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

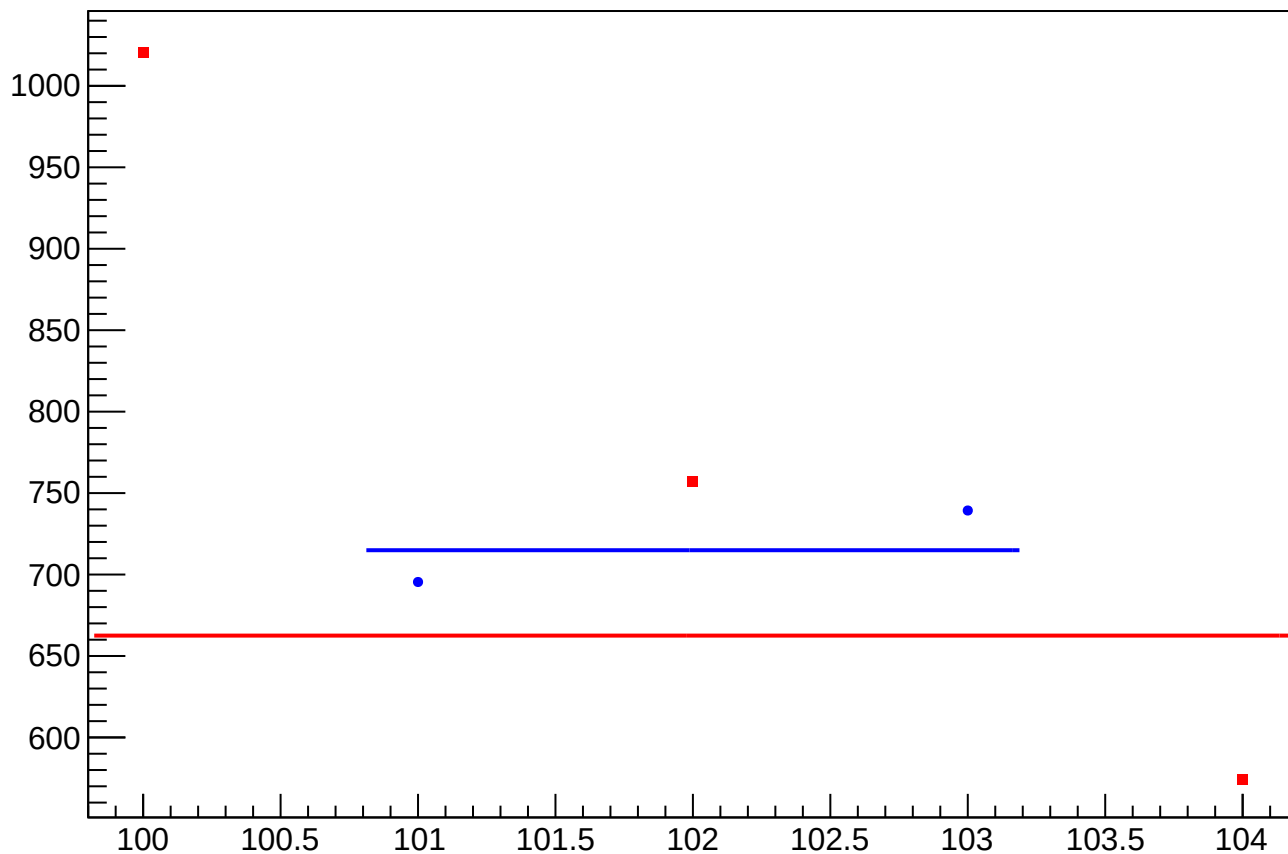
Right: -79.193+/-442.157 χ^2/NDF : 9.8/4

In: -787.032+/-641.877 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.193+/-442.157 χ^2/NDF : 9.8/4

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: 662.517+/-0.431 χ^2/NDF : 61360.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

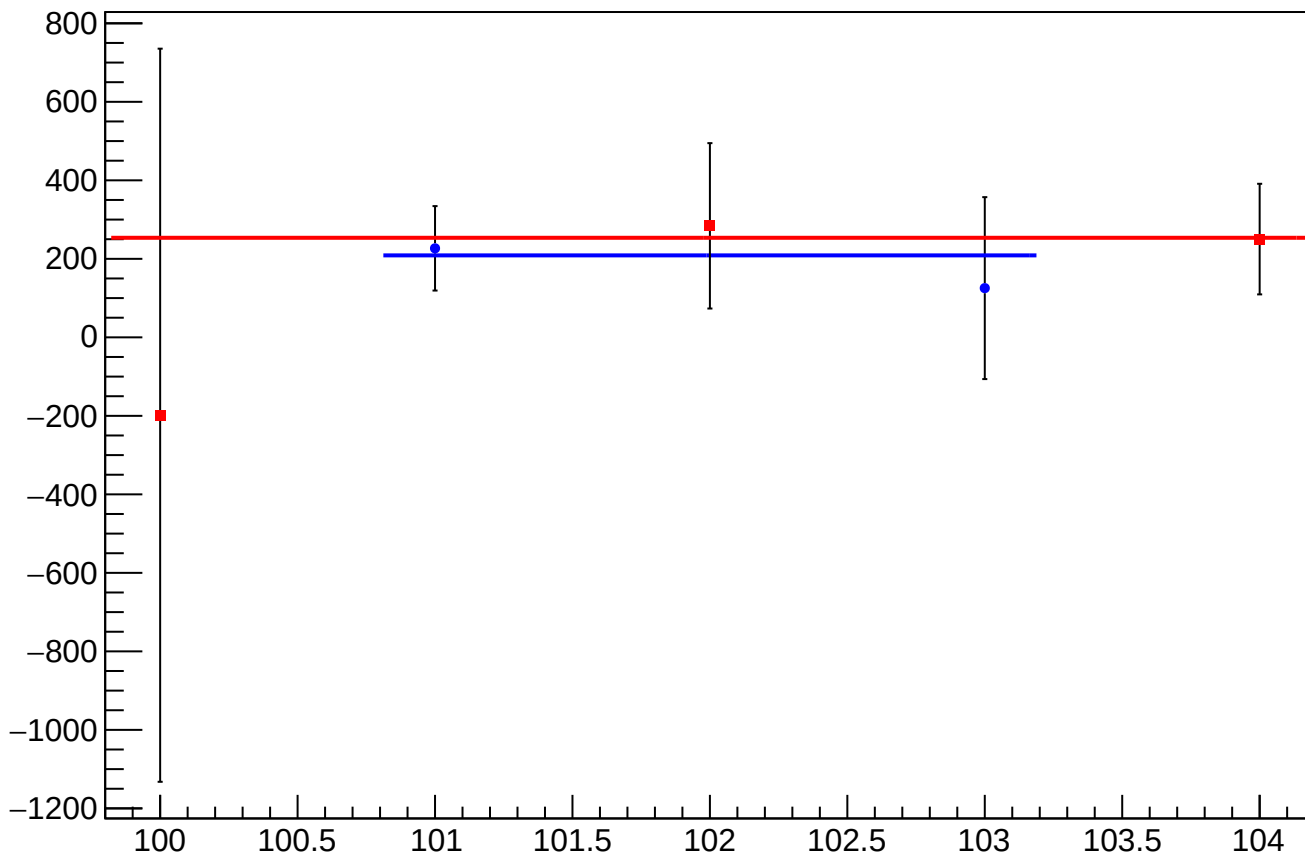
Right: 687.389+/-0.313 χ^2/NDF : 70676.8/4

In: 714.933+/-0.454 χ^2/NDF : 2308.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.389+/-0.313 χ^2/NDF : 70676.8/4

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: 253.630 $\pm$ 116.201 χ^2 /NDF: 0.3/2

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

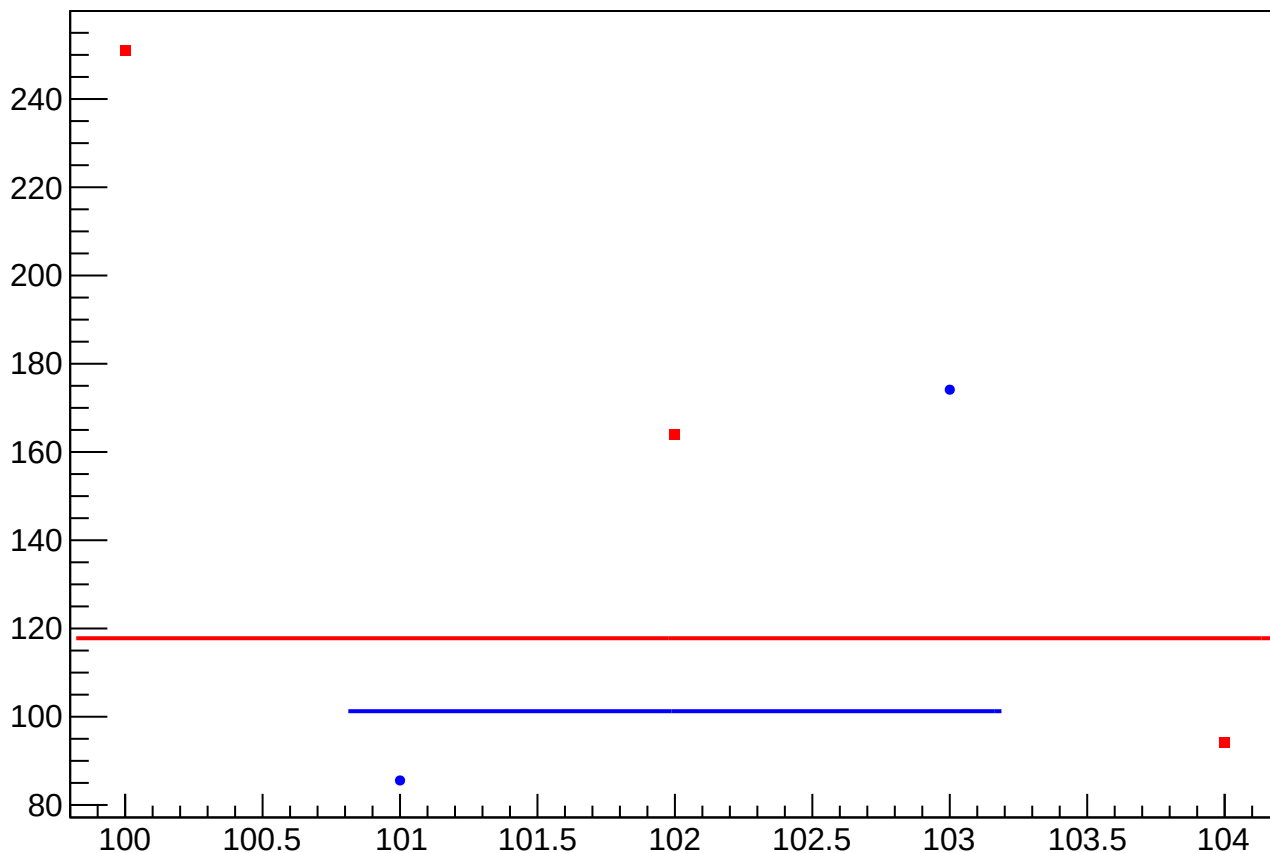
Right: 227.338 $\pm$ 74.719 χ^2 /NDF: 0.5/4

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: 227.338 $\pm$ 74.719 χ^2 /NDF: 0.5/4

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: 117.790+/-0.082 χ^2/NDF : 193563.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

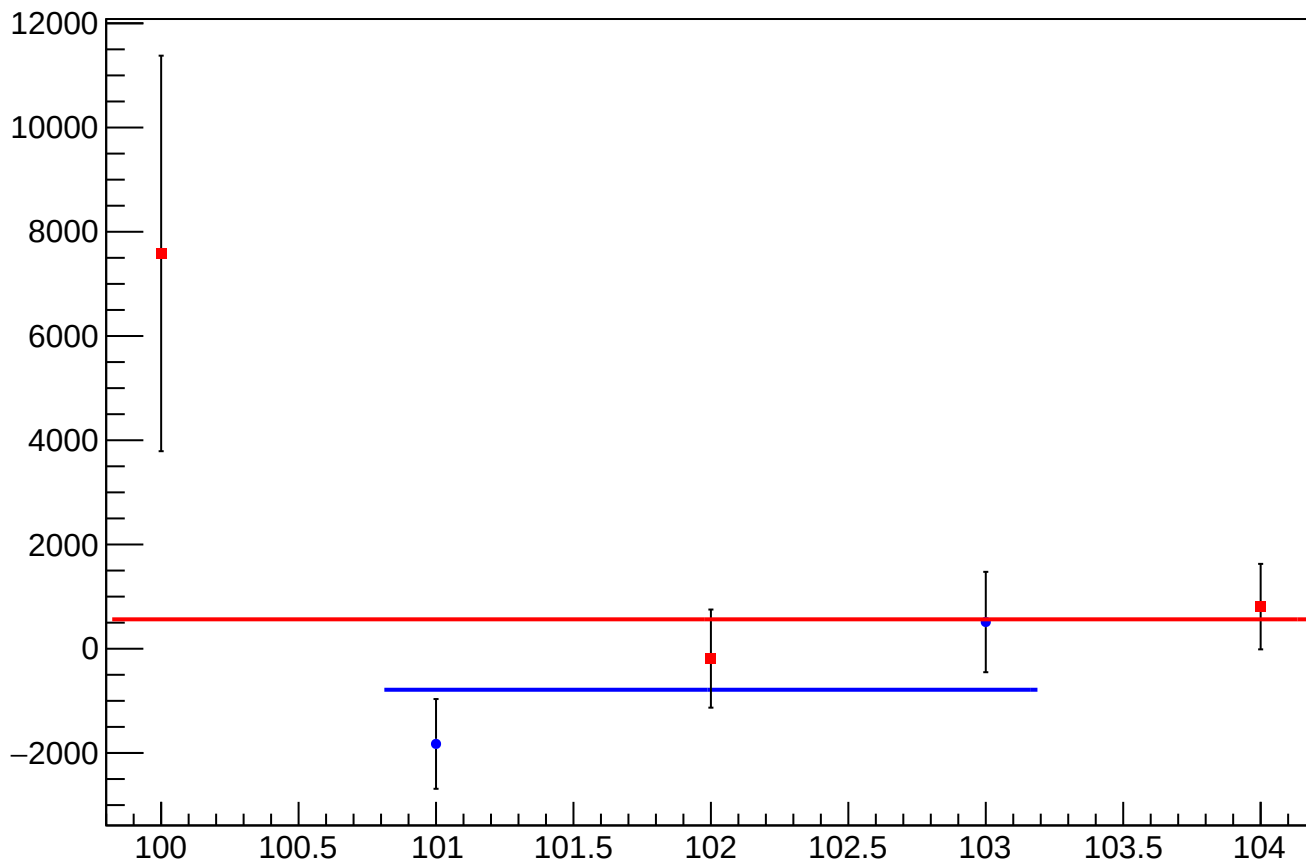
Right: 108.091+/-0.053 χ^2/NDF : 457667.1/4

In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.091+/-0.053 χ^2/NDF : 457667.1/4

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: 564.085+/-610.241 χ^2 /NDF: 4.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

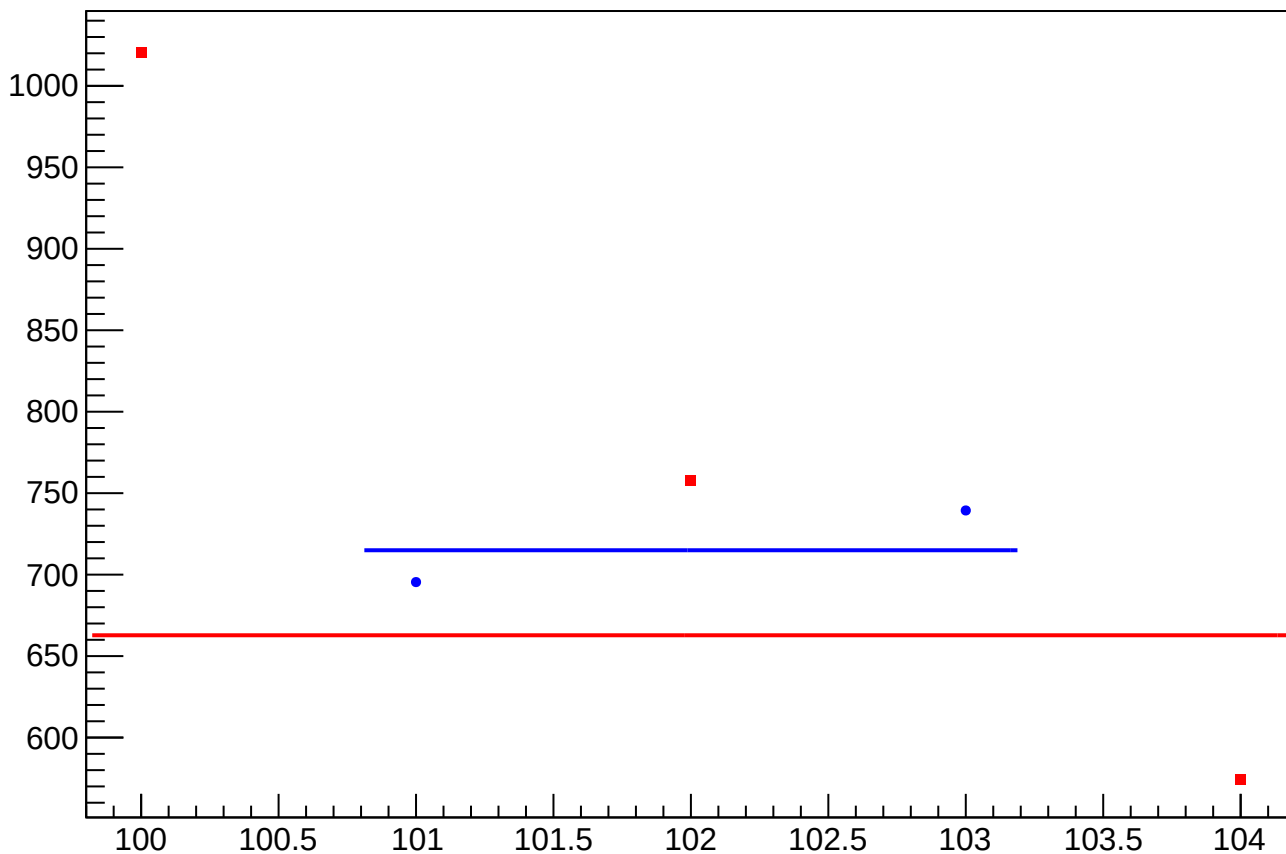
Right: -77.352+/-442.278 χ^2 /NDF: 9.8/4

In: -787.091+/-641.910 χ^2 /NDF:3.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -77.352+/-442.278 χ^2 /NDF: 9.8/4

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 714.966 $\pm$ 0.454 χ^2 /NDF: 2315.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 662.781 $\pm$ 0.432 χ^2 /NDF: 61559.5/2

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

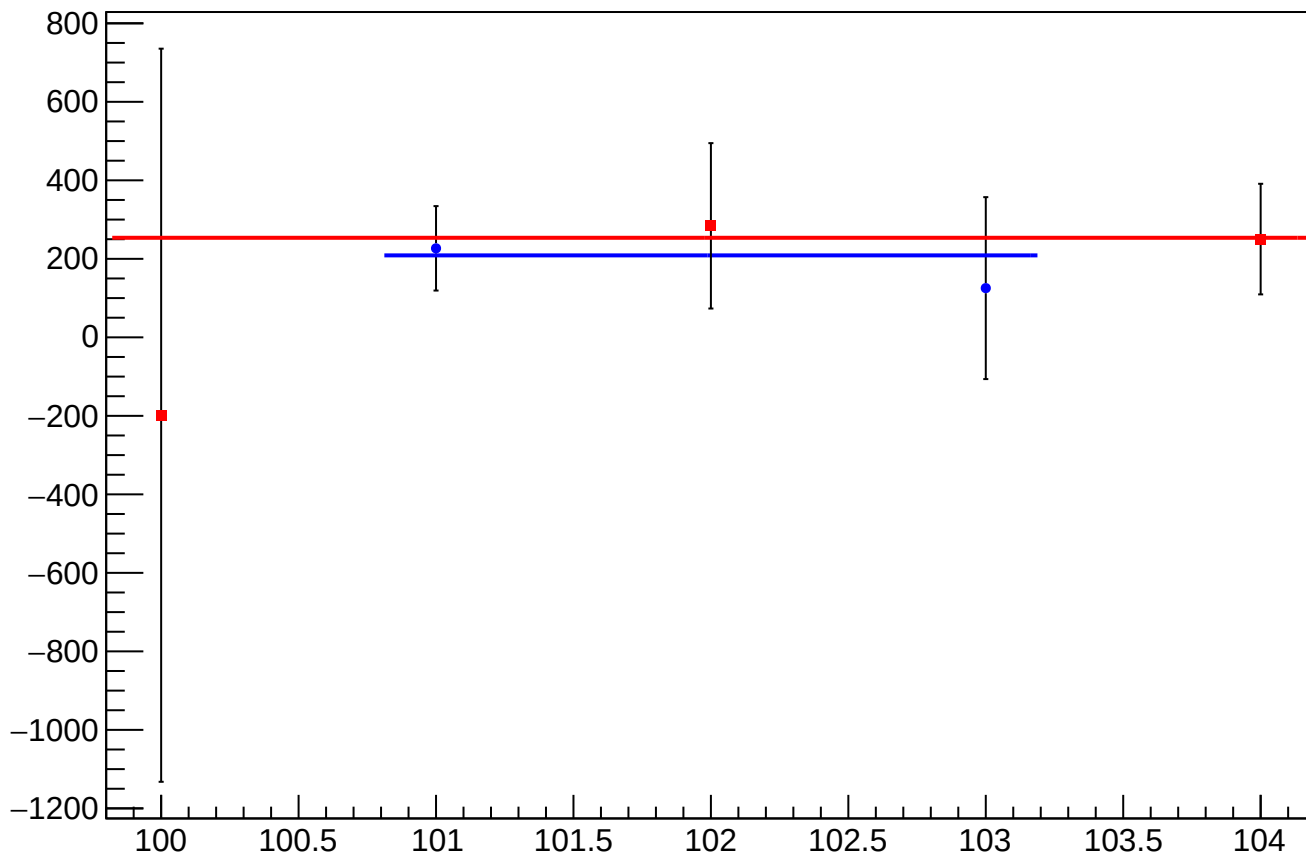
Right: 687.555 $\pm$ 0.313 χ^2 /NDF: 70818.4/4

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: 687.555 $\pm$ 0.313 χ^2 /NDF: 70818.4/4

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: 253.630 $\pm$ 116.201 χ^2 /NDF: 0.3/2

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

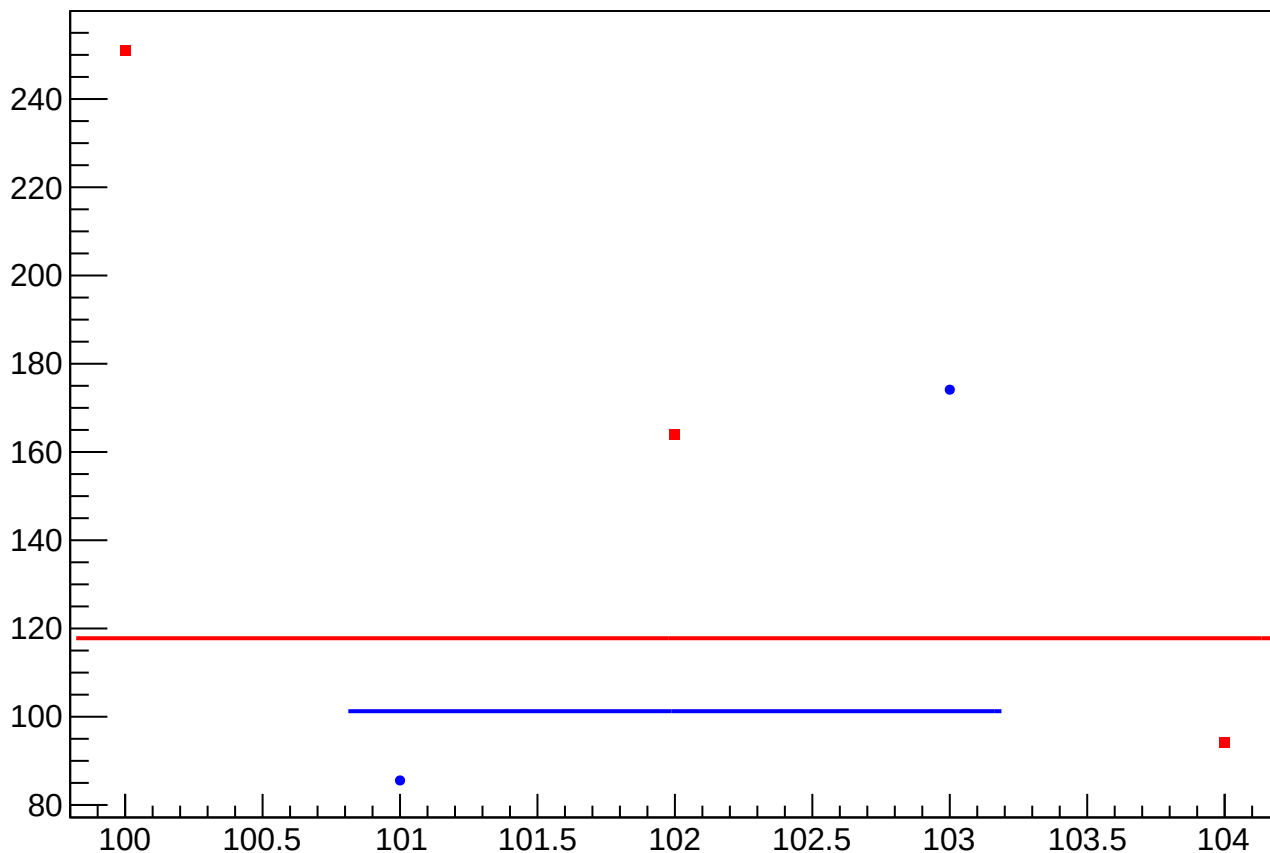
Right: 227.338 $\pm$ 74.719 χ^2 /NDF: 0.5/4

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: 227.338 $\pm$ 74.719 χ^2 /NDF: 0.5/4

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: 117.790+/-0.082 χ^2/NDF : 193563.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

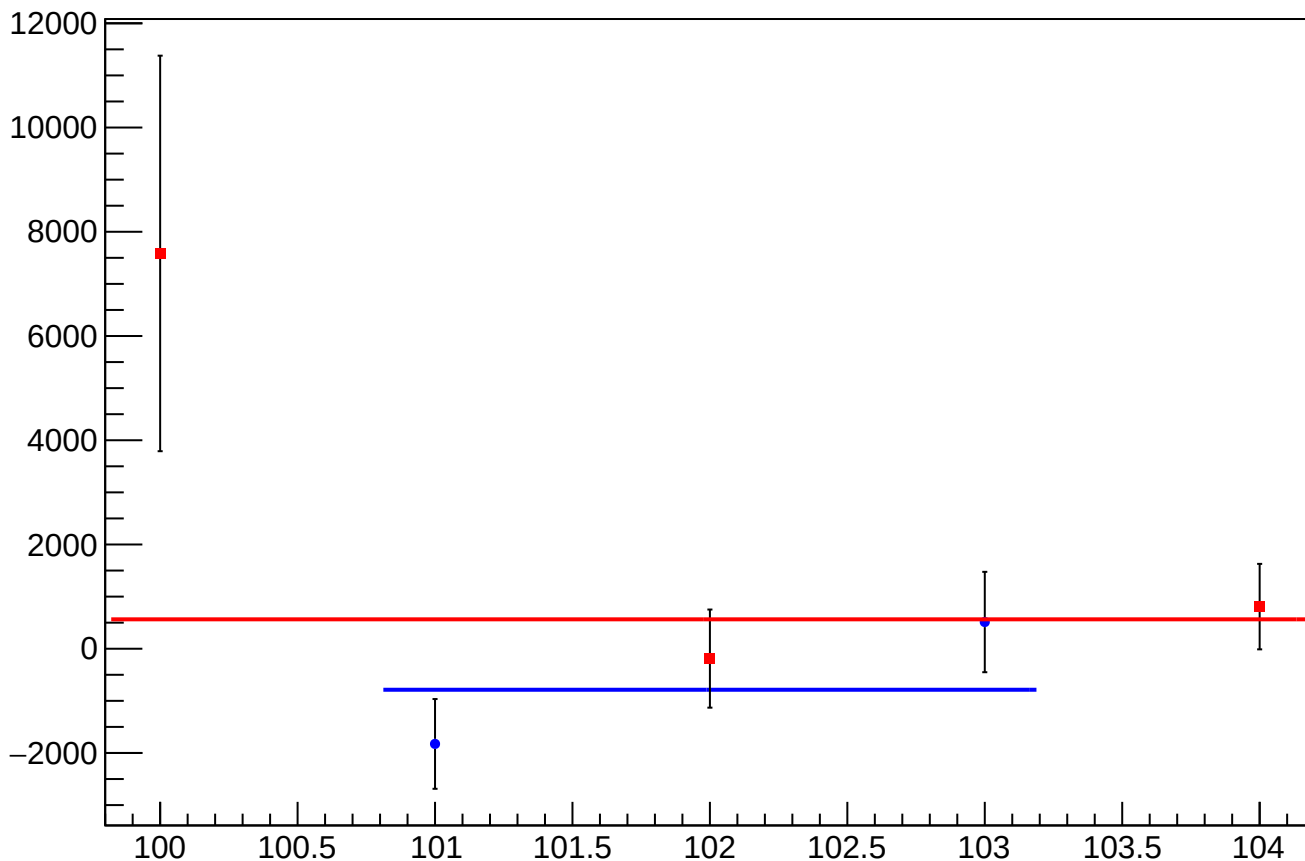
Right: 108.091+/-0.053 χ^2/NDF : 457667.1/4

In: 101.254+/-0.069 χ^2/NDF : 240347.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.091+/-0.053 χ^2/NDF : 457667.1/4

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: 564.085+/-610.241 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

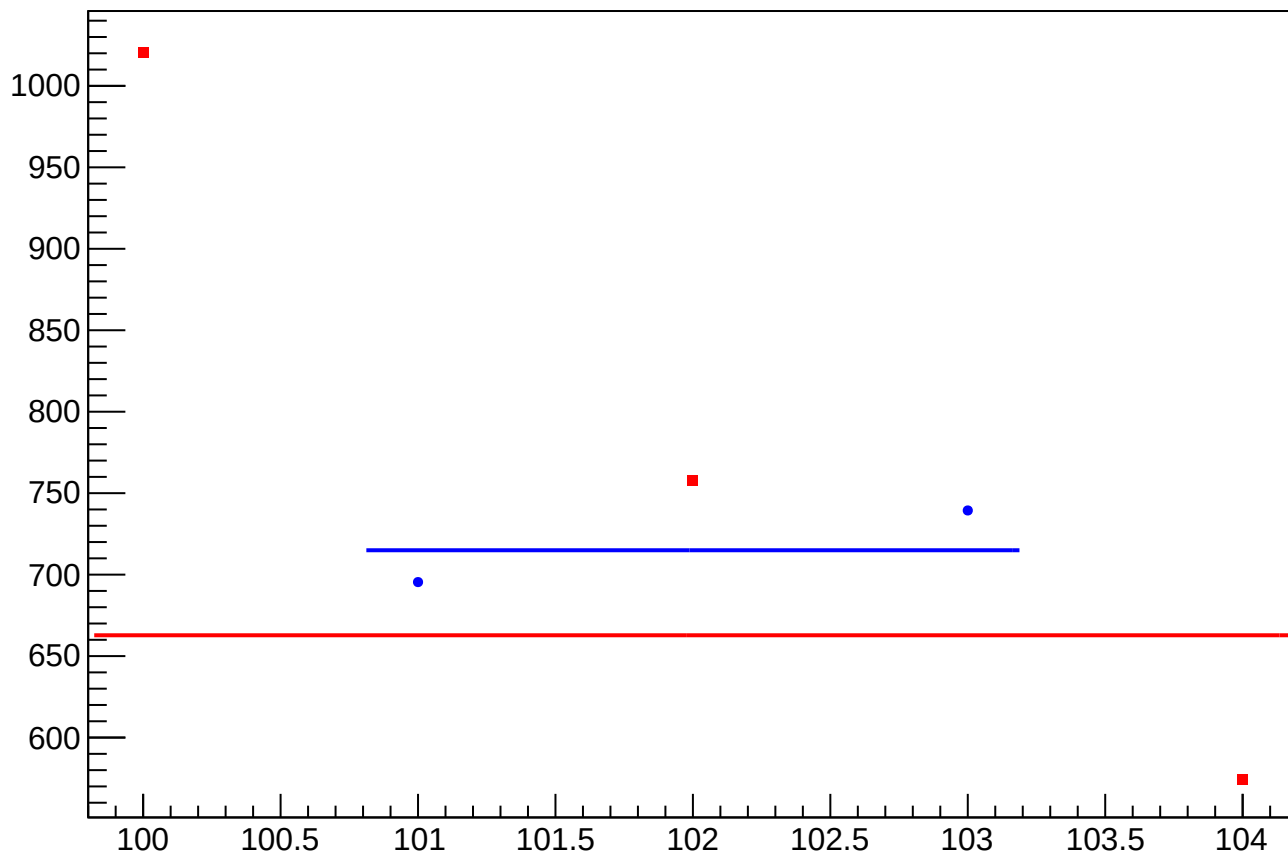
Right: -77.352+/-442.278 χ^2/NDF : 9.8/4

In: -787.091+/-641.910 χ^2/NDF : 3.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.352+/-442.278 χ^2/NDF : 9.8/4

asym_sam_37_dd_eigen_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: 662.781+/-0.432 χ^2/NDF : 61559.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

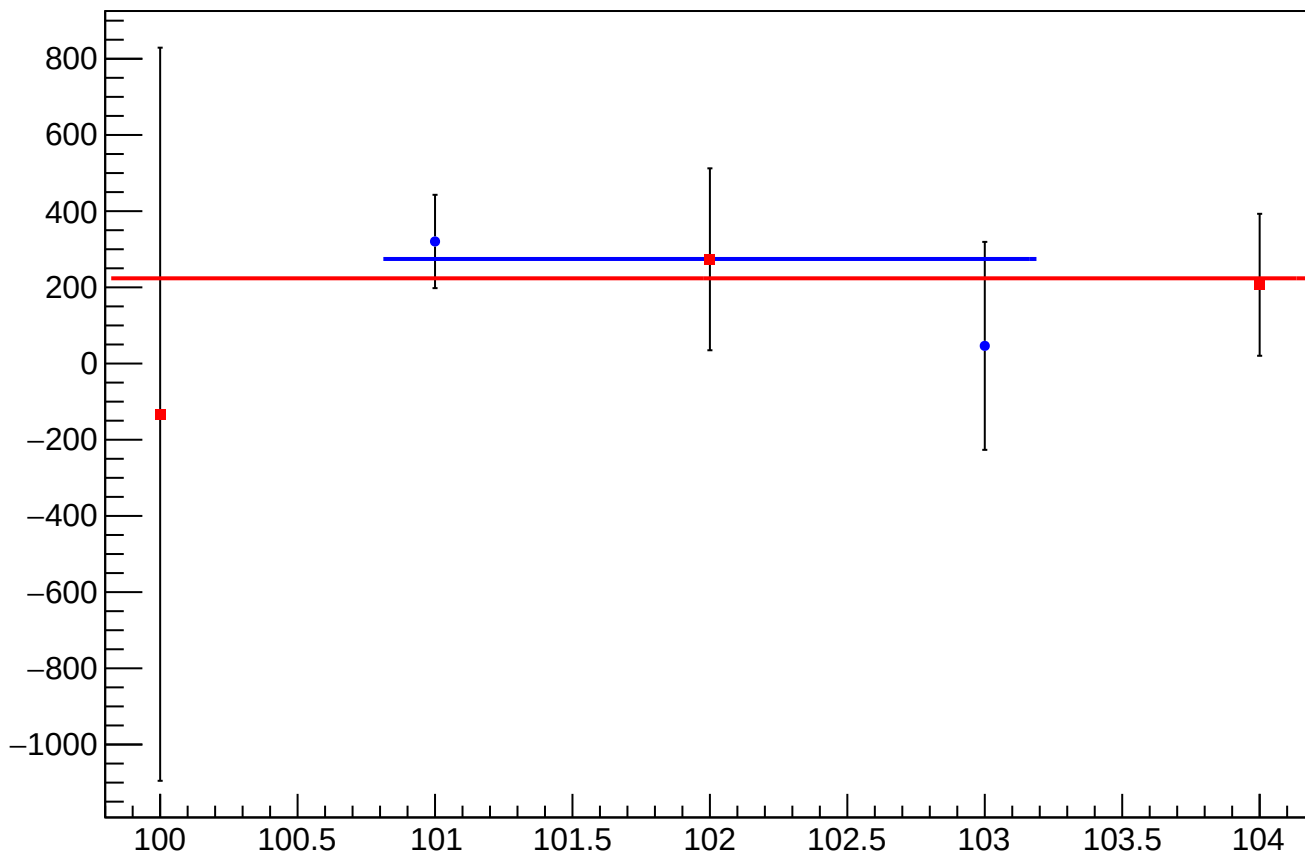
Right: 687.555+/-0.313 χ^2/NDF : 70818.4/4

In: 714.966+/-0.454 χ^2/NDF : 2315.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 687.555+/-0.313 χ^2/NDF : 70818.4/4

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: 223.725 $\pm$ 145.206 χ^2 /NDF: 0.2/2

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

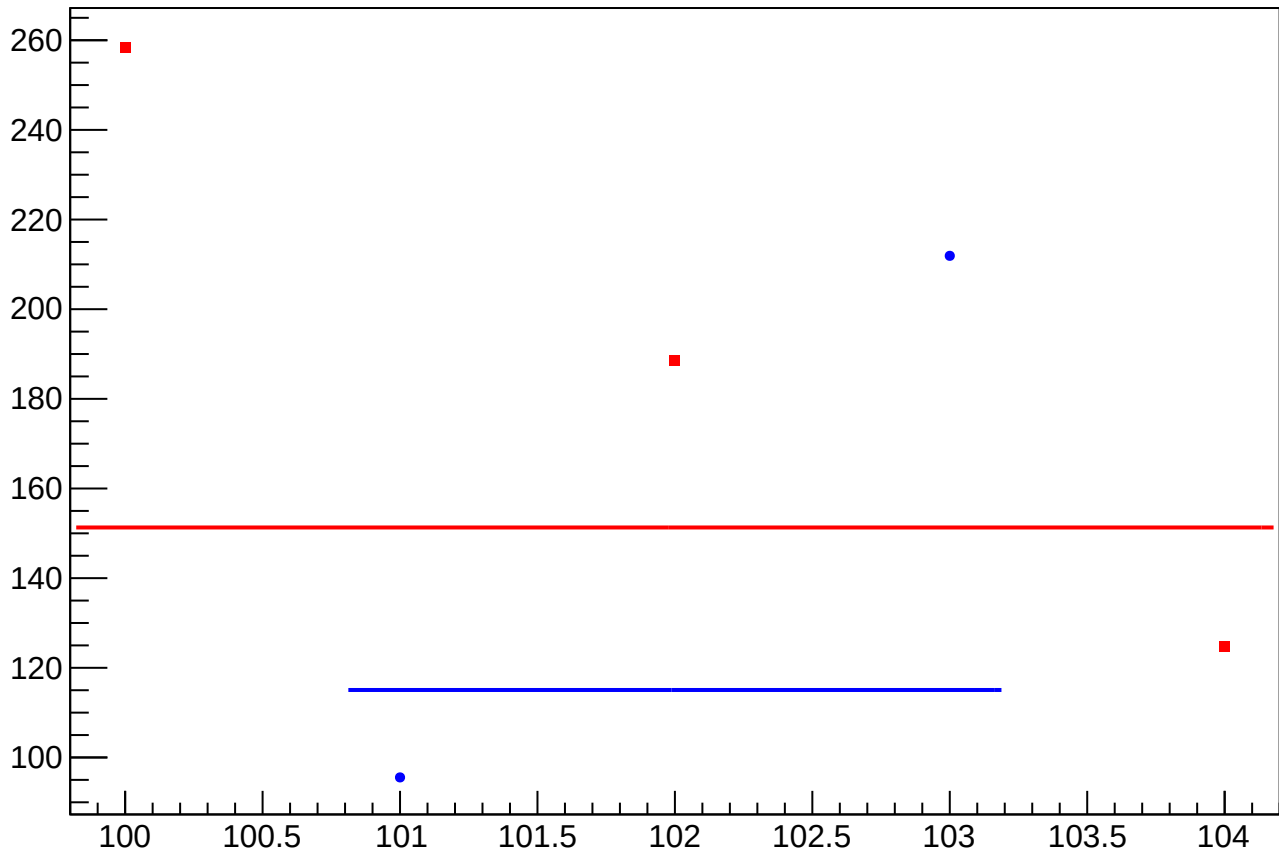
Right: 255.612 $\pm$ 88.557 χ^2 /NDF: 1.1/4

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: 255.612 $\pm$ 88.557 χ^2 /NDF: 1.1/4

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: 151.306+/-0.103 χ^2/NDF : 114064.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

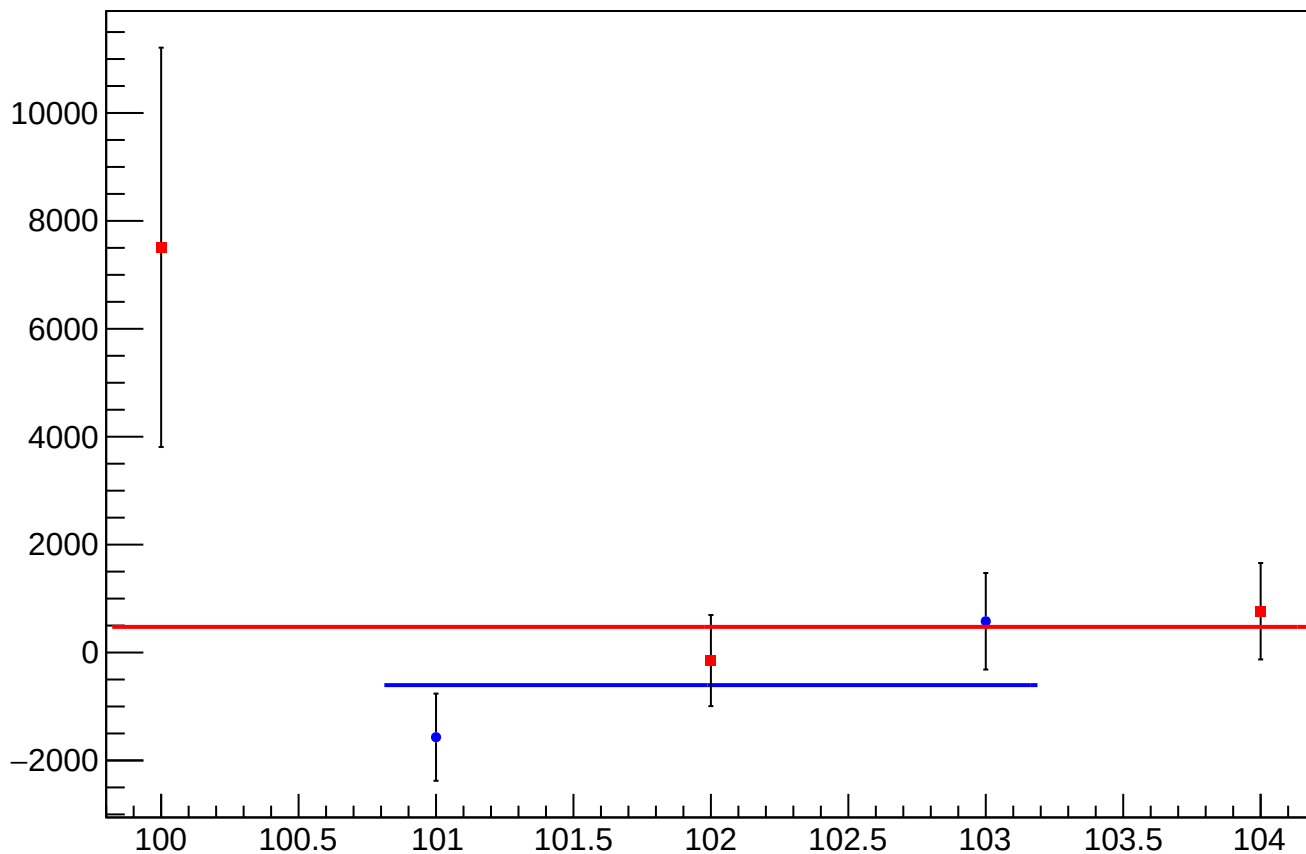
Right: 128.537+/-0.063 χ^2/NDF : 494904.1/4

In: 115.053+/-0.079 χ^2/NDF : 302545.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.537+/-0.063 χ^2/NDF : 494904.1/4

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: 475.536+/-605.350 χ^2 /NDF: 4.3/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

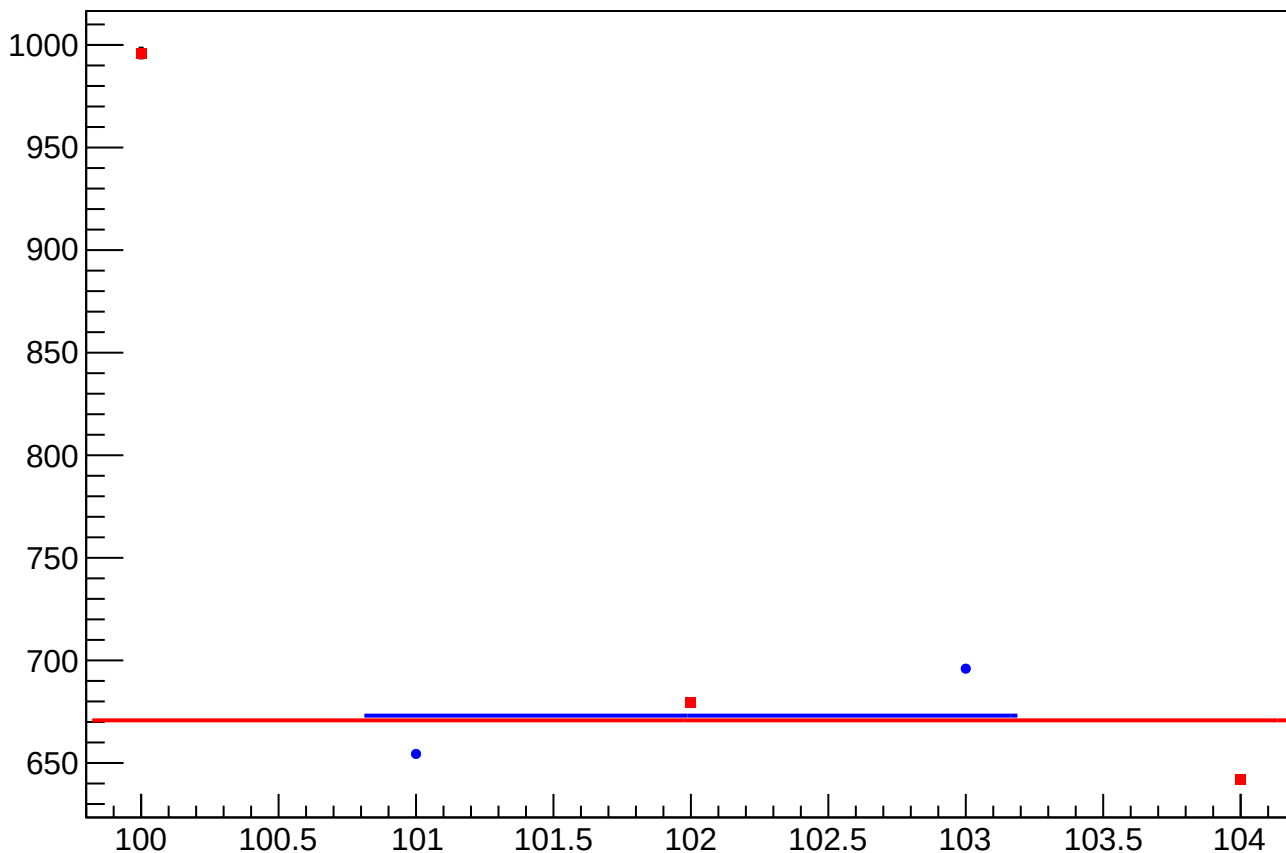
Right: -69.353+/-426.016 χ^2 /NDF: 9.0/4

In: -604.022+/-599.646 χ^2 /NDF: 3.2/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -69.353+/-426.016 χ^2 /NDF: 9.0/4

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 673.088 $\pm$ 0.424 χ^2 /NDF: 2377.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 670.783 $\pm$ 0.428 χ^2 /NDF: 17751.0/2

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

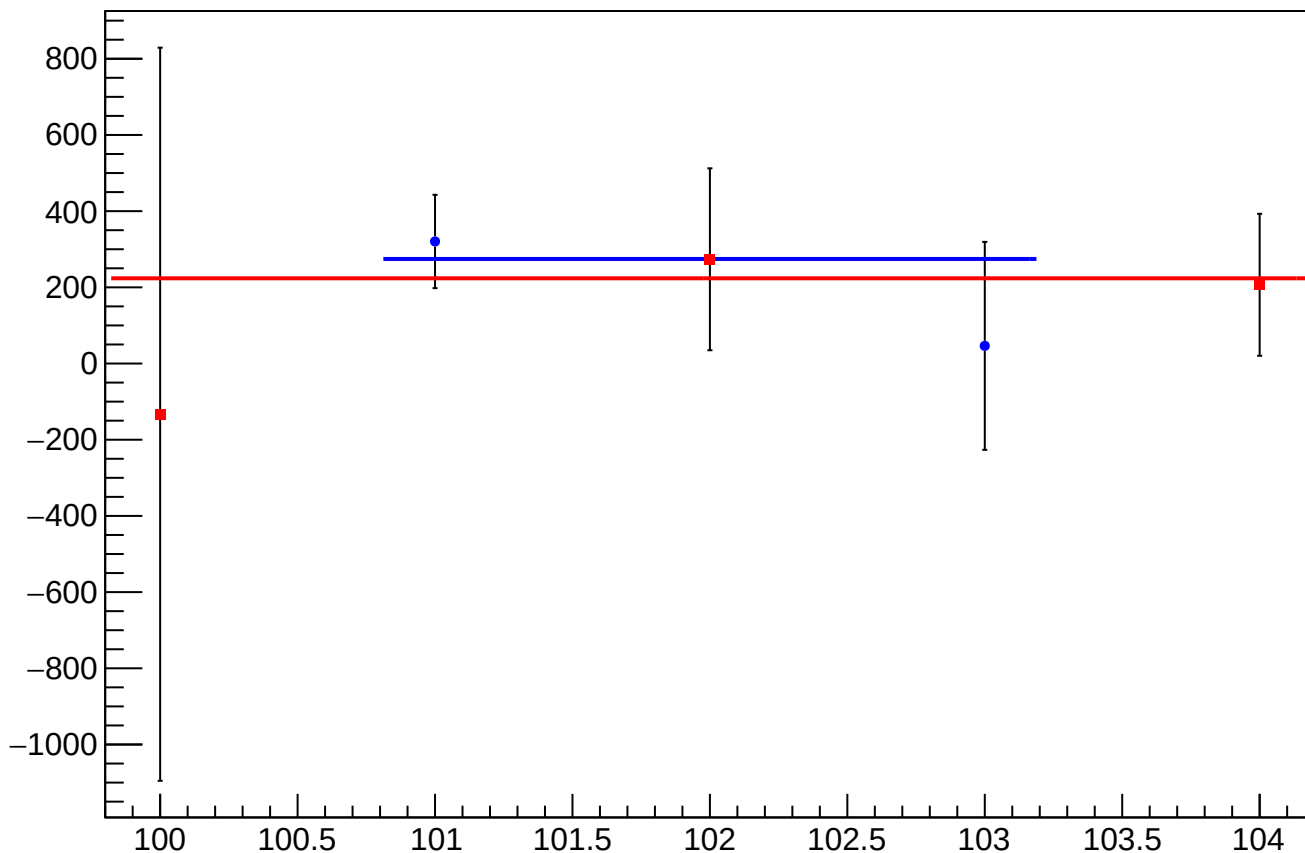
Right: 671.946 $\pm$ 0.301 χ^2 /NDF: 20143.1/4

In: 673.088 $\pm$ 0.424 χ^2 /NDF:2377.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 671.946 $\pm$ 0.301 χ^2 /NDF: 20143.1/4

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: 223.722 $\pm$ 145.205 χ^2 /NDF: 0.2/2

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

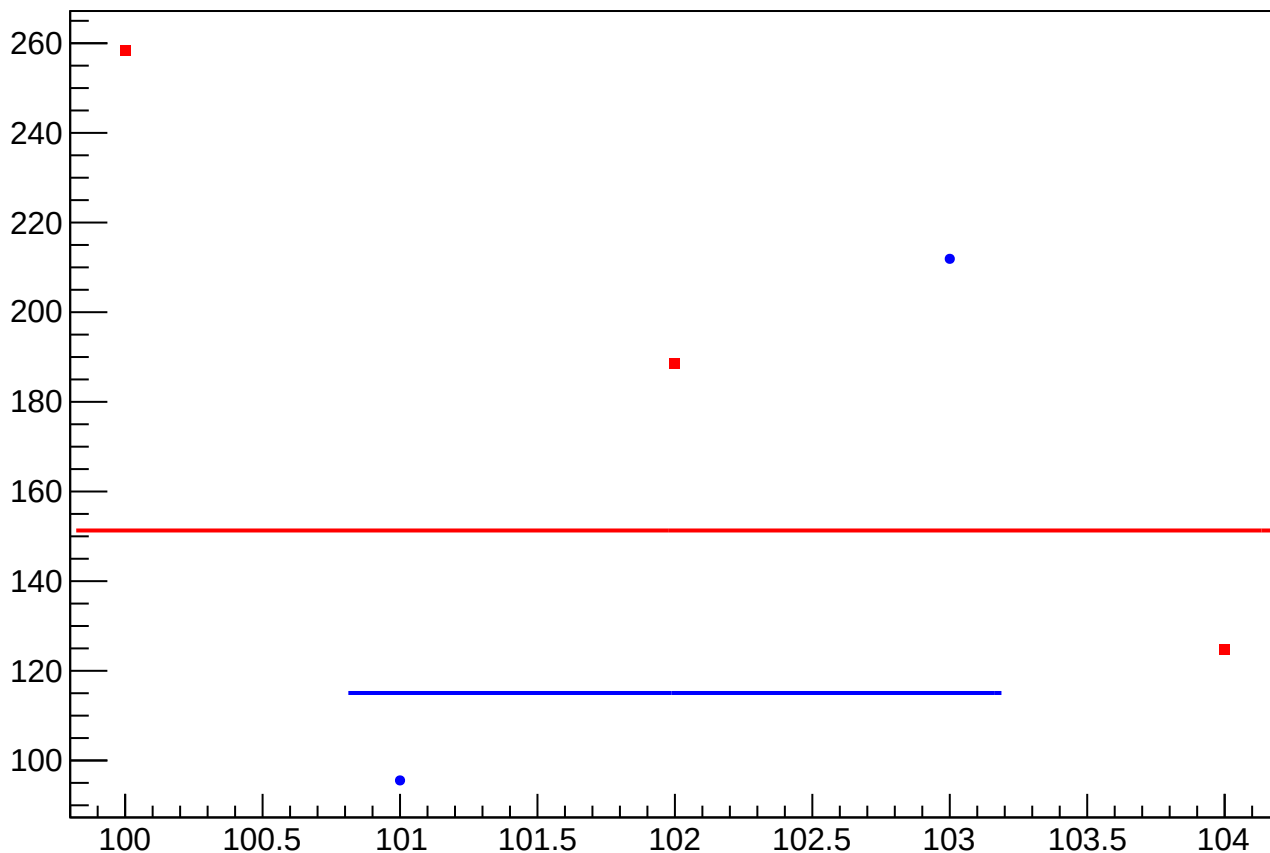
Right: 255.614 $\pm$ 88.557 χ^2 /NDF: 1.1/4

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: 255.614 $\pm$ 88.557 χ^2 /NDF: 1.1/4

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: 151.304+/-0.103 χ^2/NDF : 114075.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

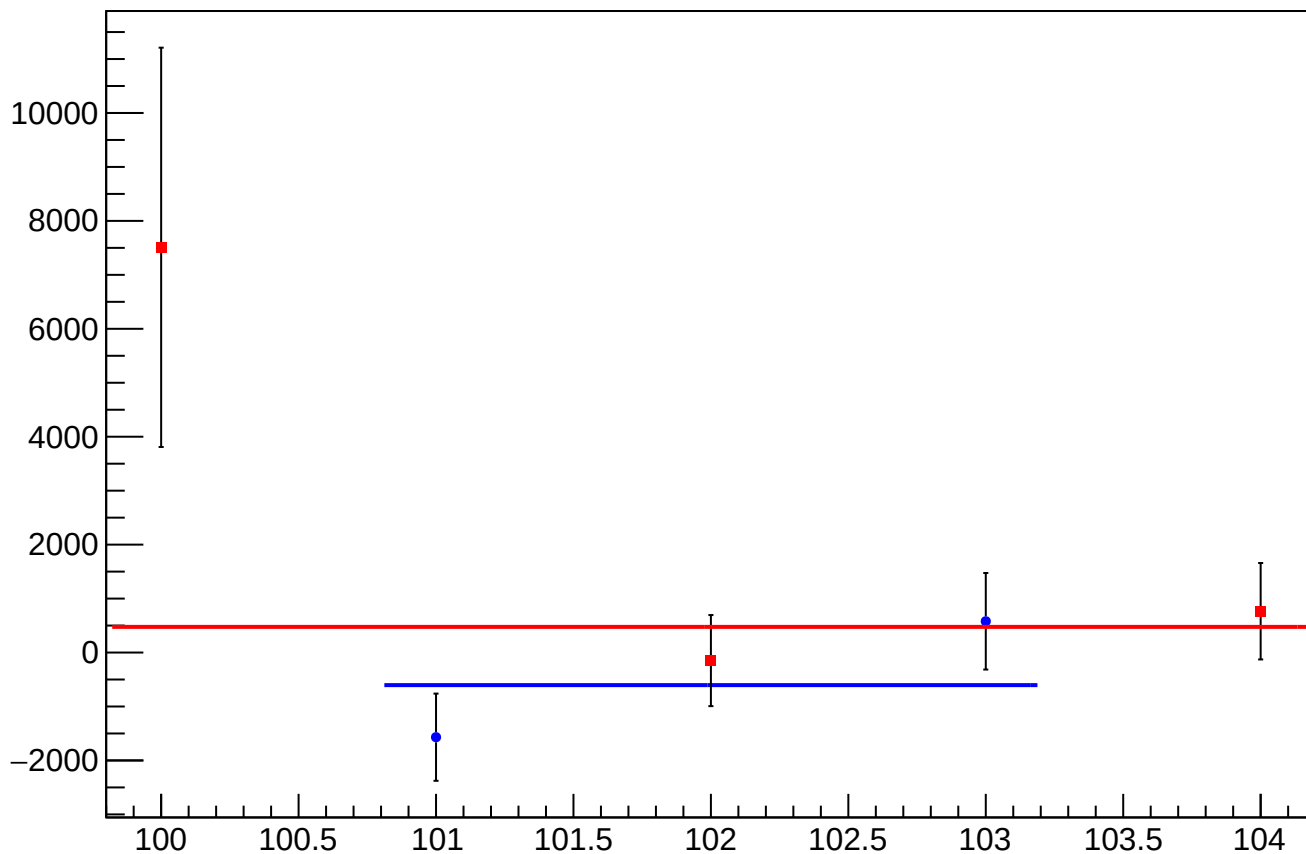
Right: 128.537+/-0.063 χ^2/NDF : 494906.1/4

In: 115.054+/-0.079 χ^2/NDF : 302545.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.537+/-0.063 χ^2/NDF : 494906.1/4

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: 475.533+/-605.347 χ^2 /NDF: 4.3/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

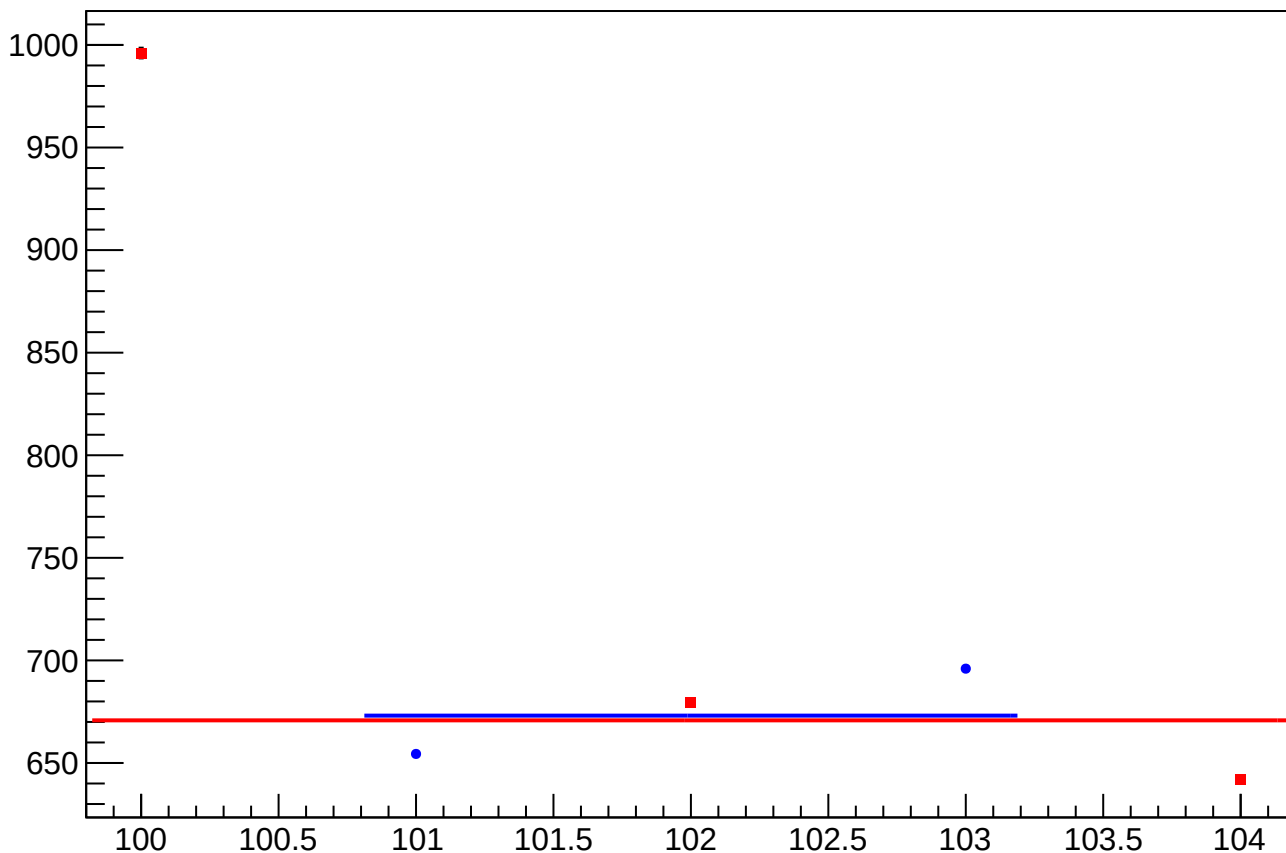
Right: -69.353+/-426.014 χ^2 /NDF: 9.0/4

In: -604.019+/-599.643 χ^2 /NDF:3.2/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -69.353+/-426.014 χ^2 /NDF: 9.0/4

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: 670.779+/-0.428 χ^2/NDF : 17751.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

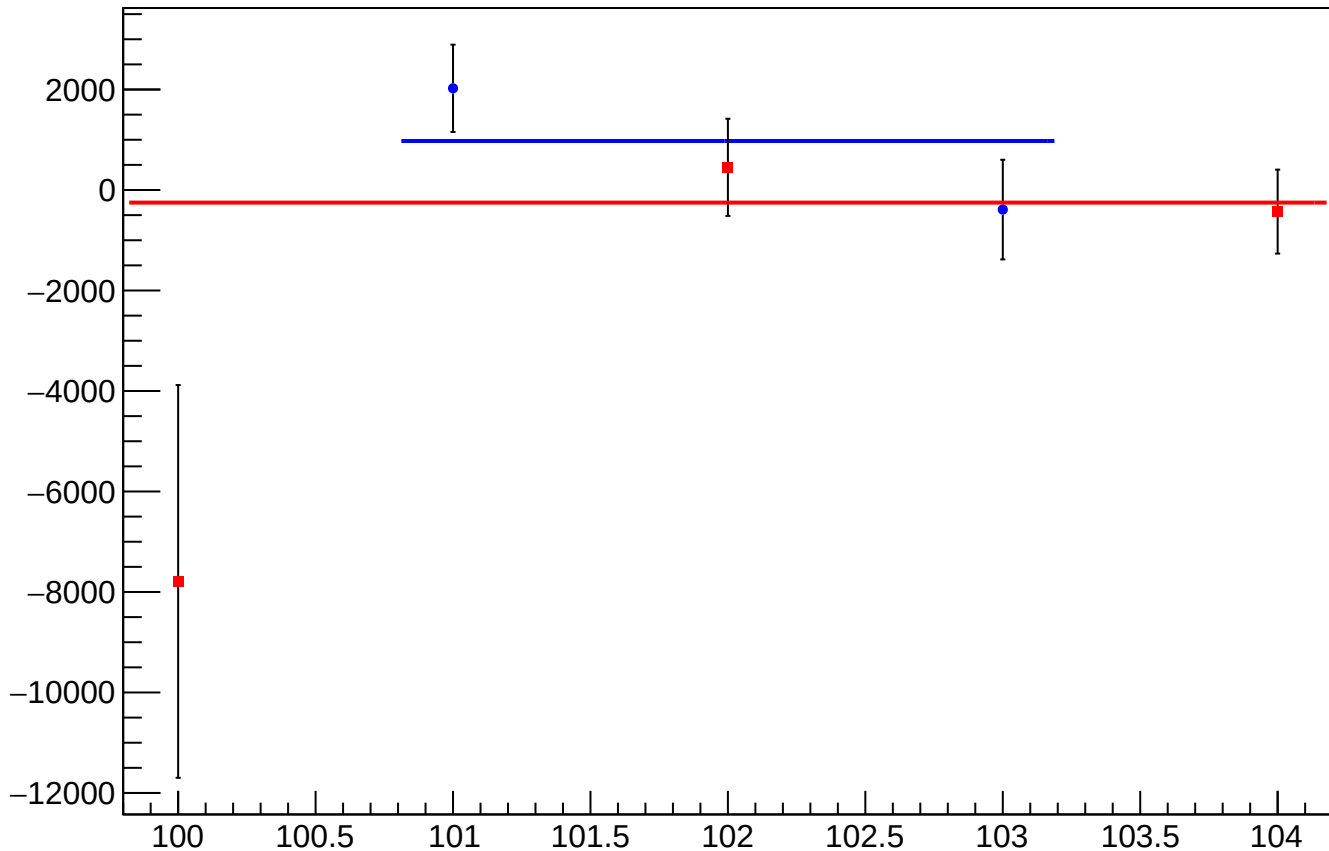
Right: 671.943+/-0.301 χ^2/NDF : 20143.1/4

In: 673.084+/-0.424 χ^2/NDF : 2377.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 671.943+/-0.301 χ^2/NDF : 20143.1/4

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: -250.481+/-624.051 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

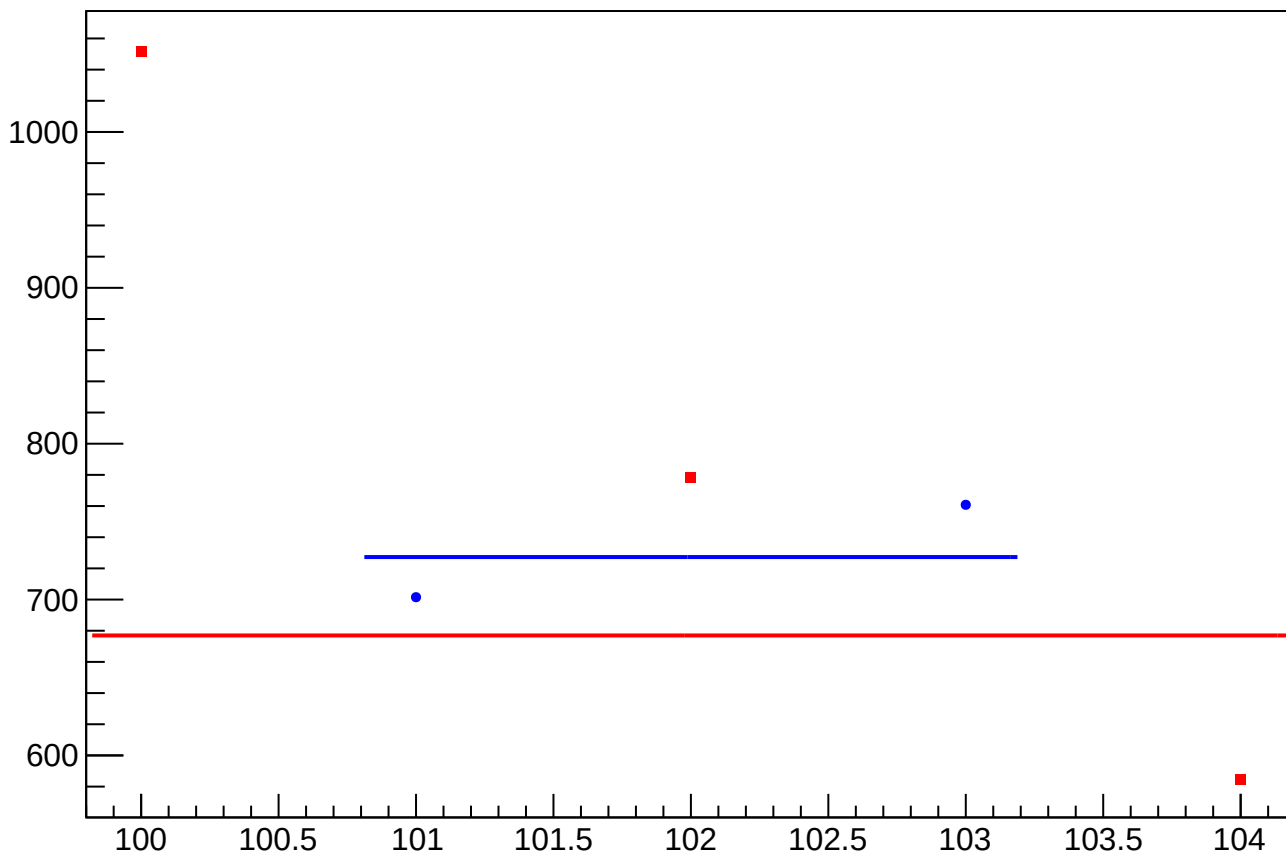
Right: 334.393+/-451.293 χ^2/NDF : 9.5/4

In: 975.594+/-653.411 χ^2/NDF :3.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 334.393+/-451.293 χ^2/NDF : 9.5/4

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: 676.972+/-0.441 χ^2/NDF : 64876.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

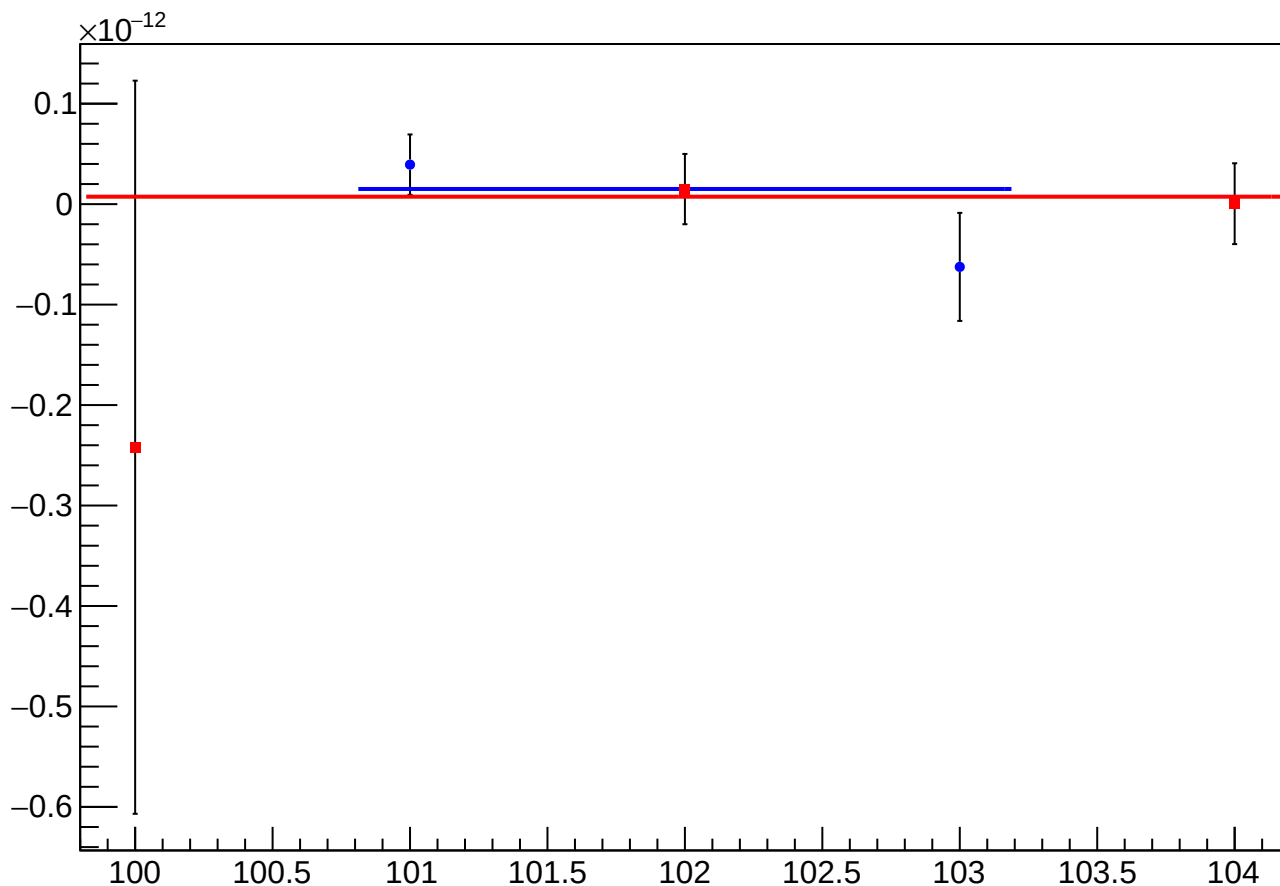
Right: 700.964+/-0.319 χ^2/NDF : 75119.0/4

In: 727.268+/-0.462 χ^2/NDF : 4045.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 700.964+/-0.319 χ^2/NDF : 75119.0/4

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

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

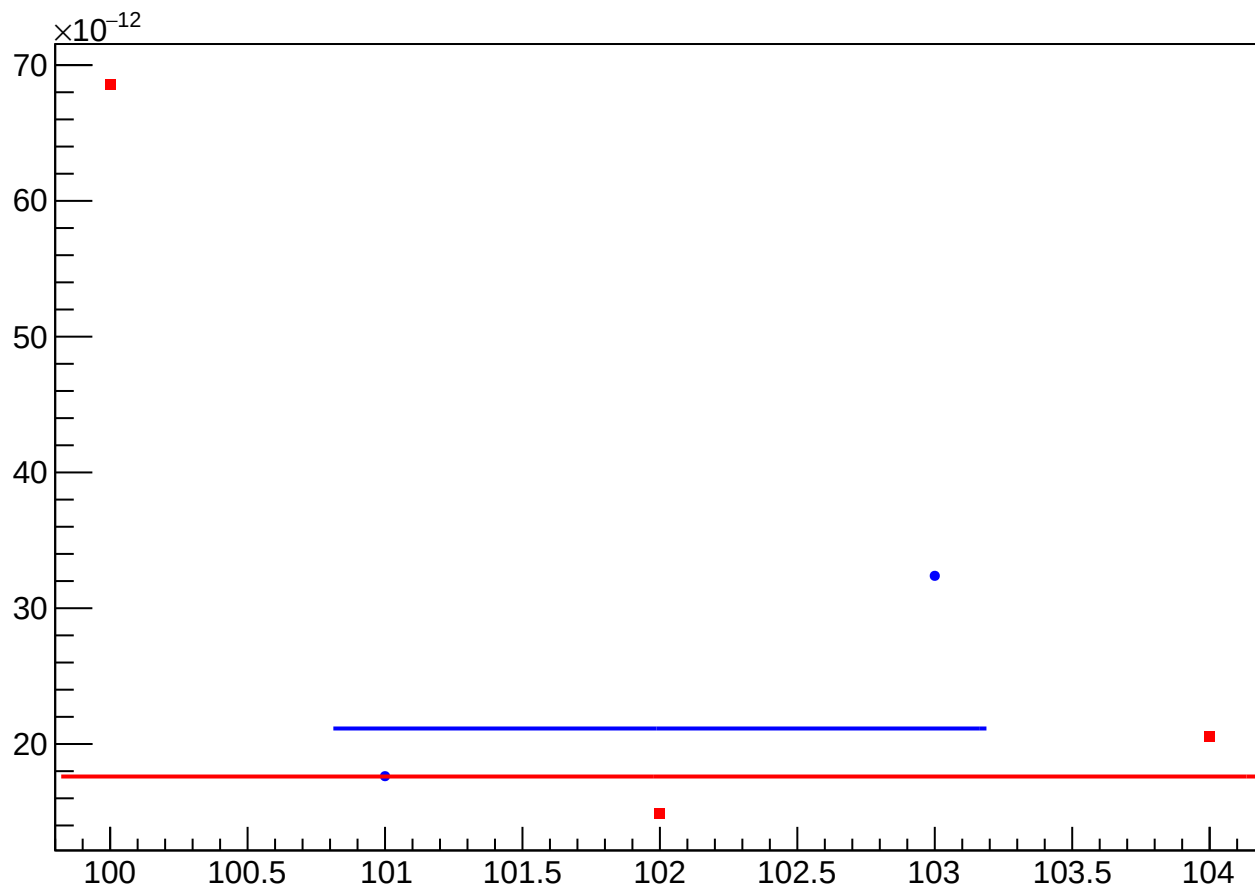
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/4

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 : 62105.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

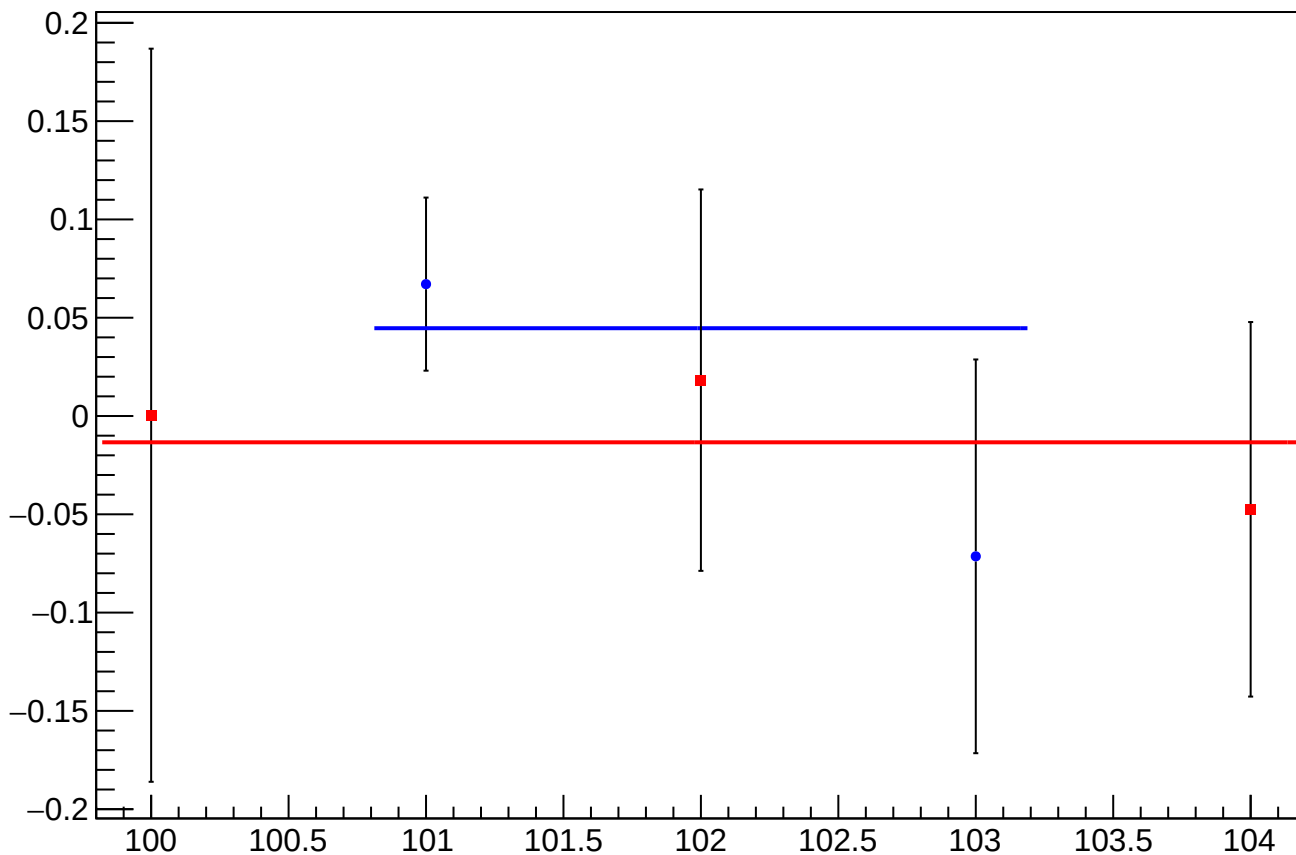
Right: 0.000+/-0.000 χ^2/NDF : 194963.1/4

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 : 194963.1/4

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: -0.013+/-0.064 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

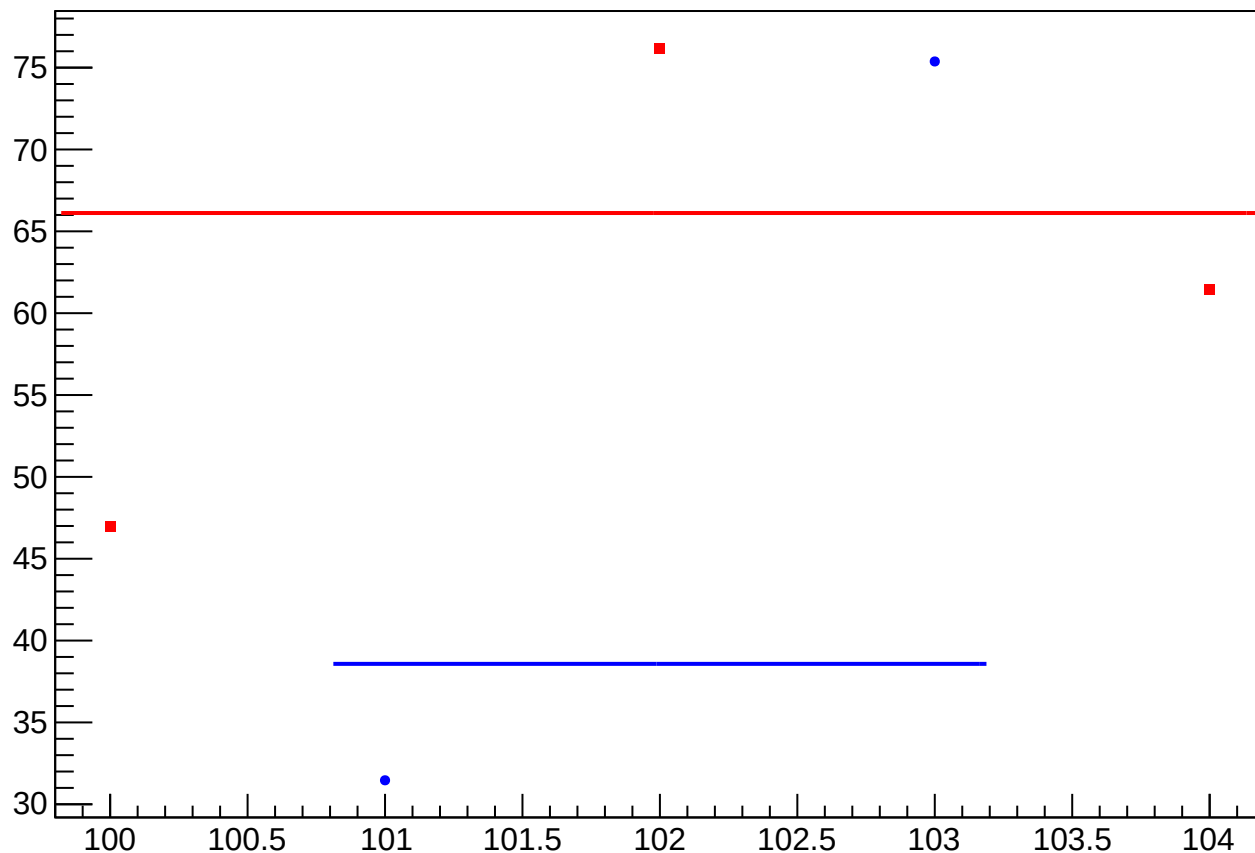
Right: 0.028+/-0.034 χ^2/NDF : 2.4/4

In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.034 χ^2/NDF : 2.4/4

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: 66.119+/-0.045 χ^2/NDF : 47256.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

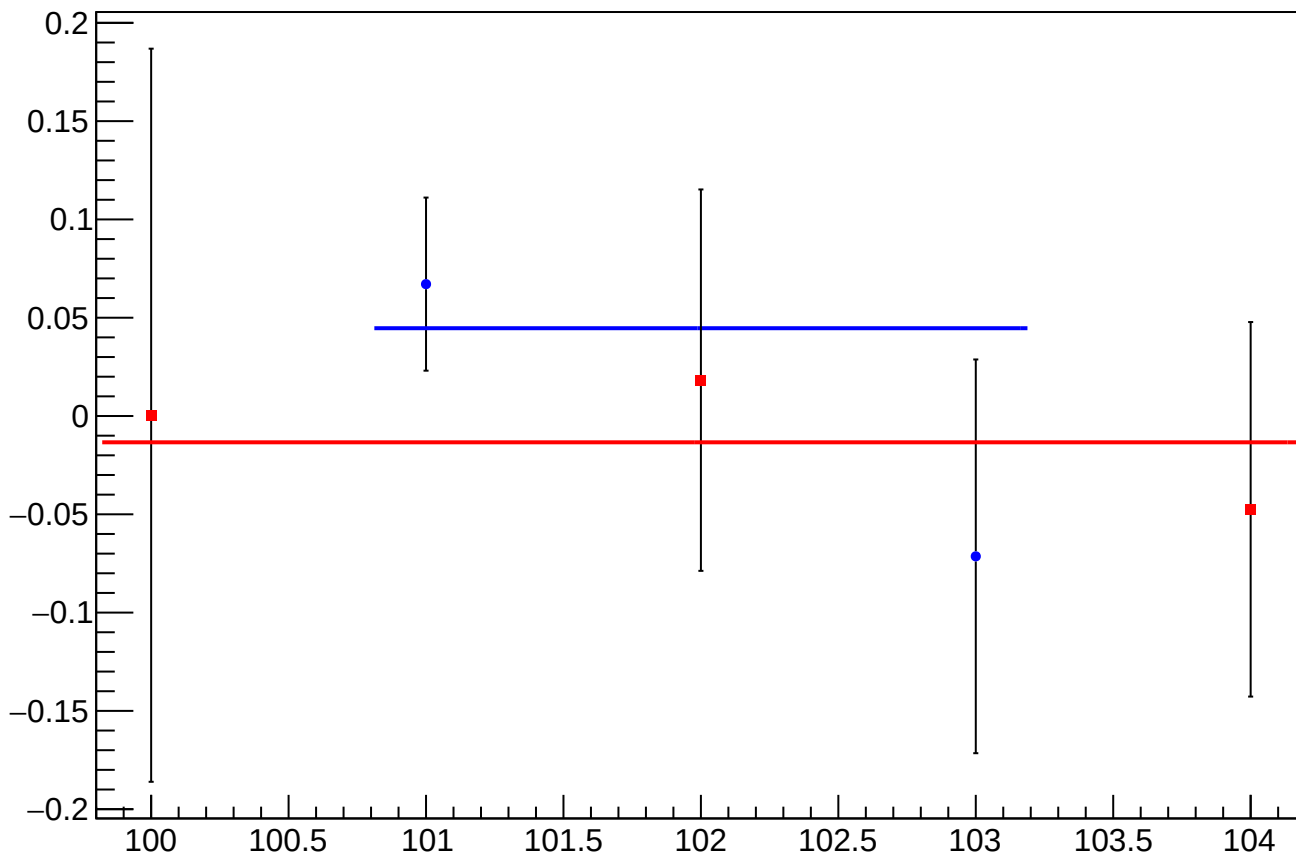
Right: 46.422+/-0.024 χ^2/NDF : 635551.7/4

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.422+/-0.024 χ^2/NDF : 635551.7/4

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: -0.013+/-0.064 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

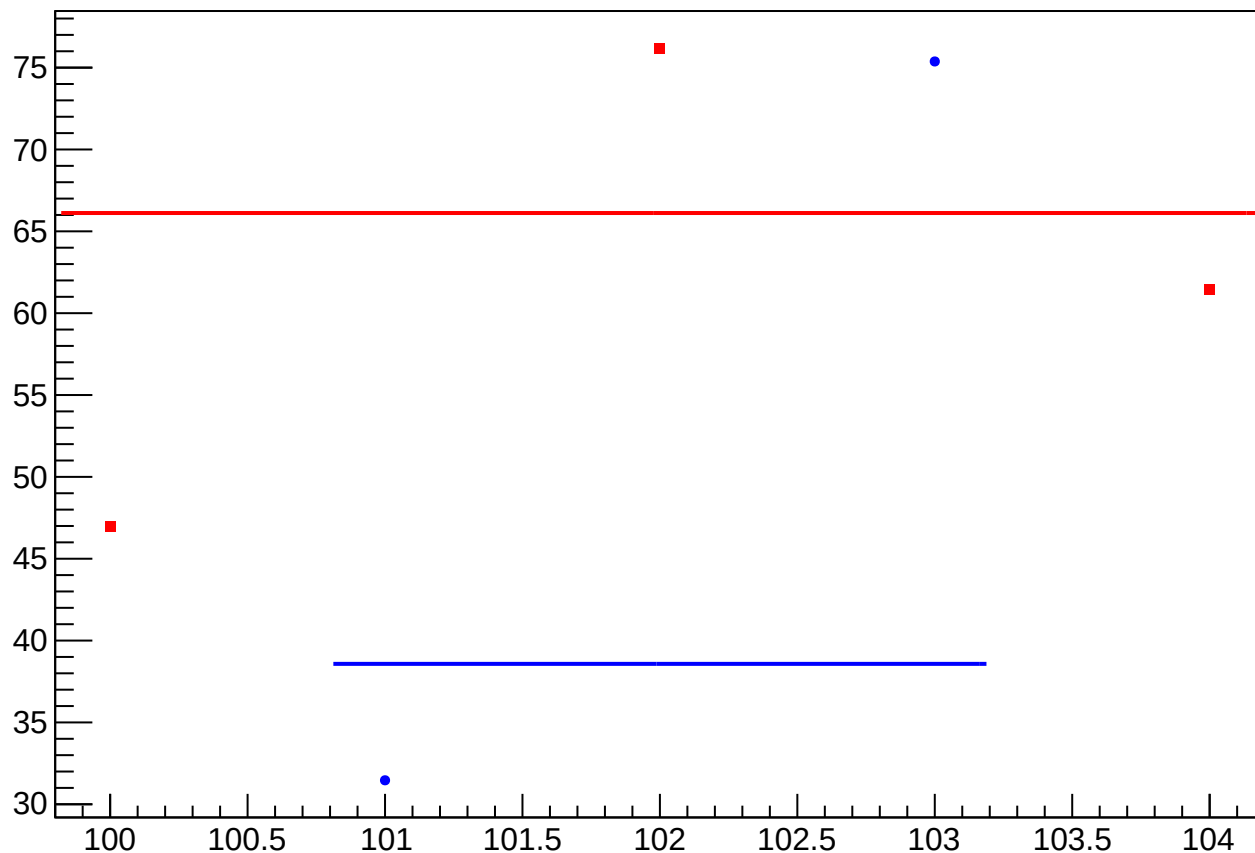
Right: 0.028+/-0.034 χ^2/NDF : 2.4/4

In: 0.045+/-0.040 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.034 χ^2/NDF : 2.4/4

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: 66.119+/-0.045 χ^2/NDF : 47256.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

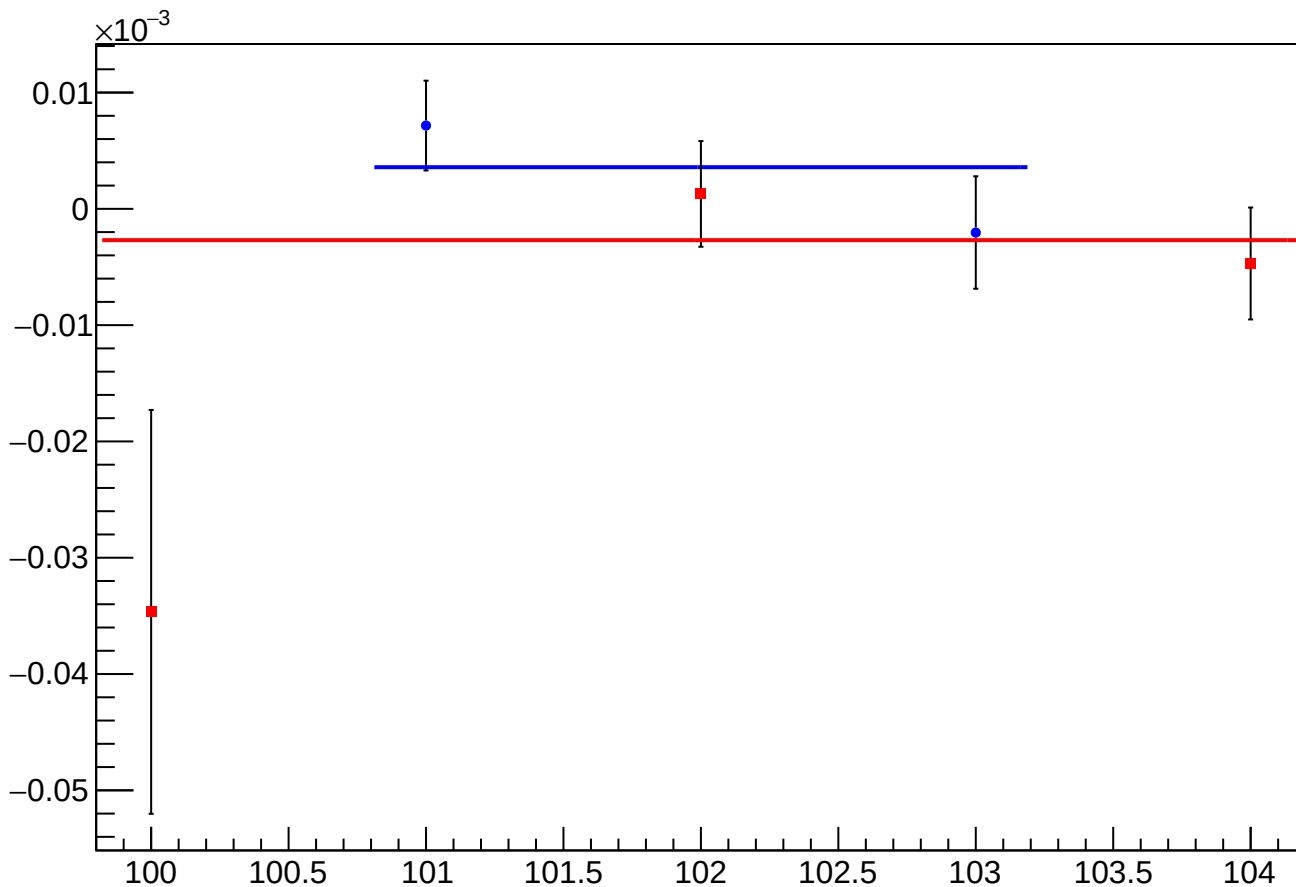
Right: 46.422+/-0.024 χ^2/NDF : 635551.7/4

In: 38.577+/-0.028 χ^2/NDF : 322255.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.422+/-0.024 χ^2/NDF : 635551.7/4

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/2

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

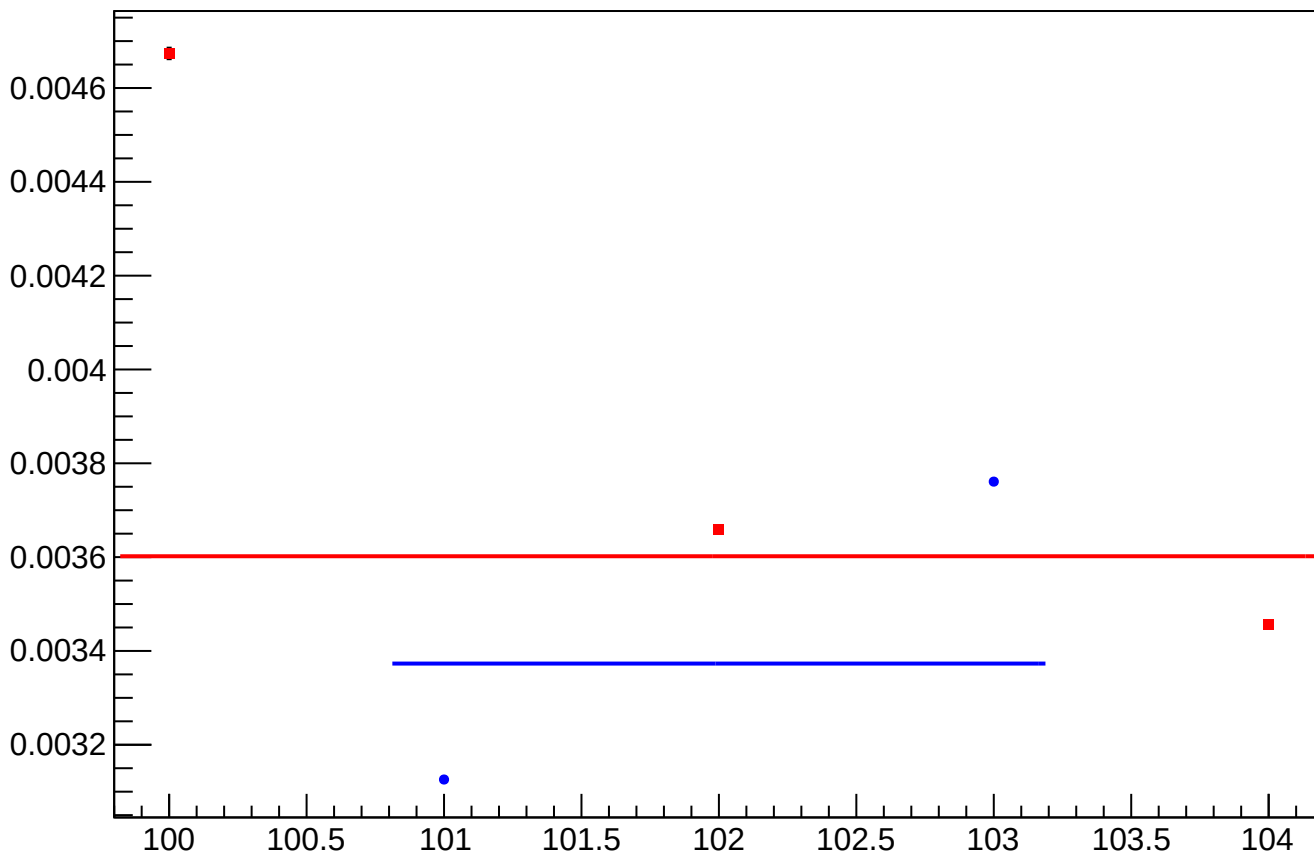
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/4

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: 0.004+/-0.000 χ^2/NDF : 9745.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

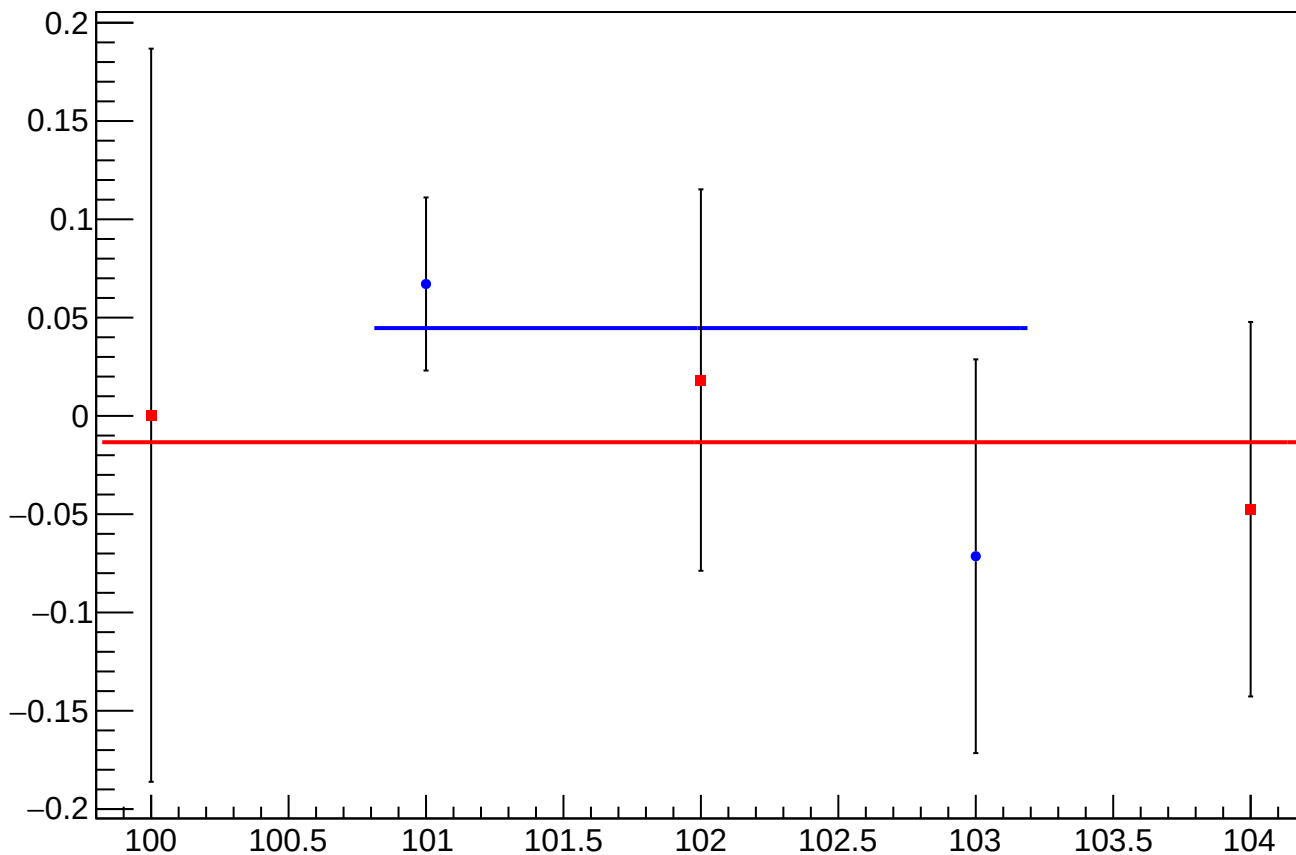
Right: 0.003+/-0.000 χ^2/NDF : 36143.9/4

In: 0.003+/-0.000 χ^2/NDF : 21066.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 36143.9/4

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: -0.013 $\pm$ 0.064 χ^2 /NDF: 0.2/2

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

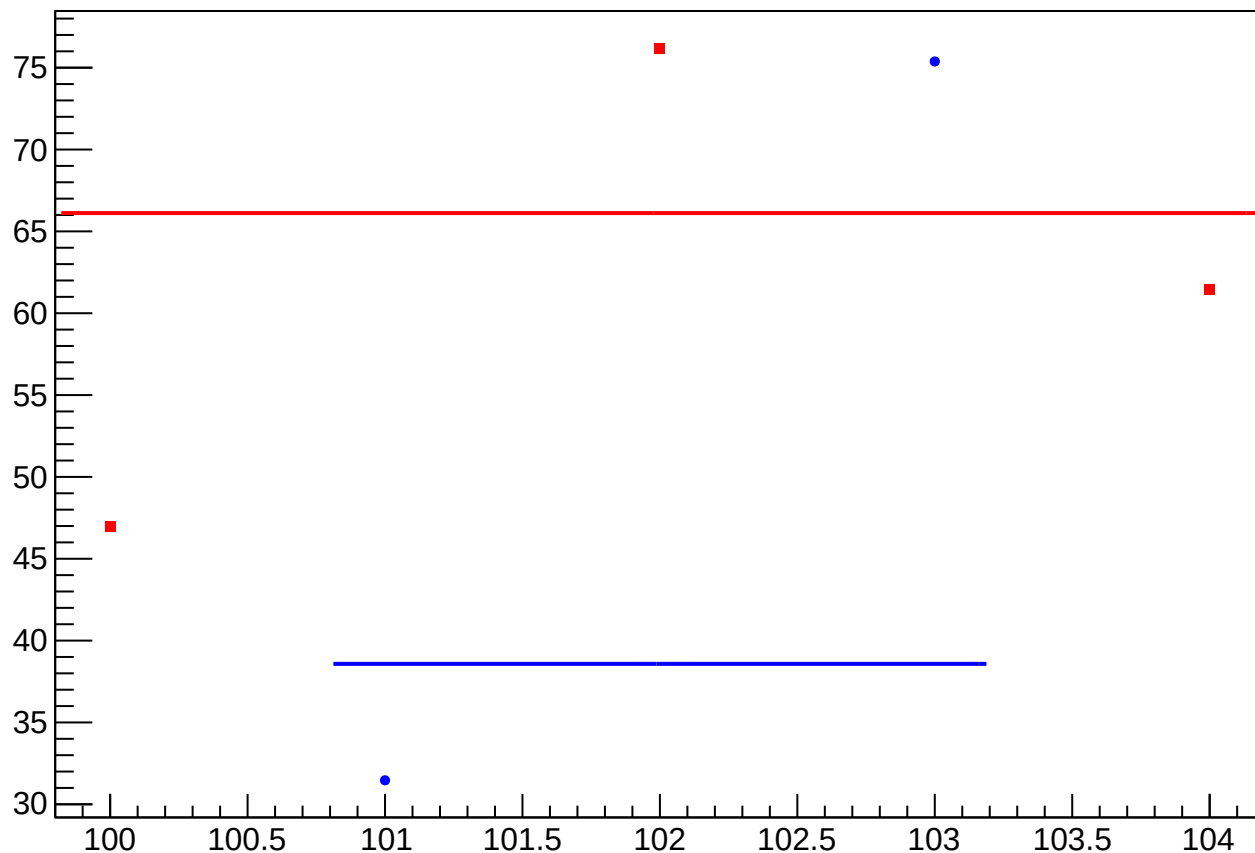
Right: 0.028 $\pm$ 0.034 χ^2 /NDF: 2.4/4

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: 0.028 $\pm$ 0.034 χ^2 /NDF: 2.4/4

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: 66.118+/-0.045 χ^2/NDF : 47279.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

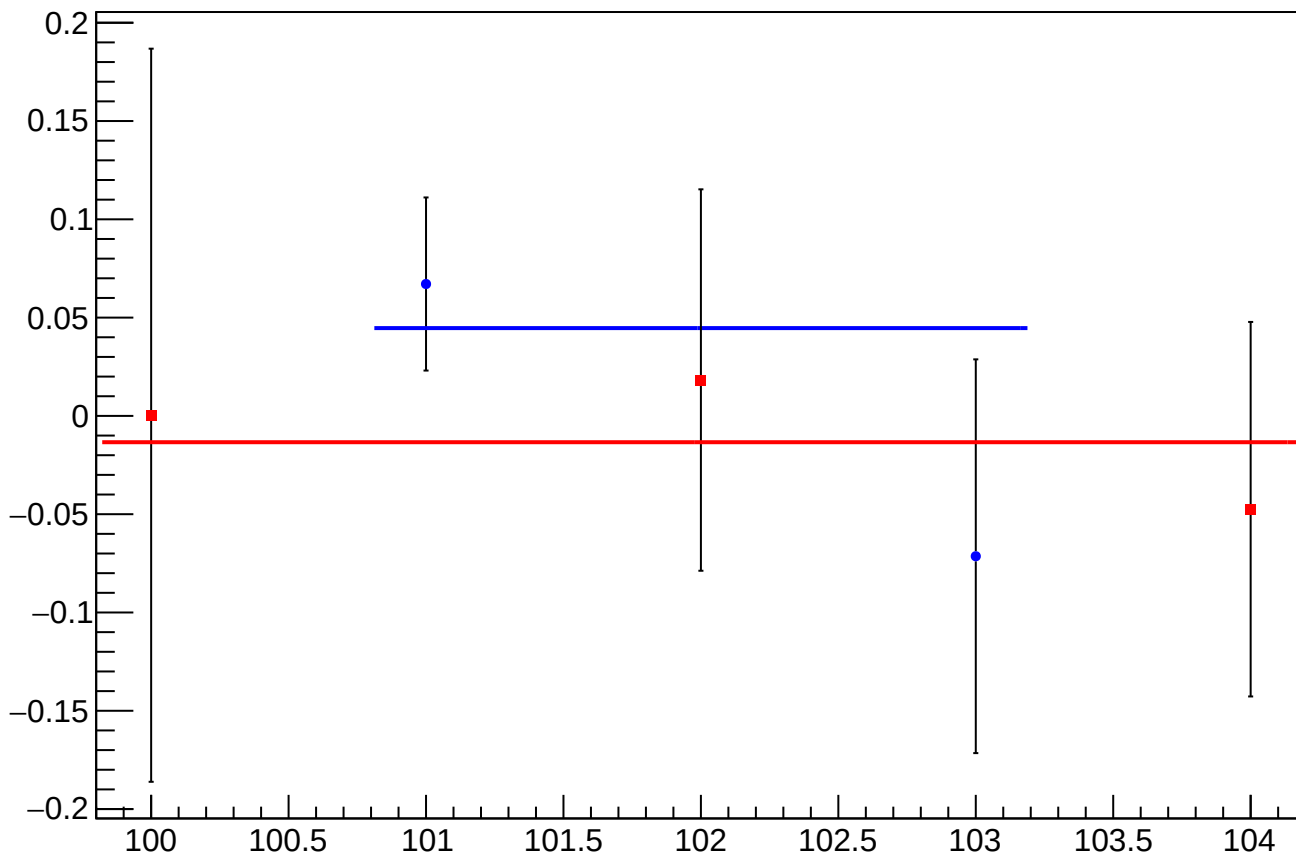
Right: 46.424+/-0.024 χ^2/NDF : 635525.3/4

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.424+/-0.024 χ^2/NDF : 635525.3/4

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: -0.013 $\pm$ 0.064 χ^2 /NDF: 0.2/2

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

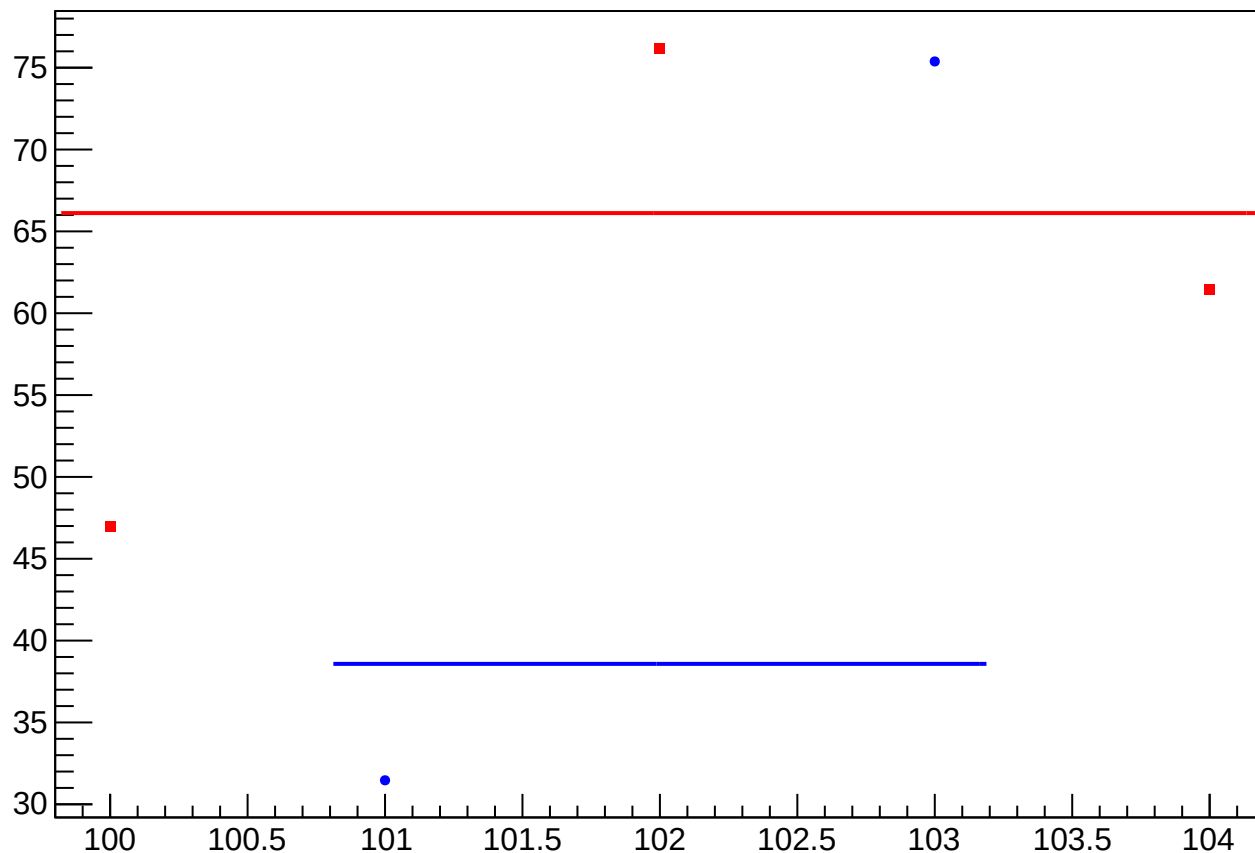
Right: 0.028 $\pm$ 0.034 χ^2 /NDF: 2.4/4

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: 0.028 $\pm$ 0.034 χ^2 /NDF: 2.4/4

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: 66.118+/-0.045 χ^2/NDF : 47279.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

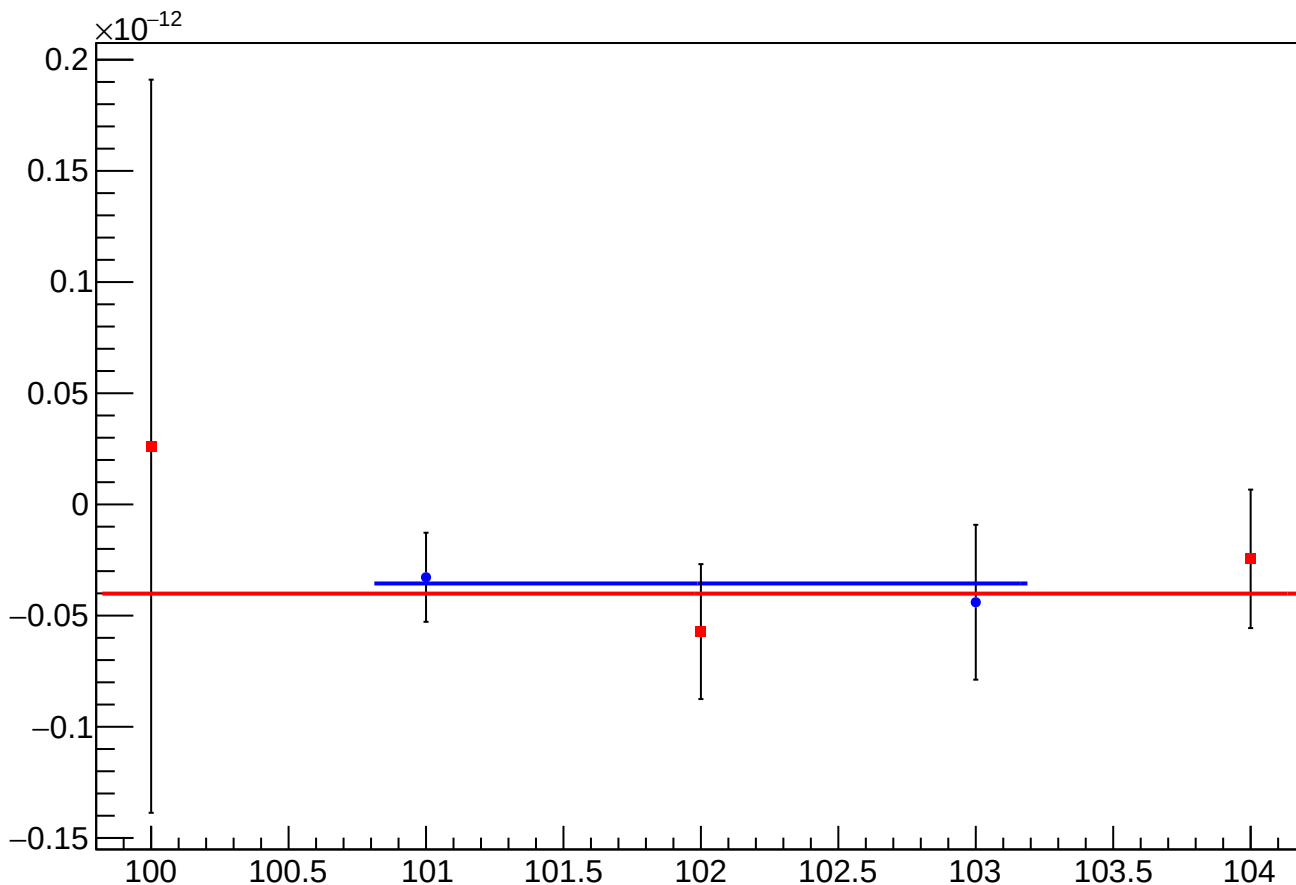
Right: 46.424+/-0.024 χ^2/NDF : 635525.3/4

In: 38.579+/-0.028 χ^2/NDF : 322261.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.424+/-0.024 χ^2/NDF : 635525.3/4

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 : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

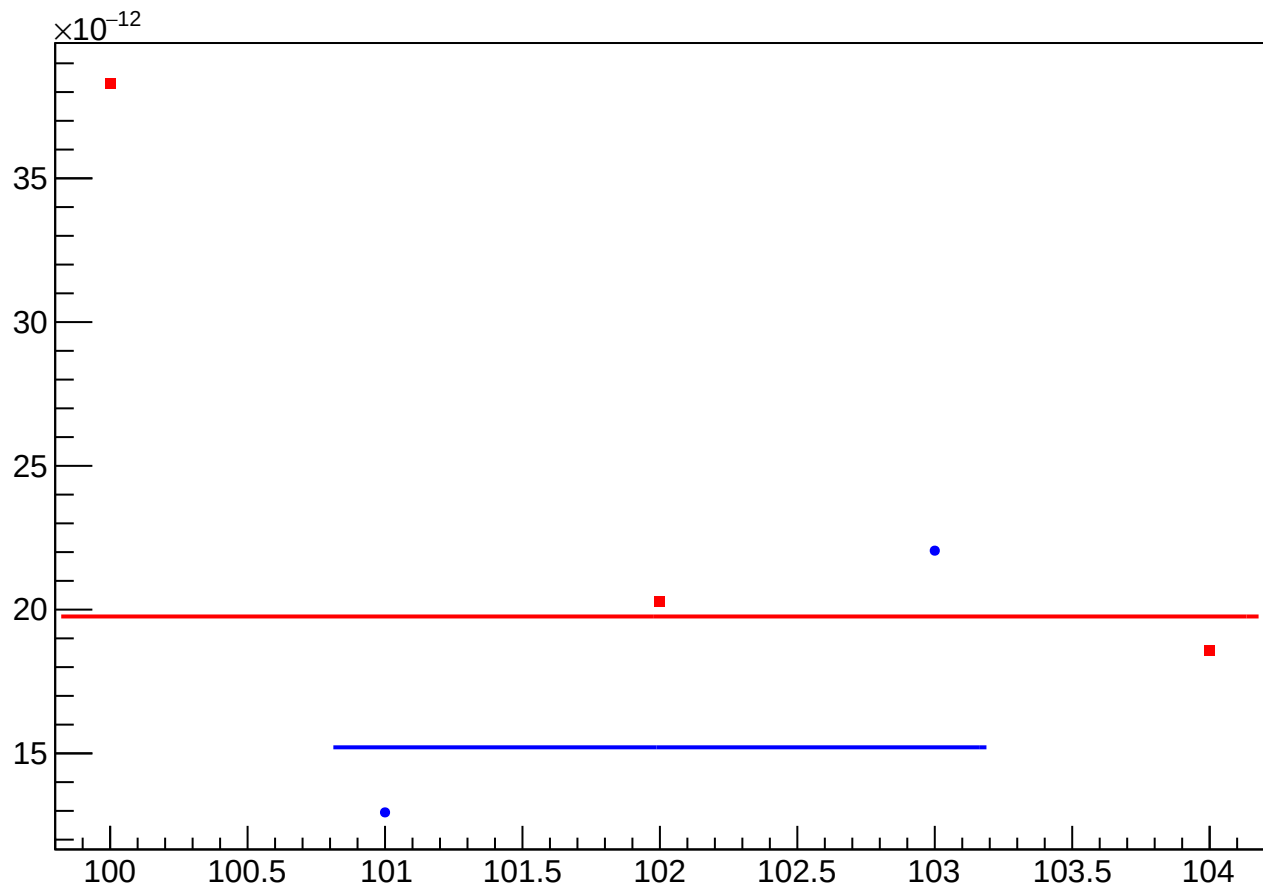
Right: -0.000+/-0.000 χ^2/NDF : 0.8/4

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 : 0.8/4

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 : 28864.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

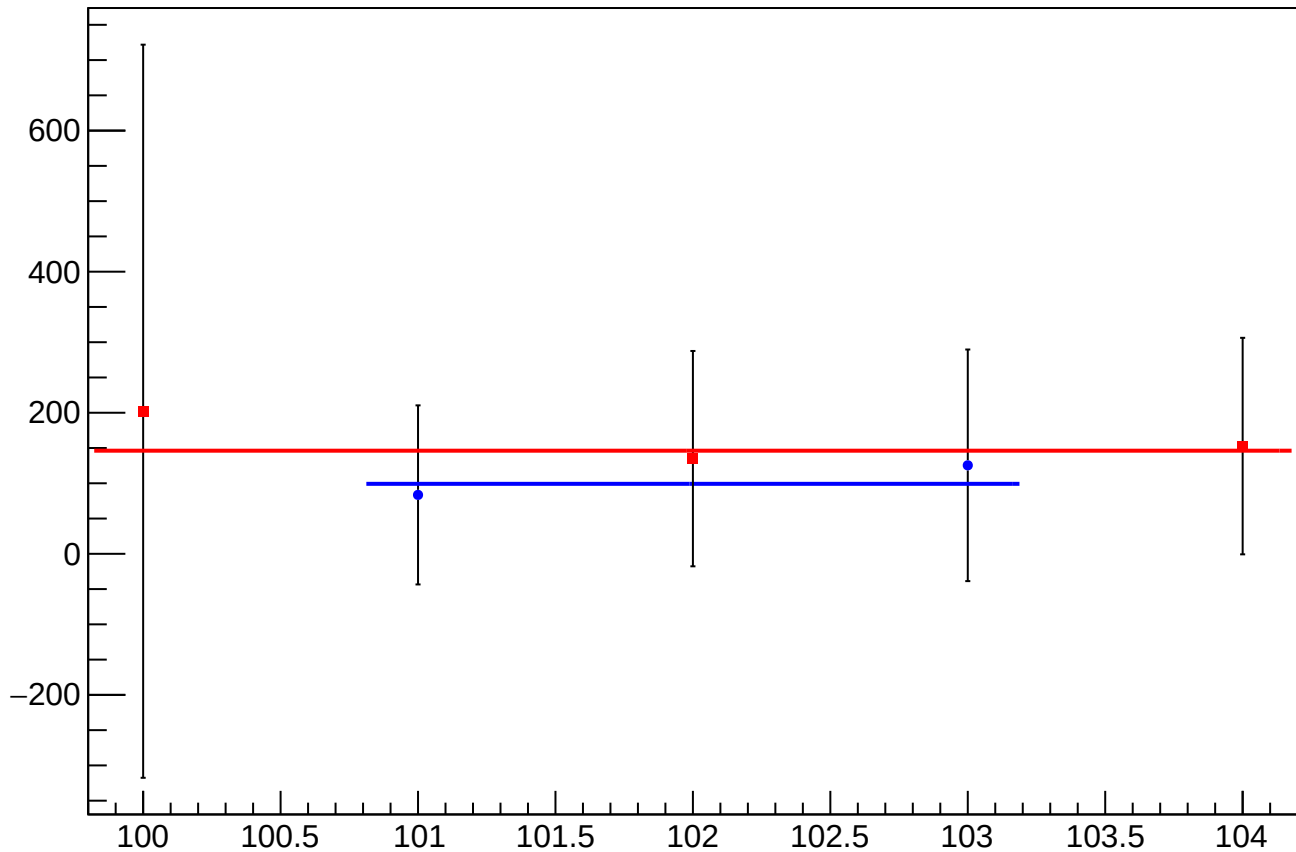
Right: 0.000+/-0.000 χ^2/NDF : 185632.0/4

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 : 185632.0/4

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: 146.207+/-105.959 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

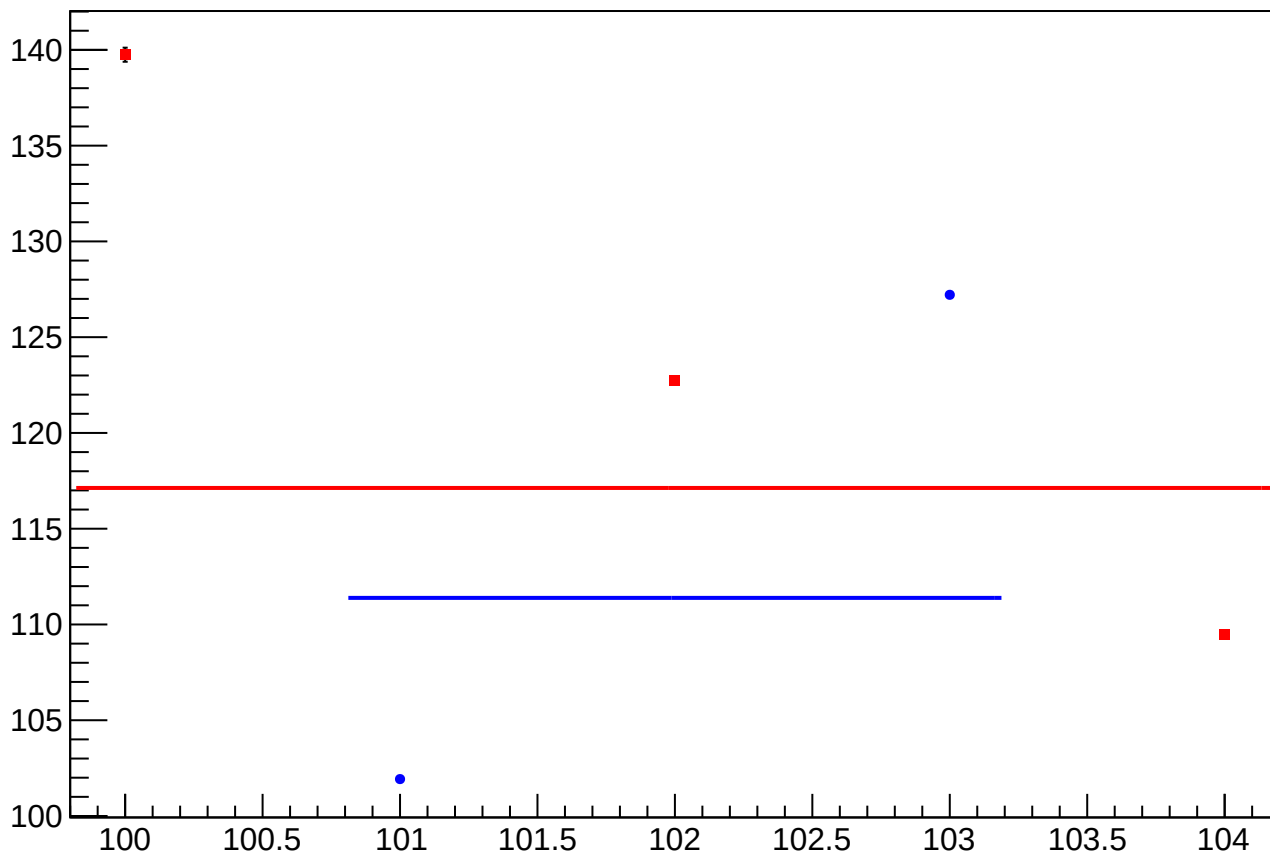
Right: 121.455+/-72.890 χ^2/NDF : 0.2/4

In: 99.221+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.455+/-72.890 χ^2/NDF : 0.2/4

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: 117.128+/-0.075 χ^2/NDF : 11472.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

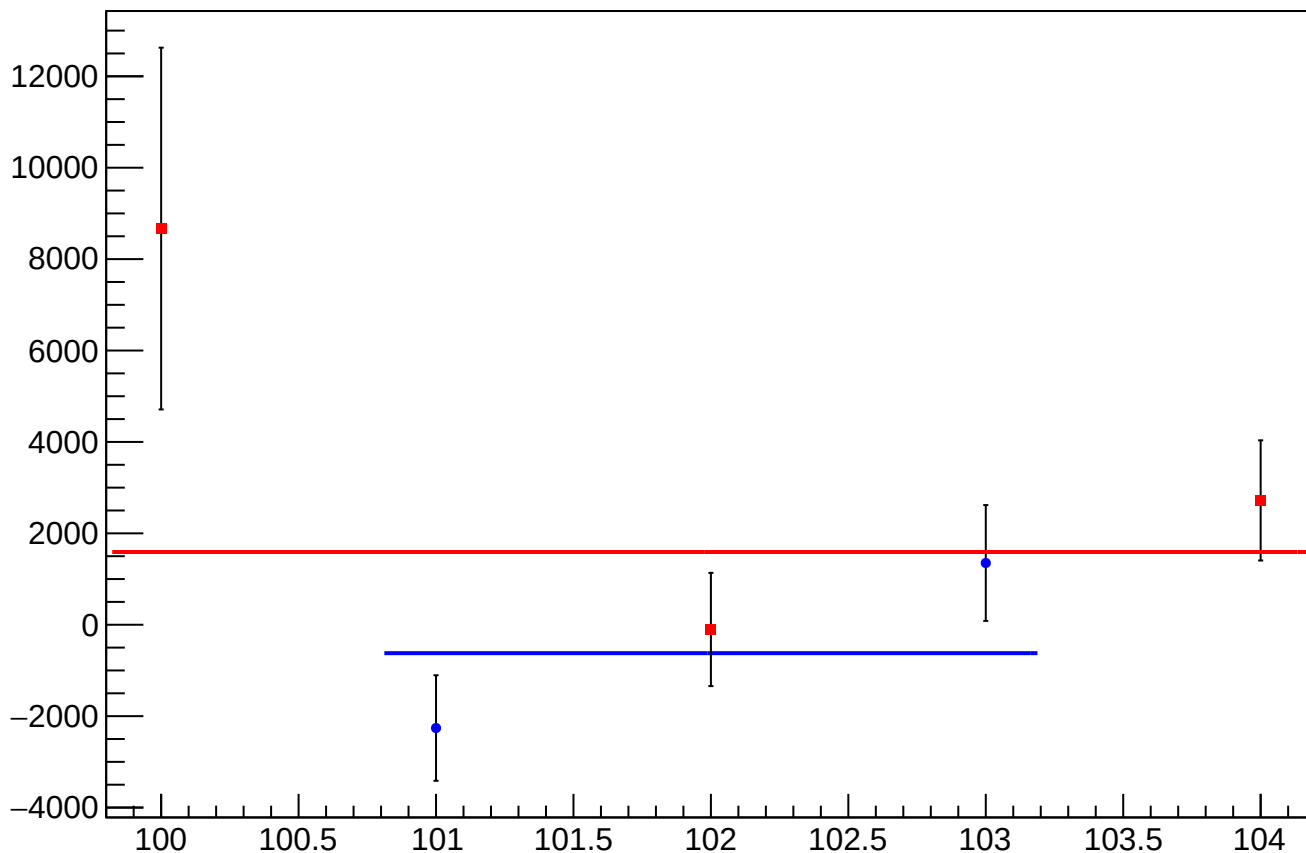
Right: 114.104+/-0.052 χ^2/NDF : 44249.9/4

In: 111.388+/-0.071 χ^2/NDF : 29686.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.104+/-0.052 χ^2/NDF : 44249.9/4

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: 1591.839+/-879.107 χ^2 /NDF: 5.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

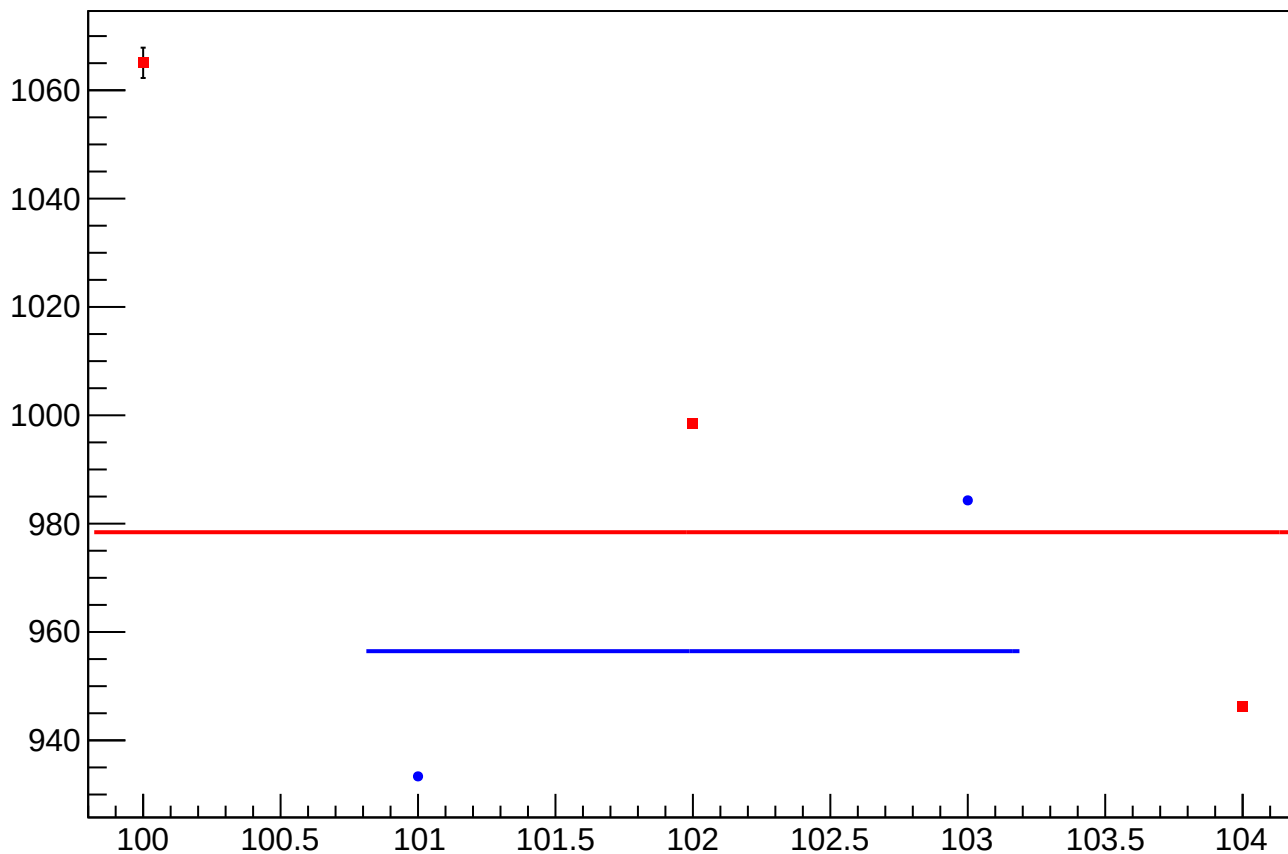
Right: 452.404+/-612.381 χ^2 /NDF: 13.5/4

In: -621.704+/-853.533 χ^2 /NDF:4.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 452.404+/-612.381 χ^2 /NDF: 13.5/4

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: 978.418+/-0.622 χ^2/NDF : 2673.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

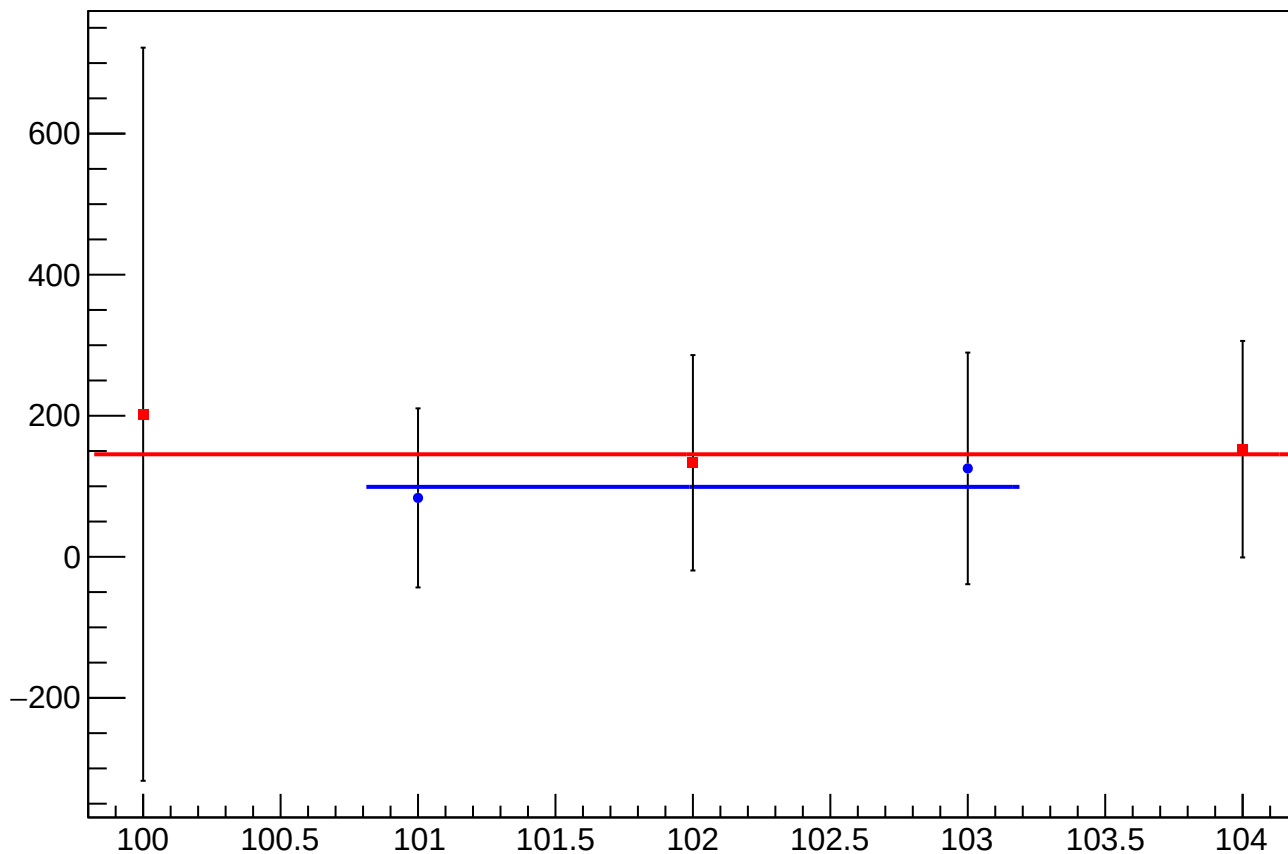
Right: 967.115+/-0.433 χ^2/NDF : 5082.1/4

In: 956.460+/-0.604 χ^2/NDF : 1766.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.115+/-0.433 χ^2/NDF : 5082.1/4

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: 145.373+/-105.980 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

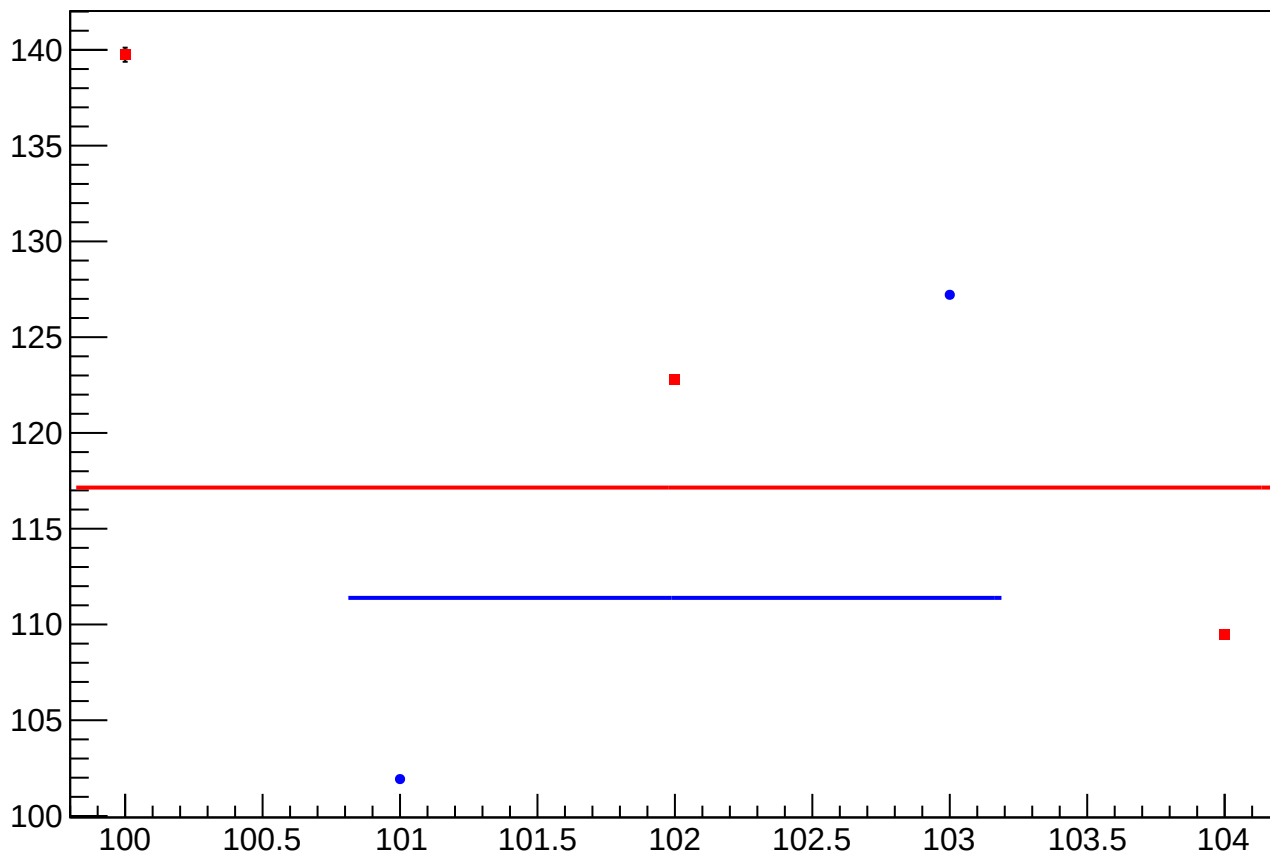
Right: 121.038+/-72.897 χ^2/NDF : 0.2/4

In: 99.186+/-100.427 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.038+/-72.897 χ^2/NDF : 0.2/4

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: 117.148+/-0.075 χ^2/NDF : 11514.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

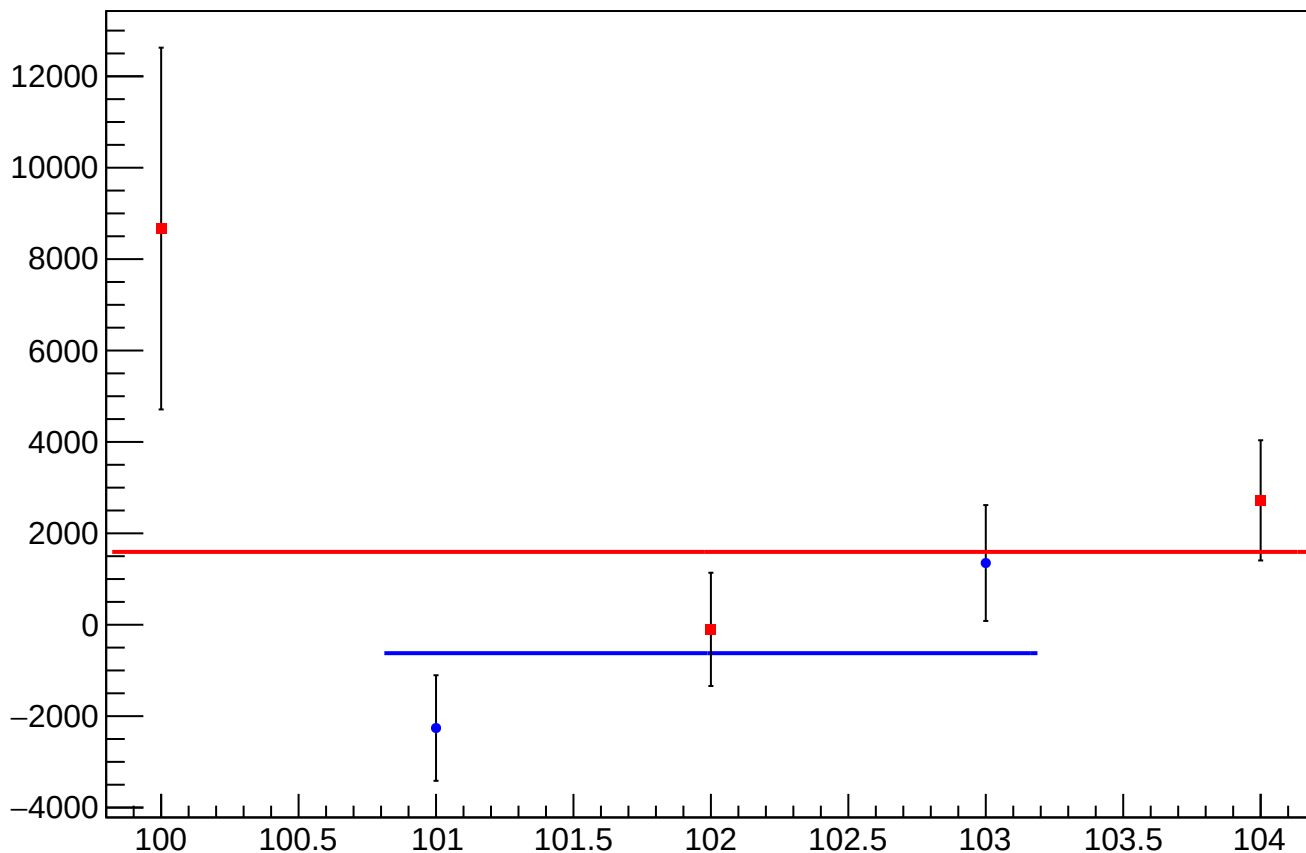
Right: 114.114+/-0.052 χ^2/NDF : 44314.5/4

In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.114+/-0.052 χ^2/NDF : 44314.5/4

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: 1593.913+/-879.258 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

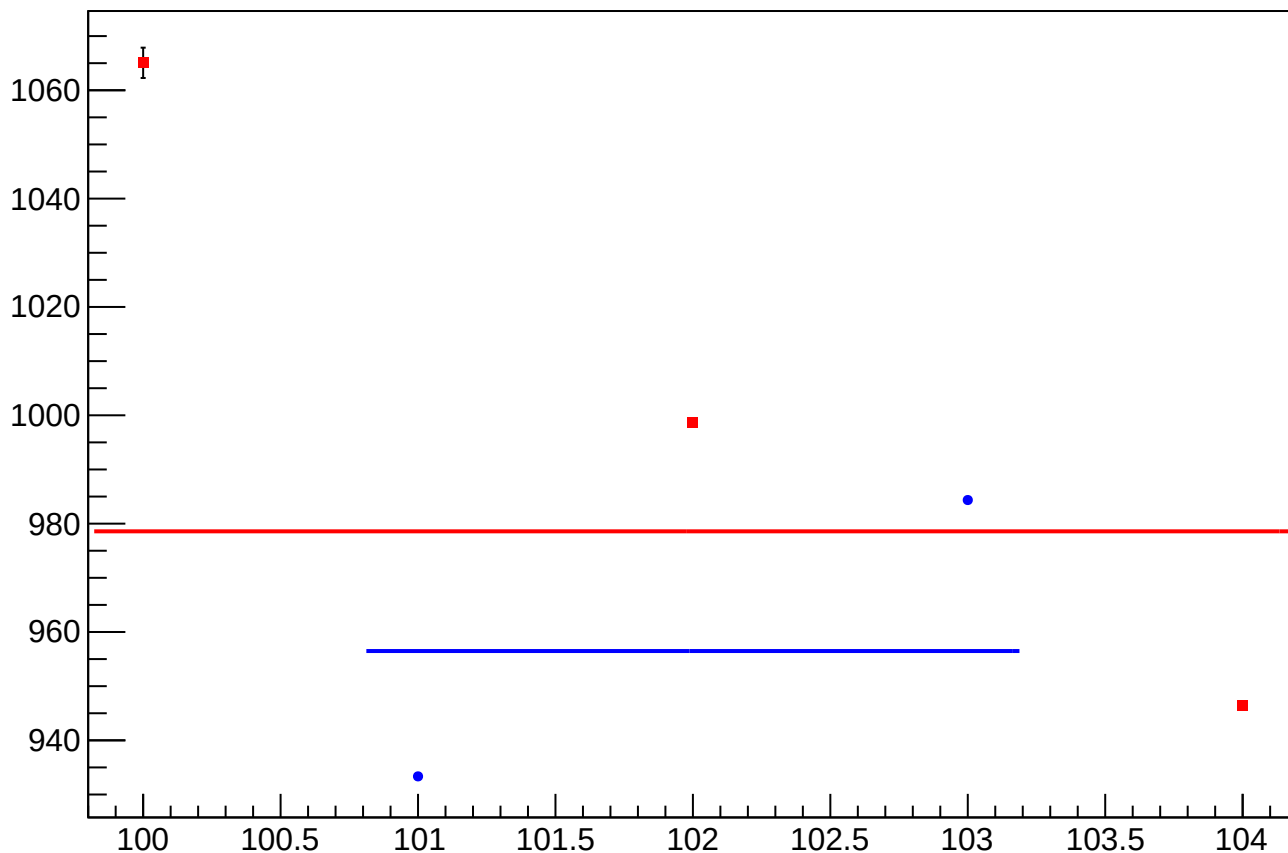
Right: 453.053+/-612.440 χ^2/NDF : 13.5/4

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.053+/-612.440 χ^2/NDF : 13.5/4

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: 978.581+/-0.622 χ^2/NDF : 2685.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

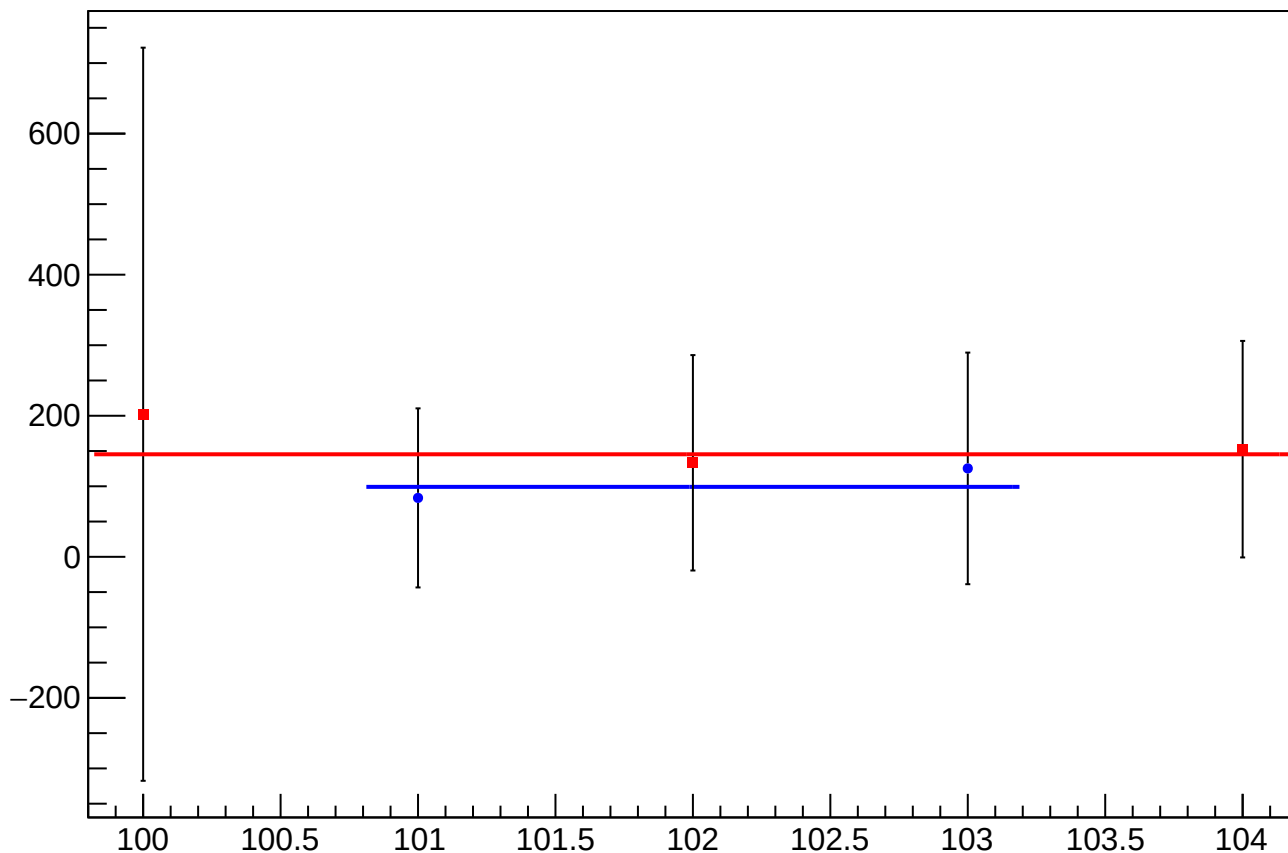
Right: 967.206+/-0.433 χ^2/NDF : 5105.8/4

In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.206+/-0.433 χ^2/NDF : 5105.8/4

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 99.186 $\pm$ 100.427 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.373 $\pm$ 105.980 χ^2 /NDF: 0.0/2

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

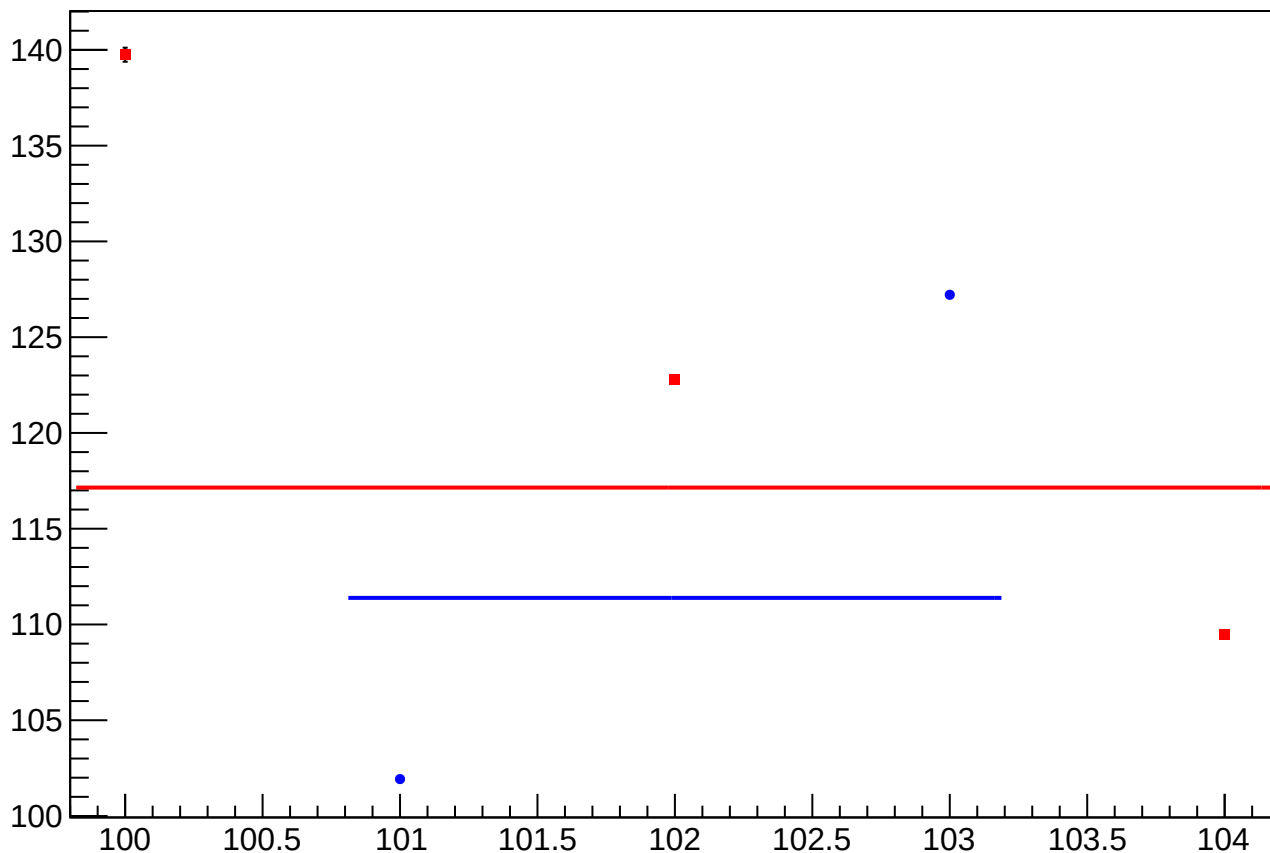
Right: 121.038 $\pm$ 72.897 χ^2 /NDF: 0.2/4

In: 99.186 $\pm$ 100.427 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.038 $\pm$ 72.897 χ^2 /NDF: 0.2/4

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: 117.148+/-0.075 χ^2/NDF : 11514.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

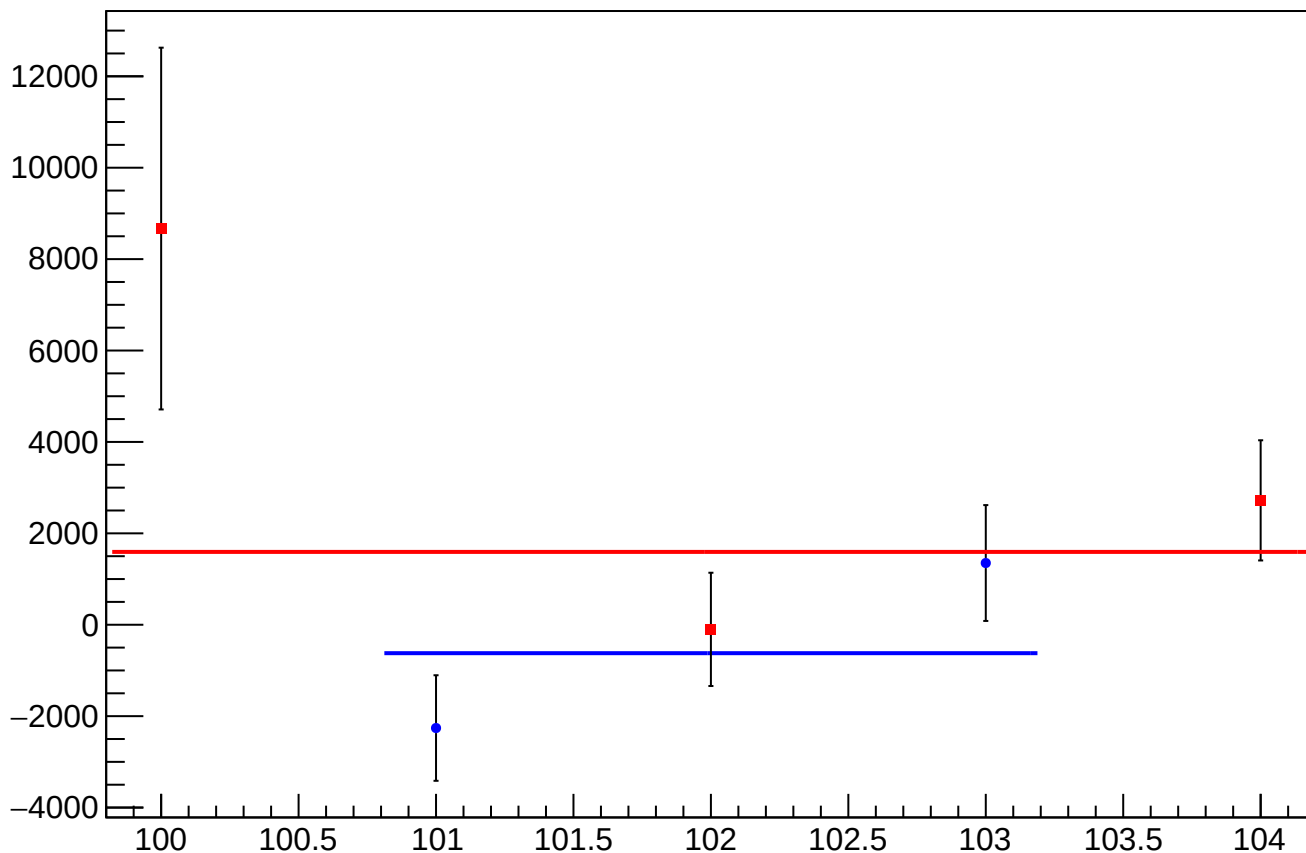
Right: 114.114+/-0.052 χ^2/NDF : 44314.5/4

In: 111.388+/-0.071 χ^2/NDF : 29687.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.114+/-0.052 χ^2/NDF : 44314.5/4

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: 1593.913+/-879.258 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

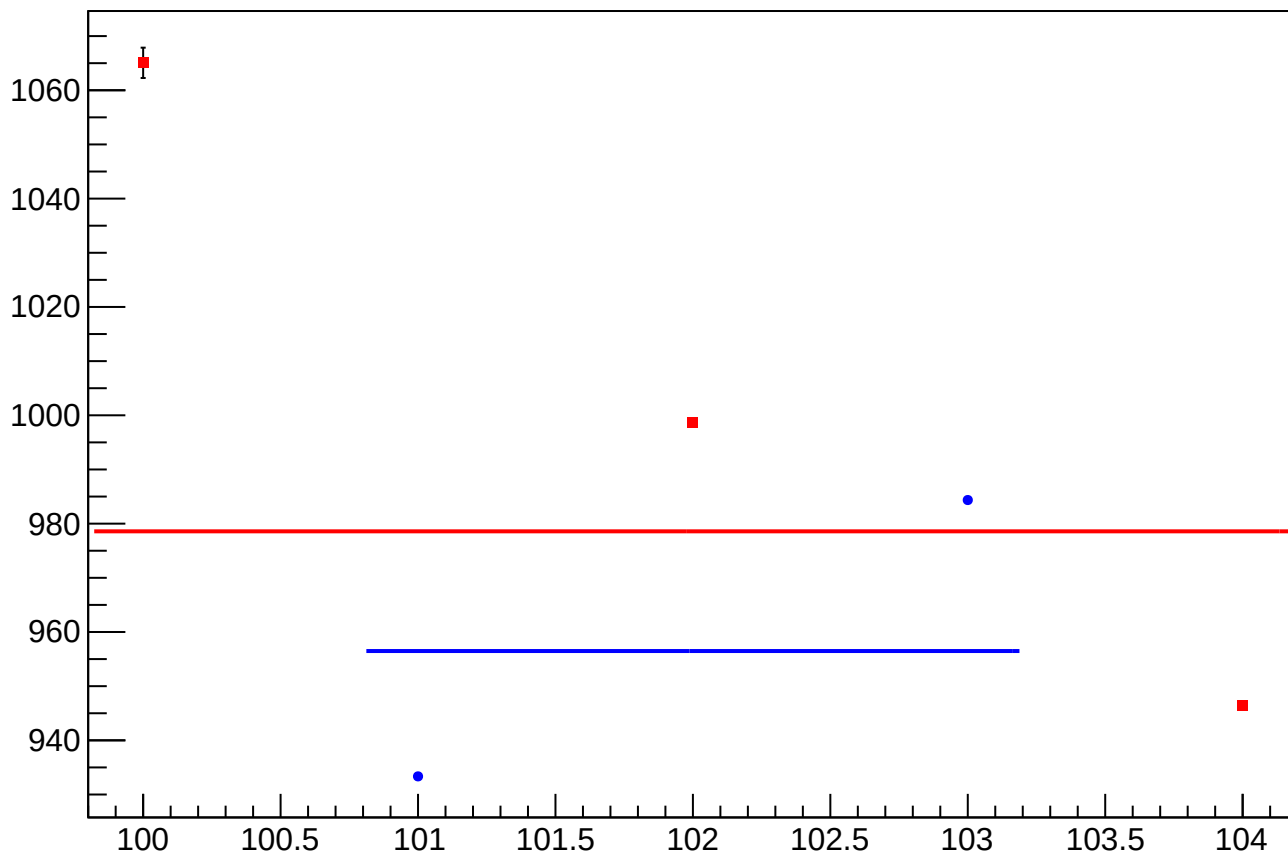
Right: 453.053+/-612.440 χ^2/NDF : 13.5/4

In: -622.086+/-853.557 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 453.053+/-612.440 χ^2/NDF : 13.5/4

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: 978.581+/-0.622 χ^2/NDF : 2685.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

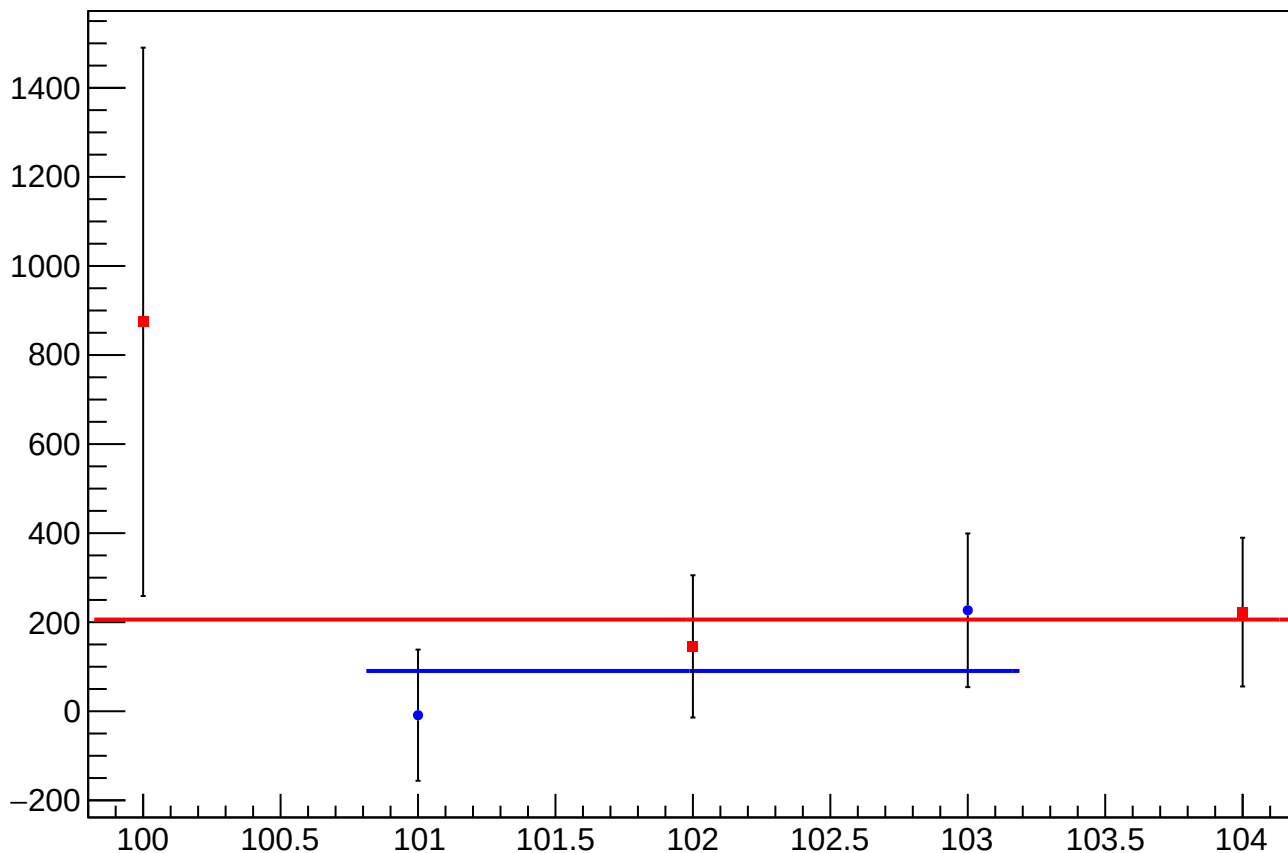
Right: 967.206+/-0.433 χ^2/NDF : 5105.8/4

In: 956.486+/-0.604 χ^2/NDF : 1770.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.206+/-0.433 χ^2/NDF : 5105.8/4

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.493+/-112.034 χ^2/NDF : 1.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.946+/-113.455 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

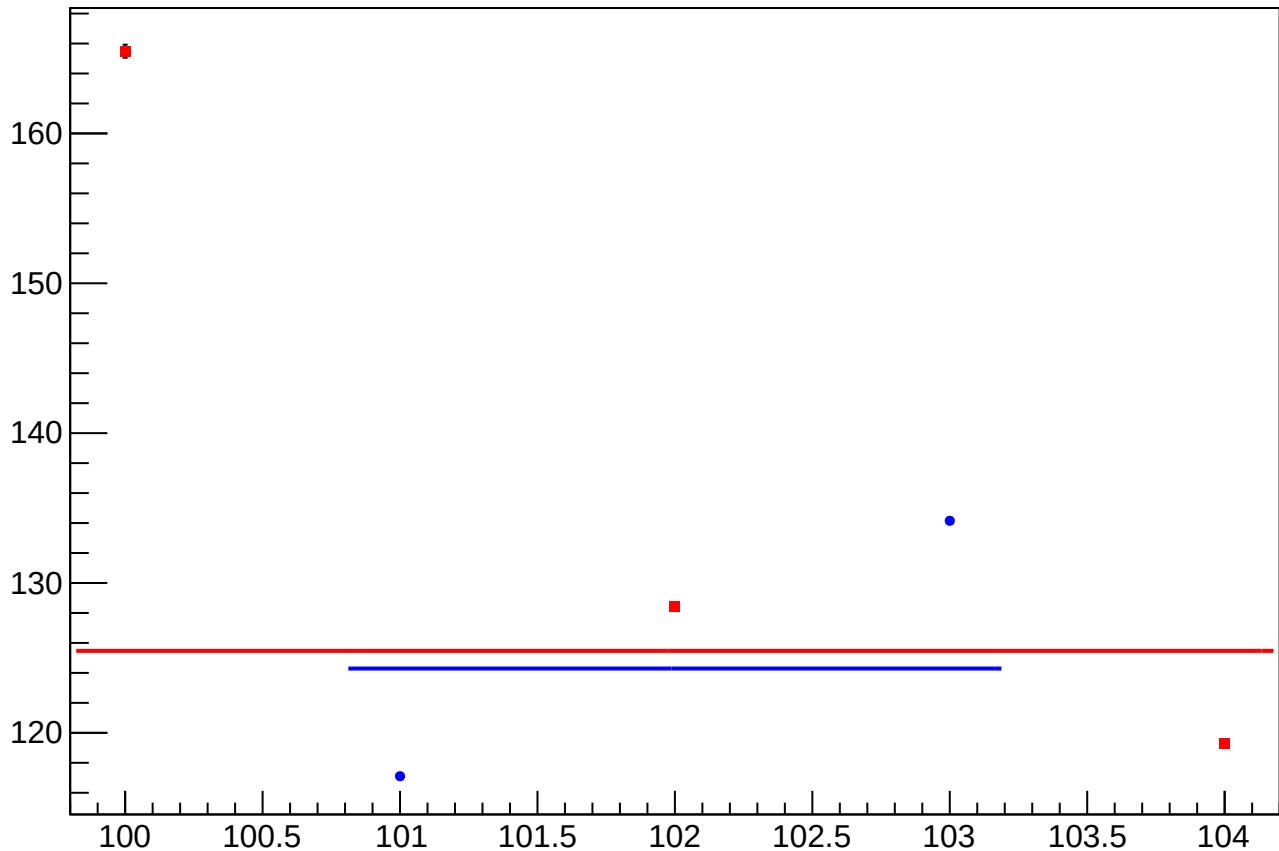
Right: 147.492+/-79.718 χ^2/NDF : 2.9/4

In: 90.493+/-112.034 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.492+/-79.718 χ^2/NDF : 2.9/4

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: 125.470+/-0.080 χ^2/NDF : 11918.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

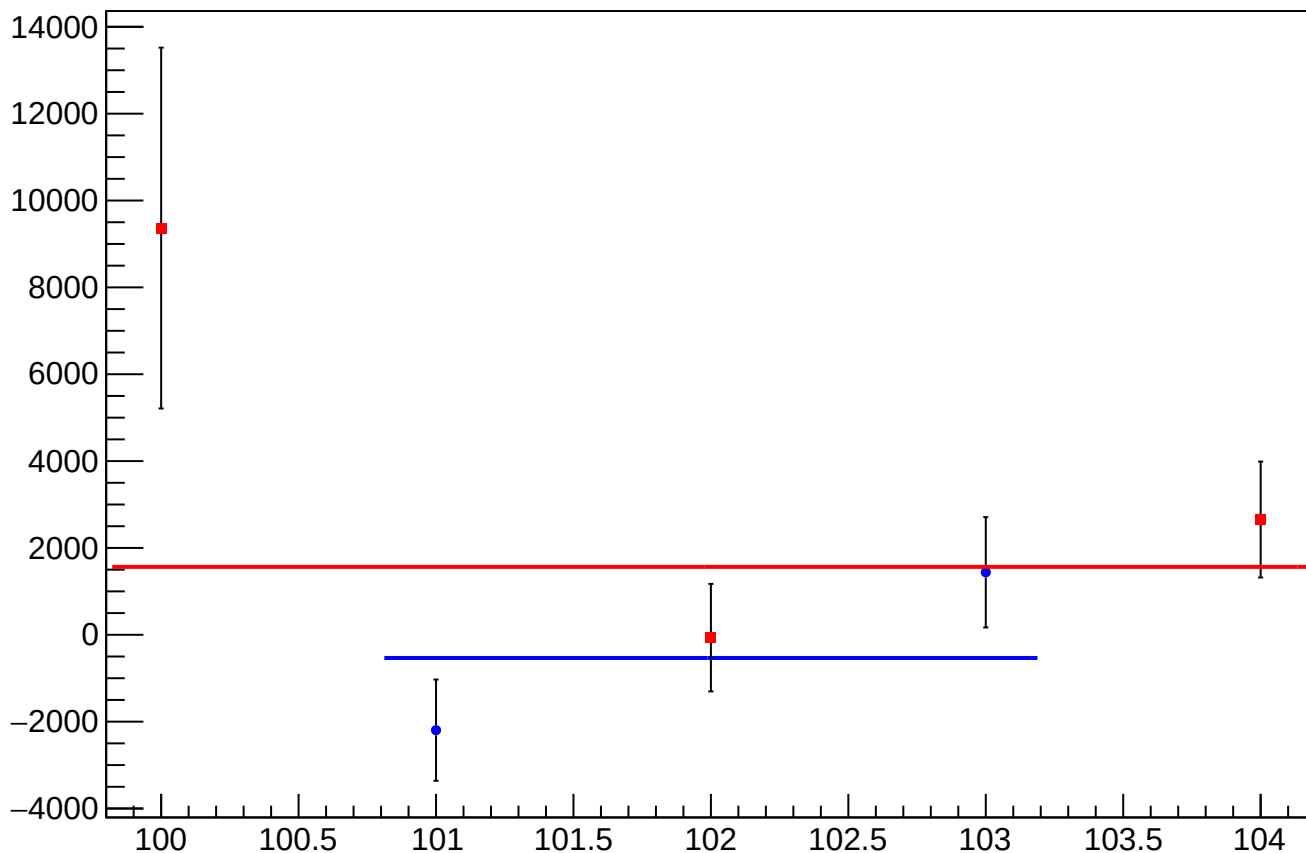
Right: 124.873+/-0.056 χ^2/NDF : 23319.7/4

In: 124.291+/-0.079 χ^2/NDF : 11291.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.873+/-0.056 χ^2/NDF : 23319.7/4

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: 1564.193+/-886.558 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

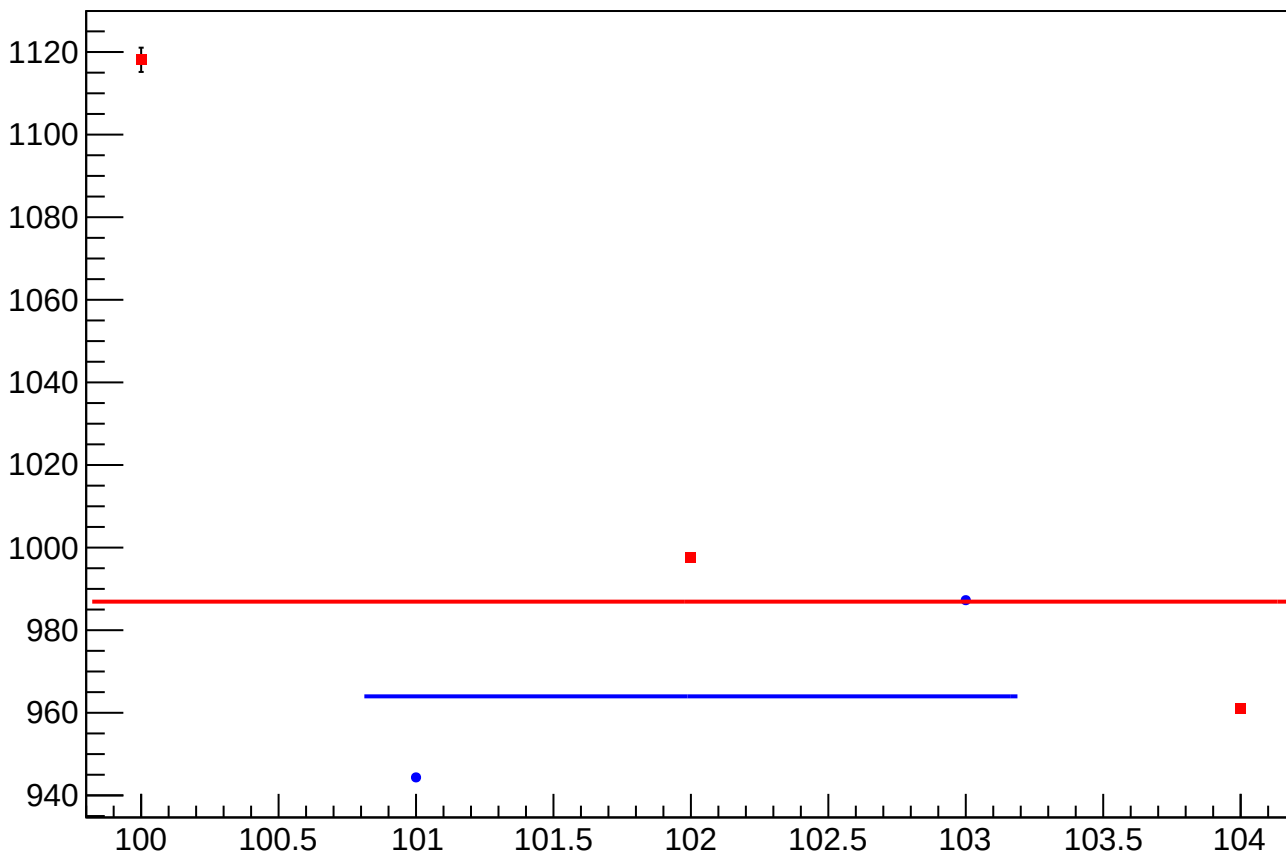
Right: 481.986+/-616.852 χ^2/NDF : 13.3/4

In: -533.570+/-858.824 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.986+/-616.852 χ^2/NDF : 13.3/4

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.980 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 986.914 ± 0.627 $\chi^2/\text{NDF}: 2897.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

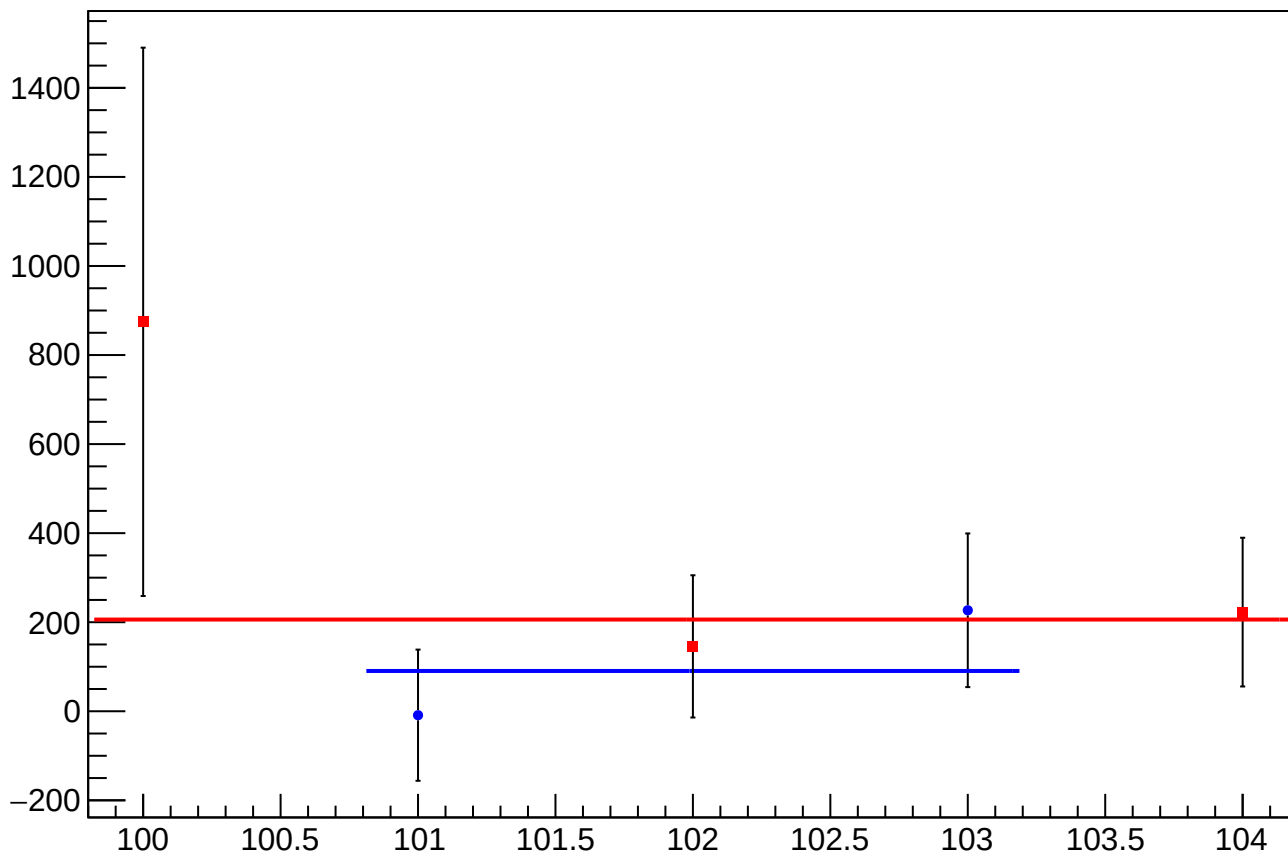
Right: 975.083 ± 0.436 $\chi^2/\text{NDF}: 4827.2/4$

In: 963.980 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 975.083 ± 0.436 $\chi^2/\text{NDF}: 4827.2/4$

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 90.494 $\pm$ 112.034 χ^2 /NDF: 1.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 205.945 $\pm$ 113.455 χ^2 /NDF: 1.3/2

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

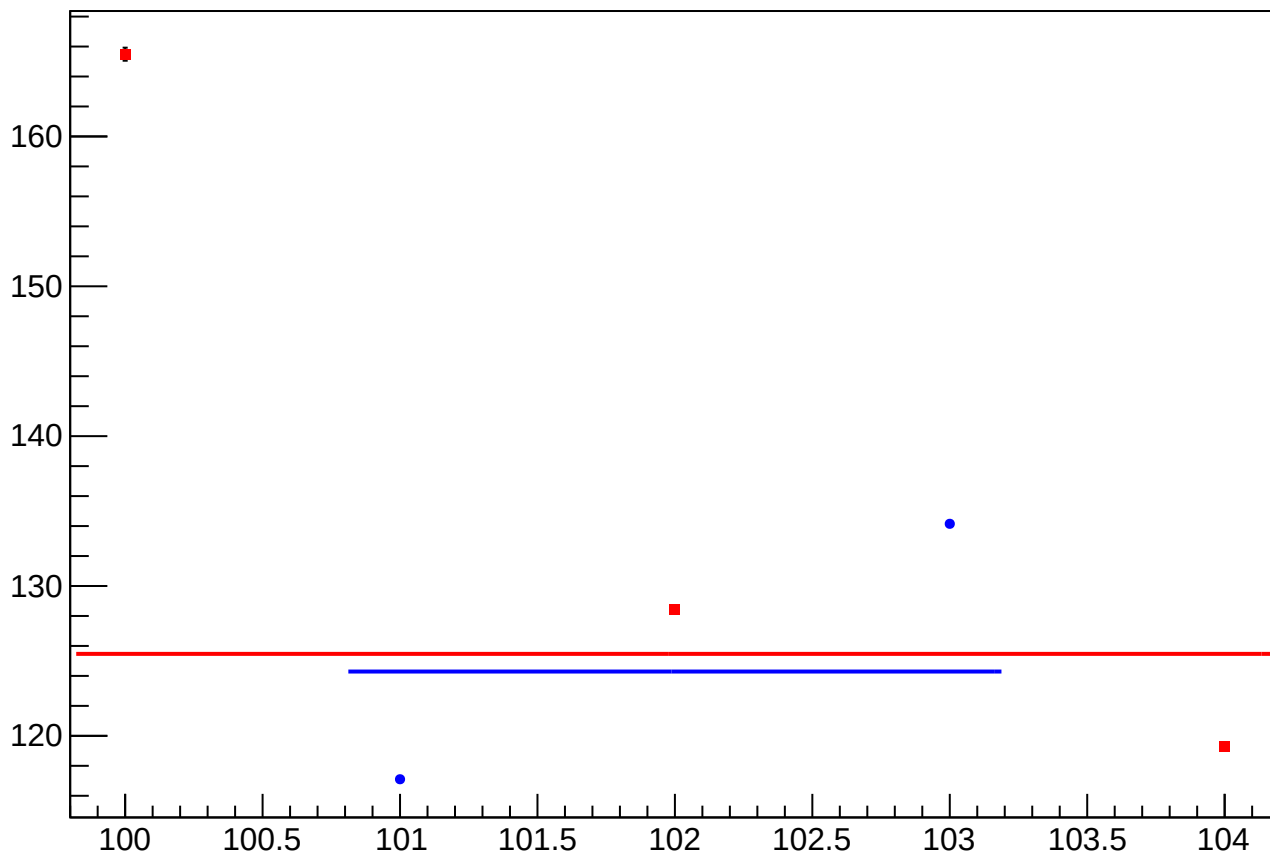
Right: 147.492 $\pm$ 79.718 χ^2 /NDF: 2.9/4

In: 90.494 $\pm$ 112.034 χ^2 /NDF: 1.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.492 $\pm$ 79.718 χ^2 /NDF: 2.9/4

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: 125.470 $\pm$ 0.080 χ^2 /NDF: 11918.6/2

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

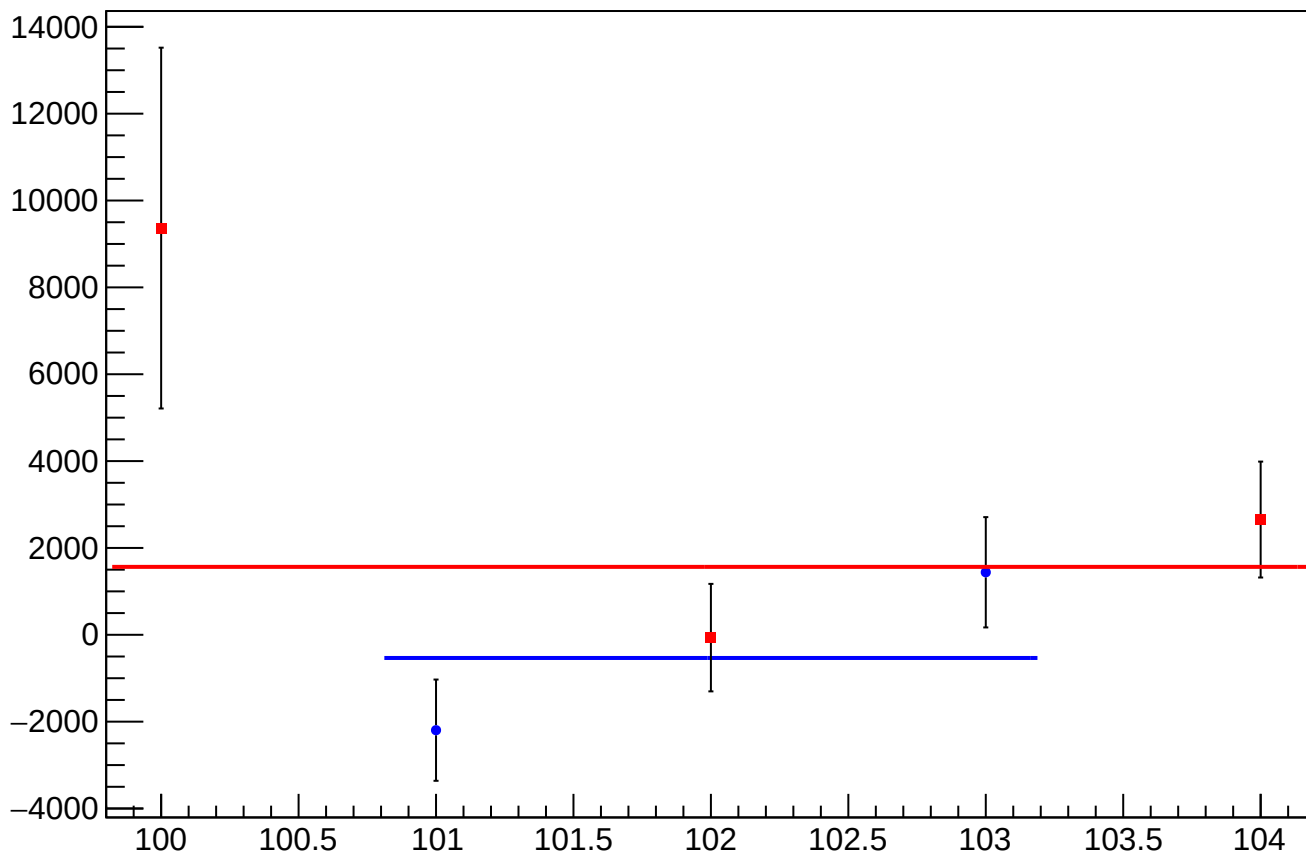
Right: 124.874 $\pm$ 0.056 χ^2 /NDF: 23318.7/4

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: 124.874 $\pm$ 0.056 χ^2 /NDF: 23318.7/4

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: 1564.194+/-886.559 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

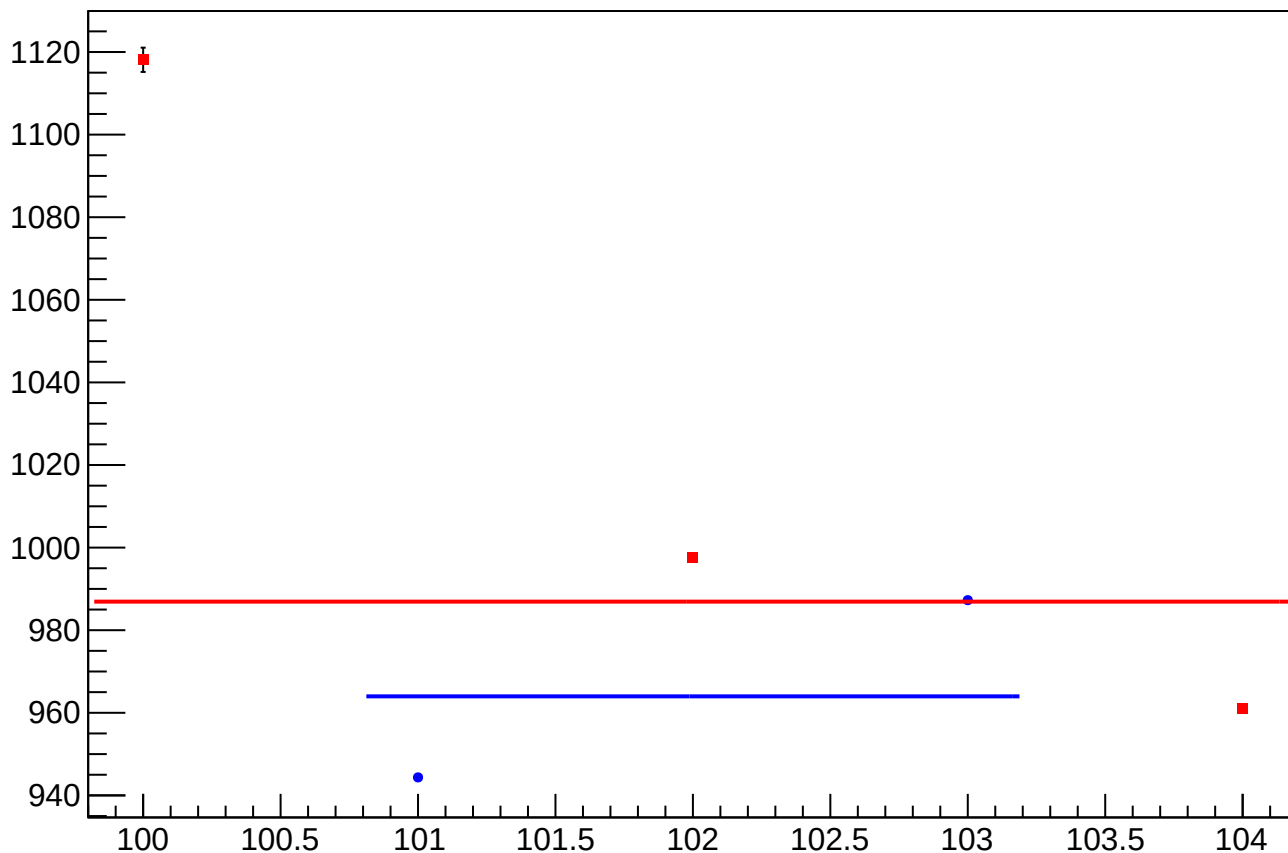
Right: 481.986+/-616.853 χ^2/NDF : 13.3/4

In: -533.572+/-858.825 χ^2/NDF :4.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 481.986+/-616.853 χ^2/NDF : 13.3/4

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 963.982 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 986.916 ± 0.627 $\chi^2/\text{NDF}: 2897.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

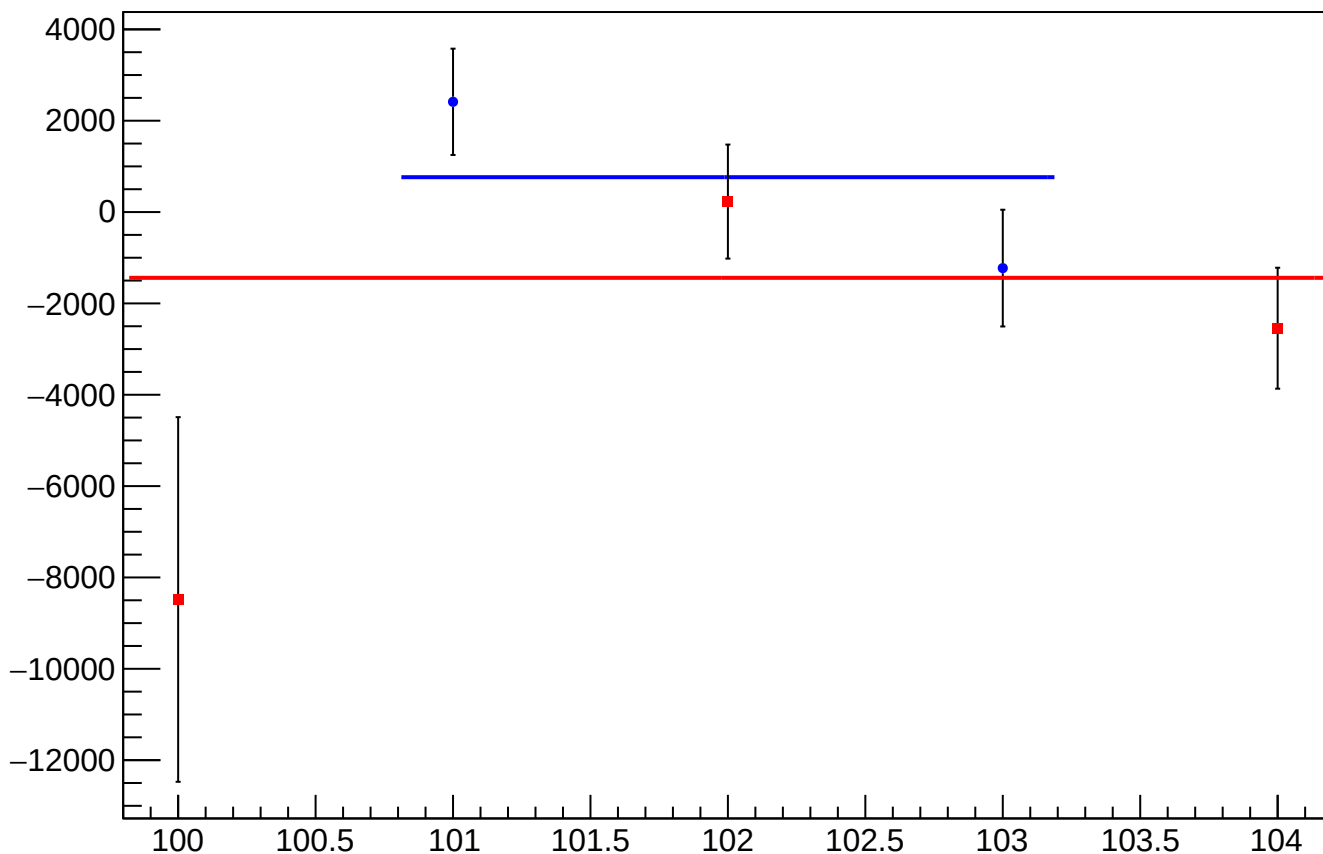
Right: 975.085 ± 0.436 $\chi^2/\text{NDF}: 4827.2/4$

In: 963.982 ± 0.607 $\chi^2/\text{NDF}: 1239.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 975.085 ± 0.436 $\chi^2/\text{NDF}: 4827.2/4$

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: -1439.878+/-885.710 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

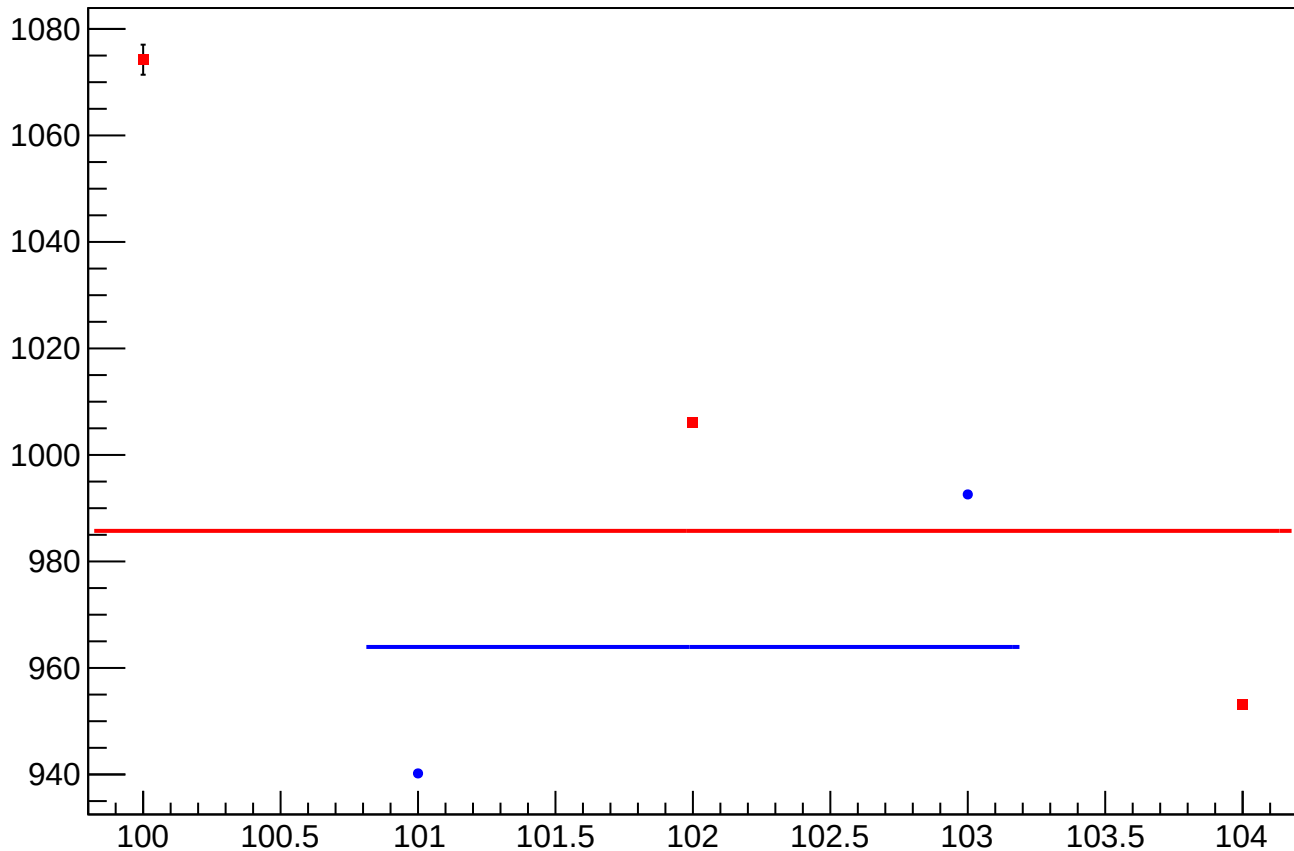
Right: -306.315+/-617.152 χ^2/NDF : 13.2/4

In: 763.414+/-860.410 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.315+/-617.152 χ^2/NDF : 13.2/4

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 963.943 ± 0.608 $\chi^2/\text{NDF}: 1837.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 985.742 ± 0.626 $\chi^2/\text{NDF}: 2729.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

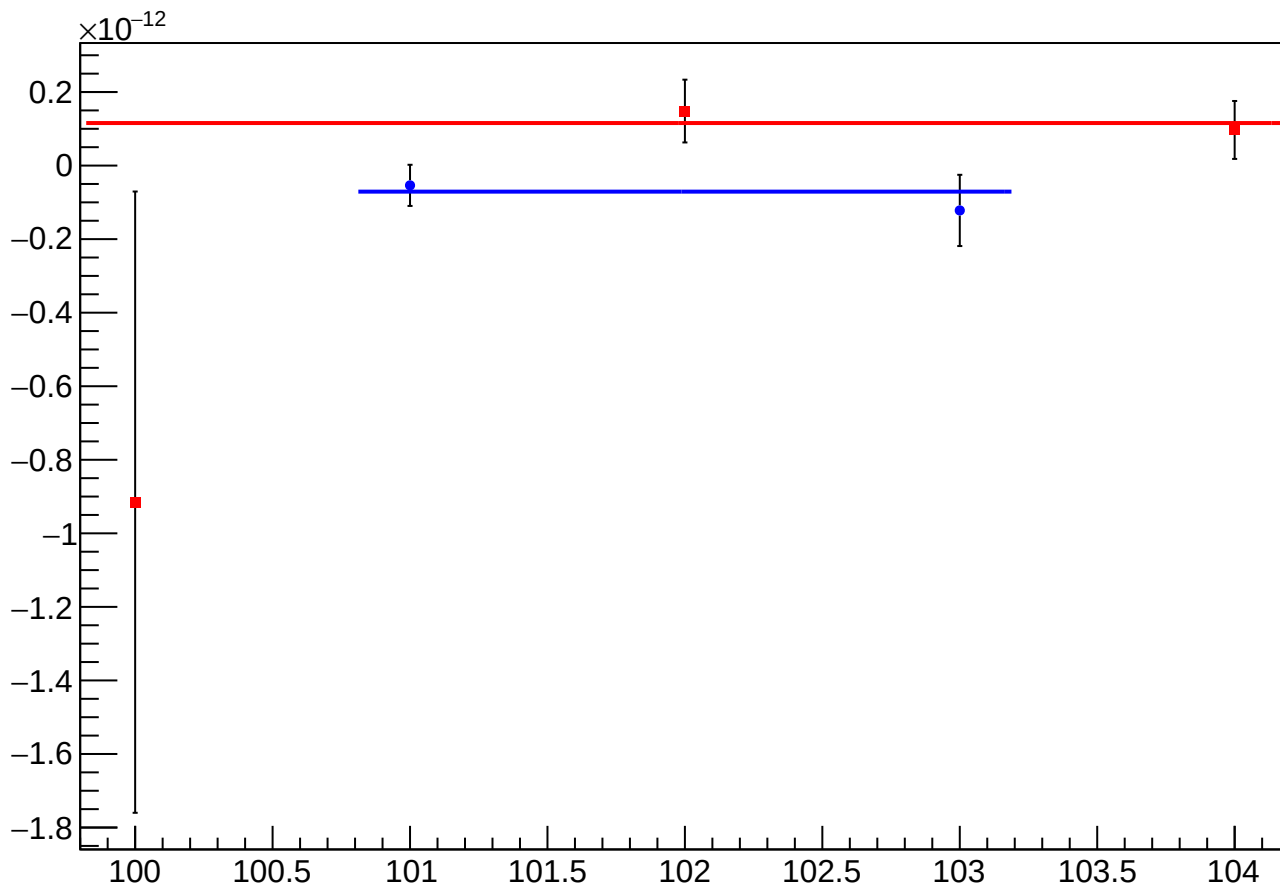
Right: 974.527 ± 0.436 $\chi^2/\text{NDF}: 5190.3/4$

In: 963.943 ± 0.608 $\chi^2/\text{NDF}: 1837.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 974.527 ± 0.436 $\chi^2/\text{NDF}: 5190.3/4$

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: 1.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

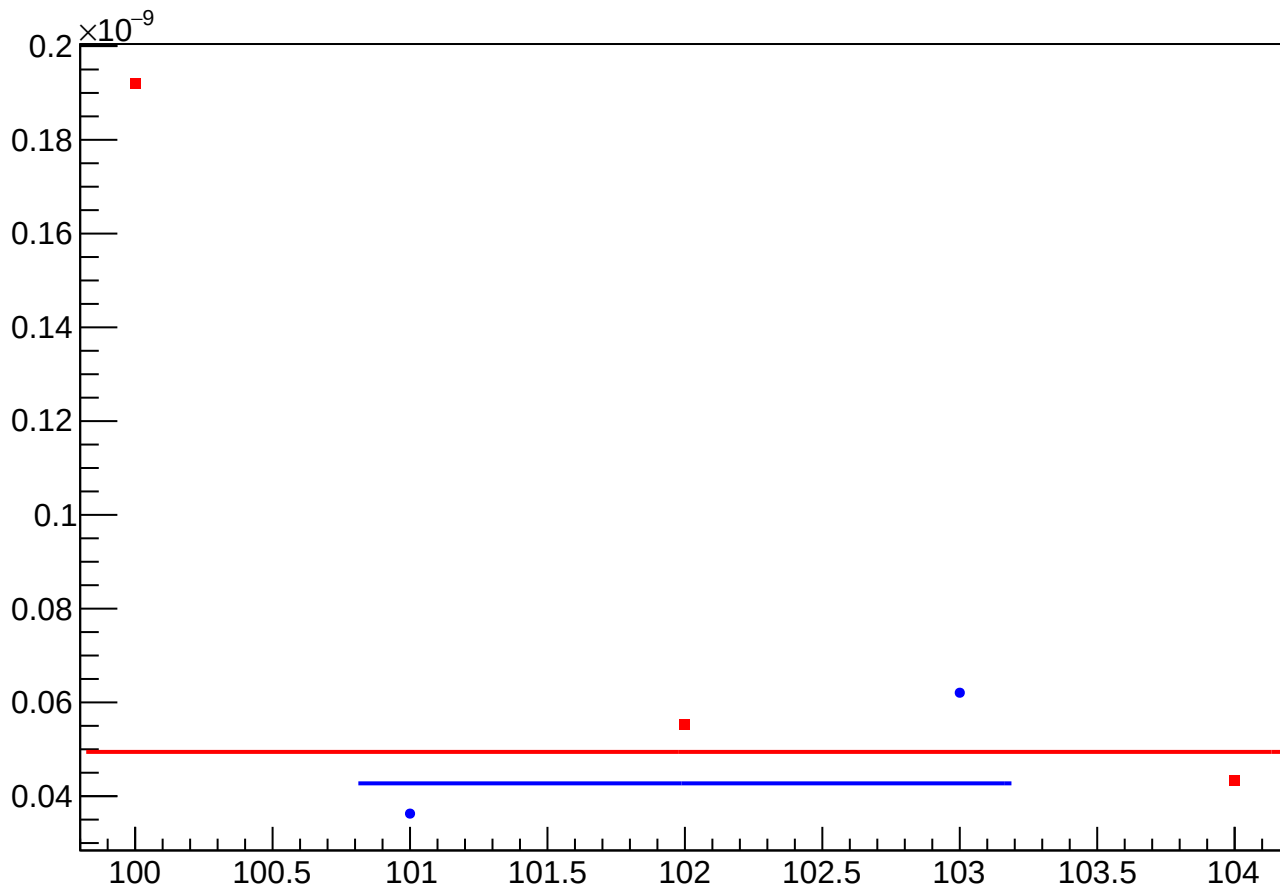
Right: 0.000+/-0.000 χ^2 /NDF: 8.2/4

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: 8.2/4

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 : 78557.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

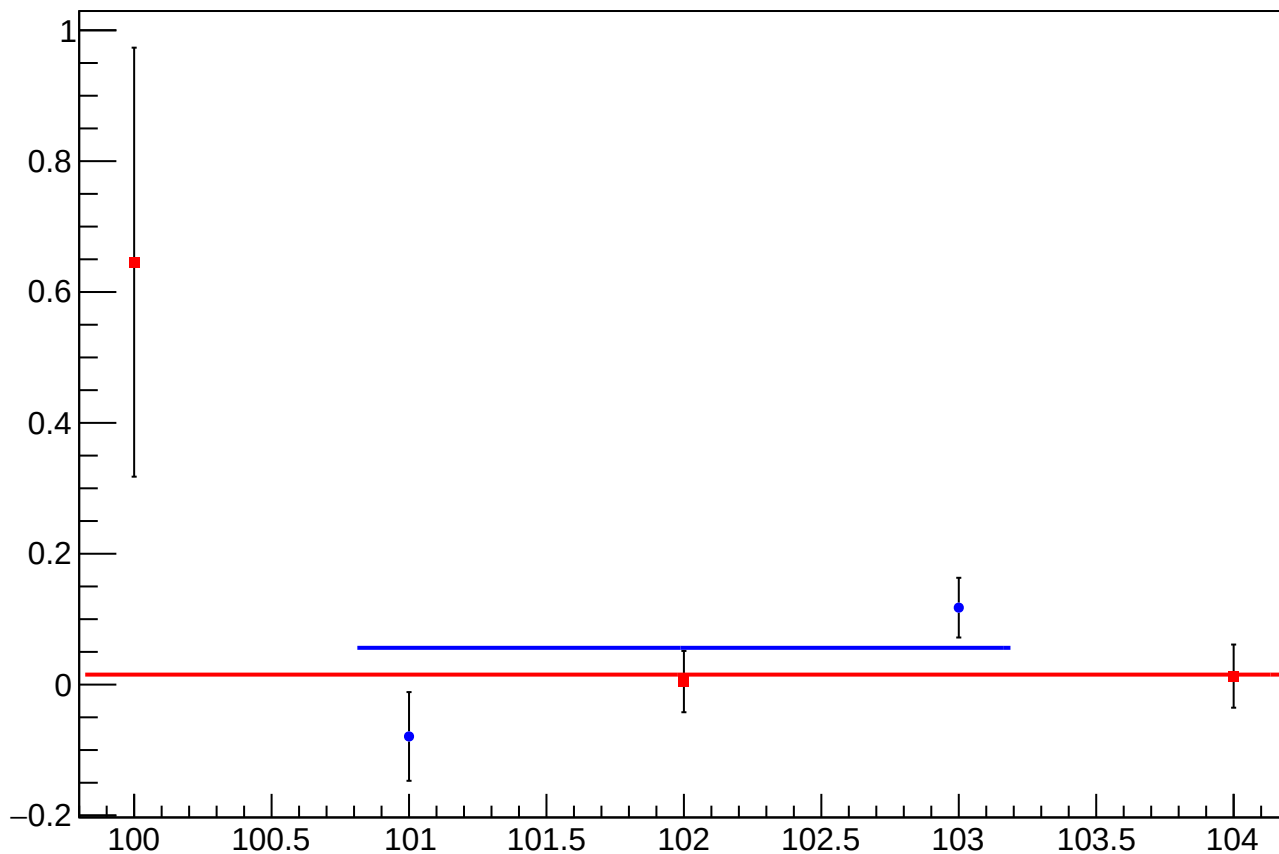
Right: 0.000+/-0.000 χ^2/NDF : 200685.0/4

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 : 200685.0/4

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.033 χ^2 /NDF: 3.8/2

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

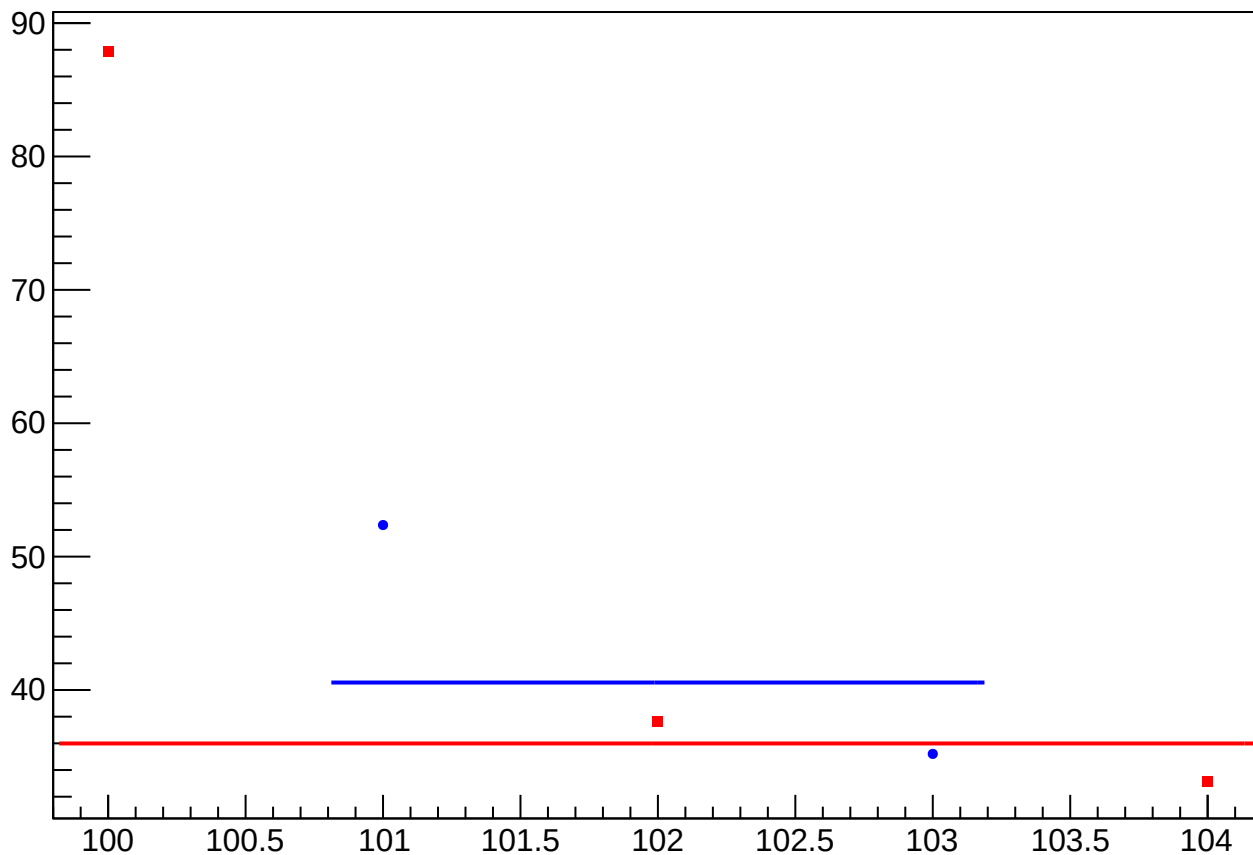
Right: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.991+/-0.024 χ^2/NDF : 59356.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

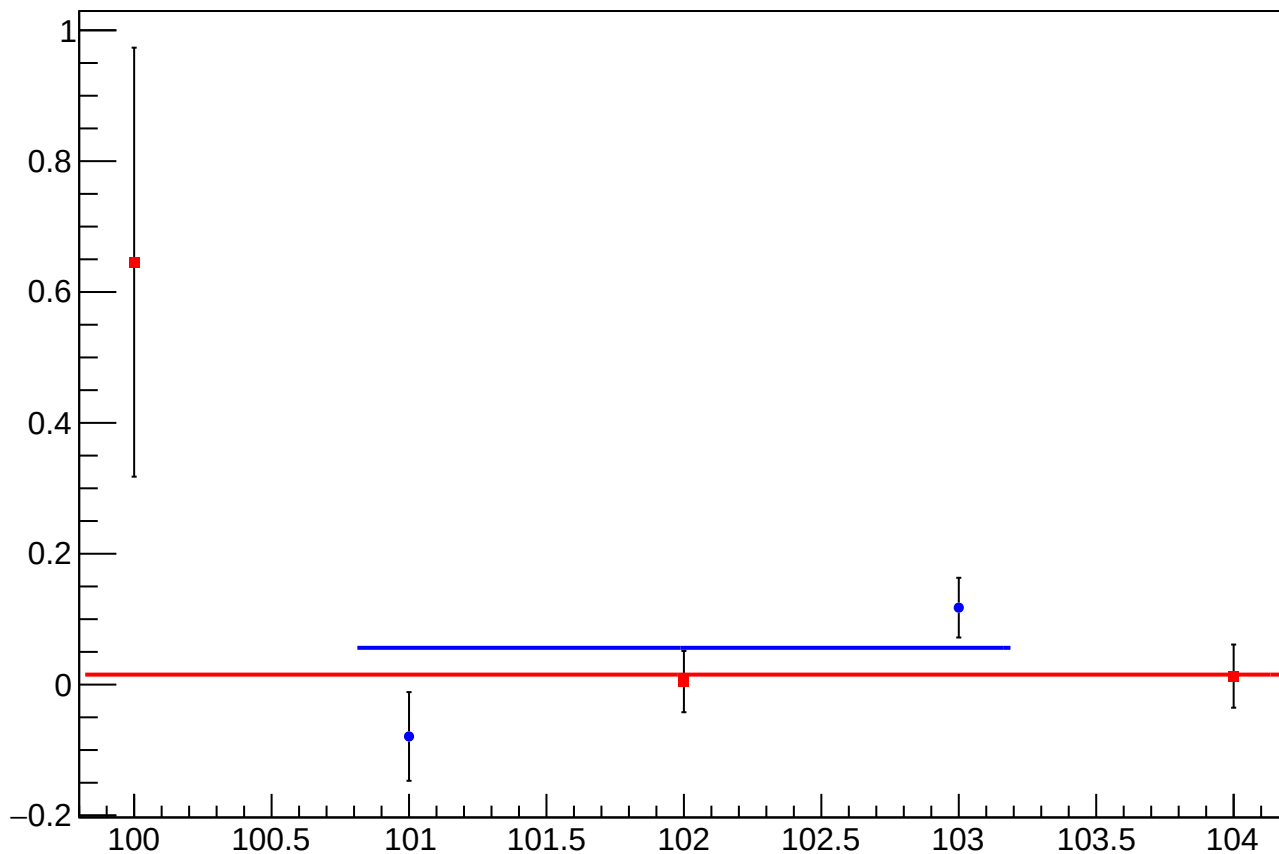
Right: 37.993+/-0.018 χ^2/NDF : 163903.7/4

In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.993+/-0.018 χ^2/NDF : 163903.7/4

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.033 χ^2 /NDF: 3.8/2

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

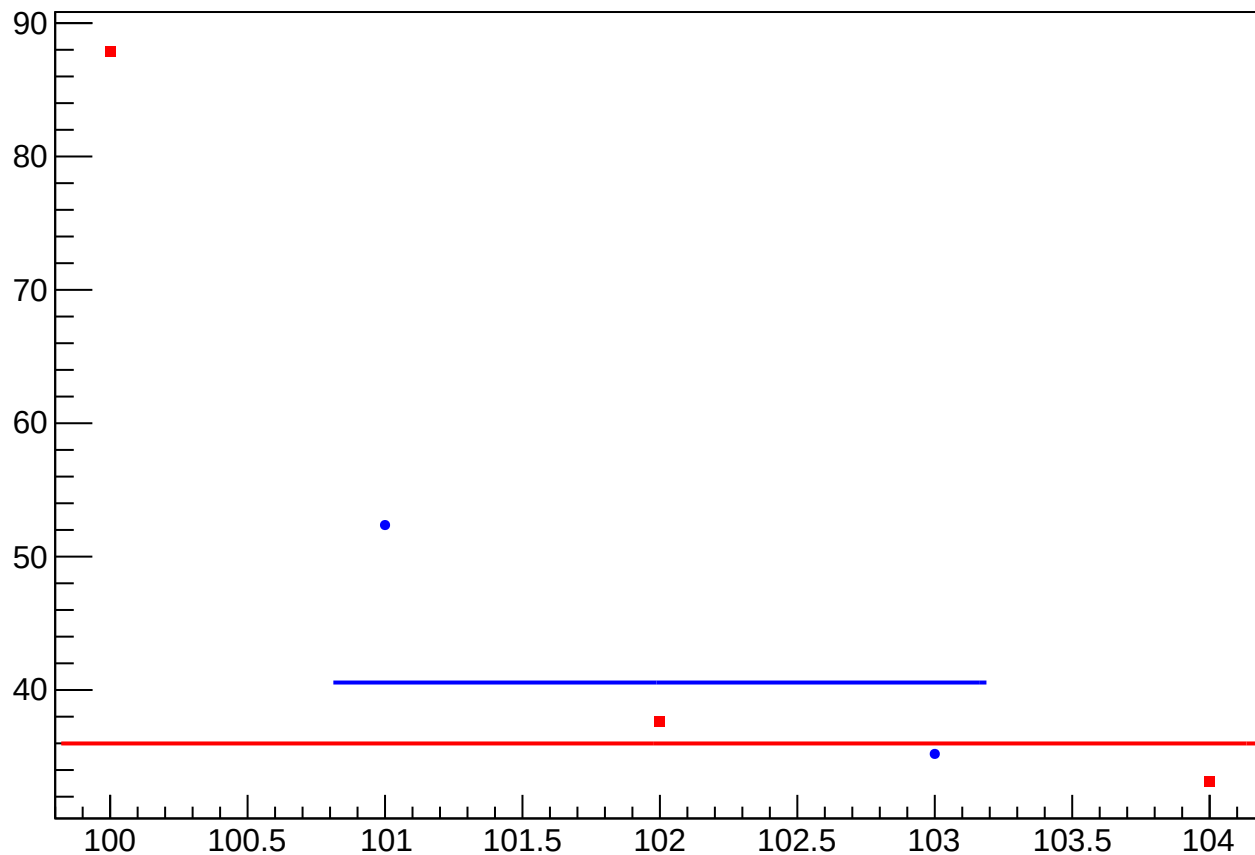
Right: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.991+/-0.024 χ^2/NDF : 59356.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

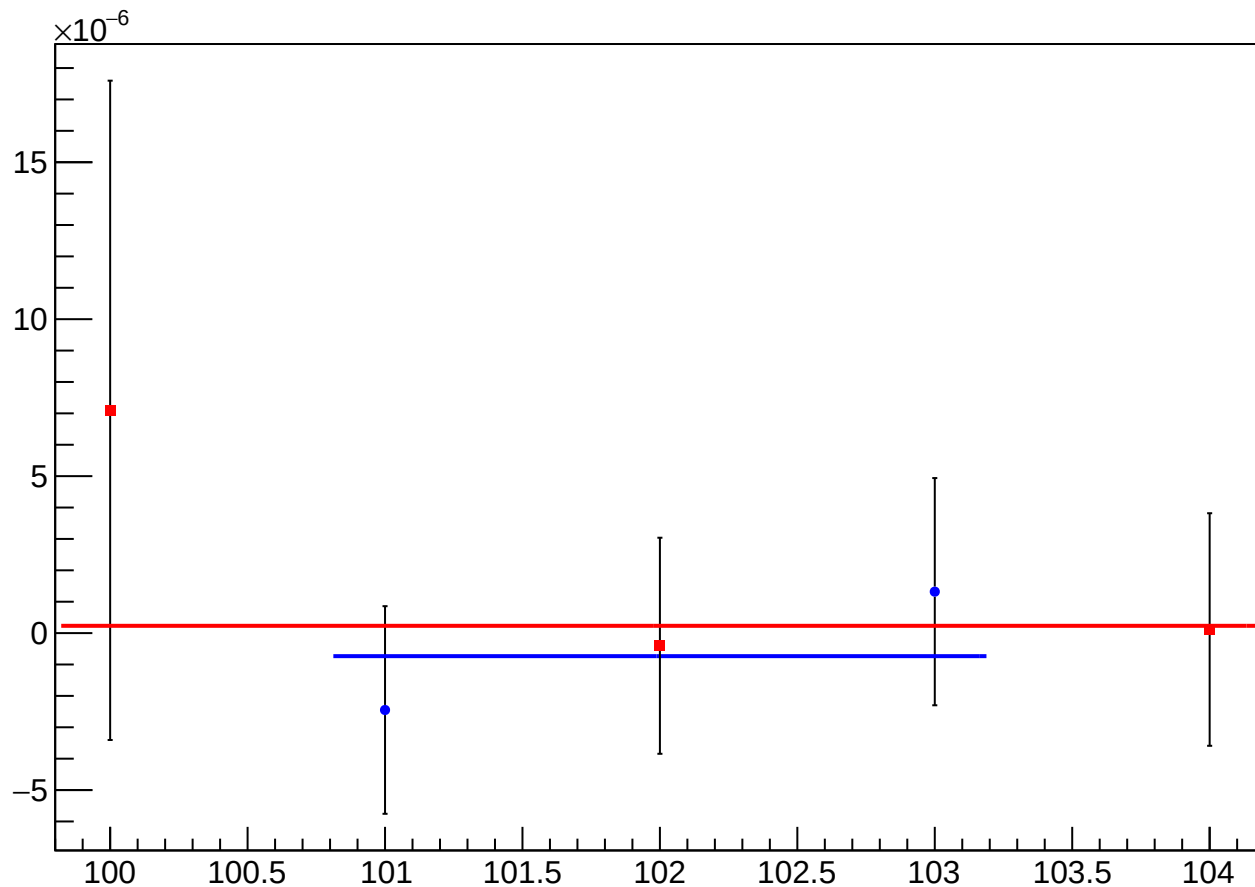
Right: 37.993+/-0.018 χ^2/NDF : 163903.7/4

In: 40.560+/-0.027 χ^2/NDF : 88181.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.993+/-0.018 χ^2/NDF : 163903.7/4

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: 0.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

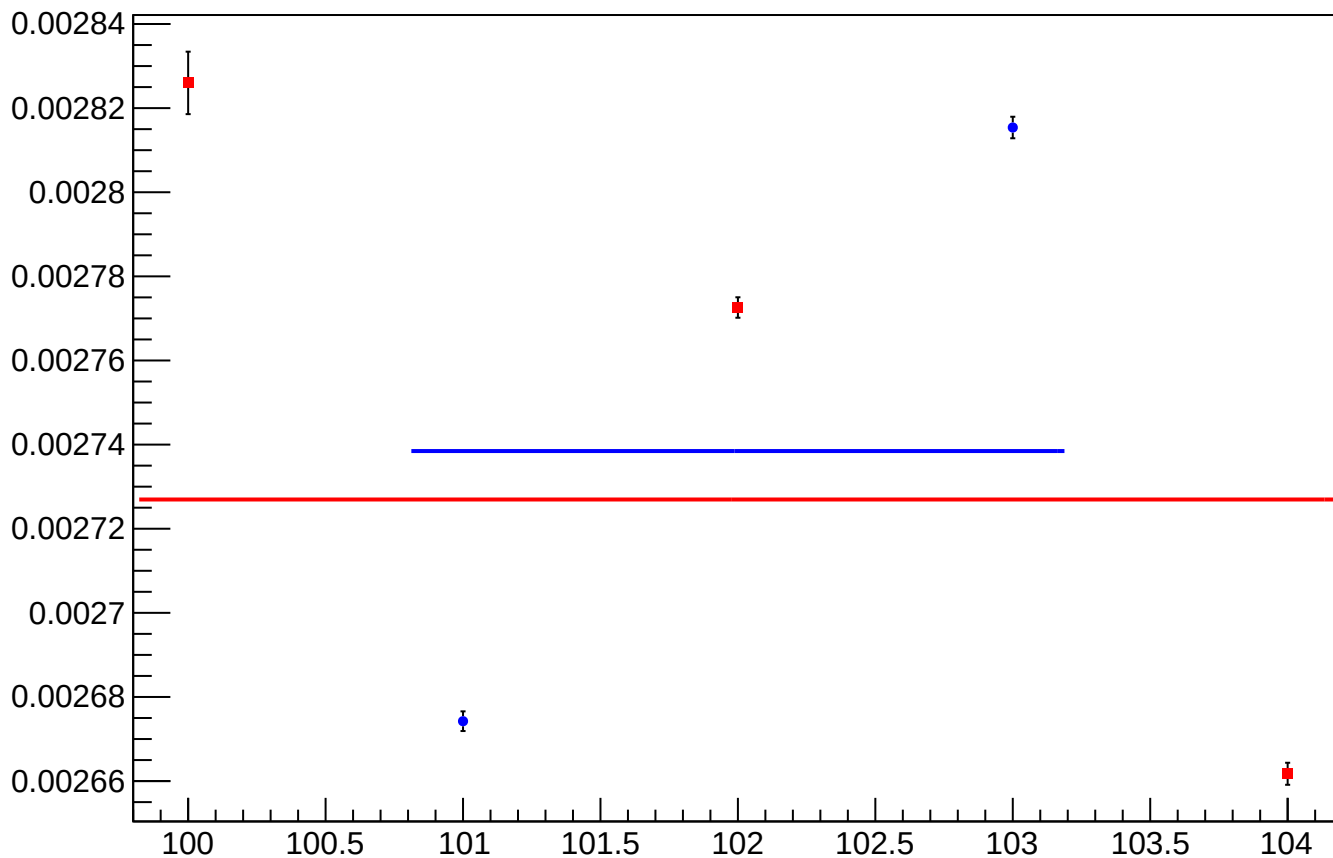
Right: -0.000+/-0.000 χ^2 /NDF: 1.1/4

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: 1.1/4

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: 0.003+/-0.000 χ^2/NDF : 1149.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

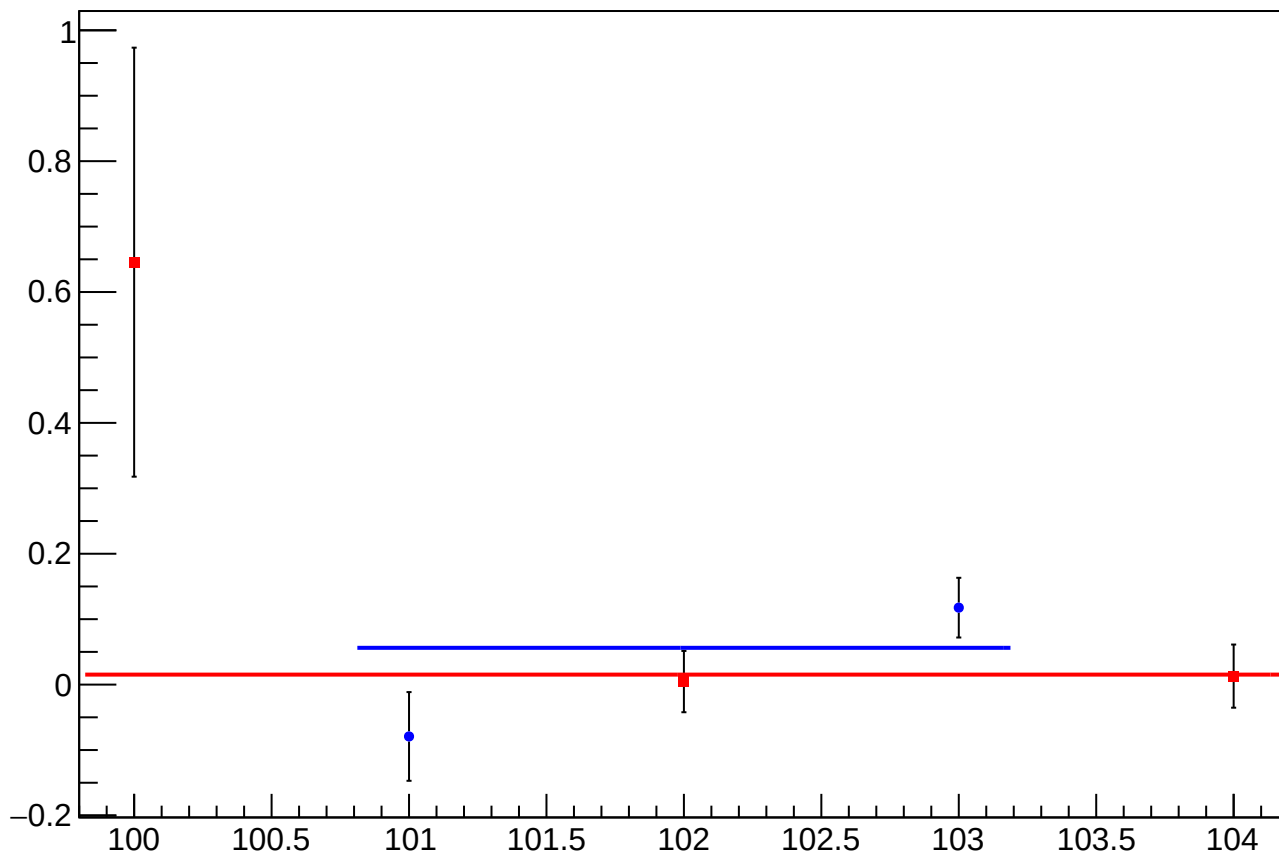
Right: 0.003+/-0.000 χ^2/NDF : 2829.9/4

In: 0.003+/-0.000 χ^2/NDF : 1658.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2829.9/4

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.033 χ^2 /NDF: 3.8/2

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

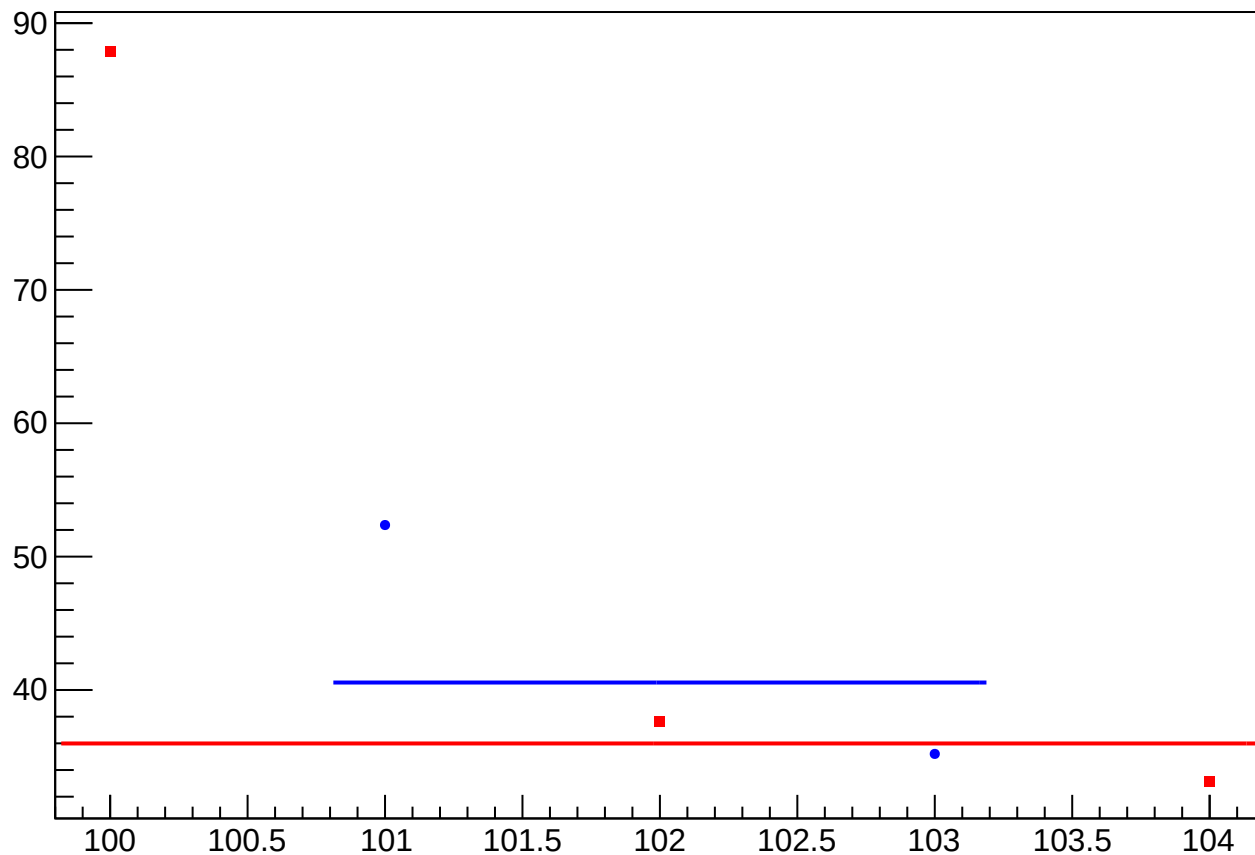
Right: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

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: 35.991 $\pm$ 0.024 χ^2 /NDF: 59360.8/2

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

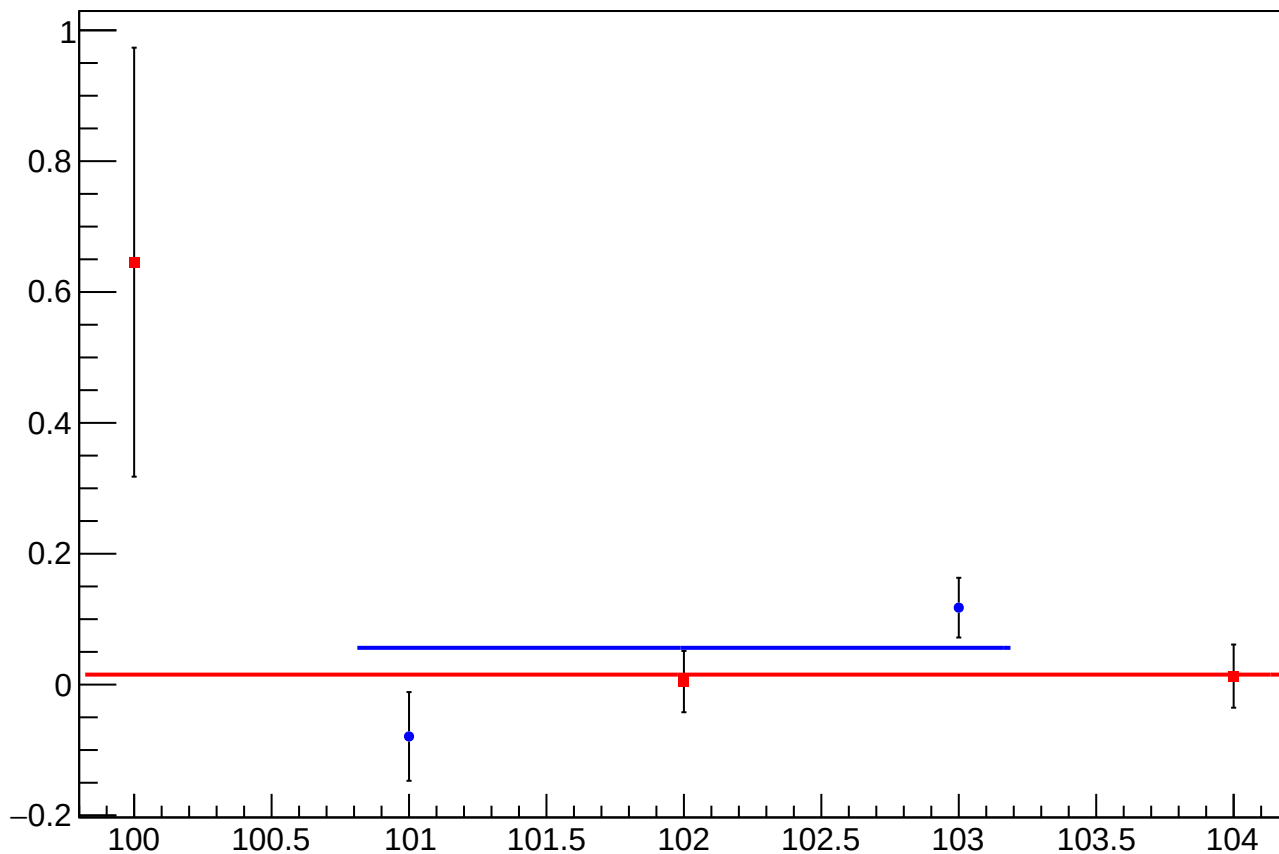
Right: 37.993 $\pm$ 0.018 χ^2 /NDF: 163932.0/4

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: 37.993 $\pm$ 0.018 χ^2 /NDF: 163932.0/4

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.033 χ^2 /NDF: 3.8/2

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

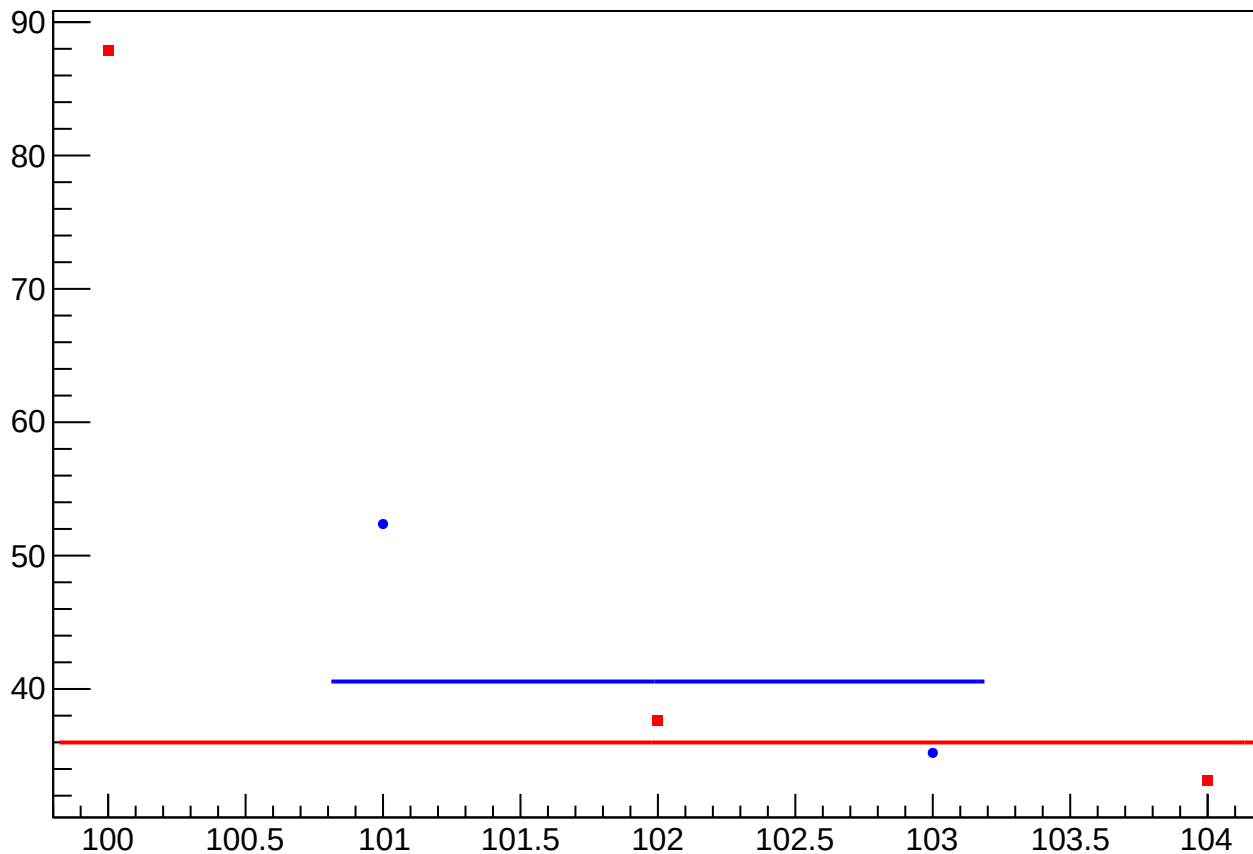
Right: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

In: 0.056 $\pm$ 0.038 χ^2 /NDF: 5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.025 χ^2 /NDF: 10.2/4

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: 35.991 $\pm$ 0.024 χ^2 /NDF: 59360.8/2

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

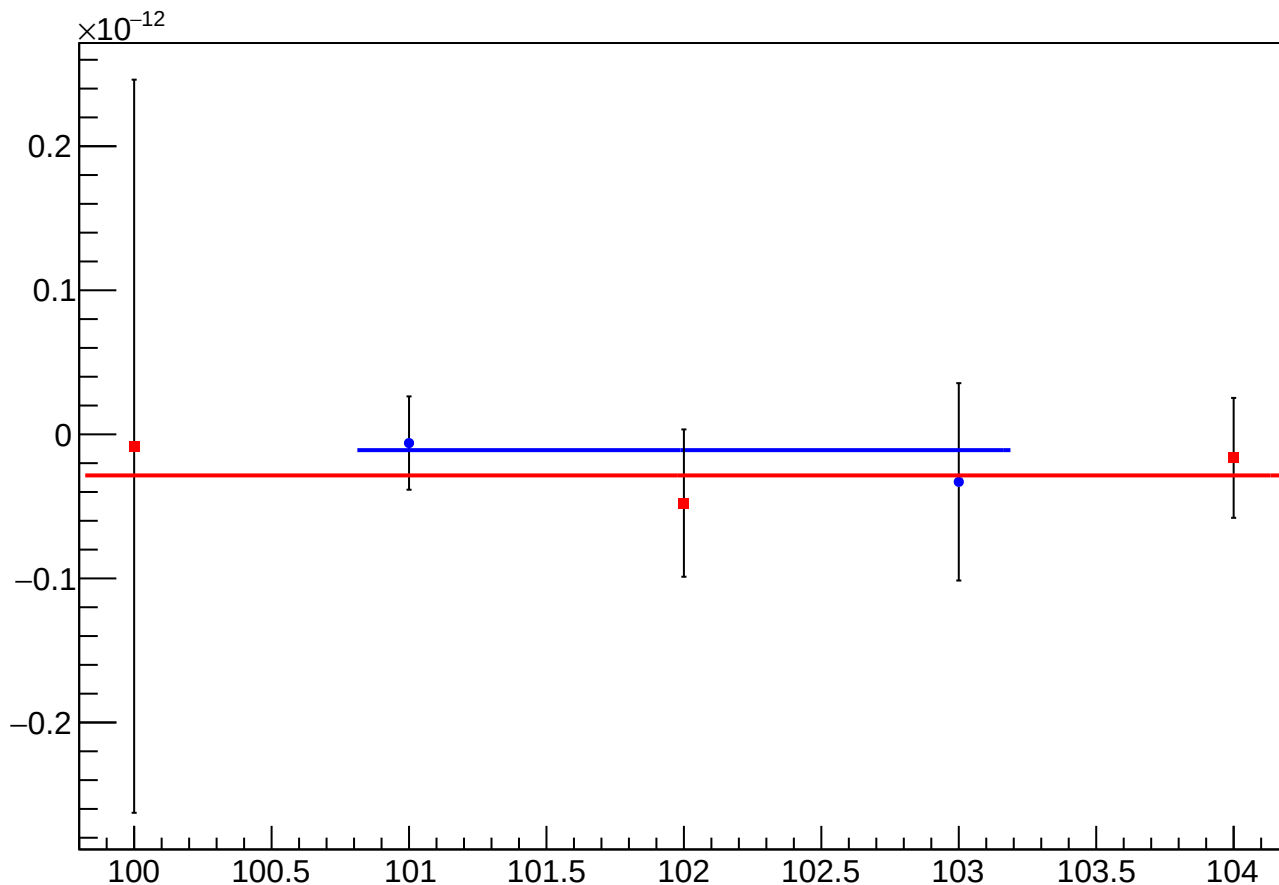
Right: 37.993 $\pm$ 0.018 χ^2 /NDF: 163932.0/4

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: 37.993 $\pm$ 0.018 χ^2 /NDF: 163932.0/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

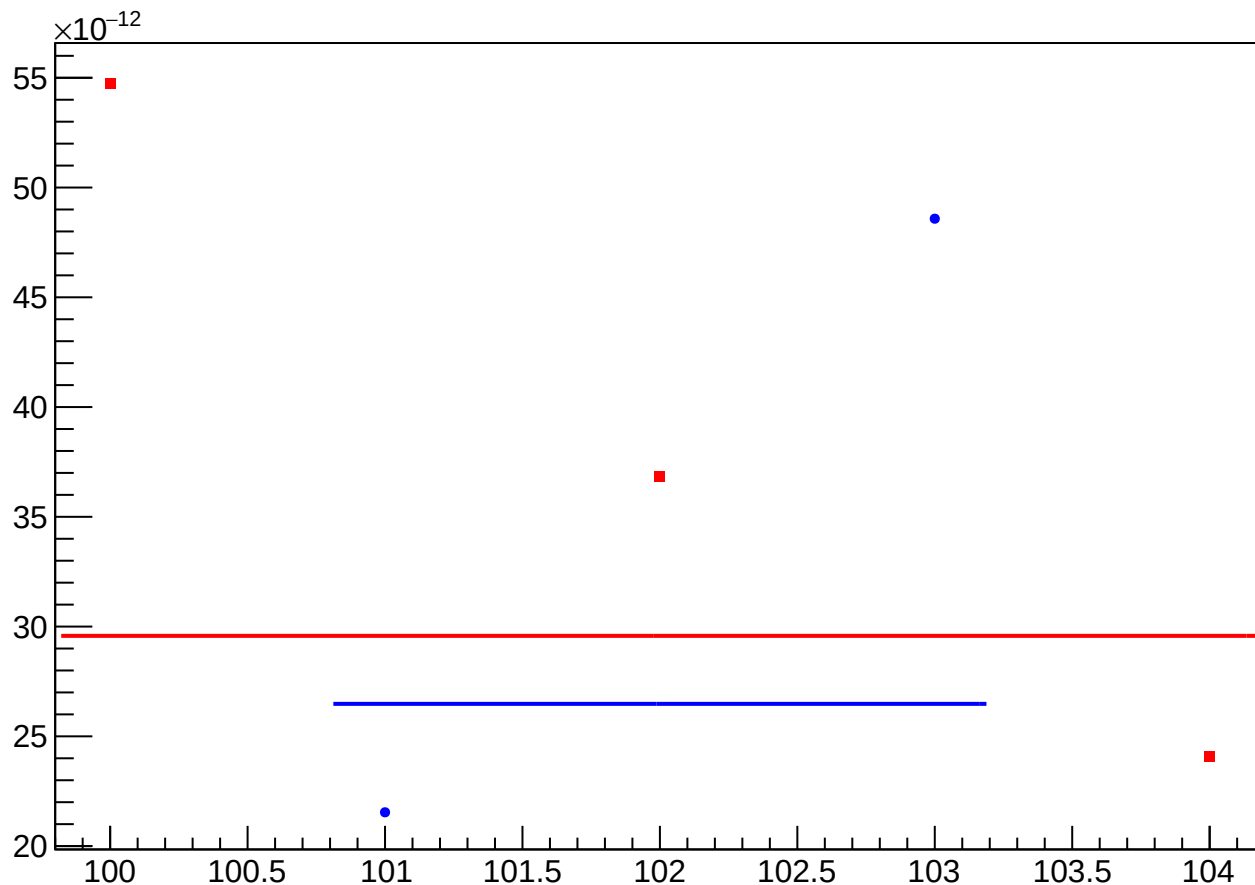
Right: -0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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 : 94917.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

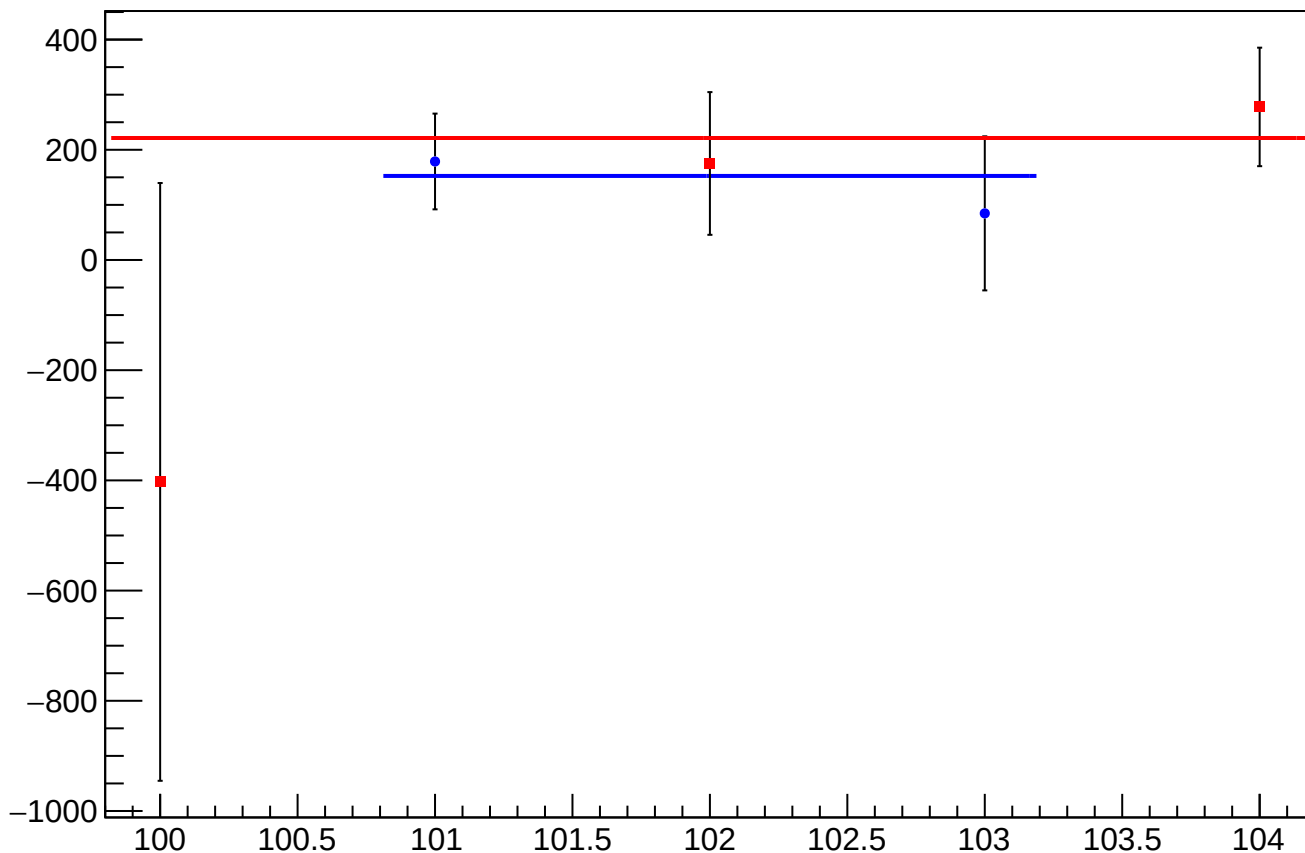
Right: 0.000+/-0.000 χ^2/NDF : 359835.2/4

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 : 359835.2/4

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: 221.382 $\pm$ 81.785 χ^2 /NDF: 1.7/2

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

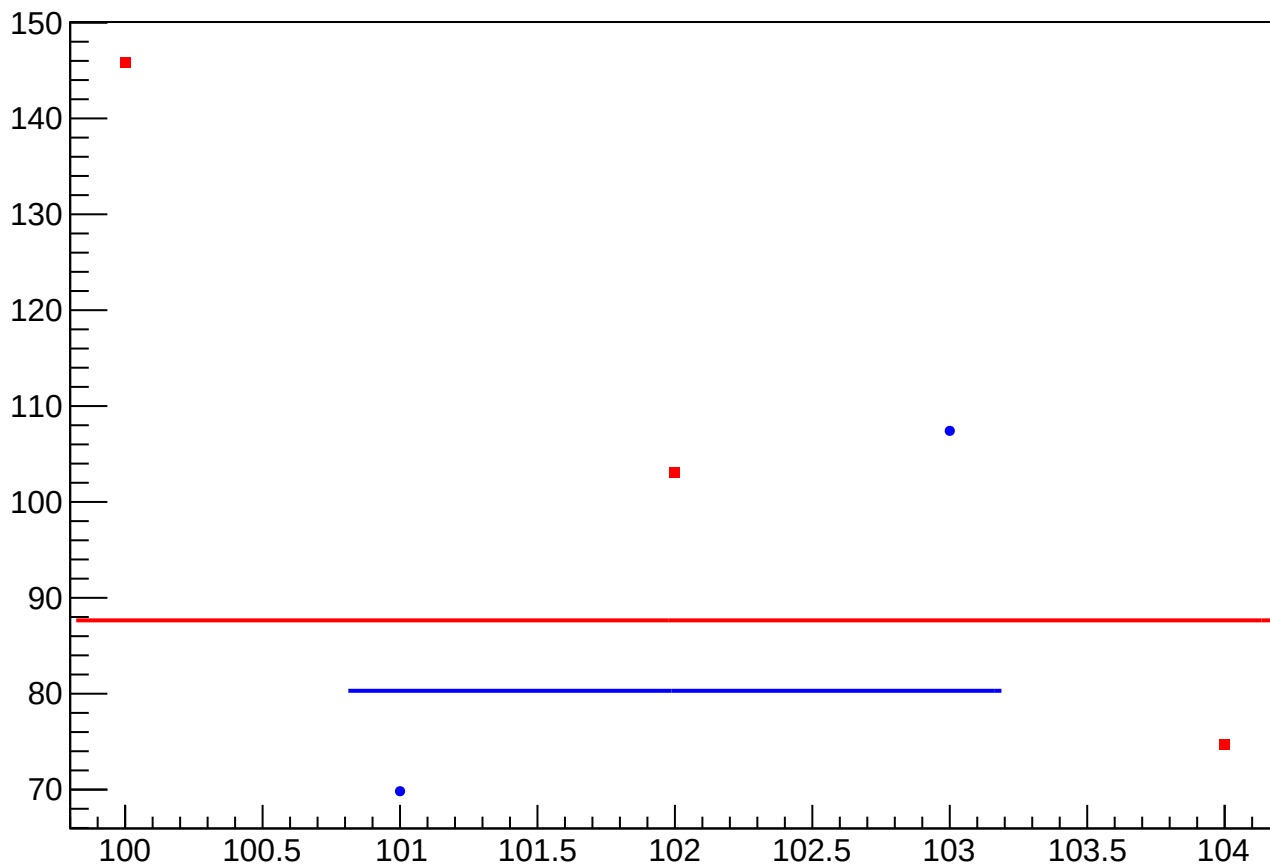
Right: 183.426 $\pm$ 54.786 χ^2 /NDF: 2.4/4

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: 183.426 $\pm$ 54.786 χ^2 /NDF: 2.4/4

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: 87.649+/-0.058 χ^2/NDF : 80253.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

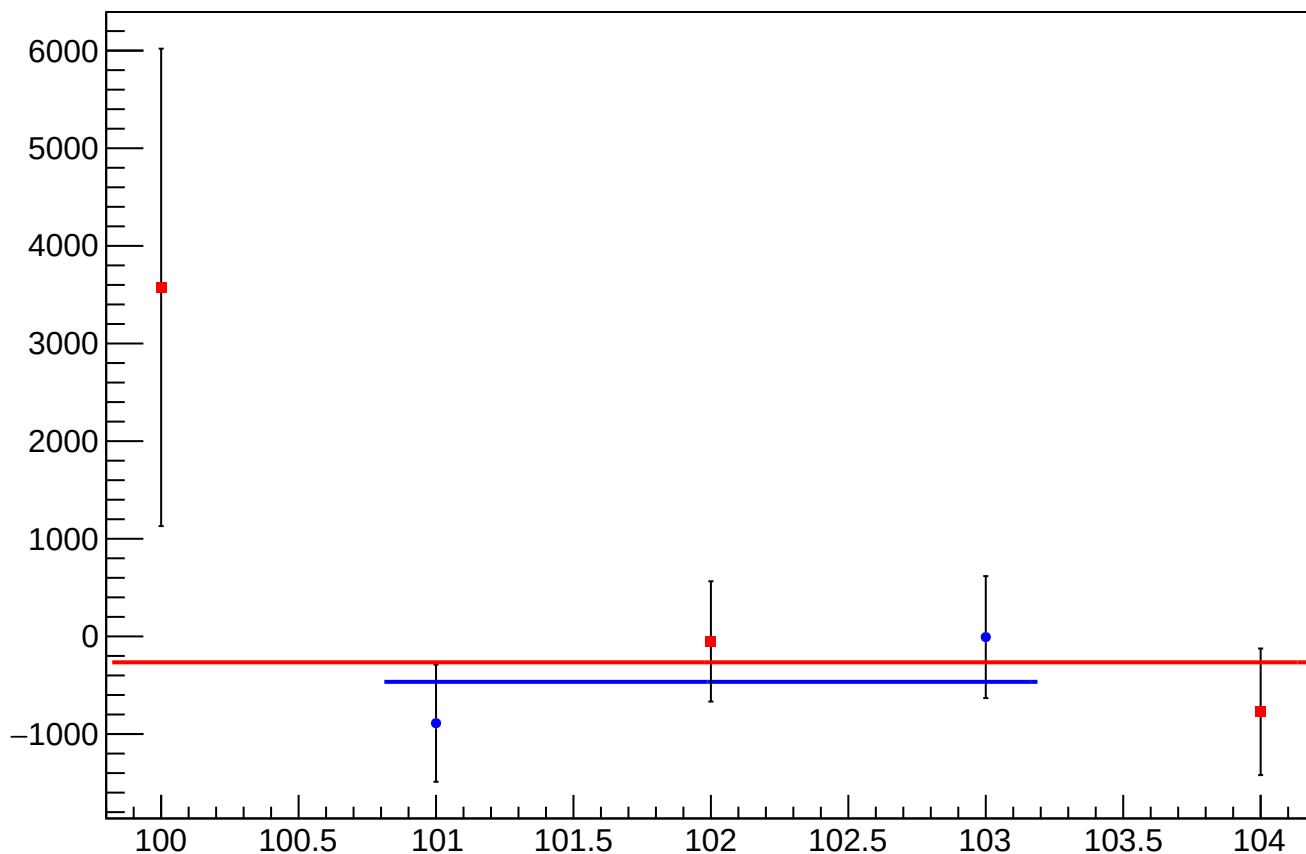
Right: 83.600+/-0.039 χ^2/NDF : 193439.6/4

In: 80.304+/-0.052 χ^2/NDF : 104294.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.600+/-0.039 χ^2/NDF : 193439.6/4

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: -265.430+/-439.250 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

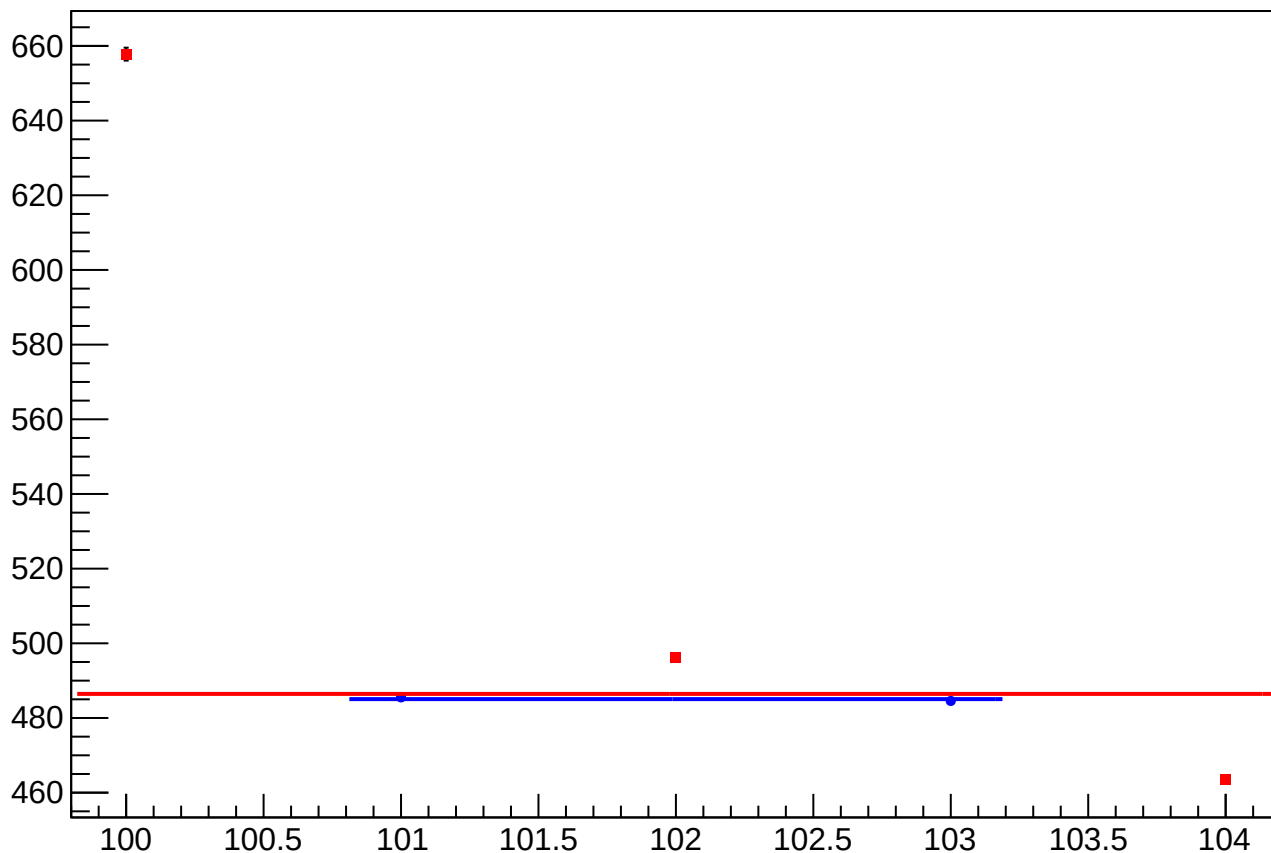
Right: -366.857+/-308.309 χ^2/NDF : 4.3/4

In: -465.349+/-432.850 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.857+/-308.309 χ^2/NDF : 4.3/4

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: 486.450+/-0.311 χ^2/NDF : 12800.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

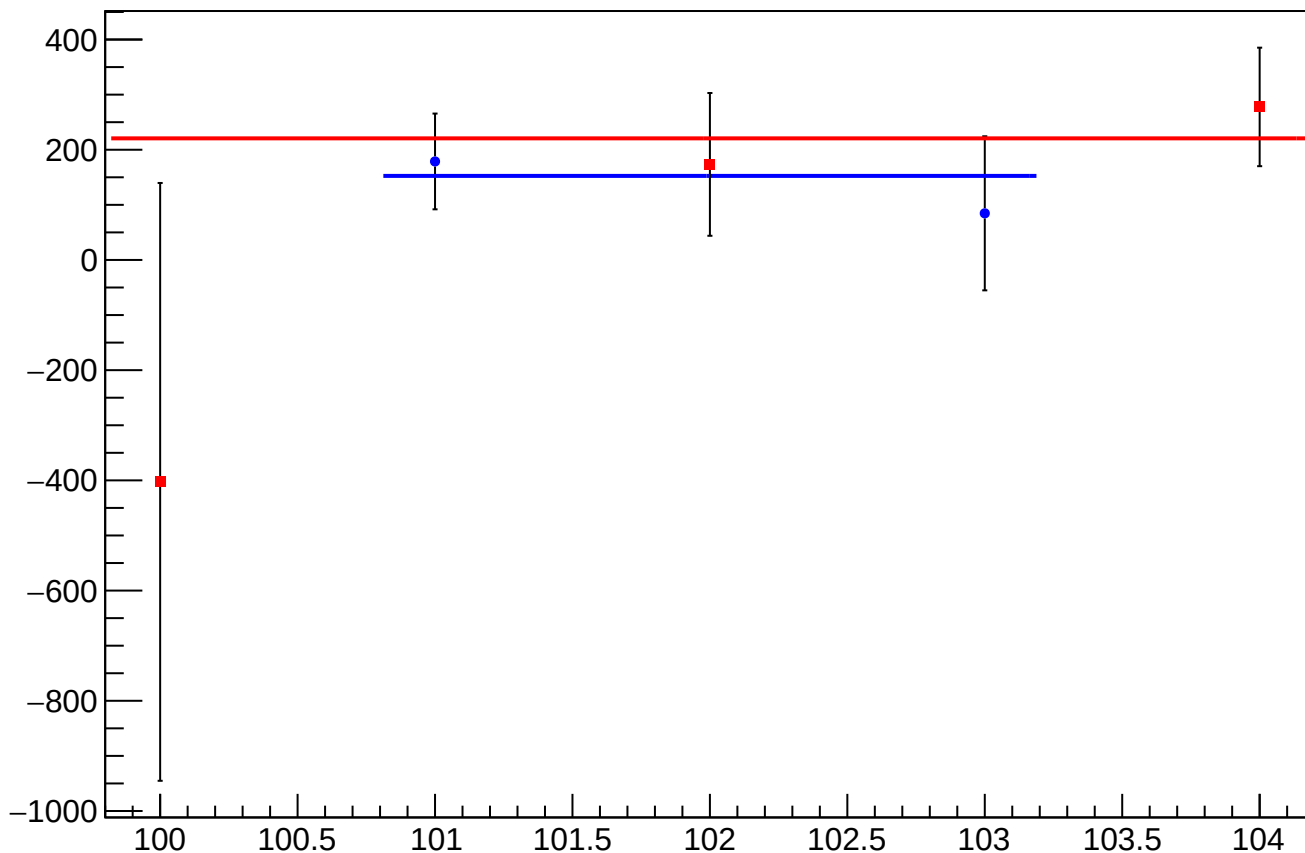
Right: 485.743+/-0.218 χ^2/NDF : 12812.6/4

In: 485.056+/-0.306 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.743+/-0.218 χ^2/NDF : 12812.6/4

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: 220.654 $\pm$ 81.799 χ^2 /NDF: 1.7/2

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

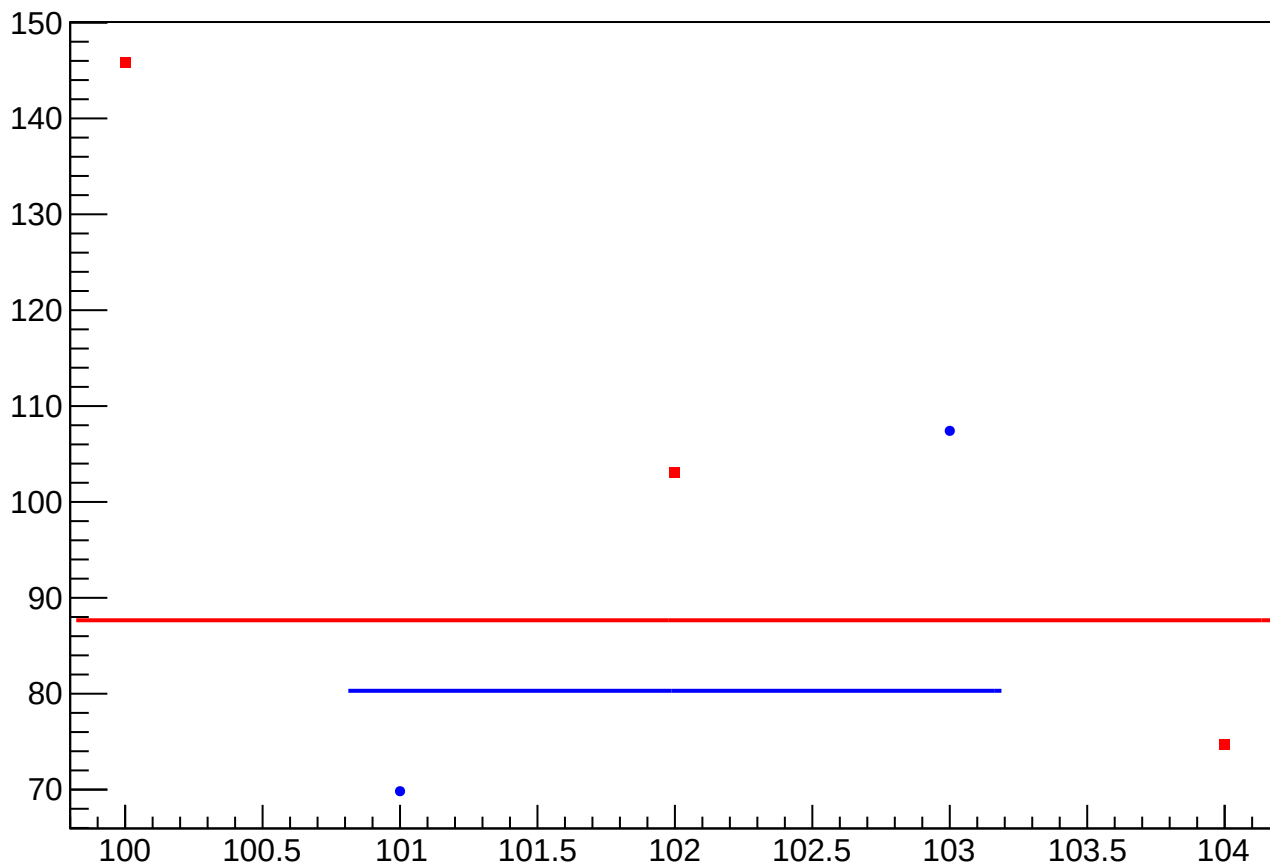
Right: 183.094 $\pm$ 54.790 χ^2 /NDF: 2.4/4

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: 183.094 $\pm$ 54.790 χ^2 /NDF: 2.4/4

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: 87.660+/-0.058 χ^2/NDF : 80375.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

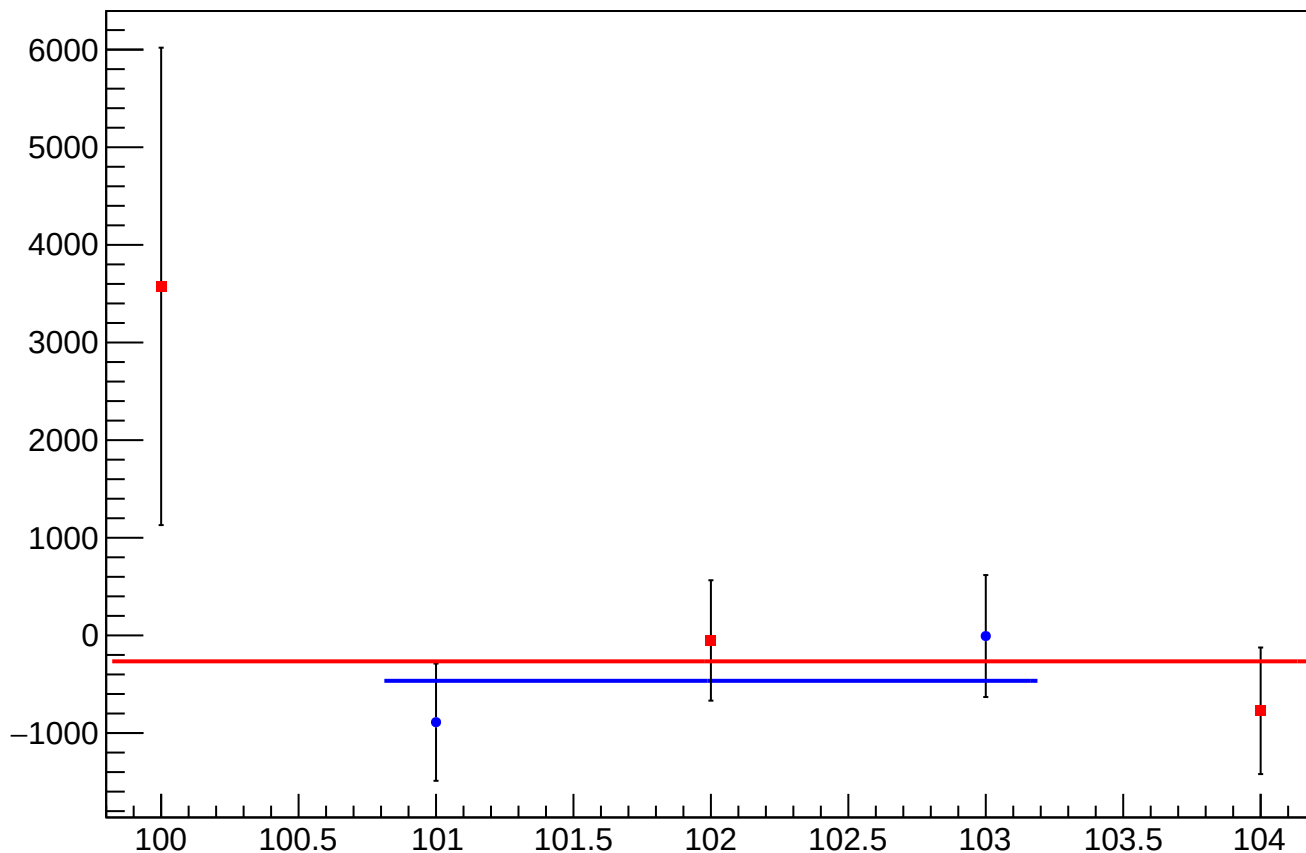
Right: 83.605+/-0.039 χ^2/NDF : 193588.8/4

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.605+/-0.039 χ^2/NDF : 193588.8/4

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: -265.660+/-439.472 χ^2 /NDF: 3.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

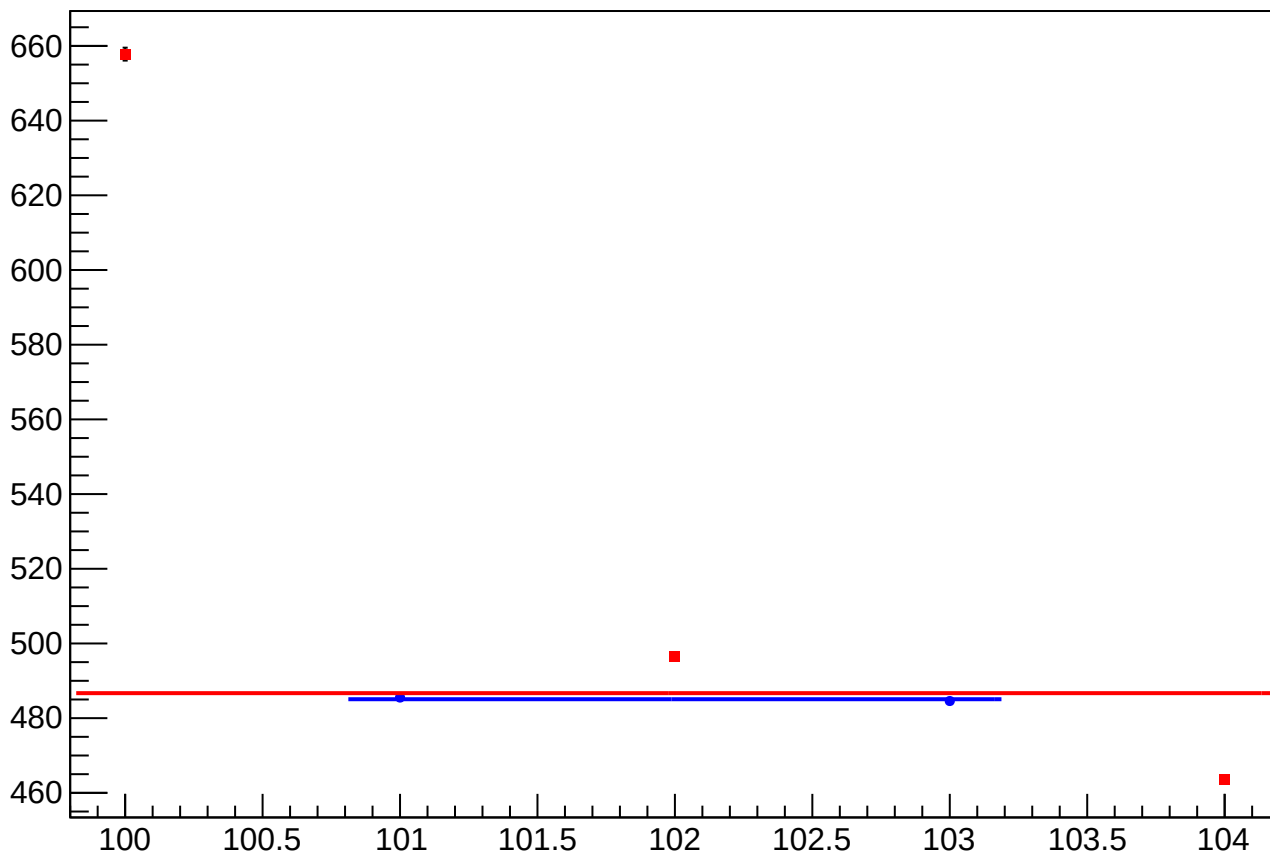
Right: -366.913+/-308.391 χ^2 /NDF: 4.3/4

In: -465.143+/-432.865 χ^2 /NDF:1.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -366.913+/-308.391 χ^2 /NDF: 4.3/4

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: 486.696+/-0.311 χ^2/NDF : 12834.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

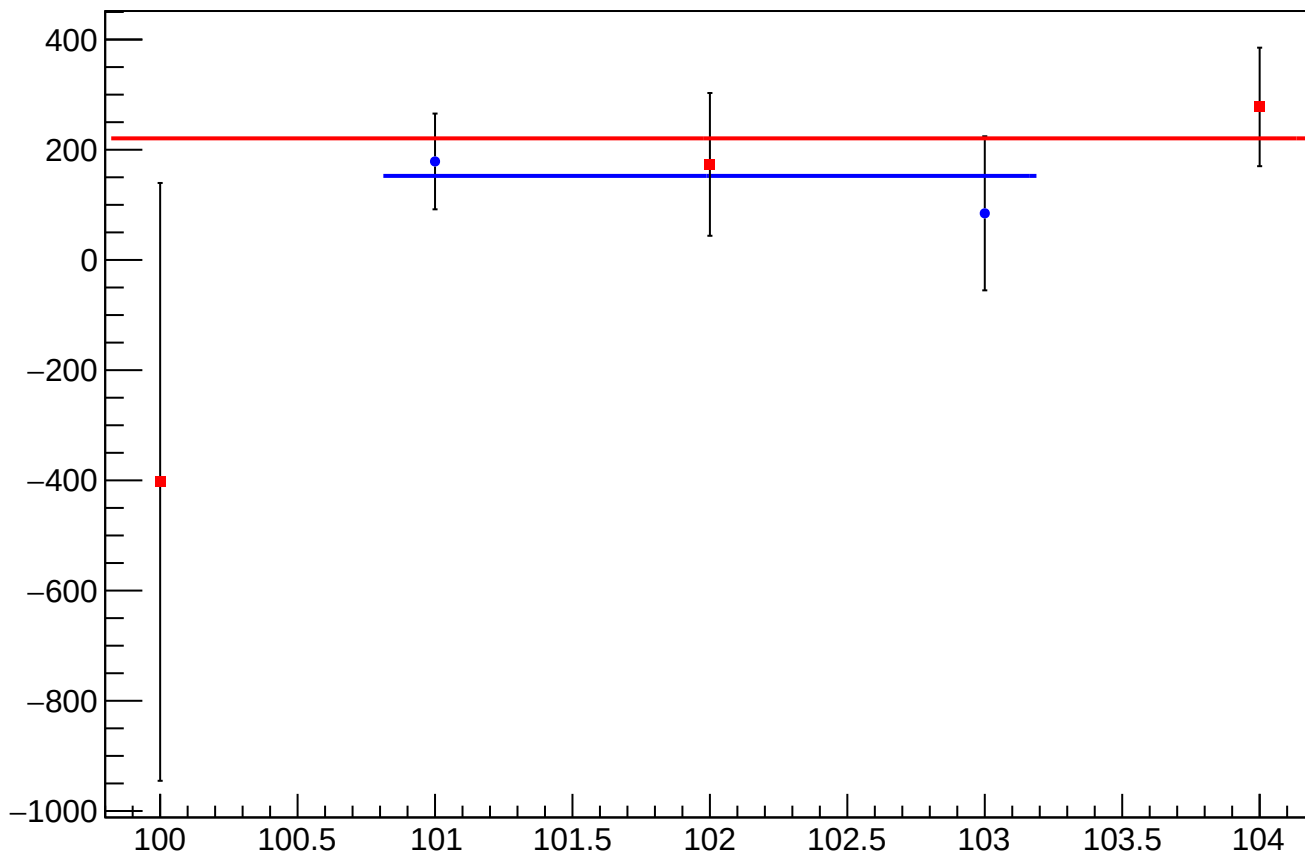
Right: 485.871+/-0.218 χ^2/NDF : 12850.2/4

In: 485.071+/-0.306 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.871+/-0.218 χ^2/NDF : 12850.2/4

eigen_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: 220.654+/-81.799 χ^2/NDF : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

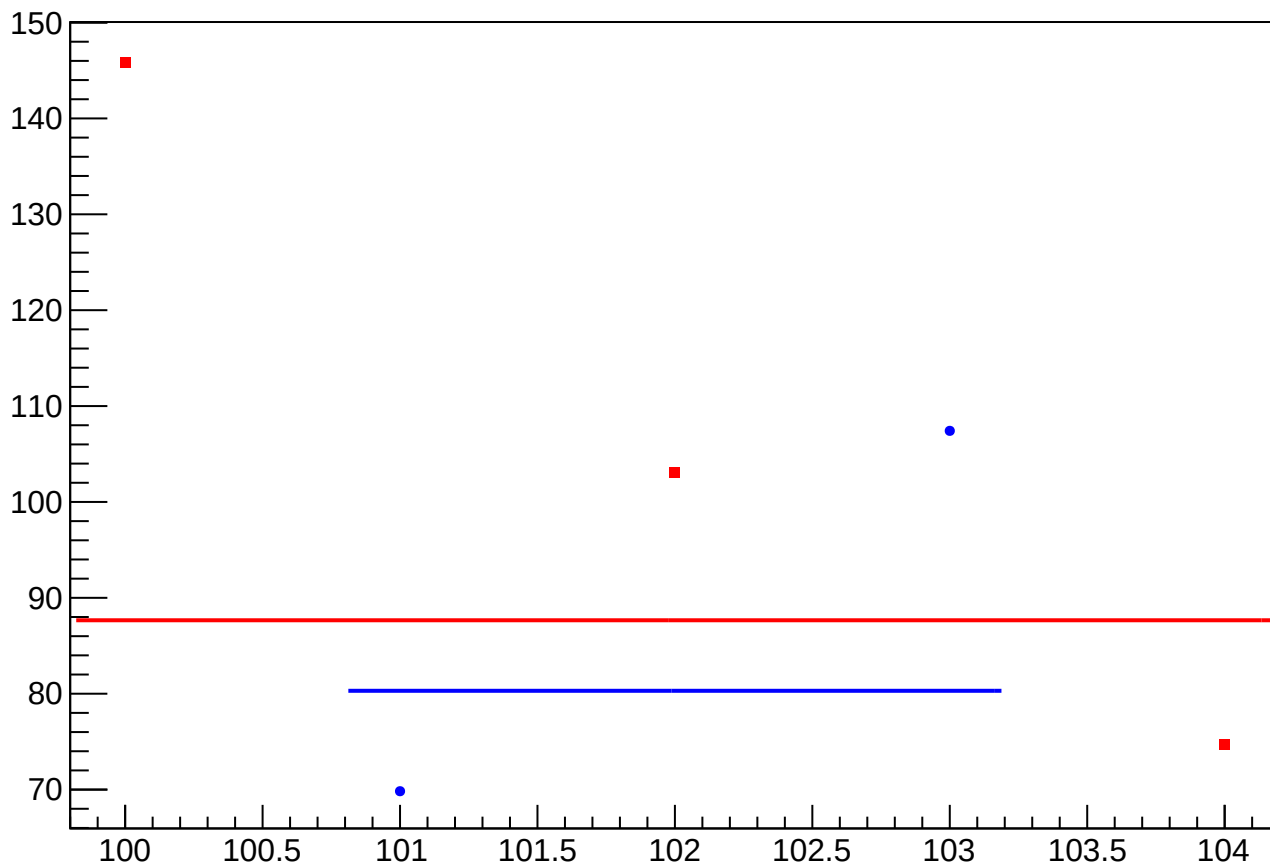
Right: 183.094+/-54.790 χ^2/NDF : 2.4/4

In: 152.530+/-73.789 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.094+/-54.790 χ^2/NDF : 2.4/4

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: 87.660+/-0.058 χ^2/NDF : 80375.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

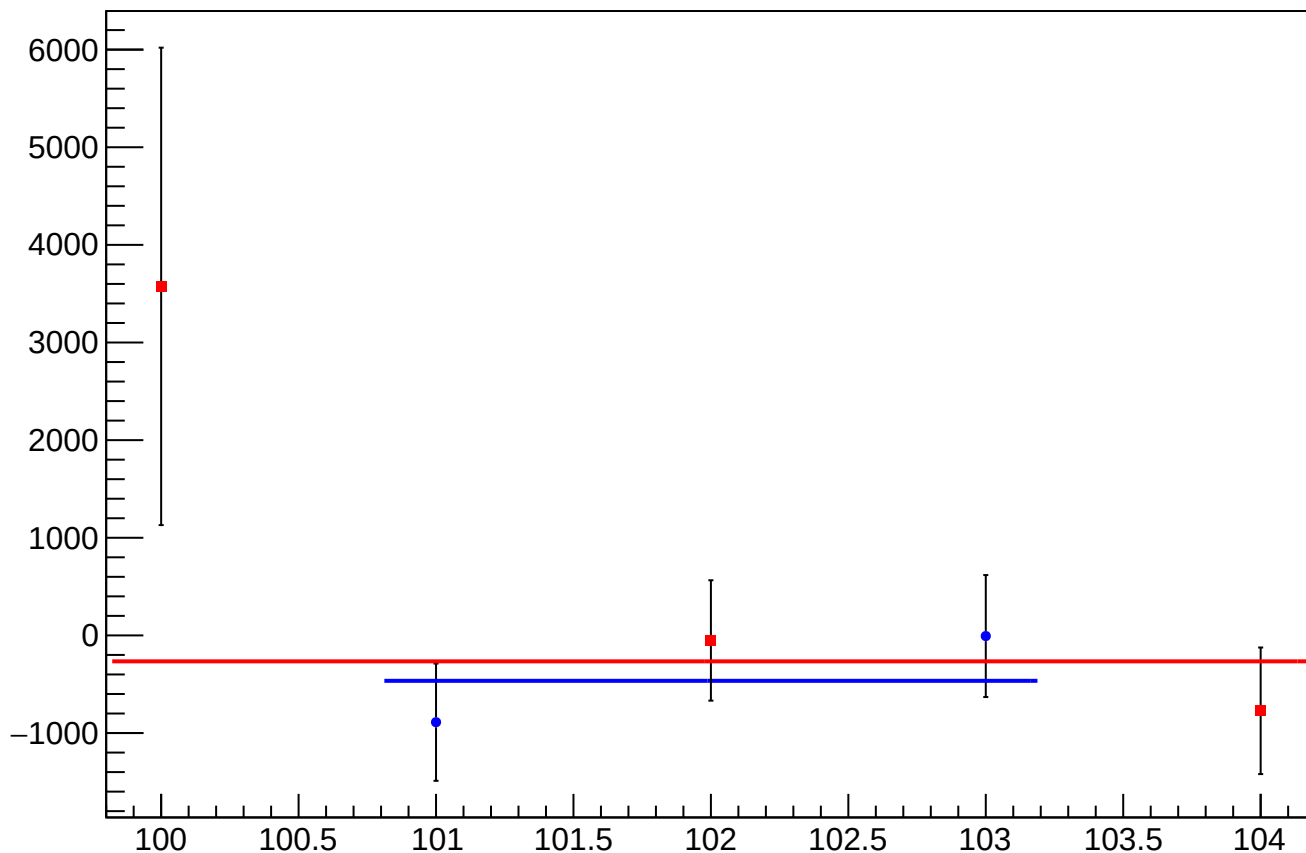
Right: 83.605+/-0.039 χ^2/NDF : 193588.8/4

In: 80.304+/-0.052 χ^2/NDF : 104296.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.605+/-0.039 χ^2/NDF : 193588.8/4

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: -265.660+/-439.472 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

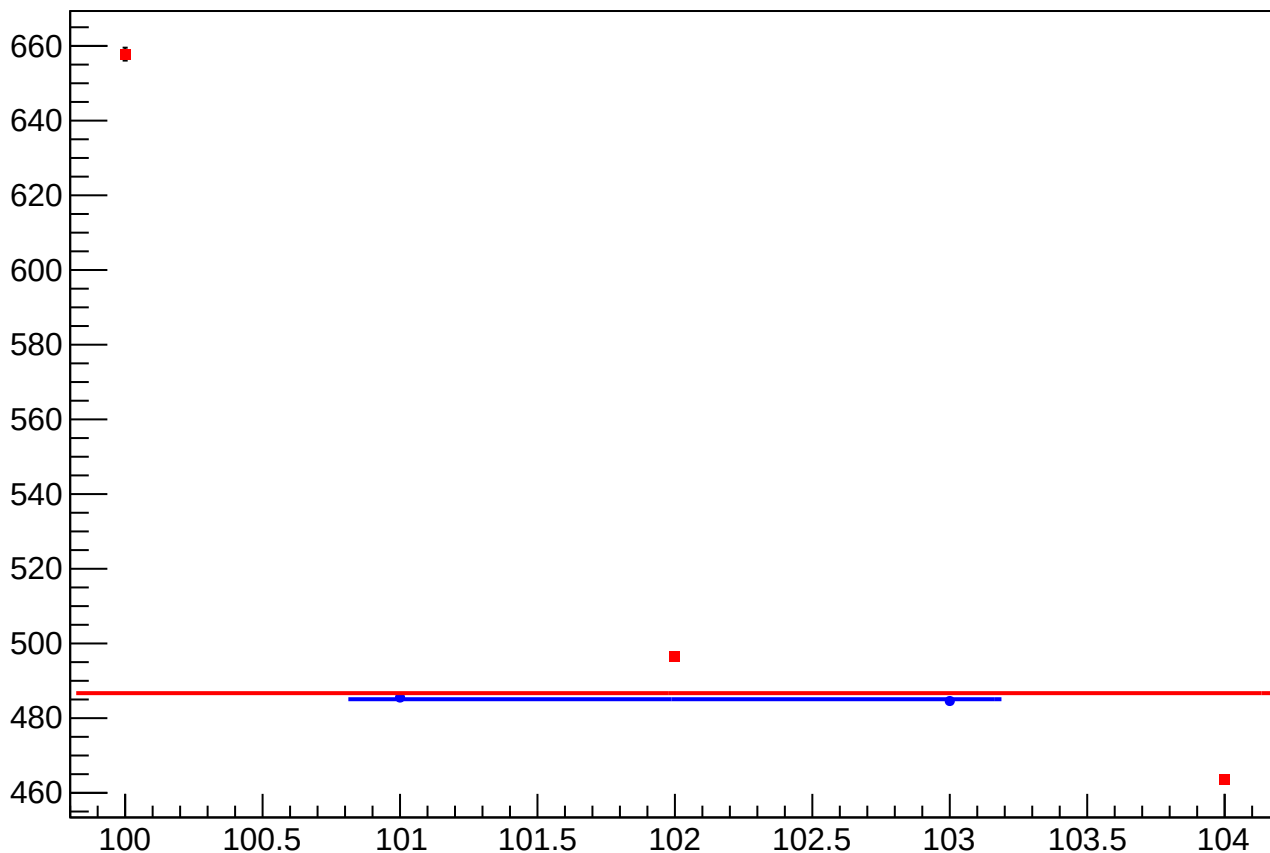
Right: -366.913+/-308.391 χ^2/NDF : 4.3/4

In: -465.143+/-432.865 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.913+/-308.391 χ^2/NDF : 4.3/4

asym_sam_13_57_dd_eigen_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: 486.696+/-0.311 χ^2/NDF : 12834.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

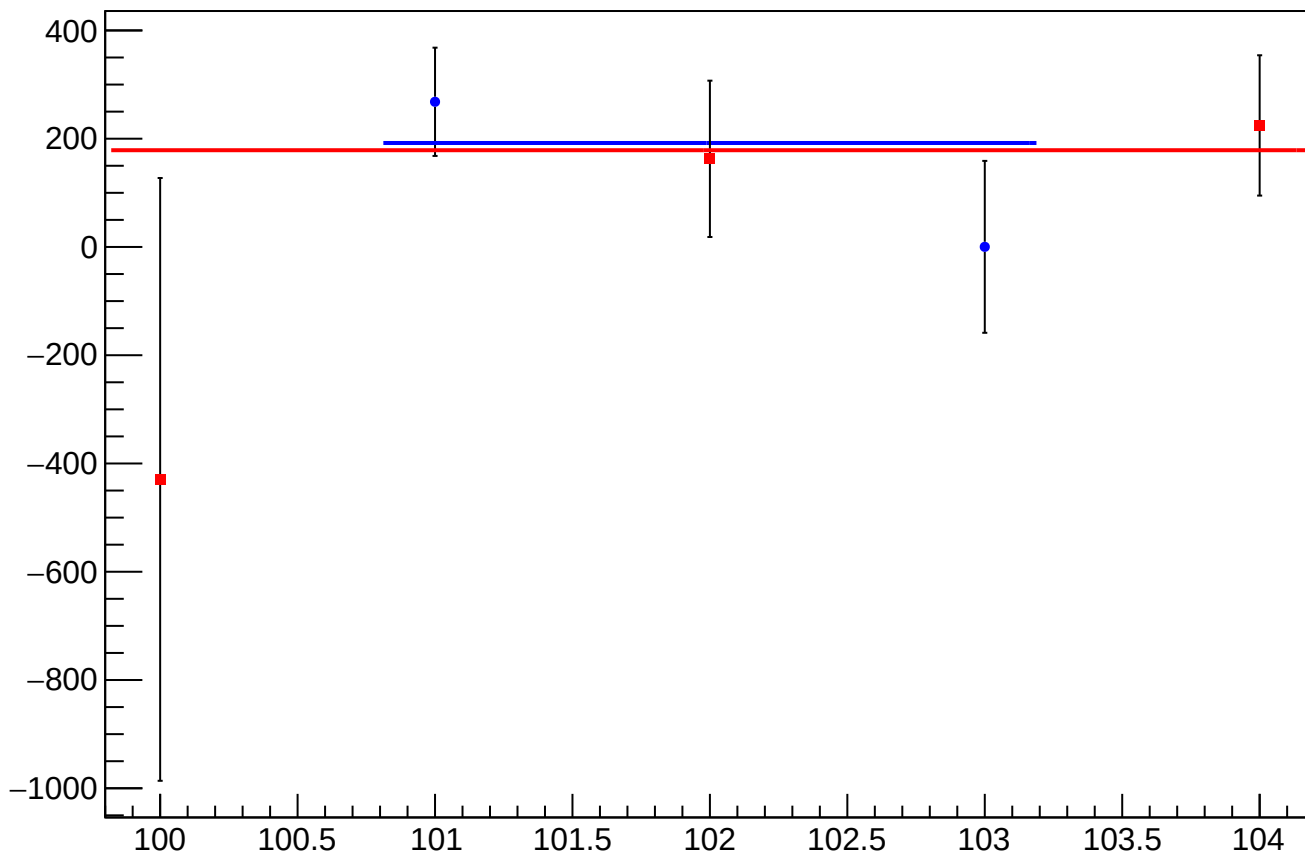
Right: 485.871+/-0.218 χ^2/NDF : 12850.2/4

In: 485.071+/-0.306 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.871+/-0.218 χ^2/NDF : 12850.2/4

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: 178.720 $\pm$ 95.044 χ^2 /NDF: 1.3/2

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

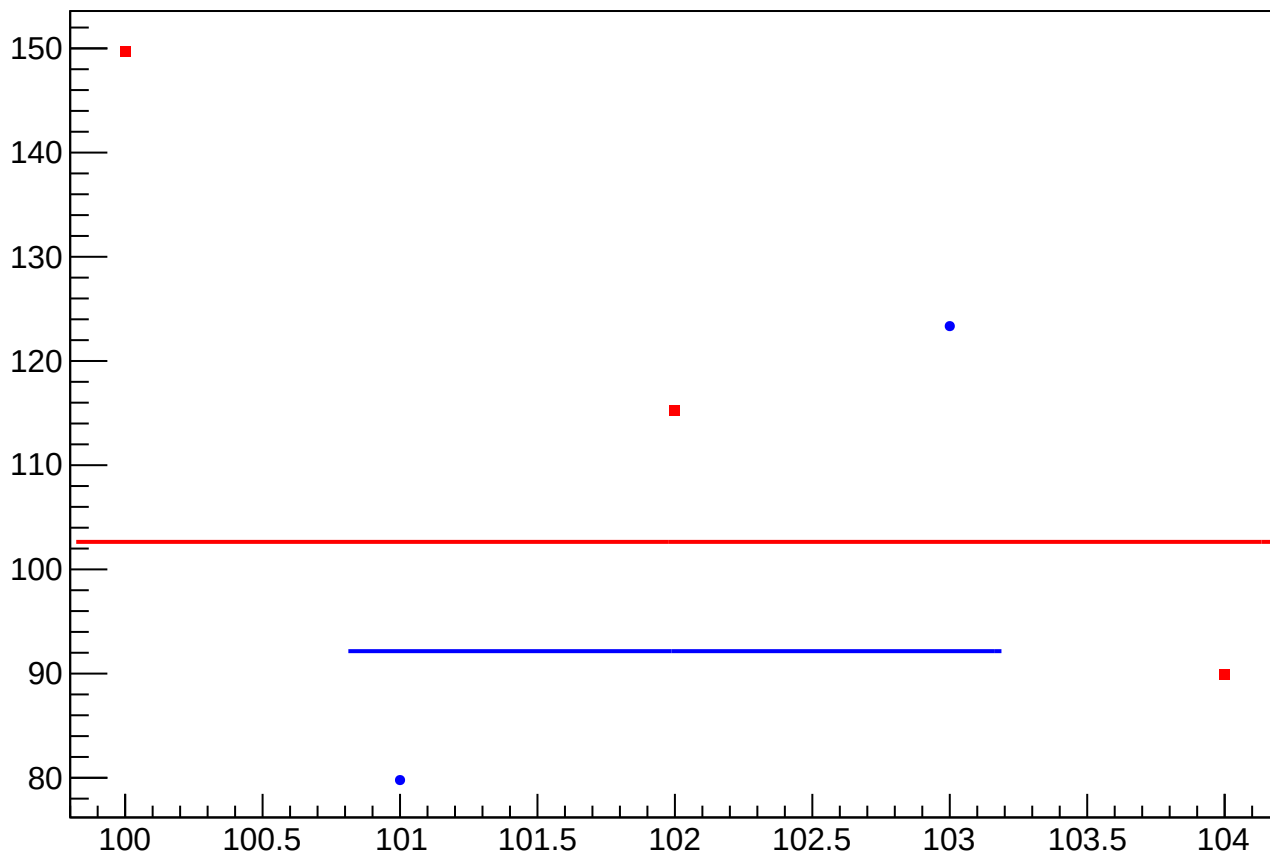
Right: 186.169 $\pm$ 63.199 χ^2 /NDF: 3.4/4

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: 186.169 $\pm$ 63.199 χ^2 /NDF: 3.4/4

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: 102.641+/-0.067 χ^2/NDF : 48955.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

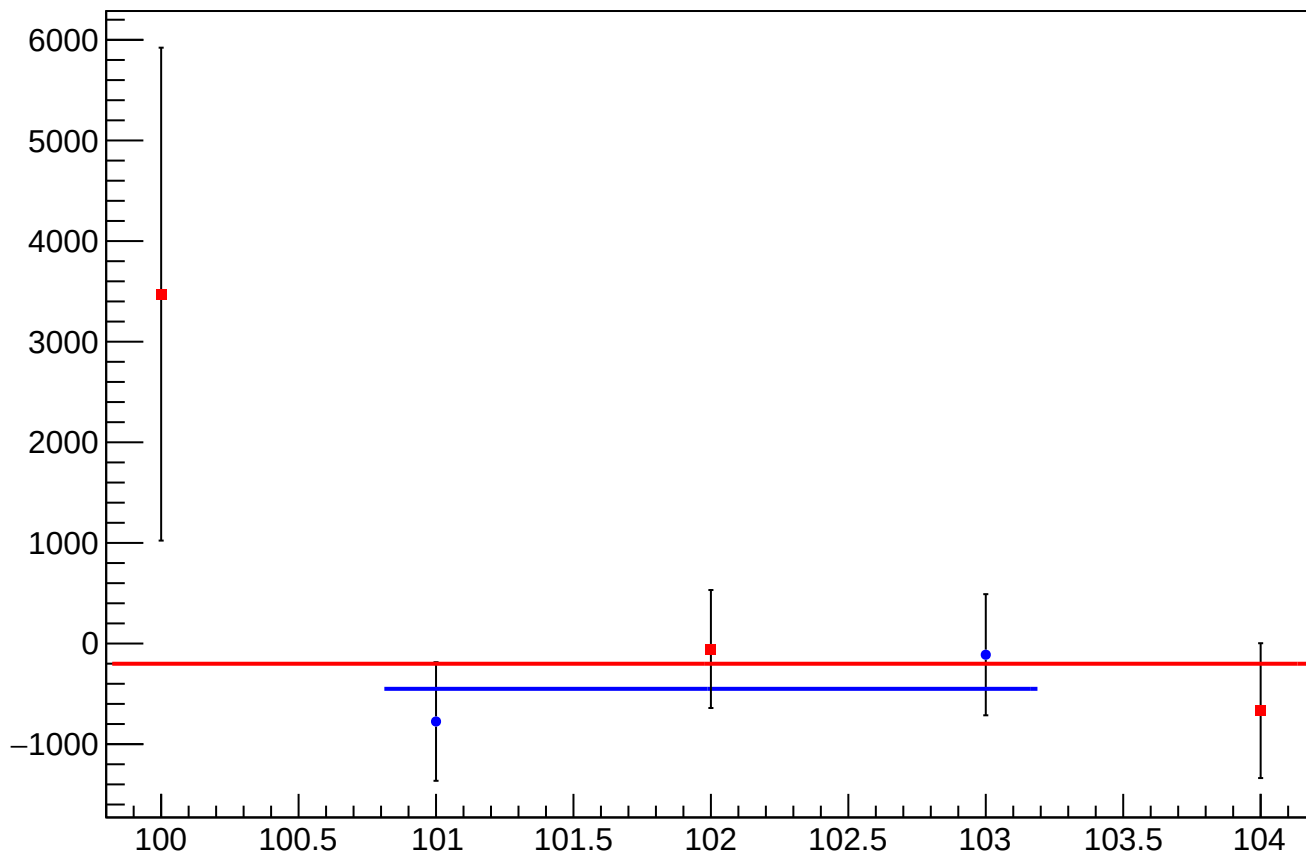
Right: 96.790+/-0.045 χ^2/NDF : 170330.9/4

In: 92.153+/-0.060 χ^2/NDF : 107790.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.790+/-0.045 χ^2/NDF : 170330.9/4

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: -200.852+/-434.280 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

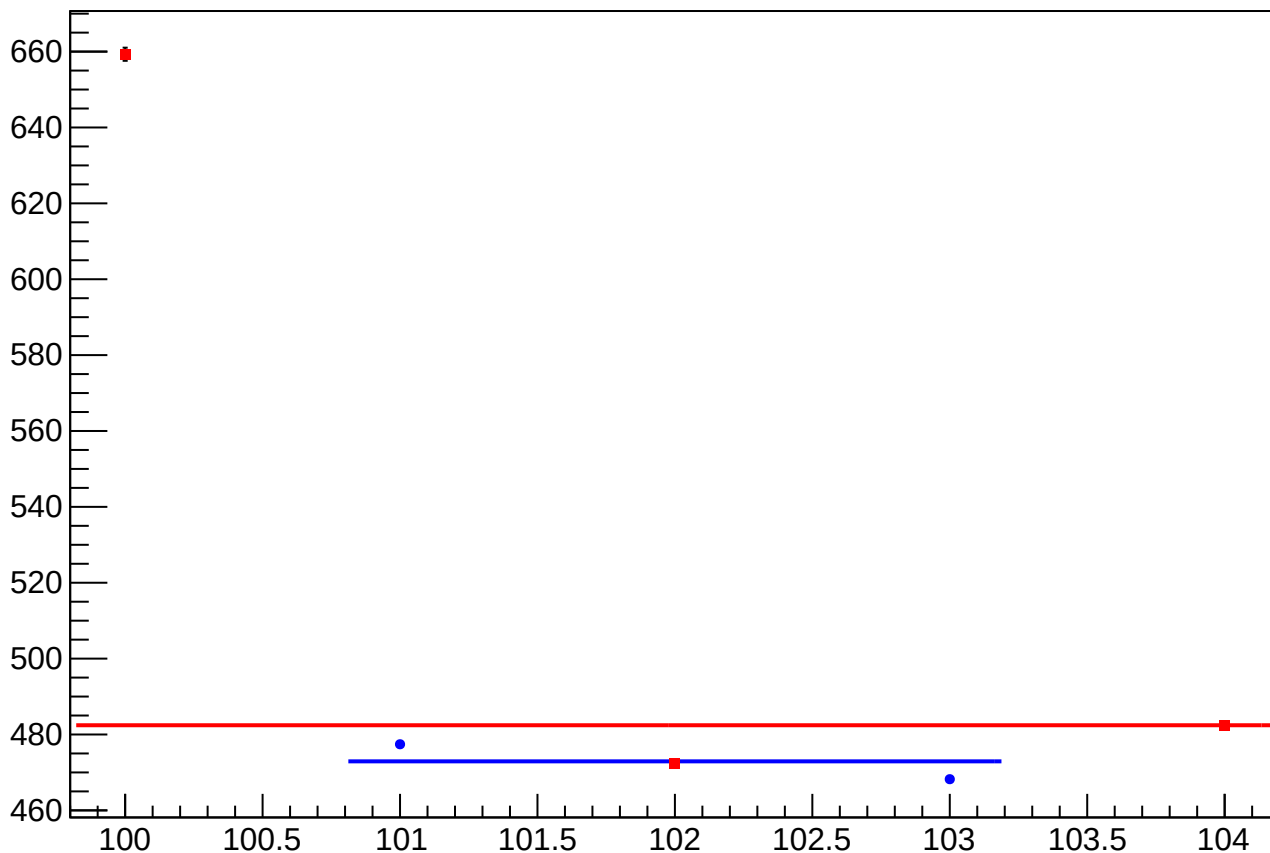
Right: -329.350+/-302.325 χ^2/NDF : 3.6/4

In: -450.184+/-421.129 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -329.350+/-302.325 χ^2/NDF : 3.6/4

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.922 $\pm$ 0.298 χ^2 /NDF: 238.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.438 $\pm$ 0.307 χ^2 /NDF: 11016.1/2

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

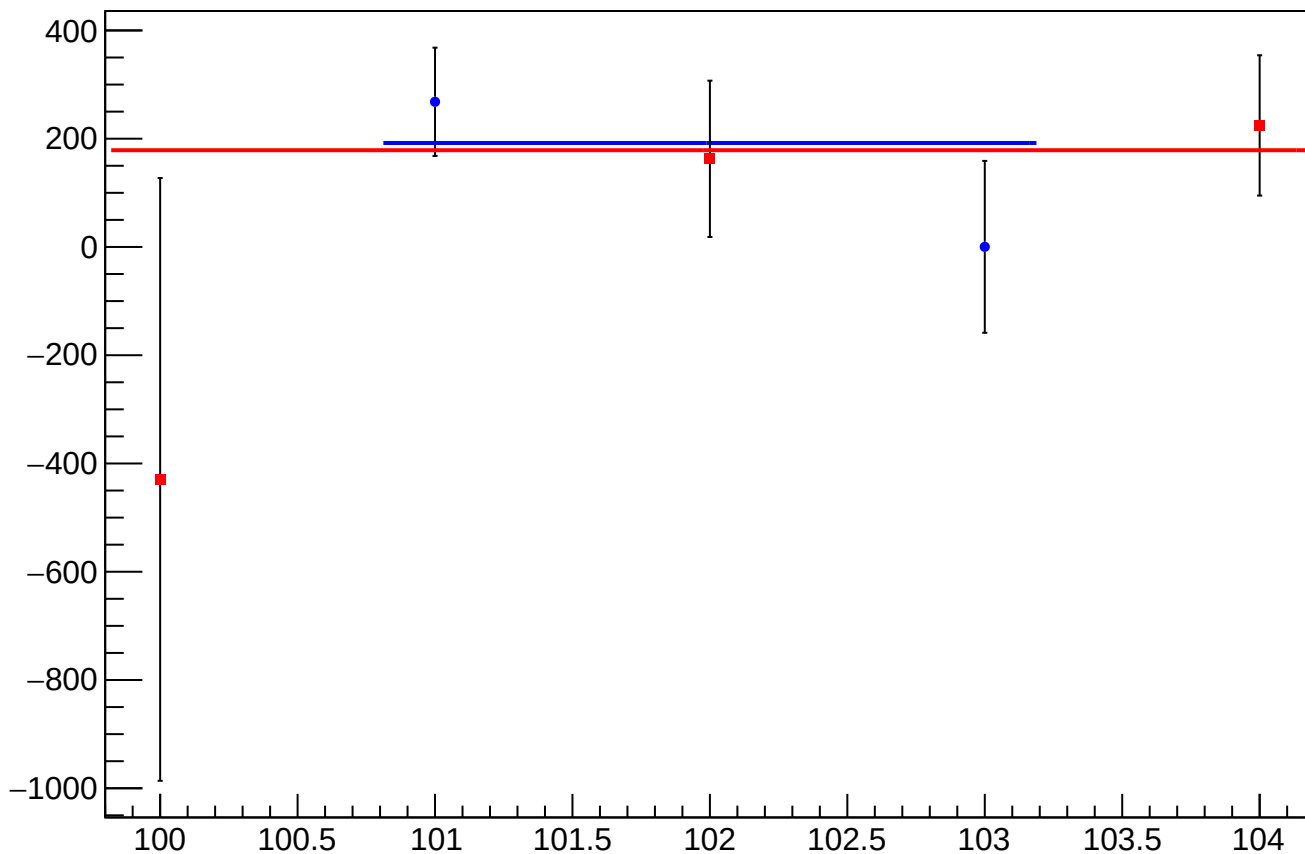
Right: 477.533 $\pm$ 0.214 χ^2 /NDF: 11749.8/4

In: 472.922 $\pm$ 0.298 χ^2 /NDF: 238.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 477.533 $\pm$ 0.214 χ^2 /NDF: 11749.8/4

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 192.077+/-84.616 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.719+/-95.043 χ^2/NDF : 1.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

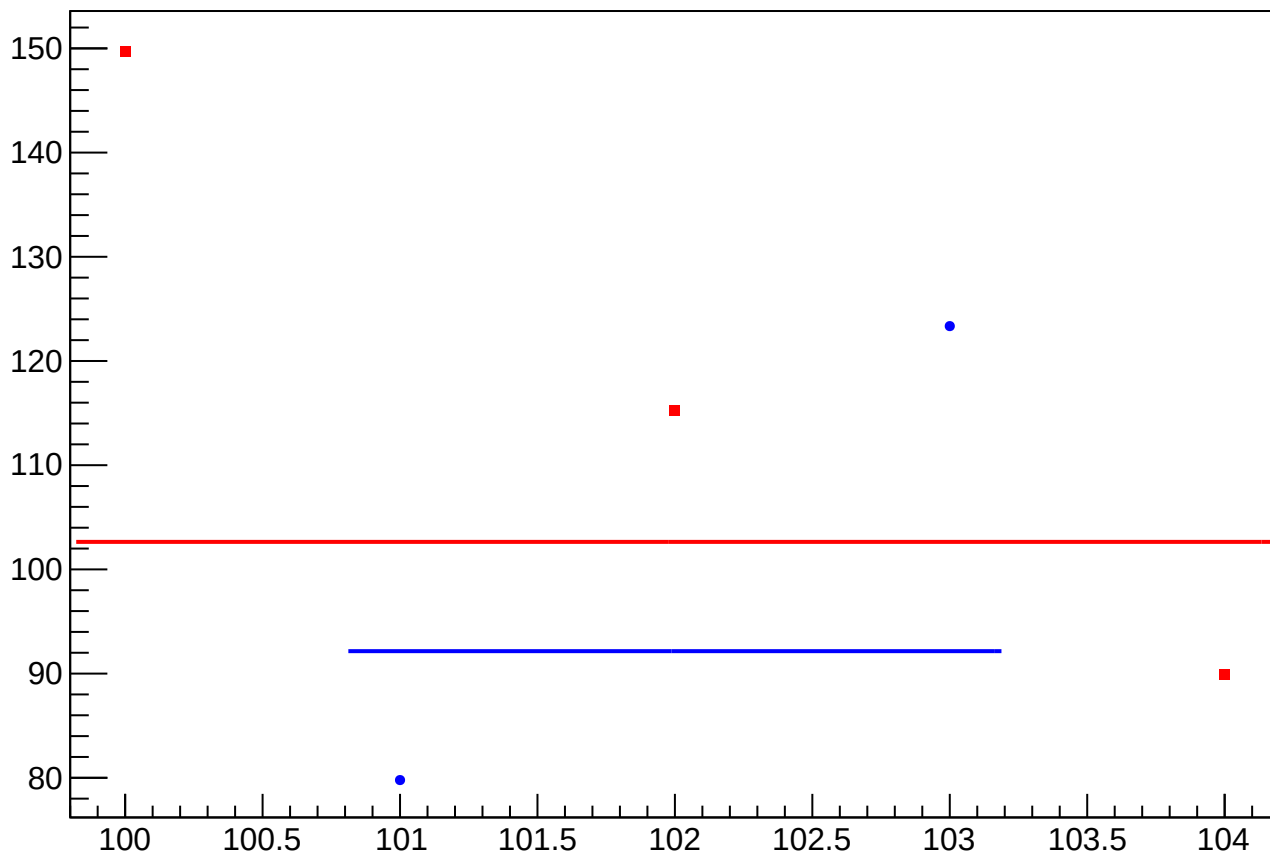
Right: 186.171+/-63.199 χ^2/NDF : 3.4/4

In: 192.077+/-84.616 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.171+/-63.199 χ^2/NDF : 3.4/4

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: 102.641+/-0.067 χ^2/NDF : 48959.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

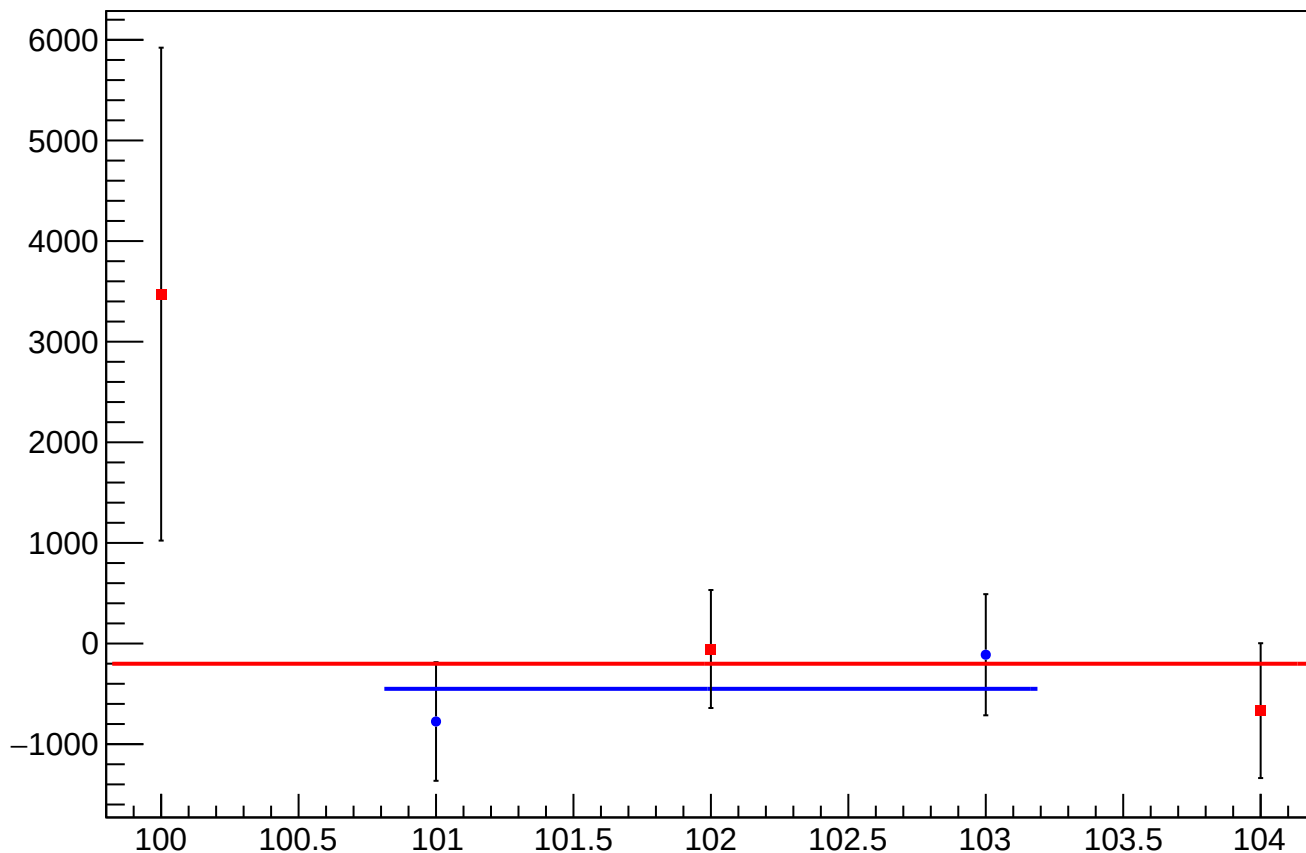
Right: 96.790+/-0.045 χ^2/NDF : 170334.5/4

In: 92.154+/-0.060 χ^2/NDF : 107791.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.790+/-0.045 χ^2/NDF : 170334.5/4

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: -200.852+/-434.278 χ^2 /NDF: 2.8/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

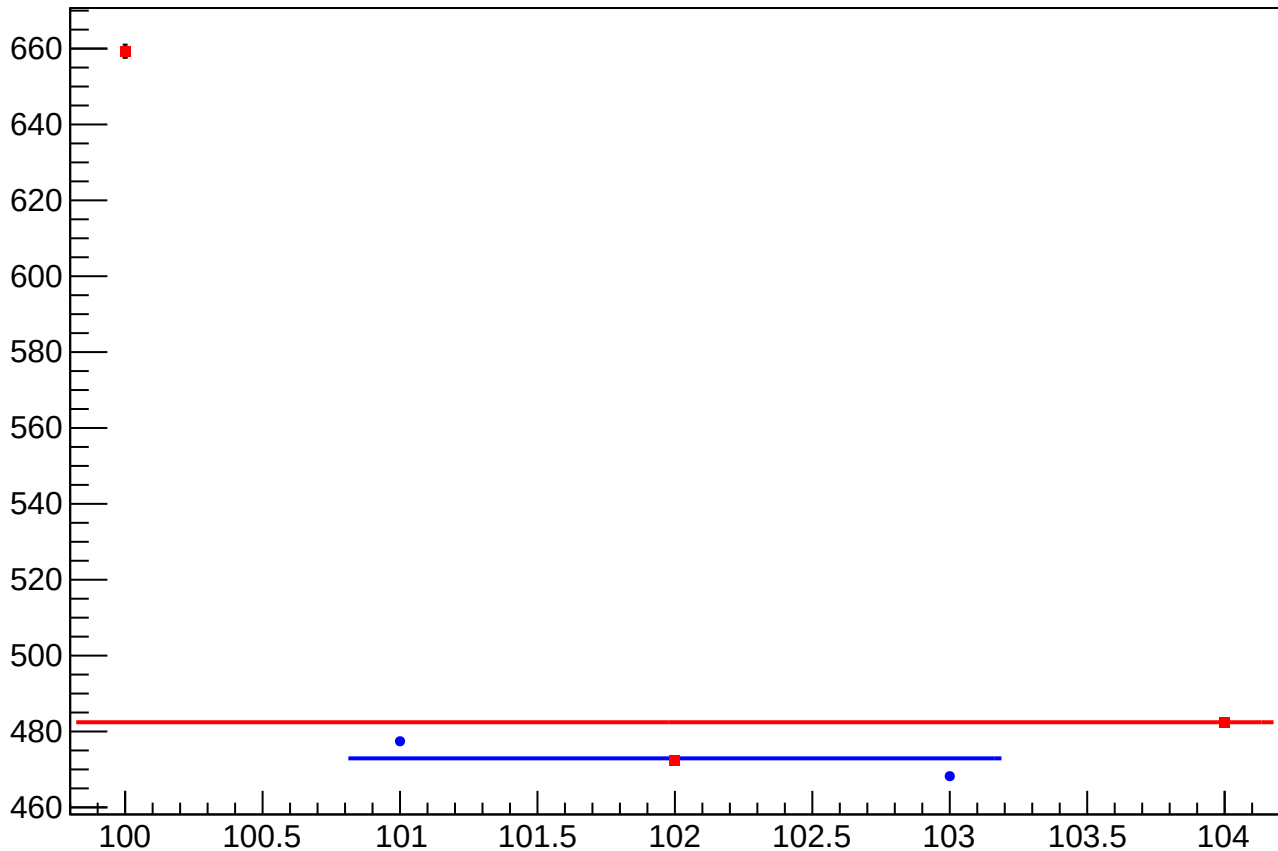
Right: -329.350+/-302.324 χ^2 /NDF: 3.6/4

In: -450.182+/-421.127 χ^2 /NDF: 0.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -329.350+/-302.324 χ^2 /NDF: 3.6/4

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 472.920 $\pm$ 0.298 χ^2 /NDF: 238.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 482.436 $\pm$ 0.307 χ^2 /NDF: 11016.1/2

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

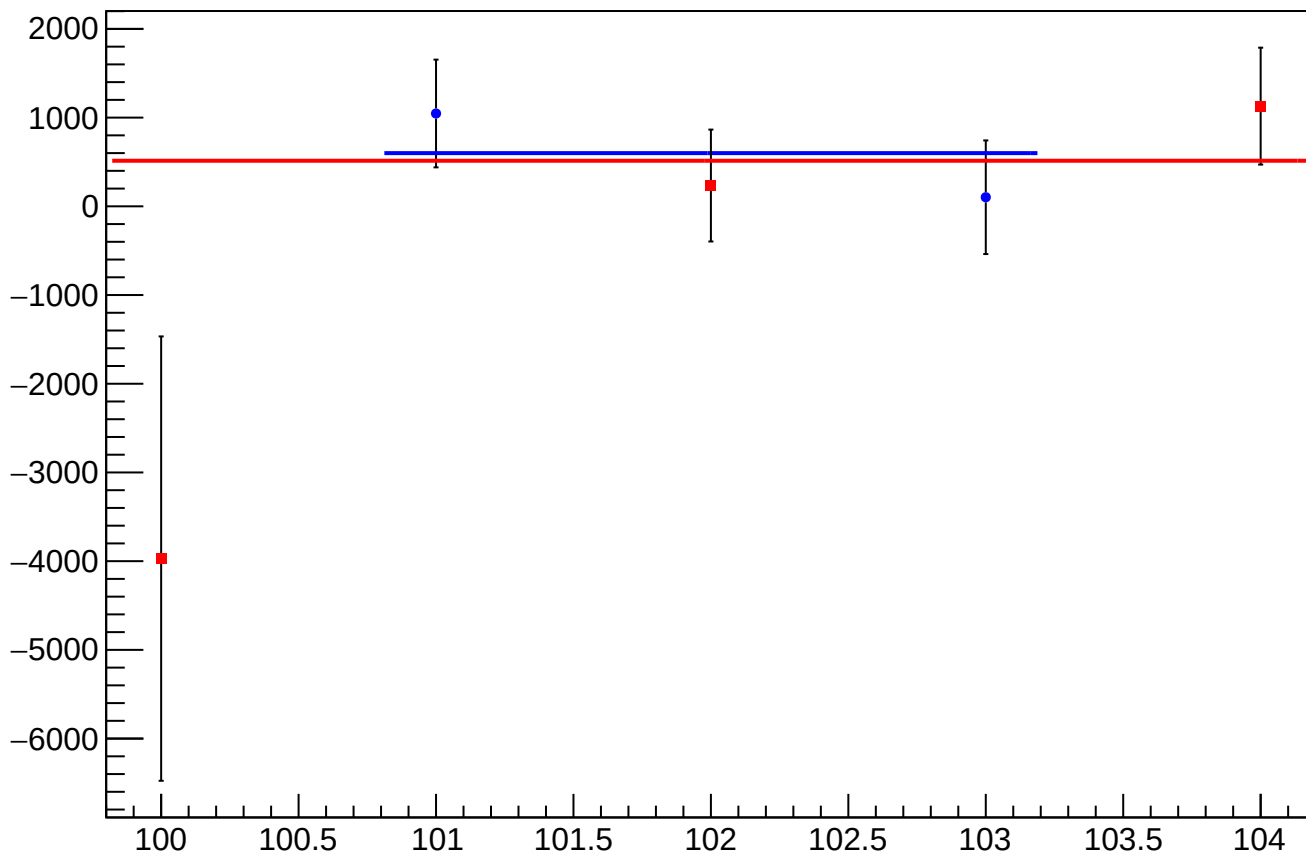
Right: 477.532 $\pm$ 0.214 χ^2 /NDF: 11749.8/4

In: 472.920 $\pm$ 0.298 χ^2 /NDF:238.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 477.532 $\pm$ 0.214 χ^2 /NDF: 11749.8/4

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: 513.777 $\pm$ 448.303 χ^2 /NDF: 4.3/2

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

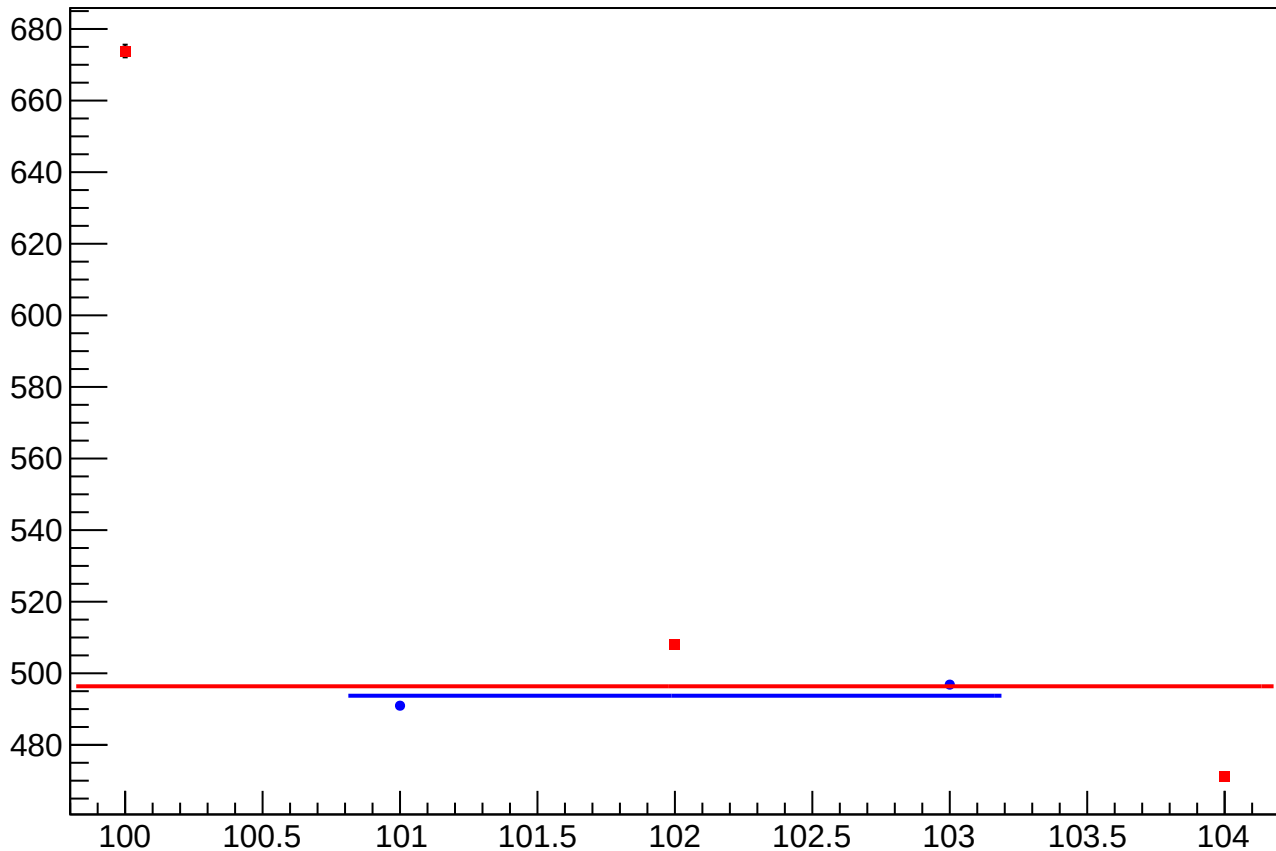
Right: 557.442 $\pm$ 314.262 χ^2 /NDF: 5.4/4

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: 557.442 $\pm$ 314.262 χ^2 /NDF: 5.4/4

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: 496.371+/-0.317 χ^2/NDF : 13635.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

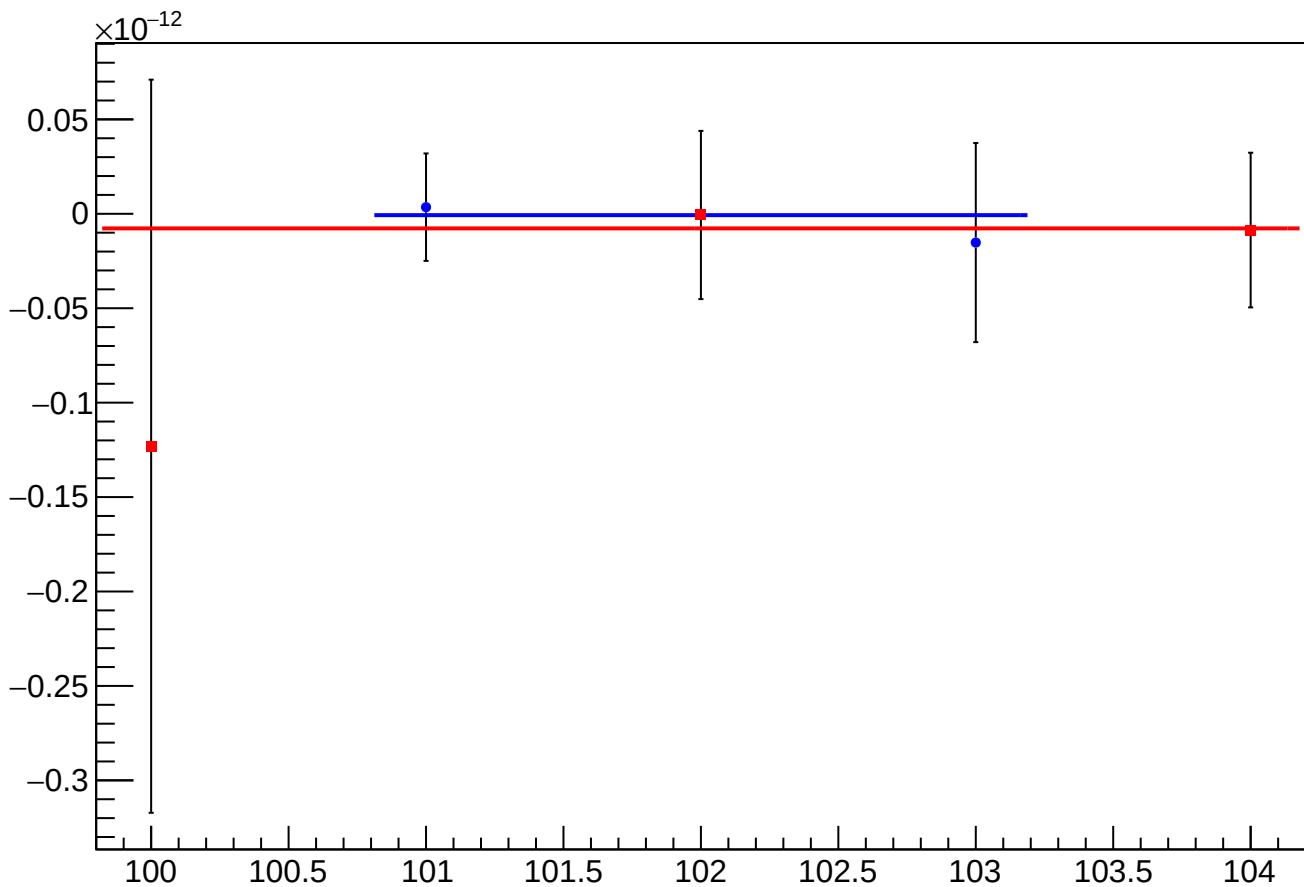
Right: 495.030+/-0.222 χ^2/NDF : 13759.3/4

In: 493.735+/-0.312 χ^2/NDF : 89.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.030+/-0.222 χ^2/NDF : 13759.3/4

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 : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

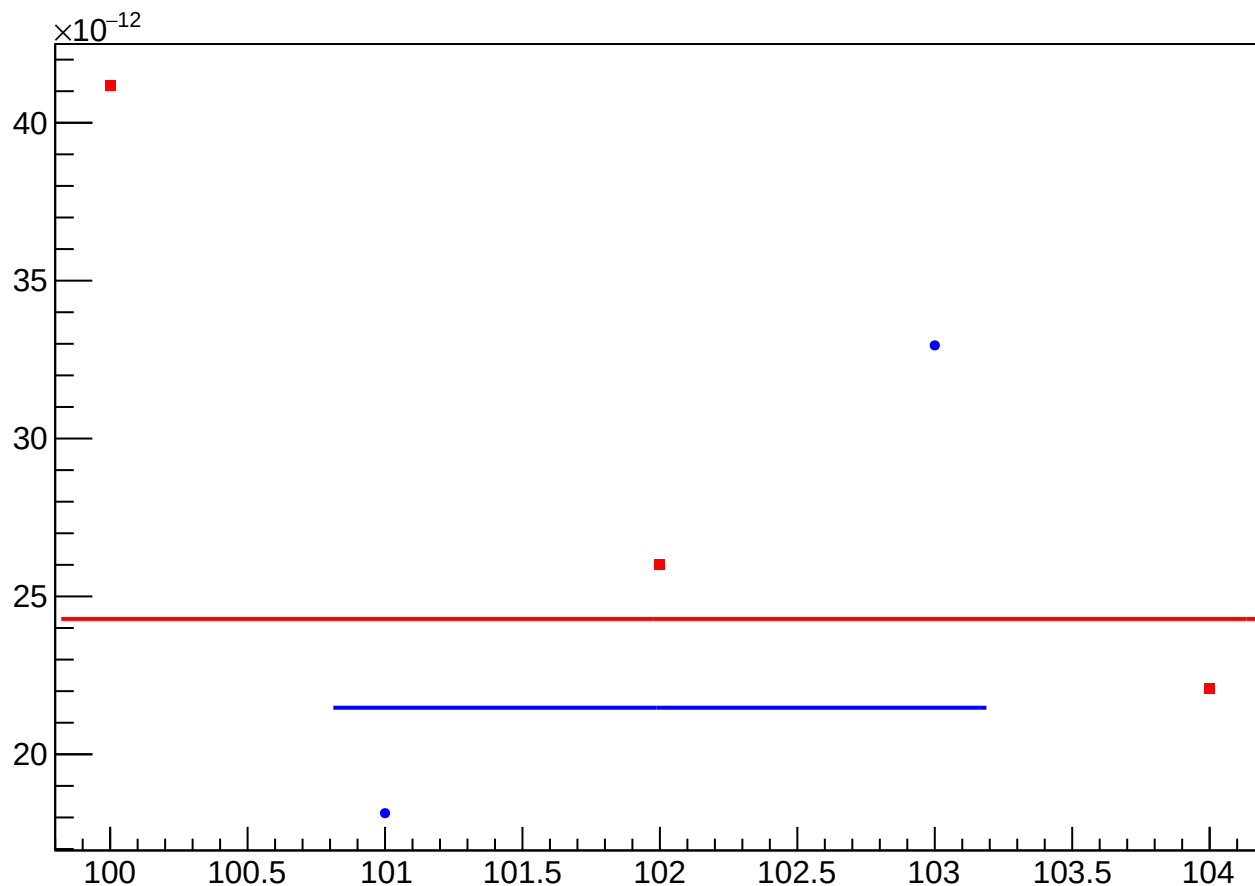
Right: -0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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 : 24027.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

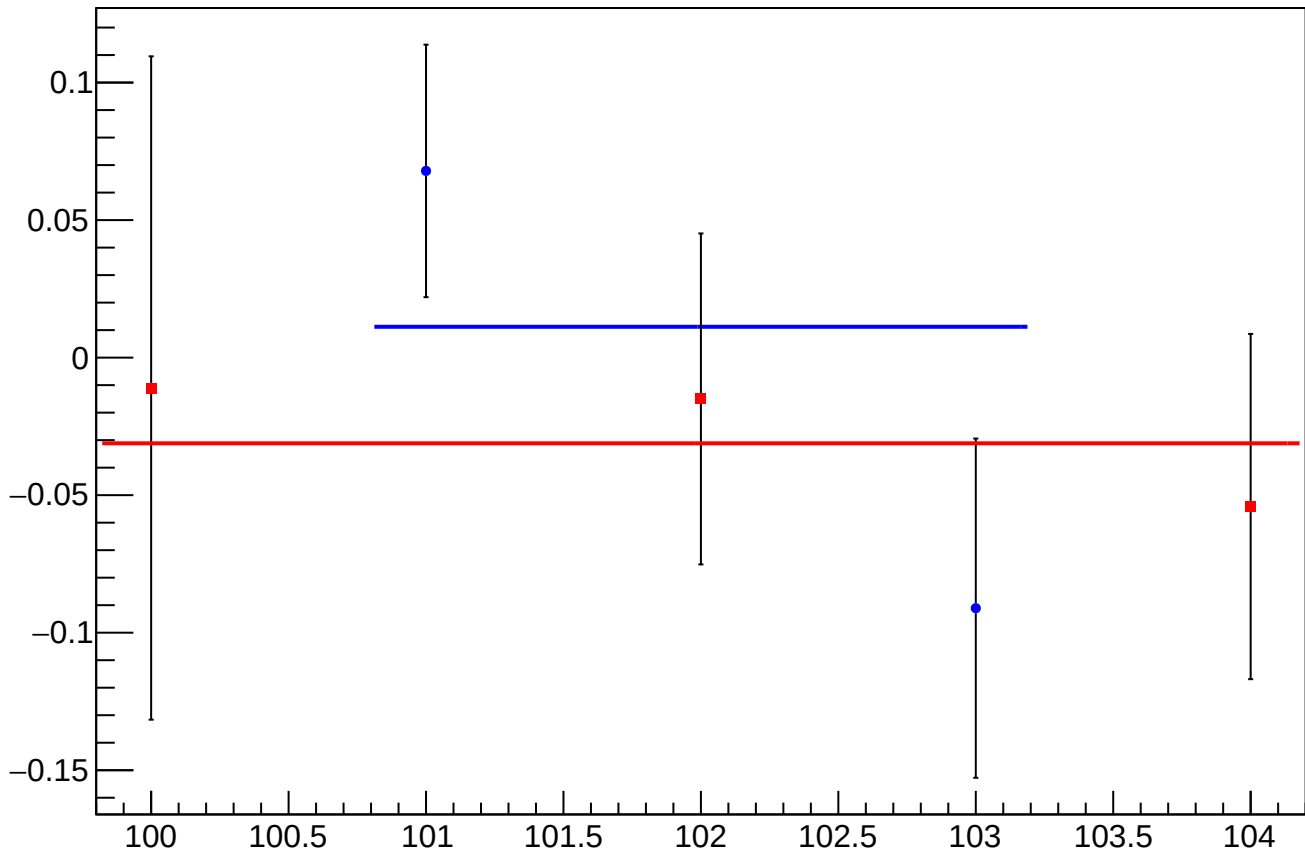
Right: 0.000+/-0.000 χ^2/NDF : 156787.3/4

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 : 156787.3/4

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: -0.031+/-0.041 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

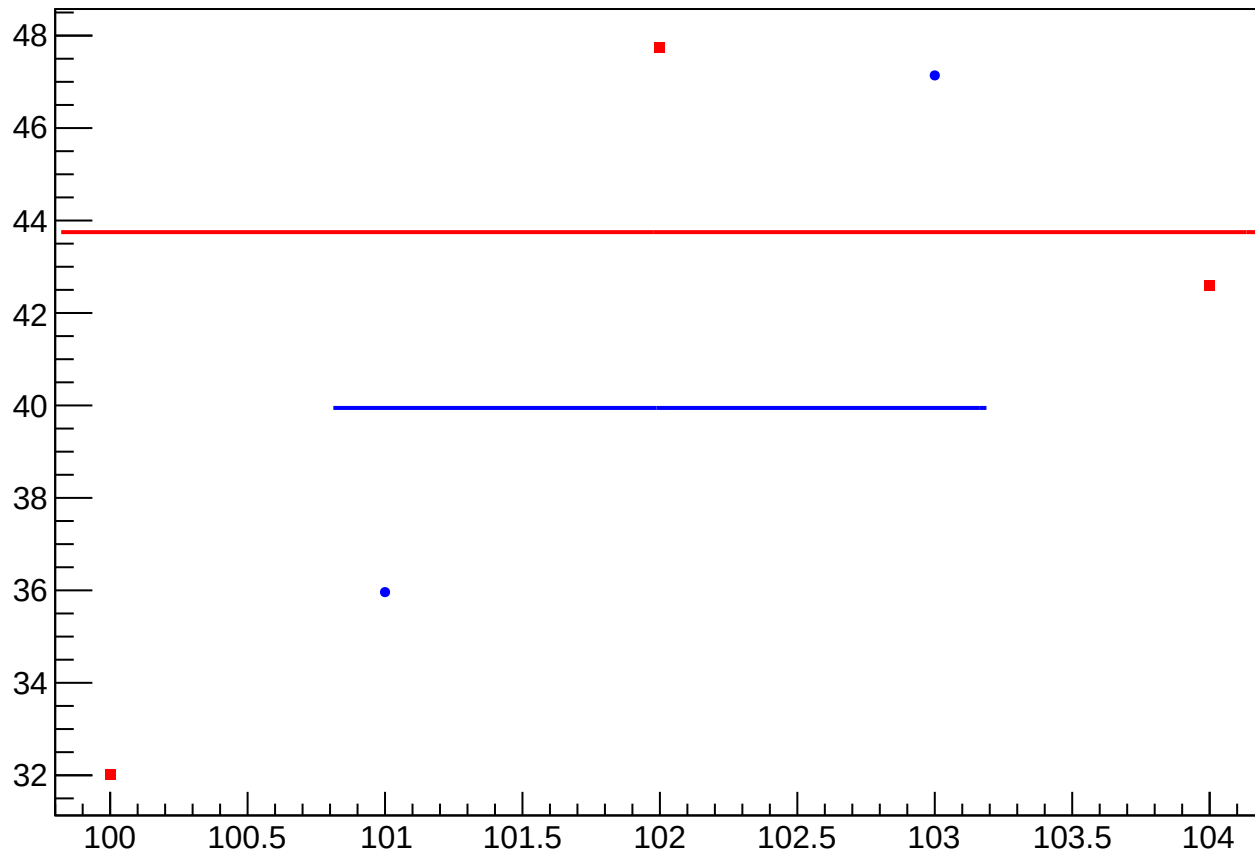
Right: -0.008+/-0.027 χ^2/NDF : 5.1/4

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.027 χ^2/NDF : 5.1/4

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: 43.749+/-0.029 χ^2/NDF : 28444.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

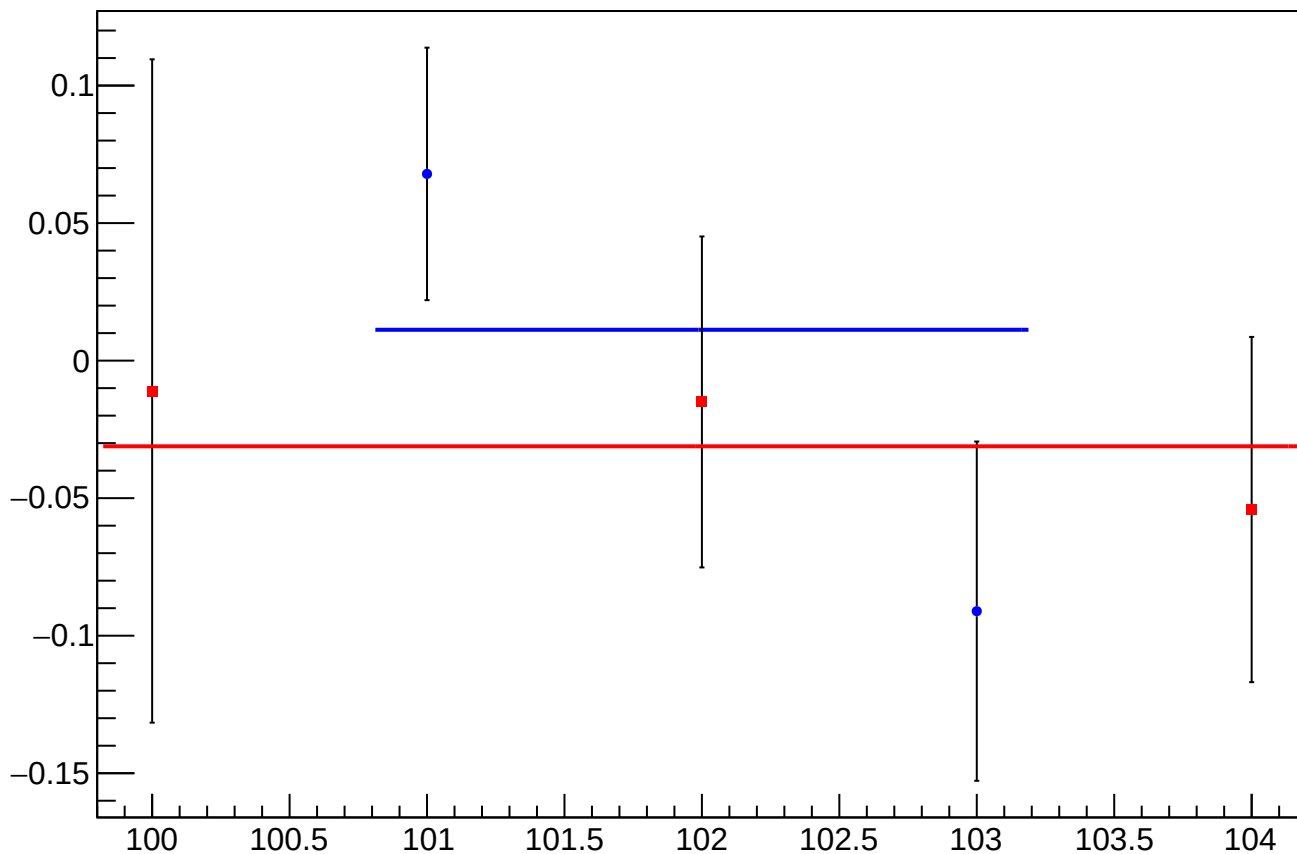
Right: 41.650+/-0.019 χ^2/NDF : 80284.0/4

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.650+/-0.019 χ^2/NDF : 80284.0/4

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: -0.031+/-0.041 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

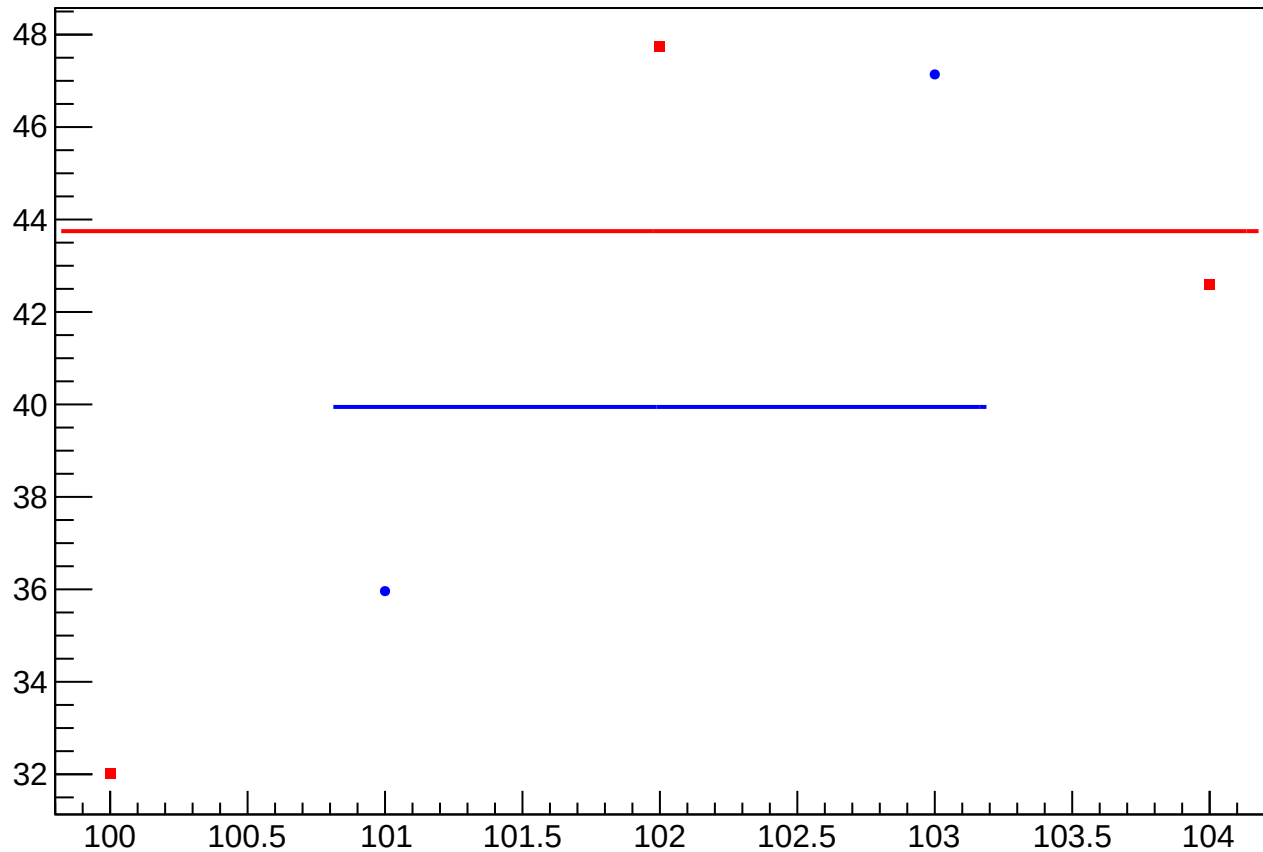
Right: -0.008+/-0.027 χ^2/NDF : 5.1/4

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.027 χ^2/NDF : 5.1/4

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: 43.749+/-0.029 χ^2/NDF : 28444.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

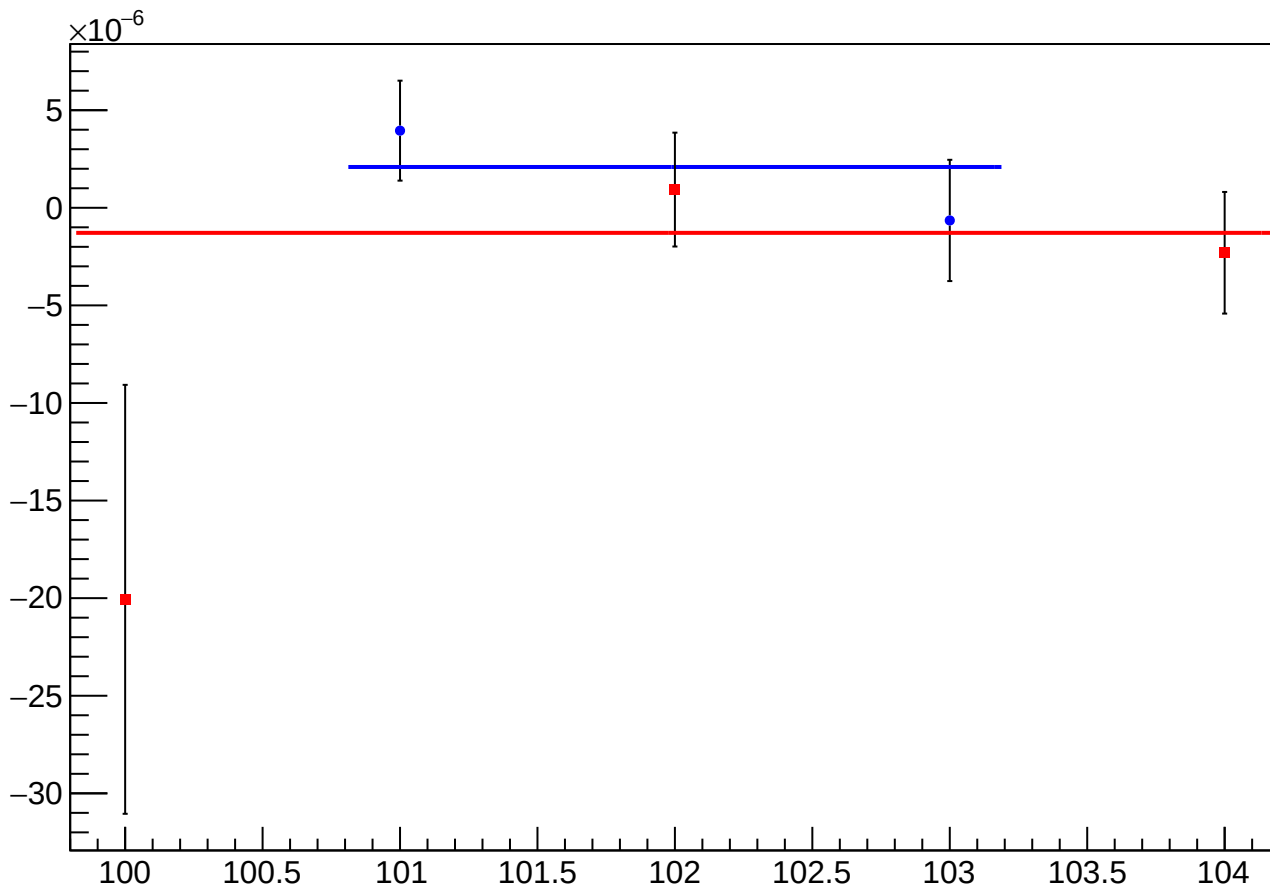
Right: 41.650+/-0.019 χ^2/NDF : 80284.0/4

In: 39.946+/-0.026 χ^2/NDF : 42279.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.650+/-0.019 χ^2/NDF : 80284.0/4

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/2

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

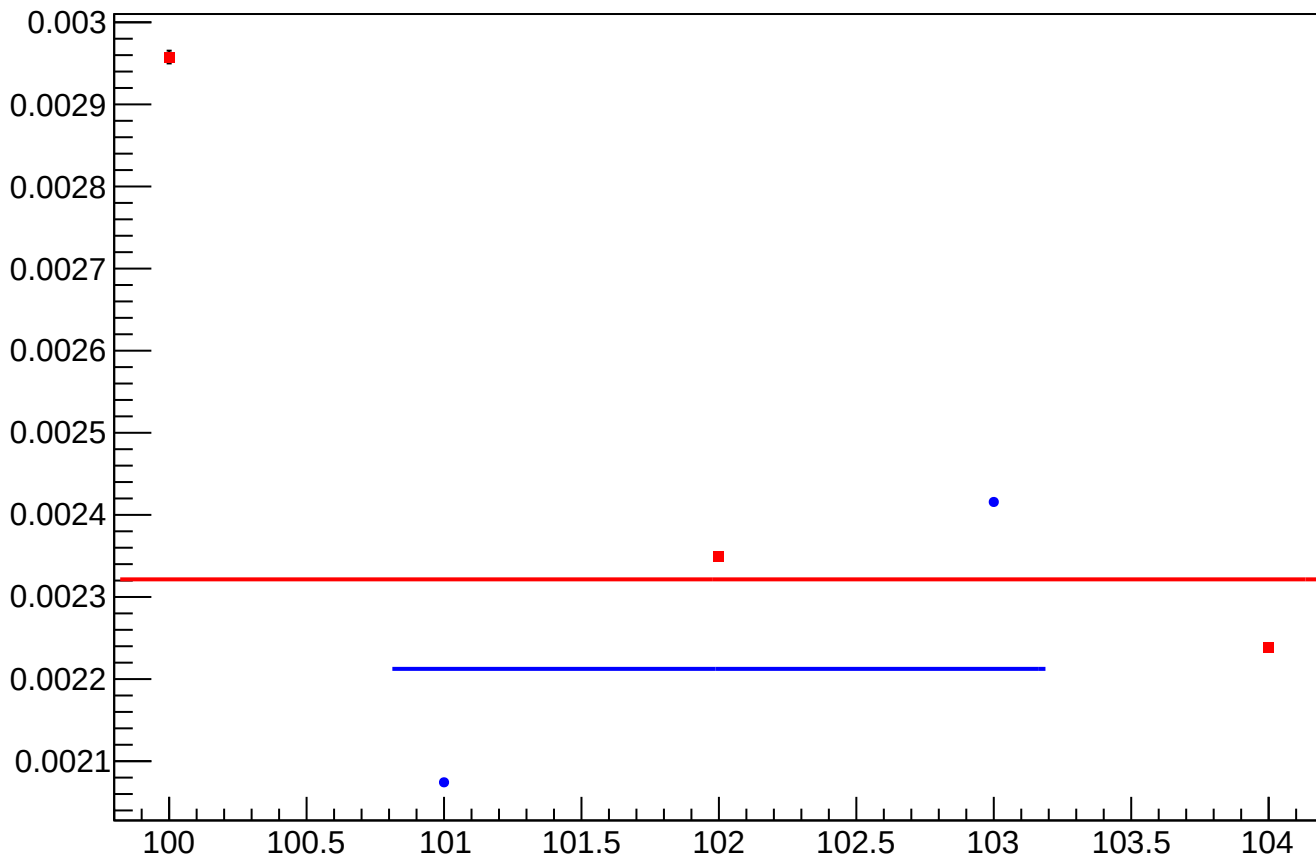
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/4

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: 6.3/4

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 : 8296.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

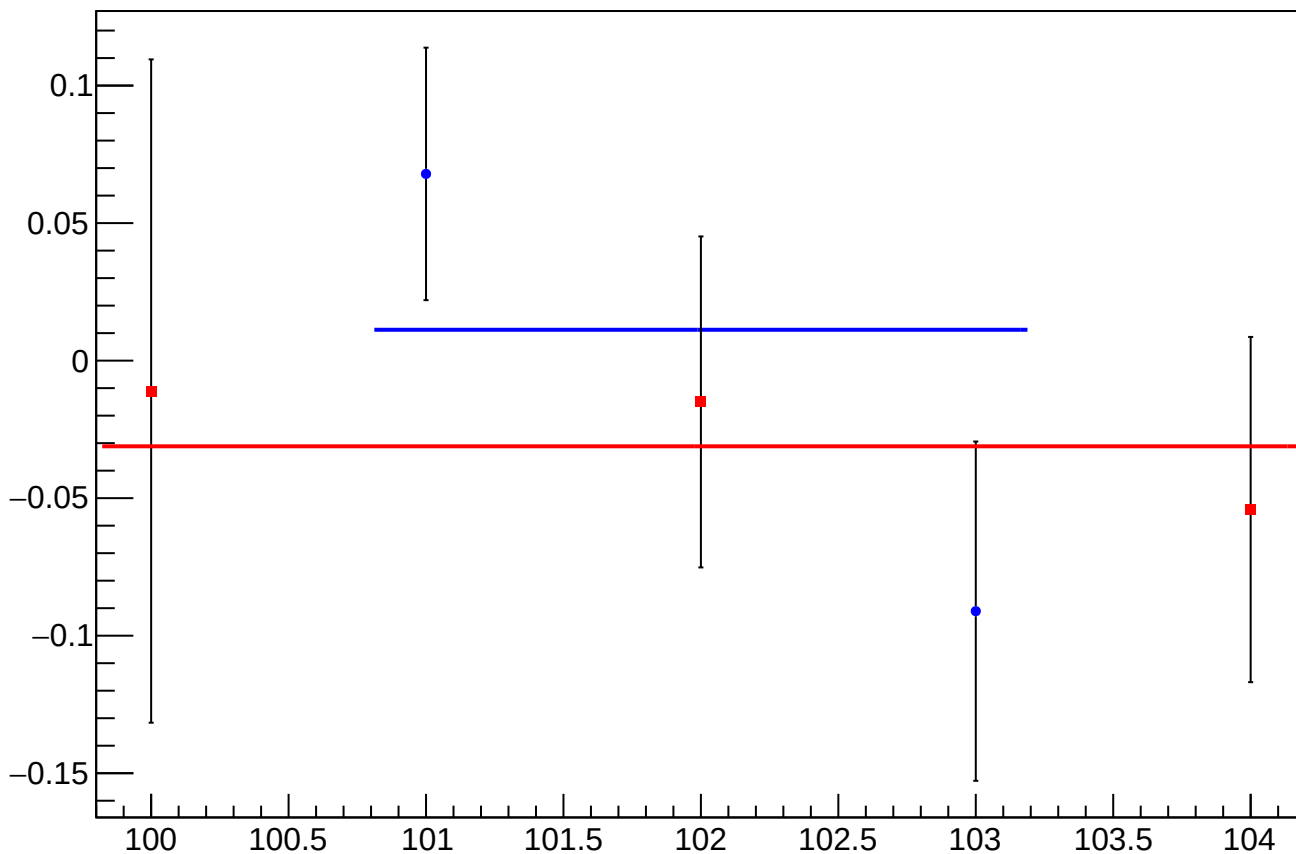
Right: 0.002+/-0.000 χ^2/NDF : 25560.3/4

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 : 25560.3/4

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.037 χ^2 /NDF: 4.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.041 χ^2 /NDF: 0.2/2

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

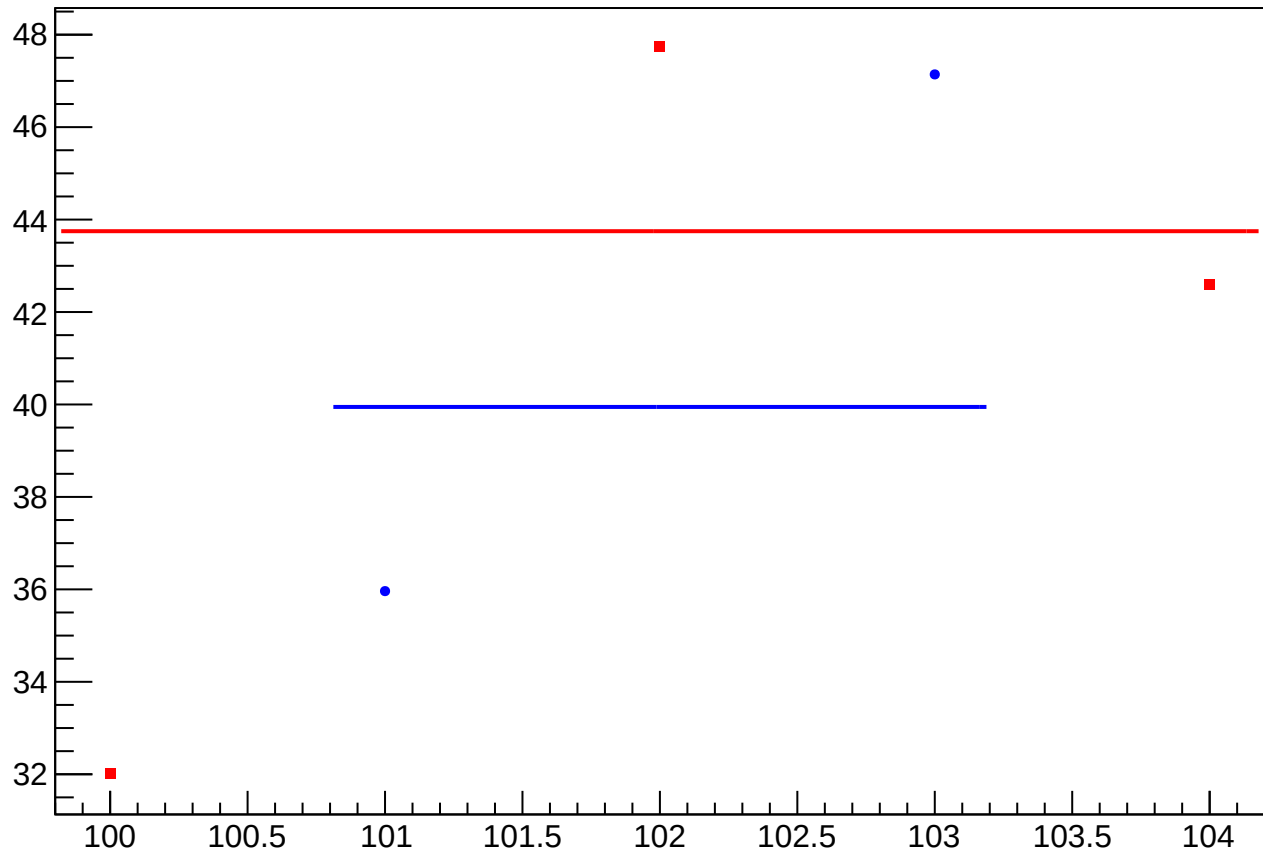
Right: -0.008 $\pm$ 0.027 χ^2 /NDF: 5.1/4

In: 0.011 $\pm$ 0.037 χ^2 /NDF:4.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.027 χ^2 /NDF: 5.1/4

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947 $\pm$ 0.026 χ^2 /NDF: 42286.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.749 $\pm$ 0.029 χ^2 /NDF: 28454.2/2

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

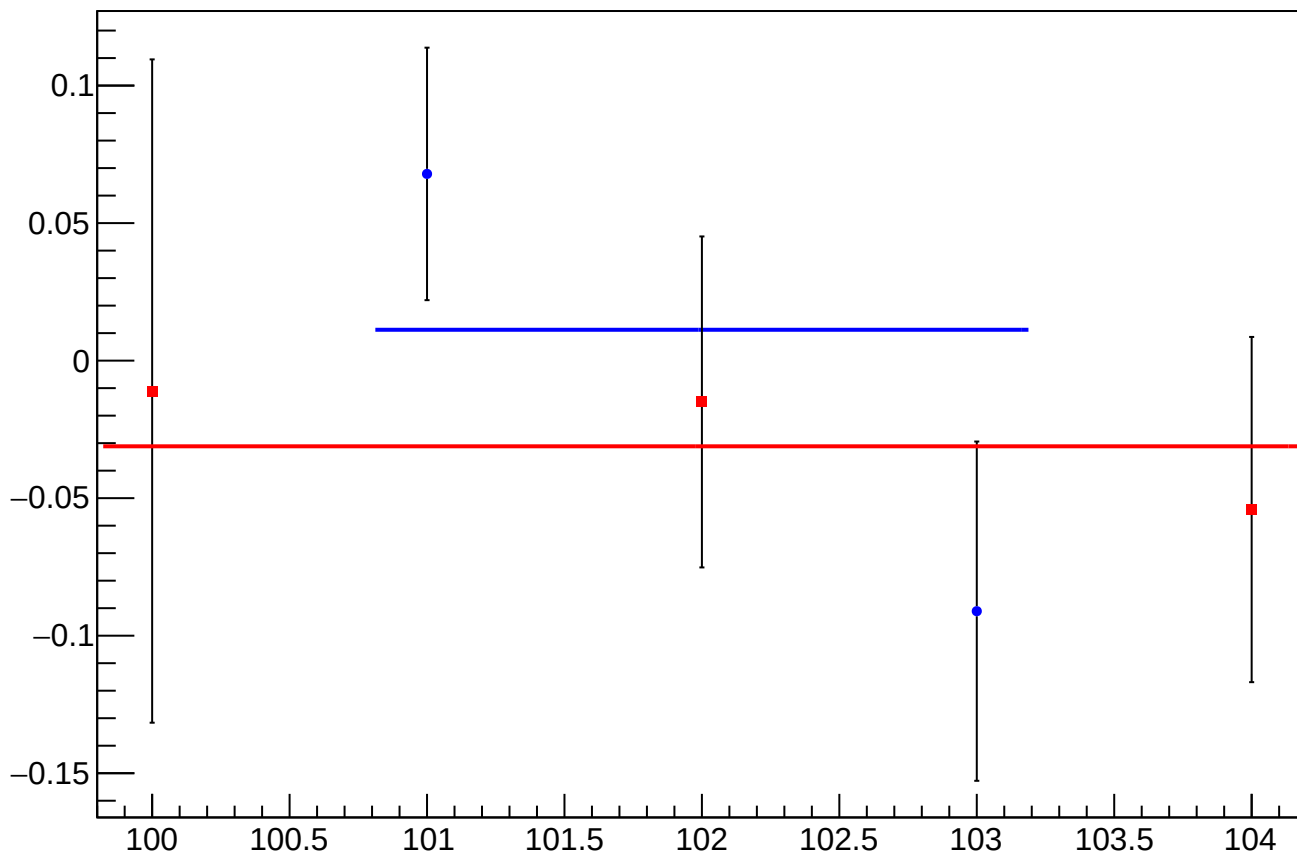
Right: 41.650 $\pm$ 0.019 χ^2 /NDF: 80297.5/4

In: 39.947 $\pm$ 0.026 χ^2 /NDF:42286.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.650 $\pm$ 0.019 χ^2 /NDF: 80297.5/4

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: -0.031+/-0.041 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

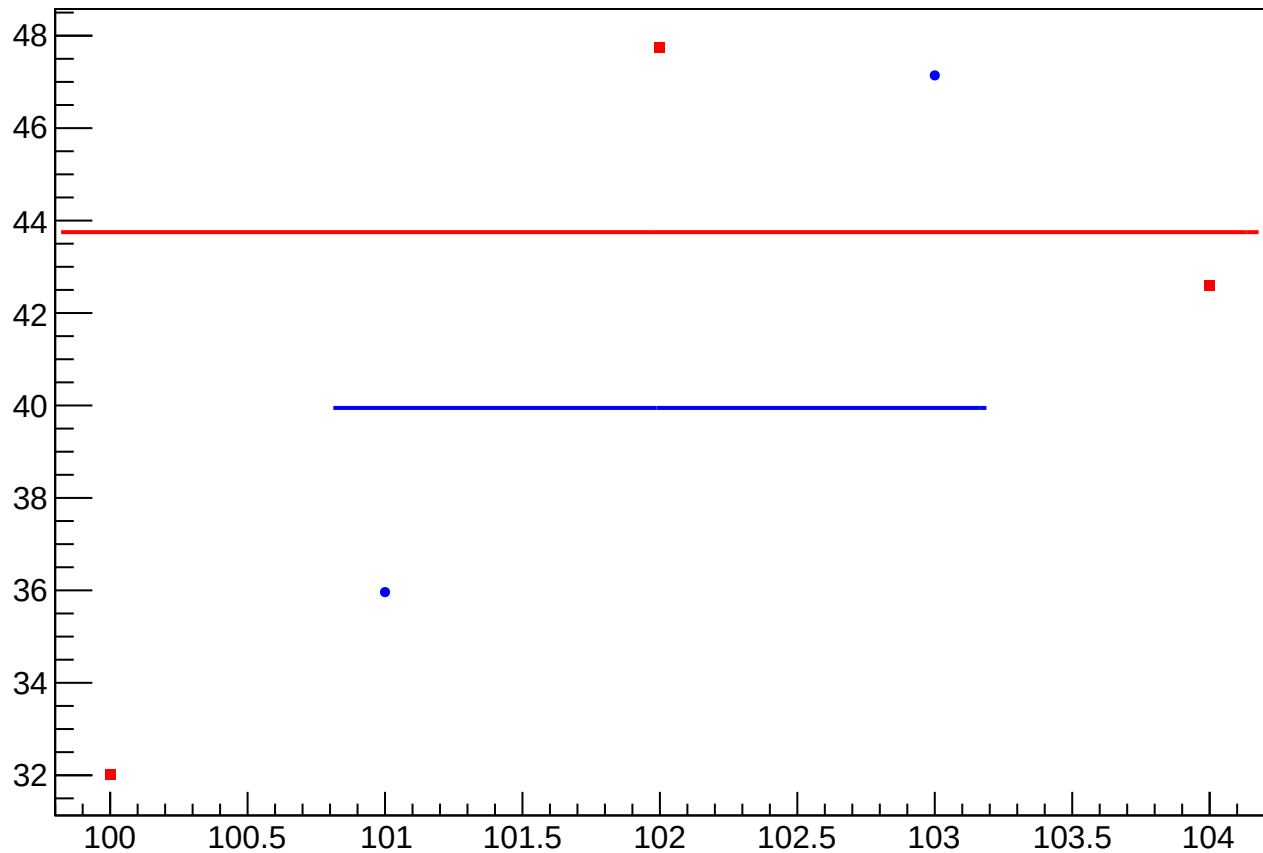
Right: -0.008+/-0.027 χ^2/NDF : 5.1/4

In: 0.011+/-0.037 χ^2/NDF : 4.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.027 χ^2/NDF : 5.1/4

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.947 ± 0.026 $\chi^2/\text{NDF}: 42286.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 43.749 ± 0.029 $\chi^2/\text{NDF}: 28454.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

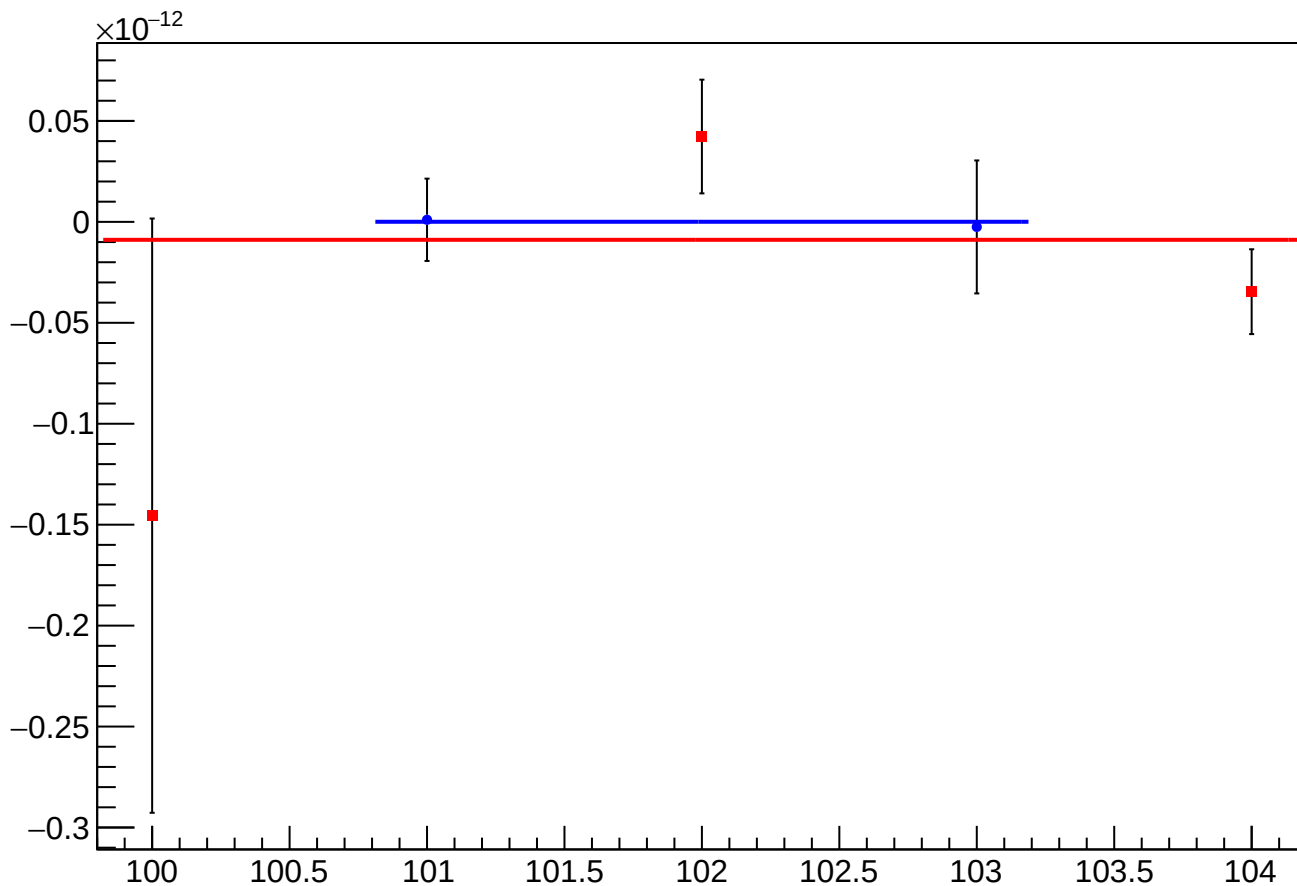
Right: 41.650 ± 0.019 $\chi^2/\text{NDF}: 80297.5/4$

In: 39.947 ± 0.026 $\chi^2/\text{NDF}: 42286.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 41.650 ± 0.019 $\chi^2/\text{NDF}: 80297.5/4$

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/2

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

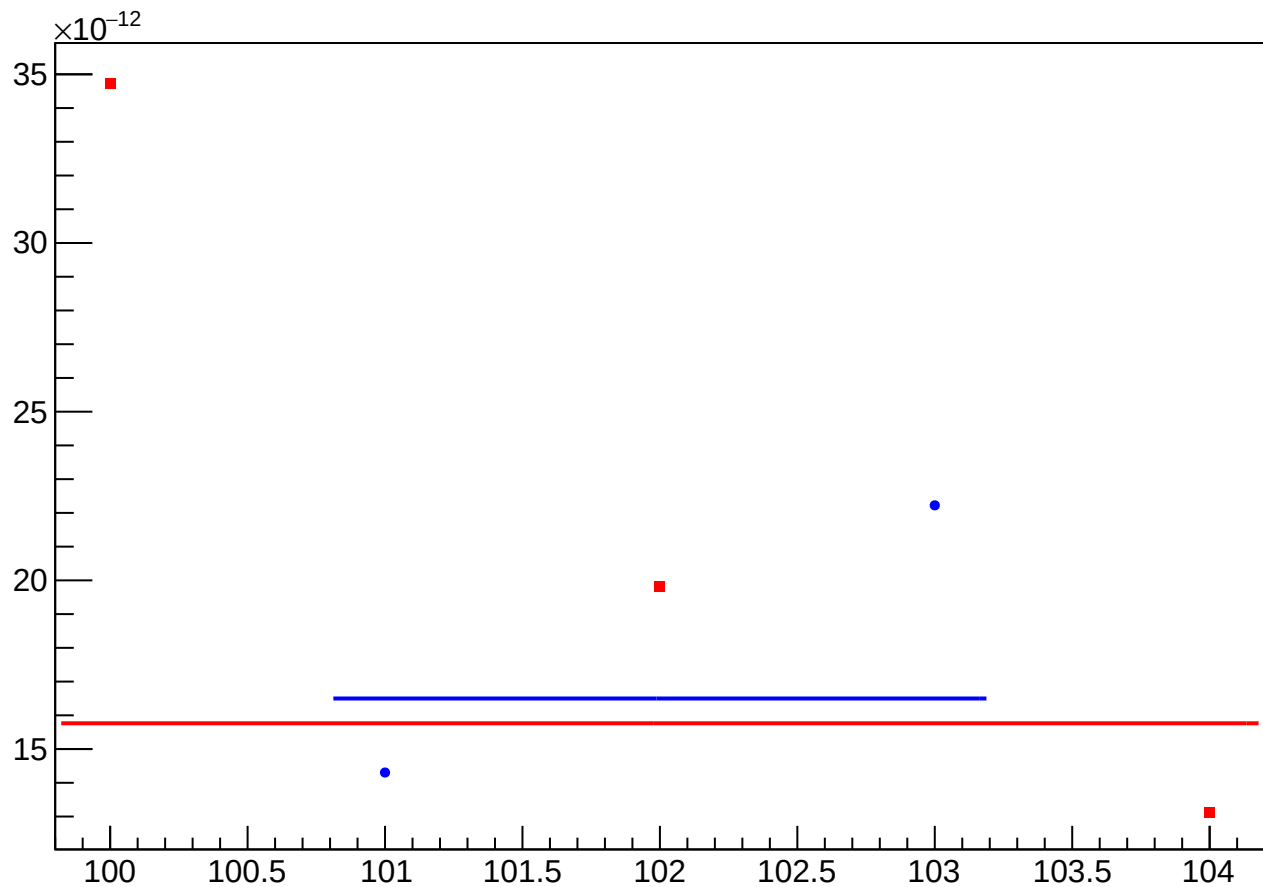
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/4

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: 5.8/4

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 : 106058.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

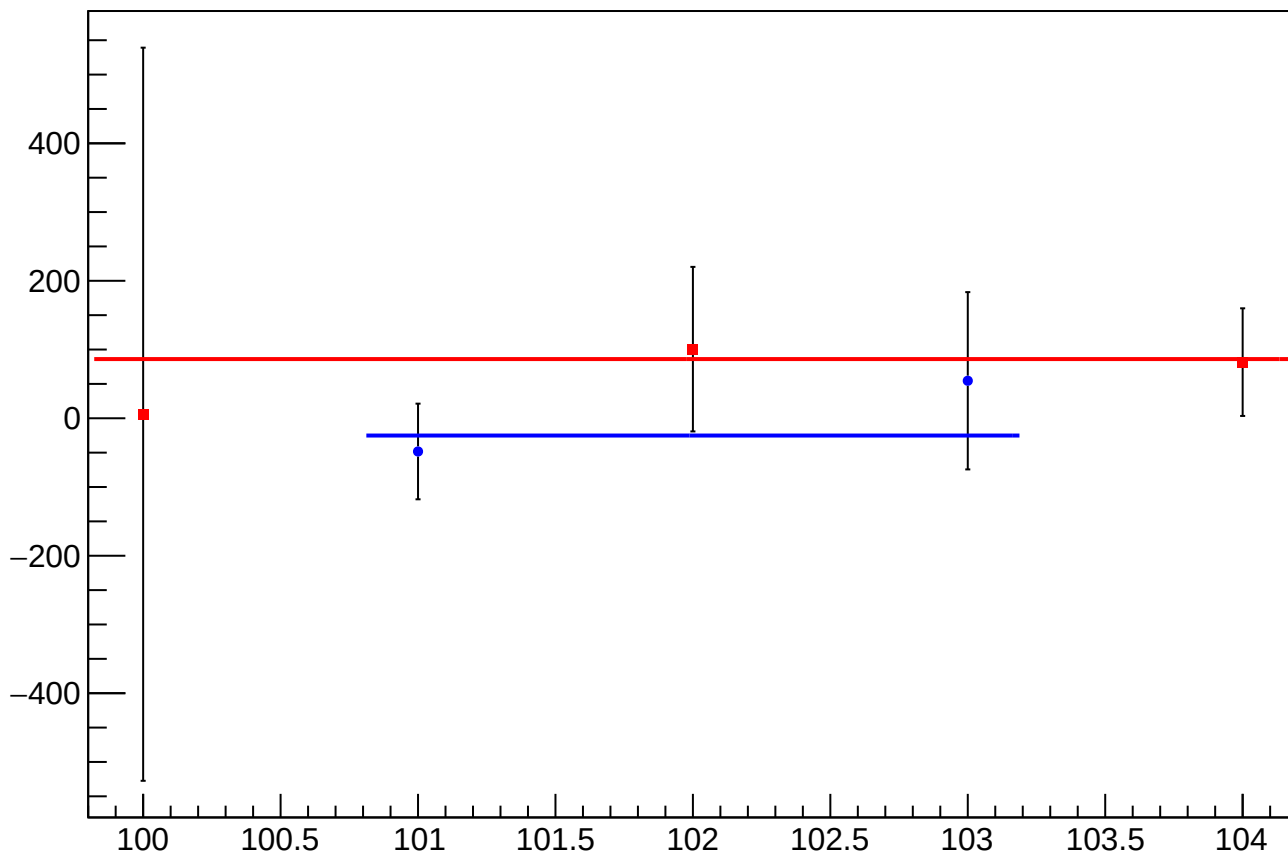
Right: 0.000+/-0.000 χ^2/NDF : 191528.8/4

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 : 191528.8/4

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: 86.124+/-65.030 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

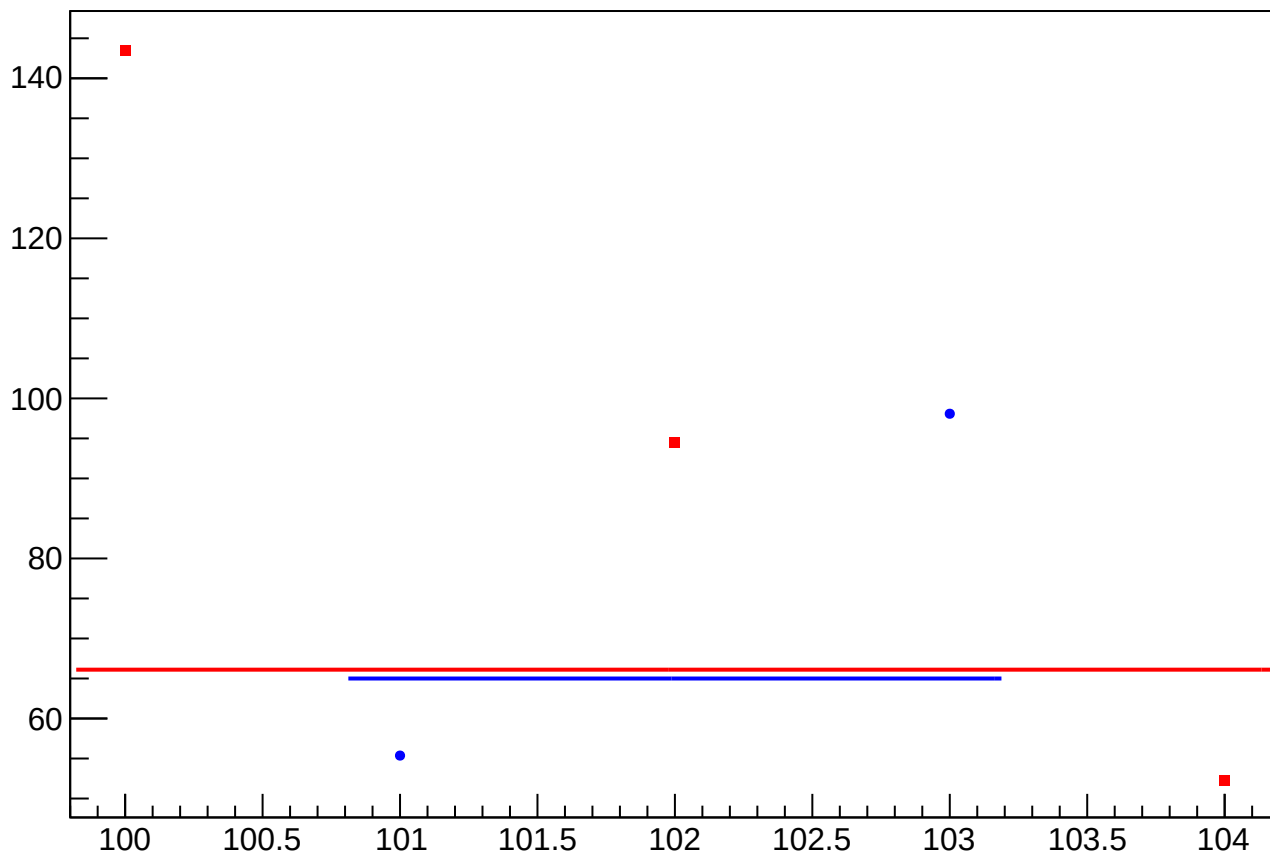
Right: 27.160+/-44.581 χ^2/NDF : 2.1/4

In: -25.121+/-61.234 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.160+/-44.581 χ^2/NDF : 2.1/4

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: 66.102 $\pm$ 0.046 χ^2 /NDF: 217315.5/2

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

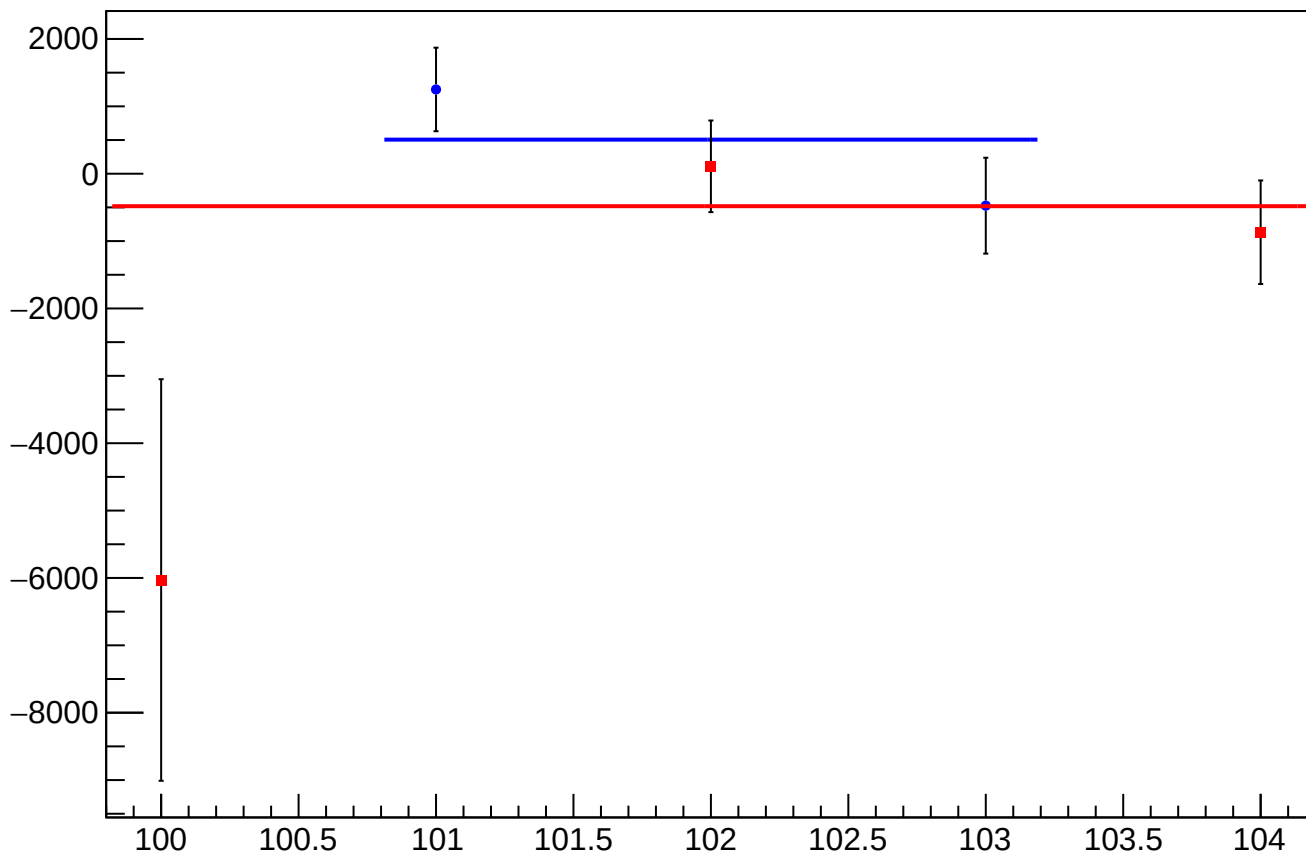
Right: 65.516 $\pm$ 0.032 χ^2 /NDF: 387576.9/4

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: 65.516 $\pm$ 0.032 χ^2 /NDF: 387576.9/4

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 505.932 $\pm$ 467.509 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -482.015 $\pm$ 502.021 χ^2 /NDF: 4.5/2

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

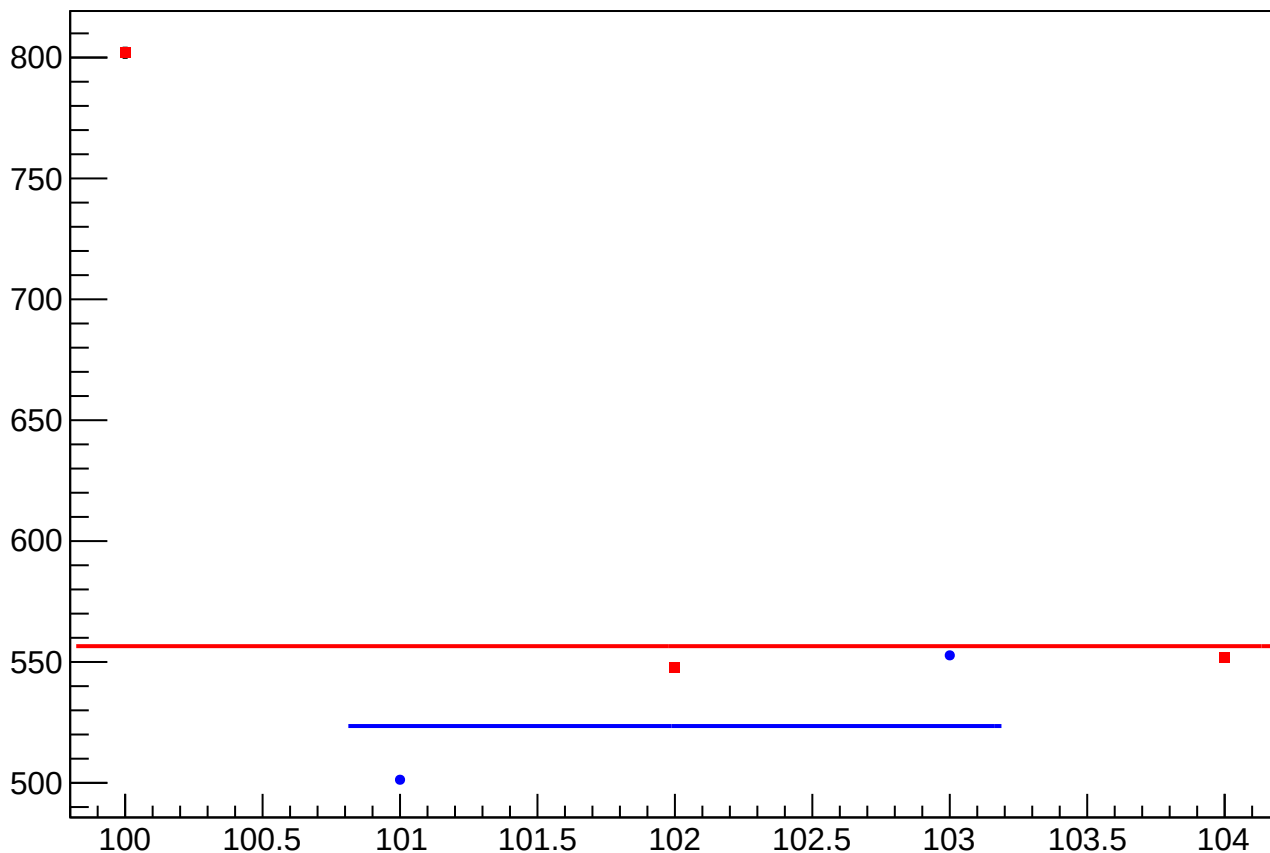
Right: 47.081 $\pm$ 342.130 χ^2 /NDF: 9.9/4

In: 505.932 $\pm$ 467.509 χ^2 /NDF:3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.081 $\pm$ 342.130 χ^2 /NDF: 9.9/4

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 523.506+/-0.331 χ^2/NDF : 5942.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.544+/-0.355 χ^2/NDF : 13992.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

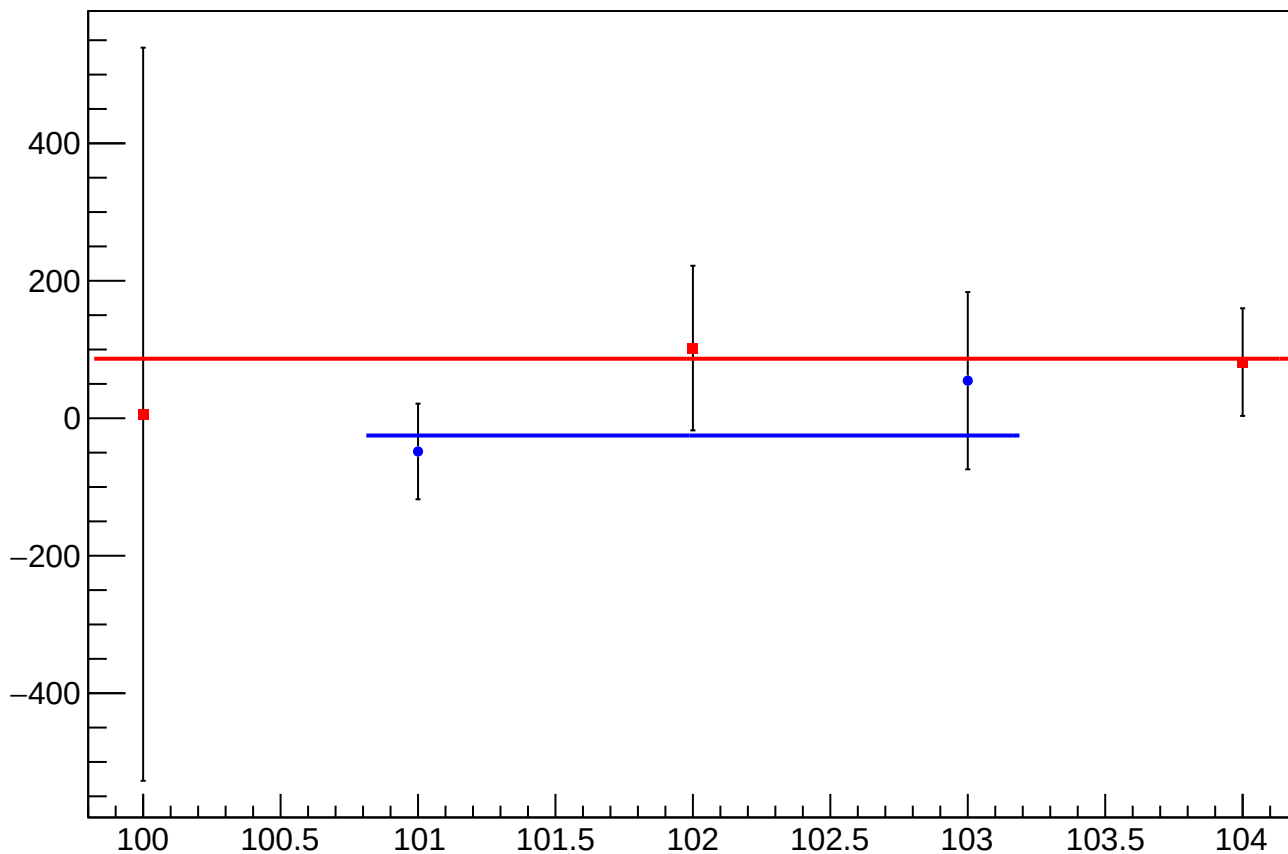
Right: 538.851+/-0.242 χ^2/NDF : 24573.3/4

In: 523.506+/-0.331 χ^2/NDF : 5942.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.851+/-0.242 χ^2/NDF : 24573.3/4

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: 86.612 $\pm$ 65.039 χ^2 /NDF: 0.0/2

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

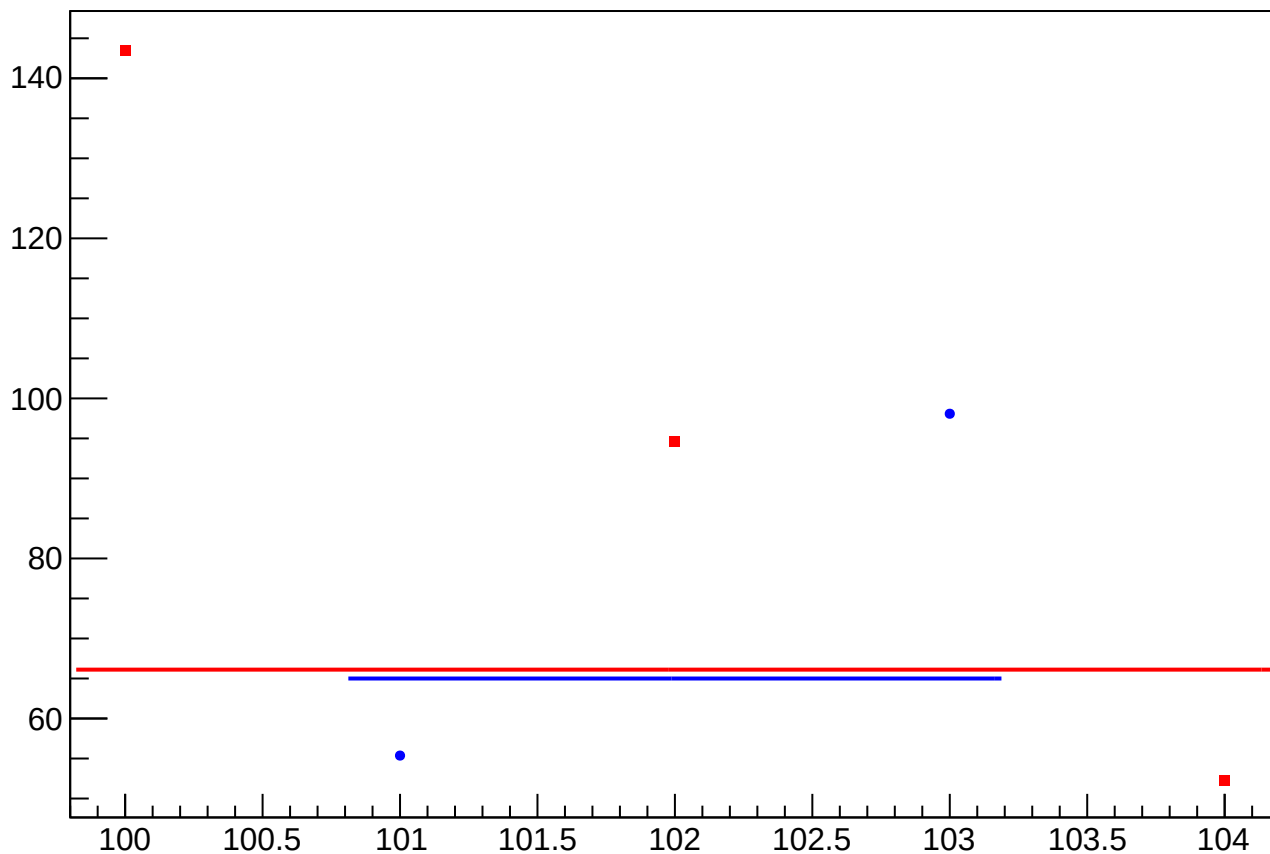
Right: 27.399 $\pm$ 44.584 χ^2 /NDF: 2.1/4

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: 27.399 $\pm$ 44.584 χ^2 /NDF: 2.1/4

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: 66.106 $\pm$ 0.046 χ^2 /NDF: 217531.4/2

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

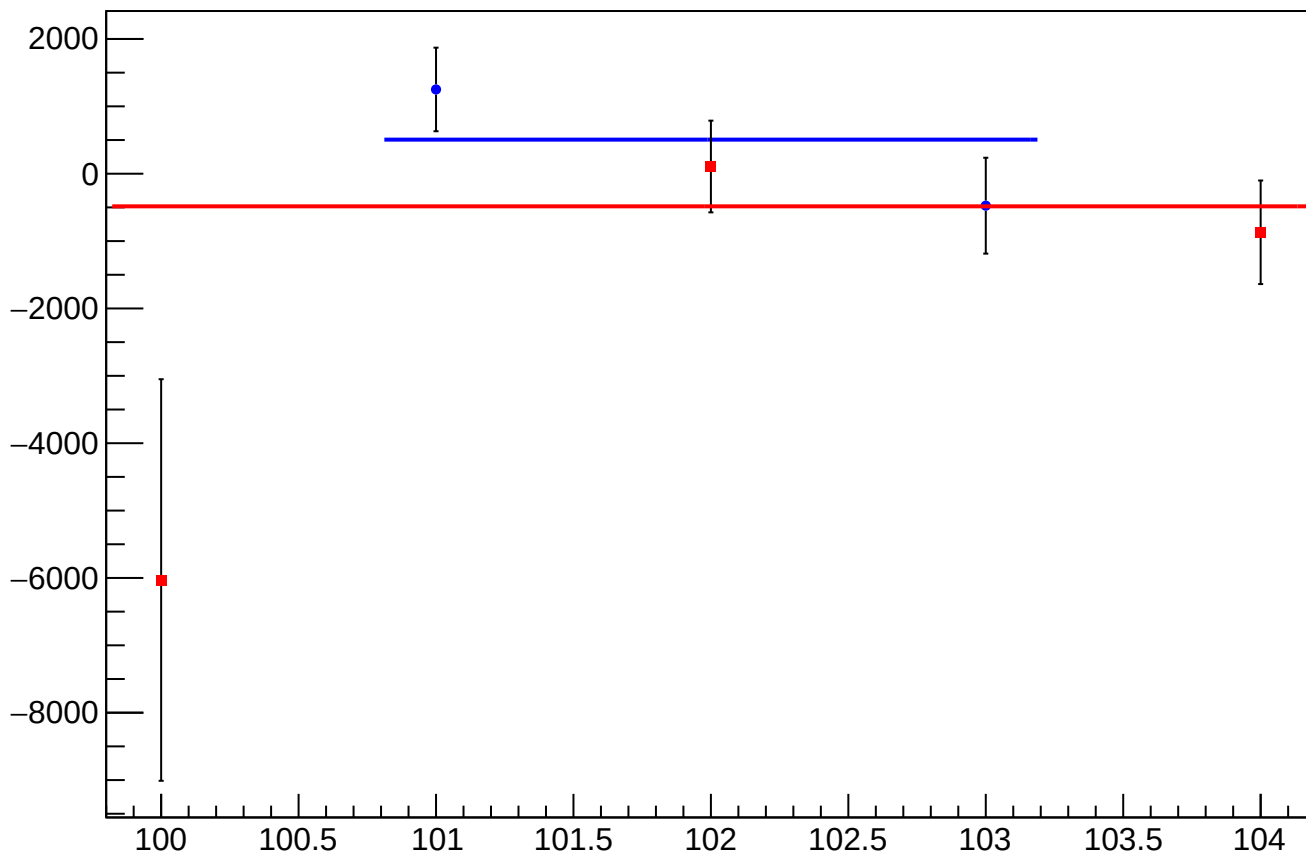
Right: 65.518 $\pm$ 0.032 χ^2 /NDF: 387798.0/4

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: 65.518 $\pm$ 0.032 χ^2 /NDF: 387798.0/4

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 505.972+/-467.529 χ^2/NDF : 3.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -484.122+/-502.225 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

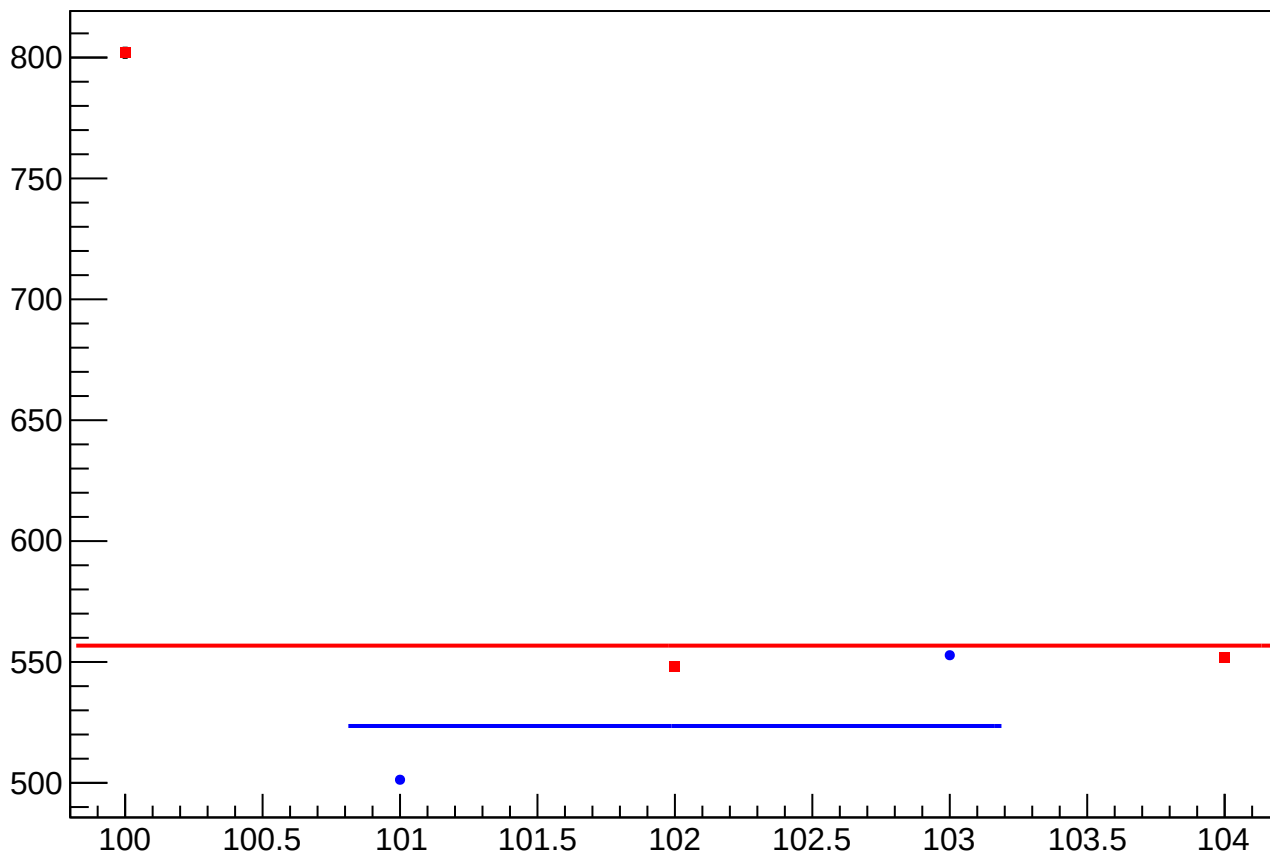
Right: 46.304+/-342.202 χ^2/NDF : 9.9/4

In: 505.972+/-467.529 χ^2/NDF :3.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 46.304+/-342.202 χ^2/NDF : 9.9/4

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: 556.765 ± 0.355 $\chi^2/\text{NDF}: 13962.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

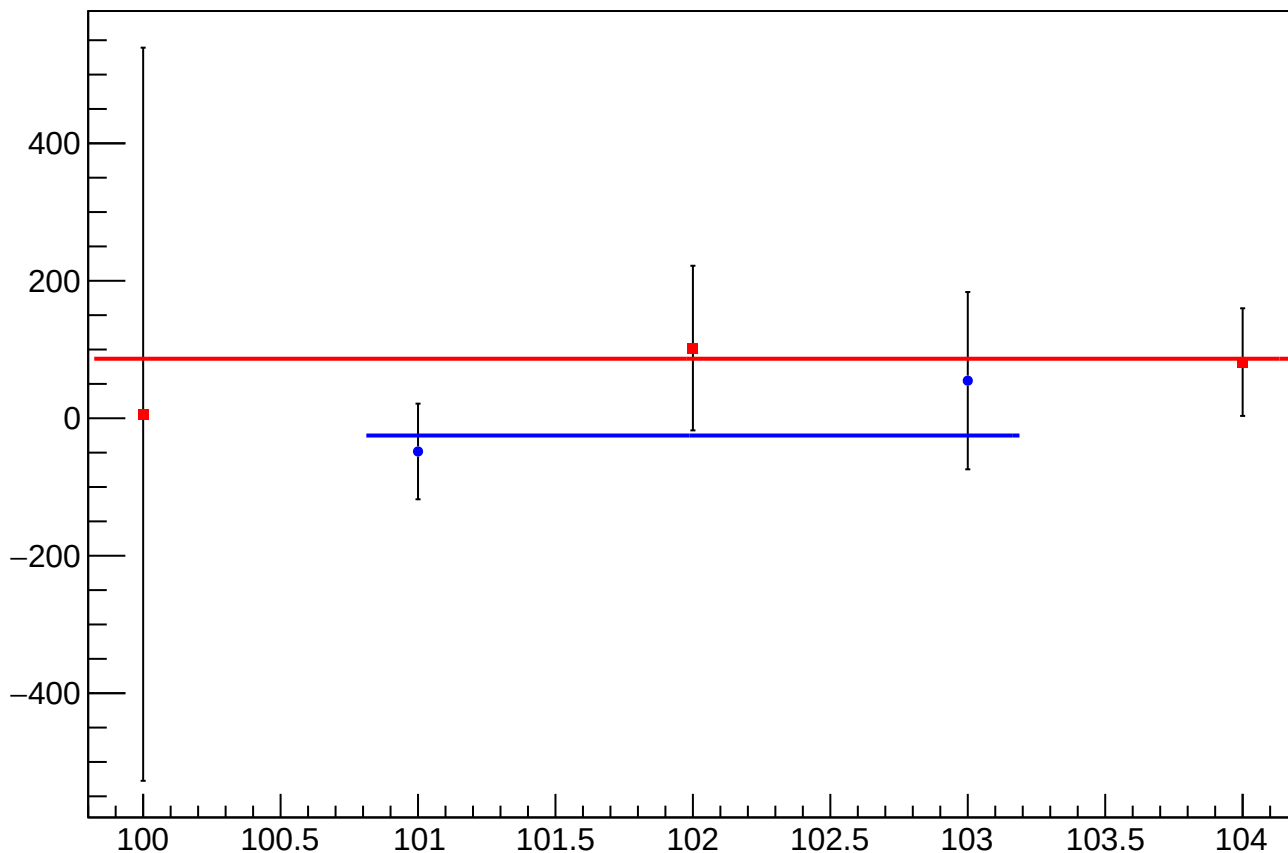
Right: 538.958 ± 0.242 $\chi^2/\text{NDF}: 24609.1/4$

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: 538.958 ± 0.242 $\chi^2/\text{NDF}: 24609.1/4$

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -25.089+/-61.234 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.612+/-65.039 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

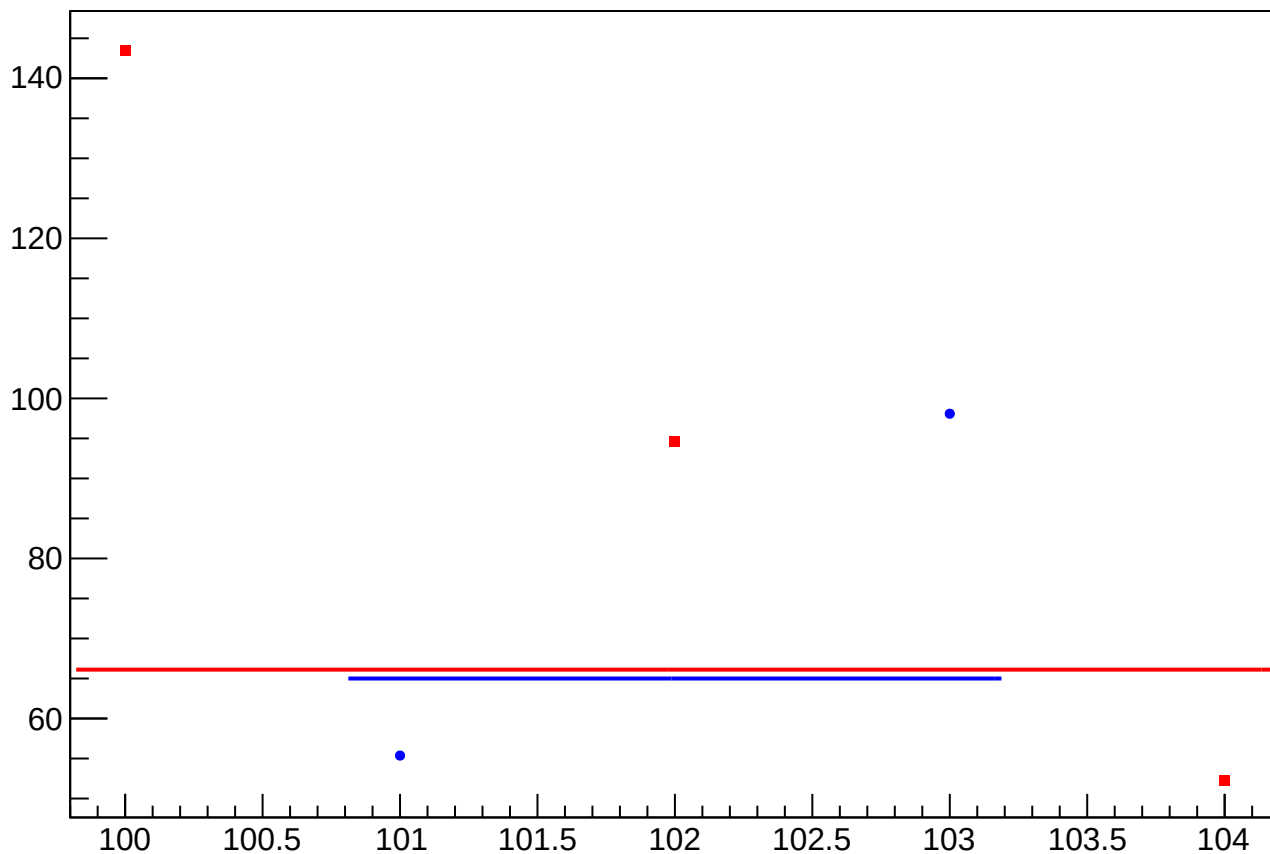
Right: 27.399+/-44.584 χ^2/NDF : 2.1/4

In: -25.089+/-61.234 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.399+/-44.584 χ^2/NDF : 2.1/4

eigen_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: 66.106 $\pm$ 0.046 χ^2 /NDF: 217531.4/2

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

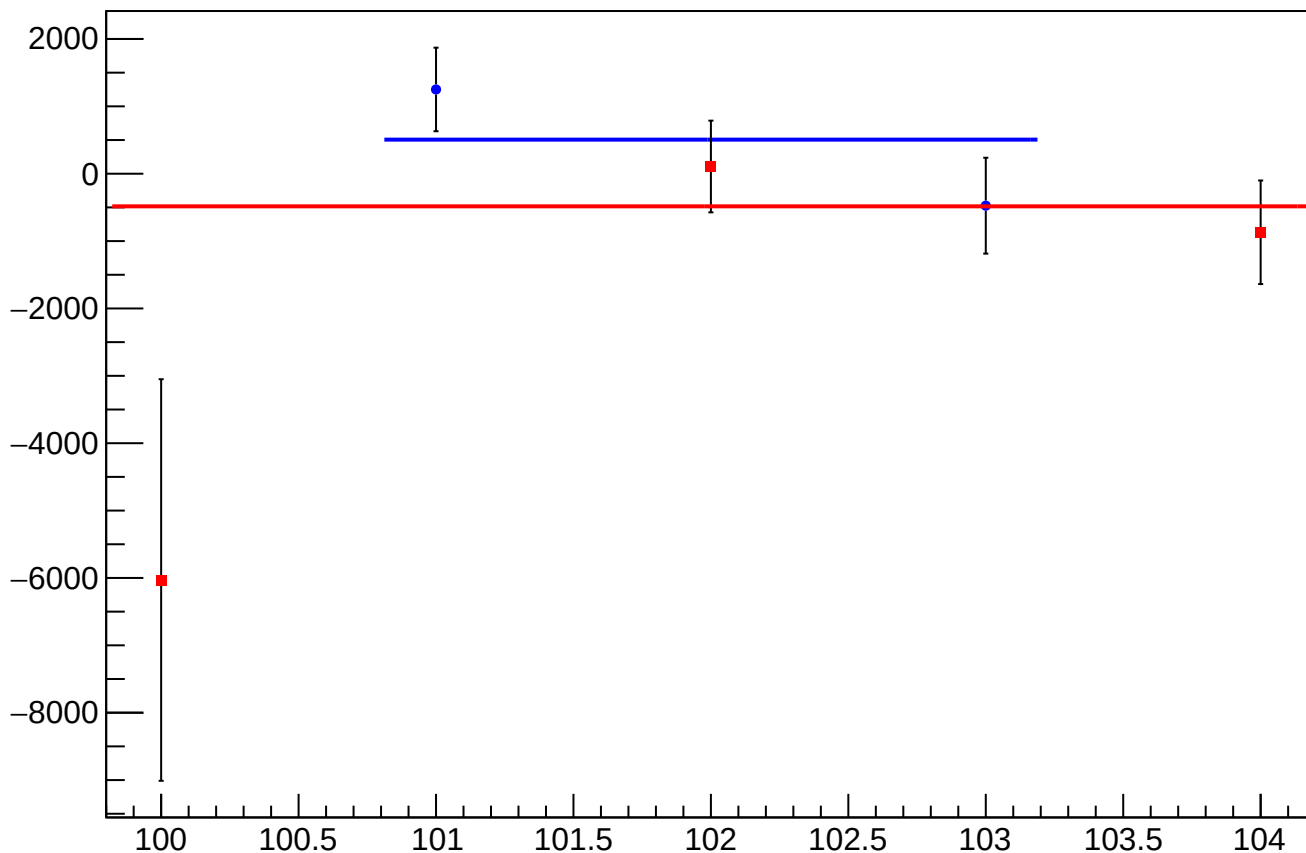
Right: 65.518 $\pm$ 0.032 χ^2 /NDF: 387798.0/4

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: 65.518 $\pm$ 0.032 χ^2 /NDF: 387798.0/4

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: -484.122 $\pm$ 502.225 χ^2 /NDF: 4.5/2

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

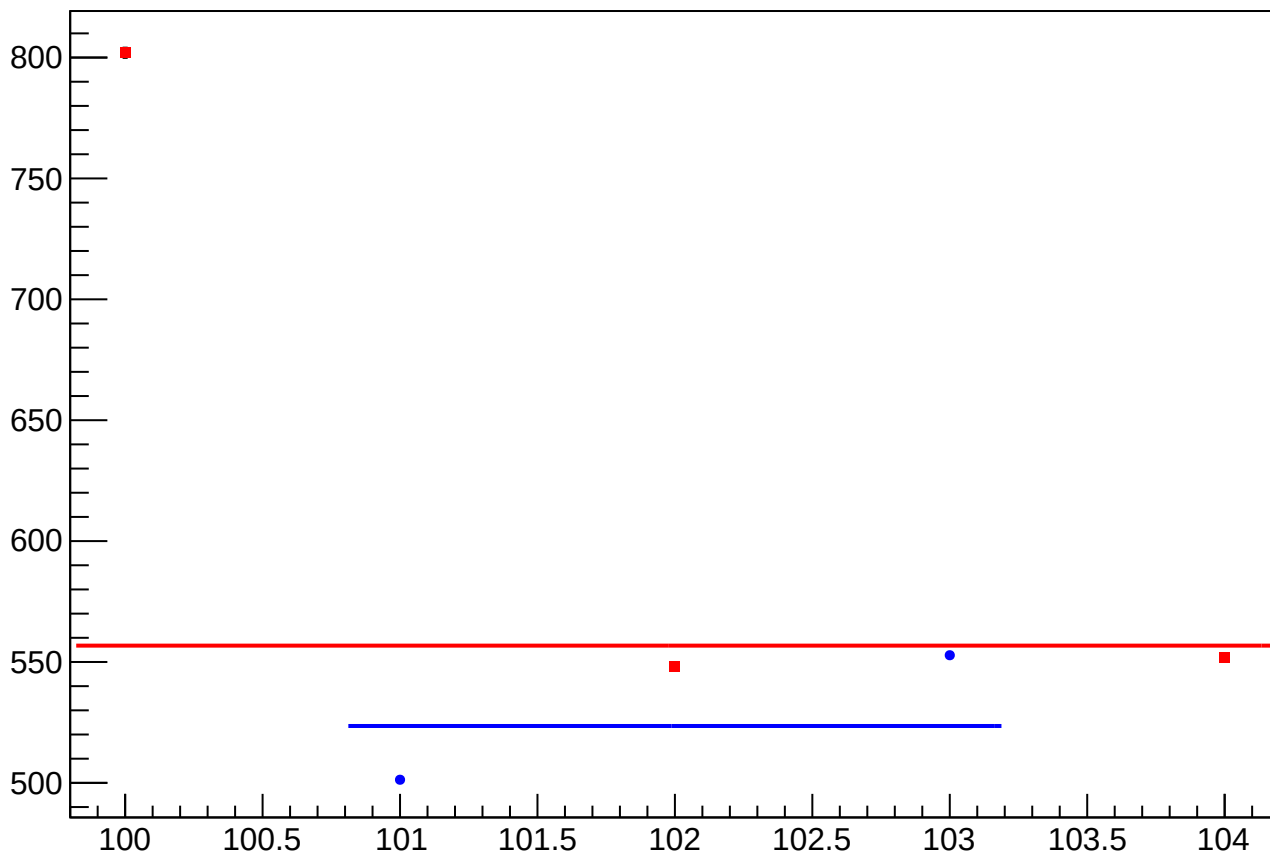
Right: 46.304 $\pm$ 342.202 χ^2 /NDF: 9.9/4

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: 46.304 $\pm$ 342.202 χ^2 /NDF: 9.9/4

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 523.527+/-0.331 χ^2/NDF : 5953.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 556.765+/-0.355 χ^2/NDF : 13962.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

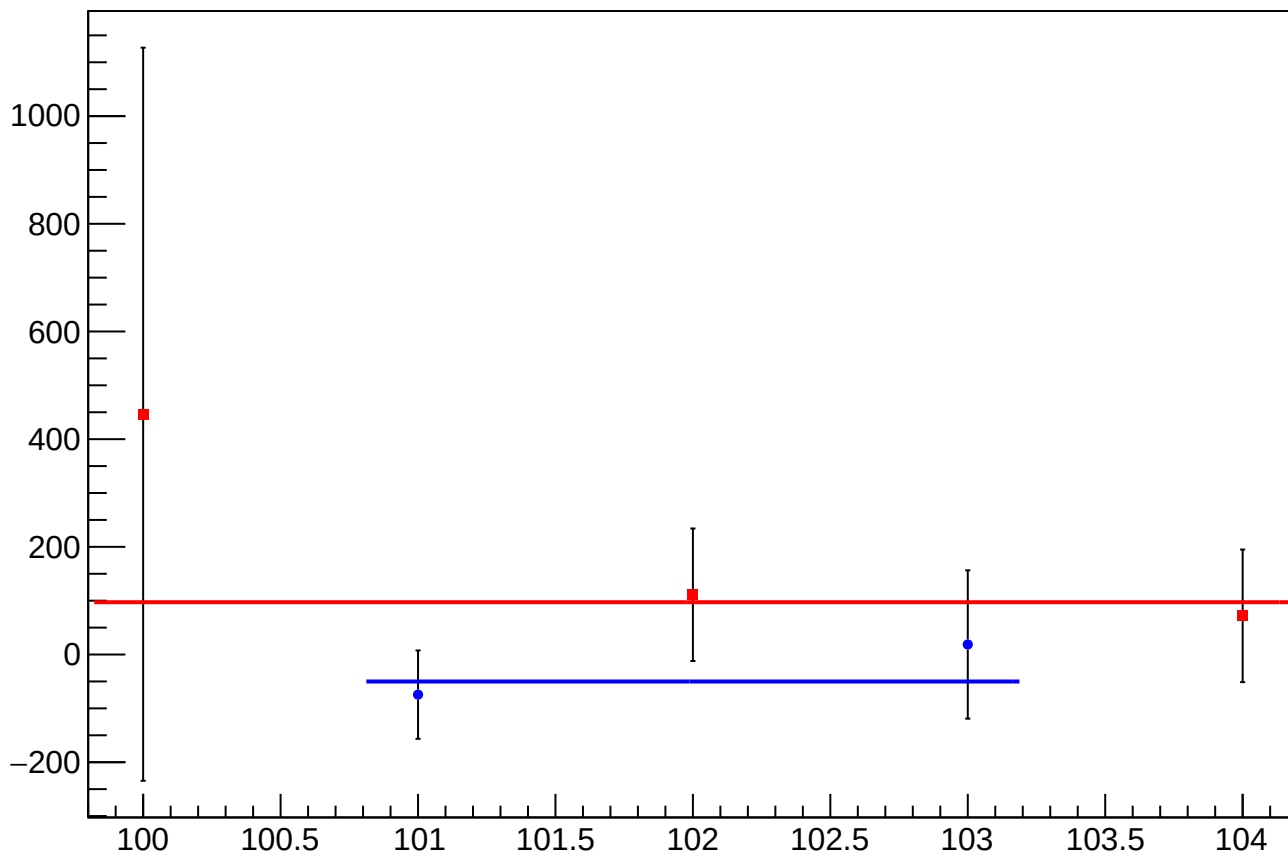
Right: 538.958+/-0.242 χ^2/NDF : 24609.1/4

In: 523.527+/-0.331 χ^2/NDF : 5953.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 538.958+/-0.242 χ^2/NDF : 24609.1/4

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.107+/-70.514 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.180+/-86.342 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

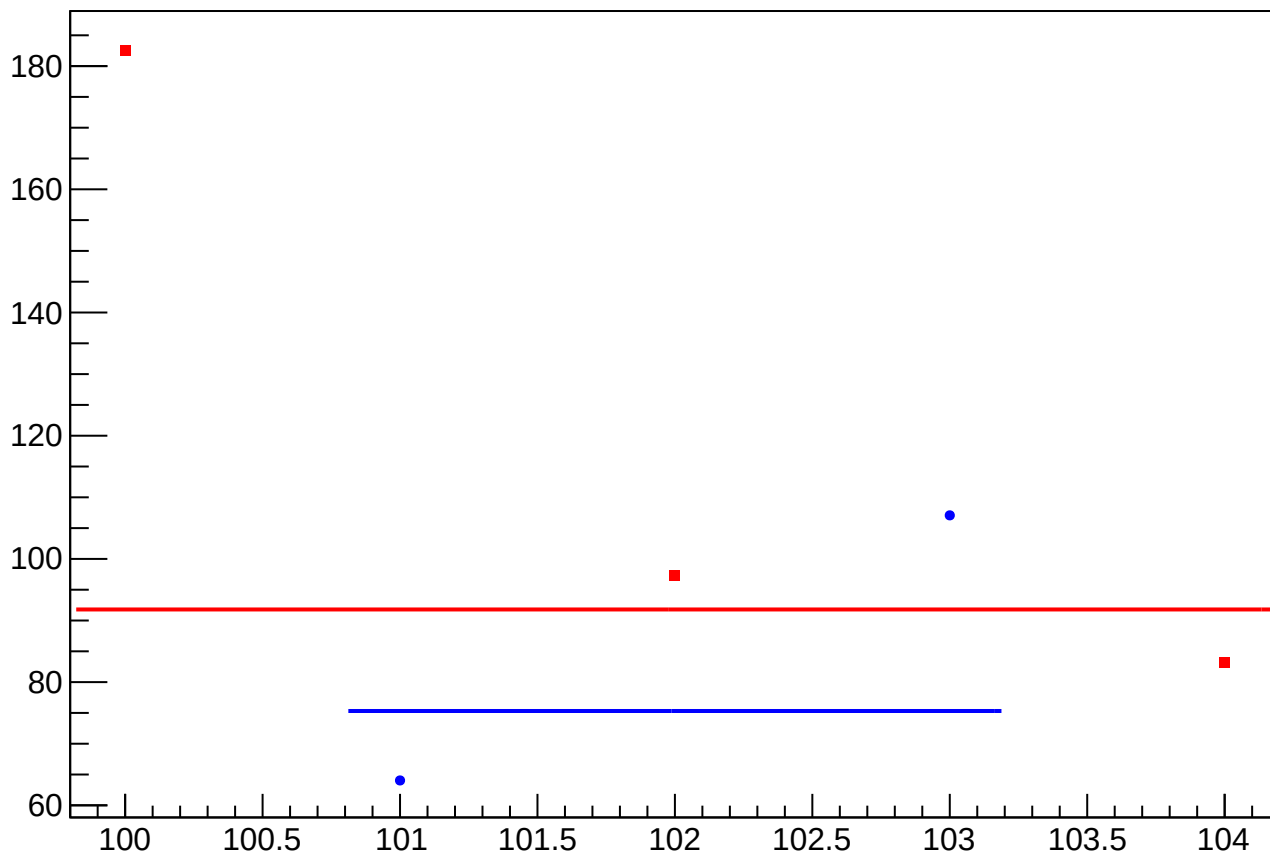
Right: 8.824+/-54.615 χ^2/NDF : 2.4/4

In: -50.107+/-70.514 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.824+/-54.615 χ^2/NDF : 2.4/4

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: 91.794 $\pm$ 0.061 χ^2 /NDF: 49235.3/2

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

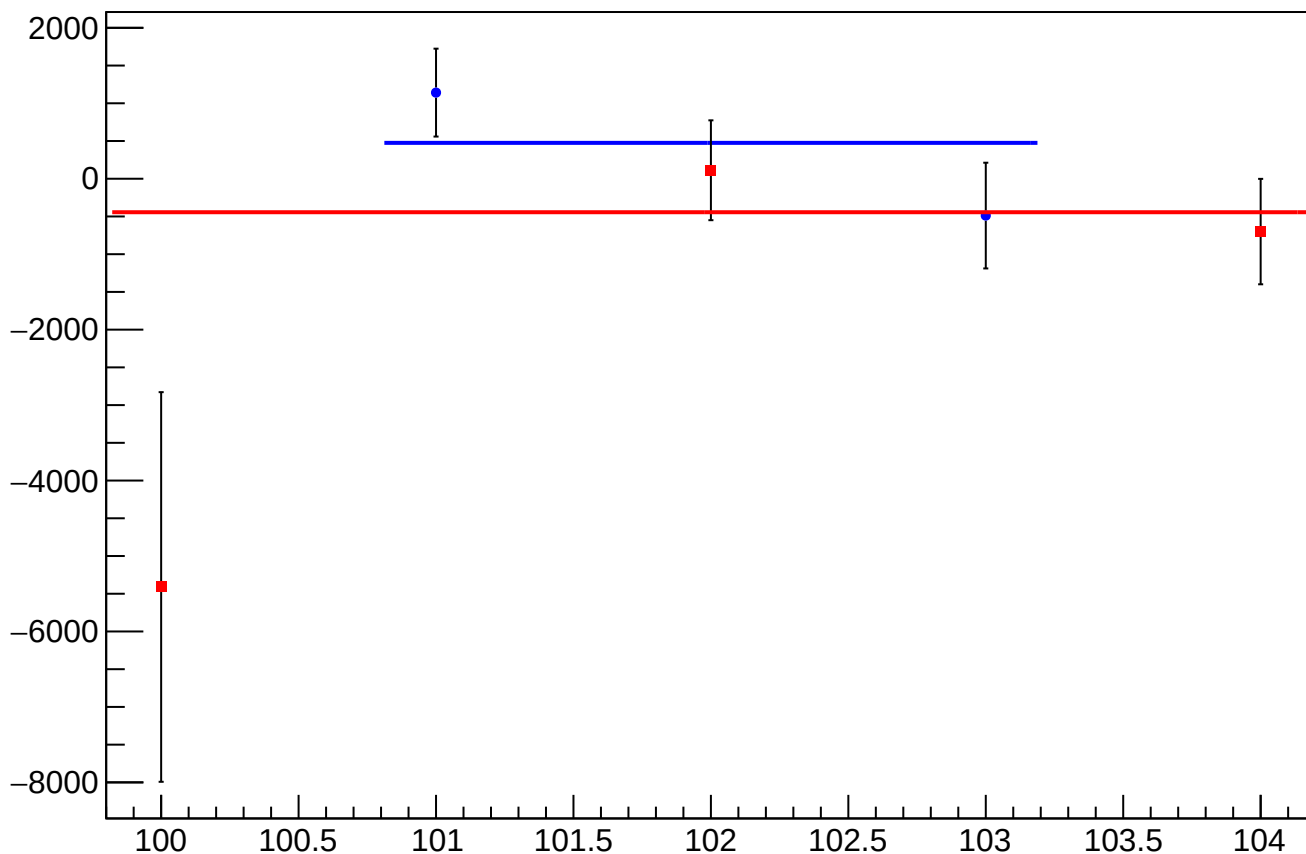
Right: 81.907 $\pm$ 0.039 χ^2 /NDF: 236971.9/4

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: 81.907 $\pm$ 0.039 χ^2 /NDF: 236971.9/4

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.463+/-447.854 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -443.864+/-472.296 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

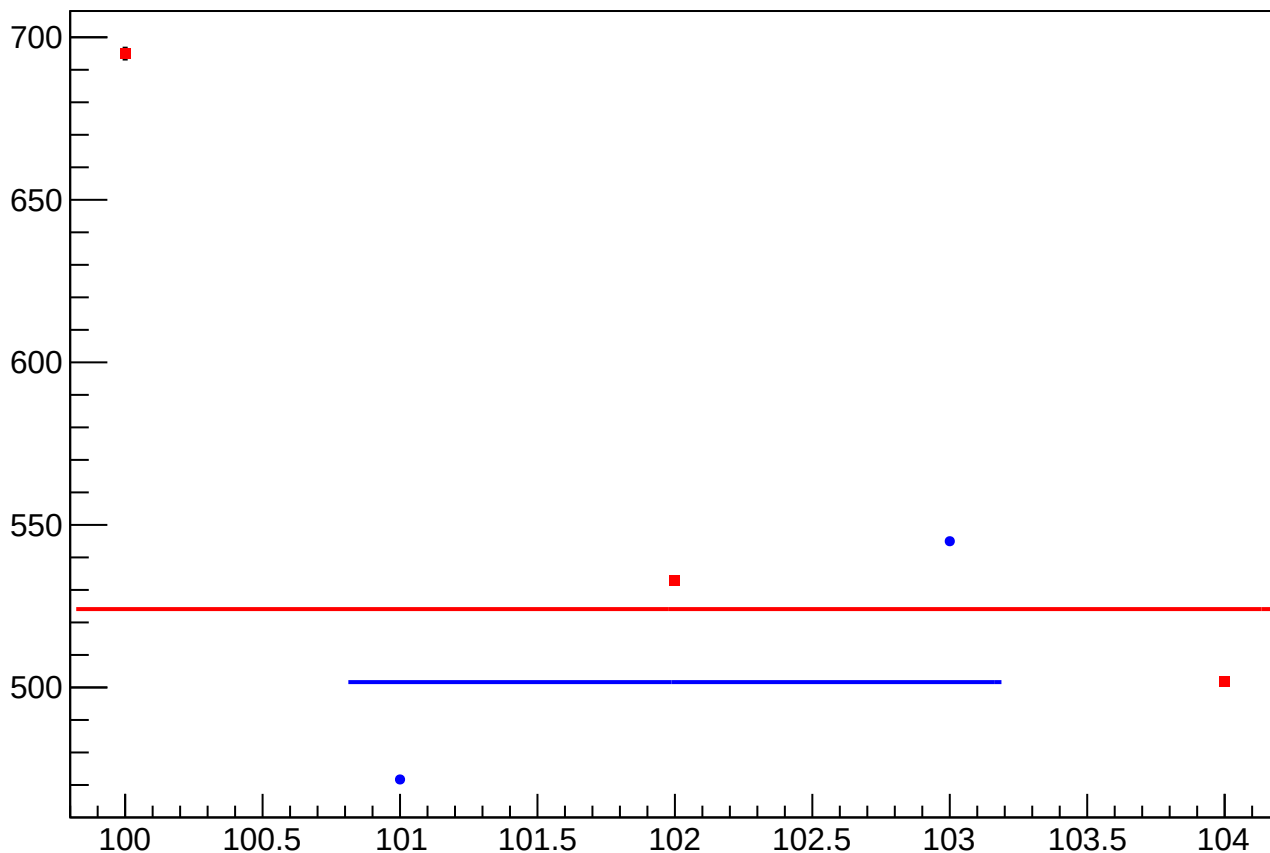
Right: 40.203+/-324.978 χ^2/NDF : 9.7/4

In: 475.463+/-447.854 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.203+/-324.978 χ^2/NDF : 9.7/4

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 501.644+/-0.317 χ^2/NDF : 12941.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.107+/-0.334 χ^2/NDF : 11115.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

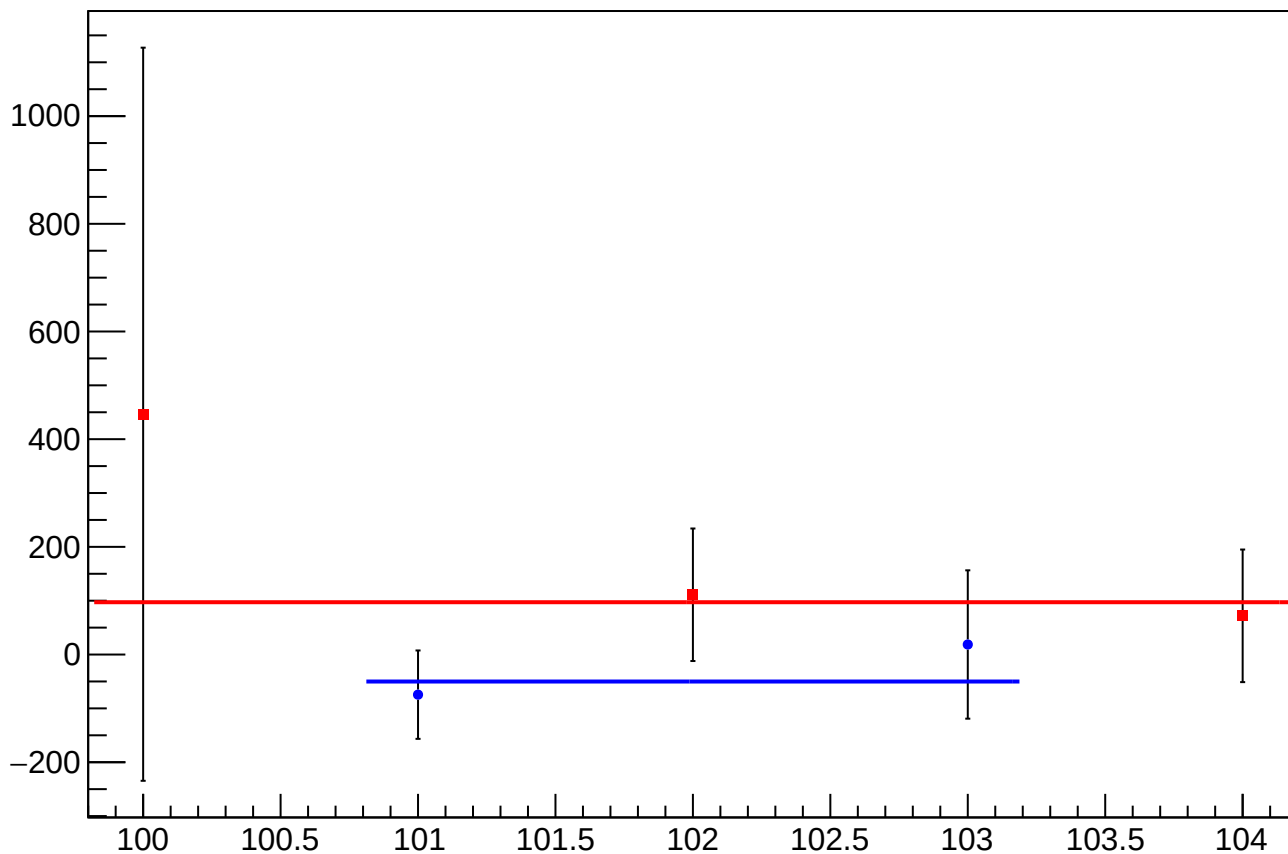
Right: 512.279+/-0.230 χ^2/NDF : 26438.7/4

In: 501.644+/-0.317 χ^2/NDF : 12941.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.279+/-0.230 χ^2/NDF : 26438.7/4

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -50.110 $\pm$ 70.515 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.182 $\pm$ 86.342 χ^2 /NDF: 0.3/2

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

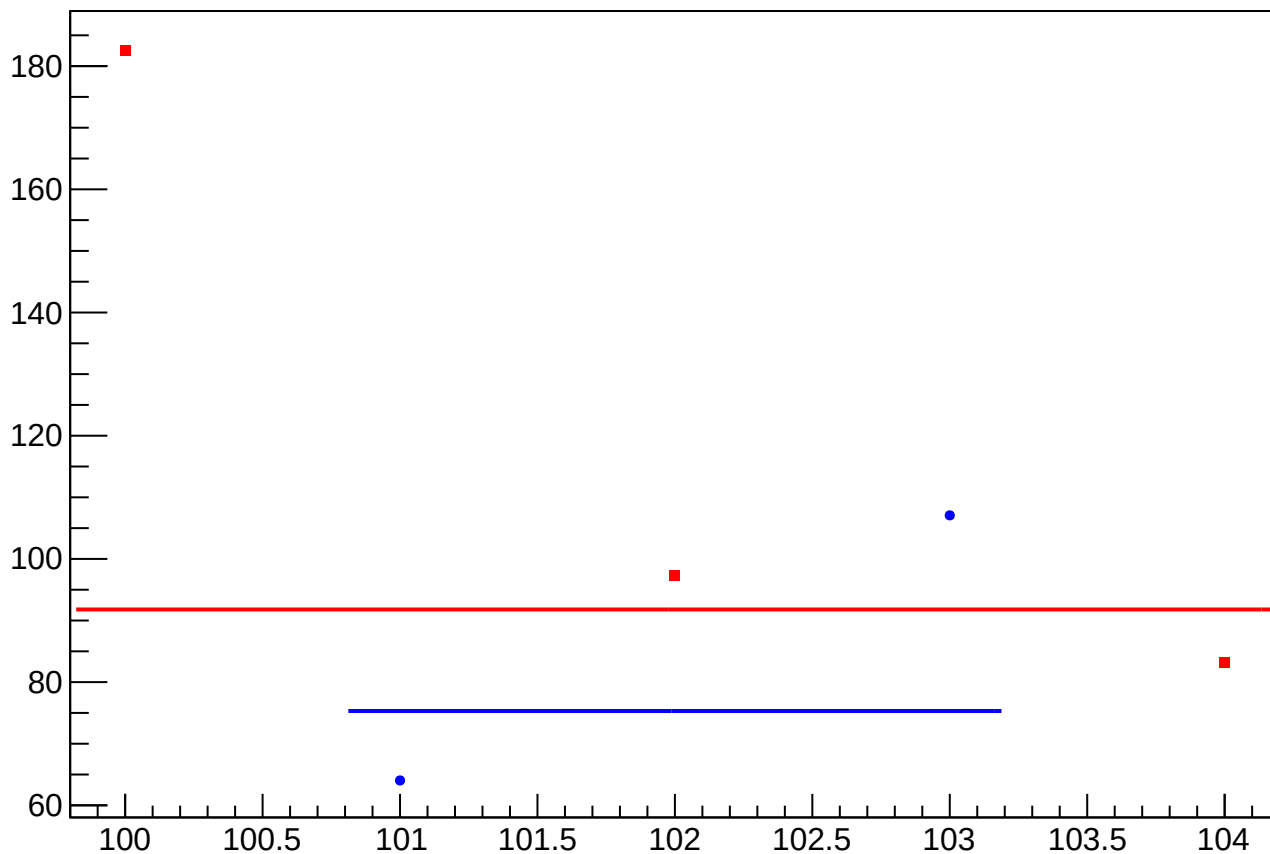
Right: 8.823 $\pm$ 54.615 χ^2 /NDF: 2.4/4

In: -50.110 $\pm$ 70.515 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.823 $\pm$ 54.615 χ^2 /NDF: 2.4/4

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: 91.794+/-0.061 χ^2/NDF : 49235.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

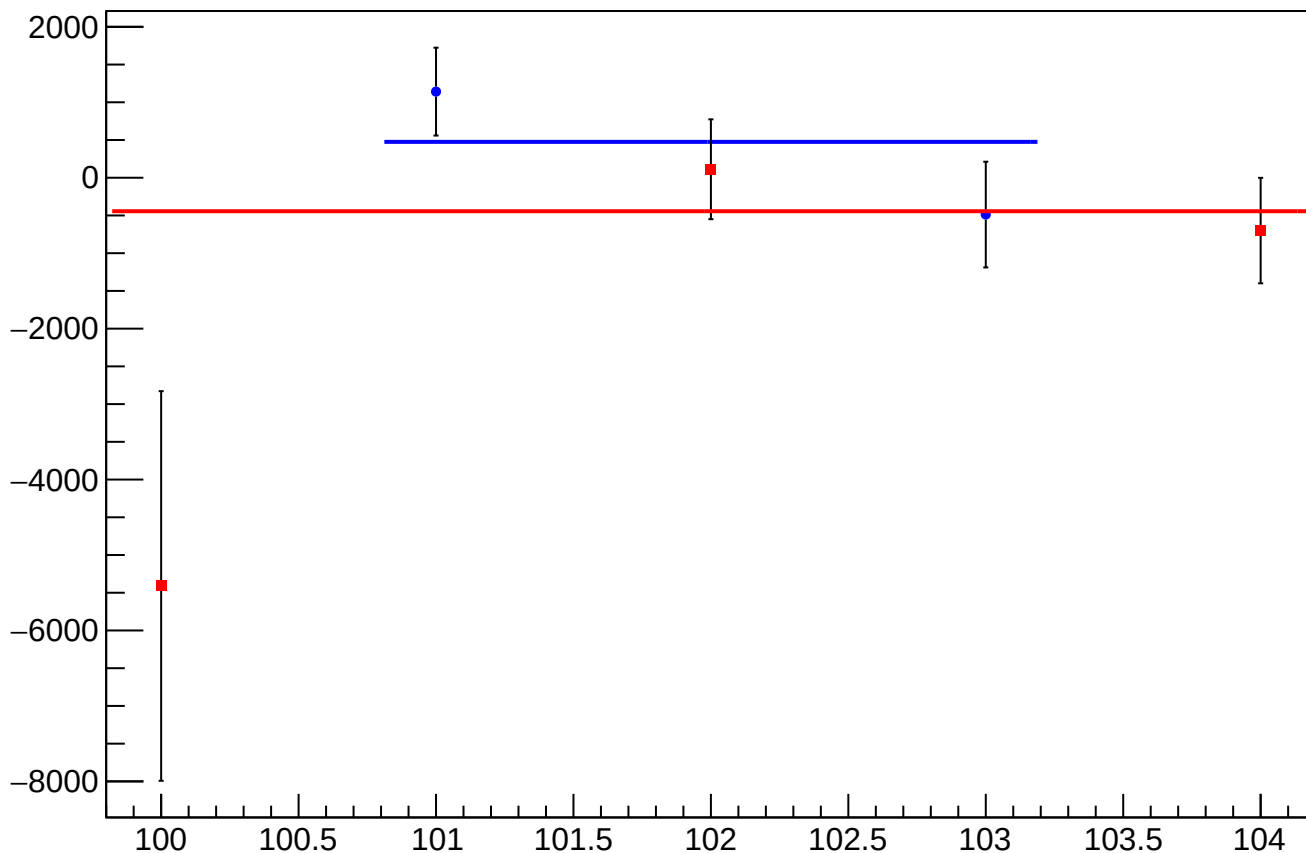
Right: 81.907+/-0.039 χ^2/NDF : 236965.3/4

In: 75.313+/-0.050 χ^2/NDF : 144014.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.907+/-0.039 χ^2/NDF : 236965.3/4

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 475.462+/-447.852 χ^2/NDF : 3.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -443.862+/-472.294 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

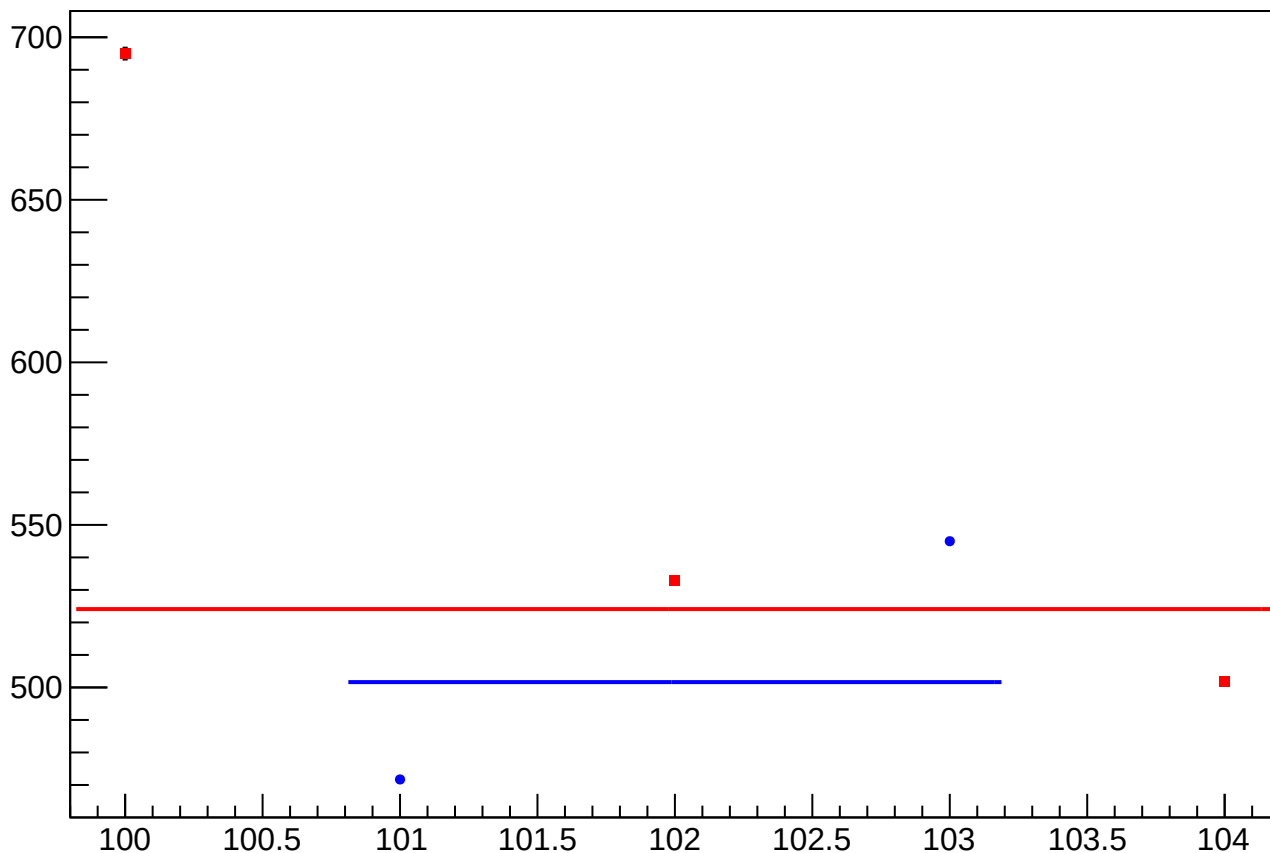
Right: 40.203+/-324.977 χ^2/NDF : 9.7/4

In: 475.462+/-447.852 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.203+/-324.977 χ^2/NDF : 9.7/4

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: 524.105 $\pm$ 0.334 χ^2 /NDF: 11115.3/2

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

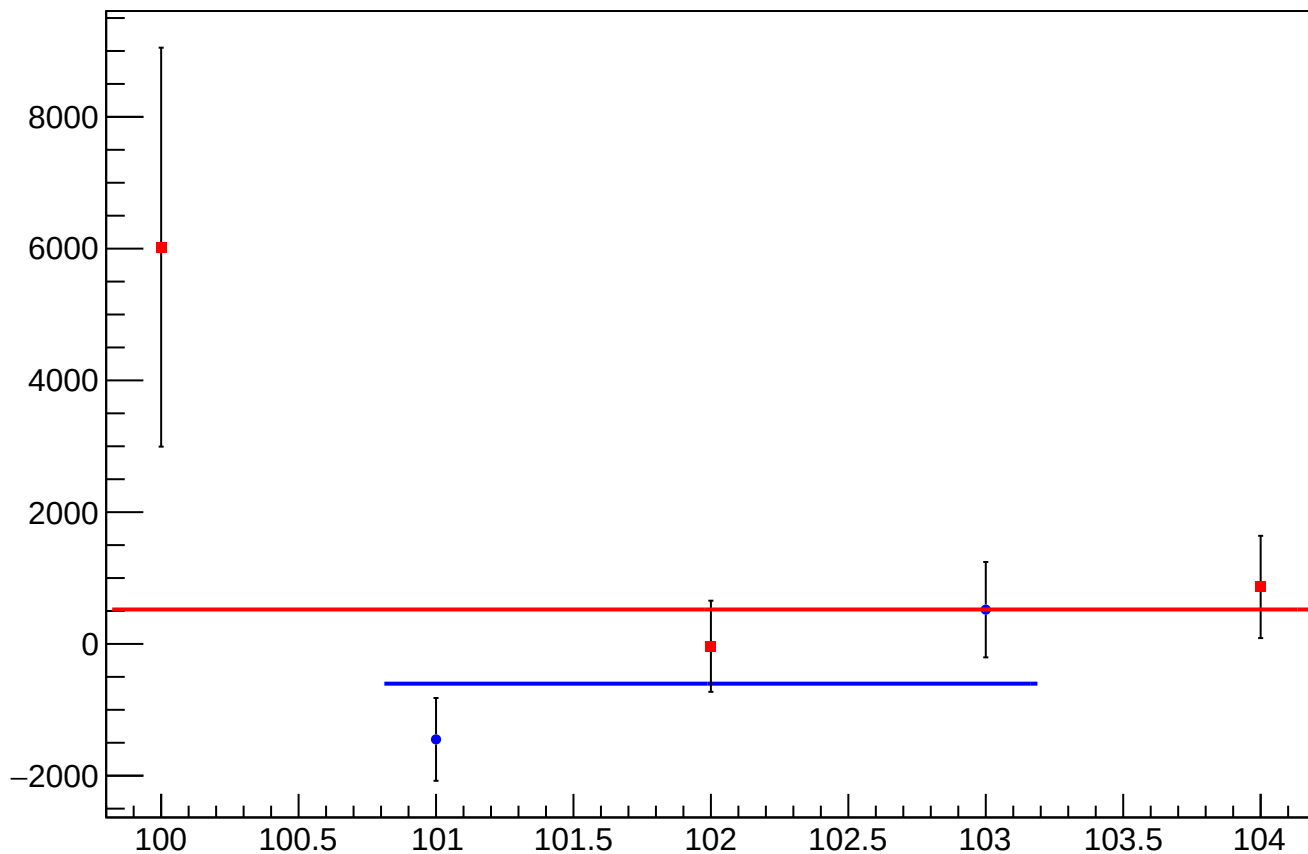
Right: 512.277 $\pm$ 0.230 χ^2 /NDF: 26438.8/4

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: 512.277 $\pm$ 0.230 χ^2 /NDF: 26438.8/4

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: 522.886+/-508.934 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

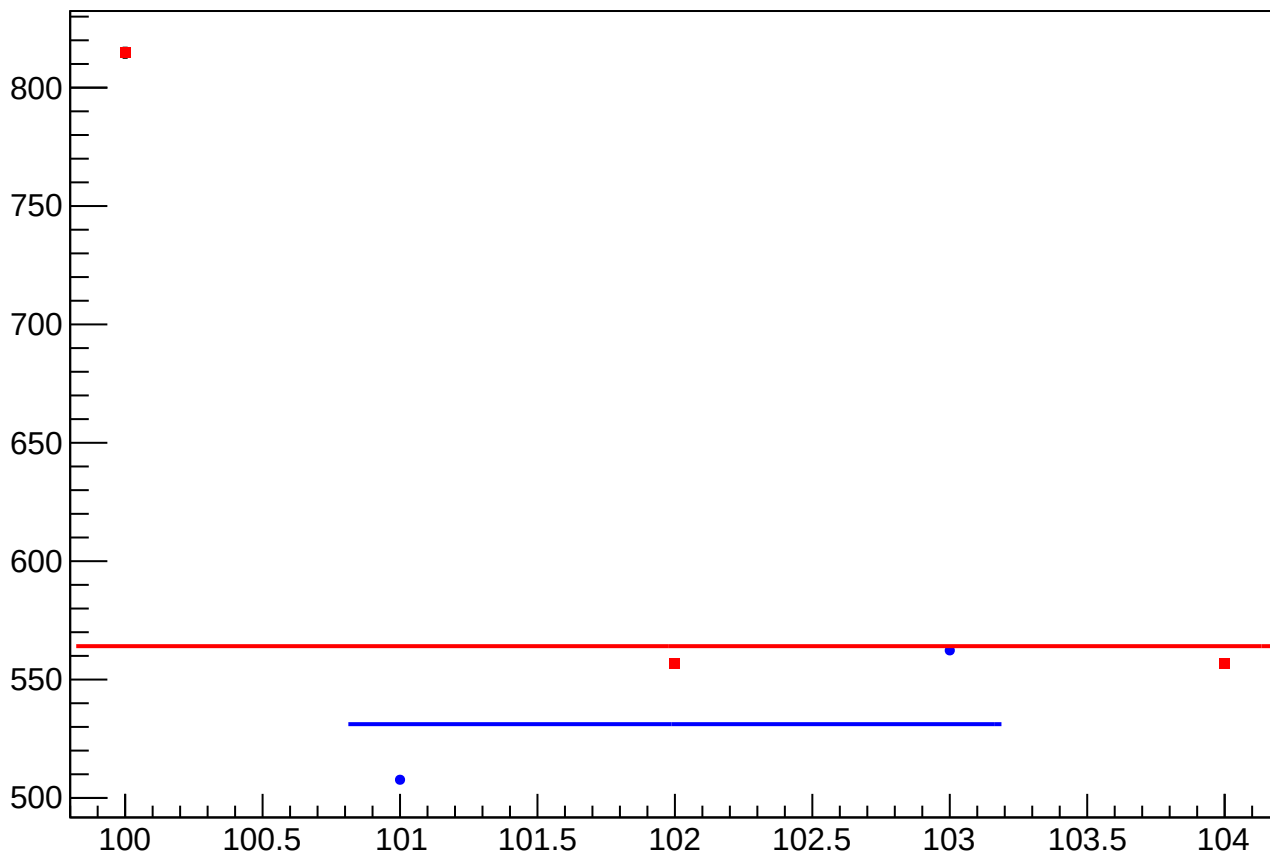
Right: -79.408+/-347.069 χ^2/NDF : 11.0/4

In: -603.026+/-474.531 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.408+/-347.069 χ^2/NDF : 11.0/4

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: 564.109+/-0.360 χ^2/NDF : 14103.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

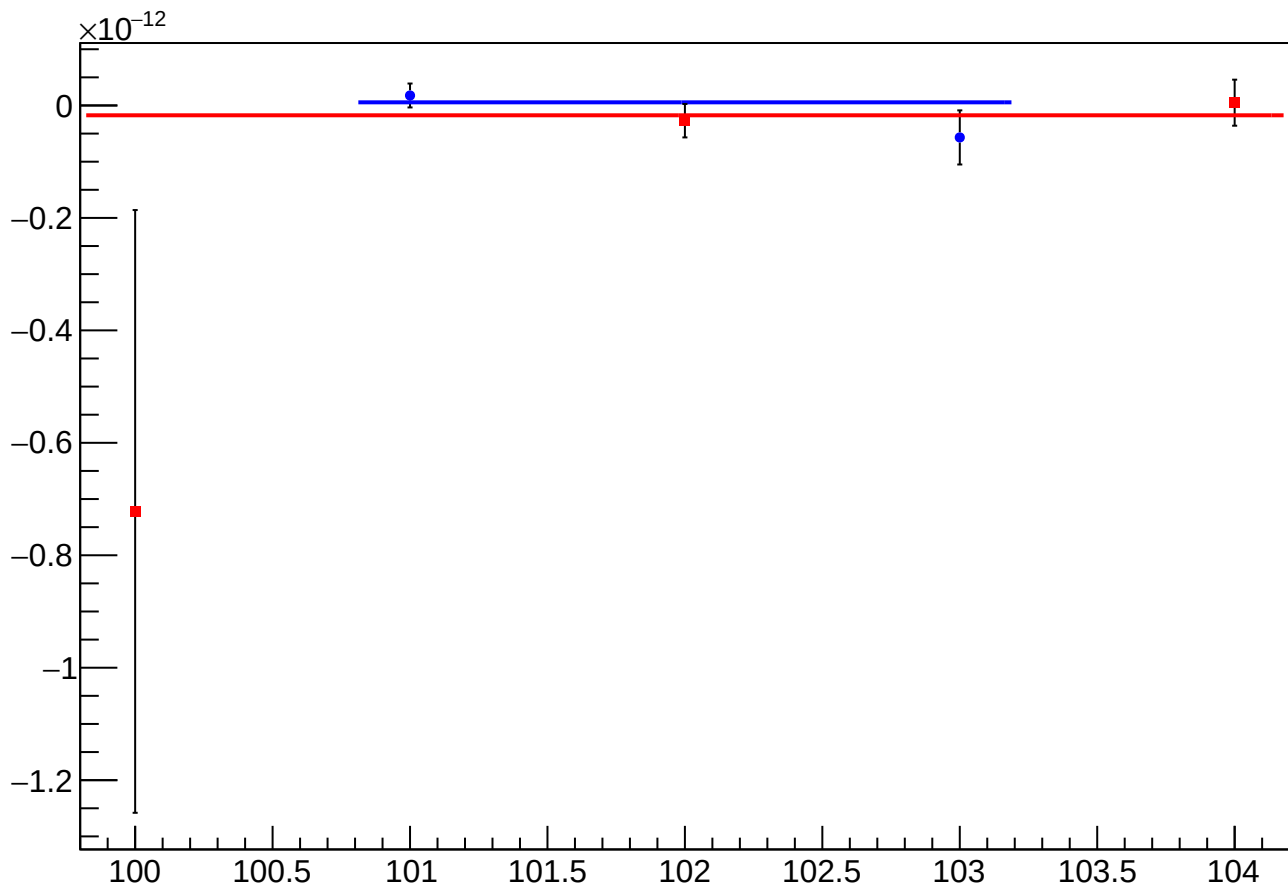
Right: 546.486+/-0.245 χ^2/NDF : 25084.1/4

In: 531.165+/-0.336 χ^2/NDF : 6498.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.486+/-0.245 χ^2/NDF : 25084.1/4

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 : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

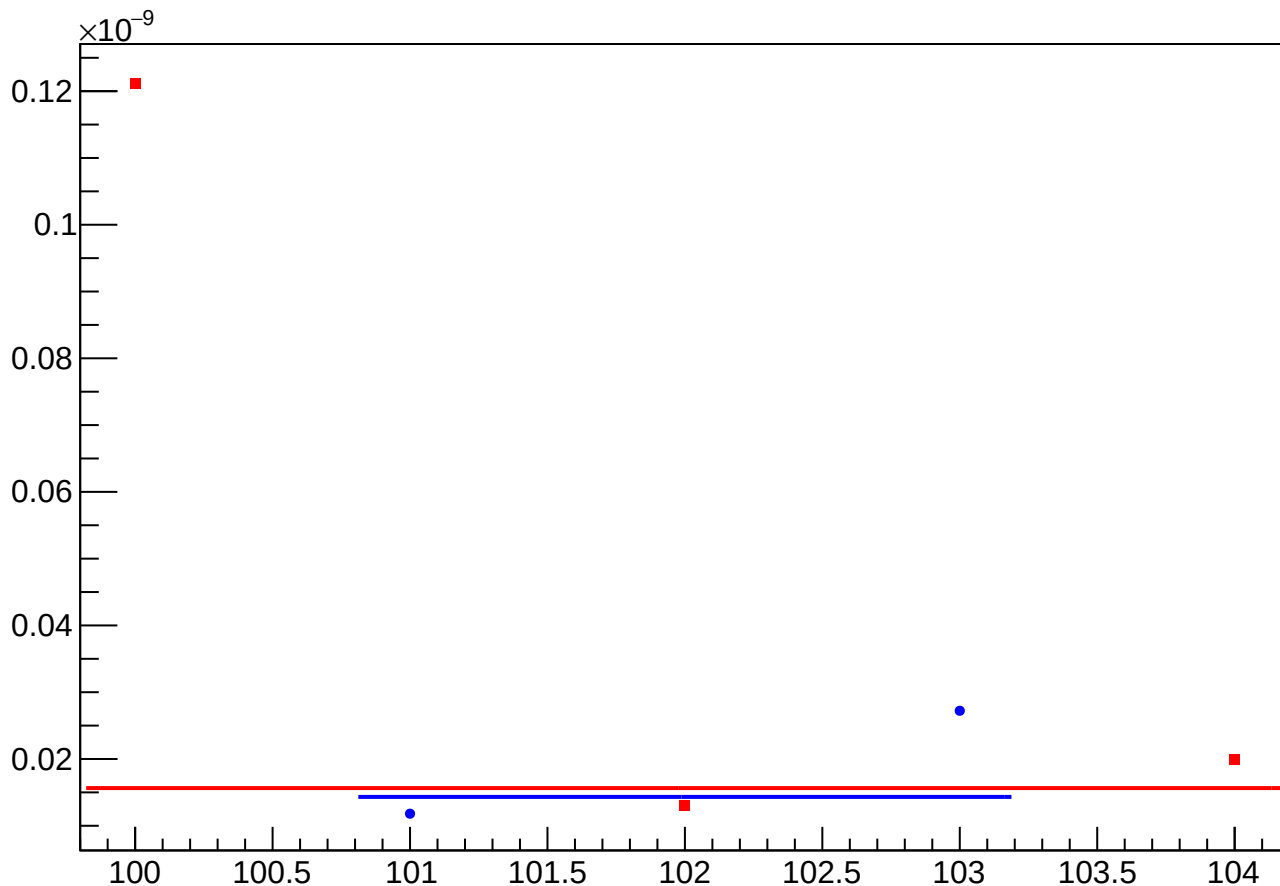
Right: -0.000+/-0.000 χ^2/NDF : 4.7/4

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 : 4.7/4

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 : 113722.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

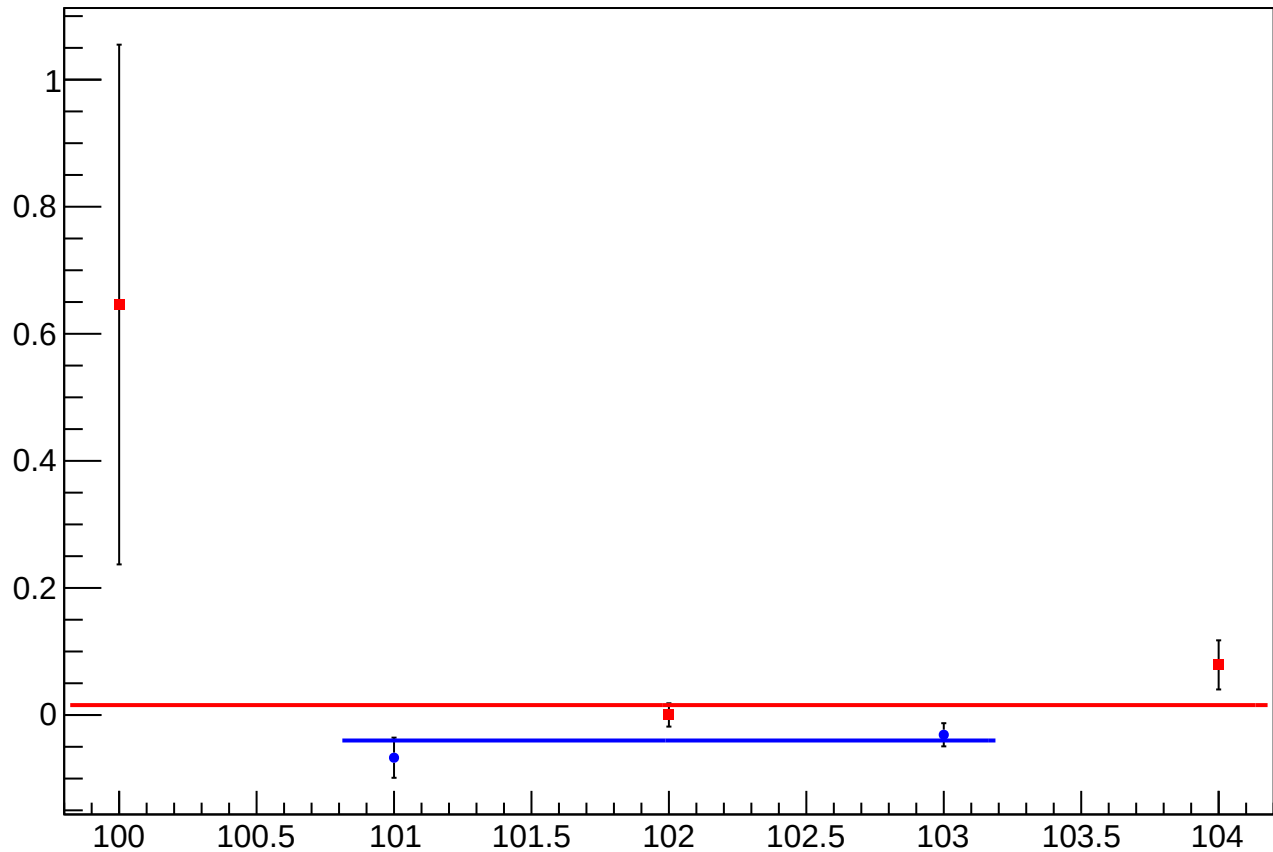
Right: 0.000+/-0.000 χ^2/NDF : 288992.8/4

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 : 288992.8/4

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.017 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

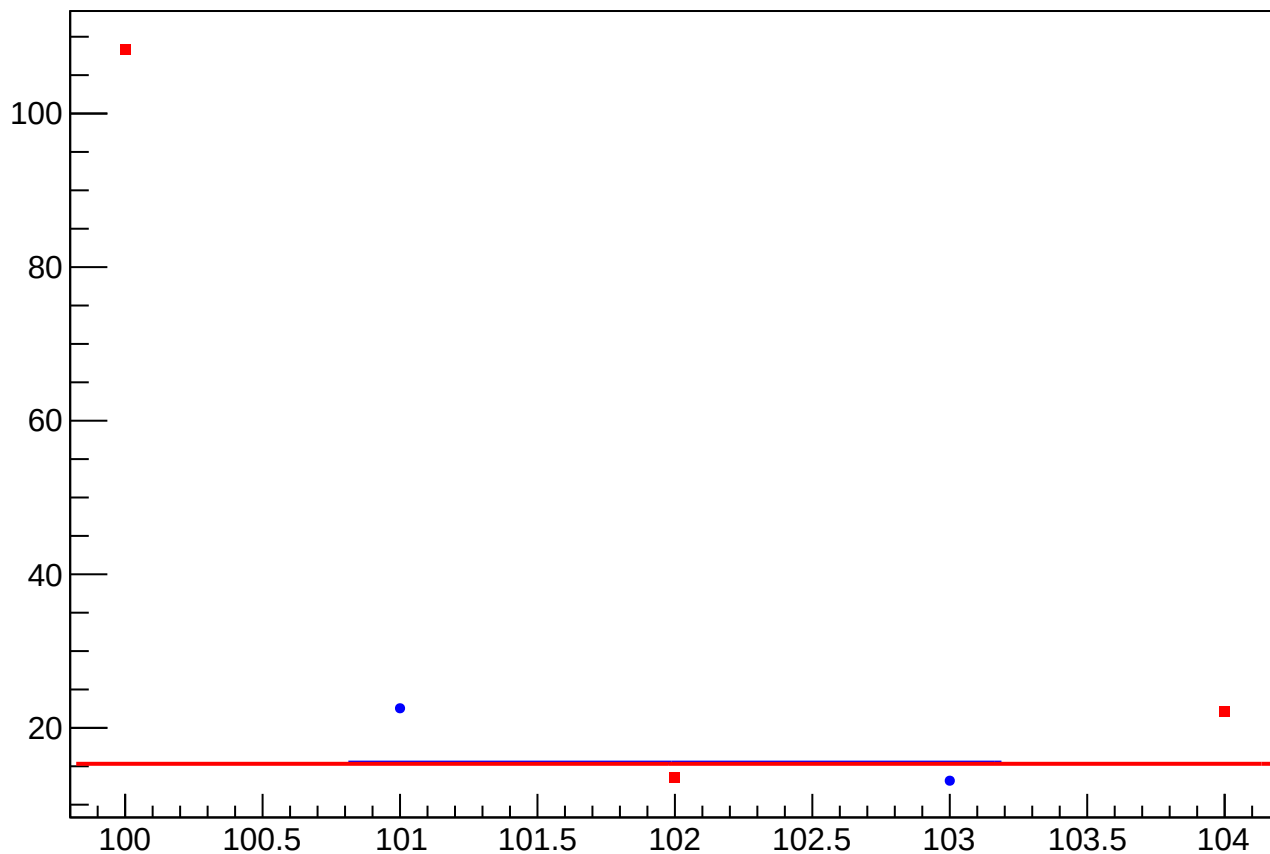
Right: -0.014+/-0.011 χ^2/NDF : 12.7/4

In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.011 χ^2/NDF : 12.7/4

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133749.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.323 $\pm$ 0.012 χ^2 /NDF: 183890.0/2

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

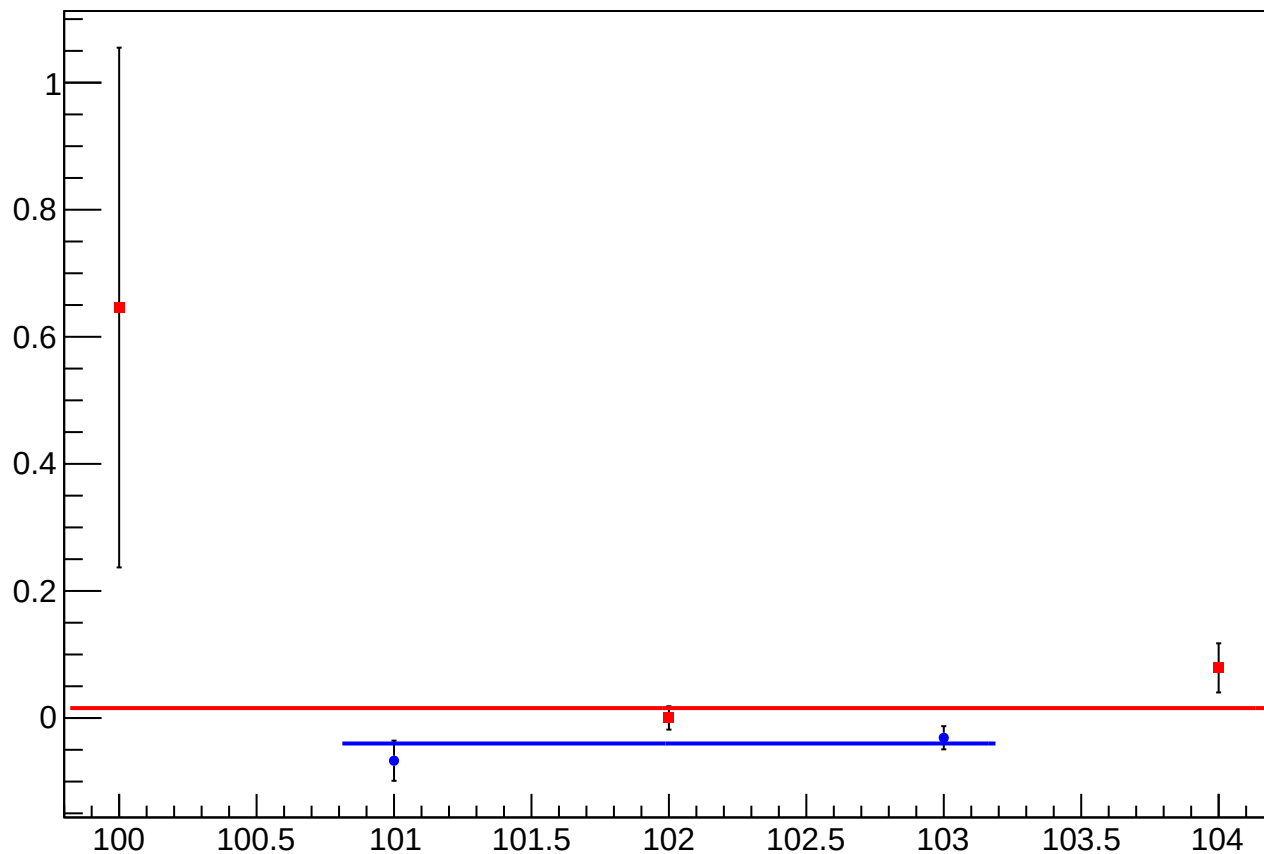
Right: 15.403 $\pm$ 0.008 χ^2 /NDF: 317728.7/4

In: 15.476 $\pm$ 0.011 χ^2 /NDF:133749.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.403 $\pm$ 0.008 χ^2 /NDF: 317728.7/4

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: 0.016 $\pm$ 0.017 χ^2 /NDF: 5.8/2

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

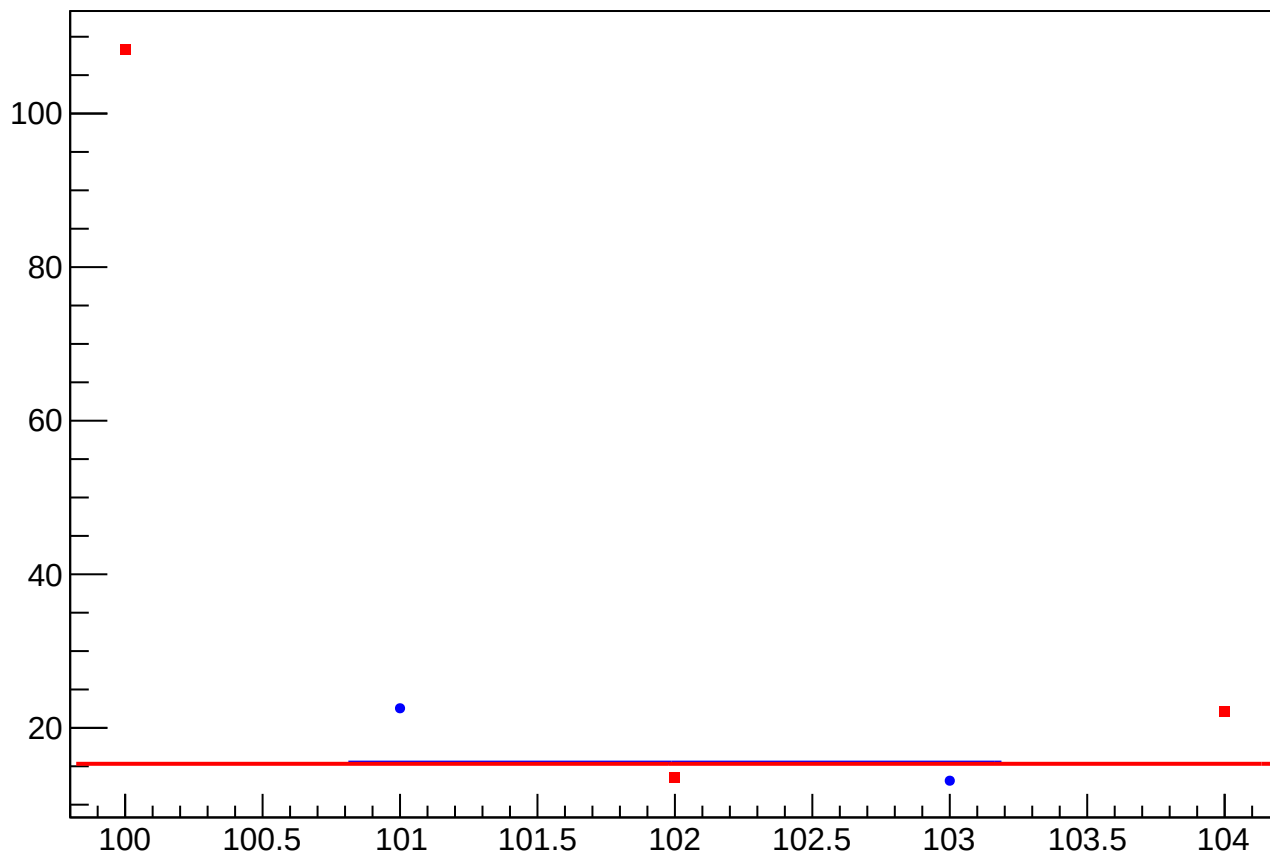
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 12.7/4

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: -0.014 $\pm$ 0.011 χ^2 /NDF: 12.7/4

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: 15.323+/-0.012 χ^2/NDF : 183890.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

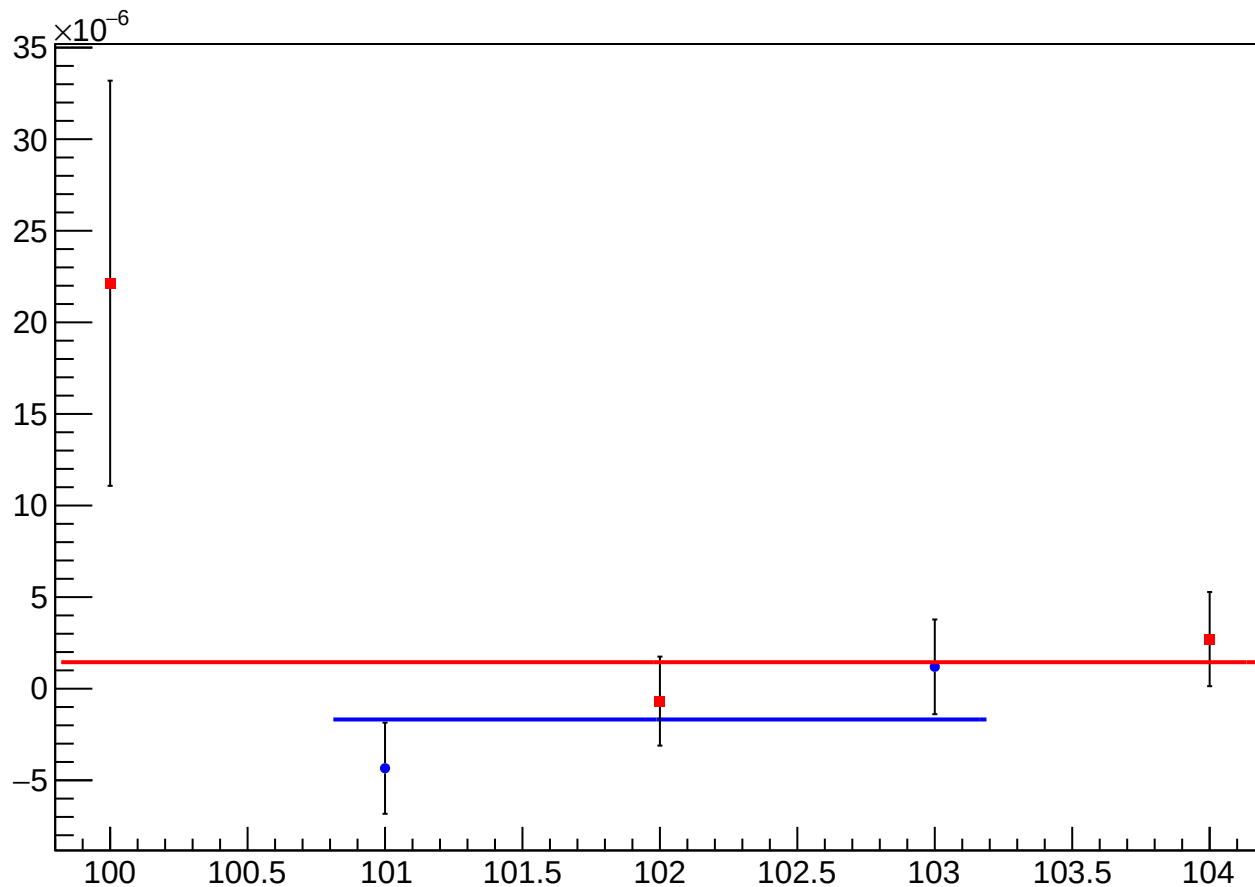
Right: 15.403+/-0.008 χ^2/NDF : 317728.7/4

In: 15.476+/-0.011 χ^2/NDF : 133749.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.403+/-0.008 χ^2/NDF : 317728.7/4

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 : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

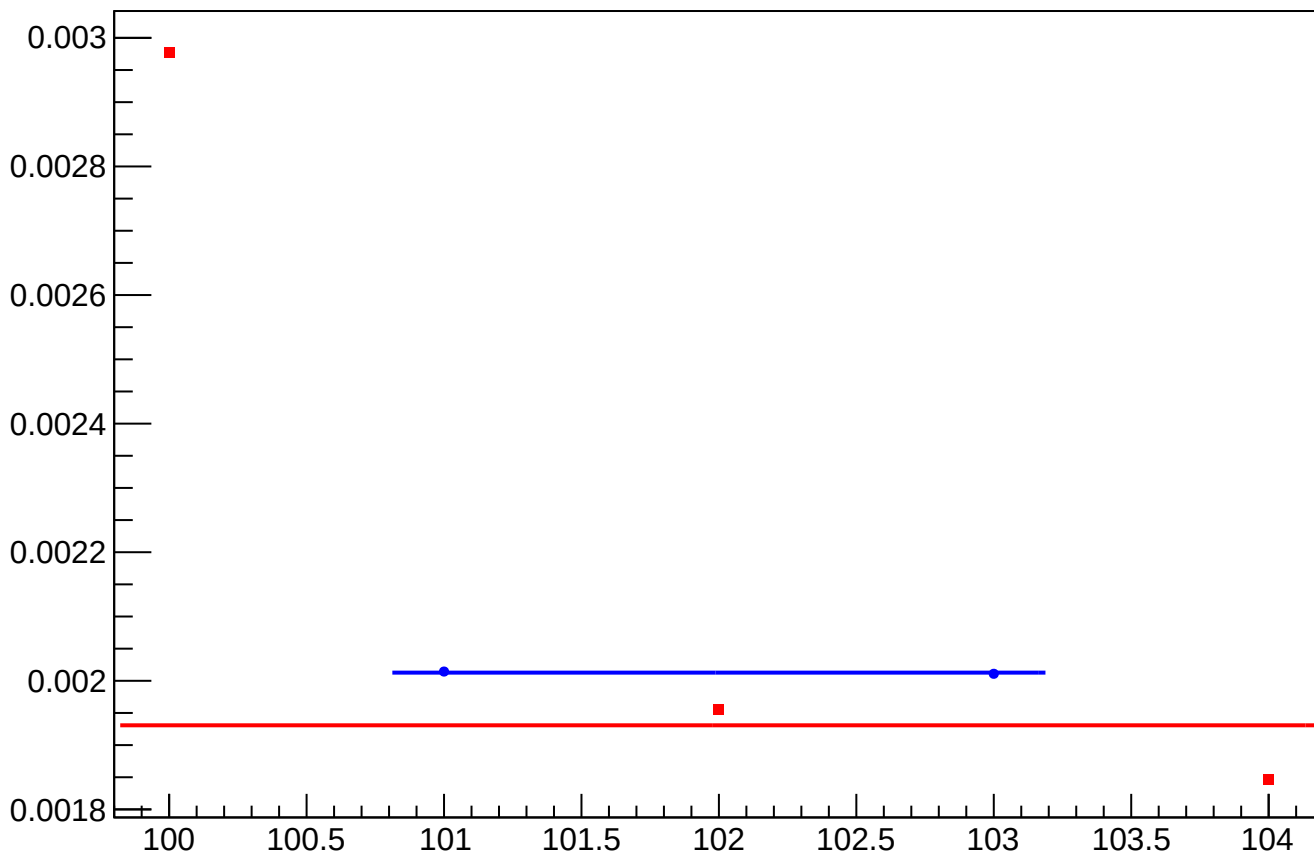
Right: -0.000+/-0.000 χ^2/NDF : 8.4/4

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 : 8.4/4

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 : 20267.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

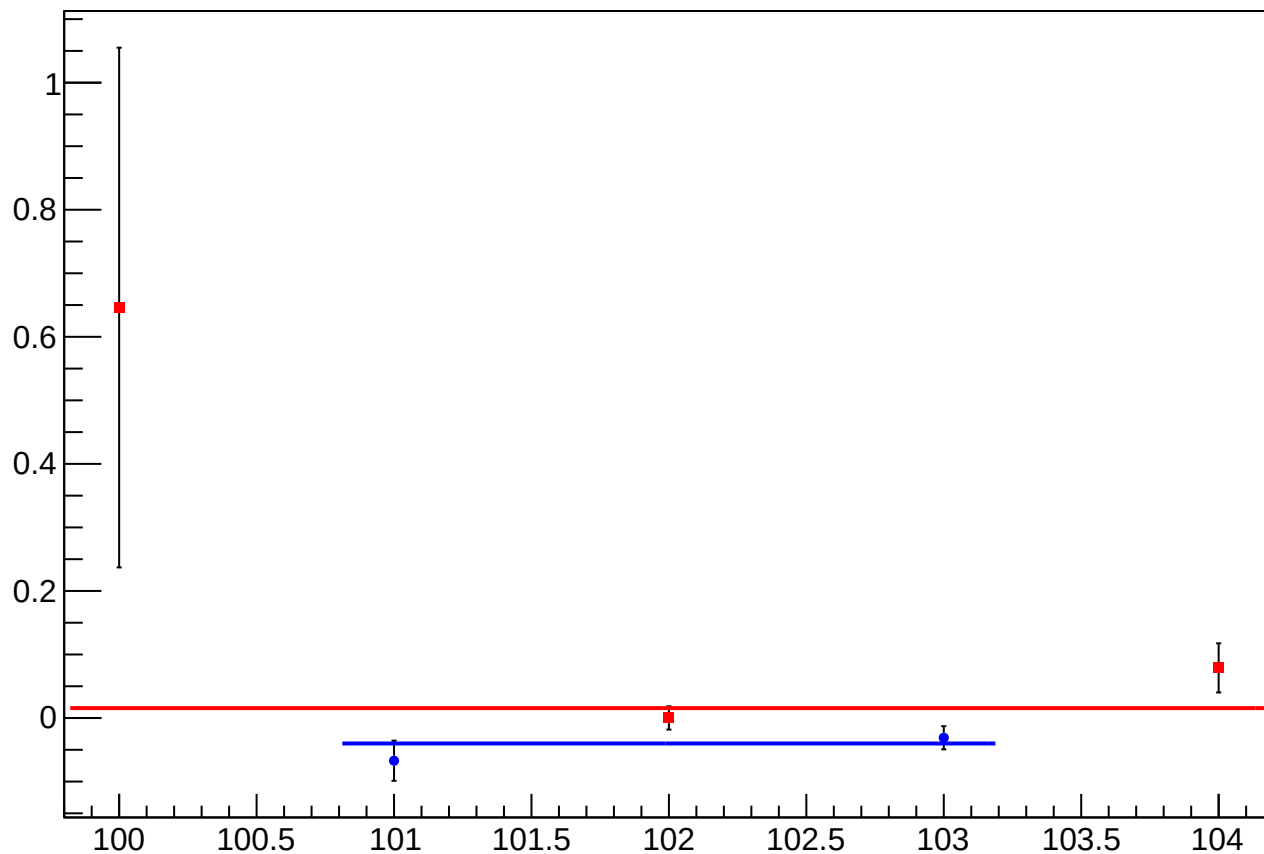
Right: 0.002+/-0.000 χ^2/NDF : 22415.9/4

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 : 22415.9/4

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.017 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

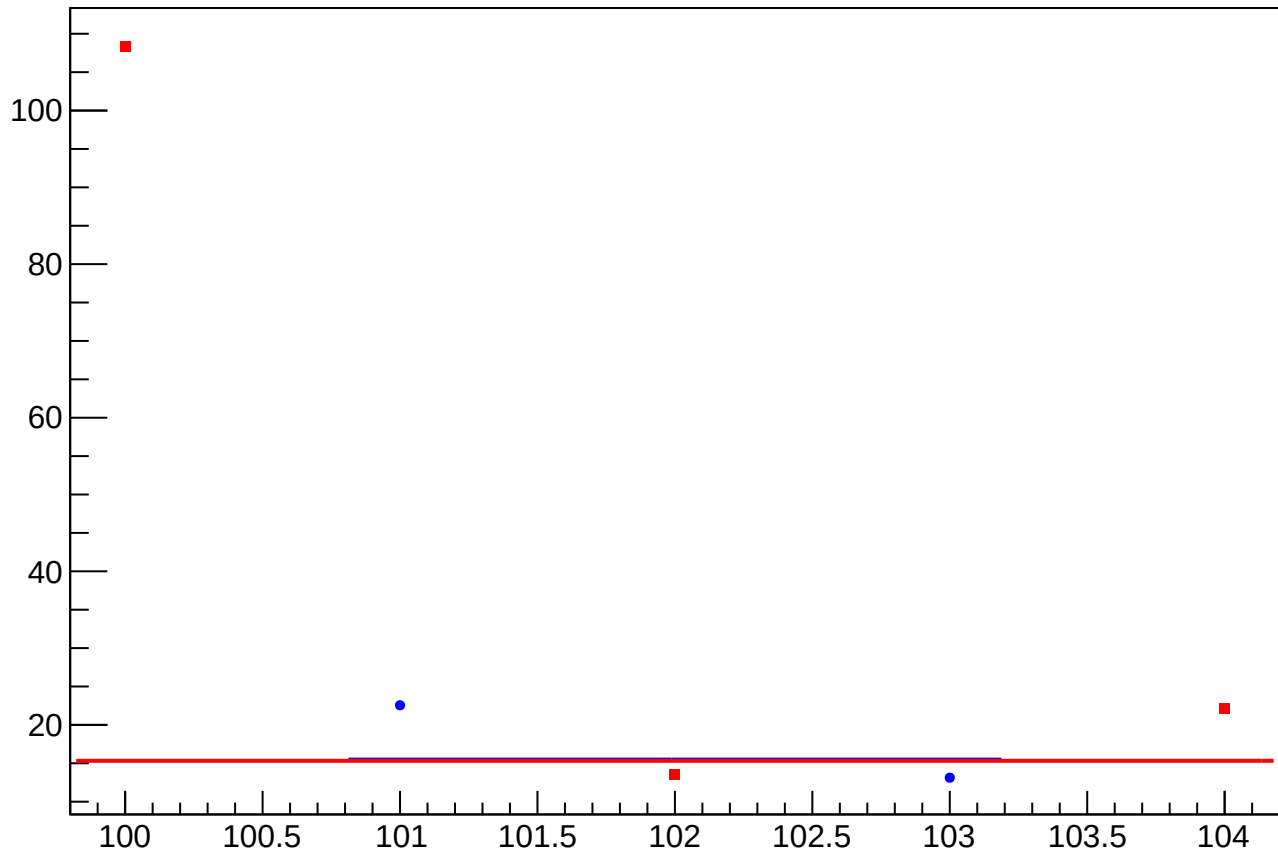
Right: -0.014+/-0.011 χ^2/NDF : 12.7/4

In: -0.040+/-0.016 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.011 χ^2/NDF : 12.7/4

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.324 $\pm$ 0.012 χ^2 /NDF: 183865.2/2

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

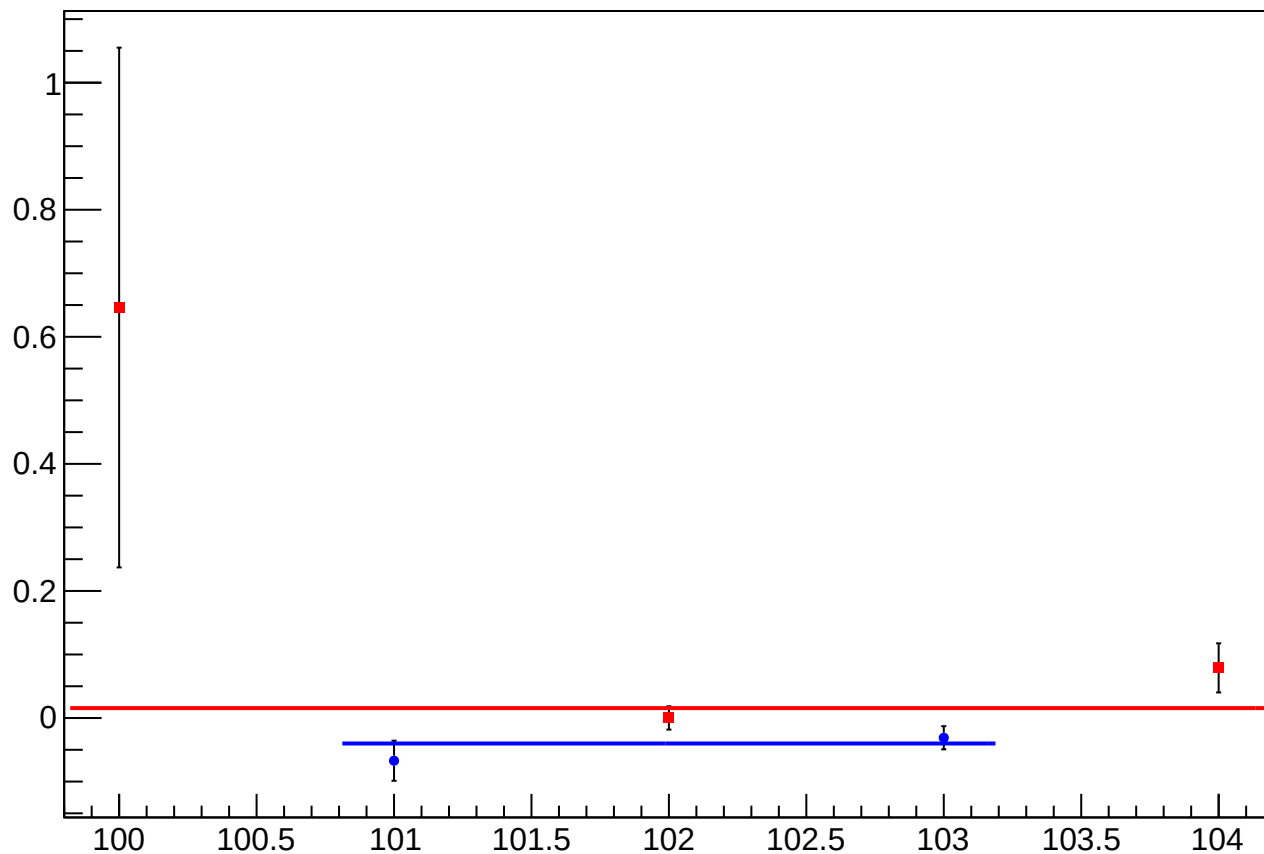
Right: 15.404 $\pm$ 0.008 χ^2 /NDF: 317713.3/4

In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.404 $\pm$ 0.008 χ^2 /NDF: 317713.3/4

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.016 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.016 $\pm$ 0.017 χ^2 /NDF: 5.8/2

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

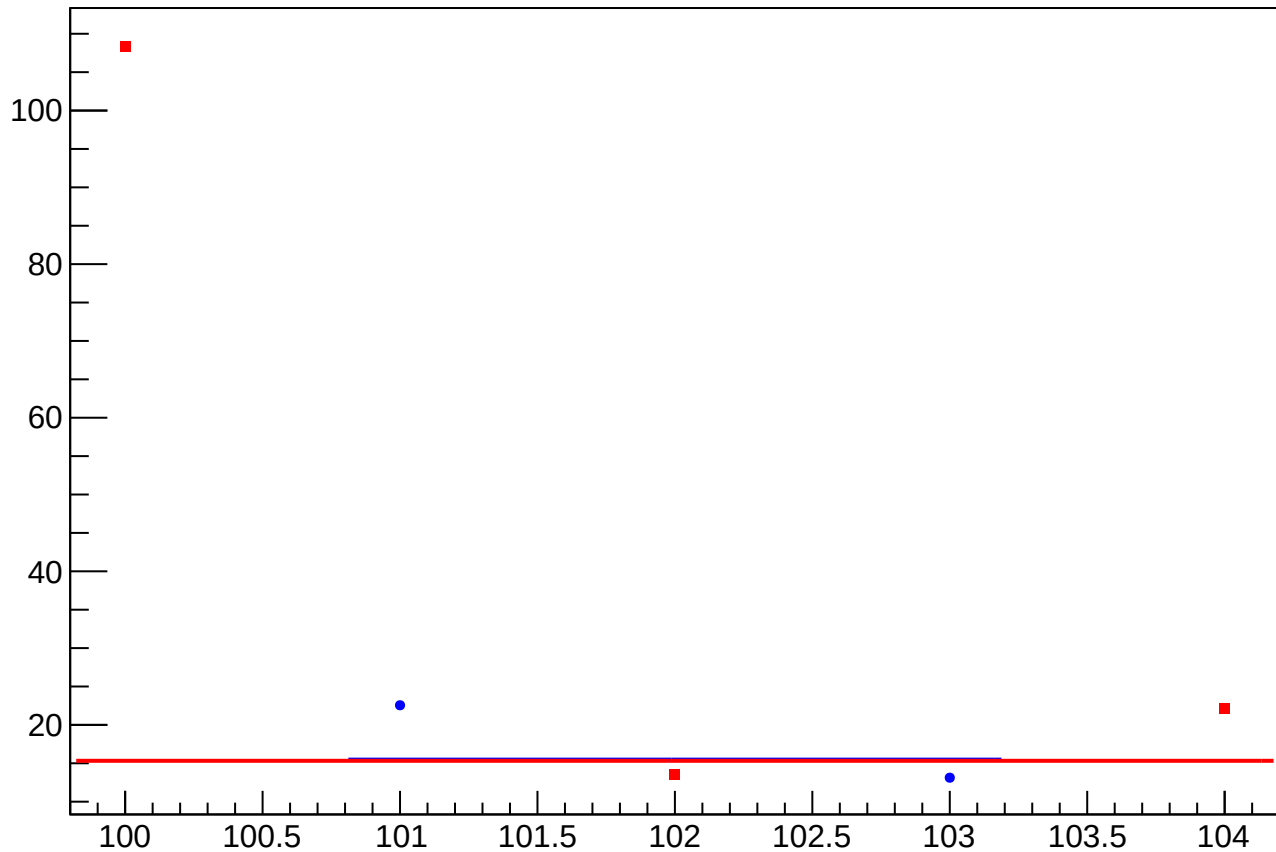
Right: -0.014 $\pm$ 0.011 χ^2 /NDF: 12.7/4

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: -0.014 $\pm$ 0.011 χ^2 /NDF: 12.7/4

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.324 $\pm$ 0.012 χ^2 /NDF: 183865.2/2

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

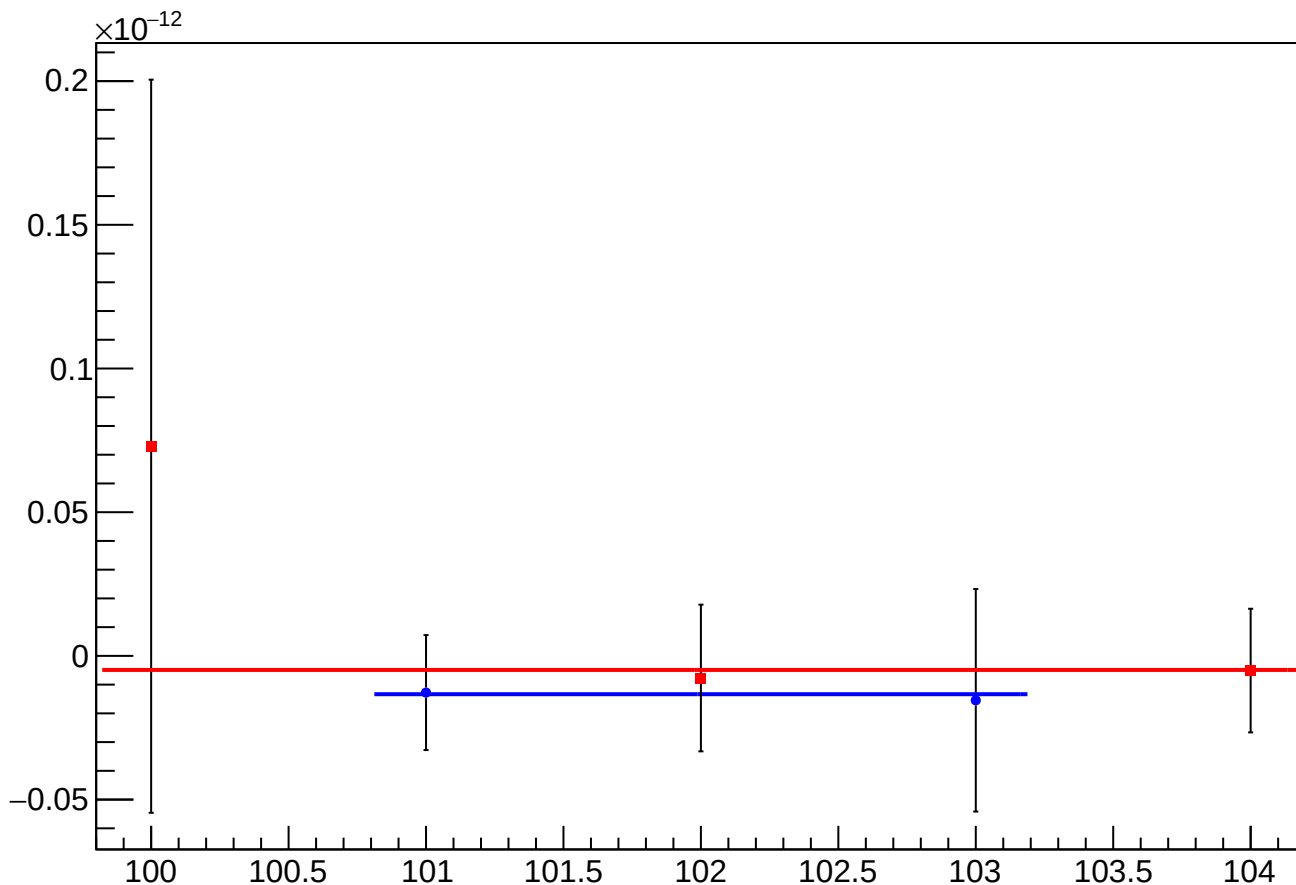
Right: 15.404 $\pm$ 0.008 χ^2 /NDF: 317713.3/4

In: 15.476 $\pm$ 0.011 χ^2 /NDF: 133759.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.404 $\pm$ 0.008 χ^2 /NDF: 317713.3/4

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 : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

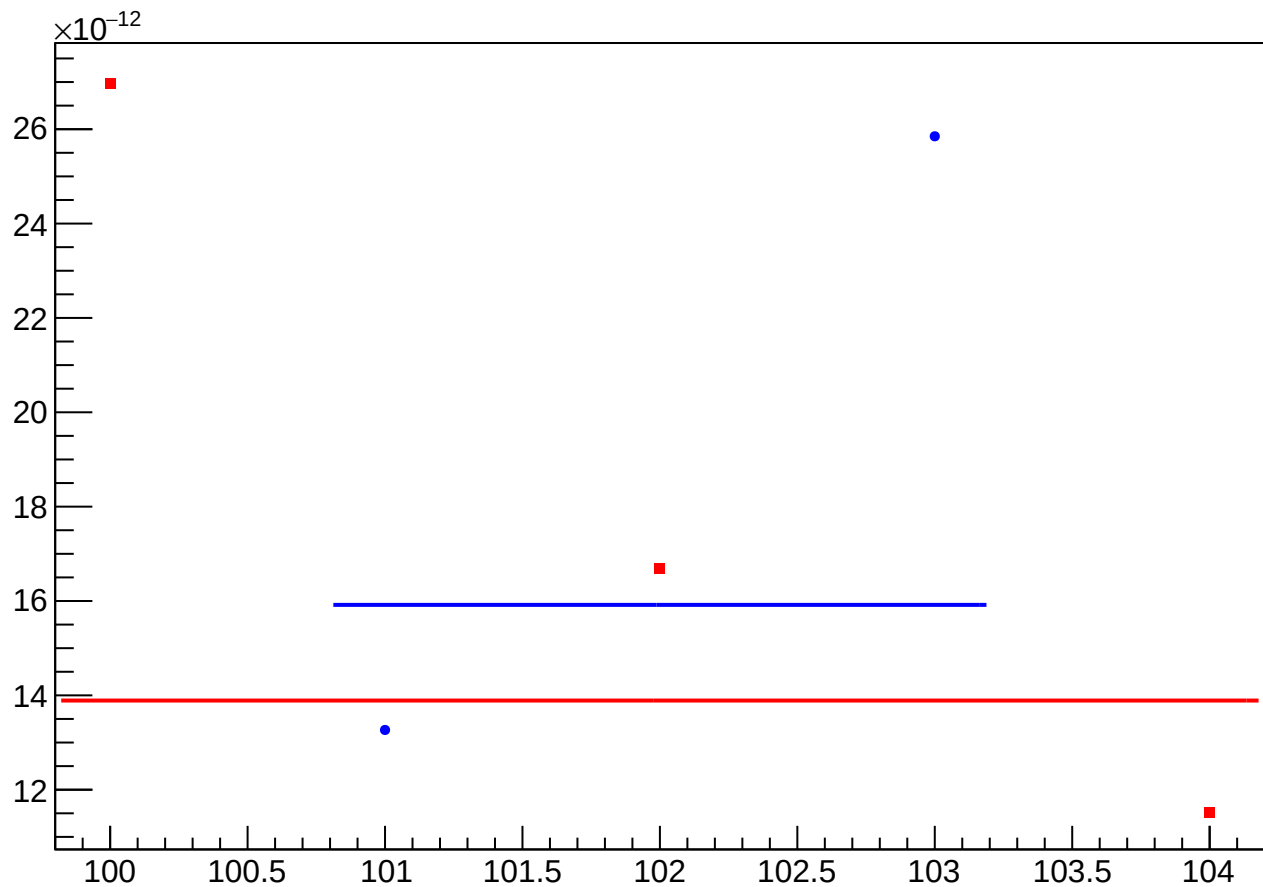
Right: -0.000+/-0.000 χ^2/NDF : 0.5/4

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 : 0.5/4

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 : 69297.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

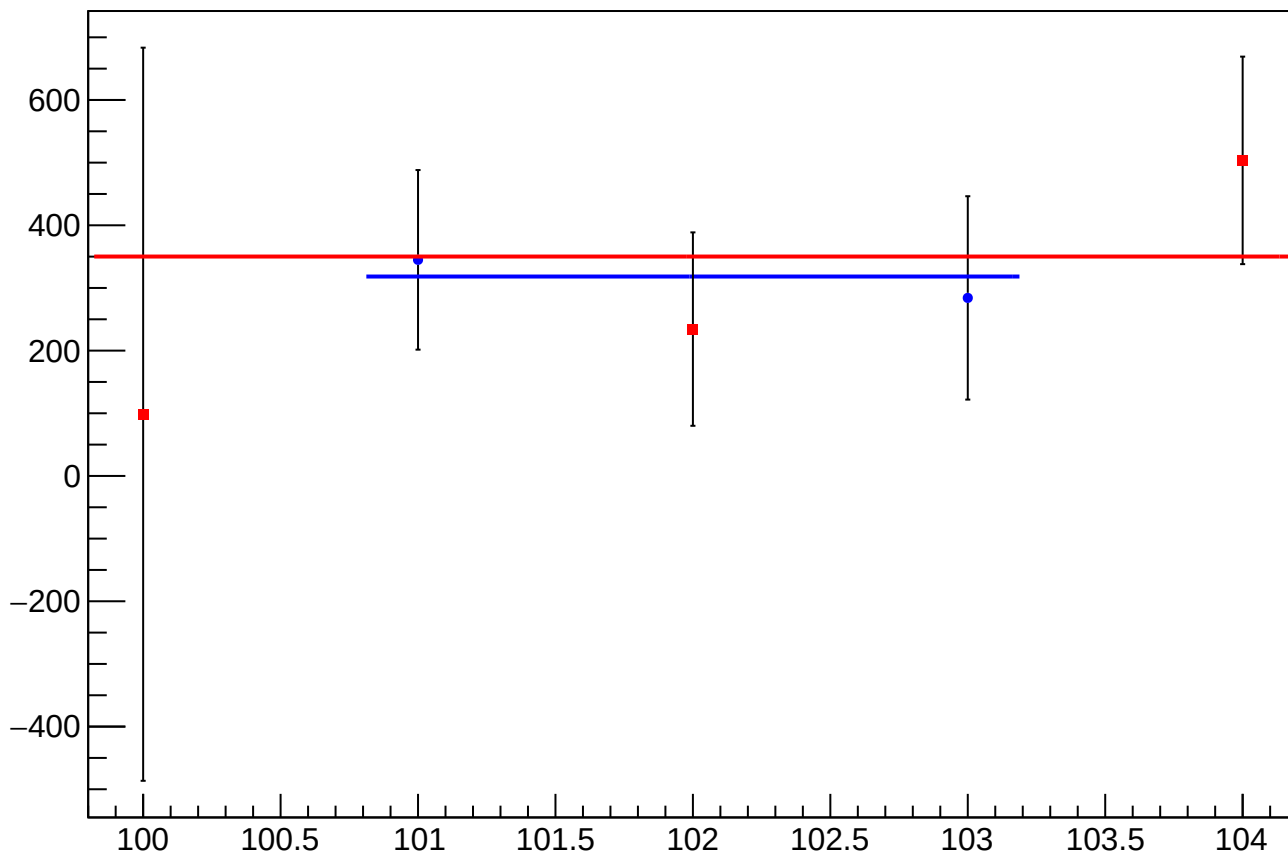
Right: 0.000+/-0.000 χ^2/NDF : 250194.1/4

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 : 250194.1/4

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 318.245 $\pm$ 107.424 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 350.142 $\pm$ 110.851 χ^2 /NDF: 1.6/2

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

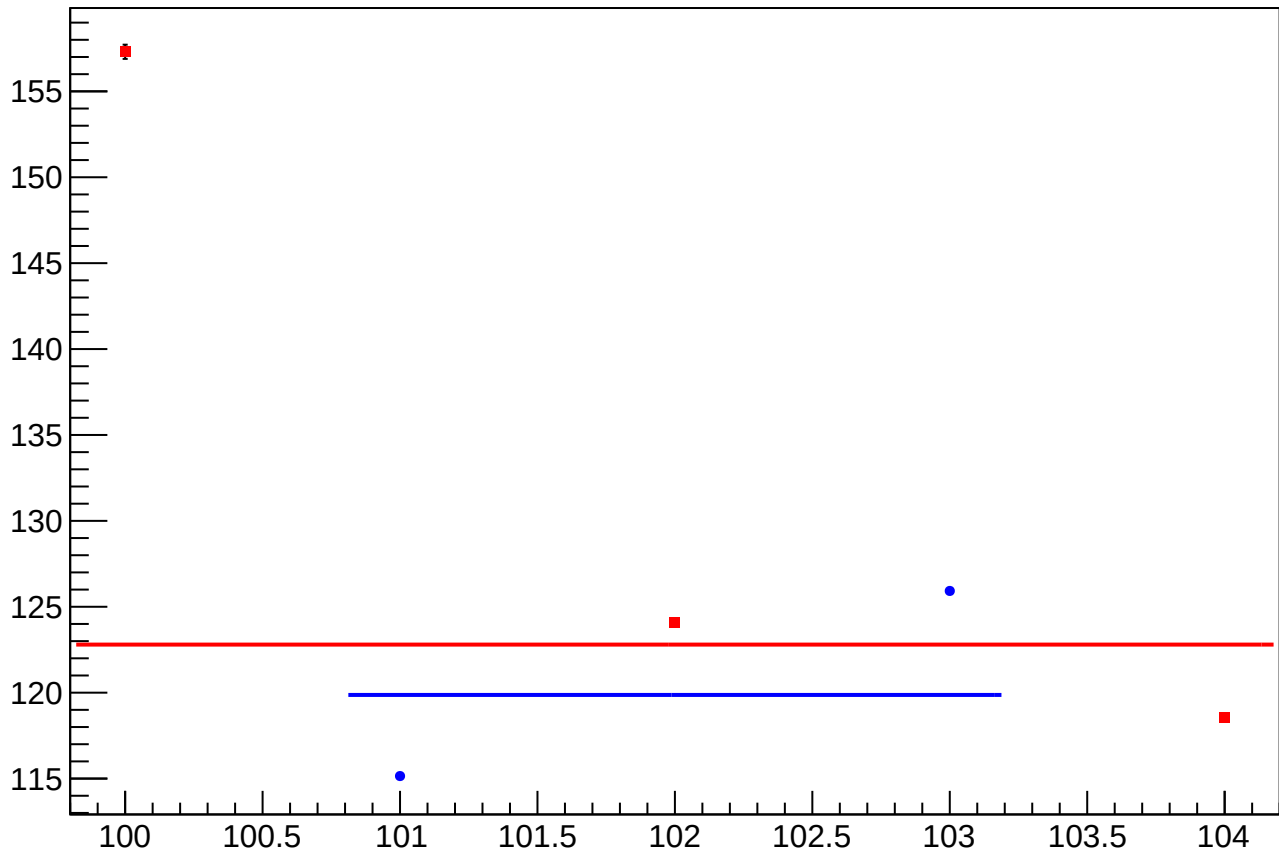
Right: 333.693 $\pm$ 77.143 χ^2 /NDF: 1.7/4

In: 318.245 $\pm$ 107.424 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 333.693 $\pm$ 77.143 χ^2 /NDF: 1.7/4

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: 122.798 $\pm$ 0.078 χ^2 /NDF: 8392.7/2

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

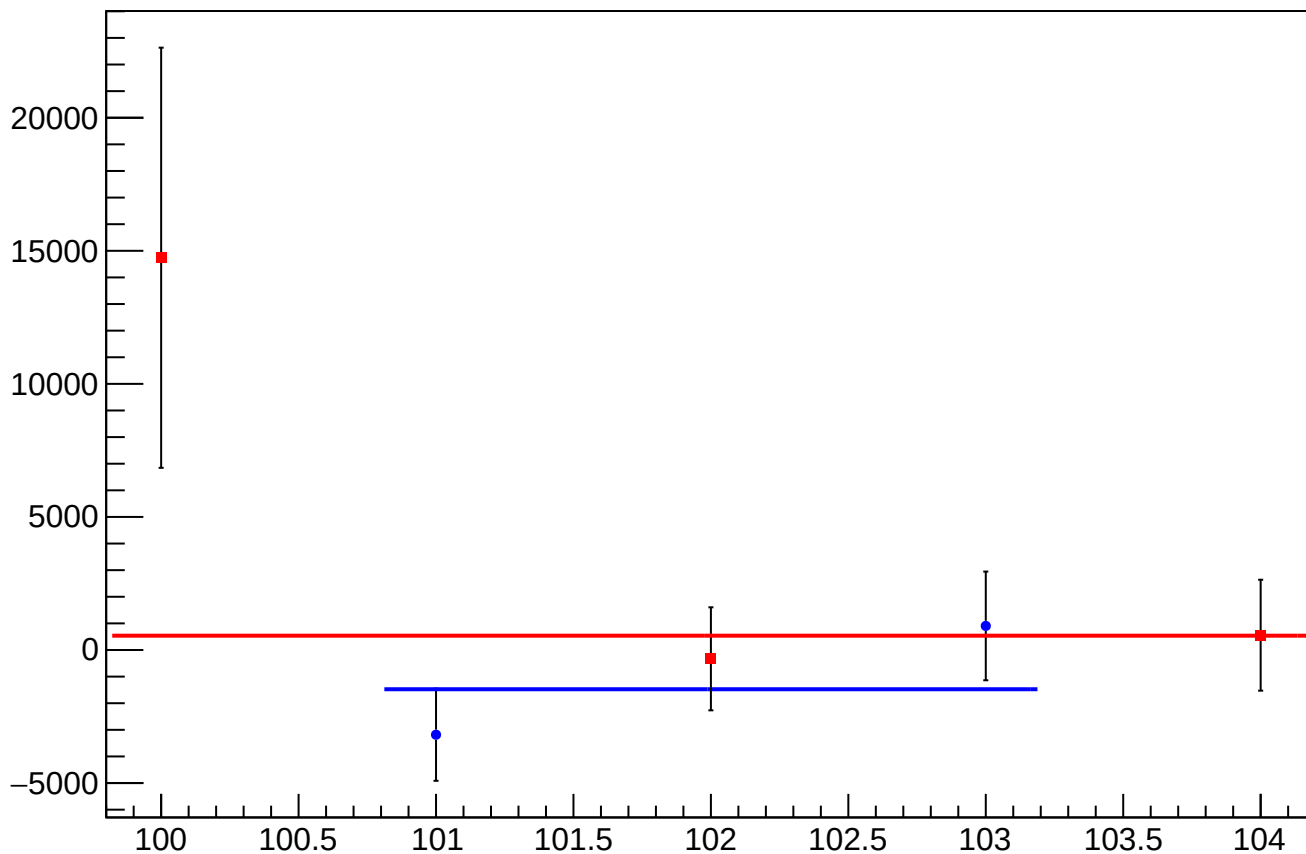
Right: 121.287 $\pm$ 0.055 χ^2 /NDF: 14067.1/4

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: 121.287 $\pm$ 0.055 χ^2 /NDF: 14067.1/4

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: 537.879+/-1396.026 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

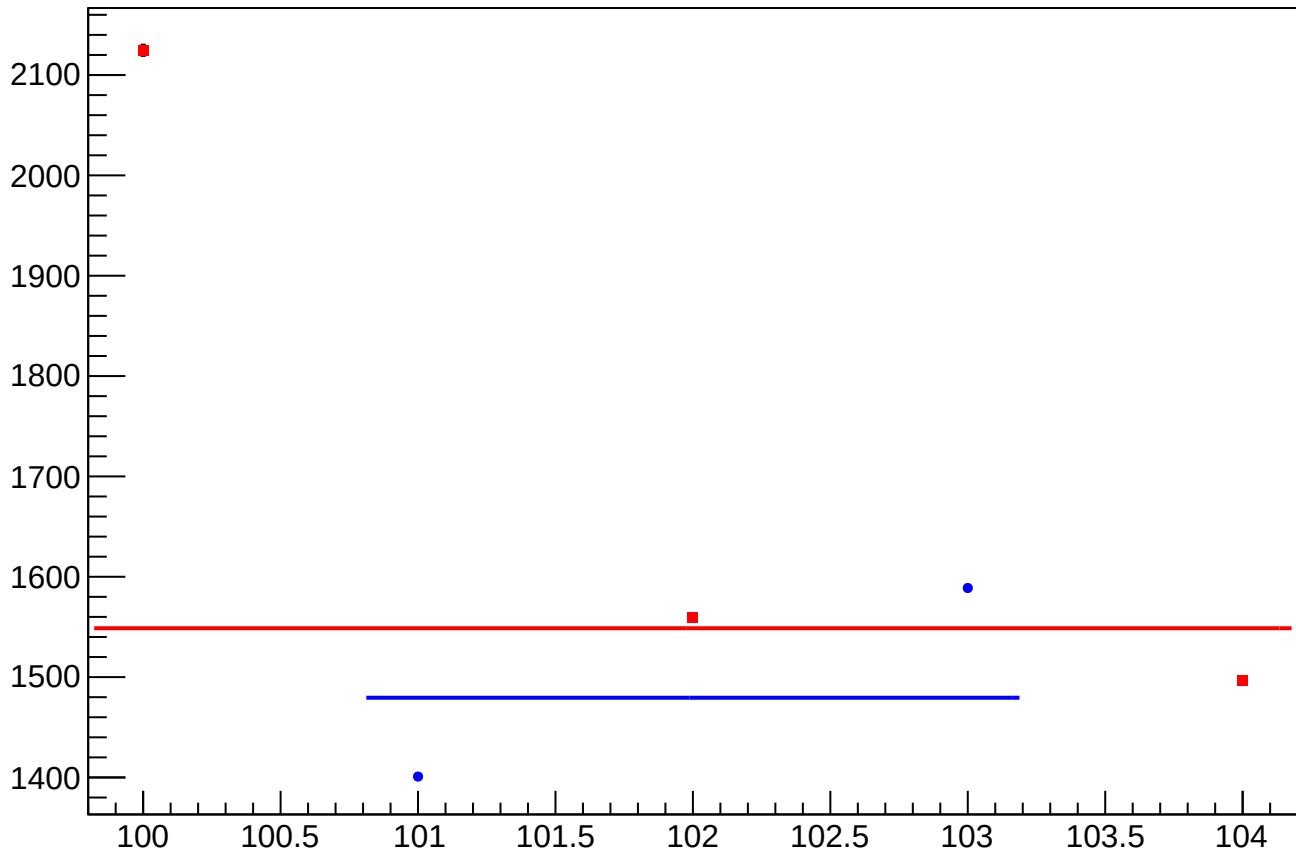
Right: -524.256+/-959.369 χ^2/NDF : 6.9/4

In: -1474.742+/-1320.616 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -524.256+/-959.369 χ^2/NDF : 6.9/4

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: 1548.703+/-0.987 χ^2/NDF : 11968.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

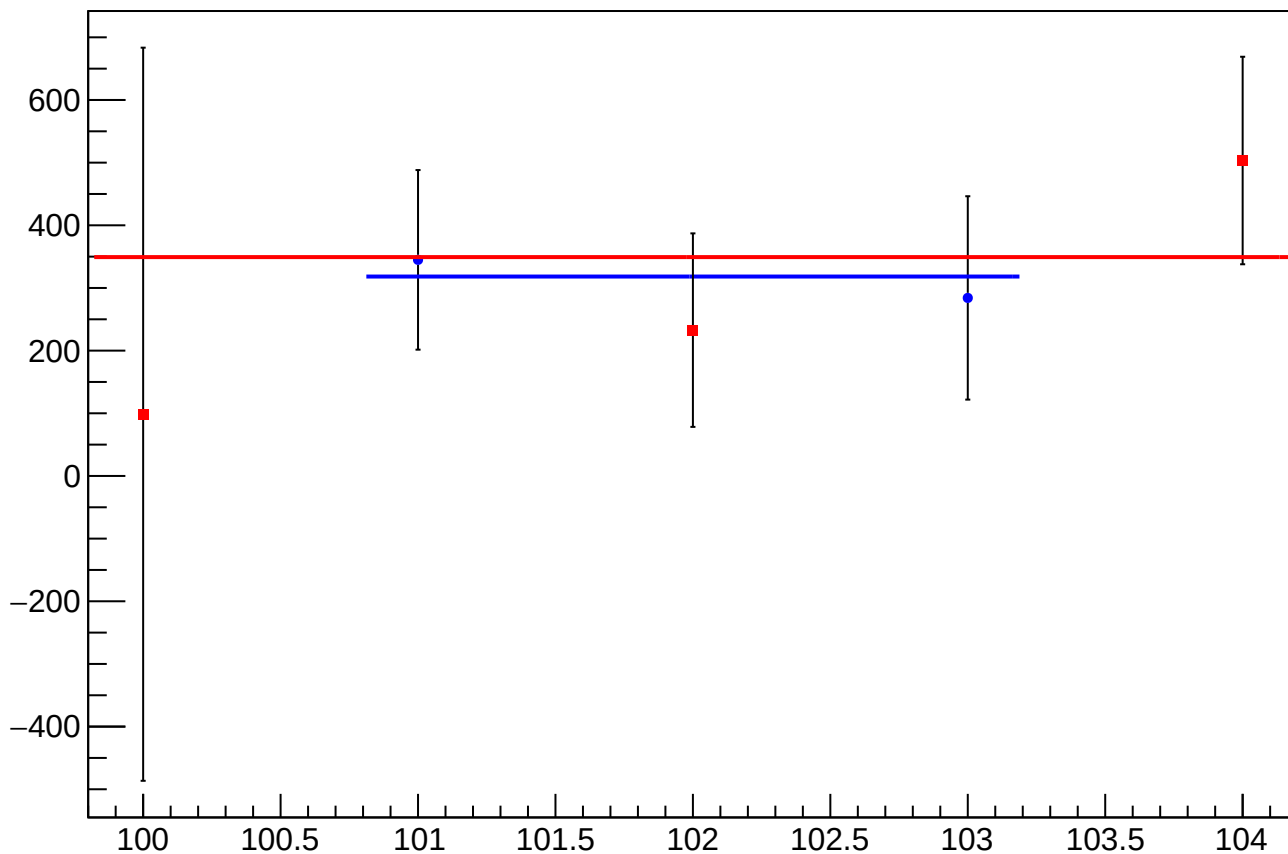
Right: 1512.152+/-0.678 χ^2/NDF : 24418.1/4

In: 1479.443+/-0.934 χ^2/NDF : 9851.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.152+/-0.678 χ^2/NDF : 24418.1/4

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: 349.262 $\pm$ 110.878 χ^2 /NDF: 1.6/2

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

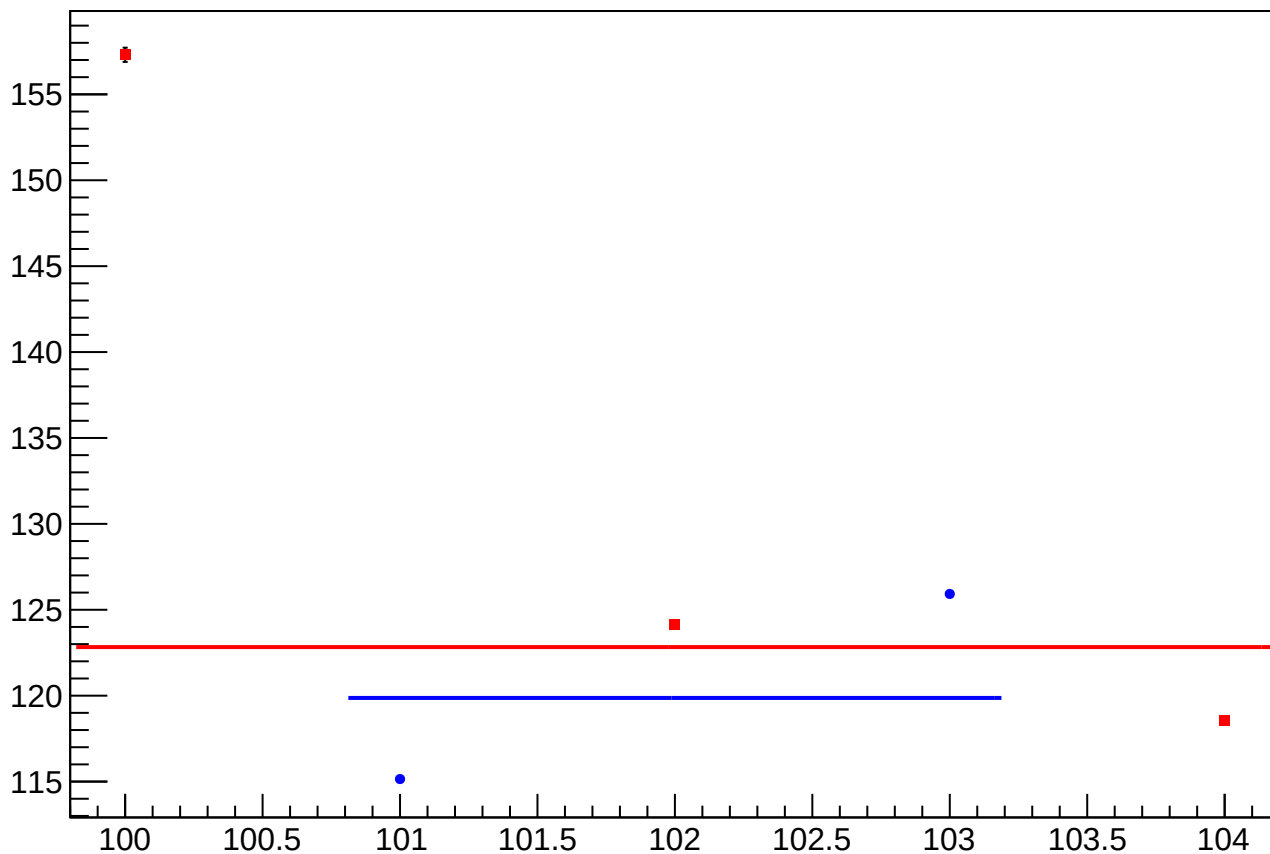
Right: 333.257 $\pm$ 77.153 χ^2 /NDF: 1.7/4

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: 333.257 $\pm$ 77.153 χ^2 /NDF: 1.7/4

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 119.869 $\pm$ 0.076 χ^2 /NDF: 4954.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.828 $\pm$ 0.078 χ^2 /NDF: 8403.9/2

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

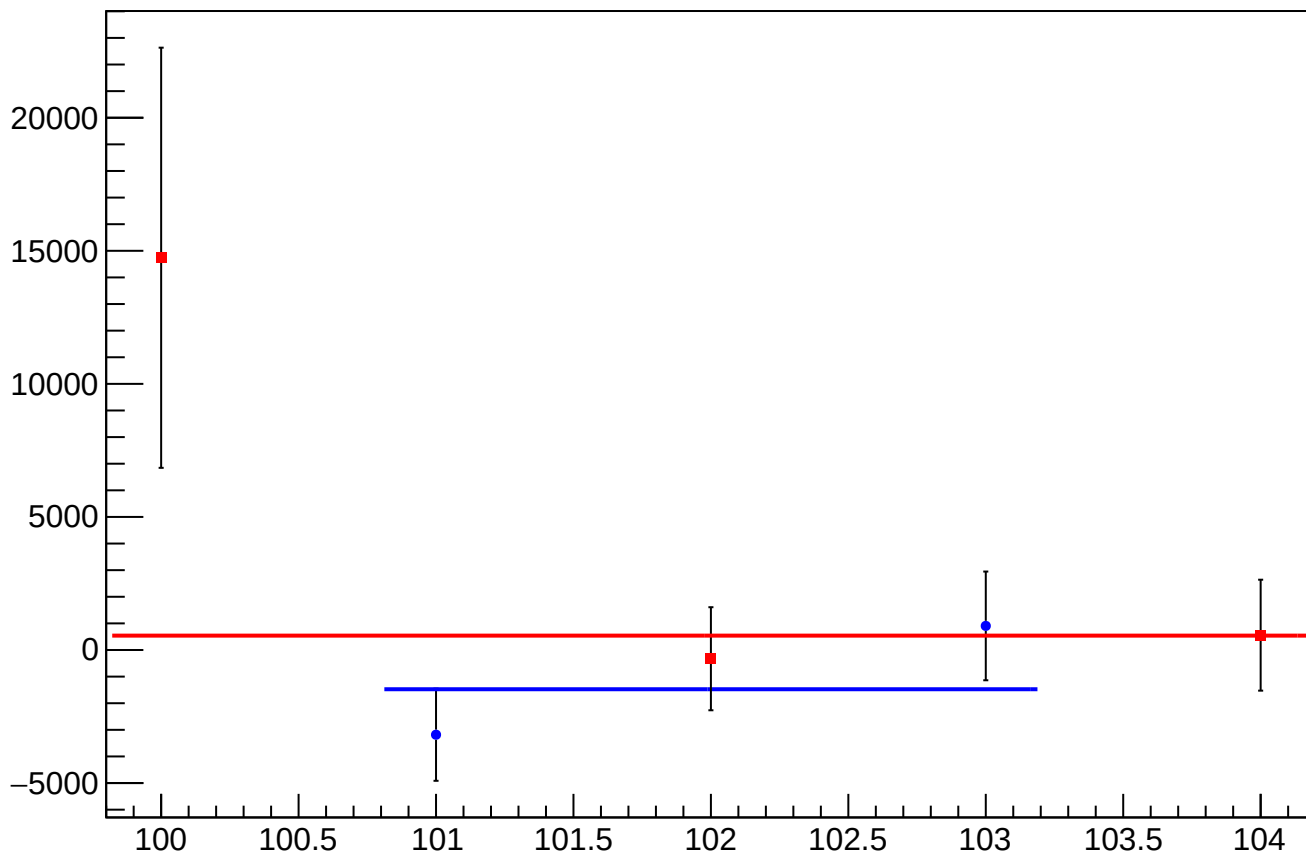
Right: 121.301 $\pm$ 0.055 χ^2 /NDF: 14093.0/4

In: 119.869 $\pm$ 0.076 χ^2 /NDF:4954.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 121.301 $\pm$ 0.055 χ^2 /NDF: 14093.0/4

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 540.093+/-1396.314 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

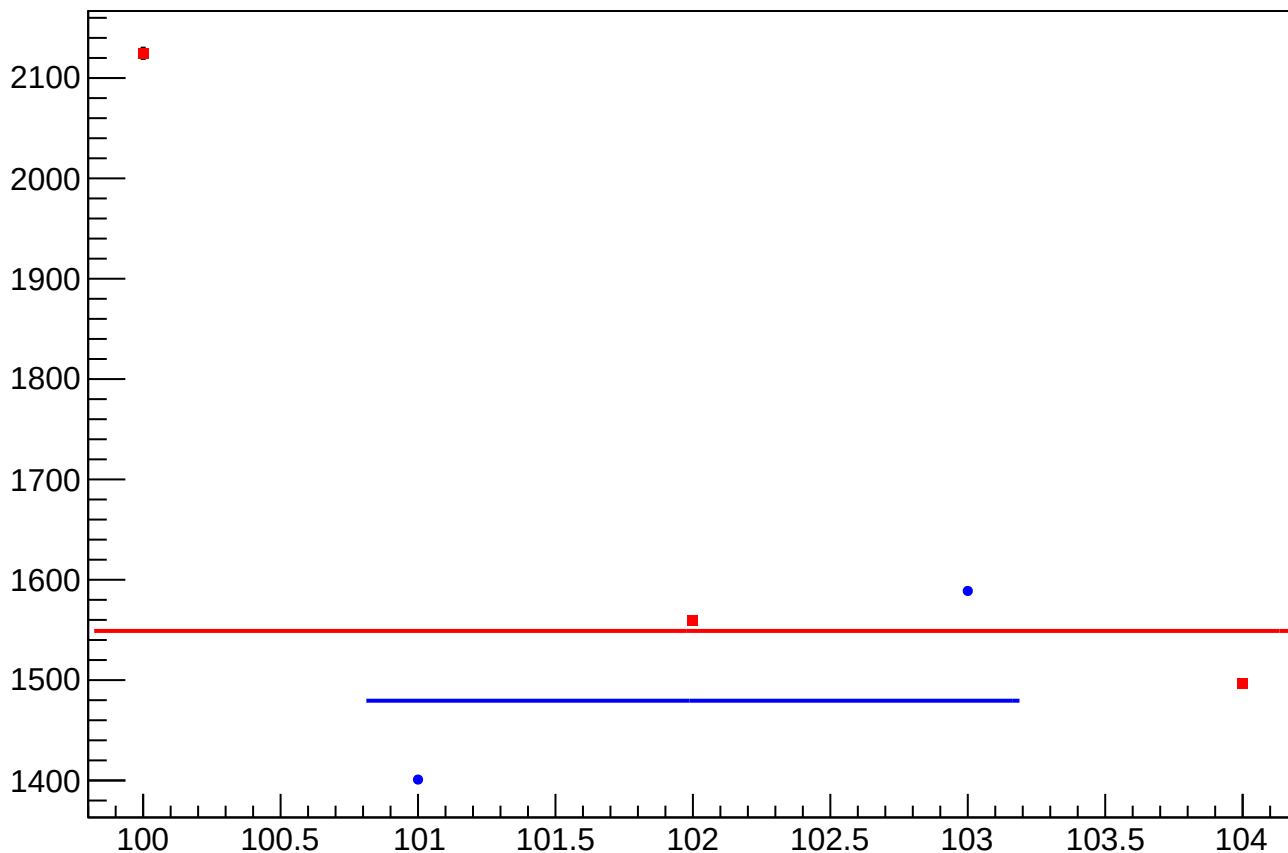
Right: -523.333+/-959.470 χ^2/NDF : 6.9/4

In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -523.333+/-959.470 χ^2/NDF : 6.9/4

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: 1549.019+/-0.987 χ^2/NDF : 11972.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

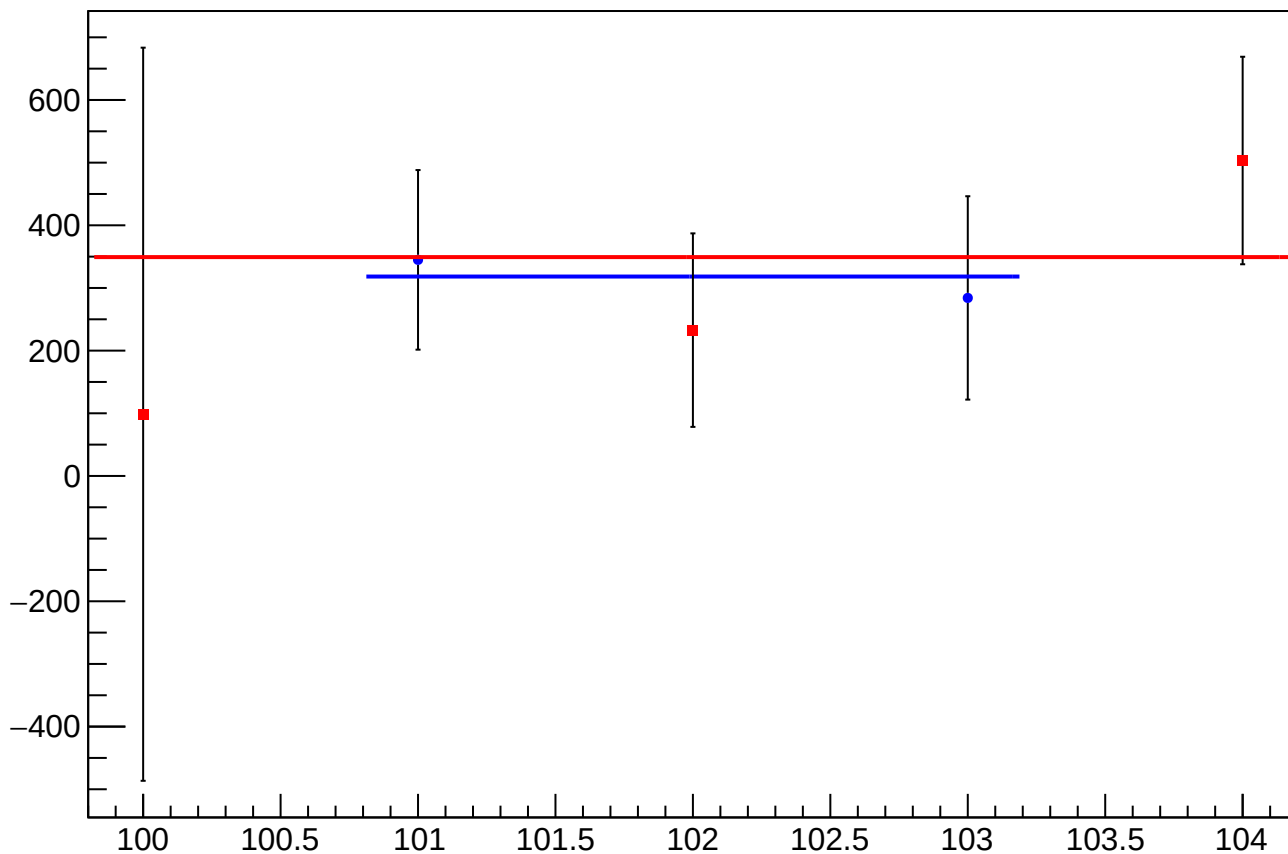
Right: 1512.307+/-0.678 χ^2/NDF : 24449.3/4

In: 1479.466+/-0.934 χ^2/NDF : 9857.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.307+/-0.678 χ^2/NDF : 24449.3/4

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: 349.262 $\pm$ 110.878 χ^2 /NDF: 1.6/2

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

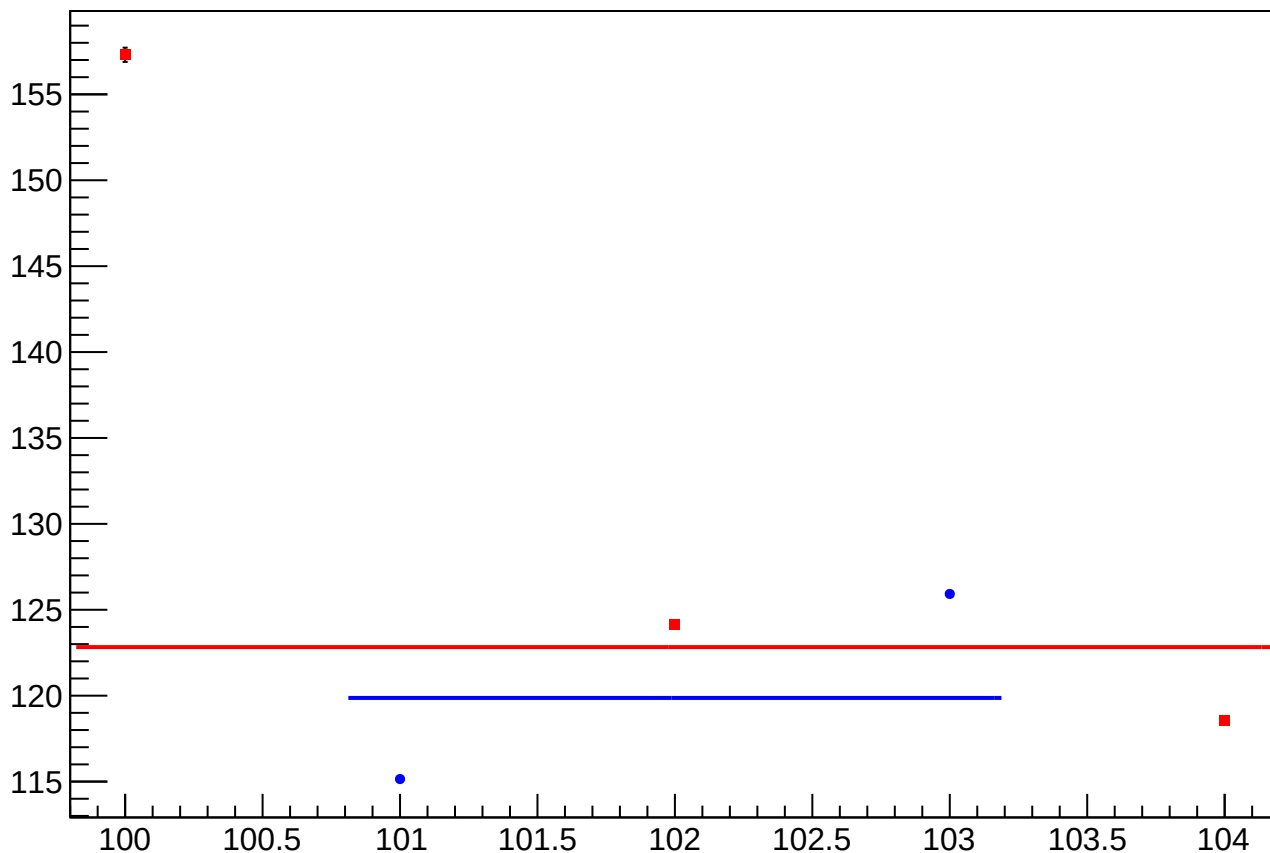
Right: 333.257 $\pm$ 77.153 χ^2 /NDF: 1.7/4

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: 333.257 $\pm$ 77.153 χ^2 /NDF: 1.7/4

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: 122.828+/-0.078 χ^2/NDF : 8403.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

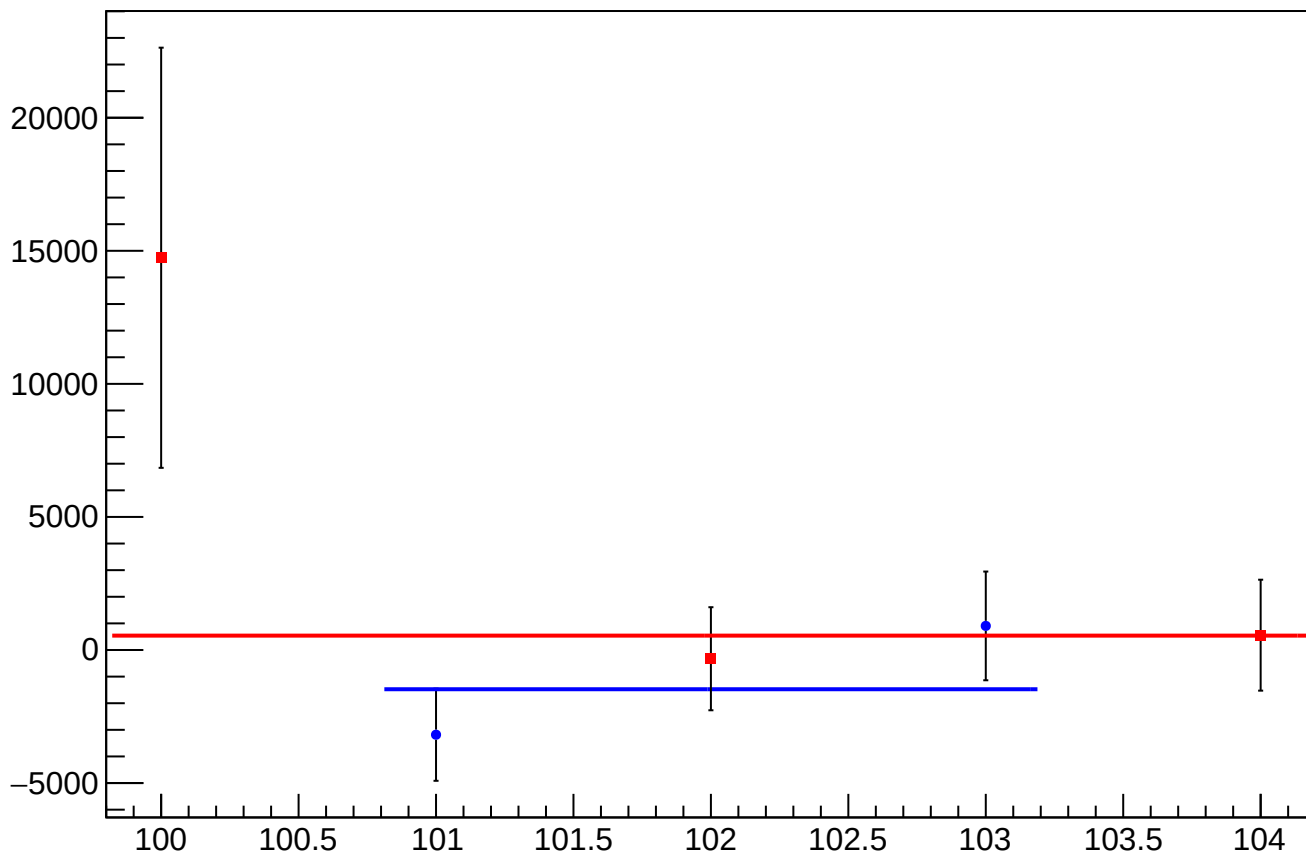
Right: 121.301+/-0.055 χ^2/NDF : 14093.0/4

In: 119.869+/-0.076 χ^2/NDF : 4954.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.301+/-0.055 χ^2/NDF : 14093.0/4

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: 540.093+/-1396.314 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

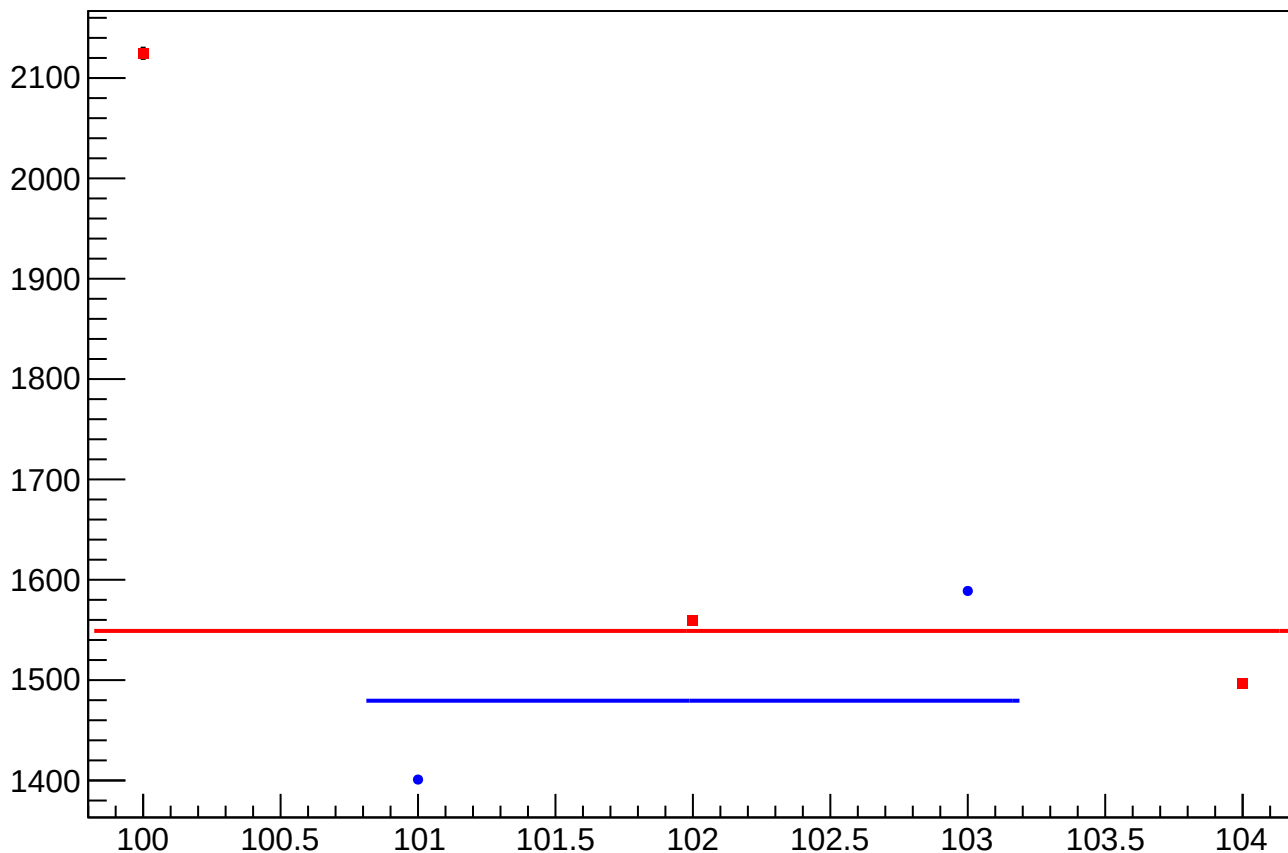
Right: -523.333+/-959.470 χ^2/NDF : 6.9/4

In: -1474.613+/-1320.638 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -523.333+/-959.470 χ^2/NDF : 6.9/4

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1479.466 $\pm$ 0.934 χ^2 /NDF: 9857.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1549.019 $\pm$ 0.987 χ^2 /NDF: 11972.5/2

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

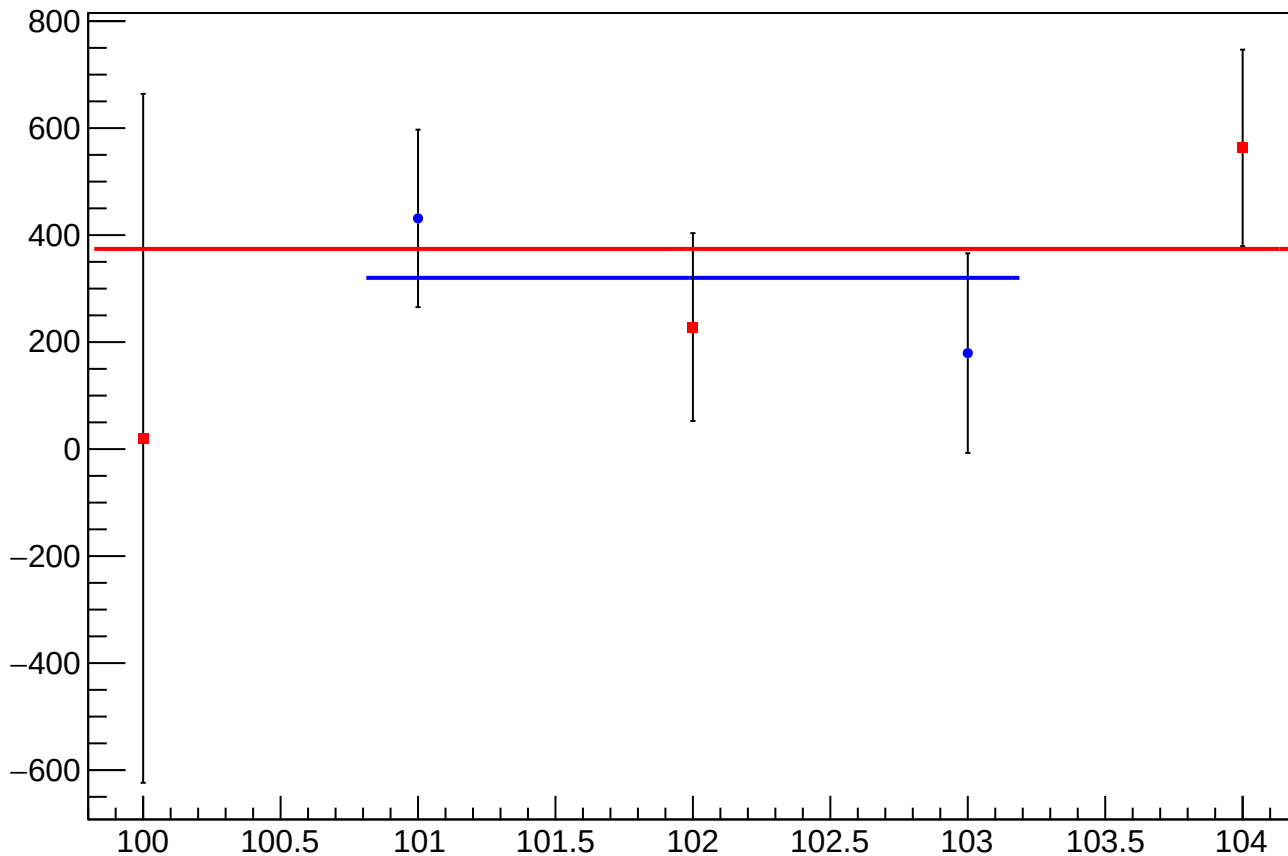
Right: 1512.307 $\pm$ 0.678 χ^2 /NDF: 24449.3/4

In: 1479.466 $\pm$ 0.934 χ^2 /NDF:9857.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1512.307 $\pm$ 0.678 χ^2 /NDF: 24449.3/4

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: 374.259 $\pm$ 124.523 χ^2 /NDF: 2.1/2

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

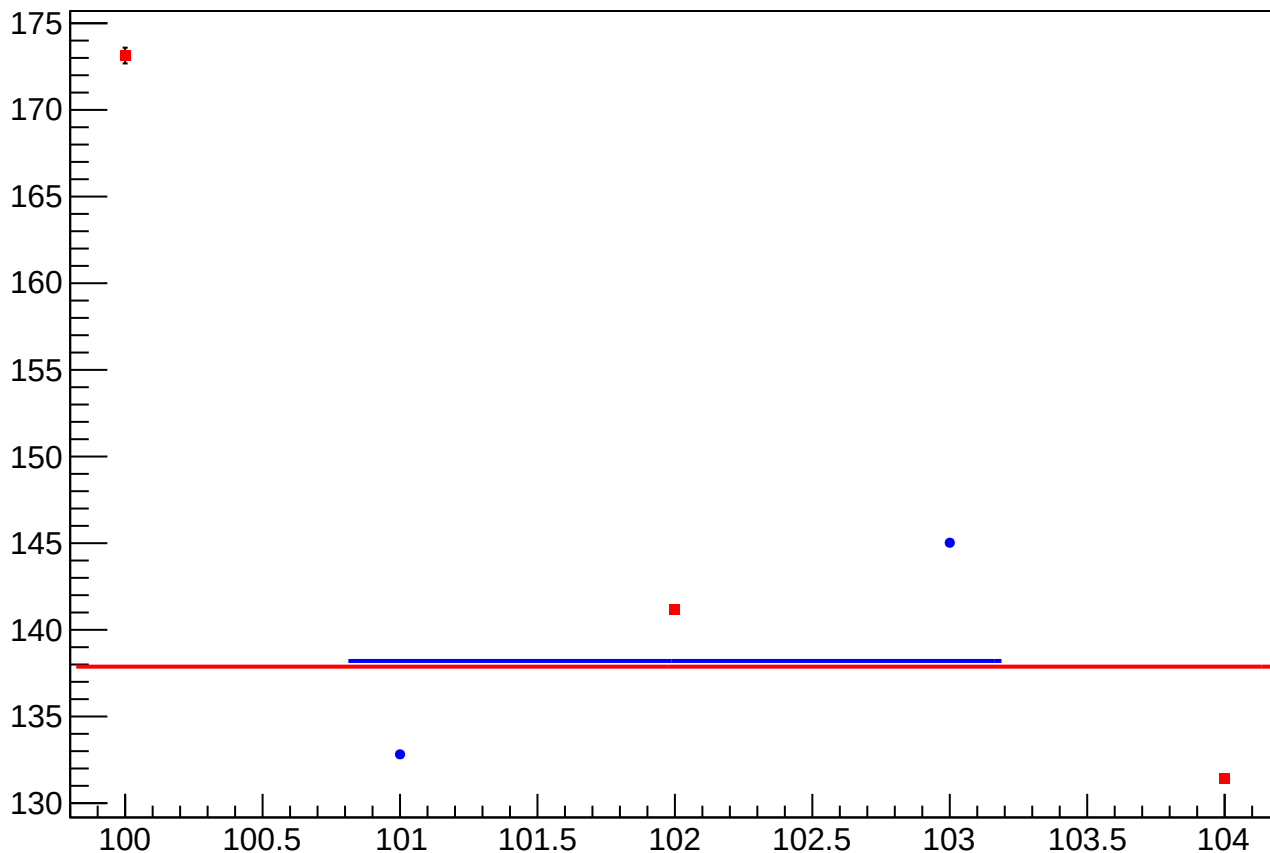
Right: 347.060 $\pm$ 87.847 χ^2 /NDF: 3.2/4

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: 347.060 $\pm$ 87.847 χ^2 /NDF: 3.2/4

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: 137.877 $\pm$ 0.088 χ^2 /NDF: 9166.6/2

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

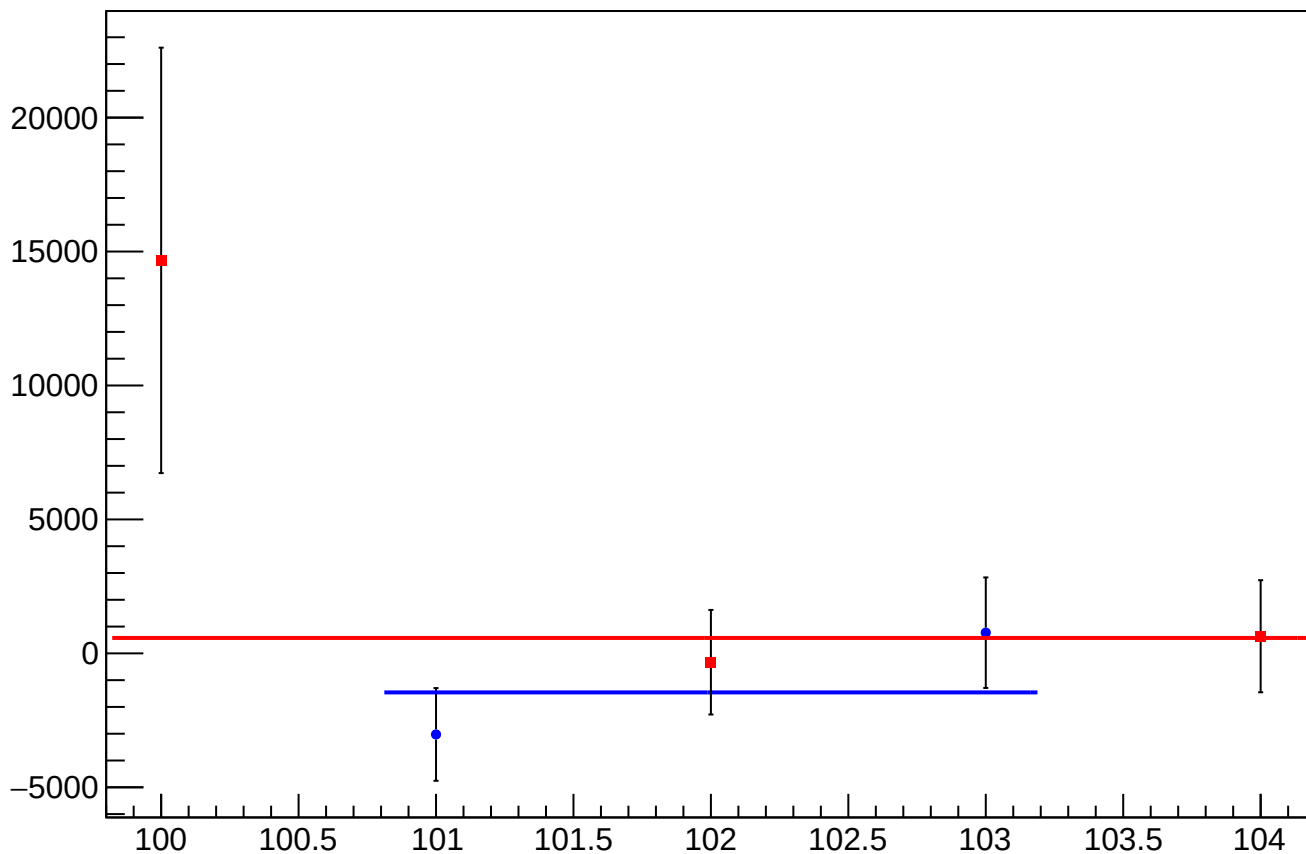
Right: 138.042 $\pm$ 0.062 χ^2 /NDF: 13958.0/4

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: 138.042 $\pm$ 0.062 χ^2 /NDF: 13958.0/4

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: 575.682+/-1404.519 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

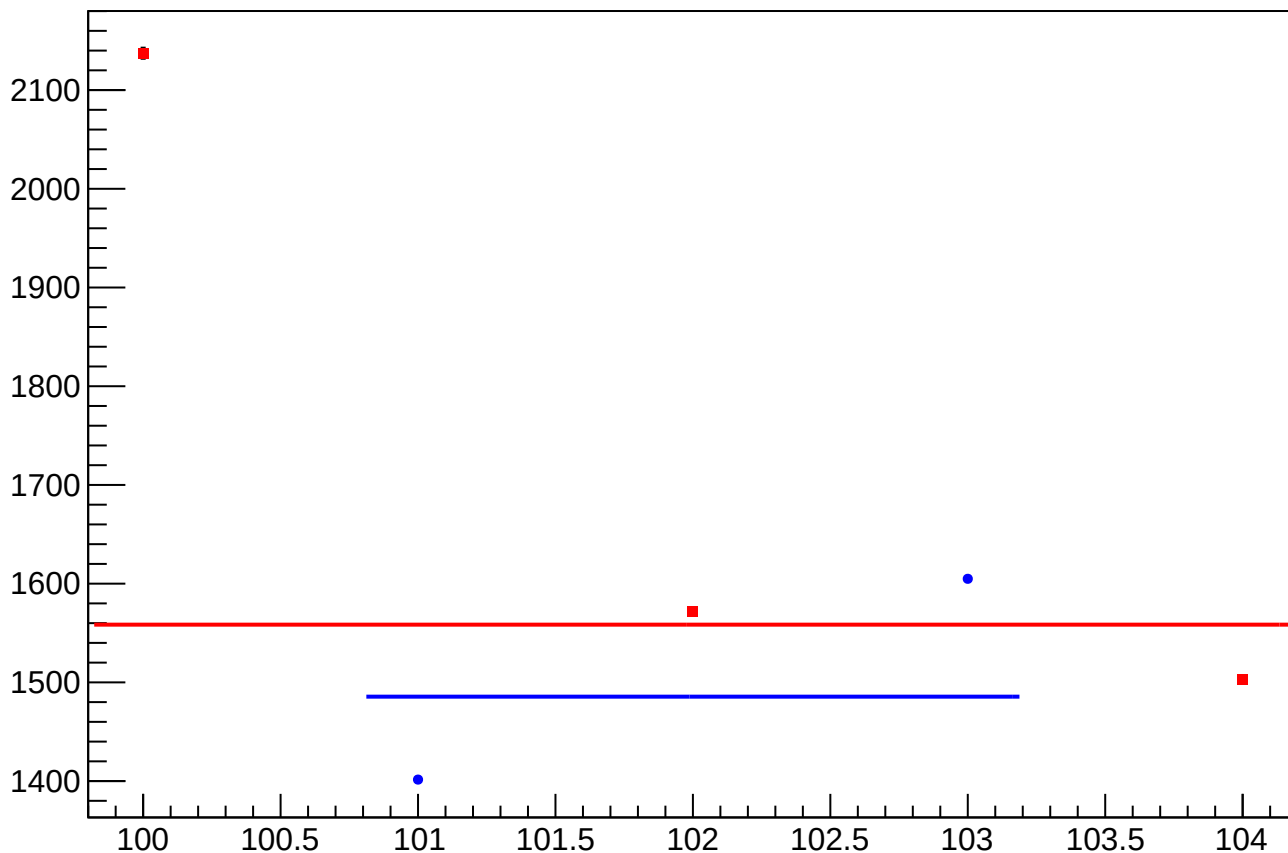
Right: -499.597+/-964.144 χ^2/NDF : 6.5/4

In: -1457.849+/-1325.888 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.597+/-964.144 χ^2/NDF : 6.5/4

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: 1558.466+/-0.993 χ^2/NDF : 12151.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

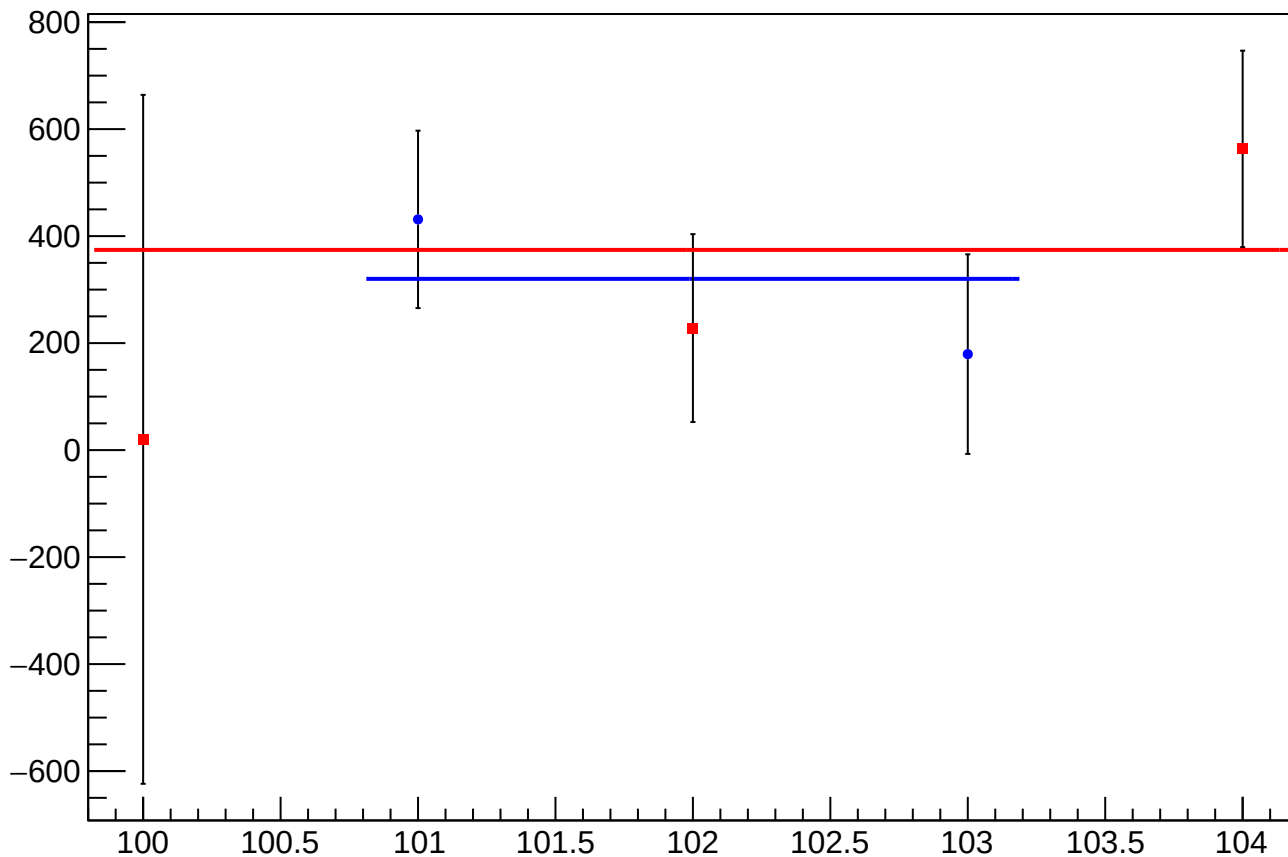
Right: 1519.898+/-0.682 χ^2/NDF : 26414.0/4

In: 1485.528+/-0.938 χ^2/NDF : 11411.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.898+/-0.682 χ^2/NDF : 26414.0/4

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: 374.261 $\pm$ 124.522 χ^2 /NDF: 2.1/2

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

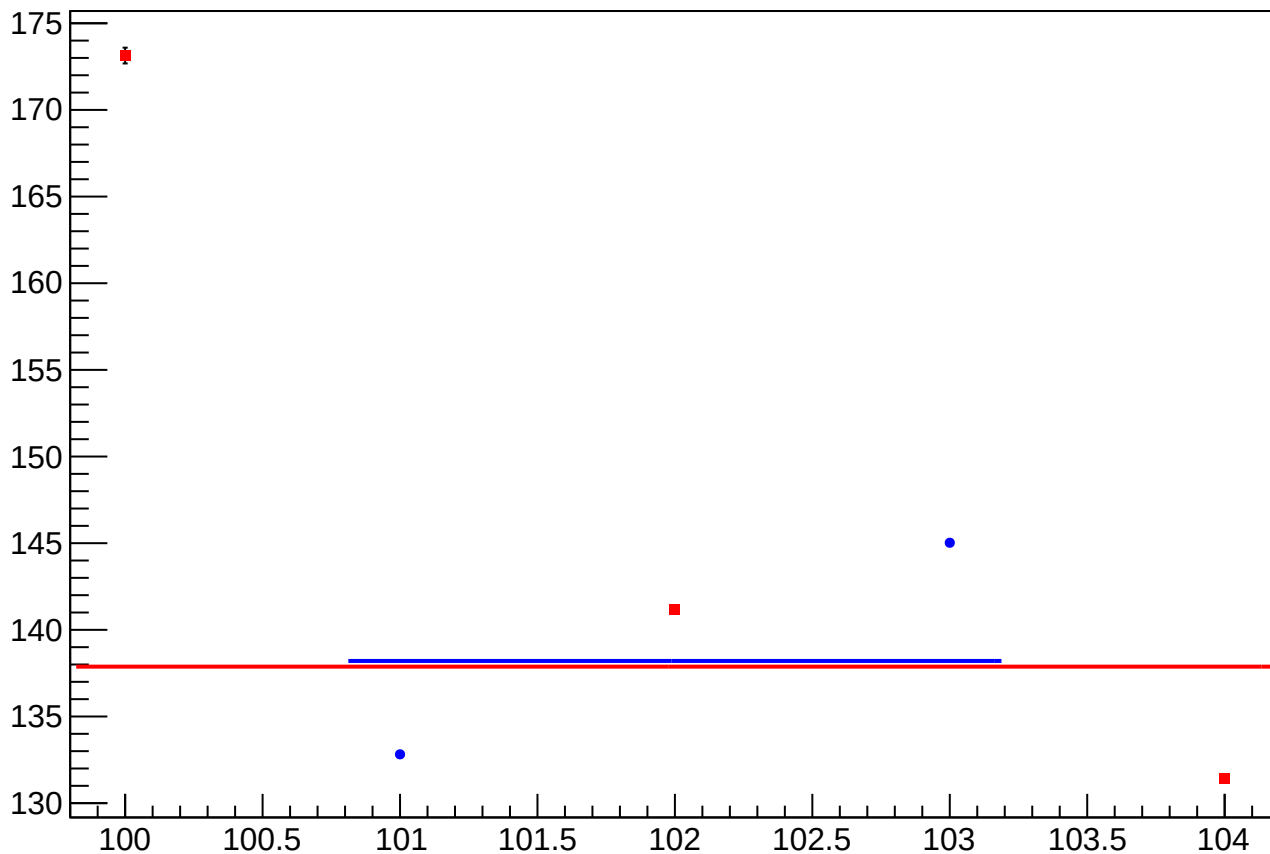
Right: 347.059 $\pm$ 87.846 χ^2 /NDF: 3.2/4

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: 347.059 $\pm$ 87.846 χ^2 /NDF: 3.2/4

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: 137.876+/-0.088 χ^2/NDF : 9166.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

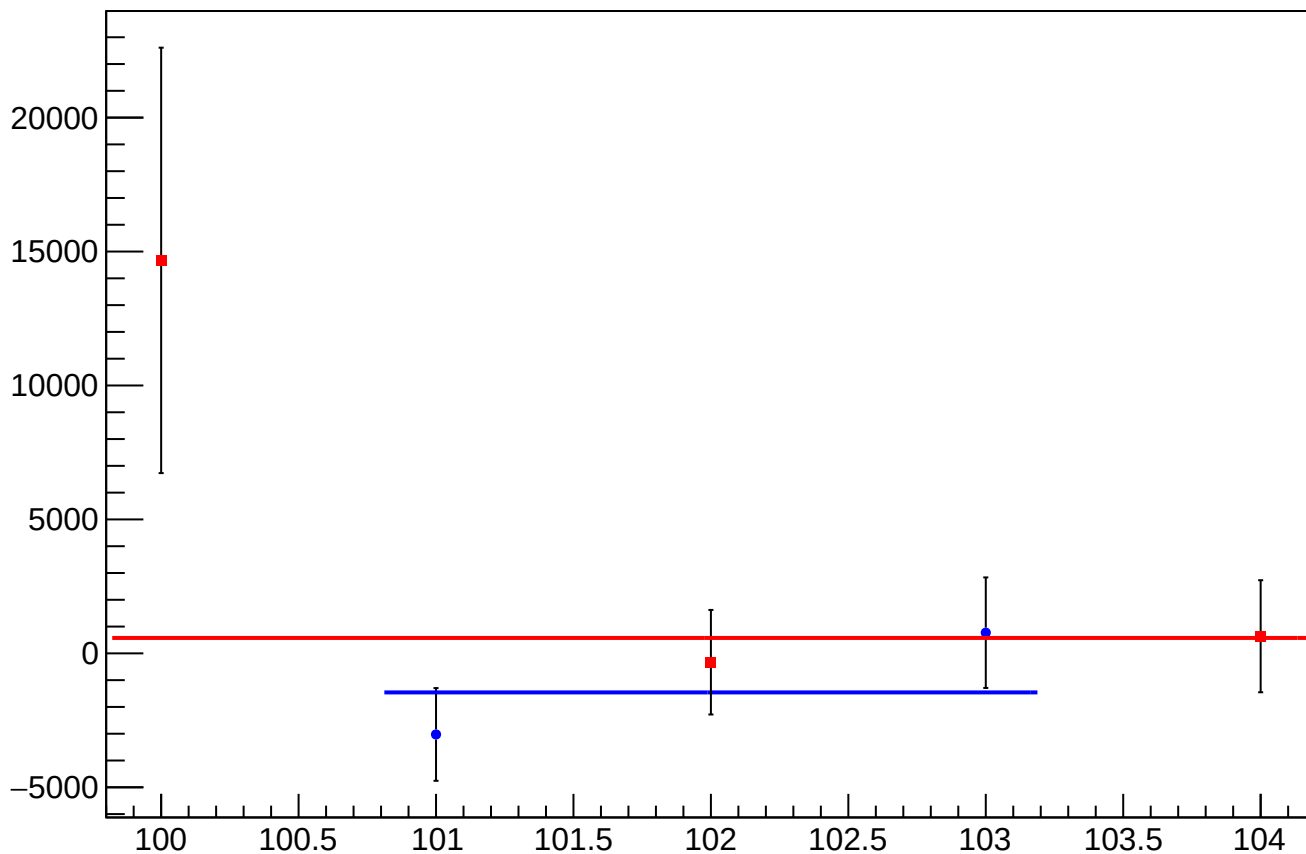
Right: 138.041+/-0.062 χ^2/NDF : 13957.7/4

In: 138.205+/-0.088 χ^2/NDF : 4784.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.041+/-0.062 χ^2/NDF : 13957.7/4

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: 575.682+/-1404.516 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

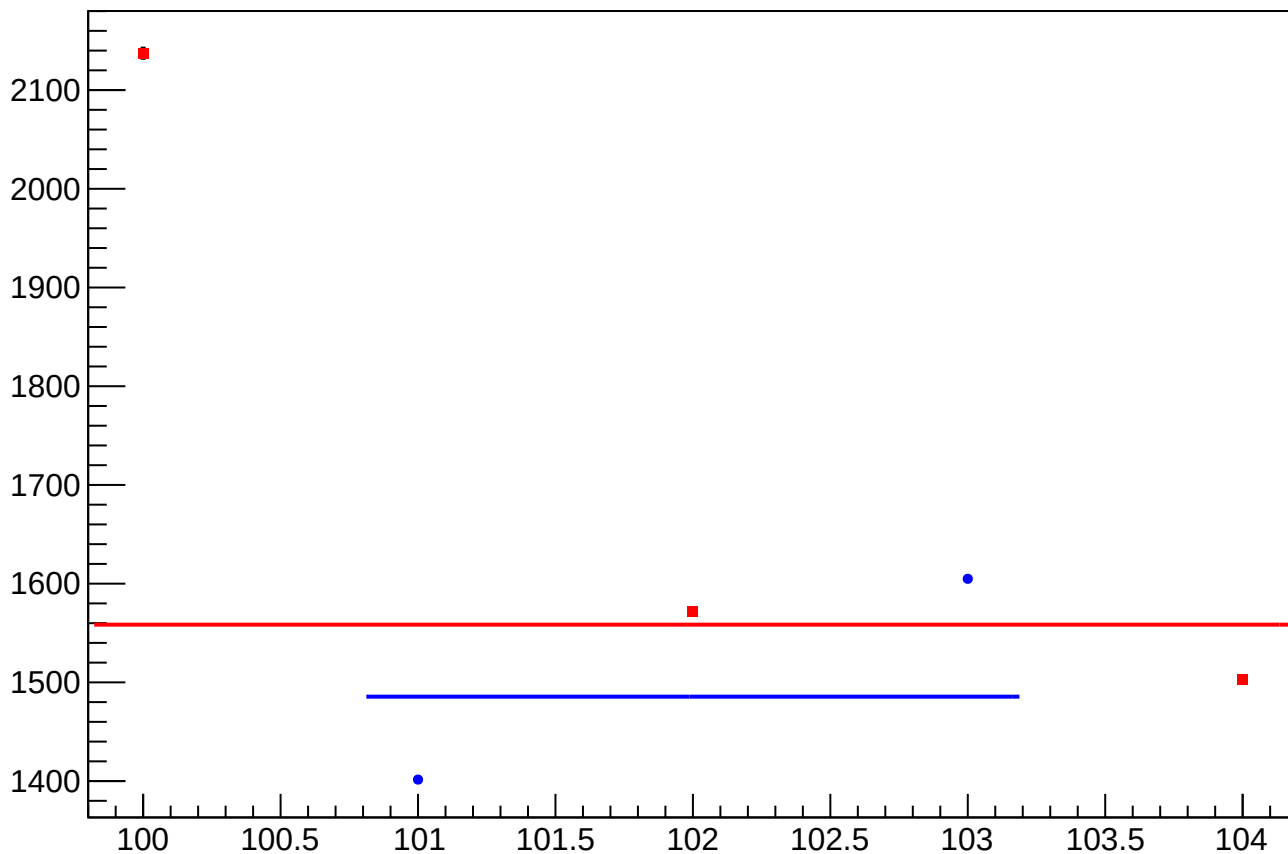
Right: -499.597+/-964.143 χ^2/NDF : 6.5/4

In: -1457.850+/-1325.886 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.597+/-964.143 χ^2/NDF : 6.5/4

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: 1558.463+/-0.993 χ^2/NDF : 12151.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

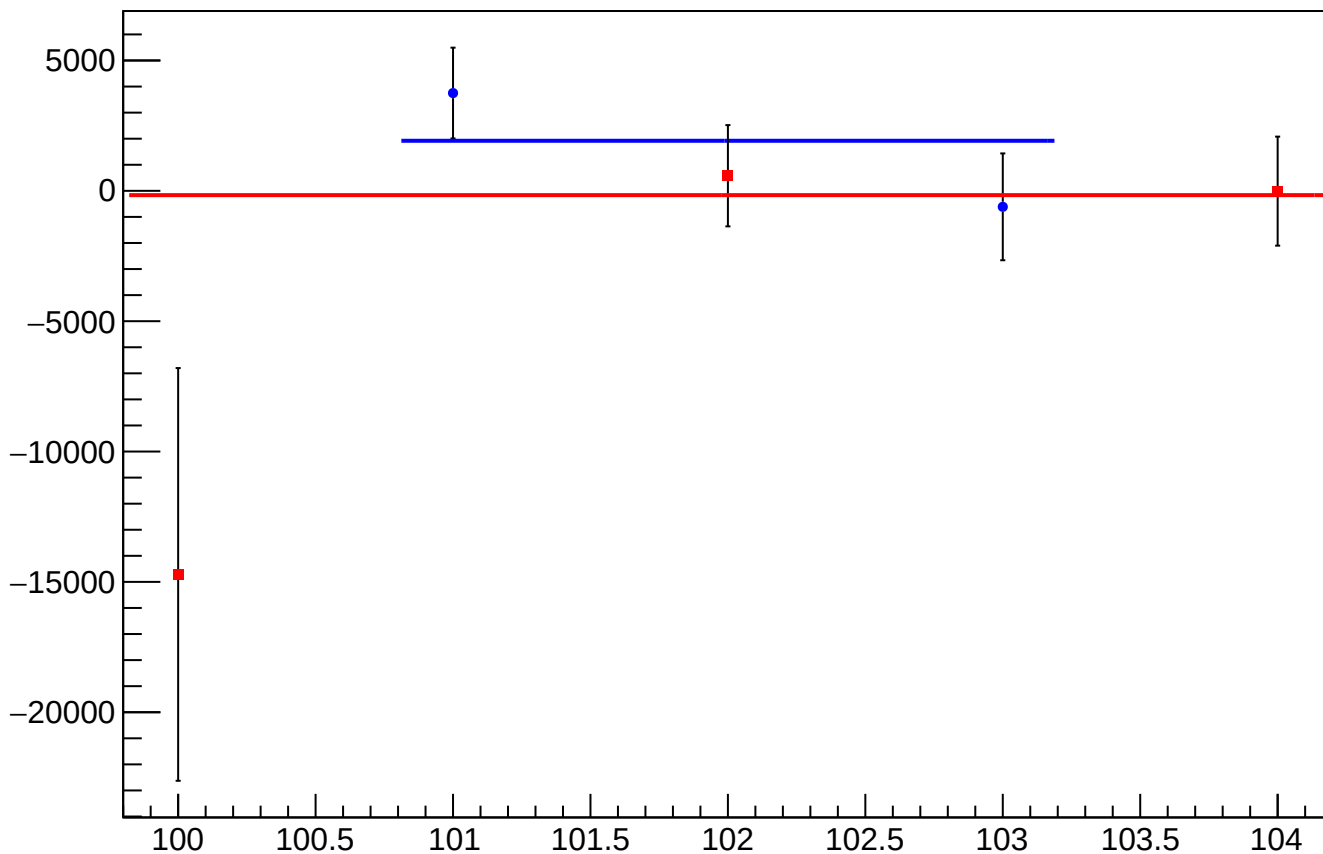
Right: 1519.896+/-0.682 χ^2/NDF : 26413.9/4

In: 1485.527+/-0.938 χ^2/NDF : 11410.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.896+/-0.682 χ^2/NDF : 26413.9/4

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: -164.424+/-1400.492 χ^2 /NDF: 3.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

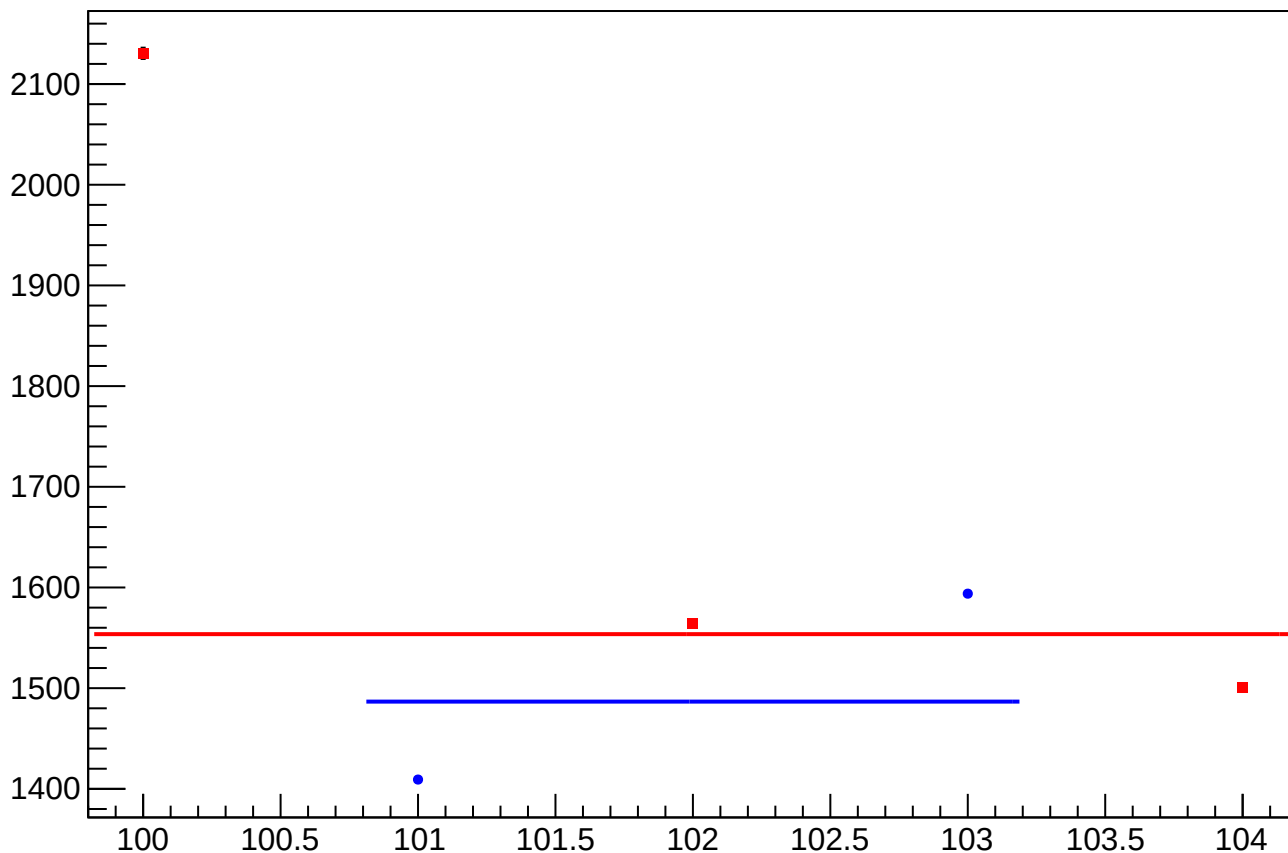
Right: 934.257+/-963.214 χ^2 /NDF: 7.3/4

In: 1920.457+/-1326.868 χ^2 /NDF:2.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 934.257+/-963.214 χ^2 /NDF: 7.3/4

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1486.656+/-0.938 χ^2/NDF : 9428.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1553.662+/-0.990 χ^2/NDF : 11944.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

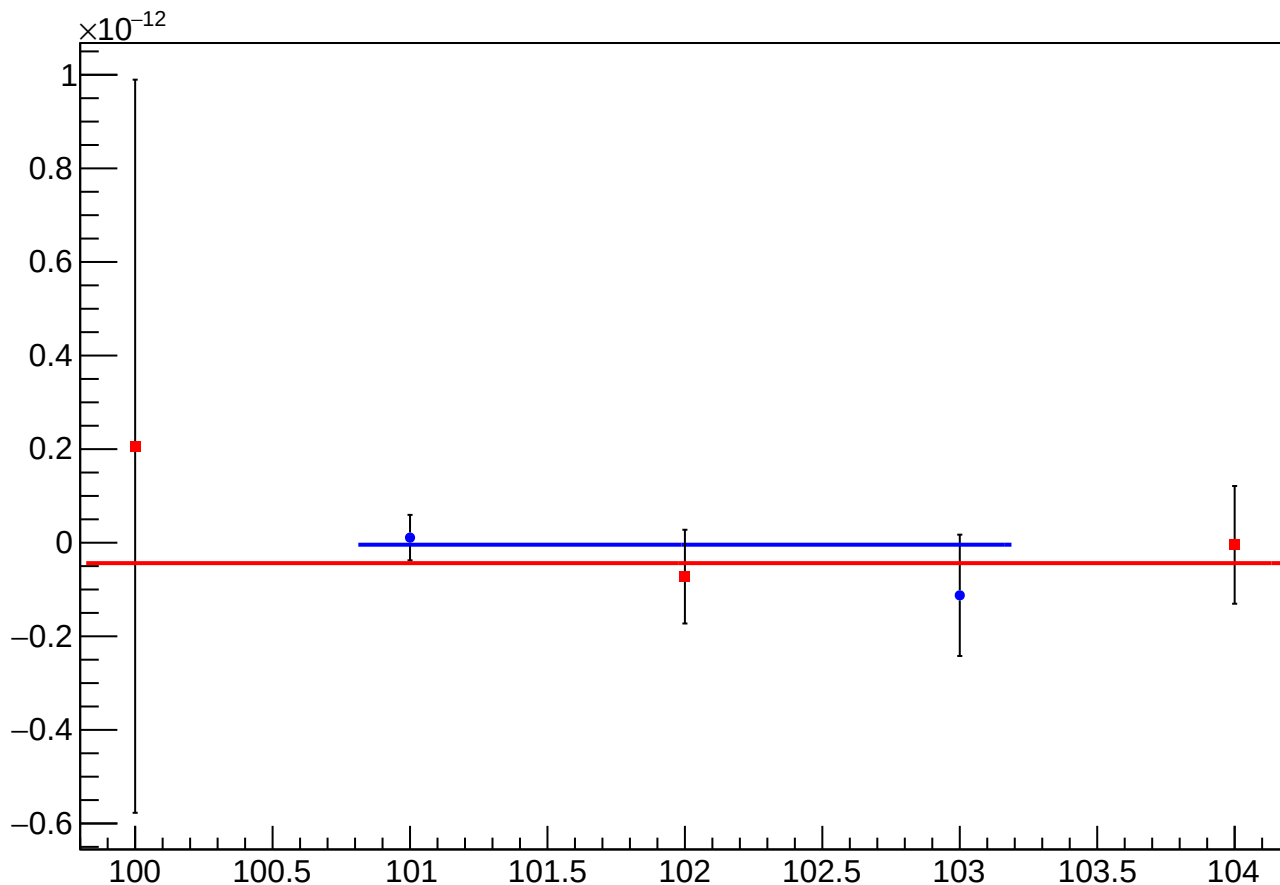
Right: 1518.351+/-0.681 χ^2/NDF : 23785.7/4

In: 1486.656+/-0.938 χ^2/NDF : 9428.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1518.351+/-0.681 χ^2/NDF : 23785.7/4

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 : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

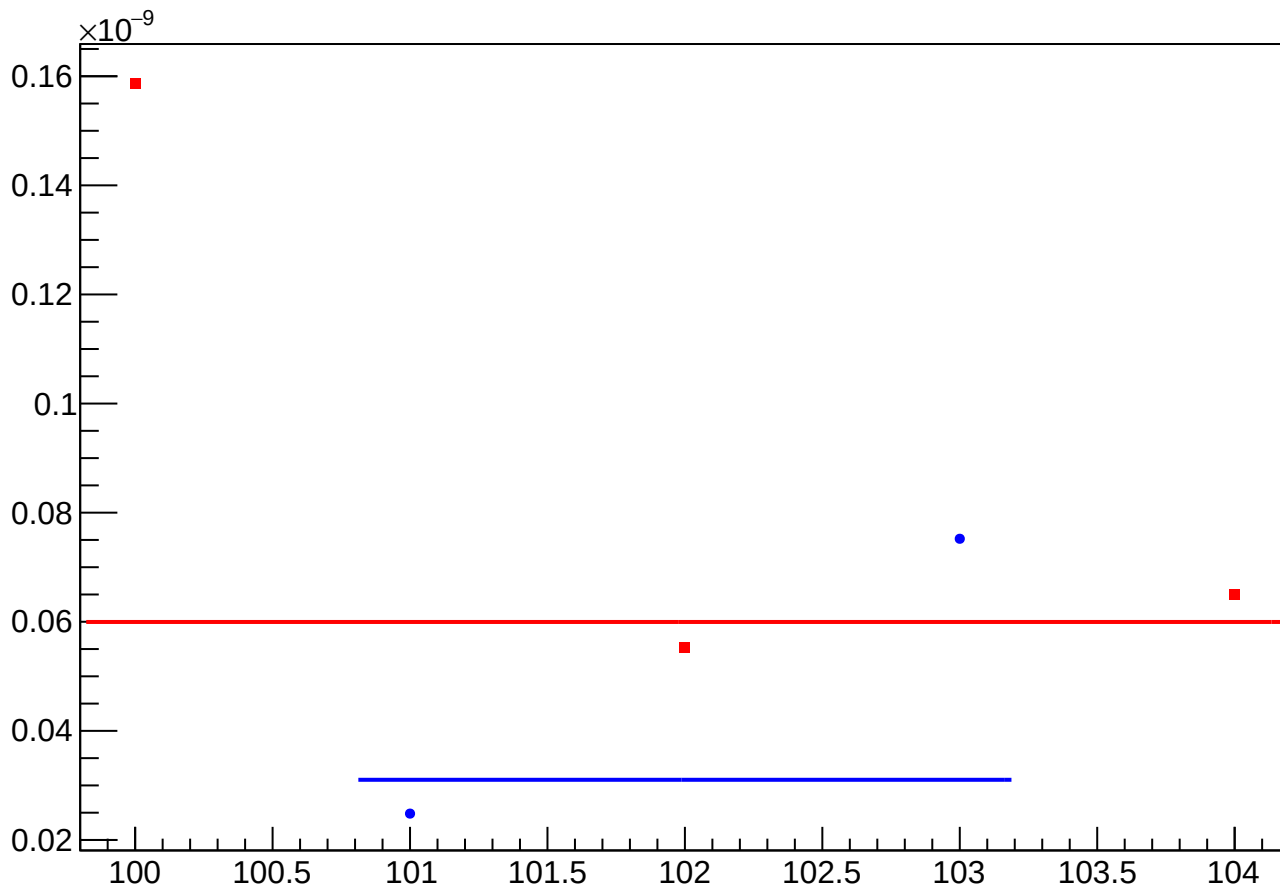
Right: -0.000+/-0.000 χ^2/NDF : 1.3/4

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 : 1.3/4

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 : 39402.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

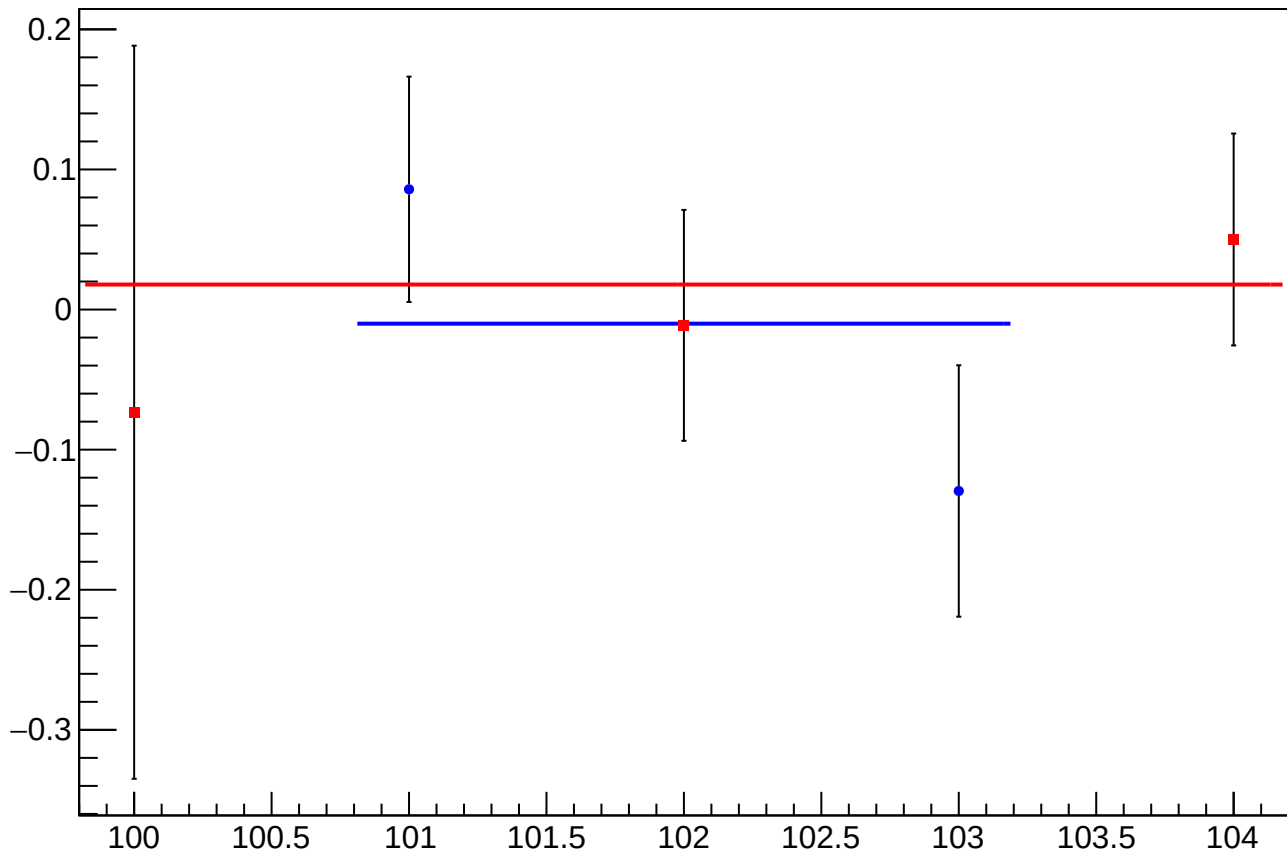
Right: 0.000+/-0.000 χ^2/NDF : 509848.9/4

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 : 509848.9/4

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: 0.018+/-0.054 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

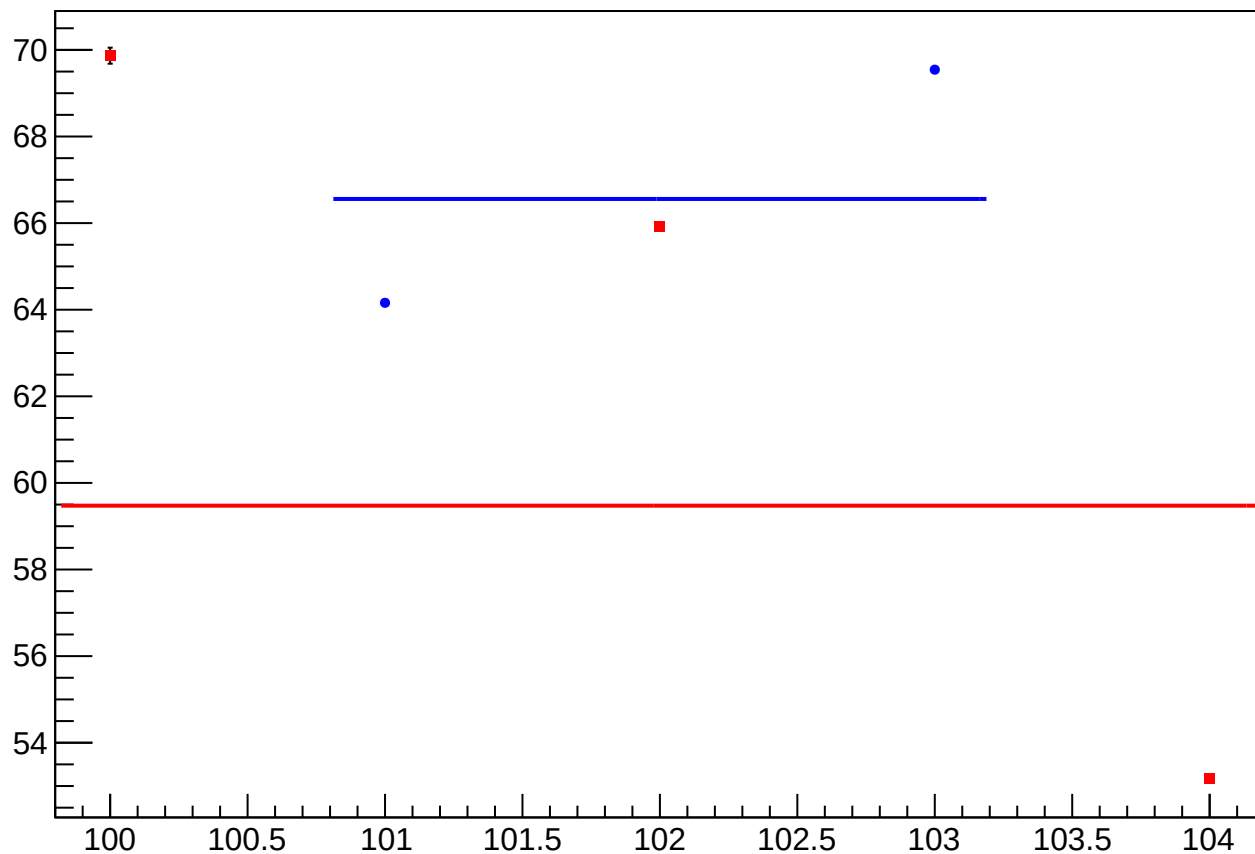
Right: 0.005+/-0.040 χ^2/NDF : 3.7/4

In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.040 χ^2/NDF : 3.7/4

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: 59.474+/-0.039 χ^2/NDF : 29286.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

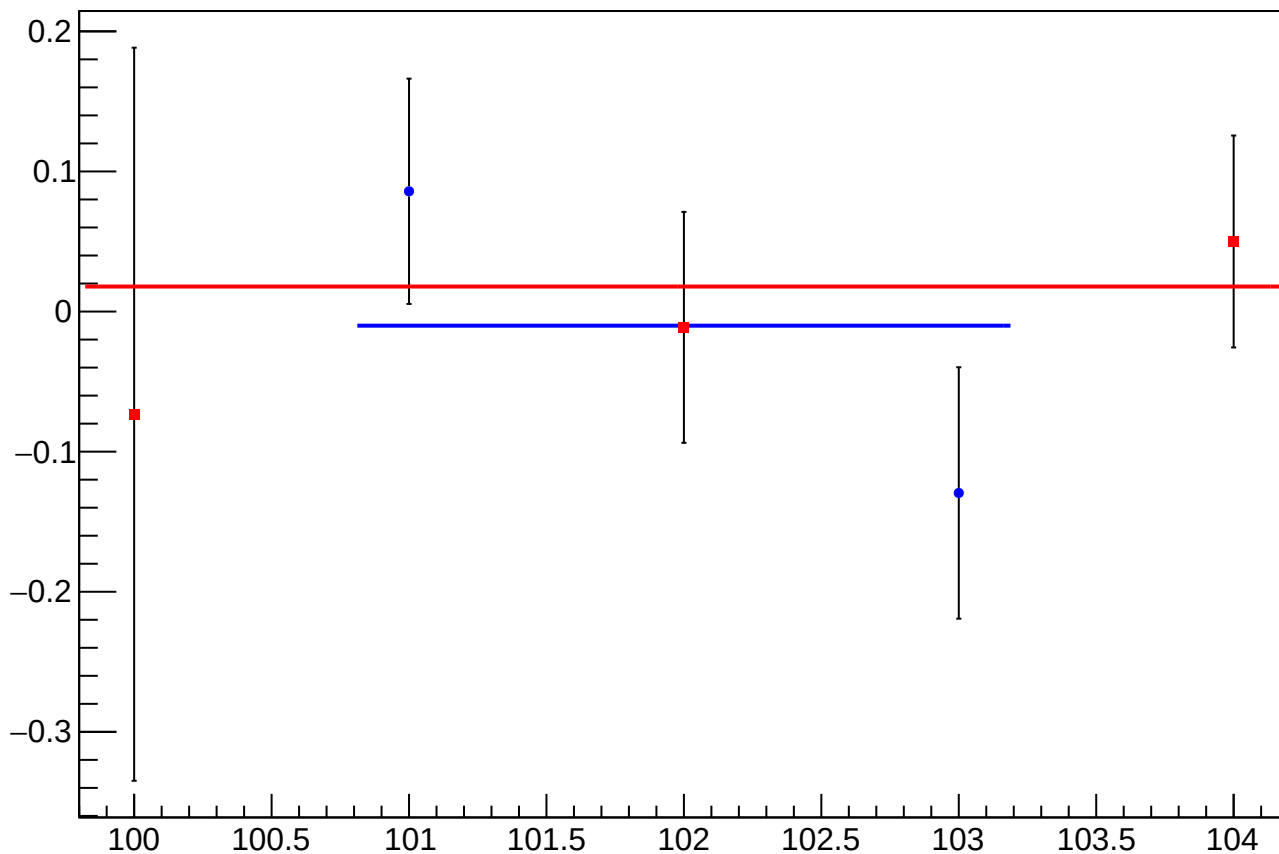
Right: 62.683+/-0.029 χ^2/NDF : 48585.5/4

In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.683+/-0.029 χ^2/NDF : 48585.5/4

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: 0.018 $\pm$ 0.054 χ^2 /NDF: 0.4/2

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

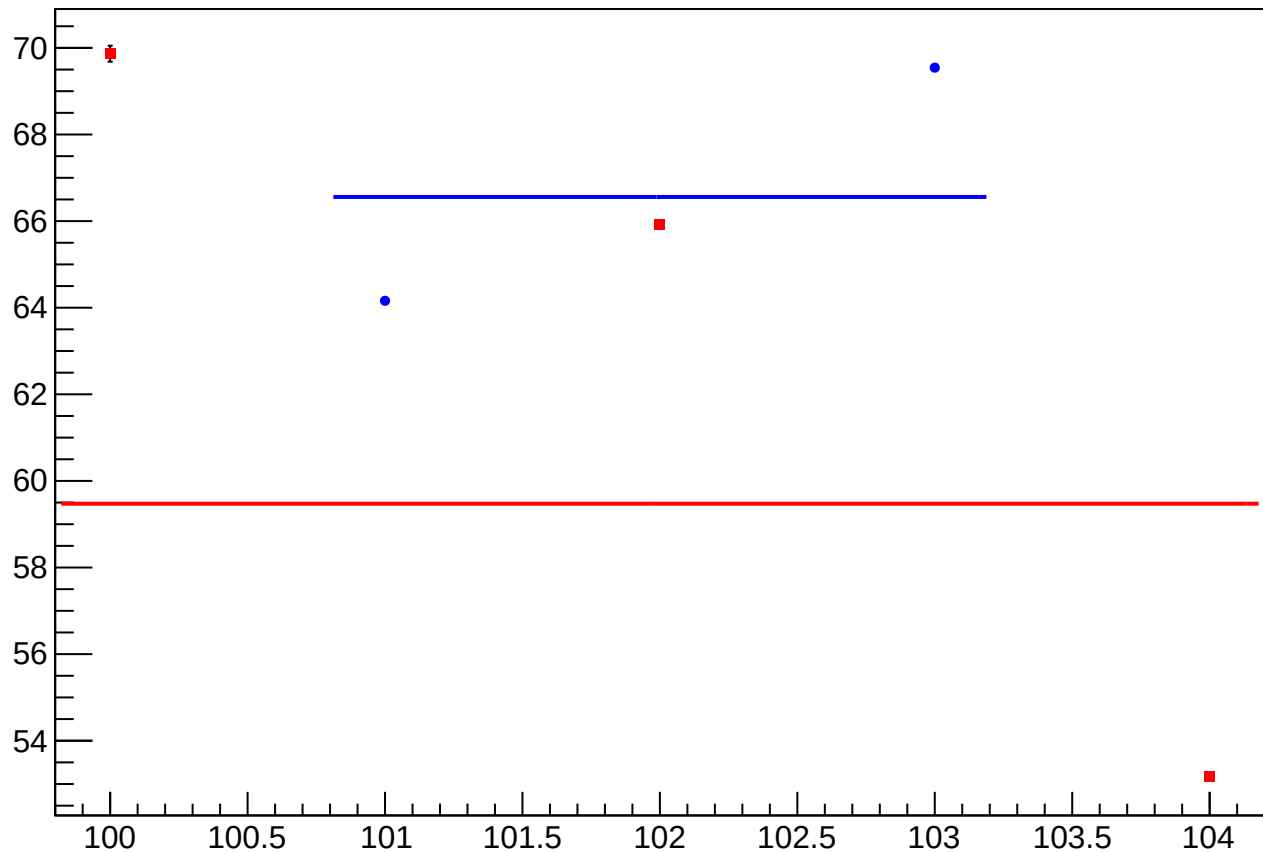
Right: 0.005 $\pm$ 0.040 χ^2 /NDF: 3.7/4

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: 0.005 $\pm$ 0.040 χ^2 /NDF: 3.7/4

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: 59.474+/-0.039 χ^2/NDF : 29286.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

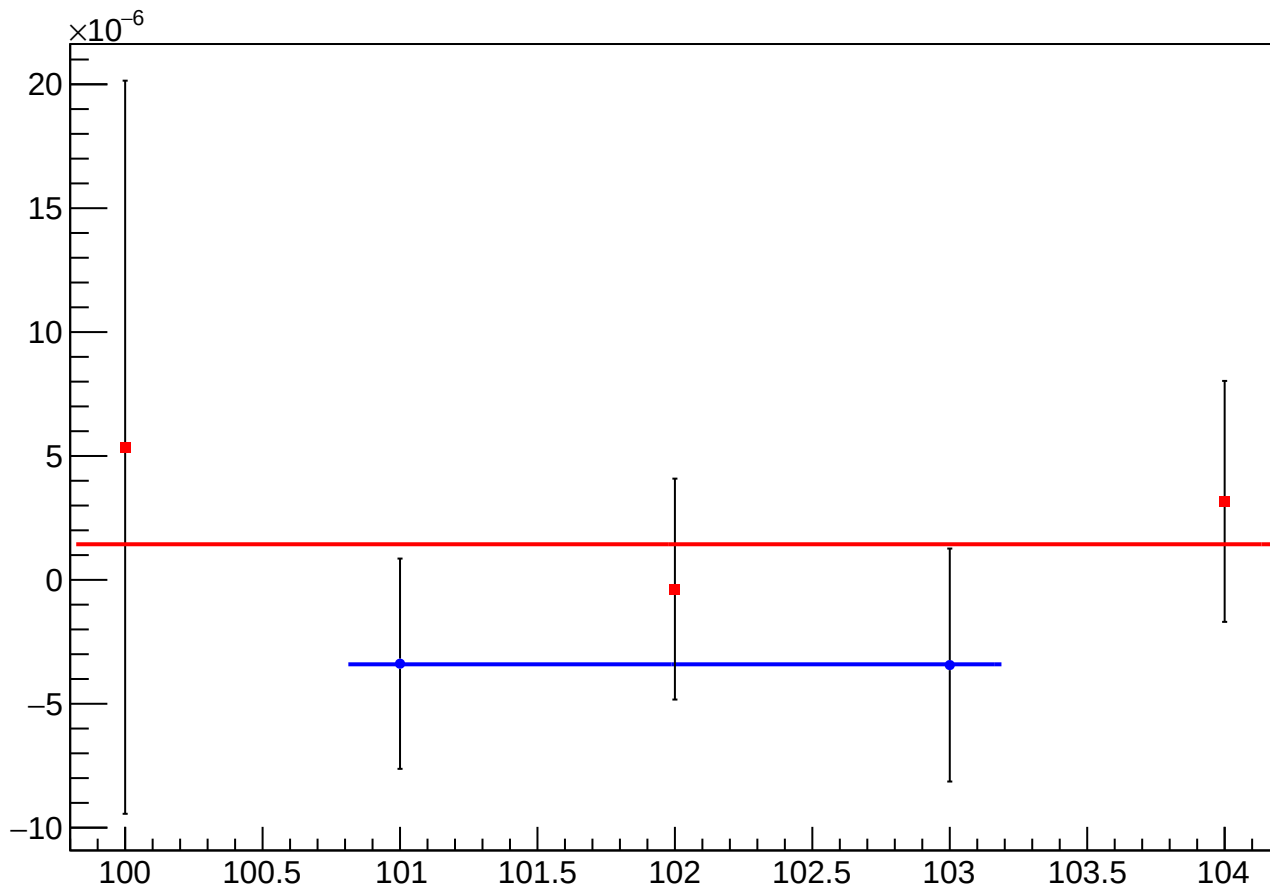
Right: 62.683+/-0.029 χ^2/NDF : 48585.5/4

In: 66.558+/-0.042 χ^2/NDF : 3993.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.683+/-0.029 χ^2/NDF : 48585.5/4

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 : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

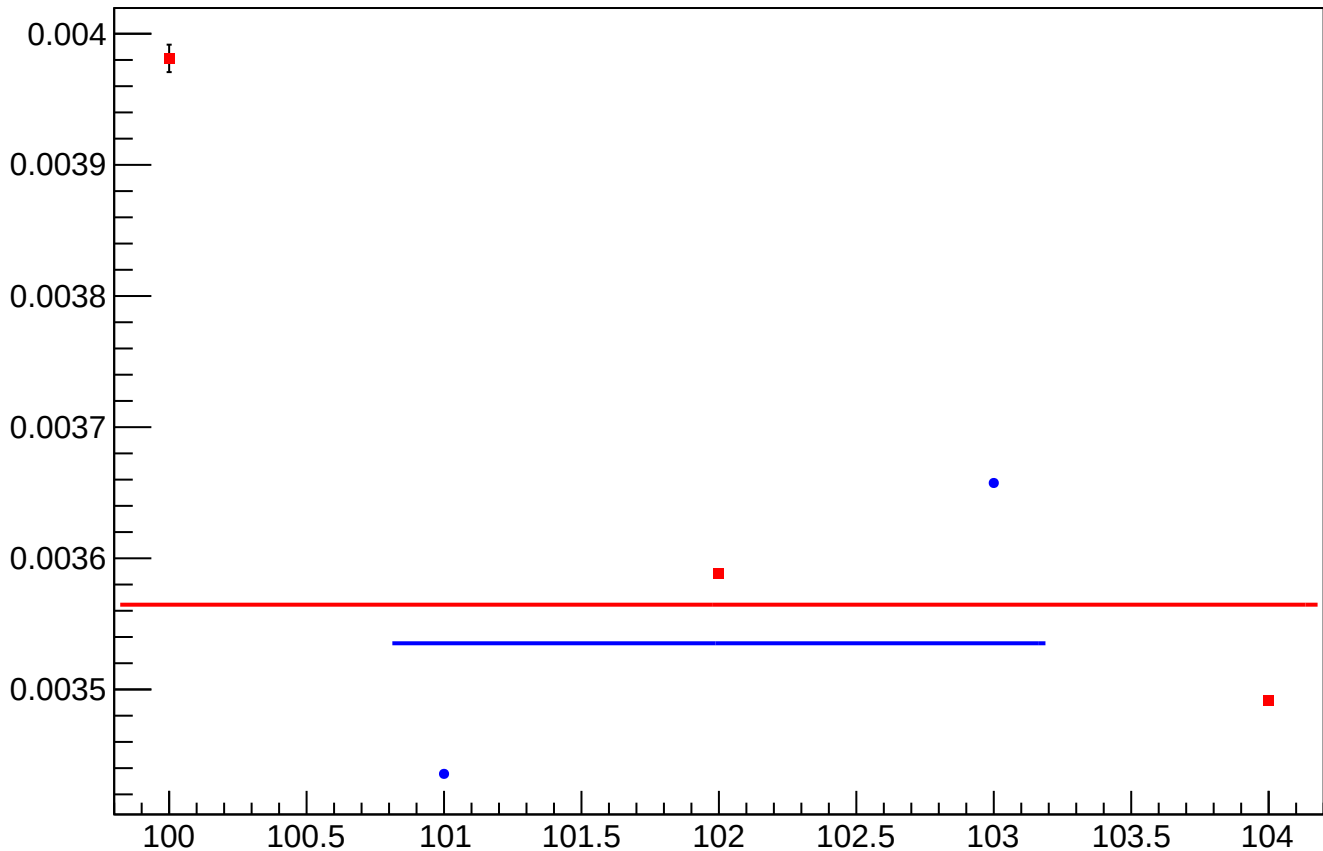
Right: -0.000+/-0.000 χ^2/NDF : 1.5/4

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 : 1.5/4

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 : 2097.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

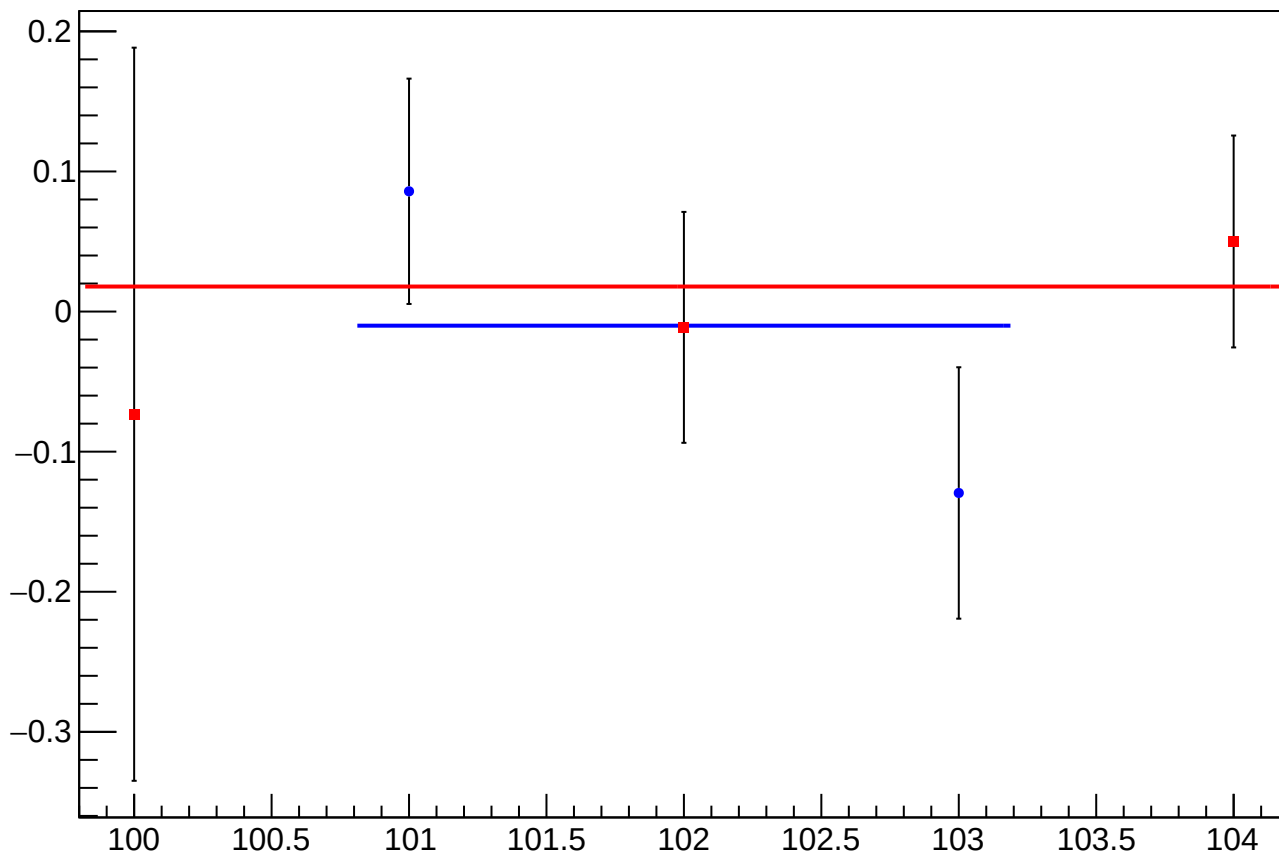
Right: 0.004+/-0.000 χ^2/NDF : 4636.7/4

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 : 4636.7/4

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: 0.018+/-0.054 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

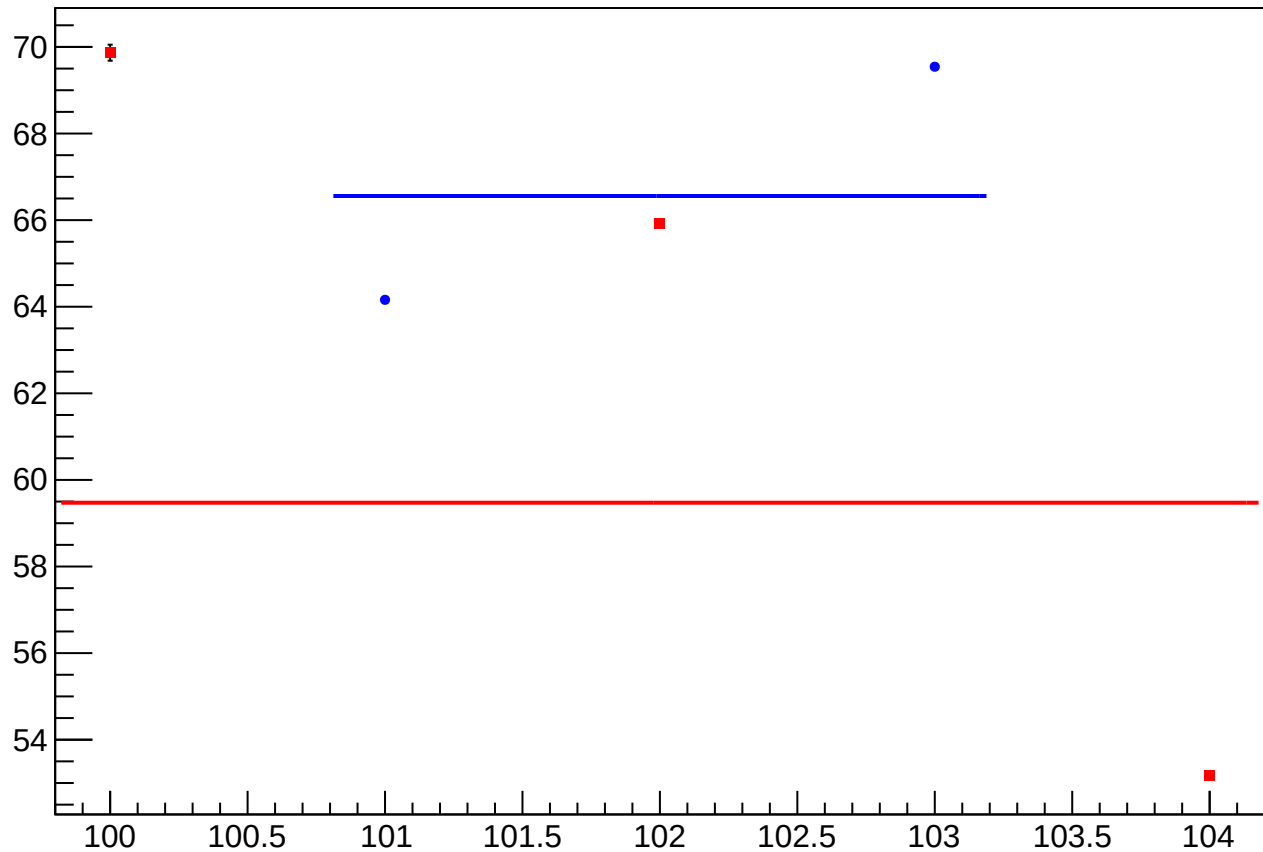
Right: 0.005+/-0.040 χ^2/NDF : 3.7/4

In: -0.010+/-0.060 χ^2/NDF :3.2/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.040 χ^2/NDF : 3.7/4

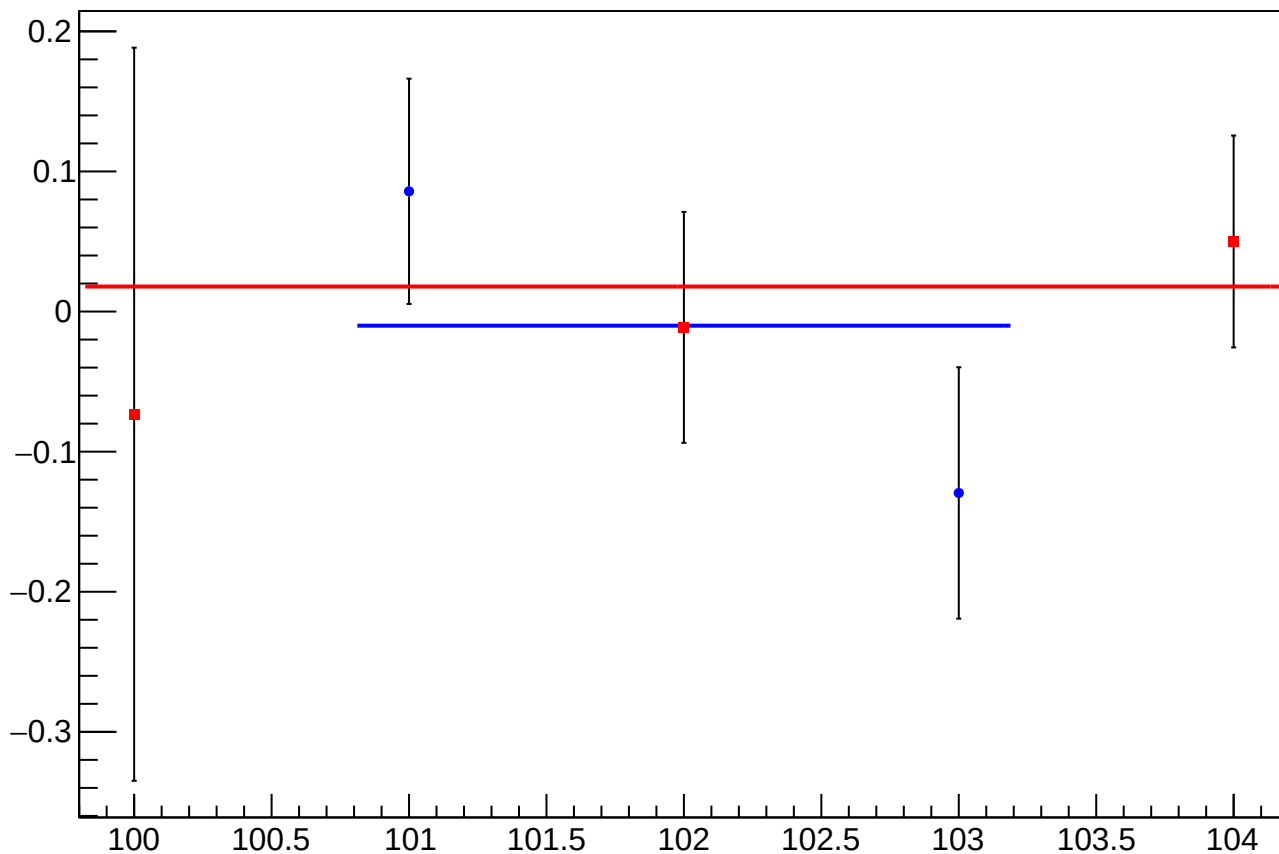
asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



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: 59.474+/-0.039 χ^2/NDF : 29285.4/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 62.683+/-0.029 χ^2/NDF : 48584.6/4
 In: 66.557+/-0.042 χ^2/NDF : 3992.7/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 62.683+/-0.029 χ^2/NDF : 48584.6/4

asym_sam_24_68_dd_eigen_dit_vs_eigen_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: 0.018+/-0.054 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

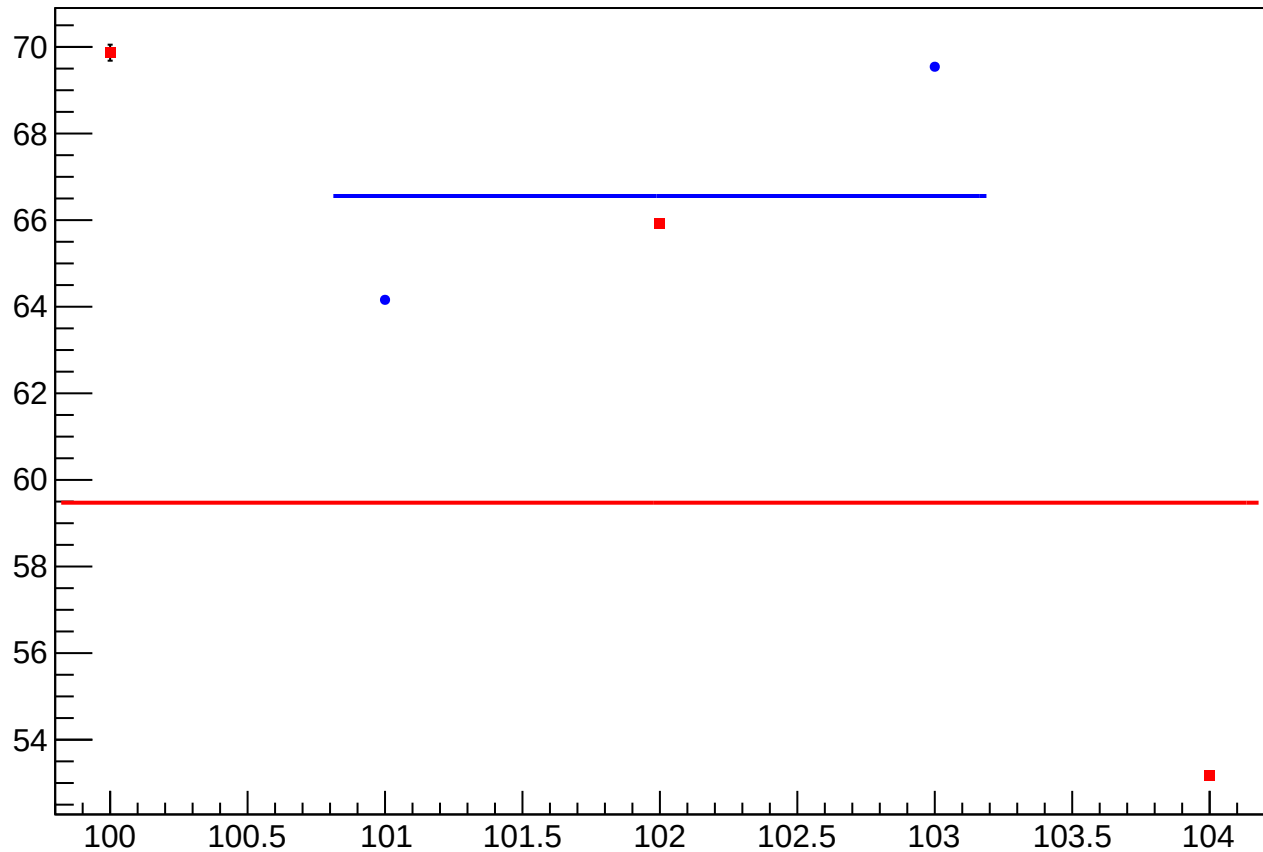
Right: 0.005+/-0.040 χ^2/NDF : 3.7/4

In: -0.010+/-0.060 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.040 χ^2/NDF : 3.7/4

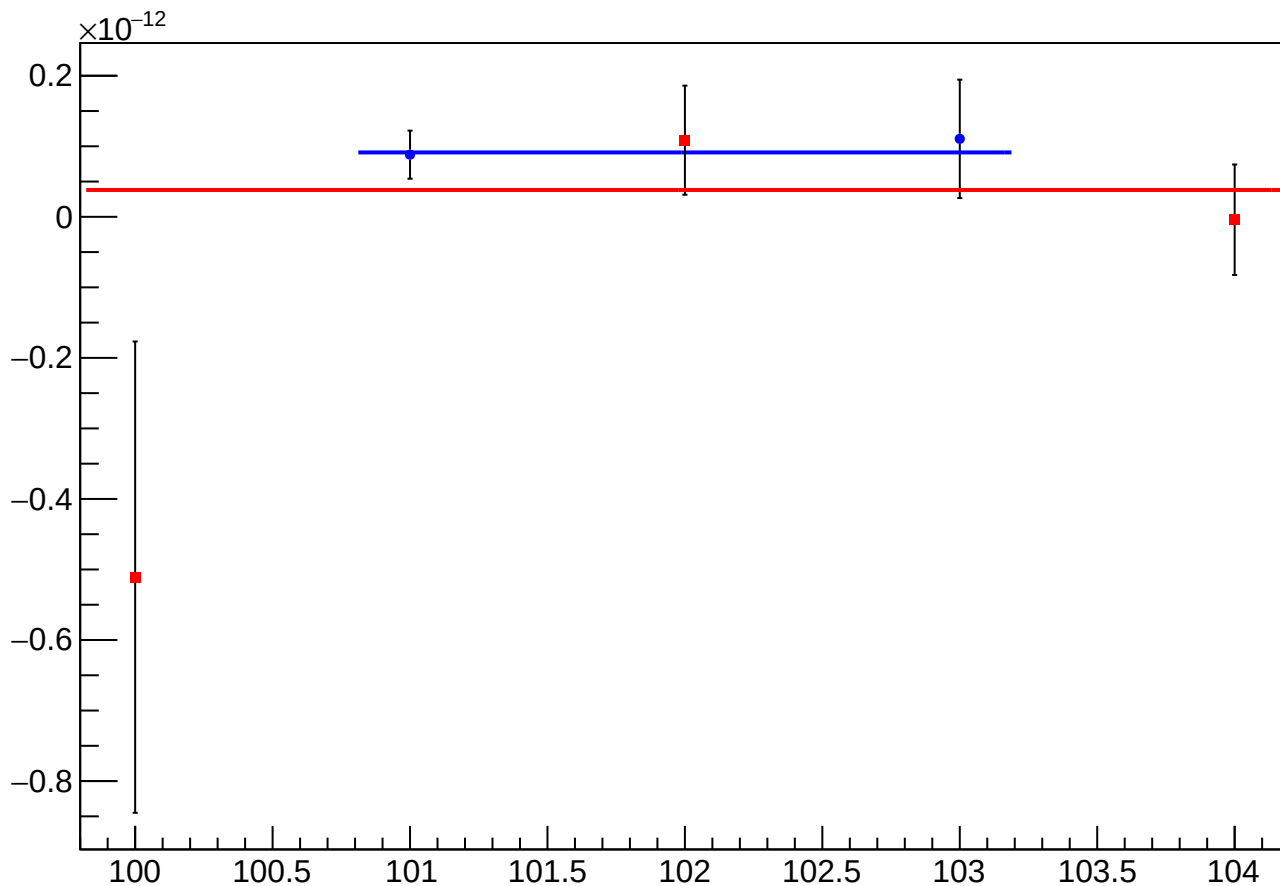
asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



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: 59.474 $\pm$ 0.039 χ^2 /NDF: 29285.4/2
 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: 62.683 $\pm$ 0.029 χ^2 /NDF: 48584.6/4
 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: 62.683 $\pm$ 0.029 χ^2 /NDF: 48584.6/4

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 : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

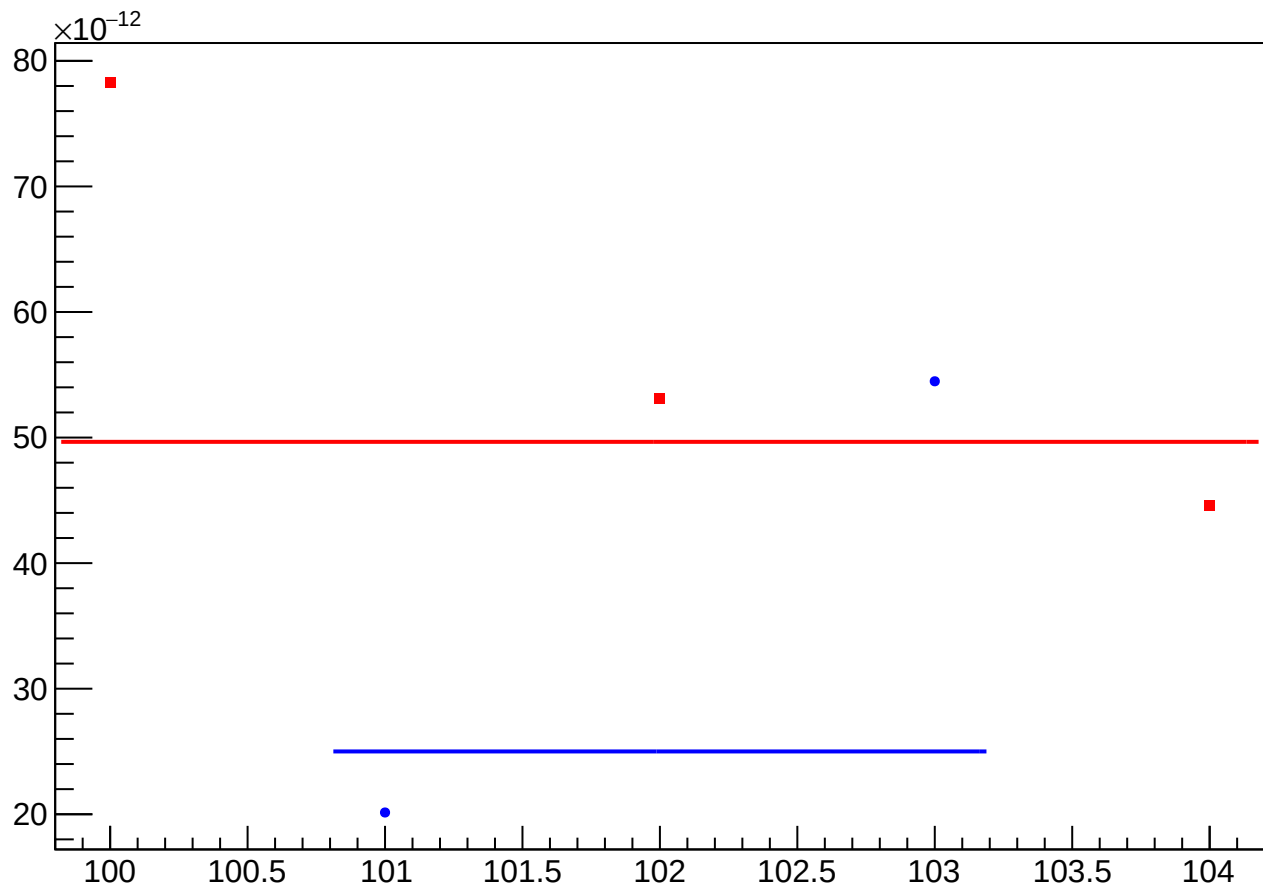
Right: 0.000+/-0.000 χ^2/NDF : 4.6/4

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 : 4.6/4

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 : 26993.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

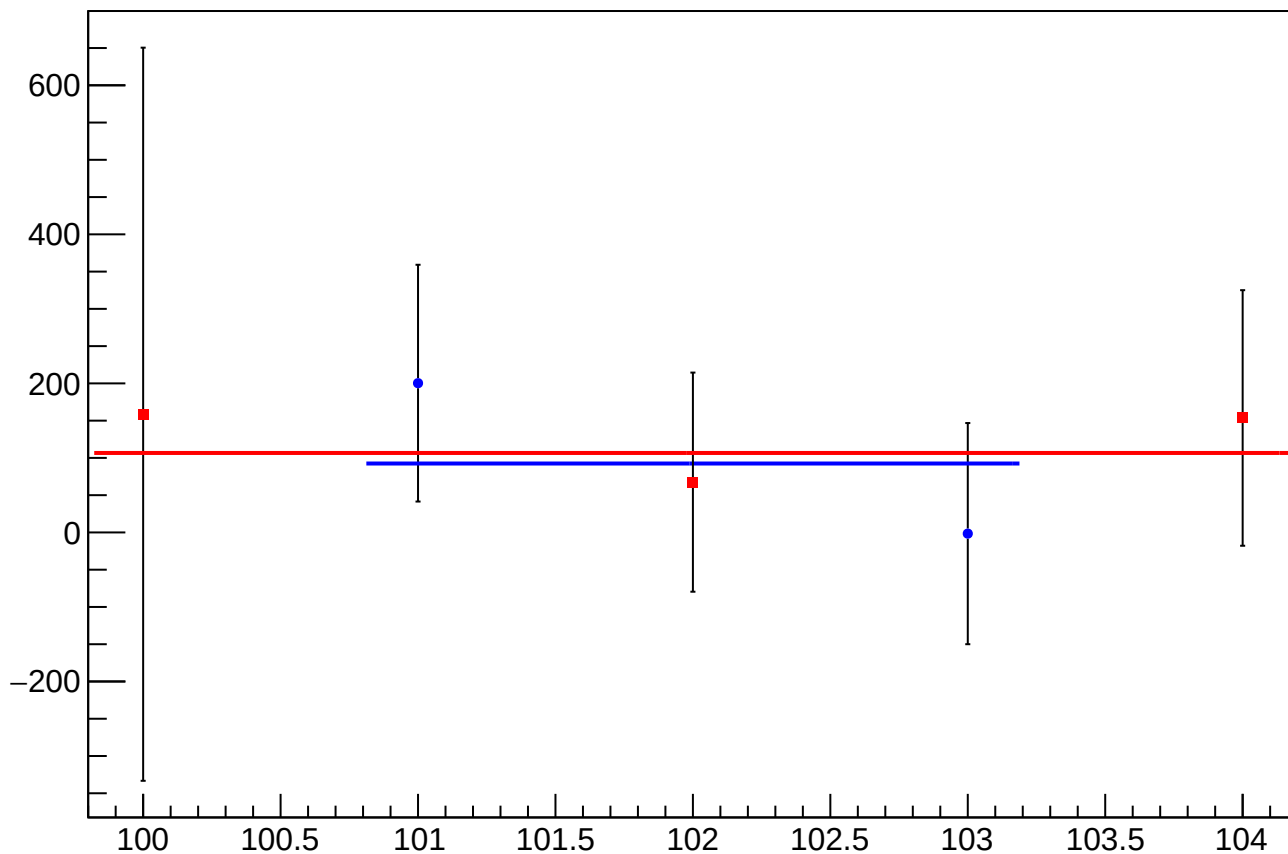
Right: 0.000+/-0.000 χ^2/NDF : 622839.6/4

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 : 622839.6/4

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.482 $\pm$ 108.439 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.639 $\pm$ 108.846 χ^2 /NDF: 0.2/2

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

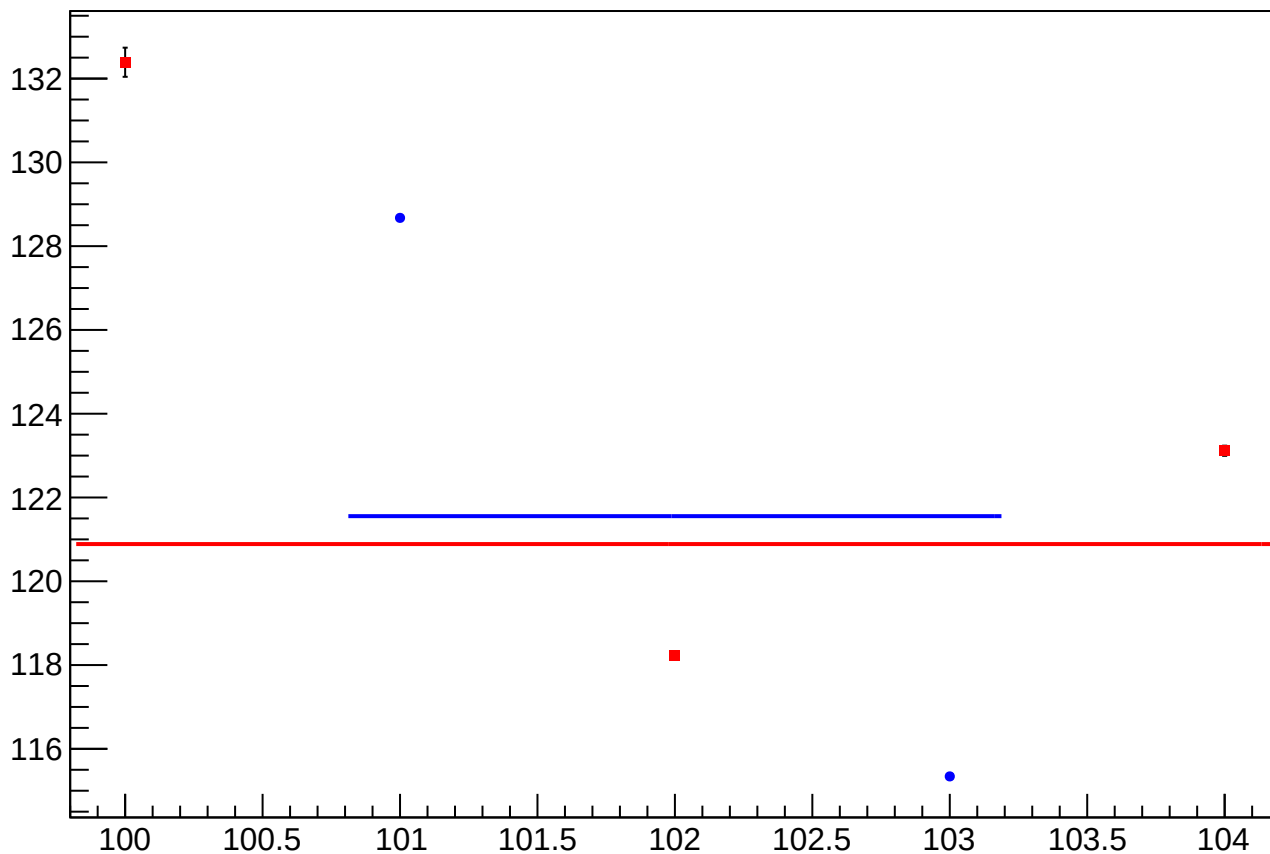
Right: 99.534 $\pm$ 76.822 χ^2 /NDF: 1.0/4

In: 92.482 $\pm$ 108.439 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.534 $\pm$ 76.822 χ^2 /NDF: 1.0/4

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555+/-0.077 χ^2/NDF : 7523.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.888+/-0.077 χ^2/NDF : 2088.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

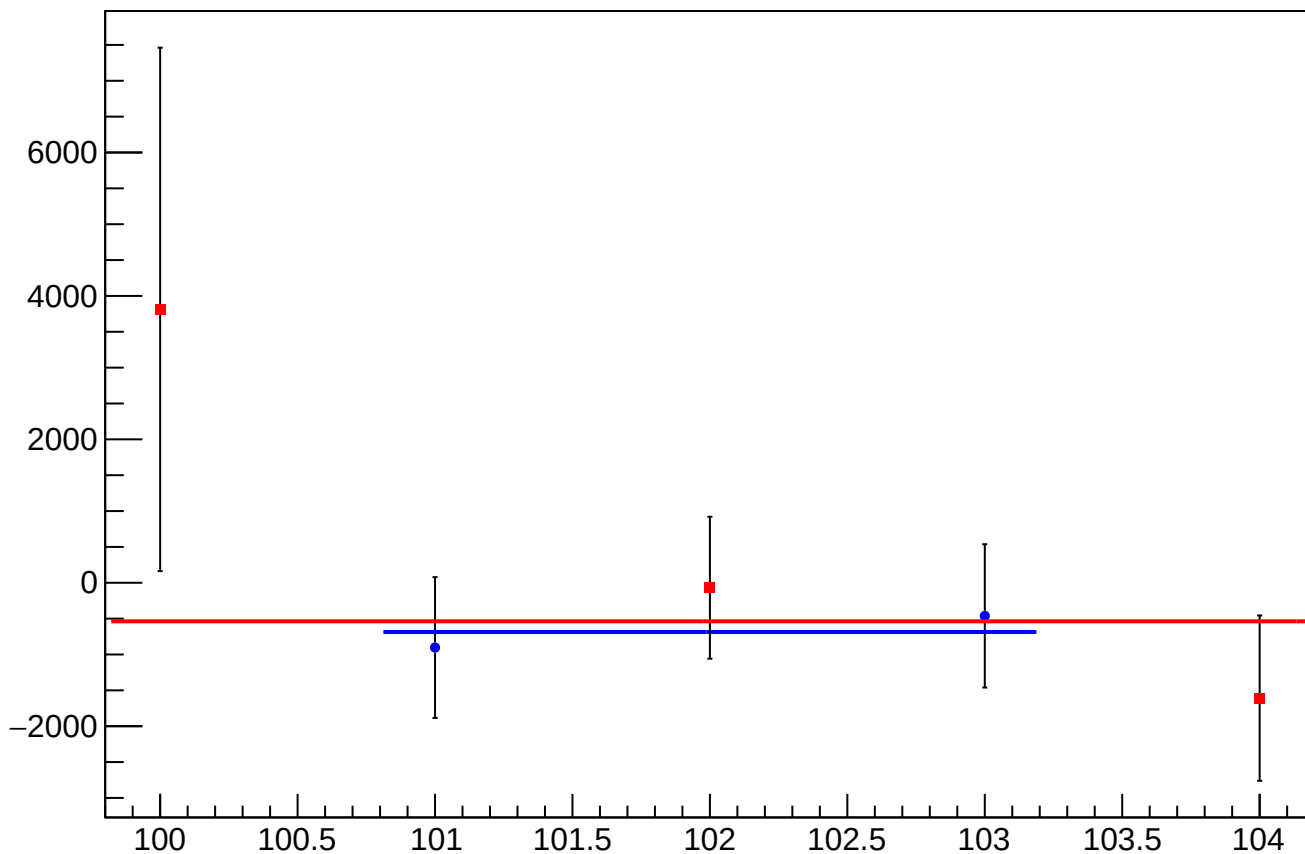
Right: 121.223+/-0.054 χ^2/NDF : 9649.9/4

In: 121.555+/-0.077 χ^2/NDF : 7523.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.223+/-0.054 χ^2/NDF : 9649.9/4

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: -537.650+/-735.439 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

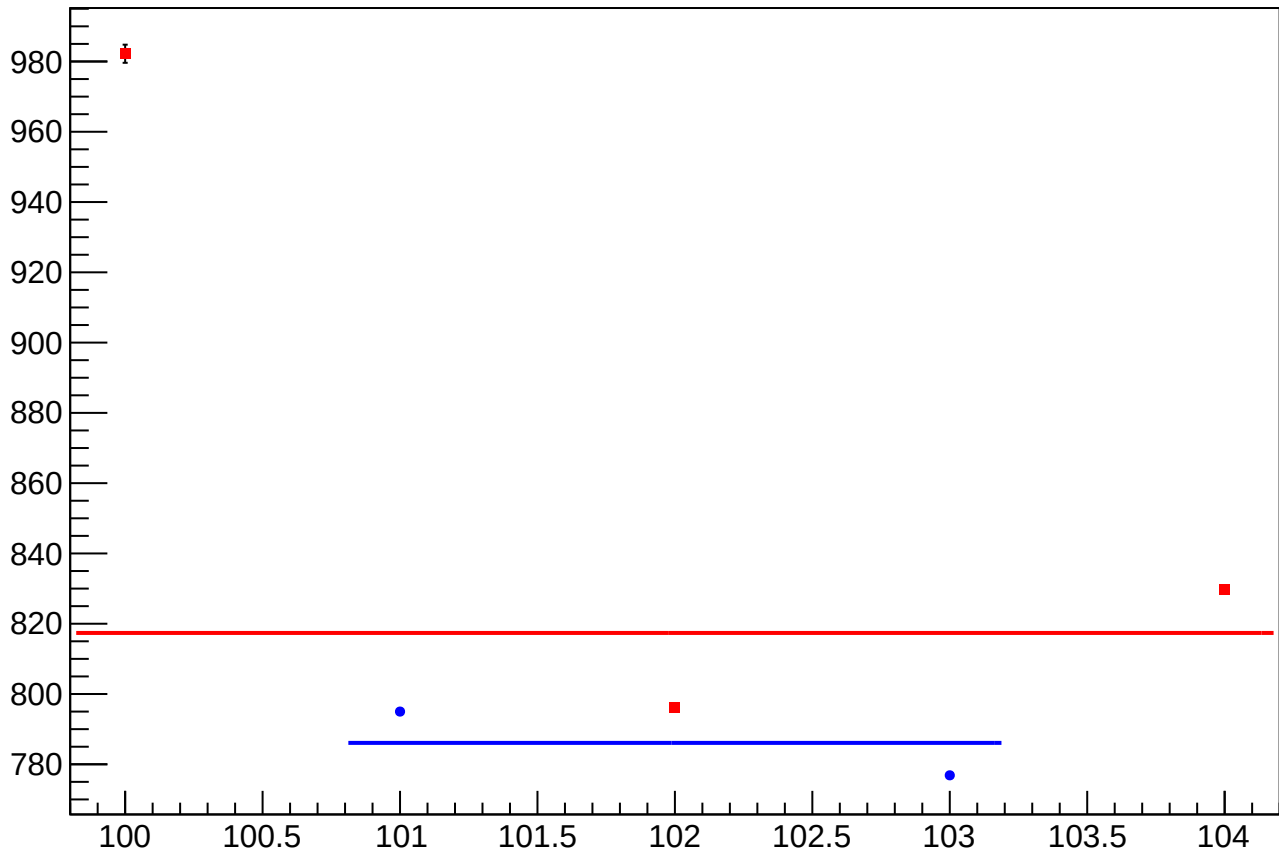
Right: -615.575+/-507.116 χ^2/NDF : 2.6/4

In: -686.212+/-700.199 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.575+/-507.116 χ^2/NDF : 2.6/4

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: 817.378+/-0.520 χ^2/NDF : 5219.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

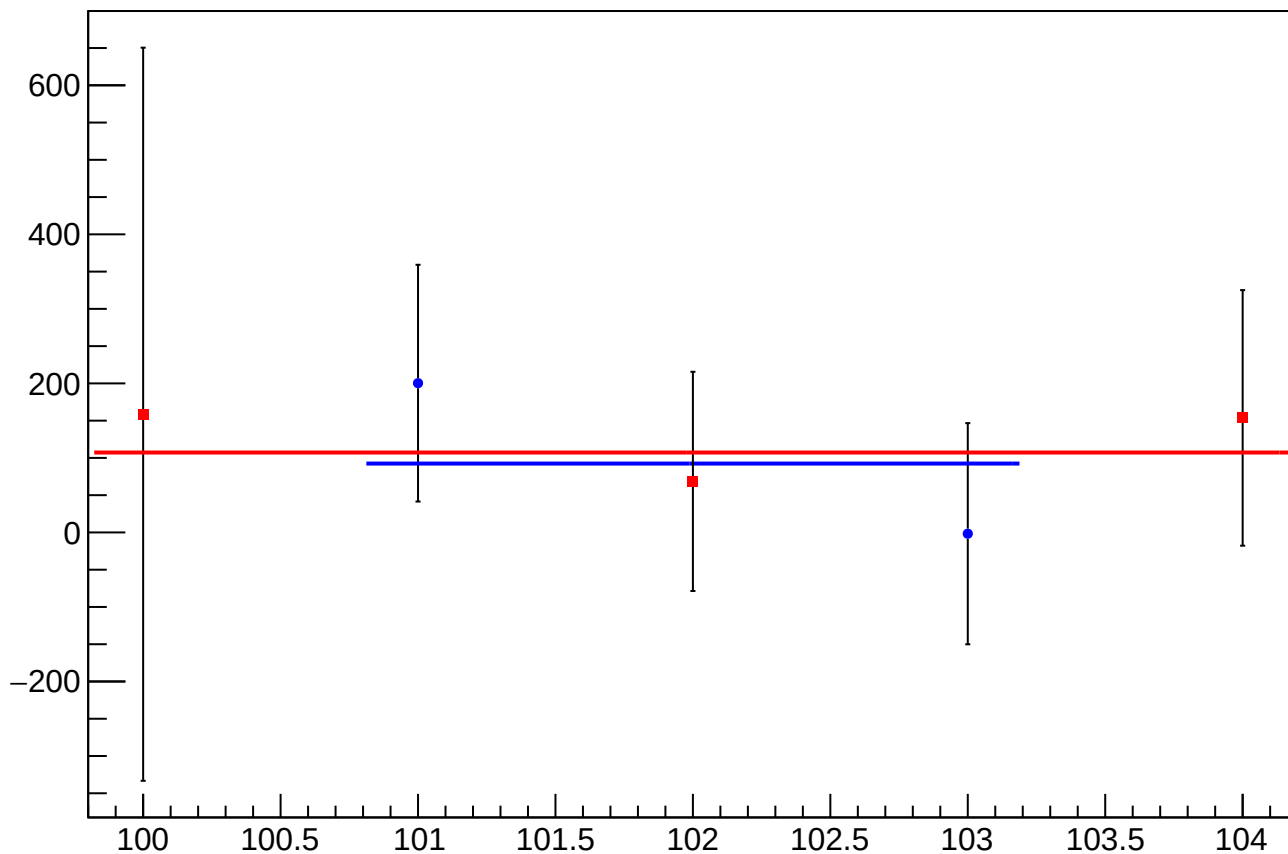
Right: 800.967+/-0.359 χ^2/NDF : 7453.0/4

In: 786.091+/-0.495 χ^2/NDF : 335.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 800.967+/-0.359 χ^2/NDF : 7453.0/4

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 92.418 $\pm$ 108.439 χ^2 /NDF: 0.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.256 $\pm$ 108.866 χ^2 /NDF: 0.2/2

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

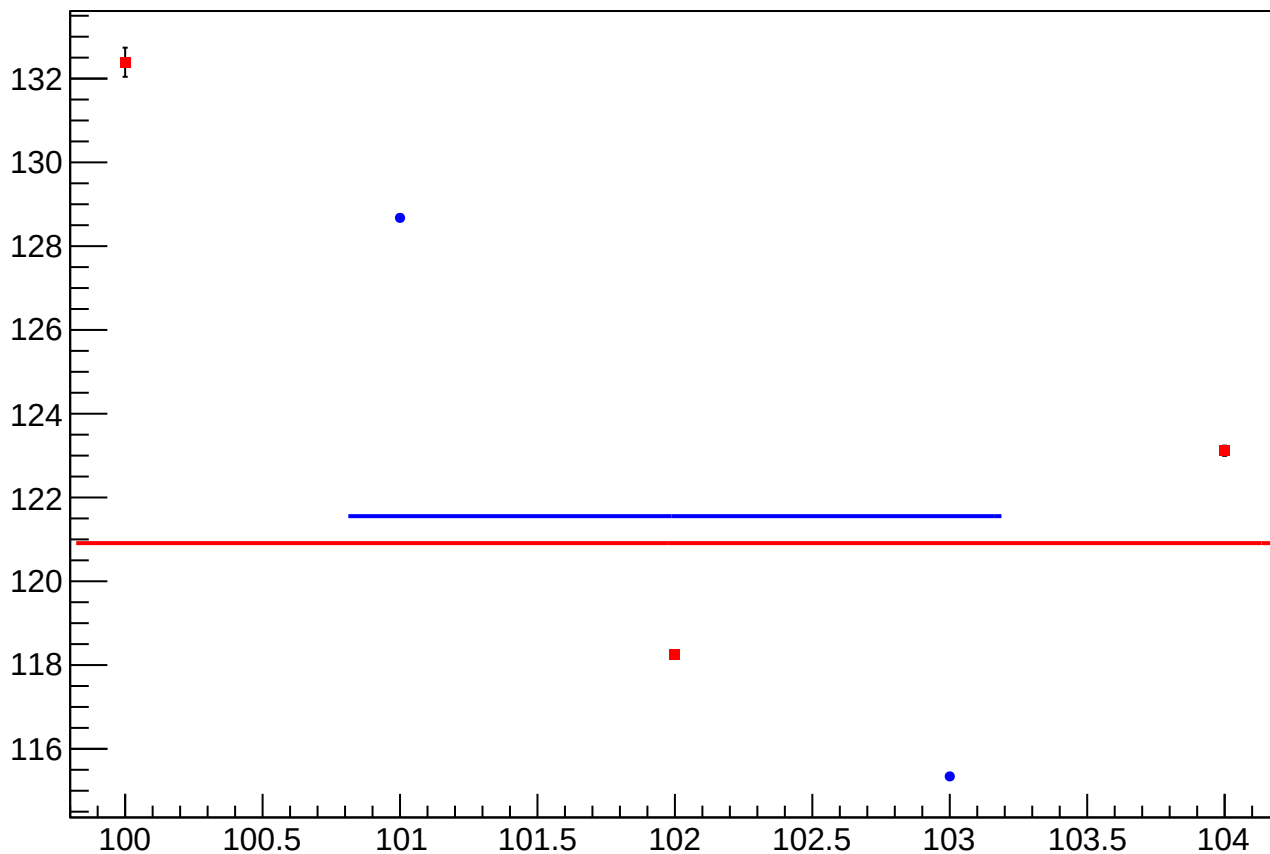
Right: 99.808 $\pm$ 76.828 χ^2 /NDF: 1.0/4

In: 92.418 $\pm$ 108.439 χ^2 /NDF: 0.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.808 $\pm$ 76.828 χ^2 /NDF: 1.0/4

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.911+/-0.077 χ^2/NDF : 2068.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

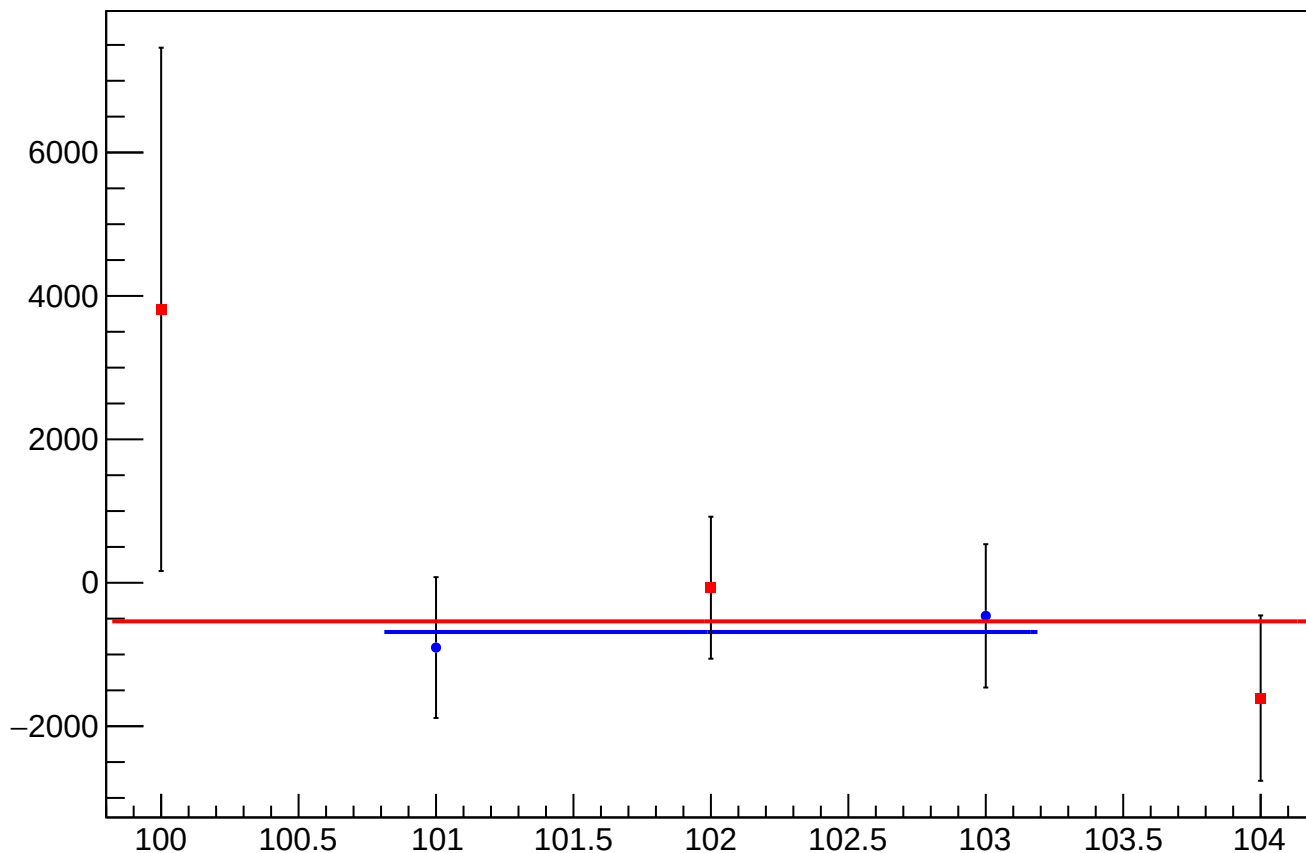
Right: 121.234+/-0.054 χ^2/NDF : 9627.7/4

In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.234+/-0.054 χ^2/NDF : 9627.7/4

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: -537.796+/-735.697 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

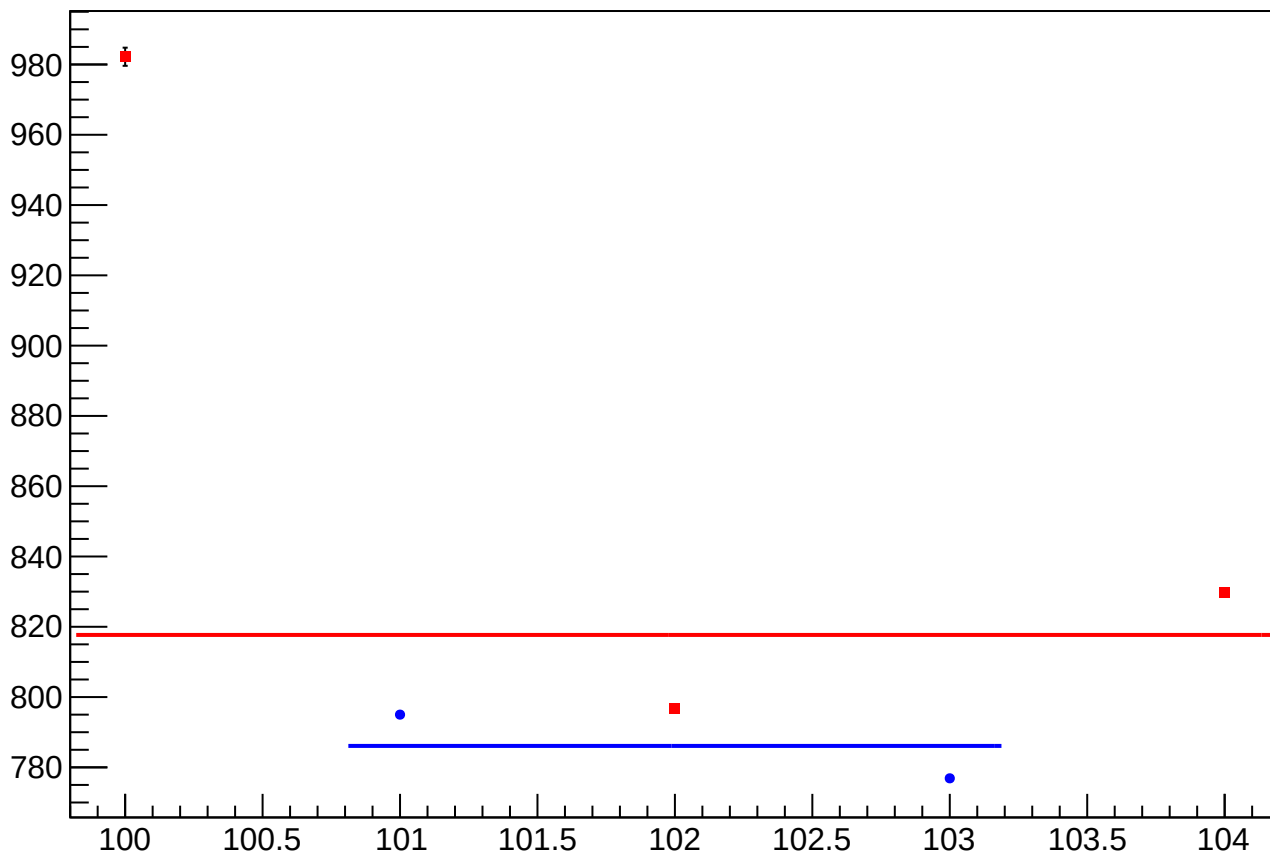
Right: -615.626+/-507.205 χ^2/NDF : 2.6/4

In: -686.128+/-700.209 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.626+/-507.205 χ^2/NDF : 2.6/4

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102 $\pm$ 0.495 χ^2 /NDF: 334.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 817.681 $\pm$ 0.520 χ^2 /NDF: 5175.2/2

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

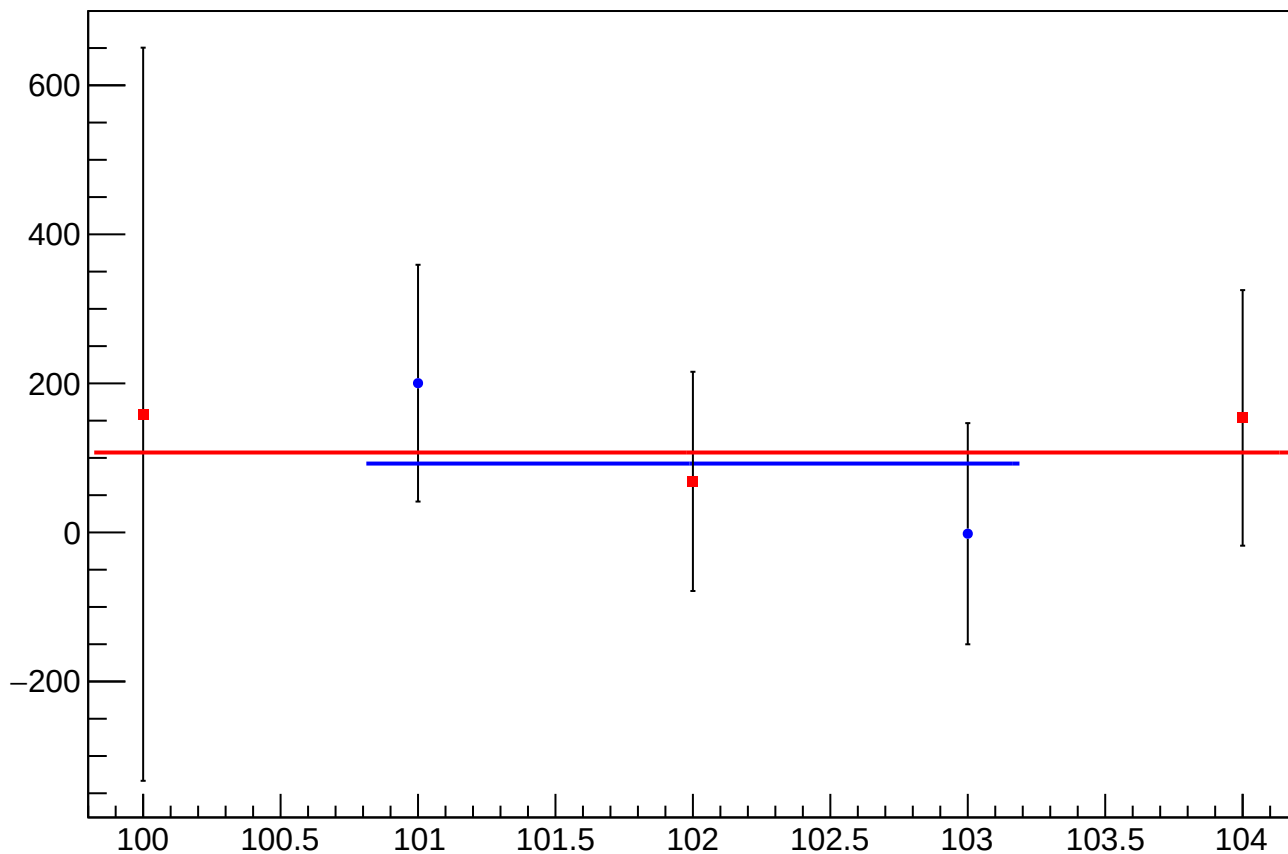
Right: 801.111 $\pm$ 0.359 χ^2 /NDF: 7443.5/4

In: 786.102 $\pm$ 0.495 χ^2 /NDF: 334.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 801.111 $\pm$ 0.359 χ^2 /NDF: 7443.5/4

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: 107.256+/-108.866 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

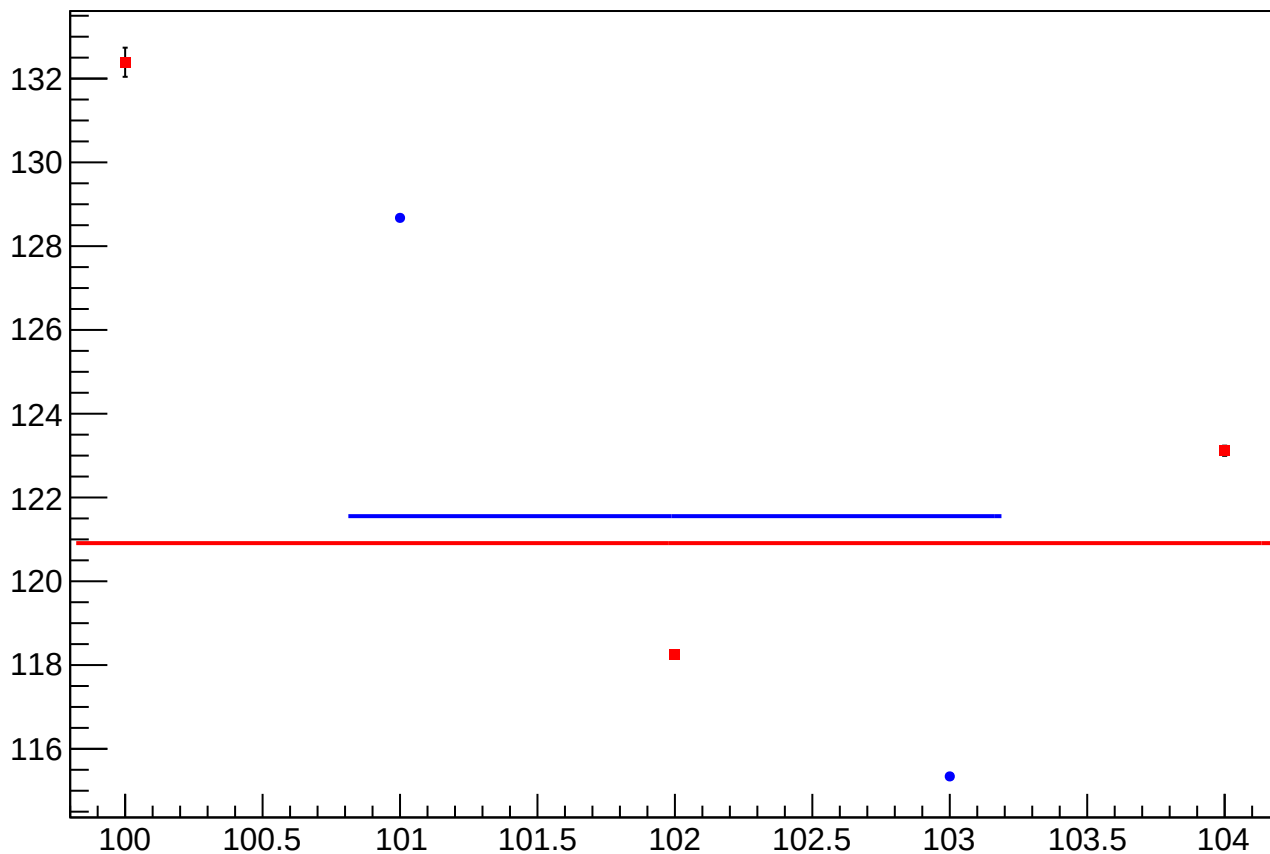
Right: 99.808+/-76.828 χ^2/NDF : 1.0/4

In: 92.418+/-108.439 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.808+/-76.828 χ^2/NDF : 1.0/4

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.911+/-0.077 χ^2/NDF : 2068.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

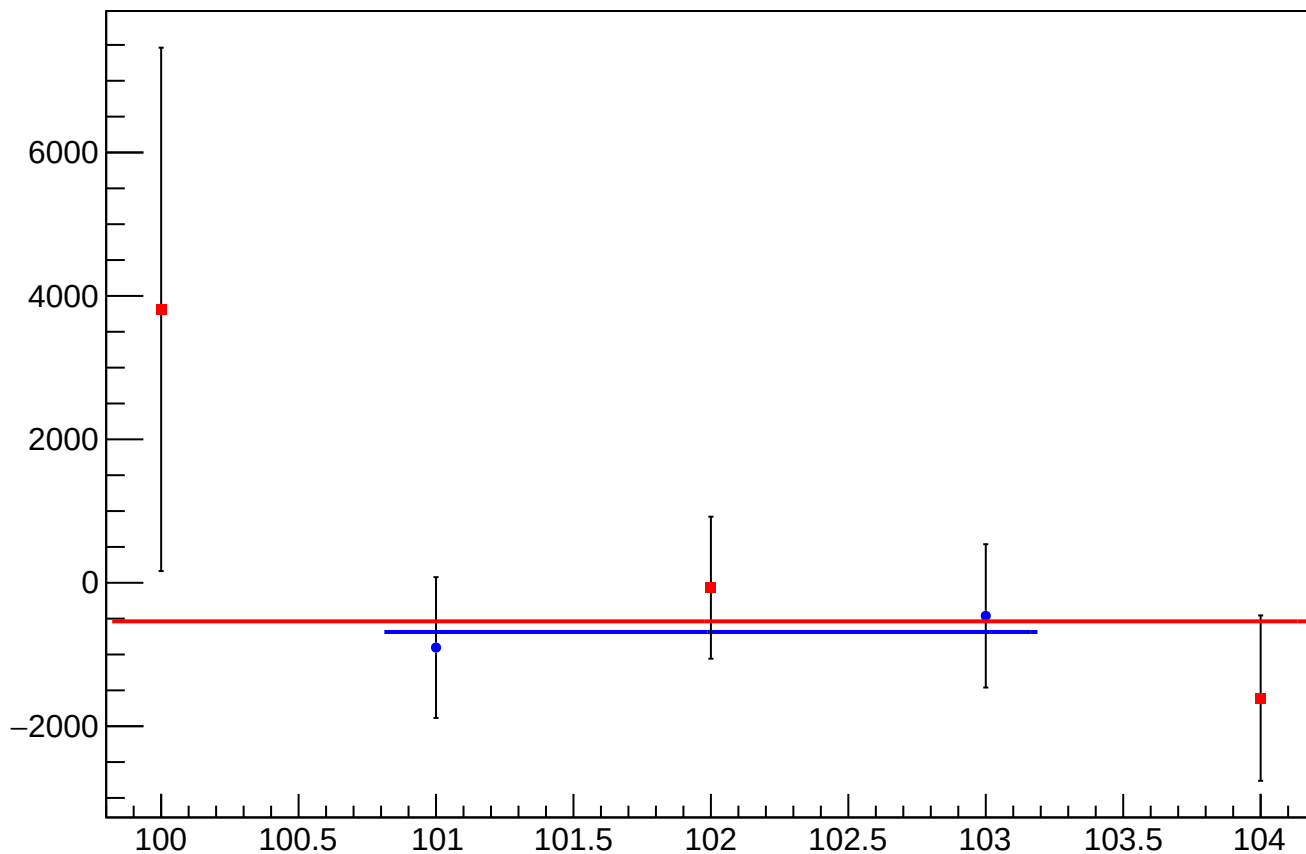
Right: 121.234+/-0.054 χ^2/NDF : 9627.7/4

In: 121.555+/-0.077 χ^2/NDF : 7523.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.234+/-0.054 χ^2/NDF : 9627.7/4

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: -537.796+/-735.697 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

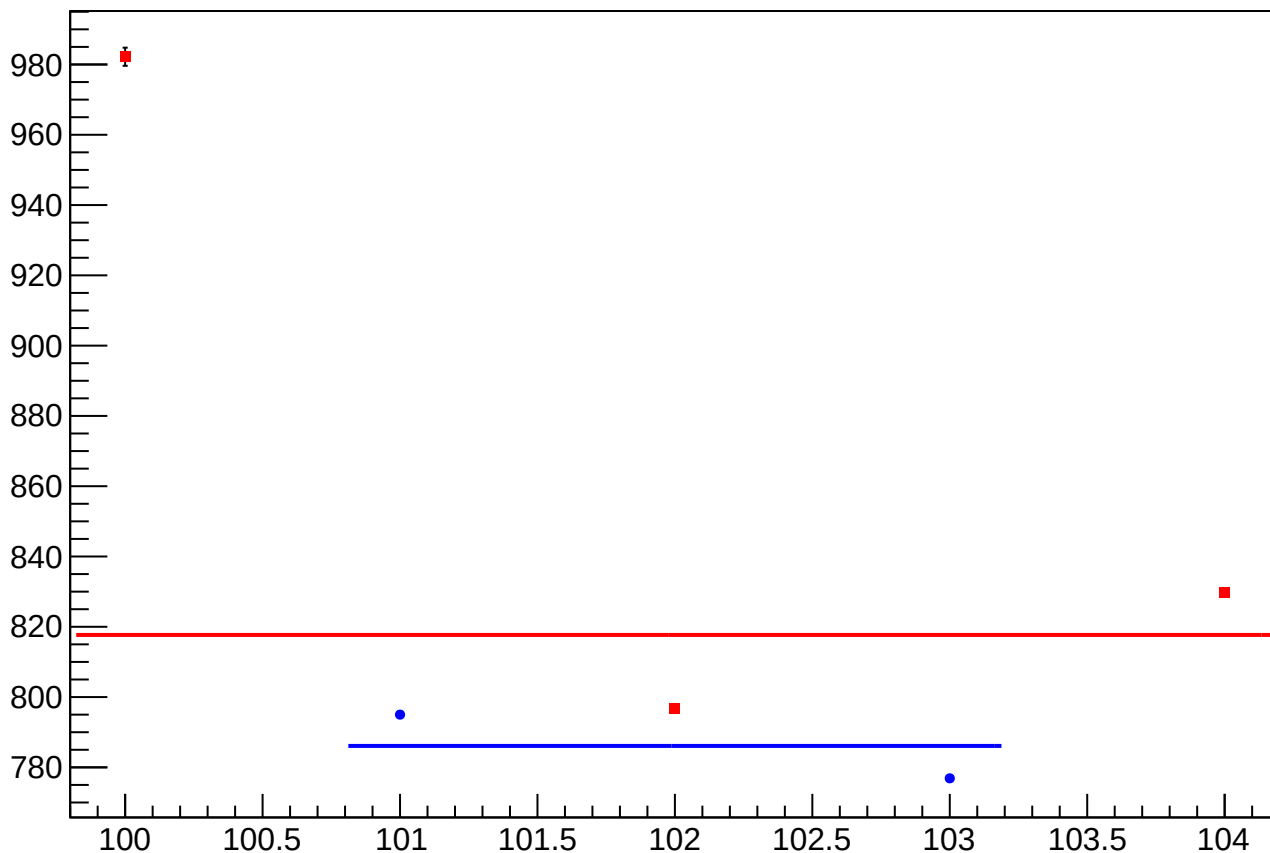
Right: -615.626+/-507.205 χ^2/NDF : 2.6/4

In: -686.128+/-700.209 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.626+/-507.205 χ^2/NDF : 2.6/4

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 786.102 ± 0.495 $\chi^2/\text{NDF}: 334.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 817.681 ± 0.520 $\chi^2/\text{NDF}: 5175.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

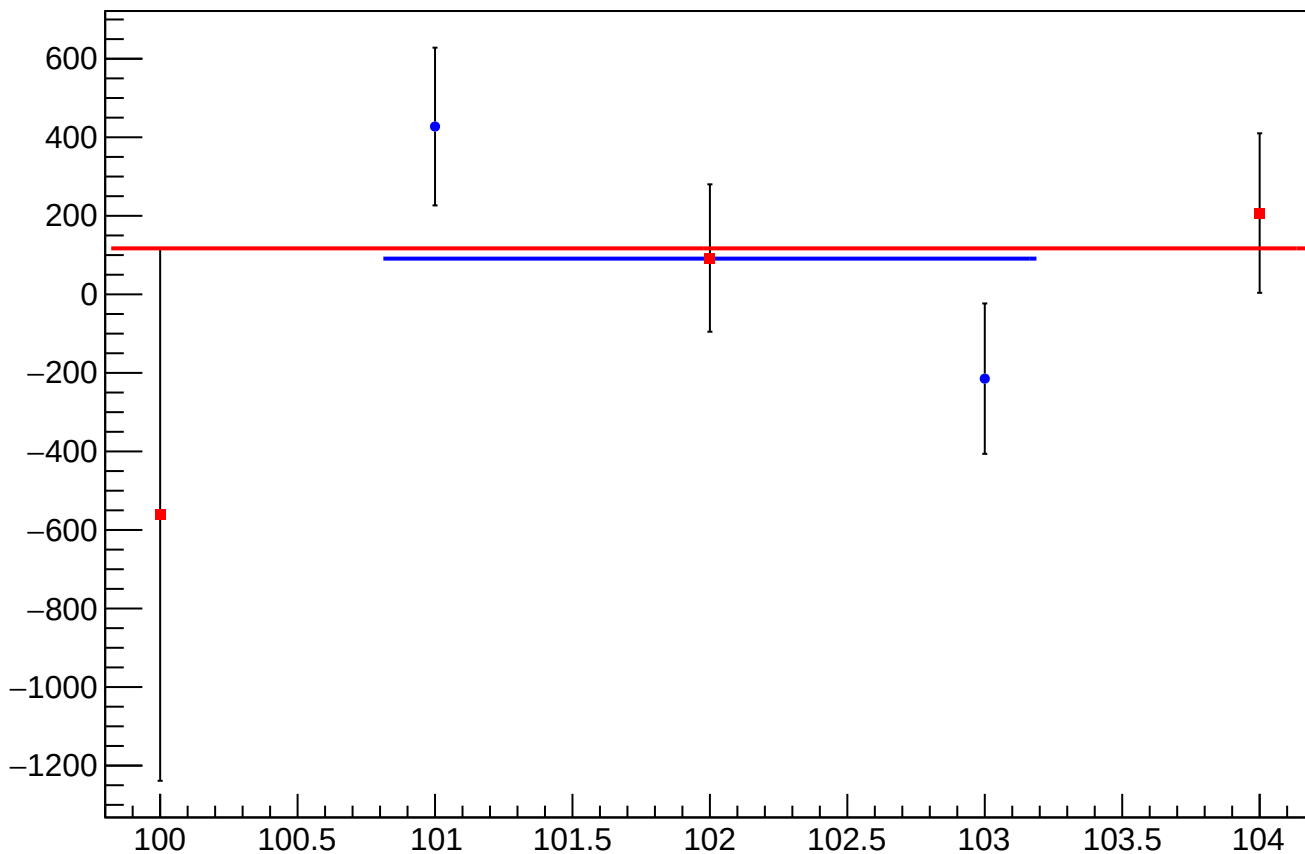
Right: 801.111 ± 0.359 $\chi^2/\text{NDF}: 7443.5/4$

In: 786.102 ± 0.495 $\chi^2/\text{NDF}: 334.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 801.111 ± 0.359 $\chi^2/\text{NDF}: 7443.5/4$

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: 117.140 $\pm$ 135.081 χ^2 /NDF: 1.2/2

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

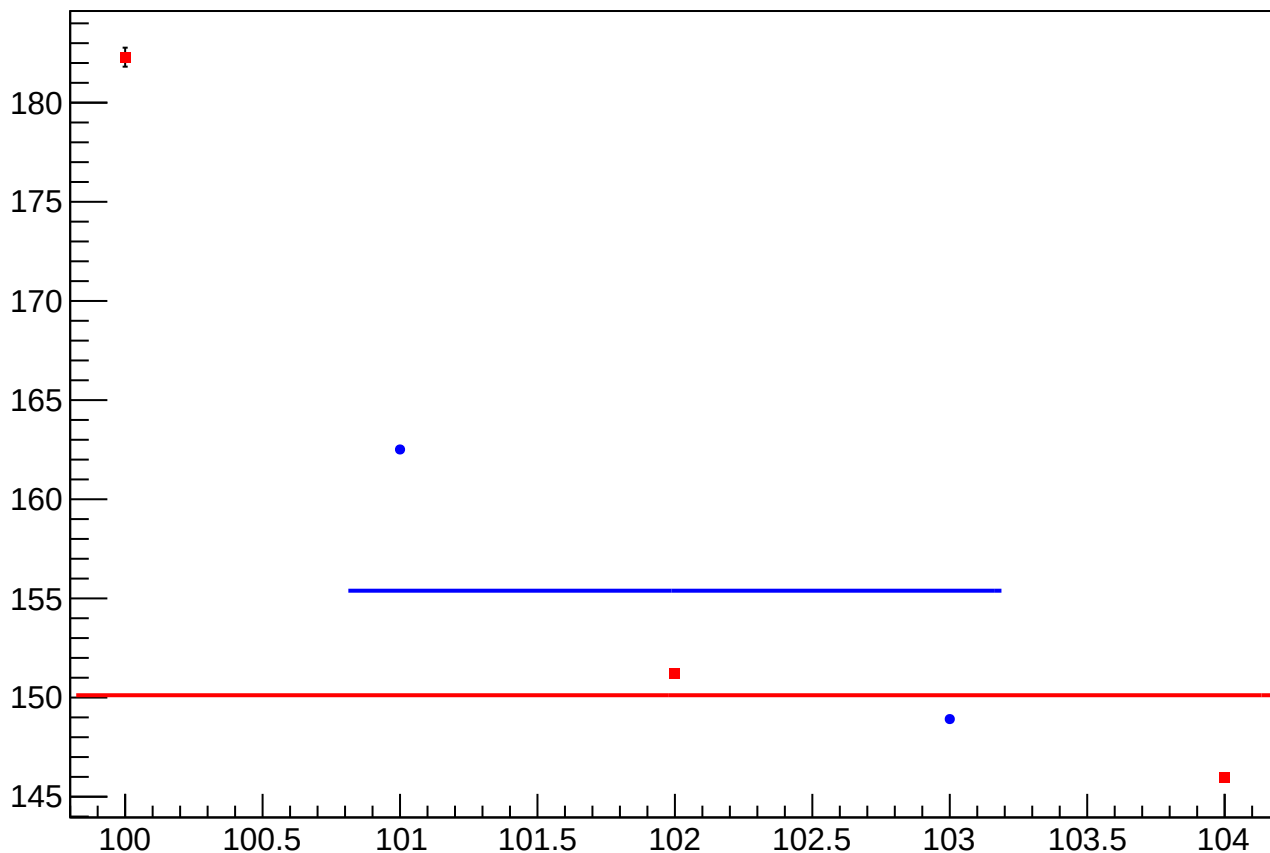
Right: 104.422 $\pm$ 96.730 χ^2 /NDF: 6.6/4

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: 104.422 $\pm$ 96.730 χ^2 /NDF: 6.6/4

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: 150.117+/-0.096 χ^2/NDF : 5424.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

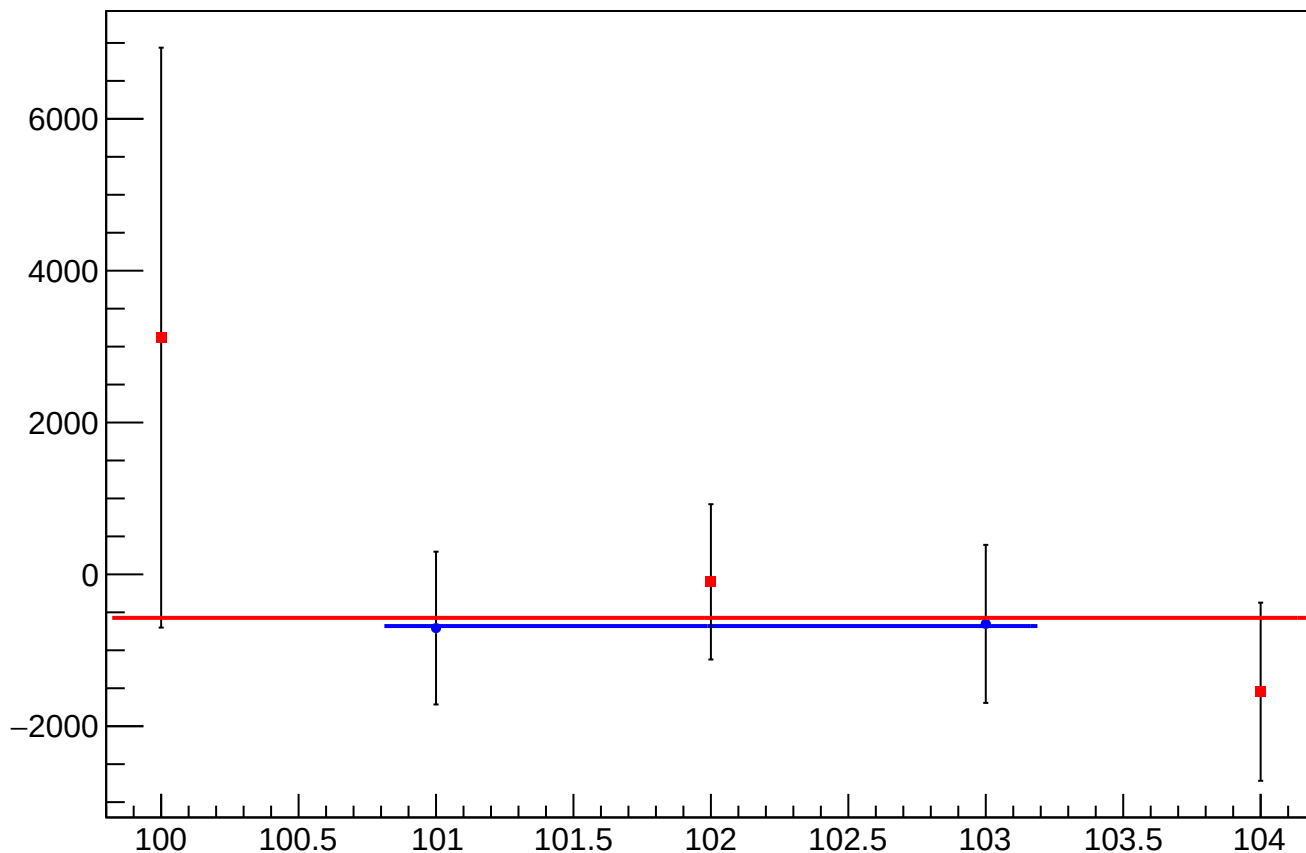
Right: 152.686+/-0.068 χ^2/NDF : 11709.5/4

In: 155.389+/-0.098 χ^2/NDF : 4801.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.686+/-0.068 χ^2/NDF : 11709.5/4

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: -572.891+/-755.708 χ^2/NDF : 1.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

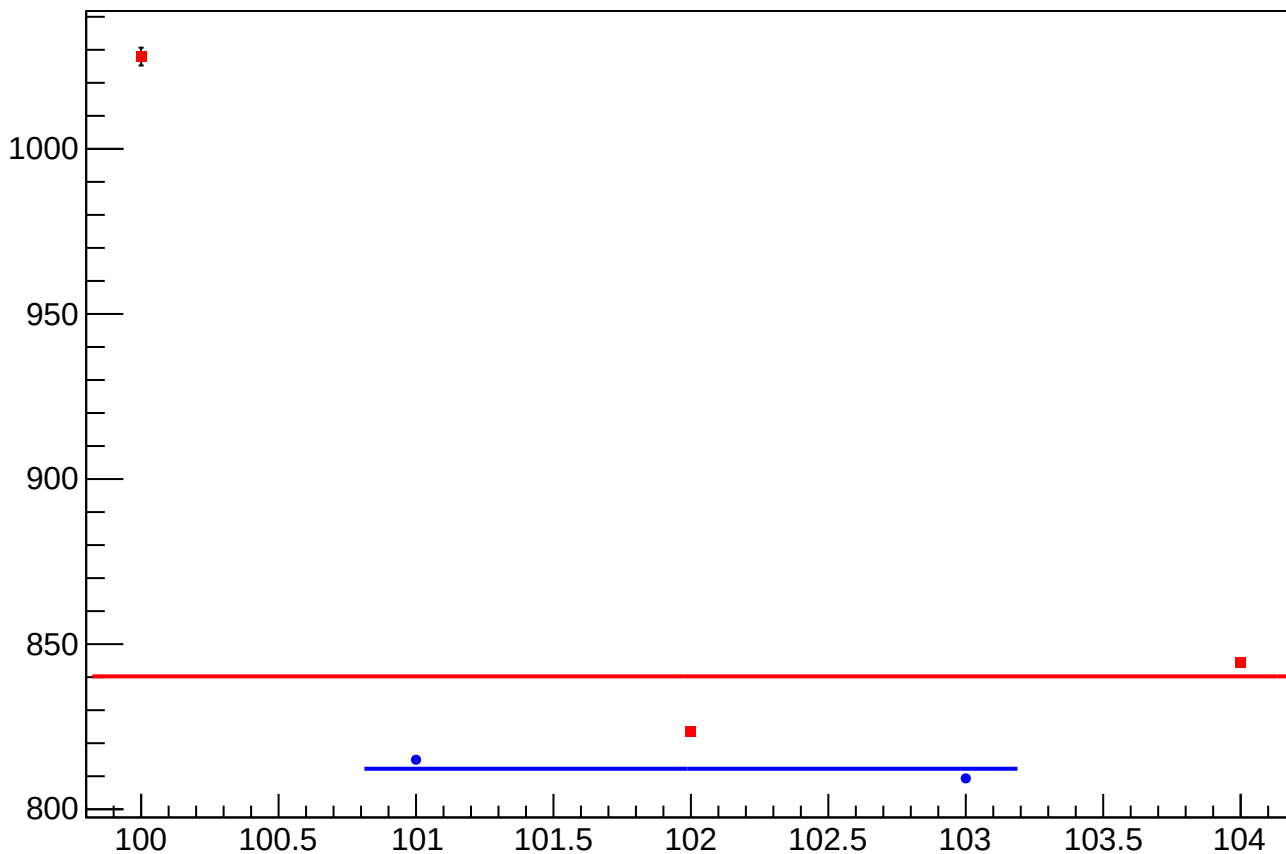
Right: -629.187+/-522.563 χ^2/NDF : 1.8/4

In: -680.769+/-723.382 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.187+/-522.563 χ^2/NDF : 1.8/4

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: 840.241+/-0.534 χ^2/NDF : 5392.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

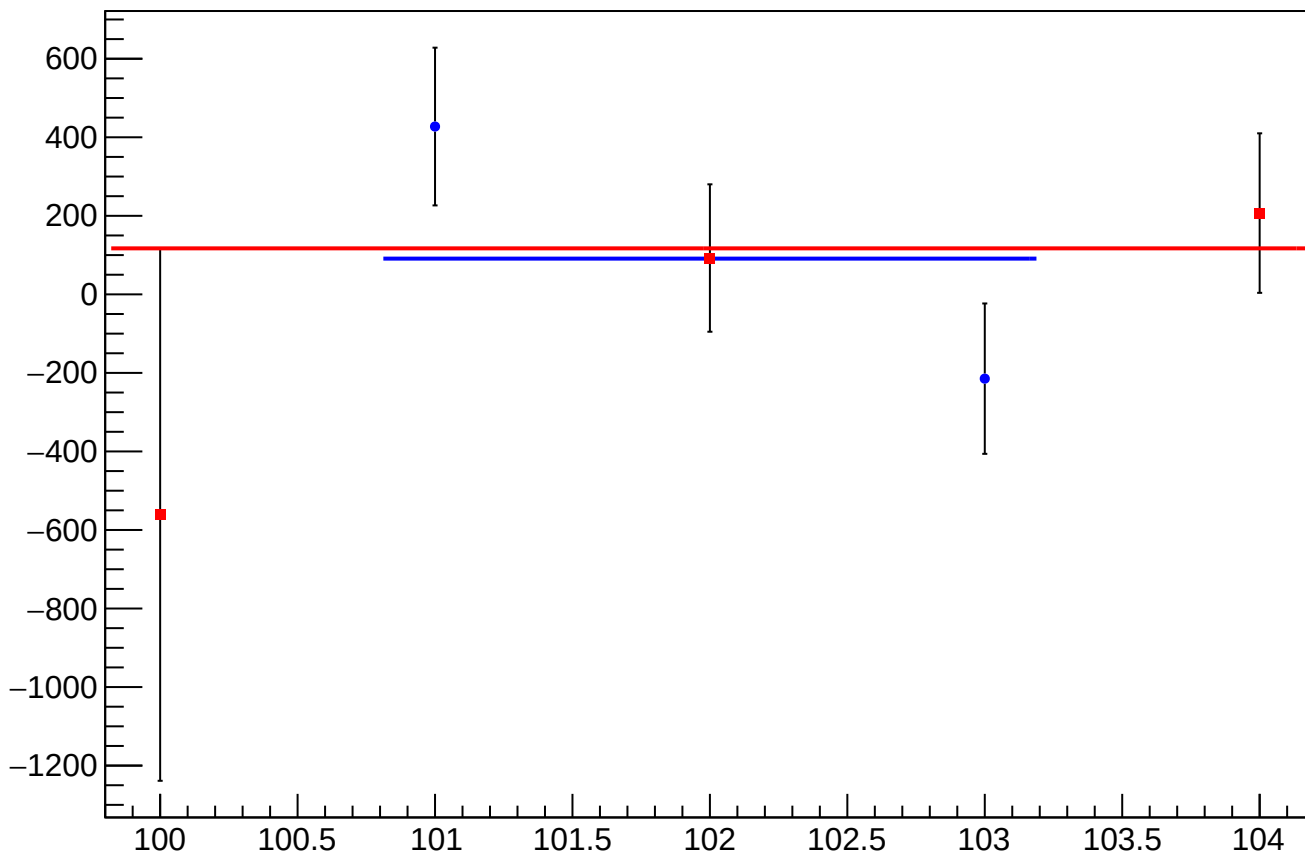
Right: 825.641+/-0.370 χ^2/NDF : 6852.7/4

In: 812.265+/-0.512 χ^2/NDF : 30.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.641+/-0.370 χ^2/NDF : 6852.7/4

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 91.032 $\pm$ 138.580 χ^2 /NDF: 5.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.143 $\pm$ 135.081 χ^2 /NDF: 1.2/2

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

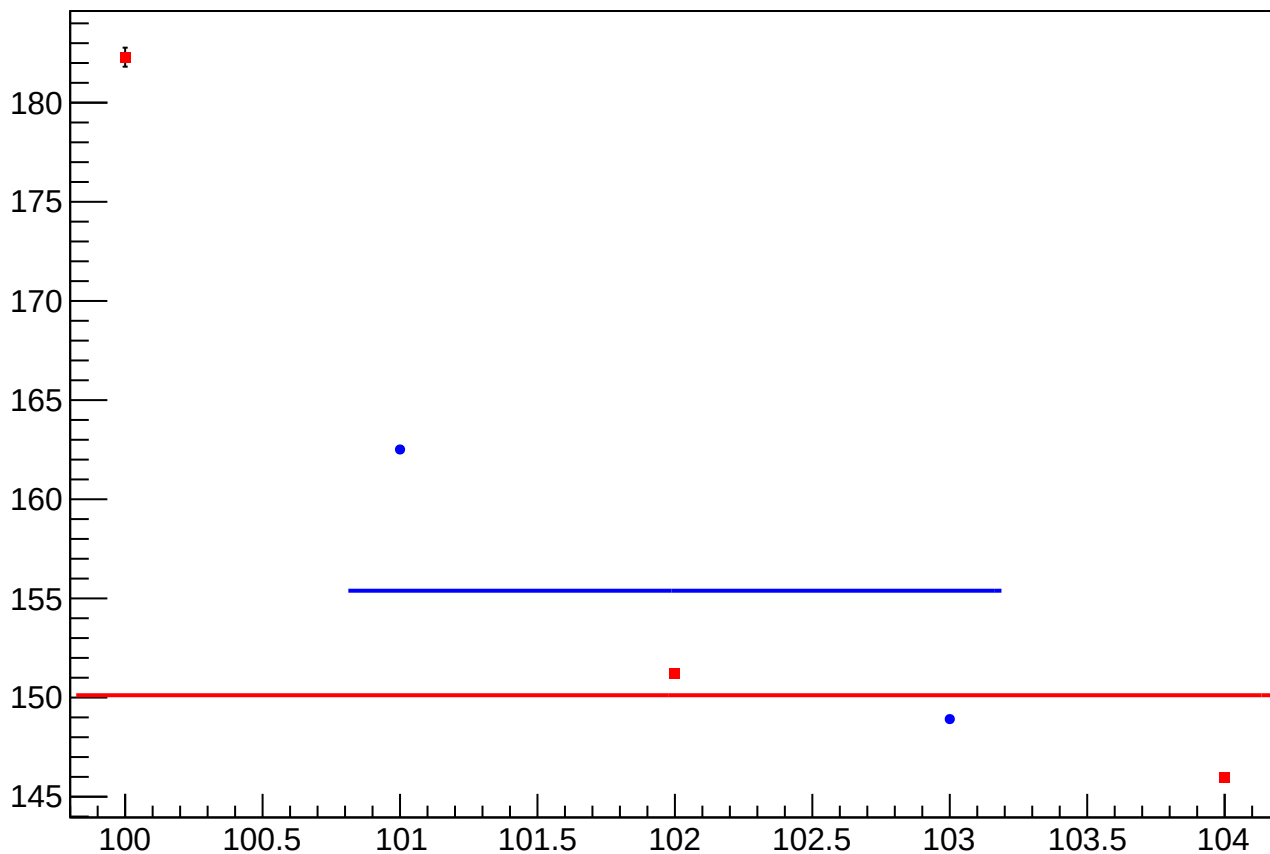
Right: 104.421 $\pm$ 96.730 χ^2 /NDF: 6.6/4

In: 91.032 $\pm$ 138.580 χ^2 /NDF: 5.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.421 $\pm$ 96.730 χ^2 /NDF: 6.6/4

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: 150.117+/-0.096 χ^2/NDF : 5424.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

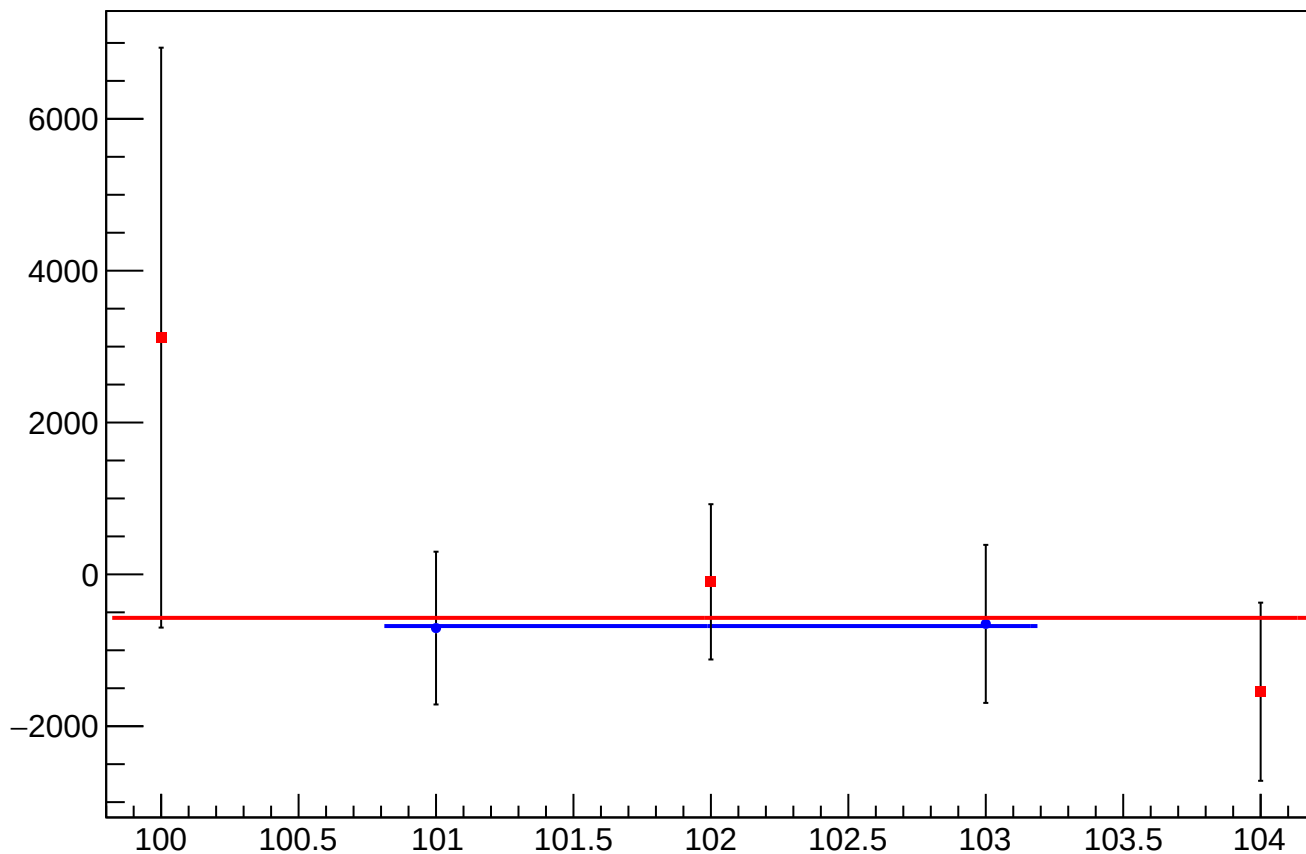
Right: 152.685+/-0.068 χ^2/NDF : 11709.8/4

In: 155.388+/-0.098 χ^2/NDF : 4801.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.685+/-0.068 χ^2/NDF : 11709.8/4

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -680.774+/-723.381 χ^2 /NDF: 0.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -572.890+/-755.705 χ^2 /NDF: 1.8/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

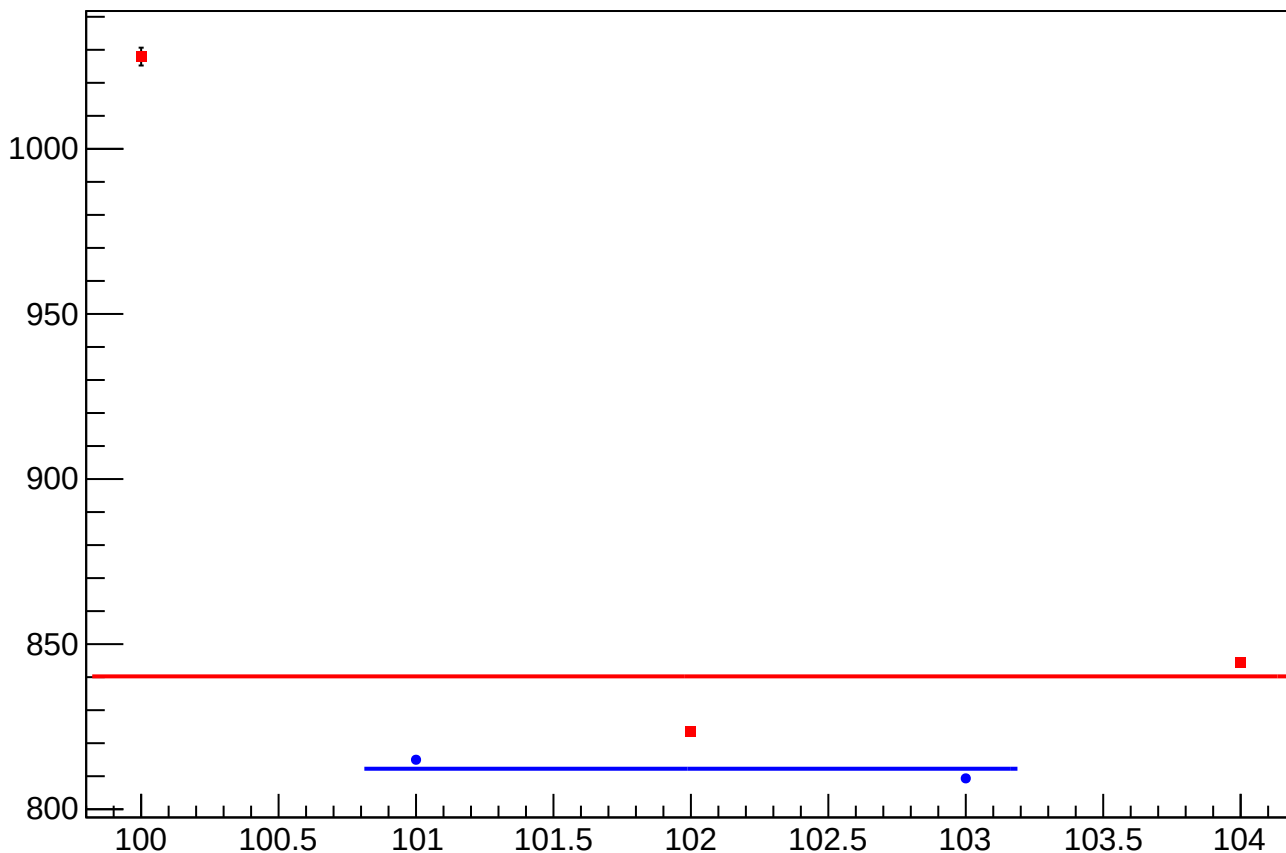
Right: -629.188+/-522.561 χ^2 /NDF: 1.8/4

In: -680.774+/-723.381 χ^2 /NDF:0.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -629.188+/-522.561 χ^2 /NDF: 1.8/4

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 812.263+/-0.512 χ^2/NDF : 30.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.237+/-0.534 χ^2/NDF : 5392.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

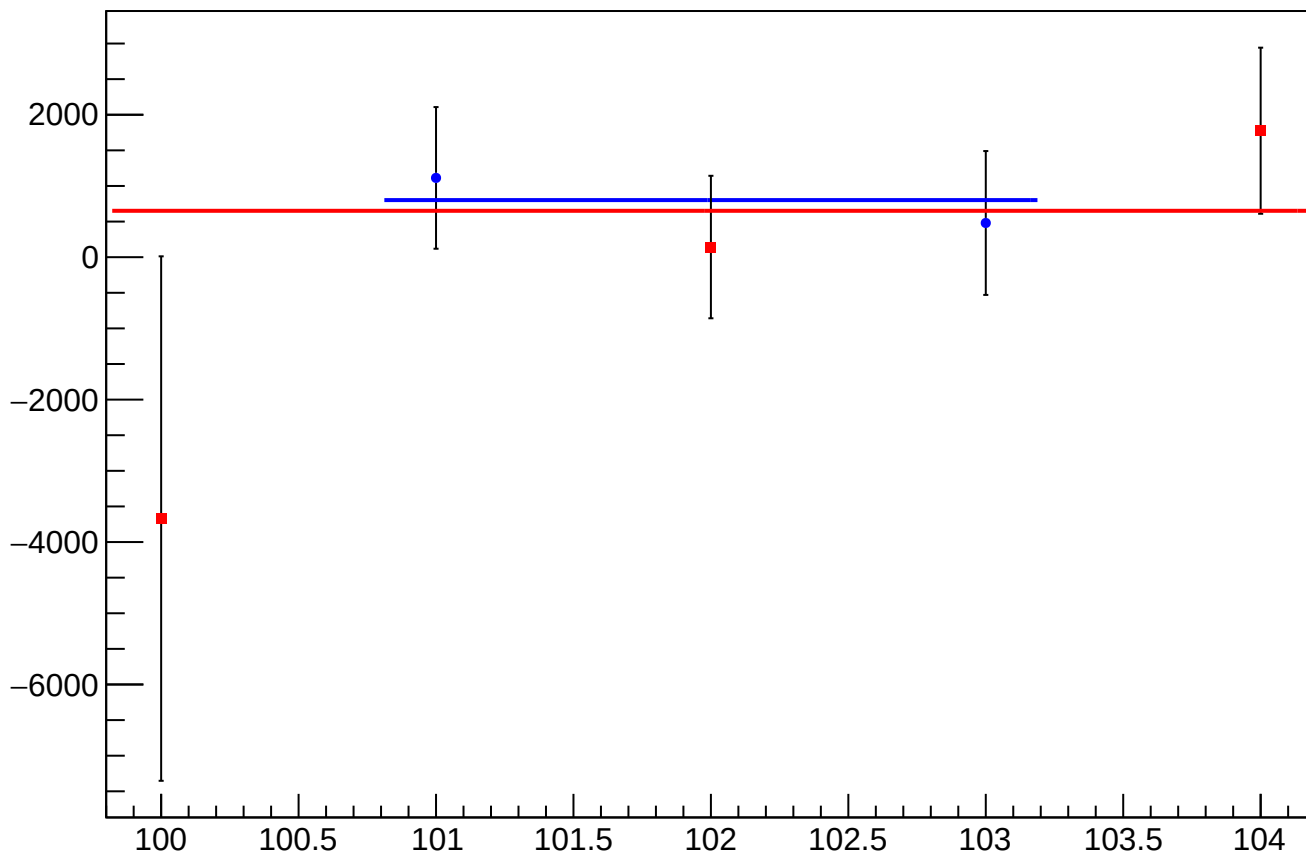
Right: 825.639+/-0.370 χ^2/NDF : 6852.8/4

In: 812.263+/-0.512 χ^2/NDF : 30.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 825.639+/-0.370 χ^2/NDF : 6852.8/4

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 801.647 $\pm$ 708.695 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 651.324 $\pm$ 743.590 χ^2 /NDF: 2.6/2

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

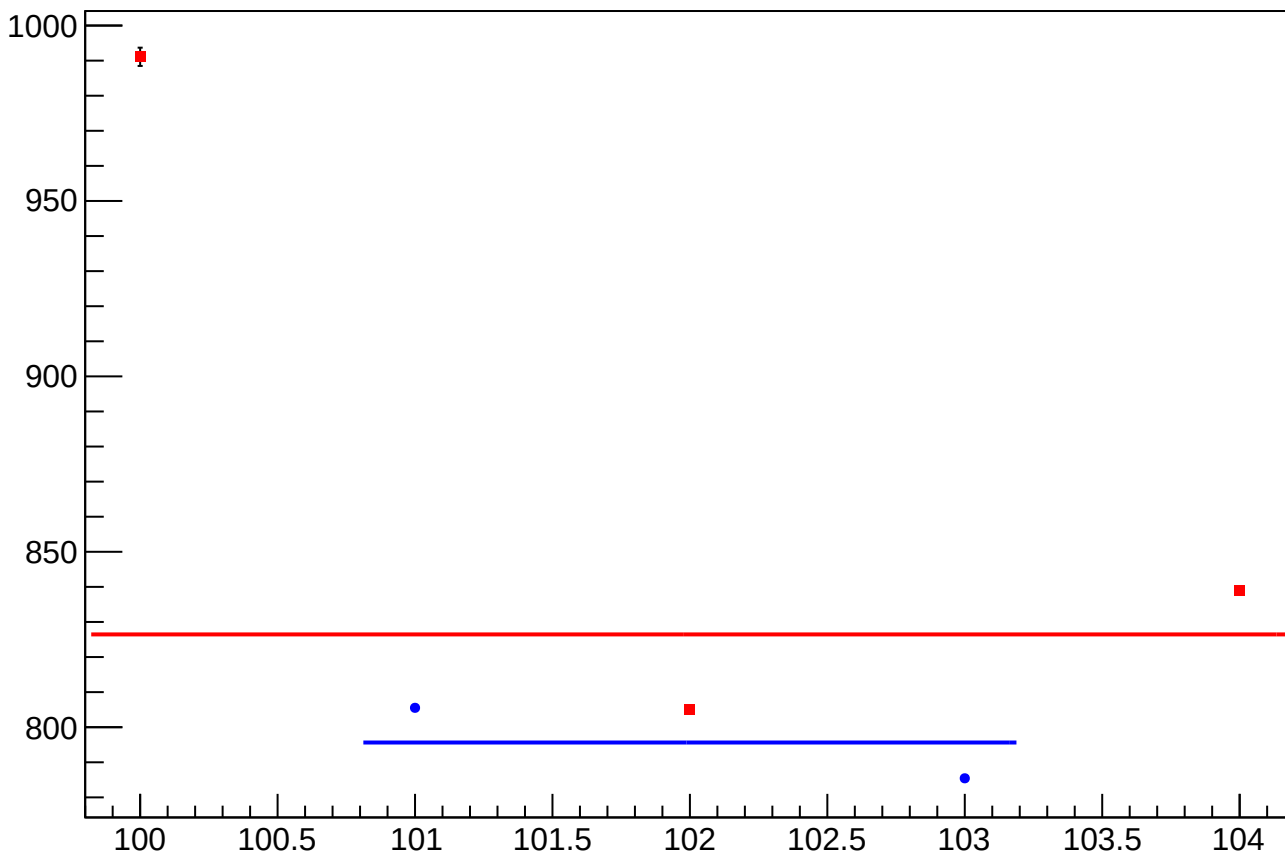
Right: 730.096 $\pm$ 513.016 χ^2 /NDF: 2.8/4

In: 801.647 $\pm$ 708.695 χ^2 /NDF:0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 730.096 $\pm$ 513.016 χ^2 /NDF: 2.8/4

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 795.639+/-0.501 χ^2/NDF : 401.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 826.451+/-0.526 χ^2/NDF : 5146.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

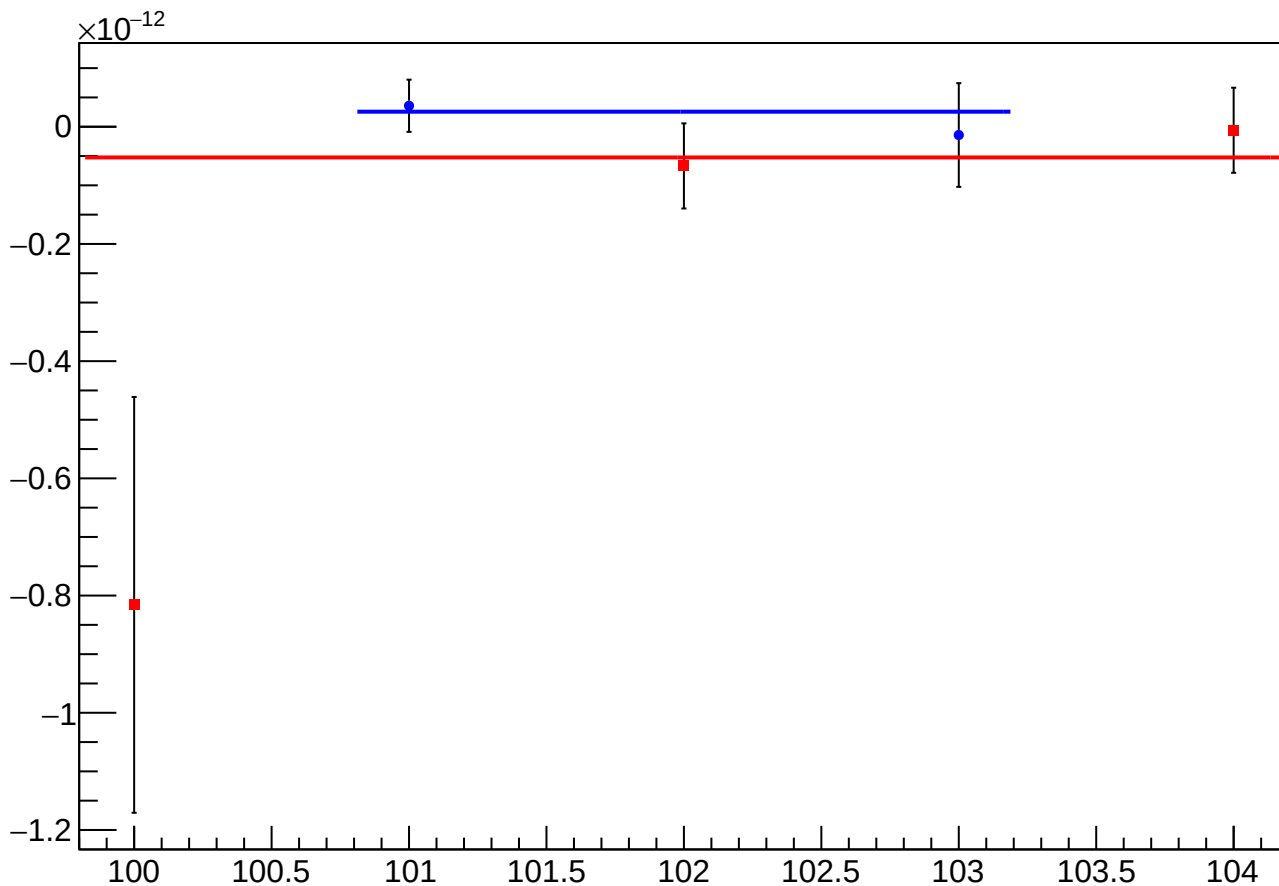
Right: 810.305+/-0.363 χ^2/NDF : 7347.9/4

In: 795.639+/-0.501 χ^2/NDF : 401.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 810.305+/-0.363 χ^2/NDF : 7347.9/4

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/2

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

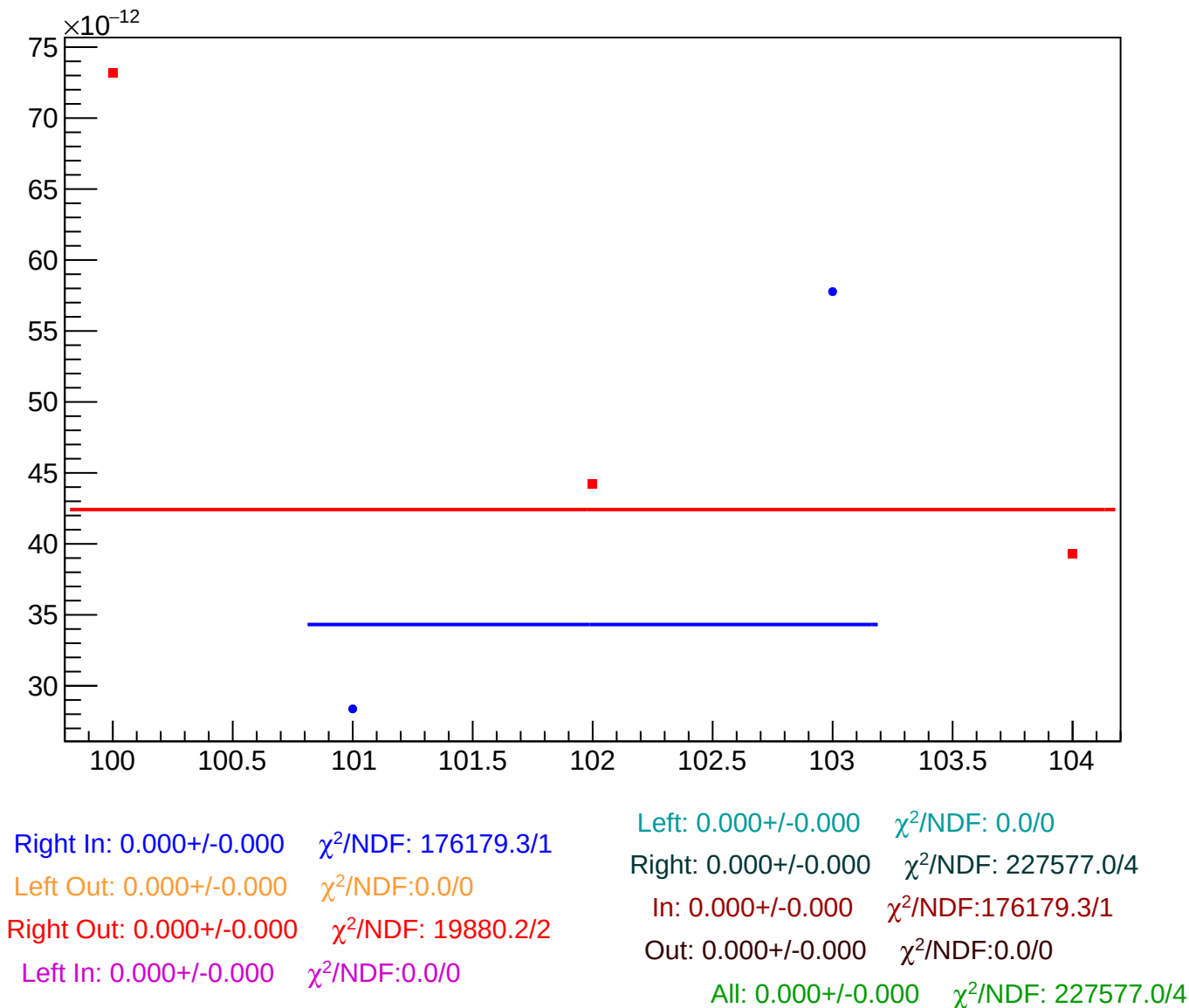
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.3/1

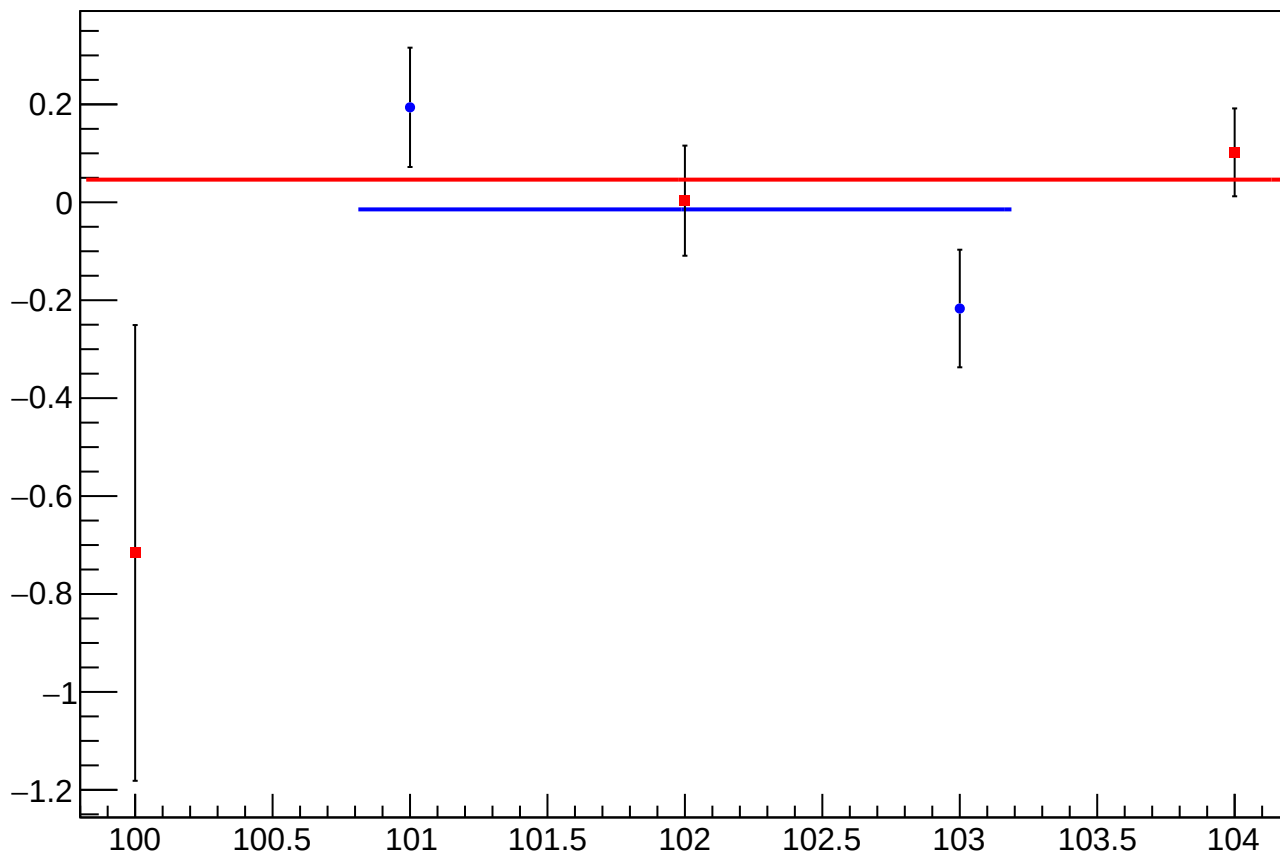
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/4

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 0.069 χ^2 /NDF: 3.2/2

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

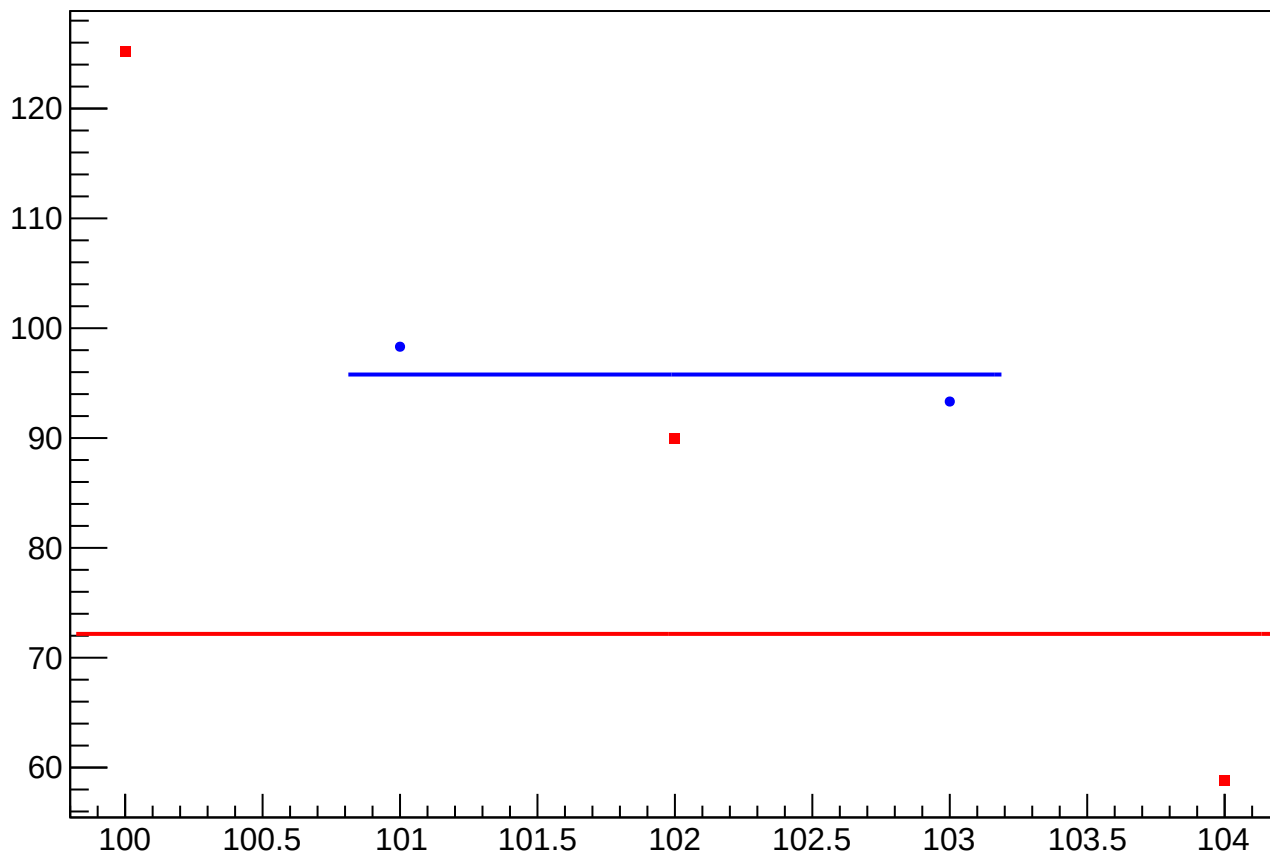
Right: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

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: 72.168+/-0.049 χ^2/NDF : 120131.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

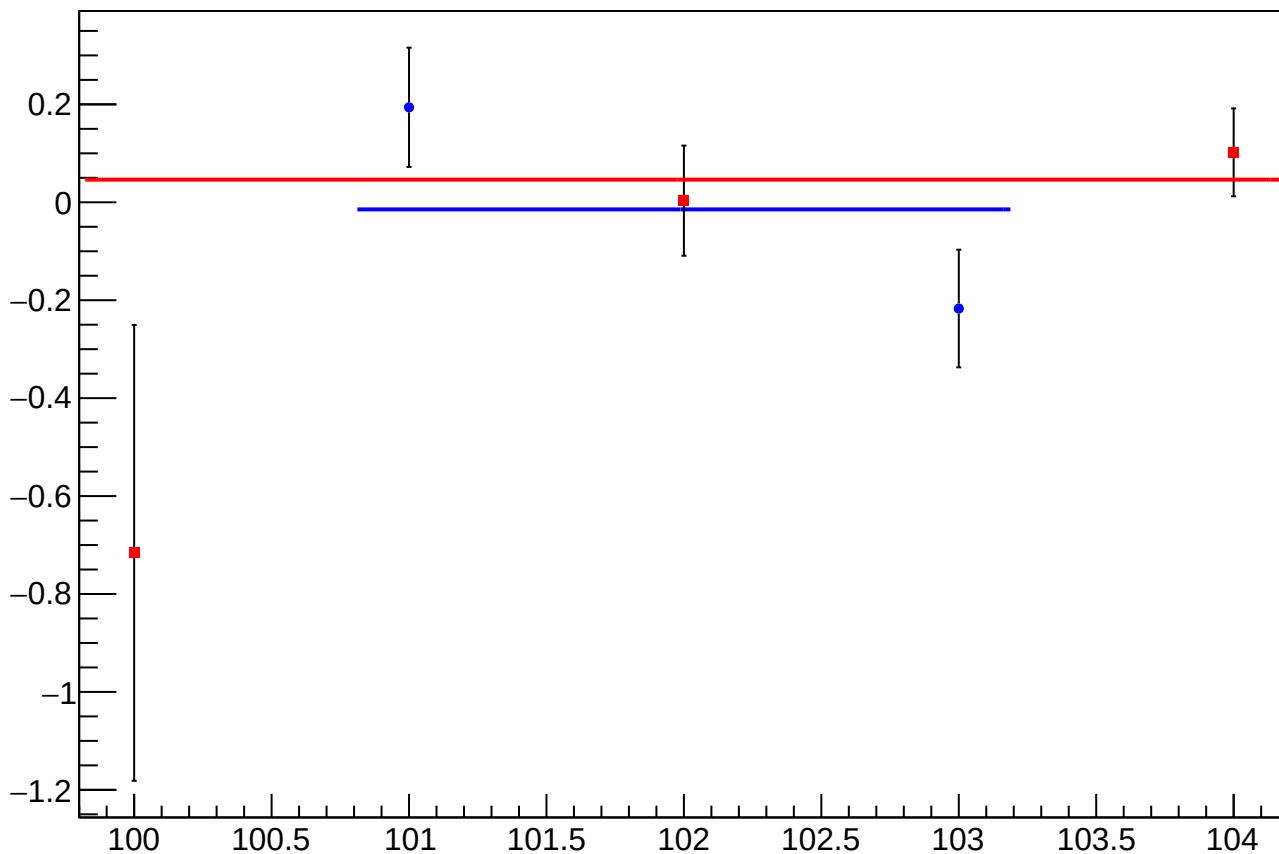
Right: 81.536+/-0.038 χ^2/NDF : 213809.1/4

In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.536+/-0.038 χ^2/NDF : 213809.1/4

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 0.069 χ^2 /NDF: 3.2/2

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

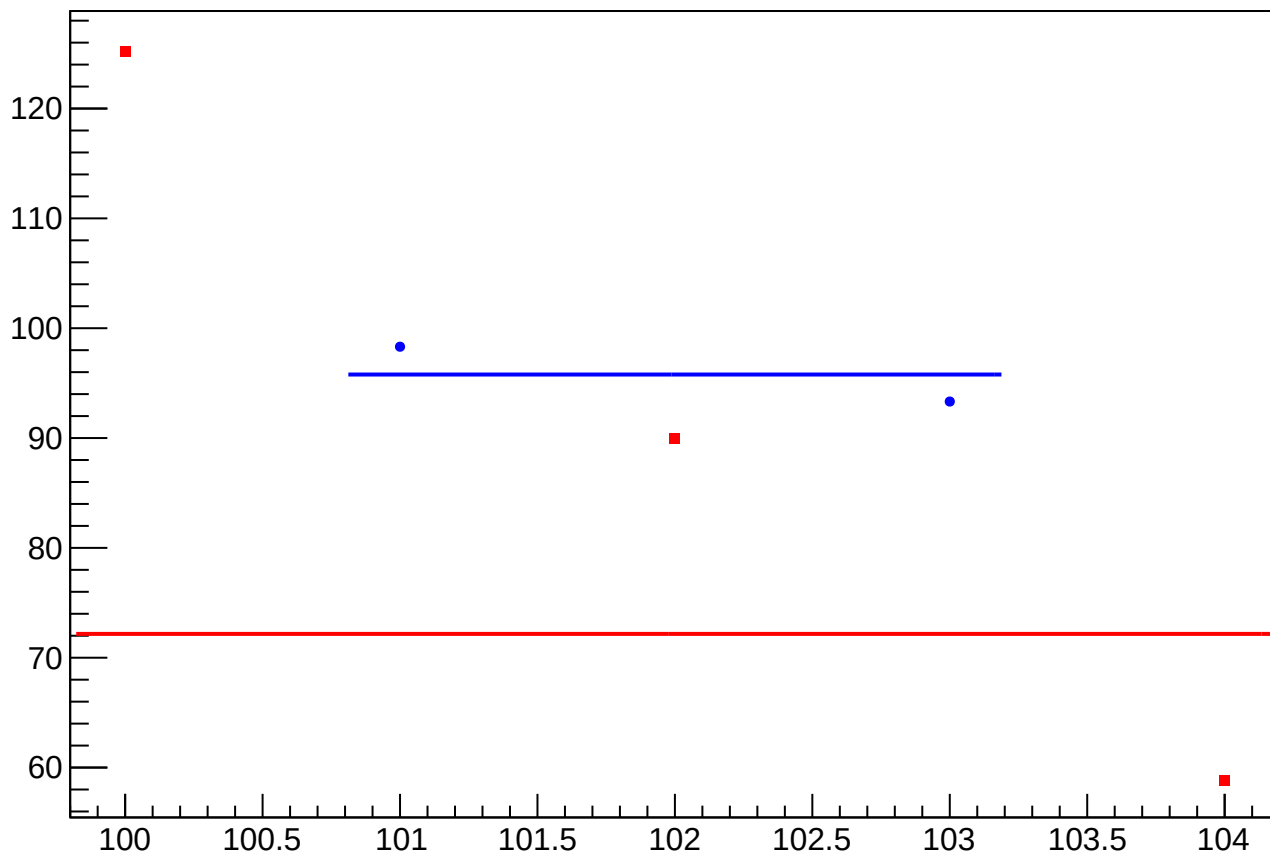
Right: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.168+/-0.049 χ^2/NDF : 120131.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

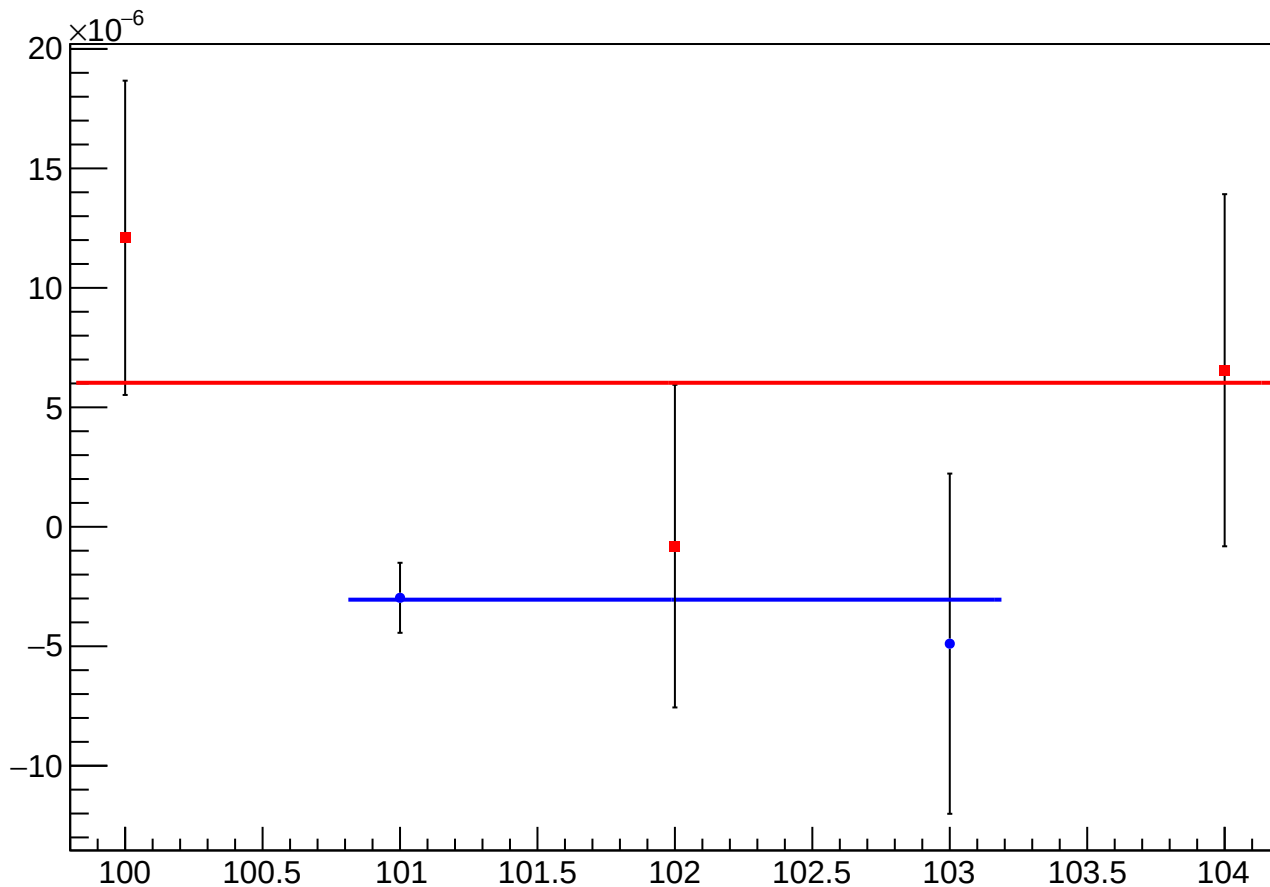
Right: 81.536+/-0.038 χ^2/NDF : 213809.1/4

In: 95.783+/-0.060 χ^2/NDF : 1702.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.536+/-0.038 χ^2/NDF : 213809.1/4

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 : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

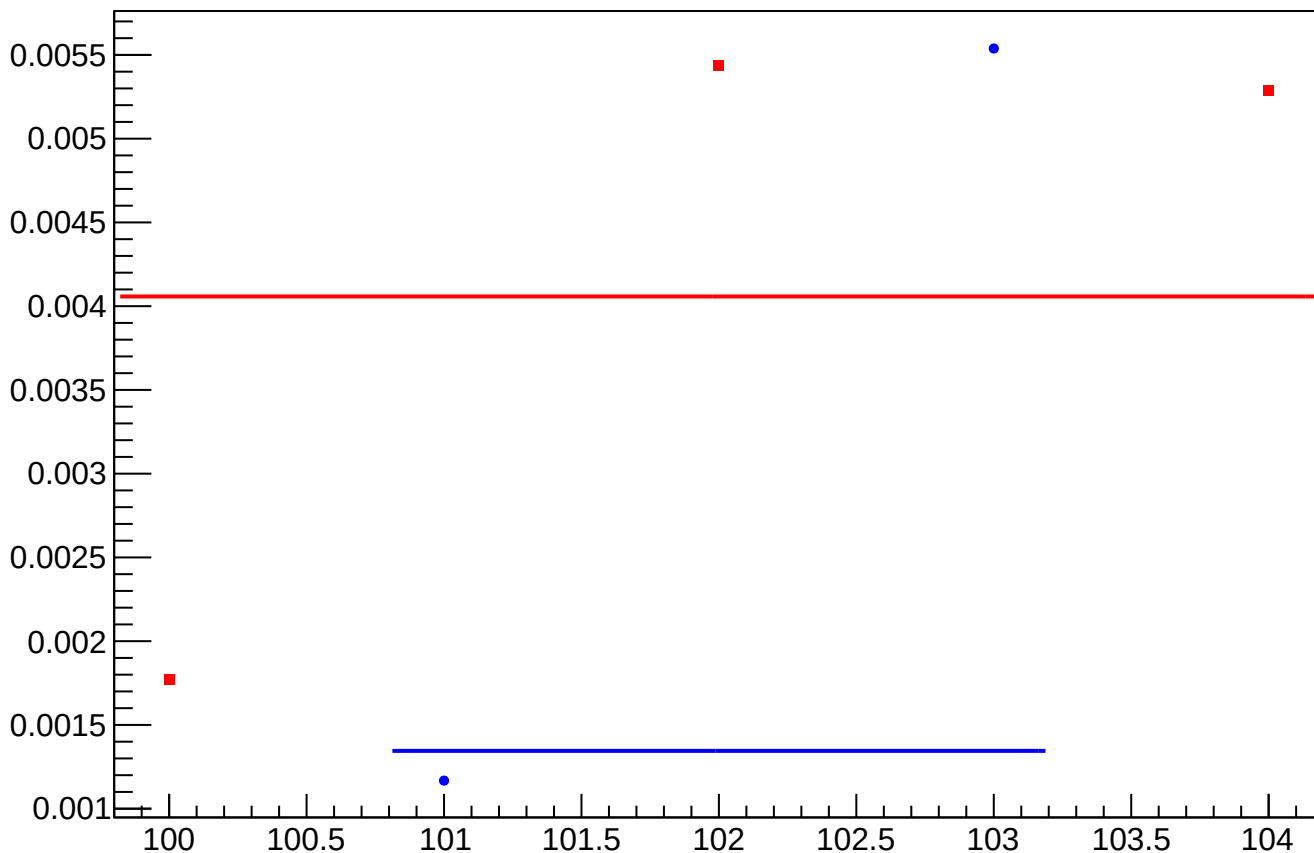
Right: -0.000+/-0.000 χ^2/NDF : 6.6/4

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 : 6.6/4

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 : 381079.7/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

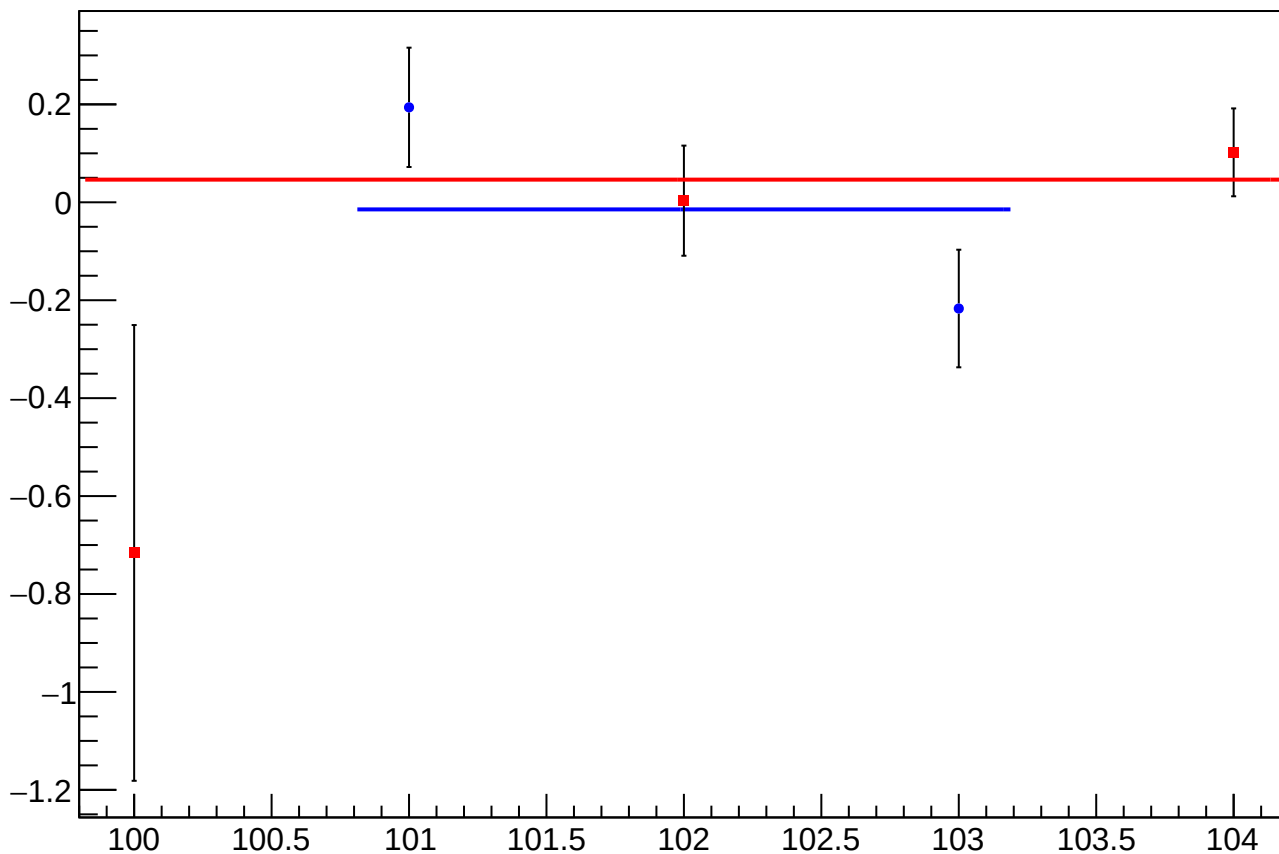
Right: 0.002+/-0.000 χ^2/NDF : 1930513.1/4

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 : 1930513.1/4

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.086 χ^2 /NDF: 5.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 0.069 χ^2 /NDF: 3.2/2

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

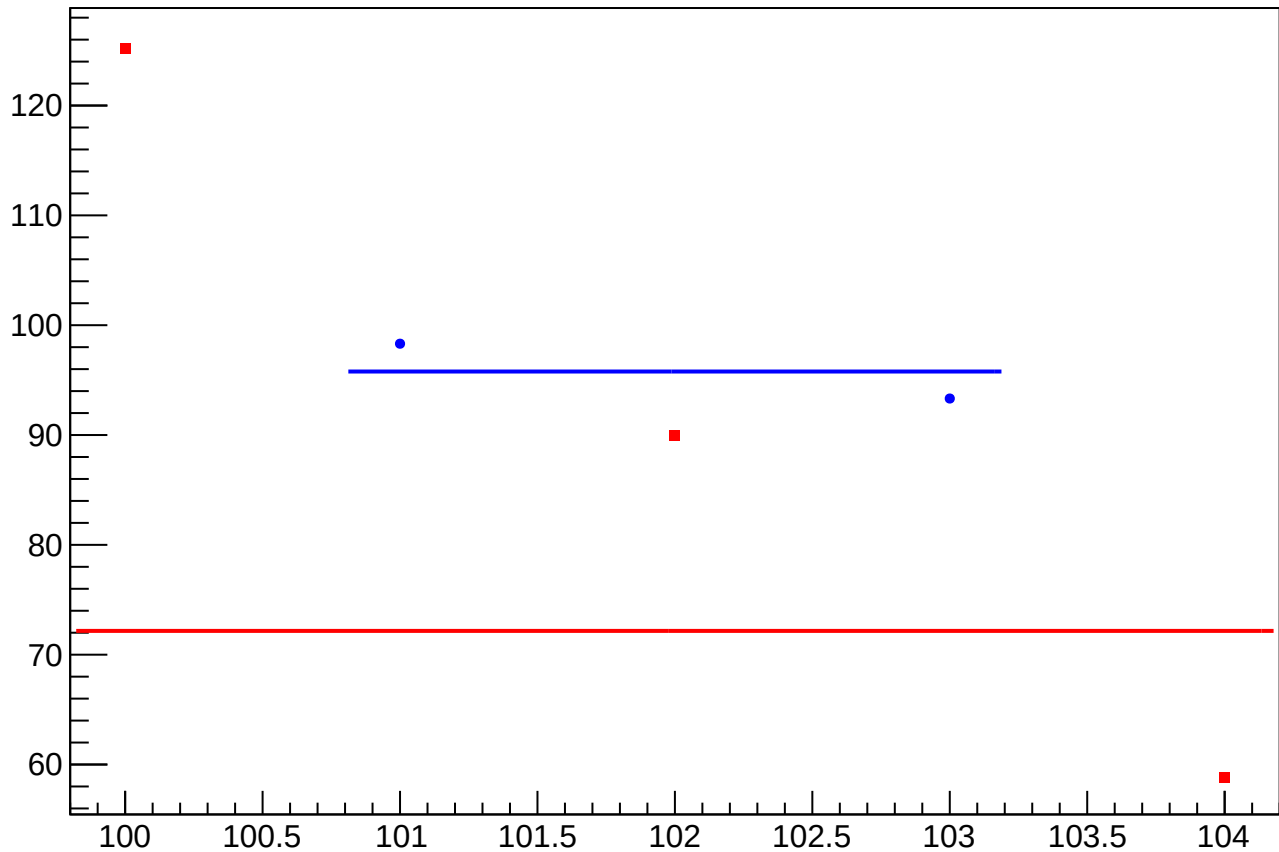
Right: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

In: -0.015 $\pm$ 0.086 χ^2 /NDF:5.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.022 $\pm$ 0.054 χ^2 /NDF: 9.3/4

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.166+/-0.049 χ^2/NDF : 120152.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

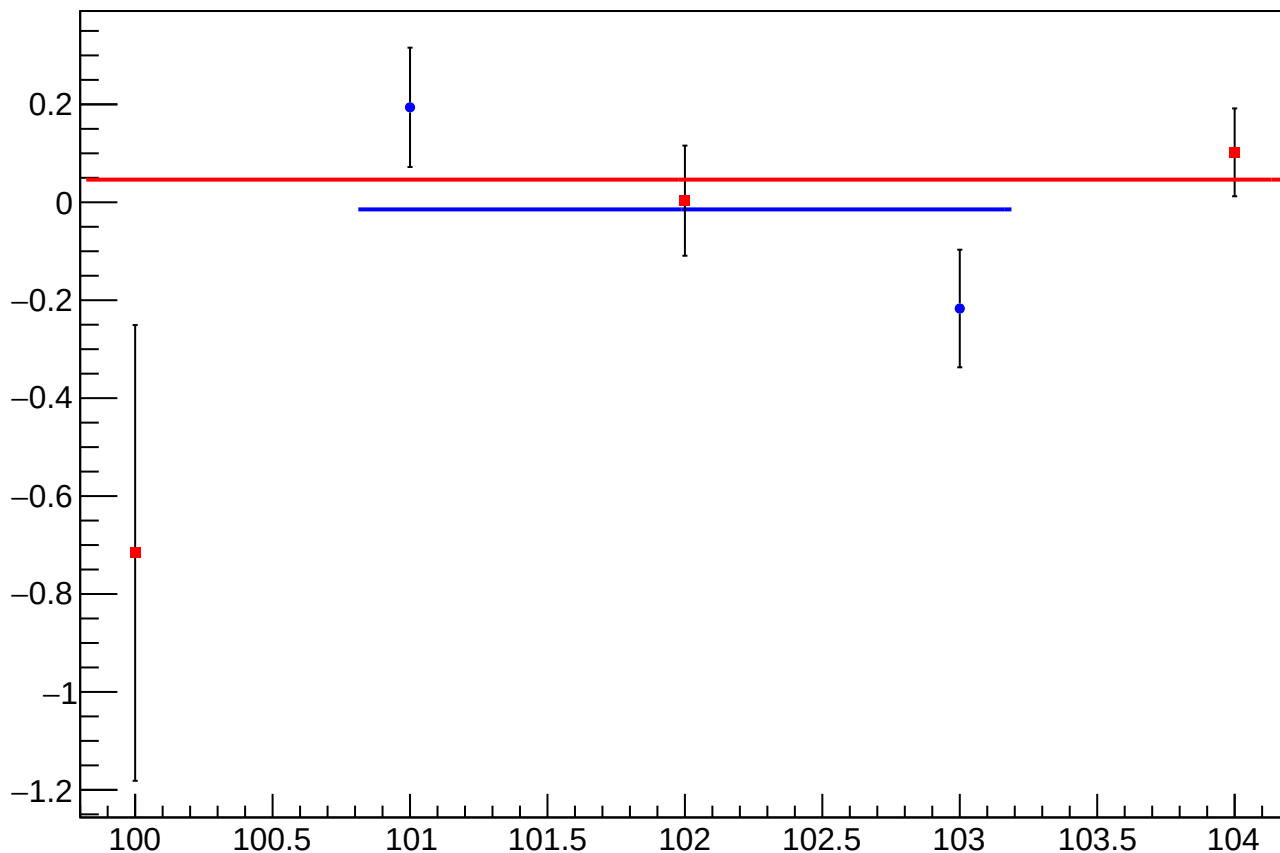
Right: 81.535+/-0.038 χ^2/NDF : 213847.9/4

In: 95.783+/-0.060 χ^2/NDF : 1702.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.535+/-0.038 χ^2/NDF : 213847.9/4

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: 0.046+/-0.069 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

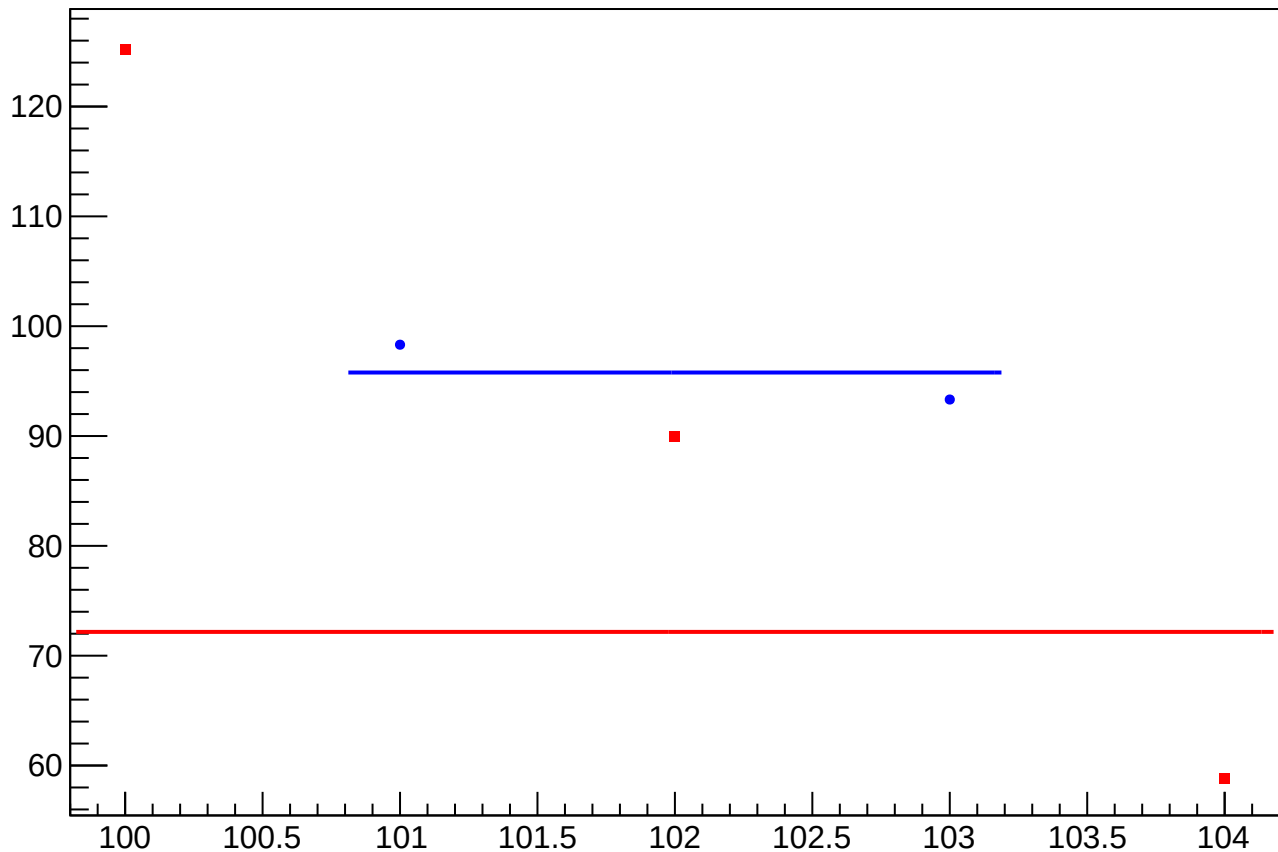
Right: 0.022+/-0.054 χ^2/NDF : 9.3/4

In: -0.015+/-0.086 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.054 χ^2/NDF : 9.3/4

asym_sam_26_48_dd_eigen_dit_vs_eigen_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: 72.166 ± 0.049 $\chi^2/\text{NDF}: 120152.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

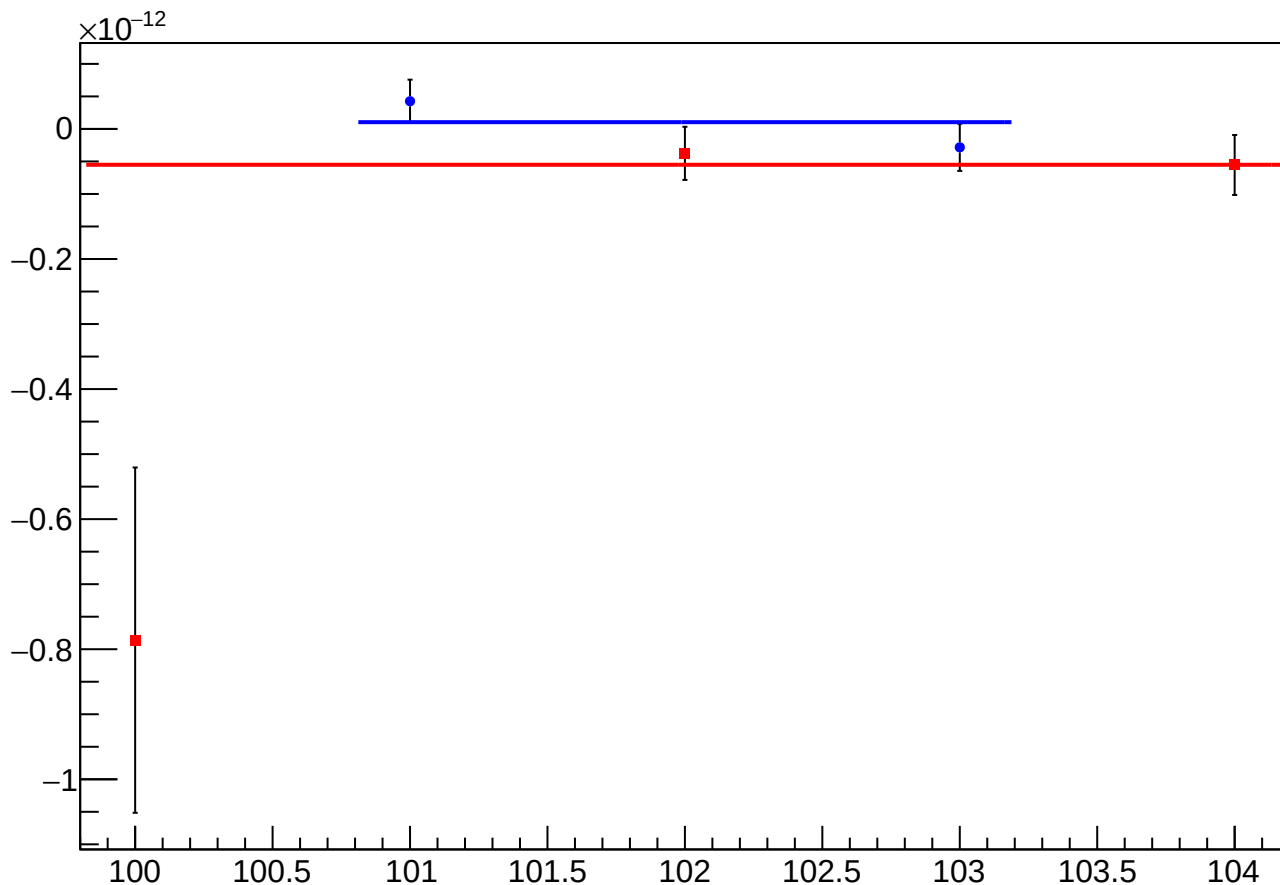
Right: 81.535 ± 0.038 $\chi^2/\text{NDF}: 213847.9/4$

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: 81.535 ± 0.038 $\chi^2/\text{NDF}: 213847.9/4$

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 : 7.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

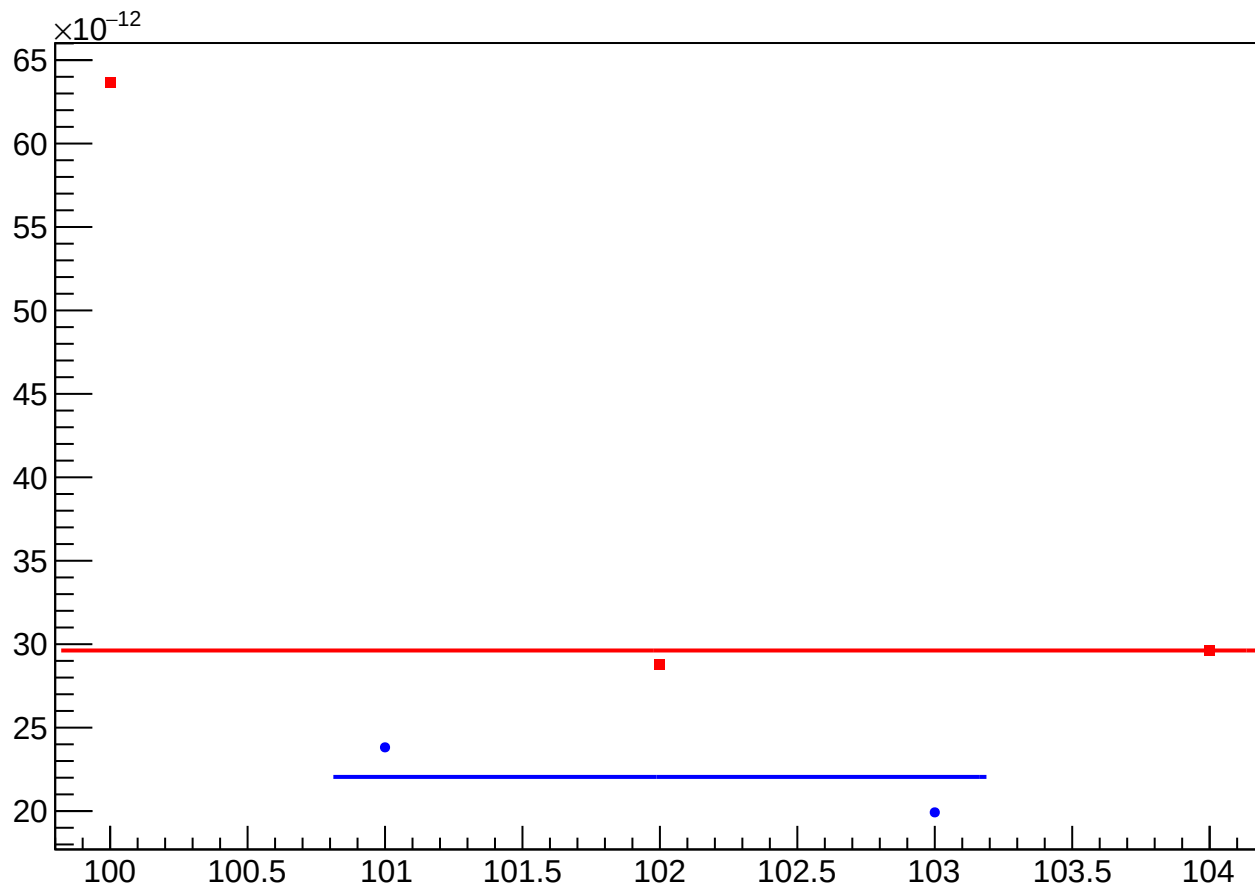
Right: -0.000+/-0.000 χ^2/NDF : 12.7/4

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 : 12.7/4

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 : 33657.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

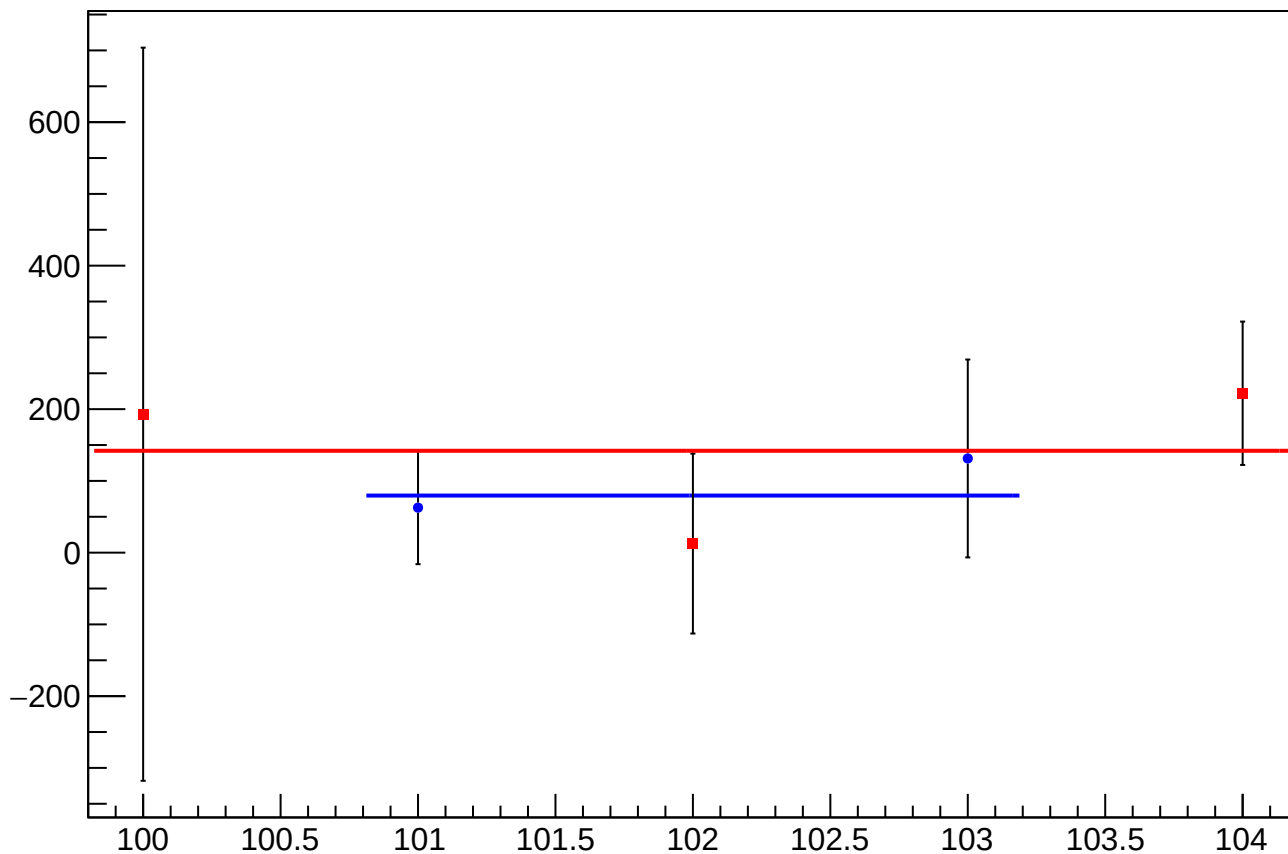
Right: 0.000+/-0.000 χ^2/NDF : 121749.3/4

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 : 121749.3/4

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: 141.977+/-77.233 χ^2/NDF : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

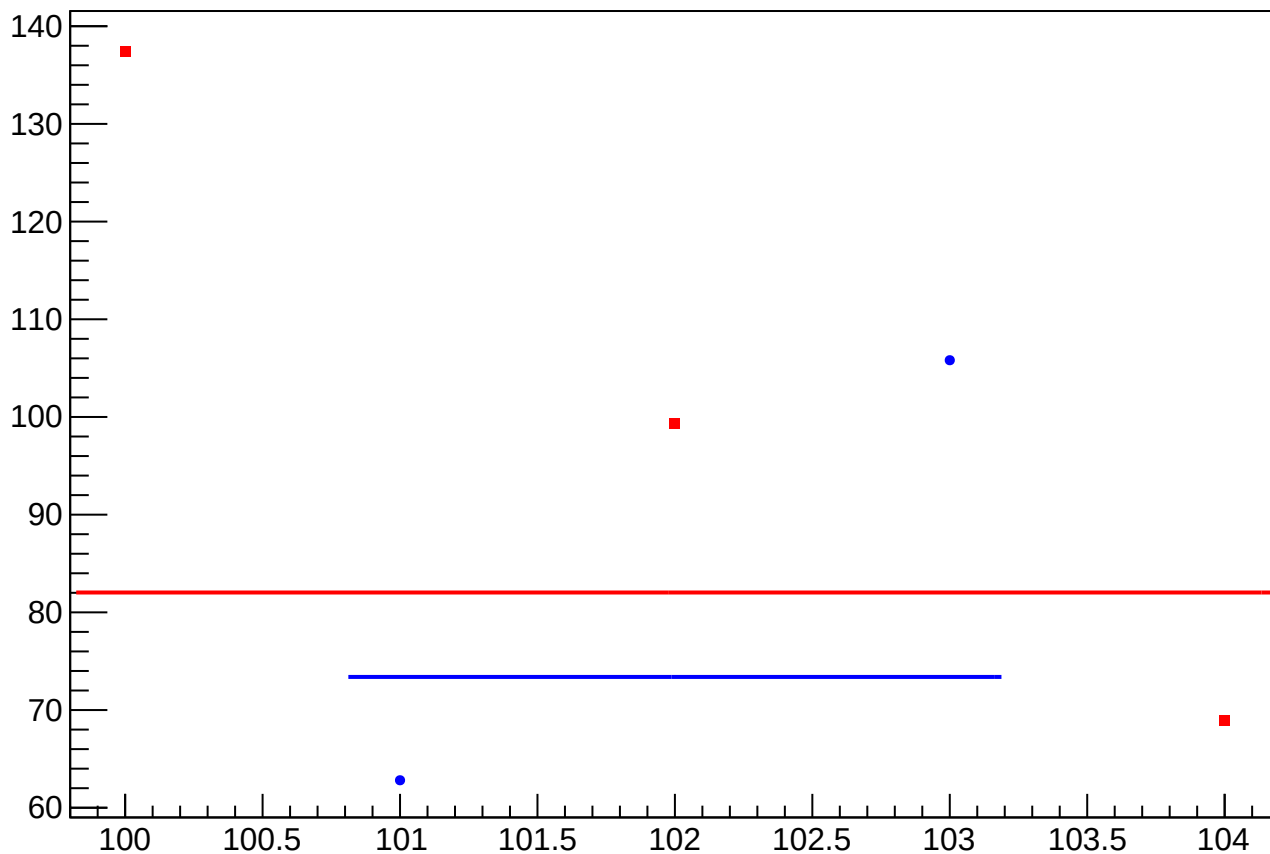
Right: 107.006+/-51.205 χ^2/NDF : 2.3/4

In: 79.577+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.006+/-51.205 χ^2/NDF : 2.3/4

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: 82.032+/-0.055 χ^2/NDF : 95838.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

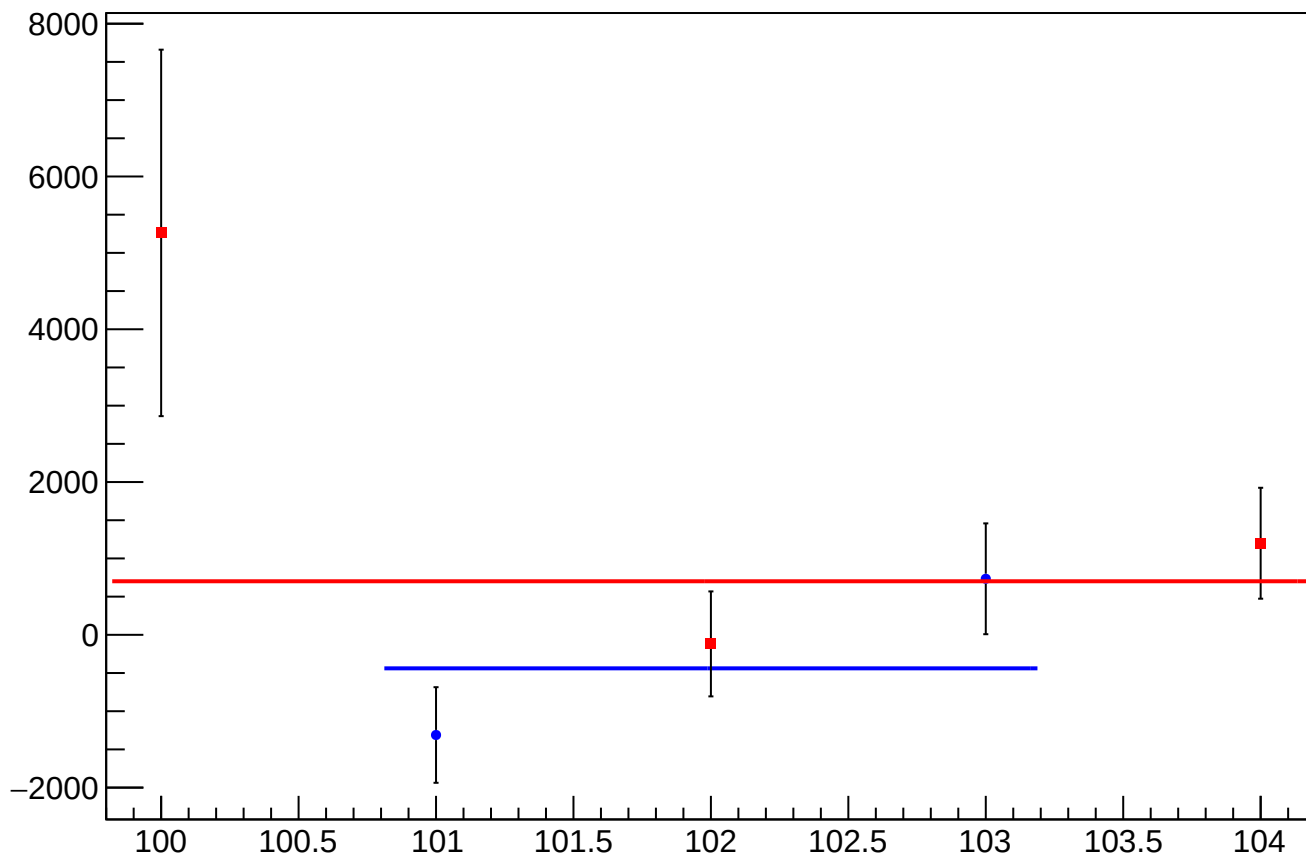
Right: 77.189+/-0.036 χ^2/NDF : 256455.7/4

In: 73.390+/-0.048 χ^2/NDF : 146582.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.189+/-0.036 χ^2/NDF : 256455.7/4

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: 701.098+/-488.566 χ^2 /NDF: 5.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

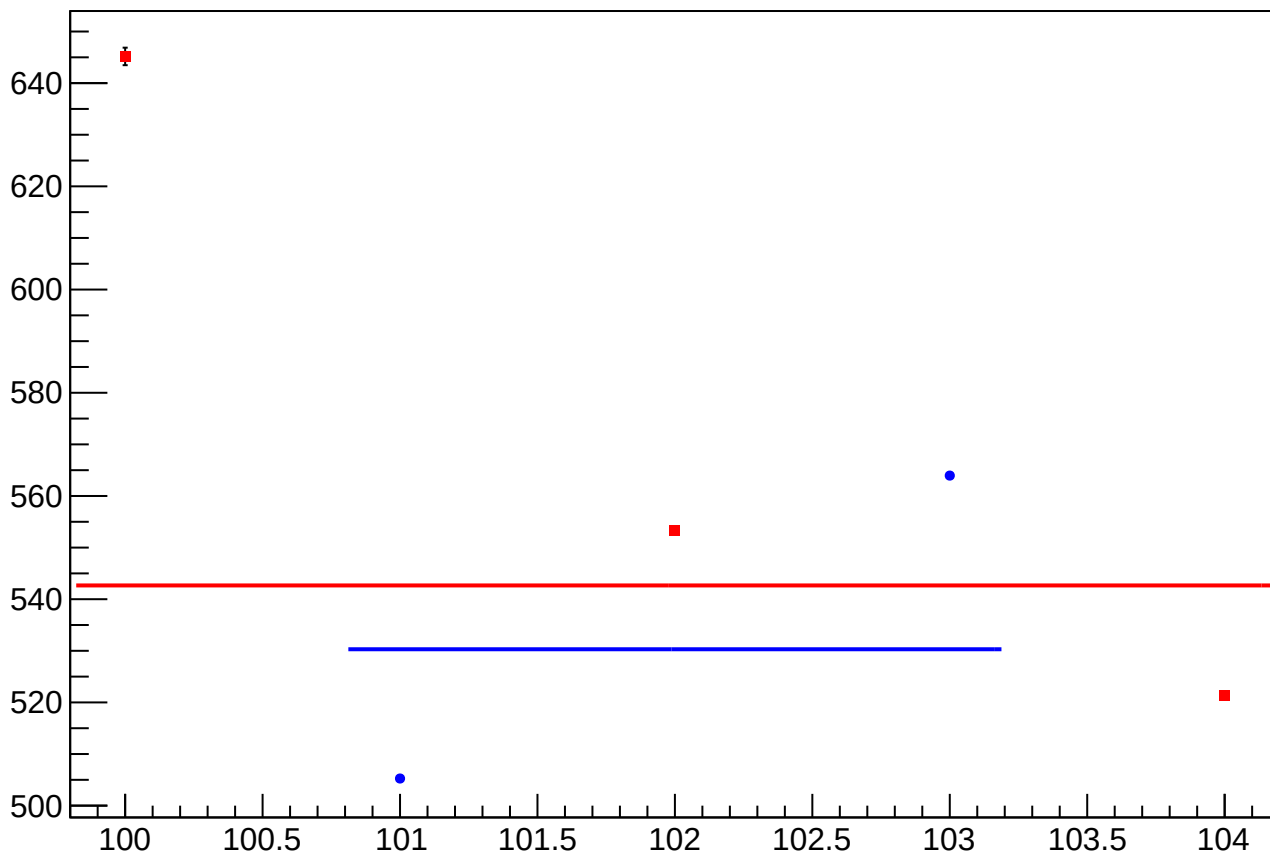
Right: 113.718+/-340.141 χ^2 /NDF: 12.9/4

In: -438.777+/-473.836 χ^2 /NDF:4.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 113.718+/-340.141 χ^2 /NDF: 12.9/4

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: 542.667+/-0.345 χ^2/NDF : 5843.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

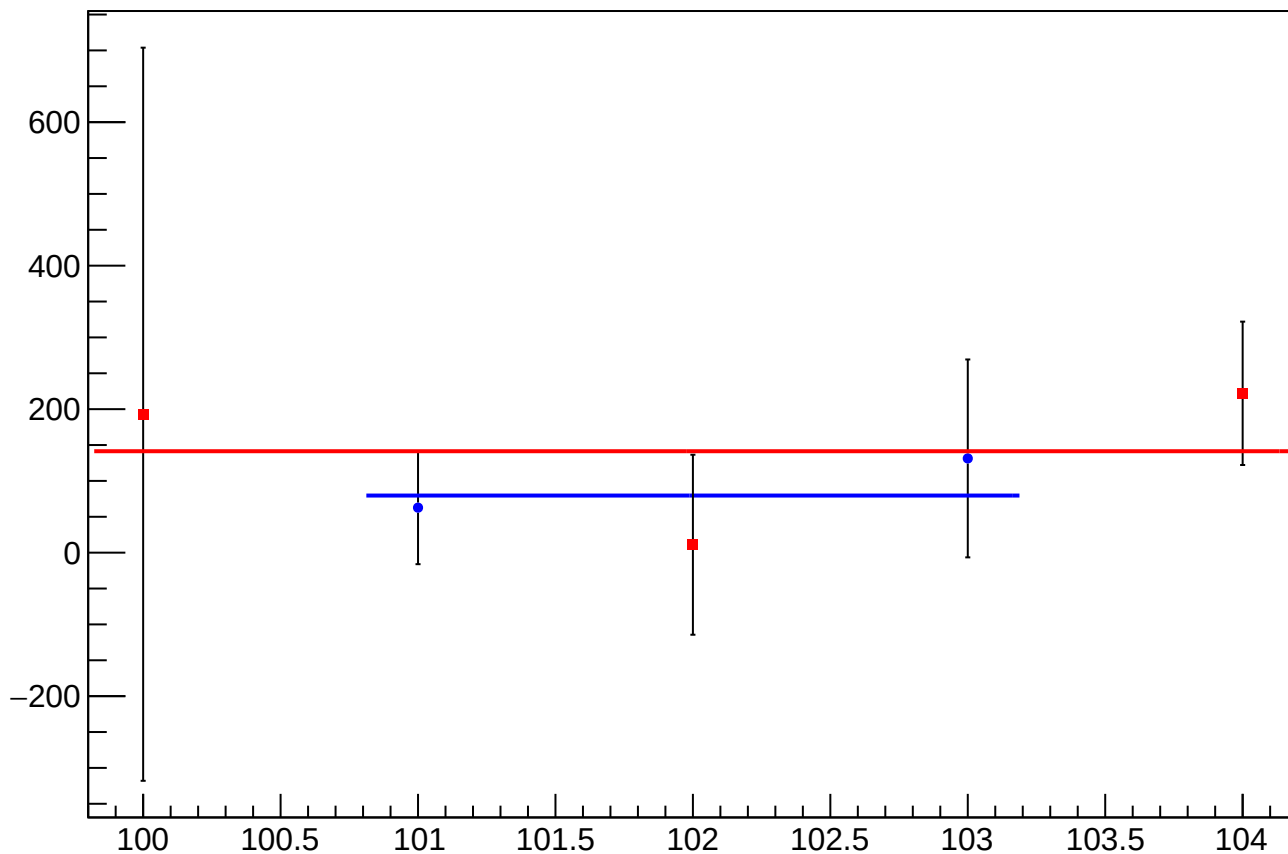
Right: 536.295+/-0.241 χ^2/NDF : 14011.7/4

ln: 530.301+/-0.335 χ^2/NDF :7508.0/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 536.295 ± 0.241 $\chi^2/\text{NDF}: 14011.7/4$

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: 141.373+/-77.249 χ^2/NDF : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

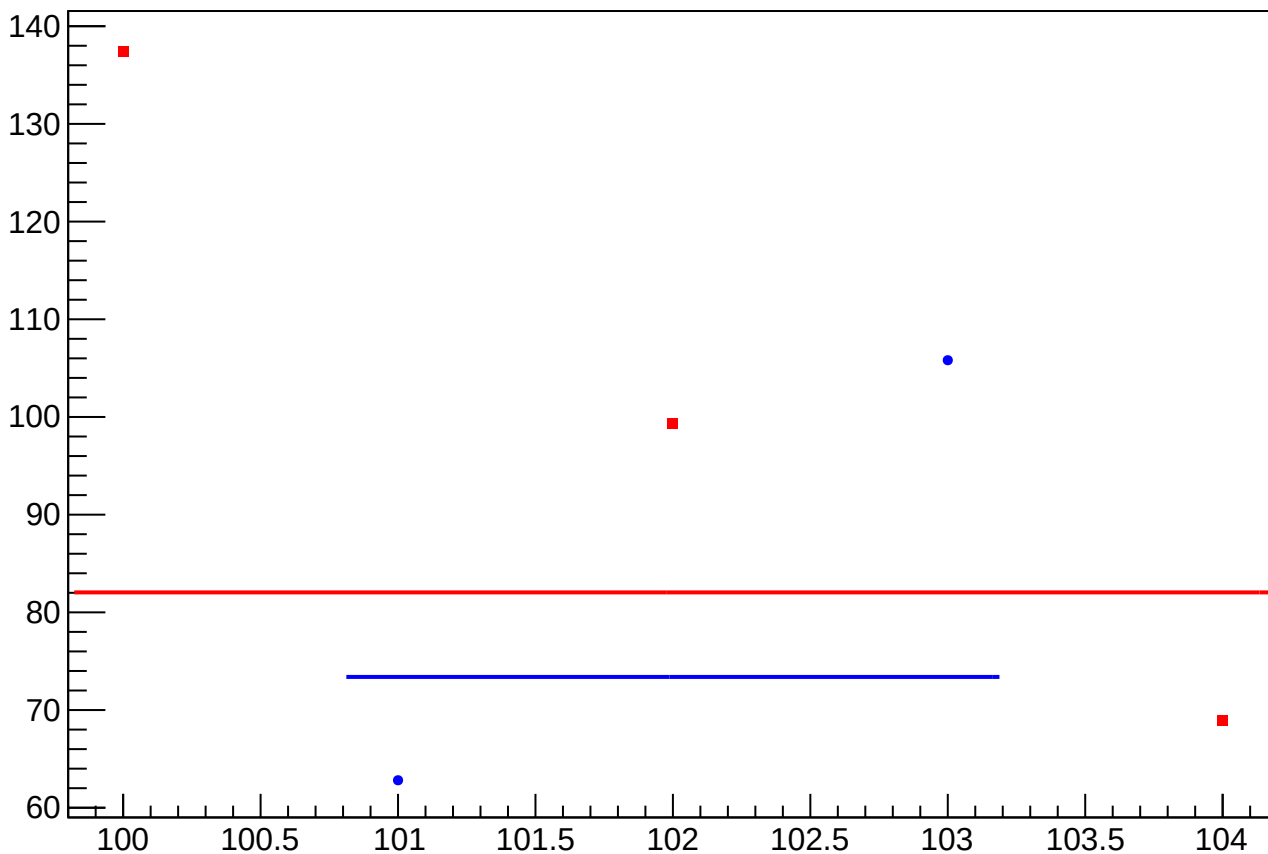
Right: 106.742+/-51.210 χ^2/NDF : 2.3/4

In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.742+/-51.210 χ^2/NDF : 2.3/4

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: 82.043+/-0.055 χ^2/NDF : 95996.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

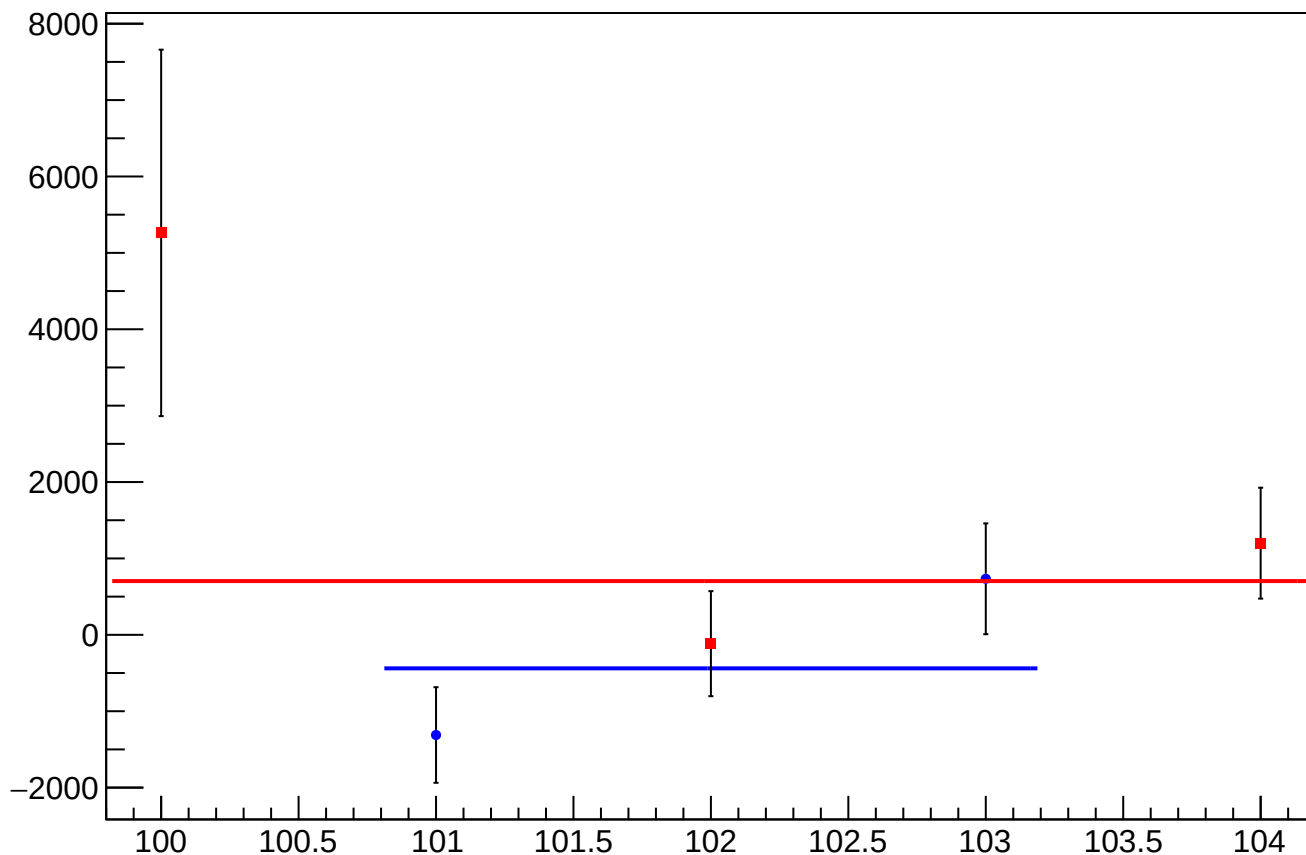
Right: 77.193+/-0.036 χ^2/NDF : 256648.8/4

In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.193+/-0.036 χ^2/NDF : 256648.8/4

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: 703.533+/-488.734 χ^2 /NDF: 5.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

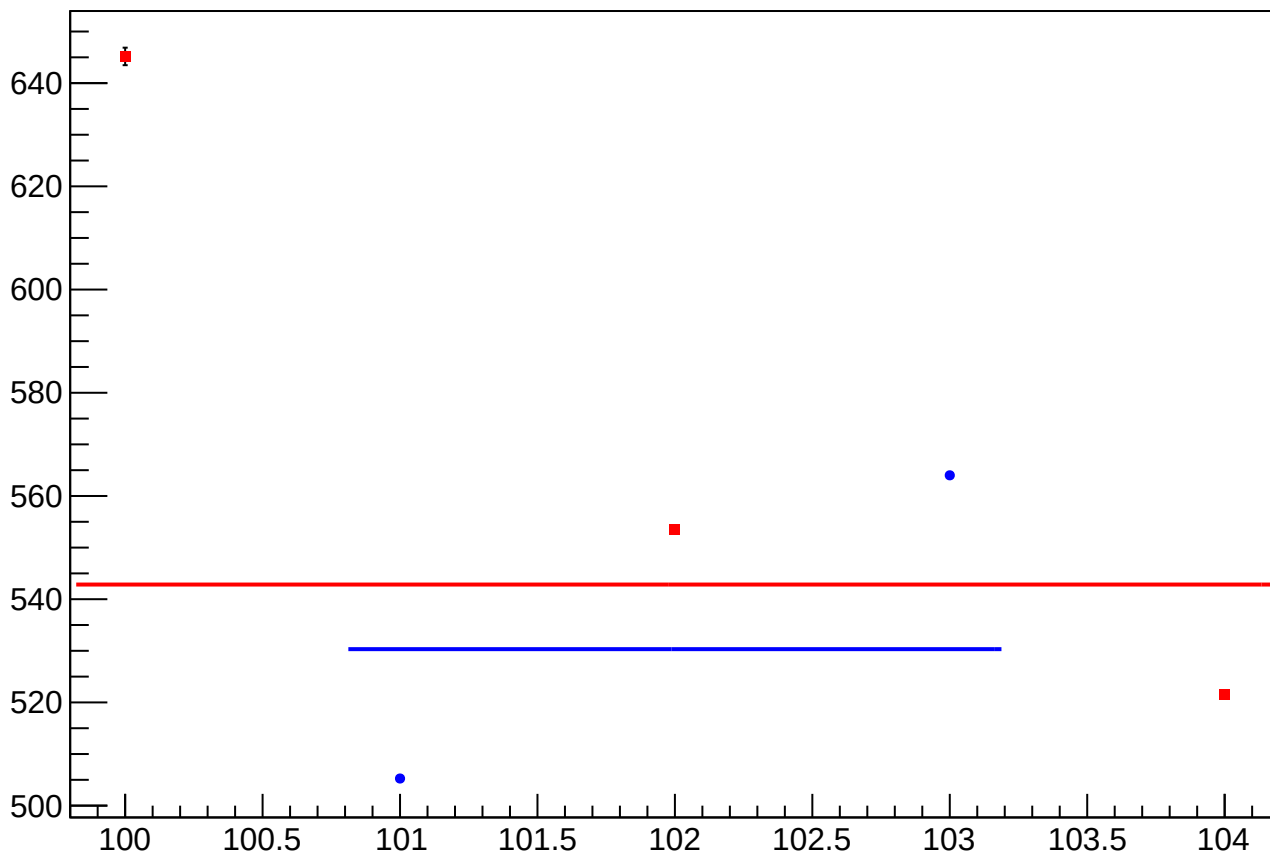
Right: 114.663+/-340.205 χ^2 /NDF: 12.9/4

In: -438.901+/-473.856 χ^2 /NDF:4.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 114.663+/-340.205 χ^2 /NDF: 12.9/4

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: 542.840+/-0.346 χ^2/NDF : 5863.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

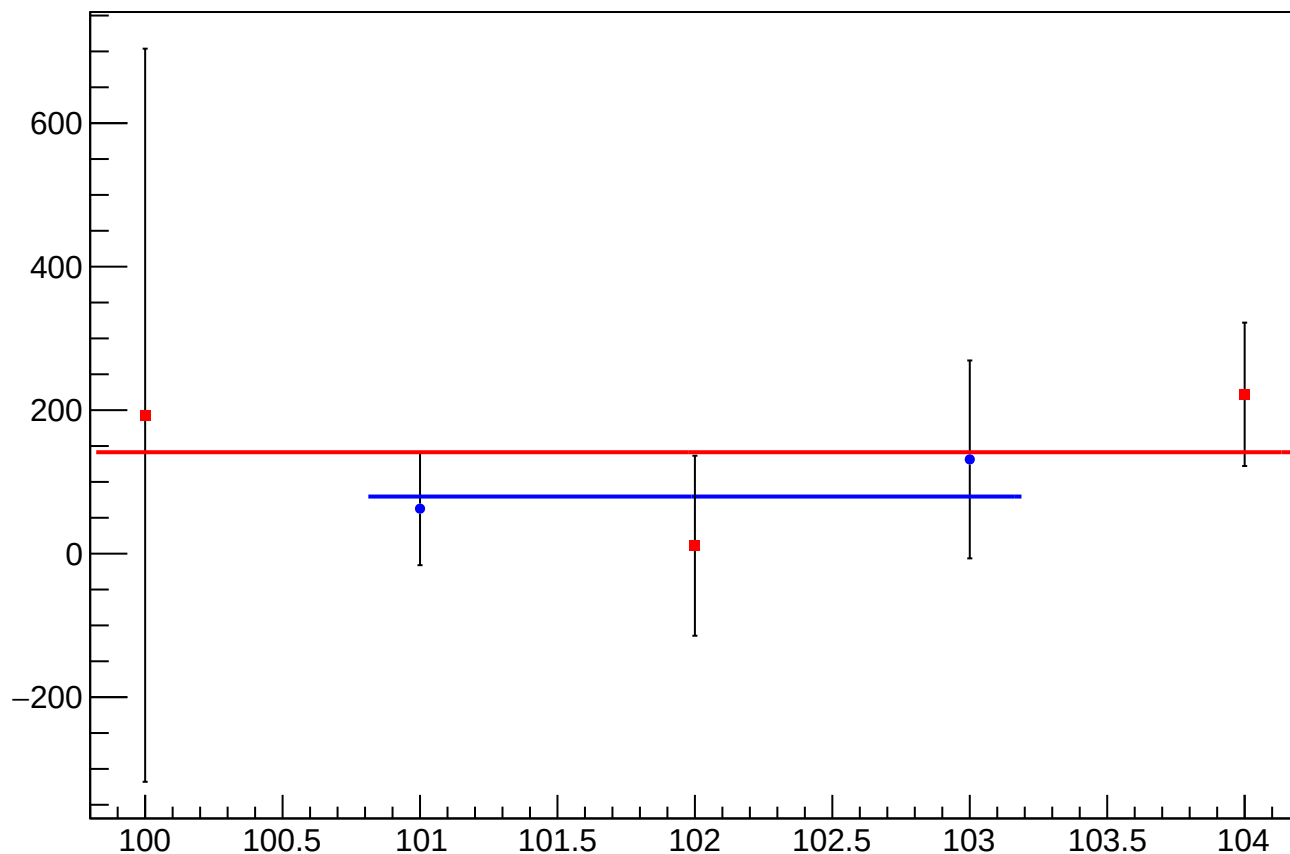
Right: 536.387+/-0.241 χ^2/NDF : 14061.3/4

In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.387+/-0.241 χ^2/NDF : 14061.3/4

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: 141.373+/-77.249 χ^2/NDF : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

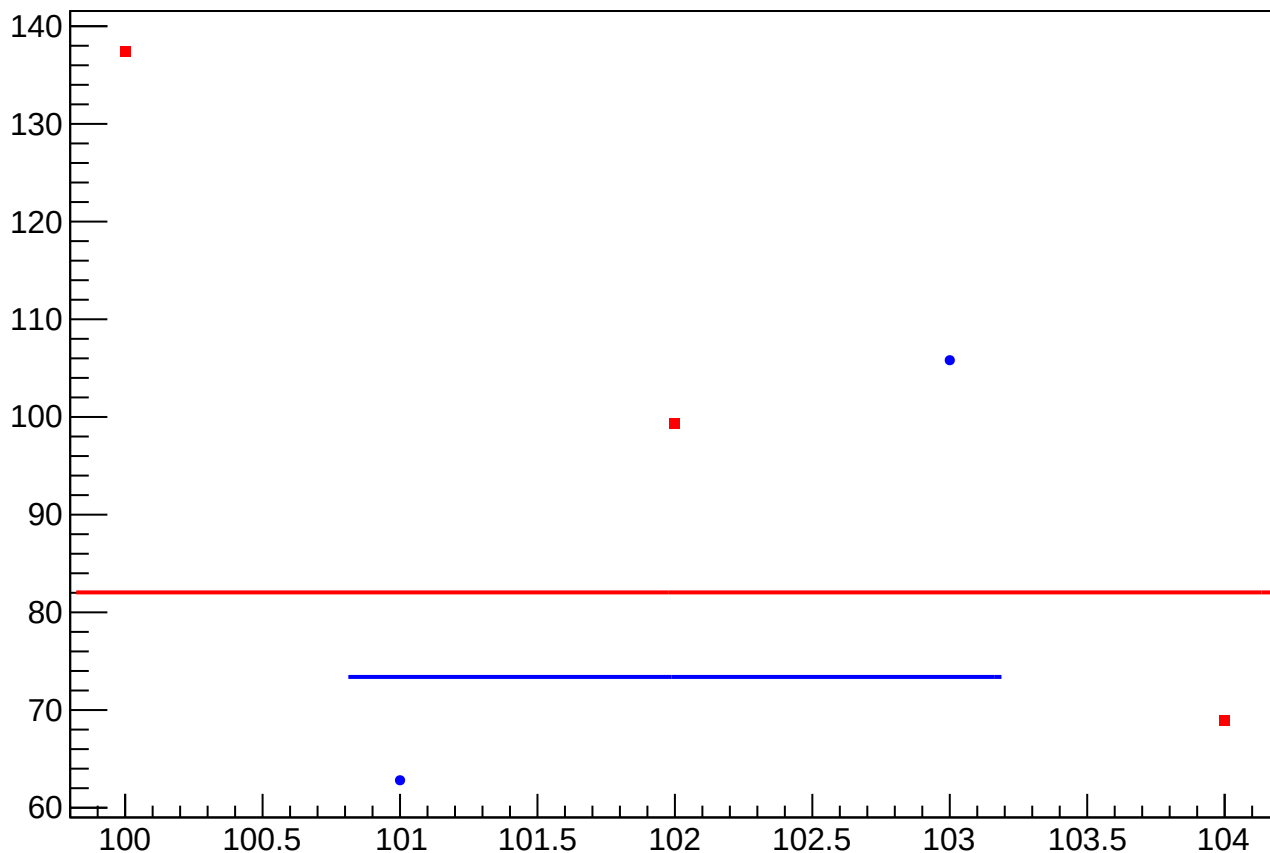
Right: 106.742+/-51.210 χ^2/NDF : 2.3/4

In: 79.591+/-68.399 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.742+/-51.210 χ^2/NDF : 2.3/4

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: 82.043+/-0.055 χ^2/NDF : 95996.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

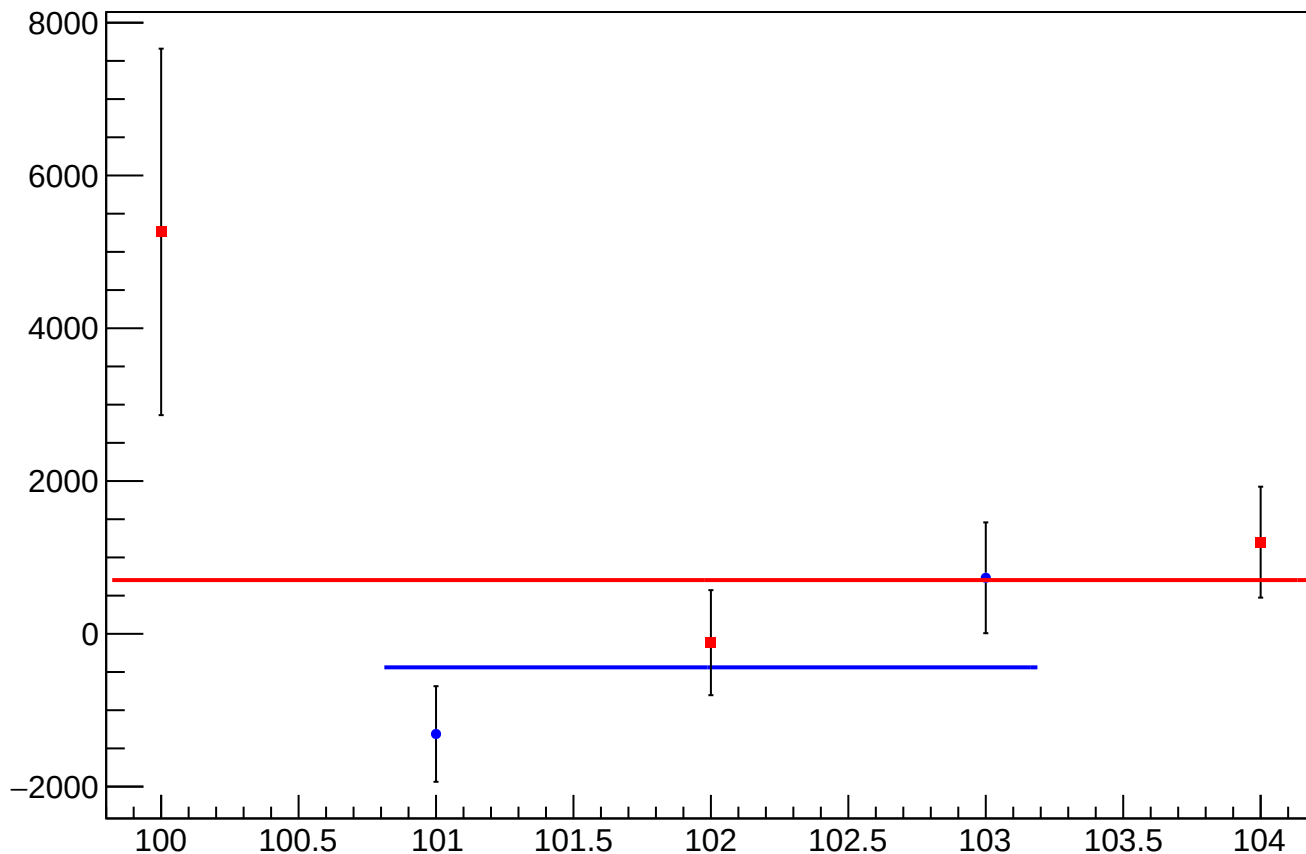
Right: 77.193+/-0.036 χ^2/NDF : 256648.8/4

In: 73.390+/-0.048 χ^2/NDF : 146585.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.193+/-0.036 χ^2/NDF : 256648.8/4

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -438.901 $\pm$ 473.856 χ^2 /NDF: 4.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 703.533 $\pm$ 488.734 χ^2 /NDF: 5.5/2

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

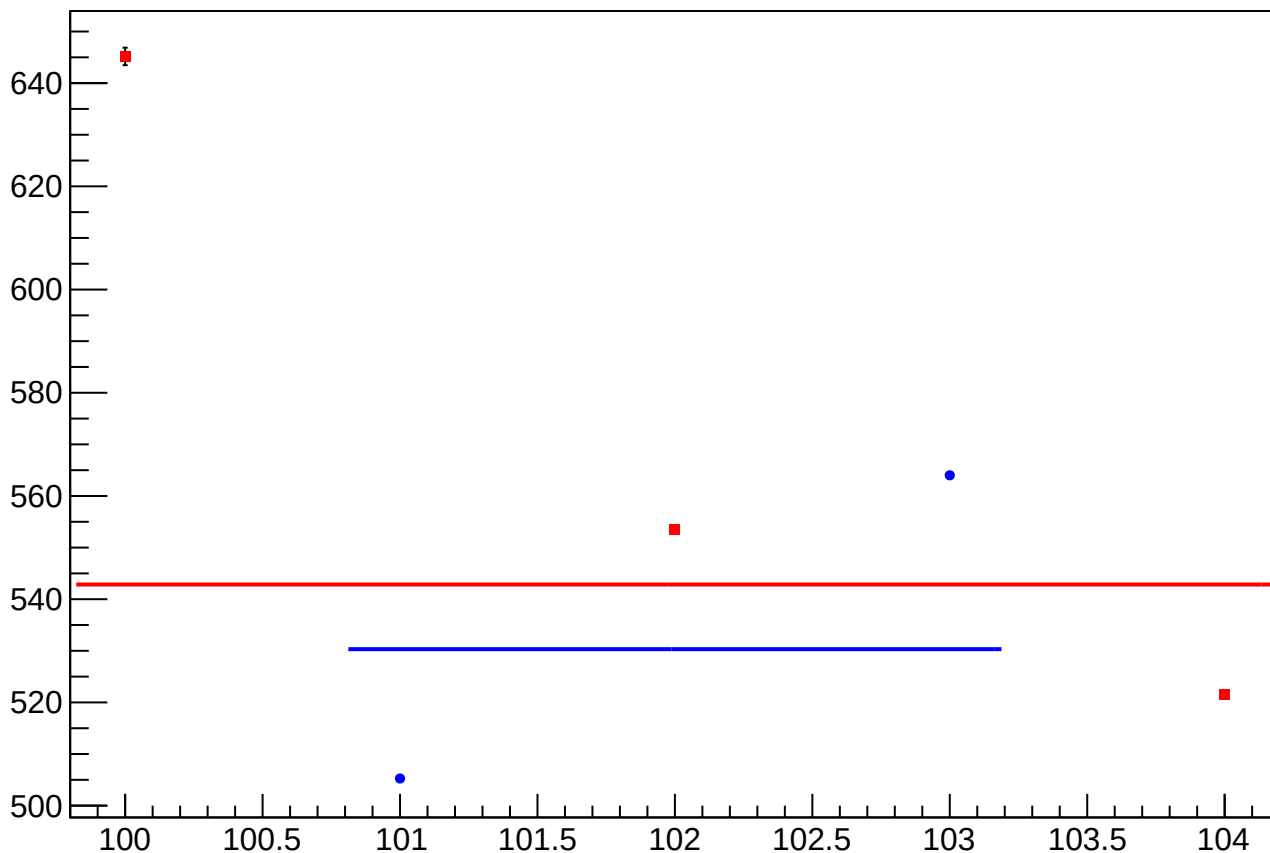
Right: 114.663 $\pm$ 340.205 χ^2 /NDF: 12.9/4

In: -438.901 $\pm$ 473.856 χ^2 /NDF: 4.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.663 $\pm$ 340.205 χ^2 /NDF: 12.9/4

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: 542.840+/-0.346 χ^2/NDF : 5863.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

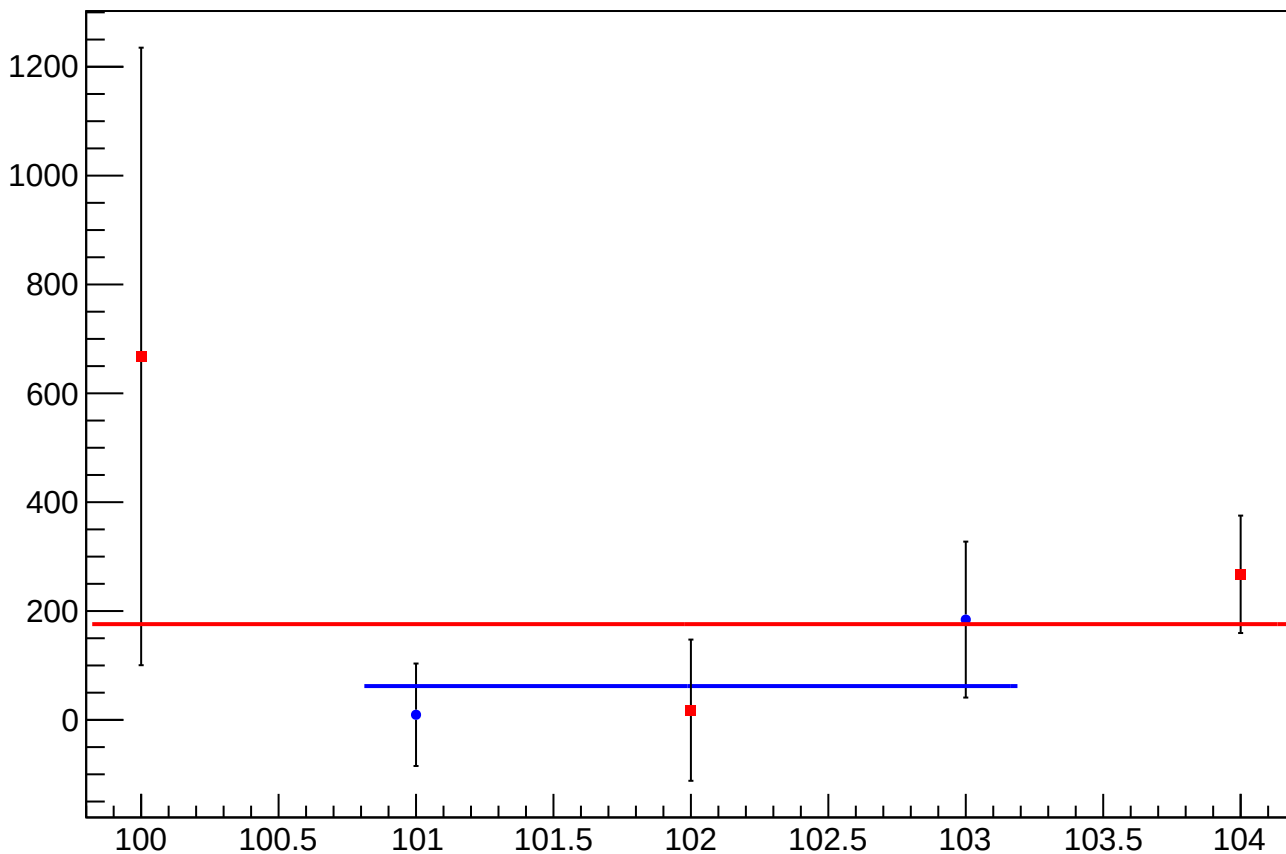
Right: 536.387+/-0.241 χ^2/NDF : 14061.3/4

In: 530.322+/-0.335 χ^2/NDF : 7521.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.387+/-0.241 χ^2/NDF : 14061.3/4

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: 175.936+/-82.070 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

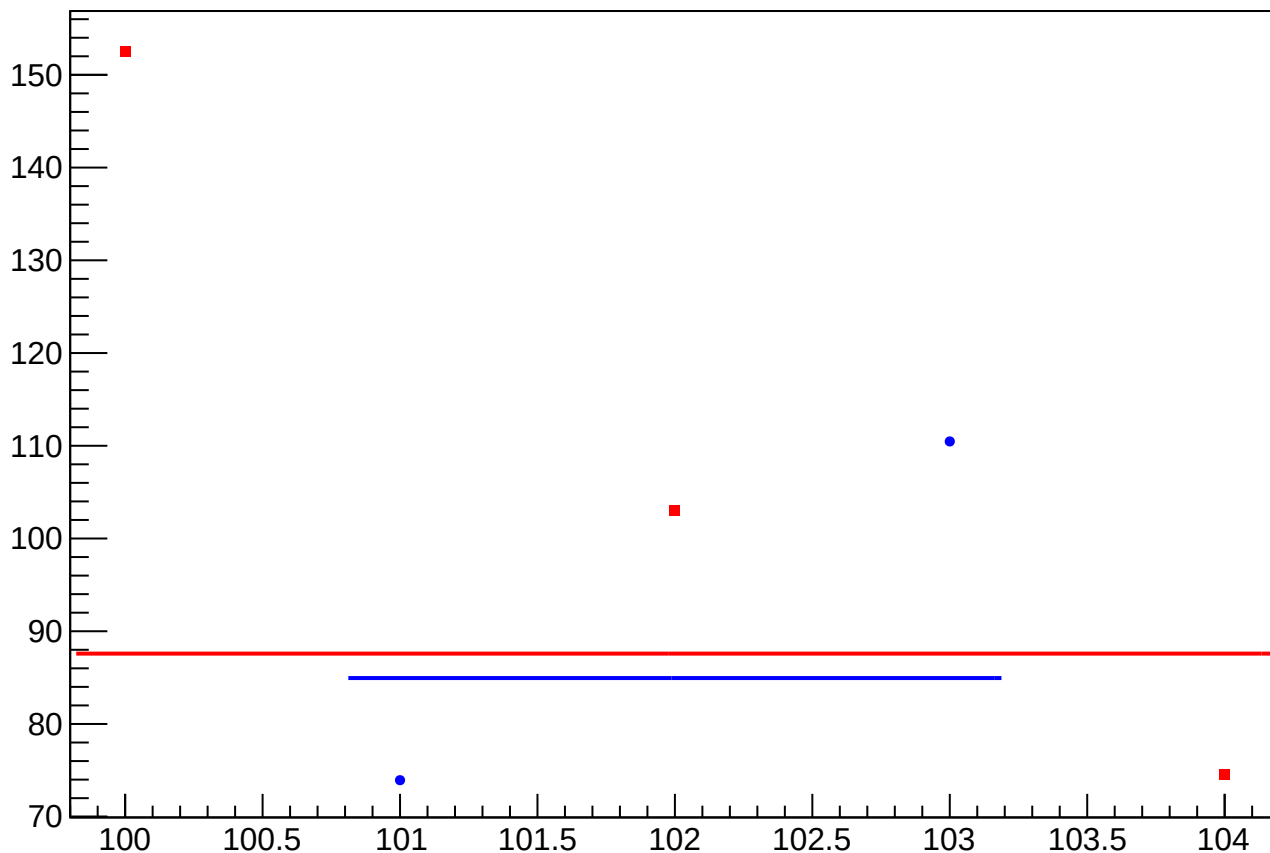
Right: 116.625+/-56.788 χ^2/NDF : 5.0/4

In: 62.140+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.625+/-56.788 χ^2/NDF : 5.0/4

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: 87.588 $\pm$ 0.058 χ^2 /NDF: 83735.9/2

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

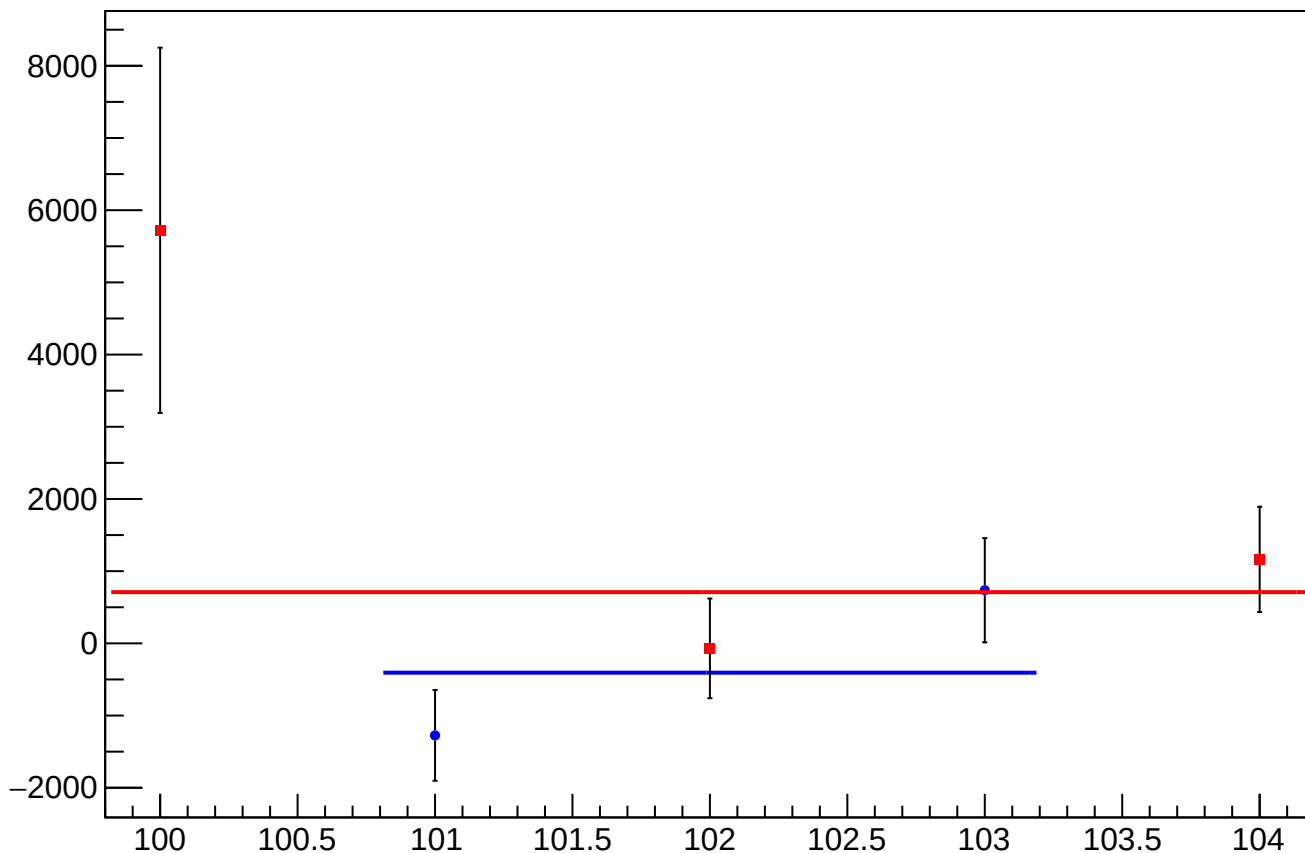
Right: 86.214 $\pm$ 0.040 χ^2 /NDF: 175644.4/4

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: 86.214 $\pm$ 0.040 χ^2 /NDF: 175644.4/4

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: 709.594+/-491.856 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

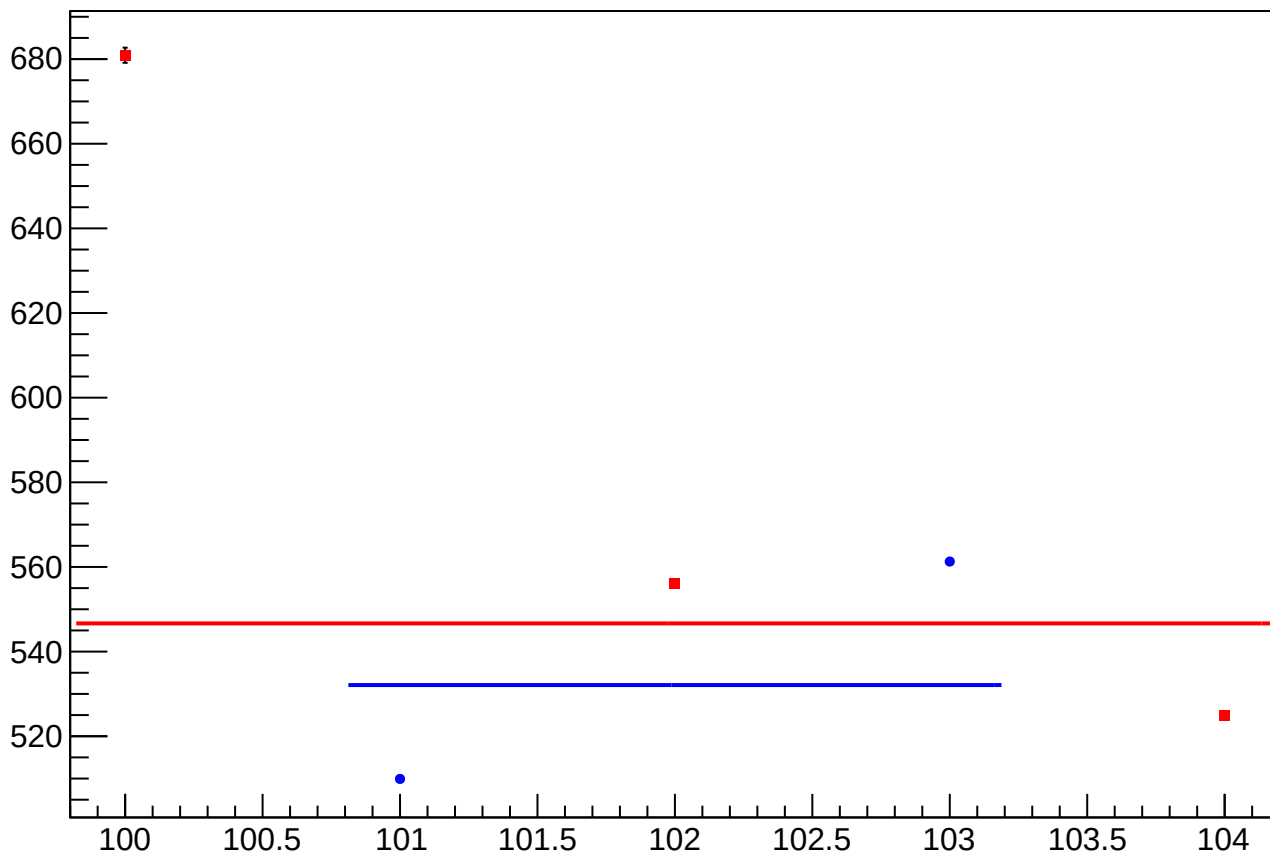
Right: 131.470+/-341.428 χ^2/NDF : 12.7/4

In: -406.177+/-474.326 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.470+/-341.428 χ^2/NDF : 12.7/4

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 532.095+/-0.335 χ^2/NDF : 5752.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.660+/-0.348 χ^2/NDF : 7784.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

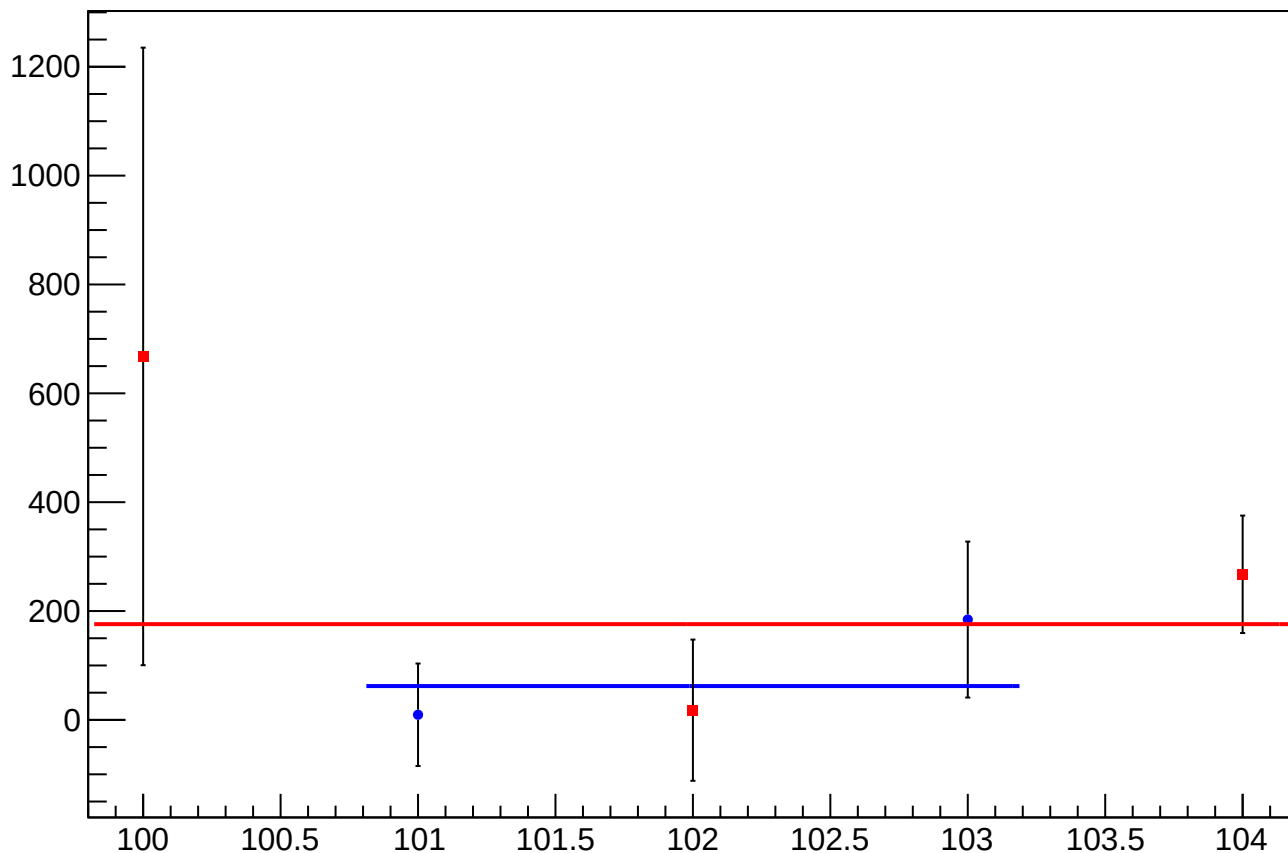
Right: 539.113+/-0.241 χ^2/NDF : 14446.1/4

In: 532.095+/-0.335 χ^2/NDF : 5752.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.113+/-0.241 χ^2/NDF : 14446.1/4

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: 175.936+/-82.070 χ^2/NDF : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

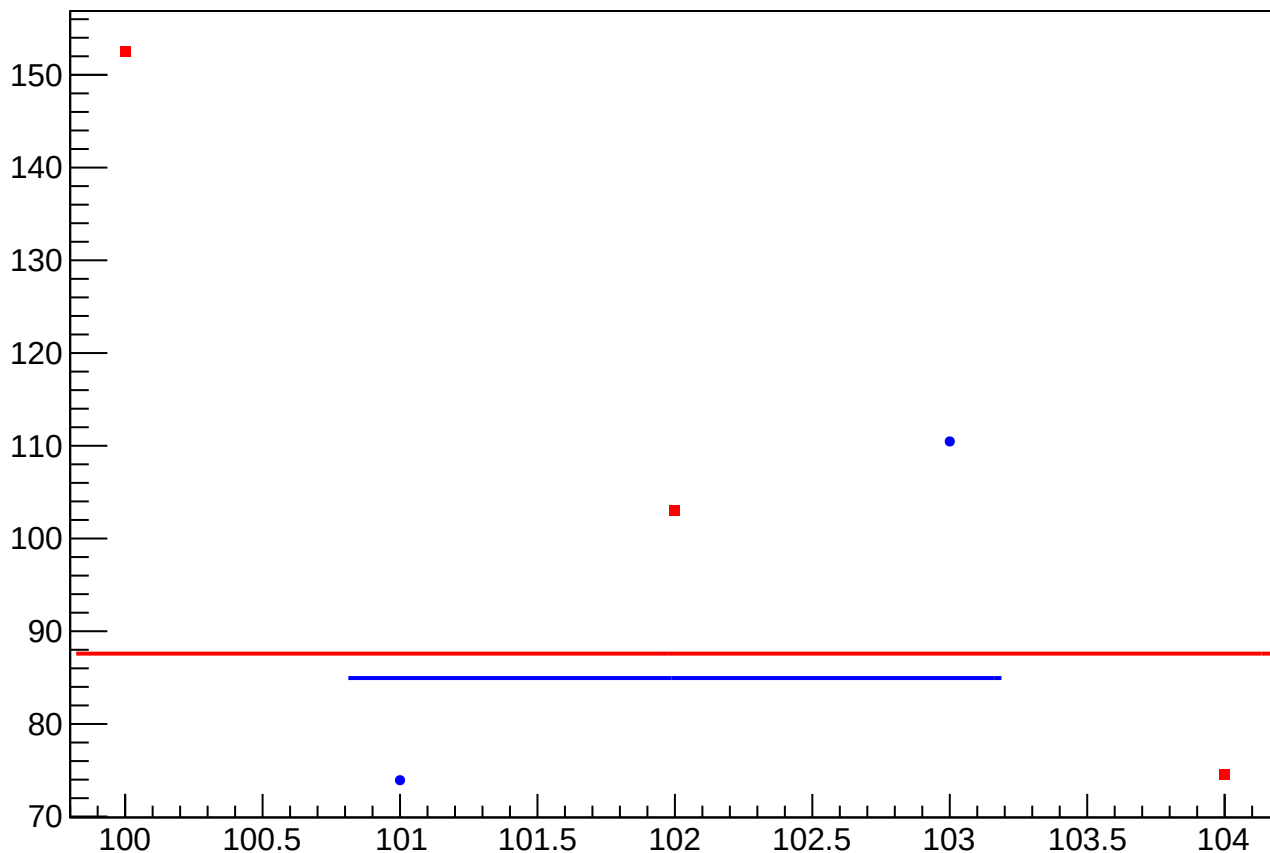
Right: 116.626+/-56.788 χ^2/NDF : 5.0/4

In: 62.142+/-78.660 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.626+/-56.788 χ^2/NDF : 5.0/4

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90830.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.588 $\pm$ 0.058 χ^2 /NDF: 83735.9/2

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

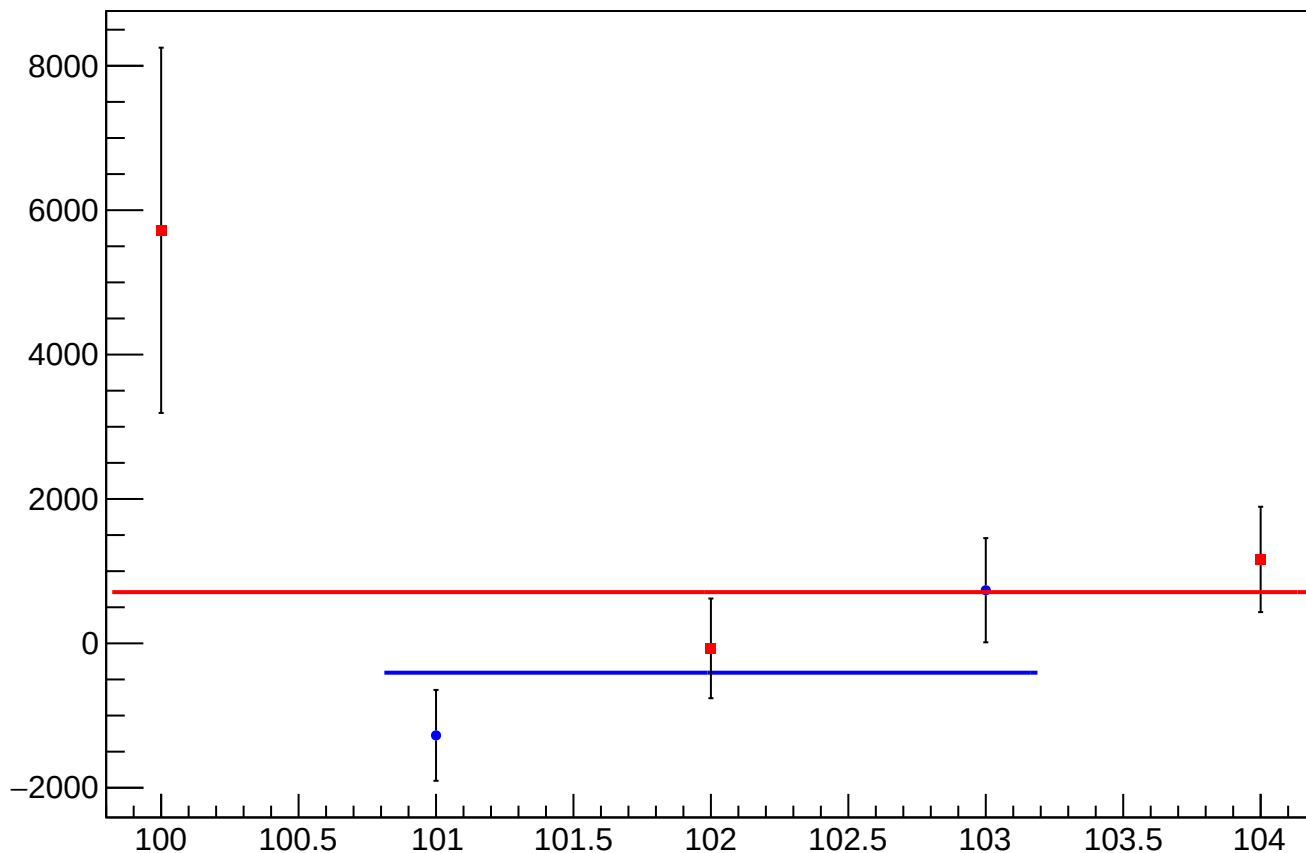
Right: 86.214 $\pm$ 0.040 χ^2 /NDF: 175641.9/4

In: 84.952 $\pm$ 0.056 χ^2 /NDF: 90830.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.214 $\pm$ 0.040 χ^2 /NDF: 175641.9/4

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: 709.594+/-491.856 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

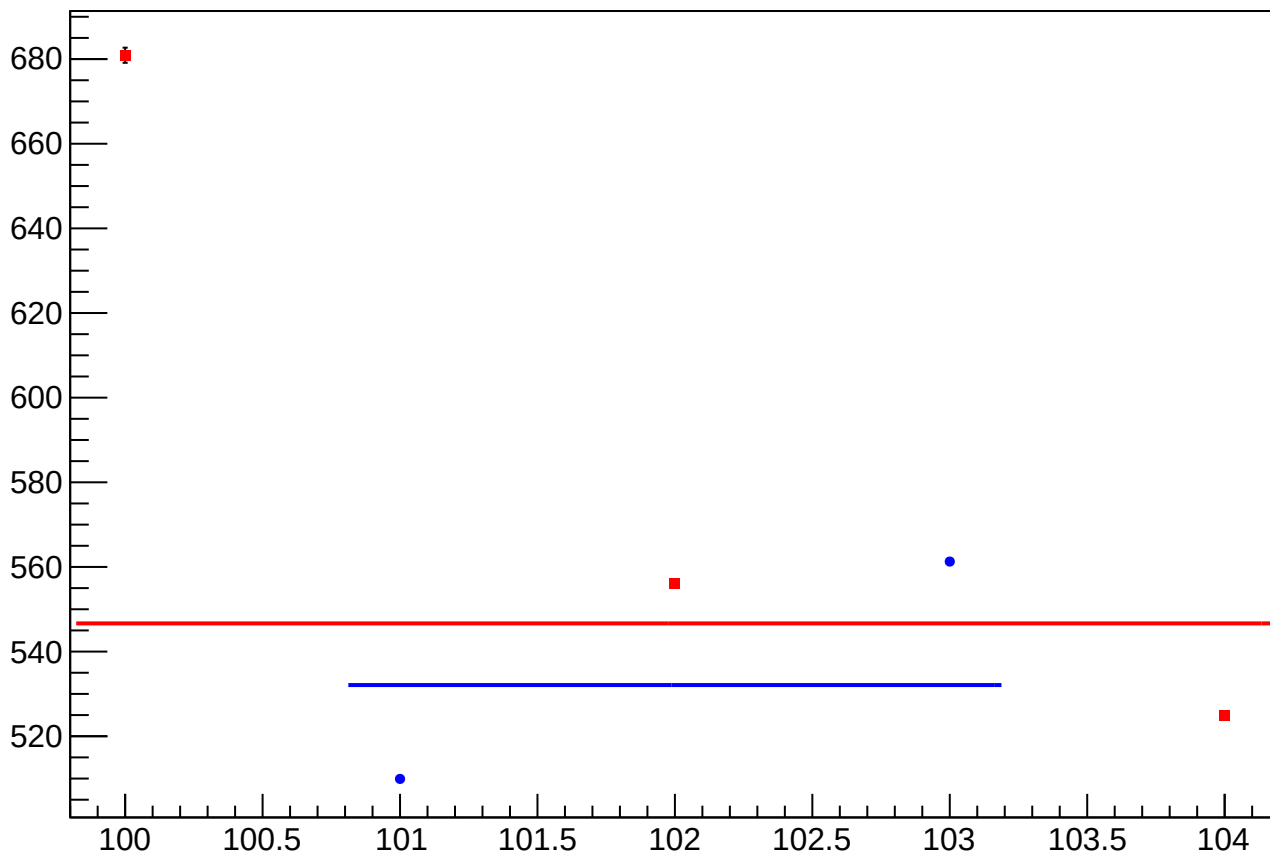
Right: 131.470+/-341.428 χ^2/NDF : 12.7/4

In: -406.177+/-474.325 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.470+/-341.428 χ^2/NDF : 12.7/4

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: 546.660+/-0.348 χ^2/NDF : 7784.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

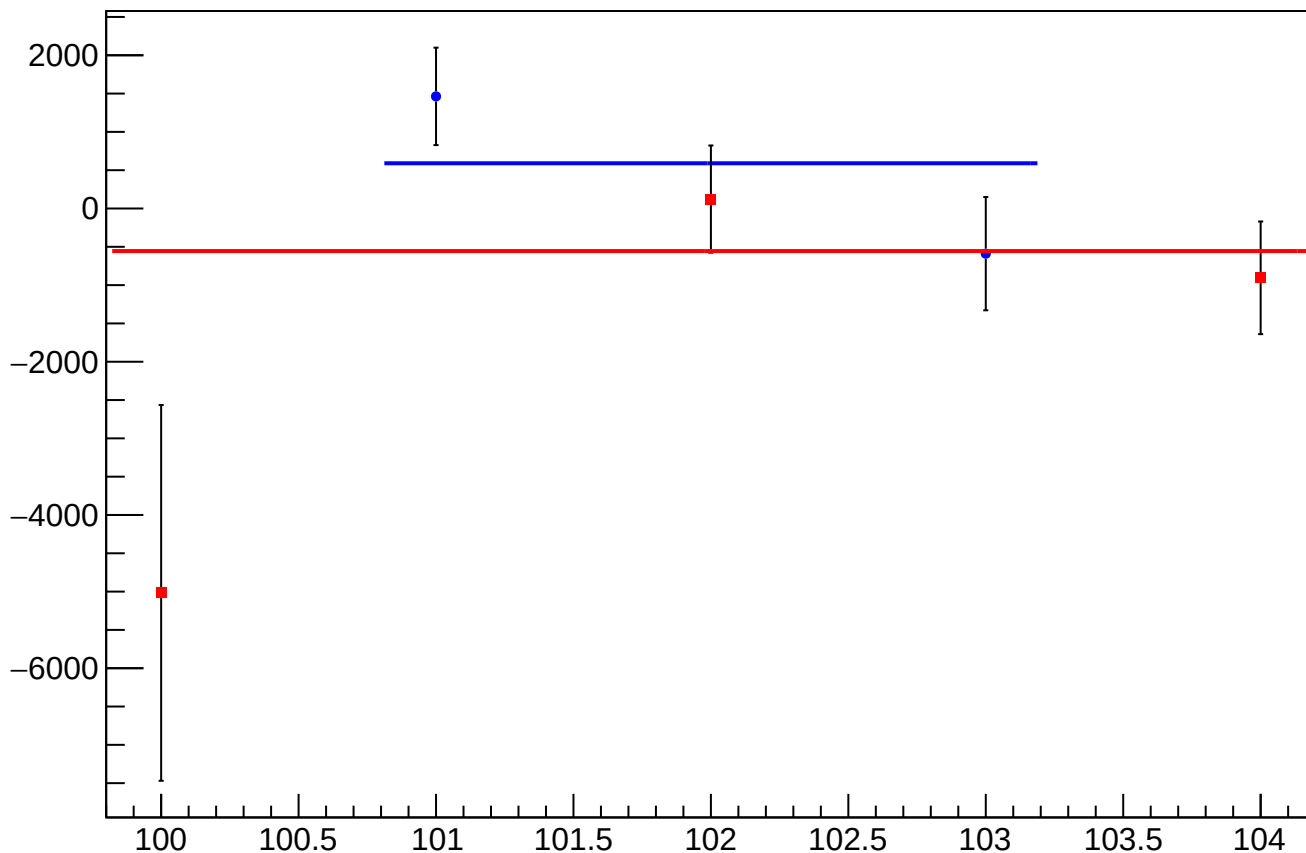
Right: 539.113+/-0.241 χ^2/NDF : 14446.2/4

In: 532.095+/-0.335 χ^2/NDF : 5753.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.113+/-0.241 χ^2/NDF : 14446.2/4

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: -555.504+/-496.133 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

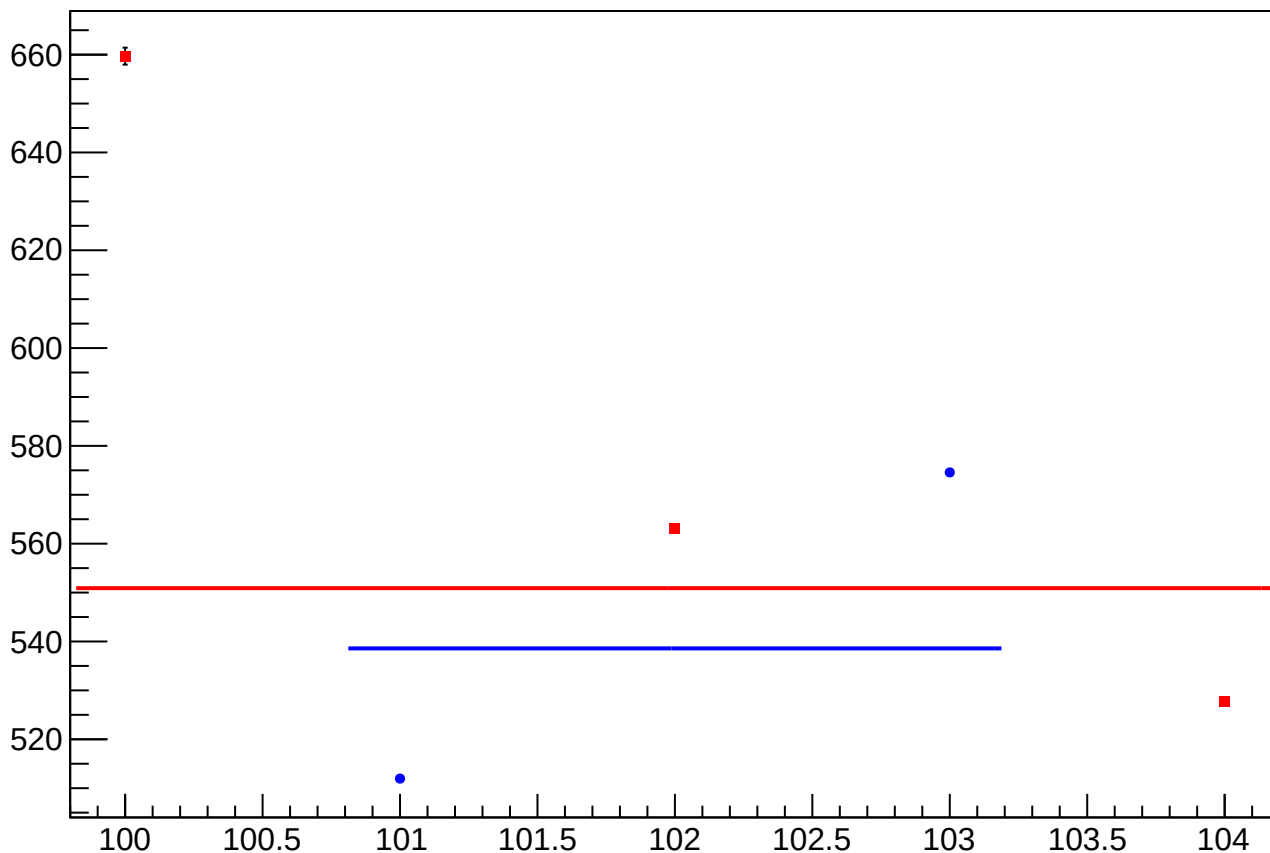
Right: 33.979+/-345.703 χ^2/NDF : 11.7/4

In: 590.288+/-481.970 χ^2/NDF : 4.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.979+/-345.703 χ^2/NDF : 11.7/4

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 538.588 $\pm$ 0.341 χ^2 /NDF: 8250.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 550.902 $\pm$ 0.351 χ^2 /NDF: 6519.0/2

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

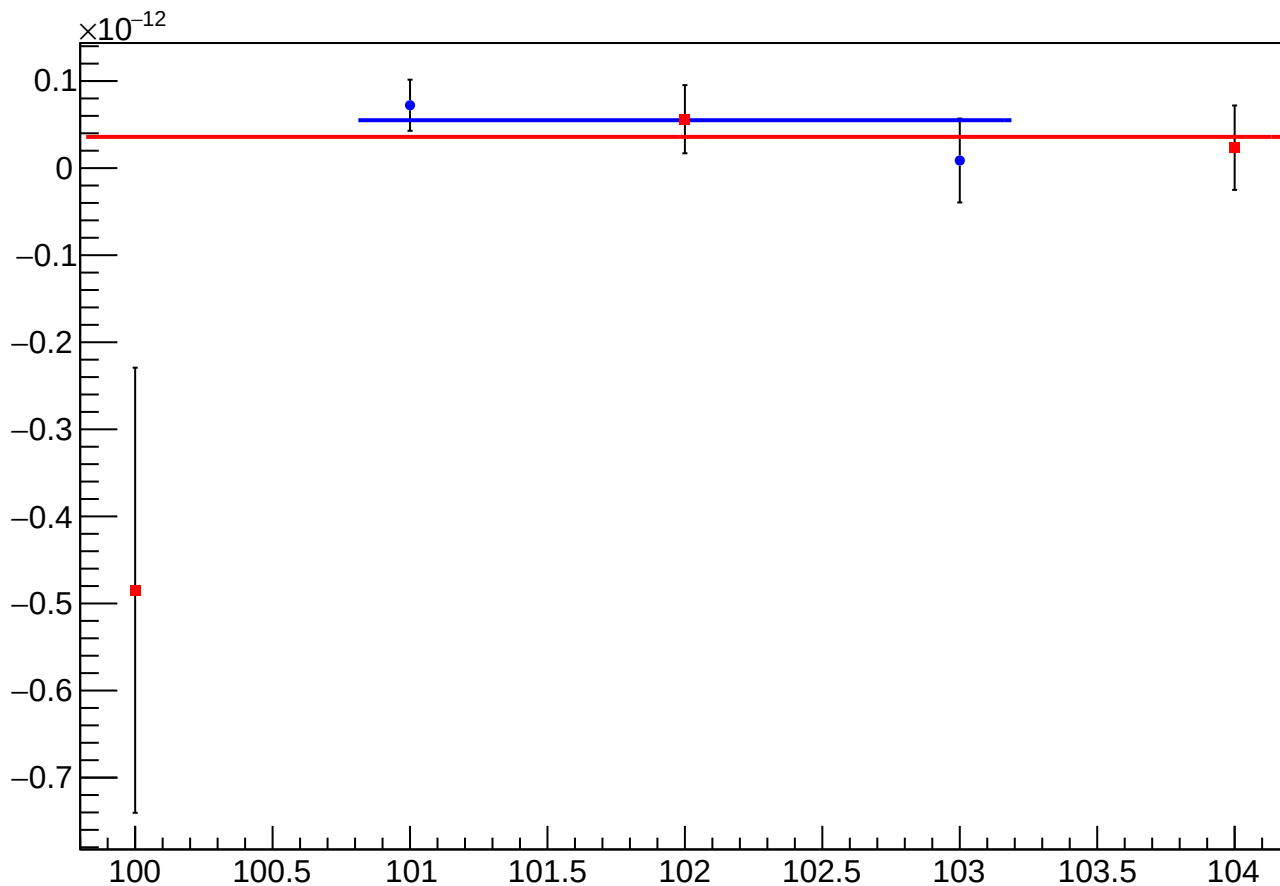
Right: 544.567 $\pm$ 0.244 χ^2 /NDF: 15402.9/4

In: 538.588 $\pm$ 0.341 χ^2 /NDF:8250.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 544.567 $\pm$ 0.244 χ^2 /NDF: 15402.9/4

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 : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

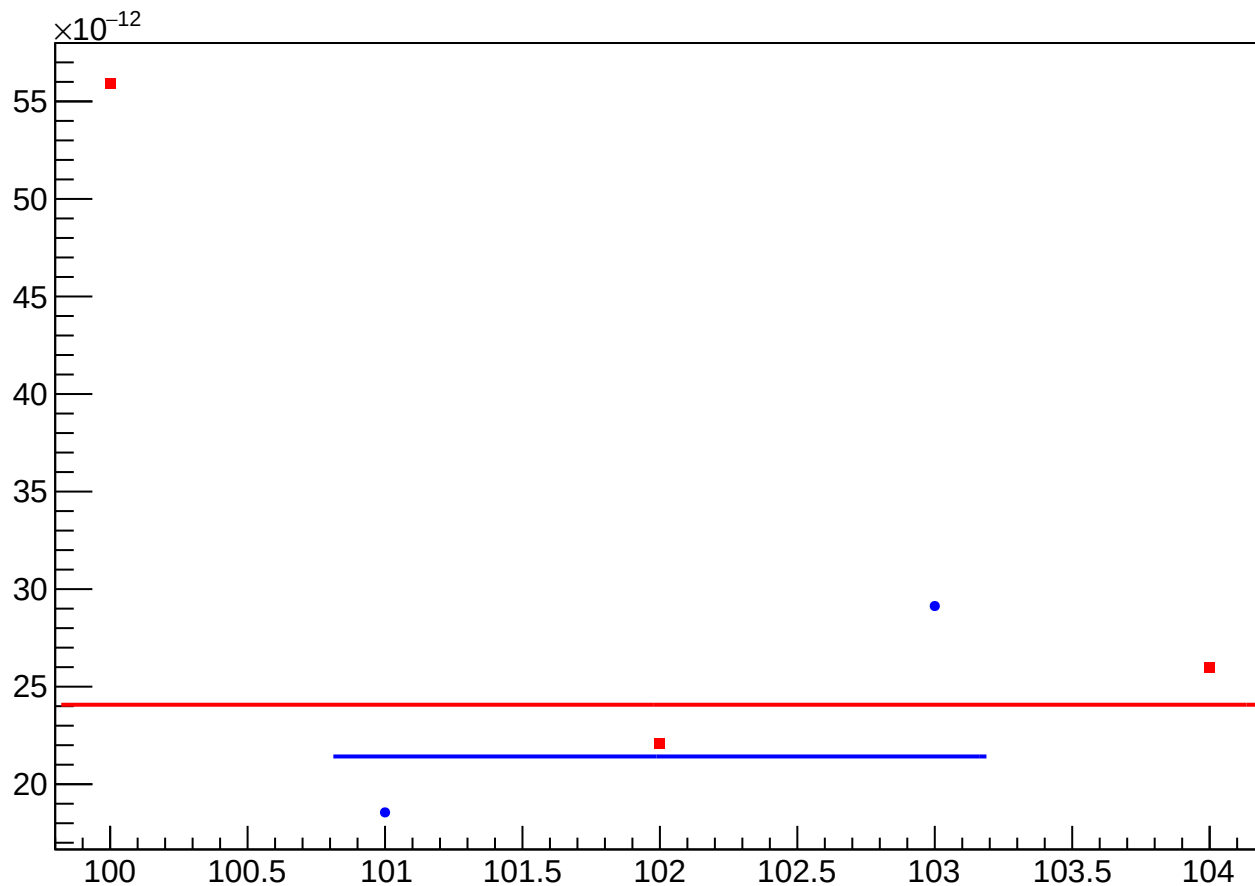
Right: 0.000+/-0.000 χ^2/NDF : 6.0/4

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 : 6.0/4

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 70317.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 39342.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

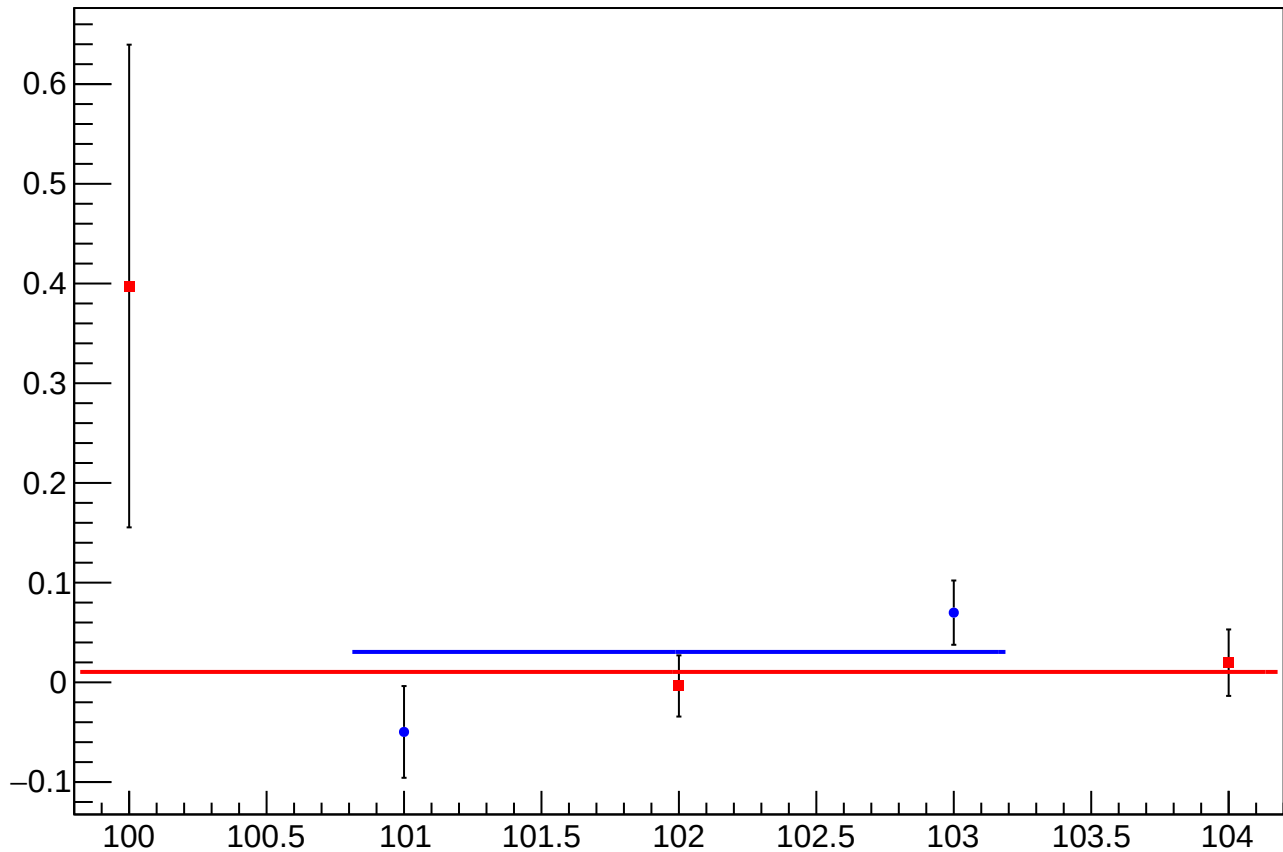
Right: 0.000+/-0.000 χ^2/NDF : 118780.9/4

In: 0.000+/-0.000 χ^2/NDF : 70317.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 118780.9/4

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: 0.010+/-0.022 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

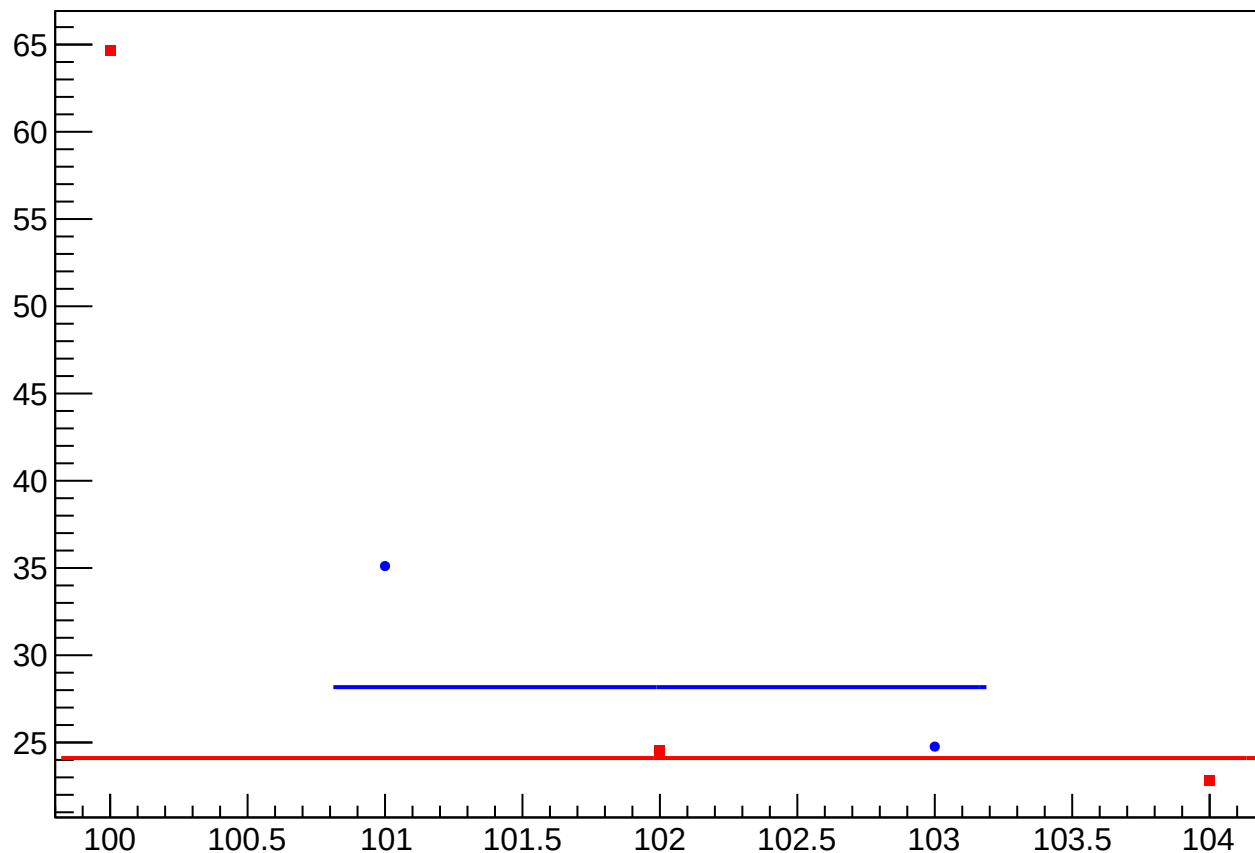
Right: 0.019+/-0.017 χ^2/NDF : 7.7/4

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.017 χ^2/NDF : 7.7/4

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.172+/-0.019 χ^2/NDF : 67841.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.109+/-0.016 χ^2/NDF : 59458.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

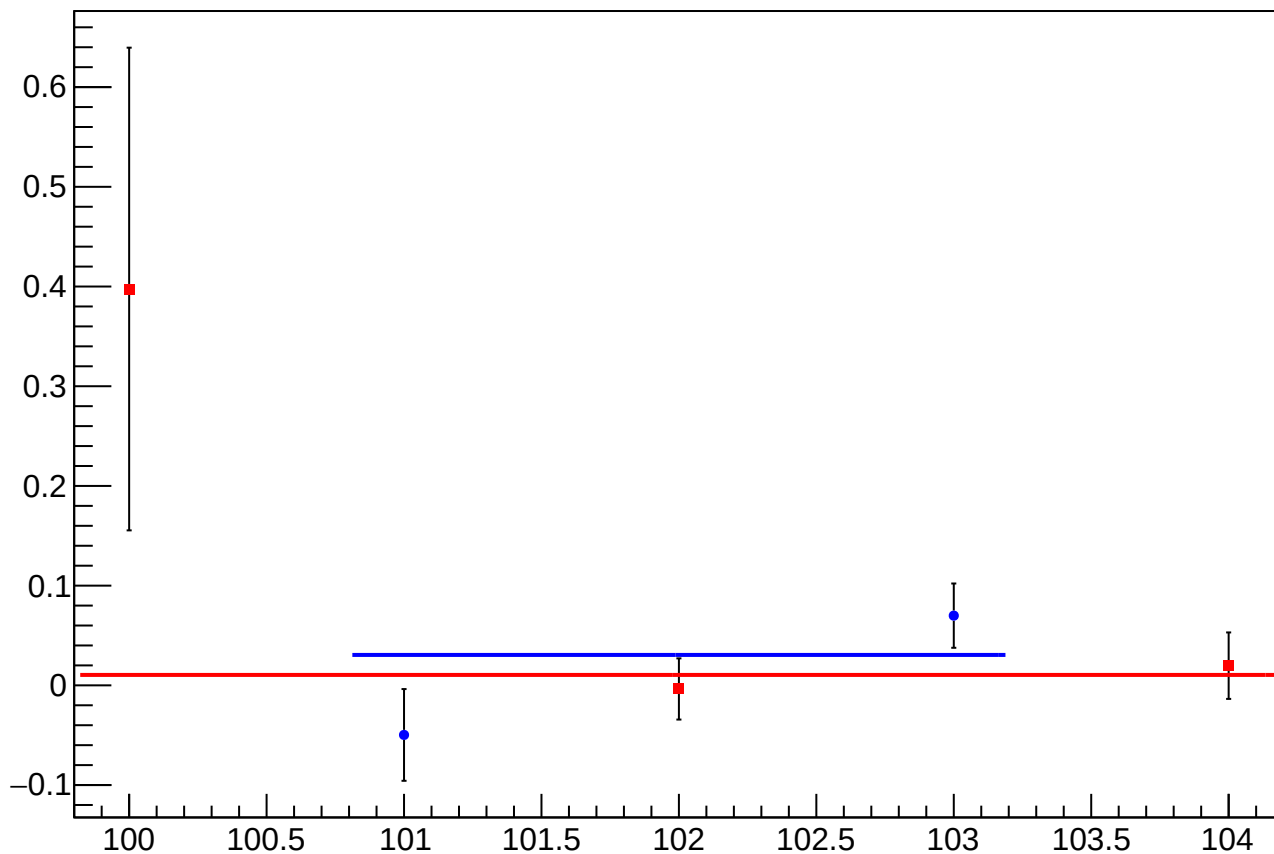
Right: 25.817+/-0.012 χ^2/NDF : 154758.5/4

In: 28.172+/-0.019 χ^2/NDF : 67841.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.817+/-0.012 χ^2/NDF : 154758.5/4

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.026 χ^2 /NDF: 4.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.022 χ^2 /NDF: 2.8/2

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

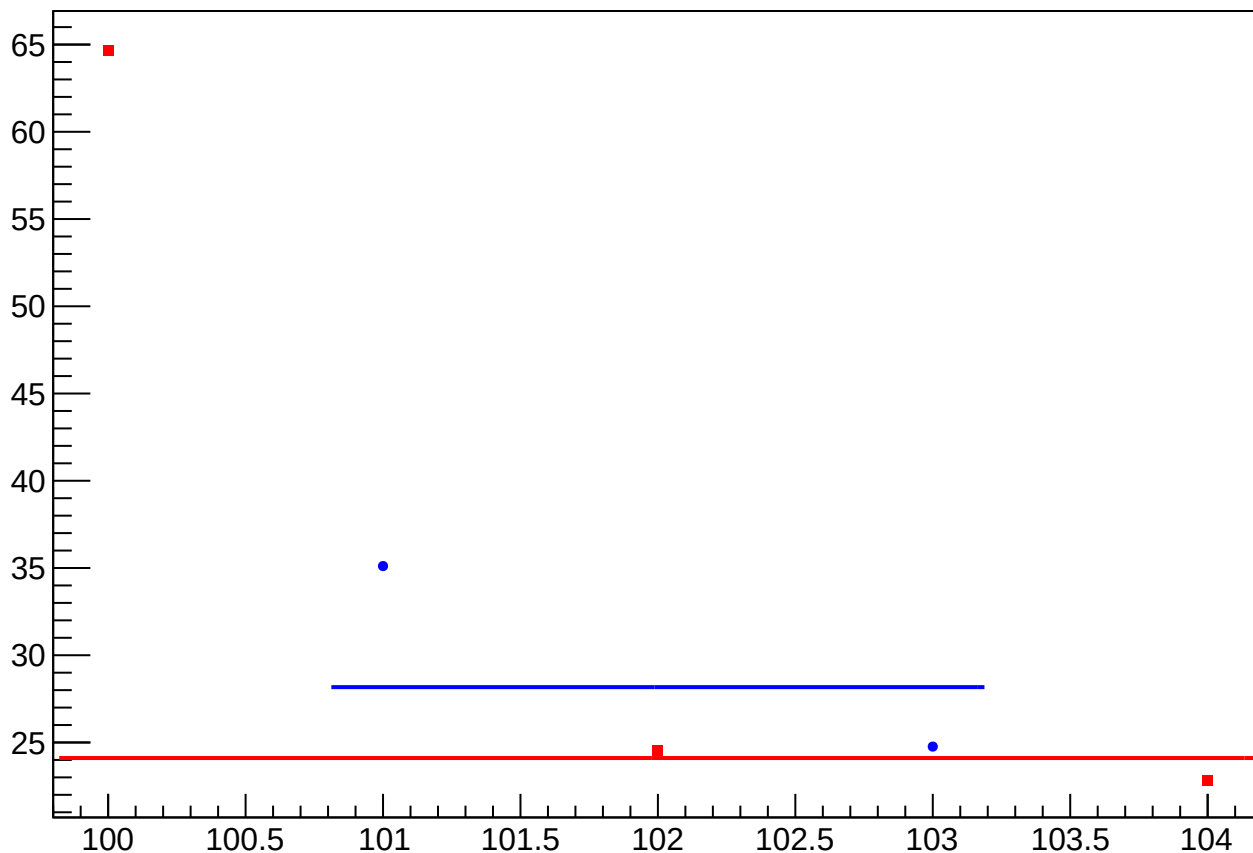
Right: 0.019 $\pm$ 0.017 χ^2 /NDF: 7.7/4

In: 0.031 $\pm$ 0.026 χ^2 /NDF:4.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.017 χ^2 /NDF: 7.7/4

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: 24.109 ± 0.016 $\chi^2/\text{NDF}: 59458.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

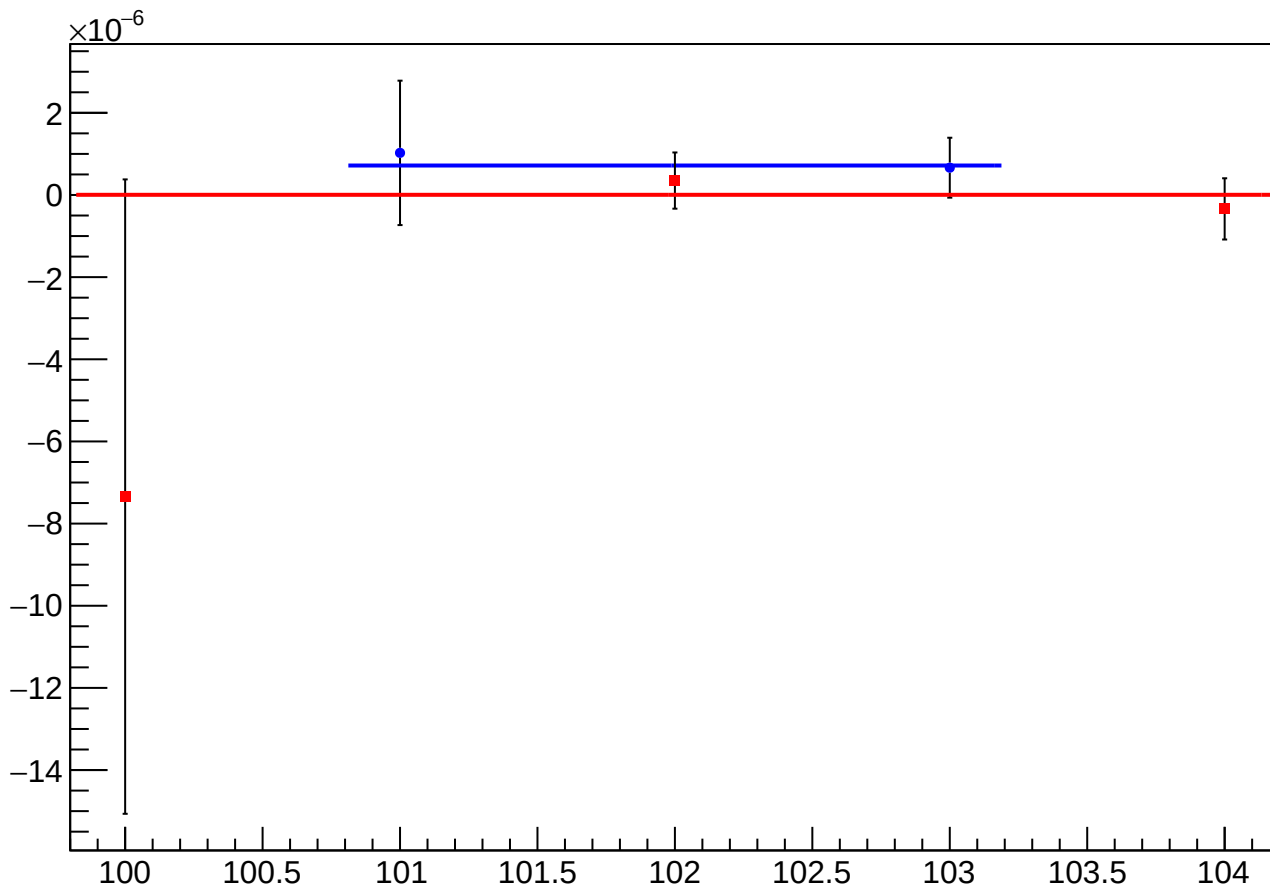
Right: 25.817 ± 0.012 $\chi^2/\text{NDF}: 154758.5/4$

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: 25.817 ± 0.012 $\chi^2/\text{NDF}: 154758.5/4$

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 : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

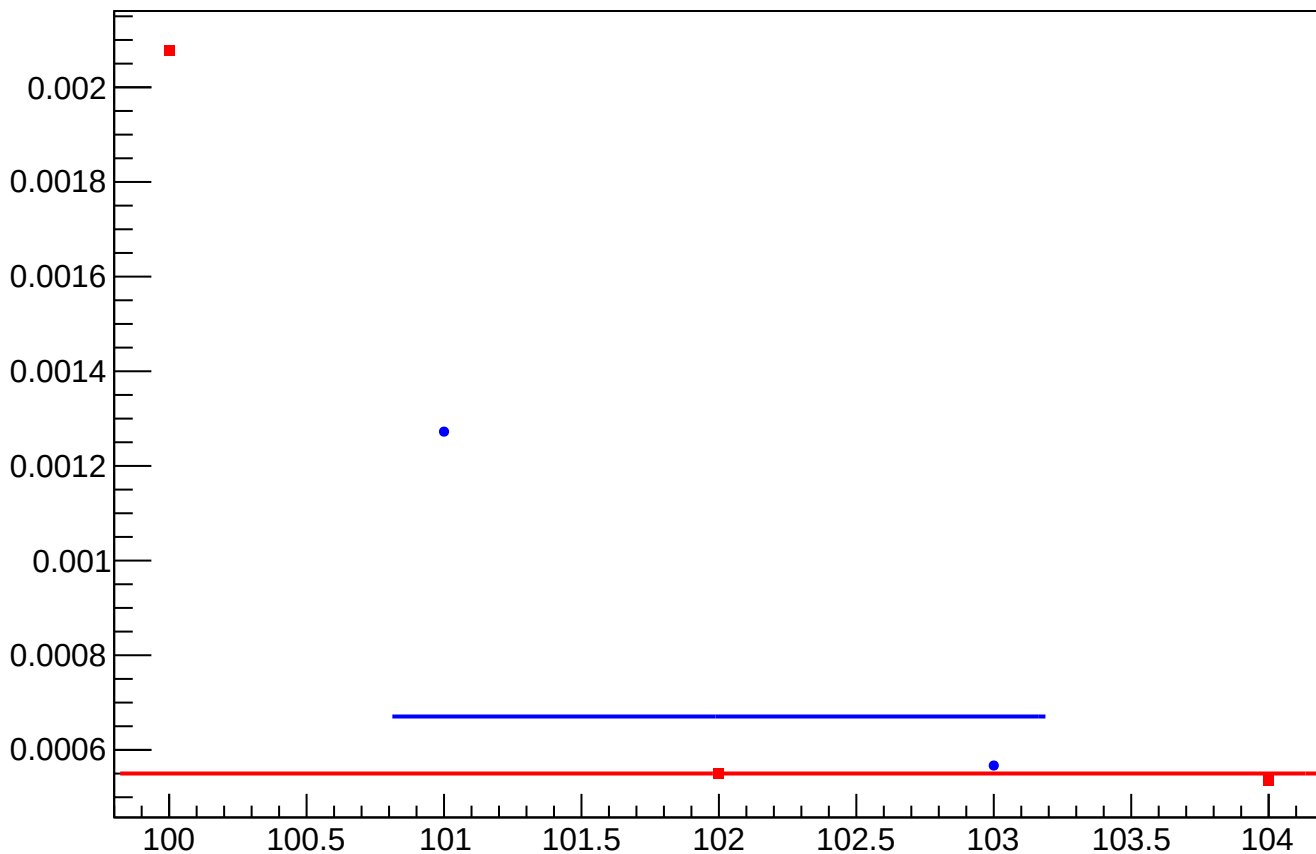
Right: 0.000+/-0.000 χ^2/NDF : 2.1/4

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 : 2.1/4

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 274881.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 79117.9/2

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

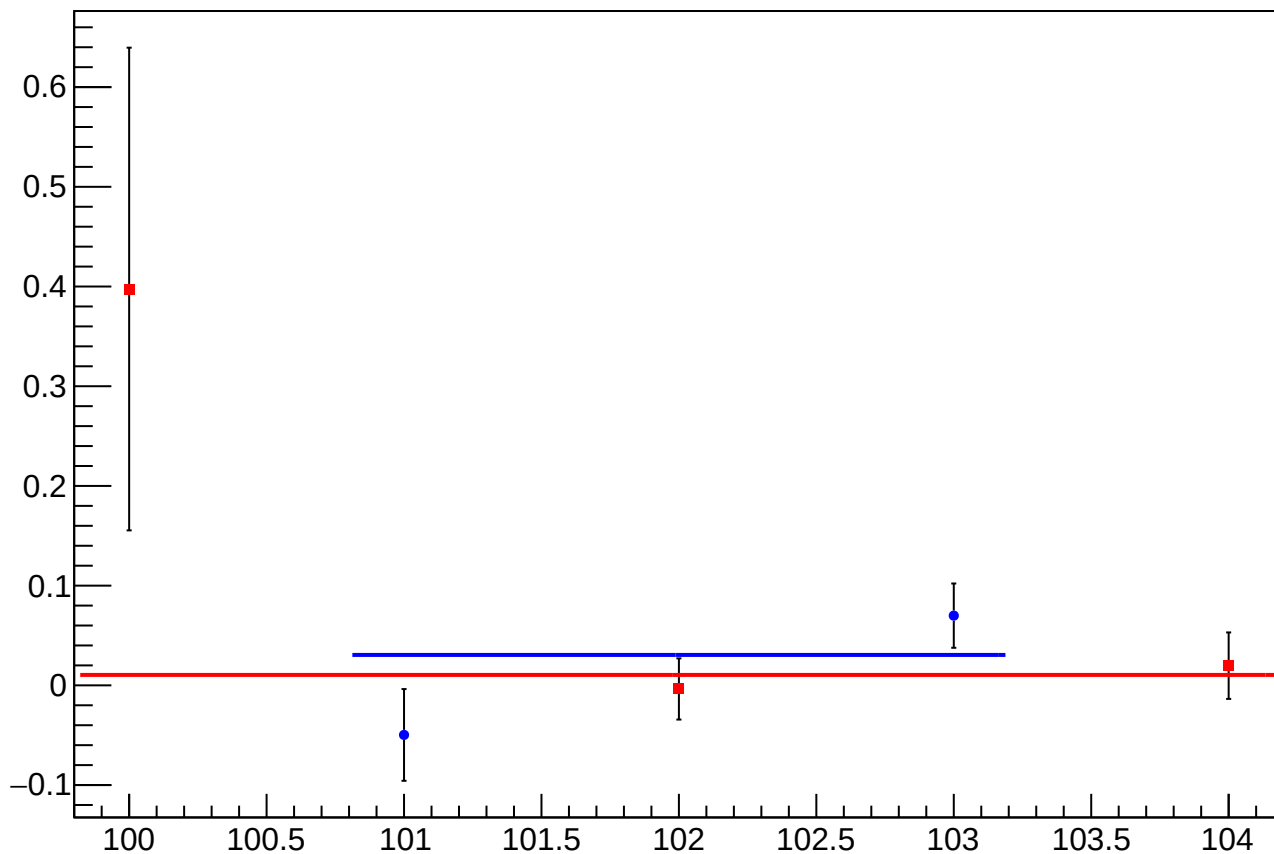
Right: 0.001 $\pm$ 0.000 χ^2 /NDF: 395057.1/4

In: 0.001 $\pm$ 0.000 χ^2 /NDF:274881.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 395057.1/4

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.031 $\pm$ 0.026 χ^2 /NDF: 4.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.022 χ^2 /NDF: 2.8/2

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

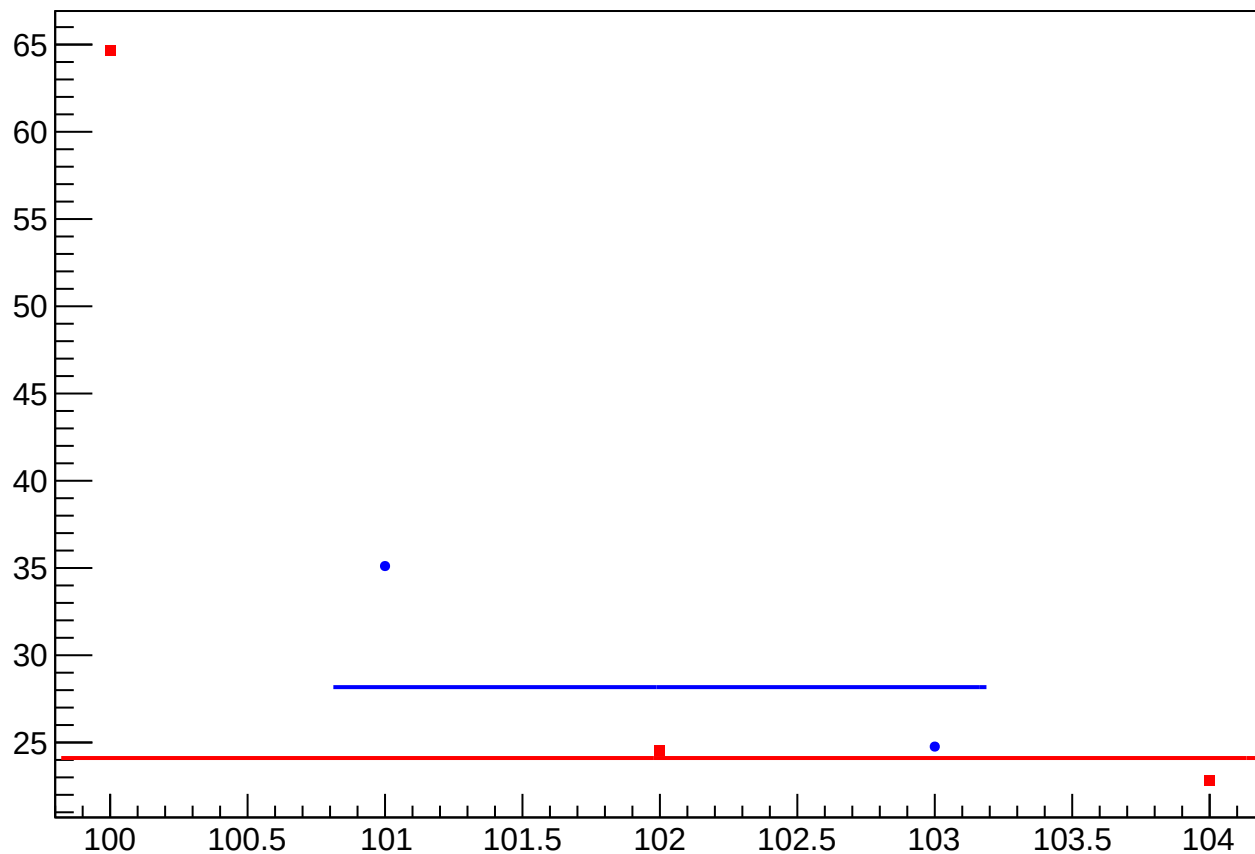
Right: 0.019 $\pm$ 0.017 χ^2 /NDF: 7.7/4

In: 0.031 $\pm$ 0.026 χ^2 /NDF:4.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.019 $\pm$ 0.017 χ^2 /NDF: 7.7/4

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.109+/-0.016 χ^2/NDF : 59457.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

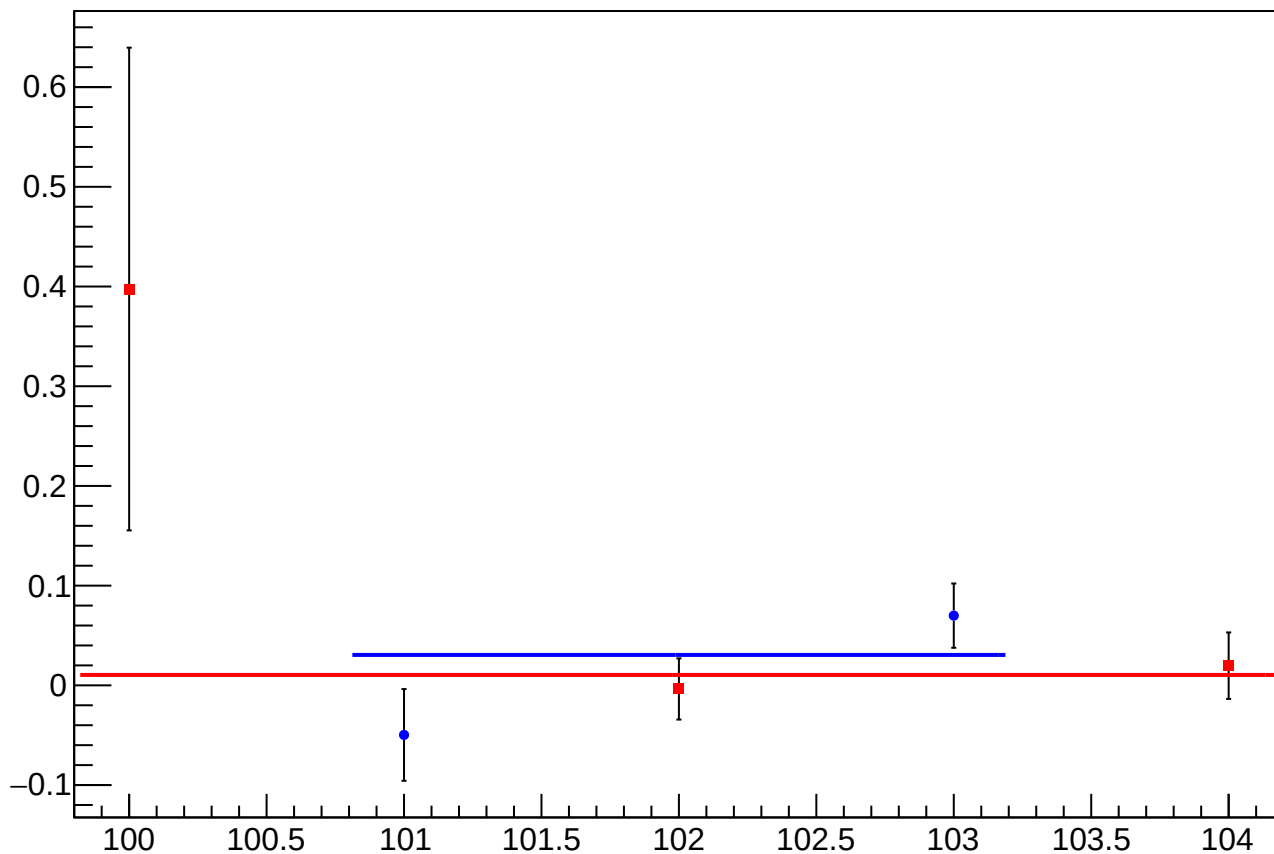
Right: 25.817+/-0.012 χ^2/NDF : 154767.3/4

In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.817+/-0.012 χ^2/NDF : 154767.3/4

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: 0.010+/-0.022 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

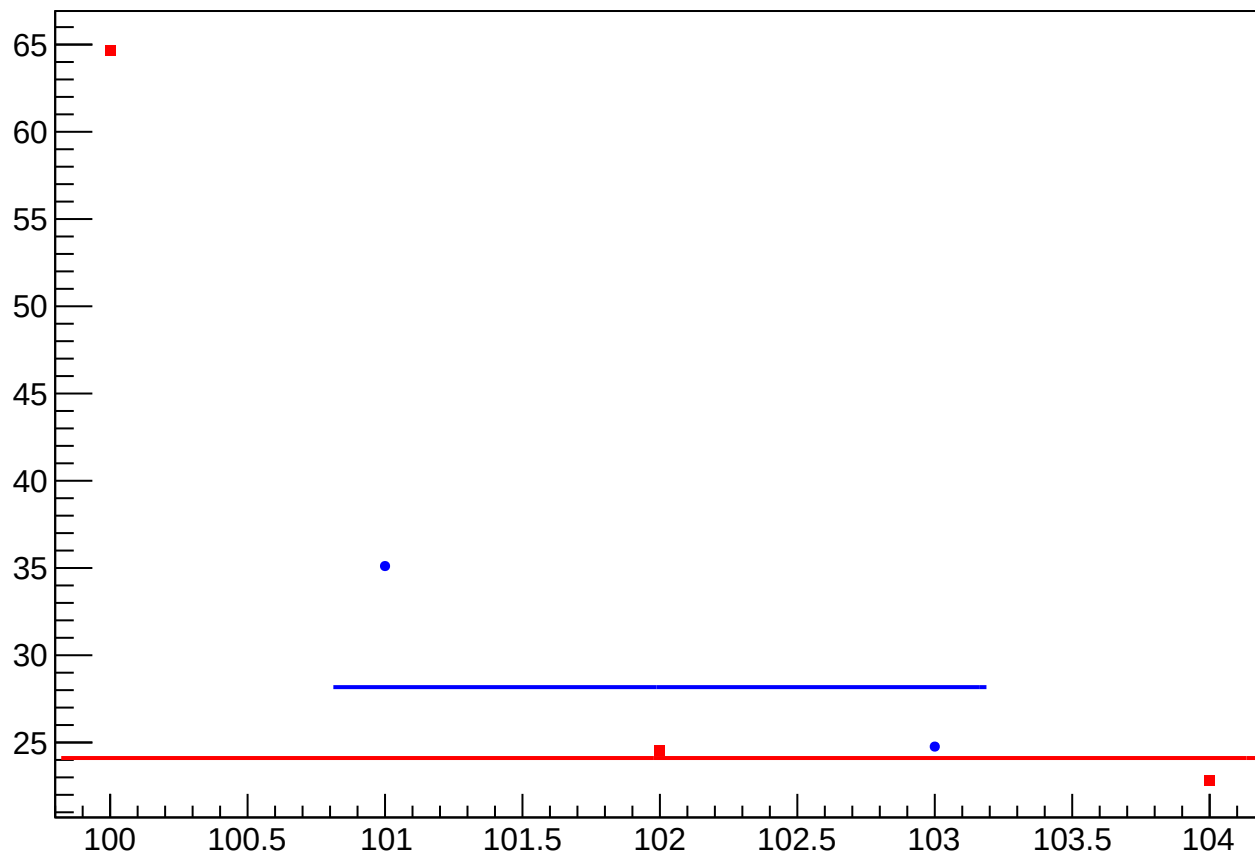
Right: 0.019+/-0.017 χ^2/NDF : 7.7/4

In: 0.031+/-0.026 χ^2/NDF : 4.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.017 χ^2/NDF : 7.7/4

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: 24.109+/-0.016 χ^2/NDF : 59457.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

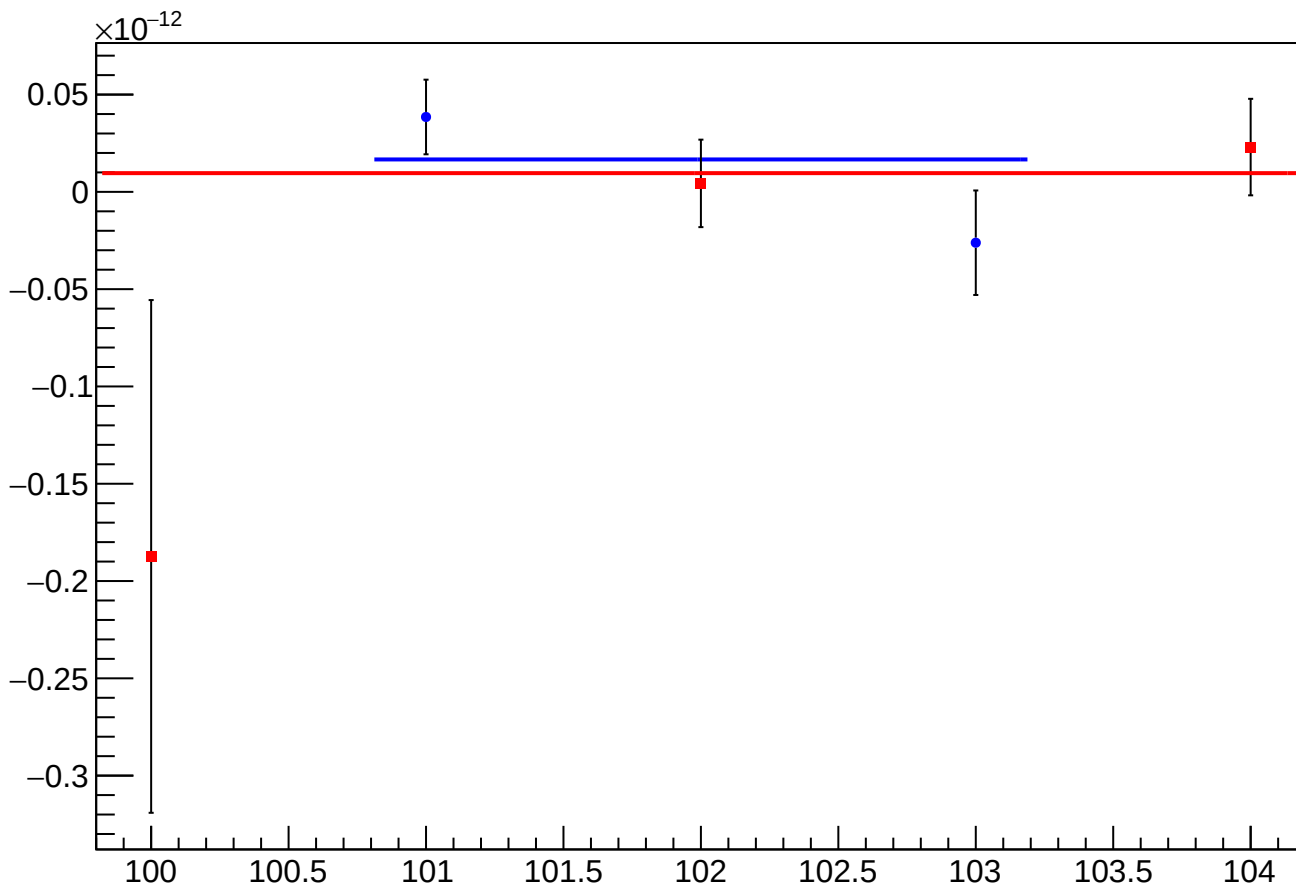
Right: 25.817+/-0.012 χ^2/NDF : 154767.3/4

In: 28.173+/-0.019 χ^2/NDF : 67848.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.817+/-0.012 χ^2/NDF : 154767.3/4

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 : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

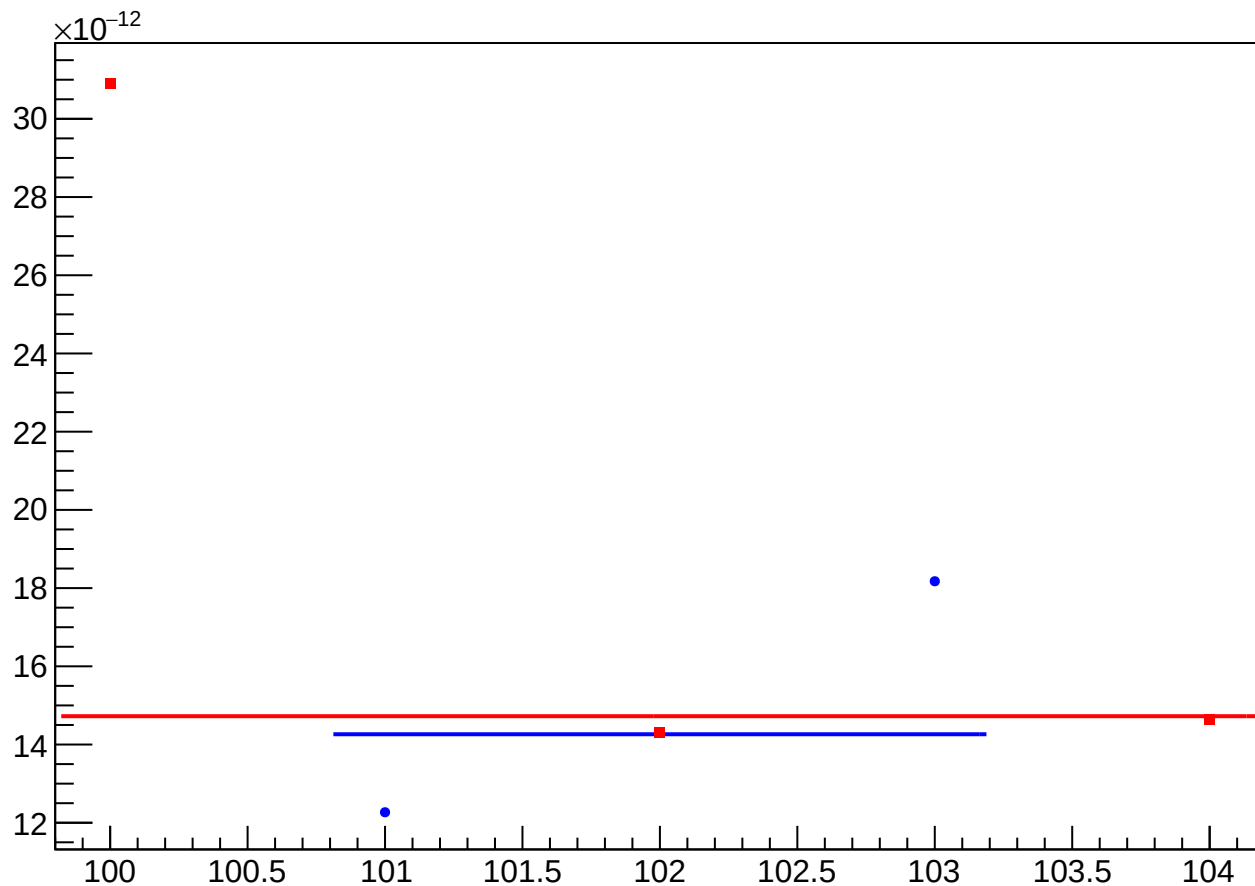
Right: 0.000+/-0.000 χ^2/NDF : 6.5/4

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 : 6.5/4

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 : 30863.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

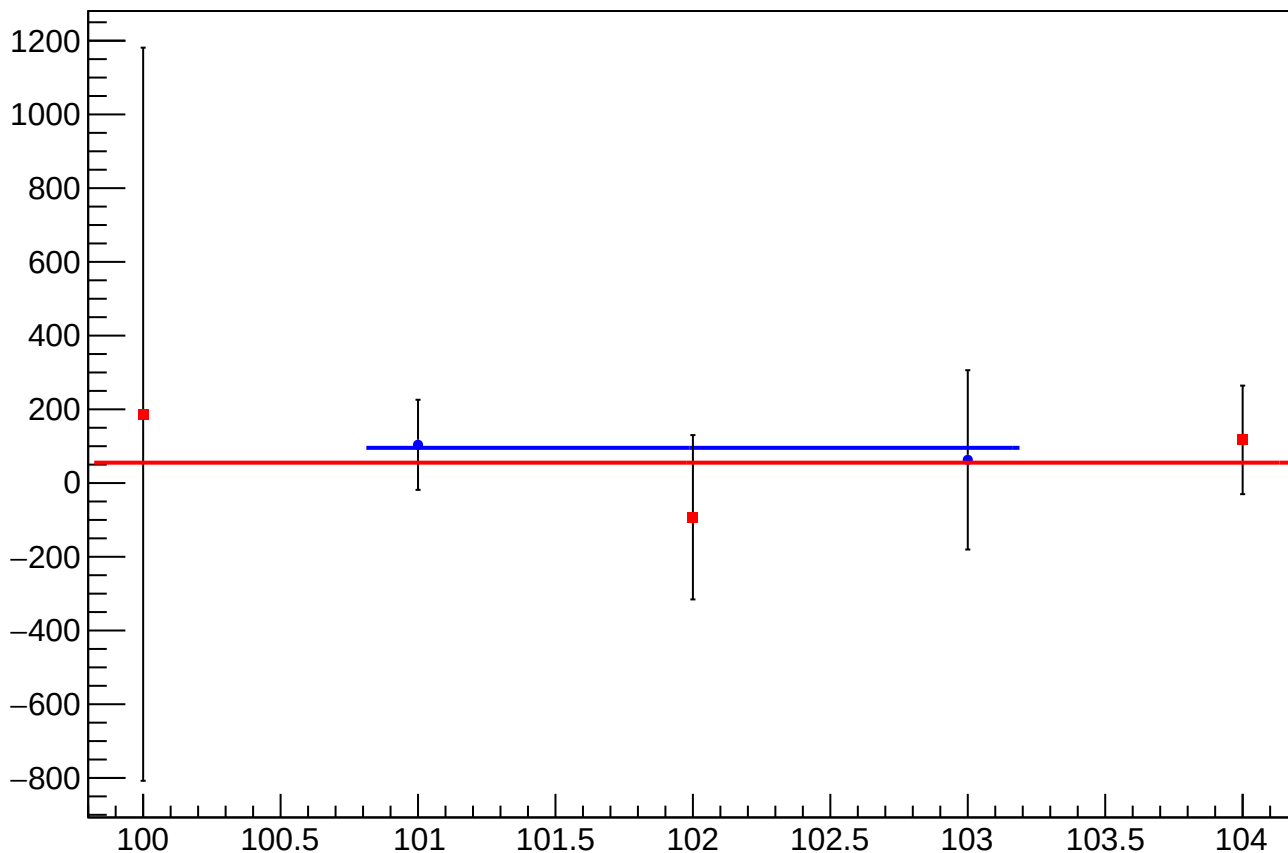
Right: 0.000+/-0.000 χ^2/NDF : 95783.6/4

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 : 95783.6/4

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: 55.347+/-121.917 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

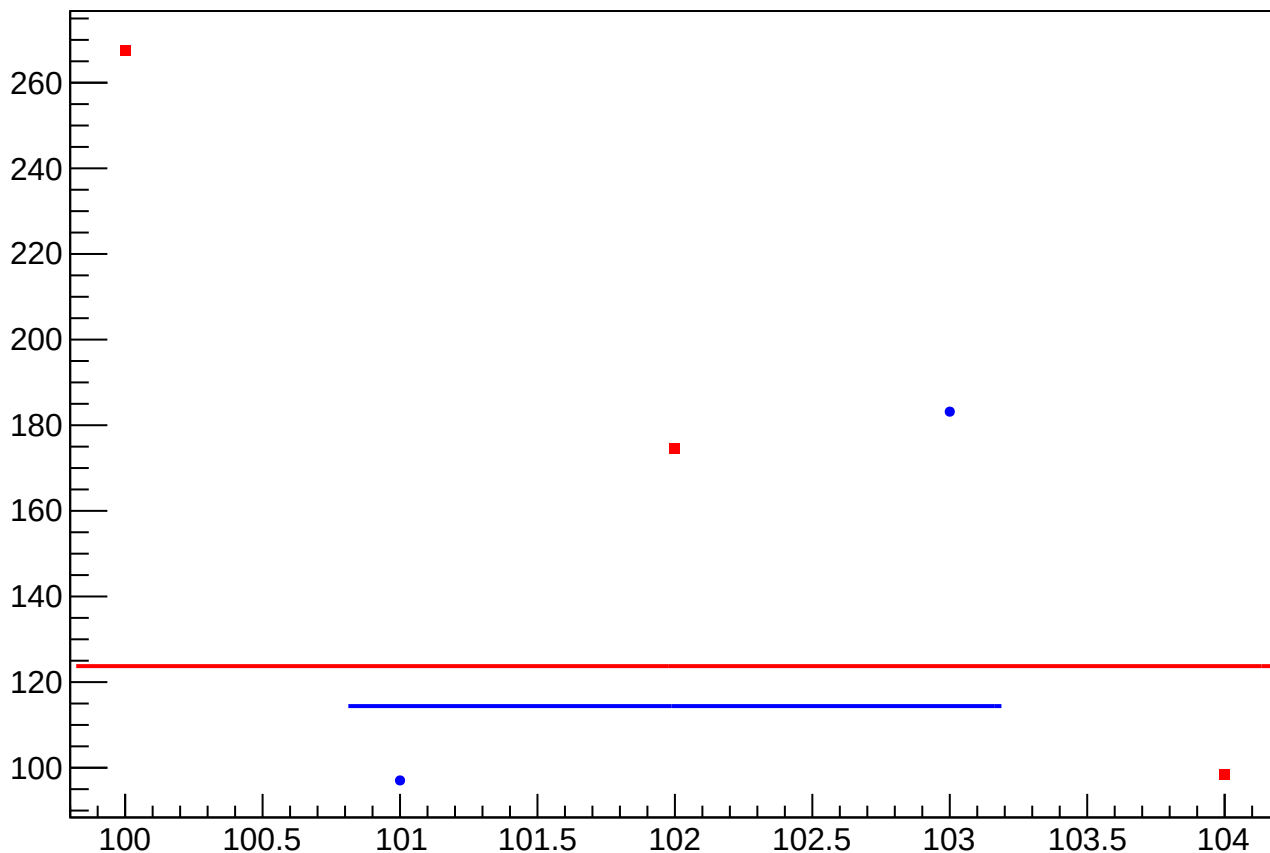
Right: 77.643+/-81.342 χ^2/NDF : 0.7/4

In: 95.530+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.643+/-81.342 χ^2/NDF : 0.7/4

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 114.401 $\pm$ 0.077 χ^2 /NDF: 200255.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.736 $\pm$ 0.086 χ^2 /NDF: 205225.4/2

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

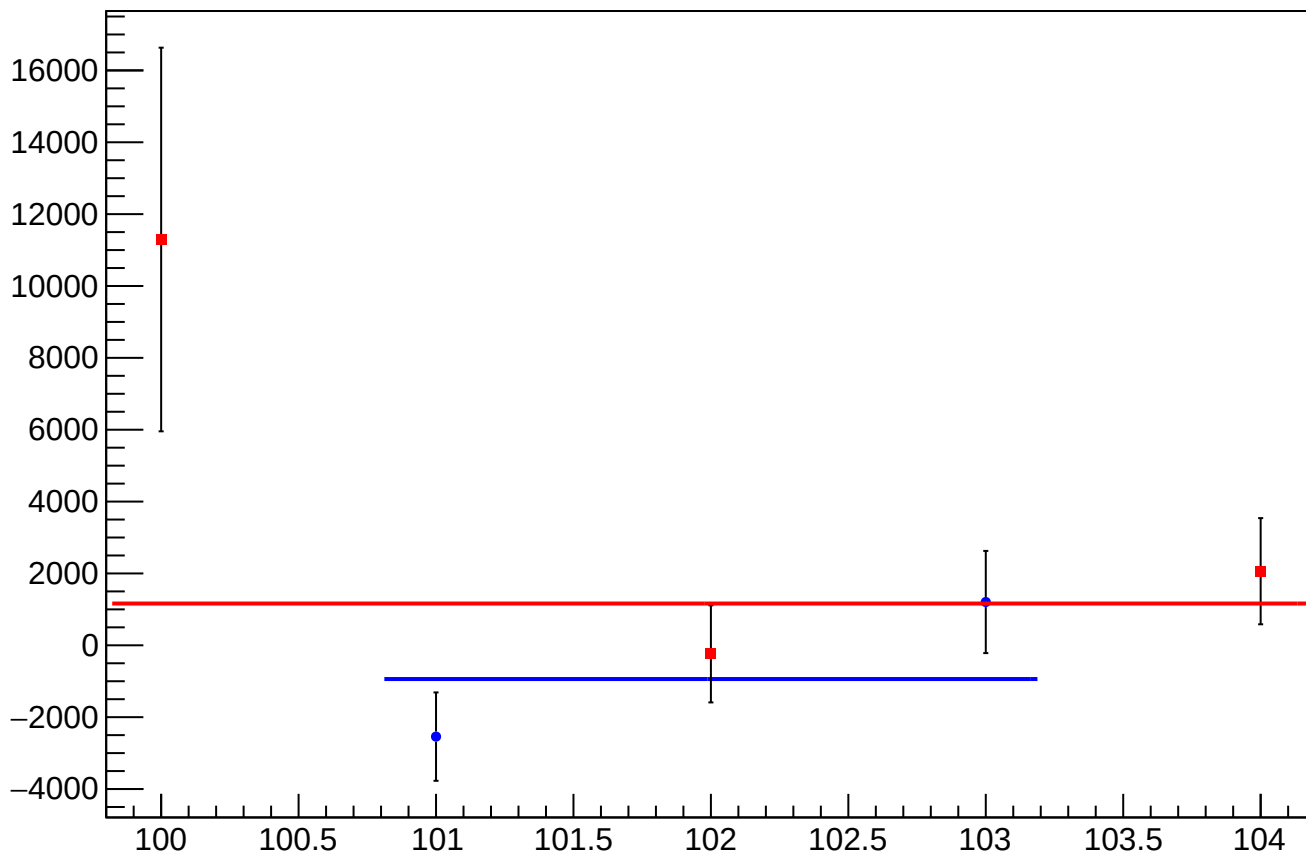
Right: 118.556 $\pm$ 0.058 χ^2 /NDF: 411986.3/4

In: 114.401 $\pm$ 0.077 χ^2 /NDF:200255.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 118.556 $\pm$ 0.058 χ^2 /NDF: 411986.3/4

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: 1162.561+/-980.148 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

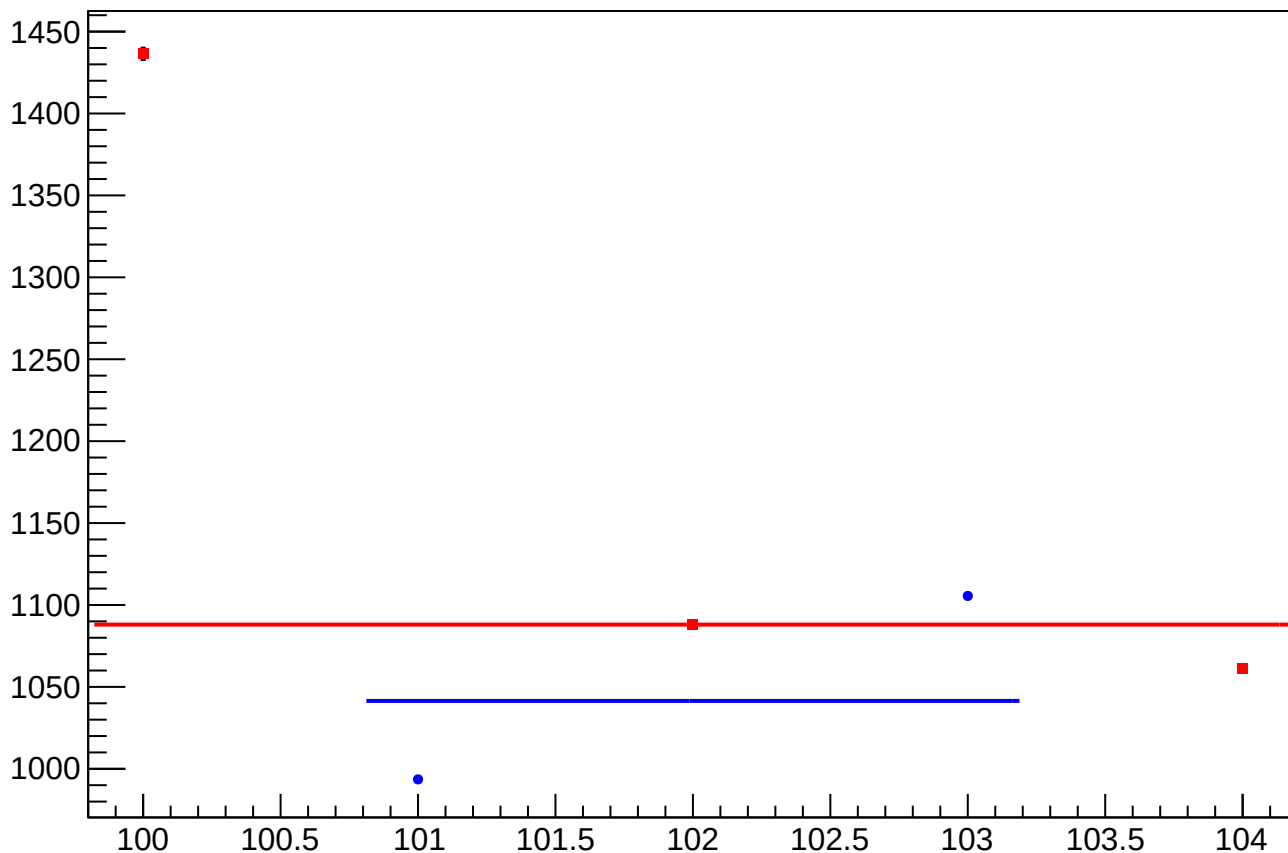
Right: 56.963+/-674.720 χ^2/NDF : 11.4/4

In: -938.839+/-930.207 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.963+/-674.720 χ^2/NDF : 11.4/4

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: 1088.030+/-0.693 χ^2/NDF : 9161.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

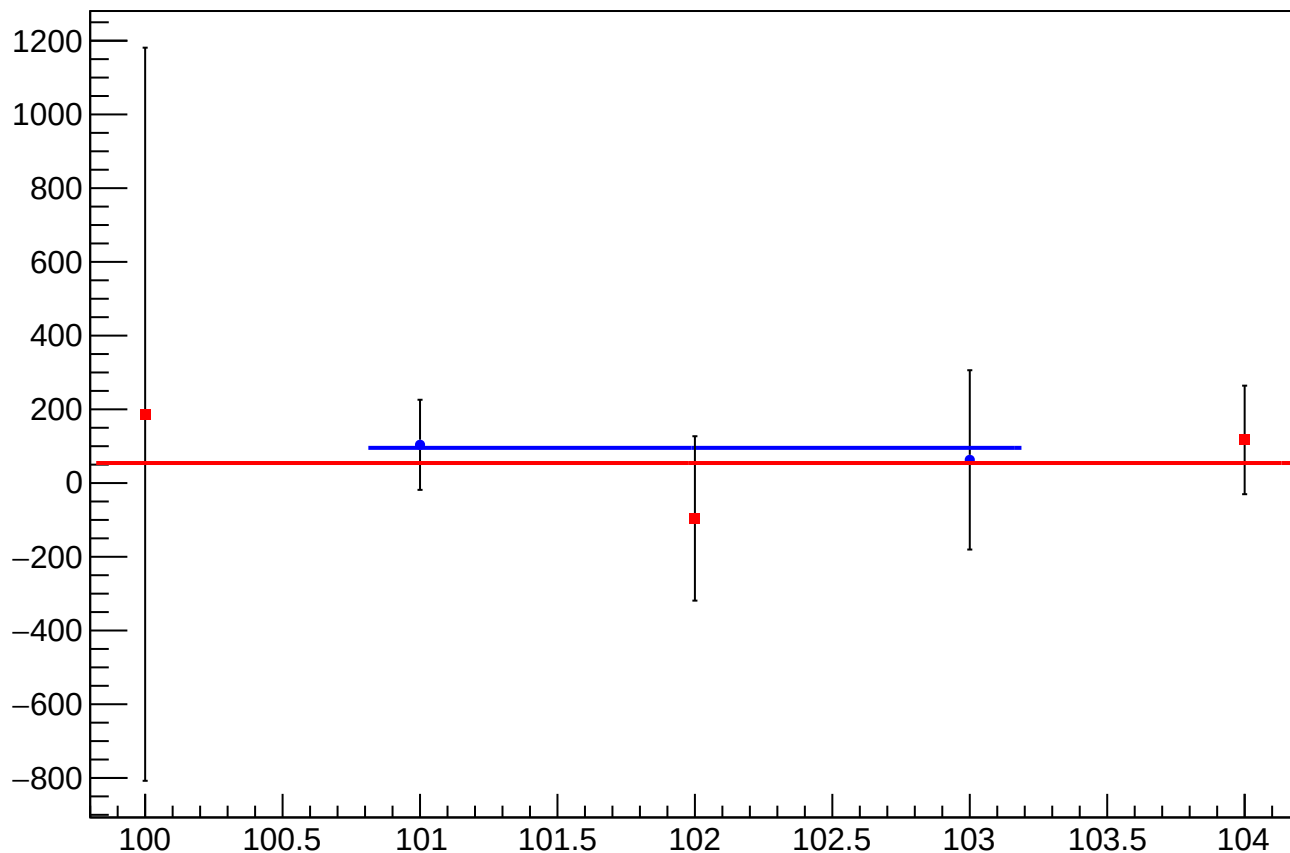
Right: 1063.526+/-0.477 χ^2/NDF : 18631.2/4

In: 1041.455+/-0.658 χ^2/NDF : 7093.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1063.526+/-0.477 χ^2/NDF : 18631.2/4

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.388+/-121.935 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

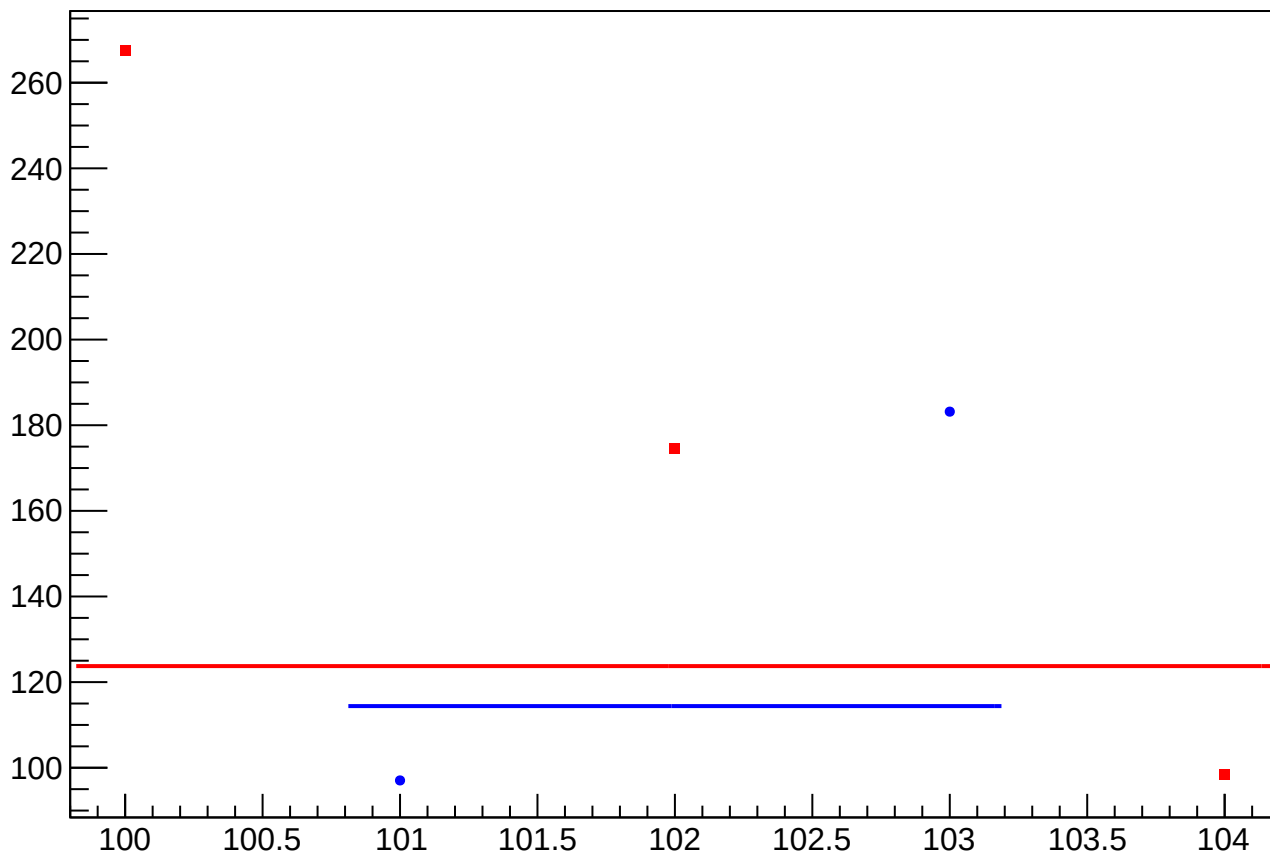
Right: 77.209+/-81.347 χ^2/NDF : 0.7/4

In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.209+/-81.347 χ^2/NDF : 0.7/4

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: 123.743 $\pm$ 0.086 χ^2 /NDF: 205428.8/2

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

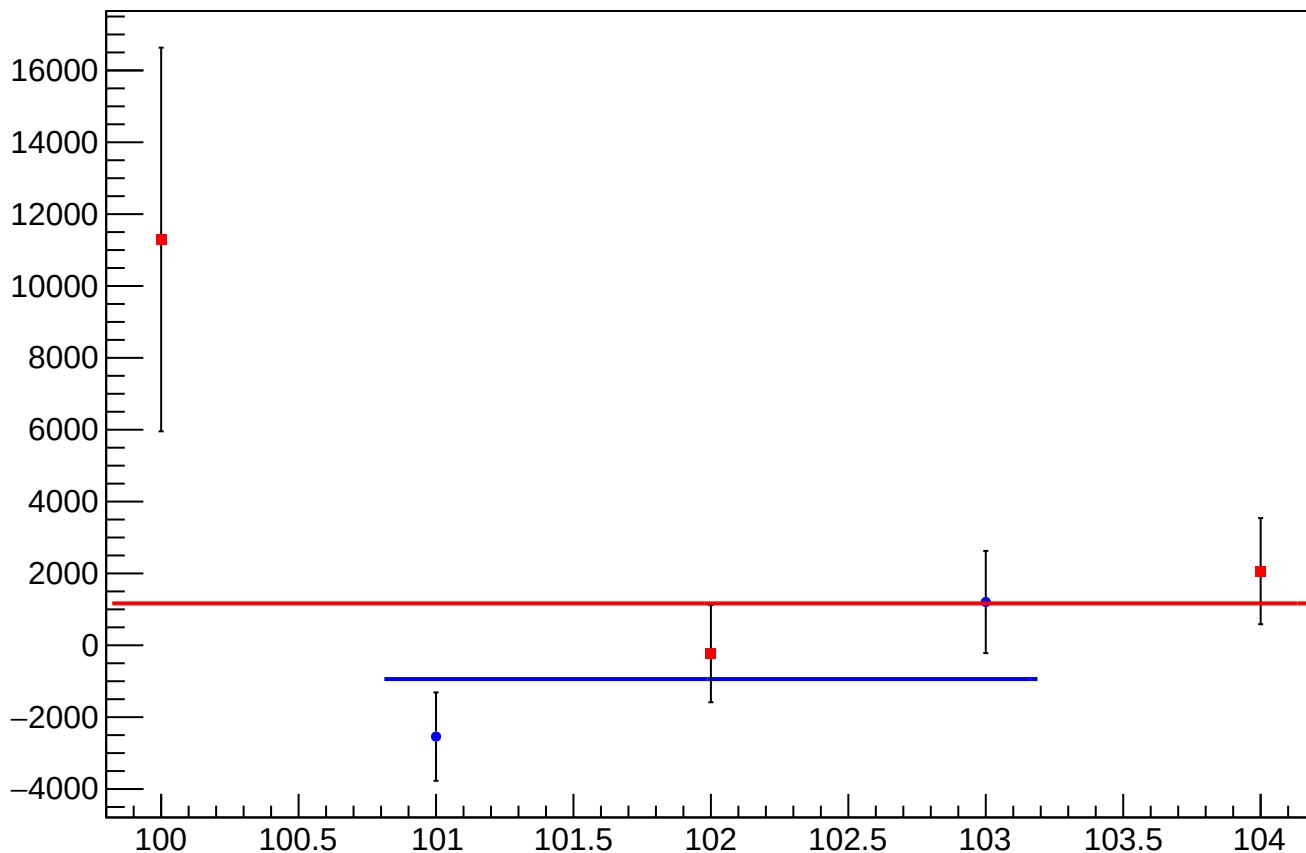
Right: 118.559 $\pm$ 0.058 χ^2 /NDF: 412202.3/4

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: 118.559 $\pm$ 0.058 χ^2 /NDF: 412202.3/4

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1167.133+/-980.514 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

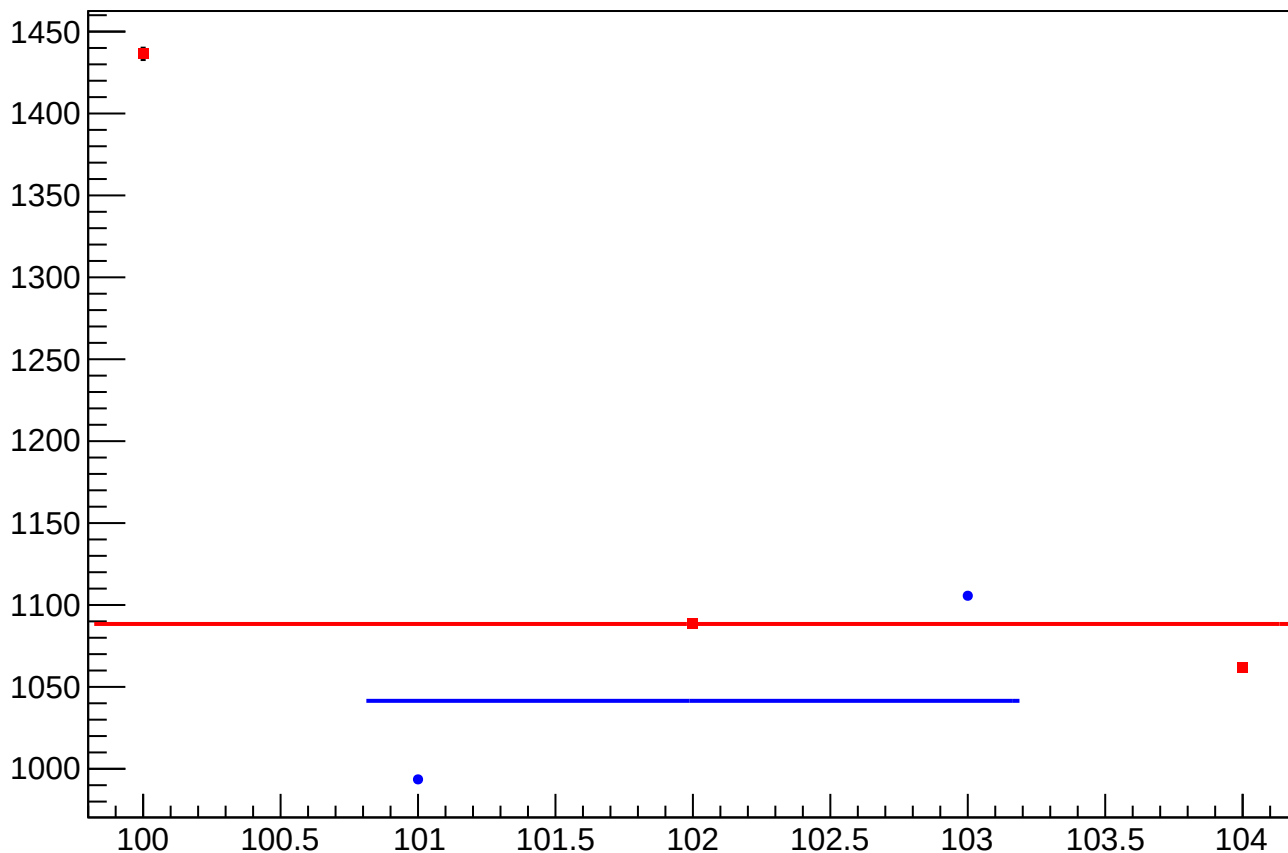
Right: 58.697+/-674.855 χ^2/NDF : 11.4/4

In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.697+/-674.855 χ^2/NDF : 11.4/4

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496 $\pm$ 0.658 χ^2 /NDF: 7106.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1088.417 $\pm$ 0.693 χ^2 /NDF: 9158.0/2

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

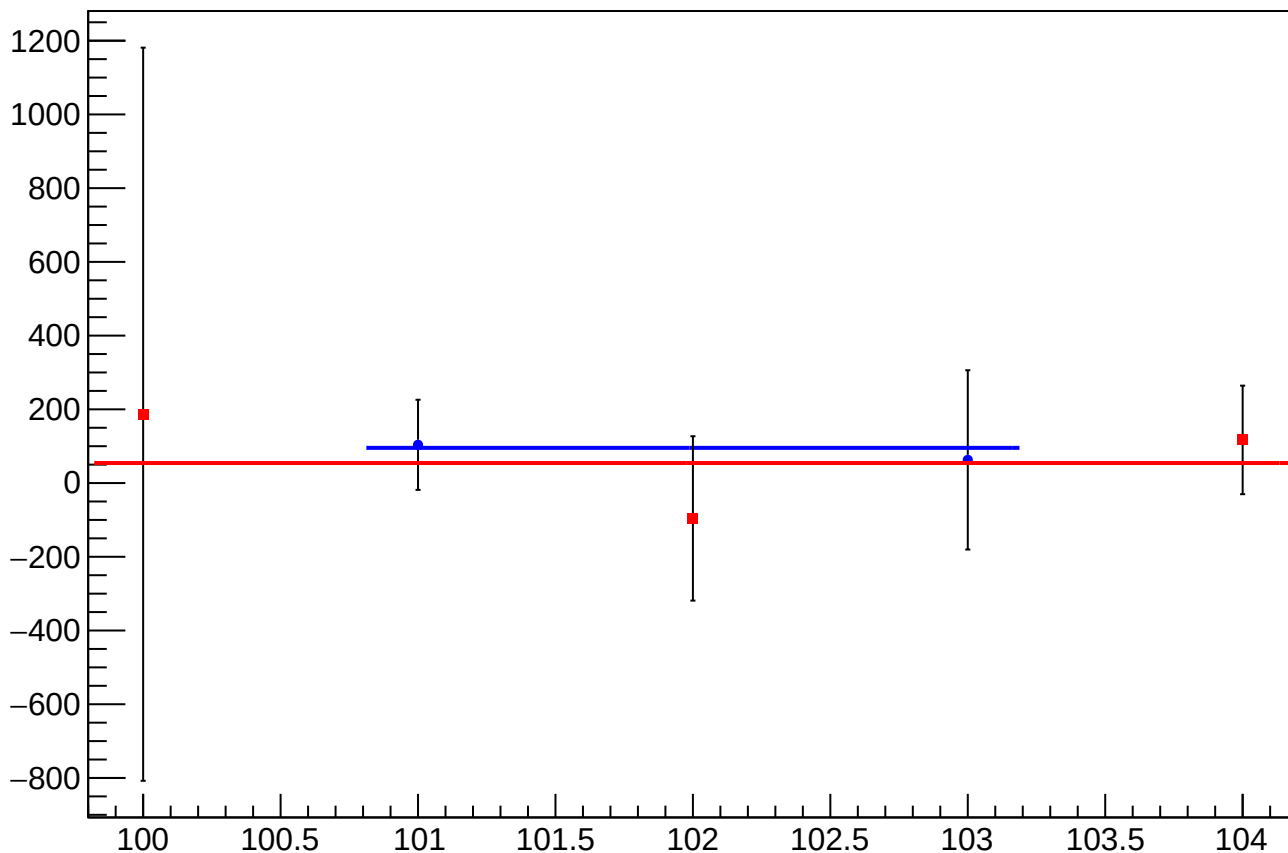
Right: 1063.723 $\pm$ 0.477 χ^2 /NDF: 18675.0/4

In: 1041.496 $\pm$ 0.658 χ^2 /NDF:7106.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1063.723 $\pm$ 0.477 χ^2 /NDF: 18675.0/4

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.388+/-121.935 χ^2/NDF : 0.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

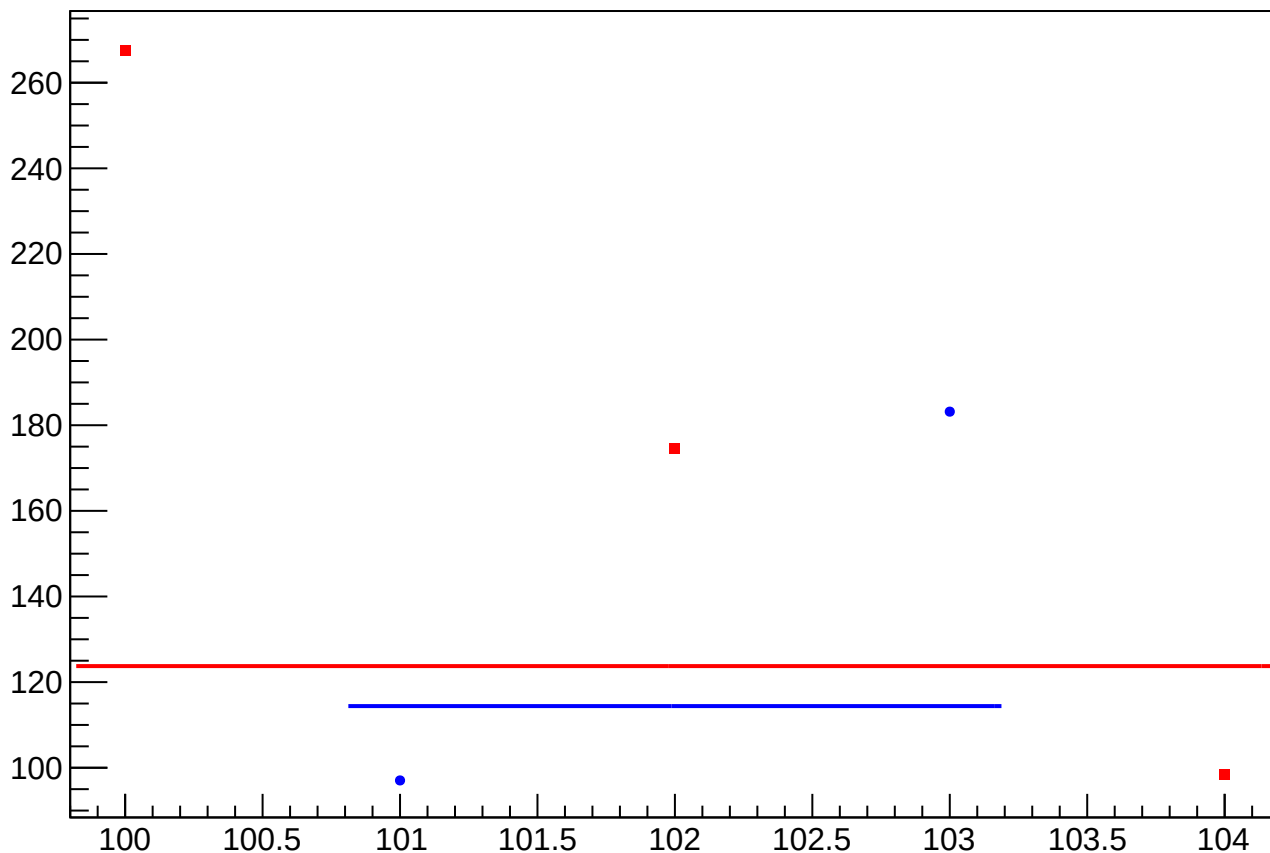
Right: 77.209+/-81.347 χ^2/NDF : 0.7/4

In: 95.513+/-109.200 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.209+/-81.347 χ^2/NDF : 0.7/4

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: 123.743 $\pm$ 0.086 χ^2 /NDF: 205428.8/2

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

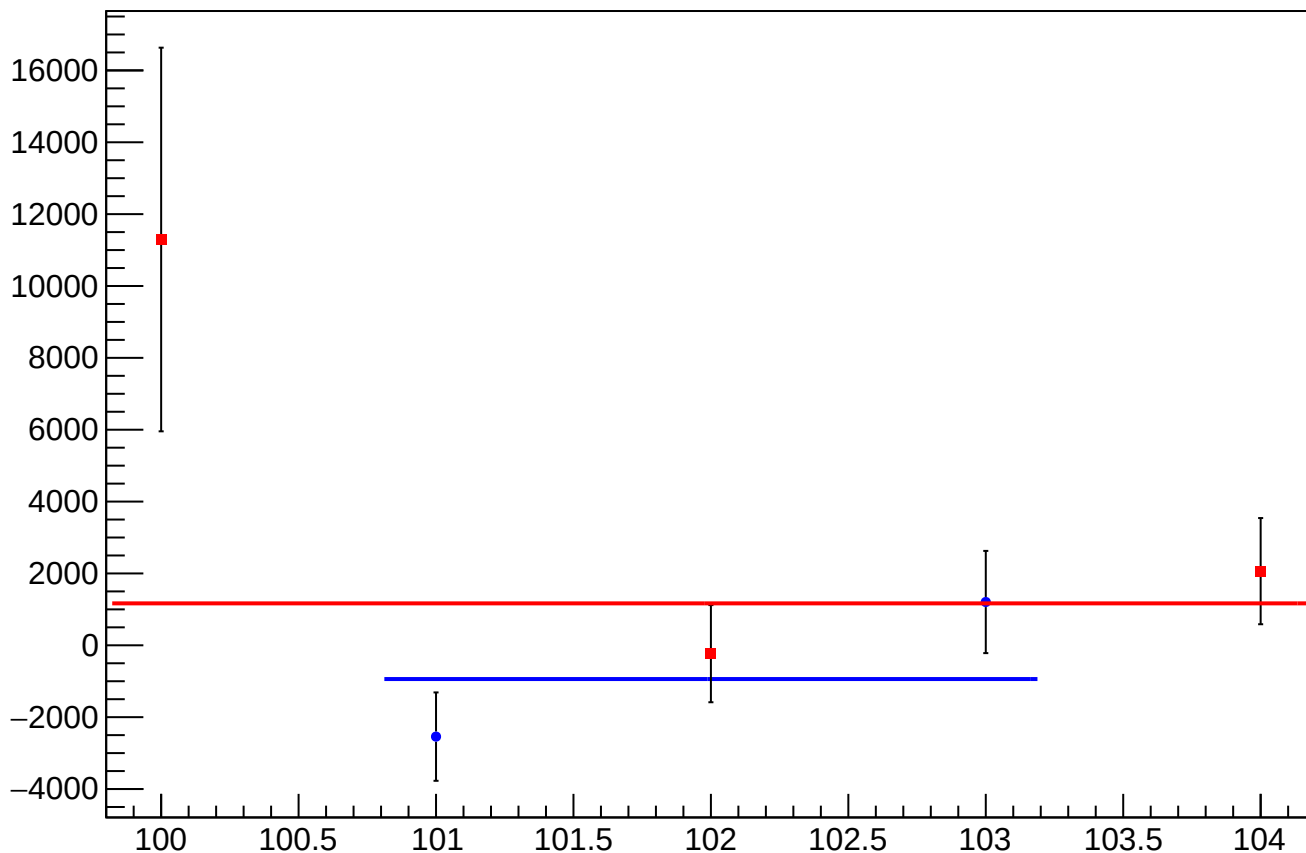
Right: 118.559 $\pm$ 0.058 χ^2 /NDF: 412202.3/4

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: 118.559 $\pm$ 0.058 χ^2 /NDF: 412202.3/4

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: 1167.133+/-980.514 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

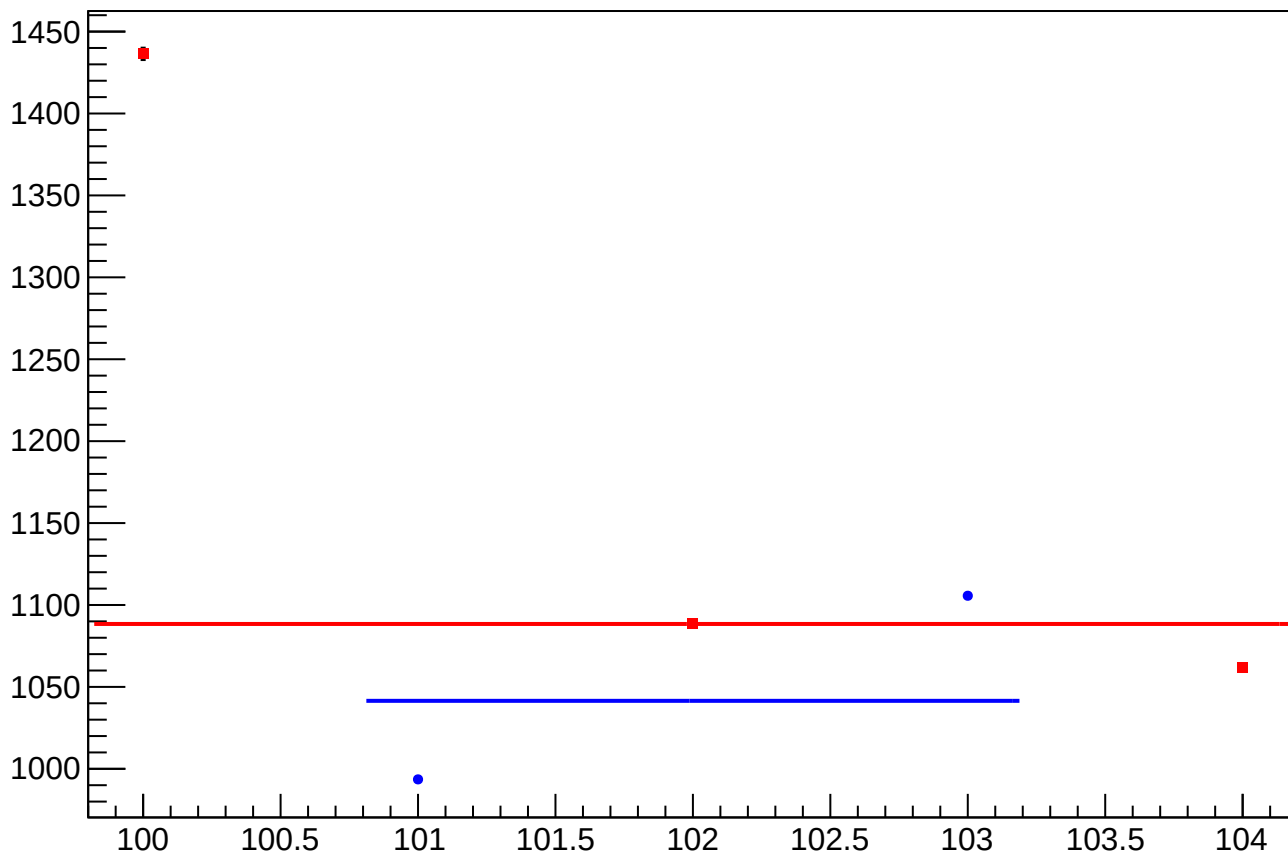
Right: 58.697+/-674.855 χ^2/NDF : 11.4/4

In: -939.001+/-930.246 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.697+/-674.855 χ^2/NDF : 11.4/4

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1041.496 $\pm$ 0.658 χ^2 /NDF: 7106.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1088.417 $\pm$ 0.693 χ^2 /NDF: 9158.0/2

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

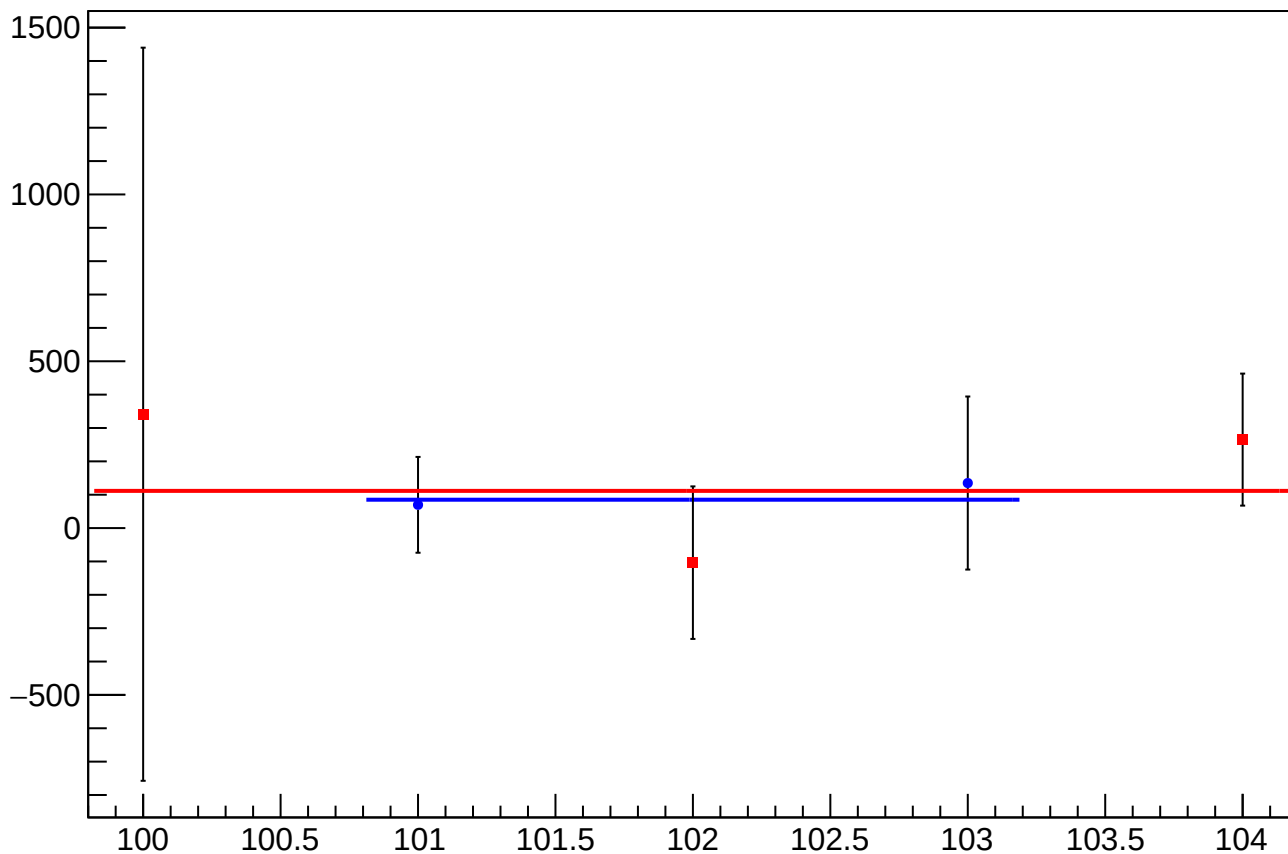
Right: 1063.723 $\pm$ 0.477 χ^2 /NDF: 18675.0/4

In: 1041.496 $\pm$ 0.658 χ^2 /NDF:7106.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1063.723 $\pm$ 0.477 χ^2 /NDF: 18675.0/4

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.029+/-125.625 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.504+/-148.230 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

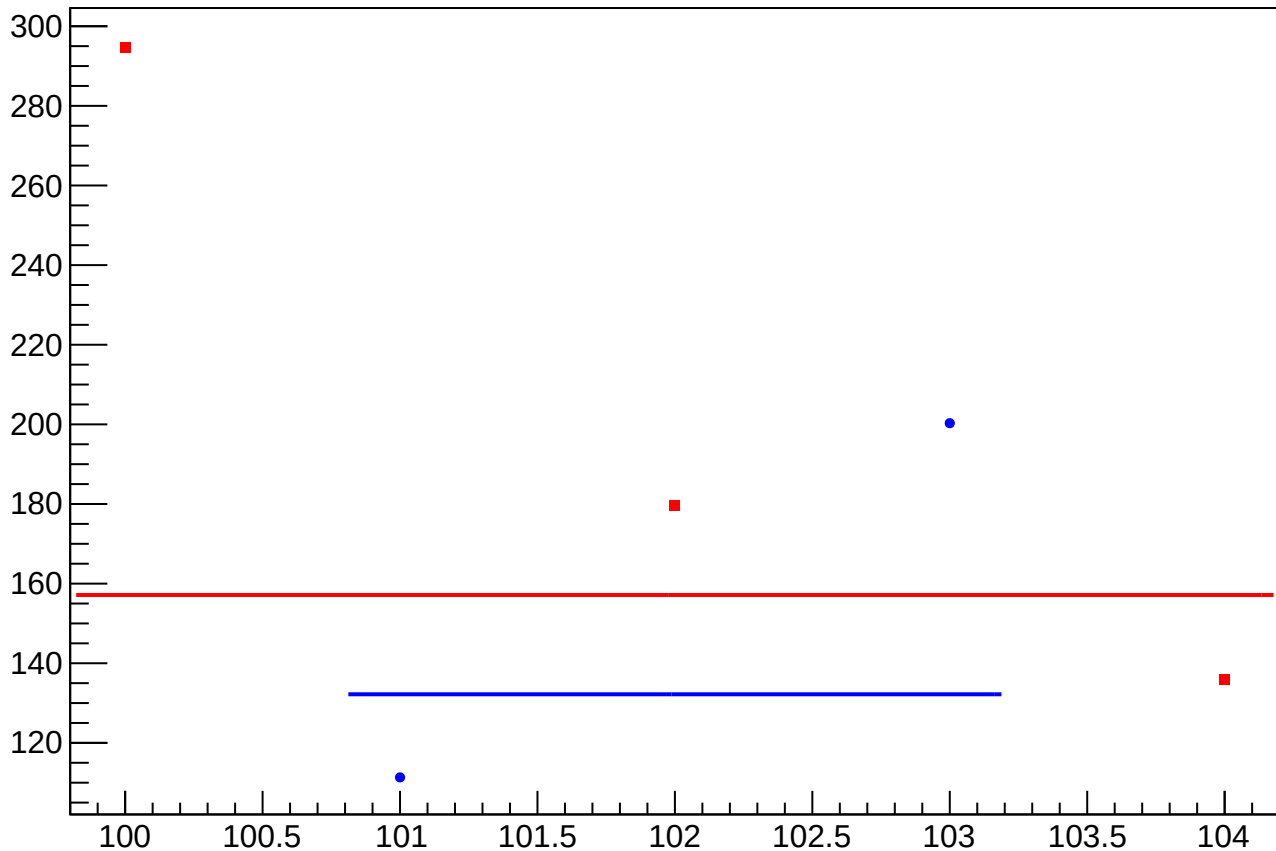
Right: 96.096+/-95.837 χ^2/NDF : 1.6/4

In: 85.029+/-125.625 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.096+/-95.837 χ^2/NDF : 1.6/4

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: 157.145+/-0.105 χ^2/NDF : 73726.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

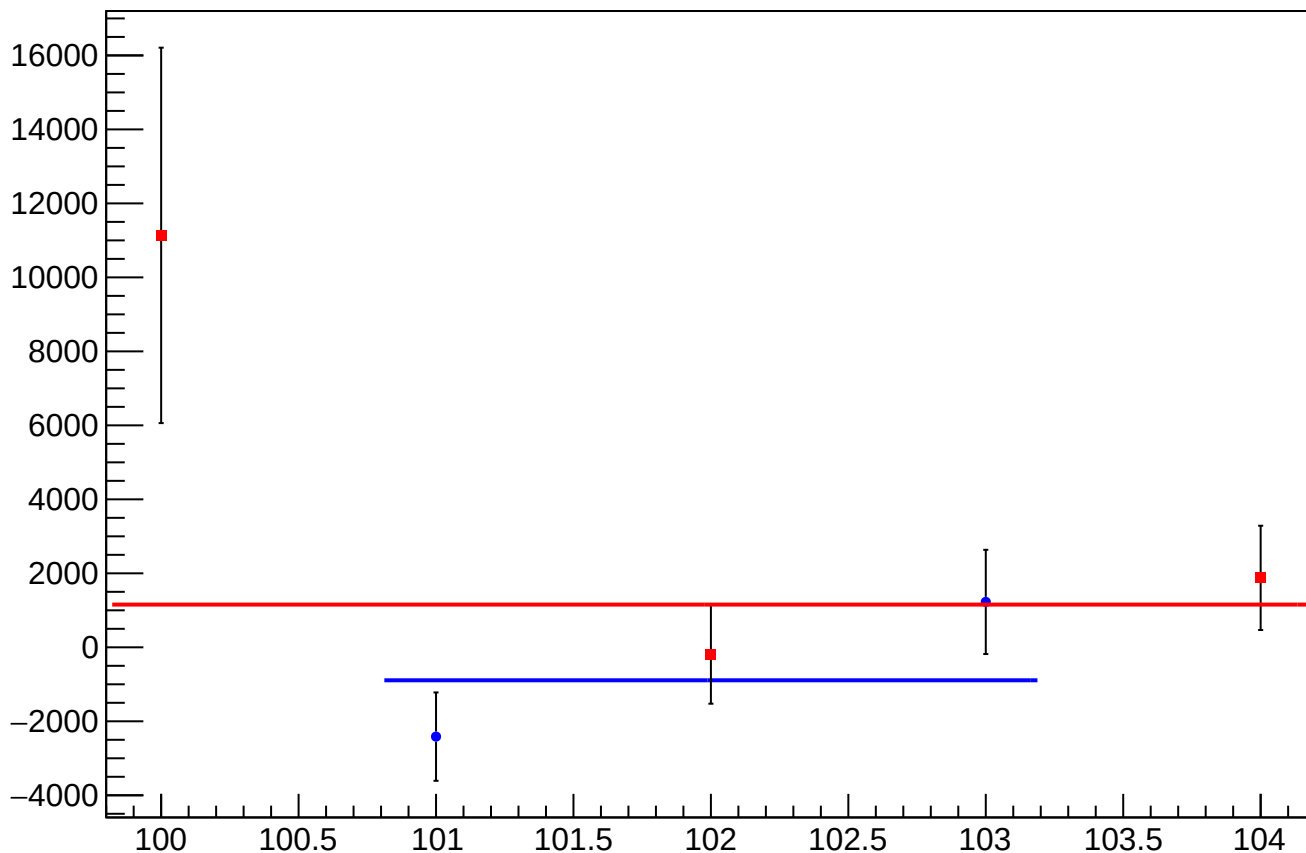
Right: 142.631+/-0.068 χ^2/NDF : 286813.5/4

In: 132.206+/-0.089 χ^2/NDF : 180139.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.631+/-0.068 χ^2/NDF : 286813.5/4

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: 1154.964+/-952.522 χ^2/NDF : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

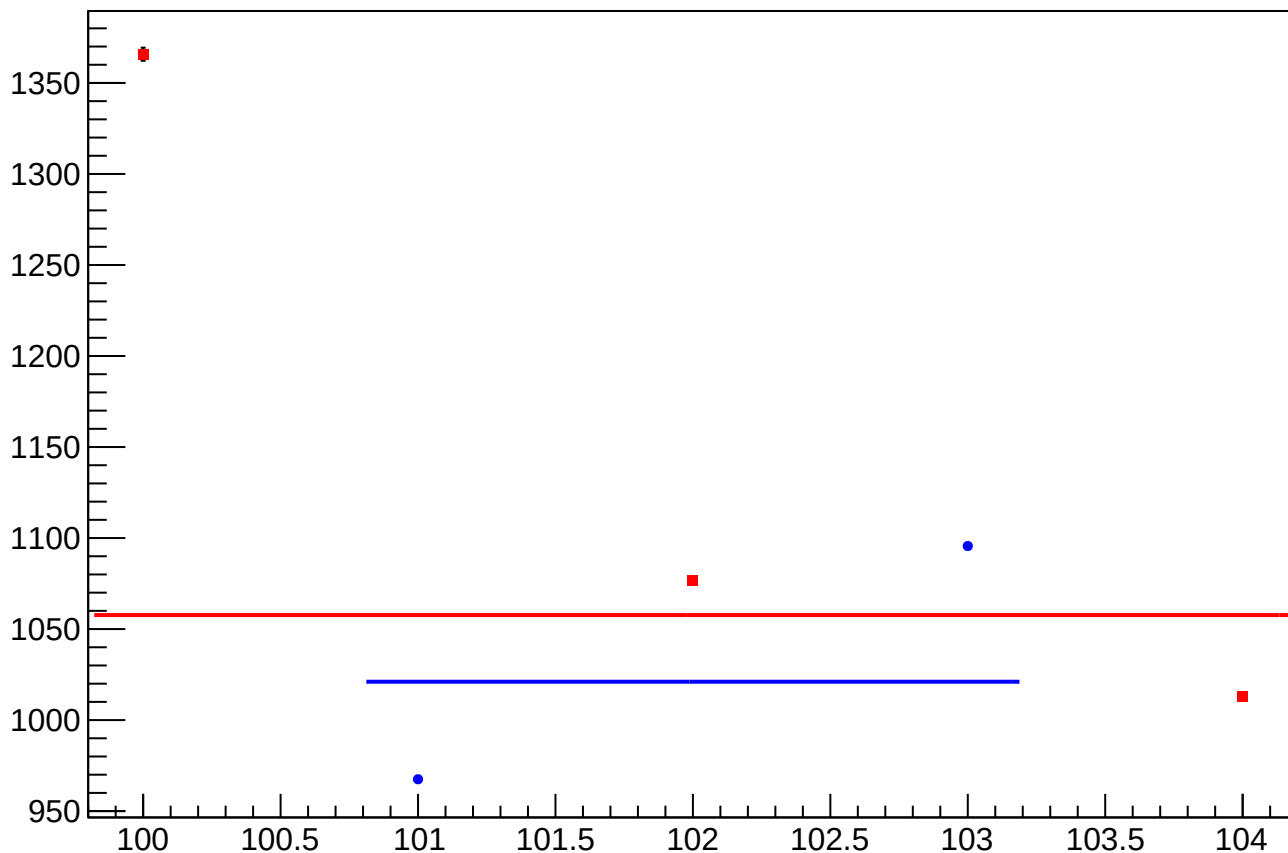
Right: 85.956+/-658.330 χ^2/NDF : 11.4/4

In: -891.691+/-910.910 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.956+/-658.330 χ^2/NDF : 11.4/4

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: 1057.689+/-0.674 χ^2/NDF : 9779.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

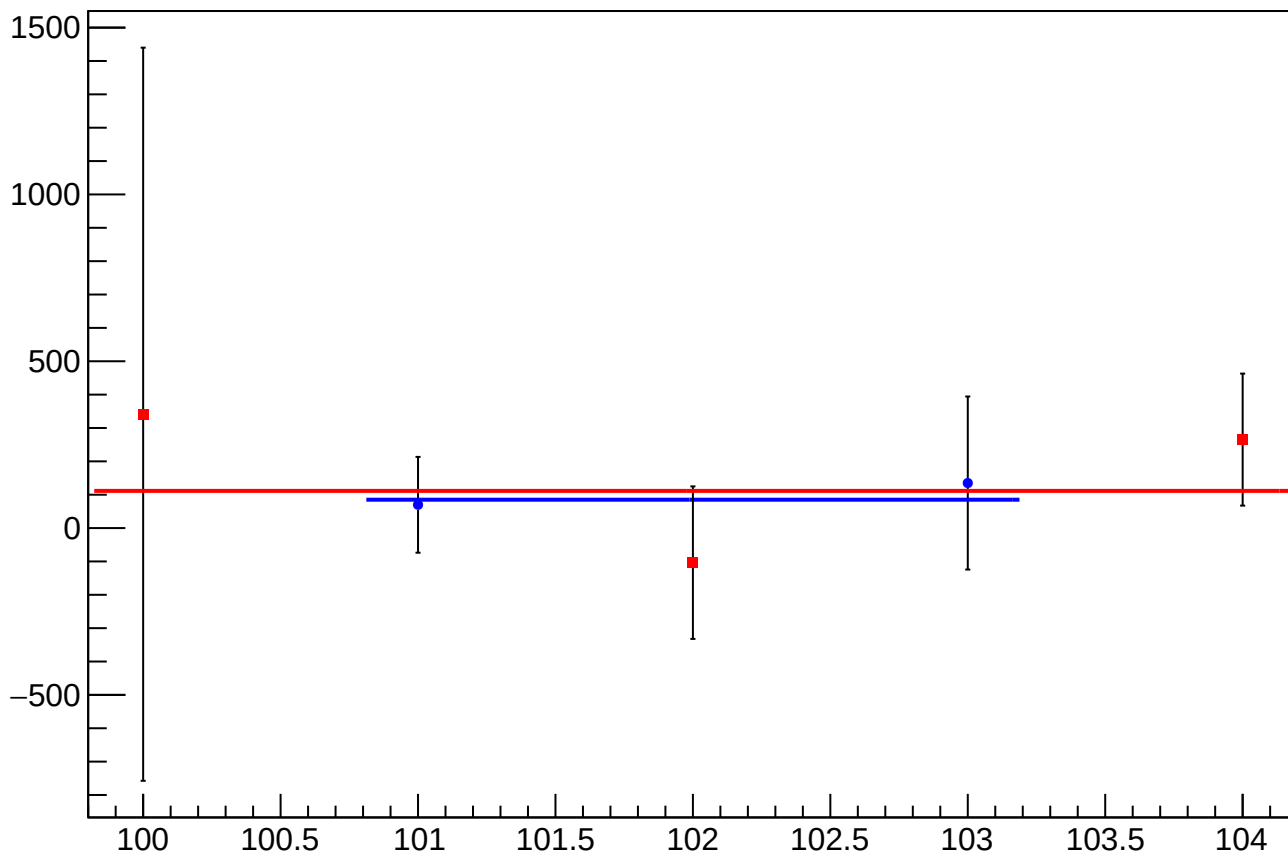
Right: 1038.559+/-0.466 χ^2/NDF : 20950.3/4

In: 1021.065+/-0.644 χ^2/NDF : 9626.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.559+/-0.466 χ^2/NDF : 20950.3/4

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 85.033+/-125.626 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.503+/-148.230 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

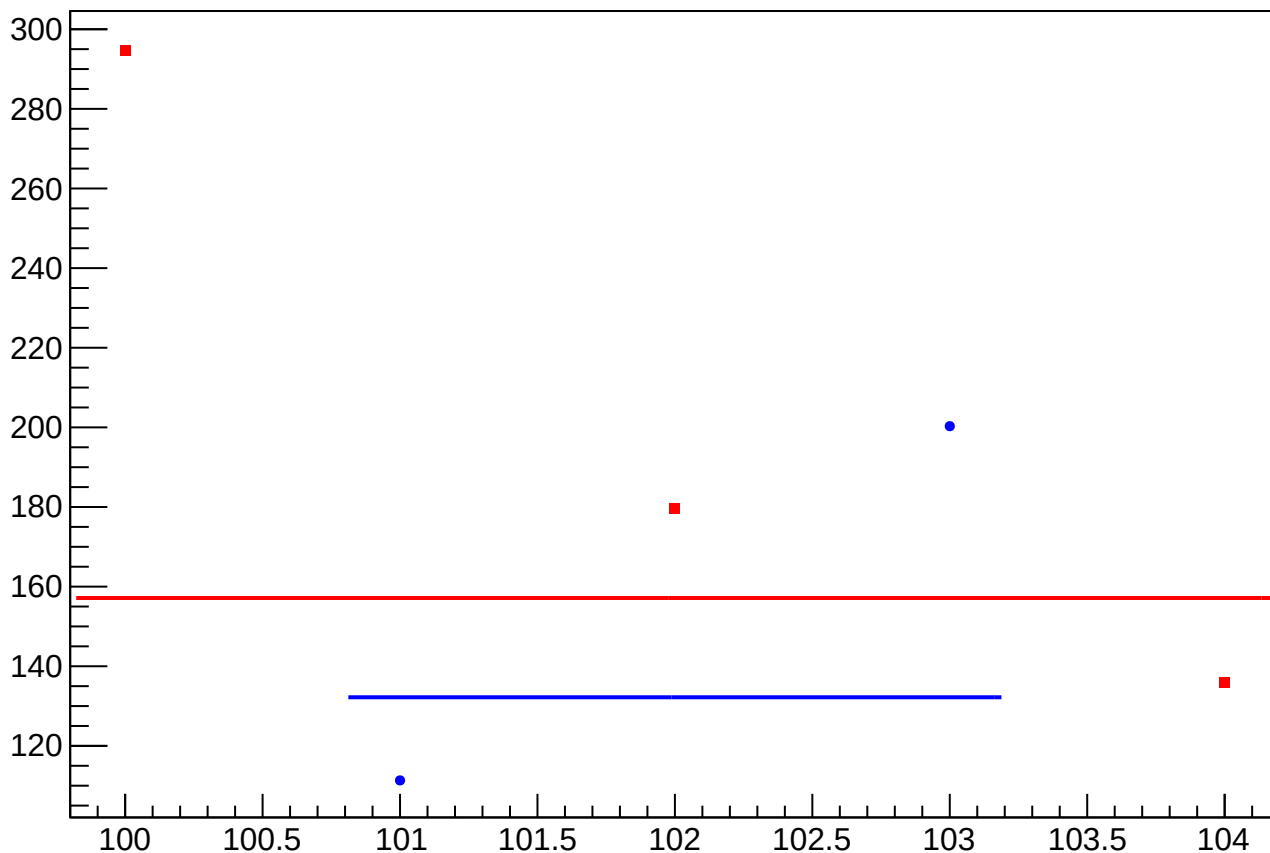
Right: 96.098+/-95.837 χ^2/NDF : 1.6/4

In: 85.033+/-125.626 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.098+/-95.837 χ^2/NDF : 1.6/4

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: 157.146+/-0.105 χ^2/NDF : 73725.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

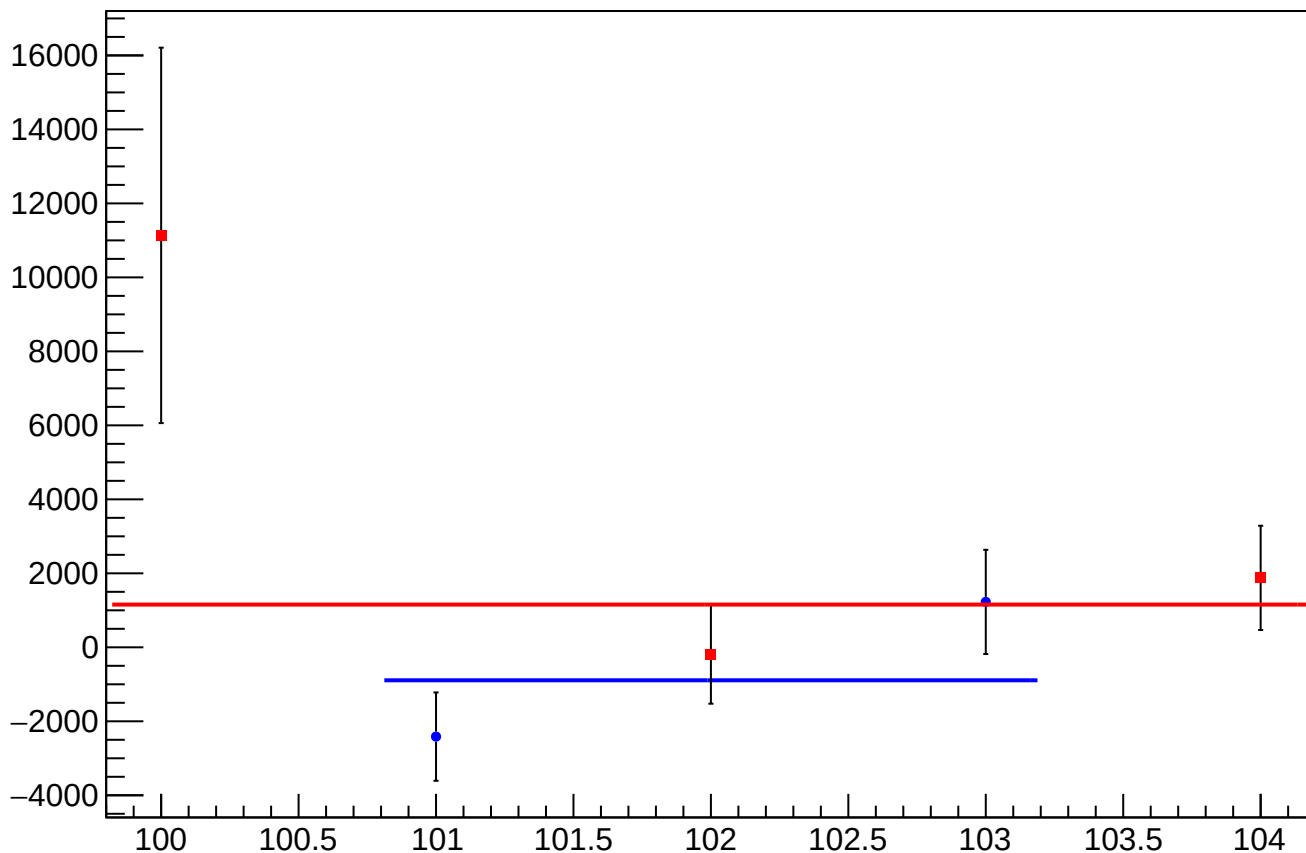
Right: 142.632+/-0.068 χ^2/NDF : 286808.1/4

In: 132.207+/-0.089 χ^2/NDF : 180135.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.632+/-0.068 χ^2/NDF : 286808.1/4

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: 1154.962+/-952.520 χ^2/NDF : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

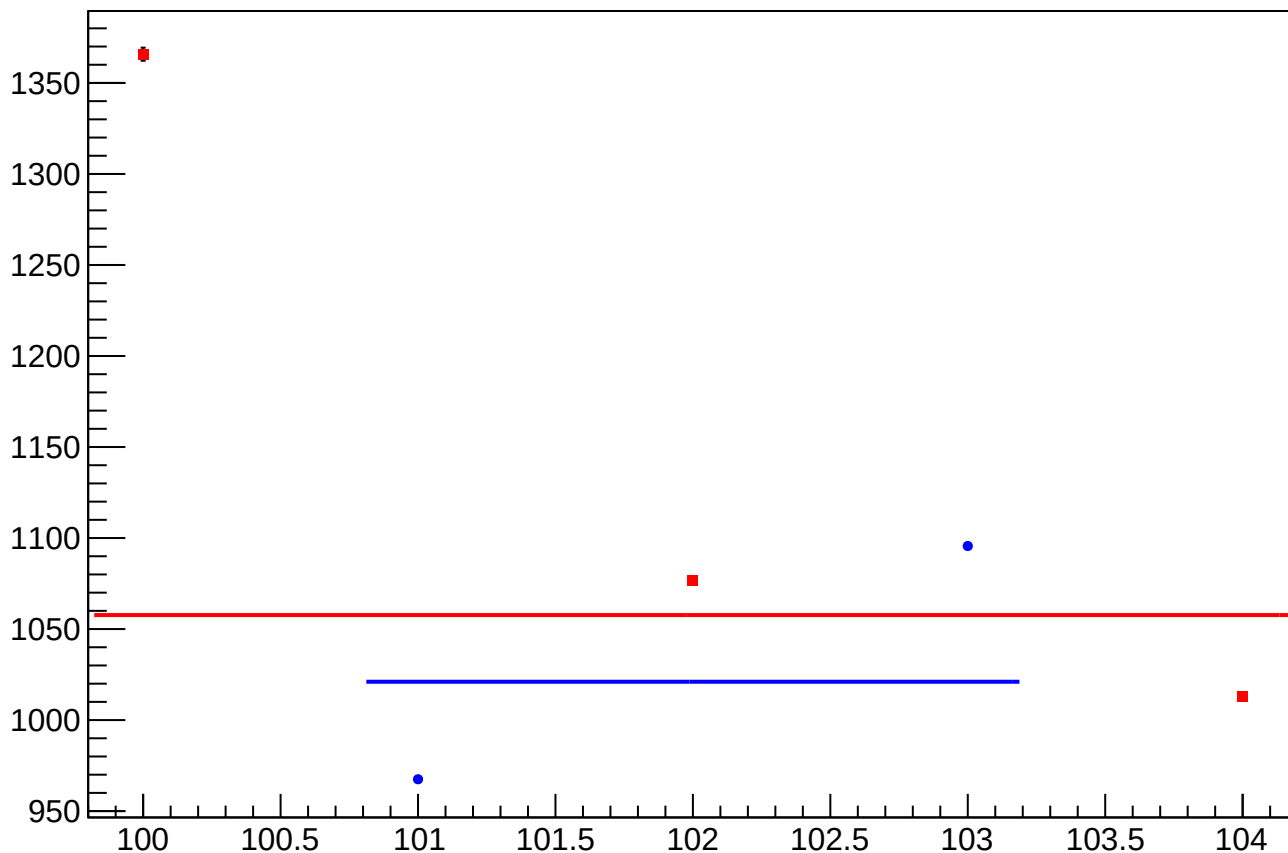
Right: 85.955+/-658.329 χ^2/NDF : 11.4/4

In: -891.690+/-910.908 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.955+/-658.329 χ^2/NDF : 11.4/4

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: 1057.687+/-0.674 χ^2/NDF : 9779.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

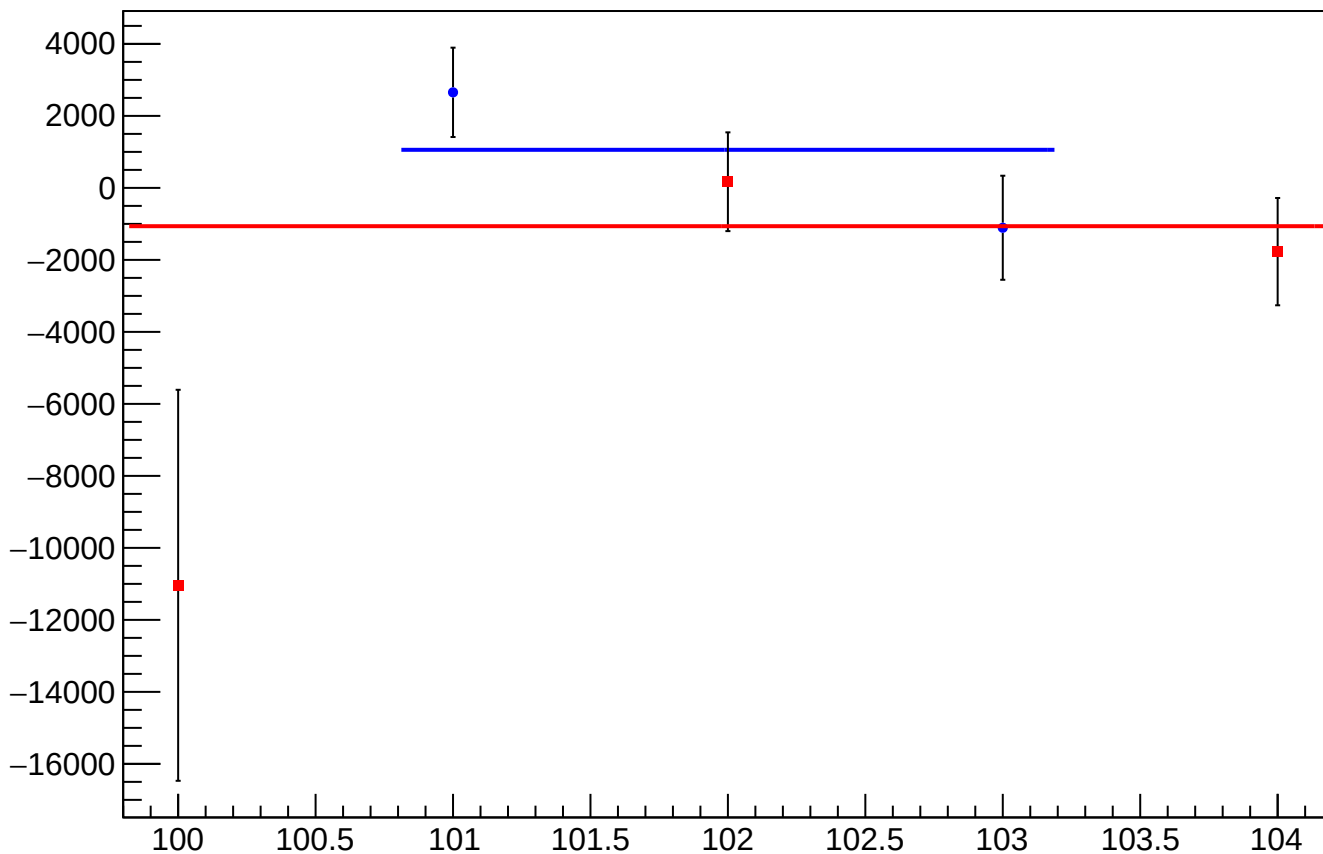
Right: 1038.557+/-0.466 χ^2/NDF : 20950.4/4

In: 1021.063+/-0.644 χ^2/NDF : 9626.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1038.557+/-0.466 χ^2/NDF : 20950.4/4

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: -1063.871+/-992.260 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

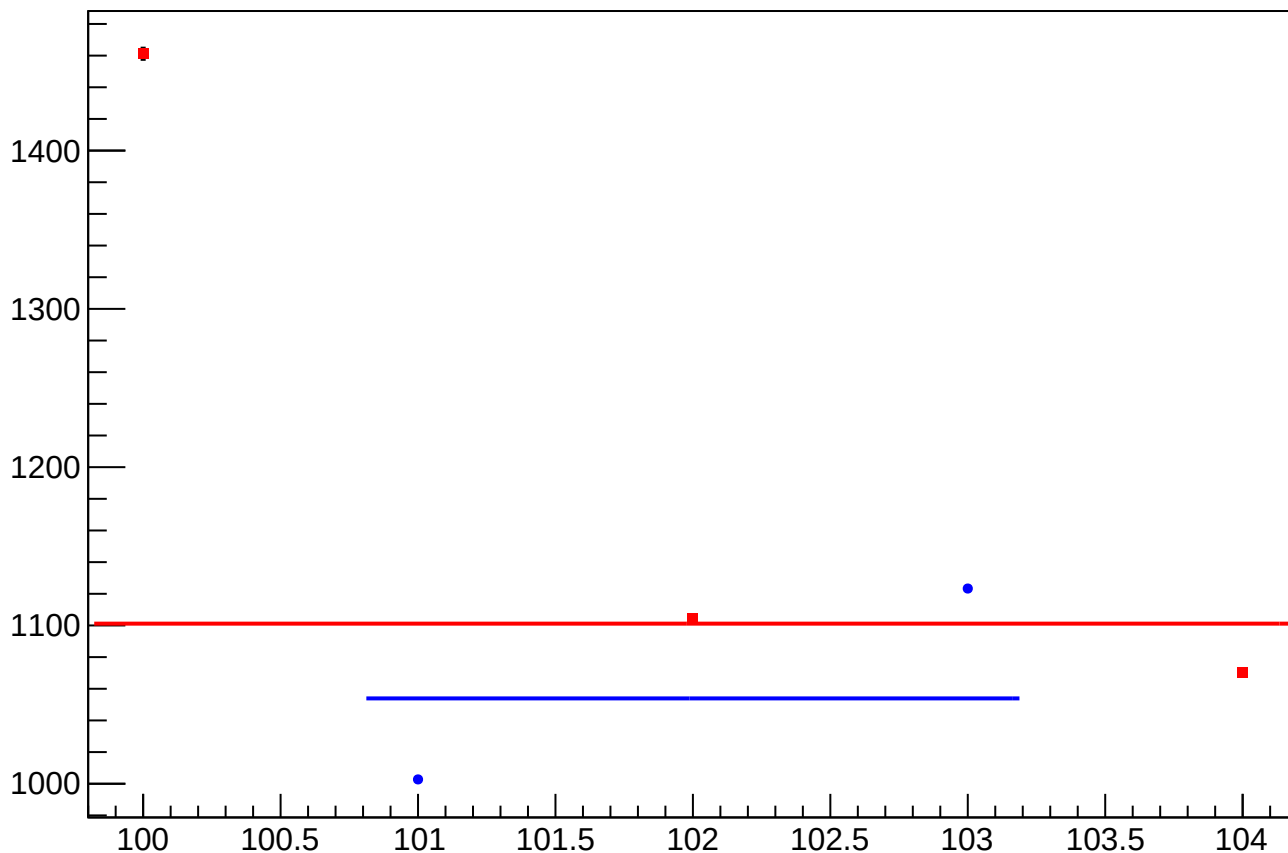
Right: 52.693+/-682.979 χ^2/NDF : 10.7/4

In: 1057.927+/-941.493 χ^2/NDF : 3.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.693+/-682.979 χ^2/NDF : 10.7/4

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: 1101.147+/-0.702 χ^2/NDF : 9652.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

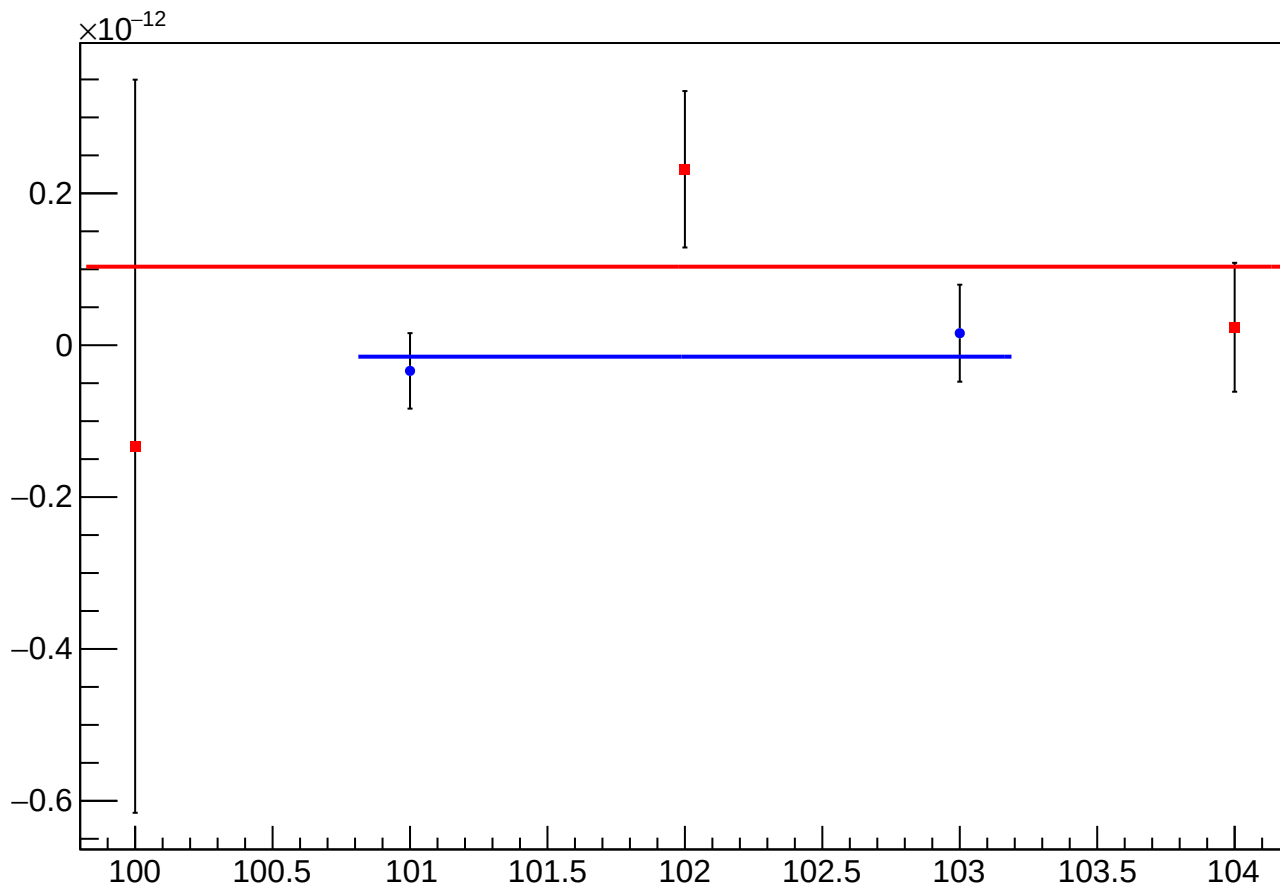
Right: 1076.291+/-0.483 χ^2/NDF : 20051.8/4

In: 1053.914+/-0.666 χ^2/NDF : 8014.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.291+/-0.483 χ^2/NDF : 20051.8/4

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 : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

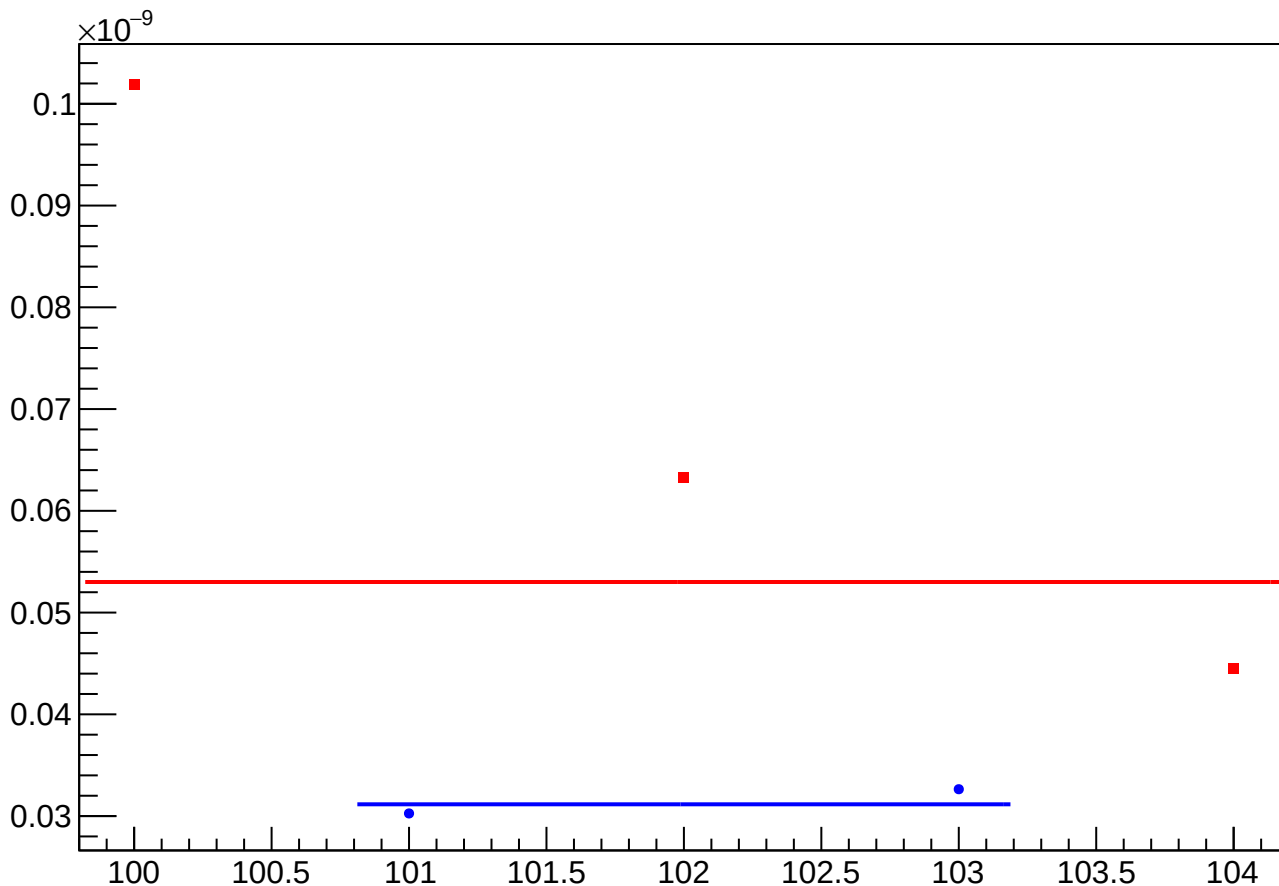
Right: 0.000+/-0.000 χ^2/NDF : 5.5/4

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 : 5.5/4

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 : 60522.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

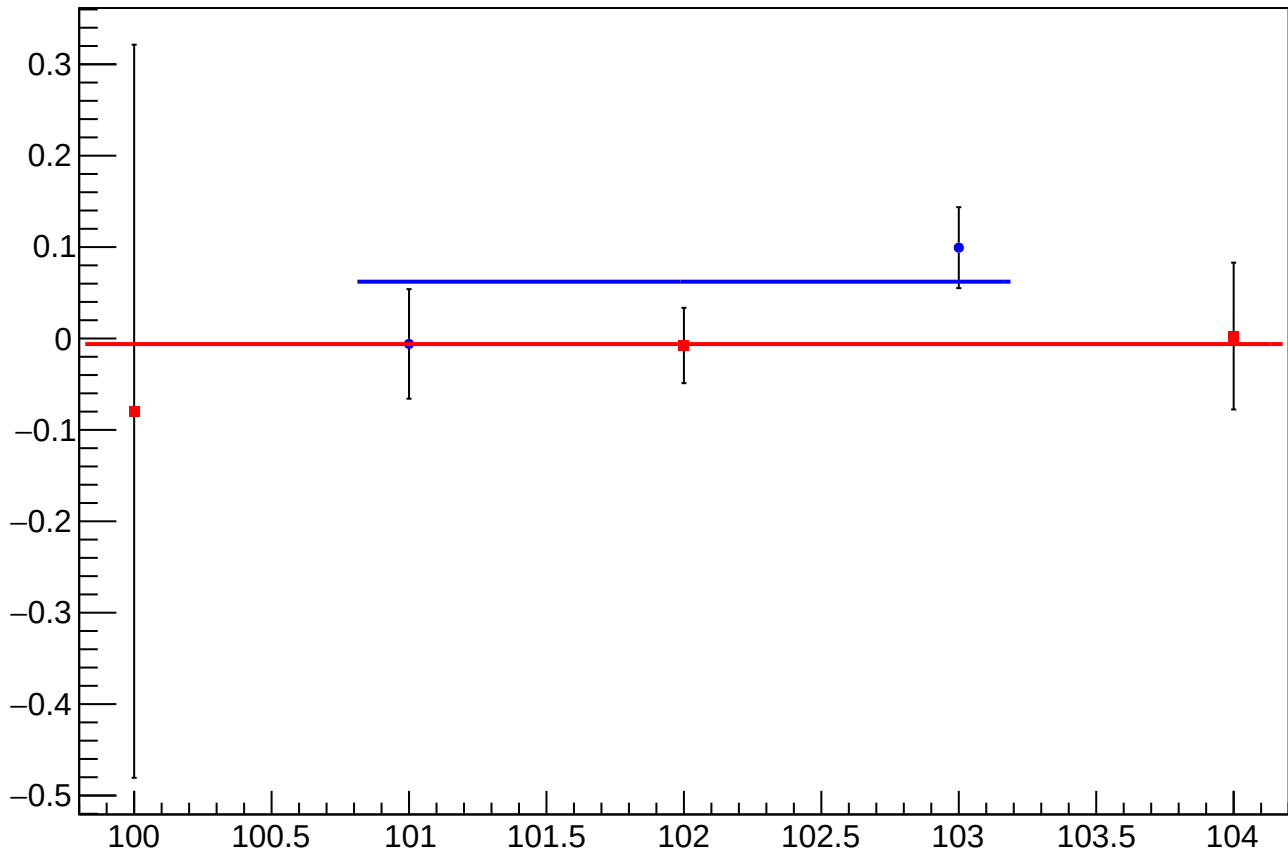
Right: 0.000+/-0.000 χ^2/NDF : 228218.7/4

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 : 228218.7/4

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: -0.006 $\pm$ 0.037 χ^2 /NDF: 0.0/2

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

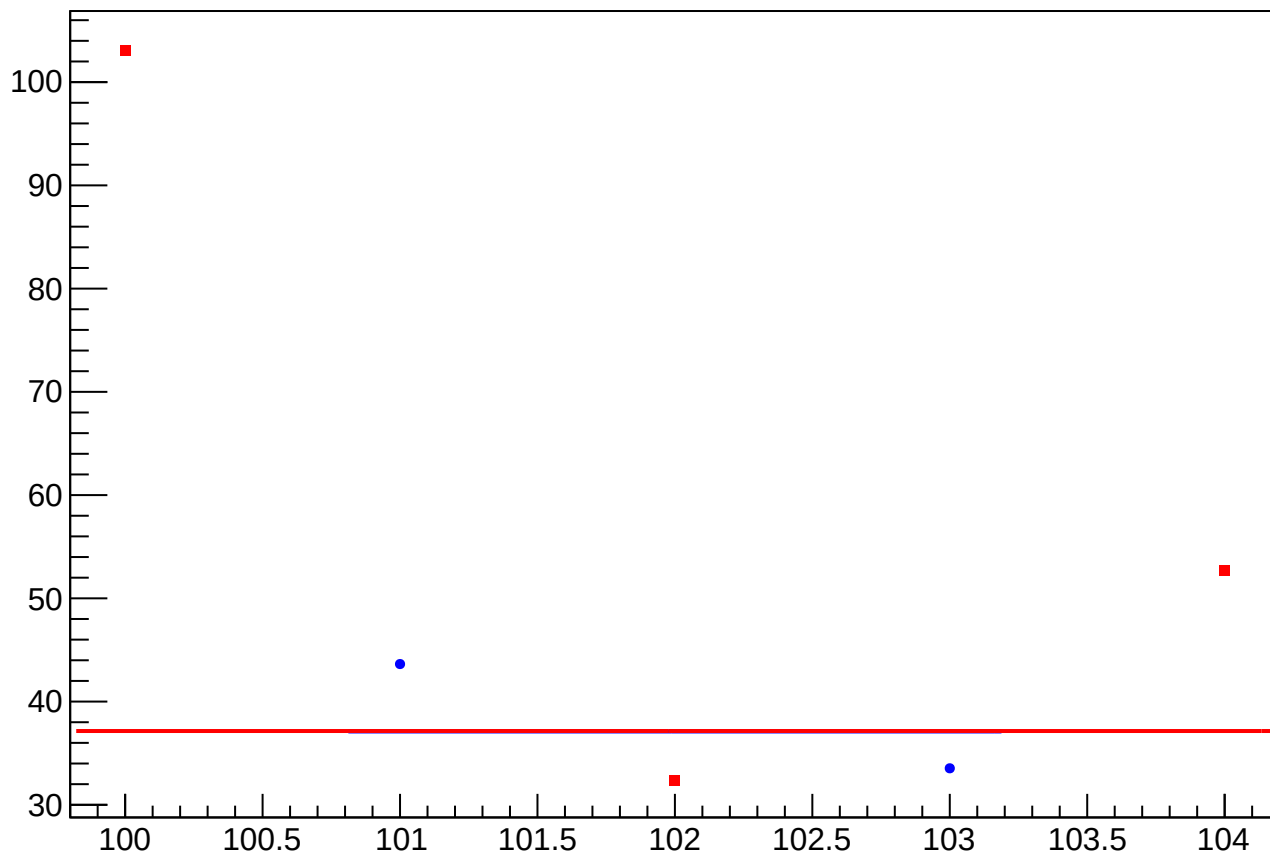
Right: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.149+/-0.026 χ^2/NDF : 155945.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

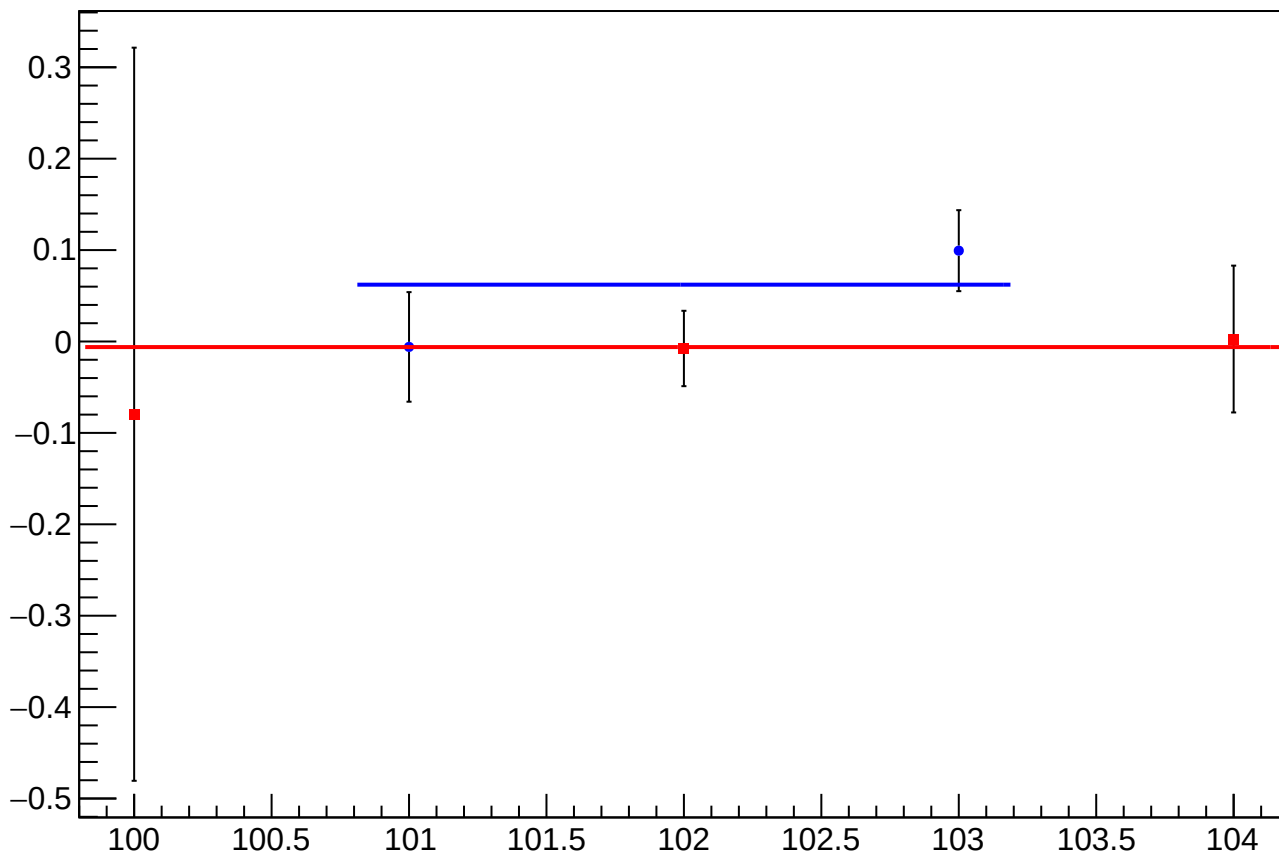
Right: 37.126+/-0.018 χ^2/NDF : 192656.7/4

In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.126+/-0.018 χ^2/NDF : 192656.7/4

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: -0.006 $\pm$ 0.037 χ^2 /NDF: 0.0/2

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

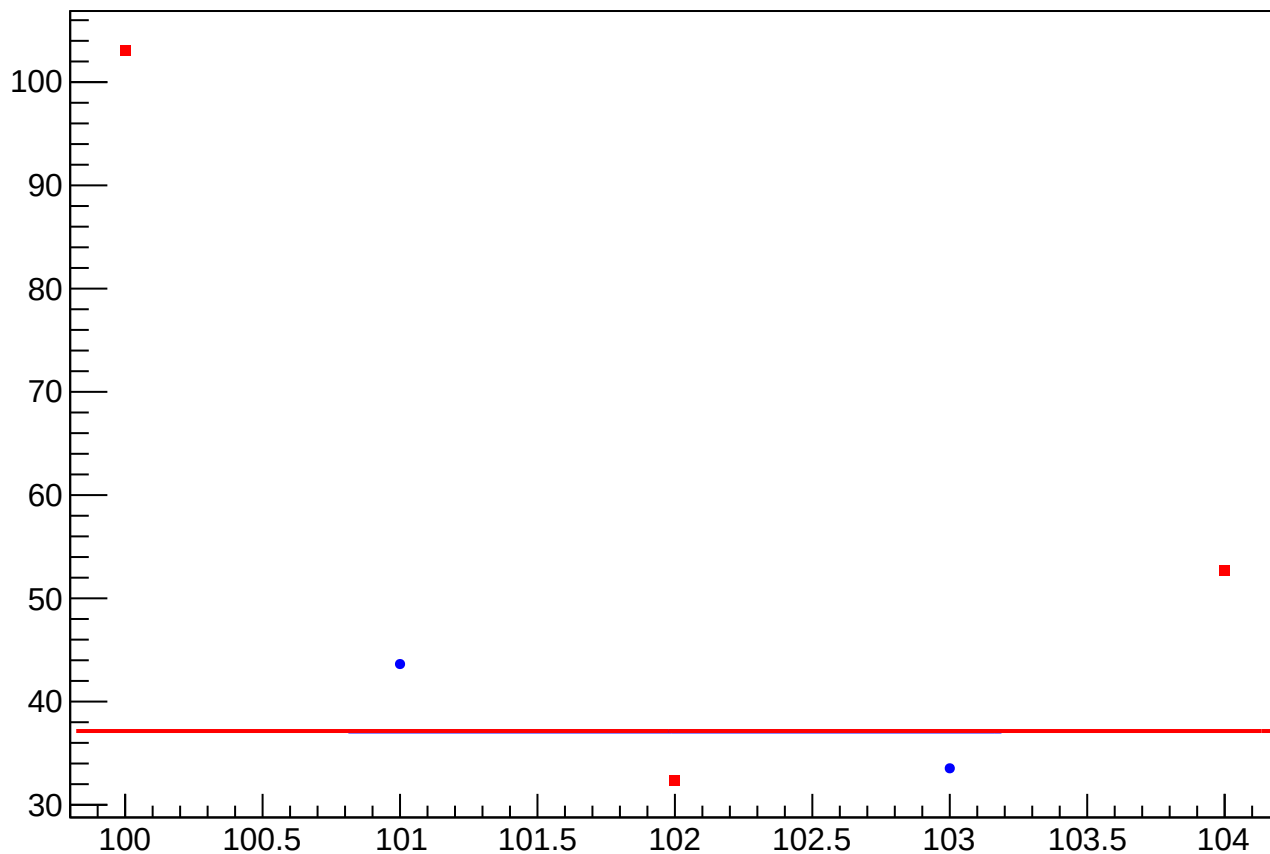
Right: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.149+/-0.026 χ^2/NDF : 155945.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

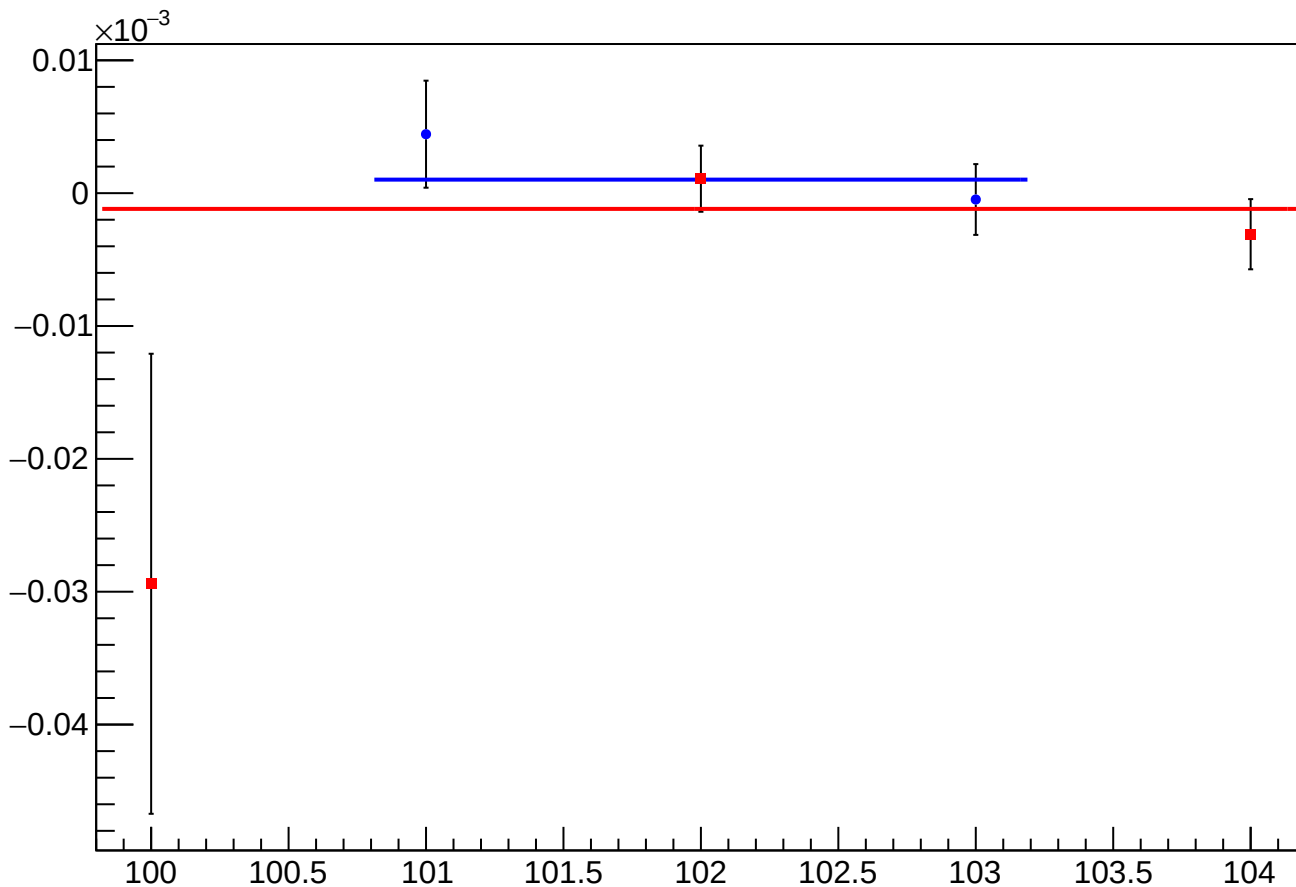
Right: 37.126+/-0.018 χ^2/NDF : 192656.7/4

In: 37.105+/-0.025 χ^2/NDF : 36710.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.126+/-0.018 χ^2/NDF : 192656.7/4

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: 4.0/2

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

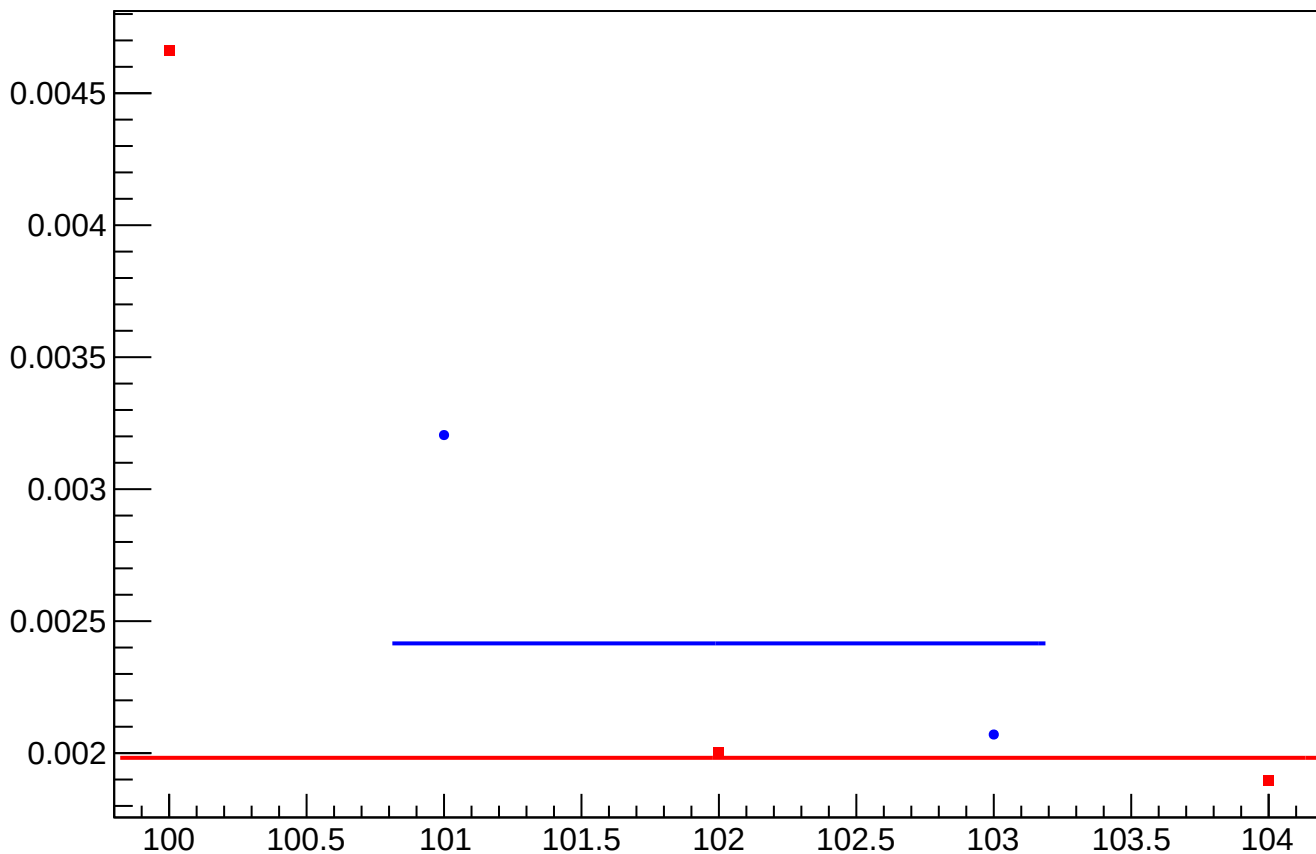
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/4

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: 5.6/4

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 : 50058.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

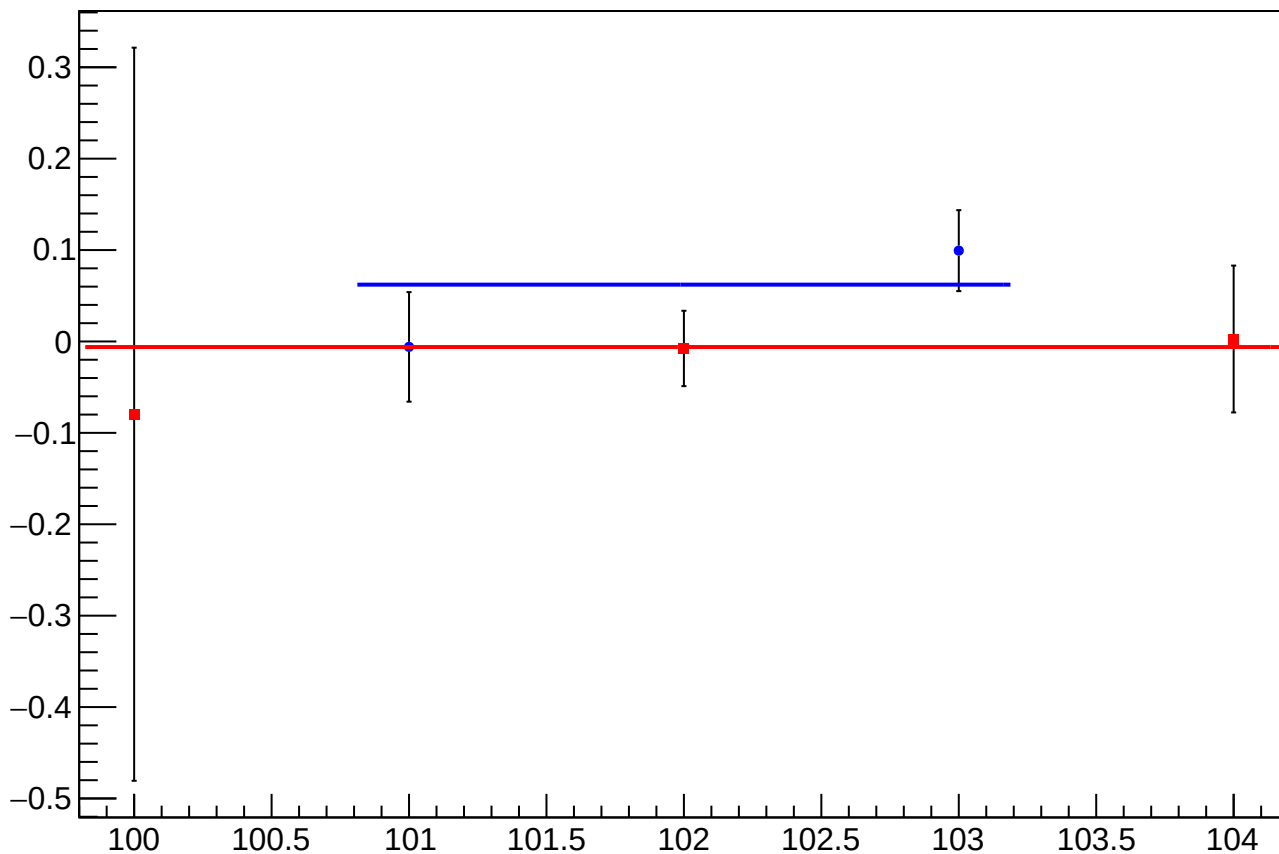
Right: 0.002+/-0.000 χ^2/NDF : 206345.2/4

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 : 206345.2/4

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: -0.006 $\pm$ 0.037 χ^2 /NDF: 0.0/2

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

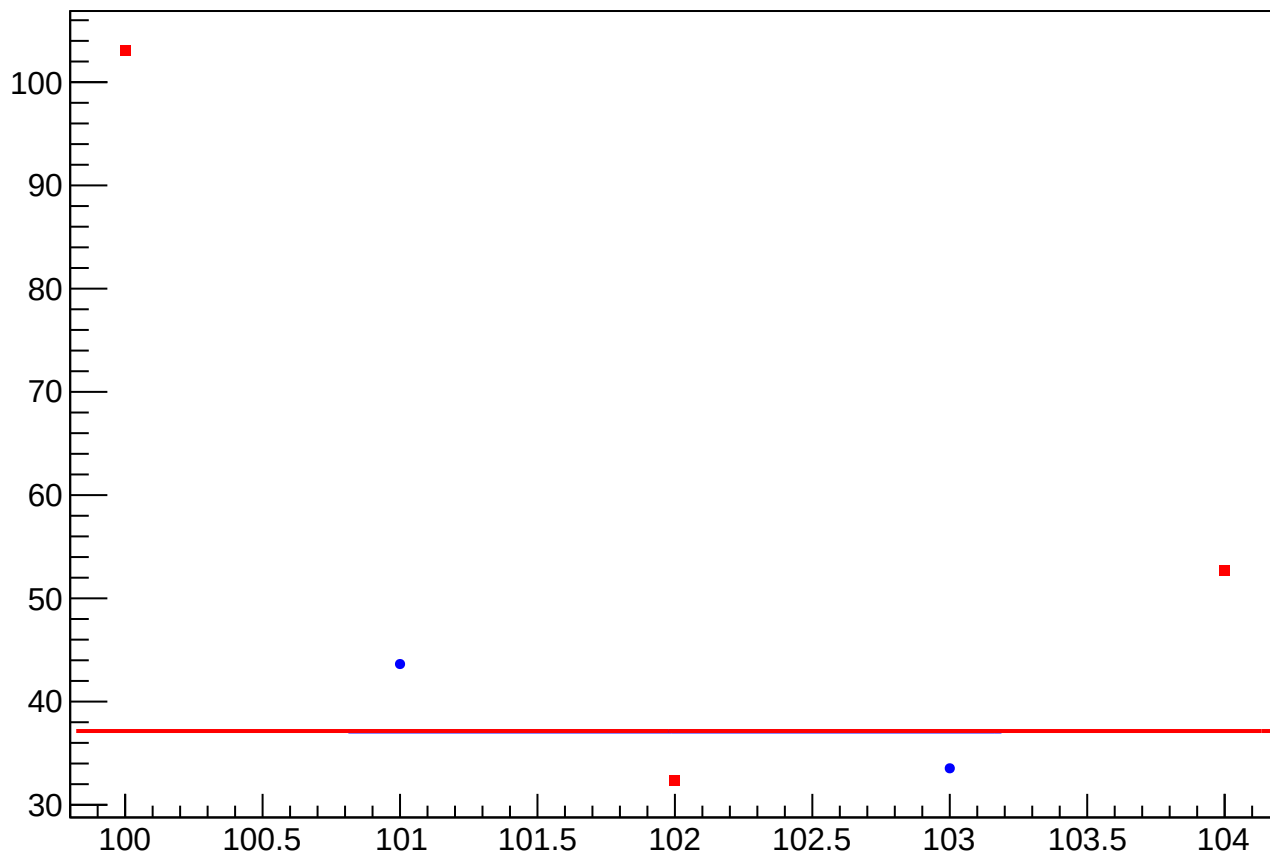
Right: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 37.149+/-0.026 χ^2/NDF : 155946.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

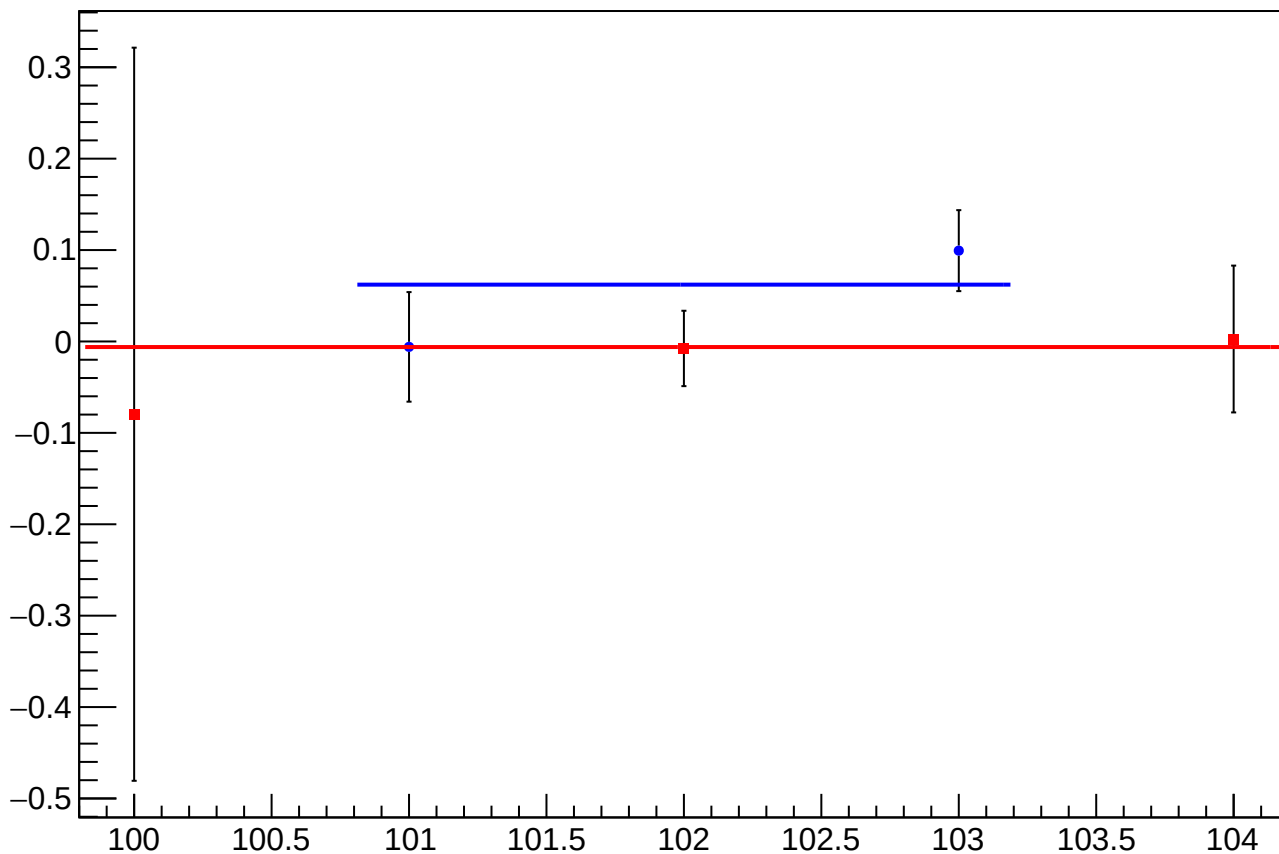
Right: 37.127+/-0.018 χ^2/NDF : 192666.1/4

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.127+/-0.018 χ^2/NDF : 192666.1/4

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: -0.006 $\pm$ 0.037 χ^2 /NDF: 0.0/2

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

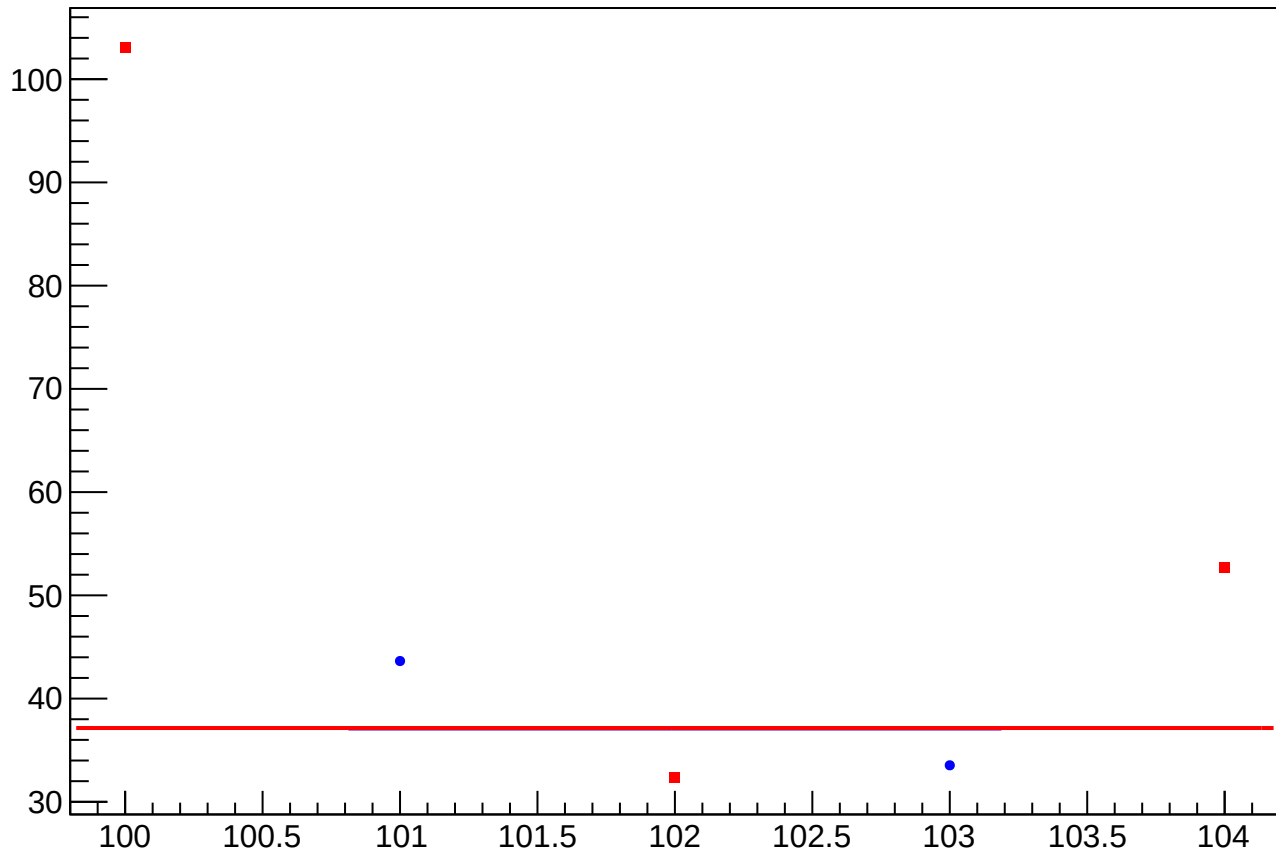
Right: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 0.029 $\pm$ 0.026 χ^2 /NDF: 3.8/4

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: 37.149+/-0.026 χ^2/NDF : 155946.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

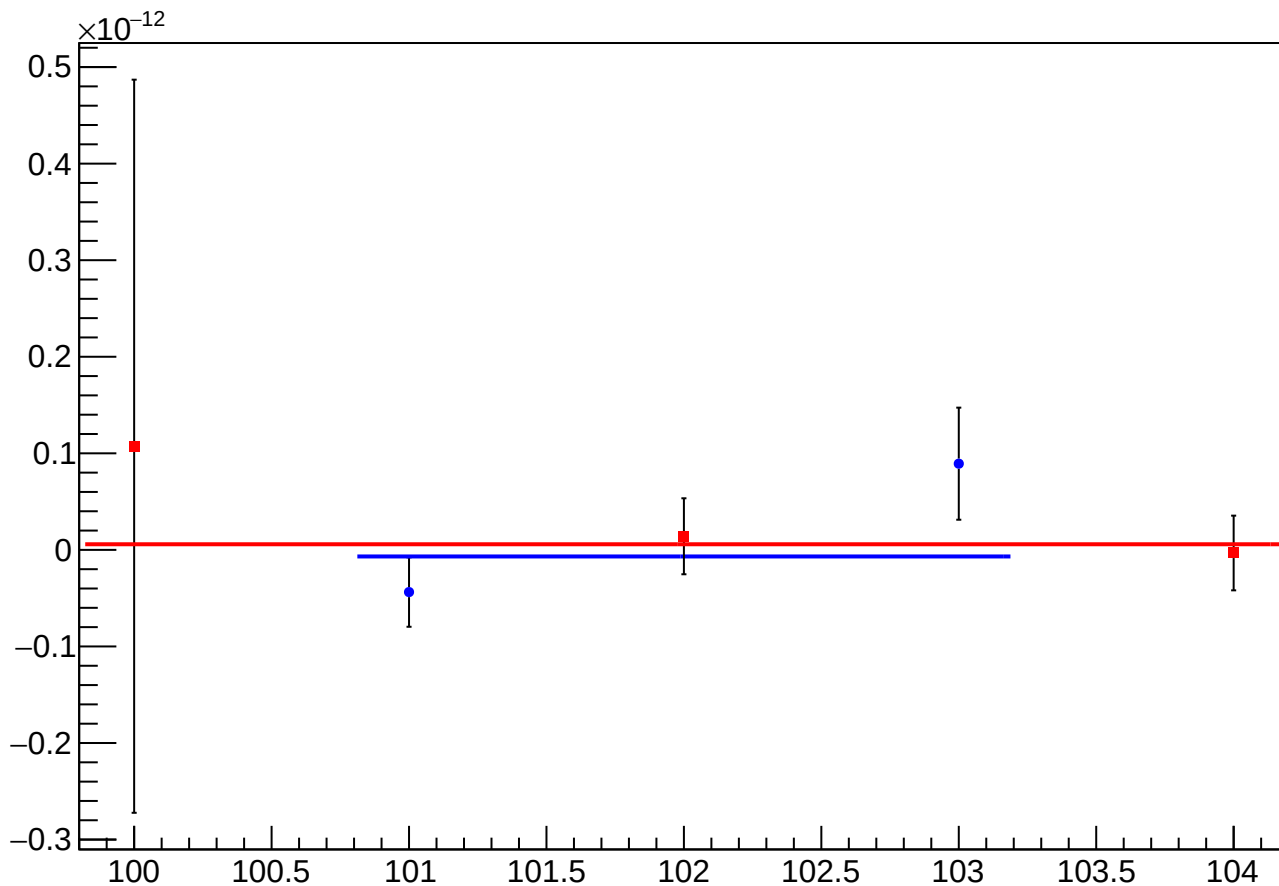
Right: 37.127+/-0.018 χ^2/NDF : 192666.1/4

In: 37.106+/-0.025 χ^2/NDF : 36717.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.127+/-0.018 χ^2/NDF : 192666.1/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

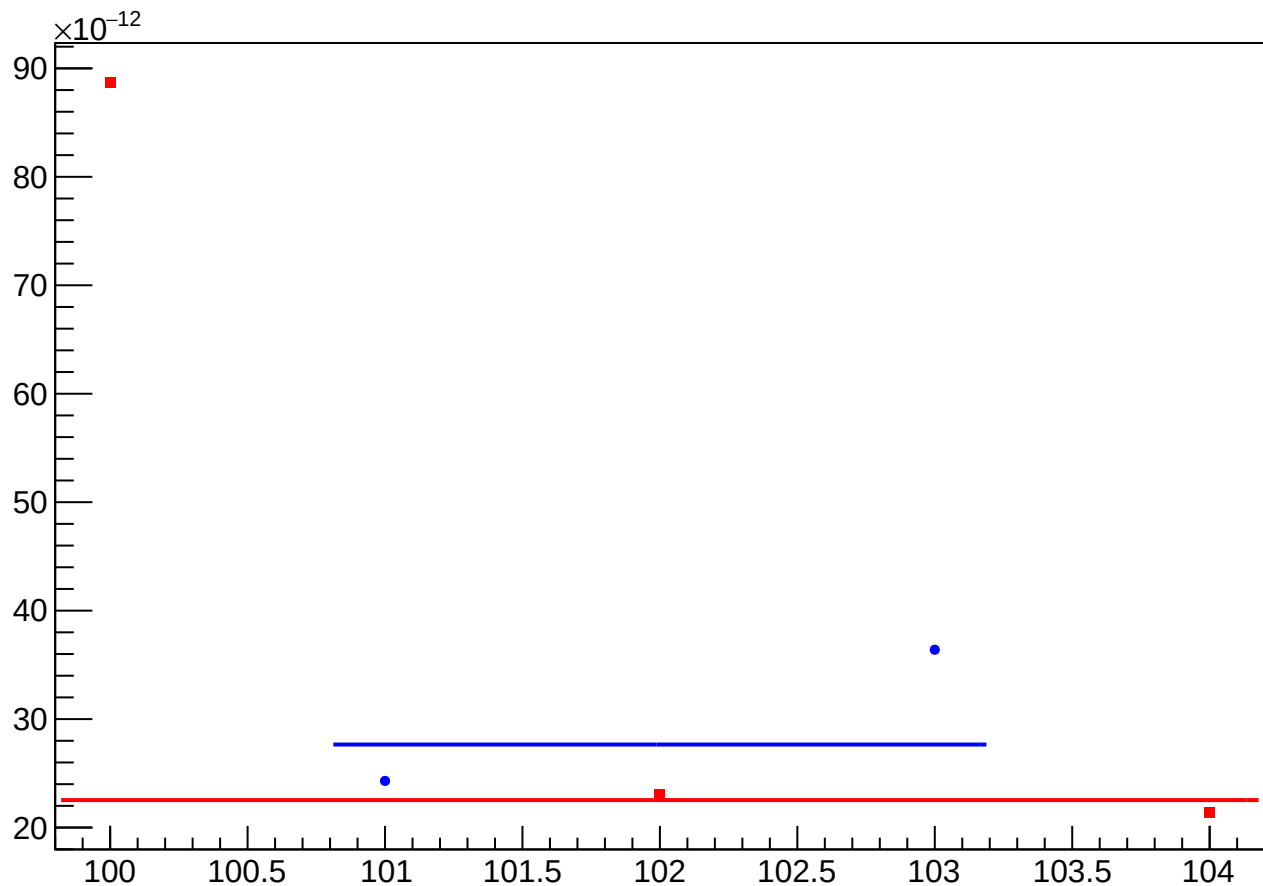
Right: 0.000+/-0.000 χ^2/NDF : 4.1/4

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 : 4.1/4

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 : 62786.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

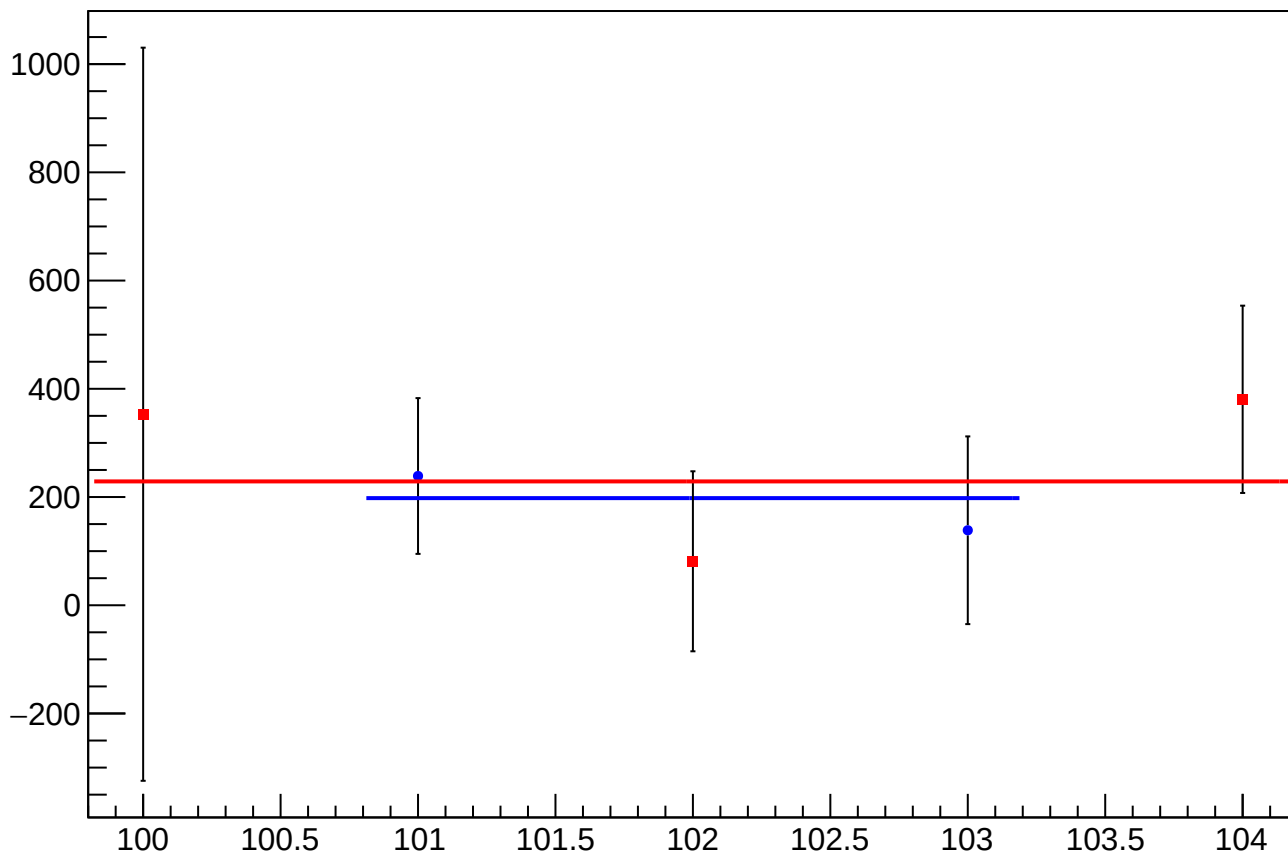
Right: 0.000+/-0.000 χ^2/NDF : 156602.6/4

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 : 156602.6/4

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: 228.856 $\pm$ 118.085 χ^2 /NDF: 1.6/2

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

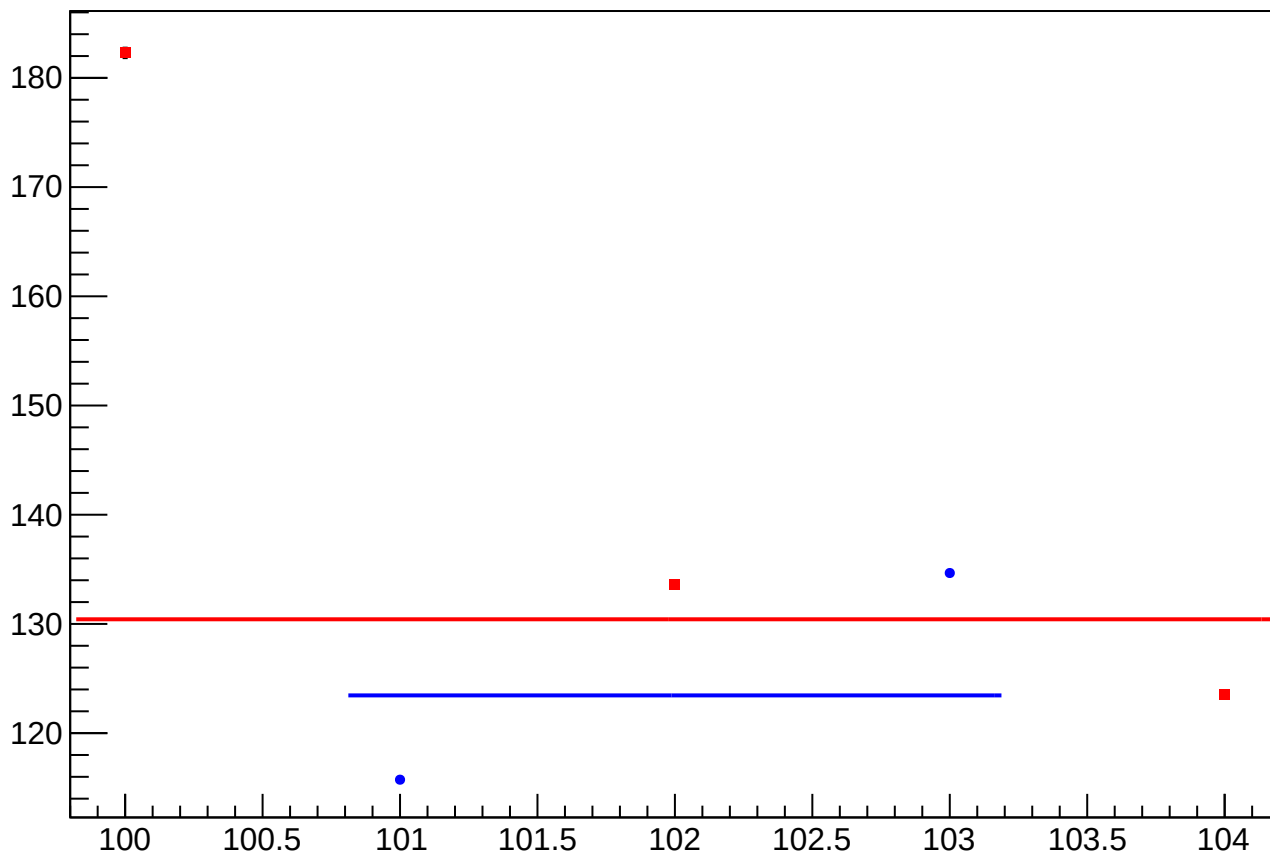
Right: 212.428 $\pm$ 80.784 χ^2 /NDF: 1.8/4

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: 212.428 $\pm$ 80.784 χ^2 /NDF: 1.8/4

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: 130.425+/-0.083 χ^2/NDF : 15639.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

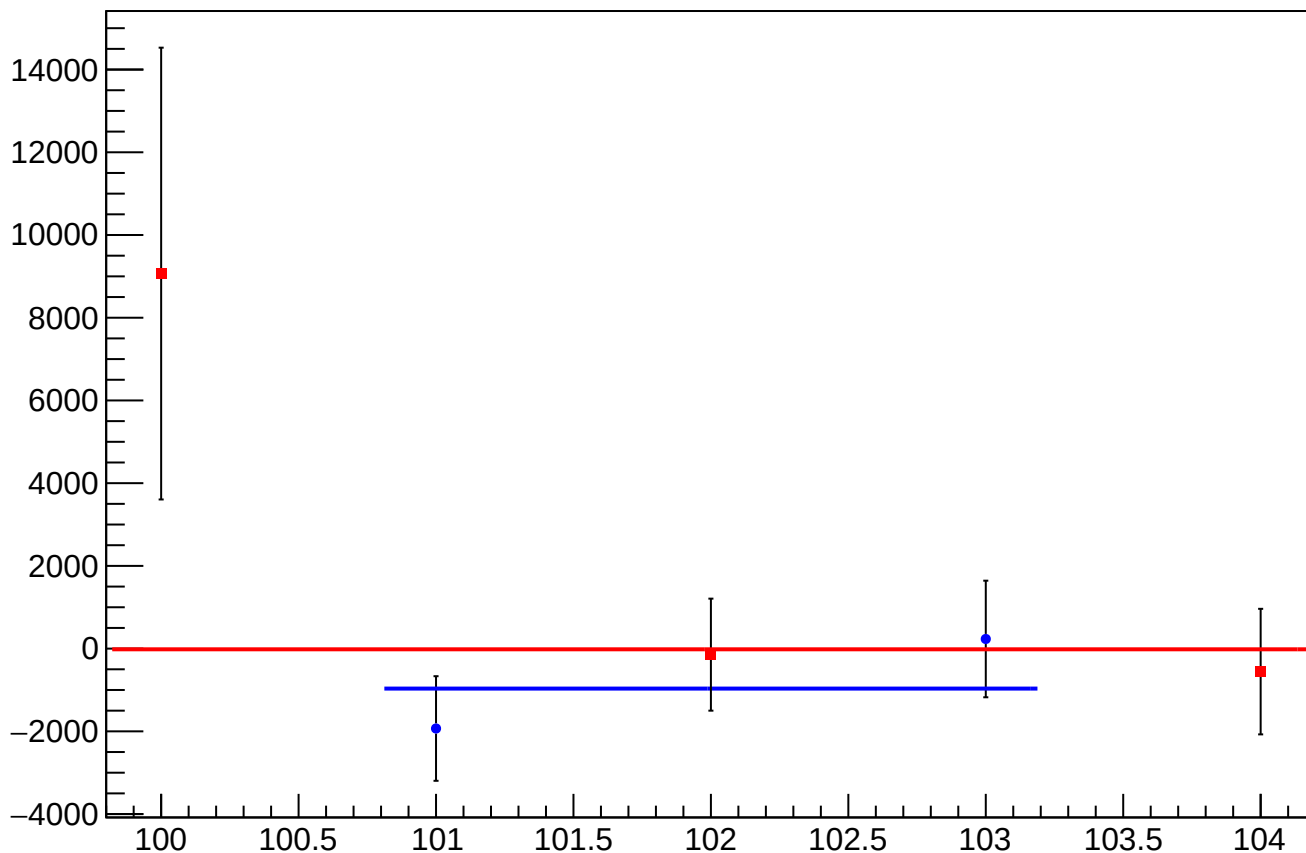
Right: 126.718+/-0.057 χ^2/NDF : 33448.2/4

In: 123.456+/-0.078 χ^2/NDF : 14103.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.718+/-0.057 χ^2/NDF : 33448.2/4

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: -16.572+/-993.602 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

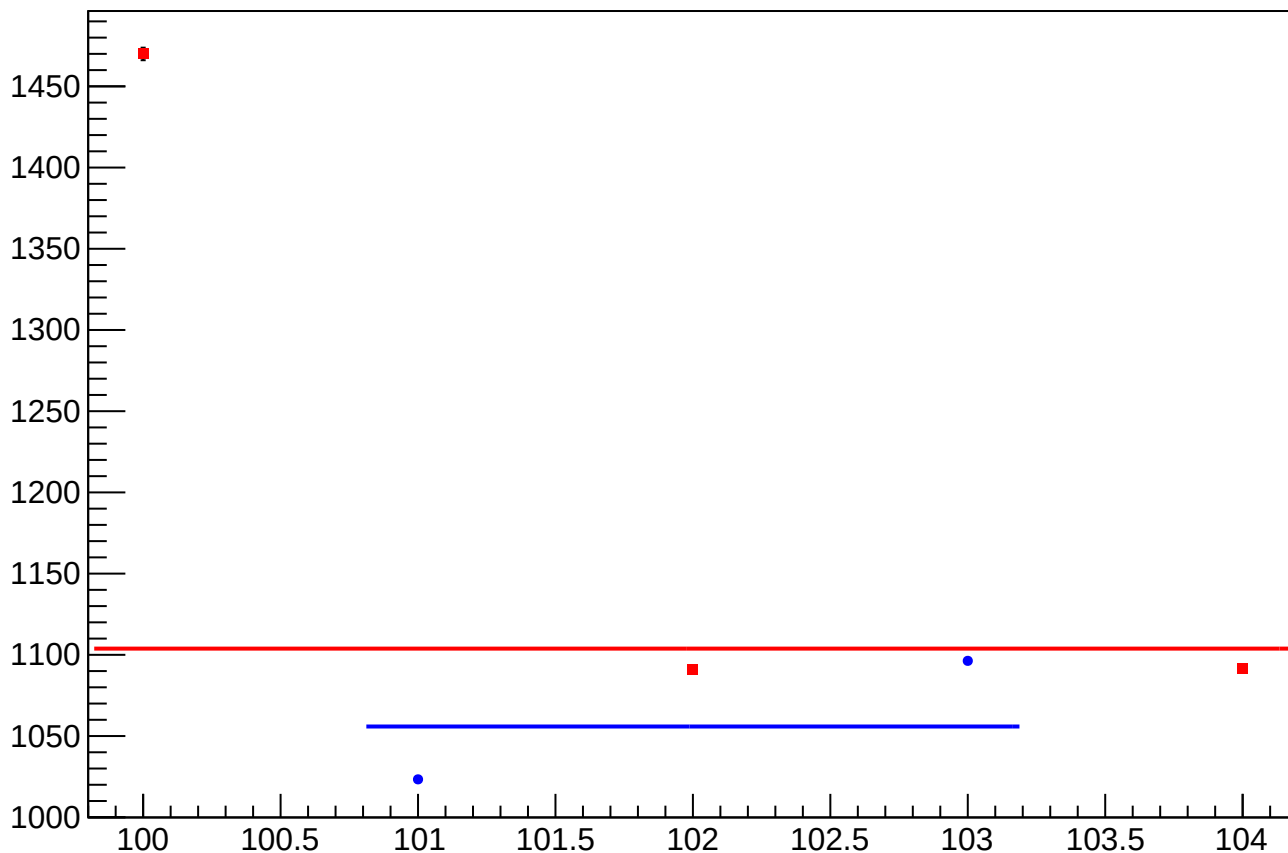
Right: -517.127+/-683.297 χ^2/NDF : 4.7/4

In: -966.259+/-941.182 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -517.127+/-683.297 χ^2/NDF : 4.7/4

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: 1103.828+/-0.703 χ^2/NDF : 9295.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

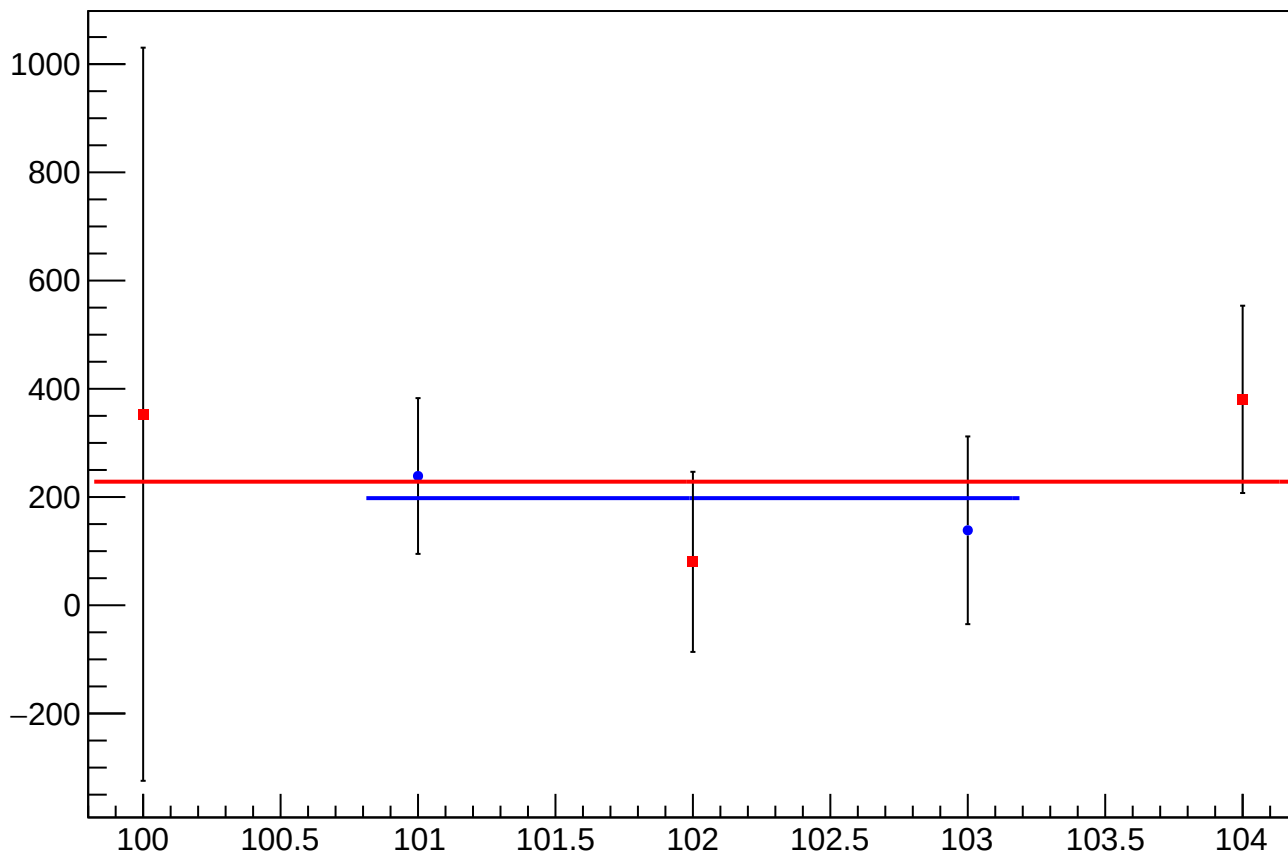
Right: 1078.550+/-0.483 χ^2/NDF : 14720.7/4

In: 1055.869+/-0.666 χ^2/NDF : 2969.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.550+/-0.483 χ^2/NDF : 14720.7/4

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: 228.373 $\pm$ 118.117 χ^2 /NDF: 1.6/2

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

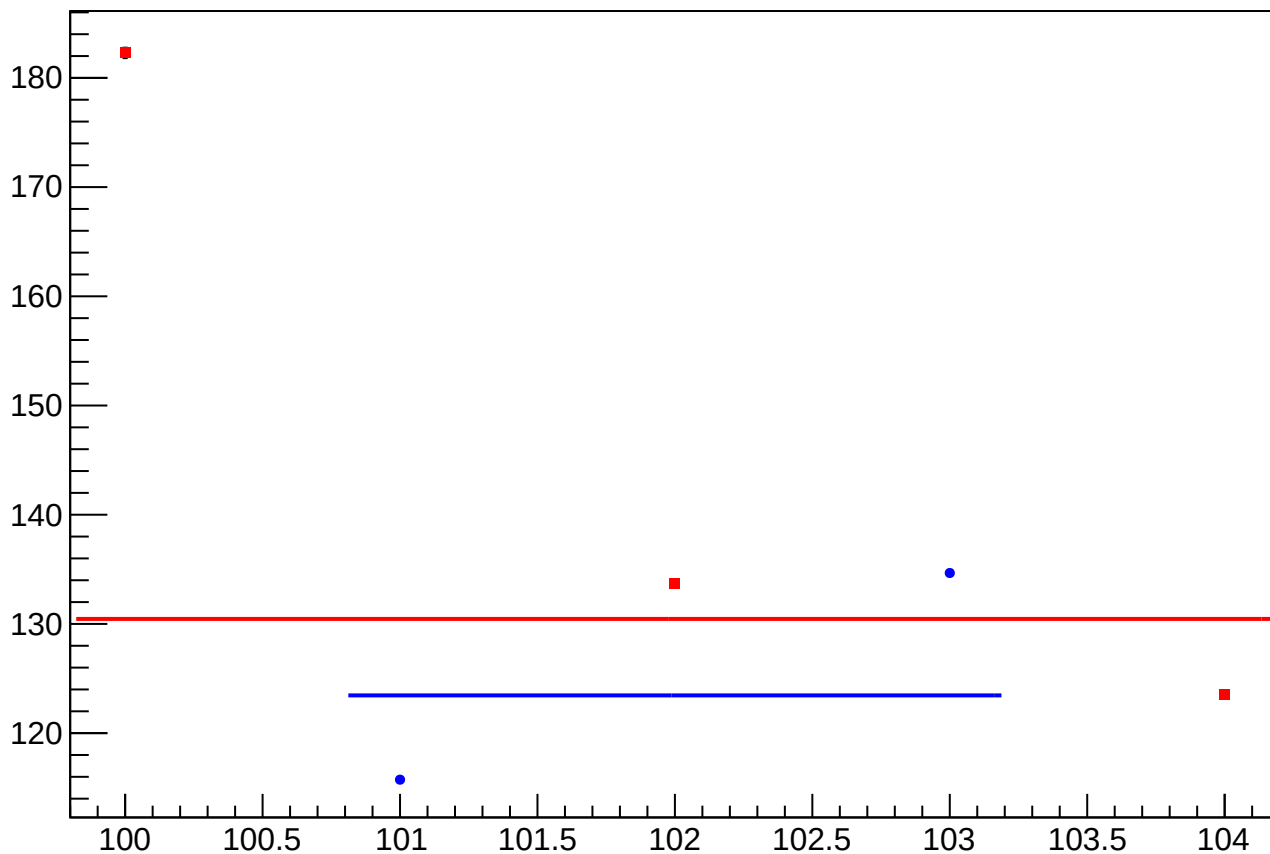
Right: 212.182 $\pm$ 80.794 χ^2 /NDF: 1.8/4

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: 212.182 $\pm$ 80.794 χ^2 /NDF: 1.8/4

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: 130.460+/-0.084 χ^2/NDF : 15670.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

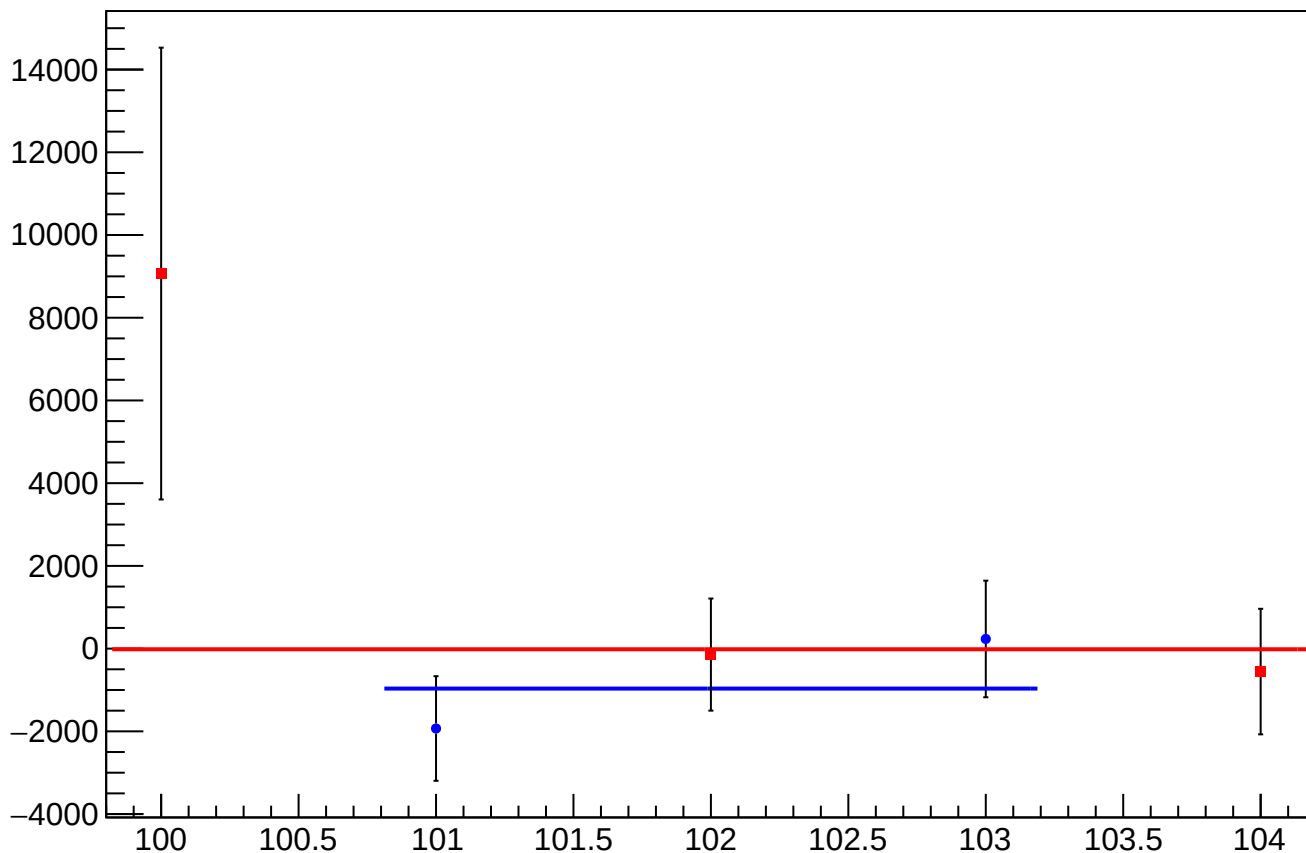
Right: 126.733+/-0.057 χ^2/NDF : 33515.7/4

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.733+/-0.057 χ^2/NDF : 33515.7/4

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: -15.193+/-993.984 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

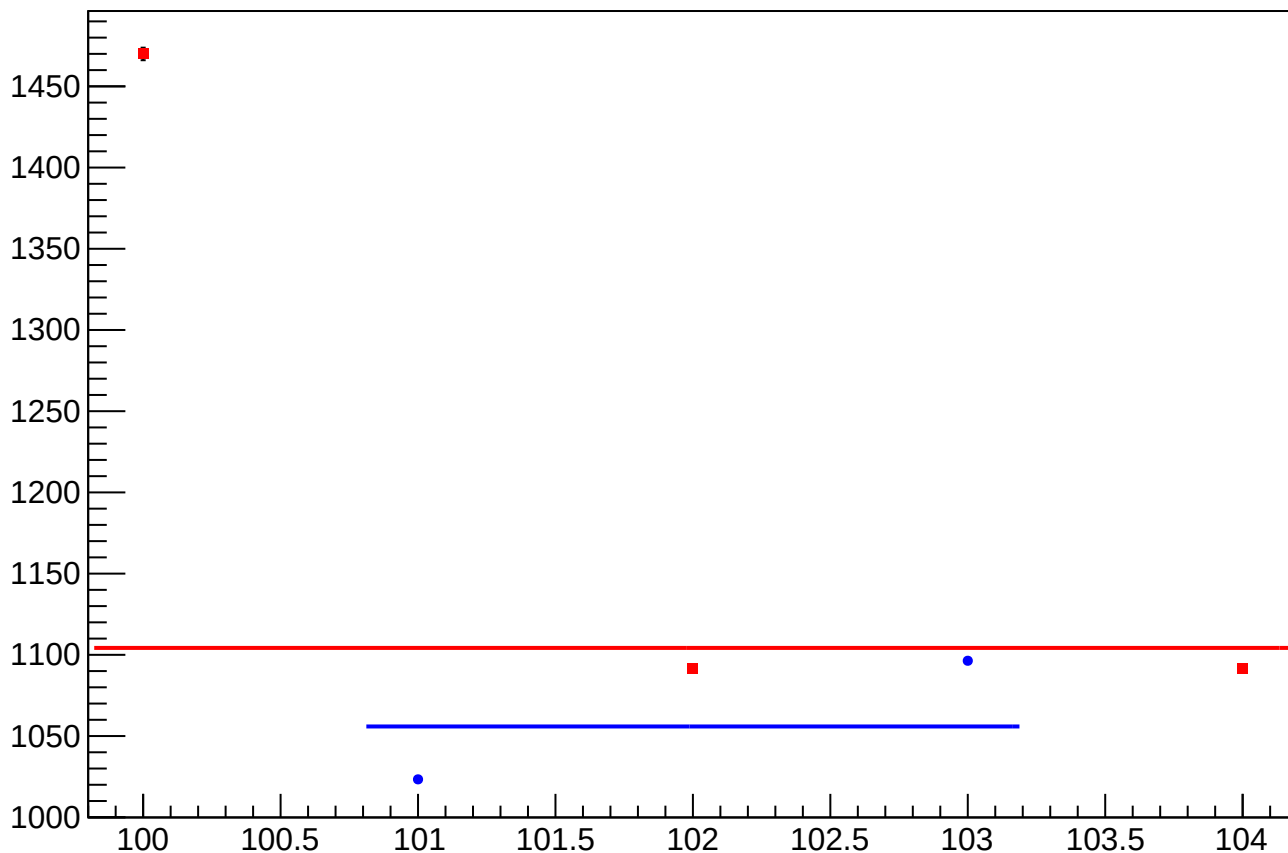
Right: -516.523+/-683.430 χ^2/NDF : 4.7/4

In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.523+/-683.430 χ^2/NDF : 4.7/4

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: 1104.259+/-0.703 χ^2/NDF : 9273.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

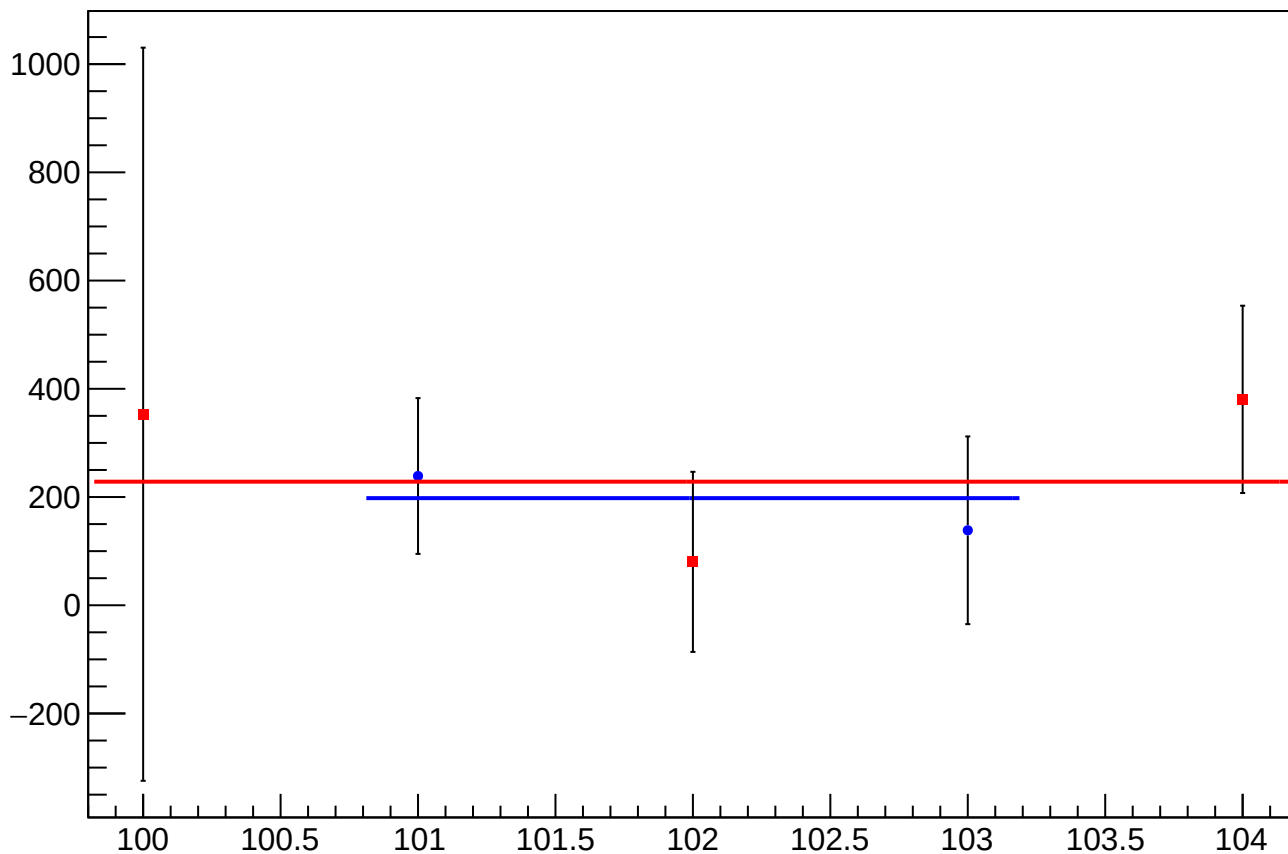
Right: 1078.758+/-0.483 χ^2/NDF : 14744.0/4

In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.758+/-0.483 χ^2/NDF : 14744.0/4

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: 228.373 $\pm$ 118.117 χ^2 /NDF: 1.6/2

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

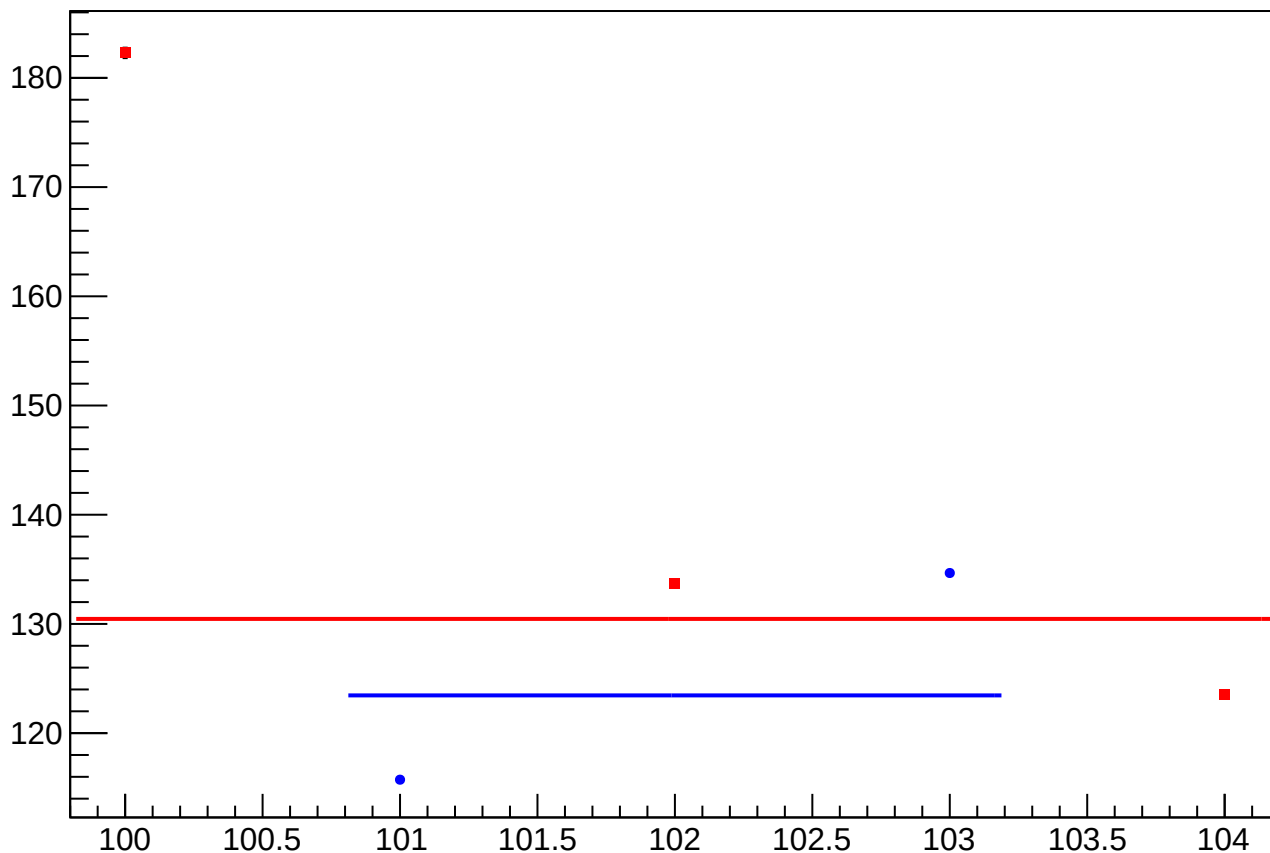
Right: 212.182 $\pm$ 80.794 χ^2 /NDF: 1.8/4

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: 212.182 $\pm$ 80.794 χ^2 /NDF: 1.8/4

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: 130.460+/-0.084 χ^2/NDF : 15670.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

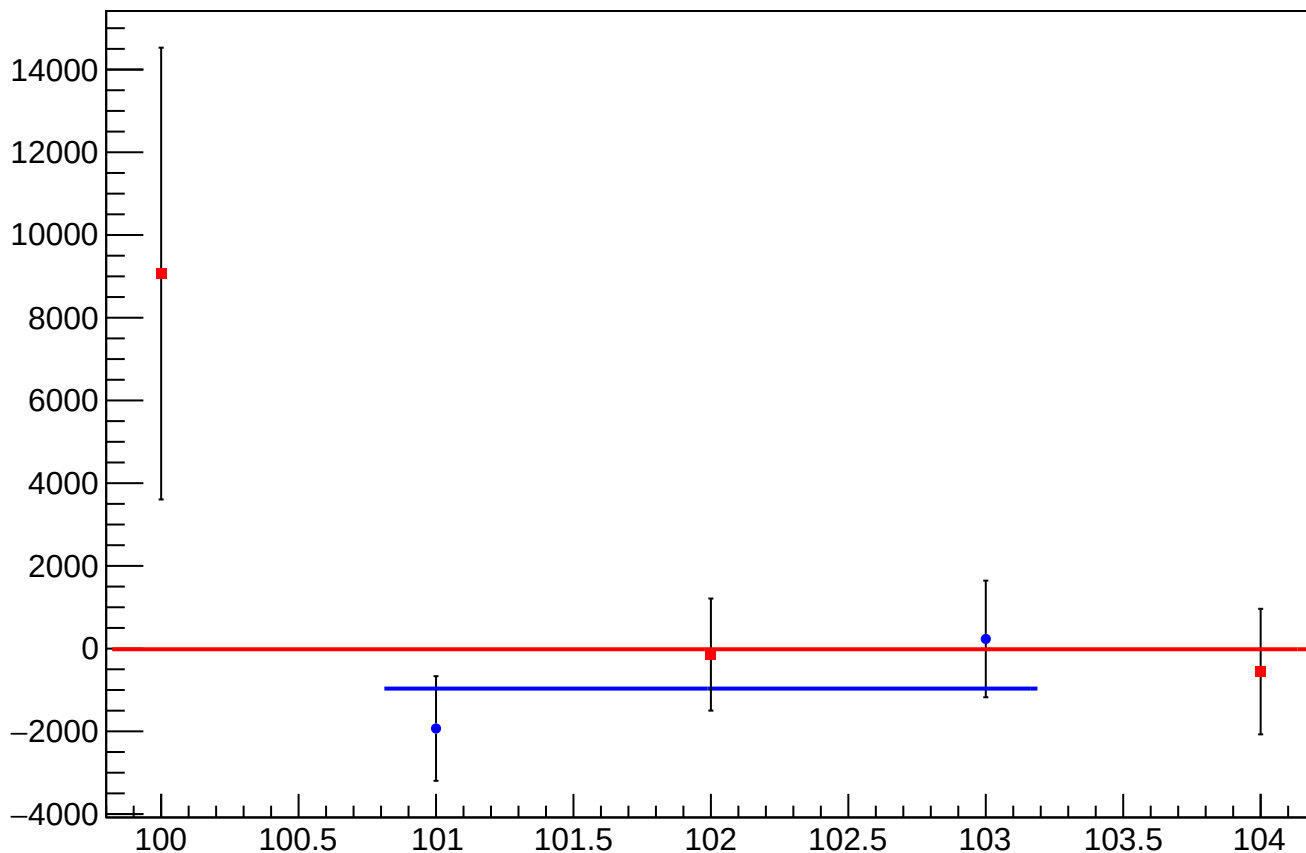
Right: 126.733+/-0.057 χ^2/NDF : 33515.7/4

In: 123.456+/-0.078 χ^2/NDF : 14103.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.733+/-0.057 χ^2/NDF : 33515.7/4

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: -15.193+/-993.984 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

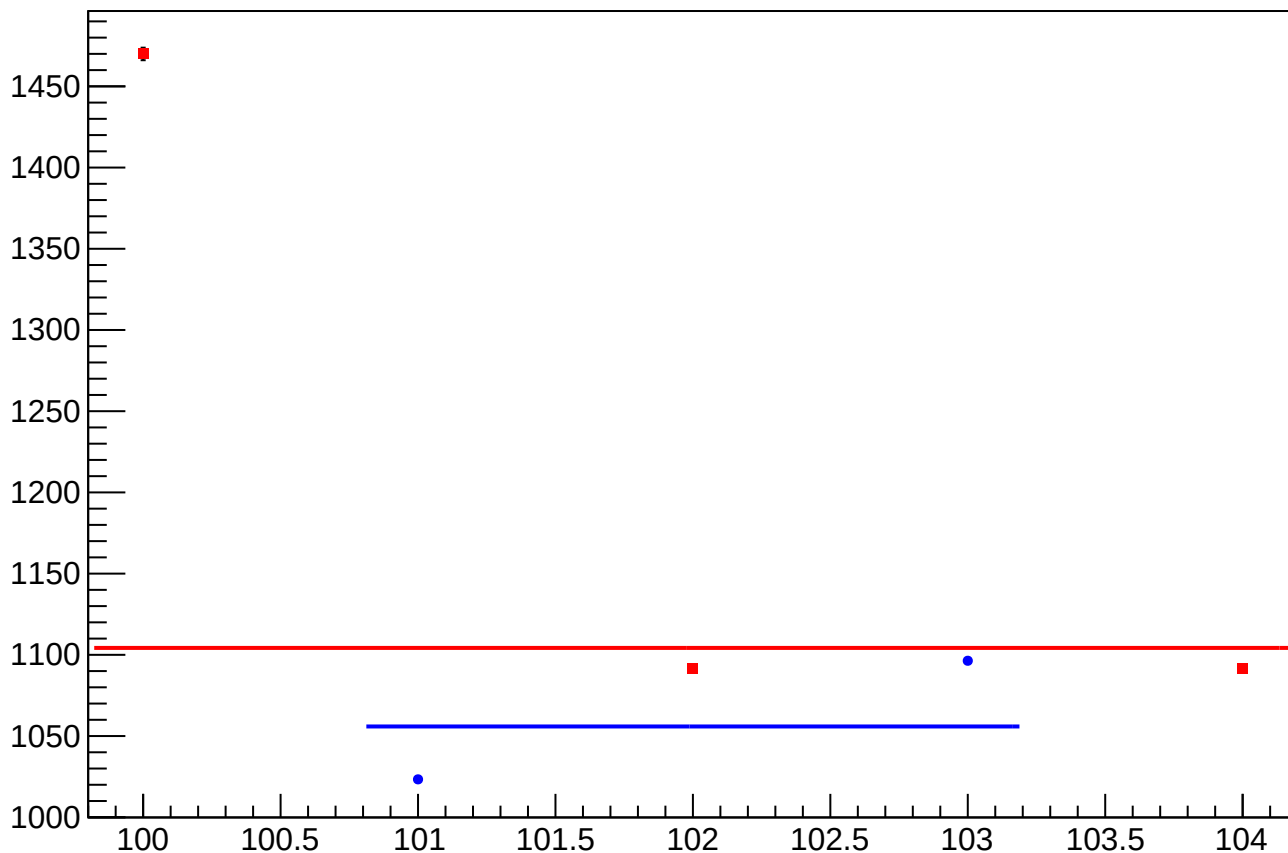
Right: -516.523+/-683.430 χ^2/NDF : 4.7/4

In: -966.028+/-941.206 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -516.523+/-683.430 χ^2/NDF : 4.7/4

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: 1104.259+/-0.703 χ^2/NDF : 9273.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

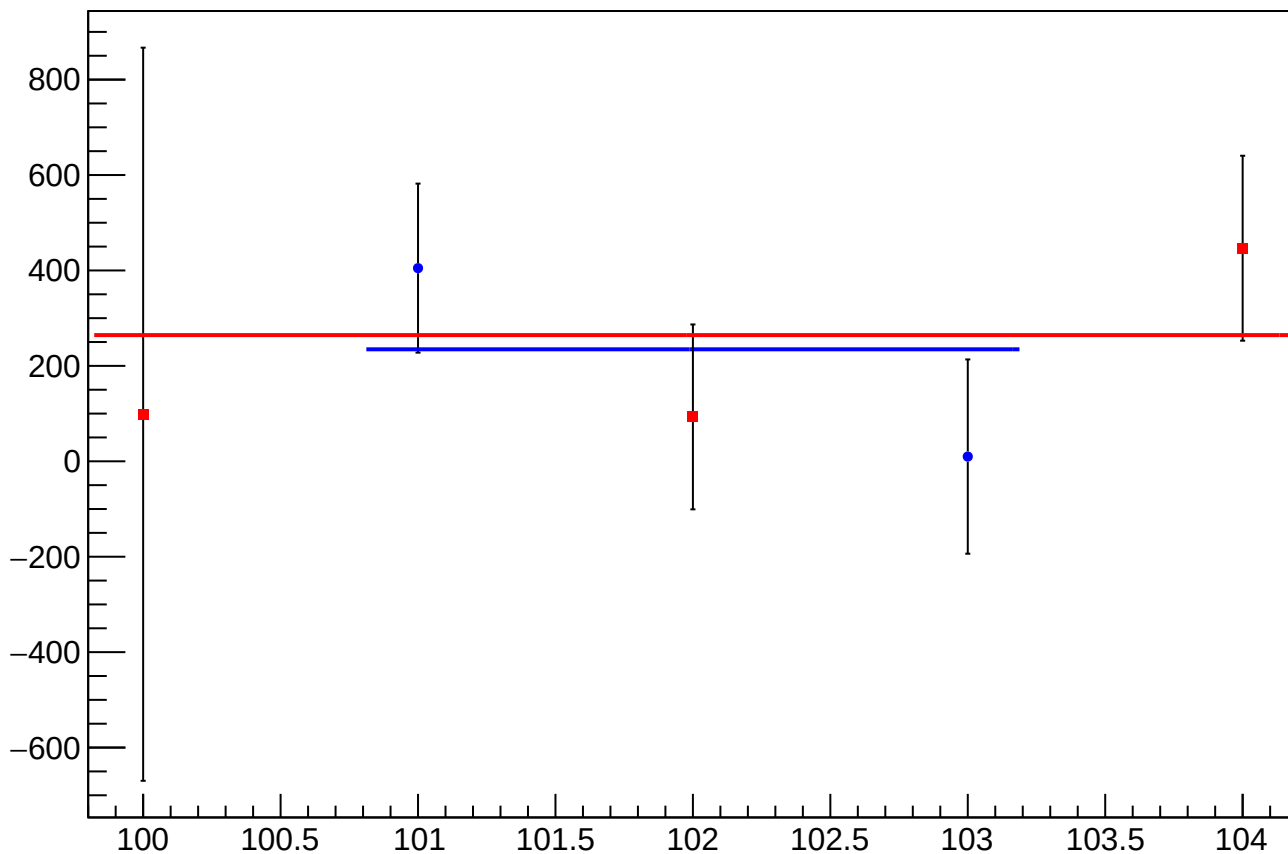
Right: 1078.758+/-0.483 χ^2/NDF : 14744.0/4

In: 1055.893+/-0.666 χ^2/NDF : 2973.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.758+/-0.483 χ^2/NDF : 14744.0/4

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: 264.490 $\pm$ 134.903 χ^2 /NDF: 1.7/2

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

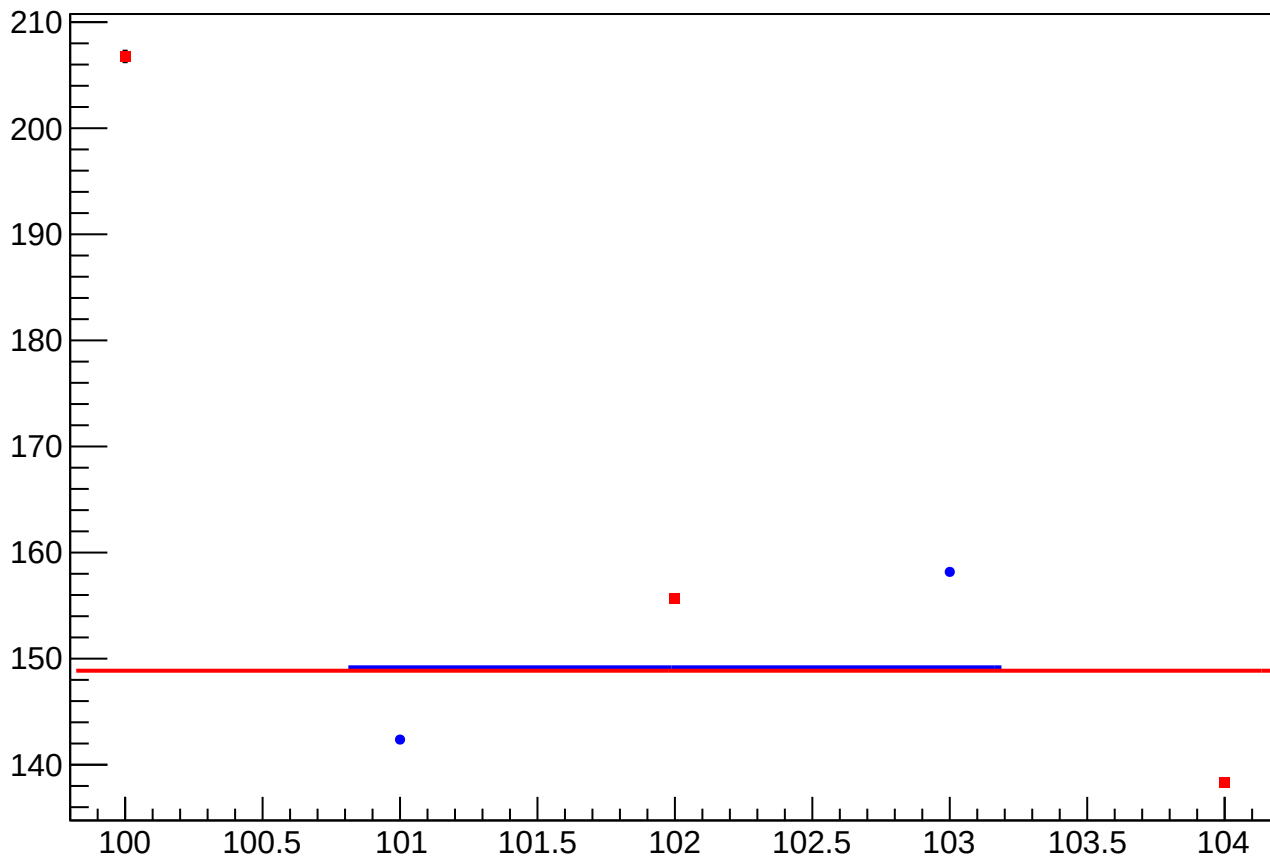
Right: 249.463 $\pm$ 94.937 χ^2 /NDF: 3.9/4

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: 249.463 $\pm$ 94.937 χ^2 /NDF: 3.9/4

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: 148.864+/-0.095 χ^2/NDF : 19742.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

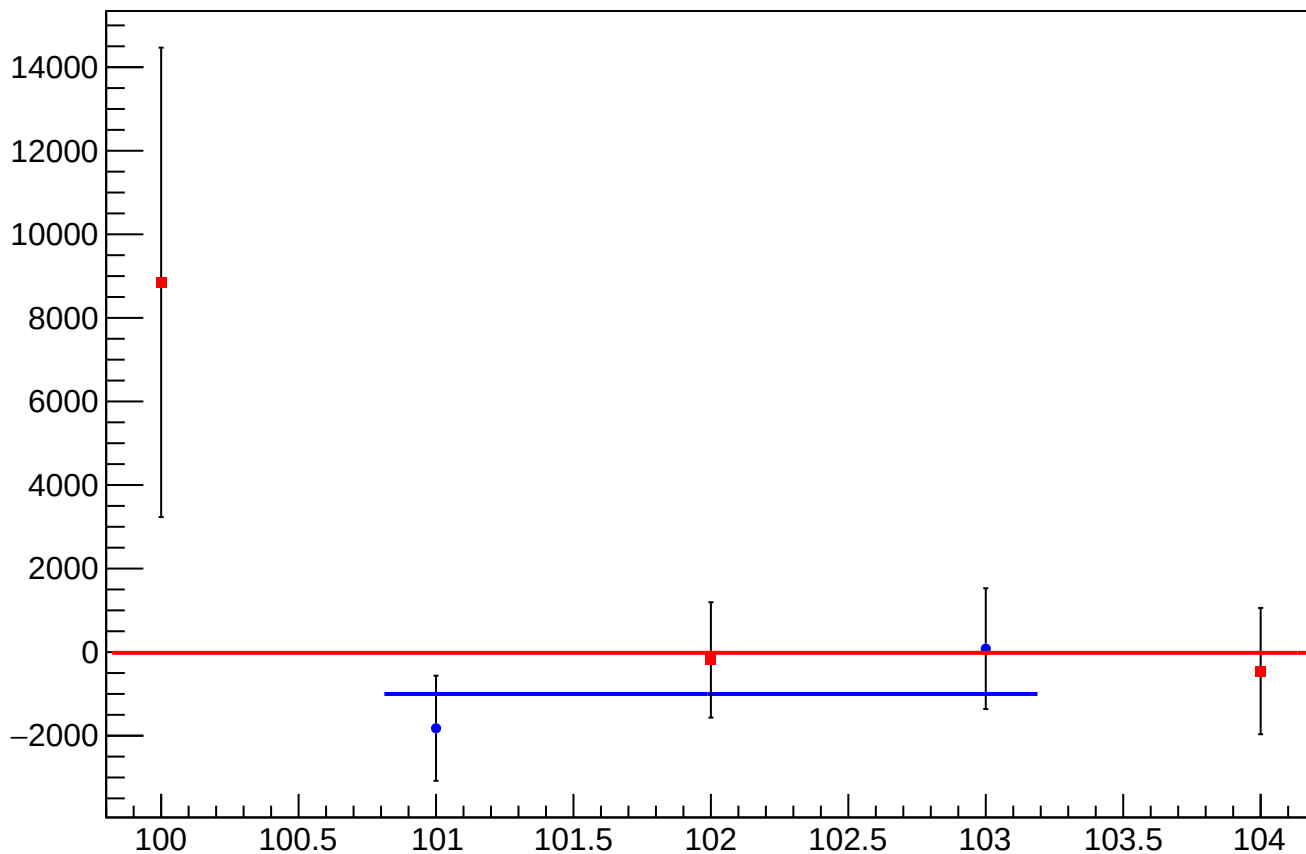
Right: 149.024+/-0.067 χ^2/NDF : 26610.1/4

In: 149.182+/-0.094 χ^2/NDF : 6862.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.024+/-0.067 χ^2/NDF : 26610.1/4

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: -15.827+/-1003.015 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

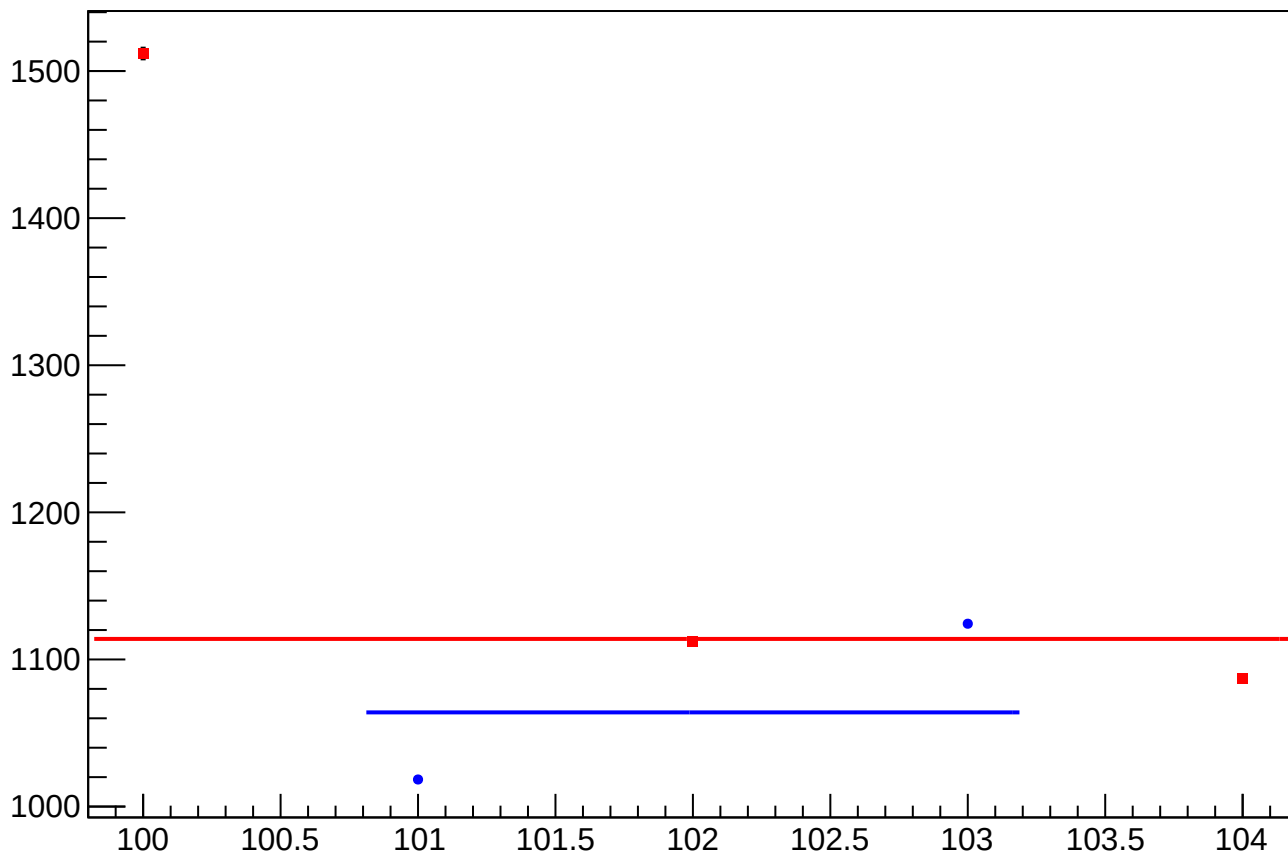
Right: -535.893+/-689.212 χ^2/NDF : 4.1/4

In: -1001.103+/-948.643 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.893+/-689.212 χ^2/NDF : 4.1/4

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: 1113.961+/-0.709 χ^2 /NDF: 10683.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

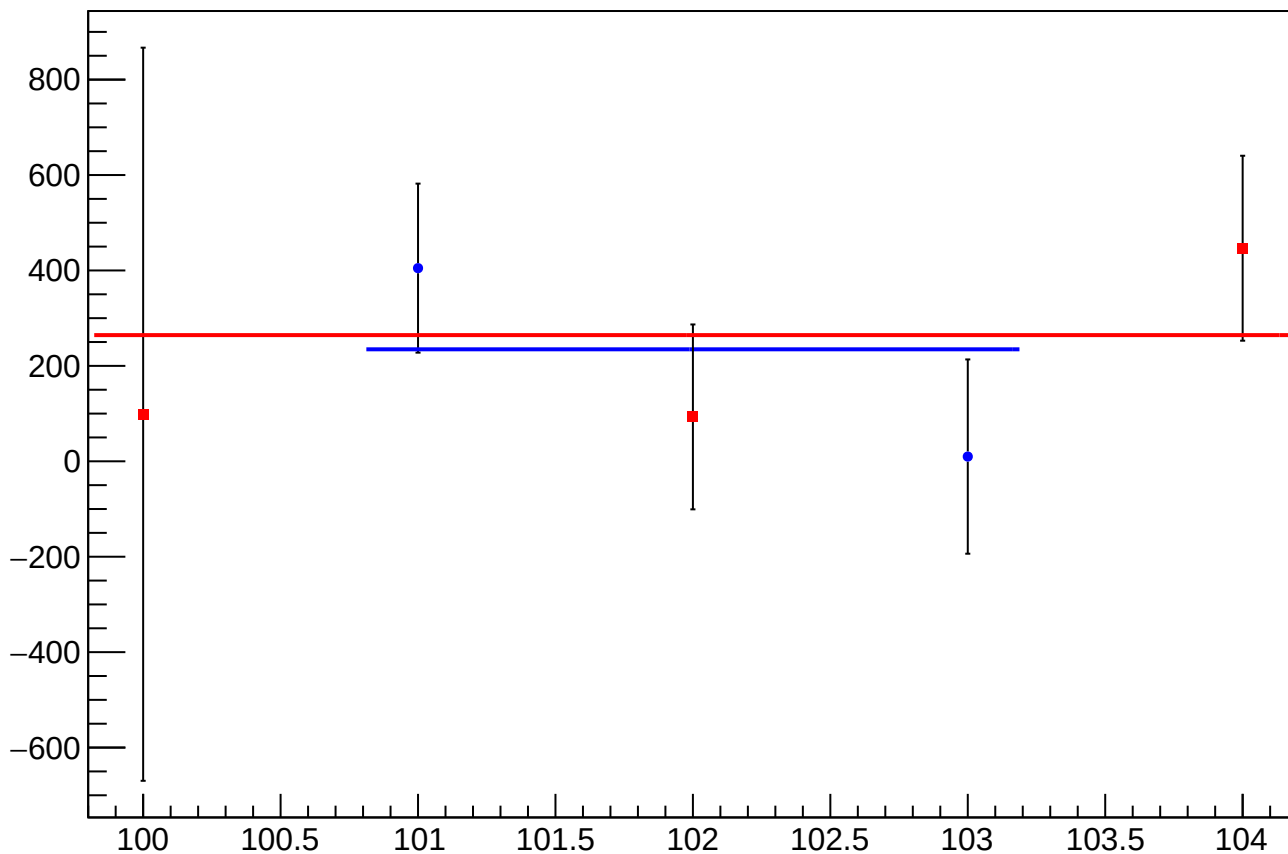
Right: 1087.600+/-0.487 χ^2 /NDF: 19410.8/4

In: 1064.020+/-0.671 χ^2 /NDF:6110.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1087.600+/-0.487 χ^2 /NDF: 19410.8/4

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 234.716 $\pm$ 133.629 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 264.492 $\pm$ 134.903 χ^2 /NDF: 1.7/2

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

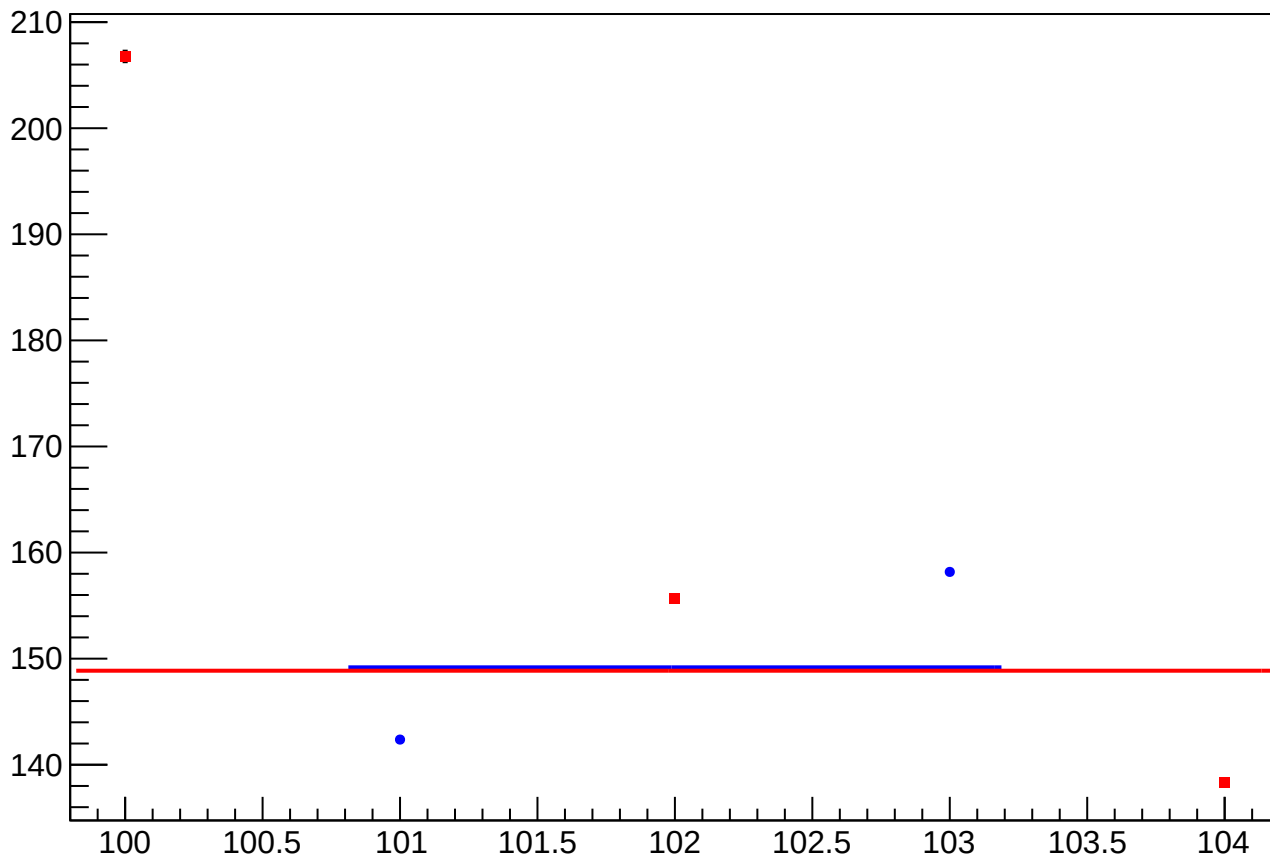
Right: 249.463 $\pm$ 94.937 χ^2 /NDF: 3.9/4

In: 234.716 $\pm$ 133.629 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 249.463 $\pm$ 94.937 χ^2 /NDF: 3.9/4

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: 148.864+/-0.095 χ^2/NDF : 19741.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

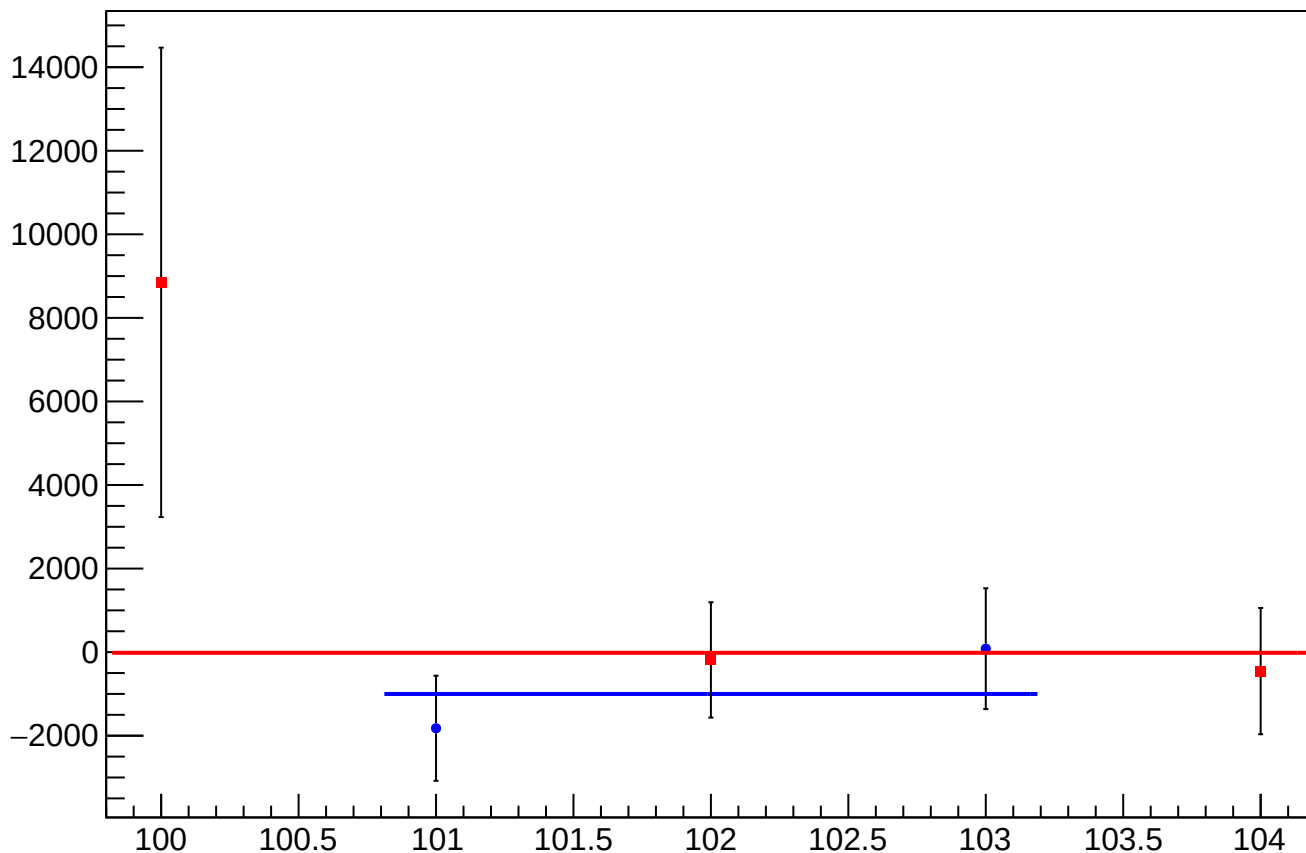
Right: 149.024+/-0.067 χ^2/NDF : 26608.9/4

In: 149.181+/-0.094 χ^2/NDF : 6861.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.024+/-0.067 χ^2/NDF : 26608.9/4

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: -15.826+/-1003.012 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

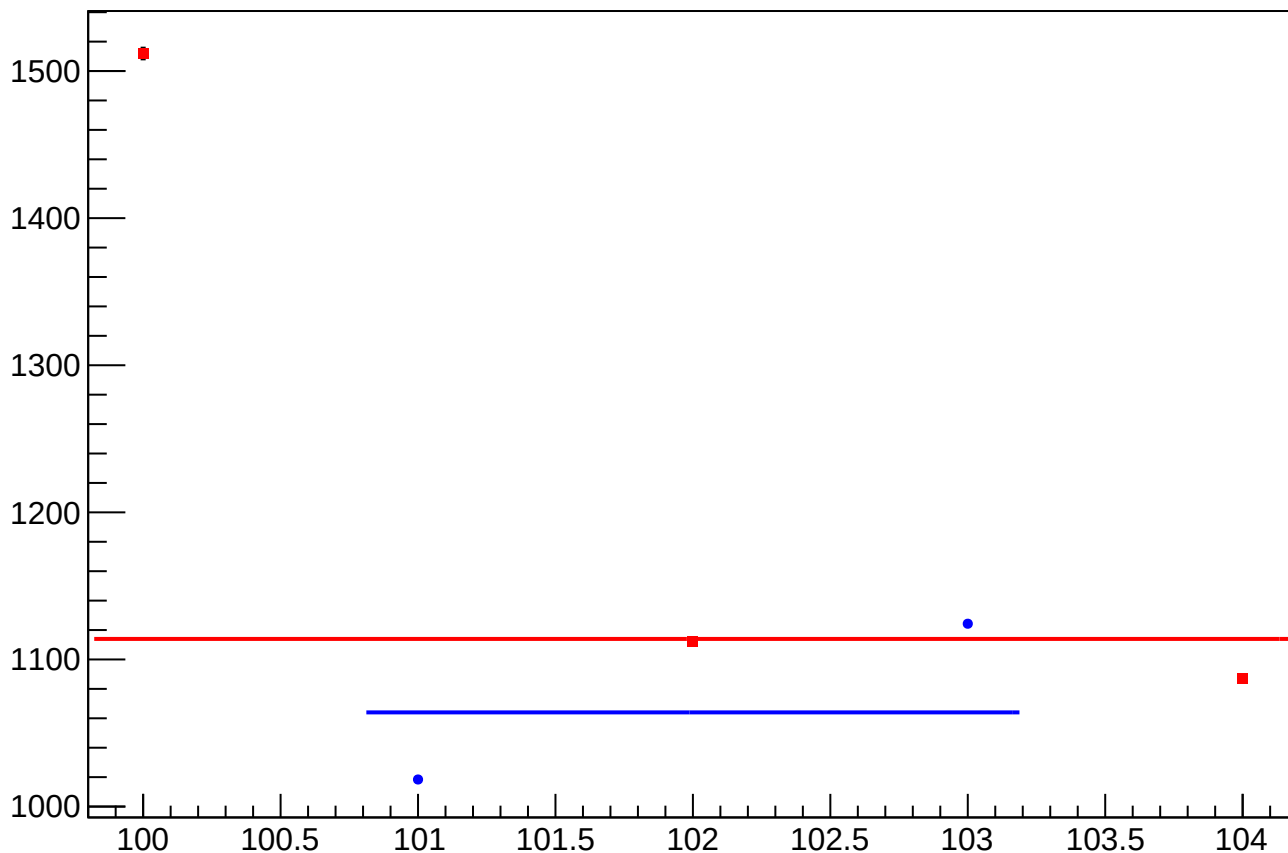
Right: -535.892+/-689.211 χ^2/NDF : 4.1/4

In: -1001.102+/-948.641 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.892+/-689.211 χ^2/NDF : 4.1/4

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: 1113.958+/-0.709 χ^2/NDF : 10683.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

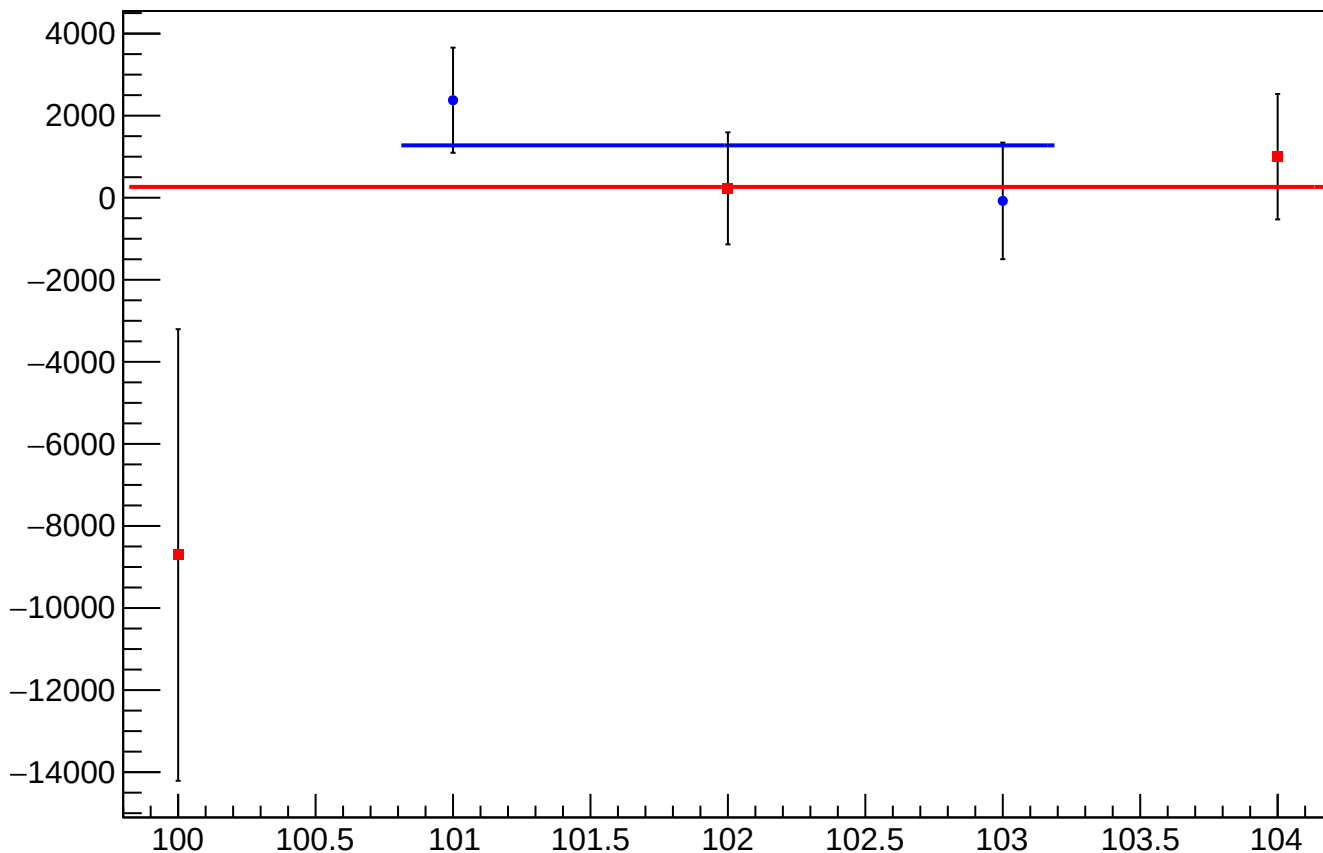
Right: 1087.598+/-0.487 χ^2/NDF : 19410.4/4

In: 1064.018+/-0.671 χ^2/NDF : 6110.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.598+/-0.487 χ^2/NDF : 19410.4/4

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 1275.977 $\pm$ 951.083 χ^2 /NDF: 1.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 263.389 $\pm$ 1000.833 χ^2 /NDF: 2.9/2

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

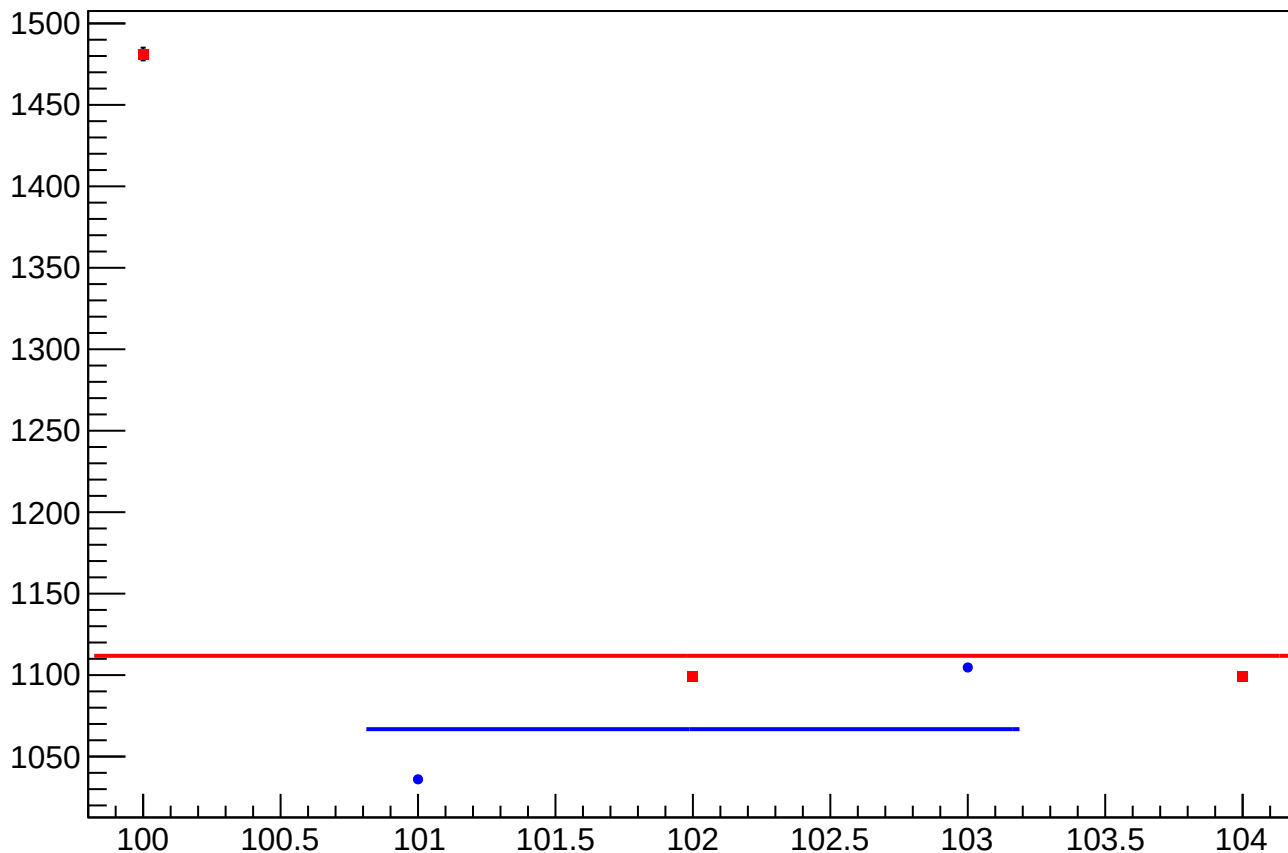
Right: 795.475 $\pm$ 689.434 χ^2 /NDF: 5.1/4

In: 1275.977 $\pm$ 951.083 χ^2 /NDF: 1.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 795.475 $\pm$ 689.434 χ^2 /NDF: 5.1/4

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 1066.812 $\pm$ 0.673 χ^2 /NDF: 2577.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1111.837 $\pm$ 0.708 χ^2 /NDF: 9318.2/2

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

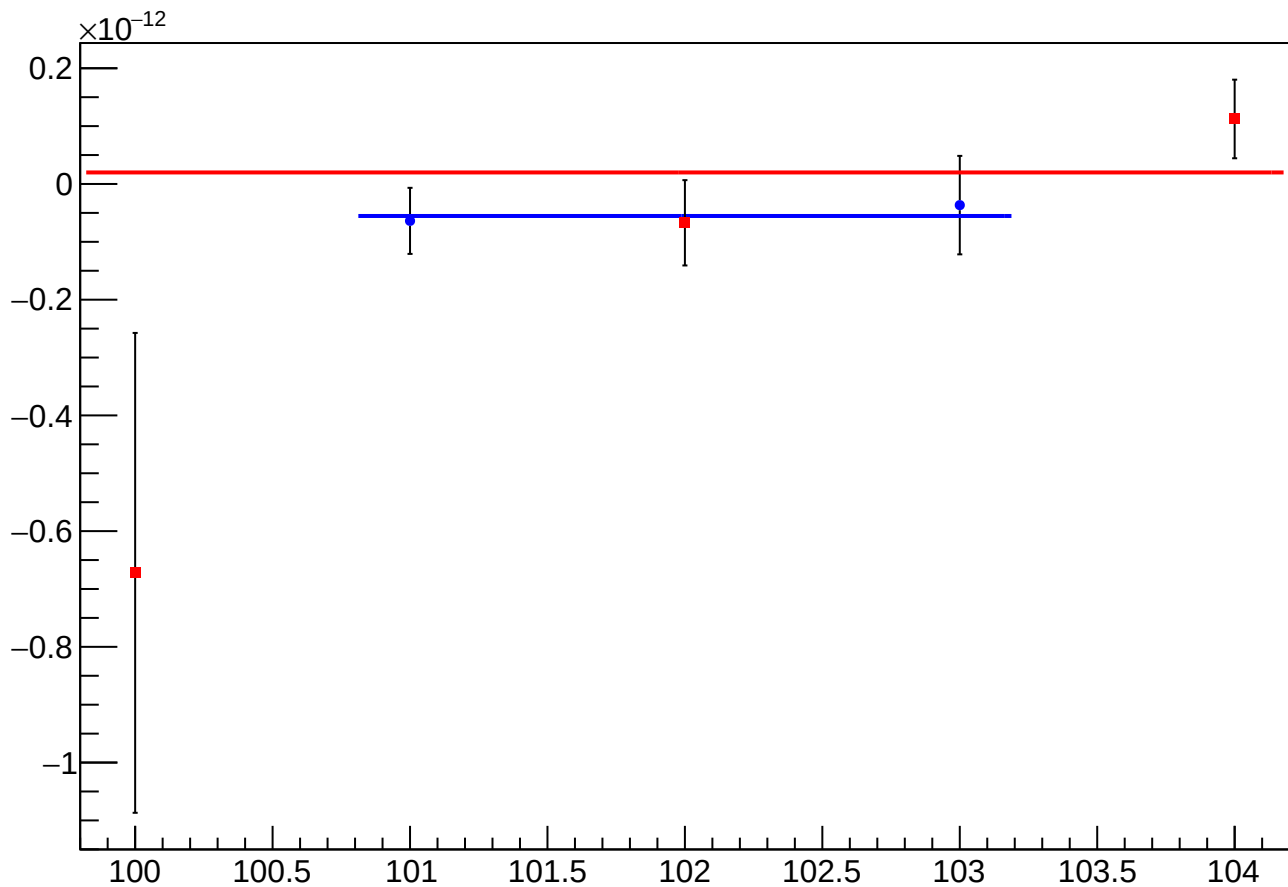
Right: 1088.178 $\pm$ 0.488 χ^2 /NDF: 14022.6/4

In: 1066.812 $\pm$ 0.673 χ^2 /NDF:2577.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1088.178 $\pm$ 0.488 χ^2 /NDF: 14022.6/4

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: 6.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

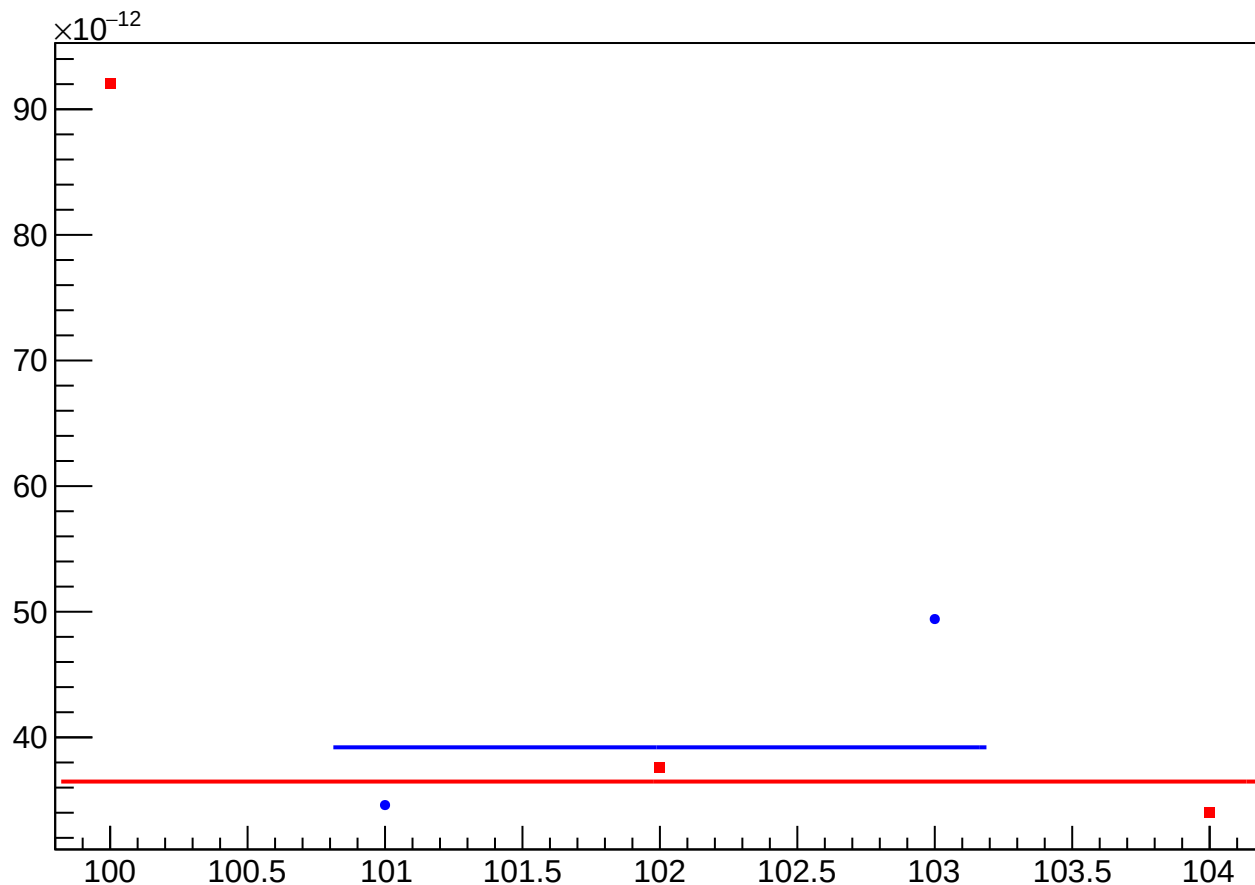
Right: -0.000+/-0.000 χ^2 /NDF: 7.3/4

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: 7.3/4

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 : 38965.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

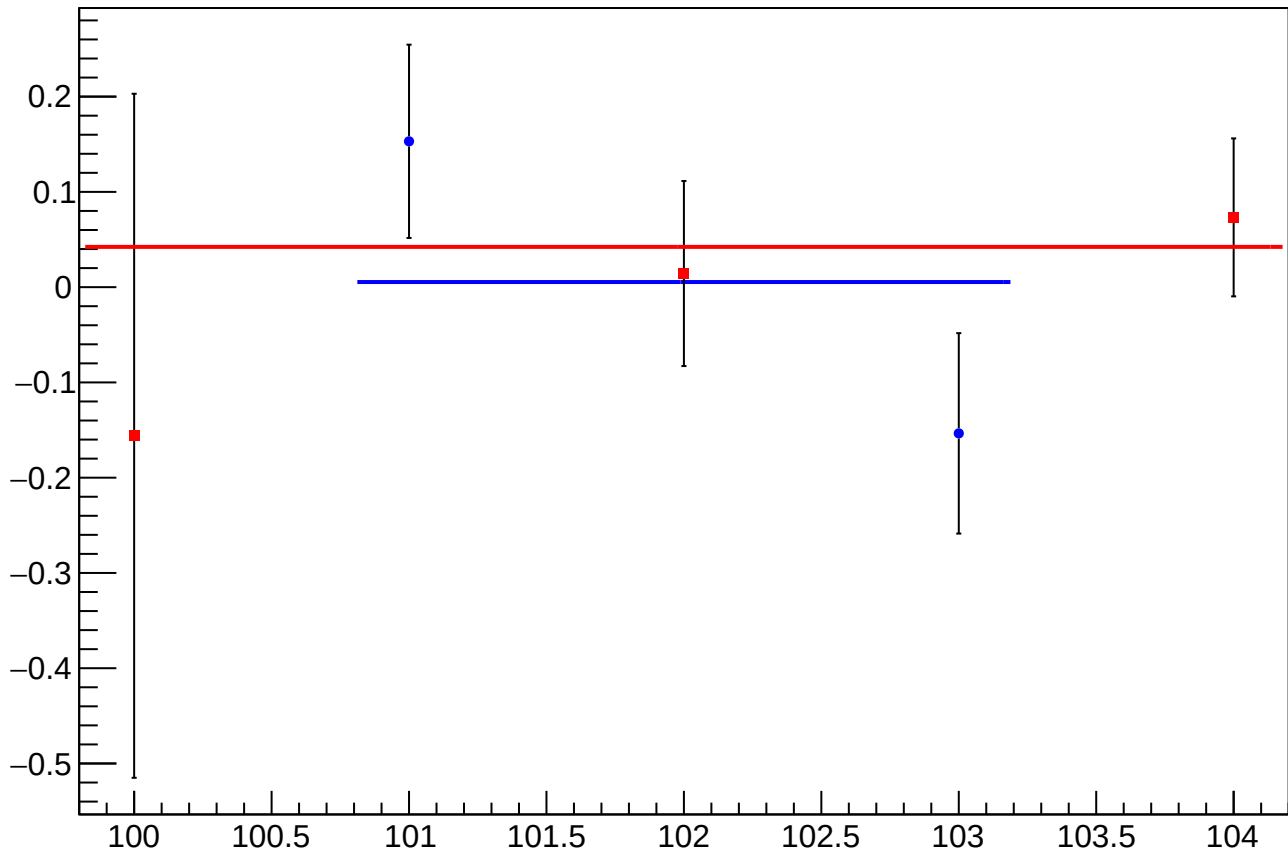
Right: 0.000+/-0.000 χ^2/NDF : 83886.5/4

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 : 83886.5/4

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: 0.042 $\pm$ 0.062 χ^2 /NDF: 0.5/2

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

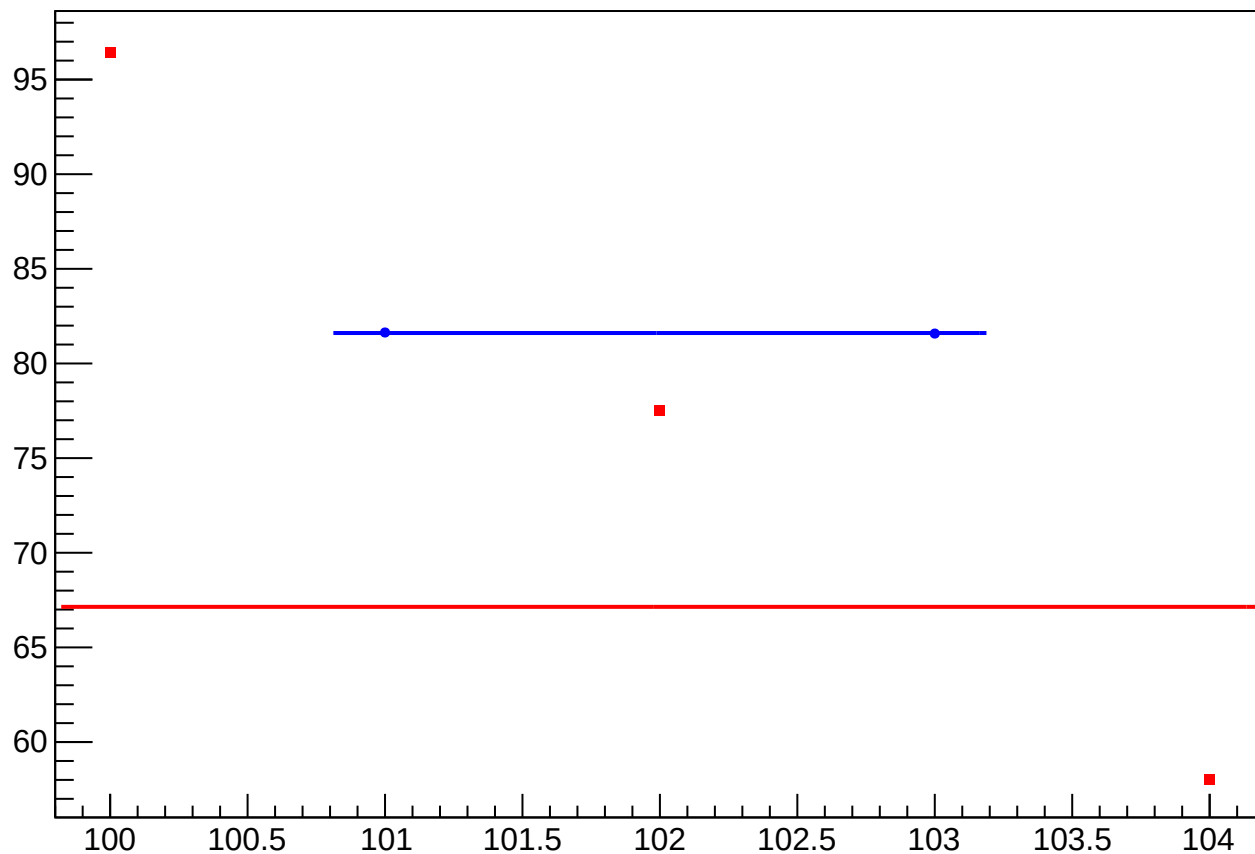
Right: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 67.142 $\pm$ 0.044 χ^2 /NDF: 60453.3/2

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

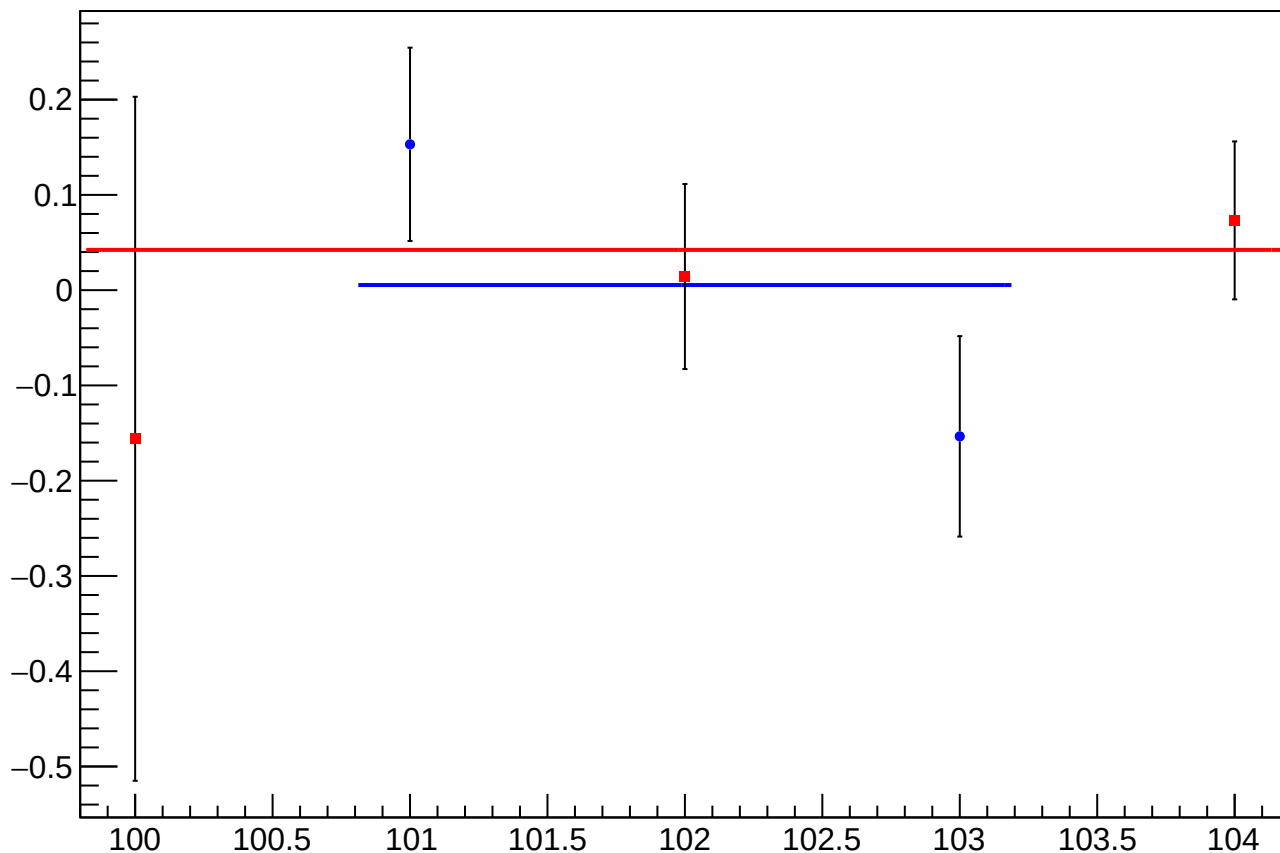
Right: 73.214 $\pm$ 0.033 χ^2 /NDF: 106003.0/4

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: 73.214 $\pm$ 0.033 χ^2 /NDF: 106003.0/4

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: 0.042 $\pm$ 0.062 χ^2 /NDF: 0.5/2

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

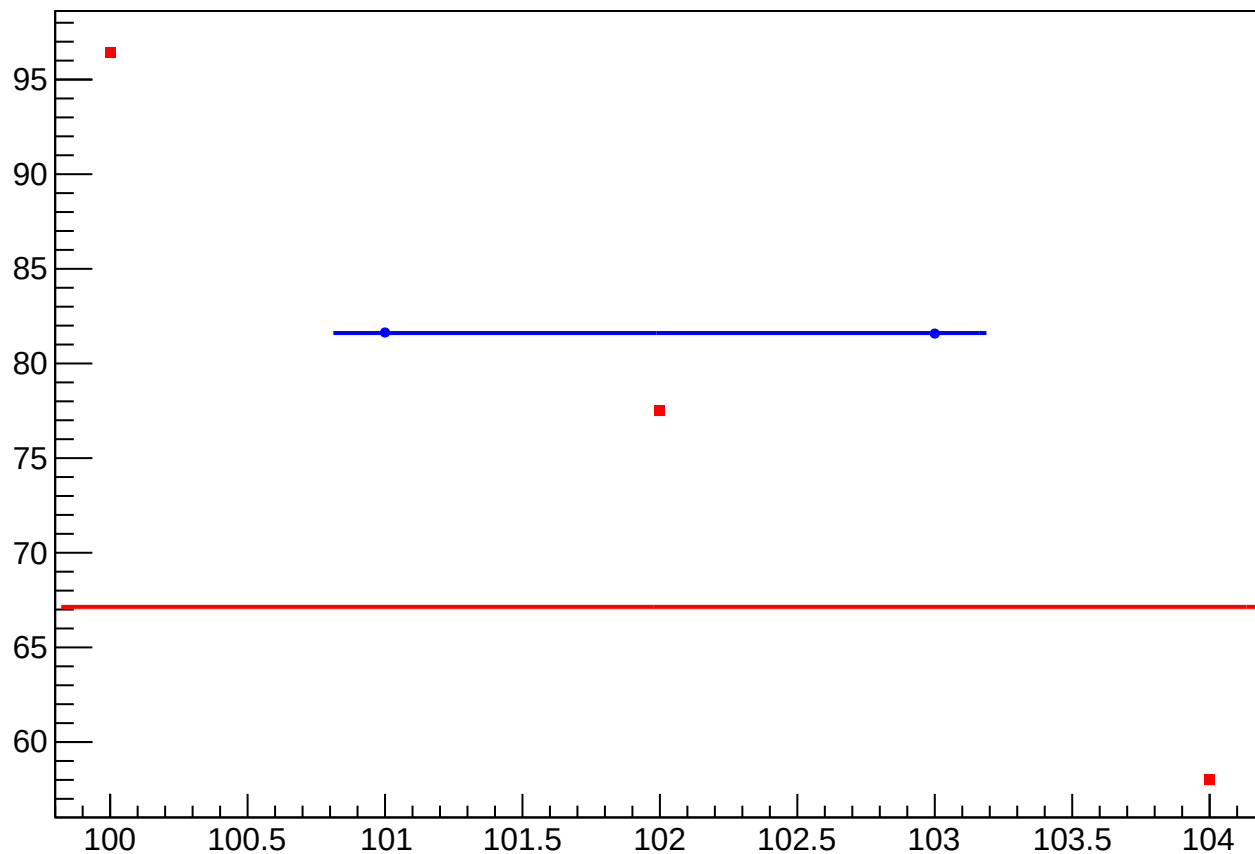
Right: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 67.142 $\pm$ 0.044 χ^2 /NDF: 60453.3/2

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

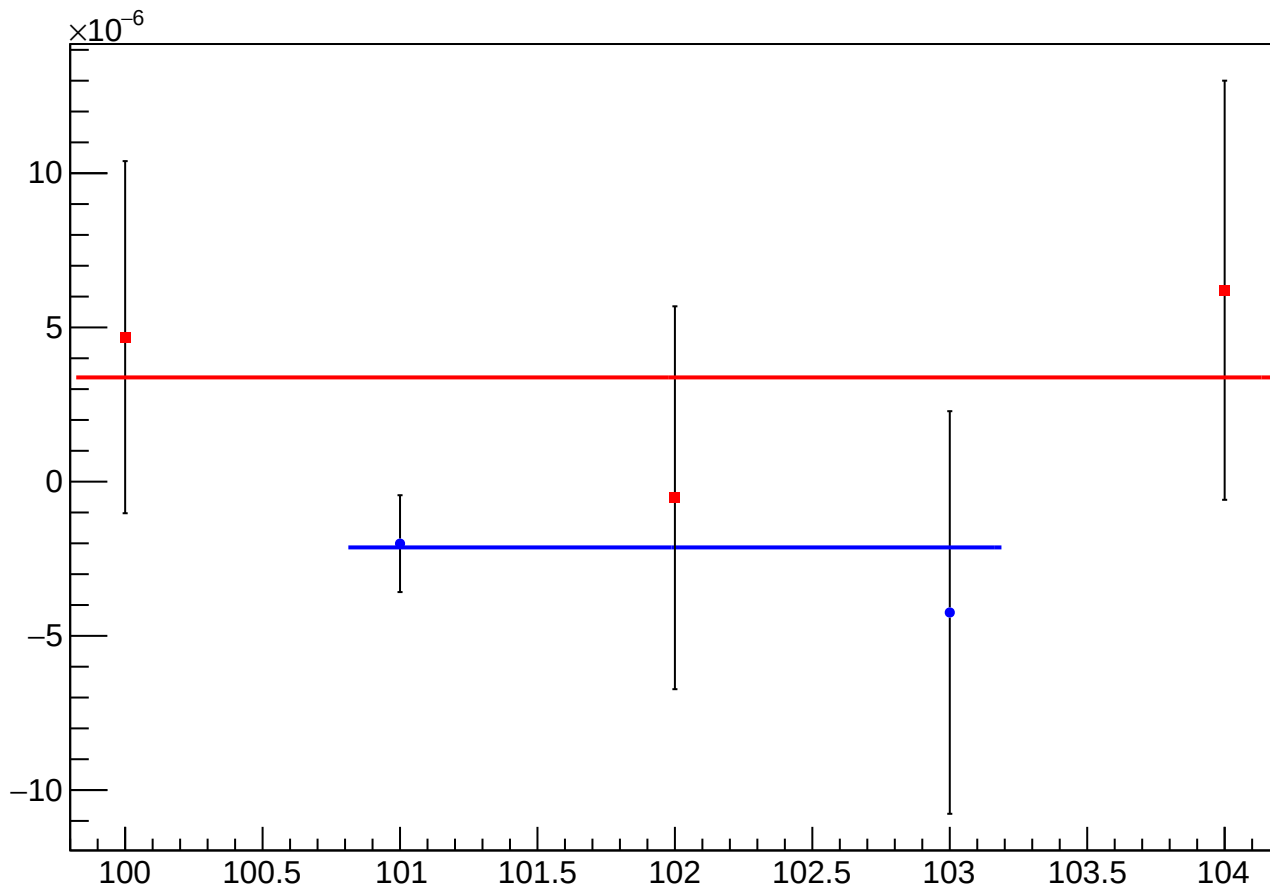
Right: 73.214 $\pm$ 0.033 χ^2 /NDF: 106003.0/4

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: 73.214 $\pm$ 0.033 χ^2 /NDF: 106003.0/4

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 : 0.6/2

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

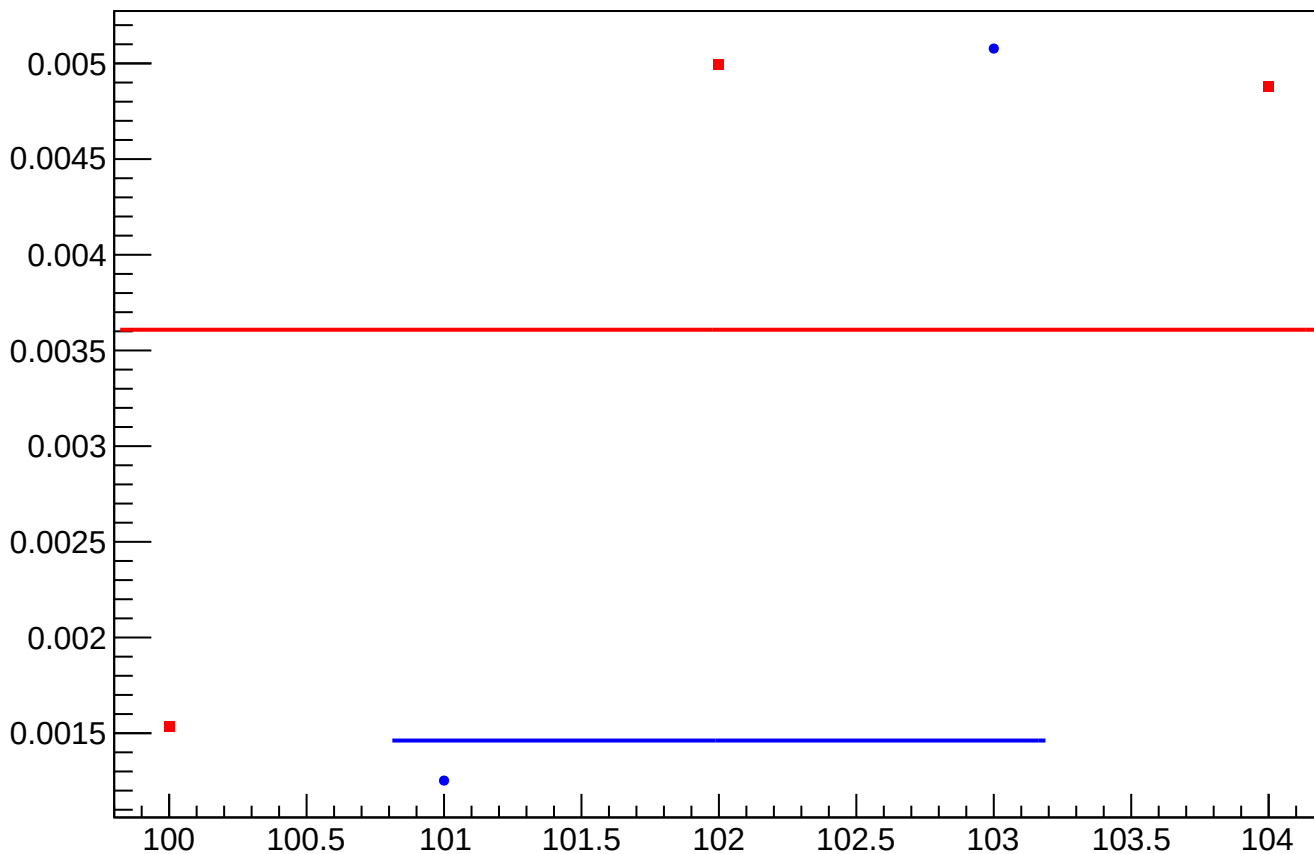
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 2.7/4

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 : 2.7/4

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 : 433621.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

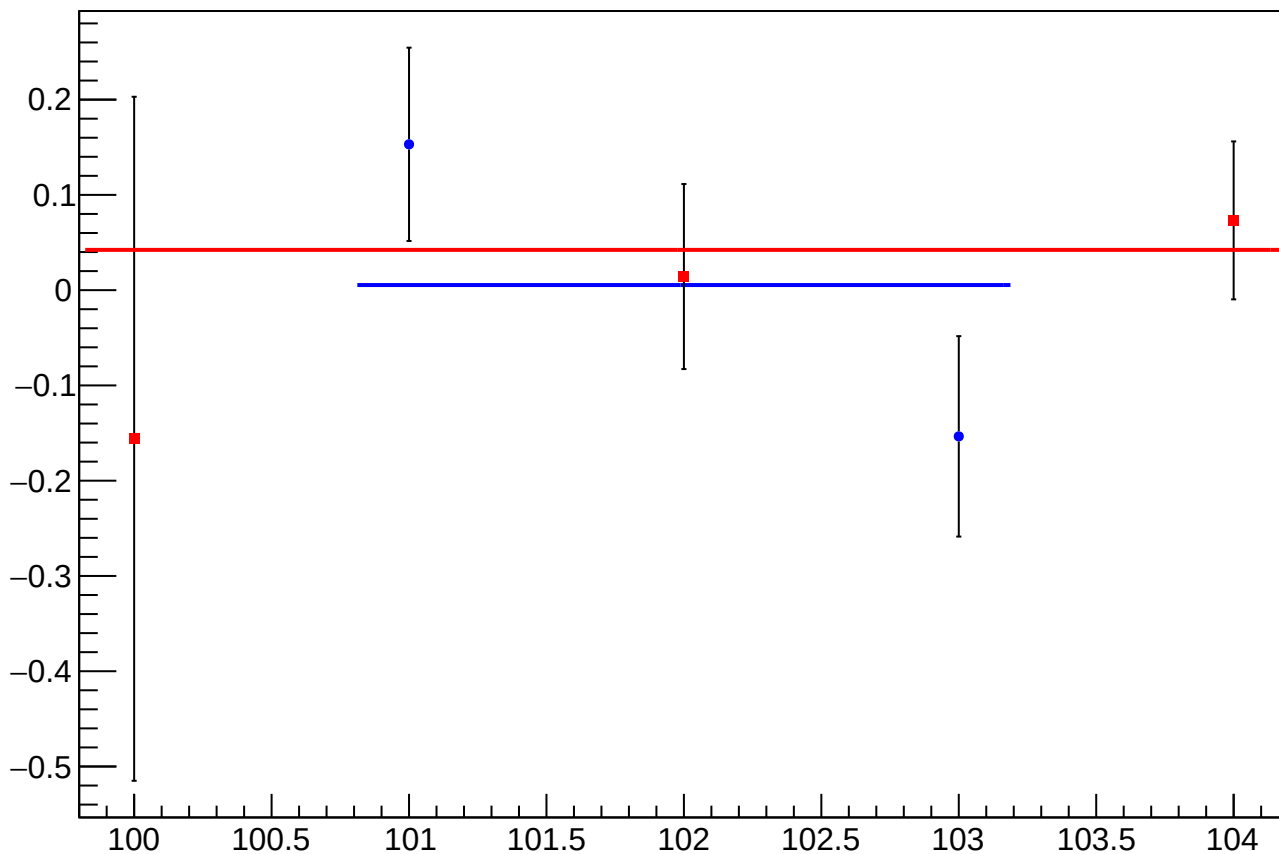
Right: 0.002+/-0.000 χ^2/NDF : 1693241.5/4

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 : 1693241.5/4

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: 0.042 $\pm$ 0.062 χ^2 /NDF: 0.5/2

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

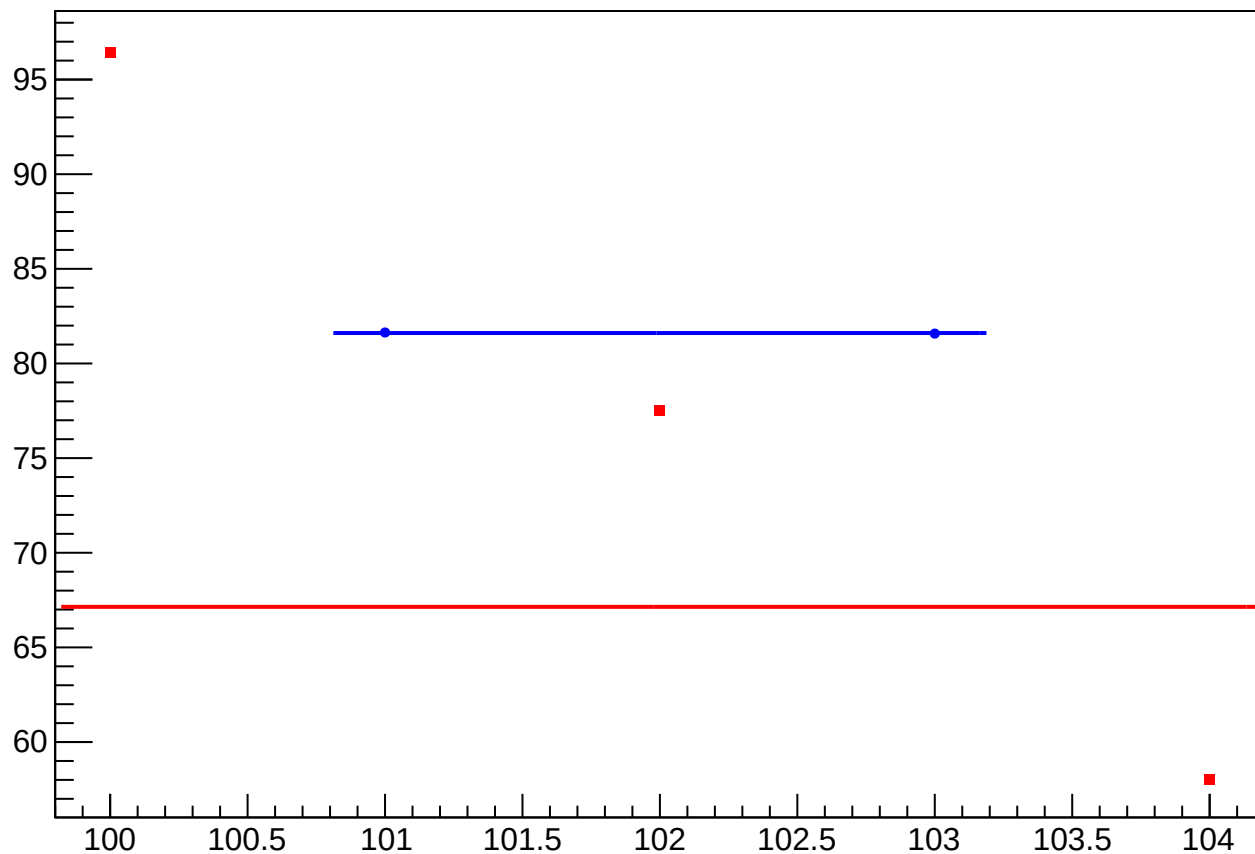
Right: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 67.142 $\pm$ 0.044 χ^2 /NDF: 60450.2/2

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

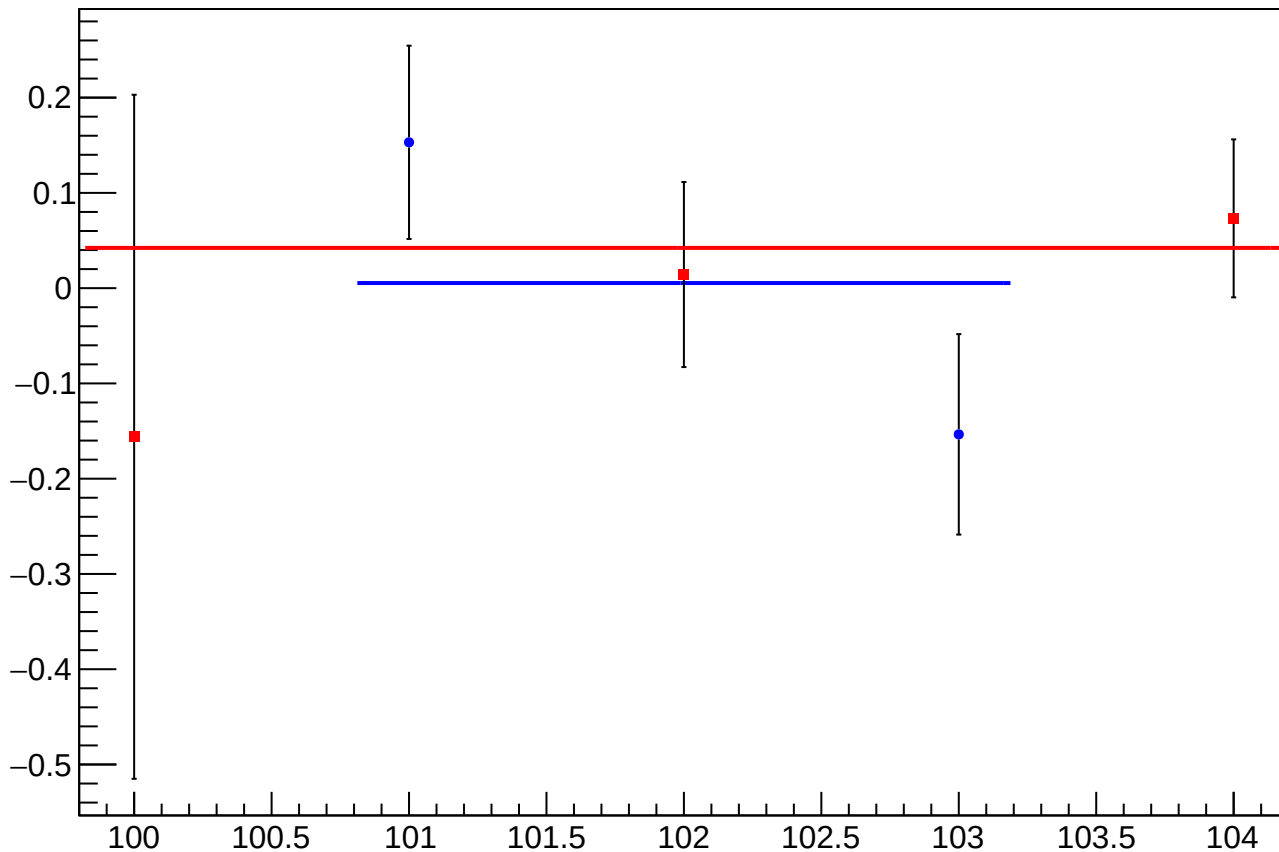
Right: 73.214 $\pm$ 0.033 χ^2 /NDF: 105999.5/4

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: 73.214 $\pm$ 0.033 χ^2 /NDF: 105999.5/4

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: 0.042 $\pm$ 0.062 χ^2 /NDF: 0.5/2

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

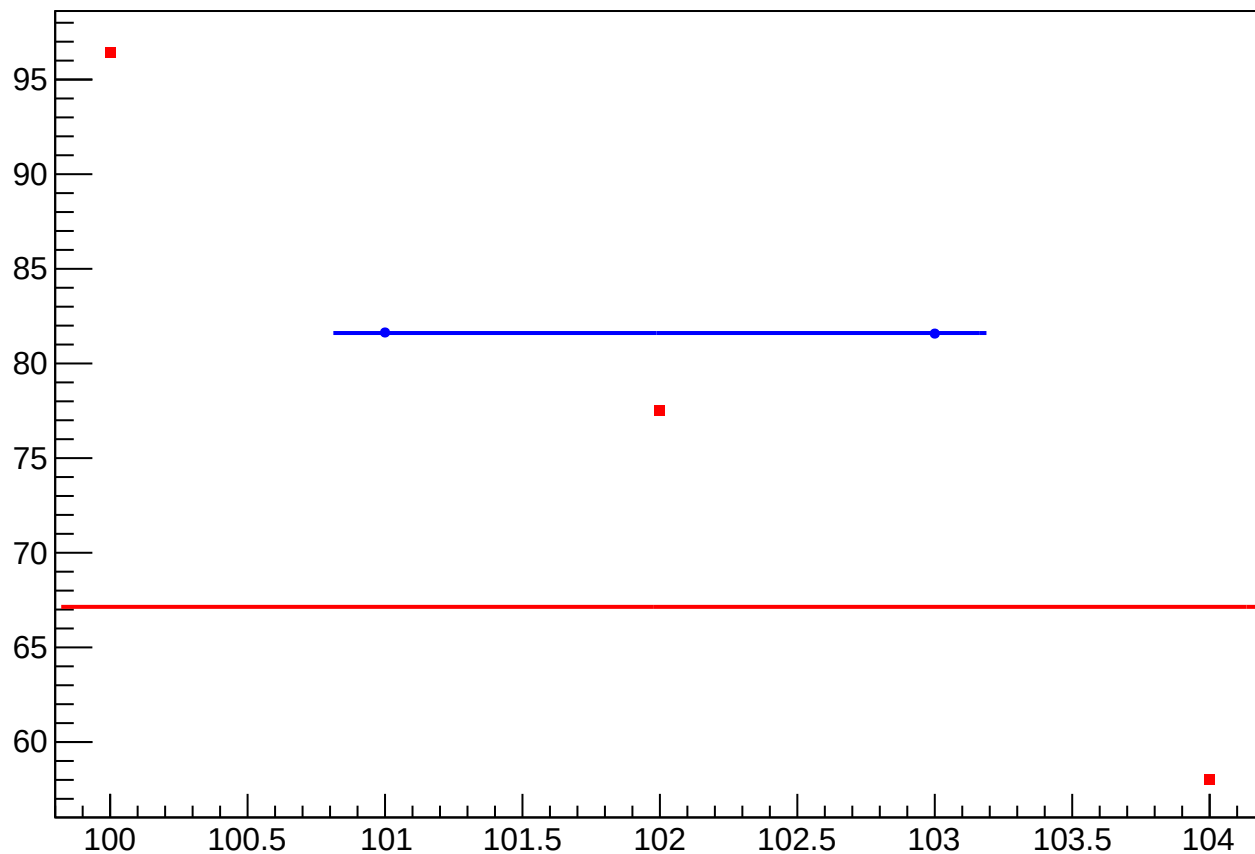
Right: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 0.027 $\pm$ 0.047 χ^2 /NDF: 5.1/4

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: 67.142 $\pm$ 0.044 χ^2 /NDF: 60450.2/2

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

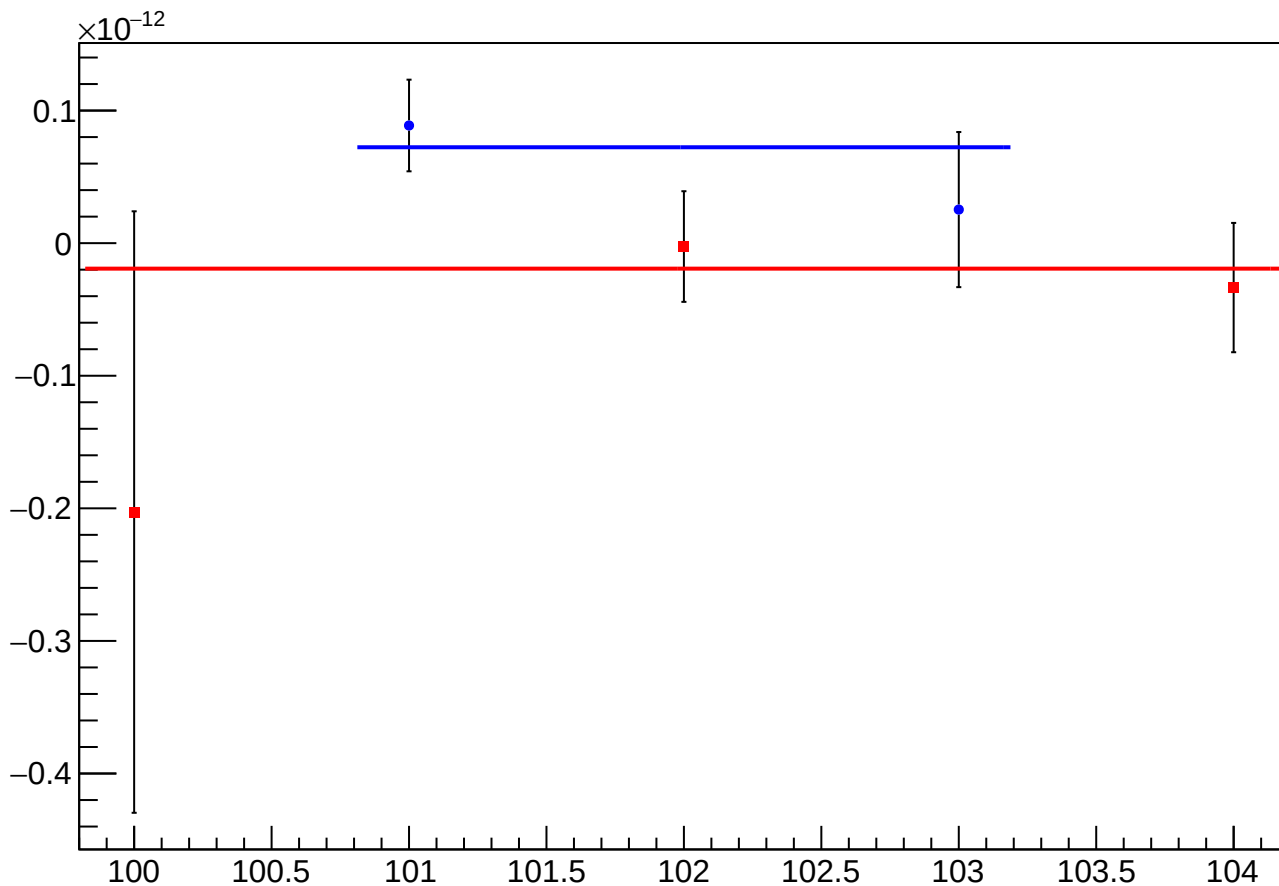
Right: 73.214 $\pm$ 0.033 χ^2 /NDF: 105999.5/4

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: 73.214 $\pm$ 0.033 χ^2 /NDF: 105999.5/4

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

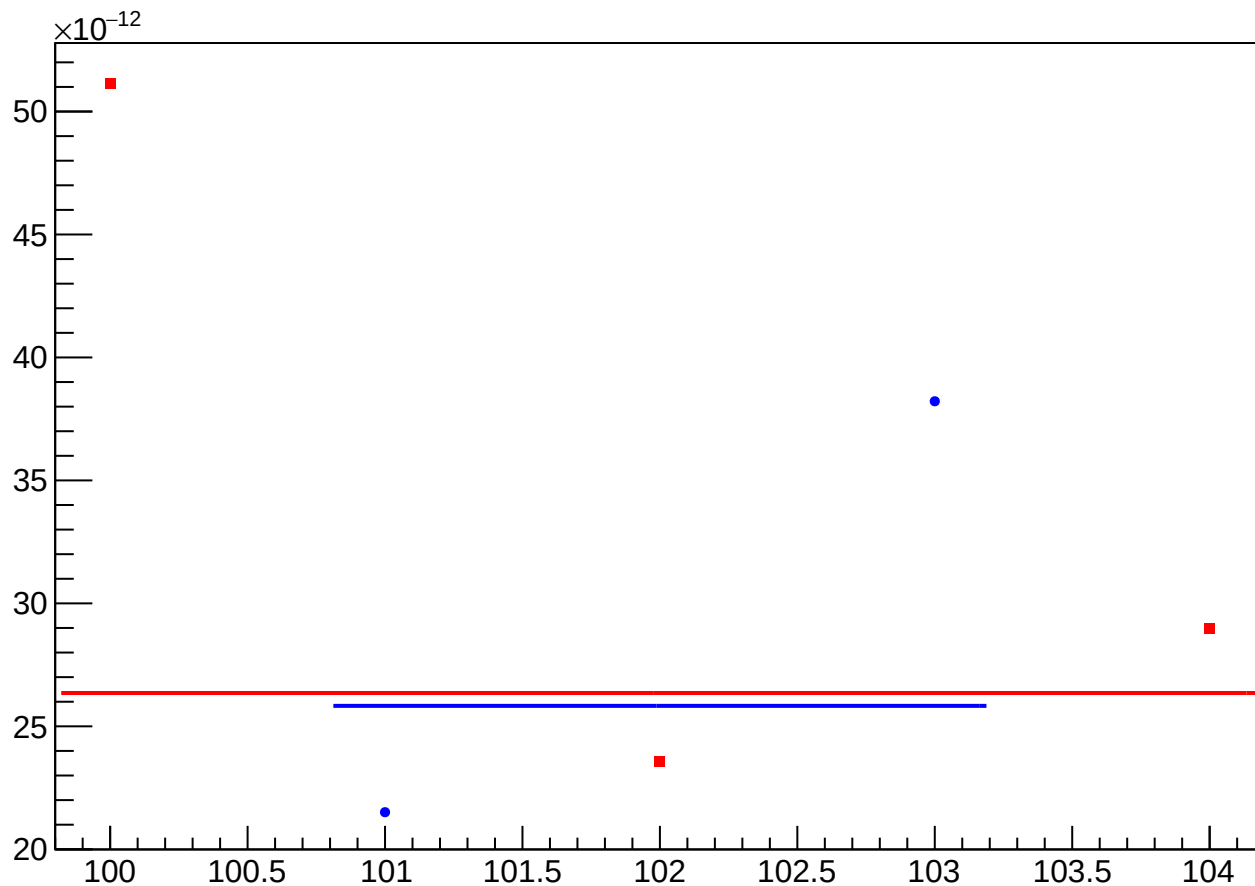
Right: 0.000+/-0.000 χ^2/NDF : 6.3/4

In: 0.000+/-0.000 χ^2/NDF : 0.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.3/4

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 : 38501.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

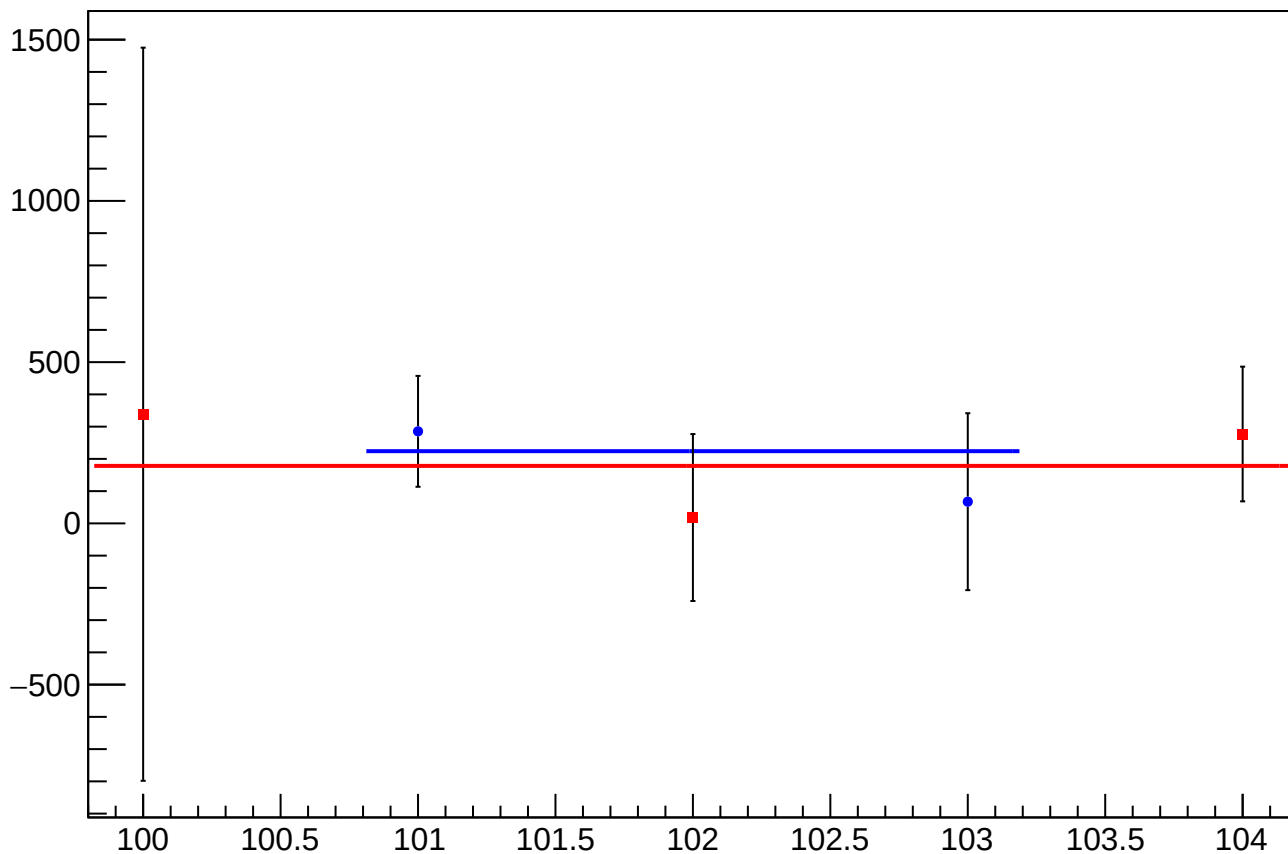
Right: 0.000+/-0.000 χ^2/NDF : 159775.4/4

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 : 159775.4/4

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.906+/-145.674 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.285+/-160.908 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

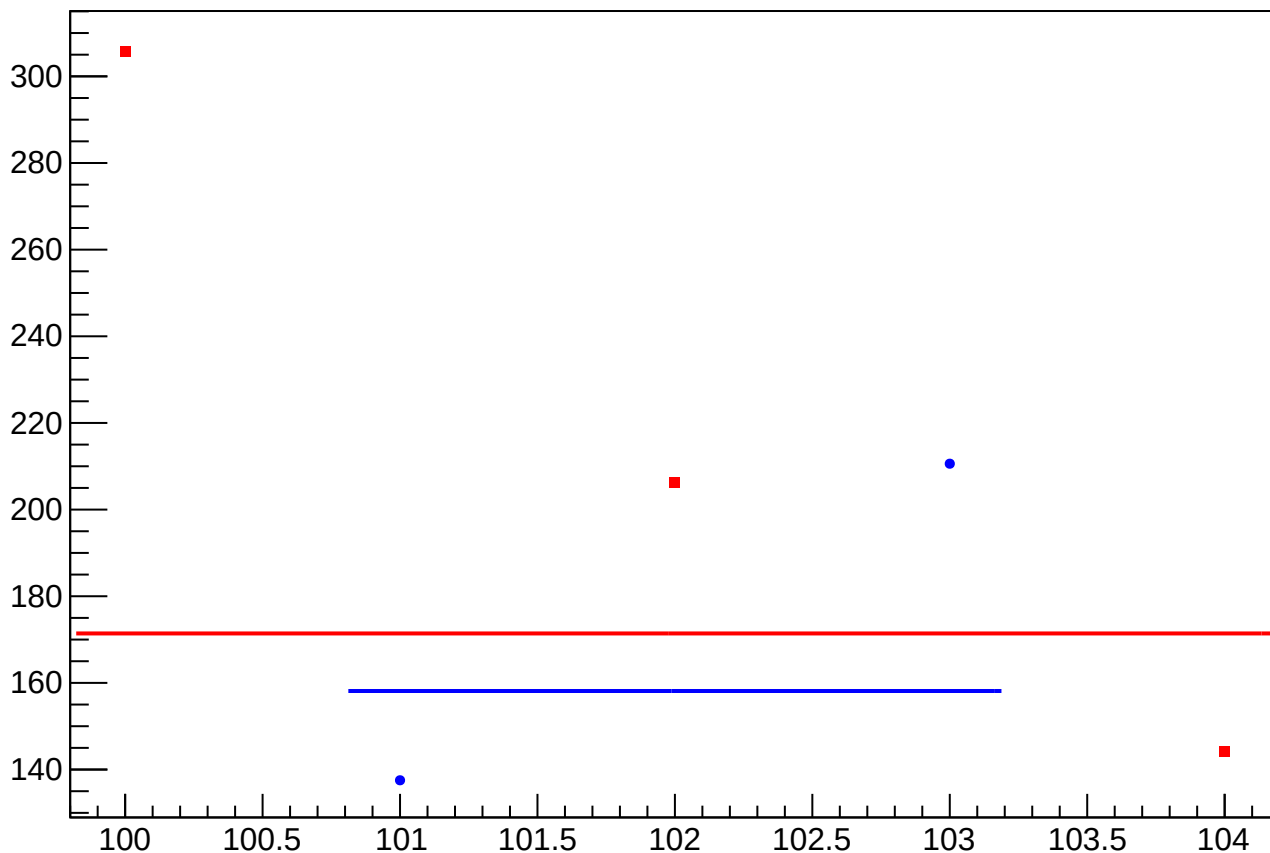
Right: 203.357+/-107.992 χ^2/NDF : 1.1/4

In: 223.906+/-145.674 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.357+/-107.992 χ^2/NDF : 1.1/4

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.129+/-0.103 χ^2/NDF : 101888.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.412+/-0.114 χ^2/NDF : 97943.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

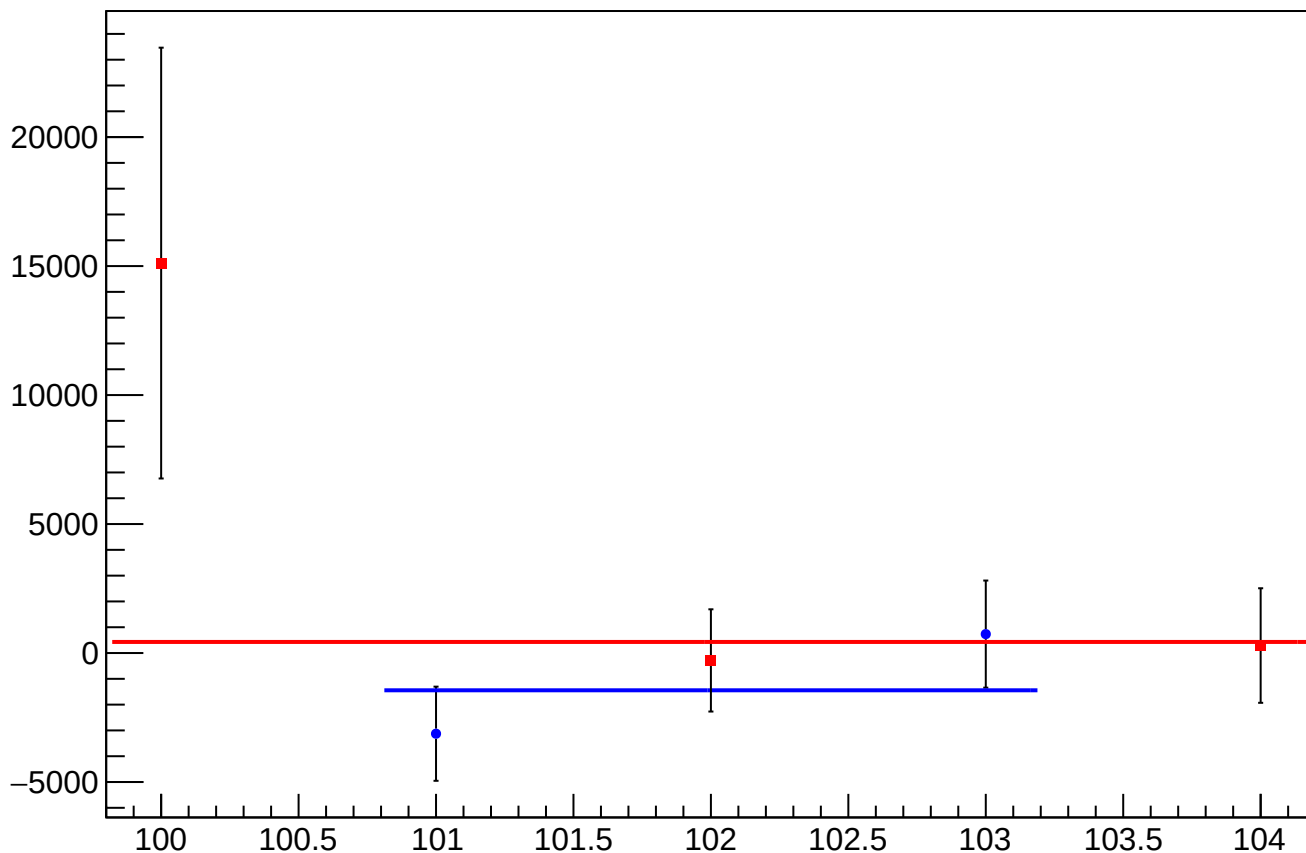
Right: 164.113+/-0.076 χ^2/NDF : 207321.3/4

In: 158.129+/-0.103 χ^2/NDF : 101888.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.113+/-0.076 χ^2/NDF : 207321.3/4

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: 429.643+/-1455.770 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

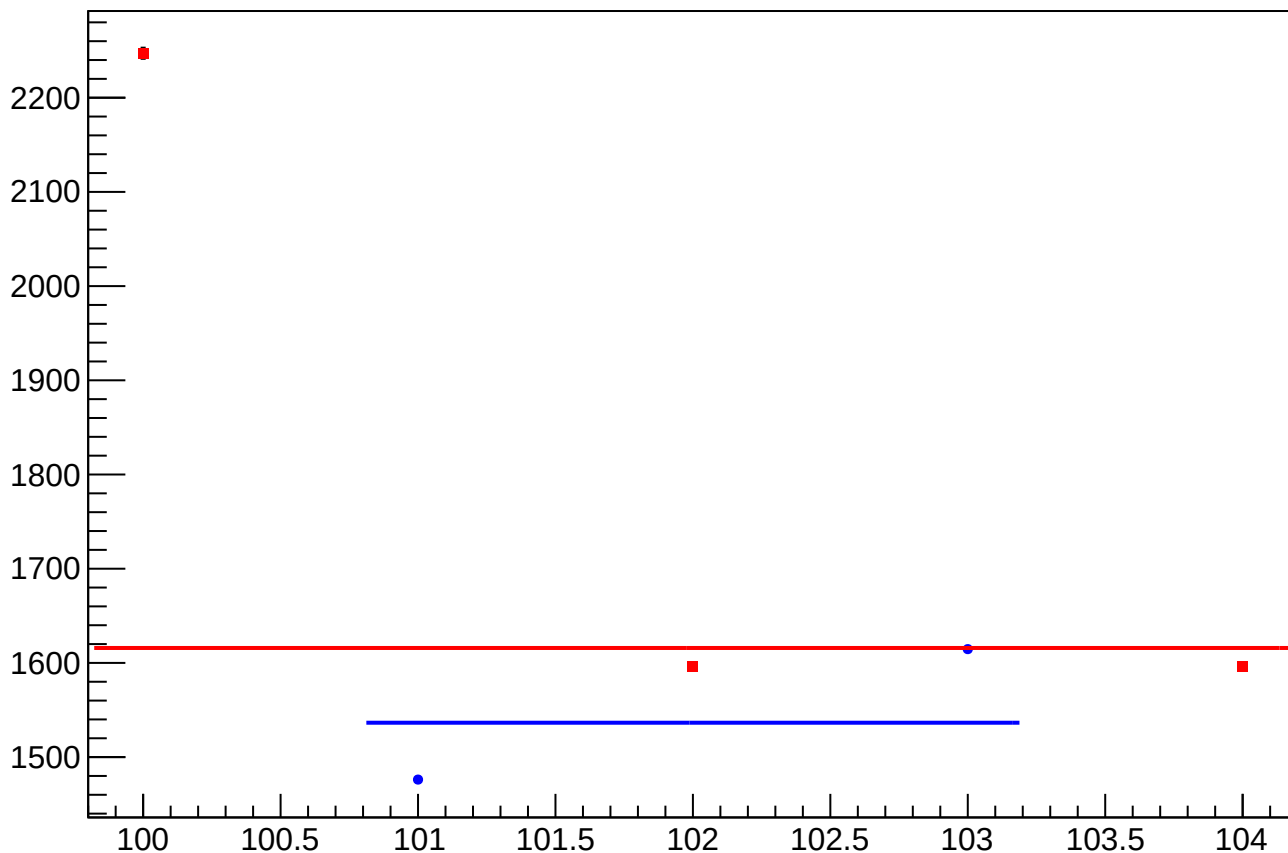
Right: -564.008+/-997.883 χ^2/NDF : 6.1/4

In: -1444.694+/-1370.523 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -564.008+/-997.883 χ^2/NDF : 6.1/4

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1536.507 $\pm$ 0.969 χ^2 /NDF: 5021.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1615.852 $\pm$ 1.029 χ^2 /NDF: 11792.5/2

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

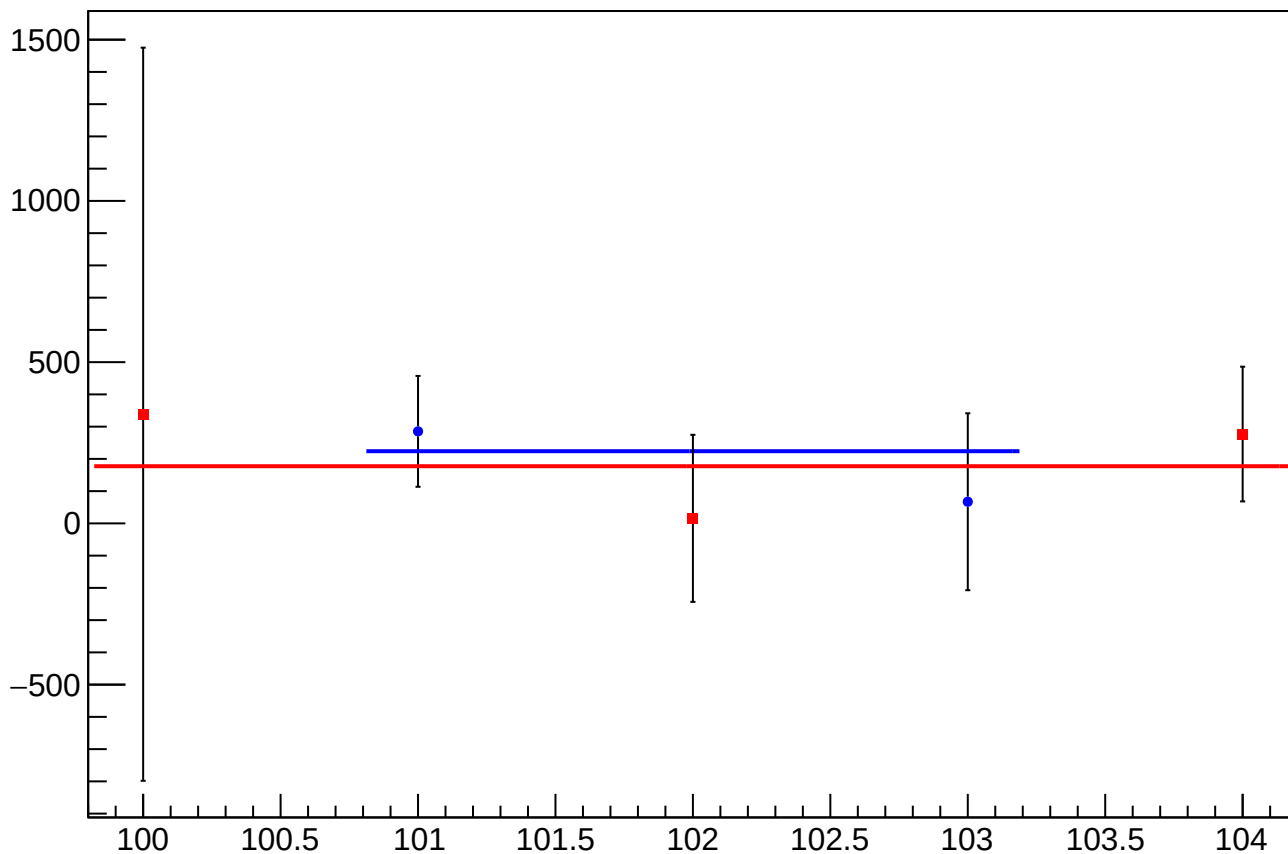
Right: 1573.789 $\pm$ 0.706 χ^2 /NDF: 19963.5/4

In: 1536.507 $\pm$ 0.969 χ^2 /NDF: 5021.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1573.789 $\pm$ 0.706 χ^2 /NDF: 19963.5/4

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 223.846+/-145.675 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.330+/-160.945 χ^2/NDF : 0.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

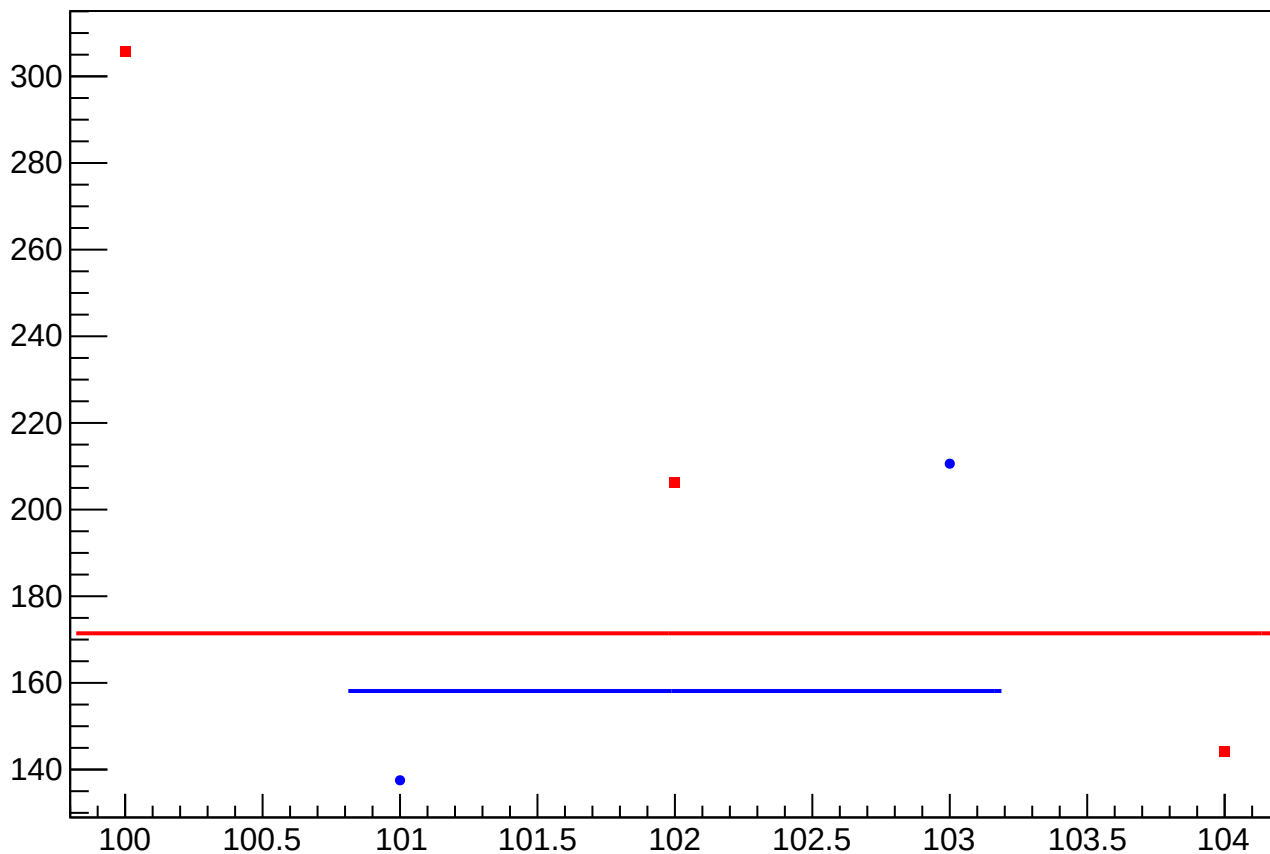
Right: 202.899+/-108.003 χ^2/NDF : 1.1/4

In: 223.846+/-145.675 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 202.899+/-108.003 χ^2/NDF : 1.1/4

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: 171.442+/-0.114 χ^2/NDF : 98135.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

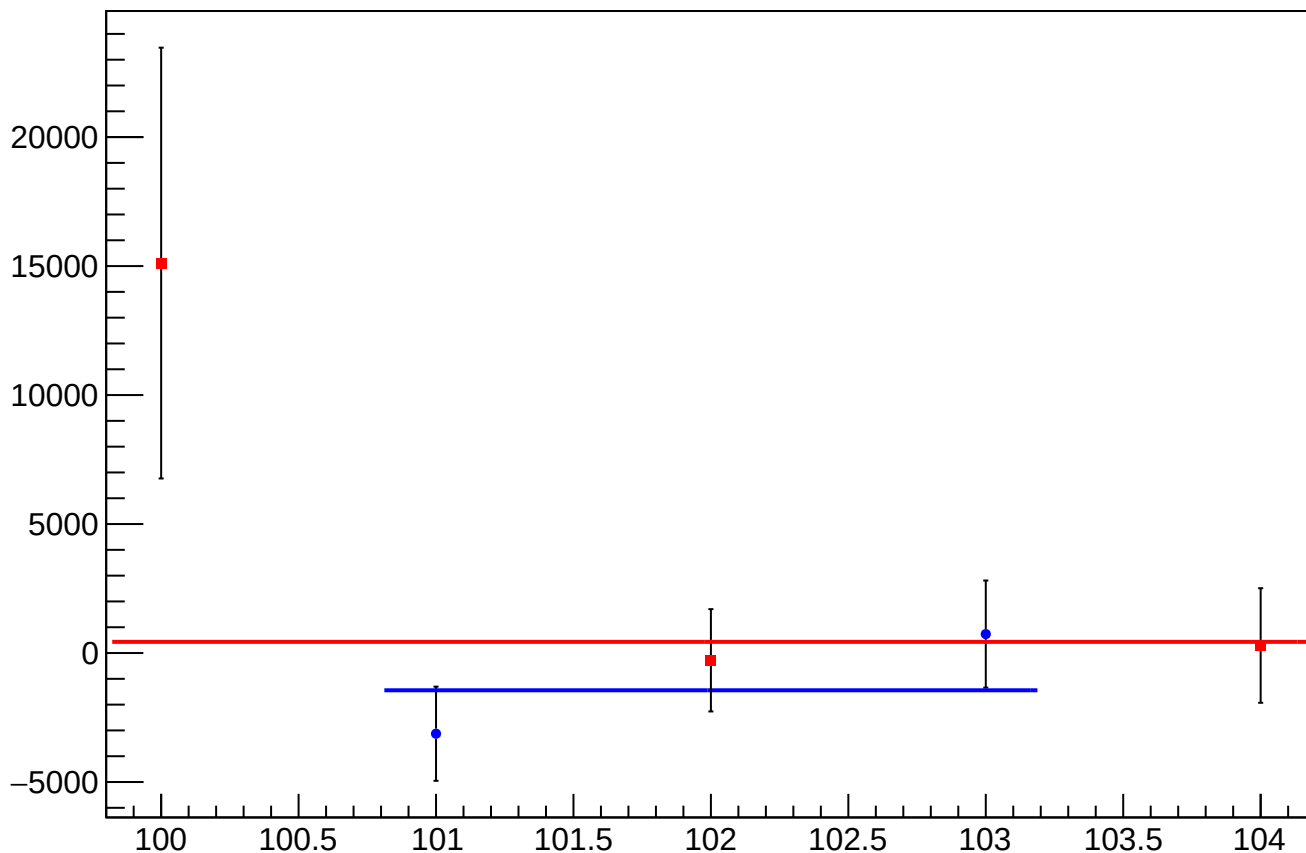
Right: 164.124+/-0.076 χ^2/NDF : 207547.3/4

In: 158.130+/-0.103 χ^2/NDF : 101890.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.124+/-0.076 χ^2/NDF : 207547.3/4

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: 433.420+/-1456.352 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

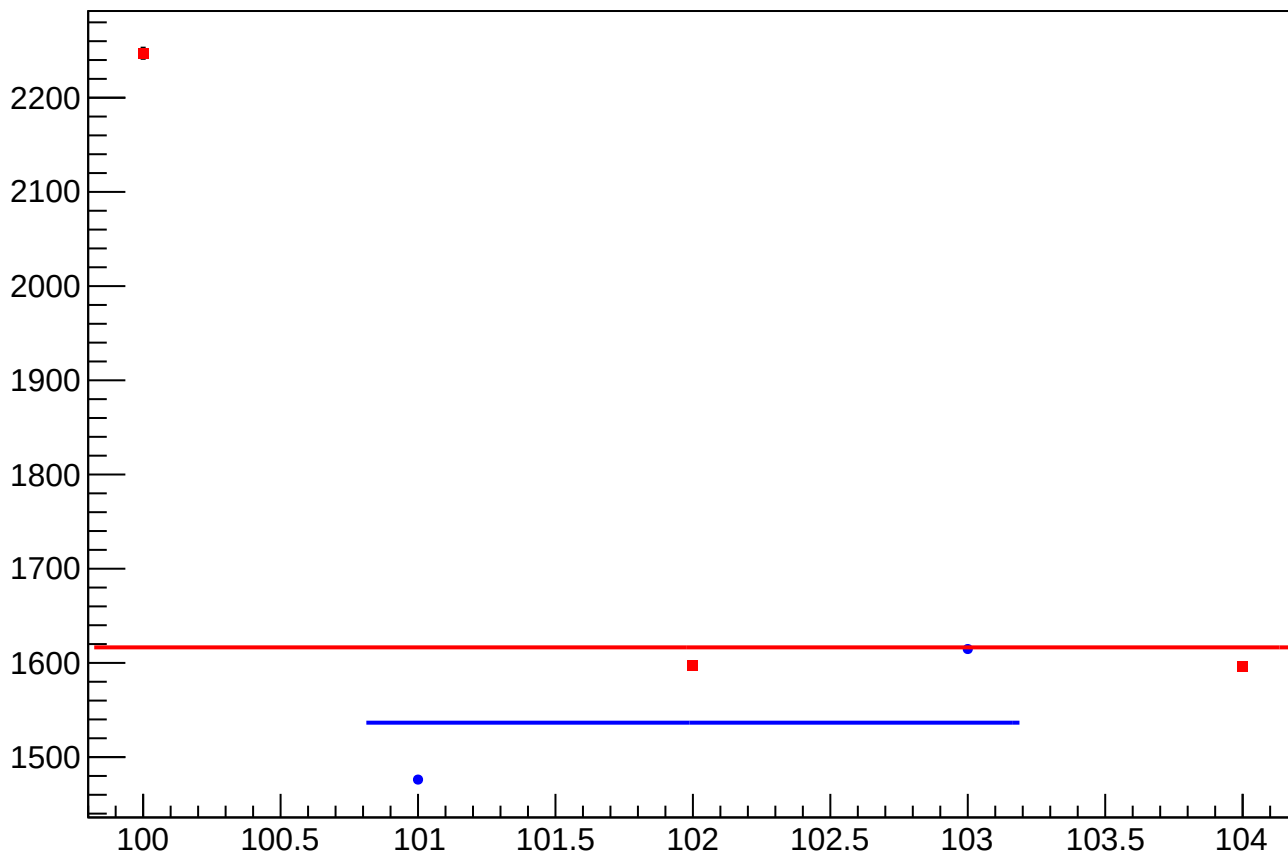
Right: -562.433+/-998.086 χ^2/NDF : 6.1/4

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -562.433+/-998.086 χ^2/NDF : 6.1/4

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: 1616.499+/-1.030 χ^2/NDF : 11769.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

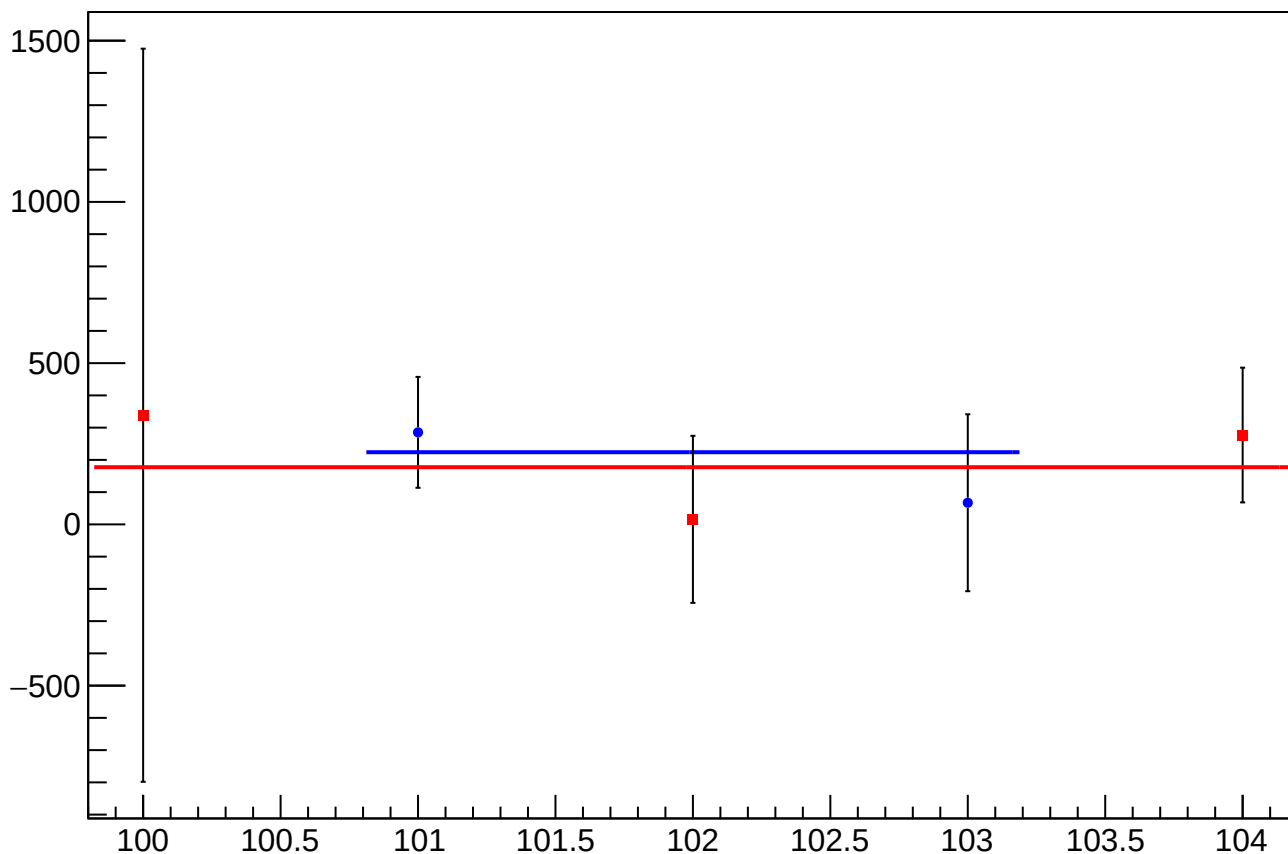
Right: 1574.101+/-0.706 χ^2/NDF : 19994.0/4

In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.101+/-0.706 χ^2/NDF : 19994.0/4

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: 177.330 $\pm$ 160.945 χ^2 /NDF: 0.6/2

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

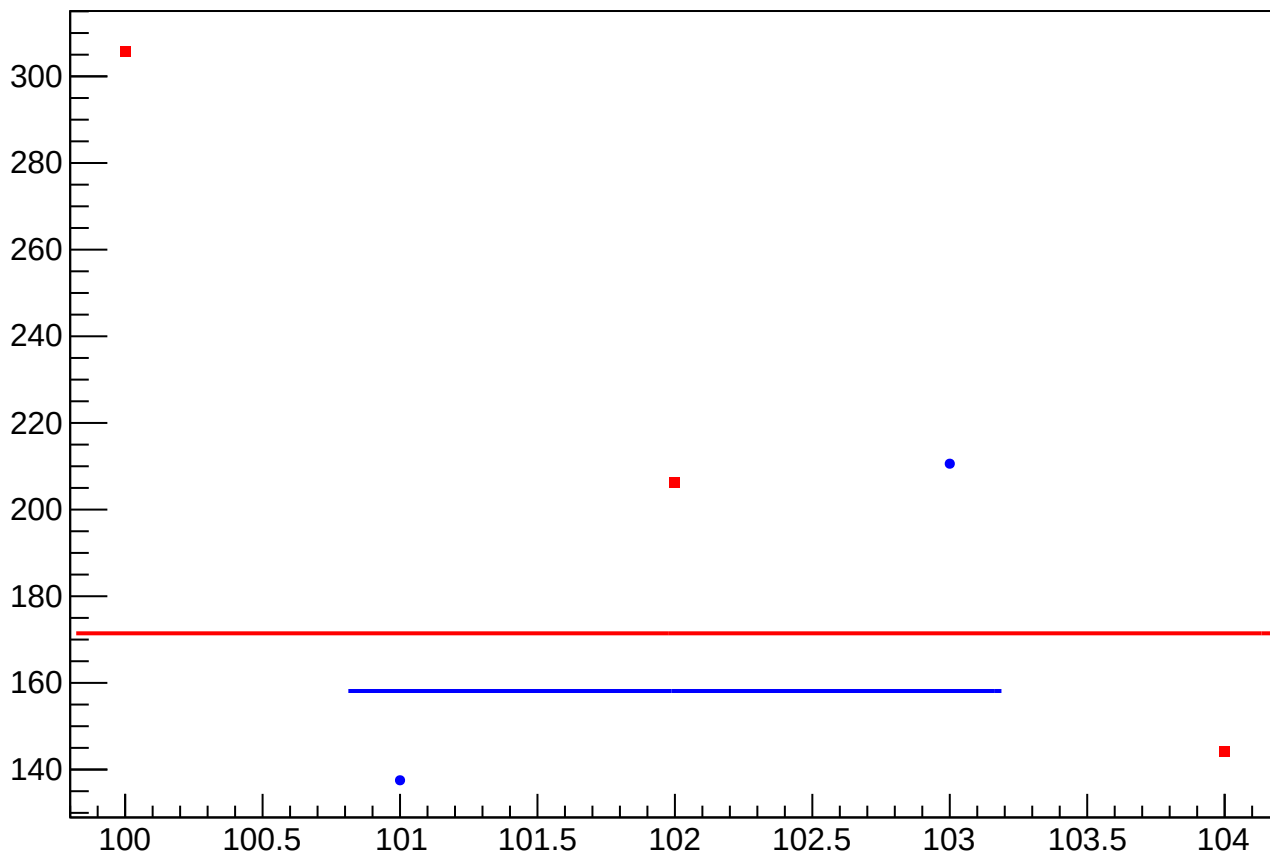
Right: 202.899 $\pm$ 108.003 χ^2 /NDF: 1.1/4

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: 202.899 $\pm$ 108.003 χ^2 /NDF: 1.1/4

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 158.130 $\pm$ 0.103 χ^2 /NDF: 101890.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.442 $\pm$ 0.114 χ^2 /NDF: 98135.7/2

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

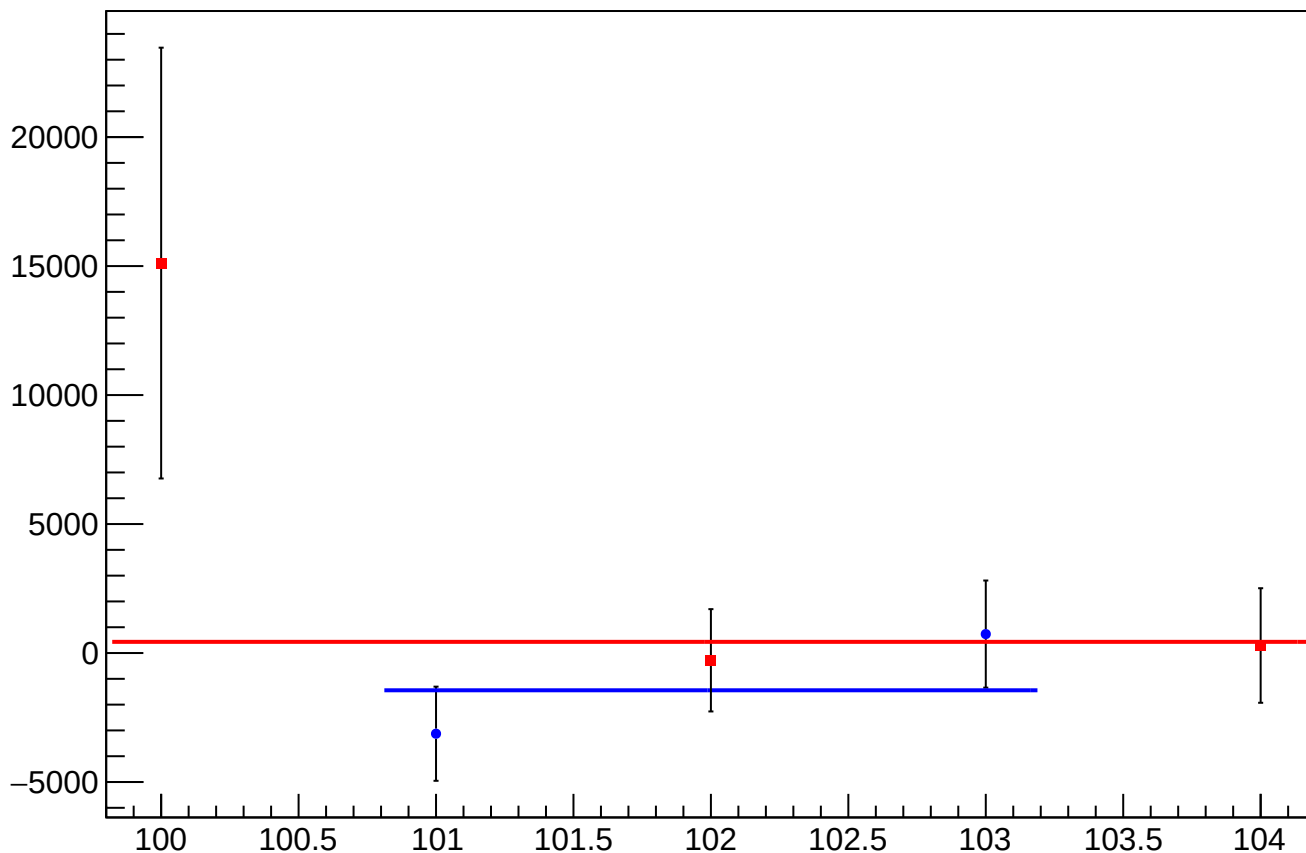
Right: 164.124 $\pm$ 0.076 χ^2 /NDF: 207547.3/4

In: 158.130 $\pm$ 0.103 χ^2 /NDF:101890.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.124 $\pm$ 0.076 χ^2 /NDF: 207547.3/4

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: 433.420+/-1456.352 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

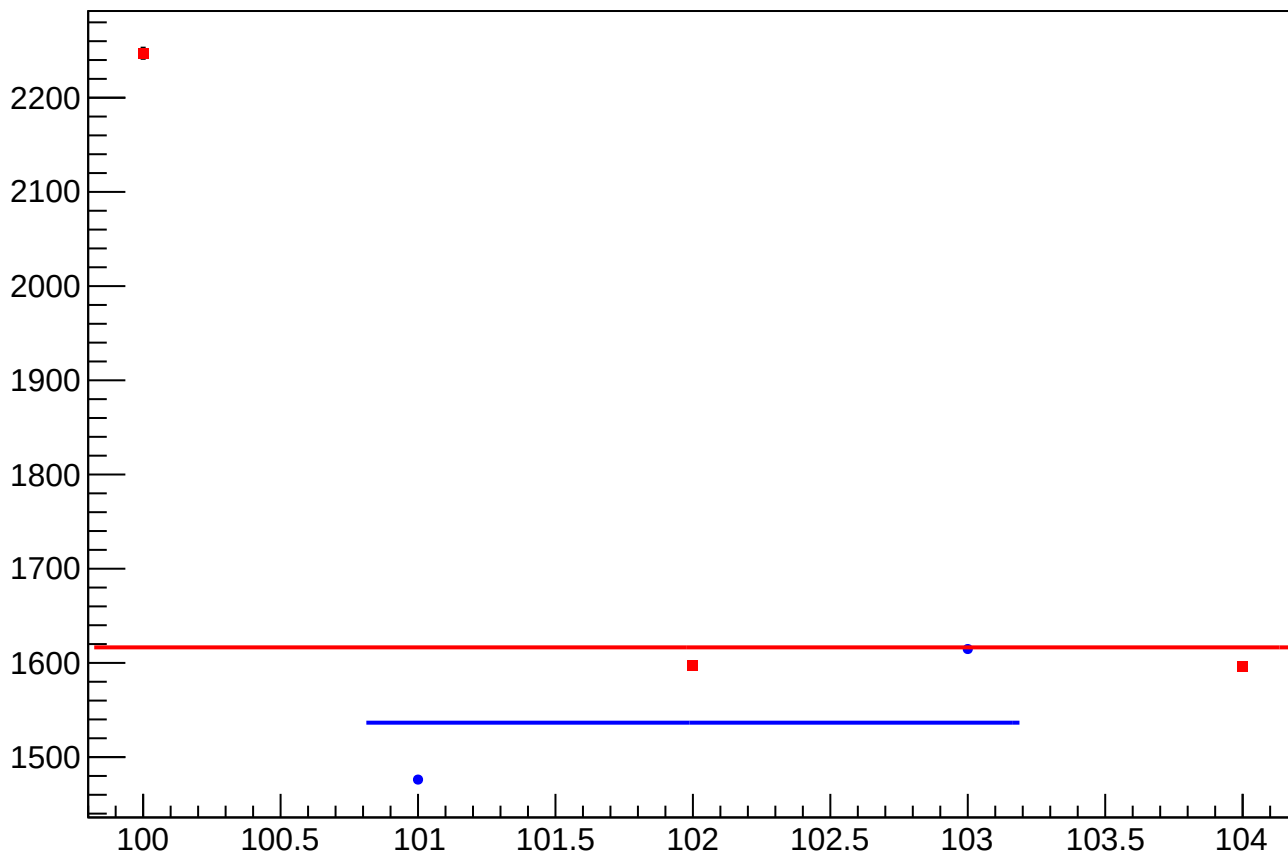
Right: -562.433+/-998.086 χ^2/NDF : 6.1/4

In: -1444.419+/-1370.565 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -562.433+/-998.086 χ^2/NDF : 6.1/4

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: 1616.499+/-1.030 χ^2/NDF : 11769.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

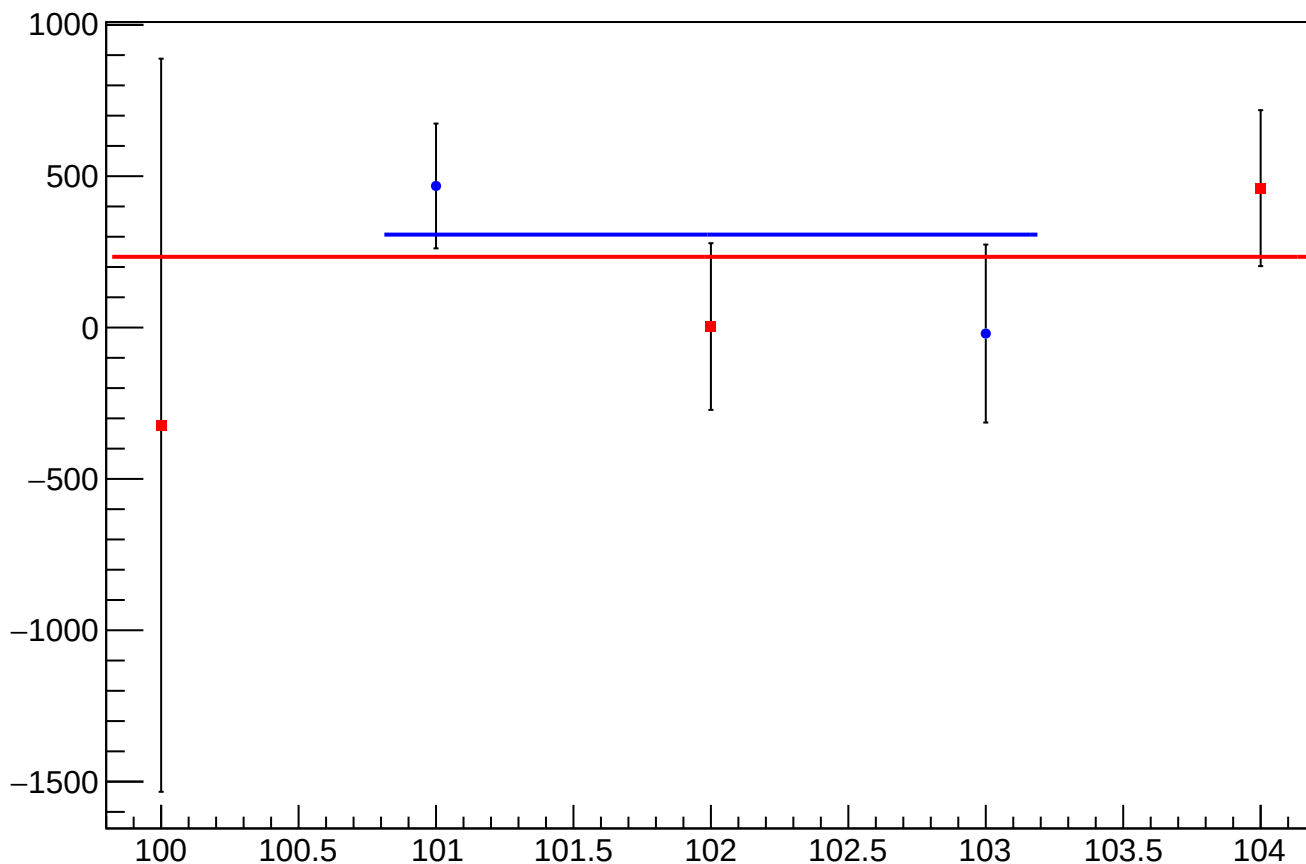
Right: 1574.101+/-0.706 χ^2/NDF : 19994.0/4

In: 1536.550+/-0.969 χ^2/NDF : 5028.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.101+/-0.706 χ^2/NDF : 19994.0/4

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: 233.693 $\pm$ 185.880 χ^2 /NDF: 1.7/2

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

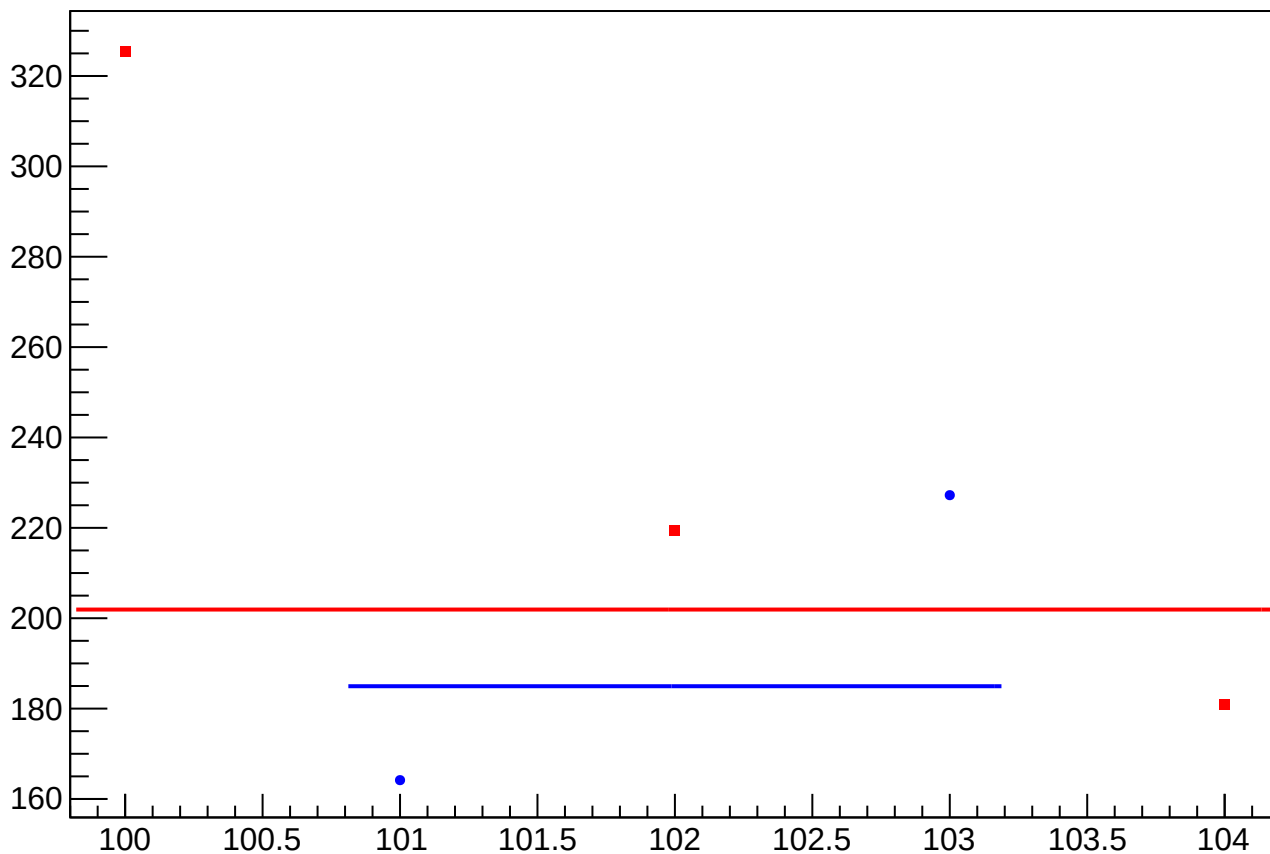
Right: 273.899 $\pm$ 124.943 χ^2 /NDF: 3.6/4

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: 273.899 $\pm$ 124.943 χ^2 /NDF: 3.6/4

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952 $\pm$ 0.119 χ^2 /NDF: 61720.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 201.921 $\pm$ 0.131 χ^2 /NDF: 42122.1/2

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

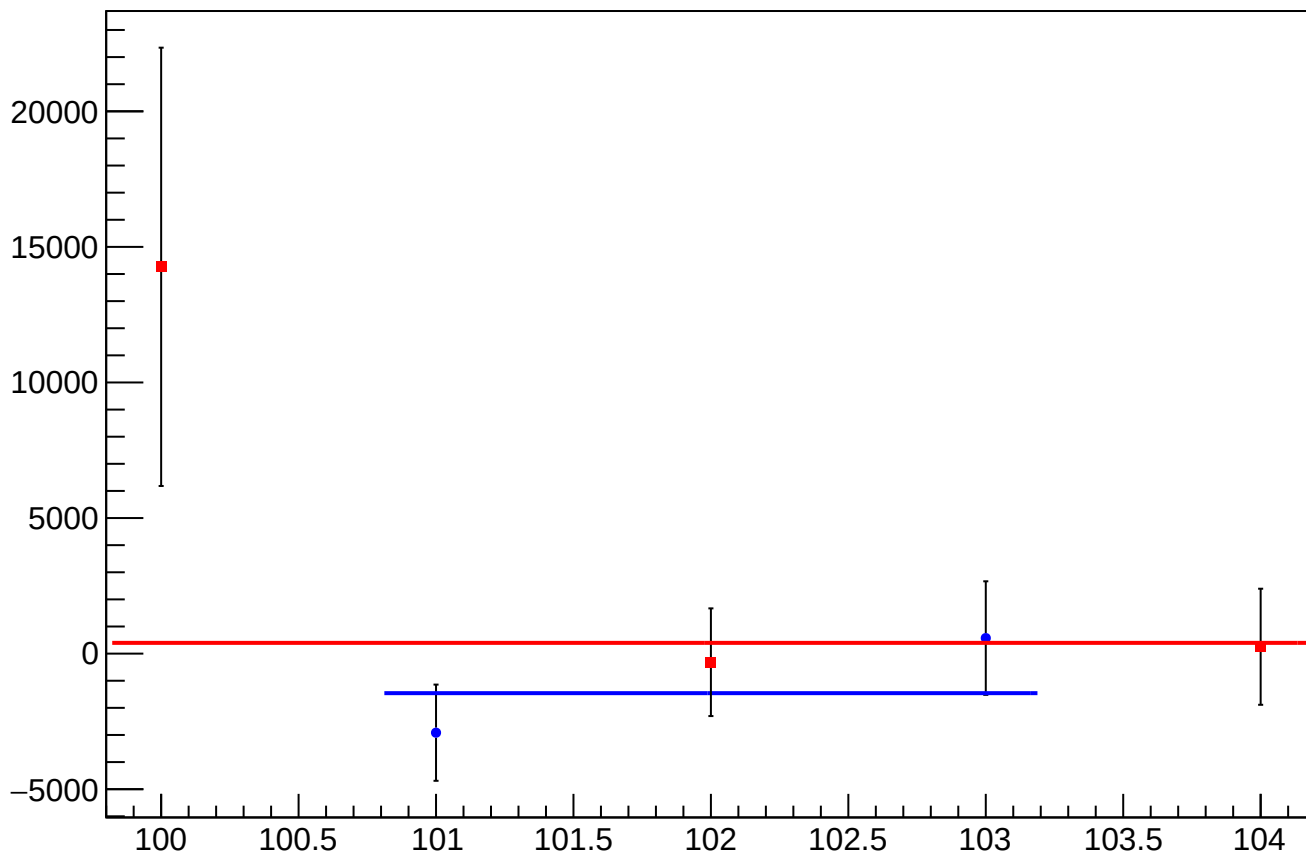
Right: 192.618 $\pm$ 0.088 χ^2 /NDF: 112979.5/4

In: 184.952 $\pm$ 0.119 χ^2 /NDF:61720.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.618 $\pm$ 0.088 χ^2 /NDF: 112979.5/4

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: 396.590+/-1432.720 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

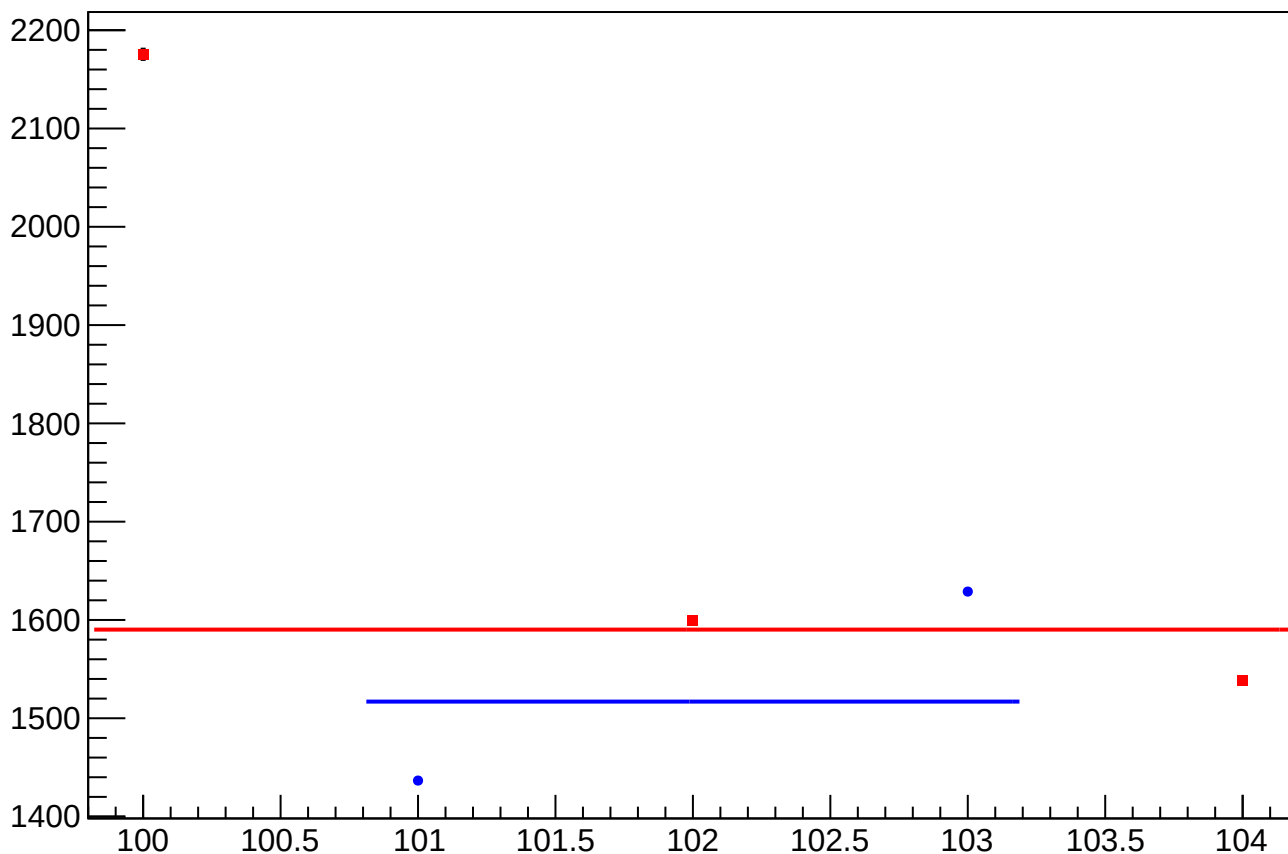
Right: -583.476+/-983.886 χ^2/NDF : 5.6/4

In: -1458.166+/-1353.507 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.476+/-983.886 χ^2/NDF : 5.6/4

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: 1590.191+/-1.013 χ^2/NDF : 11728.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

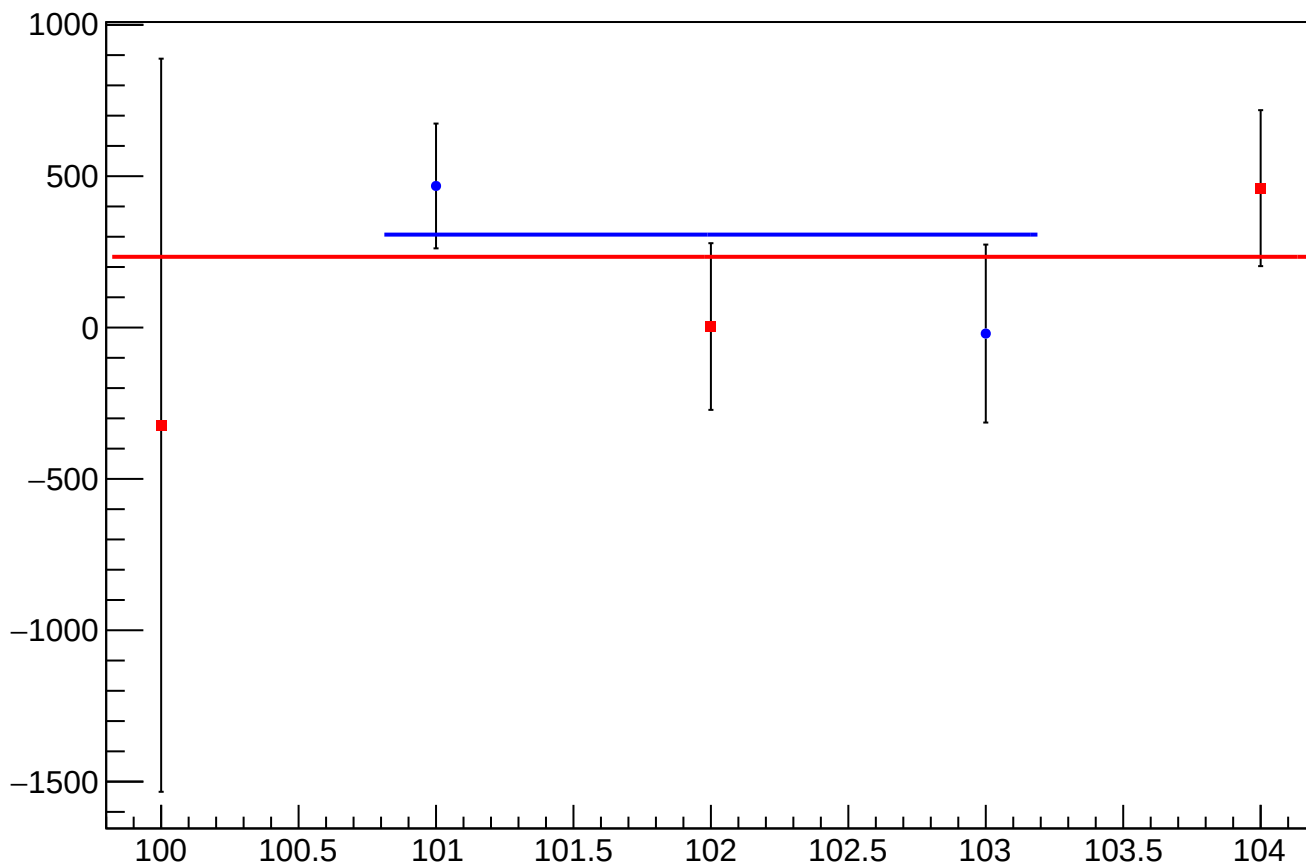
Right: 1551.490+/-0.696 χ^2/NDF : 24307.3/4

In: 1516.950+/-0.957 χ^2/NDF : 9817.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1551.490+/-0.696 χ^2/NDF : 24307.3/4

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: 233.697 $\pm$ 185.881 χ^2 /NDF: 1.7/2

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

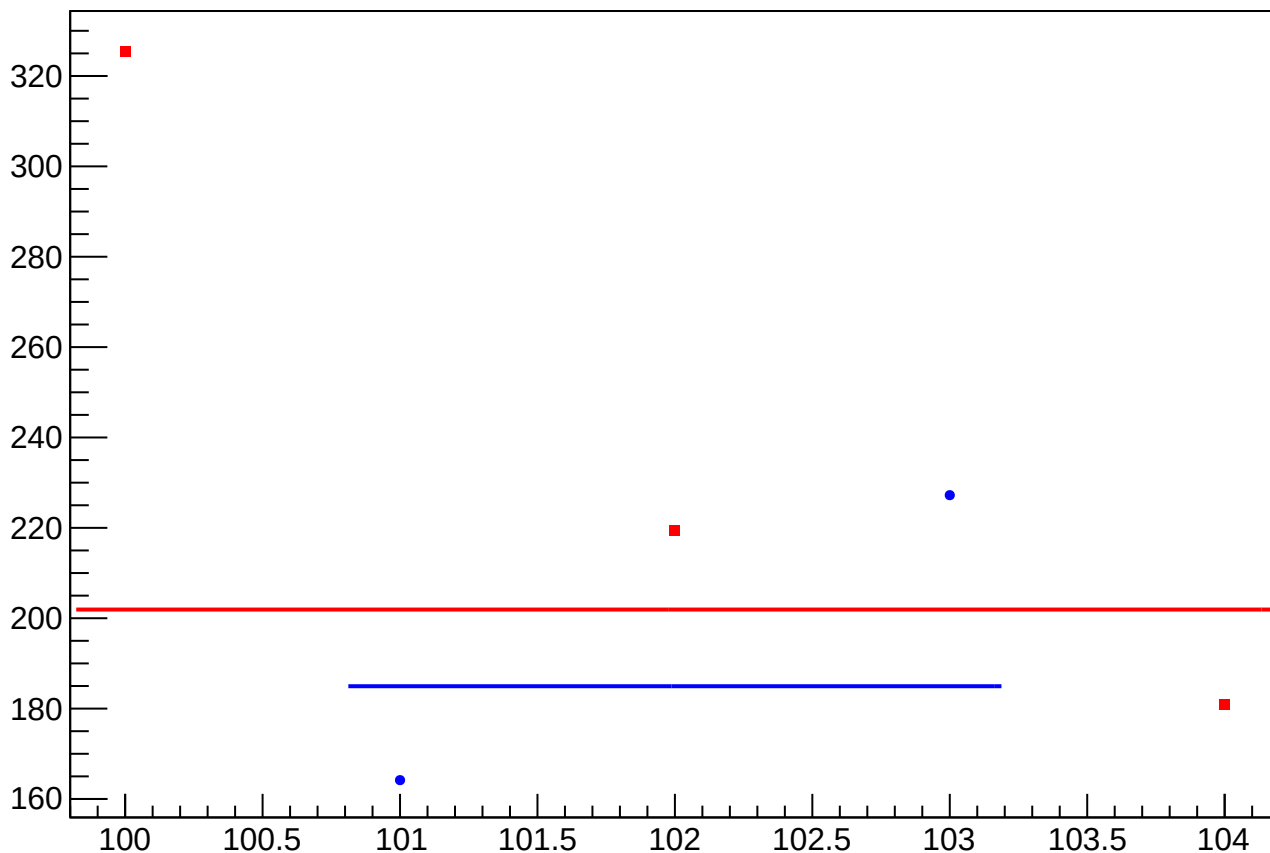
Right: 273.901 $\pm$ 124.944 χ^2 /NDF: 3.6/4

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: 273.901 $\pm$ 124.944 χ^2 /NDF: 3.6/4

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 184.952 $\pm$ 0.119 χ^2 /NDF: 61718.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 201.922 $\pm$ 0.131 χ^2 /NDF: 42119.3/2

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

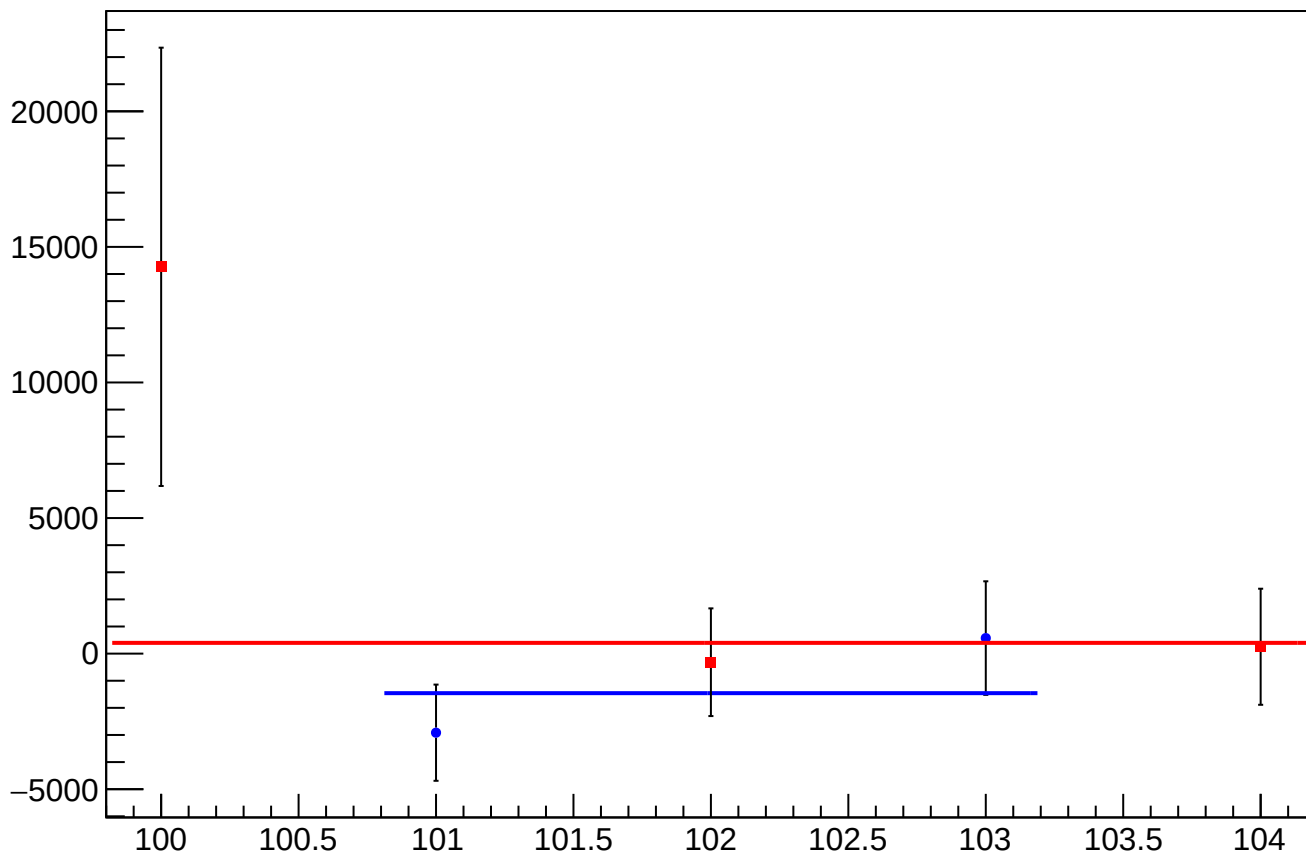
Right: 192.619 $\pm$ 0.088 χ^2 /NDF: 112975.5/4

In: 184.952 $\pm$ 0.119 χ^2 /NDF:61718.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 192.619 $\pm$ 0.088 χ^2 /NDF: 112975.5/4

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: 396.589+/-1432.715 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

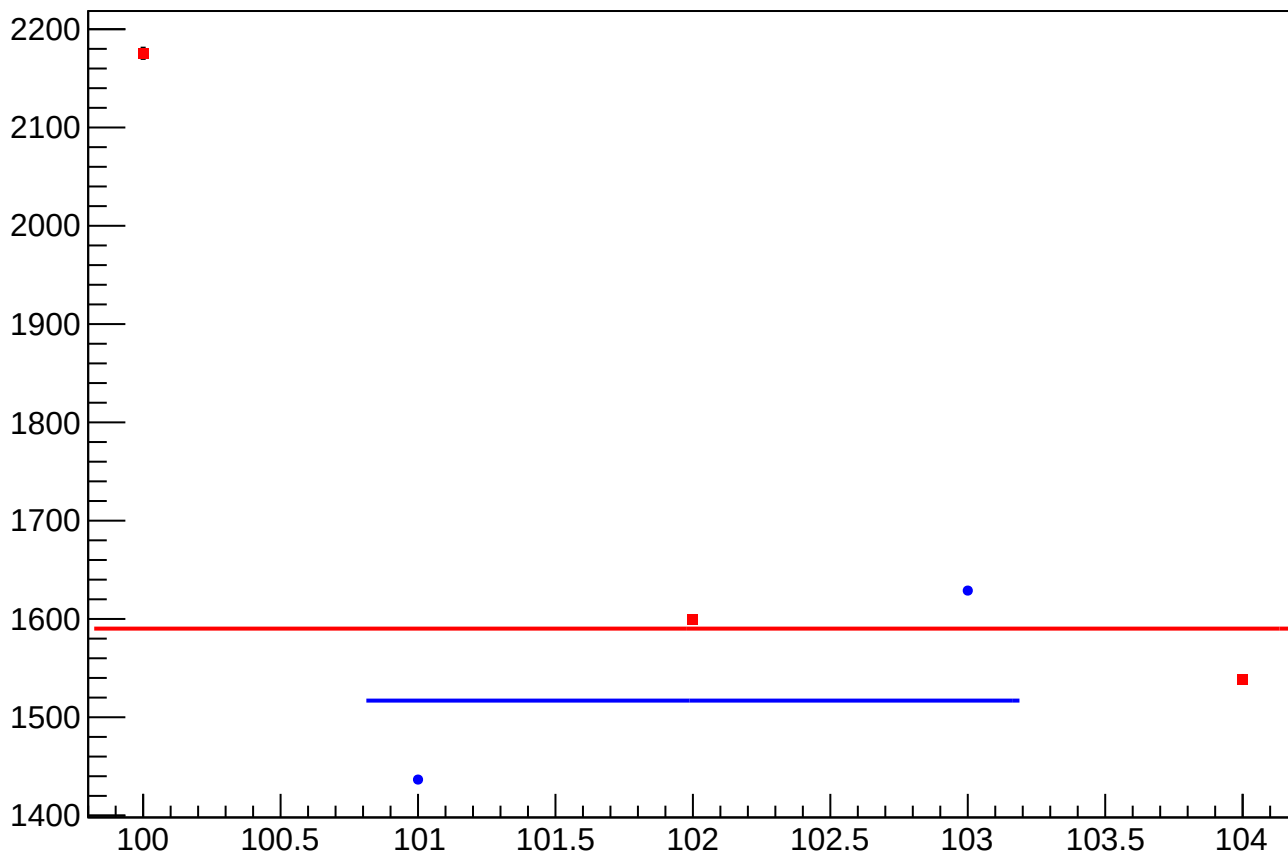
Right: -583.474+/-983.884 χ^2/NDF : 5.6/4

In: -1458.162+/-1353.504 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.474+/-983.884 χ^2/NDF : 5.6/4

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: 1590.185 $\pm$ 1.013 χ^2 /NDF: 11728.6/2

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

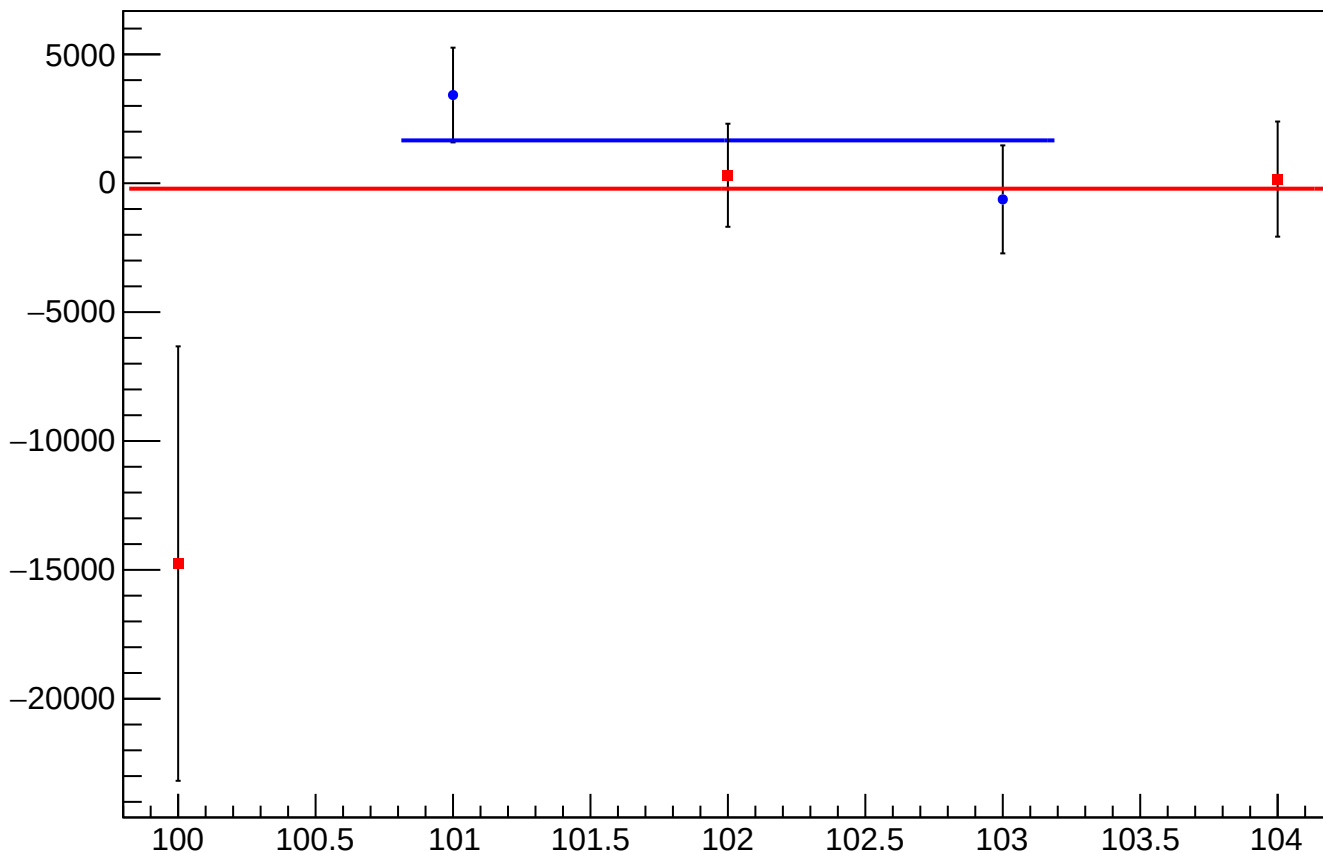
Right: 1551.485 $\pm$ 0.696 χ^2 /NDF: 24307.0/4

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: 1551.485 $\pm$ 0.696 χ^2 /NDF: 24307.0/4

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: -211.149+/-1466.832 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

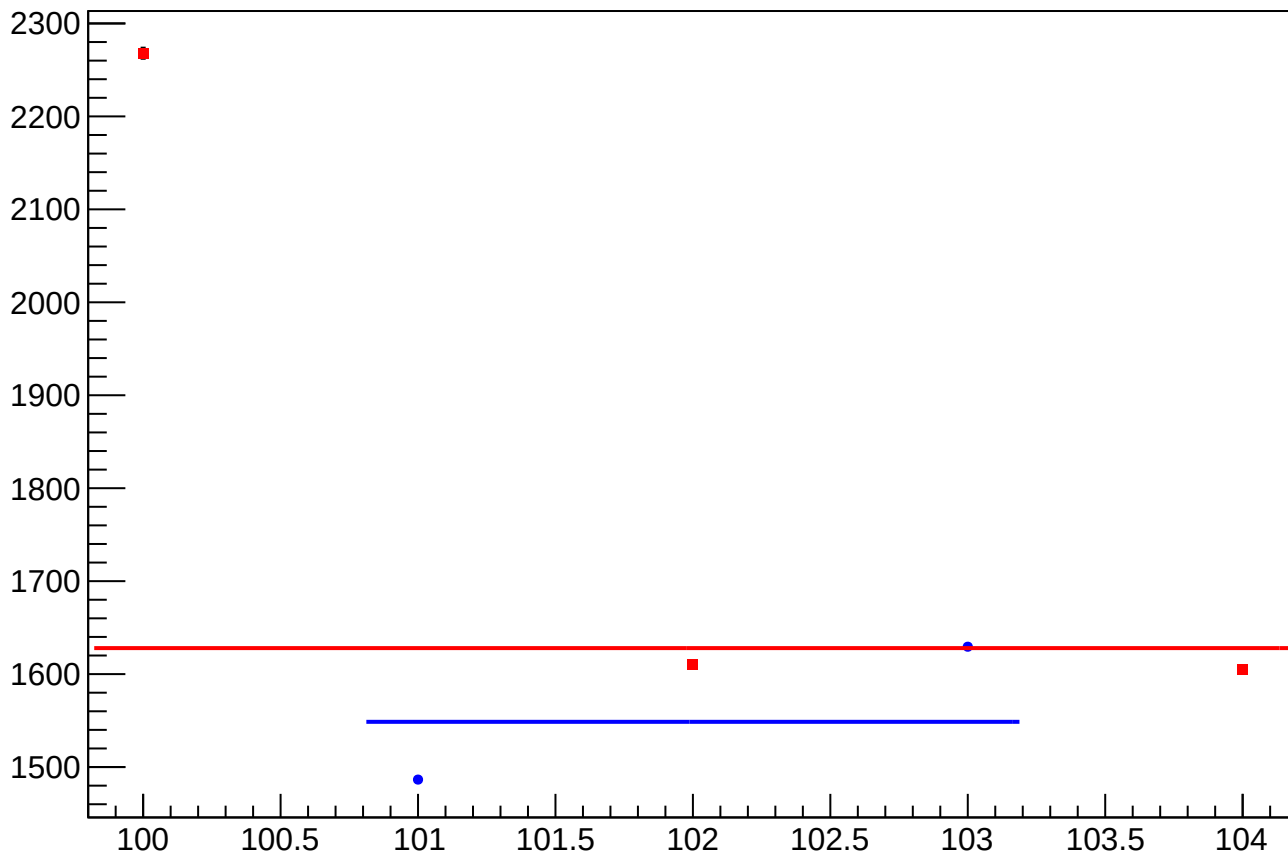
Right: 781.682+/-1005.595 χ^2/NDF : 6.0/4

In: 1662.070+/-1381.274 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.682+/-1005.595 χ^2/NDF : 6.0/4

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: 1627.973+/-1.037 χ^2/NDF : 11903.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

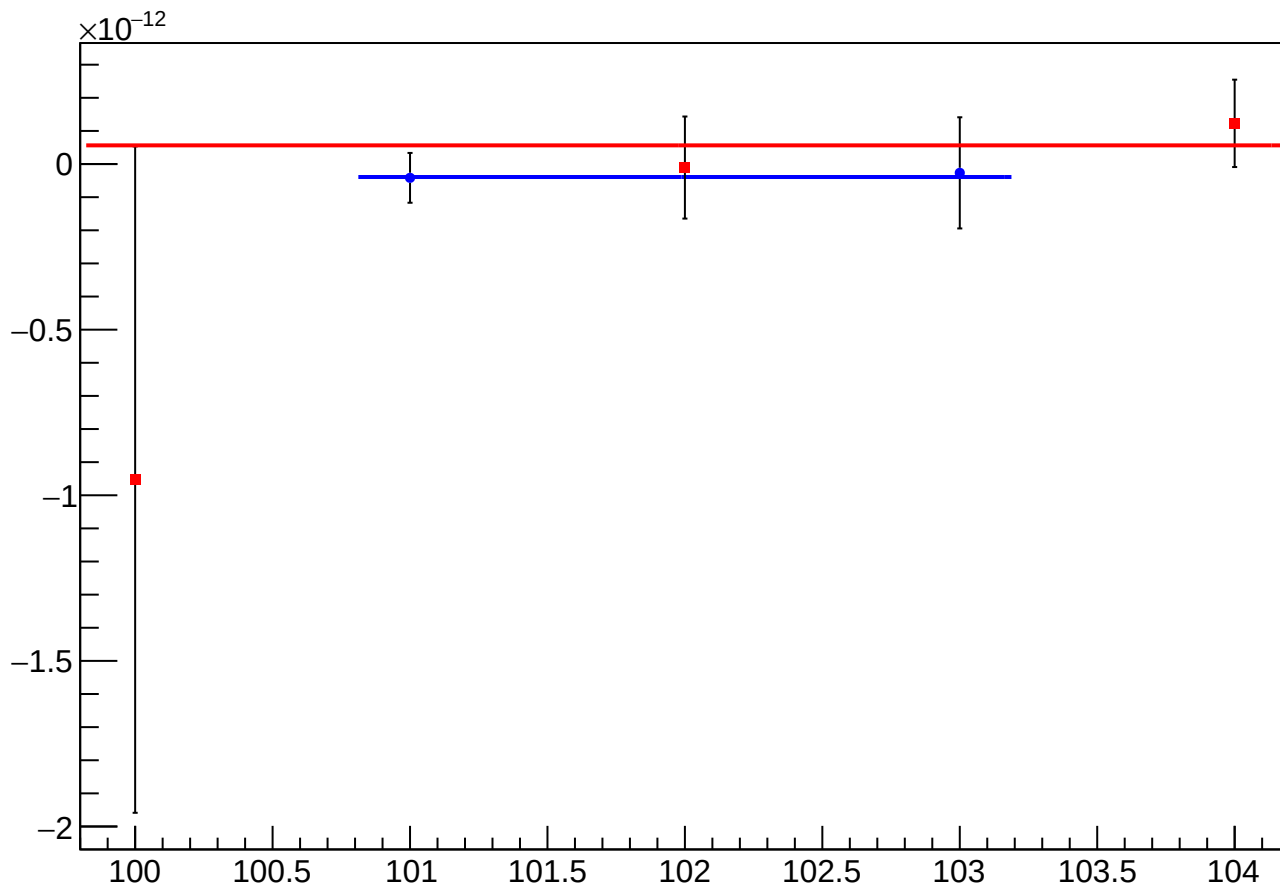
Right: 1585.936+/-0.711 χ^2/NDF : 20266.5/4

In: 1548.660+/-0.977 χ^2/NDF : 5264.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.936+/-0.711 χ^2/NDF : 20266.5/4

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 : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

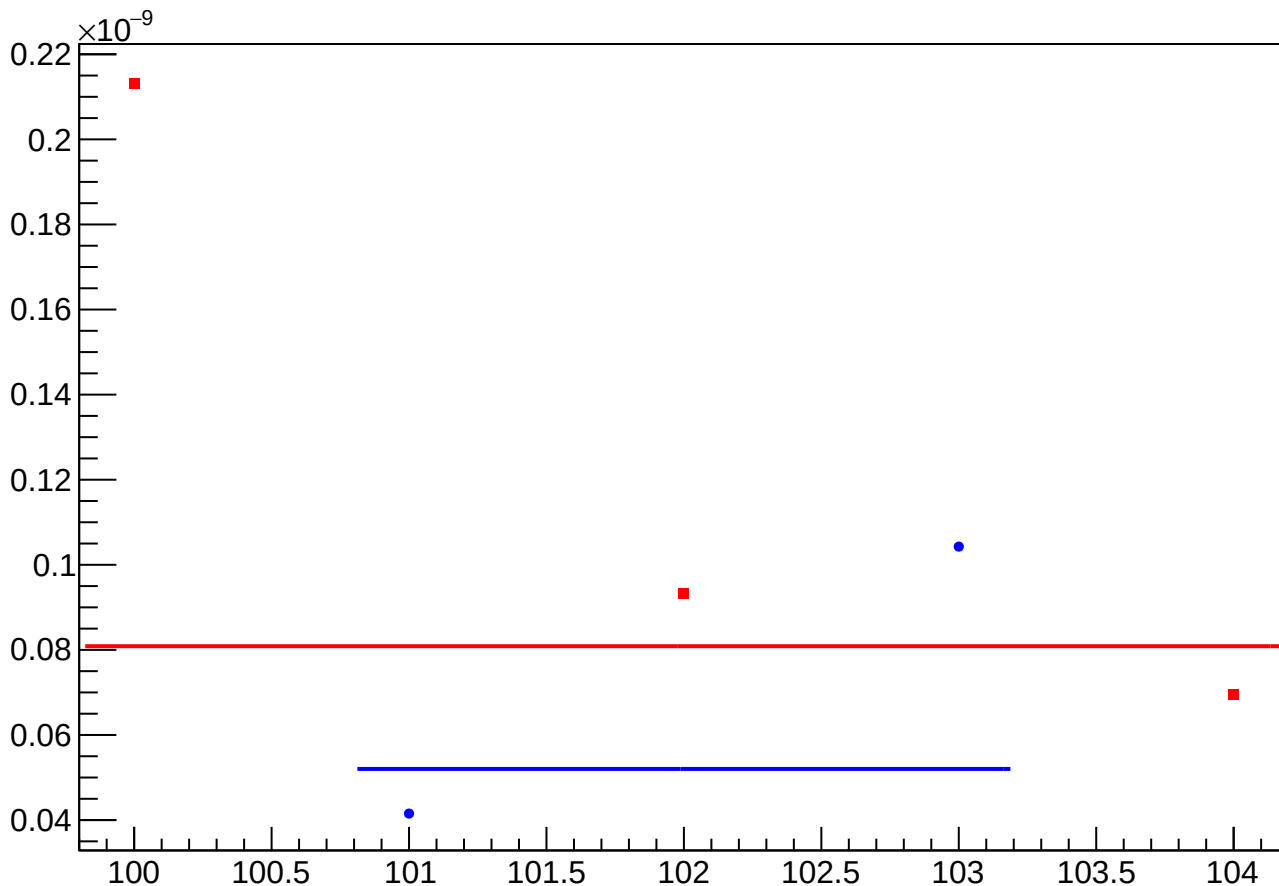
Right: -0.000+/-0.000 χ^2/NDF : 2.1/4

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 : 2.1/4

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 : 61961.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

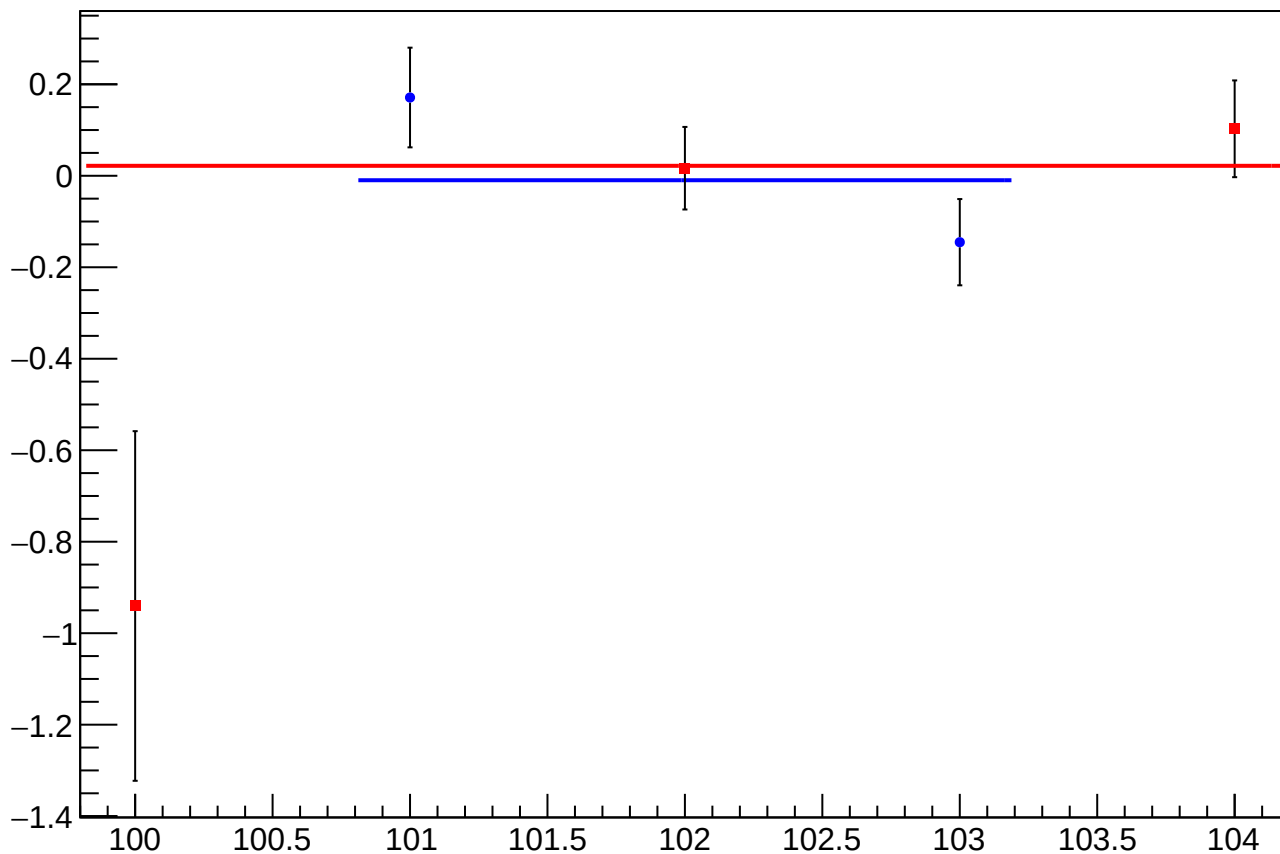
Right: 0.000+/-0.000 χ^2/NDF : 408430.6/4

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 : 408430.6/4

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.071 χ^2/NDF : 4.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.022 ± 0.068 χ^2/NDF : 6.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

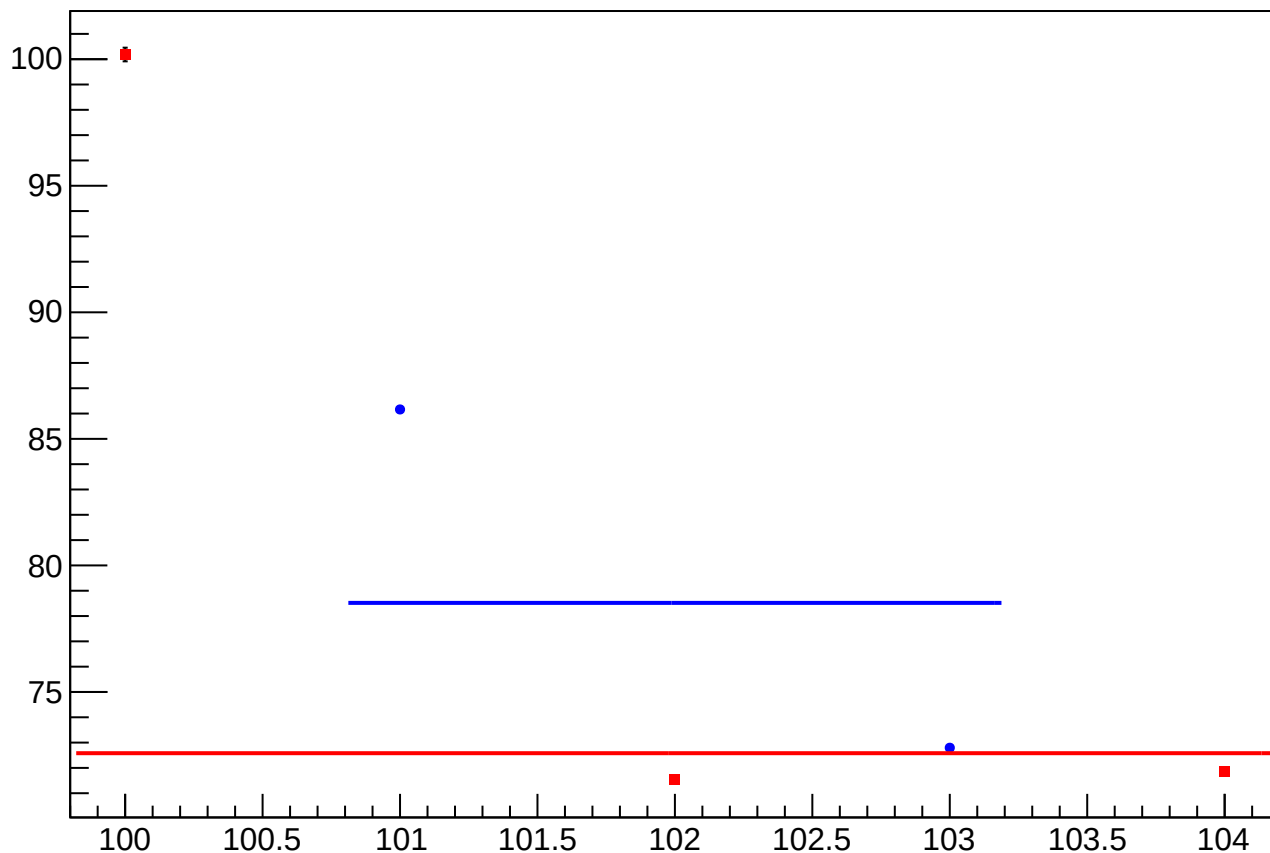
Right: 0.007 ± 0.049 χ^2/NDF : 11.8/4

In: -0.010 ± 0.071 χ^2/NDF : 4.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.049 χ^2/NDF : 11.8/4

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: 72.581+/-0.048 χ^2/NDF : 10781.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

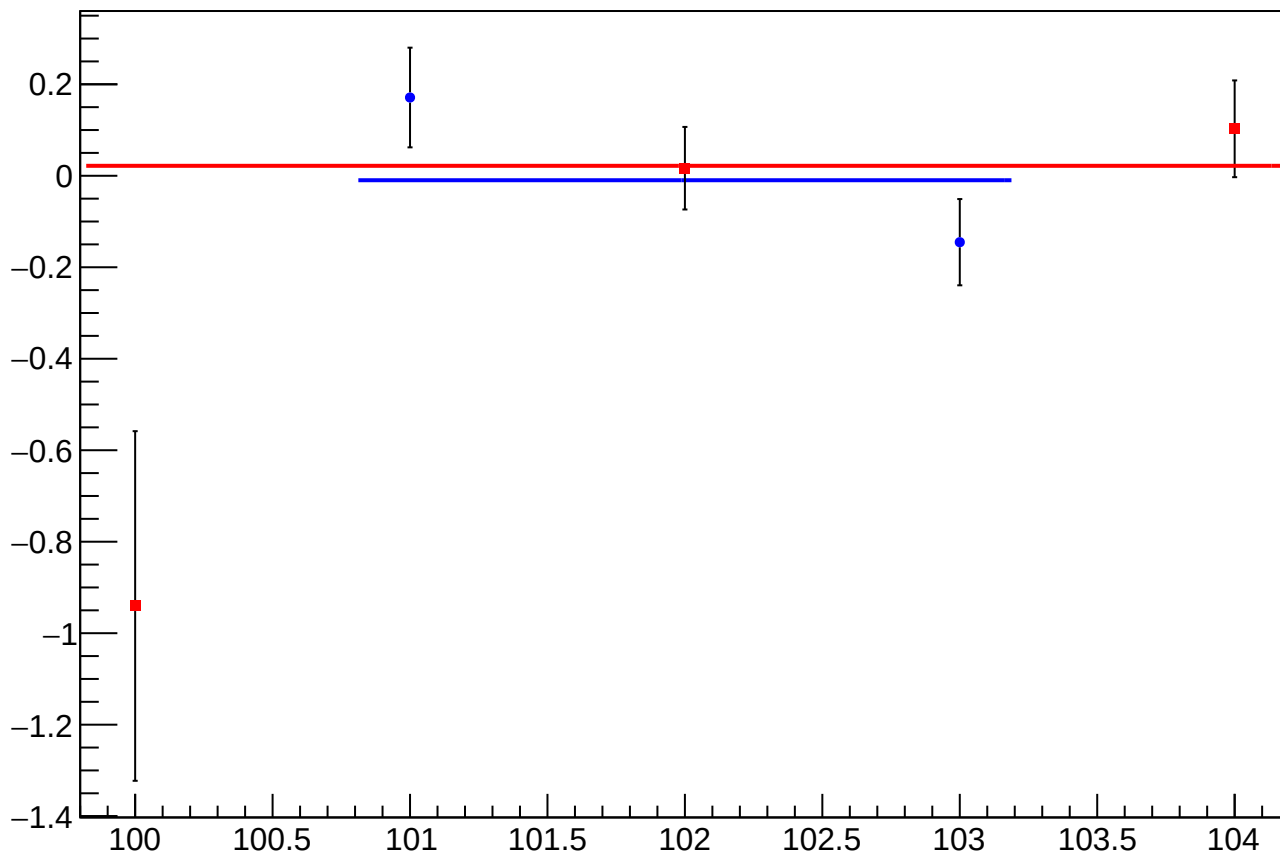
Right: 75.391+/-0.035 χ^2/NDF : 35297.0/4

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.391+/-0.035 χ^2/NDF : 35297.0/4

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: 0.022 $\pm$ 0.068 χ^2 /NDF: 6.9/2

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

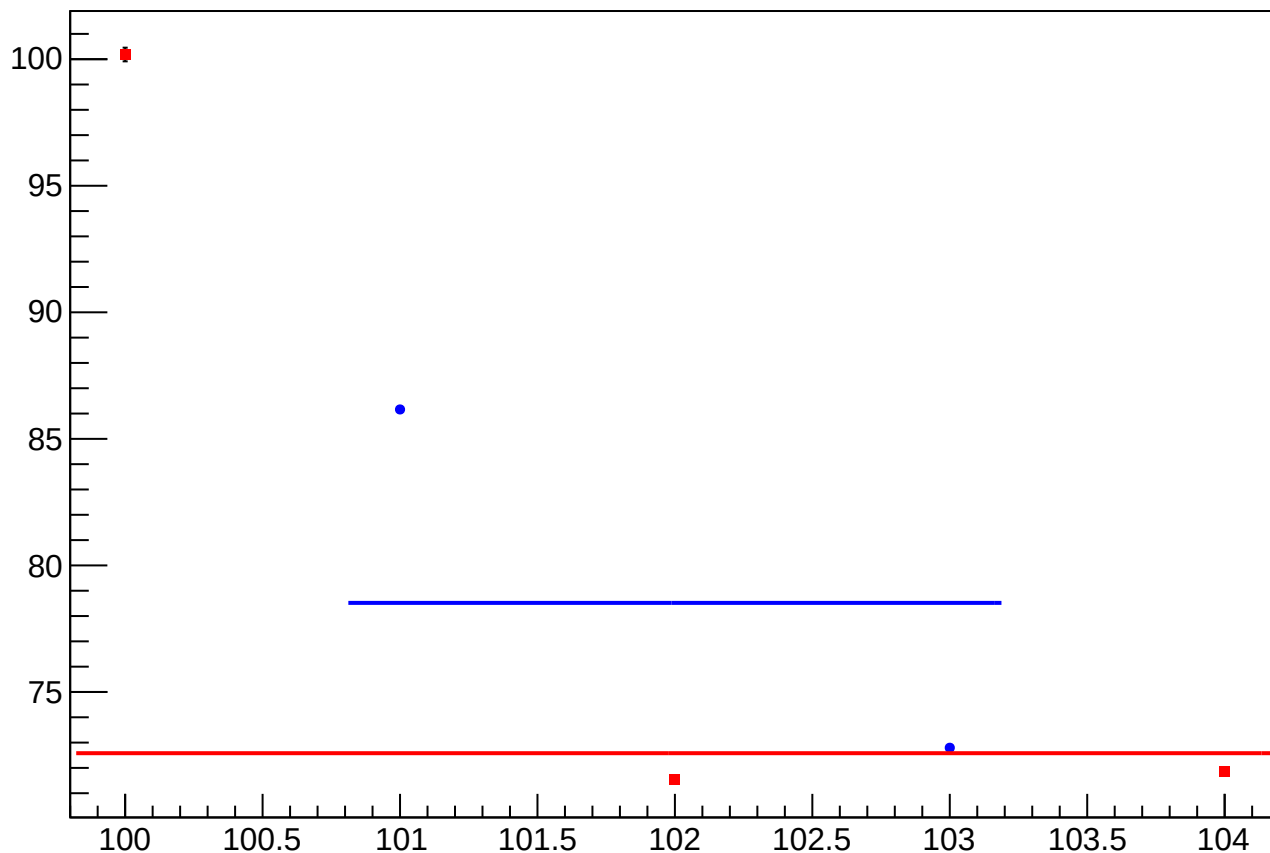
Right: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

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: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

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: 72.581+/-0.048 χ^2/NDF : 10781.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

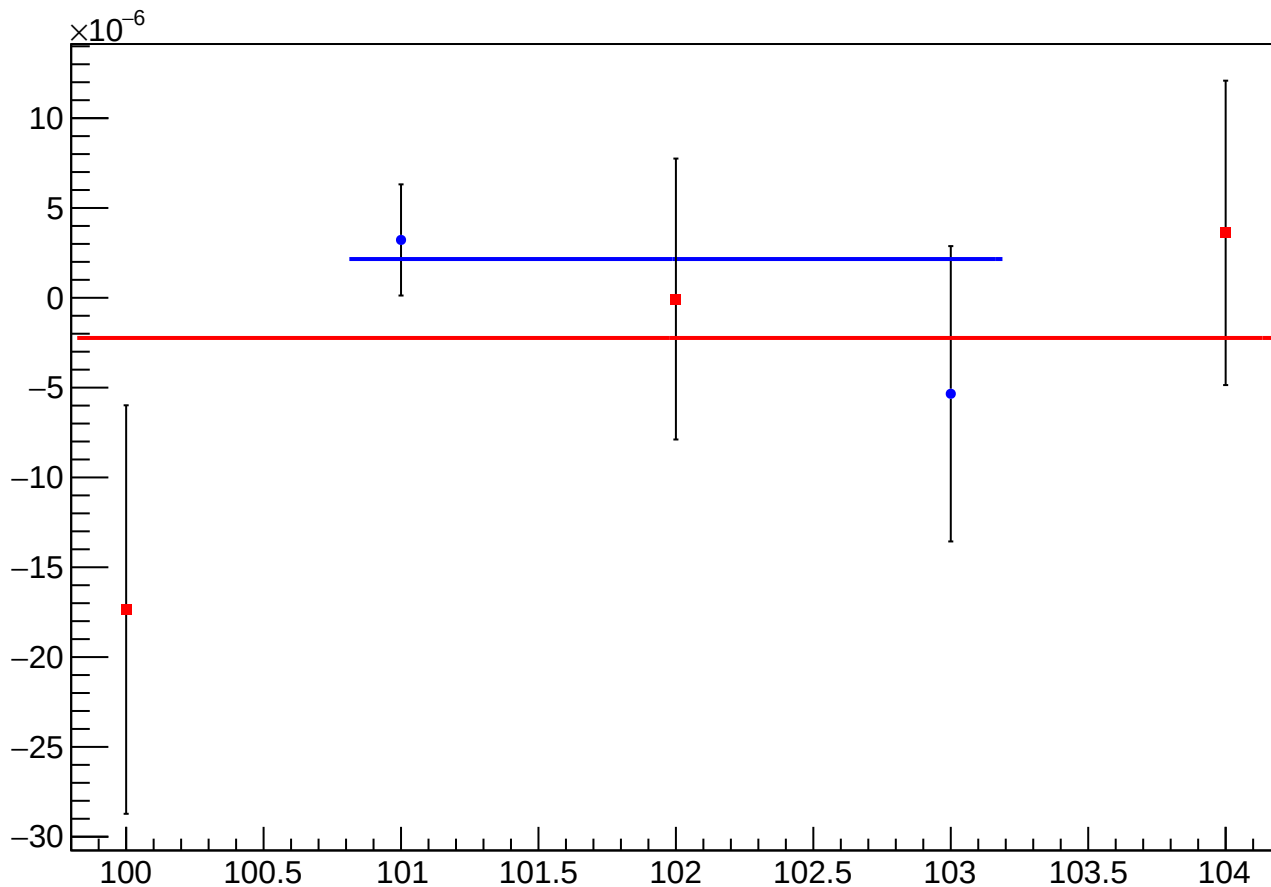
Right: 75.391+/-0.035 χ^2/NDF : 35297.0/4

In: 78.520+/-0.050 χ^2/NDF : 17207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.391+/-0.035 χ^2/NDF : 35297.0/4

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

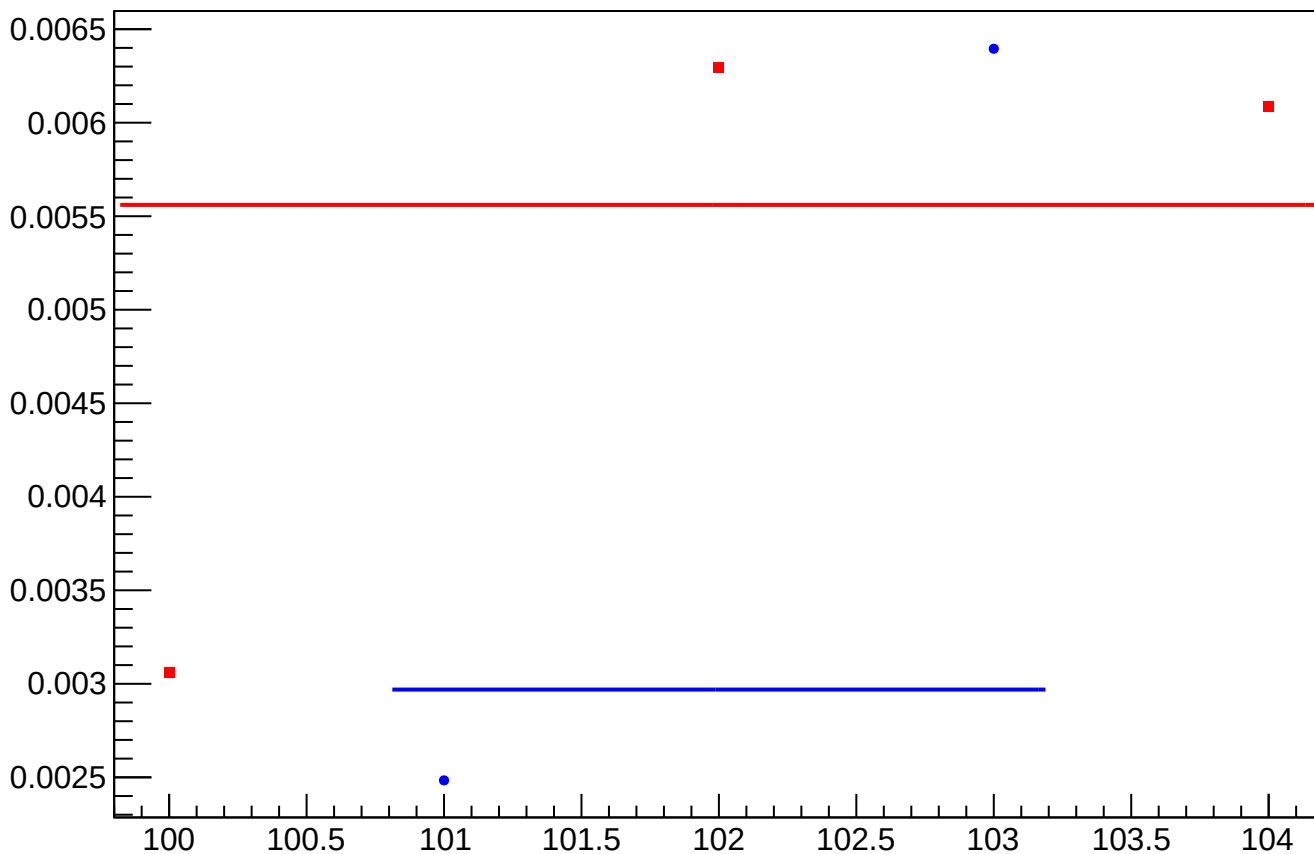
Right: 0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 3.8/4

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 396678.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 122083.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

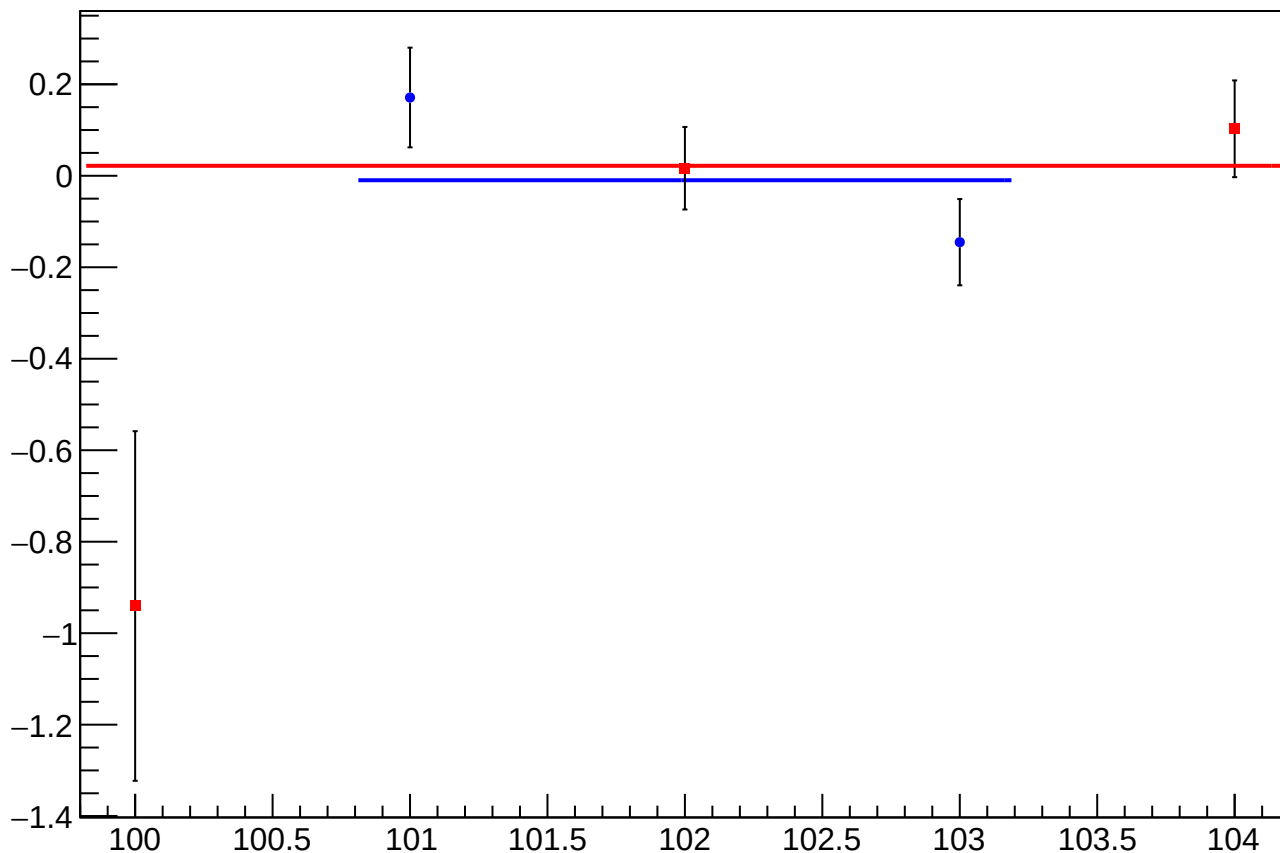
Right: 0.004+/-0.000 χ^2/NDF : 905939.7/4

In: 0.003+/-0.000 χ^2/NDF : 396678.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 905939.7/4

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: 0.022 $\pm$ 0.068 χ^2 /NDF: 6.9/2

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

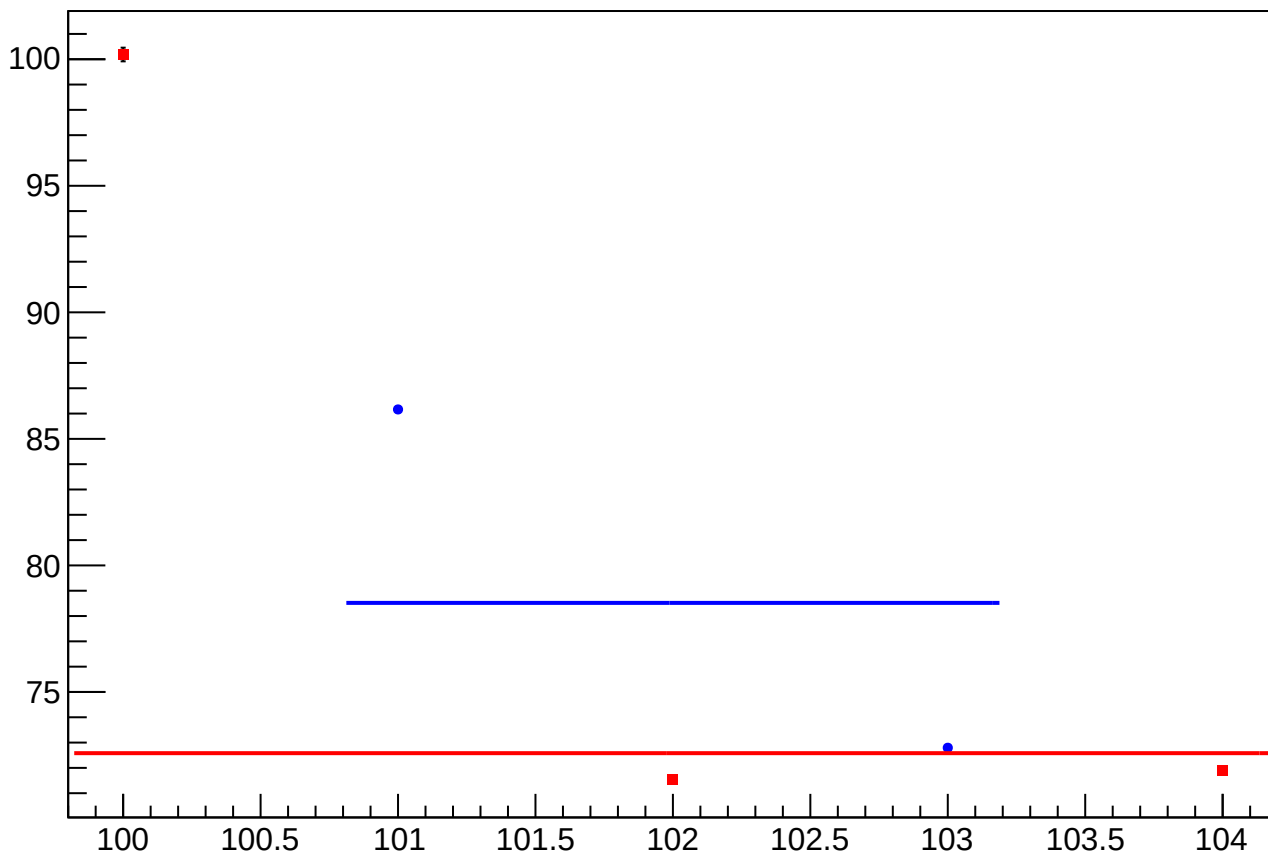
Right: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

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: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

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: 72.582+/-0.048 χ^2/NDF : 10781.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

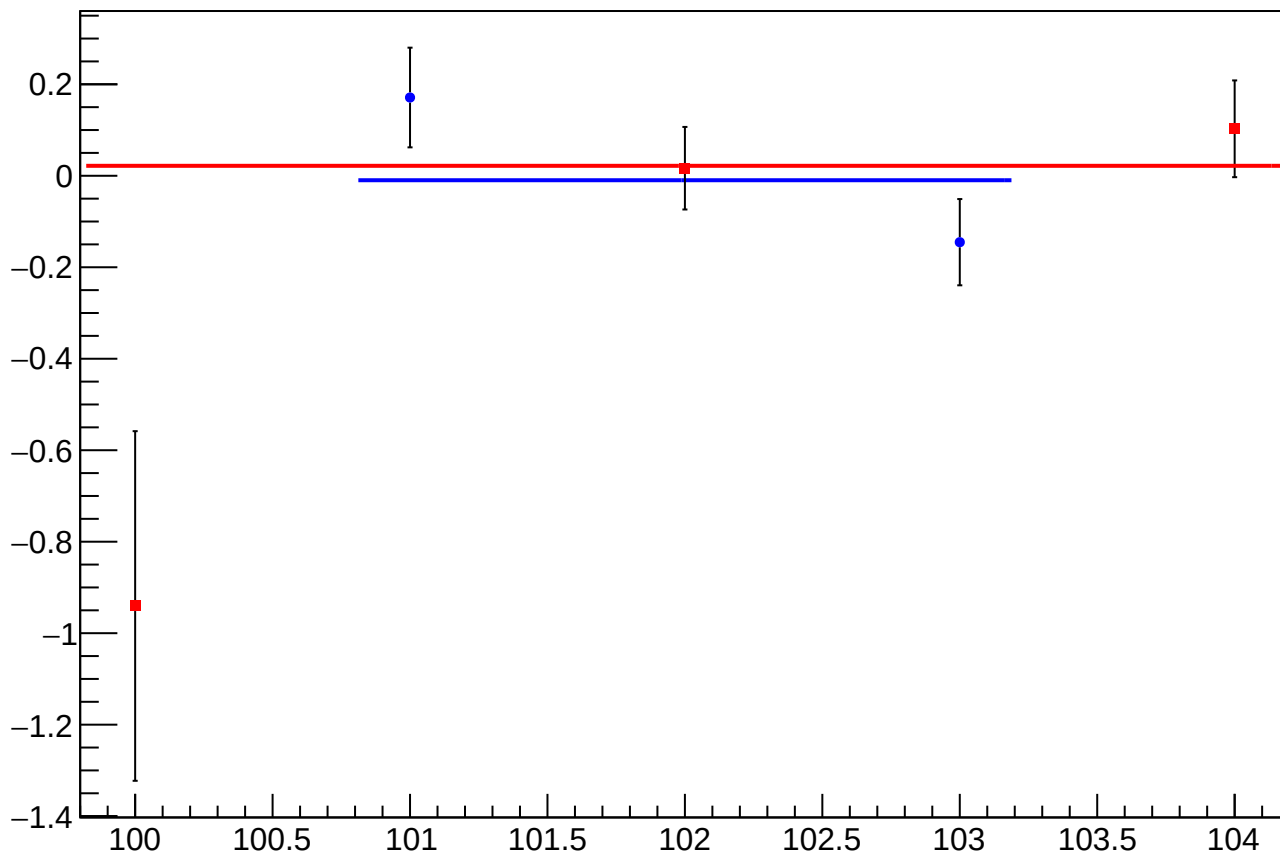
Right: 75.391+/-0.035 χ^2/NDF : 35300.1/4

In: 78.520+/-0.050 χ^2/NDF : 17211.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.391+/-0.035 χ^2/NDF : 35300.1/4

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: 0.022 $\pm$ 0.068 χ^2 /NDF: 6.9/2

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

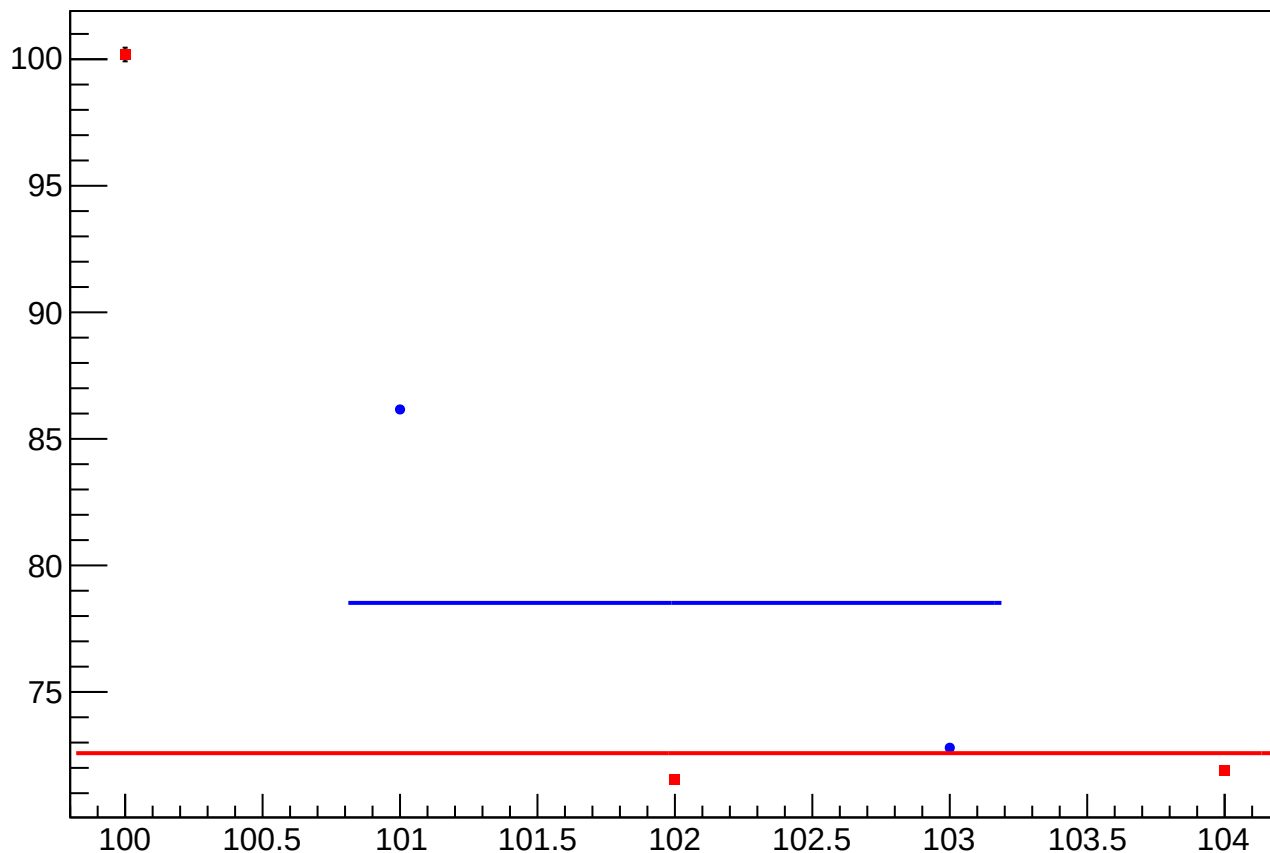
Right: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

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: 0.007 $\pm$ 0.049 χ^2 /NDF: 11.8/4

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 78.520 $\pm$ 0.050 χ^2 /NDF: 17211.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.582 $\pm$ 0.048 χ^2 /NDF: 10781.8/2

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

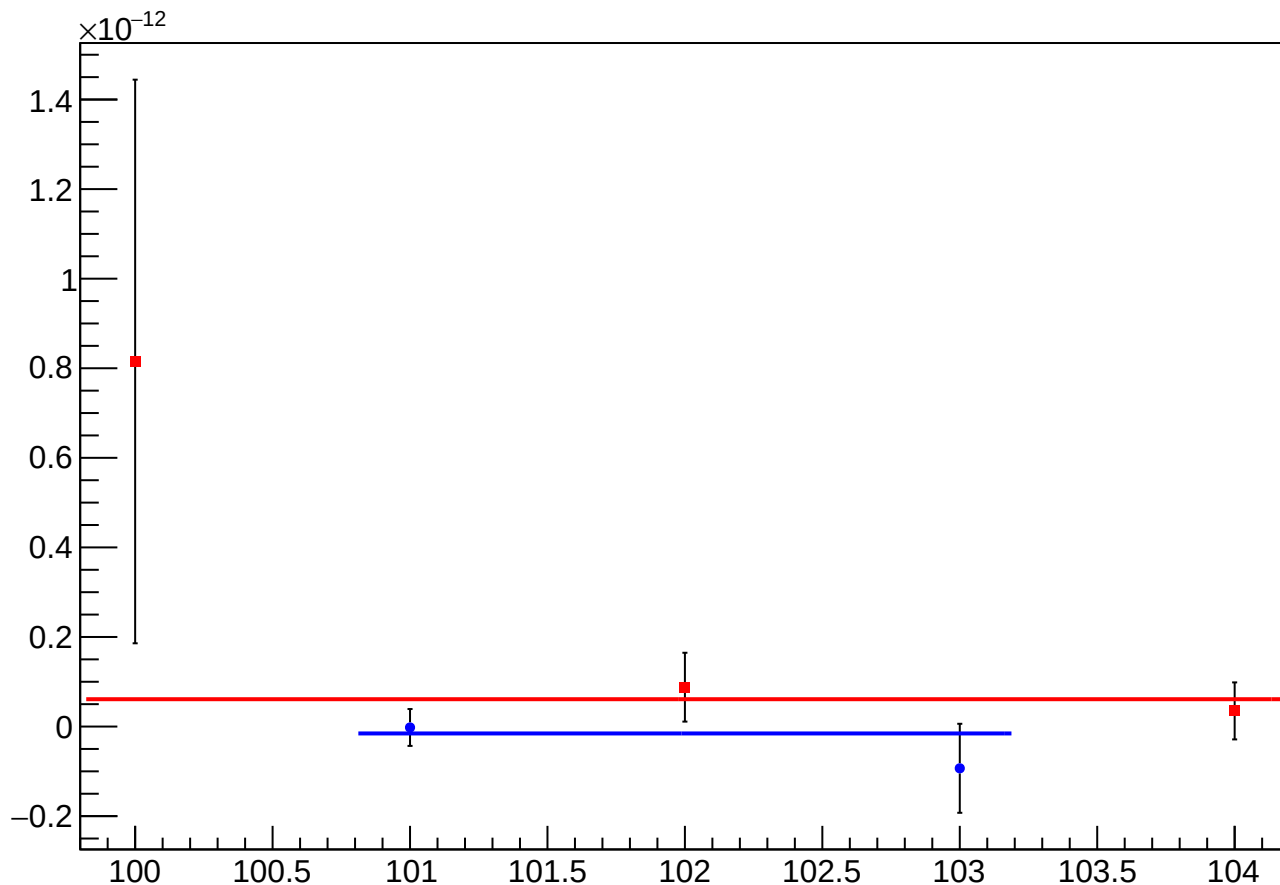
Right: 75.391 $\pm$ 0.035 χ^2 /NDF: 35300.1/4

In: 78.520 $\pm$ 0.050 χ^2 /NDF: 17211.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.391 $\pm$ 0.035 χ^2 /NDF: 35300.1/4

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 : 1.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

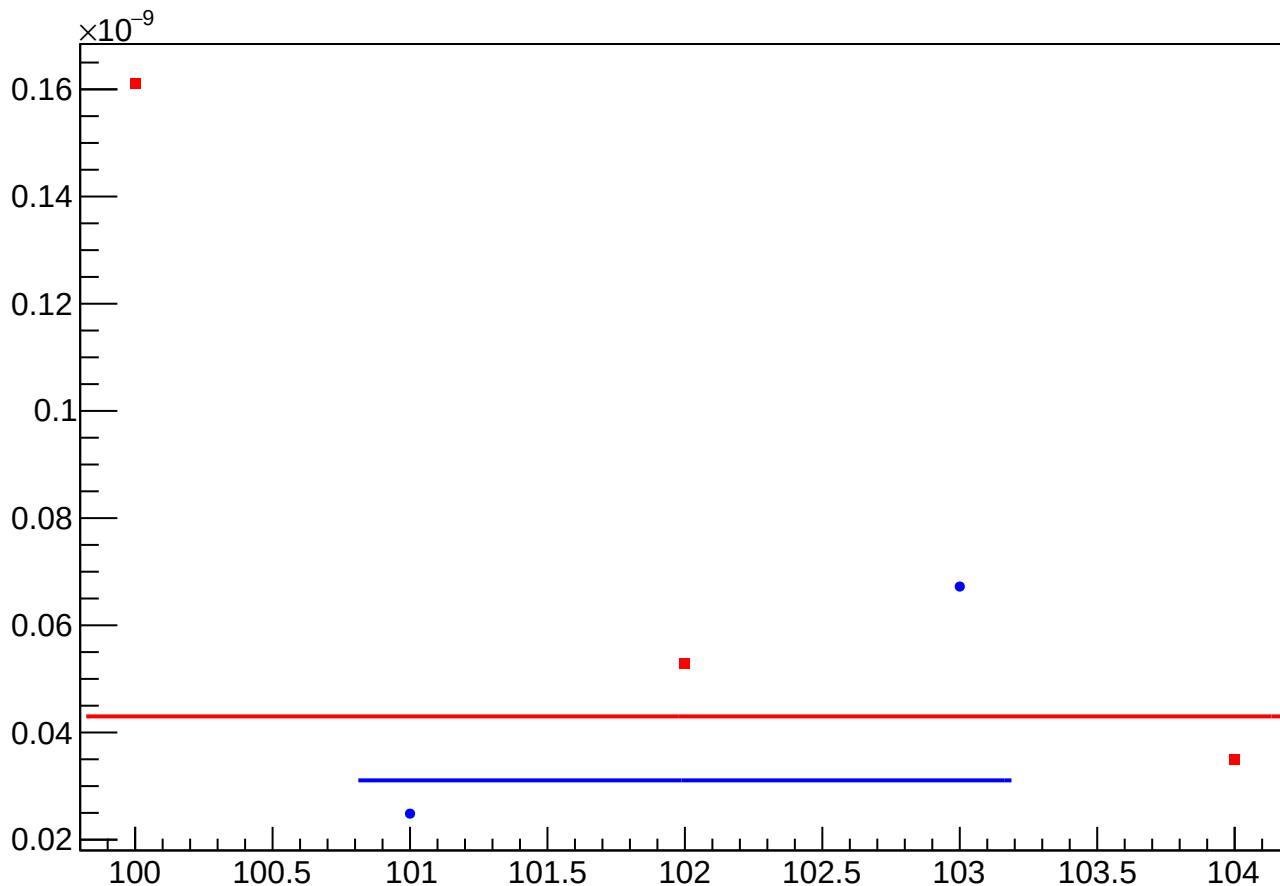
Right: 0.000+/-0.000 χ^2/NDF : 4.0/4

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 : 4.0/4

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 : 135651.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

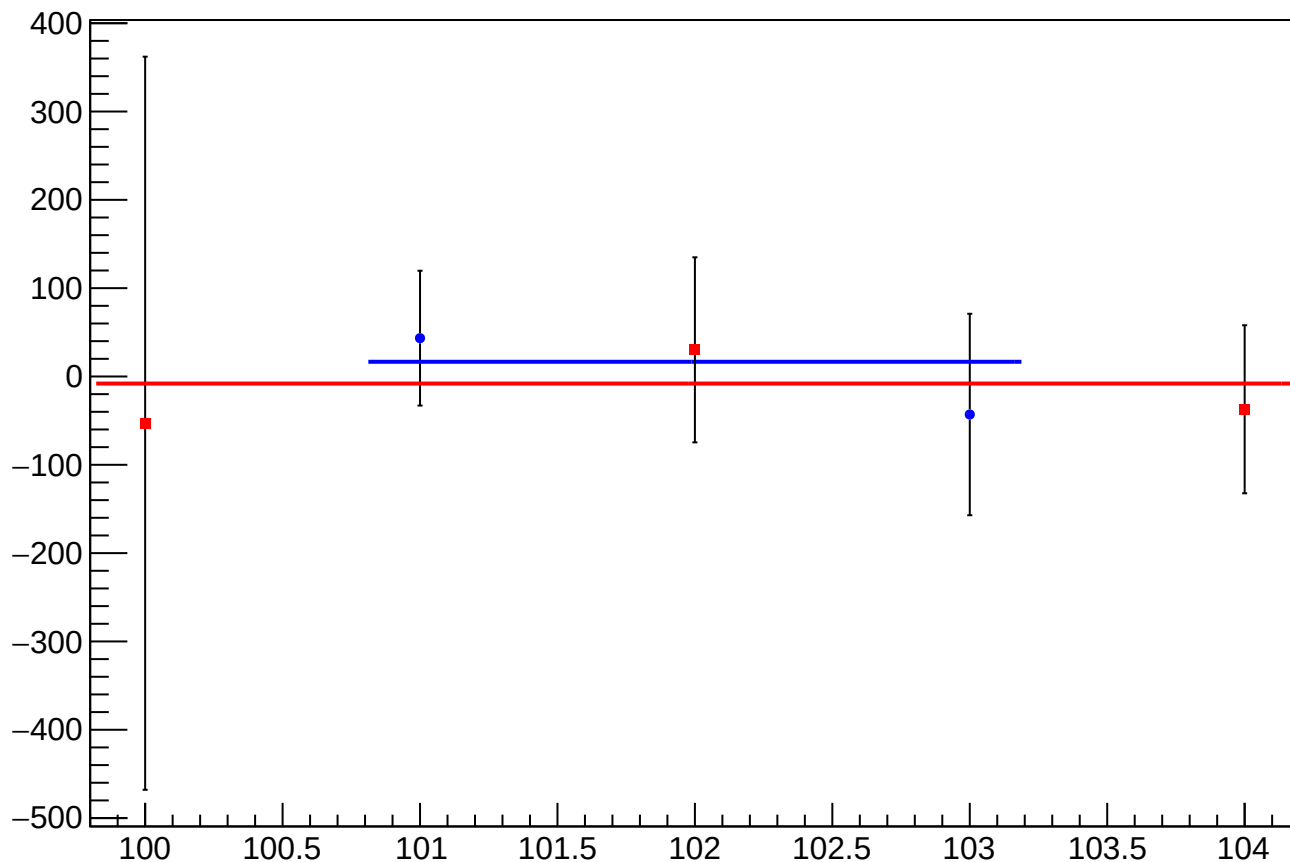
Right: 0.000+/-0.000 χ^2/NDF : 520311.9/4

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 : 520311.9/4

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.657+/-63.429 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.998+/-69.436 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

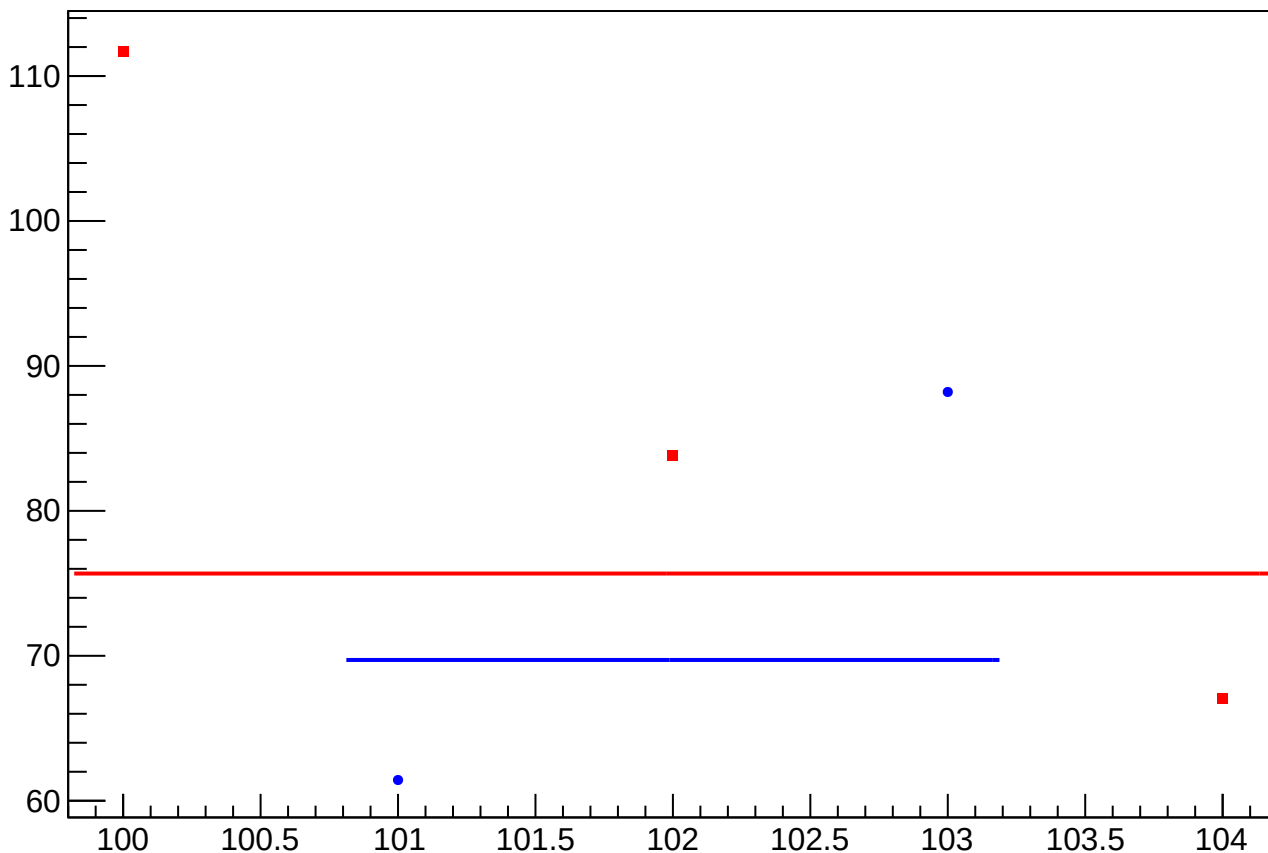
Right: 5.442+/-46.831 χ^2/NDF : 0.7/4

In: 16.657+/-63.429 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.442+/-46.831 χ^2/NDF : 0.7/4

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 69.713 ± 0.045 $\chi^2/\text{NDF}: 76133.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 75.676 ± 0.049 $\chi^2/\text{NDF}: 43622.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

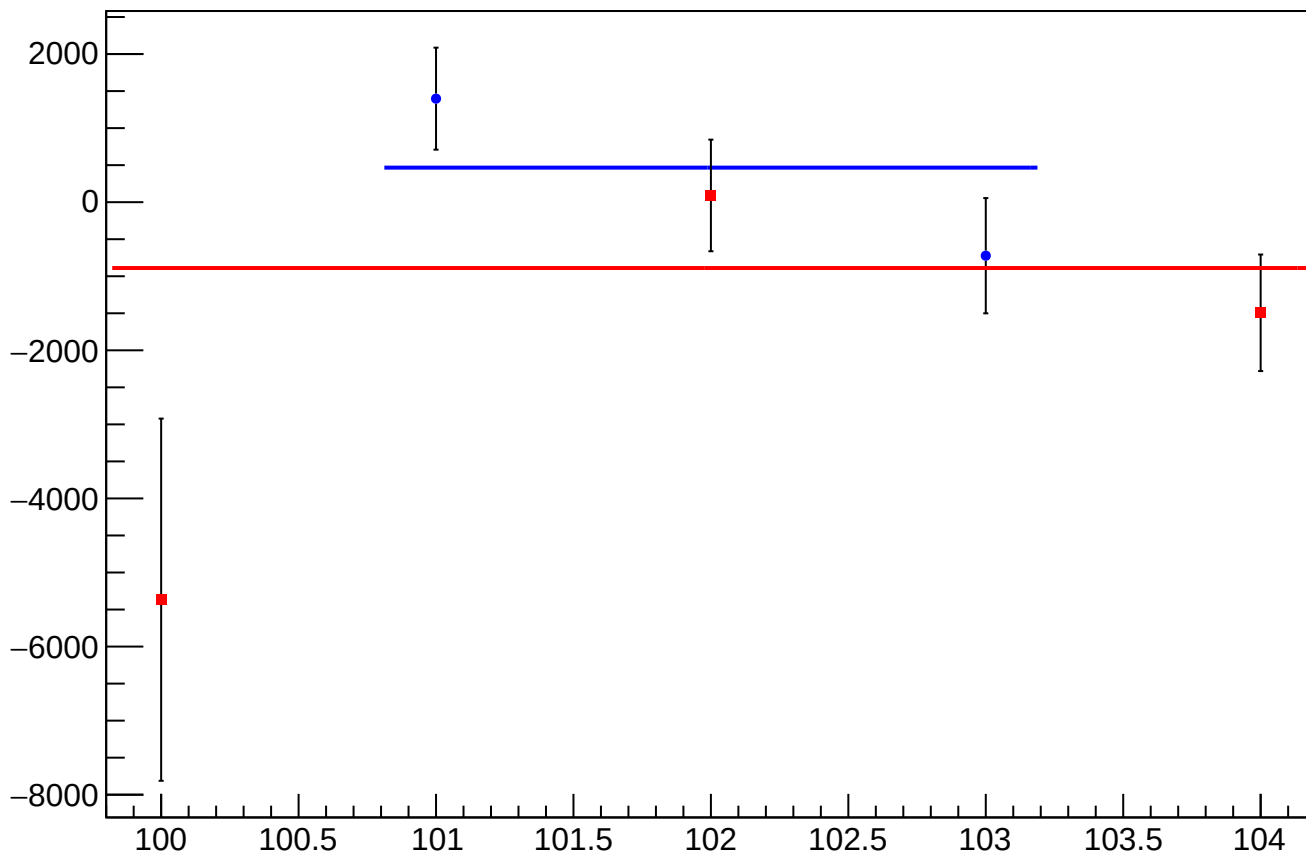
Right: 72.426 ± 0.033 $\chi^2/\text{NDF}: 127797.1/4$

In: 69.713 ± 0.045 $\chi^2/\text{NDF}: 76133.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 72.426 ± 0.033 $\chi^2/\text{NDF}: 127797.1/4$

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: -888.970+/-531.187 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

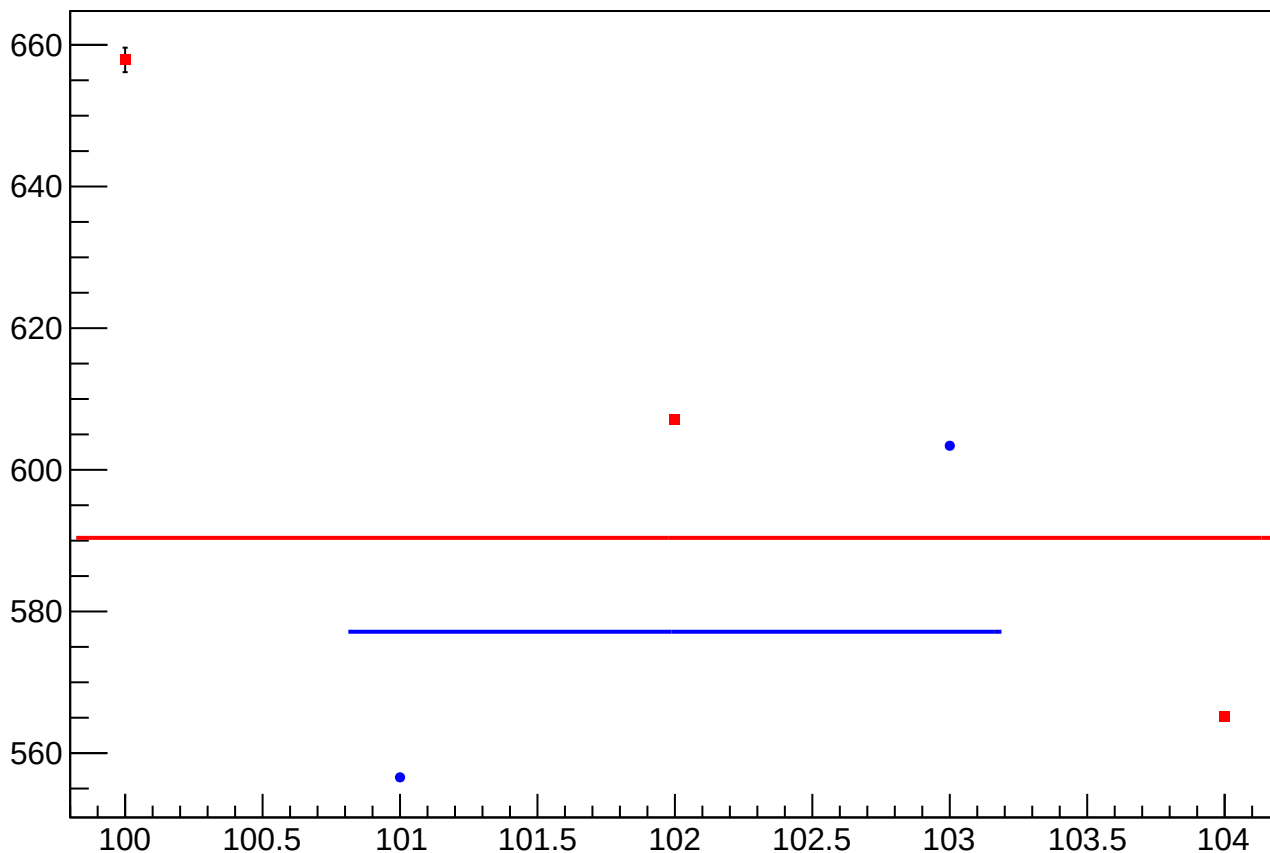
Right: -191.005+/-369.969 χ^2/NDF : 13.2/4

In: 466.581+/-515.592 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.005+/-369.969 χ^2/NDF : 13.2/4

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: 590.396+/-0.376 χ^2/NDF : 4548.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

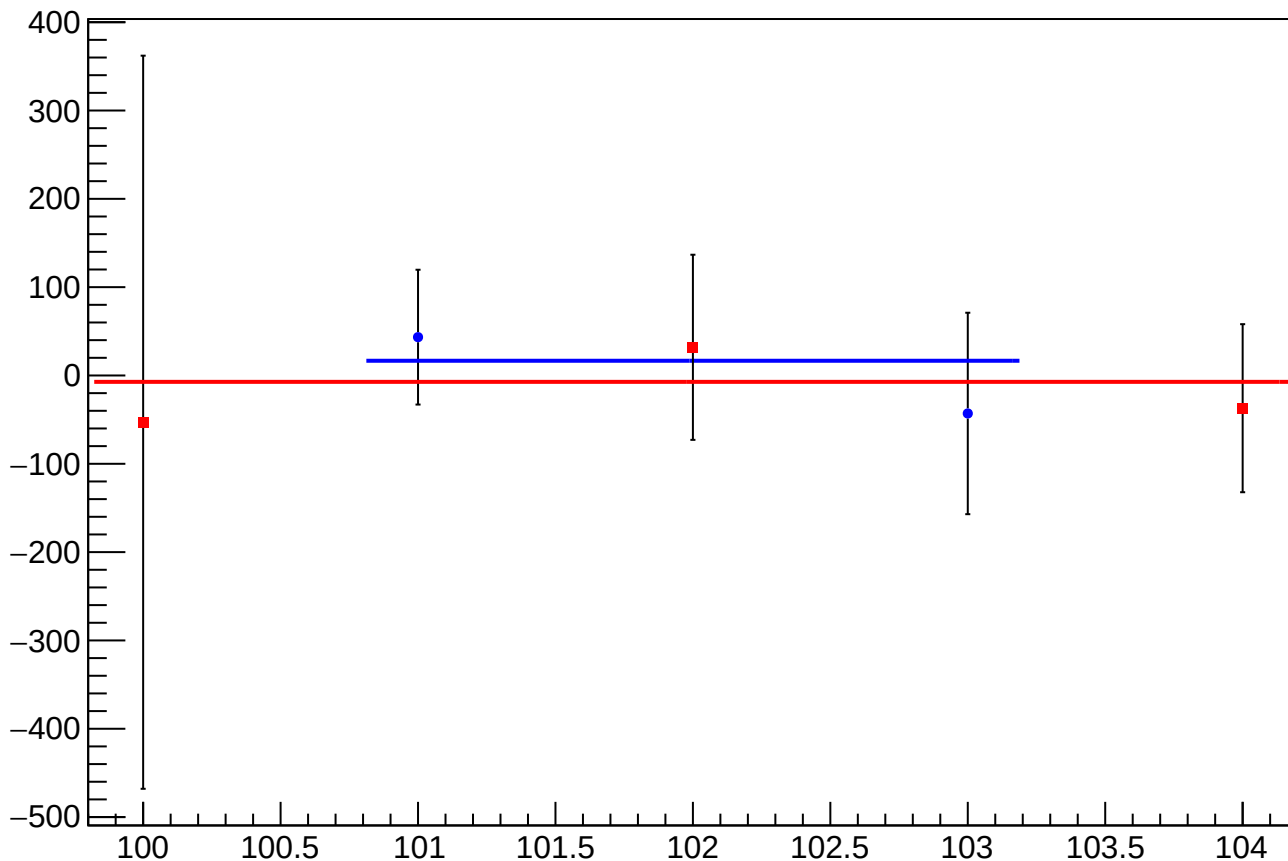
Right: 583.570+/-0.262 χ^2/NDF : 9250.7/4

In: 577.140+/-0.365 χ^2/NDF : 4061.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.570+/-0.262 χ^2/NDF : 9250.7/4

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: -7.216 $\pm$ 69.450 χ^2 /NDF: 0.2/2

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

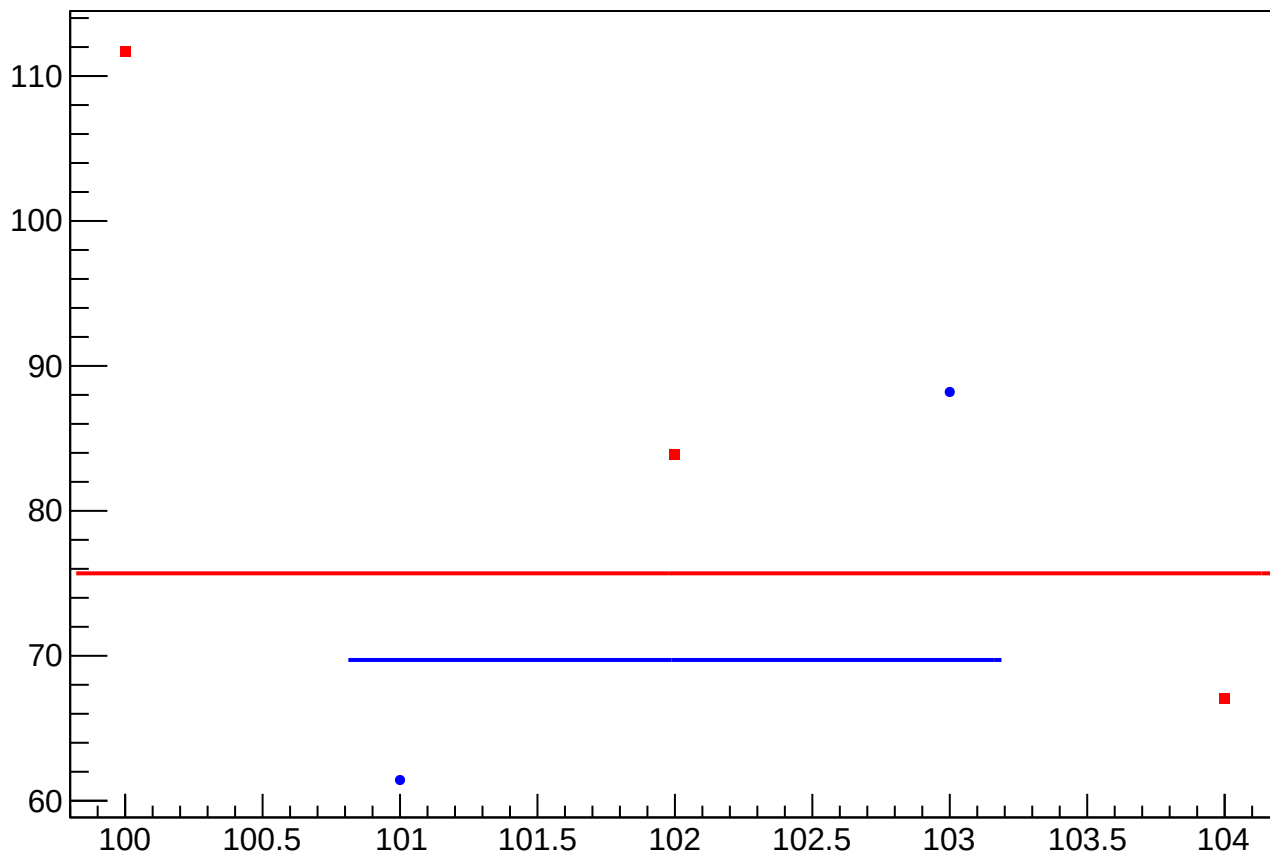
Right: 5.805 $\pm$ 46.835 χ^2 /NDF: 0.7/4

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: 5.805 $\pm$ 46.835 χ^2 /NDF: 0.7/4

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: 75.689+/-0.049 χ^2/NDF : 43718.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

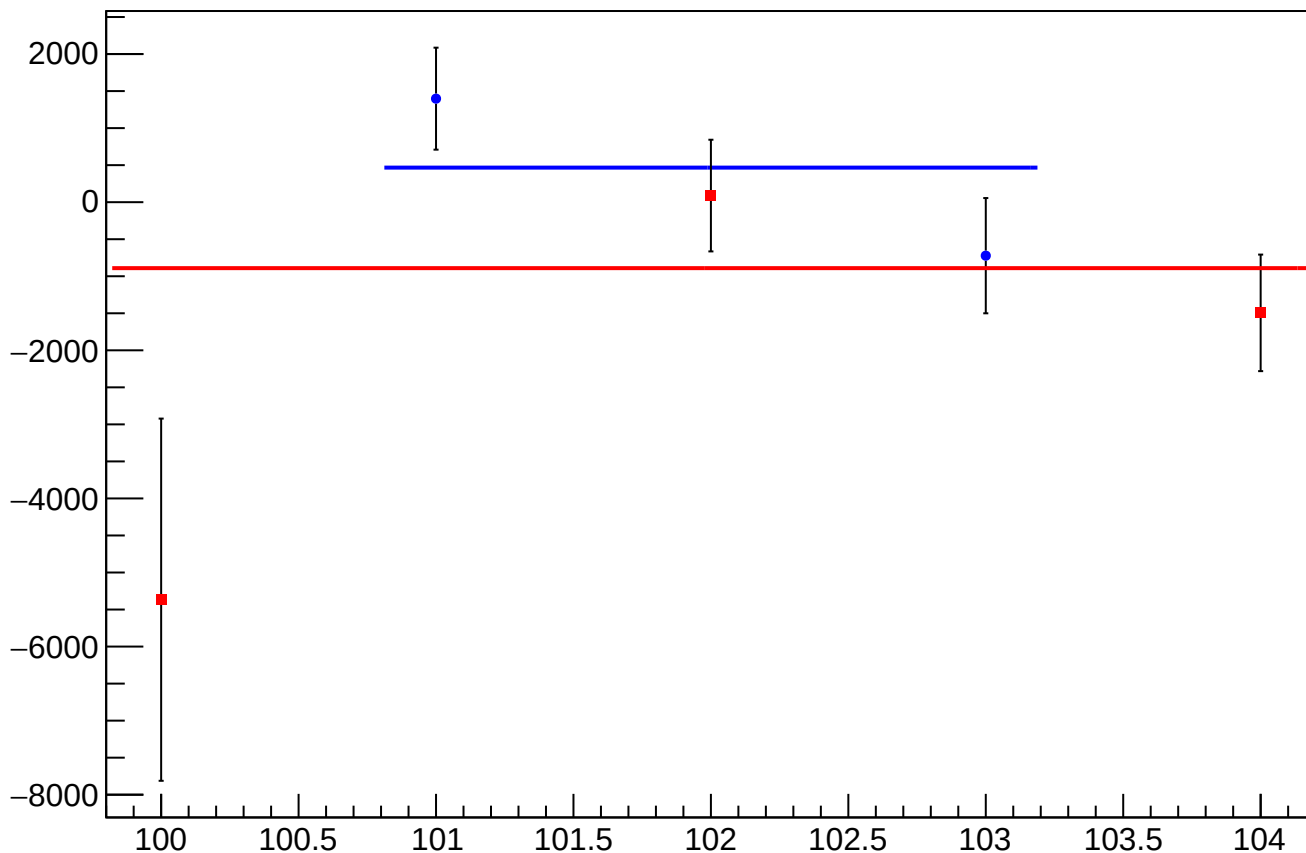
Right: 72.431+/-0.033 χ^2/NDF : 127928.1/4

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.431+/-0.033 χ^2/NDF : 127928.1/4

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: -890.602+/-531.318 χ^2/NDF : 5.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

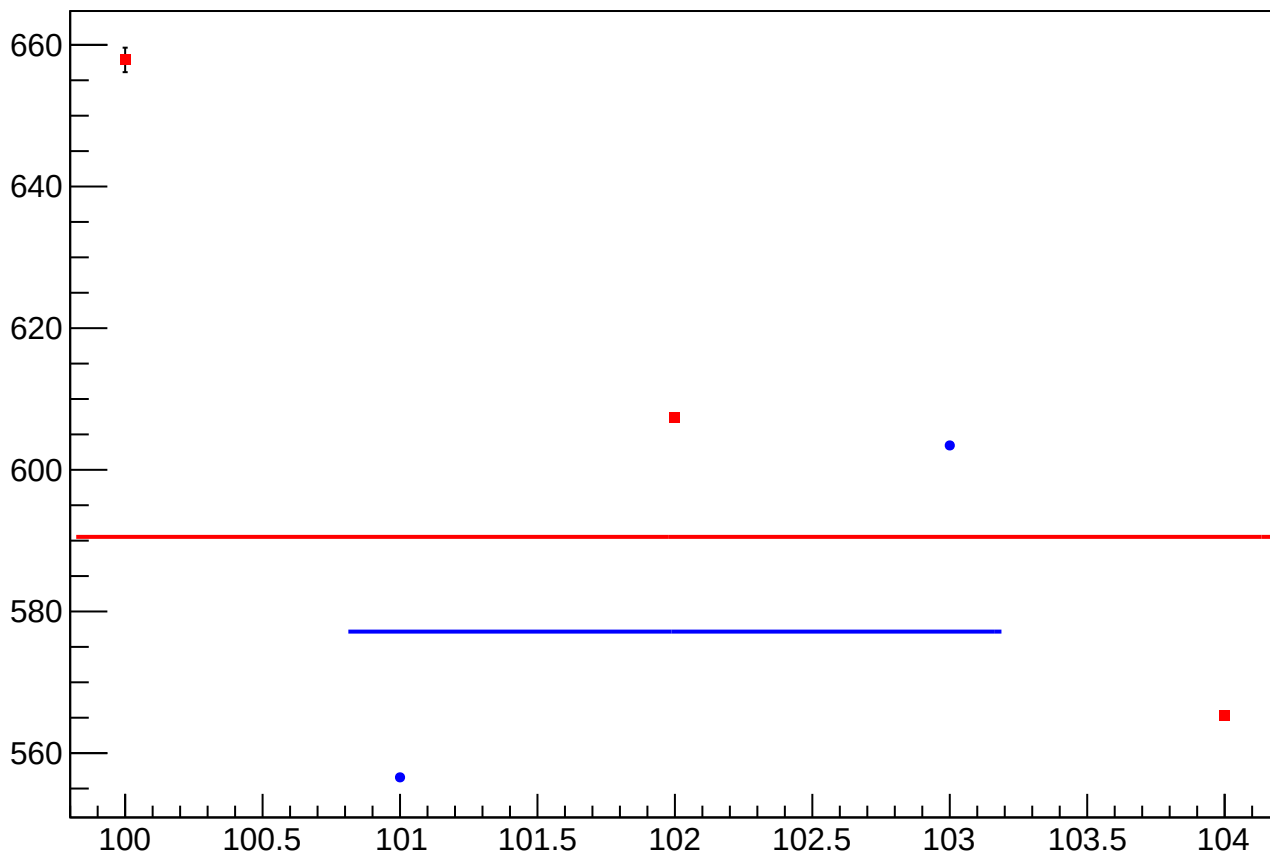
Right: -191.556+/-370.020 χ^2/NDF : 13.2/4

In: 466.765+/-515.610 χ^2/NDF : 4.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.556+/-370.020 χ^2/NDF : 13.2/4

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: 590.533+/-0.376 χ^2/NDF : 4572.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

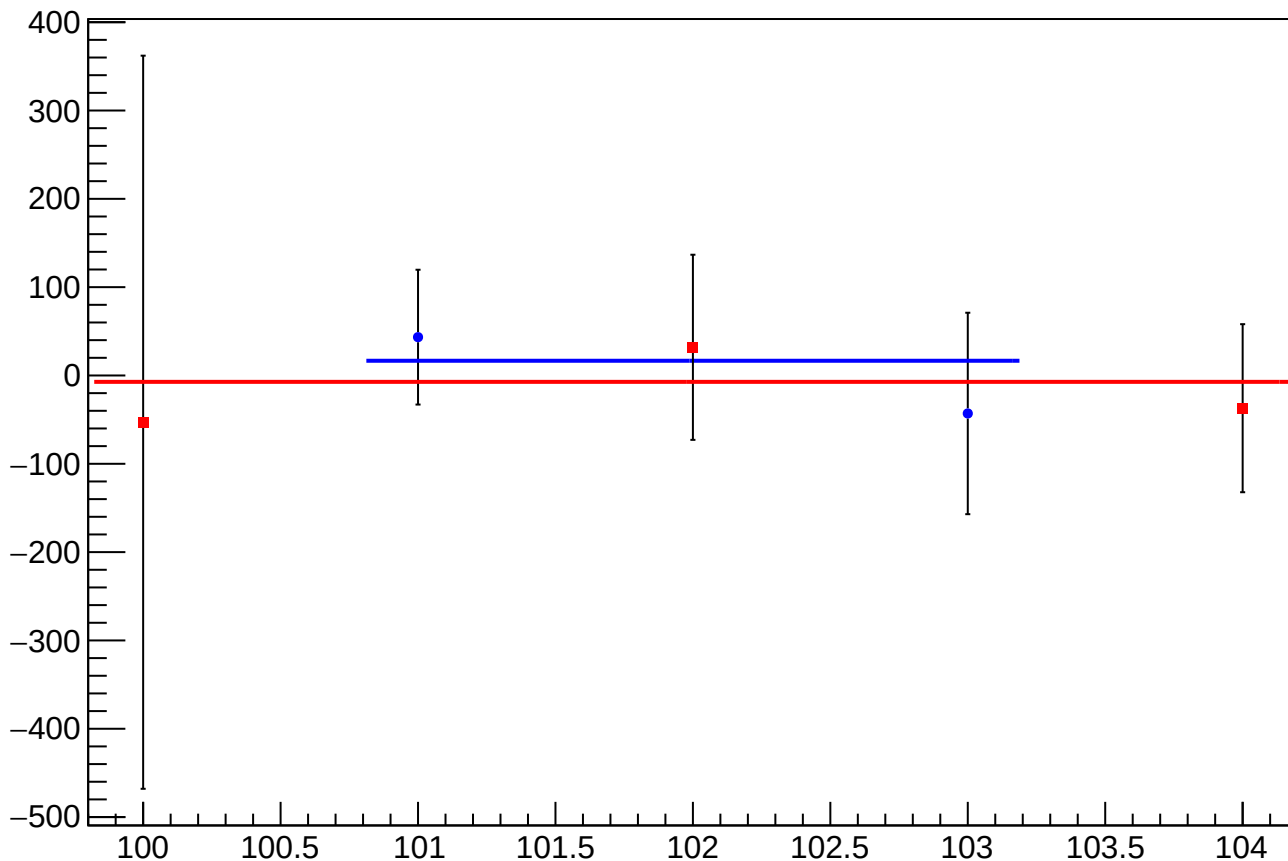
Right: 583.645+/-0.262 χ^2/NDF : 9293.9/4

In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.645+/-0.262 χ^2/NDF : 9293.9/4

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 16.665 $\pm$ 63.429 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -7.216 $\pm$ -69.450 χ^2 /NDF: 0.2/2

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

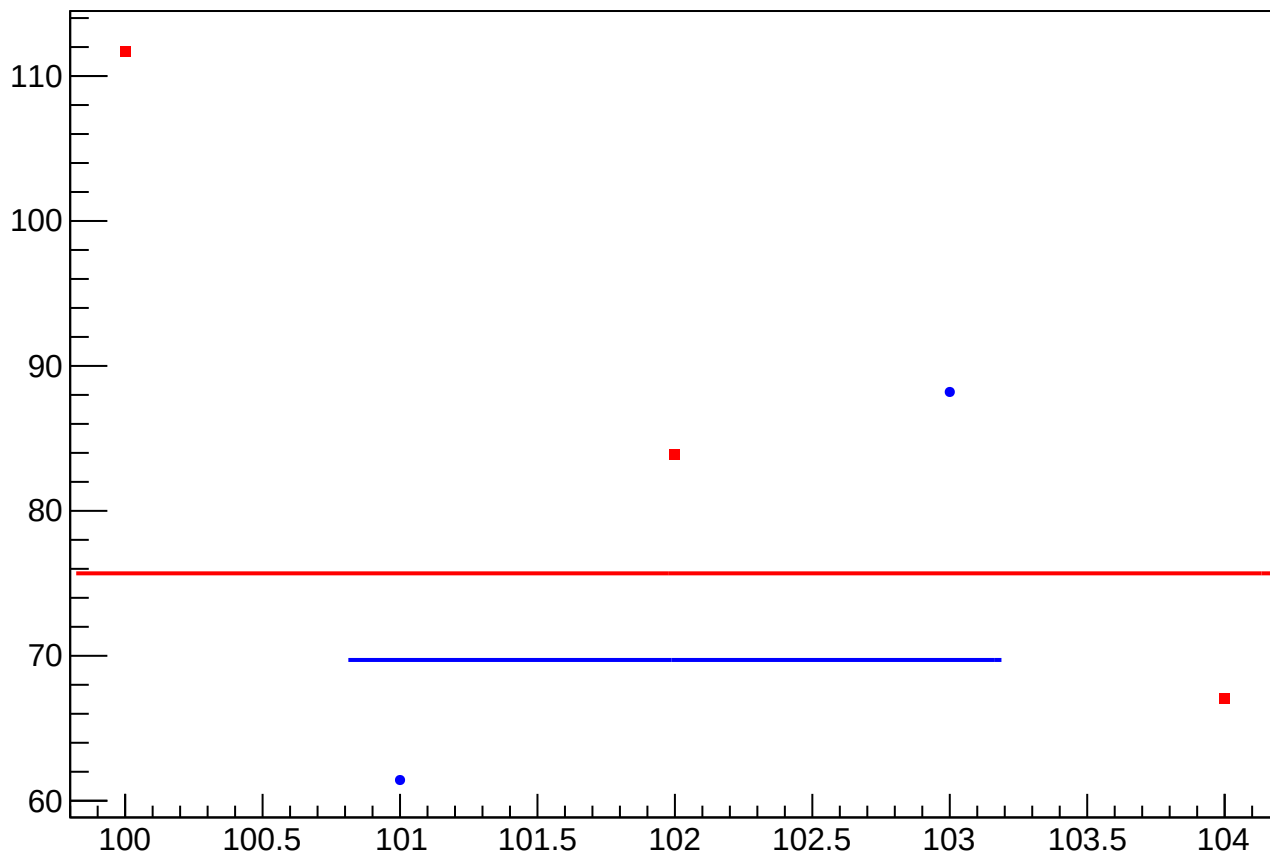
Right: 5.805 $\pm$ -46.835 χ^2 /NDF: 0.7/4

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: 5.805 $\pm$ -46.835 χ^2 /NDF: 0.7/4

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: 75.689+/-0.049 χ^2/NDF : 43718.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

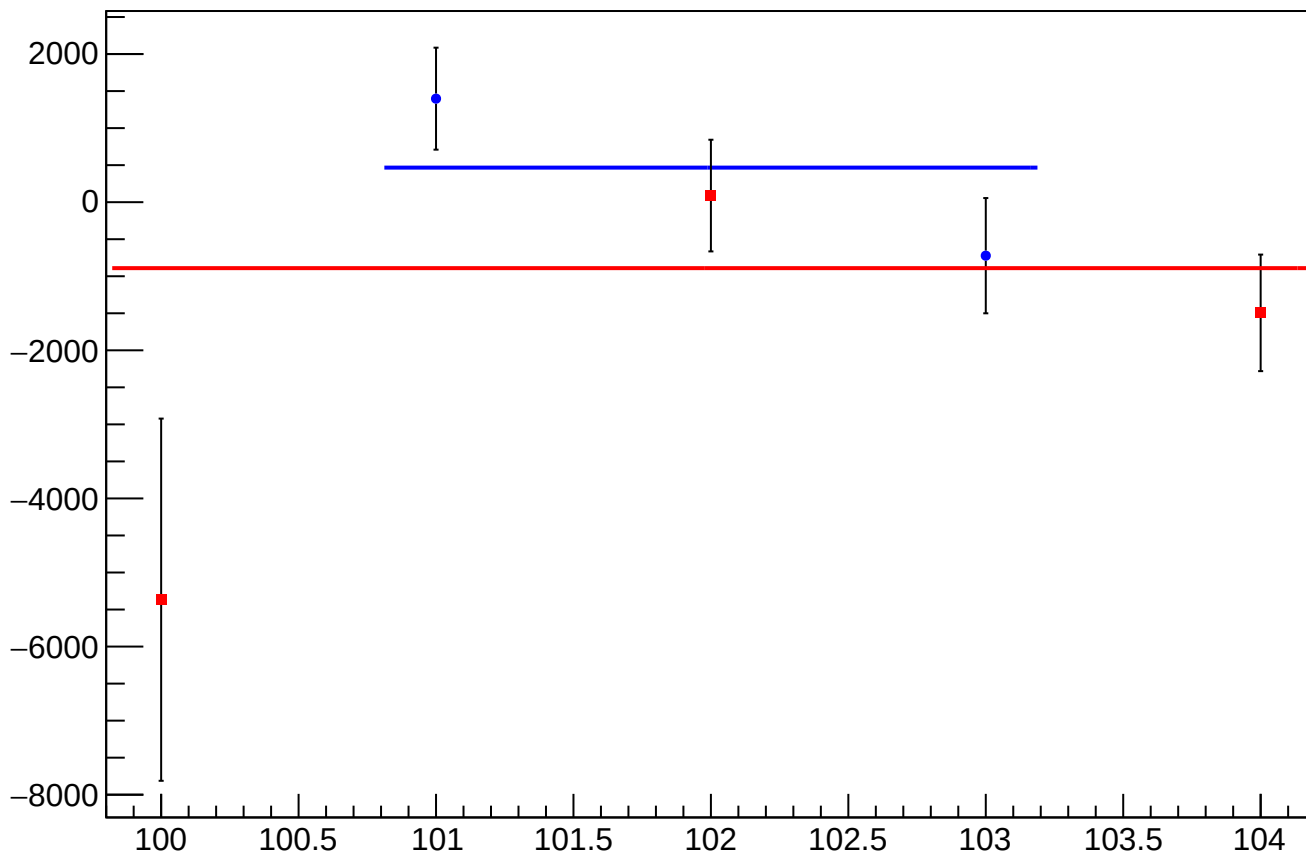
Right: 72.431+/-0.033 χ^2/NDF : 127928.1/4

In: 69.713+/-0.045 χ^2/NDF : 76135.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.431+/-0.033 χ^2/NDF : 127928.1/4

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 466.765 $\pm$ 515.610 χ^2 /NDF: 4.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -890.602 $\pm$ 531.318 χ^2 /NDF: 5.6/2

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

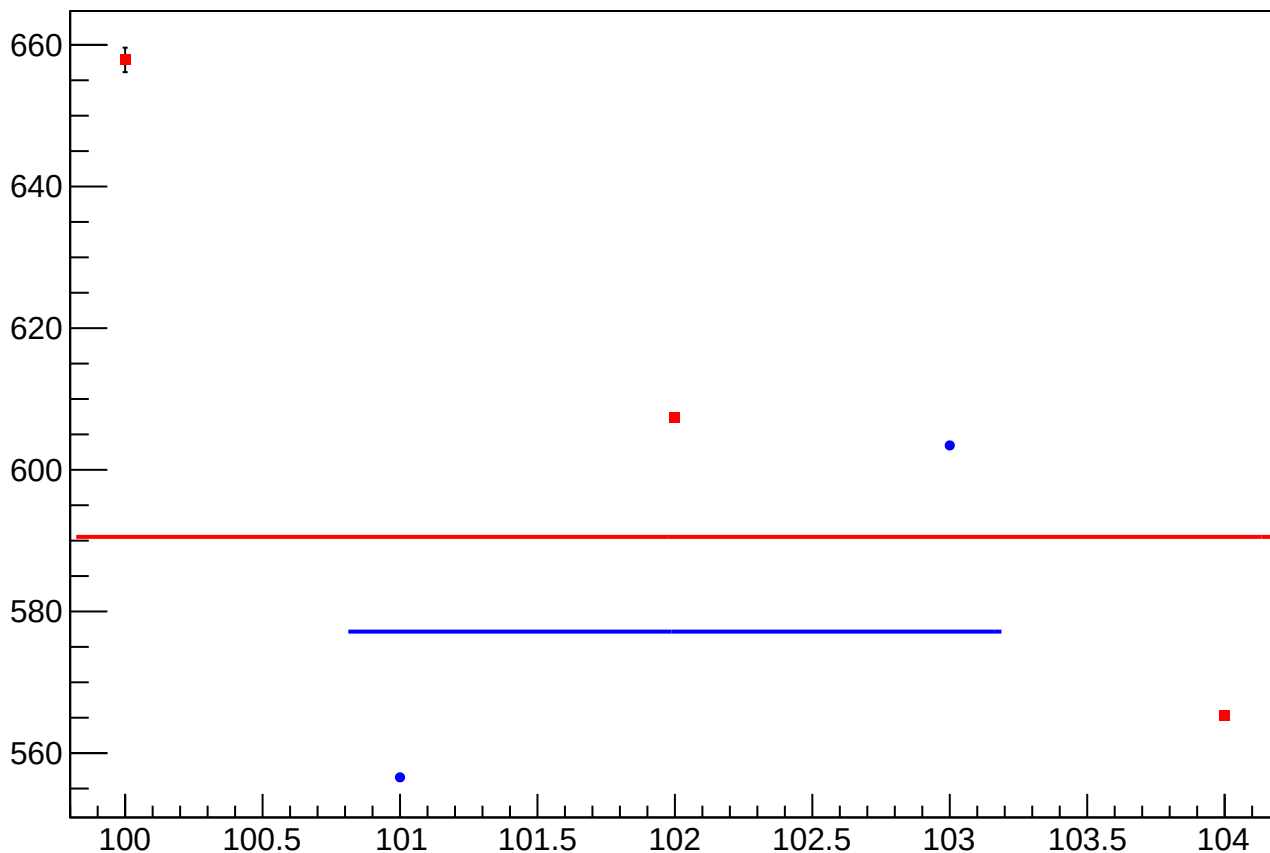
Right: -191.556 $\pm$ 370.020 χ^2 /NDF: 13.2/4

In: 466.765 $\pm$ 515.610 χ^2 /NDF:4.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -191.556 $\pm$ 370.020 χ^2 /NDF: 13.2/4

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 590.533+/-0.376 χ^2/NDF : 4572.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

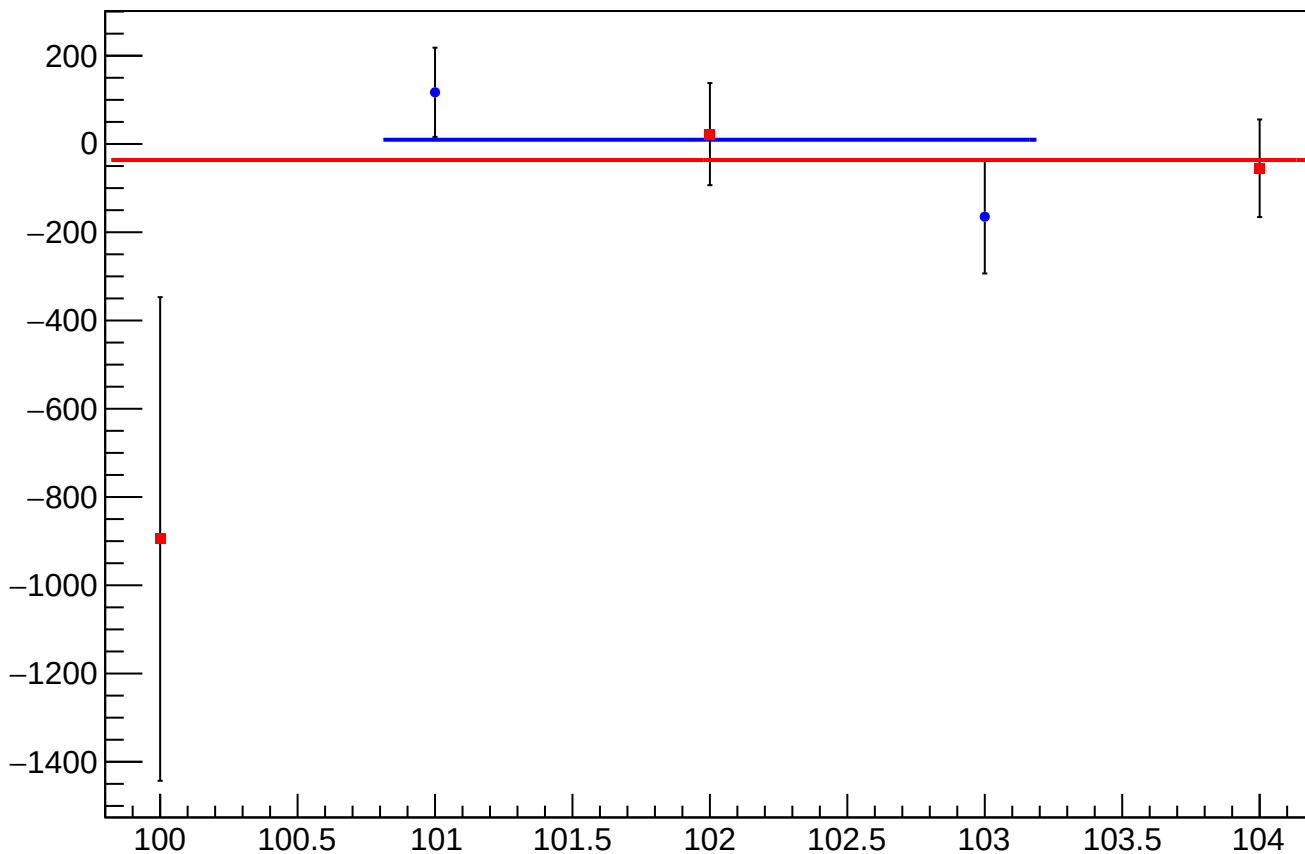
Right: 583.645+/-0.262 χ^2/NDF : 9293.9/4

In: 577.158+/-0.365 χ^2/NDF : 4069.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.645+/-0.262 χ^2/NDF : 9293.9/4

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 9.590+/-79.497 χ^2 /NDF: 3.0/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -36.357+/-79.112 χ^2 /NDF: 2.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

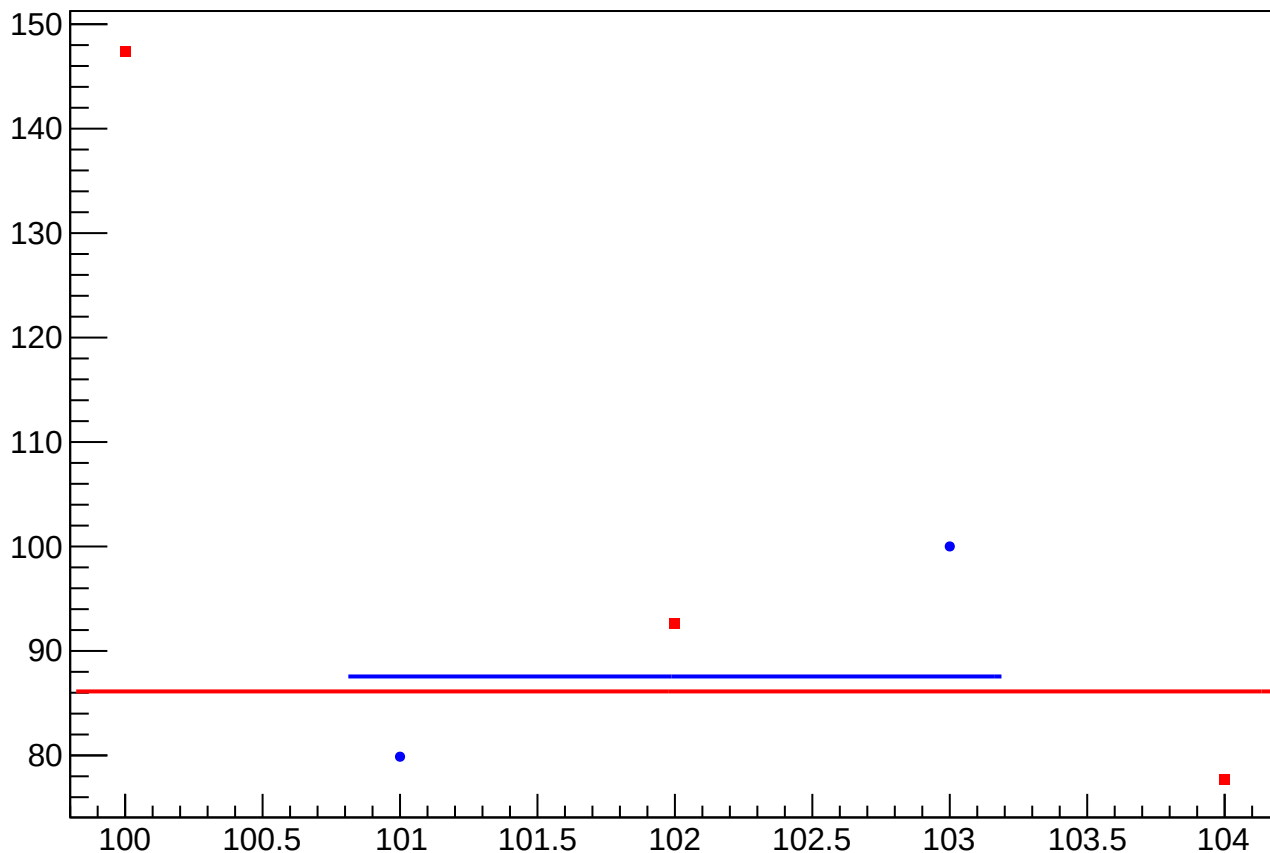
Right: -13.495+/-56.076 χ^2 /NDF: 5.9/4

In: 9.590+/-79.497 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -13.495+/-56.076 χ^2 /NDF: 5.9/4

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557 $\pm$ 0.056 χ^2 /NDF: 30257.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.126 $\pm$ 0.056 χ^2 /NDF: 43132.0/2

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

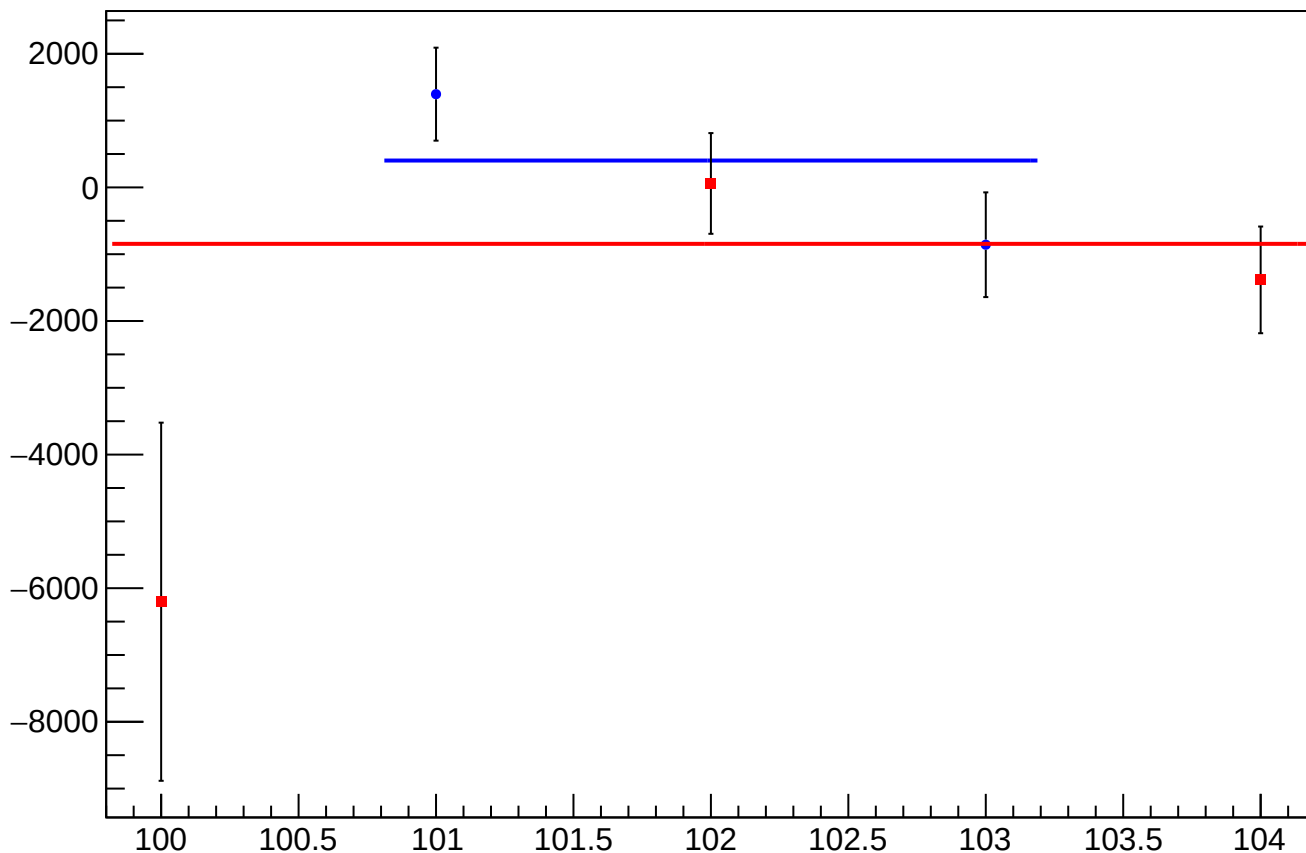
Right: 86.838 $\pm$ 0.040 χ^2 /NDF: 73715.1/4

In: 87.557 $\pm$ 0.056 χ^2 /NDF: 30257.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.838 $\pm$ 0.040 χ^2 /NDF: 73715.1/4

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: -845.024+/-537.082 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

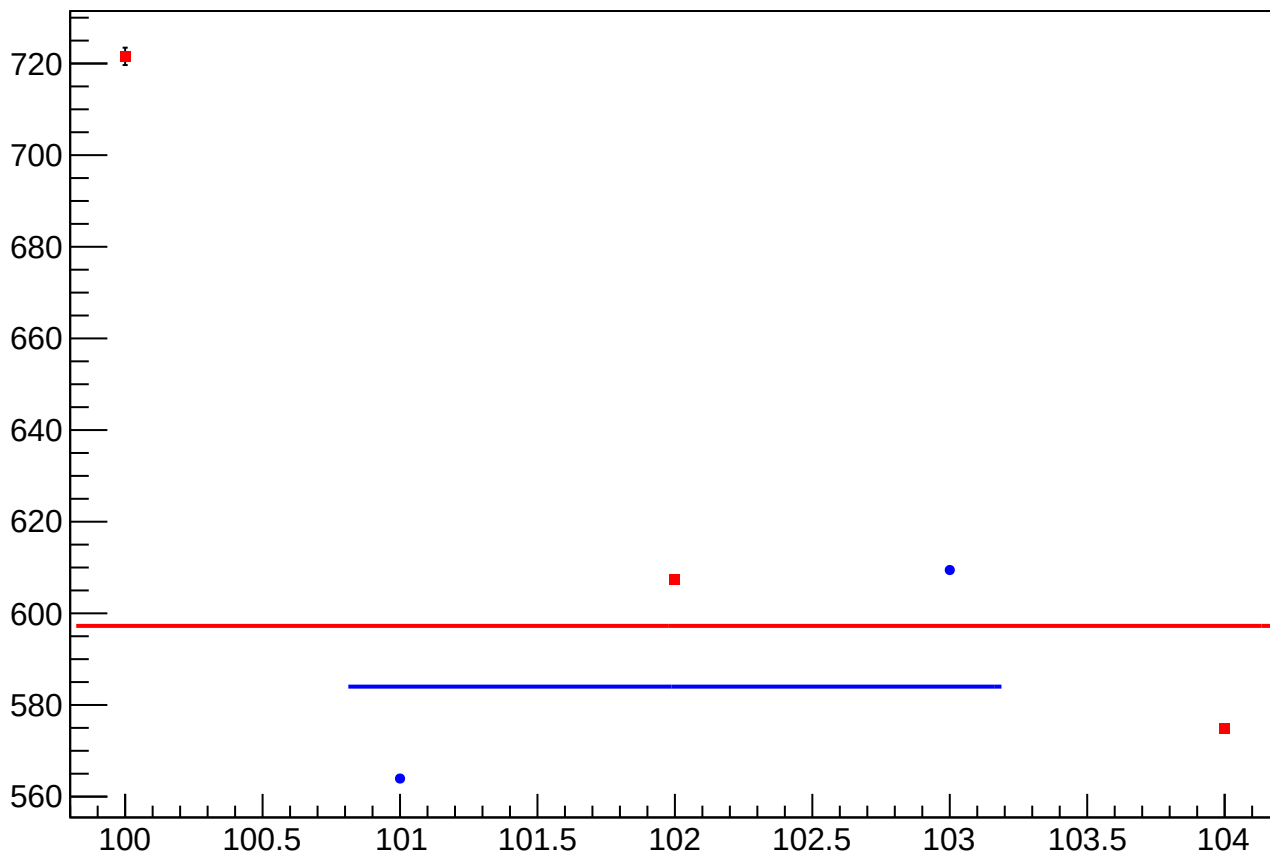
Right: -201.736+/-373.752 χ^2/NDF : 13.3/4

In: 402.306+/-520.441 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.736+/-373.752 χ^2/NDF : 13.3/4

asym_sam_15_48_dd_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: 597.261 ± 0.380 χ^2/NDF : 6242.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

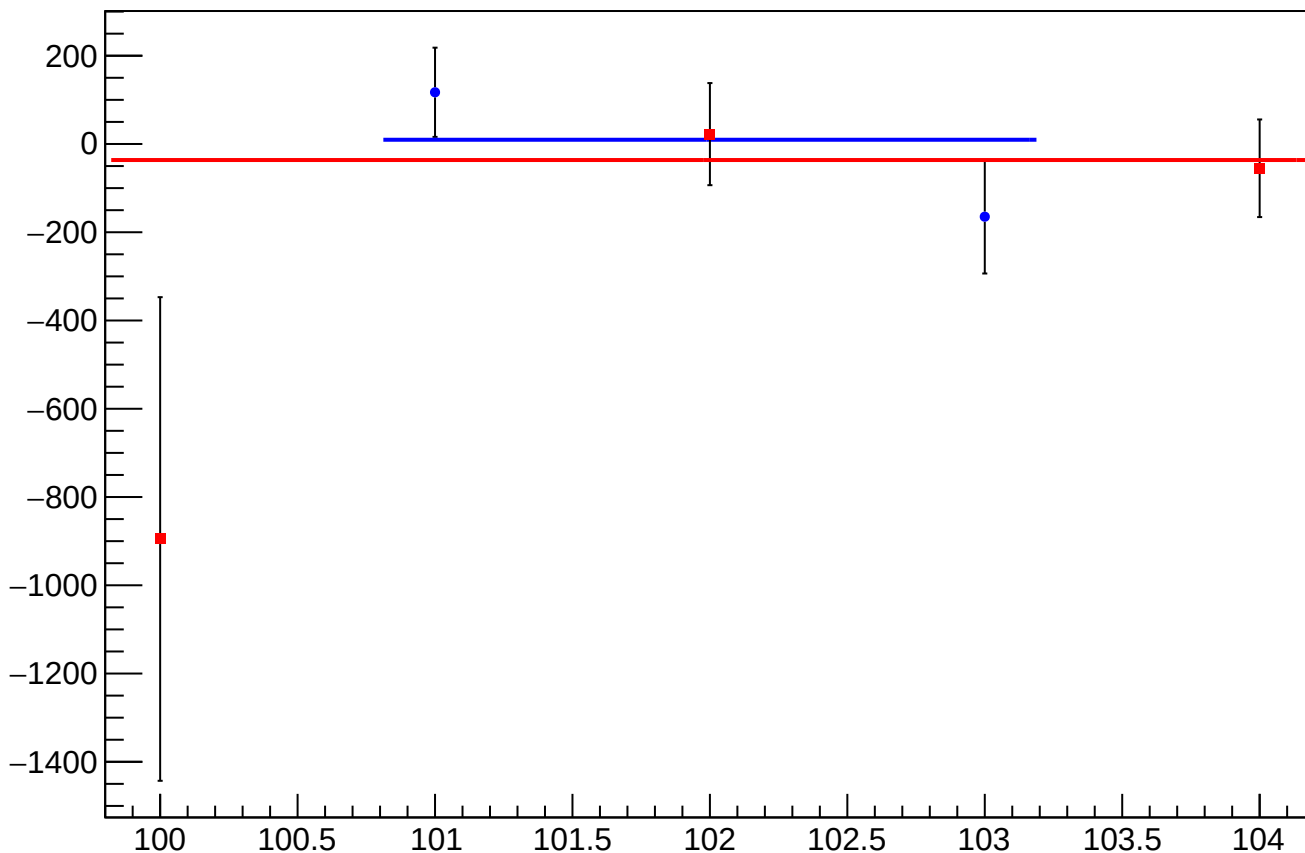
Right: 590.425 ± 0.264 χ^2/NDF : 10640.0/4

In: 584.006 ± 0.368 χ^2/NDF : 3769.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 590.425 ± 0.264 χ^2/NDF : 10640.0/4

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: -36.357+/-79.112 χ^2 /NDF: 2.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

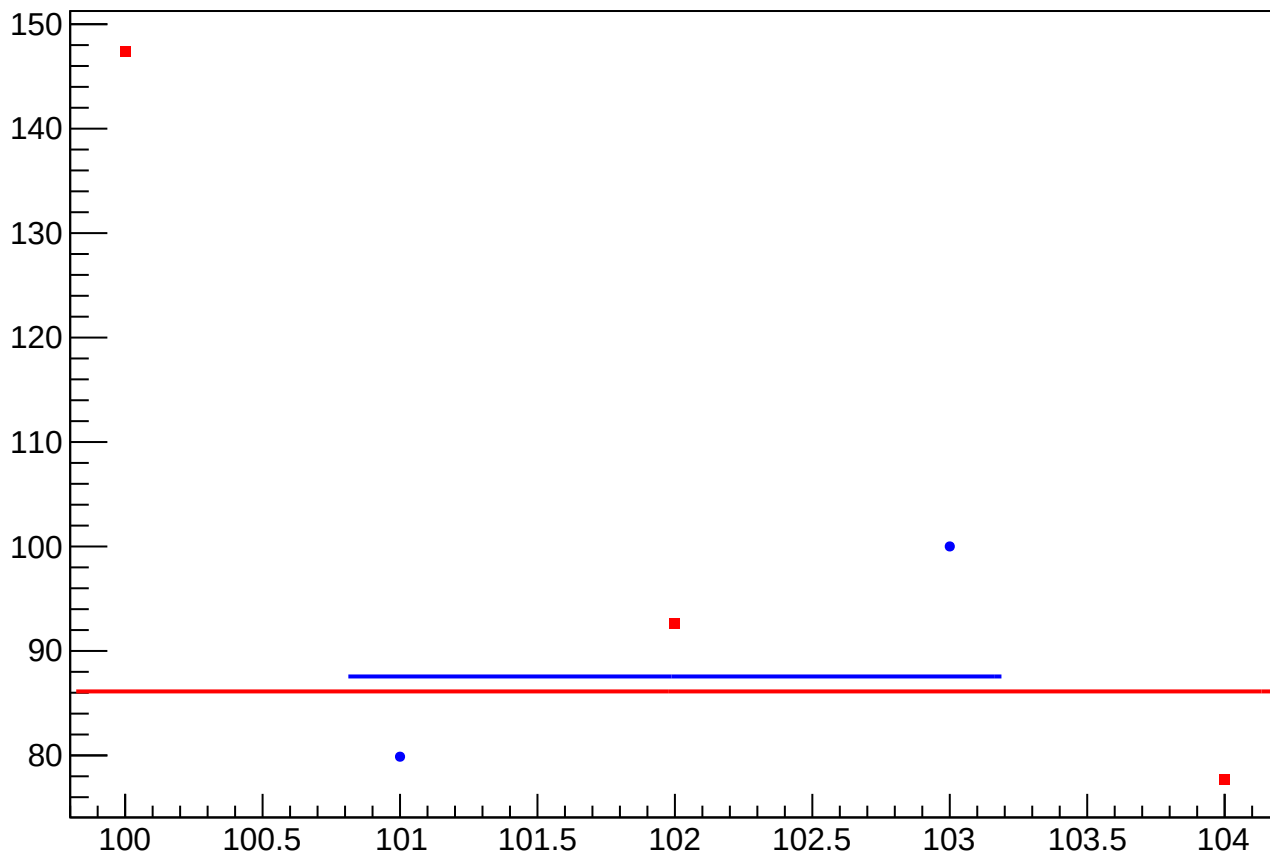
Right: -13.496+/-56.076 χ^2 /NDF: 5.9/4

In: 9.588+/-79.497 χ^2 /NDF:3.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -13.496+/-56.076 χ^2 /NDF: 5.9/4

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 87.557+/-0.056 χ^2/NDF : 30256.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.126+/-0.056 χ^2/NDF : 43132.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

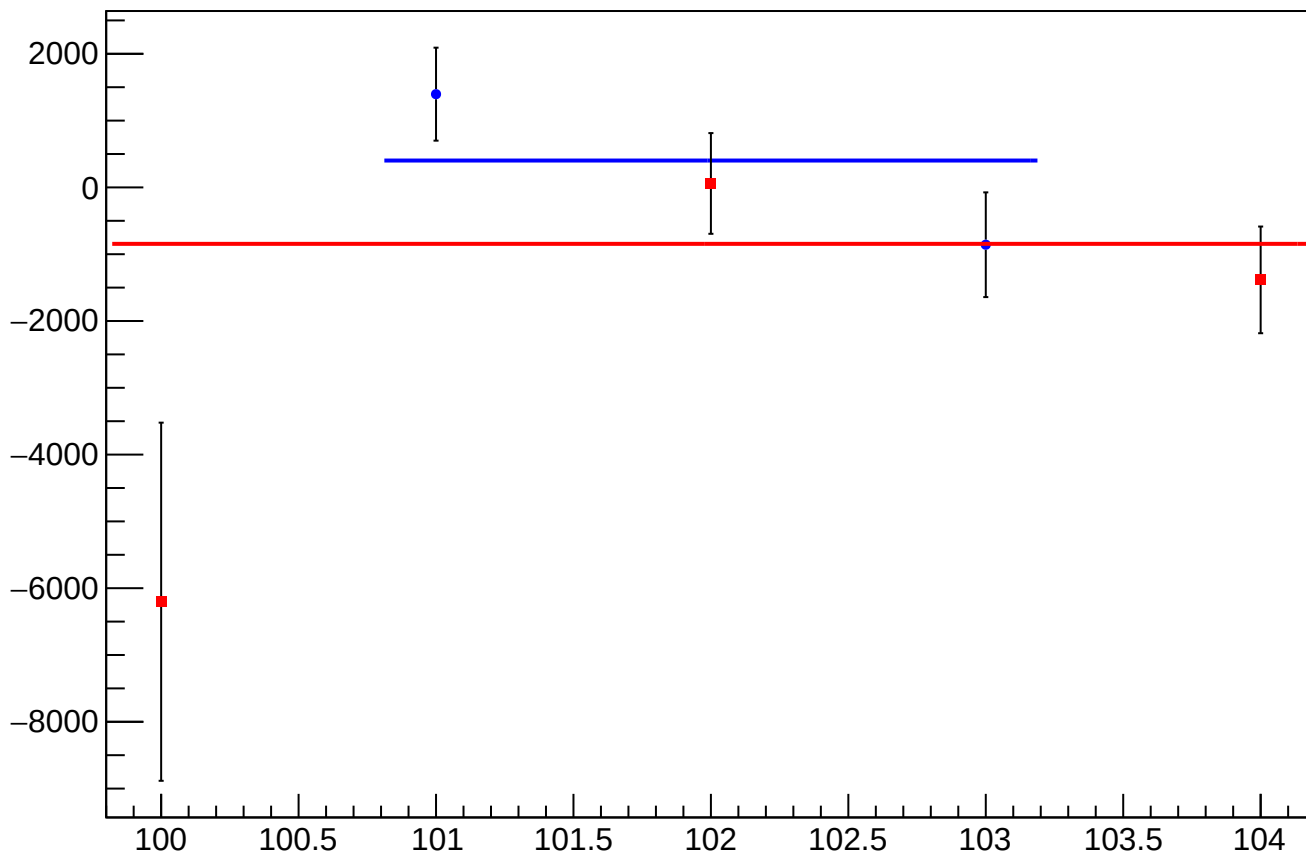
Right: 86.838+/-0.040 χ^2/NDF : 73714.7/4

In: 87.557+/-0.056 χ^2/NDF : 30256.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.838+/-0.040 χ^2/NDF : 73714.7/4

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 402.306+/-520.440 χ^2/NDF : 4.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -845.023+/-537.082 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

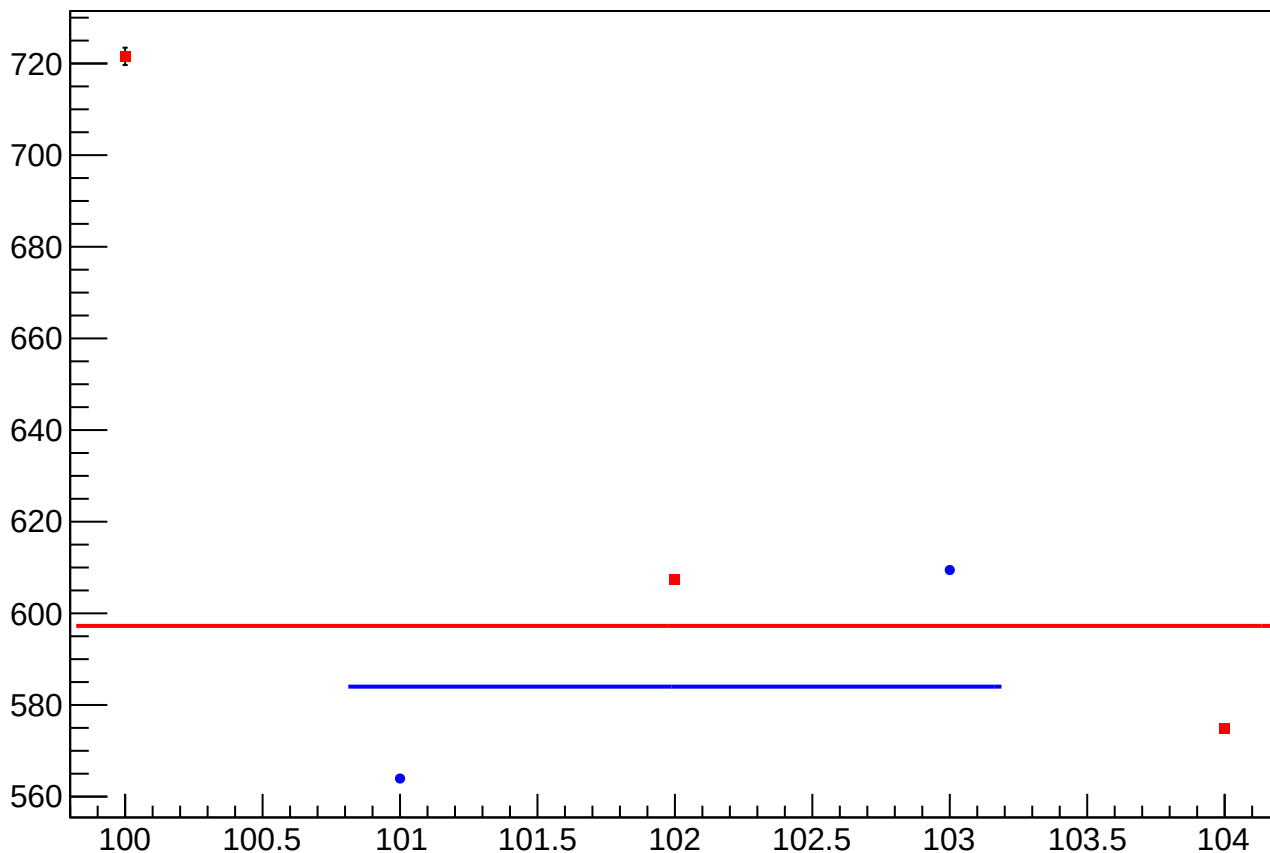
Right: -201.735+/-373.752 χ^2/NDF : 13.3/4

In: 402.306+/-520.440 χ^2/NDF : 4.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.735+/-373.752 χ^2/NDF : 13.3/4

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.006 $\pm$ 0.368 χ^2 /NDF: 3769.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 597.261 $\pm$ 0.380 χ^2 /NDF: 6242.2/2

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

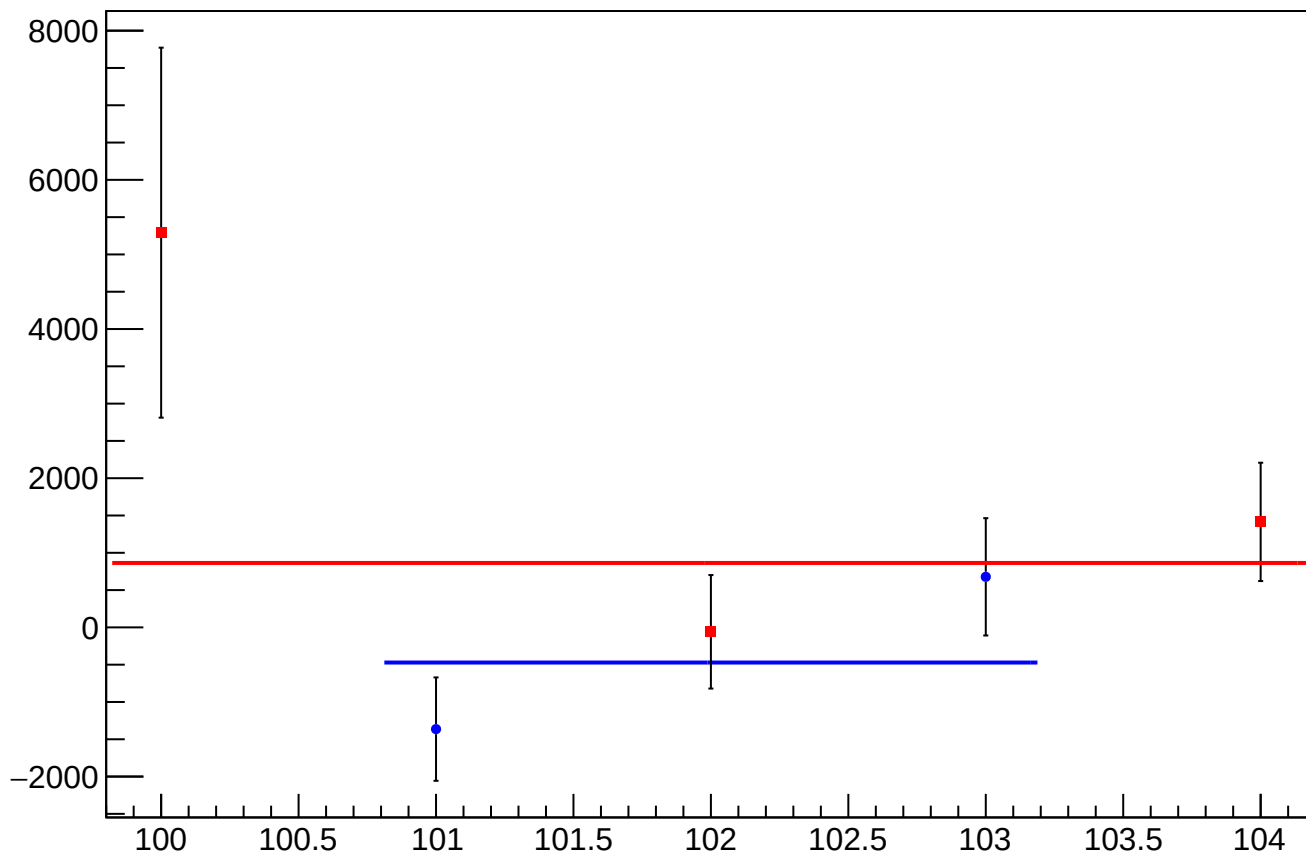
Right: 590.425 $\pm$ 0.264 χ^2 /NDF: 10640.1/4

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: 590.425 $\pm$ 0.264 χ^2 /NDF: 10640.1/4

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: 863.890+/-536.183 χ^2/NDF : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

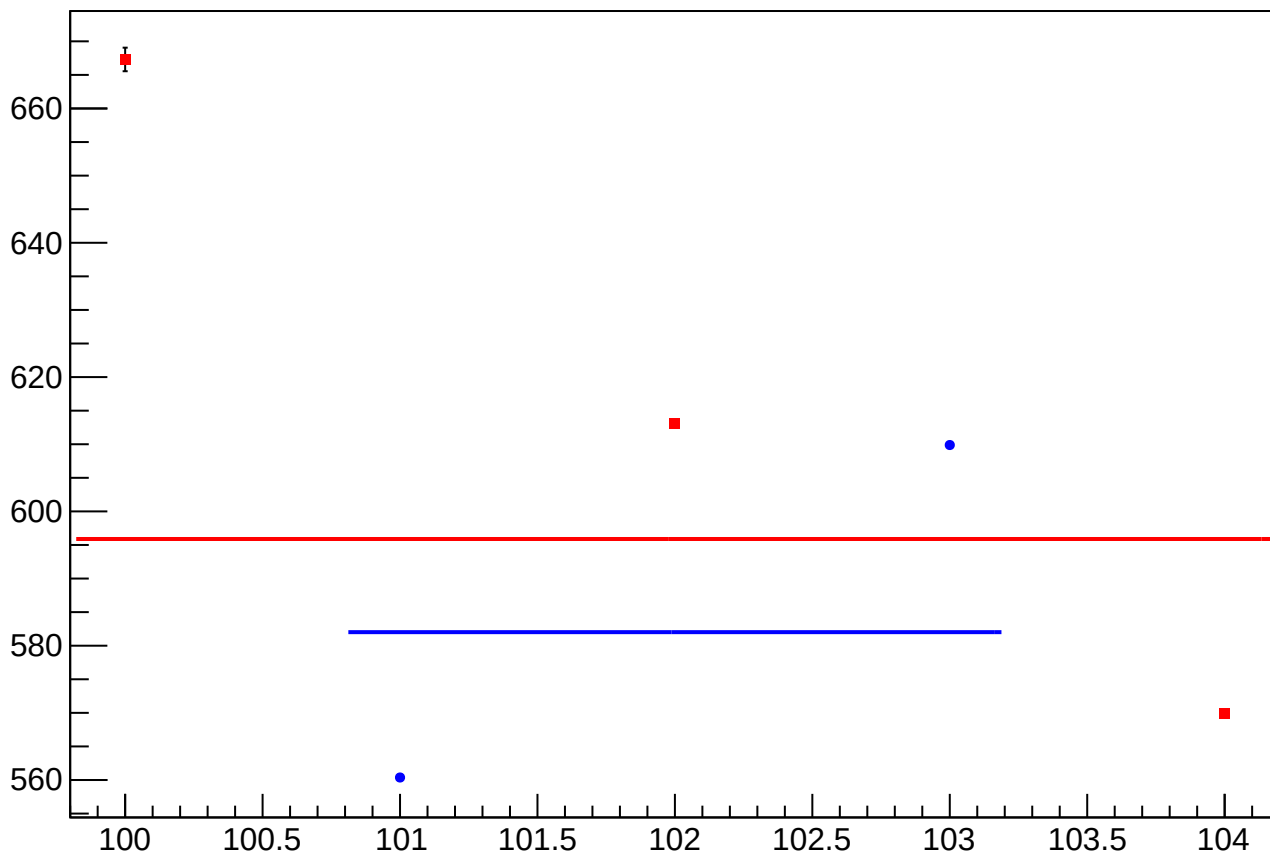
Right: 175.841+/-373.277 χ^2/NDF : 12.1/4

In: -471.247+/-519.978 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.841+/-373.277 χ^2/NDF : 12.1/4

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 582.018 ± 0.368 $\chi^2/\text{NDF}: 4461.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 595.890 ± 0.379 $\chi^2/\text{NDF}: 4820.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

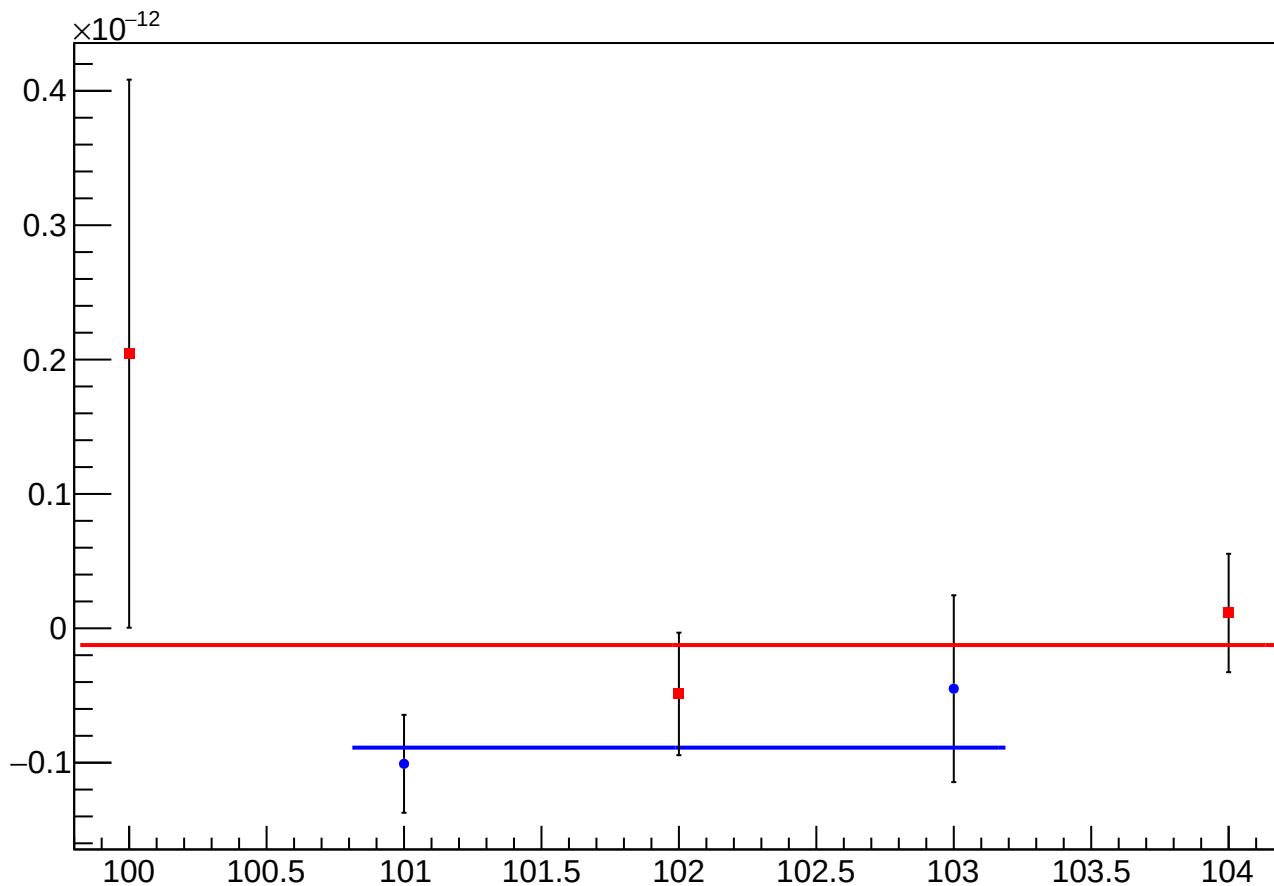
Right: 588.741 ± 0.264 $\chi^2/\text{NDF}: 9972.3/4$

In: 582.018 ± 0.368 $\chi^2/\text{NDF}: 4461.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 588.741 ± 0.264 $\chi^2/\text{NDF}: 9972.3/4$

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 : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

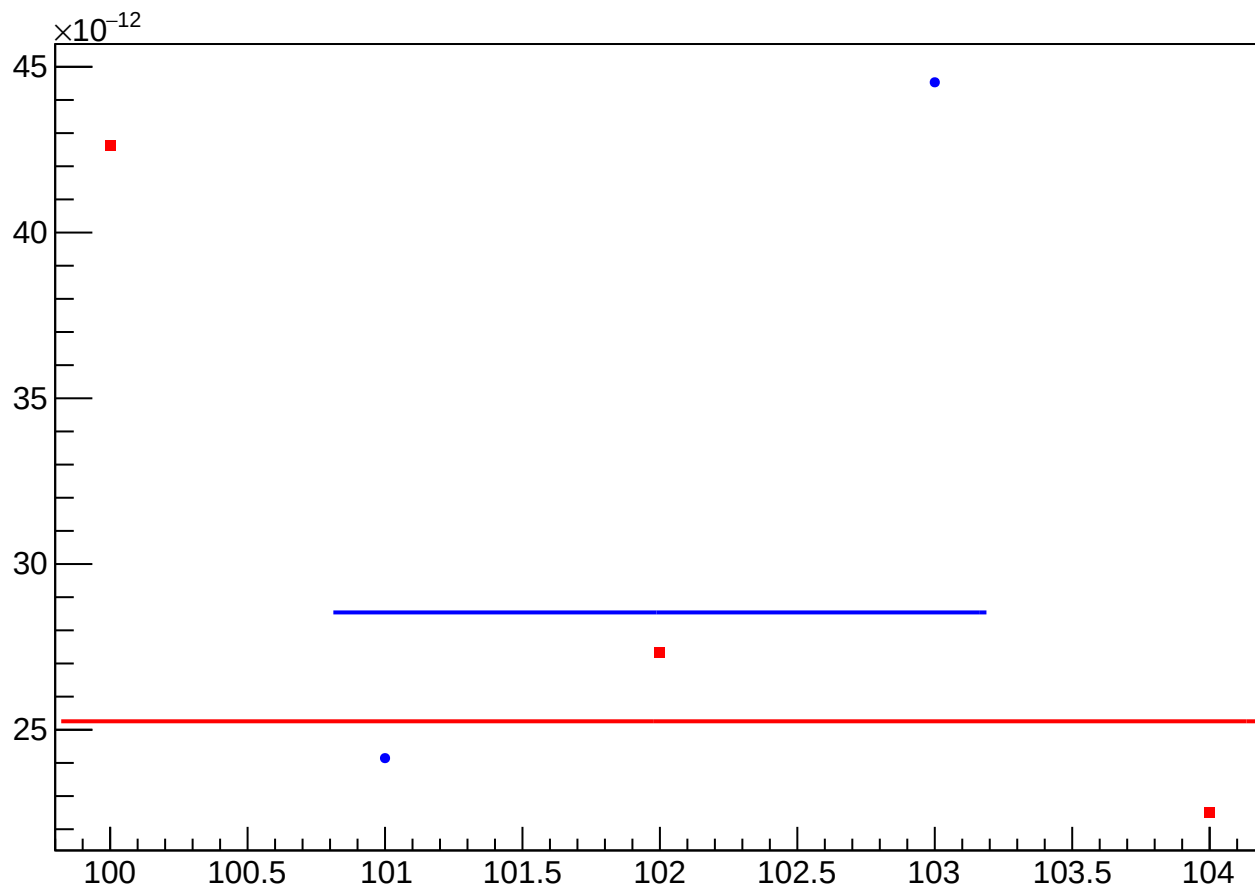
Right: -0.000+/-0.000 χ^2/NDF : 5.4/4

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 : 5.4/4

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 : 26526.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

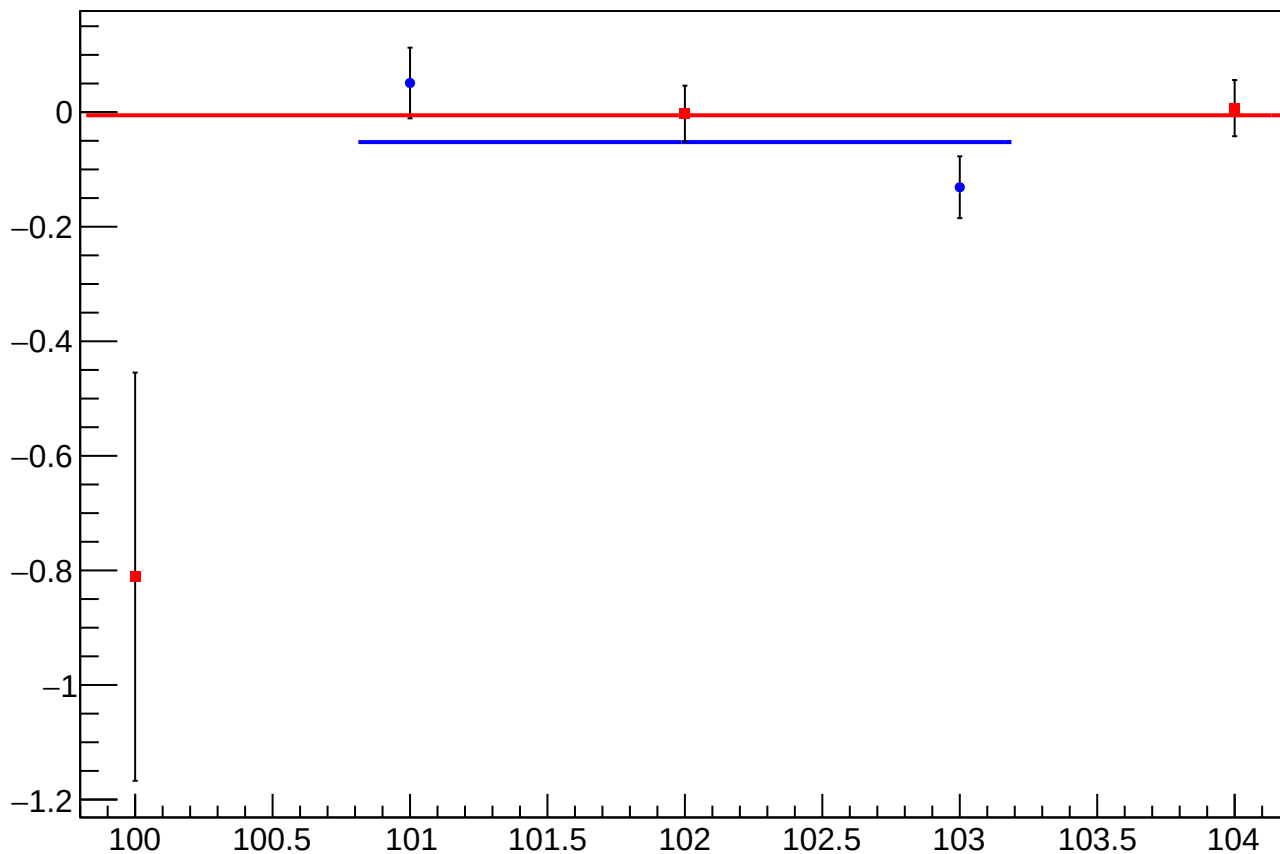
Right: 0.000+/-0.000 χ^2/NDF : 172114.8/4

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 : 172114.8/4

asym_sam_15_48_dd_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: -0.005 $\pm$ 0.034 χ^2 /NDF: 5.2/2

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

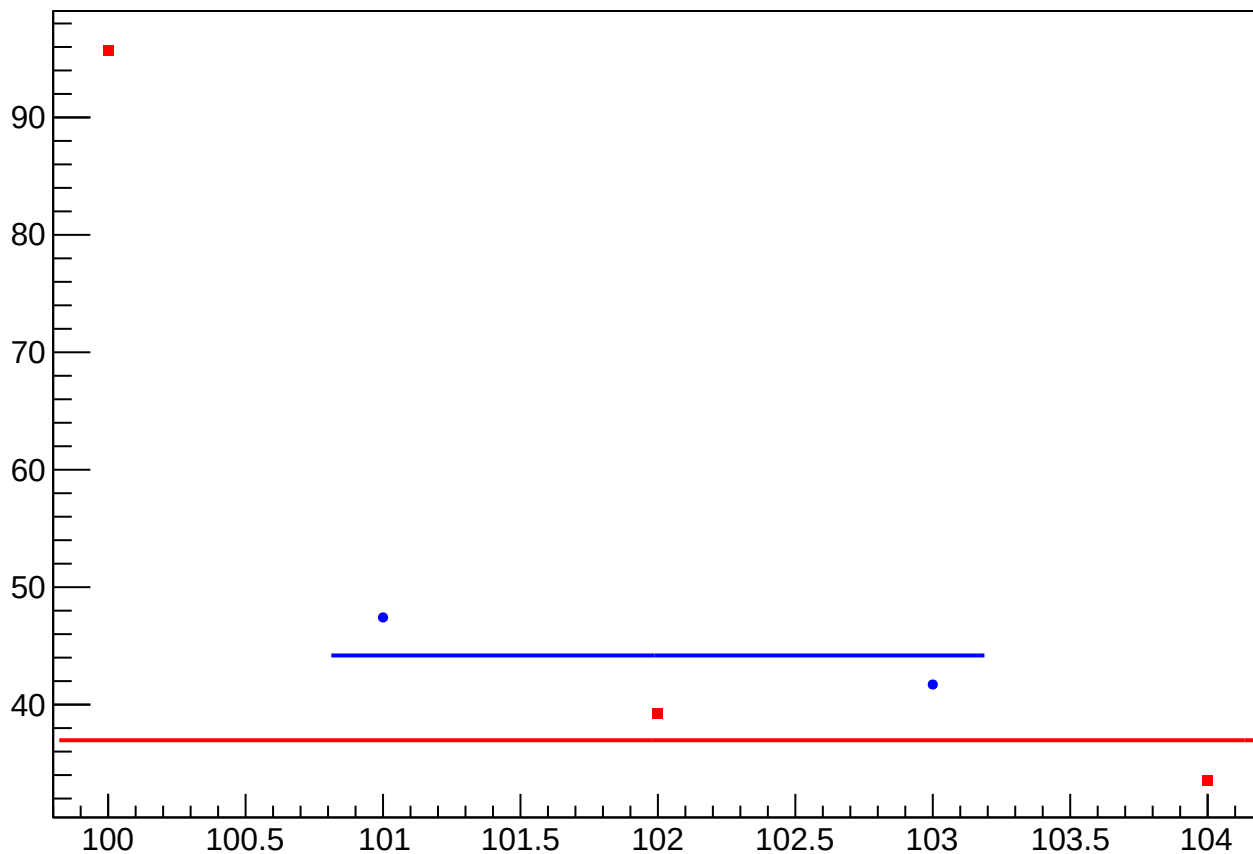
Right: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

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: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.965+/-0.024 χ^2/NDF : 68407.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

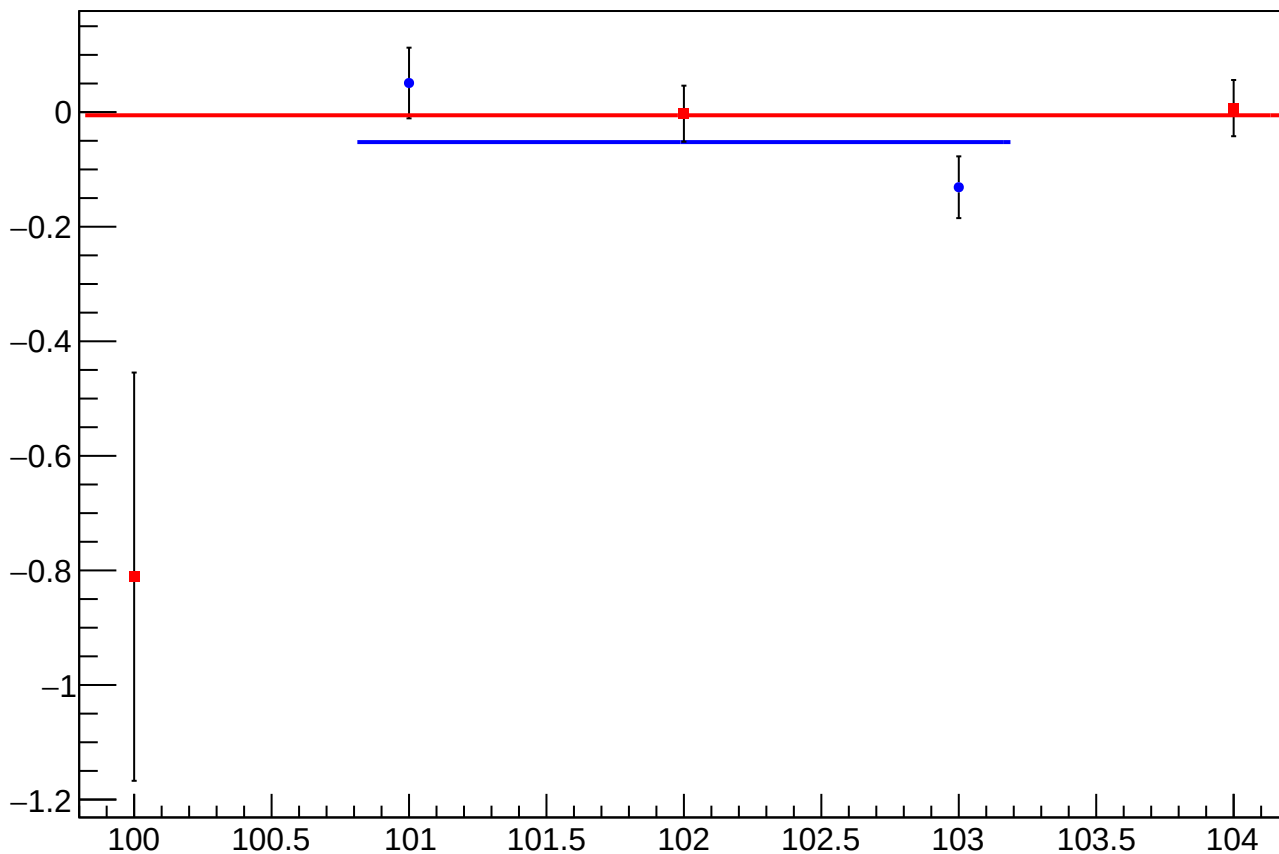
Right: 39.992+/-0.019 χ^2/NDF : 114874.6/4

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.992+/-0.019 χ^2/NDF : 114874.6/4

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: -0.005 $\pm$ 0.034 χ^2 /NDF: 5.2/2

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

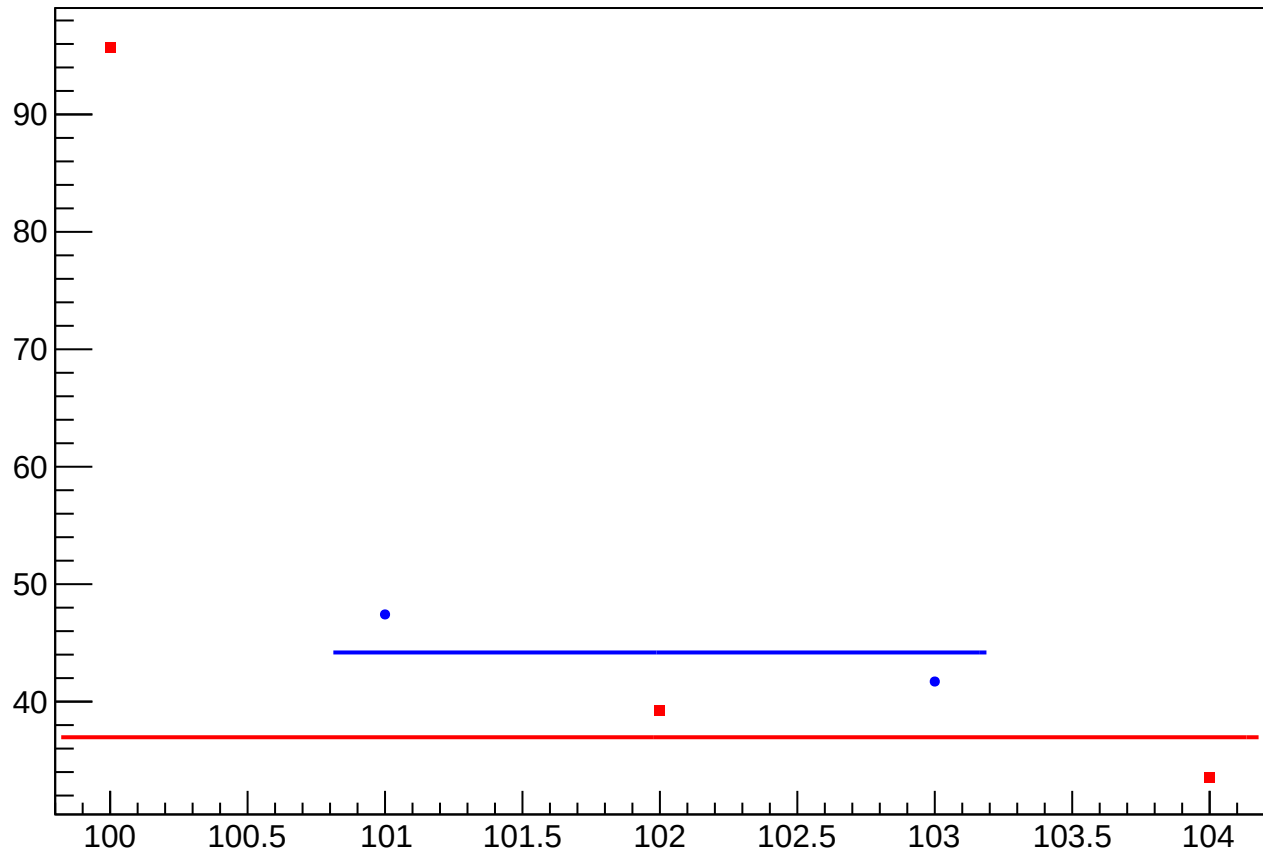
Right: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

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: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.965+/-0.024 χ^2/NDF : 68407.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

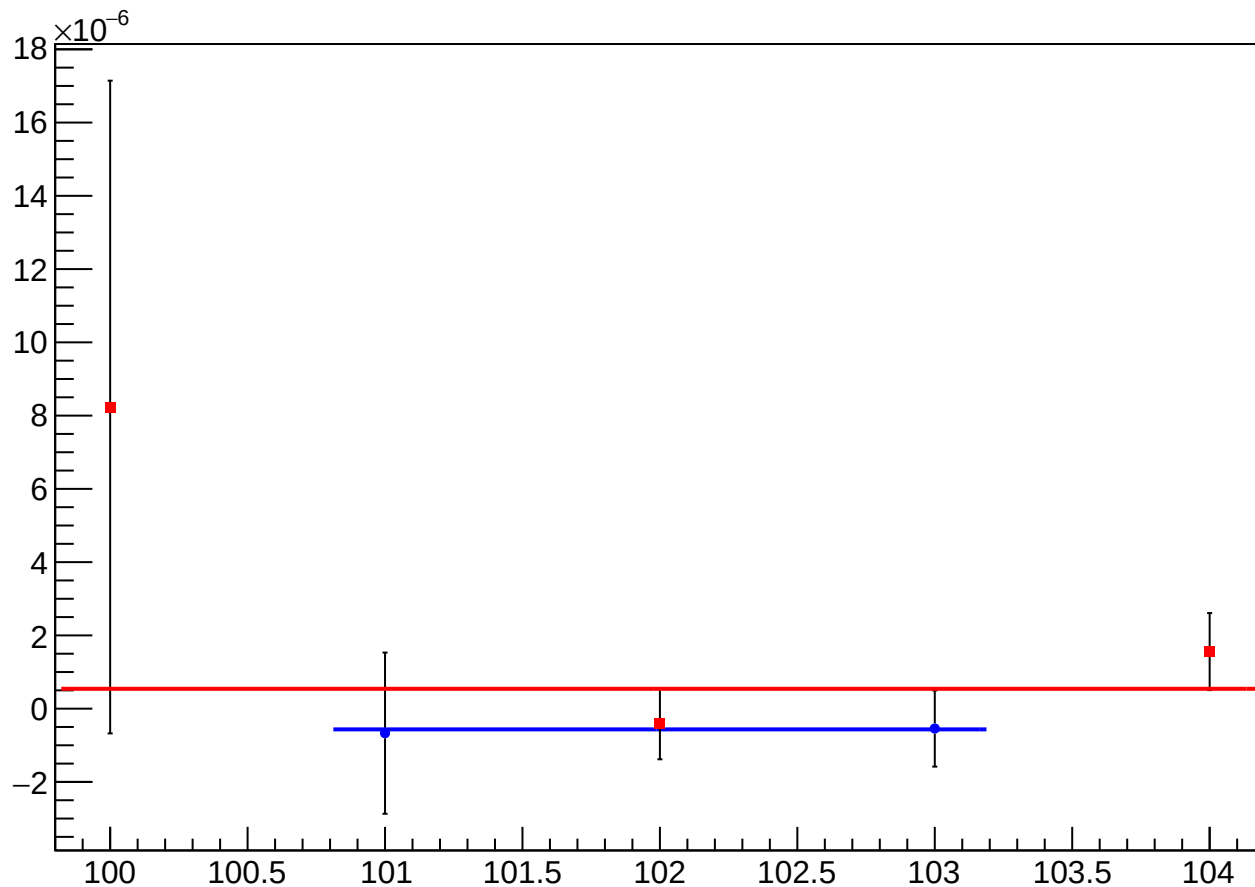
Right: 39.992+/-0.019 χ^2/NDF : 114874.6/4

In: 44.184+/-0.029 χ^2/NDF : 9727.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.992+/-0.019 χ^2/NDF : 114874.6/4

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

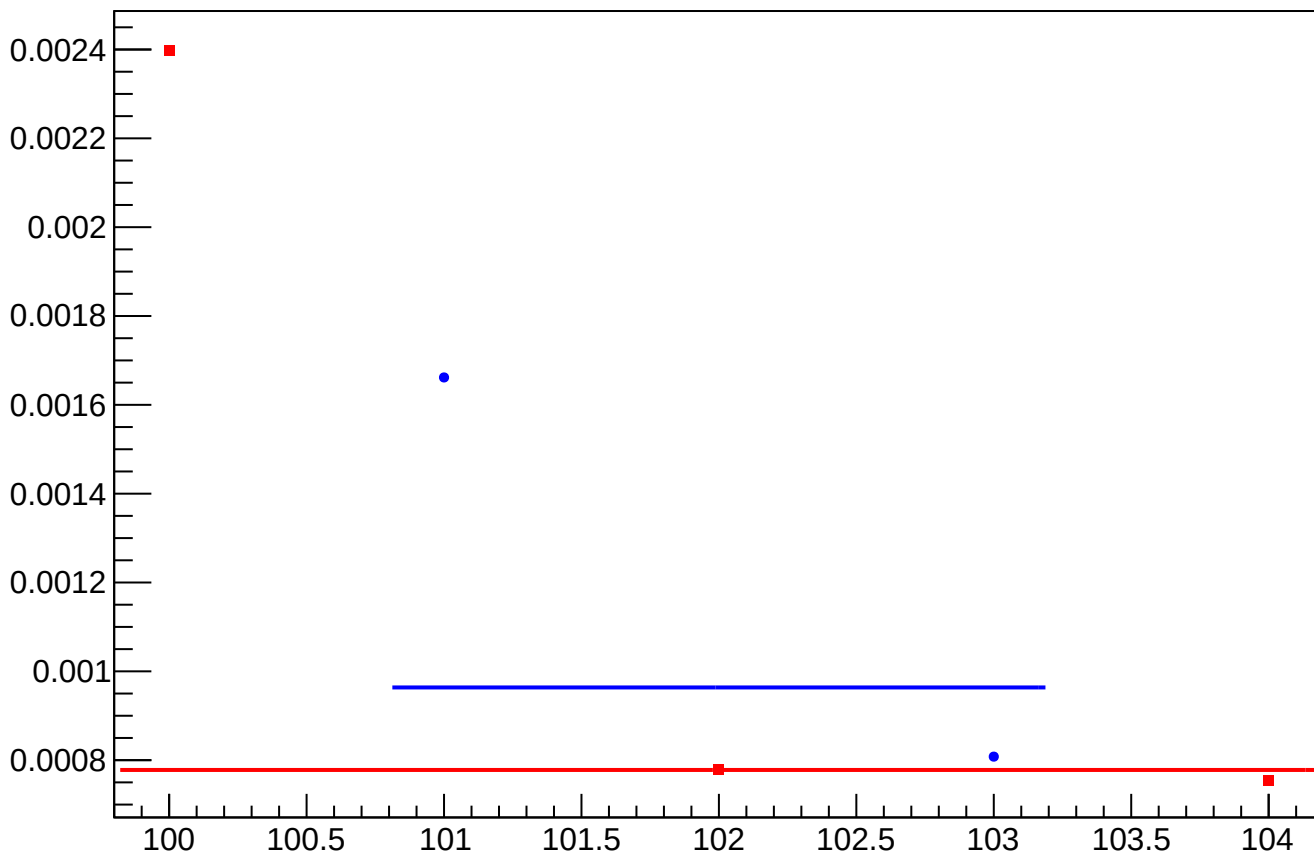
Right: 0.000+/-0.000 χ^2/NDF : 3.5/4

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 : 3.5/4

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 : 67126.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

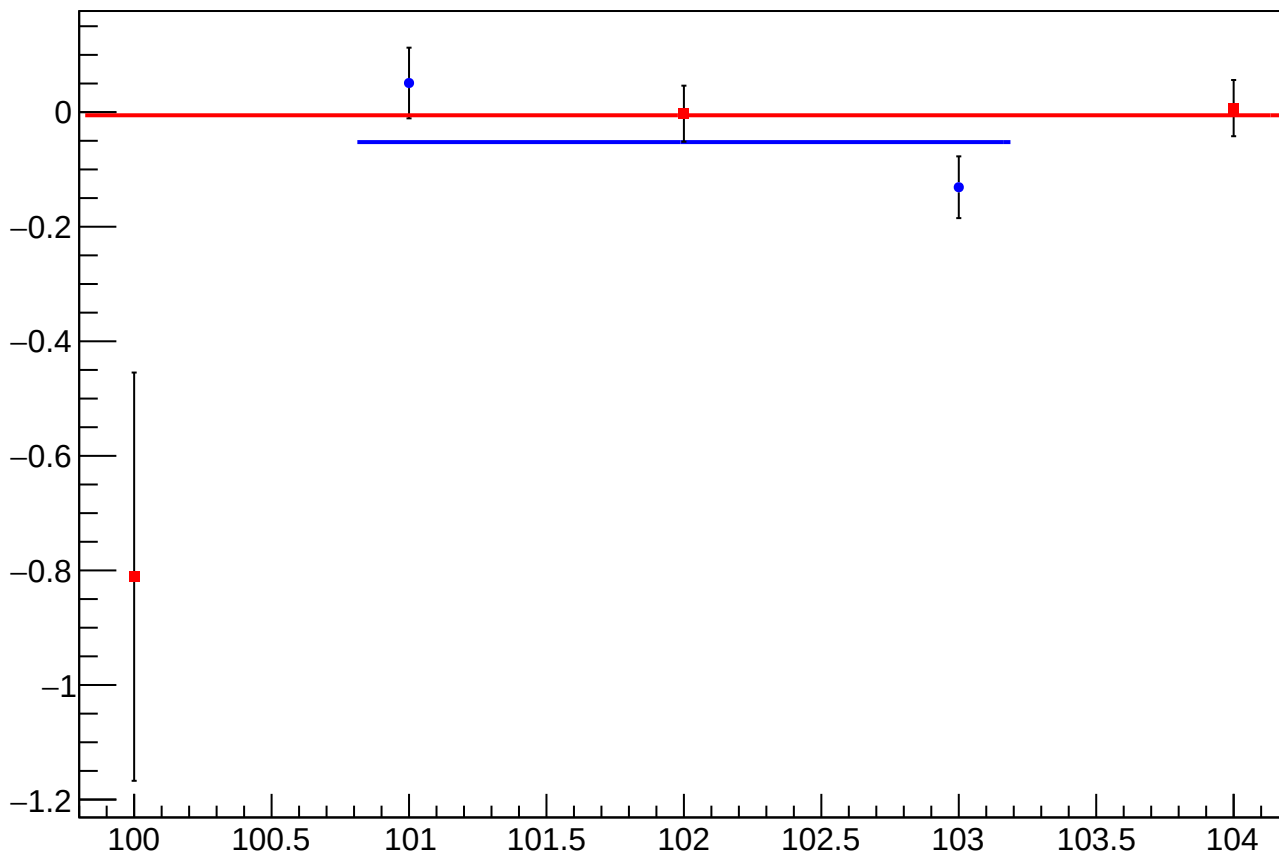
Right: 0.001+/-0.000 χ^2/NDF : 362908.4/4

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 : 362908.4/4

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: -0.005 $\pm$ 0.034 χ^2 /NDF: 5.2/2

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

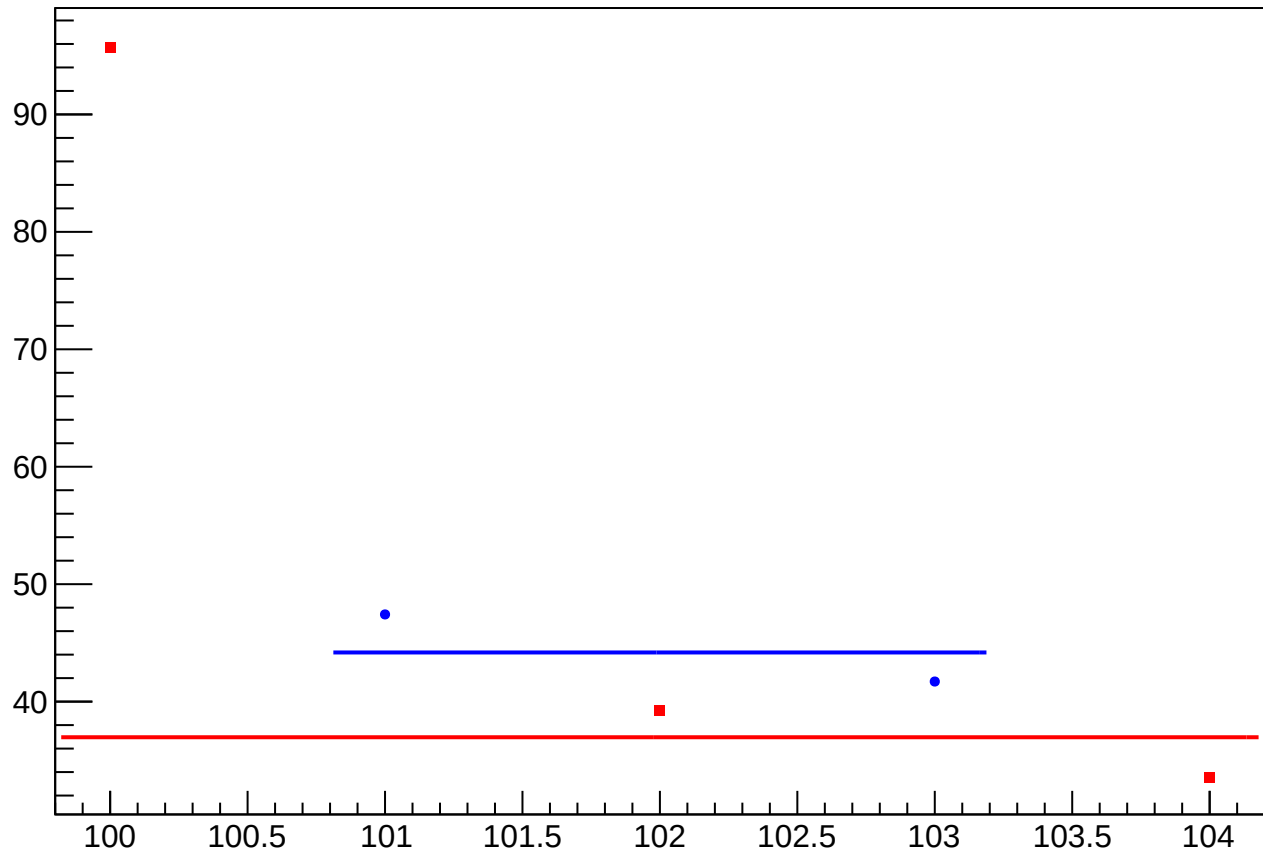
Right: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

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: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

asym_sam_15_48_dd_eigen_dit_vs_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: 36.965 $\pm$ 0.024 χ^2 /NDF: 68407.5/2

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

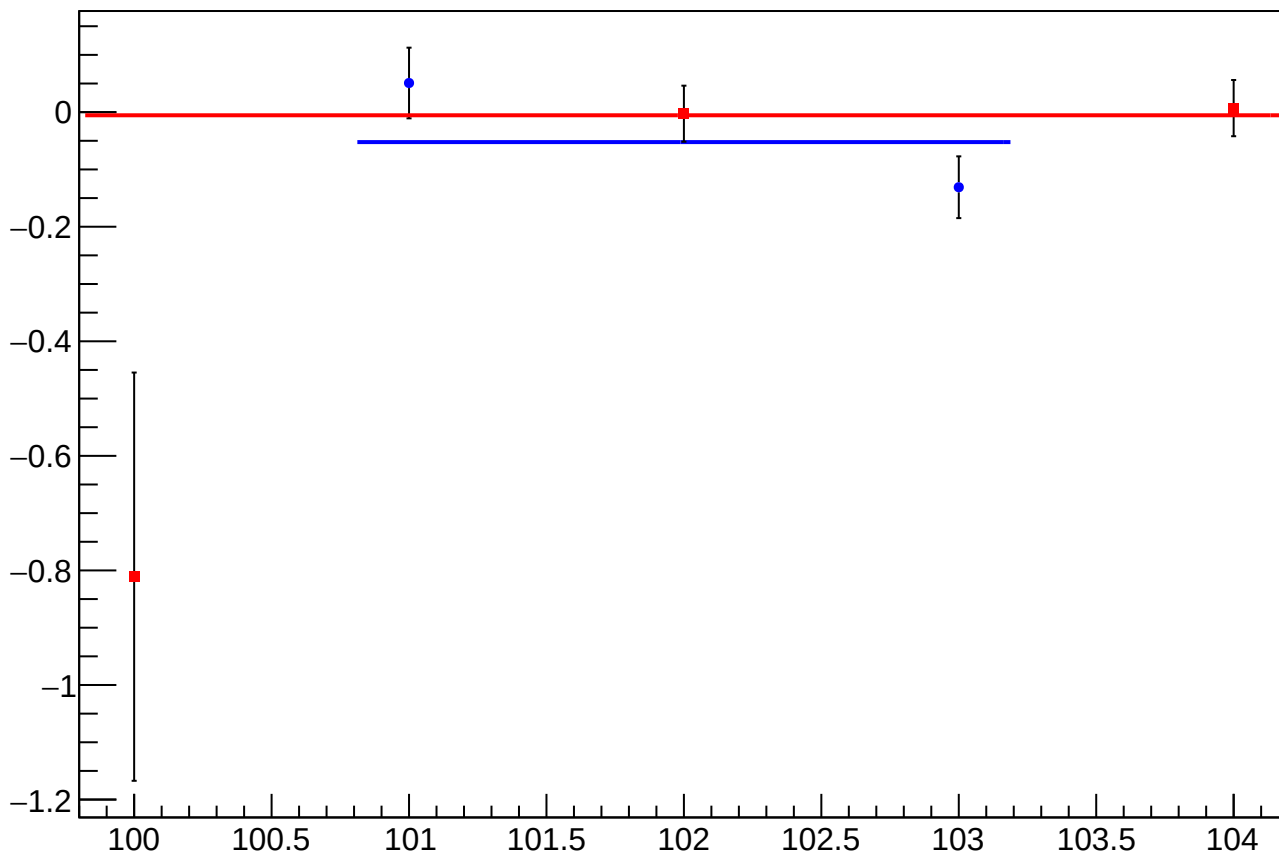
Right: 39.992 $\pm$ 0.019 χ^2 /NDF: 114875.6/4

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: 39.992 $\pm$ 0.019 χ^2 /NDF: 114875.6/4

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.052 $\pm$ 0.041 χ^2 /NDF: 4.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.034 χ^2 /NDF: 5.2/2

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

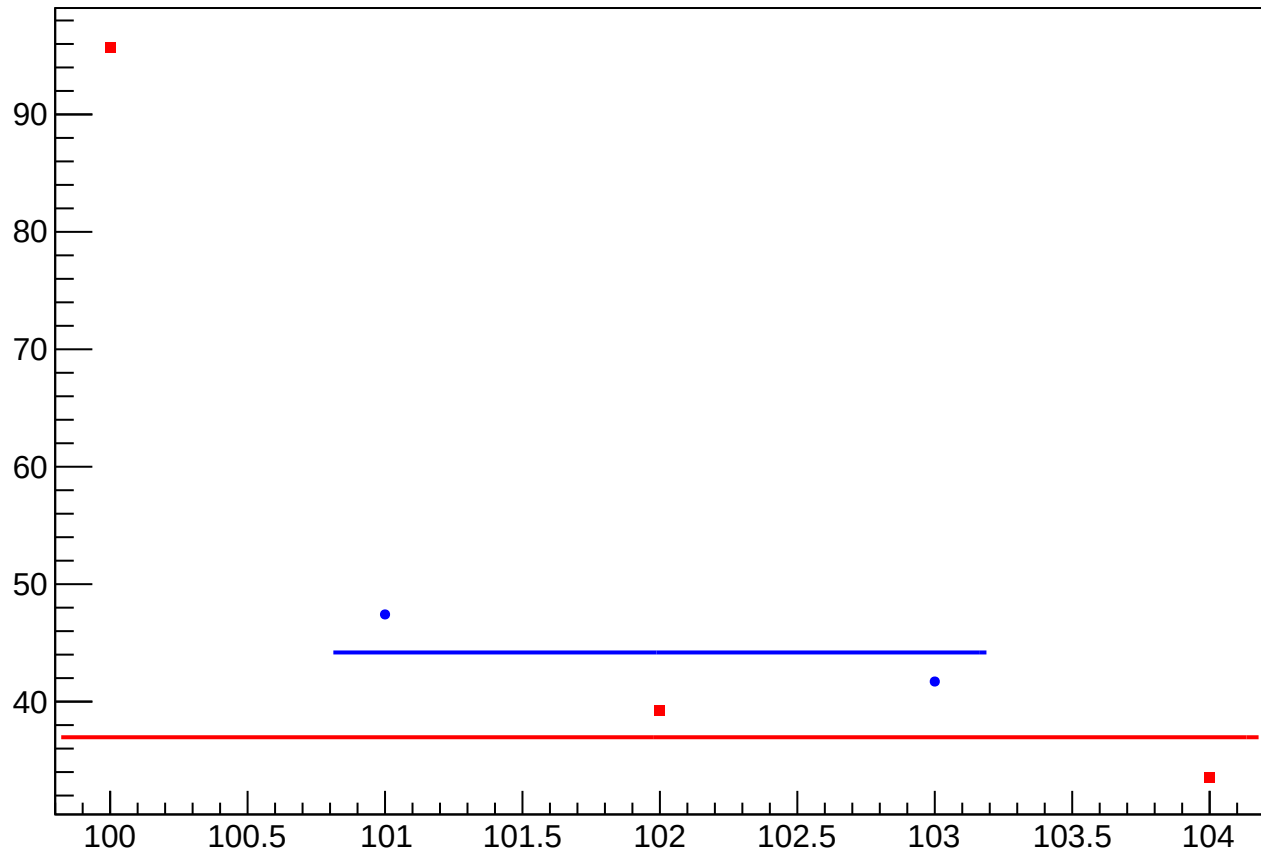
Right: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

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: -0.025 $\pm$ 0.026 χ^2 /NDF: 10.9/4

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.184+/-0.029 χ^2/NDF : 9727.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.965+/-0.024 χ^2/NDF : 68407.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

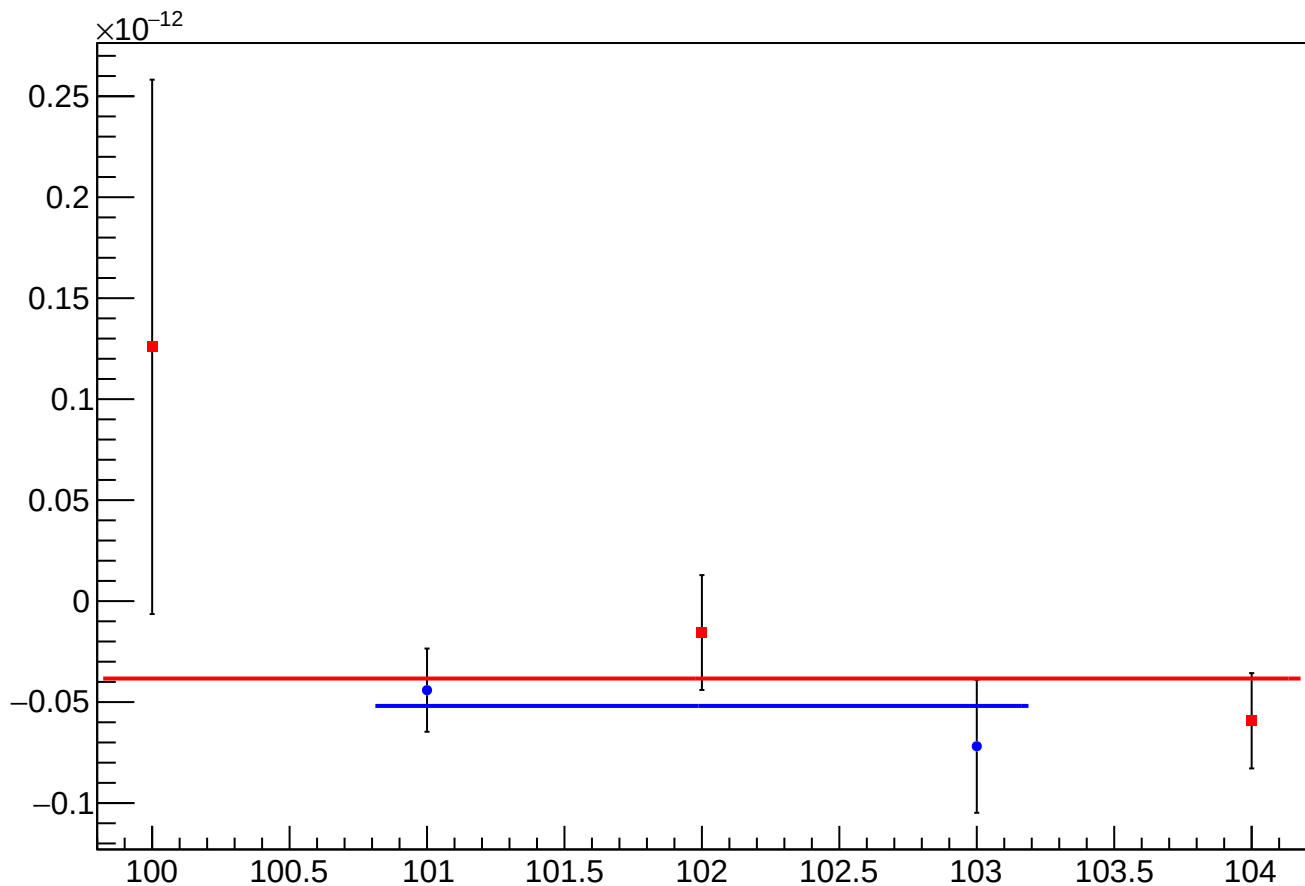
Right: 39.992+/-0.019 χ^2/NDF : 114875.6/4

In: 44.184+/-0.029 χ^2/NDF : 9727.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.992+/-0.019 χ^2/NDF : 114875.6/4

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 : 3.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

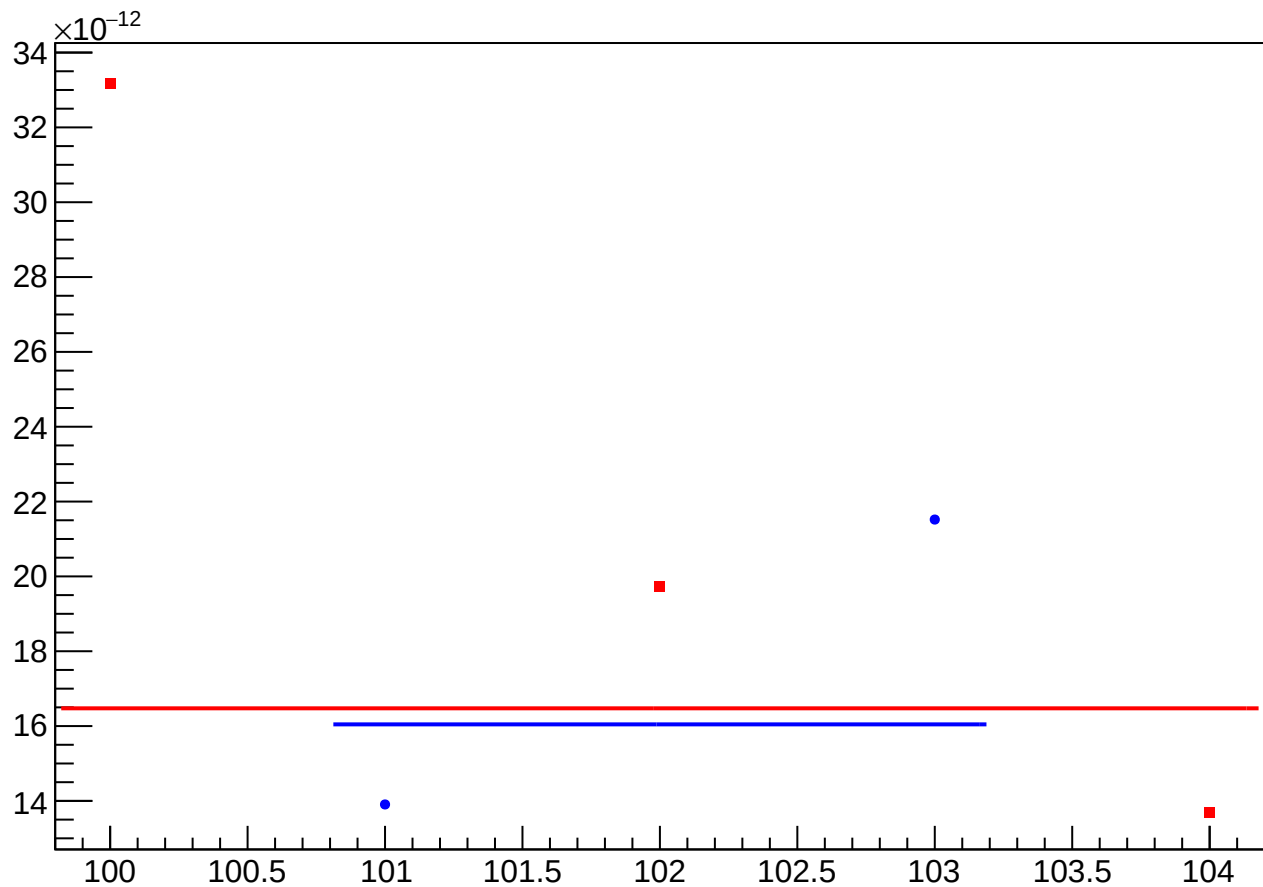
Right: -0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 3.8/4

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 : 85779.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

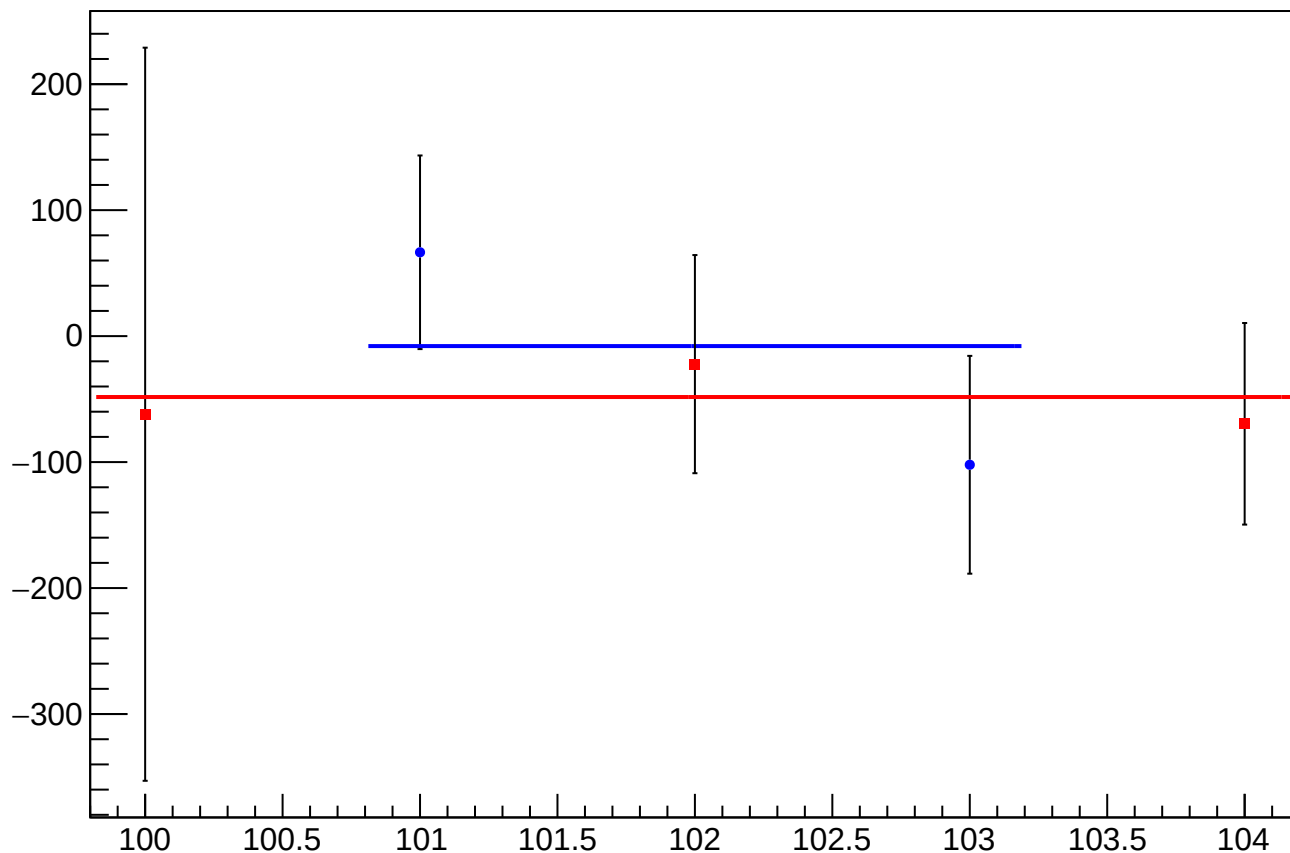
Right: 0.000+/-0.000 χ^2/NDF : 163158.6/4

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 : 163158.6/4

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: -48.347+/-57.600 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

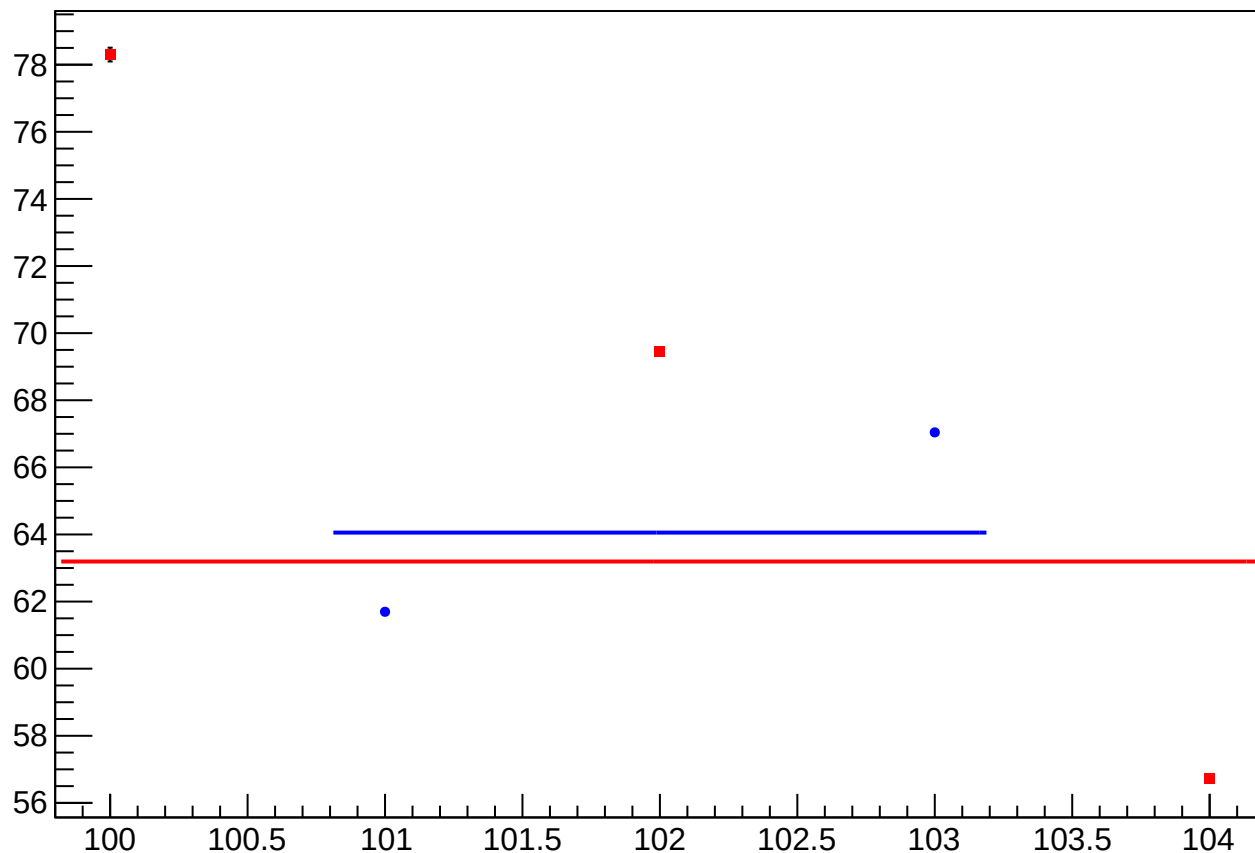
Right: -28.070+/-40.670 χ^2/NDF : 2.5/4

In: -7.910+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.070+/-40.670 χ^2/NDF : 2.5/4

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: 63.194+/-0.041 χ^2/NDF : 28927.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

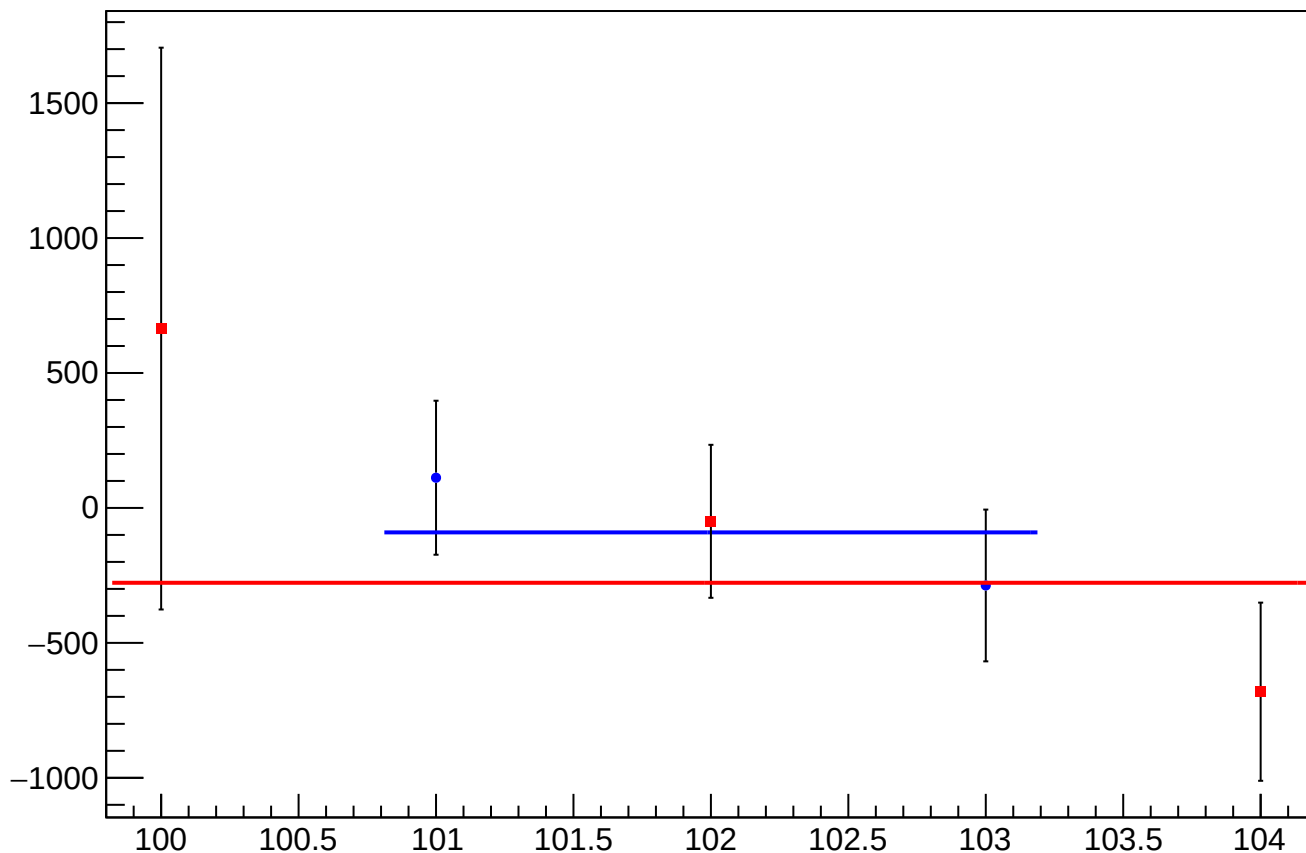
Right: 63.626+/-0.029 χ^2/NDF : 33426.7/4

In: 64.056+/-0.041 χ^2/NDF : 4274.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.626+/-0.029 χ^2/NDF : 33426.7/4

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: -277.316 ± 210.581 $\chi^2/\text{NDF}: 3.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

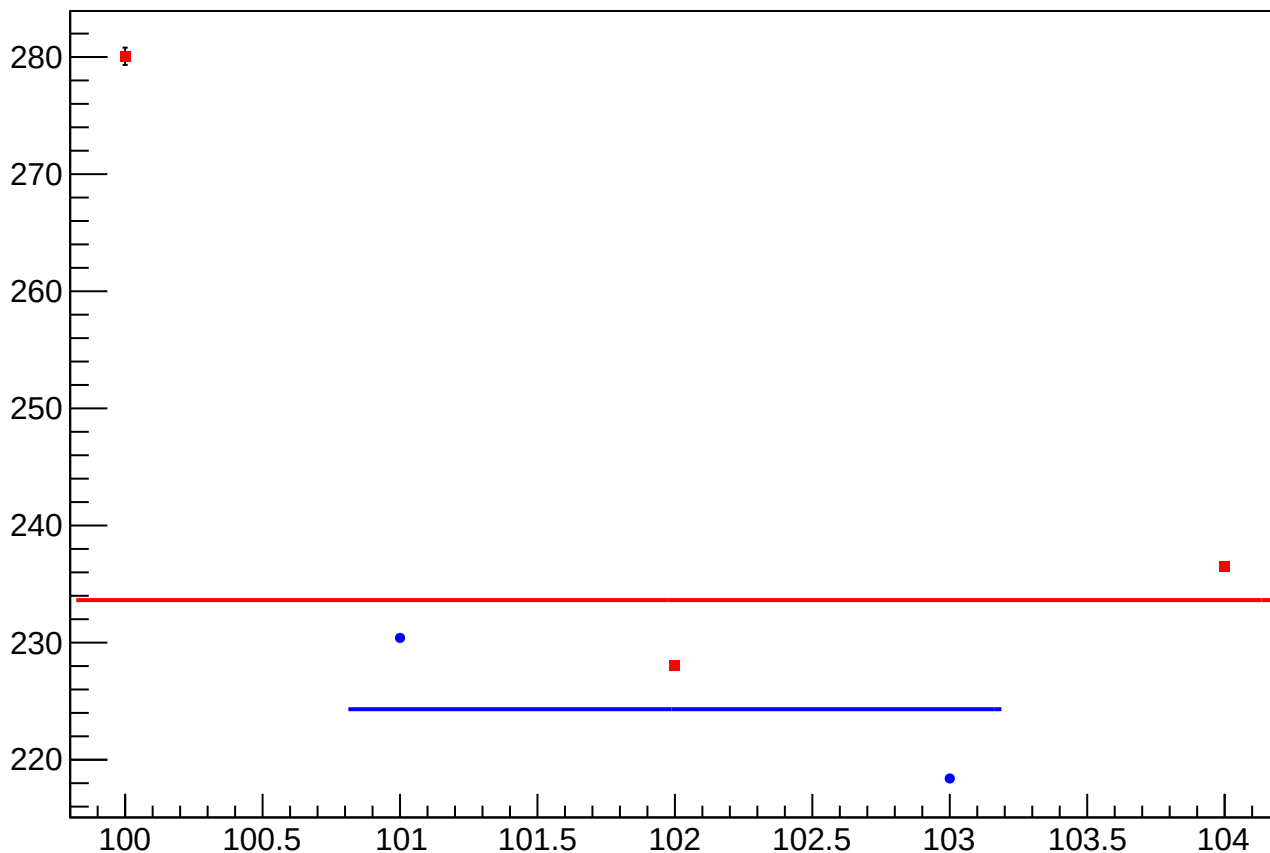
Right: -179.276 ± 145.118 $\chi^2/\text{NDF}: 4.4/4$

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: -179.276 ± 145.118 $\chi^2/\text{NDF}: 4.4/4$

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: 233.630+/-0.149 χ^2/NDF : 4910.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

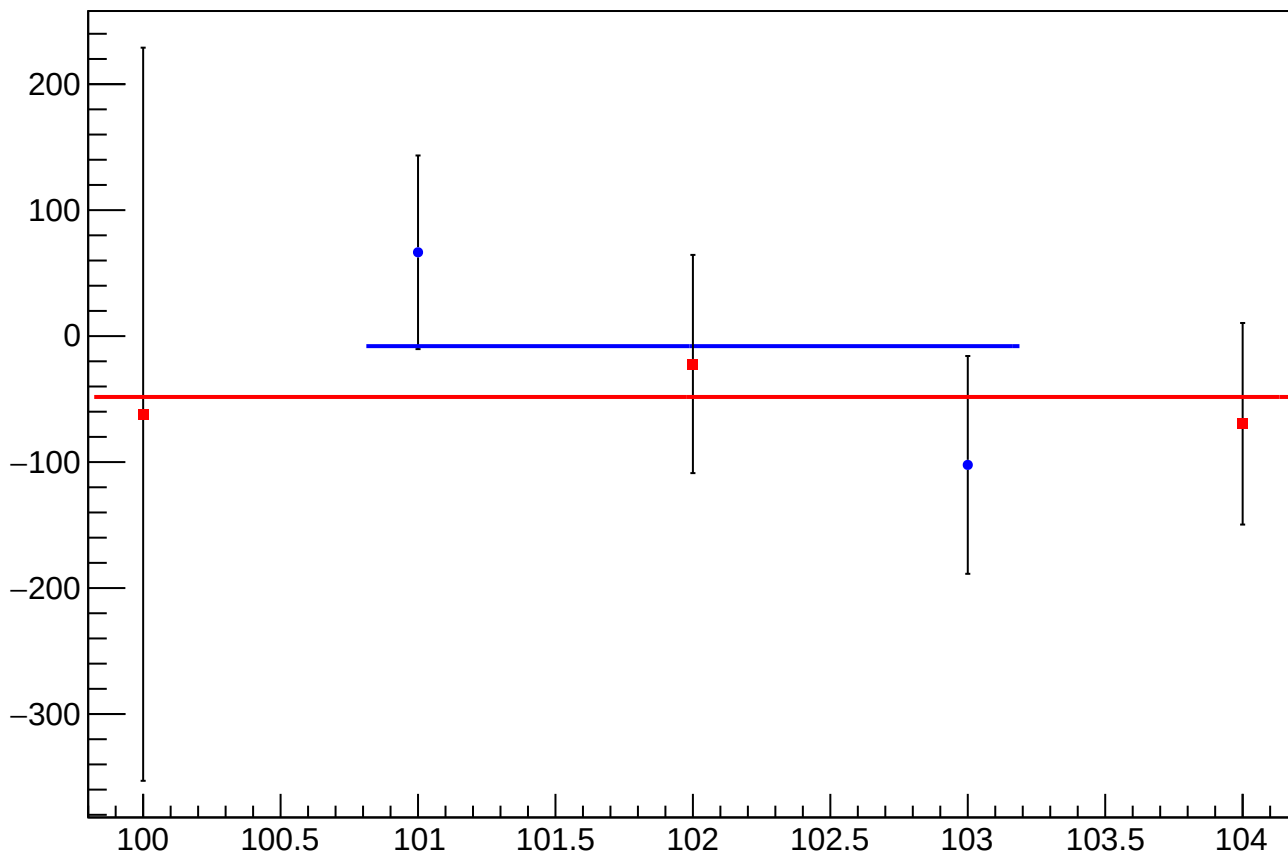
Right: 228.739+/-0.103 χ^2/NDF : 8760.2/4

In: 224.315+/-0.142 χ^2/NDF : 1795.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.739+/-0.103 χ^2/NDF : 8760.2/4

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: -48.302+/-57.606 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

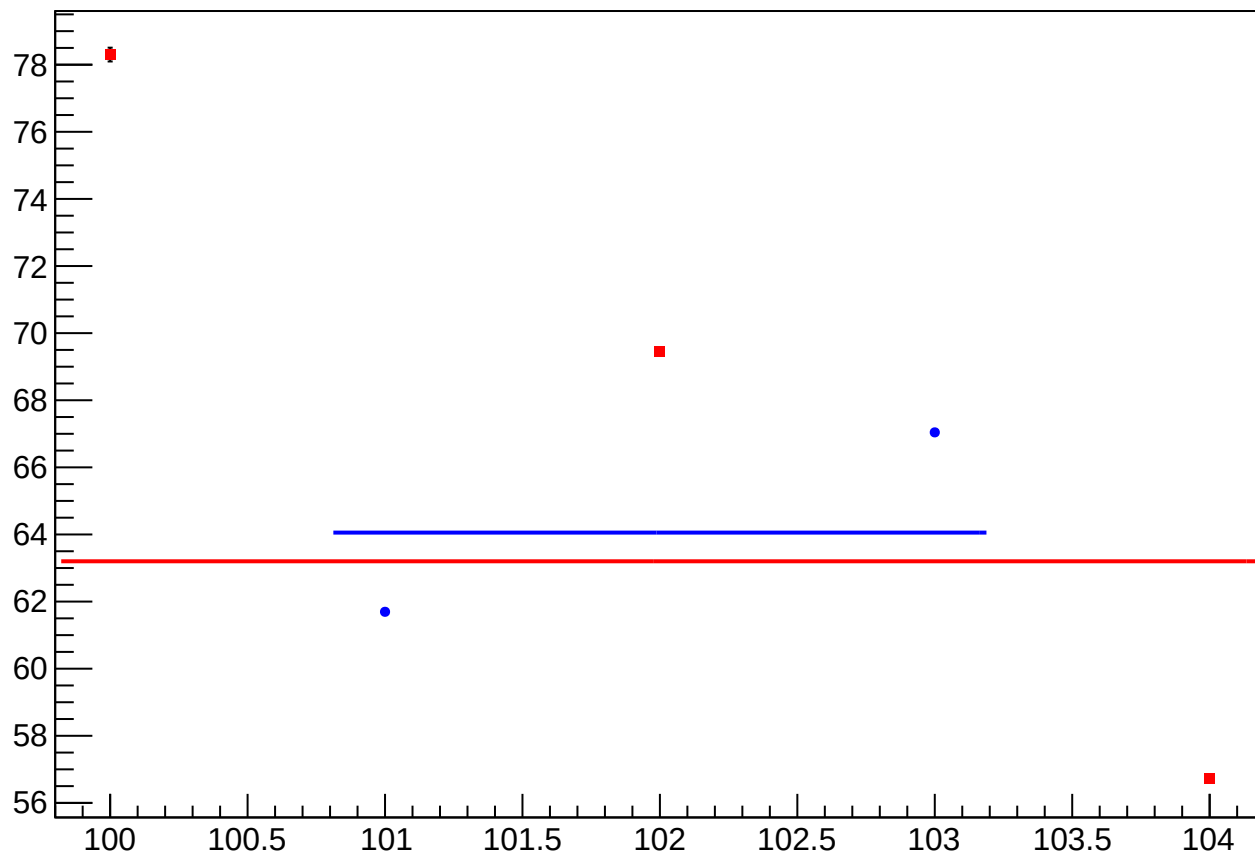
Right: -28.071+/-40.673 χ^2/NDF : 2.5/4

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.071+/-40.673 χ^2/NDF : 2.5/4

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: 63.201+/-0.041 χ^2/NDF : 28982.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

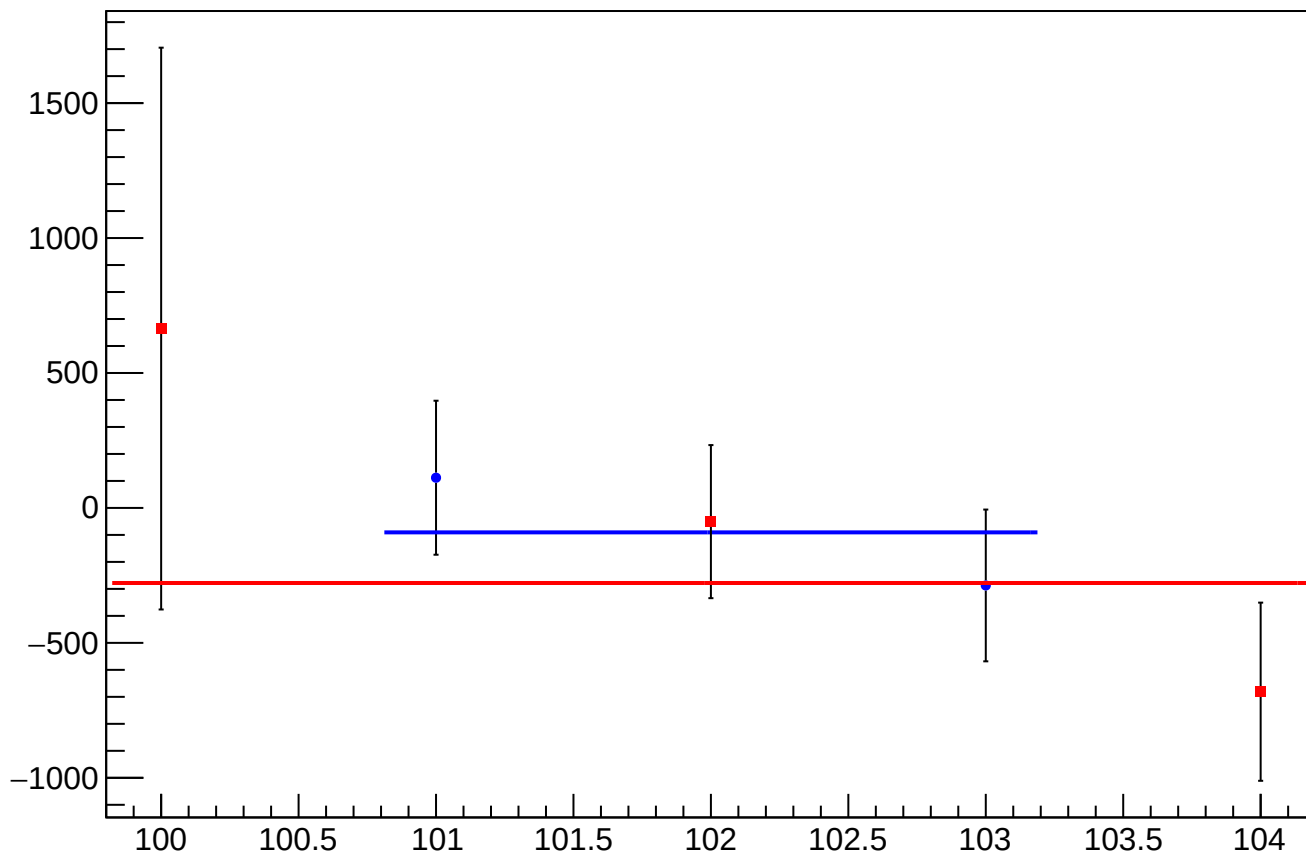
Right: 63.630+/-0.029 χ^2/NDF : 33478.1/4

In: 64.056+/-0.041 χ^2/NDF : 4274.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.630+/-0.029 χ^2/NDF : 33478.1/4

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -90.572 $\pm$ 200.267 χ^2 /NDF: 1.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -278.139 $\pm$ 210.663 χ^2 /NDF: 3.0/2

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

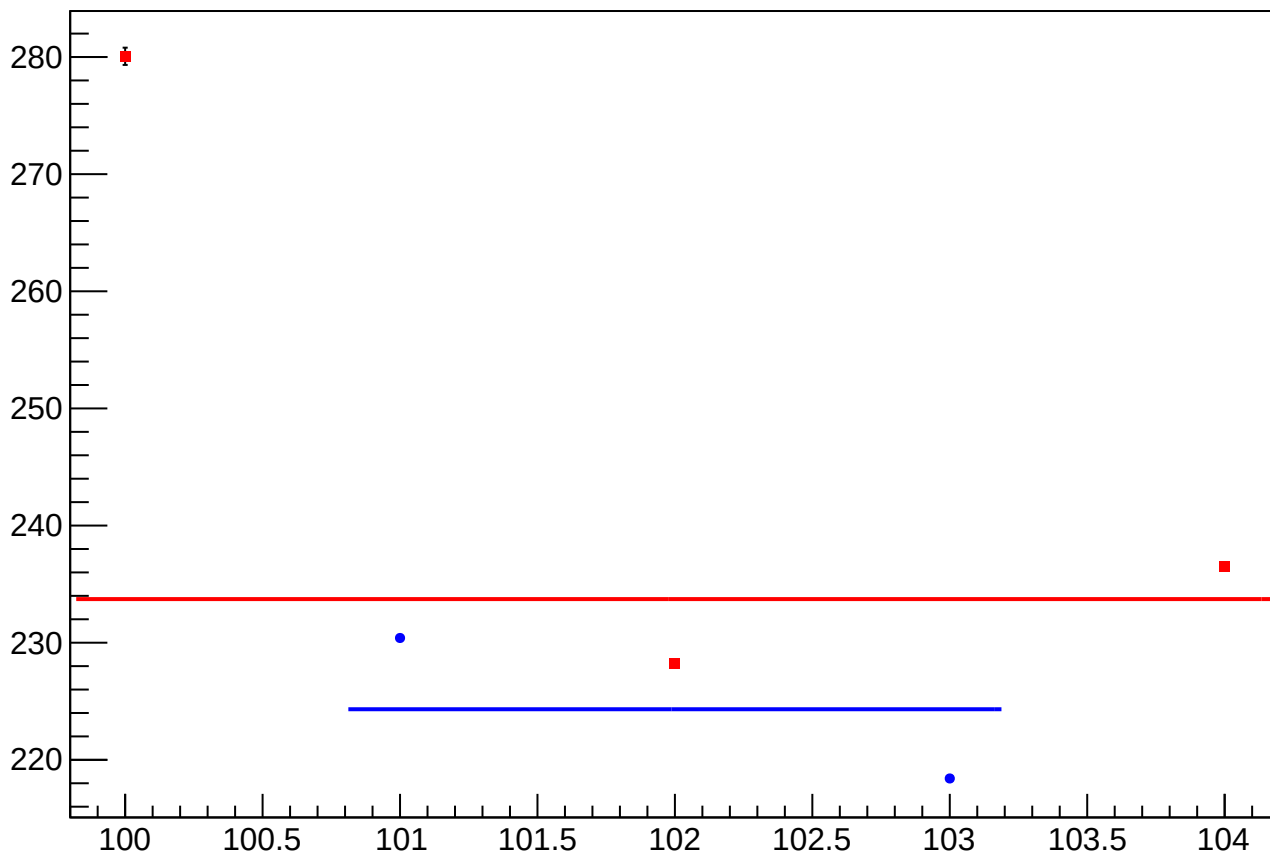
Right: -179.613 $\pm$ 145.146 χ^2 /NDF: 4.4/4

In: -90.572 $\pm$ 200.267 χ^2 /NDF: 1.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -179.613 $\pm$ 145.146 χ^2 /NDF: 4.4/4

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.723+/-0.149 χ^2/NDF : 4867.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

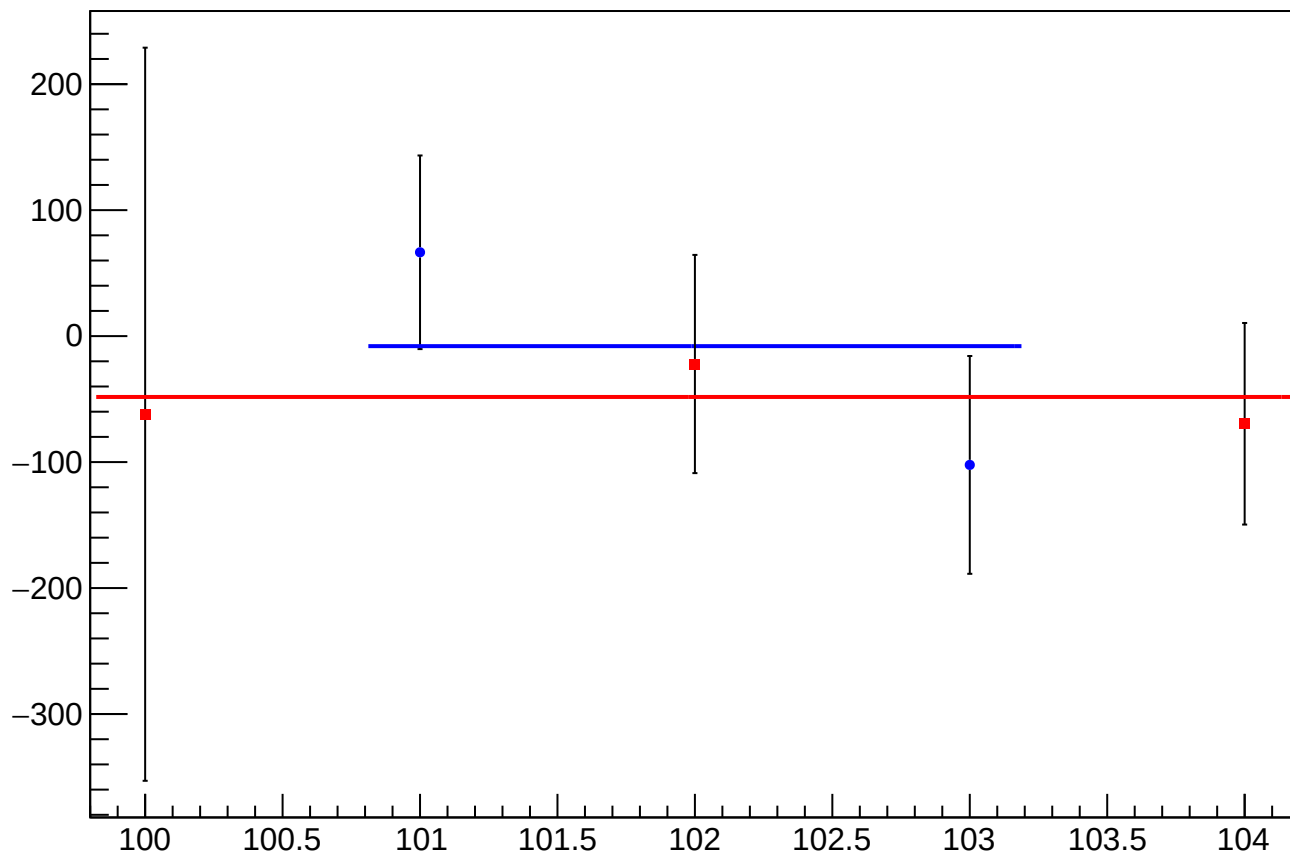
Right: 228.783+/-0.103 χ^2/NDF : 8754.1/4

In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.783+/-0.103 χ^2/NDF : 8754.1/4

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: -48.302+/-57.606 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

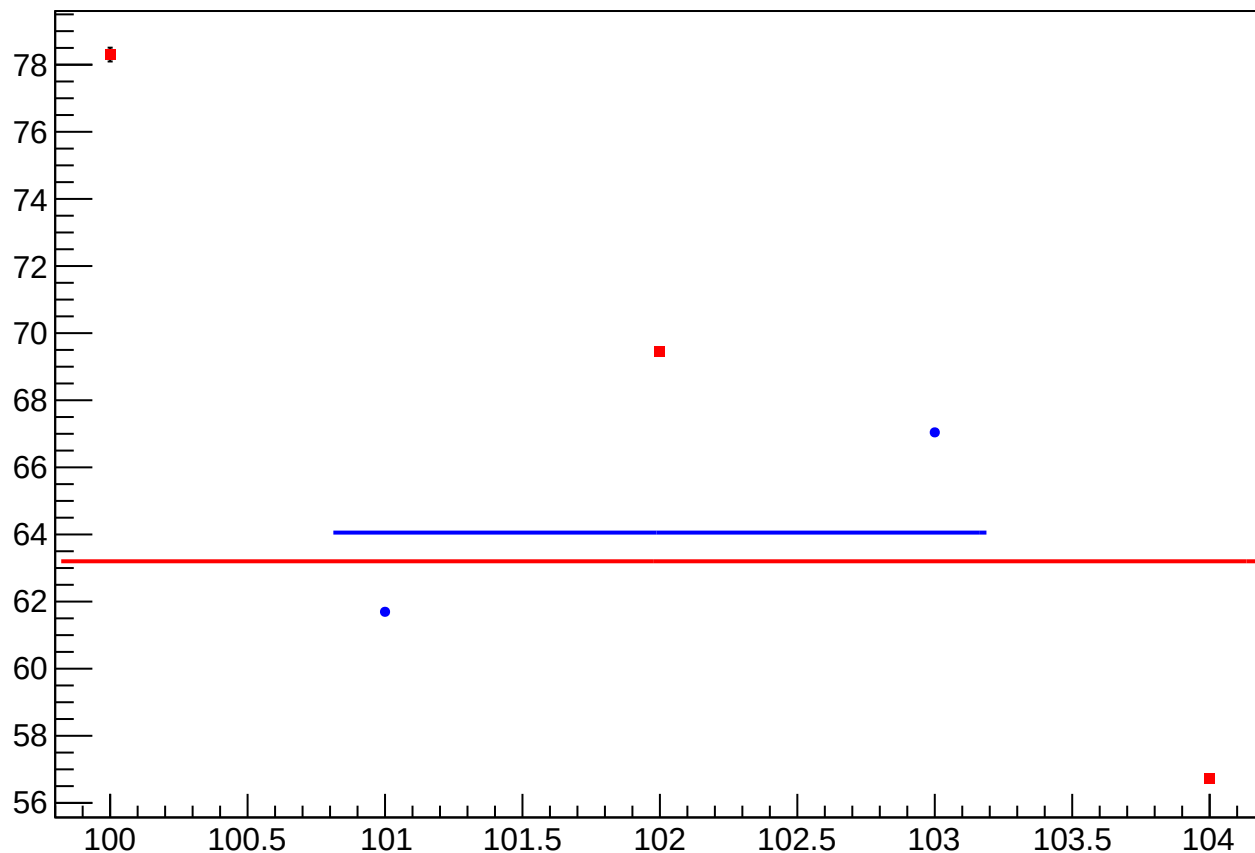
Right: -28.071+/-40.673 χ^2/NDF : 2.5/4

In: -7.960+/-57.434 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.071+/-40.673 χ^2/NDF : 2.5/4

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 64.056 $\pm$ 0.041 χ^2 /NDF: 4274.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.201 $\pm$ 0.041 χ^2 /NDF: 28982.4/2

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

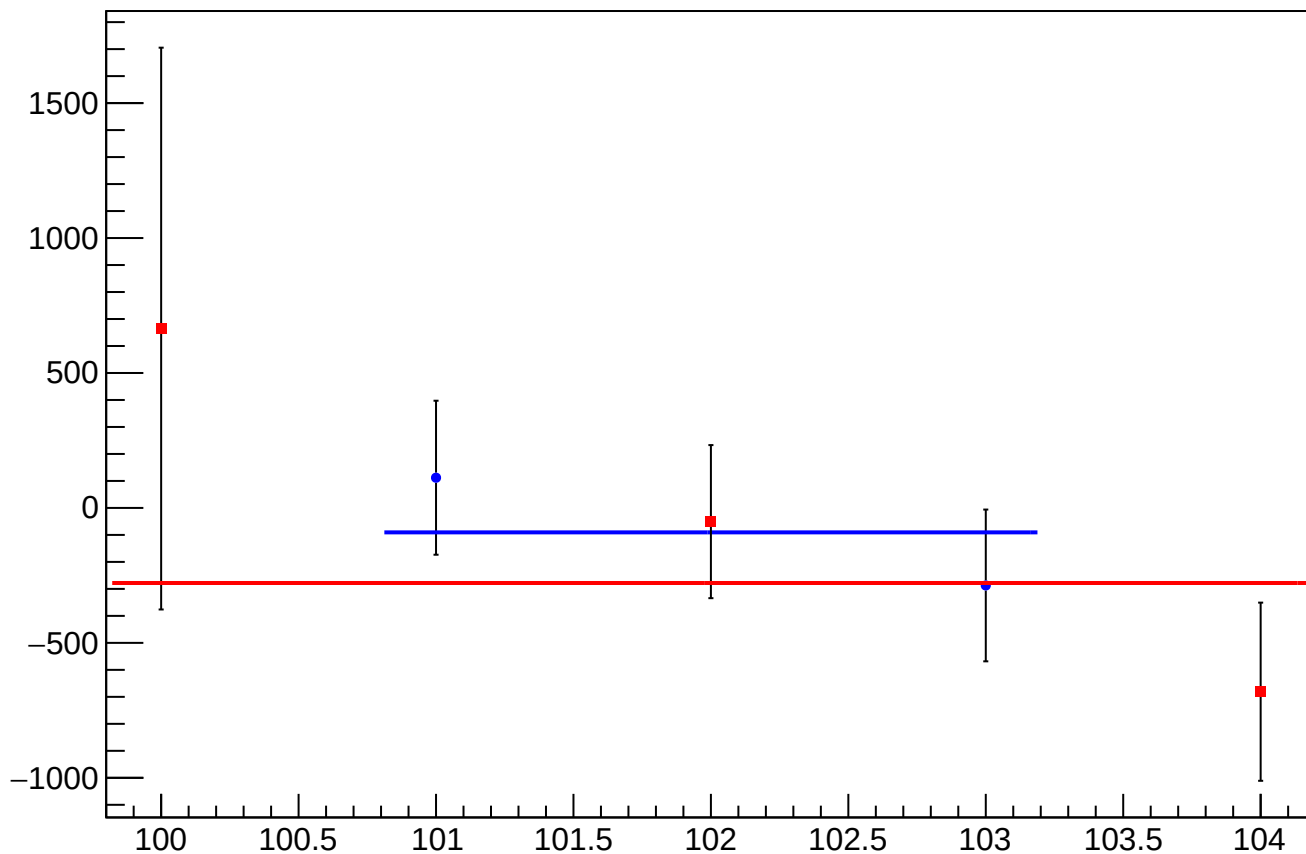
Right: 63.630 $\pm$ 0.029 χ^2 /NDF: 33478.1/4

In: 64.056 $\pm$ 0.041 χ^2 /NDF:4274.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.630 $\pm$ 0.029 χ^2 /NDF: 33478.1/4

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: -278.139 ± 210.663 χ^2/NDF : 3.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

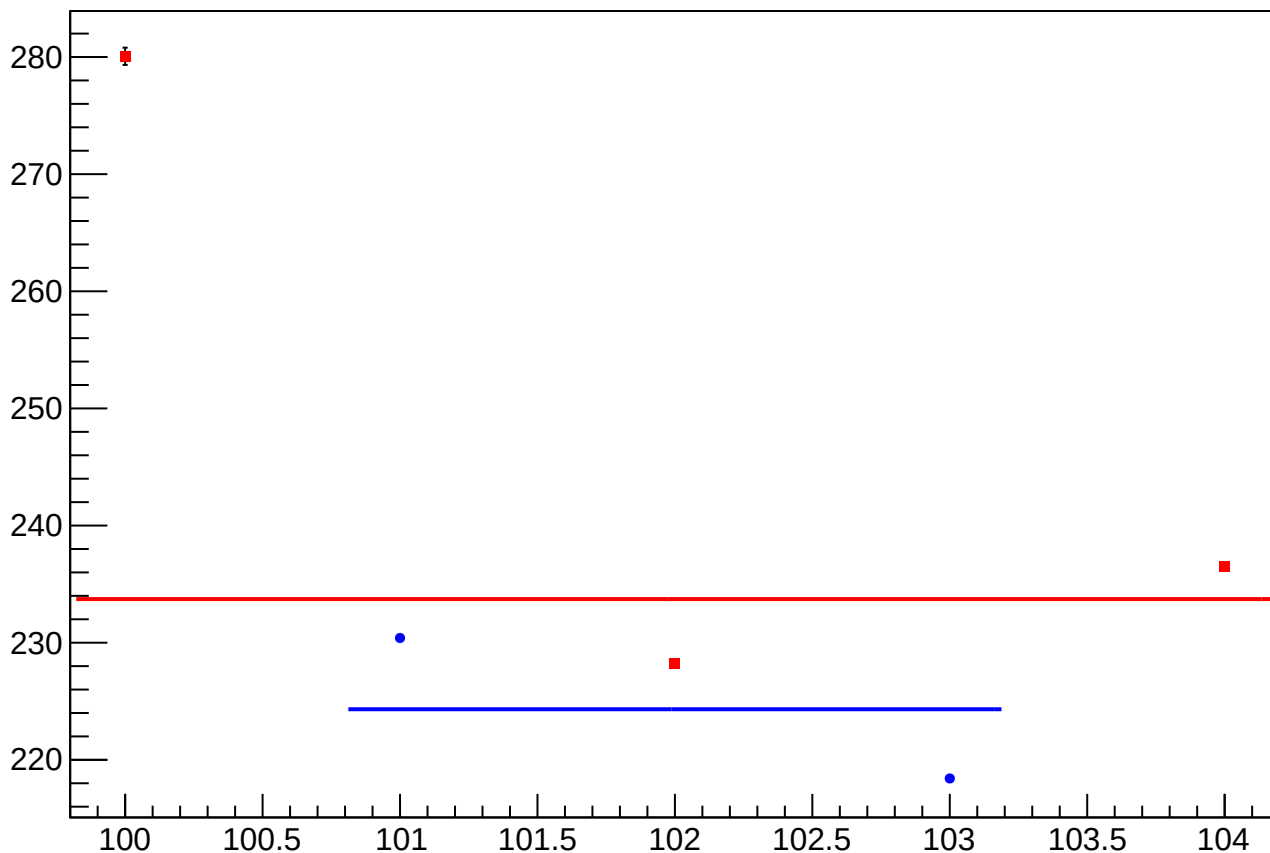
Right: -179.613 ± 145.146 χ^2/NDF : 4.4/4

In: -90.572 ± 200.267 χ^2/NDF : 1.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -179.613 ± 145.146 χ^2/NDF : 4.4/4

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: 233.723+/-0.149 χ^2/NDF : 4867.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

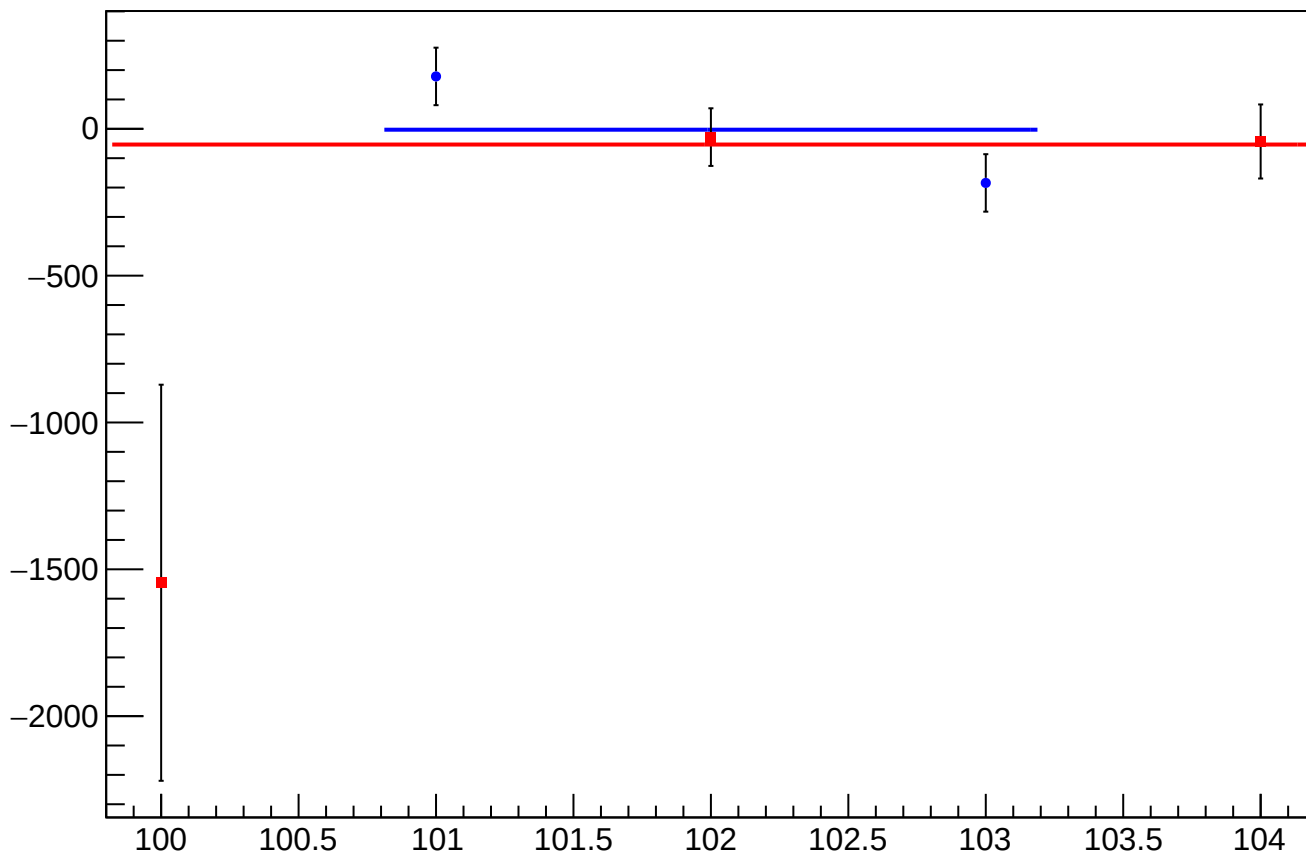
Right: 228.783+/-0.103 χ^2/NDF : 8754.1/4

In: 224.319+/-0.142 χ^2/NDF : 1793.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.783+/-0.103 χ^2/NDF : 8754.1/4

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: -53.506+/-76.939 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

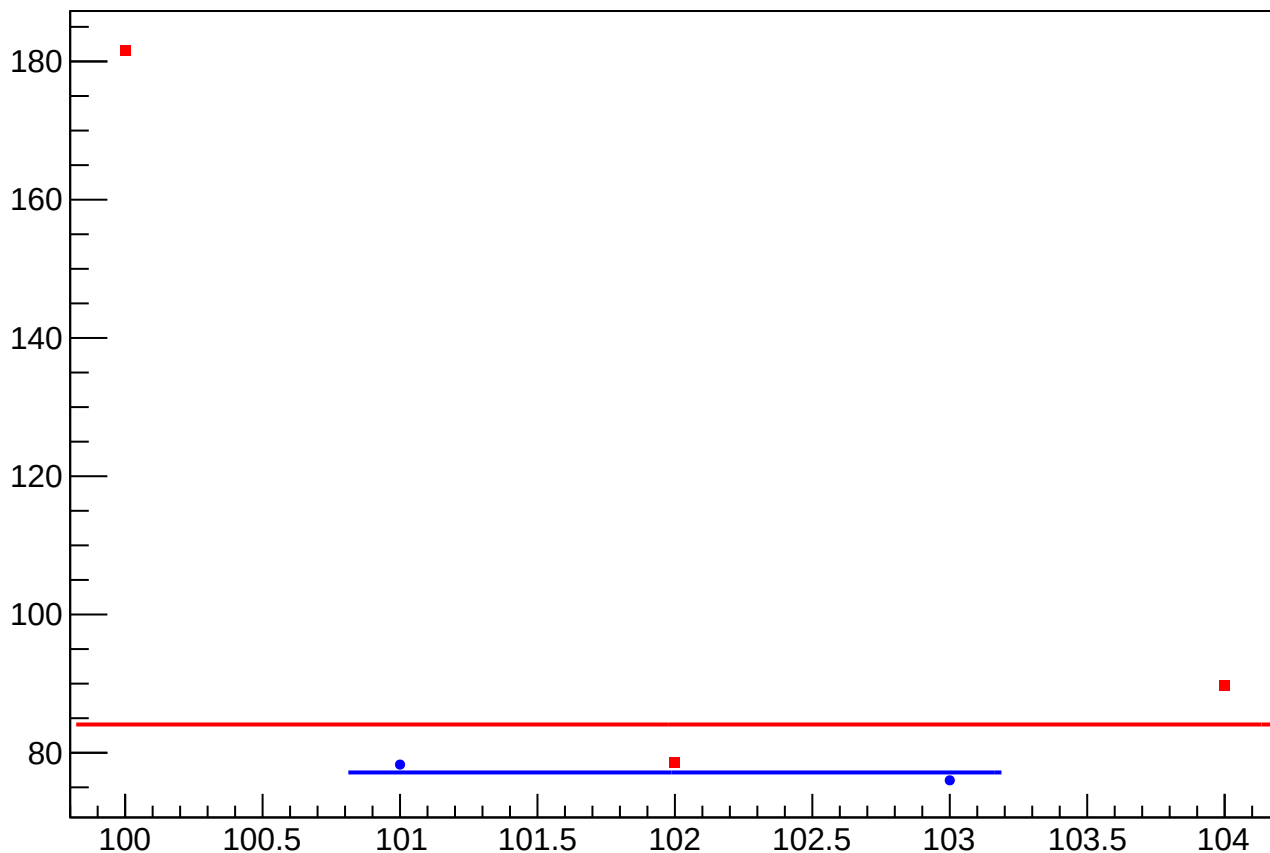
Right: -25.592+/-51.455 χ^2/NDF : 12.1/4

In: -3.003+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.592+/-51.455 χ^2/NDF : 12.1/4

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: 84.089 $\pm$ 0.054 χ^2 /NDF: 51886.2/2

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

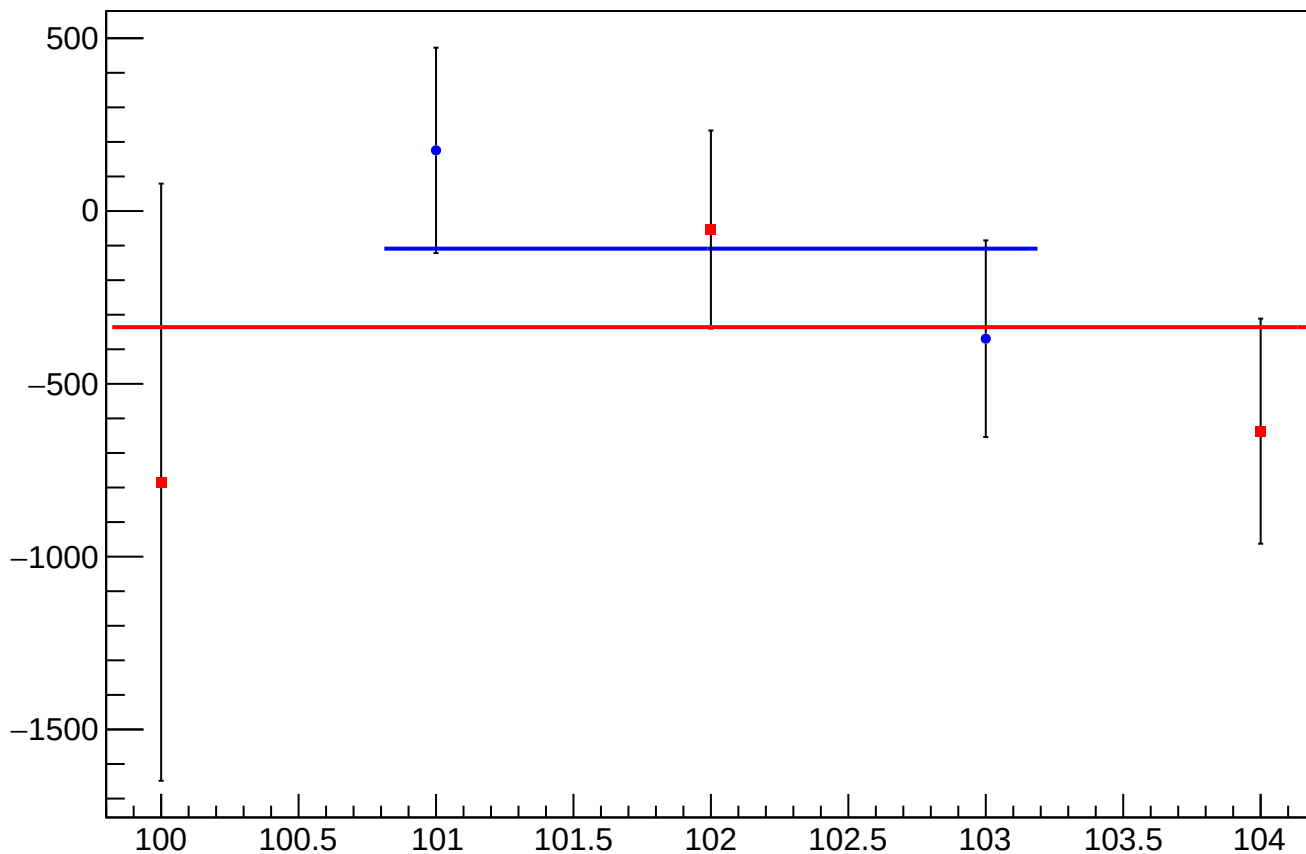
Right: 80.254 $\pm$ 0.036 χ^2 /NDF: 61414.9/4

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: 80.254 $\pm$ 0.036 χ^2 /NDF: 61414.9/4

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.809+/-205.435 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.939+/-208.732 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

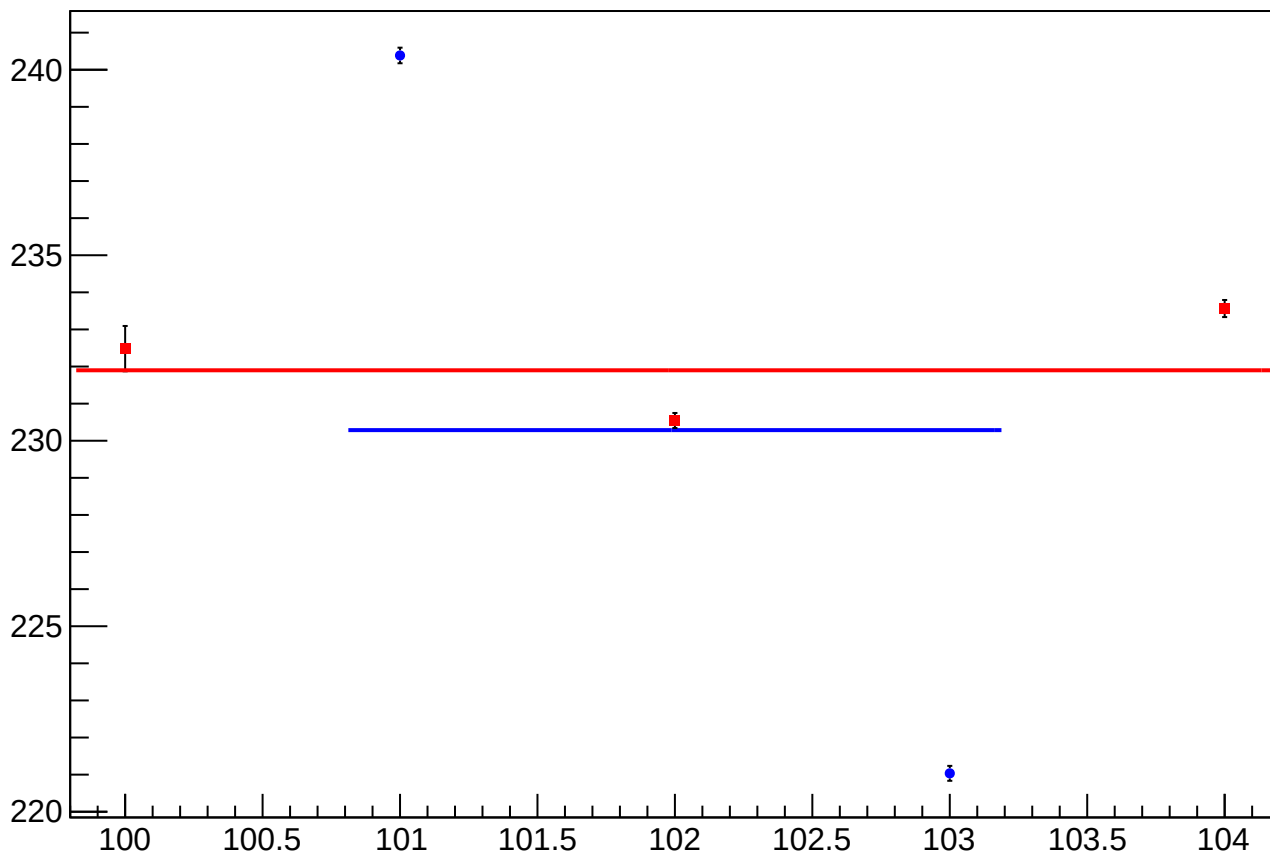
Right: -220.566+/-146.416 χ^2/NDF : 4.5/4

In: -108.809+/-205.435 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.566+/-146.416 χ^2/NDF : 4.5/4

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: 231.899+/-0.148 χ^2/NDF : 97.8/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

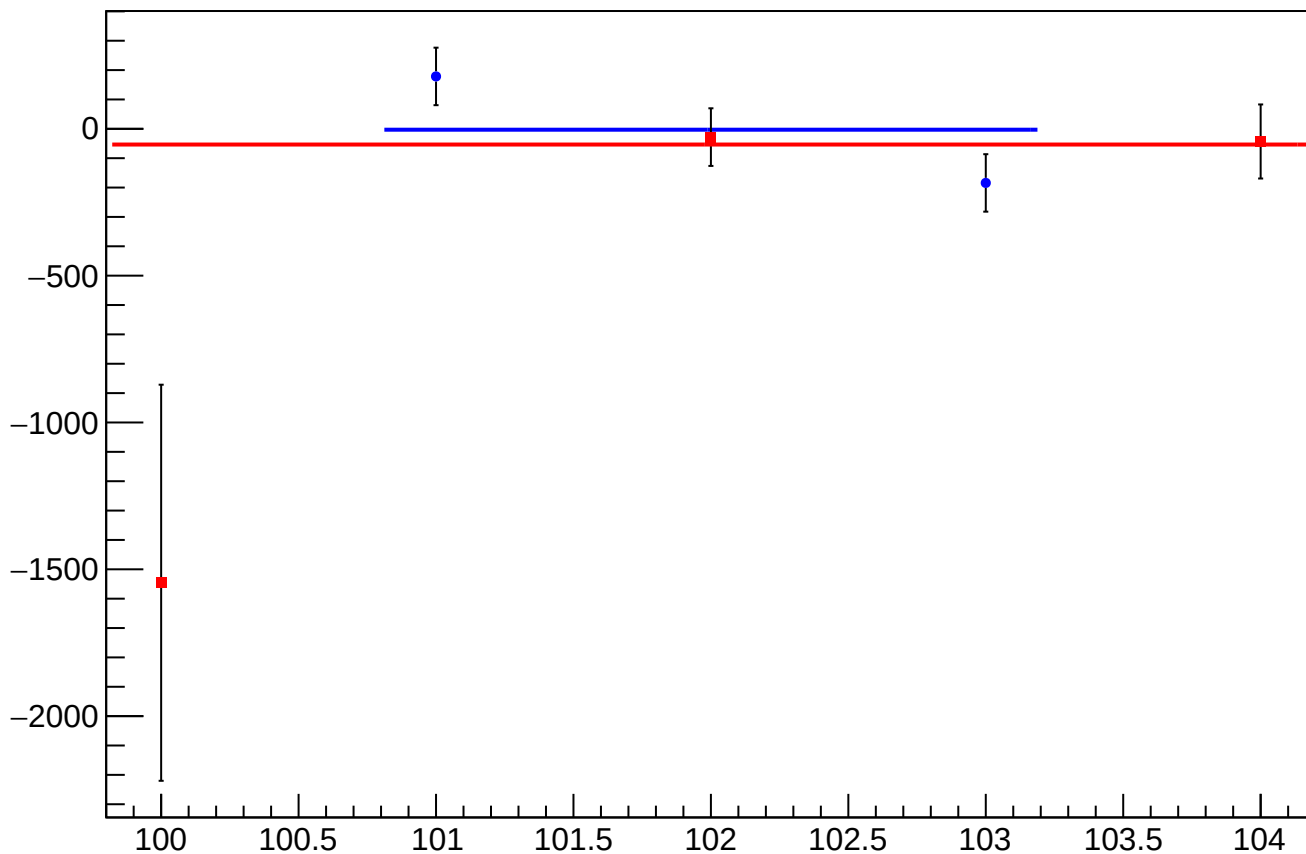
Right: 231.080+/-0.104 χ^2/NDF : 4585.8/4

In: 230.286+/-0.145 χ^2/NDF :4427.4/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 231.080+/-0.104 χ^2/NDF : 4585.8/4

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: -53.507+/-76.939 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

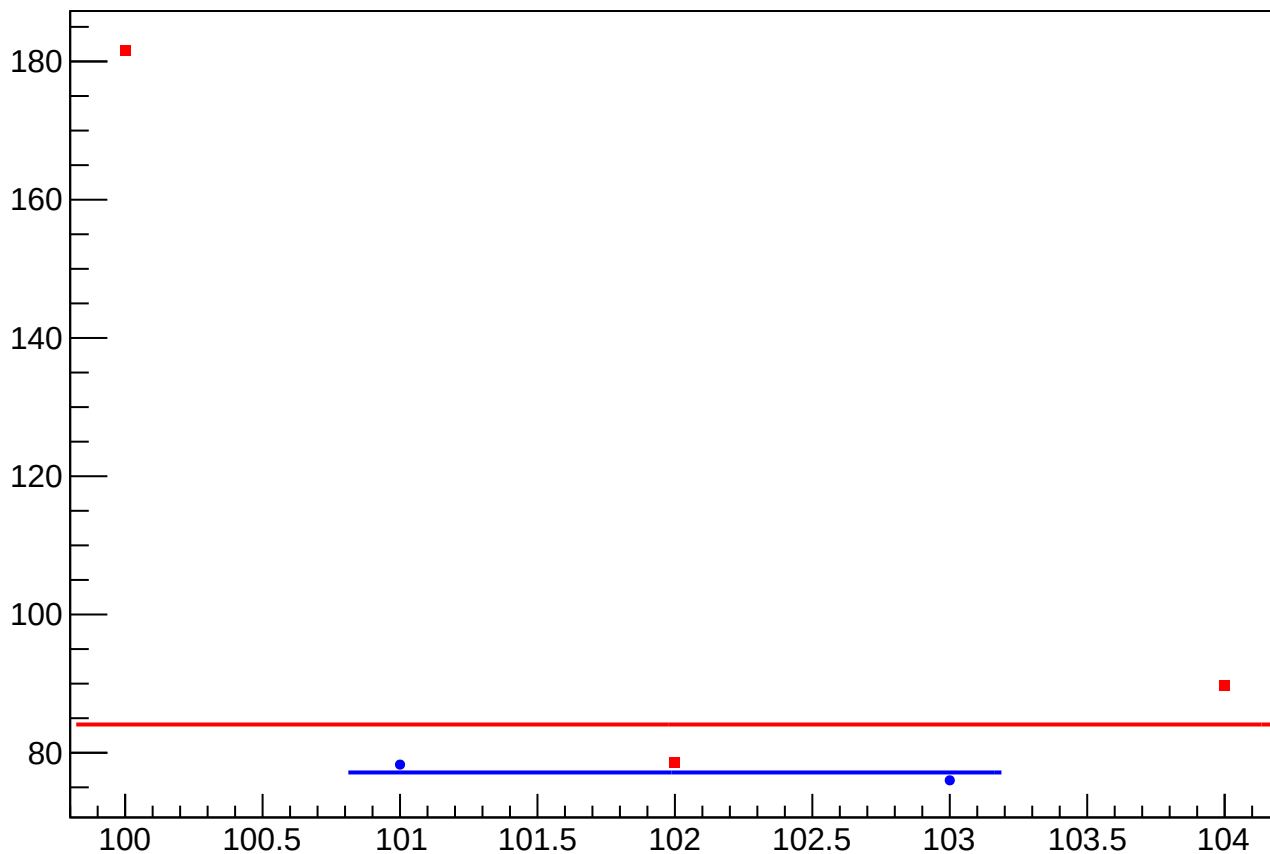
Right: -25.592+/-51.456 χ^2/NDF : 12.1/4

In: -3.002+/-69.211 χ^2/NDF : 6.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.592+/-51.456 χ^2/NDF : 12.1/4

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.089 $\pm$ 0.054 χ^2 /NDF: 51887.0/2

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

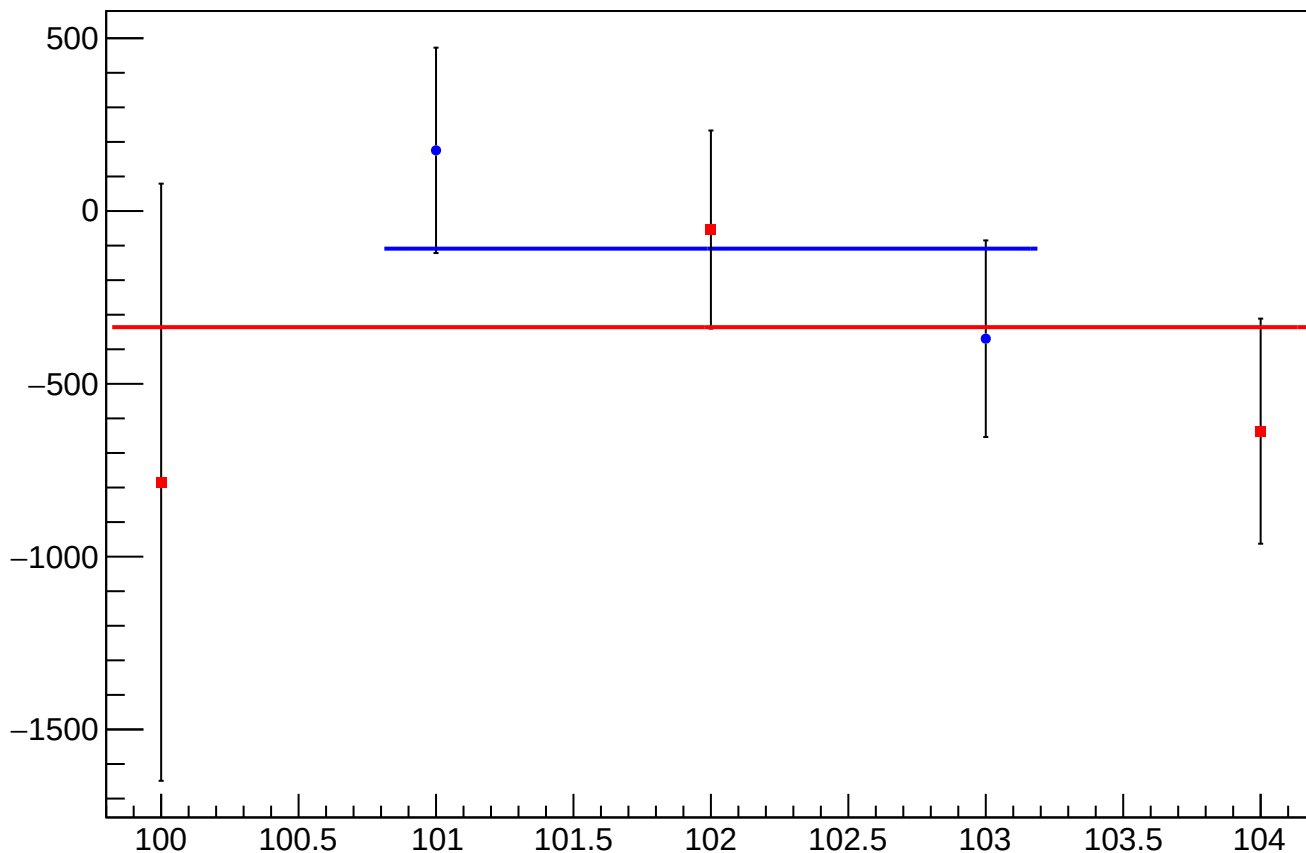
Right: 80.254 $\pm$ 0.036 χ^2 /NDF: 61416.0/4

In: 77.151 $\pm$ 0.049 χ^2 /NDF: 539.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 80.254 $\pm$ 0.036 χ^2 /NDF: 61416.0/4

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -108.810 $\pm$ 205.435 χ^2 /NDF: 1.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -335.940 $\pm$ 208.732 χ^2 /NDF: 2.1/2

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

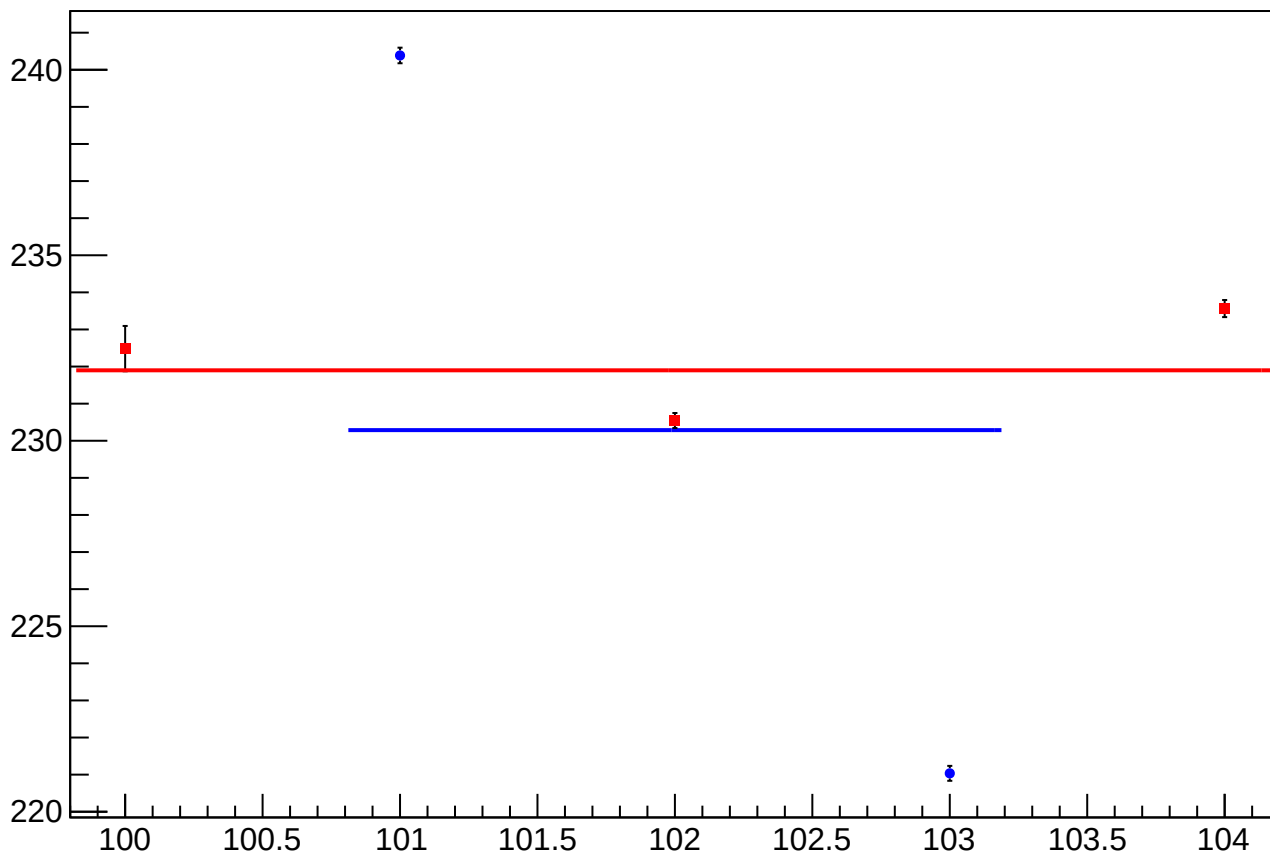
Right: -220.567 $\pm$ 146.416 χ^2 /NDF: 4.5/4

In: -108.810 $\pm$ 205.435 χ^2 /NDF:1.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -220.567 $\pm$ 146.416 χ^2 /NDF: 4.5/4

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 230.287 $\pm$ 0.145 χ^2 /NDF: 4427.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 231.899 $\pm$ 0.148 χ^2 /NDF: 97.8/2

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

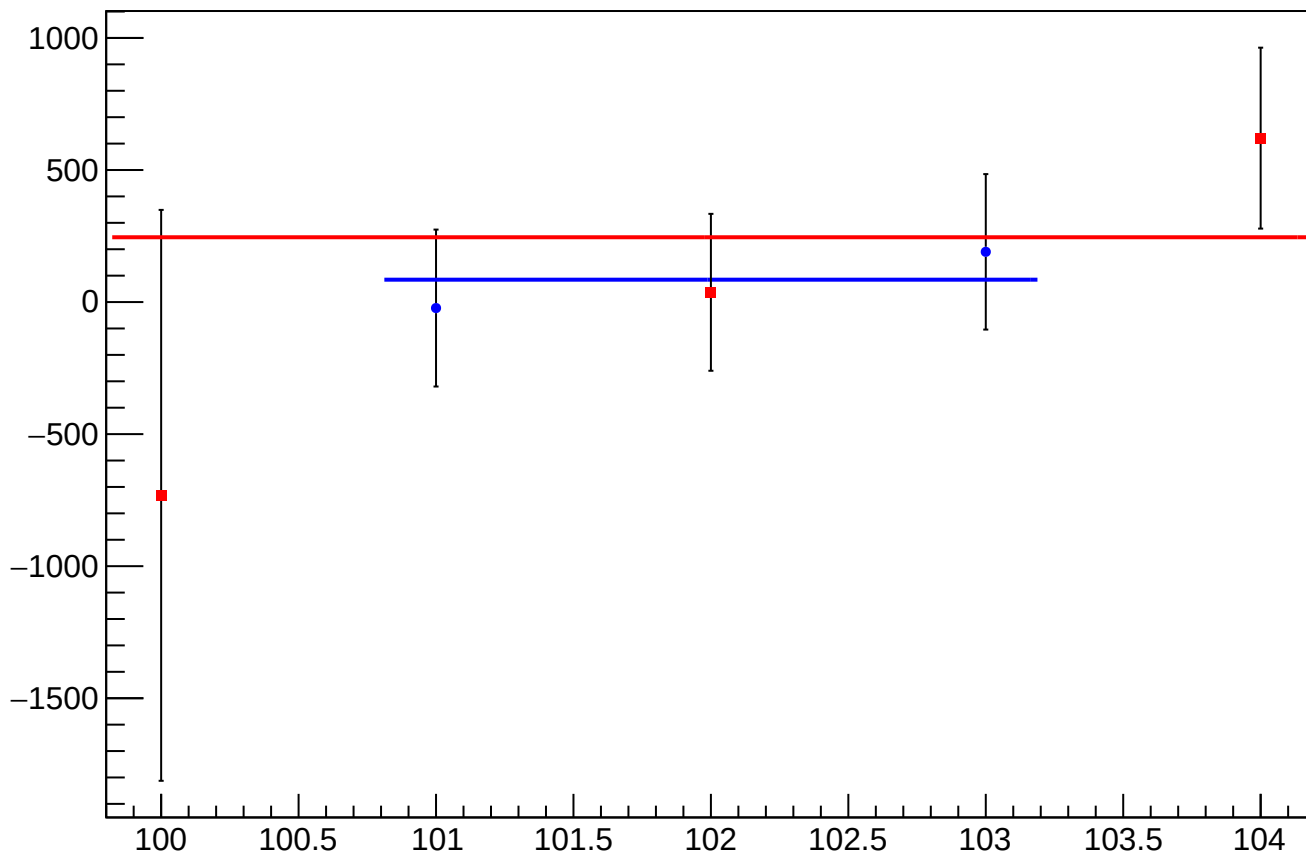
Right: 231.080 $\pm$ 0.104 χ^2 /NDF: 4586.3/4

In: 230.287 $\pm$ 0.145 χ^2 /NDF:4427.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 231.080 $\pm$ 0.104 χ^2 /NDF: 4586.3/4

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: 245.383+/-219.734 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

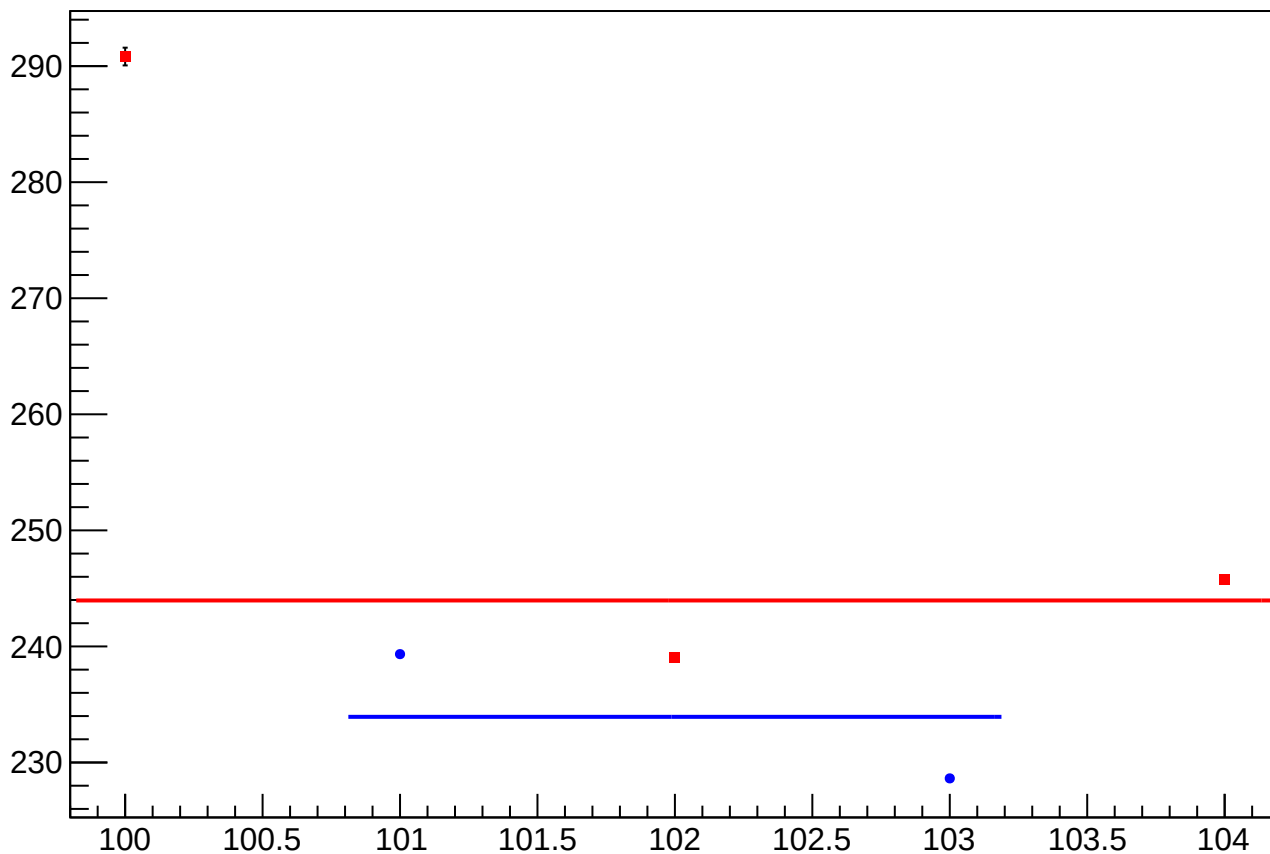
Right: 161.079+/-151.475 χ^2/NDF : 3.0/4

In: 84.739+/-209.097 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.079+/-151.475 χ^2/NDF : 3.0/4

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 233.934+/-0.148 χ^2/NDF : 1310.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.960+/-0.155 χ^2/NDF : 4365.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

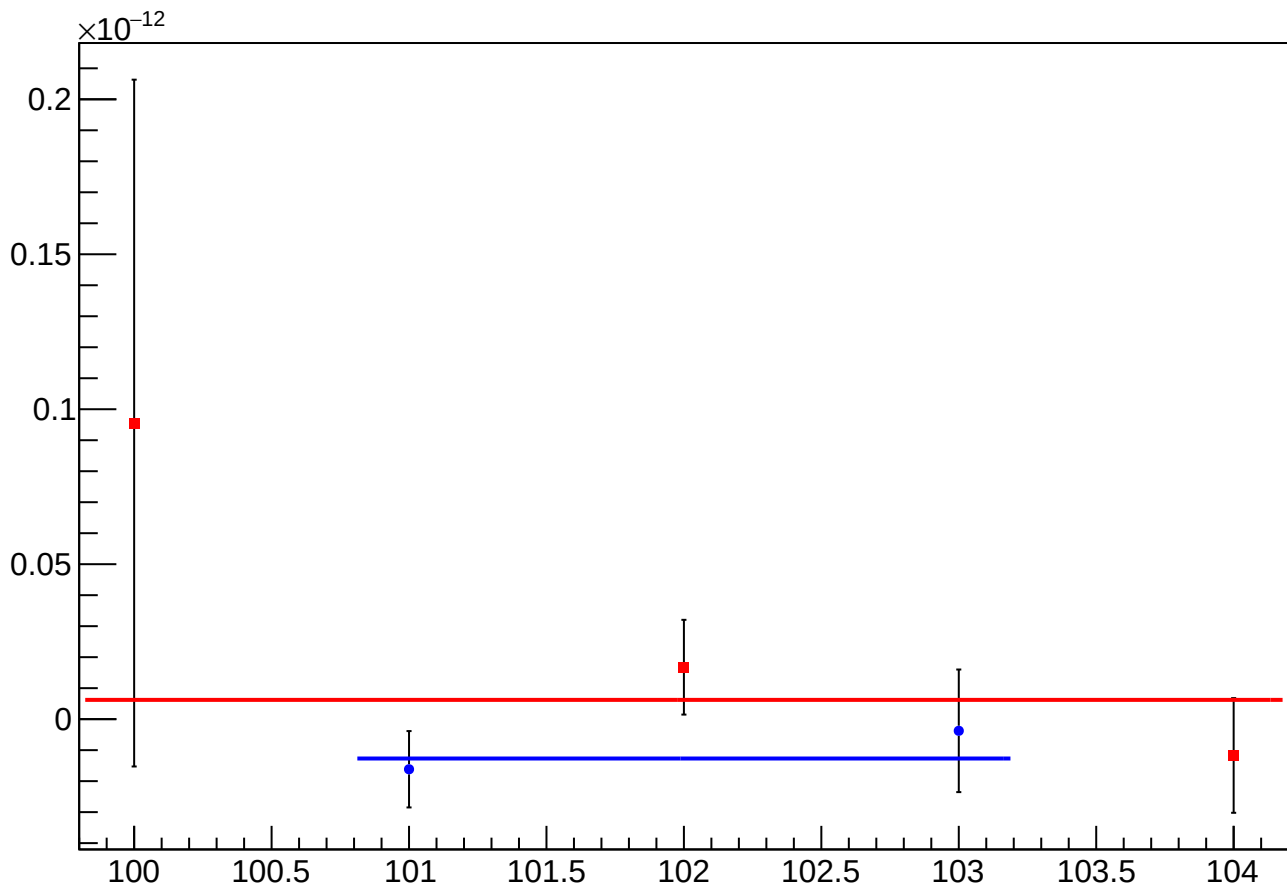
Right: 238.699+/-0.107 χ^2/NDF : 7861.5/4

In: 233.934+/-0.148 χ^2/NDF : 1310.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.699+/-0.107 χ^2/NDF : 7861.5/4

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 : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

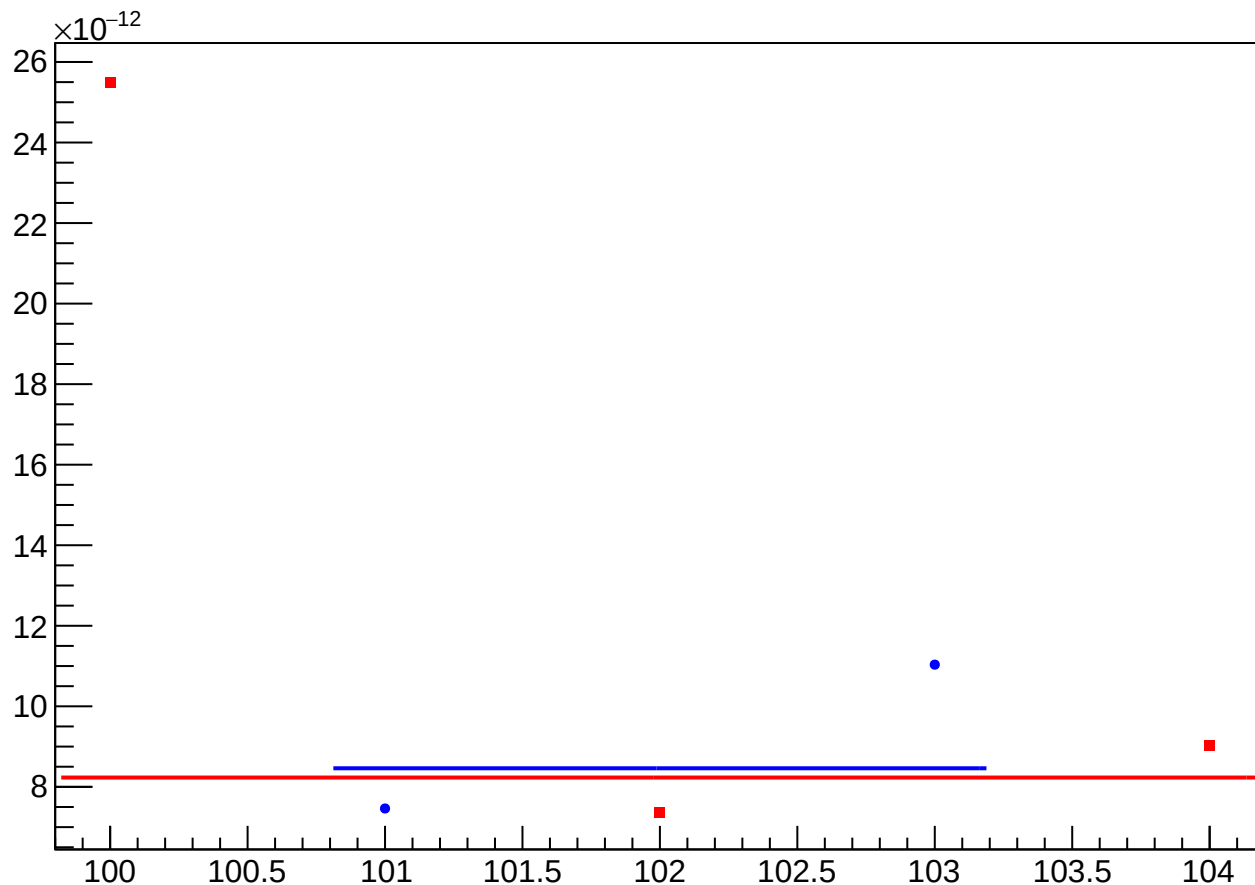
Right: -0.000+/-0.000 χ^2/NDF : 3.8/4

In: -0.000+/-0.000 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.8/4

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 : 58489.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

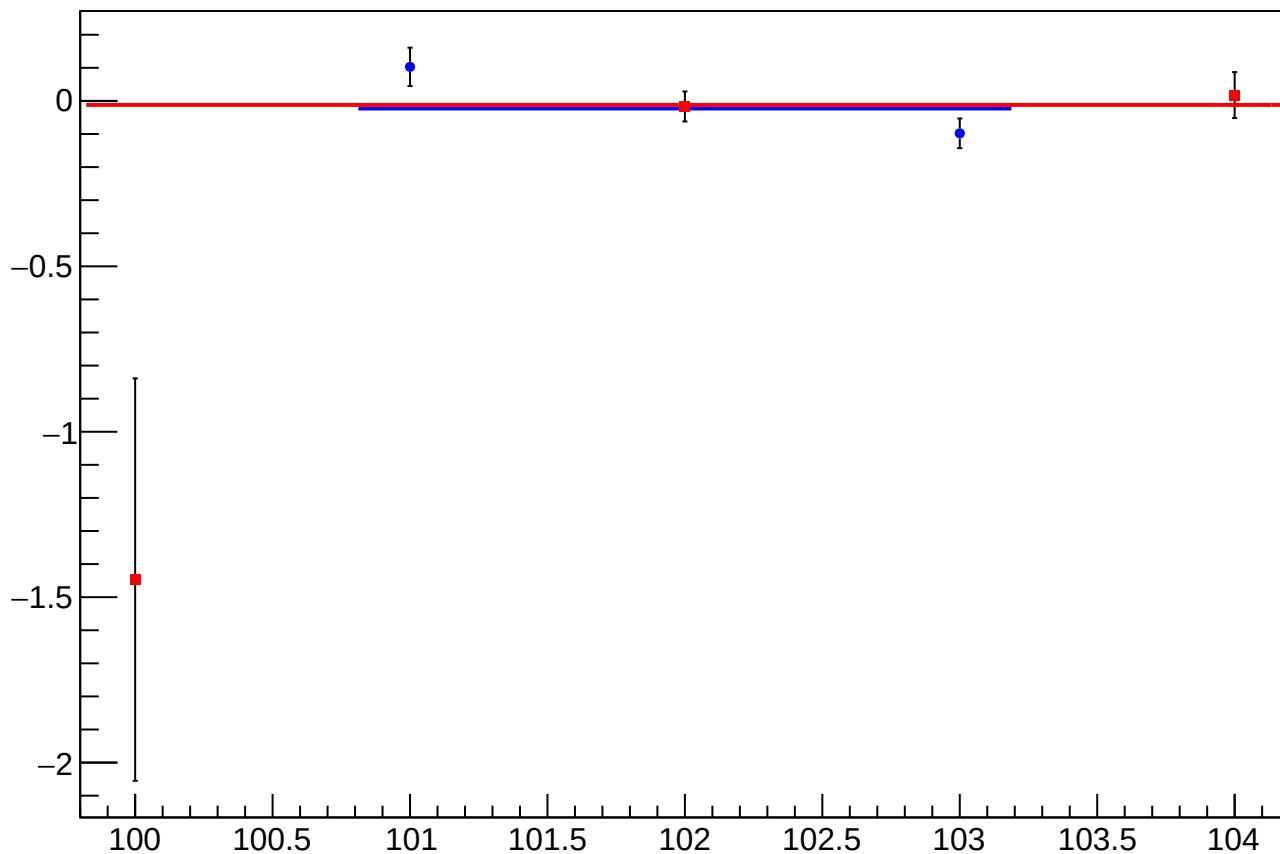
Right: 0.000+/-0.000 χ^2/NDF : 105906.8/4

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 : 105906.8/4

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: -0.012+/-0.038 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

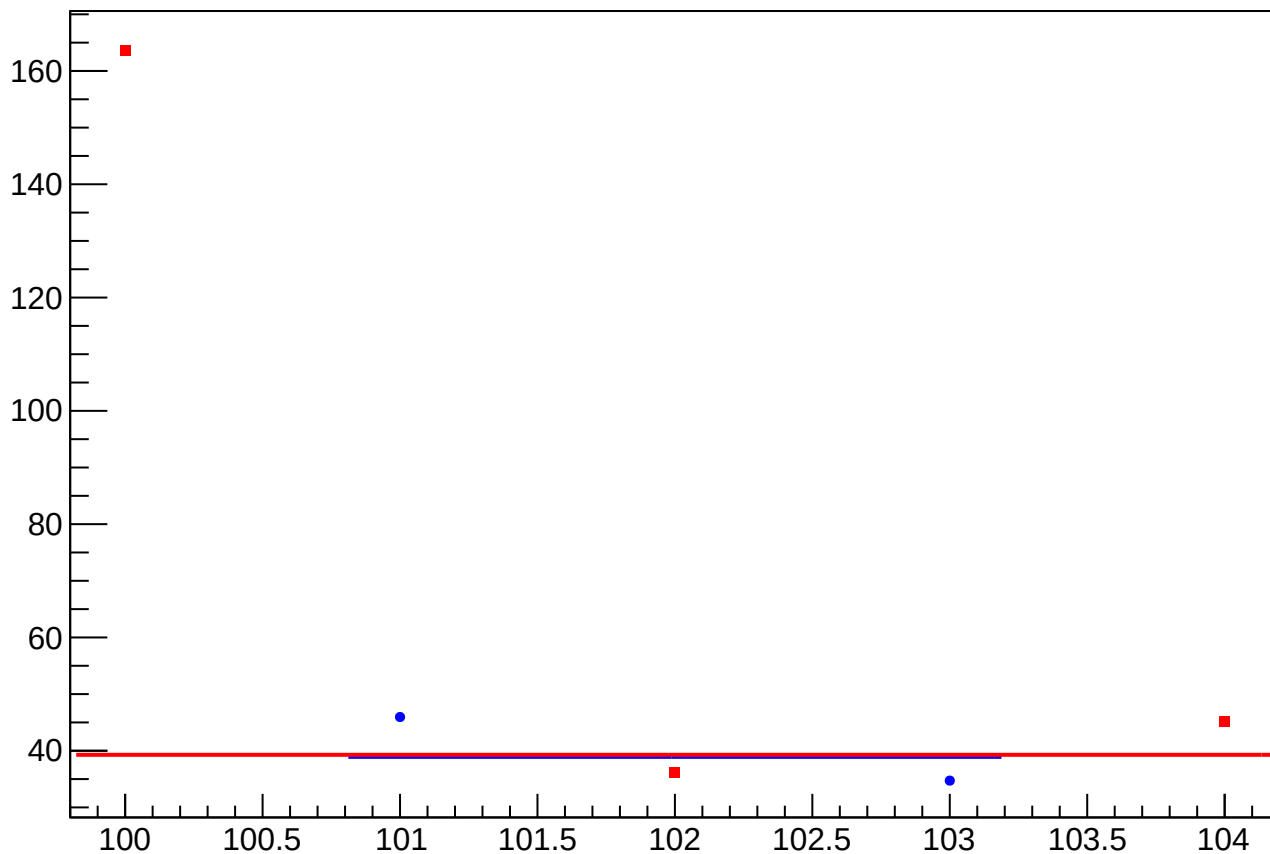
Right: -0.018+/-0.026 χ^2/NDF : 13.3/4

In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.026 χ^2/NDF : 13.3/4

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: 39.286+/-0.027 χ^2/NDF : 107886.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

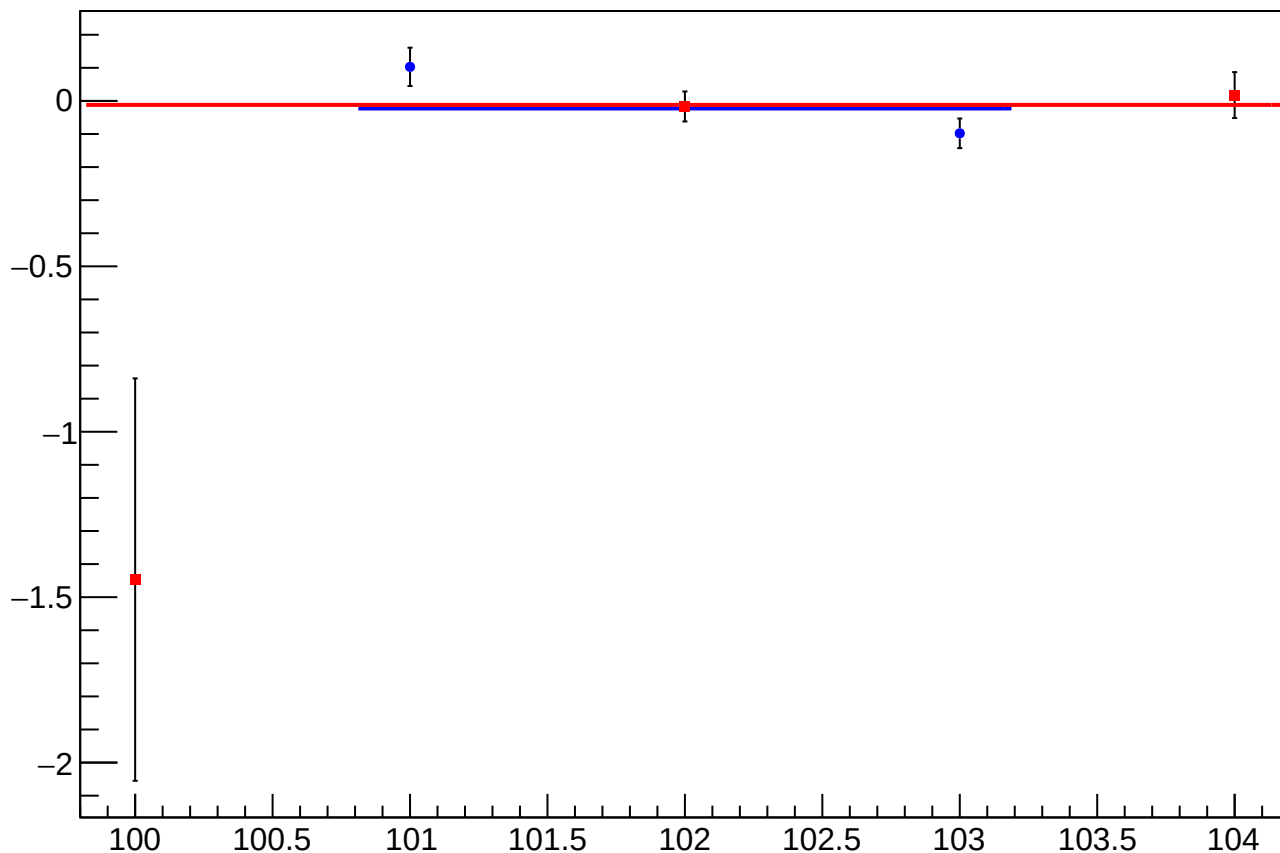
Right: 39.093+/-0.018 χ^2/NDF : 154985.2/4

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.093+/-0.018 χ^2/NDF : 154985.2/4

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: -0.012+/-0.038 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

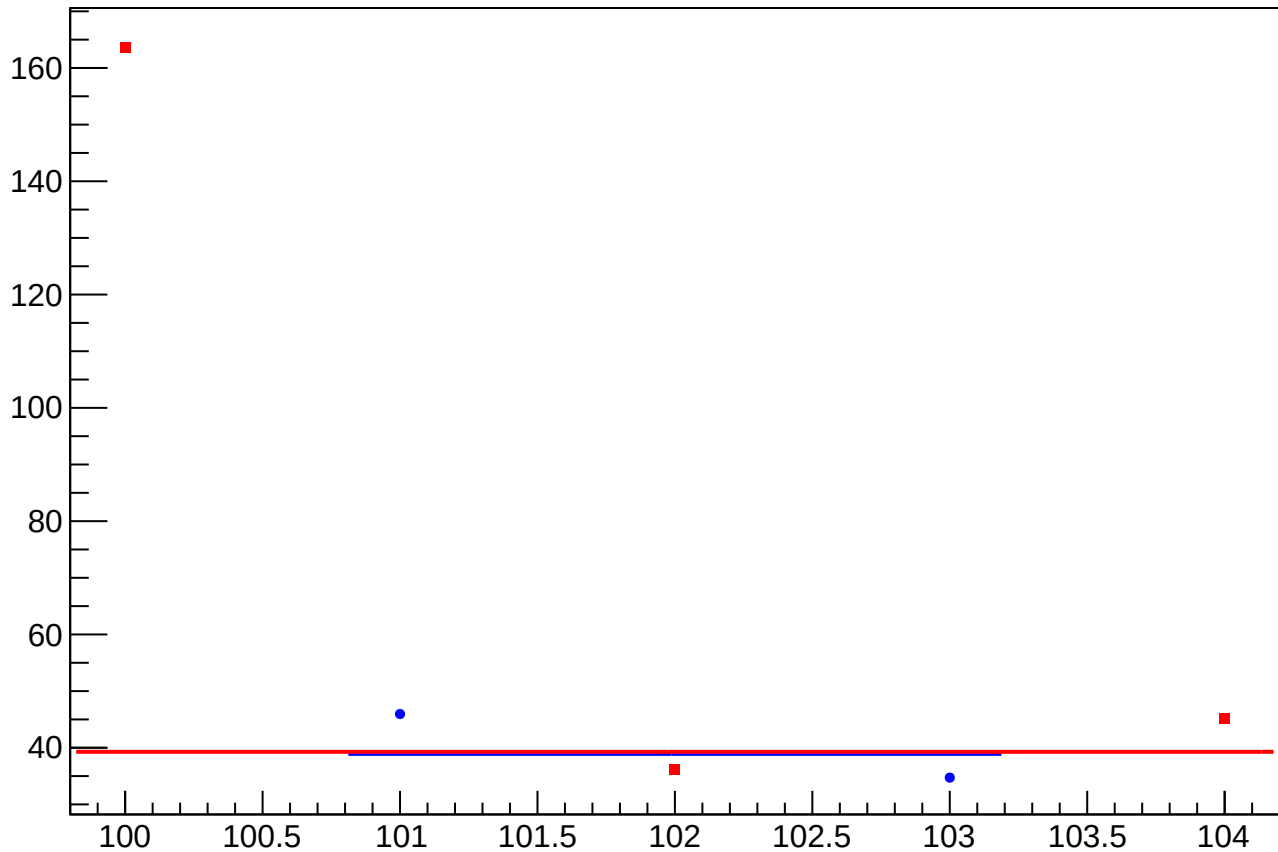
Right: -0.018+/-0.026 χ^2/NDF : 13.3/4

In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.026 χ^2/NDF : 13.3/4

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: 39.286+/-0.027 χ^2/NDF : 107886.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

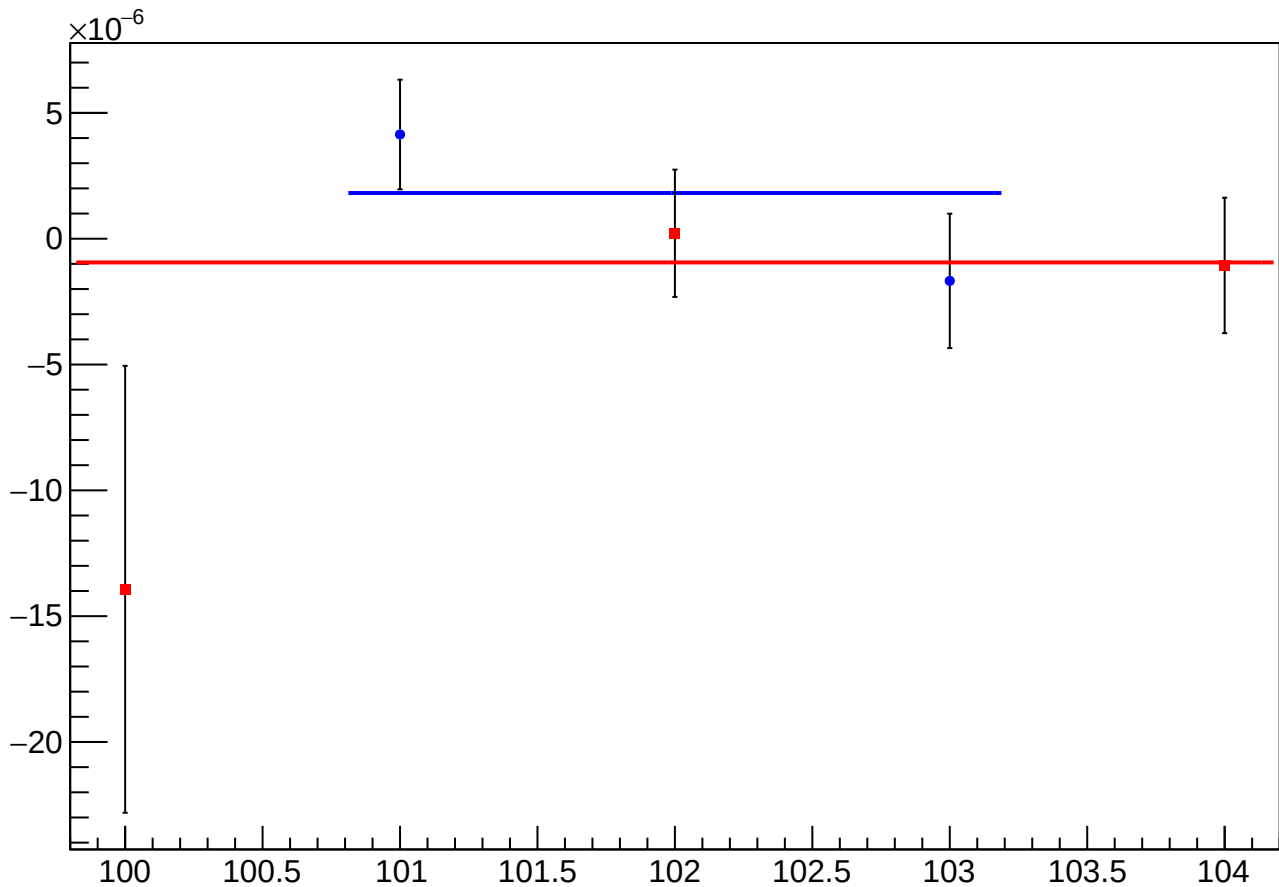
Right: 39.093+/-0.018 χ^2/NDF : 154985.2/4

In: 38.924+/-0.025 χ^2/NDF : 47001.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.093+/-0.018 χ^2/NDF : 154985.2/4

asym_sam_37_48_dd_eigen_dit_vs_dit_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 : 2.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

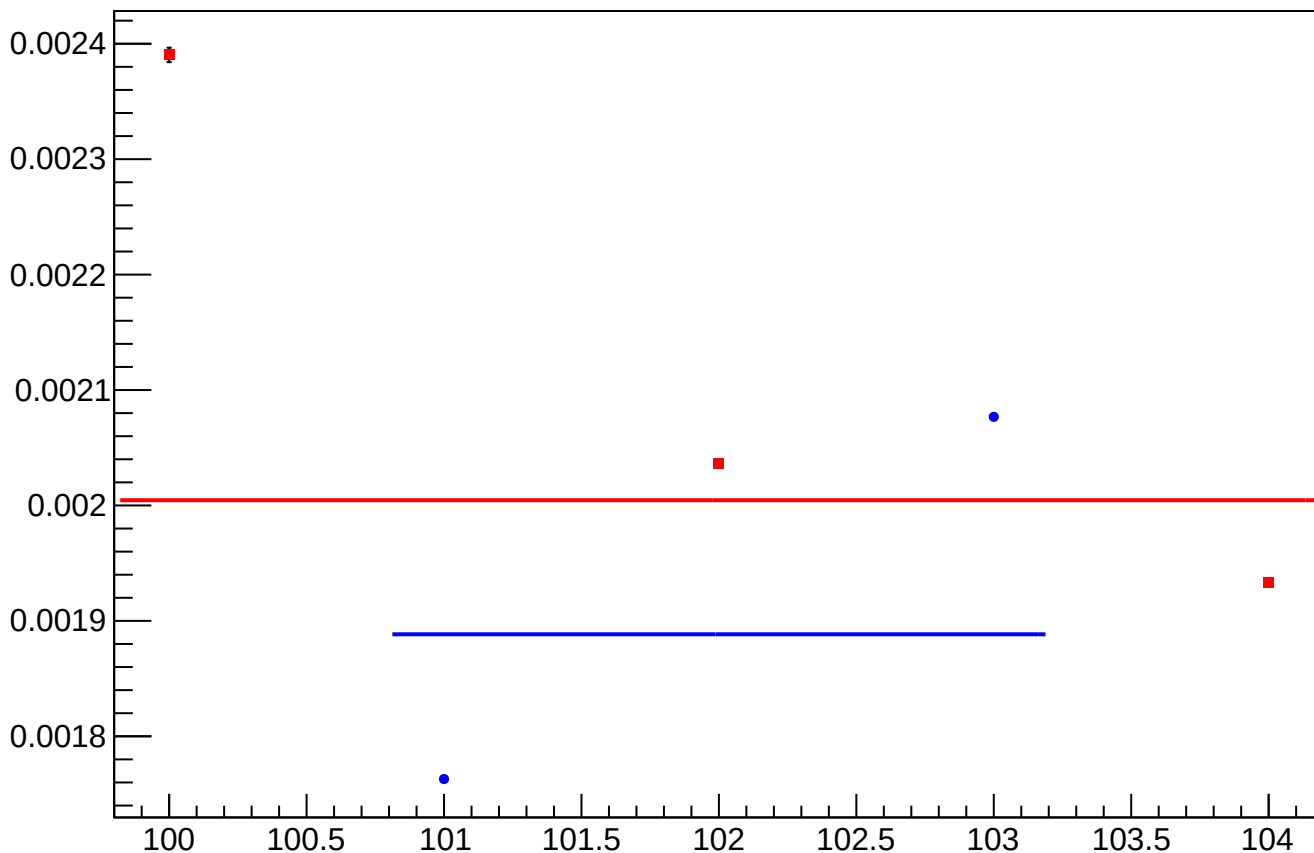
Right: 0.000+/-0.000 χ^2/NDF : 6.5/4

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 : 6.5/4

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: 0.002+/-0.000 χ^2/NDF : 5502.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

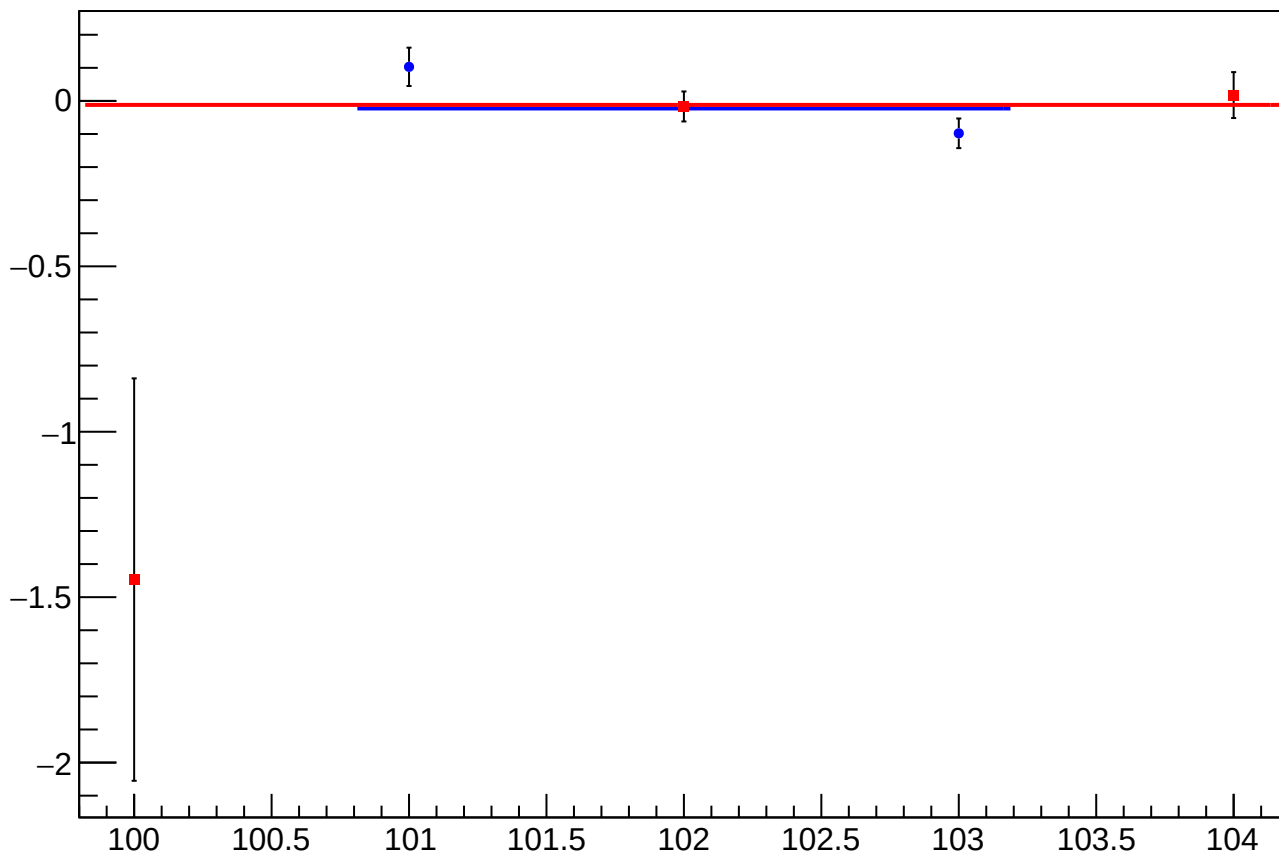
Right: 0.002+/-0.000 χ^2/NDF : 26514.2/4

In: 0.002+/-0.000 χ^2/NDF : 16591.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 26514.2/4

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.023 $\pm$ 0.035 χ^2 /NDF: 7.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.012 $\pm$ 0.038 χ^2 /NDF: 5.8/2

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

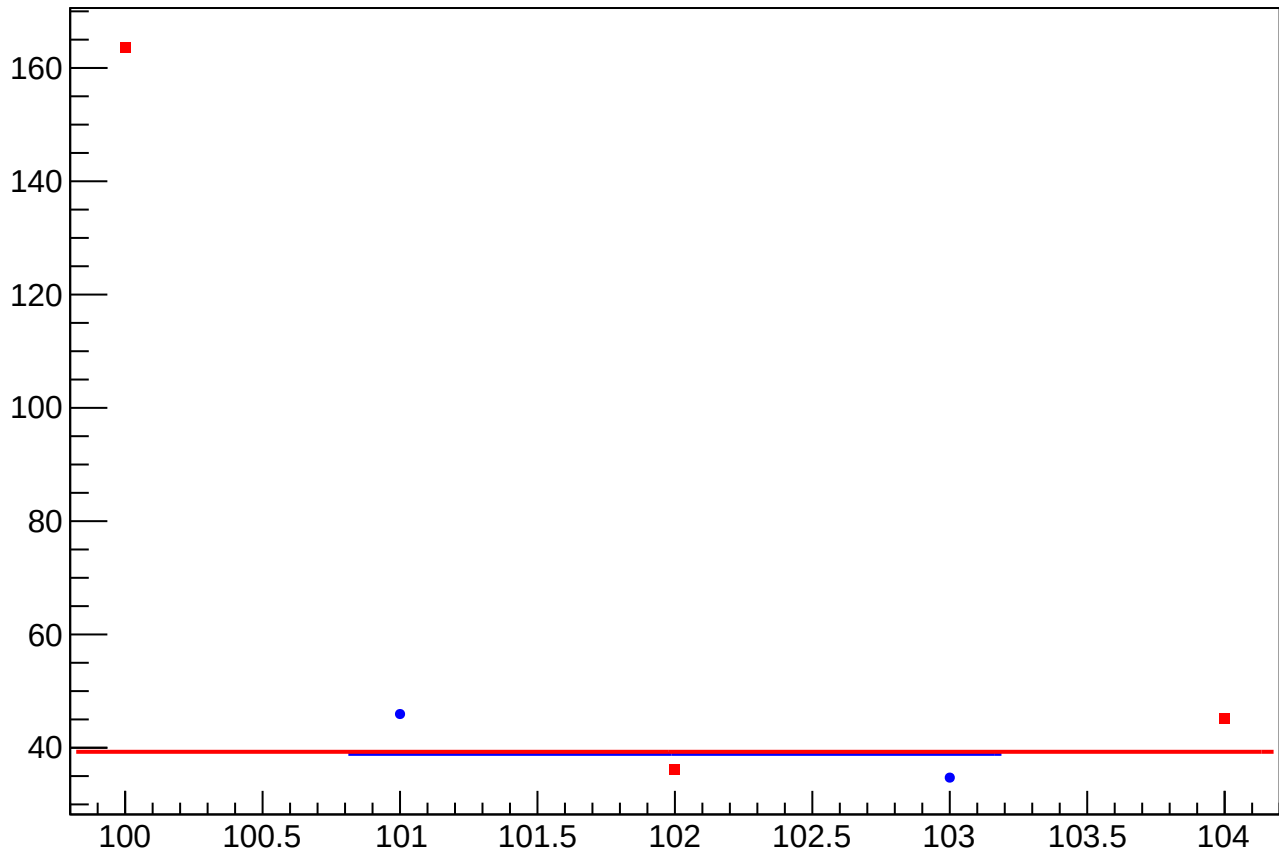
Right: -0.018 $\pm$ 0.026 χ^2 /NDF: 13.3/4

In: -0.023 $\pm$ 0.035 χ^2 /NDF: 7.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.026 χ^2 /NDF: 13.3/4

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: 39.287+/-0.027 χ^2/NDF : 107887.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

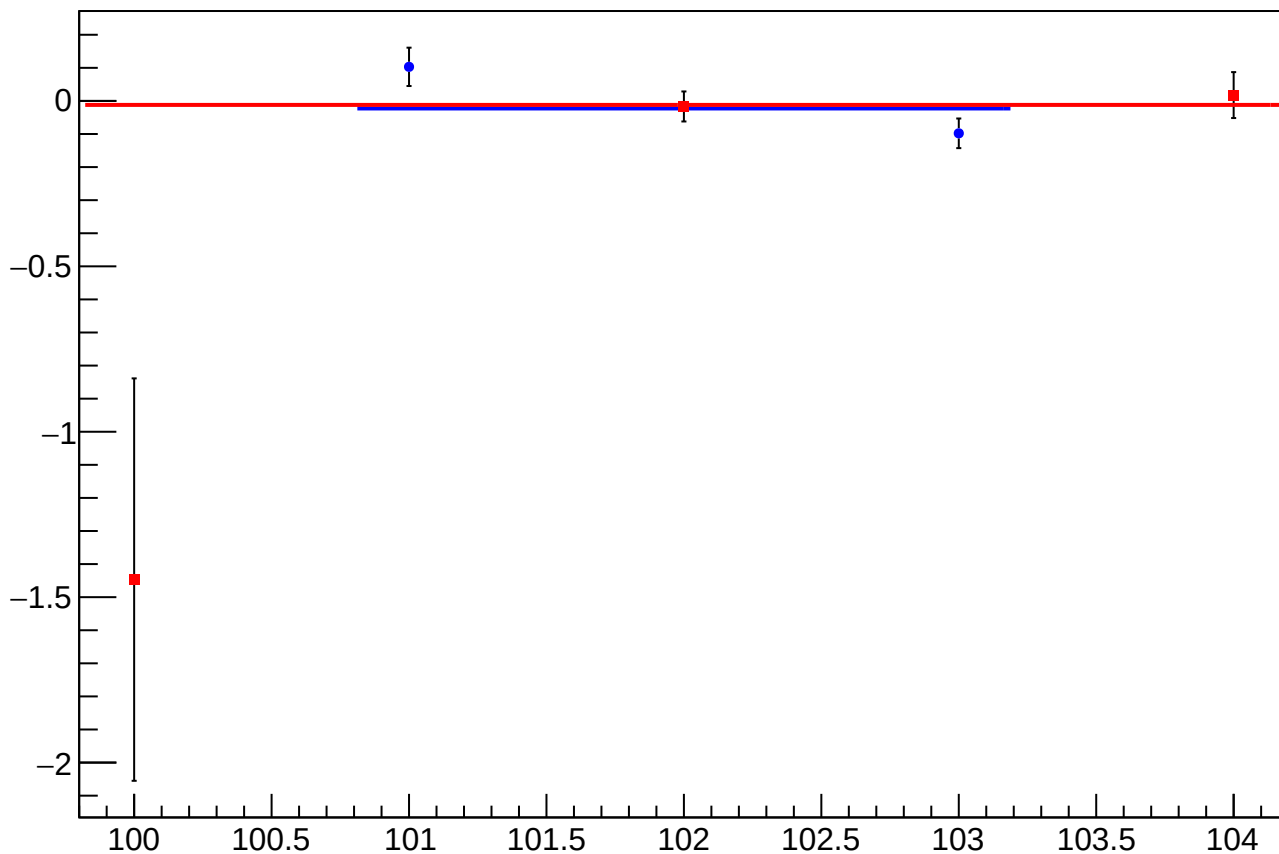
Right: 39.093+/-0.018 χ^2/NDF : 154989.0/4

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.093+/-0.018 χ^2/NDF : 154989.0/4

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: -0.012+/-0.038 χ^2/NDF : 5.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

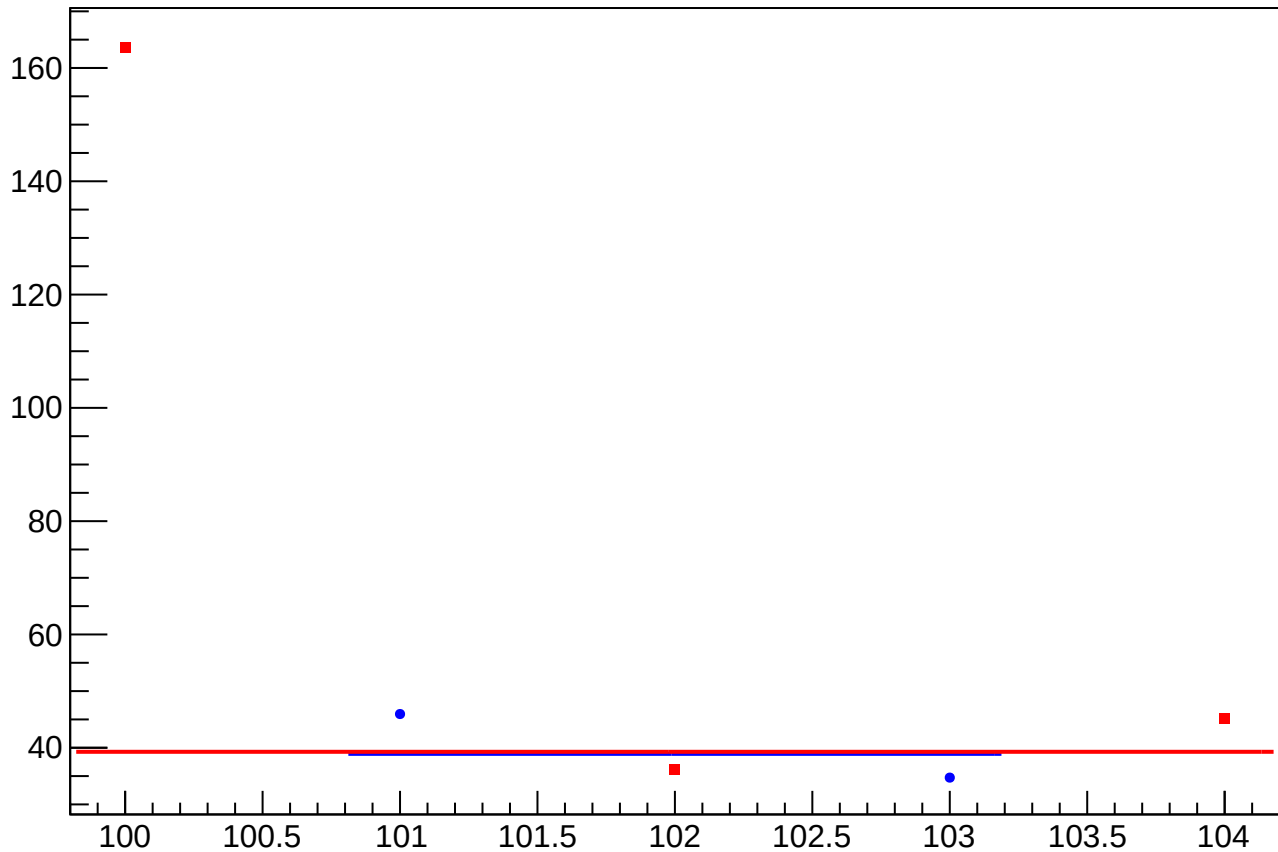
Right: -0.018+/-0.026 χ^2/NDF : 13.3/4

In: -0.023+/-0.035 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.026 χ^2/NDF : 13.3/4

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: 39.287+/-0.027 χ^2/NDF : 107887.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

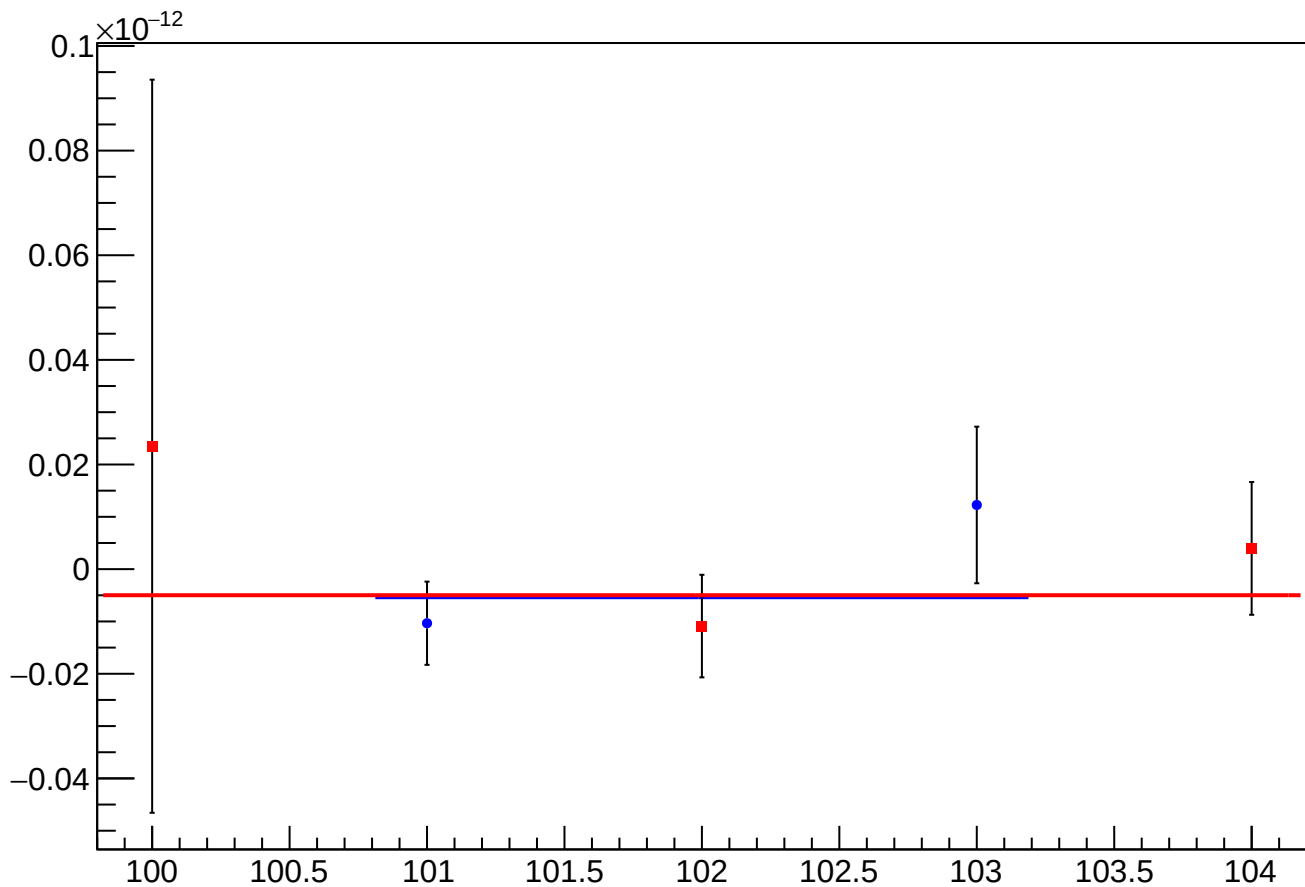
Right: 39.093+/-0.018 χ^2/NDF : 154989.0/4

In: 38.924+/-0.025 χ^2/NDF : 47003.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.093+/-0.018 χ^2/NDF : 154989.0/4

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: 1.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

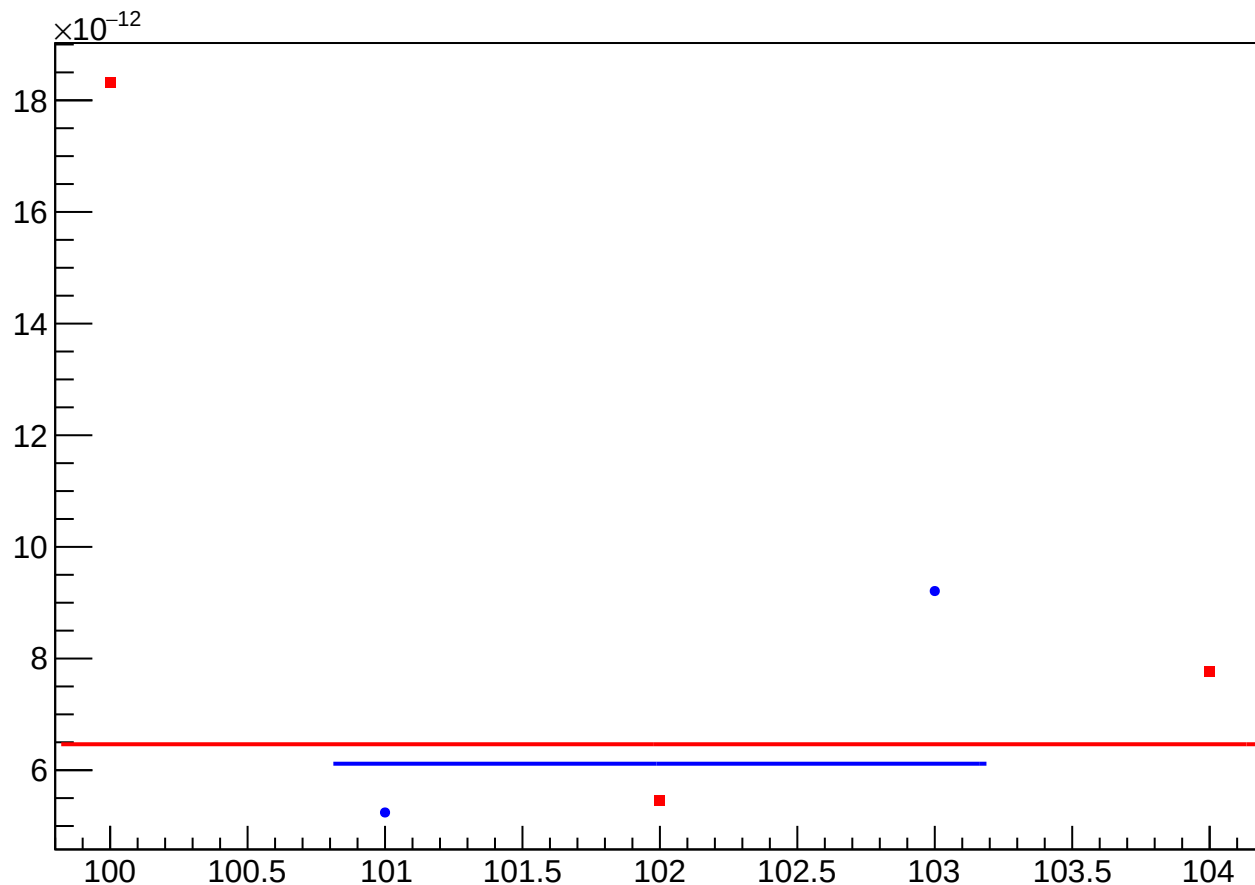
Right: -0.000+/-0.000 χ^2 /NDF: 2.8/4

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: 2.8/4

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 : 99102.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

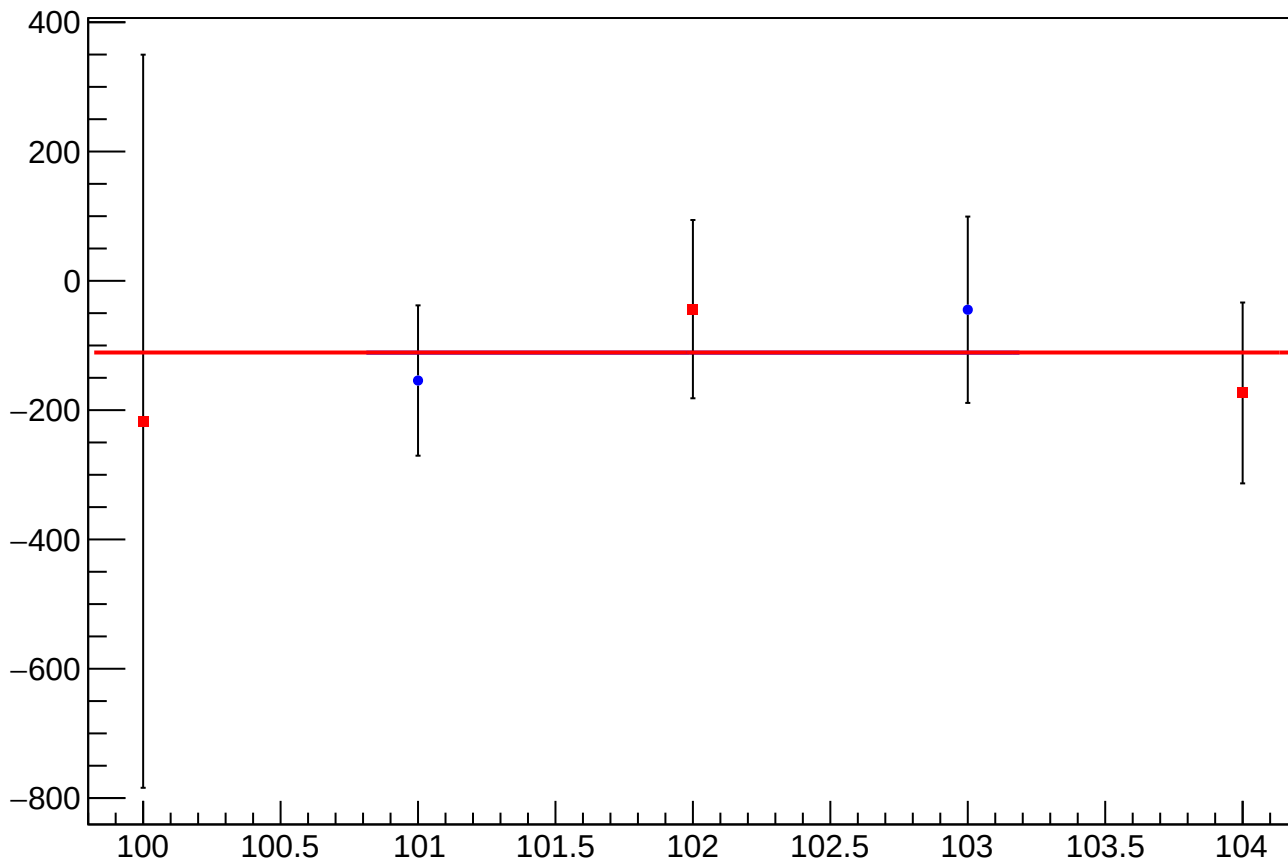
Right: 0.000+/-0.000 χ^2/NDF : 210906.0/4

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 : 210906.0/4

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -111.034+/-90.487 χ^2/NDF : 0.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.855+/-96.749 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

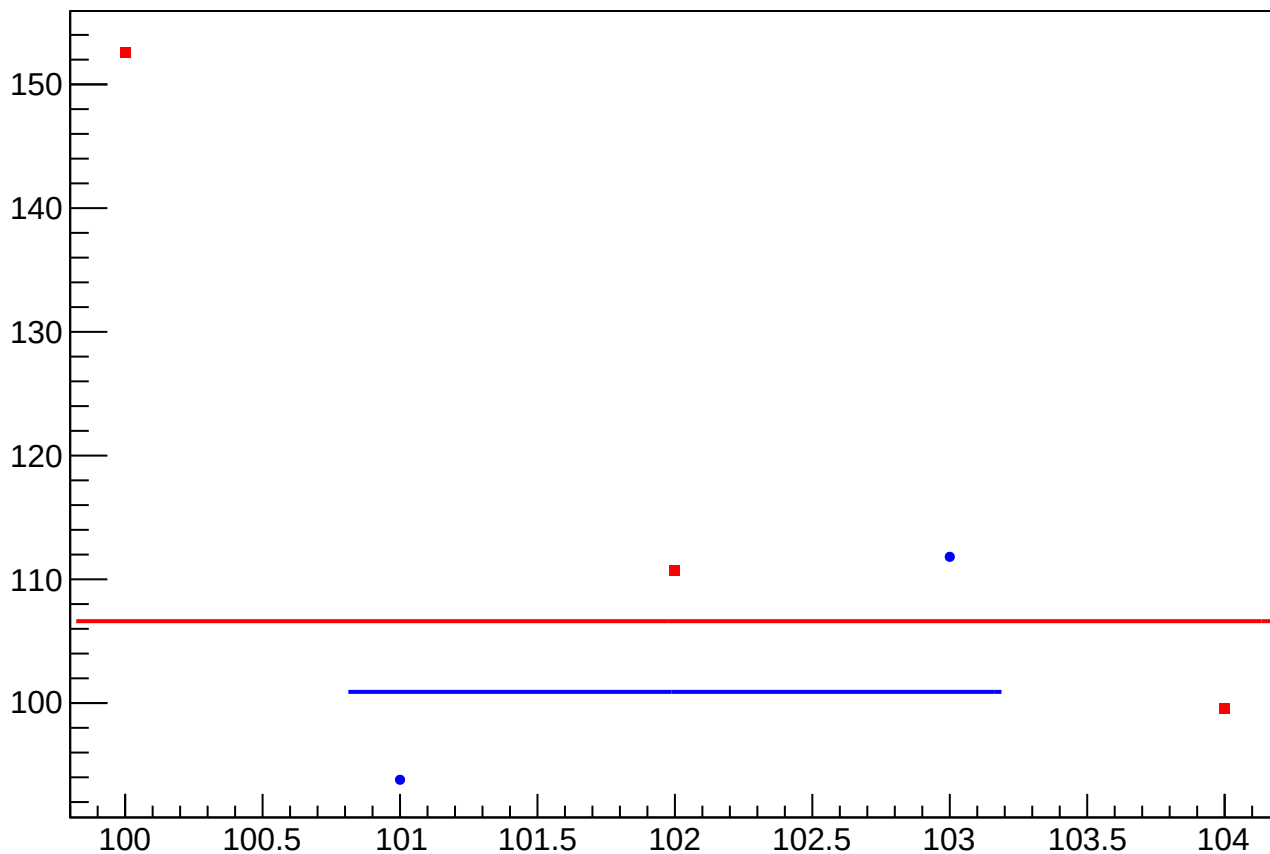
Right: -110.950+/-66.087 χ^2/NDF : 0.8/4

In: -111.034+/-90.487 χ^2/NDF : 0.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.950+/-66.087 χ^2/NDF : 0.8/4

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: 106.618 $\pm$ 0.068 χ^2 /NDF: 19971.5/2

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

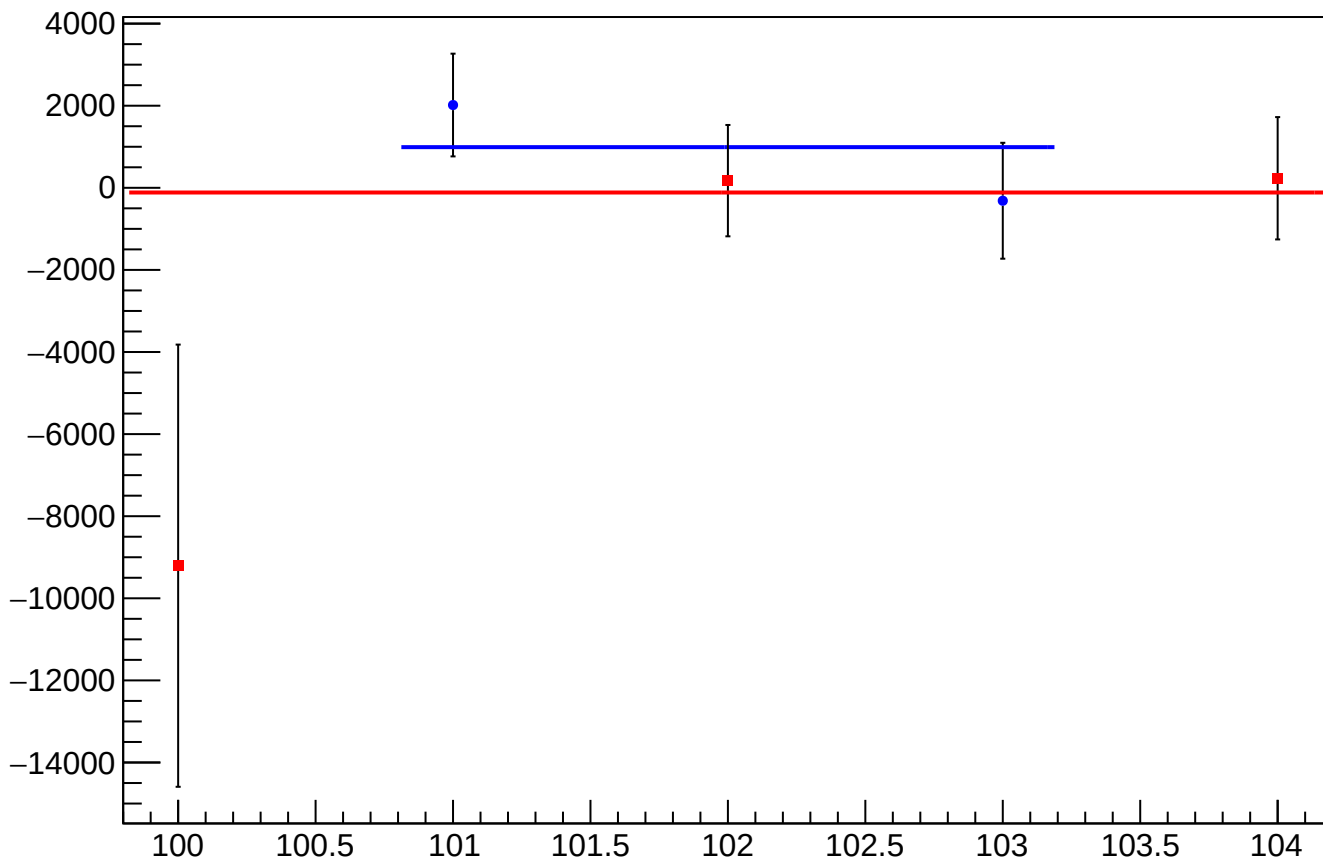
Right: 103.571 $\pm$ 0.047 χ^2 /NDF: 42634.2/4

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: 103.571 $\pm$ 0.047 χ^2 /NDF: 42634.2/4

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 990.638+/-936.420 χ^2/NDF : 1.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -114.400+/-986.064 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

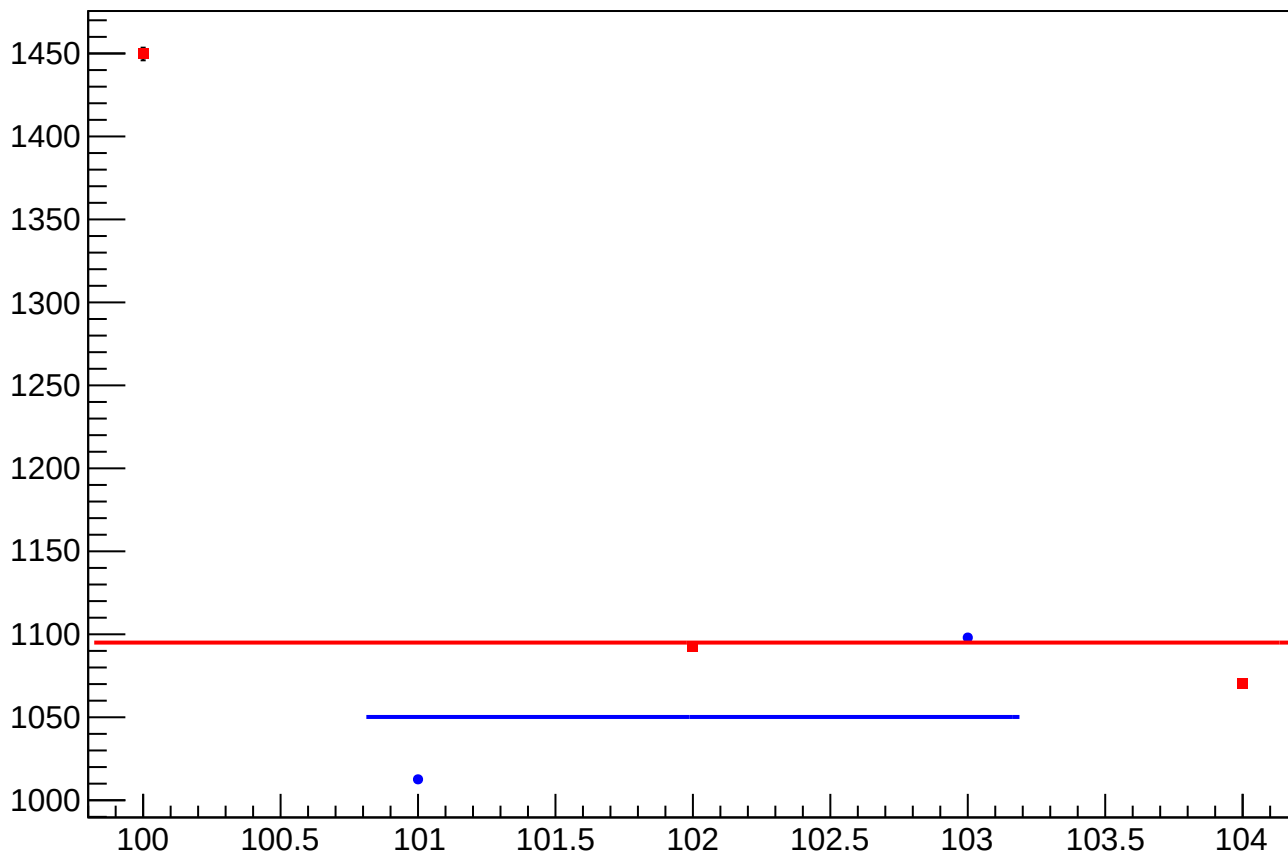
Right: 466.635+/-679.021 χ^2/NDF : 5.1/4

In: 990.638+/-936.420 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.635+/-679.021 χ^2/NDF : 5.1/4

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: 1095.009+/-0.697 χ^2/NDF : 9217.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

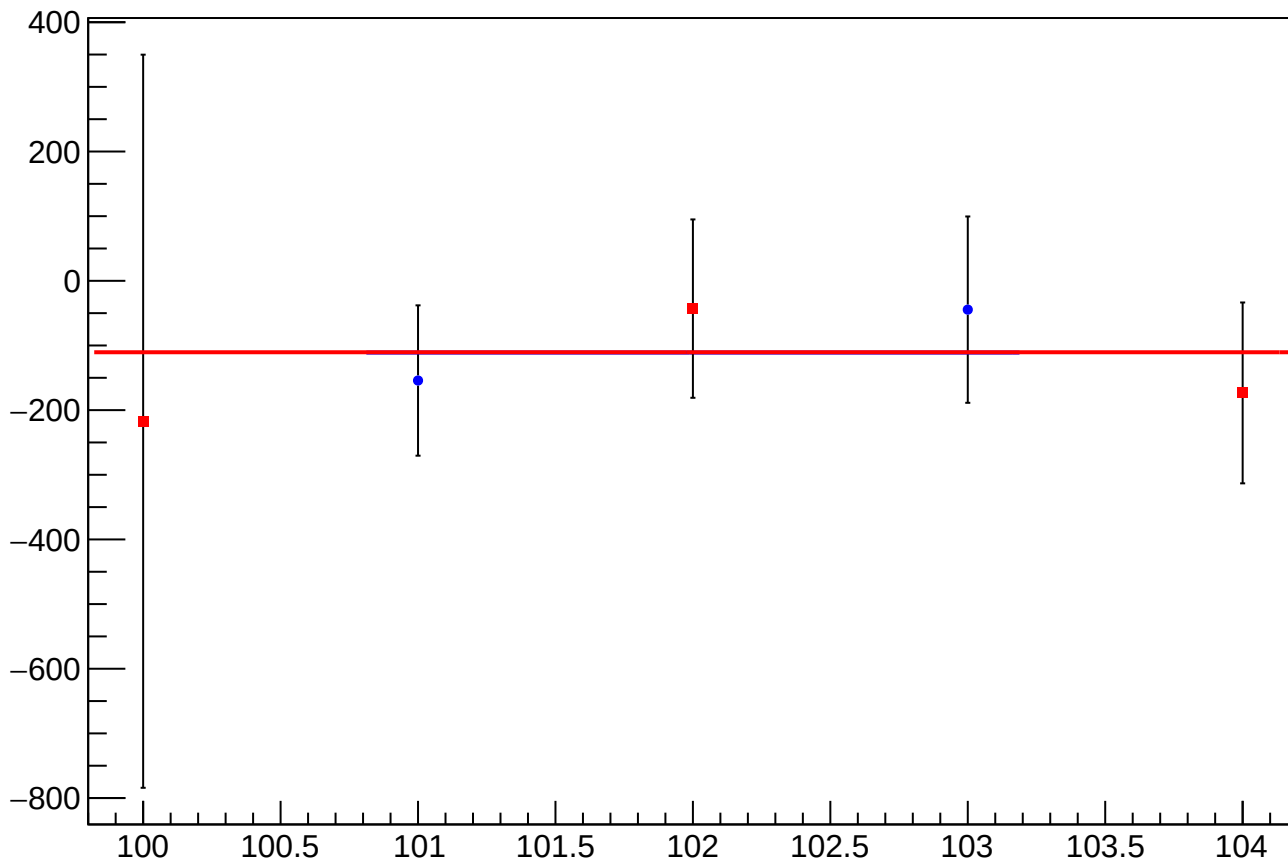
Right: 1071.442+/-0.480 χ^2/NDF : 15490.8/4

In: 1050.189+/-0.662 χ^2/NDF : 4100.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.442+/-0.480 χ^2/NDF : 15490.8/4

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: -110.478+/-96.776 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

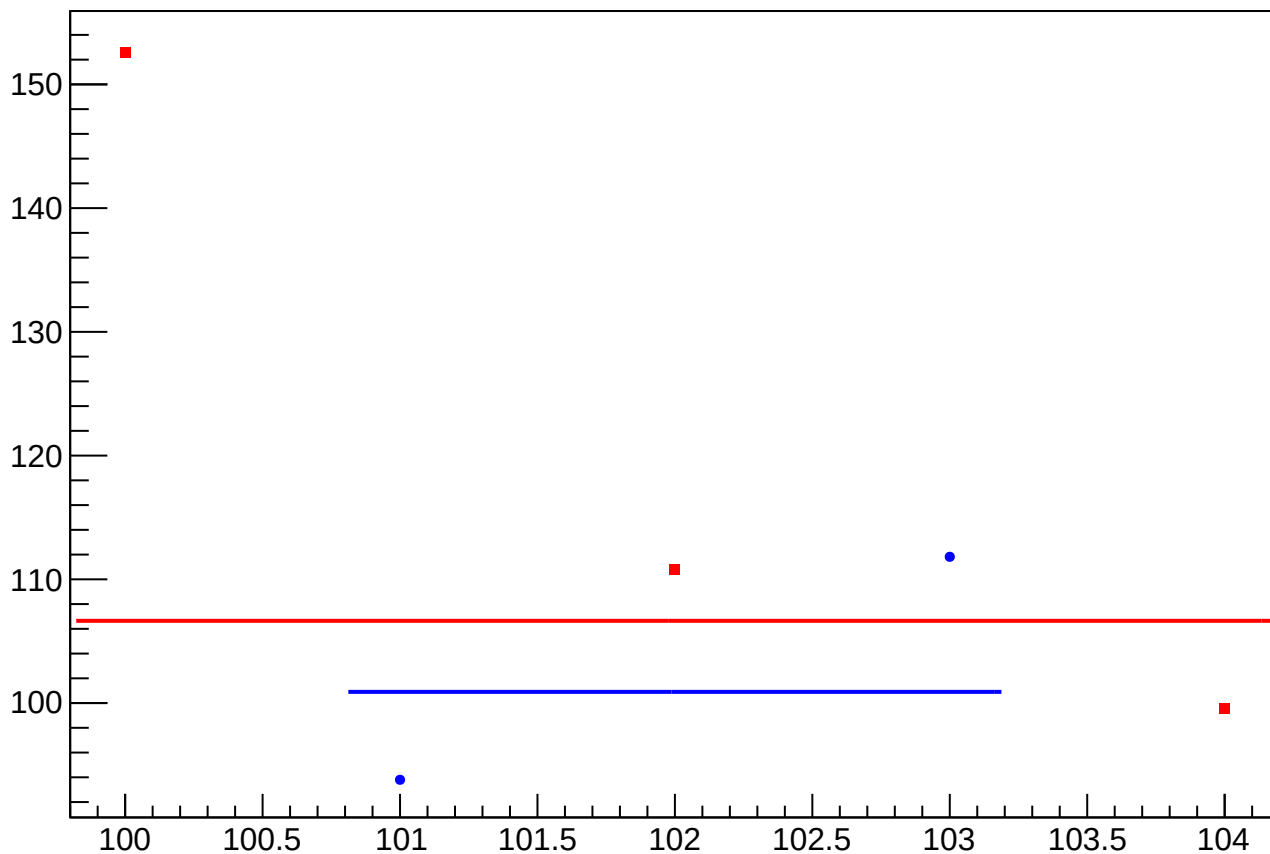
Right: -110.742+/-66.096 χ^2/NDF : 0.8/4

In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.742+/-66.096 χ^2/NDF : 0.8/4

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: 106.648 $\pm$ 0.068 χ^2 /NDF: 20022.9/2

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

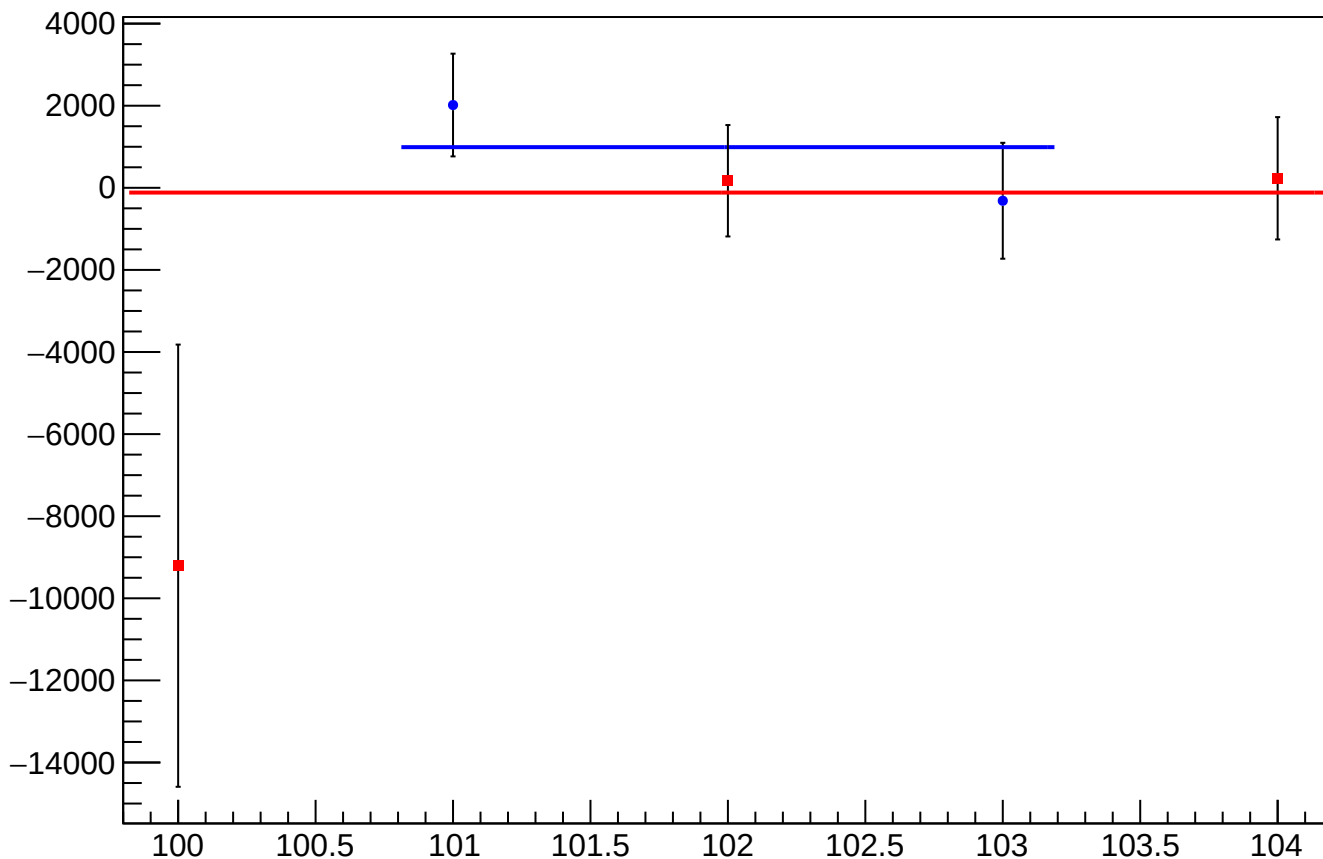
Right: 103.584 $\pm$ 0.047 χ^2 /NDF: 42723.3/4

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: 103.584 $\pm$ 0.047 χ^2 /NDF: 42723.3/4

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: -116.193+/-986.379 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

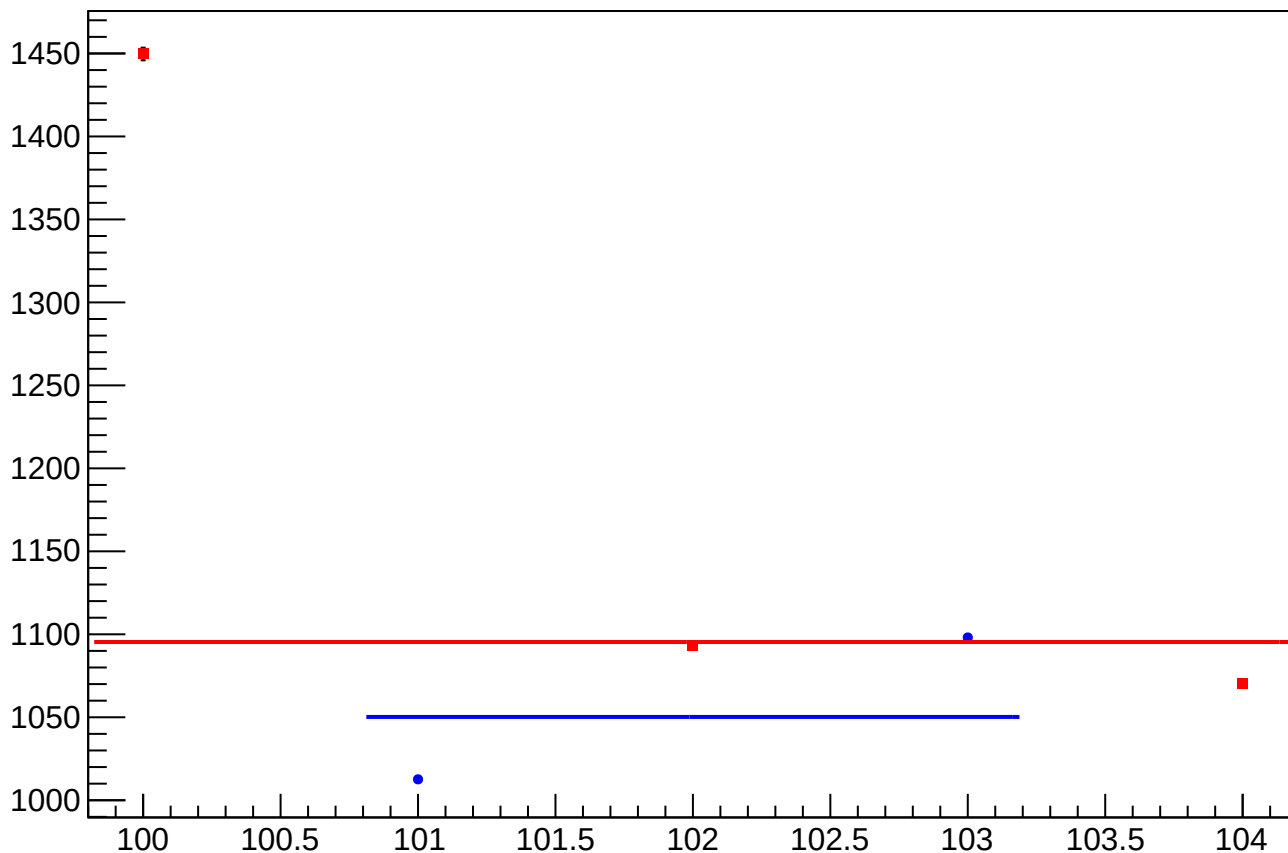
Right: 465.864+/-679.132 χ^2/NDF : 5.1/4

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.864+/-679.132 χ^2/NDF : 5.1/4

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: 1095.360+/-0.697 χ^2/NDF : 9212.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

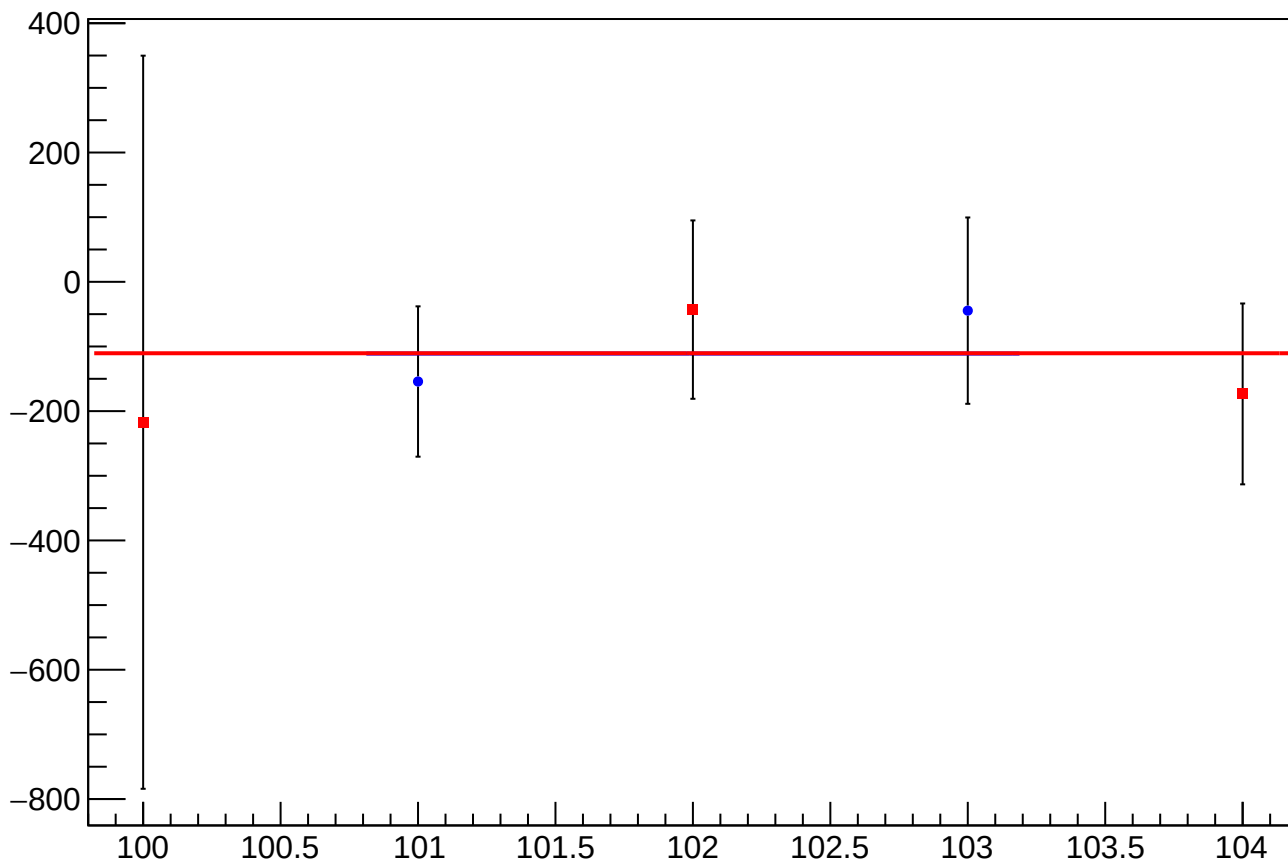
Right: 1071.614+/-0.480 χ^2/NDF : 15522.1/4

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.614+/-0.480 χ^2/NDF : 15522.1/4

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: -110.478+/-96.776 χ^2/NDF : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

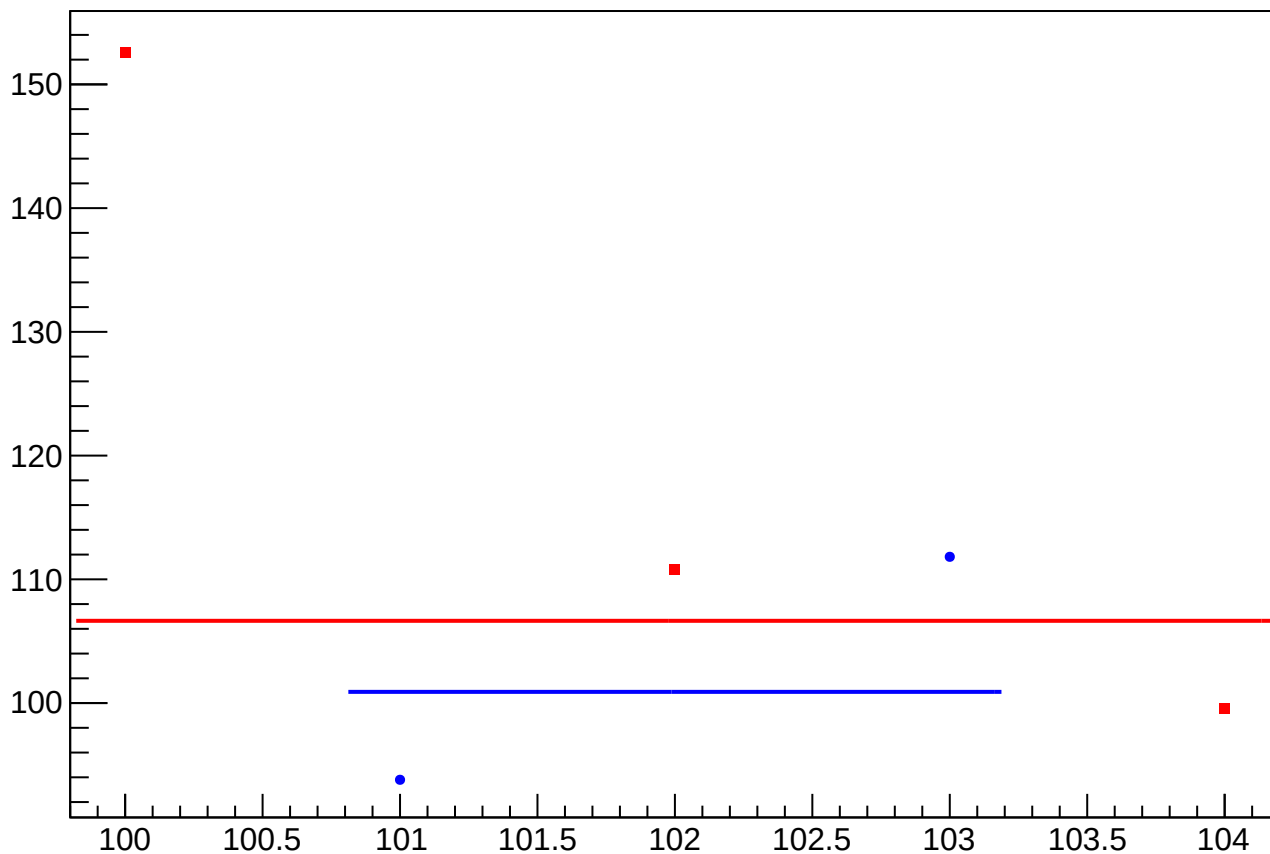
Right: -110.742+/-66.096 χ^2/NDF : 0.8/4

In: -110.973+/-90.488 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.742+/-66.096 χ^2/NDF : 0.8/4

eigen_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: 106.648+/-0.068 χ^2/NDF : 20022.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

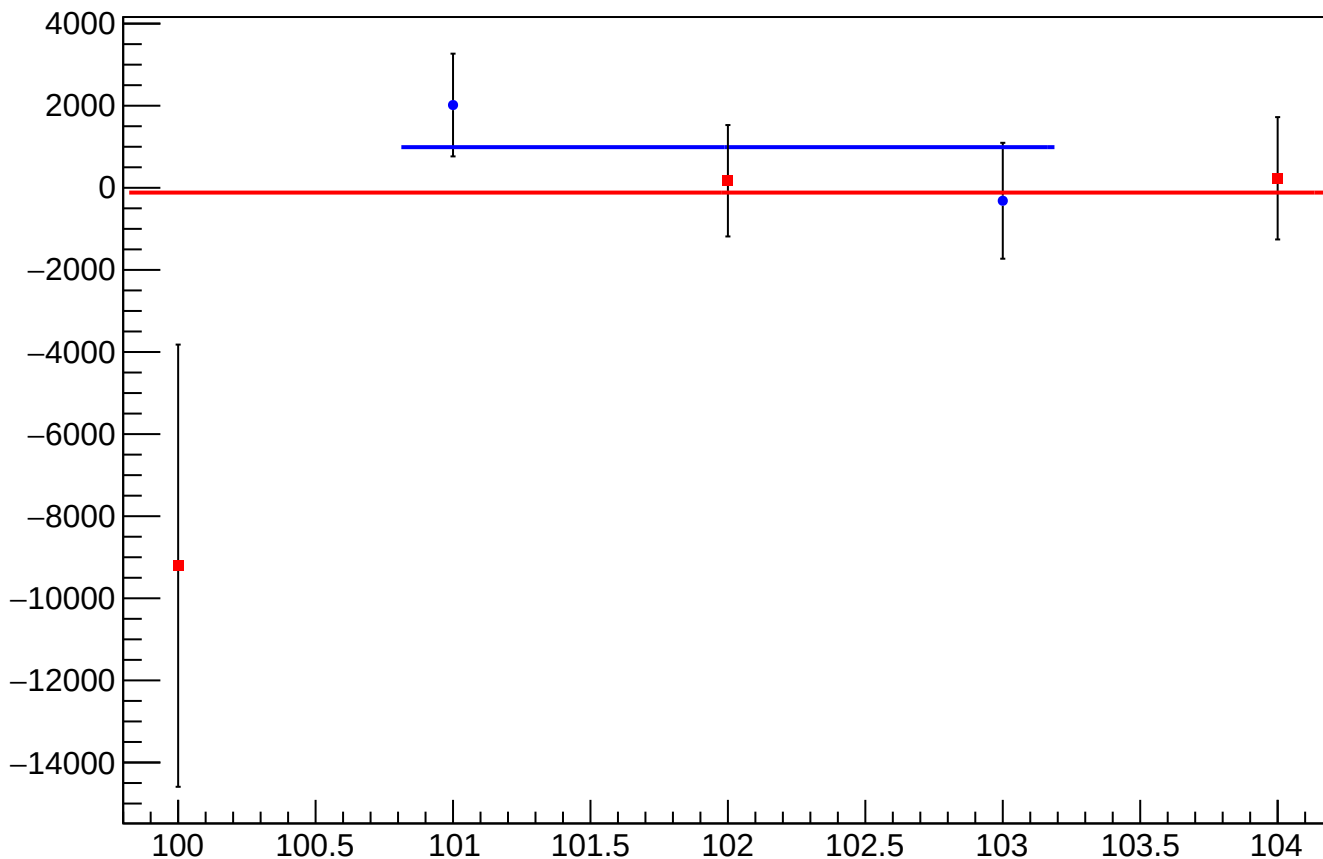
Right: 103.584+/-0.047 χ^2/NDF : 42723.3/4

In: 100.906+/-0.064 χ^2/NDF : 18943.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.584+/-0.047 χ^2/NDF : 42723.3/4

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: -116.193+/-986.379 χ^2/NDF : 2.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

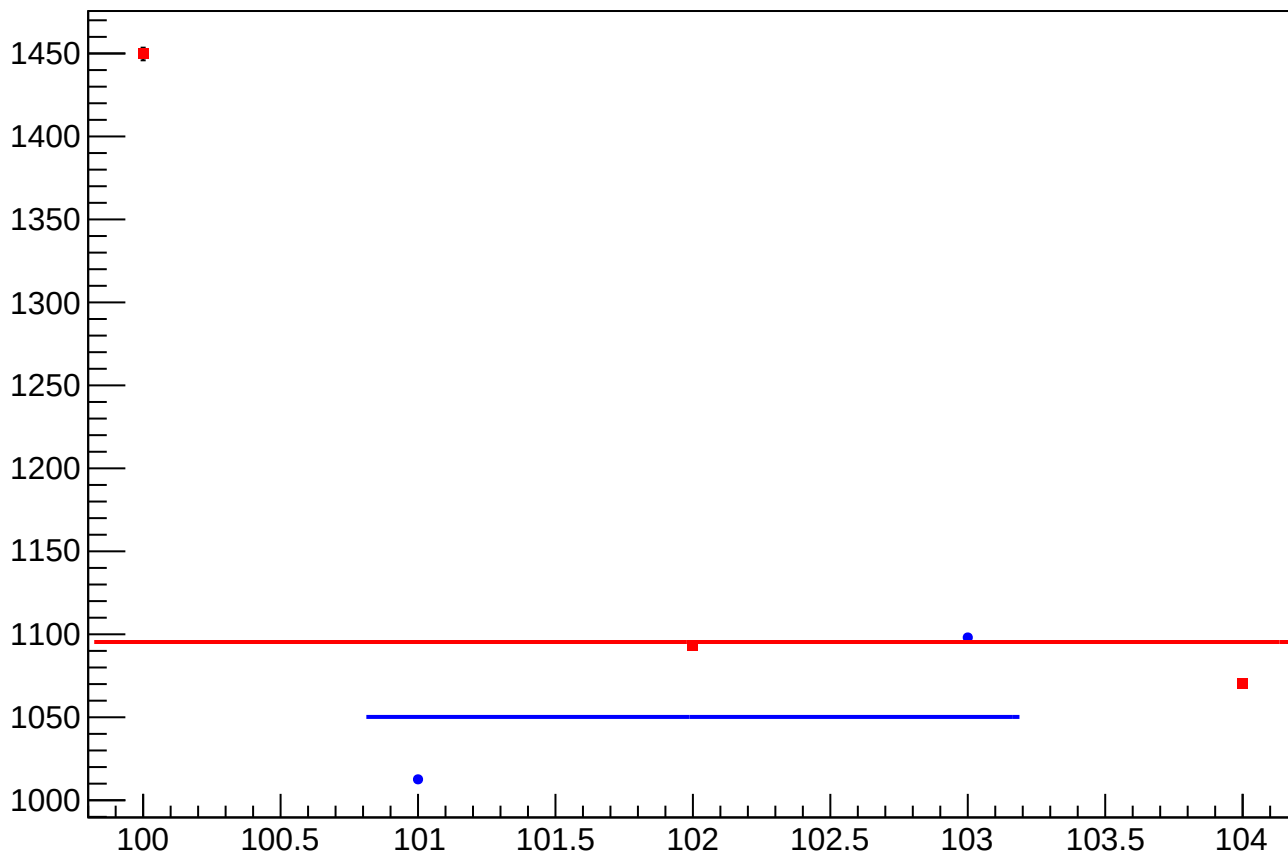
Right: 465.864+/-679.132 χ^2/NDF : 5.1/4

In: 990.477+/-936.442 χ^2/NDF : 1.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.864+/-679.132 χ^2/NDF : 5.1/4

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: 1095.360+/-0.697 χ^2/NDF : 9212.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

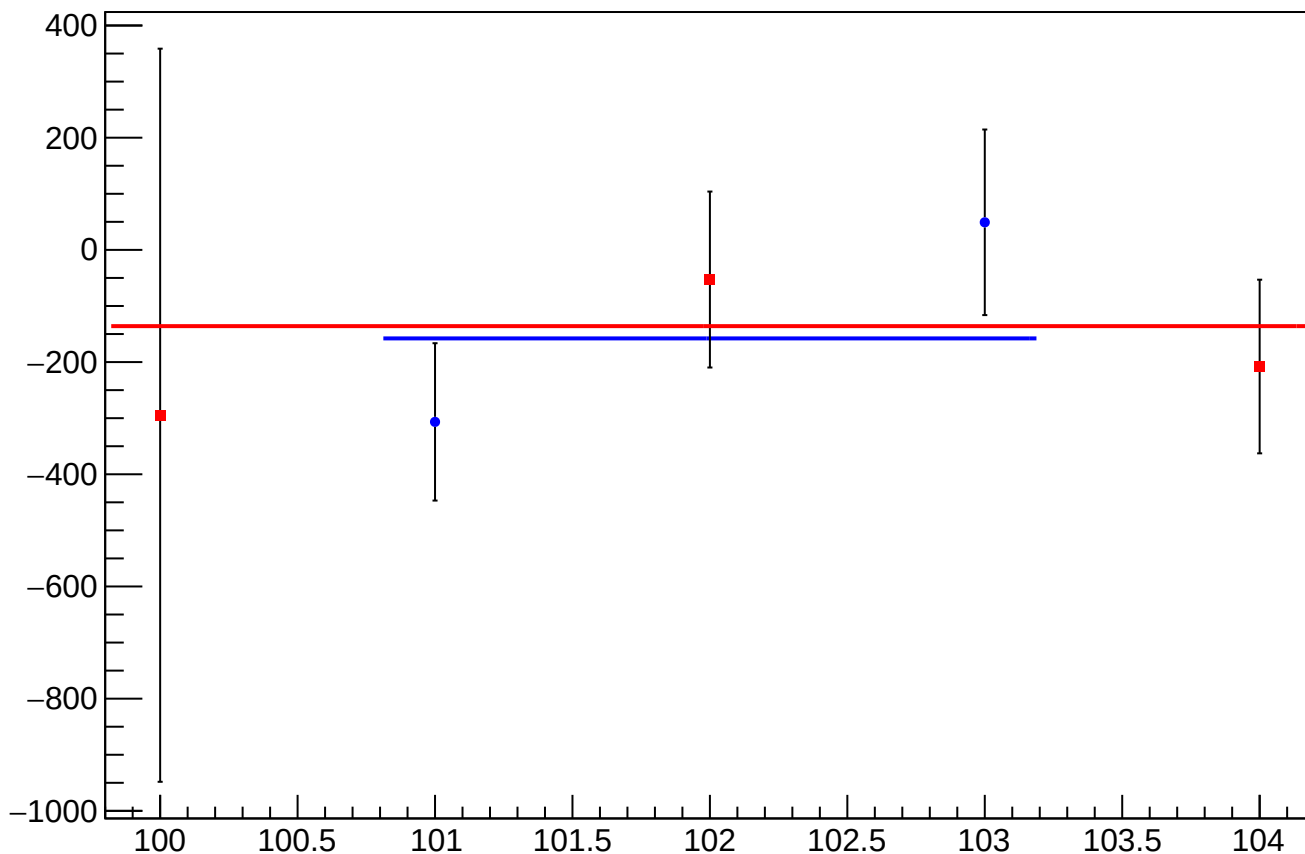
Right: 1071.614+/-0.480 χ^2/NDF : 15522.1/4

In: 1050.211+/-0.662 χ^2/NDF : 4105.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1071.614+/-0.480 χ^2/NDF : 15522.1/4

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: -135.923 $\pm$ 108.627 χ^2 /NDF: 0.6/2

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

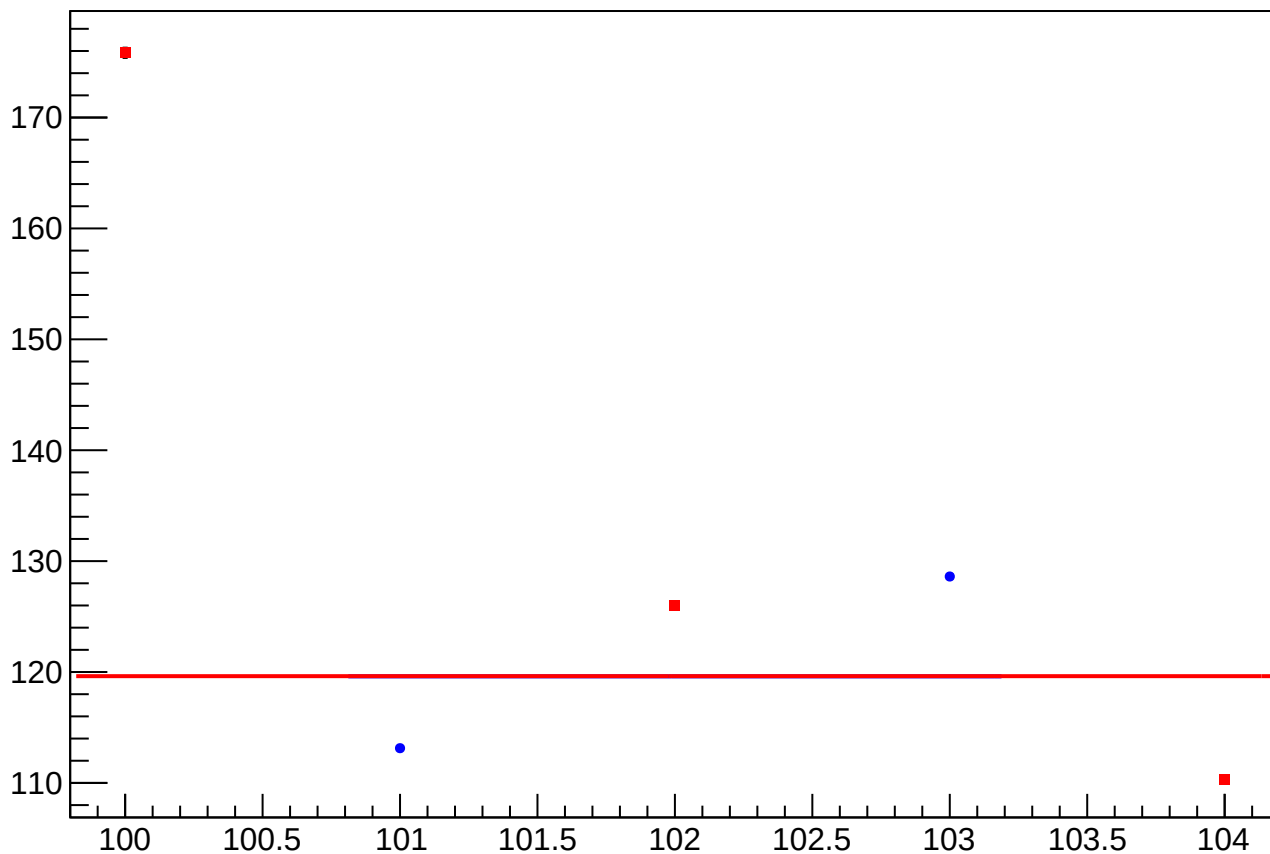
Right: -147.030 $\pm$ 76.219 χ^2 /NDF: 3.3/4

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: -147.030 $\pm$ 76.219 χ^2 /NDF: 3.3/4

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: 119.626 $\pm$ 0.077 χ^2 /NDF: 25326.6/2

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

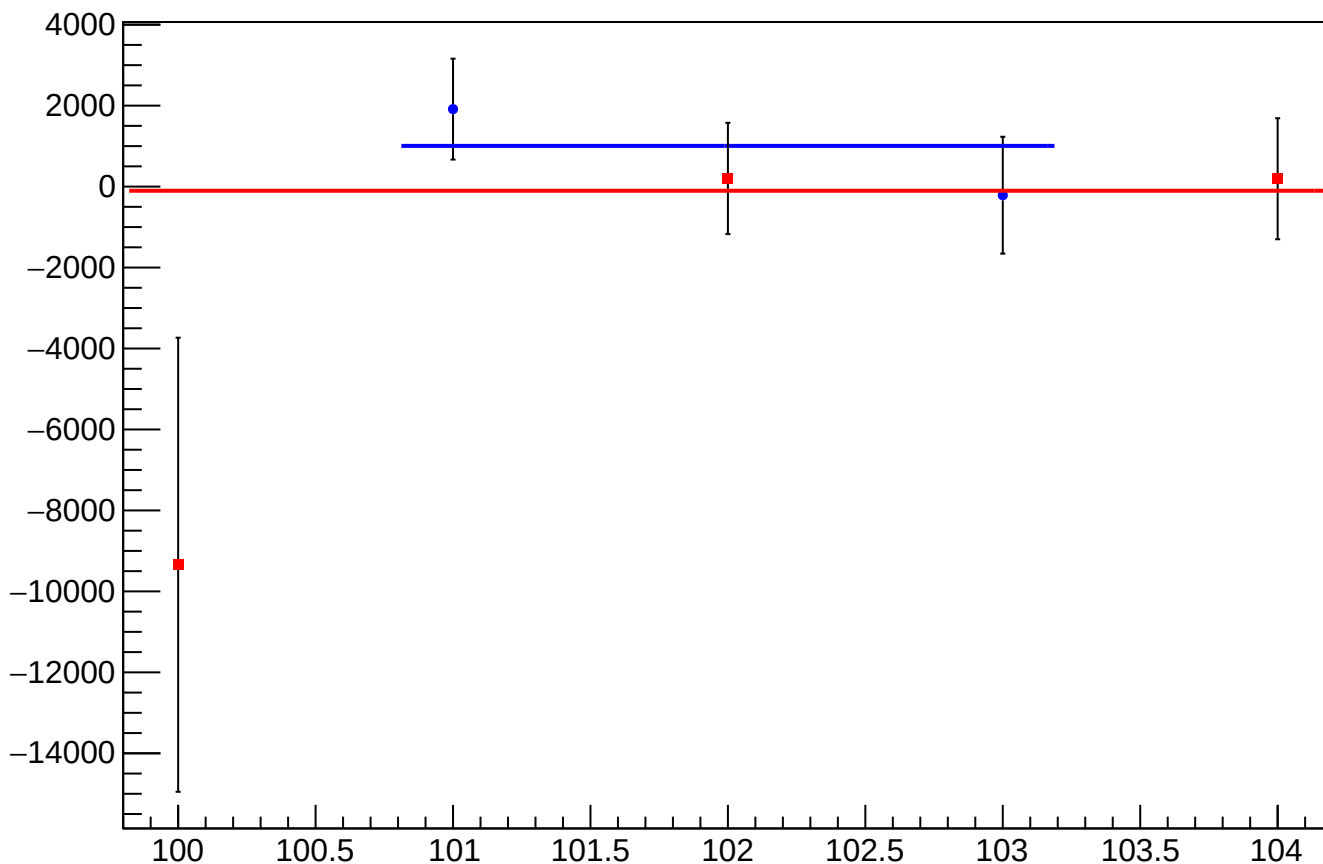
Right: 119.617 $\pm$ 0.054 χ^2 /NDF: 35518.4/4

In: 119.608 $\pm$ 0.076 χ^2 /NDF: 10191.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.617 $\pm$ 0.054 χ^2 /NDF: 35518.4/4

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: -102.580 $\pm$ 995.674 χ^2 /NDF: 2.8/2

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

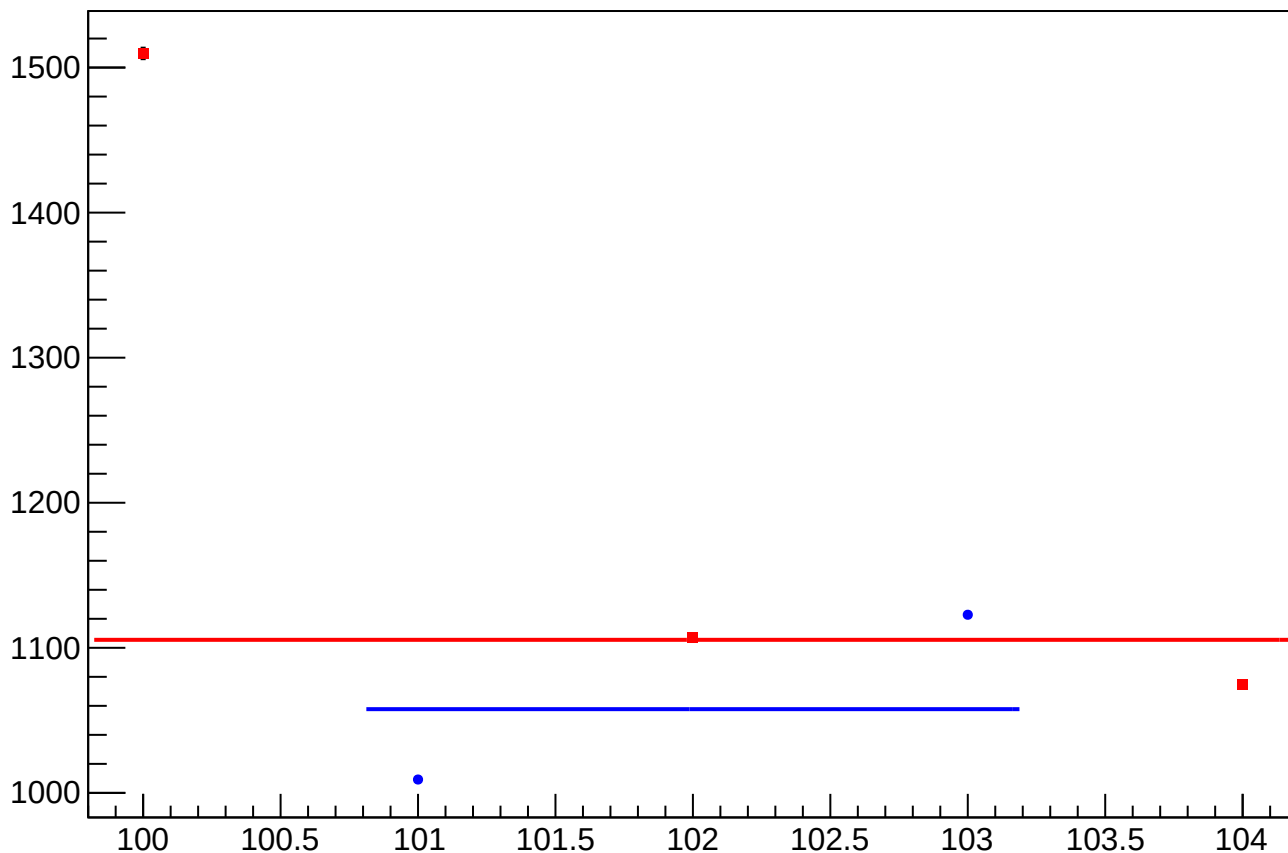
Right: 481.694 $\pm$ 684.747 χ^2 /NDF: 4.7/4

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: 481.694 $\pm$ 684.747 χ^2 /NDF: 4.7/4

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: 1105.507+/-0.704 χ^2/NDF : 11249.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

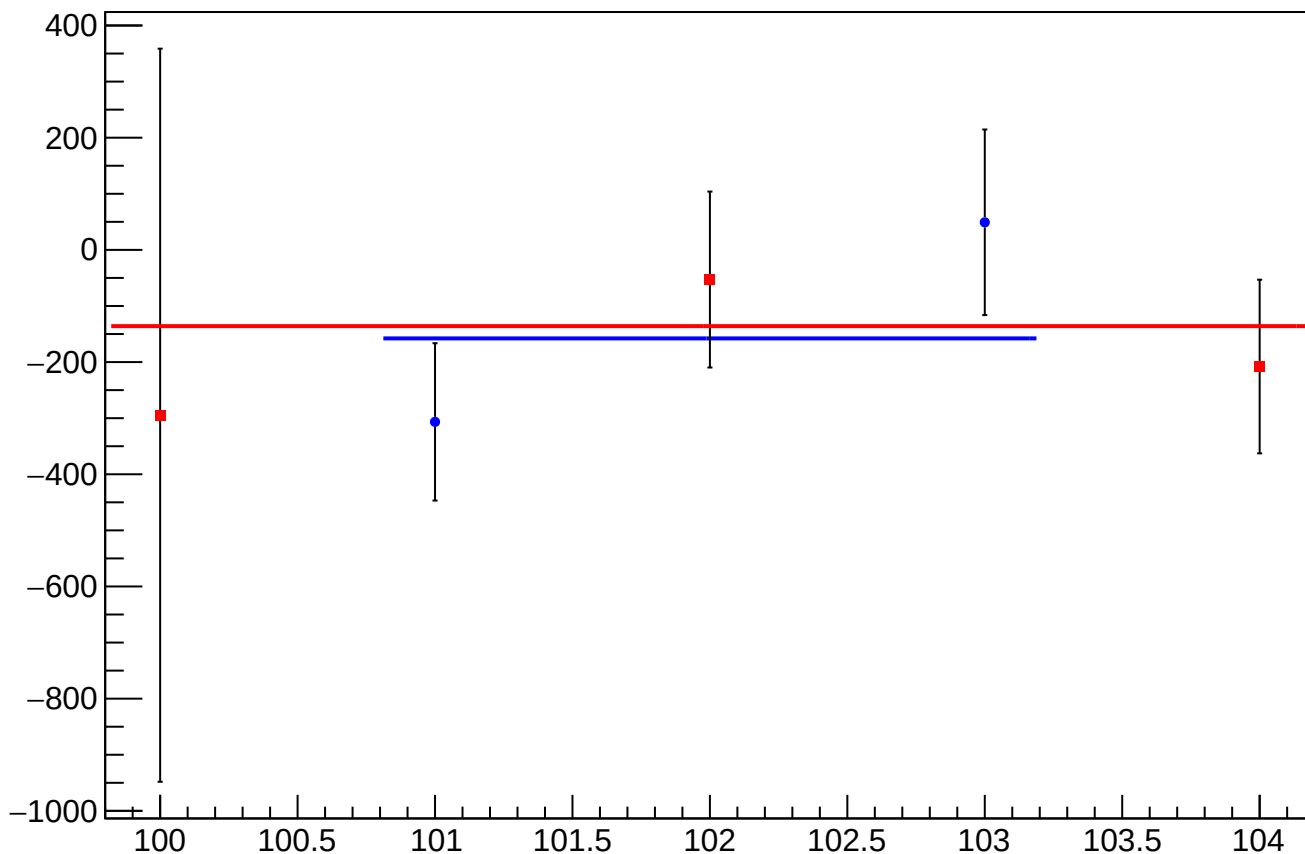
Right: 1080.319+/-0.484 χ^2/NDF : 20774.6/4

In: 1057.715+/-0.667 χ^2/NDF : 7096.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.319+/-0.484 χ^2/NDF : 20774.6/4

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -157.798+/-106.971 χ^2 /NDF: 2.7/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -135.927+/-108.627 χ^2 /NDF: 0.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

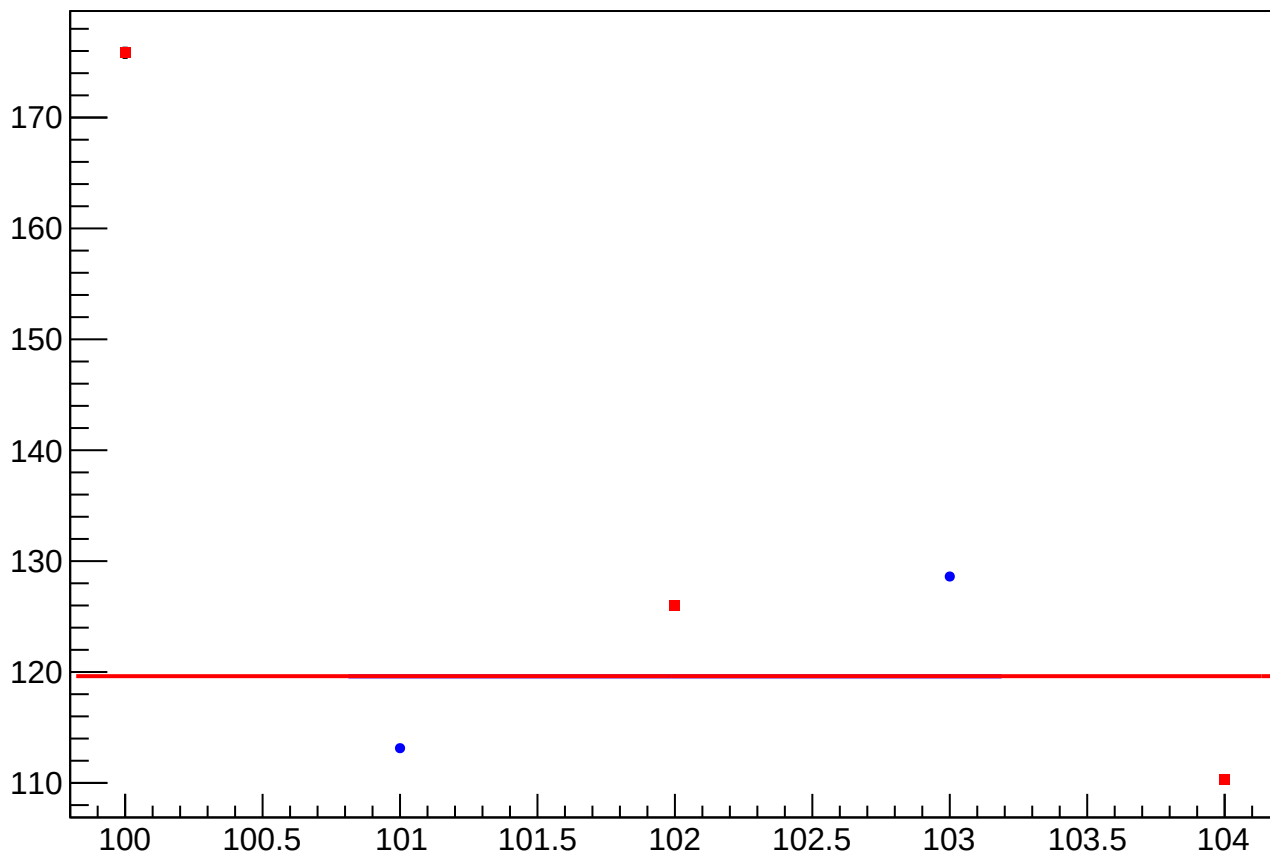
Right: -147.030+/-76.218 χ^2 /NDF: 3.3/4

In: -157.798+/-106.971 χ^2 /NDF:2.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -147.030+/-76.218 χ^2 /NDF: 3.3/4

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: 119.626 $\pm$ 0.077 χ^2 /NDF: 25326.1/2

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

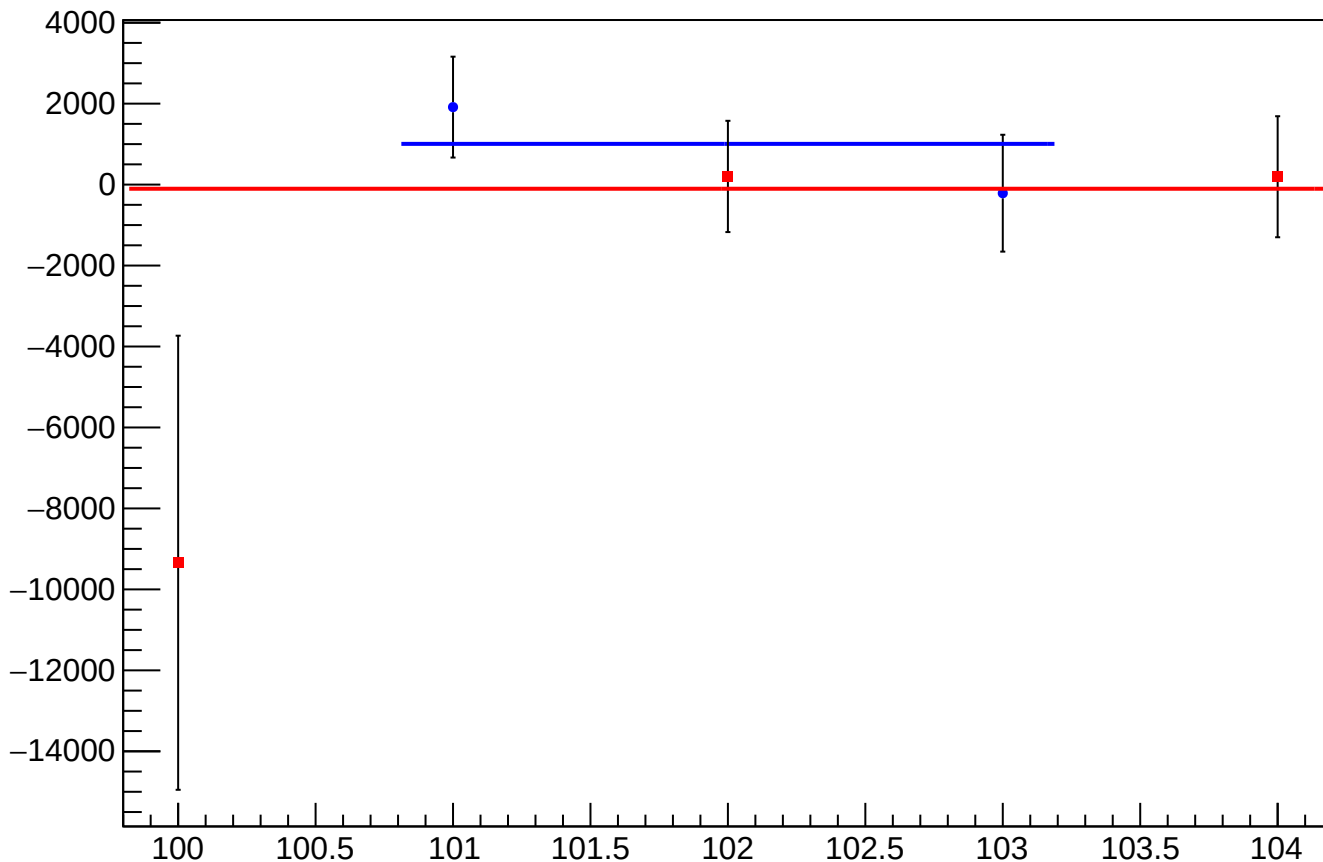
Right: 119.616 $\pm$ 0.054 χ^2 /NDF: 35516.8/4

In: 119.607 $\pm$ 0.076 χ^2 /NDF:10190.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.616 $\pm$ 0.054 χ^2 /NDF: 35516.8/4

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: -102.580 $\pm$ 995.671 χ^2 /NDF: 2.8/2

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

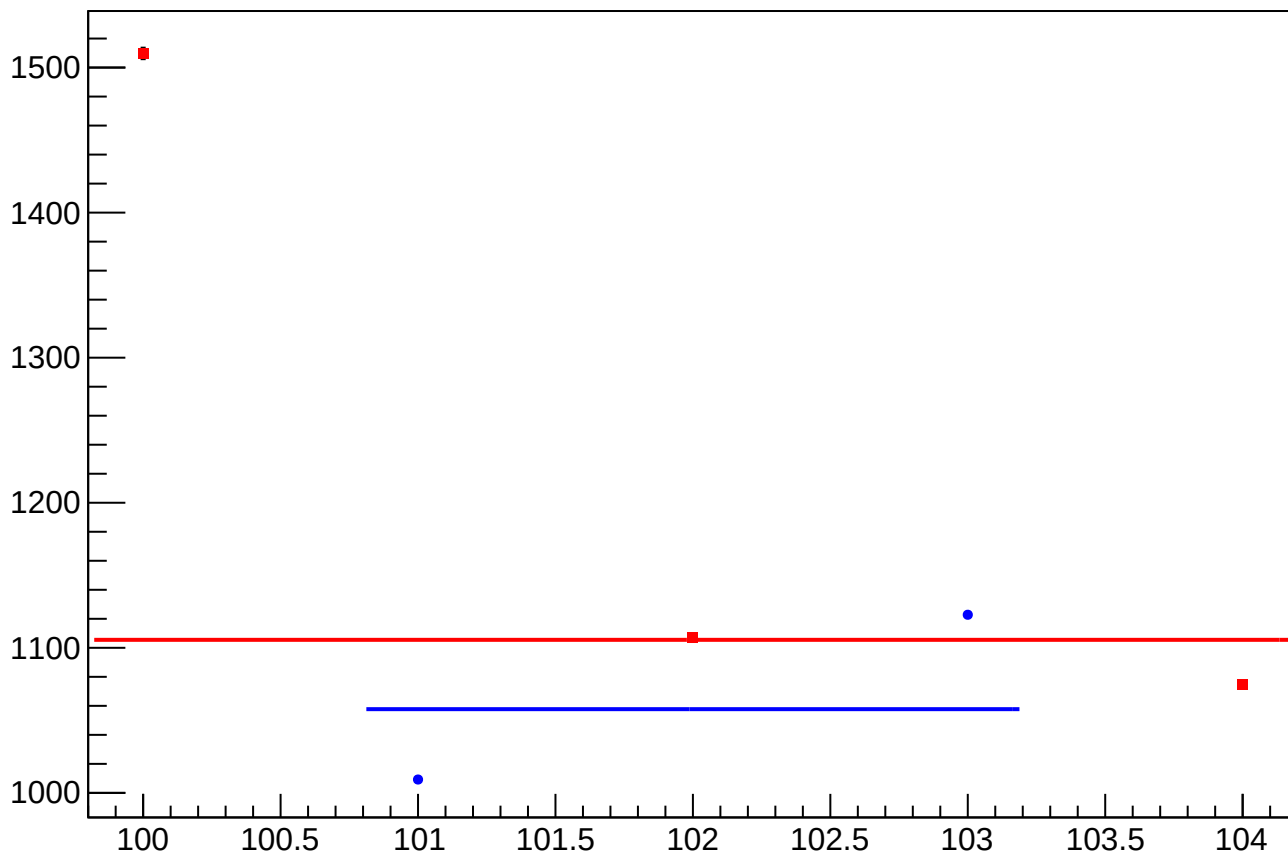
Right: 481.693 $\pm$ 684.745 χ^2 /NDF: 4.7/4

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: 481.693 $\pm$ 684.745 χ^2 /NDF: 4.7/4

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: 1105.503+/-0.704 χ^2/NDF : 11249.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

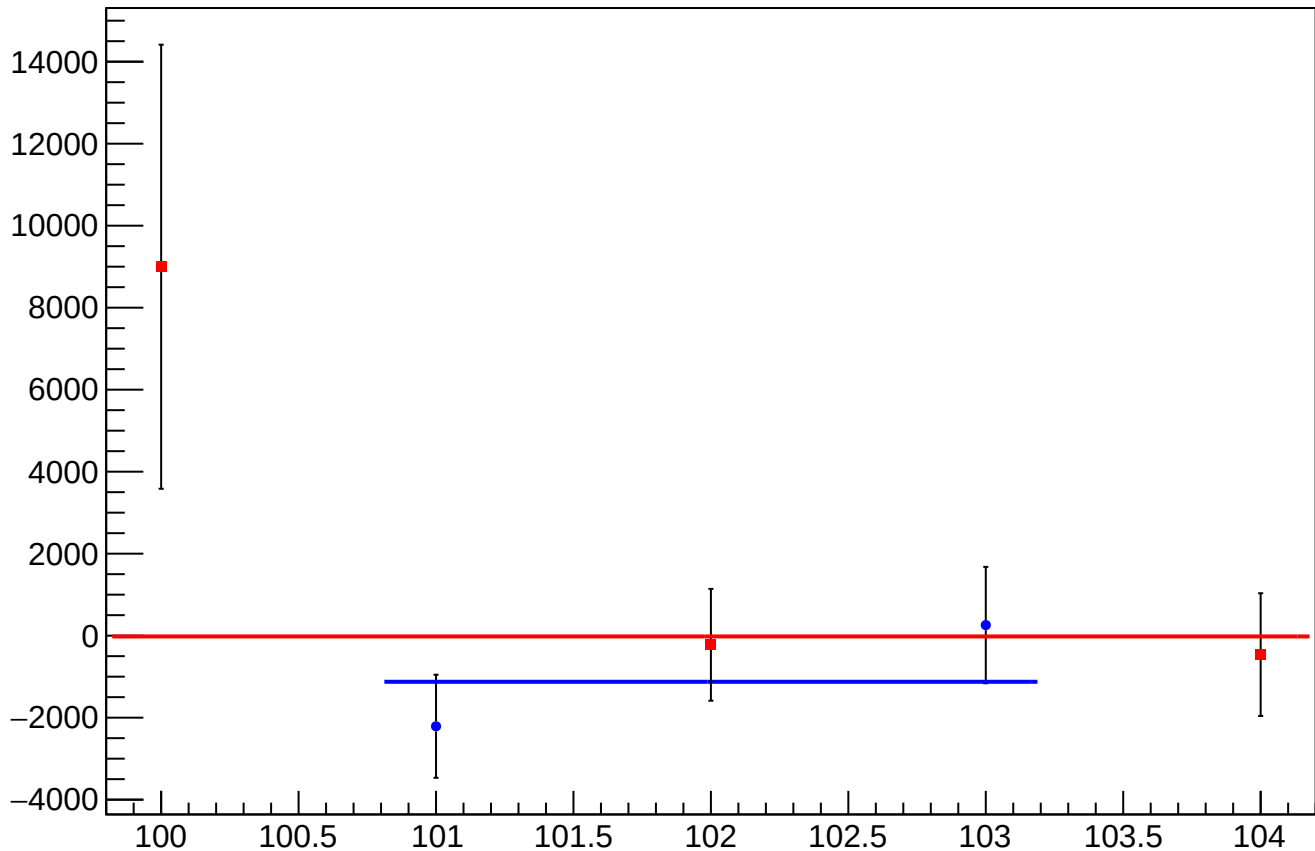
Right: 1080.316+/-0.484 χ^2/NDF : 20774.3/4

In: 1057.713+/-0.667 χ^2/NDF : 7096.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1080.316+/-0.484 χ^2/NDF : 20774.3/4

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -1124.668 $\pm$ 940.973 χ^2 /NDF: 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.887 $\pm$ 991.003 χ^2 /NDF: 2.9/2

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

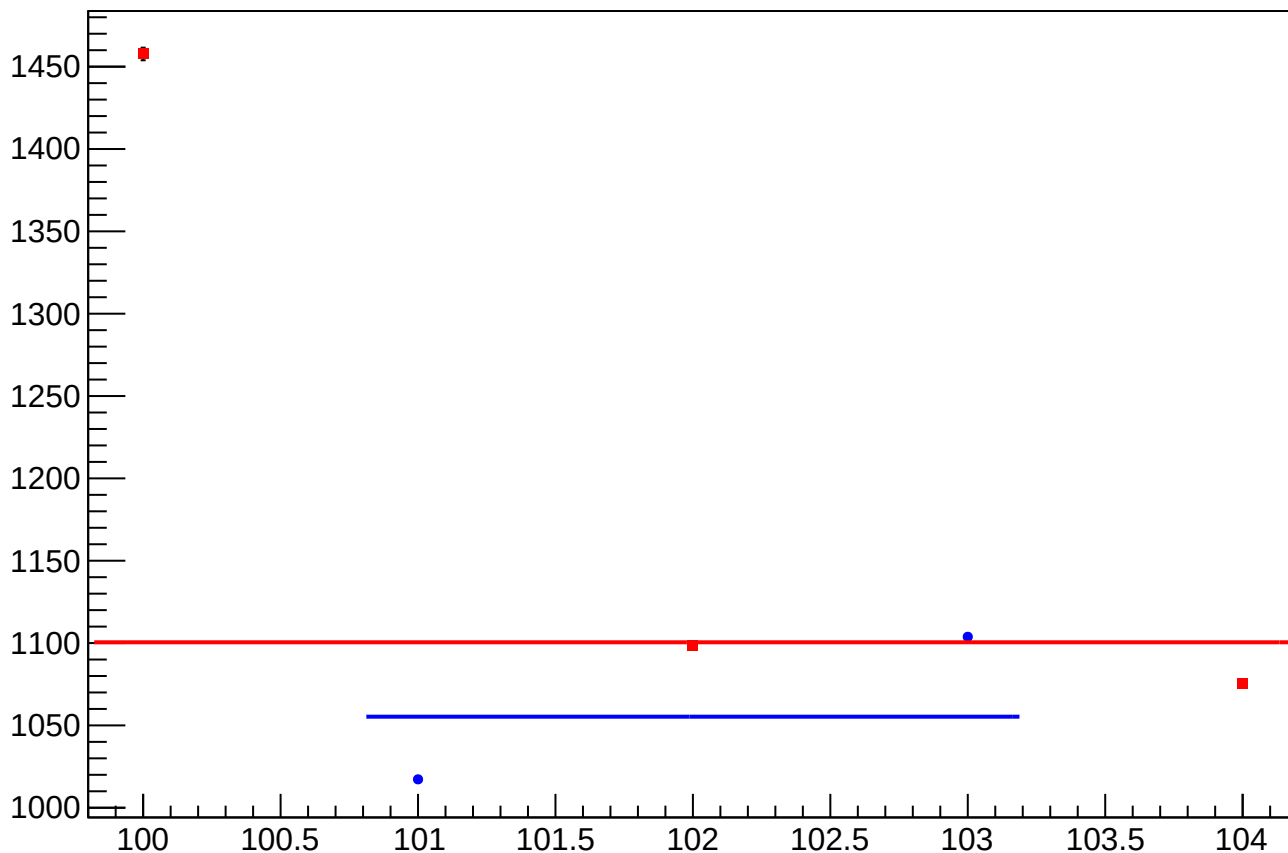
Right: -600.394 $\pm$ 682.370 χ^2 /NDF: 5.2/4

In: -1124.668 $\pm$ 940.973 χ^2 /NDF:1.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -600.394 $\pm$ 682.370 χ^2 /NDF: 5.2/4

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: 1100.473+/-0.701 χ^2/NDF : 9261.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

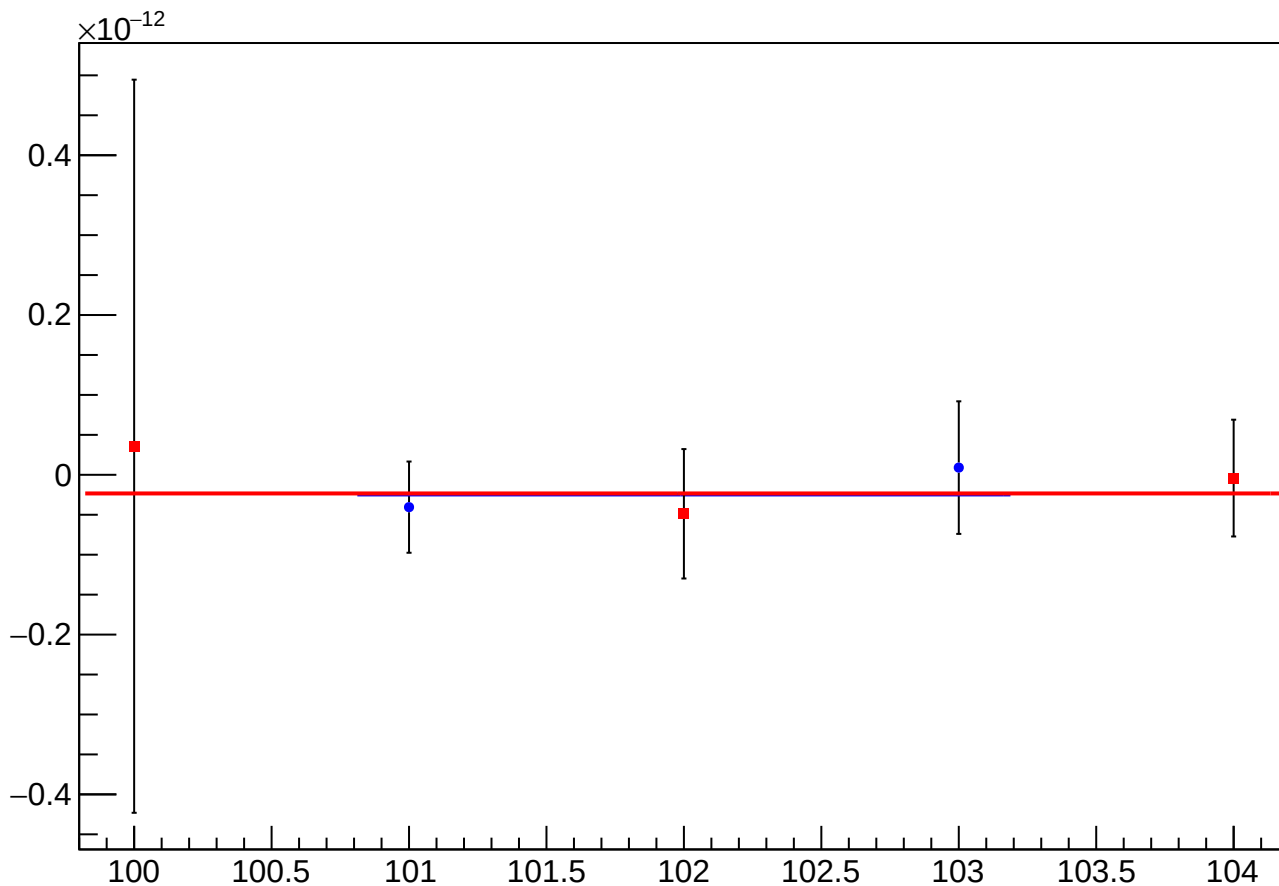
Right: 1076.716+/-0.483 χ^2/NDF : 15614.9/4

In: 1055.297+/-0.665 χ^2/NDF : 4167.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.716+/-0.483 χ^2/NDF : 15614.9/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

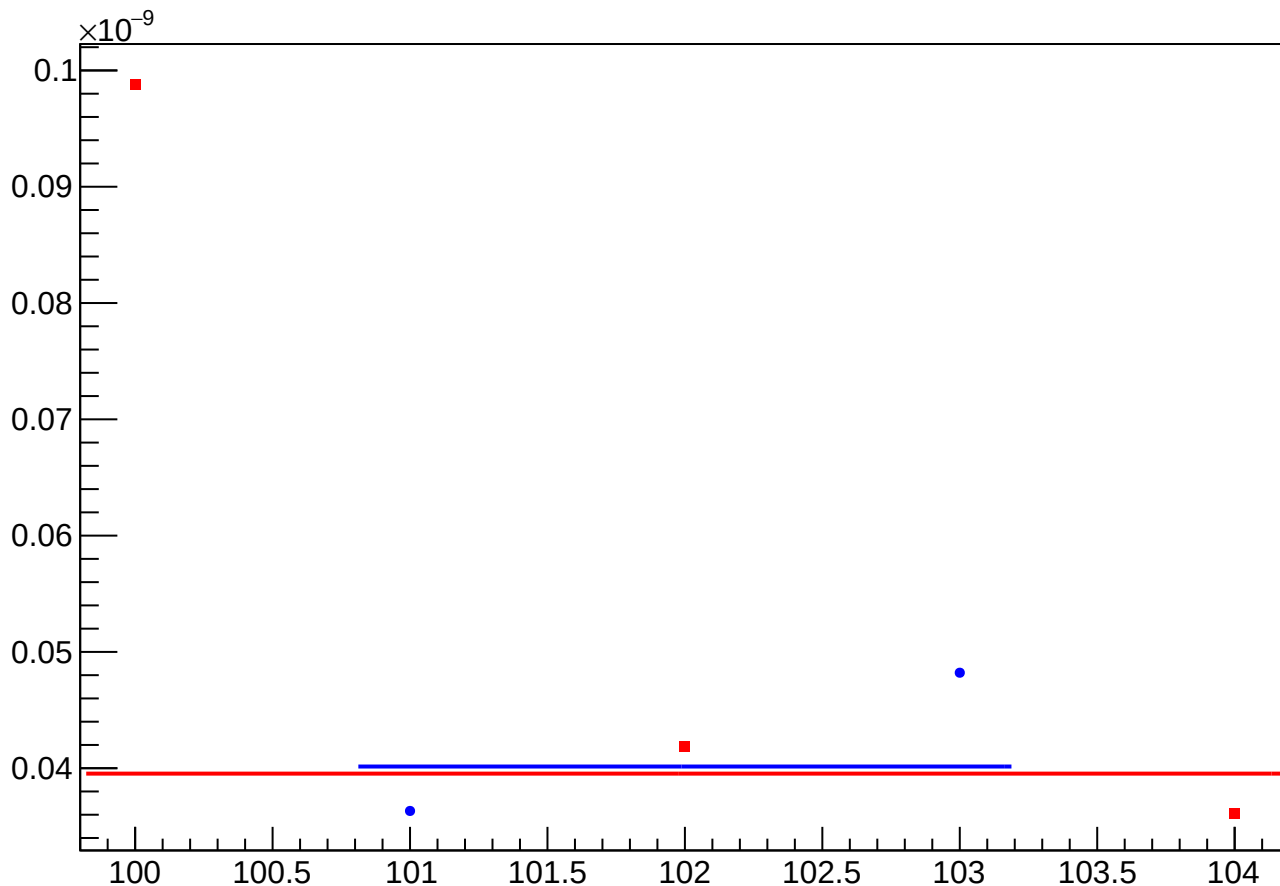
Right: -0.000+/-0.000 χ^2/NDF : 0.4/4

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 : 0.4/4

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 : 39361.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

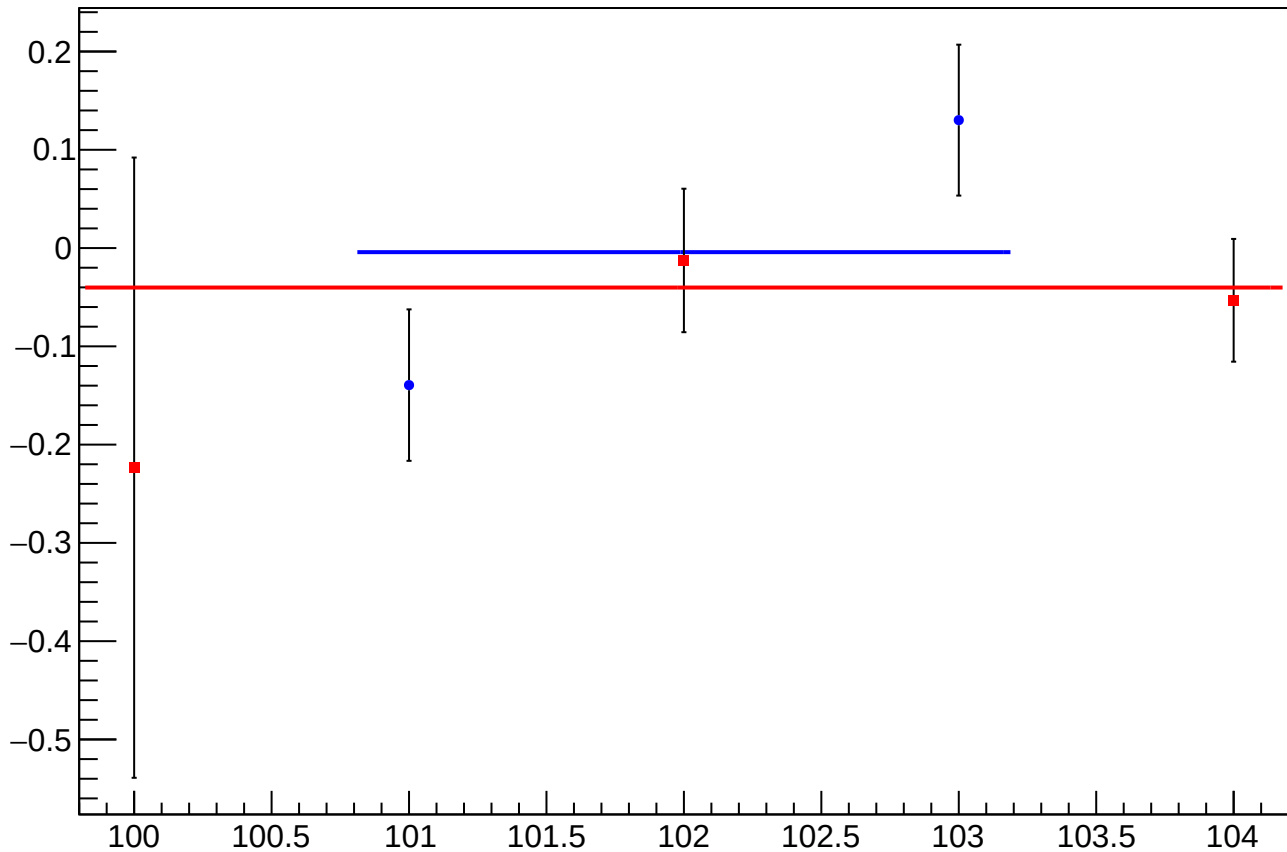
Right: 0.000+/-0.000 χ^2/NDF : 67358.5/4

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 : 67358.5/4

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: -0.040 $\pm$ 0.047 χ^2 /NDF: 0.5/2

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

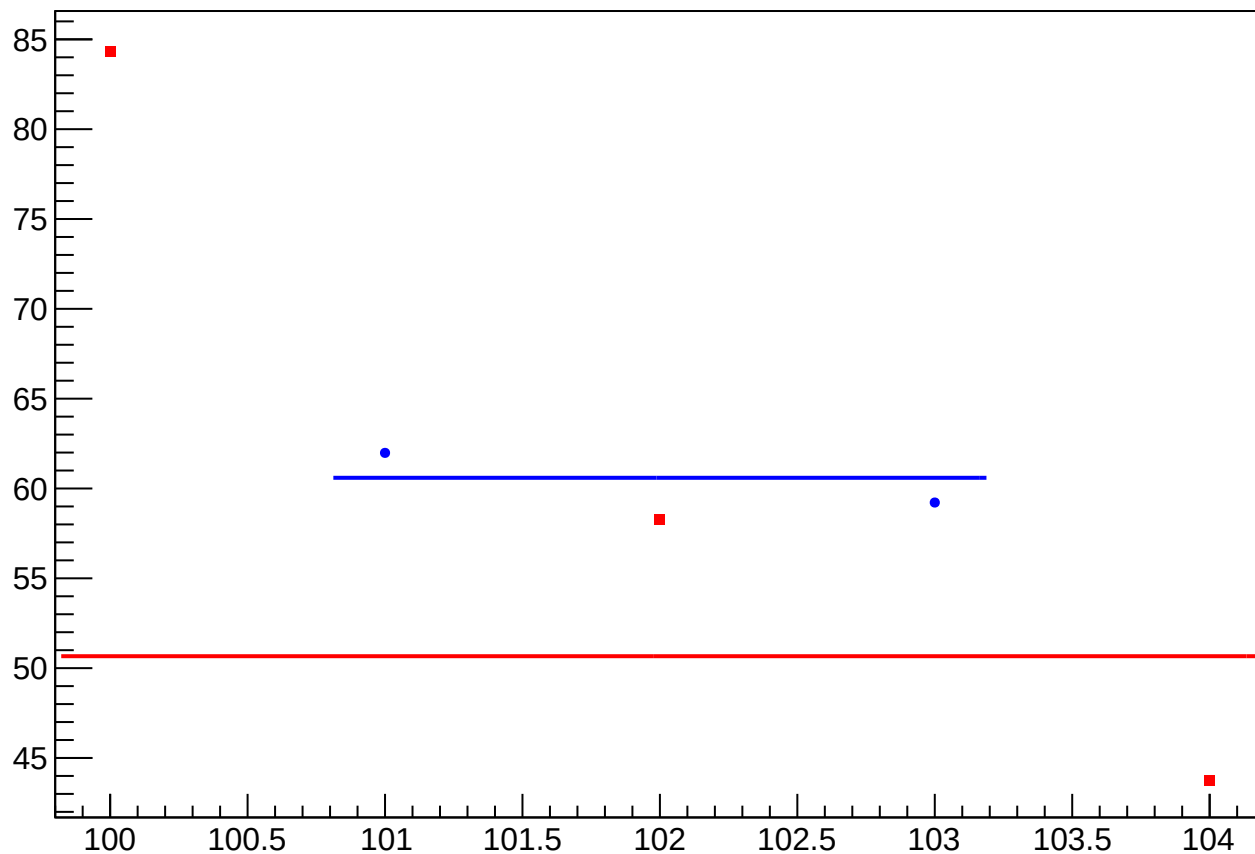
Right: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.665+/-0.033 χ^2/NDF : 68847.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

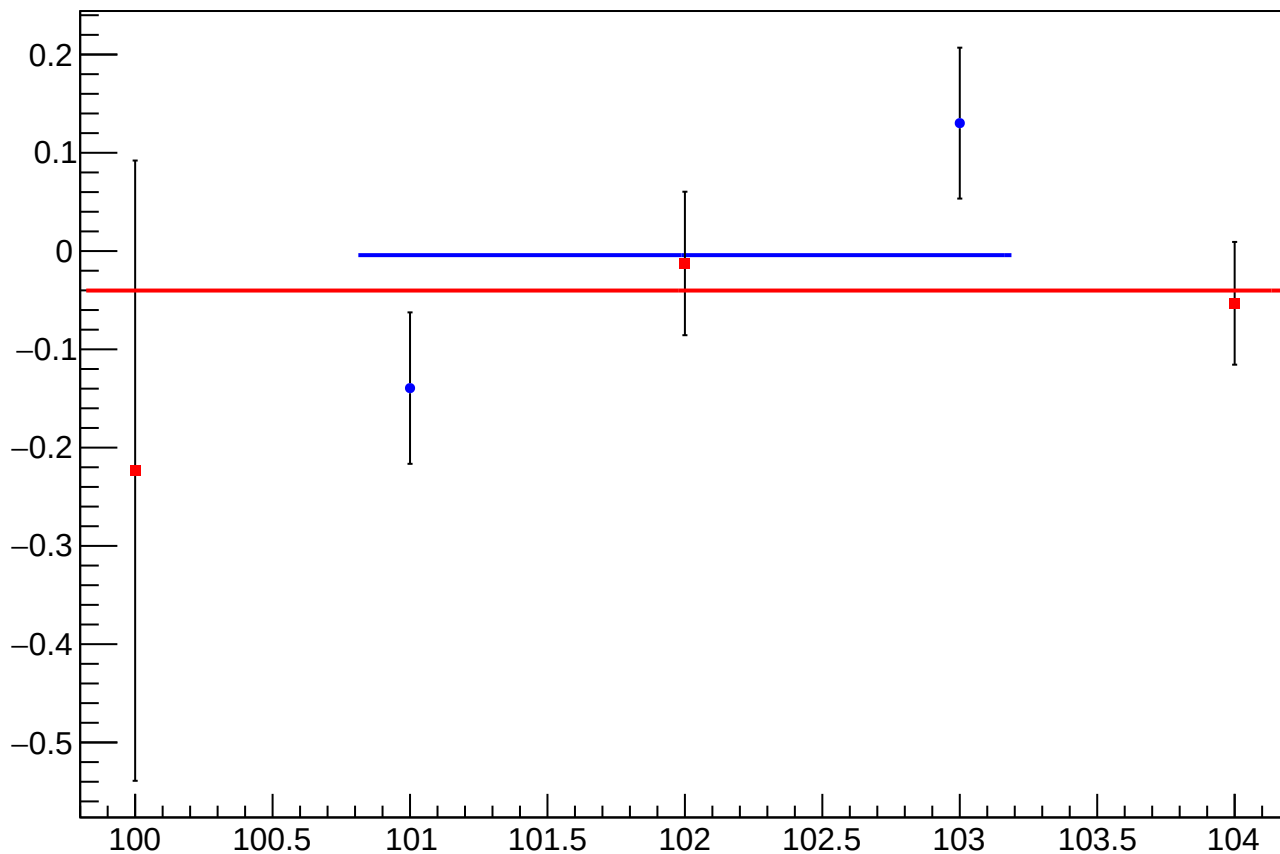
Right: 54.903+/-0.025 χ^2/NDF : 108363.1/4

In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.903+/-0.025 χ^2/NDF : 108363.1/4

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: -0.040 $\pm$ 0.047 χ^2 /NDF: 0.5/2

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

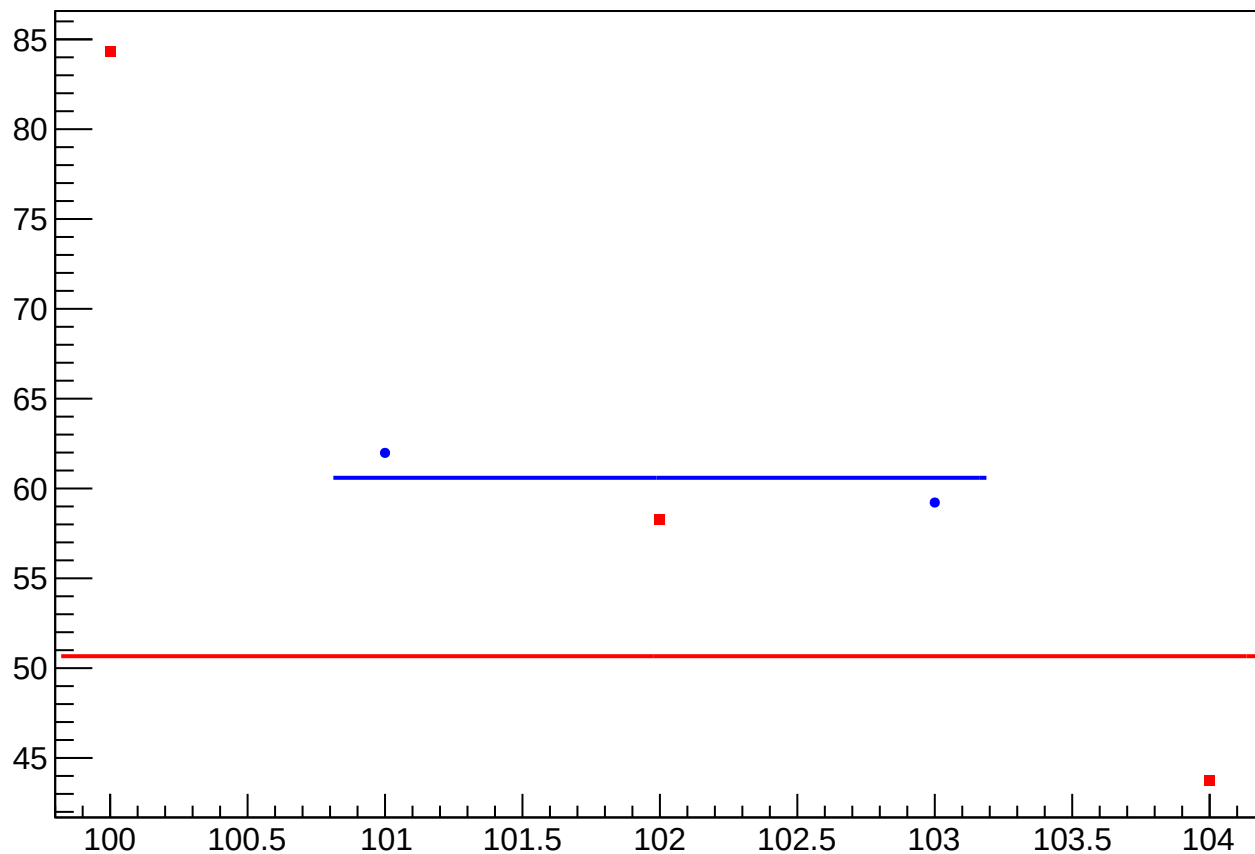
Right: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: 50.665+/-0.033 χ^2/NDF : 68847.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

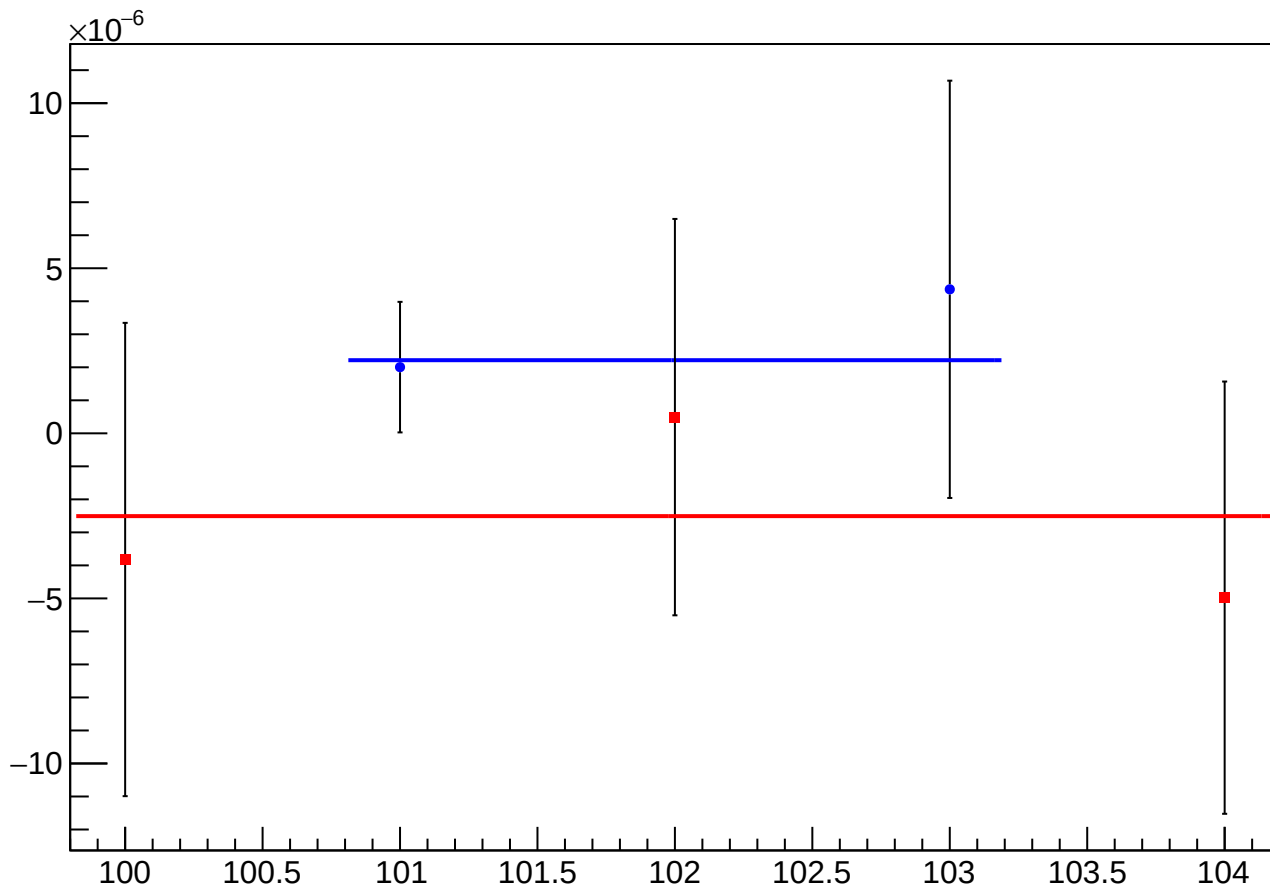
Right: 54.903+/-0.025 χ^2/NDF : 108363.1/4

In: 60.596+/-0.038 χ^2/NDF : 1291.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.903+/-0.025 χ^2/NDF : 108363.1/4

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

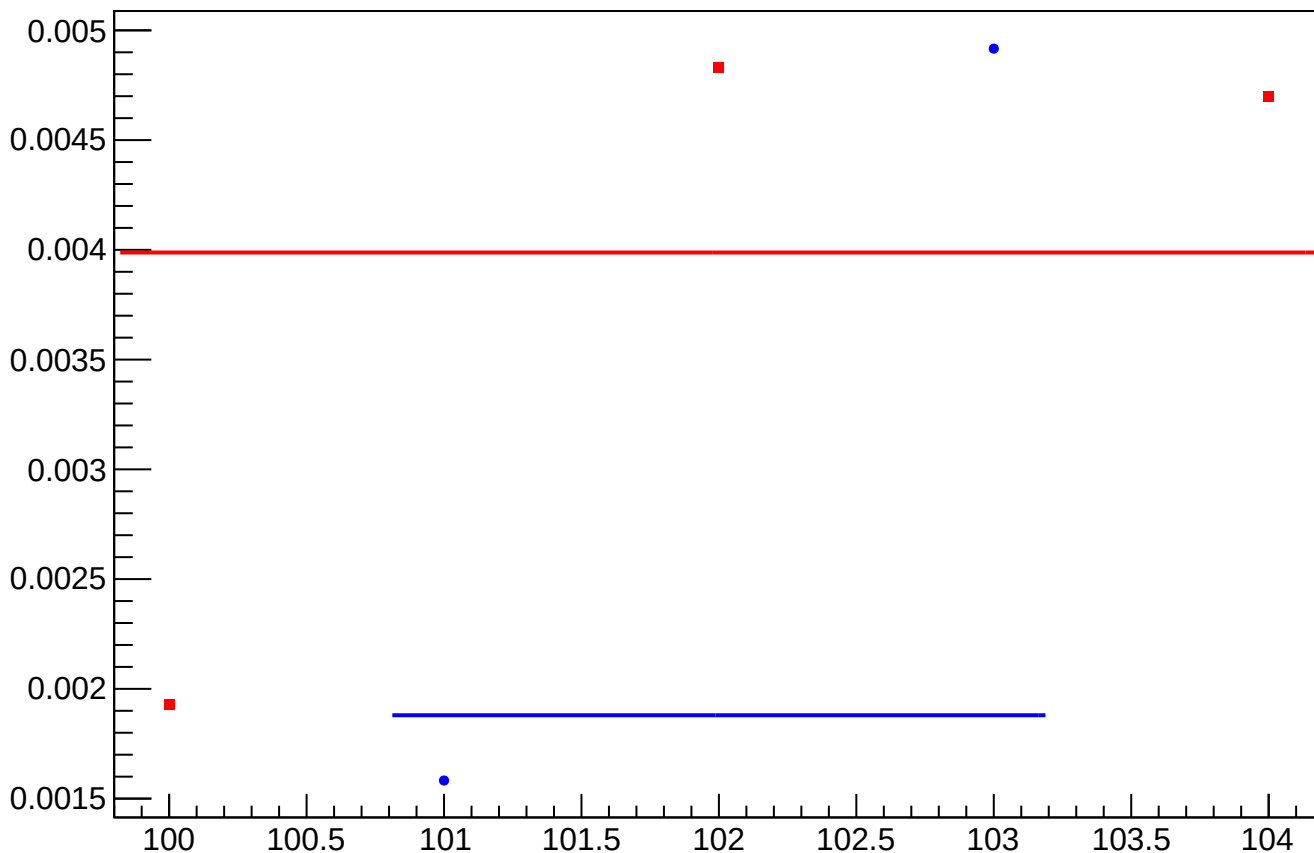
Right: 0.000+/-0.000 χ^2/NDF : 1.8/4

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 : 1.8/4

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 : 228325.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

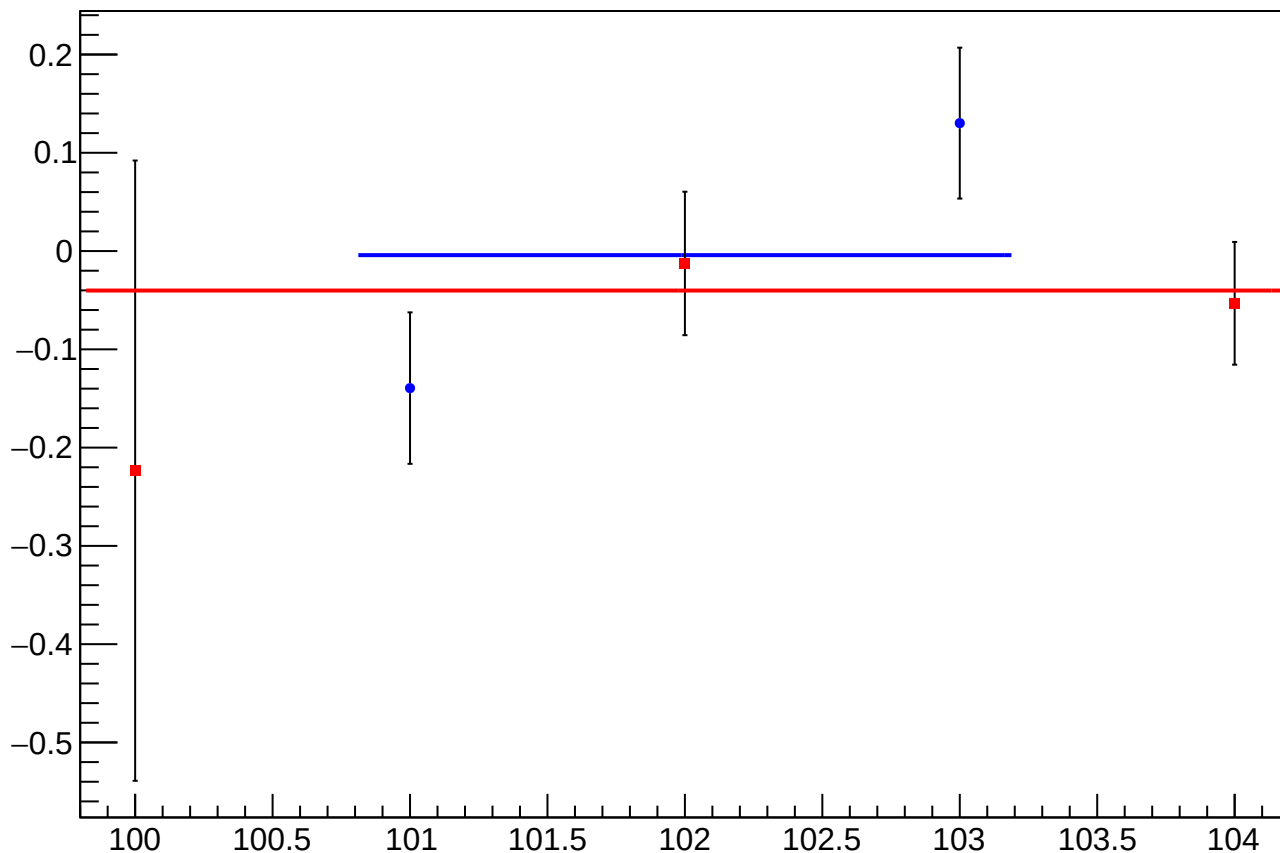
Right: 0.002+/-0.000 χ^2/NDF : 1236551.9/4

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 : 1236551.9/4

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: -0.040 $\pm$ 0.047 χ^2 /NDF: 0.5/2

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

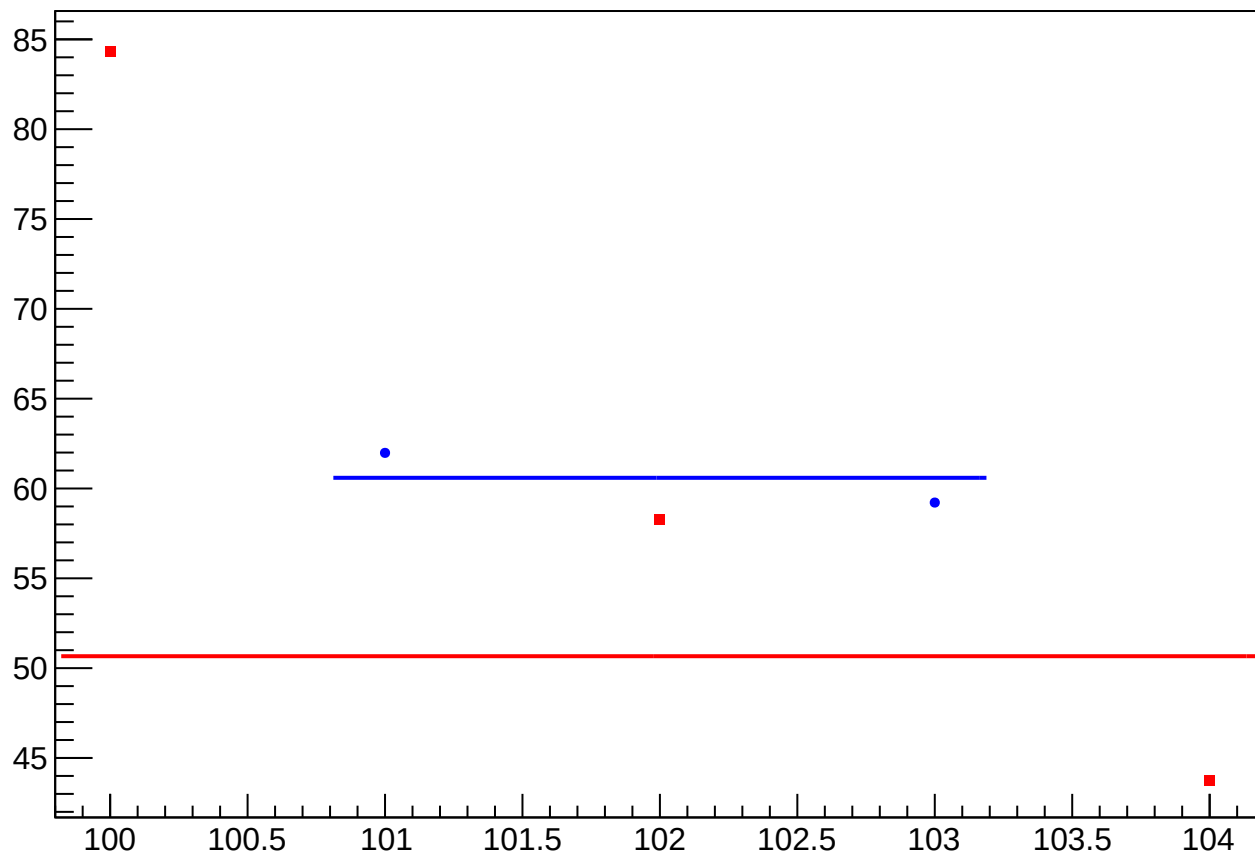
Right: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.664+/-0.033 χ^2/NDF : 68844.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

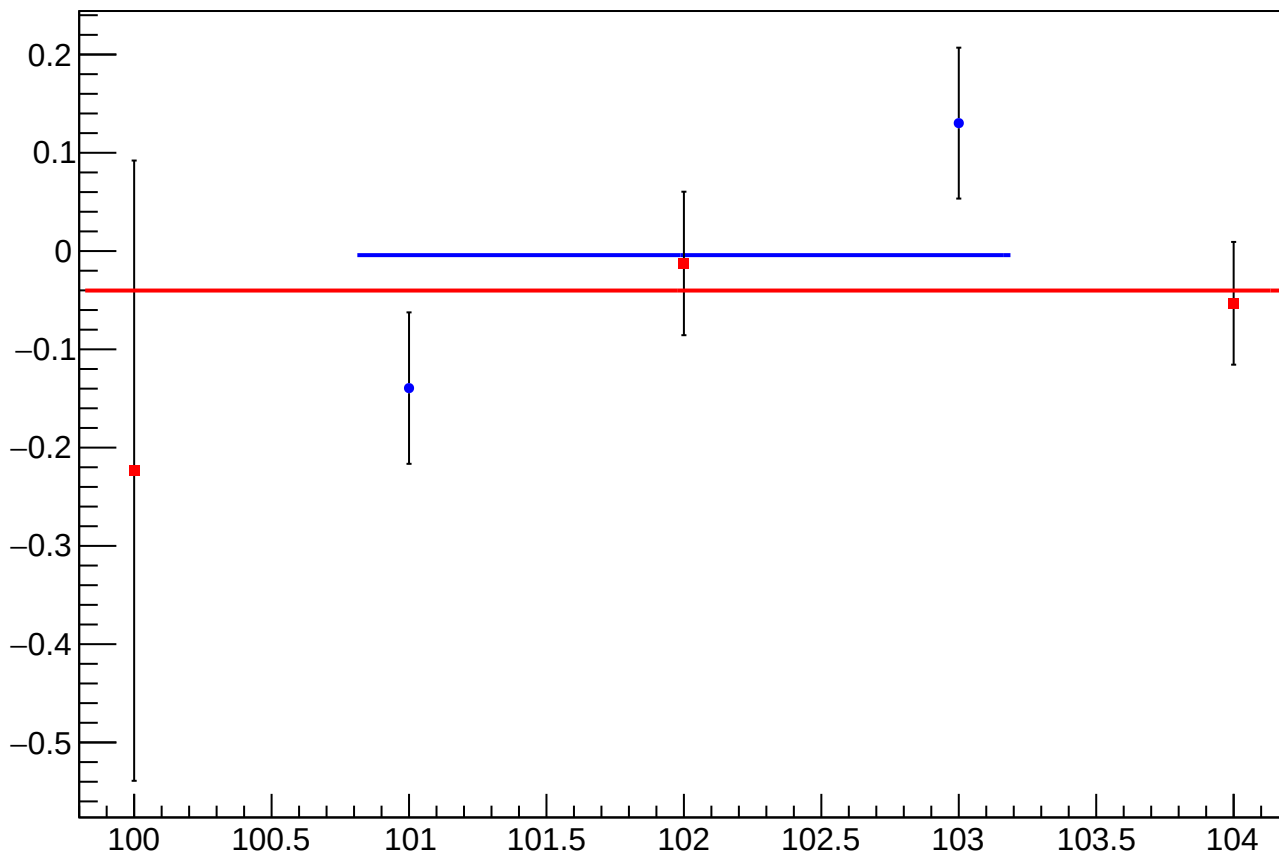
Right: 54.902+/-0.025 χ^2/NDF : 108359.4/4

In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.902+/-0.025 χ^2/NDF : 108359.4/4

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: -0.040 $\pm$ 0.047 χ^2 /NDF: 0.5/2

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

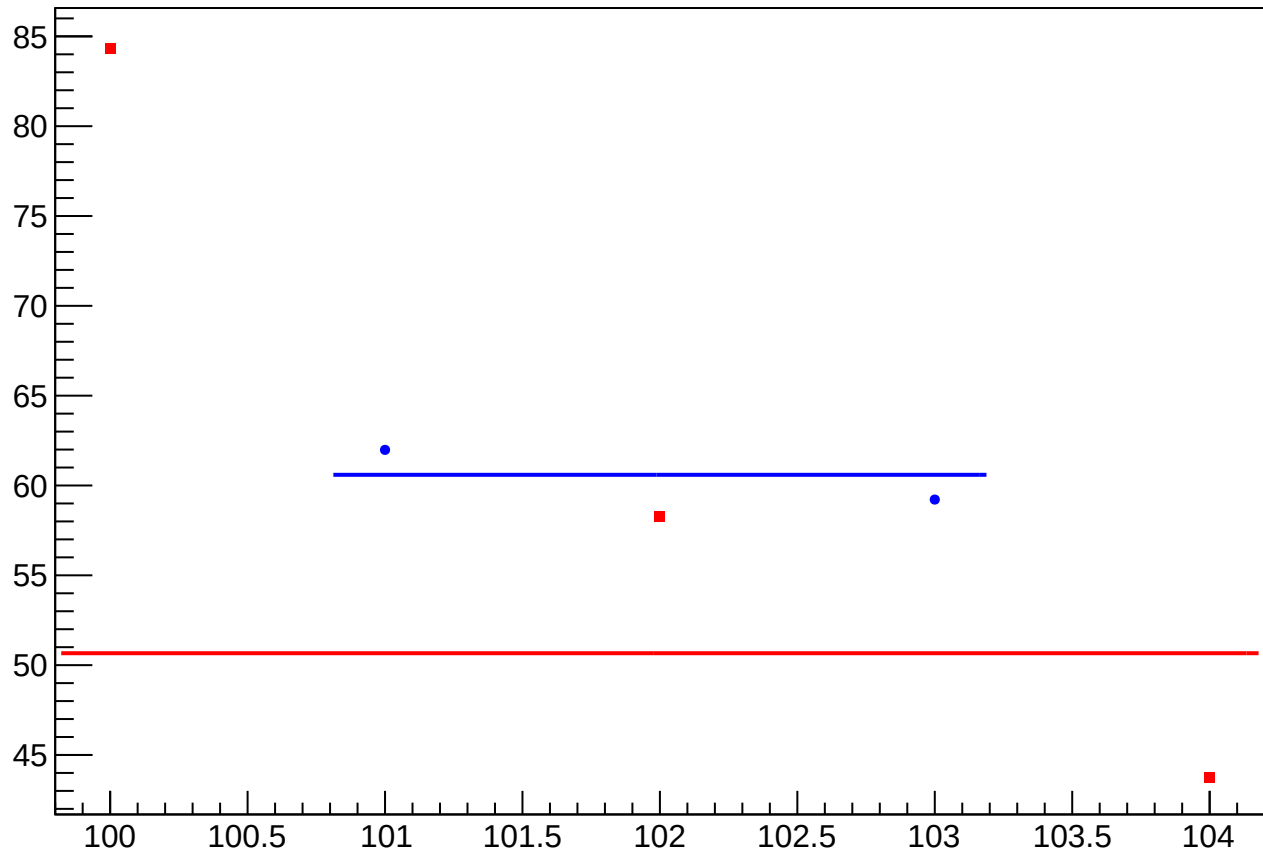
Right: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: -0.025 $\pm$ 0.036 χ^2 /NDF: 6.9/4

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: 50.664+/-0.033 χ^2/NDF : 68844.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

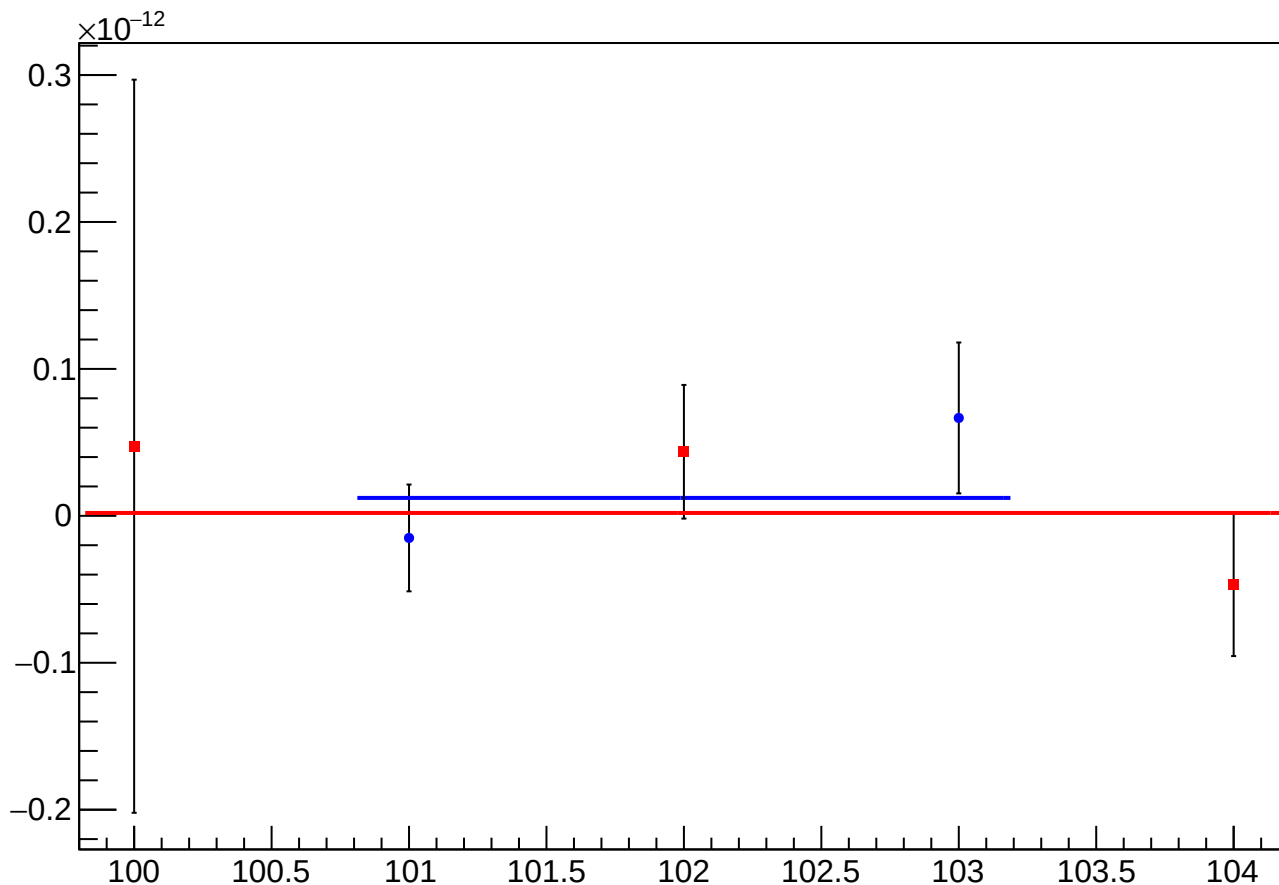
Right: 54.902+/-0.025 χ^2/NDF : 108359.4/4

In: 60.595+/-0.038 χ^2/NDF : 1293.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.902+/-0.025 χ^2/NDF : 108359.4/4

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 : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

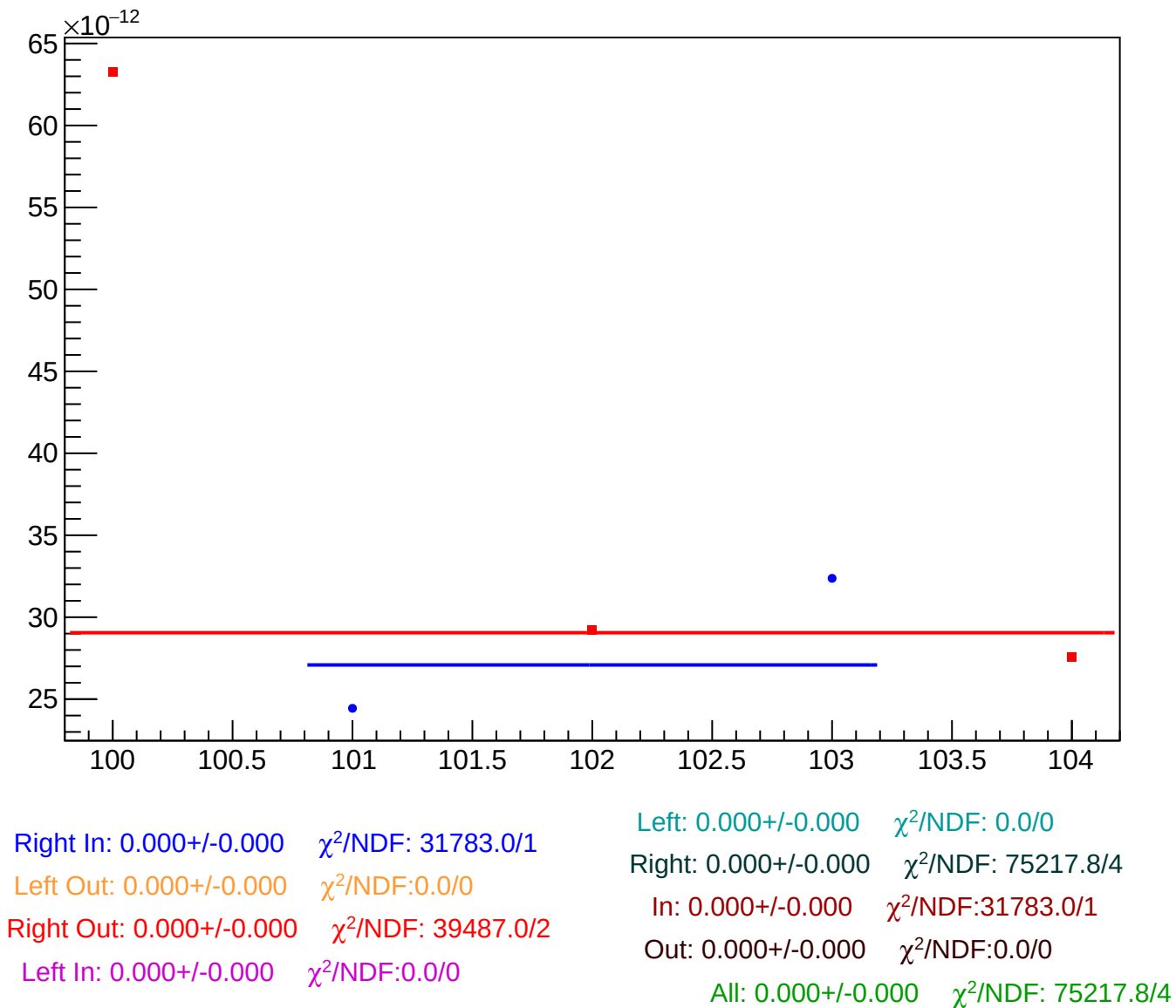
Right: 0.000+/-0.000 χ^2/NDF : 3.6/4

In: 0.000+/-0.000 χ^2/NDF : 1.7/1

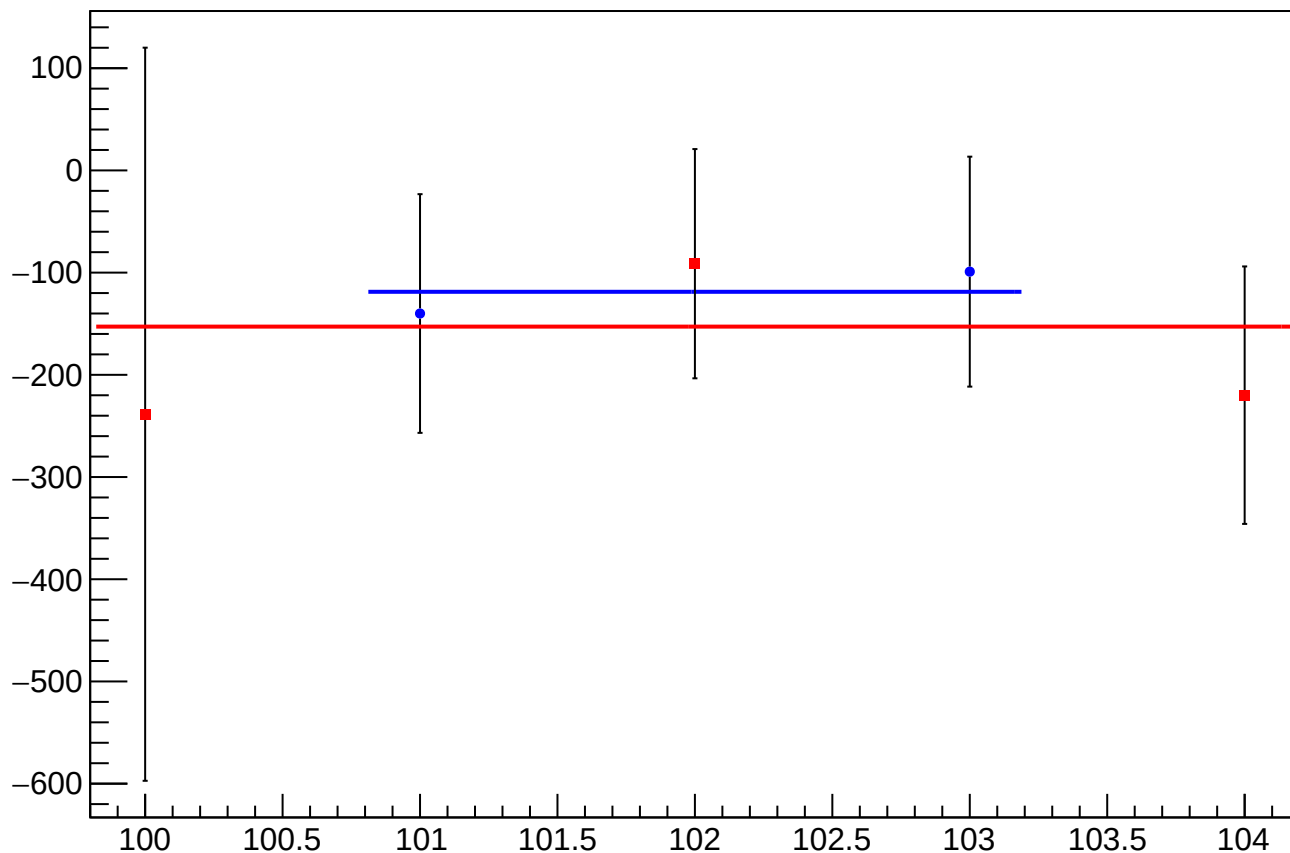
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/4

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -118.766 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -152.828 $\pm$ 81.565 χ^2 /NDF: 0.6/2

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

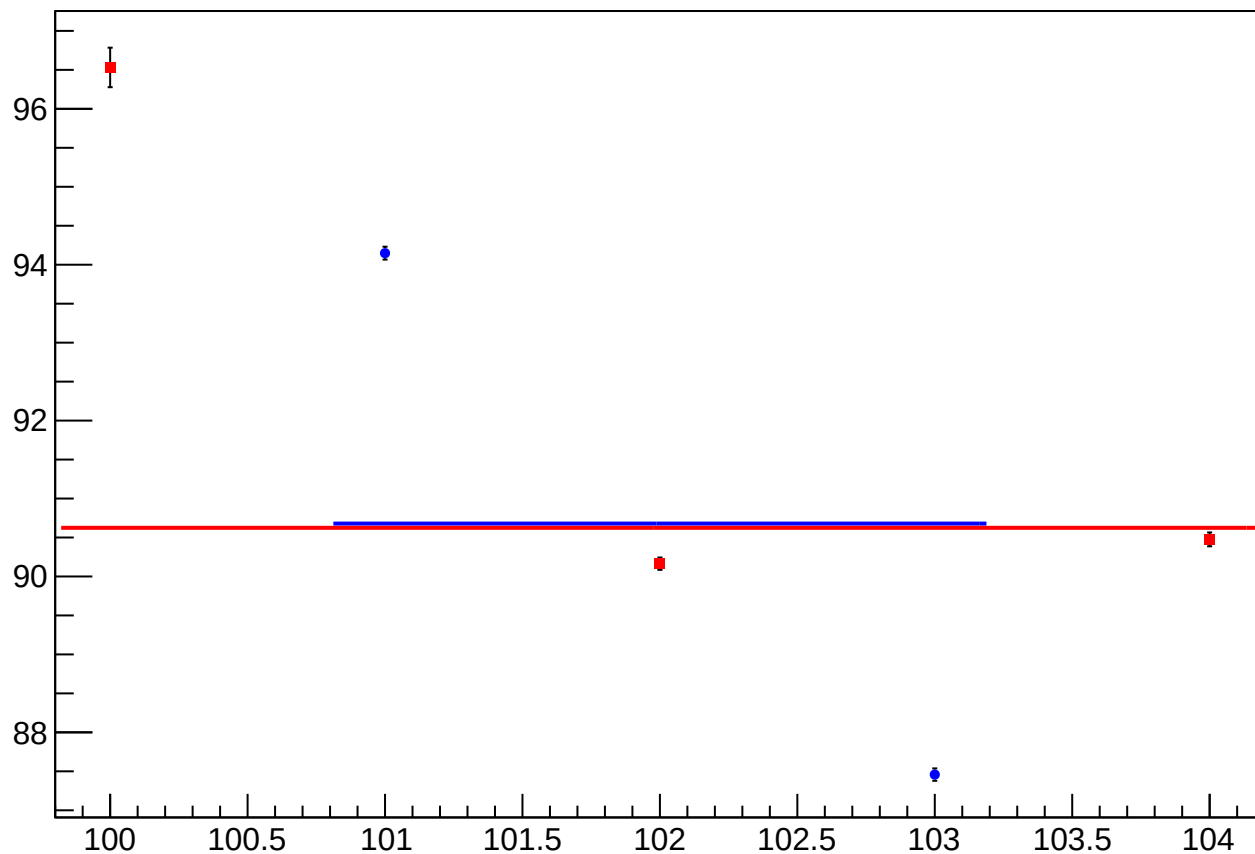
Right: -135.682 $\pm$ 57.480 χ^2 /NDF: 0.8/4

In: -118.766 $\pm$ 81.015 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -135.682 $\pm$ 57.480 χ^2 /NDF: 0.8/4

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: 90.624 $\pm$ 0.058 χ^2 /NDF: 578.9/2

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

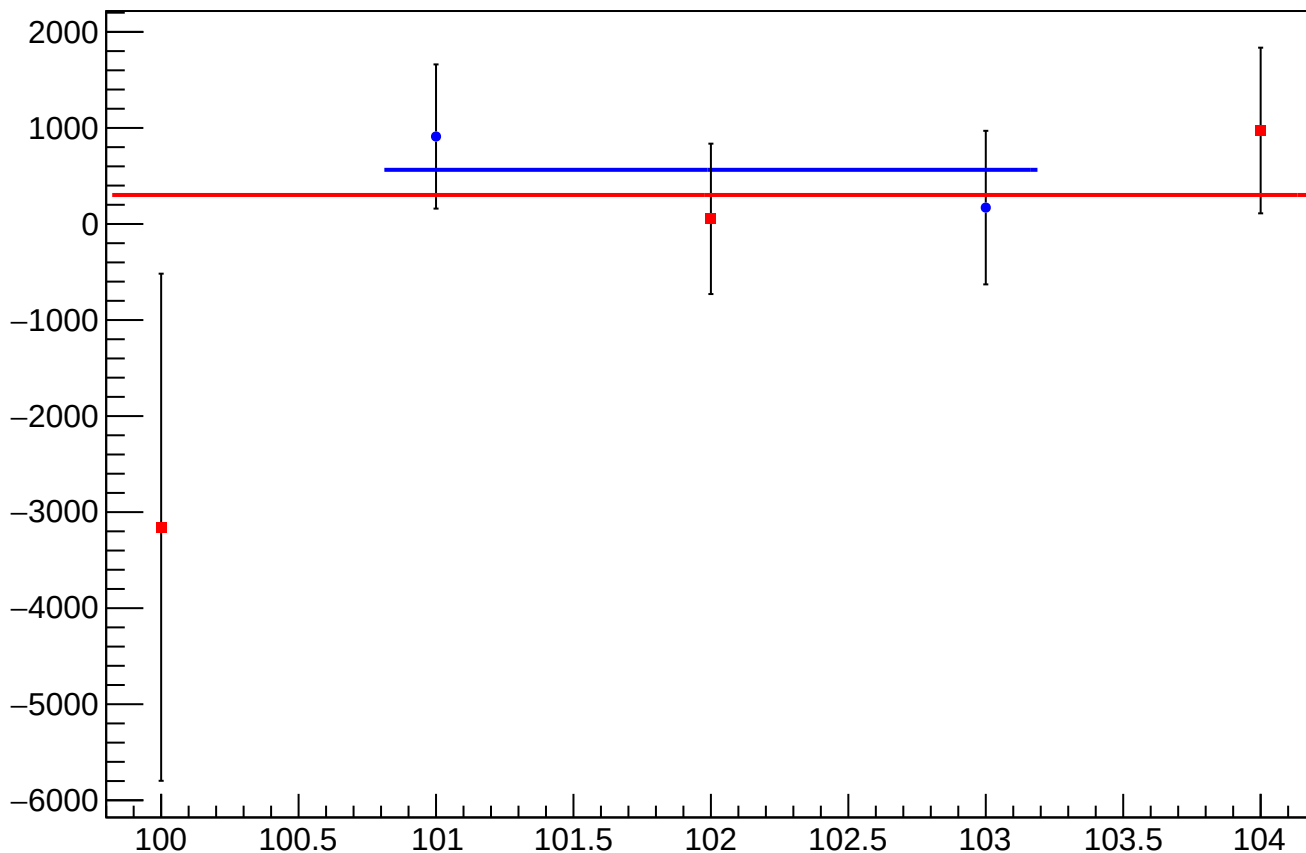
Right: 90.652 $\pm$ 0.041 χ^2 /NDF: 3984.6/4

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: 90.652 $\pm$ 0.041 χ^2 /NDF: 3984.6/4

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: 302.175 $\pm$ 566.201 χ^2 /NDF: 2.4/2

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

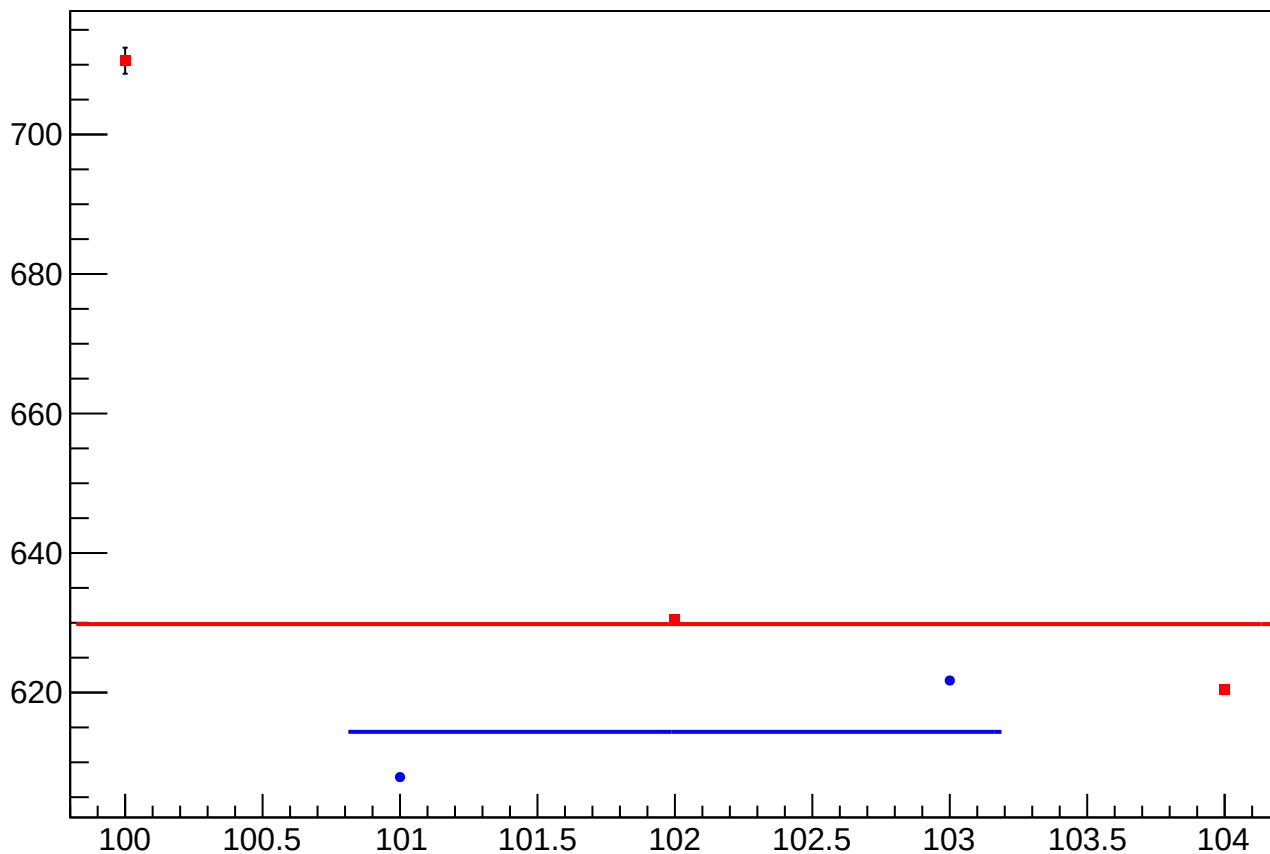
Right: 437.535 $\pm$ 393.488 χ^2 /NDF: 3.0/4

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: 437.535 $\pm$ 393.488 χ^2 /NDF: 3.0/4

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 614.369+/-0.387 χ^2/NDF : 318.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 629.818+/-0.400 χ^2/NDF : 2112.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

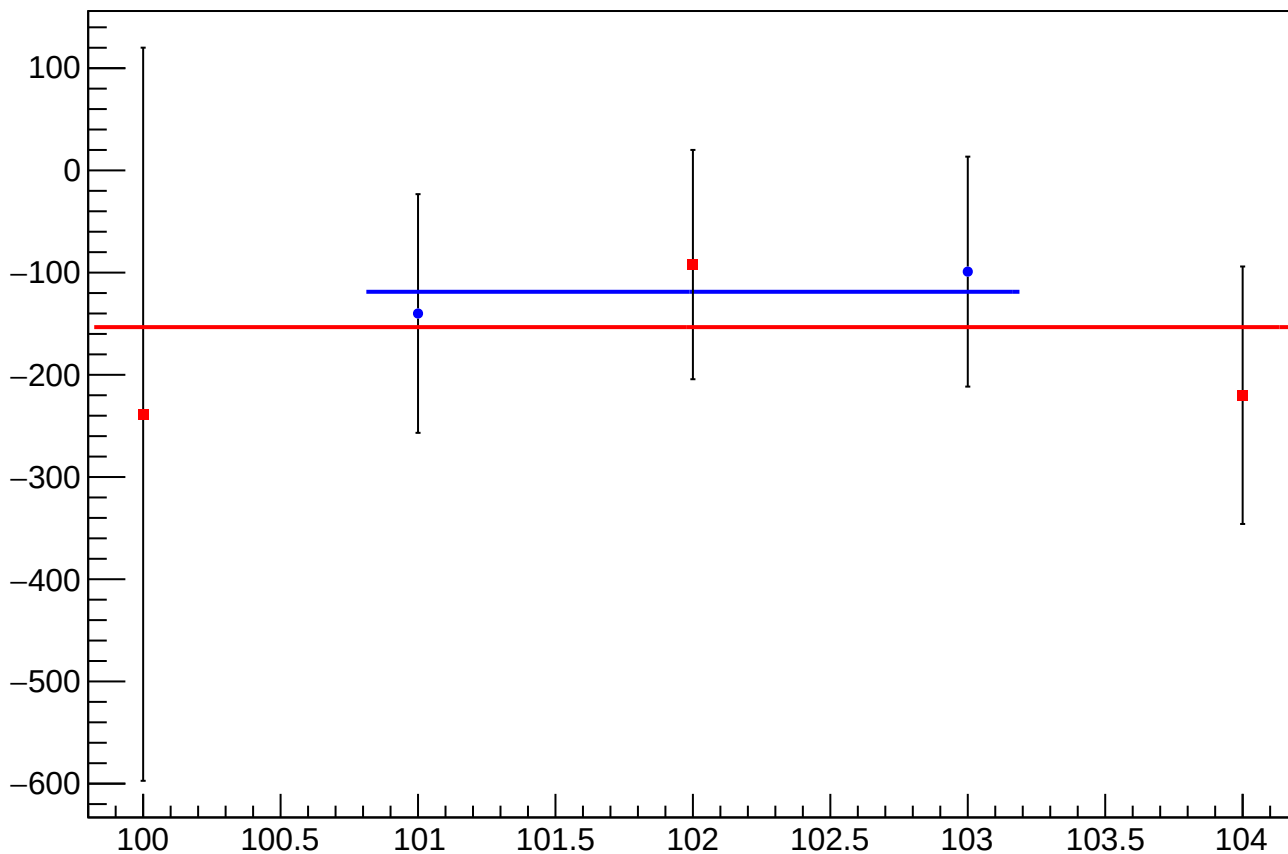
Right: 621.830+/-0.278 χ^2/NDF : 3200.8/4

In: 614.369+/-0.387 χ^2/NDF : 318.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.830+/-0.278 χ^2/NDF : 3200.8/4

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: -153.333 $\pm$ 81.572 χ^2 /NDF: 0.6/2

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

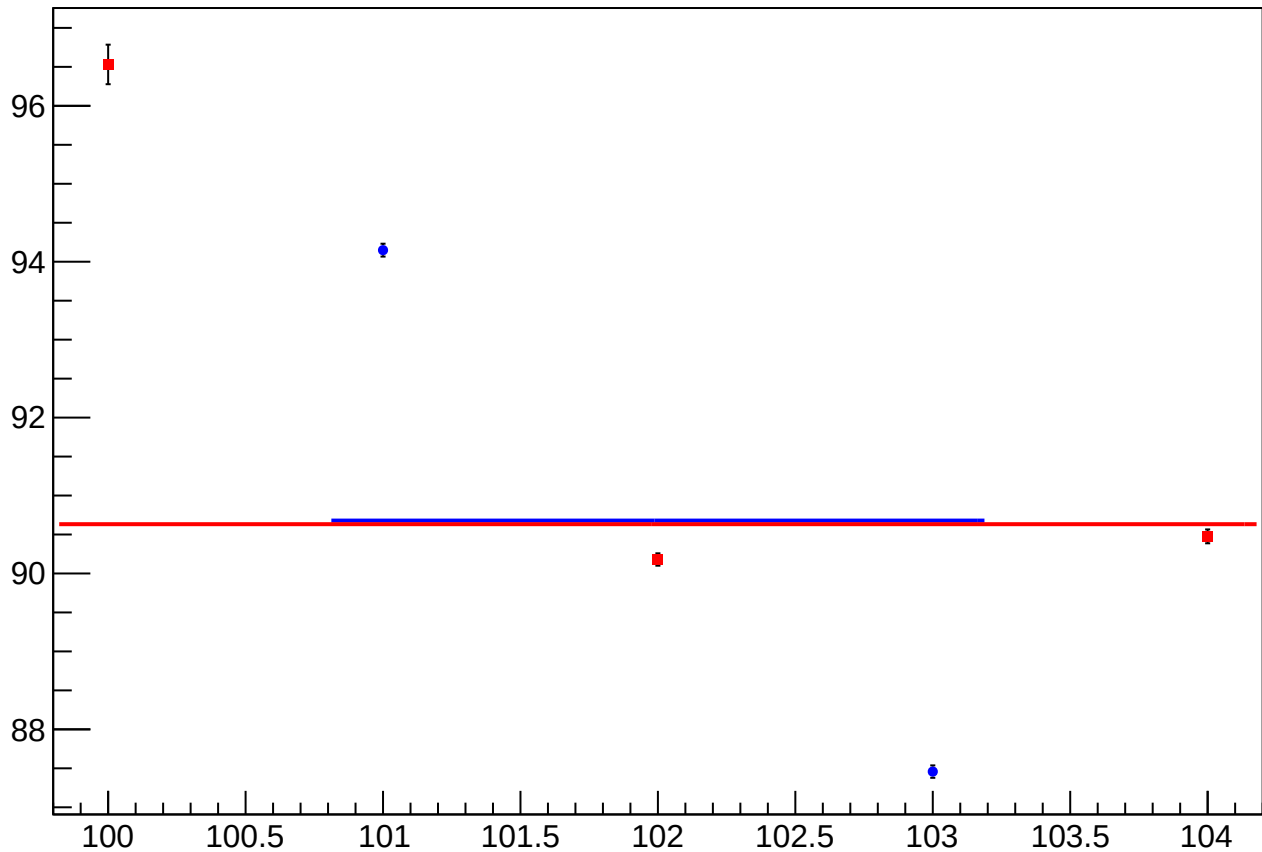
Right: -135.929 $\pm$ 57.482 χ^2 /NDF: 0.8/4

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: -135.929 $\pm$ 57.482 χ^2 /NDF: 0.8/4

cor_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: 90.632 $\pm$ 0.058 χ^2 /NDF: 576.7/2

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

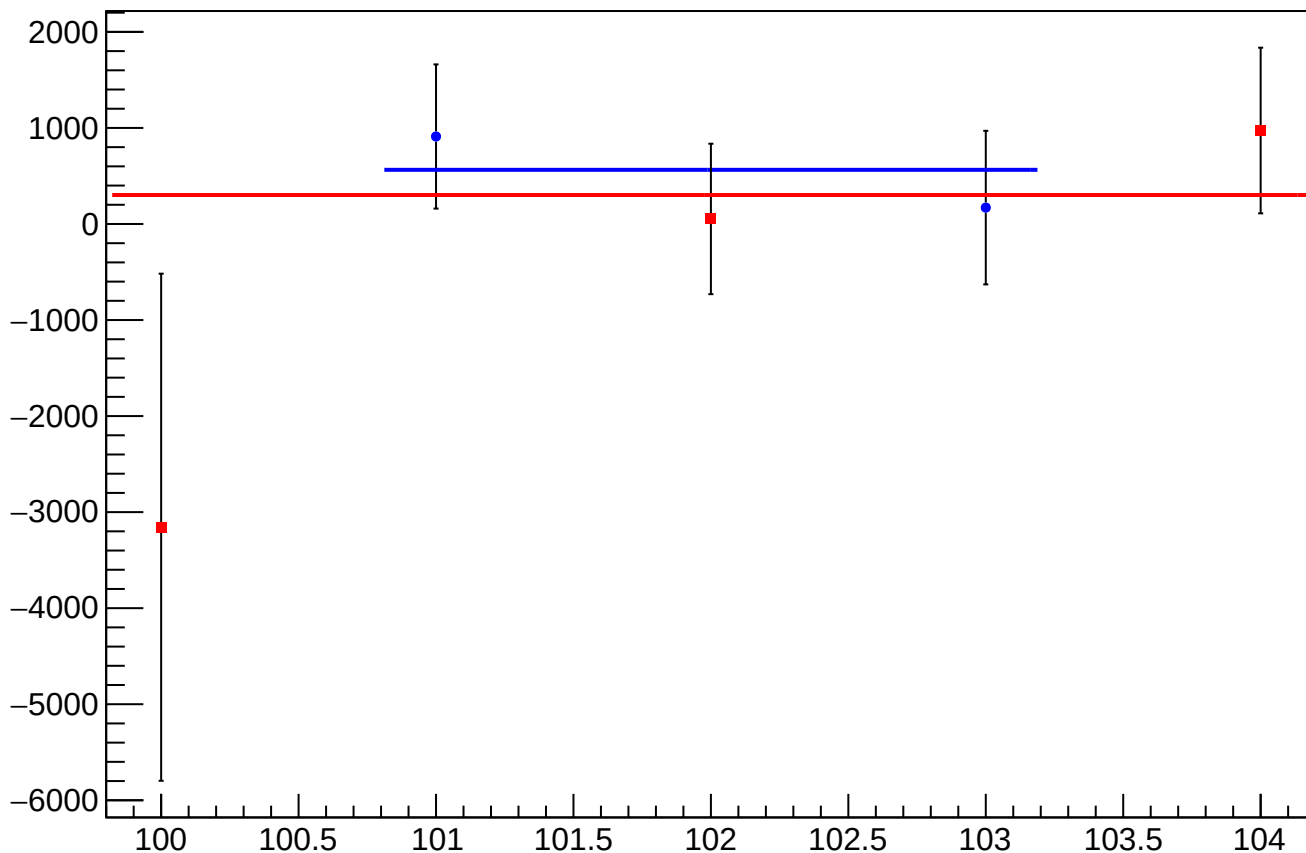
Right: 90.656 $\pm$ 0.041 χ^2 /NDF: 3982.3/4

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: 90.656 $\pm$ 0.041 χ^2 /NDF: 3982.3/4

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: 301.775 $\pm$ 566.320 χ^2 /NDF: 2.4/2

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

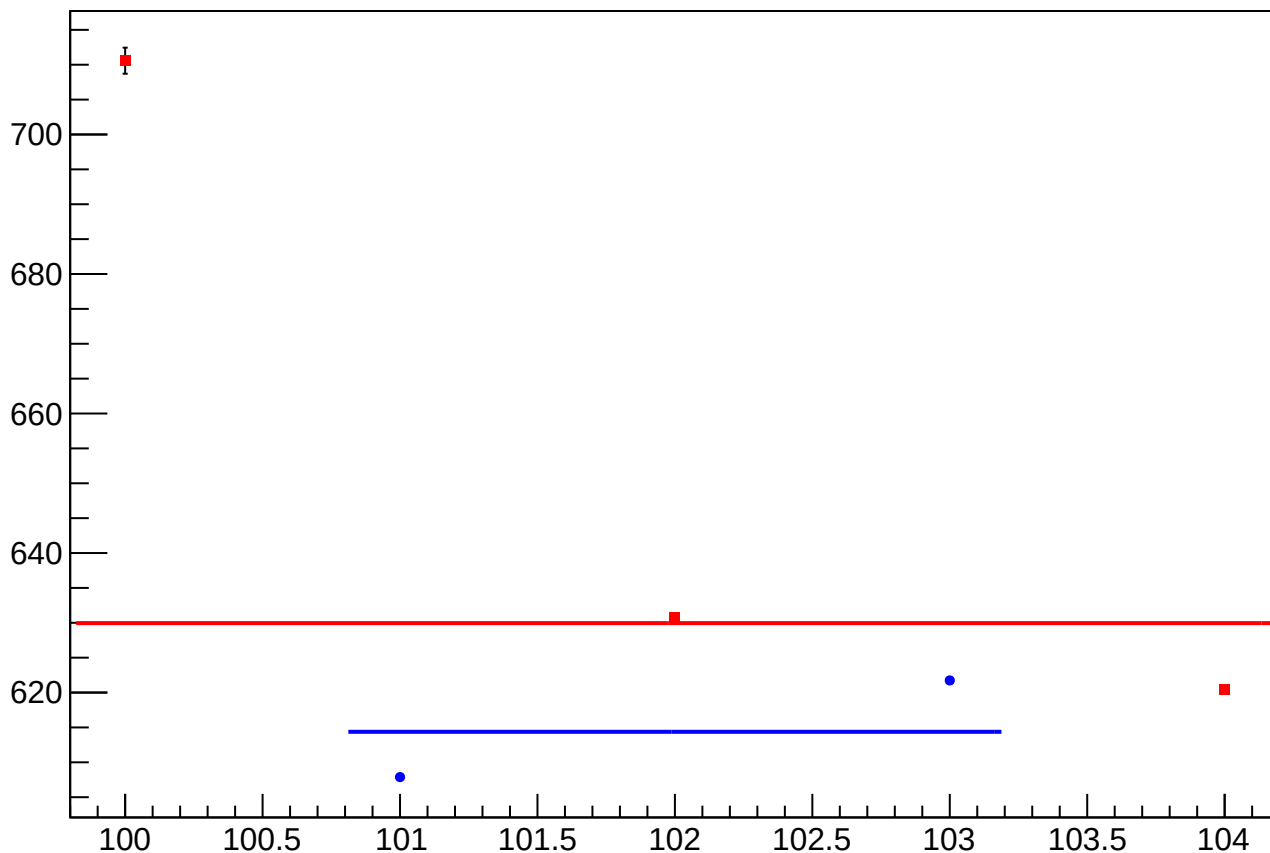
Right: 437.344 $\pm$ 393.530 χ^2 /NDF: 3.0/4

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: 437.344 $\pm$ 393.530 χ^2 /NDF: 3.0/4

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: 629.954+/-0.400 χ^2/NDF : 2112.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

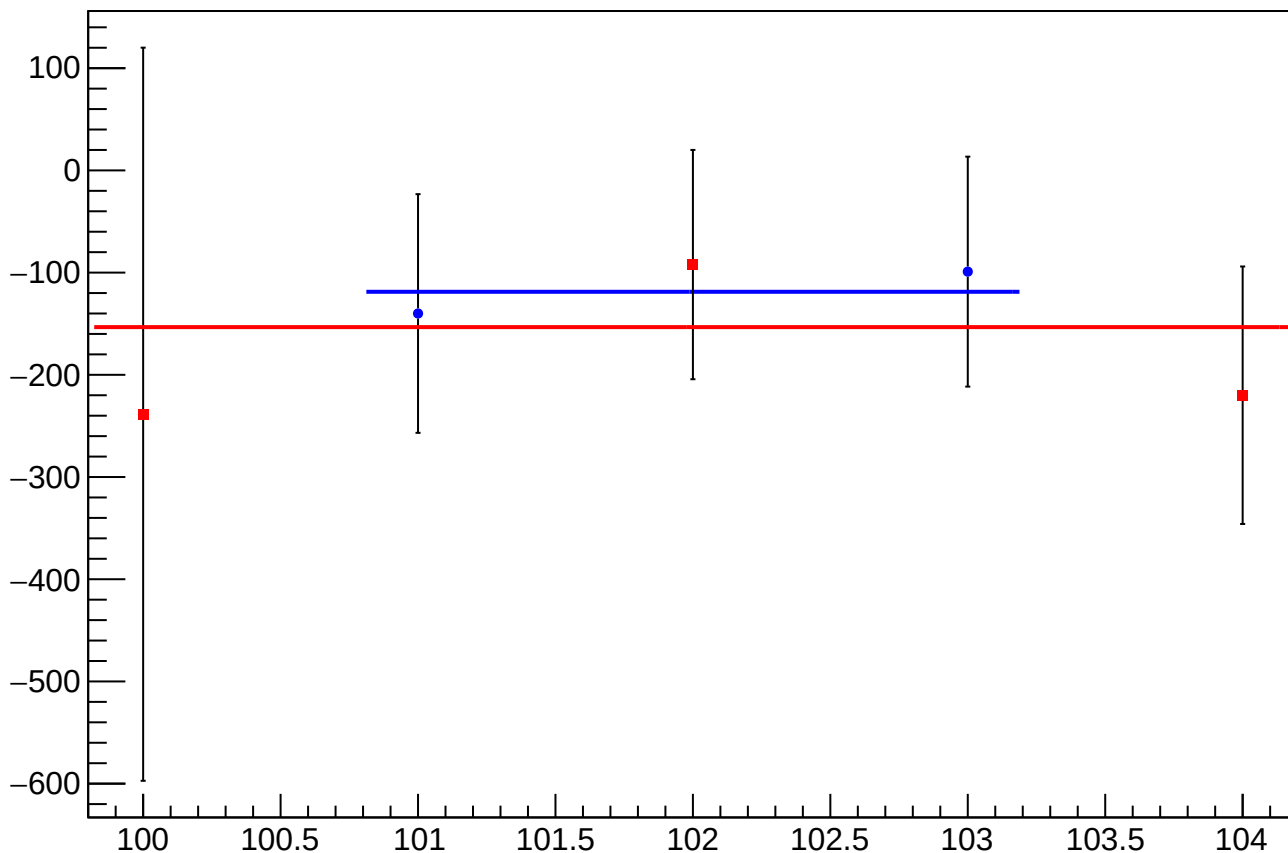
Right: 621.897+/-0.278 χ^2/NDF : 3214.9/4

In: 614.374+/-0.387 χ^2/NDF : 319.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.897+/-0.278 χ^2/NDF : 3214.9/4

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: -153.333 $\pm$ 81.572 χ^2 /NDF: 0.6/2

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

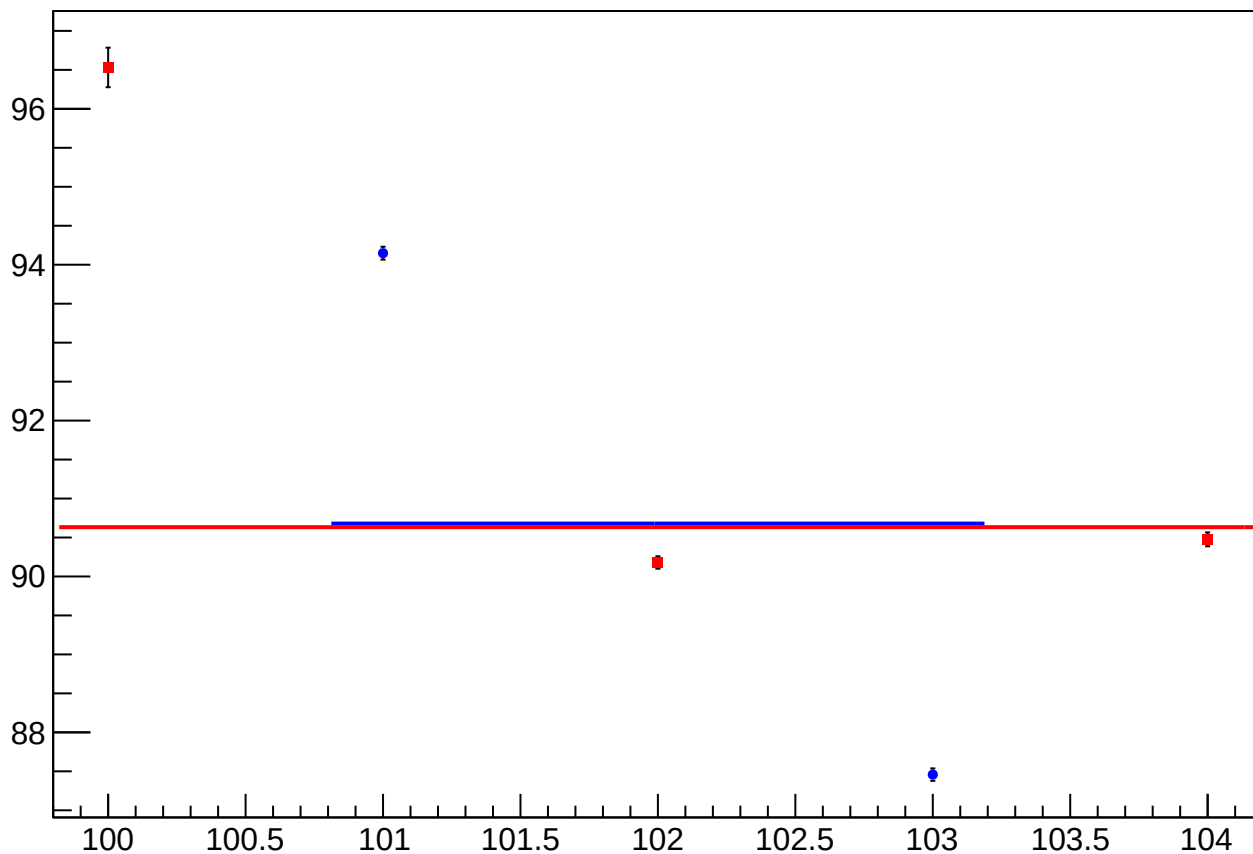
Right: -135.929 $\pm$ 57.482 χ^2 /NDF: 0.8/4

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: -135.929 $\pm$ 57.482 χ^2 /NDF: 0.8/4

eigen_cor_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: 90.632 $\pm$ 0.058 χ^2 /NDF: 576.7/2

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

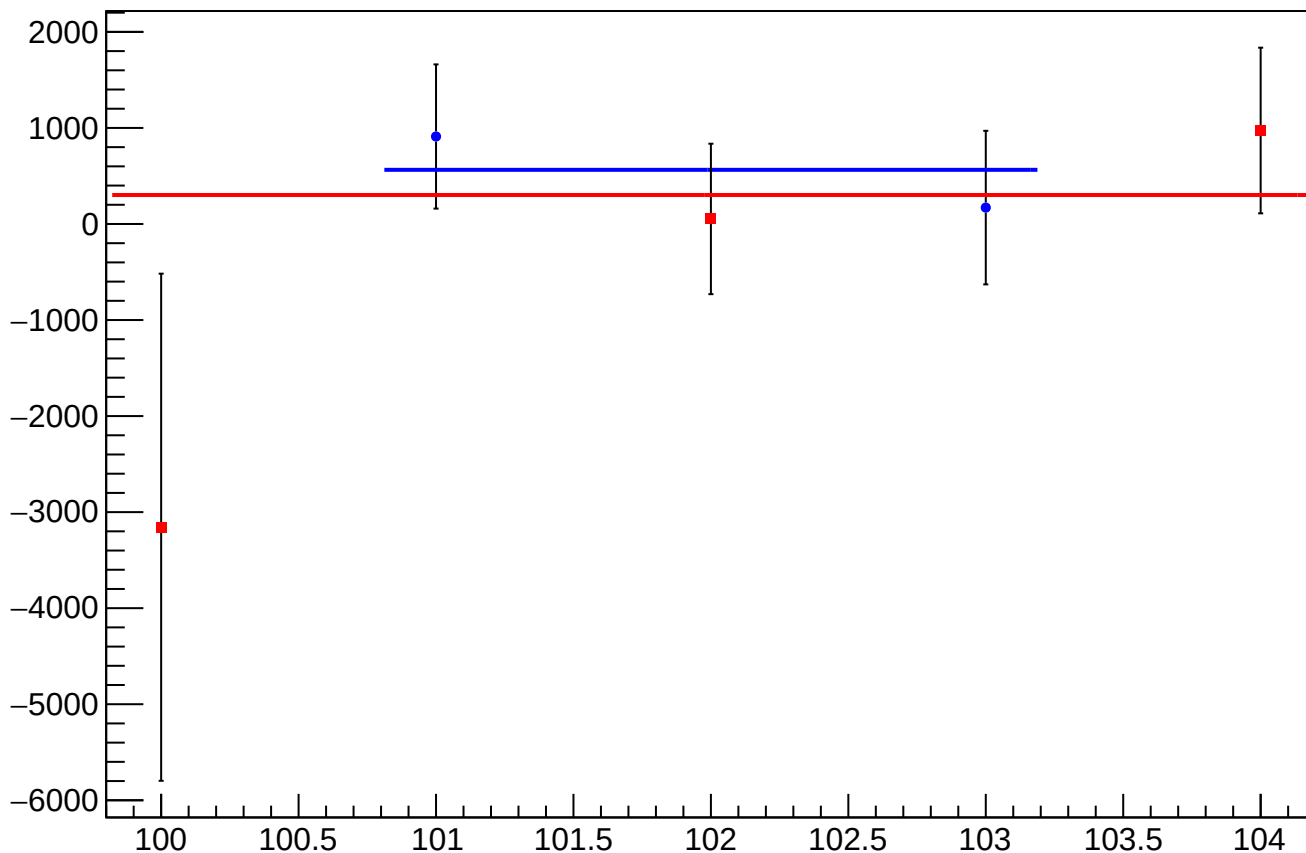
Right: 90.656 $\pm$ 0.041 χ^2 /NDF: 3982.3/4

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: 90.656 $\pm$ 0.041 χ^2 /NDF: 3982.3/4

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: 301.775 $\pm$ 566.320 χ^2 /NDF: 2.4/2

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

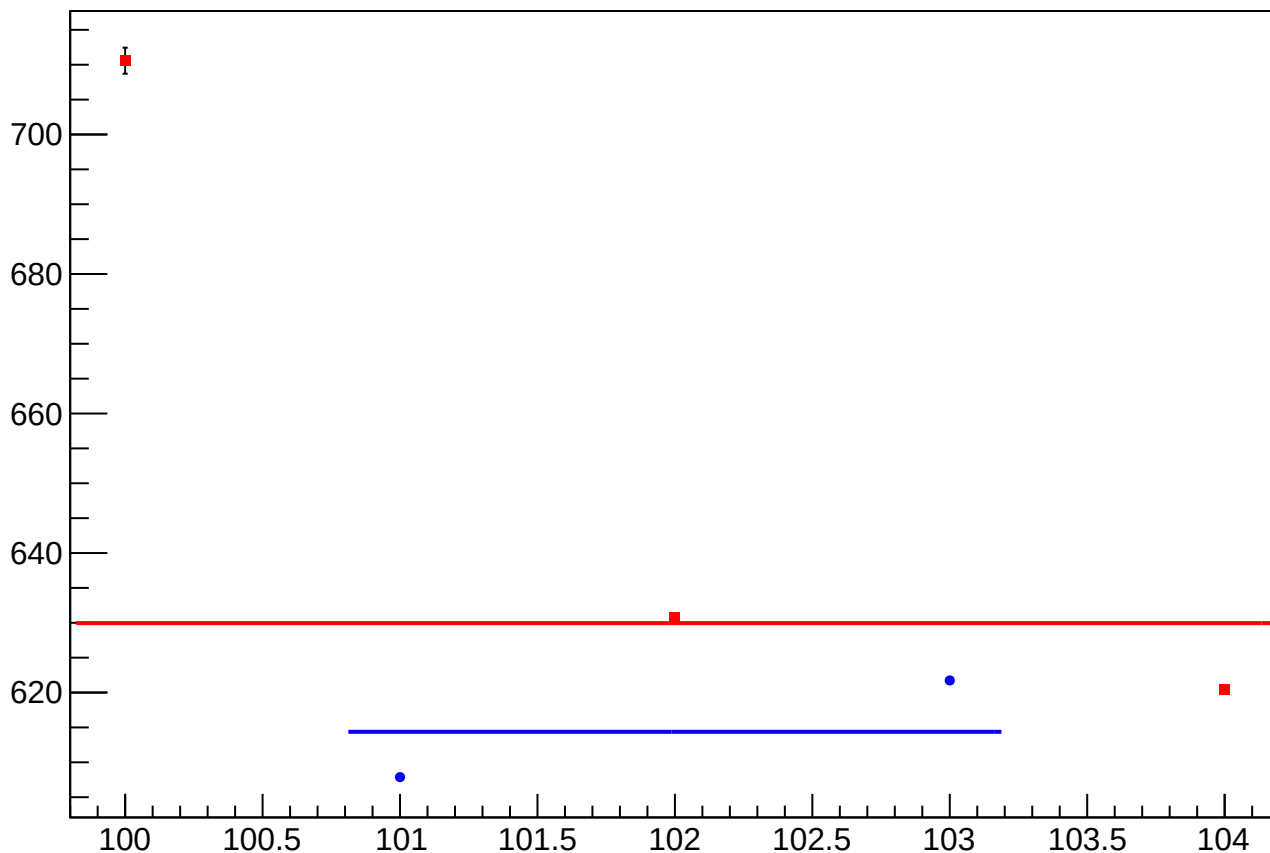
Right: 437.344 $\pm$ 393.530 χ^2 /NDF: 3.0/4

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: 437.344 $\pm$ 393.530 χ^2 /NDF: 3.0/4

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: 629.954+/-0.400 χ^2/NDF : 2112.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

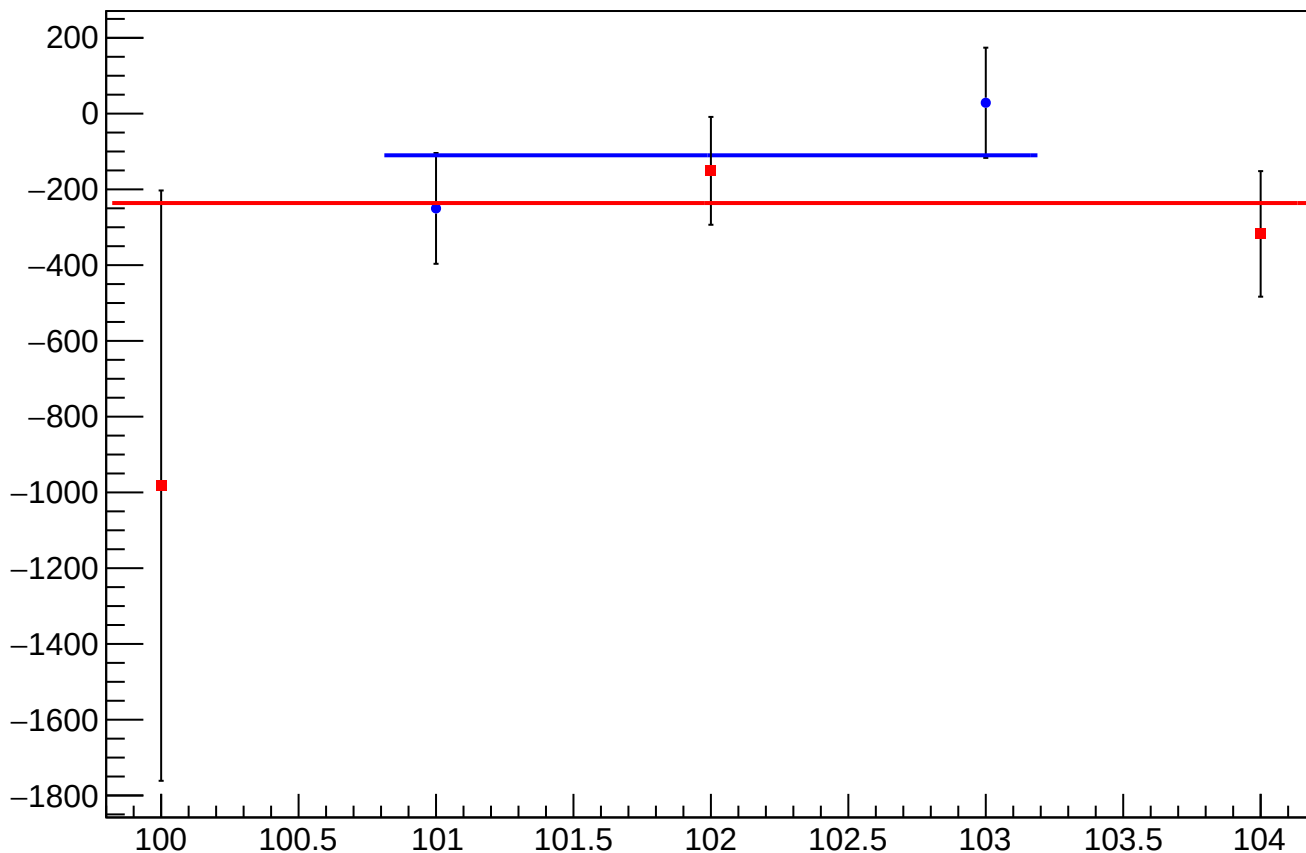
Right: 621.897+/-0.278 χ^2/NDF : 3214.9/4

In: 614.374+/-0.387 χ^2/NDF : 319.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.897+/-0.278 χ^2/NDF : 3214.9/4

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: -236.080 ± 106.968 χ^2/NDF : 1.5/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

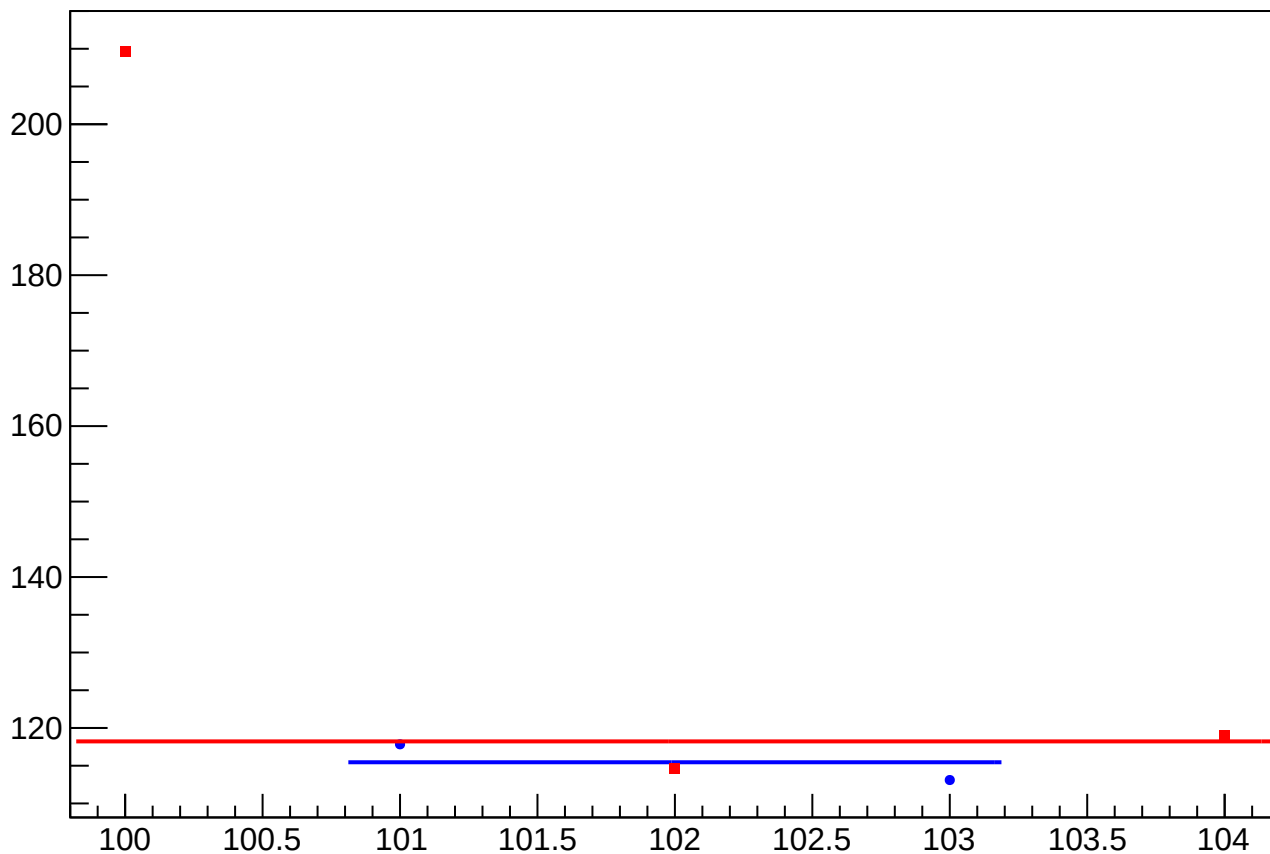
Right: -170.766 ± 74.245 χ^2/NDF : 4.1/4

In: -110.050 ± 103.134 χ^2/NDF : 1.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.766 ± 74.245 χ^2/NDF : 4.1/4

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 115.457+/-0.073 χ^2/NDF : 1052.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.222+/-0.076 χ^2/NDF : 28868.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

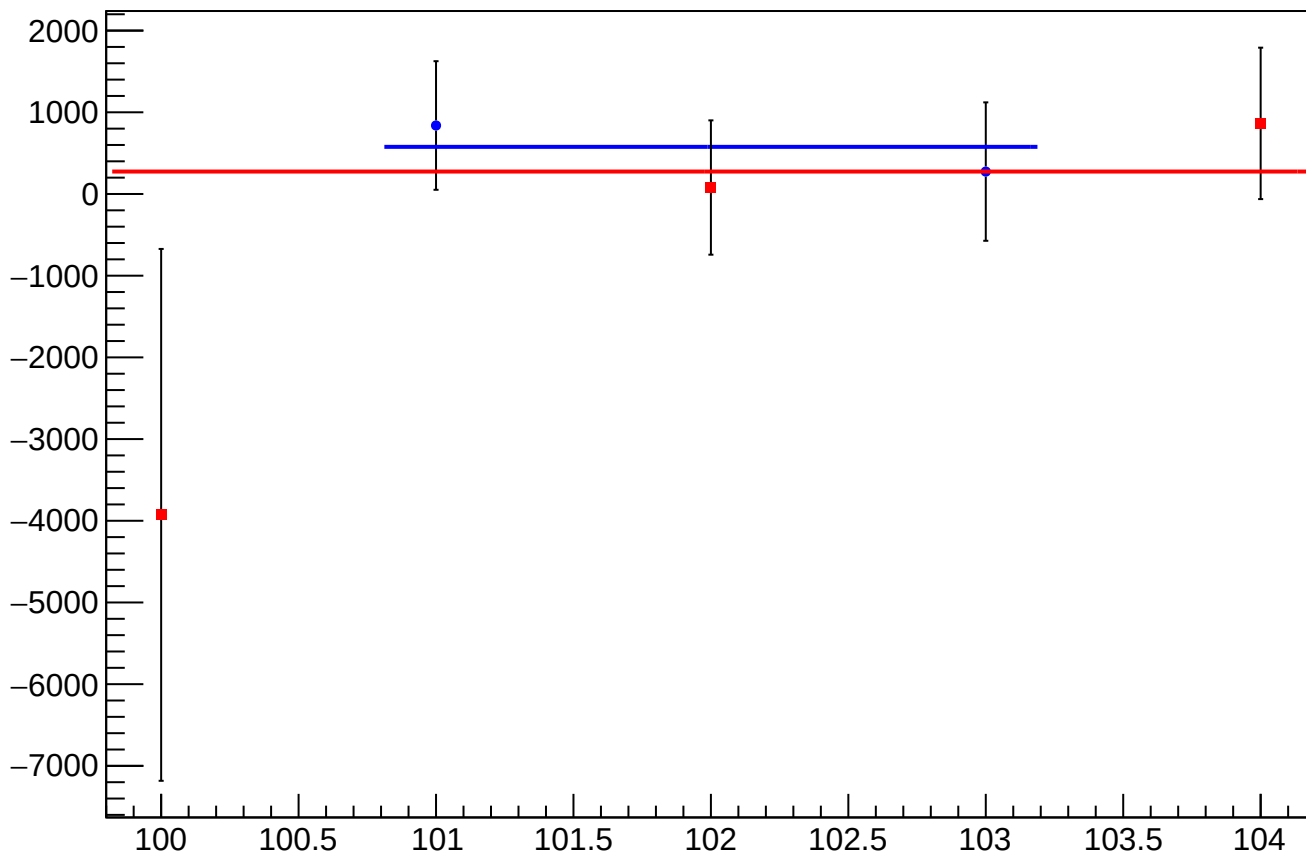
Right: 116.789+/-0.052 χ^2/NDF : 30613.4/4

In: 115.457+/-0.073 χ^2/NDF : 1052.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.789+/-0.052 χ^2/NDF : 30613.4/4

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: 274.803+/-604.294 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

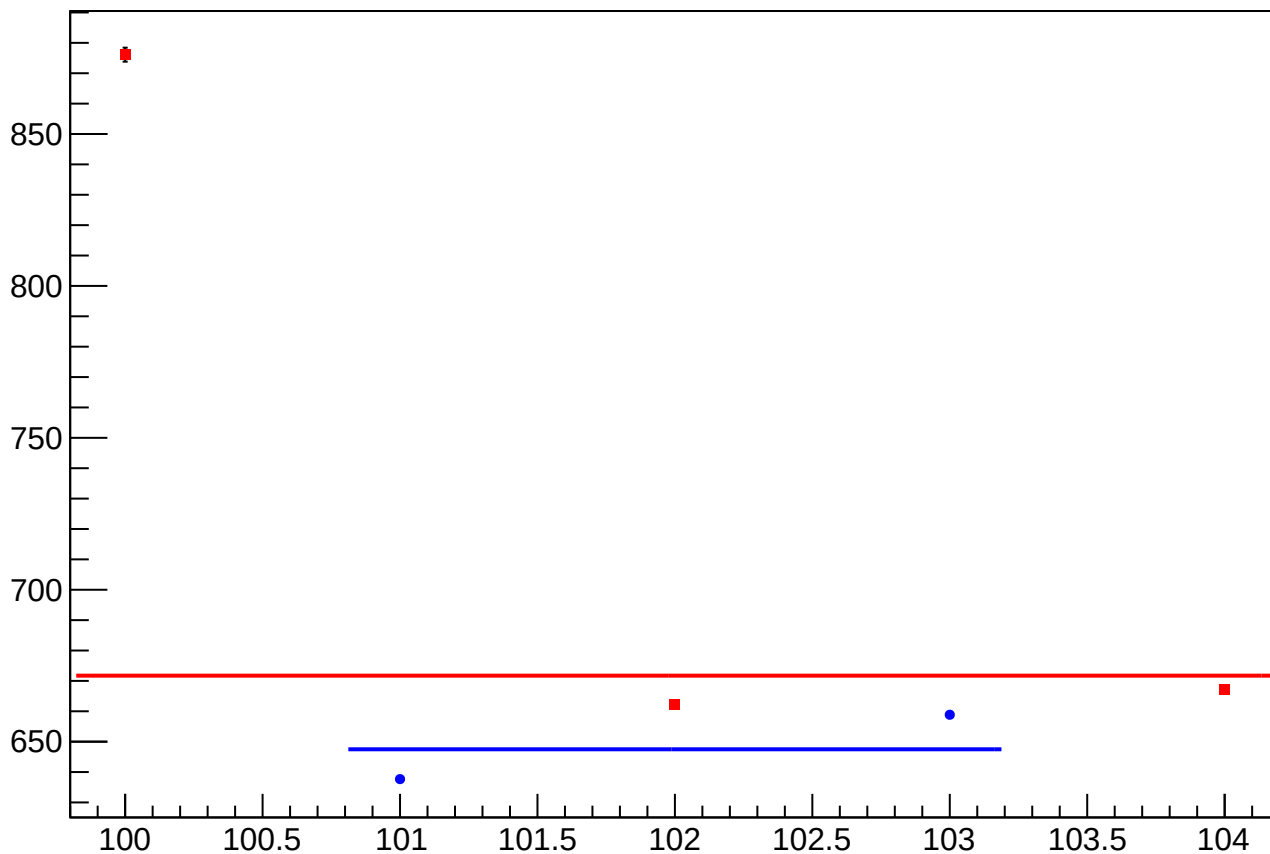
Right: 433.008+/-417.179 χ^2/NDF : 2.5/4

In: 577.063+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.008+/-417.179 χ^2/NDF : 2.5/4

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489 $\pm$ 0.408 χ^2 /NDF: 670.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 671.726 $\pm$ 0.427 χ^2 /NDF: 8195.7/2

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

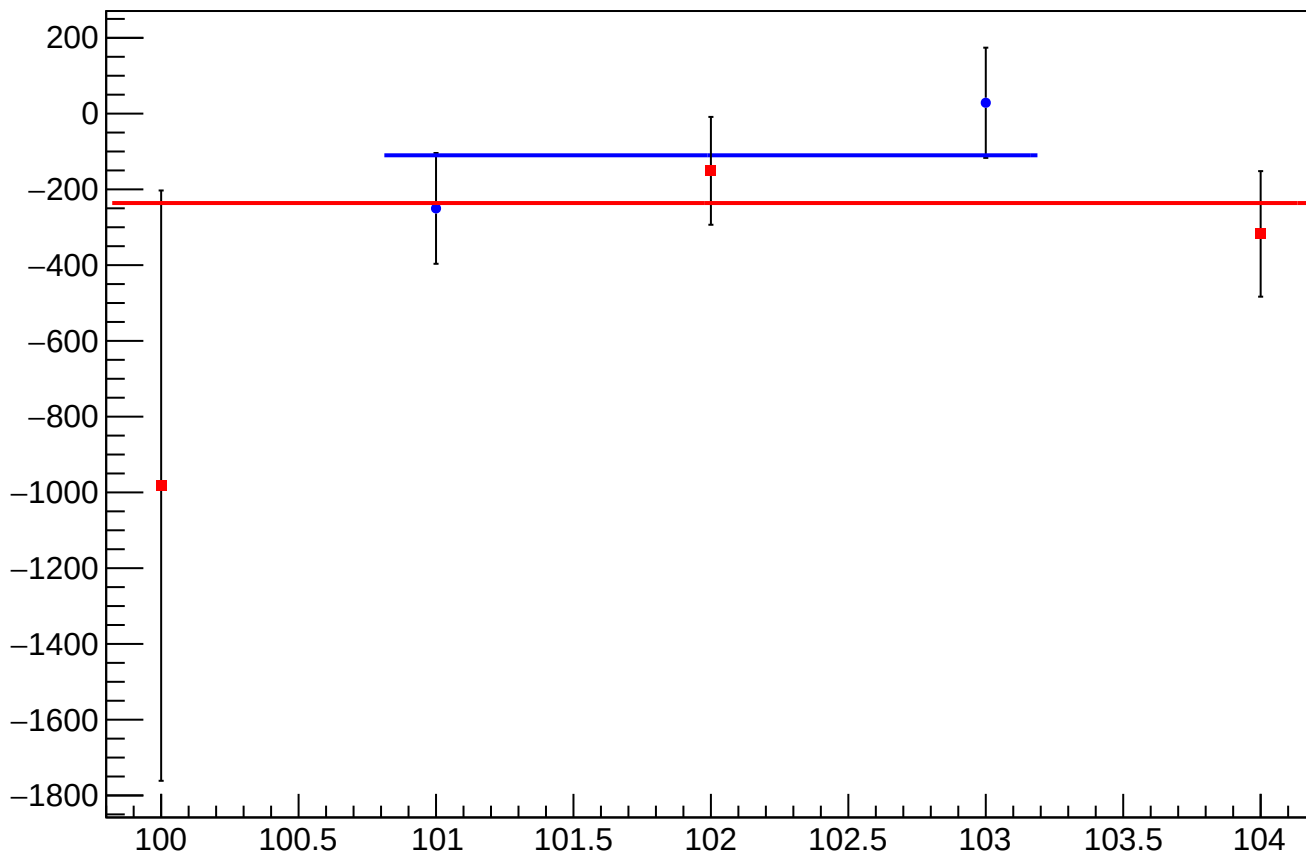
Right: 659.040 $\pm$ 0.295 χ^2 /NDF: 10550.6/4

In: 647.489 $\pm$ 0.408 χ^2 /NDF: 670.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 659.040 $\pm$ 0.295 χ^2 /NDF: 10550.6/4

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -110.044+/-103.134 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -236.081+/-106.967 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

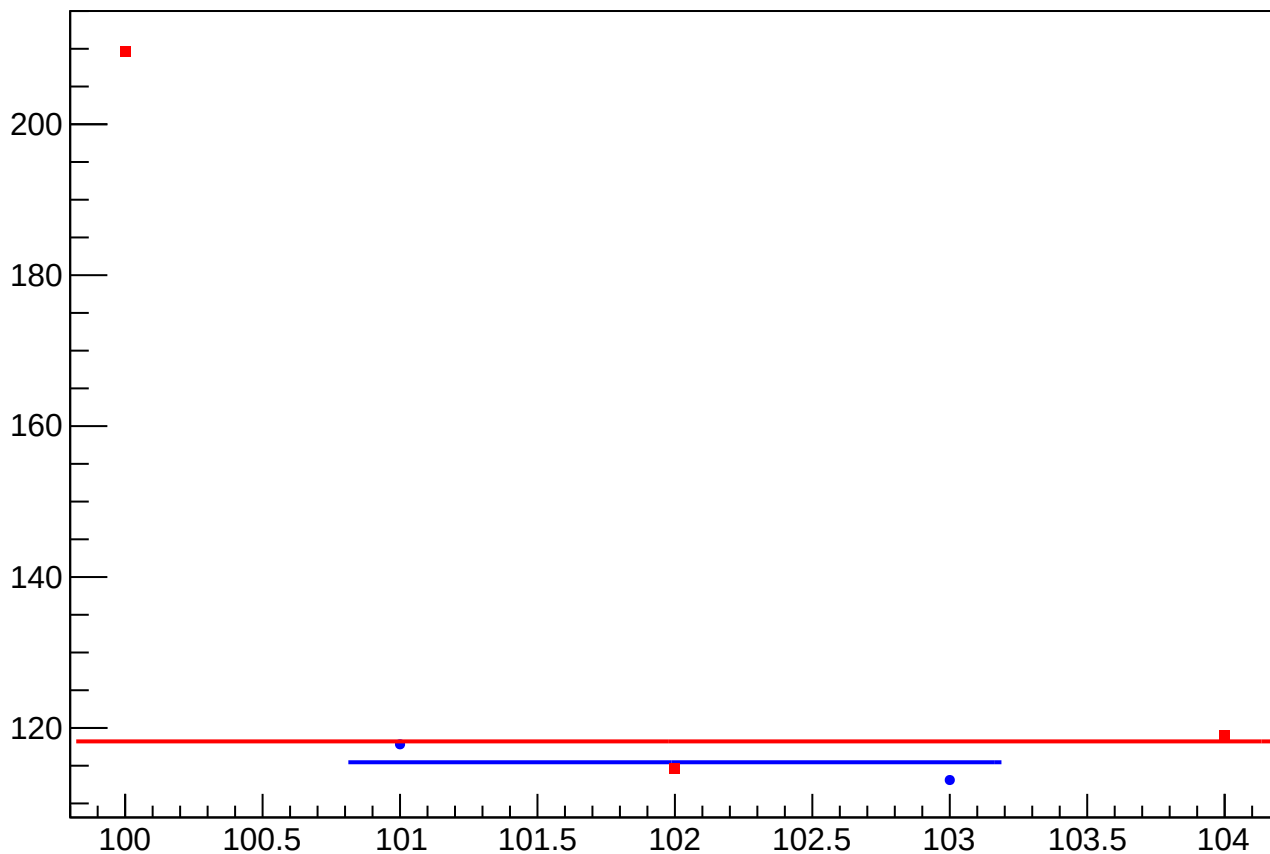
Right: -170.764+/-74.245 χ^2/NDF : 4.1/4

In: -110.044+/-103.134 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.764+/-74.245 χ^2/NDF : 4.1/4

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: 118.221 +/- 0.076 χ^2/NDF : 28869.7/2

Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

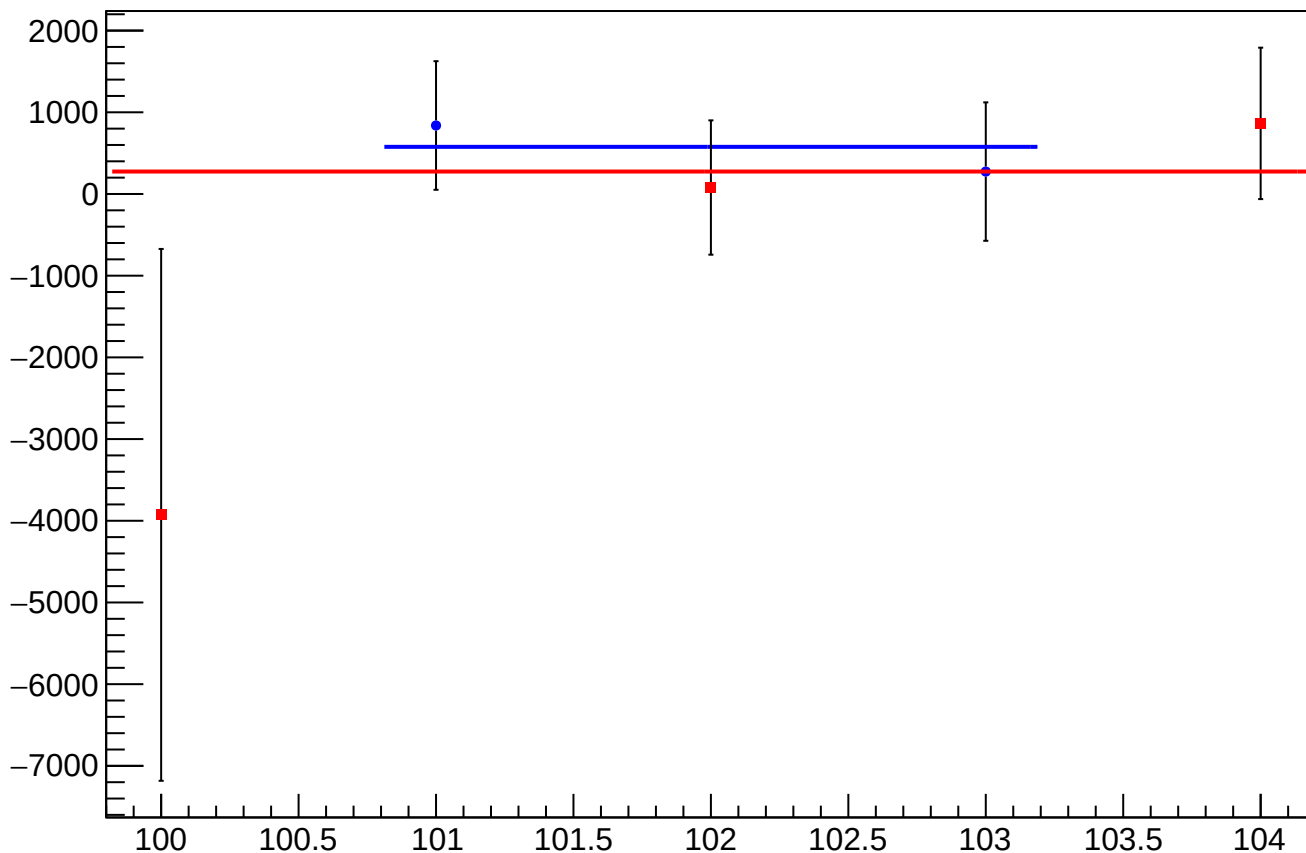
Right: 116.788 +/- 0.052 χ^2/NDF : 30614.9/4

In: 115.456 +/- 0.073 χ^2/NDF : 1052.7/1

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 116.788 +/- 0.052 χ^2/NDF : 30614.9/4

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: 274.801+/-604.292 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

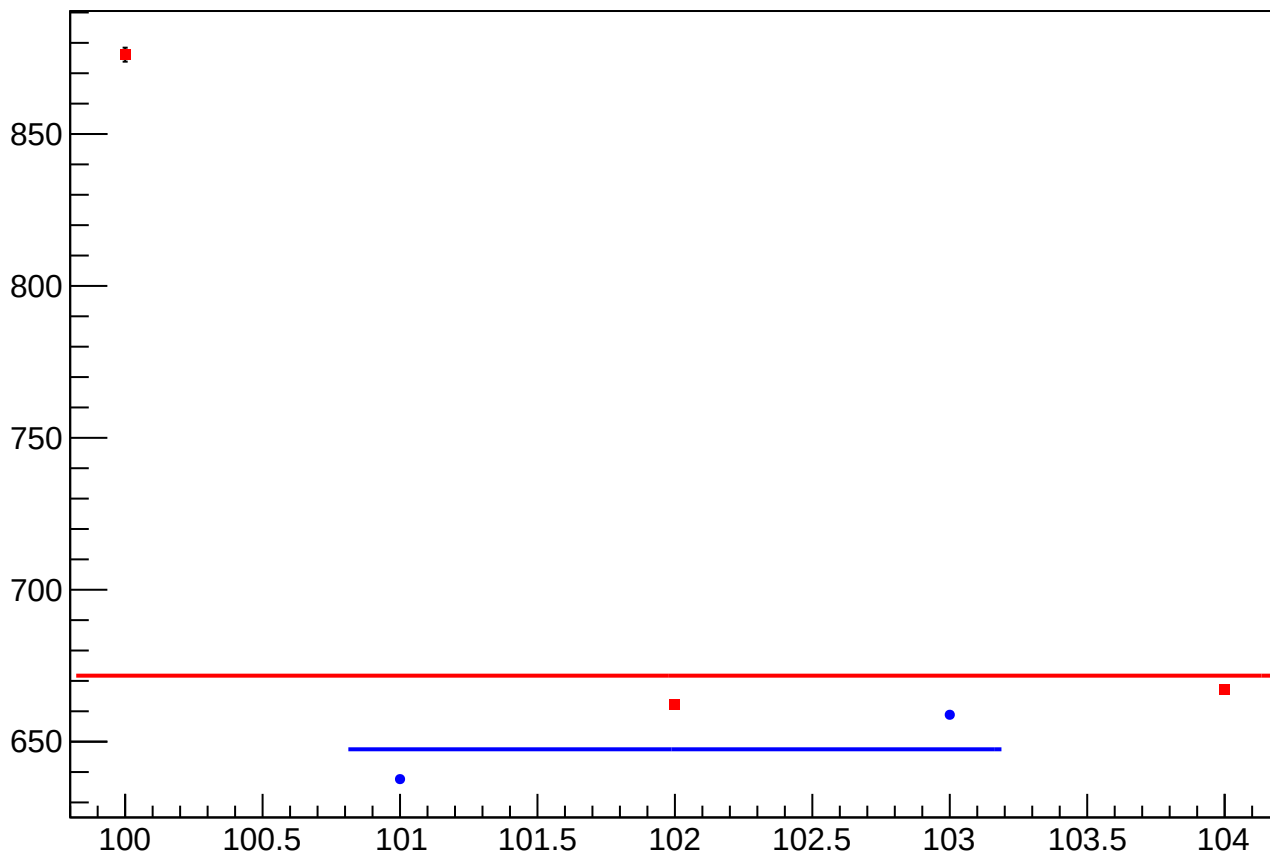
Right: 433.008+/-417.178 χ^2/NDF : 2.5/4

In: 577.067+/-576.638 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.008+/-417.178 χ^2/NDF : 2.5/4

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.489 ± 0.408 $\chi^2/\text{NDF}: 670.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 671.724 ± 0.427 $\chi^2/\text{NDF}: 8196.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

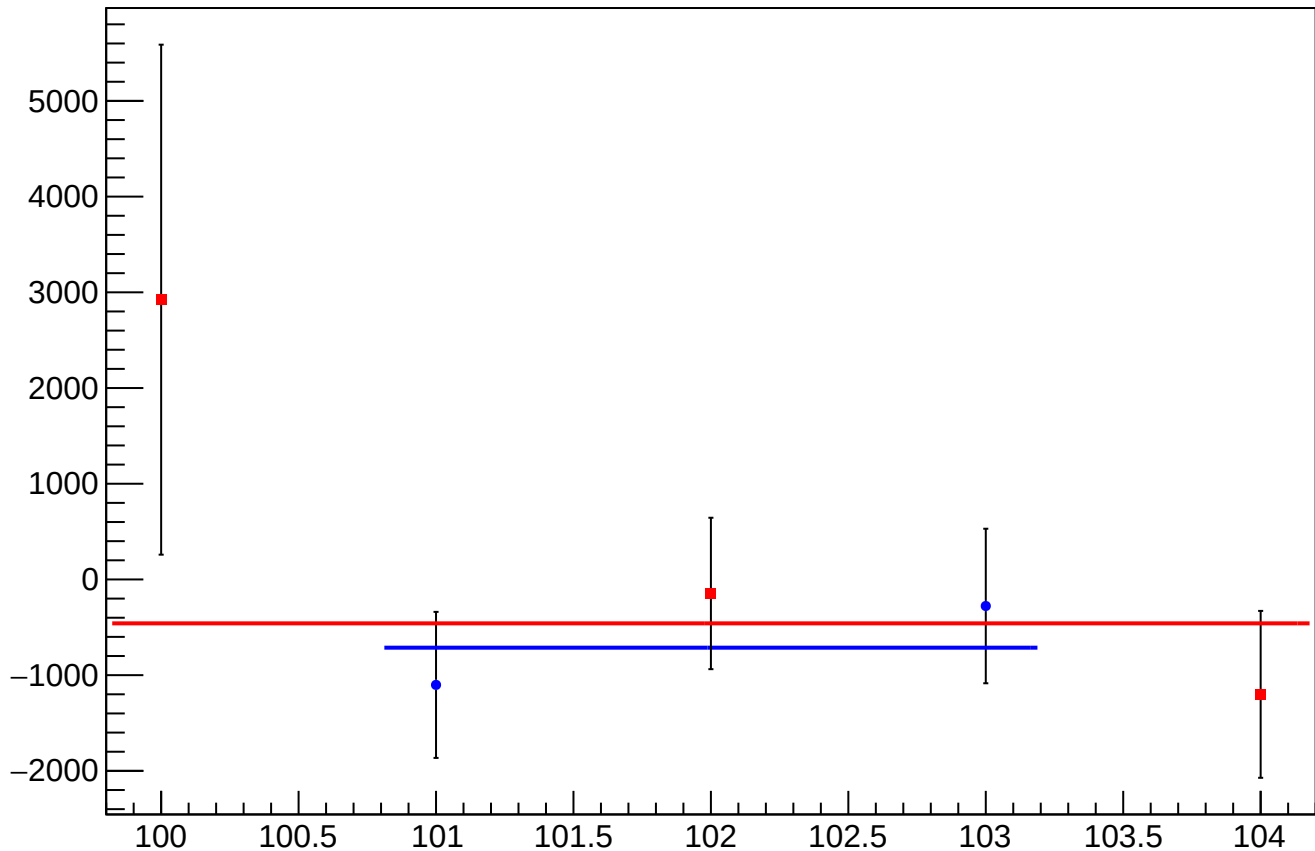
Right: 659.039 ± 0.295 $\chi^2/\text{NDF}: 10550.5/4$

In: 647.489 ± 0.408 $\chi^2/\text{NDF}: 670.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 659.039 ± 0.295 $\chi^2/\text{NDF}: 10550.5/4$

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: -458.758+/-572.176 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

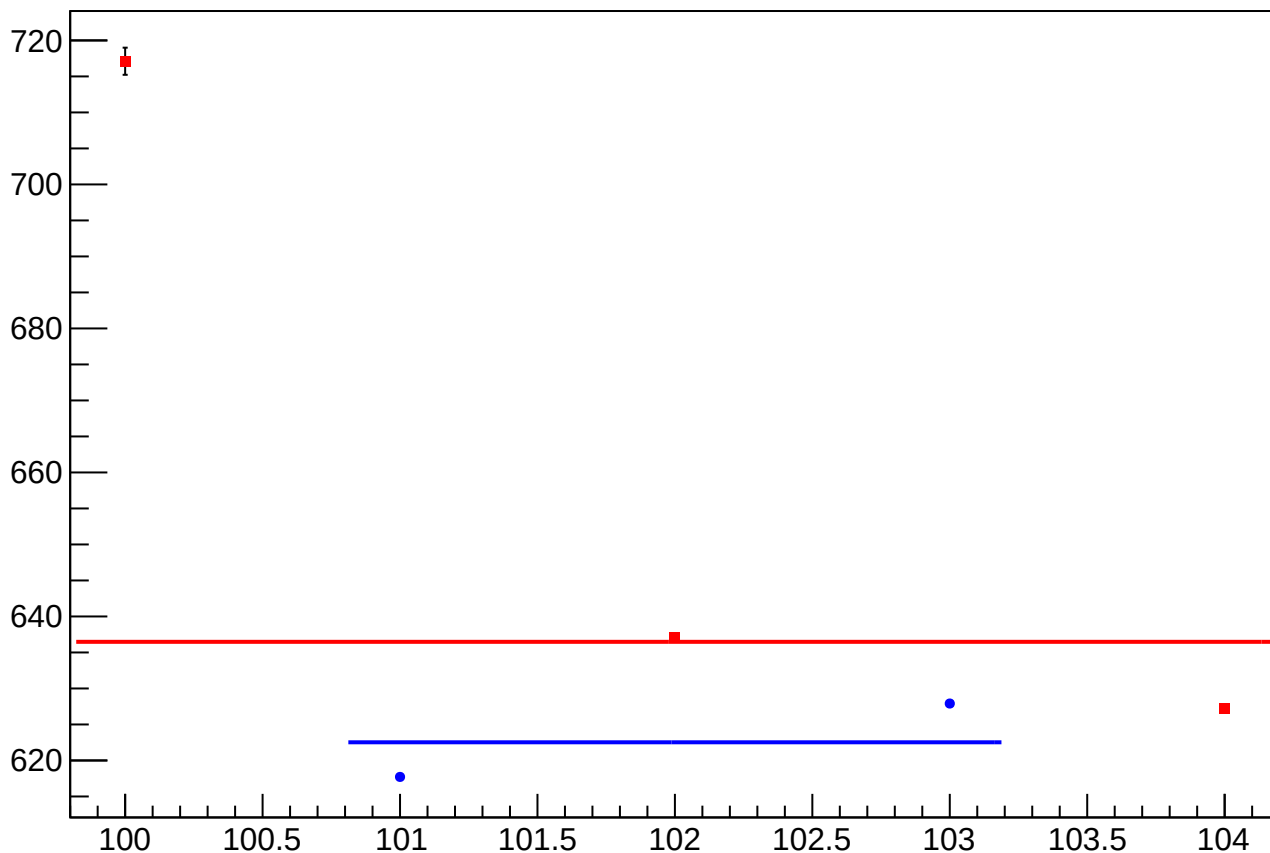
Right: -589.793+/-398.203 χ^2/NDF : 3.1/4

In: -712.869+/-554.527 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -589.793+/-398.203 χ^2/NDF : 3.1/4

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 622.524+/-0.392 χ^2/NDF : 168.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.477+/-0.405 χ^2/NDF : 2059.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

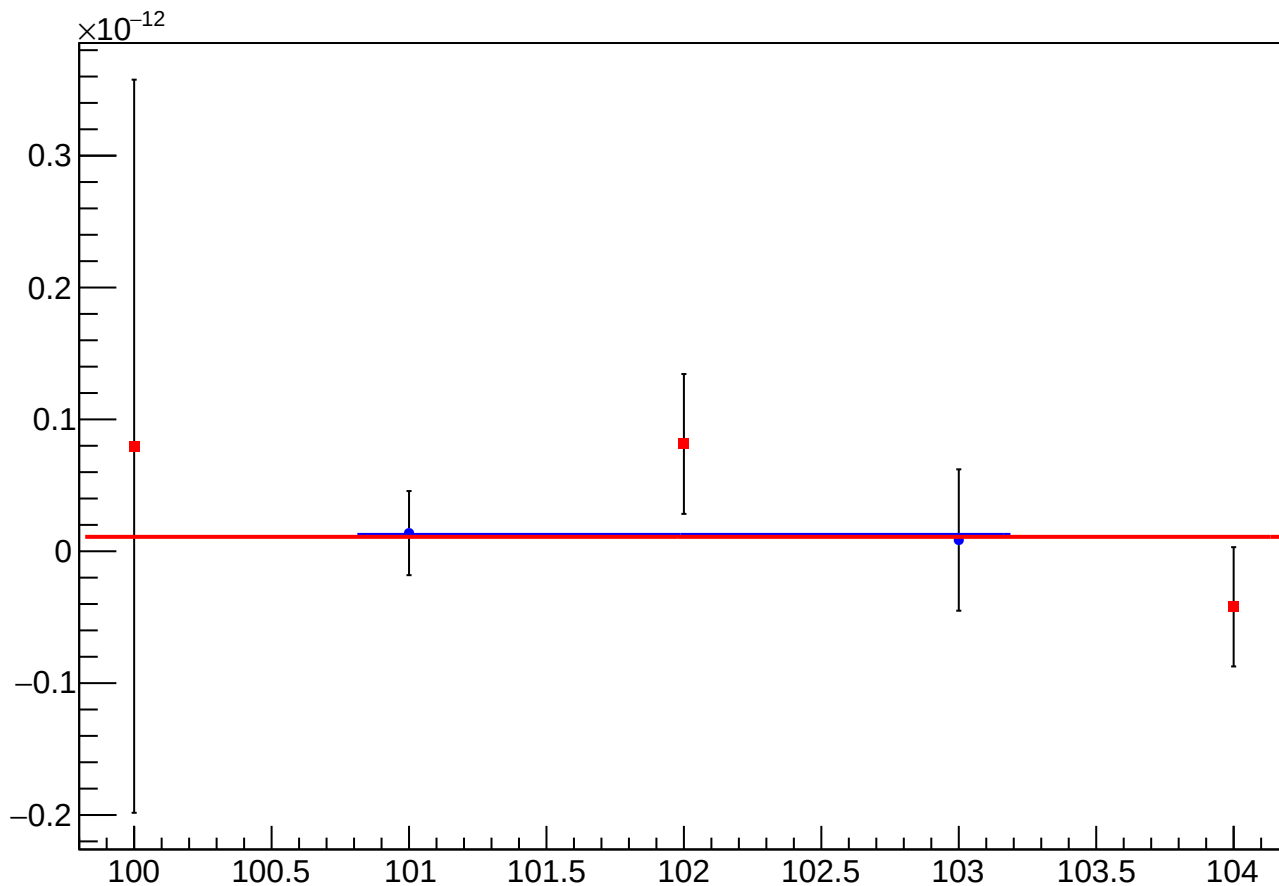
Right: 629.282+/-0.282 χ^2/NDF : 2841.6/4

In: 622.524+/-0.392 χ^2/NDF : 168.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.282+/-0.282 χ^2/NDF : 2841.6/4

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: 3.2/2

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

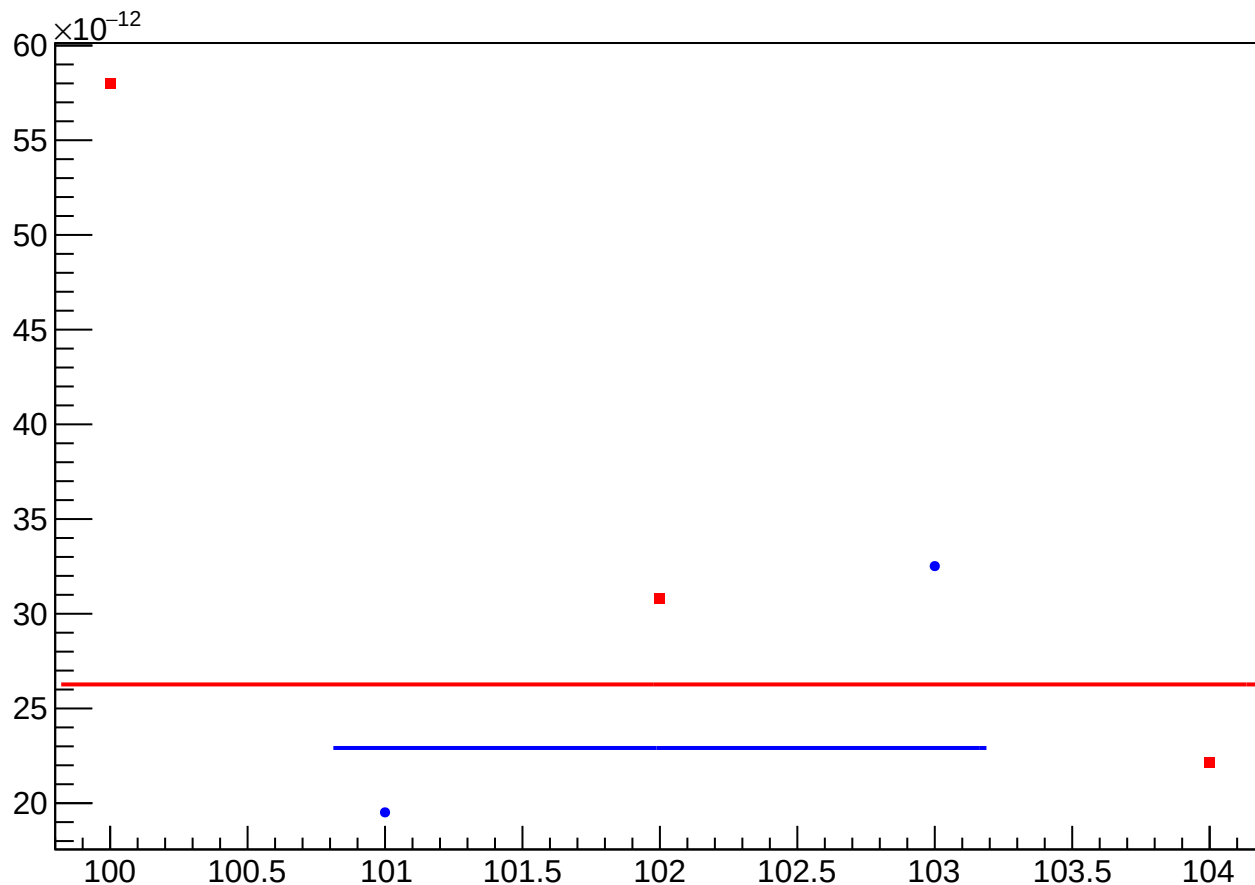
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/4

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: 3.2/4

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 : 57301.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

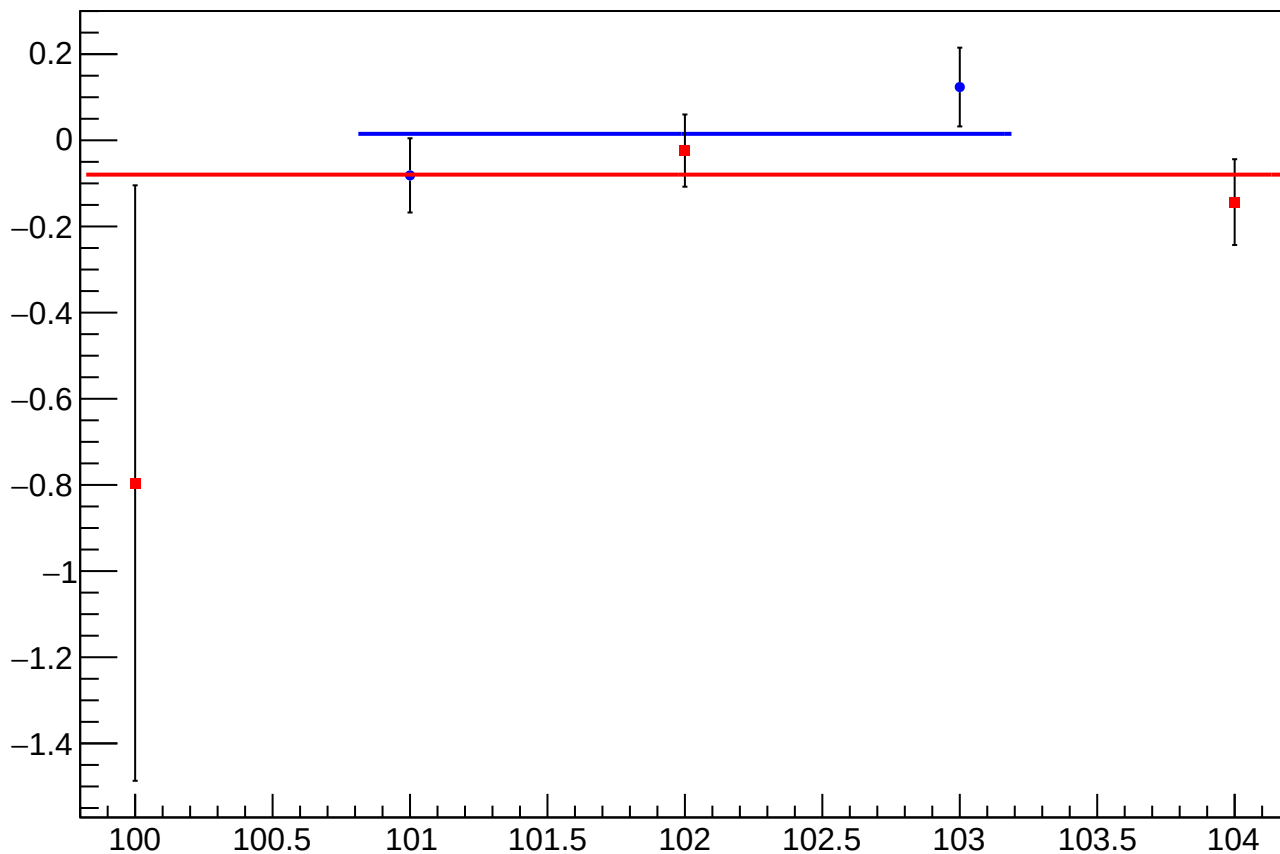
Right: 0.000+/-0.000 χ^2/NDF : 155920.5/4

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 : 155920.5/4

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.080 $\pm$ 0.064 χ^2 /NDF: 1.9/2

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

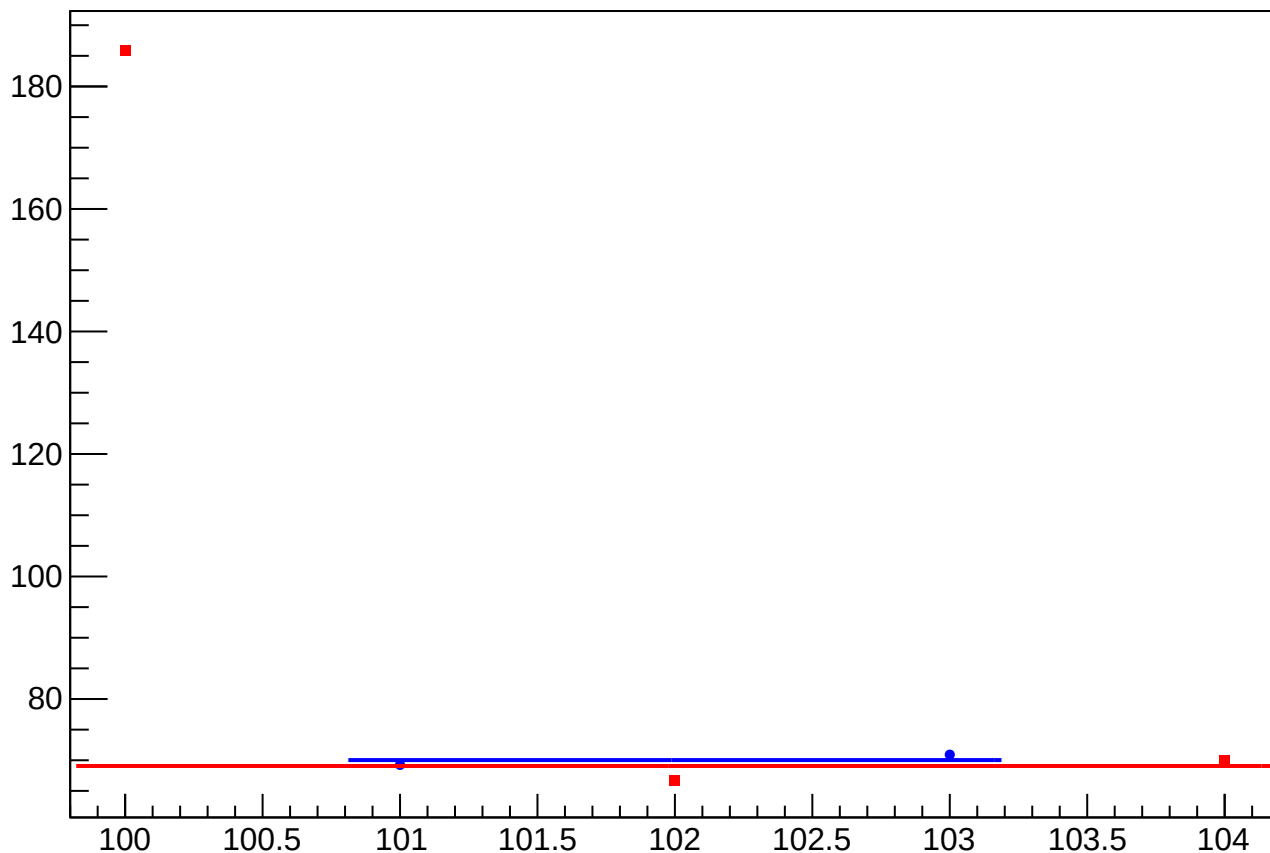
Right: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

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: 69.066+/-0.045 χ^2/NDF : 58843.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

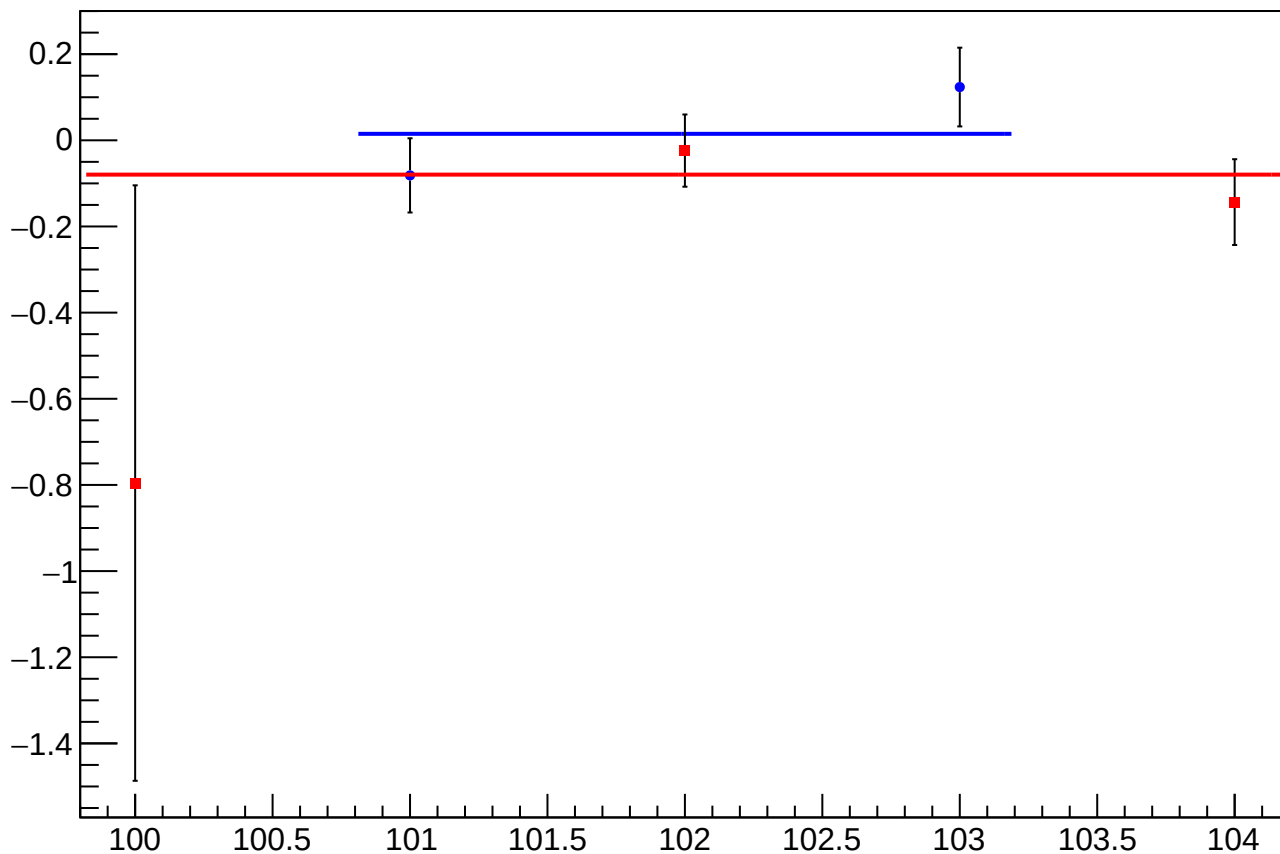
Right: 69.557+/-0.032 χ^2/NDF : 59431.7/4

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.557+/-0.032 χ^2/NDF : 59431.7/4

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.080 $\pm$ 0.064 χ^2 /NDF: 1.9/2

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

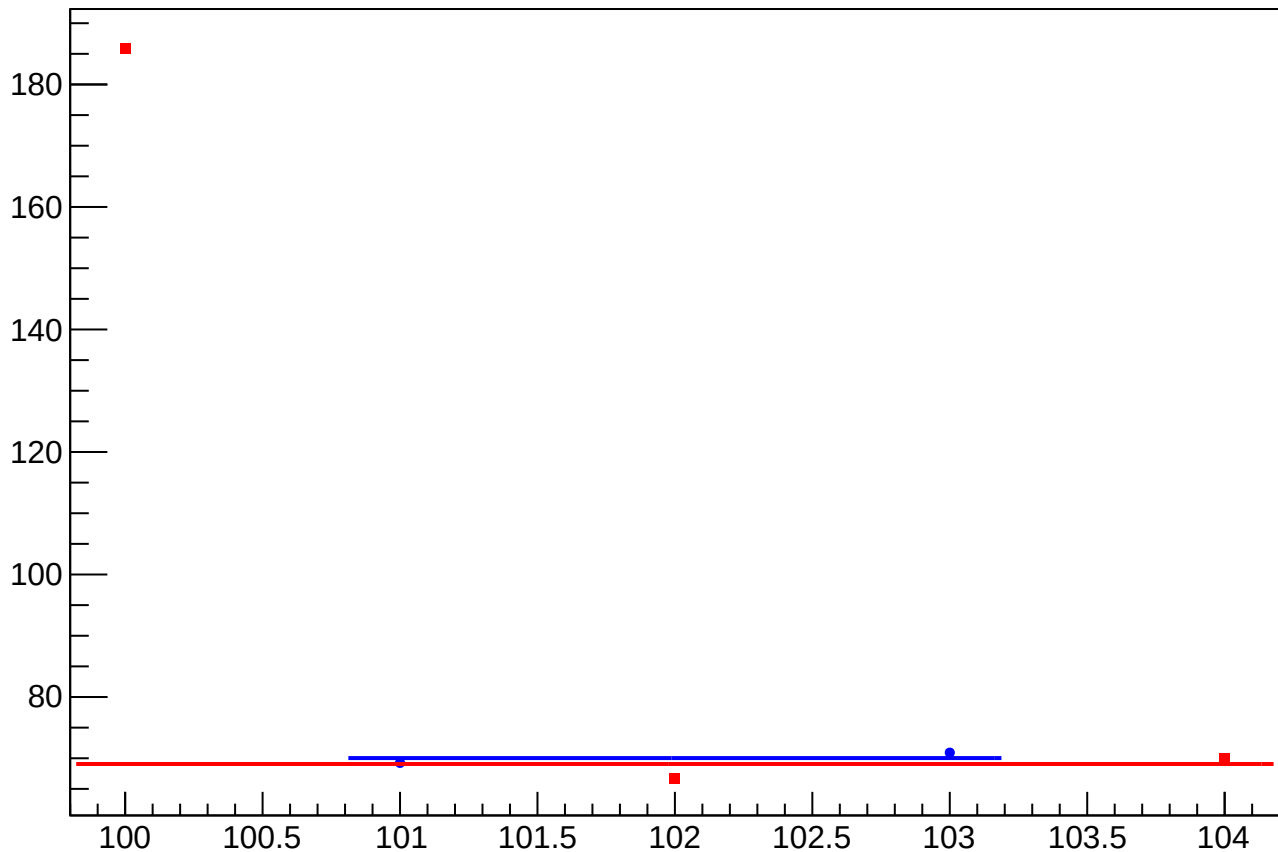
Right: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

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: 69.066+/-0.045 χ^2/NDF : 58843.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

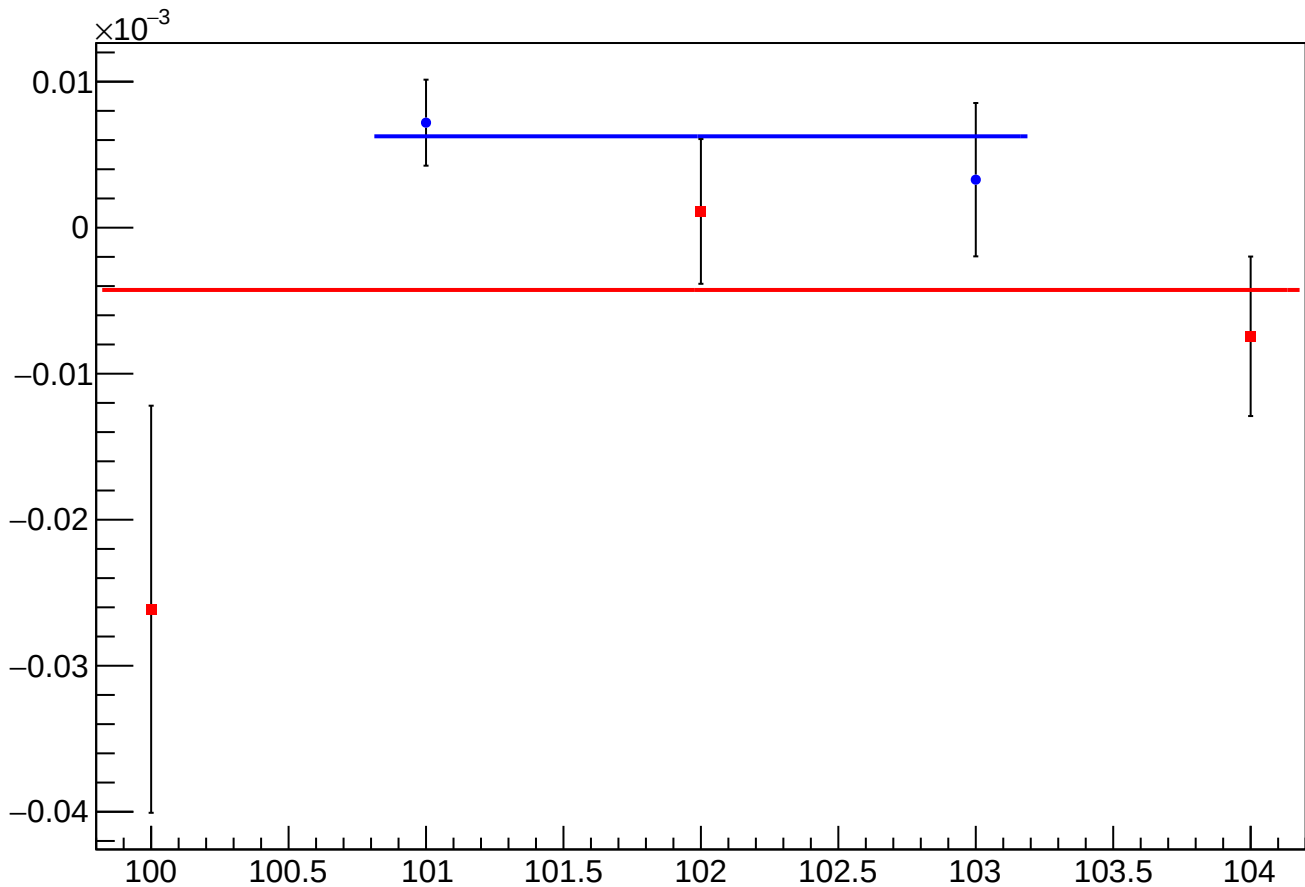
Right: 69.557+/-0.032 χ^2/NDF : 59431.7/4

In: 70.030+/-0.044 χ^2/NDF : 355.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.557+/-0.032 χ^2/NDF : 59431.7/4

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 : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

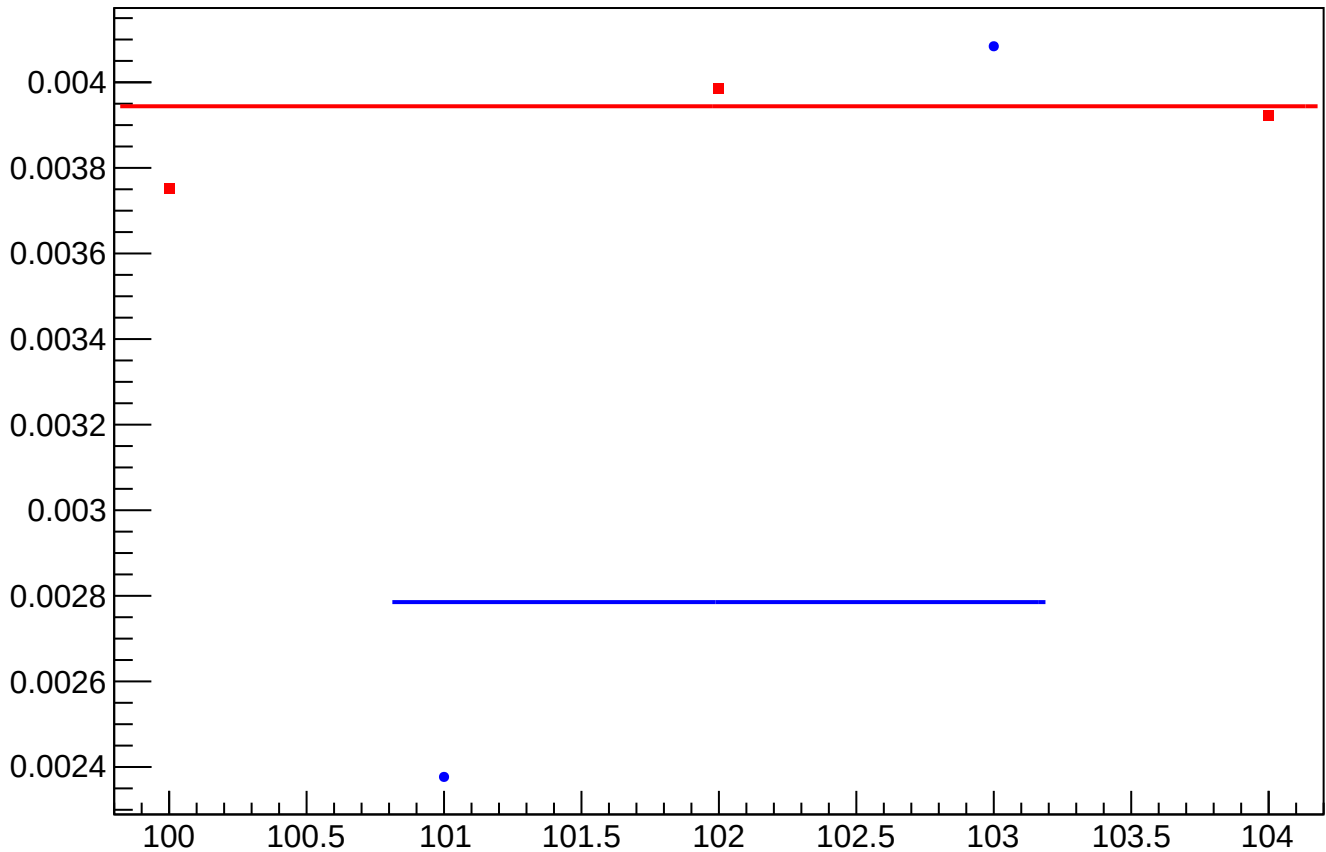
Right: 0.000+/-0.000 χ^2/NDF : 10.2/4

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 : 10.2/4

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 : 556.7/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

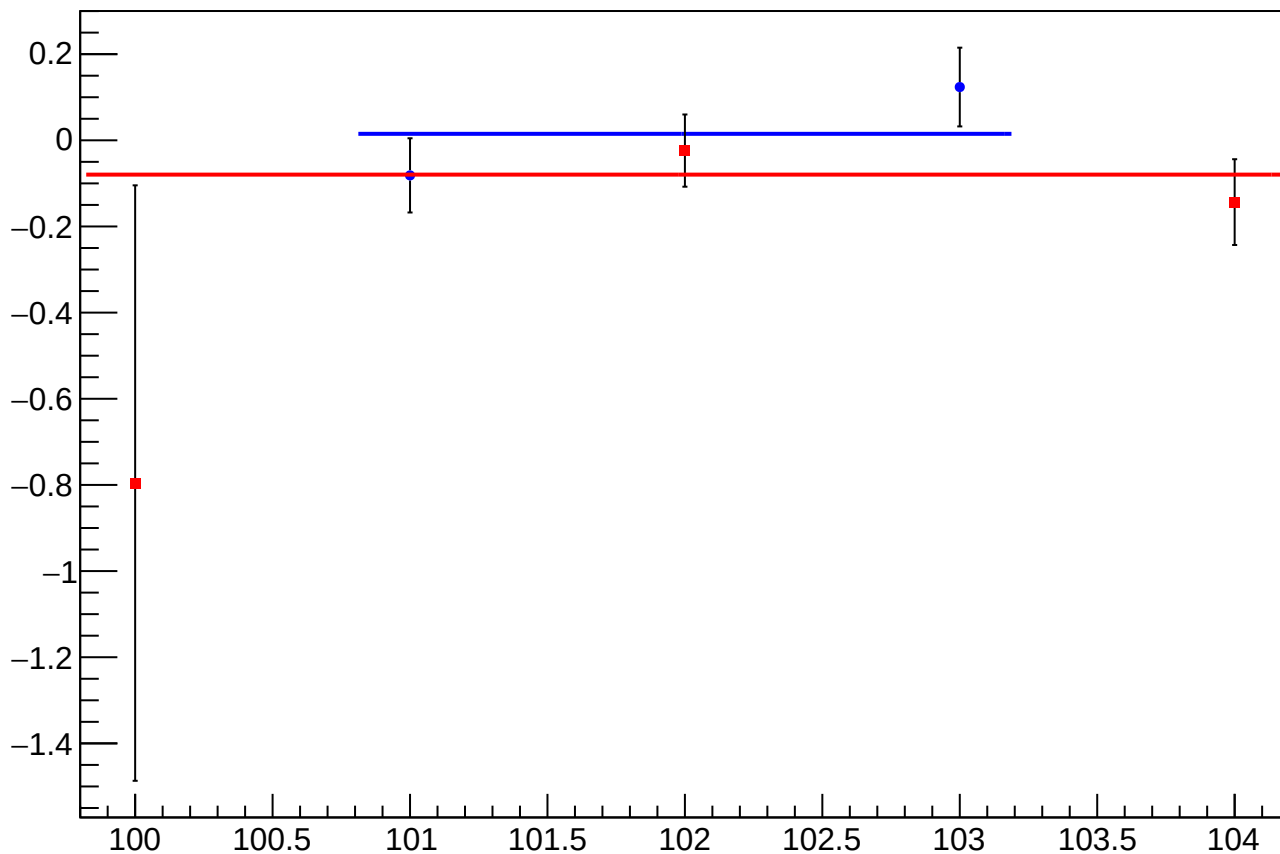
Right: 0.003+/-0.000 χ^2/NDF : 301278.9/4

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 : 301278.9/4

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.080 $\pm$ 0.064 χ^2 /NDF: 1.9/2

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

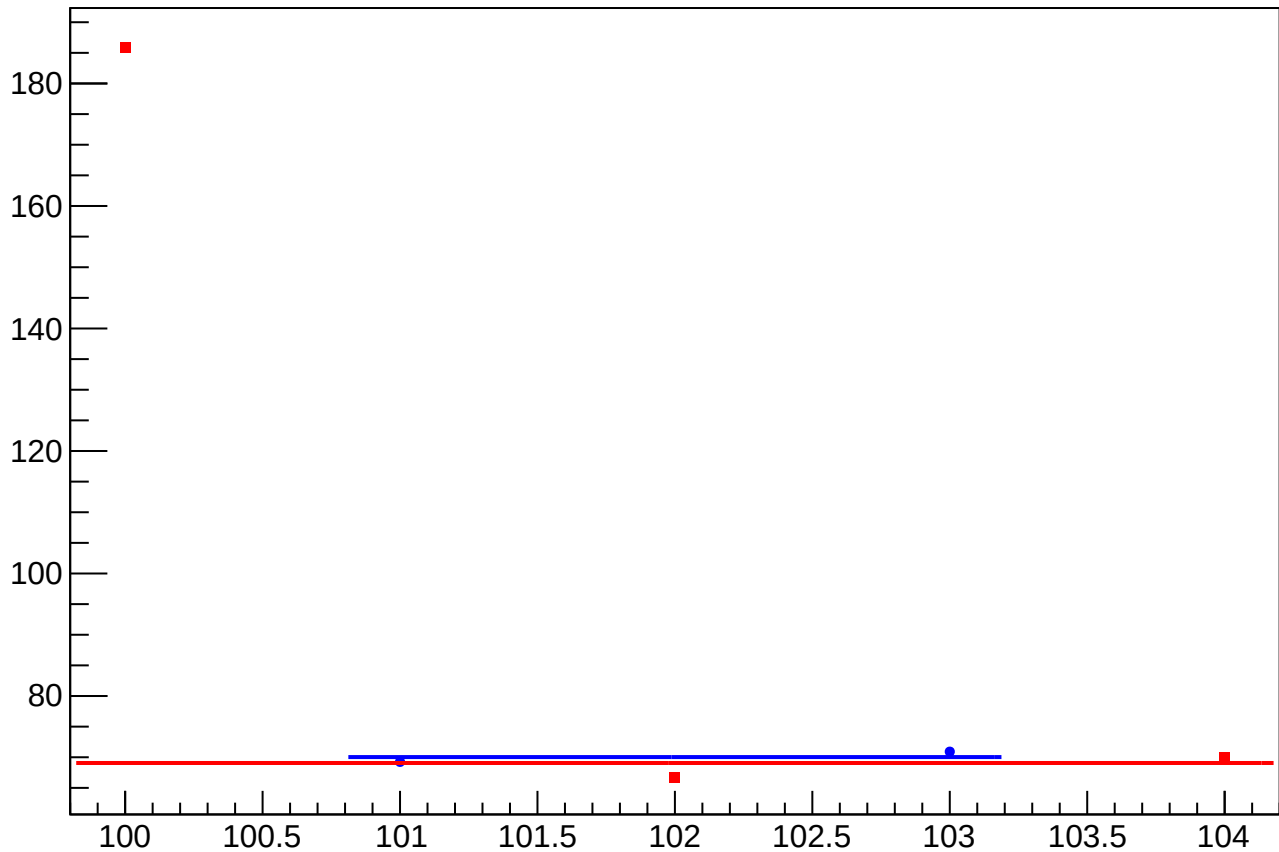
Right: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

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: 69.065 $\pm$ 0.045 χ^2 /NDF: 58845.7/2

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

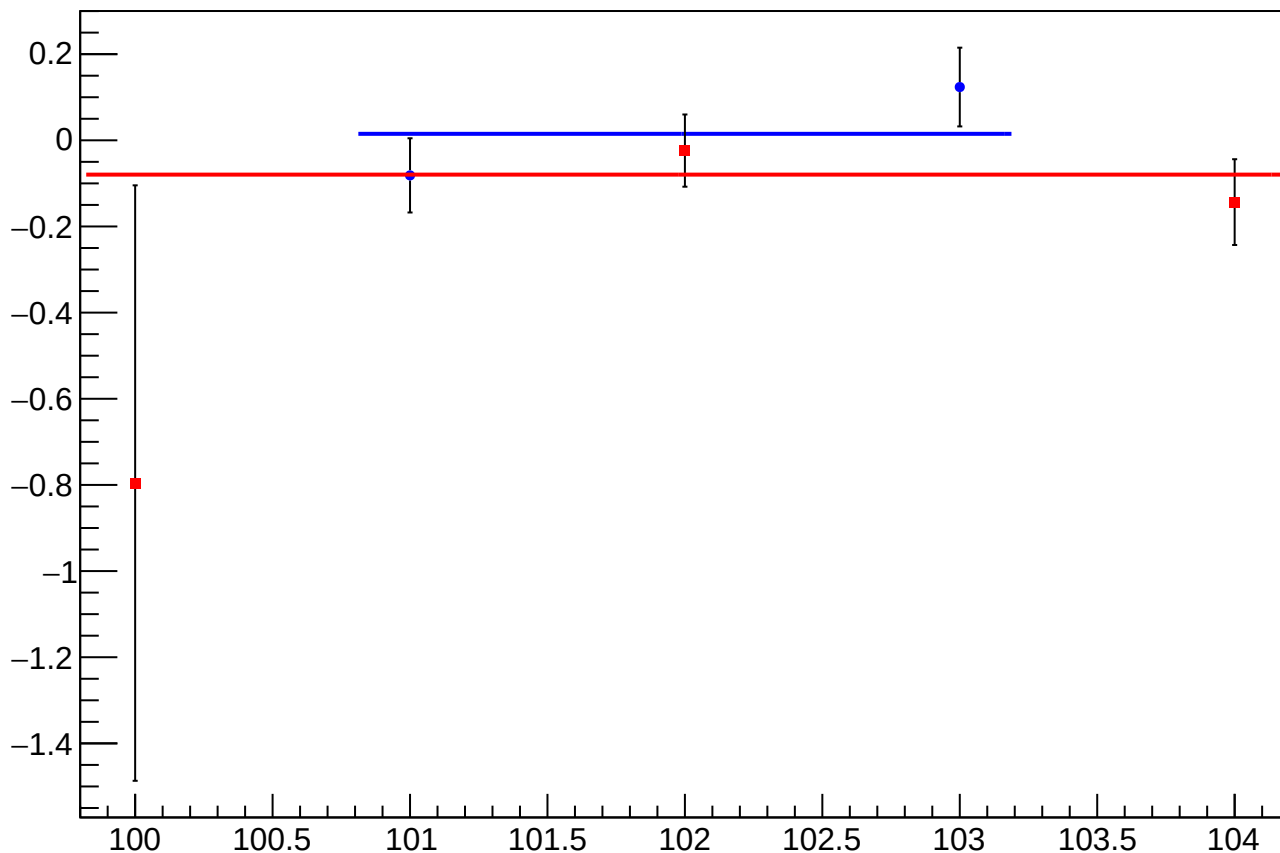
Right: 69.556 $\pm$ 0.032 χ^2 /NDF: 59433.2/4

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: 69.556 $\pm$ 0.032 χ^2 /NDF: 59433.2/4

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.063 χ^2 /NDF: 2.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.080 $\pm$ 0.064 χ^2 /NDF: 1.9/2

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

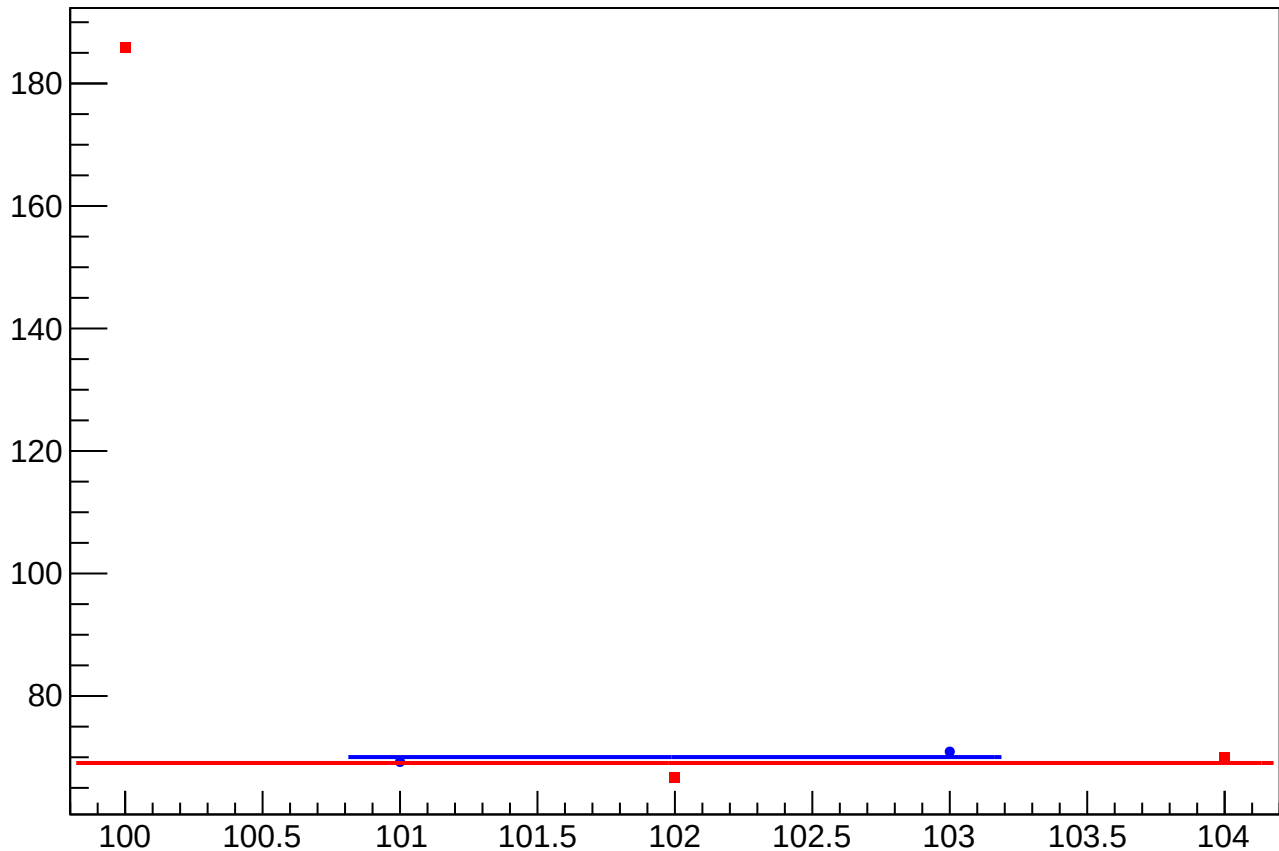
Right: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

In: 0.015 $\pm$ 0.063 χ^2 /NDF:2.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.031 $\pm$ 0.045 χ^2 /NDF: 5.7/4

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: 69.065 $\pm$ 0.045 χ^2 /NDF: 58845.7/2

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

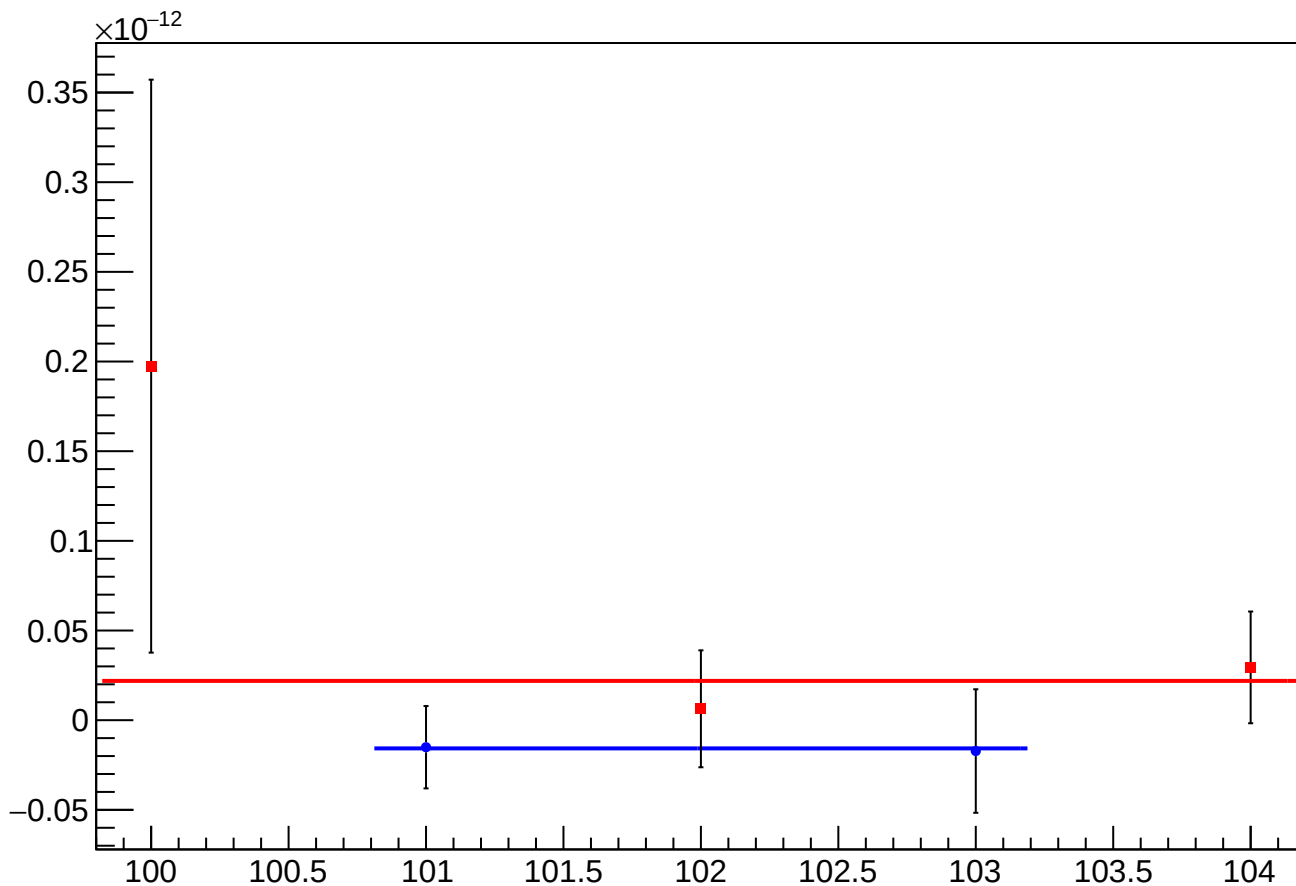
Right: 69.556 $\pm$ 0.032 χ^2 /NDF: 59433.2/4

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: 69.556 $\pm$ 0.032 χ^2 /NDF: 59433.2/4

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 : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

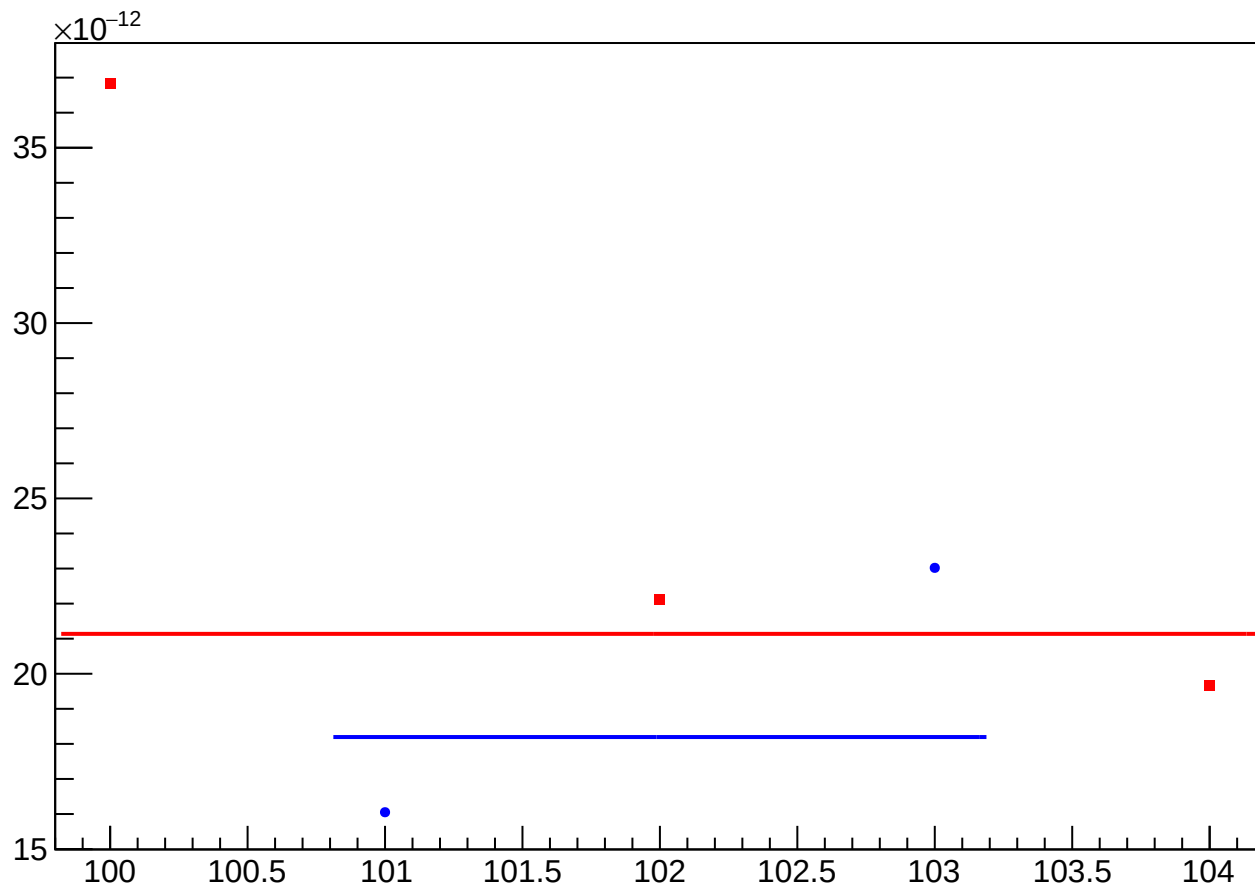
Right: 0.000+/-0.000 χ^2/NDF : 3.1/4

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 : 3.1/4

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 : 25596.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

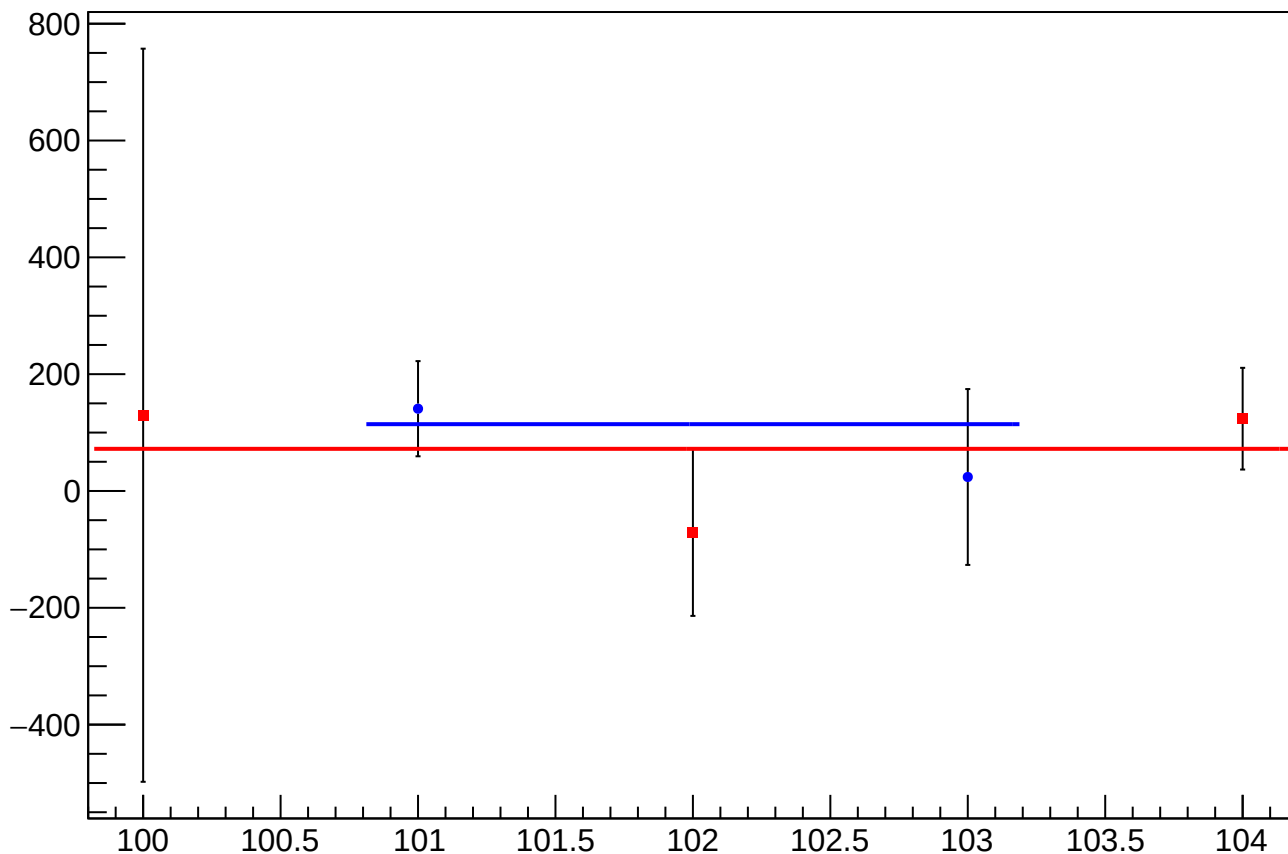
Right: 0.000+/-0.000 χ^2/NDF : 102366.9/4

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 : 102366.9/4

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 114.383+/-71.656 χ^2/NDF : 0.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.166+/-73.891 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

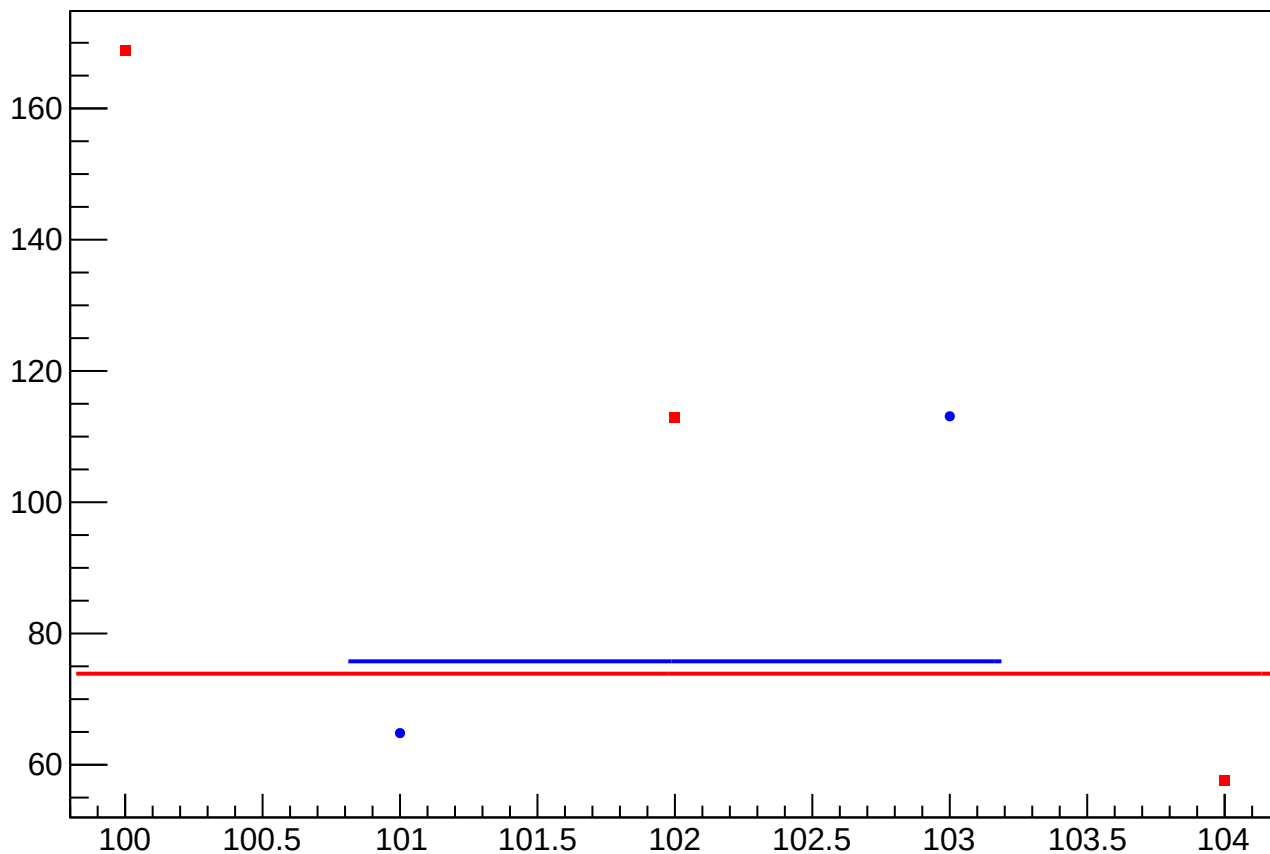
Right: 93.923+/-51.441 χ^2/NDF : 2.0/4

In: 114.383+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.923+/-51.441 χ^2/NDF : 2.0/4

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 75.761 $\pm$ 0.051 χ^2 /NDF: 159026.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.879 $\pm$ 0.052 χ^2 /NDF: 264274.1/2

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

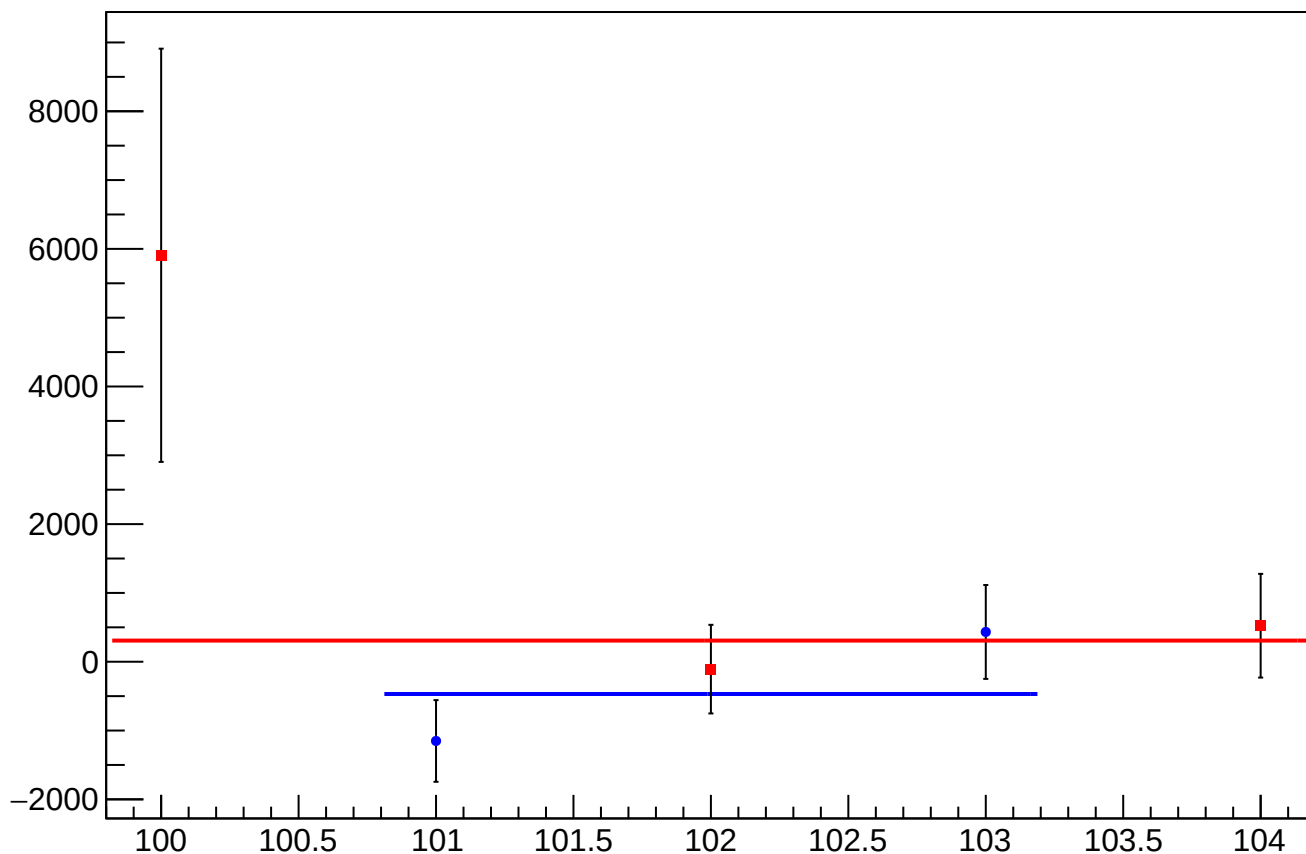
Right: 74.849 $\pm$ 0.036 χ^2 /NDF: 423969.3/4

In: 75.761 $\pm$ 0.051 χ^2 /NDF:159026.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.849 $\pm$ 0.036 χ^2 /NDF: 423969.3/4

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: 307.499+/-483.222 χ^2 /NDF: 4.0/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

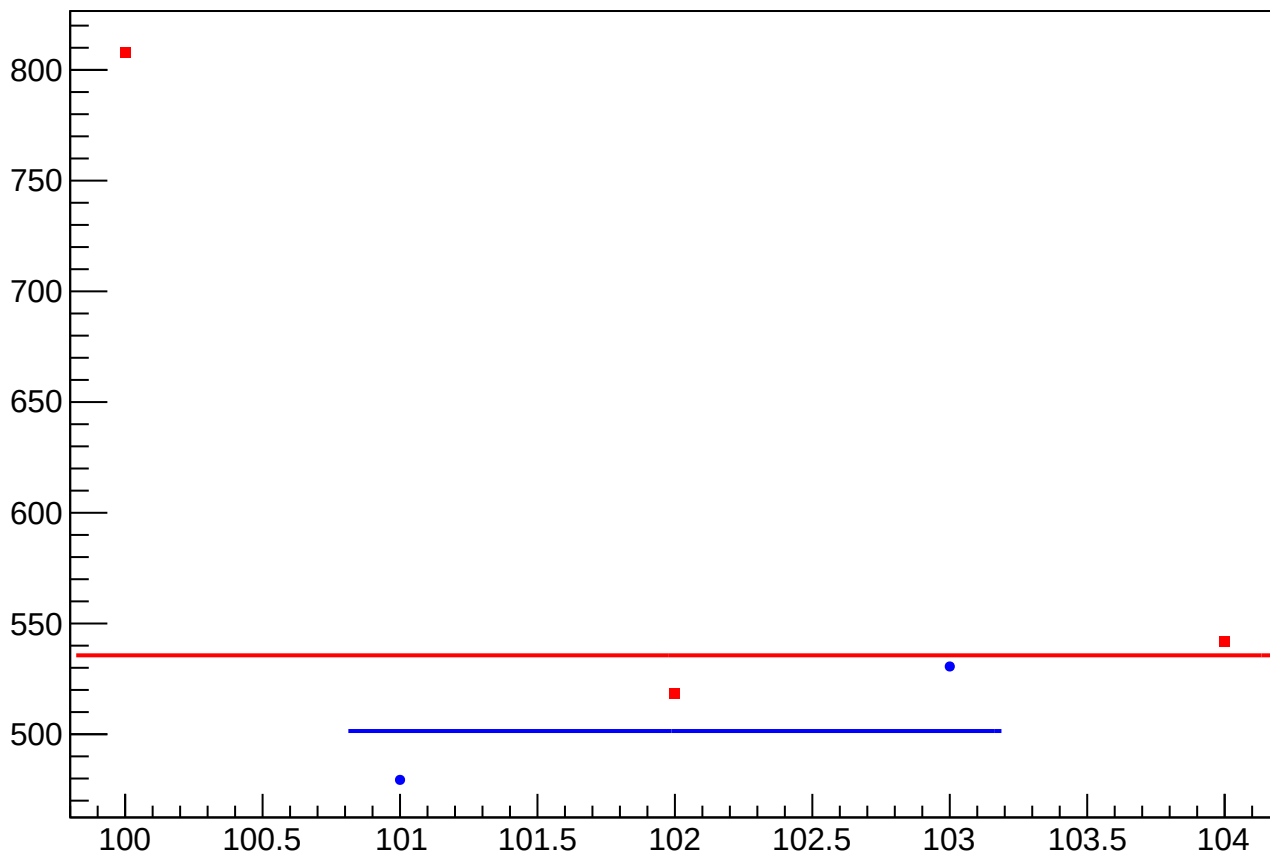
Right: -110.246+/-328.434 χ^2 /NDF: 8.4/4

In: -468.919+/-447.755 χ^2 /NDF: 3.1/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -110.246+/-328.434 χ^2 /NDF: 8.4/4

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: 535.631+/-0.342 χ^2/NDF : 17984.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

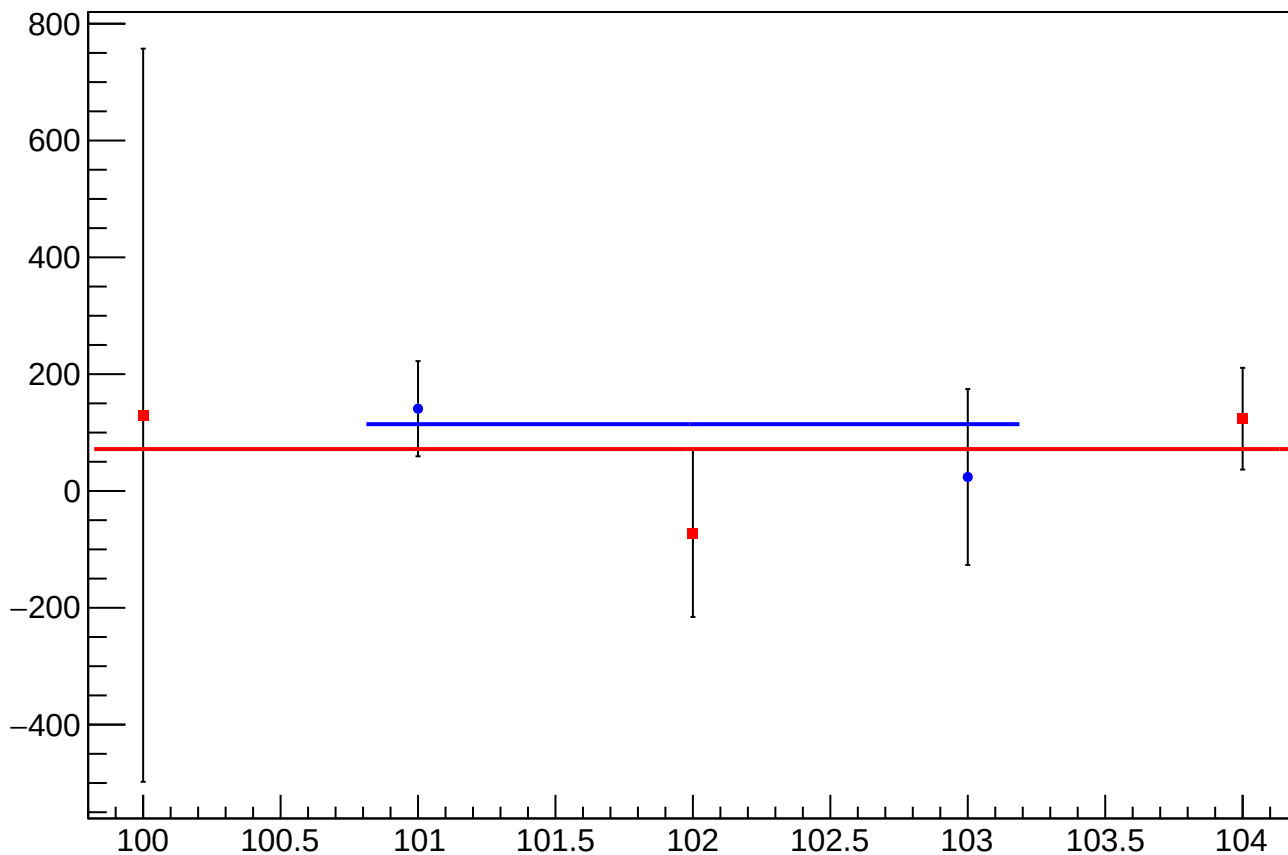
Right: 517.241+/-0.232 χ^2/NDF : 29783.0/4

In: 501.451+/-0.317 χ^2/NDF : 6414.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.241+/-0.232 χ^2/NDF : 29783.0/4

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: 71.724+/-73.901 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

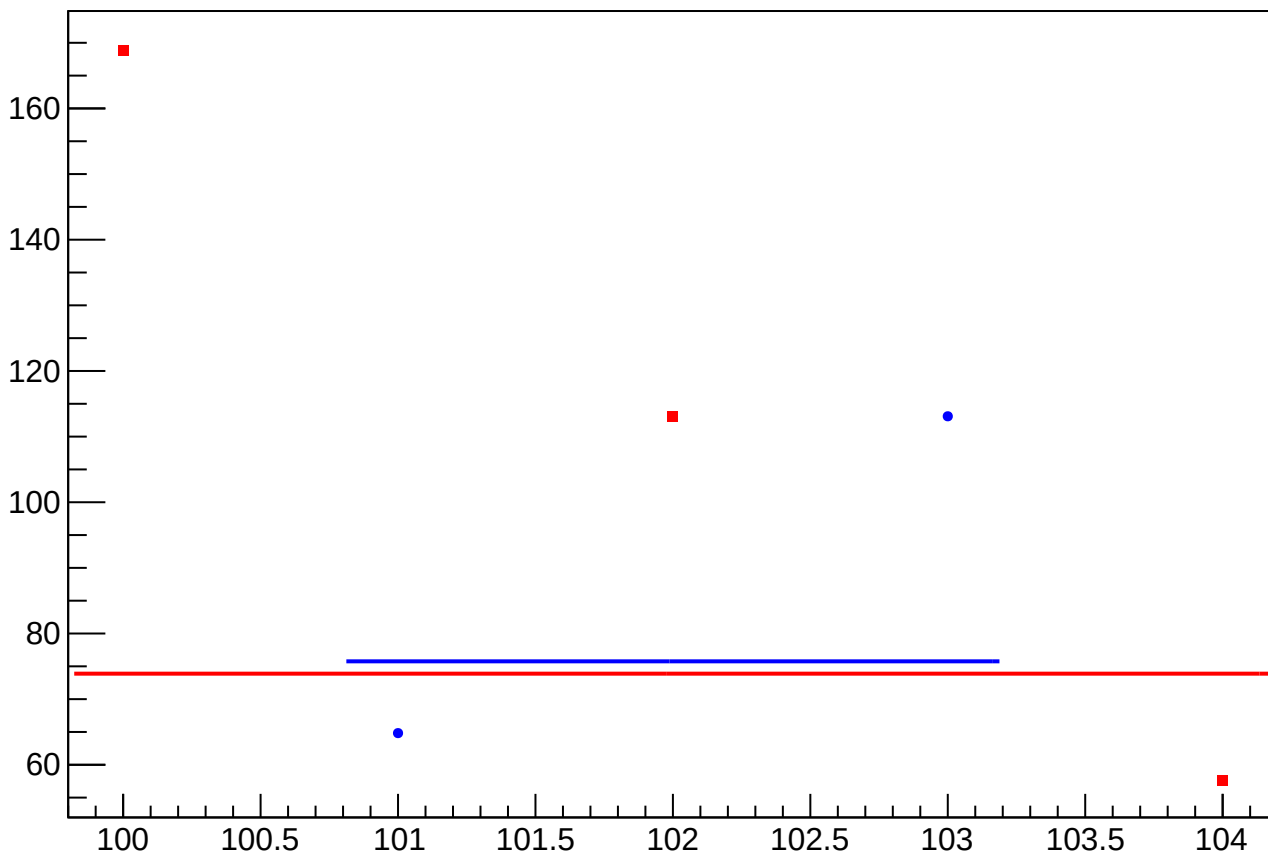
Right: 93.704+/-51.444 χ^2/NDF : 2.0/4

In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.704+/-51.444 χ^2/NDF : 2.0/4

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: 73.883+/-0.052 χ^2/NDF : 264507.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

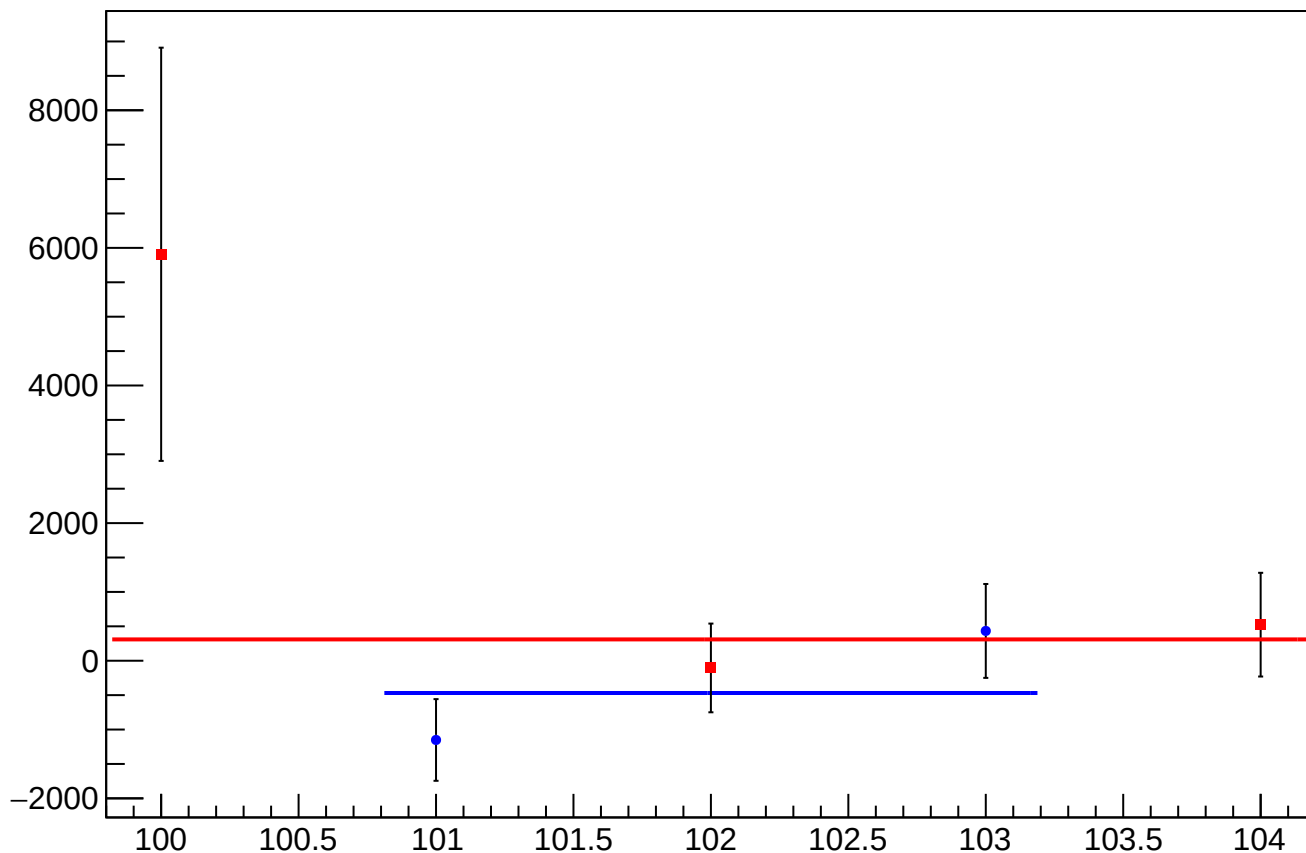
Right: 74.851+/-0.036 χ^2/NDF : 424202.2/4

In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.851+/-0.036 χ^2/NDF : 424202.2/4

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: 309.921+/-483.486 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

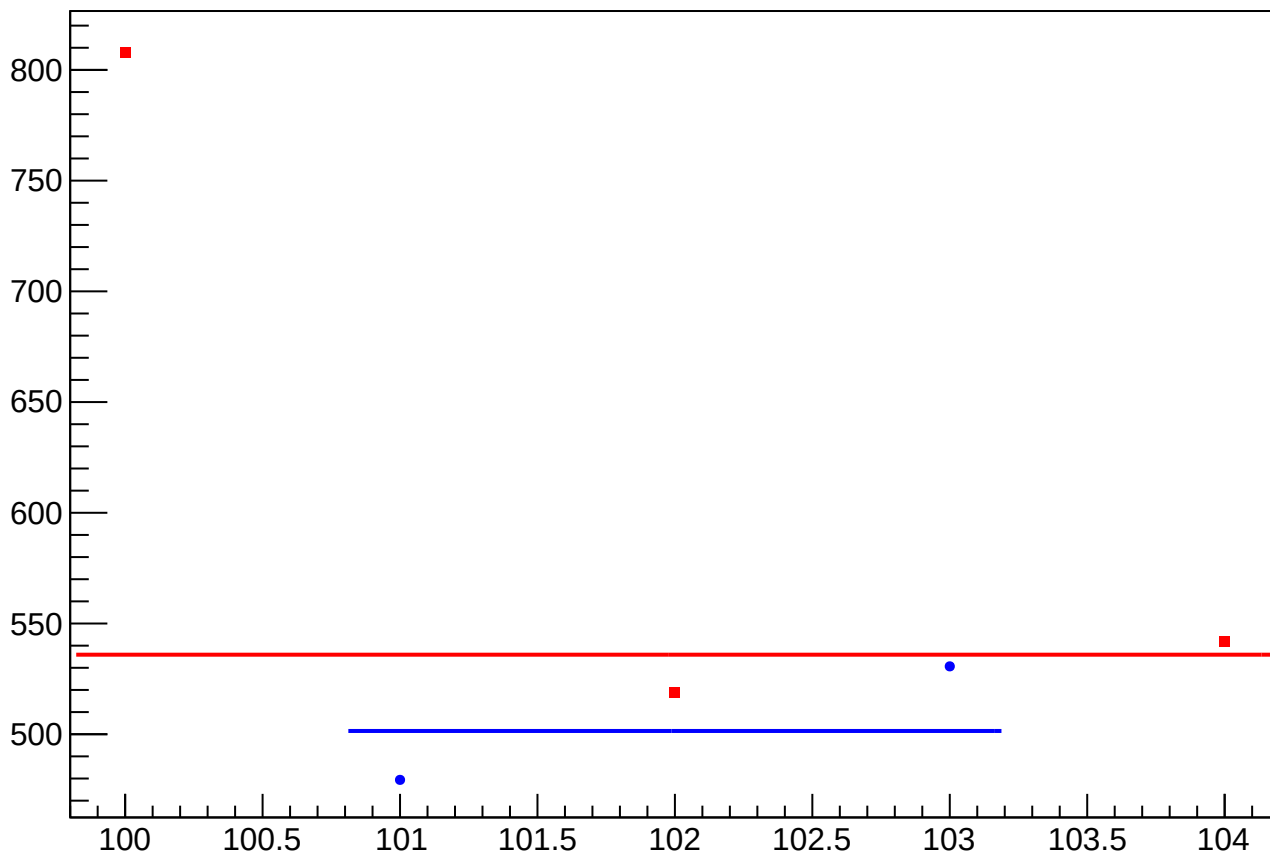
Right: -109.287+/-328.525 χ^2/NDF : 8.4/4

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.287+/-328.525 χ^2/NDF : 8.4/4

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 535.920+/-0.342 χ^2/NDF : 17908.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

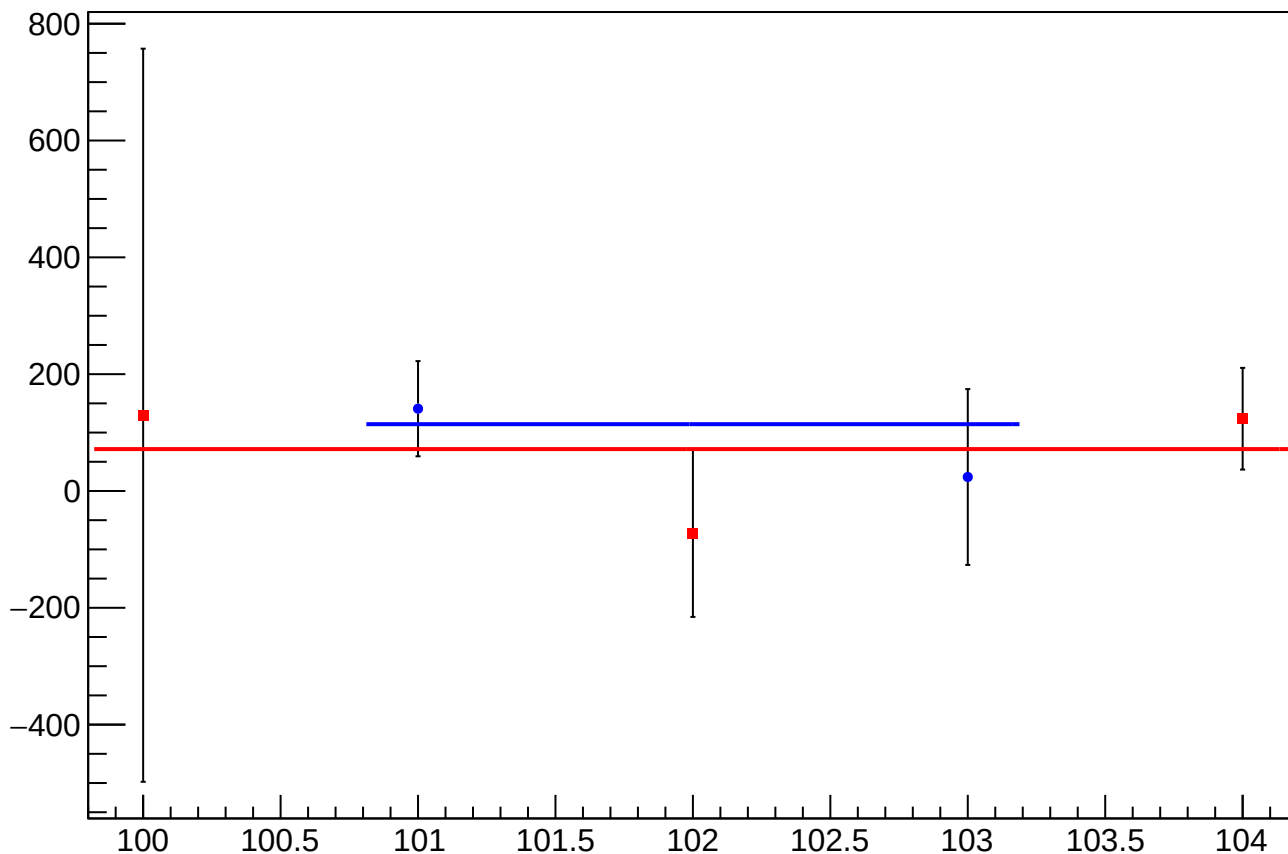
Right: 517.378+/-0.232 χ^2/NDF : 29801.3/4

In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.378+/-0.232 χ^2/NDF : 29801.3/4

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: 71.724+/-73.901 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

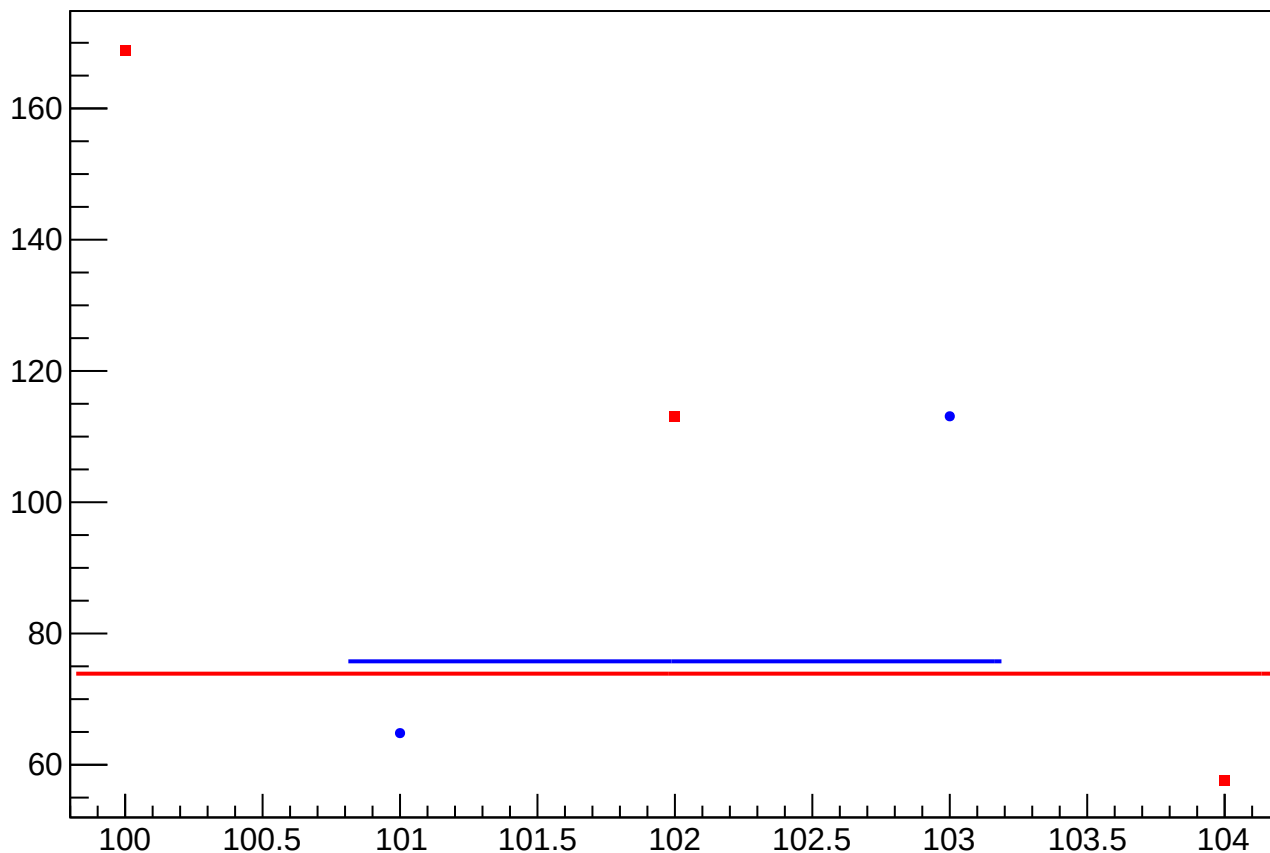
Right: 93.704+/-51.444 χ^2/NDF : 2.0/4

In: 114.370+/-71.656 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.704+/-51.444 χ^2/NDF : 2.0/4

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: 73.883+/-0.052 χ^2/NDF : 264507.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

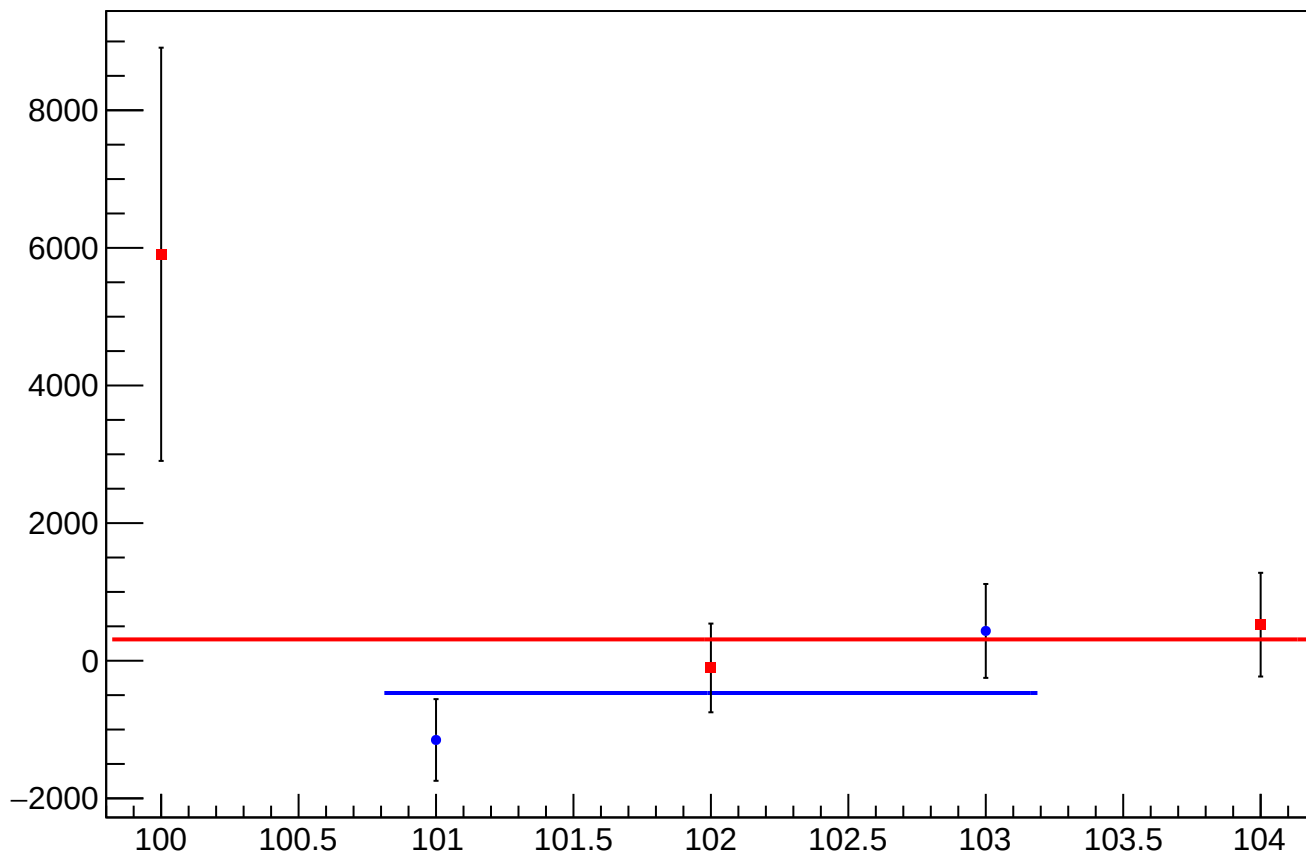
Right: 74.851+/-0.036 χ^2/NDF : 424202.2/4

In: 75.761+/-0.051 χ^2/NDF : 159028.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.851+/-0.036 χ^2/NDF : 424202.2/4

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: 309.921+/-483.486 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

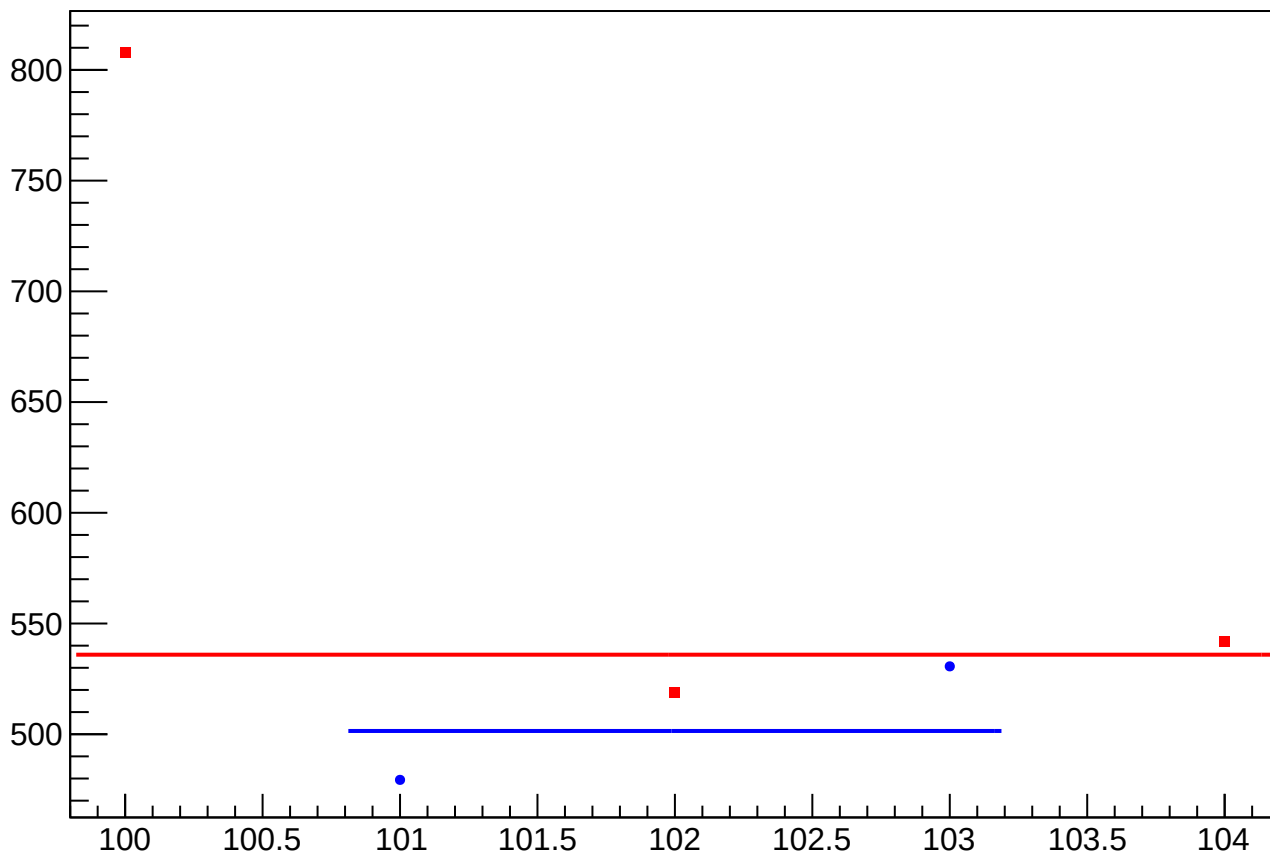
Right: -109.287+/-328.525 χ^2/NDF : 8.4/4

In: -468.858+/-447.776 χ^2/NDF : 3.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.287+/-328.525 χ^2/NDF : 8.4/4

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: 535.920+/-0.342 χ^2/NDF : 17908.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

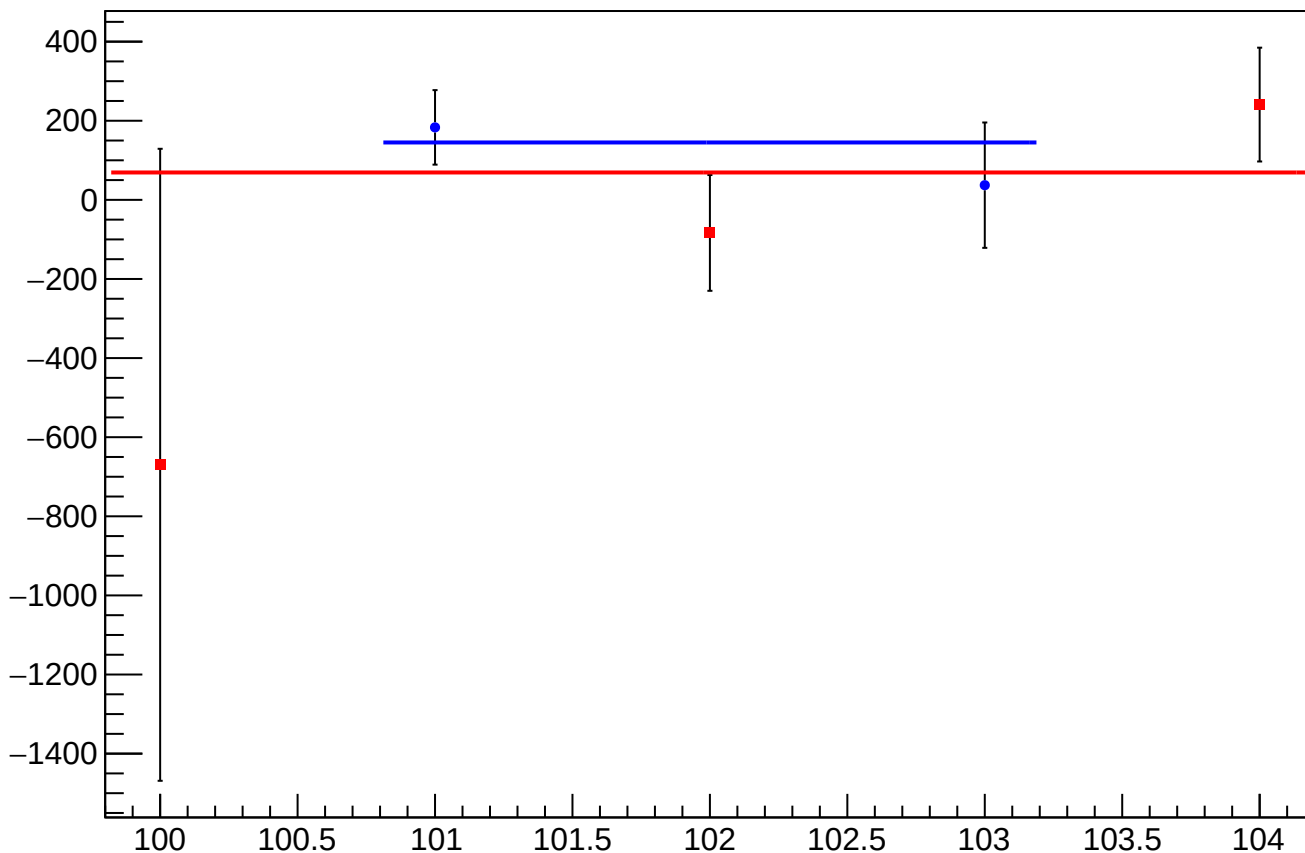
Right: 517.378+/-0.232 χ^2/NDF : 29801.3/4

In: 501.474+/-0.317 χ^2/NDF : 6427.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.378+/-0.232 χ^2/NDF : 29801.3/4

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: 69.233 $\pm$ 101.760 χ^2 /NDF: 3.4/2

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

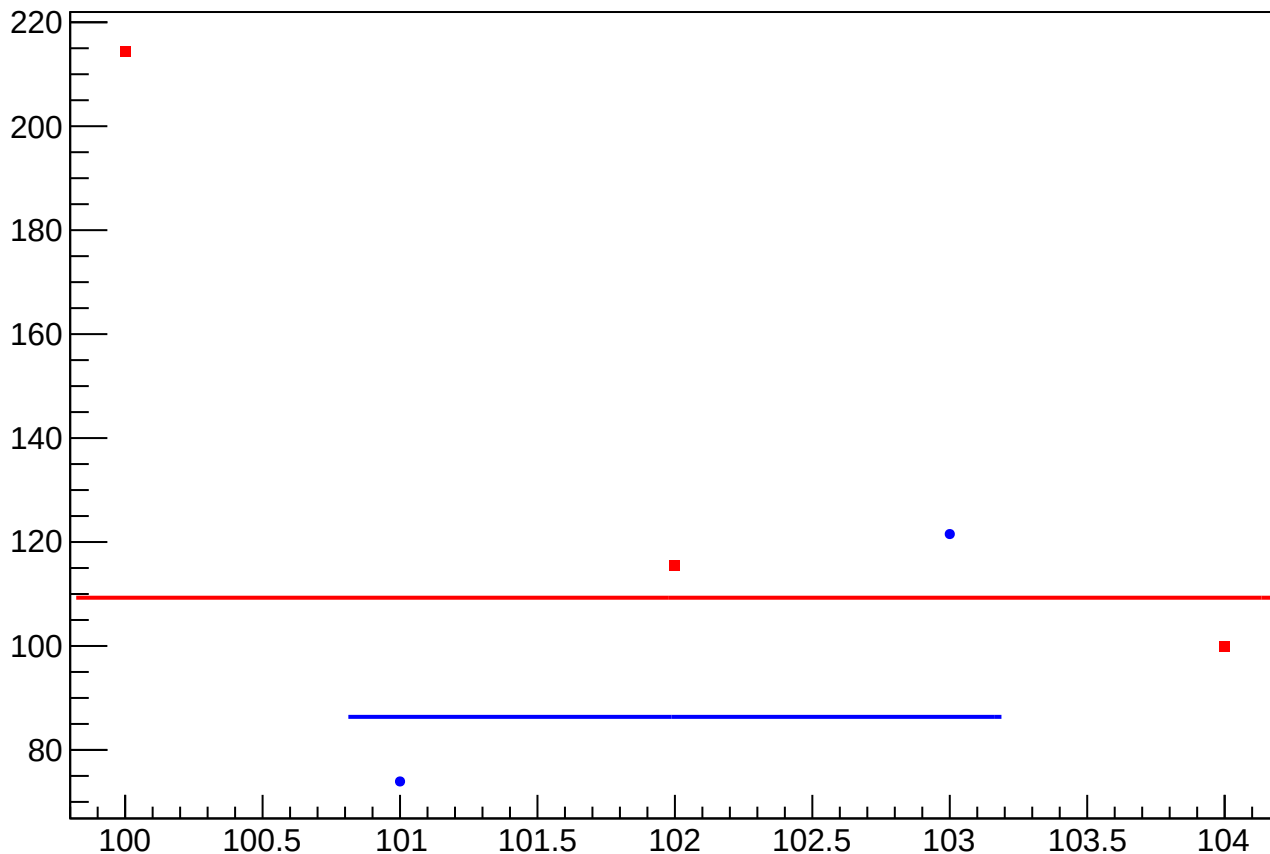
Right: 115.691 $\pm$ 63.357 χ^2 /NDF: 4.3/4

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: 115.691 $\pm$ 63.357 χ^2 /NDF: 4.3/4

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: 109.285 $\pm$ 0.072 χ^2 /NDF: 46623.3/2

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

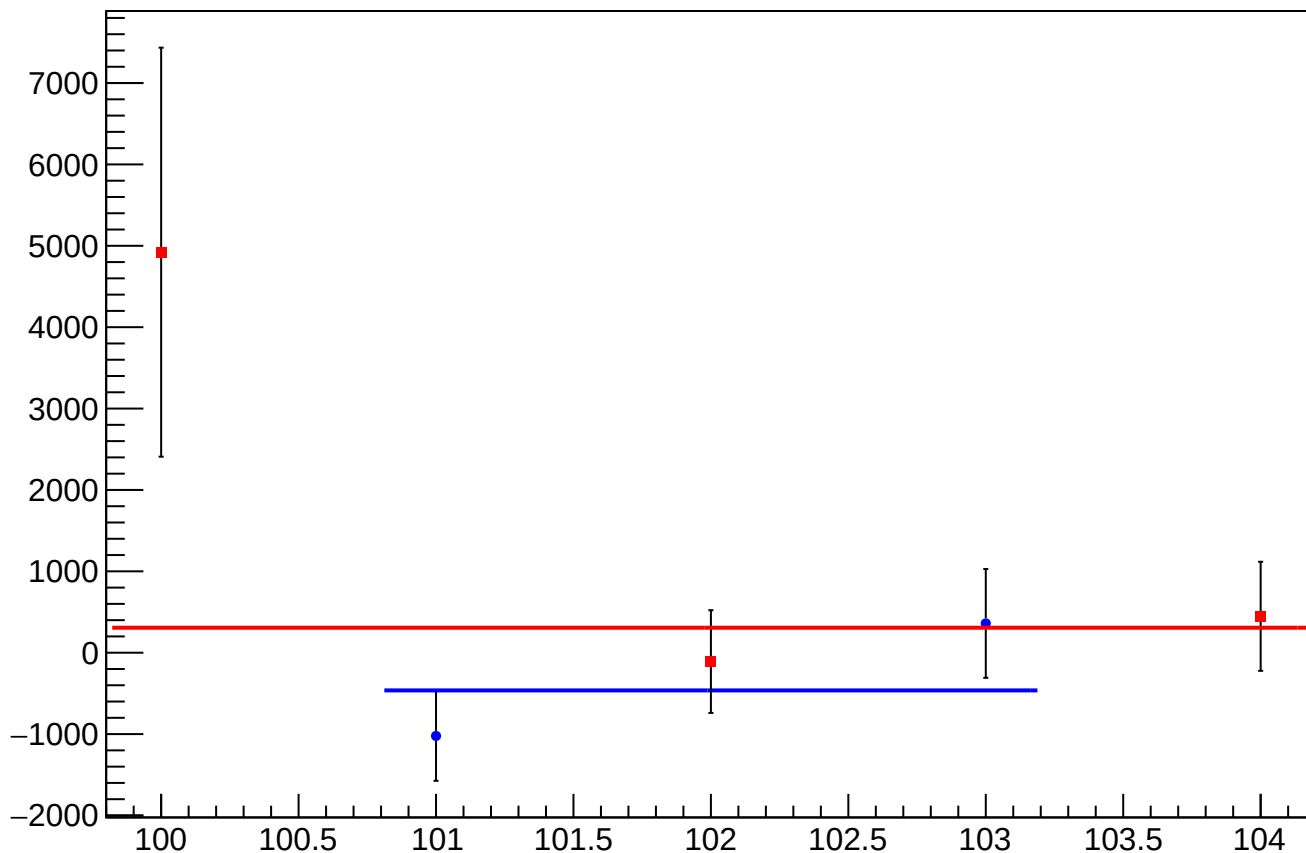
Right: 95.249 $\pm$ 0.045 χ^2 /NDF: 242123.1/4

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: 95.249 $\pm$ 0.045 χ^2 /NDF: 242123.1/4

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: 306.863+/-451.928 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

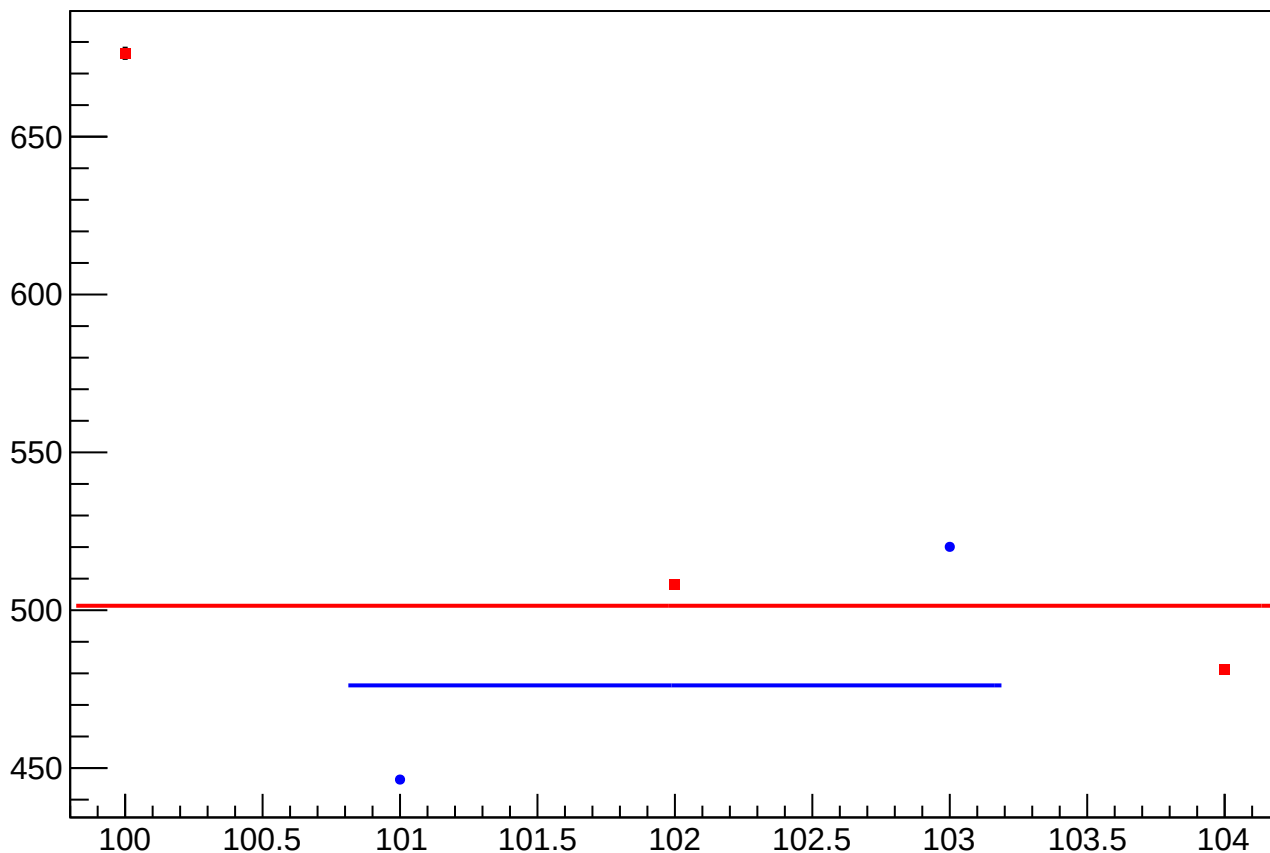
Right: -101.526+/-309.712 χ^2/NDF : 7.9/4

In: -463.180+/-425.284 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.526+/-309.712 χ^2/NDF : 7.9/4

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: 501.414+/-0.320 χ^2/NDF : 11729.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

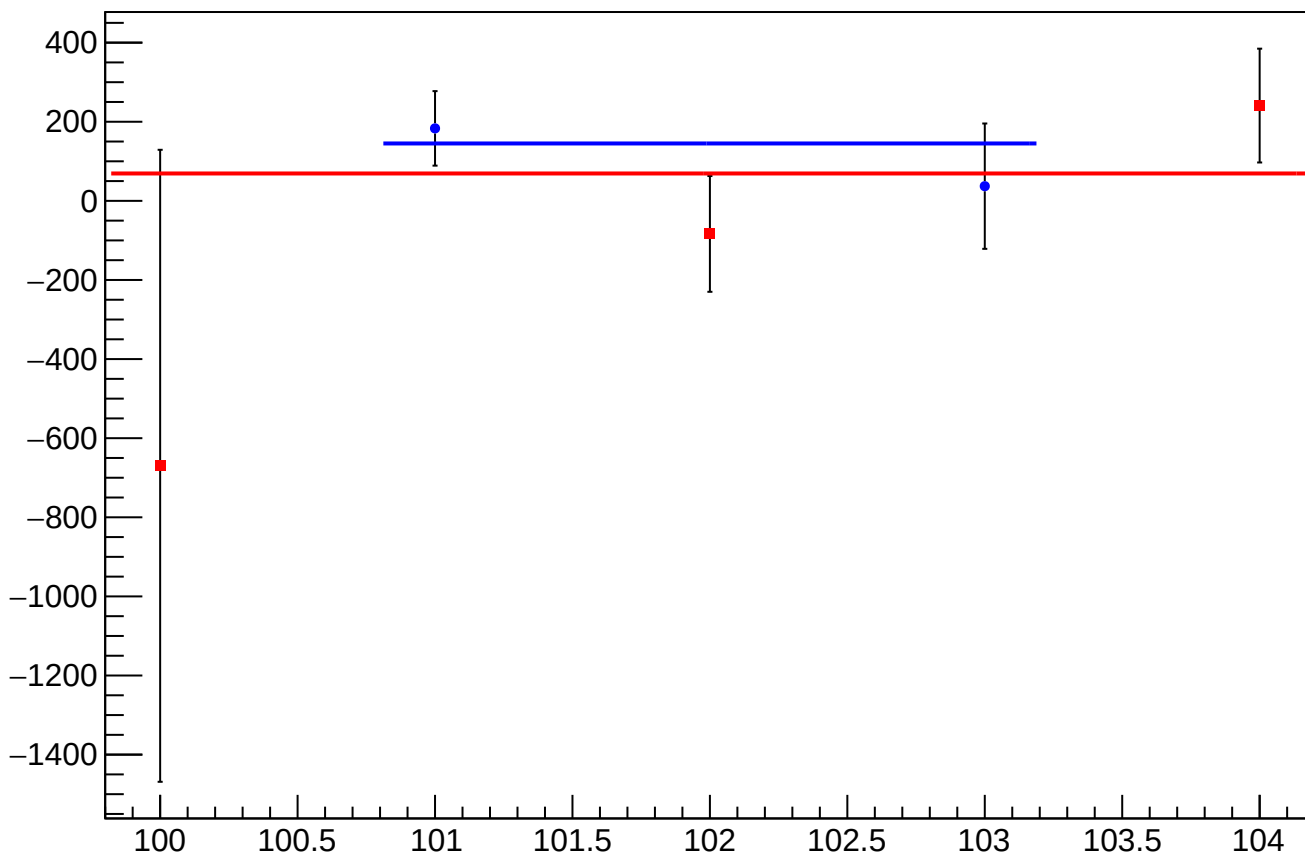
Right: 488.036+/-0.219 χ^2/NDF : 29511.0/4

In: 476.190+/-0.301 χ^2/NDF : 14477.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.036+/-0.219 χ^2/NDF : 29511.0/4

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: 69.232 $\pm$ 101.761 χ^2 /NDF: 3.4/2

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

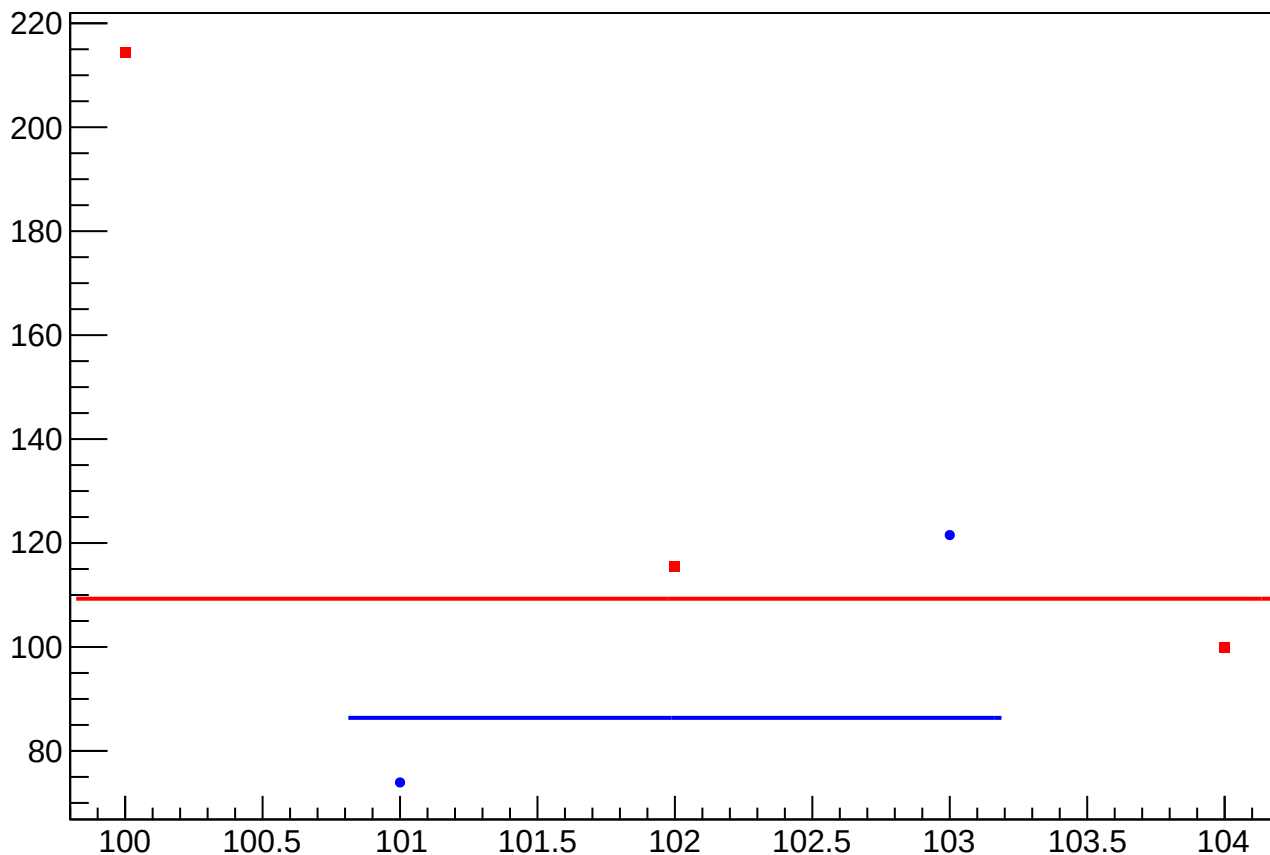
Right: 115.692 $\pm$ 63.358 χ^2 /NDF: 4.3/4

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: 115.692 $\pm$ 63.358 χ^2 /NDF: 4.3/4

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: 109.286+/-0.072 χ^2/NDF : 46621.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

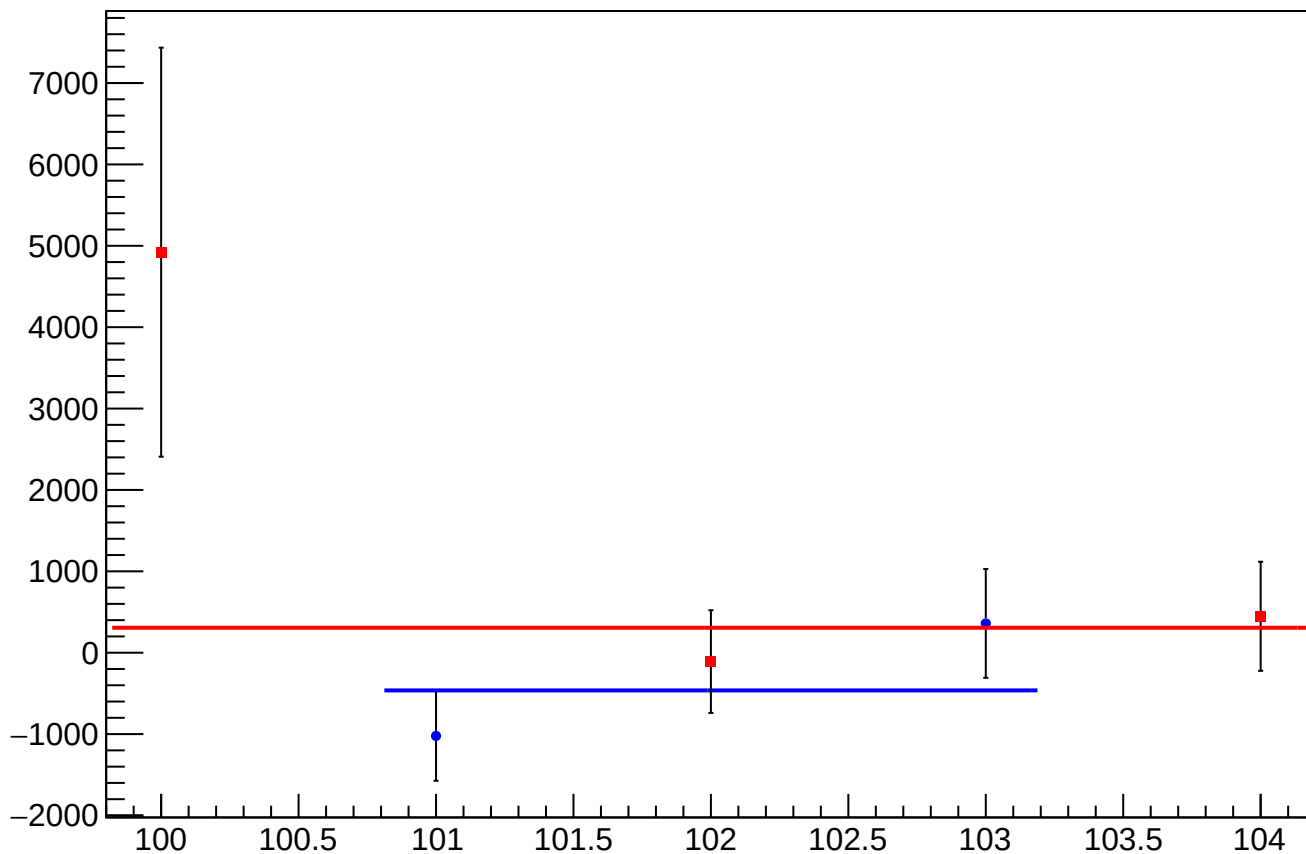
Right: 95.249+/-0.045 χ^2/NDF : 242119.7/4

In: 86.364+/-0.057 χ^2/NDF : 133357.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.249+/-0.045 χ^2/NDF : 242119.7/4

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: 306.862+/-451.926 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

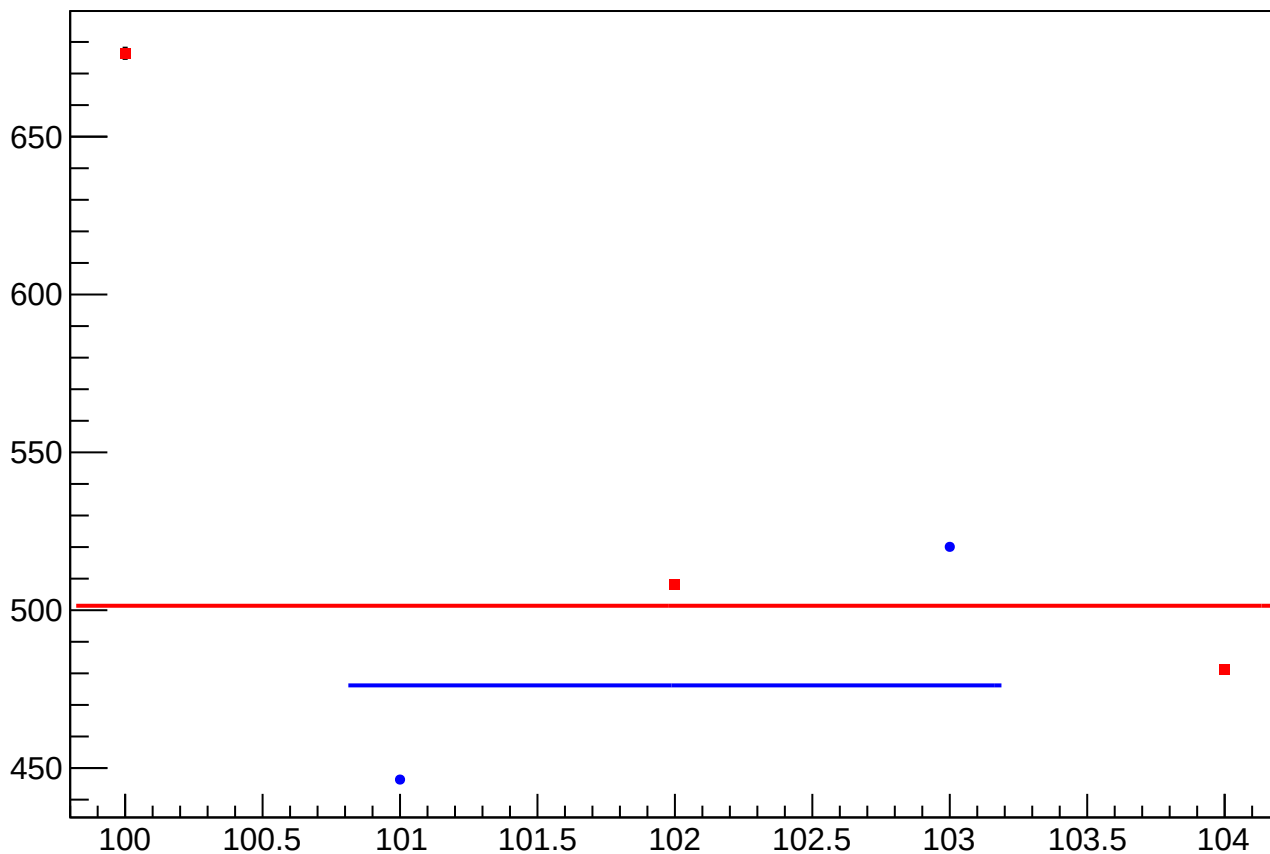
Right: -101.525+/-309.711 χ^2/NDF : 7.9/4

In: -463.178+/-425.283 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.525+/-309.711 χ^2/NDF : 7.9/4

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 476.188+/-0.301 χ^2/NDF : 14477.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.412+/-0.320 χ^2/NDF : 11729.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

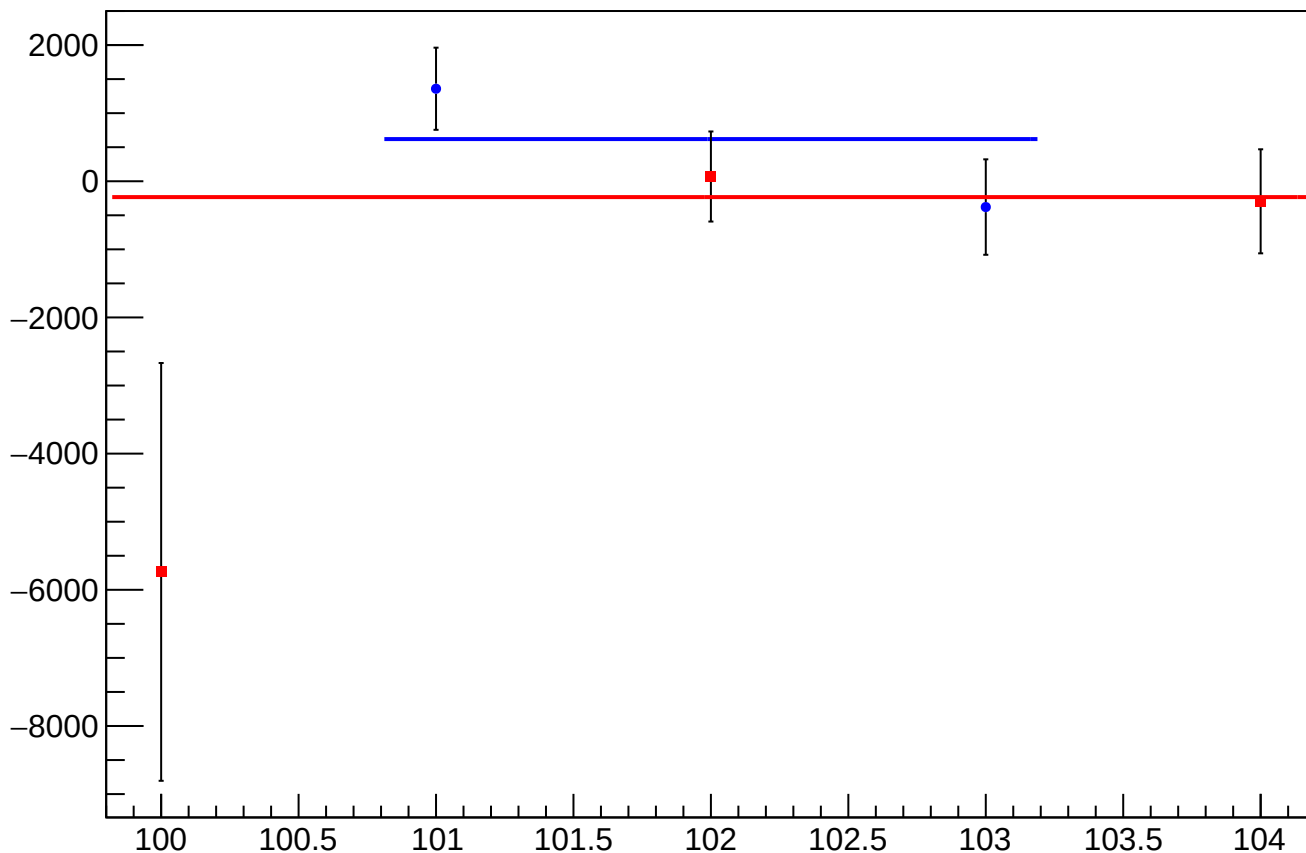
Right: 488.034+/-0.219 χ^2/NDF : 29511.1/4

In: 476.188+/-0.301 χ^2/NDF : 14477.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.034+/-0.219 χ^2/NDF : 29511.1/4

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 619.317+/-457.202 χ^2/NDF : 3.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -232.700+/-493.528 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

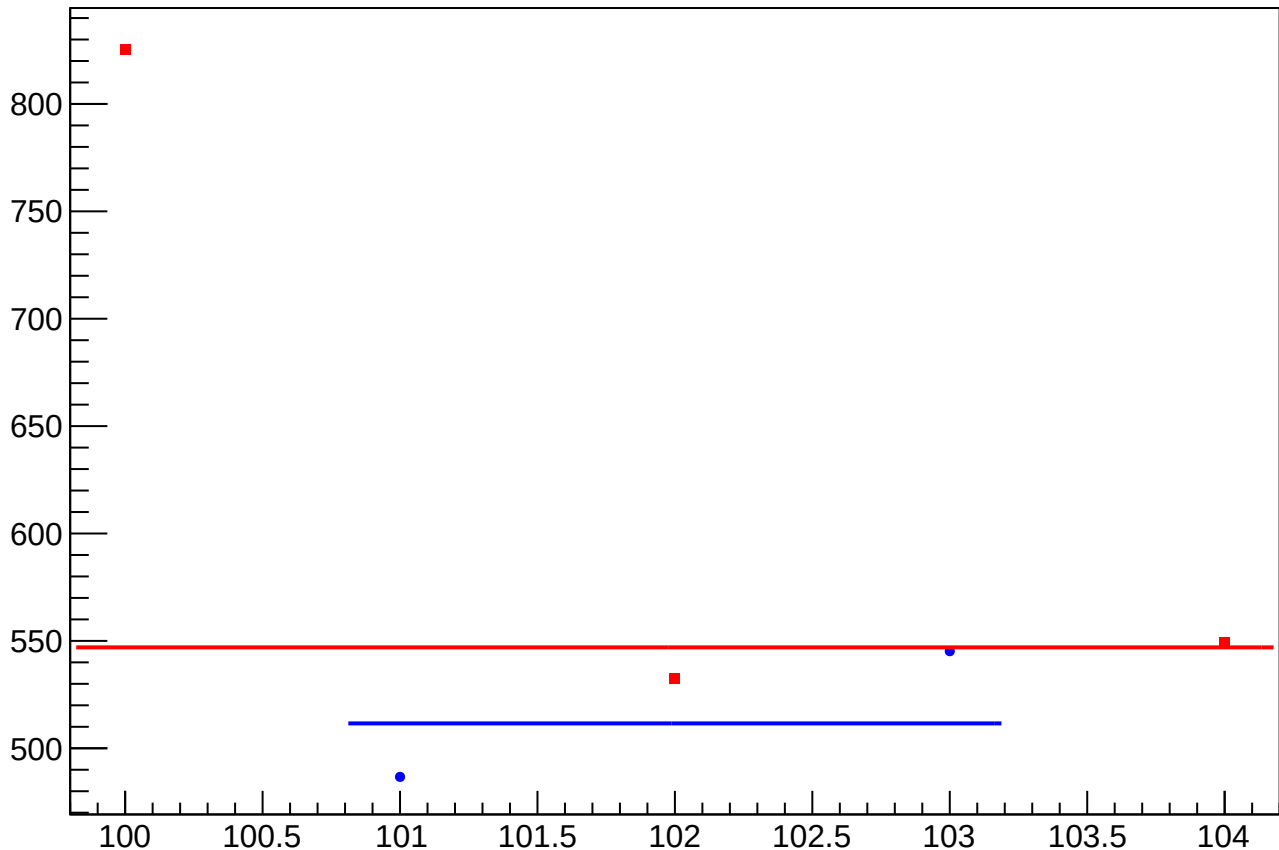
Right: 225.816+/-335.398 χ^2/NDF : 8.6/4

In: 619.317+/-457.202 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.816+/-335.398 χ^2/NDF : 8.6/4

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 511.580 $\pm$ 0.323 χ^2 /NDF: 8011.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 546.982 $\pm$ 0.349 χ^2 /NDF: 17459.5/2

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

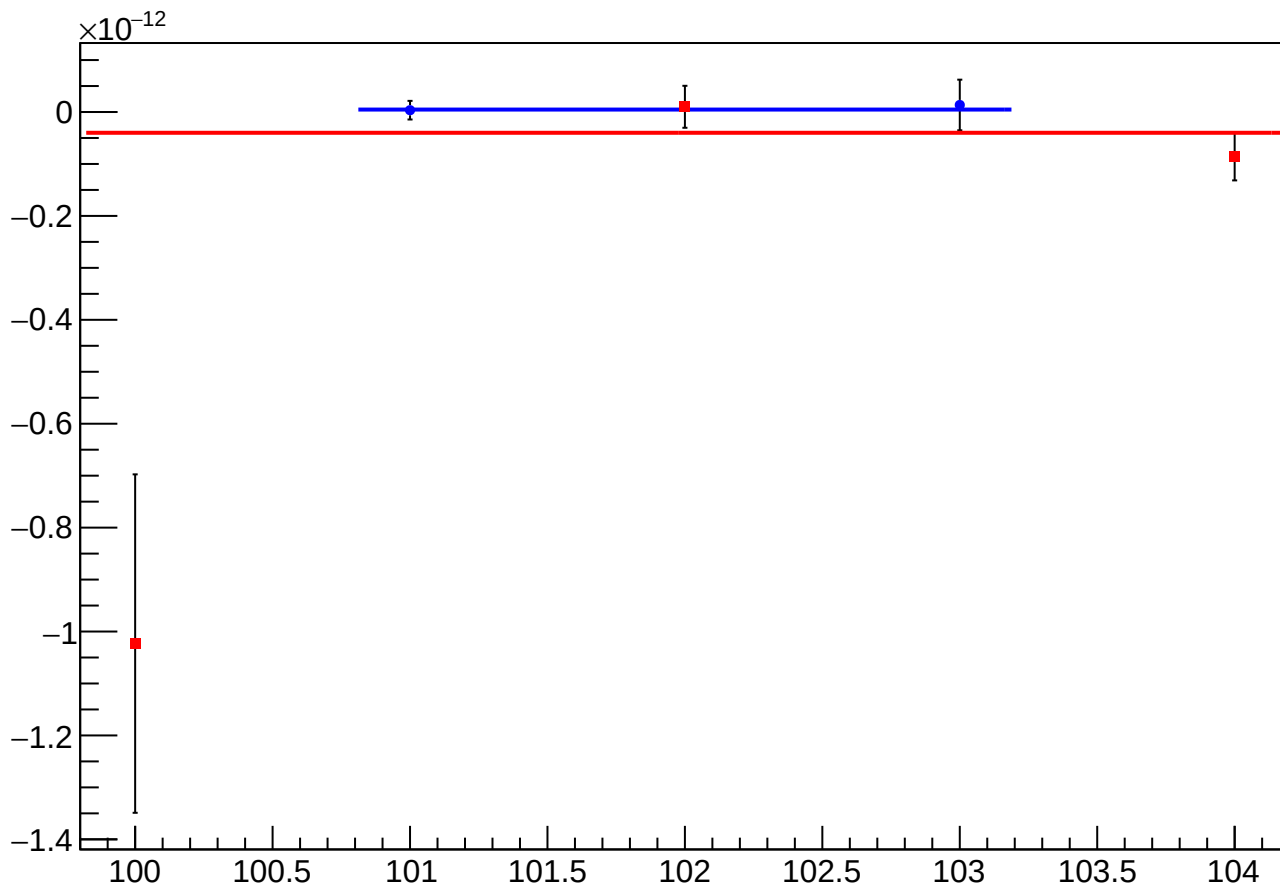
Right: 527.930 $\pm$ 0.237 χ^2 /NDF: 31009.2/4

In: 511.580 $\pm$ 0.323 χ^2 /NDF:8011.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 527.930 $\pm$ 0.237 χ^2 /NDF: 31009.2/4

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 : 11.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

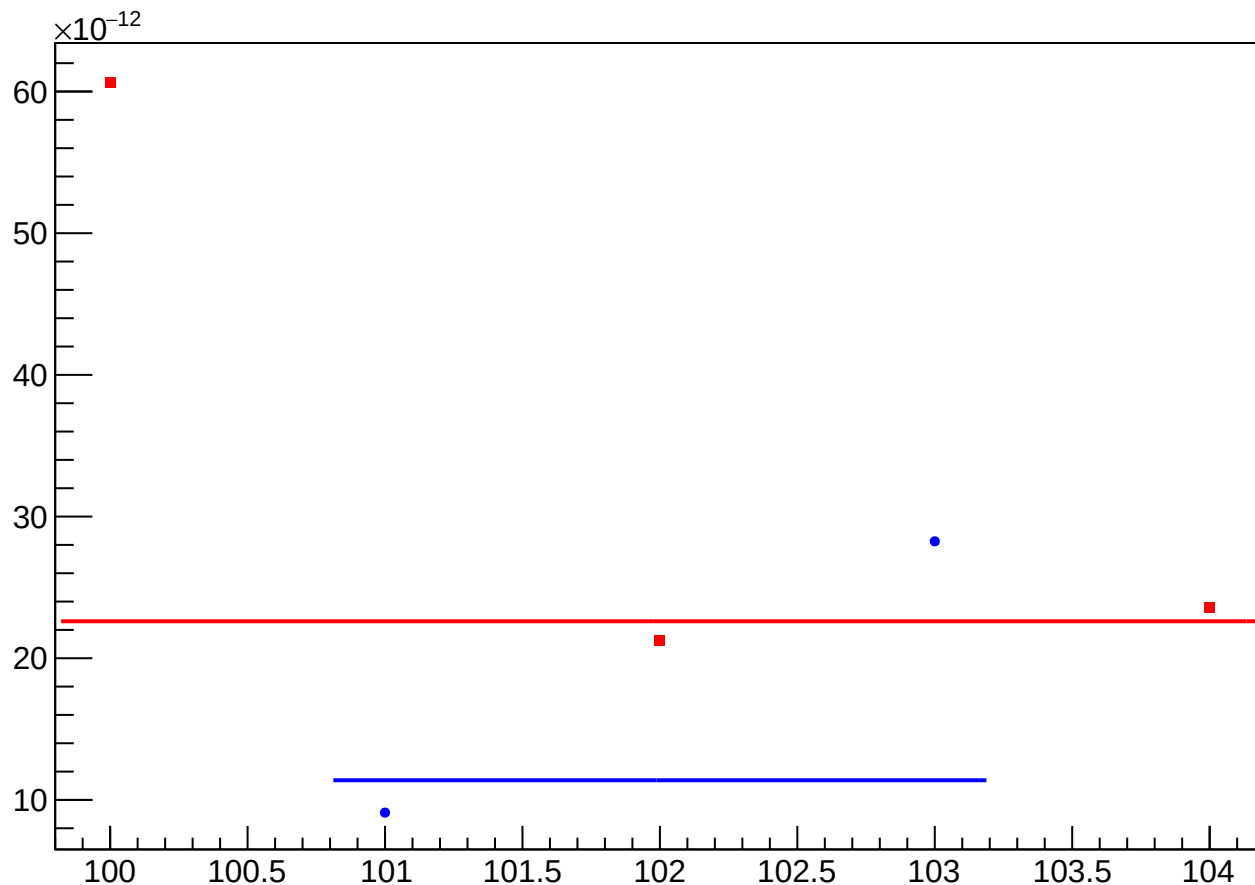
Right: -0.000+/-0.000 χ^2/NDF : 13.3/4

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 : 13.3/4

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 : 30263.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

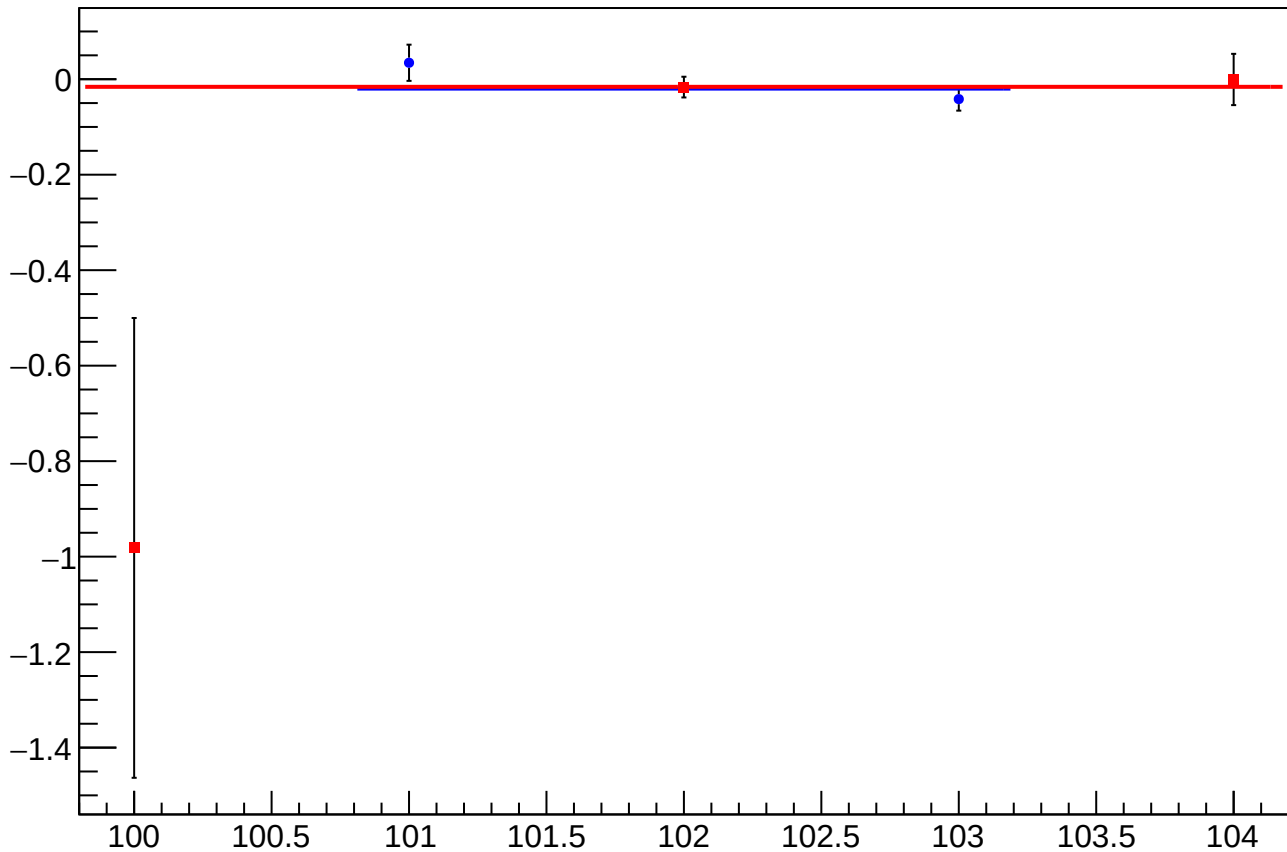
Right: 0.000+/-0.000 χ^2/NDF : 512498.6/4

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 : 512498.6/4

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: -0.016+/-0.020 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

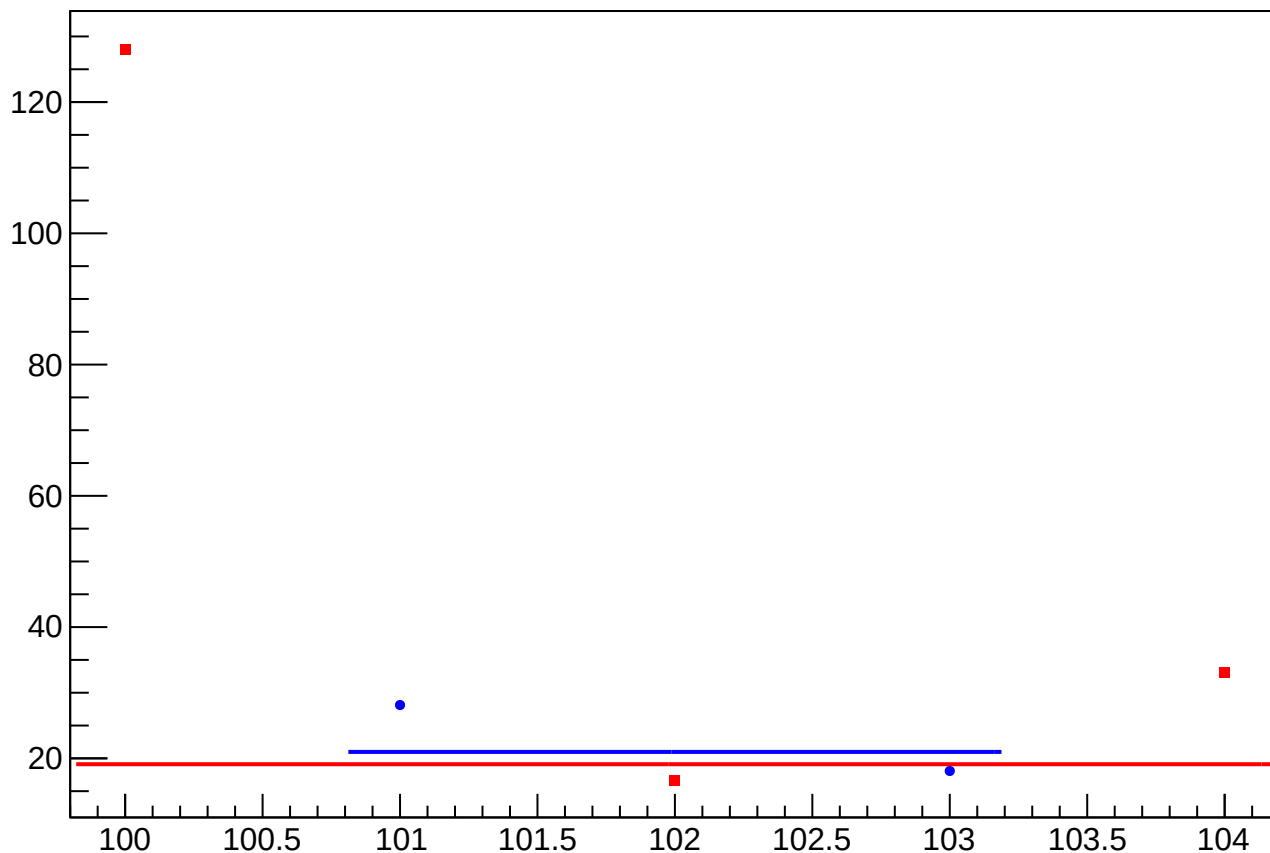
Right: -0.018+/-0.014 χ^2/NDF : 7.0/4

In: -0.020+/-0.020 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.014 χ^2/NDF : 7.0/4

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.107+/-0.014 χ^2/NDF : 265174.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

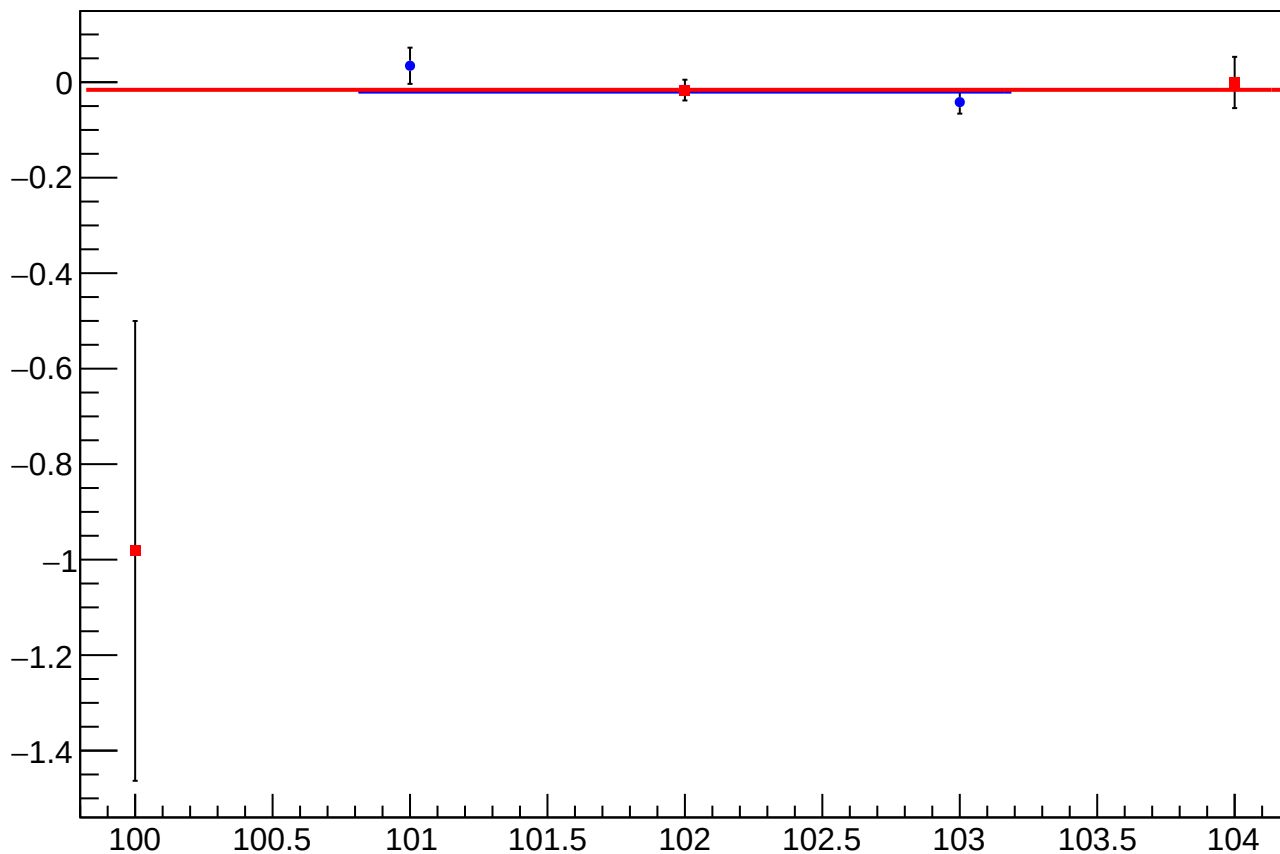
Right: 20.032+/-0.010 χ^2/NDF : 373696.1/4

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.032+/-0.010 χ^2/NDF : 373696.1/4

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 2.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.020 χ^2/NDF : 4.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

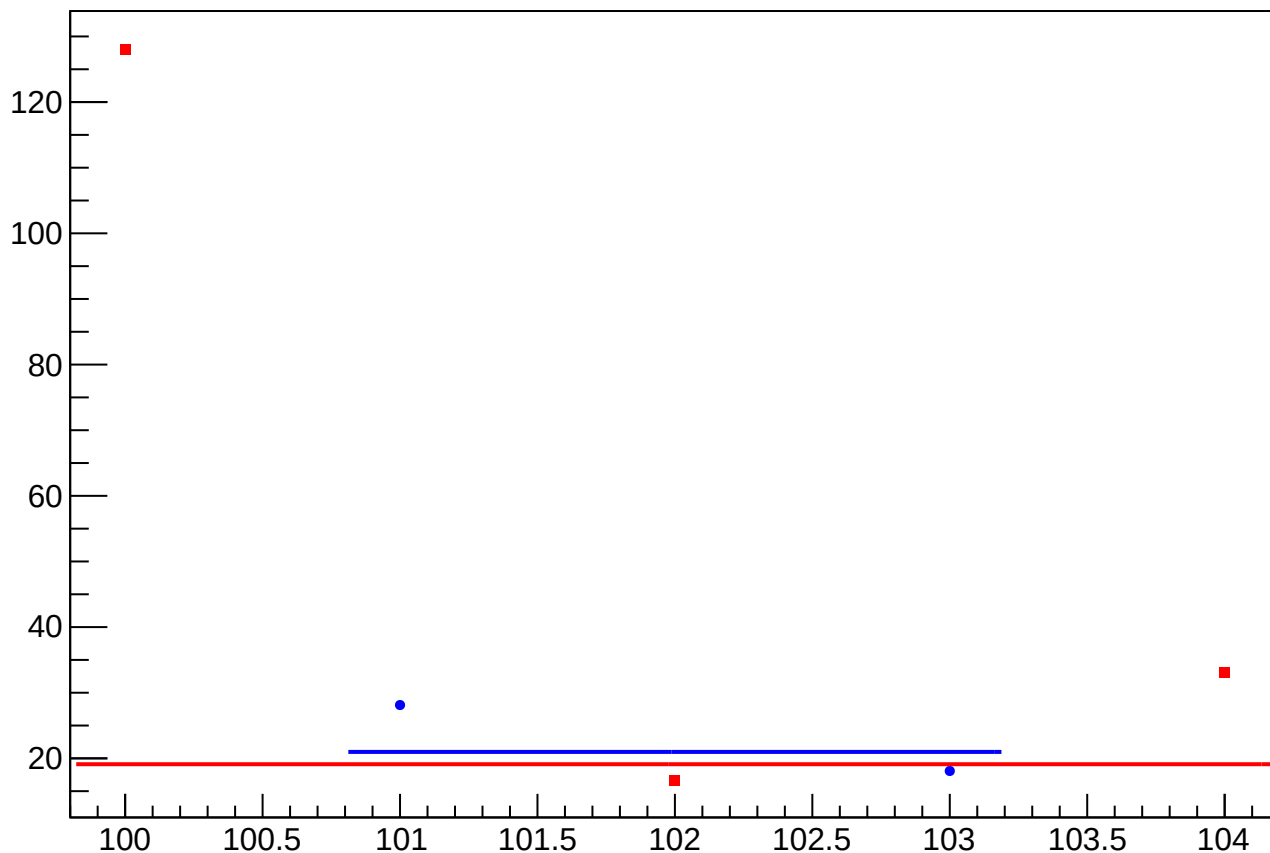
Right: -0.018+/-0.014 χ^2/NDF : 7.0/4

In: -0.020+/-0.020 χ^2/NDF : 2.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.014 χ^2/NDF : 7.0/4

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.107+/-0.014 χ^2/NDF : 265174.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

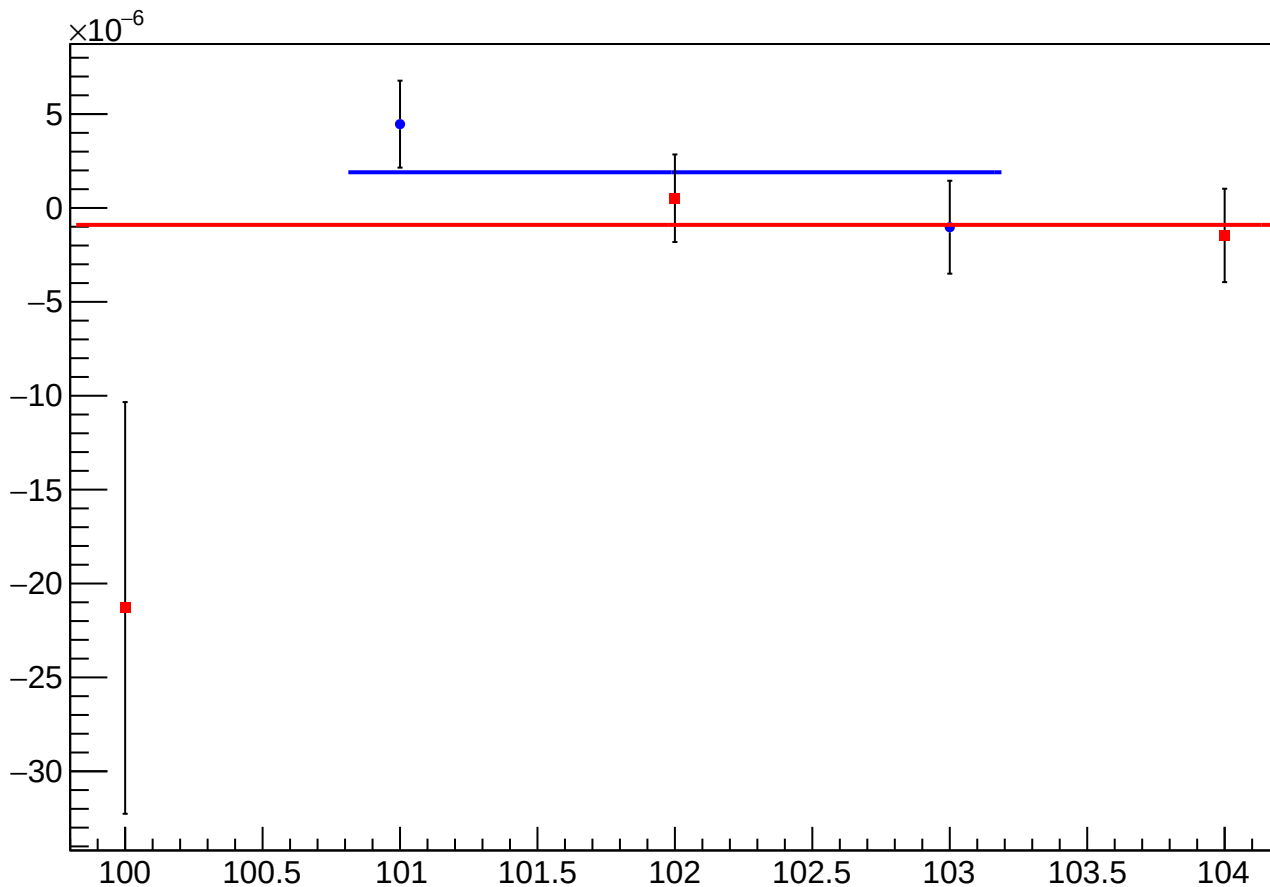
Right: 20.032+/-0.010 χ^2/NDF : 373696.1/4

In: 20.983+/-0.014 χ^2/NDF : 99929.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.032+/-0.010 χ^2/NDF : 373696.1/4

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/2

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

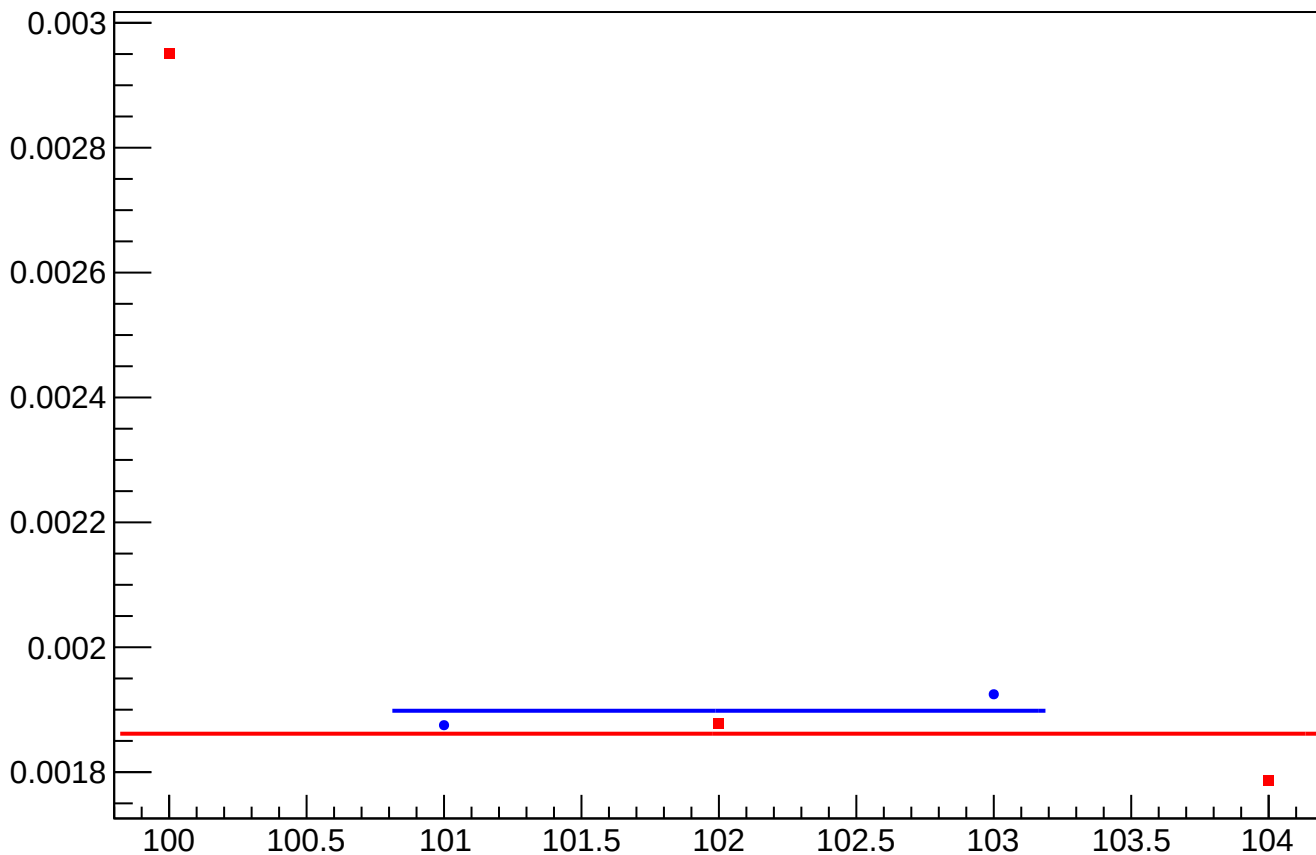
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF:2.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/4

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: 0.002+/-0.000 χ^2/NDF : 21682.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

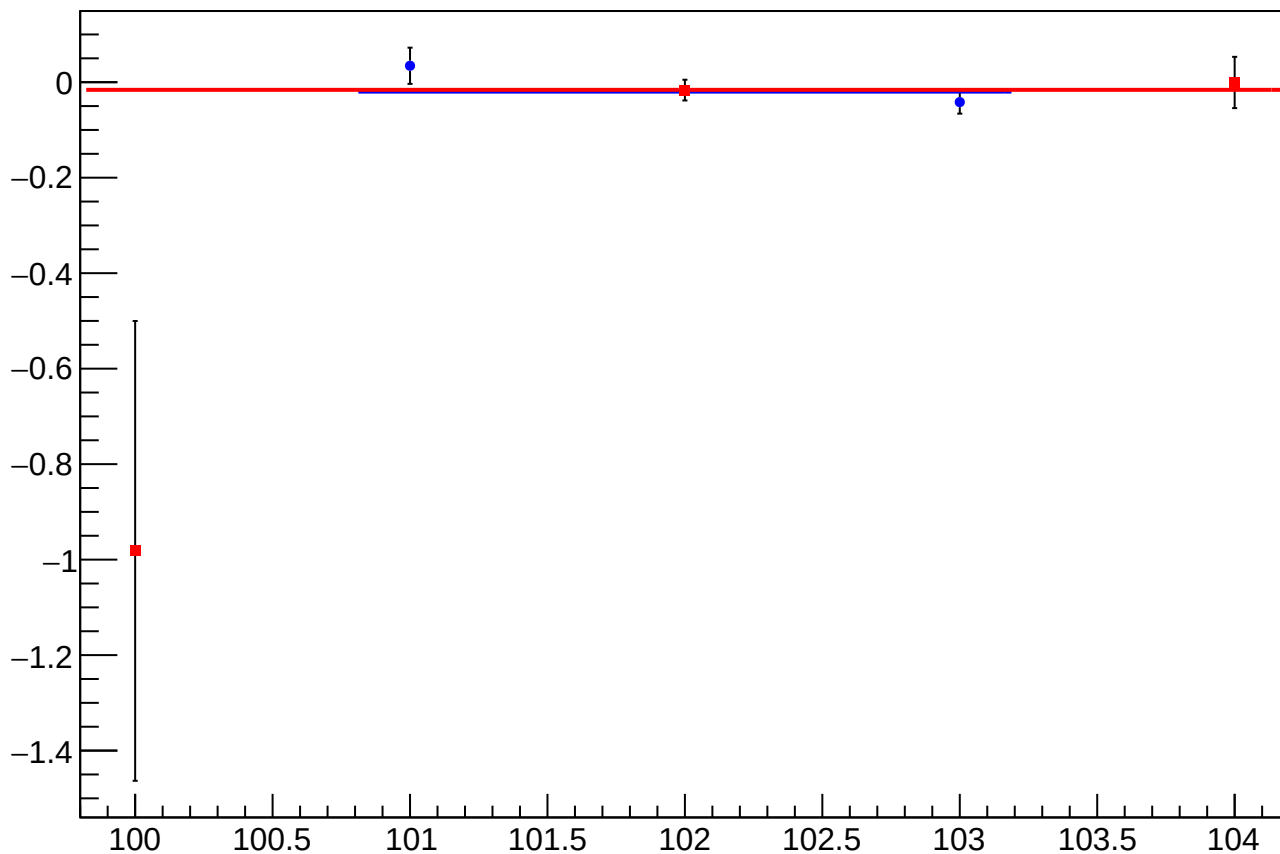
Right: 0.002+/-0.000 χ^2/NDF : 22584.9/4

In: 0.002+/-0.000 χ^2/NDF : 427.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 22584.9/4

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.020 χ^2/NDF : 4.1/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

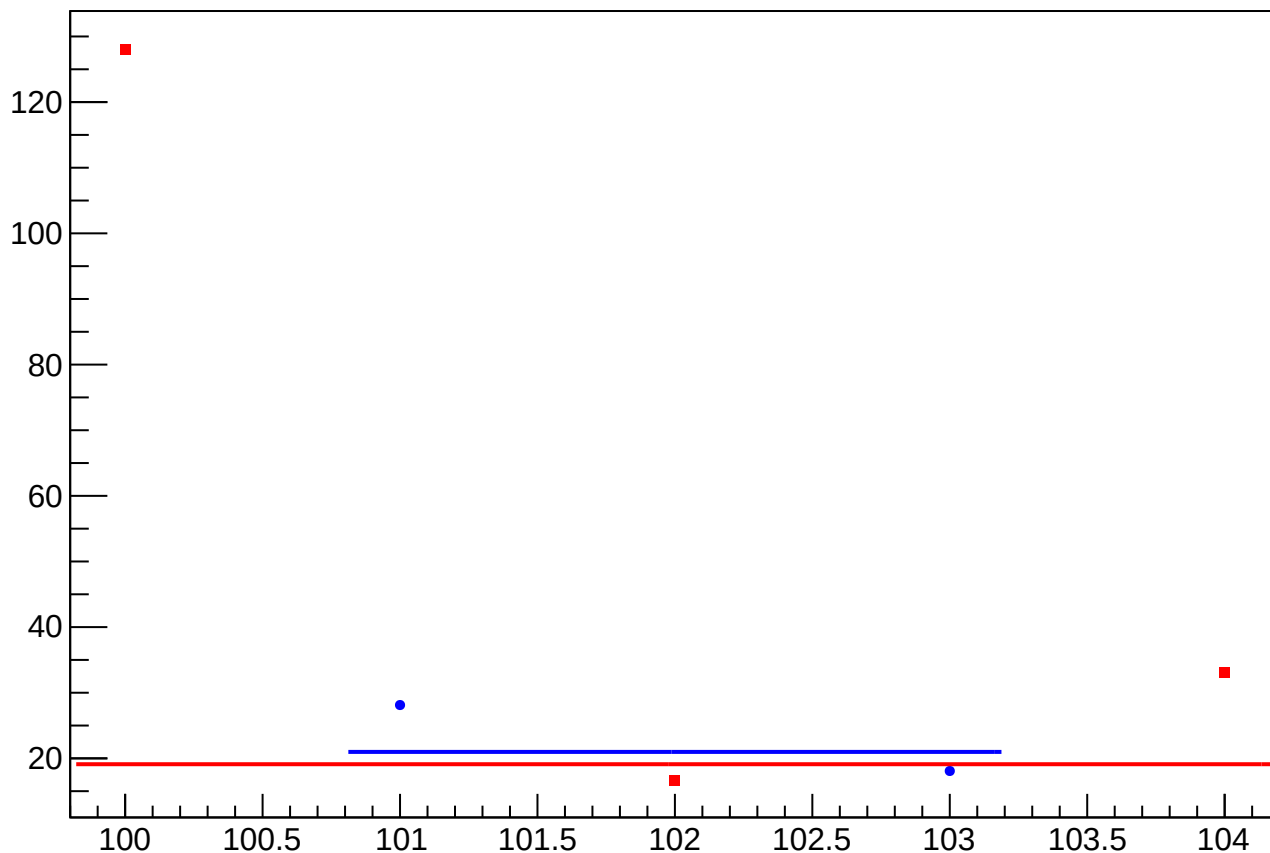
Right: -0.018 ± 0.014 χ^2/NDF : 7.0/4

In: -0.020 ± 0.020 χ^2/NDF : 2.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.018 ± 0.014 χ^2/NDF : 7.0/4

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.107+/-0.014 χ^2/NDF : 265184.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

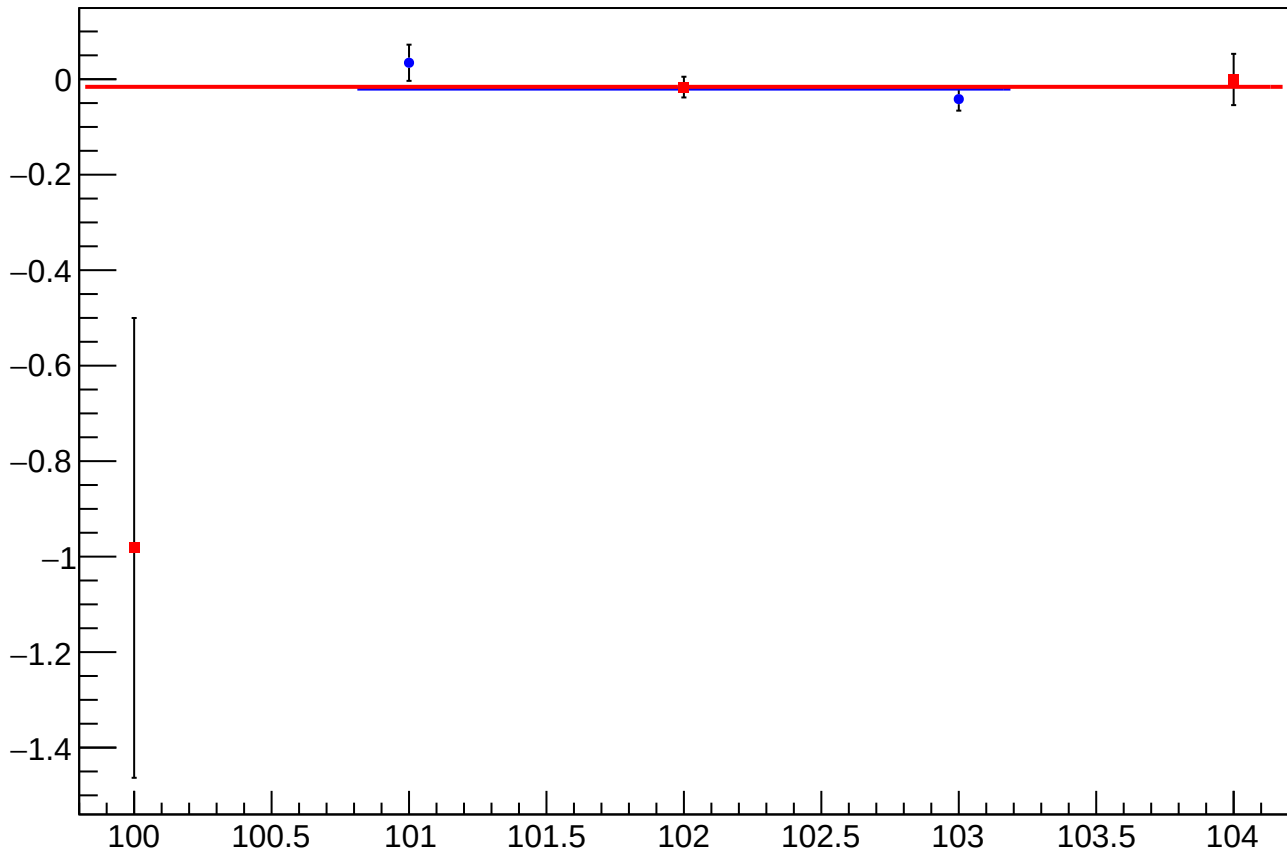
Right: 20.033+/-0.010 χ^2/NDF : 373711.9/4

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.033+/-0.010 χ^2/NDF : 373711.9/4

asym_sam_1357_avg_eigen_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: -0.016 ± 0.020 $\chi^2/\text{NDF}: 4.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

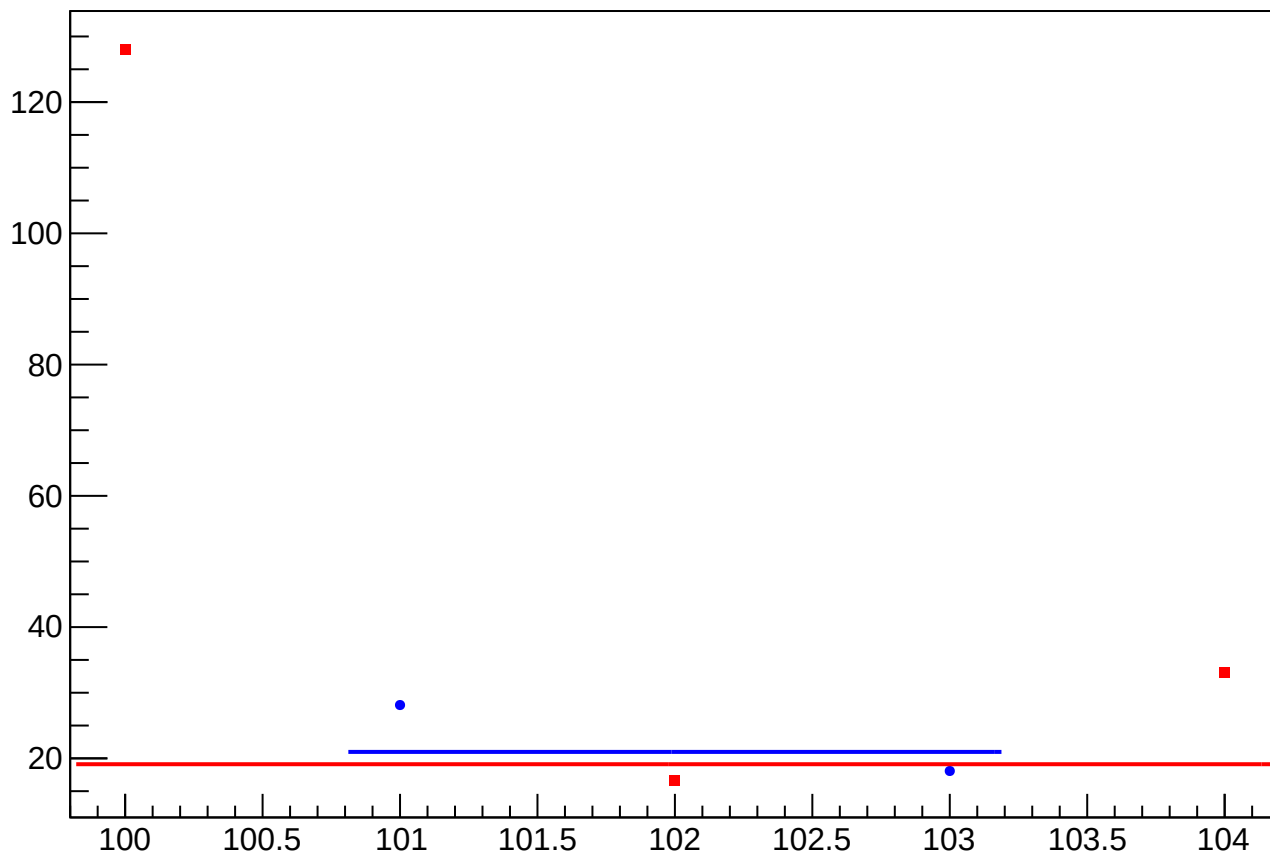
Right: -0.018 ± 0.014 $\chi^2/\text{NDF}: 7.0/4$

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: -0.018 ± 0.014 $\chi^2/\text{NDF}: 7.0/4$

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.107+/-0.014 χ^2/NDF : 265184.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

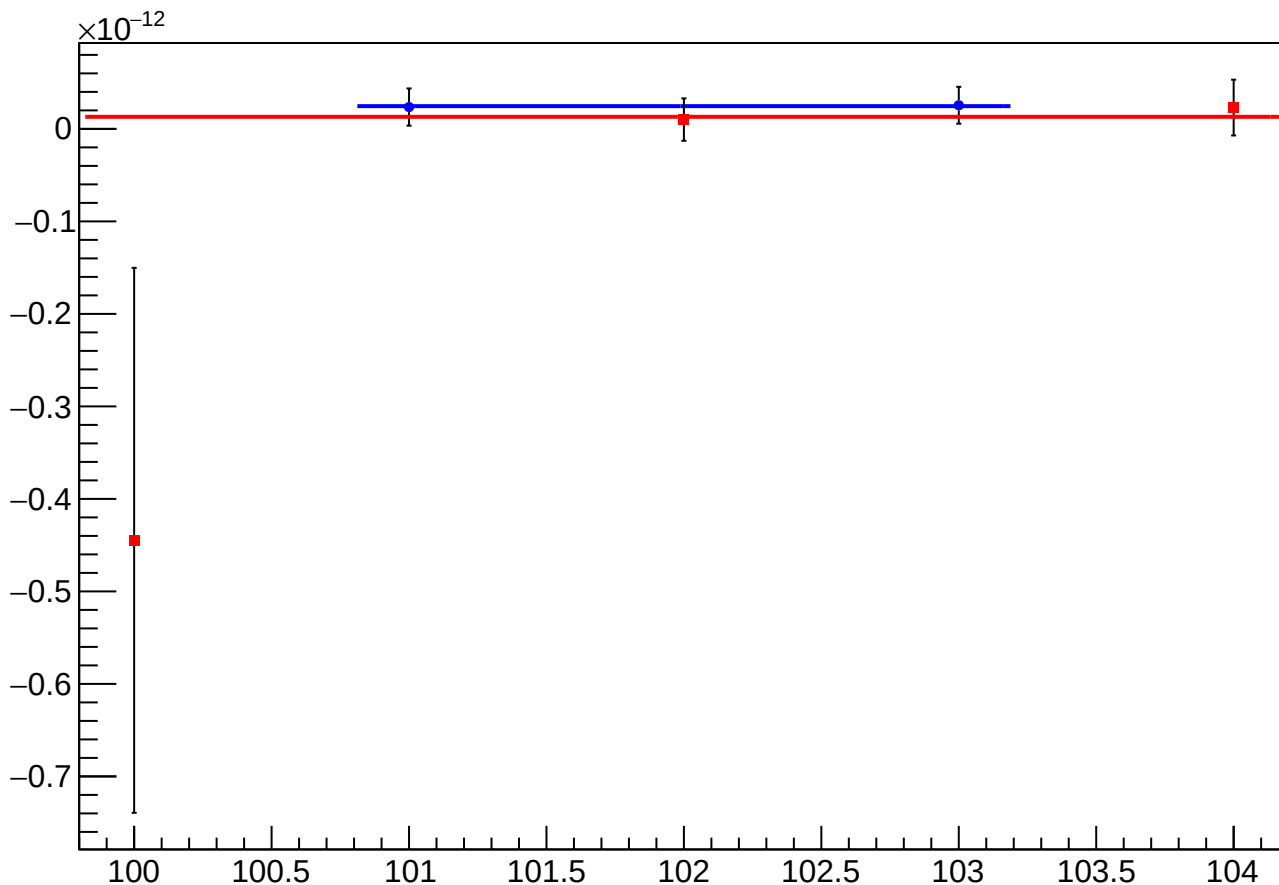
Right: 20.033+/-0.010 χ^2/NDF : 373711.9/4

In: 20.984+/-0.014 χ^2/NDF : 99937.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.033+/-0.010 χ^2/NDF : 373711.9/4

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

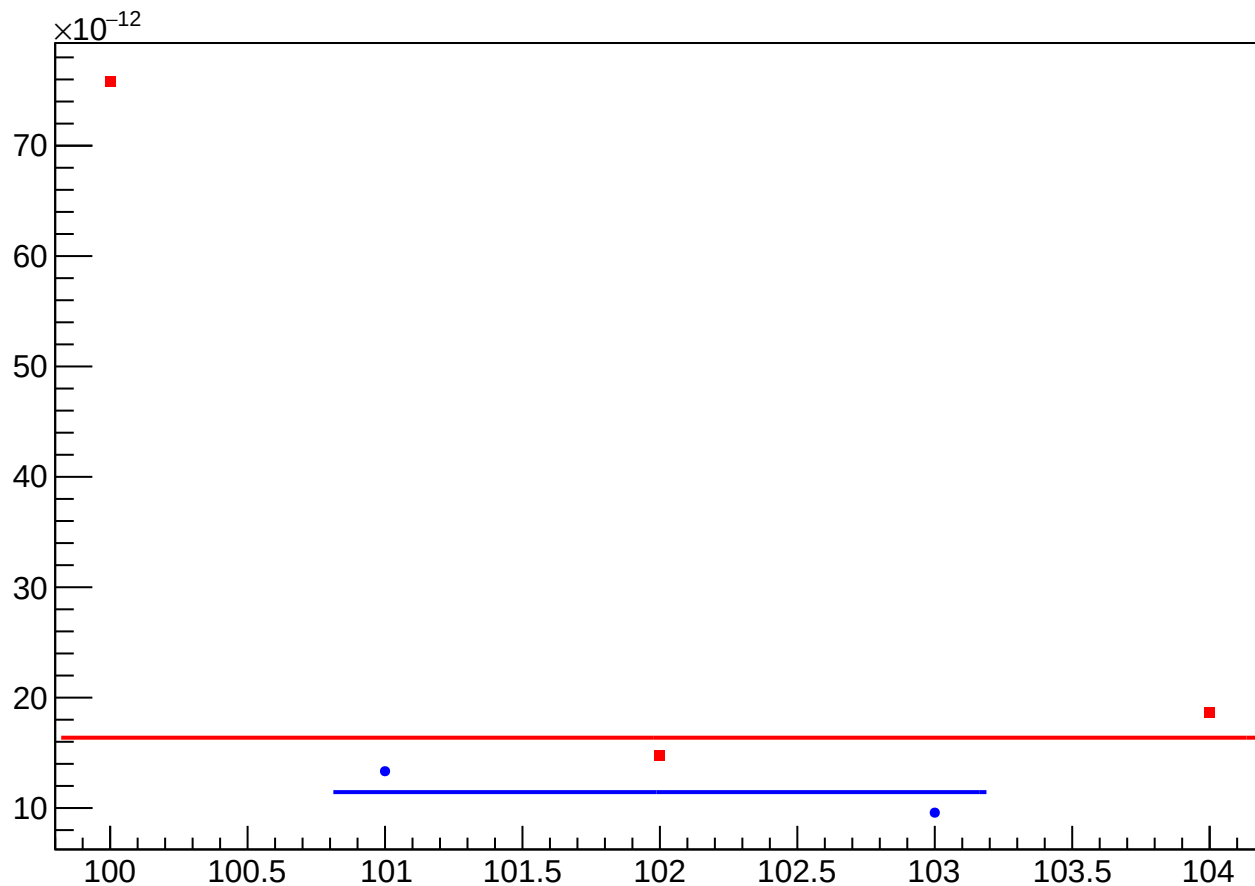
Right: 0.000+/-0.000 χ^2/NDF : 2.8/4

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 : 2.8/4

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 : 102800.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

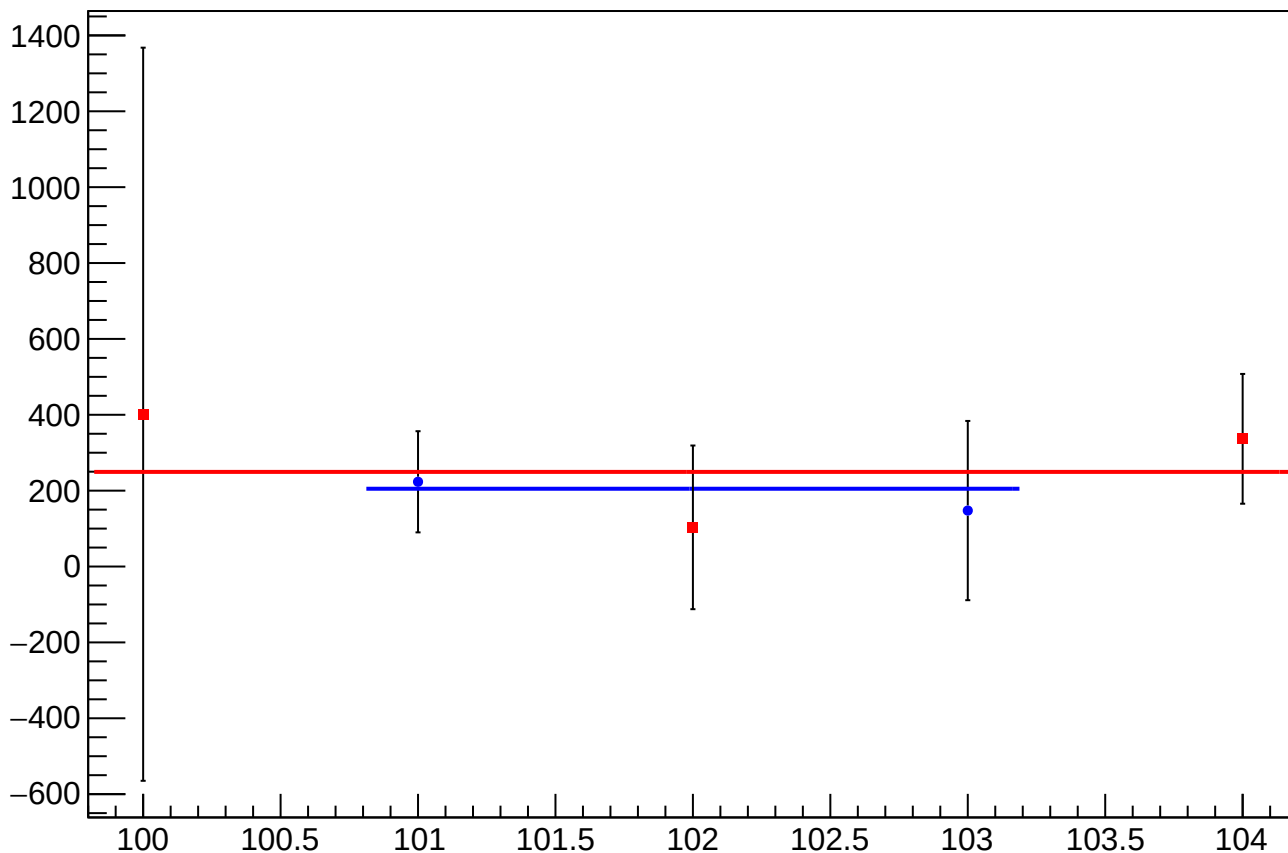
Right: 0.000+/-0.000 χ^2/NDF : 229311.9/4

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 : 229311.9/4

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: 249.447 $\pm$ 132.758 χ^2 /NDF: 0.7/2

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

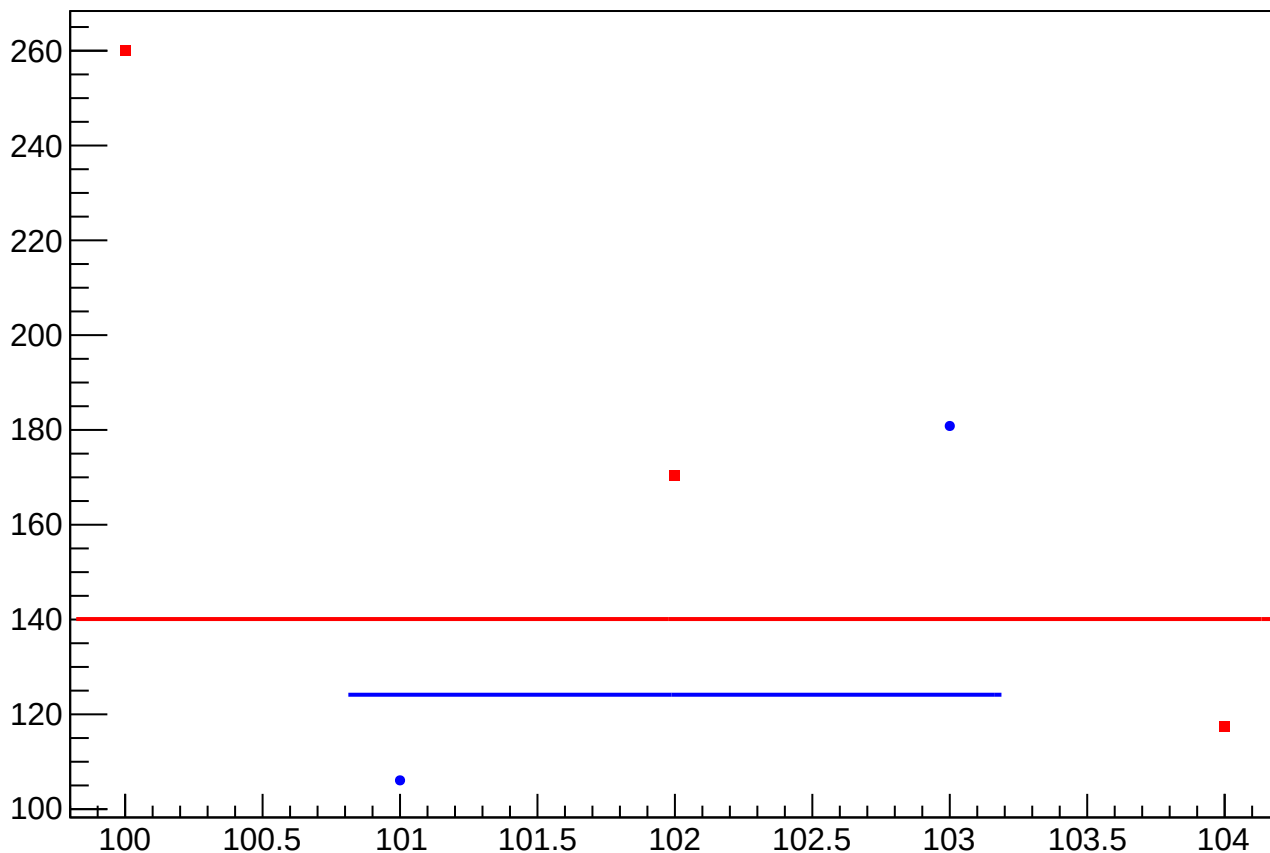
Right: 224.293 $\pm$ 87.403 χ^2 /NDF: 0.9/4

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: 224.293 $\pm$ 87.403 χ^2 /NDF: 0.9/4

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: 140.104+/-0.094 χ^2/NDF : 105448.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

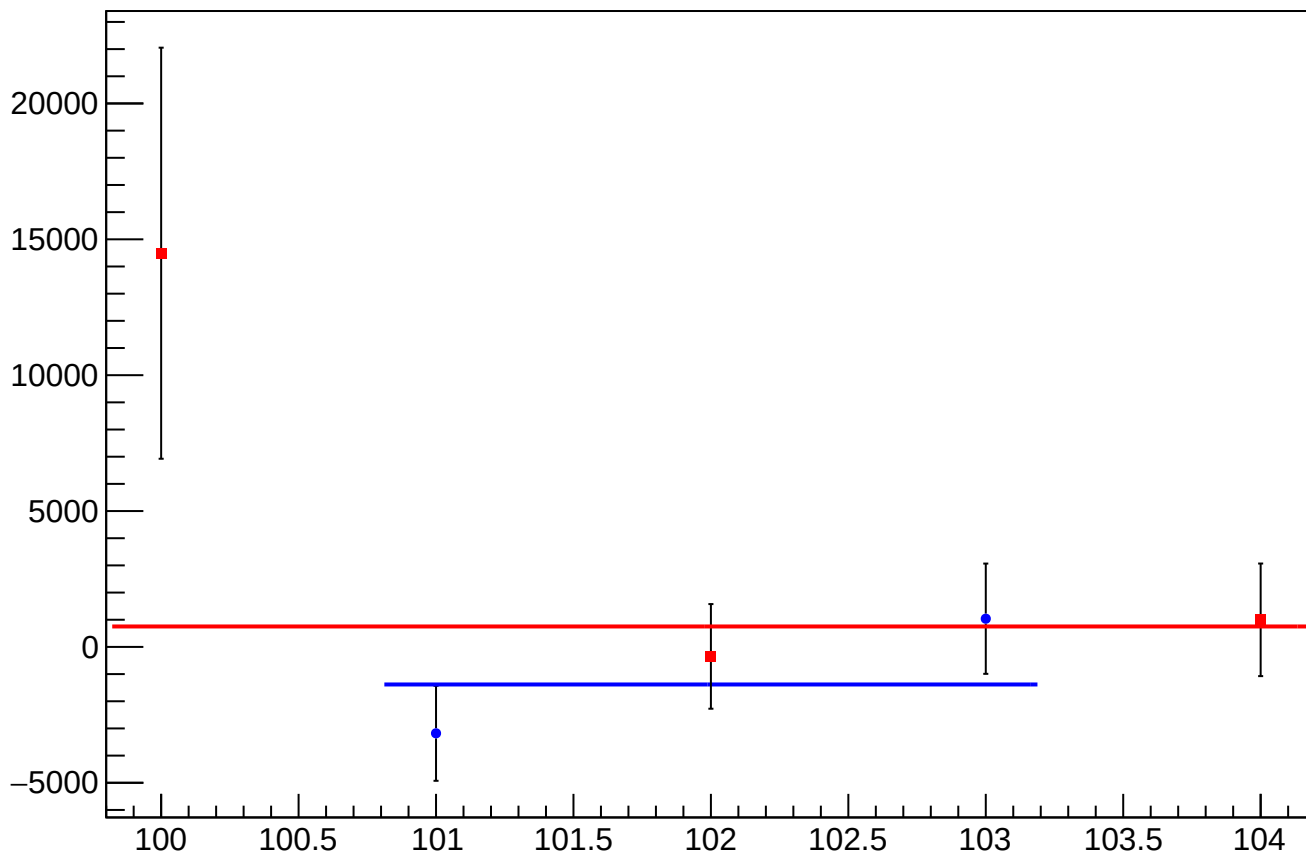
Right: 131.058+/-0.062 χ^2/NDF : 273741.6/4

In: 124.137+/-0.082 χ^2/NDF : 151903.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.058+/-0.062 χ^2/NDF : 273741.6/4

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: 752.491+/-1386.598 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

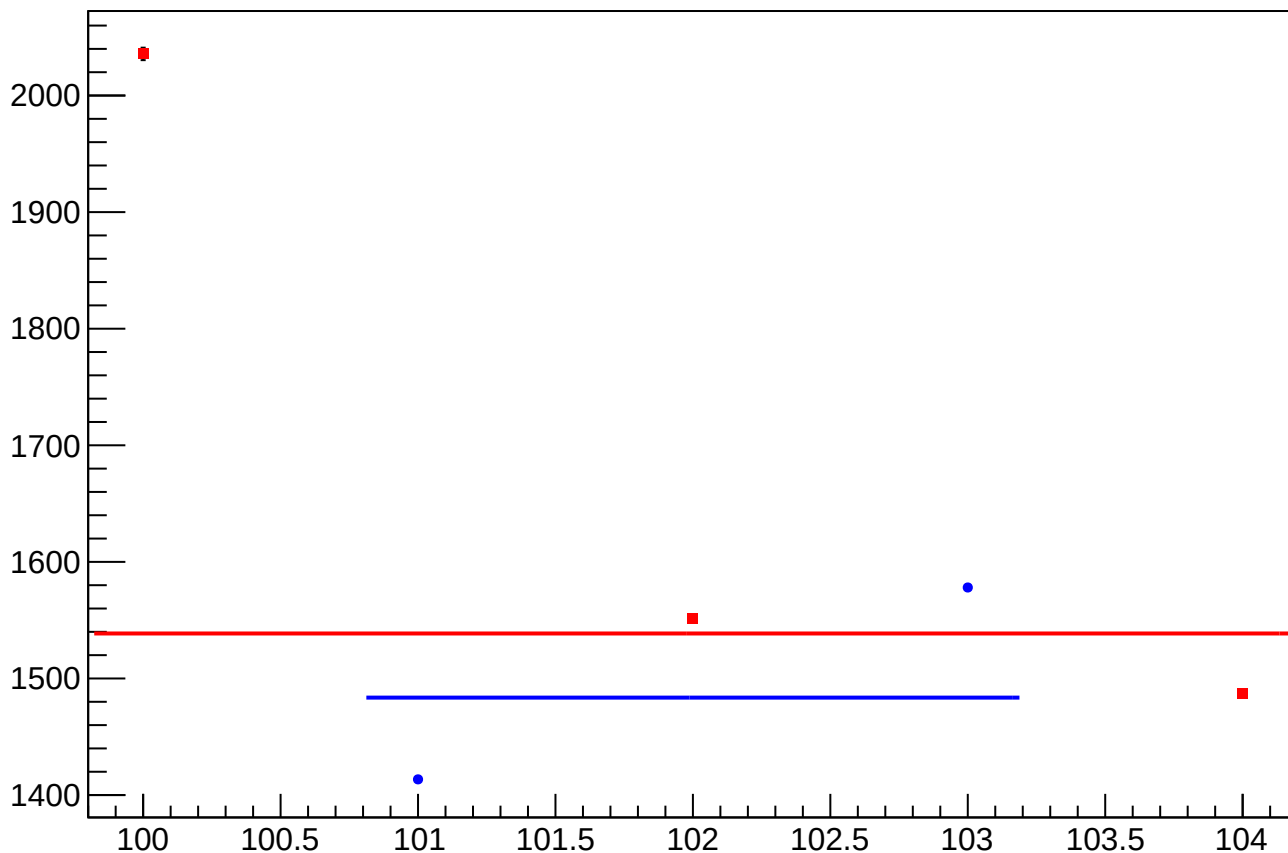
Right: -363.915+/-957.688 χ^2/NDF : 7.4/4

In: -1382.257+/-1324.300 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -363.915+/-957.688 χ^2/NDF : 7.4/4

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1483.588+/-0.936 χ^2/NDF : 7551.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.593+/-0.980 χ^2/NDF : 9964.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

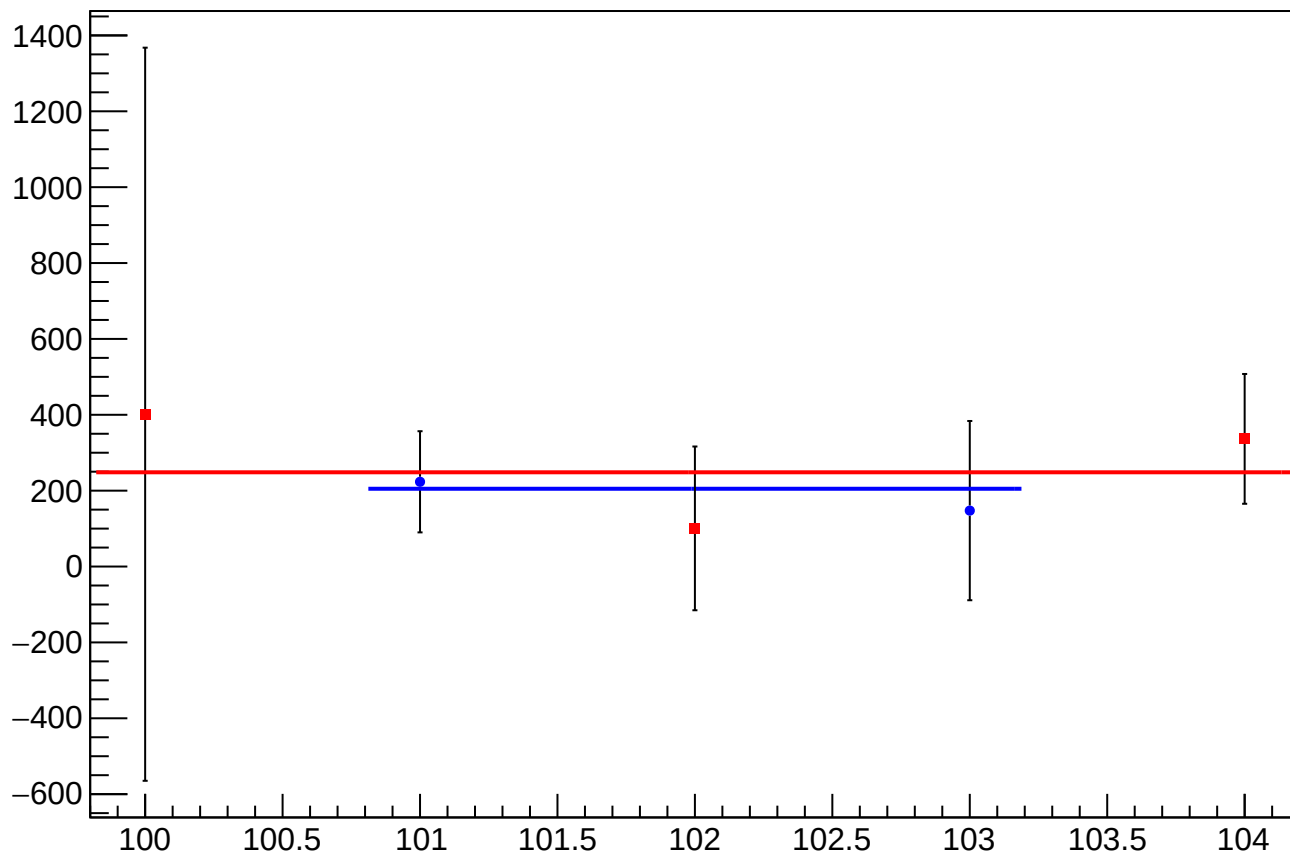
Right: 1509.827+/-0.677 χ^2/NDF : 19162.5/4

In: 1483.588+/-0.936 χ^2/NDF : 7551.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1509.827+/-0.677 χ^2/NDF : 19162.5/4

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: 248.425 $\pm$ 132.787 χ^2 /NDF: 0.8/2

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

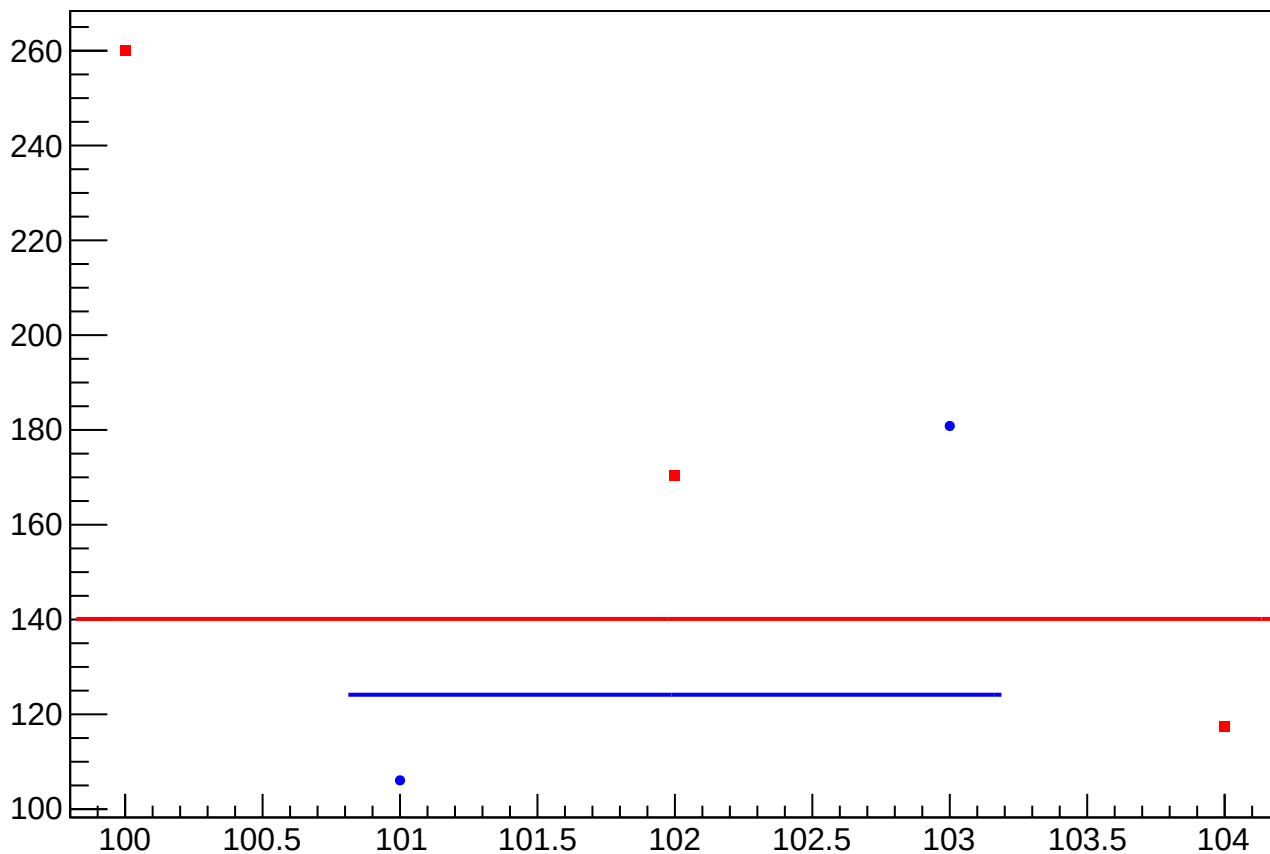
Right: 223.829 $\pm$ 87.412 χ^2 /NDF: 0.9/4

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: 223.829 $\pm$ 87.412 χ^2 /NDF: 0.9/4

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.125+/-0.094 χ^2/NDF : 105633.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

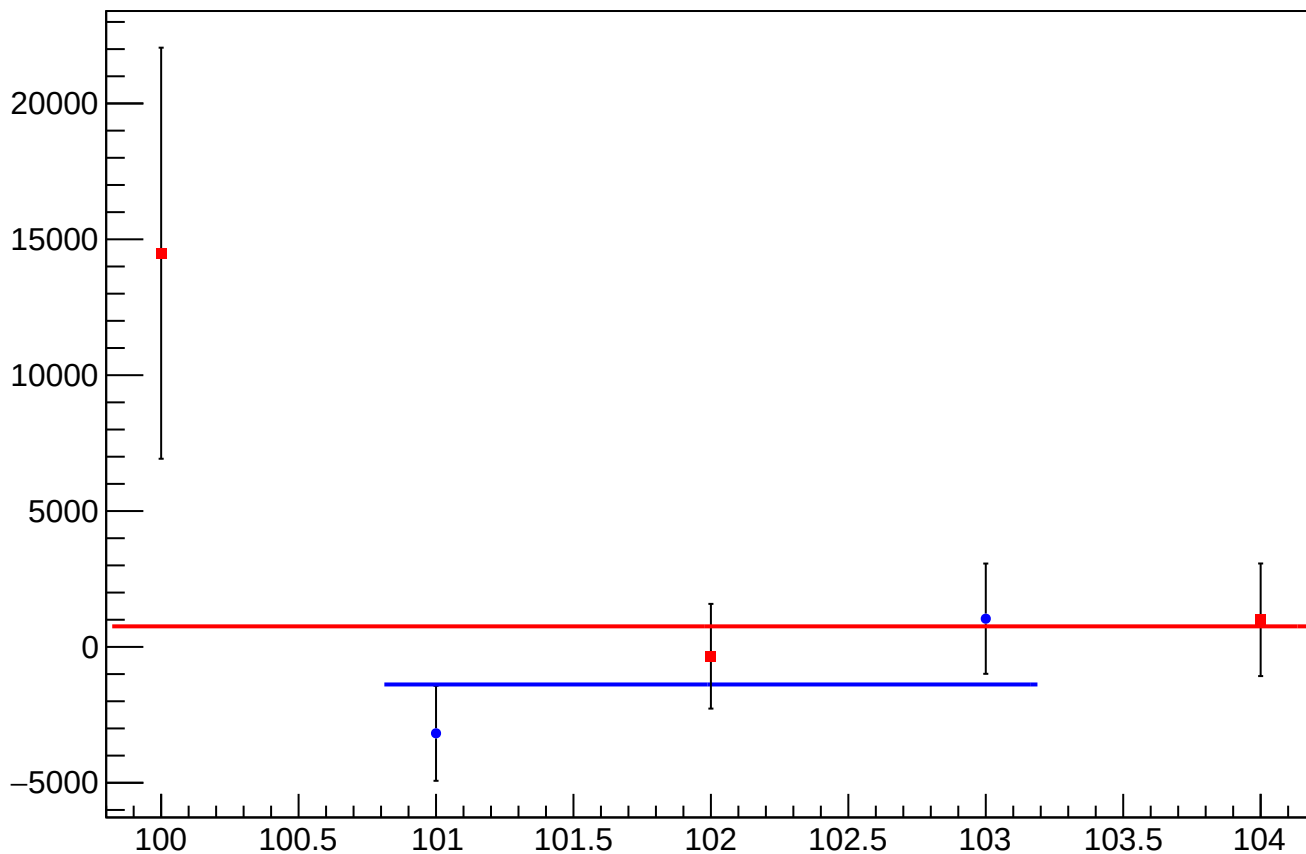
Right: 131.065+/-0.062 χ^2/NDF : 273968.9/4

In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.065+/-0.062 χ^2/NDF : 273968.9/4

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: 756.732+/-1387.060 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

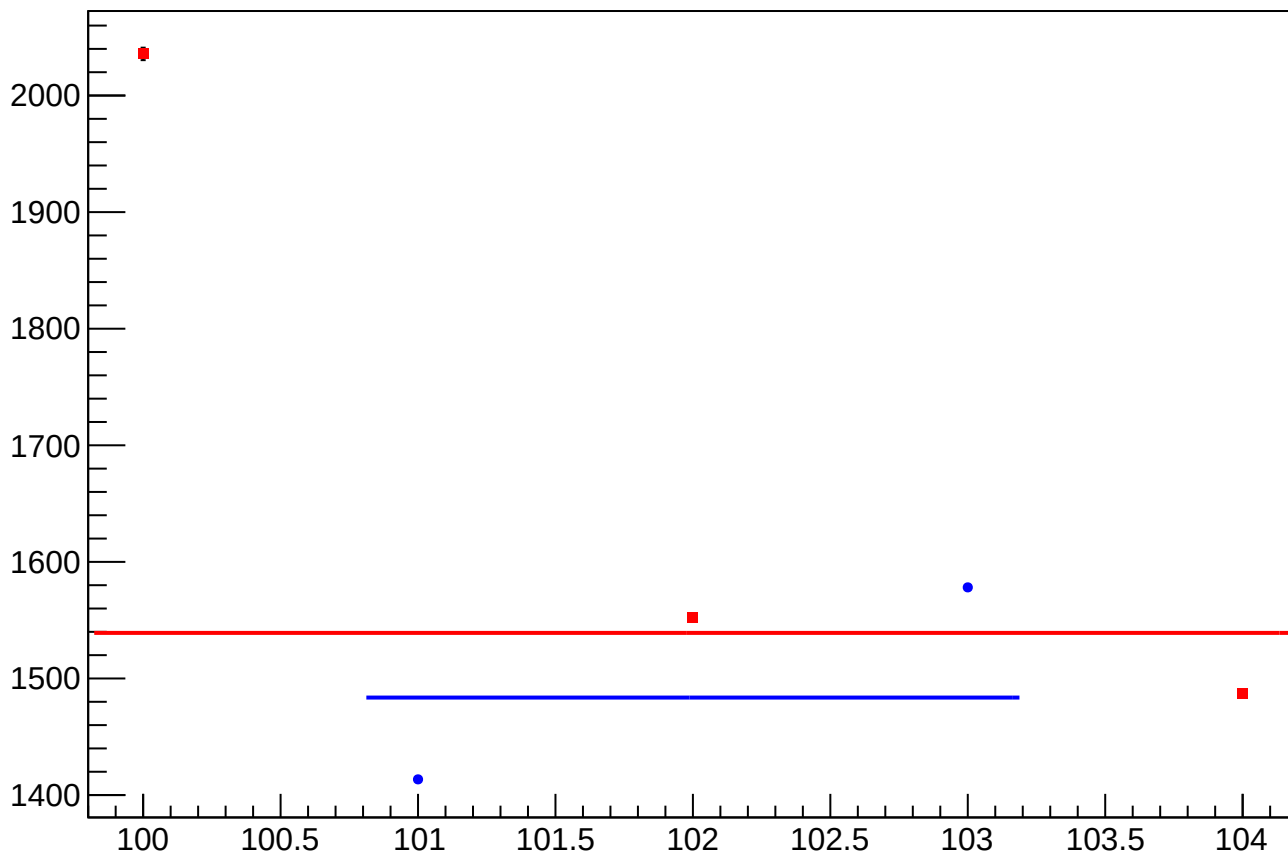
Right: -362.121+/-957.856 χ^2/NDF : 7.4/4

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.121+/-957.856 χ^2/NDF : 7.4/4

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right: 1510.079 ± 0.677 χ^2/NDF : 19206.8/4

In: 1483.628 ± 0.936 χ^2/NDF : 7560.7/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1510.079 ± 0.677 χ^2/NDF : 19206.8/4

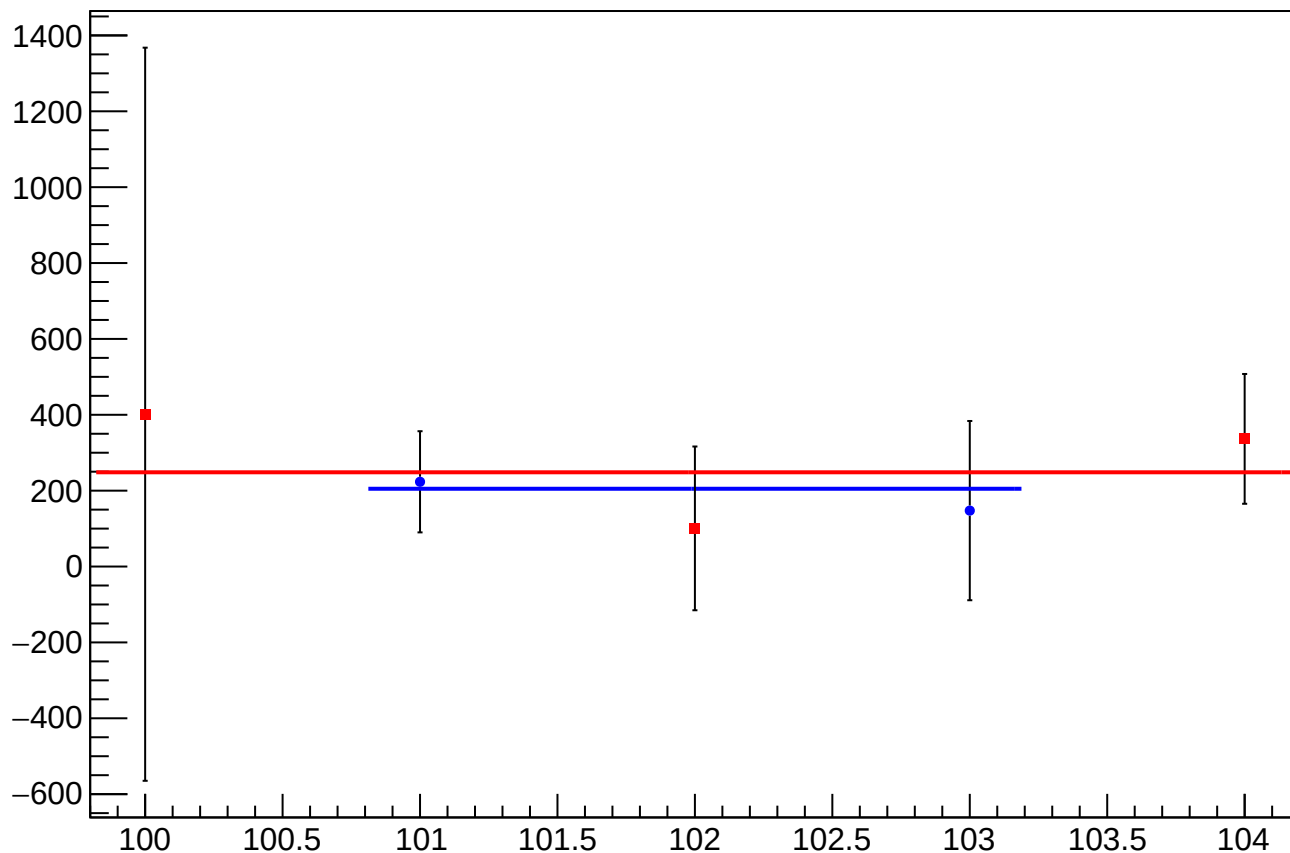
Right In: 1483.628 ± 0.936 χ^2/NDF : 7560.7/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1539.094 ± 0.981 χ^2/NDF : 9973.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

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: 248.425 $\pm$ 132.787 χ^2 /NDF: 0.8/2

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

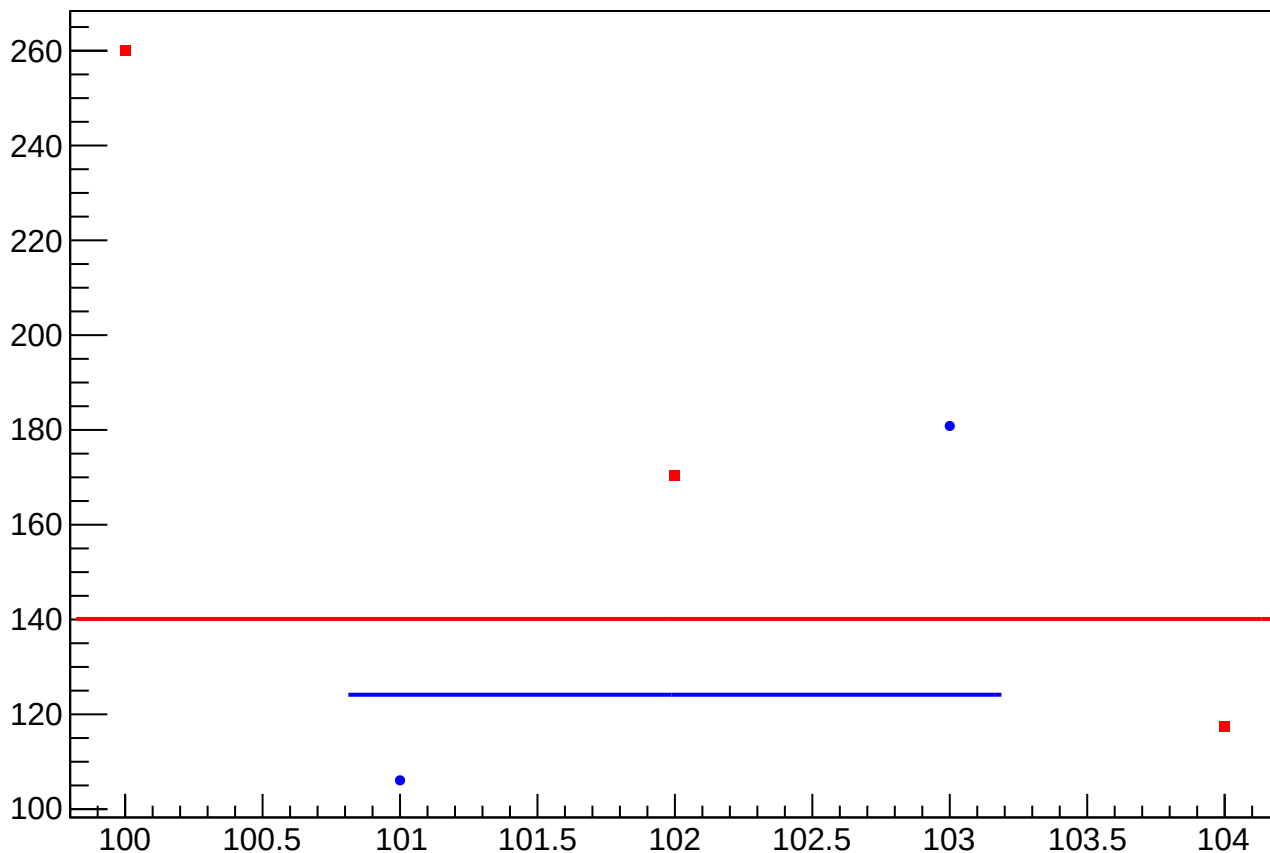
Right: 223.829 $\pm$ 87.412 χ^2 /NDF: 0.9/4

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: 223.829 $\pm$ 87.412 χ^2 /NDF: 0.9/4

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.125+/-0.094 χ^2/NDF : 105633.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

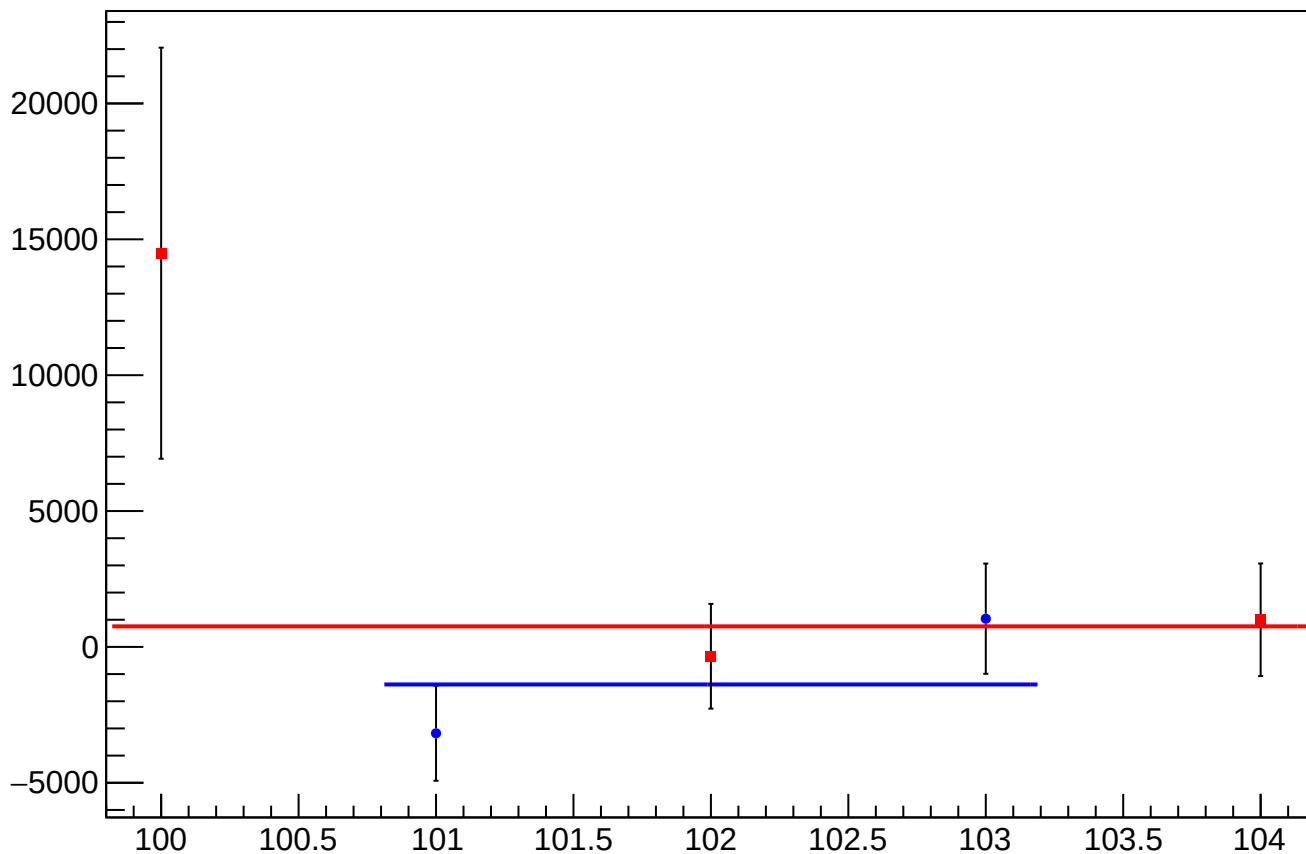
Right: 131.065+/-0.062 χ^2/NDF : 273968.9/4

In: 124.137+/-0.082 χ^2/NDF : 151906.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.065+/-0.062 χ^2/NDF : 273968.9/4

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: 756.732+/-1387.060 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

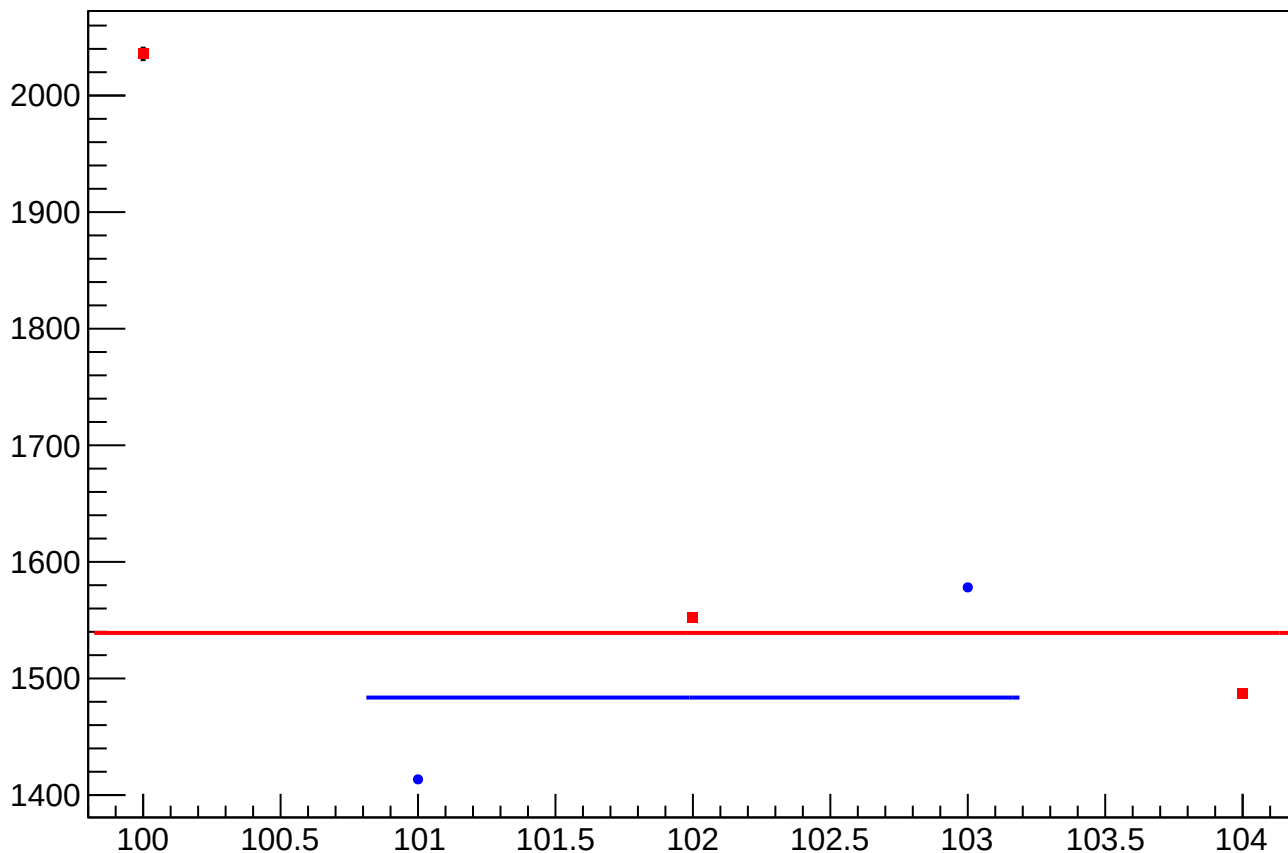
Right: -362.121+/-957.856 χ^2/NDF : 7.4/4

In: -1382.076+/-1324.340 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.121+/-957.856 χ^2/NDF : 7.4/4

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1483.628 $\pm$ 0.936 χ^2 /NDF: 7560.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1539.094 $\pm$ 0.981 χ^2 /NDF: 9973.0/2

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

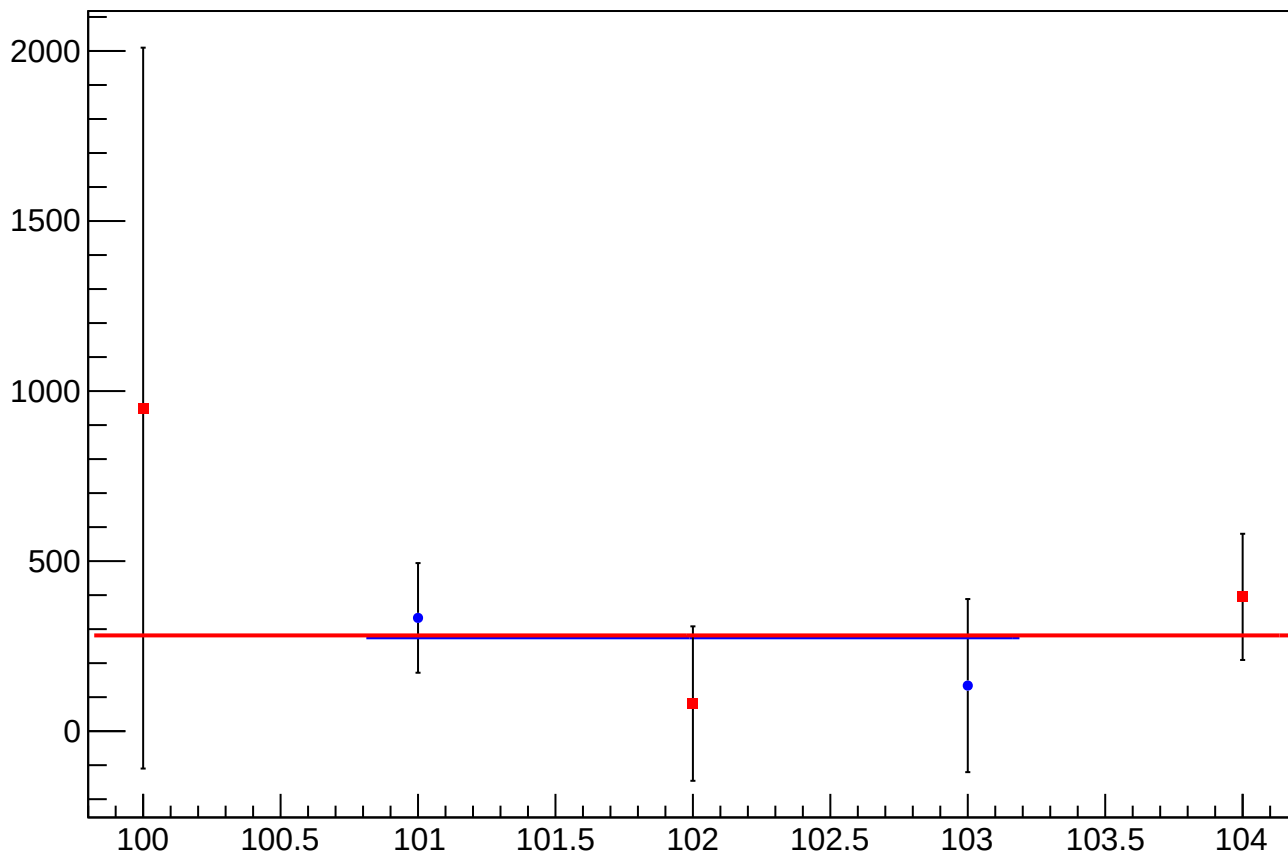
Right: 1510.079 $\pm$ 0.677 χ^2 /NDF: 19206.8/4

In: 1483.628 $\pm$ 0.936 χ^2 /NDF:7560.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1510.079 $\pm$ 0.677 χ^2 /NDF: 19206.8/4

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: 281.557+/-142.362 χ^2/NDF : 1.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

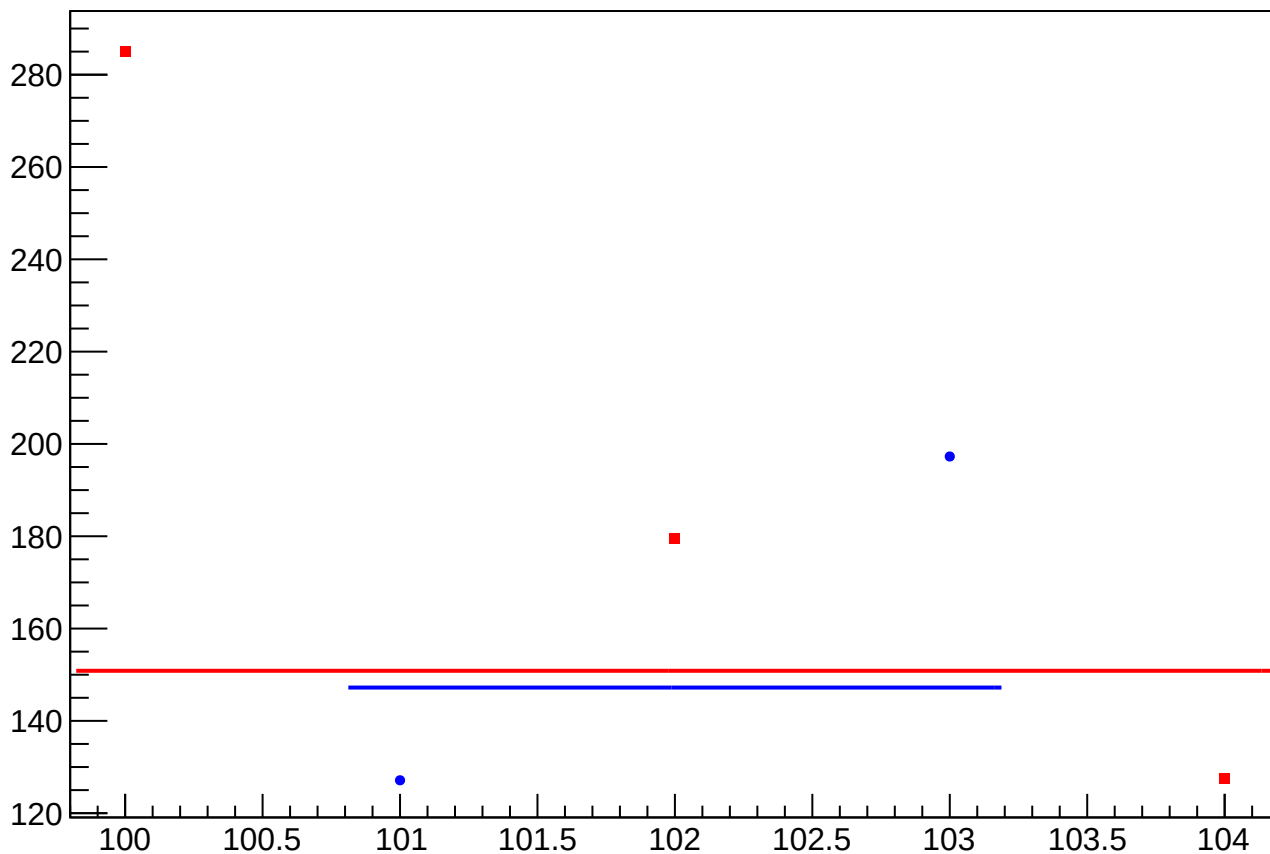
Right: 278.673+/-98.409 χ^2/NDF : 2.0/4

In: 276.034+/-136.186 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.673+/-98.409 χ^2/NDF : 2.0/4

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219+/-0.096 χ^2/NDF : 108447.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.851+/-0.101 χ^2/NDF : 95768.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

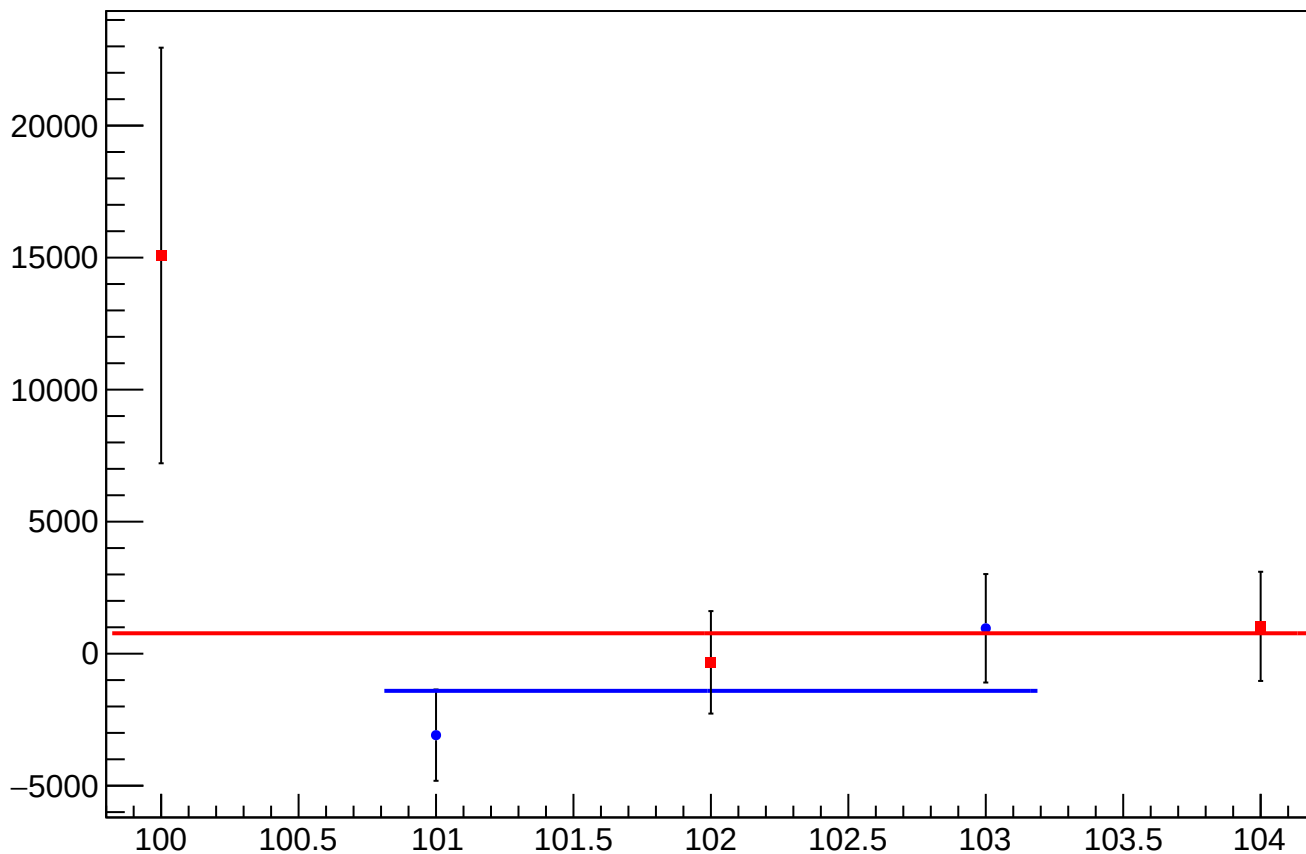
Right: 148.955+/-0.070 χ^2/NDF : 204895.4/4

In: 147.219+/-0.096 χ^2/NDF : 108447.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.955+/-0.070 χ^2/NDF : 204895.4/4

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: 772.830+/-1392.615 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

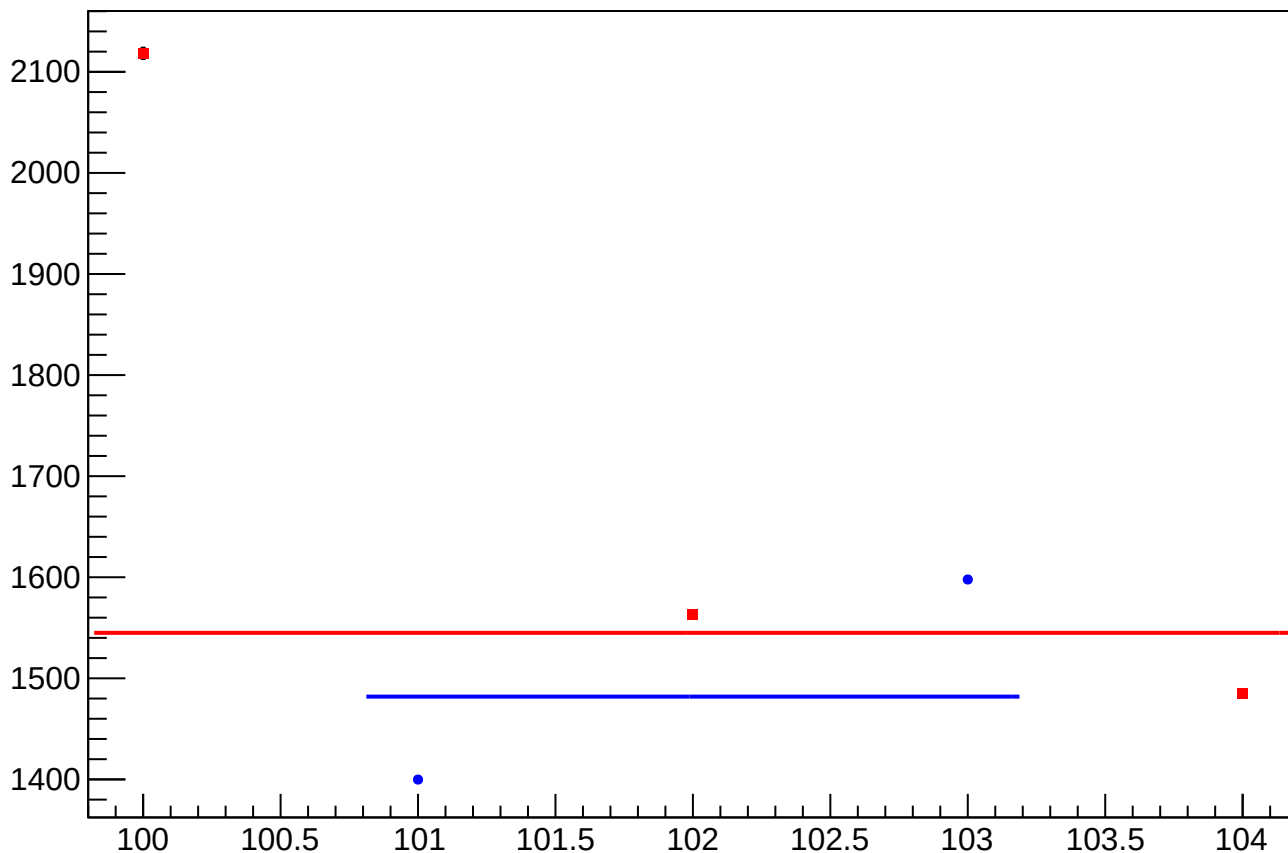
Right: -373.587+/-958.989 χ^2/NDF : 7.2/4

In: -1407.515+/-1322.528 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.587+/-958.989 χ^2/NDF : 7.2/4

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: 1544.992 $\pm$ 0.985 χ^2 /NDF: 12465.1/2

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

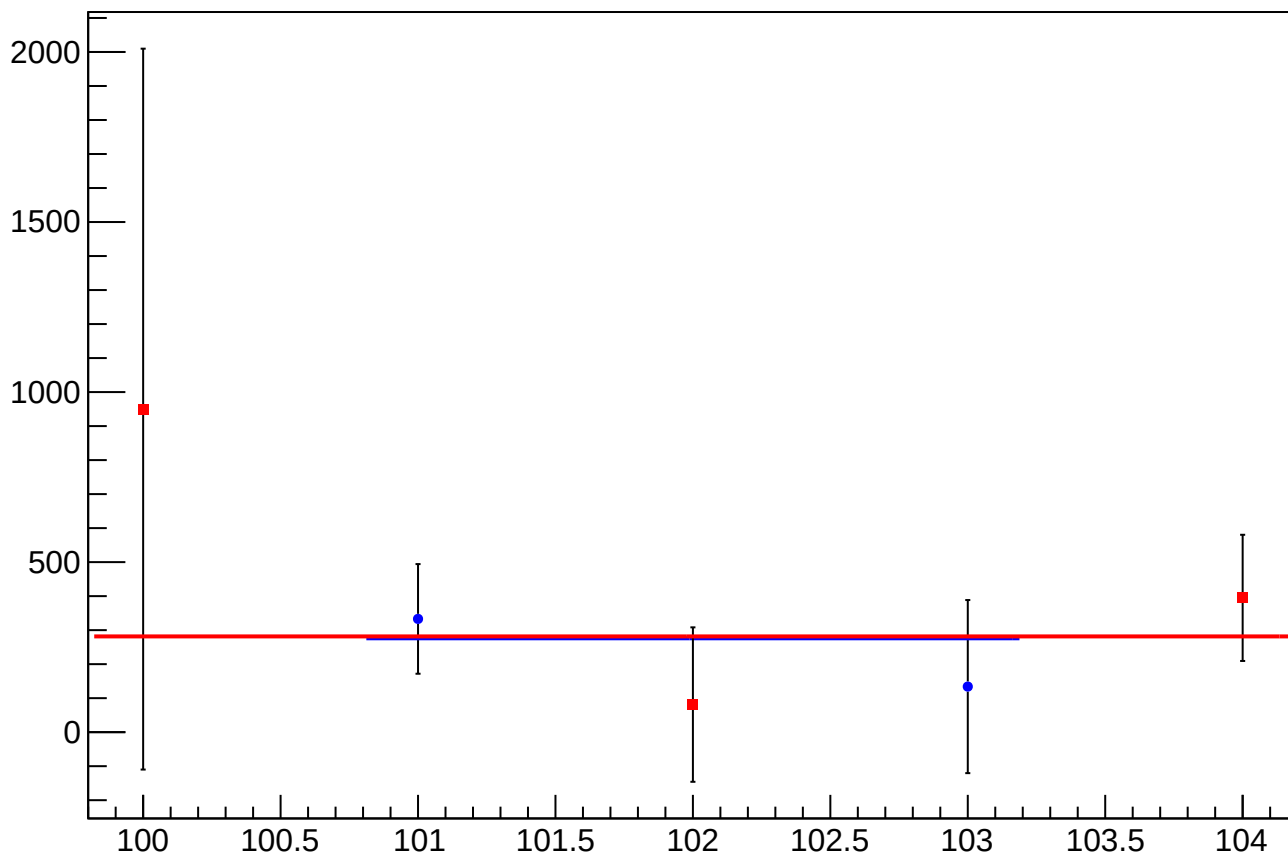
Right: 1511.825 $\pm$ 0.678 χ^2 /NDF: 25495.9/4

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: 1511.825 $\pm$ 0.678 χ^2 /NDF: 25495.9/4

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: 281.562 $\pm$ 142.362 χ^2 /NDF: 1.5/2

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

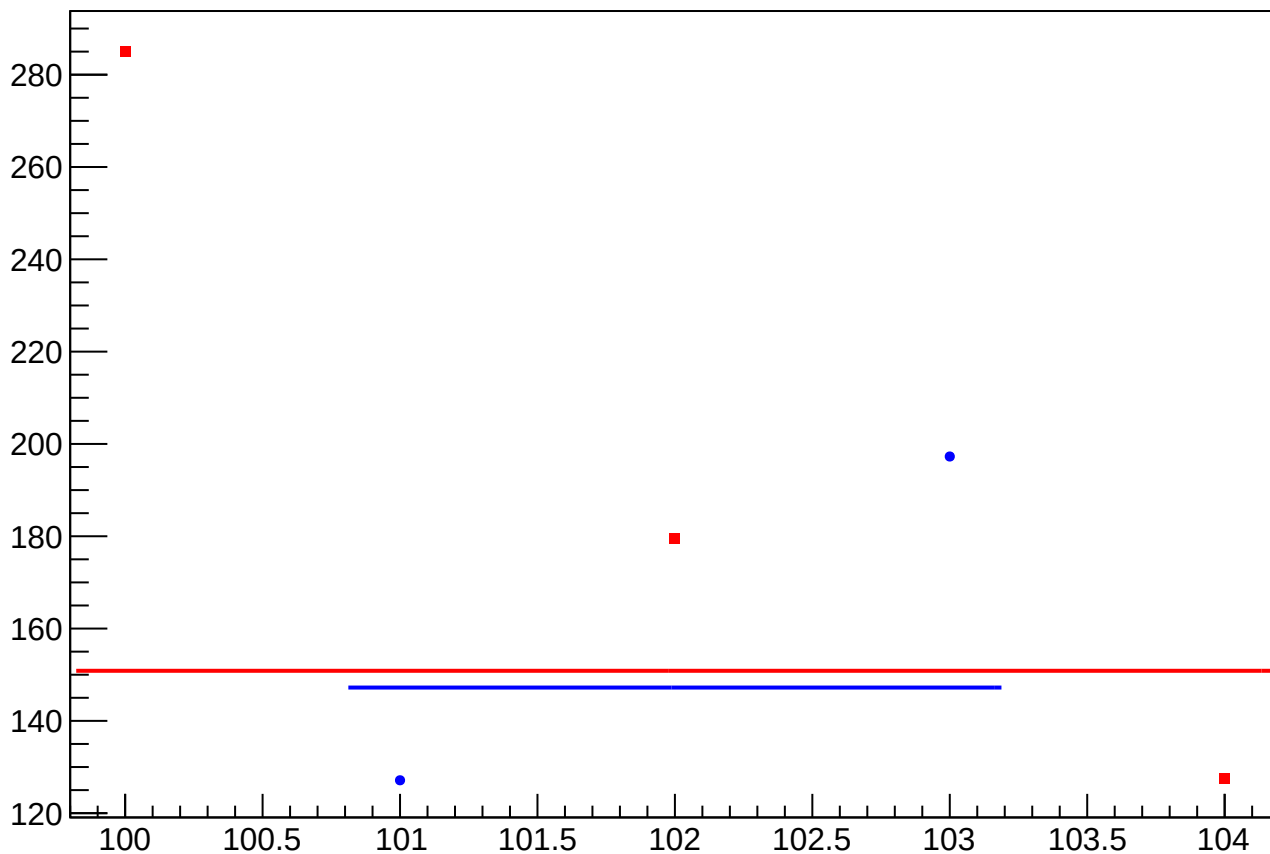
Right: 278.675 $\pm$ 98.409 χ^2 /NDF: 2.0/4

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: 278.675 $\pm$ 98.409 χ^2 /NDF: 2.0/4

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 147.219+/-0.096 χ^2/NDF : 108443.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.851+/-0.101 χ^2/NDF : 95767.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

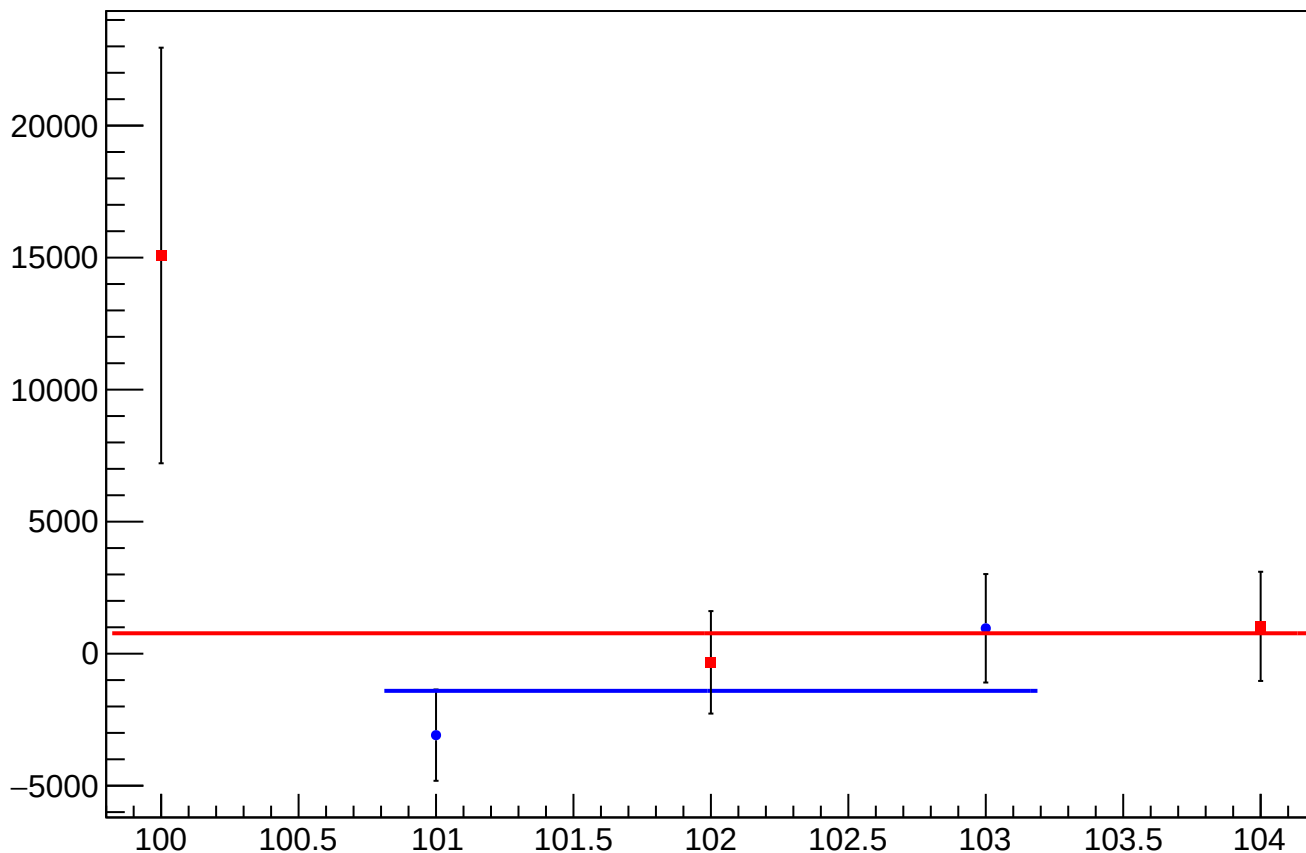
Right: 148.955+/-0.070 χ^2/NDF : 204890.7/4

In: 147.219+/-0.096 χ^2/NDF : 108443.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.955+/-0.070 χ^2/NDF : 204890.7/4

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.514+/-1322.526 χ^2/NDF : 2.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 772.830+/-1392.612 χ^2/NDF : 3.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

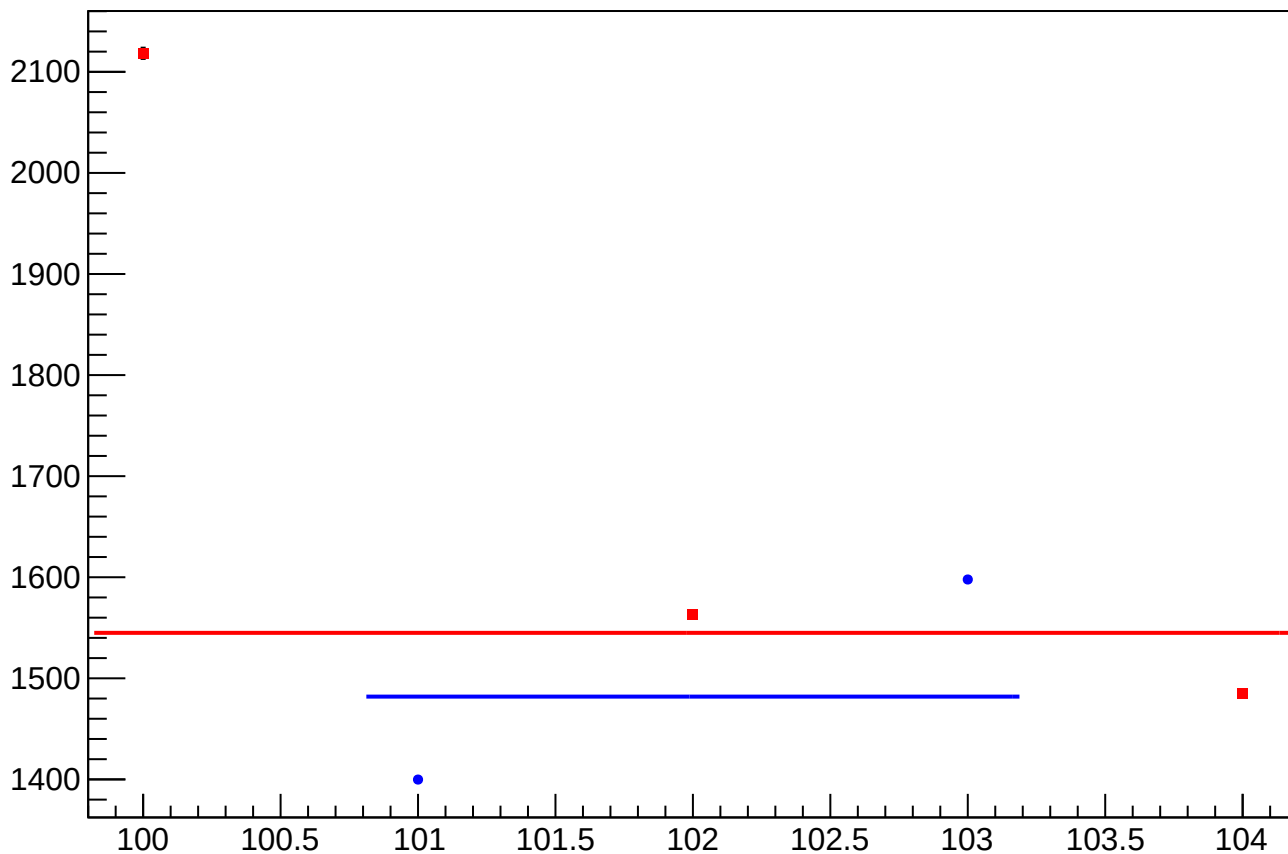
Right: -373.585+/-958.987 χ^2/NDF : 7.2/4

In: -1407.514+/-1322.526 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -373.585+/-958.987 χ^2/NDF : 7.2/4

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: 1544.988+/-0.985 χ^2/NDF : 12465.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

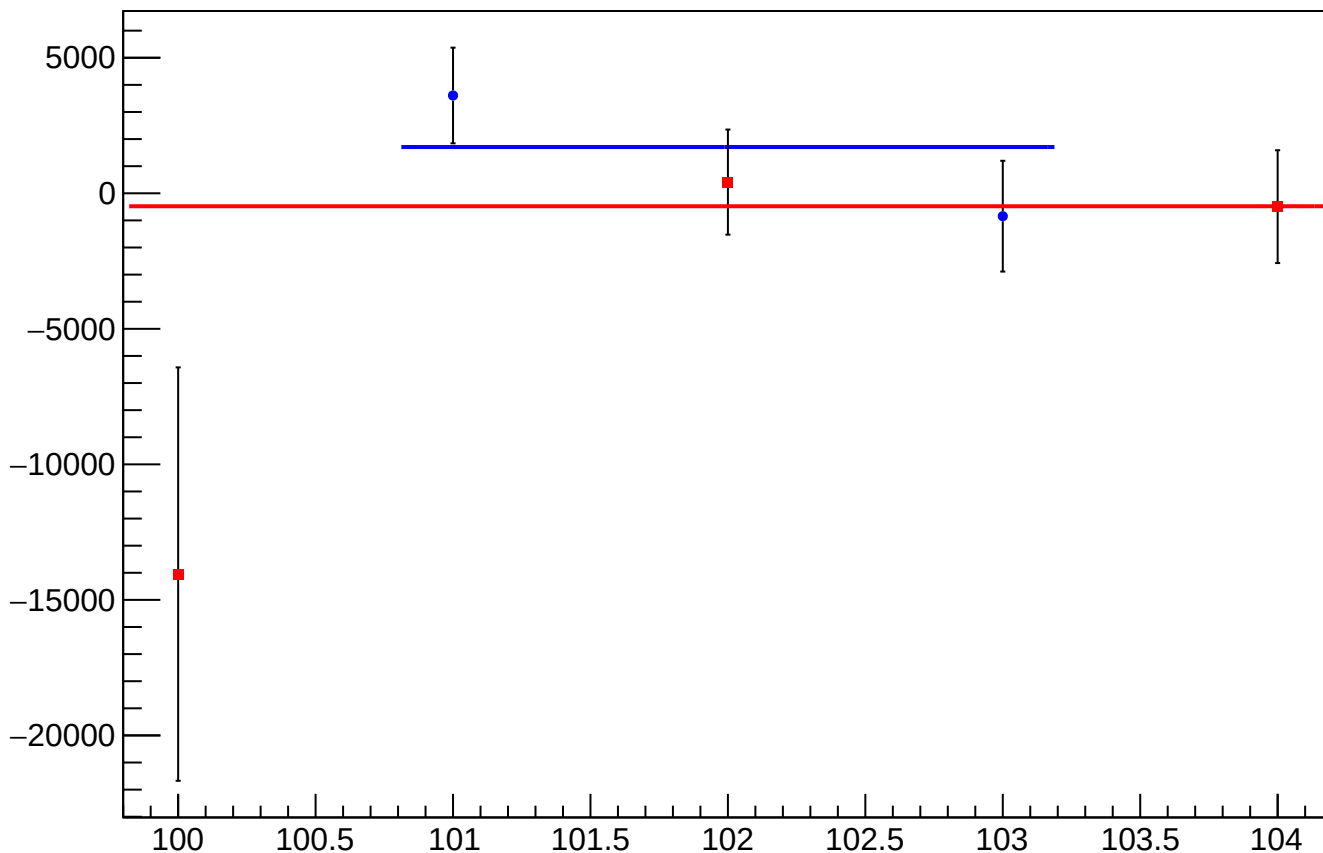
Right: 1511.822+/-0.678 χ^2/NDF : 25495.7/4

In: 1481.910+/-0.935 χ^2/NDF : 10873.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.822+/-0.678 χ^2/NDF : 25495.7/4

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: -477.718+/-1394.622 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

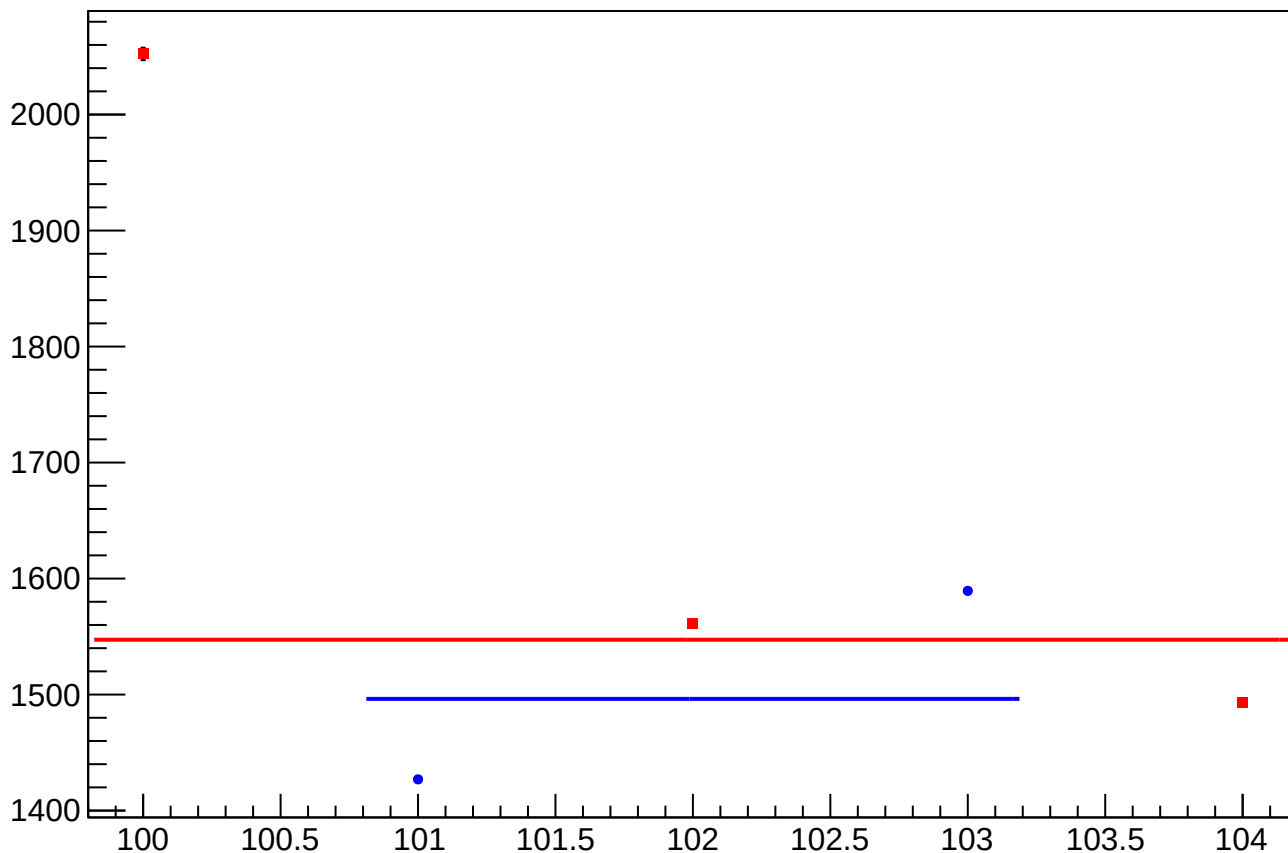
Right: 662.001+/-964.507 χ^2/NDF : 7.4/4

In: 1706.895+/-1335.346 χ^2/NDF : 2.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.001+/-964.507 χ^2/NDF : 7.4/4

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: 1547.282+/-0.986 χ^2/NDF : 10223.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

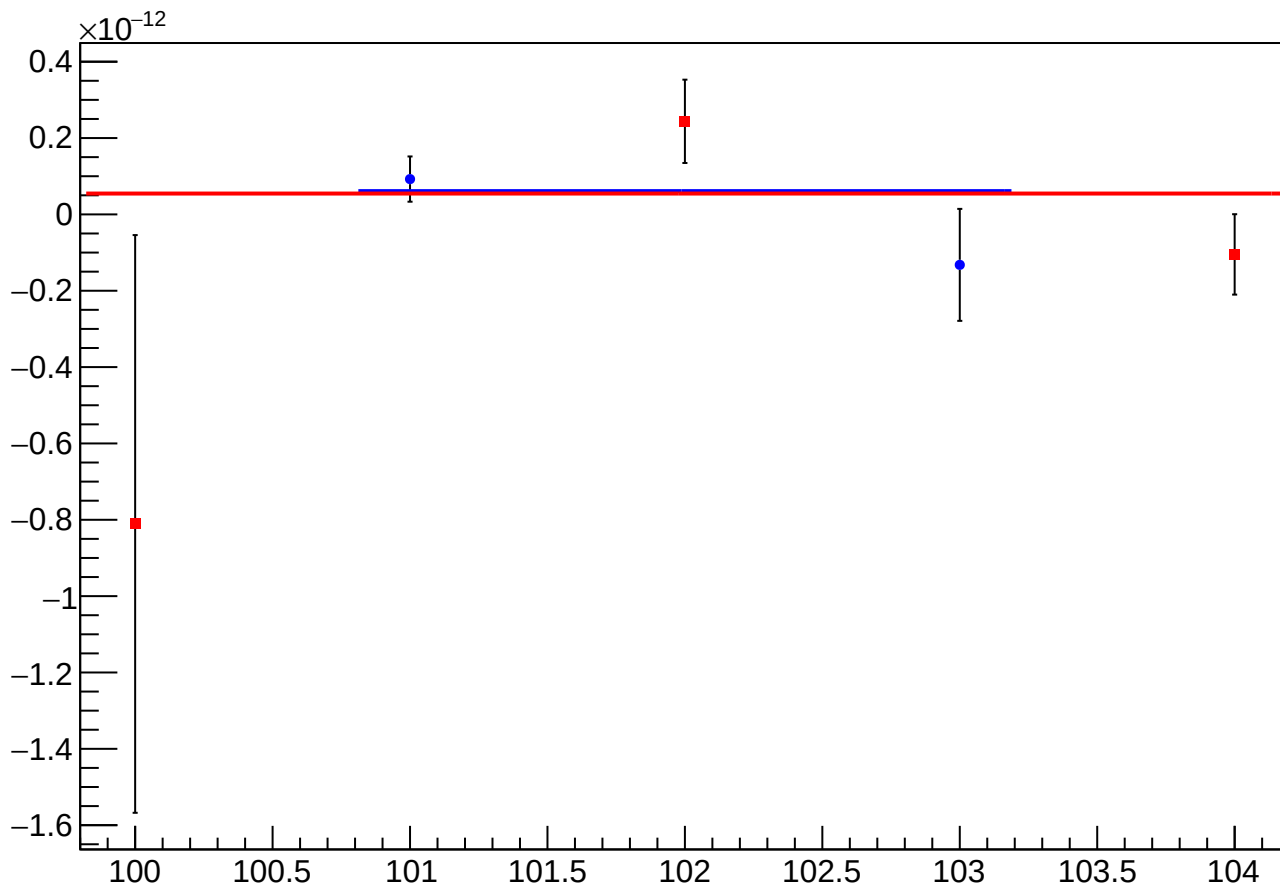
Right: 1520.684+/-0.682 χ^2/NDF : 18862.3/4

In: 1496.300+/-0.944 χ^2/NDF : 7244.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1520.684+/-0.682 χ^2/NDF : 18862.3/4

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 : 6.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

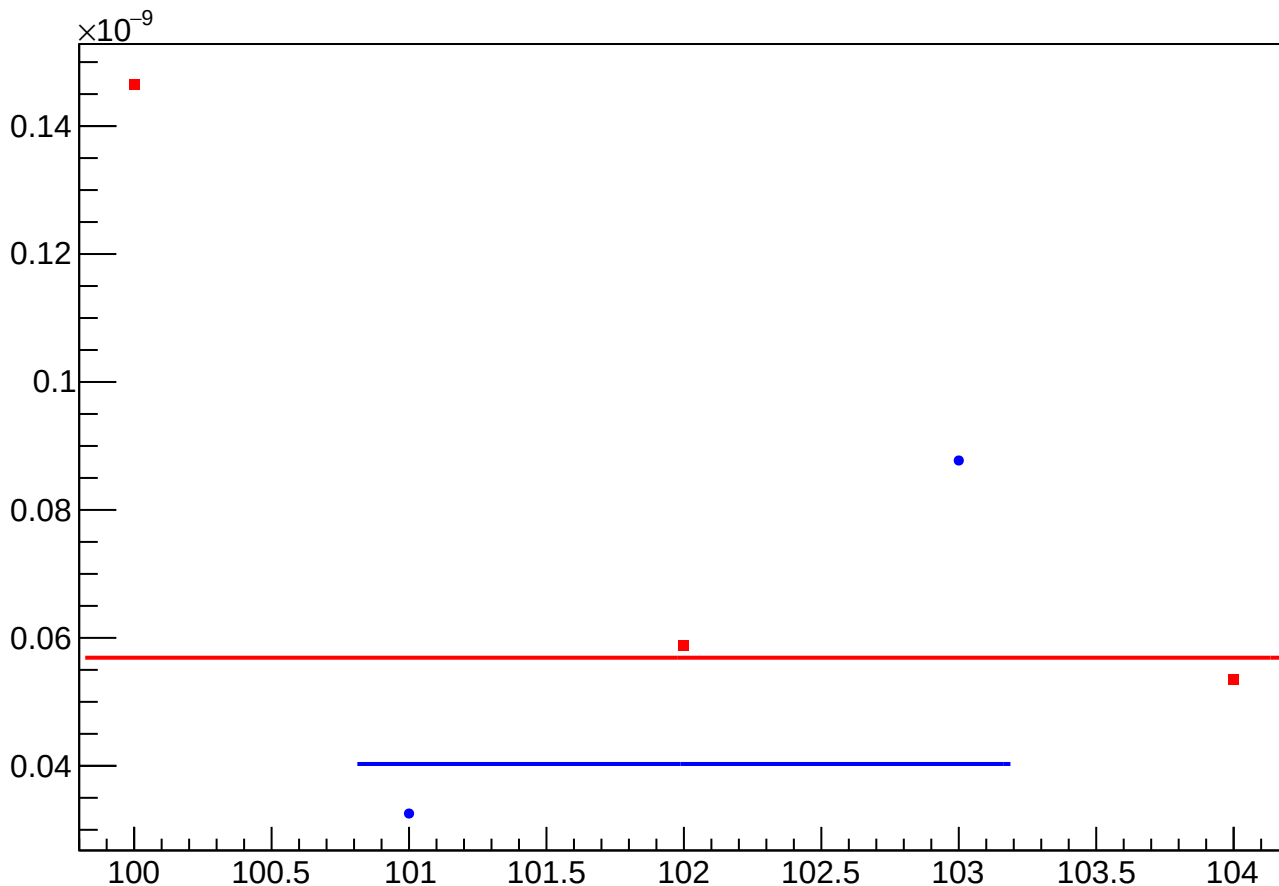
Right: 0.000+/-0.000 χ^2/NDF : 8.6/4

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 : 8.6/4

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 : 30800.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

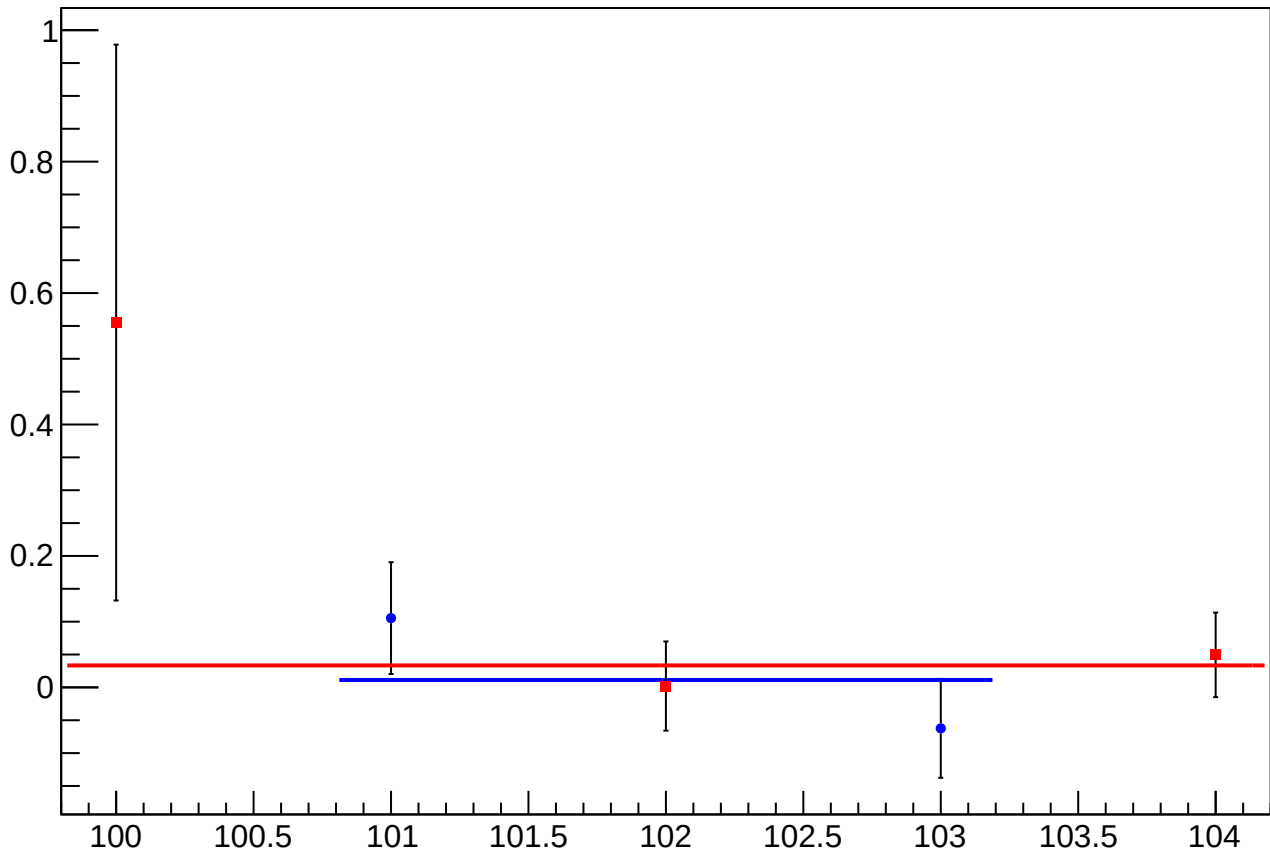
Right: 0.000+/-0.000 χ^2/NDF : 337608.1/4

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 : 337608.1/4

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: 0.033 $\pm$ 0.046 χ^2 /NDF: 1.8/2

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

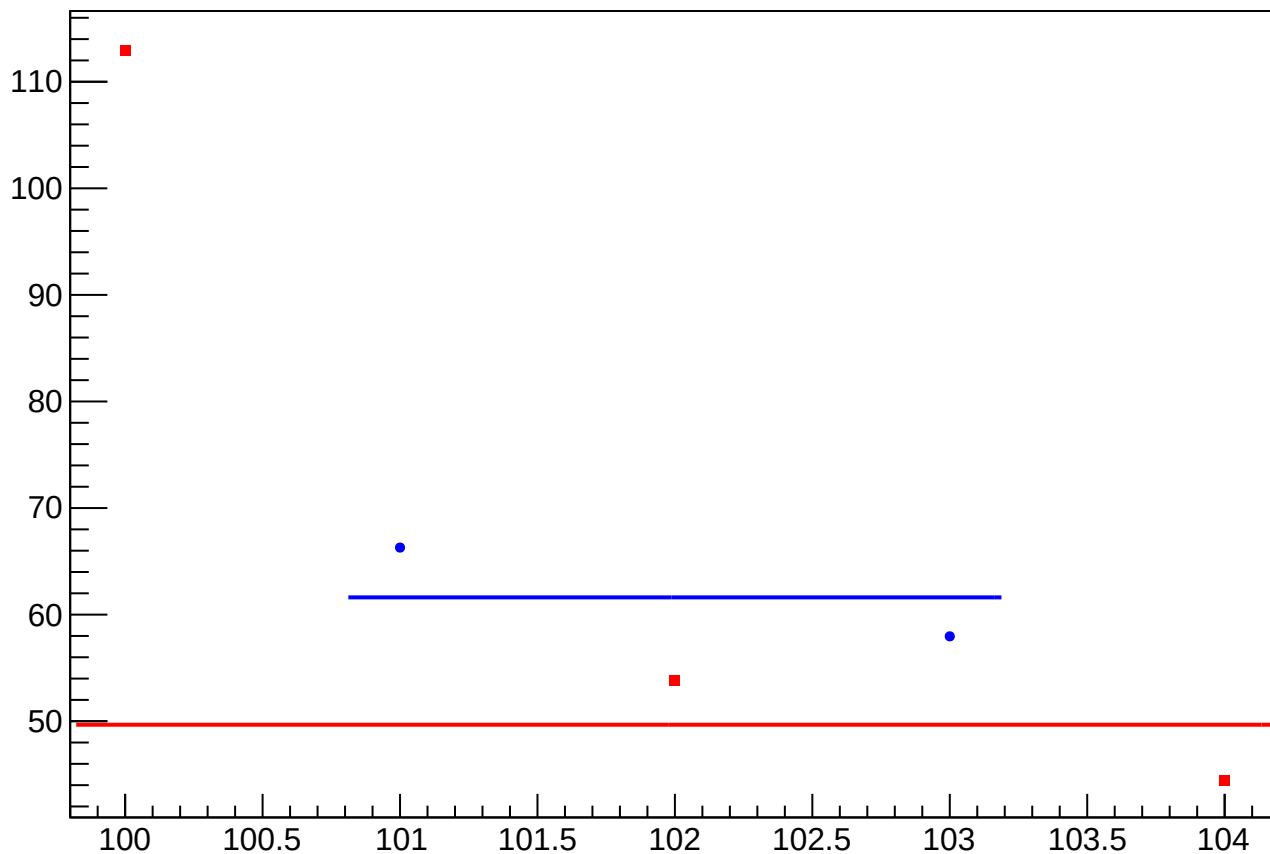
Right: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 49.669+/-0.033 χ^2/NDF : 65450.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

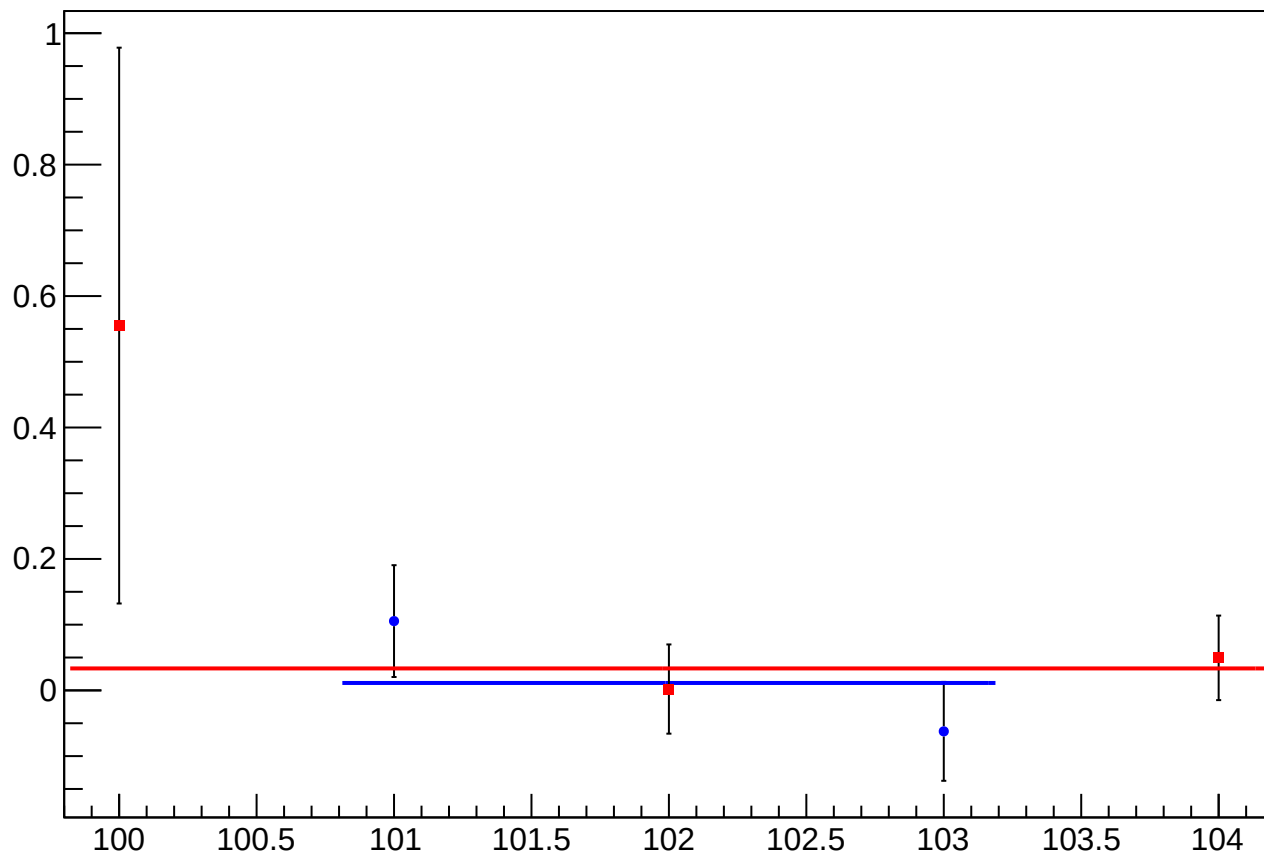
Right: 54.497+/-0.025 χ^2/NDF : 129793.3/4

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.497+/-0.025 χ^2/NDF : 129793.3/4

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: 0.033 $\pm$ 0.046 χ^2 /NDF: 1.8/2

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

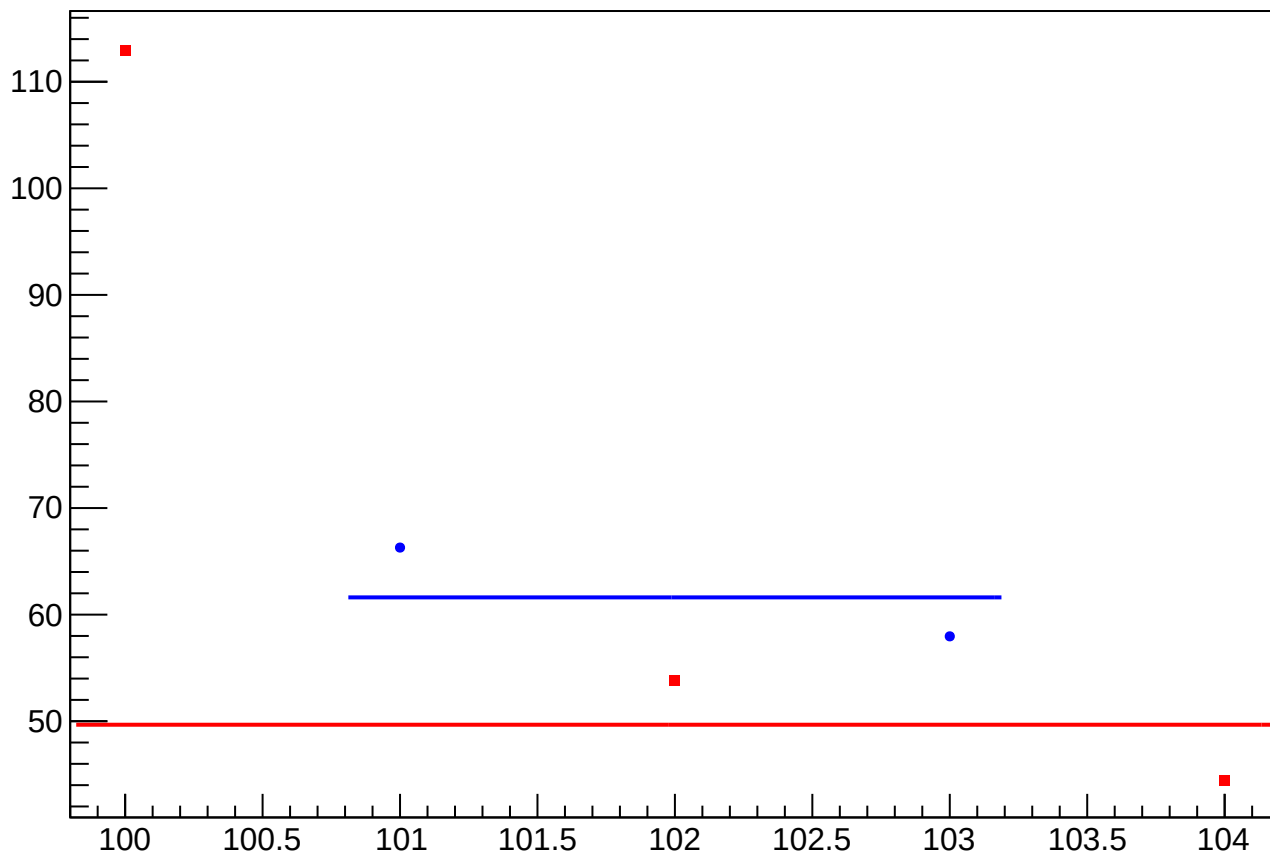
Right: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 49.669+/-0.033 χ^2/NDF : 65450.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

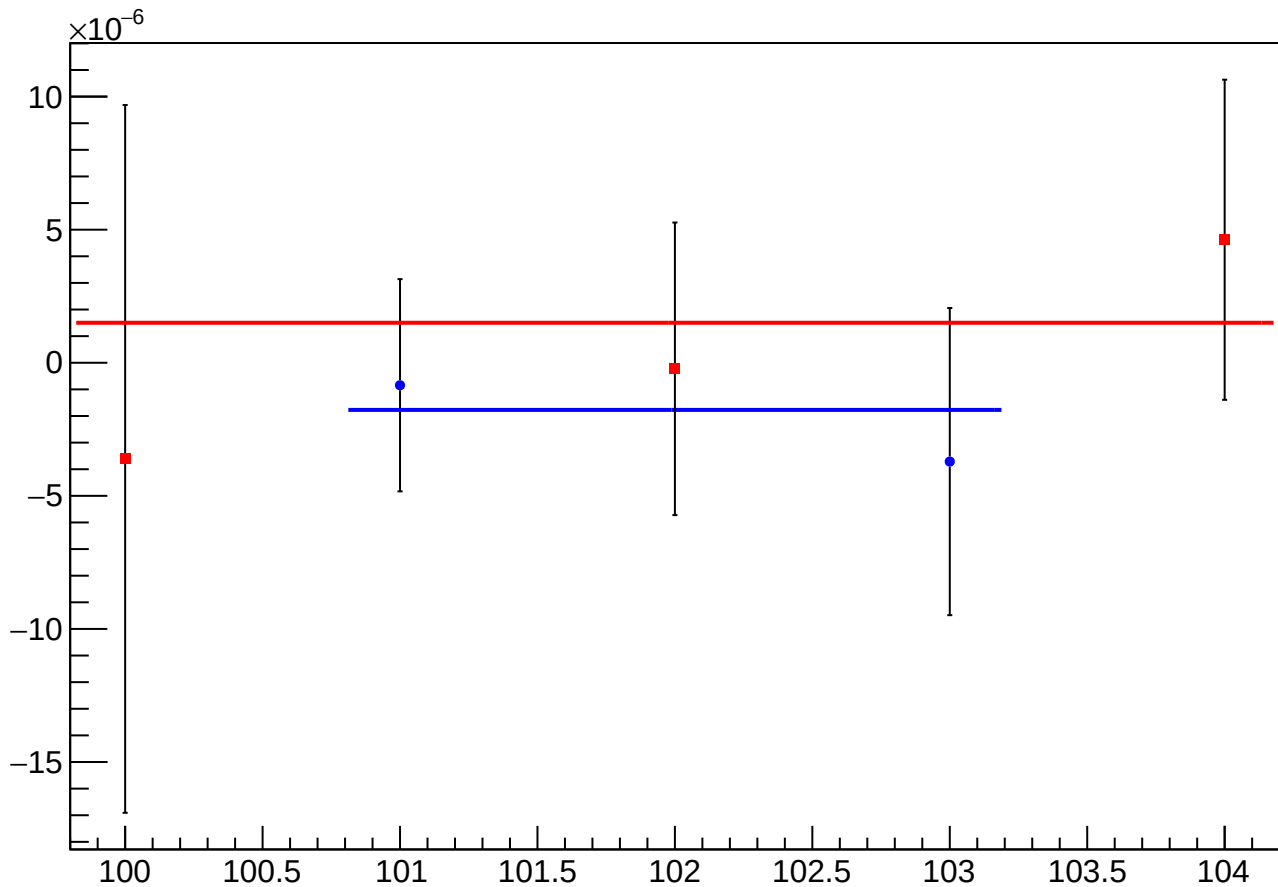
Right: 54.497+/-0.025 χ^2/NDF : 129793.3/4

In: 61.618+/-0.040 χ^2/NDF : 10757.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.497+/-0.025 χ^2/NDF : 129793.3/4

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 : 0.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

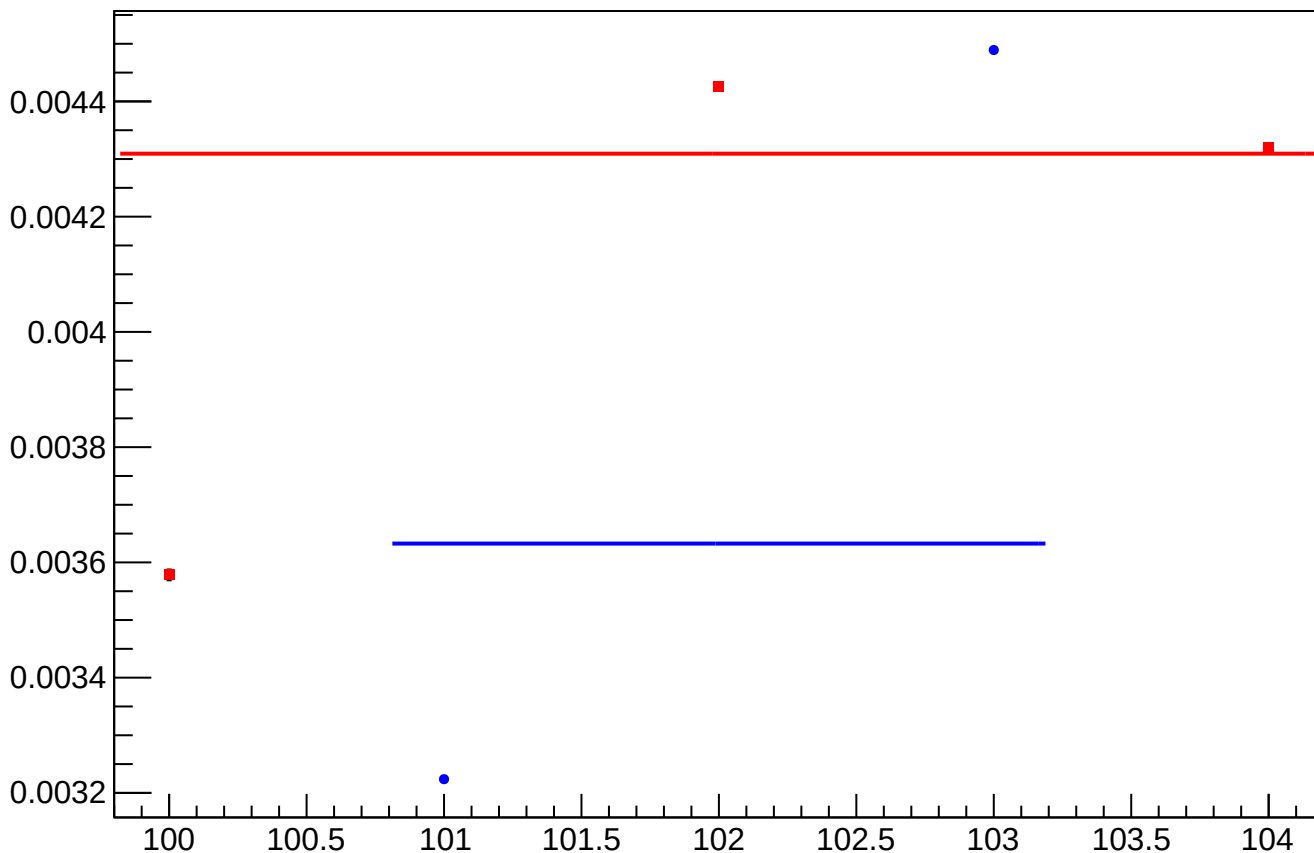
Right: -0.000+/-0.000 χ^2/NDF : 1.1/4

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 : 1.1/4

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 65100.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6945.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

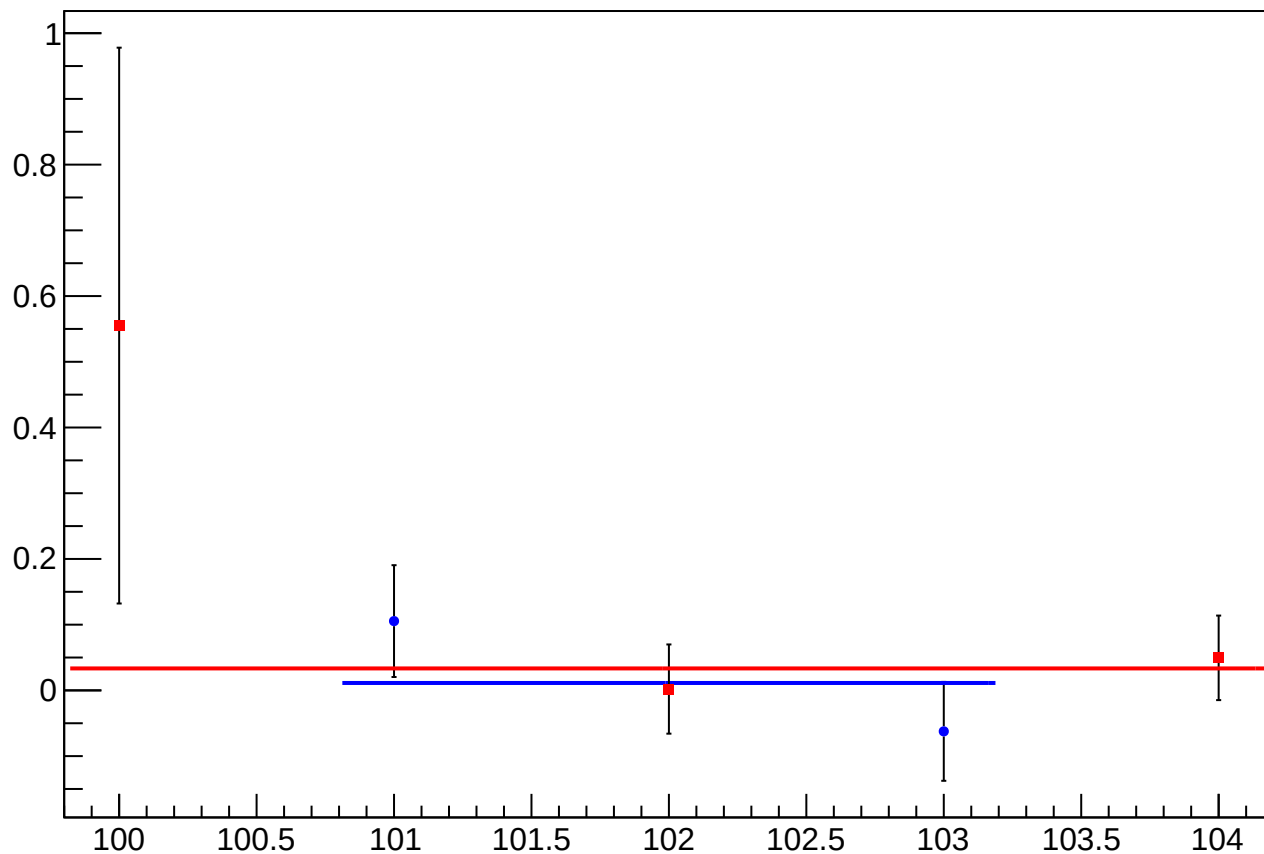
Right: 0.004+/-0.000 χ^2/NDF : 107515.8/4

In: 0.004+/-0.000 χ^2/NDF : 65100.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 107515.8/4

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: 0.033 $\pm$ 0.046 χ^2 /NDF: 1.8/2

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

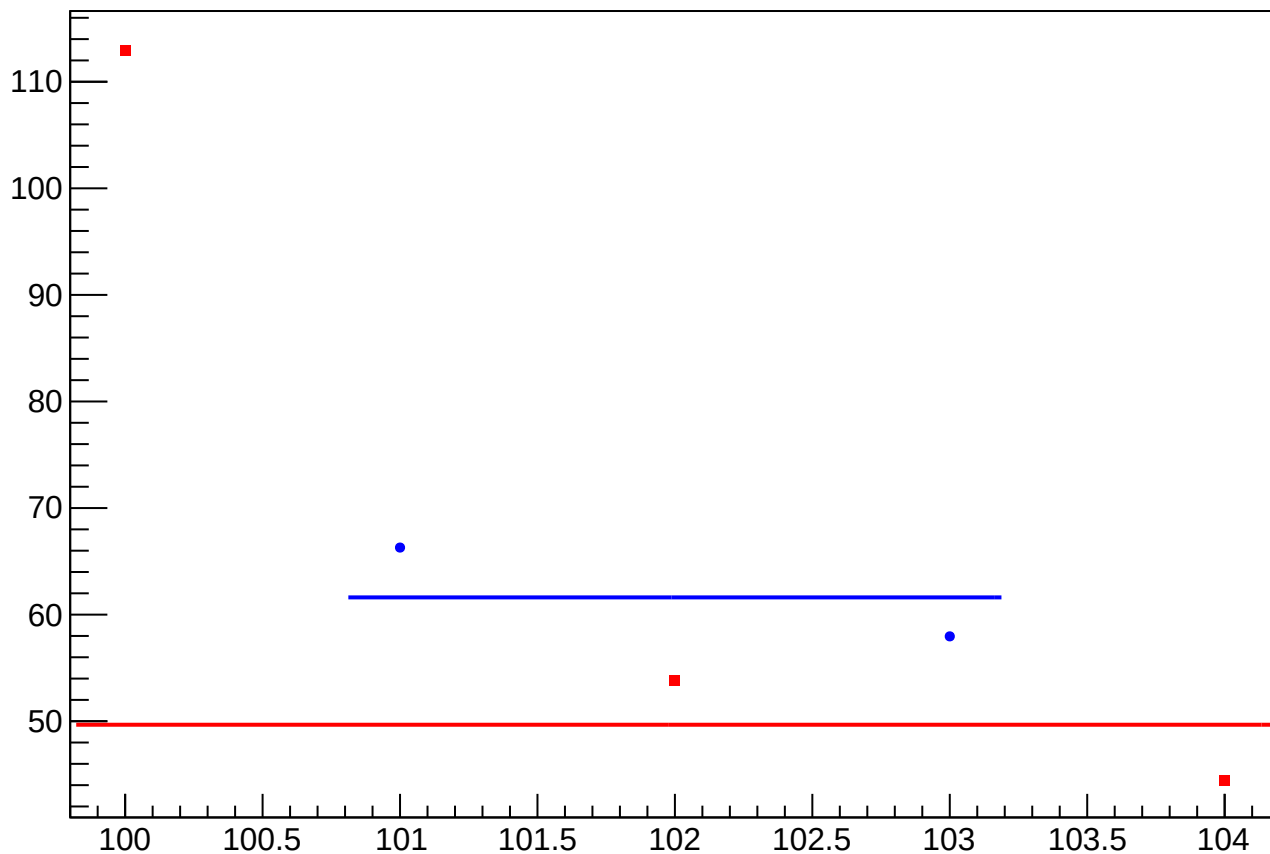
Right: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 49.669+/-0.033 χ^2/NDF : 65445.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

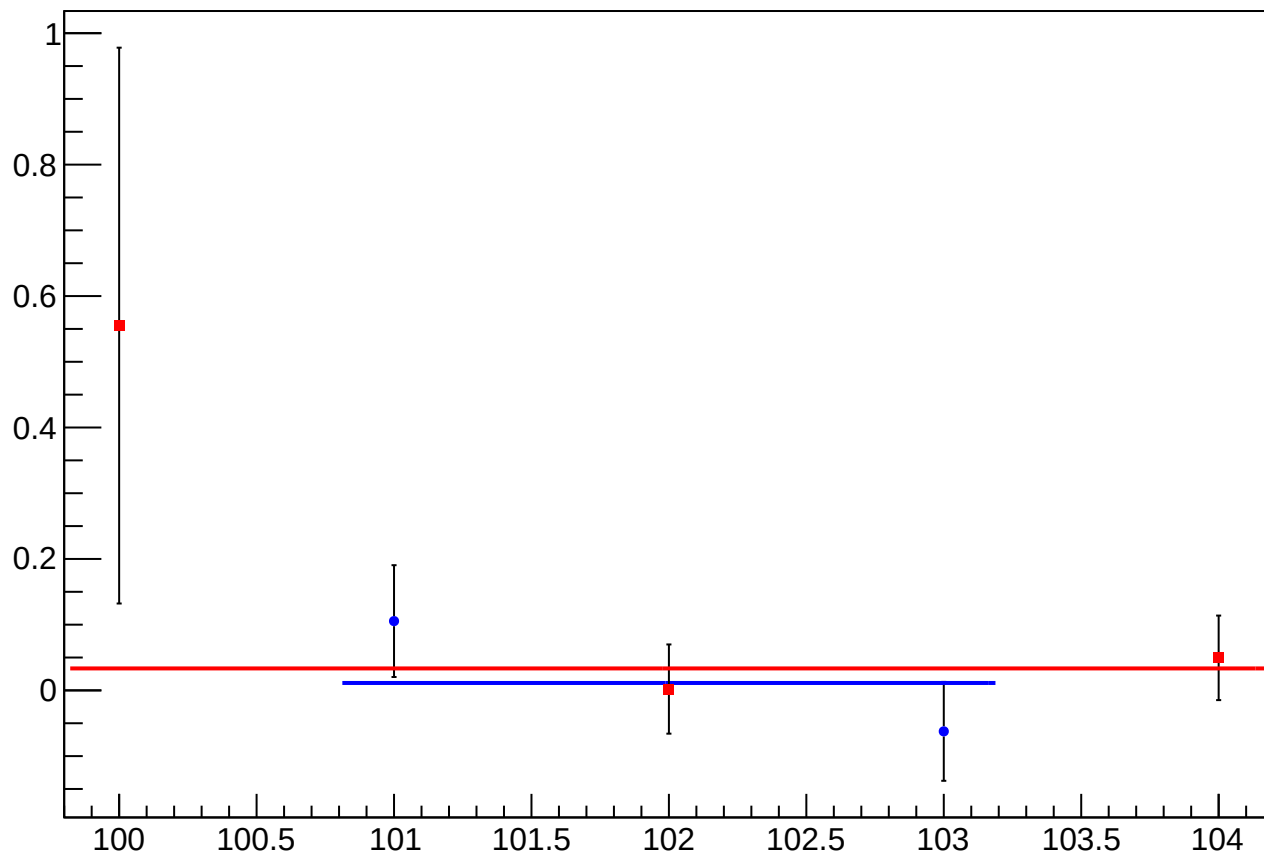
Right: 54.496+/-0.025 χ^2/NDF : 129794.3/4

In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.496+/-0.025 χ^2/NDF : 129794.3/4

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: 0.033 $\pm$ 0.046 χ^2 /NDF: 1.8/2

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

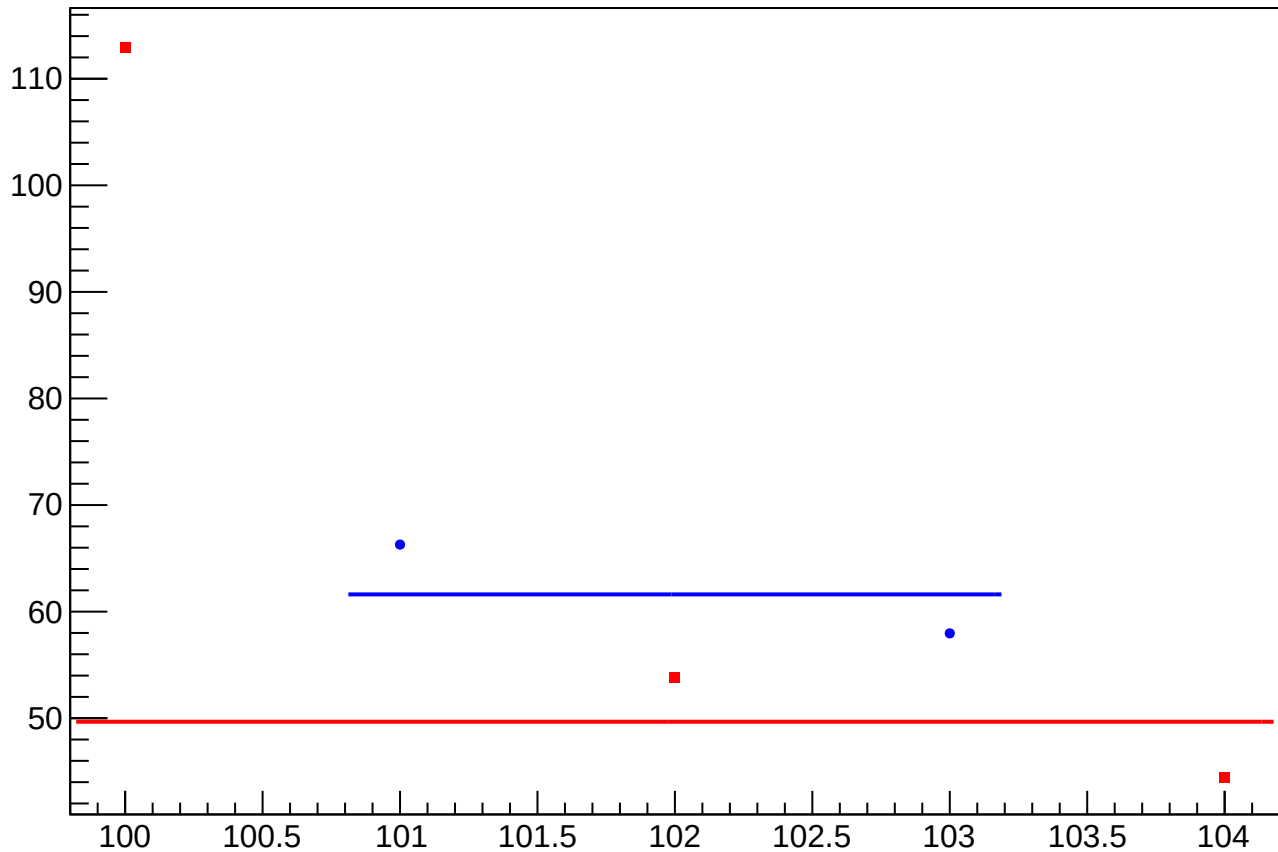
Right: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 0.024 $\pm$ 0.036 χ^2 /NDF: 4.1/4

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: 49.669+/-0.033 χ^2/NDF : 65445.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

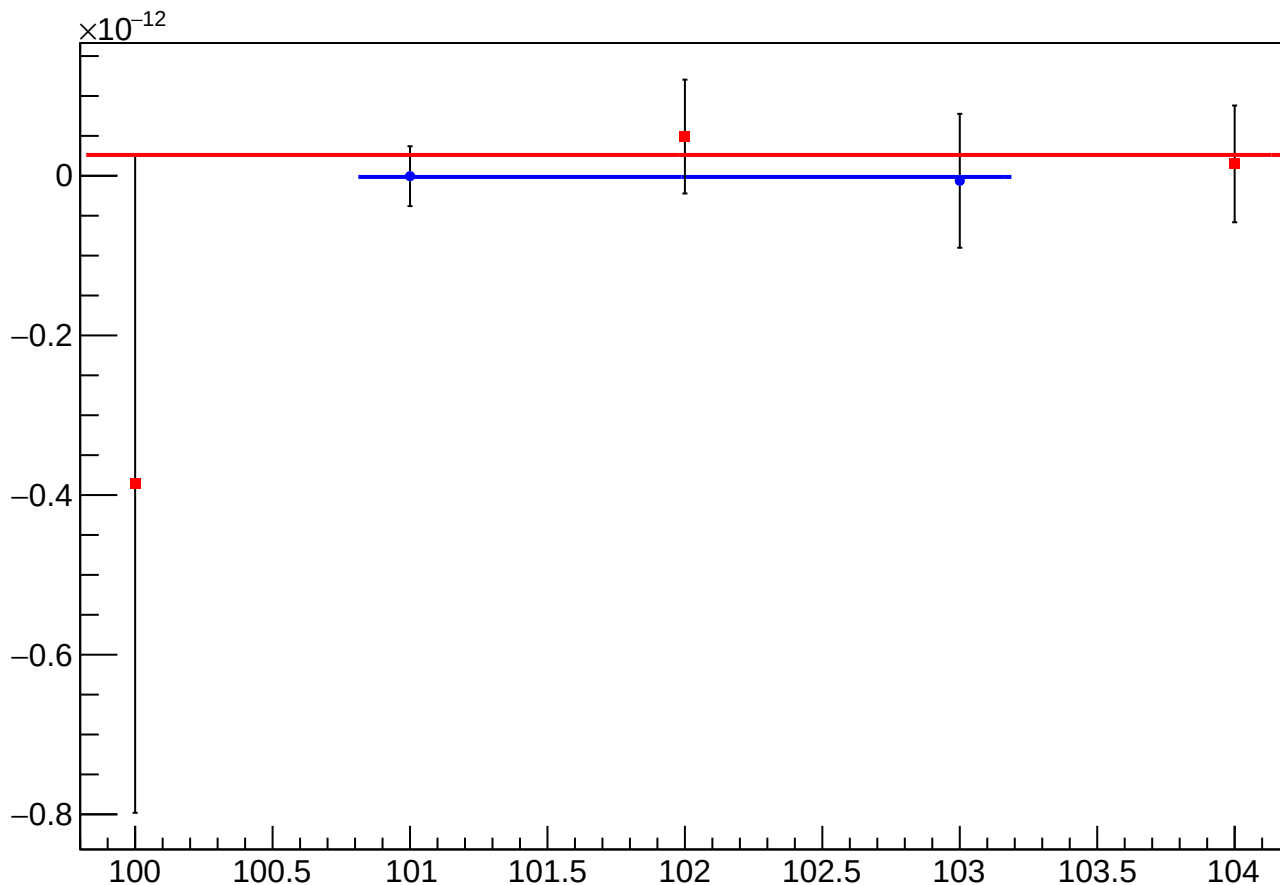
Right: 54.496+/-0.025 χ^2/NDF : 129794.3/4

In: 61.618+/-0.040 χ^2/NDF : 10763.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.496+/-0.025 χ^2/NDF : 129794.3/4

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: 1.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

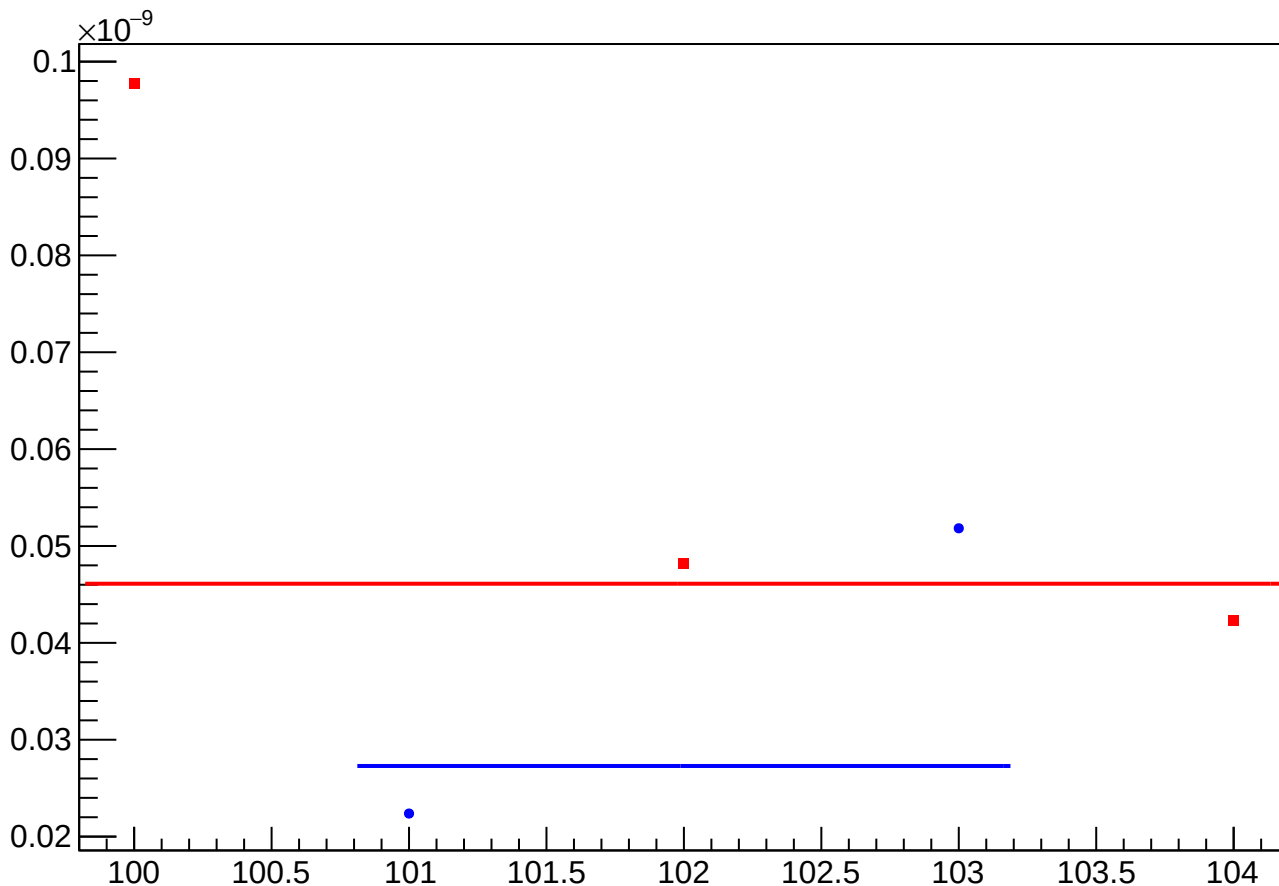
Right: 0.000+/-0.000 χ^2 /NDF: 1.3/4

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: 1.3/4

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 : 38363.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

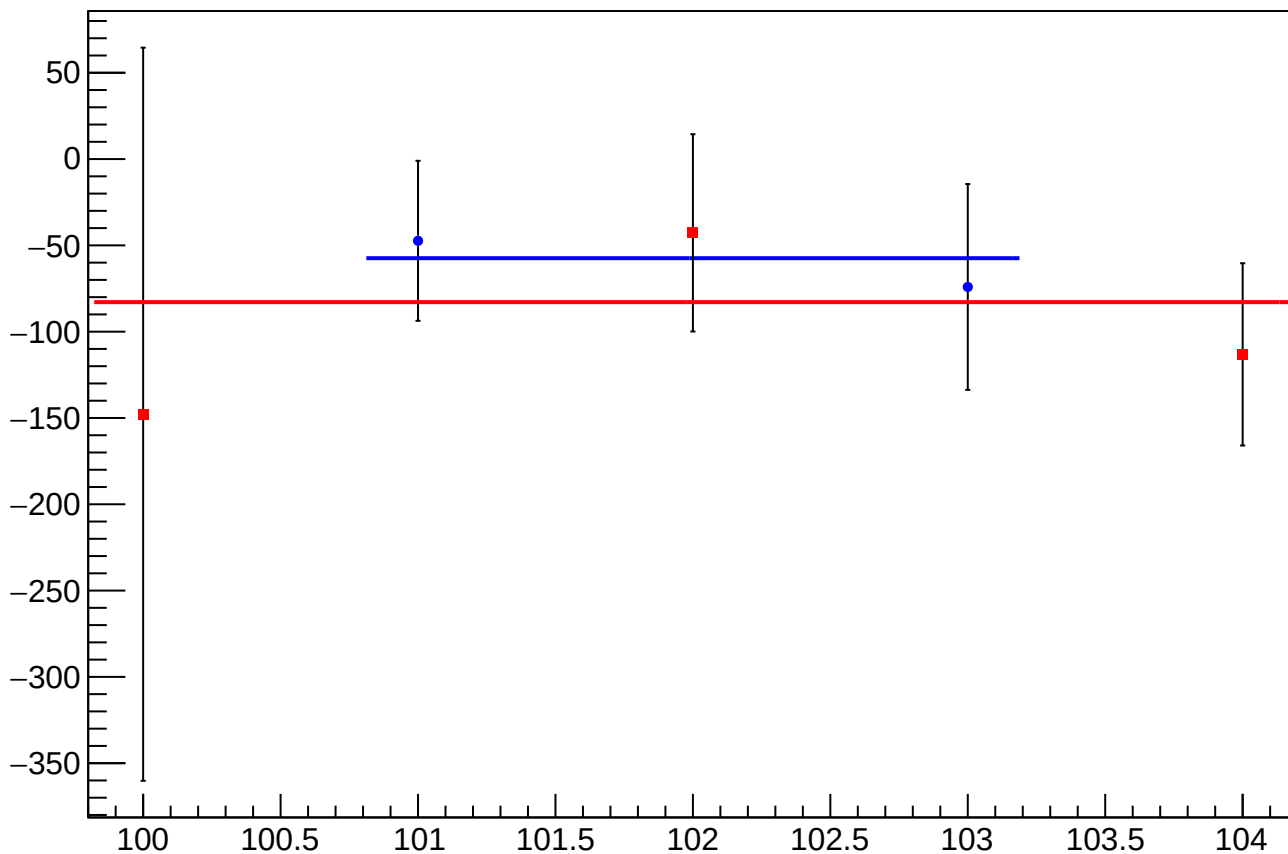
Right: 0.000+/-0.000 χ^2/NDF : 433040.5/4

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 : 433040.5/4

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: -82.898 $\pm$ 38.155 χ^2 /NDF: 0.9/2

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

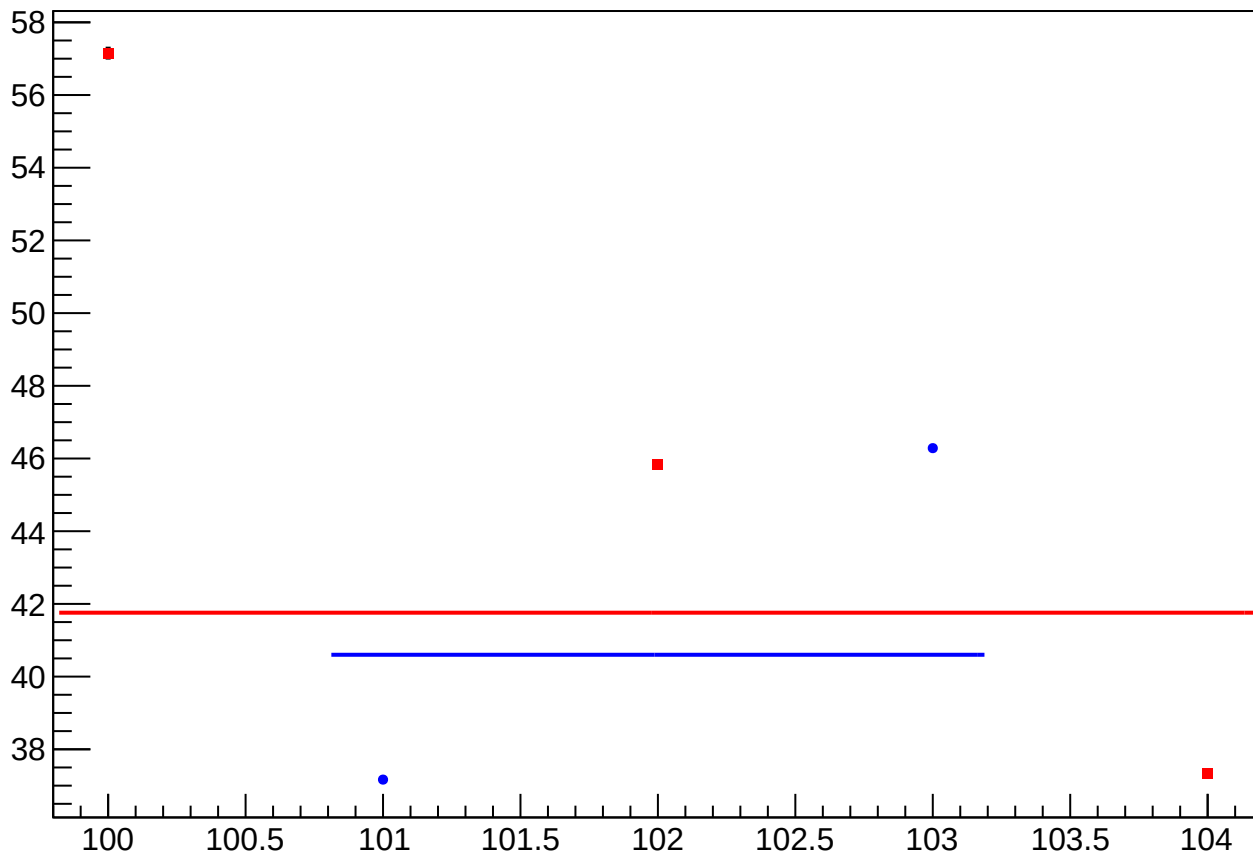
Right: -69.631 $\pm$ 26.411 χ^2 /NDF: 1.3/4

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: -69.631 $\pm$ 26.411 χ^2 /NDF: 1.3/4

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: 41.758+/-0.027 χ^2/NDF : 34766.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

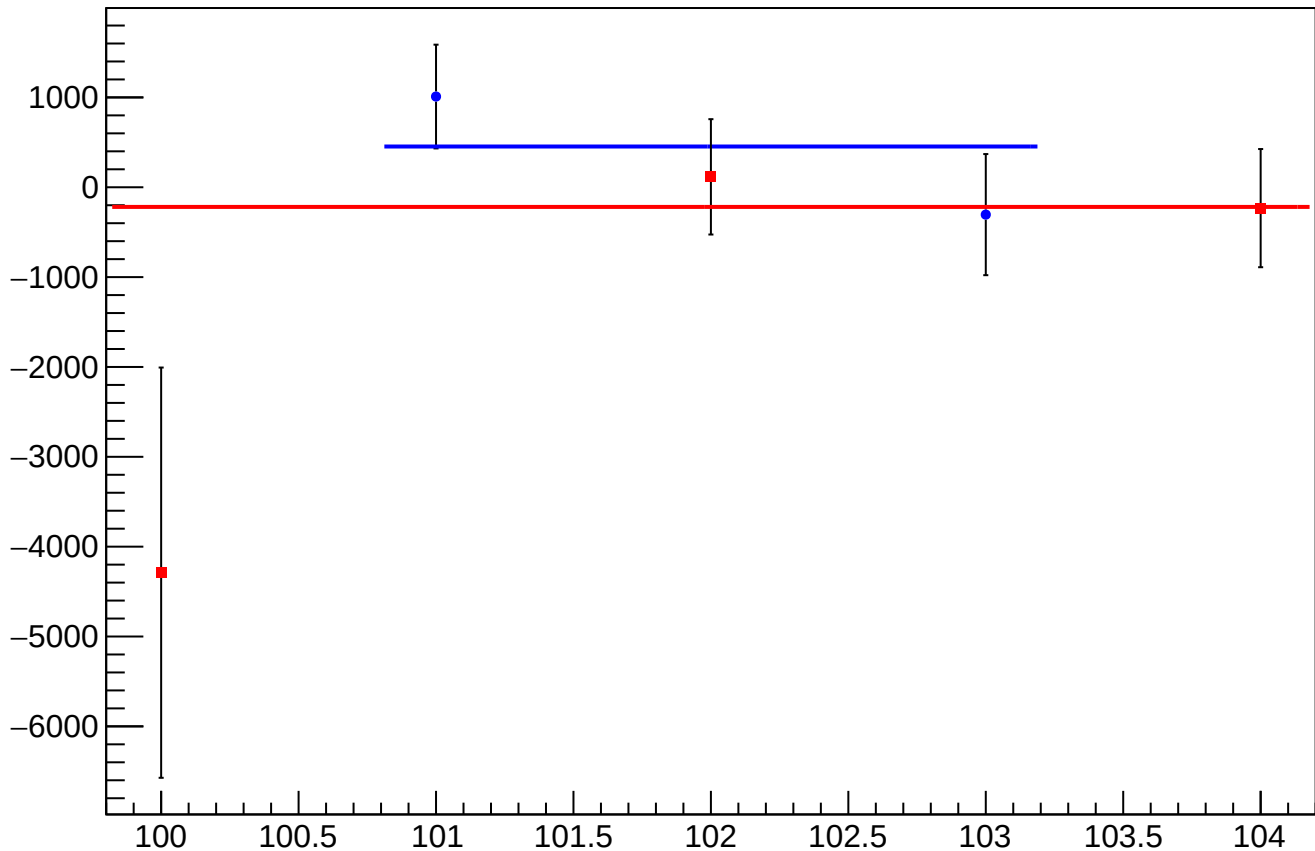
Right: 41.155+/-0.019 χ^2/NDF : 64880.9/4

In: 40.601+/-0.026 χ^2/NDF : 29156.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.155+/-0.019 χ^2/NDF : 64880.9/4

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 453.557 $\pm$ 438.457 χ^2 /NDF: 2.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -218.738 $\pm$ 450.349 χ^2 /NDF: 3.5/2

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

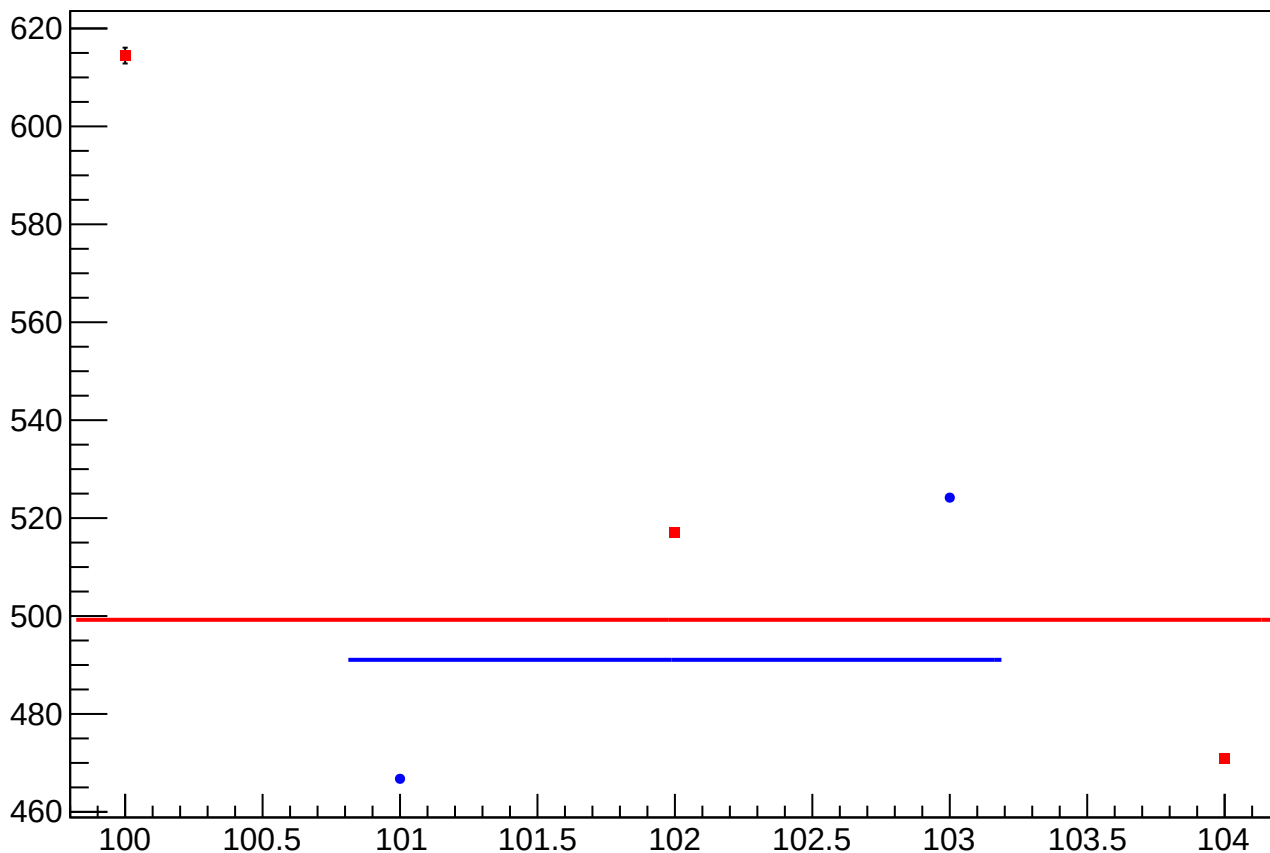
Right: 126.403 $\pm$ 314.156 χ^2 /NDF: 6.8/4

In: 453.557 $\pm$ 438.457 χ^2 /NDF:2.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.403 $\pm$ 314.156 χ^2 /NDF: 6.8/4

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: 499.230+/-0.318 χ^2/NDF : 10339.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

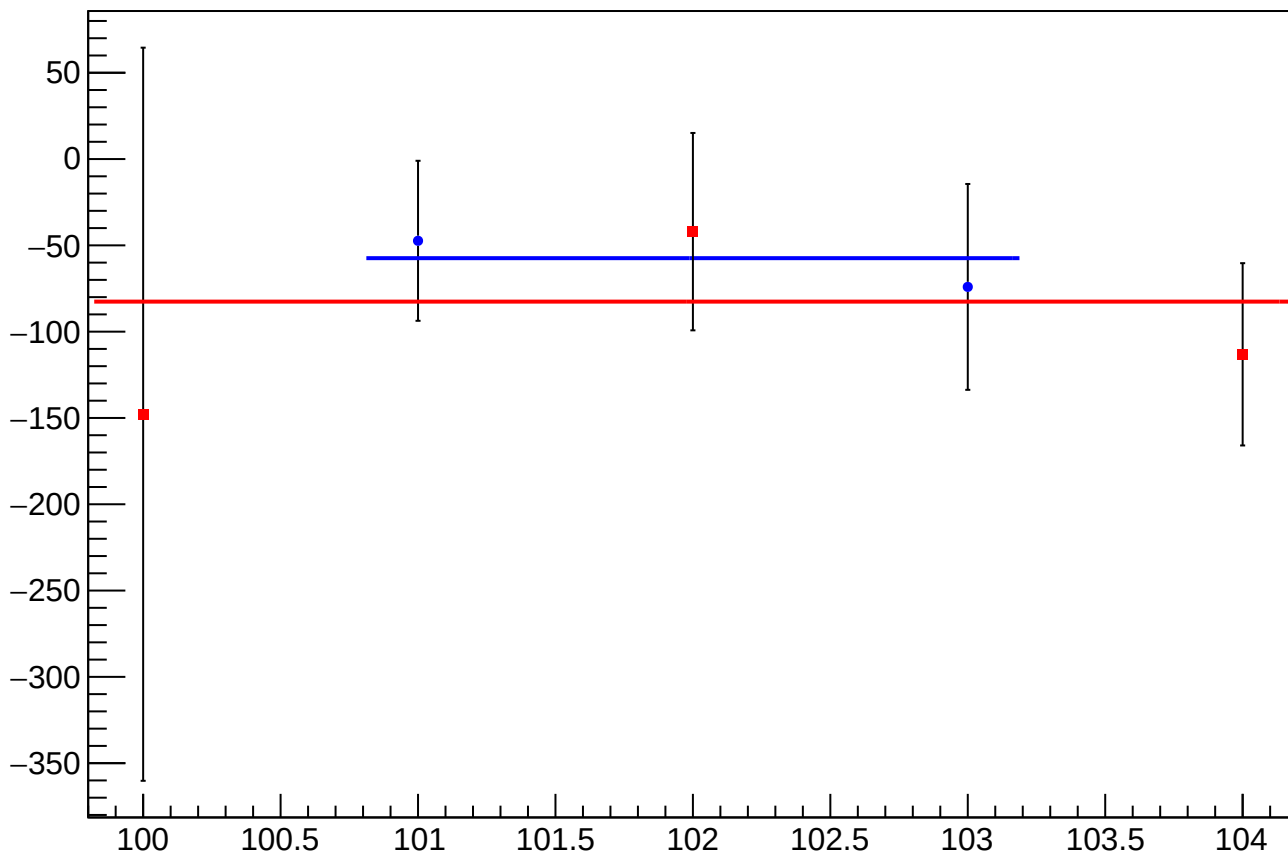
Right: 495.034+/-0.222 χ^2/NDF : 19051.6/4

In: 491.057+/-0.310 χ^2/NDF : 8373.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.034+/-0.222 χ^2/NDF : 19051.6/4

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: -82.593 $\pm$ 38.162 χ^2 /NDF: 0.9/2

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

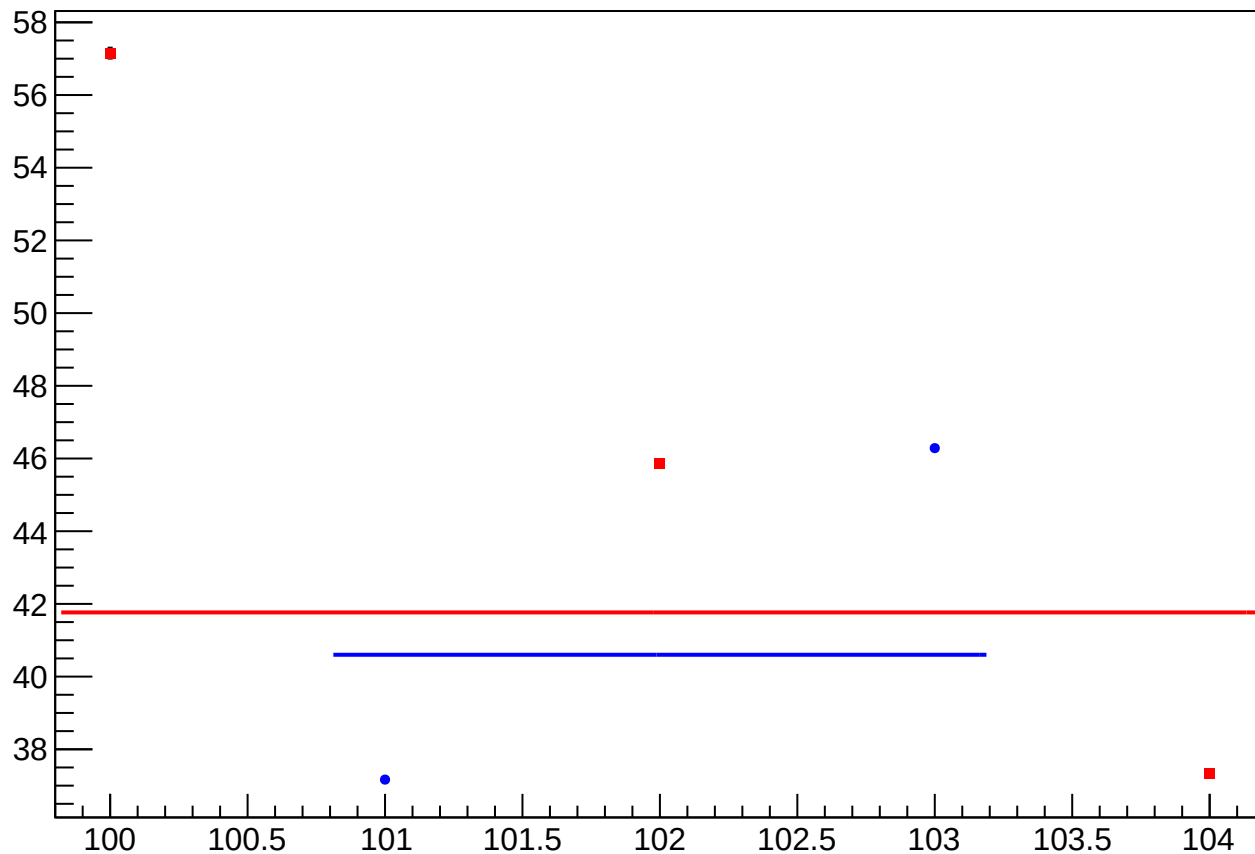
Right: -69.479 $\pm$ 26.414 χ^2 /NDF: 1.3/4

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: -69.479 $\pm$ 26.414 χ^2 /NDF: 1.3/4

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: 41.765+/-0.027 χ^2/NDF : 34849.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

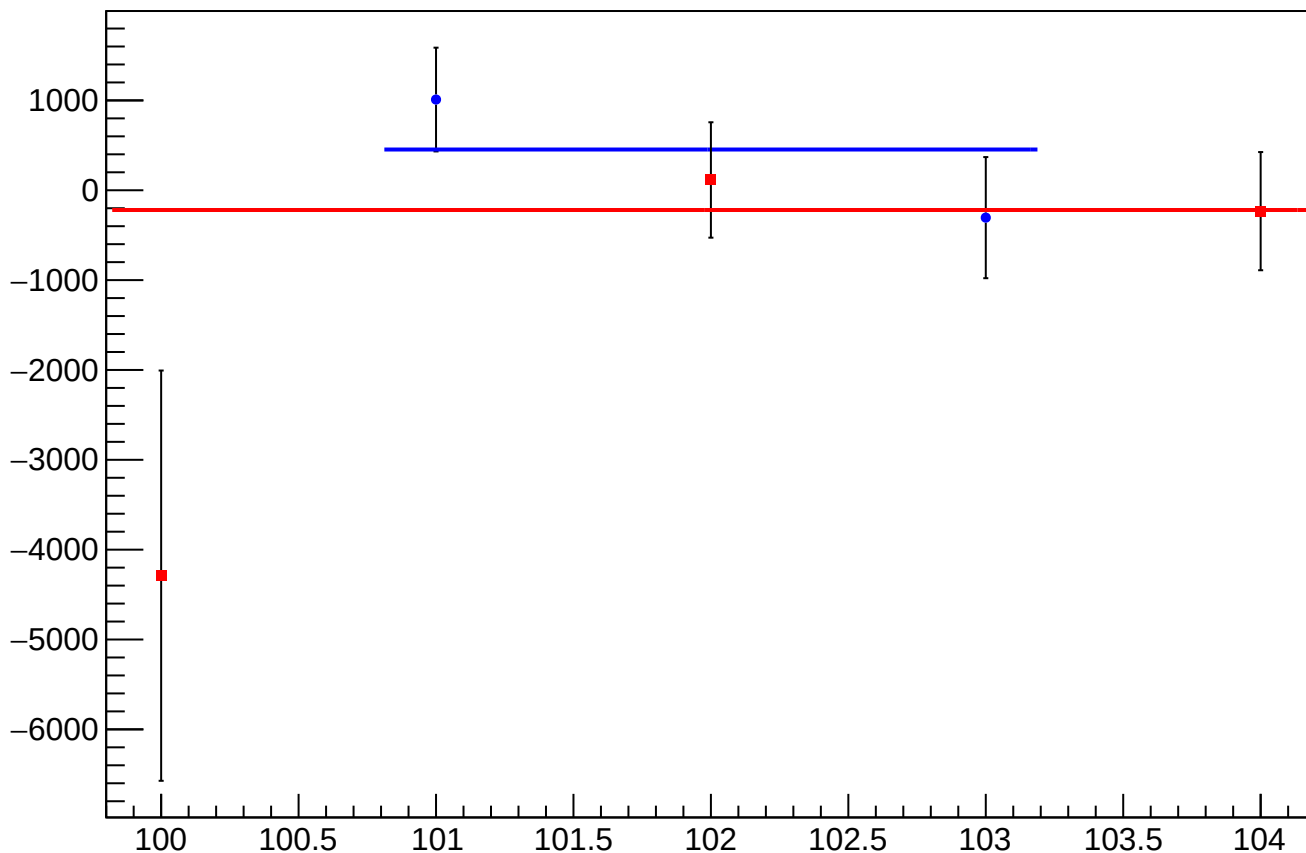
Right: 41.159+/-0.019 χ^2/NDF : 64977.0/4

In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.159+/-0.019 χ^2/NDF : 64977.0/4

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: -219.688 $\pm$ 450.448 χ^2 /NDF: 3.4/2

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

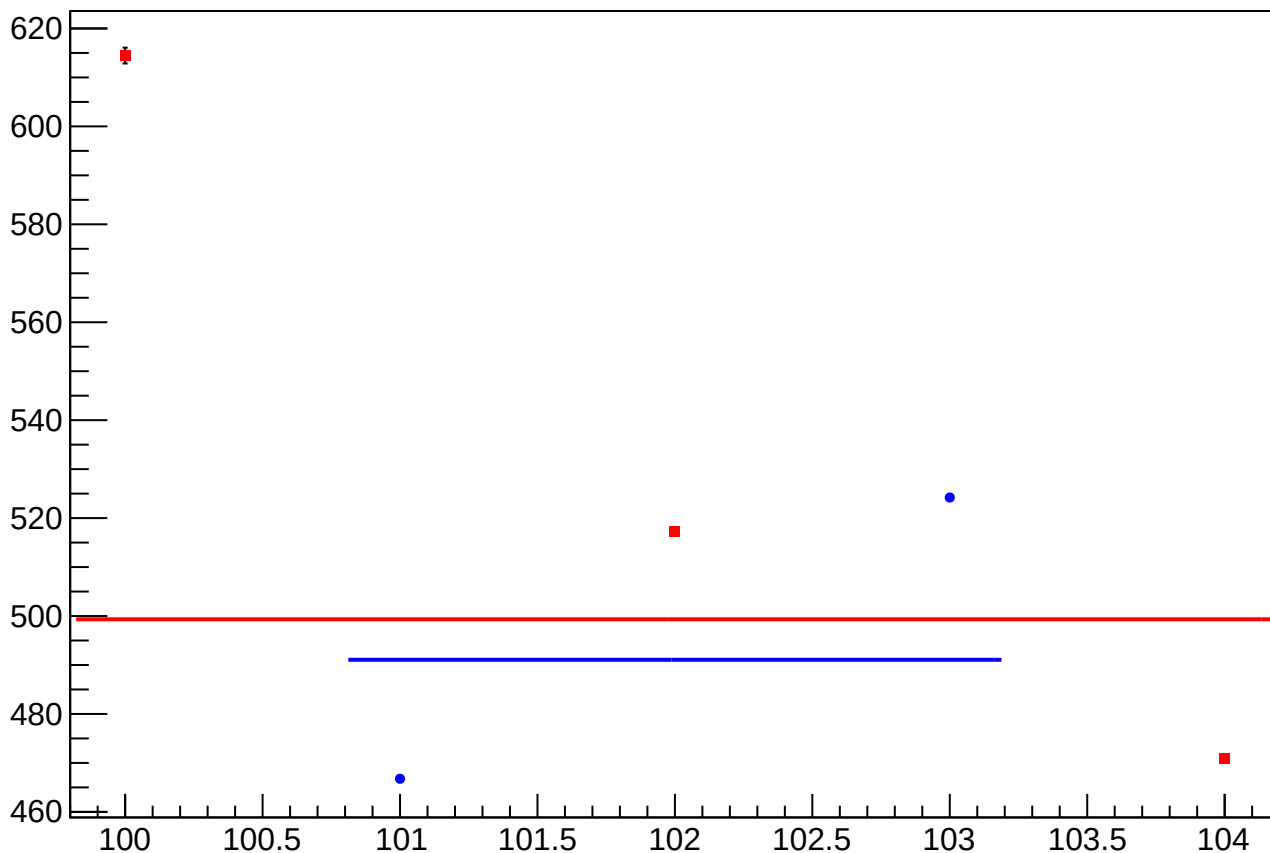
Right: 125.980 $\pm$ 314.193 χ^2 /NDF: 6.8/4

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: 125.980 $\pm$ 314.193 χ^2 /NDF: 6.8/4

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: 499.336+/-0.319 χ^2/NDF : 10370.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

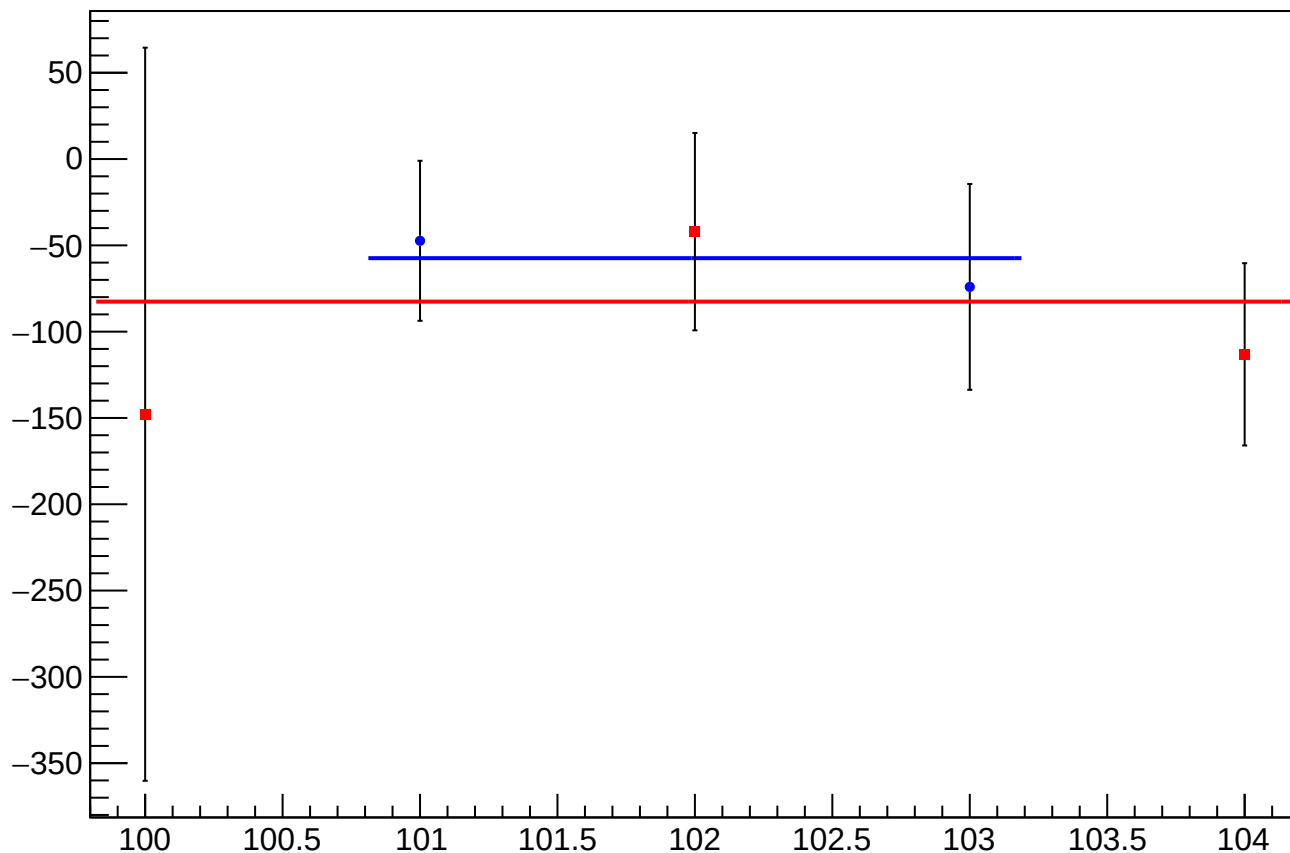
Right: 495.089+/-0.222 χ^2/NDF : 19096.8/4

In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.089+/-0.222 χ^2/NDF : 19096.8/4

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: -82.593 $\pm$ 38.162 χ^2 /NDF: 0.9/2

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

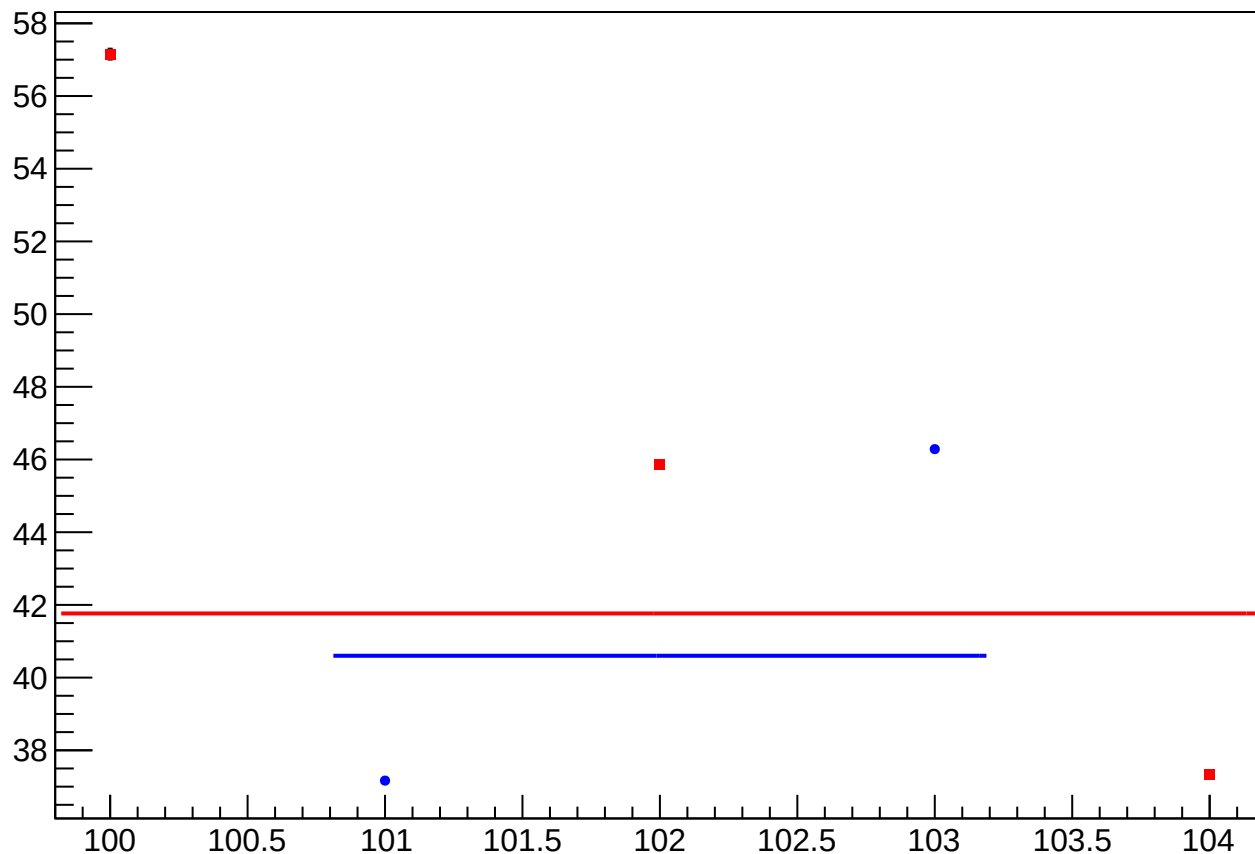
Right: -69.479 $\pm$ 26.414 χ^2 /NDF: 1.3/4

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: -69.479 $\pm$ 26.414 χ^2 /NDF: 1.3/4

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.765+/-0.027 χ^2/NDF : 34849.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

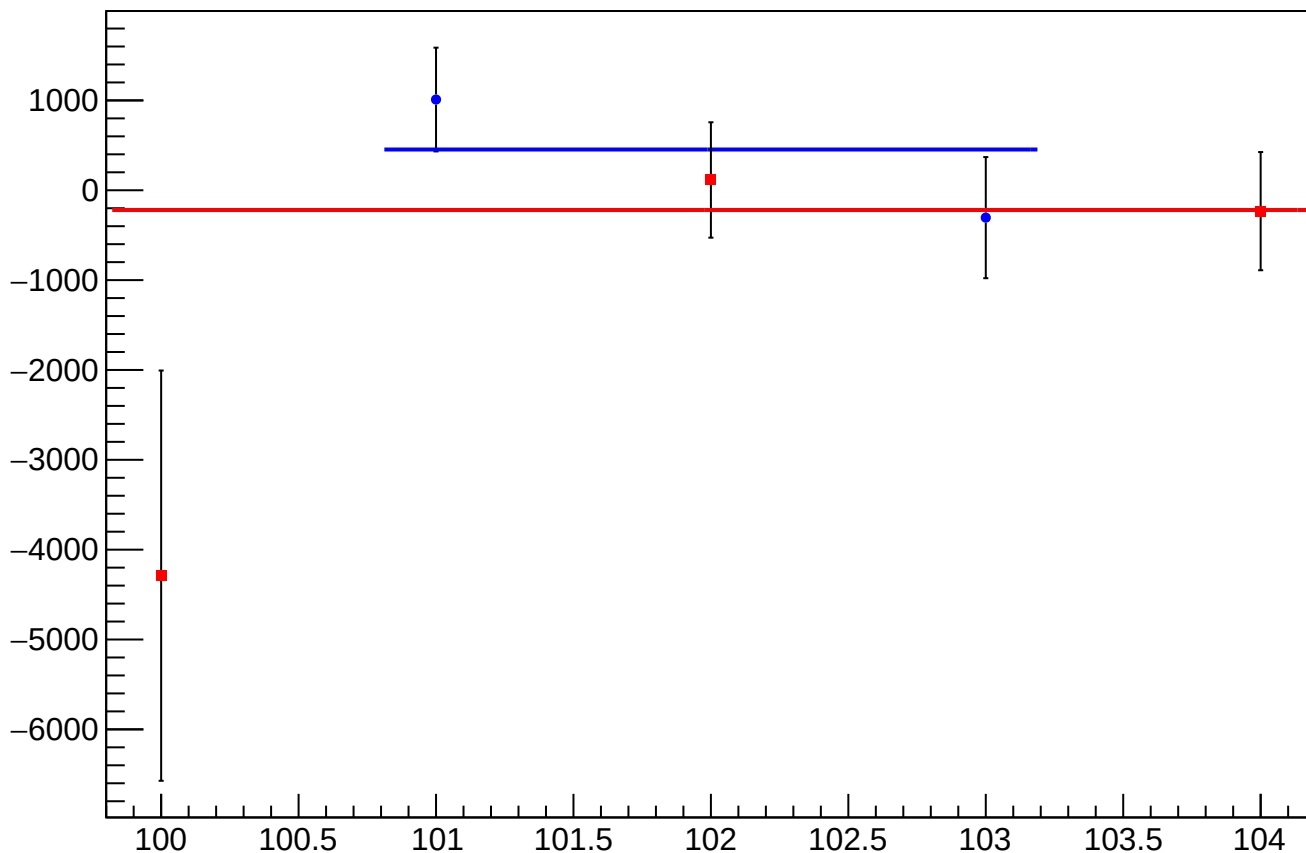
Right: 41.159+/-0.019 χ^2/NDF : 64977.0/4

In: 40.601+/-0.026 χ^2/NDF : 29157.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.159+/-0.019 χ^2/NDF : 64977.0/4

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: -219.688 $\pm$ 450.448 χ^2 /NDF: 3.4/2

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

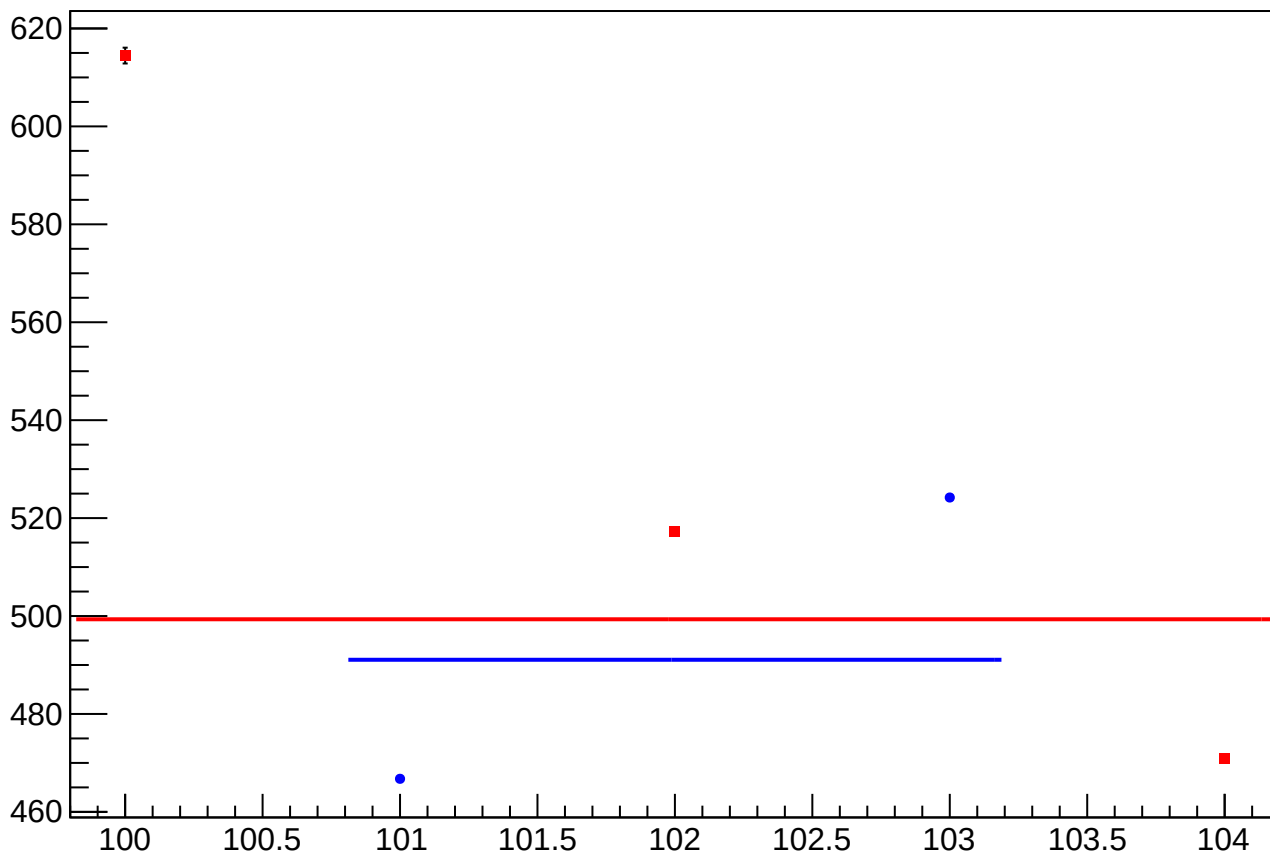
Right: 125.980 $\pm$ 314.193 χ^2 /NDF: 6.8/4

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: 125.980 $\pm$ 314.193 χ^2 /NDF: 6.8/4

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: 499.336+/-0.319 χ^2/NDF : 10370.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

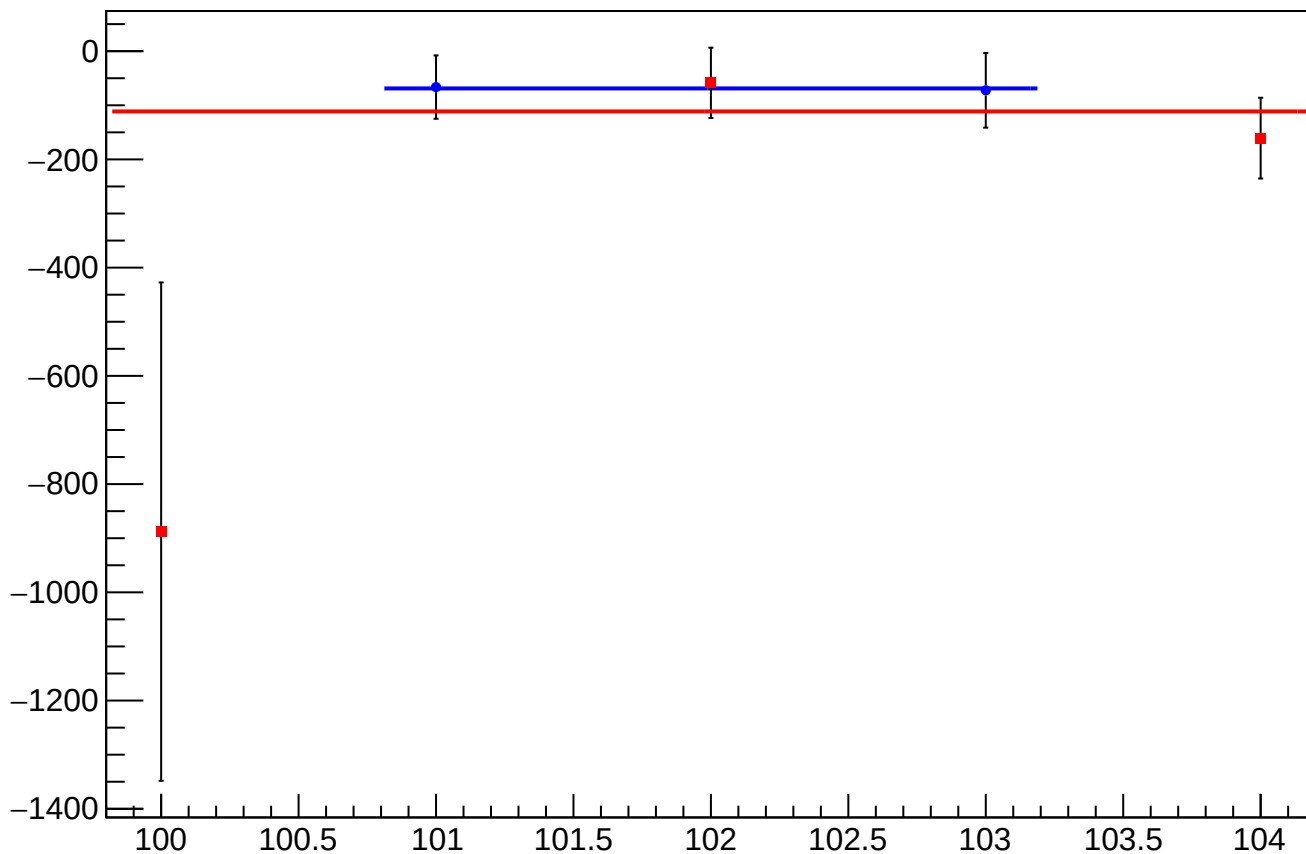
Right: 495.089+/-0.222 χ^2/NDF : 19096.8/4

In: 491.066+/-0.310 χ^2/NDF : 8380.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.089+/-0.222 χ^2/NDF : 19096.8/4

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: -111.365 $\pm$ 48.727 χ^2 /NDF: 3.9/2

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

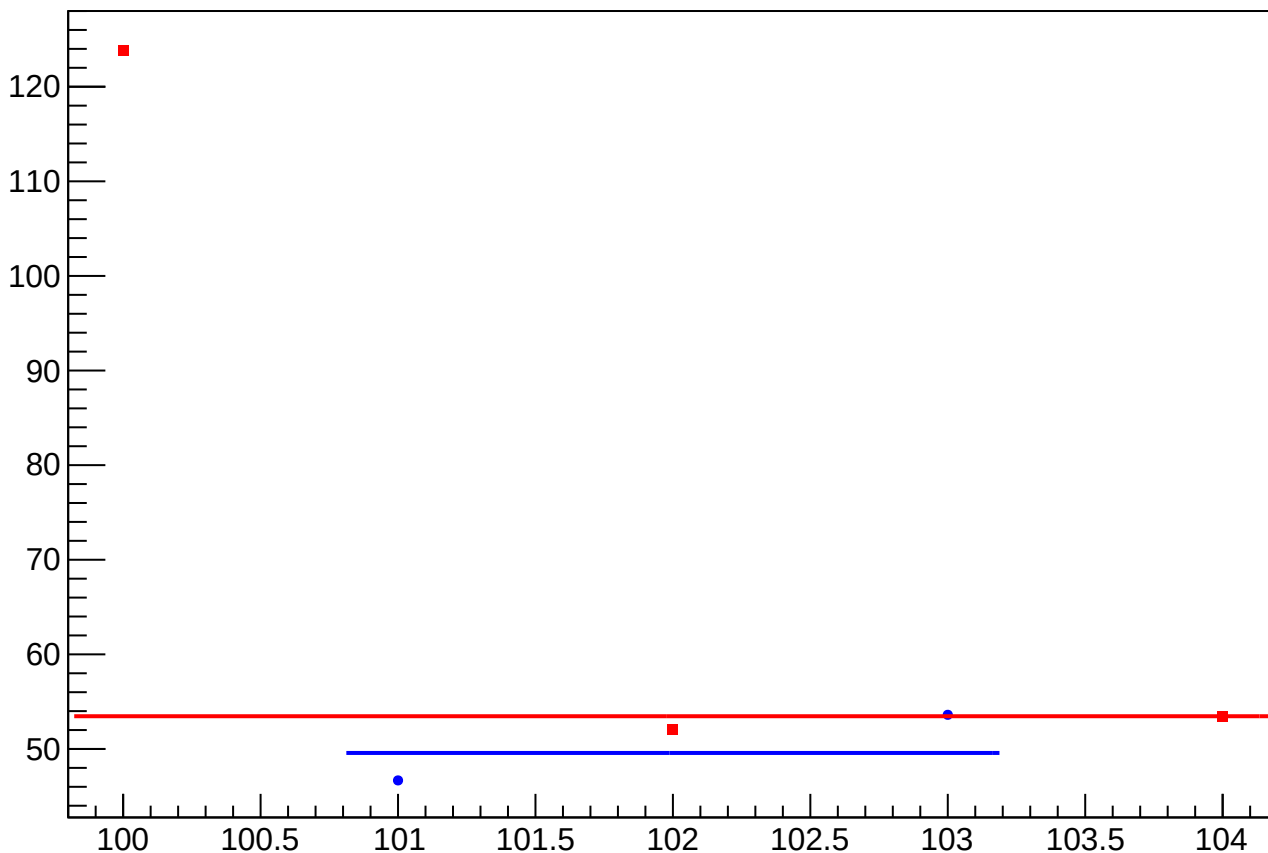
Right: -88.250 $\pm$ 32.916 χ^2 /NDF: 4.4/4

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: -88.250 $\pm$ 32.916 χ^2 /NDF: 4.4/4

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579 $\pm$ 0.032 χ^2 /NDF: 11743.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.460 $\pm$ 0.034 χ^2 /NDF: 47599.8/2

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

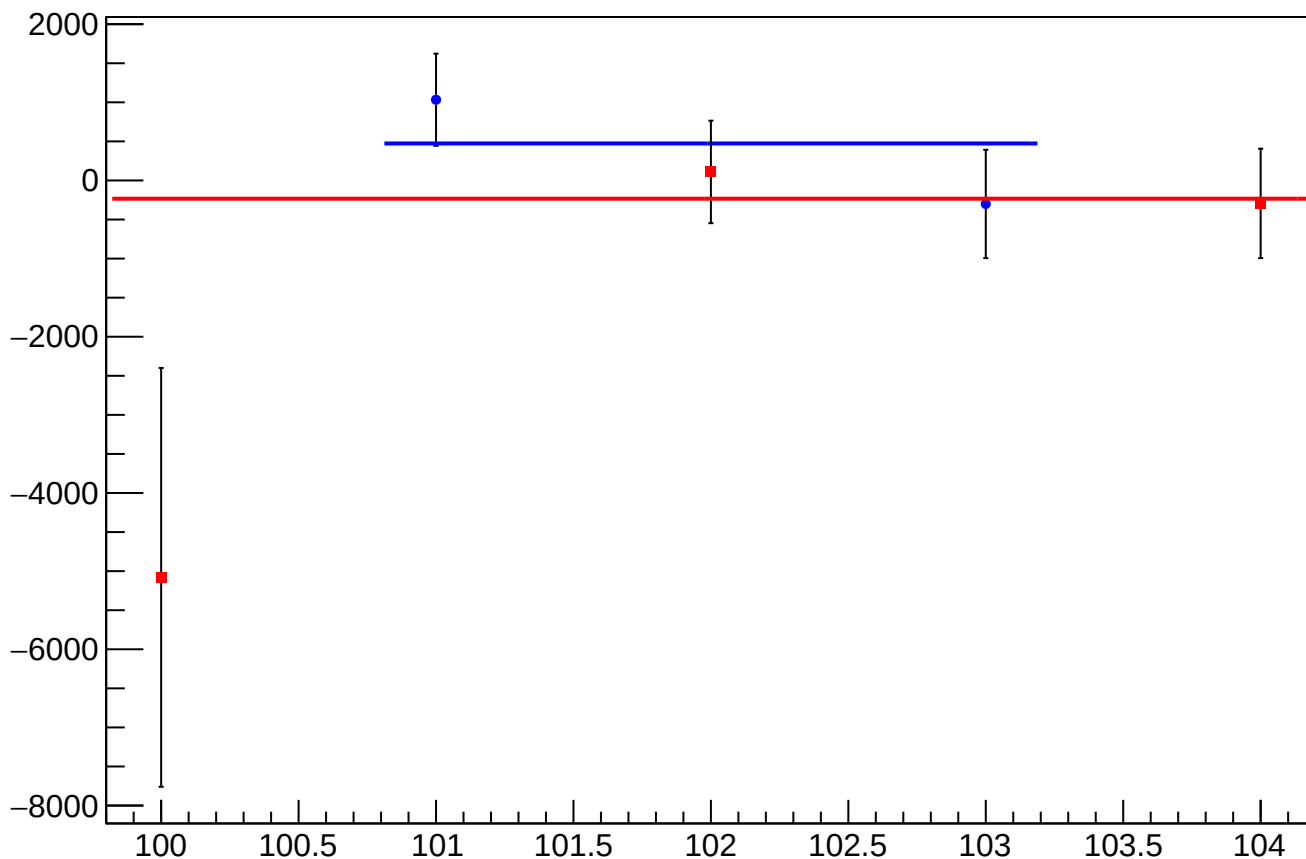
Right: 51.350 $\pm$ 0.023 χ^2 /NDF: 66241.7/4

In: 49.579 $\pm$ 0.032 χ^2 /NDF: 11743.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.350 $\pm$ 0.023 χ^2 /NDF: 66241.7/4

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: -233.542+/-471.057 χ^2/NDF : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

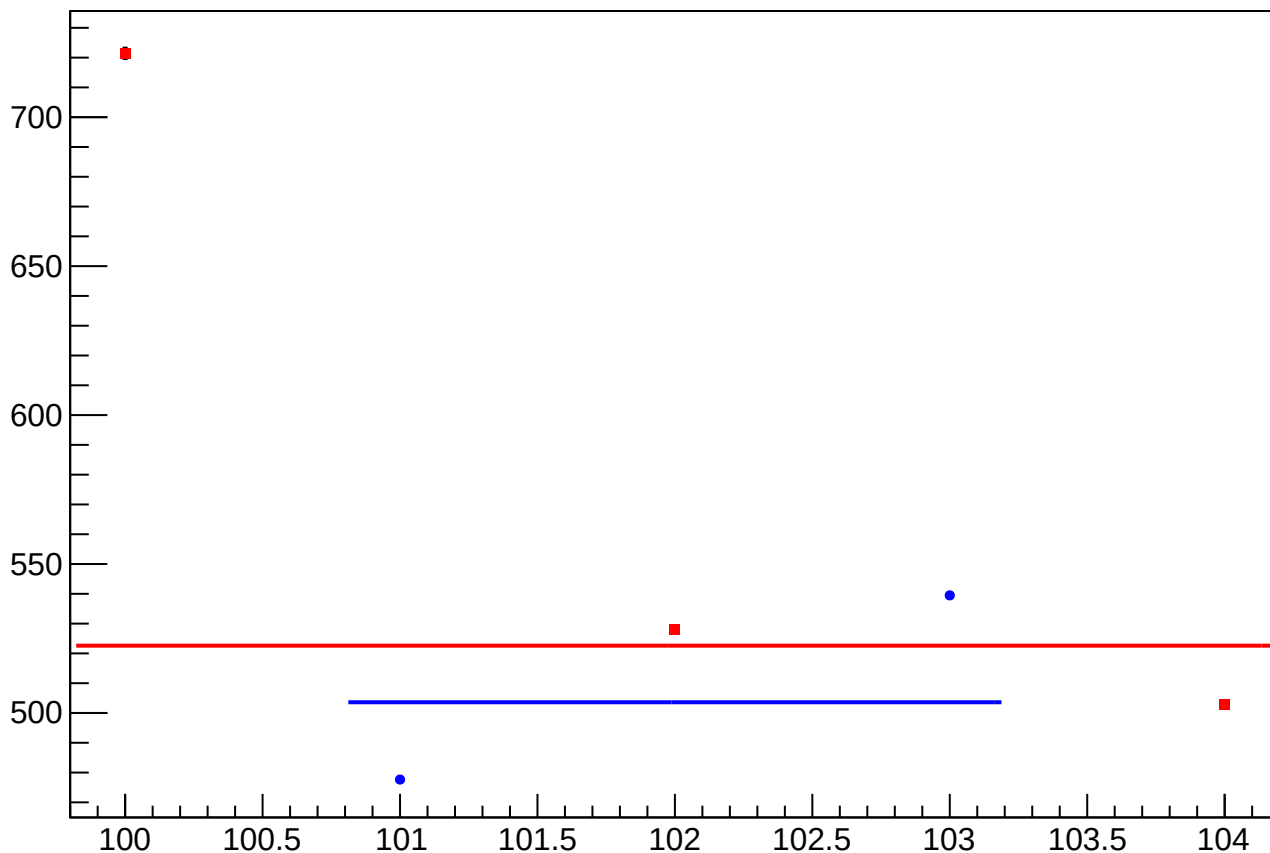
Right: 136.470+/-325.118 χ^2/NDF : 6.9/4

In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.470+/-325.118 χ^2/NDF : 6.9/4

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: 522.597+/-0.333 χ^2/NDF : 12754.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

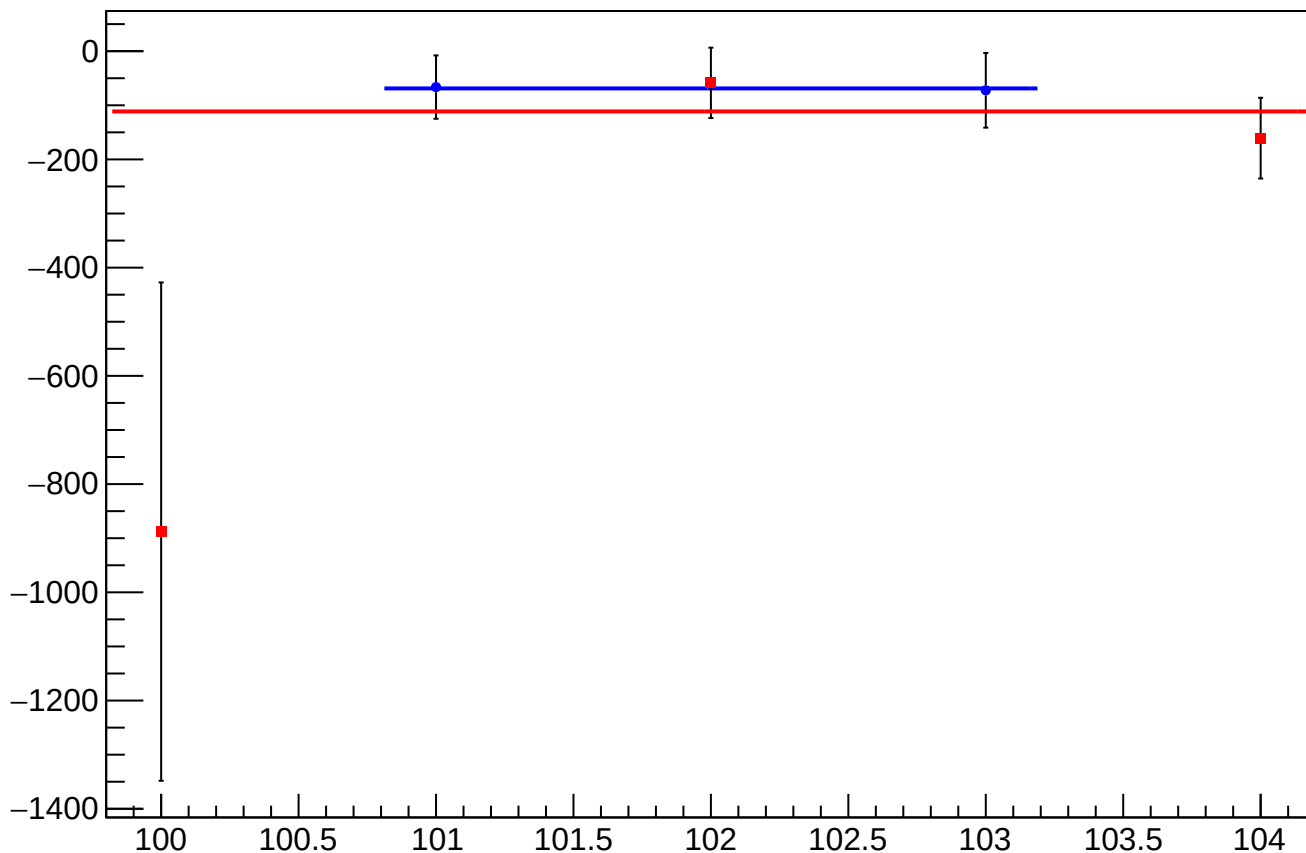
Right: 512.651+/-0.230 χ^2/NDF : 23681.5/4

In: 503.603+/-0.318 χ^2/NDF : 9224.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.651+/-0.230 χ^2/NDF : 23681.5/4

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: -111.364 $\pm$ 48.727 χ^2 /NDF: 3.9/2

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

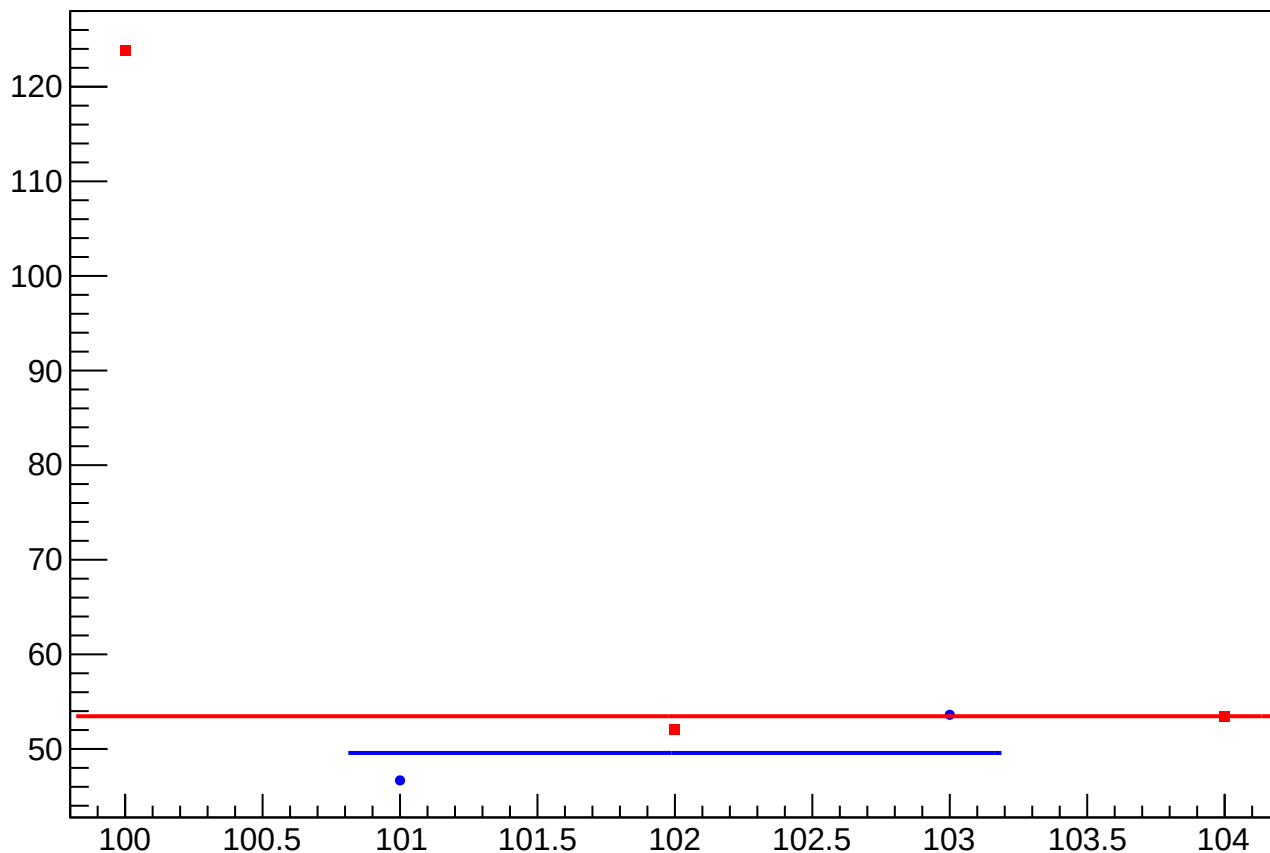
Right: -88.249 $\pm$ 32.916 χ^2 /NDF: 4.4/4

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: -88.249 $\pm$ 32.916 χ^2 /NDF: 4.4/4

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 49.579+/-0.032 χ^2/NDF : 11741.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.459+/-0.034 χ^2/NDF : 47600.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

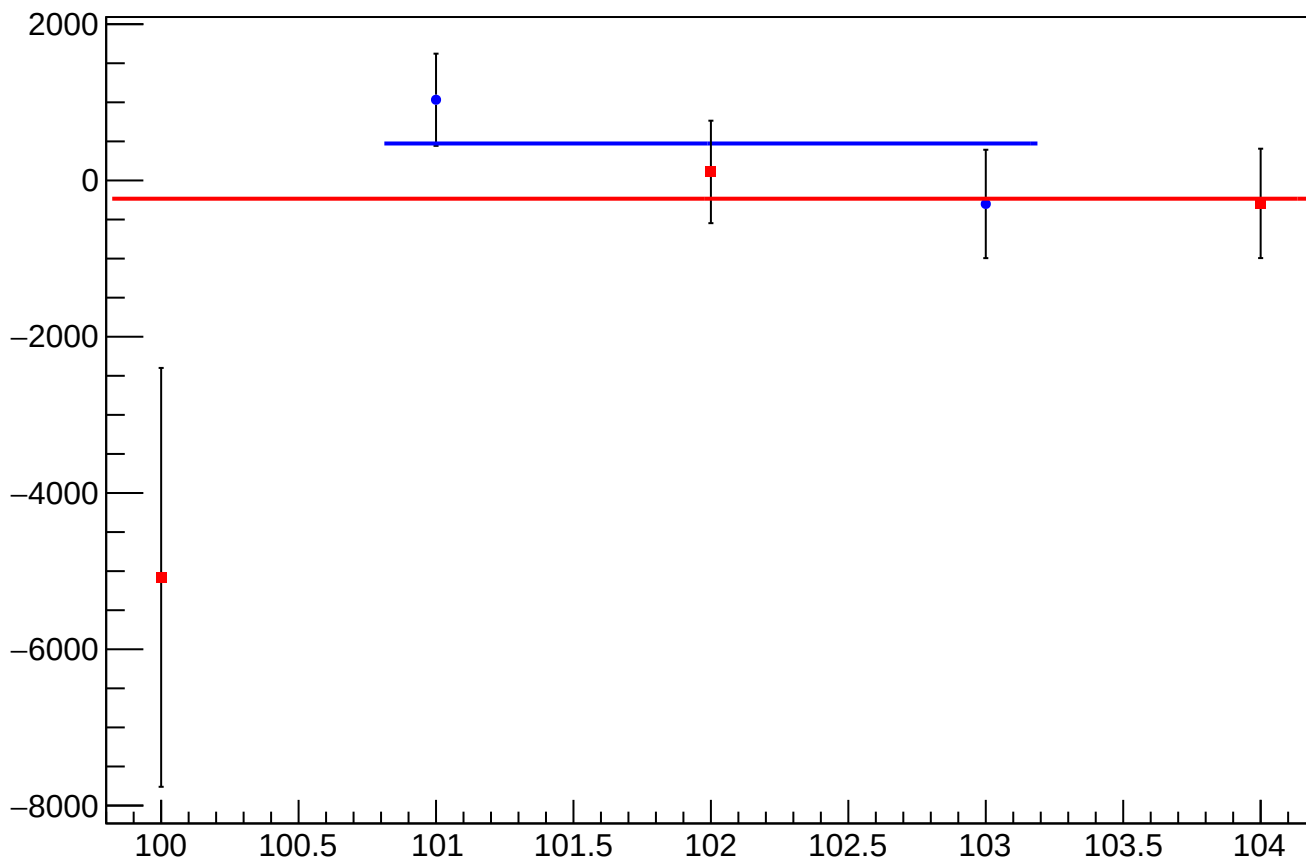
Right: 51.350+/-0.023 χ^2/NDF : 66239.1/4

In: 49.579+/-0.032 χ^2/NDF : 11741.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.350+/-0.023 χ^2/NDF : 66239.1/4

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: -233.542+/-471.056 χ^2/NDF : 3.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

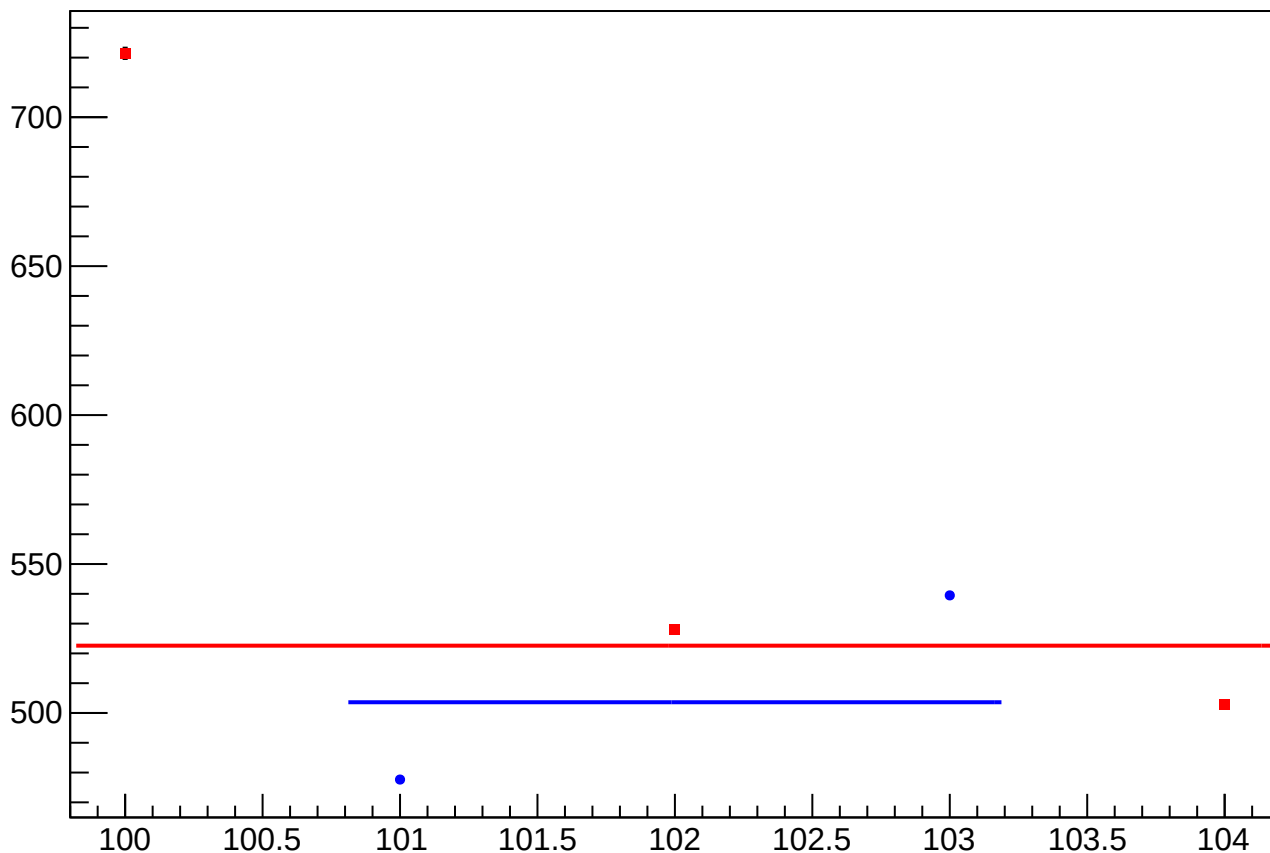
Right: 136.470+/-325.117 χ^2/NDF : 6.9/4

In: 473.073+/-449.287 χ^2/NDF : 2.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.470+/-325.117 χ^2/NDF : 6.9/4

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: 522.596 $\pm$ 0.333 χ^2 /NDF: 12754.1/2

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

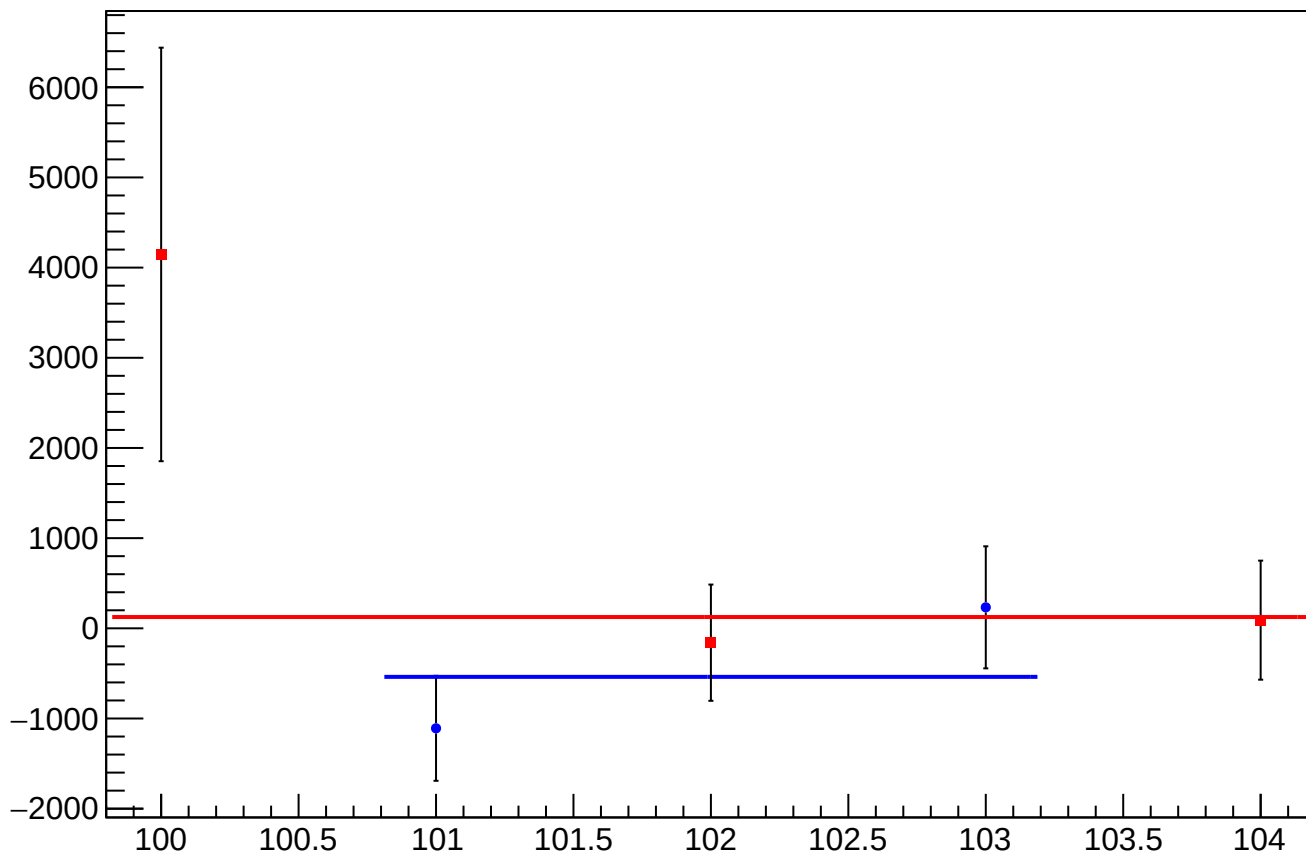
Right: 512.650 $\pm$ 0.230 χ^2 /NDF: 23681.2/4

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: 512.650 $\pm$ 0.230 χ^2 /NDF: 23681.2/4

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: 125.229+/-452.049 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

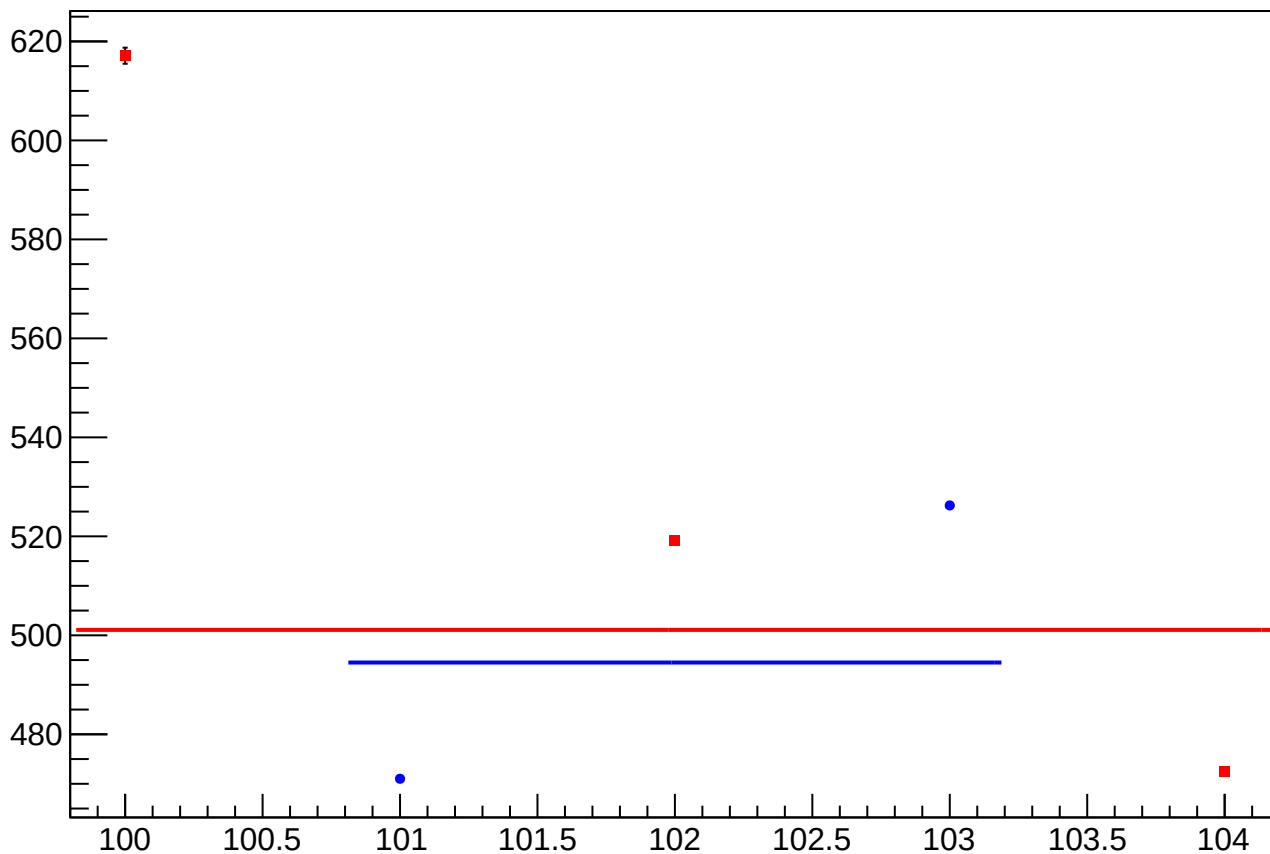
Right: -214.525+/-315.771 χ^2/NDF : 6.6/4

In: -538.285+/-441.281 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.525+/-315.771 χ^2/NDF : 6.6/4

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 494.505+/-0.312 χ^2/NDF : 7656.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.096+/-0.320 χ^2/NDF : 10439.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

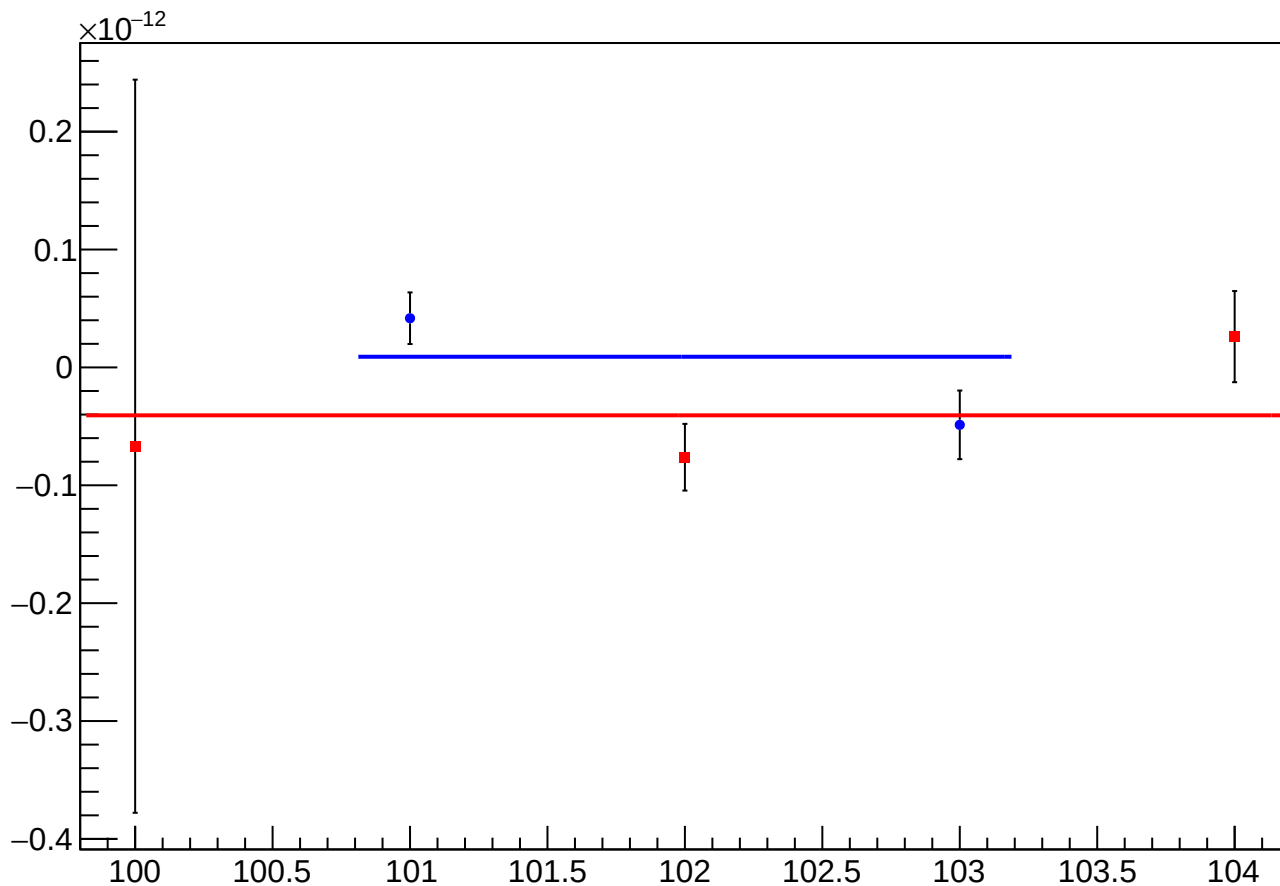
Right: 497.721+/-0.223 χ^2/NDF : 18313.6/4

In: 494.505+/-0.312 χ^2/NDF : 7656.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.721+/-0.223 χ^2/NDF : 18313.6/4

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 : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

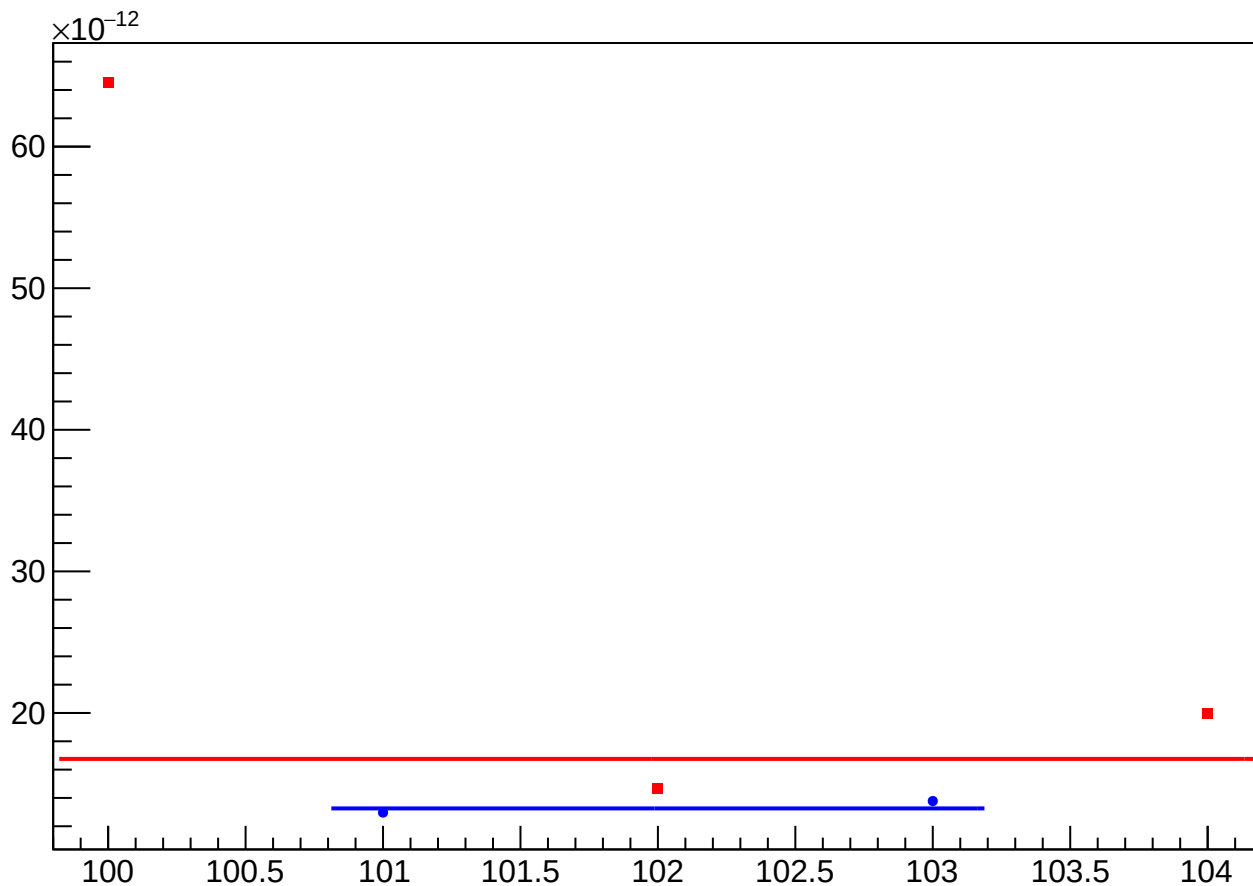
Right: -0.000+/-0.000 χ^2/NDF : 13.7/4

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 : 13.7/4

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 : 71886.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

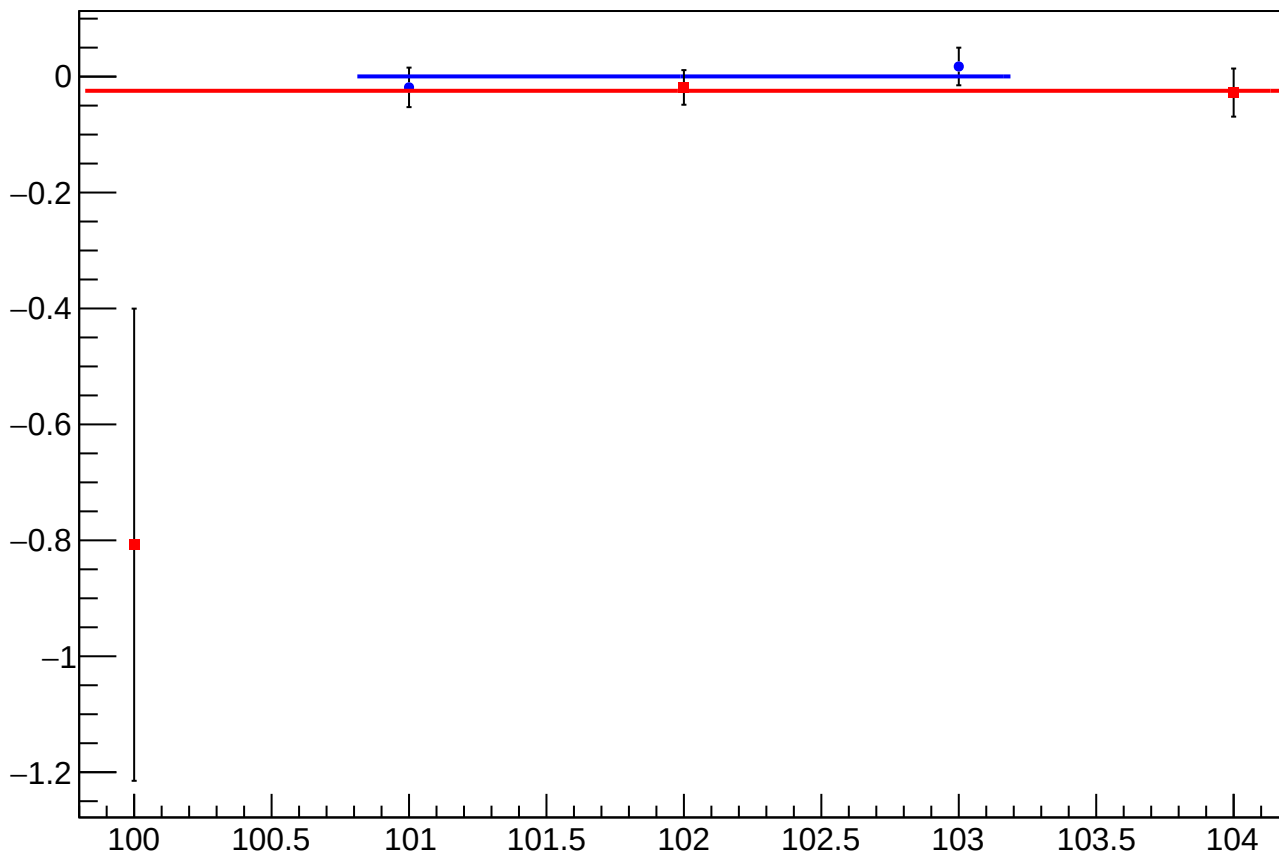
Right: 0.000+/-0.000 χ^2/NDF : 102533.2/4

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 : 102533.2/4

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: -0.024 $\pm$ 0.024 χ^2 /NDF: 3.7/2

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

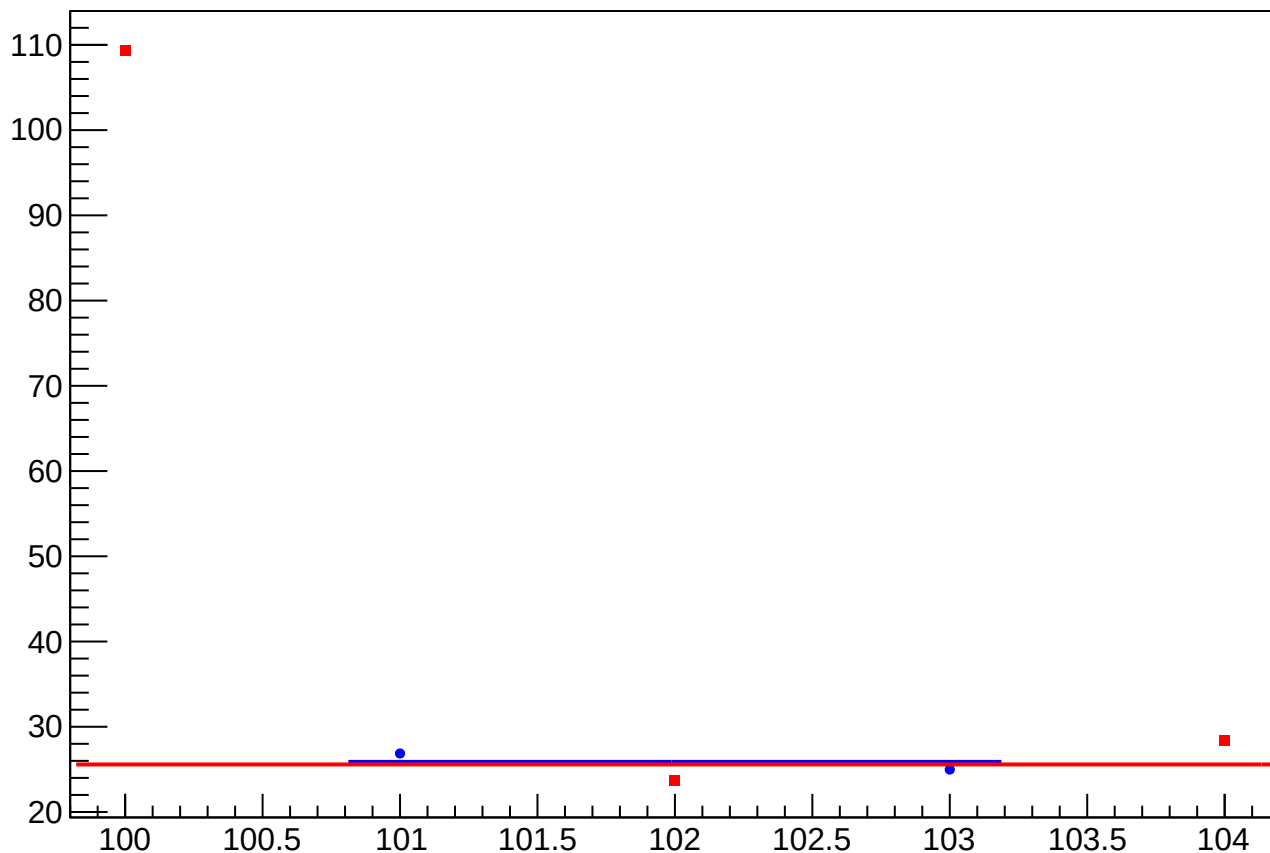
Right: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 $\pm$ 0.017 χ^2 /NDF: 3202.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.578 $\pm$ 0.017 χ^2 /NDF: 101788.9/2

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

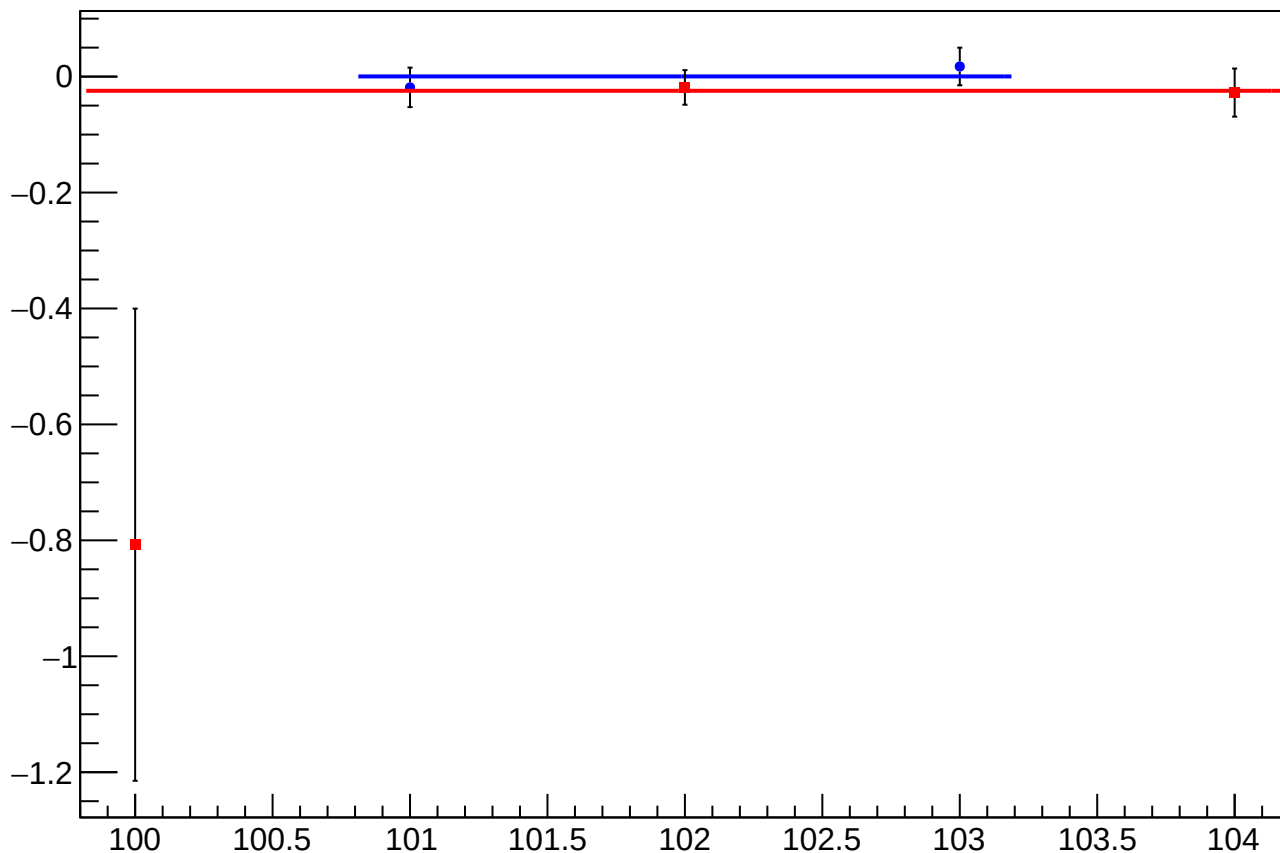
Right: 25.732 $\pm$ 0.012 χ^2 /NDF: 105150.0/4

In: 25.878 $\pm$ 0.017 χ^2 /NDF:3202.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.732 $\pm$ 0.012 χ^2 /NDF: 105150.0/4

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: -0.024 $\pm$ 0.024 χ^2 /NDF: 3.7/2

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

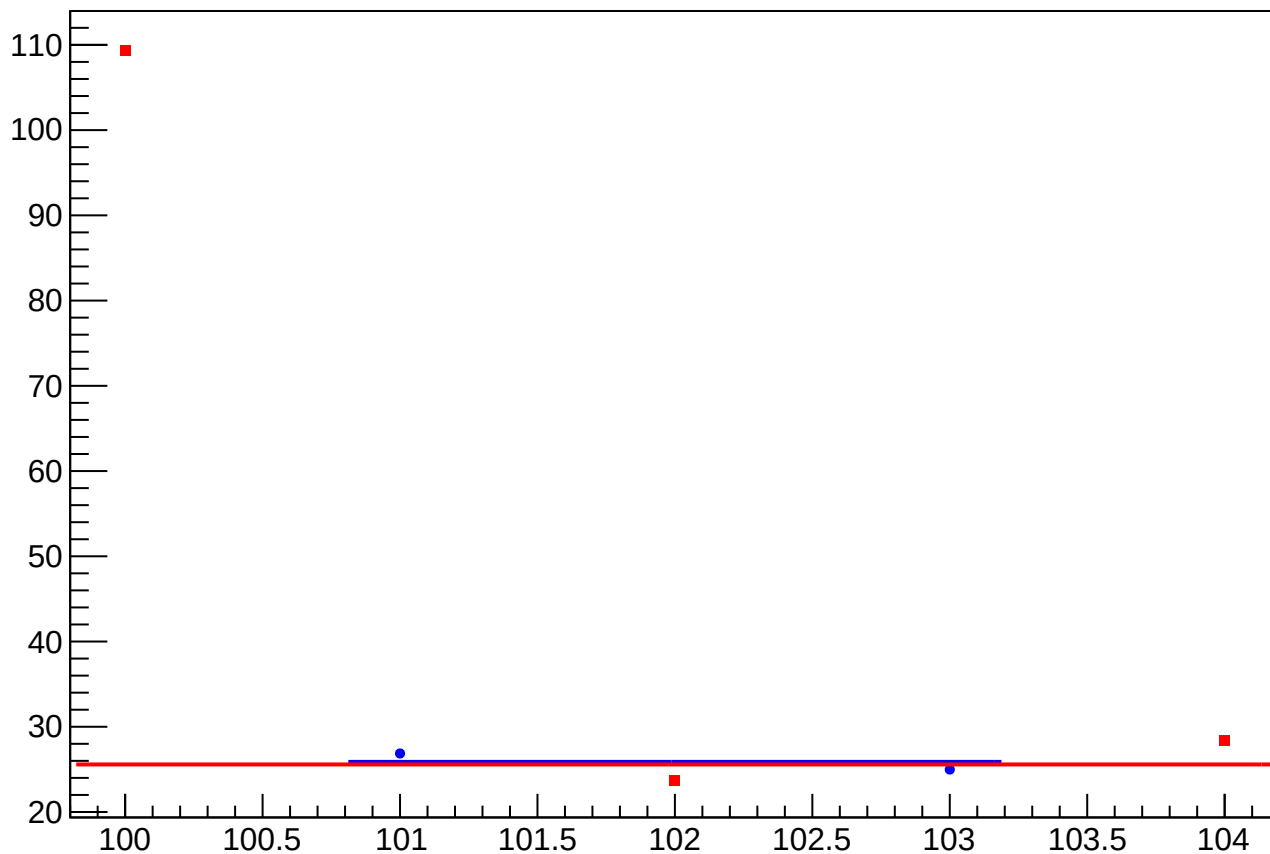
Right: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.878 $\pm$ 0.017 χ^2 /NDF: 3202.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.578 $\pm$ 0.017 χ^2 /NDF: 101788.9/2

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

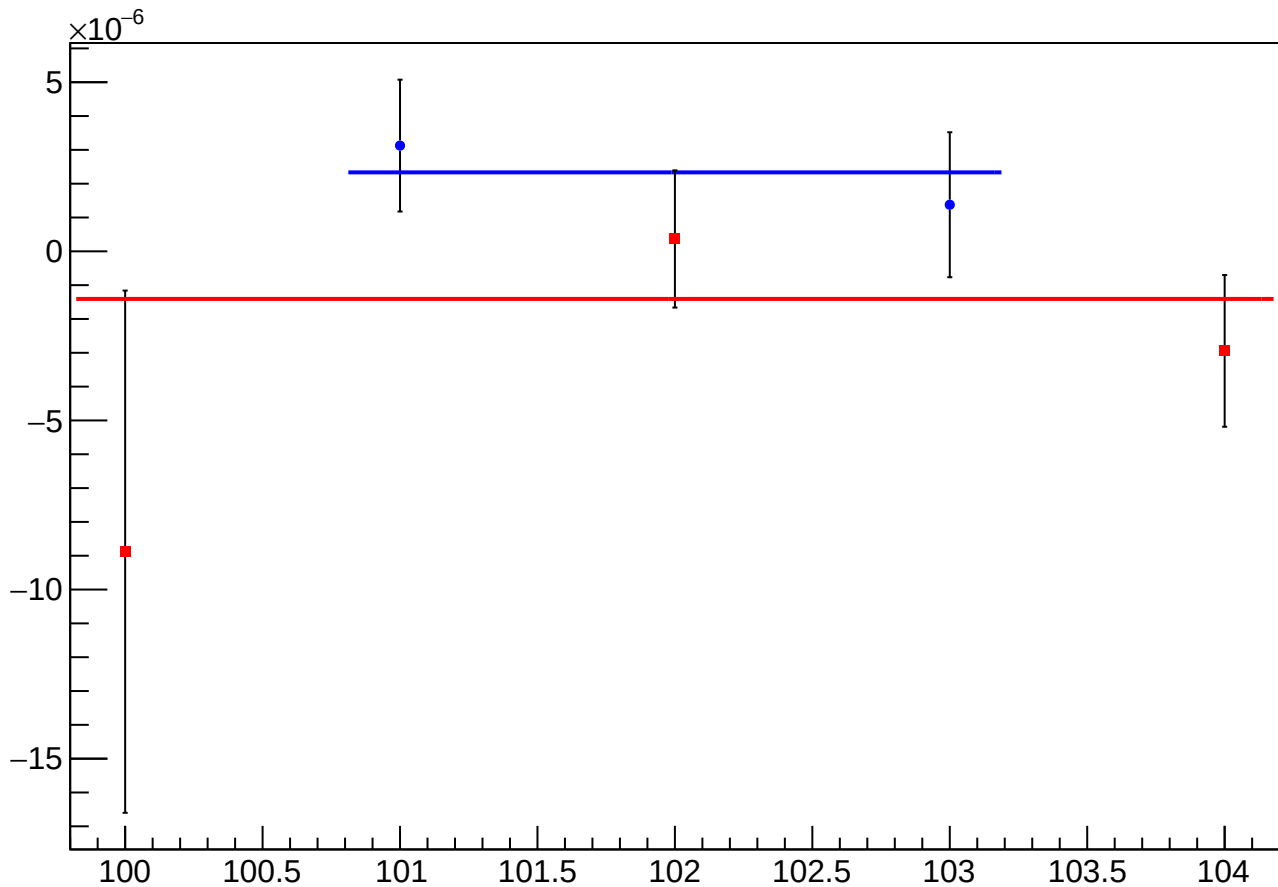
Right: 25.732 $\pm$ 0.012 χ^2 /NDF: 105150.0/4

In: 25.878 $\pm$ 0.017 χ^2 /NDF:3202.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.732 $\pm$ 0.012 χ^2 /NDF: 105150.0/4

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/2

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

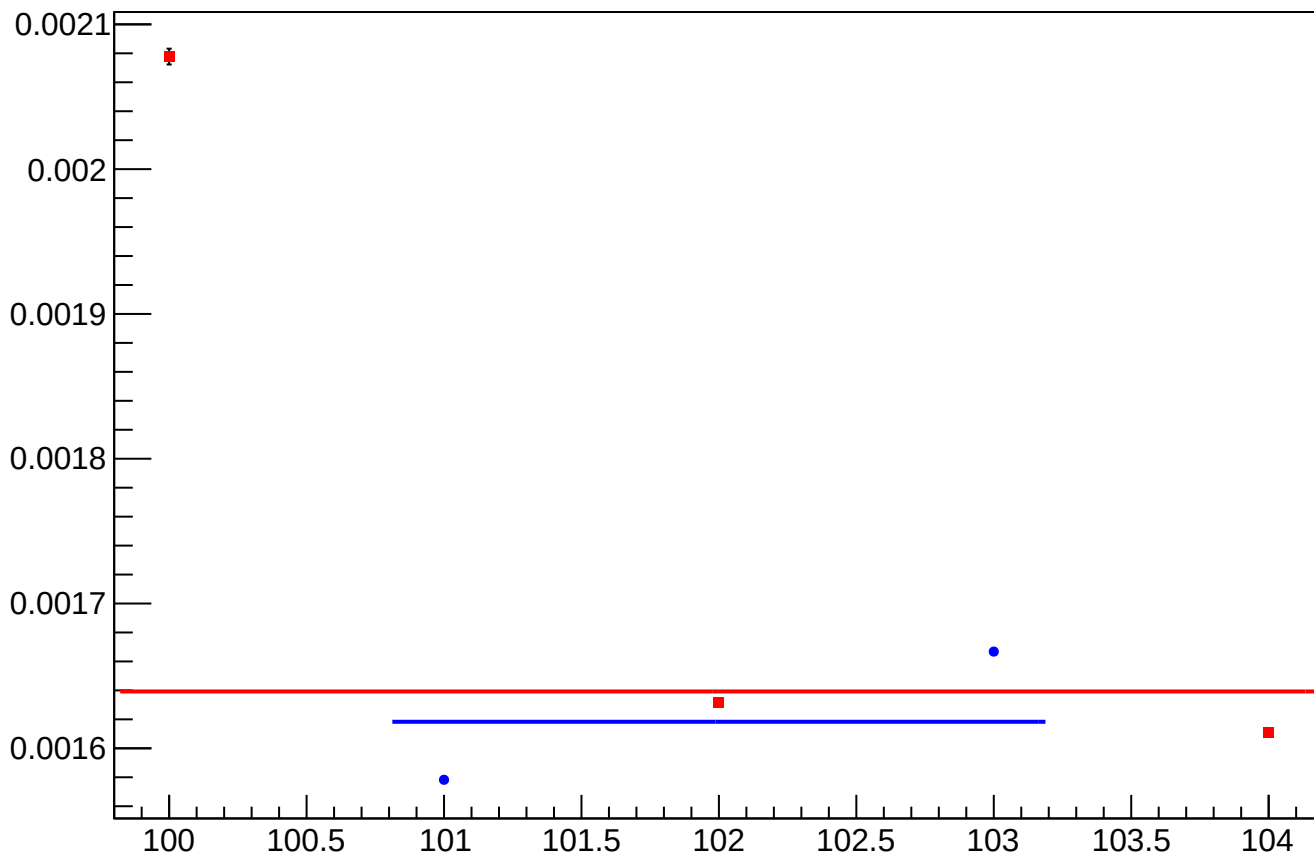
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/4

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/4

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 : 6791.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

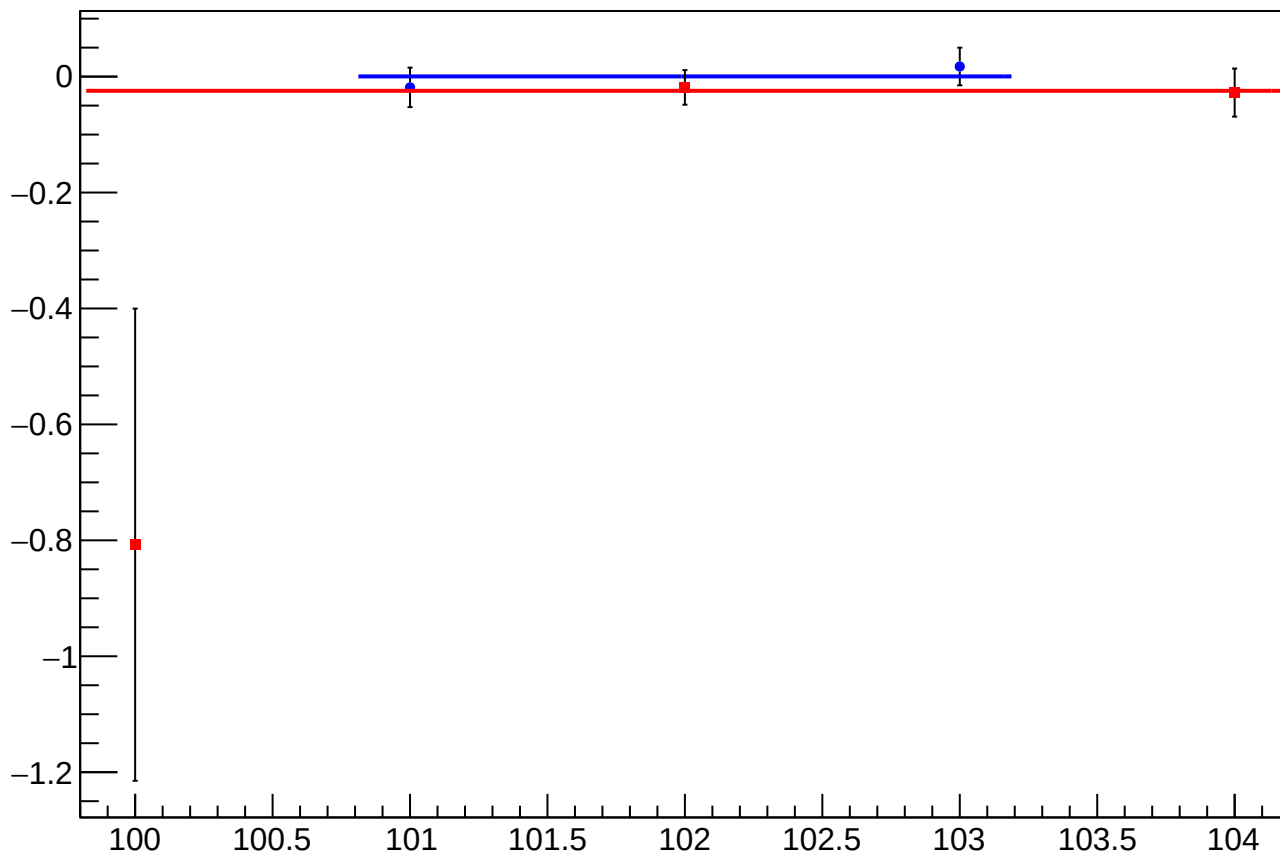
Right: 0.002+/-0.000 χ^2/NDF : 8866.1/4

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 : 8866.1/4

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: -0.024 $\pm$ 0.024 χ^2 /NDF: 3.7/2

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

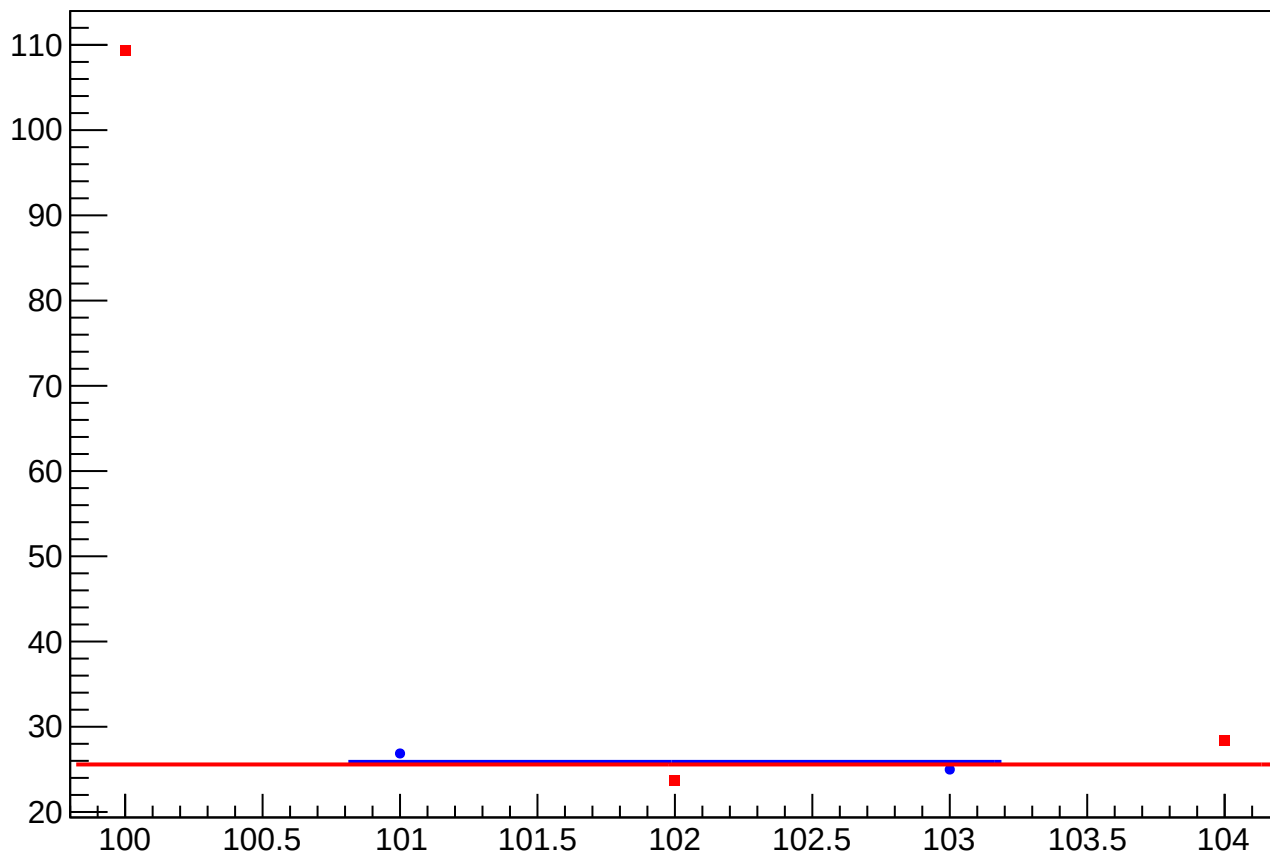
Right: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: 25.577+/-0.017 χ^2/NDF : 101790.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

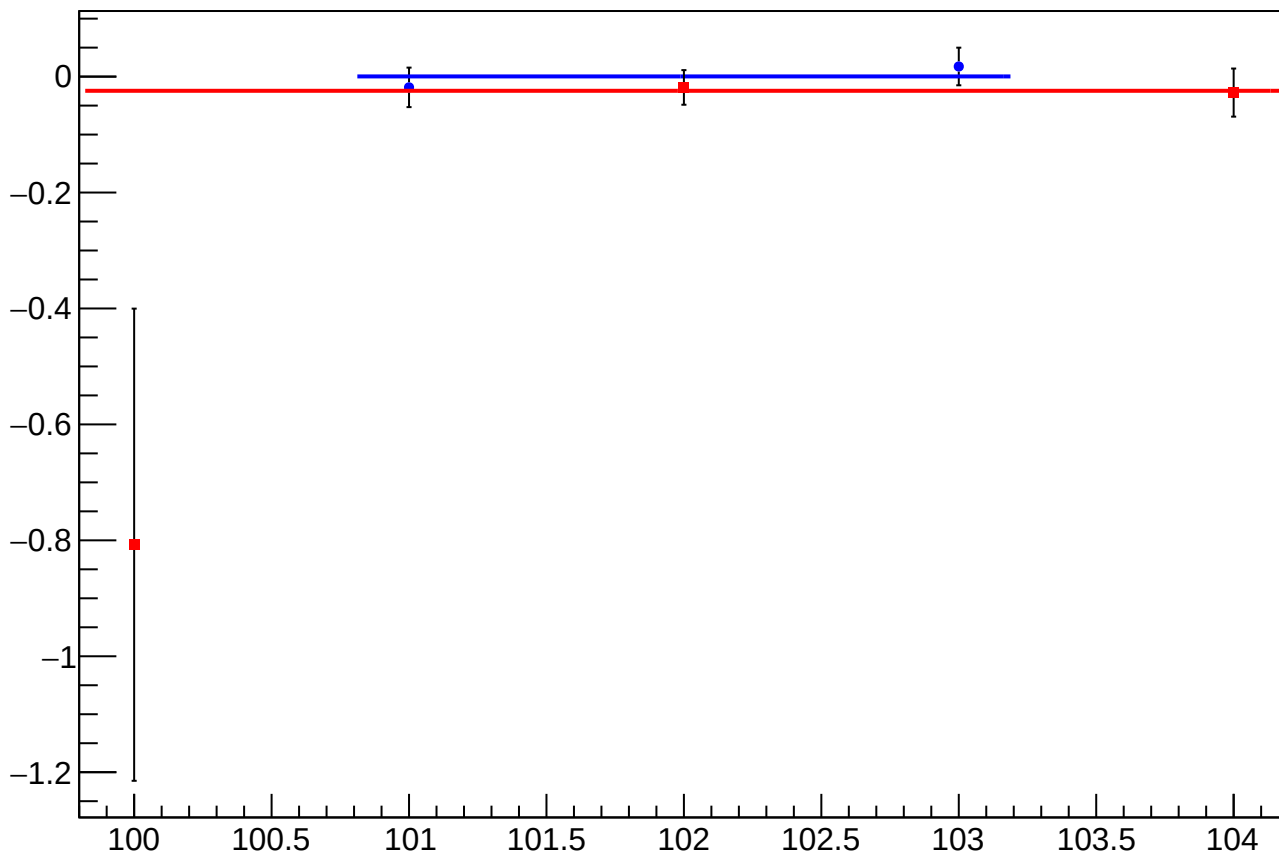
Right: 25.732+/-0.012 χ^2/NDF : 105156.2/4

In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.732+/-0.012 χ^2/NDF : 105156.2/4

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: -0.024 $\pm$ 0.024 χ^2 /NDF: 3.7/2

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

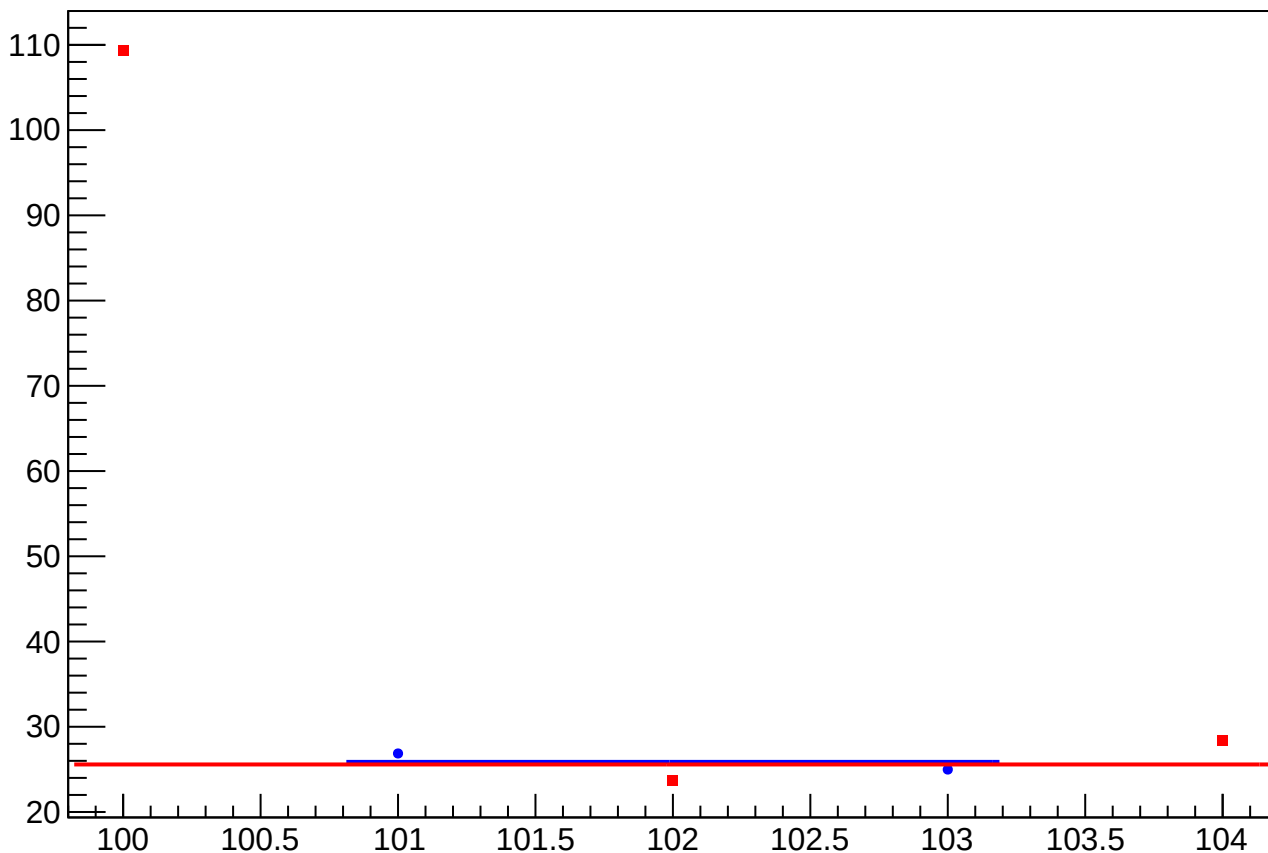
Right: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: -0.012 $\pm$ 0.017 χ^2 /NDF: 4.9/4

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: 25.577+/-0.017 χ^2/NDF : 101790.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

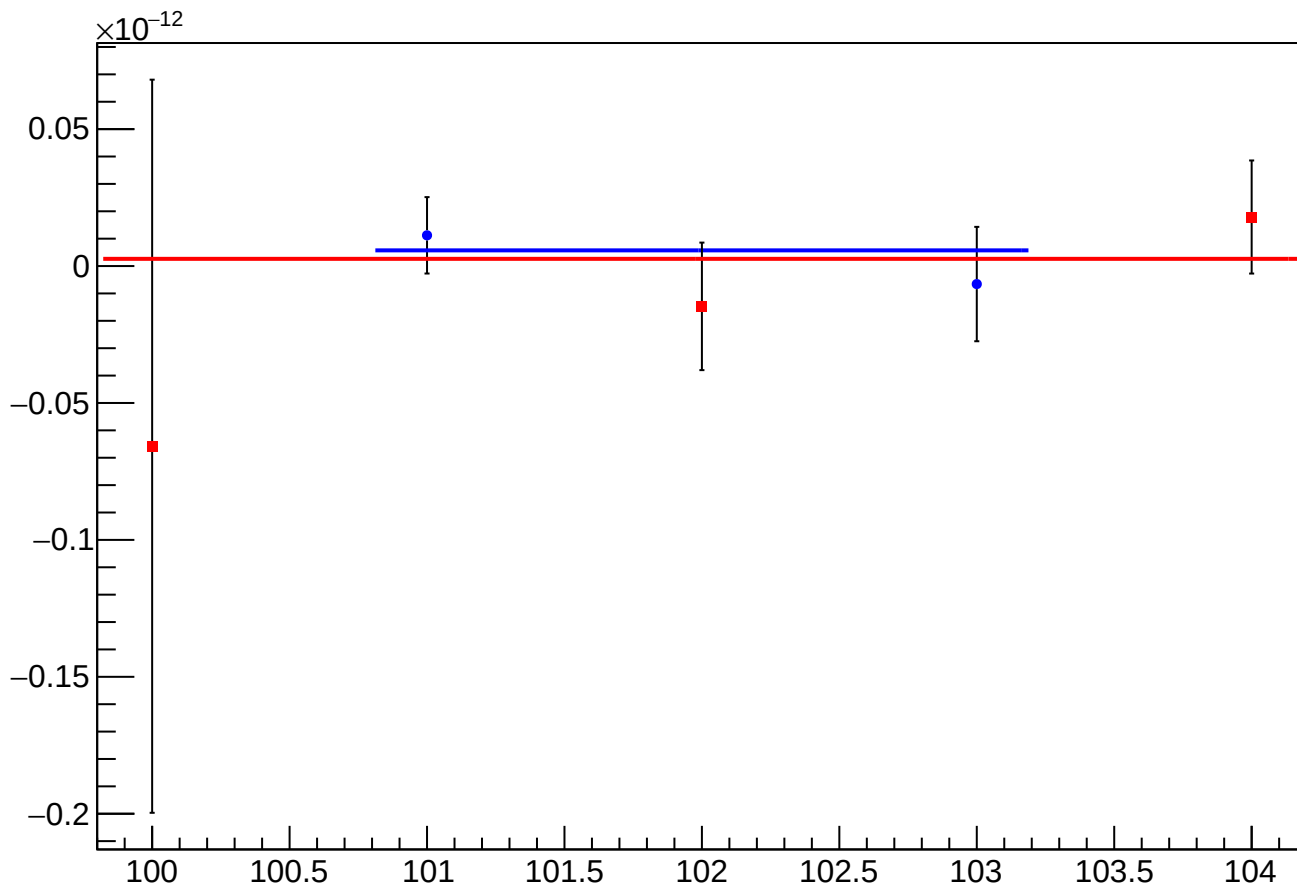
Right: 25.732+/-0.012 χ^2/NDF : 105156.2/4

In: 25.878+/-0.017 χ^2/NDF : 3207.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.732+/-0.012 χ^2/NDF : 105156.2/4

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 : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

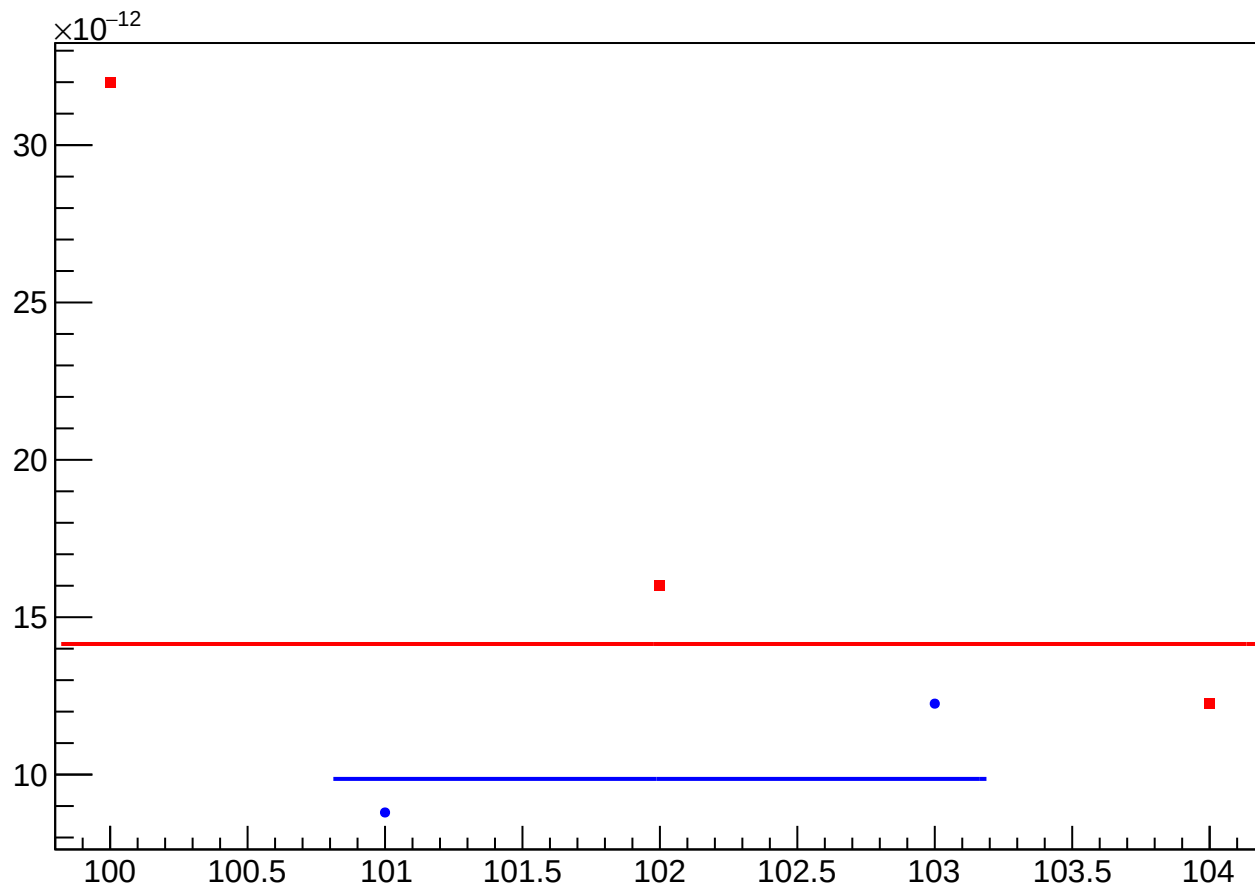
Right: 0.000+/-0.000 χ^2/NDF : 1.9/4

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 : 1.9/4

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 : 65153.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

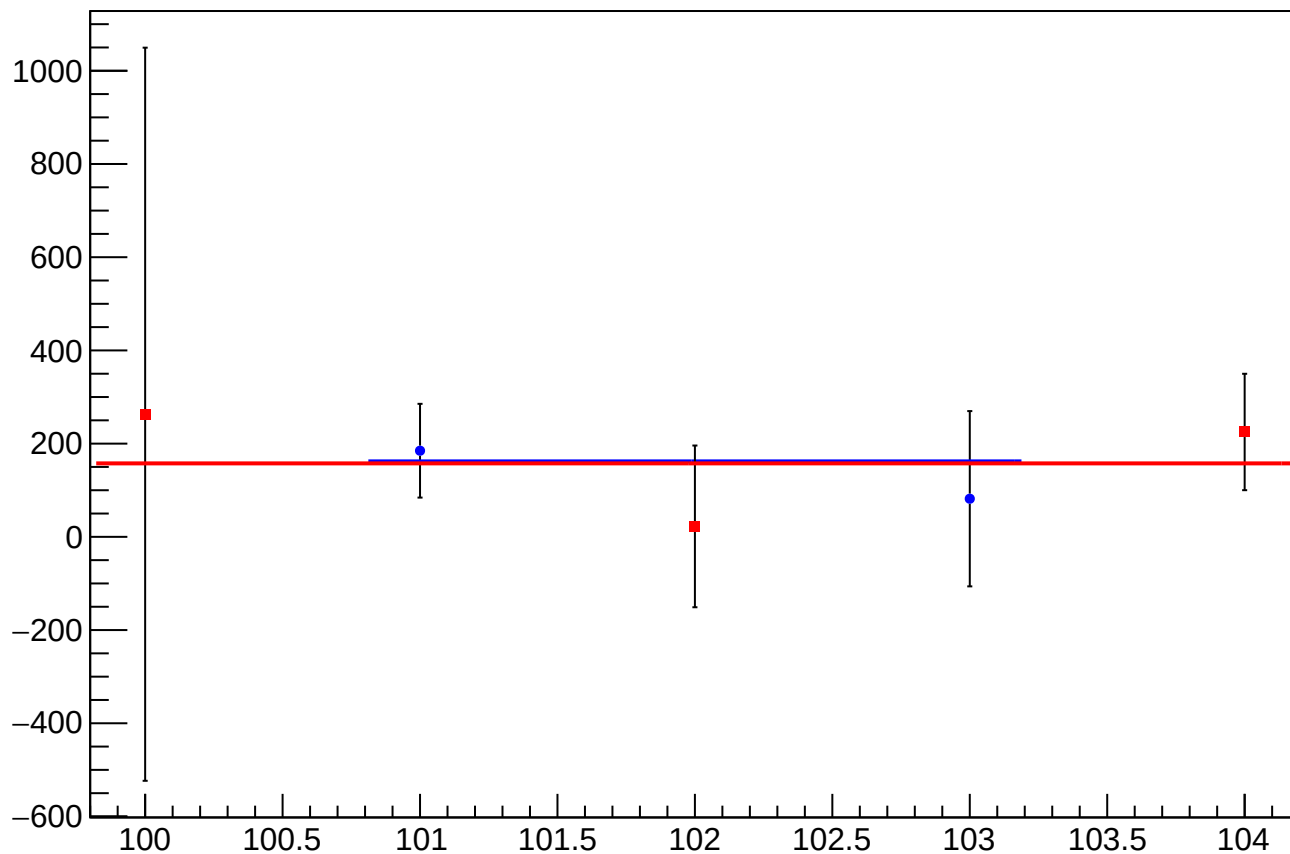
Right: 0.000+/-0.000 χ^2/NDF : 202399.8/4

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 : 202399.8/4

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: 157.622 $\pm$ 100.517 χ^2 /NDF: 0.9/2

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

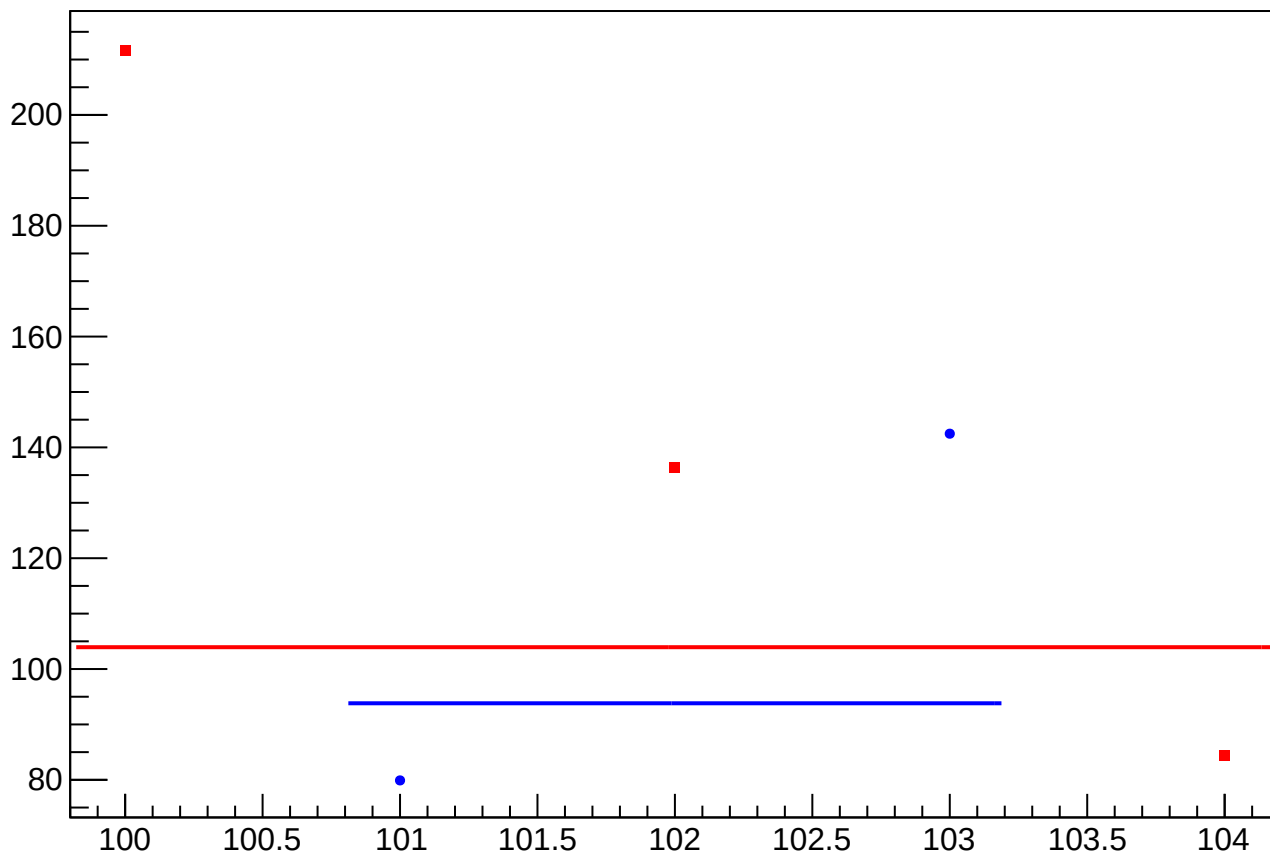
Right: 160.016 $\pm$ 66.503 χ^2 /NDF: 1.2/4

In: 161.880 $\pm$ 88.688 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.016 $\pm$ 66.503 χ^2 /NDF: 1.2/4

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: 103.940+/-0.071 χ^2/NDF : 156525.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

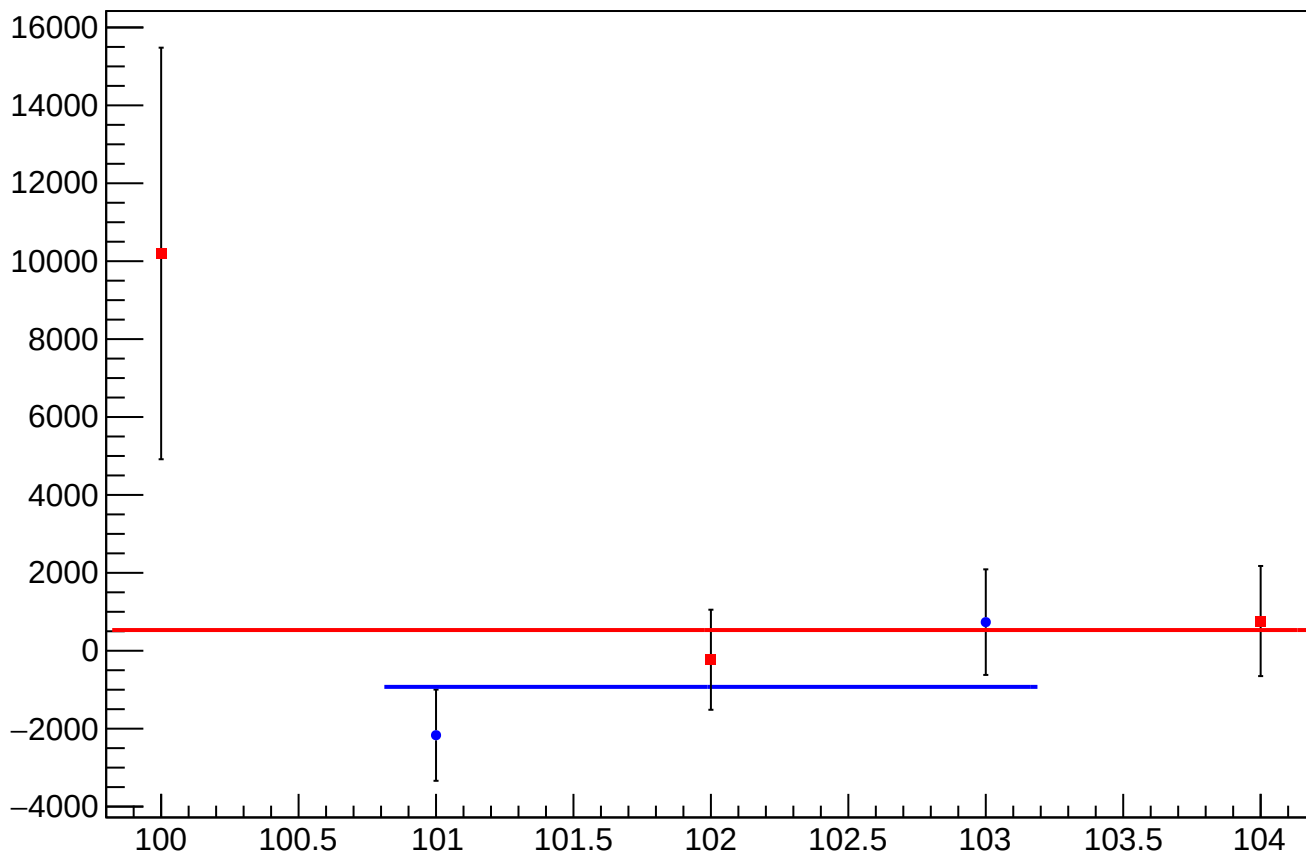
Right: 98.248+/-0.047 χ^2/NDF : 340129.3/4

In: 93.818+/-0.063 χ^2/NDF : 172200.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.248+/-0.047 χ^2/NDF : 340129.3/4

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: 531.545+/-935.503 χ^2 /NDF: 3.7/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

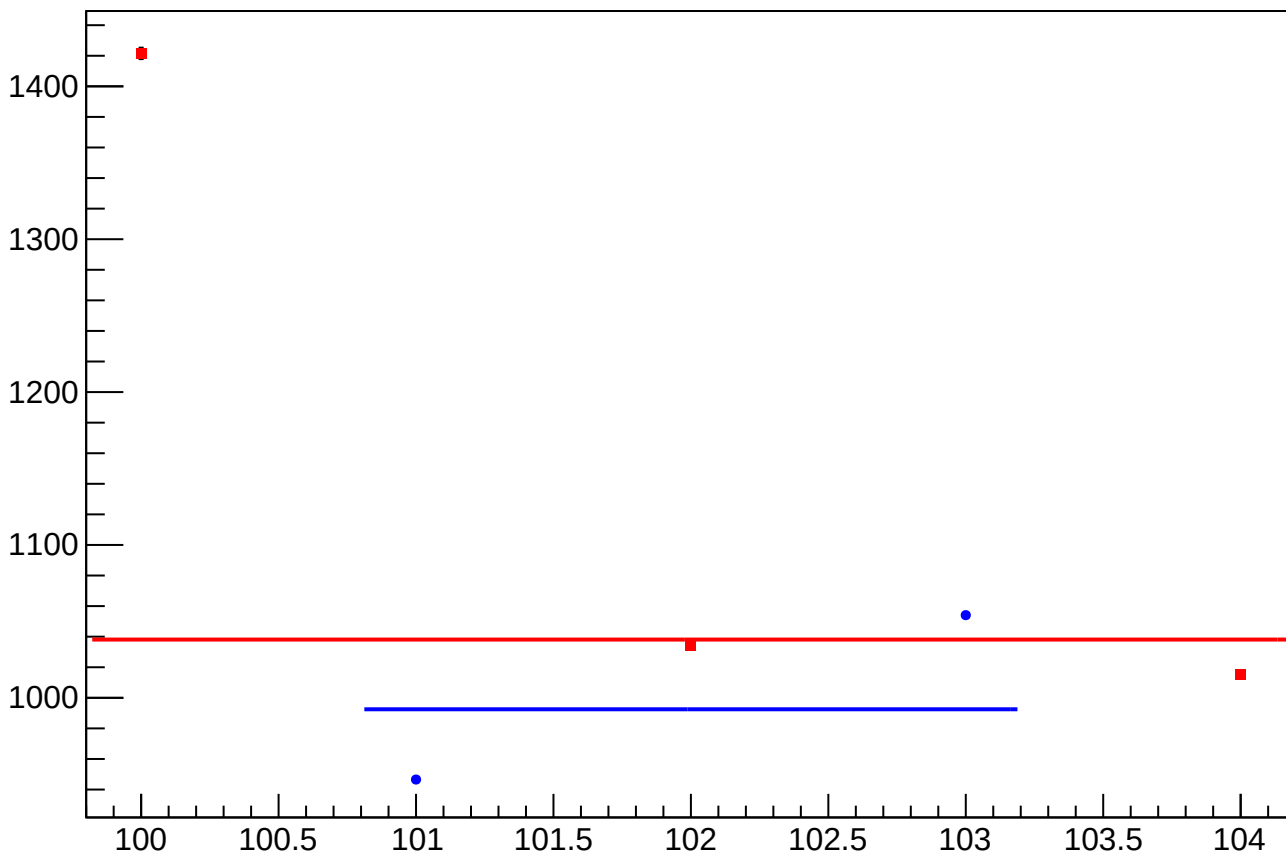
Right: -237.500+/-643.257 χ^2 /NDF: 7.6/4

In: -927.194+/-885.926 χ^2 /NDF: 2.6/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -237.500+/-643.257 χ^2 /NDF: 7.6/4

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: 1038.111+/-0.662 χ^2/NDF : 11081.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

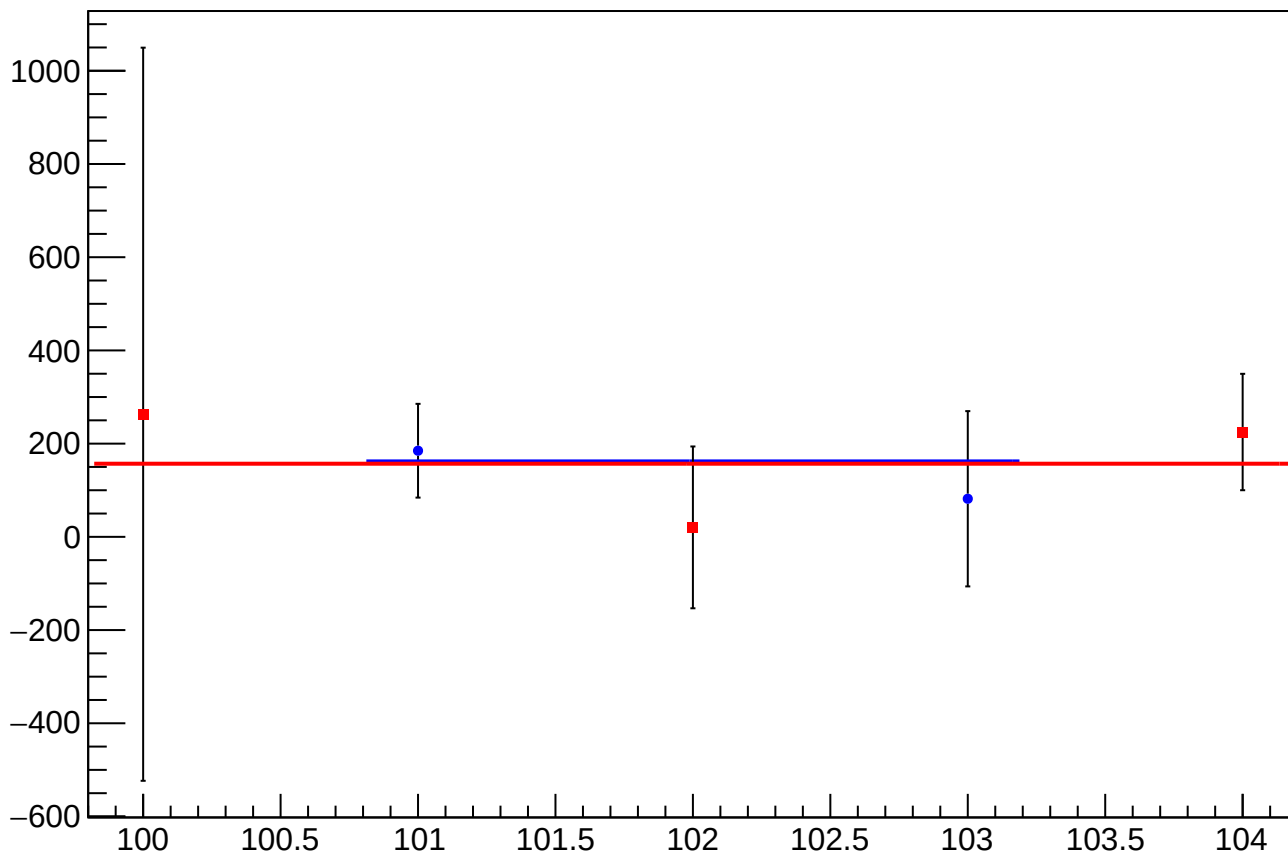
Right: 1014.068+/-0.455 χ^2/NDF : 20797.4/4

In: 992.505+/-0.626 χ^2/NDF : 7210.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.068+/-0.455 χ^2/NDF : 20797.4/4

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: 156.916 $\pm$ 100.536 χ^2 /NDF: 0.9/2

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

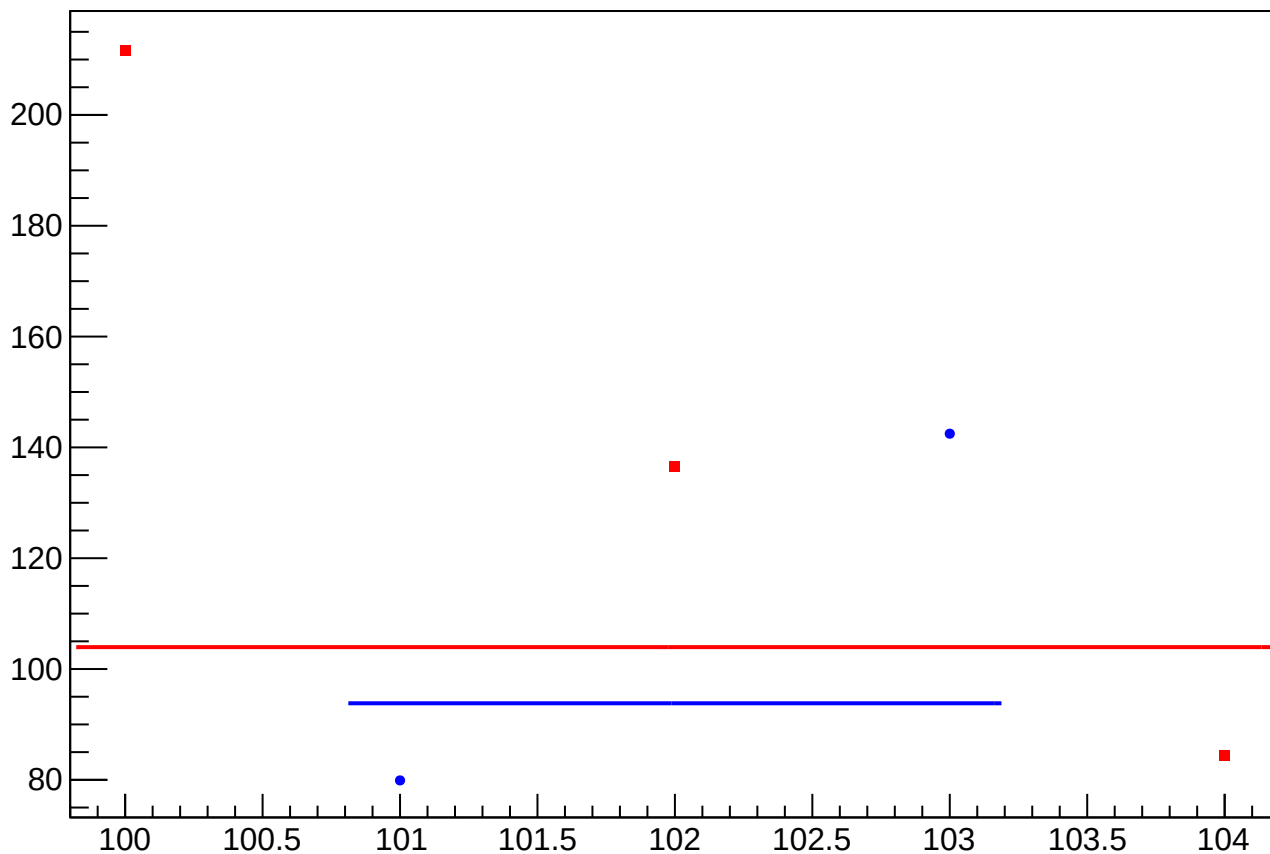
Right: 159.697 $\pm$ 66.508 χ^2 /NDF: 1.2/4

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: 159.697 $\pm$ 66.508 χ^2 /NDF: 1.2/4

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: 103.951+/-0.071 χ^2/NDF : 156738.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

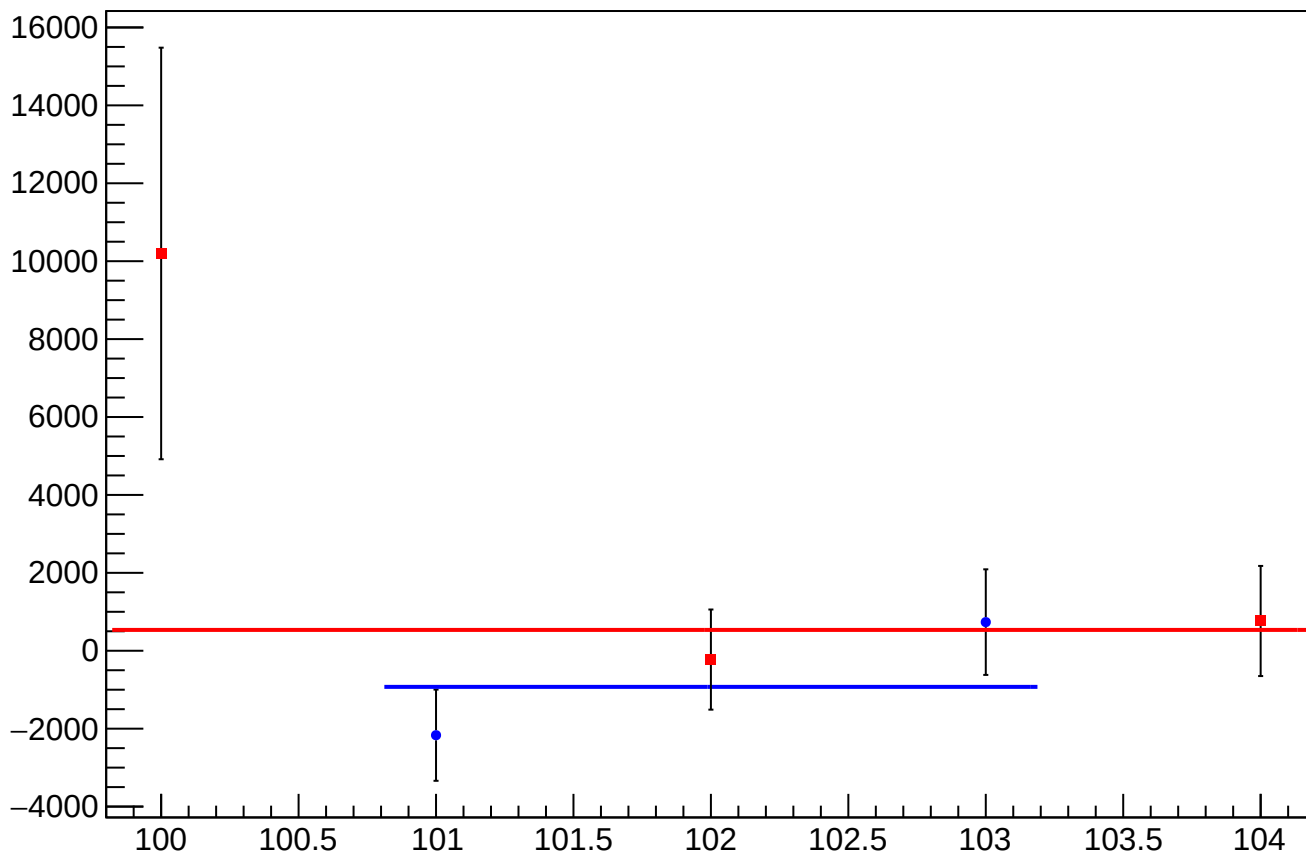
Right: 98.252+/-0.047 χ^2/NDF : 340368.0/4

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.252+/-0.047 χ^2/NDF : 340368.0/4

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: 534.859+/-935.866 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

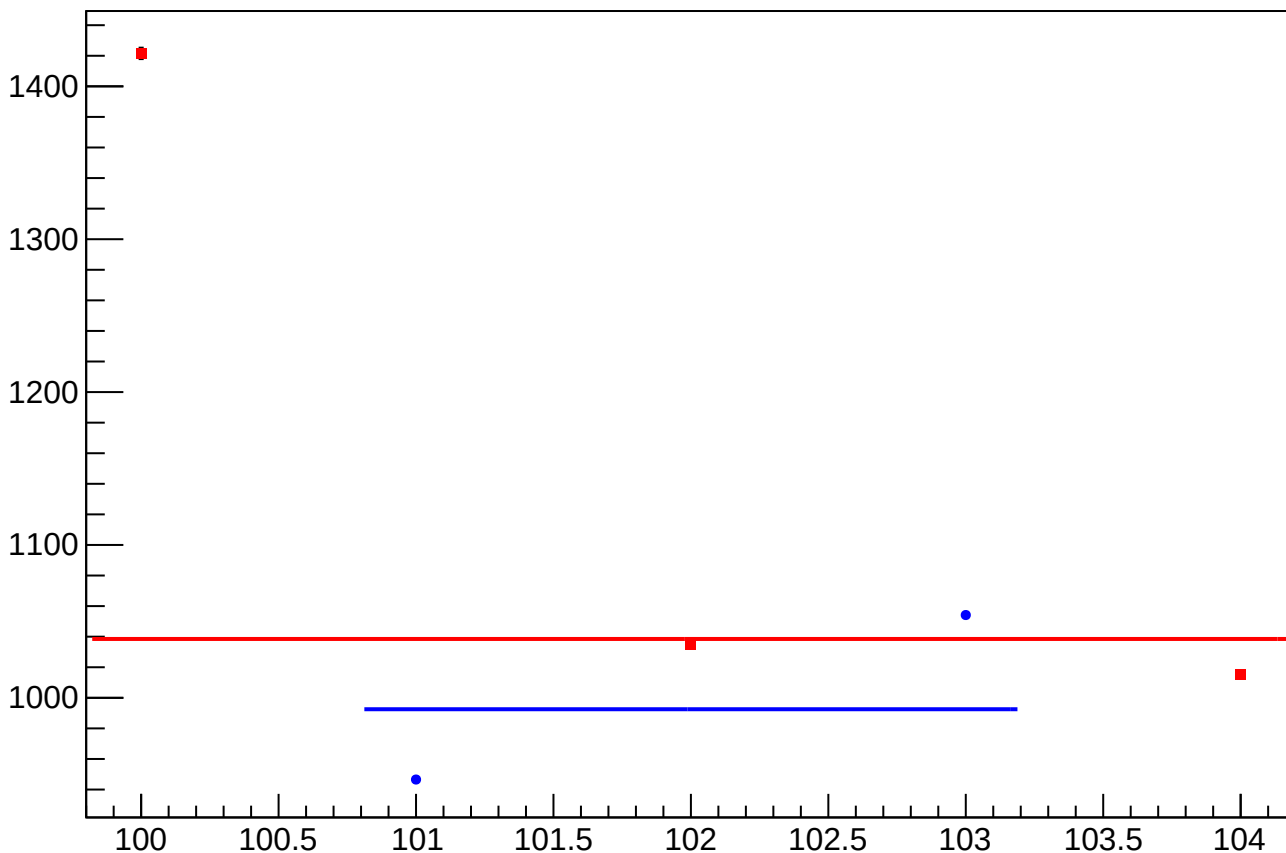
Right: -236.125+/-643.387 χ^2/NDF : 7.6/4

In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.125+/-643.387 χ^2/NDF : 7.6/4

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: 1038.506+/-0.662 χ^2/NDF : 11072.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

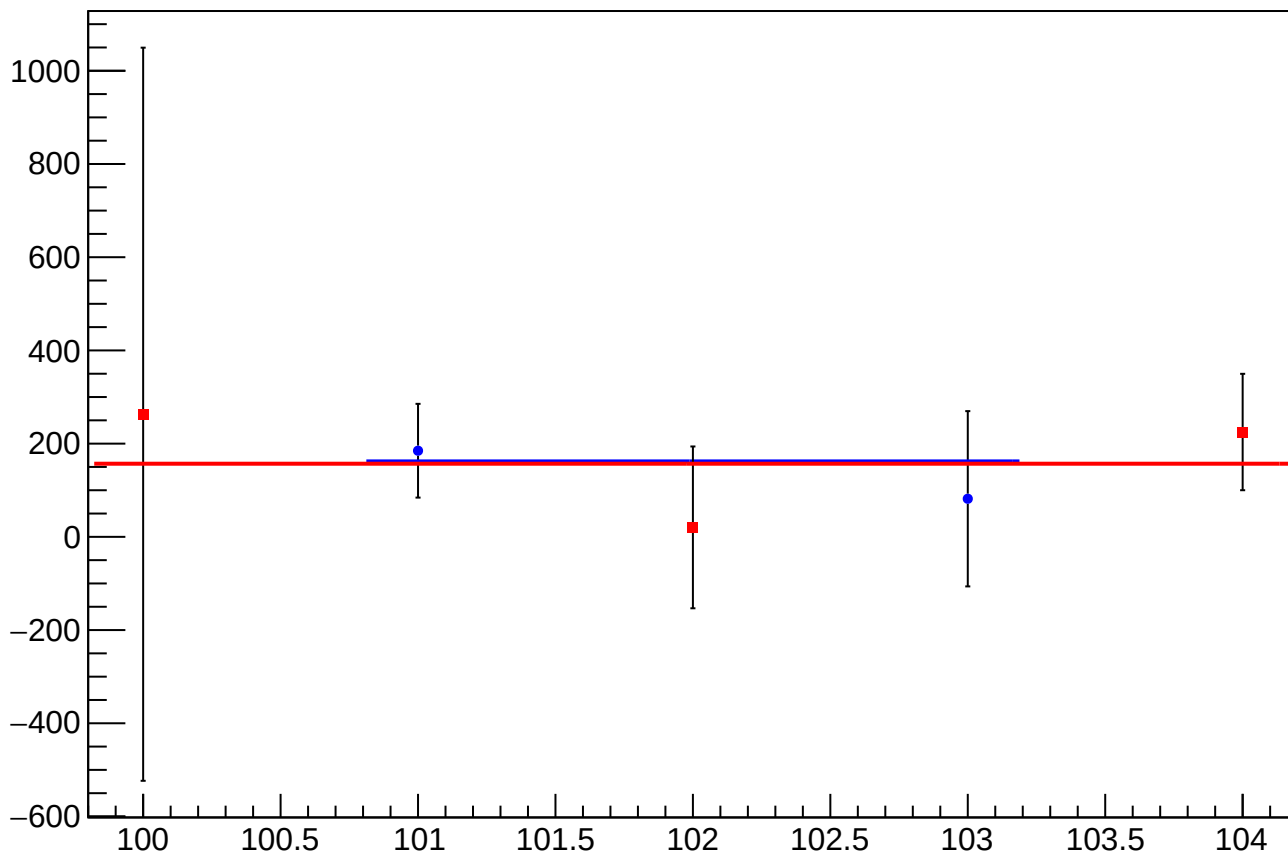
Right: 1014.263+/-0.455 χ^2/NDF : 20837.6/4

In: 992.536+/-0.626 χ^2/NDF : 7220.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.263+/-0.455 χ^2/NDF : 20837.6/4

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: 156.916 $\pm$ 100.536 χ^2 /NDF: 0.9/2

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

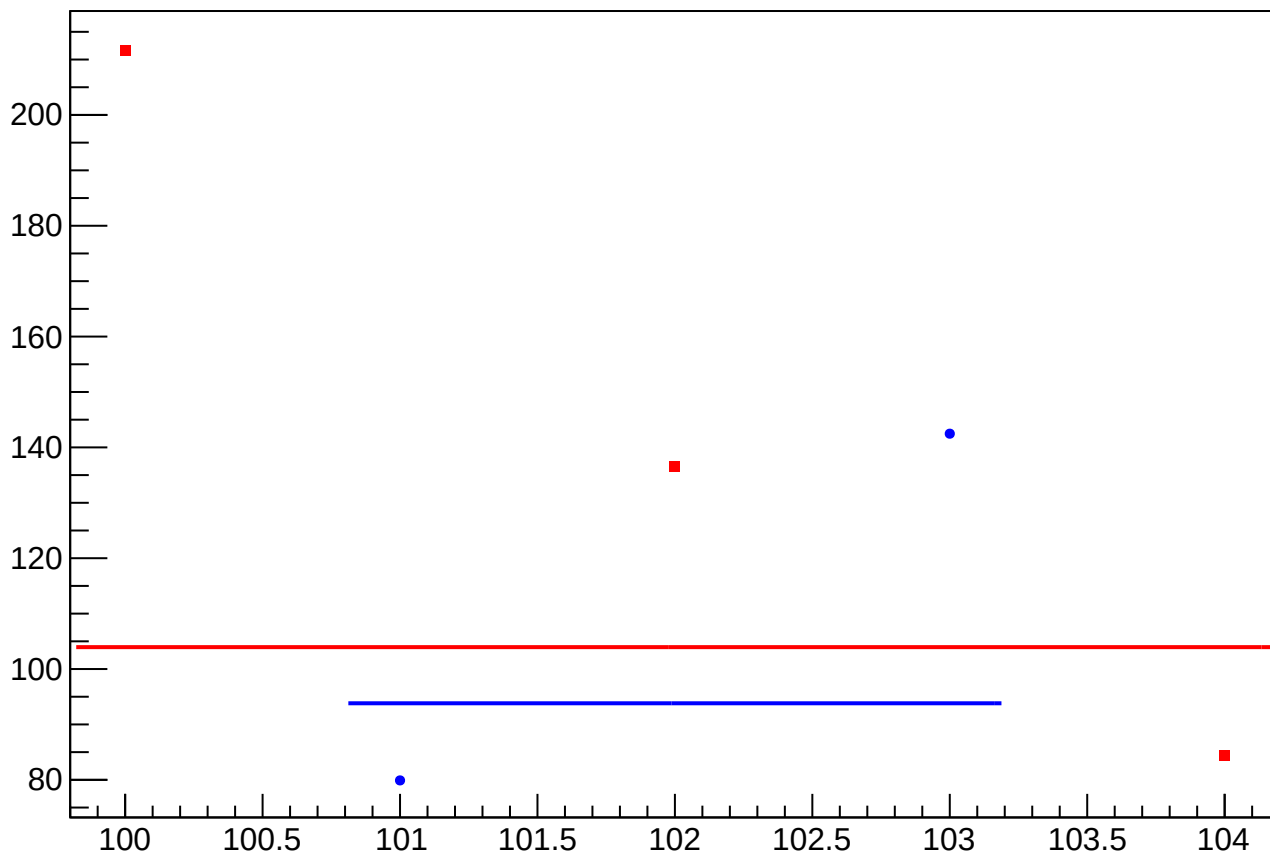
Right: 159.697 $\pm$ 66.508 χ^2 /NDF: 1.2/4

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: 159.697 $\pm$ 66.508 χ^2 /NDF: 1.2/4

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: 103.951+/-0.071 χ^2/NDF : 156738.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

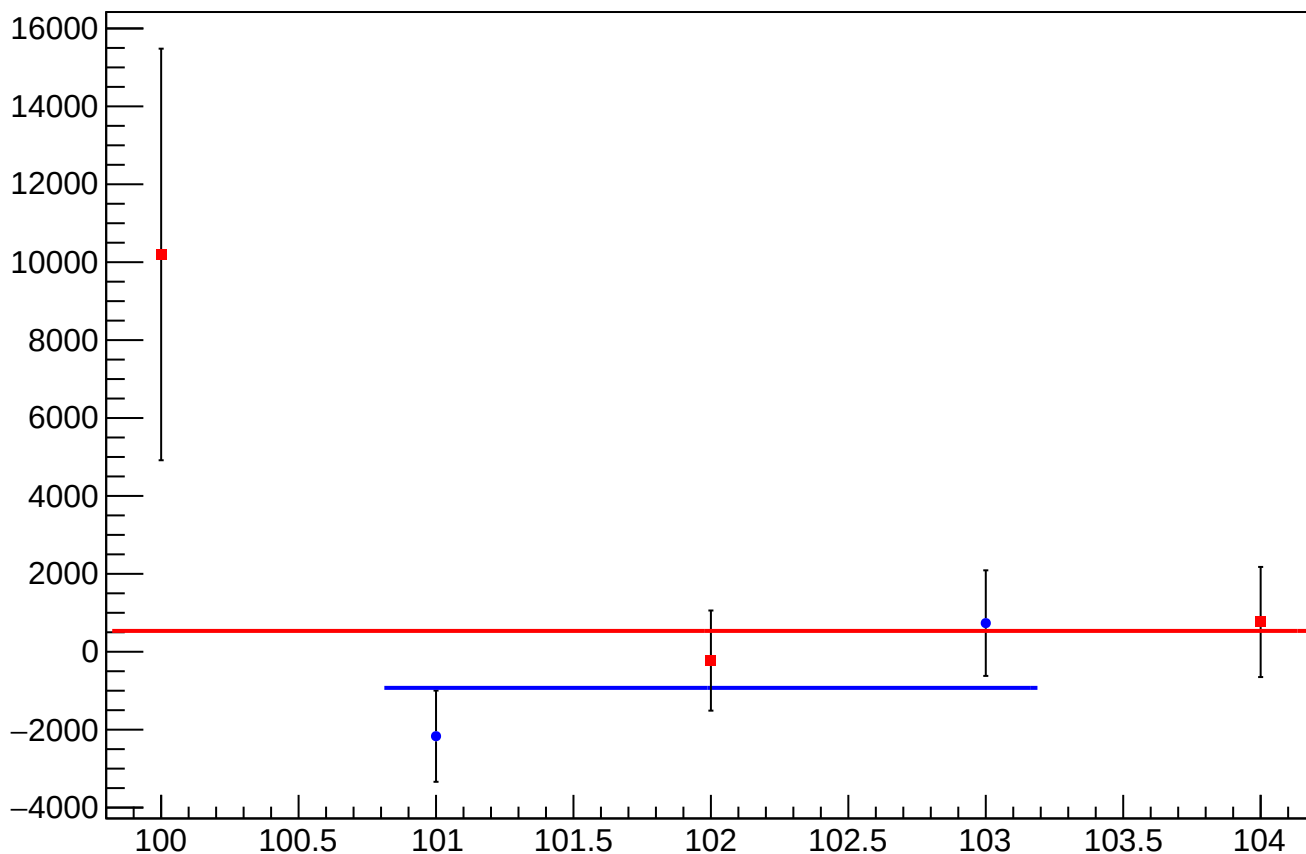
Right: 98.252+/-0.047 χ^2/NDF : 340368.0/4

In: 93.818+/-0.063 χ^2/NDF : 172203.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.252+/-0.047 χ^2/NDF : 340368.0/4

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: 534.859+/-935.866 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

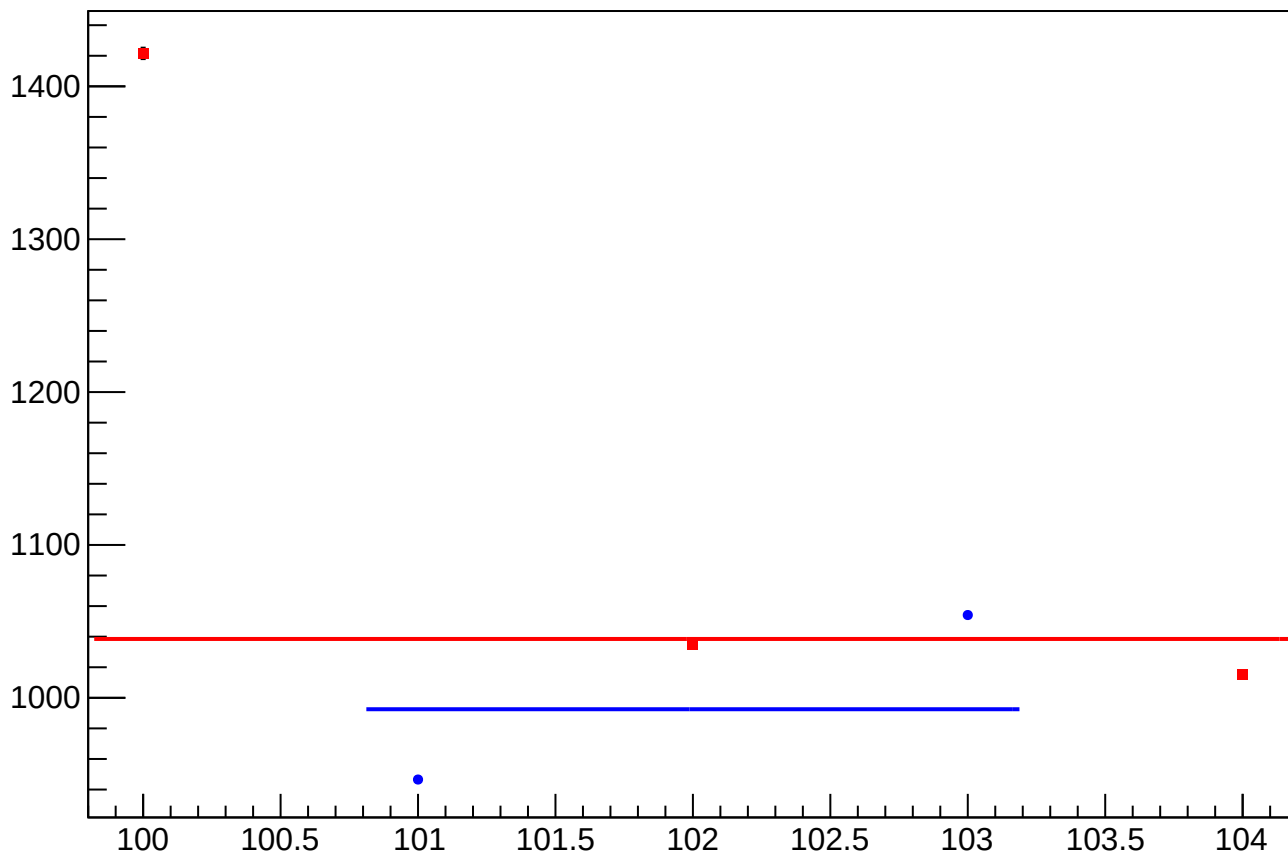
Right: -236.125+/-643.387 χ^2/NDF : 7.6/4

In: -927.071+/-885.957 χ^2/NDF : 2.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.125+/-643.387 χ^2/NDF : 7.6/4

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.536 ± 0.626 $\chi^2/\text{NDF}: 7220.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1038.506 ± 0.662 $\chi^2/\text{NDF}: 11072.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

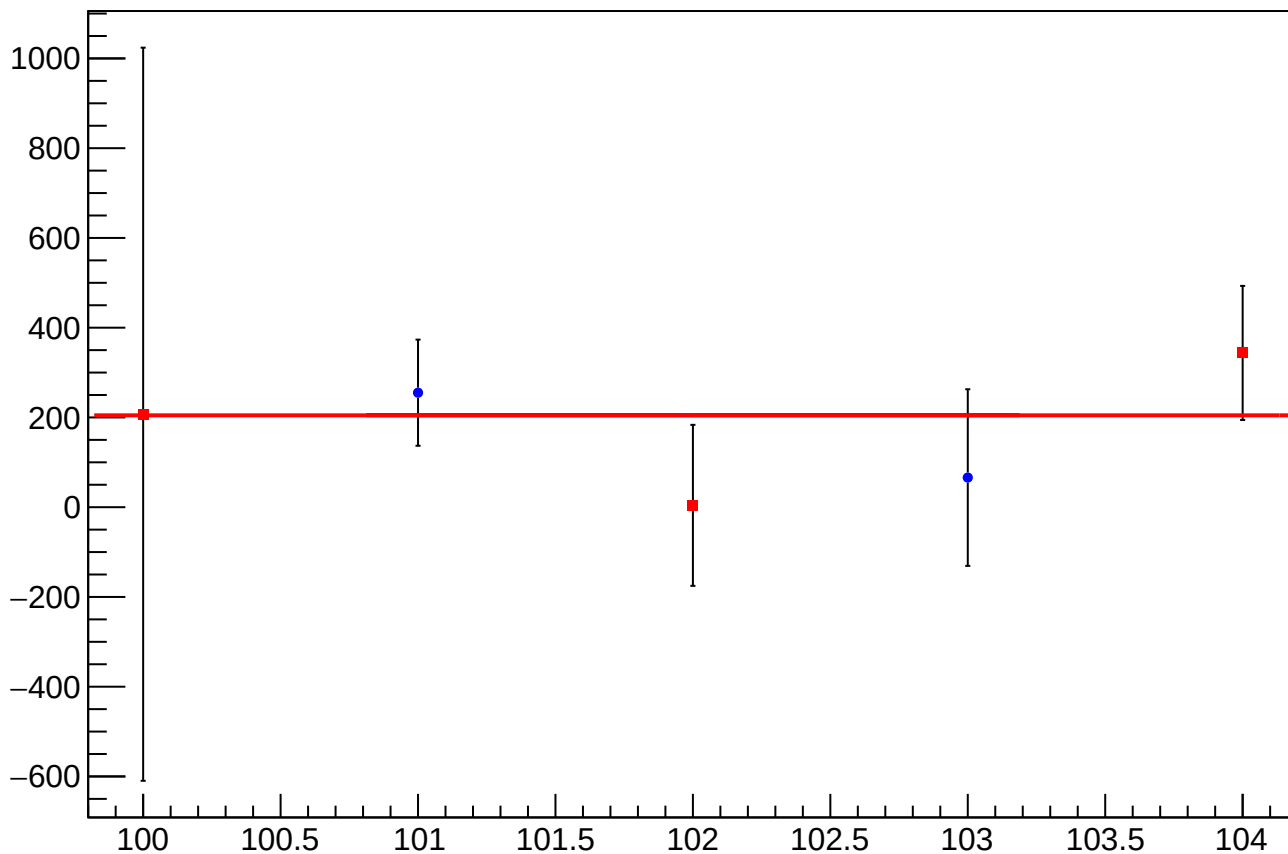
Right: 1014.263 ± 0.455 $\chi^2/\text{NDF}: 20837.6/4$

In: 992.536 ± 0.626 $\chi^2/\text{NDF}: 7220.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1014.263 ± 0.455 $\chi^2/\text{NDF}: 20837.6/4$

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: 204.692+/-113.686 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

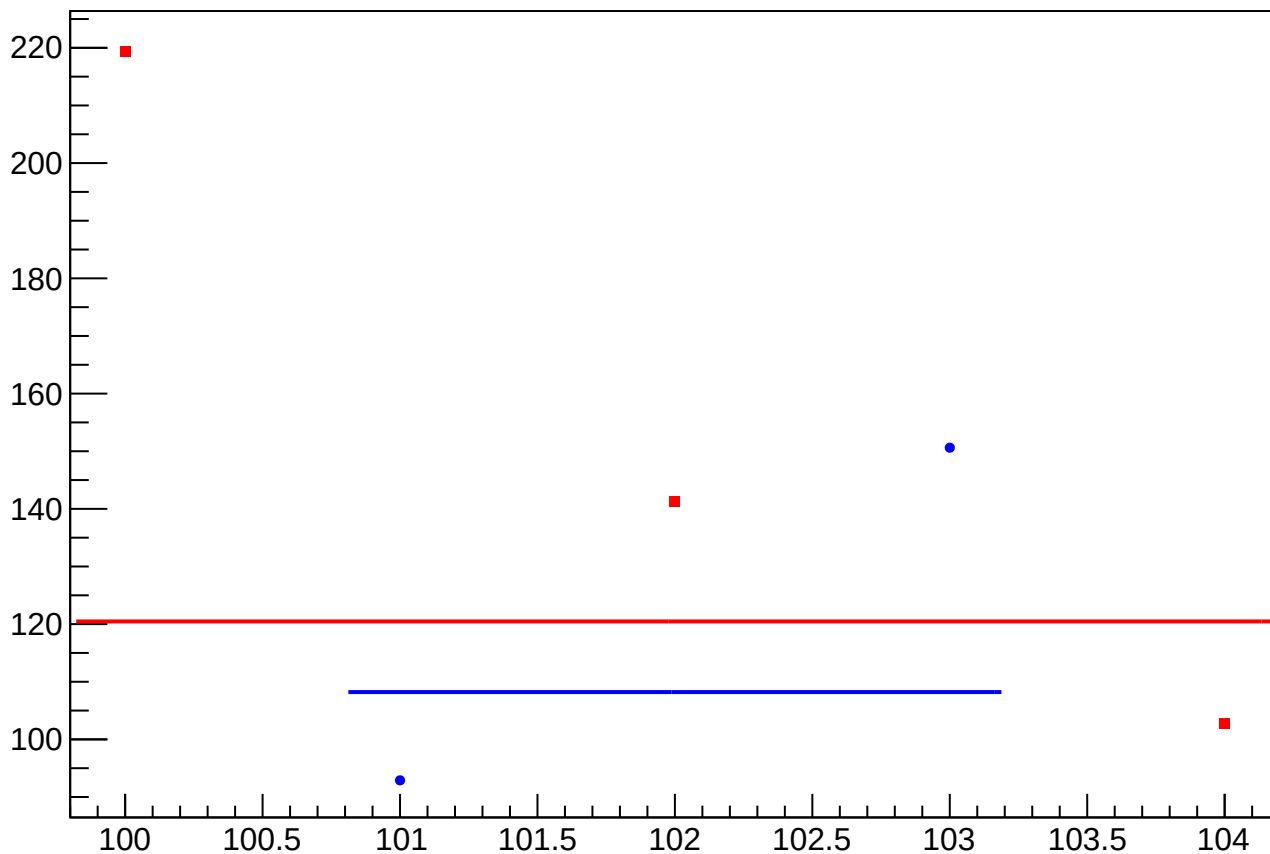
Right: 204.840+/-75.664 χ^2/NDF : 2.8/4

In: 204.957+/-101.378 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.840+/-75.664 χ^2/NDF : 2.8/4

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: 120.467+/-0.080 χ^2/NDF : 84549.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

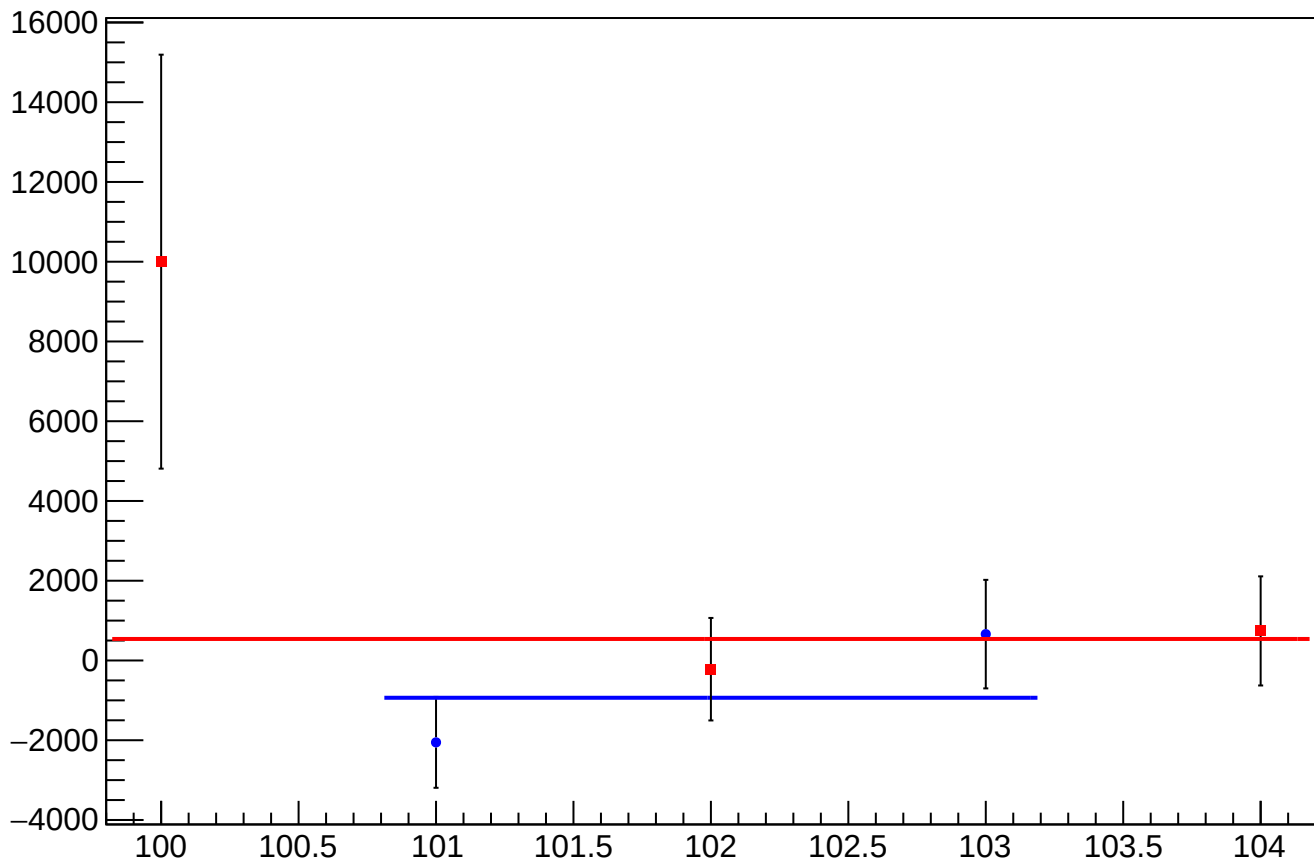
Right: 113.640+/-0.054 χ^2/NDF : 223854.5/4

In: 108.211+/-0.072 χ^2/NDF : 126356.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.640+/-0.054 χ^2/NDF : 223854.5/4

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: 539.576+/-921.907 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

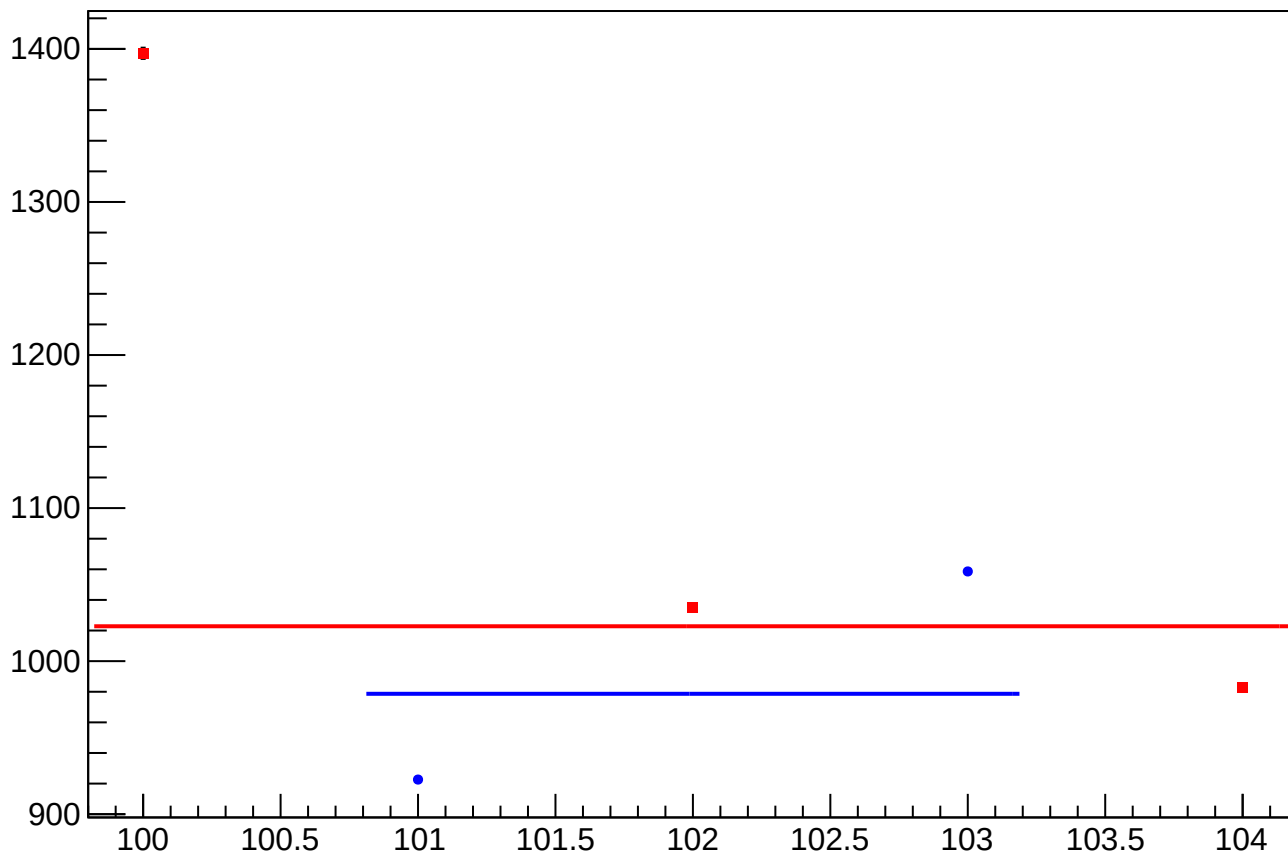
Right: -237.338+/-634.104 χ^2/NDF : 7.4/4

In: -934.906+/-873.562 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.338+/-634.104 χ^2/NDF : 7.4/4

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: 1022.790+/-0.652 χ^2/NDF : 12301.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

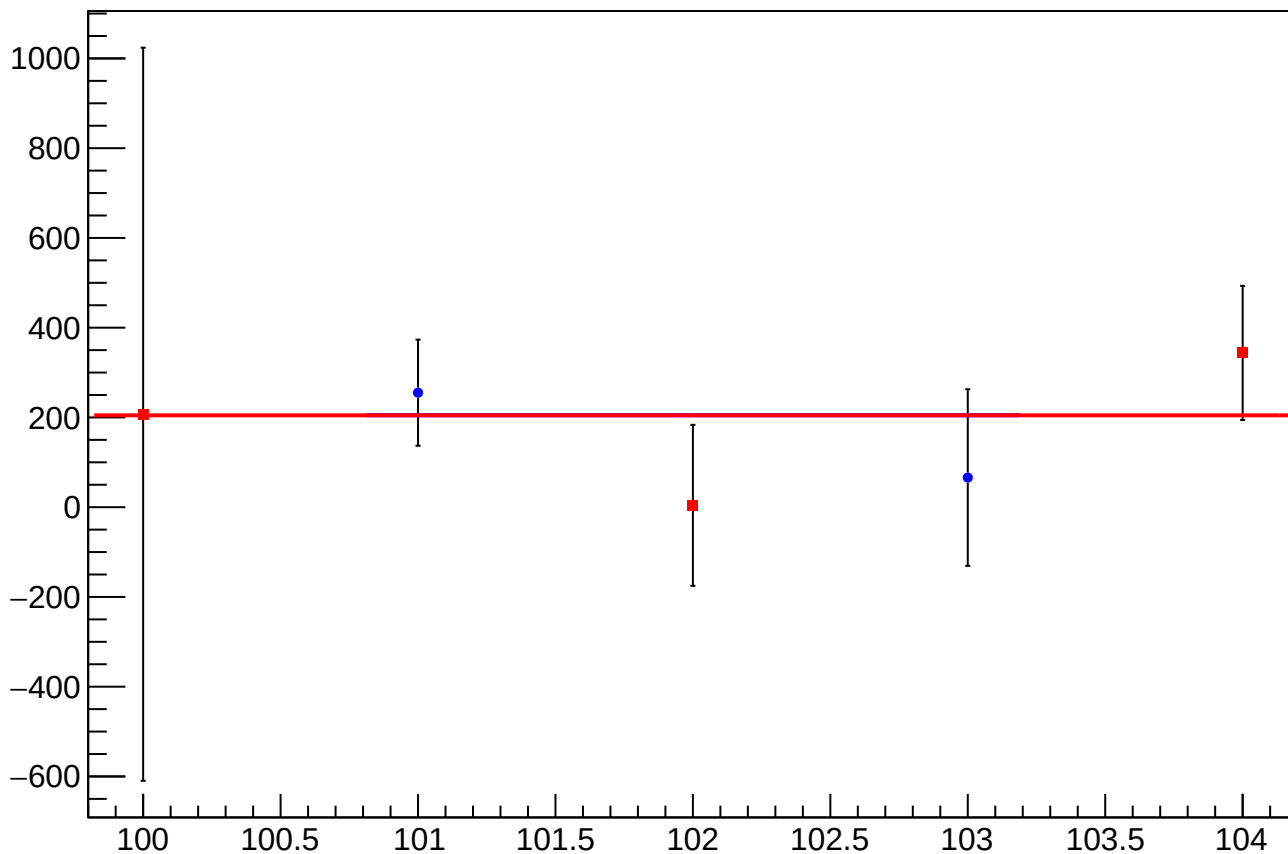
Right: 999.541+/-0.448 χ^2/NDF : 26455.8/4

In: 978.666+/-0.618 χ^2/NDF : 11740.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.541+/-0.448 χ^2/NDF : 26455.8/4

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: 204.695+/-113.687 χ^2/NDF : 2.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

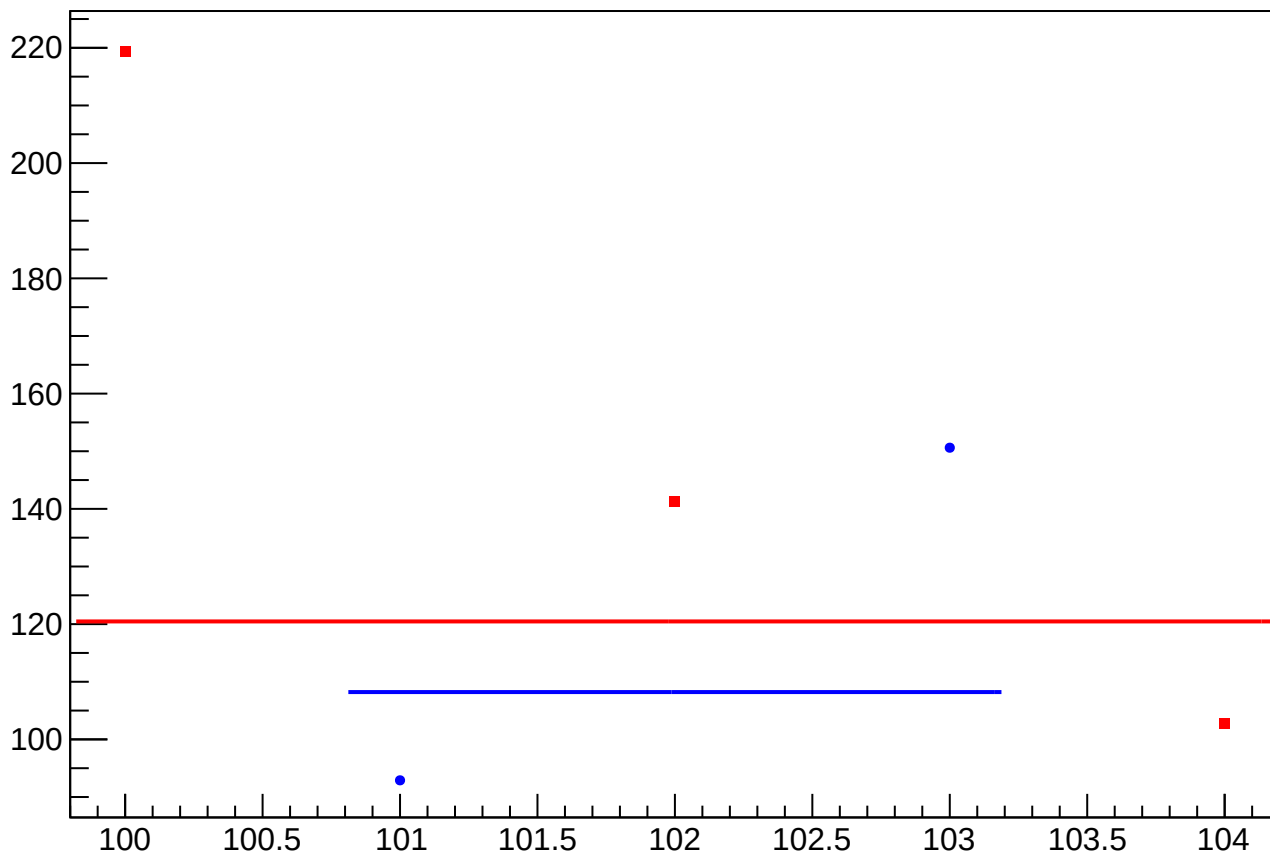
Right: 204.841+/-75.664 χ^2/NDF : 2.8/4

In: 204.956+/-101.378 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.841+/-75.664 χ^2/NDF : 2.8/4

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 108.211 ± 0.072 $\chi^2/\text{NDF}: 126353.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 120.468 ± 0.080 $\chi^2/\text{NDF}: 84545.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

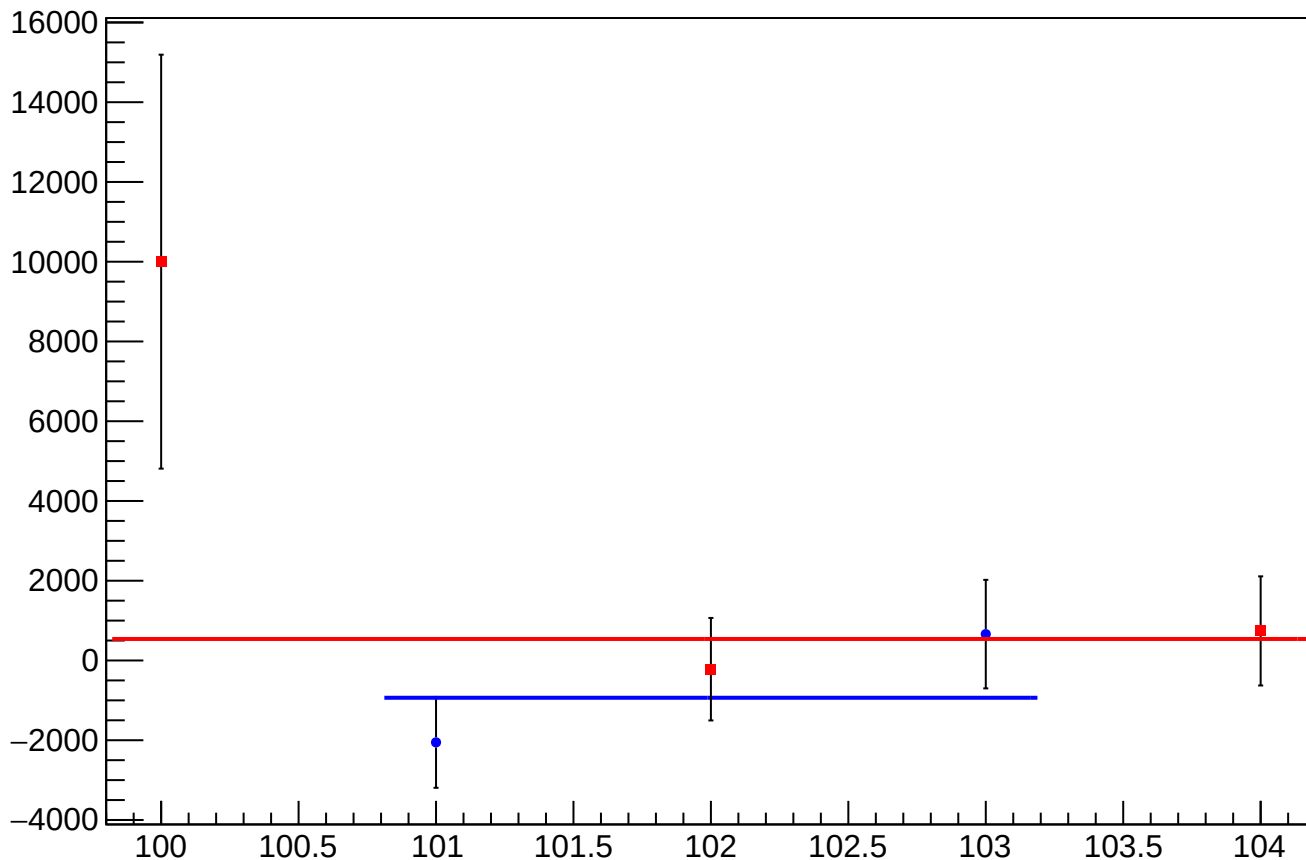
Right: 113.640 ± 0.054 $\chi^2/\text{NDF}: 223848.0/4$

In: 108.211 ± 0.072 $\chi^2/\text{NDF}: 126353.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 113.640 ± 0.054 $\chi^2/\text{NDF}: 223848.0/4$

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: 539.575+/-921.904 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

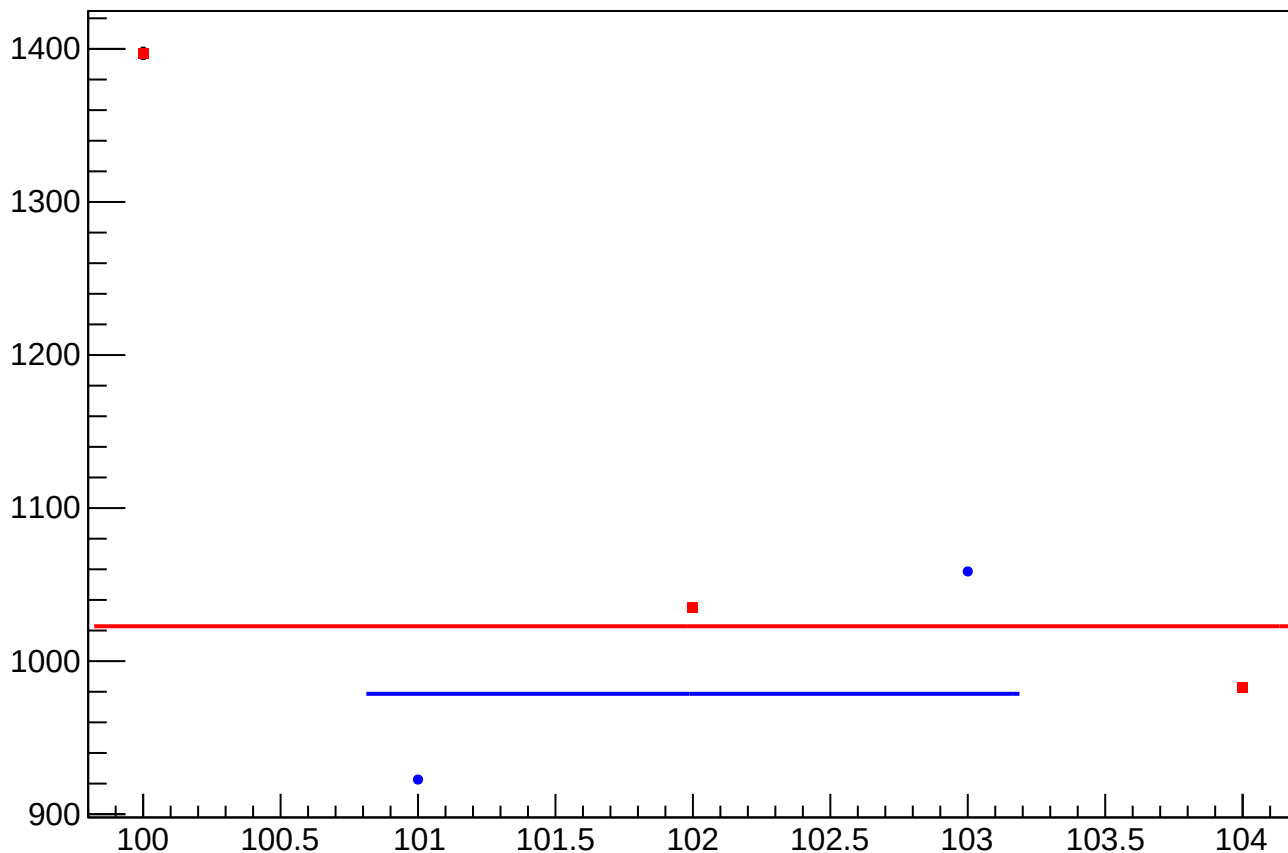
Right: -237.337+/-634.103 χ^2/NDF : 7.4/4

In: -934.905+/-873.560 χ^2/NDF : 2.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.337+/-634.103 χ^2/NDF : 7.4/4

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: 1022.787+/-0.652 χ^2/NDF : 12301.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

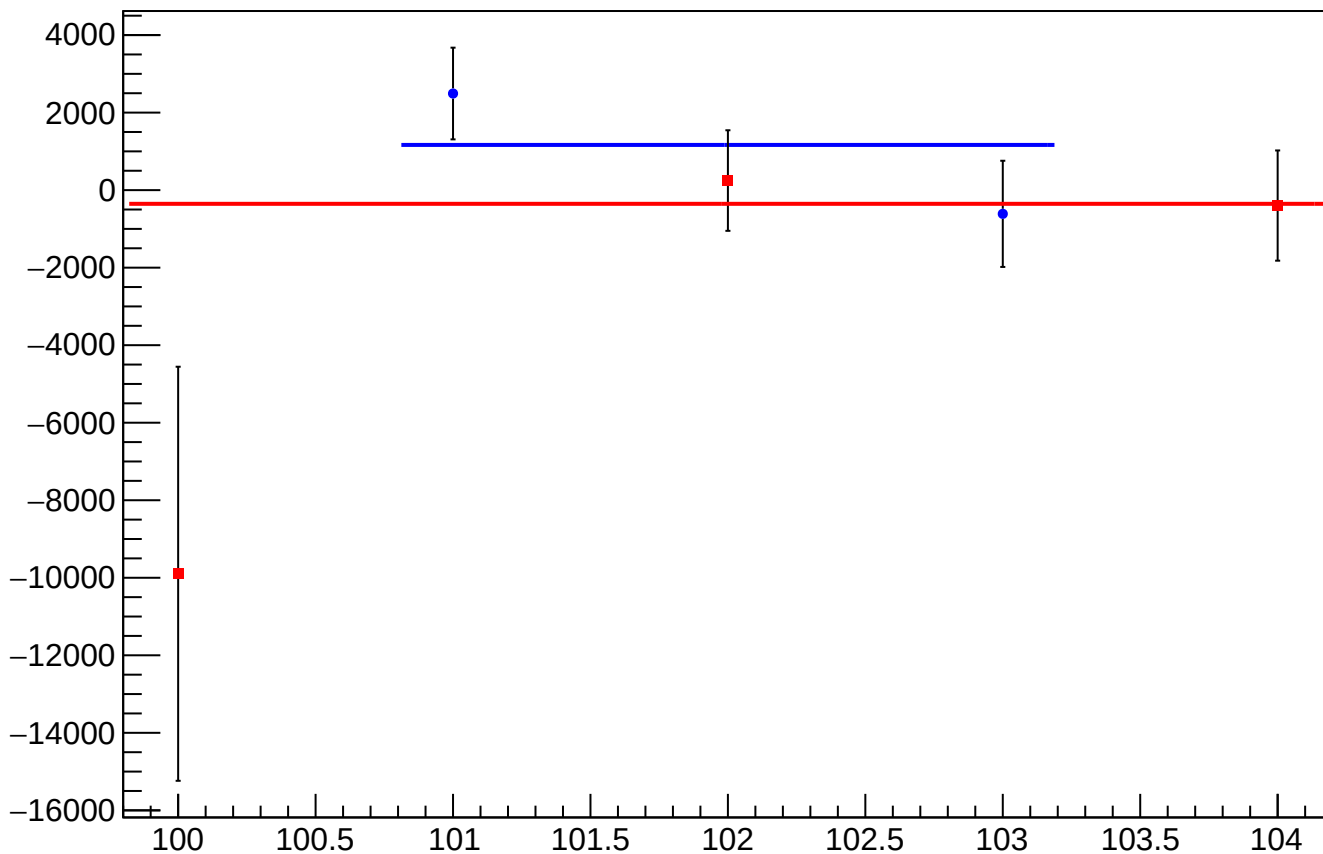
Right: 999.538+/-0.448 χ^2/NDF : 26455.7/4

In: 978.664+/-0.618 χ^2/NDF : 11740.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 999.538+/-0.448 χ^2/NDF : 26455.7/4

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 1166.236+/-895.141 χ^2 /NDF: 2.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -353.148+/-943.215 χ^2 /NDF: 3.4/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

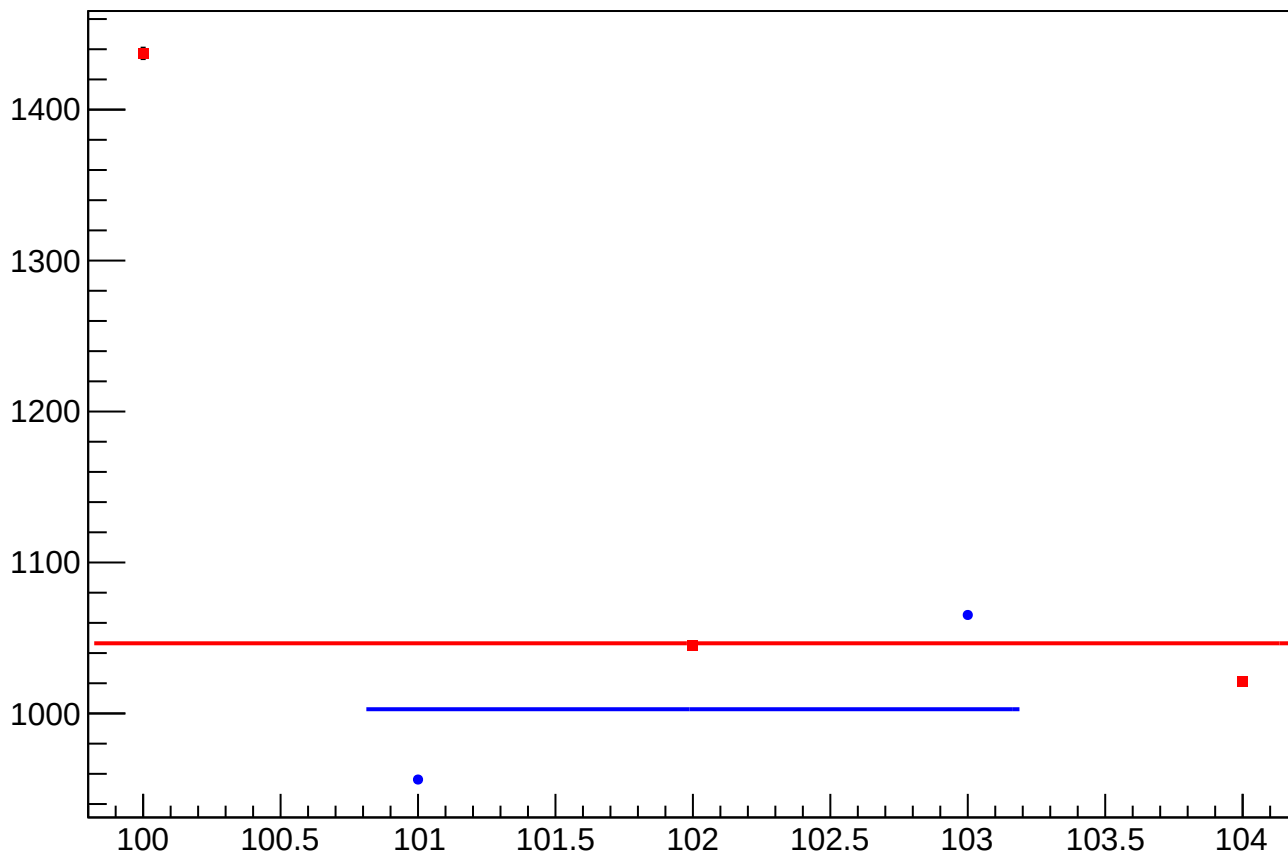
Right: 446.250+/-649.291 χ^2 /NDF: 7.7/4

In: 1166.236+/-895.141 χ^2 /NDF:2.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 446.250+/-649.291 χ^2 /NDF: 7.7/4

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: 1046.473+/-0.667 χ^2/NDF : 11357.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

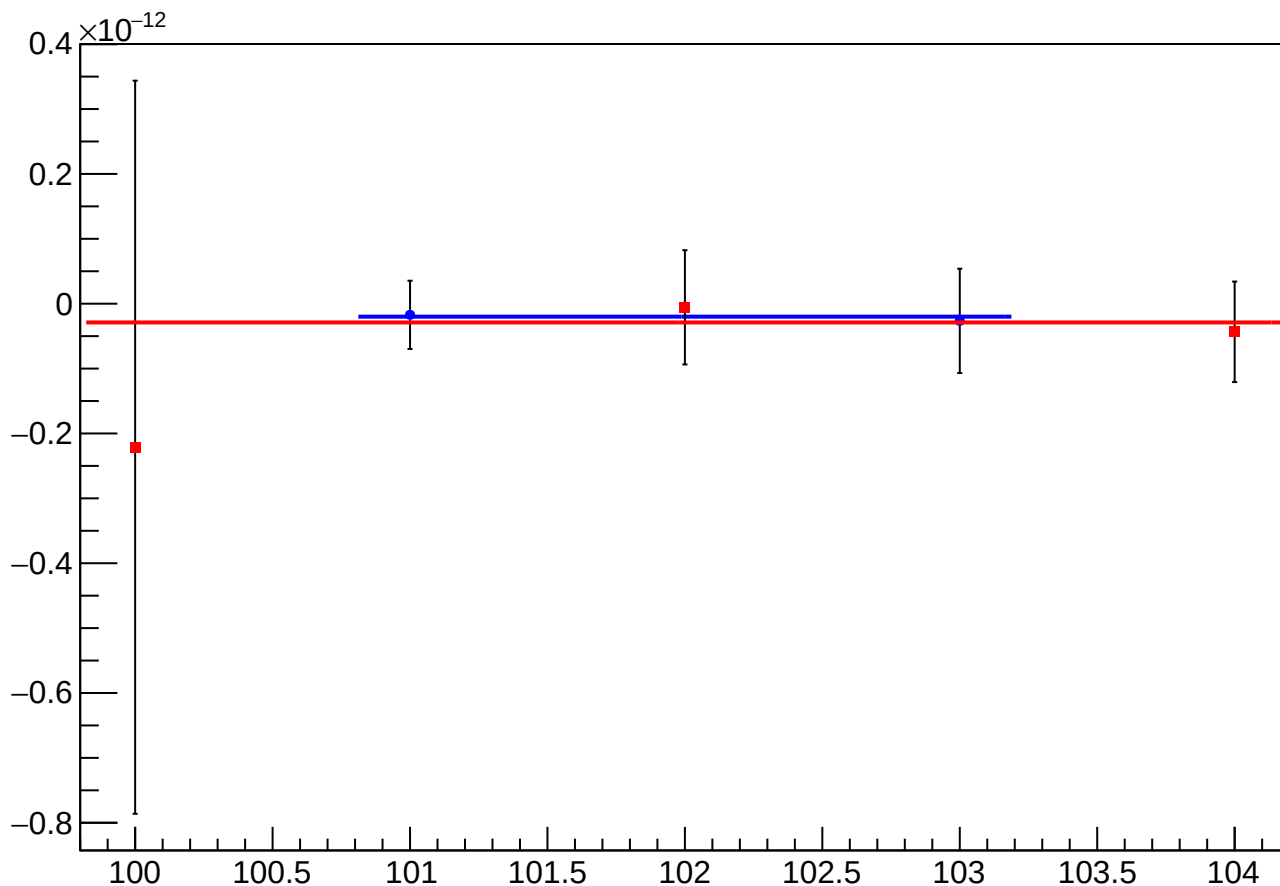
Right: 1023.493+/-0.459 χ^2/NDF : 20872.9/4

In: 1002.796+/-0.633 χ^2/NDF : 7259.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.493+/-0.459 χ^2/NDF : 20872.9/4

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 : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

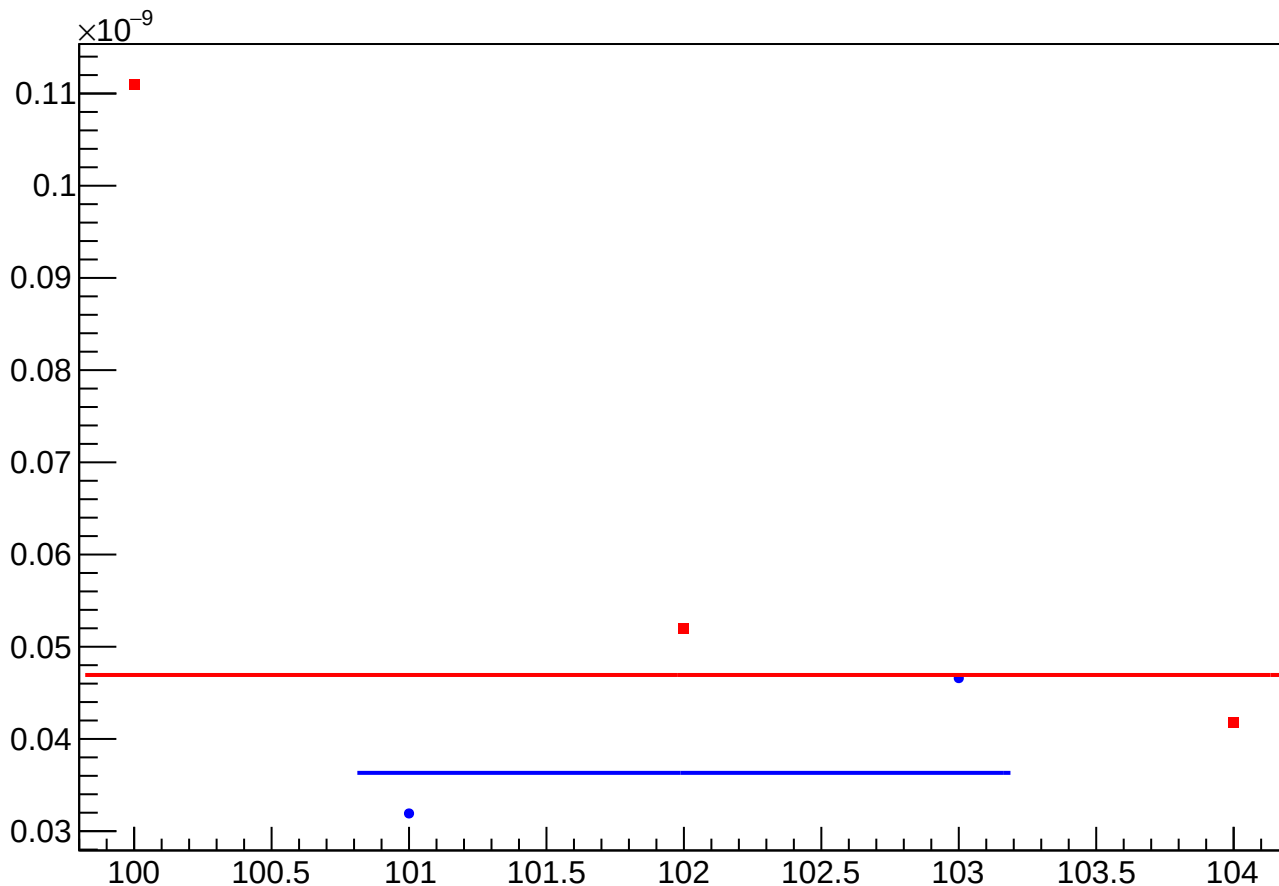
Right: -0.000+/-0.000 χ^2/NDF : 0.2/4

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 : 0.2/4

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 : 41036.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

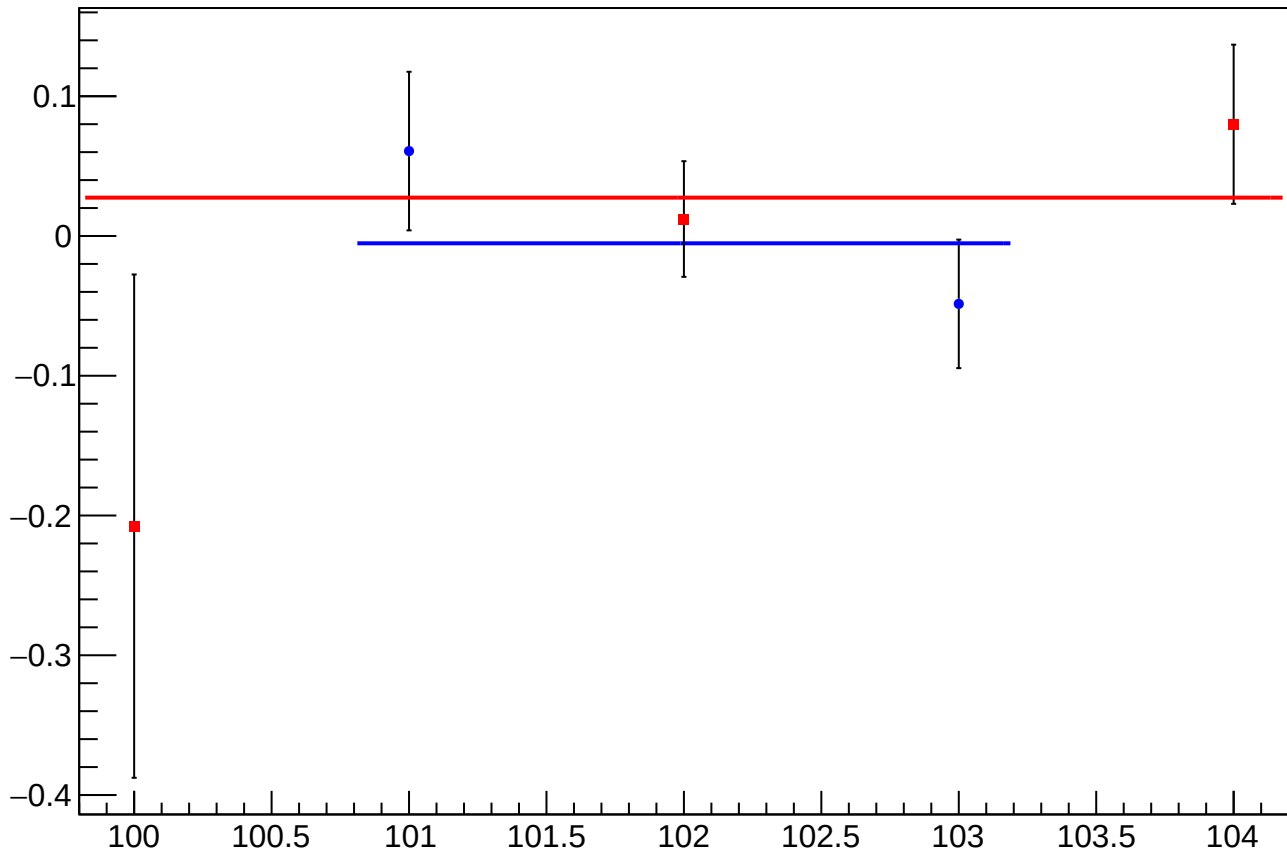
Right: 0.000+/-0.000 χ^2/NDF : 130440.6/4

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 : 130440.6/4

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: 0.027 $\pm$ 0.033 χ^2 /NDF: 2.7/2

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

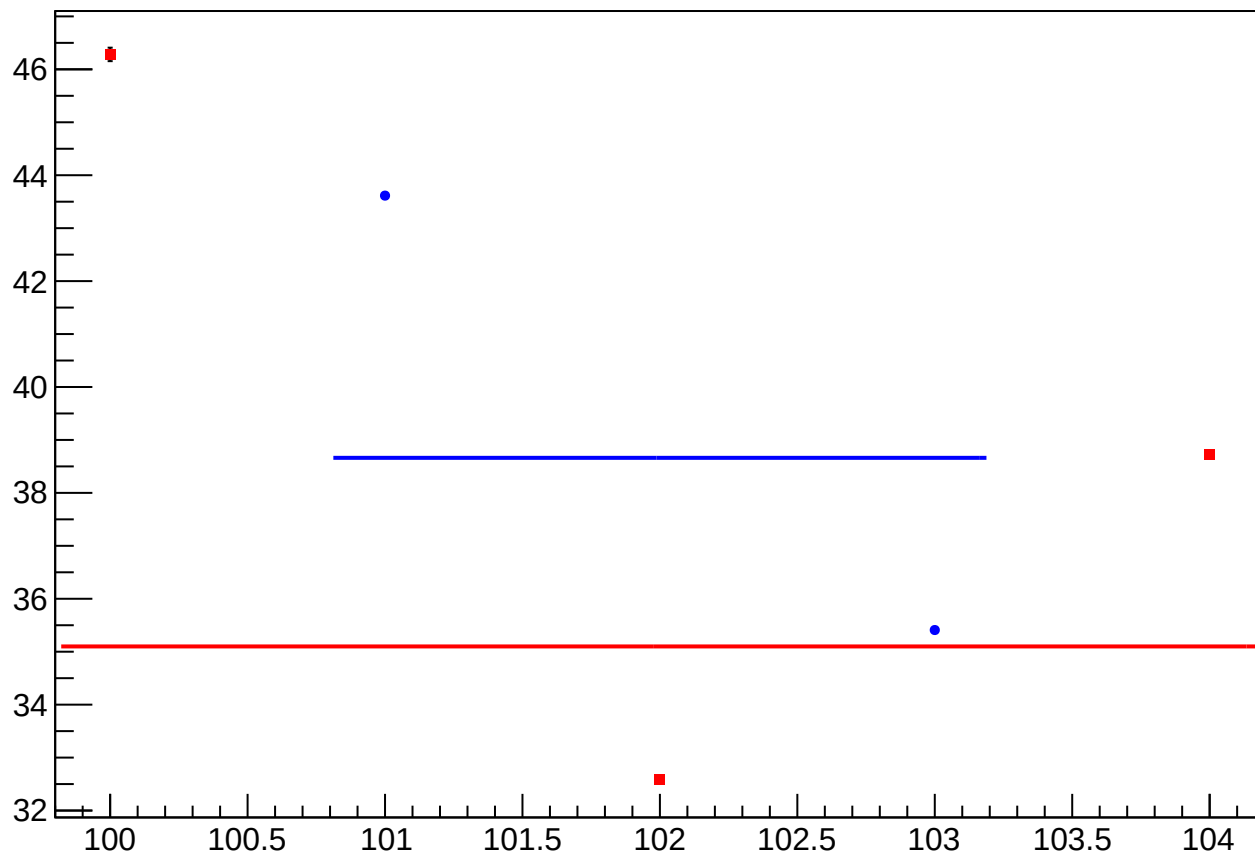
Right: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 35.100 $\pm$ 0.023 χ^2 /NDF: 23206.8/2

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

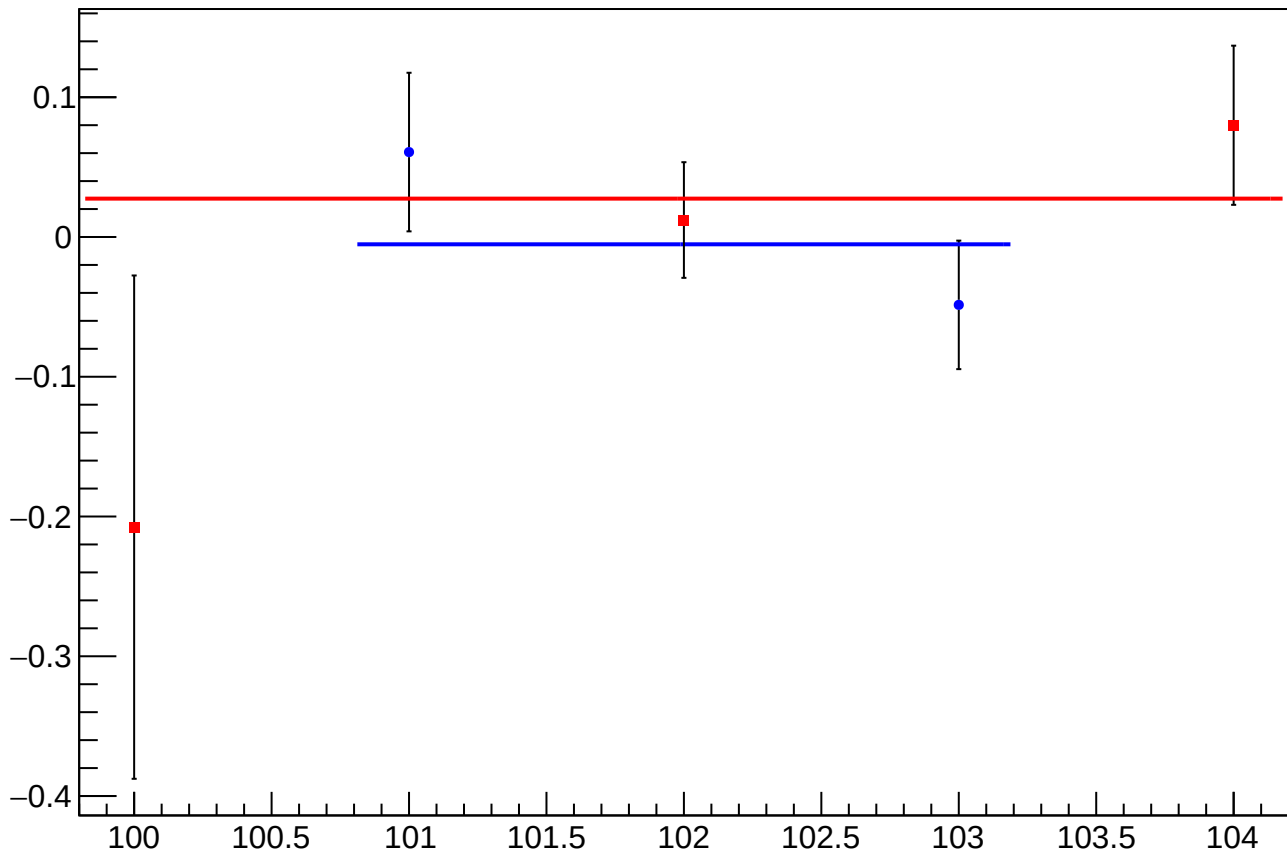
Right: 36.735 $\pm$ 0.017 χ^2 /NDF: 59216.1/4

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: 36.735 $\pm$ 0.017 χ^2 /NDF: 59216.1/4

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: 0.027 $\pm$ 0.033 χ^2 /NDF: 2.7/2

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

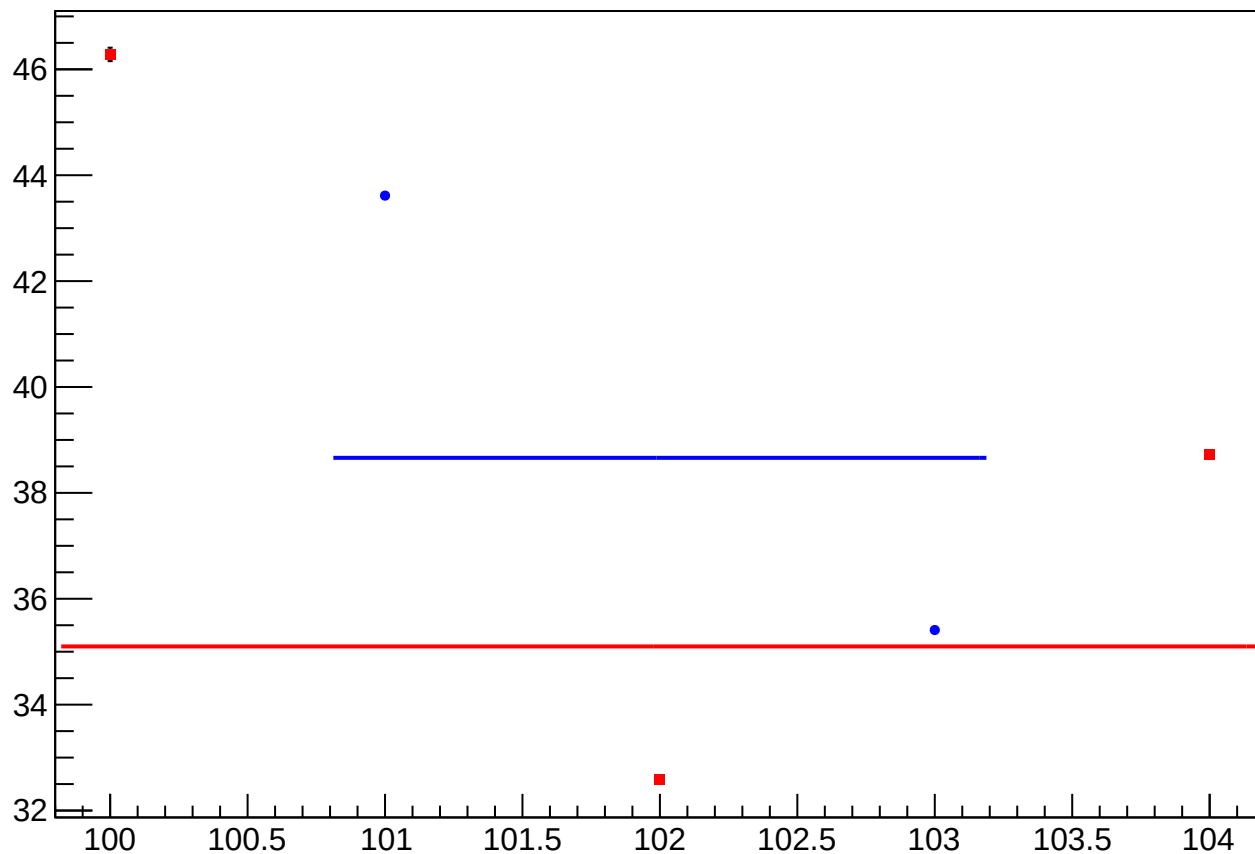
Right: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 35.100 $\pm$ 0.023 χ^2 /NDF: 23206.8/2

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

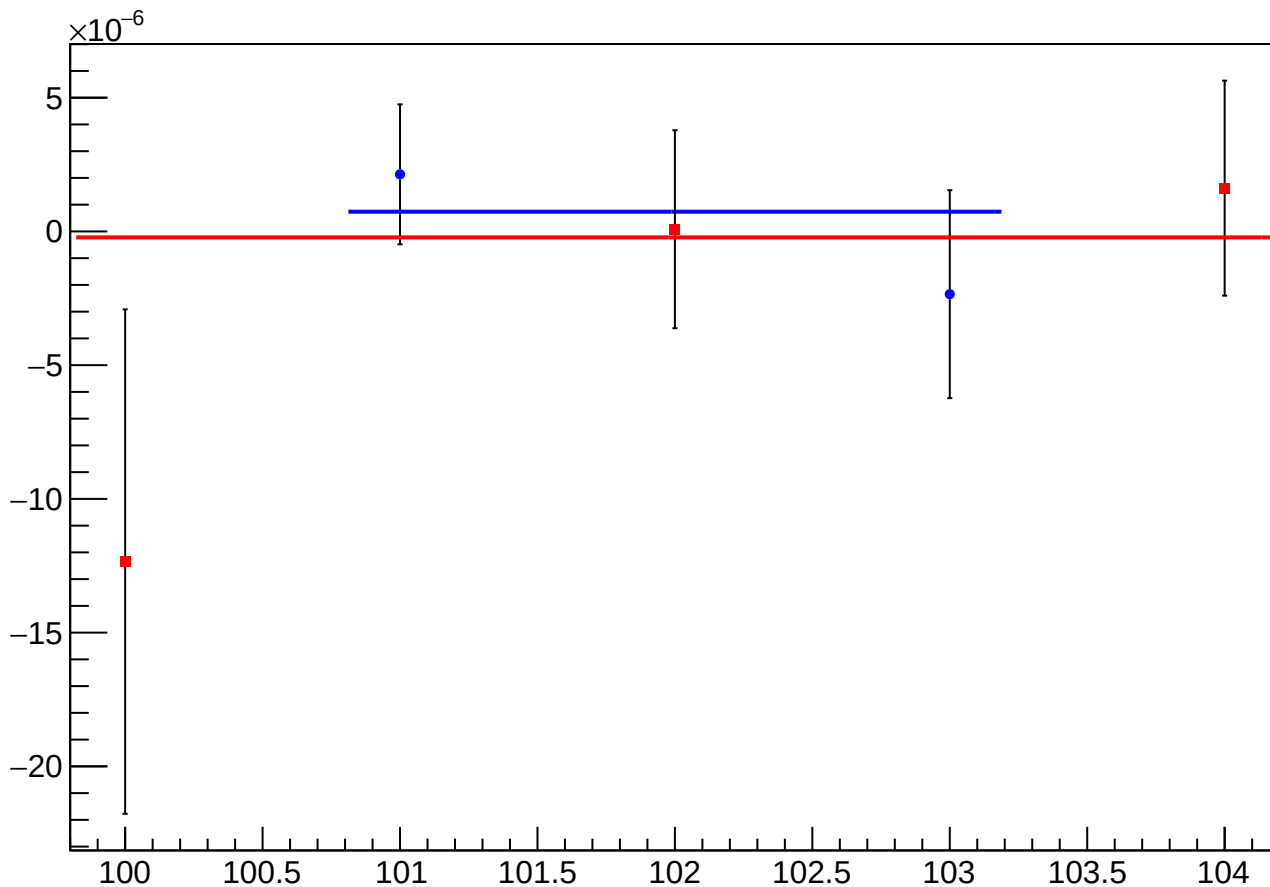
Right: 36.735 $\pm$ 0.017 χ^2 /NDF: 59216.1/4

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: 36.735 $\pm$ 0.017 χ^2 /NDF: 59216.1/4

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 : 1.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

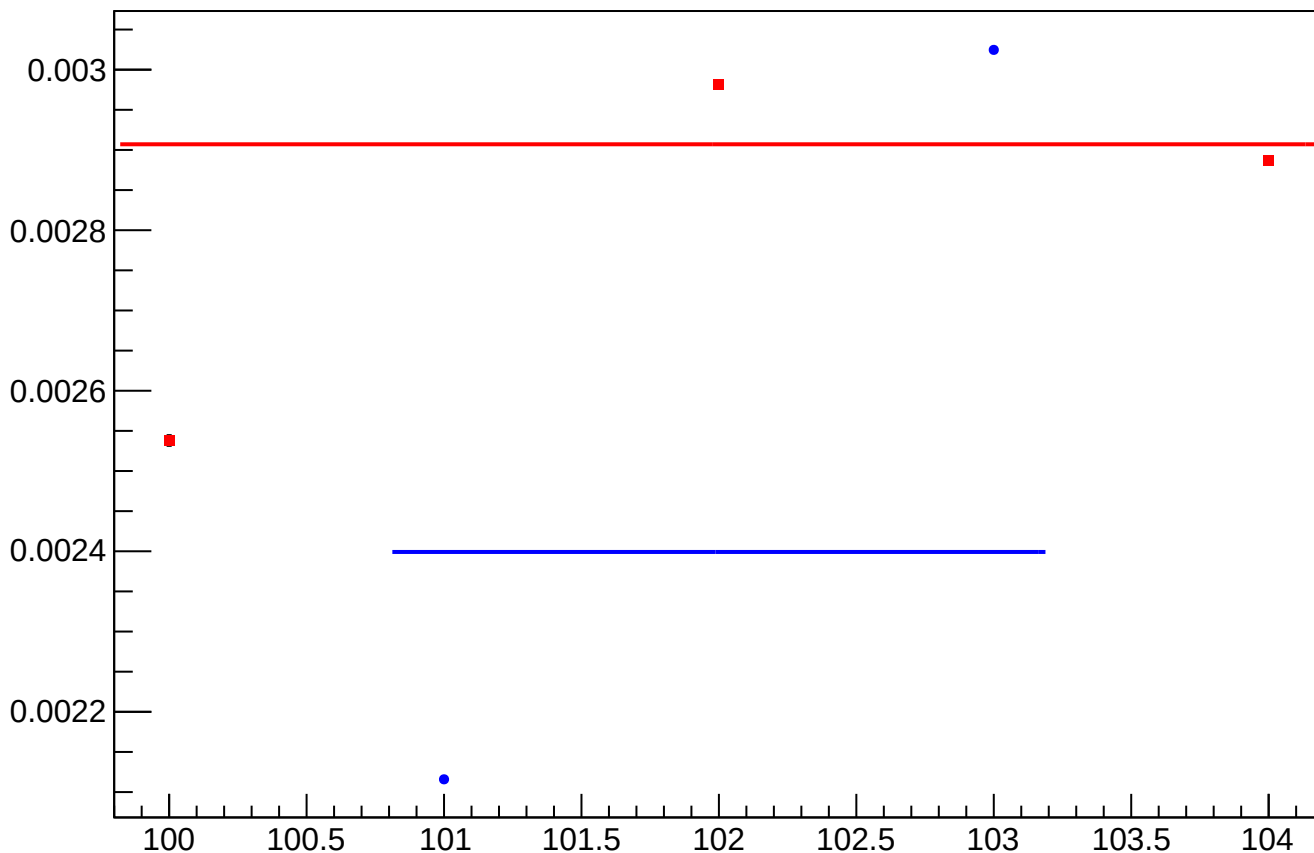
Right: 0.000+/-0.000 χ^2/NDF : 2.9/4

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 : 2.9/4

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: 0.003 $\pm$ 0.000 χ^2 /NDF: 3925.9/2

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

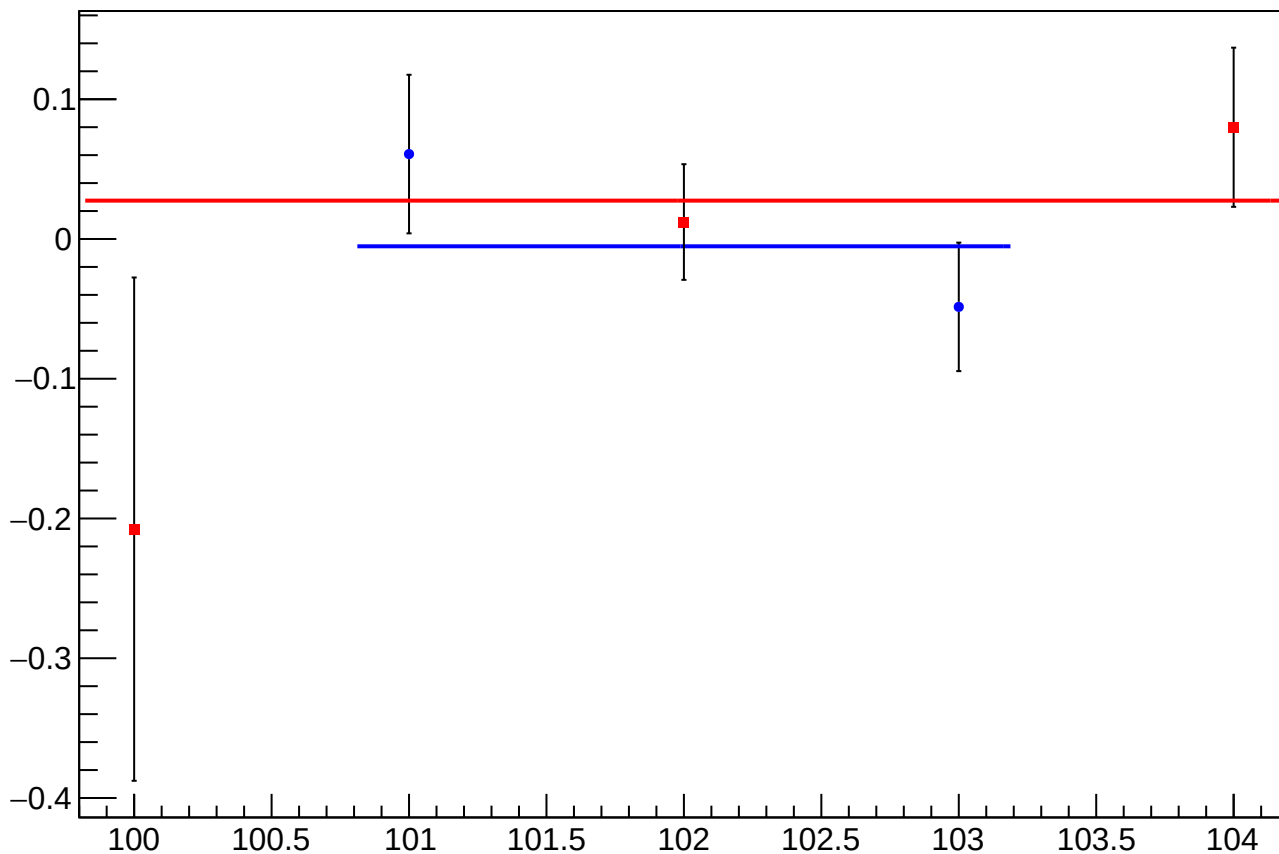
Right: 0.003 $\pm$ 0.000 χ^2 /NDF: 123801.6/4

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: 0.003 $\pm$ 0.000 χ^2 /NDF: 123801.6/4

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: 0.027 $\pm$ 0.033 χ^2 /NDF: 2.7/2

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

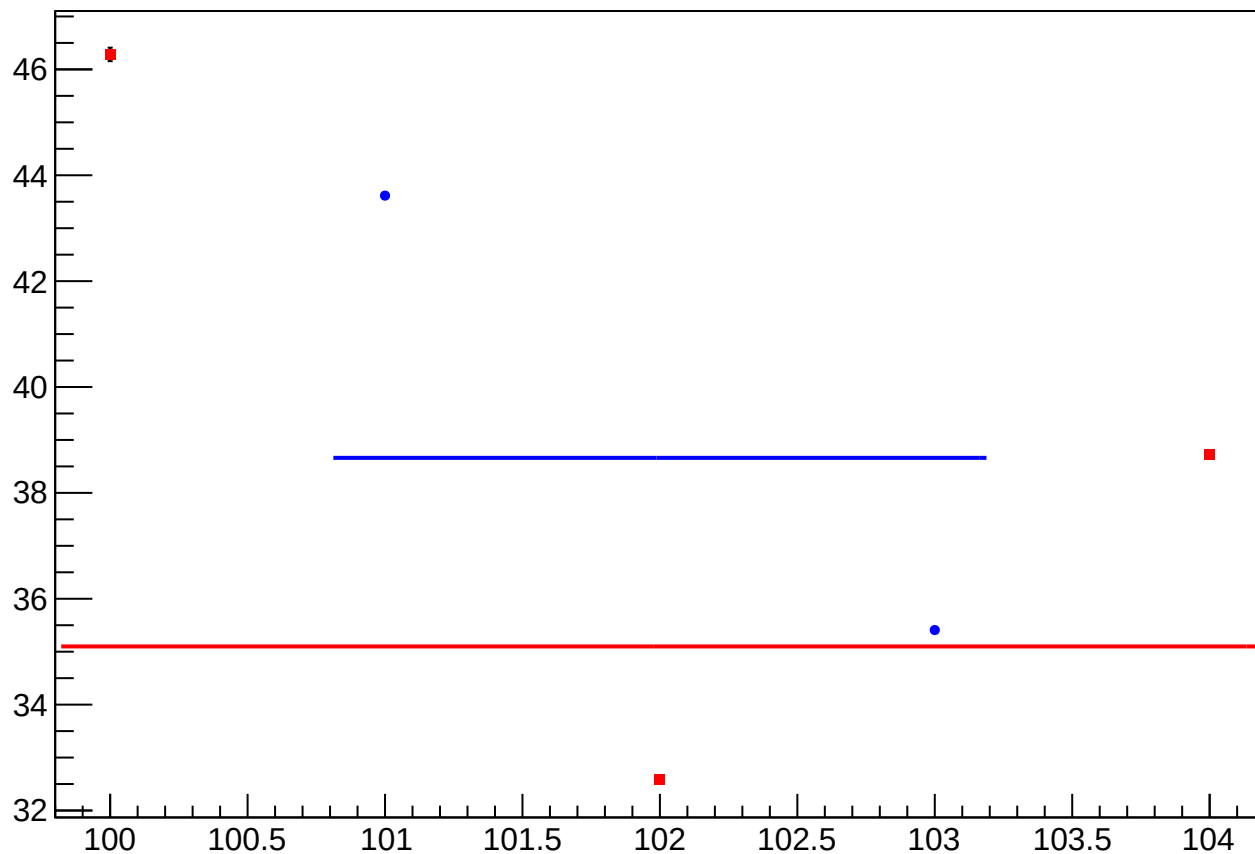
Right: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 35.099 $\pm$ 0.023 χ^2 /NDF: 23214.4/2

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

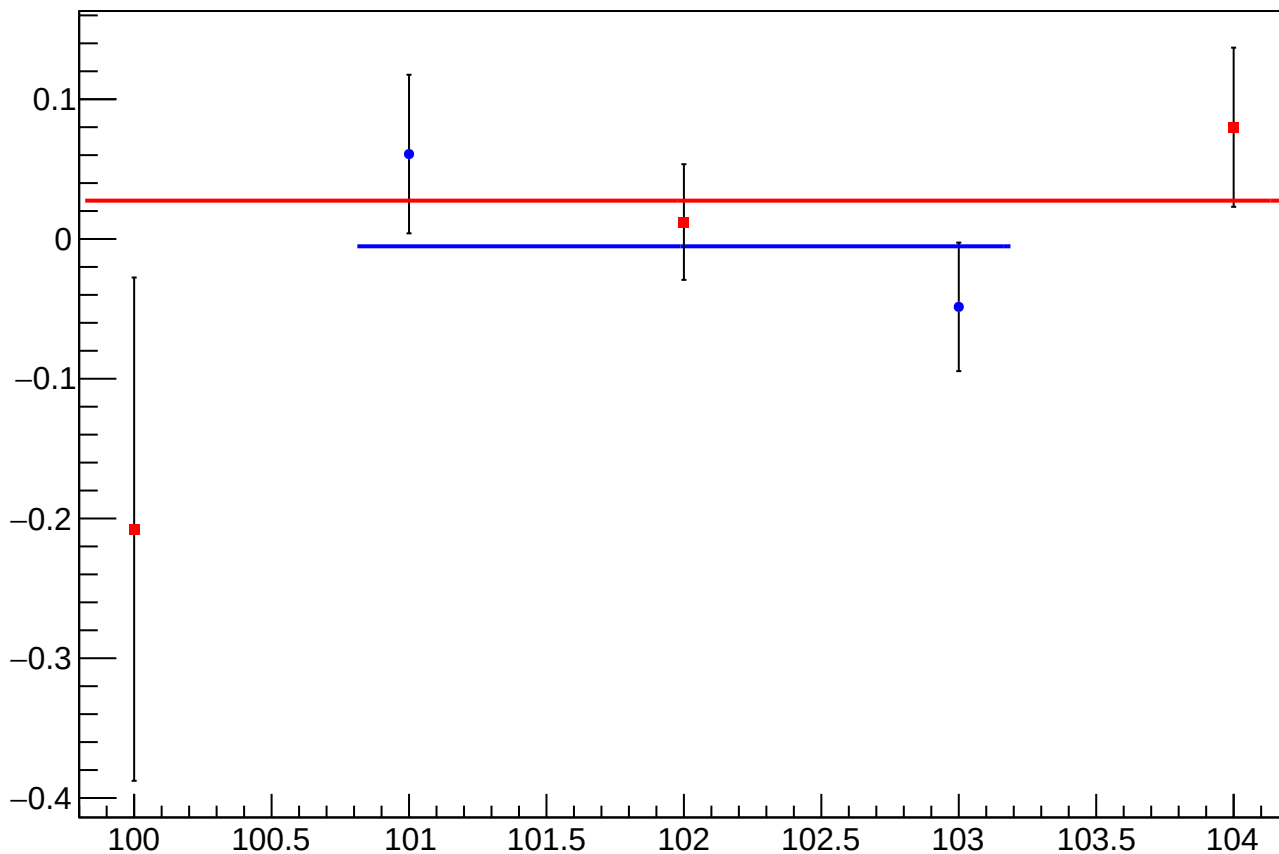
Right: 36.735 $\pm$ 0.017 χ^2 /NDF: 59232.7/4

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: 36.735 $\pm$ 0.017 χ^2 /NDF: 59232.7/4

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: 0.027 $\pm$ 0.033 χ^2 /NDF: 2.7/2

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

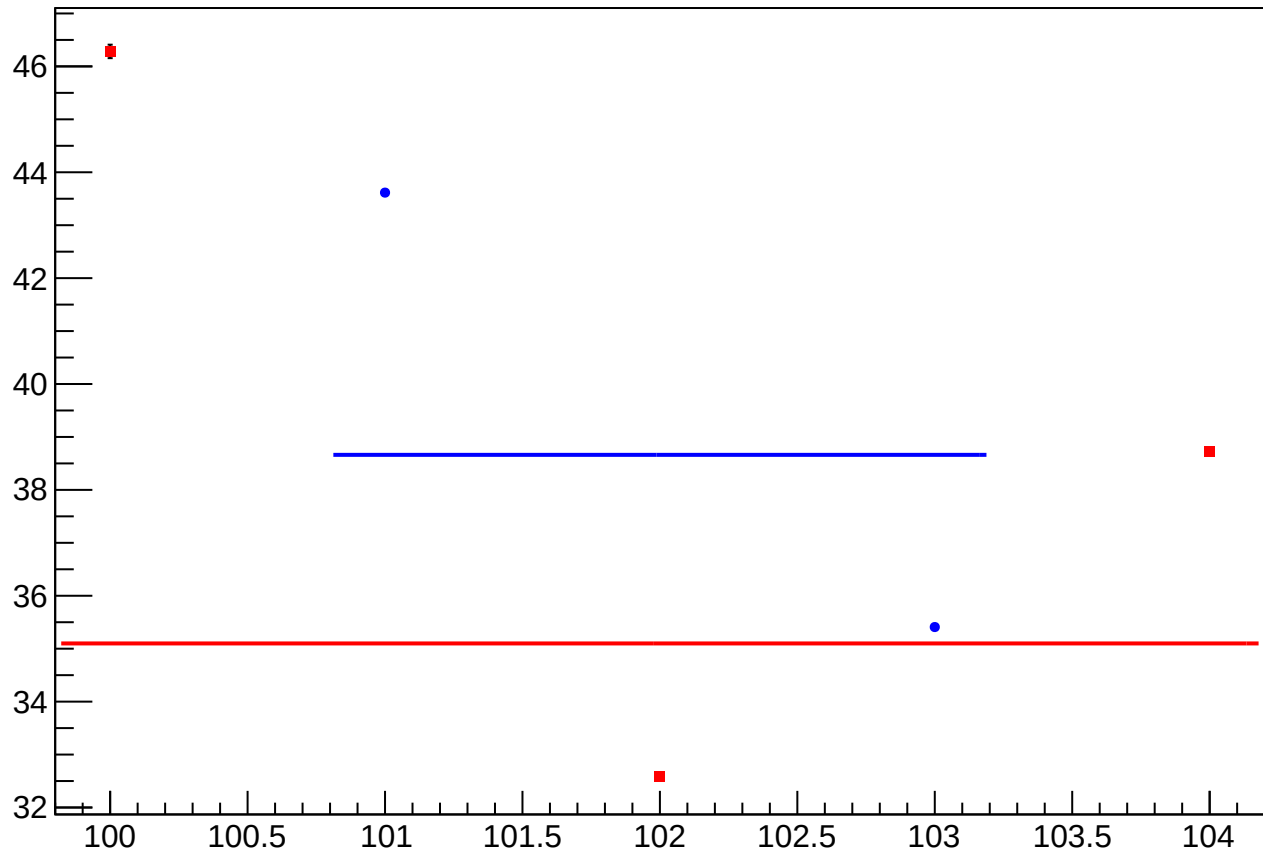
Right: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 0.012 $\pm$ 0.024 χ^2 /NDF: 5.4/4

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: 35.099 $\pm$ 0.023 χ^2 /NDF: 23214.4/2

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

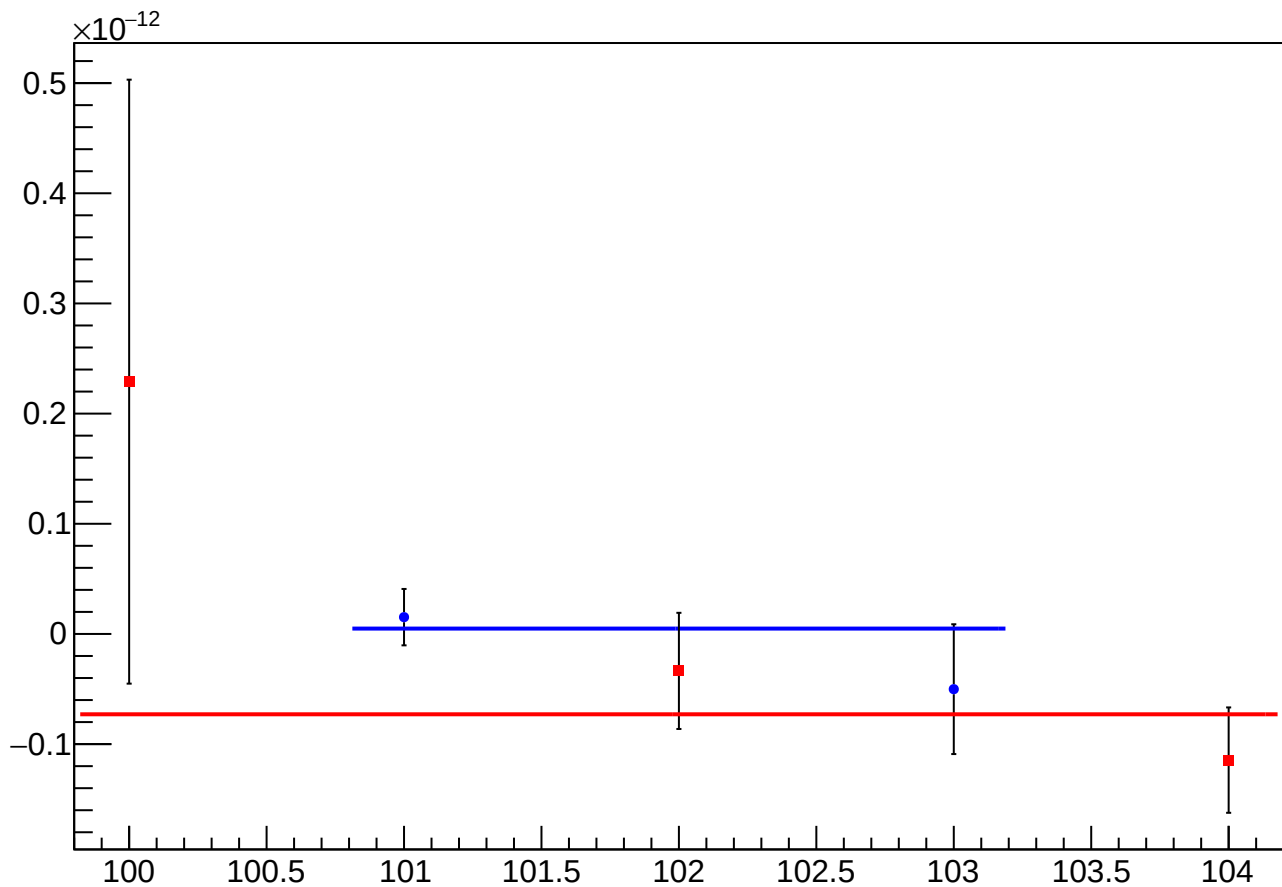
Right: 36.735 $\pm$ 0.017 χ^2 /NDF: 59232.7/4

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: 36.735 $\pm$ 0.017 χ^2 /NDF: 59232.7/4

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

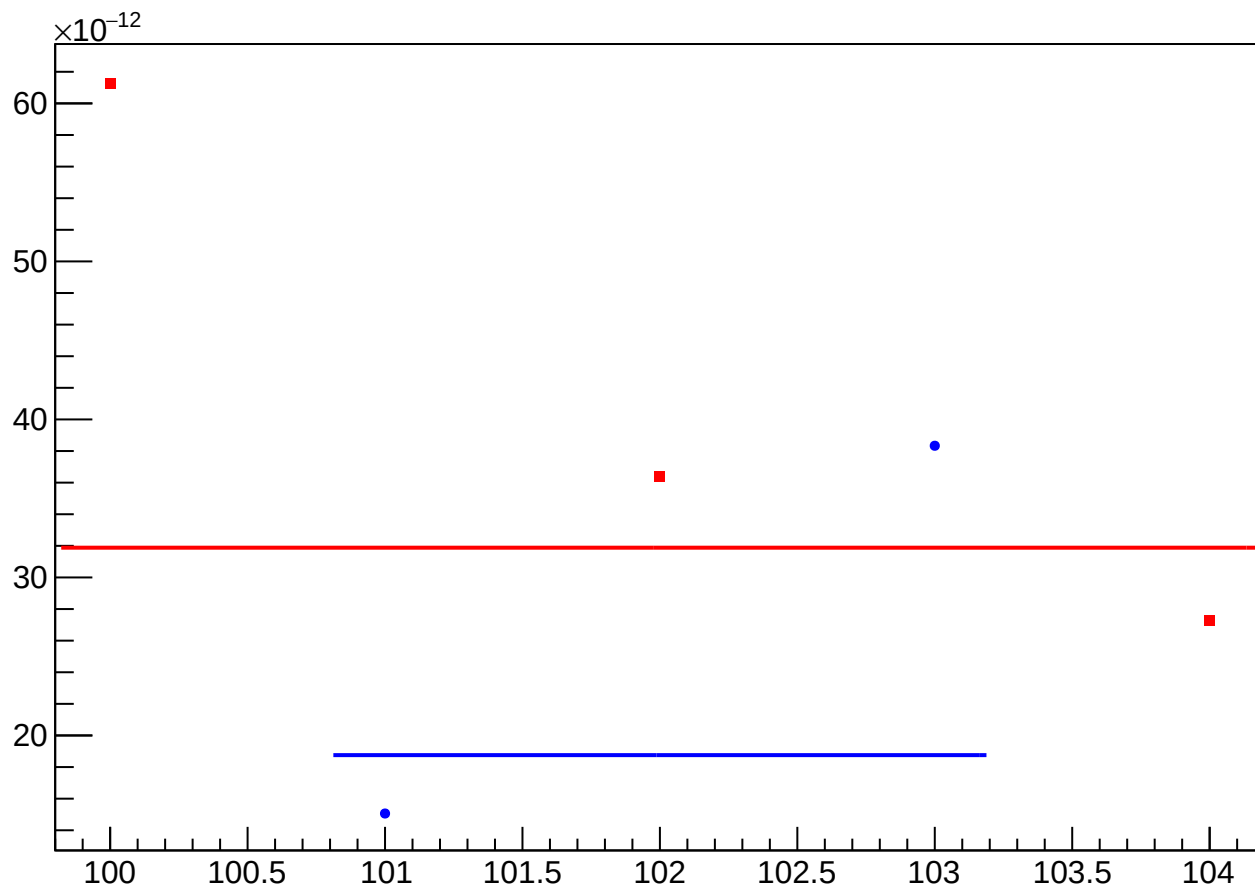
Right: -0.000+/-0.000 χ^2/NDF : 7.0/4

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 : 7.0/4

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 : 55940.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

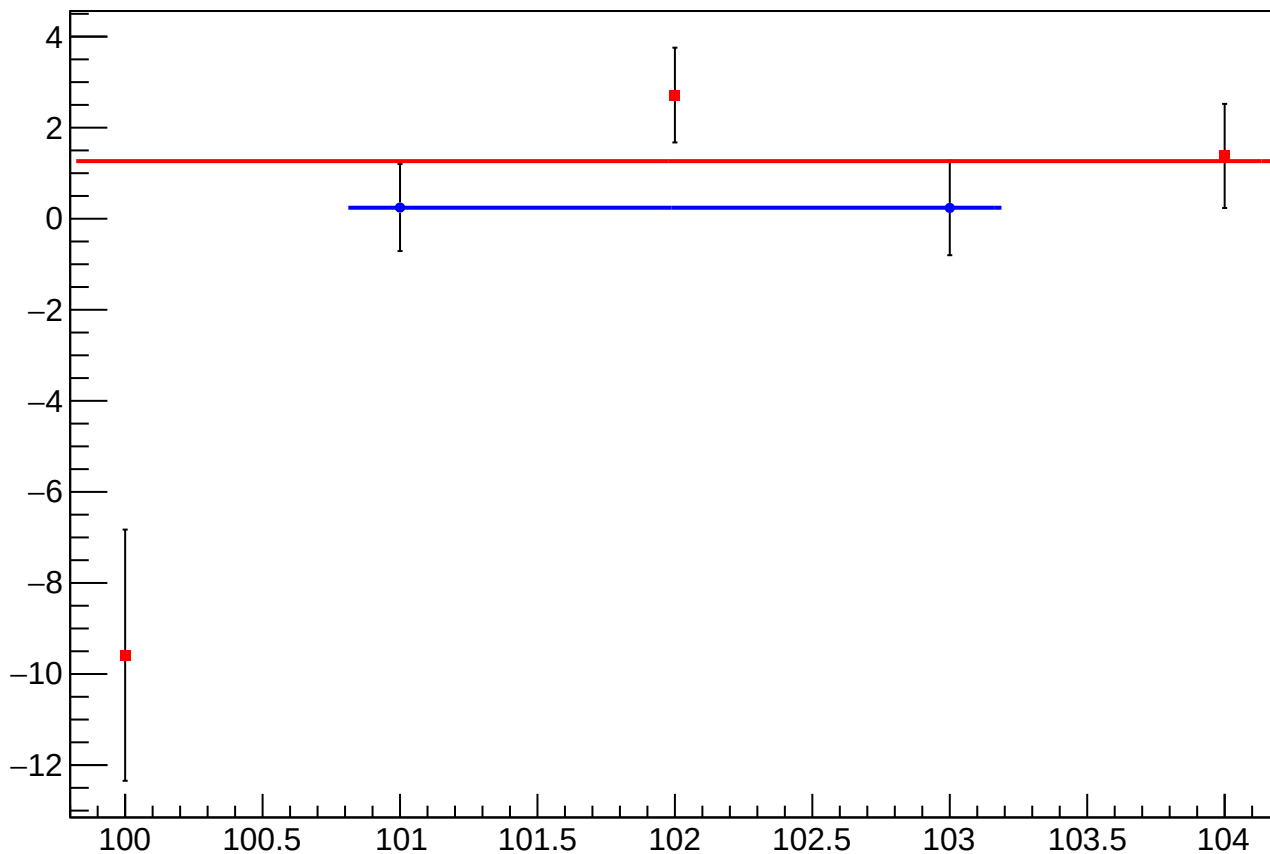
Right: 0.000+/-0.000 χ^2/NDF : 511654.7/4

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 : 511654.7/4

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: 1.265+/-0.741 χ^2/NDF : 17.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

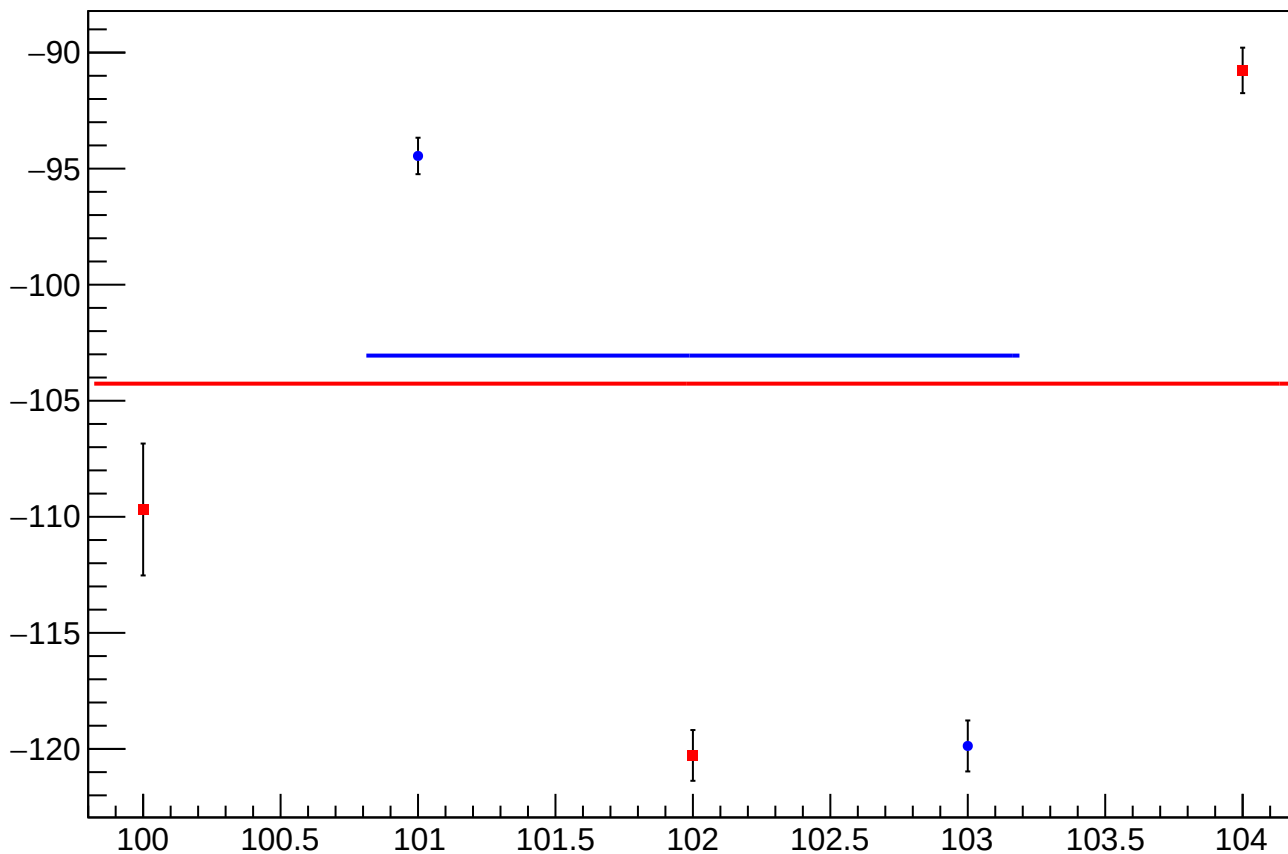
Right: 0.726+/-0.510 χ^2/NDF : 18.4/4

In: 0.241+/-0.703 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.726+/-0.510 χ^2/NDF : 18.4/4

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -103.054 $\pm$ 0.639 χ^2 /NDF: 354.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -104.264 $\pm$ 0.707 χ^2 /NDF: 408.1/2

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

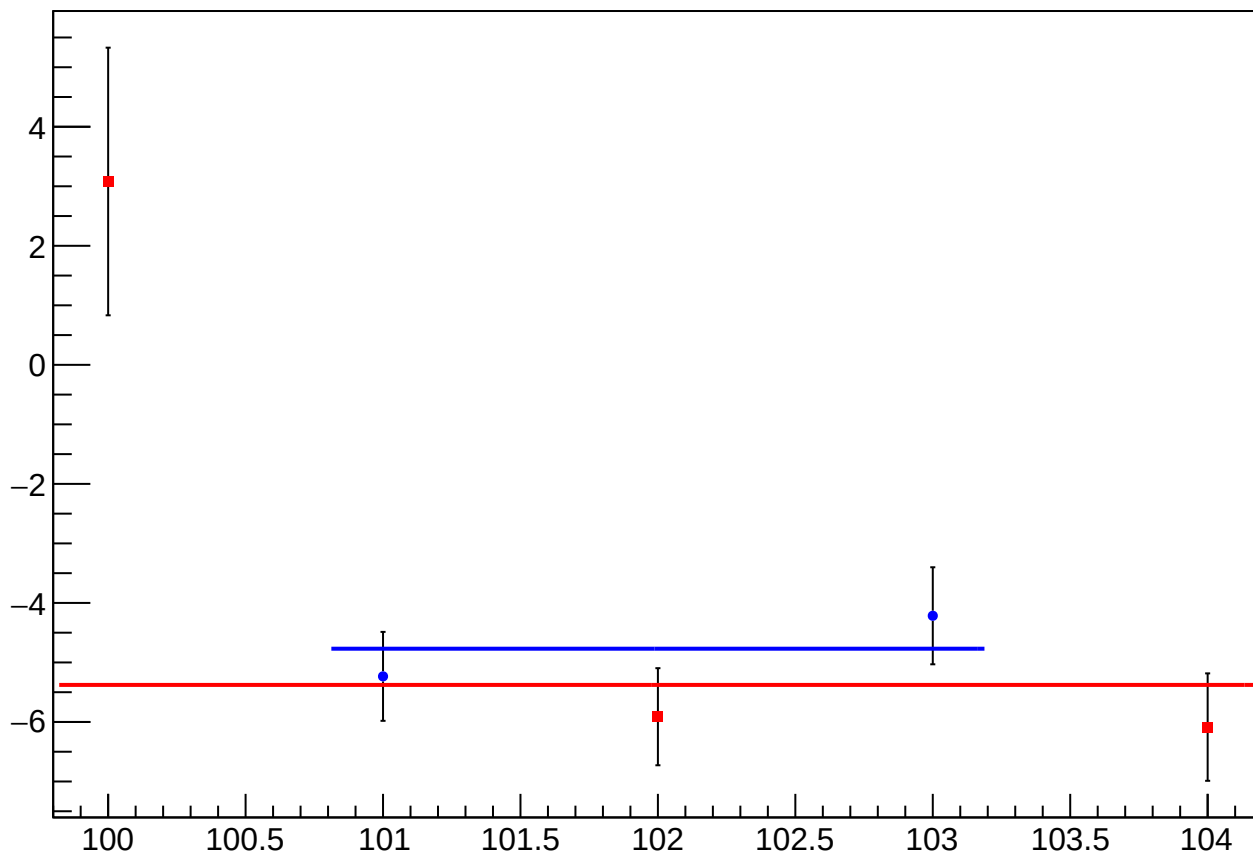
Right: -103.598 $\pm$ 0.474 χ^2 /NDF: 764.3/4

In: -103.054 $\pm$ 0.639 χ^2 /NDF: 354.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -103.598 $\pm$ 0.474 χ^2 /NDF: 764.3/4

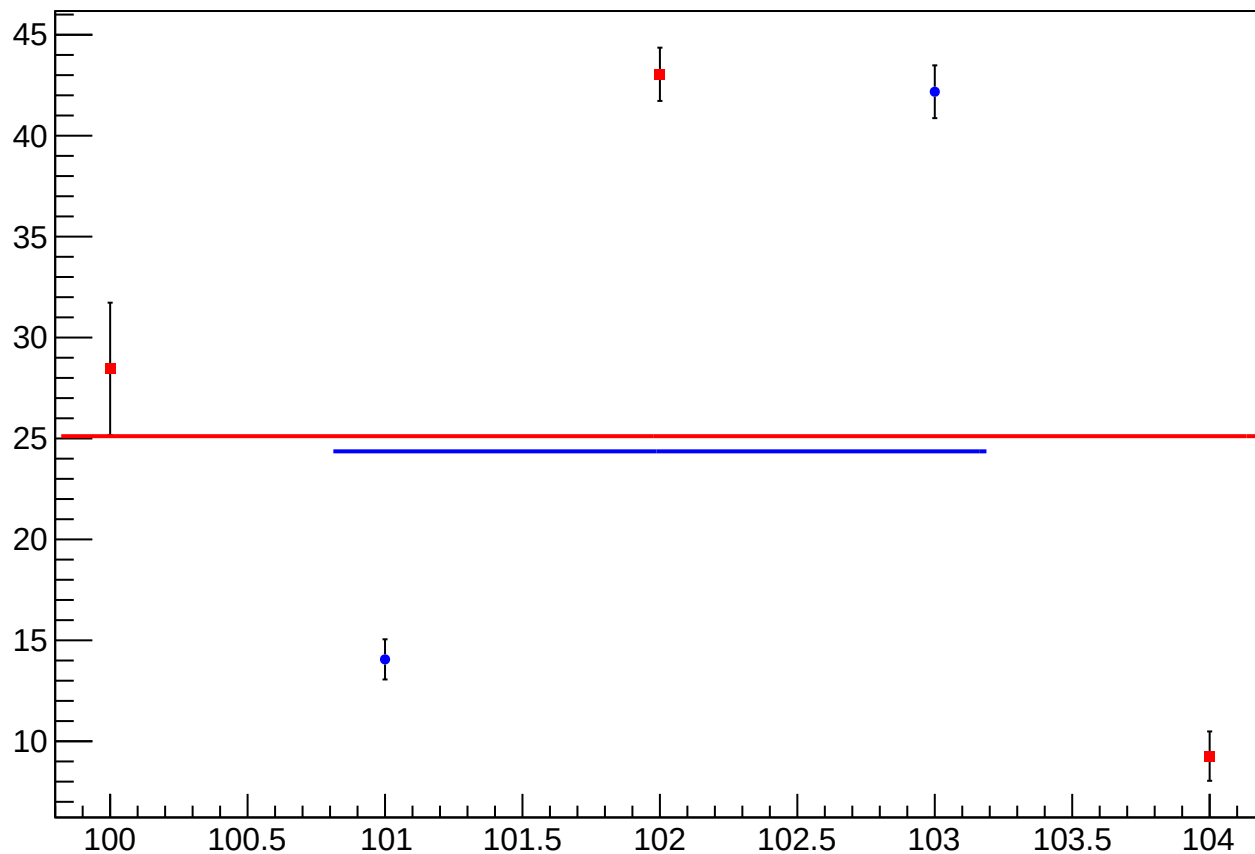
reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



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: -5.377+/-0.584 χ^2/NDF : 15.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -5.055+/-0.401 χ^2/NDF : 16.6/4
 In: -4.769+/-0.551 χ^2/NDF : 0.8/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -5.055+/-0.401 χ^2/NDF : 16.6/4

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 24.363 $\pm$ 0.792 χ^2 /NDF: 292.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.114 $\pm$ 0.865 χ^2 /NDF: 353.8/2

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

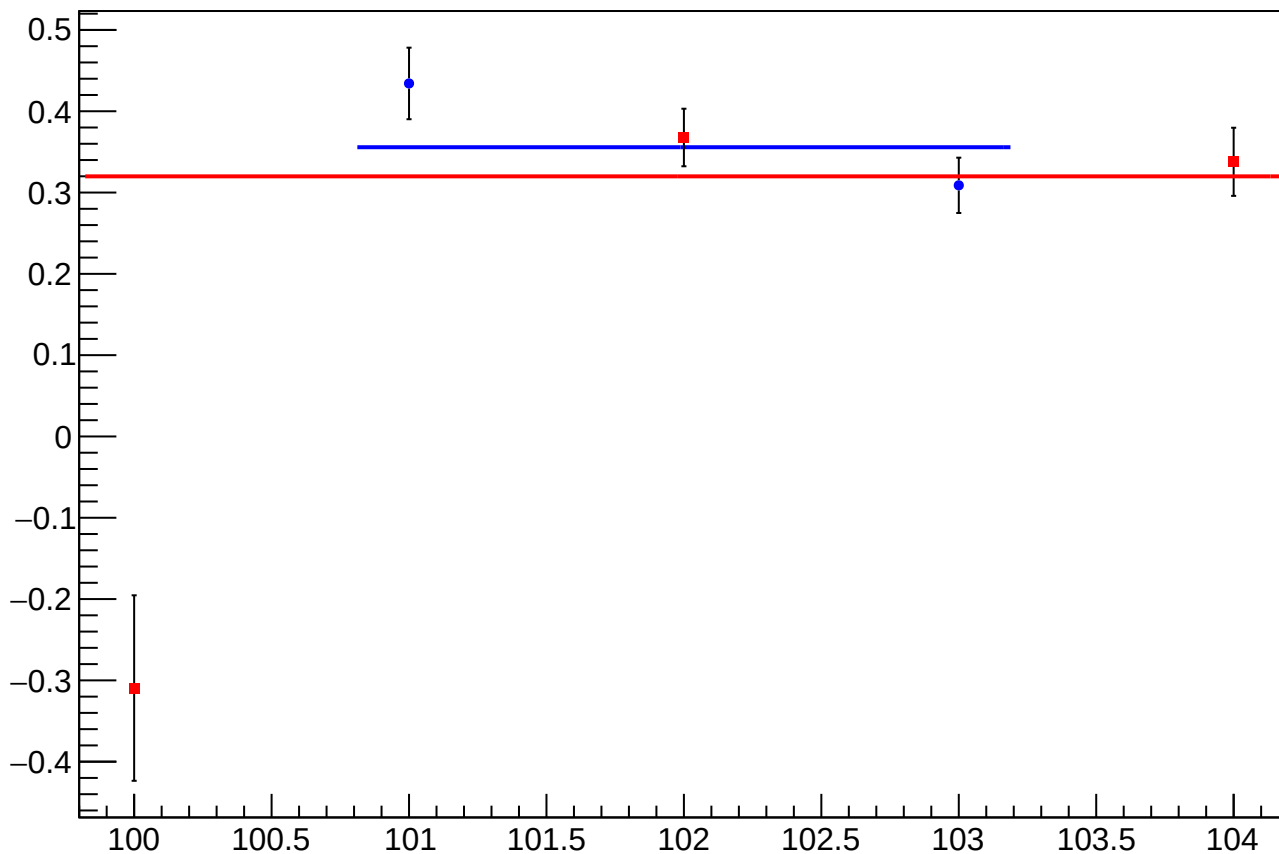
Right: 24.705 $\pm$ 0.584 χ^2 /NDF: 647.1/4

In: 24.363 $\pm$ 0.792 χ^2 /NDF: 292.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.705 $\pm$ 0.584 χ^2 /NDF: 647.1/4

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: 0.320+/-0.026 χ^2/NDF : 32.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

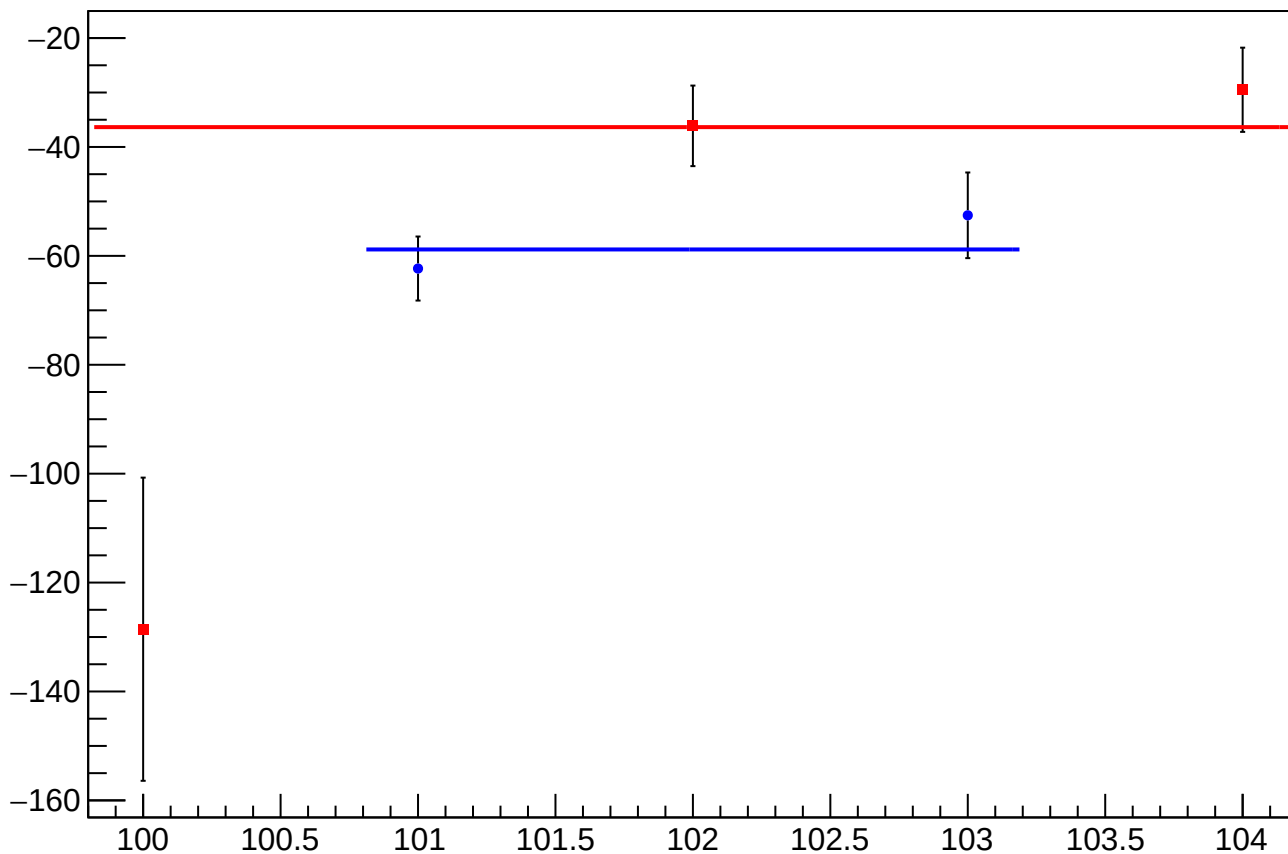
Right: 0.337+/-0.019 χ^2/NDF : 38.4/4

In: 0.356+/-0.027 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.337+/-0.019 χ^2/NDF : 38.4/4

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.822+/-4.709 χ^2/NDF : 1.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.356+/-5.249 χ^2/NDF : 11.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

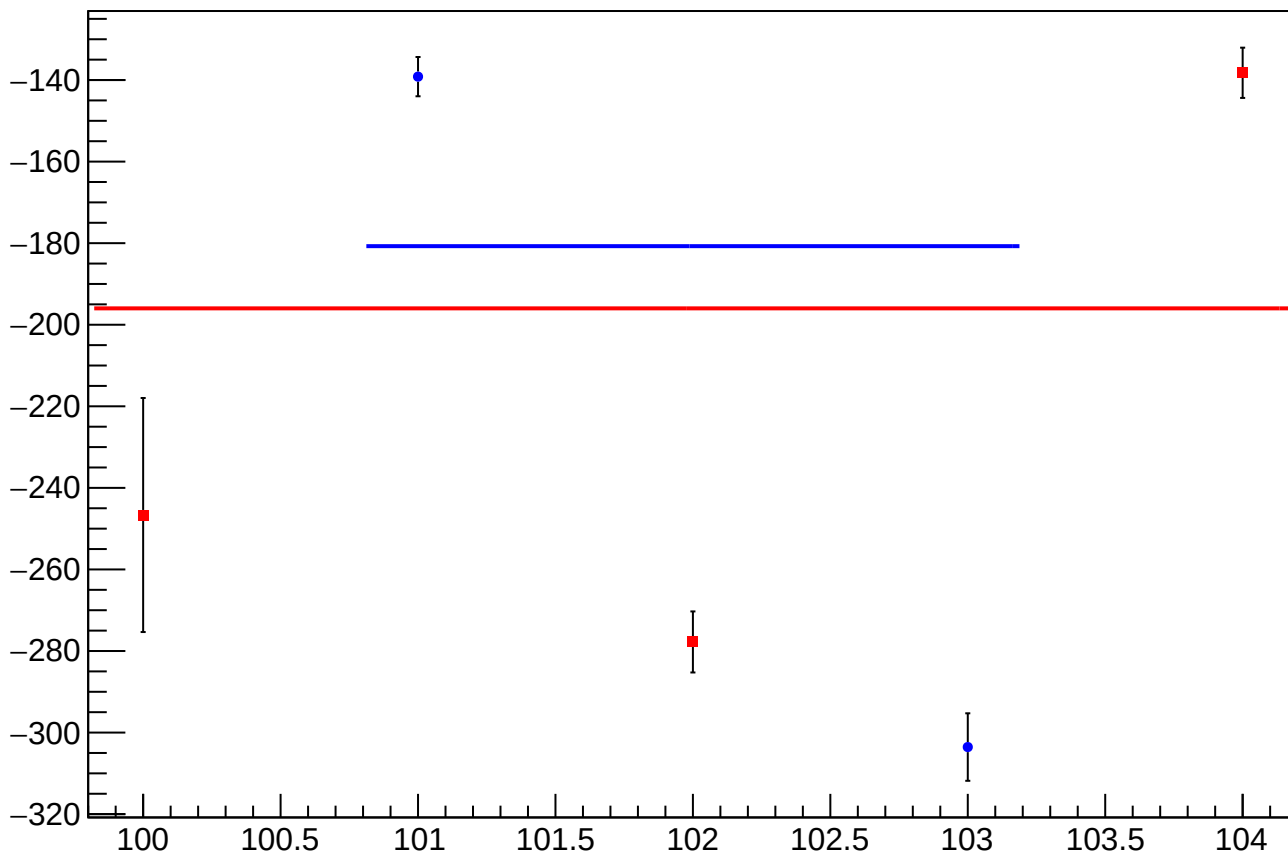
Right: -48.805+/-3.505 χ^2/NDF : 22.9/4

In: -58.822+/-4.709 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.805+/-3.505 χ^2/NDF : 22.9/4

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: -195.986+/-4.693 χ^2/NDF : 210.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

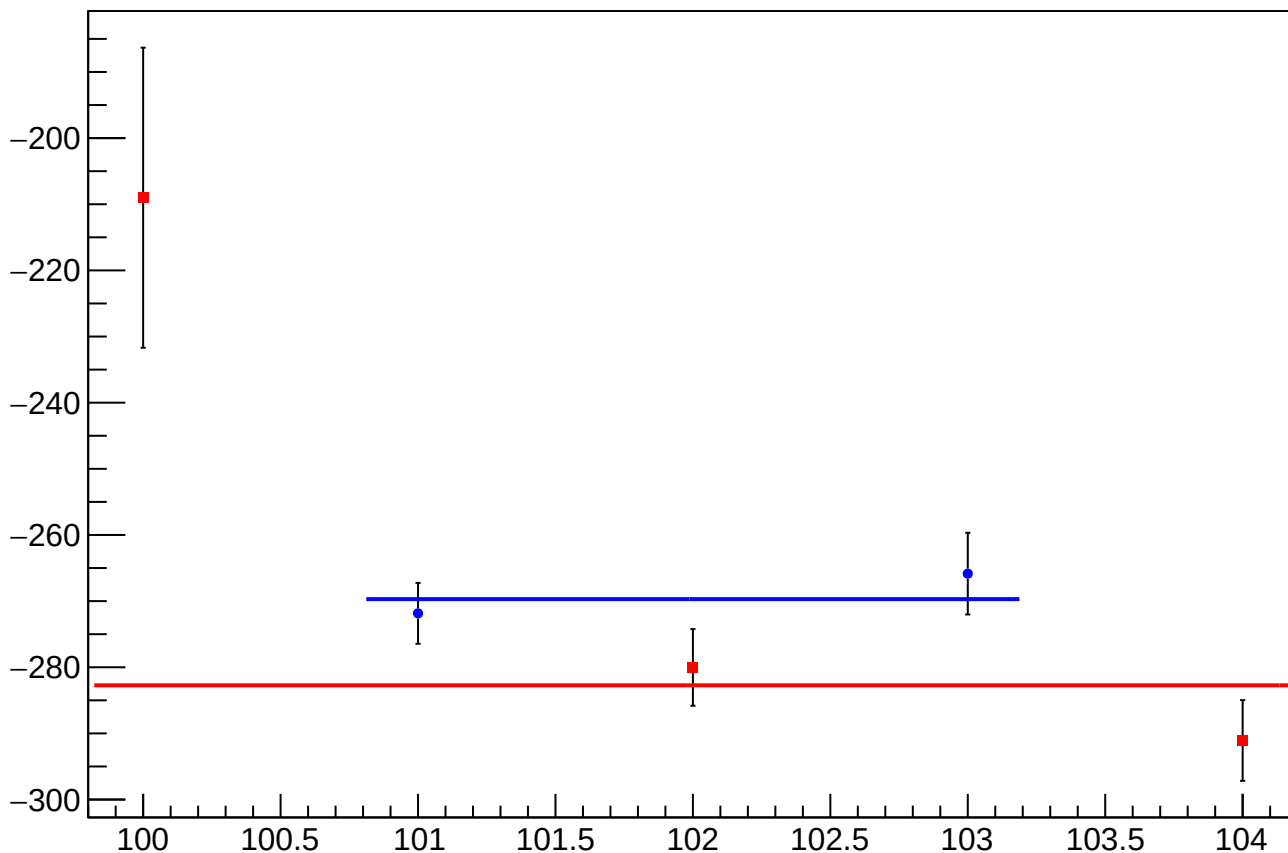
Right: -187.447+/-3.113 χ^2/NDF : 511.2/4

In: -180.733+/-4.161 χ^2/NDF : 294.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -187.447+/-3.113 χ^2/NDF : 511.2/4

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: -282.733 $\pm$ 4.131 χ^2 /NDF: 12.6/2

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

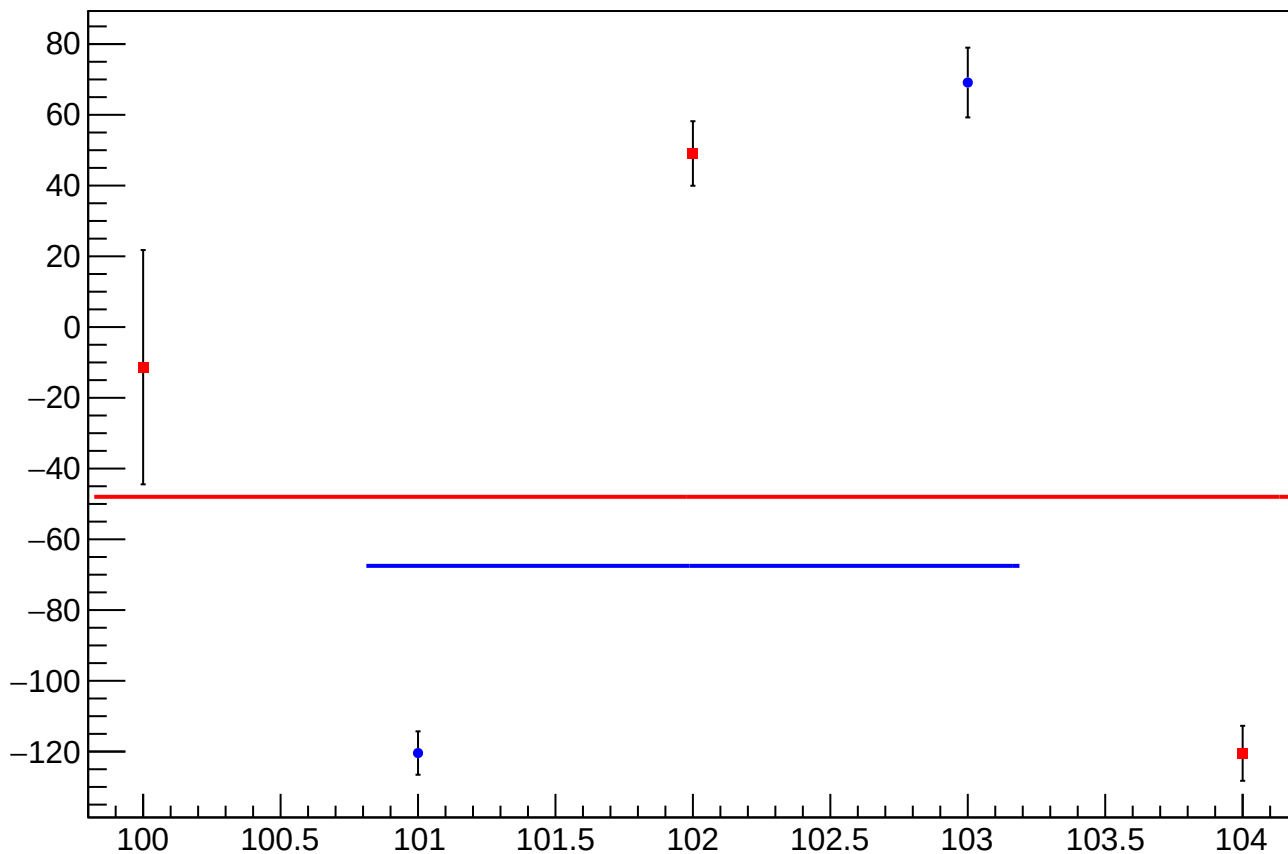
Right: -275.486 $\pm$ 2.752 χ^2 /NDF: 18.8/4

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: -275.486 $\pm$ 2.752 χ^2 /NDF: 18.8/4

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: -47.983+/-5.824 χ^2/NDF : 201.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

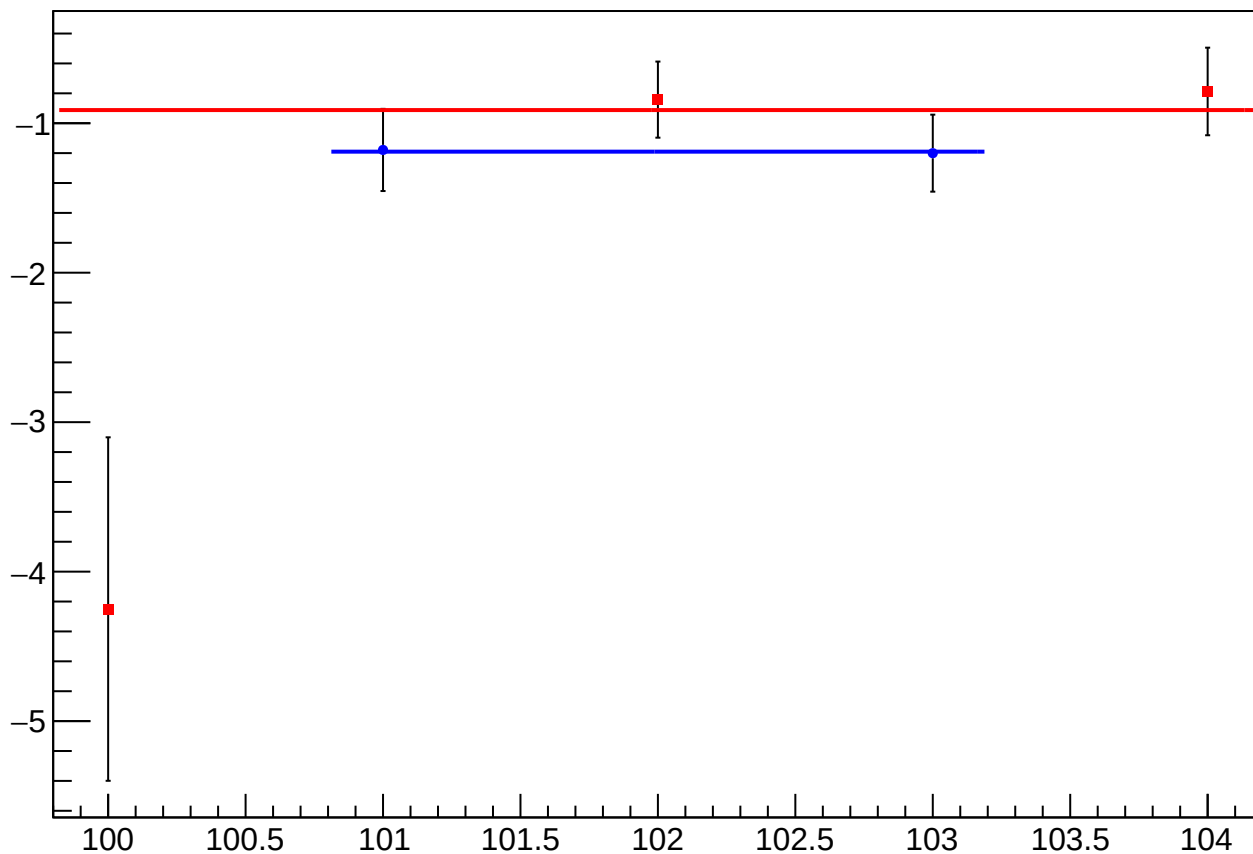
Right: -58.830+/-3.882 χ^2/NDF : 474.2/4

In: -67.504+/-5.208 χ^2/NDF : 266.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.830+/-3.882 χ^2/NDF : 474.2/4

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.190 $\pm$ 0.188 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.912 $\pm$ 0.190 χ^2 /NDF: 8.7/2

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

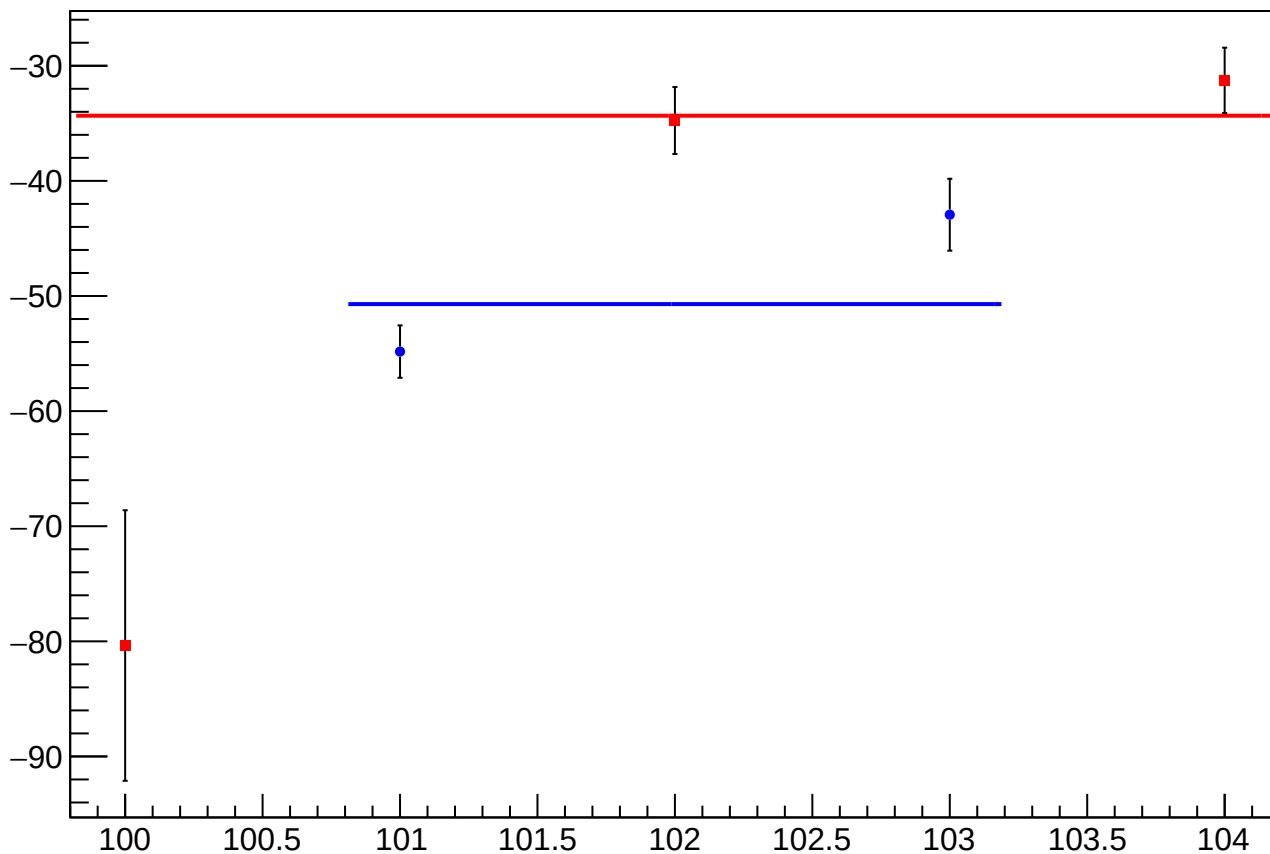
Right: -1.052 $\pm$ 0.133 χ^2 /NDF: 9.8/4

In: -1.190 $\pm$ 0.188 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.052 $\pm$ 0.133 χ^2 /NDF: 9.8/4

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: -34.338 $\pm$ 2.000 χ^2 /NDF: 16.5/2

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

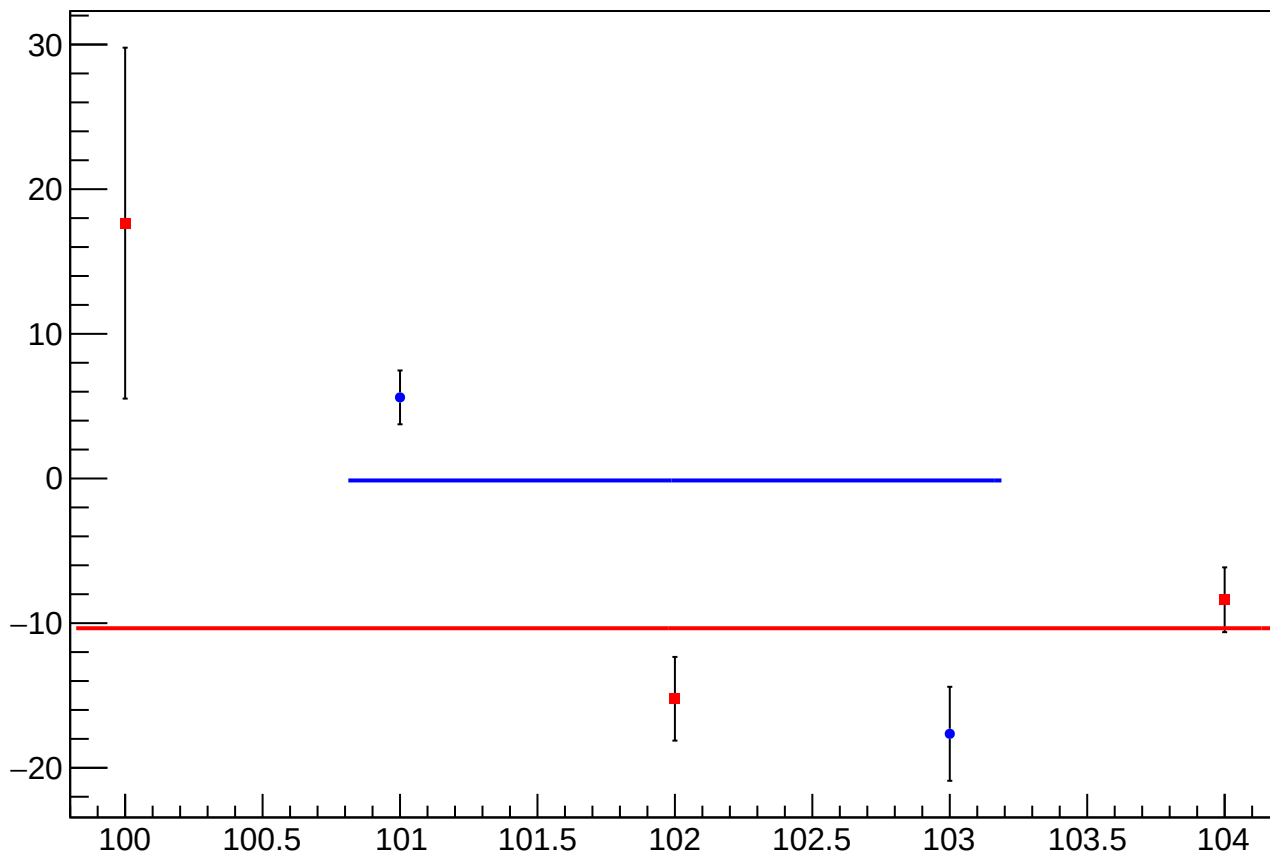
Right: -43.201 $\pm$ 1.354 χ^2 /NDF: 62.3/4

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: -43.201 $\pm$ 1.354 χ^2 /NDF: 62.3/4

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.135 ± 1.614 χ^2/NDF : 38.6/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.351 ± 1.752 χ^2/NDF : 8.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

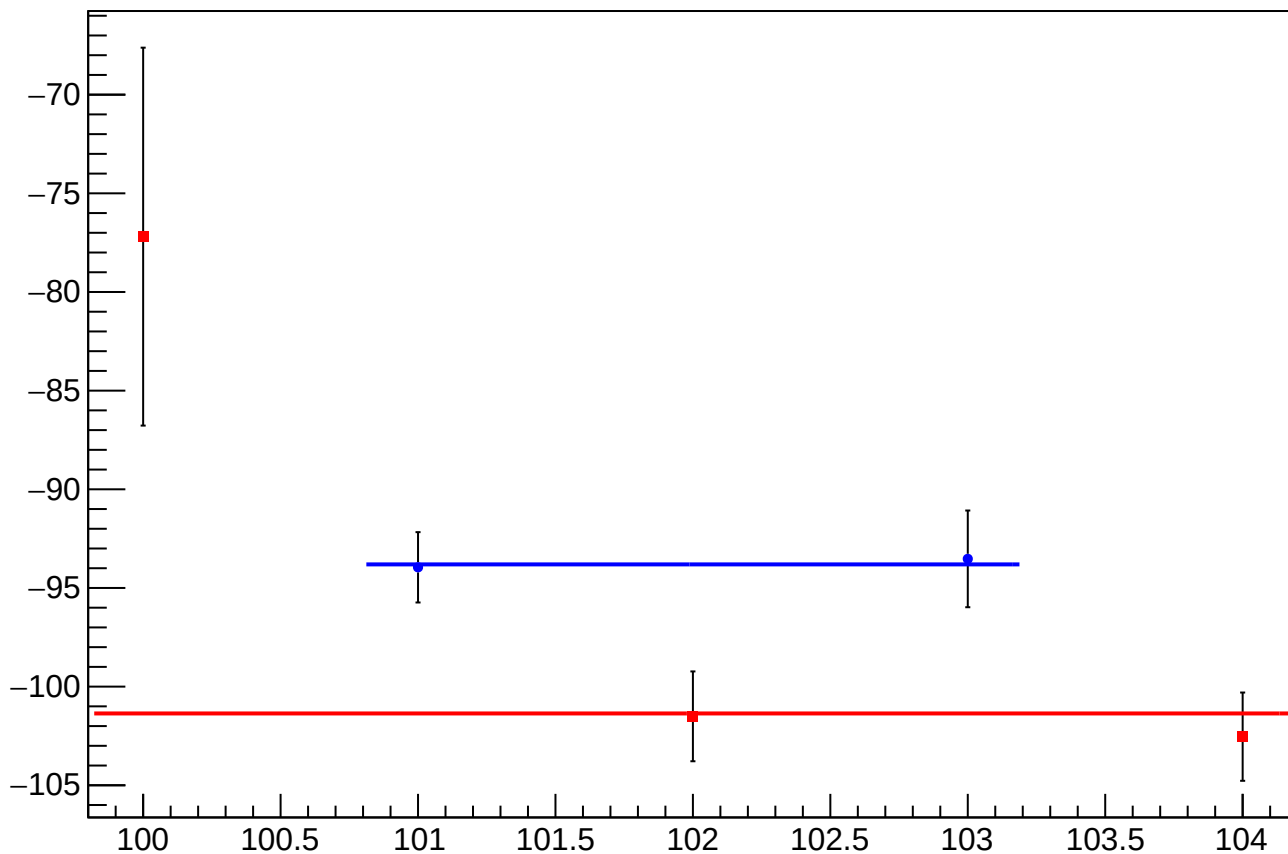
Right: -4.826 ± 1.187 χ^2/NDF : 65.9/4

In: -0.135 ± 1.614 χ^2/NDF : 38.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.826 ± 1.187 χ^2/NDF : 65.9/4

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -93.806+/-1.441 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.360+/-1.574 χ^2/NDF : 6.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

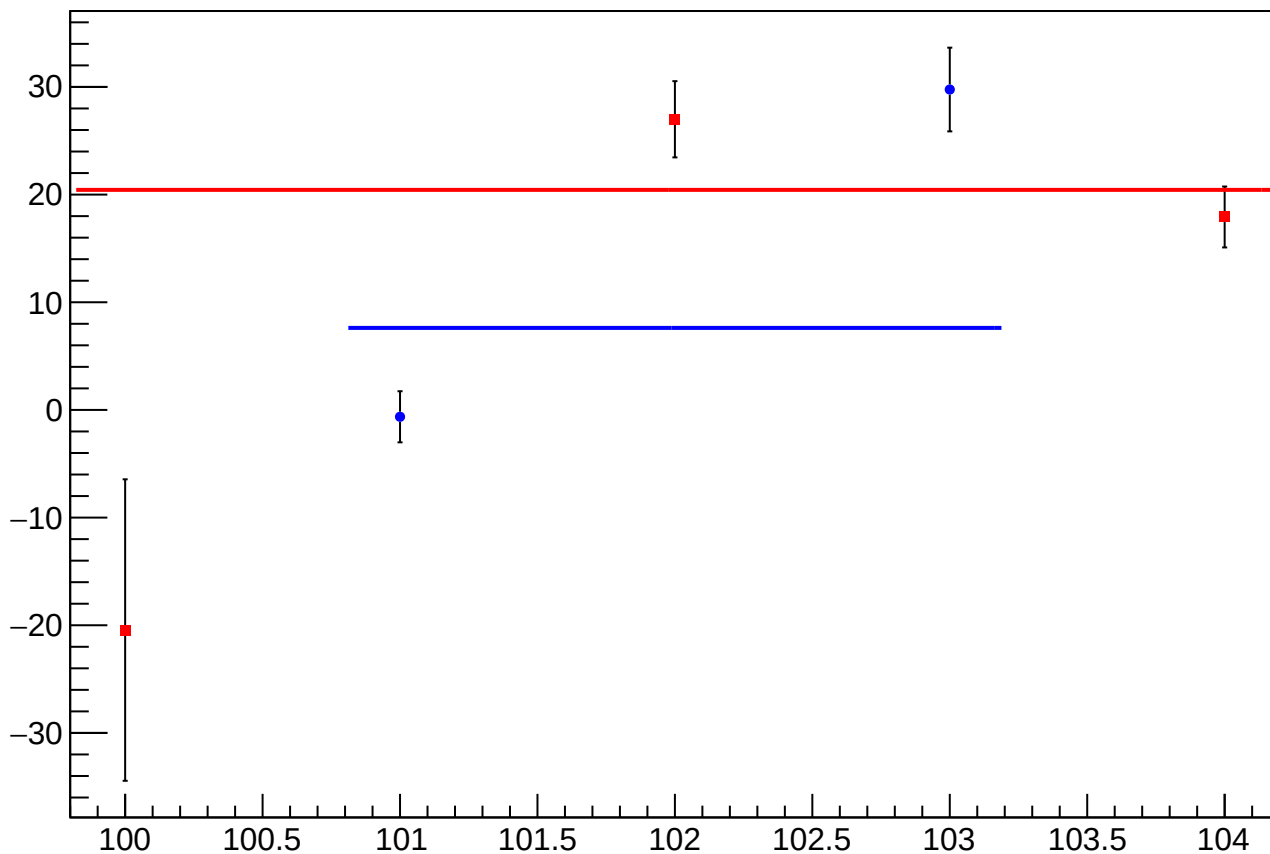
Right: -97.252+/-1.063 χ^2/NDF : 19.2/4

In: -93.806+/-1.441 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.252+/-1.063 χ^2/NDF : 19.2/4

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: 20.438+/-2.183 χ^2/NDF : 12.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

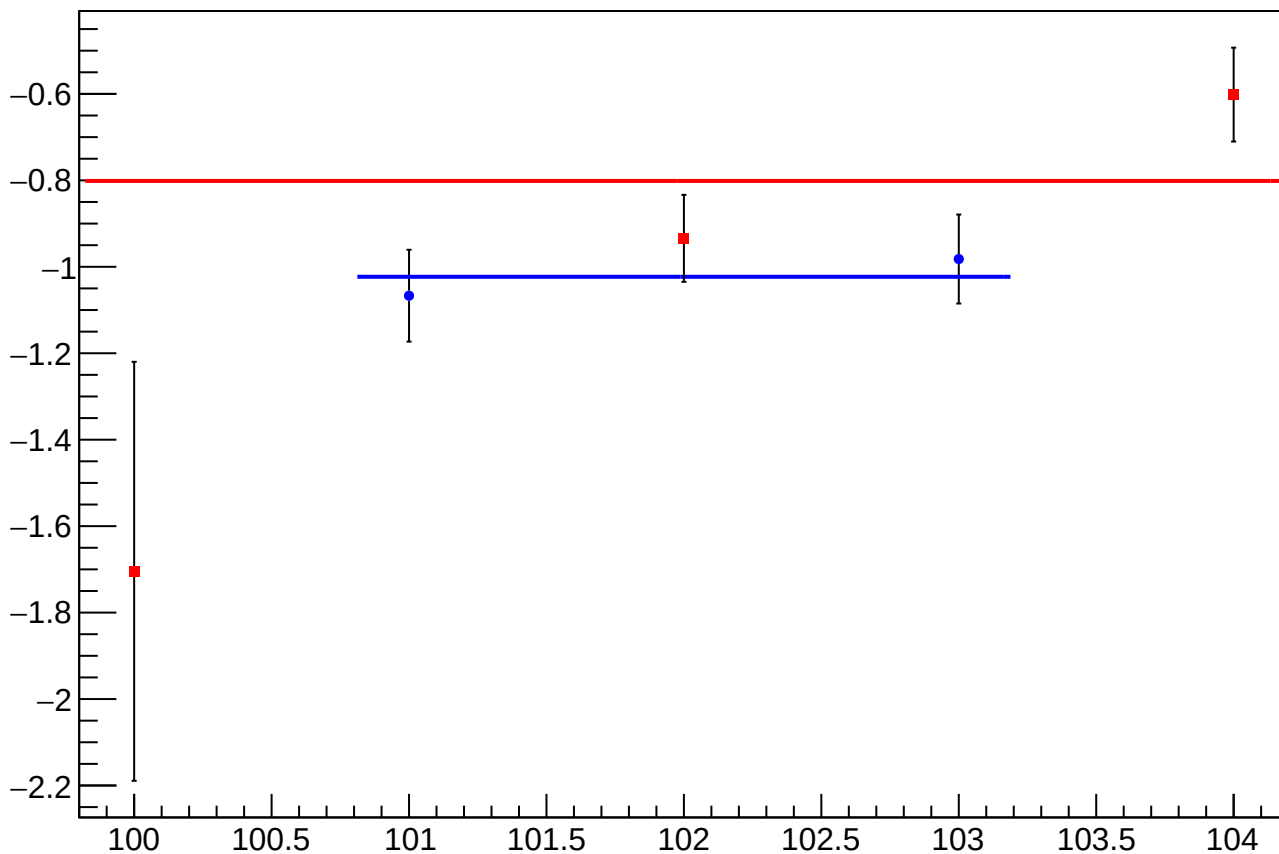
Right: 13.551+/-1.485 χ^2/NDF : 75.8/4

In: 7.619+/-2.026 χ^2/NDF : 44.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.551+/-1.485 χ^2/NDF : 75.8/4

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: -0.801 ± 0.073 $\chi^2/\text{NDF}: 8.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

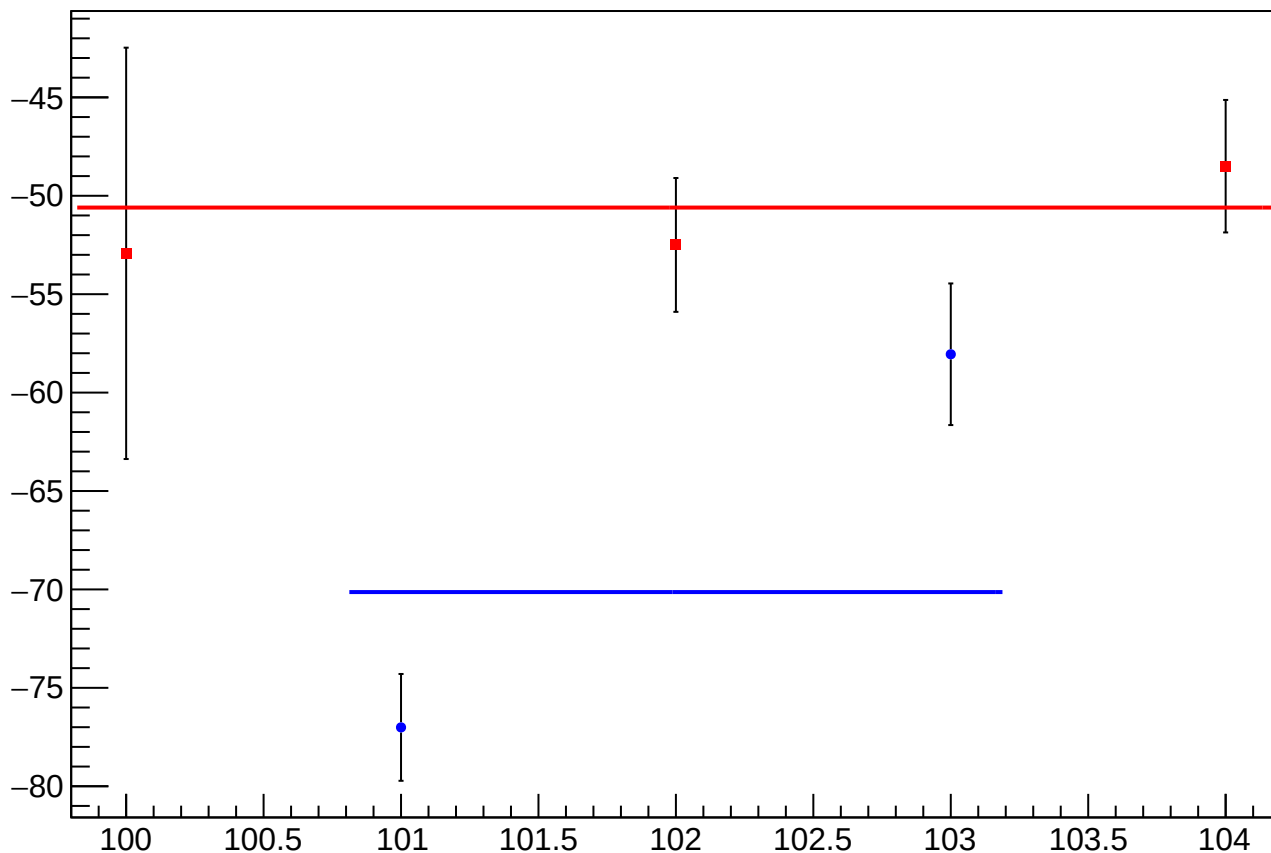
Right: -0.911 ± 0.052 $\chi^2/\text{NDF}: 13.5/4$

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: -0.911 ± 0.052 $\chi^2/\text{NDF}: 13.5/4$

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.134 $\pm$ 2.166 χ^2 /NDF: 17.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -50.599 $\pm$ 2.332 χ^2 /NDF: 0.8/2

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

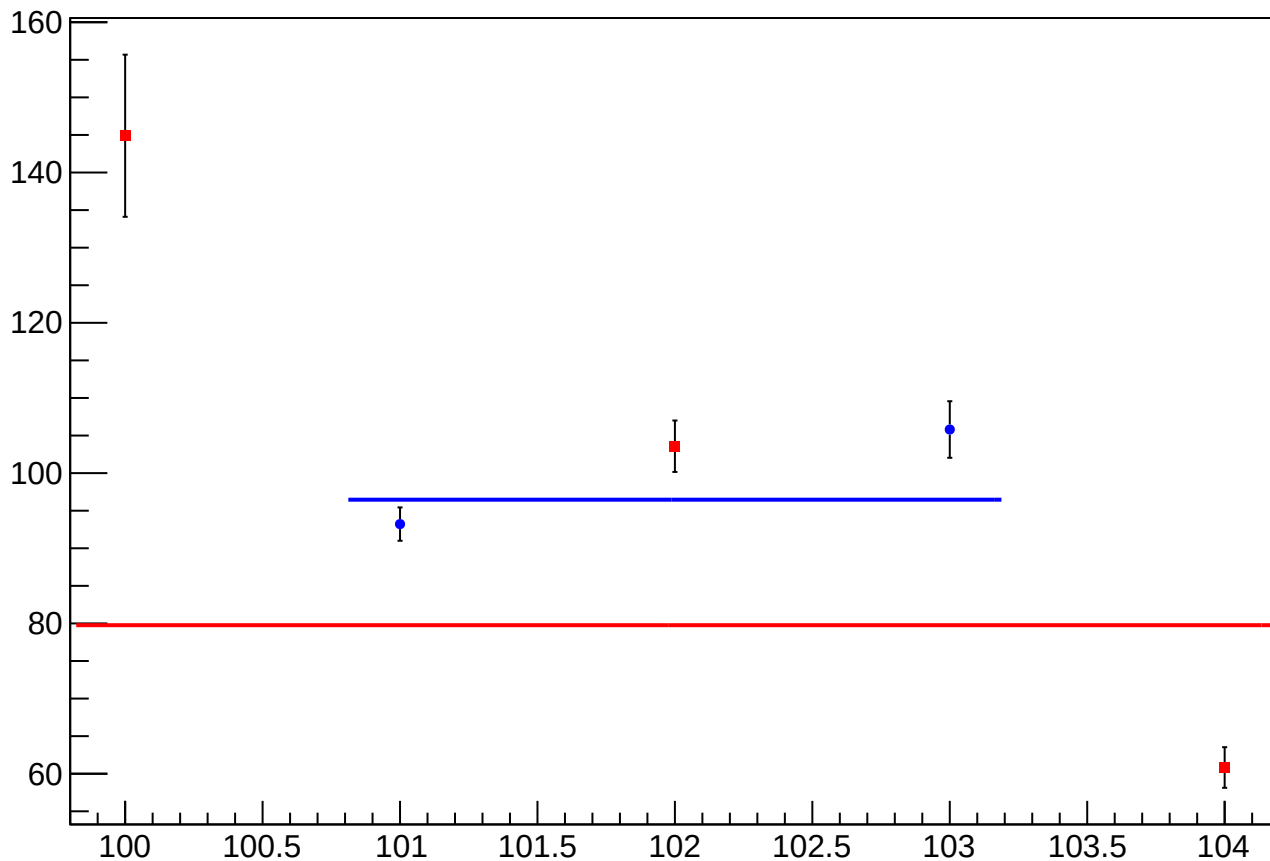
Right: -61.083 $\pm$ 1.587 χ^2 /NDF: 56.1/4

In: -70.134 $\pm$ 2.166 χ^2 /NDF: 17.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.083 $\pm$ 1.587 χ^2 /NDF: 56.1/4

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 96.465 ± 1.912 $\chi^2/\text{NDF}: 8.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 79.765 ± 2.081 $\chi^2/\text{NDF}: 134.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

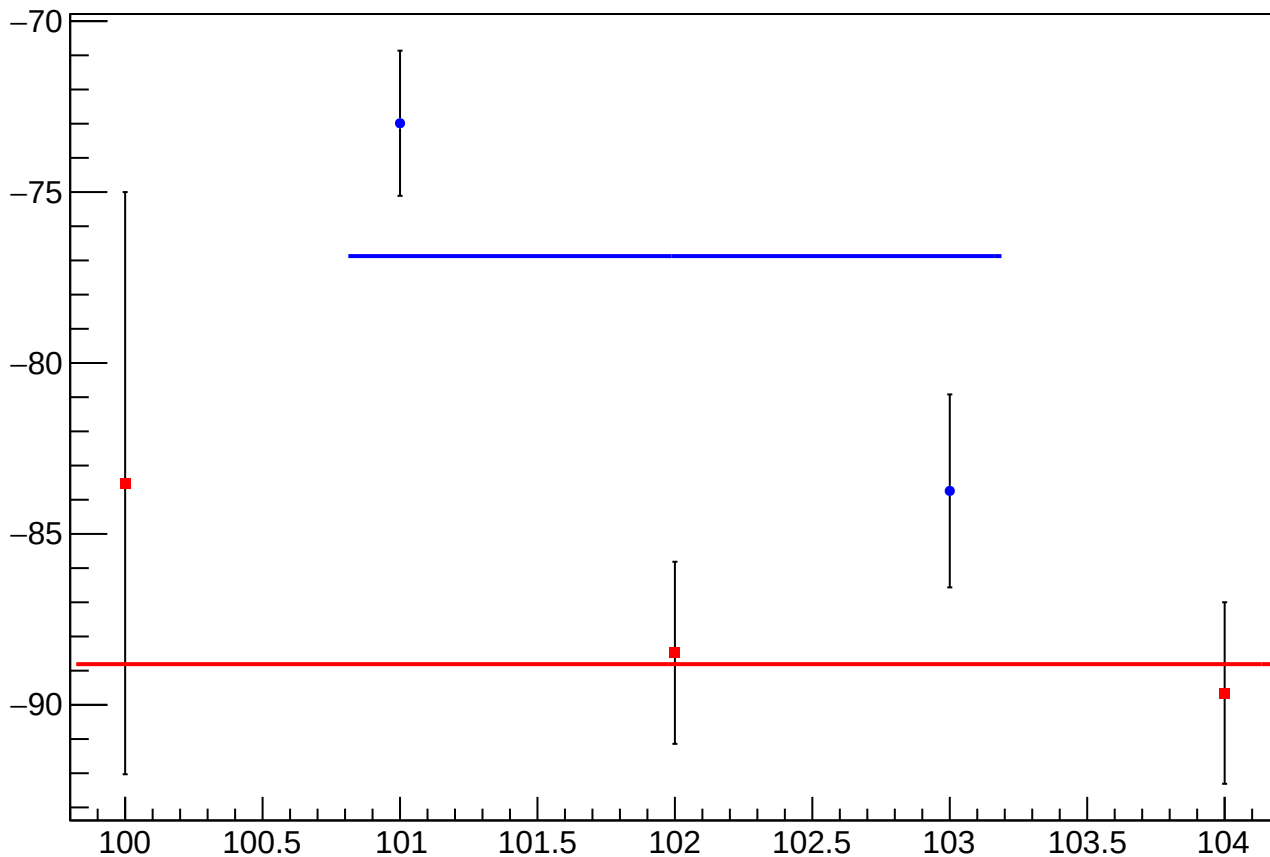
Right: 88.820 ± 1.408 $\chi^2/\text{NDF}: 177.2/4$

In: 96.465 ± 1.912 $\chi^2/\text{NDF}: 8.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 88.820 ± 1.408 $\chi^2/\text{NDF}: 177.2/4$

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -76.873 $\pm$ 1.697 χ^2 /NDF: 9.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -88.809 $\pm$ 1.836 χ^2 /NDF: 0.5/2

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

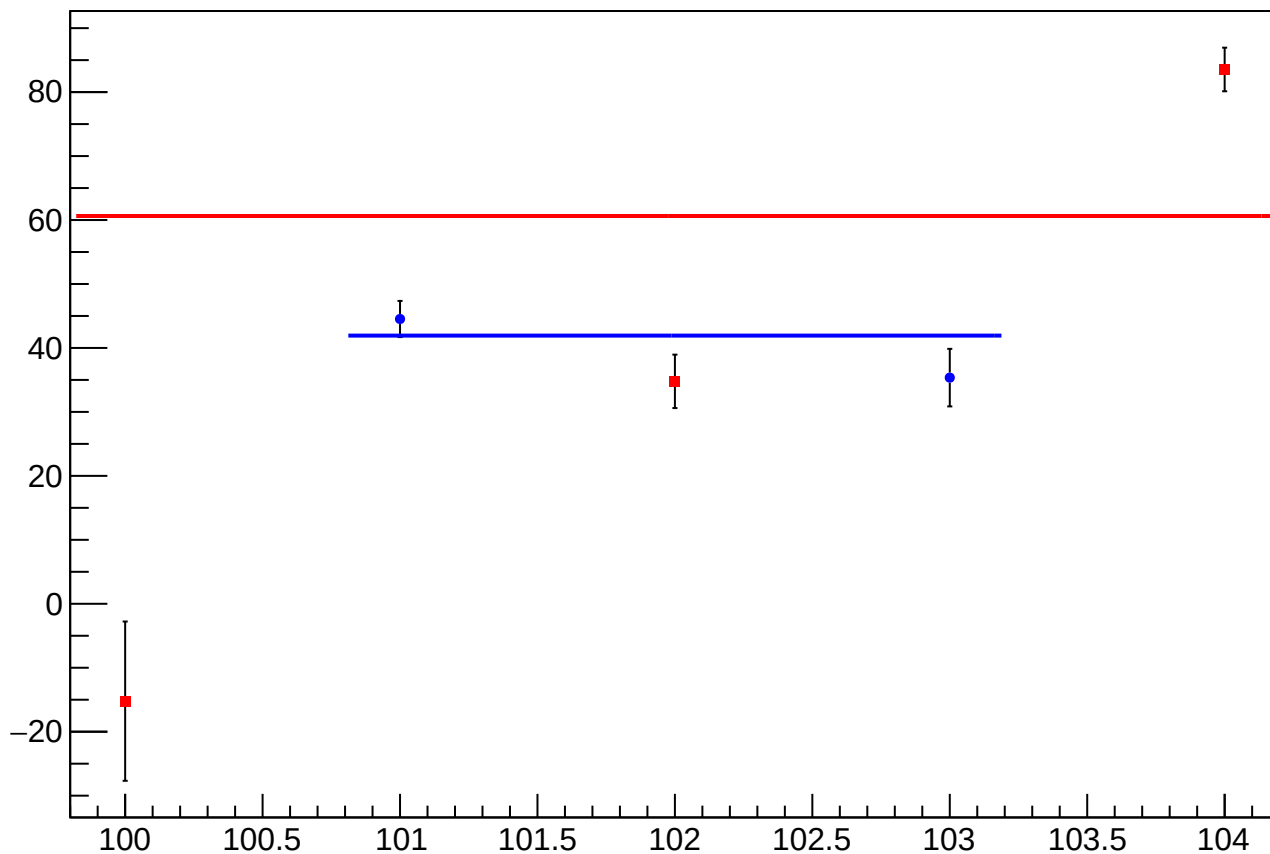
Right: -82.371 $\pm$ 1.246 χ^2 /NDF: 32.6/4

In: -76.873 $\pm$ 1.697 χ^2 /NDF: 9.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -82.371 $\pm$ 1.246 χ^2 /NDF: 32.6/4

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: 60.630+/-2.583 χ^2/NDF : 120.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

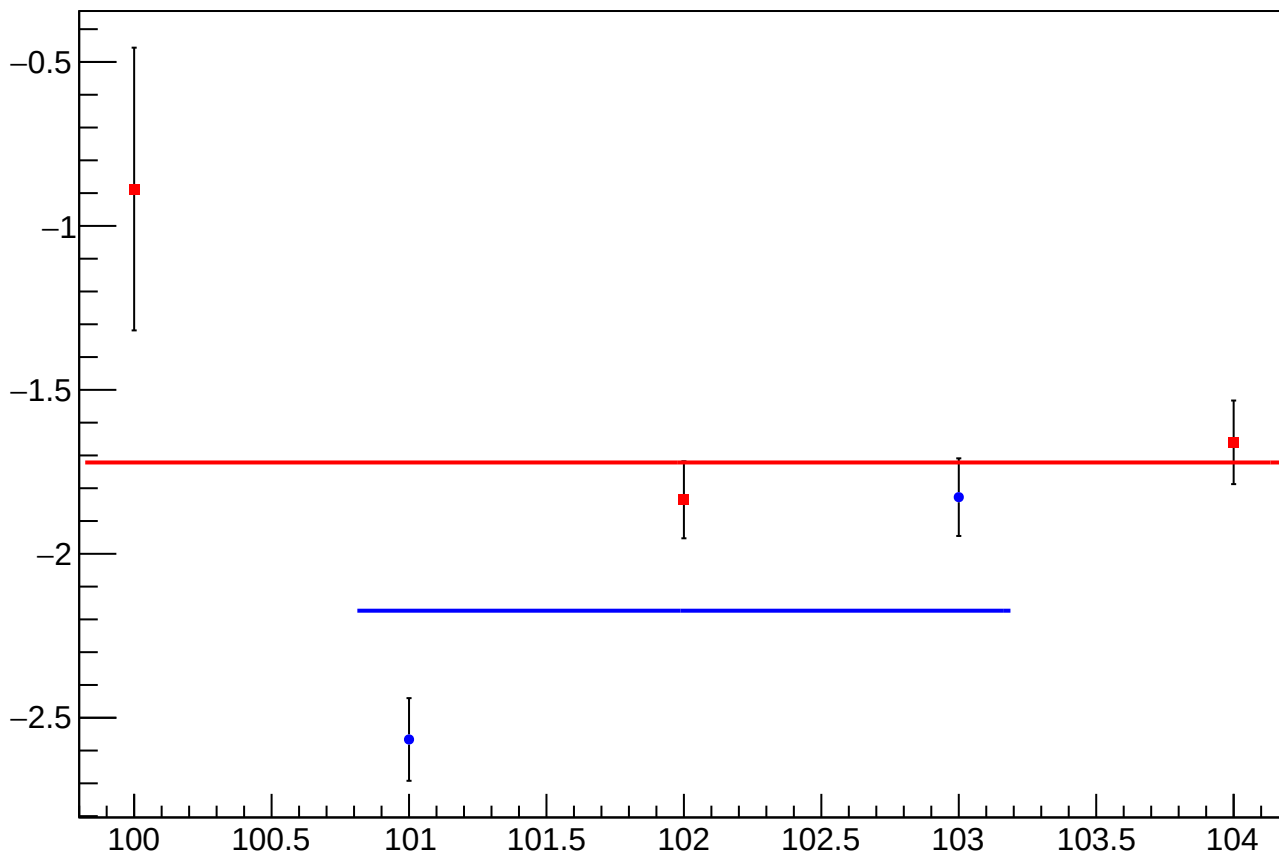
Right: 50.569+/-1.756 χ^2/NDF : 151.8/4

In: 41.930+/-2.394 χ^2/NDF : 3.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.569+/-1.756 χ^2/NDF : 151.8/4

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: -1.721+/-0.085 χ^2/NDF : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

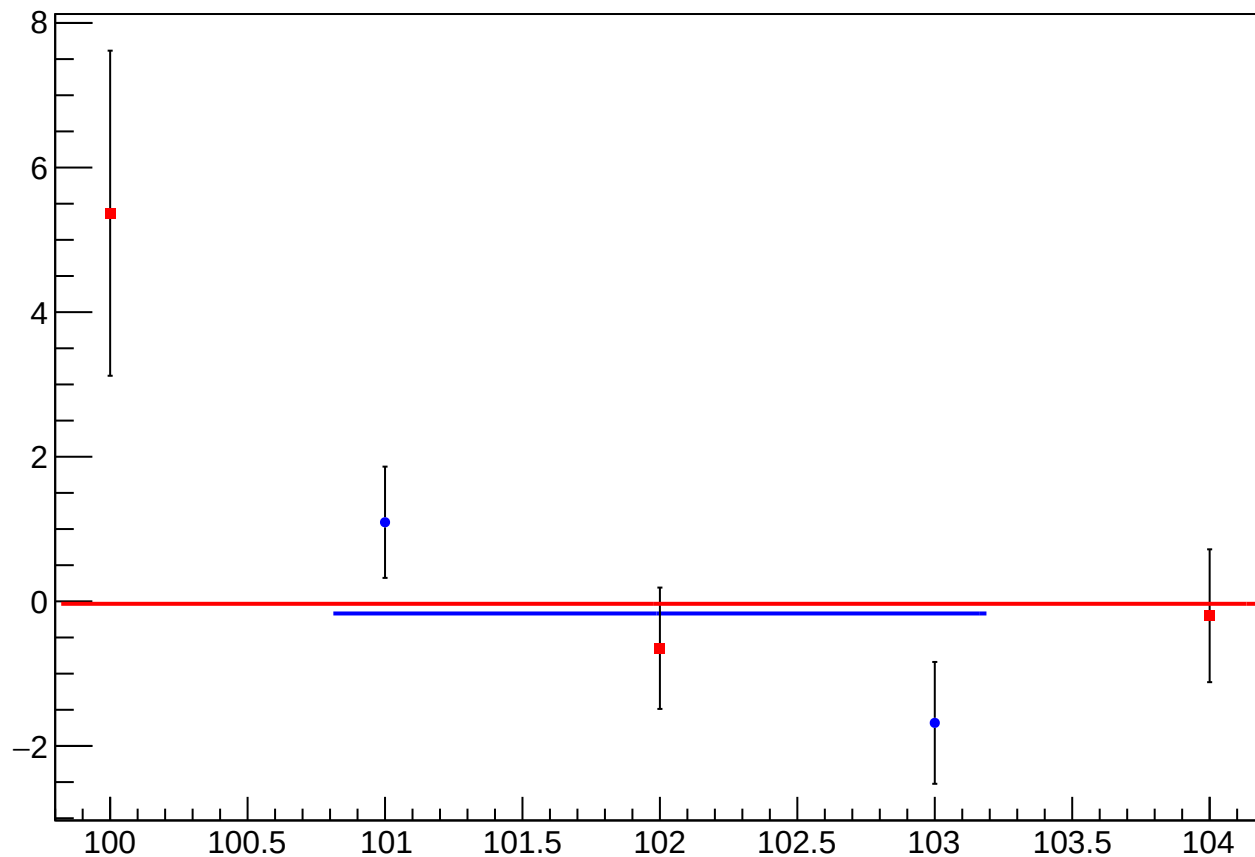
Right: -1.943+/-0.060 χ^2/NDF : 37.2/4

In: -2.174+/-0.086 χ^2/NDF : 18.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.943+/-0.060 χ^2/NDF : 37.2/4

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.168+/-0.568 χ^2/NDF : 5.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.034+/-0.597 χ^2/NDF : 6.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

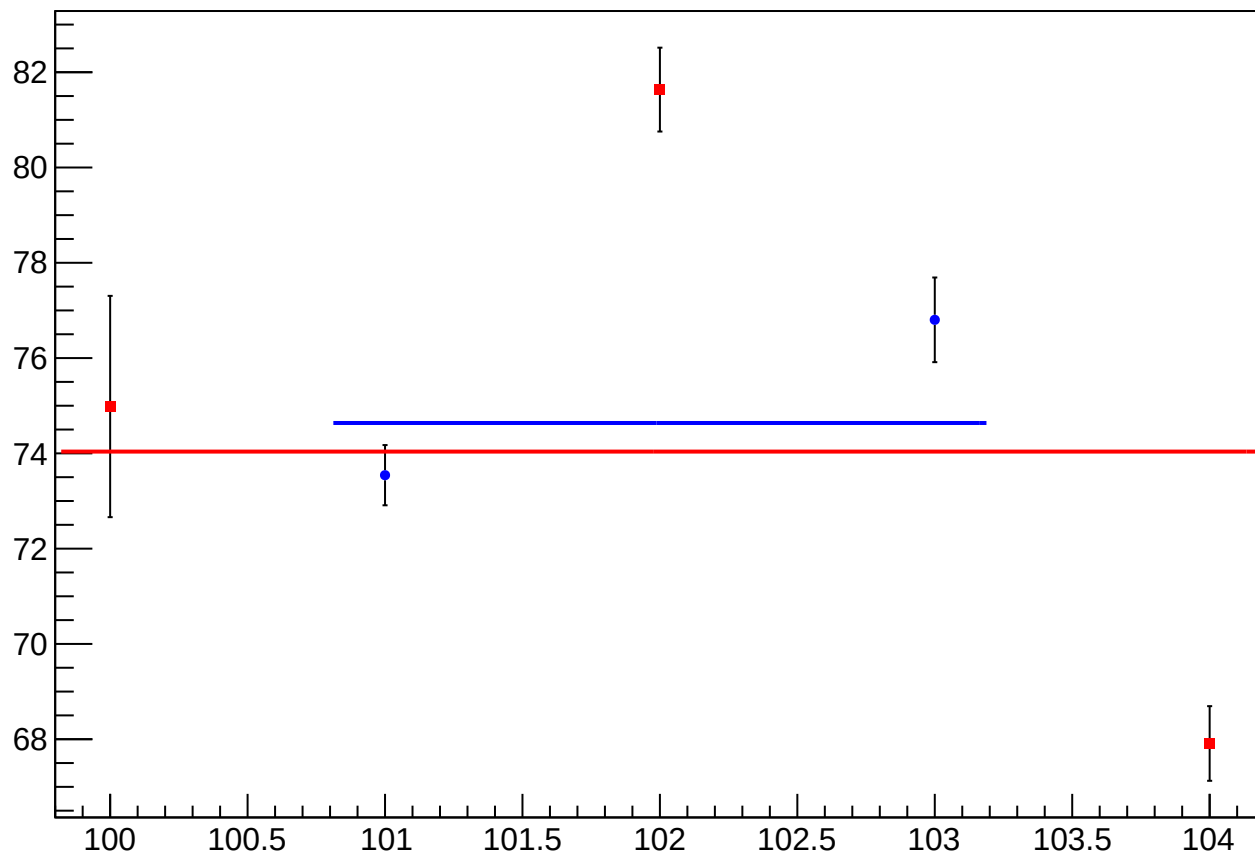
Right: -0.104+/-0.412 χ^2/NDF : 12.3/4

In: -0.168+/-0.568 χ^2/NDF : 5.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.104+/-0.412 χ^2/NDF : 12.3/4

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: 74.037 $\pm$ 0.567 χ^2 /NDF: 135.8/2

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

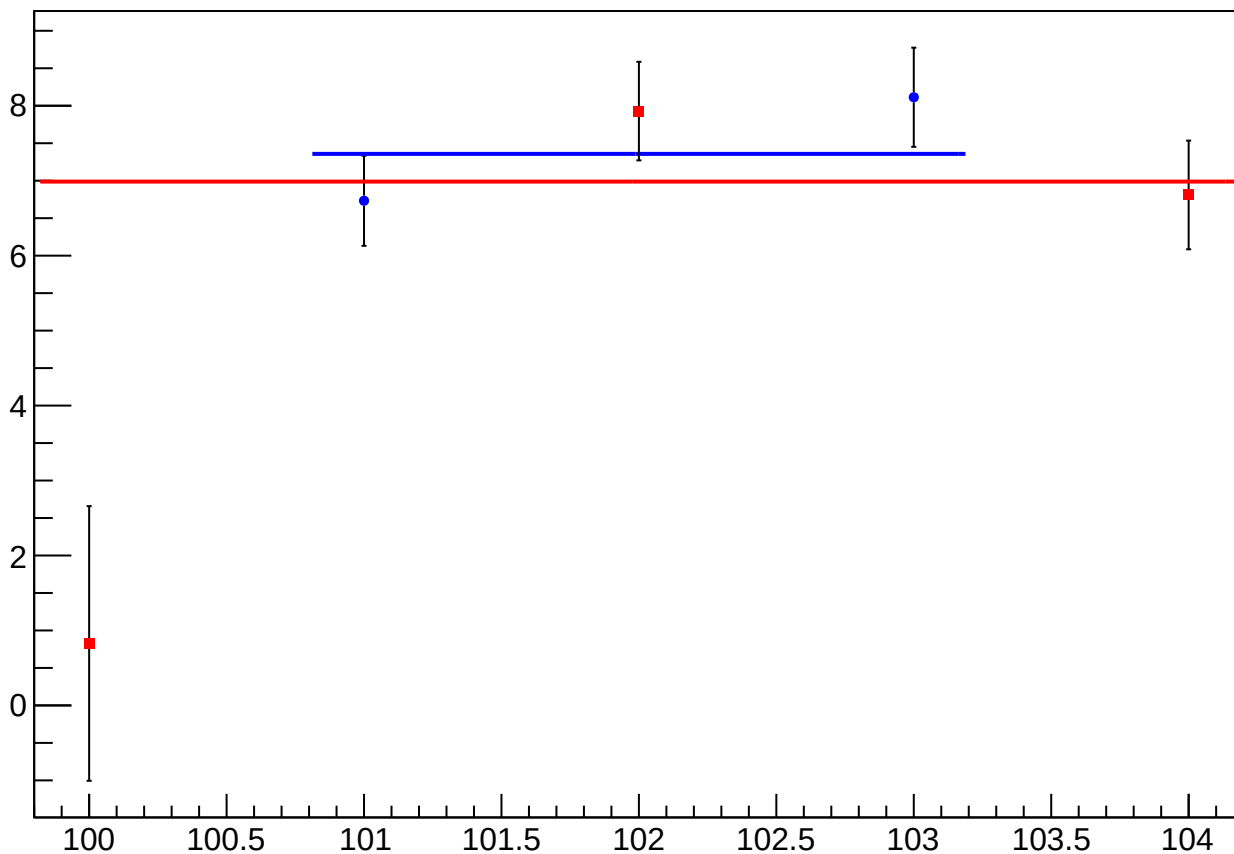
Right: 74.366 $\pm$ 0.381 χ^2 /NDF: 145.4/4

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: 74.366 $\pm$ 0.381 χ^2 /NDF: 145.4/4

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 7.358+/-0.445 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.988+/-0.471 χ^2/NDF : 13.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

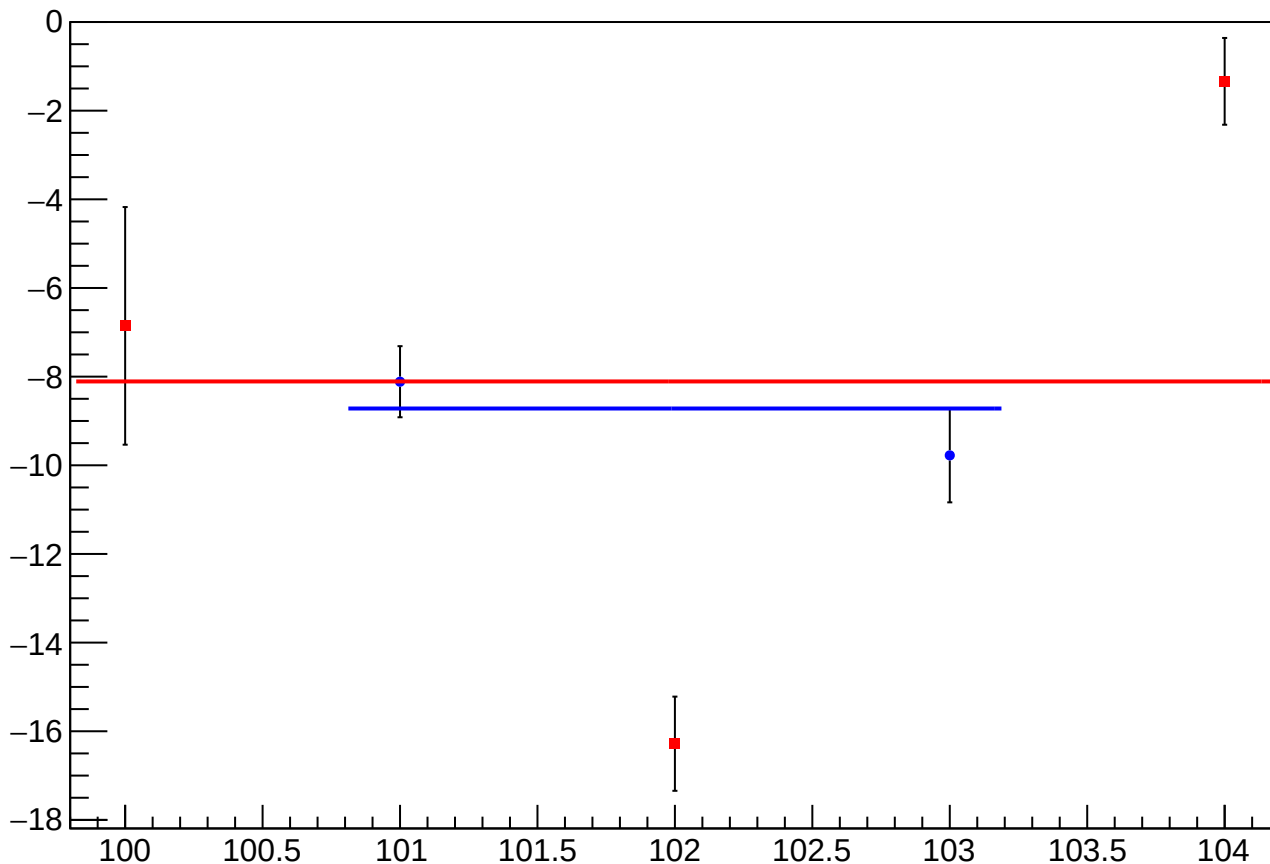
Right: 7.183+/-0.323 χ^2/NDF : 16.1/4

In: 7.358+/-0.445 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.183+/-0.323 χ^2/NDF : 16.1/4

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: -8.108 ± 0.695 χ^2/NDF : 107.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

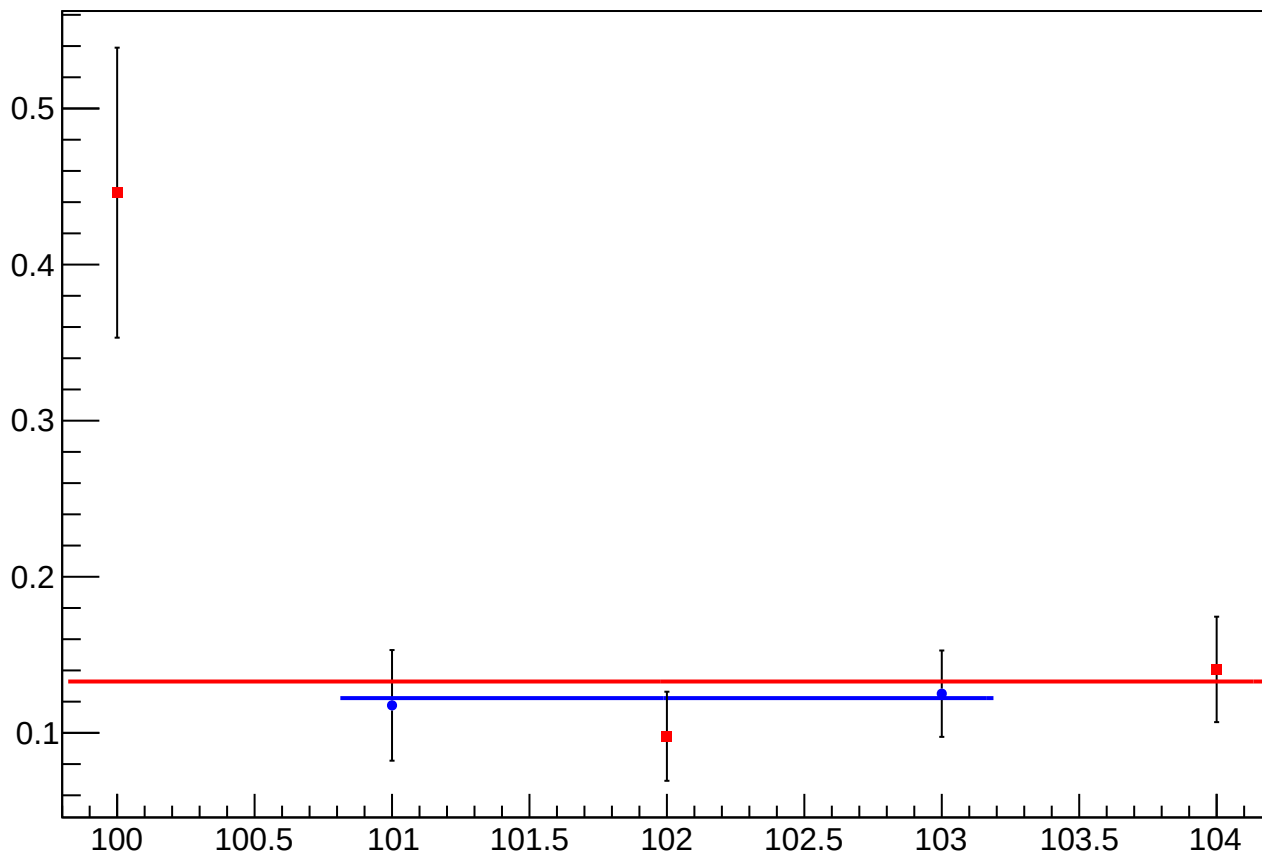
Right: -8.439 ± 0.471 χ^2/NDF : 109.2/4

In: -8.719 ± 0.640 χ^2/NDF : 1.6/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.439 ± 0.471 χ^2/NDF : 109.2/4

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: 0.133+/-0.021 χ^2/NDF : 12.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

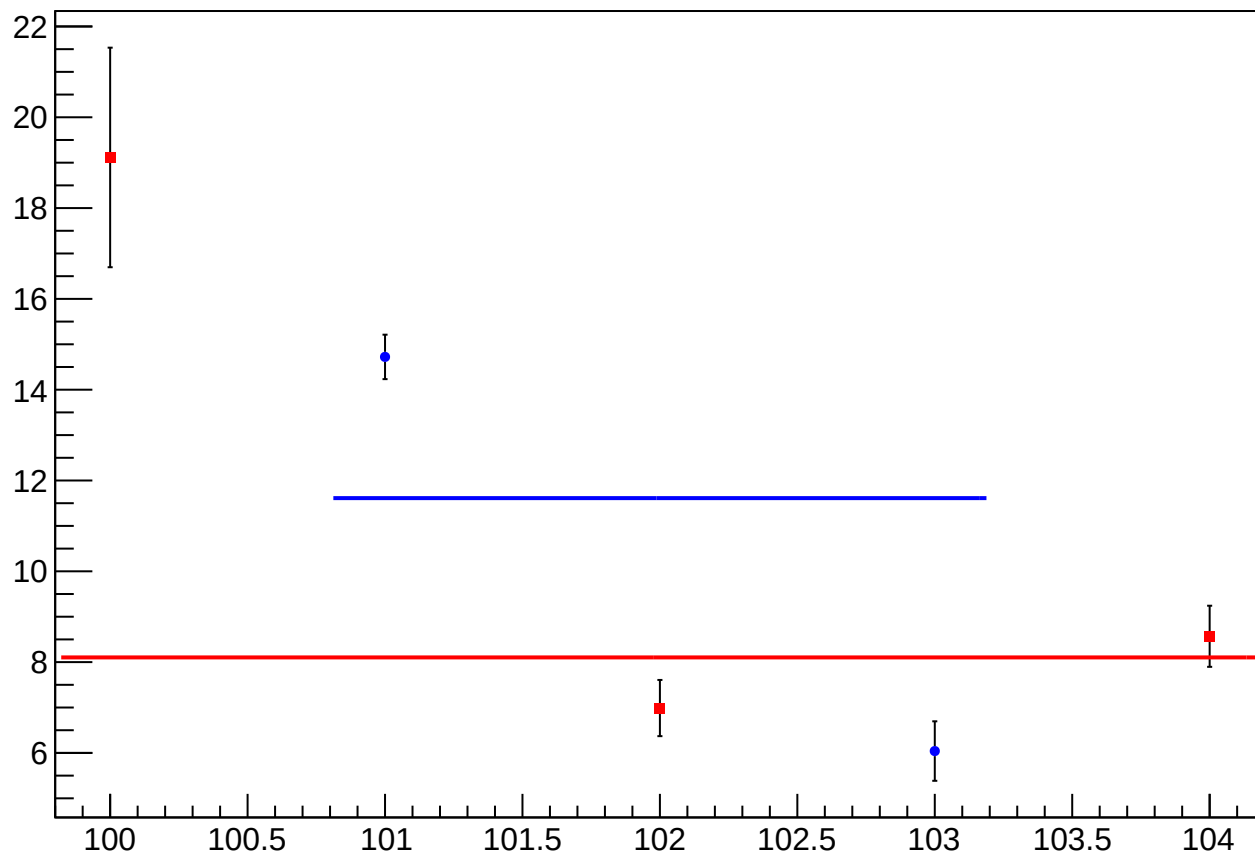
Right: 0.128+/-0.015 χ^2/NDF : 13.1/4

In: 0.122+/-0.022 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.128+/-0.015 χ^2/NDF : 13.1/4

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: 8.103 $\pm$ 0.448 χ^2 /NDF: 24.5/2

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

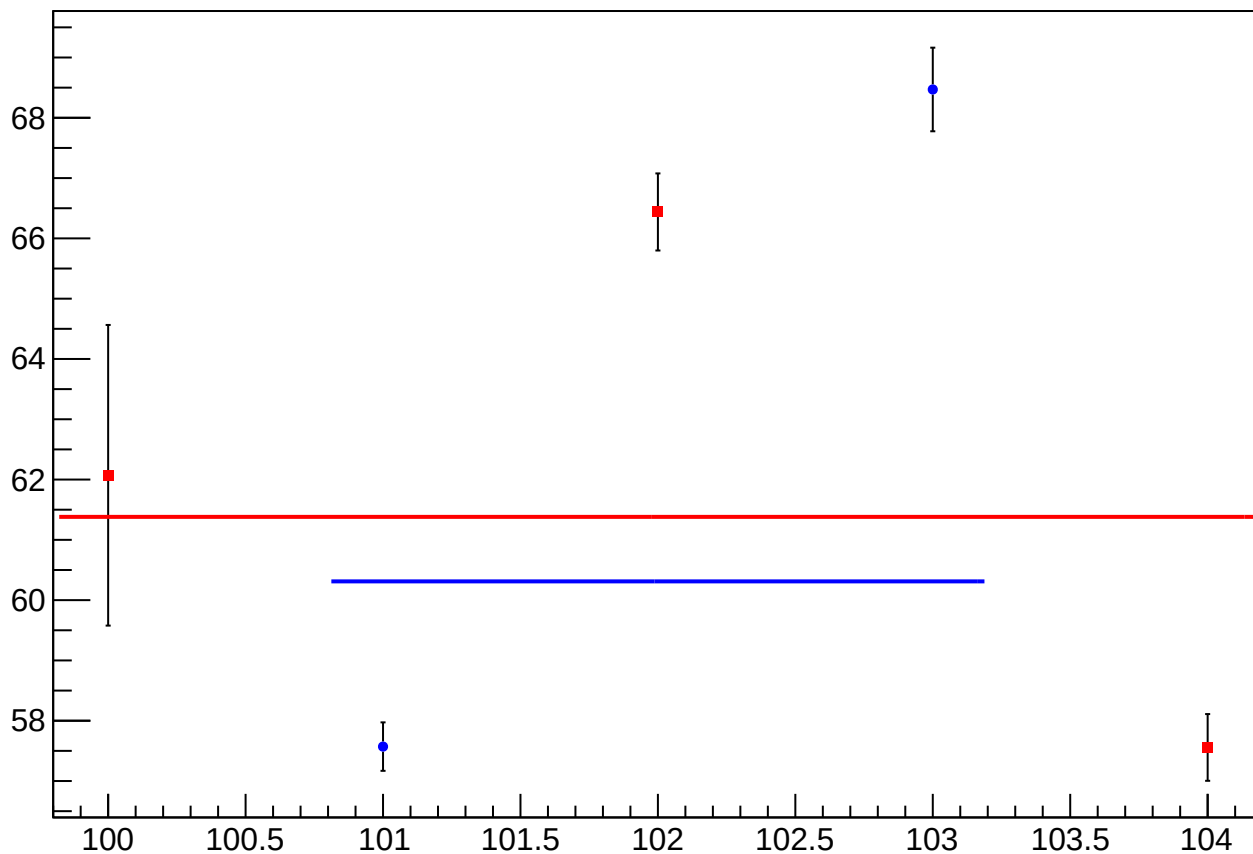
Right: 10.089 $\pm$ 0.295 χ^2 /NDF: 171.9/4

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: 10.089 $\pm$ 0.295 χ^2 /NDF: 171.9/4

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: 61.381+/-0.413 χ^2/NDF : 110.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

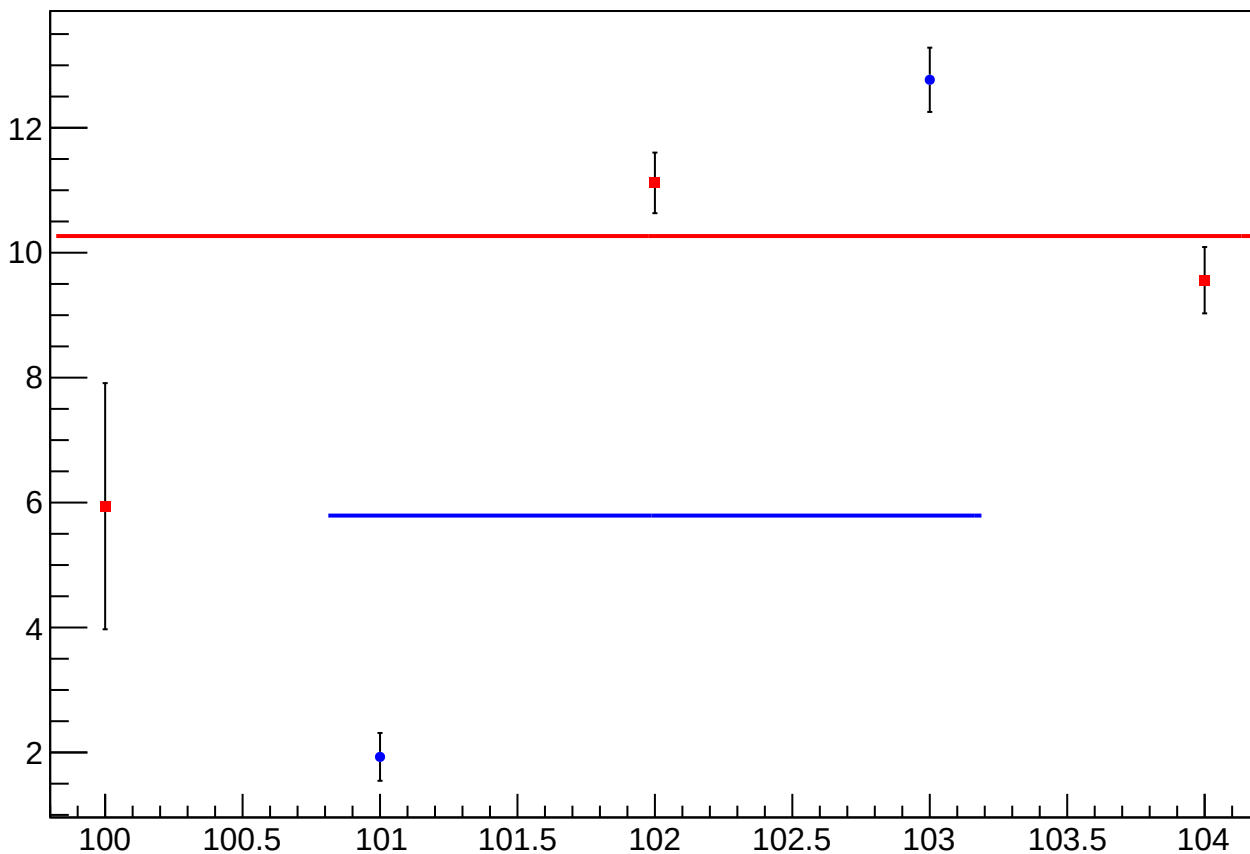
Right: 60.755+/-0.266 χ^2/NDF : 299.3/4

In: 60.311+/-0.348 χ^2/NDF : 185.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.755+/-0.266 χ^2/NDF : 299.3/4

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: 10.267+/-0.352 χ^2/NDF : 9.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

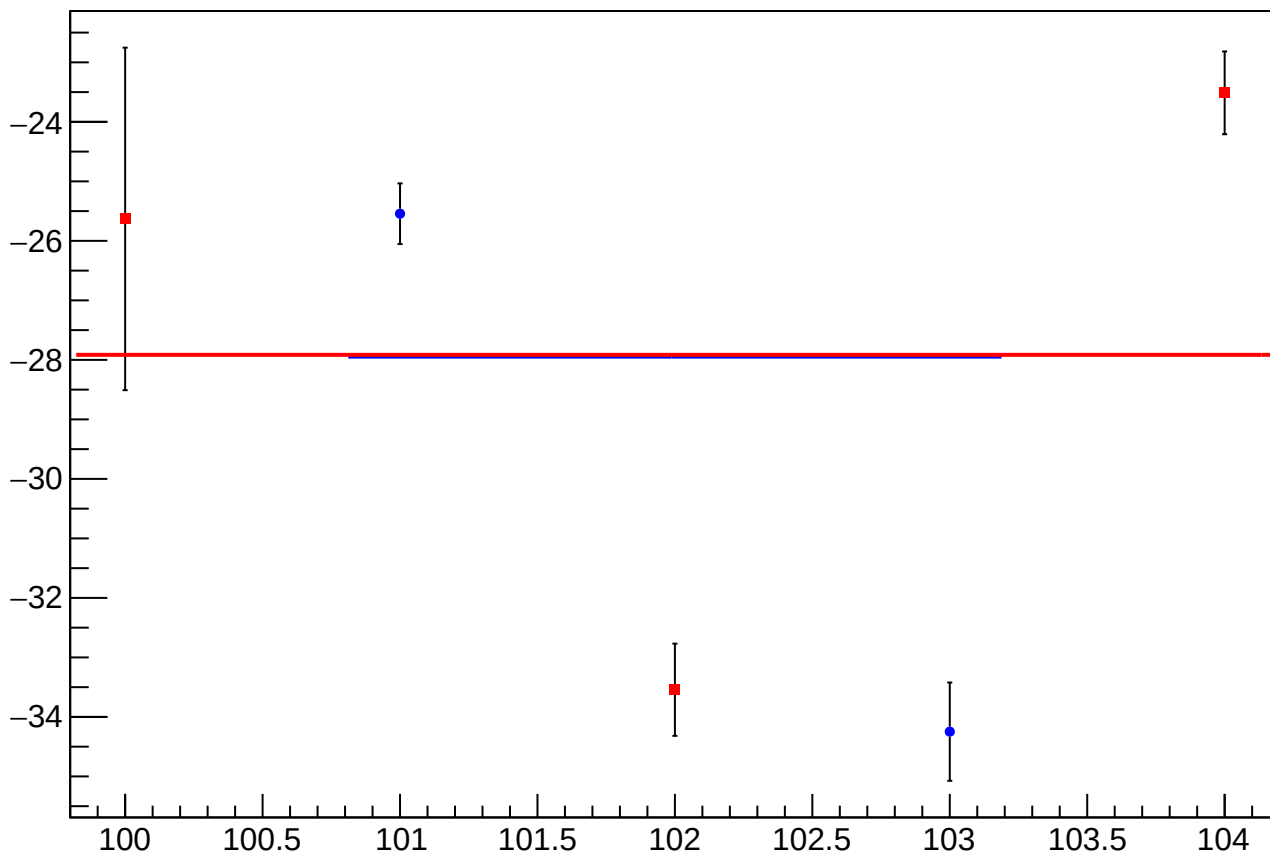
Right: 7.724+/-0.231 χ^2/NDF : 387.2/4

In: 5.792+/-0.307 χ^2/NDF : 285.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.724+/-0.231 χ^2/NDF : 387.2/4

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.945+/-0.434 χ^2/NDF : 80.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.915+/-0.509 χ^2/NDF : 93.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

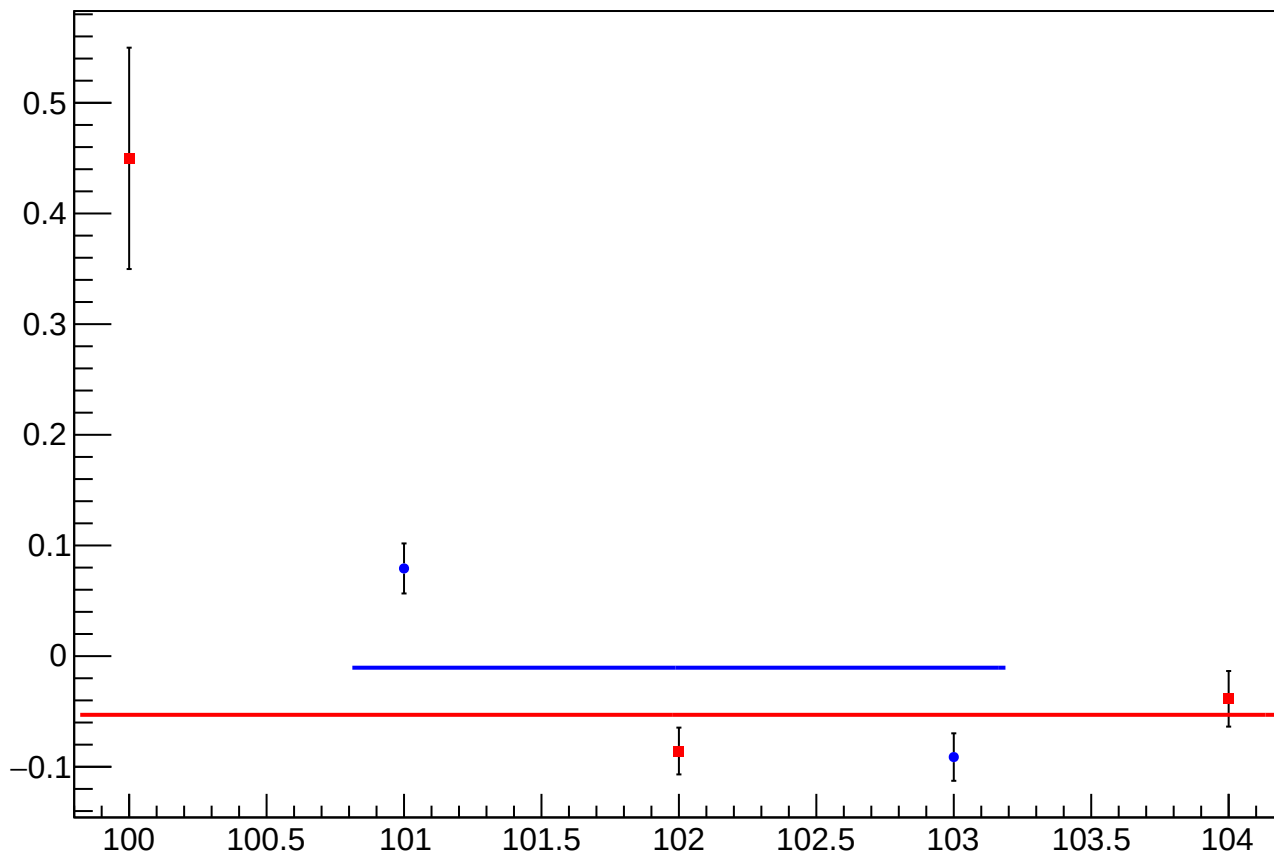
Right: -27.933+/-0.330 χ^2/NDF : 173.9/4

In: -27.945+/-0.434 χ^2/NDF : 80.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.933+/-0.330 χ^2/NDF : 173.9/4

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: -0.053 $\pm$ 0.016 χ^2 /NDF: 28.0/2

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

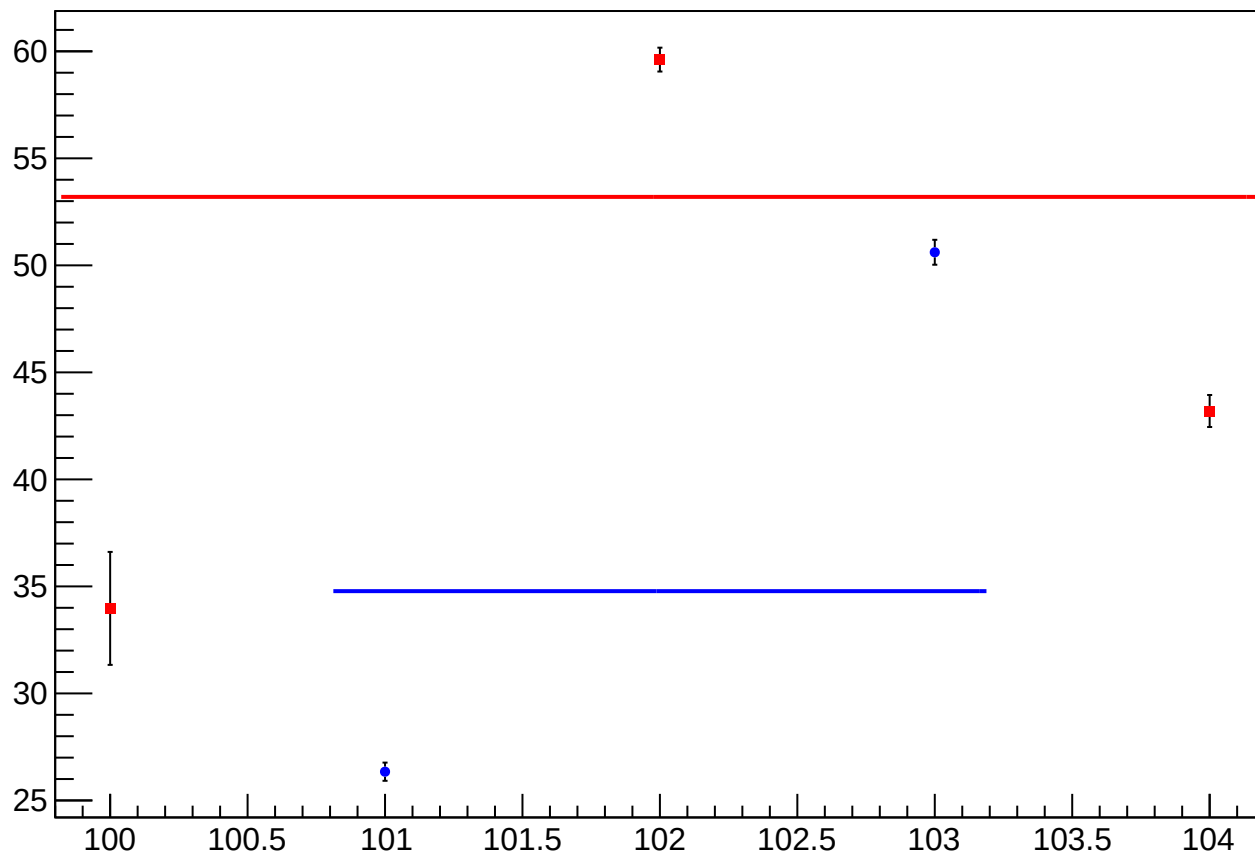
Right: -0.031 $\pm$ 0.011 χ^2 /NDF: 61.6/4

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: -0.031 $\pm$ 0.011 χ^2 /NDF: 61.6/4

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.778 ± 0.343 $\chi^2/\text{NDF}: 1133.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 53.198 ± 0.441 $\chi^2/\text{NDF}: 364.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

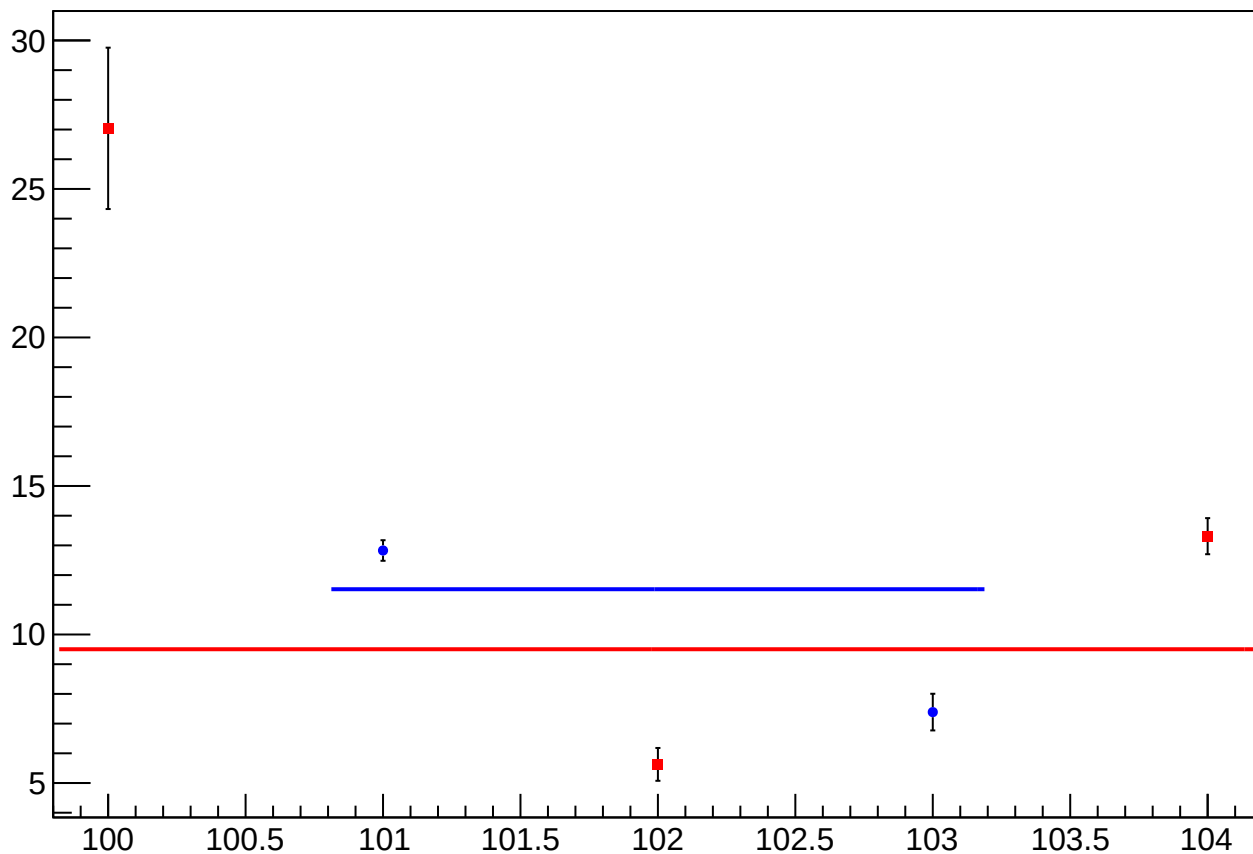
Right: 41.733 ± 0.271 $\chi^2/\text{NDF}: 2584.9/4$

In: 34.778 ± 0.343 $\chi^2/\text{NDF}: 1133.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 41.733 ± 0.271 $\chi^2/\text{NDF}: 2584.9/4$

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: 9.504+/-0.404 χ^2/NDF : 130.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

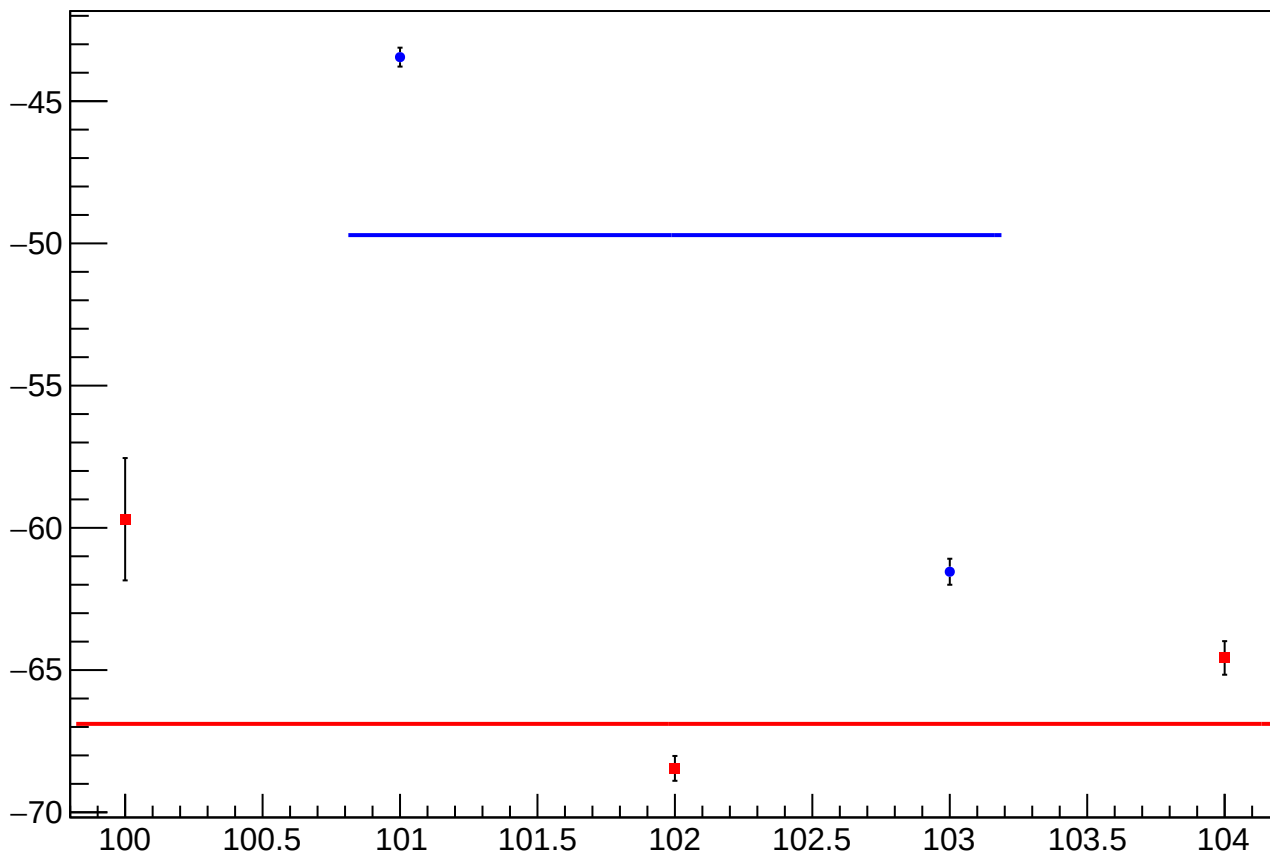
Right: 10.800+/-0.242 χ^2/NDF : 205.3/4

In: 11.524+/-0.302 χ^2/NDF : 59.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.800+/-0.242 χ^2/NDF : 205.3/4

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -49.709+/-0.269 χ^2/NDF : 1023.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.891+/-0.346 χ^2/NDF : 39.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

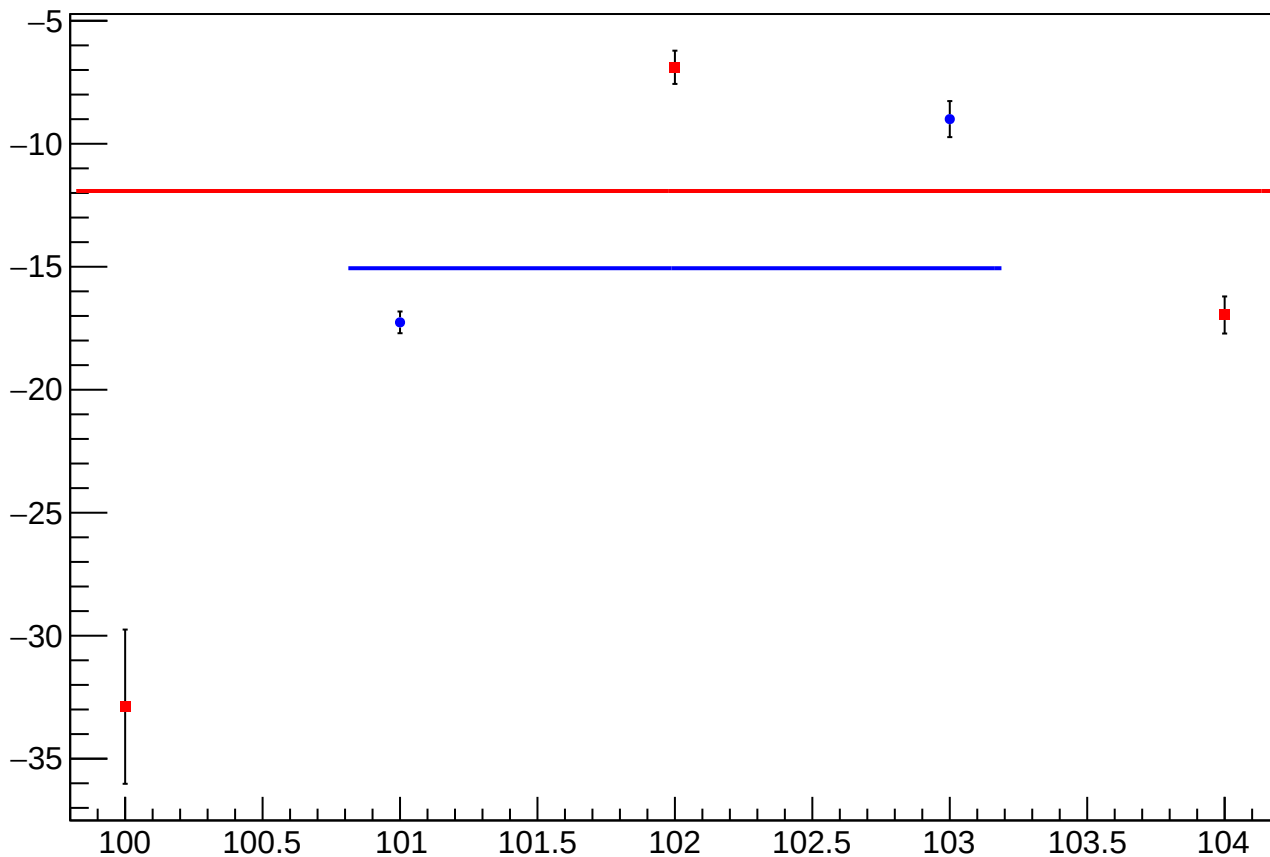
Right: -56.170+/-0.212 χ^2/NDF : 2597.9/4

In: -49.709+/-0.269 χ^2/NDF : 1023.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.170+/-0.212 χ^2/NDF : 2597.9/4

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: -11.920 $\pm$ 0.497 χ^2 /NDF: 144.8/2

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

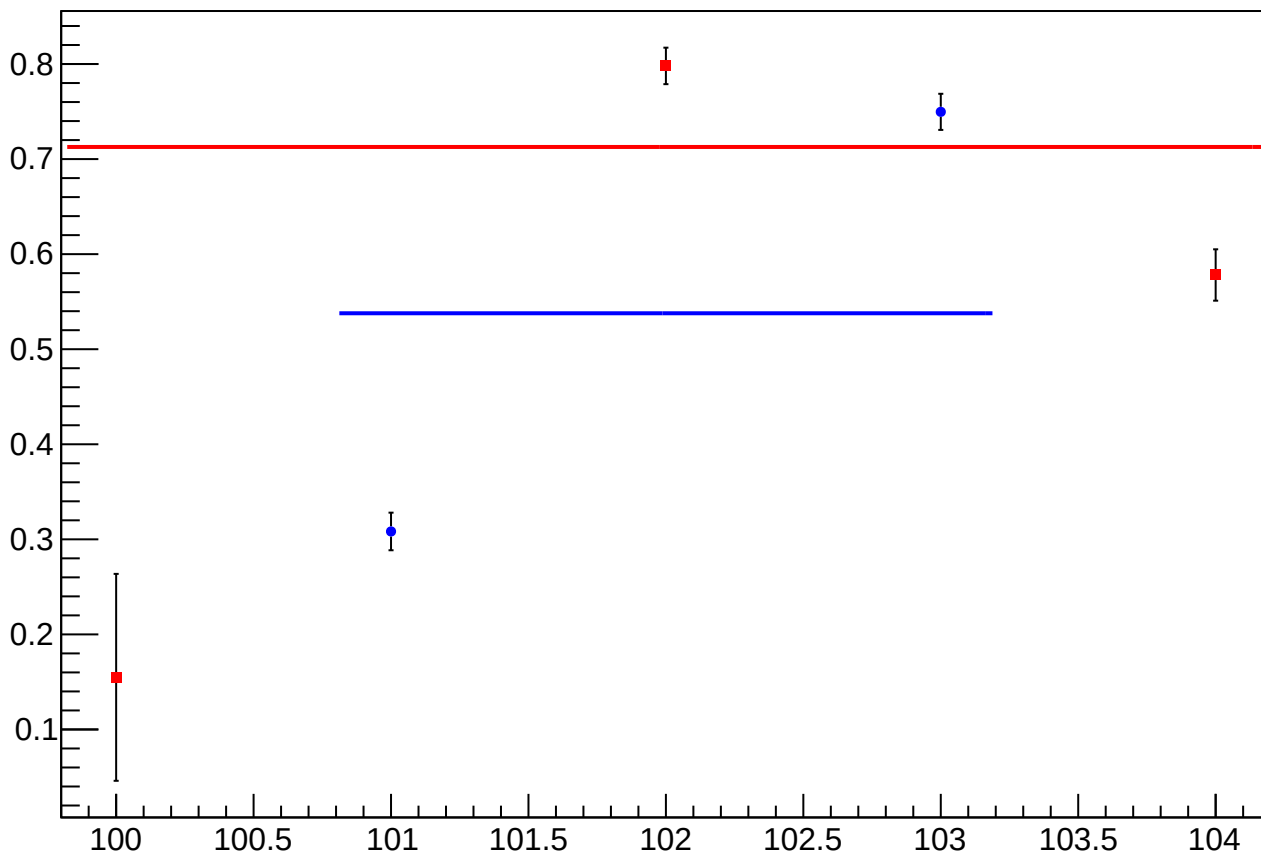
Right: -13.908 $\pm$ 0.301 χ^2 /NDF: 263.4/4

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: -13.908 $\pm$ 0.301 χ^2 /NDF: 263.4/4

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: 0.713 ± 0.015 χ^2/NDF : 70.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

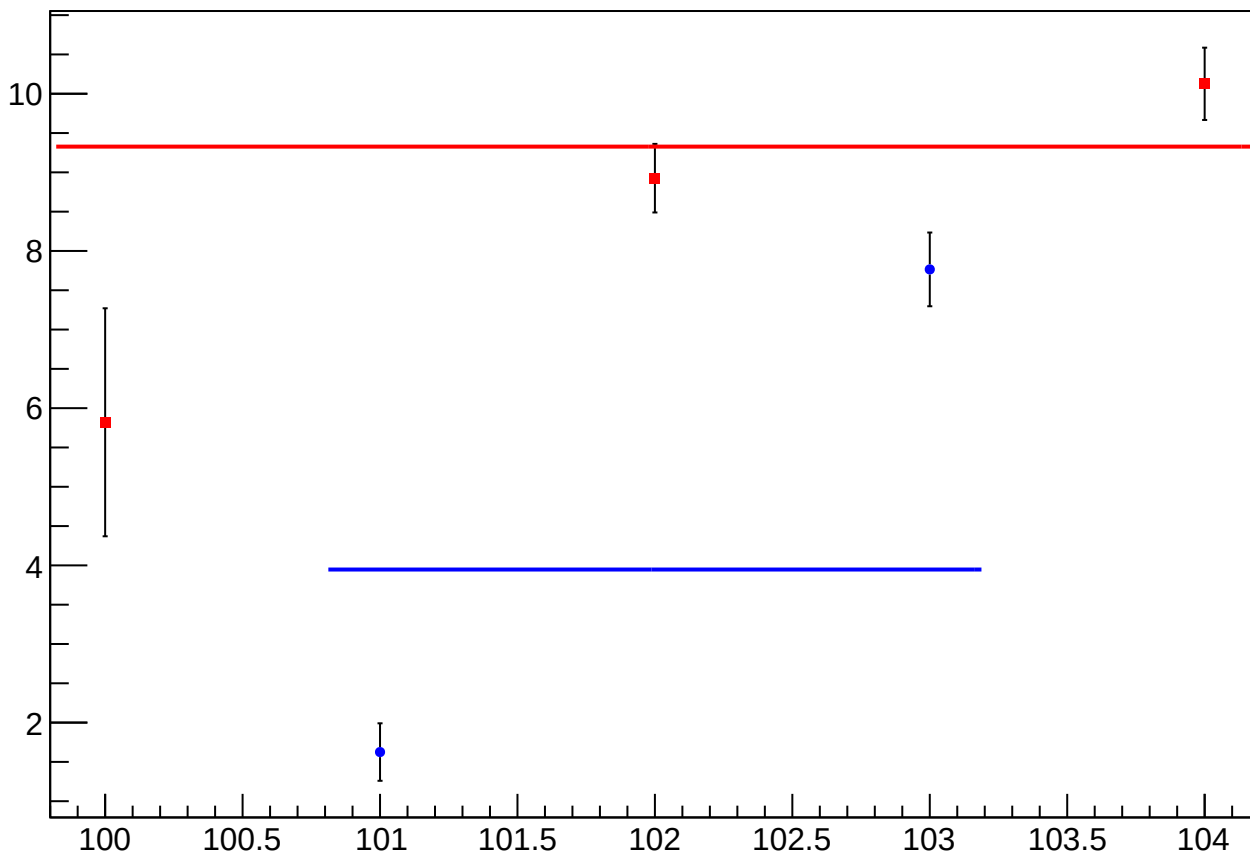
Right: 0.615 ± 0.010 χ^2/NDF : 401.6/4

In: 0.538 ± 0.014 χ^2/NDF : 259.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.615 ± 0.010 χ^2/NDF : 401.6/4

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.947+/-0.288 χ^2/NDF : 106.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.327+/-0.309 χ^2/NDF : 9.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

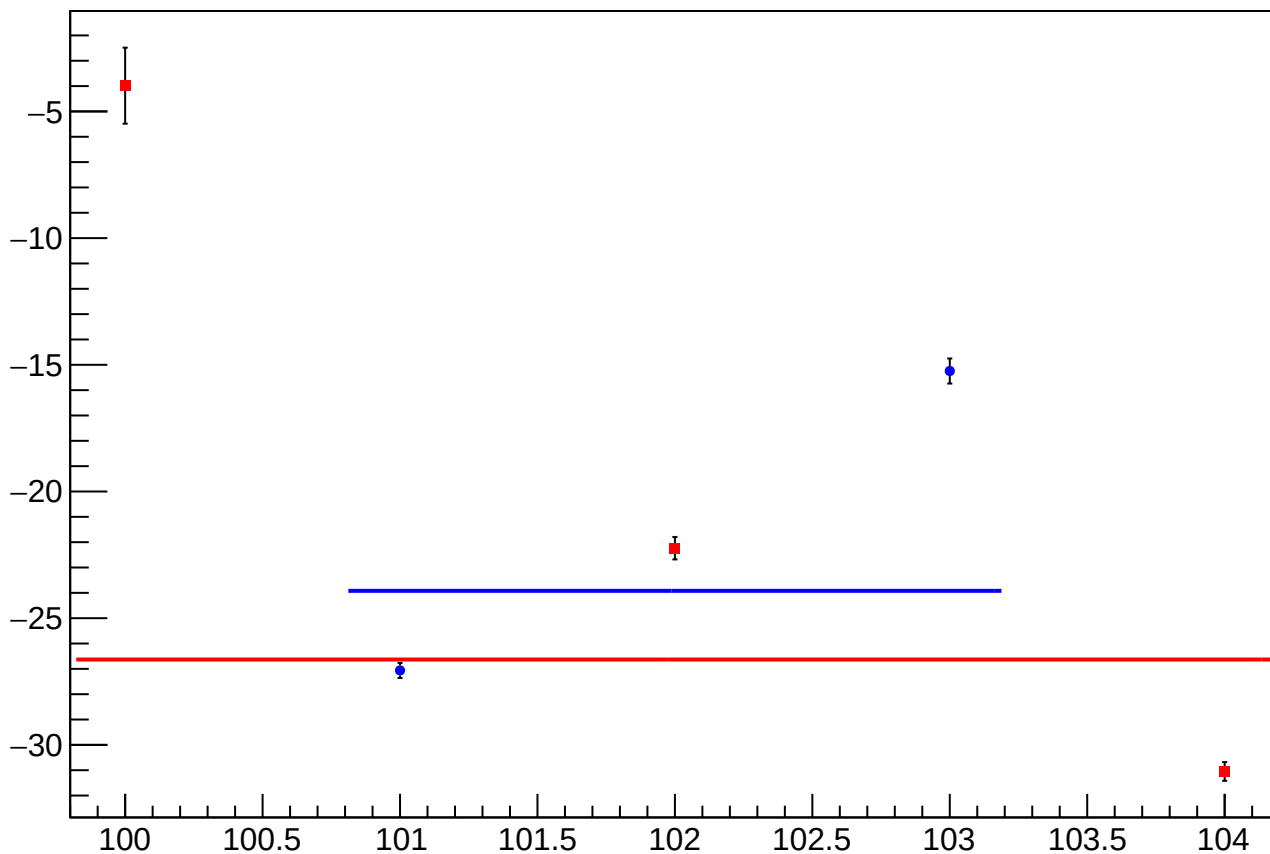
Right: 6.450+/-0.211 χ^2/NDF : 278.2/4

In: 3.947+/-0.288 χ^2/NDF : 106.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.450+/-0.211 χ^2/NDF : 278.2/4

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: -26.631+/-0.279 χ^2/NDF : 469.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

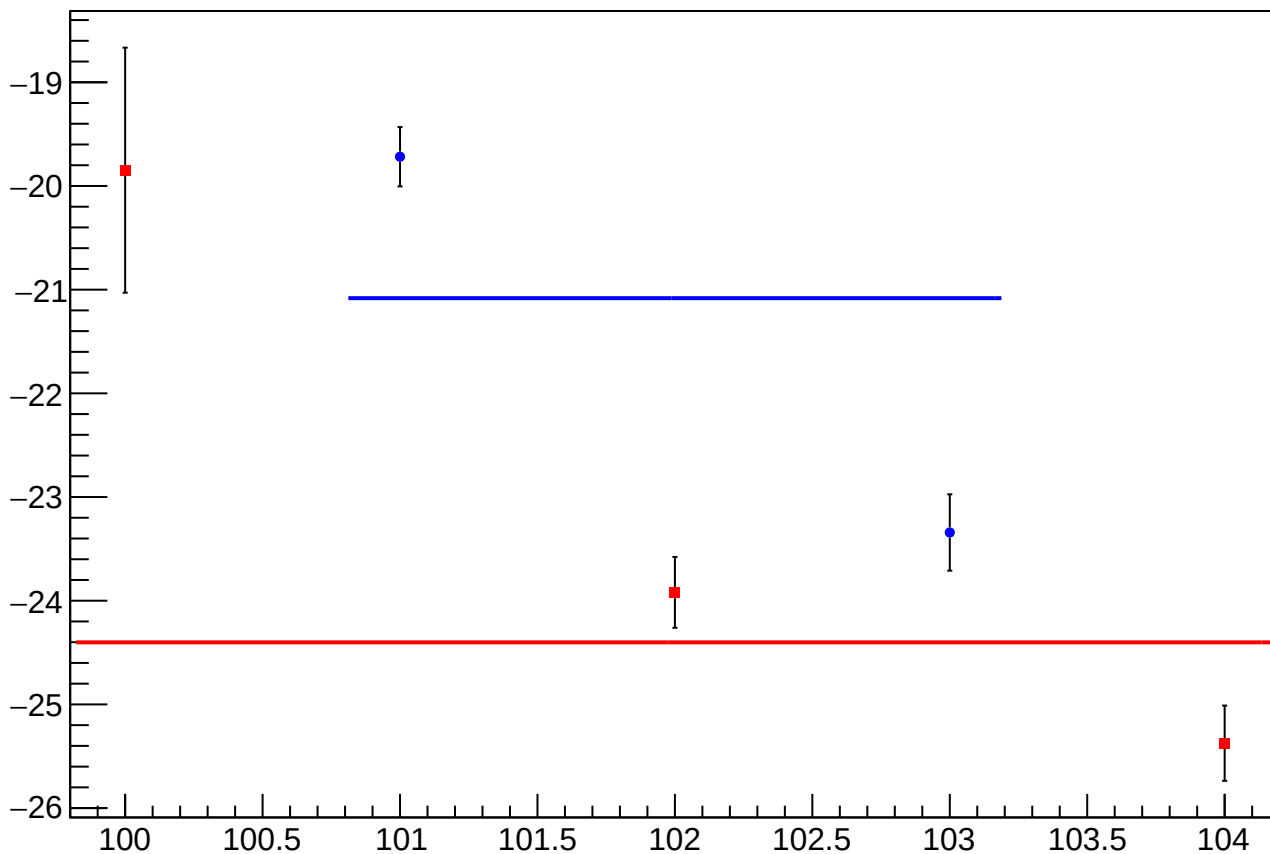
Right: -25.156+/-0.188 χ^2/NDF : 940.4/4

In: -23.921+/-0.255 χ^2/NDF : 419.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.156+/-0.188 χ^2/NDF : 940.4/4

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -21.082 ± 0.226 χ^2/NDF : 60.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.402 ± 0.243 χ^2/NDF : 24.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

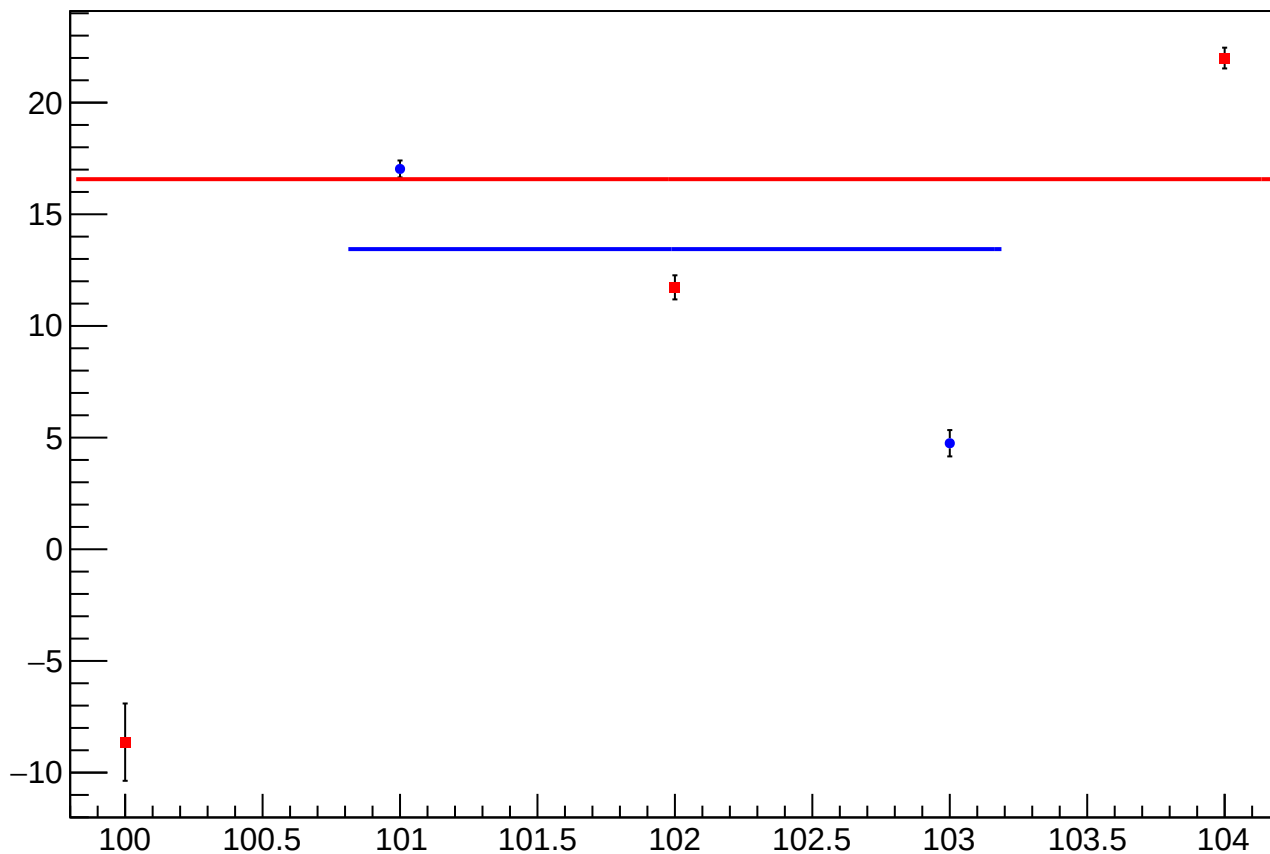
Right: -22.618 ± 0.166 χ^2/NDF : 184.4/4

In: -21.082 ± 0.226 χ^2/NDF : 60.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.618 ± 0.166 χ^2/NDF : 184.4/4

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.441+/-0.319 χ^2/NDF : 307.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.572+/-0.345 χ^2/NDF : 428.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

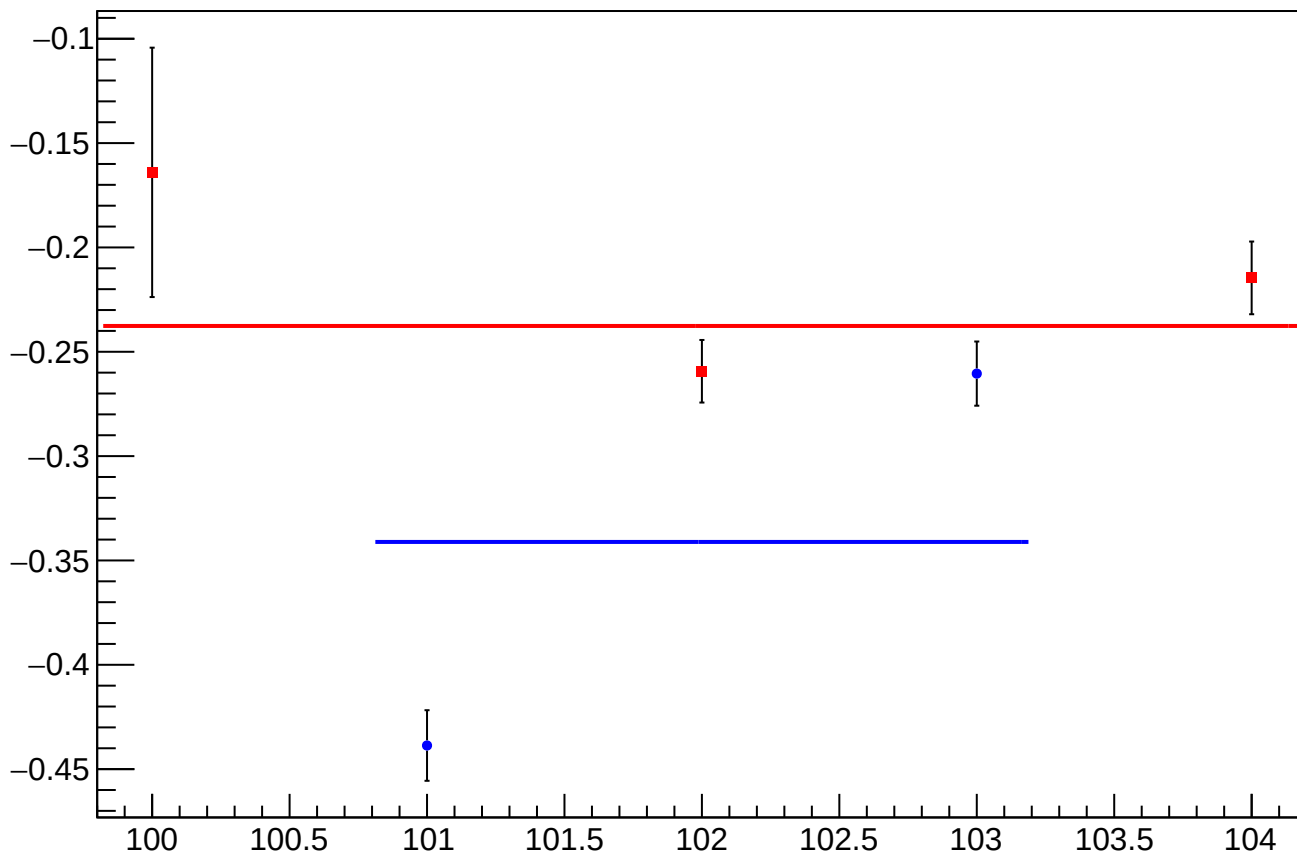
Right: 14.882+/-0.234 χ^2/NDF : 780.0/4

In: 13.441+/-0.319 χ^2/NDF : 307.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.882+/-0.234 χ^2/NDF : 780.0/4

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.341+/-0.011 χ^2/NDF : 60.8/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.238+/-0.011 χ^2/NDF : 5.4/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

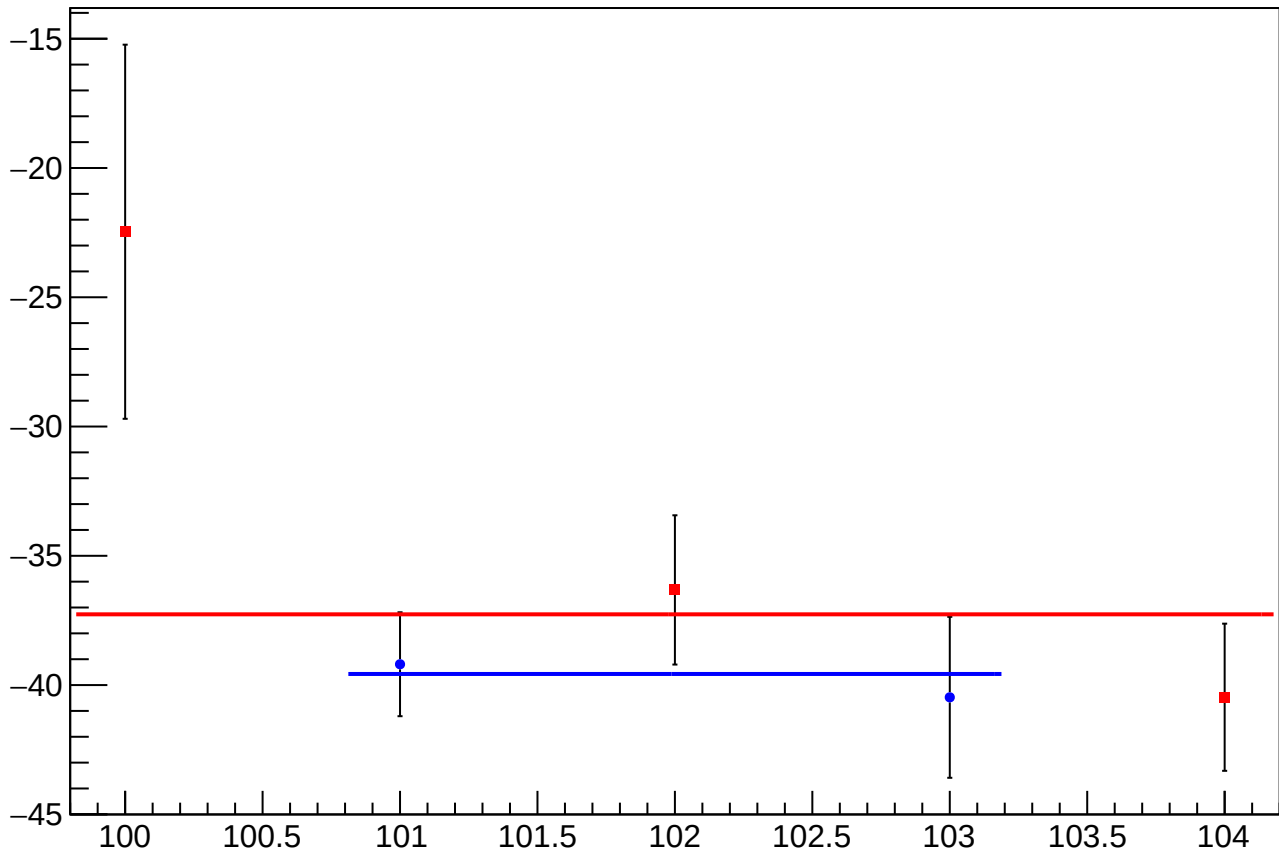
Right: -0.288+/-0.008 χ^2/NDF : 108.3/4

In: -0.341+/-0.011 χ^2/NDF :60.8/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.288+/-0.008 χ^2/NDF : 108.3/4

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: -37.264 $\pm$ 1.952 χ^2 /NDF: 5.6/2

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

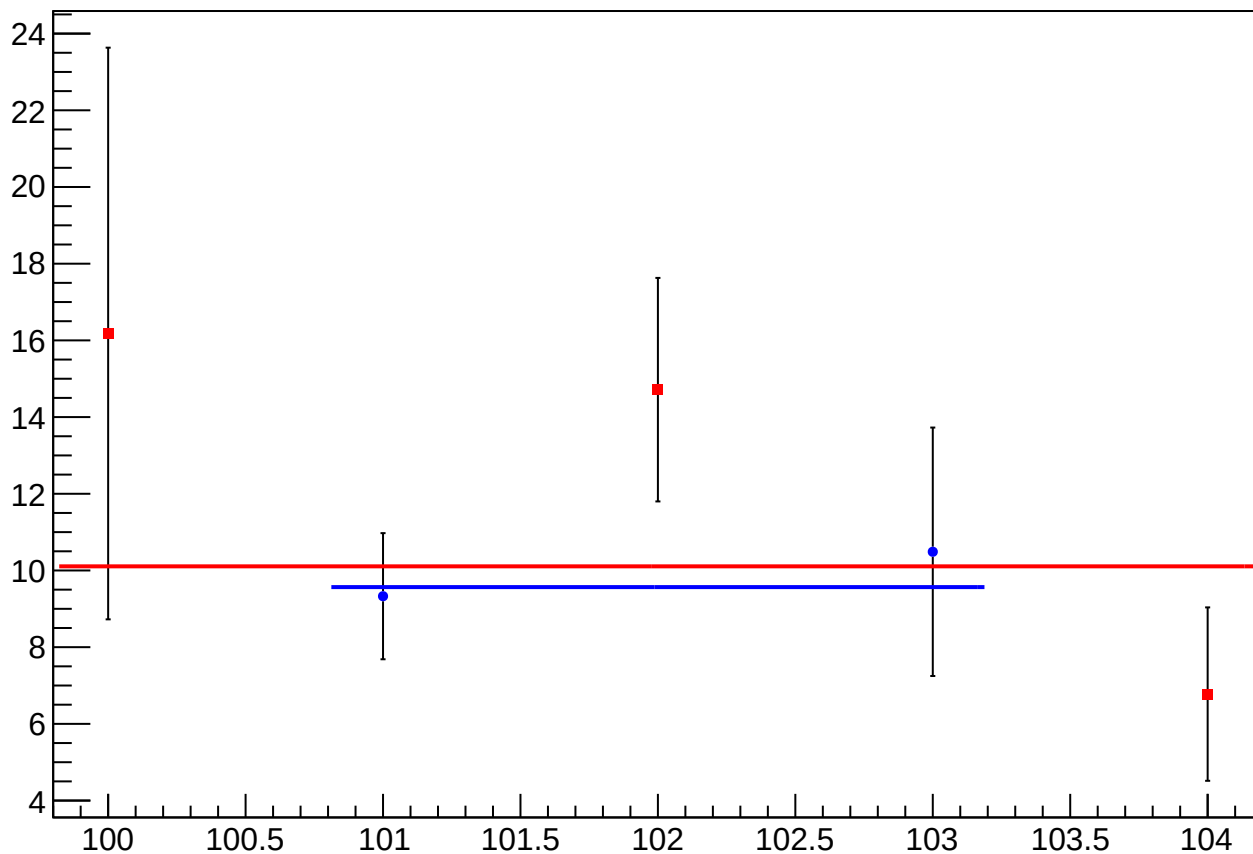
Right: -38.583 $\pm$ 1.277 χ^2 /NDF: 6.5/4

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: -38.583 $\pm$ 1.277 χ^2 /NDF: 6.5/4

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: 10.108 $\pm$ 1.737 χ^2 /NDF: 5.3/2

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

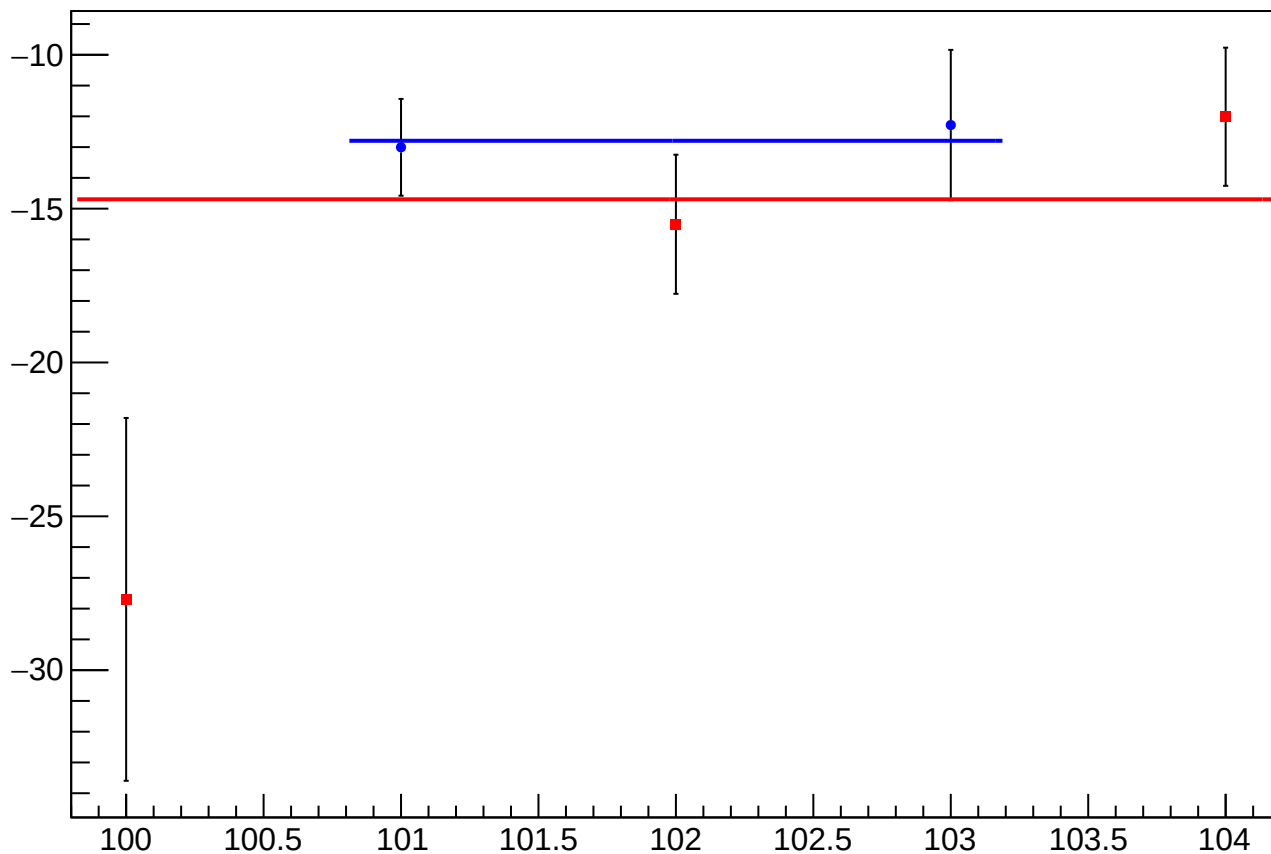
Right: 9.792 $\pm$ 1.121 χ^2 /NDF: 5.5/4

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: 9.792 $\pm$ 1.121 χ^2 /NDF: 5.5/4

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -12.794 ± 1.323 χ^2/NDF : 0.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.697 ± 1.538 χ^2/NDF : 6.4/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

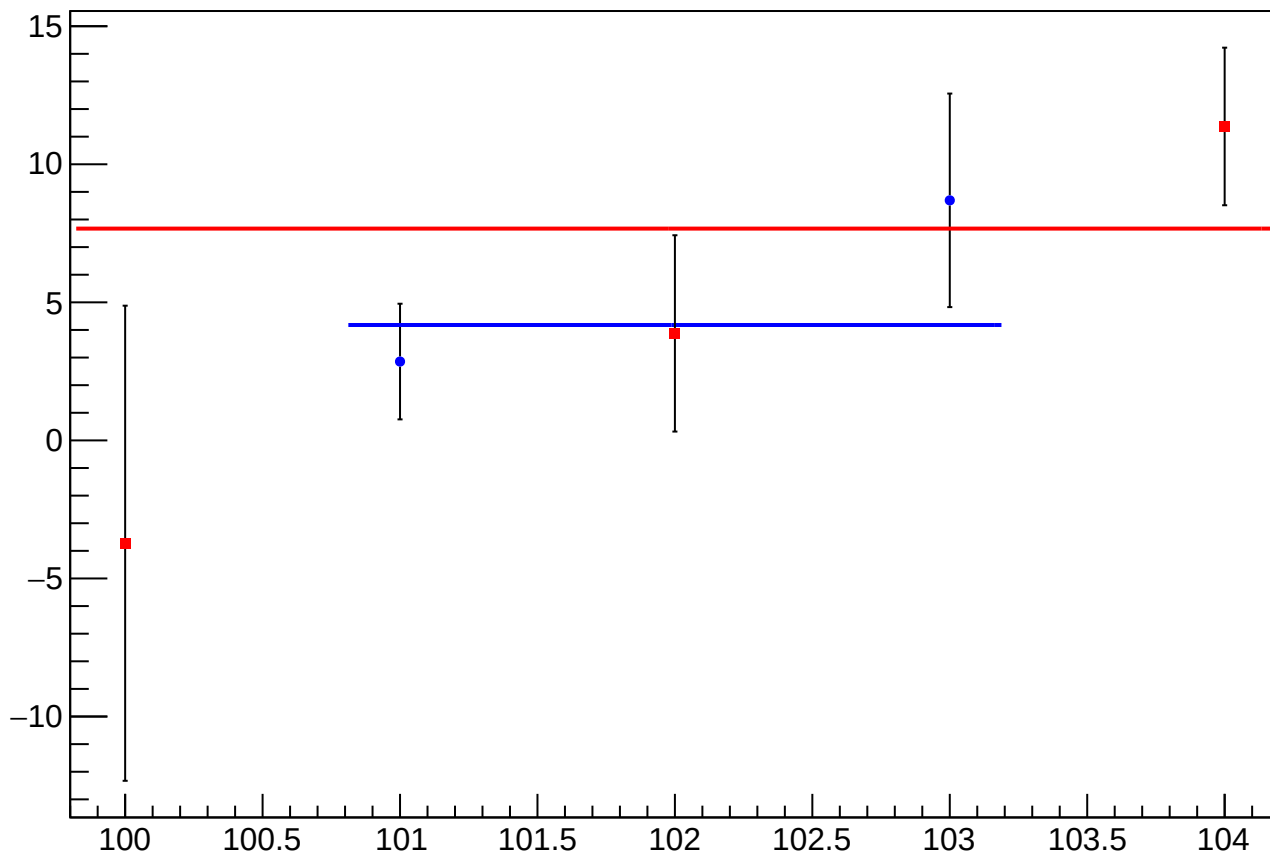
Right: -13.603 ± 1.003 χ^2/NDF : 7.4/4

In: -12.794 ± 1.323 χ^2/NDF : 0.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.603 ± 1.003 χ^2/NDF : 7.4/4

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.180+/-1.841 χ^2/NDF : 1.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.671+/-2.154 χ^2/NDF : 4.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

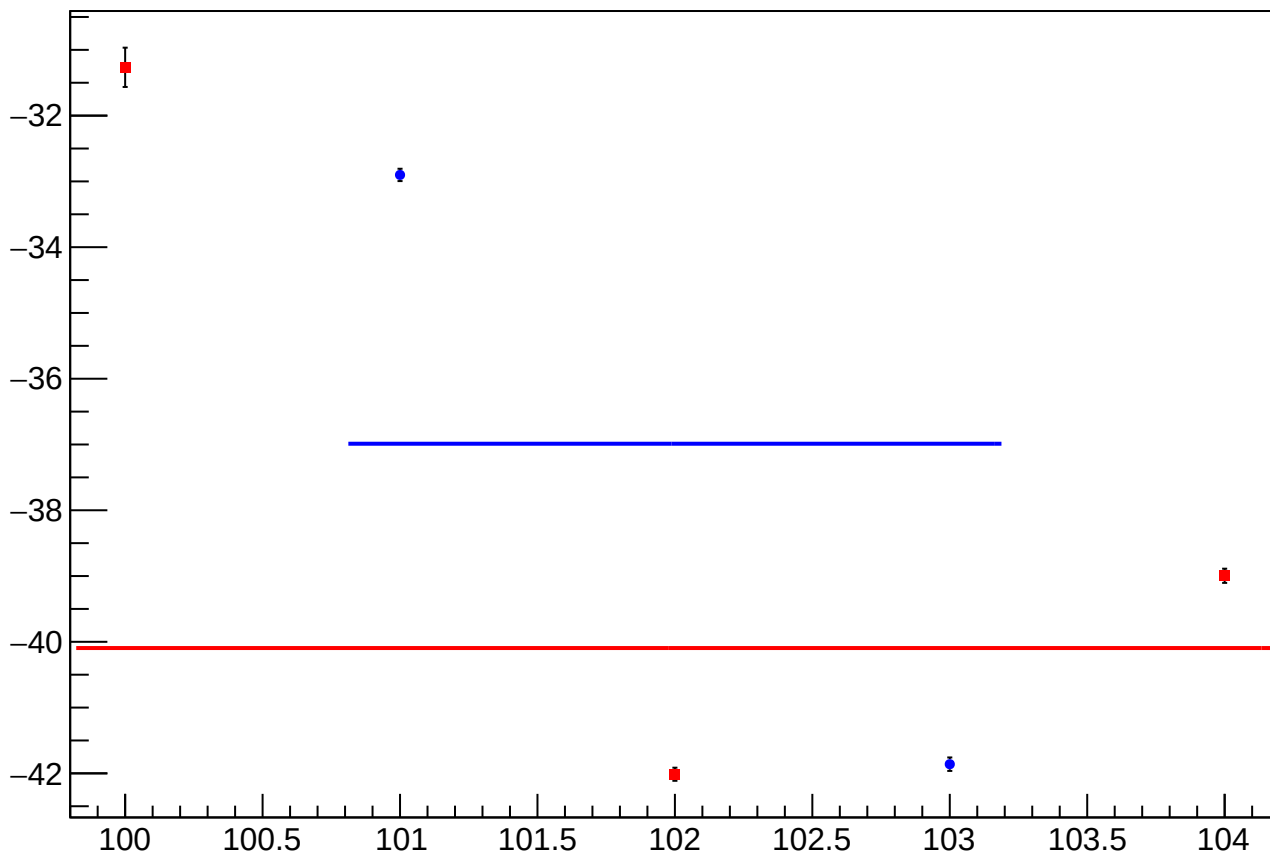
Right: 5.653+/-1.400 χ^2/NDF : 7.9/4

In: 4.180+/-1.841 χ^2/NDF : 1.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.653+/-1.400 χ^2/NDF : 7.9/4

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: -40.095 ± 0.071 $\chi^2/\text{NDF}: 1348.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

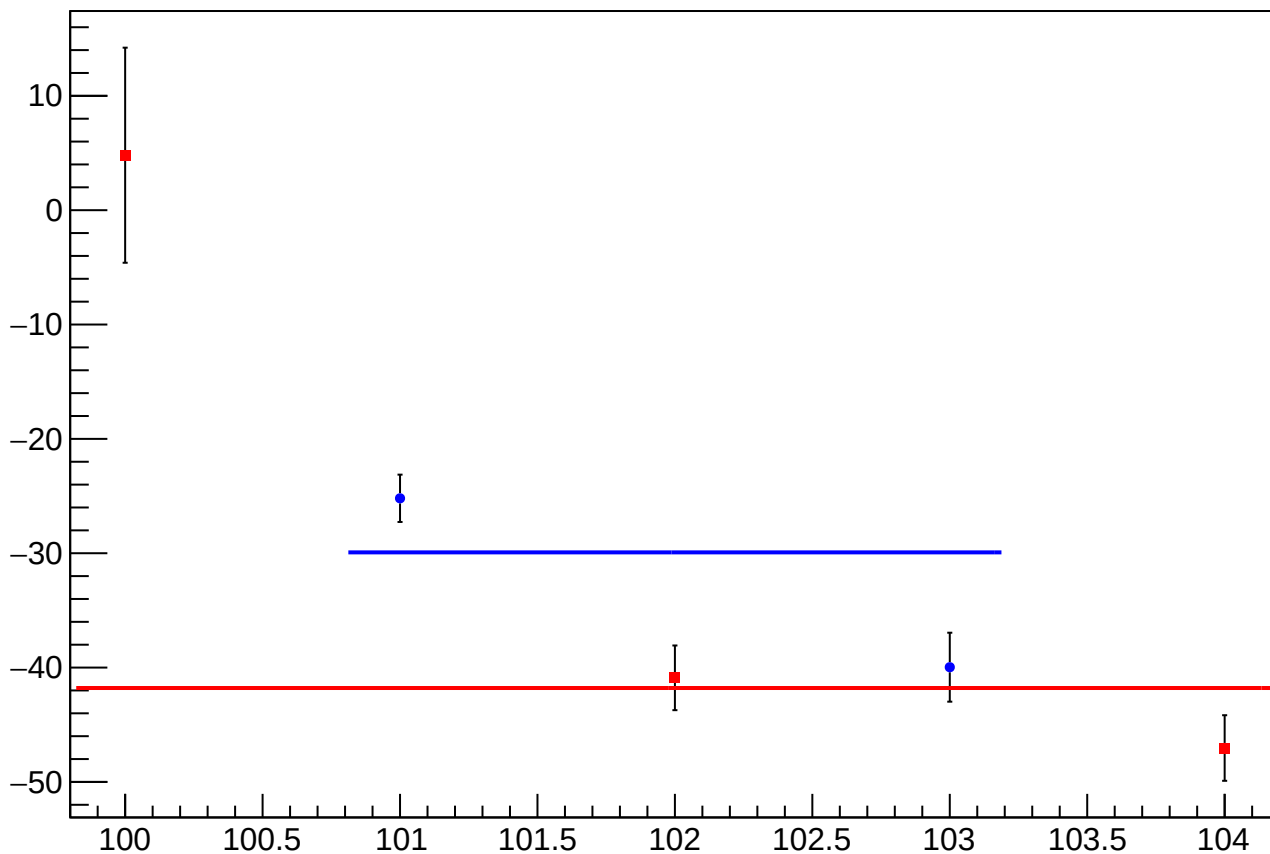
Right: -38.498 ± 0.050 $\chi^2/\text{NDF}: 6498.0/4$

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: -38.498 ± 0.050 $\chi^2/\text{NDF}: 6498.0/4$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.925+/-1.706 χ^2/NDF : 16.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.787+/-1.969 χ^2/NDF : 28.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

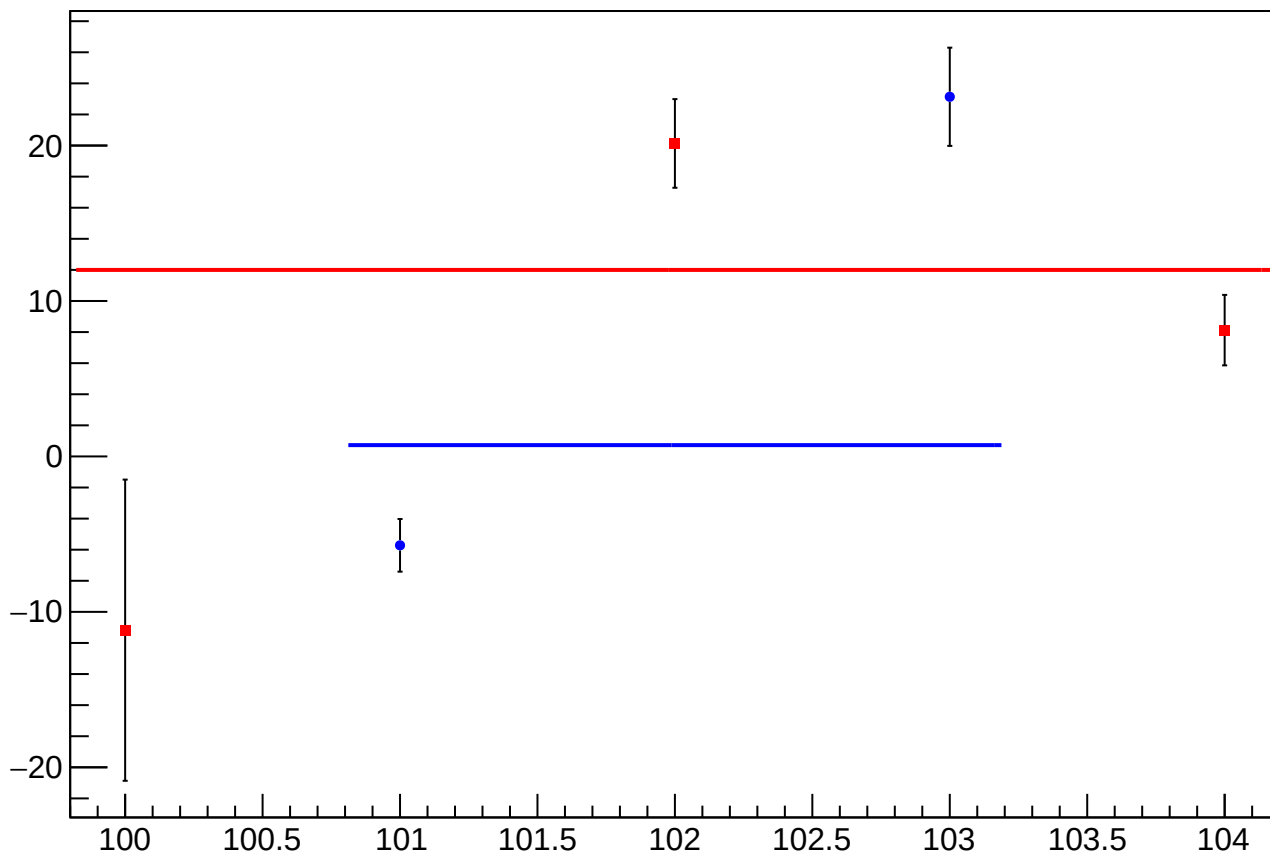
Right: -35.013+/-1.289 χ^2/NDF : 65.0/4

In: -29.925+/-1.706 χ^2/NDF : 16.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.013+/-1.289 χ^2/NDF : 65.0/4

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.727 ± 1.493 $\chi^2/\text{NDF}: 64.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.998 ± 1.745 $\chi^2/\text{NDF}: 16.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

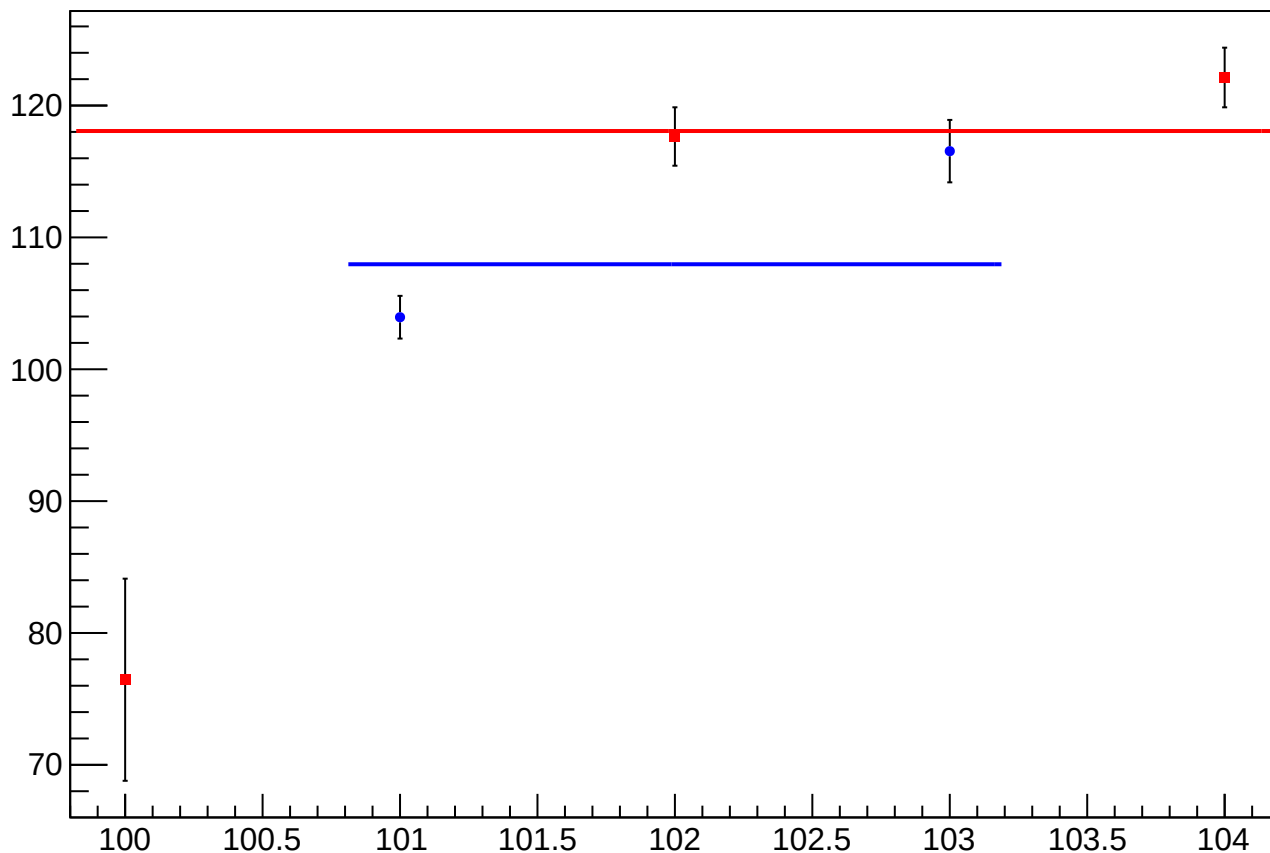
Right: 5.491 ± 1.135 $\chi^2/\text{NDF}: 105.6/4$

In: 0.727 ± 1.493 $\chi^2/\text{NDF}: 64.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 5.491 ± 1.135 $\chi^2/\text{NDF}: 105.6/4$

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 107.963+/-1.337 χ^2/NDF : 19.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.068+/-1.550 χ^2/NDF : 32.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

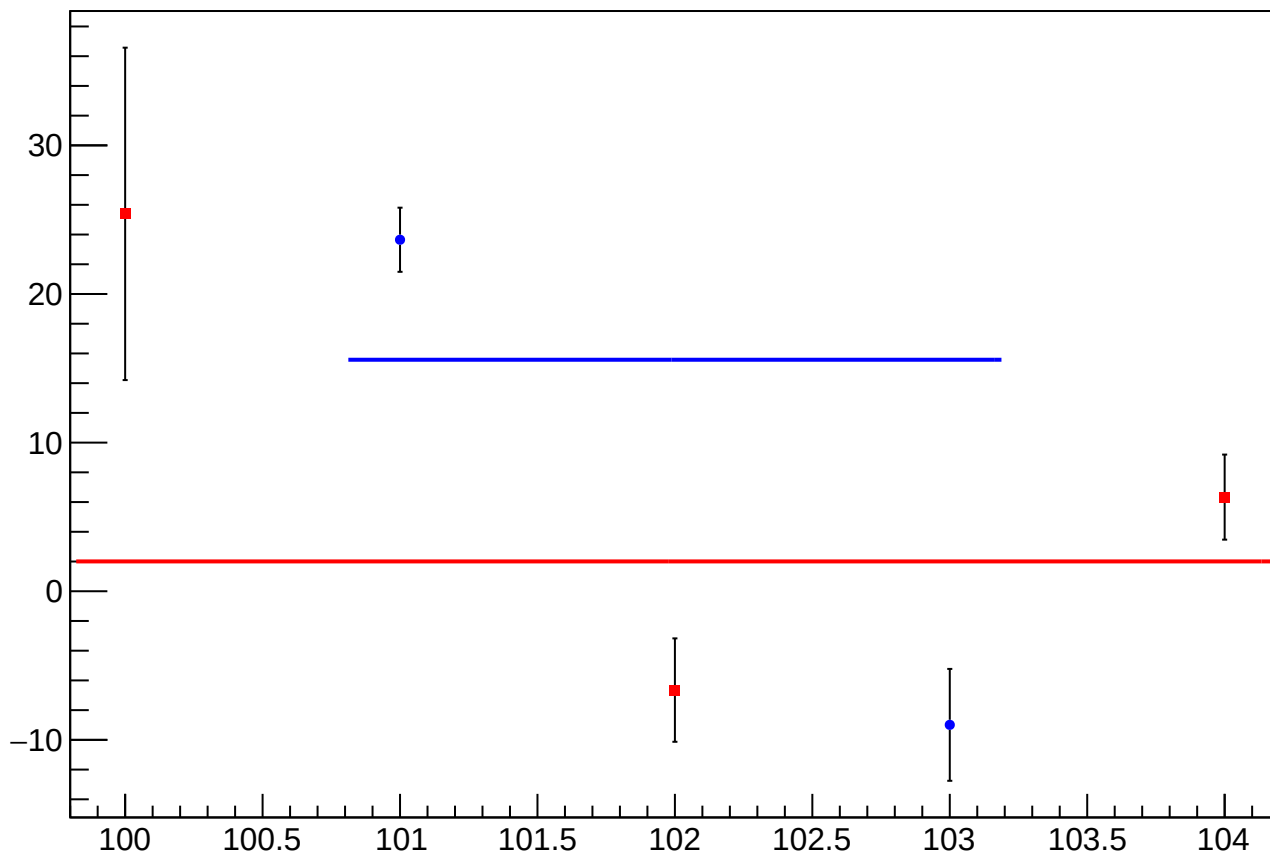
Right: 112.274+/-1.012 χ^2/NDF : 76.4/4

In: 107.963+/-1.337 χ^2/NDF : 19.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.274+/-1.012 χ^2/NDF : 76.4/4

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.576+/-1.872 χ^2/NDF : 56.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.007+/-2.168 χ^2/NDF : 12.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

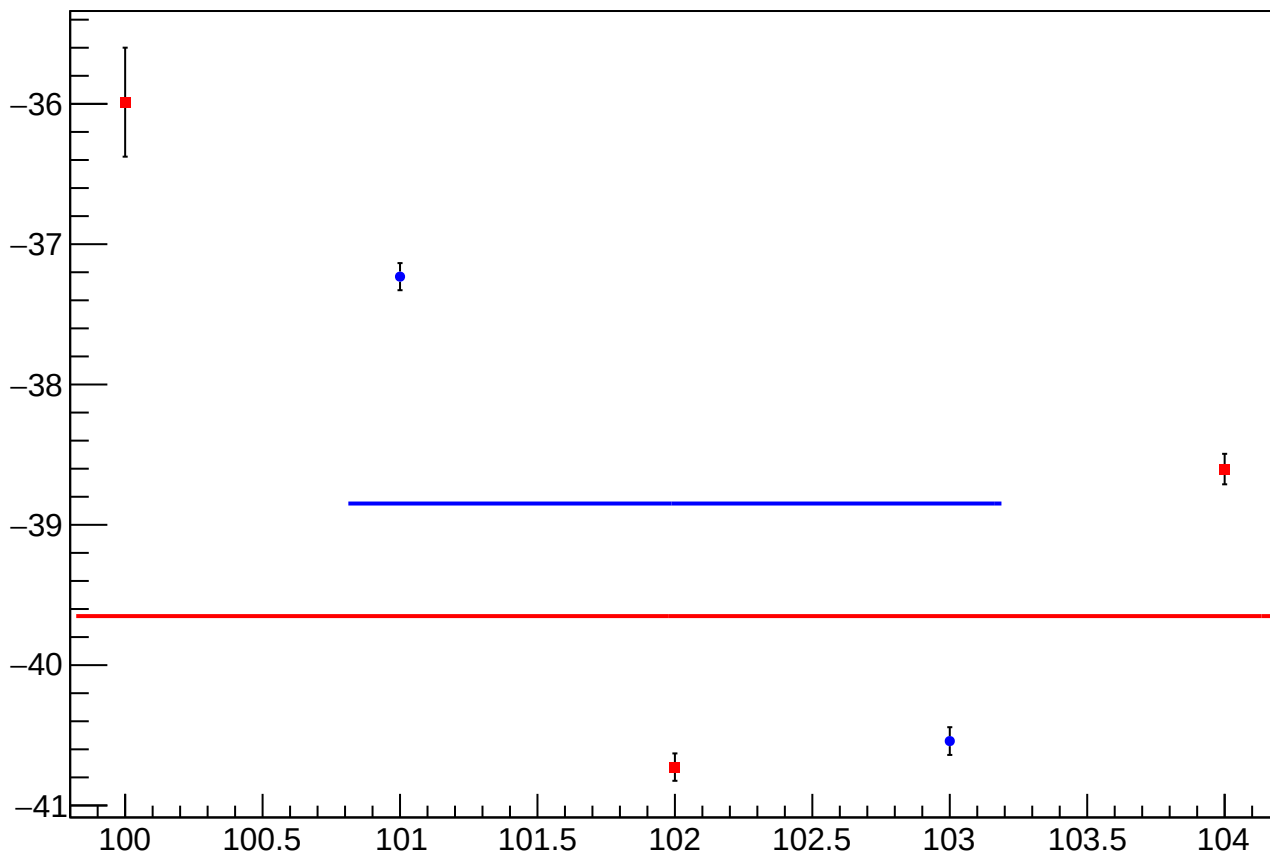
Right: 9.781+/-1.417 χ^2/NDF : 91.9/4

In: 15.576+/-1.872 χ^2/NDF : 56.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.781+/-1.417 χ^2/NDF : 91.9/4

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.848 ± 0.069 $\chi^2/\text{NDF}: 573.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.650 ± 0.071 $\chi^2/\text{NDF}: 303.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

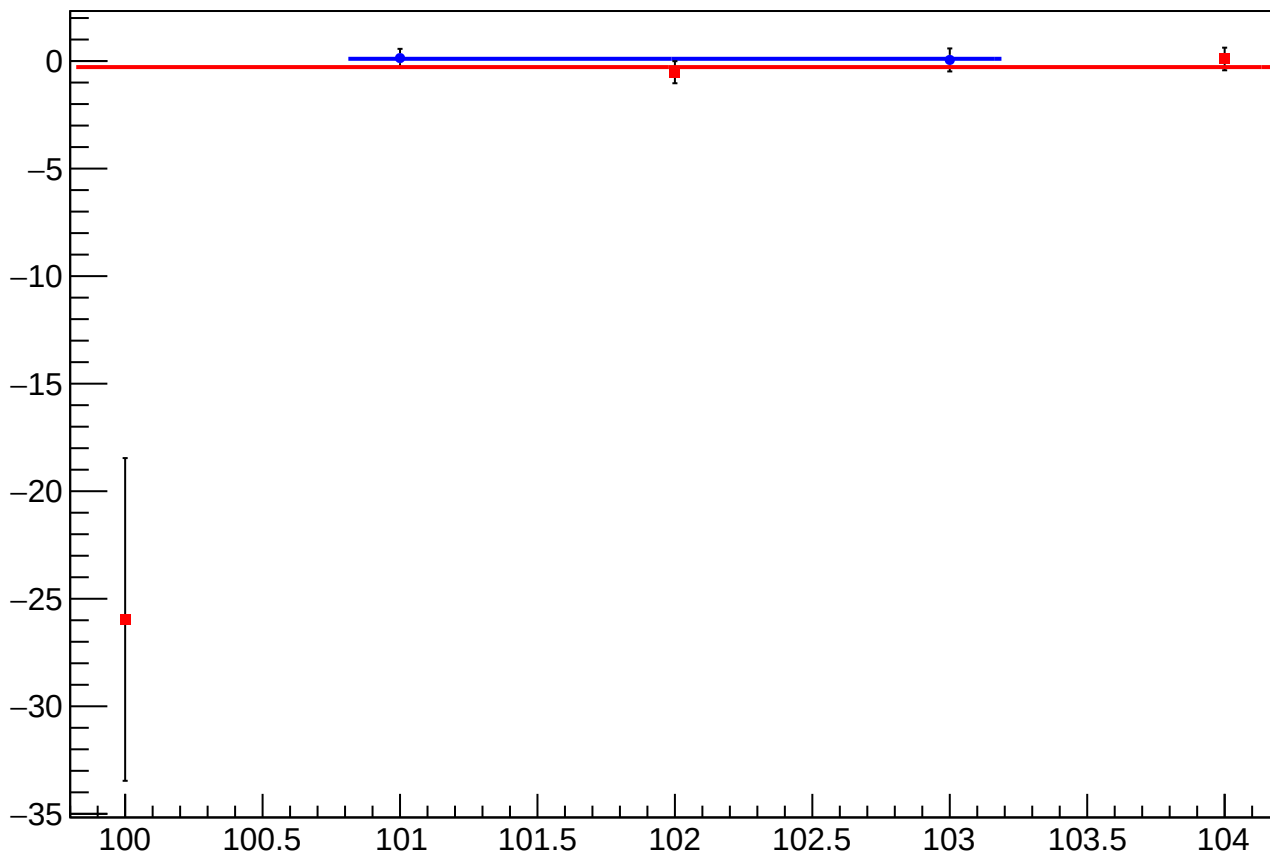
Right: -39.236 ± 0.050 $\chi^2/\text{NDF}: 942.2/4$

In: -38.848 ± 0.069 $\chi^2/\text{NDF}: 573.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.236 ± 0.050 $\chi^2/\text{NDF}: 942.2/4$

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: -0.281+/-0.367 χ^2/NDF : 12.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

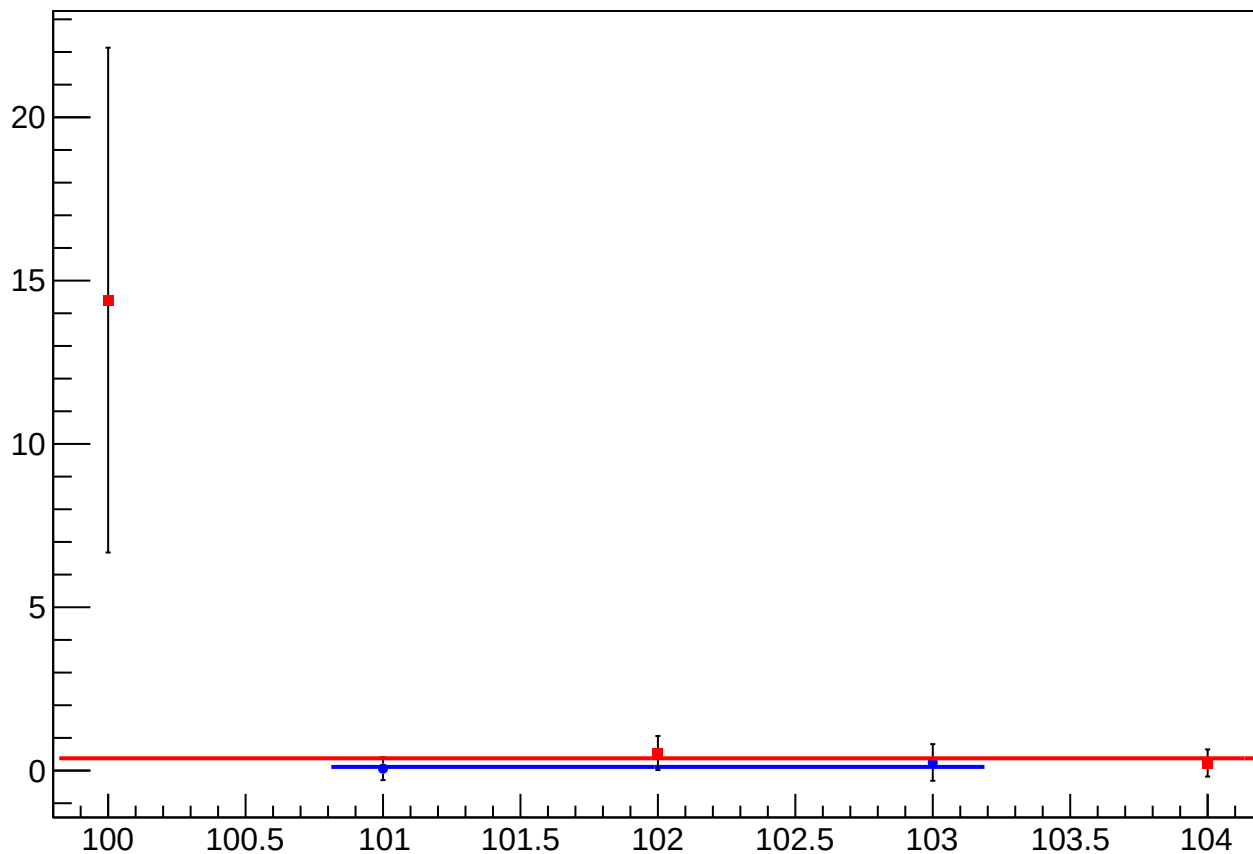
Right: -0.070+/-0.247 χ^2/NDF : 13.1/4

In: 0.105+/-0.334 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.070+/-0.247 χ^2/NDF : 13.1/4

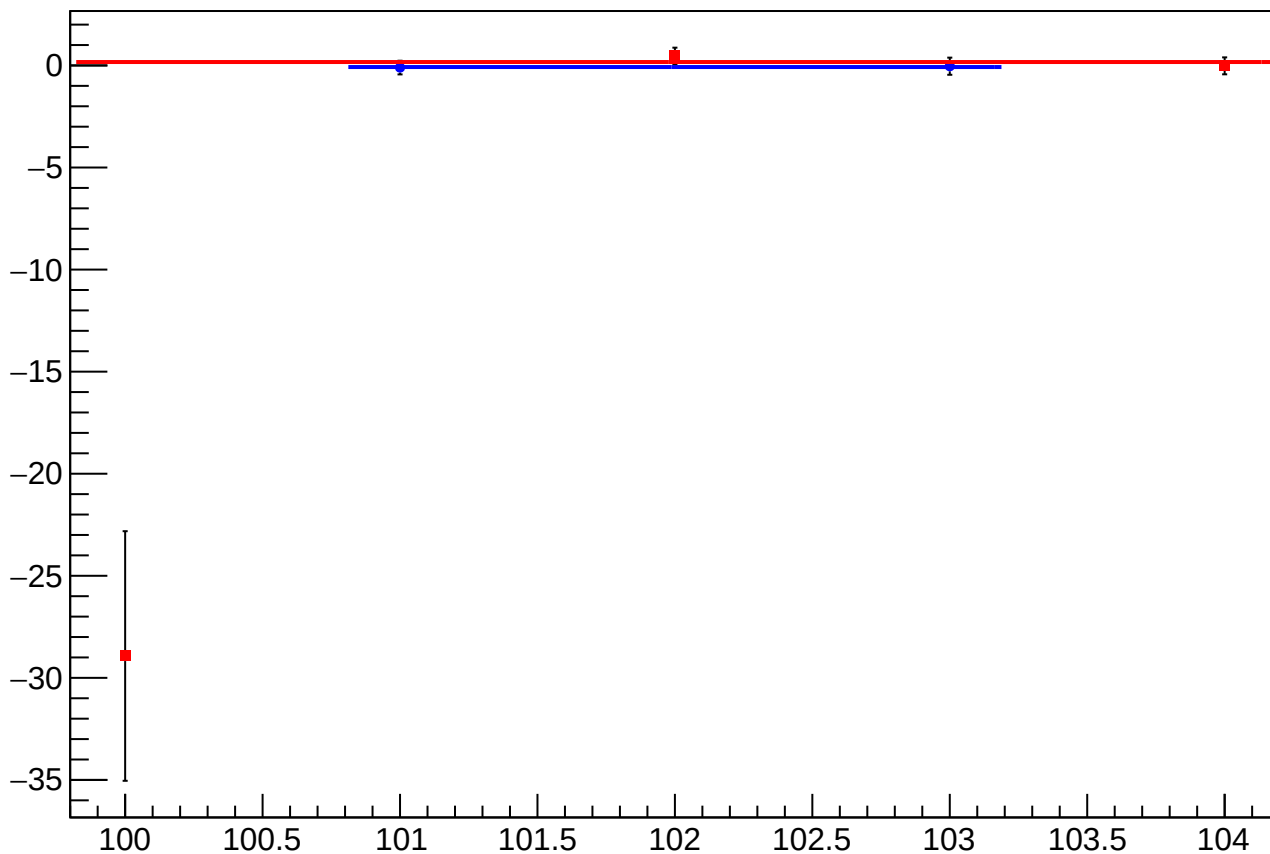
reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 0.376 $\pm$ 0.325 χ^2 /NDF: 3.5/2
 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: 0.232 $\pm$ 0.219 χ^2 /NDF: 4.0/4
 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: 0.232 $\pm$ 0.219 χ^2 /NDF: 4.0/4

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: 0.168 ± 0.288 χ^2/NDF : 23.4/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

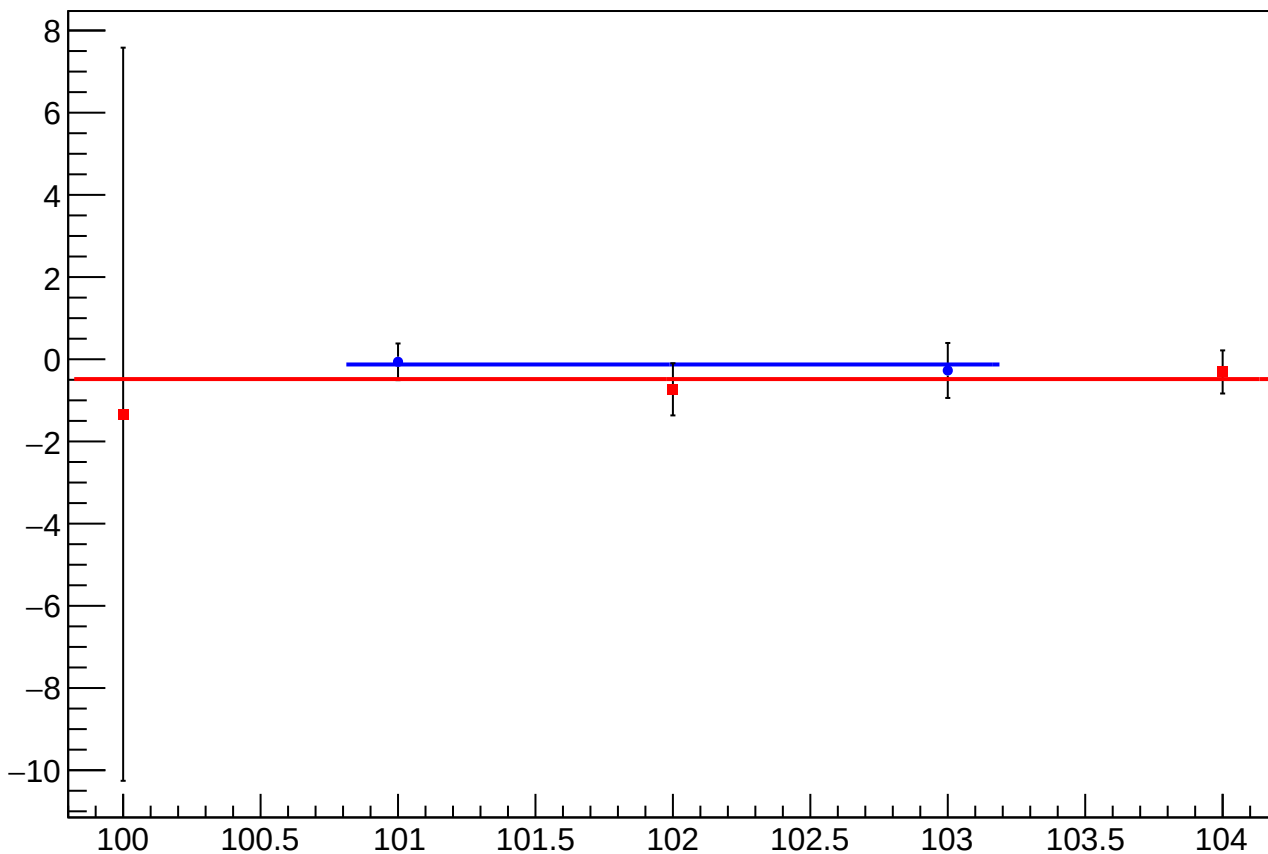
Right: 0.033 ± 0.194 χ^2/NDF : 23.8/4

In: -0.078 ± 0.262 χ^2/NDF : 0.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.194 χ^2/NDF : 23.8/4

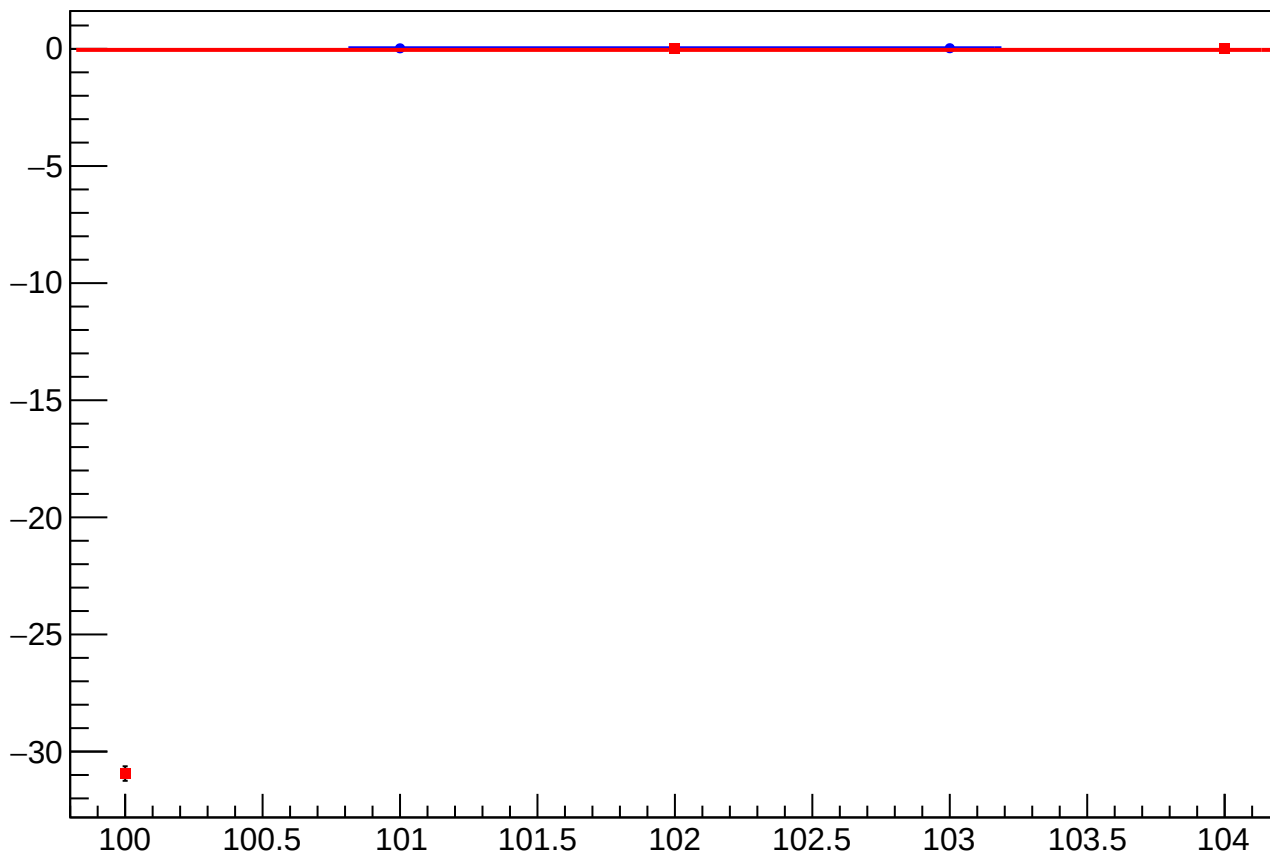
reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -0.482 $\pm$ 0.404 χ^2 /NDF: 0.3/2
 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: -0.290 $\pm$ 0.273 χ^2 /NDF: 0.8/4
 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: -0.290 $\pm$ 0.273 χ^2 /NDF: 0.8/4

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.013 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.013 χ^2 /NDF: 9967.2/2

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

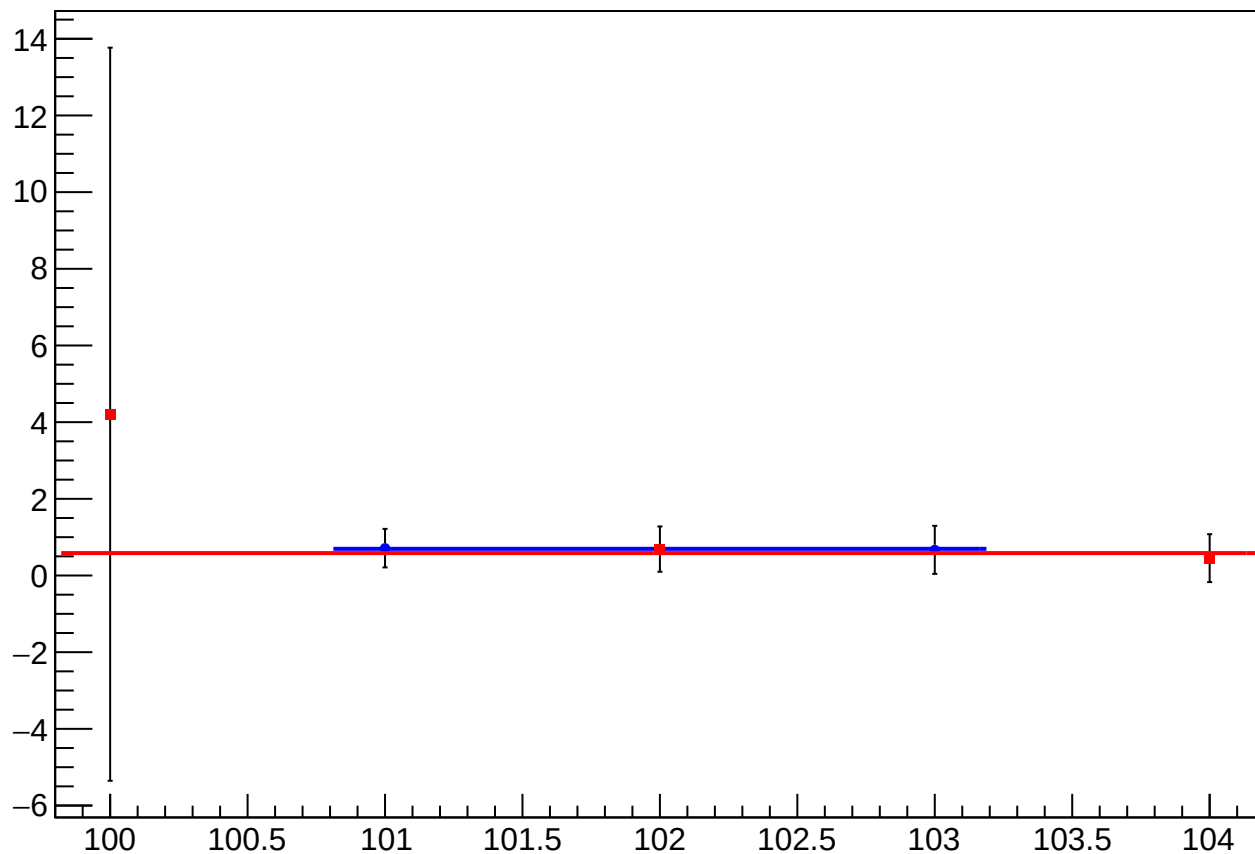
Right: -0.007 $\pm$ 0.009 χ^2 /NDF: 9981.1/4

In: 0.028 $\pm$ 0.013 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.009 χ^2 /NDF: 9981.1/4

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.696+/-0.392 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.585+/-0.429 χ^2/NDF : 0.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

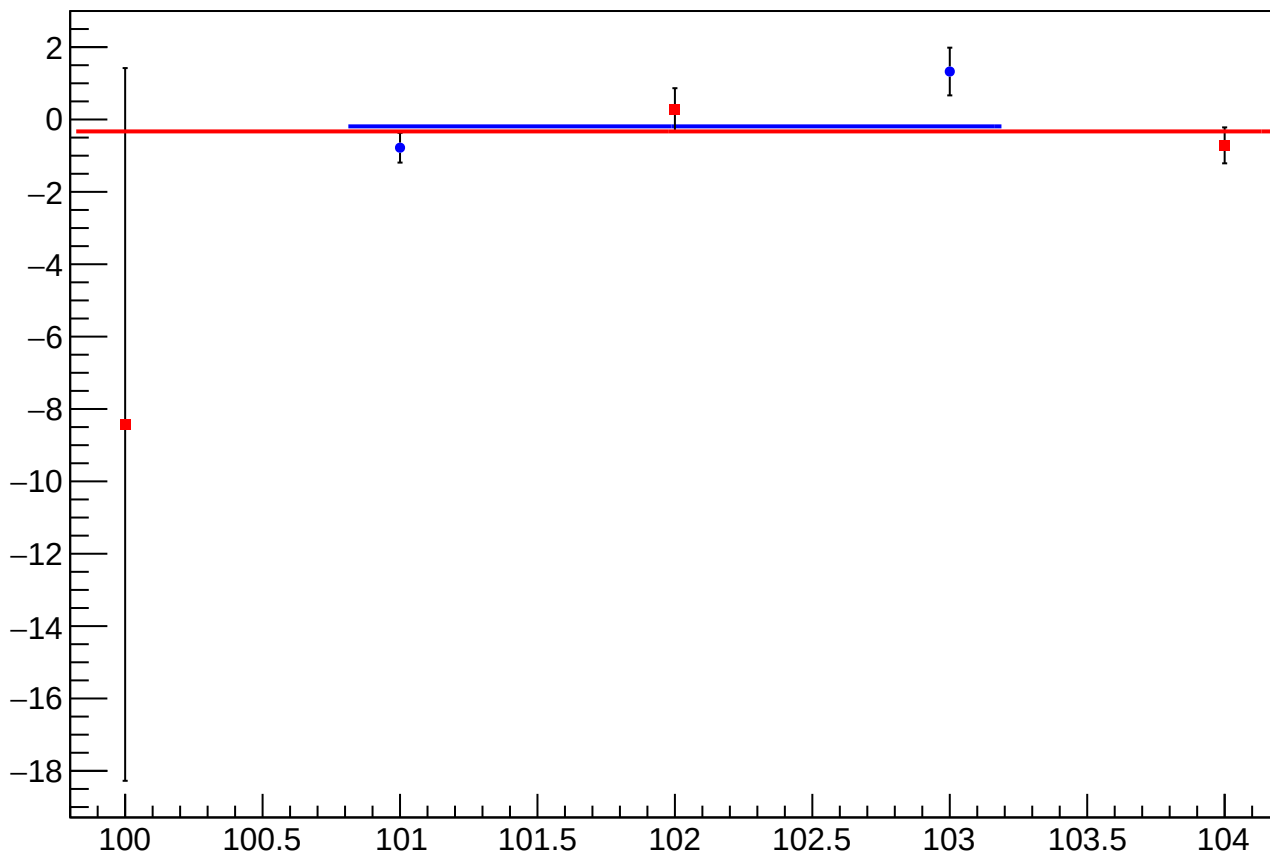
Right: 0.645+/-0.289 χ^2/NDF : 0.3/4

In: 0.696+/-0.392 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.645+/-0.289 χ^2/NDF : 0.3/4

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: -0.330 ± 0.383 $\chi^2/\text{NDF}: 2.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

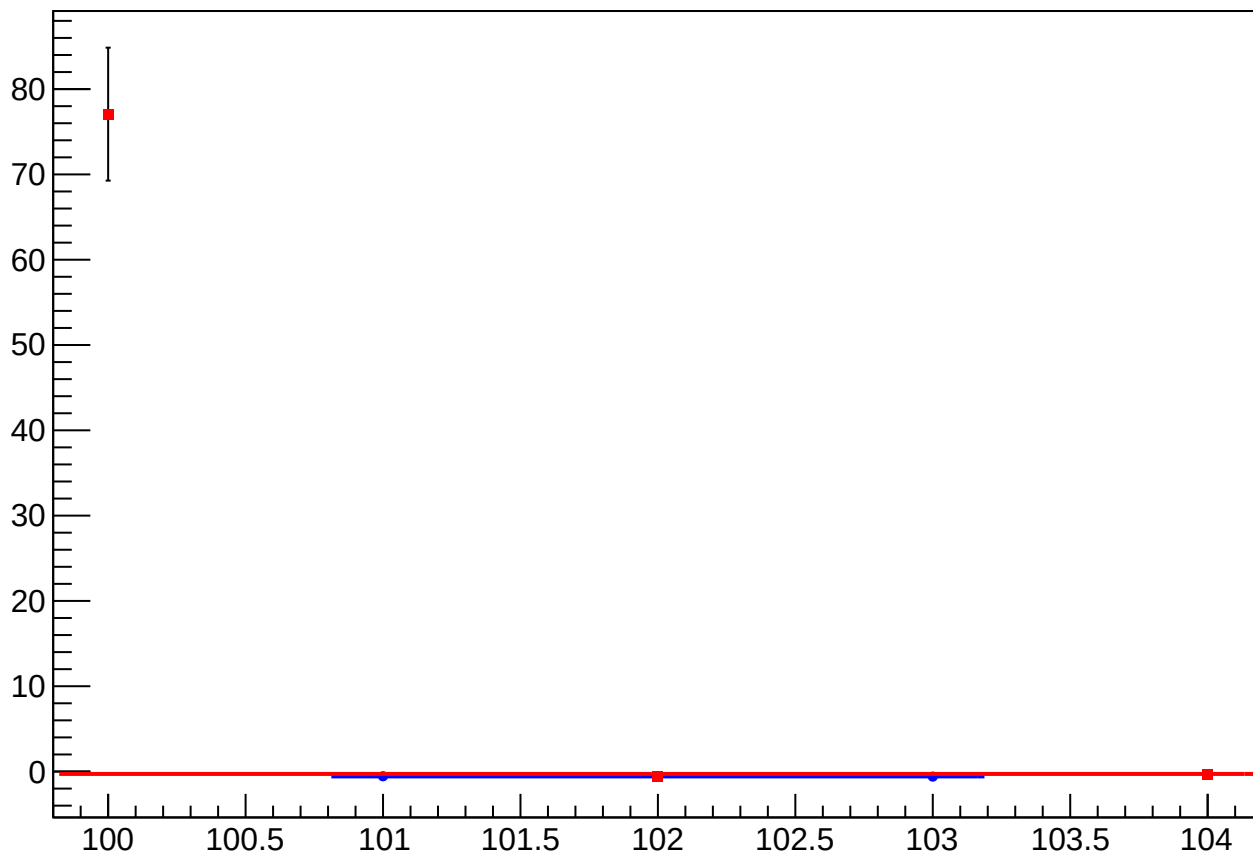
Right: -0.253 ± 0.258 $\chi^2/\text{NDF}: 9.7/4$

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: -0.253 ± 0.258 $\chi^2/\text{NDF}: 9.7/4$

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: -0.282 ± 0.337 $\chi^2/\text{NDF}: 98.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

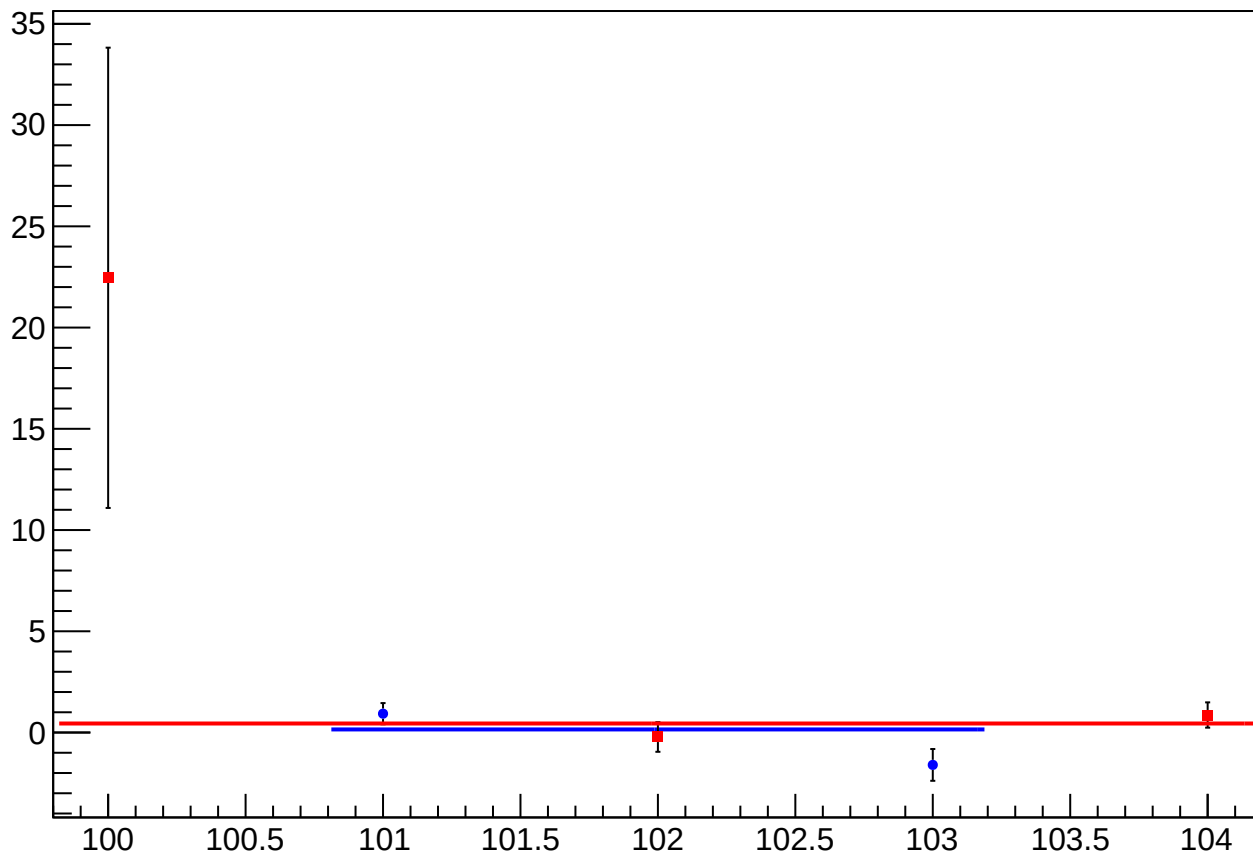
Right: -0.440 ± 0.227 $\chi^2/\text{NDF}: 99.2/4$

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: -0.440 ± 0.227 $\chi^2/\text{NDF}: 99.2/4$

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: 0.445+/-0.475 χ^2/NDF : 5.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

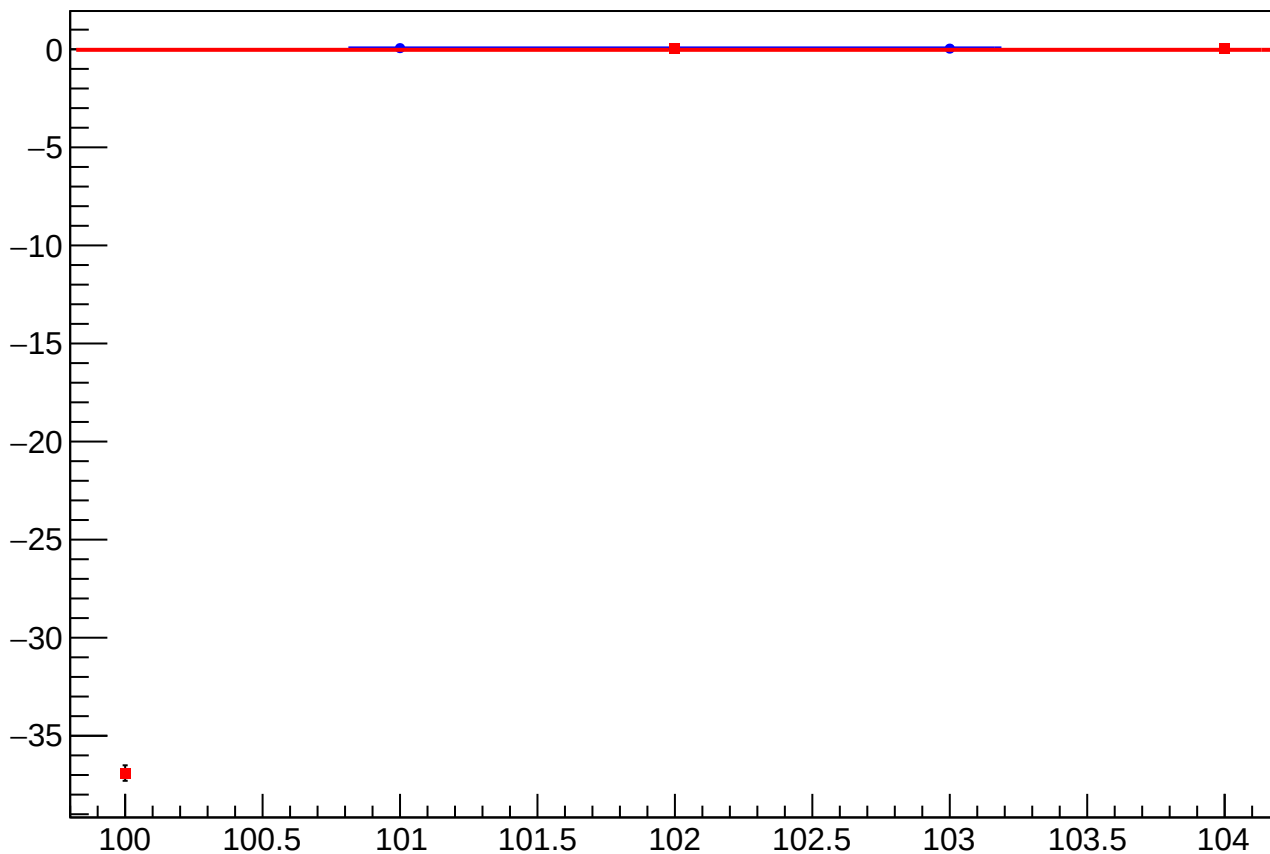
Right: 0.286+/-0.321 χ^2/NDF : 12.4/4

In: 0.152+/-0.435 χ^2/NDF : 7.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.286+/-0.321 χ^2/NDF : 12.4/4

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.044 $\pm$ 0.015 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.015 χ^2 /NDF: 8733.9/2

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

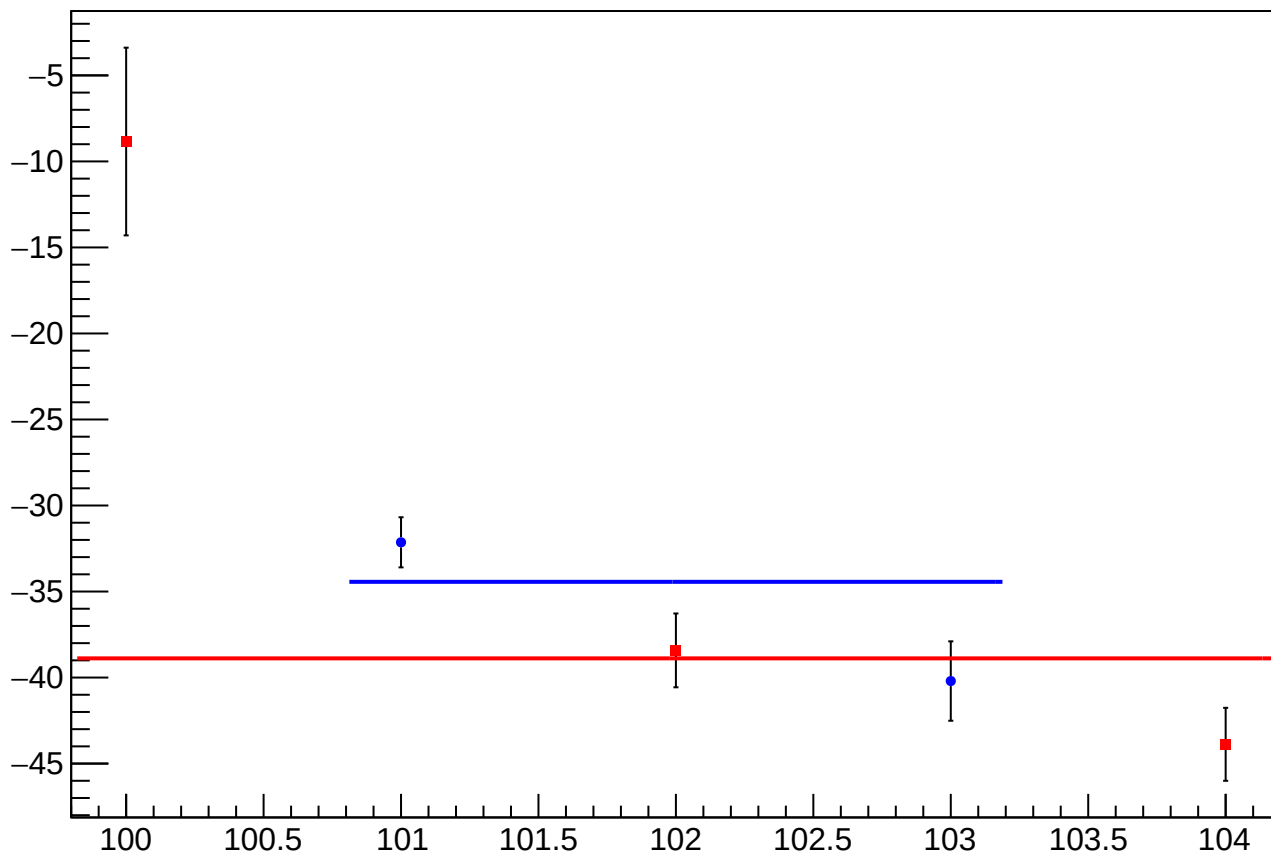
Right: 0.008 $\pm$ 0.011 χ^2 /NDF: 8745.5/4

In: 0.044 $\pm$ 0.015 χ^2 /NDF:0.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.011 χ^2 /NDF: 8745.5/4

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: -38.885+/-1.454 χ^2/NDF : 35.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

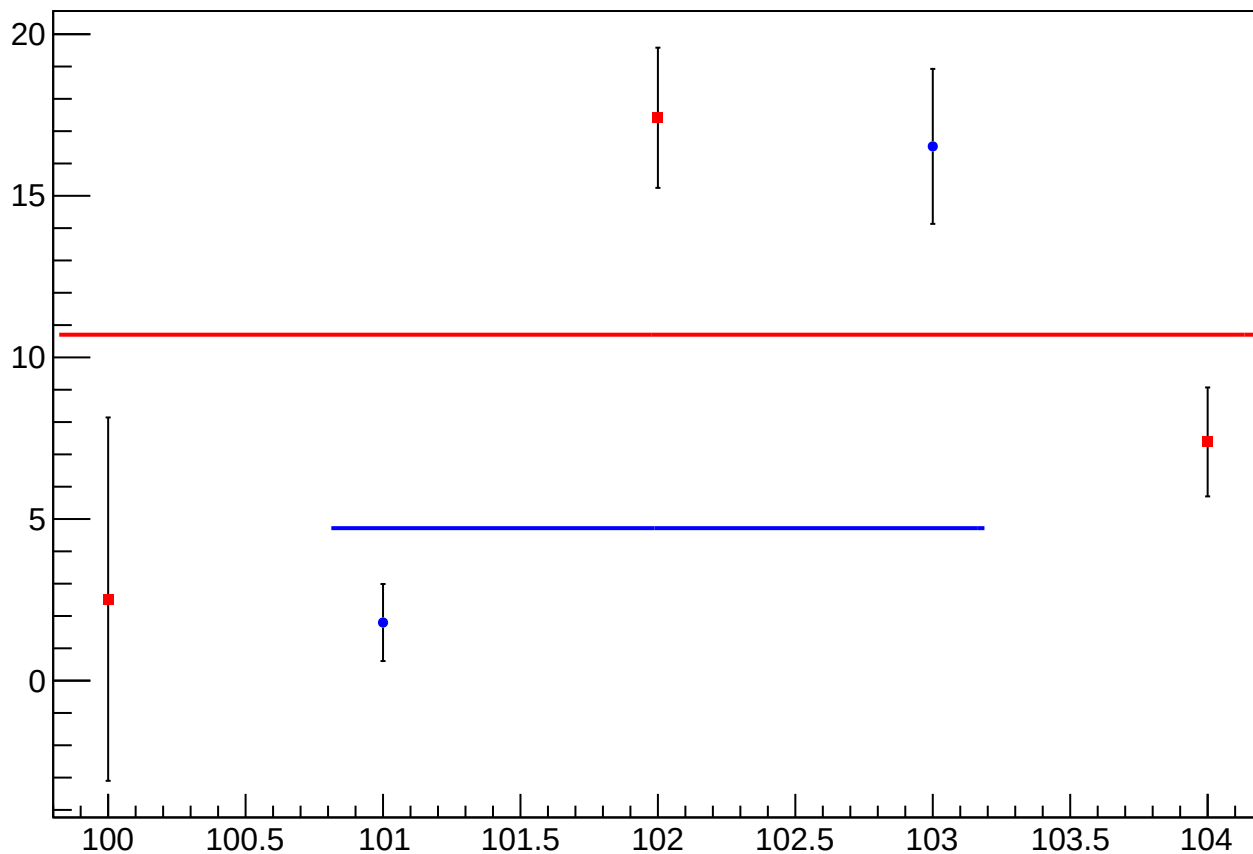
Right: -36.295+/-0.940 χ^2/NDF : 50.1/4

In: -34.436+/-1.232 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.295+/-0.940 χ^2/NDF : 50.1/4

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.717 $\pm$ 1.067 χ^2 /NDF: 30.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.703 $\pm$ 1.295 χ^2 /NDF: 15.6/2

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

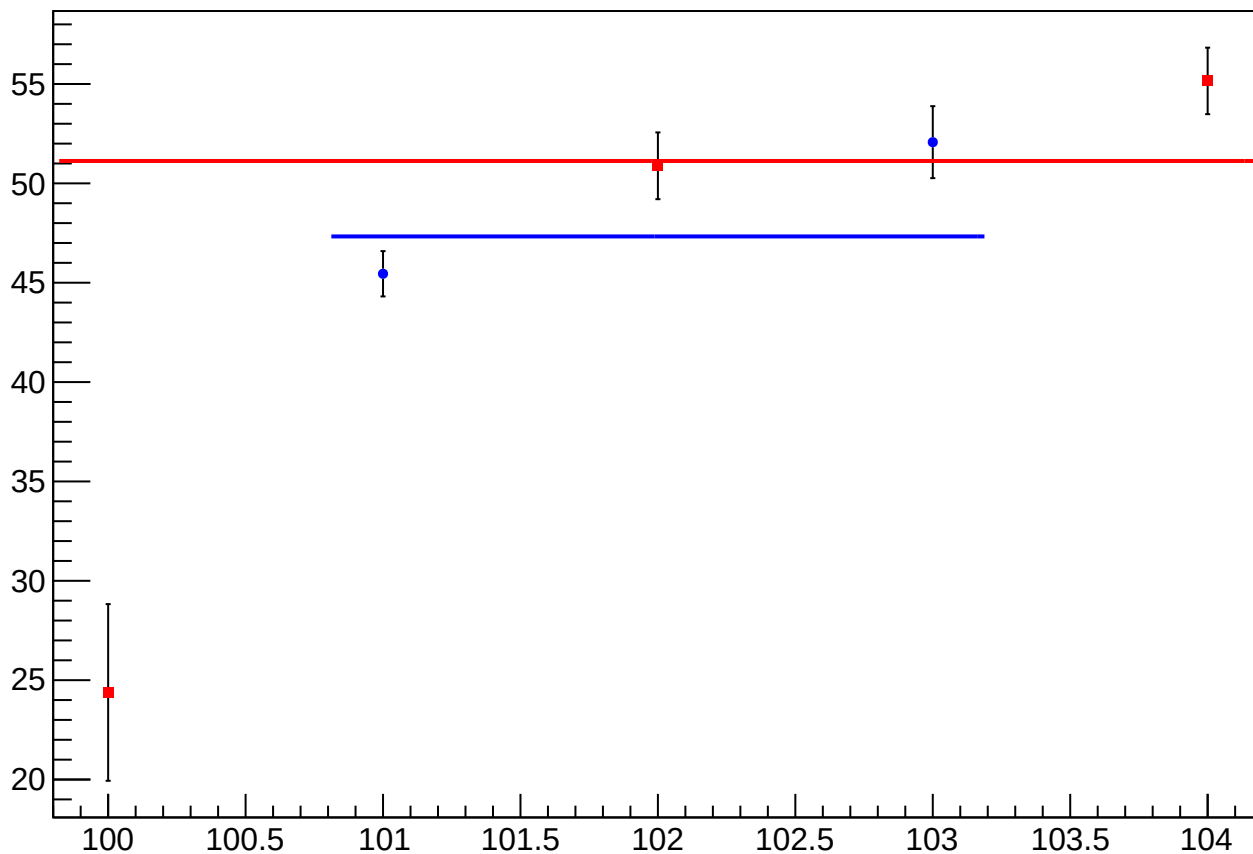
Right: 7.139 $\pm$ 0.824 χ^2 /NDF: 58.6/4

In: 4.717 $\pm$ 1.067 χ^2 /NDF: 30.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.139 $\pm$ 0.824 χ^2 /NDF: 58.6/4

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.329 $\pm$ 0.965 χ^2 /NDF: 9.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.126 $\pm$ 1.145 χ^2 /NDF: 42.0/2

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

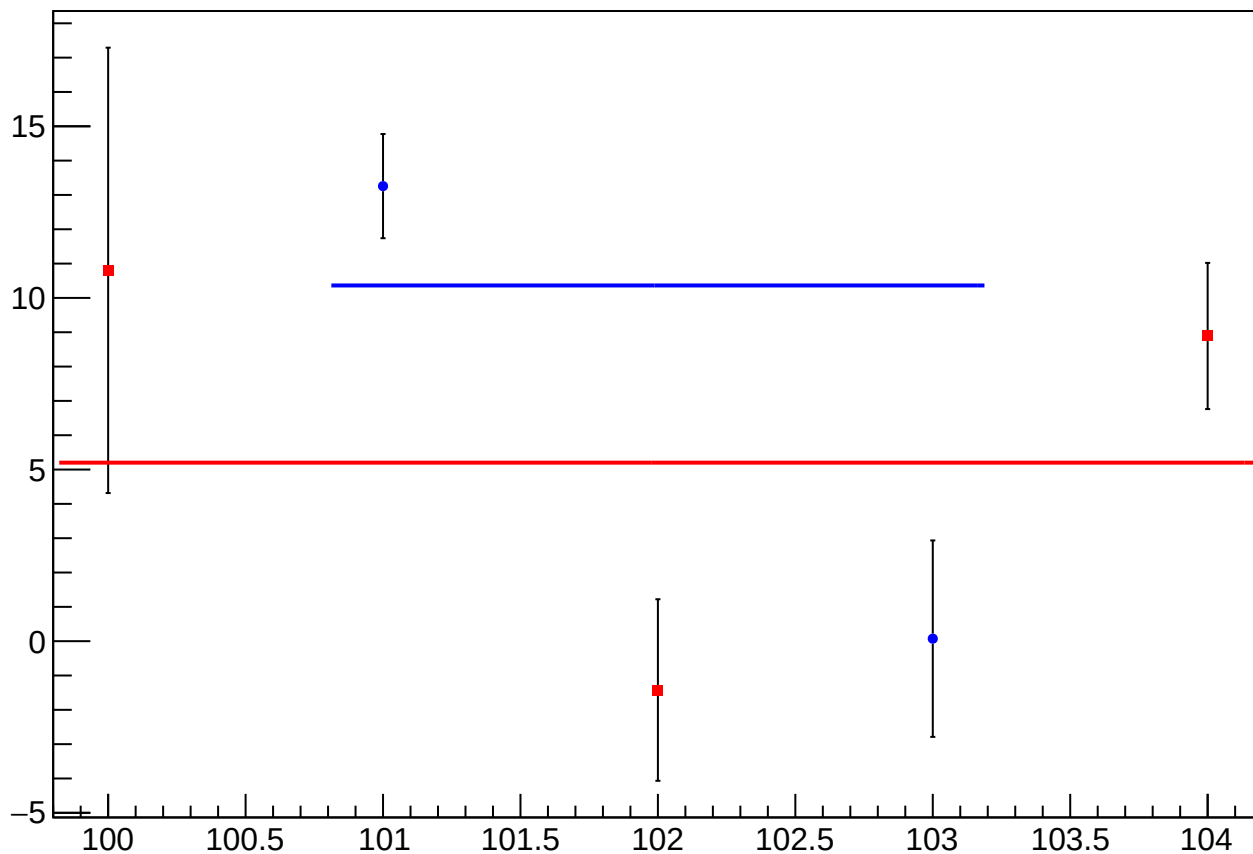
Right: 48.905 $\pm$ 0.738 χ^2 /NDF: 58.0/4

In: 47.329 $\pm$ 0.965 χ^2 /NDF: 9.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.905 $\pm$ 0.738 χ^2 /NDF: 58.0/4

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.363+/-1.341 χ^2/NDF : 16.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.201+/-1.607 χ^2/NDF : 10.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

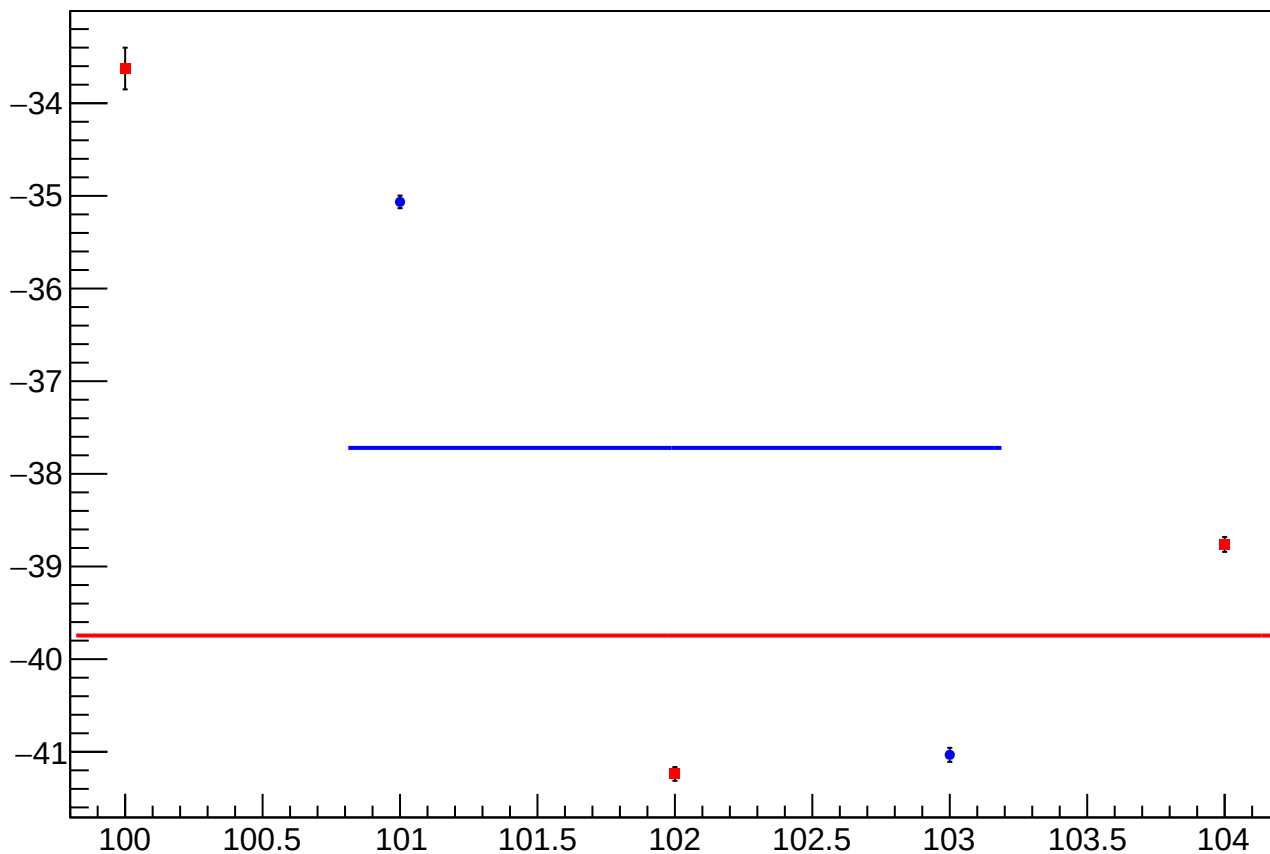
Right: 8.244+/-1.029 χ^2/NDF : 32.7/4

In: 10.363+/-1.341 χ^2/NDF : 16.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.244+/-1.029 χ^2/NDF : 32.7/4

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -37.720 $\pm$ 0.051 χ^2 /NDF: 3433.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.745 $\pm$ 0.053 χ^2 /NDF: 1294.2/2

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

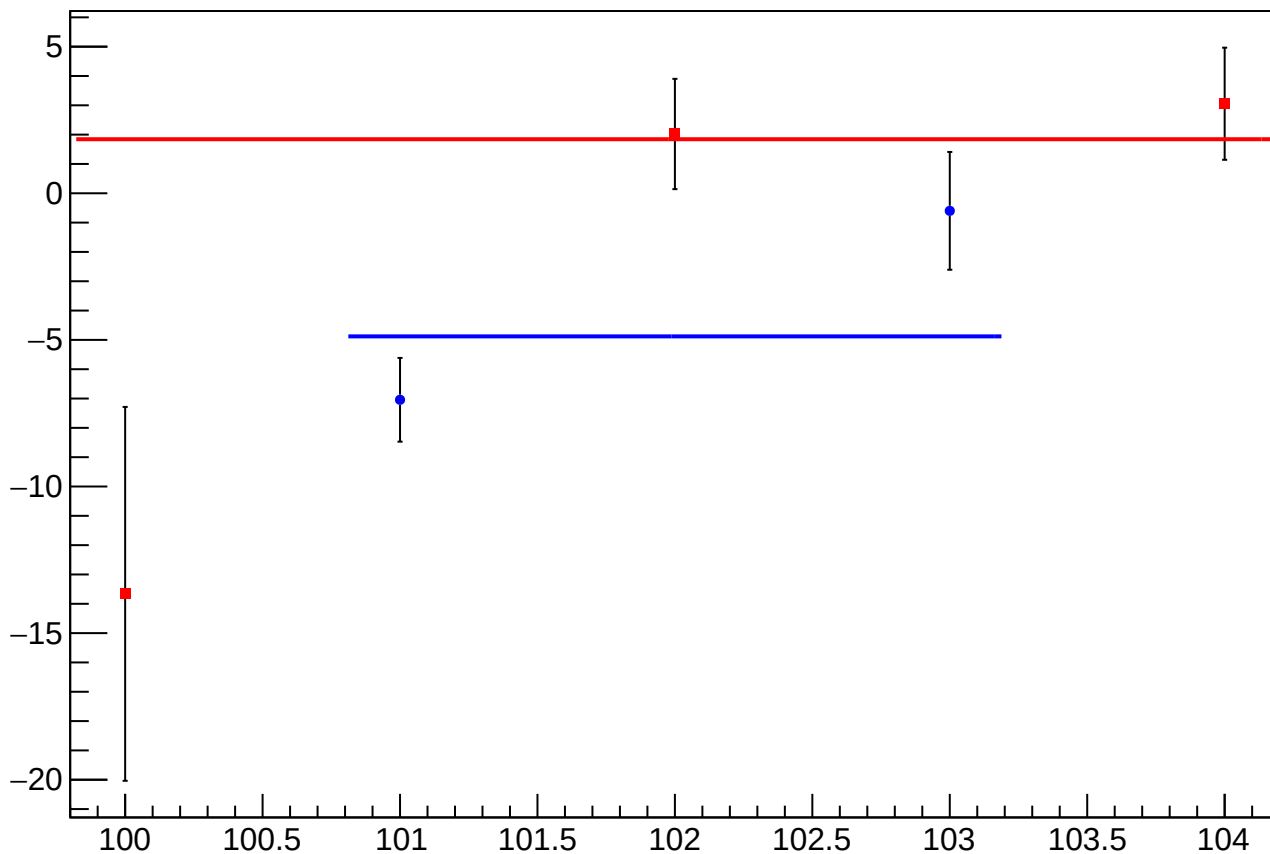
Right: -38.686 $\pm$ 0.037 χ^2 /NDF: 5492.0/4

In: -37.720 $\pm$ 0.051 χ^2 /NDF:3433.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -38.686 $\pm$ 0.037 χ^2 /NDF: 5492.0/4

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.880 ± 1.164 χ^2/NDF : 6.8/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.844 ± 1.312 χ^2/NDF : 6.3/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

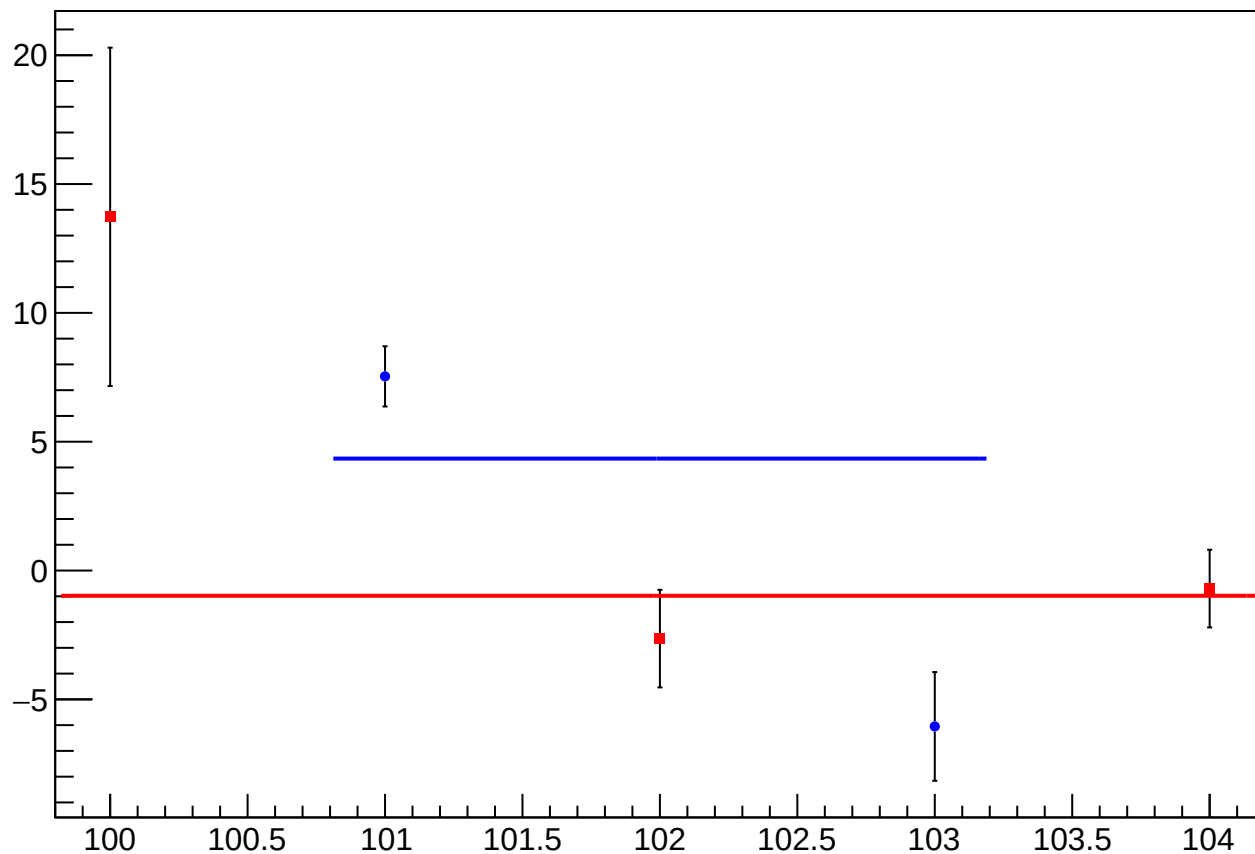
Right: -1.920 ± 0.871 χ^2/NDF : 27.9/4

In: -4.880 ± 1.164 χ^2/NDF : 6.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.920 ± 0.871 χ^2/NDF : 27.9/4

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.345 $\pm$ 1.023 χ^2 /NDF: 31.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.979 $\pm$ 1.161 χ^2 /NDF: 5.8/2

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

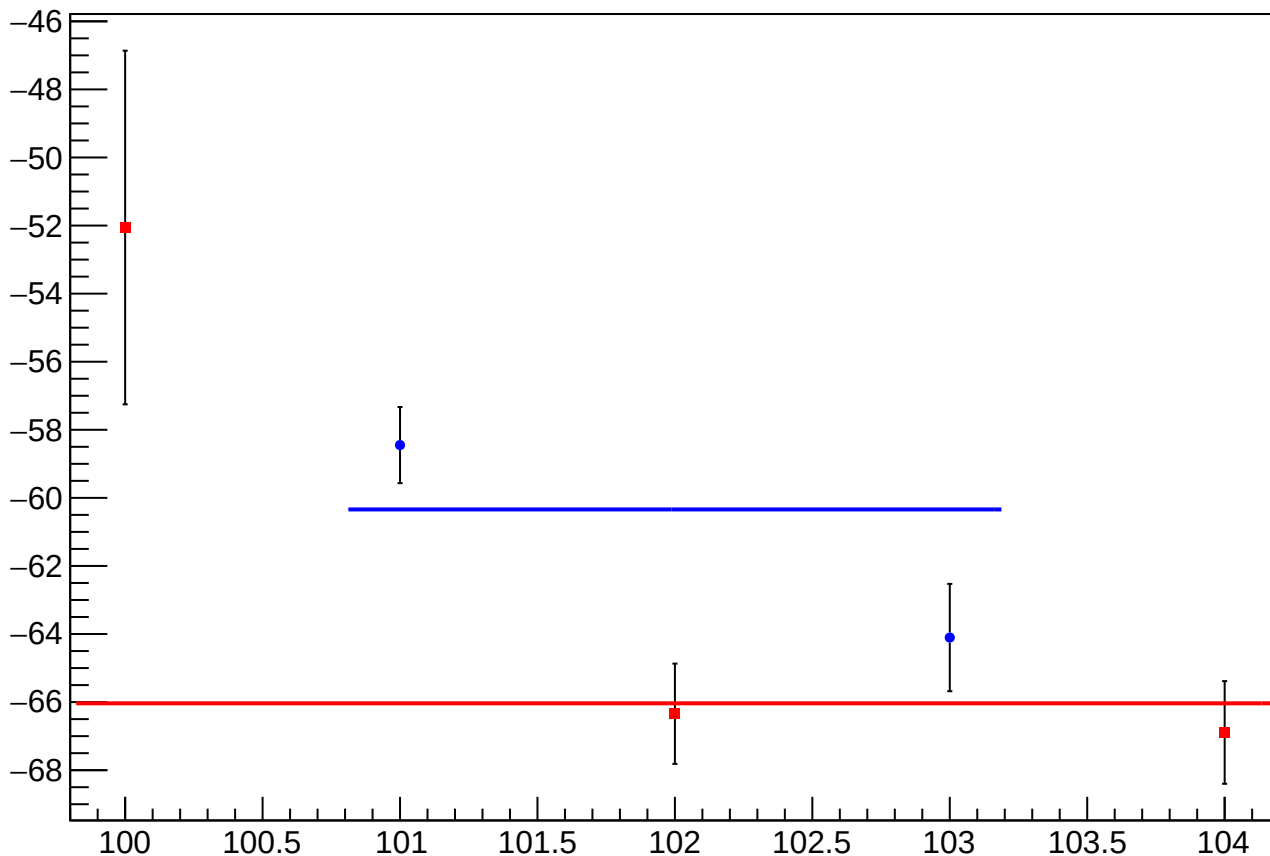
Right: 2.019 $\pm$ 0.767 χ^2 /NDF: 49.4/4

In: 4.345 $\pm$ 1.023 χ^2 /NDF:31.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.019 $\pm$ 0.767 χ^2 /NDF: 49.4/4

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.340+/-0.912 χ^2/NDF : 8.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.036+/-1.033 χ^2/NDF : 7.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

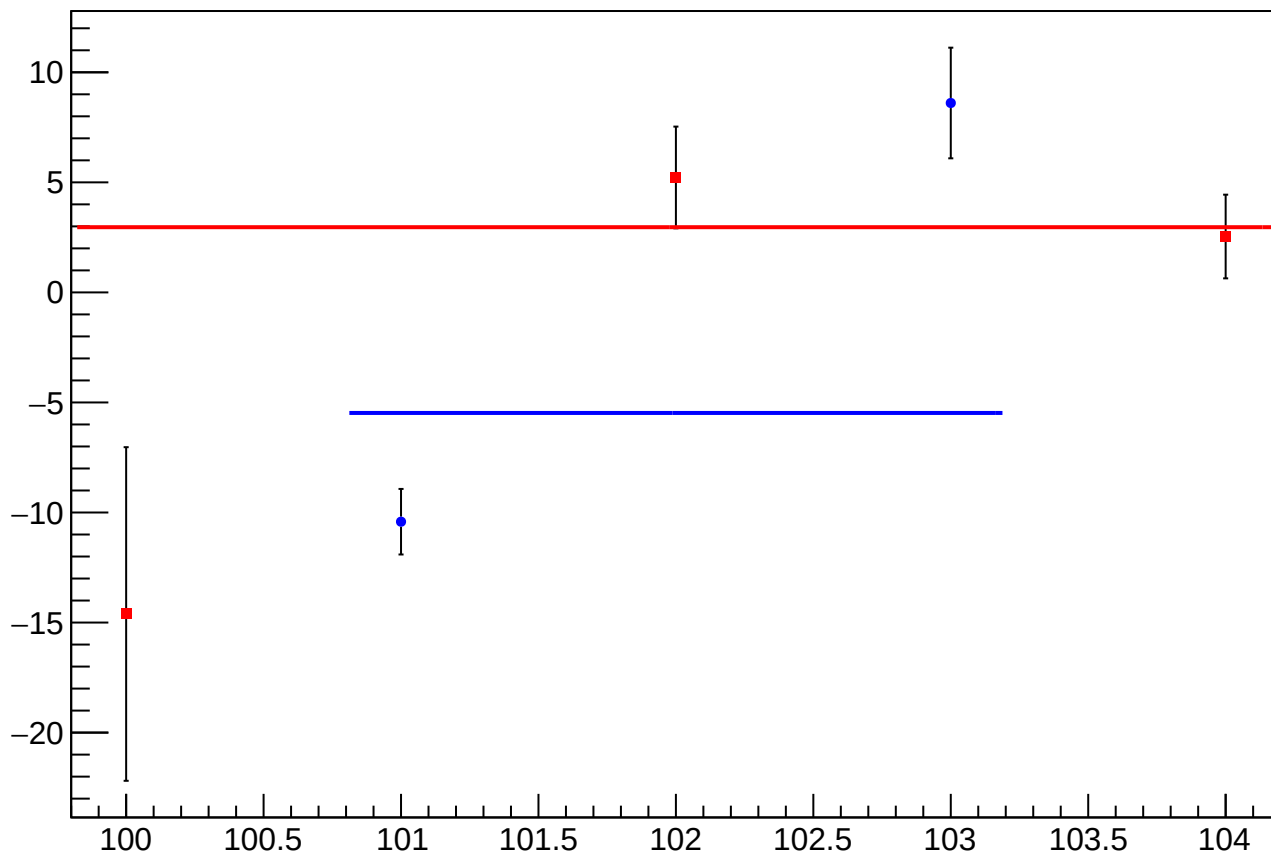
Right: -62.835+/-0.684 χ^2/NDF : 33.3/4

In: -60.340+/-0.912 χ^2/NDF : 8.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.835+/-0.684 χ^2/NDF : 33.3/4

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: 2.963+/-1.441 χ^2/NDF : 6.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

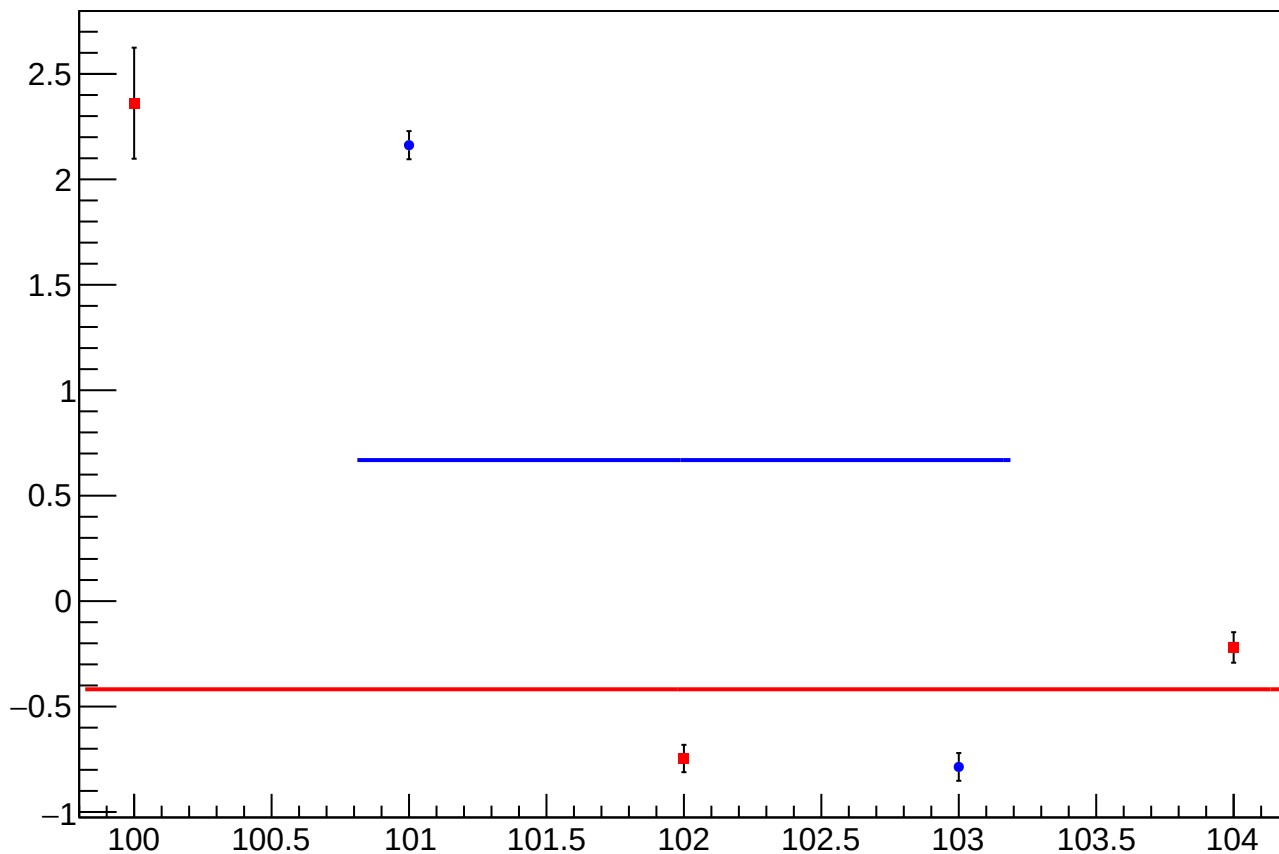
Right: -1.752+/-0.958 χ^2/NDF : 67.9/4

In: -5.477+/-1.281 χ^2/NDF : 42.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.752+/-0.958 χ^2/NDF : 67.9/4

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: -0.418+/-0.047 χ^2/NDF : 144.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

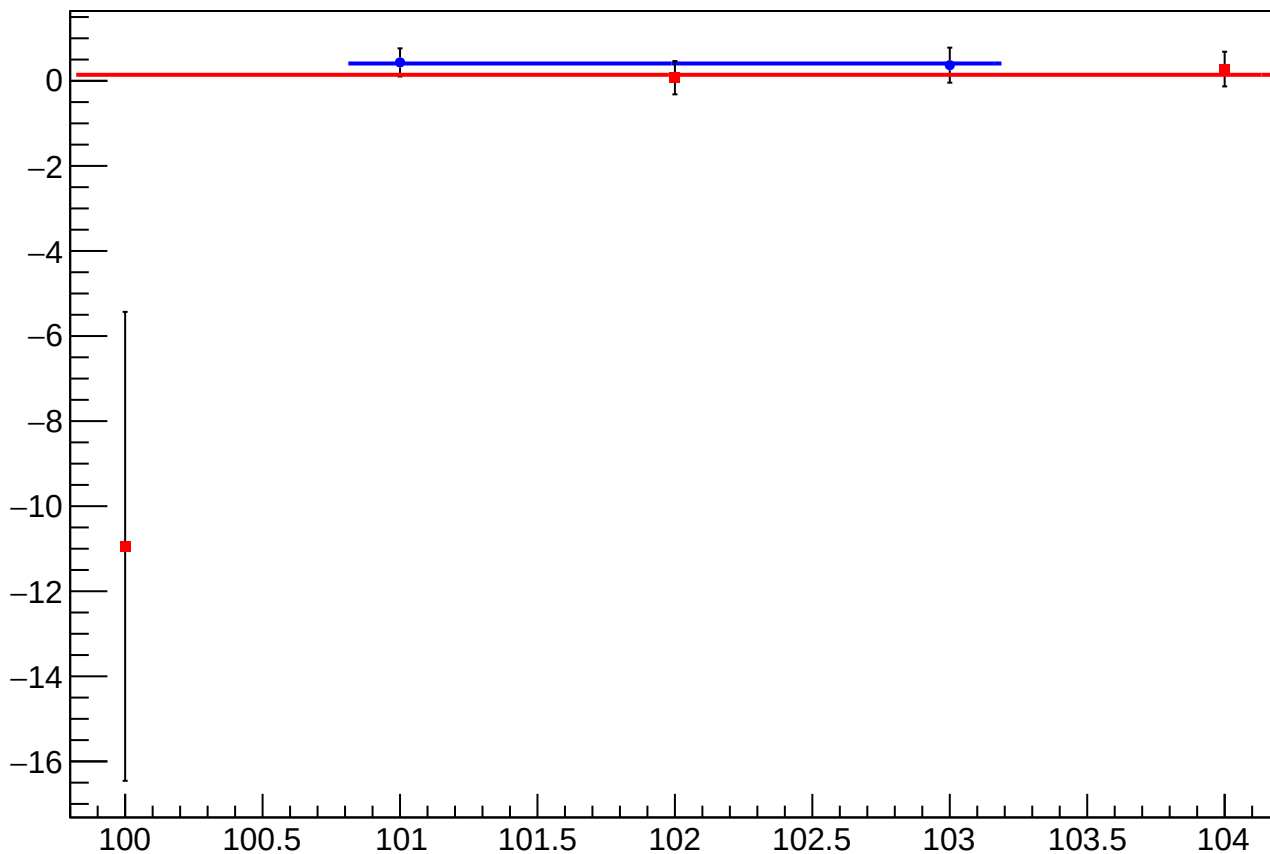
Right: 0.133+/-0.033 χ^2/NDF : 1401.0/4

In: 0.669+/-0.047 χ^2/NDF : 990.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.033 χ^2/NDF : 1401.0/4

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: 0.142 $\pm$ 0.282 χ^2 /NDF: 4.2/2

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

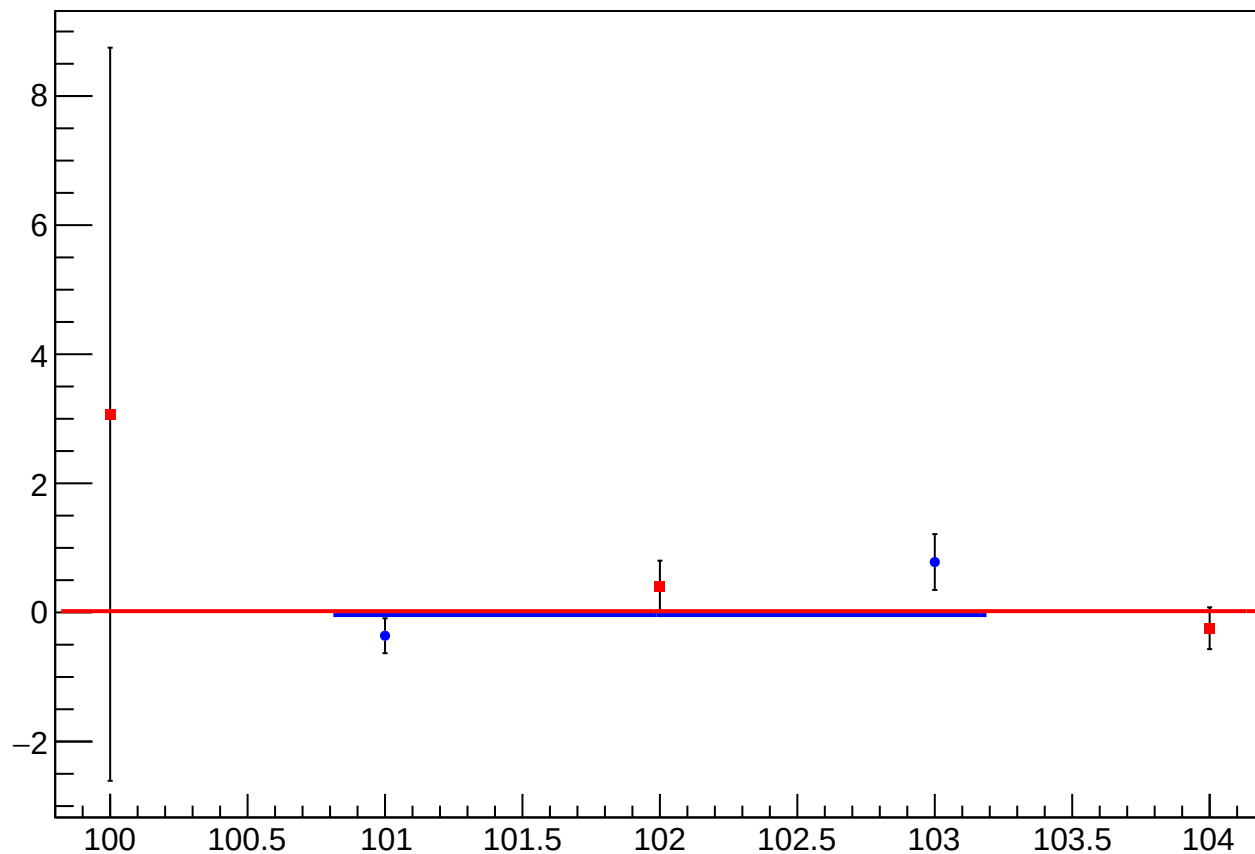
Right: 0.287 $\pm$ 0.190 χ^2 /NDF: 4.7/4

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: 0.287 $\pm$ 0.190 χ^2 /NDF: 4.7/4

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: 0.020 $\pm$ 0.251 χ^2 /NDF: 1.9/2

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

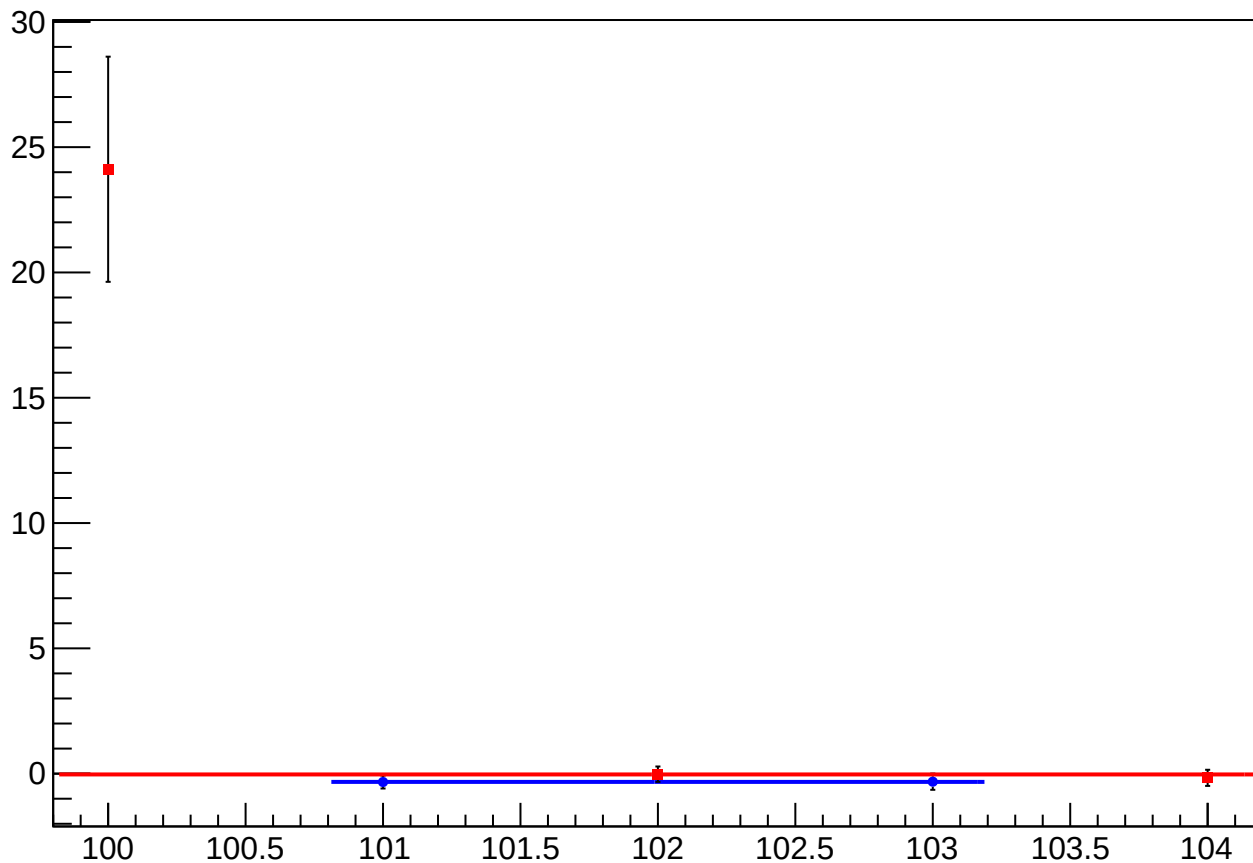
Right: -0.013 $\pm$ 0.169 χ^2 /NDF: 6.9/4

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: -0.013 $\pm$ 0.169 χ^2 /NDF: 6.9/4

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: -0.032 ± 0.222 $\chi^2/\text{NDF}: 29.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

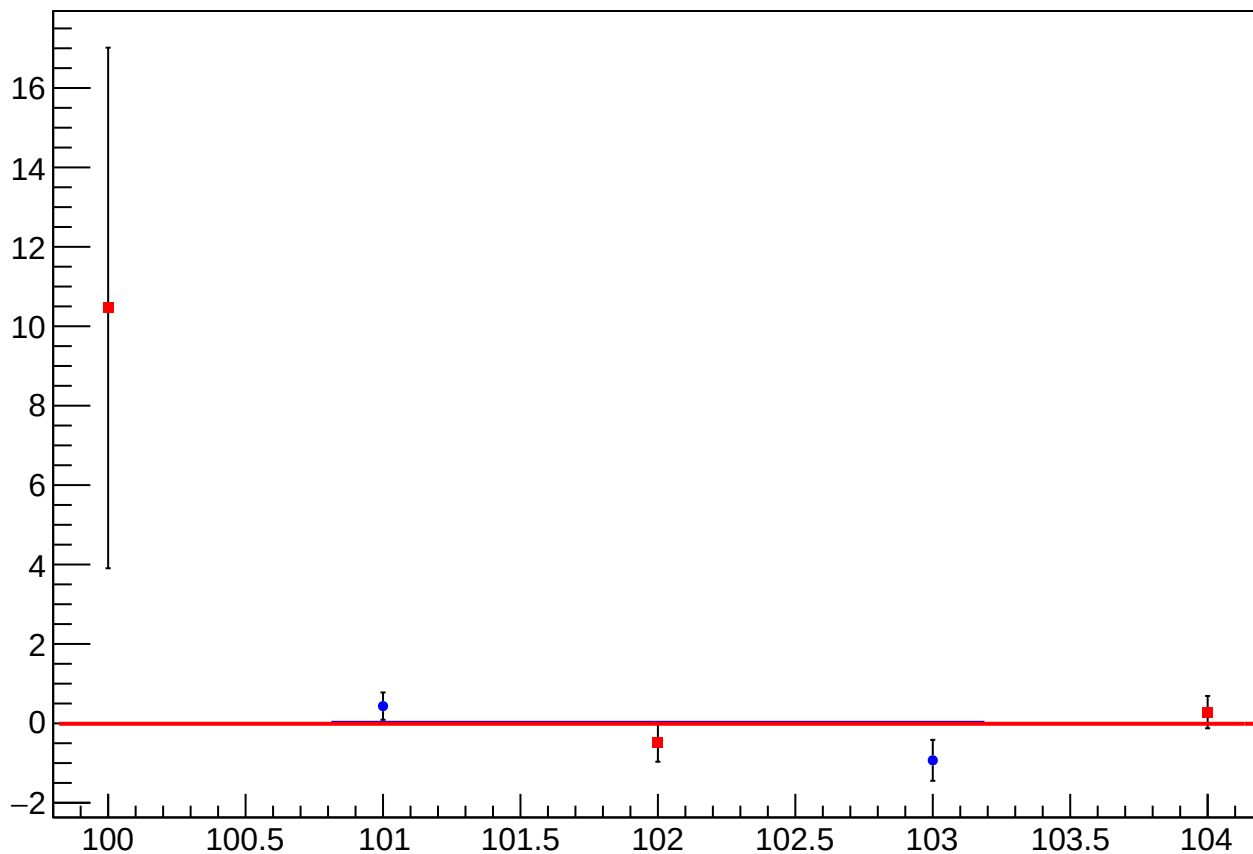
Right: -0.194 ± 0.149 $\chi^2/\text{NDF}: 30.1/4$

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: -0.194 ± 0.149 $\chi^2/\text{NDF}: 30.1/4$

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: -0.010+/-0.311 χ^2/NDF : 4.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

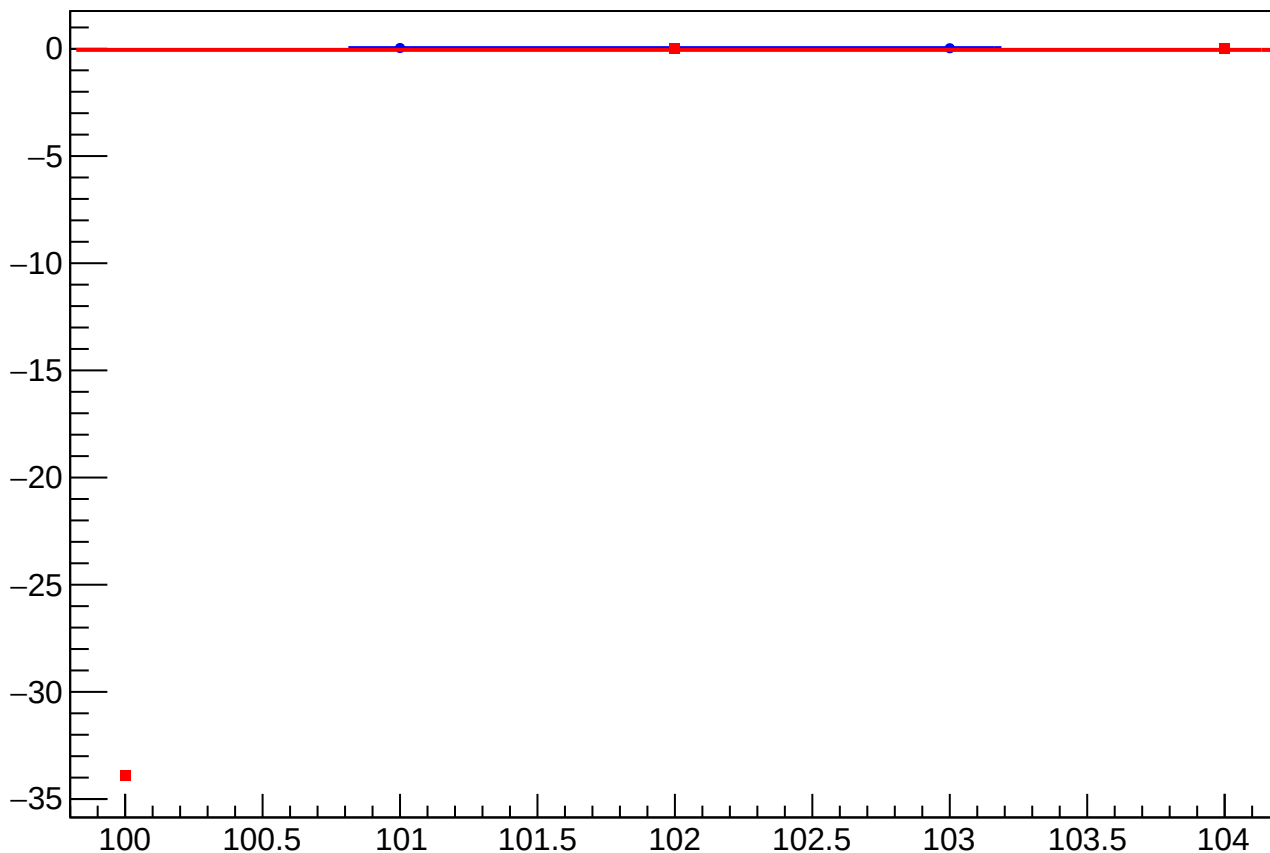
Right: 0.003+/-0.211 χ^2/NDF : 8.9/4

In: 0.014+/-0.286 χ^2/NDF : 4.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.211 χ^2/NDF : 8.9/4

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.010 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.046 $\pm$ 0.010 χ^2 /NDF: 22206.0/2

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

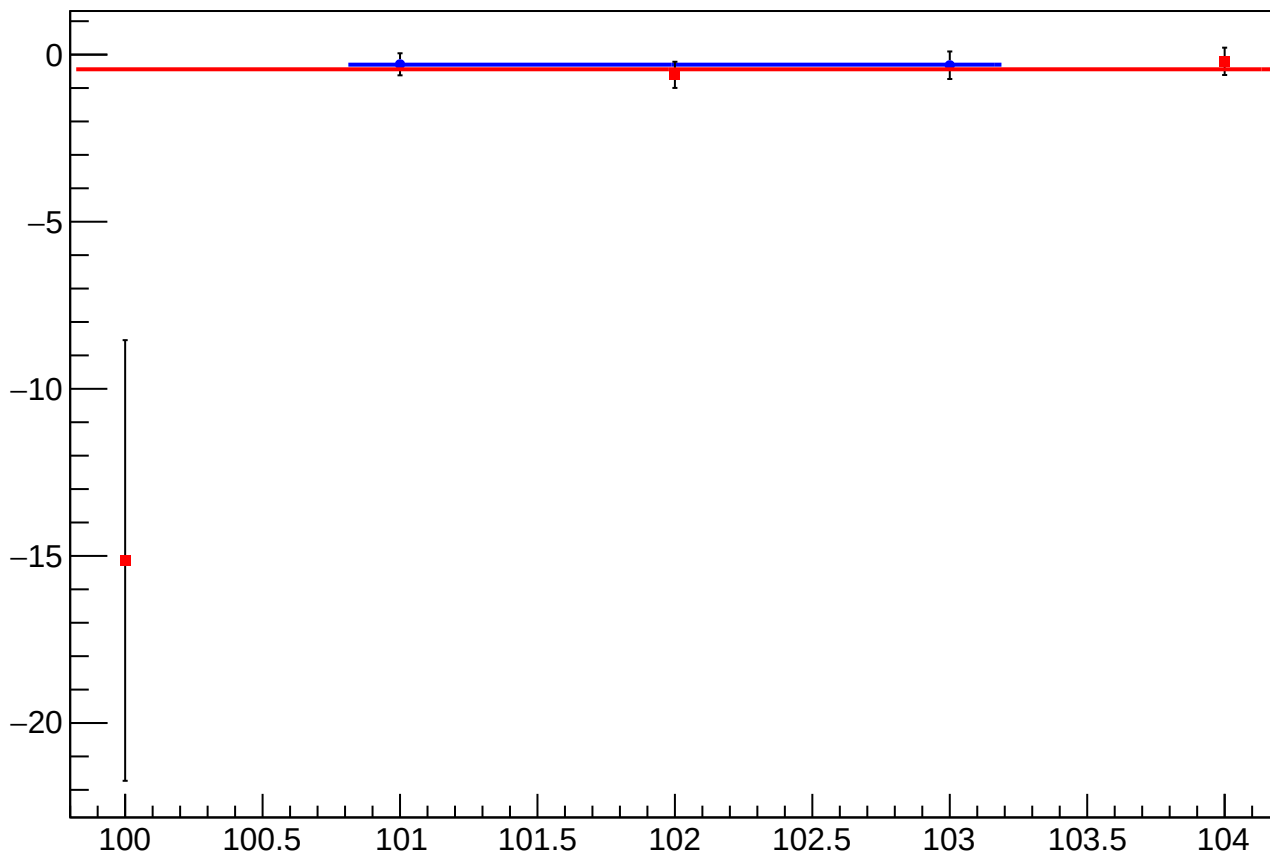
Right: -0.005 $\pm$ 0.007 χ^2 /NDF: 22239.0/4

In: 0.036 $\pm$ 0.010 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.007 χ^2 /NDF: 22239.0/4

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.301 ± 0.258 $\chi^2/\text{NDF}: 0.0/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.439 ± 0.282 $\chi^2/\text{NDF}: 5.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

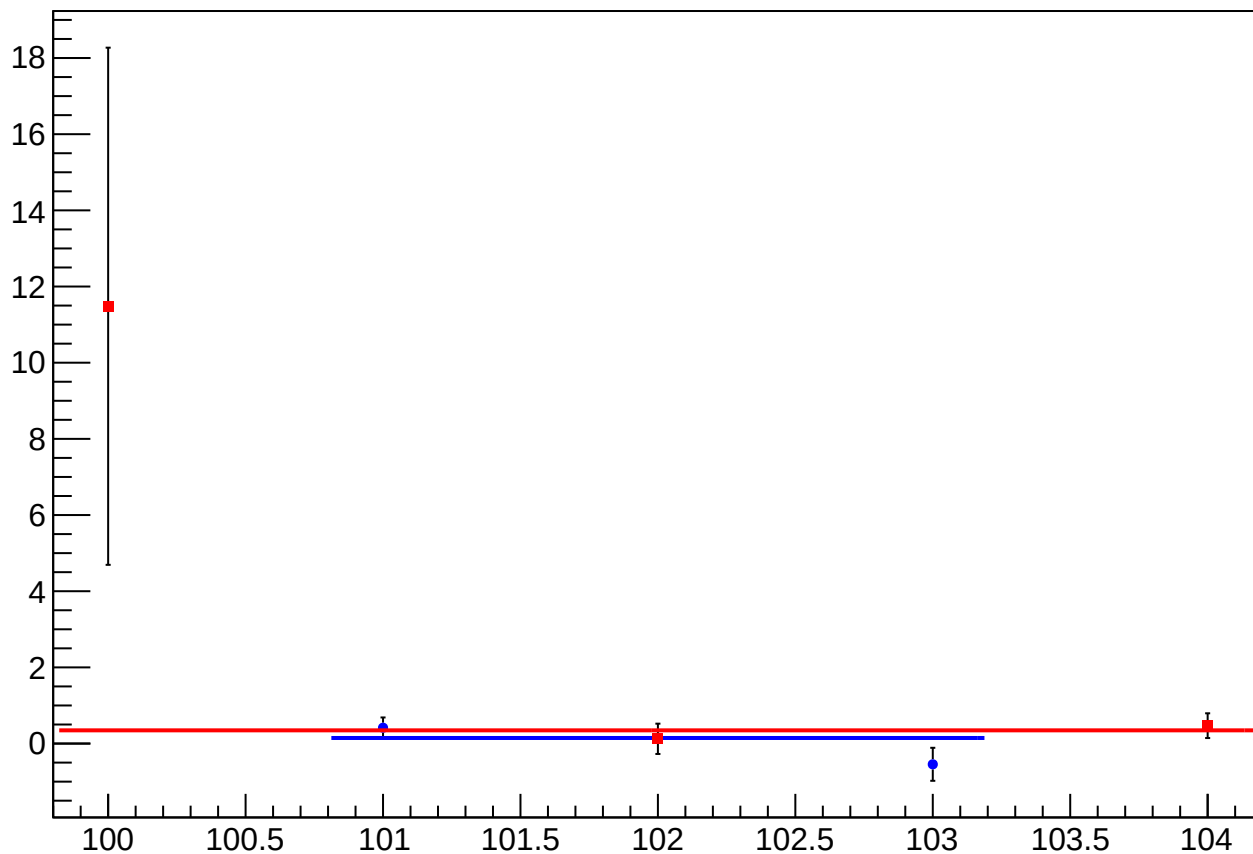
Right: -0.364 ± 0.190 $\chi^2/\text{NDF}: 5.6/4$

In: -0.301 ± 0.258 $\chi^2/\text{NDF}: 0.0/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.364 ± 0.190 $\chi^2/\text{NDF}: 5.6/4$

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: 0.347+/-0.251 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

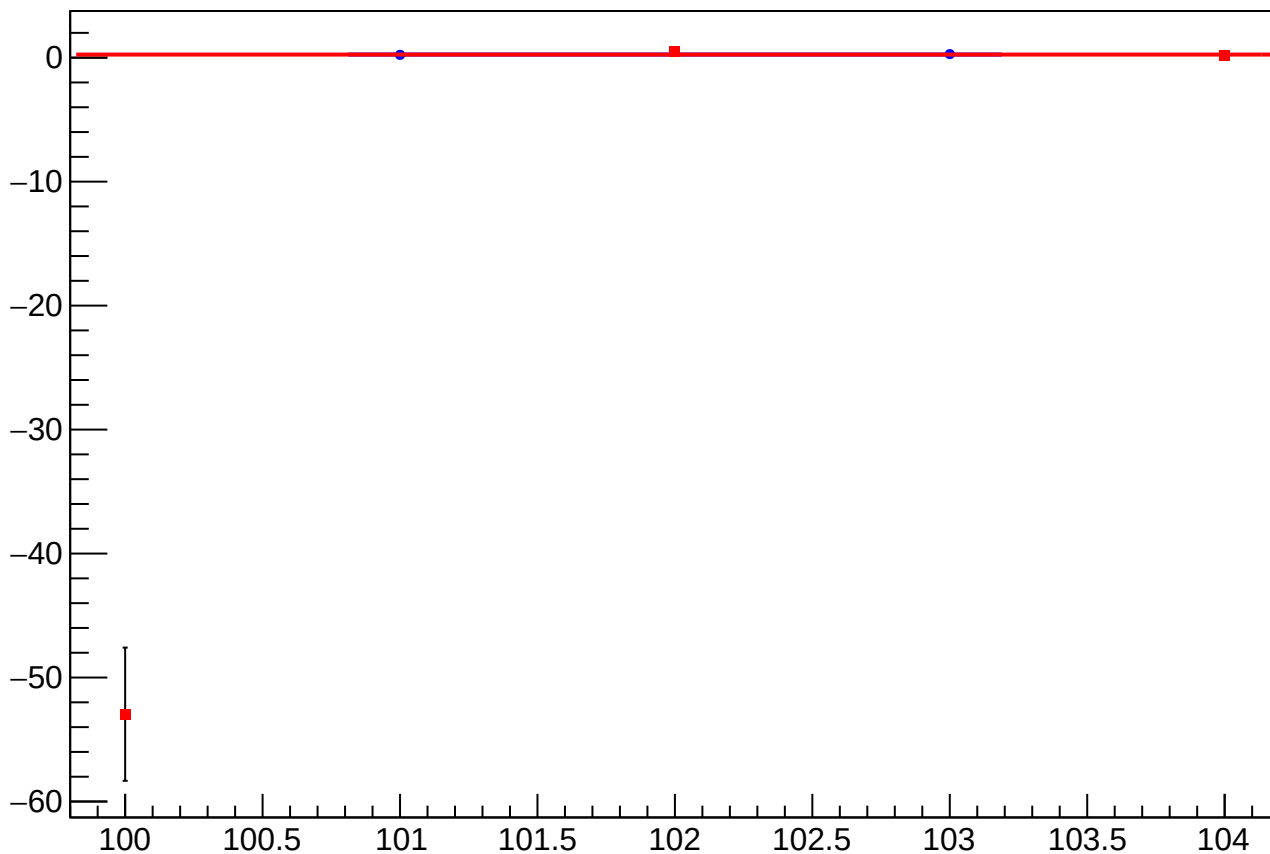
Right: 0.237+/-0.169 χ^2/NDF : 7.0/4

In: 0.146+/-0.229 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.237+/-0.169 χ^2/NDF : 7.0/4

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.251 $\pm$ 0.202 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.249 $\pm$ 0.222 χ^2 /NDF: 98.8/2

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

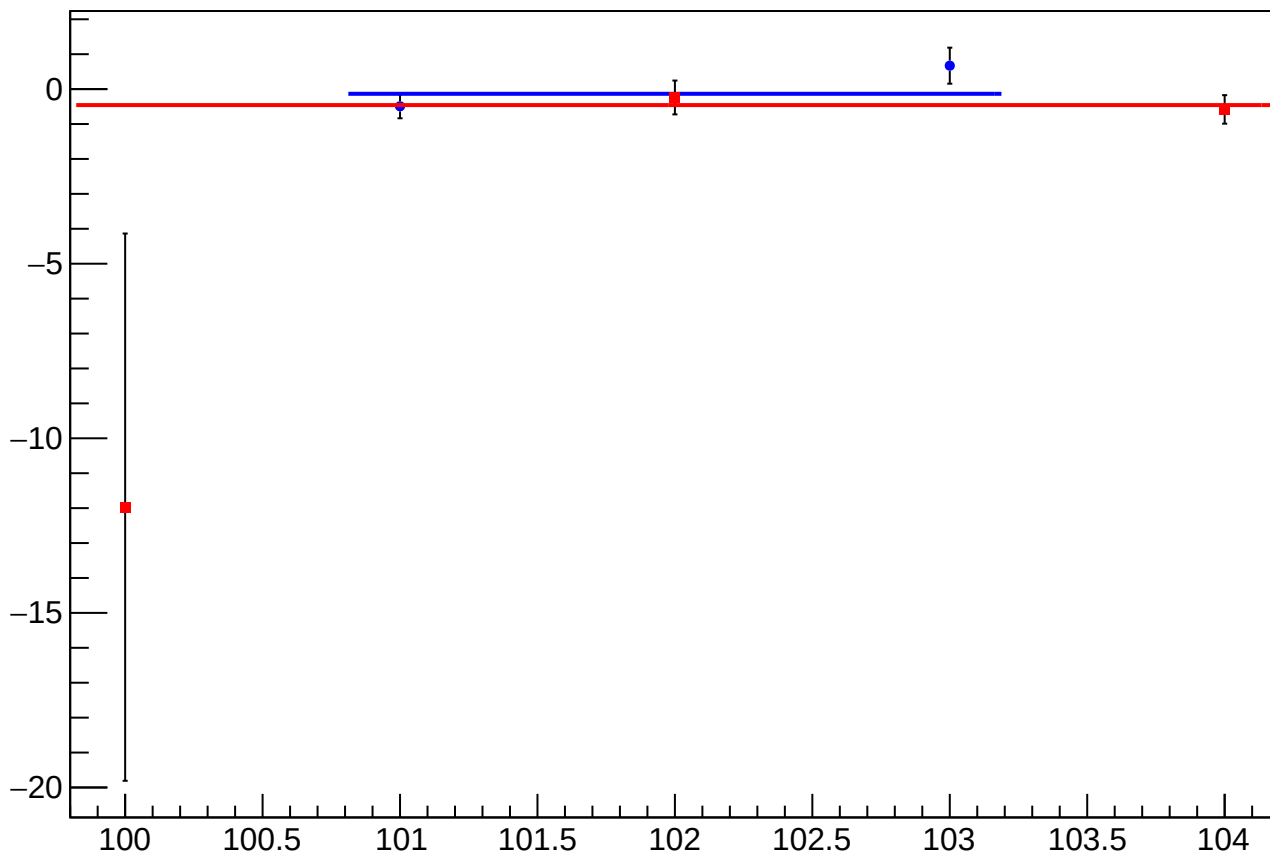
Right: 0.250 $\pm$ 0.149 χ^2 /NDF: 98.8/4

In: 0.251 $\pm$ 0.202 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.250 $\pm$ 0.149 χ^2 /NDF: 98.8/4

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: -0.458+/-0.312 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

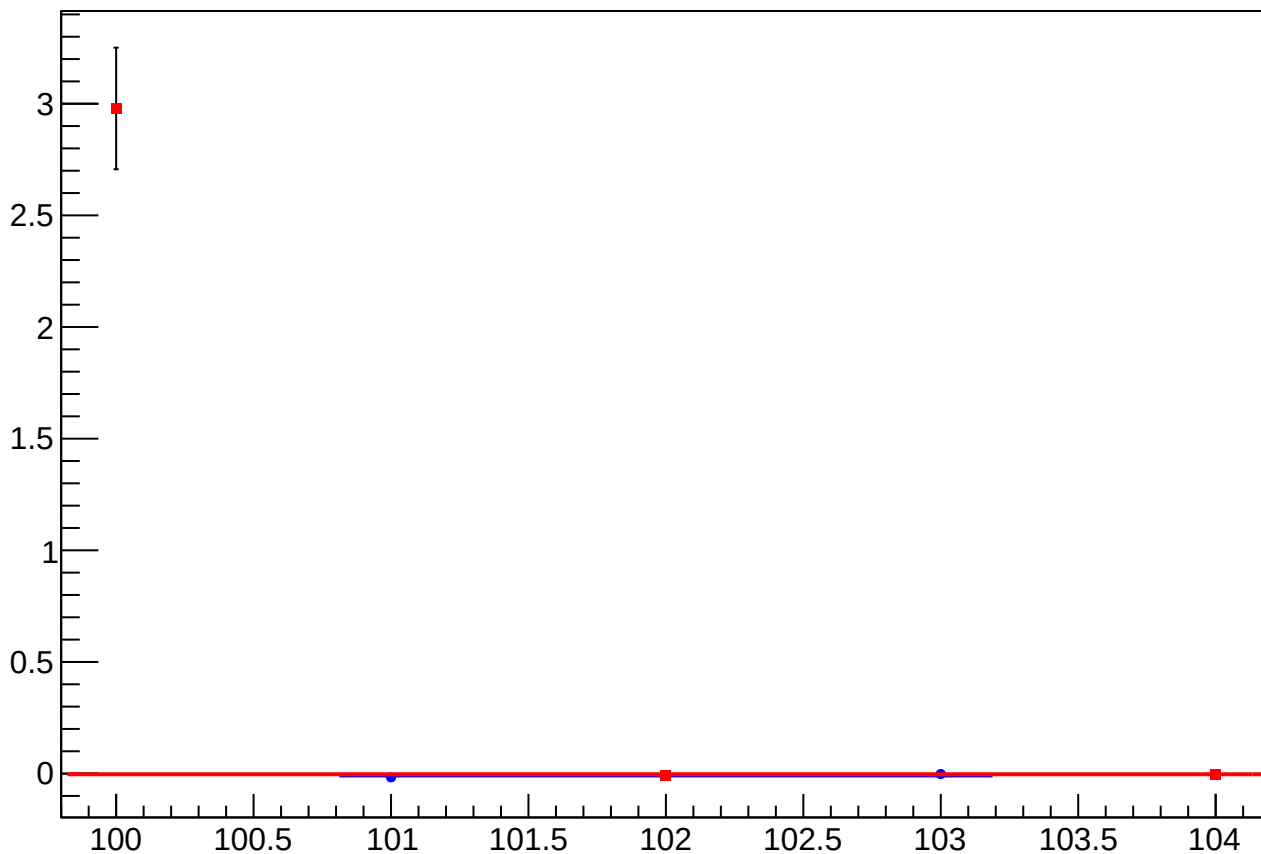
Right: -0.282+/-0.211 χ^2/NDF : 6.6/4

In: -0.134+/-0.286 χ^2/NDF : 3.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.282+/-0.211 χ^2/NDF : 6.6/4

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 $\pm$ 0.010 χ^2 /NDF: 120.1/2

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

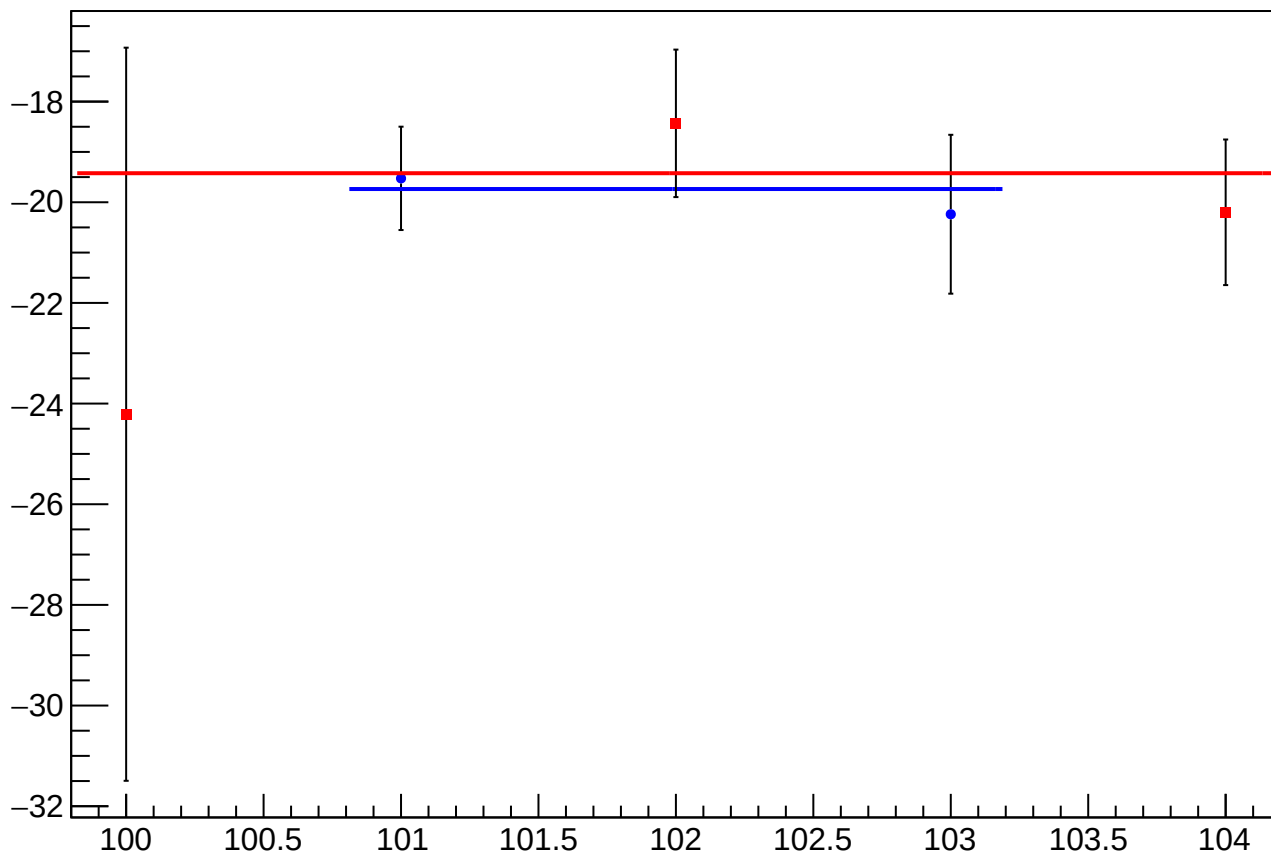
Right: -0.006 $\pm$ 0.007 χ^2 /NDF: 120.8/4

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: 120.8/4

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: -19.423 $\pm$ 1.019 χ^2 /NDF: 1.2/2

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

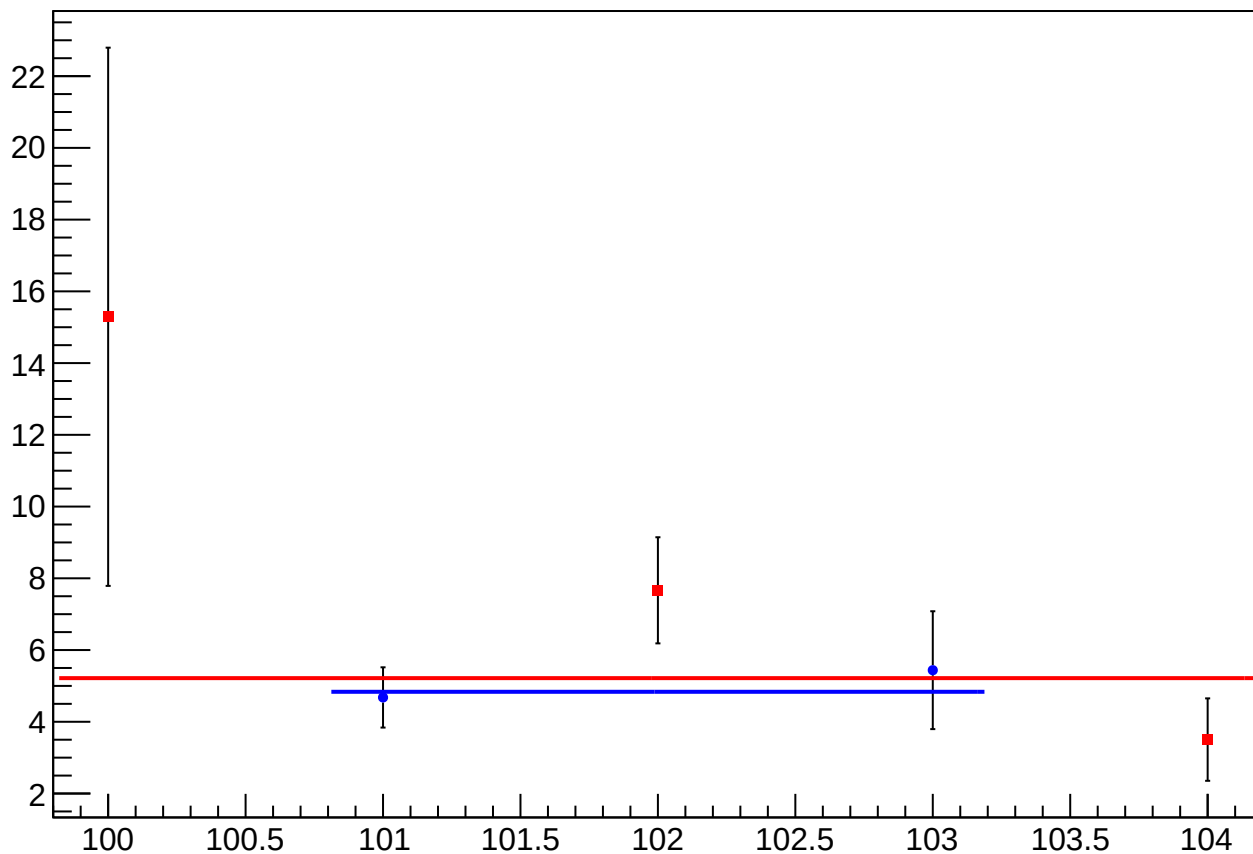
Right: -19.606 $\pm$ 0.658 χ^2 /NDF: 1.4/4

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: -19.606 $\pm$ 0.658 χ^2 /NDF: 1.4/4

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: 5.217+/-0.901 χ^2/NDF : 6.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

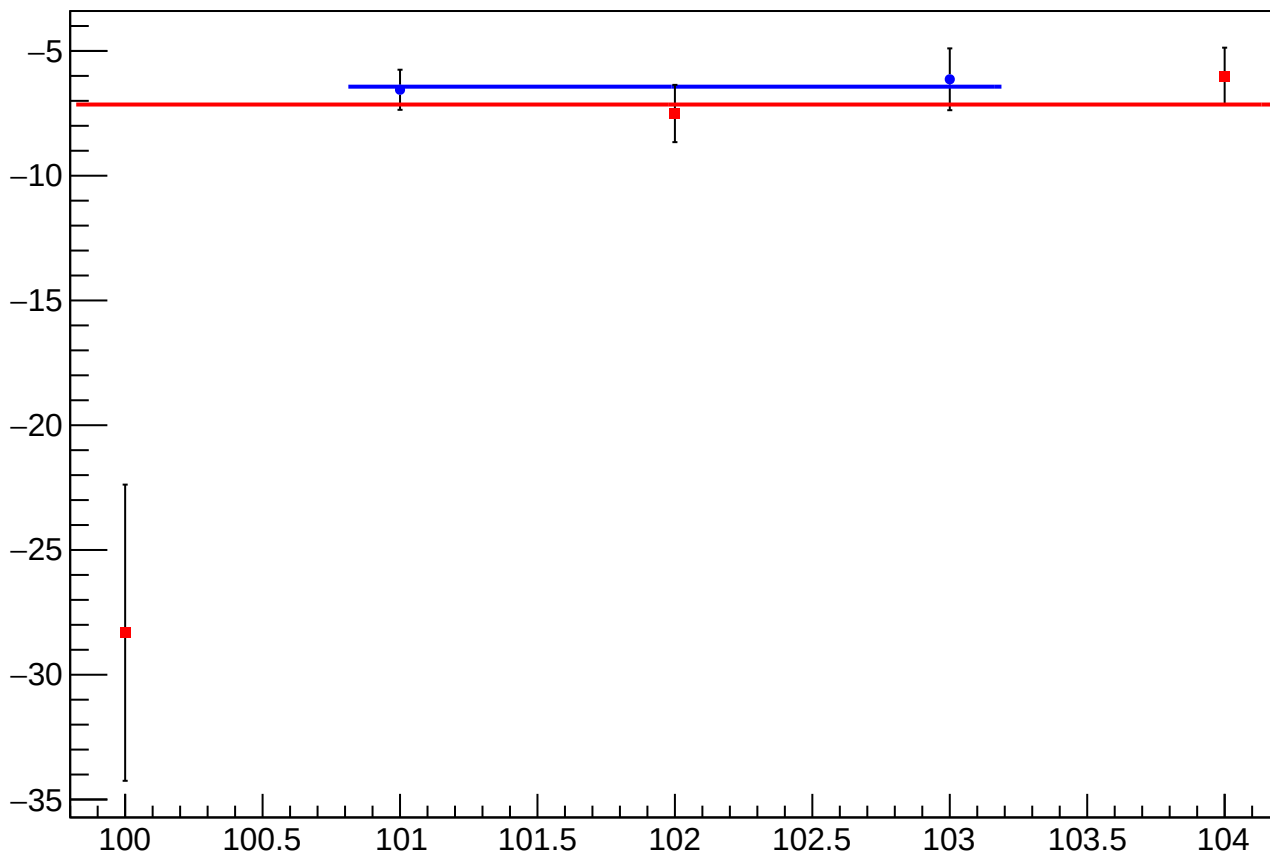
Right: 4.991+/-0.575 χ^2/NDF : 7.0/4

In: 4.836+/-0.748 χ^2/NDF : 0.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.991+/-0.575 χ^2/NDF : 7.0/4

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.432 $\pm$ 0.674 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.147 $\pm$ 0.802 χ^2 /NDF: 13.8/2

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

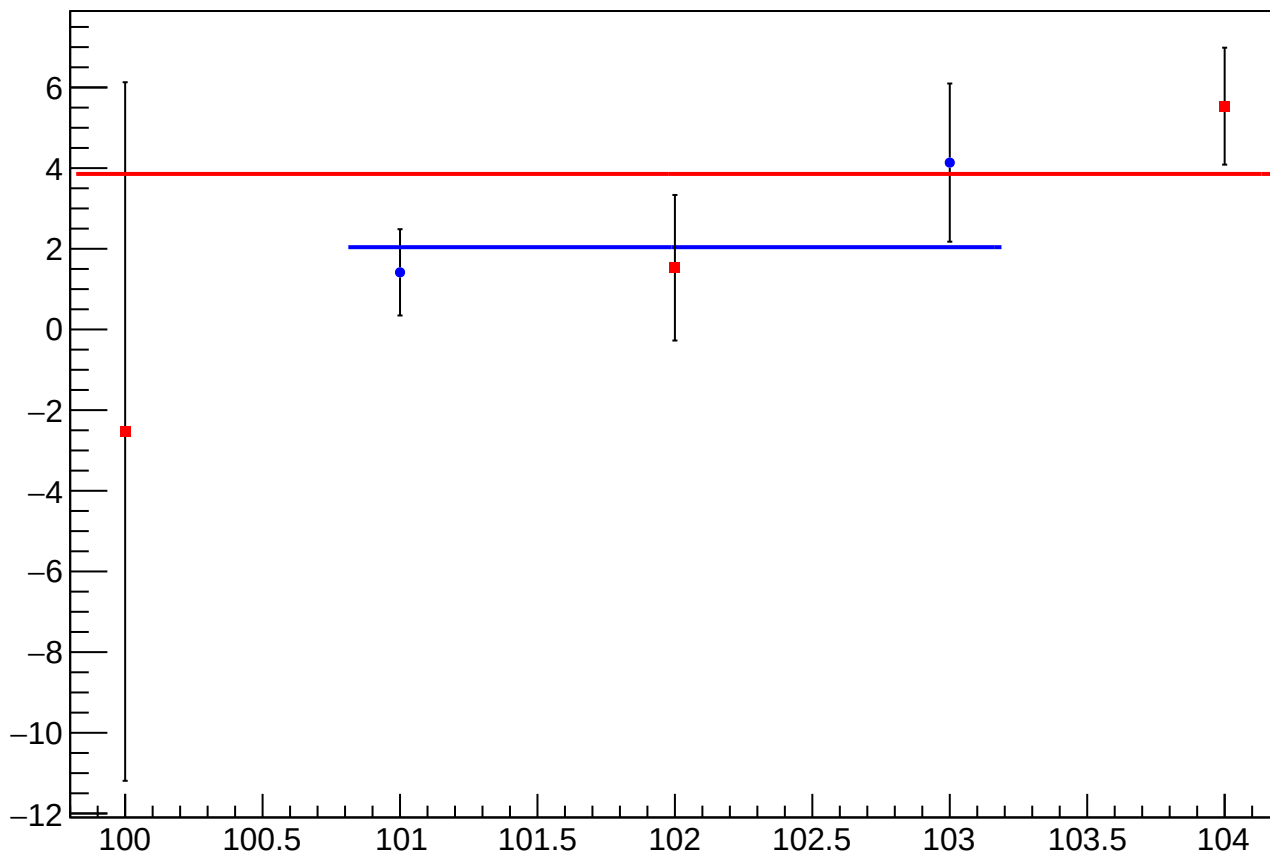
Right: -6.728 $\pm$ 0.516 χ^2 /NDF: 14.4/4

In: -6.432 $\pm$ 0.674 χ^2 /NDF:0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.728 $\pm$ 0.516 χ^2 /NDF: 14.4/4

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: 3.856 $\pm$ 1.121 χ^2 /NDF: 3.5/2

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

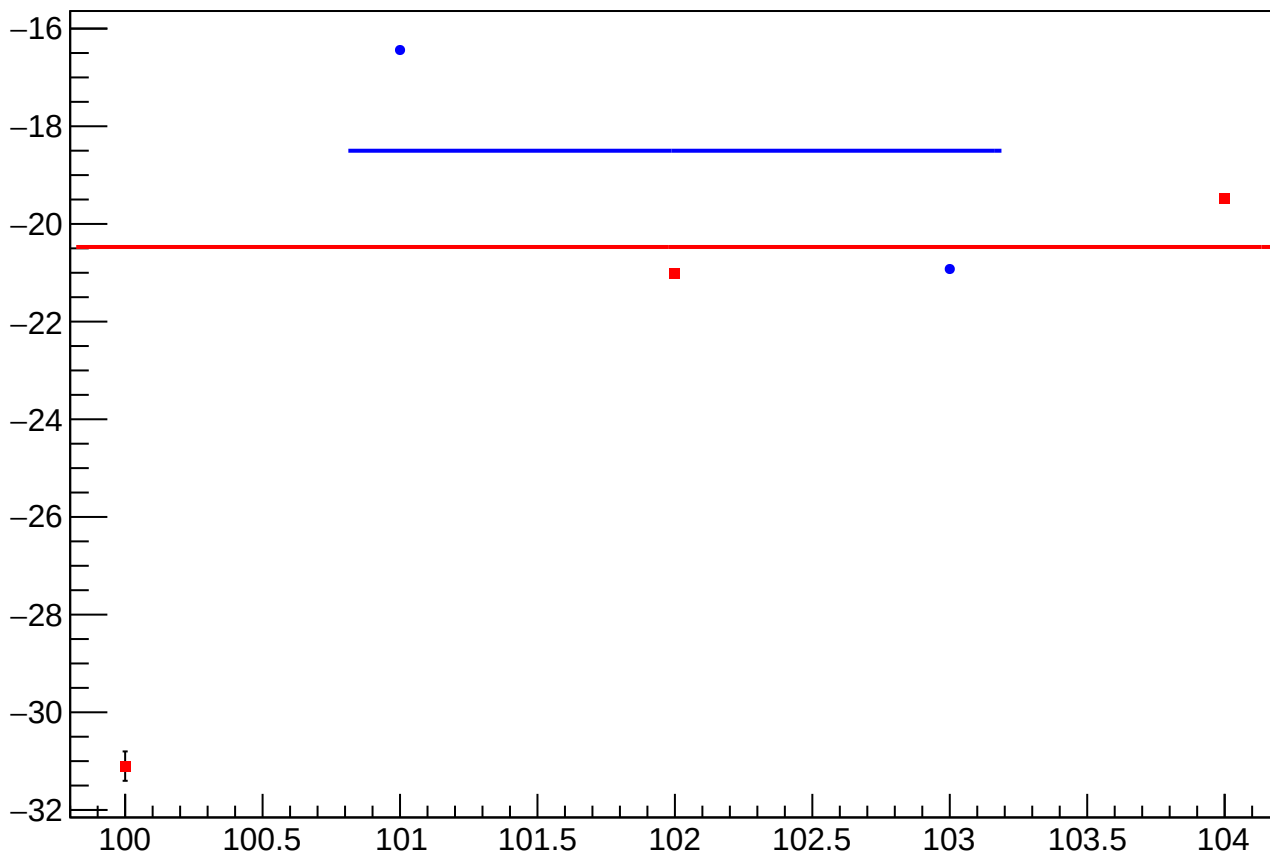
Right: 2.789 $\pm$ 0.720 χ^2 /NDF: 6.6/4

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: 2.789 $\pm$ 0.720 χ^2 /NDF: 6.6/4

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: -20.472 $\pm$ 0.037 χ^2 /NDF: 1688.0/2

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

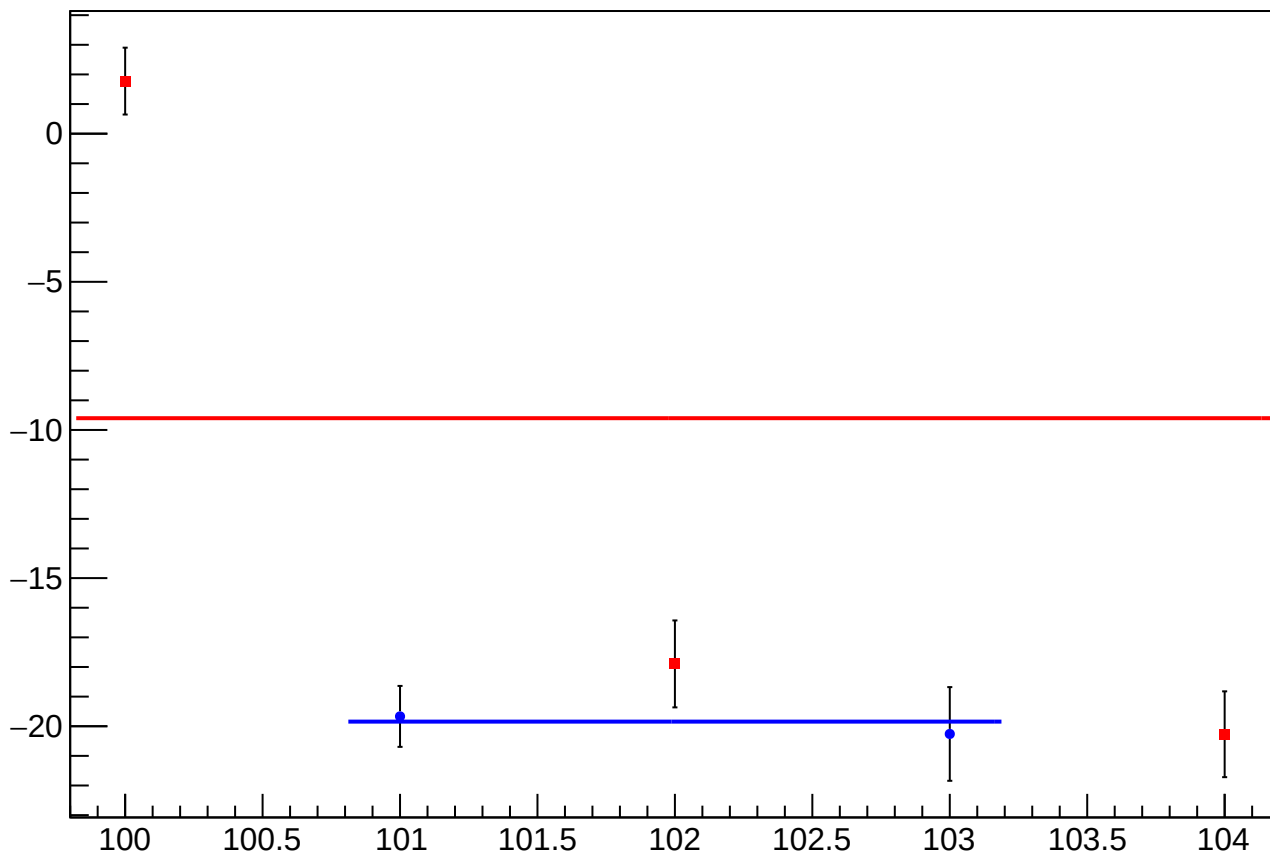
Right: -19.440 $\pm$ 0.025 χ^2 /NDF: 7219.9/4

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: -19.440 $\pm$ 0.025 χ^2 /NDF: 7219.9/4

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.844 $\pm$ 0.862 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.603 $\pm$ 0.761 χ^2 /NDF: 187.9/2

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

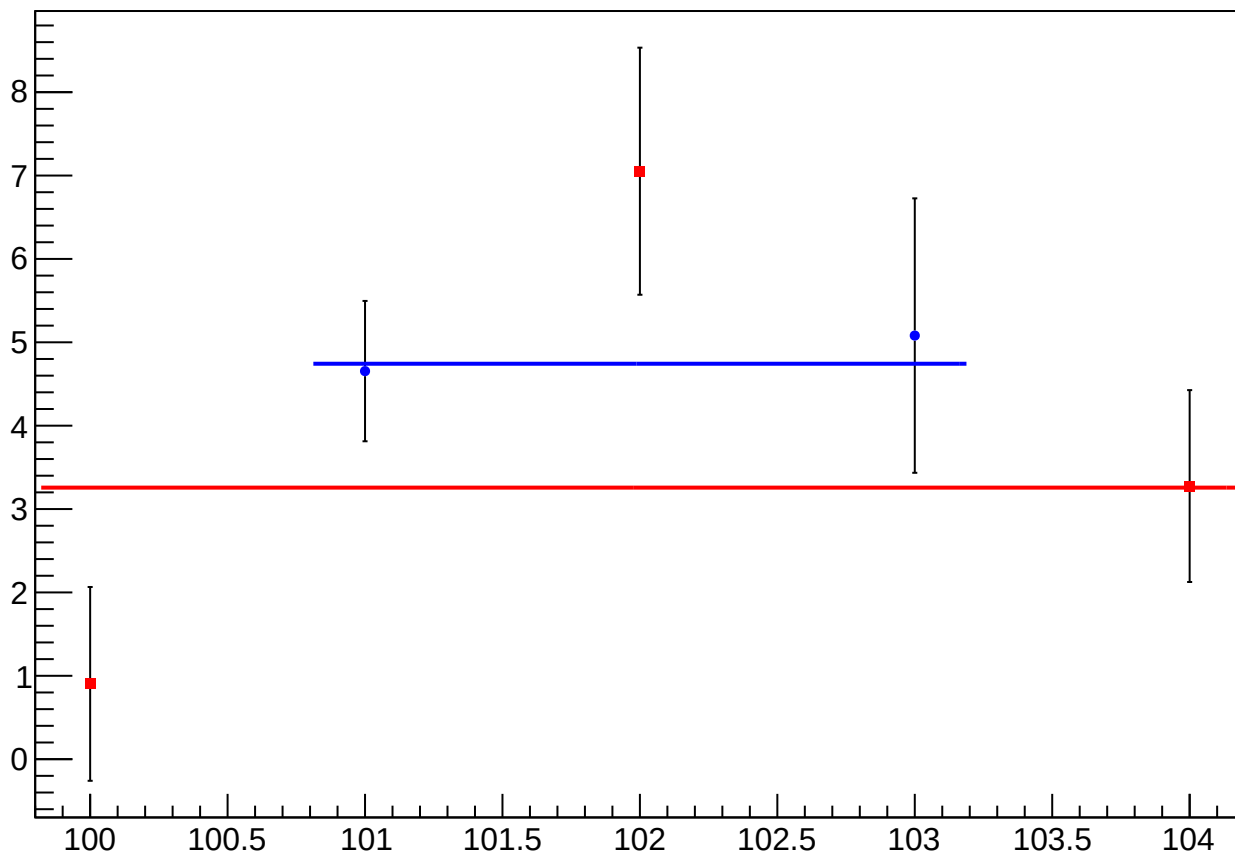
Right: -14.088 $\pm$ 0.571 χ^2 /NDF: 267.3/4

In: -19.844 $\pm$ 0.862 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.088 $\pm$ 0.571 χ^2 /NDF: 267.3/4

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.743+/-0.749 χ^2/NDF : 0.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.257+/-0.716 χ^2/NDF : 10.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

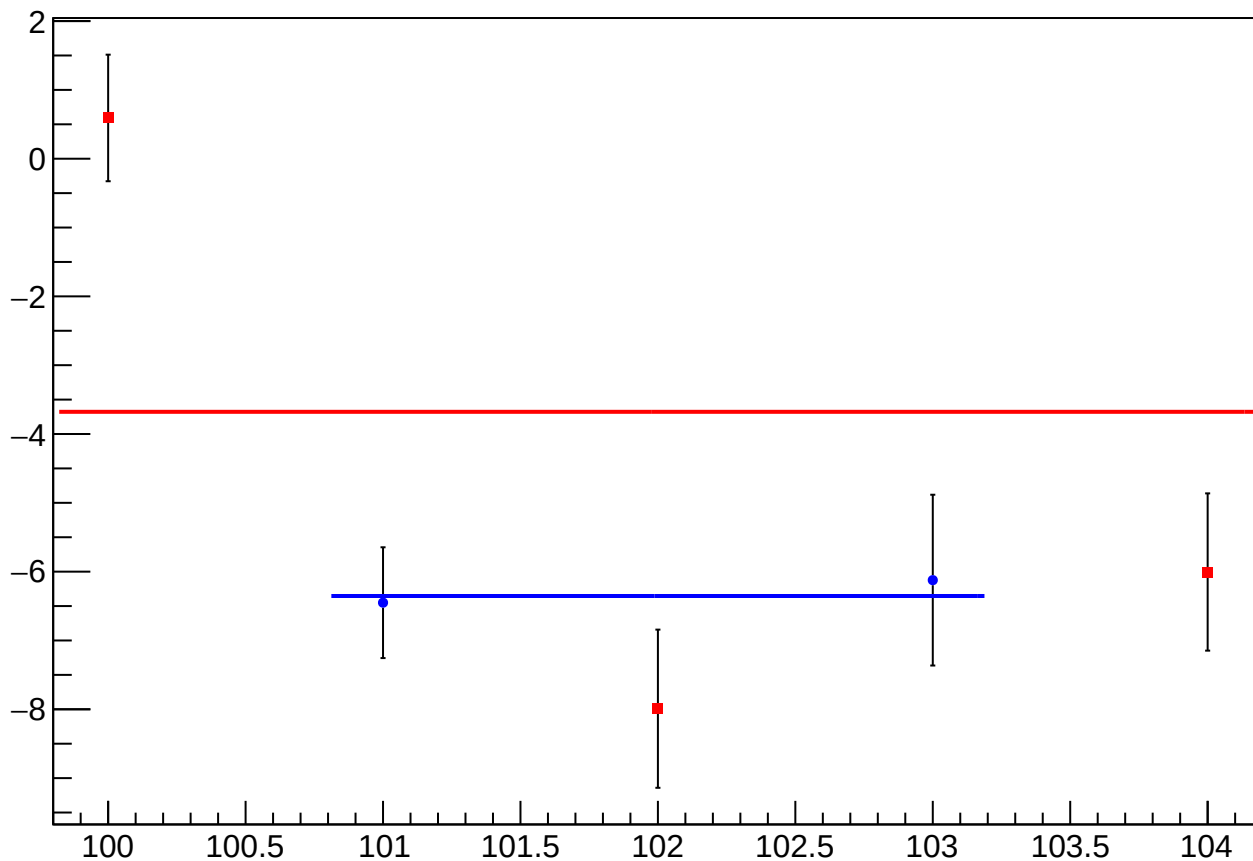
Right: 3.966+/-0.518 χ^2/NDF : 12.8/4

In: 4.743+/-0.749 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.966+/-0.518 χ^2/NDF : 12.8/4

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.354+/-0.675 χ^2/NDF : 0.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.677+/-0.608 χ^2/NDF : 39.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

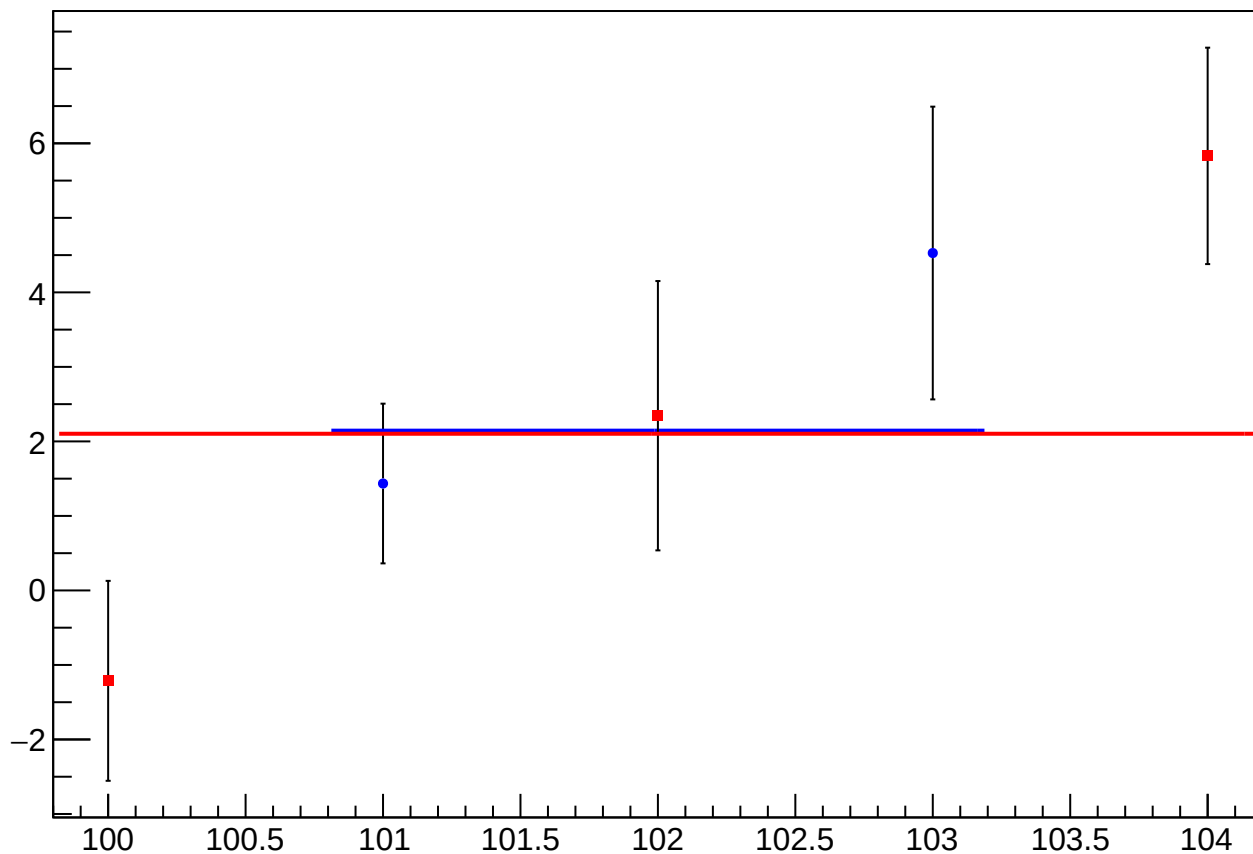
Right: -4.876+/-0.452 χ^2/NDF : 48.5/4

In: -6.354+/-0.675 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.876+/-0.452 χ^2/NDF : 48.5/4

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: 2.103+/-0.865 χ^2/NDF : 12.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

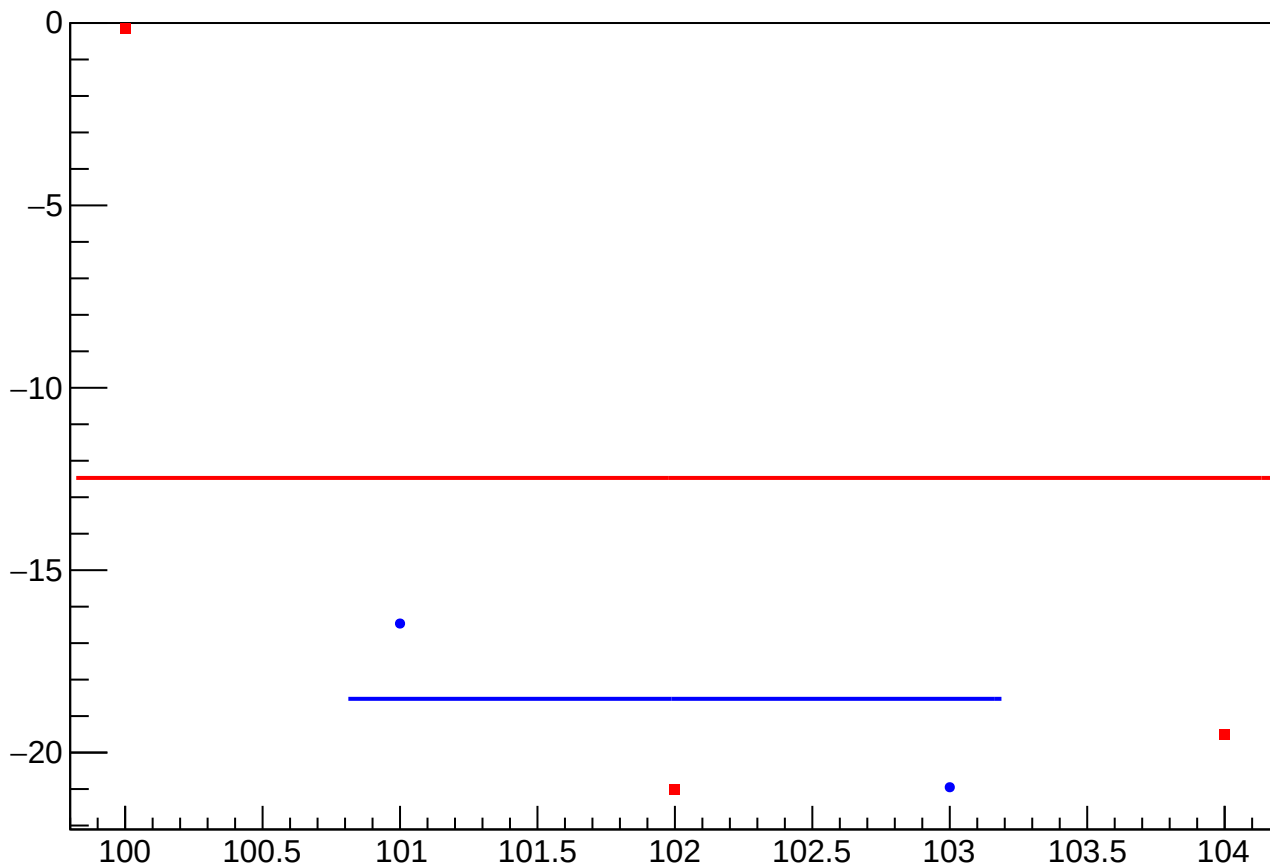
Right: 2.122+/-0.637 χ^2/NDF : 14.6/4

In: 2.144+/-0.941 χ^2/NDF : 1.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.122+/-0.637 χ^2/NDF : 14.6/4

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: -12.471 $\pm$ 0.029 χ^2 /NDF: 114698.9/2

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

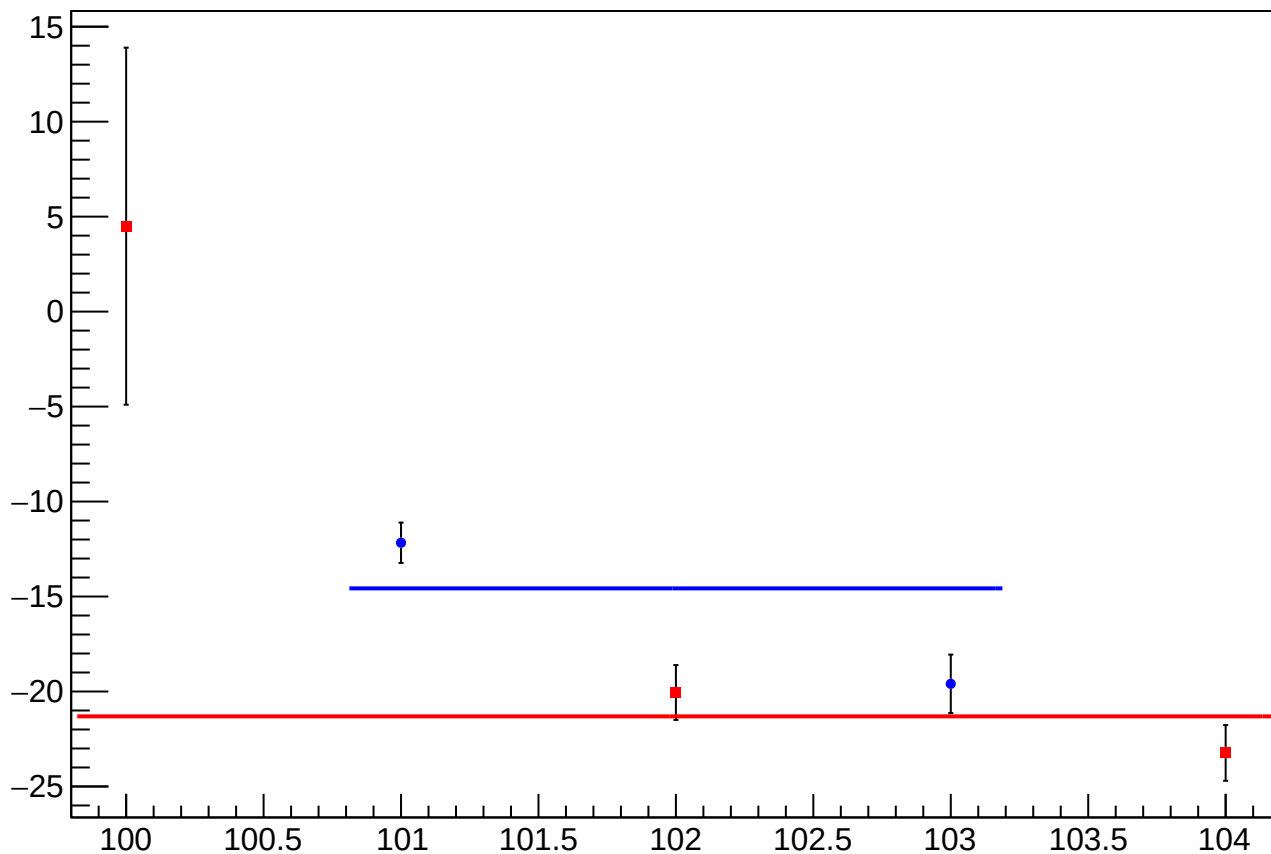
Right: -14.924 $\pm$ 0.022 χ^2 /NDF: 136291.1/4

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: -14.924 $\pm$ 0.022 χ^2 /NDF: 136291.1/4

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: -21.309 $\pm$ 1.023 χ^2 /NDF: 10.0/2

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

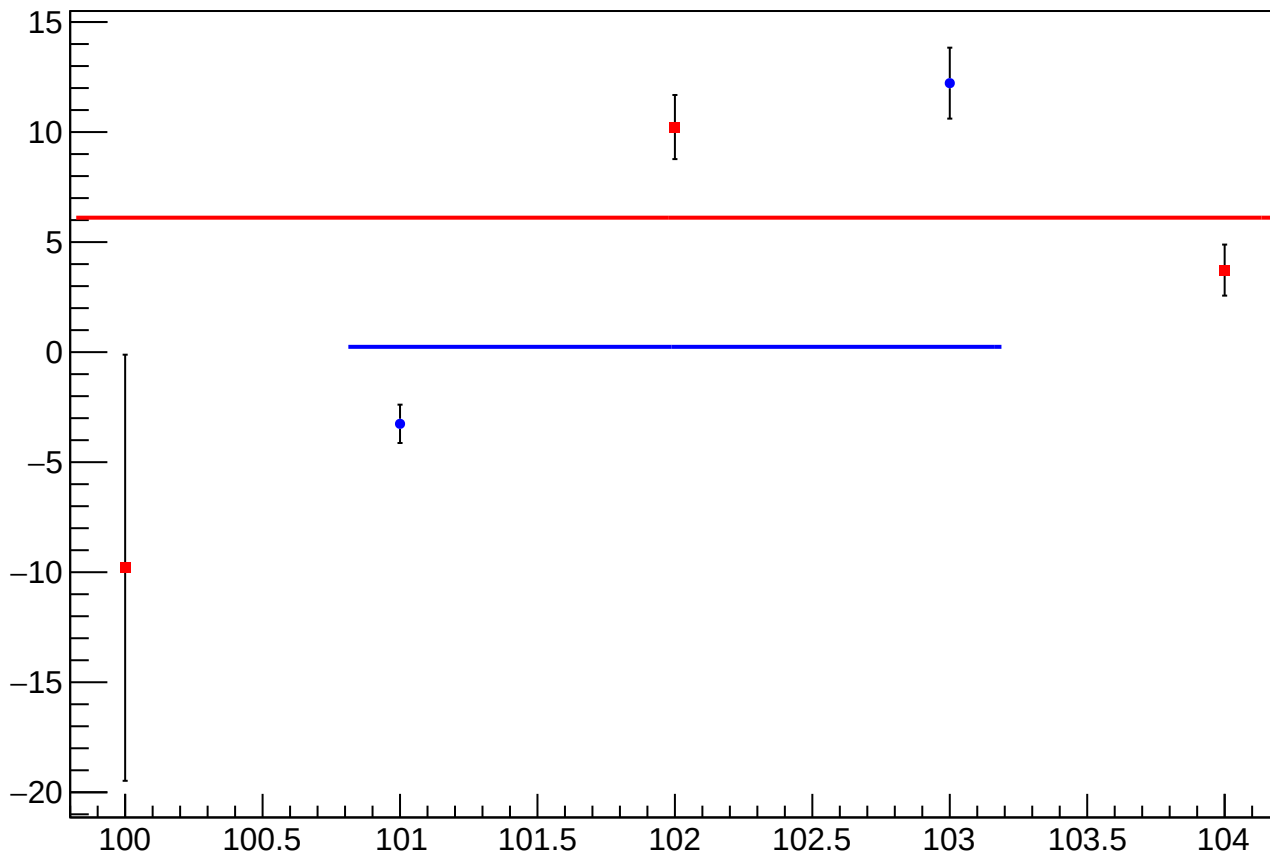
Right: -17.418 $\pm$ 0.665 χ^2 /NDF: 50.8/4

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: -17.418 $\pm$ 0.665 χ^2 /NDF: 50.8/4

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: 6.110+/-0.903 χ^2/NDF : 14.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

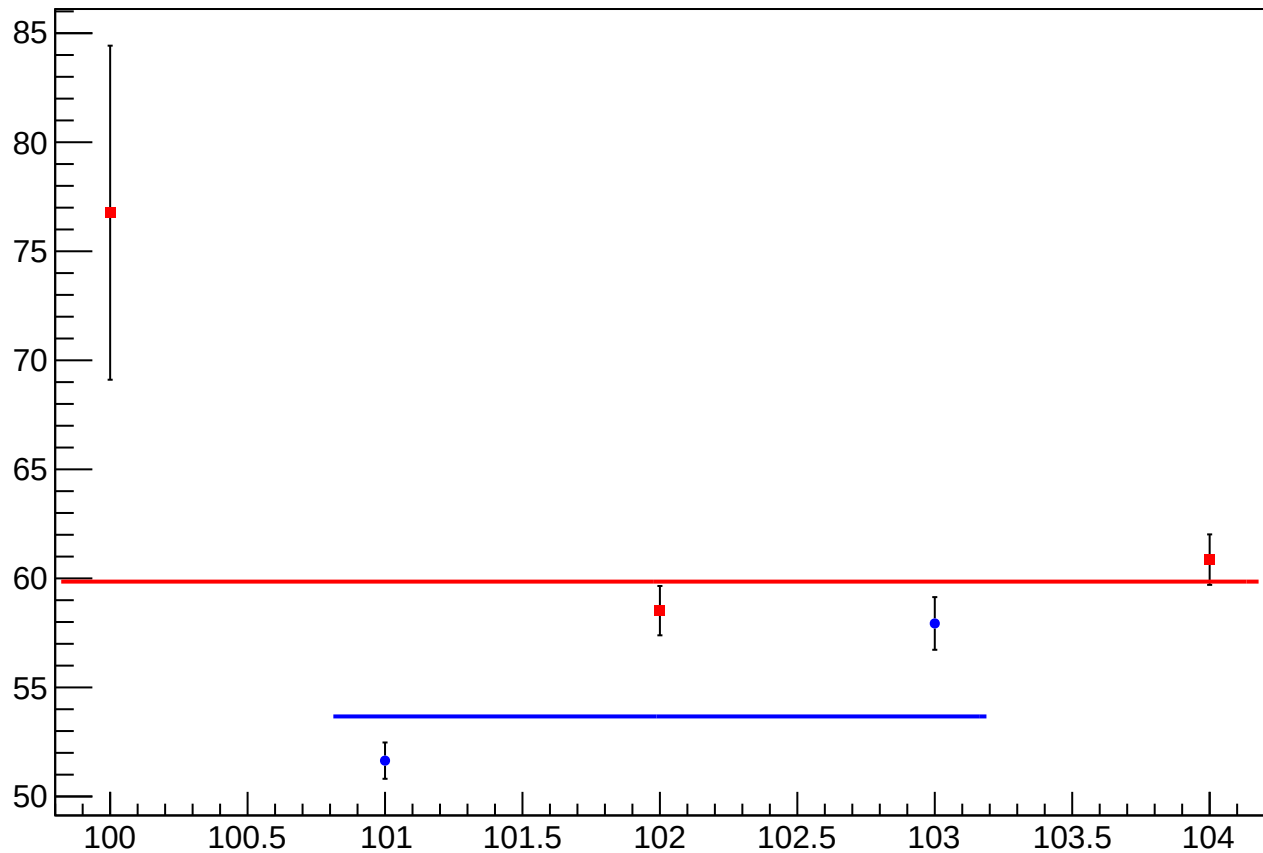
Right: 2.698+/-0.584 χ^2/NDF : 110.8/4

In: 0.241+/-0.766 χ^2/NDF : 71.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.698+/-0.584 χ^2/NDF : 110.8/4

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.670 $\pm$ 0.686 χ^2 /NDF: 18.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.852 $\pm$ 0.804 χ^2 /NDF: 7.0/2

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

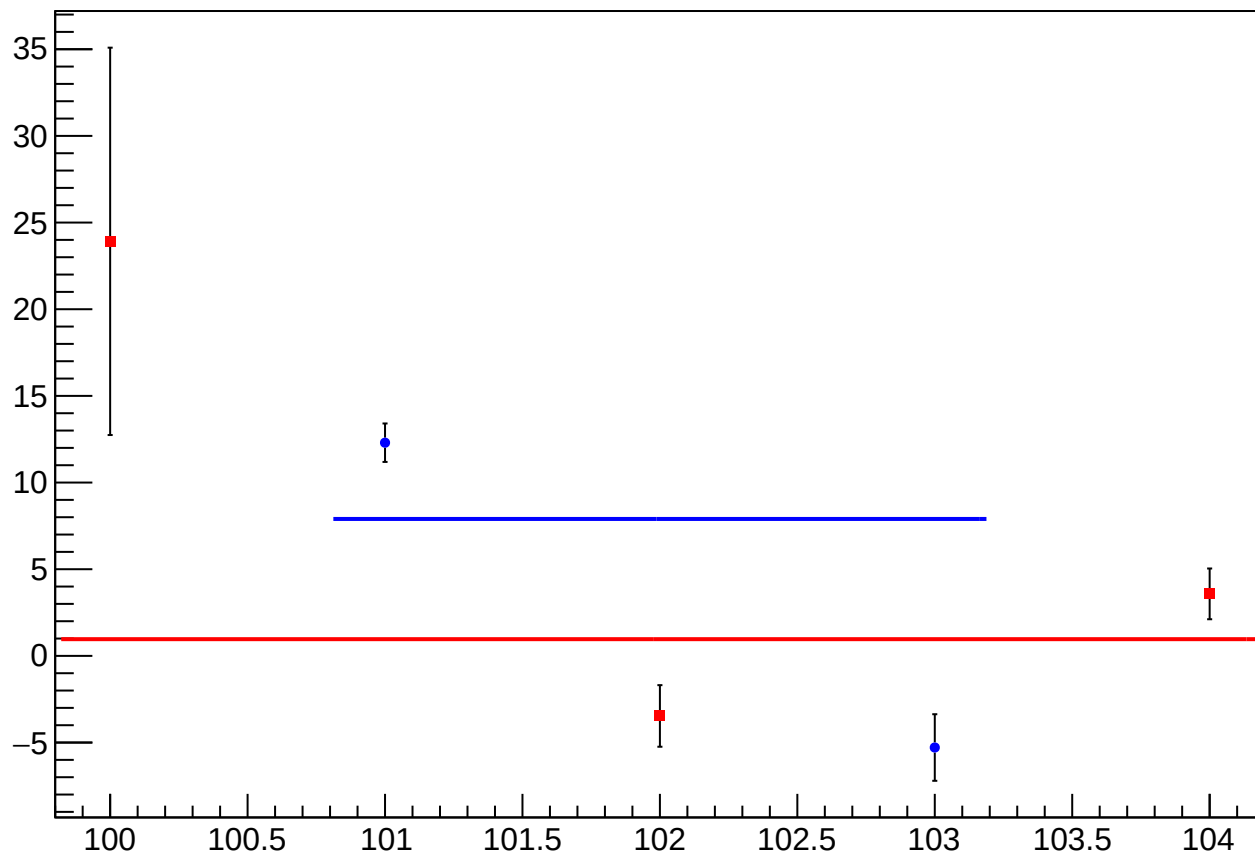
Right: 56.272 $\pm$ 0.522 χ^2 /NDF: 59.6/4

In: 53.670 $\pm$ 0.686 χ^2 /NDF: 18.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.272 $\pm$ 0.522 χ^2 /NDF: 59.6/4

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: 0.964+/-1.124 χ^2/NDF : 13.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

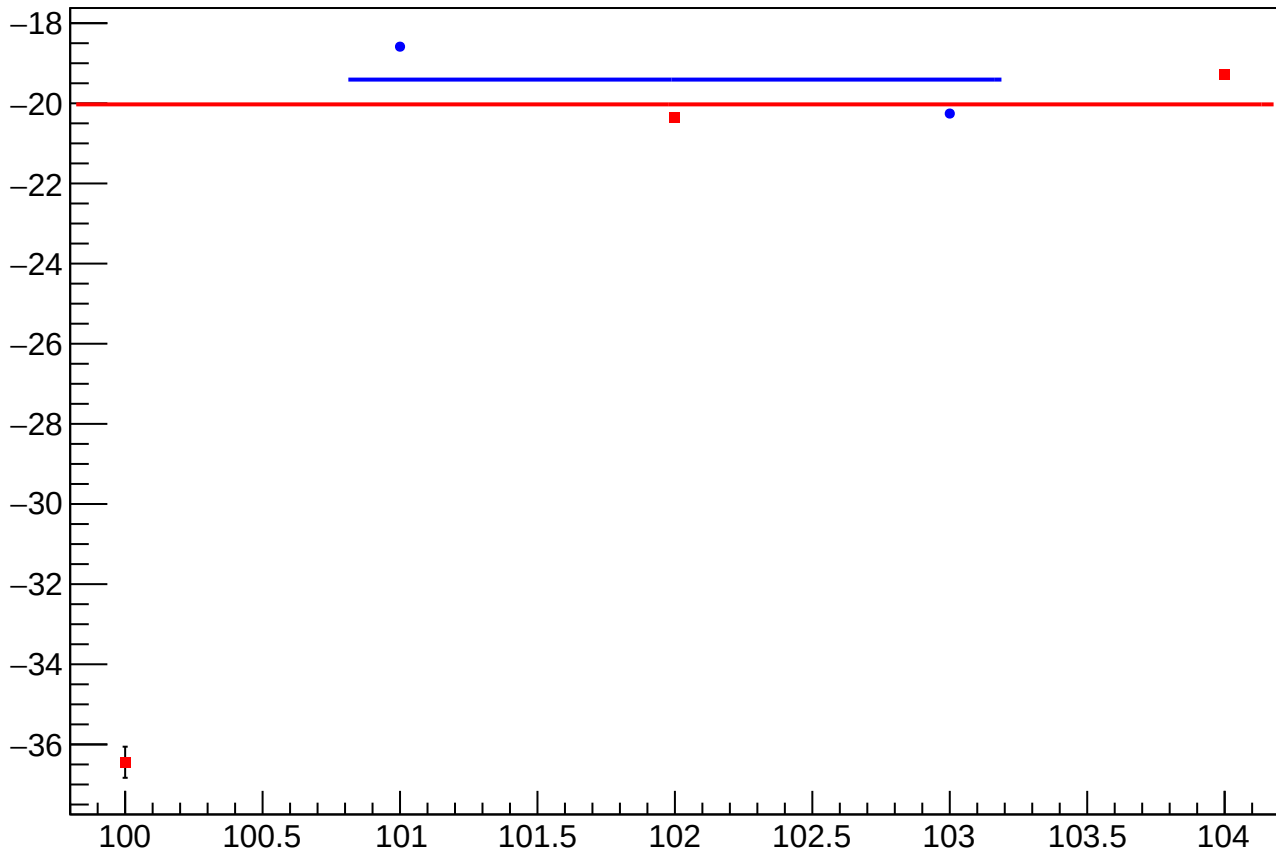
Right: 4.973+/-0.730 χ^2/NDF : 98.5/4

In: 7.900+/-0.961 χ^2/NDF : 62.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.973+/-0.730 χ^2/NDF : 98.5/4

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: -20.027 ± 0.037 $\chi^2/\text{NDF}: 2013.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

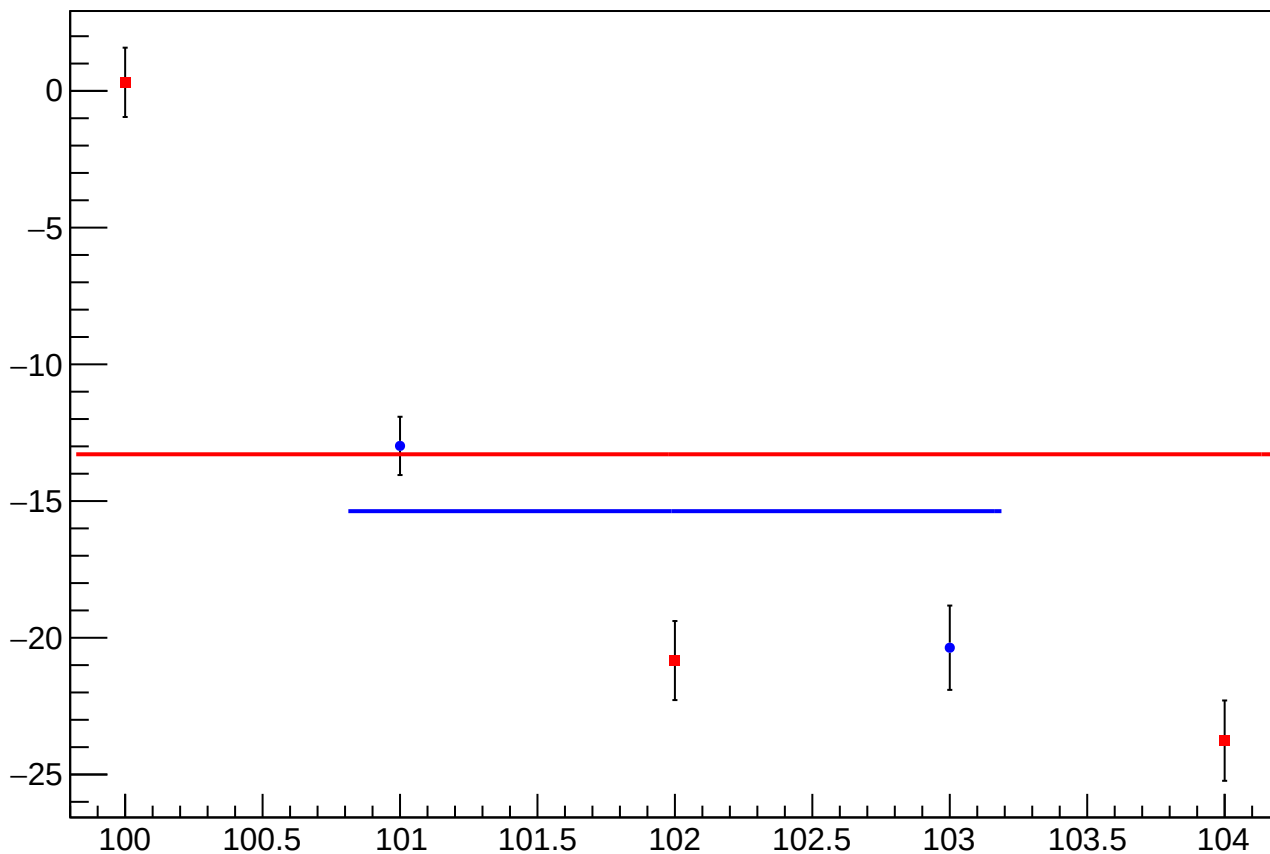
Right: -19.704 ± 0.026 $\chi^2/\text{NDF}: 2716.5/4$

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: -19.704 ± 0.026 $\chi^2/\text{NDF}: 2716.5/4$

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.370 $\pm$ 0.877 χ^2 /NDF: 15.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.289 $\pm$ 0.800 χ^2 /NDF: 193.2/2

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

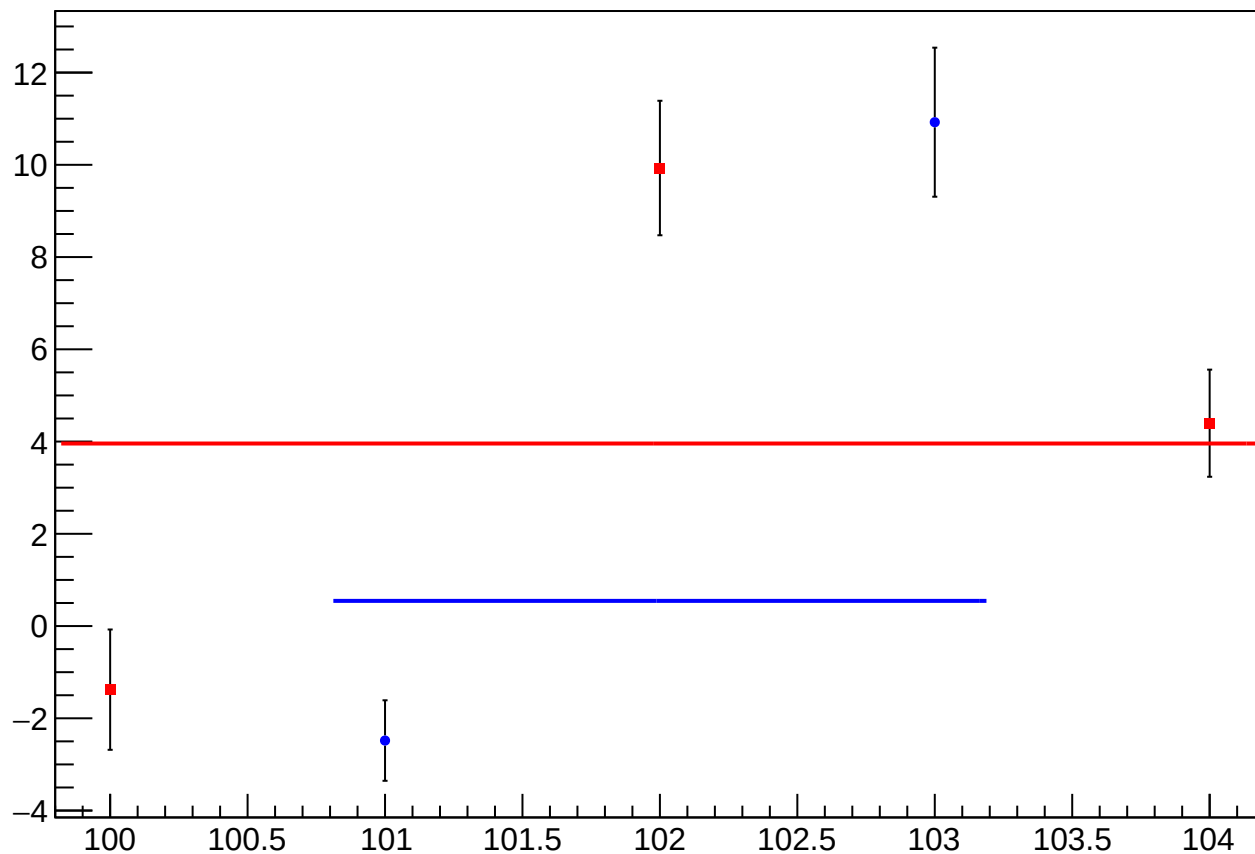
Right: -14.234 $\pm$ 0.591 χ^2 /NDF: 211.8/4

In: -15.370 $\pm$ 0.877 χ^2 /NDF: 15.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.234 $\pm$ 0.591 χ^2 /NDF: 211.8/4

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: 3.958+/-0.745 χ^2/NDF : 33.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

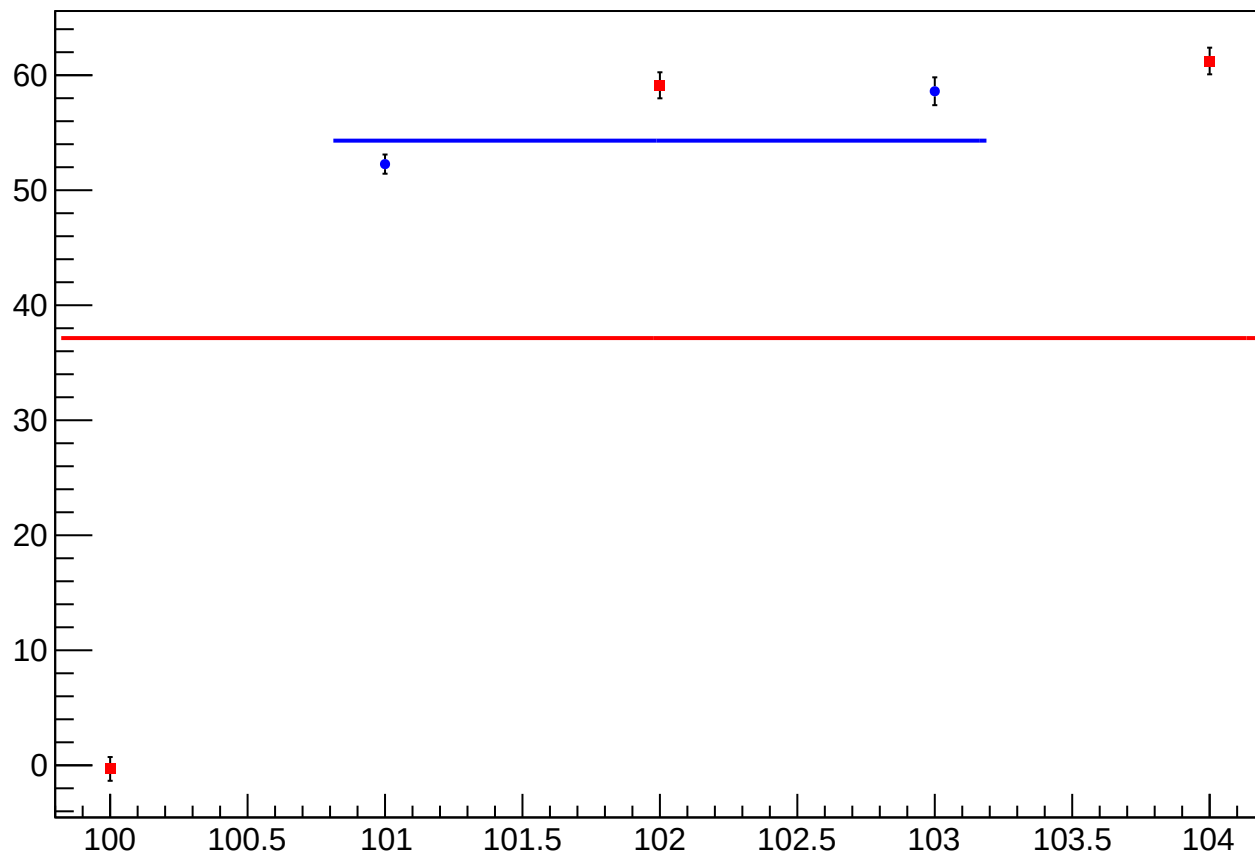
Right: 2.302+/-0.535 χ^2/NDF : 97.1/4

In: 0.546+/-0.768 χ^2/NDF : 53.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.302+/-0.535 χ^2/NDF : 97.1/4

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 54.310+/-0.687 χ^2/NDF : 18.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.144+/-0.637 χ^2/NDF : 2123.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

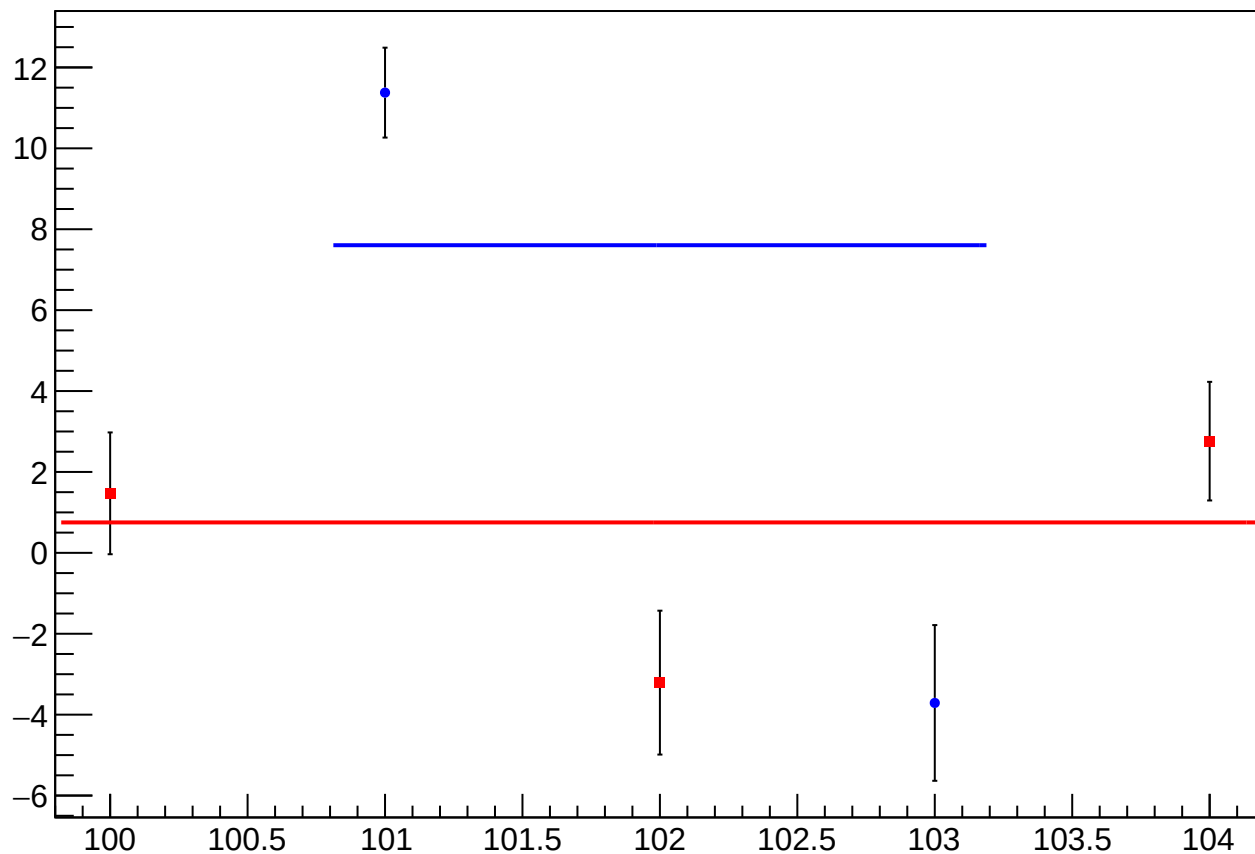
Right: 45.086+/-0.467 χ^2/NDF : 2477.9/4

In: 54.310+/-0.687 χ^2/NDF : 18.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.086+/-0.467 χ^2/NDF : 2477.9/4

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: 0.752 $\pm$ 0.904 χ^2 /NDF: 7.1/2

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

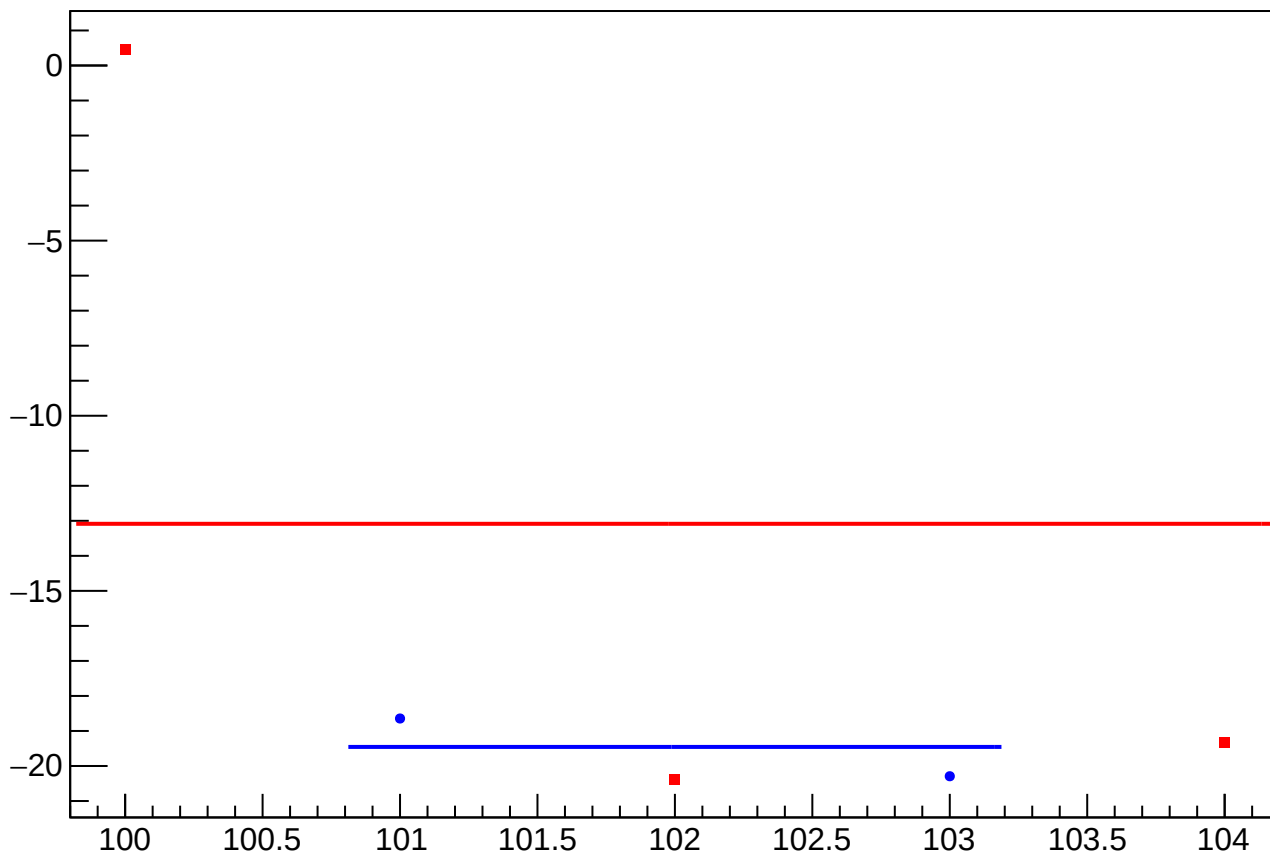
Right: 3.966 $\pm$ 0.659 χ^2 /NDF: 80.1/4

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: 3.966 $\pm$ 0.659 χ^2 /NDF: 80.1/4

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.456 $\pm$ 0.035 χ^2 /NDF: 540.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.085 $\pm$ 0.030 χ^2 /NDF: 100915.6/2

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

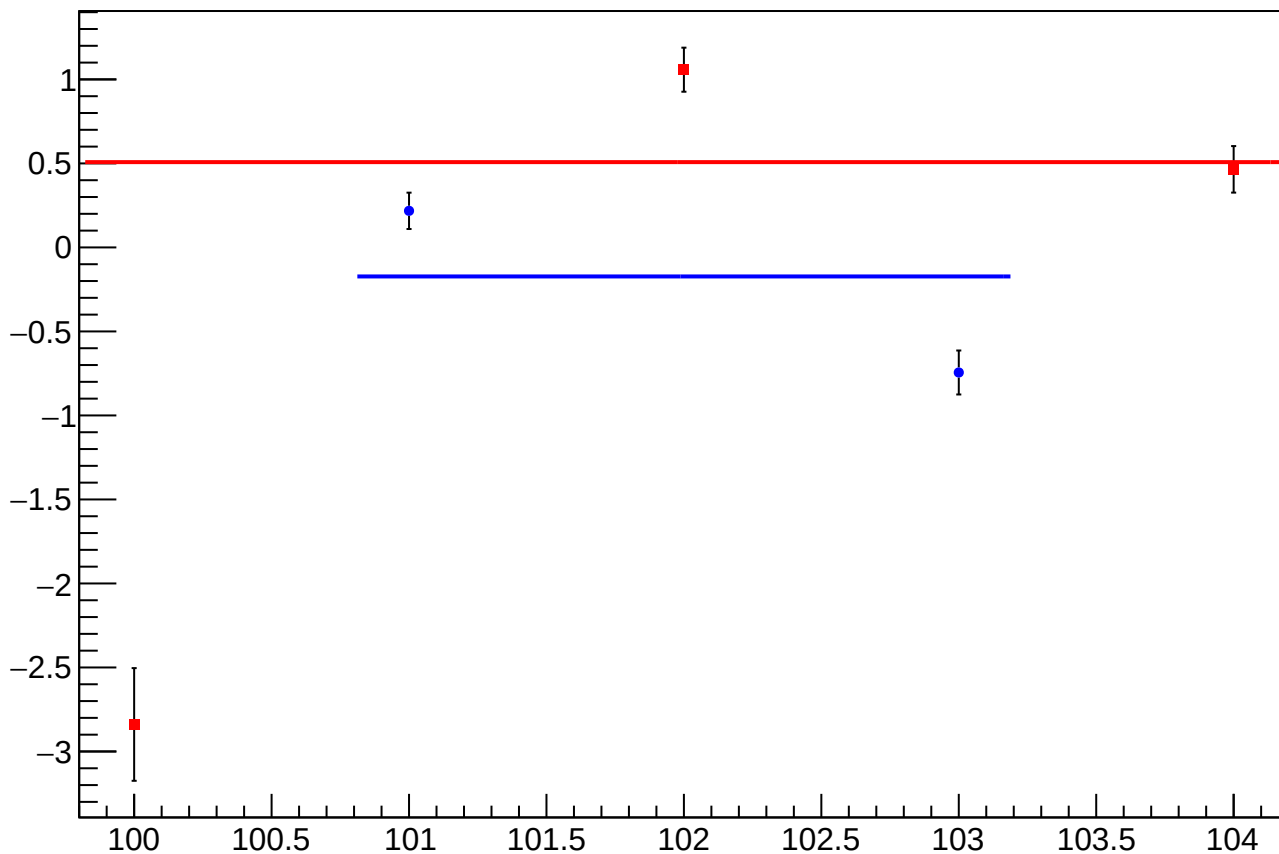
Right: -15.773 $\pm$ 0.023 χ^2 /NDF: 120121.5/4

In: -19.456 $\pm$ 0.035 χ^2 /NDF:540.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.773 $\pm$ 0.023 χ^2 /NDF: 120121.5/4

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.173+/-0.083 χ^2/NDF : 32.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.508+/-0.092 χ^2/NDF : 117.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

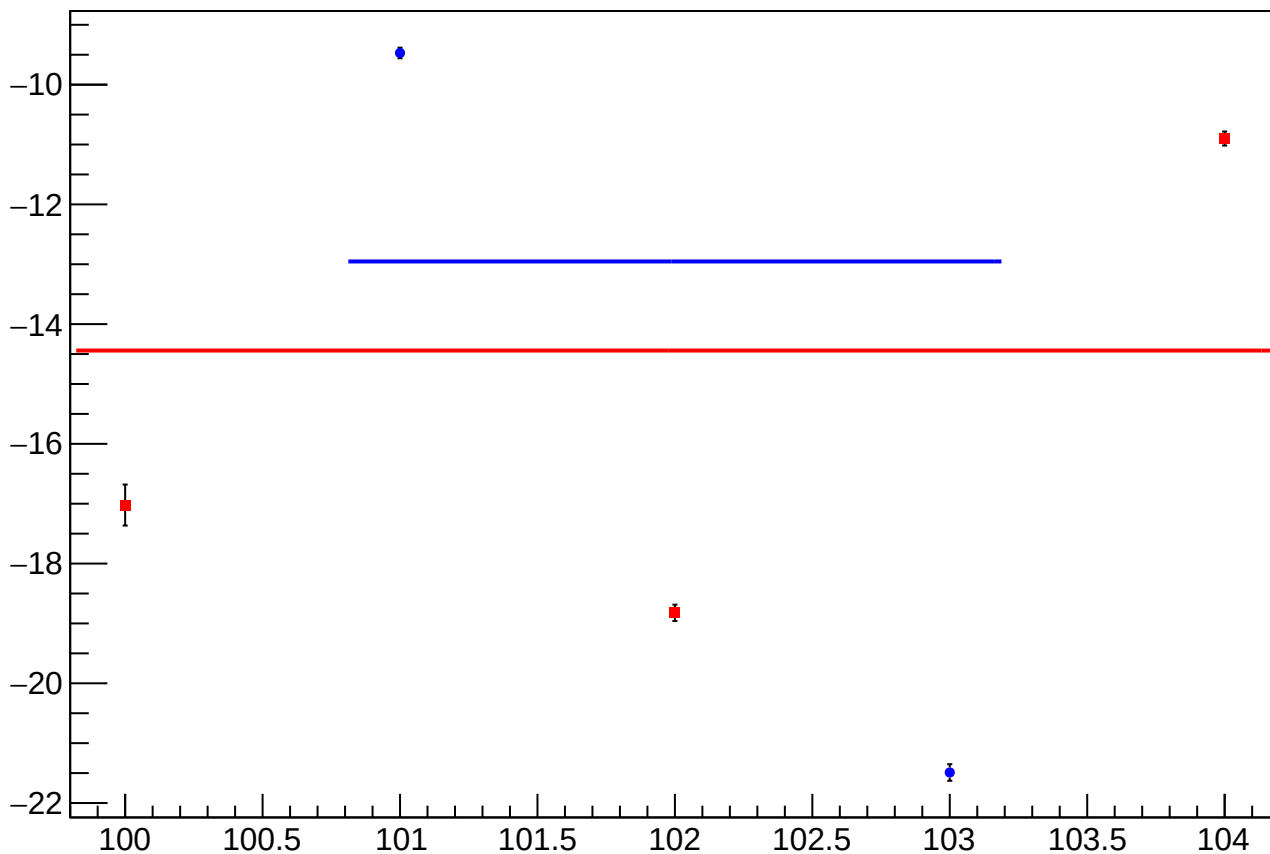
Right: 0.136+/-0.062 χ^2/NDF : 179.6/4

In: -0.173+/-0.083 χ^2/NDF : 32.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.136+/-0.062 χ^2/NDF : 179.6/4

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: -14.441+/-0.086 χ^2/NDF : 1999.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

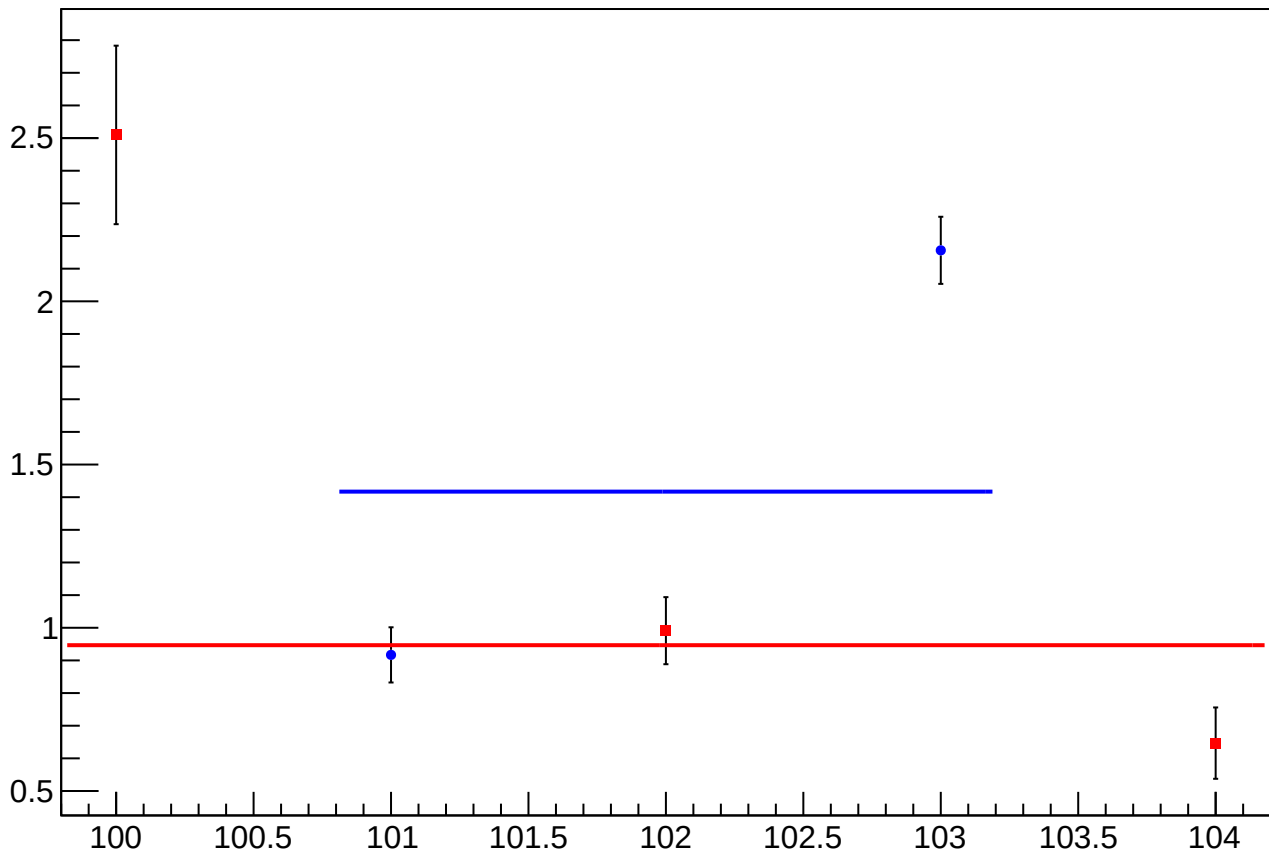
Right: -13.592+/-0.056 χ^2/NDF : 7501.2/4

In: -12.953+/-0.075 χ^2/NDF : 5330.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.592+/-0.056 χ^2/NDF : 7501.2/4

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: 0.947+/-0.072 χ^2/NDF : 40.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

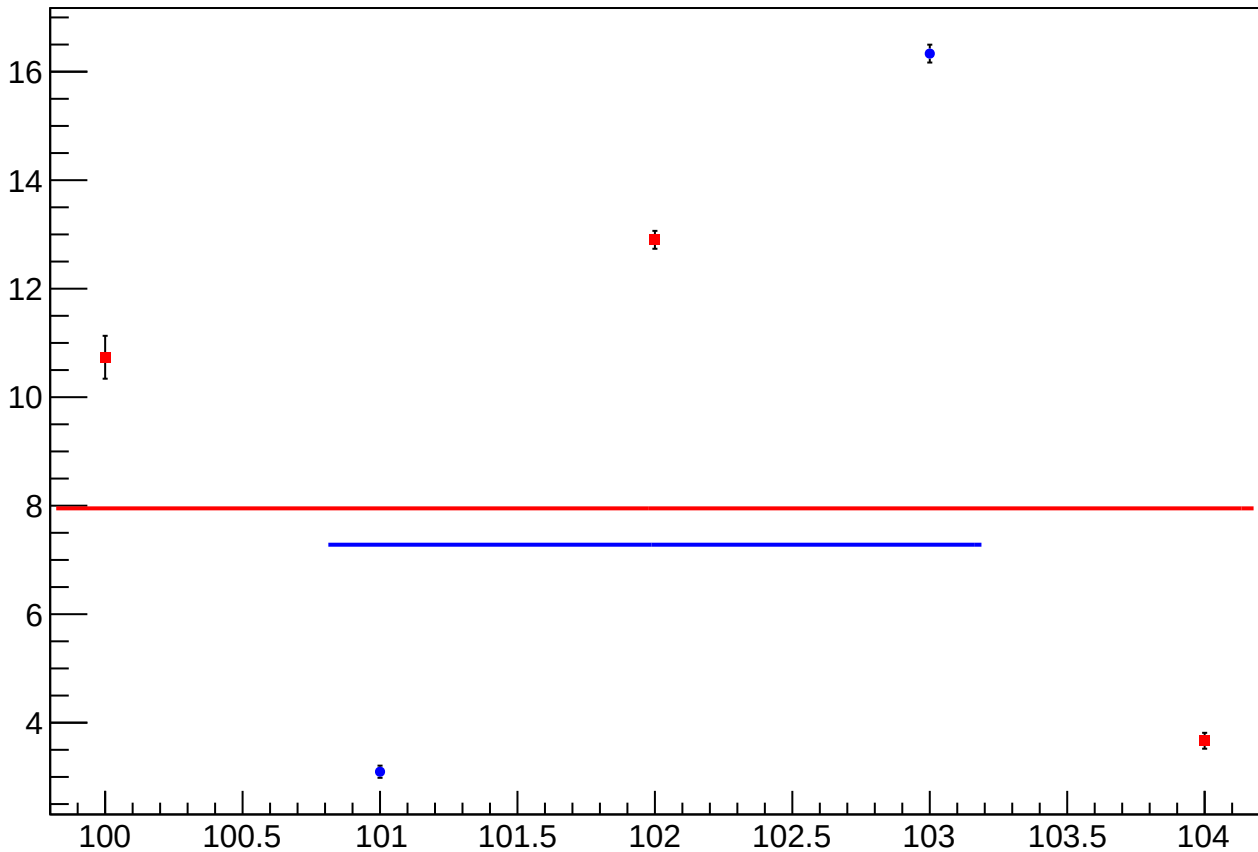
Right: 1.205+/-0.048 χ^2/NDF : 150.5/4

In: 1.417+/-0.065 χ^2/NDF : 86.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.205+/-0.048 χ^2/NDF : 150.5/4

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: 7.951+/-0.106 χ^2/NDF : 1803.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

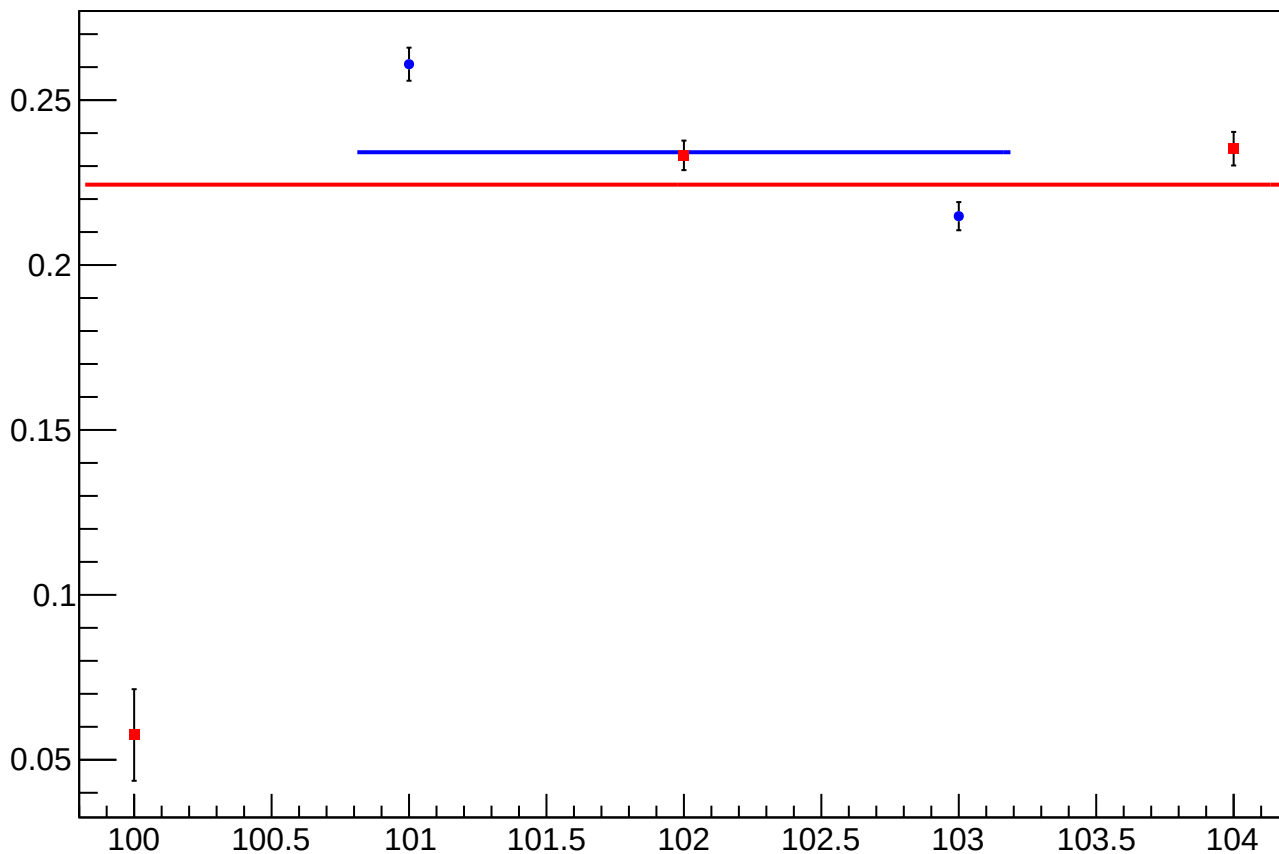
Right: 7.572+/-0.070 χ^2/NDF : 6243.3/4

In: 7.281+/-0.093 χ^2/NDF : 4416.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.572+/-0.070 χ^2/NDF : 6243.3/4

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: 0.224+/-0.003 χ^2/NDF : 152.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

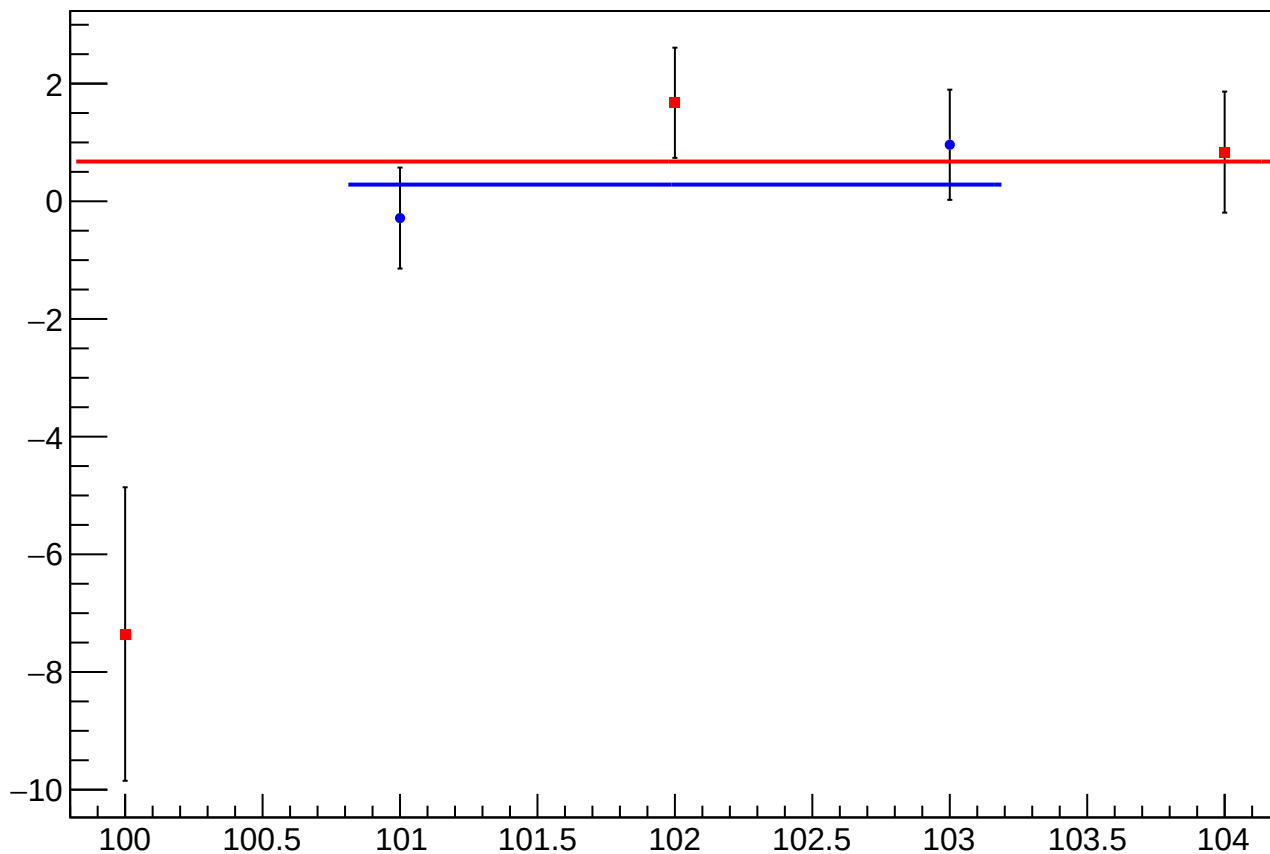
Right: 0.229+/-0.002 χ^2/NDF : 206.4/4

In: 0.234+/-0.003 χ^2/NDF : 49.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.229+/-0.002 χ^2/NDF : 206.4/4

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: 0.675+/-0.667 χ^2/NDF : 11.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

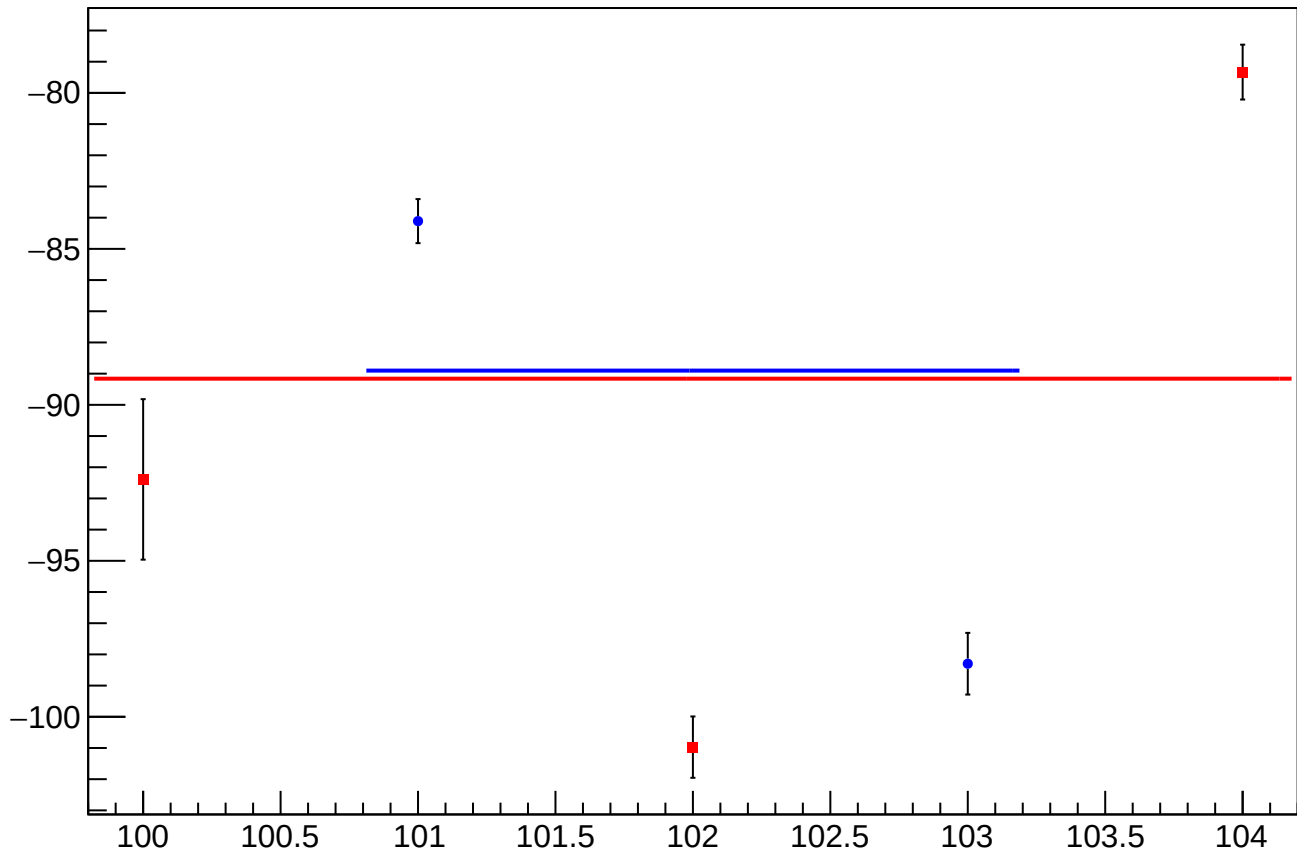
Right: 0.469+/-0.459 χ^2/NDF : 12.7/4

In: 0.284+/-0.633 χ^2/NDF : 1.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.469+/-0.459 χ^2/NDF : 12.7/4

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -88.902 $\pm$ 0.575 χ^2 /NDF: 136.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.161 $\pm$ 0.635 χ^2 /NDF: 270.8/2

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

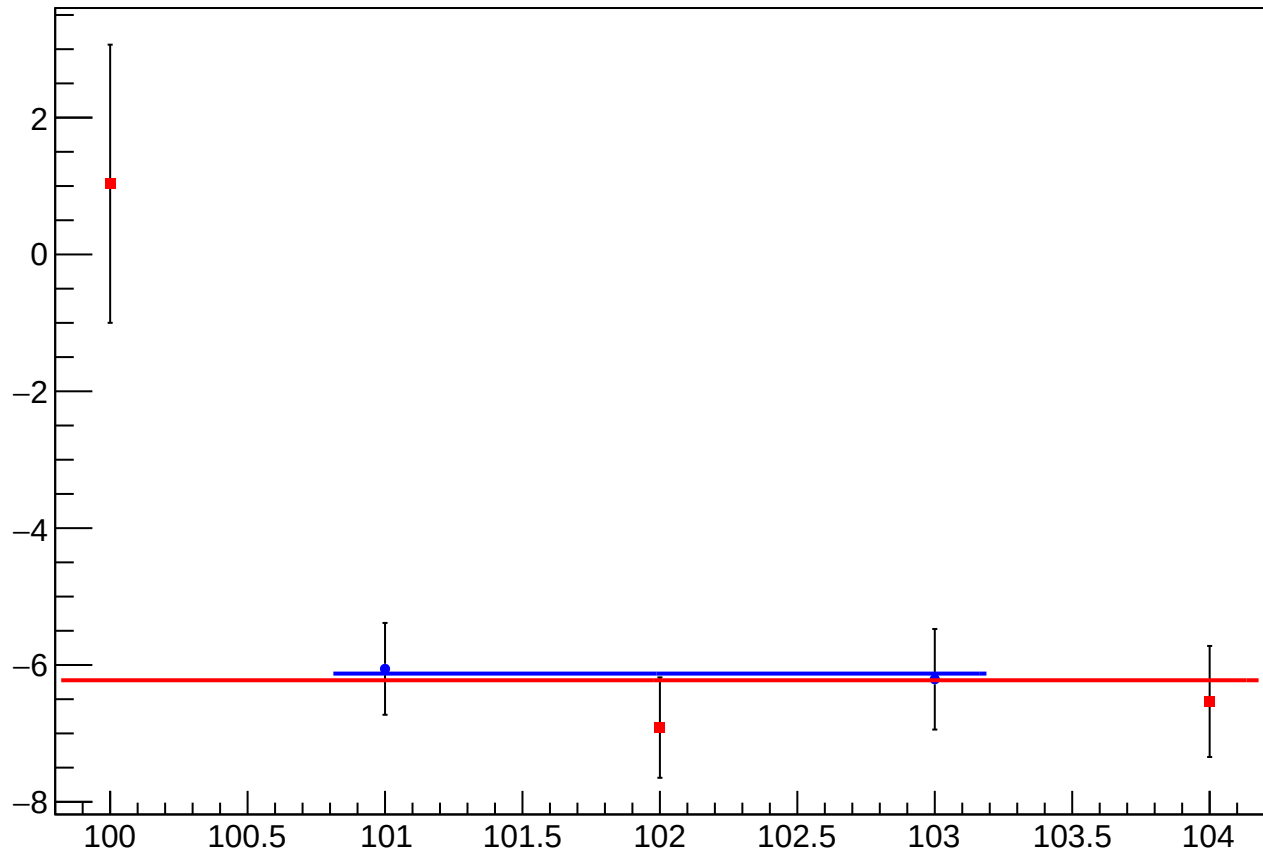
Right: -89.019 $\pm$ 0.426 χ^2 /NDF: 407.3/4

In: -88.902 $\pm$ 0.575 χ^2 /NDF: 136.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -89.019 $\pm$ 0.426 χ^2 /NDF: 407.3/4

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: -6.223+/-0.526 χ^2/NDF : 13.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

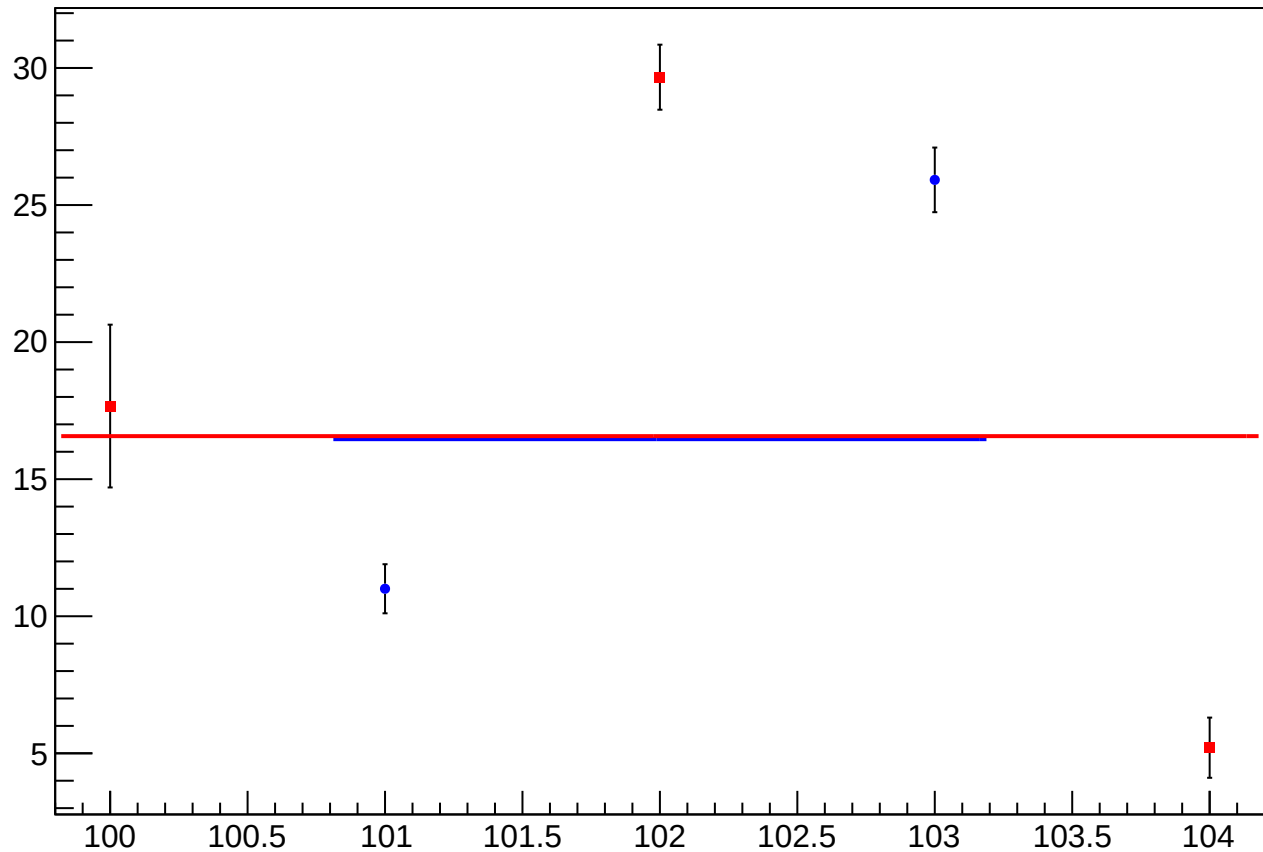
Right: -6.171+/-0.361 χ^2/NDF : 13.8/4

In: -6.126+/-0.496 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.171+/-0.361 χ^2/NDF : 13.8/4

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.460 $\pm$ 0.713 χ^2 /NDF: 101.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.570 $\pm$ 0.778 χ^2 /NDF: 229.1/2

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

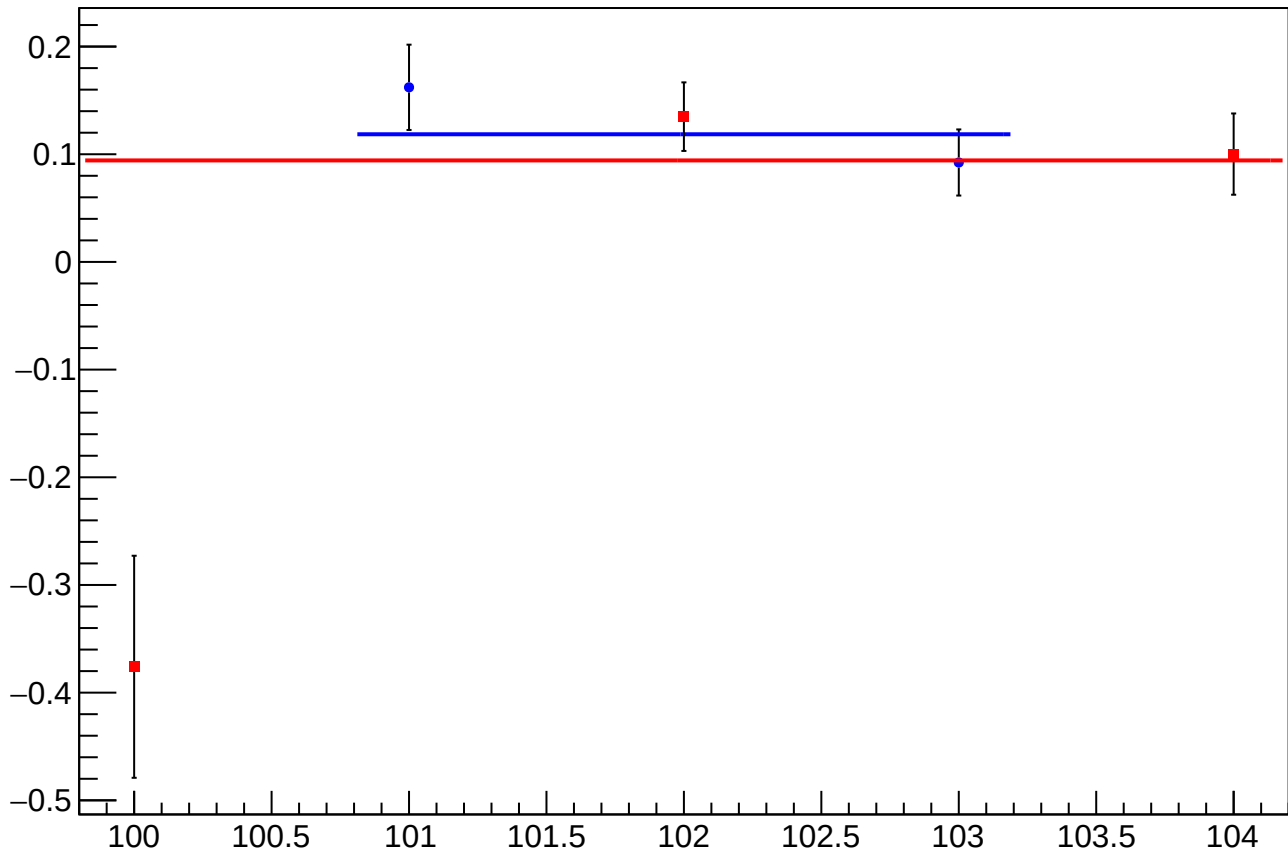
Right: 16.510 $\pm$ 0.526 χ^2 /NDF: 330.6/4

In: 16.460 $\pm$ 0.713 χ^2 /NDF: 101.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.510 $\pm$ 0.526 χ^2 /NDF: 330.6/4

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: 0.094 $\pm$ 0.024 χ^2 /NDF: 22.5/2

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

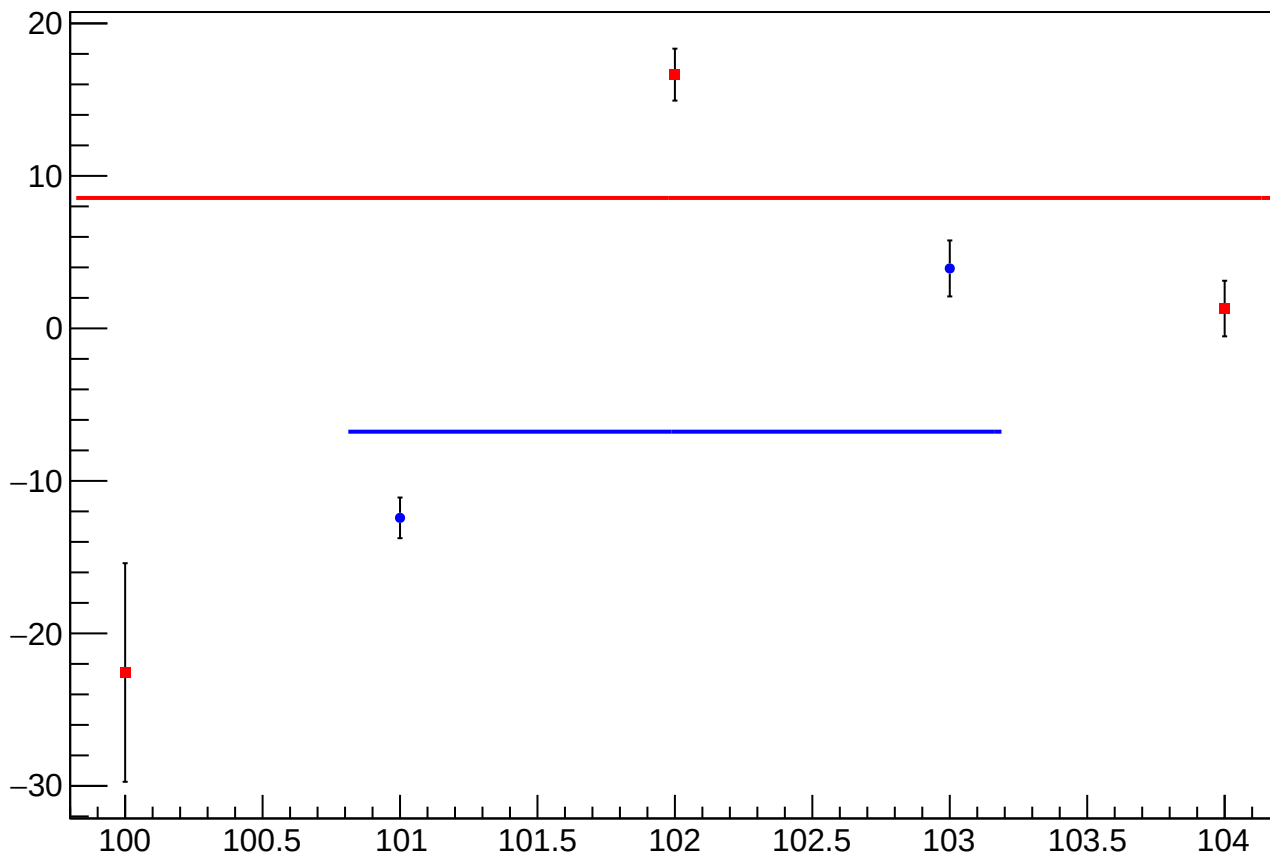
Right: 0.106 $\pm$ 0.017 χ^2 /NDF: 24.9/4

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: 0.106 $\pm$ 0.017 χ^2 /NDF: 24.9/4

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: 8.554+/-1.226 χ^2/NDF : 57.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

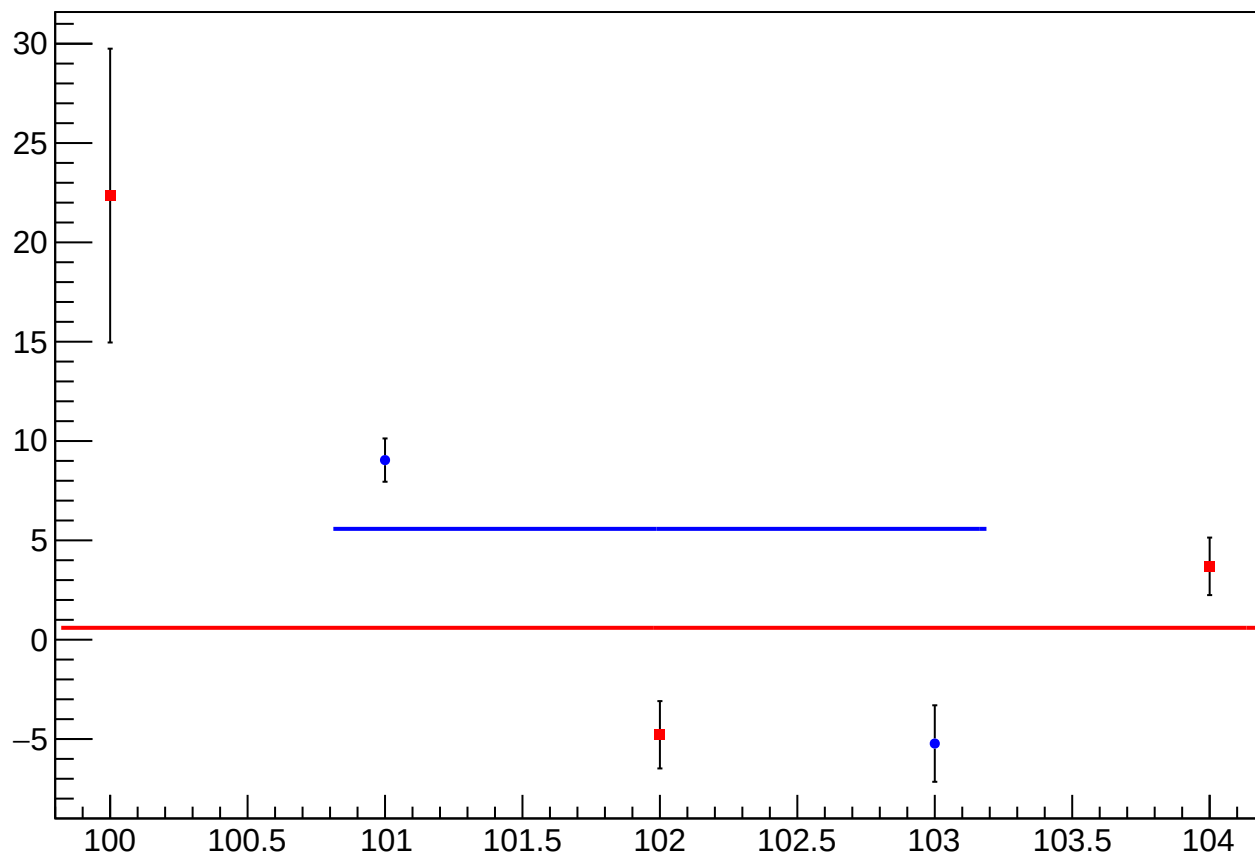
Right: -0.084+/-0.810 χ^2/NDF : 197.3/4

In: -6.773+/-1.079 χ^2/NDF : 52.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.084+/-0.810 χ^2/NDF : 197.3/4

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.579 ± 0.948 $\chi^2/\text{NDF}: 41.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.598 ± 1.089 $\chi^2/\text{NDF}: 23.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

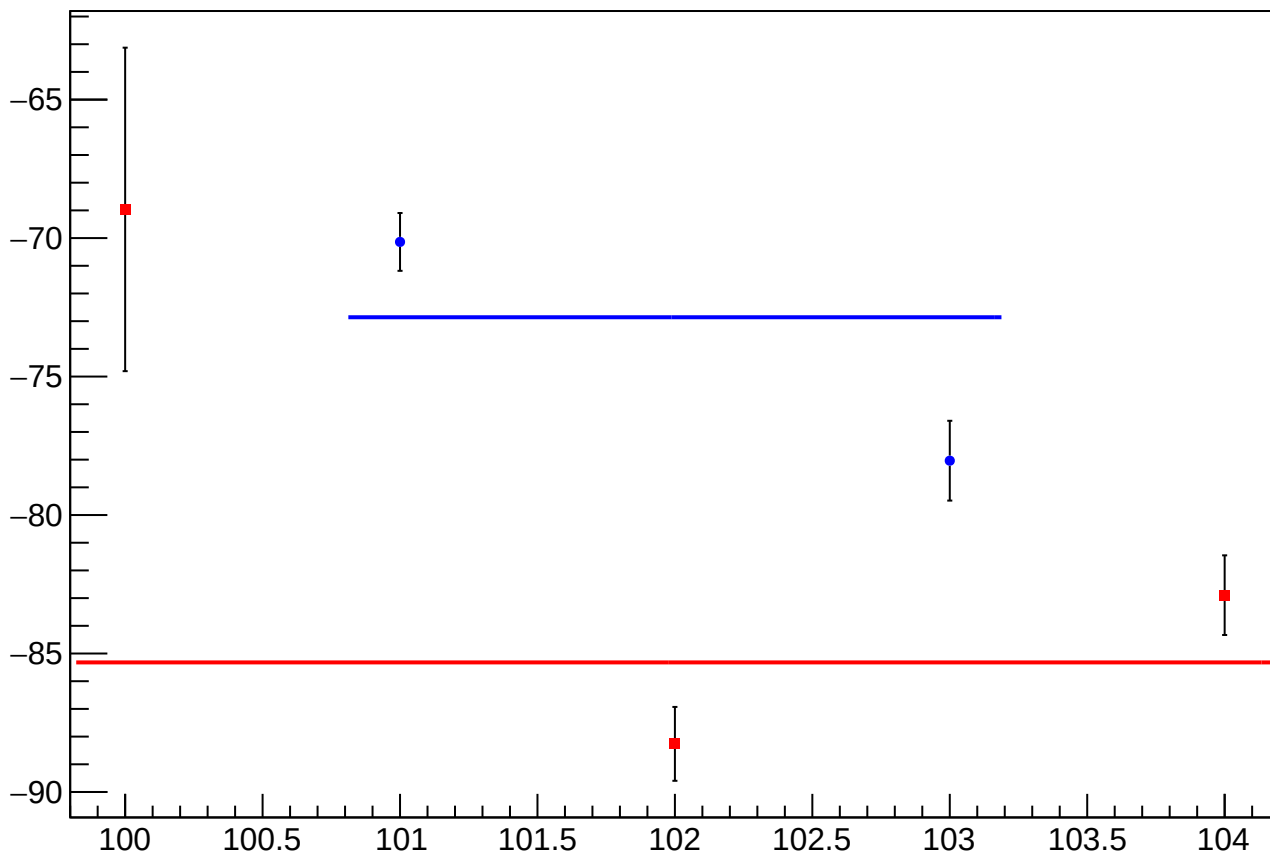
Right: 3.430 ± 0.715 $\chi^2/\text{NDF}: 76.8/4$

In: 5.579 ± 0.948 $\chi^2/\text{NDF}: 41.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.430 ± 0.715 $\chi^2/\text{NDF}: 76.8/4$

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: -85.321 $\pm$ 0.964 χ^2 /NDF: 15.6/2

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

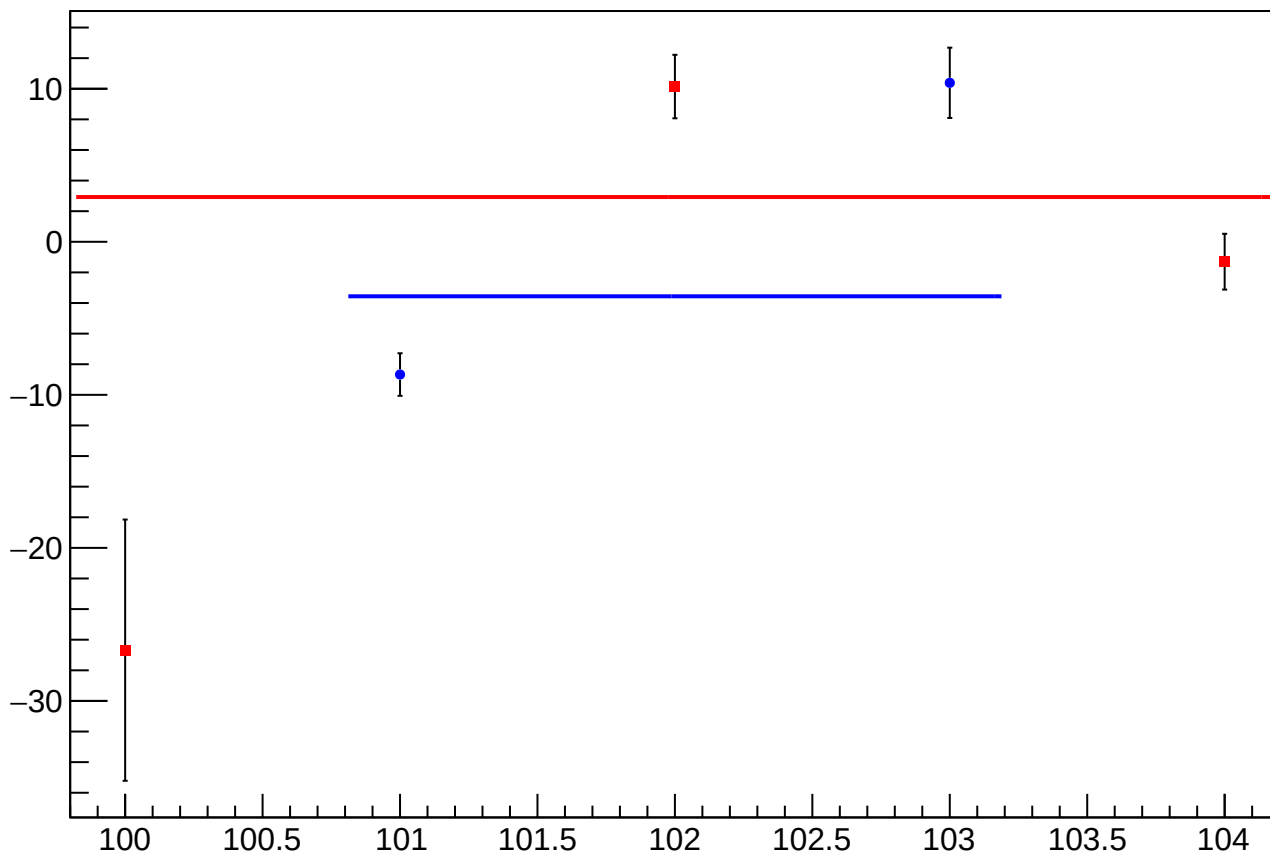
Right: -78.274 $\pm$ 0.636 χ^2 /NDF: 129.7/4

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: -78.274 $\pm$ 0.636 χ^2 /NDF: 129.7/4

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: 2.925+/-1.352 χ^2/NDF : 29.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

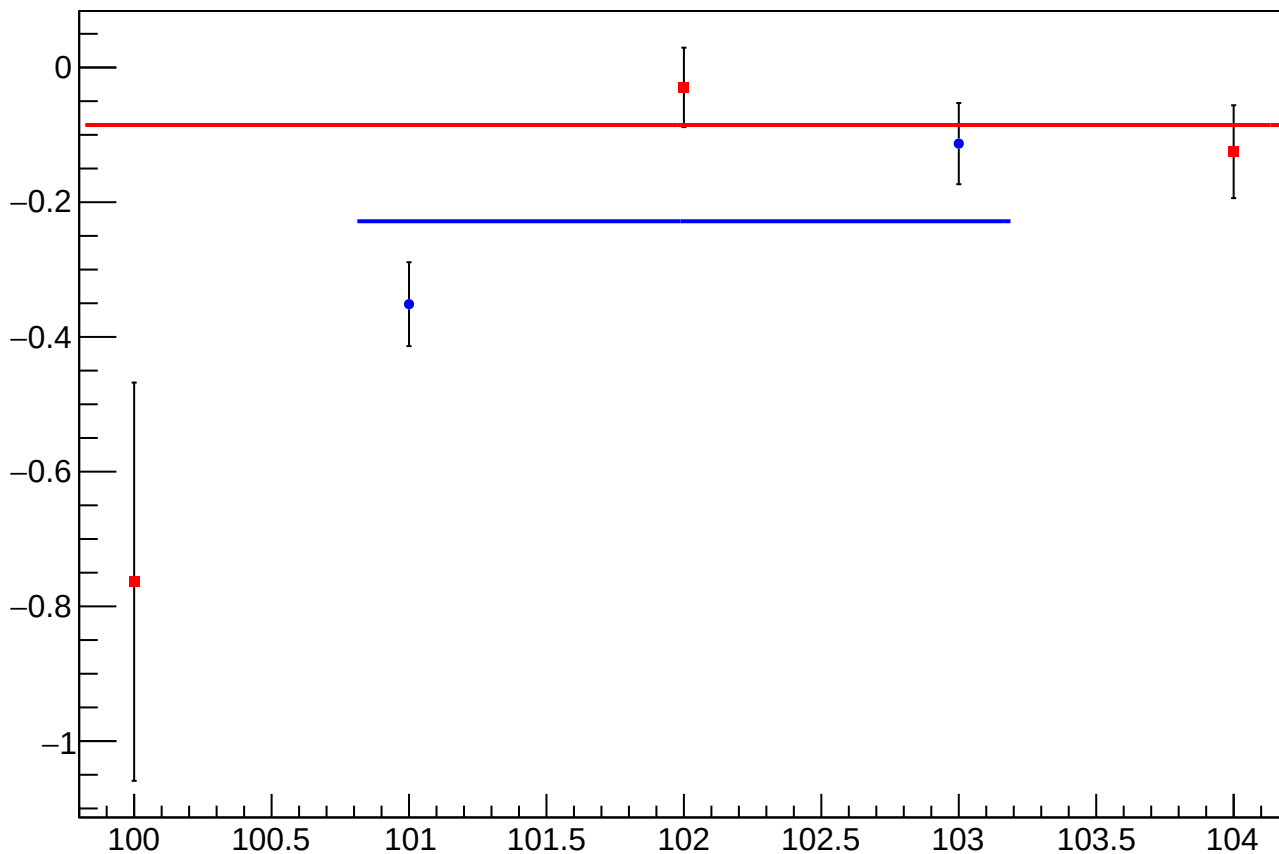
Right: -0.730+/-0.893 χ^2/NDF : 92.9/4

In: -3.561+/-1.190 χ^2/NDF : 50.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.730+/-0.893 χ^2/NDF : 92.9/4

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: -0.085+/-0.044 χ^2 /NDF: 6.5/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

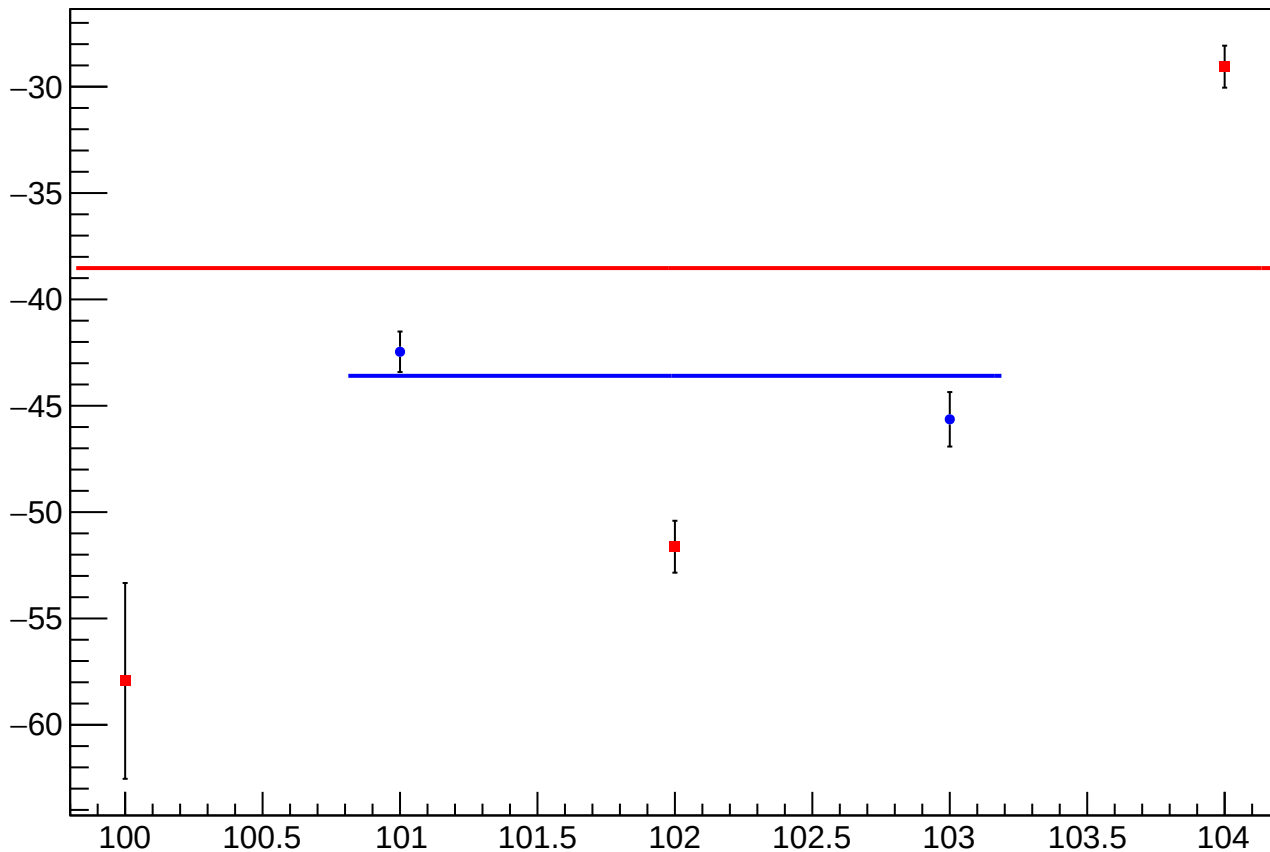
Right: -0.158+/-0.031 χ^2 /NDF: 19.4/4

In: -0.228+/-0.043 χ^2 /NDF:7.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.158+/-0.031 χ^2 /NDF: 19.4/4

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: -38.528 $\pm$ 0.757 χ^2 /NDF: 225.0/2

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

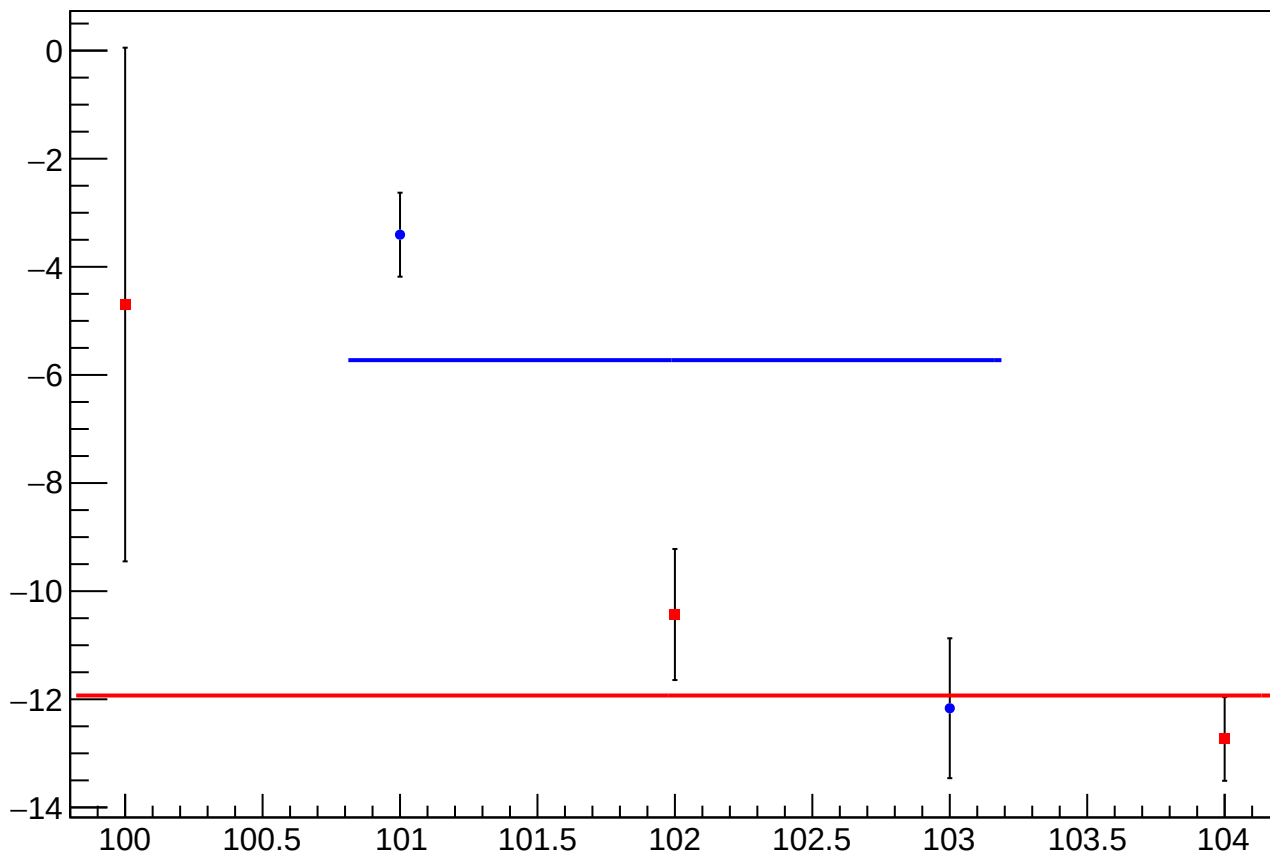
Right: -41.037 $\pm$ 0.538 χ^2 /NDF: 251.1/4

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: -41.037 $\pm$ 0.538 χ^2 /NDF: 251.1/4

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: -11.930 $\pm$ 0.647 χ^2 /NDF: 4.9/2

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

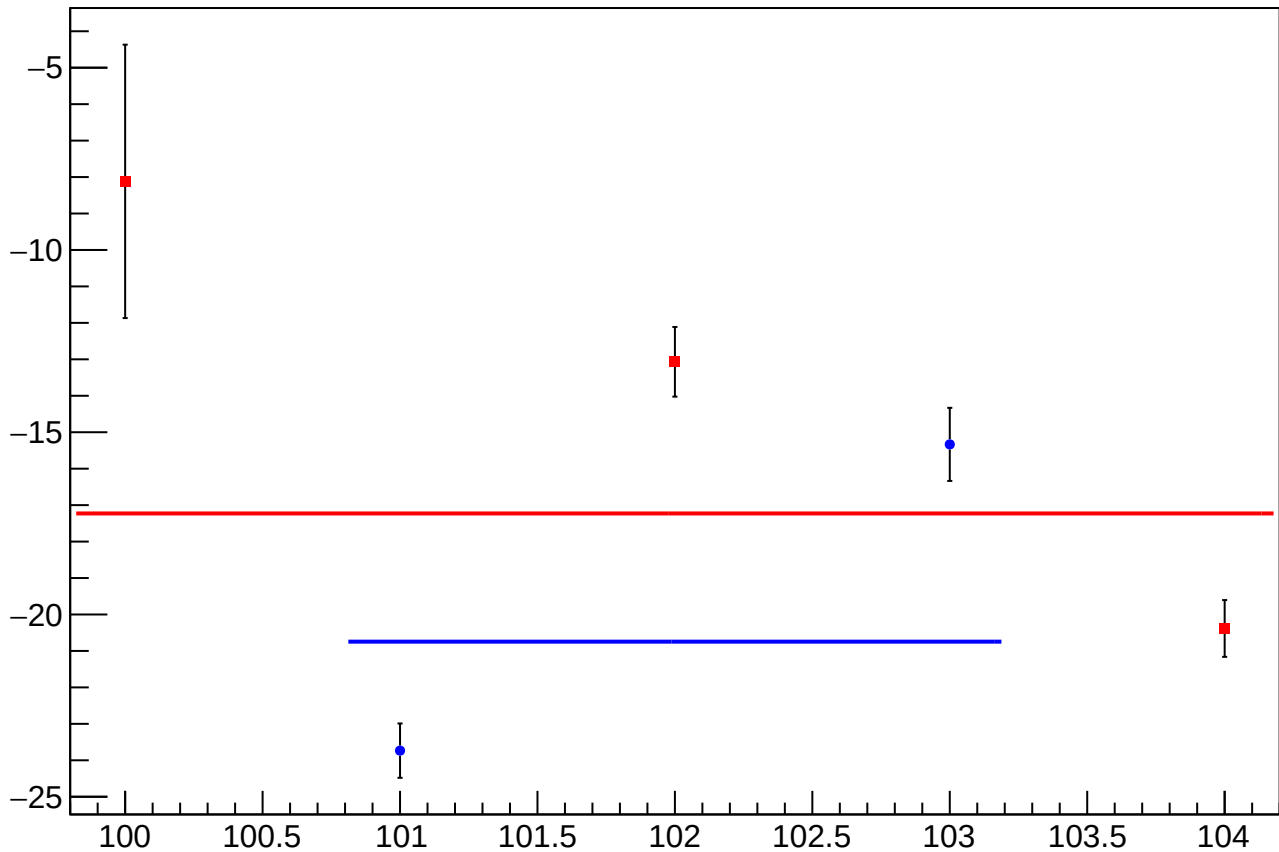
Right: -8.920 $\pm$ 0.464 χ^2 /NDF: 83.3/4

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: -8.920 $\pm$ 0.464 χ^2 /NDF: 83.3/4

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: -17.228 $\pm$ 0.596 χ^2 /NDF: 41.3/2

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

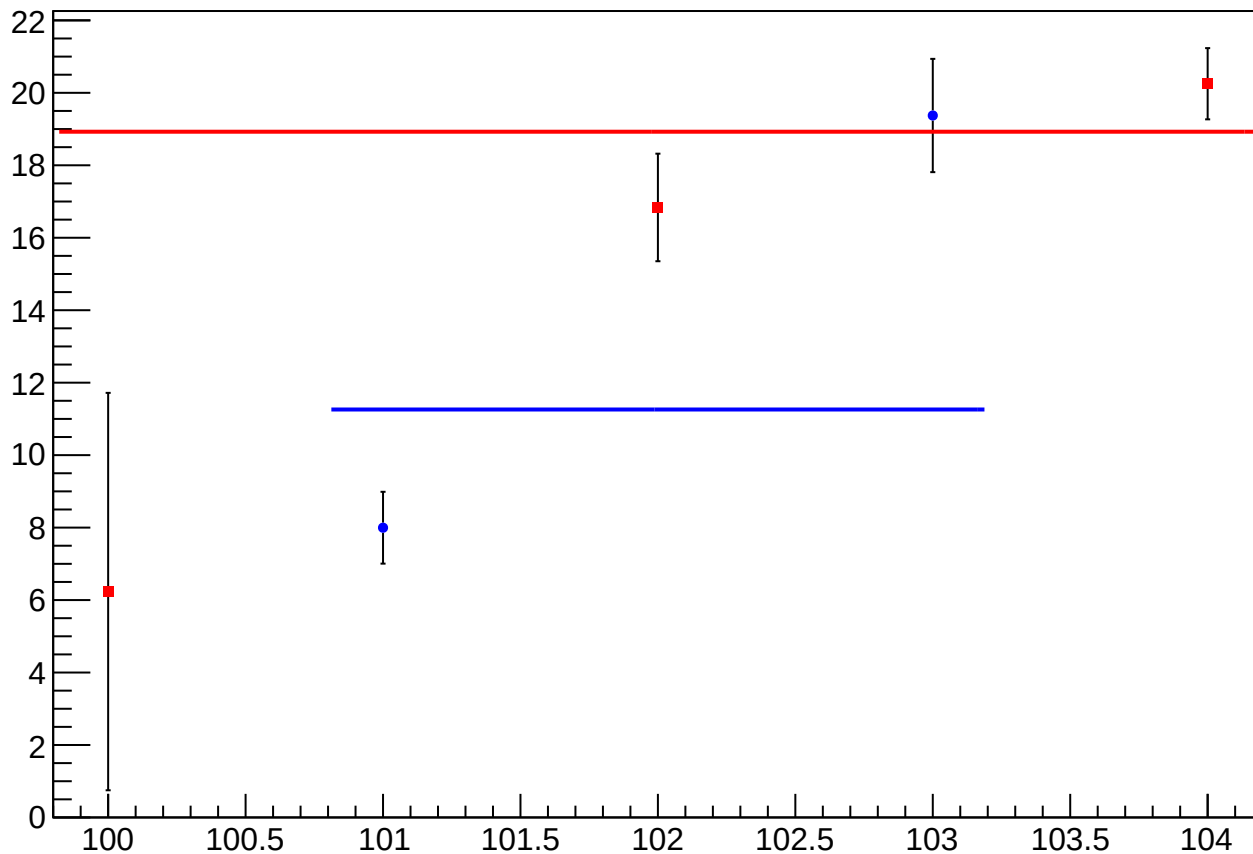
Right: -18.980 $\pm$ 0.422 χ^2 /NDF: 103.8/4

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: -18.980 $\pm$ 0.422 χ^2 /NDF: 103.8/4

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: 18.927 $\pm$ 0.810 χ^2 /NDF: 9.2/2

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

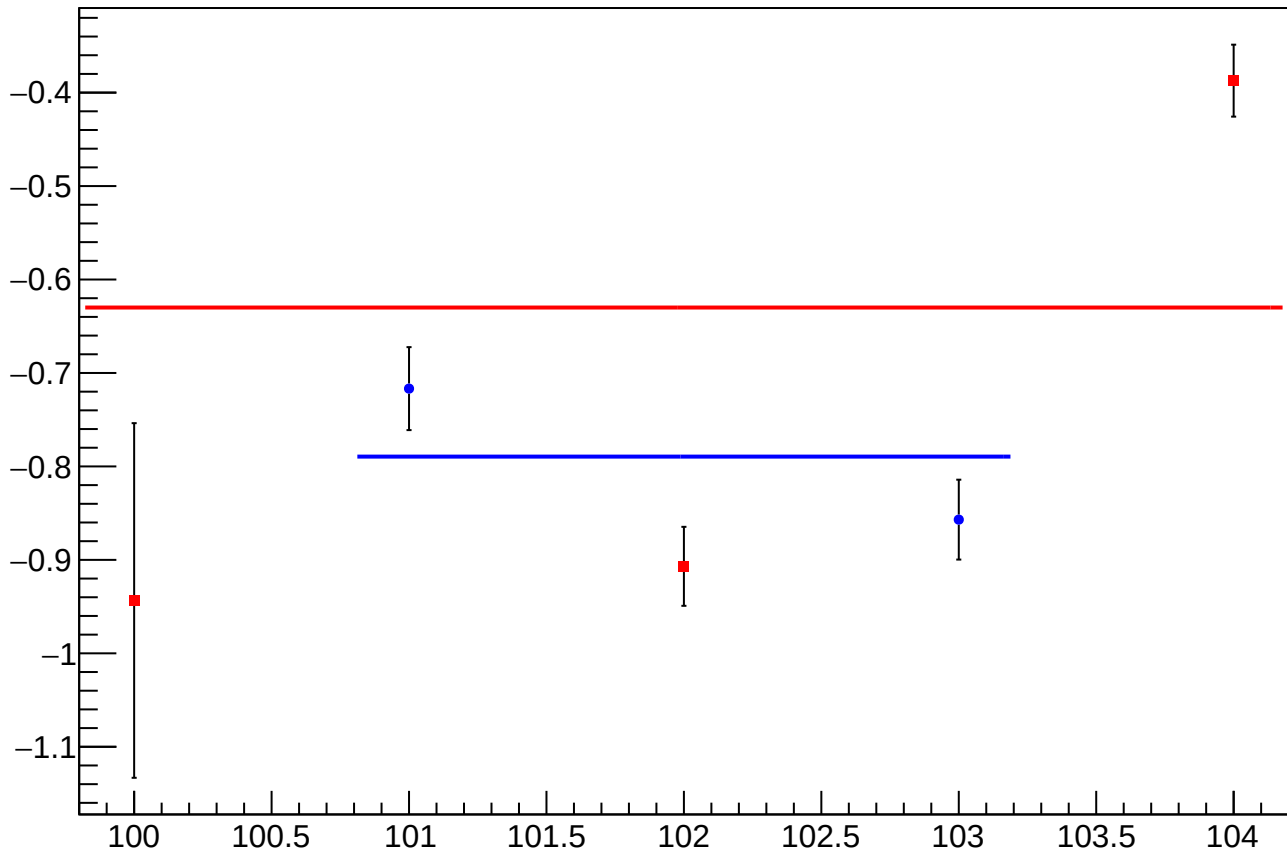
Right: 15.217 $\pm$ 0.582 χ^2 /NDF: 90.2/4

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: 15.217 $\pm$ 0.582 χ^2 /NDF: 90.2/4

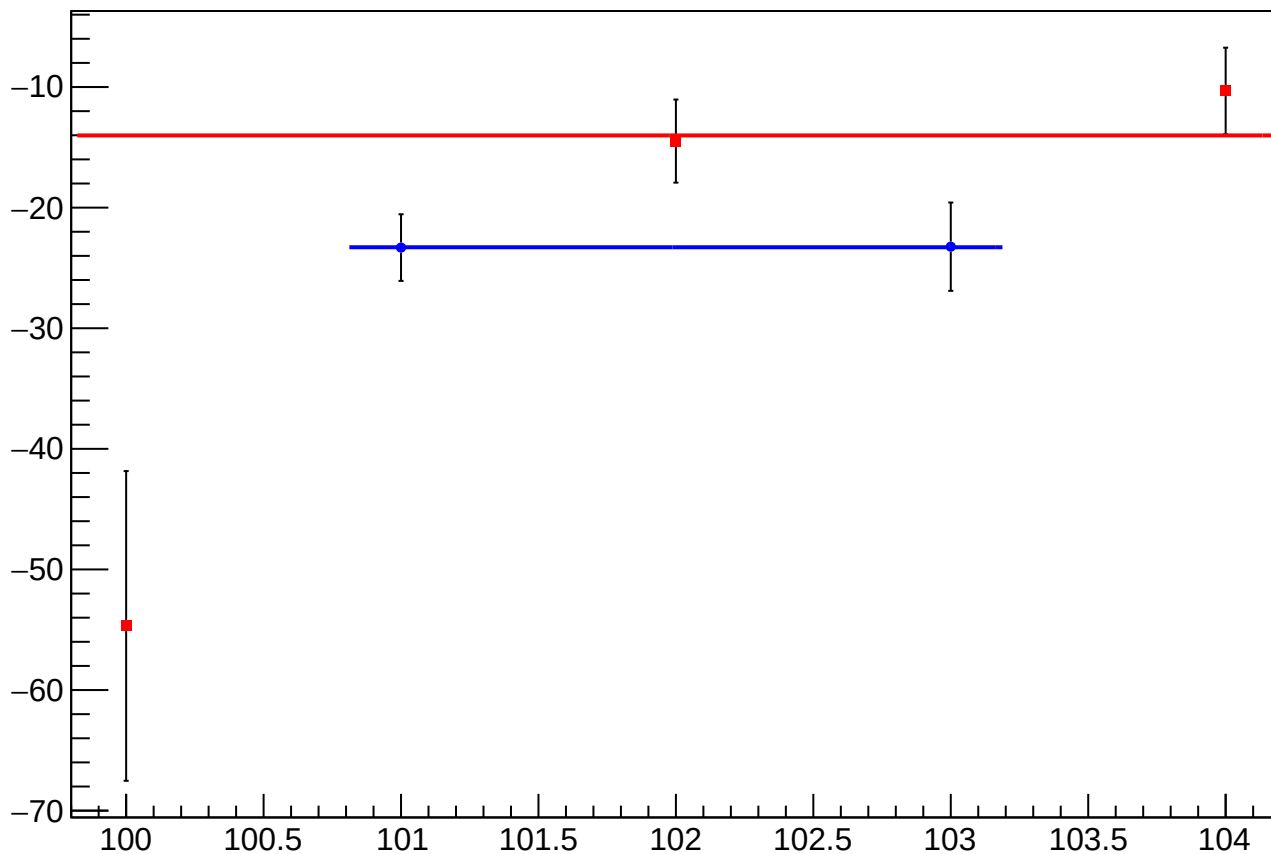
reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -0.630+/-0.028 χ^2/NDF : 85.4/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.703+/-0.021 χ^2/NDF : 105.2/4
 In: -0.789+/-0.031 χ^2/NDF : 5.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.703+/-0.021 χ^2/NDF : 105.2/4

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: -14.012 $\pm$ 2.440 χ^2 /NDF: 11.1/2

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

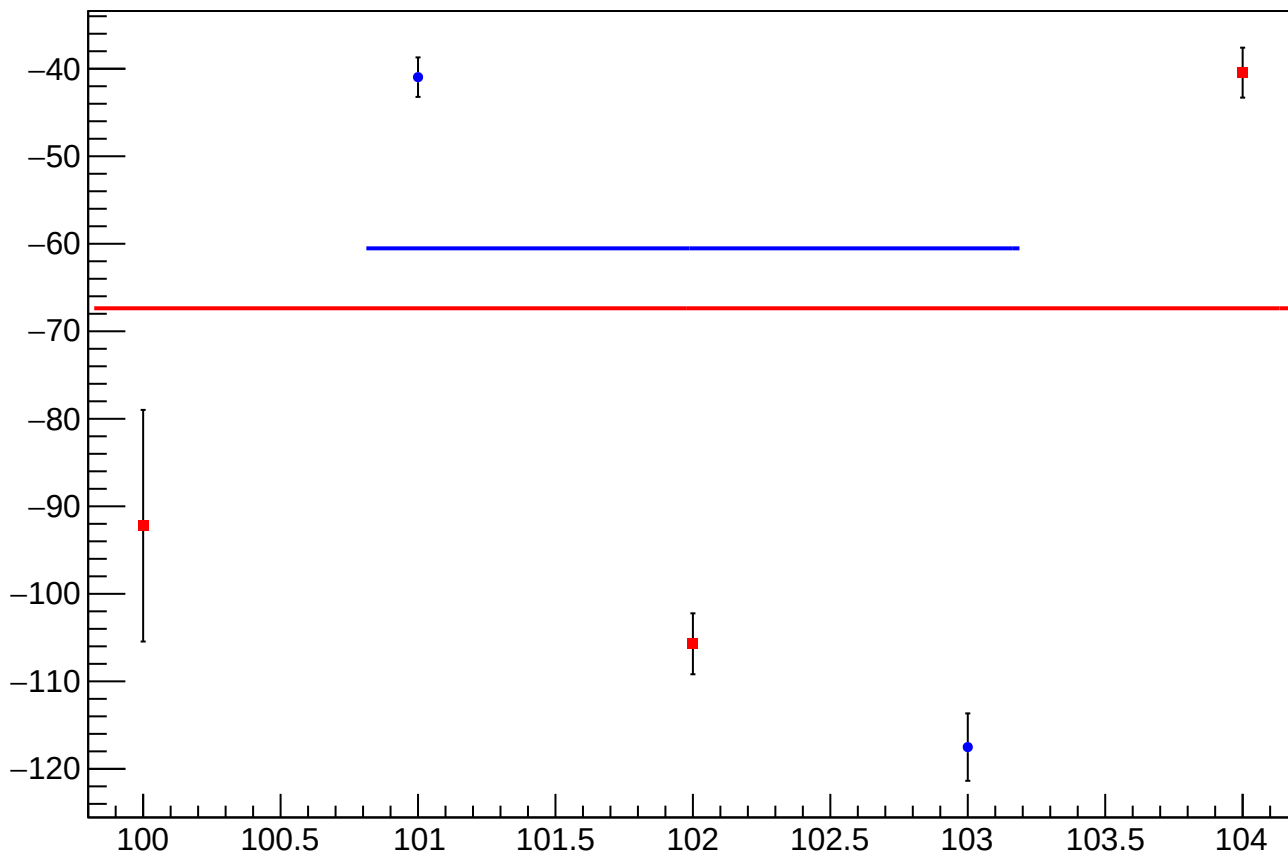
Right: -19.117 $\pm$ 1.636 χ^2 /NDF: 19.1/4

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: -19.117 $\pm$ 1.636 χ^2 /NDF: 19.1/4

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -60.522+/-1.947 χ^2/NDF : 294.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.371+/-2.177 χ^2/NDF : 213.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

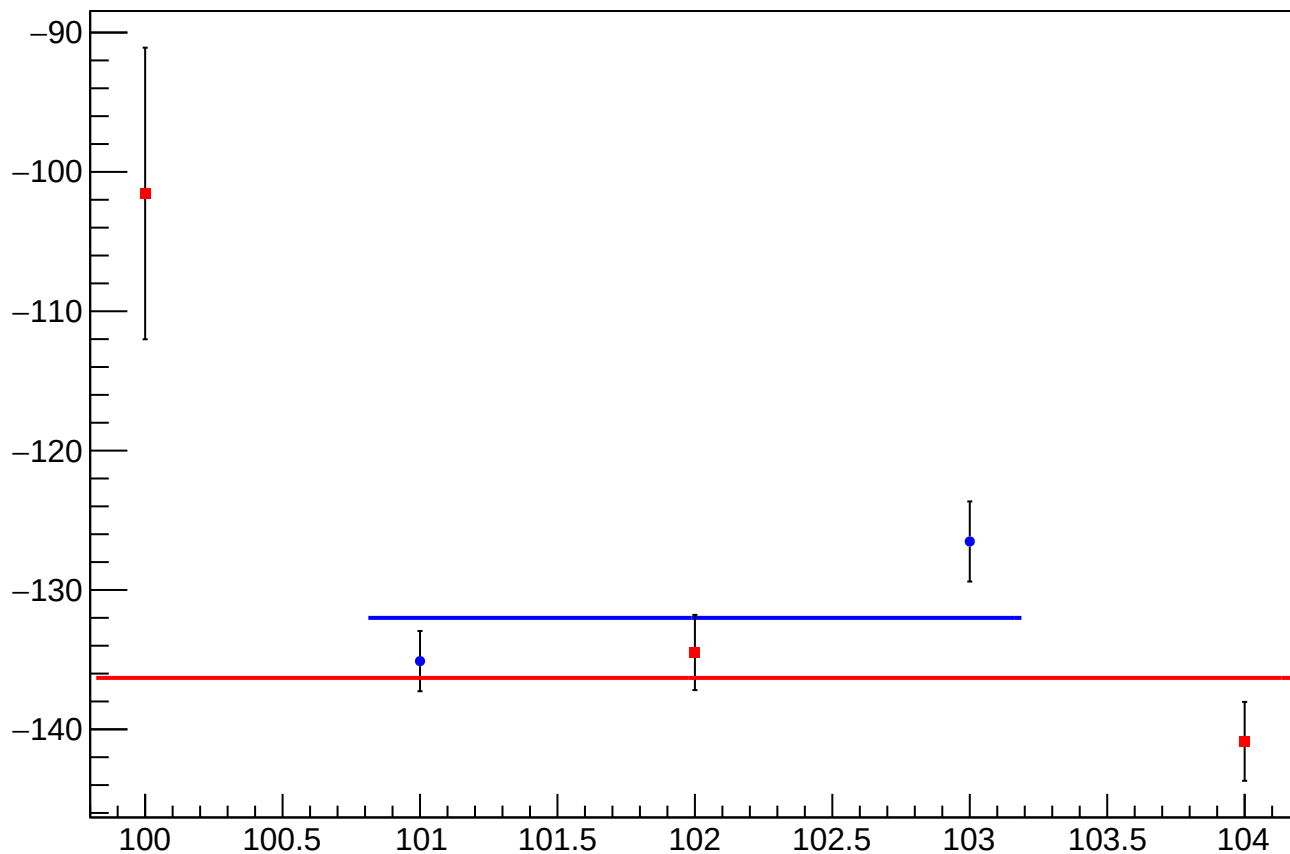
Right: -63.566+/-1.451 χ^2/NDF : 513.5/4

In: -60.522+/-1.947 χ^2/NDF : 294.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.566+/-1.451 χ^2/NDF : 513.5/4

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: -136.310 $\pm$ 1.920 χ^2 /NDF: 14.1/2

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

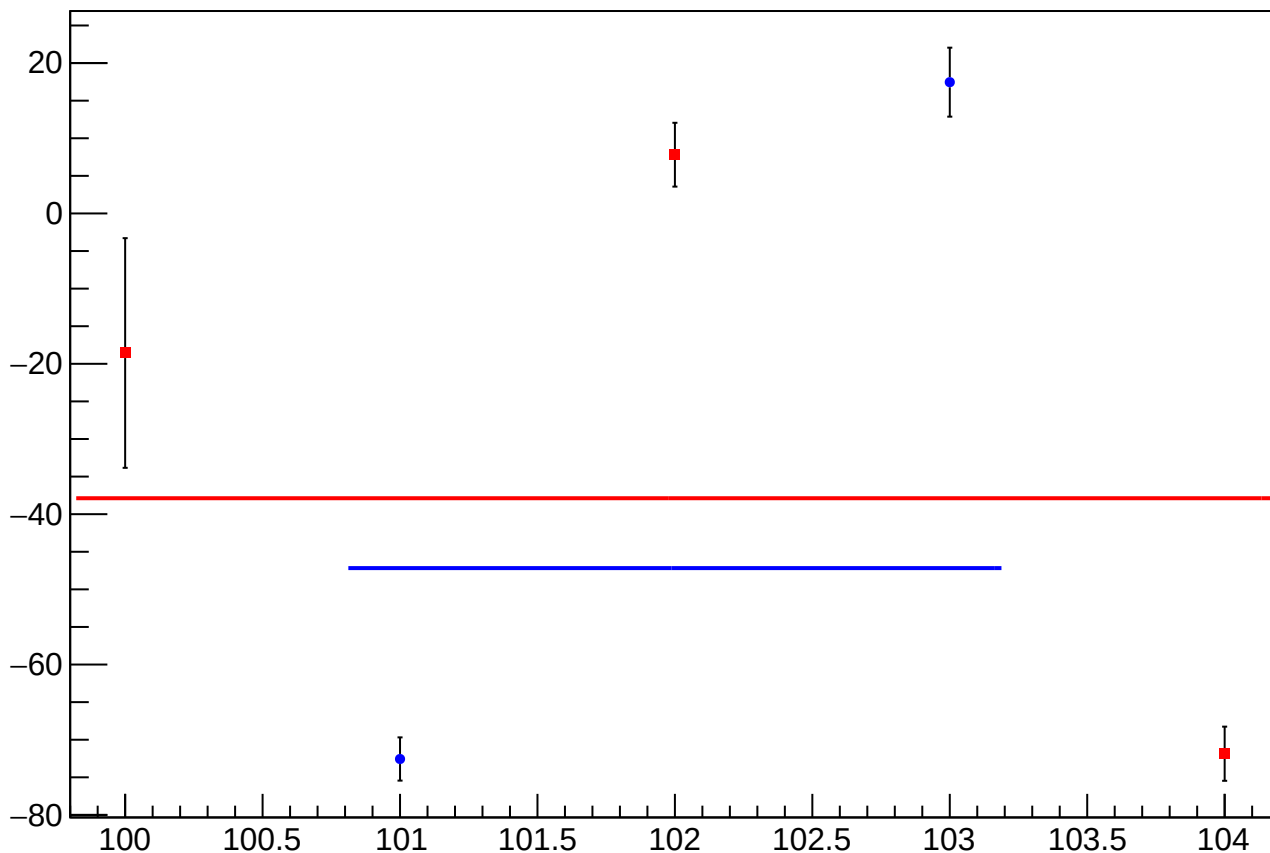
Right: -133.929 $\pm$ 1.284 χ^2 /NDF: 22.6/4

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: -133.929 $\pm$ 1.284 χ^2 /NDF: 22.6/4

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: -37.879 $\pm$ 2.703 χ^2 /NDF: 206.5/2

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

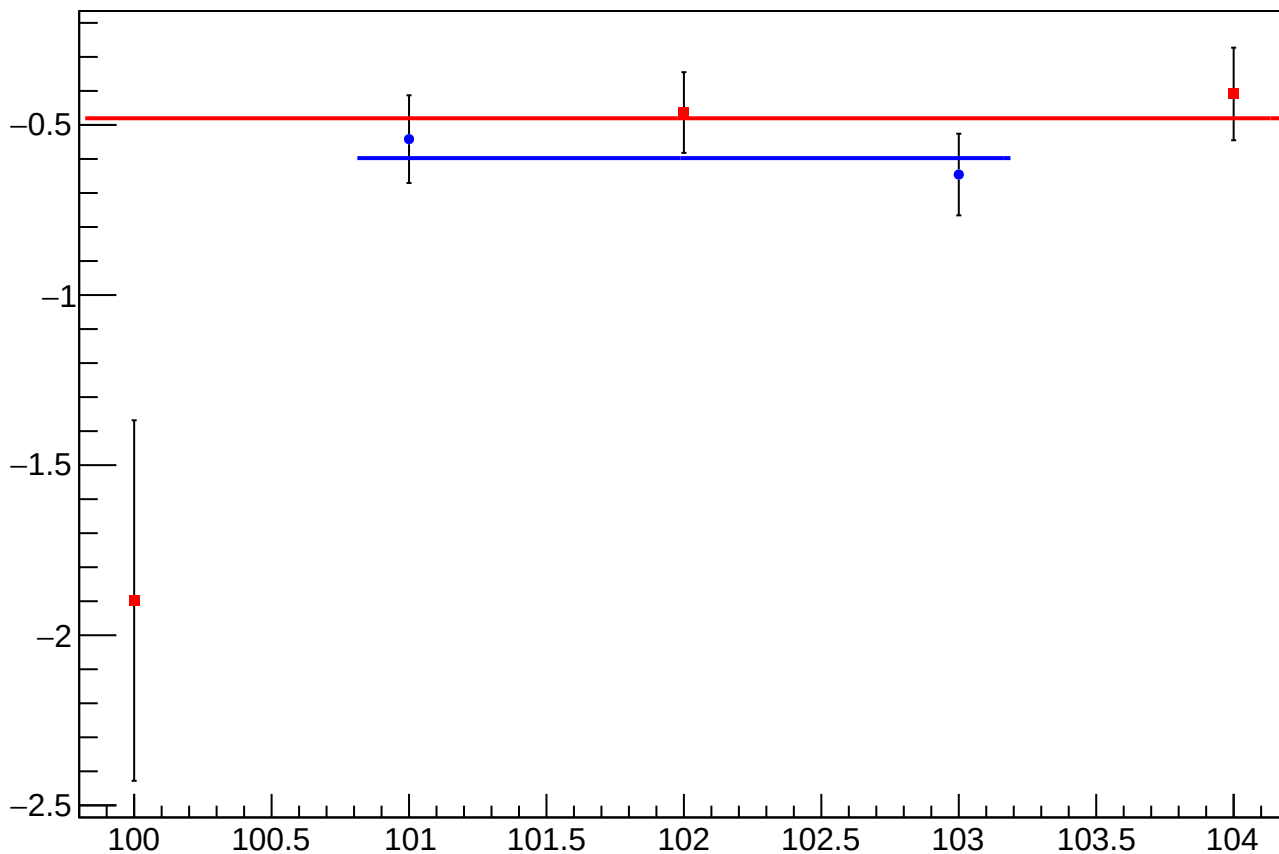
Right: -43.006 $\pm$ 1.810 χ^2 /NDF: 489.5/4

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: -43.006 $\pm$ 1.810 χ^2 /NDF: 489.5/4

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: -0.480 ± 0.088 $\chi^2/\text{NDF}: 7.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

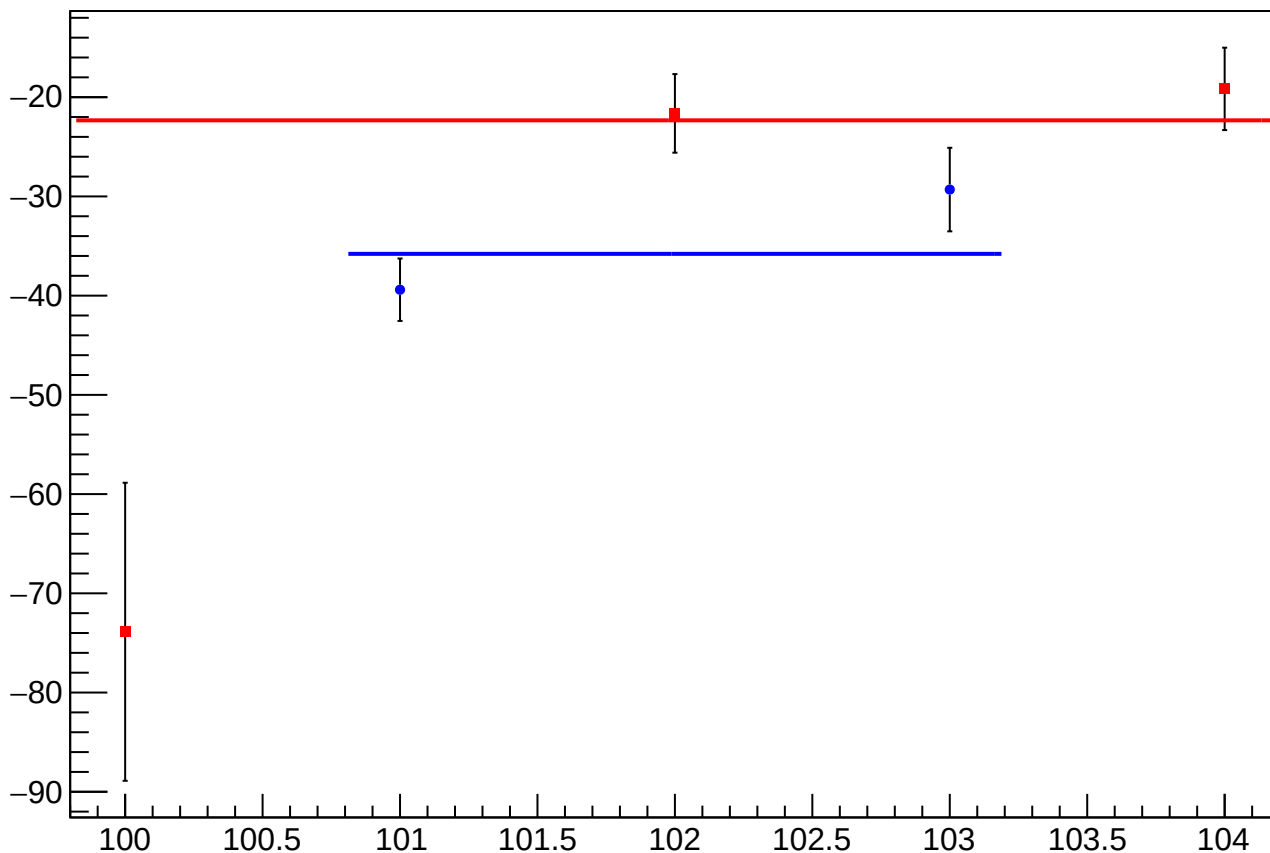
Right: -0.539 ± 0.062 $\chi^2/\text{NDF}: 8.7/4$

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: -0.539 ± 0.062 $\chi^2/\text{NDF}: 8.7/4$

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: -22.332 $\pm$ 2.815 χ^2 /NDF: 12.4/2

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

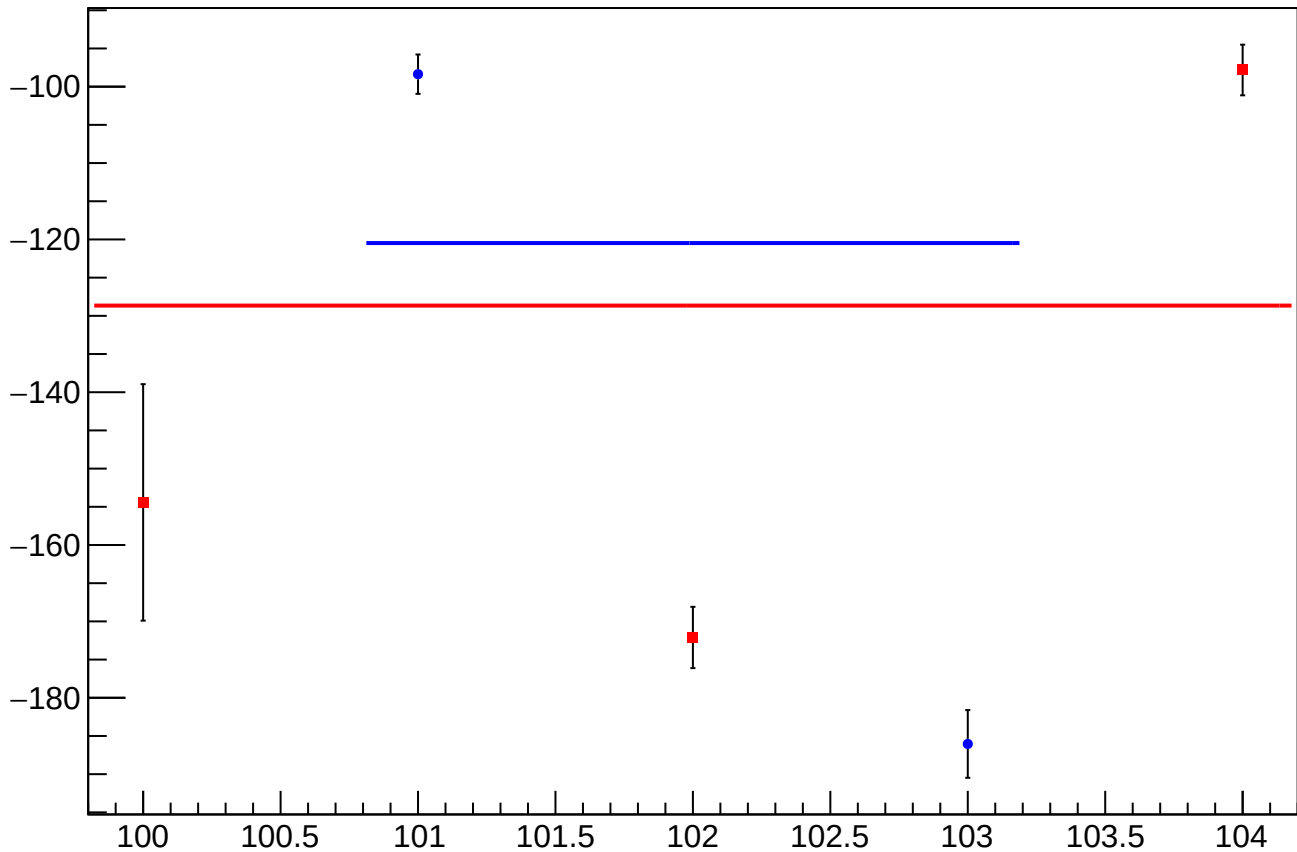
Right: -29.802 $\pm$ 1.877 χ^2 /NDF: 28.8/4

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: -29.802 $\pm$ 1.877 χ^2 /NDF: 28.8/4

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -120.472 ± 2.226 $\chi^2/\text{NDF}: 292.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -128.659 ± 2.521 $\chi^2/\text{NDF}: 206.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

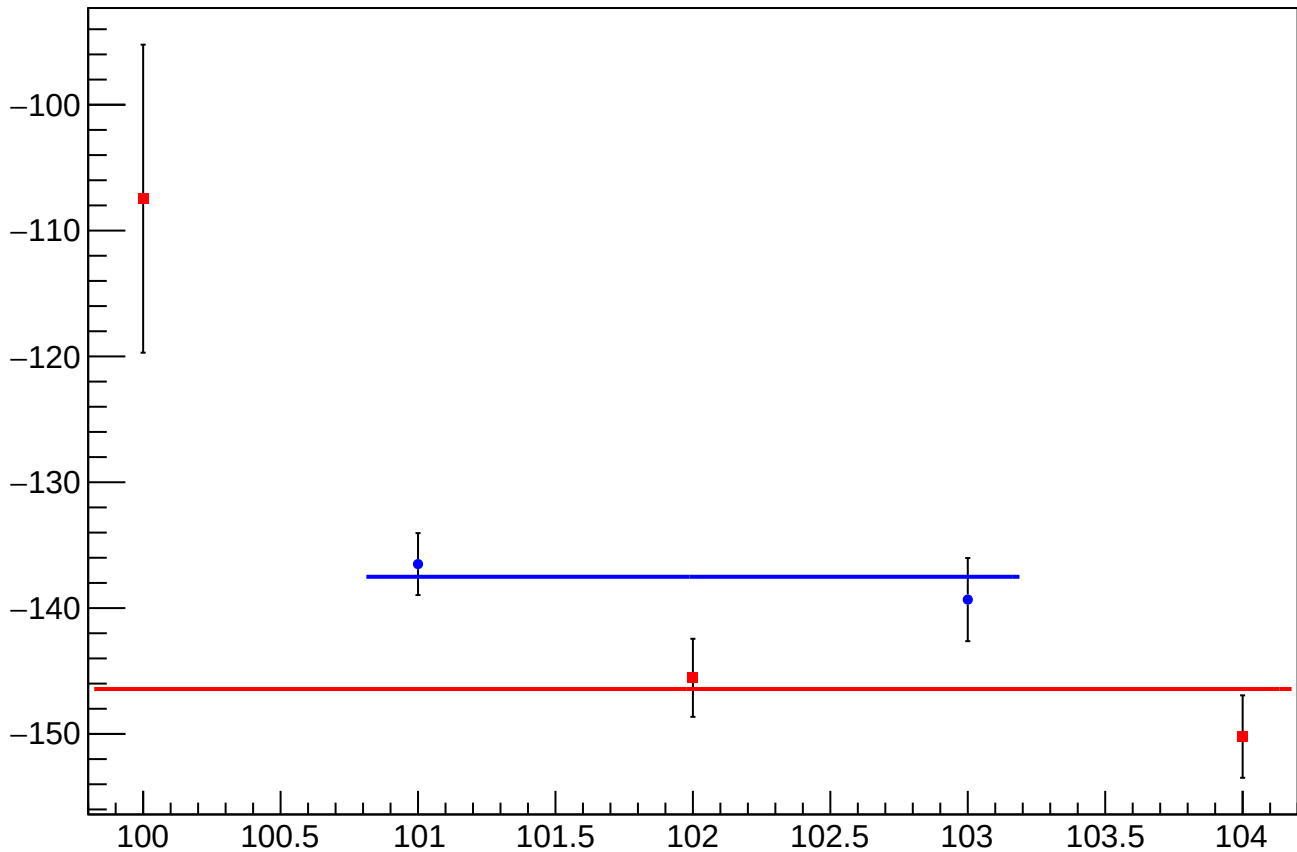
Right: -124.058 ± 1.669 $\chi^2/\text{NDF}: 505.2/4$

In: -120.472 ± 2.226 $\chi^2/\text{NDF}: 292.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -124.058 ± 1.669 $\chi^2/\text{NDF}: 505.2/4$

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: -146.428 $\pm$ 2.215 χ^2 /NDF: 11.5/2

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

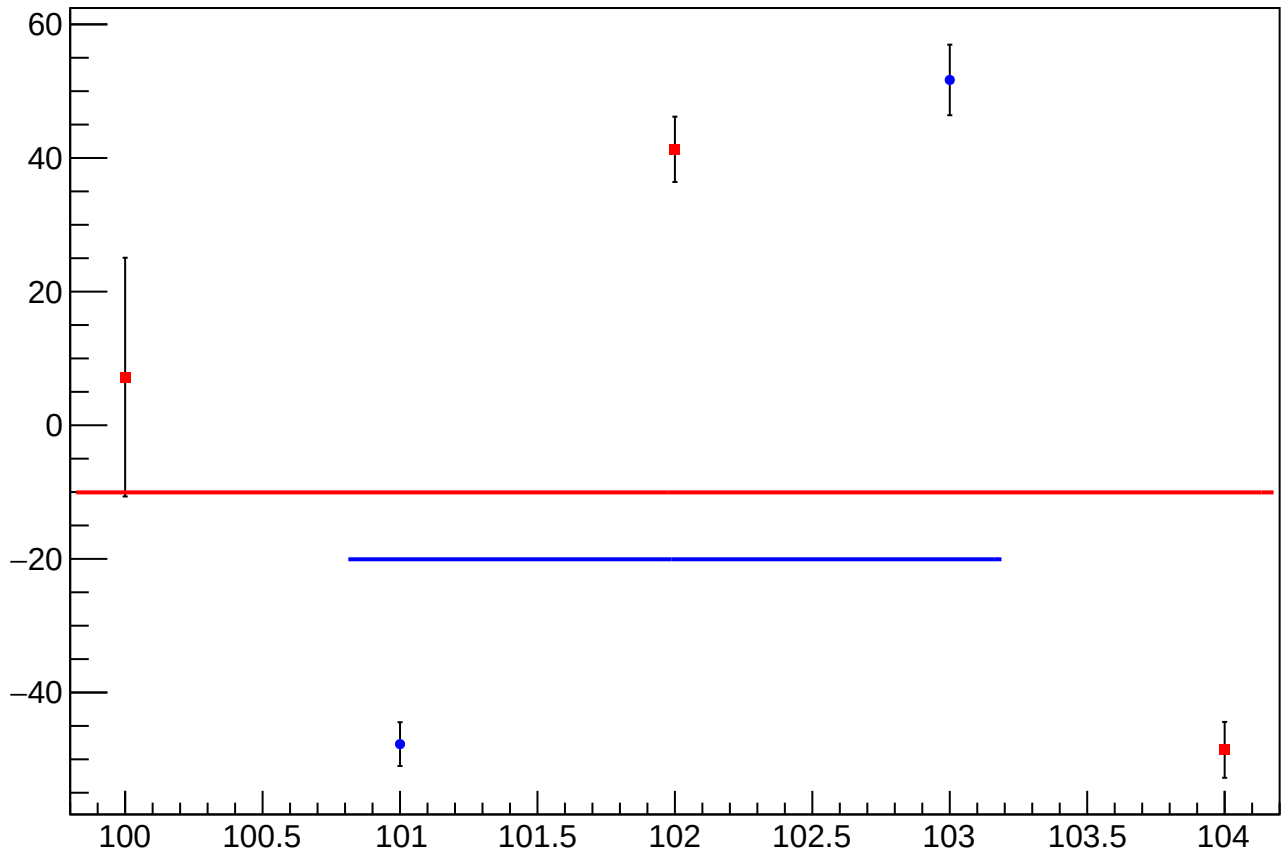
Right: -141.459 $\pm$ 1.474 χ^2 /NDF: 21.0/4

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: -141.459 $\pm$ 1.474 χ^2 /NDF: 21.0/4

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.061+/-2.785 χ^2/NDF : 255.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.052+/-3.128 χ^2/NDF : 196.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

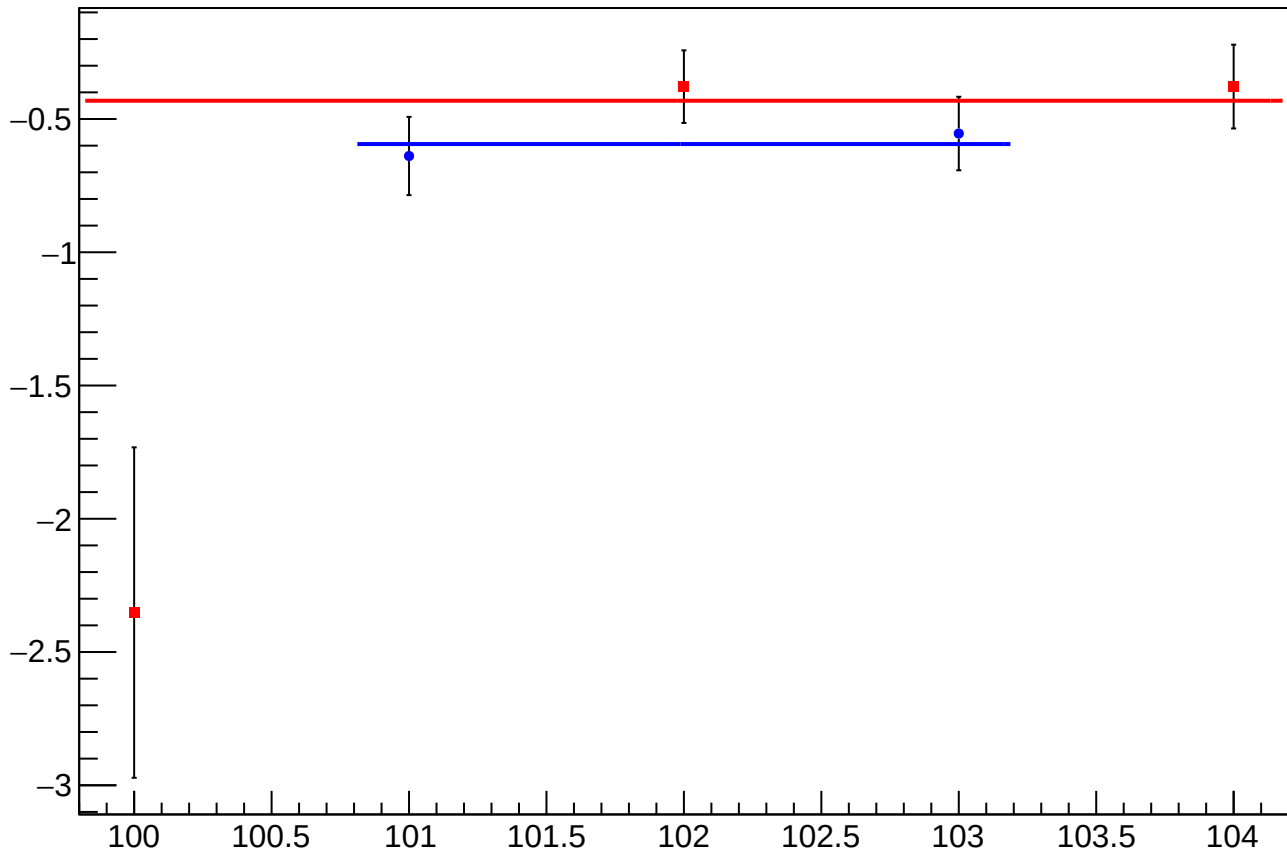
Right: -15.635+/-2.080 χ^2/NDF : 457.8/4

In: -20.061+/-2.785 χ^2/NDF : 255.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.635+/-2.080 χ^2/NDF : 457.8/4

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.594 $\pm$ 0.101 χ^2 /NDF: 0.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.431 $\pm$ 0.102 χ^2 /NDF: 9.9/2

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

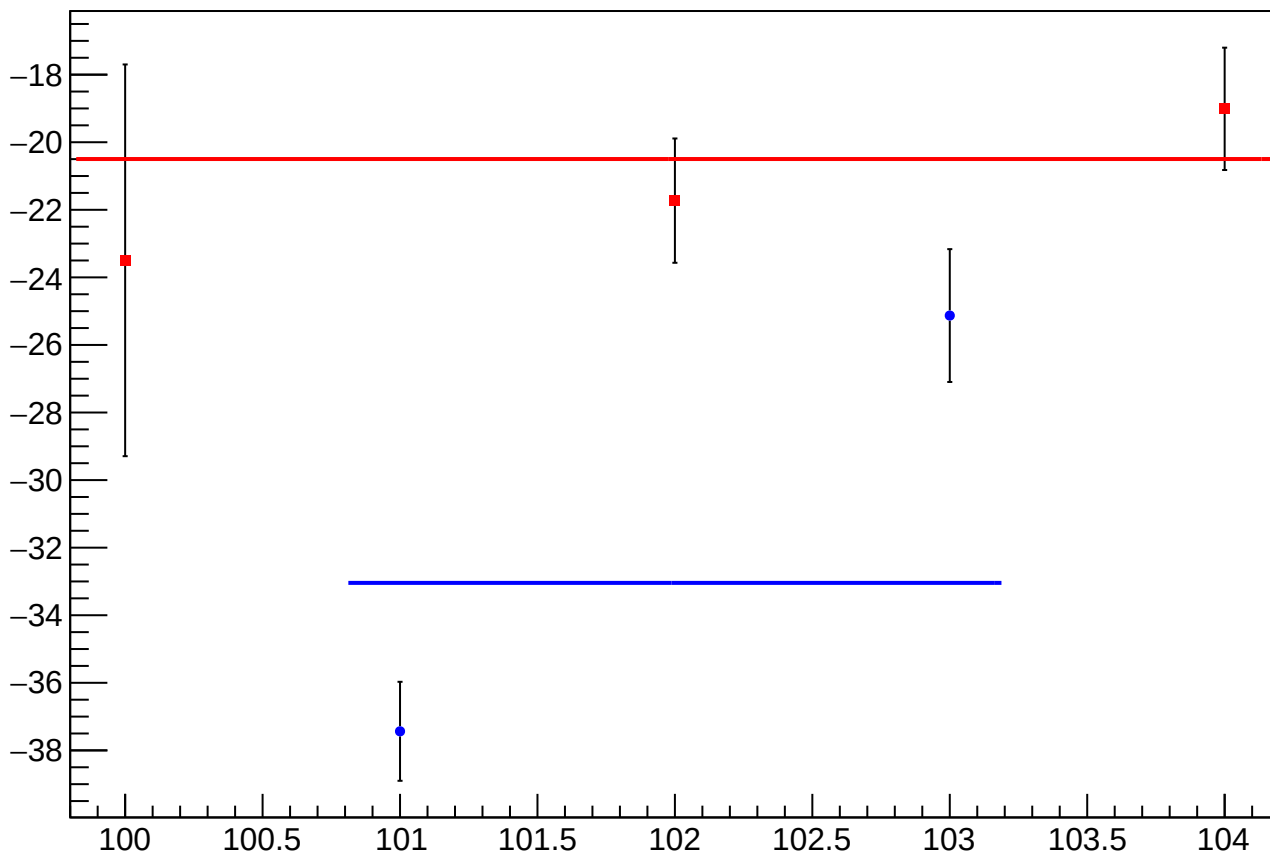
Right: -0.514 $\pm$ 0.071 χ^2 /NDF: 11.3/4

In: -0.594 $\pm$ 0.101 χ^2 /NDF: 0.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.514 $\pm$ 0.071 χ^2 /NDF: 11.3/4

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: -20.497 $\pm$ 1.260 χ^2 /NDF: 1.4/2

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

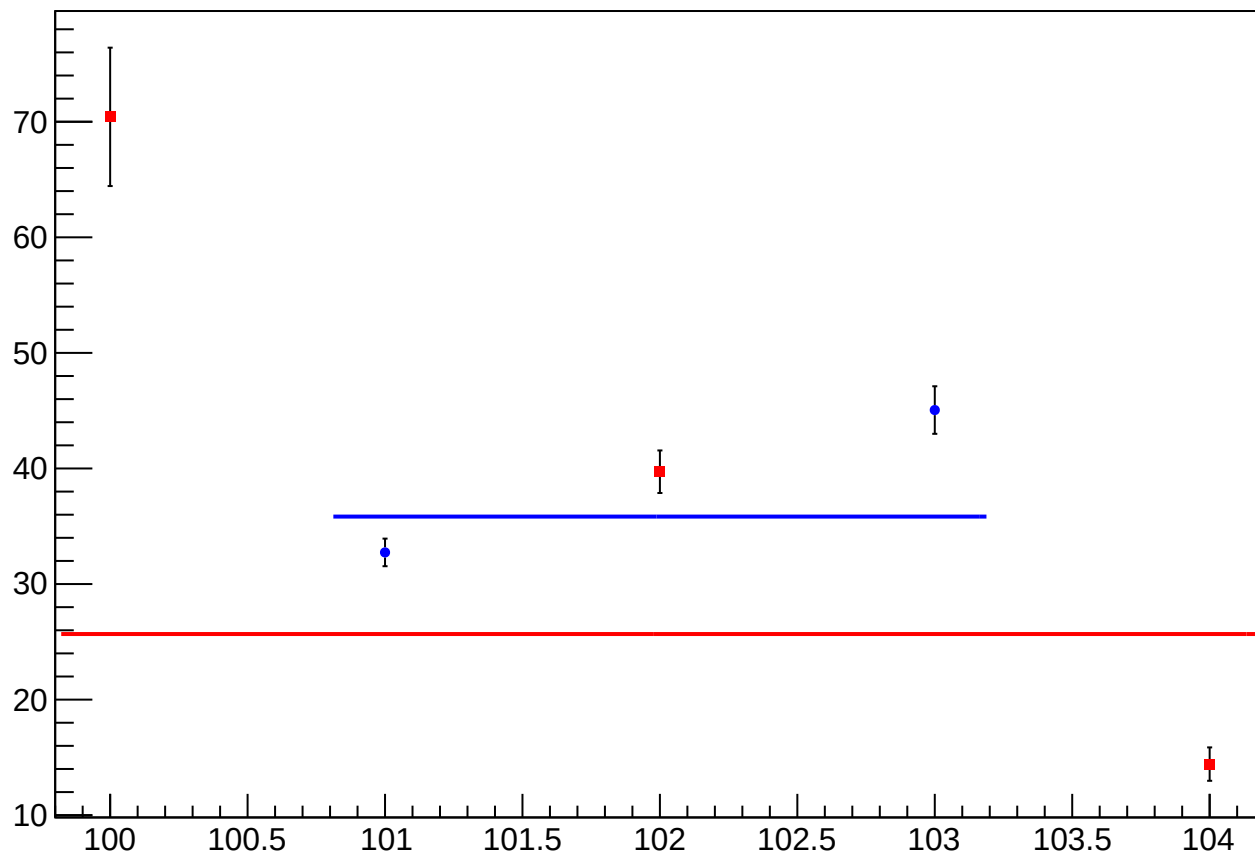
Right: -27.207 $\pm$ 0.859 χ^2 /NDF: 79.6/4

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: -27.207 $\pm$ 0.859 χ^2 /NDF: 79.6/4

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: 25.675+/-1.117 χ^2/NDF : 174.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

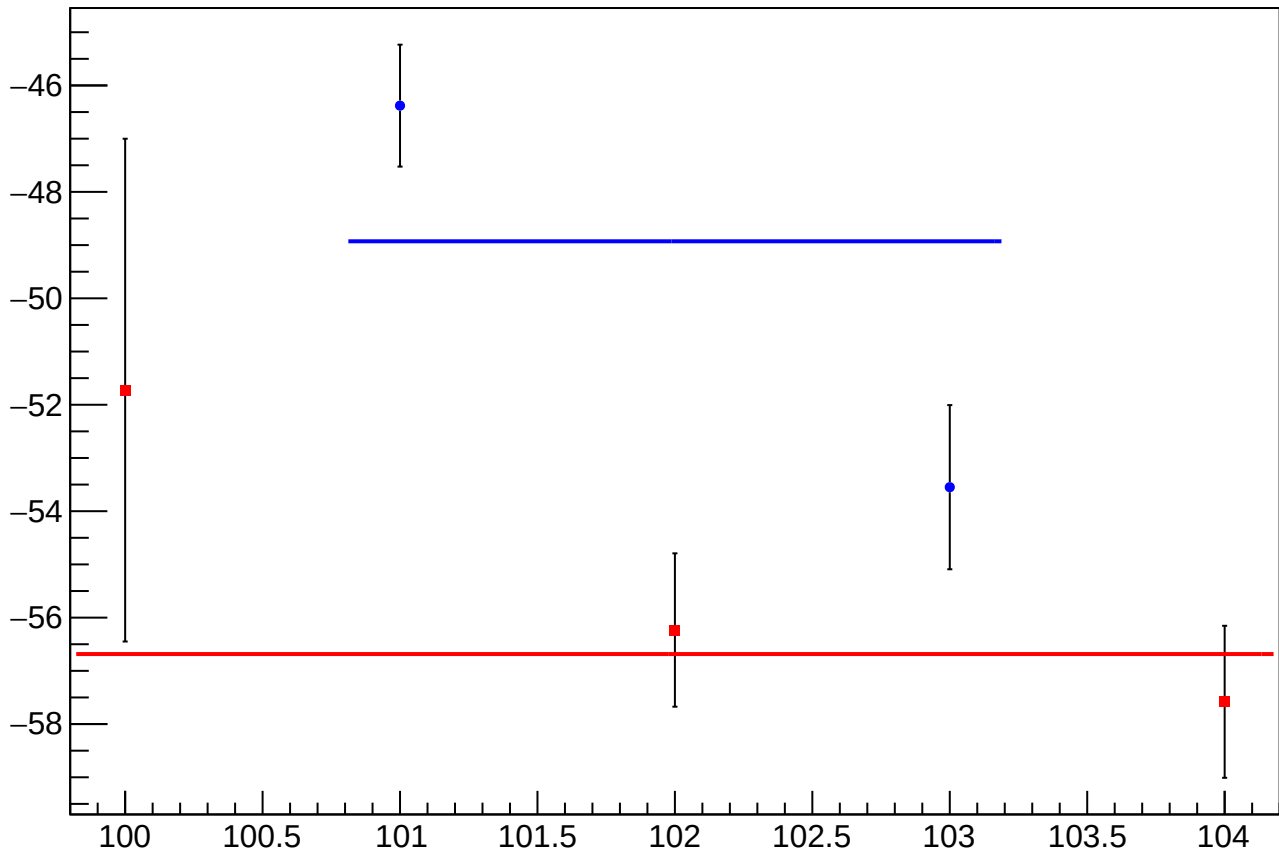
Right: 31.155+/-0.758 χ^2/NDF : 246.2/4

In: 35.838+/-1.032 χ^2/NDF : 26.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.155+/-0.758 χ^2/NDF : 246.2/4

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -48.928 $\pm$ 0.920 χ^2 /NDF: 13.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.684 $\pm$ 0.992 χ^2 /NDF: 1.6/2

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

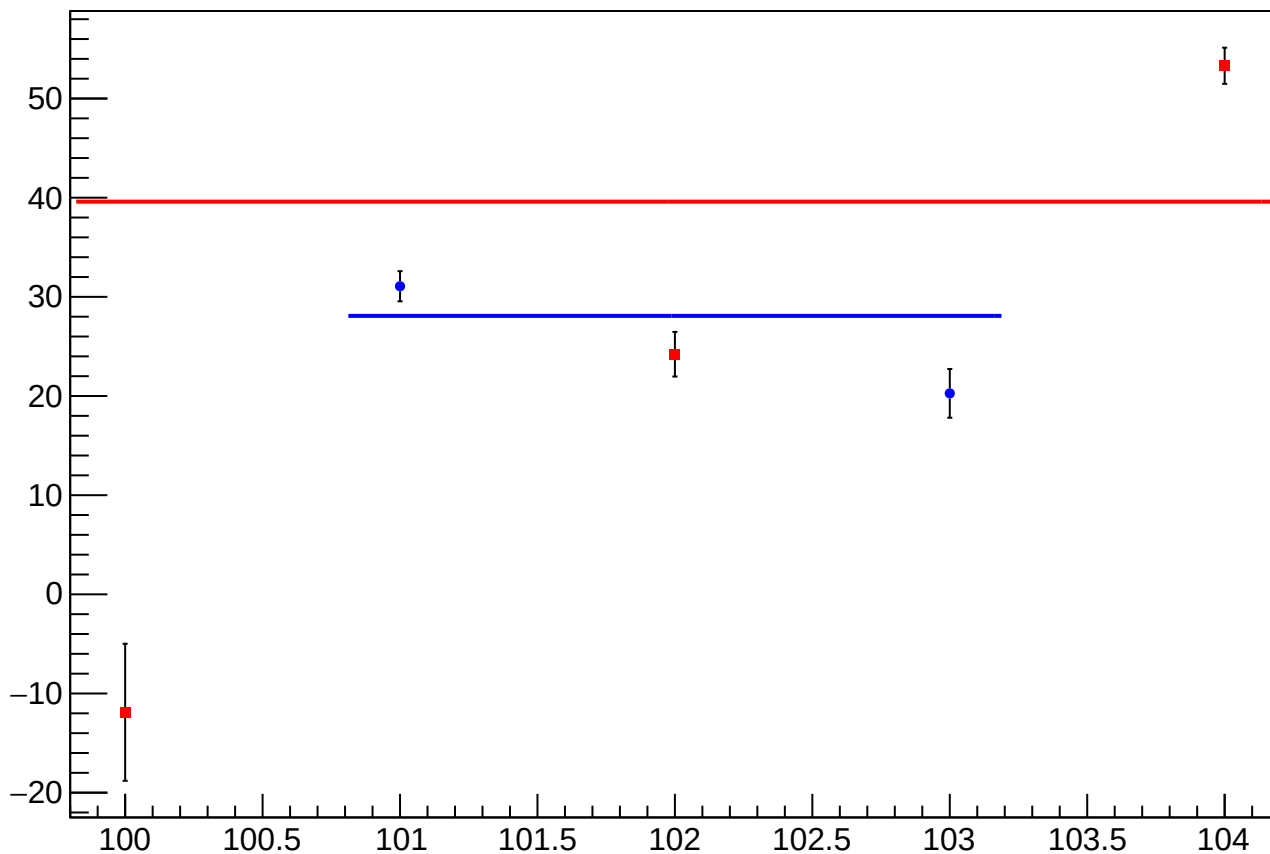
Right: -52.515 $\pm$ 0.674 χ^2 /NDF: 48.4/4

In: -48.928 $\pm$ 0.920 χ^2 /NDF: 13.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.515 $\pm$ 0.674 χ^2 /NDF: 48.4/4

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.082+/-1.293 χ^2/NDF : 14.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.601+/-1.388 χ^2/NDF : 158.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

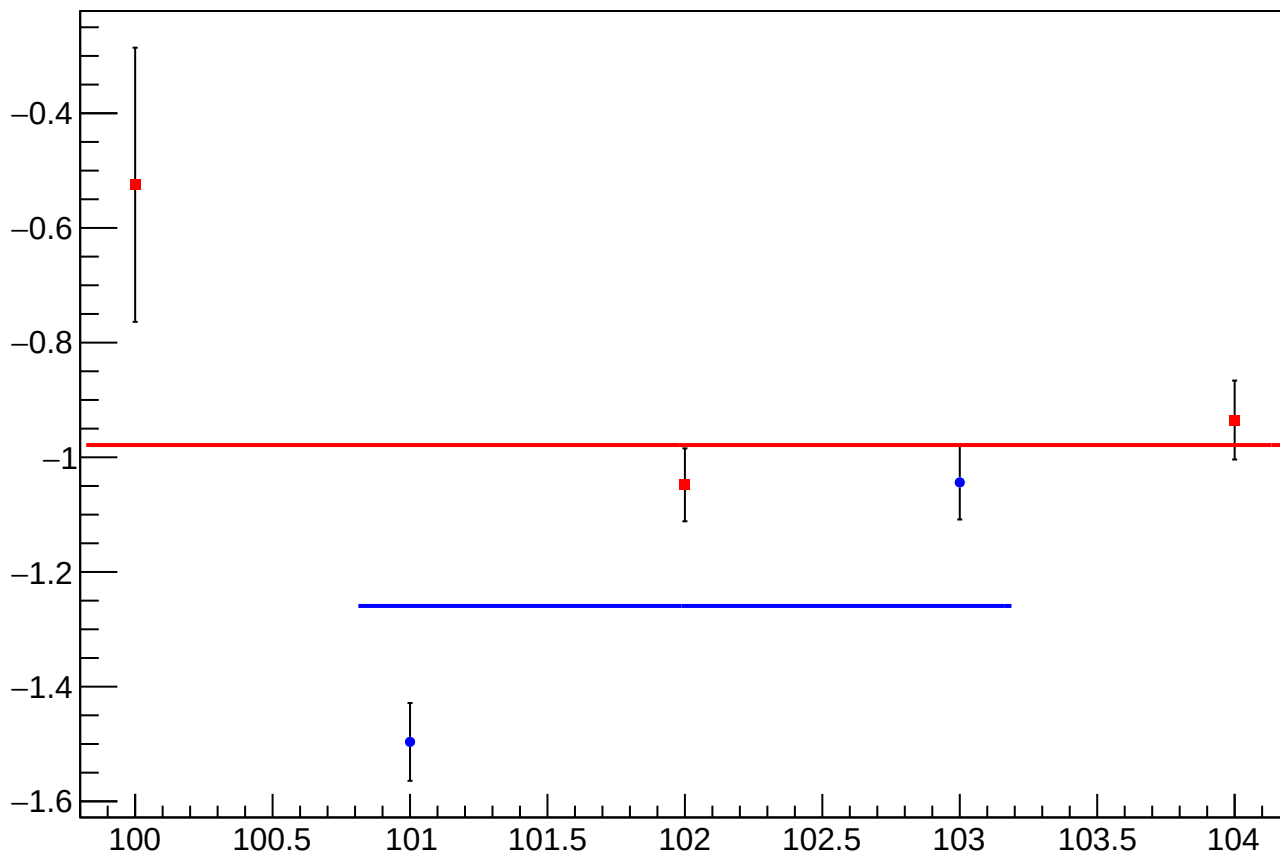
Right: 33.434+/-0.946 χ^2/NDF : 209.5/4

In: 28.082+/-1.293 χ^2/NDF : 14.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.434+/-0.946 χ^2/NDF : 209.5/4

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.259+/-0.047 χ^2/NDF : 23.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.979+/-0.046 χ^2/NDF : 5.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

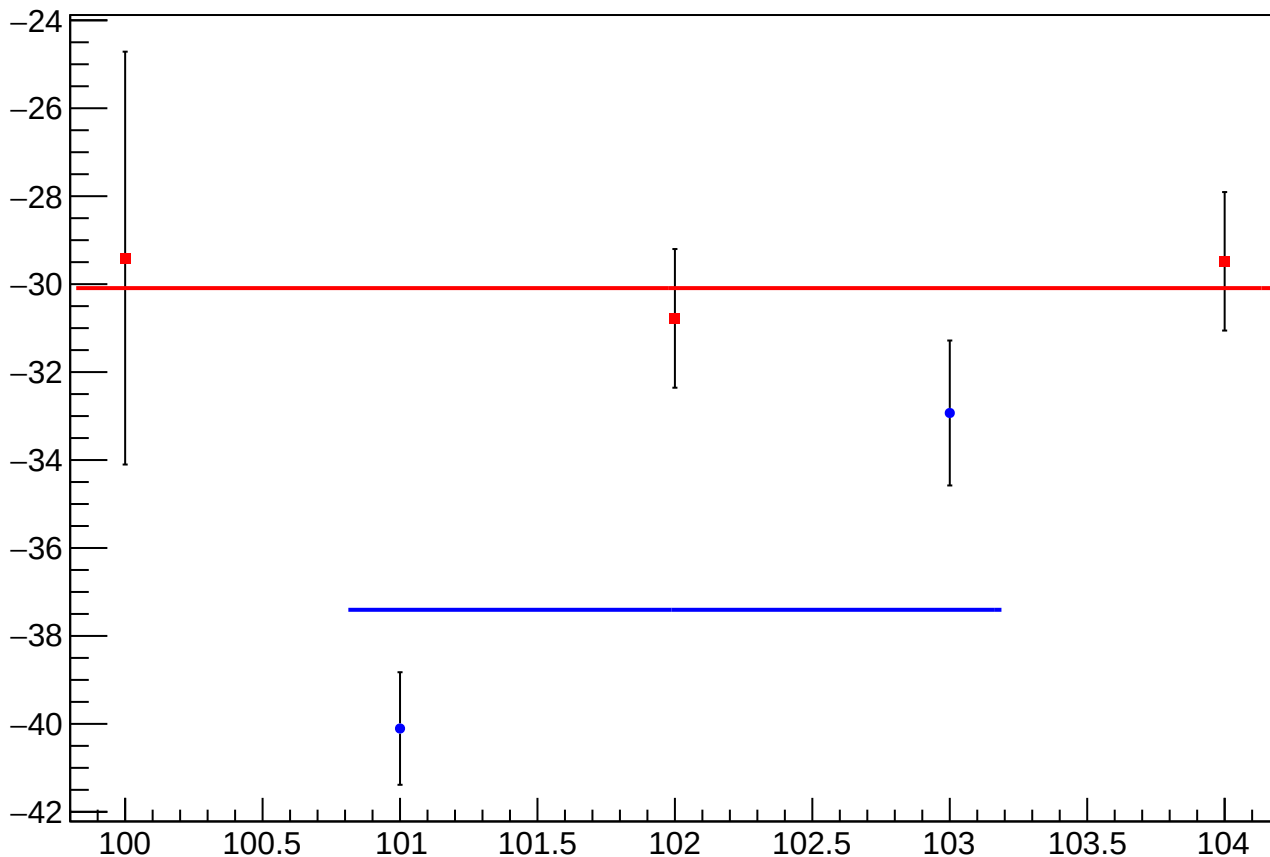
Right: -1.116+/-0.033 χ^2/NDF : 46.8/4

In: -1.259+/-0.047 χ^2/NDF : 23.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.116+/-0.033 χ^2/NDF : 46.8/4

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -37.406 $\pm$ 1.011 χ^2 /NDF: 11.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.090 $\pm$ 1.084 χ^2 /NDF: 0.4/2

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

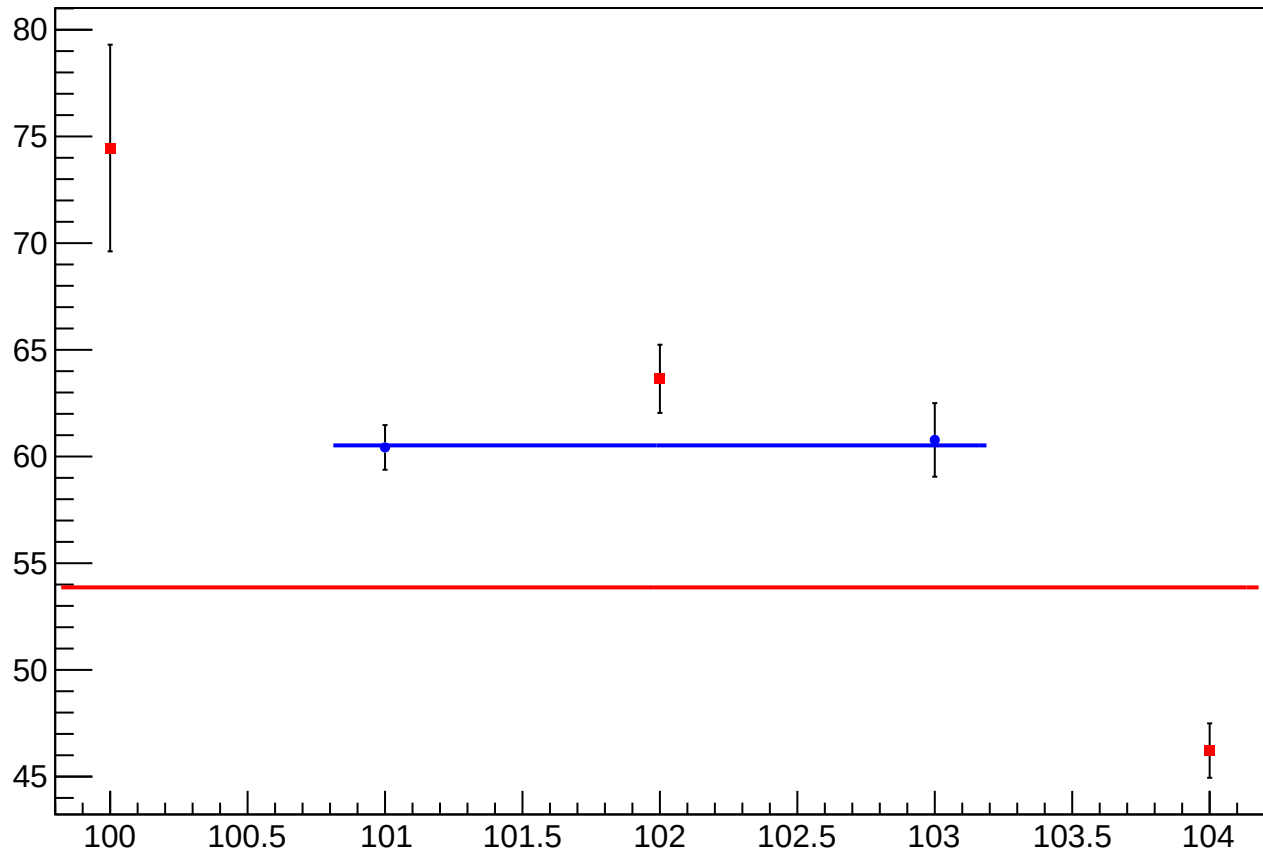
Right: -34.003 $\pm$ 0.739 χ^2 /NDF: 36.5/4

In: -37.406 $\pm$ 1.011 χ^2 /NDF: 11.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.003 $\pm$ 0.739 χ^2 /NDF: 36.5/4

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: 53.867+/-0.976 χ^2/NDF : 91.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

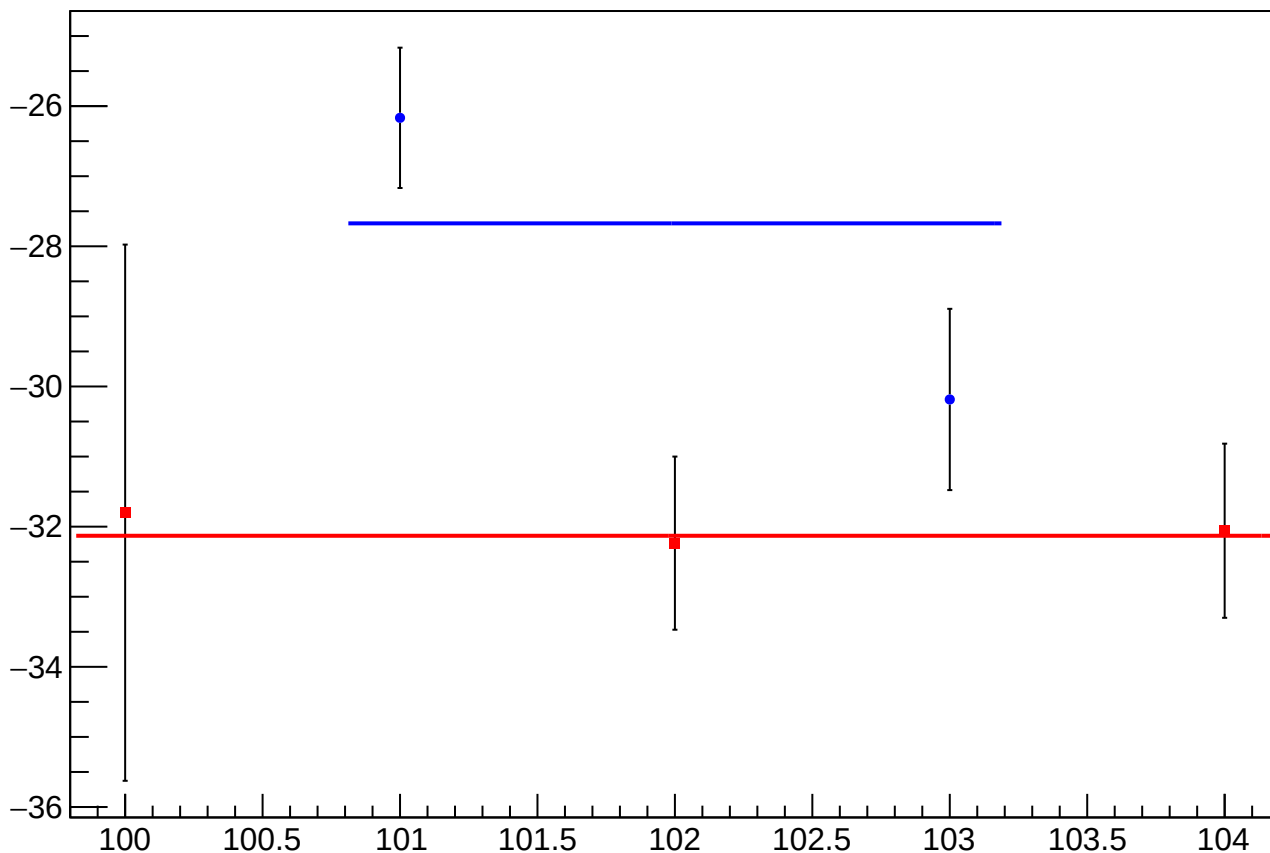
Right: 57.484+/-0.660 χ^2/NDF : 116.7/4

In: 60.521+/-0.895 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.484+/-0.660 χ^2/NDF : 116.7/4

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: -32.130+/-0.854 χ^2/NDF : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

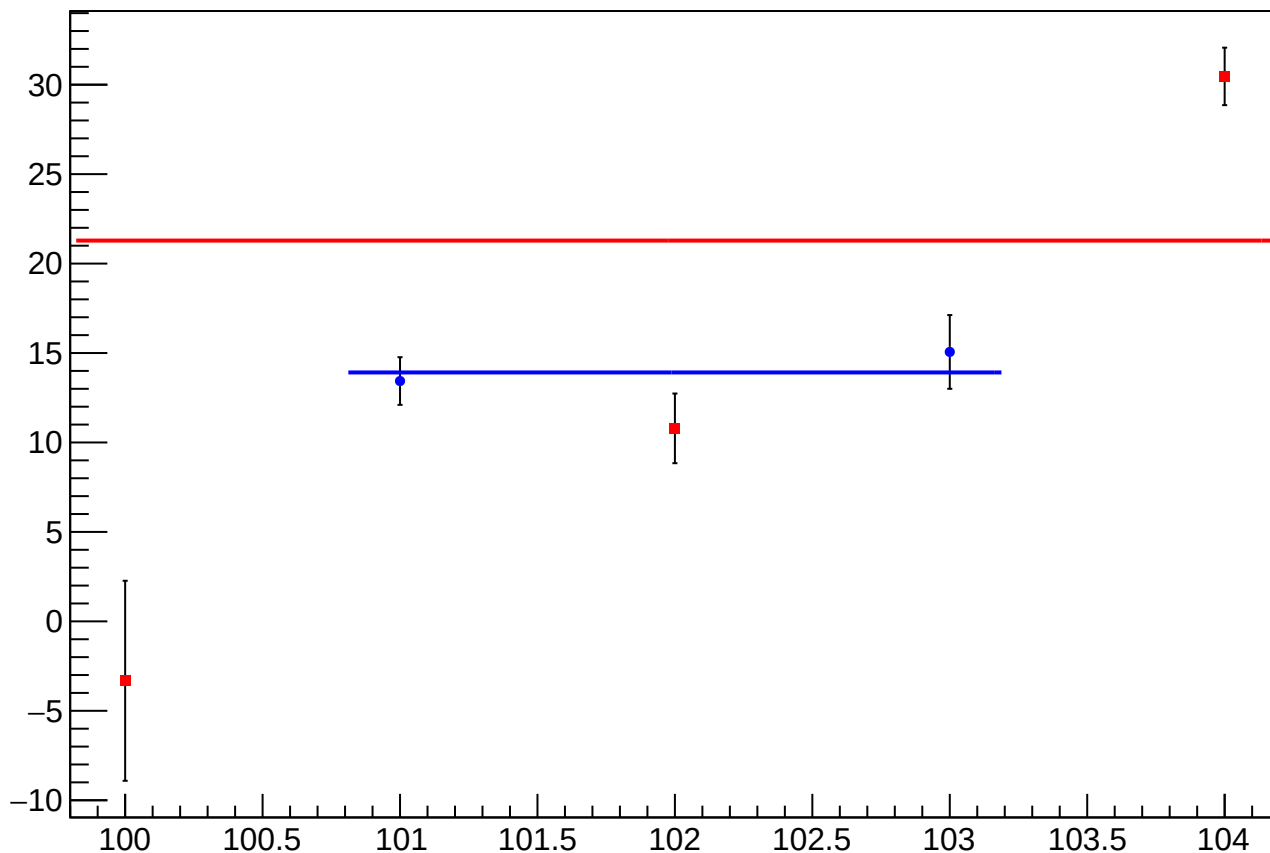
Right: -29.733+/-0.580 χ^2/NDF : 20.7/4

In: -27.673+/-0.792 χ^2/NDF : 6.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.733+/-0.580 χ^2/NDF : 20.7/4

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.914 $\pm$ 1.119 χ^2 /NDF: 0.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.286 $\pm$ 1.210 χ^2 /NDF: 81.1/2

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

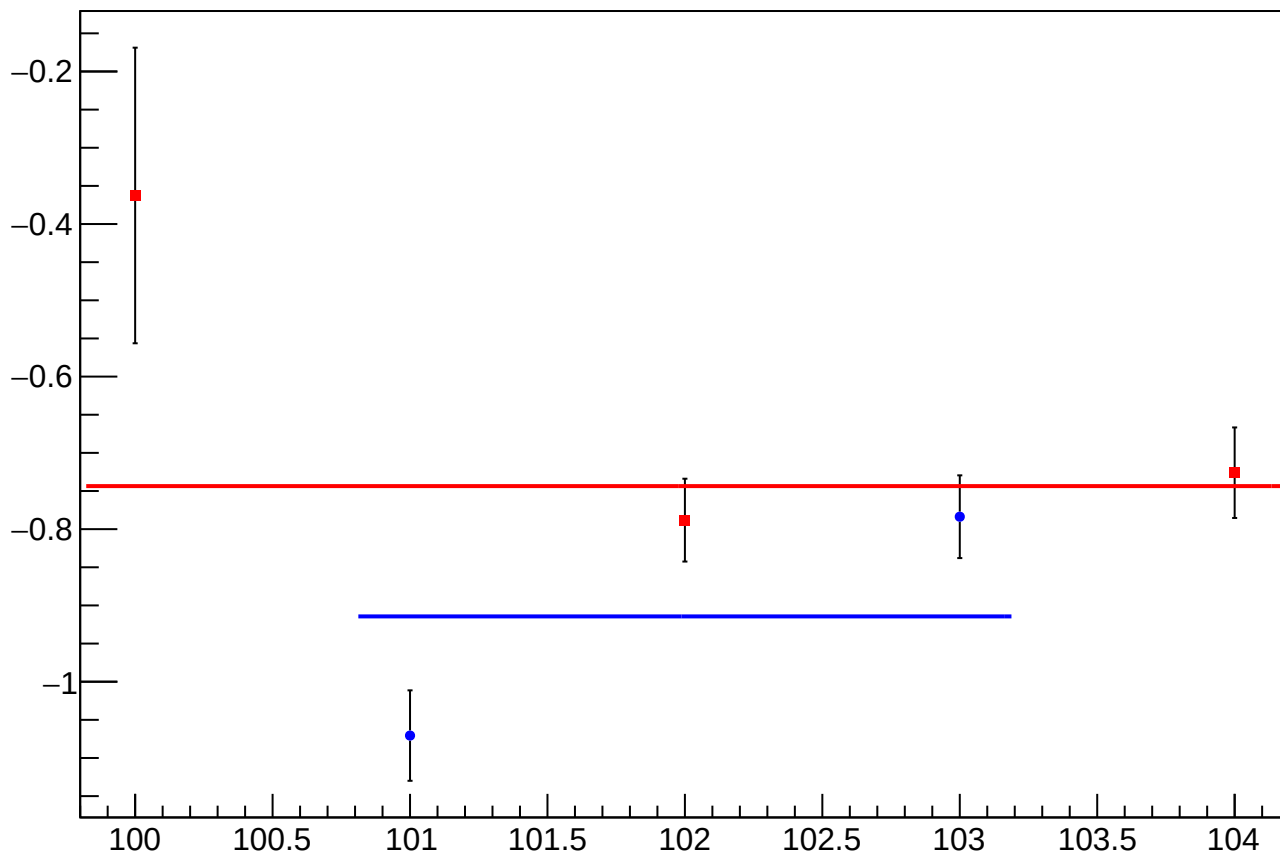
Right: 17.312 $\pm$ 0.821 χ^2 /NDF: 101.5/4

In: 13.914 $\pm$ 1.119 χ^2 /NDF: 0.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.312 $\pm$ 0.821 χ^2 /NDF: 101.5/4

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: -0.744 ± 0.039 χ^2/NDF : 4.6/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

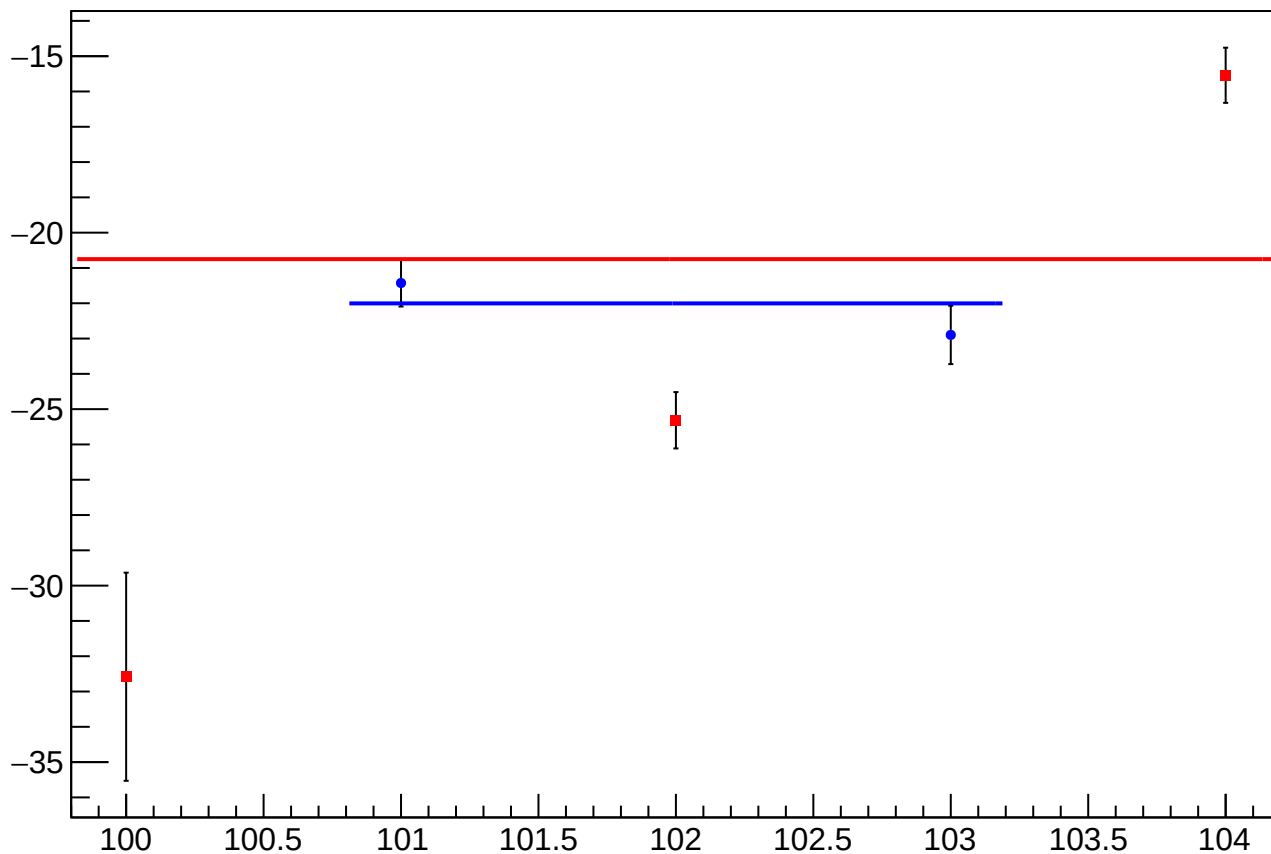
Right: -0.827 ± 0.028 χ^2/NDF : 26.7/4

In: -0.914 ± 0.040 χ^2/NDF : 12.8/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.827 ± 0.028 χ^2/NDF : 26.7/4

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.004 $\pm$ 0.518 χ^2 /NDF: 1.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.749 $\pm$ 0.549 χ^2 /NDF: 93.2/2

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

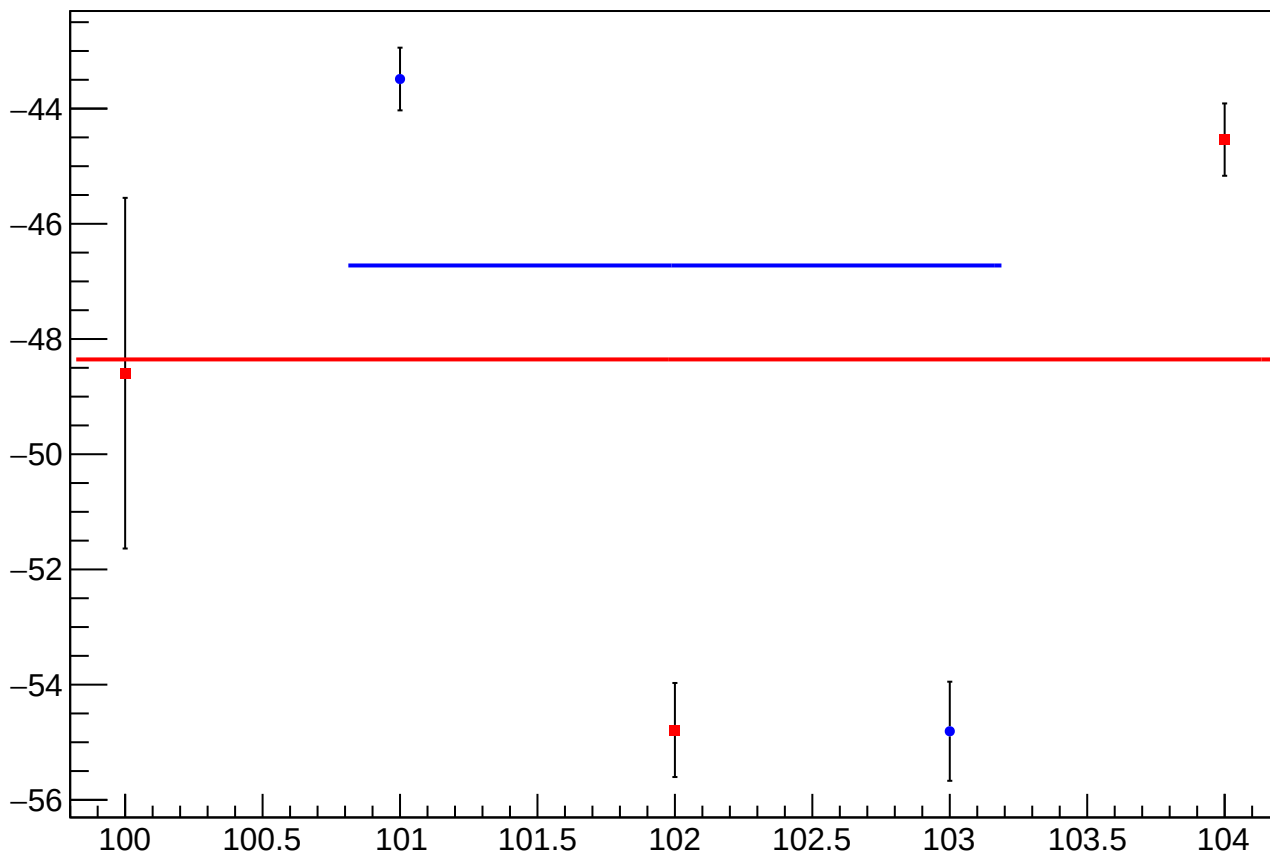
Right: -21.412 $\pm$ 0.377 χ^2 /NDF: 97.9/4

In: -22.004 $\pm$ 0.518 χ^2 /NDF: 1.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.412 $\pm$ 0.377 χ^2 /NDF: 97.9/4

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -46.723 ± 0.460 $\chi^2/\text{NDF}: 123.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -48.354 ± 0.491 $\chi^2/\text{NDF}: 99.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

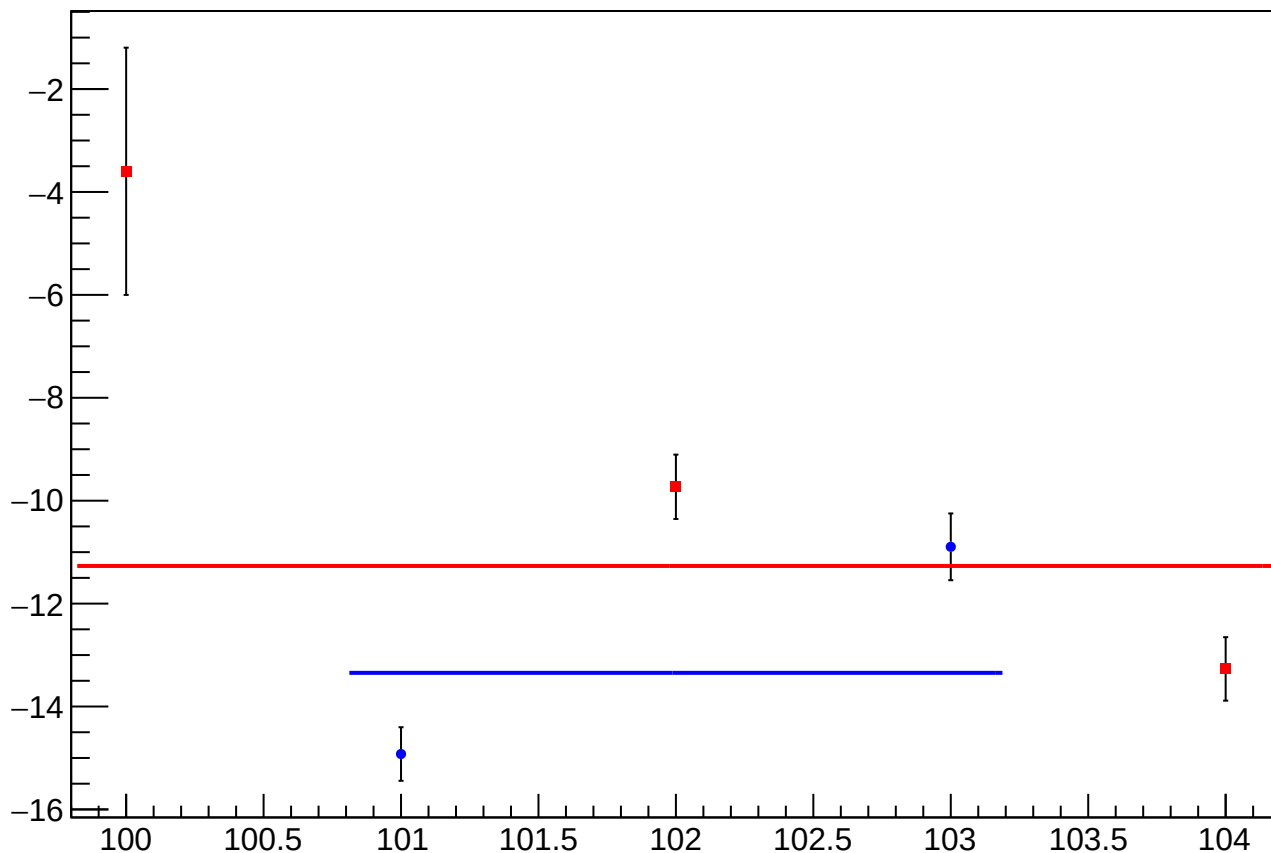
Right: -47.485 ± 0.336 $\chi^2/\text{NDF}: 228.7/4$

In: -46.723 ± 0.460 $\chi^2/\text{NDF}: 123.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -47.485 ± 0.336 $\chi^2/\text{NDF}: 228.7/4$

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: -11.268 $\pm$ 0.432 χ^2 /NDF: 26.8/2

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

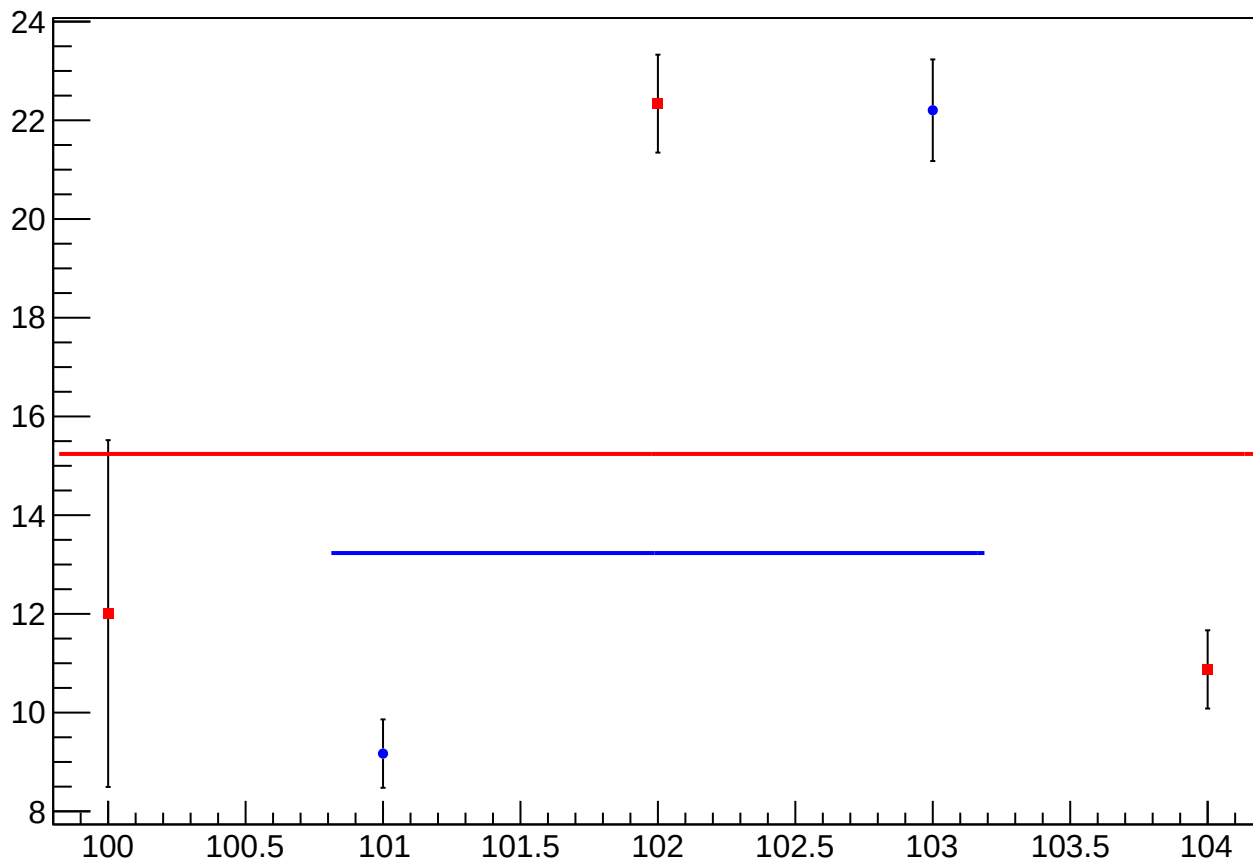
Right: -12.371 $\pm$ 0.296 χ^2 /NDF: 62.5/4

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: -12.371 $\pm$ 0.296 χ^2 /NDF: 62.5/4

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: 15.241+/-0.610 χ^2 /NDF: 82.4/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

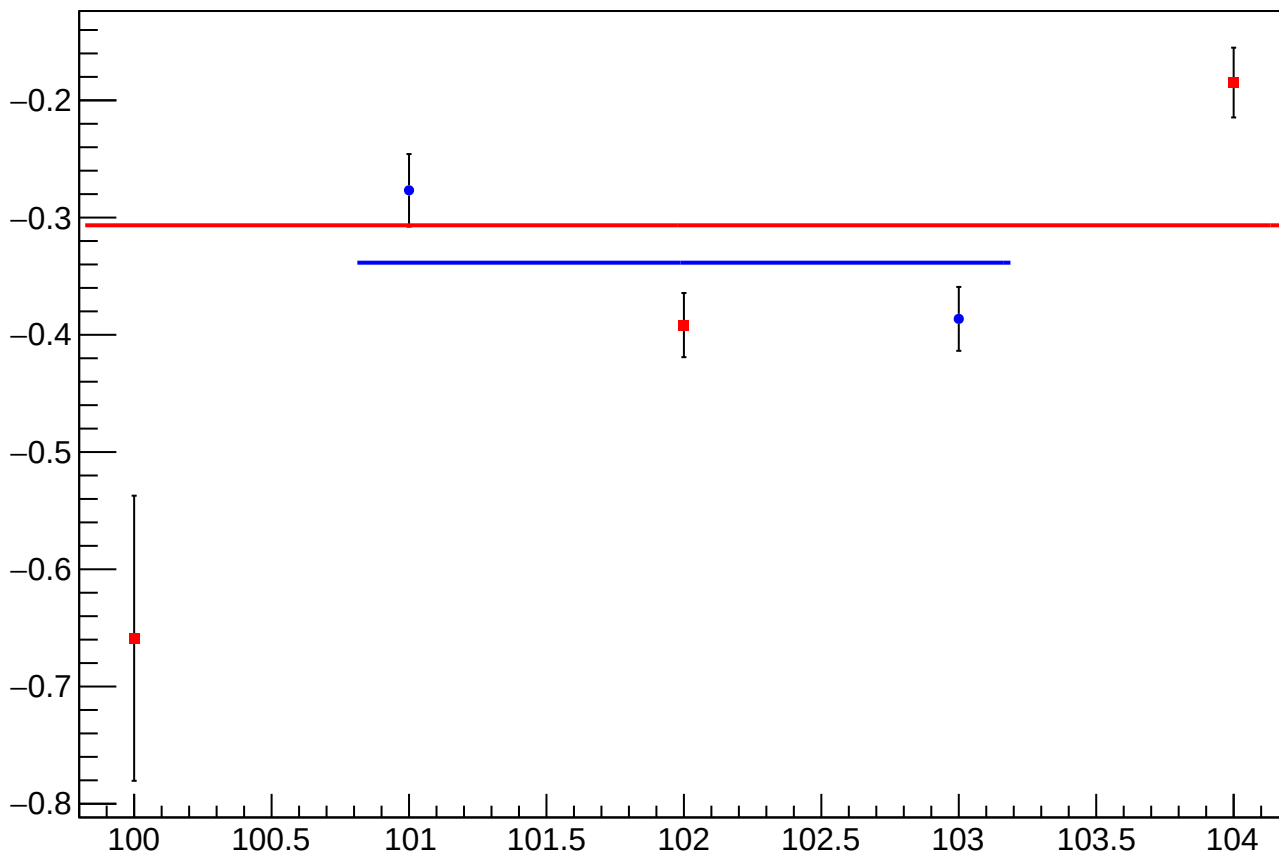
Right: 14.177+/-0.418 χ^2 /NDF: 198.4/4

In: 13.233+/-0.575 χ^2 /NDF: 110.3/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 14.177+/-0.418 χ^2 /NDF: 198.4/4

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: -0.307+/-0.020 χ^2/NDF : 34.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

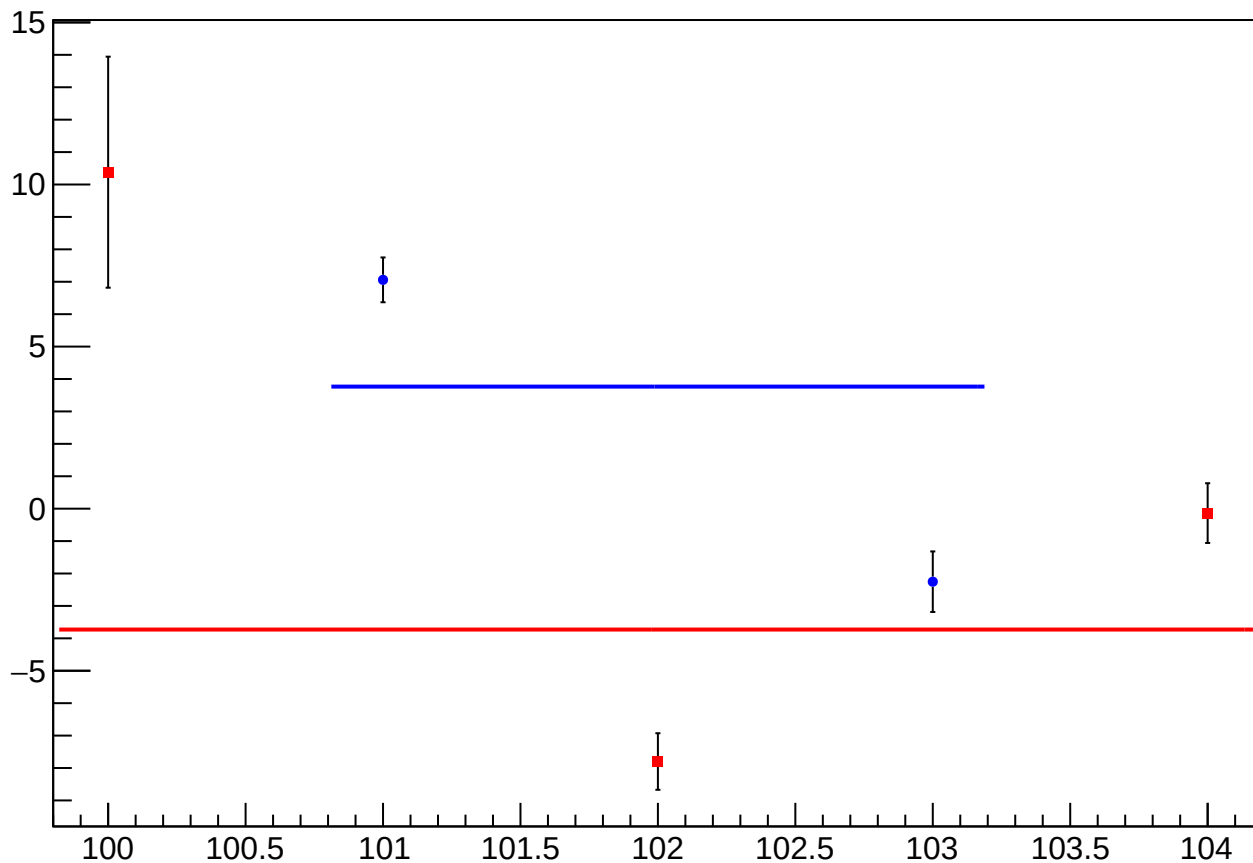
Right: -0.322+/-0.014 χ^2/NDF : 43.1/4

In: -0.338+/-0.020 χ^2/NDF : 7.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.322+/-0.014 χ^2/NDF : 43.1/4

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 3.766 $\pm$ 0.555 χ^2 /NDF: 64.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.729 $\pm$ 0.624 χ^2 /NDF: 52.6/2

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

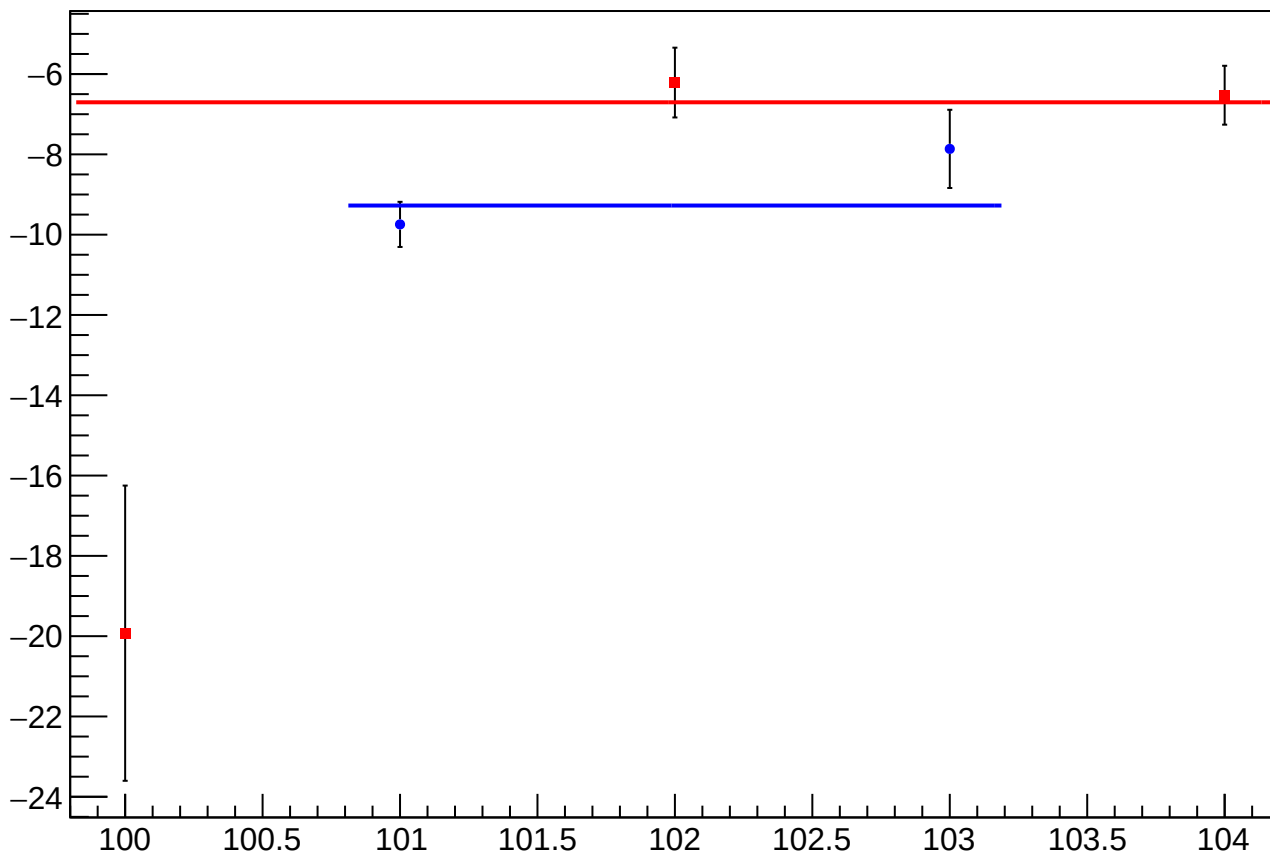
Right: 0.451 $\pm$ 0.415 χ^2 /NDF: 197.4/4

In: 3.766 $\pm$ 0.555 χ^2 /NDF:64.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.451 $\pm$ 0.415 χ^2 /NDF: 197.4/4

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: -6.703+/-0.554 χ^2/NDF : 13.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

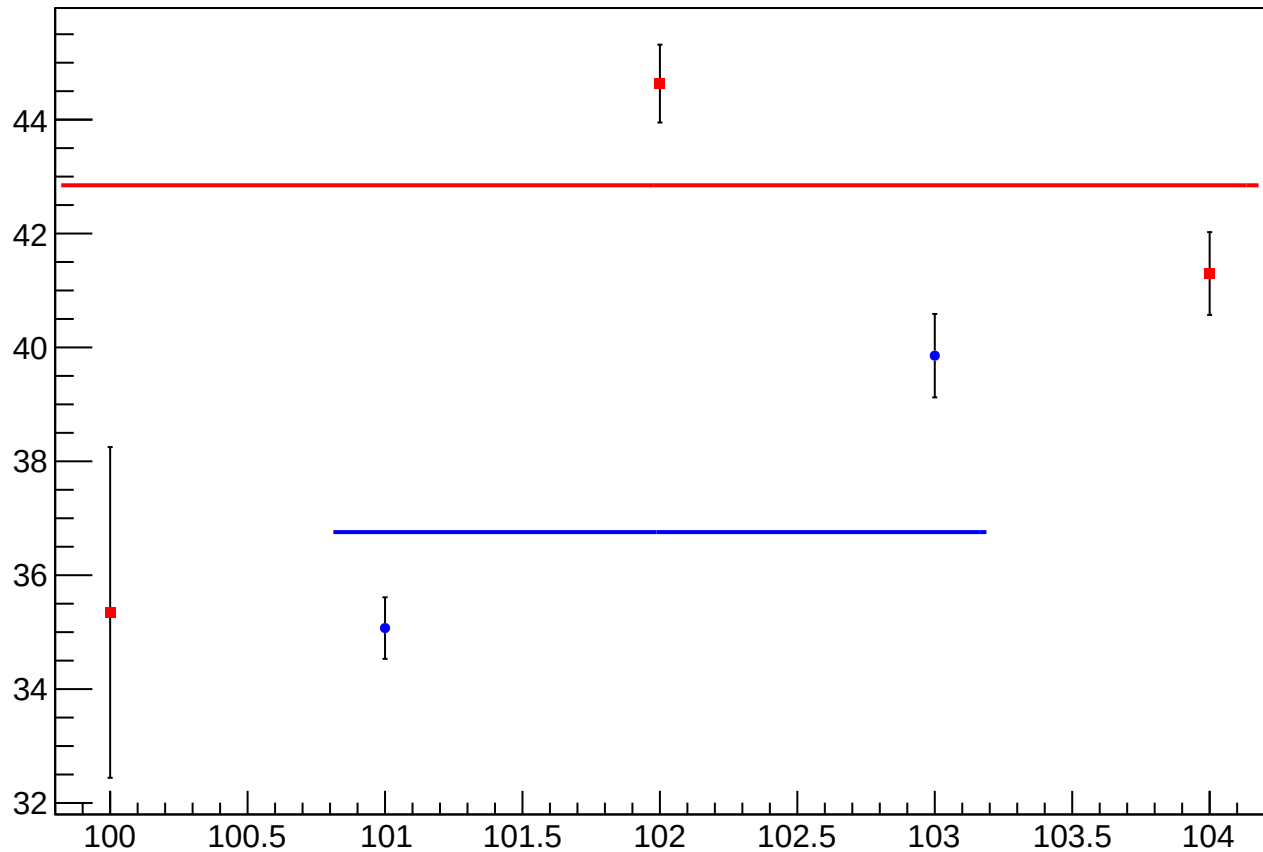
Right: -8.154+/-0.366 χ^2/NDF : 28.3/4

In: -9.275+/-0.487 χ^2/NDF : 2.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.154+/-0.366 χ^2/NDF : 28.3/4

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.757 $\pm$ 0.435 χ^2 /NDF: 27.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.847 $\pm$ 0.491 χ^2 /NDF: 18.0/2

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

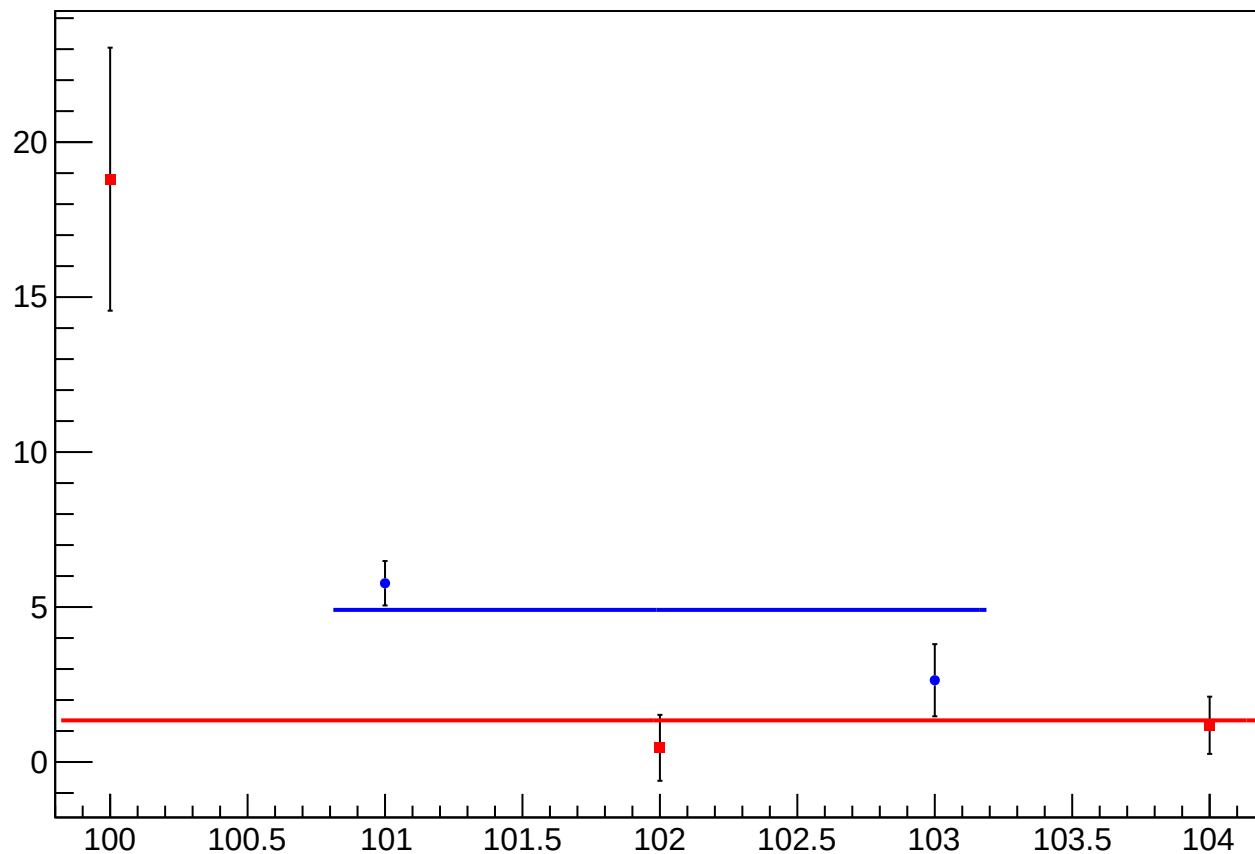
Right: 39.436 $\pm$ 0.326 χ^2 /NDF: 131.9/4

In: 36.757 $\pm$ 0.435 χ^2 /NDF: 27.6/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.436 $\pm$ 0.326 χ^2 /NDF: 131.9/4

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: 1.343+/-0.688 χ^2/NDF : 17.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

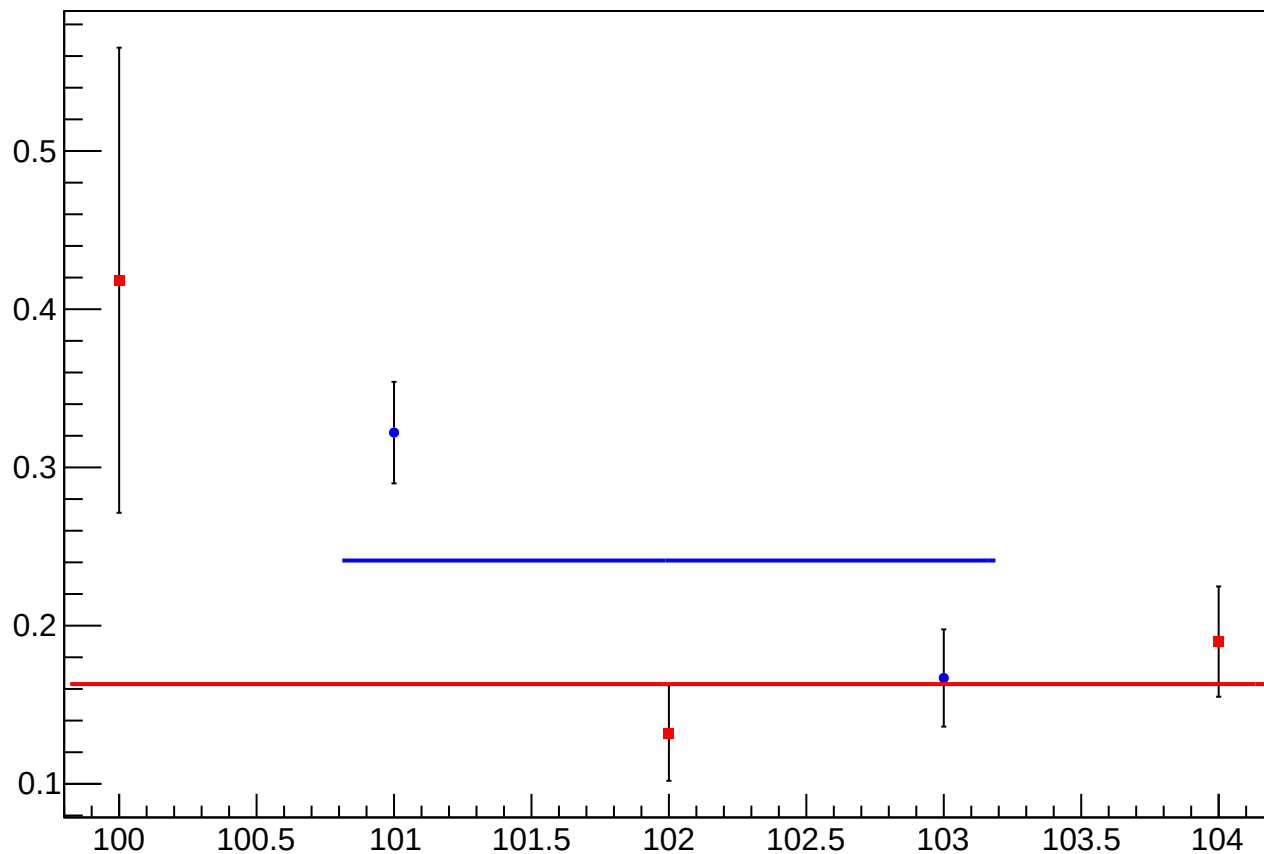
Right: 3.338+/-0.456 χ^2/NDF : 37.9/4

In: 4.908+/-0.610 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.338+/-0.456 χ^2/NDF : 37.9/4

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: 0.163 $\pm$ 0.023 χ^2 /NDF: 4.7/2

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

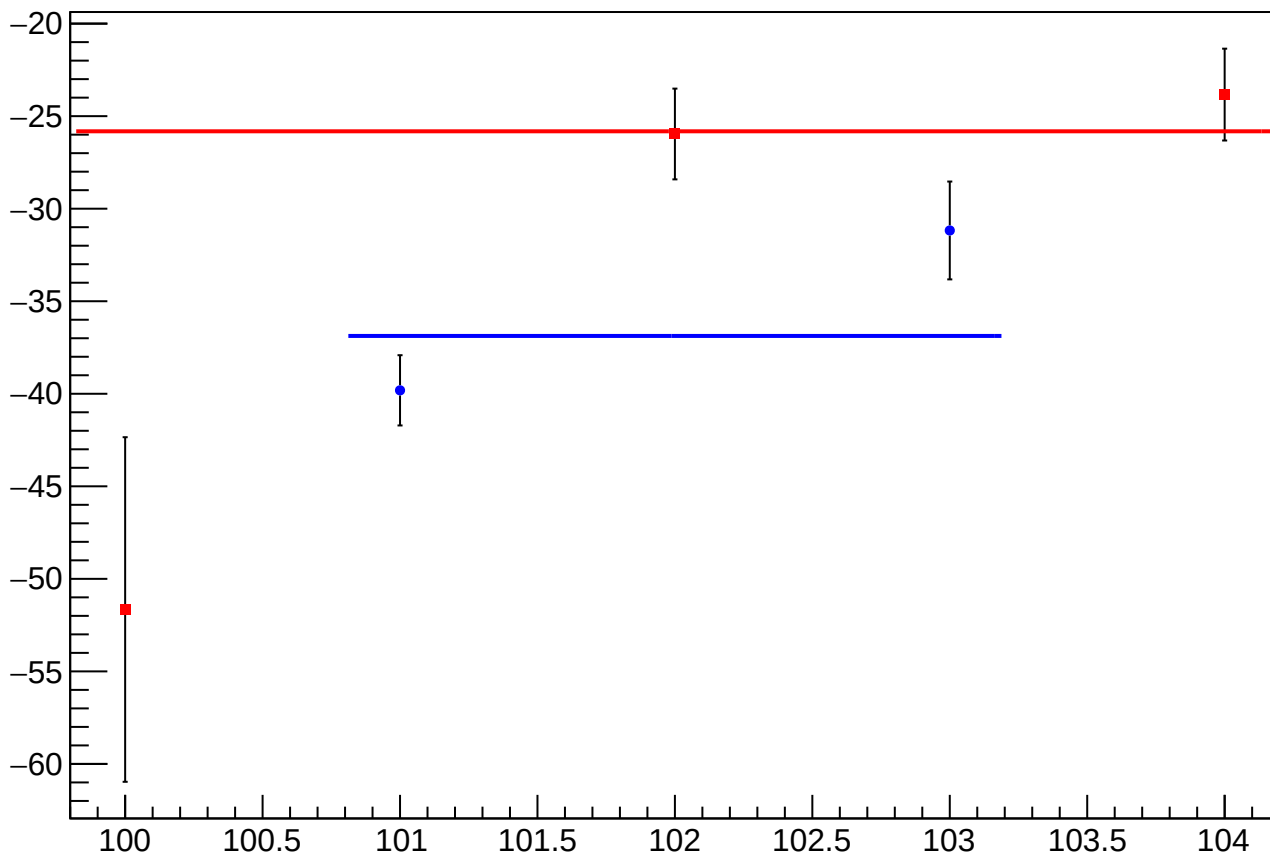
Right: 0.203 $\pm$ 0.016 χ^2 /NDF: 22.9/4

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: 0.203 $\pm$ 0.016 χ^2 /NDF: 22.9/4

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.875+/-1.542 χ^2/NDF : 7.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.819+/-1.714 χ^2/NDF : 8.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

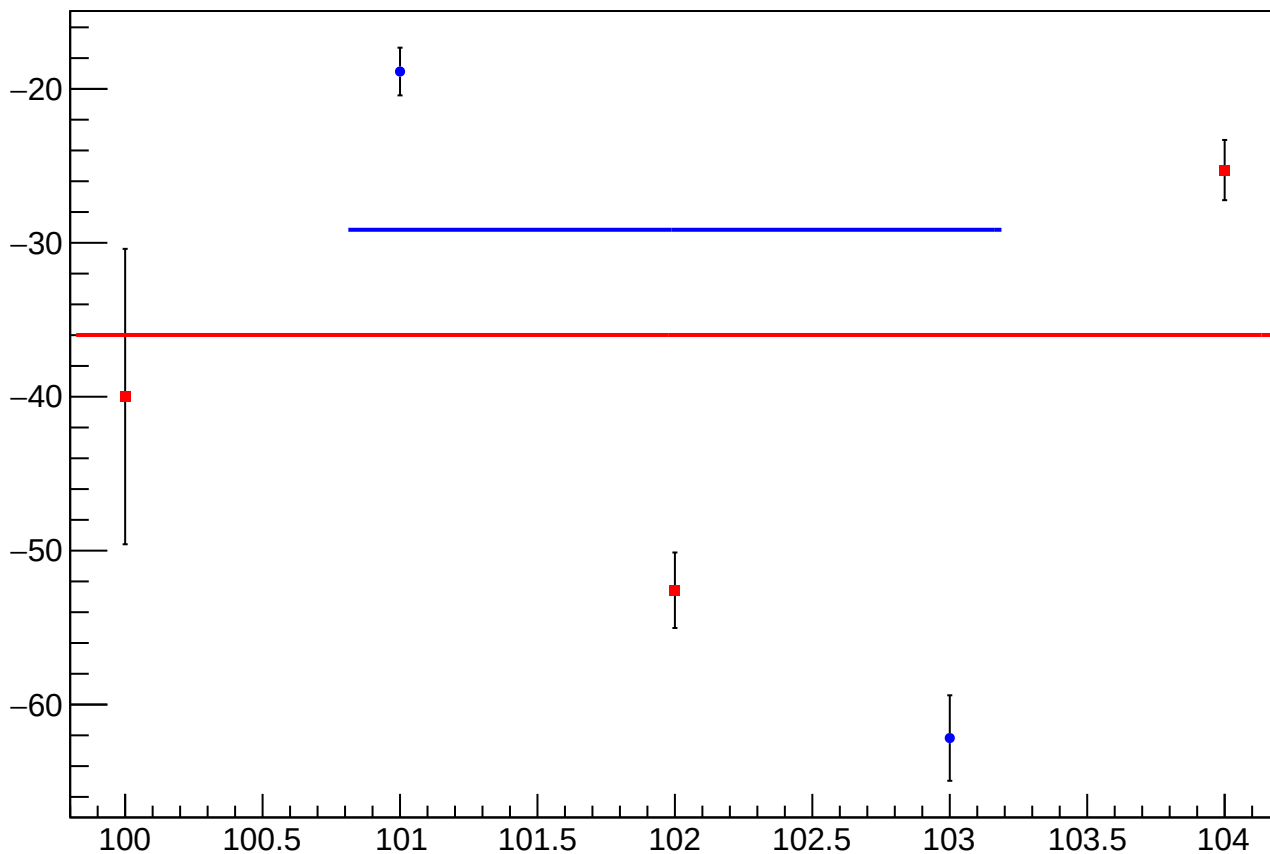
Right: -31.930+/-1.146 χ^2/NDF : 38.4/4

In: -36.875+/-1.542 χ^2/NDF : 7.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.930+/-1.146 χ^2/NDF : 38.4/4

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -29.152 ± 1.353 χ^2/NDF : 185.4/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.988 ± 1.510 χ^2/NDF : 75.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

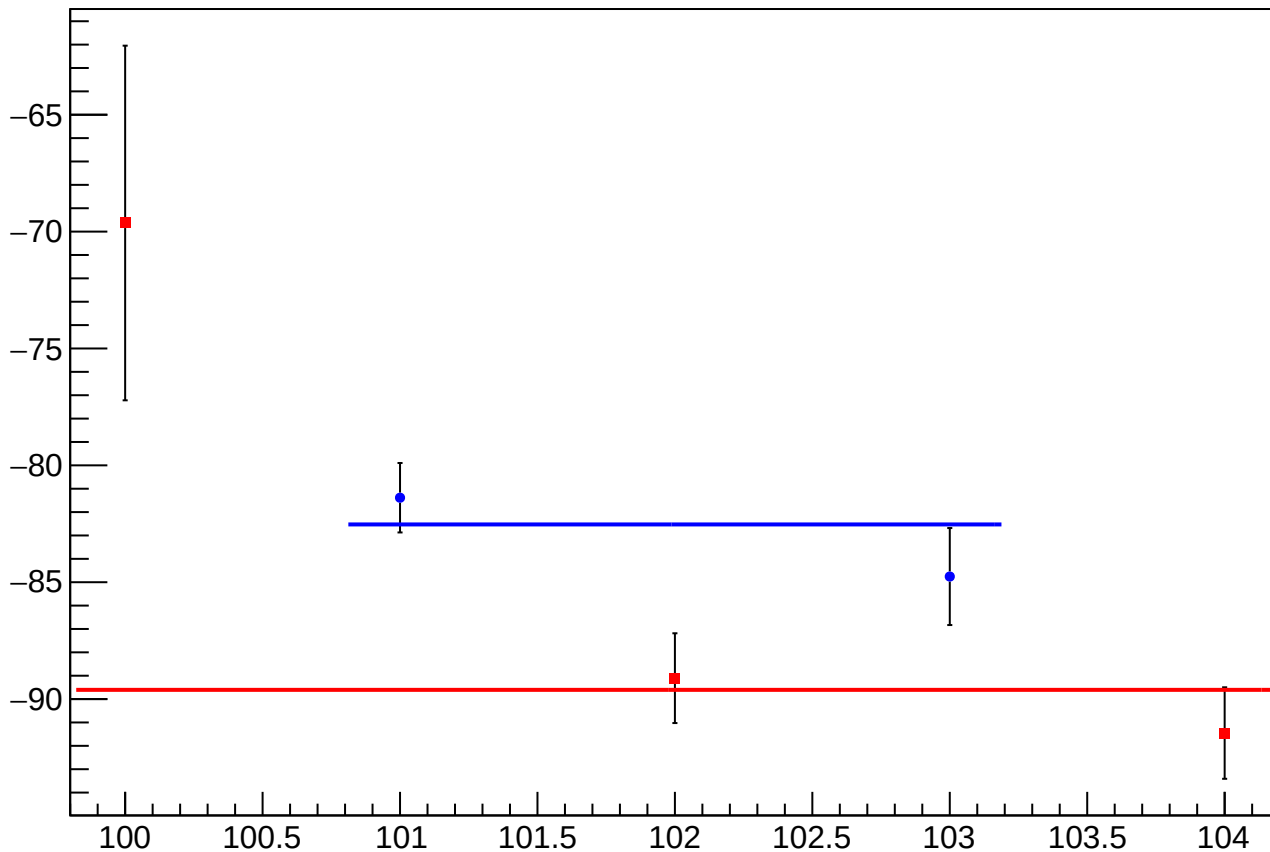
Right: -32.197 ± 1.008 χ^2/NDF : 272.7/4

In: -29.152 ± 1.353 χ^2/NDF : 185.4/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.197 ± 1.008 χ^2/NDF : 272.7/4

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.528 $\pm$ 1.208 χ^2/NDF : 1.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -89.605 $\pm$ 1.349 χ^2/NDF : 7.9/2

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

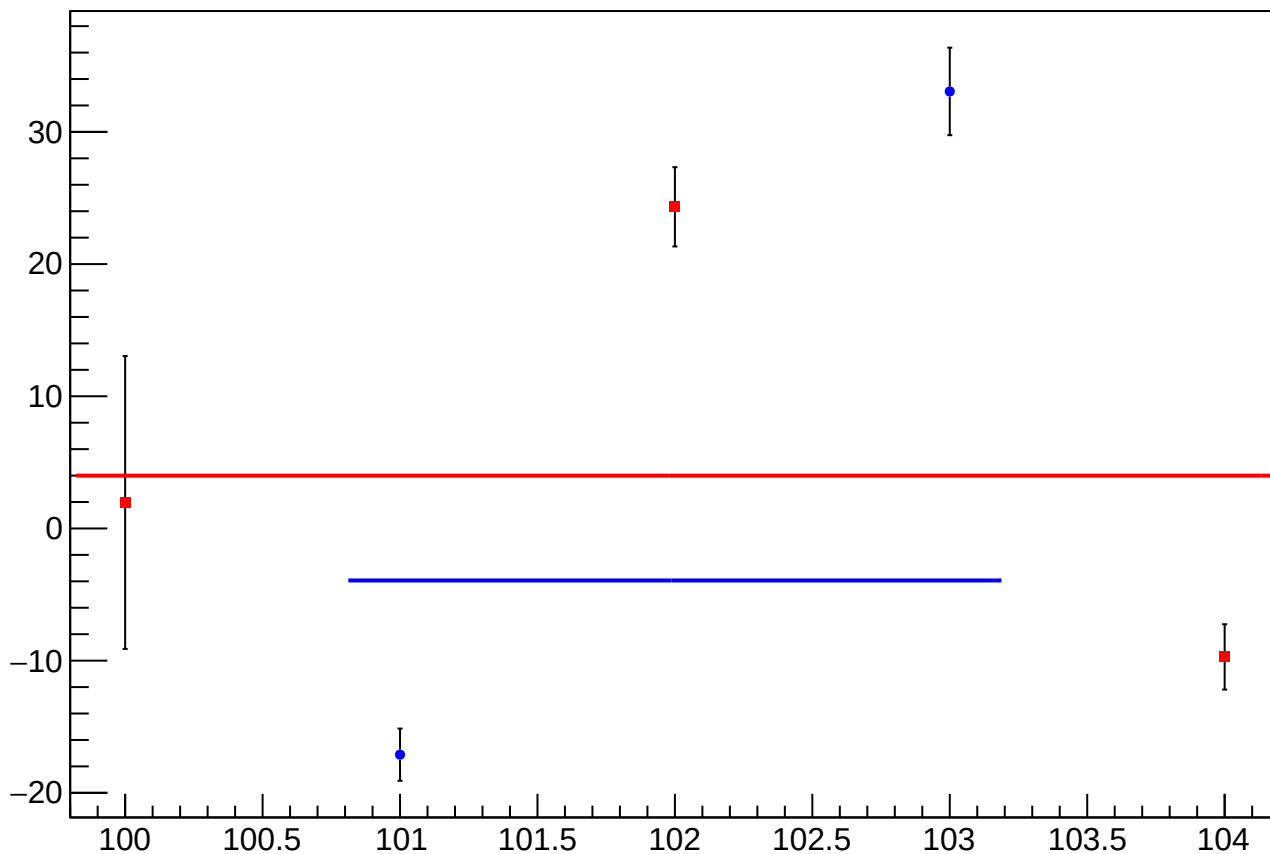
Right: -85.678 $\pm$ 0.900 χ^2/NDF : 24.9/4

In: -82.528 $\pm$ 1.208 χ^2/NDF : 1.7/1

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -85.678 $\pm$ 0.900 χ^2/NDF : 24.9/4

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: 3.997+/-1.879 χ^2/NDF : 76.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

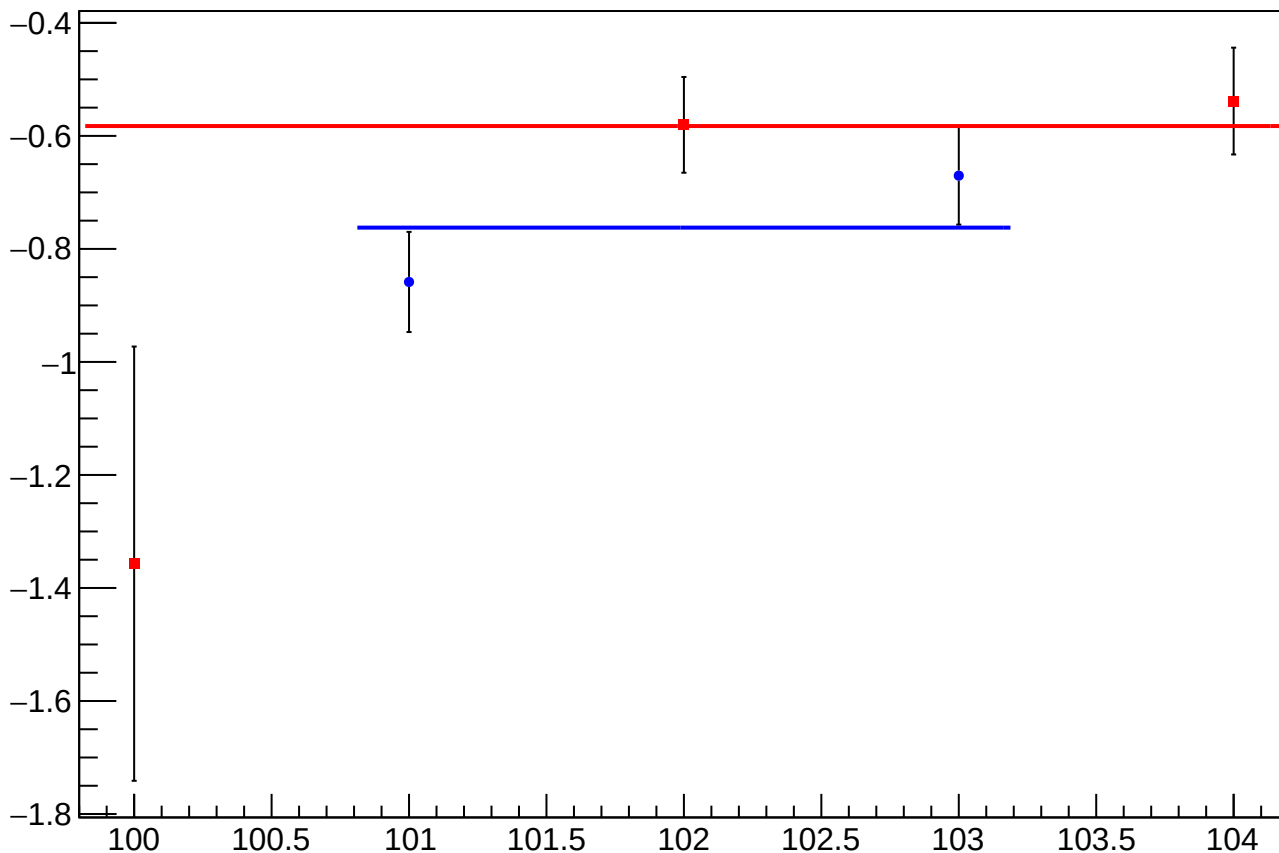
Right: -0.372+/-1.259 χ^2/NDF : 256.1/4

In: -3.933+/-1.697 χ^2/NDF : 169.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.372+/-1.259 χ^2/NDF : 256.1/4

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.762 $\pm$ 0.062 χ^2 /NDF: 2.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.583 $\pm$ 0.062 χ^2 /NDF: 4.3/2

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

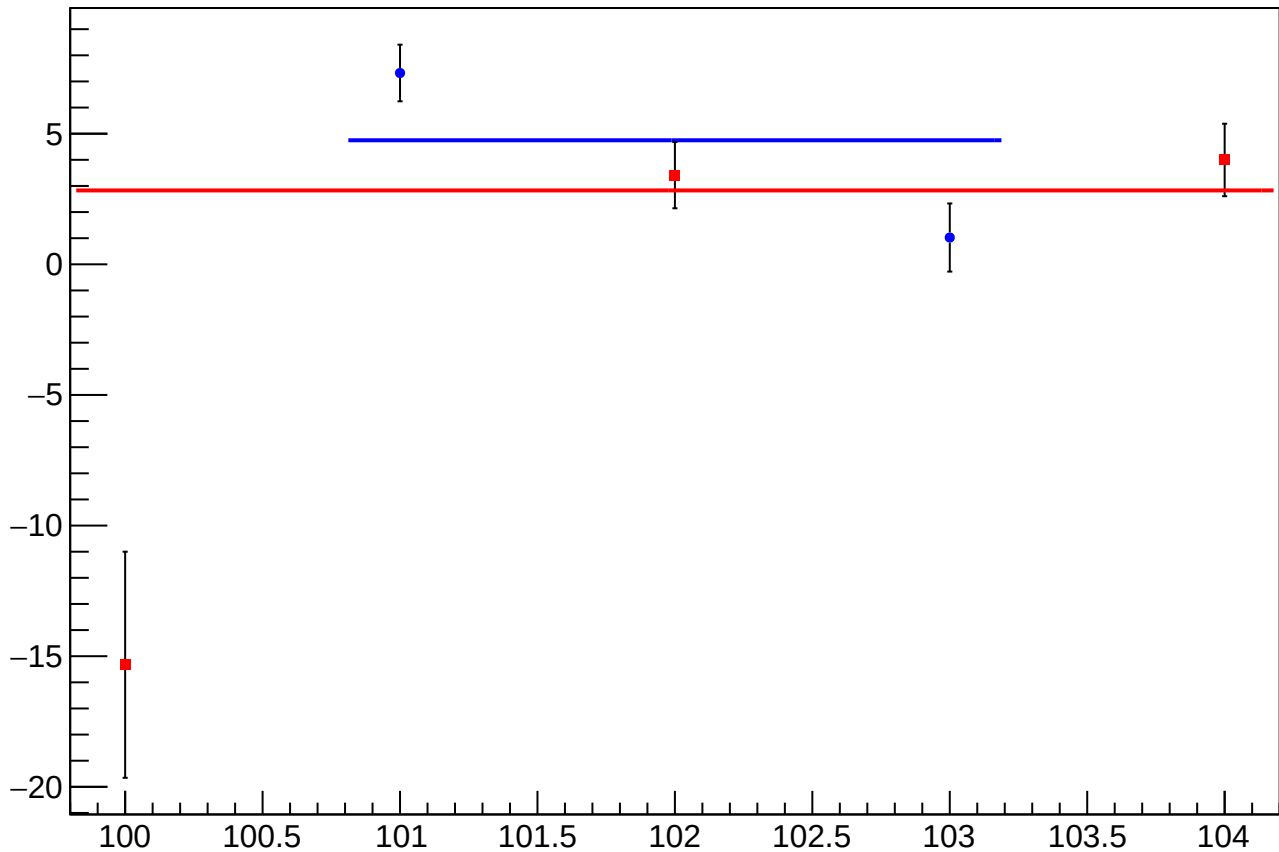
Right: -0.673 $\pm$ 0.044 χ^2 /NDF: 10.8/4

In: -0.762 $\pm$ 0.062 χ^2 /NDF:2.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.673 $\pm$ 0.044 χ^2 /NDF: 10.8/4

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.748+/-0.834 χ^2/NDF : 13.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.828+/-0.915 χ^2/NDF : 18.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

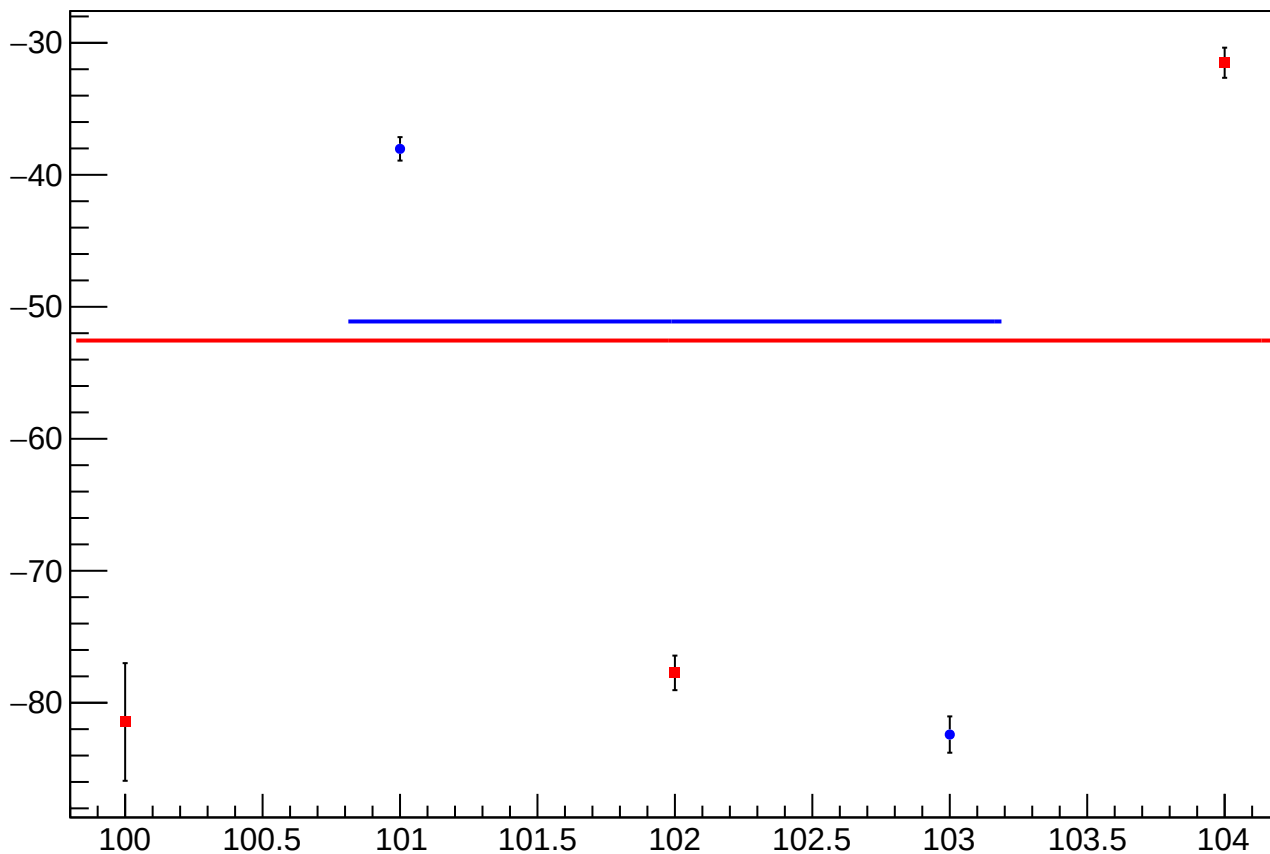
Right: 3.877+/-0.616 χ^2/NDF : 34.7/4

In: 4.748+/-0.834 χ^2/NDF : 13.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.877+/-0.616 χ^2/NDF : 34.7/4

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -51.111+/-0.747 χ^2/NDF : 733.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.555+/-0.845 χ^2/NDF : 752.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

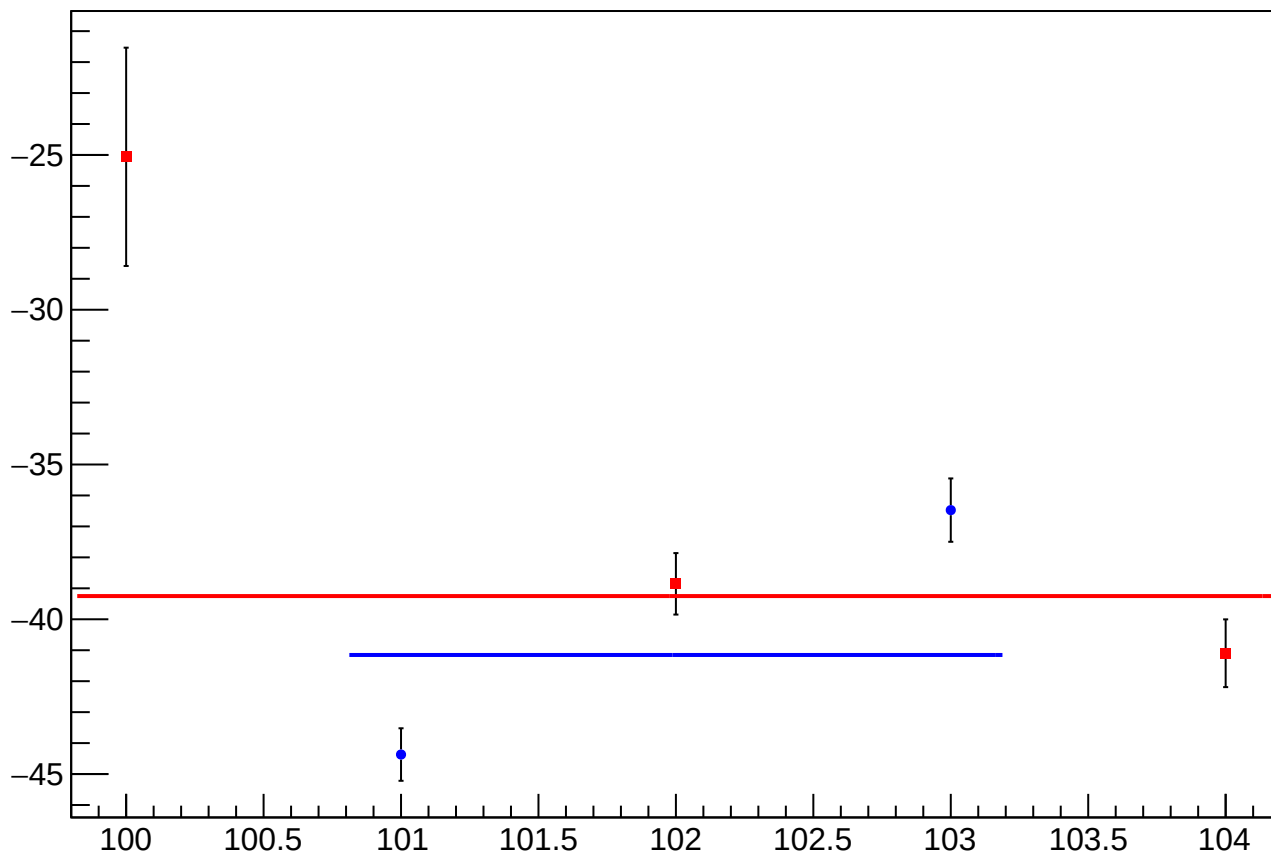
Right: -51.744+/-0.560 χ^2/NDF : 1487.3/4

In: -51.111+/-0.747 χ^2/NDF : 733.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.744+/-0.560 χ^2/NDF : 1487.3/4

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: -39.250+/-0.720 χ^2/NDF : 19.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

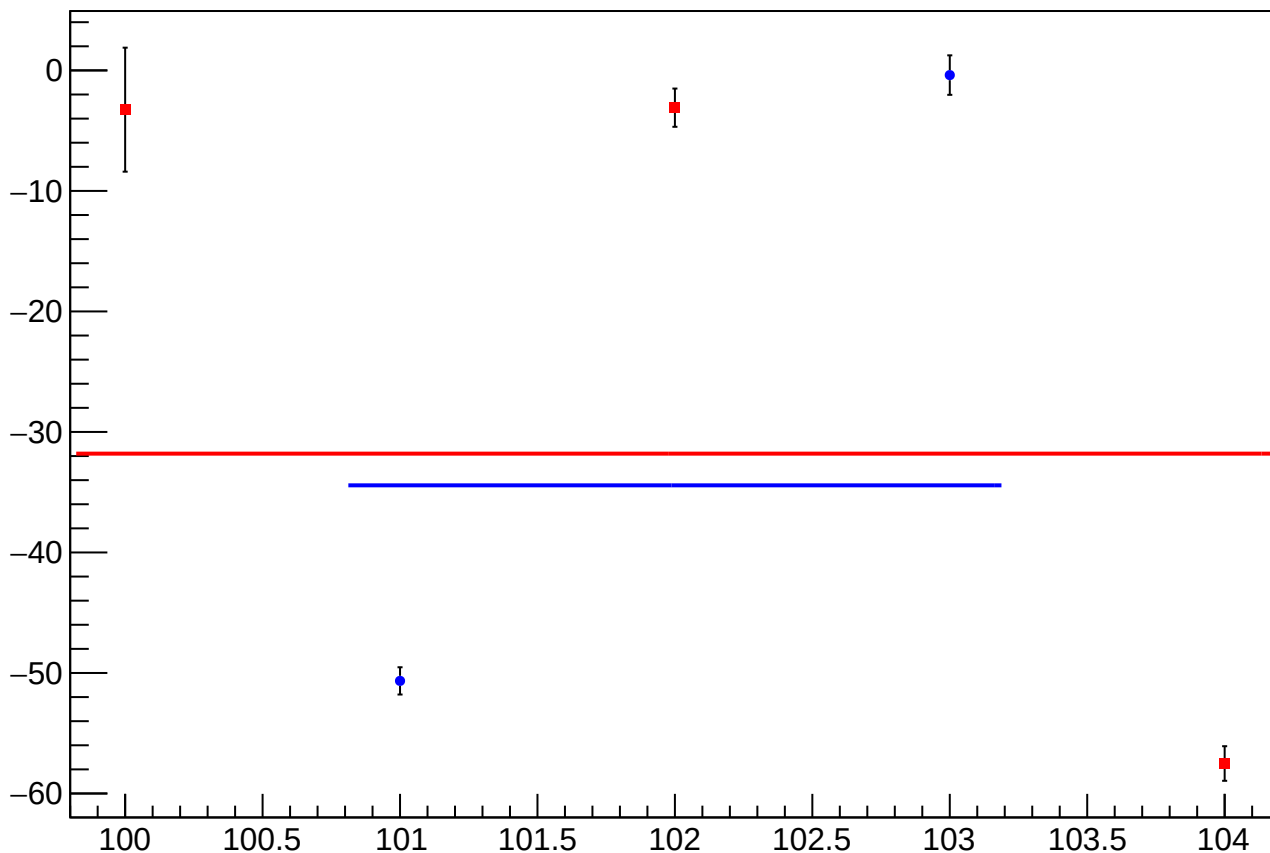
Right: -40.294+/-0.484 χ^2/NDF : 58.3/4

In: -41.153+/-0.653 χ^2/NDF : 35.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.294+/-0.484 χ^2/NDF : 58.3/4

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: -31.800+/-1.042 χ^2/NDF : 679.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

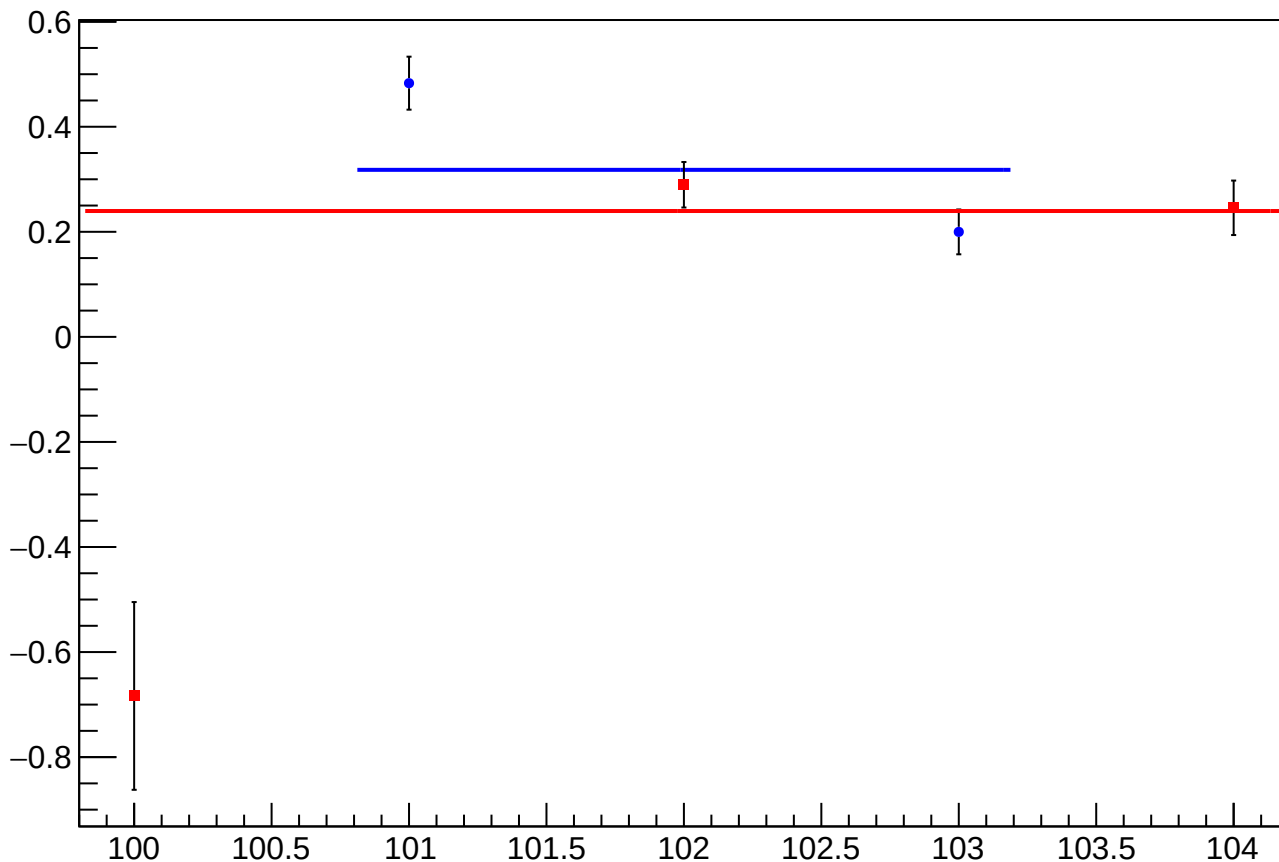
Right: -33.263+/-0.694 χ^2/NDF : 1319.9/4

In: -34.430+/-0.931 χ^2/NDF : 637.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.263+/-0.694 χ^2/NDF : 1319.9/4

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: 0.240 $\pm$ 0.033 χ^2 /NDF: 28.0/2

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

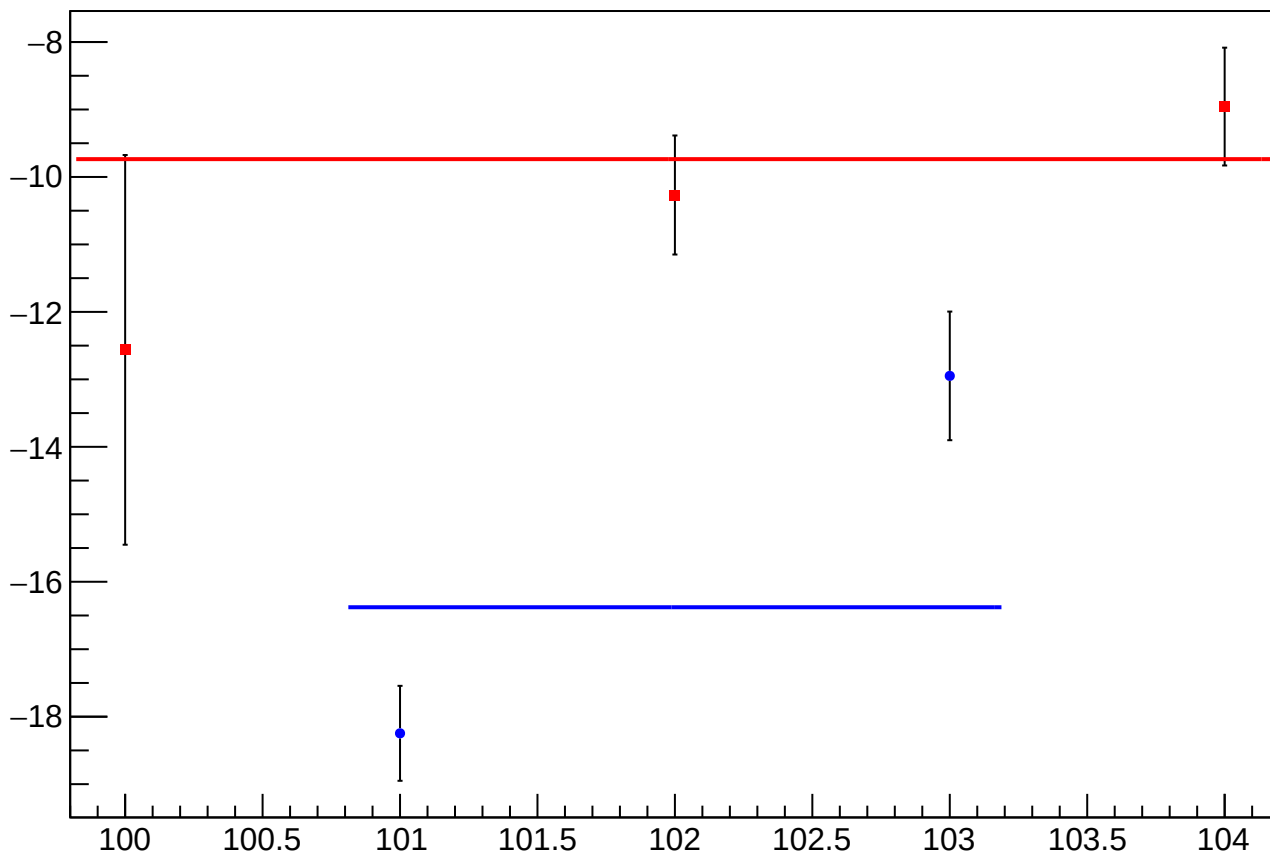
Right: 0.279 $\pm$ 0.023 χ^2 /NDF: 49.3/4

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: 0.279 $\pm$ 0.023 χ^2 /NDF: 49.3/4

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: -9.736 $\pm$ 0.607 χ^2 /NDF: 2.1/2

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

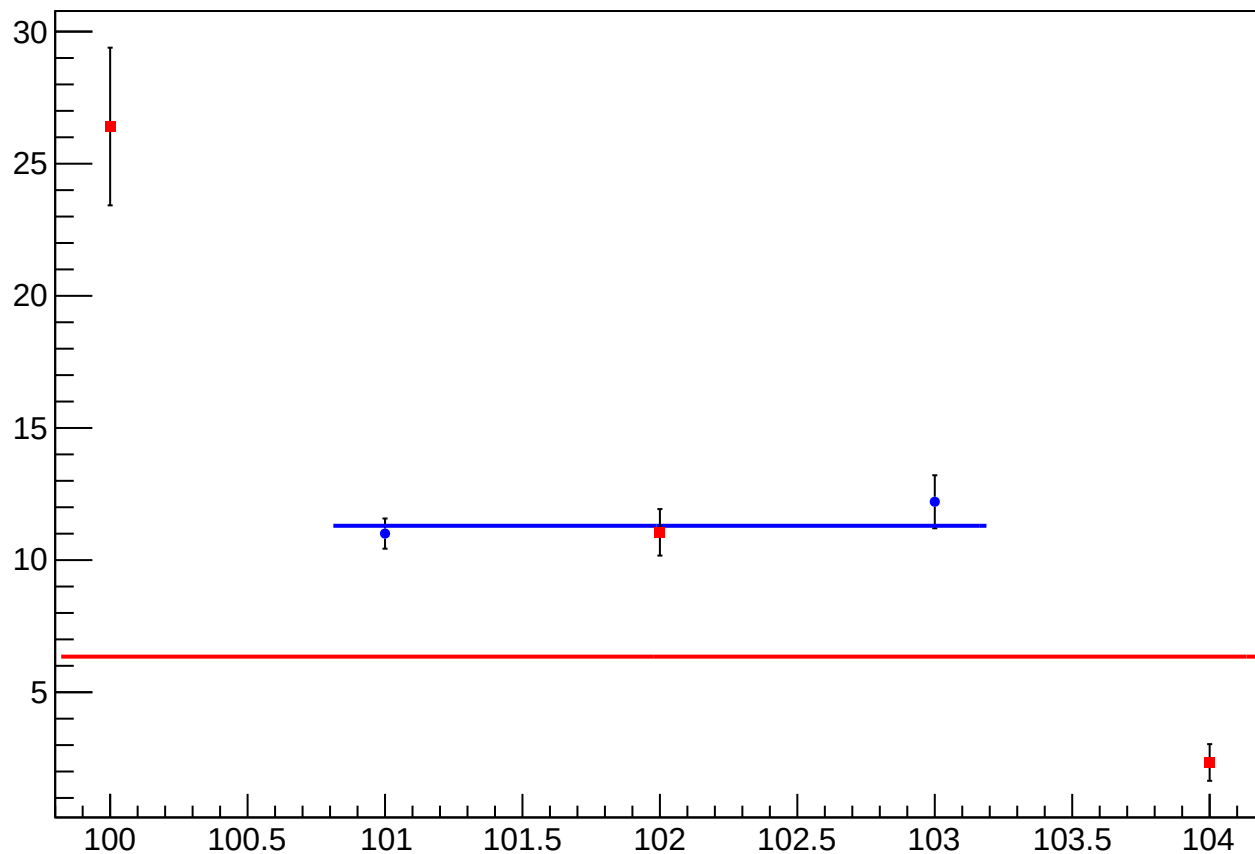
Right: -13.286 $\pm$ 0.414 χ^2 /NDF: 86.2/4

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: -13.286 $\pm$ 0.414 χ^2 /NDF: 86.2/4

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: 6.348+/-0.536 χ^2/NDF : 107.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

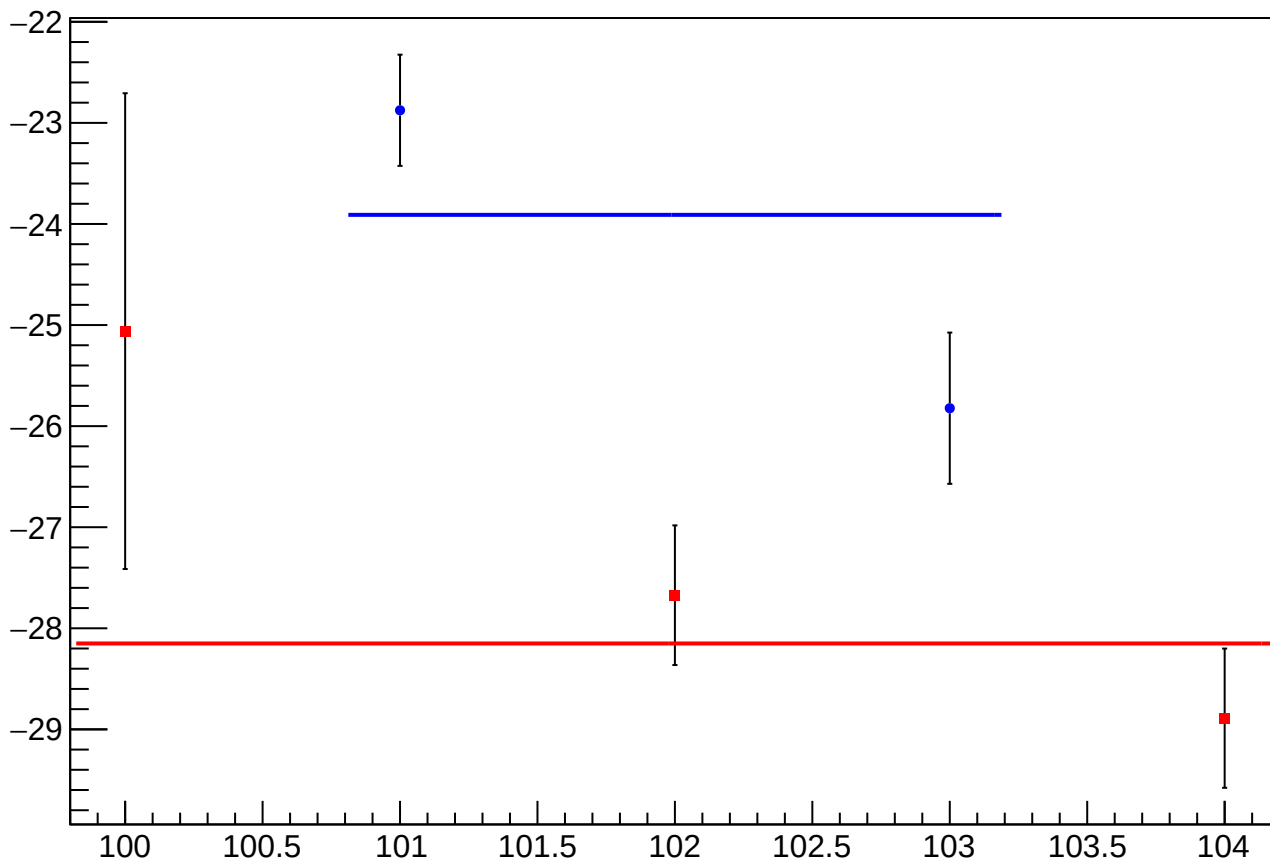
Right: 9.011+/-0.364 χ^2/NDF : 154.1/4

In: 11.299+/-0.497 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.011+/-0.364 χ^2/NDF : 154.1/4

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -23.910 $\pm$ 0.443 χ^2 /NDF: 10.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.150 $\pm$ 0.478 χ^2 /NDF: 3.4/2

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

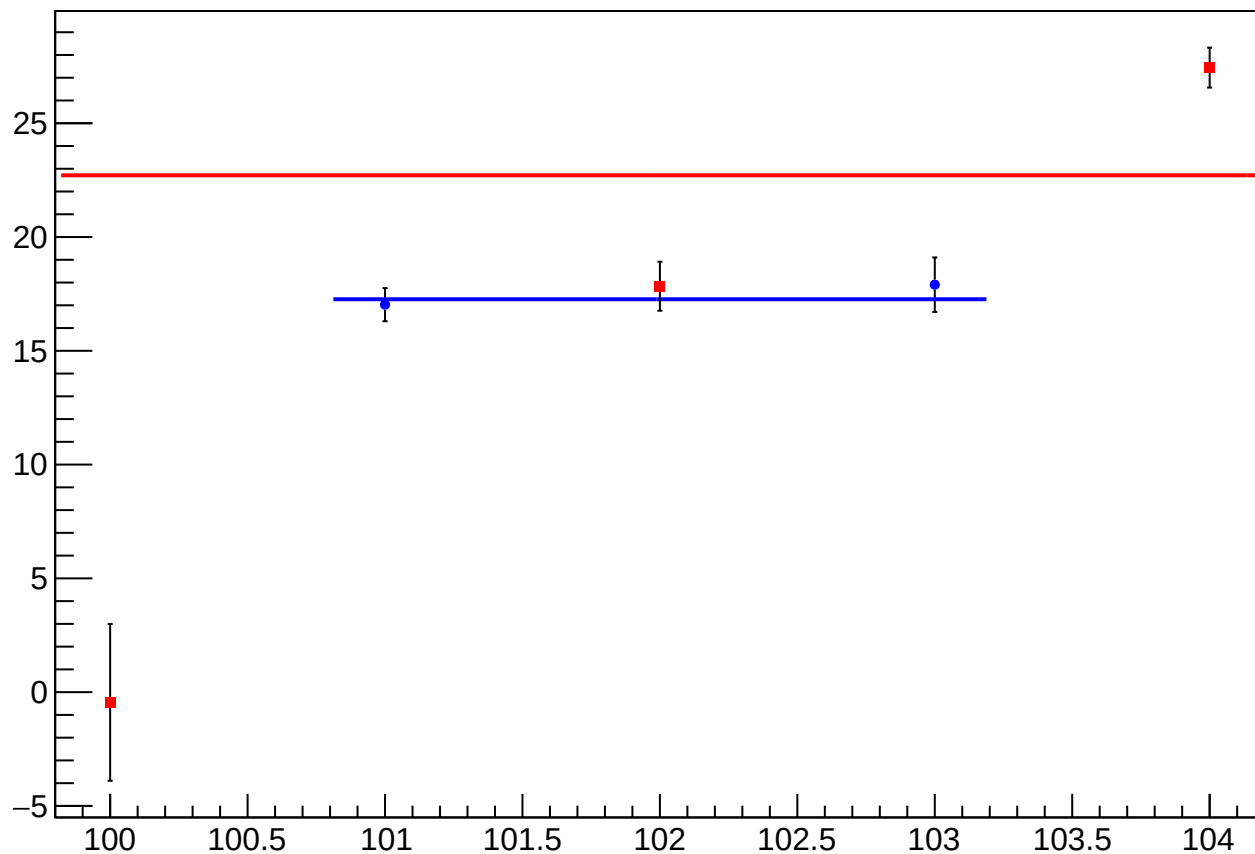
Right: -25.872 $\pm$ 0.325 χ^2 /NDF: 55.8/4

In: -23.910 $\pm$ 0.443 χ^2 /NDF:10.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.872 $\pm$ 0.325 χ^2 /NDF: 55.8/4

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.265+/-0.622 χ^2/NDF : 0.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.713+/-0.667 χ^2/NDF : 94.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

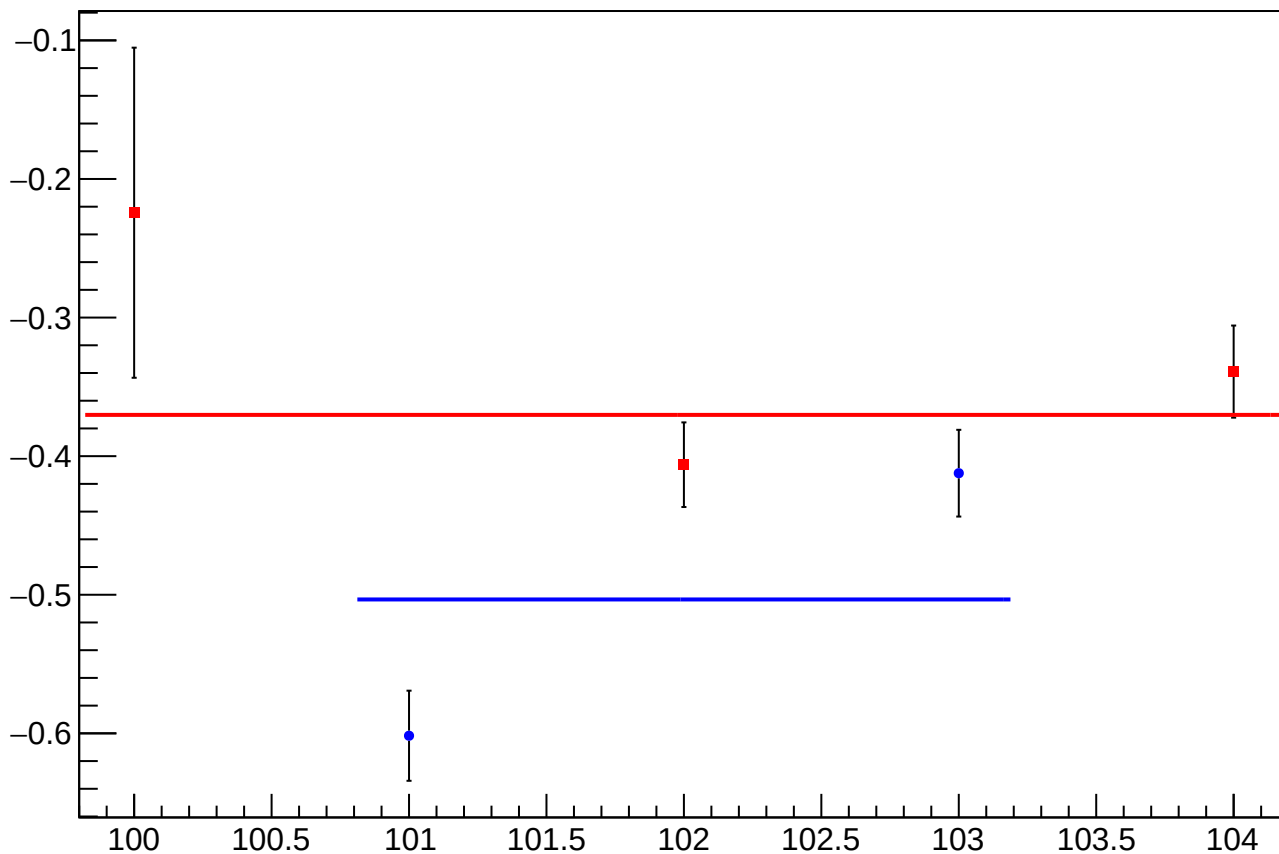
Right: 19.801+/-0.455 χ^2/NDF : 130.9/4

In: 17.265+/-0.622 χ^2/NDF : 0.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.801+/-0.455 χ^2/NDF : 130.9/4

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: -0.370+/-0.022 χ^2/NDF : 3.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

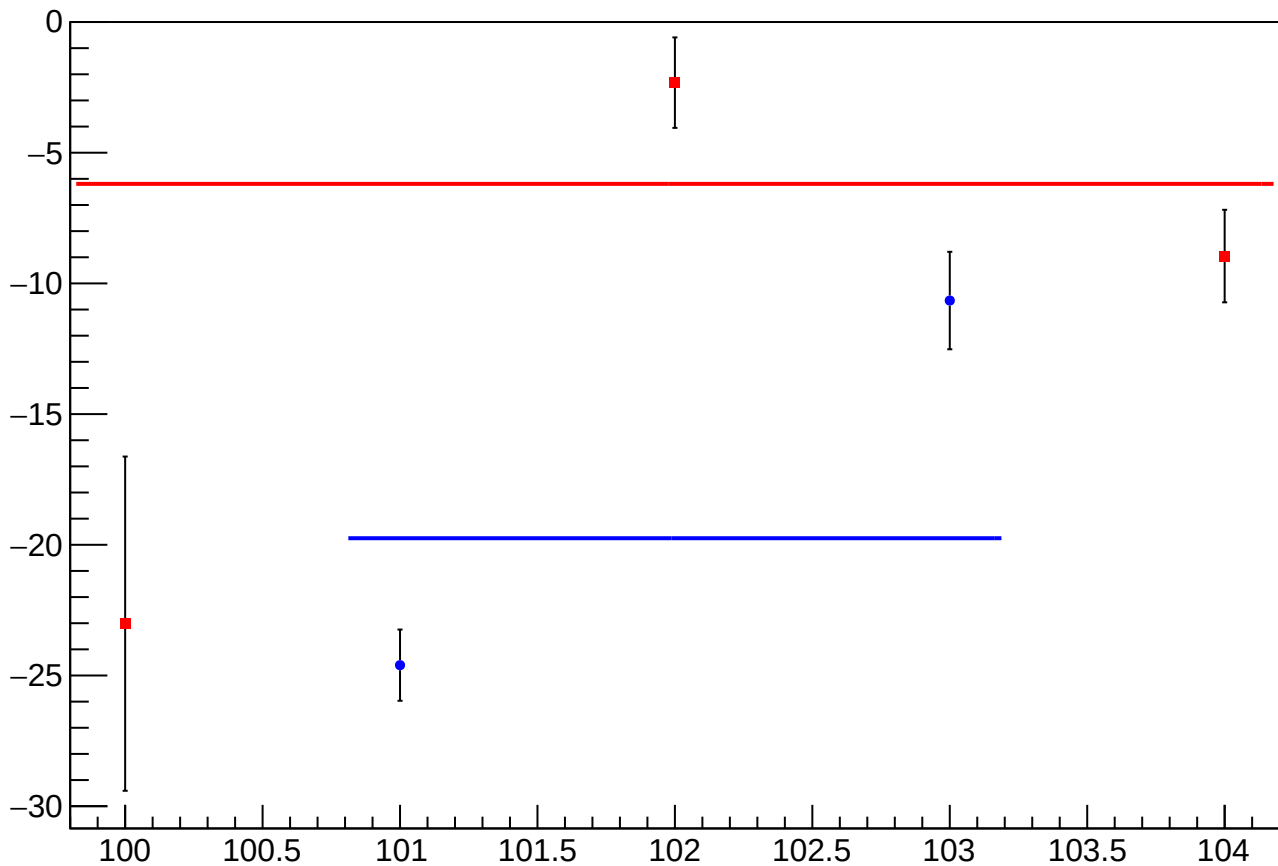
Right: -0.435+/-0.016 χ^2/NDF : 39.2/4

In: -0.503+/-0.023 χ^2/NDF : 17.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.435+/-0.016 χ^2/NDF : 39.2/4

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: -6.192 $\pm$ 1.215 χ^2 /NDF: 14.4/2

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

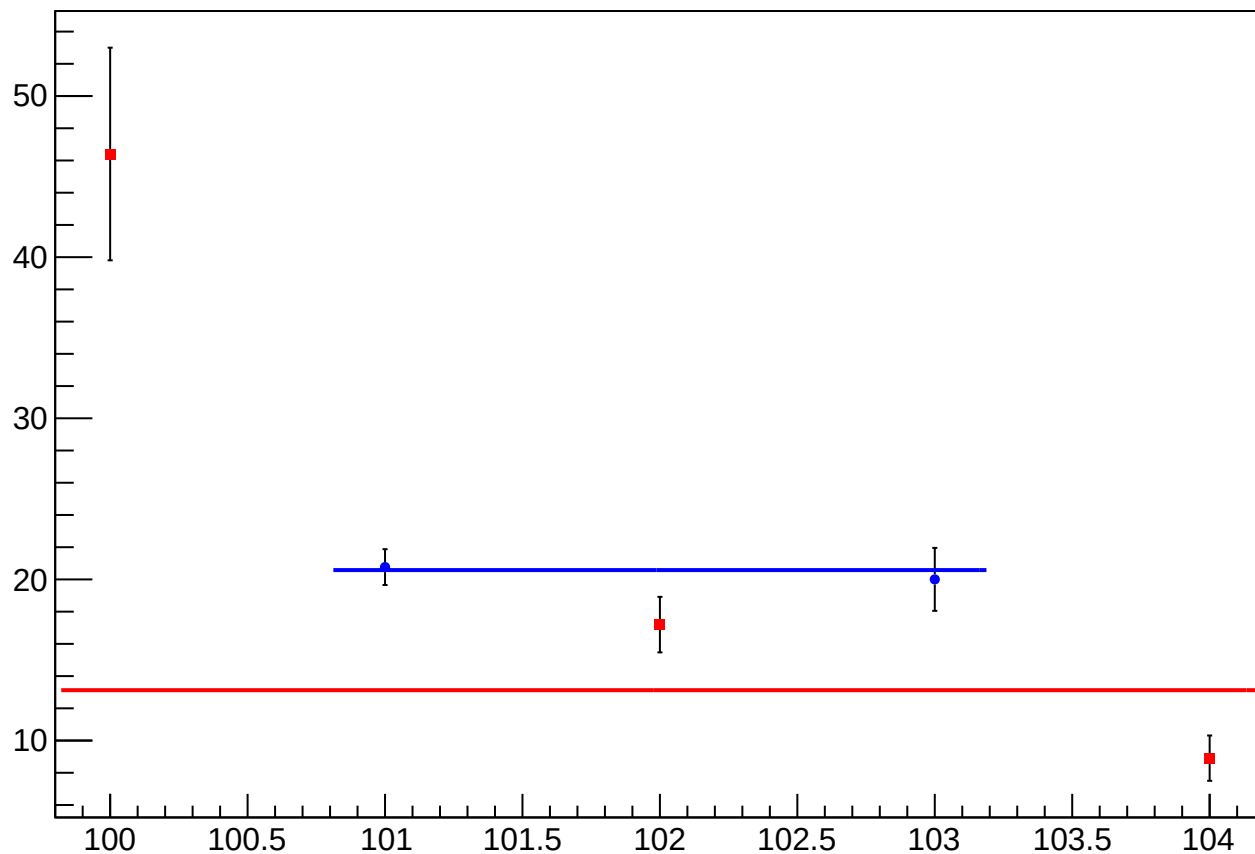
Right: -13.640 $\pm$ 0.815 χ^2 /NDF: 119.3/4

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: -13.640 $\pm$ 0.815 χ^2 /NDF: 119.3/4

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: 13.126 $\pm$ 1.075 χ^2 /NDF: 40.0/2

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

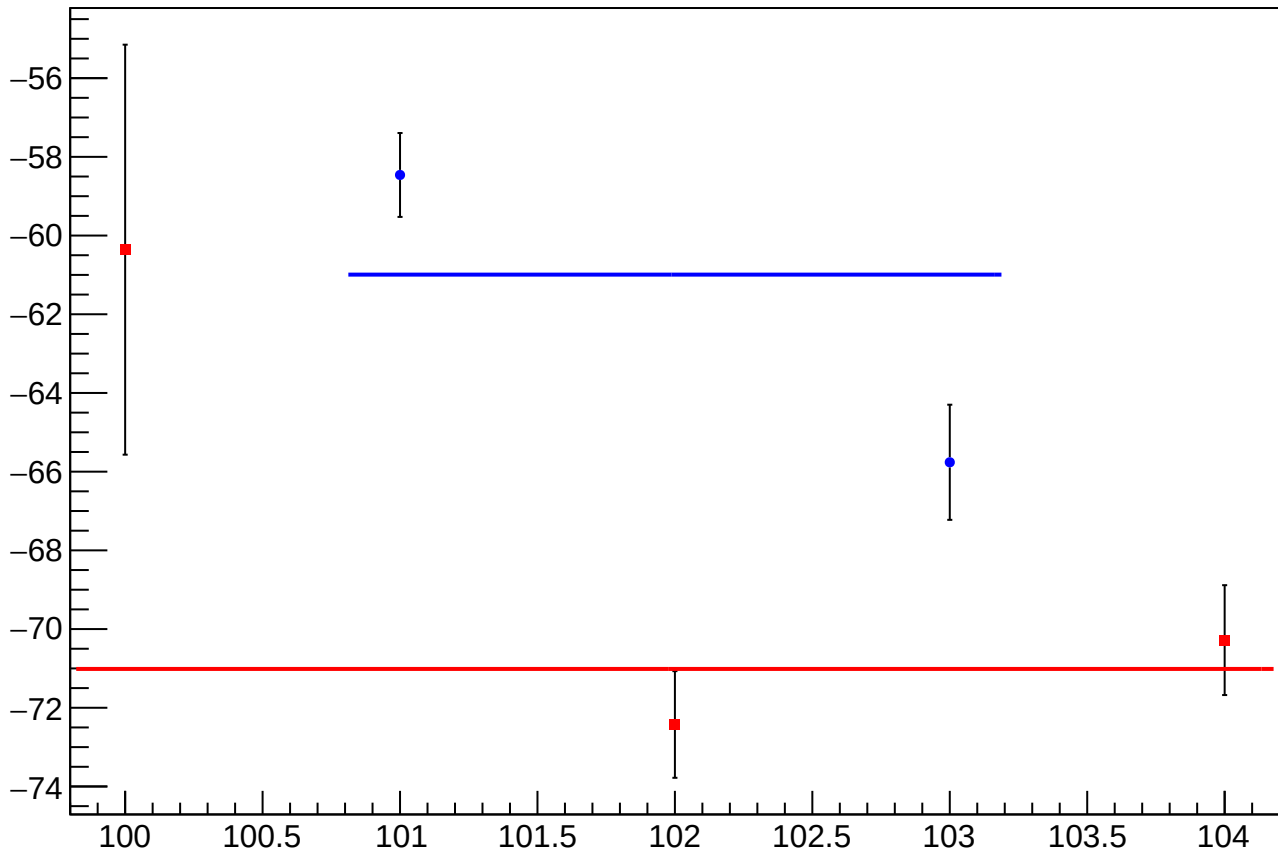
Right: 17.250 $\pm$ 0.718 χ^2 /NDF: 66.7/4

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: 17.250 $\pm$ 0.718 χ^2 /NDF: 66.7/4

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: -71.013 $\pm$ 0.956 χ^2 /NDF: 5.5/2

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

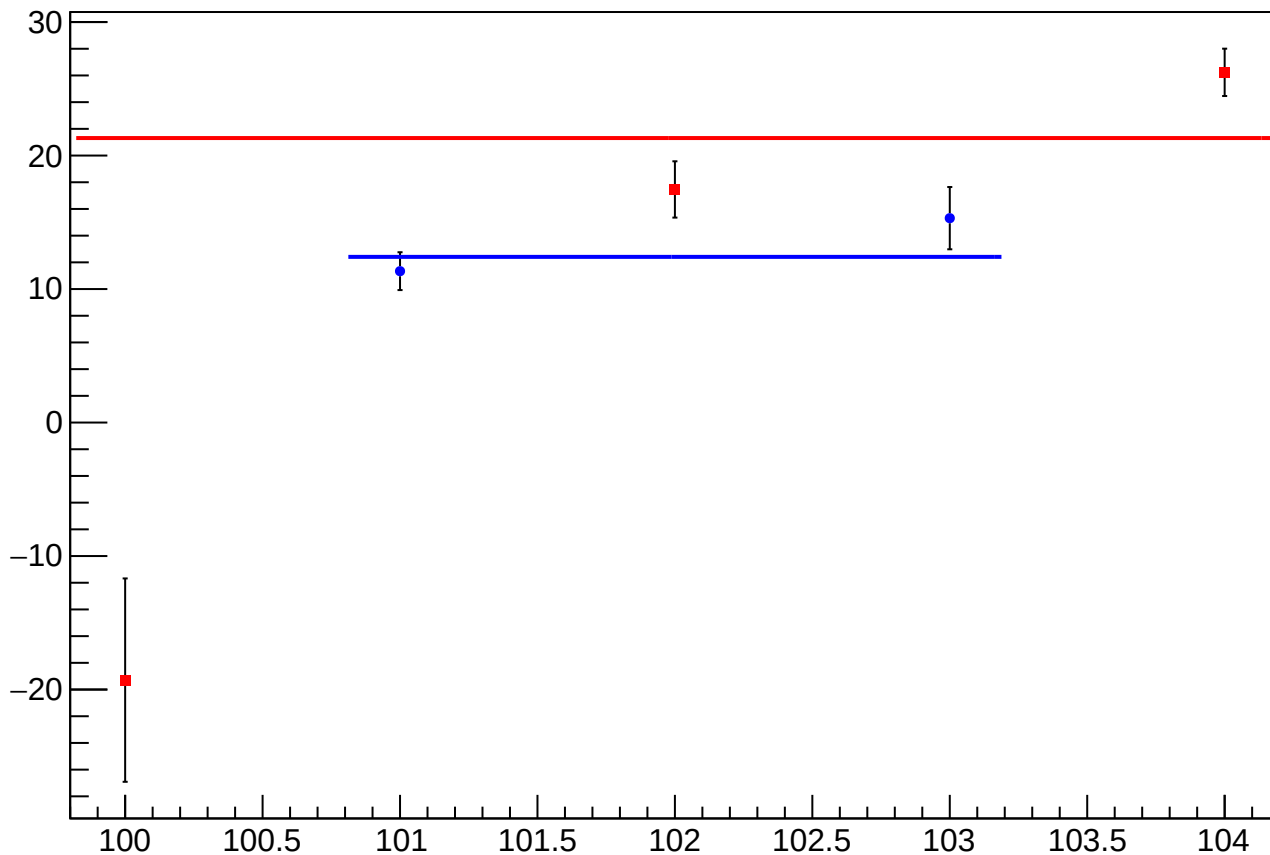
Right: -65.484 $\pm$ 0.640 χ^2 /NDF: 82.4/4

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: -65.484 $\pm$ 0.640 χ^2 /NDF: 82.4/4

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.411 $\pm$ 1.211 χ^2 /NDF: 2.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.311 $\pm$ 1.336 χ^2 /NDF: 39.5/2

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

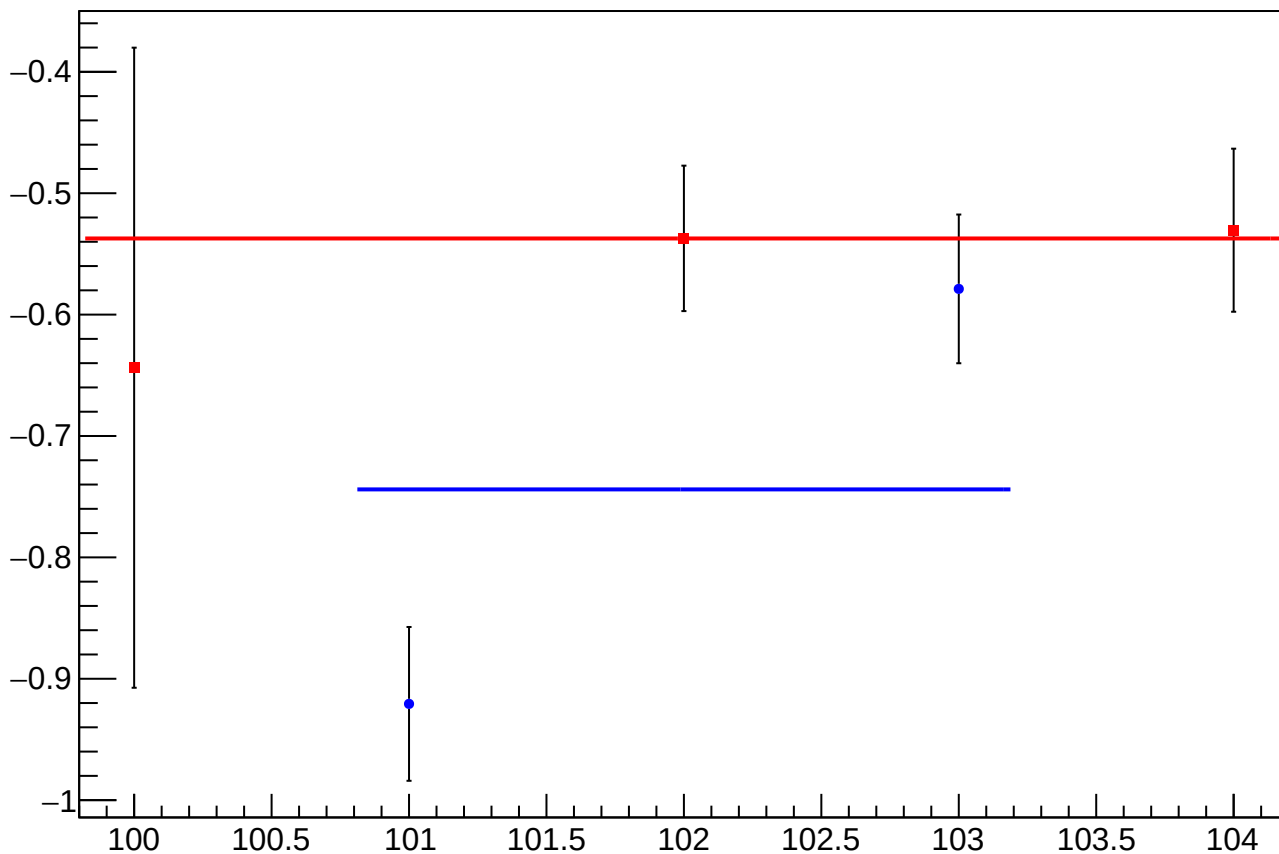
Right: 16.425 $\pm$ 0.897 χ^2 /NDF: 65.9/4

In: 12.411 $\pm$ 1.211 χ^2 /NDF:2.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.425 $\pm$ 0.897 χ^2 /NDF: 65.9/4

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.744 $\pm$ 0.044 χ^2 /NDF: 15.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.537 $\pm$ 0.044 χ^2 /NDF: 0.2/2

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

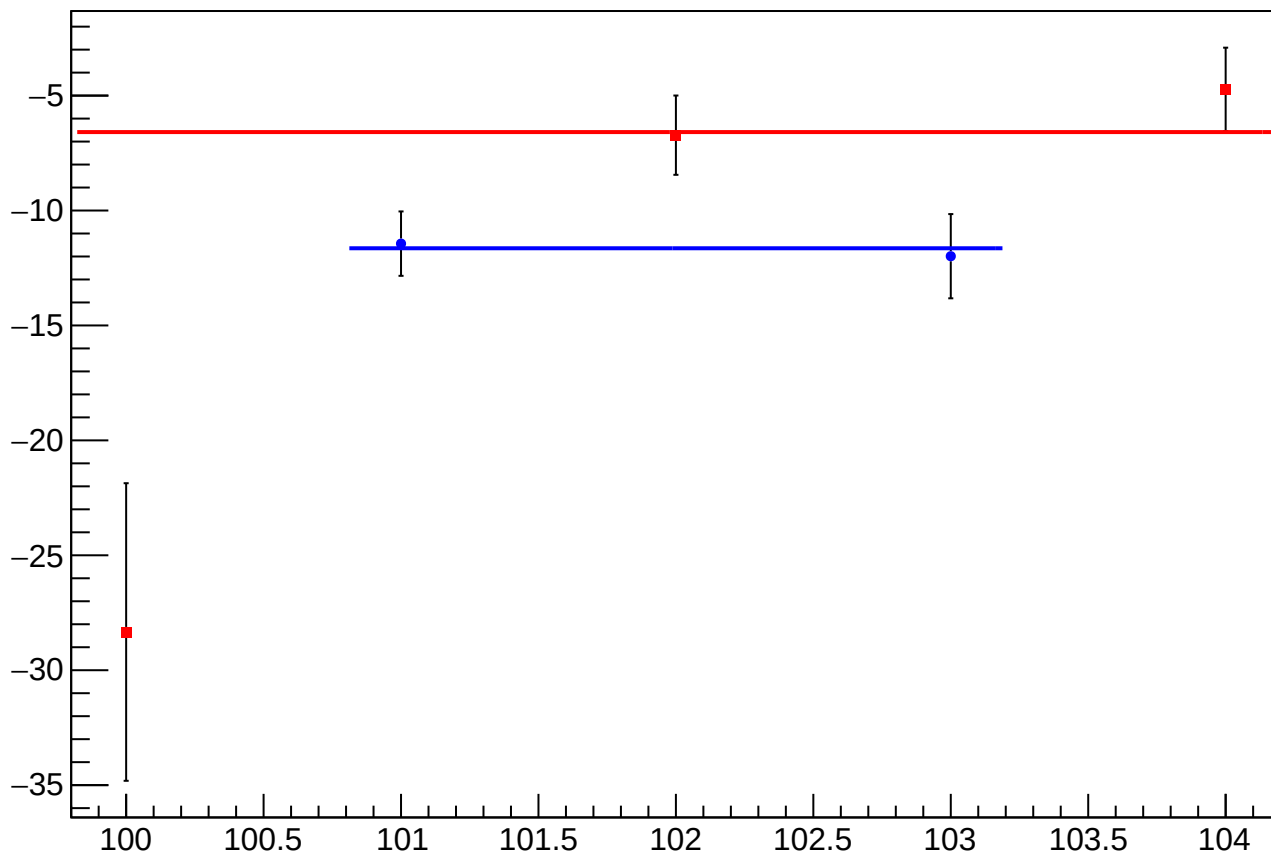
Right: -0.641 $\pm$ 0.031 χ^2 /NDF: 26.2/4

In: -0.744 $\pm$ 0.044 χ^2 /NDF:15.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.641 $\pm$ 0.031 χ^2 /NDF: 26.2/4

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.642 $\pm$ 1.113 χ^2 /NDF: 0.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.587 $\pm$ 1.227 χ^2 /NDF: 12.3/2

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

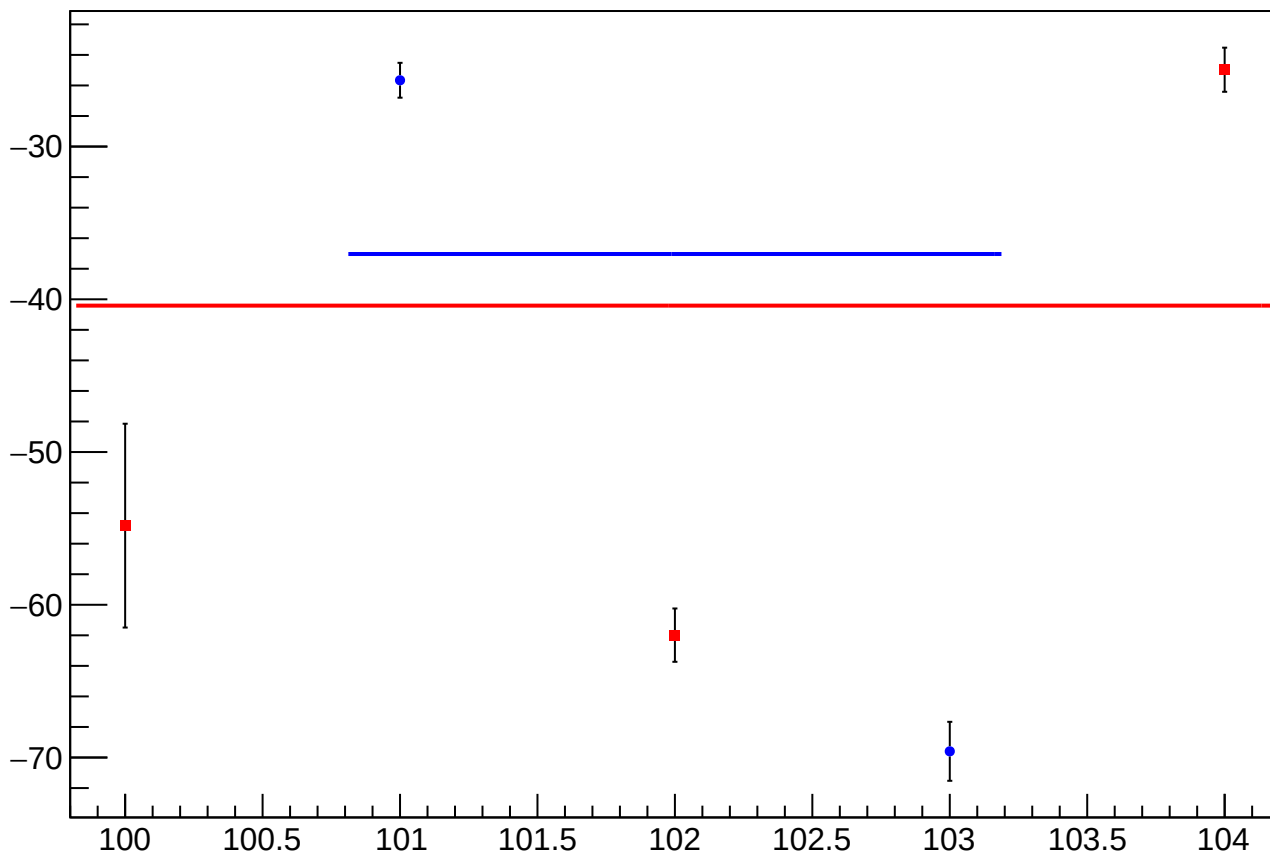
Right: -9.361 $\pm$ 0.824 χ^2 /NDF: 21.7/4

In: -11.642 $\pm$ 1.113 χ^2 /NDF: 0.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.361 $\pm$ 0.824 χ^2 /NDF: 21.7/4

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: -40.414+/-1.098 χ^2/NDF : 271.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

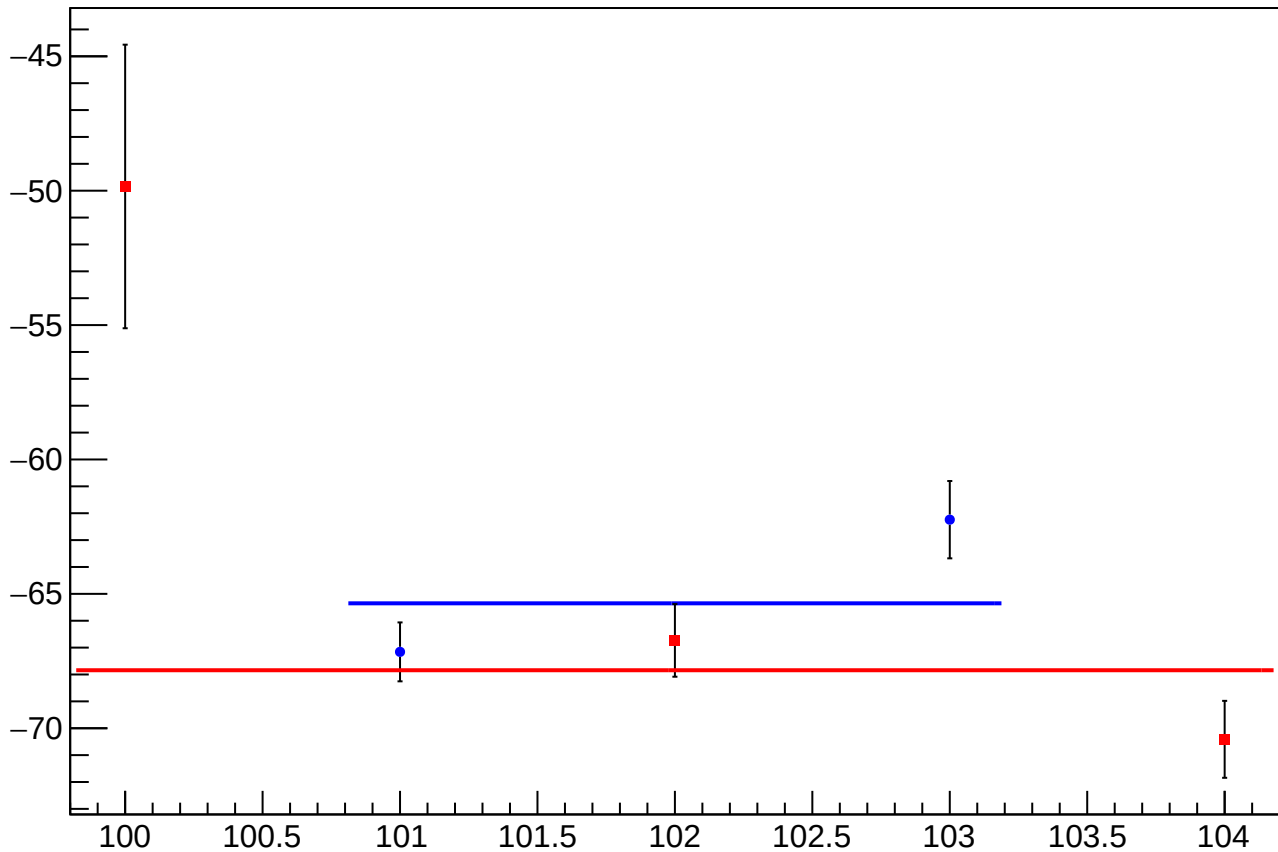
Right: -38.538+/-0.732 χ^2/NDF : 660.9/4

In: -37.035+/-0.982 χ^2/NDF : 383.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.538+/-0.732 χ^2/NDF : 660.9/4

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: -67.842 $\pm$ 0.966 χ^2 /NDF: 15.5/2

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

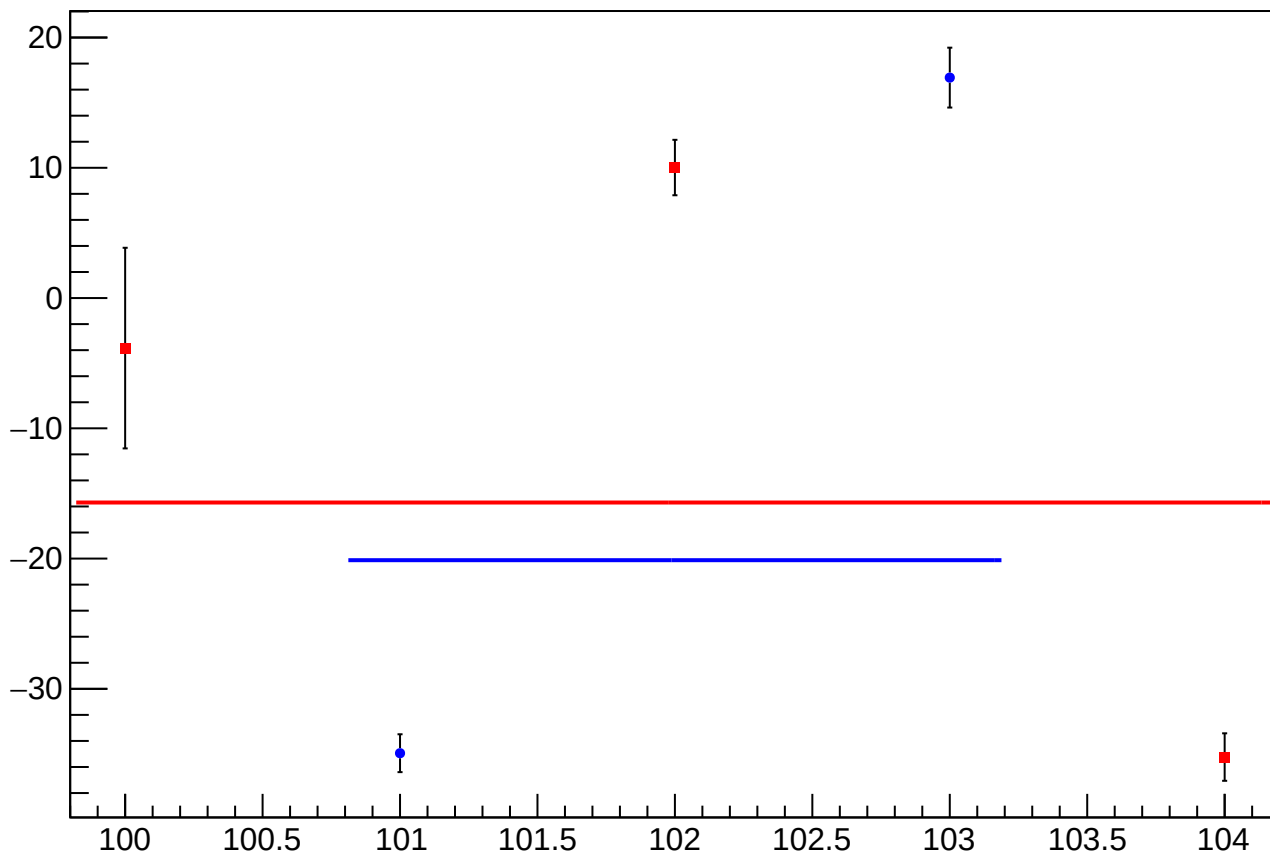
Right: -66.470 $\pm$ 0.647 χ^2 /NDF: 26.6/4

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: -66.470 $\pm$ 0.647 χ^2 /NDF: 26.6/4

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: -15.696+/-1.362 χ^2/NDF : 263.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

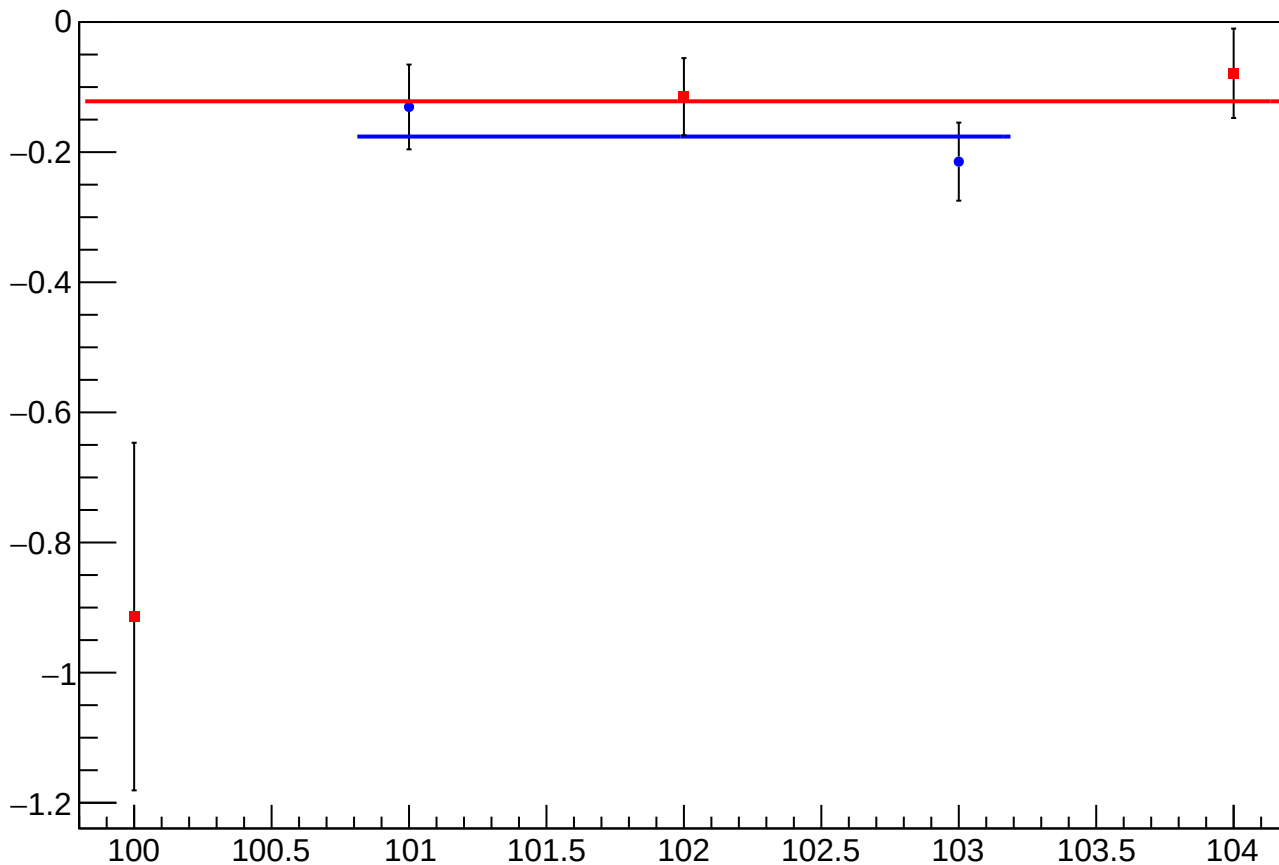
Right: -18.138+/-0.912 χ^2/NDF : 633.0/4

In: -20.124+/-1.228 χ^2/NDF : 363.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.138+/-0.912 χ^2/NDF : 633.0/4

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.176 ± 0.044 $\chi^2/\text{NDF}: 0.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.122 ± 0.044 $\chi^2/\text{NDF}: 9.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

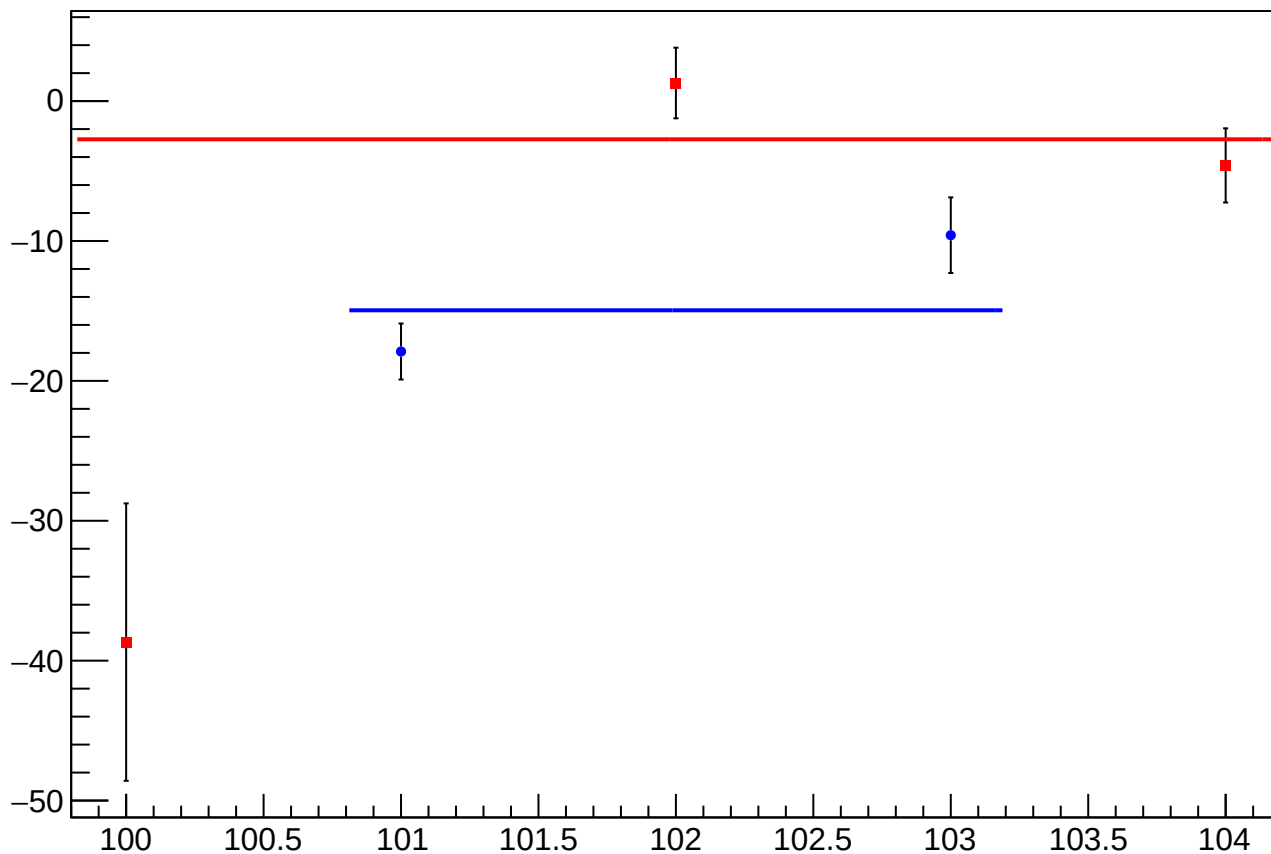
Right: -0.149 ± 0.031 $\chi^2/\text{NDF}: 10.8/4$

In: -0.176 ± 0.044 $\chi^2/\text{NDF}: 0.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.149 ± 0.031 $\chi^2/\text{NDF}: 10.8/4$

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.954 $\pm$ 1.609 χ^2 /NDF: 6.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.731 $\pm$ 1.798 χ^2 /NDF: 16.2/2

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

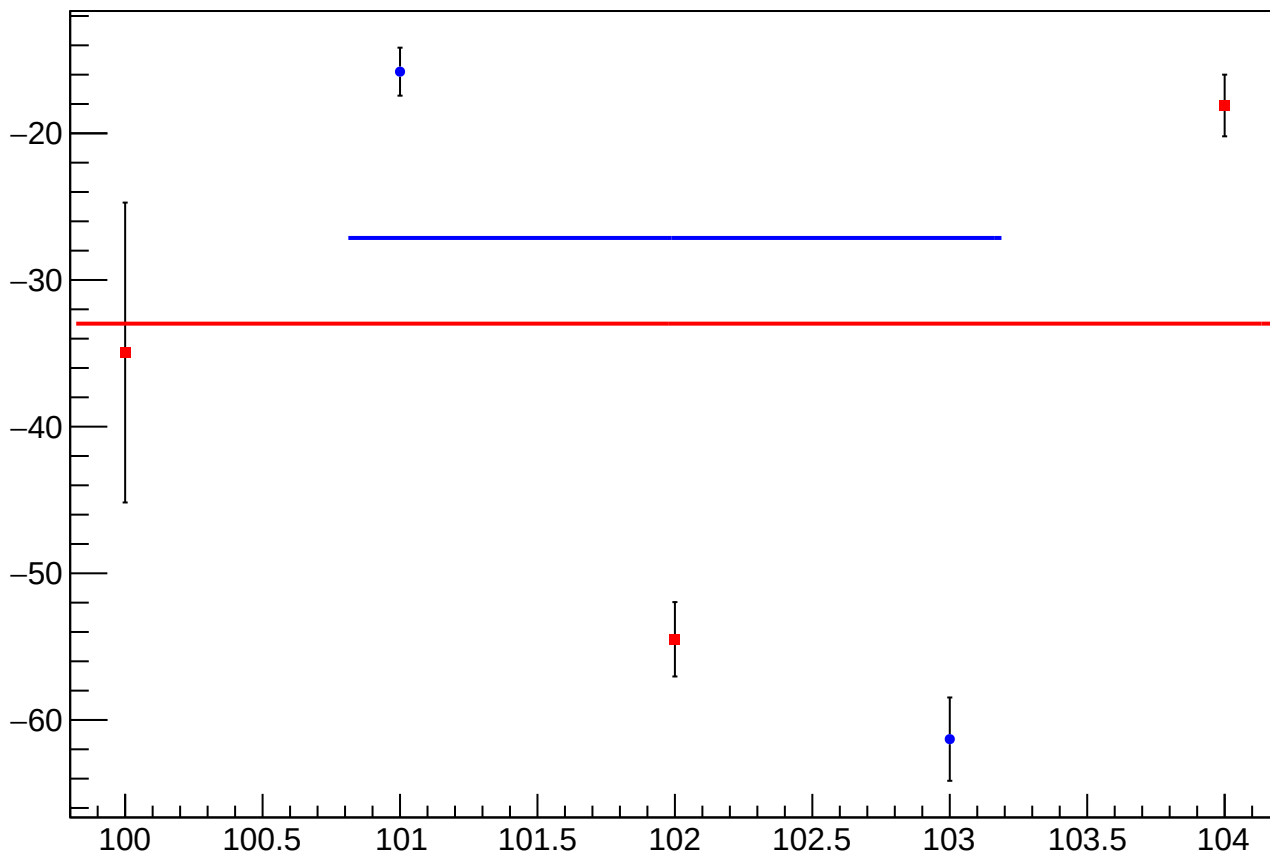
Right: -9.518 $\pm$ 1.199 χ^2 /NDF: 47.9/4

In: -14.954 $\pm$ 1.609 χ^2 /NDF: 6.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.518 $\pm$ 1.199 χ^2 /NDF: 47.9/4

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: -32.976+/-1.599 χ^2/NDF : 122.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

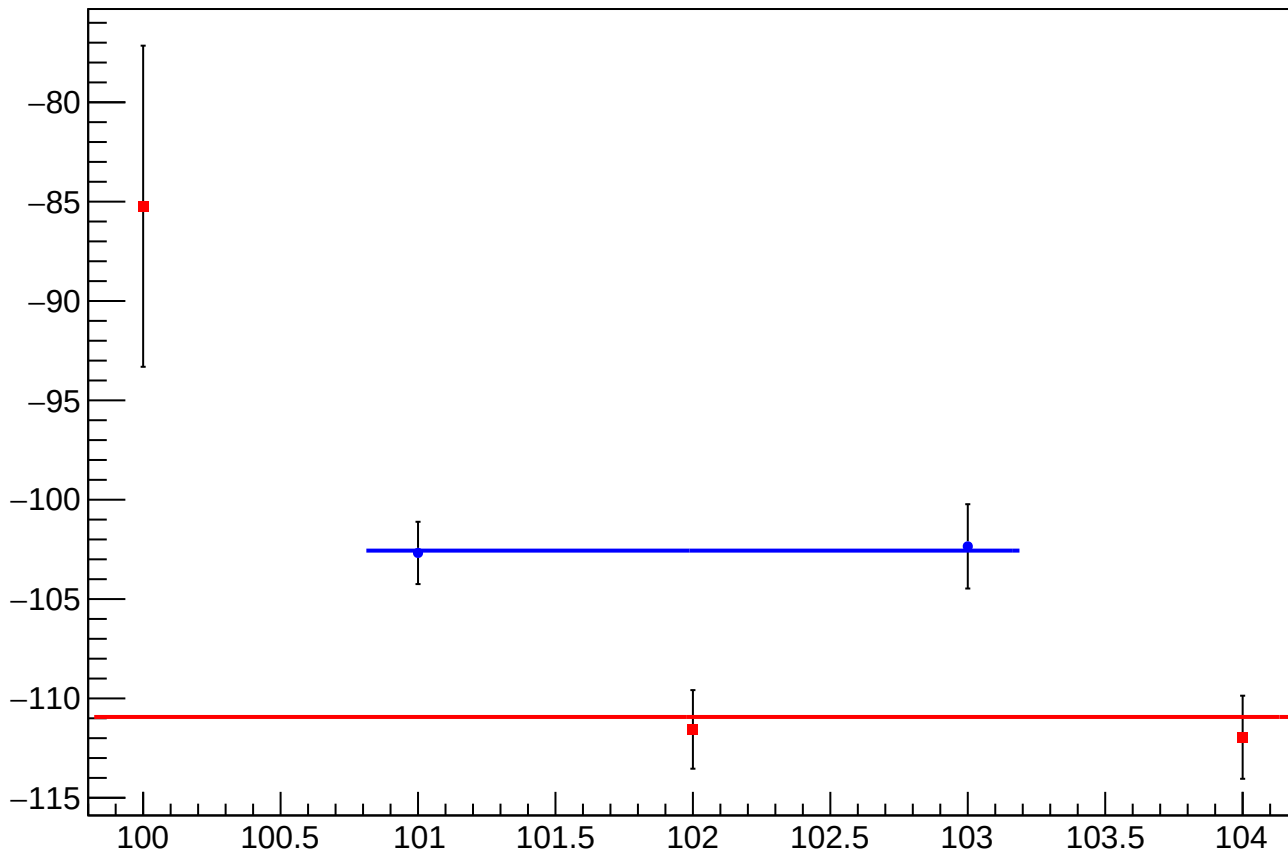
Right: -29.706+/-1.061 χ^2/NDF : 322.3/4

In: -27.134+/-1.418 χ^2/NDF : 192.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.706+/-1.061 χ^2/NDF : 322.3/4

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.562 $\pm$ 1.261 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -110.933 $\pm$ 1.415 χ^2 /NDF: 10.5/2

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

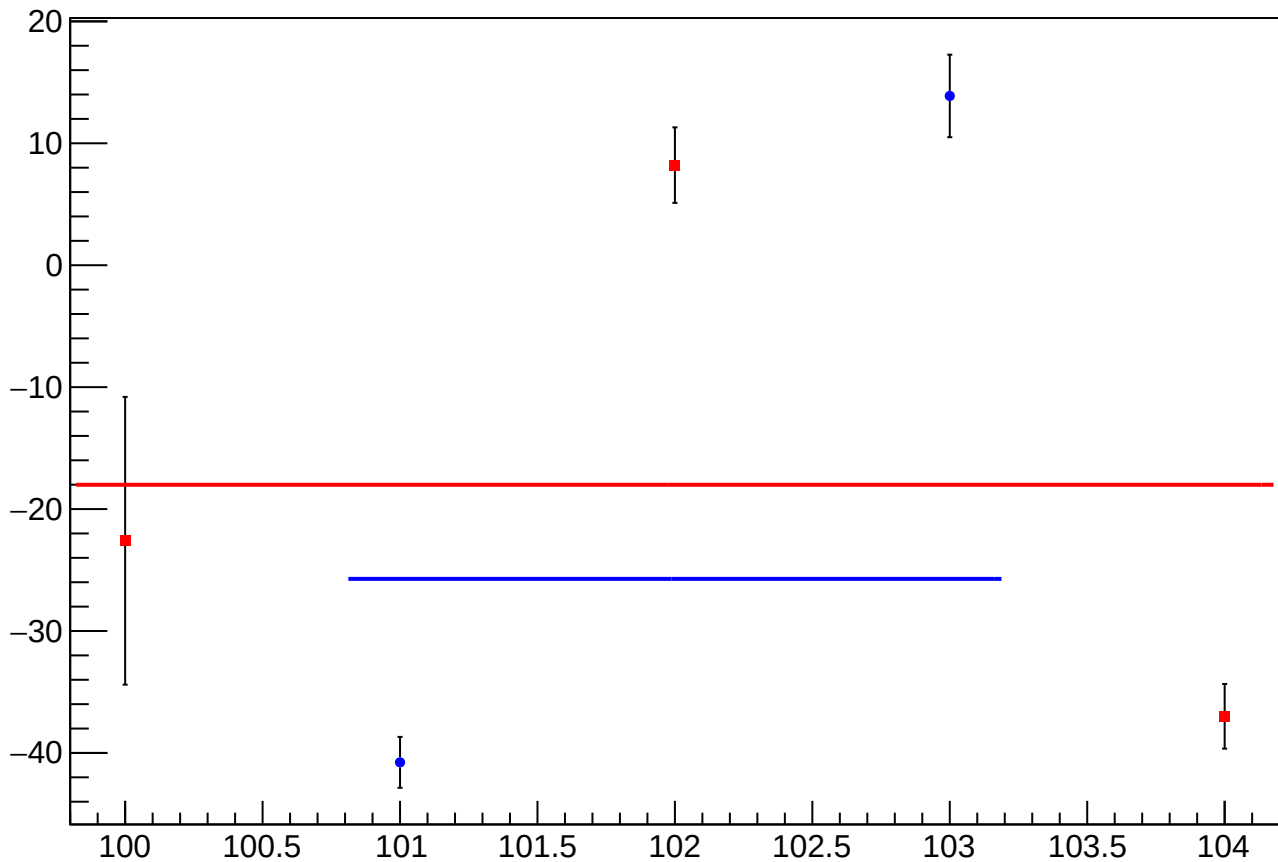
Right: -106.267 $\pm$ 0.941 χ^2 /NDF: 30.0/4

In: -102.562 $\pm$ 1.261 χ^2 /NDF:0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -106.267 $\pm$ 0.941 χ^2 /NDF: 30.0/4

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -25.725 $\pm$ -1.776 χ^2/NDF : 188.9/1

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Right Out: -18.006 $\pm$ -1.985 χ^2/NDF : 123.1/2

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

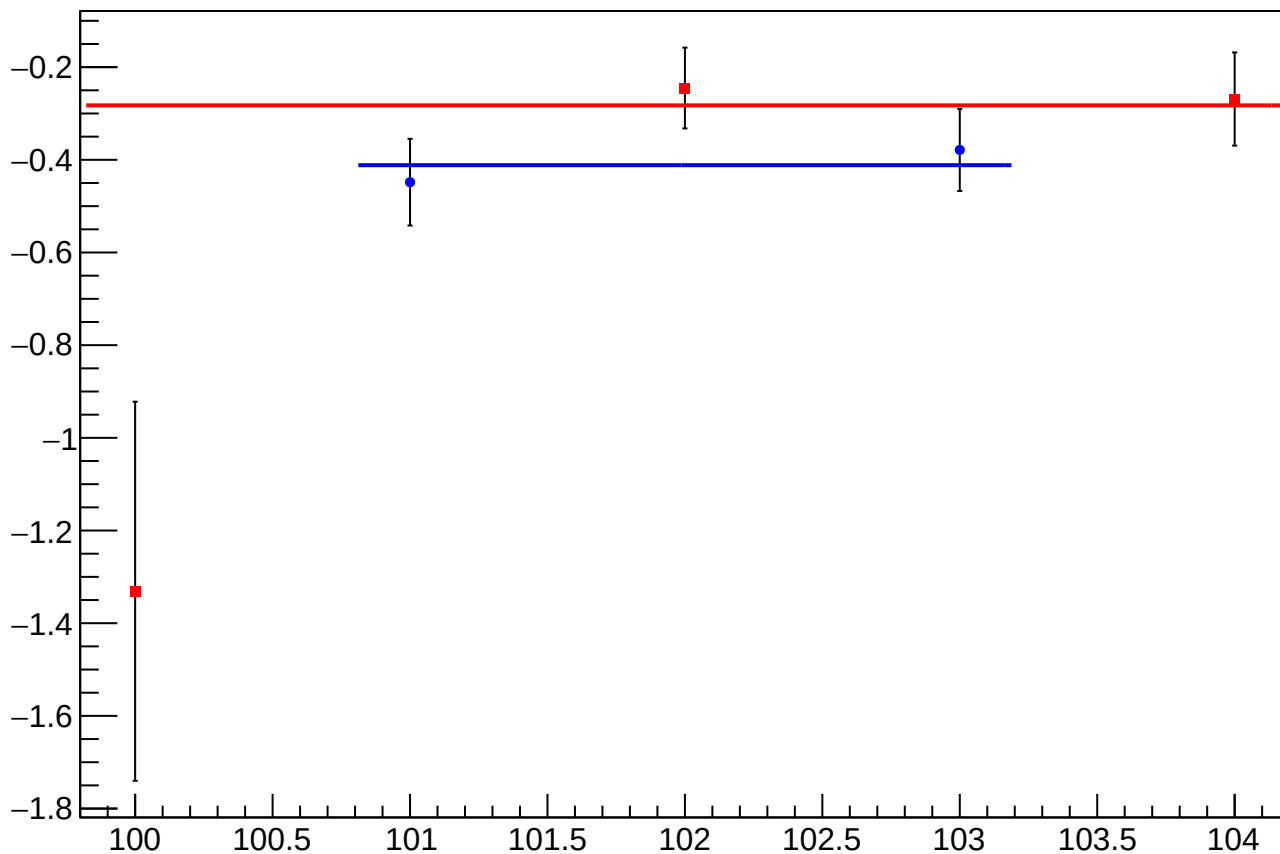
Right: -22.293 $\pm$ -1.324 χ^2/NDF : 320.4/4

In: -25.725 $\pm$ -1.776 χ^2/NDF :188.9/1

Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

All: -22.293 $\pm$ -1.324 χ^2/NDF : 320.4/4

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.412 $\pm$ 0.064 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.282 $\pm$ 0.065 χ^2 /NDF: 6.8/2

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

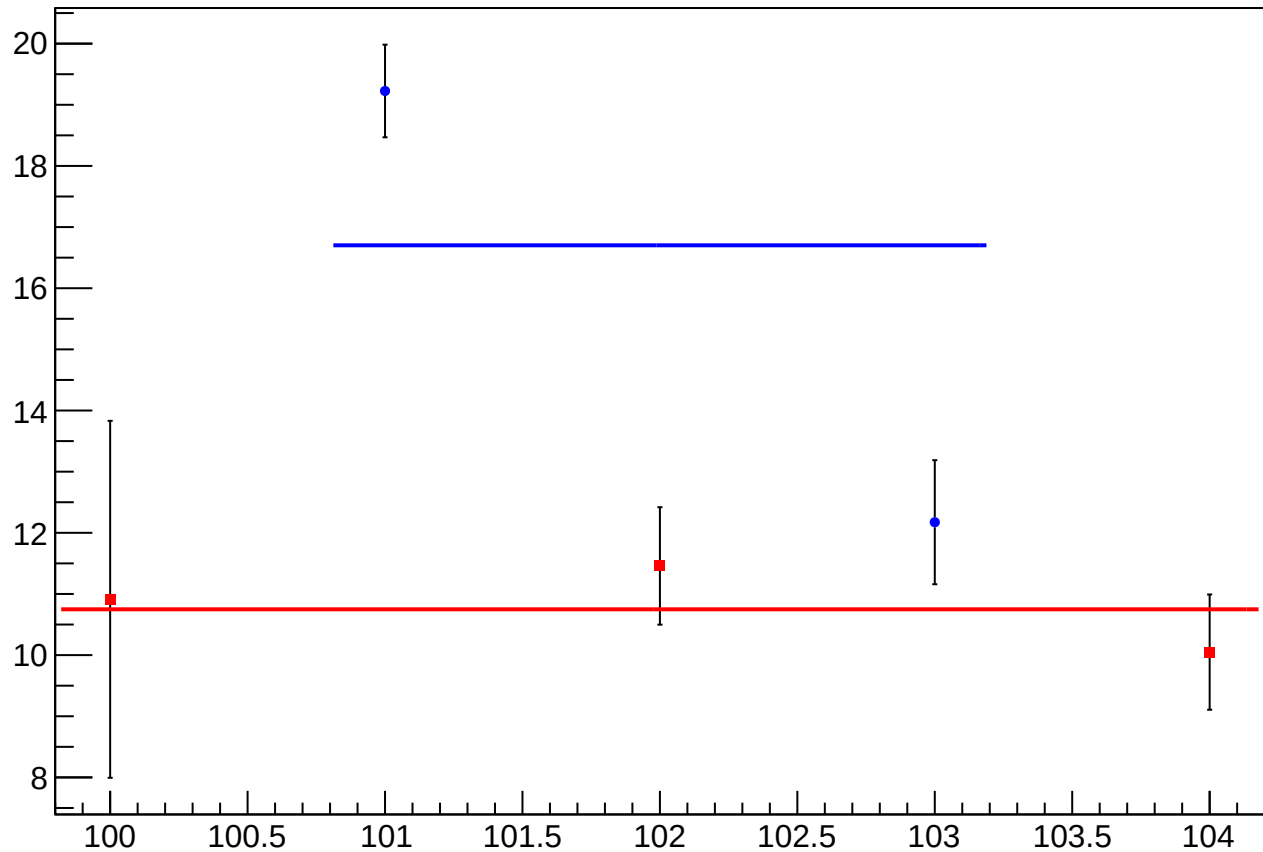
Right: -0.348 $\pm$ 0.046 χ^2 /NDF: 9.1/4

In: -0.412 $\pm$ 0.064 χ^2 /NDF:0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.348 $\pm$ 0.046 χ^2 /NDF: 9.1/4

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: 10.749 $\pm$ 0.656 χ^2 /NDF: 1.1/2

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

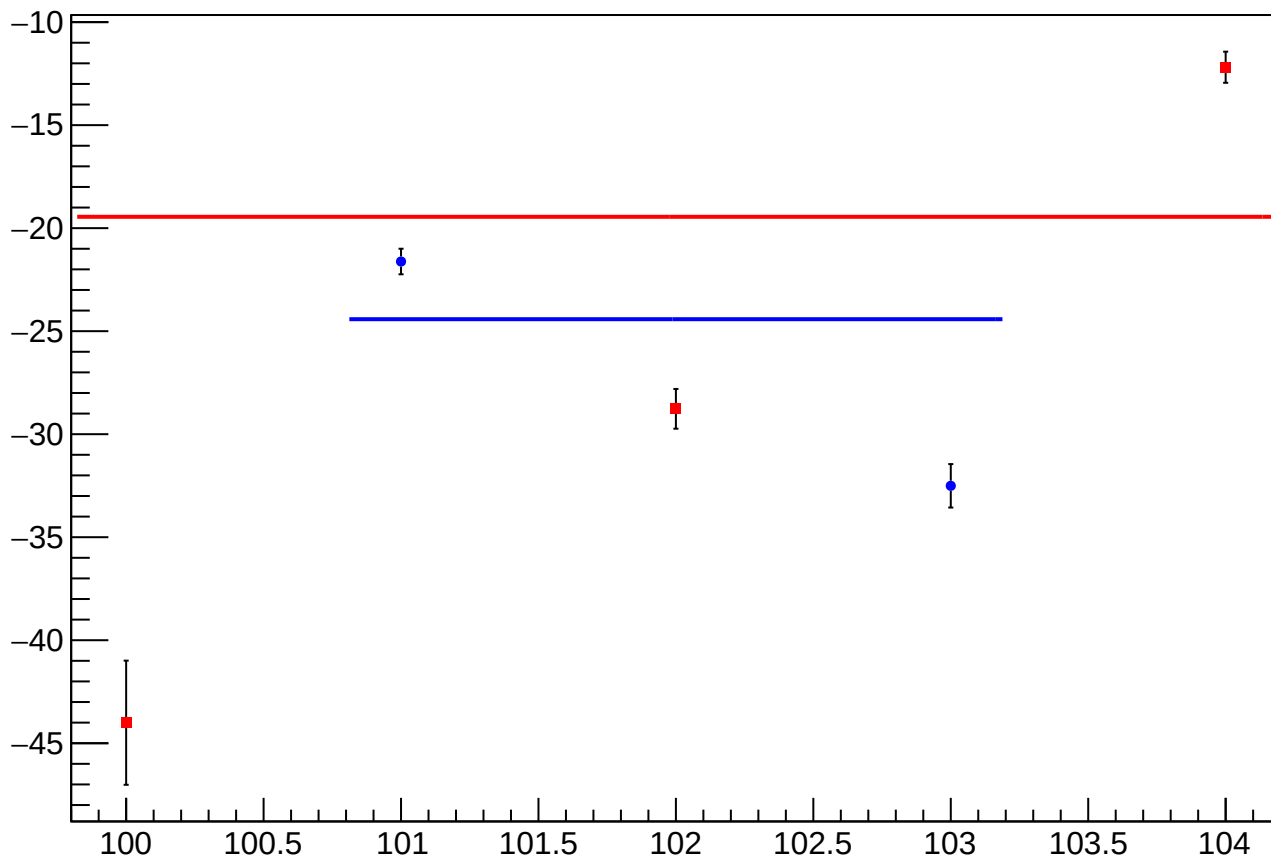
Right: 13.954 $\pm$ 0.445 χ^2 /NDF: 76.5/4

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: 13.954 $\pm$ 0.445 χ^2 /NDF: 76.5/4

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -24.419 $\pm$ 0.535 χ^2 /NDF: 79.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.448 $\pm$ 0.583 χ^2 /NDF: 252.3/2

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

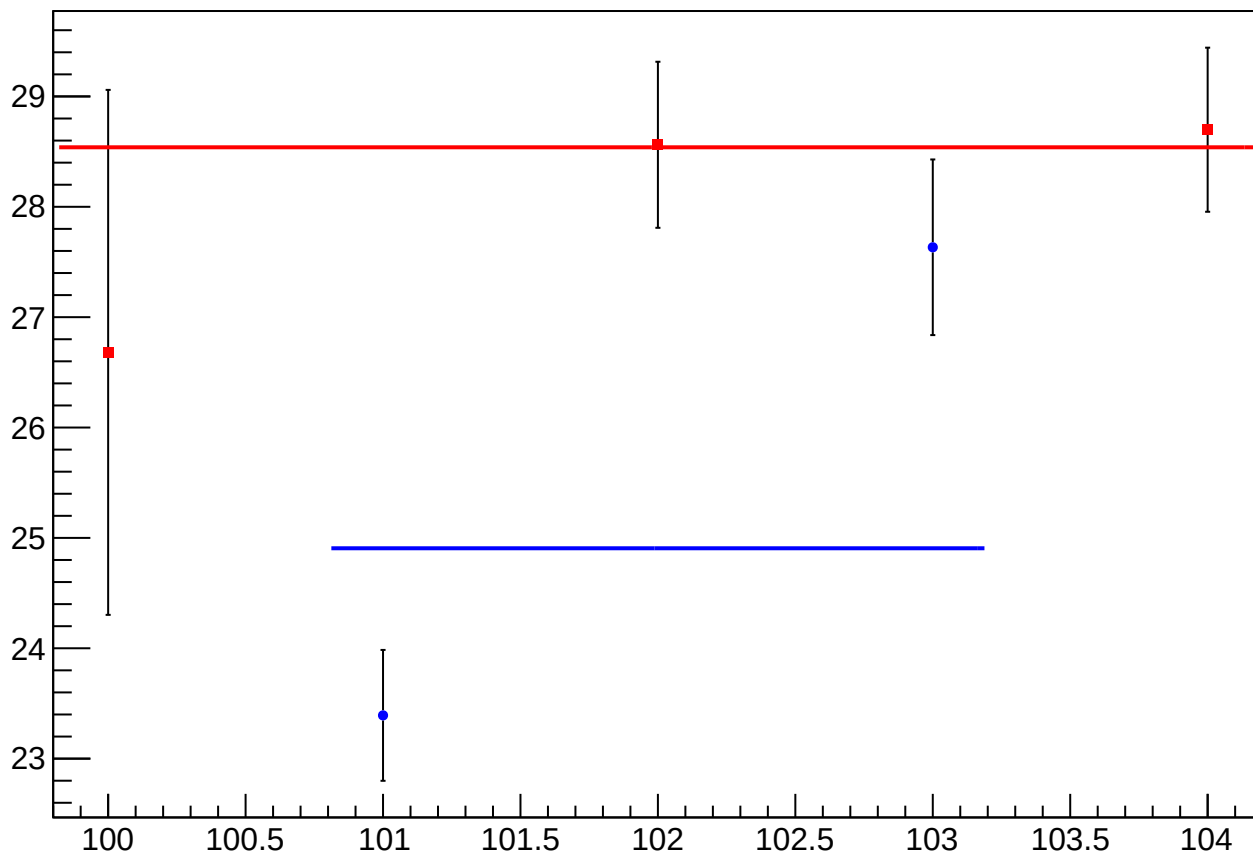
Right: -22.148 $\pm$ 0.394 χ^2 /NDF: 370.9/4

In: -24.419 $\pm$ 0.535 χ^2 /NDF: 79.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.148 $\pm$ 0.394 χ^2 /NDF: 370.9/4

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: 28.539 $\pm$ 0.516 χ^2 /NDF: 0.7/2

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

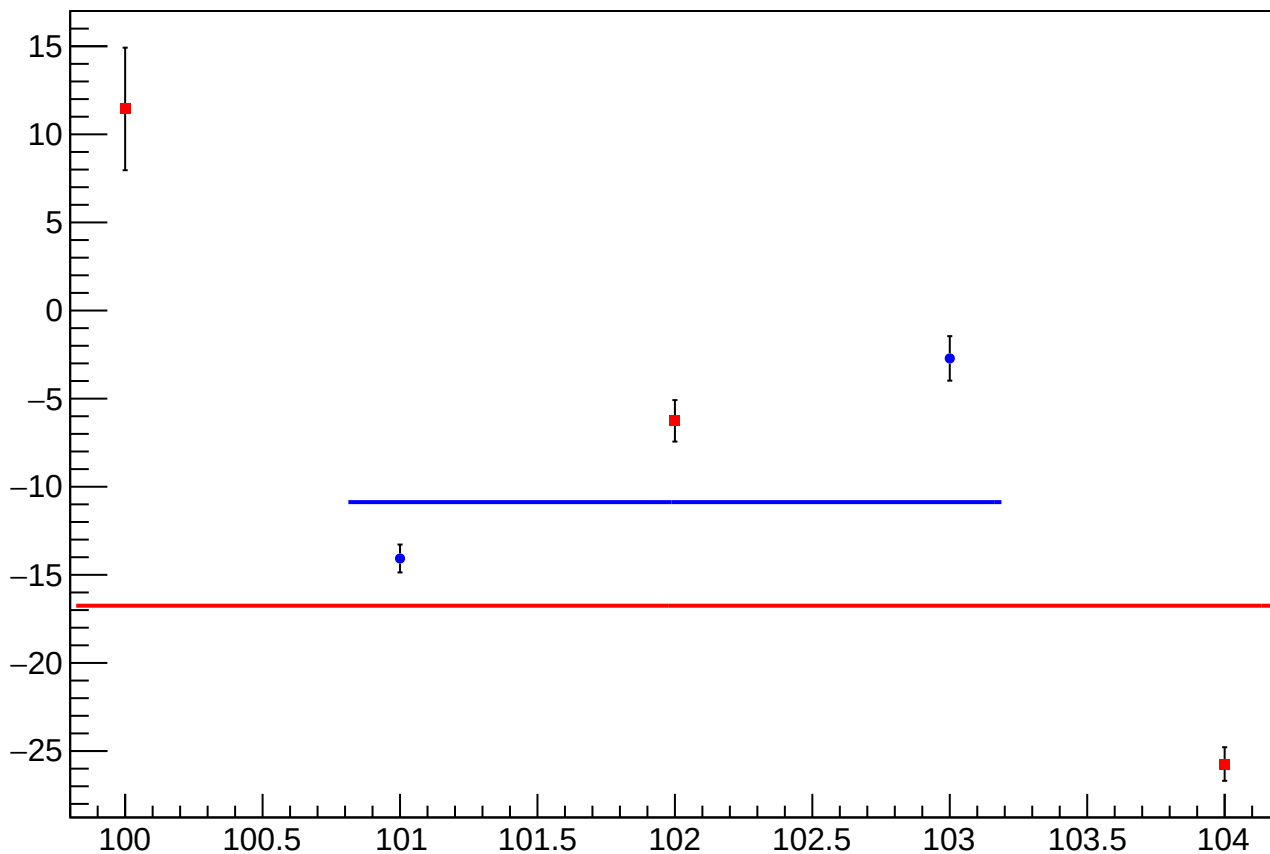
Right: 26.573 $\pm$ 0.350 χ^2 /NDF: 45.7/4

In: 24.906 $\pm$ 0.475 χ^2 /NDF: 18.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.573 $\pm$ 0.350 χ^2 /NDF: 45.7/4

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.873+/-0.670 χ^2/NDF : 58.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.751+/-0.724 χ^2/NDF : 234.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

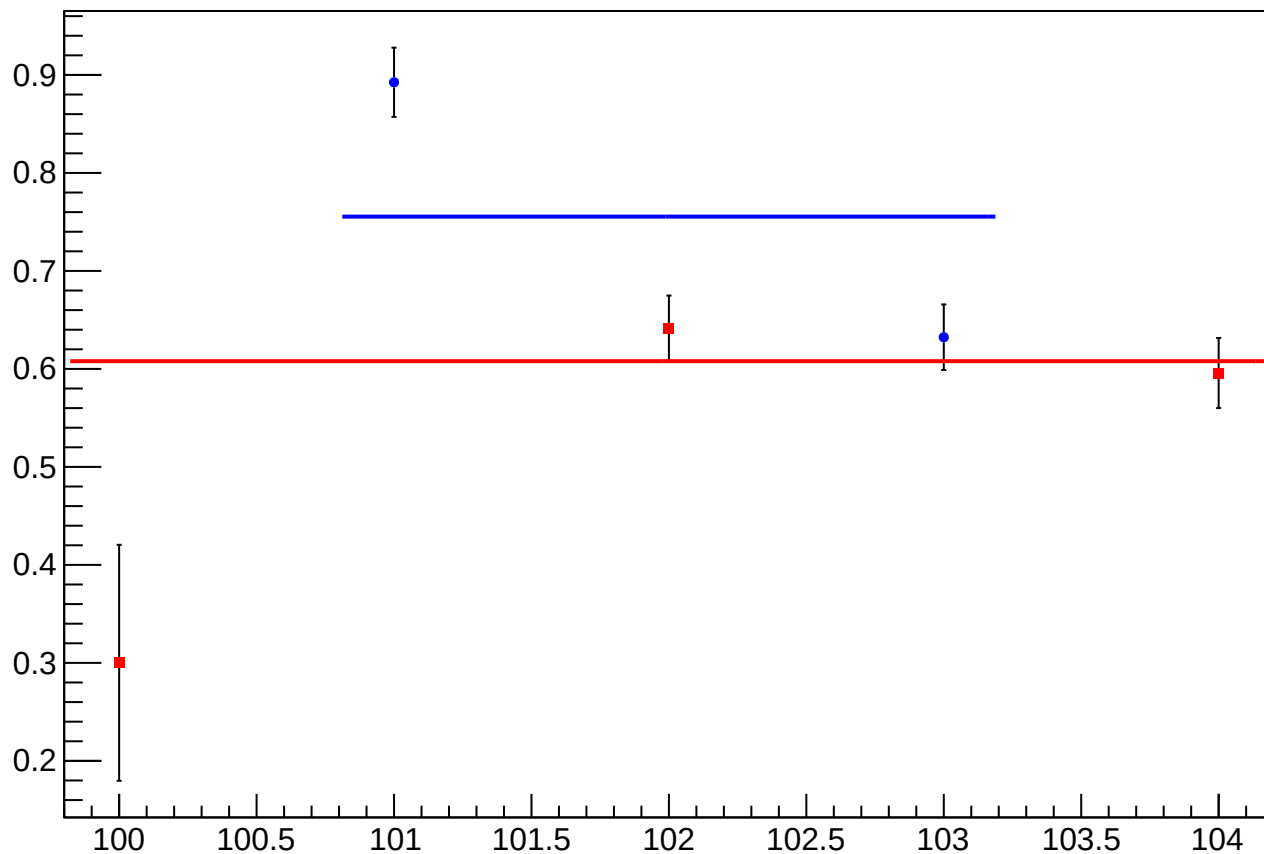
Right: -13.585+/-0.492 χ^2/NDF : 327.5/4

In: -10.873+/-0.670 χ^2/NDF : 58.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.585+/-0.492 χ^2/NDF : 327.5/4

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: 0.608+/-0.024 χ^2/NDF : 7.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

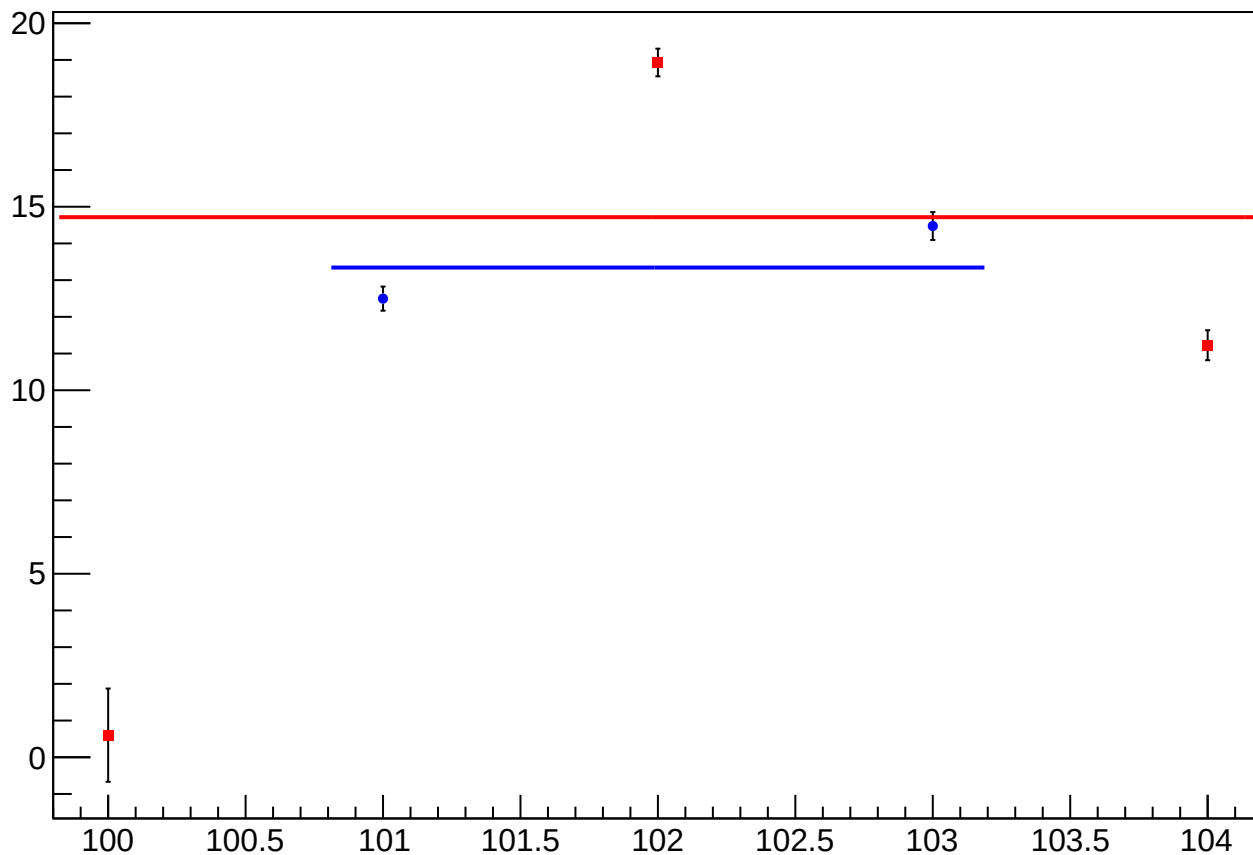
Right: 0.680+/-0.017 χ^2/NDF : 55.1/4

In: 0.755+/-0.024 χ^2/NDF : 28.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.680+/-0.017 χ^2/NDF : 55.1/4

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.343+/-0.249 χ^2/NDF : 15.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.715+/-0.271 χ^2/NDF : 321.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

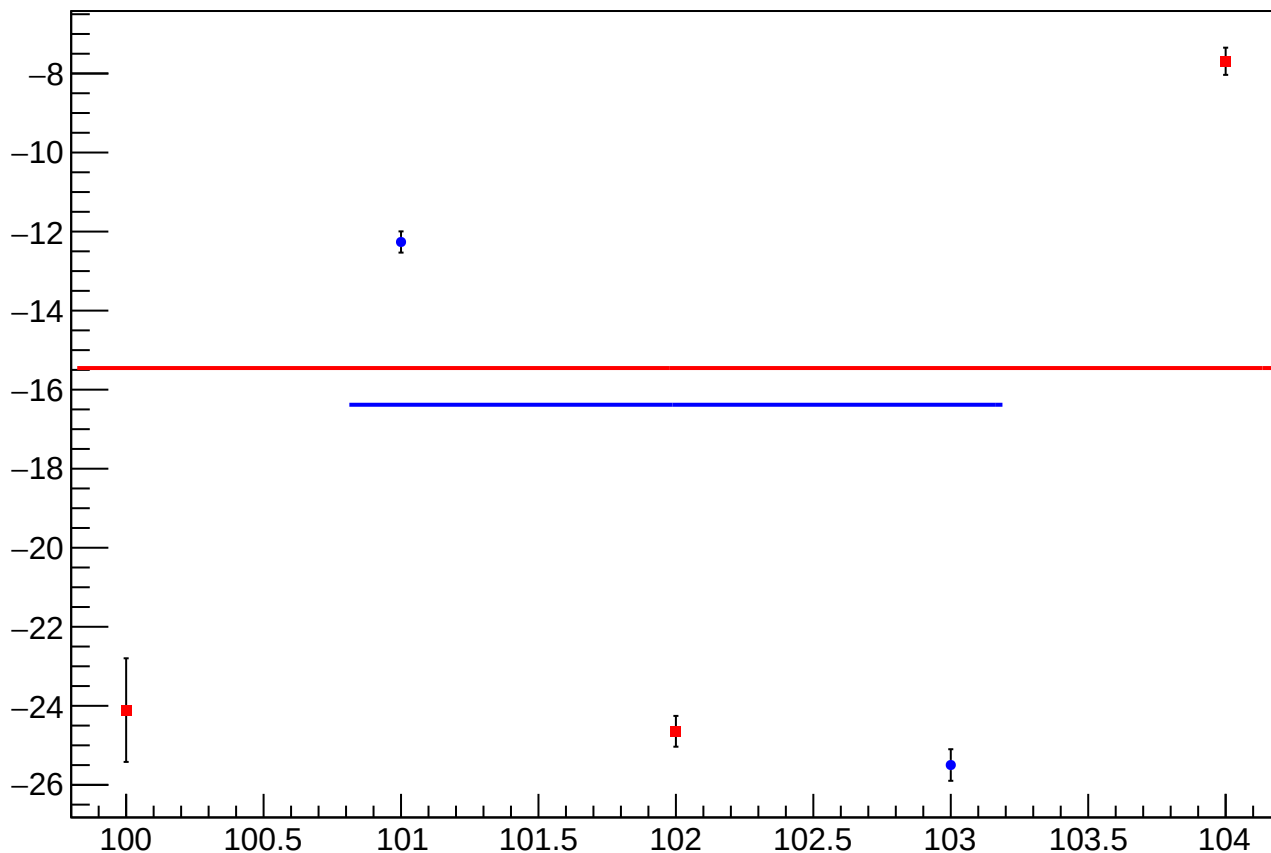
Right: 13.971+/-0.183 χ^2/NDF : 350.8/4

In: 13.343+/-0.249 χ^2/NDF : 15.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.971+/-0.183 χ^2/NDF : 350.8/4

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: -15.453 $\pm$ 0.253 χ^2 /NDF: 1109.2/2

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

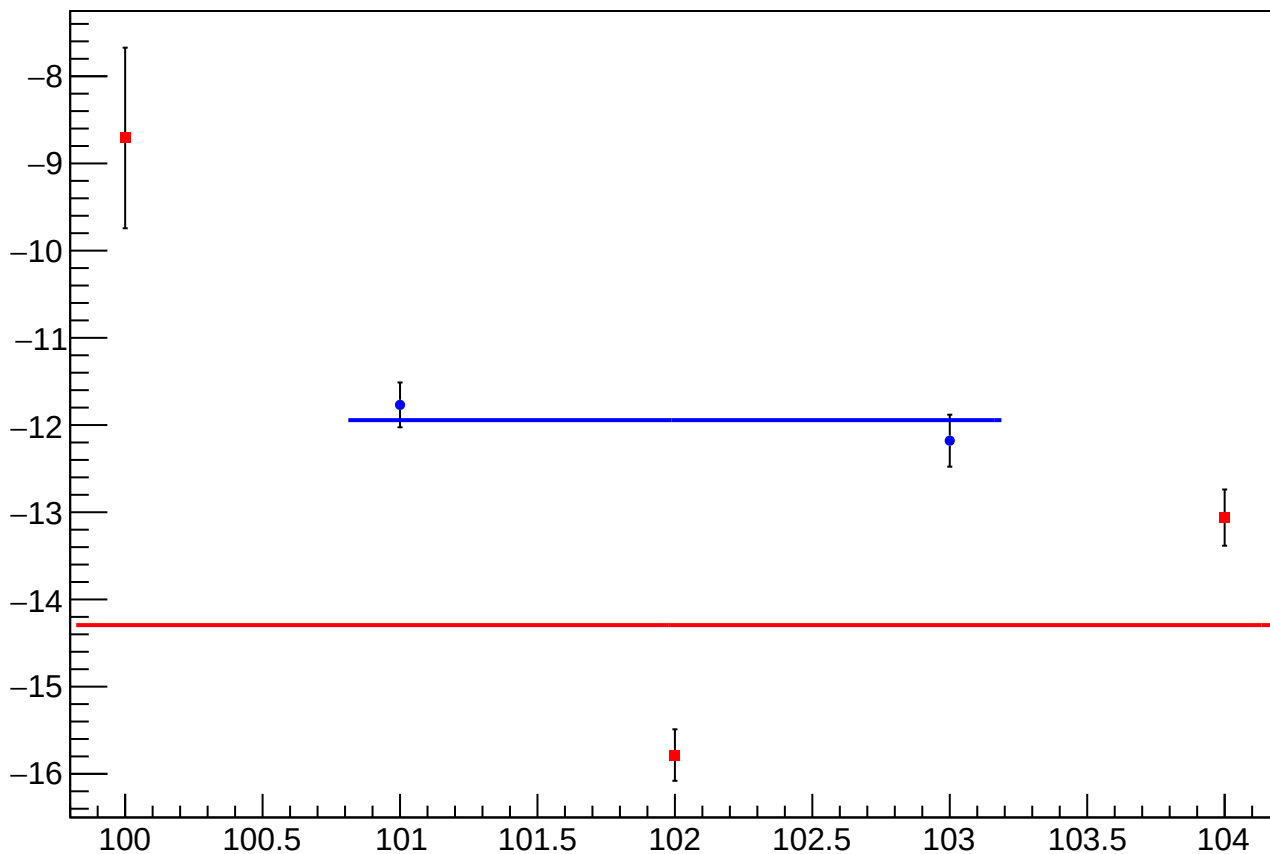
Right: -15.976 $\pm$ 0.167 χ^2 /NDF: 1872.6/4

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: -15.976 $\pm$ 0.167 χ^2 /NDF: 1872.6/4

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: -14.294+/-0.213 χ^2/NDF : 69.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

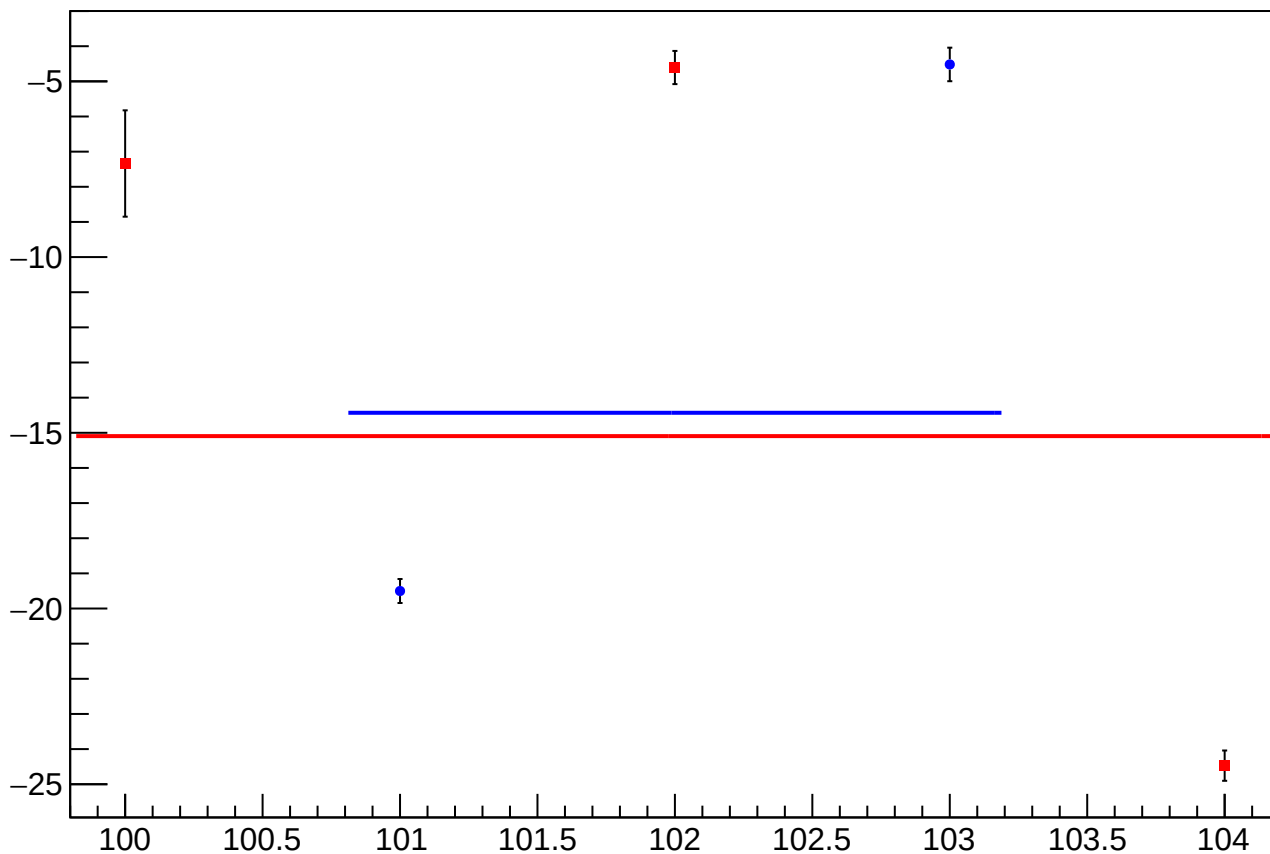
Right: -13.013+/-0.144 χ^2/NDF : 136.6/4

In: -11.944+/-0.195 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.013+/-0.144 χ^2/NDF : 136.6/4

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.430 $\pm$ 0.278 χ^2 /NDF: 652.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.094 $\pm$ 0.311 χ^2 /NDF: 993.3/2

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

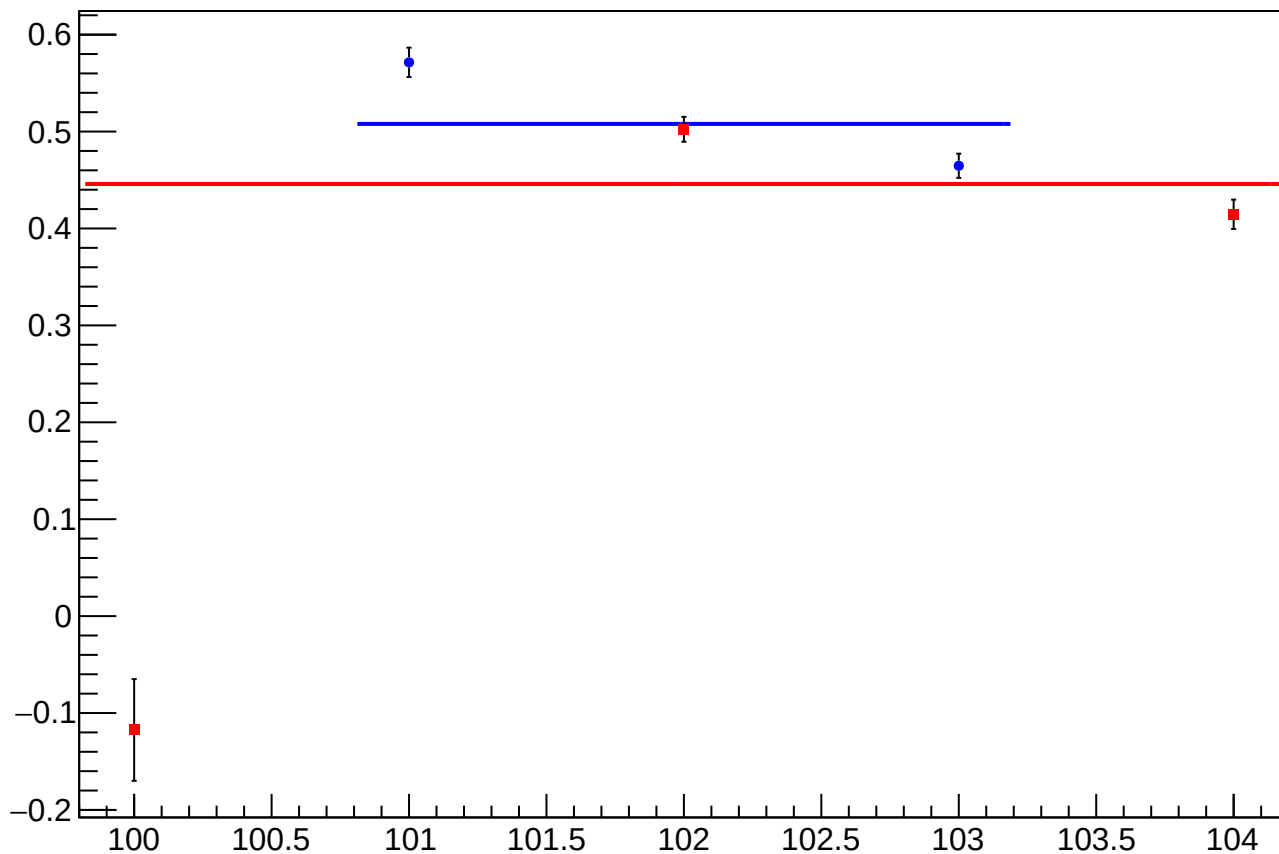
Right: -14.724 $\pm$ 0.207 χ^2 /NDF: 1648.0/4

In: -14.430 $\pm$ 0.278 χ^2 /NDF: 652.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.724 $\pm$ 0.207 χ^2 /NDF: 1648.0/4

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: 0.446 $\pm$ 0.010 χ^2 /NDF: 138.9/2

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

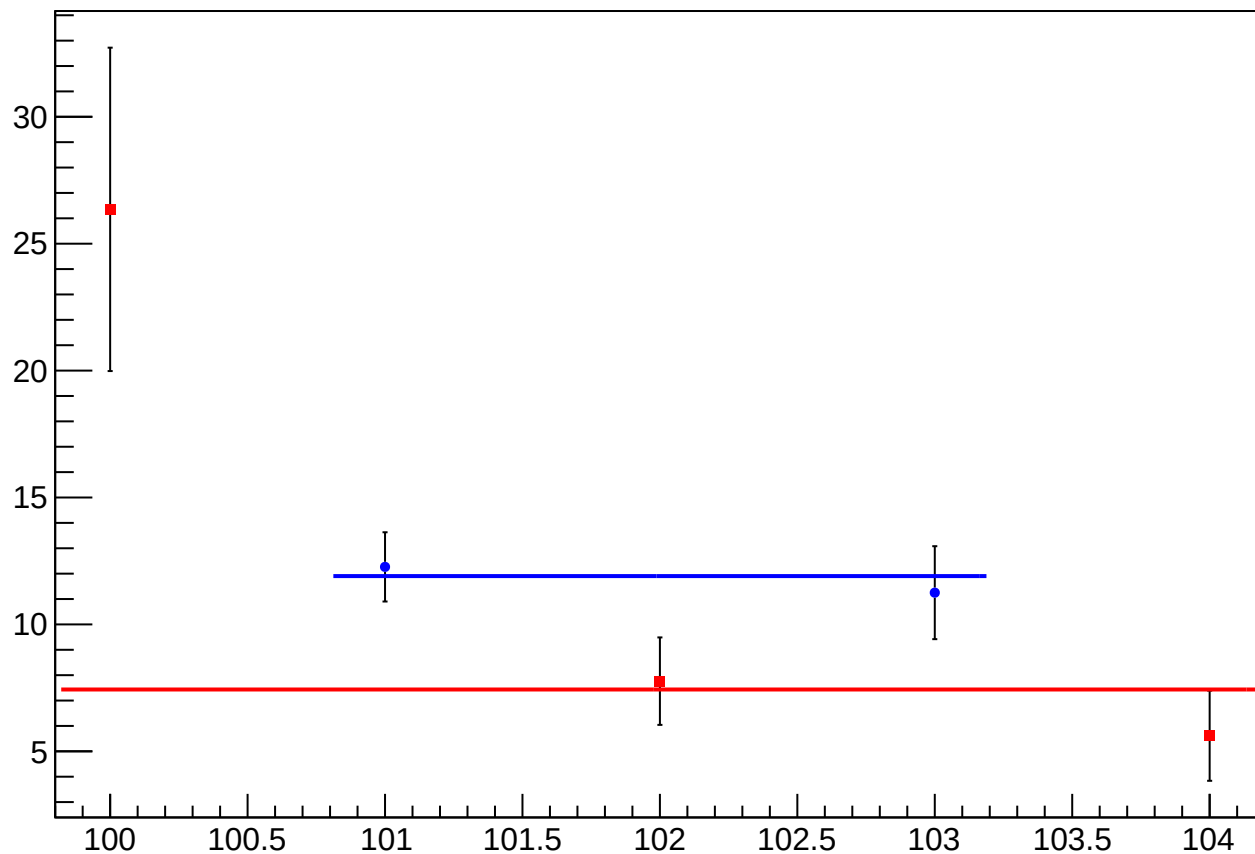
Right: 0.477 $\pm$ 0.007 χ^2 /NDF: 189.2/4

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: 0.477 $\pm$ 0.007 χ^2 /NDF: 189.2/4

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: 7.436 $\pm$ 1.214 χ^2 /NDF: 9.9/2

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

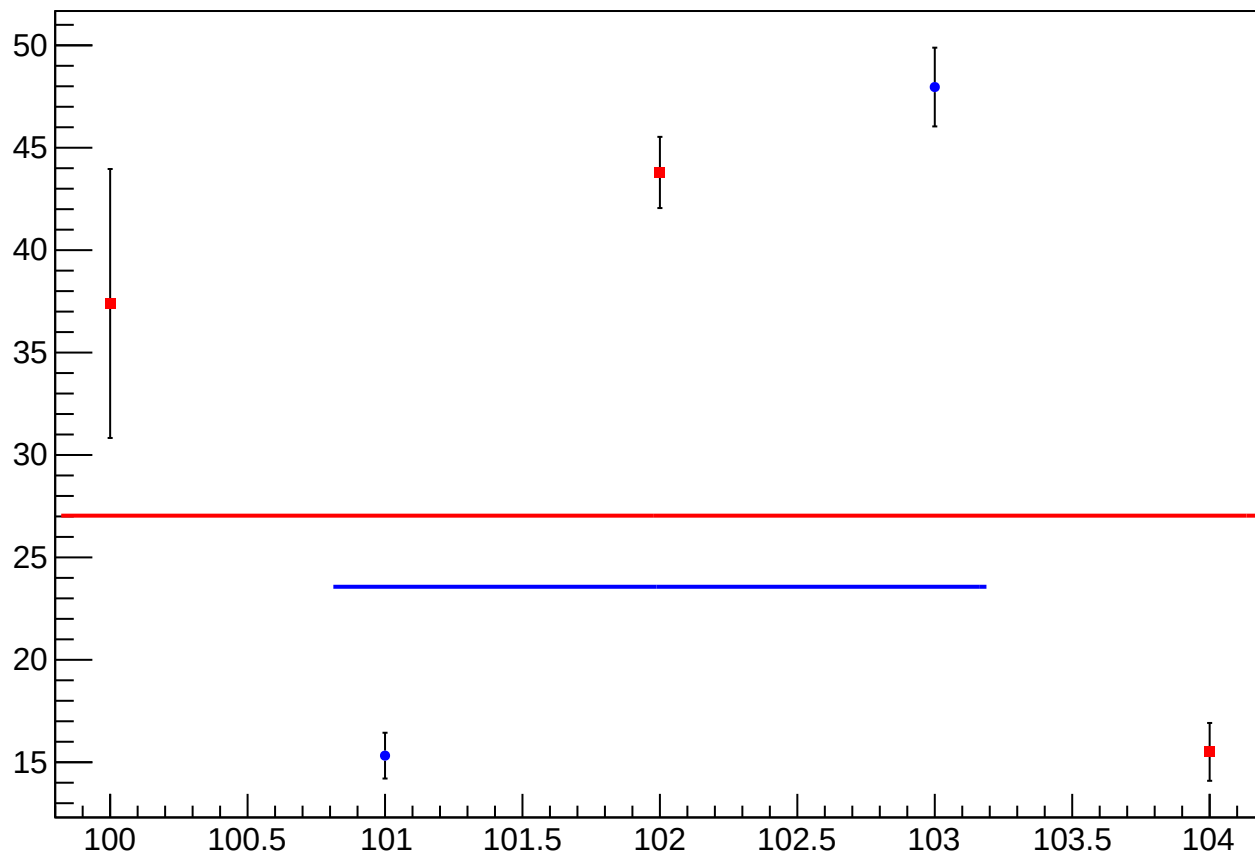
Right: 9.902 $\pm$ 0.813 χ^2 /NDF: 17.6/4

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: 9.902 $\pm$ 0.813 χ^2 /NDF: 17.6/4

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 23.567 $\pm$ 0.966 χ^2 /NDF: 215.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.038 $\pm$ 1.081 χ^2 /NDF: 162.2/2

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

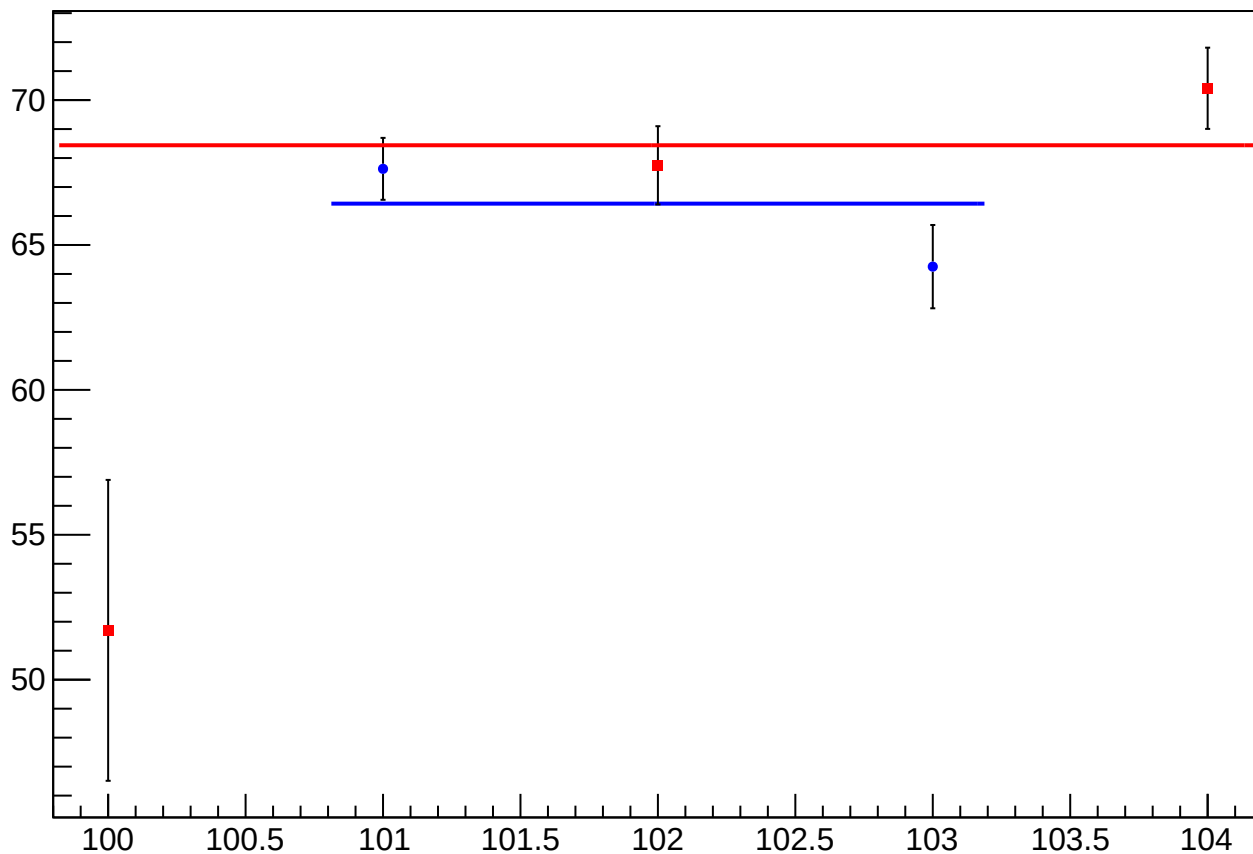
Right: 25.108 $\pm$ 0.720 χ^2 /NDF: 383.4/4

In: 23.567 $\pm$ 0.966 χ^2 /NDF: 215.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.108 $\pm$ 0.720 χ^2 /NDF: 383.4/4

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: 68.441 $\pm$ 0.956 χ^2 /NDF: 12.6/2

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

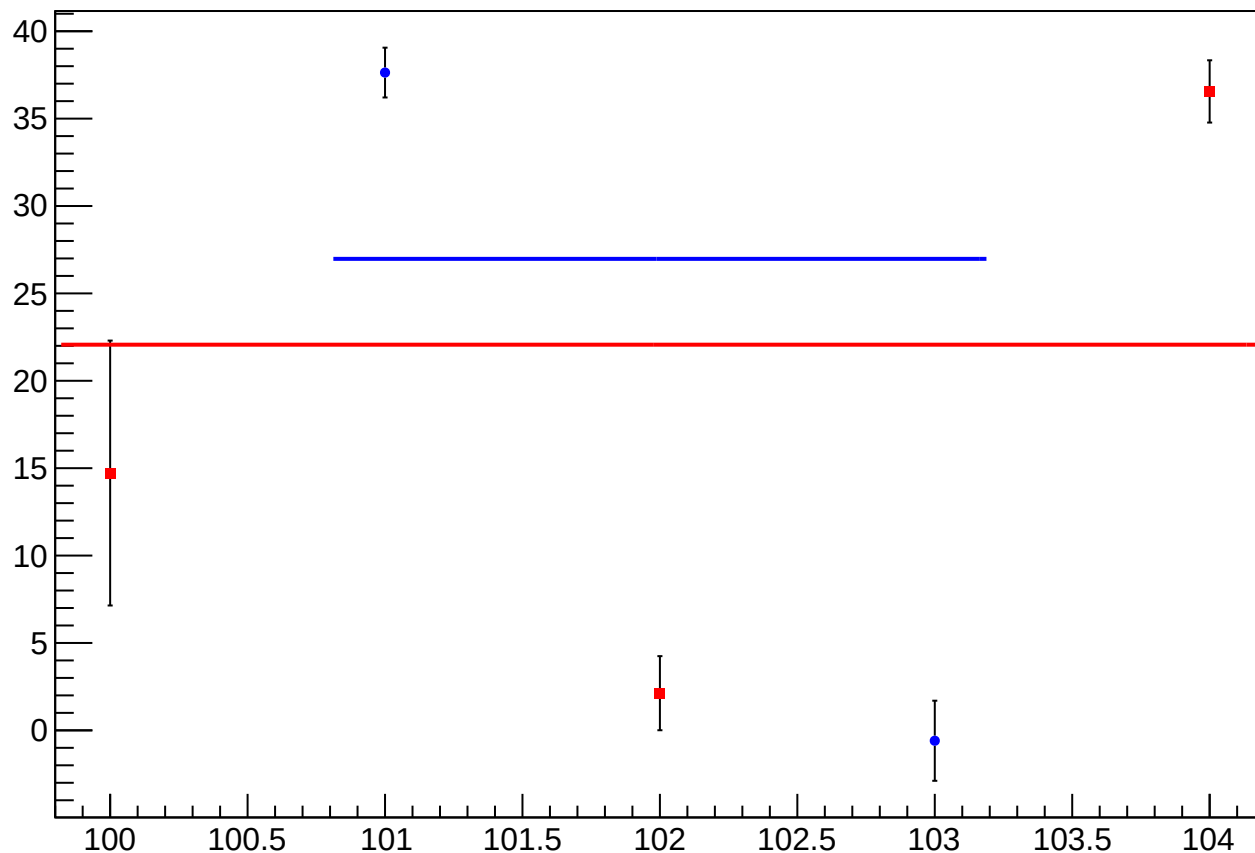
Right: 67.325 $\pm$ 0.638 χ^2 /NDF: 18.6/4

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: 67.325 $\pm$ 0.638 χ^2 /NDF: 18.6/4

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.976 ± 1.210 $\chi^2/\text{NDF}: 200.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.066 ± 1.342 $\chi^2/\text{NDF}: 155.6/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

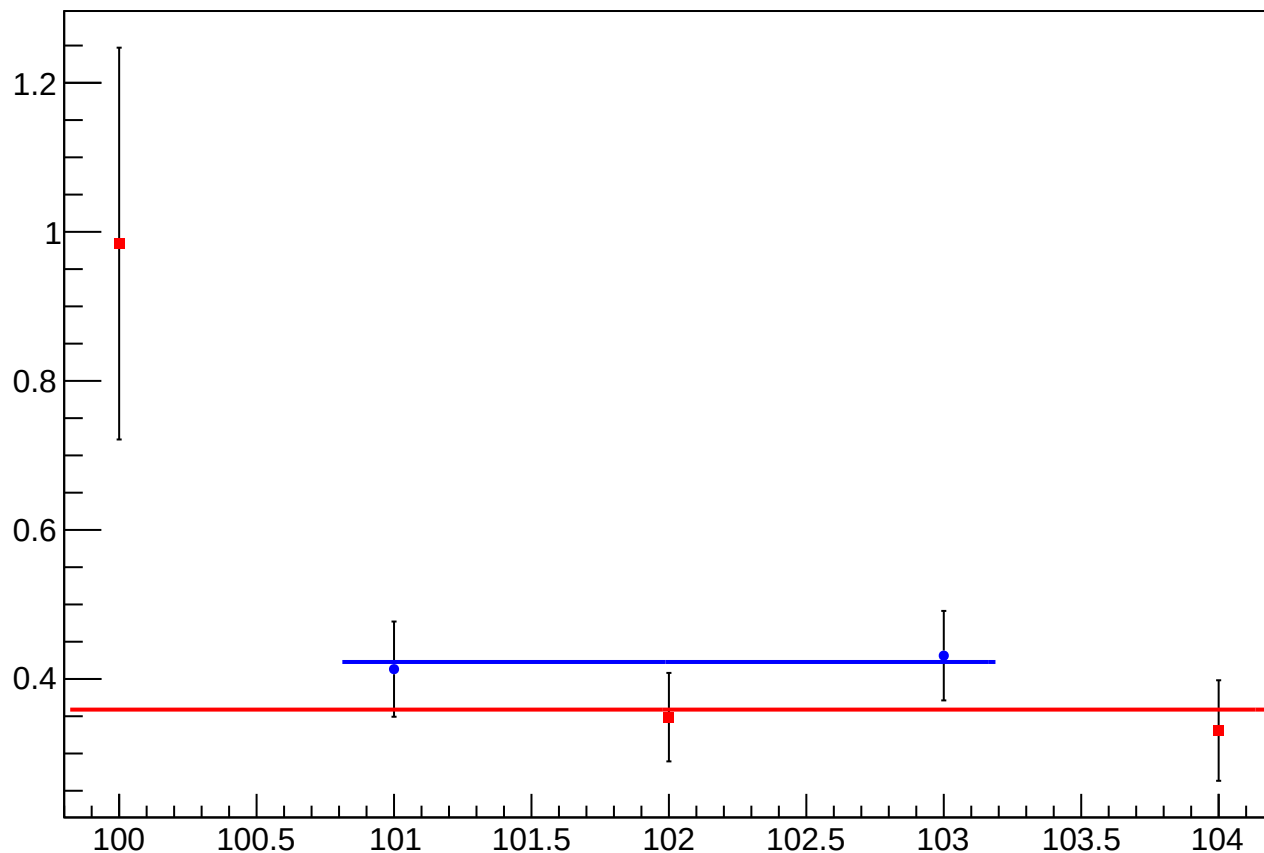
Right: 24.775 ± 0.899 $\chi^2/\text{NDF}: 363.7/4$

In: 26.976 ± 1.210 $\chi^2/\text{NDF}: 200.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 24.775 ± 0.899 $\chi^2/\text{NDF}: 363.7/4$

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: 0.359+/-0.044 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

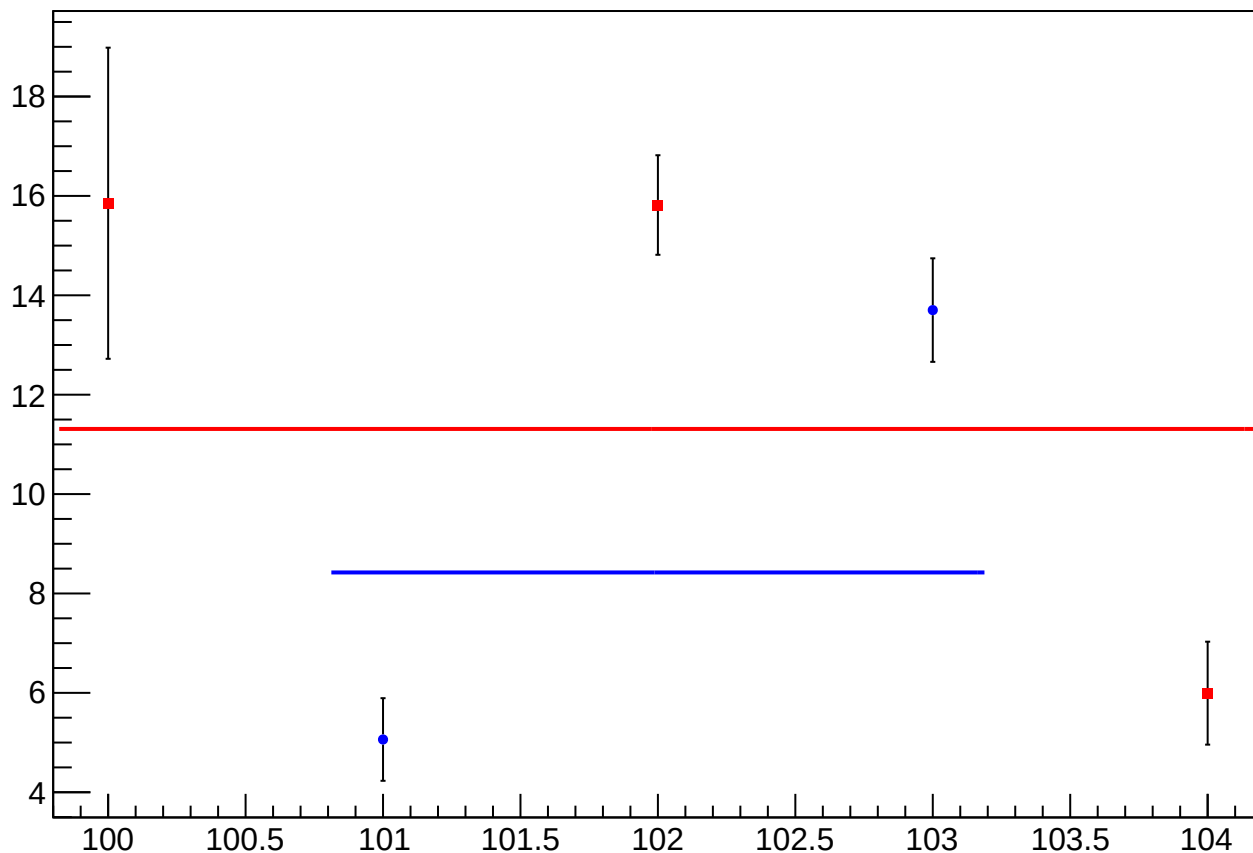
Right: 0.391+/-0.031 χ^2/NDF : 7.0/4

In: 0.423+/-0.044 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.391+/-0.031 χ^2/NDF : 7.0/4

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: 11.311+/-0.702 χ^2/NDF : 48.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

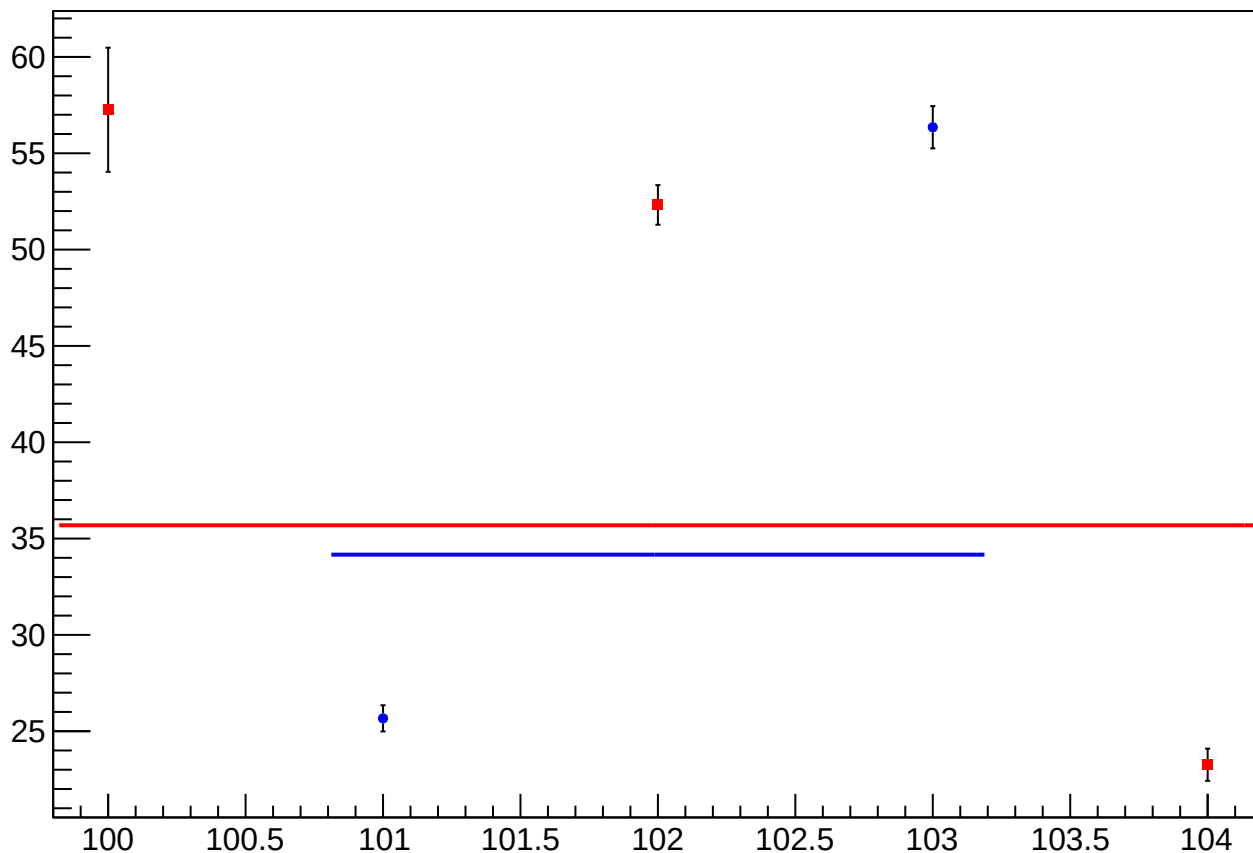
Right: 9.756+/-0.477 χ^2/NDF : 99.8/4

In: 8.423+/-0.650 χ^2/NDF : 42.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.756+/-0.477 χ^2/NDF : 99.8/4

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: 35.689+/-0.635 χ^2/NDF : 528.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

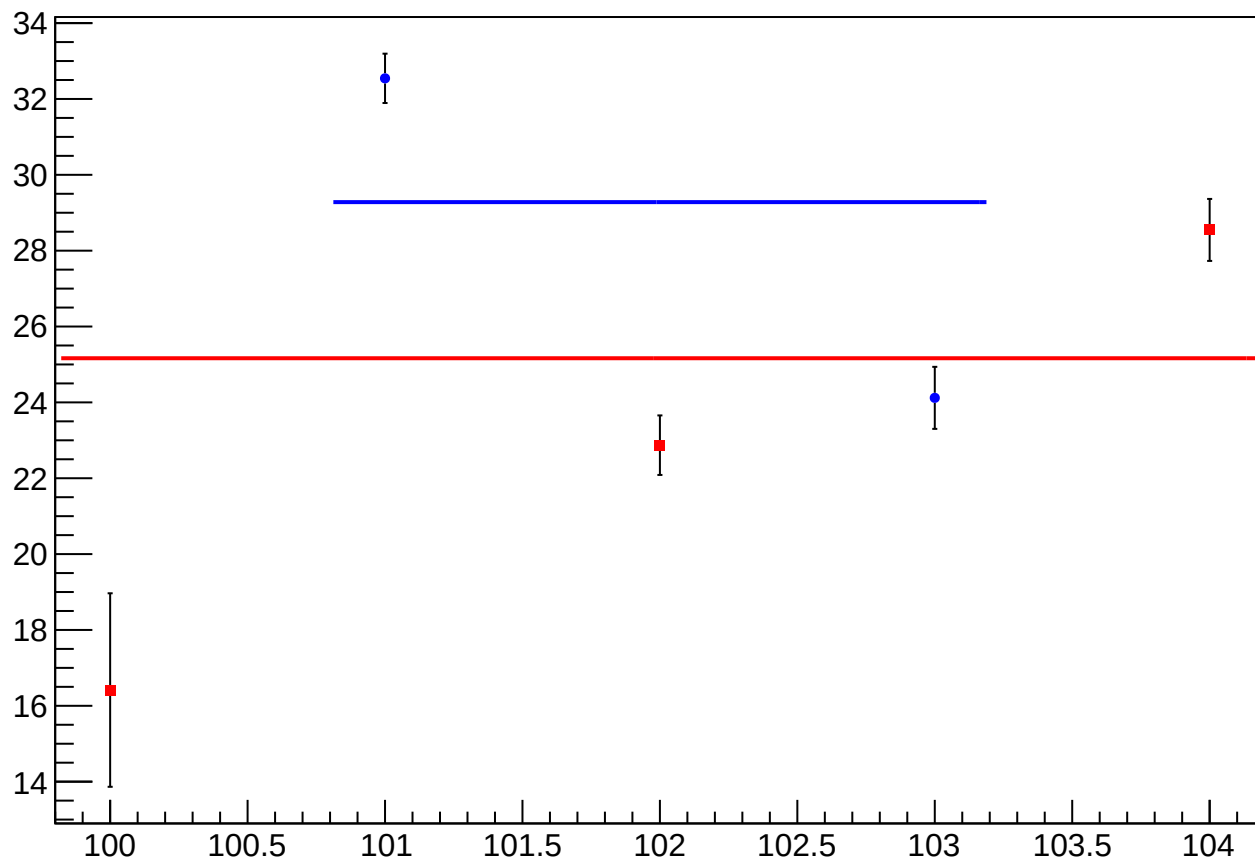
Right: 34.855+/-0.427 χ^2/NDF : 1096.7/4

In: 34.165+/-0.578 χ^2/NDF : 565.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.855+/-0.427 χ^2/NDF : 1096.7/4

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: 25.164 $\pm$ 0.553 χ^2 /NDF: 37.4/2

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

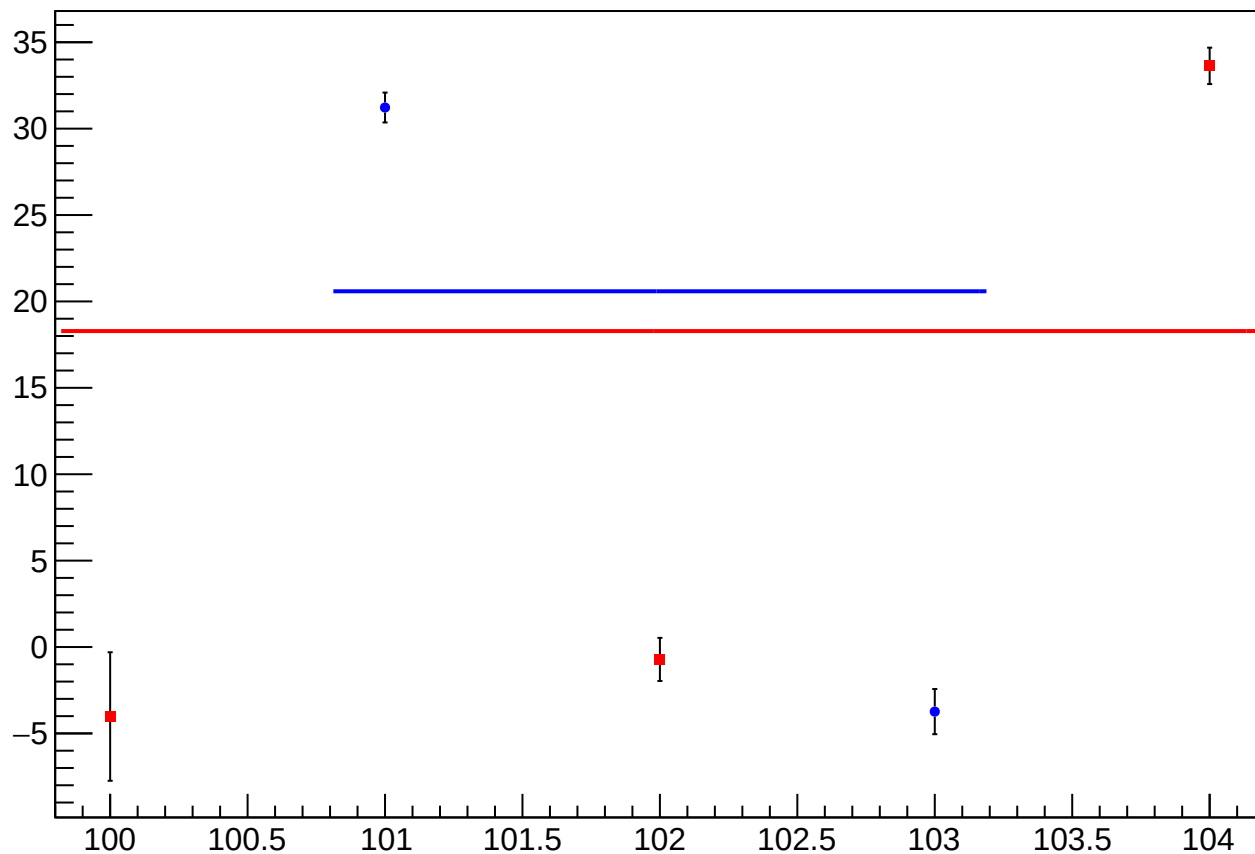
Right: 27.391 $\pm$ 0.374 χ^2 /NDF: 132.4/4

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: 27.391 $\pm$ 0.374 χ^2 /NDF: 132.4/4

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.588 $\pm$ 0.721 χ^2 /NDF: 497.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.285 $\pm$ 0.787 χ^2 /NDF: 480.3/2

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

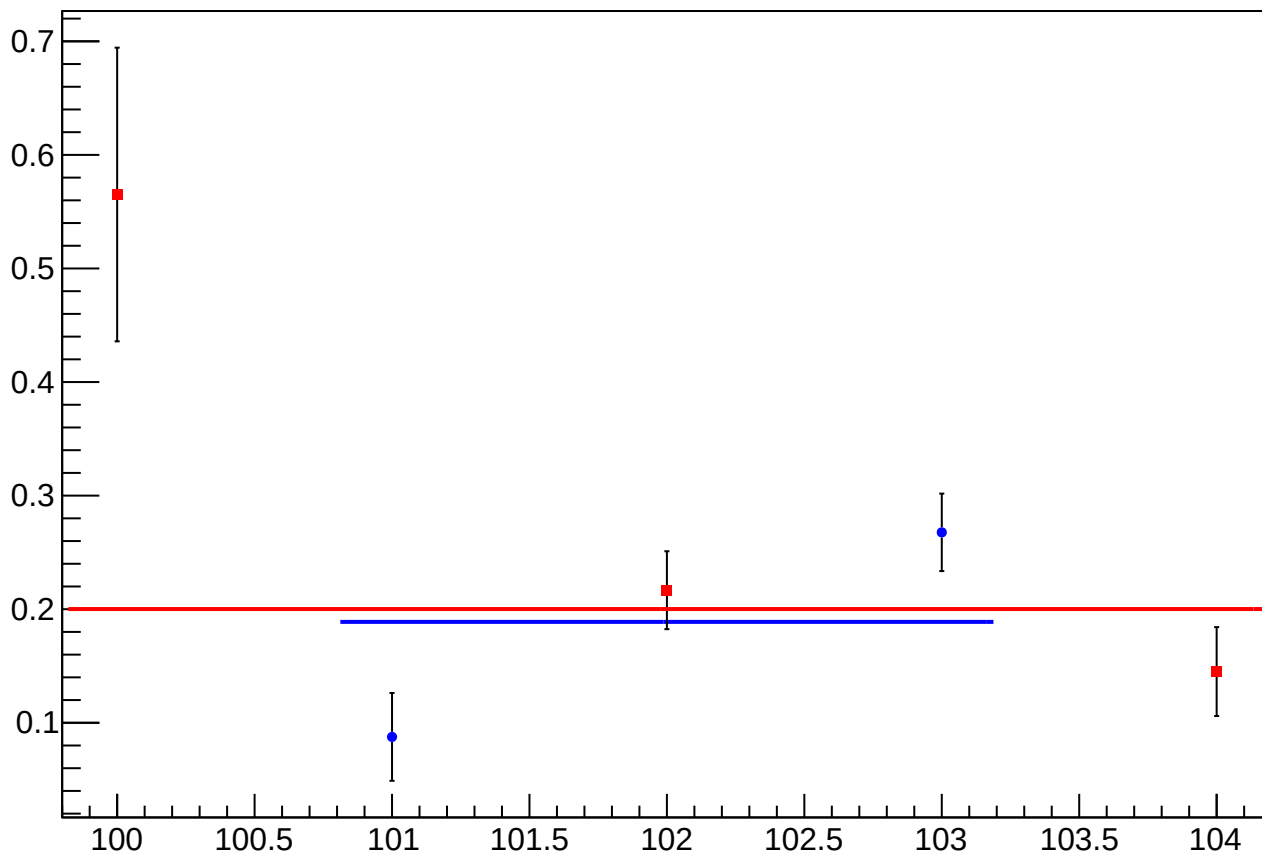
Right: 19.537 $\pm$ 0.531 χ^2 /NDF: 982.7/4

In: 20.588 $\pm$ 0.721 χ^2 /NDF:497.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.537 $\pm$ 0.531 χ^2 /NDF: 982.7/4

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.189 $\pm$ 0.026 χ^2 /NDF: 12.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.200 $\pm$ 0.025 χ^2 /NDF: 10.2/2

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

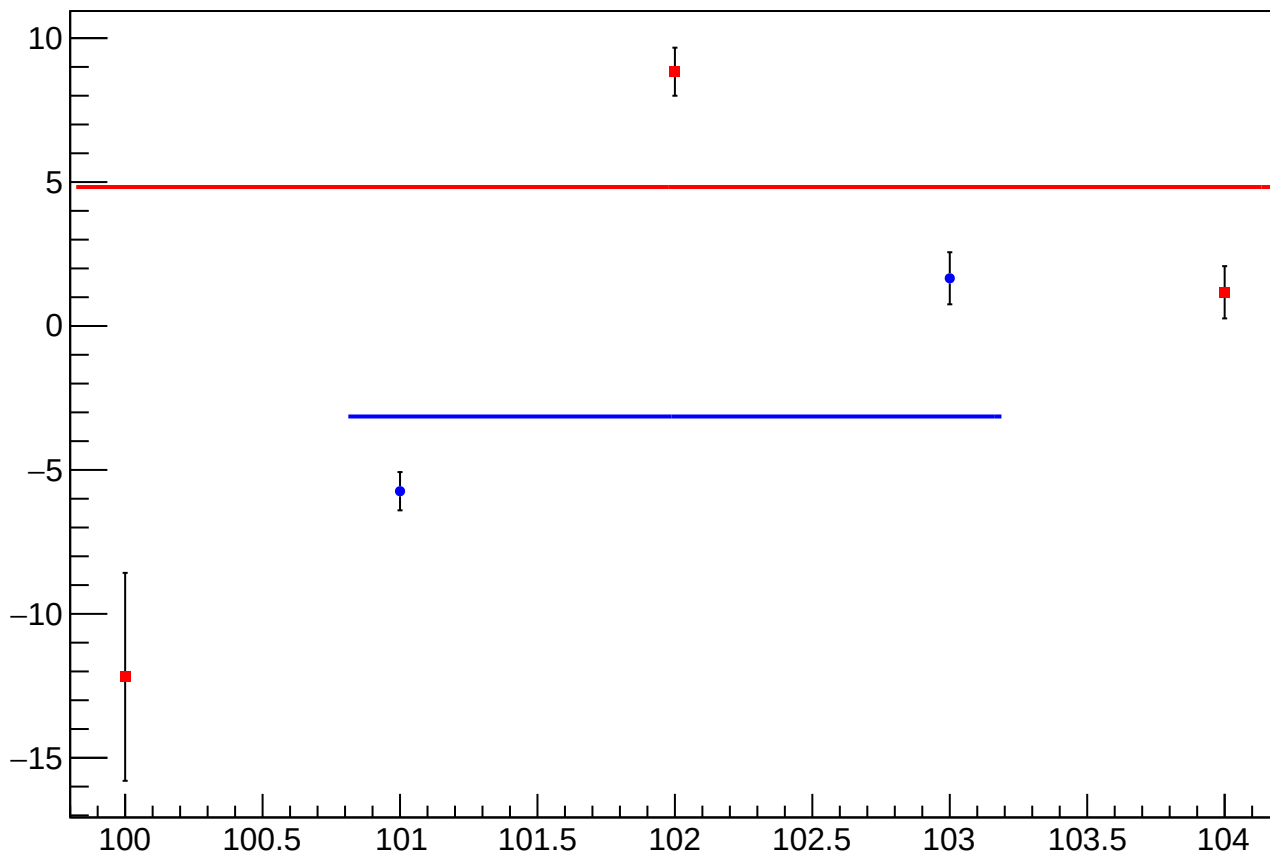
Right: 0.195 $\pm$ 0.018 χ^2 /NDF: 22.5/4

In: 0.189 $\pm$ 0.026 χ^2 /NDF:12.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.195 $\pm$ 0.018 χ^2 /NDF: 22.5/4

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: 4.828+/-0.606 χ^2/NDF : 61.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

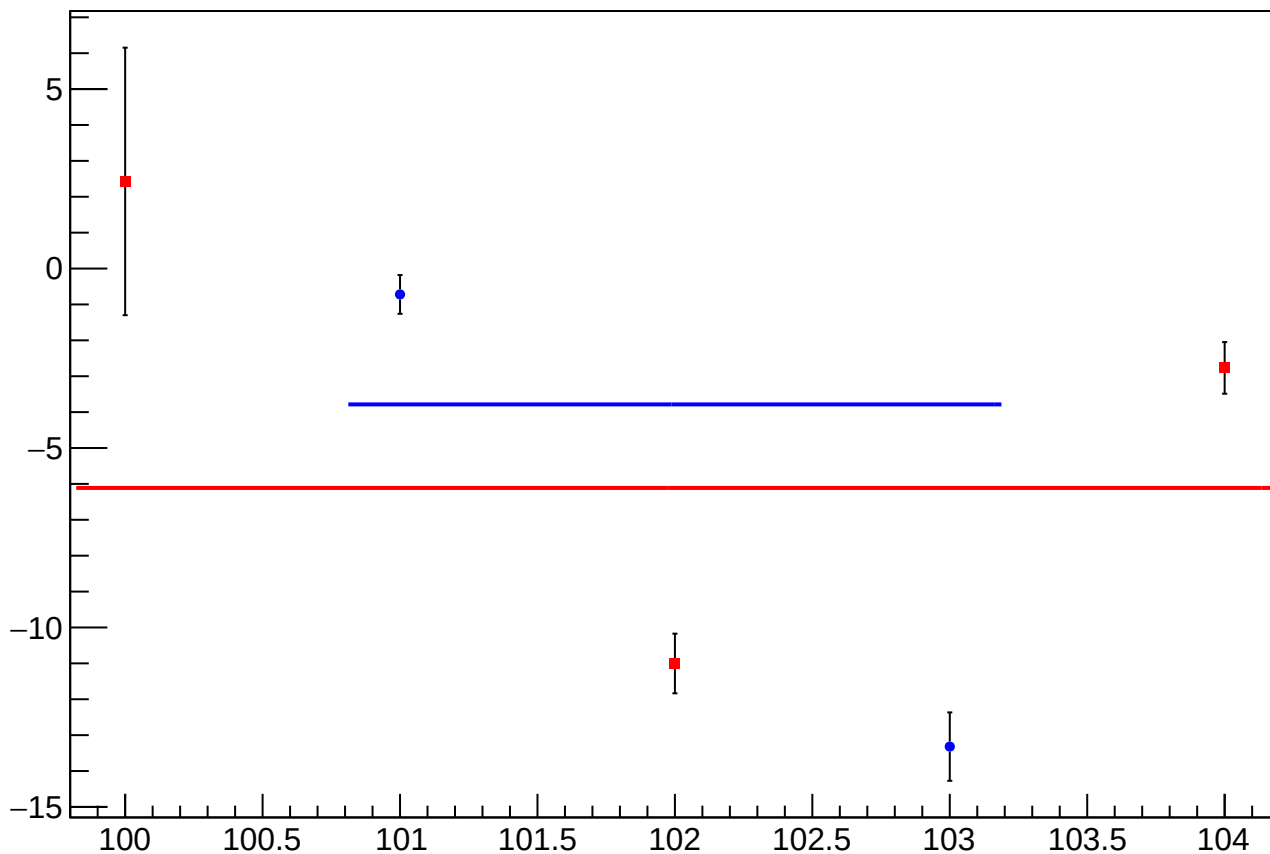
Right: 0.355+/-0.401 χ^2/NDF : 202.1/4

In: -3.143+/-0.536 χ^2/NDF : 43.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.355+/-0.401 χ^2/NDF : 202.1/4

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: -6.113+/-0.538 χ^2/NDF : 61.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

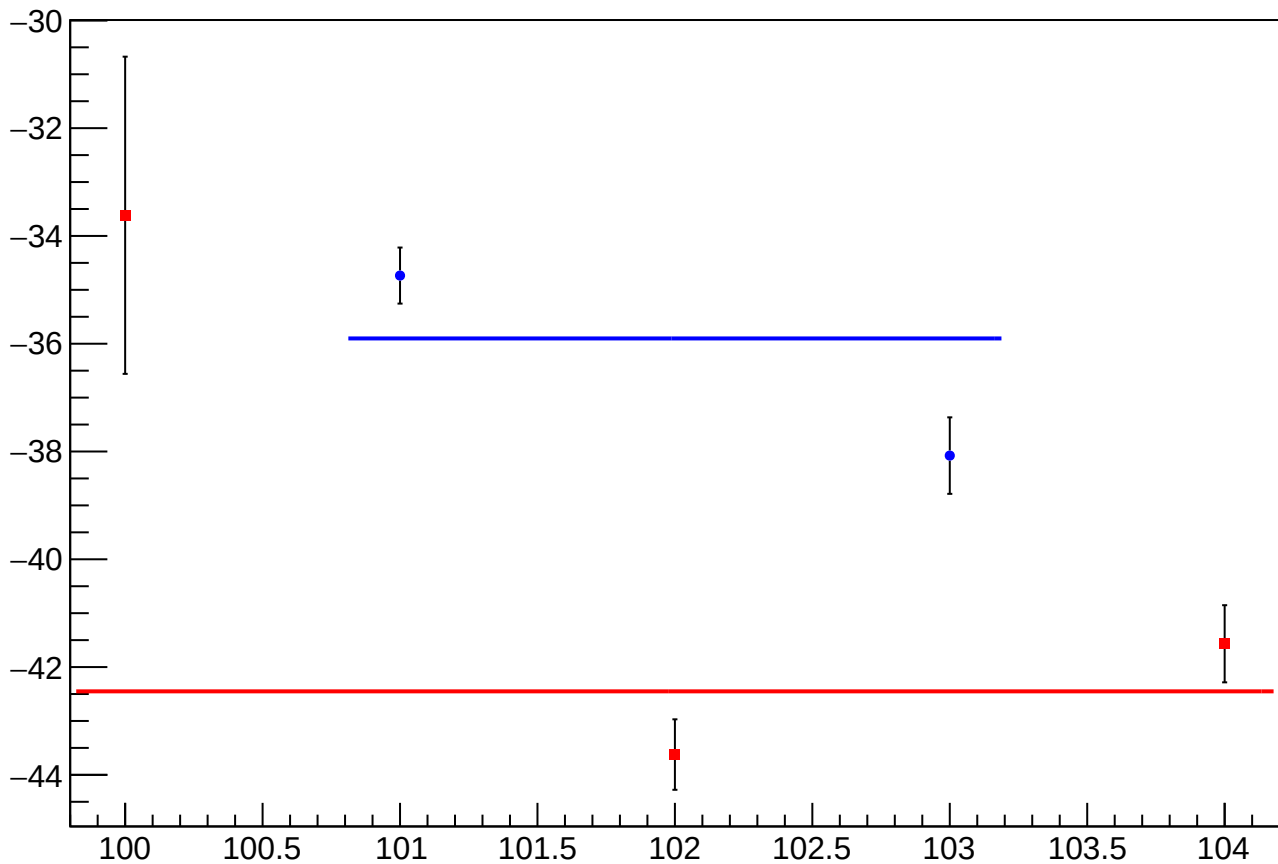
Right: -4.792+/-0.354 χ^2/NDF : 204.4/4

In: -3.785+/-0.470 χ^2/NDF : 132.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.792+/-0.354 χ^2/NDF : 204.4/4

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: -42.451 ± 0.476 $\chi^2/\text{NDF}: 13.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

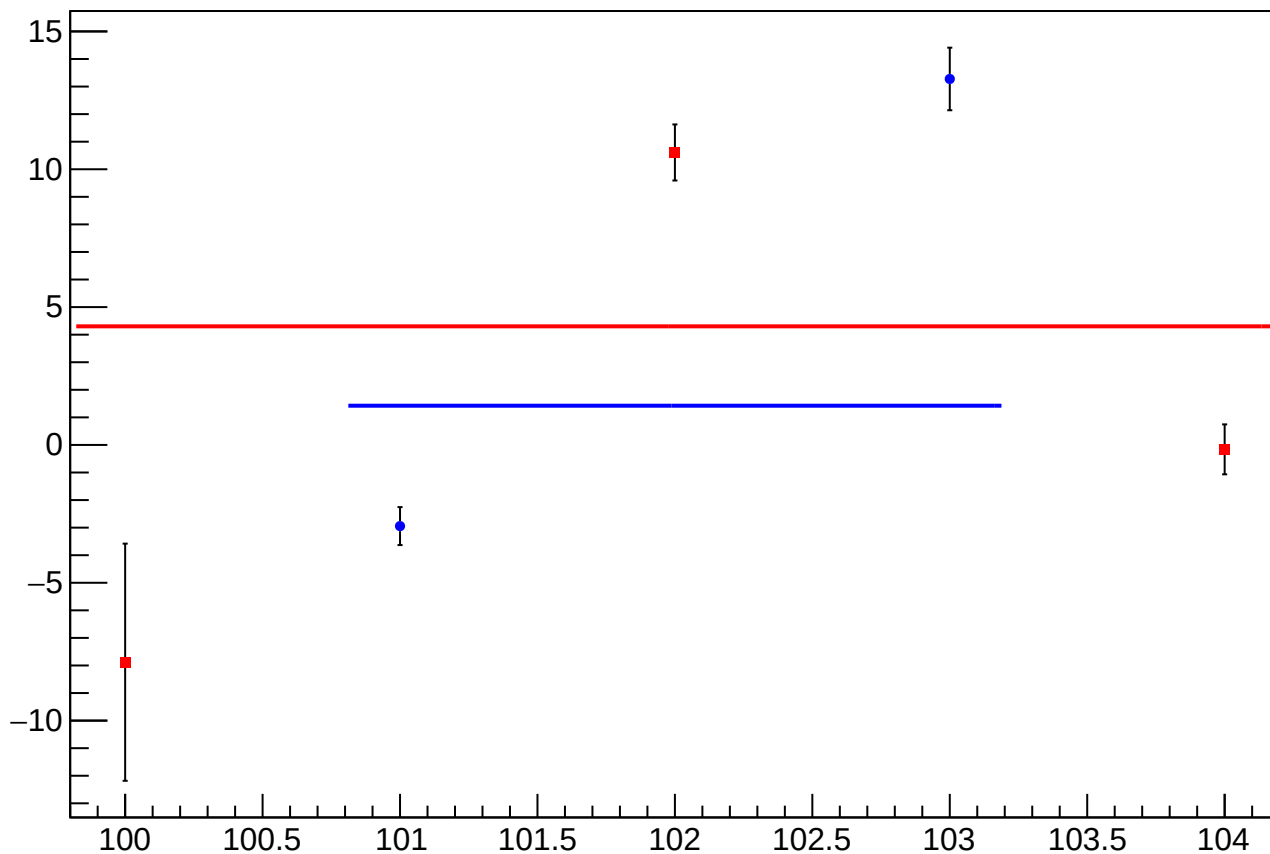
Right: -38.762 ± 0.315 $\chi^2/\text{NDF}: 134.6/4$

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: -38.762 ± 0.315 $\chi^2/\text{NDF}: 134.6/4$

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: 4.302+/-0.668 χ^2/NDF : 70.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

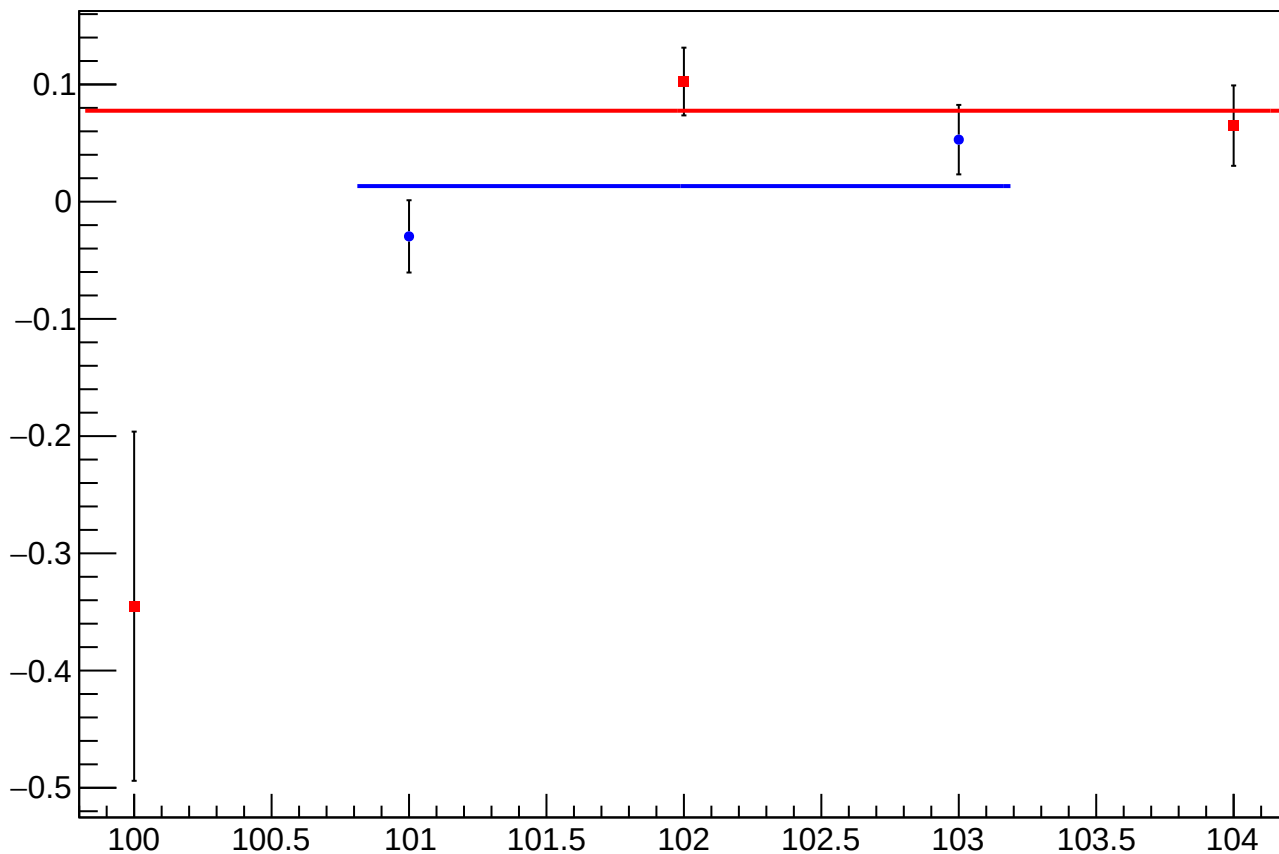
Right: 2.681+/-0.442 χ^2/NDF : 230.4/4

In: 1.423+/-0.589 χ^2/NDF : 149.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.681+/-0.442 χ^2/NDF : 230.4/4

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.021 χ^2 /NDF: 3.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.078 $\pm$ 0.022 χ^2 /NDF: 8.9/2

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

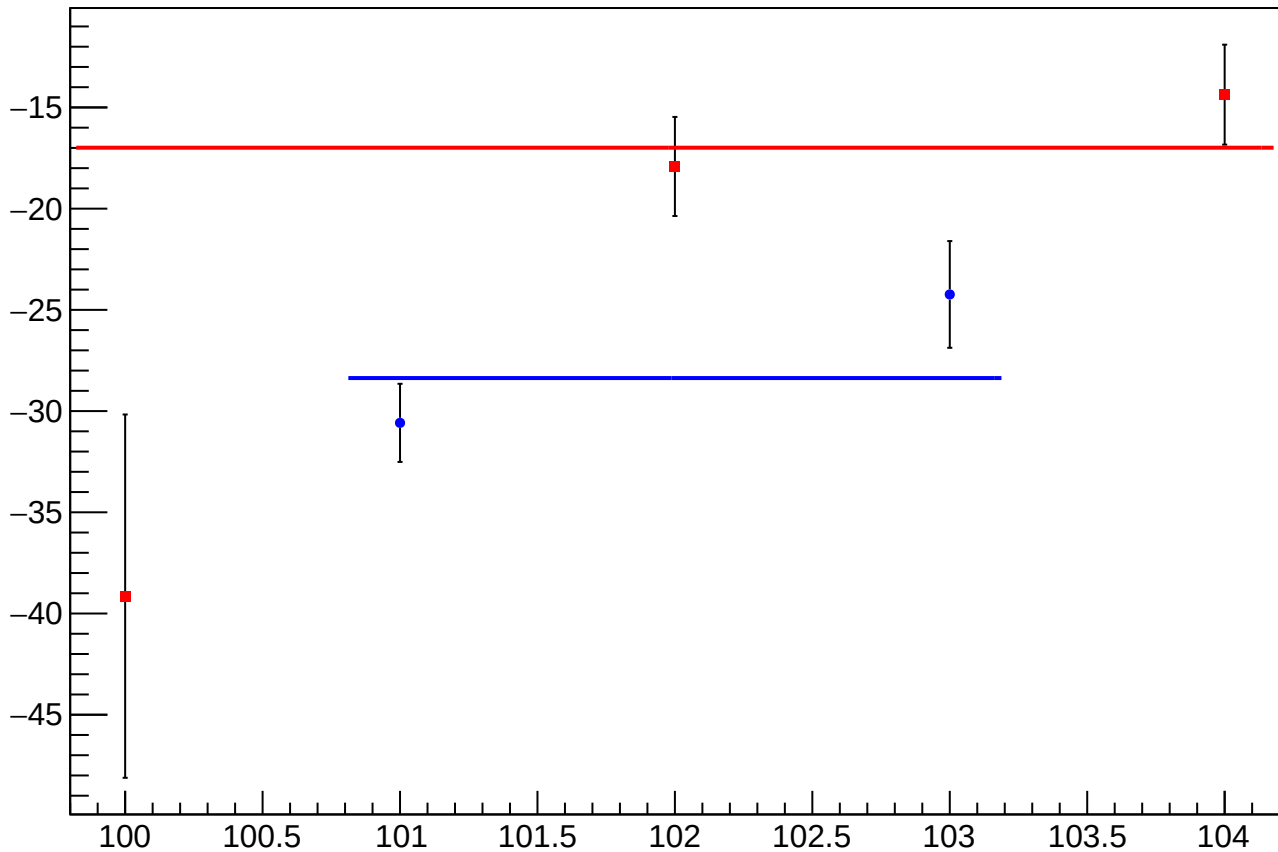
Right: 0.045 $\pm$ 0.015 χ^2 /NDF: 17.1/4

In: 0.013 $\pm$ 0.021 χ^2 /NDF:3.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.045 $\pm$ 0.015 χ^2 /NDF: 17.1/4

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.369+/-1.557 χ^2/NDF : 3.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.989+/-1.706 χ^2/NDF : 7.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

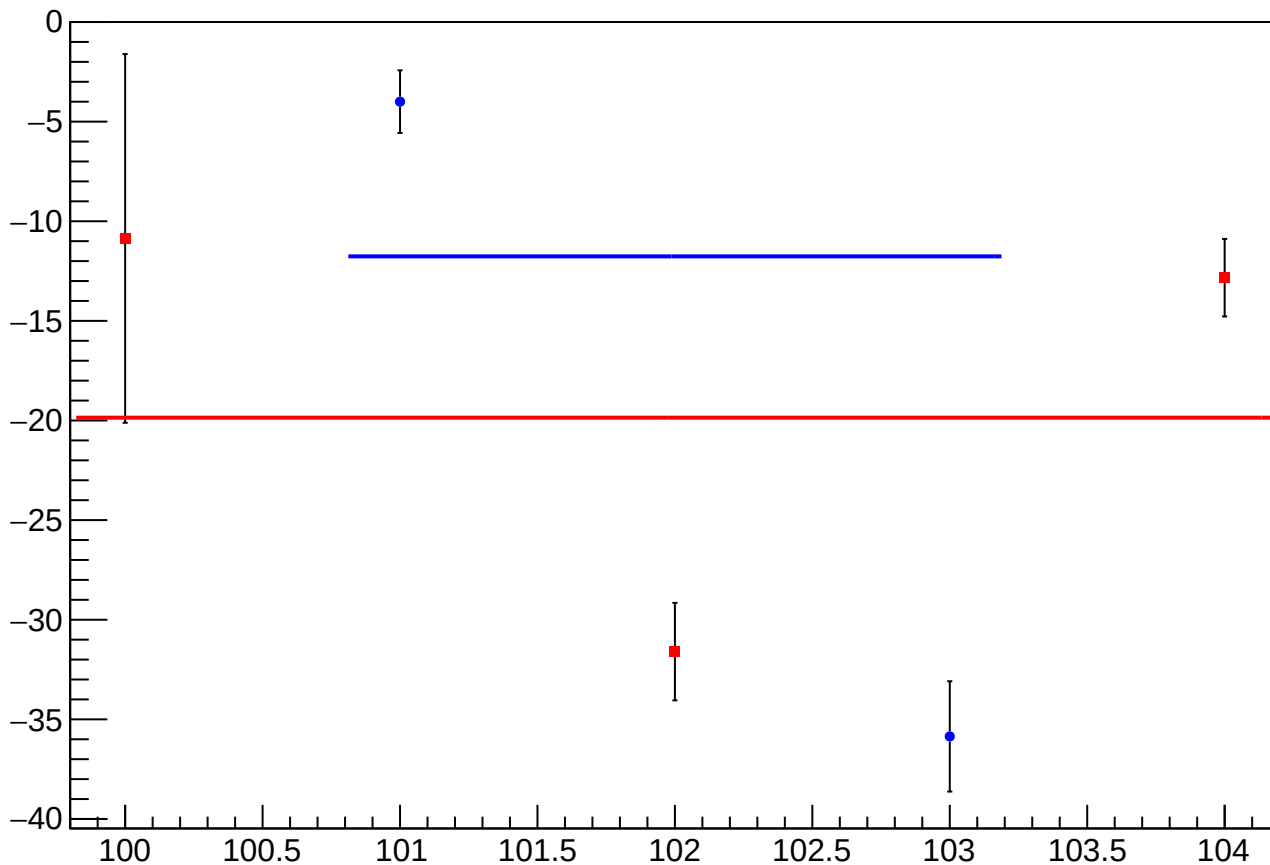
Right: -23.199+/-1.150 χ^2/NDF : 35.4/4

In: -28.369+/-1.557 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.199+/-1.150 χ^2/NDF : 35.4/4

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.762 ± 1.367 $\chi^2/\text{NDF}: 100.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.859 ± 1.502 $\chi^2/\text{NDF}: 37.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

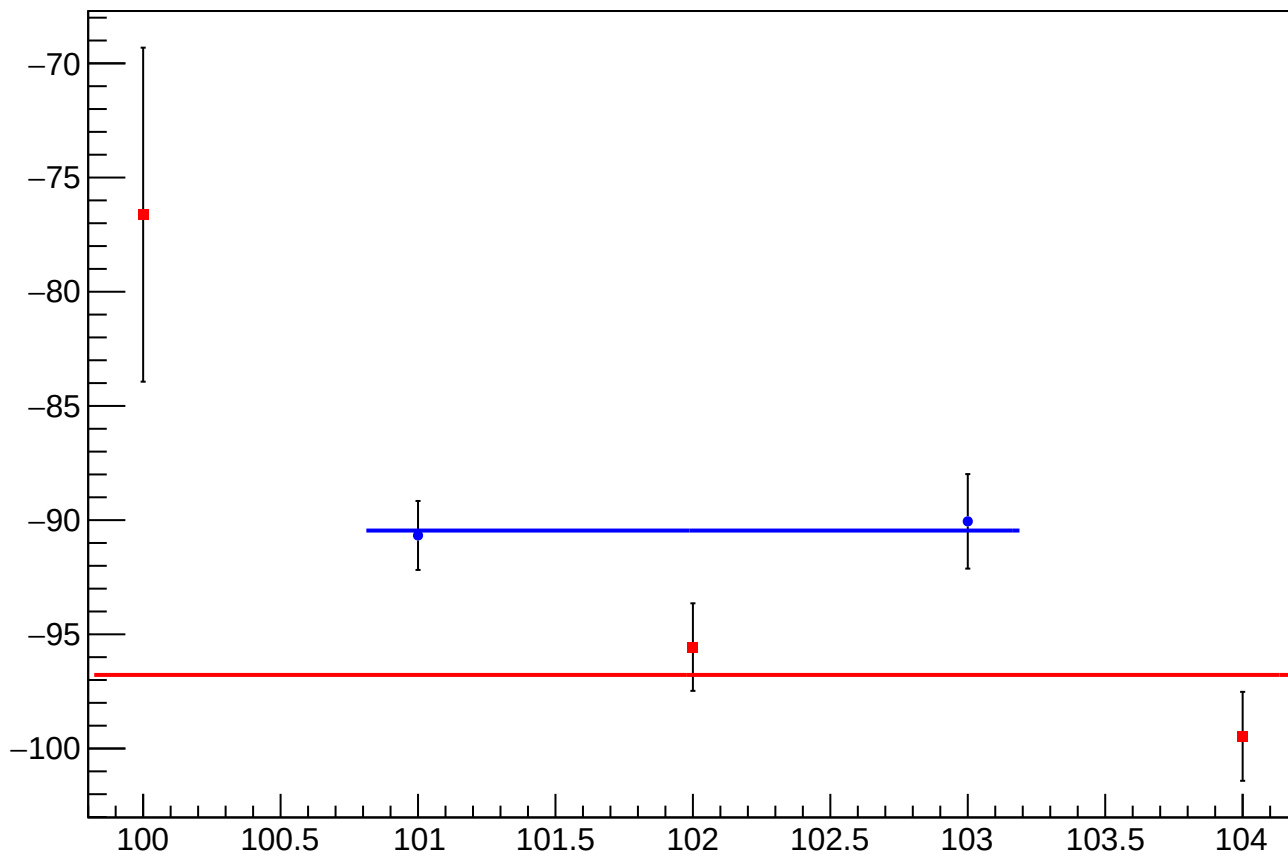
Right: -15.429 ± 1.011 $\chi^2/\text{NDF}: 153.1/4$

In: -11.762 ± 1.367 $\chi^2/\text{NDF}: 100.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.429 ± 1.011 $\chi^2/\text{NDF}: 153.1/4$

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: -96.778+/-1.343 χ^2/NDF : 9.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

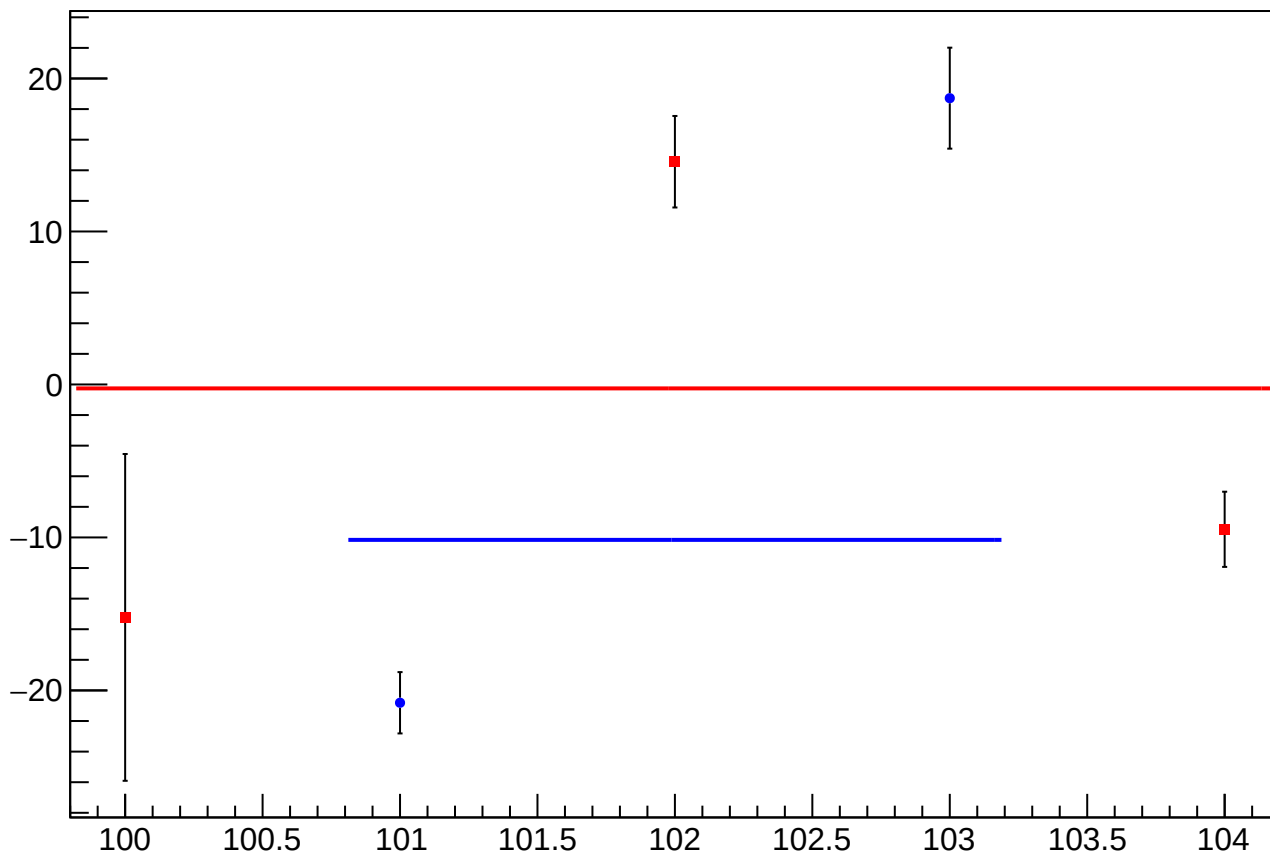
Right: -93.314+/-0.903 χ^2/NDF : 22.1/4

In: -90.456+/-1.220 χ^2/NDF : 0.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.314+/-0.903 χ^2/NDF : 22.1/4

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.160 $\pm$ 1.713 χ^2 /NDF: 104.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.258 $\pm$ 1.869 χ^2 /NDF: 40.6/2

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

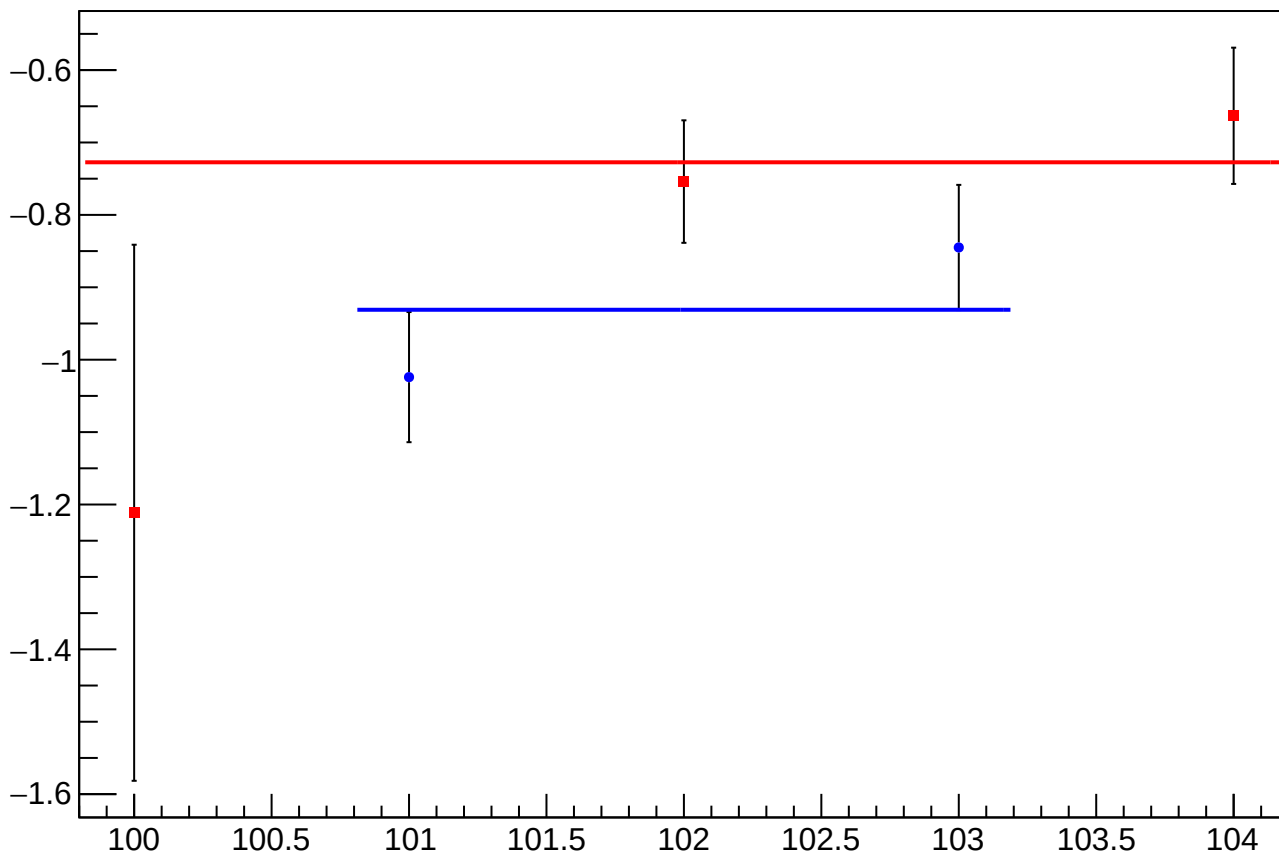
Right: -5.640 $\pm$ 1.263 χ^2 /NDF: 160.5/4

In: -10.160 $\pm$ 1.713 χ^2 /NDF:104.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.640 $\pm$ 1.263 χ^2 /NDF: 160.5/4

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: -0.727 ± 0.062 χ^2/NDF : 2.3/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

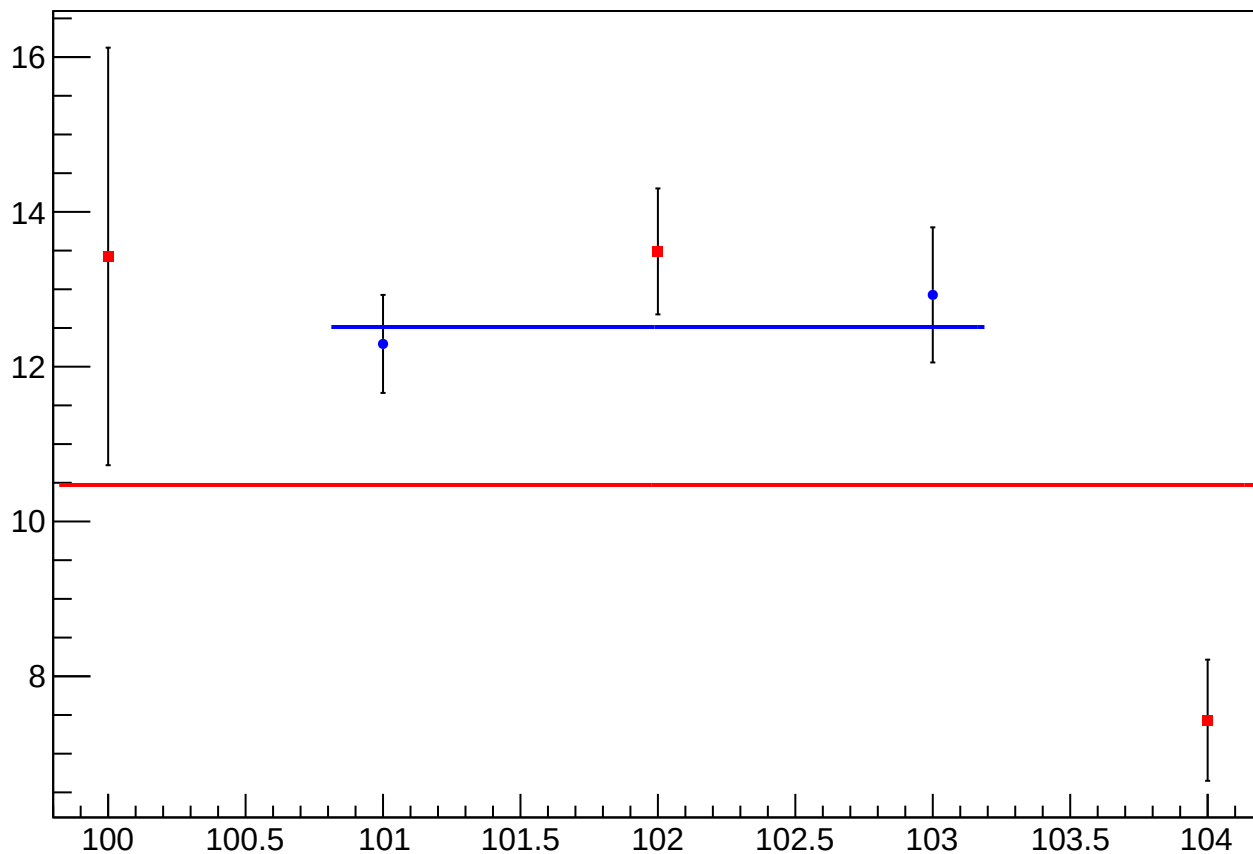
Right: -0.829 ± 0.044 χ^2/NDF : 9.7/4

In: -0.931 ± 0.062 χ^2/NDF : 2.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.829 ± 0.044 χ^2/NDF : 9.7/4

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.513 $\pm$ 0.513 χ^2 /NDF: 0.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.472 $\pm$ 0.552 χ^2 /NDF: 30.0/2

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

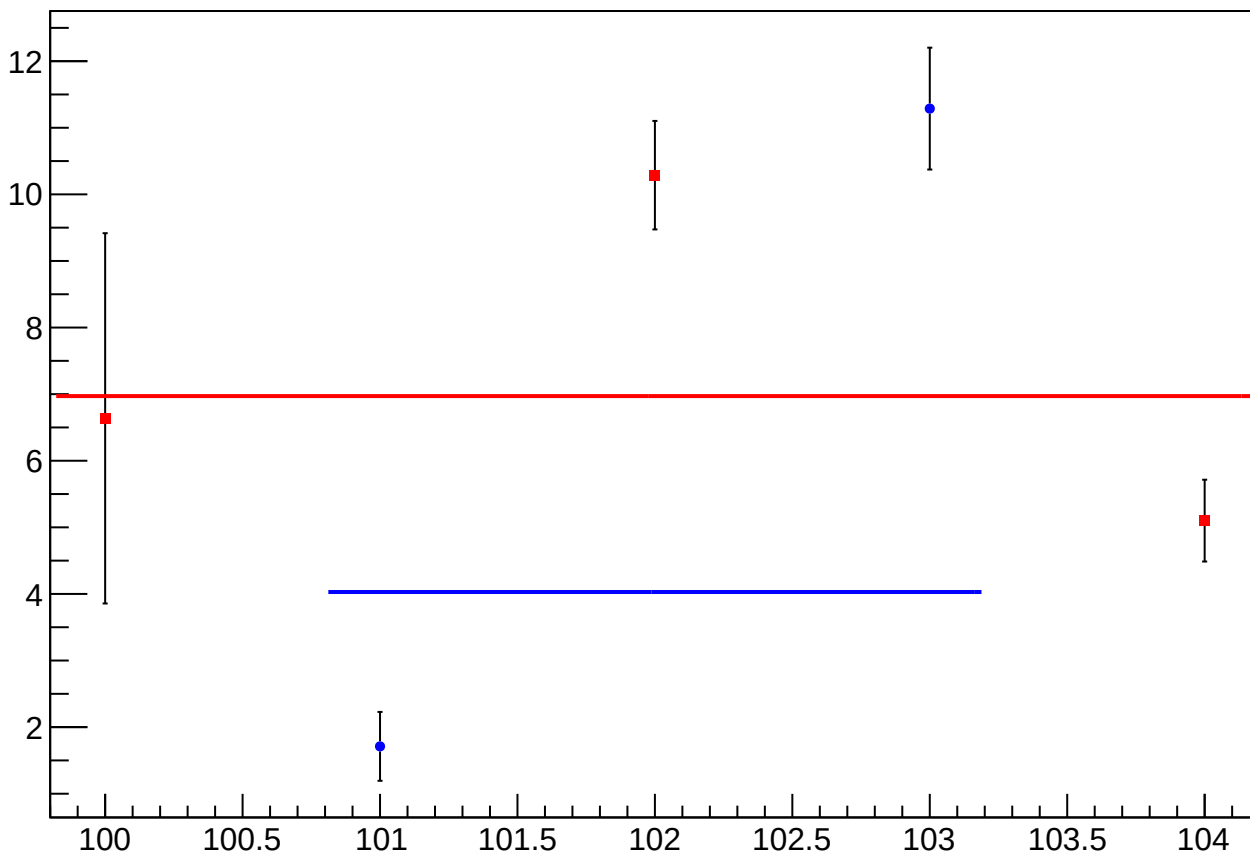
Right: 11.568 $\pm$ 0.376 χ^2 /NDF: 37.7/4

In: 12.513 $\pm$ 0.513 χ^2 /NDF: 0.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.568 $\pm$ 0.376 χ^2 /NDF: 37.7/4

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: 6.971+/-0.483 χ^2/NDF : 25.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

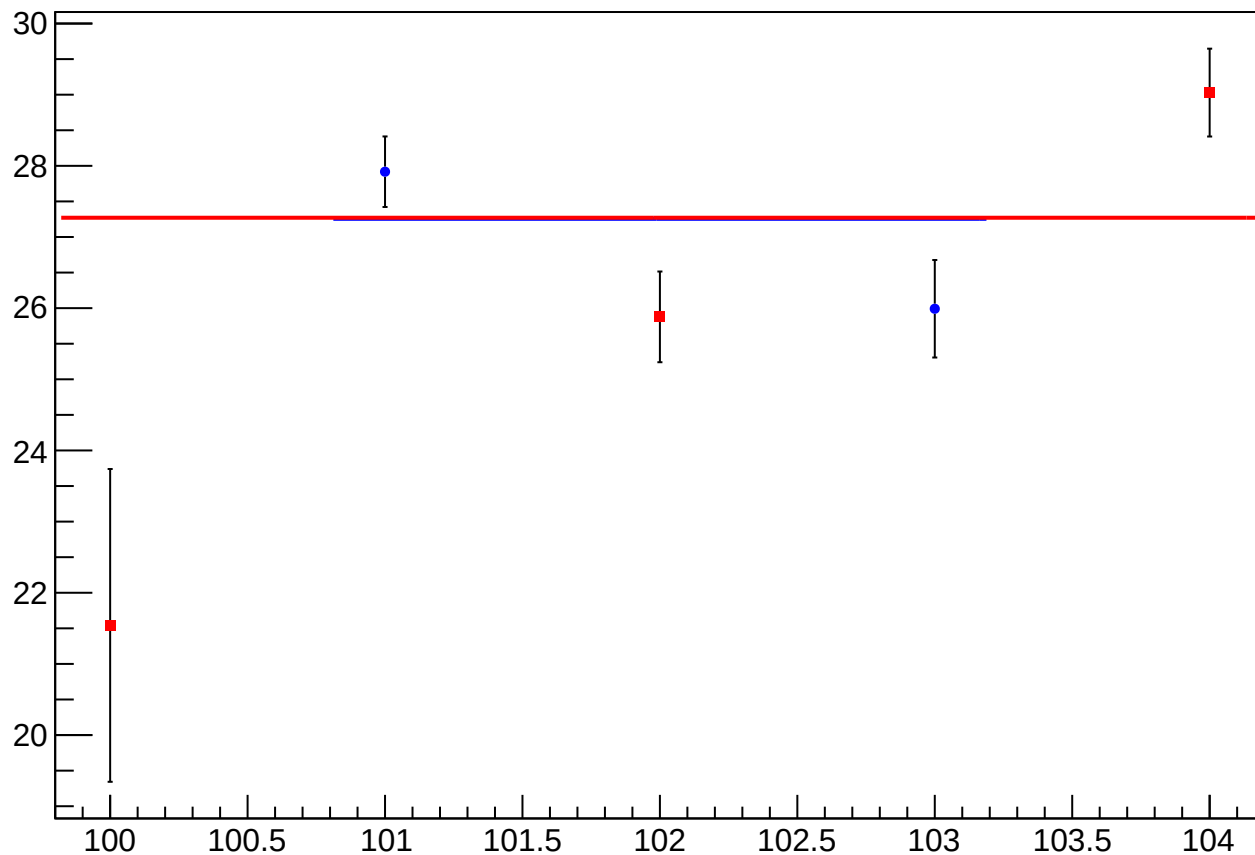
Right: 5.396+/-0.329 χ^2/NDF : 128.8/4

In: 4.029+/-0.450 χ^2/NDF : 83.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.396+/-0.329 χ^2/NDF : 128.8/4

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.256 $\pm$ 0.402 χ^2 /NDF: 5.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.271 $\pm$ 0.435 χ^2 /NDF: 19.7/2

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

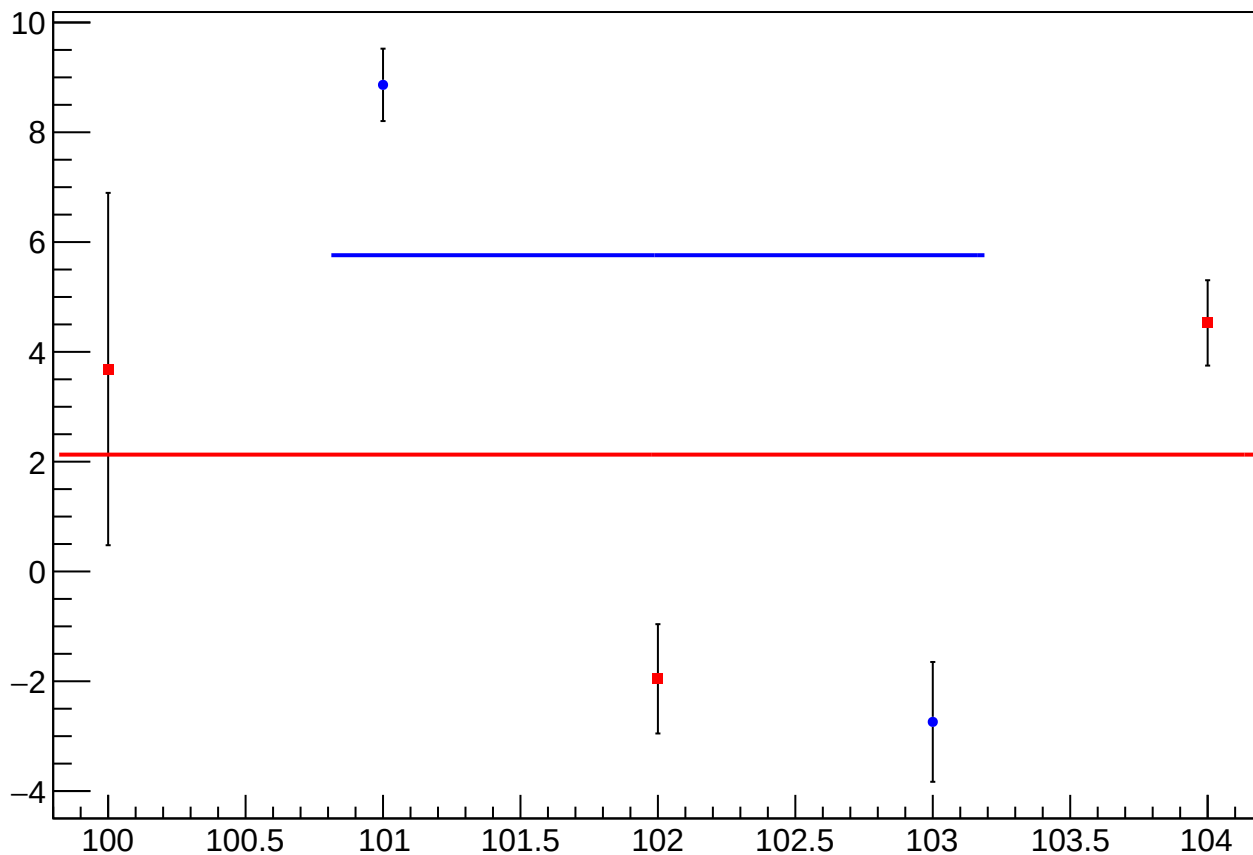
Right: 27.263 $\pm$ 0.295 χ^2 /NDF: 24.9/4

In: 27.256 $\pm$ 0.402 χ^2 /NDF: 5.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.263 $\pm$ 0.295 χ^2 /NDF: 24.9/4

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: 2.128 $\pm$ 0.602 χ^2 /NDF: 26.6/2

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

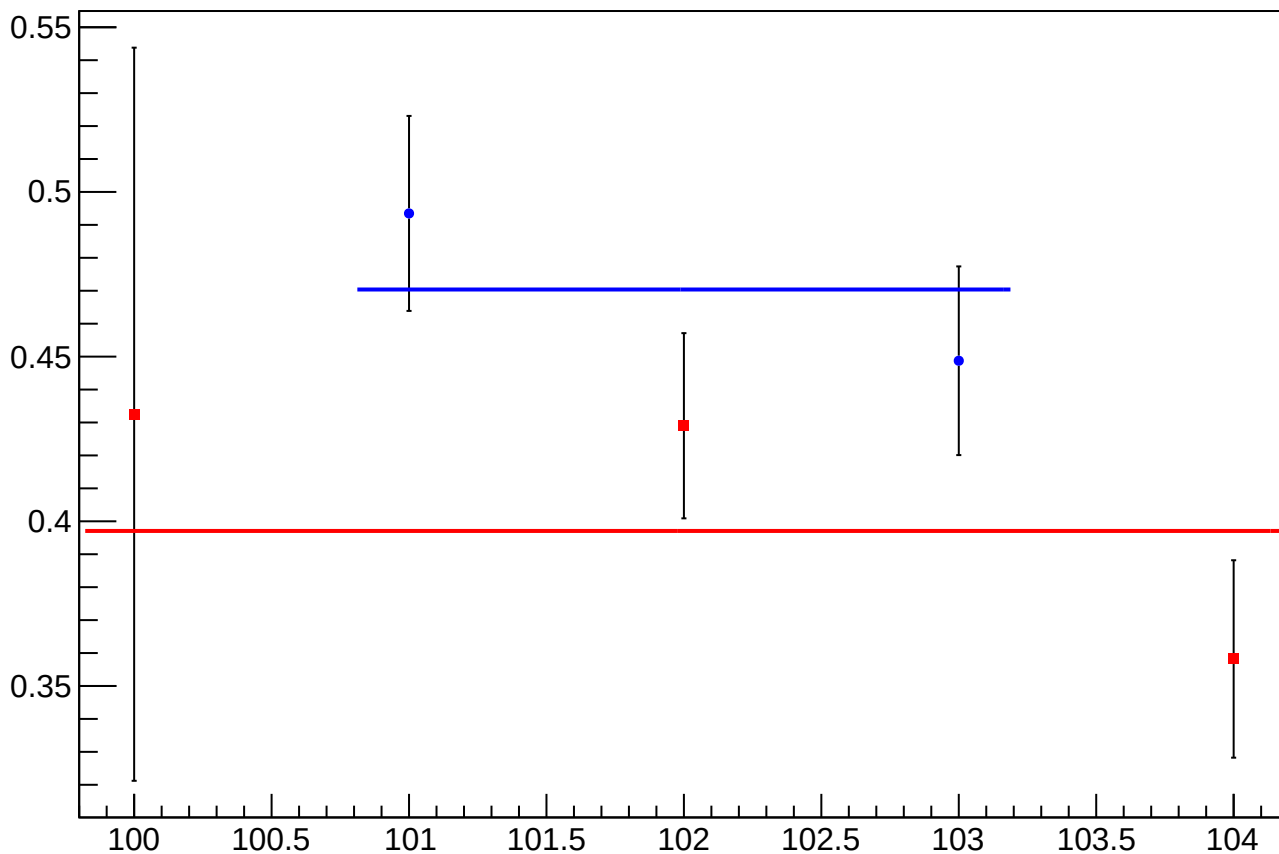
Right: 4.061 $\pm$ 0.412 χ^2 /NDF: 128.8/4

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: 4.061 $\pm$ 0.412 χ^2 /NDF: 128.8/4

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.470+/-0.021 χ^2/NDF : 1.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.397+/-0.020 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

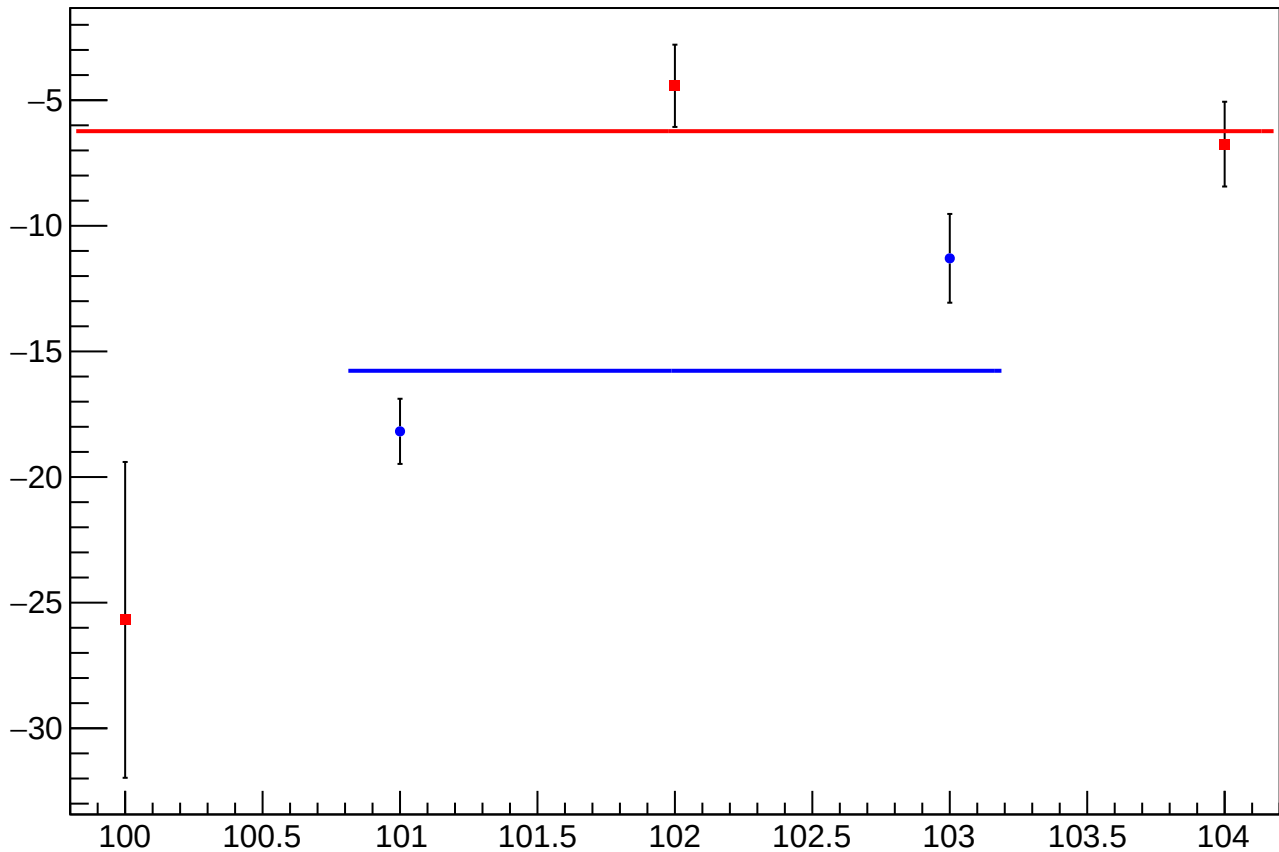
Right: 0.433+/-0.014 χ^2/NDF : 10.7/4

In: 0.470+/-0.021 χ^2/NDF : 1.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.433+/-0.014 χ^2/NDF : 10.7/4

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.770+/-1.045 χ^2/NDF : 9.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.233+/-1.155 χ^2/NDF : 10.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

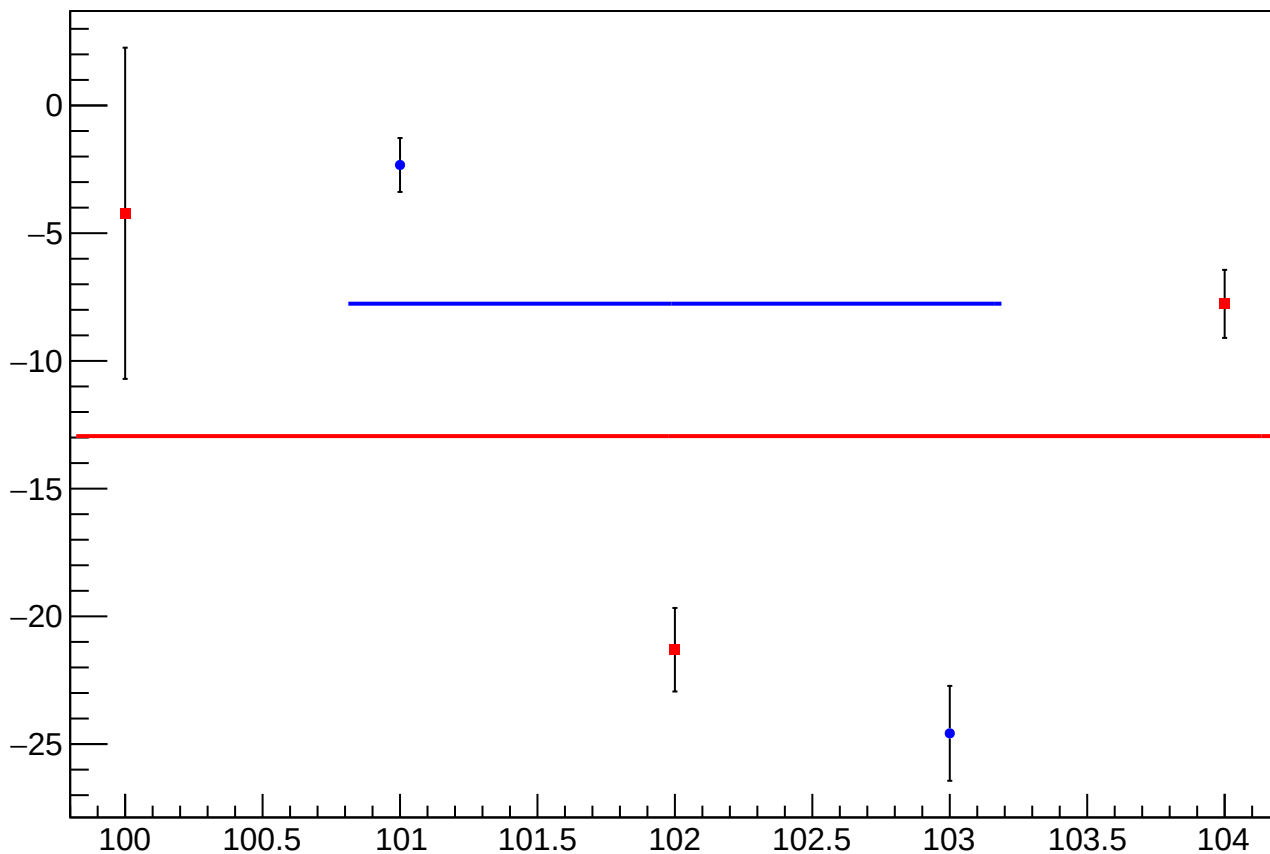
Right: -11.476+/-0.775 χ^2/NDF : 58.2/4

In: -15.770+/-1.045 χ^2/NDF : 9.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.476+/-0.775 χ^2/NDF : 58.2/4

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.760 $\pm$ 0.918 χ^2 /NDF: 108.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -12.944 $\pm$ 1.020 χ^2 /NDF: 43.1/2

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

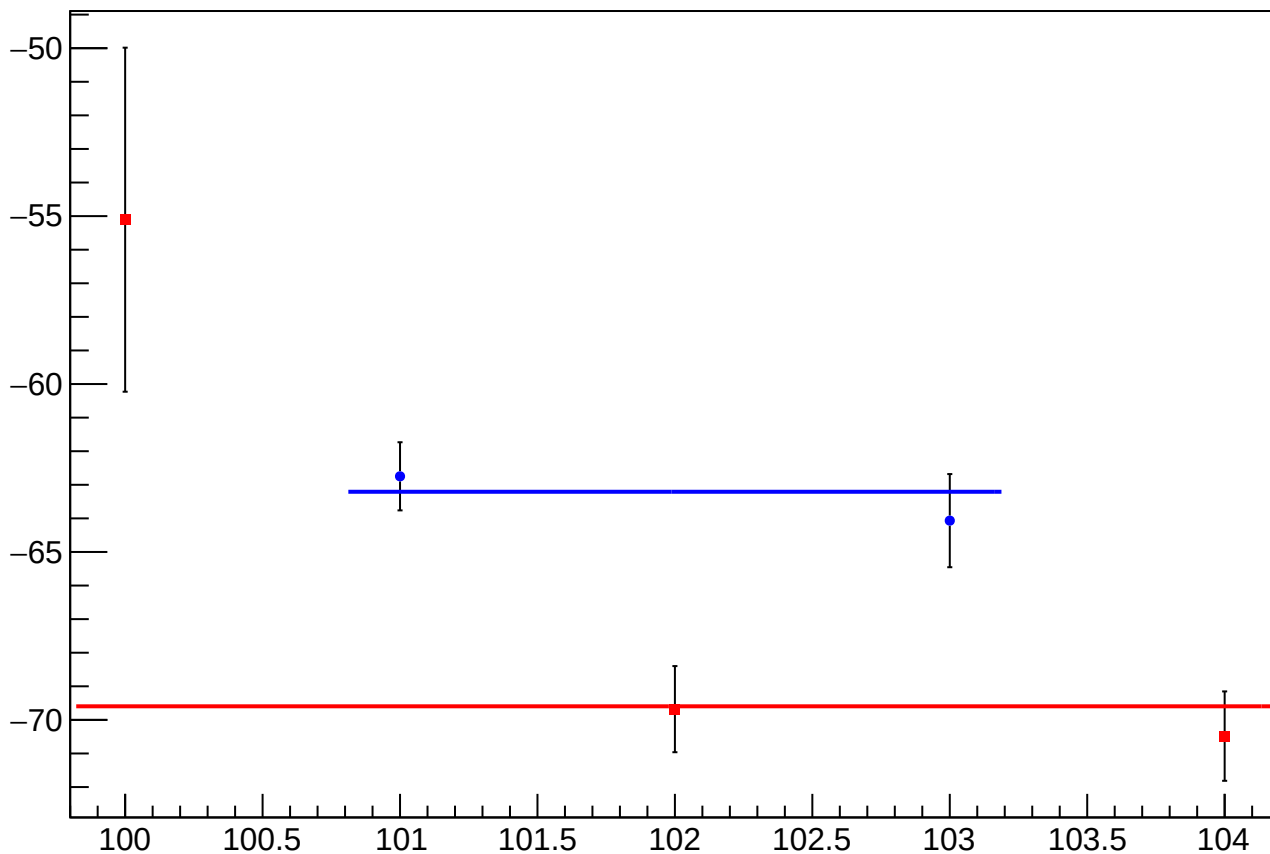
Right: -10.079 $\pm$ 0.682 χ^2 /NDF: 165.8/4

In: -7.760 $\pm$ 0.918 χ^2 /NDF:108.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.079 $\pm$ 0.682 χ^2 /NDF: 165.8/4

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

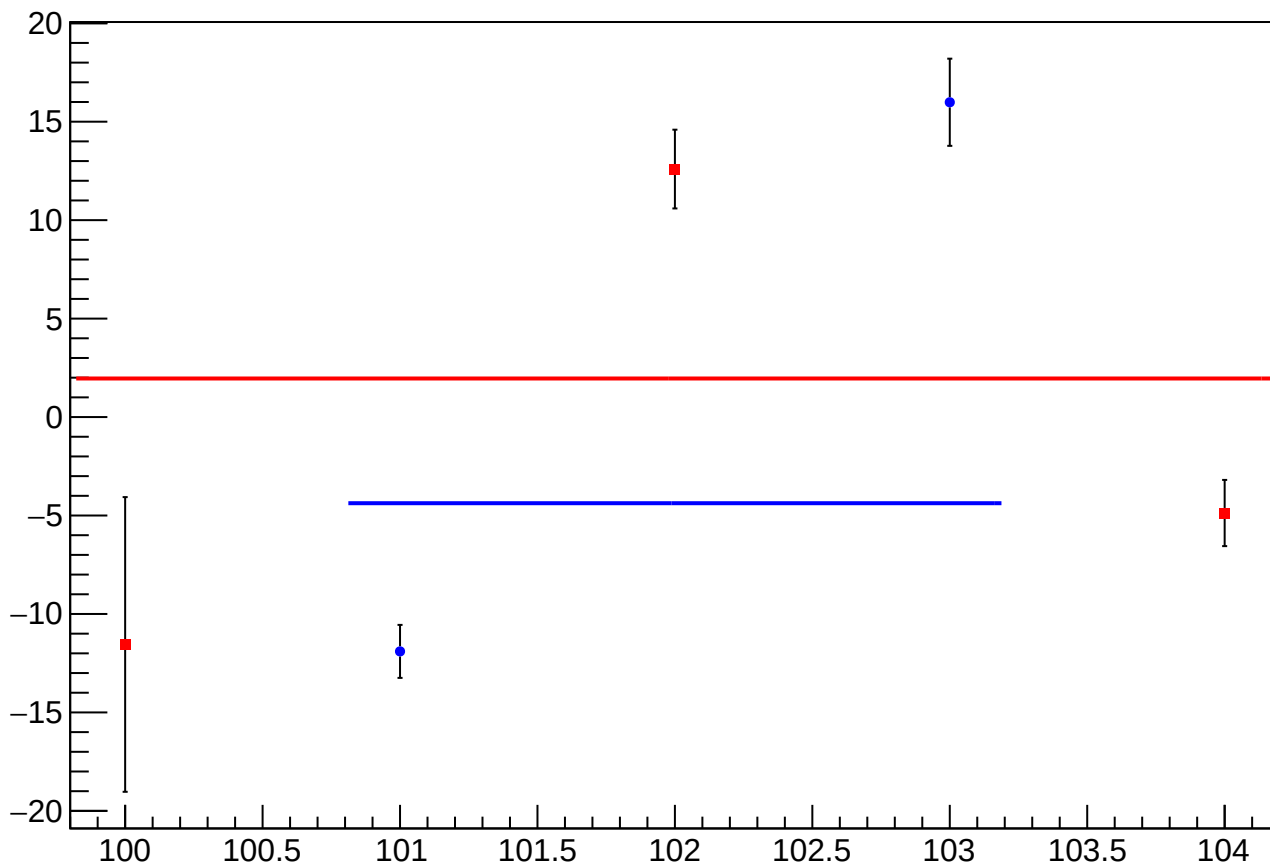
Right: -66.070 ± 0.608 $\chi^2/\text{NDF}: 36.3/4$

In: -63.208 ± 0.819 $\chi^2/\text{NDF}: 0.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -66.070 ± 0.608 $\chi^2/\text{NDF}: 36.3/4$

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: 1.958+/-1.268 χ^2/NDF : 48.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

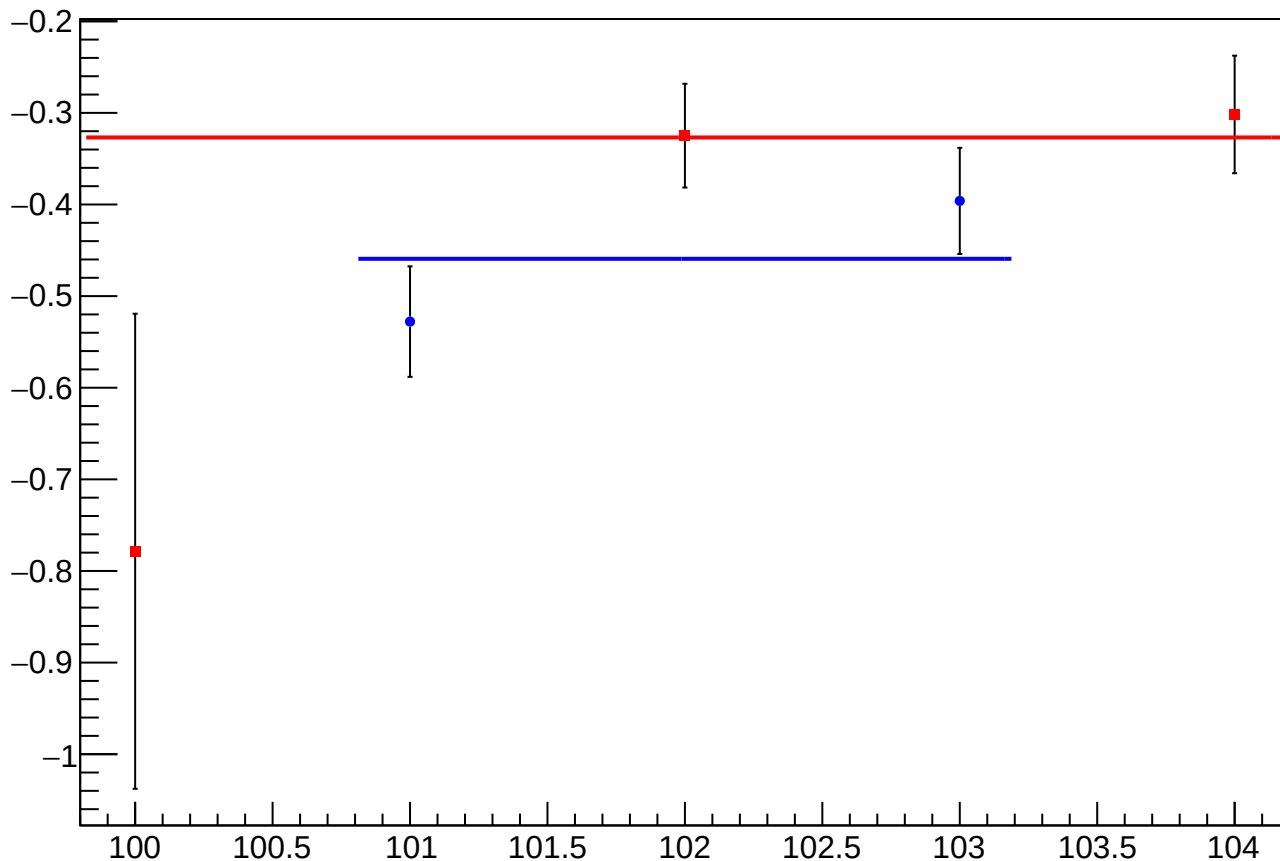
Right: -1.517+/-0.852 χ^2/NDF : 177.6/4

In: -4.375+/-1.150 χ^2/NDF : 115.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.517+/-0.852 χ^2/NDF : 177.6/4

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.459+/-0.042 χ^2/NDF : 2.5/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.327+/-0.042 χ^2/NDF : 3.2/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

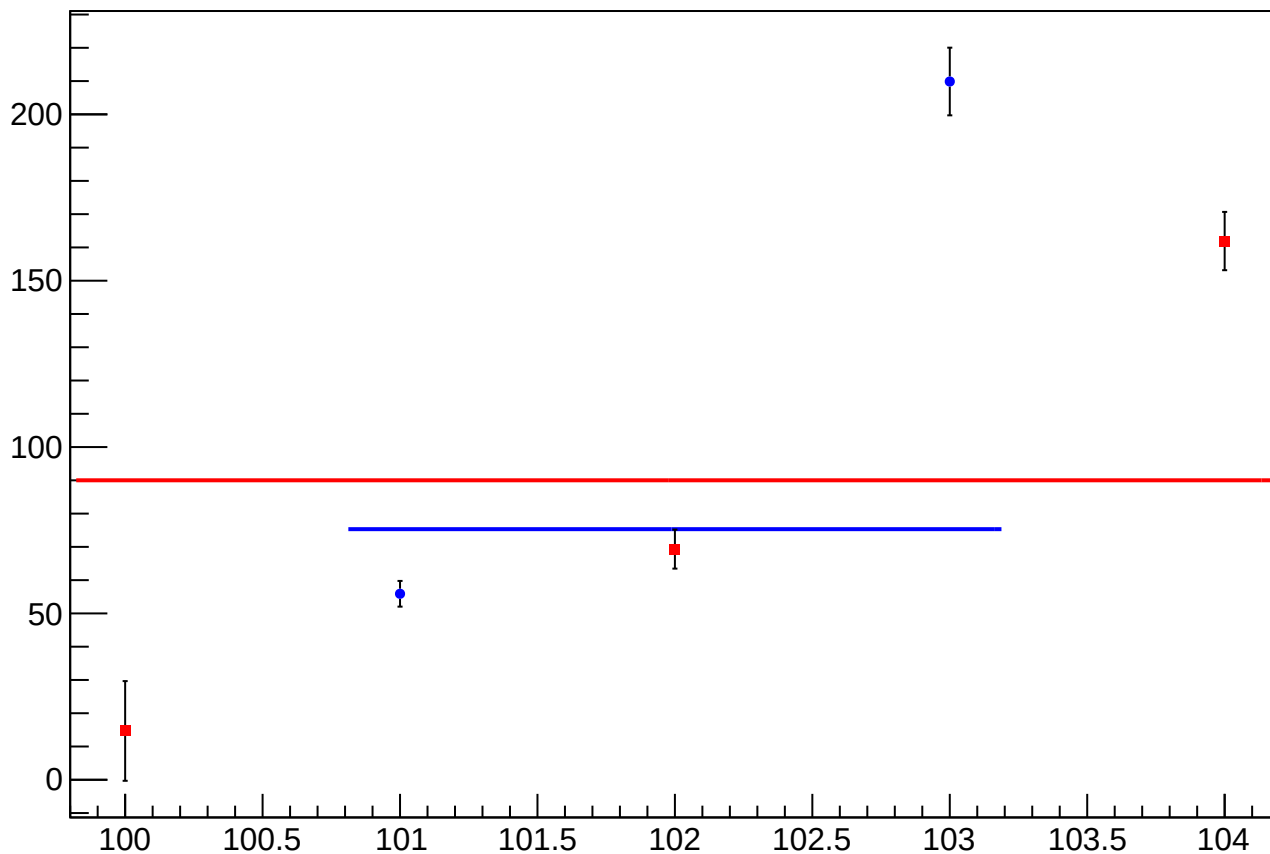
Right: -0.393+/-0.030 χ^2/NDF : 10.7/4

In: -0.459+/-0.042 χ^2/NDF :2.5/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.393+/-0.030 χ^2/NDF : 10.7/4

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 75.324+/-3.612 χ^2/NDF : 200.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.011+/-4.635 χ^2/NDF : 105.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

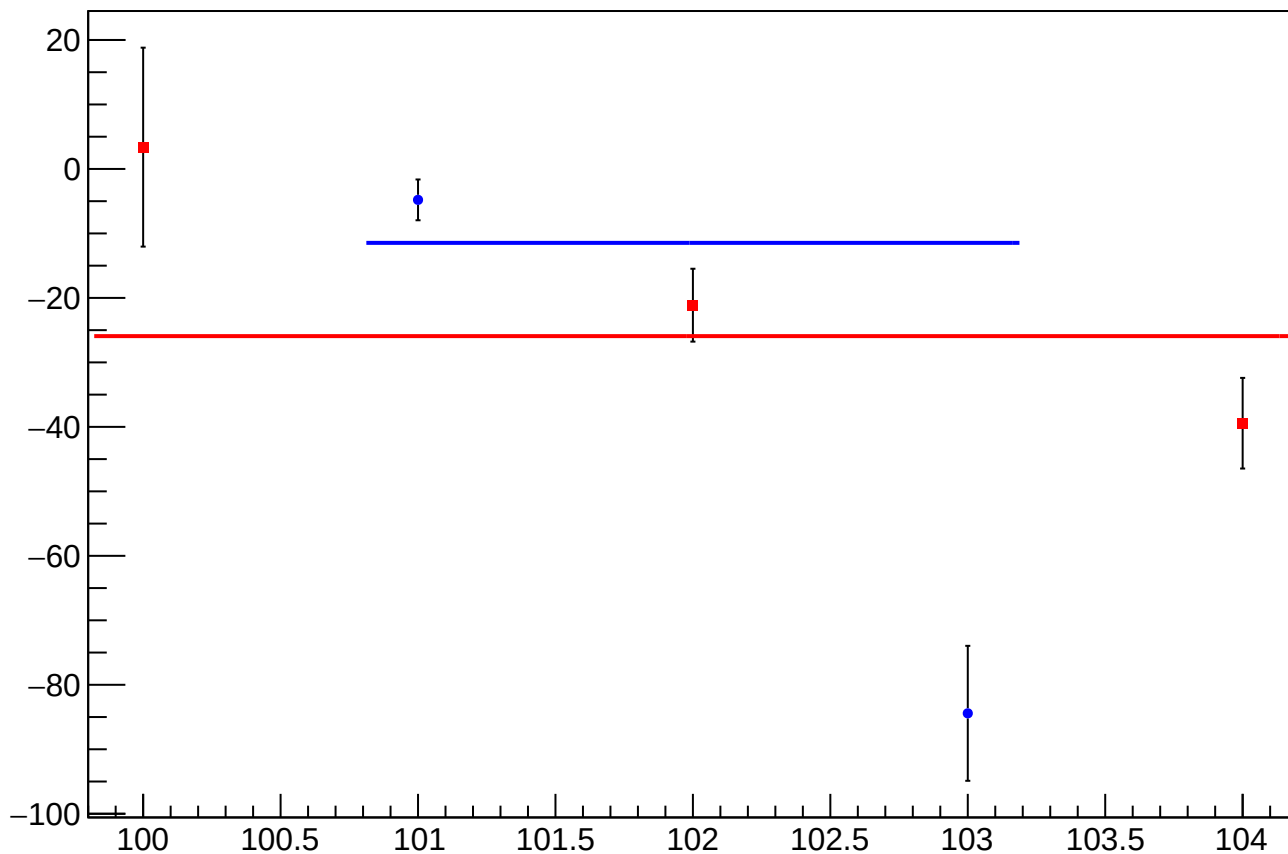
Right: 80.874+/-2.849 χ^2/NDF : 311.6/4

In: 75.324+/-3.612 χ^2/NDF : 200.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.874+/-2.849 χ^2/NDF : 311.6/4

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.464+/-3.028 χ^2/NDF : 53.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.926+/-4.235 χ^2/NDF : 8.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

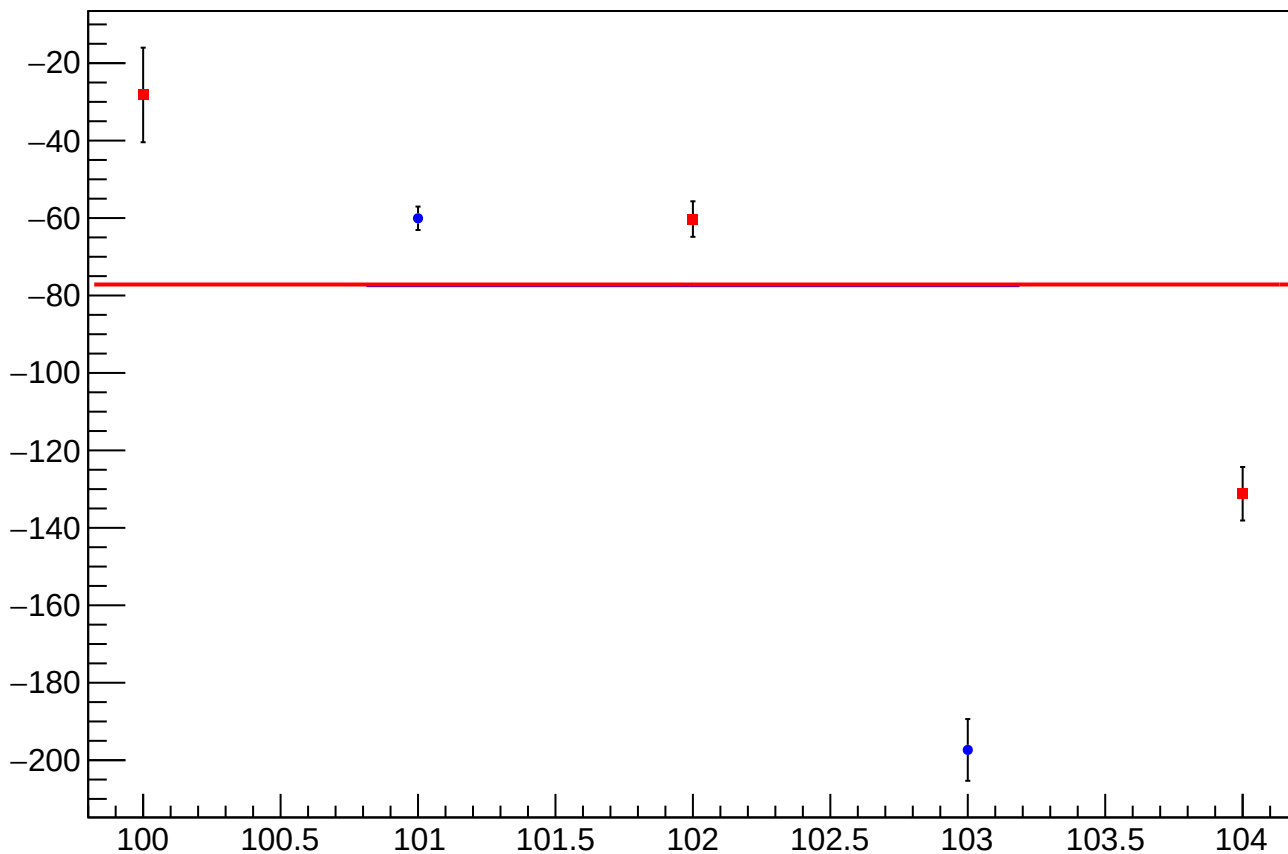
Right: -16.357+/-2.463 χ^2/NDF : 68.8/4

In: -11.464+/-3.028 χ^2/NDF : 53.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.357+/-2.463 χ^2/NDF : 68.8/4

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: -77.160+/-3.648 χ^2/NDF : 90.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

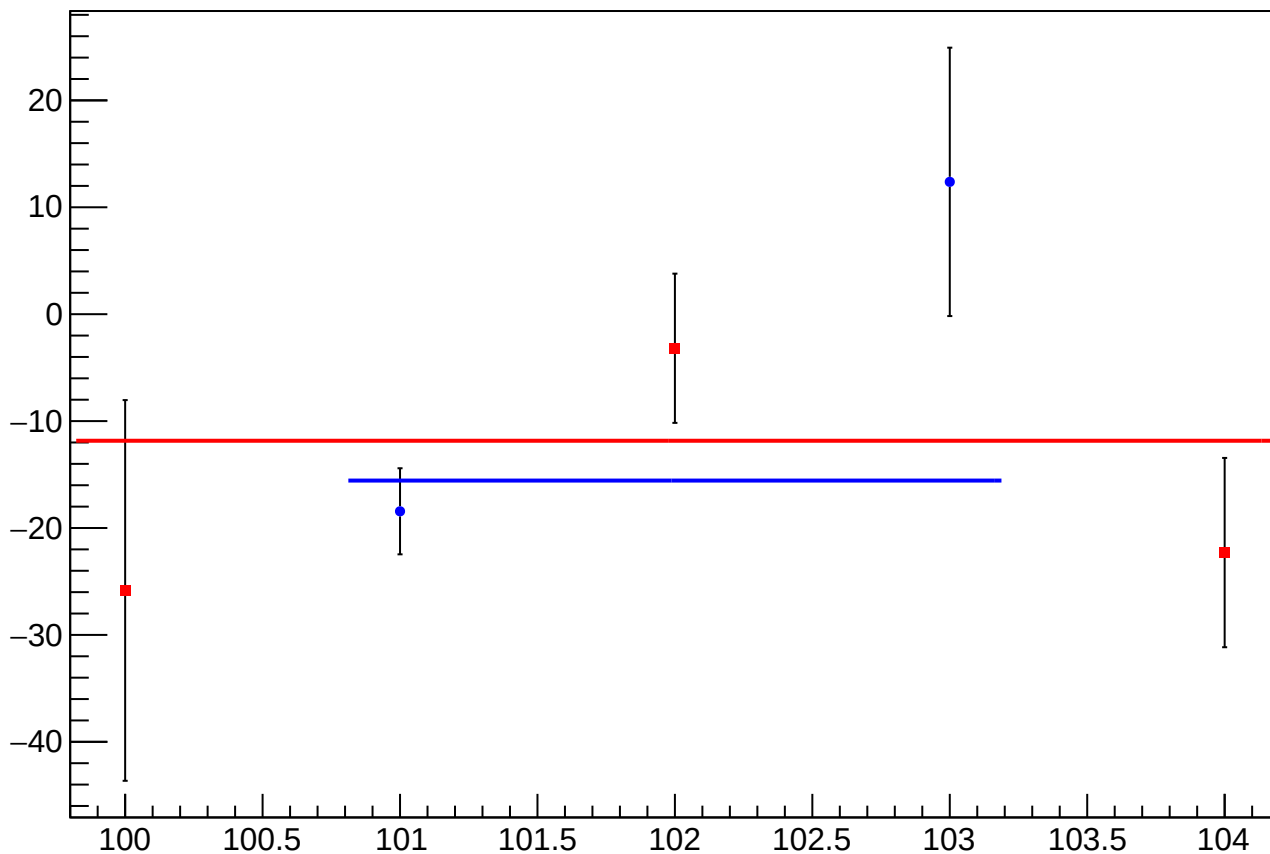
Right: -77.264+/-2.235 χ^2/NDF : 350.0/4

In: -77.326+/-2.827 χ^2/NDF : 259.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.264+/-2.235 χ^2/NDF : 350.0/4

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.563 $\pm$ 3.834 χ^2 /NDF: 5.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.838 $\pm$ 5.238 χ^2 /NDF: 3.6/2

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

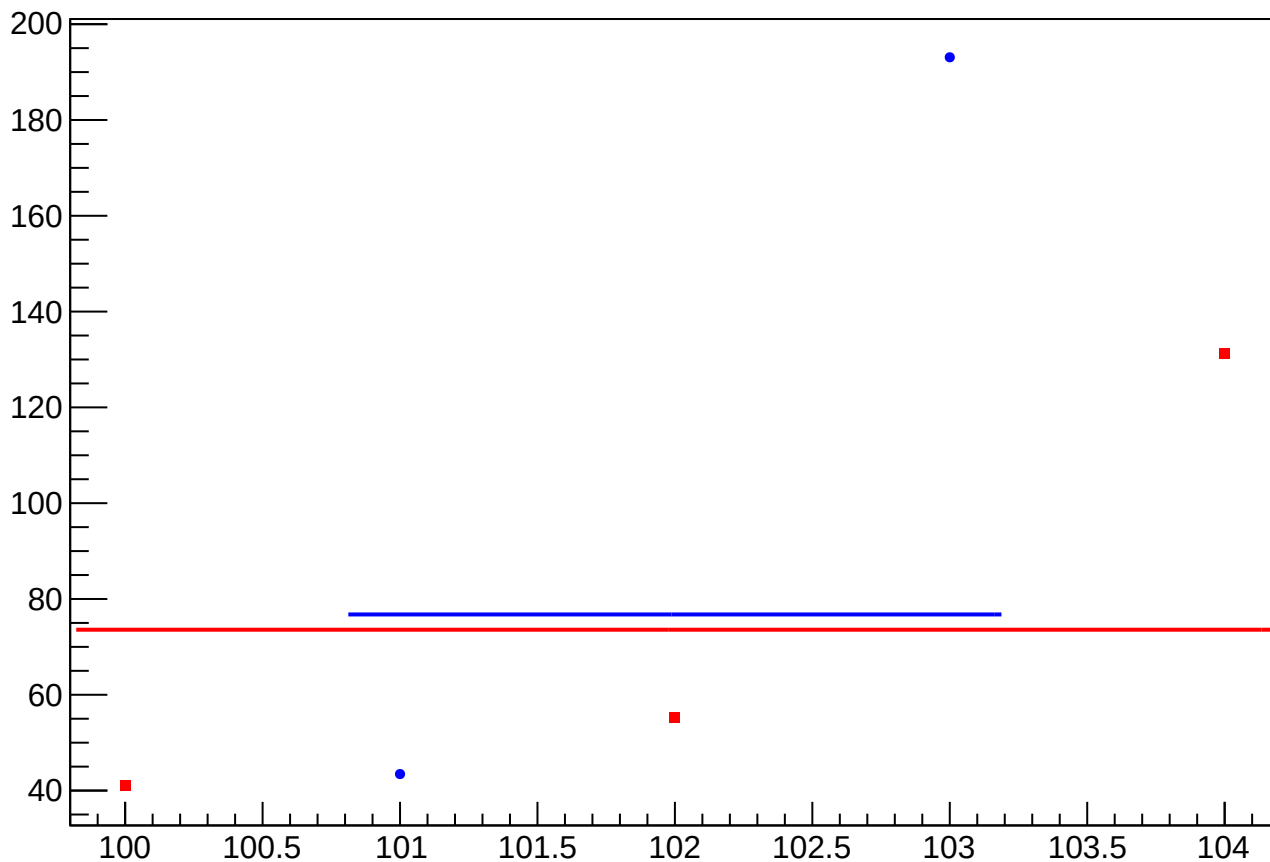
Right: -14.264 $\pm$ 3.094 χ^2 /NDF: 9.3/4

In: -15.563 $\pm$ 3.834 χ^2 /NDF:5.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -14.264 $\pm$ 3.094 χ^2 /NDF: 9.3/4

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: 73.583 $\pm$ 0.169 χ^2 /NDF: 40165.1/2

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

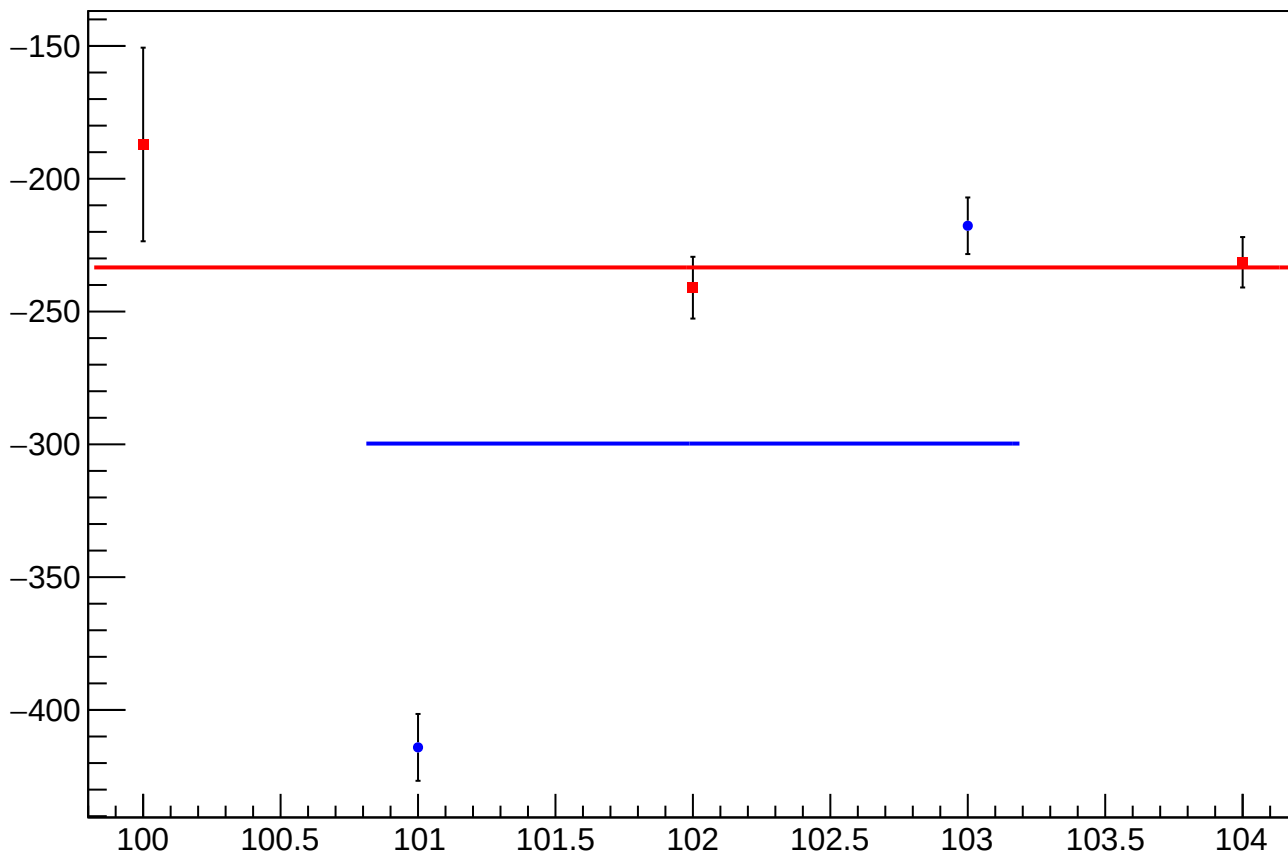
Right: 75.282 $\pm$ 0.116 χ^2 /NDF: 194471.5/4

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: 75.282 $\pm$ 0.116 χ^2 /NDF: 194471.5/4

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: -233.390+/-7.208 χ^2 /NDF: 2.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

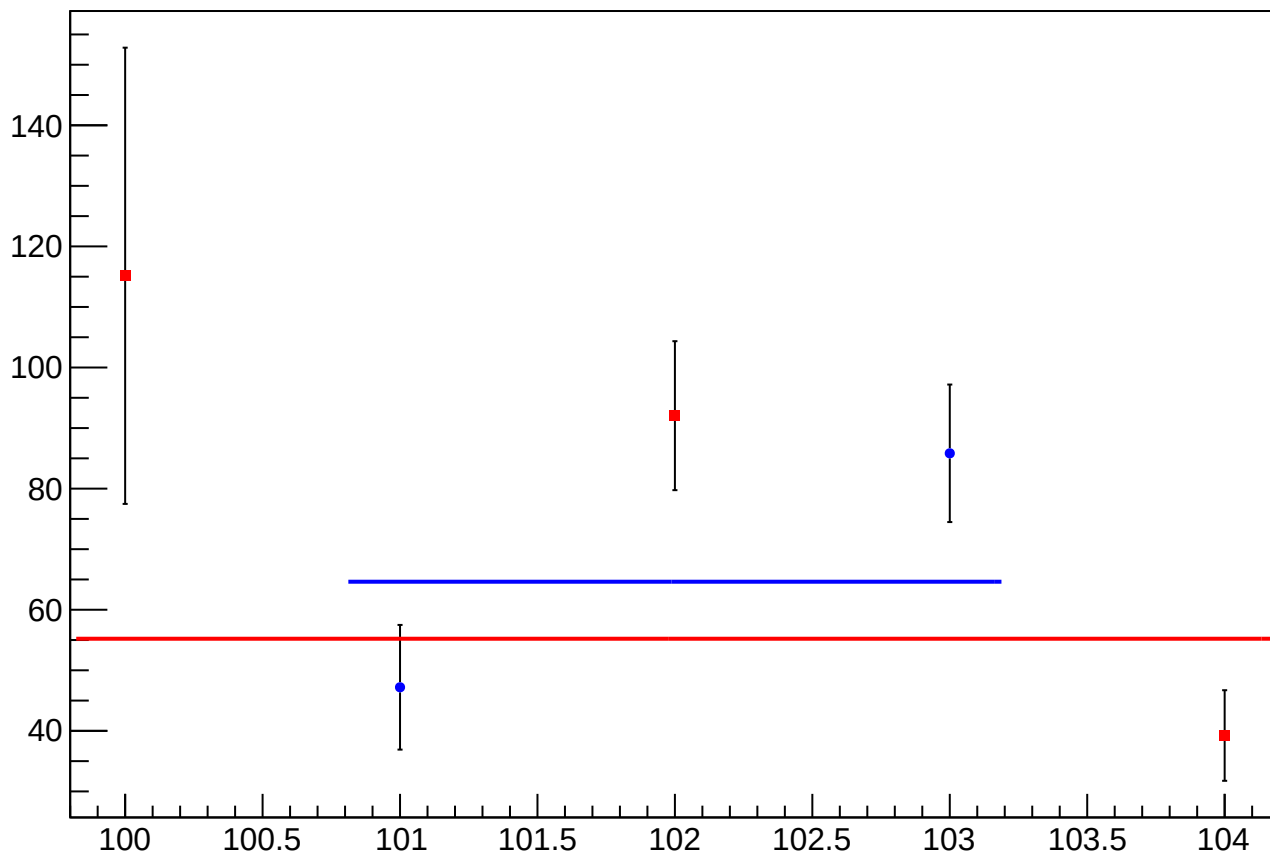
Right: -262.574+/-5.394 χ^2 /NDF: 181.2/4

In: -299.706+/-8.131 χ^2 /NDF:141.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -262.574+/-5.394 χ^2 /NDF: 181.2/4

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: 55.213+/-6.300 χ^2/NDF : 16.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

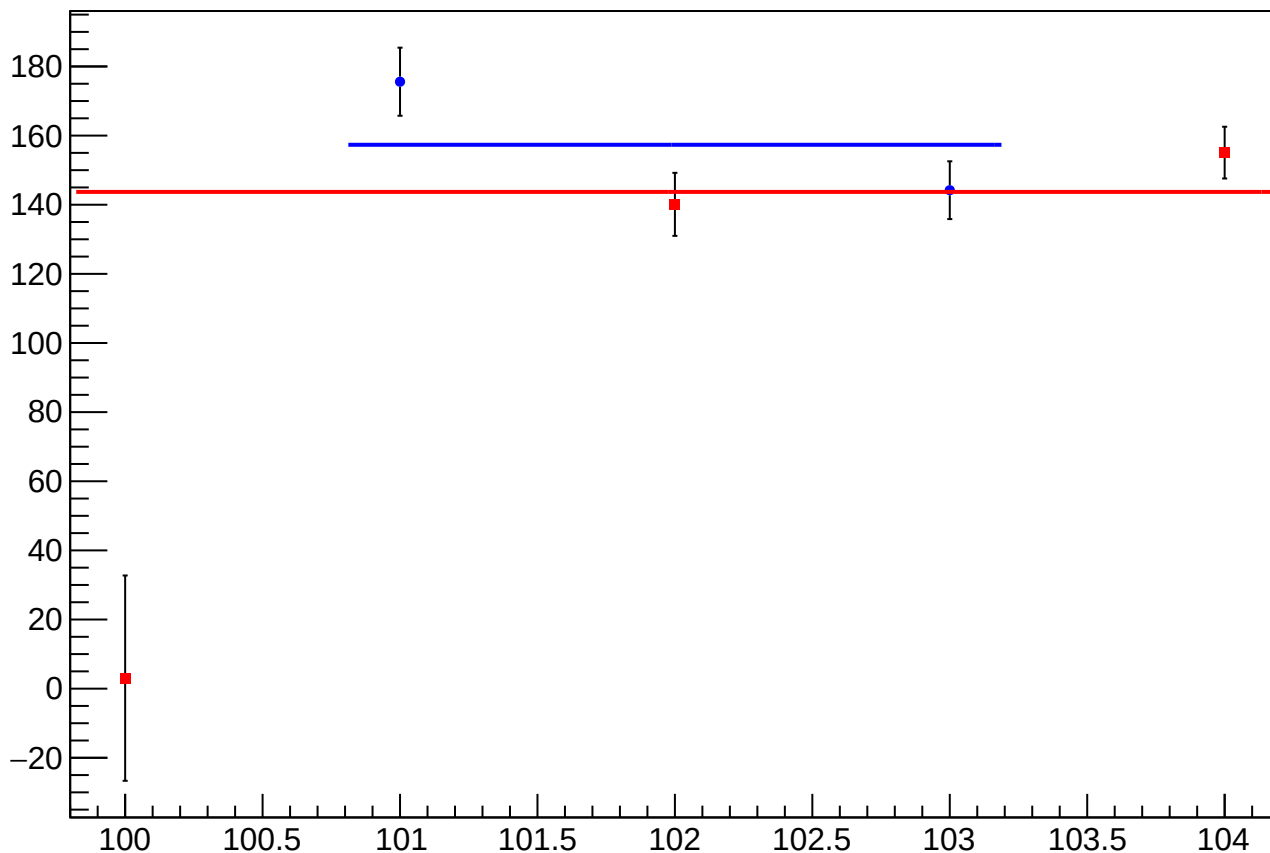
Right: 59.032+/-4.857 χ^2/NDF : 23.3/4

In: 64.628+/-7.626 χ^2/NDF : 6.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.032+/-4.857 χ^2/NDF : 23.3/4

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: 143.709 $\pm$ 5.679 χ^2 /NDF: 24.9/2

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

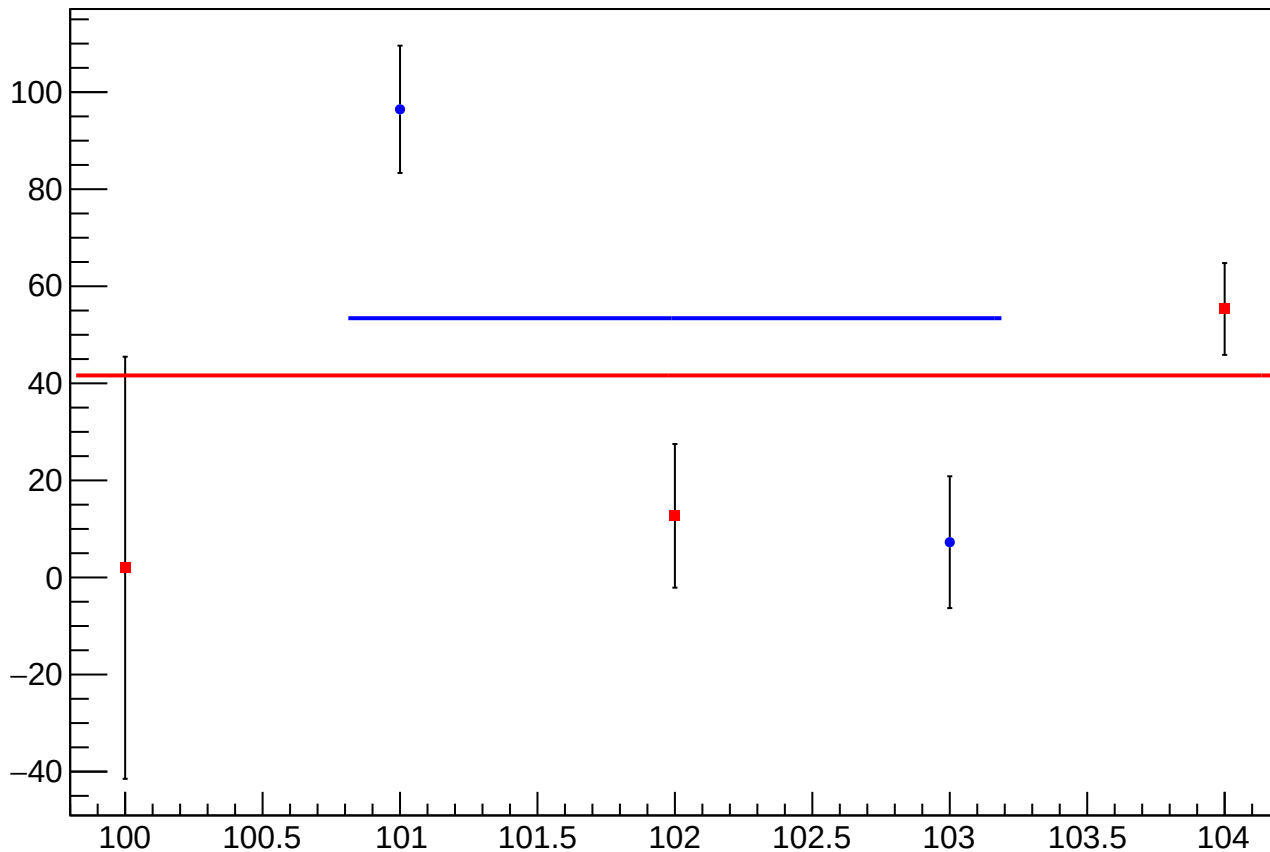
Right: 149.743 $\pm$ 4.240 χ^2 /NDF: 33.3/4

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: 149.743 $\pm$ 4.240 χ^2 /NDF: 33.3/4

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.420+/-9.436 χ^2/NDF : 22.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.627+/-7.841 χ^2/NDF : 6.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

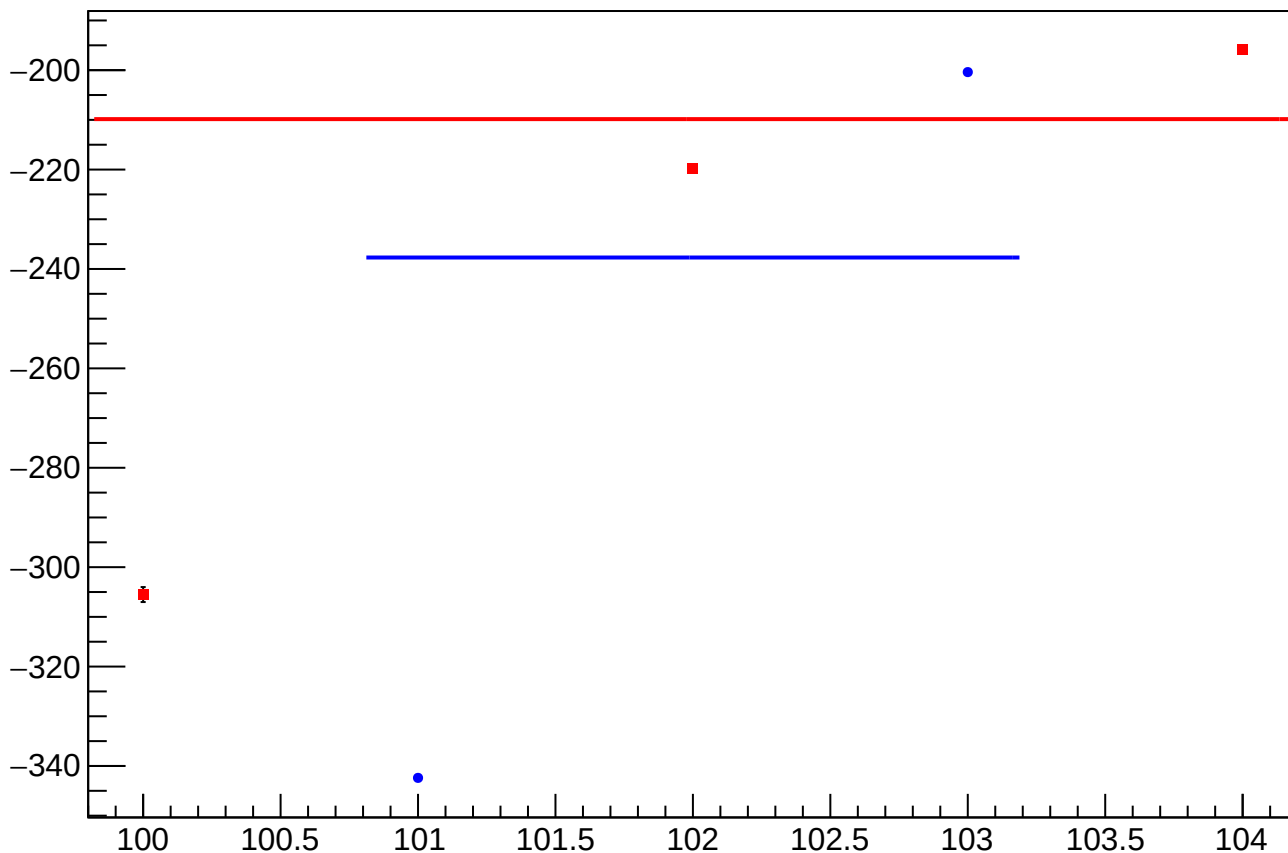
Right: 46.444+/-6.030 χ^2/NDF : 30.0/4

In: 53.420+/-9.436 χ^2/NDF : 22.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.444+/-6.030 χ^2/NDF : 30.0/4

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: -209.849+/-0.262 χ^2/NDF : 6161.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

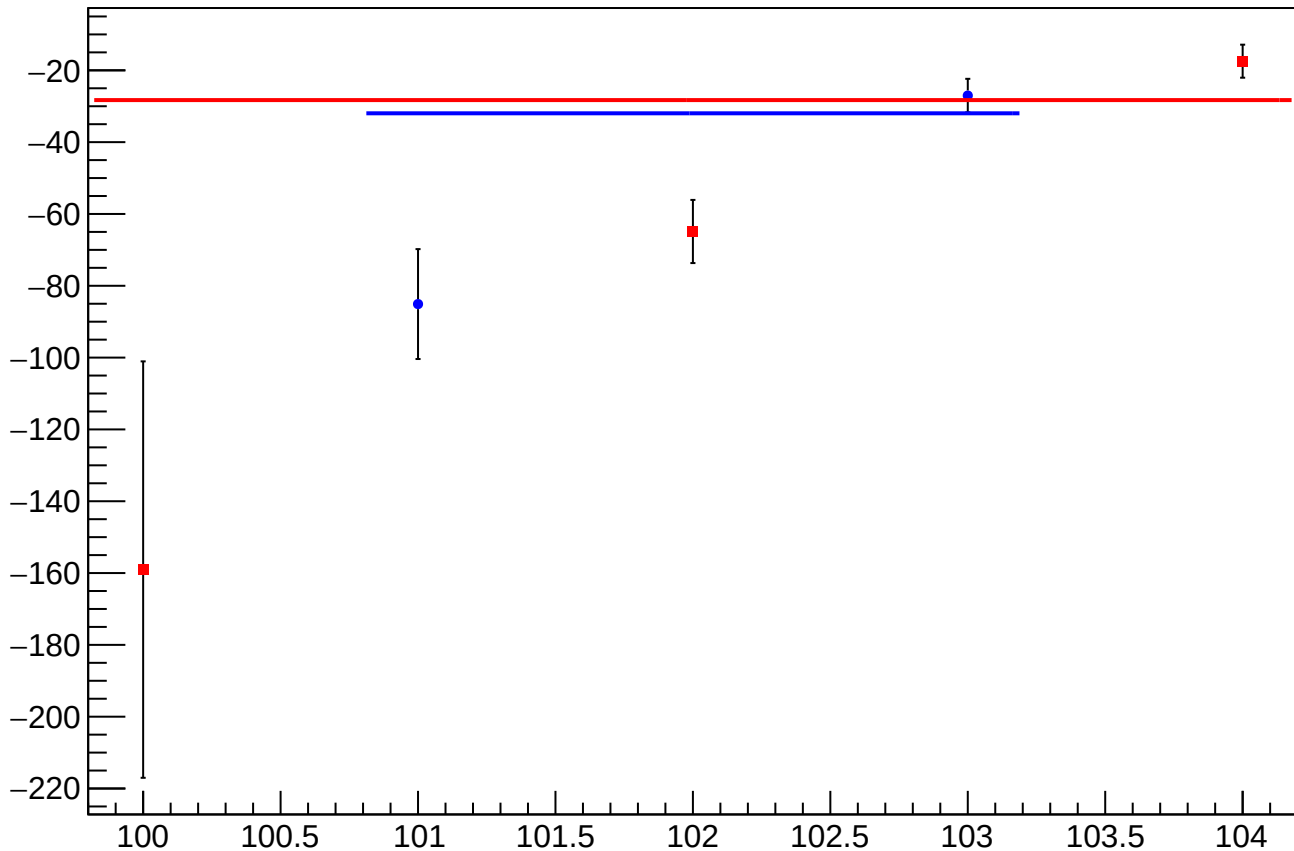
Right: -221.843+/-0.198 χ^2/NDF : 53968.5/4

In: -237.695+/-0.302 χ^2/NDF : 42953.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.843+/-0.198 χ^2/NDF : 53968.5/4

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: -28.288 $\pm$ 4.065 χ^2 /NDF: 28.0/2

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

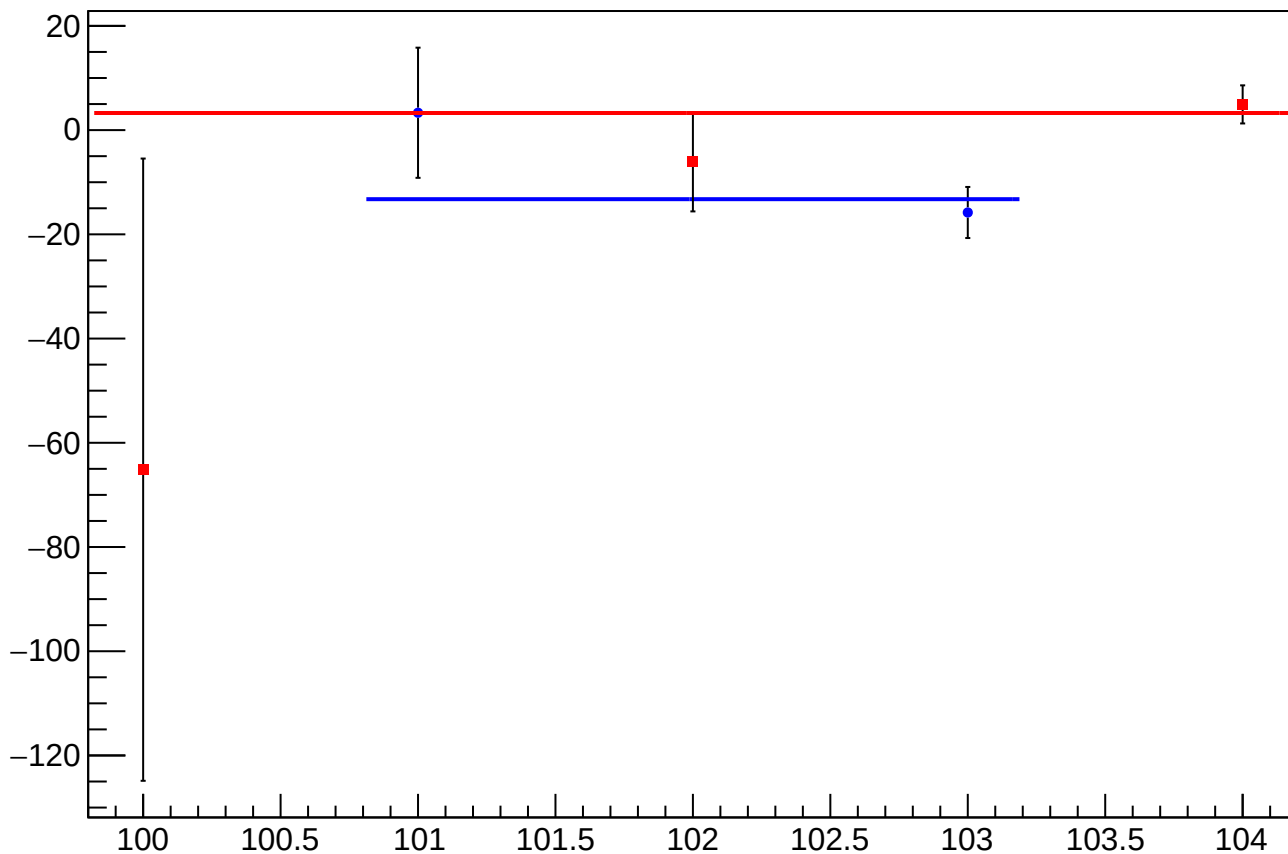
Right: -29.958 $\pm$ 3.005 χ^2 /NDF: 41.5/4

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: -29.958 $\pm$ 3.005 χ^2 /NDF: 41.5/4

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -13.253+/-4.562 χ^2/NDF : 2.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.284+/-3.406 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

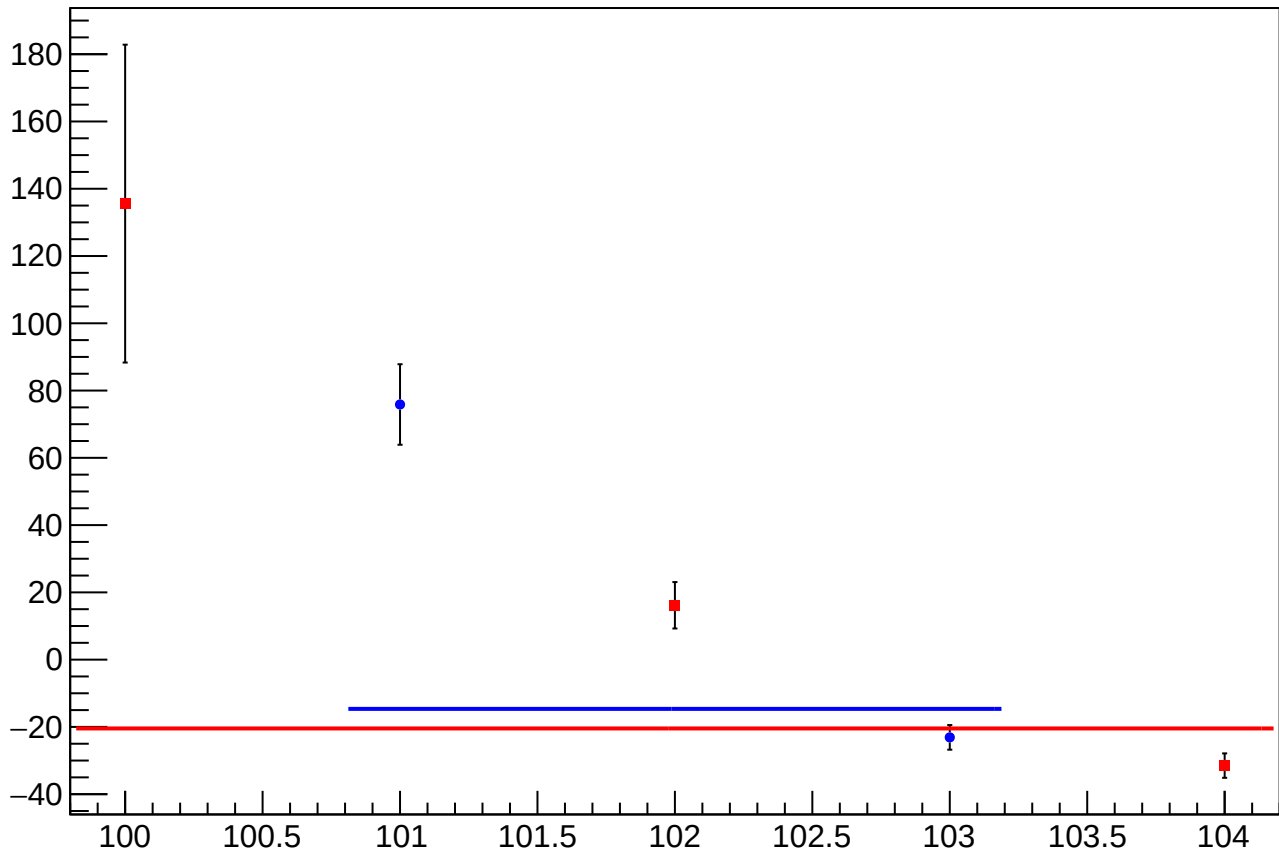
Right: -2.635+/-2.729 χ^2/NDF : 13.0/4

In: -13.253+/-4.562 χ^2/NDF : 2.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.635+/-2.729 χ^2/NDF : 13.0/4

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: -20.459 $\pm$ 3.204 χ^2 /NDF: 48.3/2

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

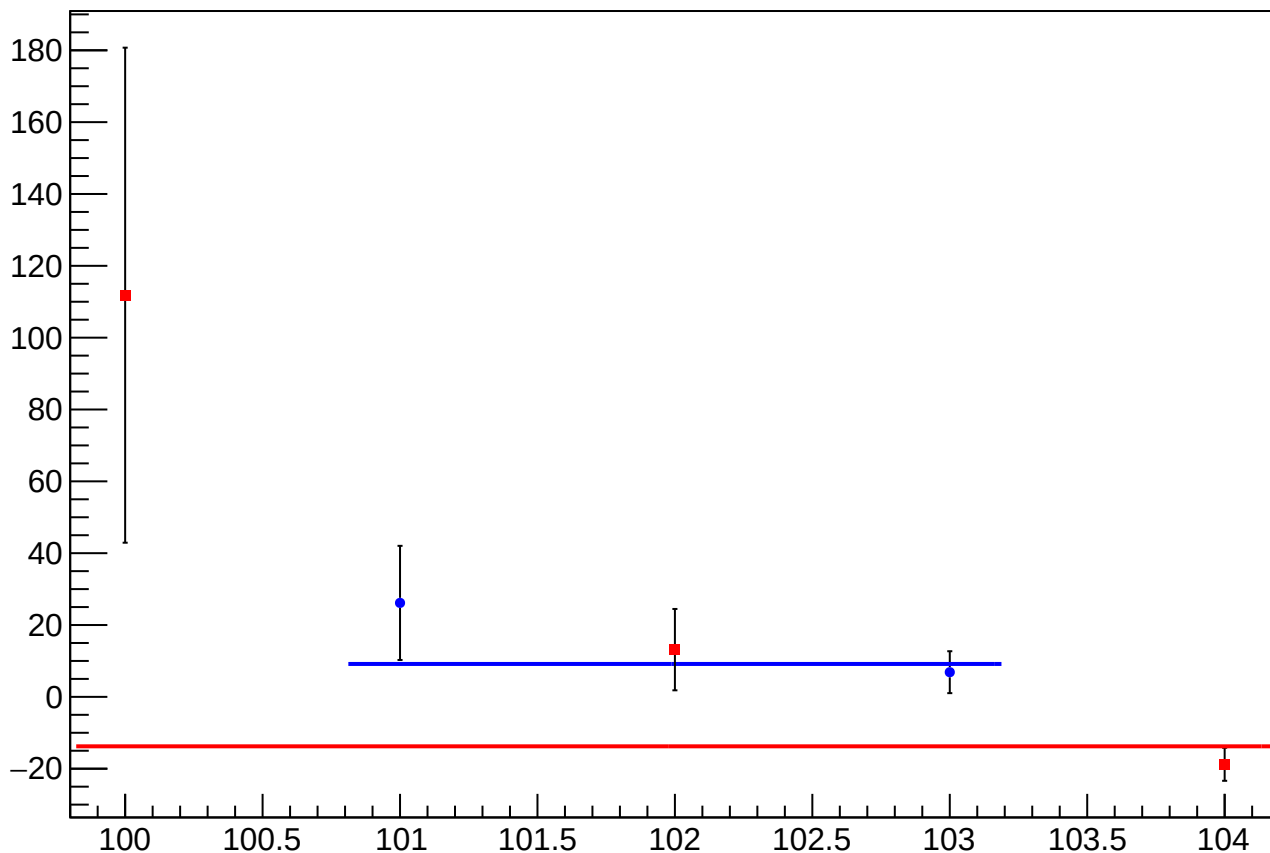
Right: -17.806 $\pm$ 2.364 χ^2 /NDF: 112.3/4

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: -17.806 $\pm$ 2.364 χ^2 /NDF: 112.3/4

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: -13.770+/-4.253 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

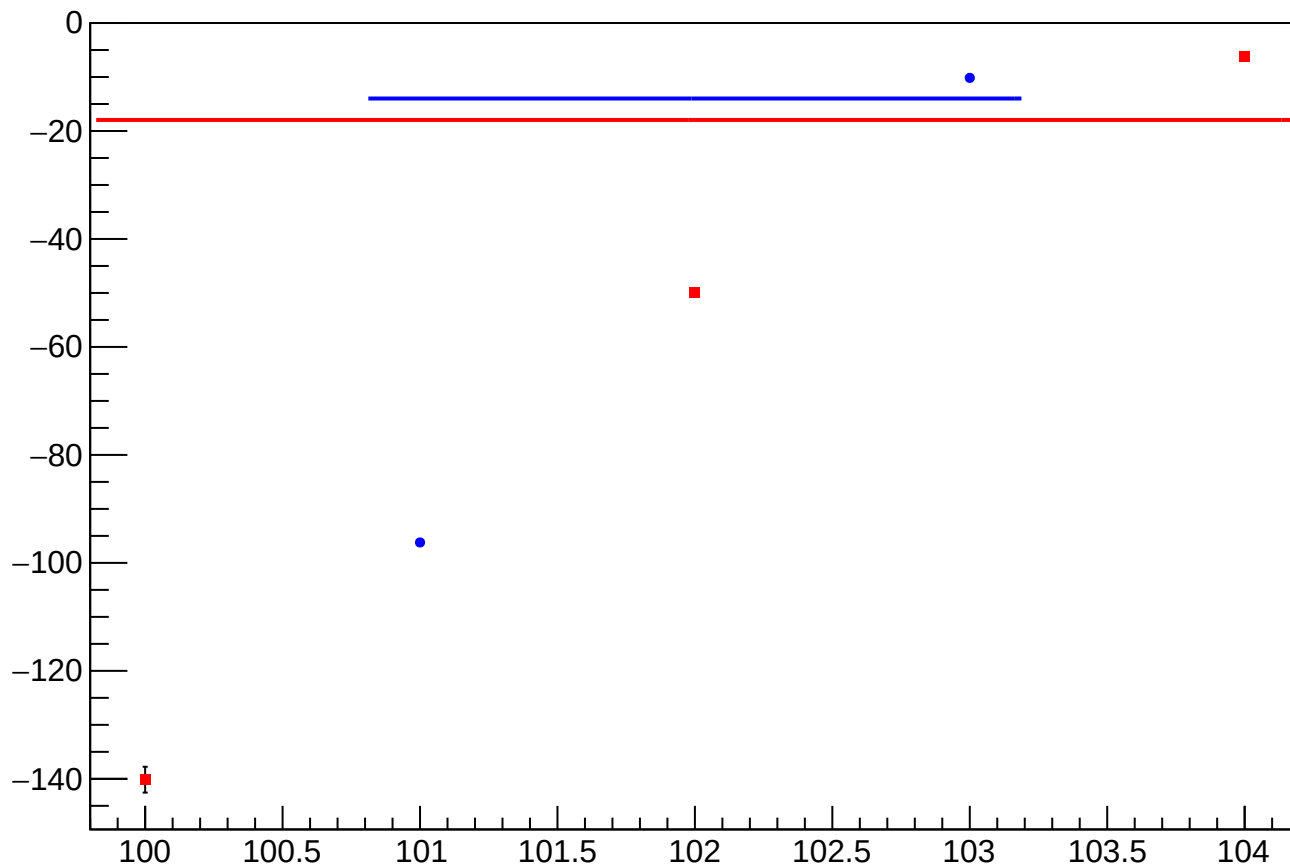
Right: -5.145+/-3.359 χ^2/NDF : 22.4/4

In: 9.162+/-5.477 χ^2/NDF : 1.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.145+/-3.359 χ^2/NDF : 22.4/4

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.985 ± 0.149 χ^2/NDF : 14100.1/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.955 ± 0.148 χ^2/NDF : 19268.3/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

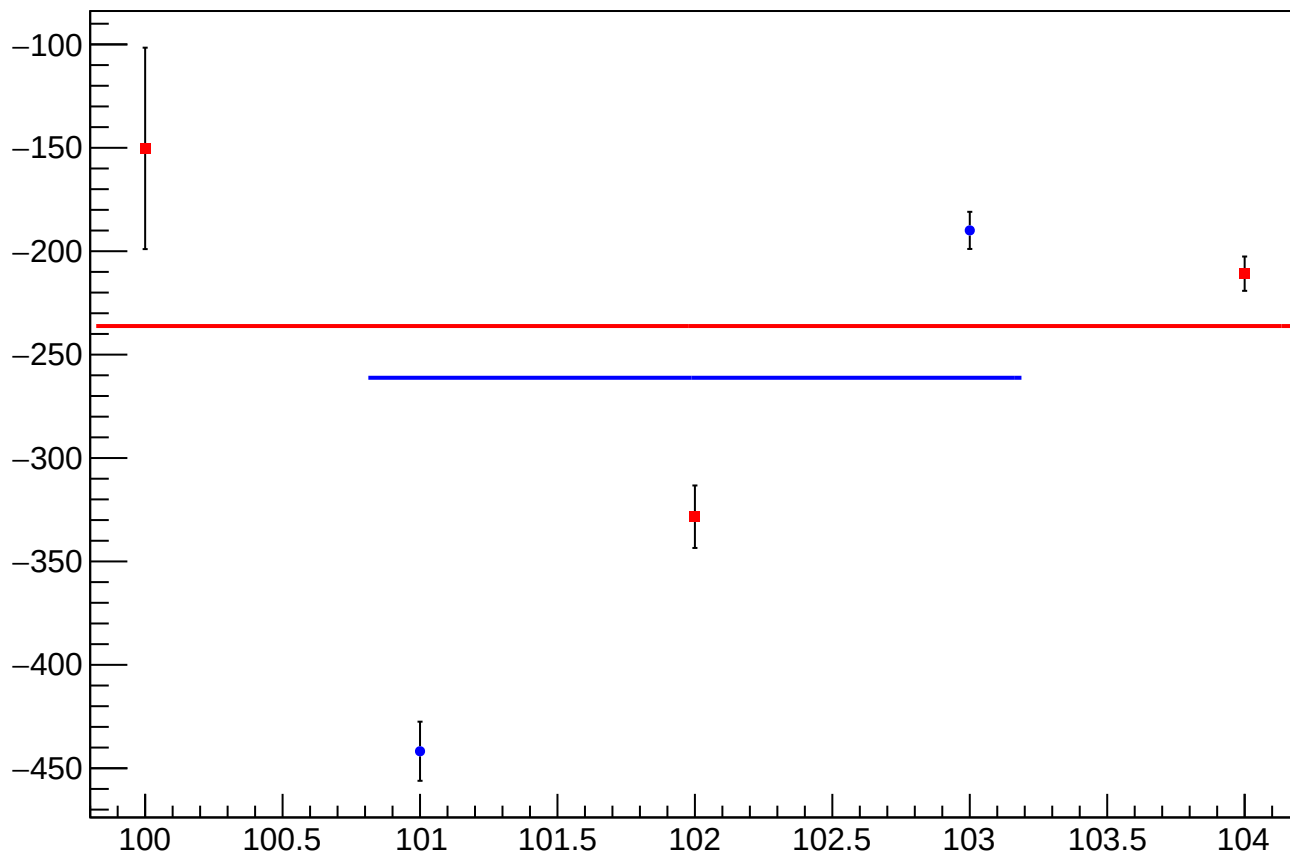
Right: -15.984 ± 0.105 χ^2/NDF : 33724.5/4

In: -13.985 ± 0.149 χ^2/NDF : 14100.1/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.984 ± 0.105 χ^2/NDF : 33724.5/4

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: -236.178+/-7.192 χ^2/NDF : 49.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

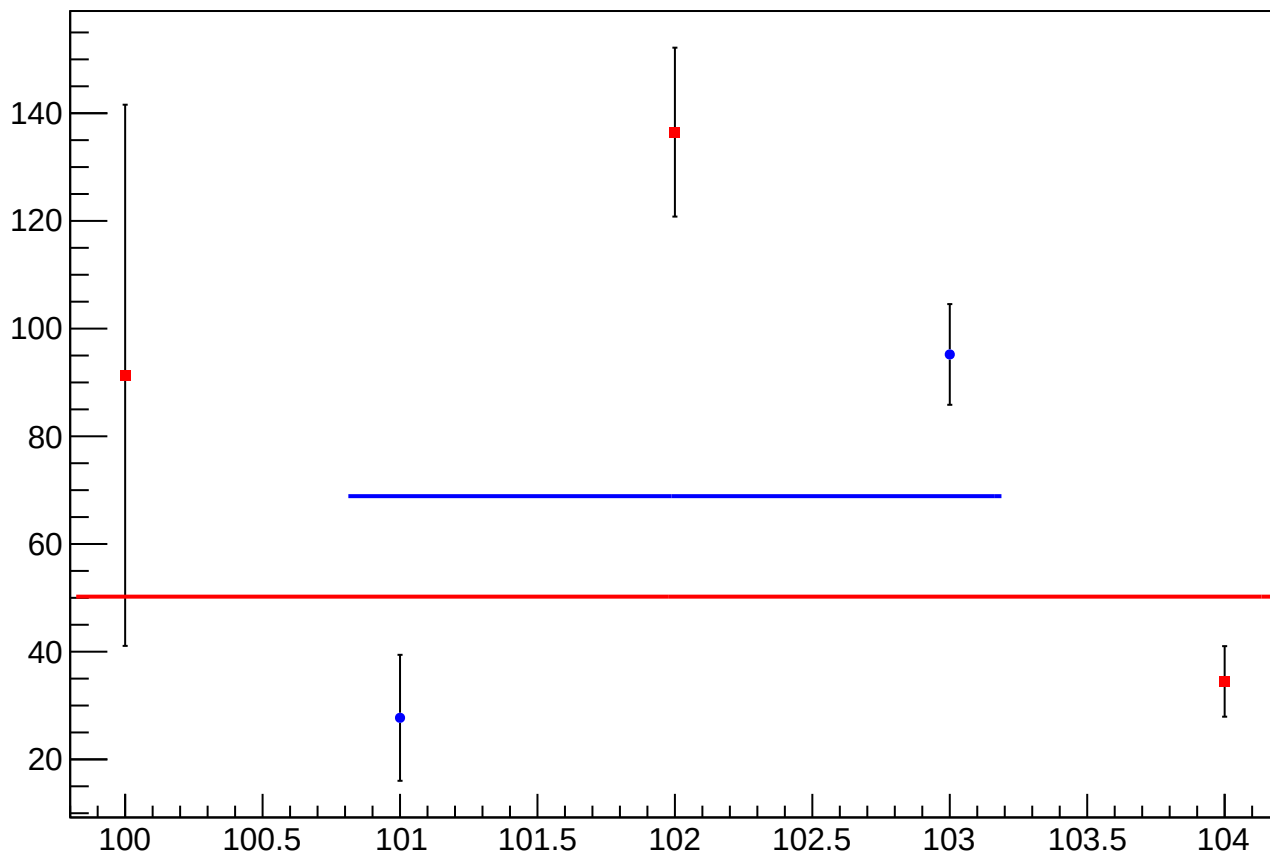
Right: -247.991+/-5.224 χ^2/NDF : 278.1/4

In: -261.190+/-7.602 χ^2/NDF : 222.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -247.991+/-5.224 χ^2/NDF : 278.1/4

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: 50.223+/-6.001 χ^2/NDF : 36.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

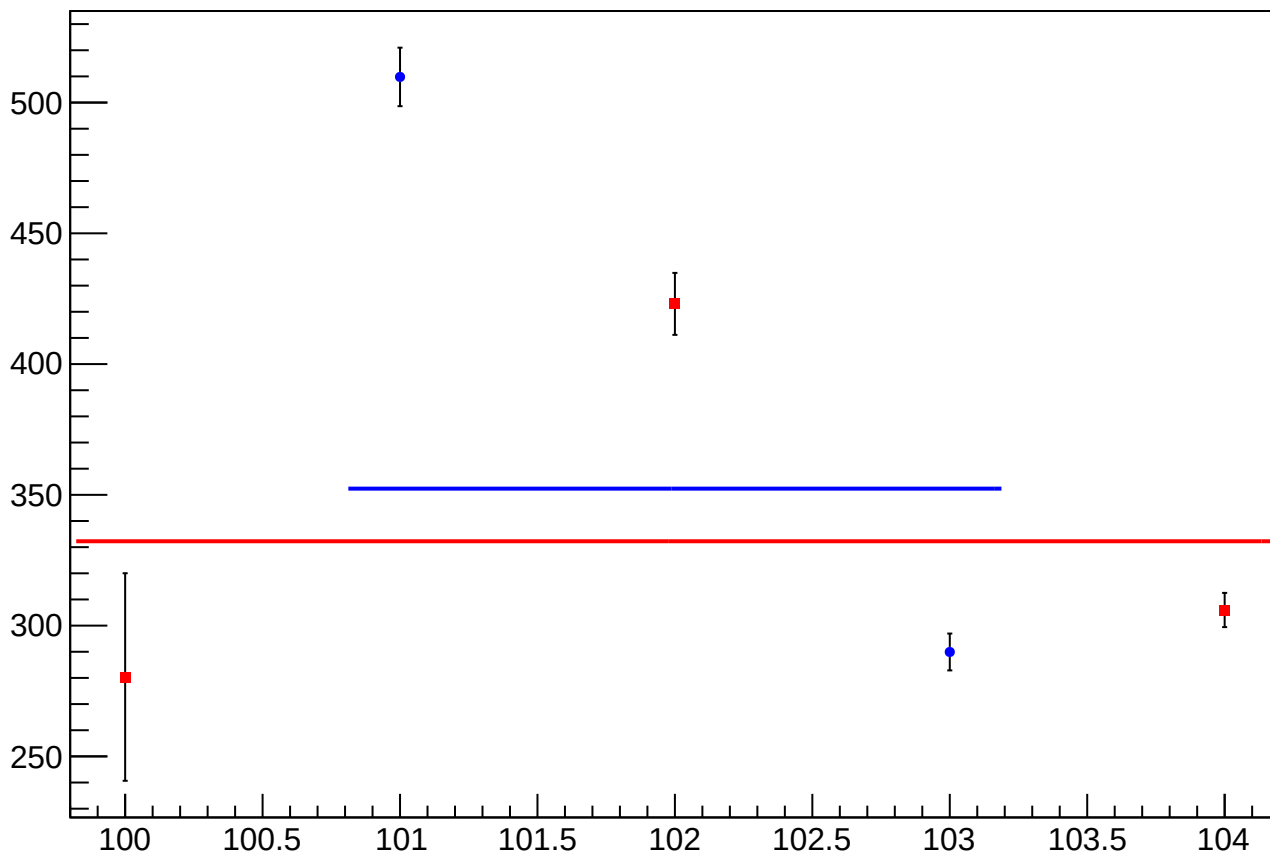
Right: 57.743+/-4.637 χ^2/NDF : 60.9/4

In: 68.884+/-7.304 χ^2/NDF : 20.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.743+/-4.637 χ^2/NDF : 60.9/4

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 352.379+/-5.961 χ^2/NDF : 276.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 332.258+/-5.669 χ^2/NDF : 76.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

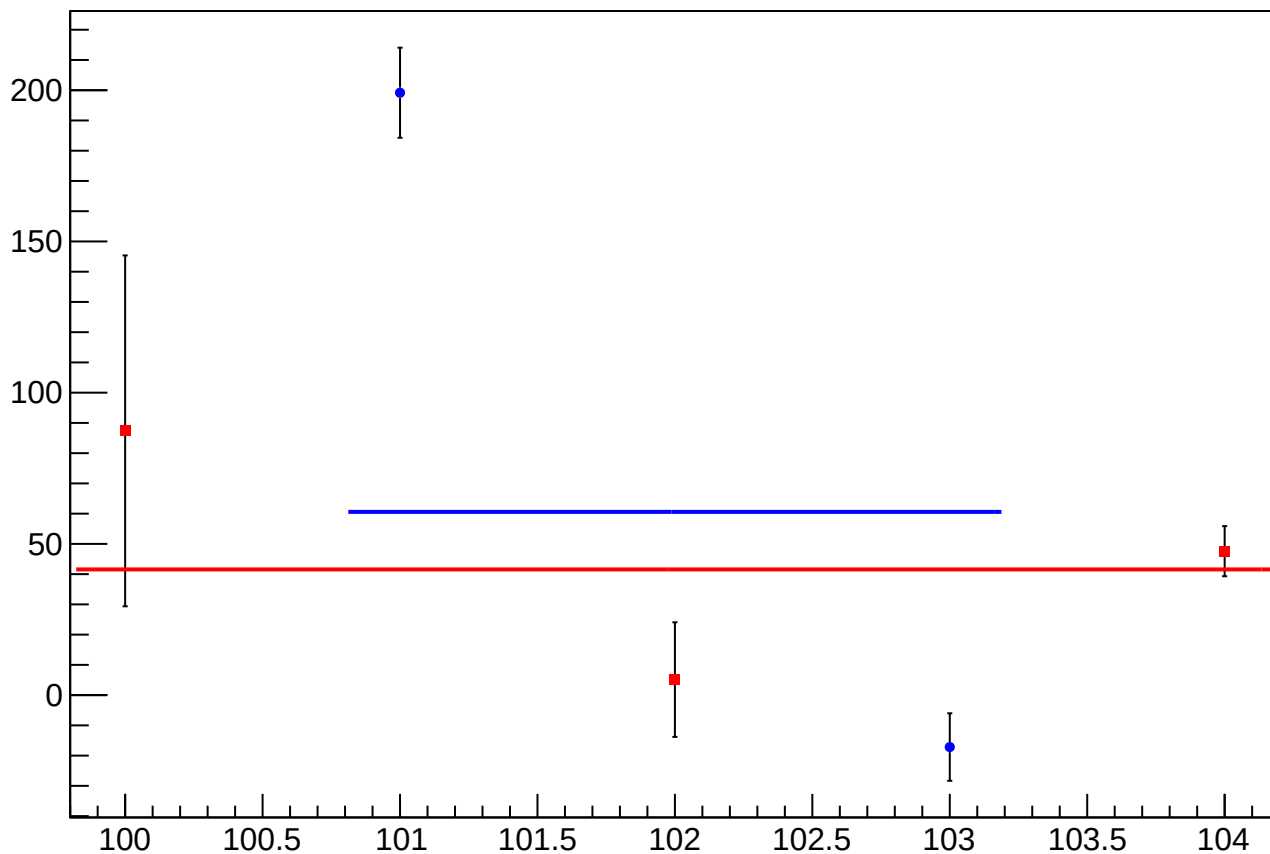
Right: 341.813+/-4.108 χ^2/NDF : 359.2/4

In: 352.379+/-5.961 χ^2/NDF : 276.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.813+/-4.108 χ^2/NDF : 359.2/4

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: 41.561+/-7.528 χ^2/NDF : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

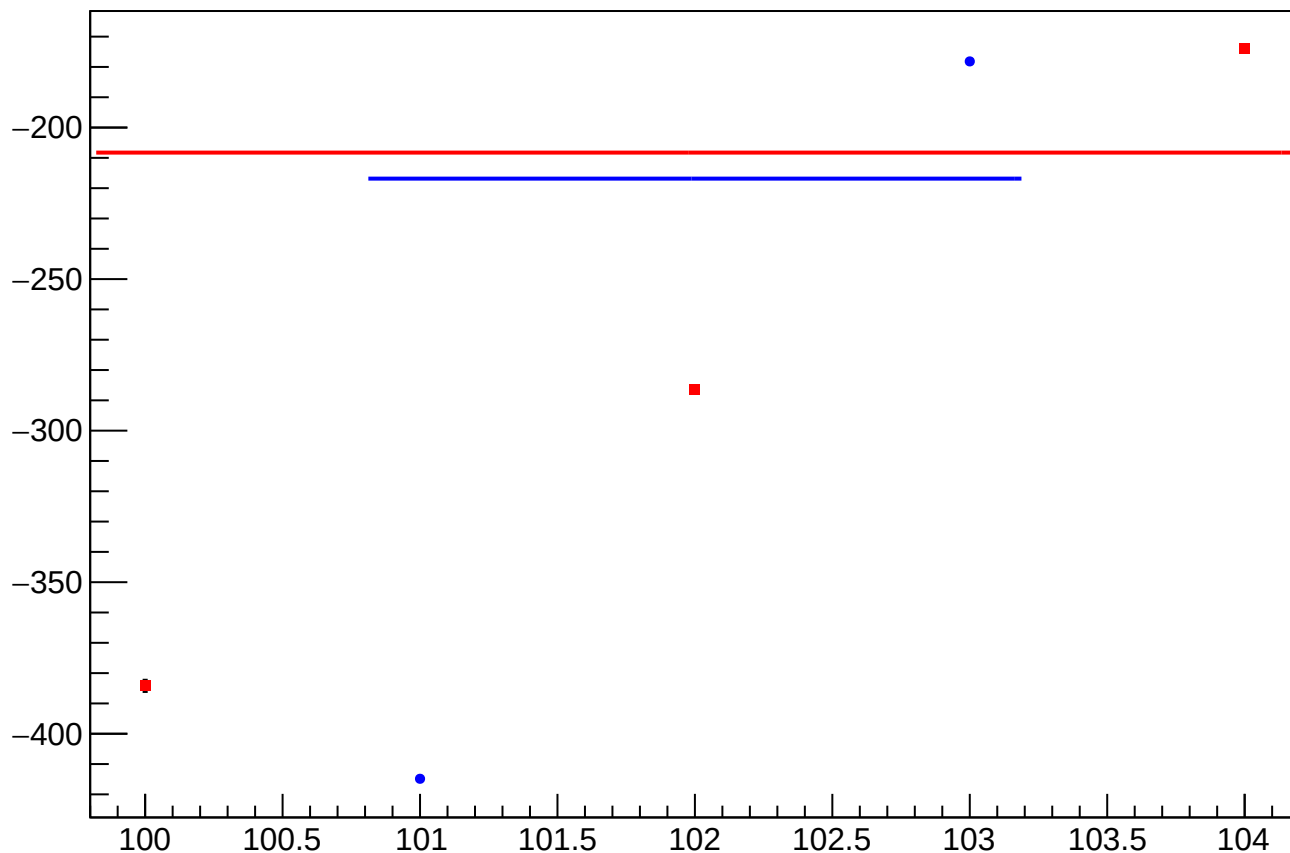
Right: 49.463+/-5.756 χ^2/NDF : 142.6/4

In: 60.586+/-8.931 χ^2/NDF : 135.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.463+/-5.756 χ^2/NDF : 142.6/4

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: -208.261 ± 0.267 $\chi^2/\text{NDF}: 42848.3/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

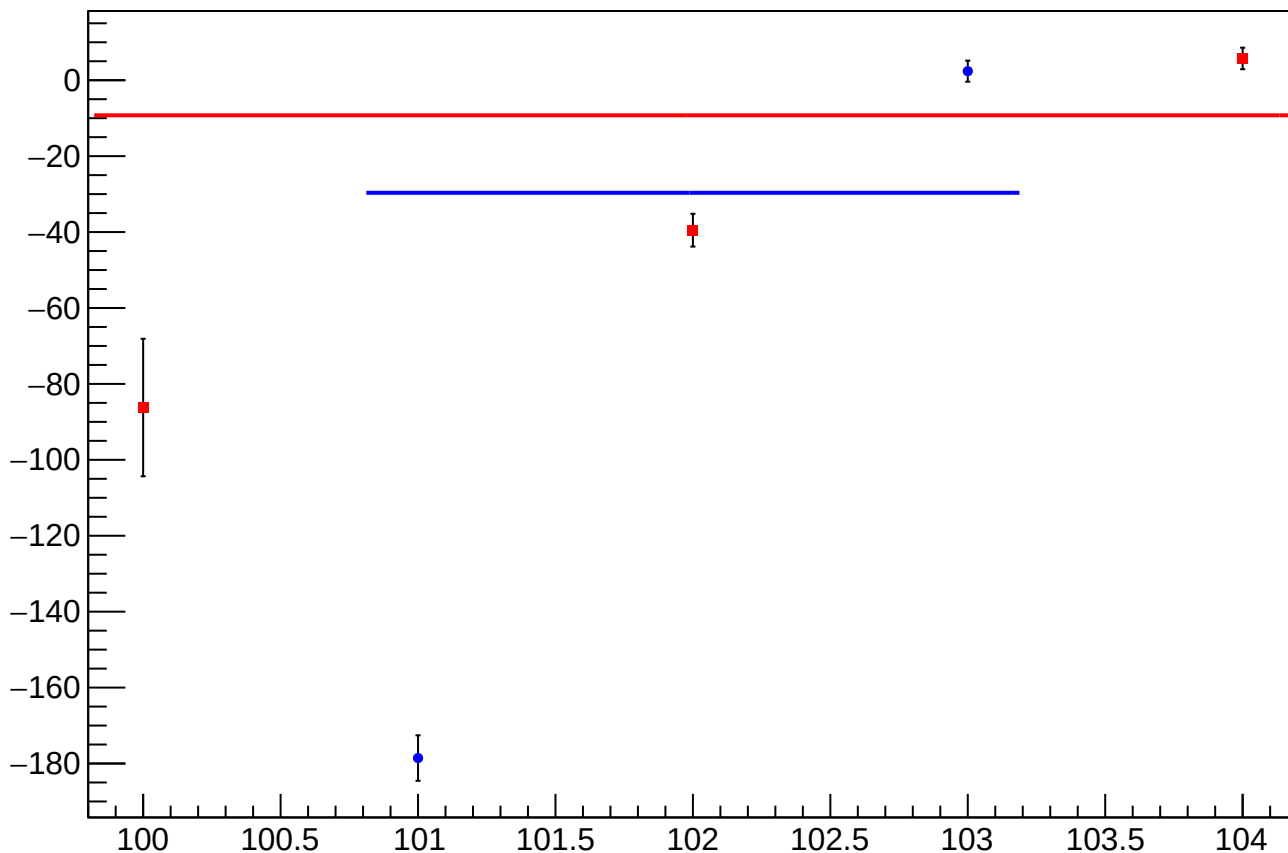
Right: -212.502 ± 0.190 $\chi^2/\text{NDF}: 148598.1/4$

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: -212.502 ± 0.190 $\chi^2/\text{NDF}: 148598.1/4$

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.655 $\pm$ 2.521 χ^2 /NDF: 750.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -9.241 $\pm$ 2.353 χ^2 /NDF: 95.0/2

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

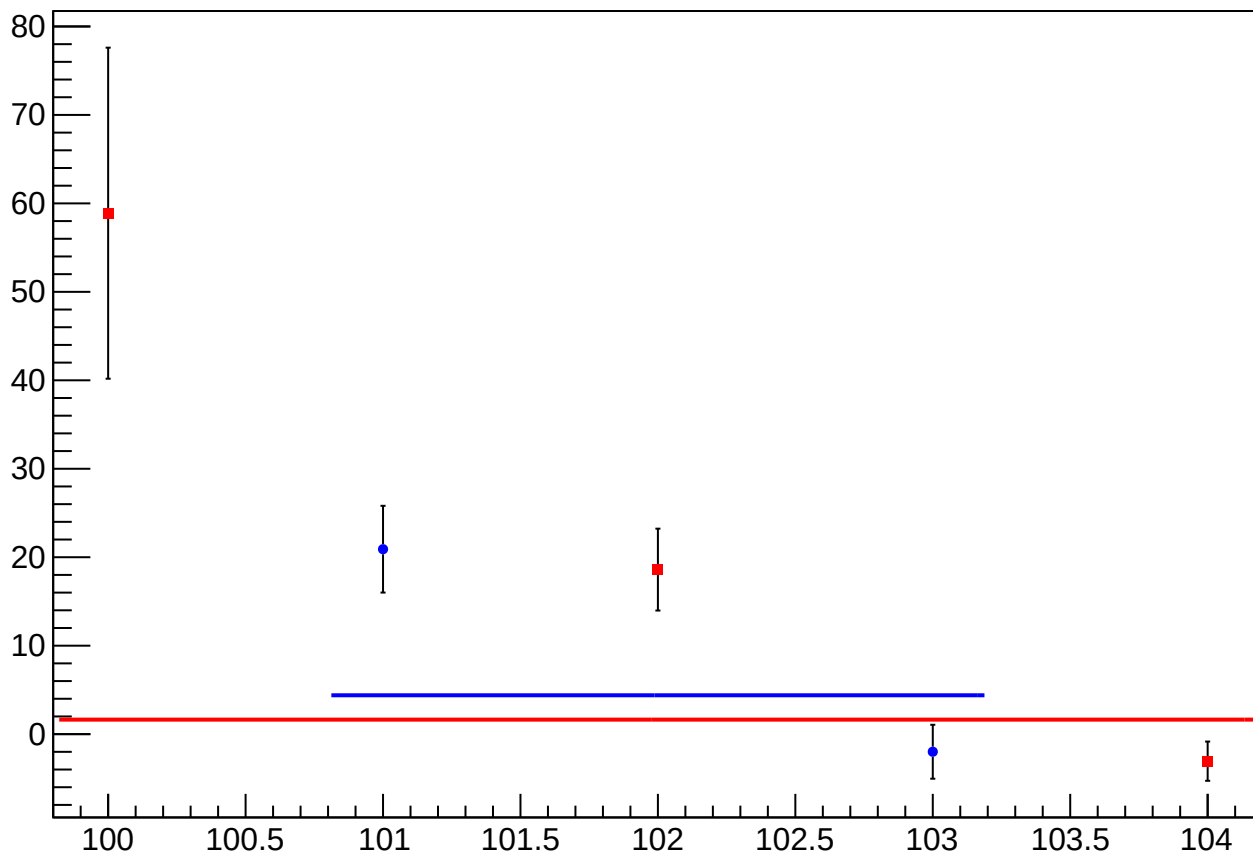
Right: -18.742 $\pm$ 1.720 χ^2 /NDF: 880.6/4

In: -29.655 $\pm$ 2.521 χ^2 /NDF:750.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.742 $\pm$ 1.720 χ^2 /NDF: 880.6/4

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: 1.642+/-1.989 χ^2/NDF : 27.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

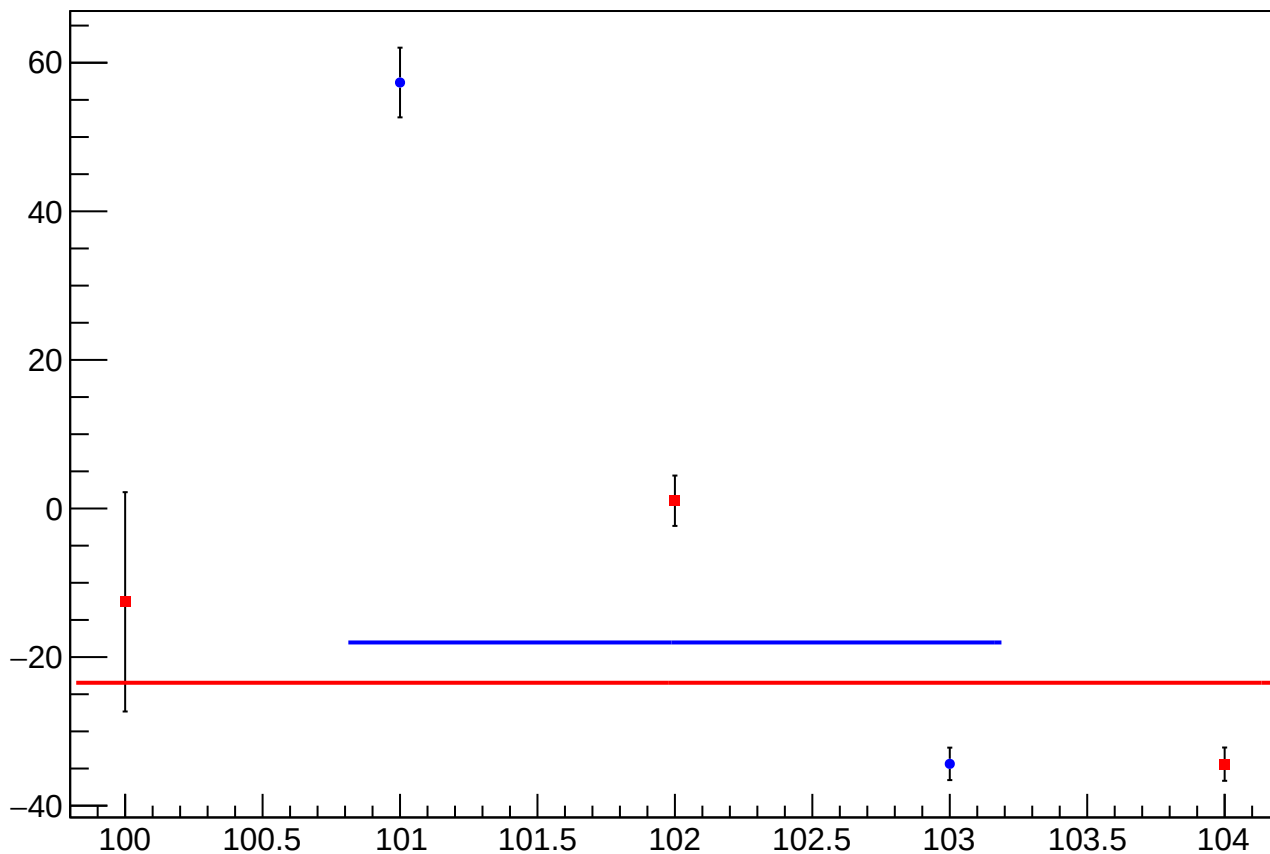
Right: 2.663+/-1.577 χ^2/NDF : 43.7/4

In: 4.393+/-2.588 χ^2/NDF : 15.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.663+/-1.577 χ^2/NDF : 43.7/4

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.032 ± 1.980 $\chi^2/\text{NDF}: 314.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.456 ± 1.854 $\chi^2/\text{NDF}: 76.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

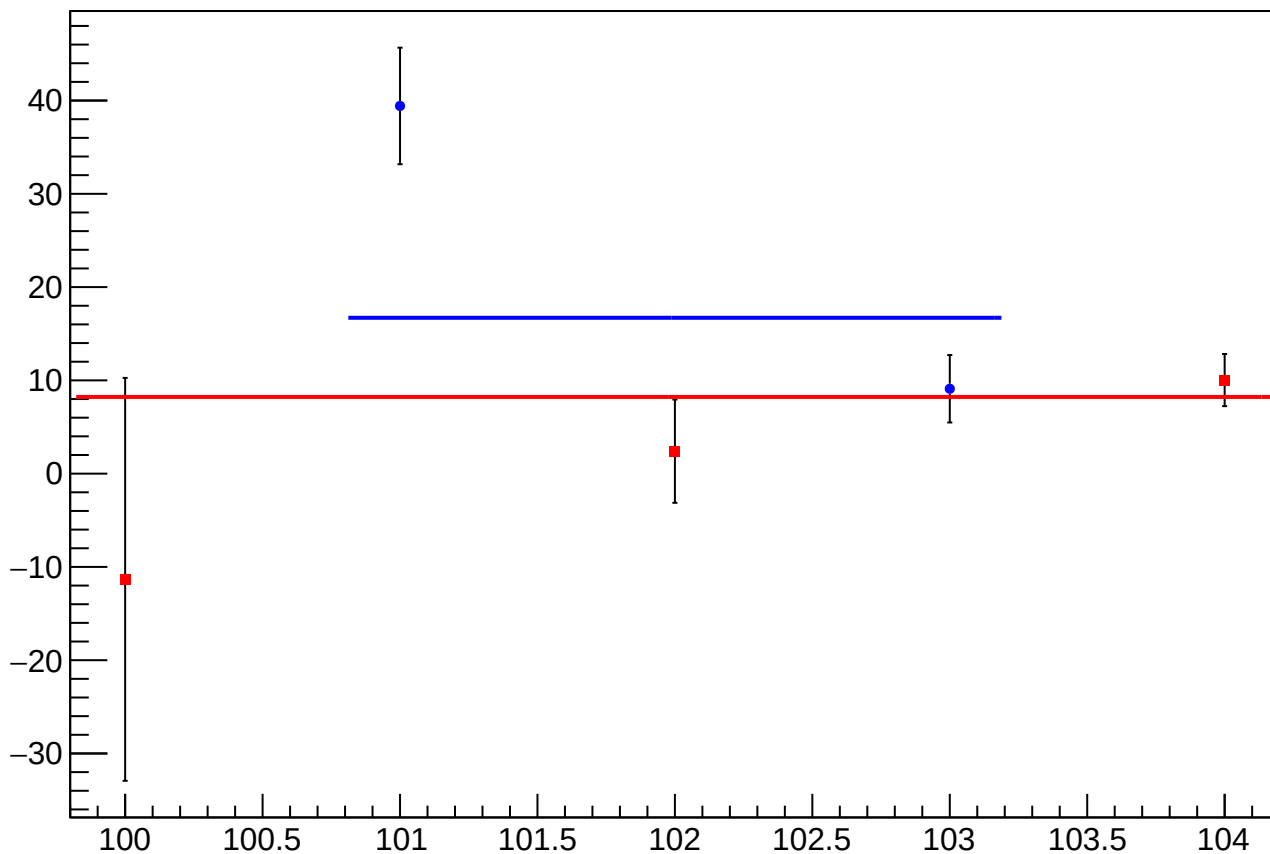
Right: -20.922 ± 1.353 $\chi^2/\text{NDF}: 394.9/4$

In: -18.032 ± 1.980 $\chi^2/\text{NDF}: 314.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.922 ± 1.353 $\chi^2/\text{NDF}: 394.9/4$

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: 8.224 $\pm$ 2.479 χ^2 /NDF: 2.3/2

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

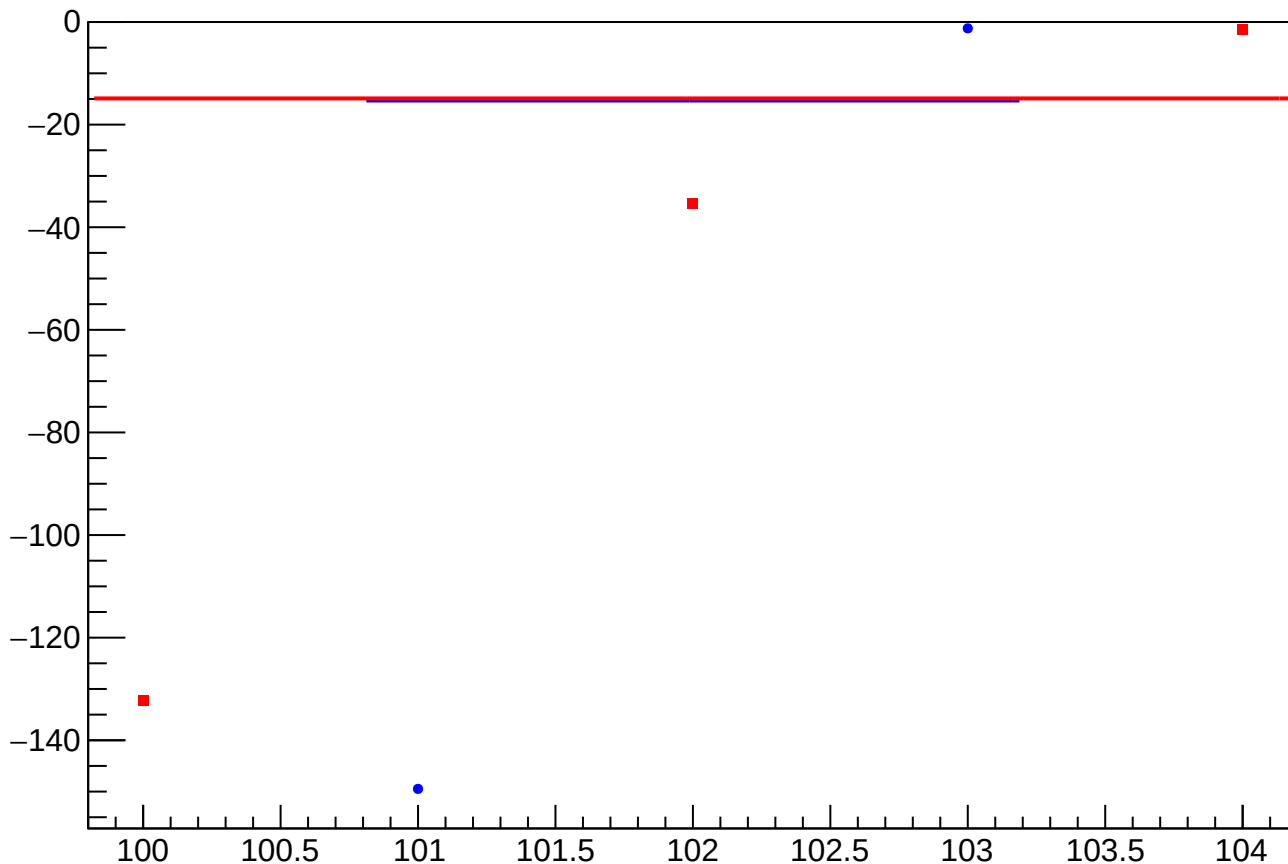
Right: 11.496 $\pm$ 1.943 χ^2 /NDF: 24.5/4

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: 11.496 $\pm$ 1.943 χ^2 /NDF: 24.5/4

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: -14.896+/-0.085 χ^2/NDF : 60957.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

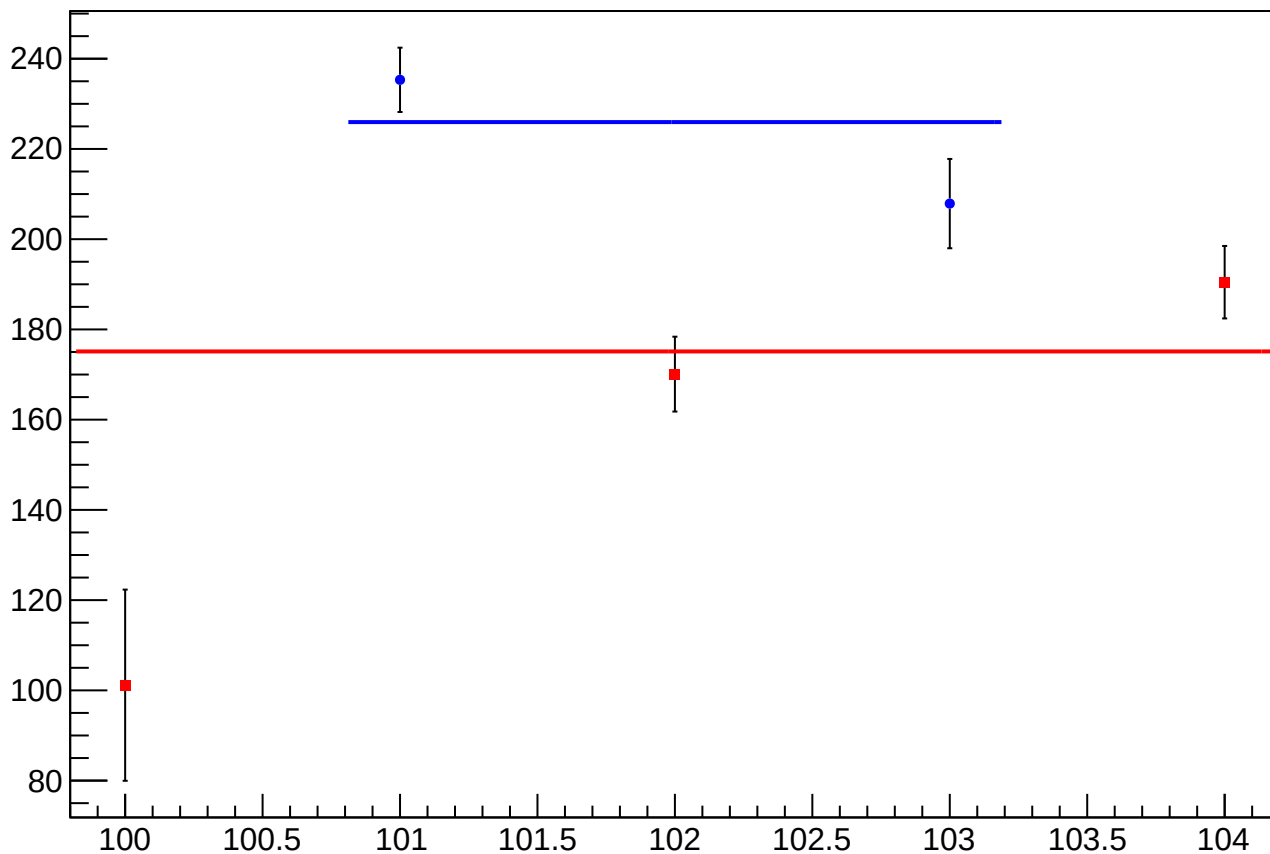
Right: -15.094+/-0.060 χ^2/NDF : 314586.0/4

In: -15.298+/-0.086 χ^2/NDF : 253617.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.094+/-0.060 χ^2/NDF : 314586.0/4

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: 175.120+/-5.568 χ^2/NDF : 16.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

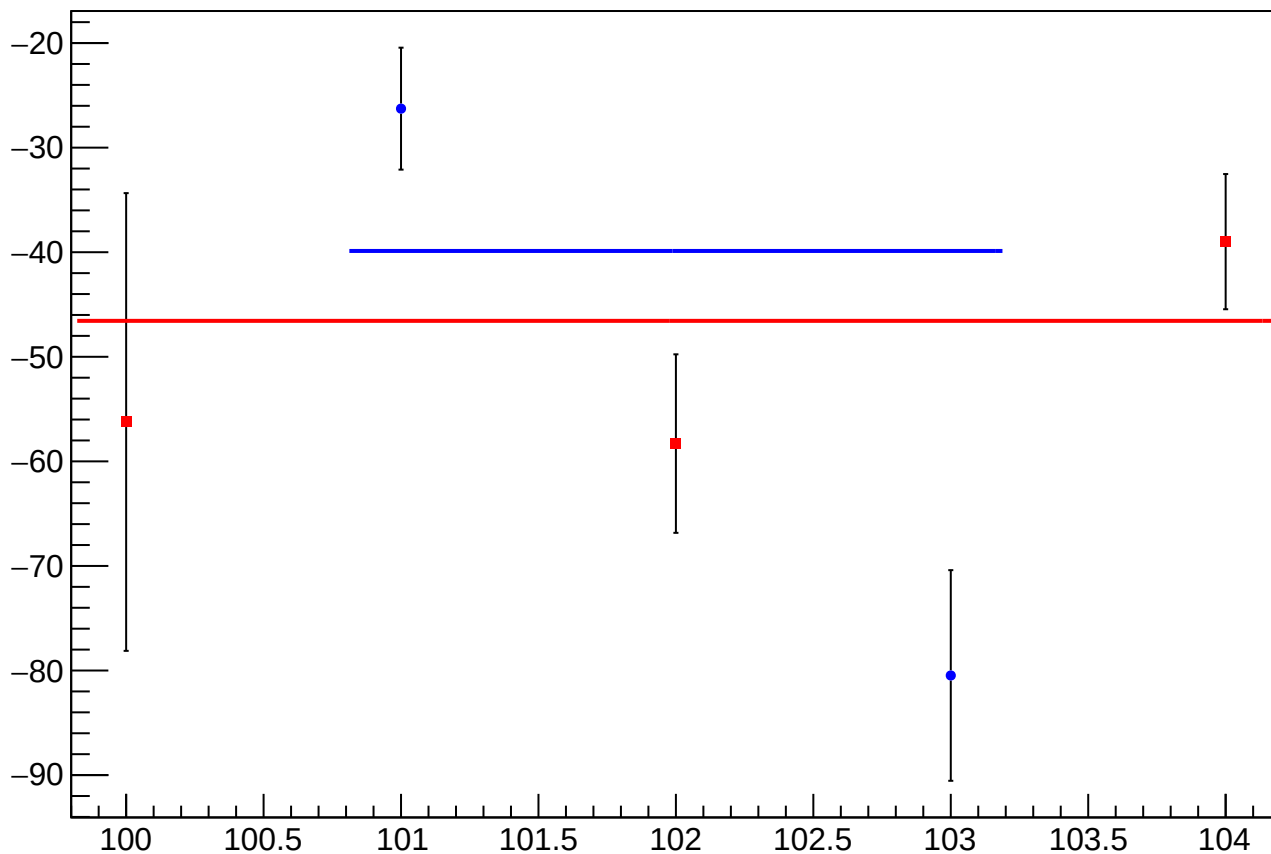
Right: 199.569+/-4.011 χ^2/NDF : 61.4/4

In: 225.953+/-5.784 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.569+/-4.011 χ^2/NDF : 61.4/4

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: -43.242 ± 3.558 $\chi^2/\text{NDF}: 26.0/4$

In: -39.880 ± 5.047 $\chi^2/\text{NDF}: 21.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -43.242 ± 3.558 $\chi^2/\text{NDF}: 26.0/4$

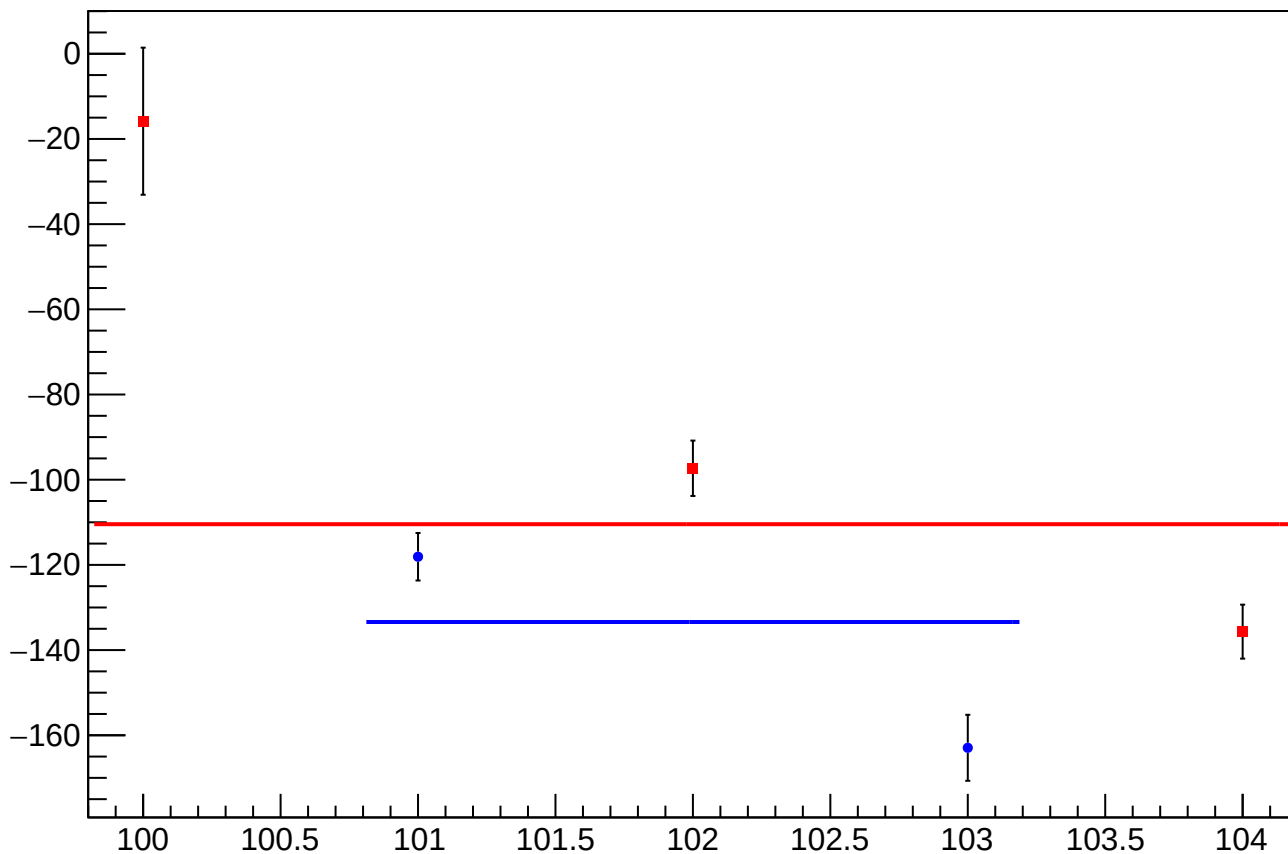
Right In: -39.880 ± 5.047 $\chi^2/\text{NDF}: 21.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -46.563 ± 5.016 $\chi^2/\text{NDF}: 3.5/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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: -110.447+/-4.389 χ^2/NDF : 50.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

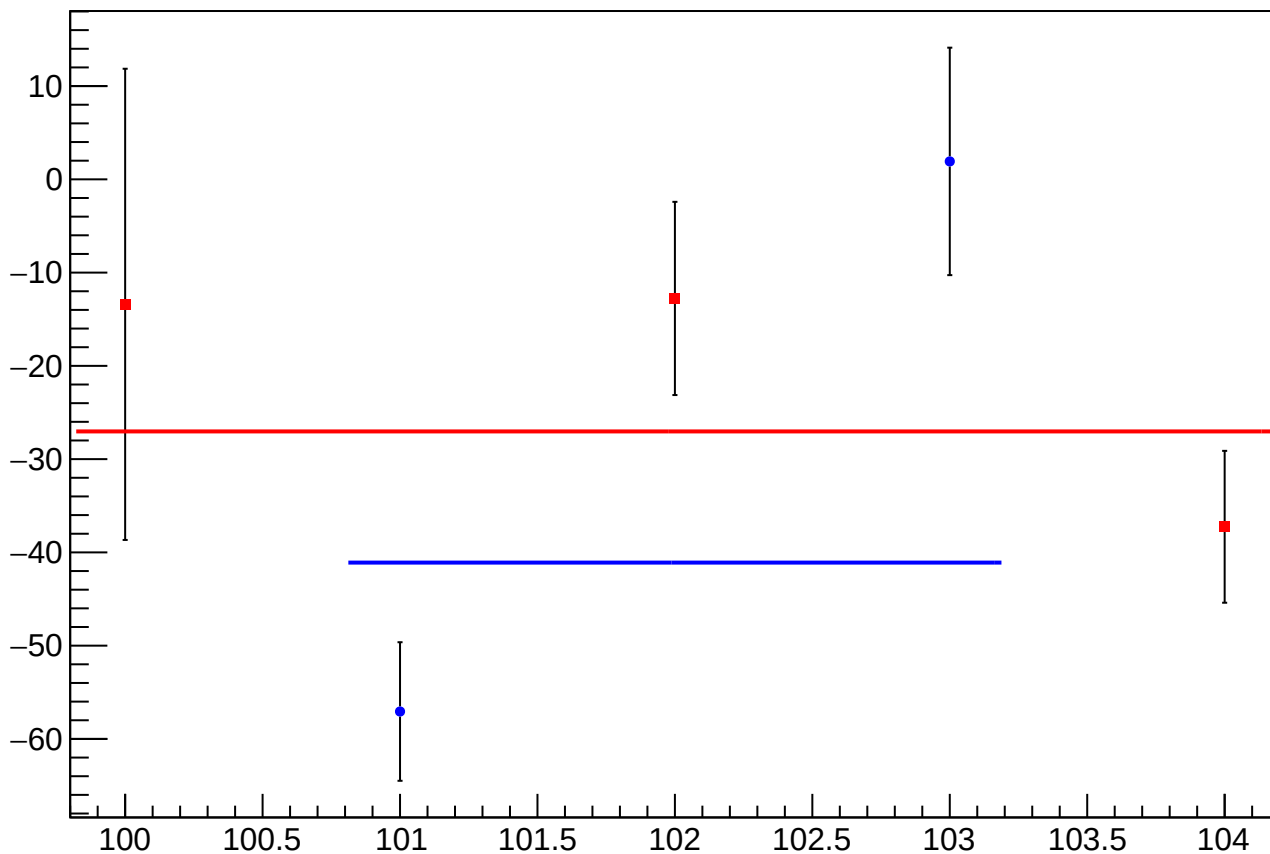
Right: -121.571+/-3.151 χ^2/NDF : 85.3/4

In: -133.408+/-4.527 χ^2/NDF : 22.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.571+/-3.151 χ^2/NDF : 85.3/4

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: -27.029 $\pm$ 6.205 χ^2 /NDF: 3.8/2

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

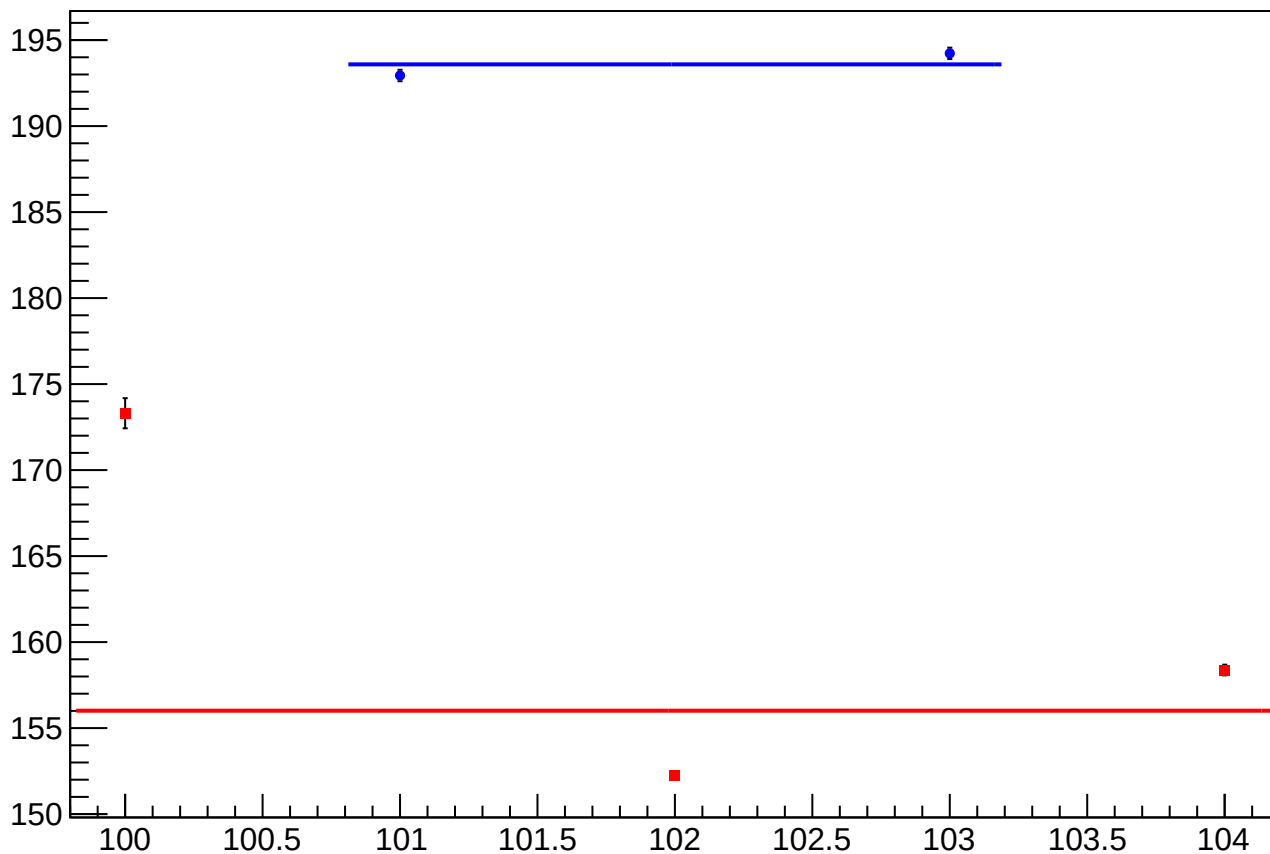
Right: -33.905 $\pm$ 4.436 χ^2 /NDF: 23.3/4

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: -33.905 $\pm$ 4.436 χ^2 /NDF: 23.3/4

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 193.587+/-0.235 χ^2/NDF : 7.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.012+/-0.204 χ^2/NDF : 626.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

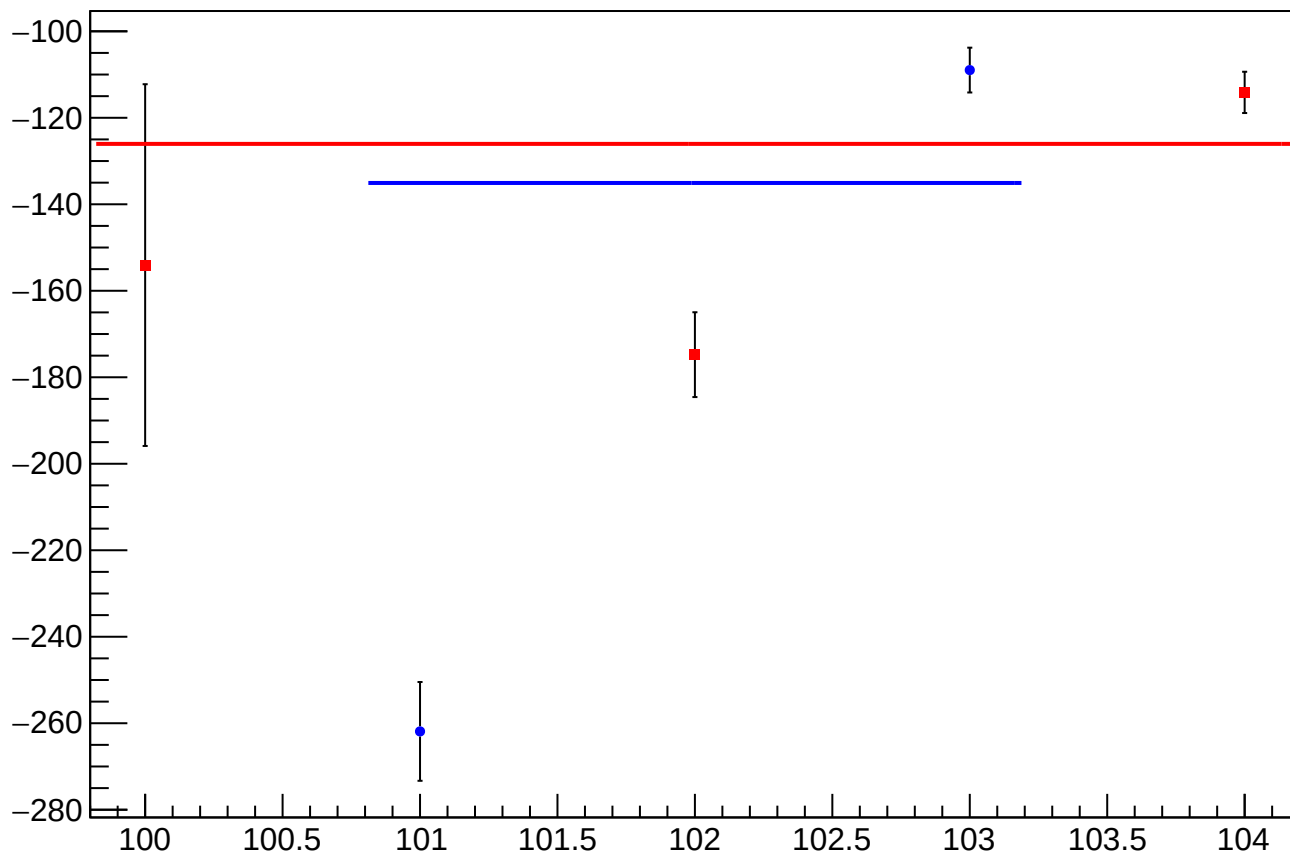
Right: 172.130+/-0.154 χ^2/NDF : 15242.5/4

In: 193.587+/-0.235 χ^2/NDF : 7.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.130+/-0.154 χ^2/NDF : 15242.5/4

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -135.070 ± 4.719 $\chi^2/\text{NDF}: 148.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -126.035 ± 4.269 $\chi^2/\text{NDF}: 31.4/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

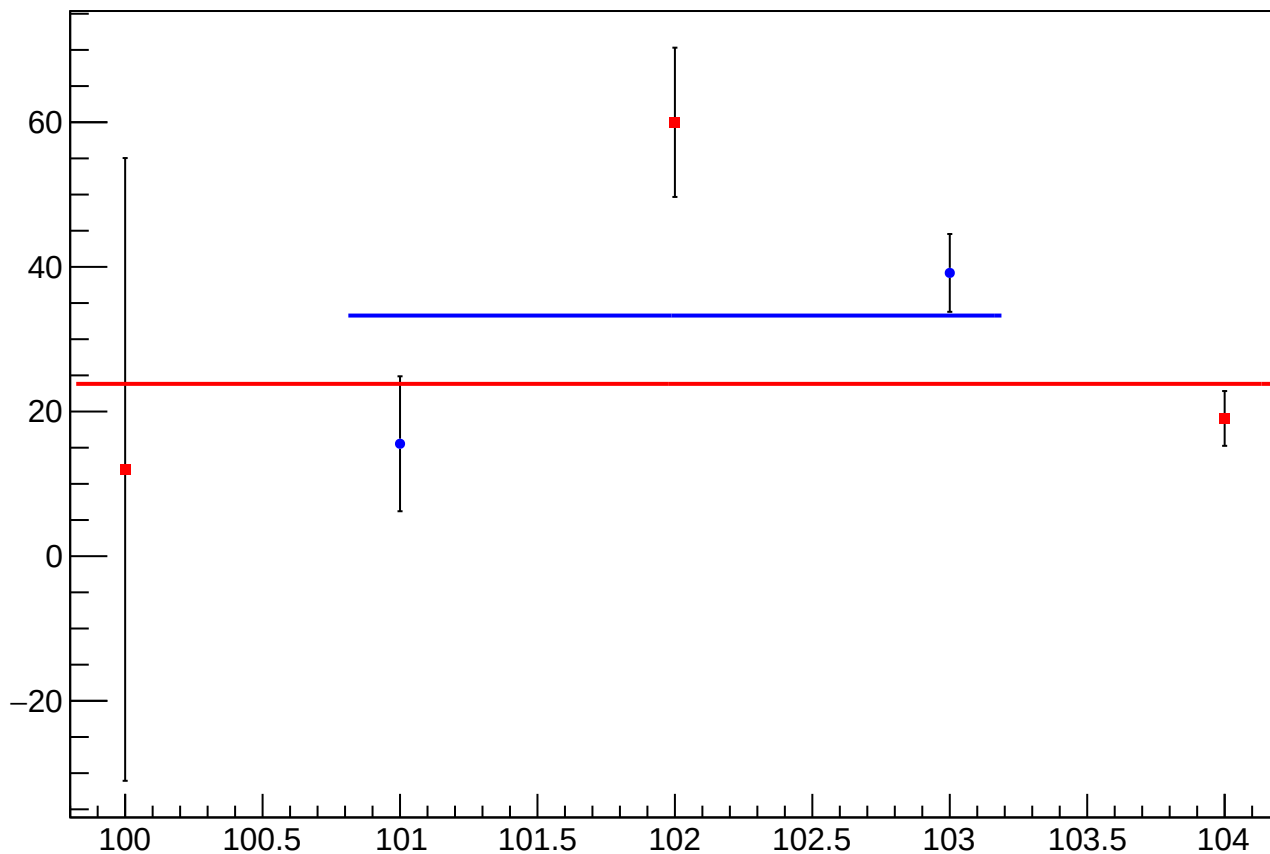
Right: -130.101 ± 3.166 $\chi^2/\text{NDF}: 182.1/4$

In: -135.070 ± 4.719 $\chi^2/\text{NDF}: 148.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -130.101 ± 3.166 $\chi^2/\text{NDF}: 182.1/4$

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.271+/-4.661 χ^2/NDF : 4.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.826+/-3.544 χ^2/NDF : 13.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

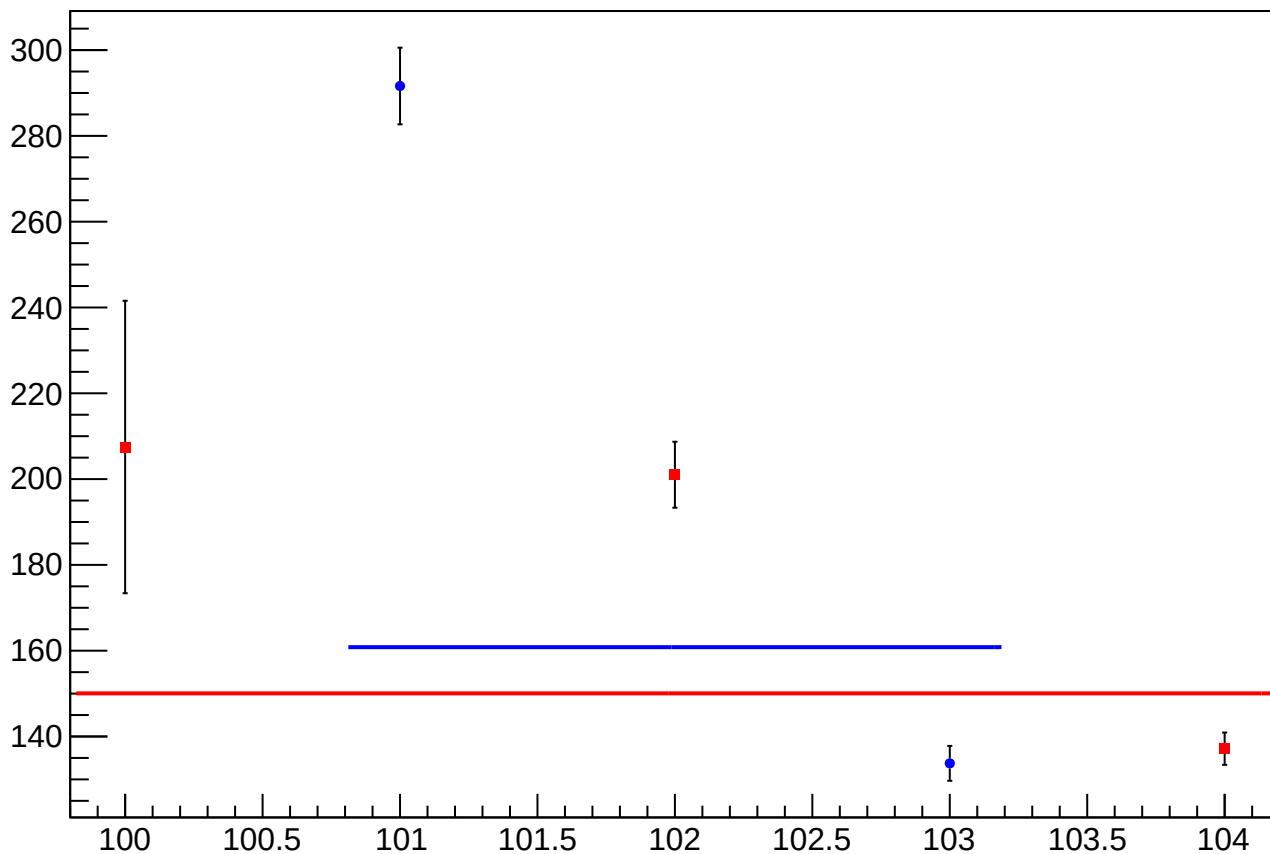
Right: 27.286+/-2.821 χ^2/NDF : 21.4/4

In: 33.271+/-4.661 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.286+/-2.821 χ^2/NDF : 21.4/4

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: 150.053+/-3.365 χ^2/NDF : 58.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

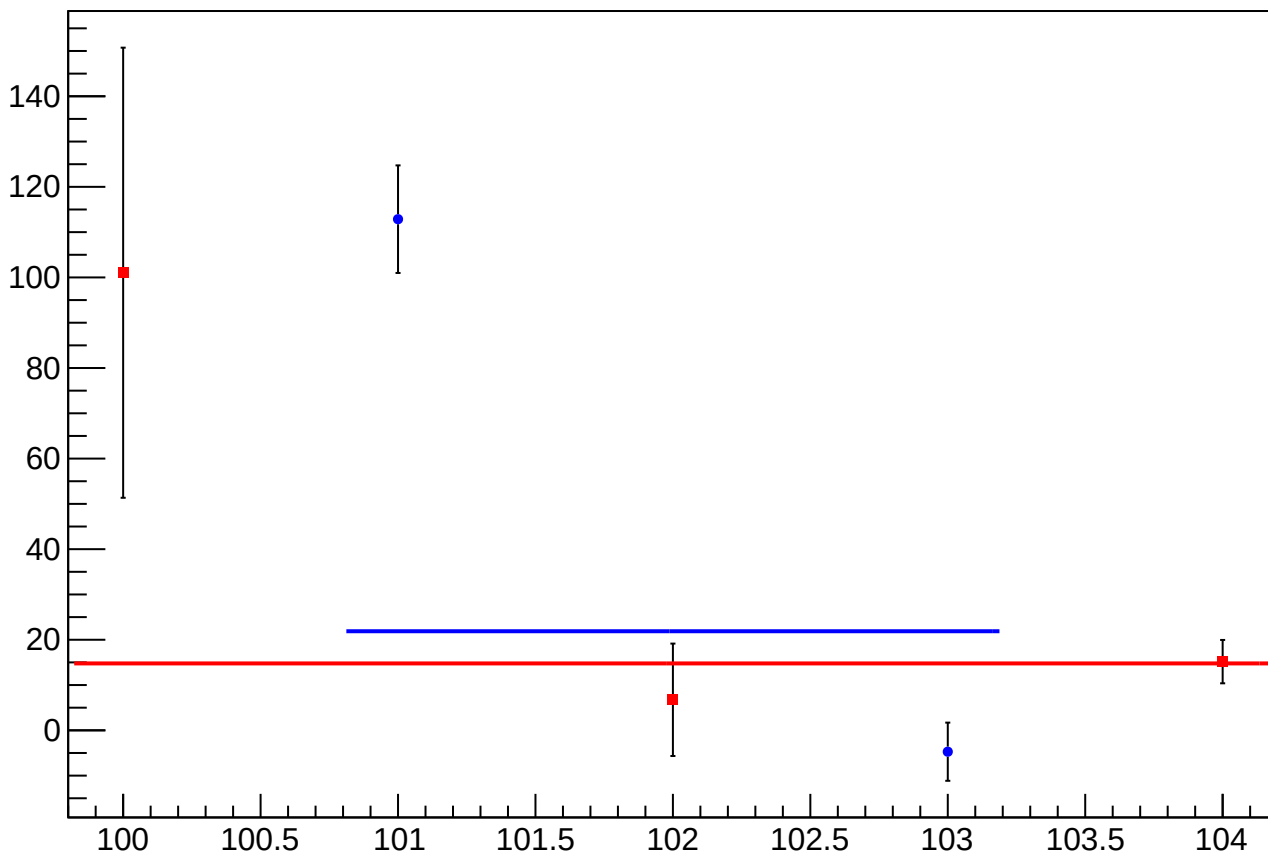
Right: 154.926+/-2.490 χ^2/NDF : 321.7/4

In: 160.823+/-3.701 χ^2/NDF : 258.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.926+/-2.490 χ^2/NDF : 321.7/4

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.880+/-5.649 χ^2/NDF : 75.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.775+/-4.447 χ^2/NDF : 3.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

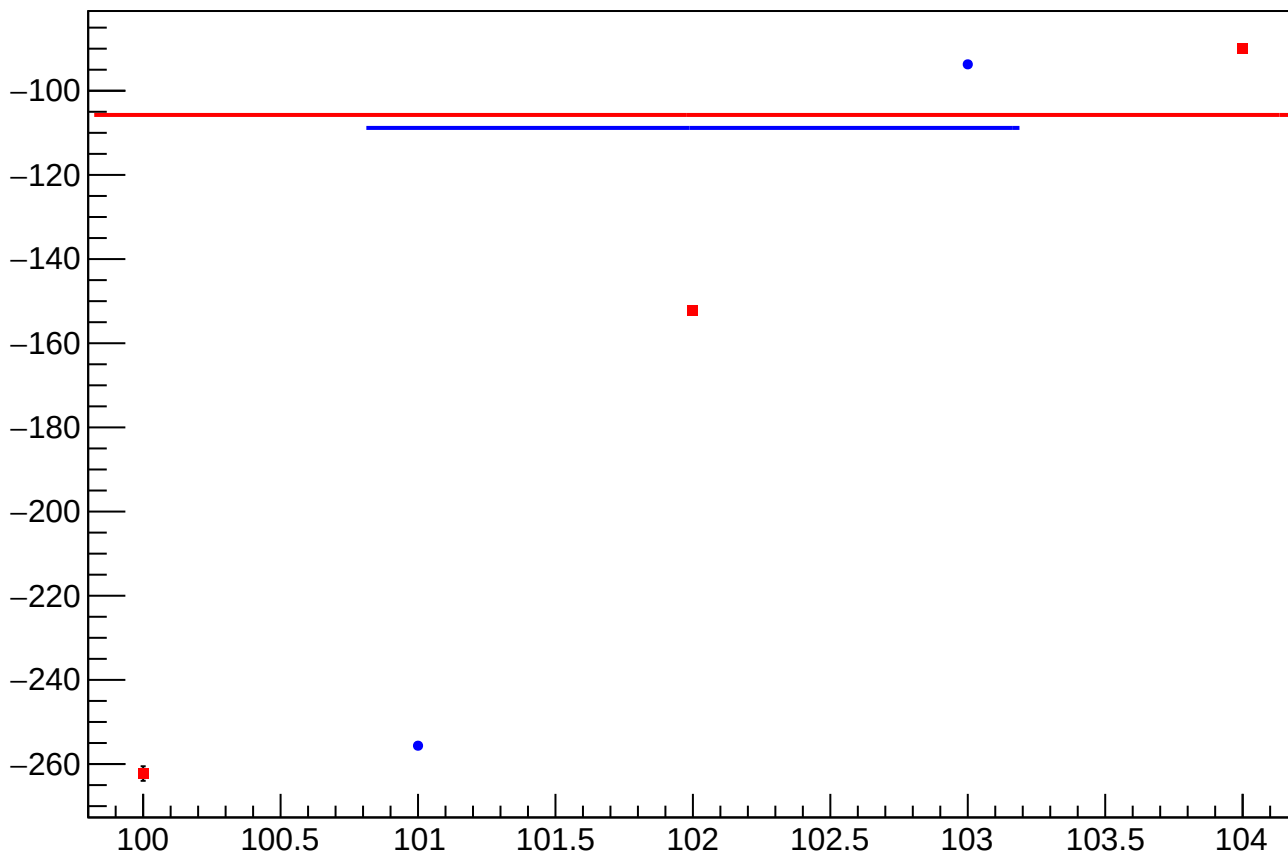
Right: 17.494+/-3.494 χ^2/NDF : 80.3/4

In: 21.880+/-5.649 χ^2/NDF : 75.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.494+/-3.494 χ^2/NDF : 80.3/4

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: -105.748+/-0.158 χ^2/NDF : 35740.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

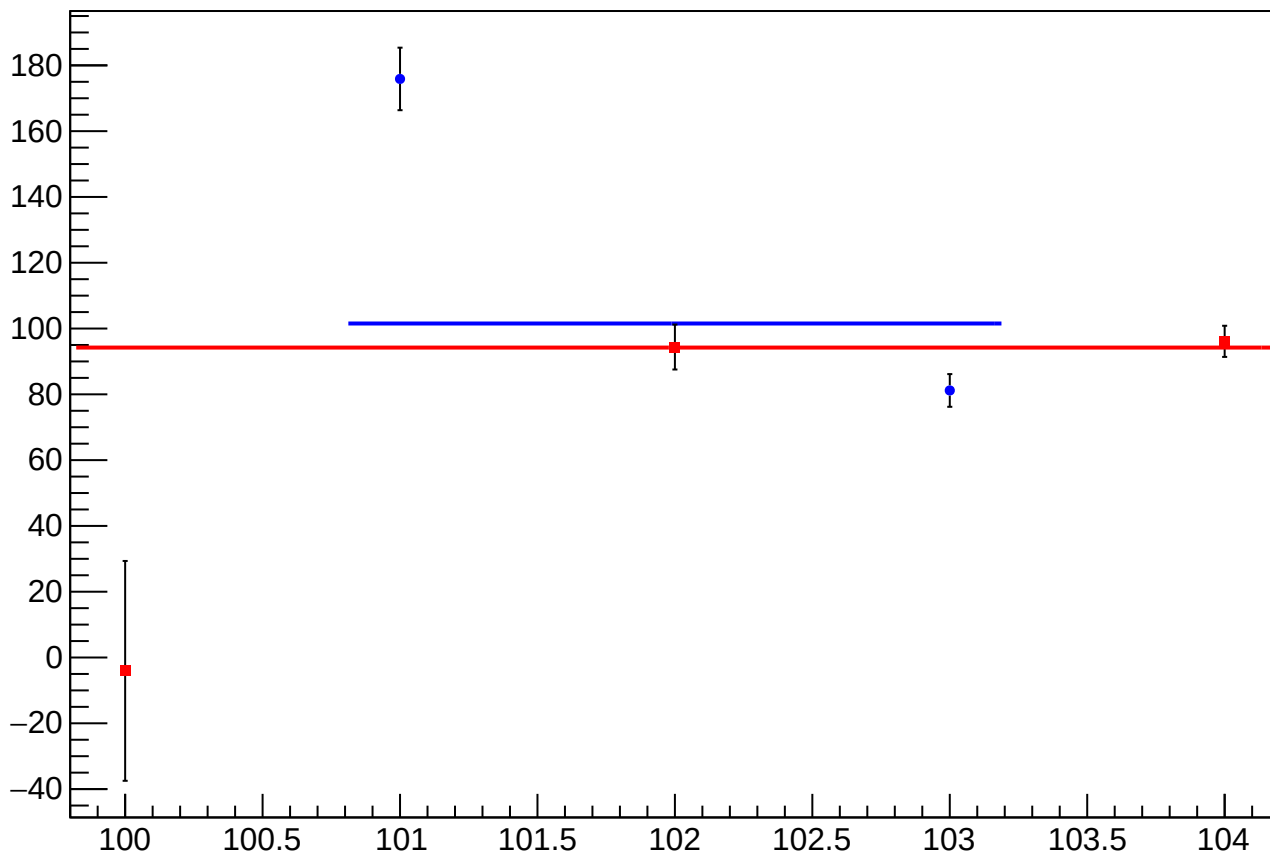
Right: -107.249+/-0.113 χ^2/NDF : 120236.5/4

In: -108.830+/-0.162 χ^2/NDF : 84311.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.249+/-0.113 χ^2/NDF : 120236.5/4

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 101.531+/-4.406 χ^2/NDF : 77.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.215+/-3.865 χ^2/NDF : 8.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

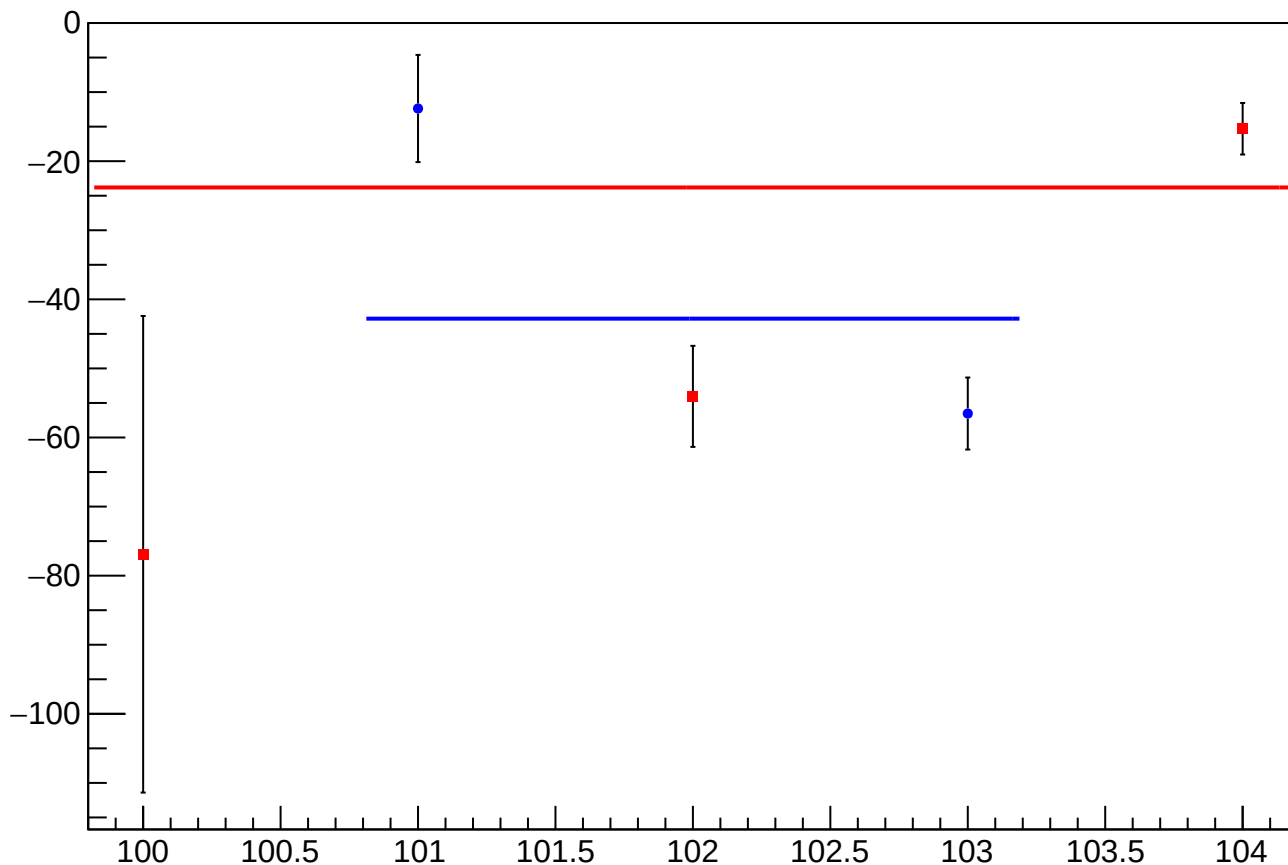
Right: 97.397+/-2.906 χ^2/NDF : 88.3/4

In: 101.531+/-4.406 χ^2/NDF : 77.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.397+/-2.906 χ^2/NDF : 88.3/4

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -42.795 $\pm$ 4.327 χ^2 /NDF: 22.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.803 $\pm$ 3.309 χ^2 /NDF: 24.7/2

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

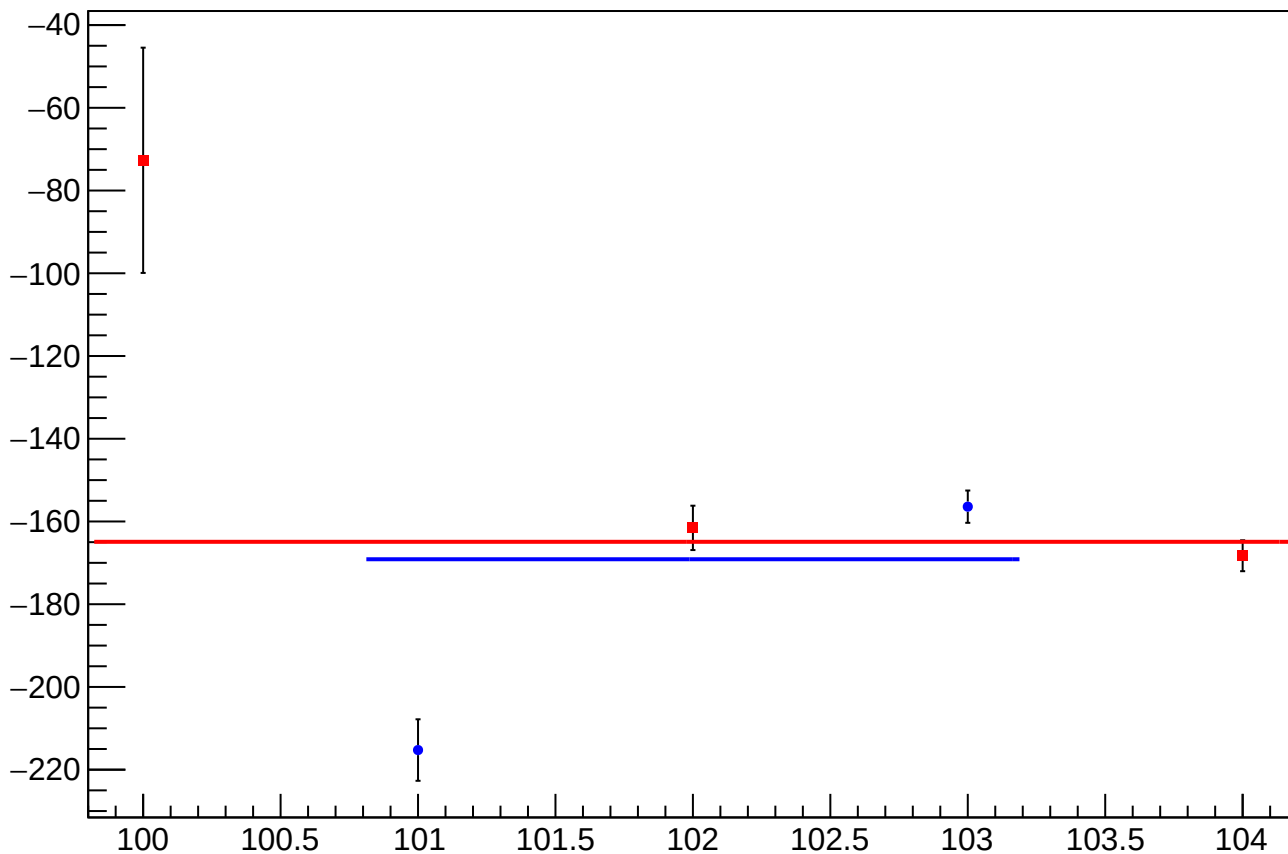
Right: -30.811 $\pm$ 2.628 χ^2 /NDF: 59.1/4

In: -42.795 $\pm$ 4.327 χ^2 /NDF:22.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.811 $\pm$ 2.628 χ^2 /NDF: 59.1/4

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -169.132+/-3.456 χ^2/NDF : 49.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -164.915+/-3.045 χ^2/NDF : 12.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

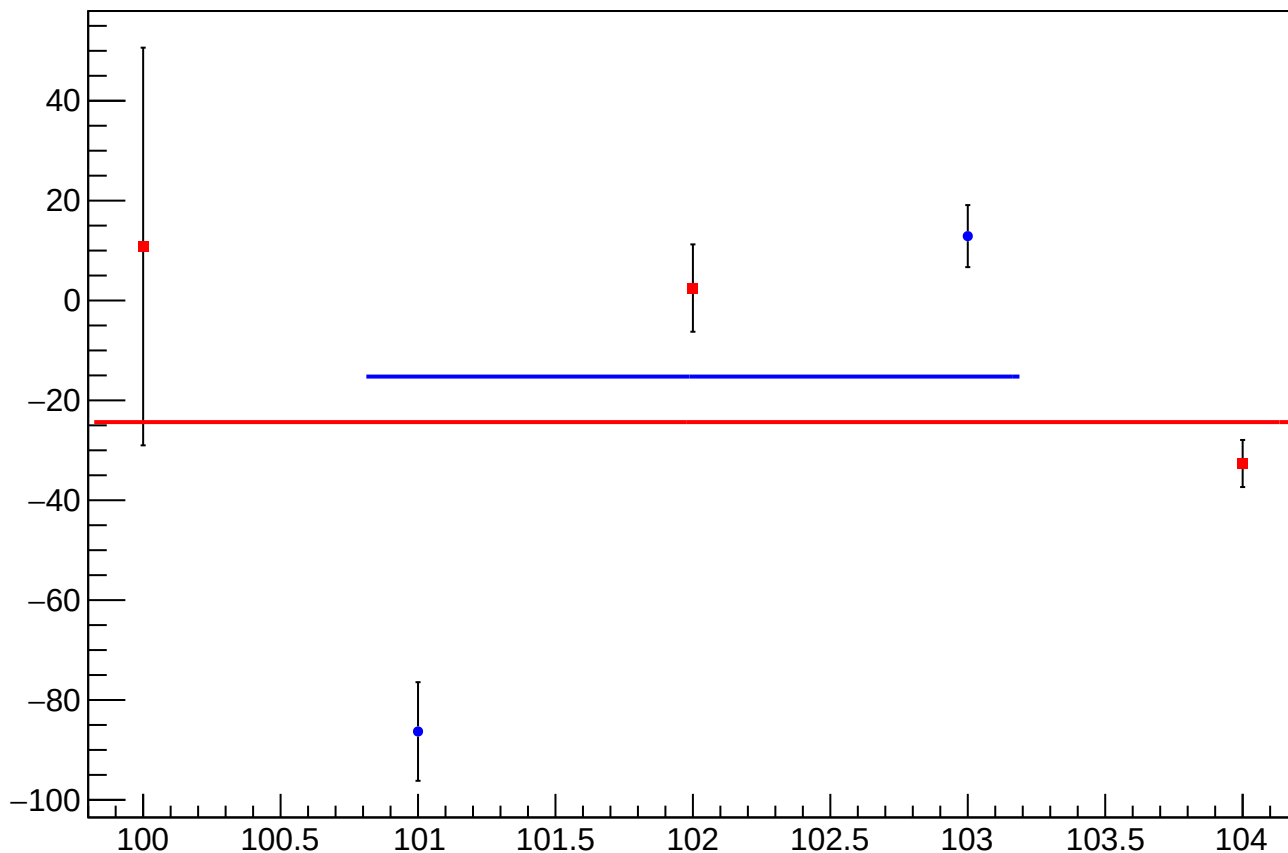
Right: -166.758+/-2.285 χ^2/NDF : 62.6/4

In: -169.132+/-3.456 χ^2/NDF : 49.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -166.758+/-2.285 χ^2/NDF : 62.6/4

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: -24.351 $\pm$ 4.128 χ^2/NDF : 13.3/2

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

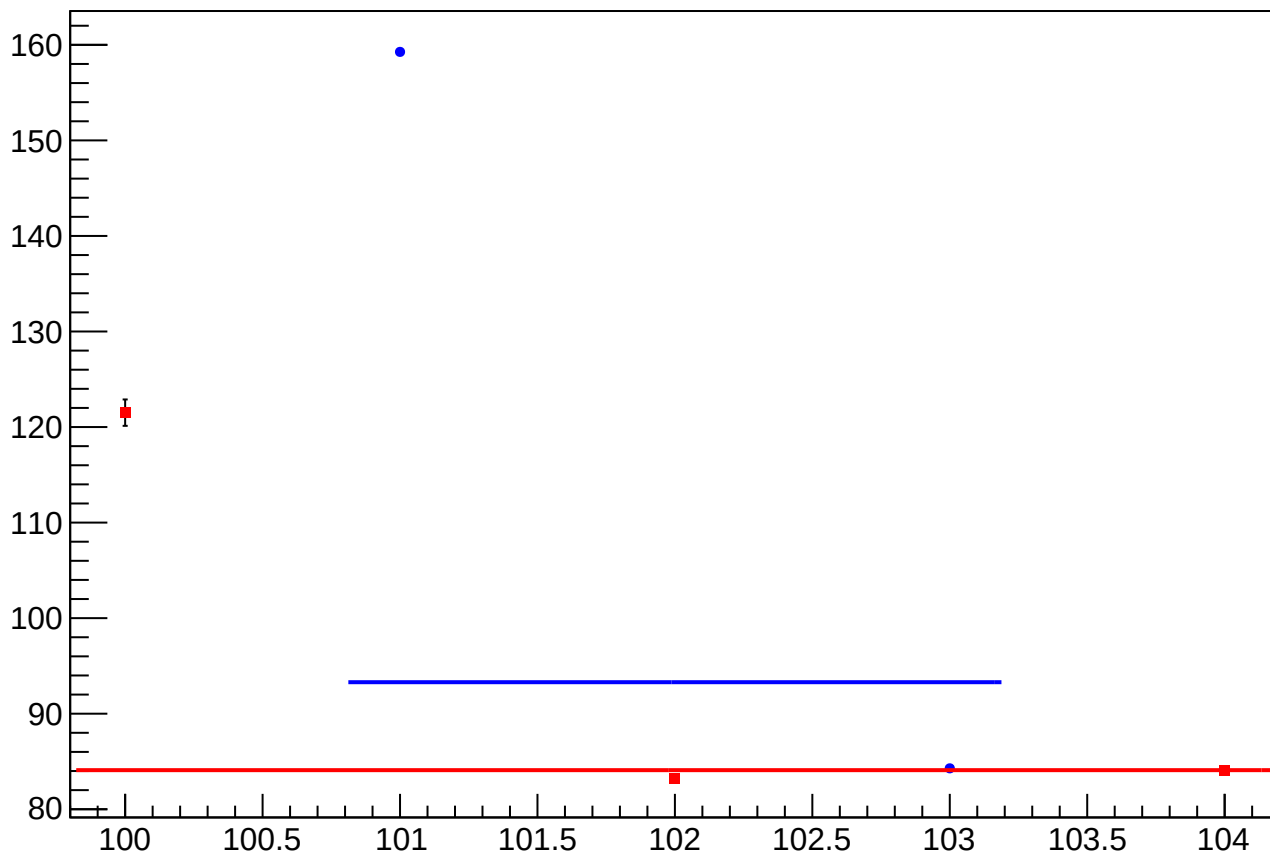
Right: -20.874 $\pm$ 3.247 χ^2/NDF : 87.5/4

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: -20.874 $\pm$ 3.247 χ^2/NDF : 87.5/4

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: 84.091+/-0.140 χ^2/NDF : 750.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

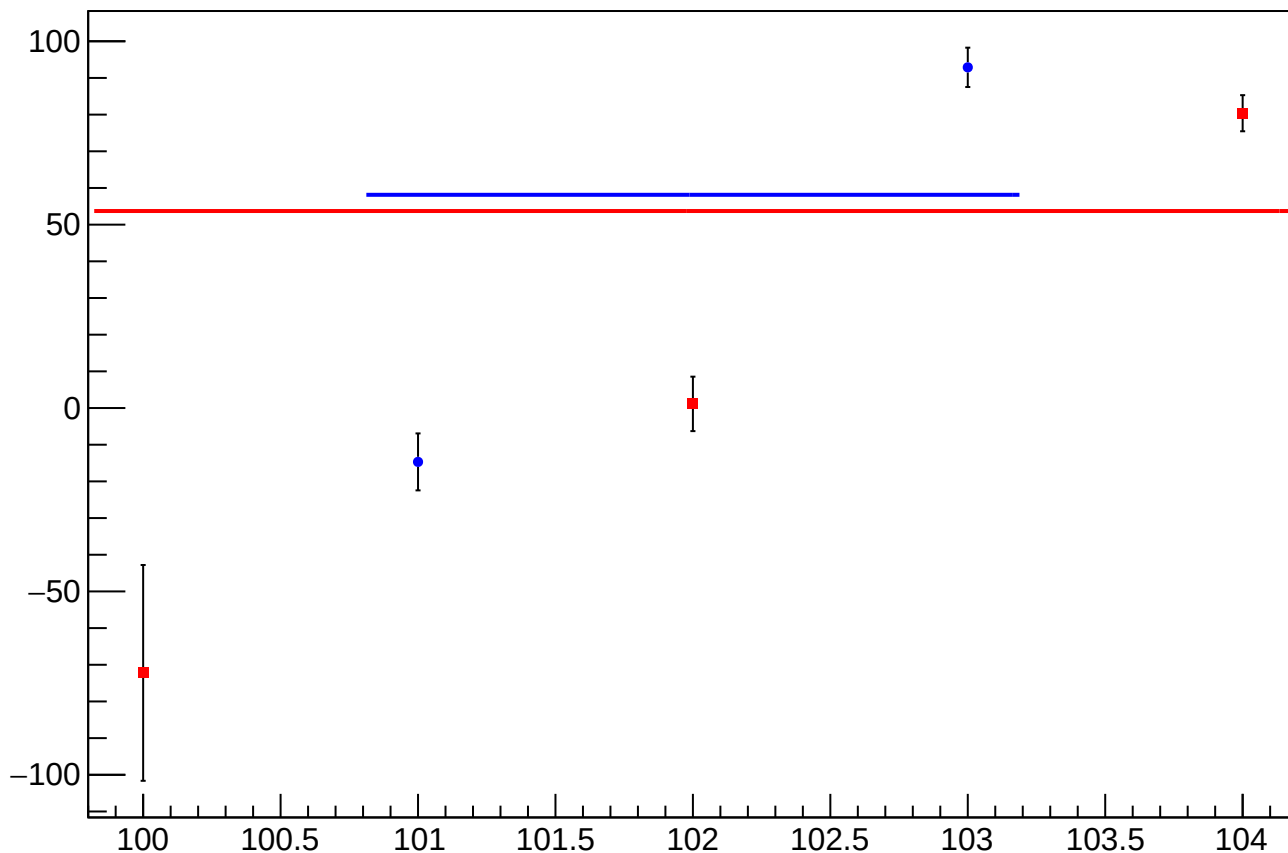
Right: 88.302+/-0.103 χ^2/NDF : 28161.6/4

In: 93.296+/-0.153 χ^2/NDF : 25444.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.302+/-0.103 χ^2/NDF : 28161.6/4

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 58.137+/-4.414 χ^2/NDF : 129.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.716+/-4.064 χ^2/NDF : 97.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

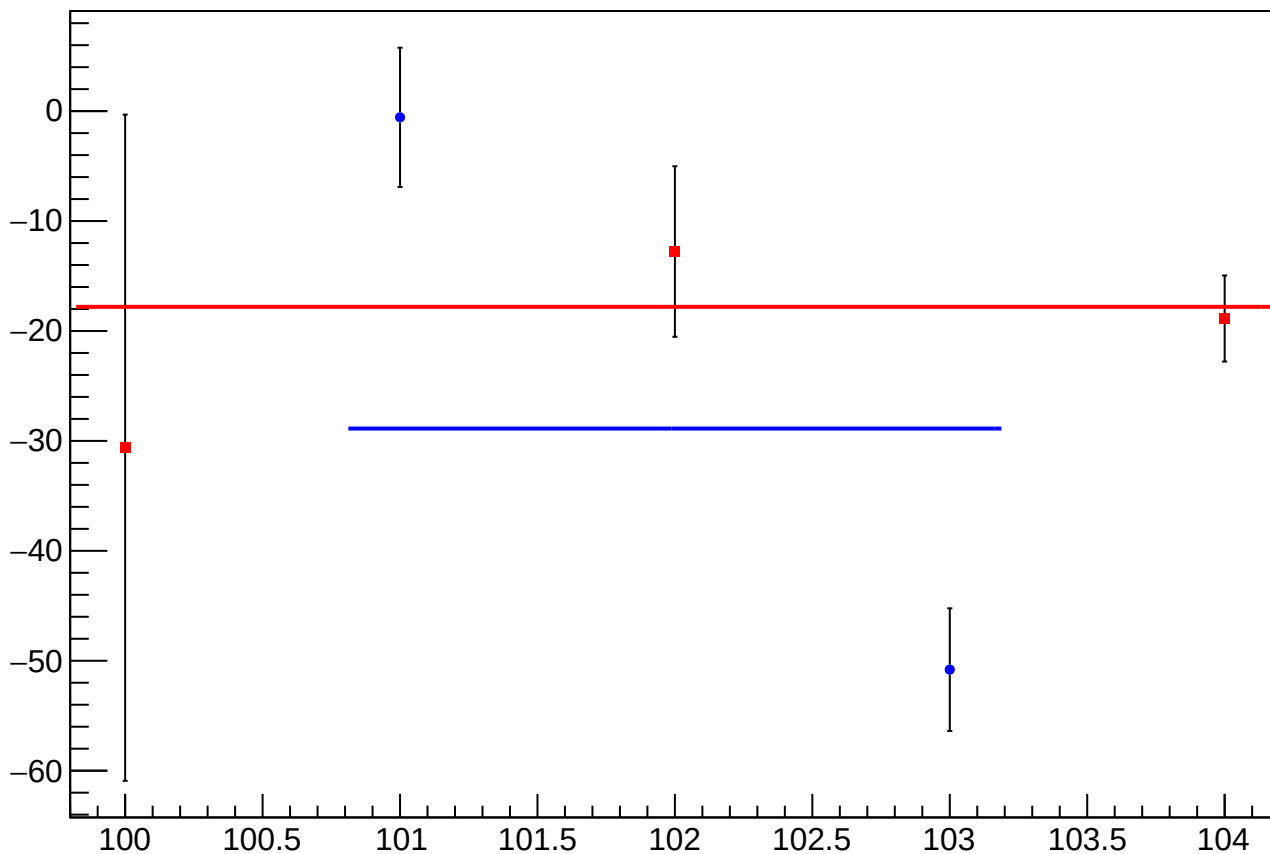
Right: 55.744+/-2.990 χ^2/NDF : 228.3/4

In: 58.137+/-4.414 χ^2/NDF : 129.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.744+/-2.990 χ^2/NDF : 228.3/4

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: -17.803 $\pm$ 3.471 χ^2 /NDF: 0.7/2

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

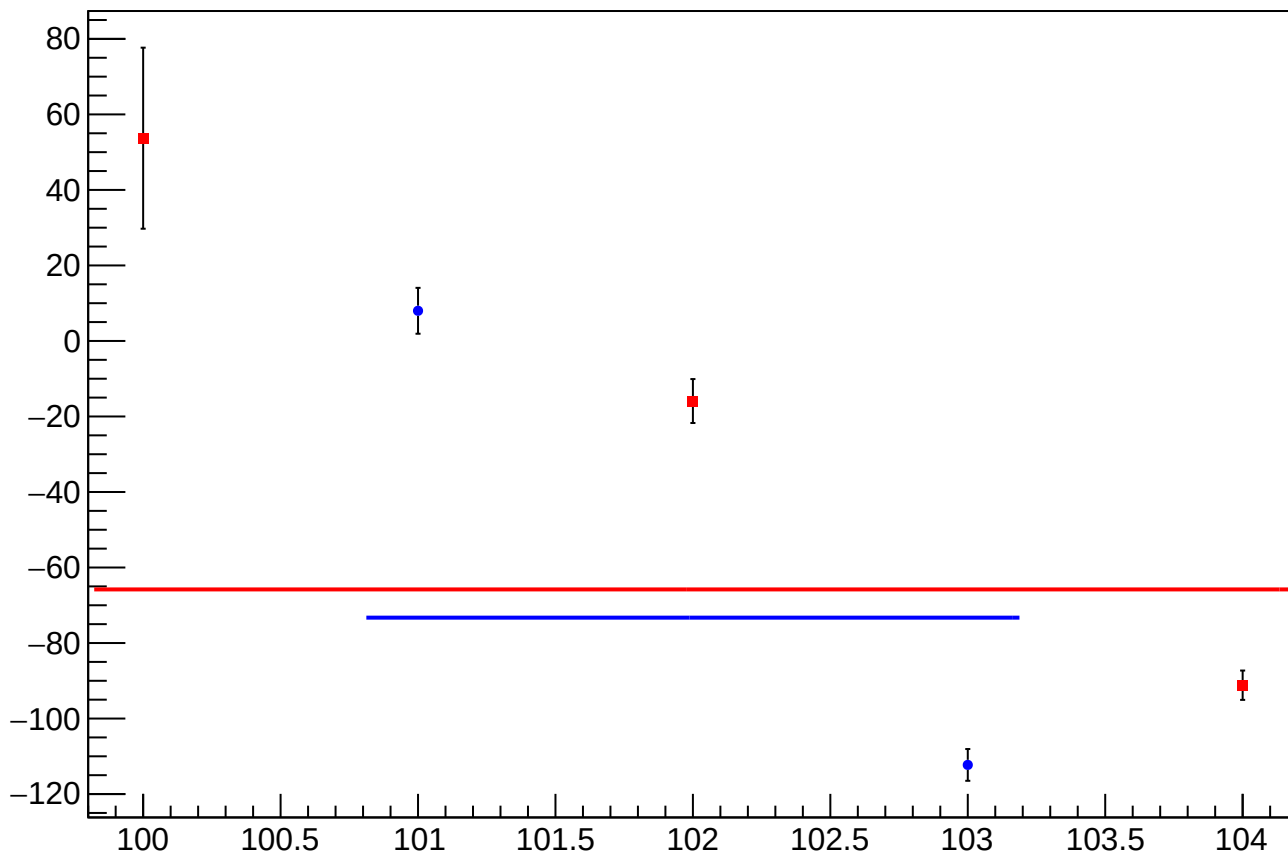
Right: -22.314 $\pm$ 2.672 χ^2 /NDF: 40.3/4

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: -22.314 $\pm$ 2.672 χ^2 /NDF: 40.3/4

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.277+/-3.459 χ^2/NDF : 264.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.803+/-3.202 χ^2/NDF : 141.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

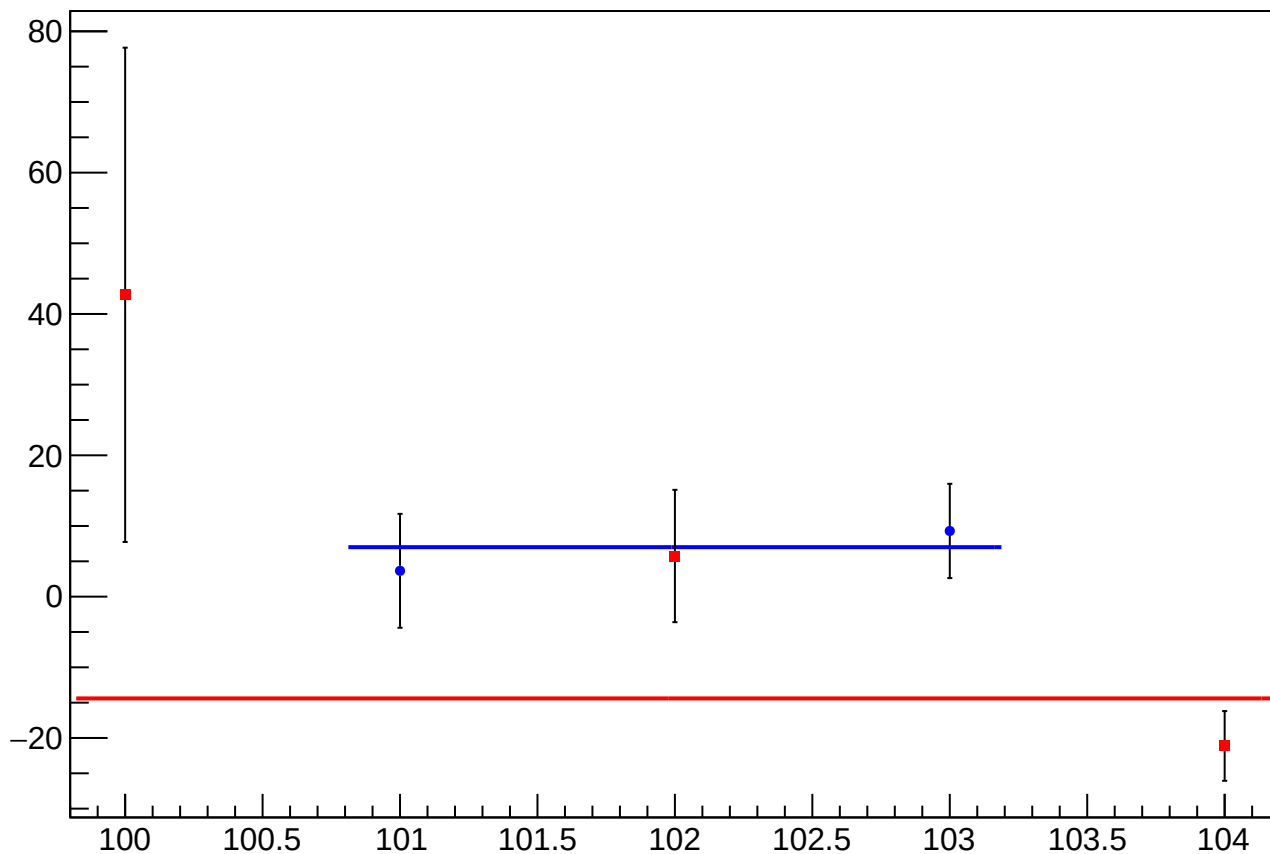
Right: -69.252+/-2.350 χ^2/NDF : 408.4/4

In: -73.277+/-3.459 χ^2/NDF : 264.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.252+/-2.350 χ^2/NDF : 408.4/4

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.002 ± 5.139 $\chi^2/\text{NDF}: 0.3/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.401 ± 4.330 $\chi^2/\text{NDF}: 9.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

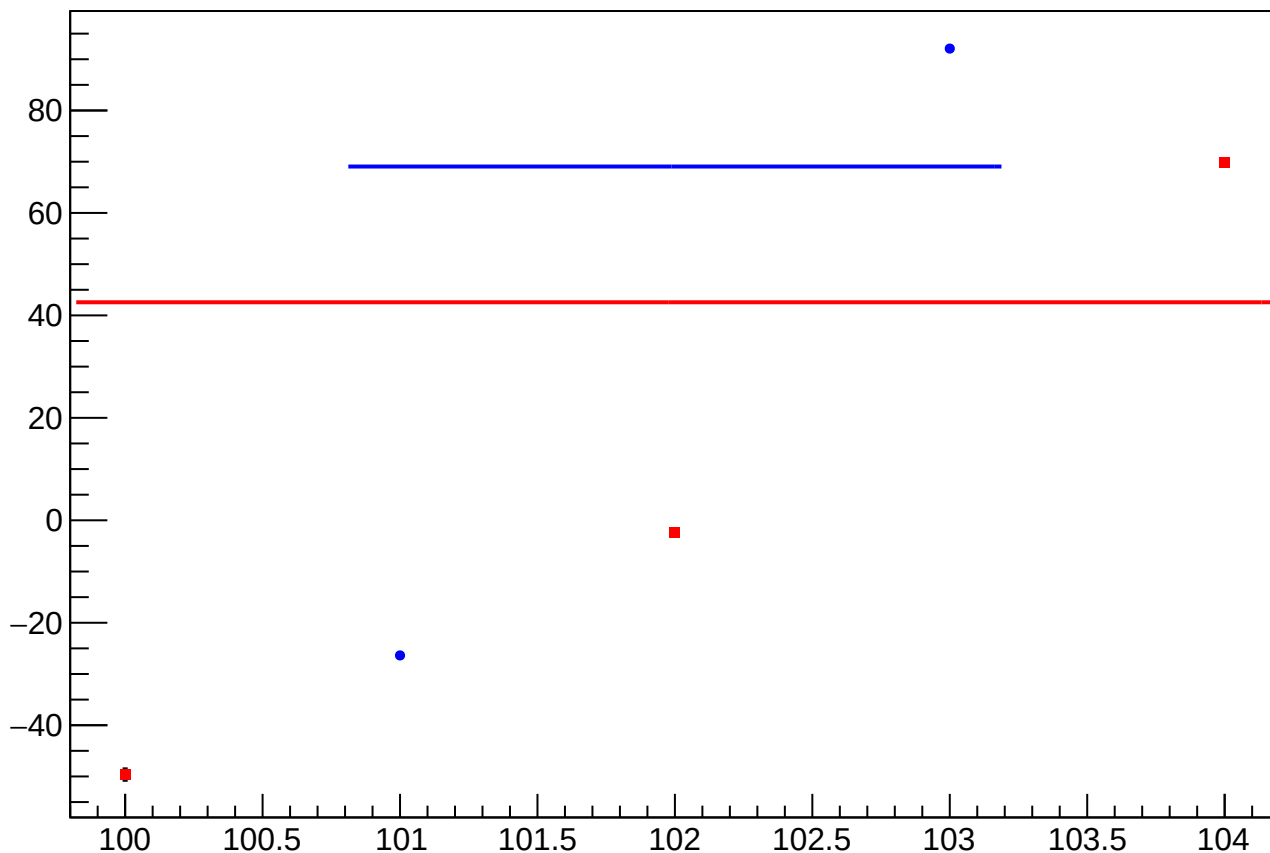
Right: -5.515 ± 3.311 $\chi^2/\text{NDF}: 19.6/4$

In: 7.002 ± 5.139 $\chi^2/\text{NDF}: 0.3/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.515 ± 3.311 $\chi^2/\text{NDF}: 19.6/4$

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: 42.560+/-0.149 χ^2/NDF : 59095.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

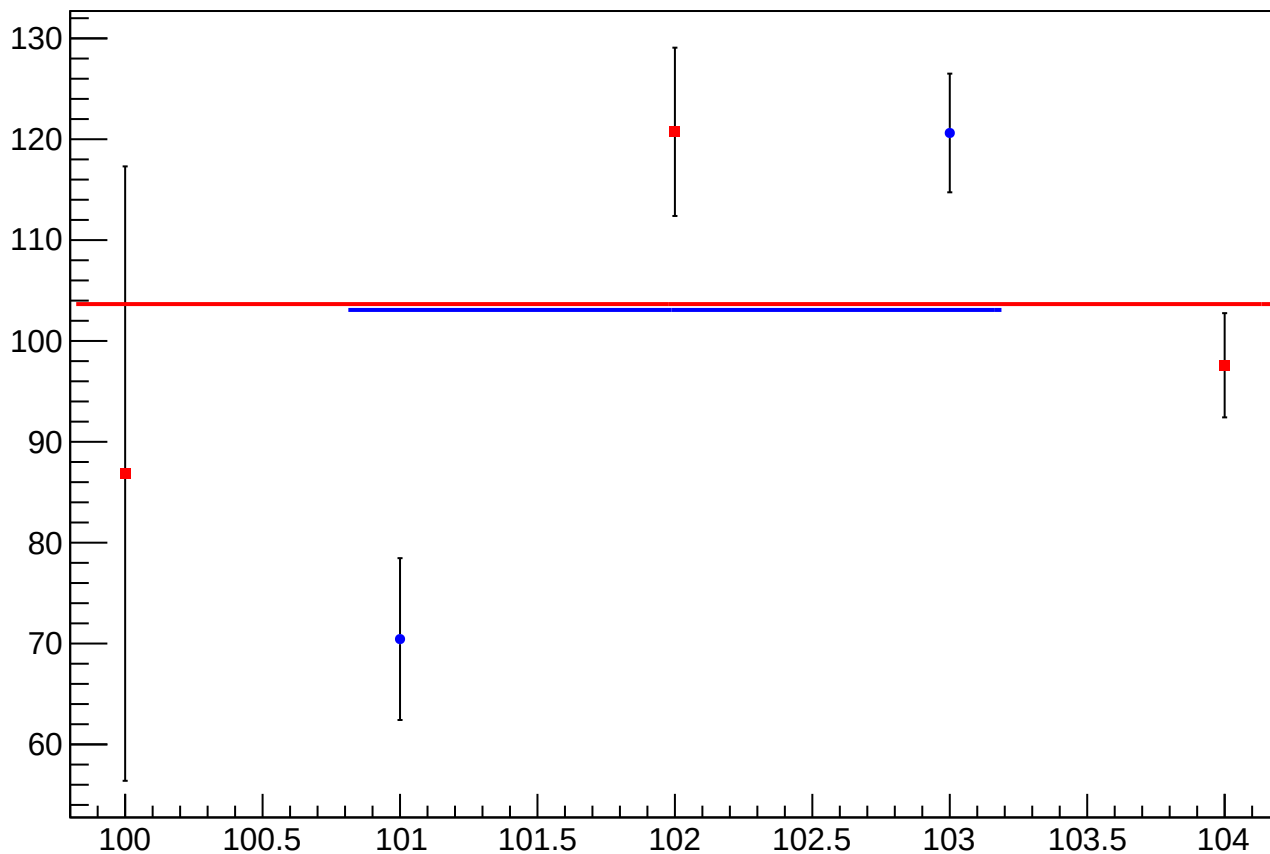
Right: 55.023+/-0.109 χ^2/NDF : 161420.9/4

In: 69.058+/-0.158 χ^2/NDF : 87514.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.023+/-0.109 χ^2/NDF : 161420.9/4

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 103.076+/-4.744 χ^2/NDF : 25.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.656+/-4.348 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

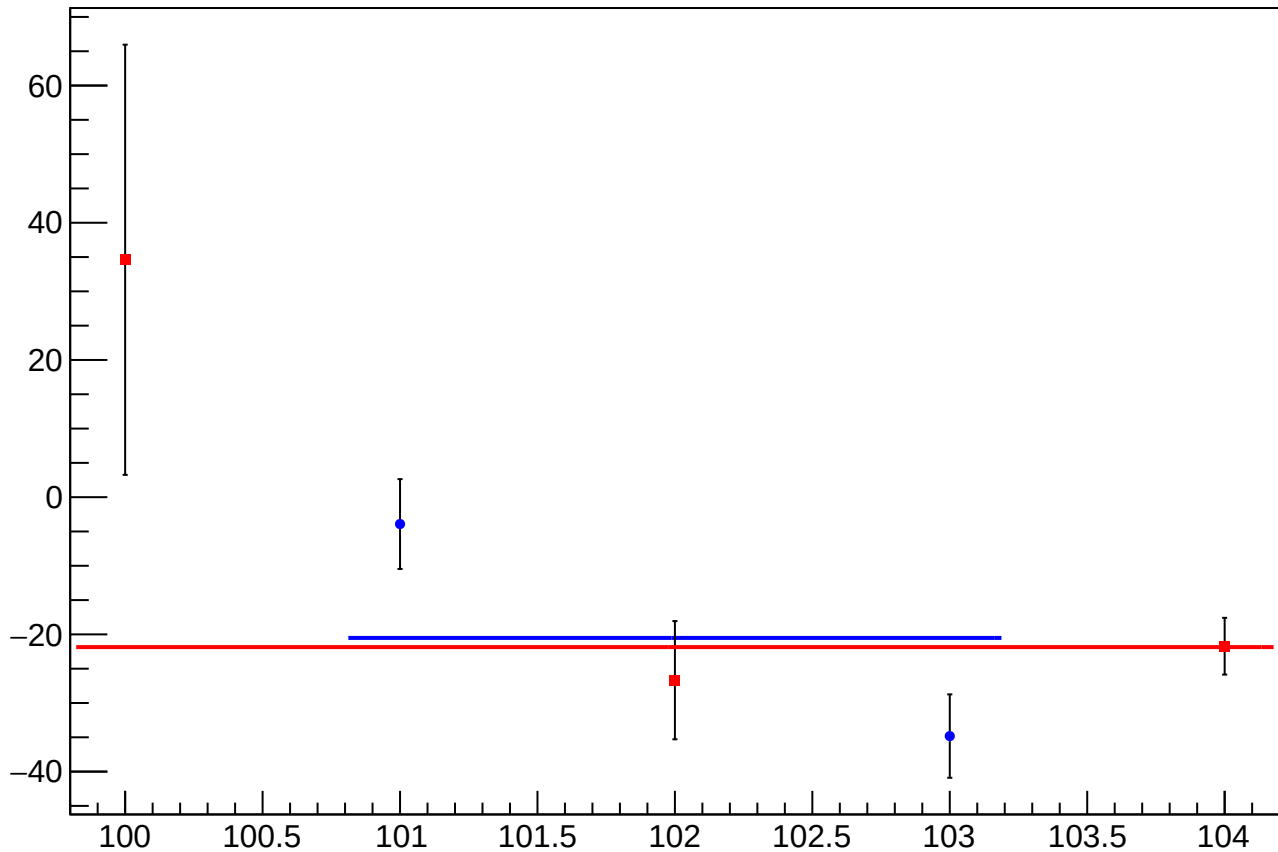
Right: 103.391+/-3.205 χ^2/NDF : 31.3/4

In: 103.076+/-4.744 χ^2/NDF : 25.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.391+/-3.205 χ^2/NDF : 31.3/4

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: -21.853 $\pm$ 3.704 χ^2 /NDF: 3.6/2

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

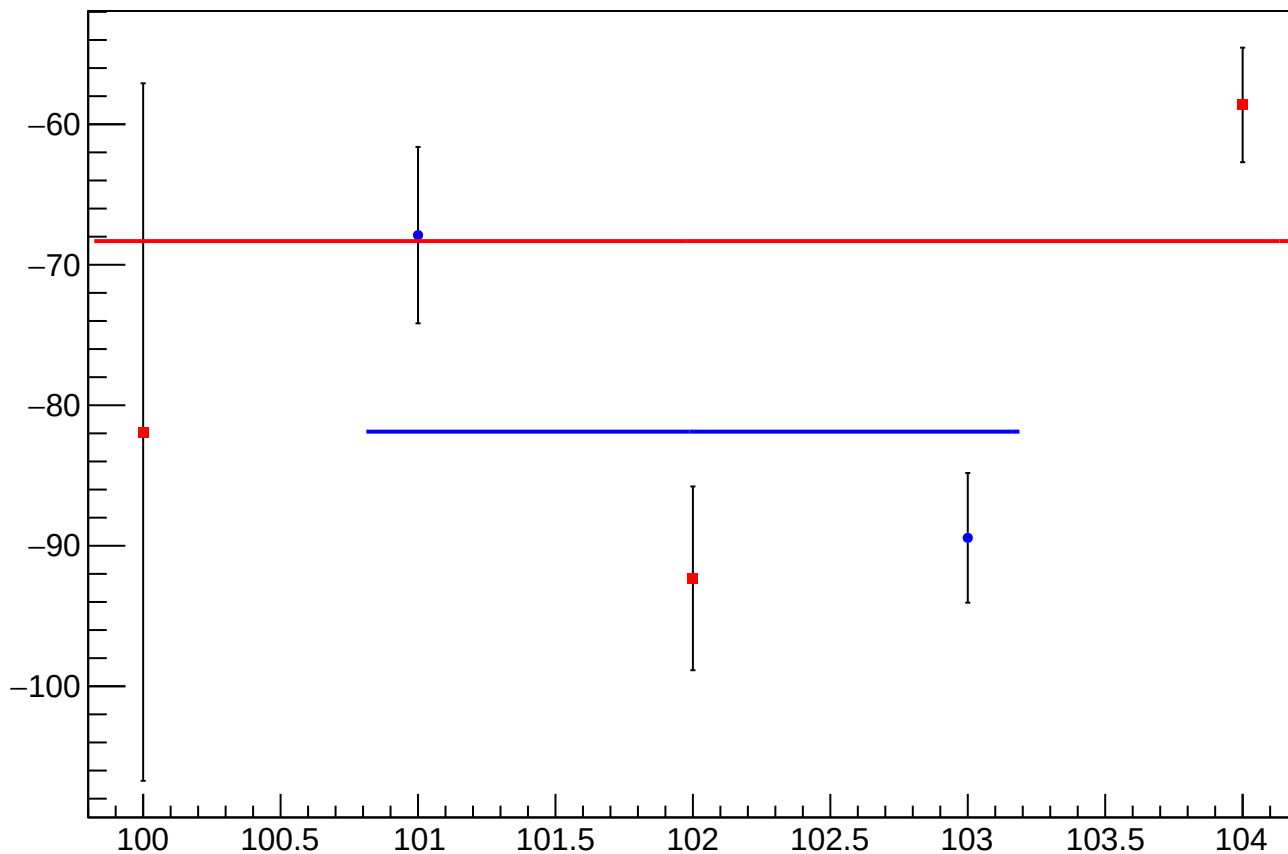
Right: -21.306 $\pm$ 2.848 χ^2 /NDF: 15.6/4

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: -21.306 $\pm$ 2.848 χ^2 /NDF: 15.6/4

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.877 $\pm$ 3.718 χ^2 /NDF: 7.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.316 $\pm$ 3.426 χ^2 /NDF: 19.4/2

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

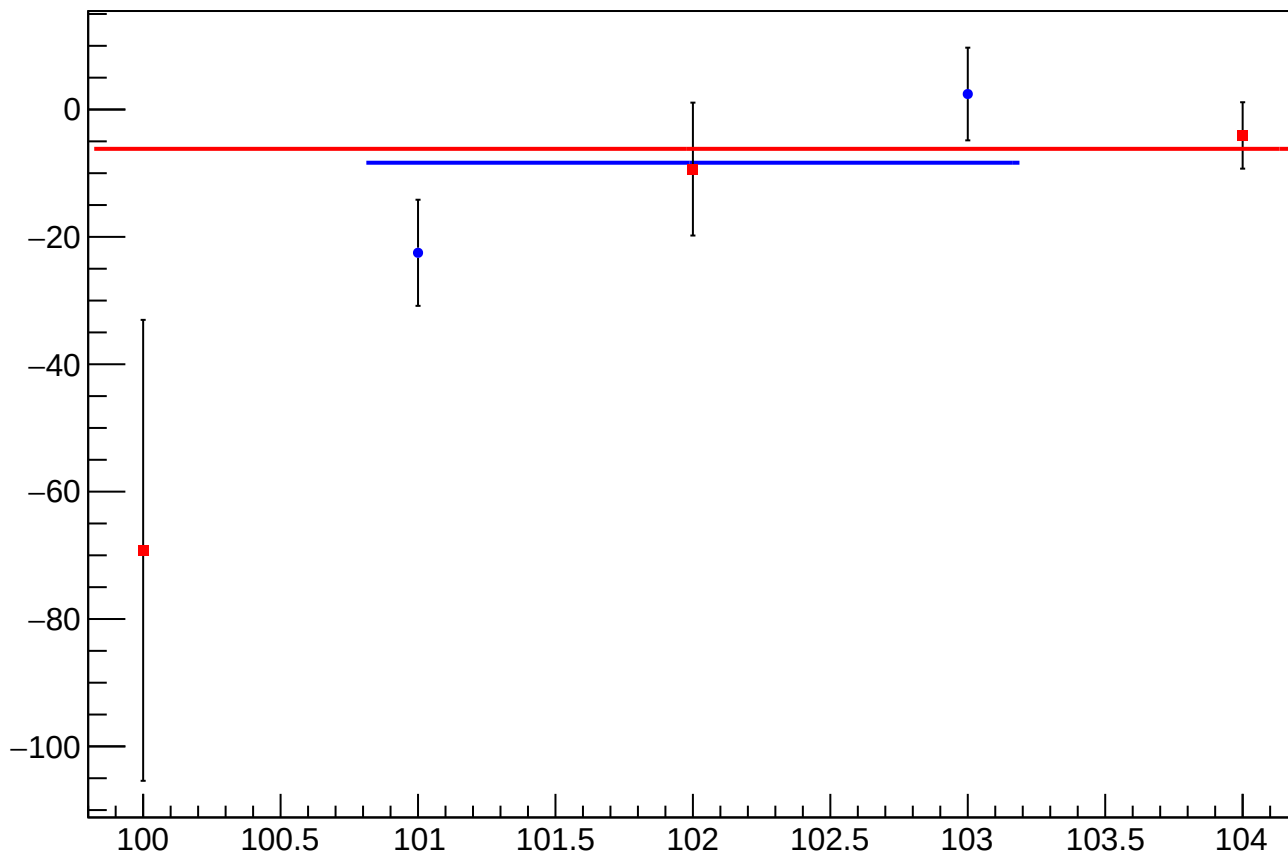
Right: -74.544 $\pm$ 2.519 χ^2 /NDF: 34.3/4

In: -81.877 $\pm$ 3.718 χ^2 /NDF: 7.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.544 $\pm$ 2.519 χ^2 /NDF: 34.3/4

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: -6.176+/-4.626 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

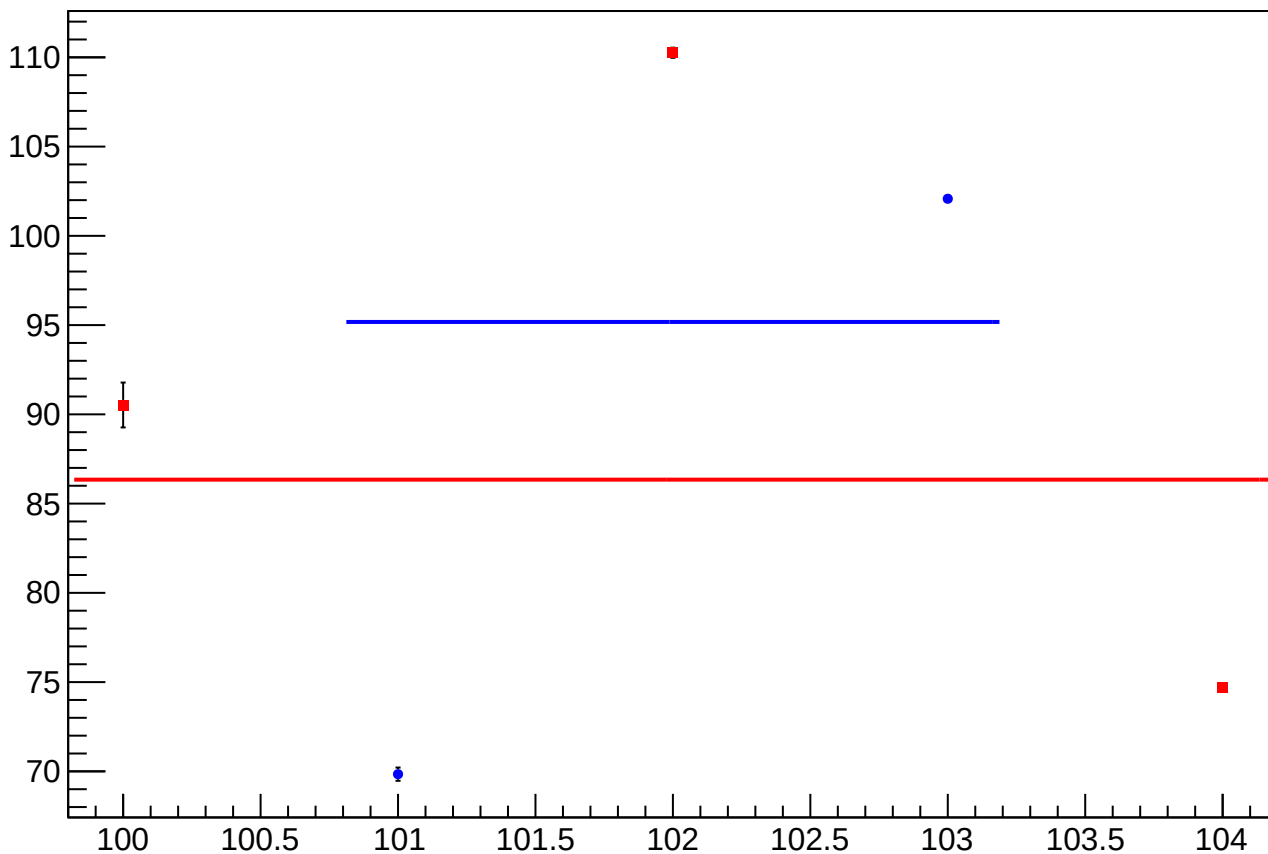
Right: -7.083+/-3.535 χ^2/NDF : 8.5/4

In: -8.356+/-5.480 χ^2/NDF : 5.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.083+/-3.535 χ^2/NDF : 8.5/4

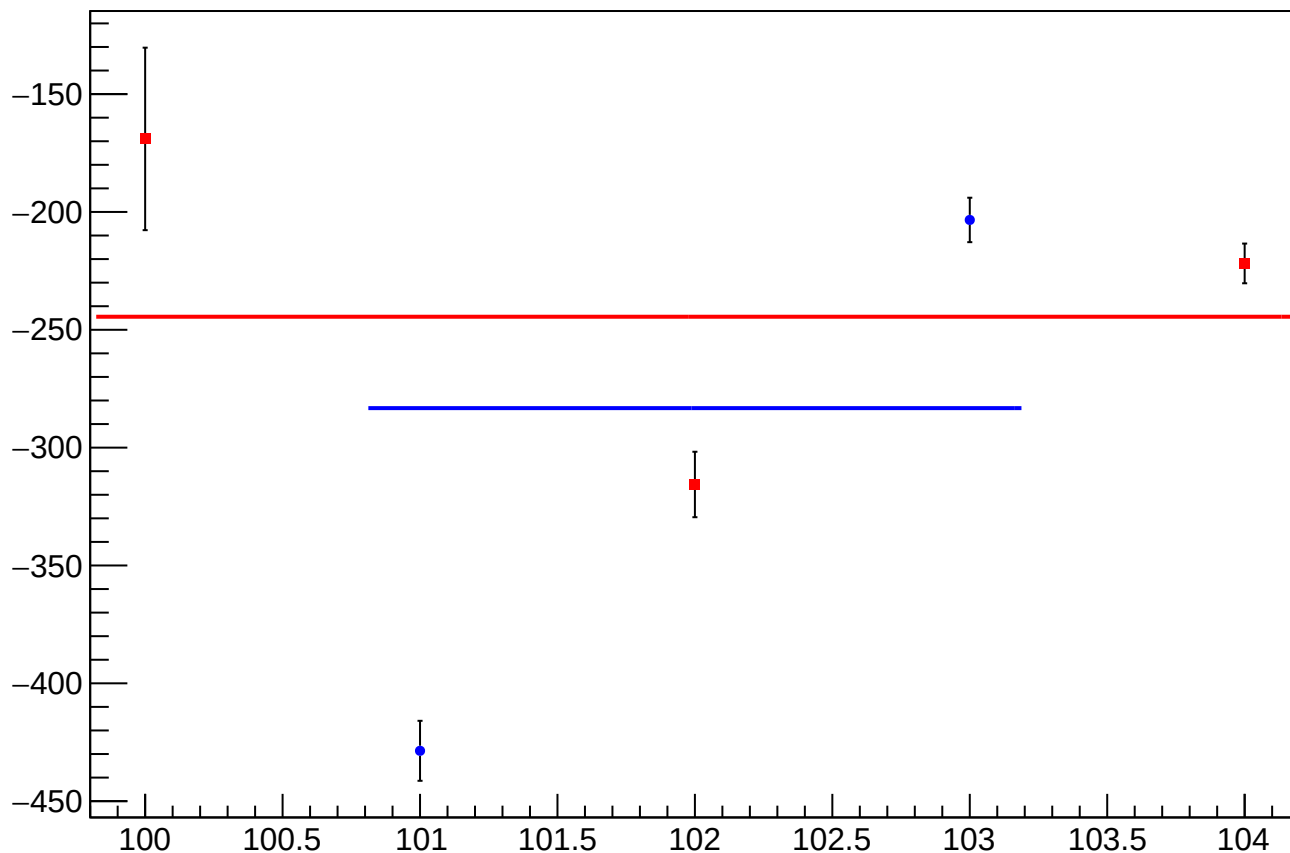
reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.176+/-0.172 χ^2/NDF : 5914.5/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 86.341+/-0.161 χ^2/NDF : 10607.4/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 90.458+/-0.117 χ^2/NDF : 17932.2/4
 In: 95.176+/-0.172 χ^2/NDF : 5914.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 90.458+/-0.117 χ^2/NDF : 17932.2/4

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: -244.460+/-7.081 χ^2/NDF : 37.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

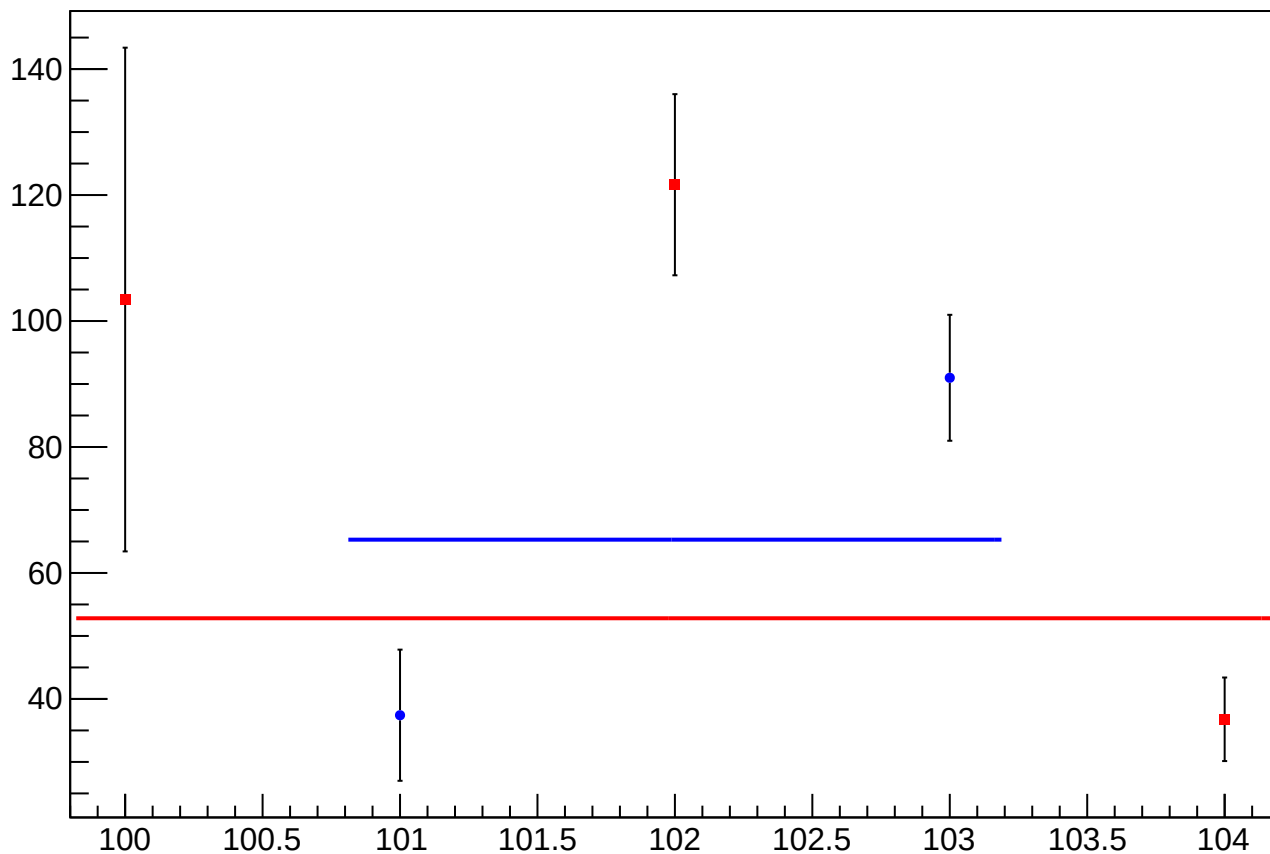
Right: -262.541+/-5.173 χ^2/NDF : 253.5/4

In: -283.236+/-7.576 χ^2/NDF : 202.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.541+/-5.173 χ^2/NDF : 253.5/4

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: 52.807+/-5.956 χ^2/NDF : 30.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

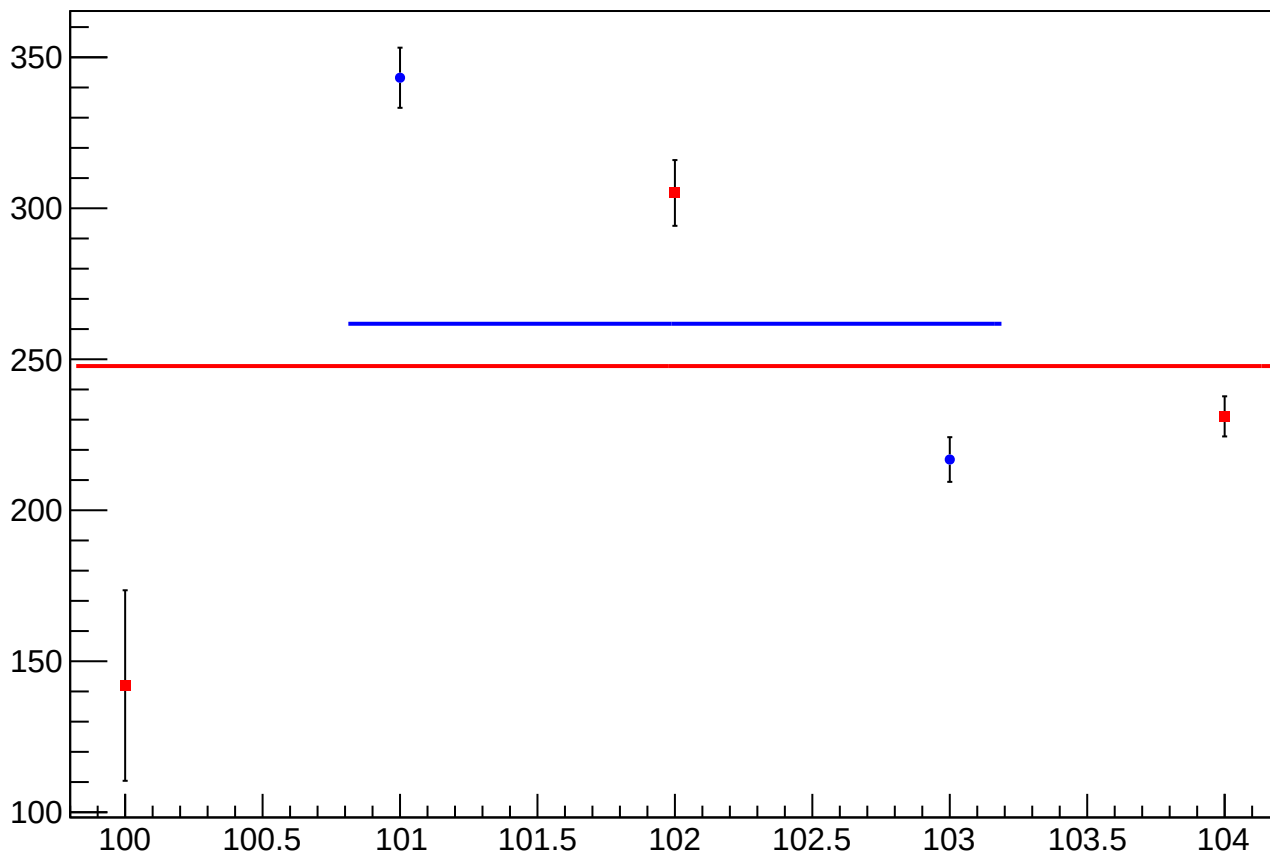
Right: 57.868+/-4.592 χ^2/NDF : 45.9/4

In: 65.287+/-7.211 χ^2/NDF : 13.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.868+/-4.592 χ^2/NDF : 45.9/4

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: 247.753 $\pm$ 5.582 χ^2 /NDF: 45.3/2

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

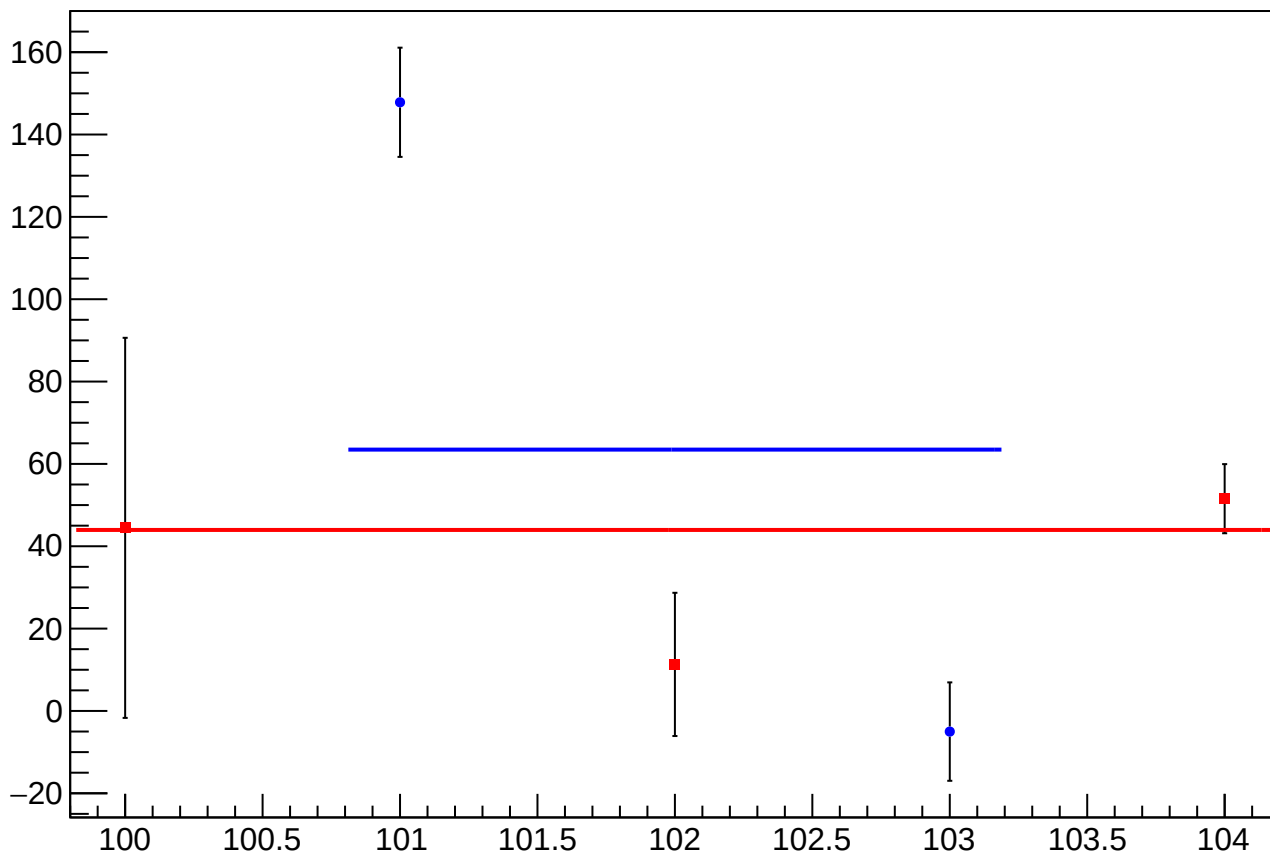
Right: 254.323 $\pm$ 4.068 χ^2 /NDF: 152.0/4

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: 254.323 $\pm$ 4.068 χ^2 /NDF: 152.0/4

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: 43.960+/-7.461 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

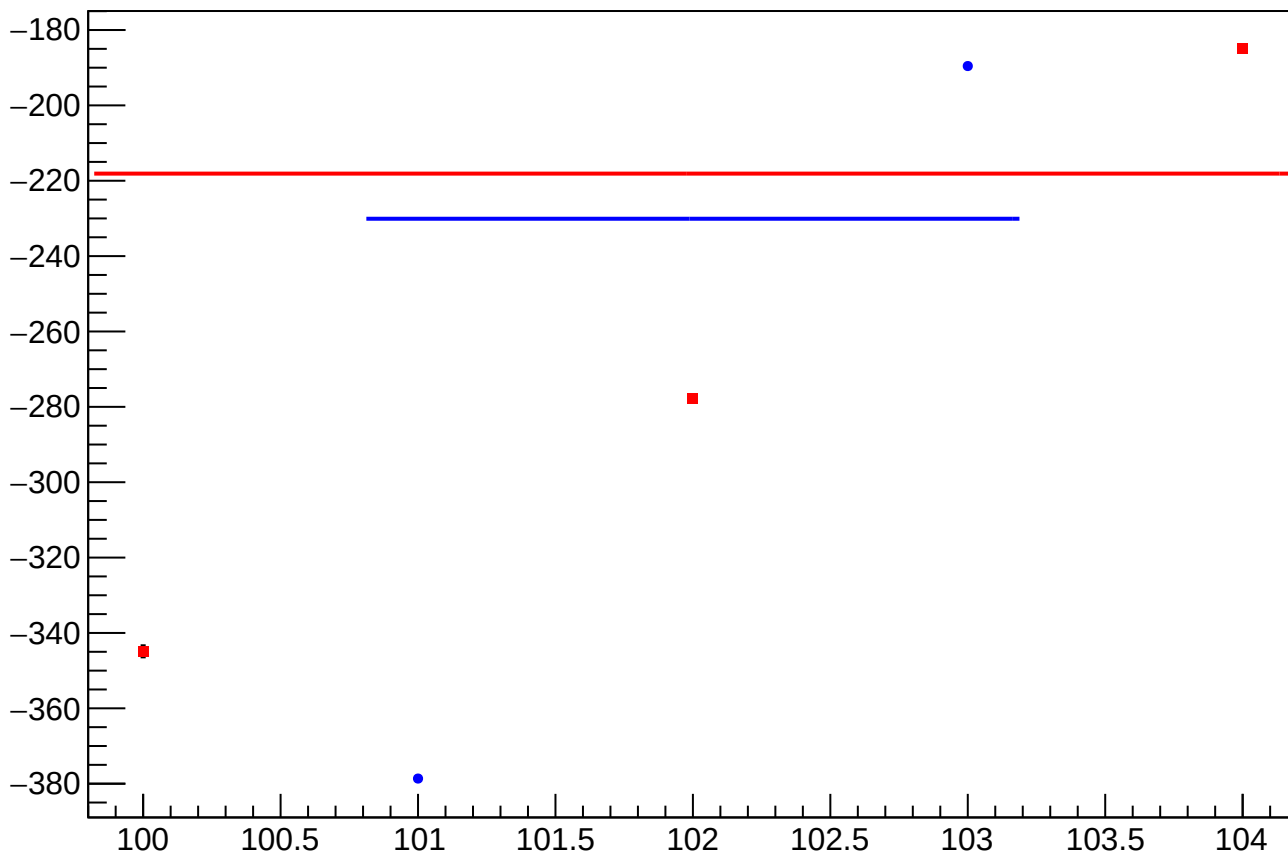
Right: 52.037+/-5.712 χ^2/NDF : 80.5/4

In: 63.473+/-8.878 χ^2/NDF : 73.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.037+/-5.712 χ^2/NDF : 80.5/4

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -230.083+/-0.275 χ^2/NDF : 79448.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.107+/-0.262 χ^2/NDF : 32937.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

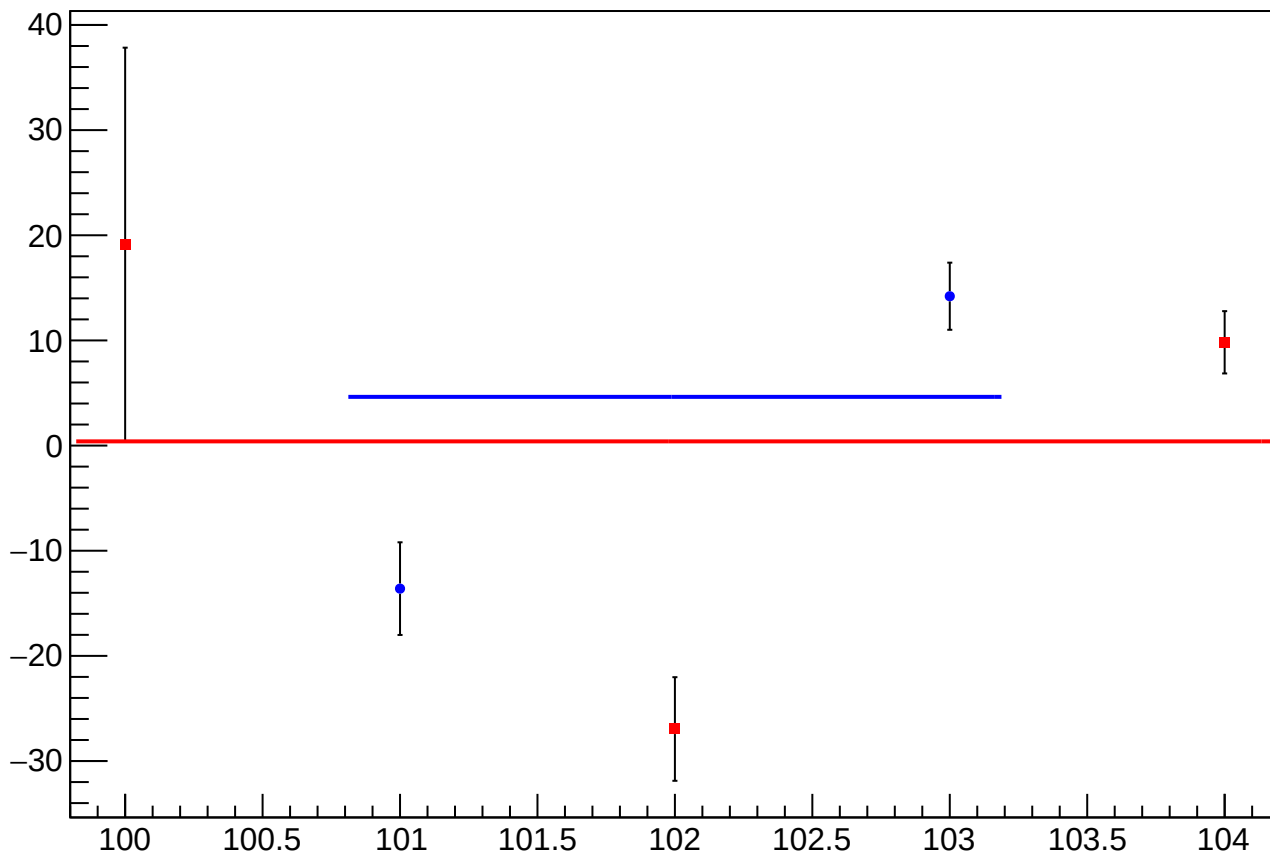
Right: -223.807+/-0.190 χ^2/NDF : 113378.0/4

In: -230.083+/-0.275 χ^2/NDF : 79448.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.807+/-0.190 χ^2/NDF : 113378.0/4

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: 0.400+/-2.516 χ^2/NDF : 41.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

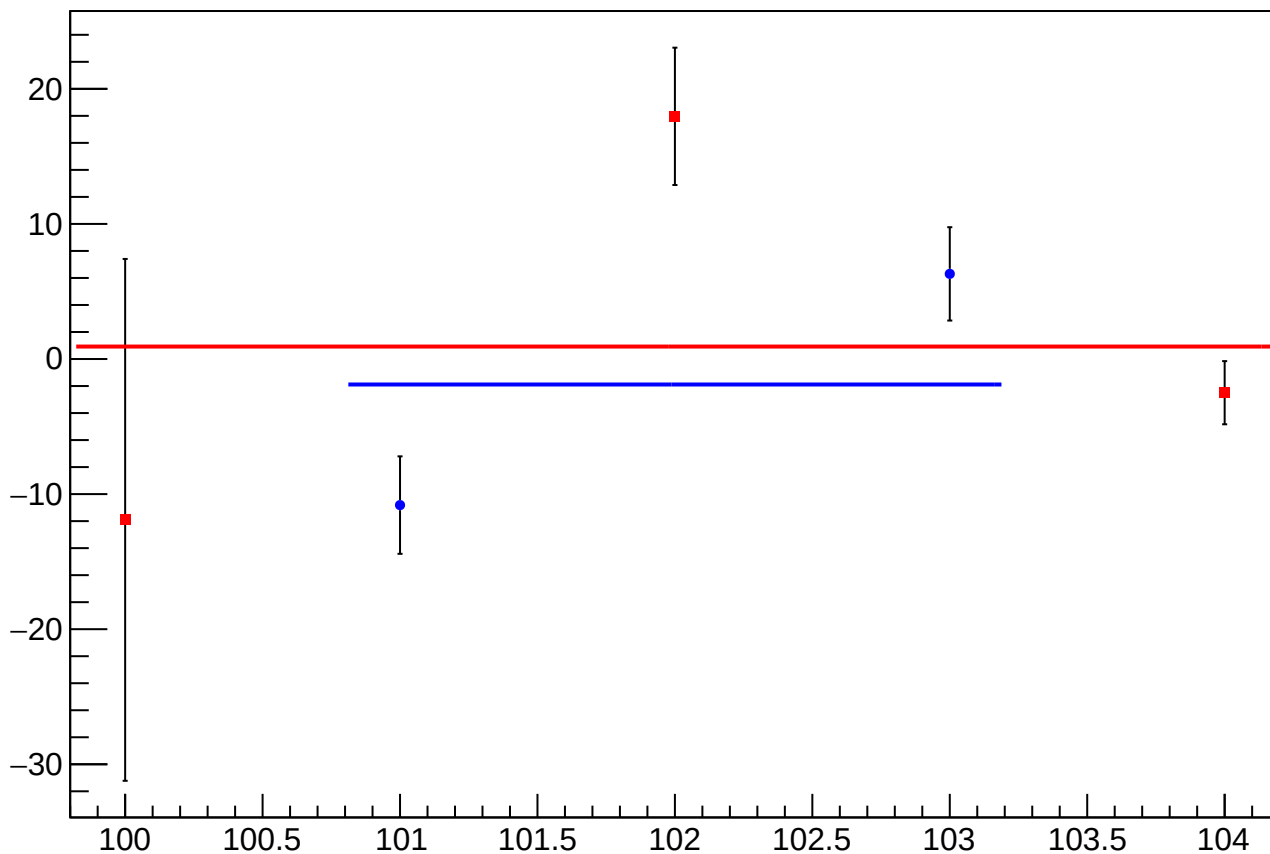
Right: 2.459+/-1.803 χ^2/NDF : 69.4/4

In: 4.633+/-2.585 χ^2/NDF : 26.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.459+/-1.803 χ^2/NDF : 69.4/4

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: 0.923 $\pm$ 2.111 χ^2 /NDF: 13.8/2

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

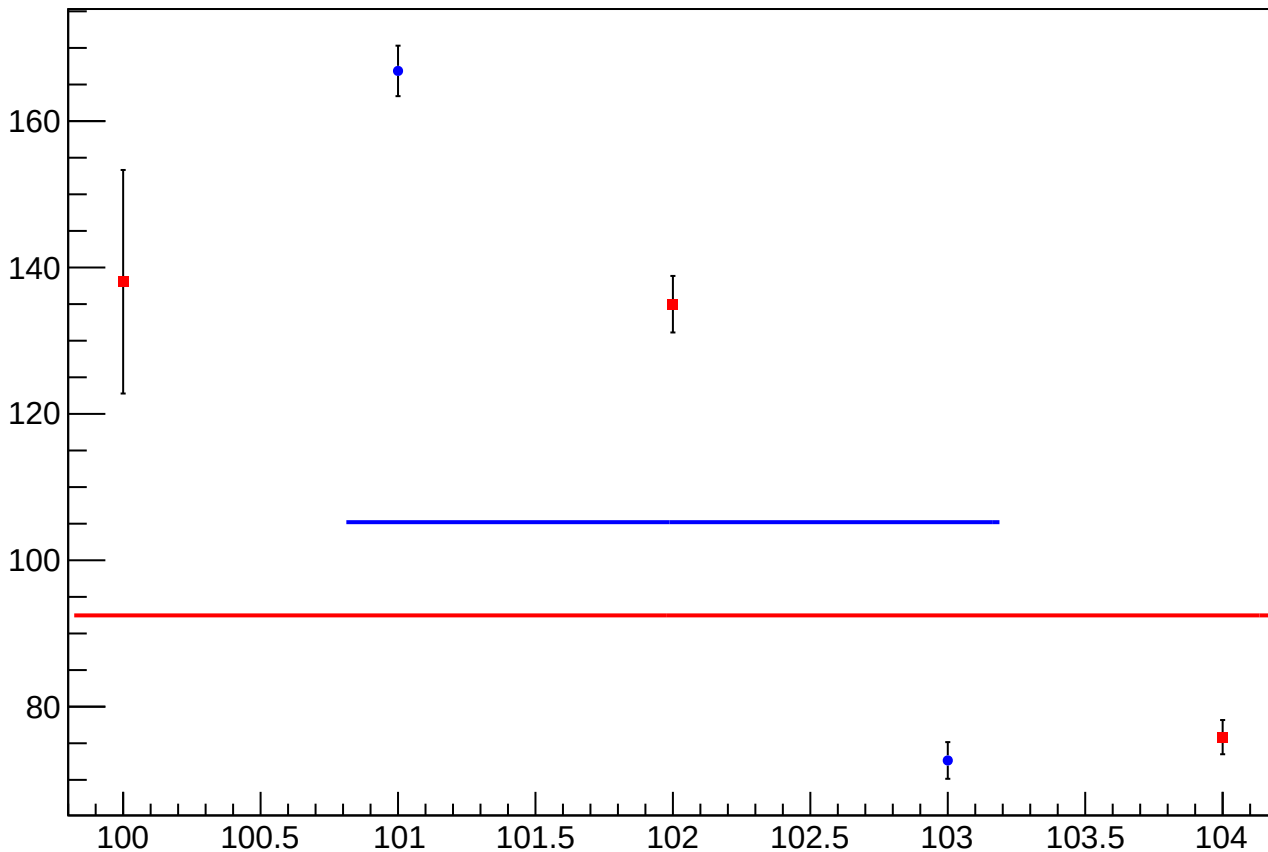
Right: -0.249 $\pm$ 1.612 χ^2 /NDF: 26.3/4

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: -0.249 $\pm$ 1.612 χ^2 /NDF: 26.3/4

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: 92.471+/-1.983 χ^2/NDF : 180.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

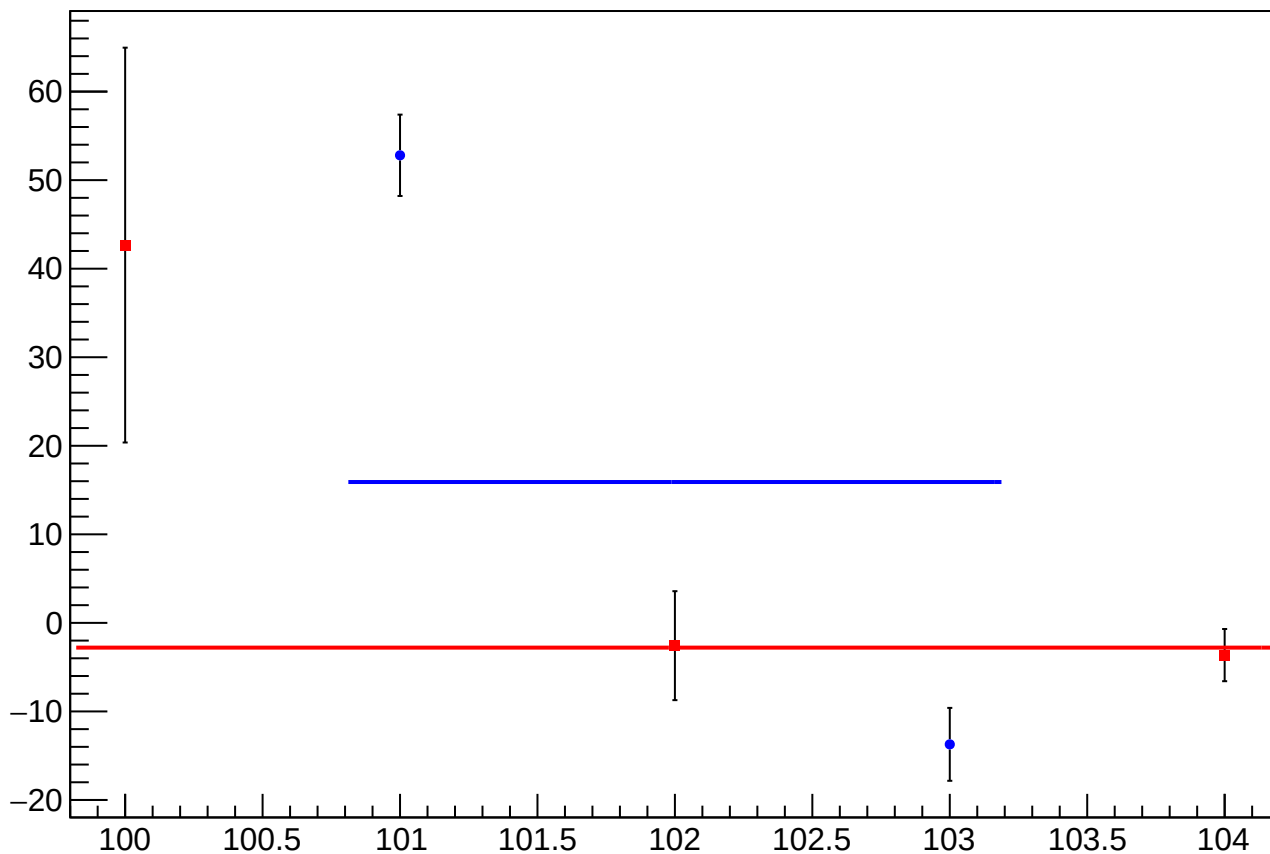
Right: 98.696+/-1.417 χ^2/NDF : 689.2/4

In: 105.206+/-2.027 χ^2/NDF : 488.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.696+/-1.417 χ^2/NDF : 689.2/4

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: -2.794+/-2.639 χ^2/NDF : 4.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

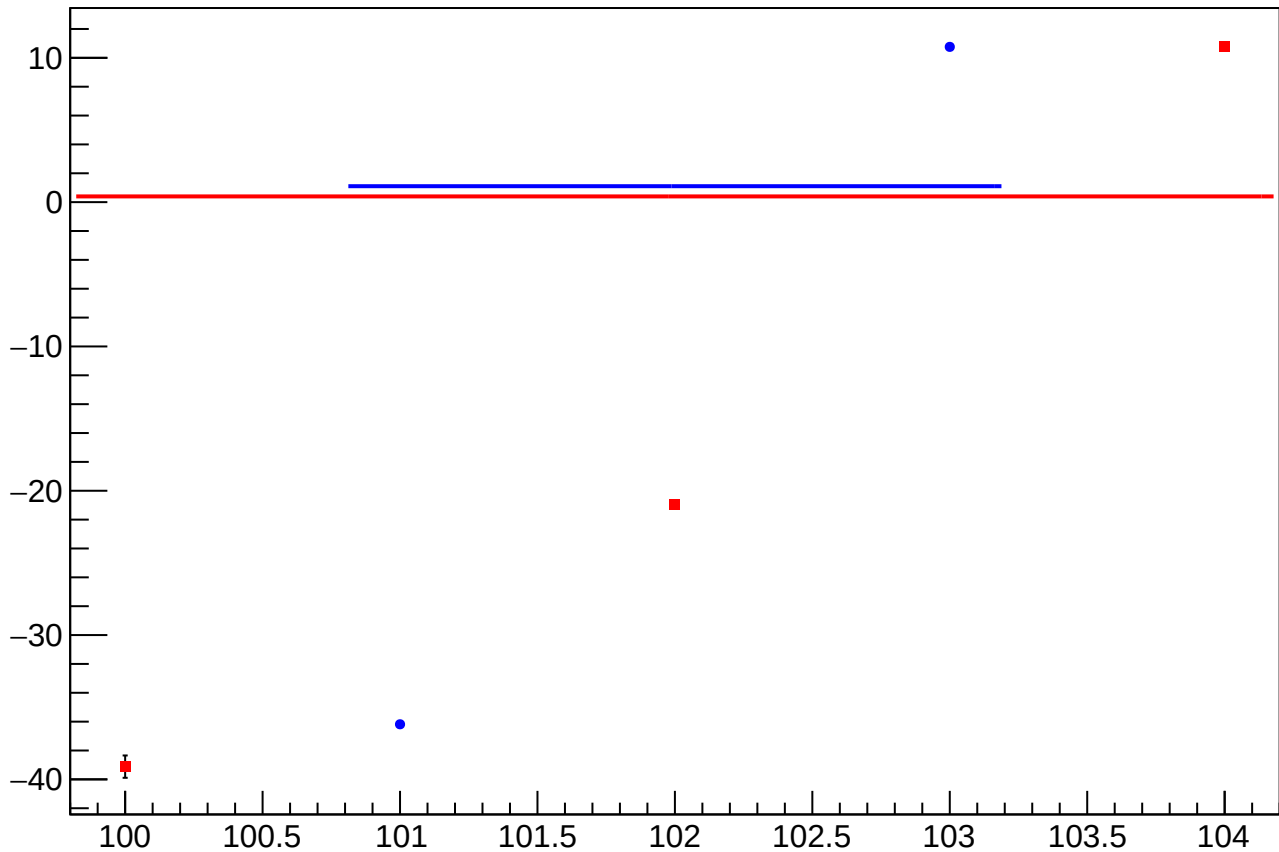
Right: 5.168+/-2.000 χ^2/NDF : 141.9/4

In: 15.908+/-3.066 χ^2/NDF : 116.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.168+/-2.000 χ^2/NDF : 141.9/4

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 1.105 $\pm$ 0.093 χ^2 /NDF: 41394.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.397 $\pm$ 0.092 χ^2 /NDF: 27495.1/2

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

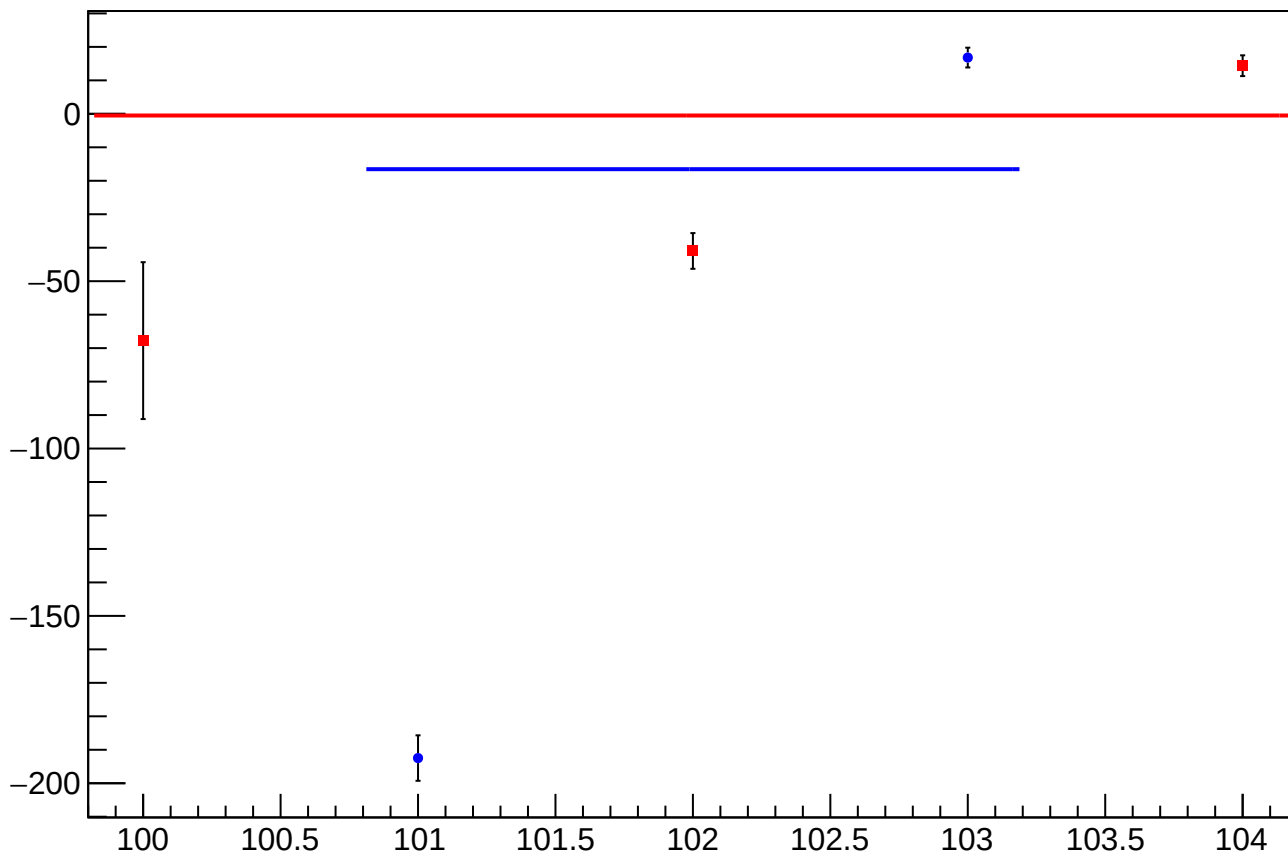
Right: 0.748 $\pm$ 0.066 χ^2 /NDF: 68918.6/4

In: 1.105 $\pm$ 0.093 χ^2 /NDF:41394.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.748 $\pm$ 0.066 χ^2 /NDF: 68918.6/4

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.534 $\pm$ 2.711 χ^2 /NDF: 798.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.498 $\pm$ 2.665 χ^2 /NDF: 88.8/2

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

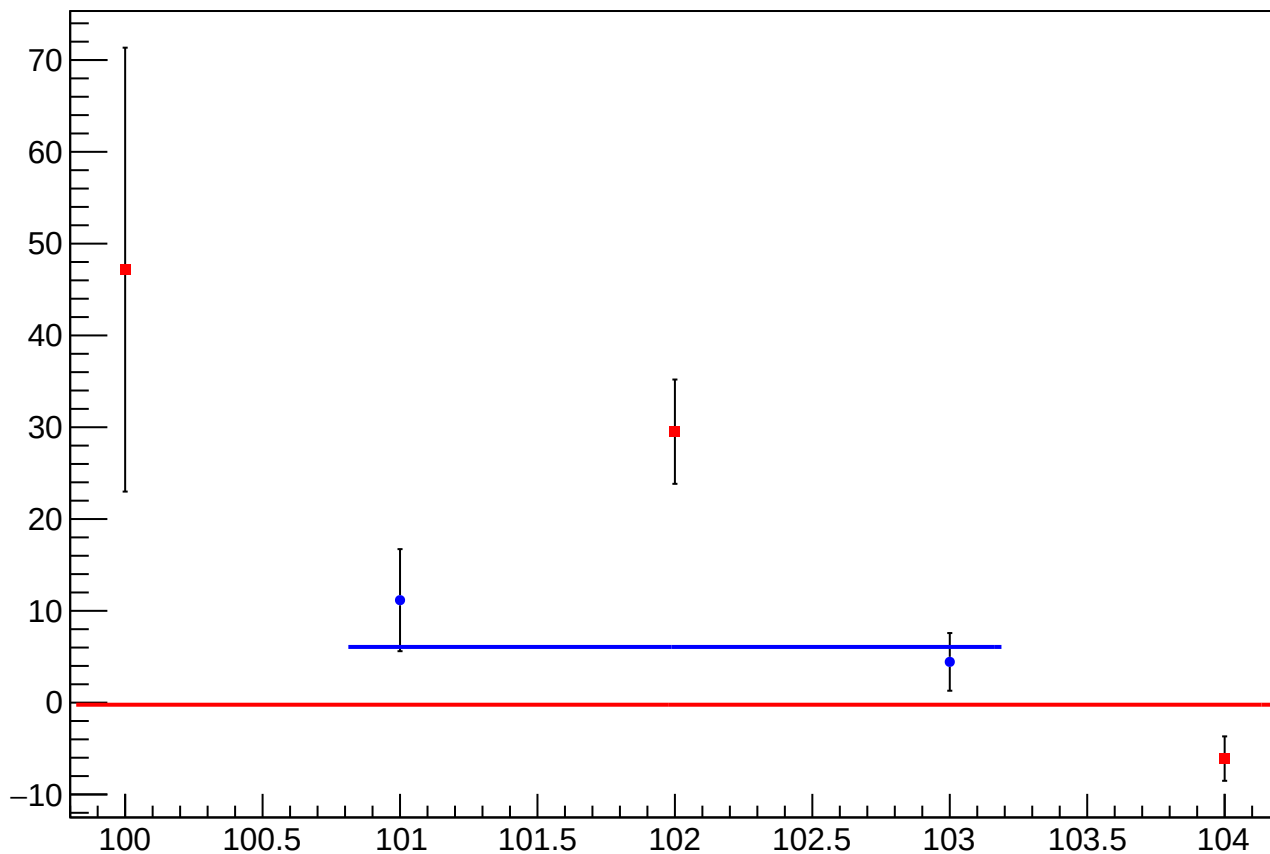
Right: -8.380 $\pm$ 1.901 χ^2 /NDF: 904.8/4

In: -16.534 $\pm$ 2.711 χ^2 /NDF:798.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.380 $\pm$ 1.901 χ^2 /NDF: 904.8/4

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: -0.226+/-2.217 χ^2/NDF : 37.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

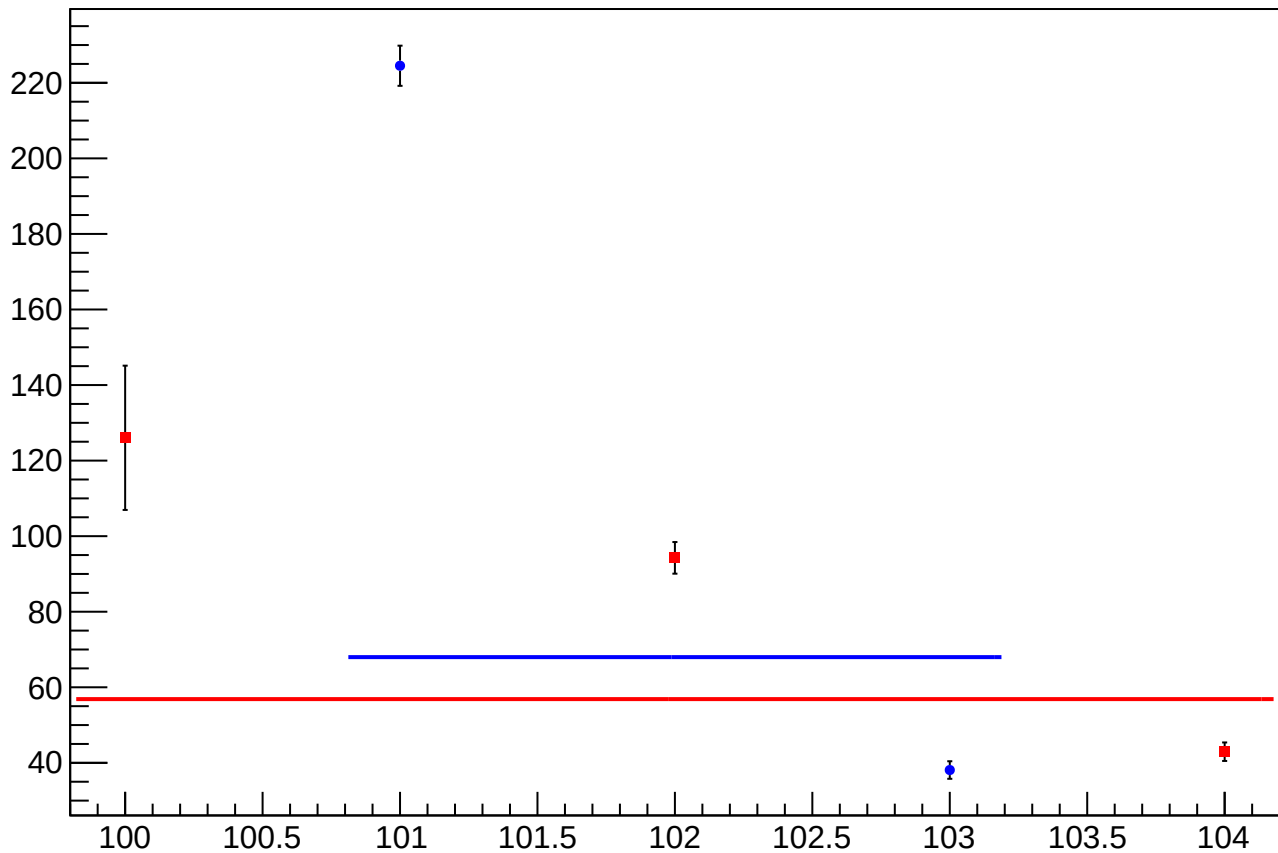
Right: 2.268+/-1.722 χ^2/NDF : 41.4/4

In: 6.067+/-2.735 χ^2/NDF : 1.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.268+/-1.722 χ^2/NDF : 41.4/4

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 67.984+/-2.128 χ^2/NDF : 1032.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.870+/-2.100 χ^2/NDF : 125.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

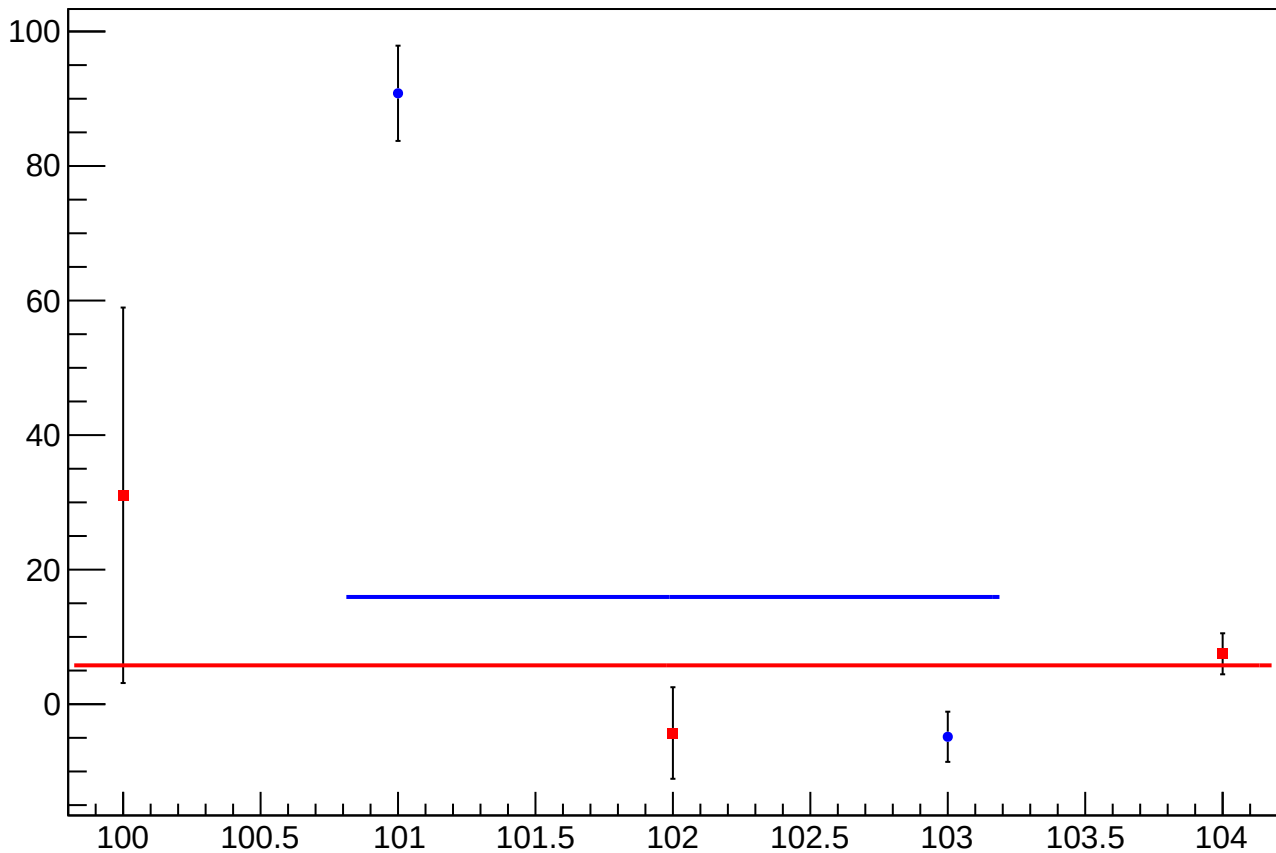
Right: 62.354+/-1.495 χ^2/NDF : 1171.8/4

In: 67.984+/-2.128 χ^2/NDF : 1032.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.354+/-1.495 χ^2/NDF : 1171.8/4

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 15.940+/-3.300 χ^2/NDF : 142.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.774+/-2.769 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

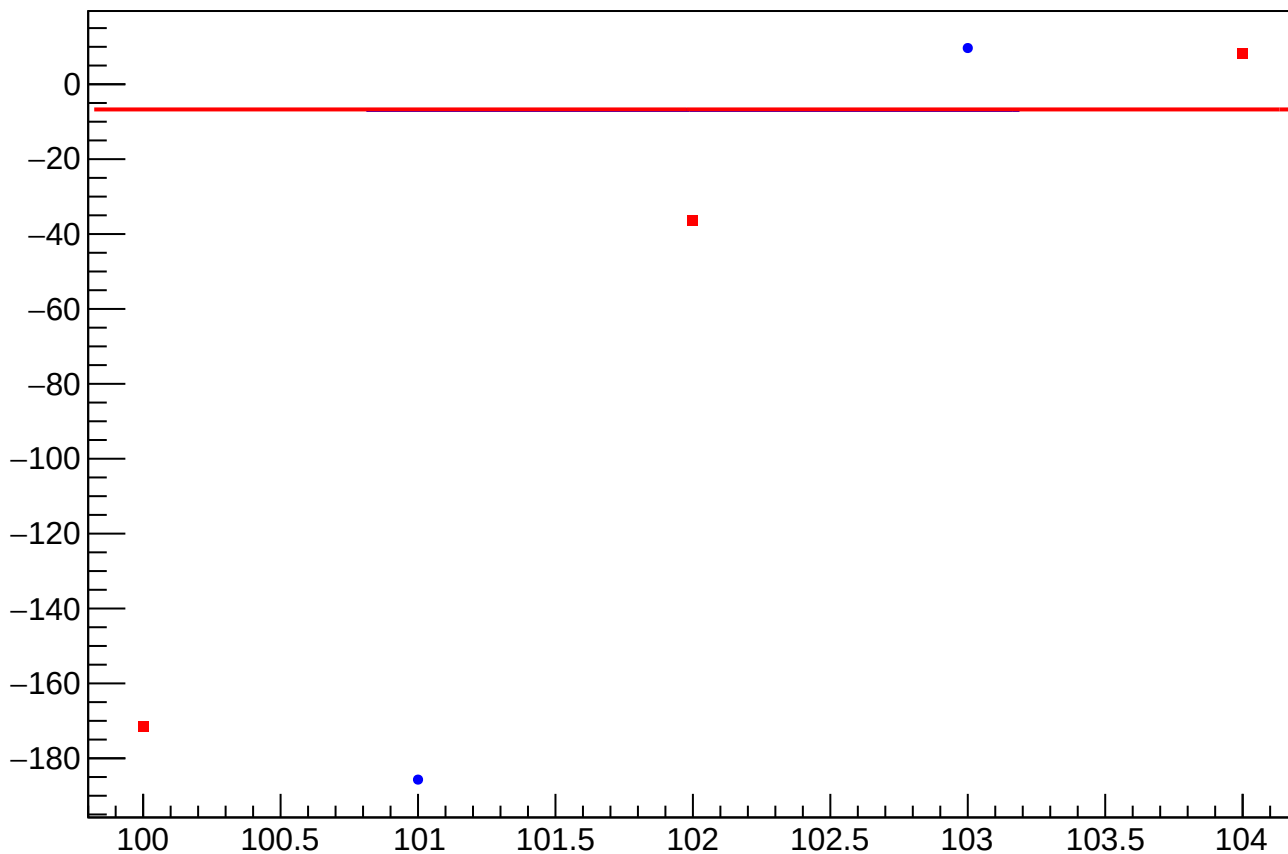
Right: 9.974+/-2.121 χ^2/NDF : 151.8/4

In: 15.940+/-3.300 χ^2/NDF : 142.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.974+/-2.121 χ^2/NDF : 151.8/4

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: -6.725+/-0.097 χ^2/NDF : 73757.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

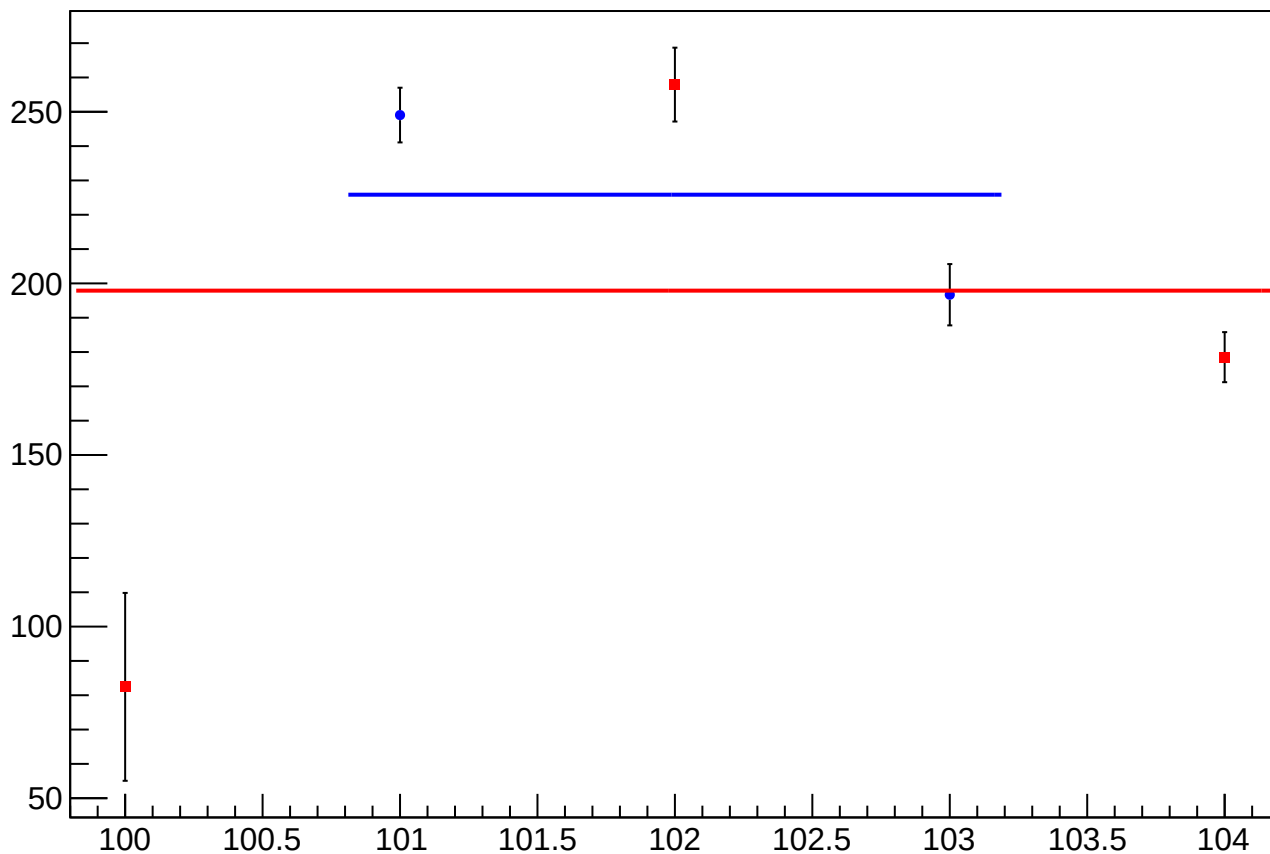
Right: -6.801+/-0.067 χ^2/NDF : 421415.2/4

In: -6.870+/-0.092 χ^2/NDF : 347656.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.801+/-0.067 χ^2/NDF : 421415.2/4

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: 197.890 $\pm$ 5.897 χ^2 /NDF: 56.0/2

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

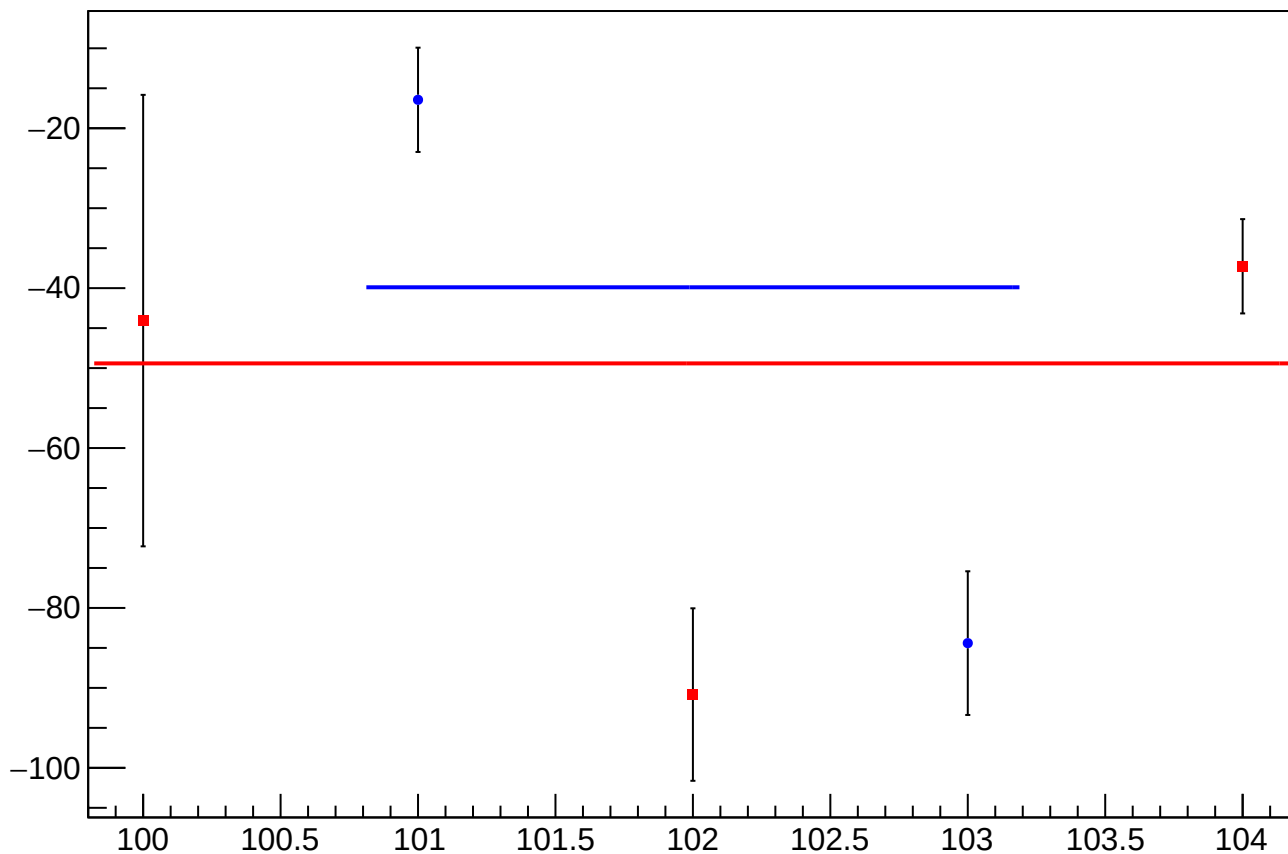
Right: 211.749 $\pm$ 4.187 χ^2 /NDF: 86.2/4

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: 211.749 $\pm$ 4.187 χ^2 /NDF: 86.2/4

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -39.893 ± 5.278 $\chi^2/\text{NDF}: 37.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.412 ± 5.090 $\chi^2/\text{NDF}: 19.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

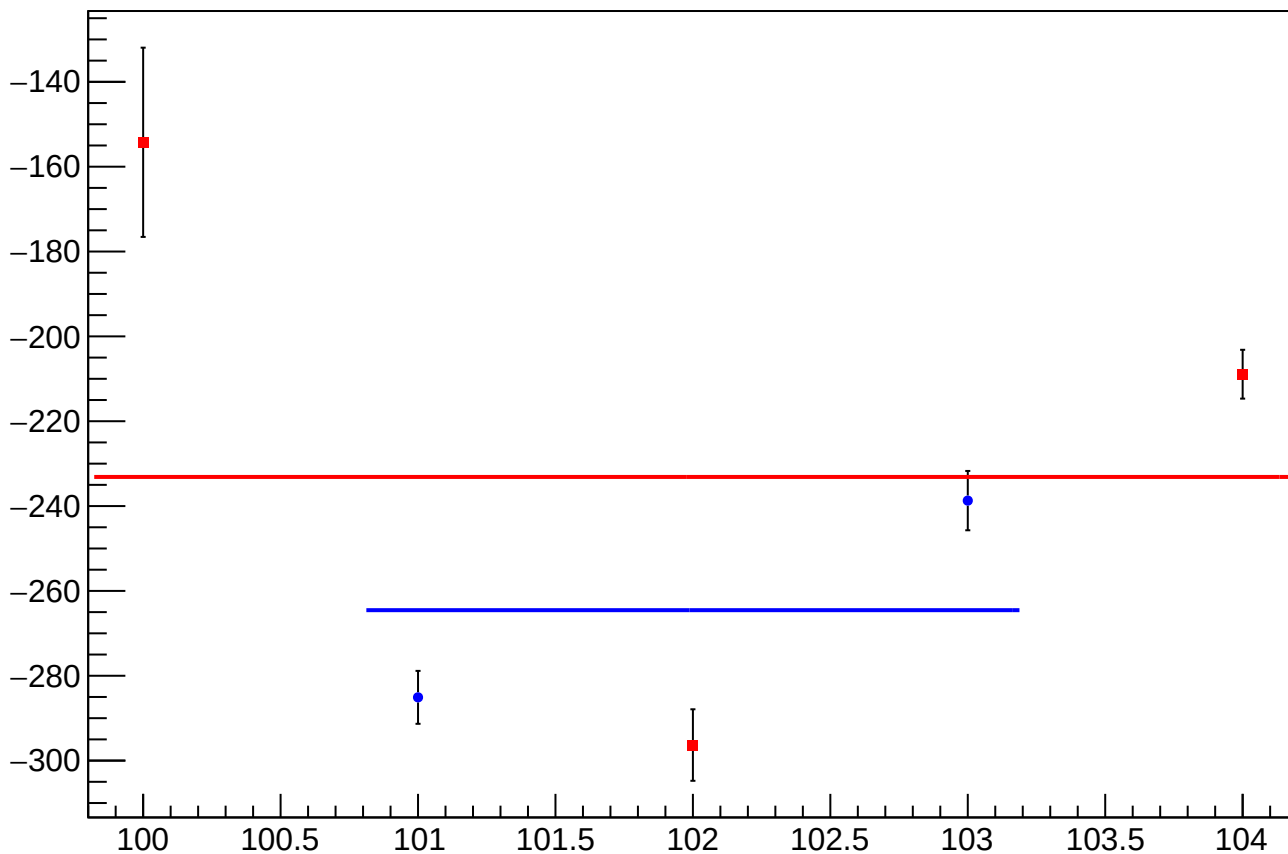
Right: -44.826 ± 3.664 $\chi^2/\text{NDF}: 58.2/4$

In: -39.893 ± 5.278 $\chi^2/\text{NDF}: 37.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -44.826 ± 3.664 $\chi^2/\text{NDF}: 58.2/4$

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: -233.134+/-4.649 χ^2/NDF : 86.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

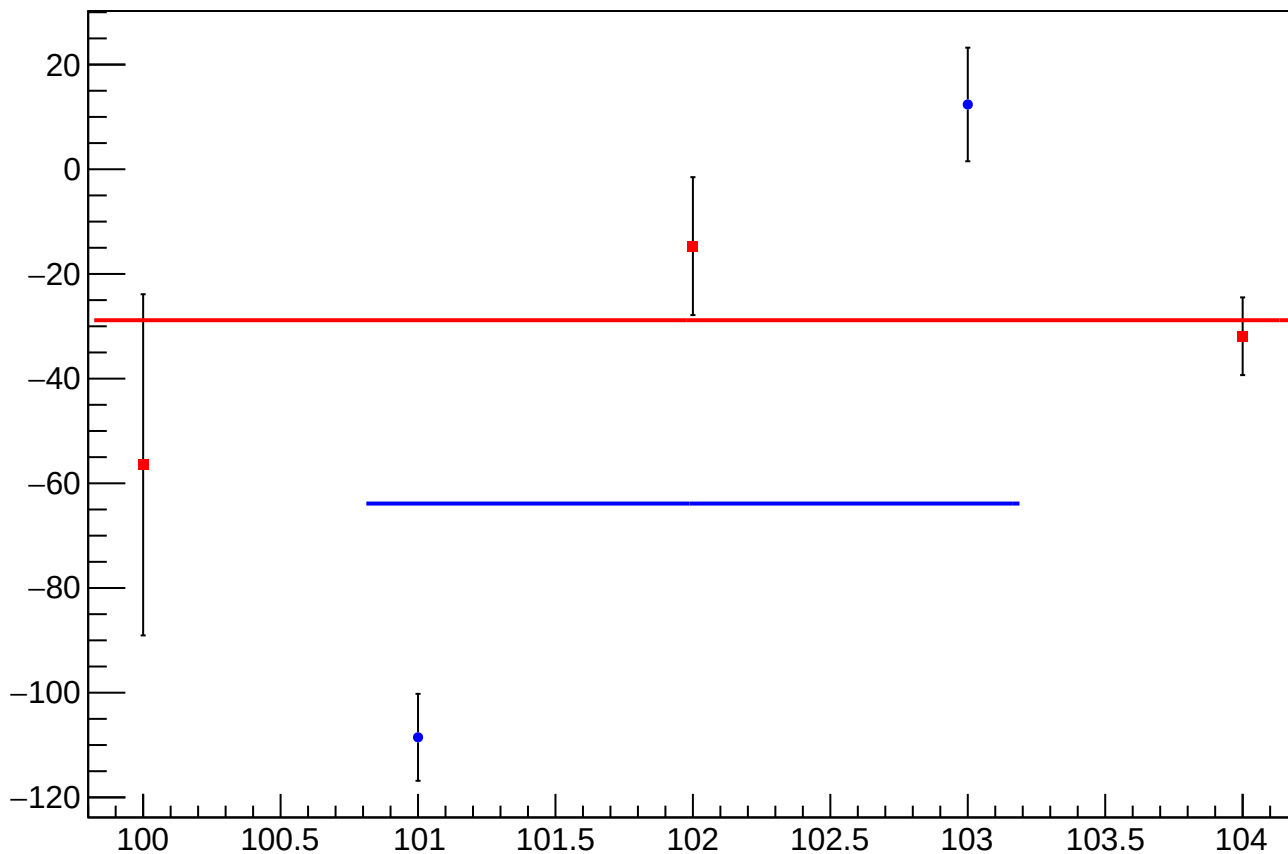
Right: -248.818+/-3.289 χ^2/NDF : 133.7/4

In: -264.540+/-4.655 χ^2/NDF : 24.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -248.818+/-3.289 χ^2/NDF : 133.7/4

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: -28.841+/-6.344 χ^2/NDF : 2.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

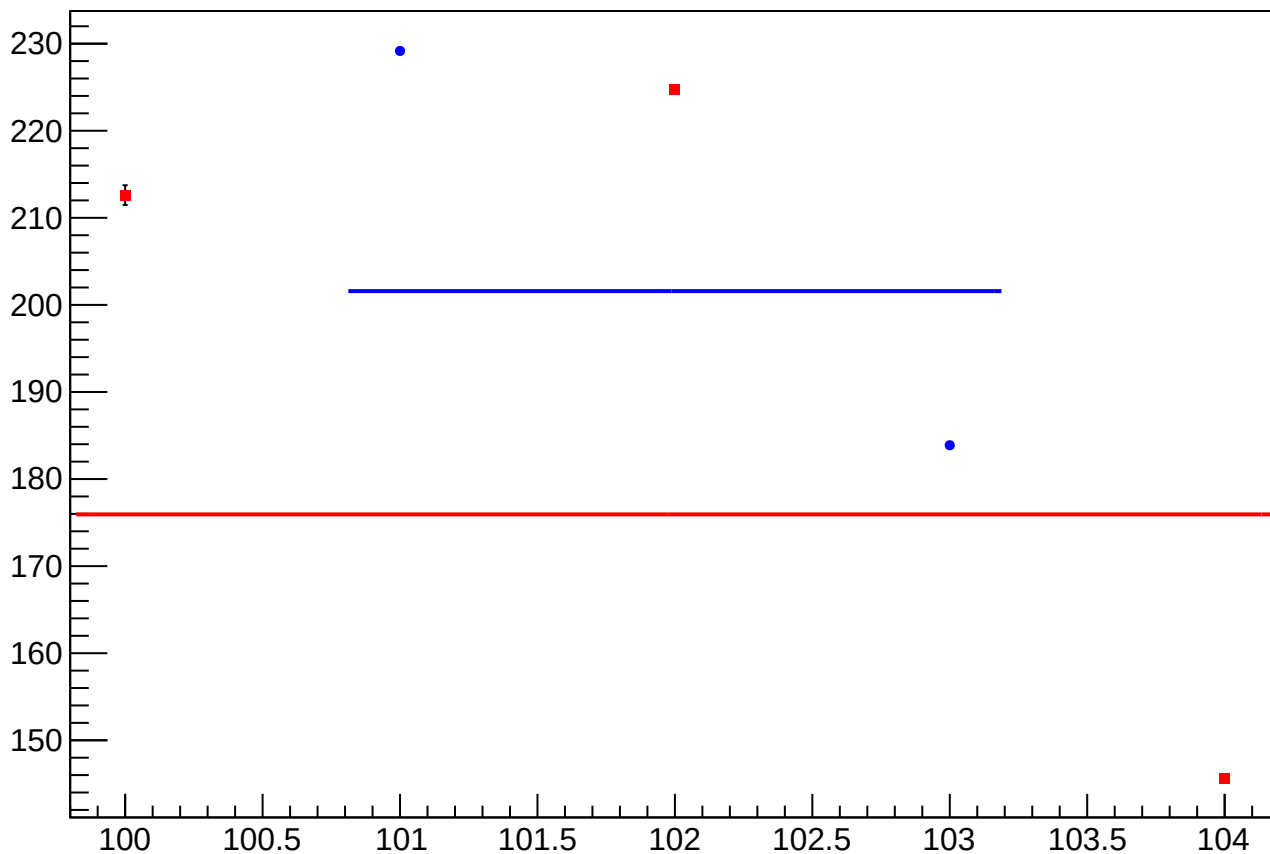
Right: -45.671+/-4.573 χ^2/NDF : 94.9/4

In: -63.865+/-6.596 χ^2/NDF : 78.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.671+/-4.573 χ^2/NDF : 94.9/4

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: 175.942 $\pm$ 0.220 χ^2 /NDF: 29924.8/2

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

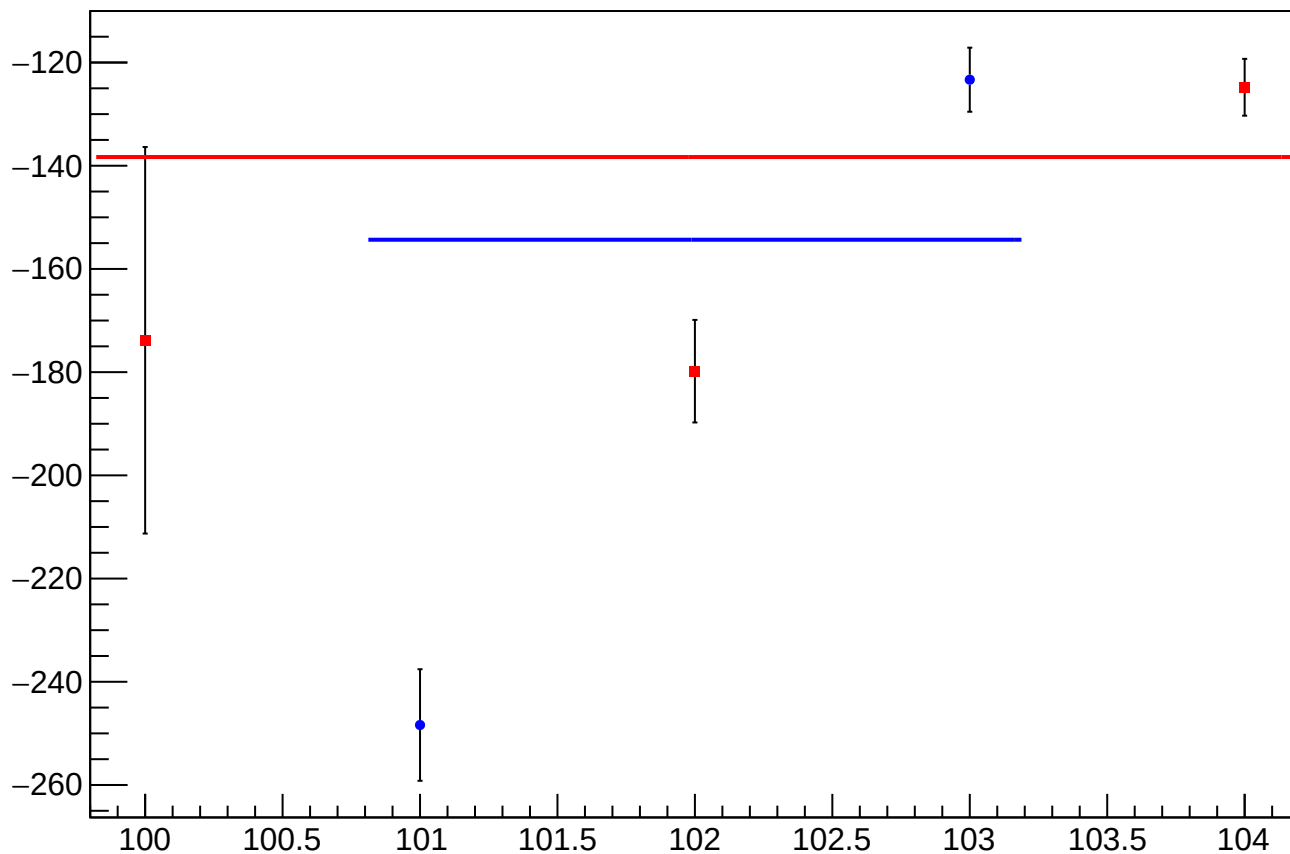
Right: 188.051 $\pm$ 0.160 χ^2 /NDF: 45357.2/4

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: 188.051 $\pm$ 0.160 χ^2 /NDF: 45357.2/4

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: -138.314+/-4.777 χ^2/NDF : 24.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

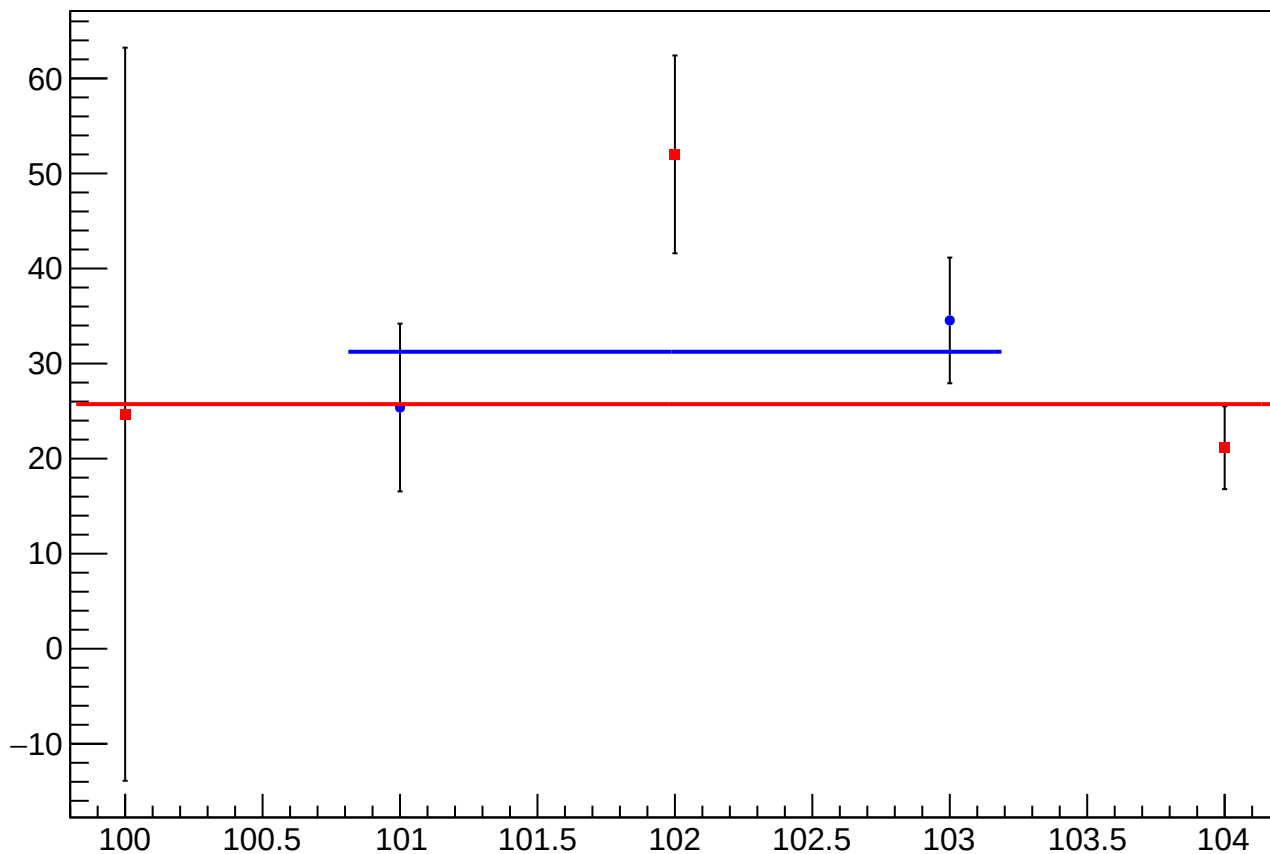
Right: -145.374+/-3.573 χ^2/NDF : 129.9/4

In: -154.341+/-5.384 χ^2/NDF : 100.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.374+/-3.573 χ^2/NDF : 129.9/4

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: 25.732+/-3.995 χ^2/NDF : 7.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

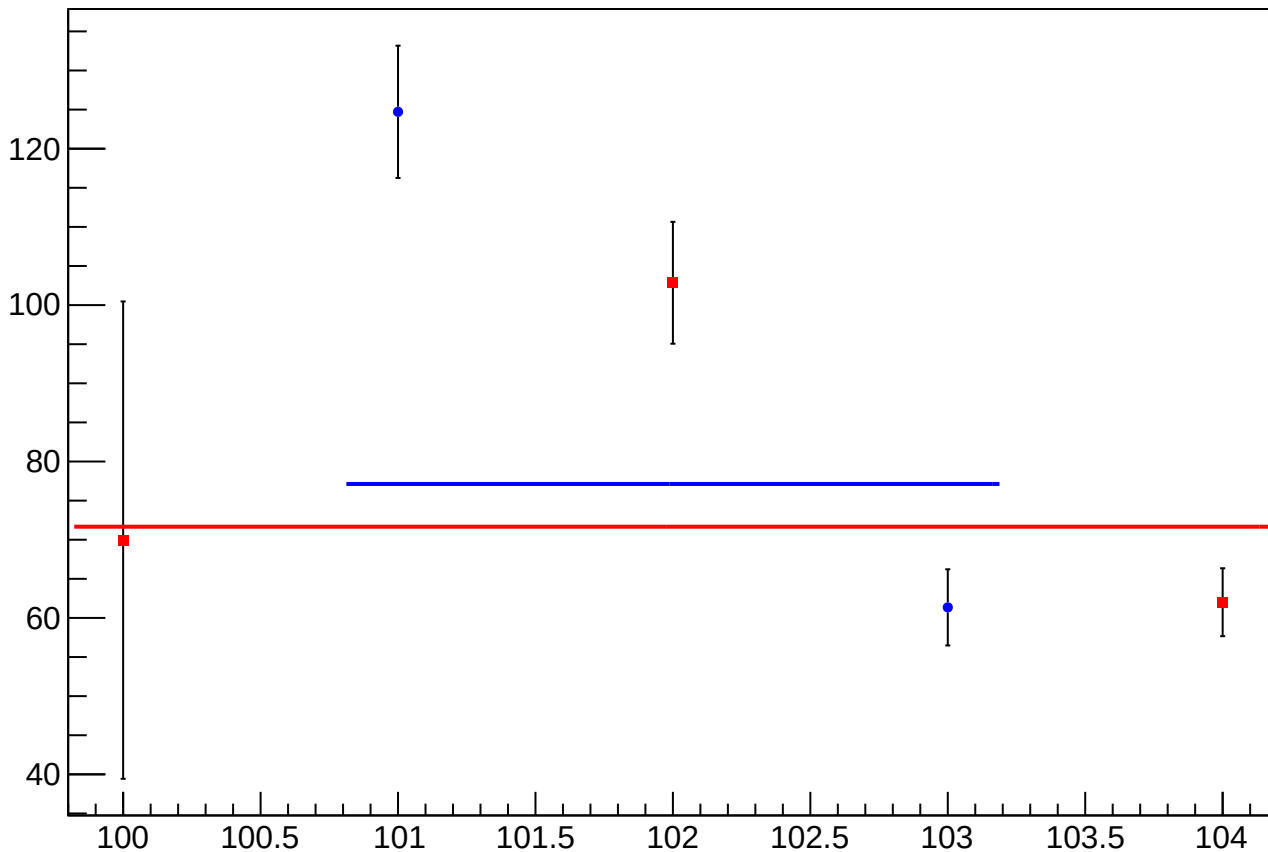
Right: 27.733+/-3.189 χ^2/NDF : 8.9/4

In: 31.243+/-5.293 χ^2/NDF : 0.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.733+/-3.189 χ^2/NDF : 8.9/4

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.130 $\pm$ 4.221 χ^2 /NDF: 42.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.667 $\pm$ 3.765 χ^2 /NDF: 21.0/2

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

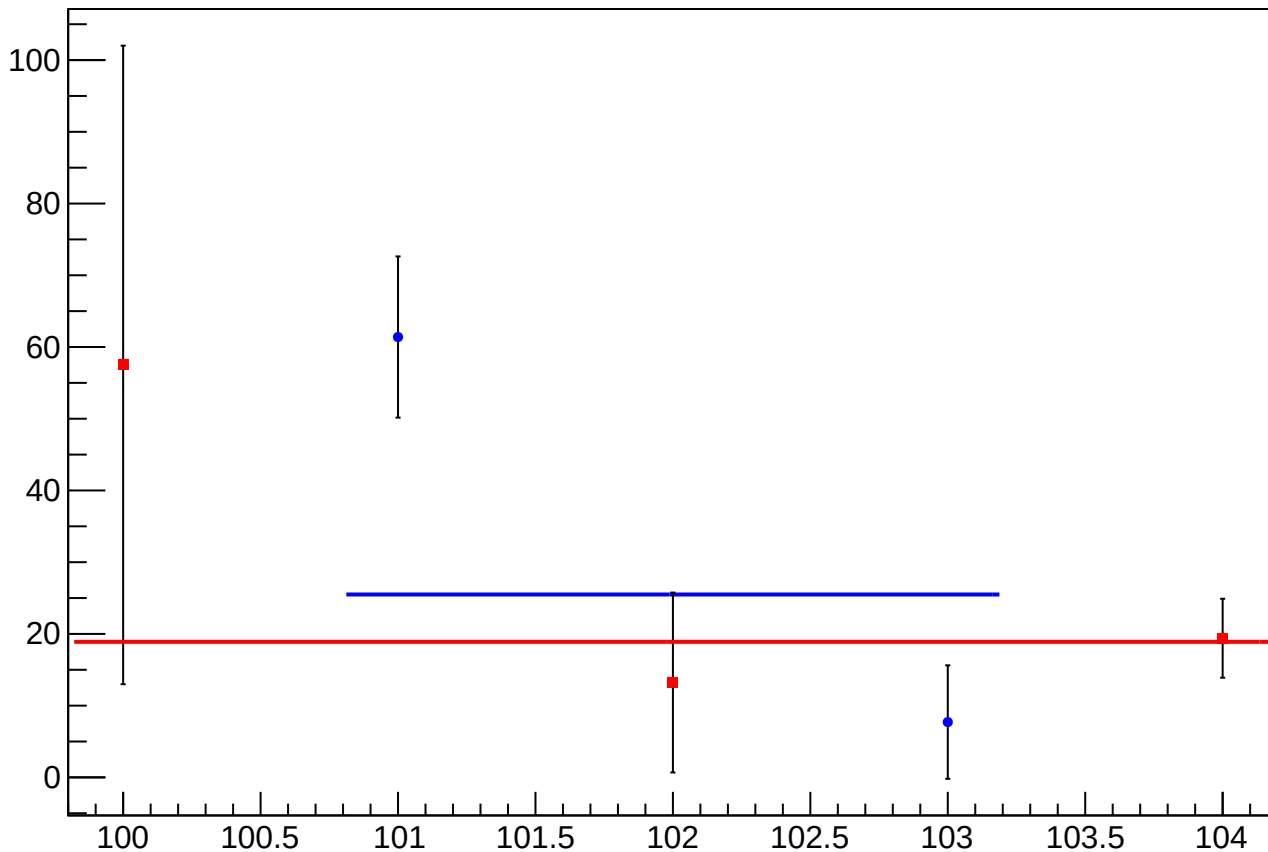
Right: 74.087 $\pm$ 2.810 χ^2 /NDF: 64.1/4

In: 77.130 $\pm$ 4.221 χ^2 /NDF: 42.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.087 $\pm$ 2.810 χ^2 /NDF: 64.1/4

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: 18.895+/-5.008 χ^2/NDF : 1.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

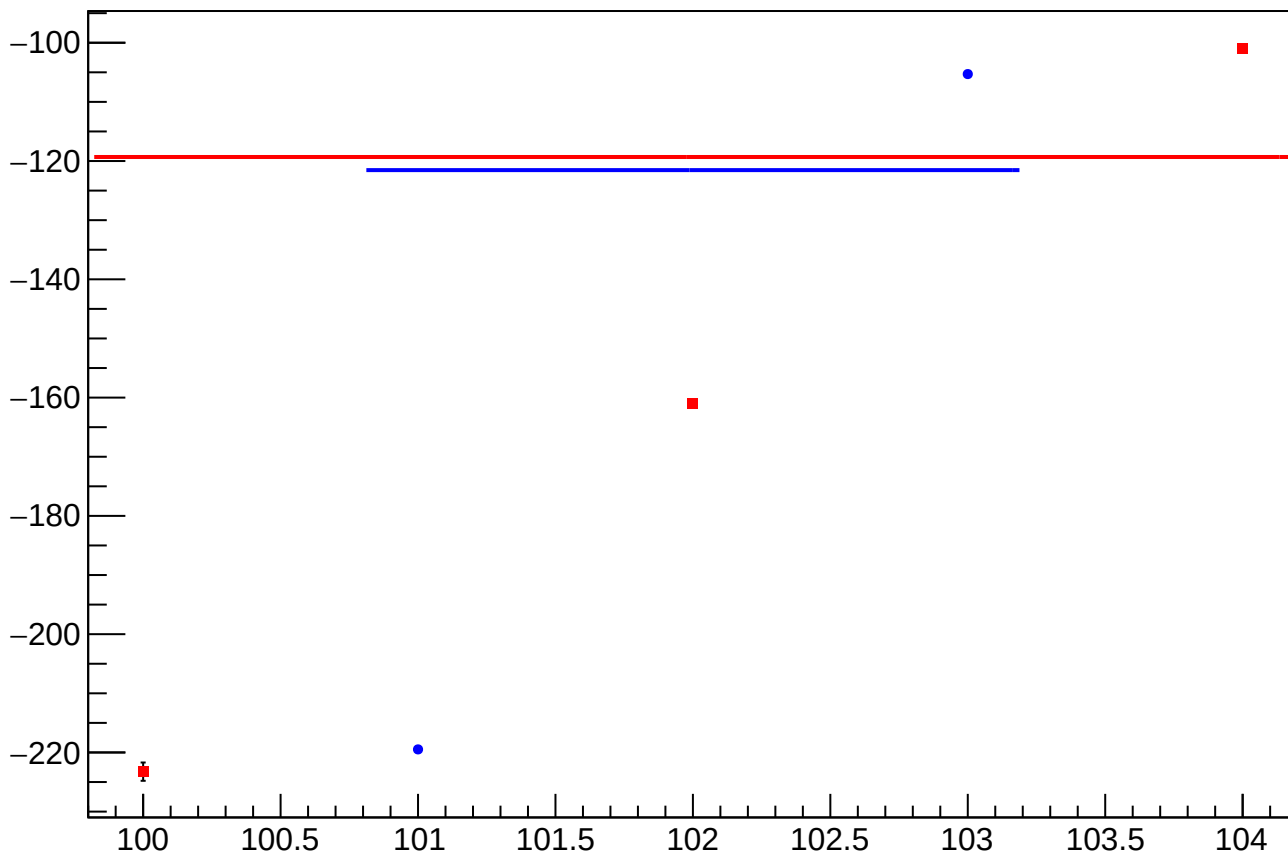
Right: 21.369+/-3.960 χ^2/NDF : 16.9/4

In: 25.495+/-6.468 χ^2/NDF : 15.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.369+/-3.960 χ^2/NDF : 16.9/4

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: -119.317+/-0.177 χ^2/NDF : 27633.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

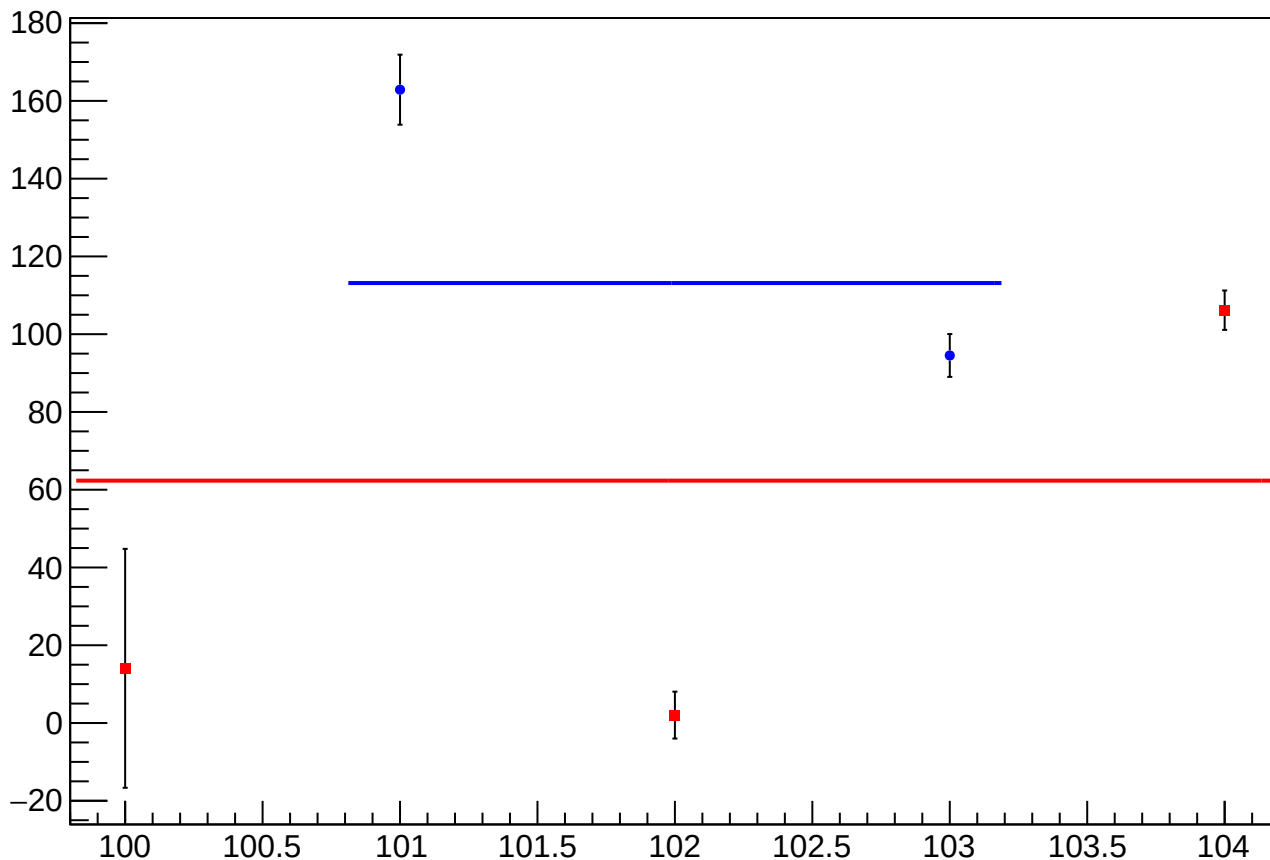
Right: -120.349+/-0.129 χ^2/NDF : 71995.8/4

In: -121.536+/-0.190 χ^2/NDF : 44288.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.349+/-0.129 χ^2/NDF : 71995.8/4

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 113.153+/-4.701 χ^2/NDF : 41.9/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.337+/-3.848 χ^2/NDF : 177.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

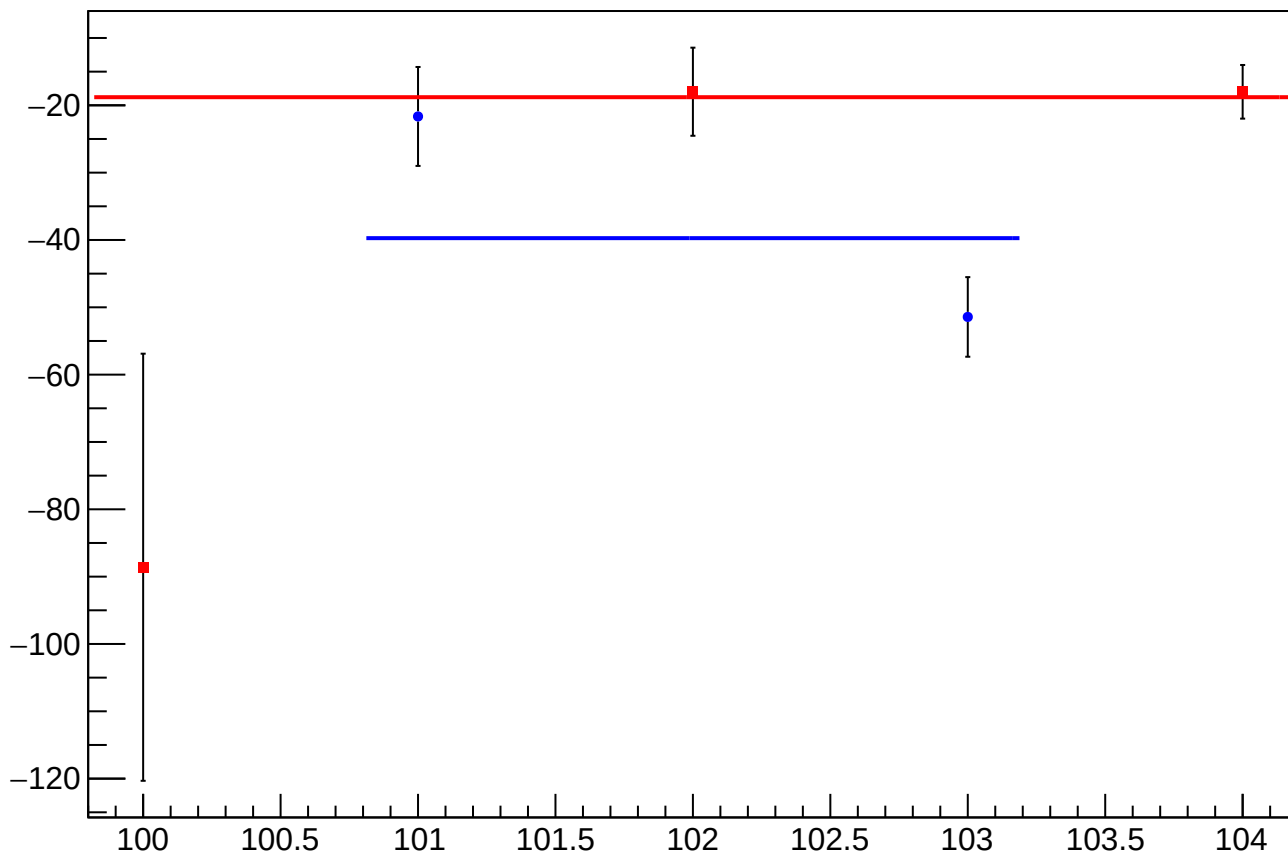
Right: 82.727+/-2.978 χ^2/NDF : 289.2/4

In: 113.153+/-4.701 χ^2/NDF : 41.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.727+/-2.978 χ^2/NDF : 289.2/4

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: -18.795+/-3.383 χ^2/NDF : 4.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

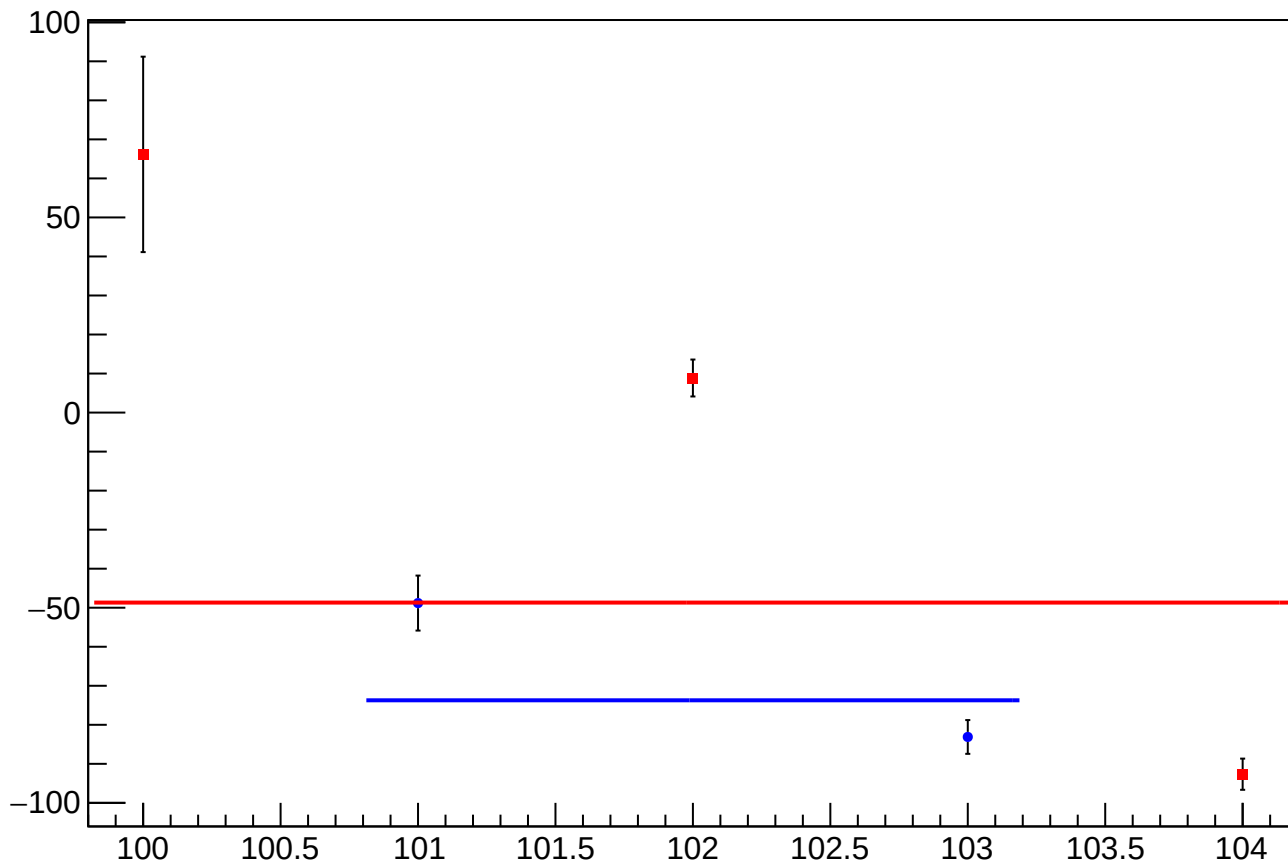
Right: -26.131+/-2.727 χ^2/NDF : 28.3/4

In: -39.729+/-4.606 χ^2/NDF : 10.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.131+/-2.727 χ^2/NDF : 28.3/4

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -73.723 ± 3.686 $\chi^2/\text{NDF}: 17.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -48.684 ± 3.030 $\chi^2/\text{NDF}: 290.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

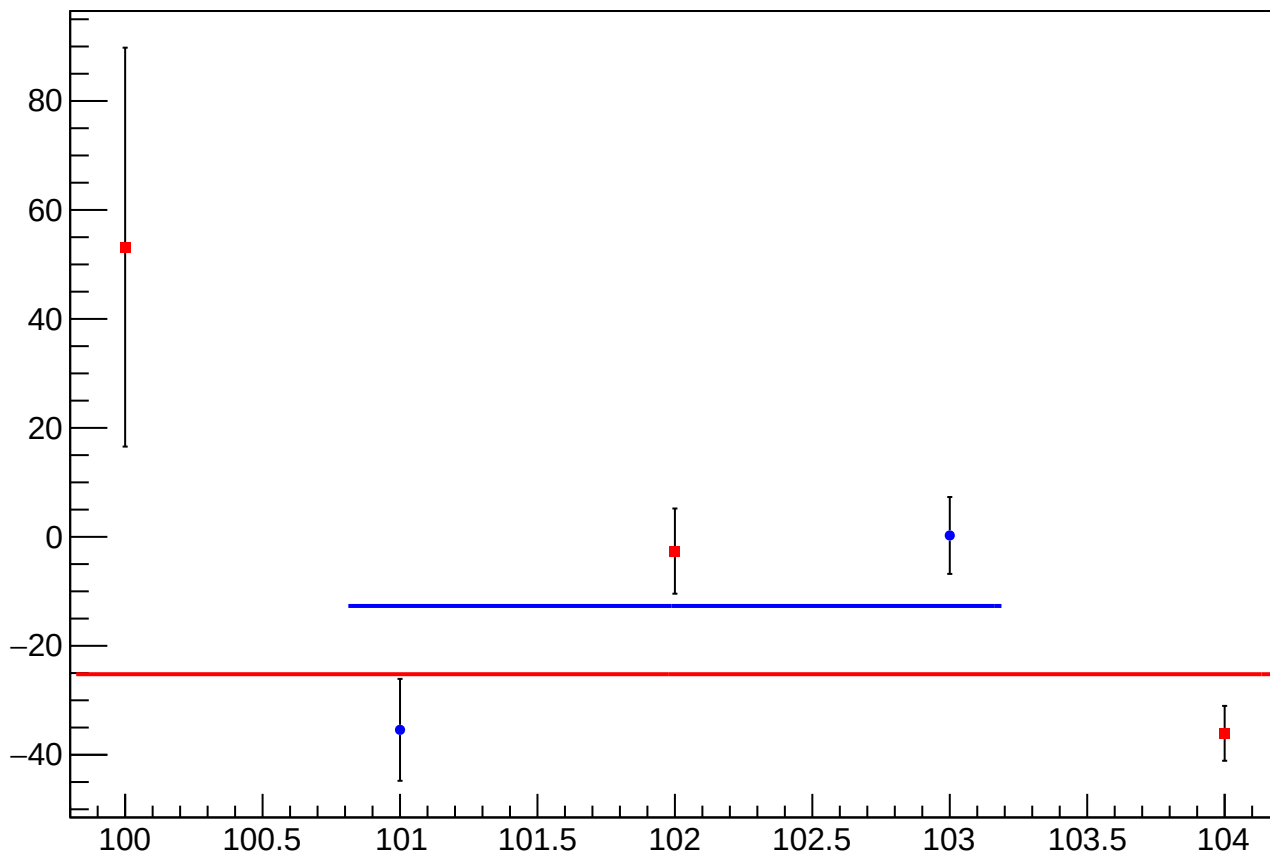
Right: -58.779 ± 2.341 $\chi^2/\text{NDF}: 334.9/4$

In: -73.723 ± 3.686 $\chi^2/\text{NDF}: 17.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -58.779 ± 2.341 $\chi^2/\text{NDF}: 334.9/4$

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: -25.208+/-4.205 χ^2/NDF : 17.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

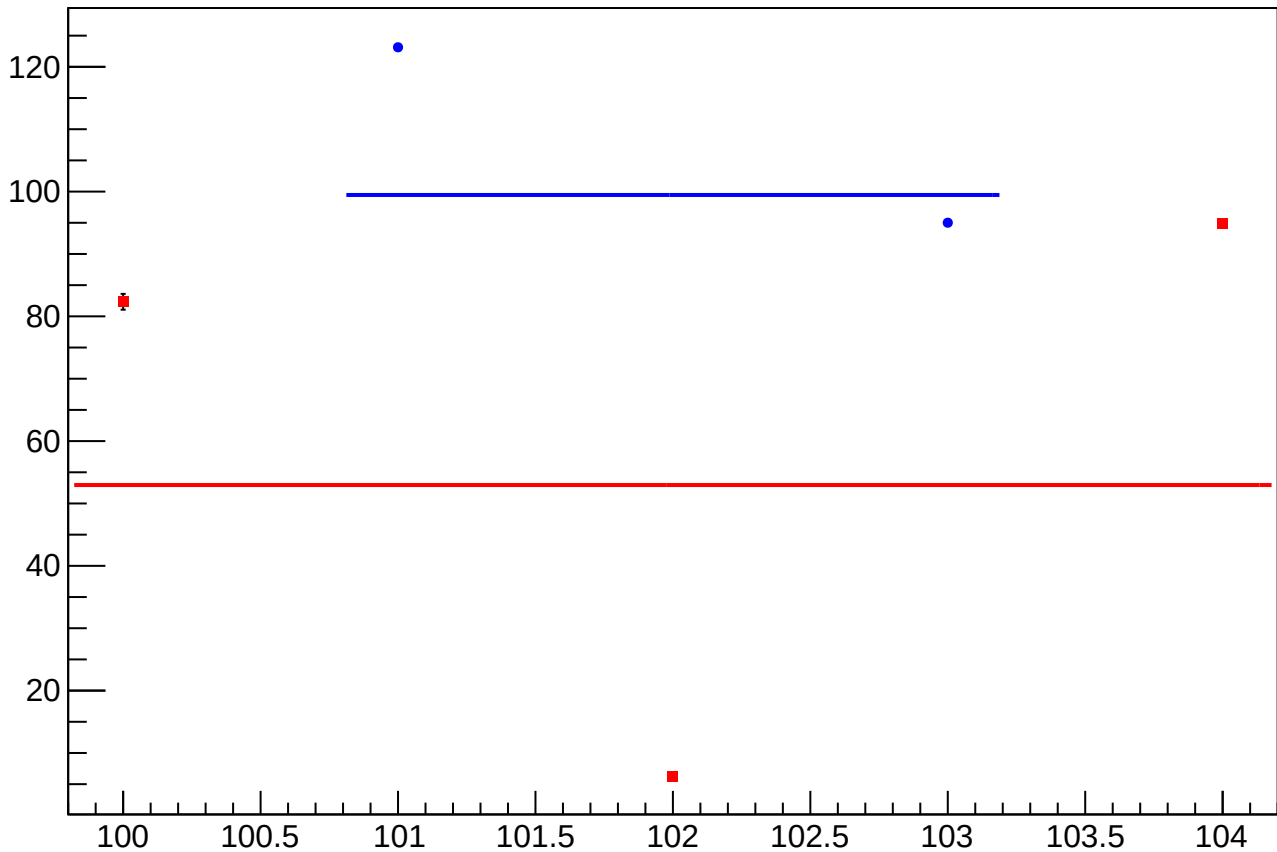
Right: -20.726+/-3.370 χ^2/NDF : 30.0/4

In: -12.683+/-5.633 χ^2/NDF : 9.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.726+/-3.370 χ^2/NDF : 30.0/4

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 99.458 $\pm$ 0.166 χ^2 /NDF: 3814.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.957 $\pm$ 0.139 χ^2 /NDF: 101122.3/2

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

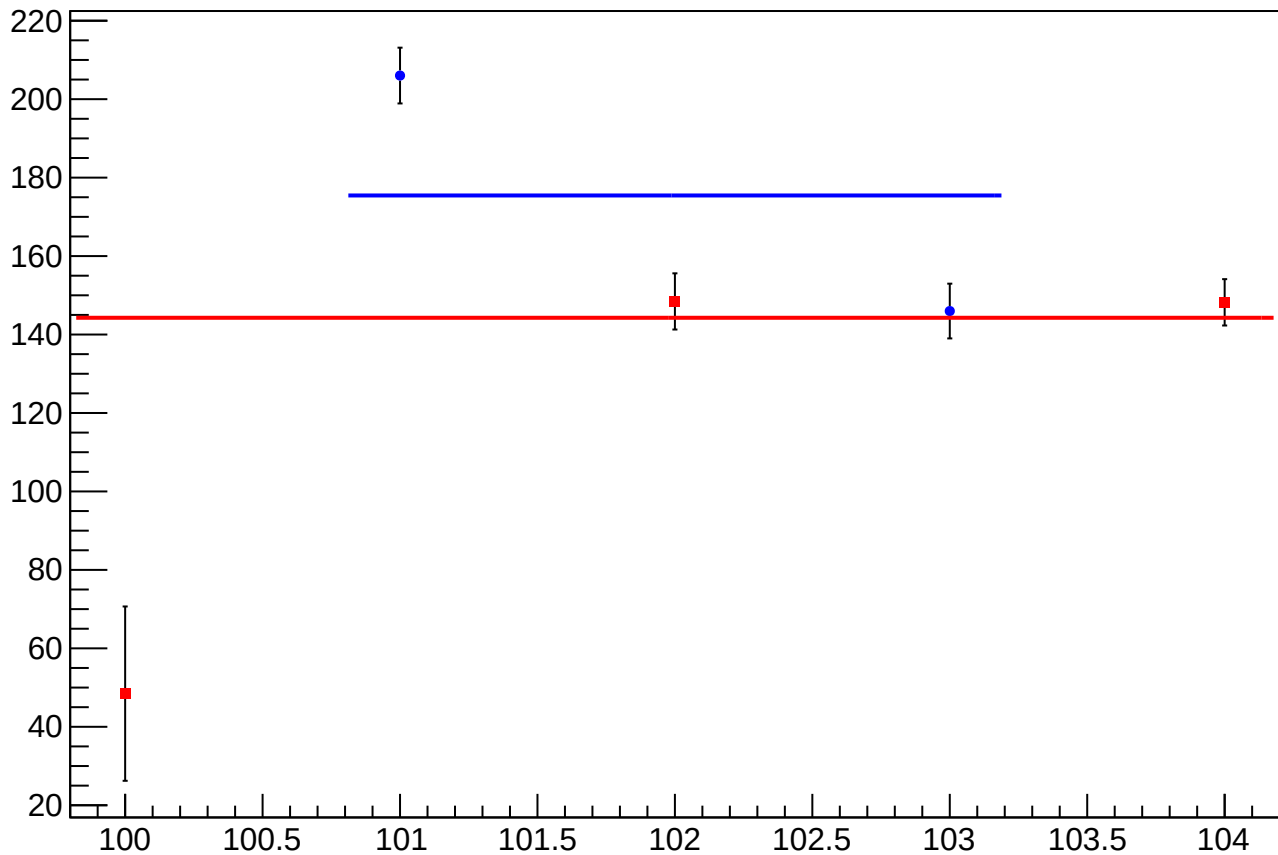
Right: 72.053 $\pm$ 0.106 χ^2 /NDF: 151103.1/4

In: 99.458 $\pm$ 0.166 χ^2 /NDF:3814.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.053 $\pm$ 0.106 χ^2 /NDF: 151103.1/4

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: 144.273 $\pm$ 4.465 χ^2 /NDF: 19.4/2

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

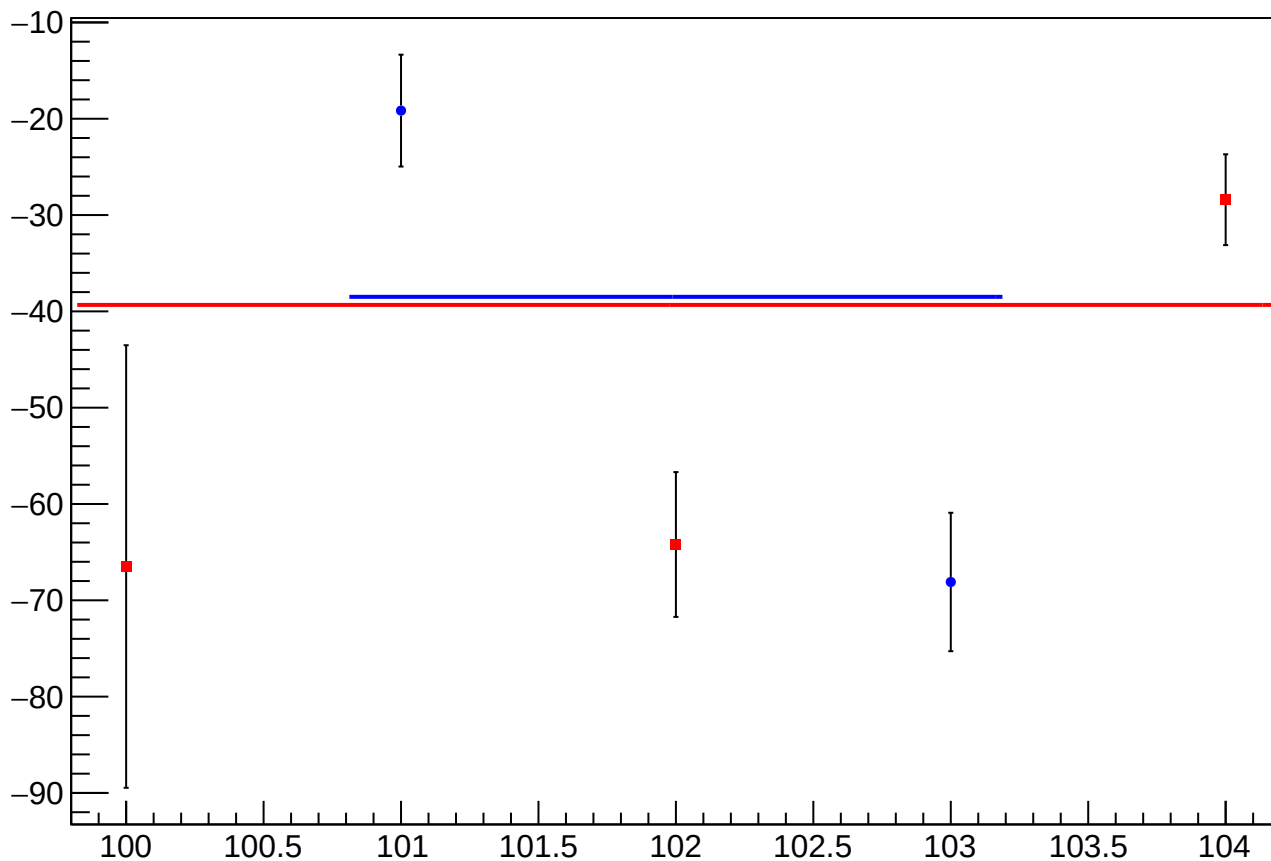
Right: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

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: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

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: -39.330 $\pm$ 3.935 χ^2 /NDF: 17.7/2

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

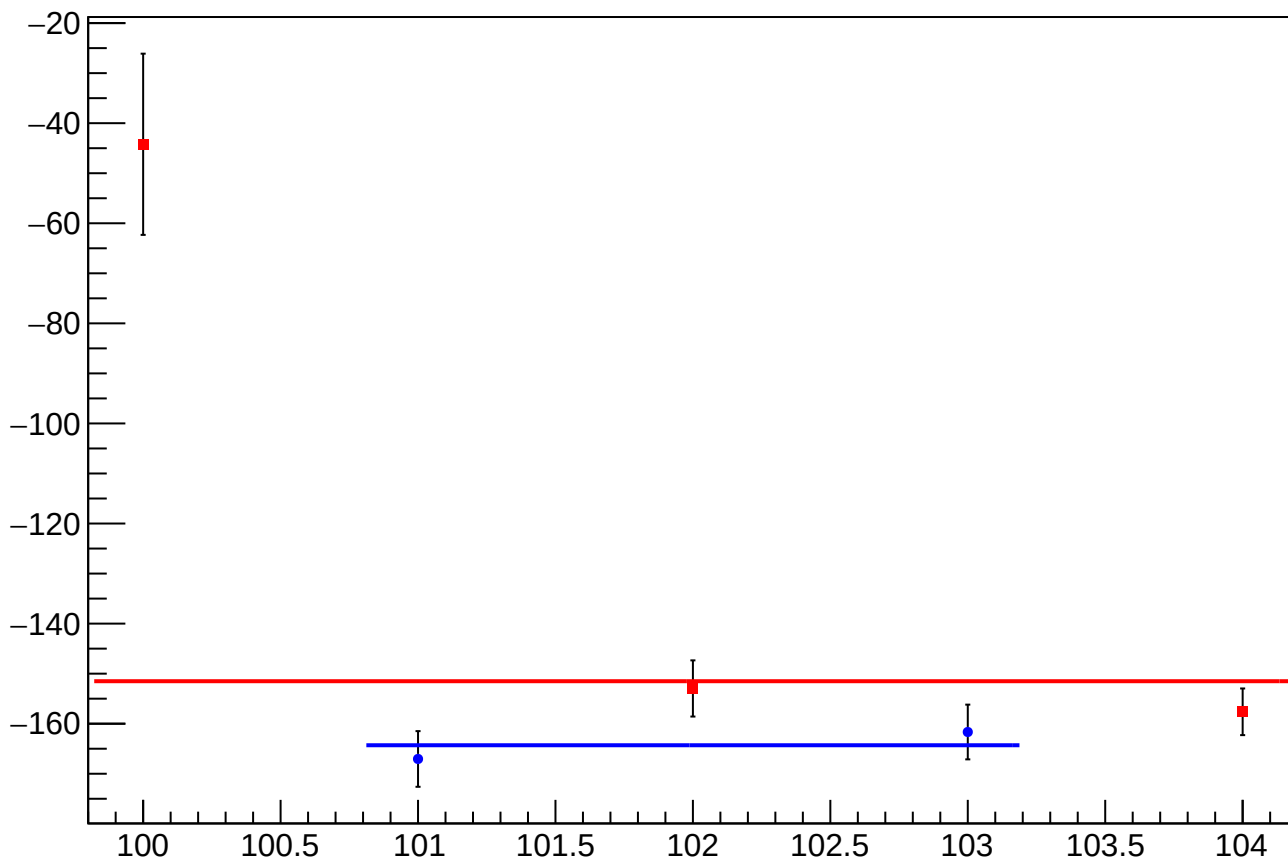
Right: -38.967 $\pm$ 2.967 χ^2 /NDF: 45.8/4

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: -38.967 $\pm$ 2.967 χ^2 /NDF: 45.8/4

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: -151.509+/-3.518 χ^2/NDF : 36.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

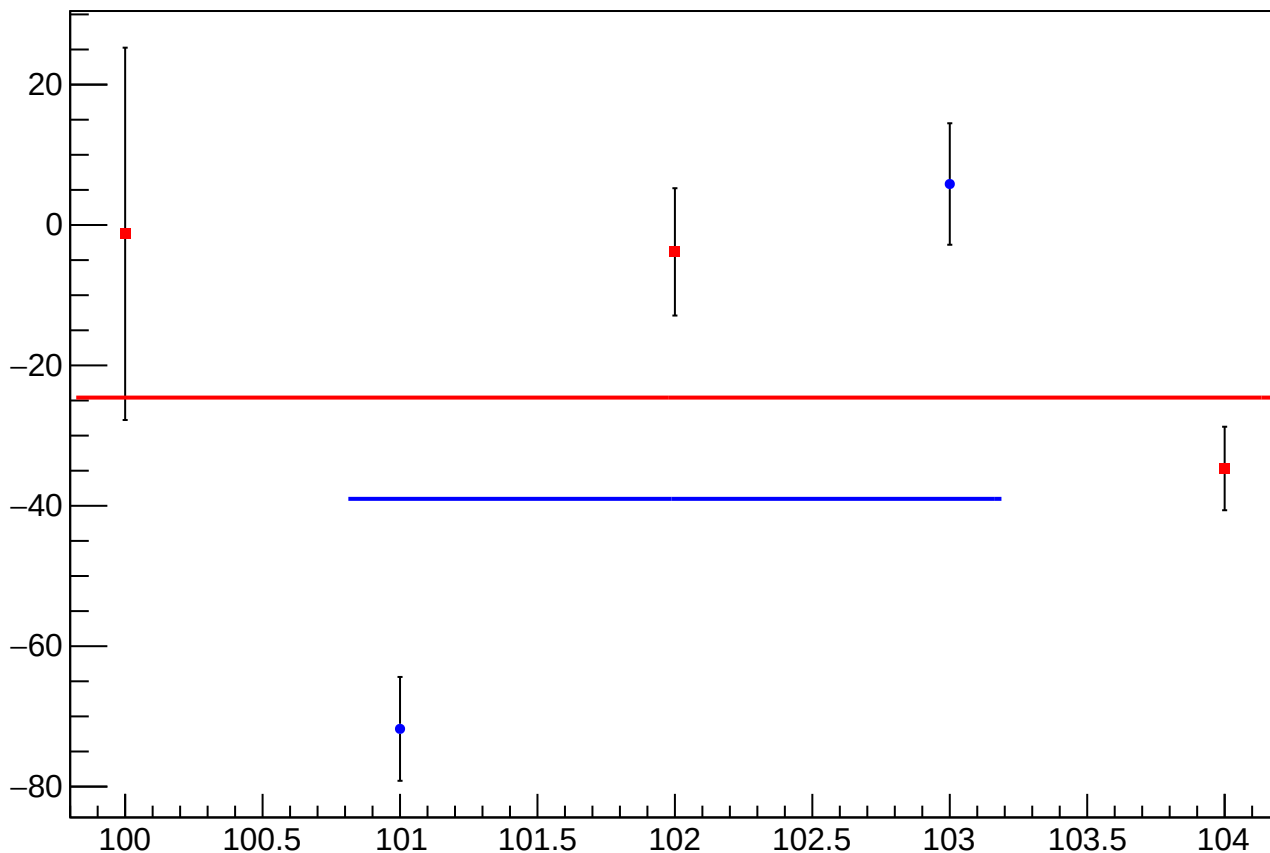
Right: -157.251+/-2.612 χ^2/NDF : 43.3/4

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.251+/-2.612 χ^2/NDF : 43.3/4

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: -24.584 $\pm$ 4.889 χ^2 /NDF: 8.9/2

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

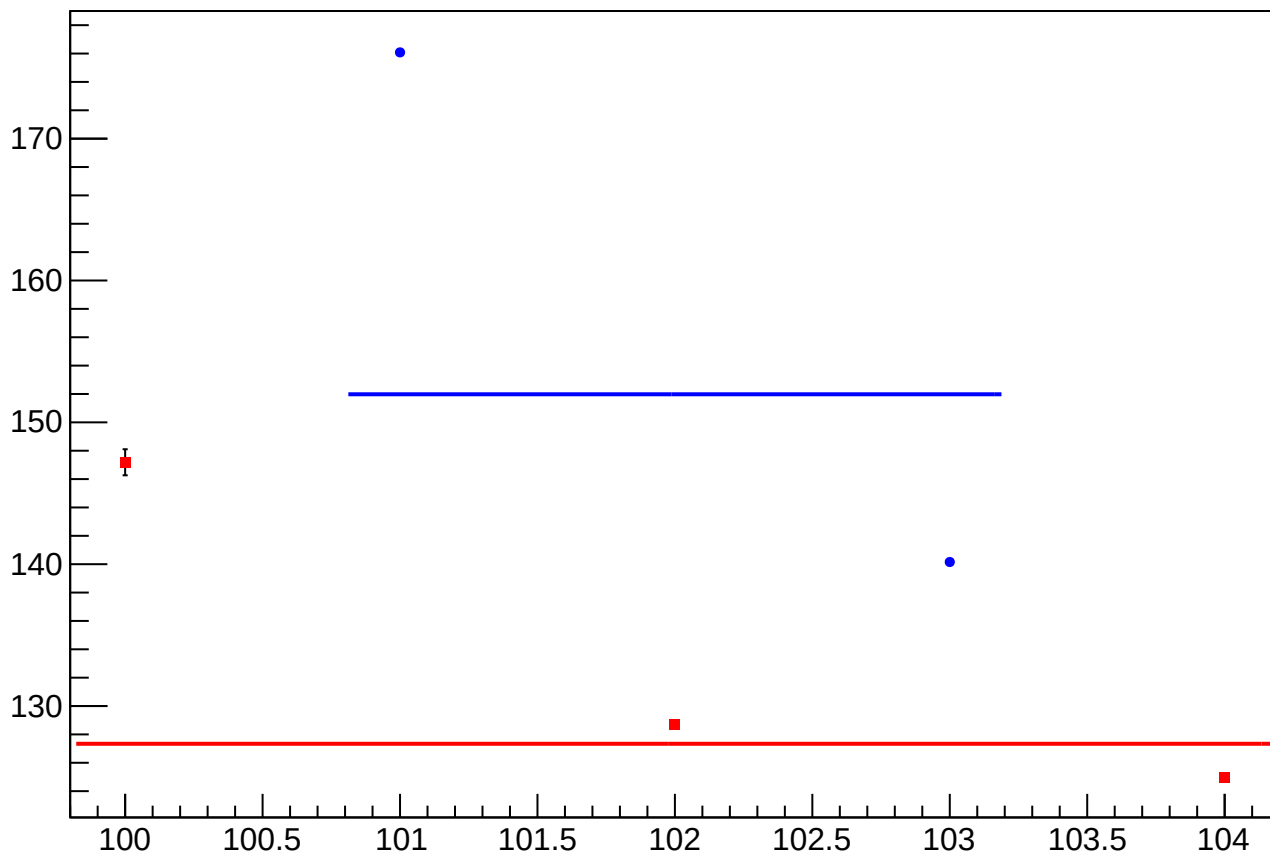
Right: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

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: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

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: 127.340 $\pm$ 0.163 χ^2 /NDF: 606.2/2

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

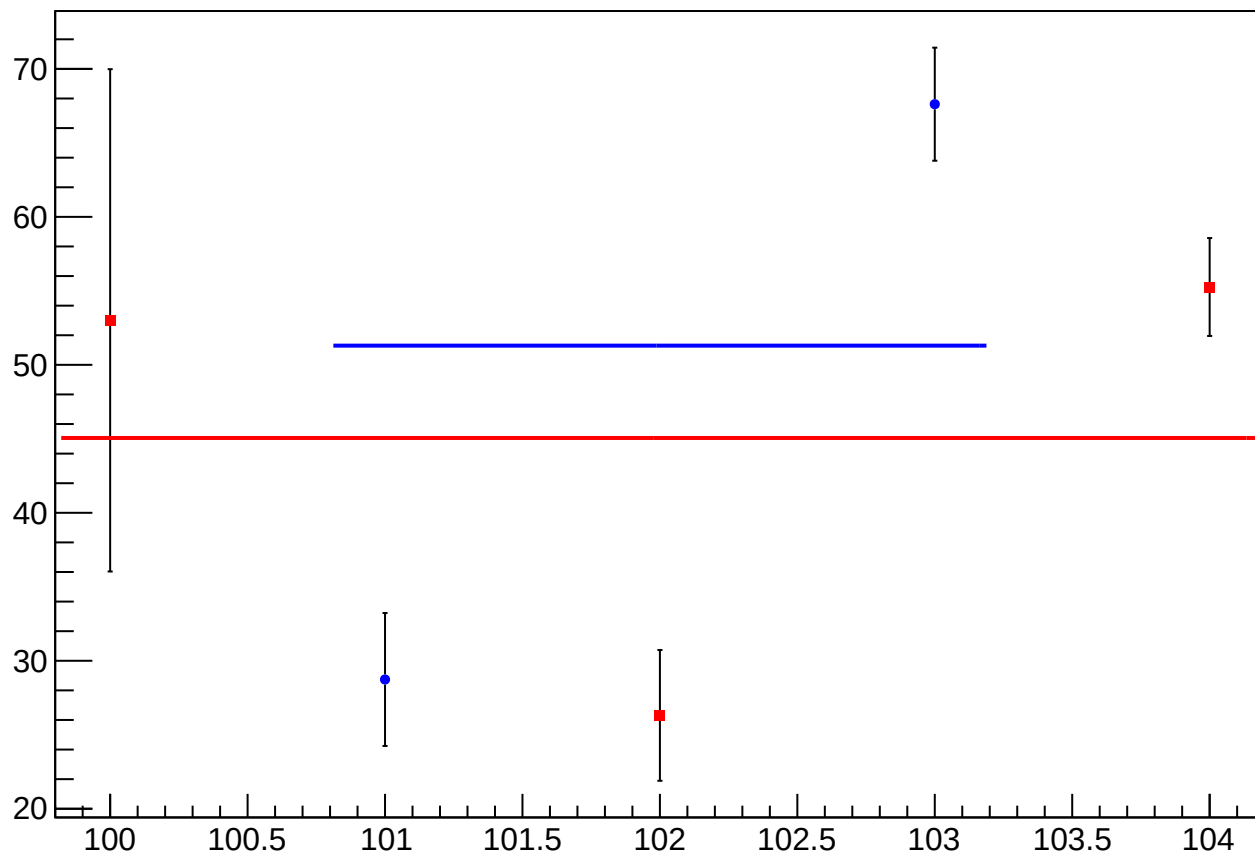
Right: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

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: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.058+/-2.617 χ^2/NDF : 27.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

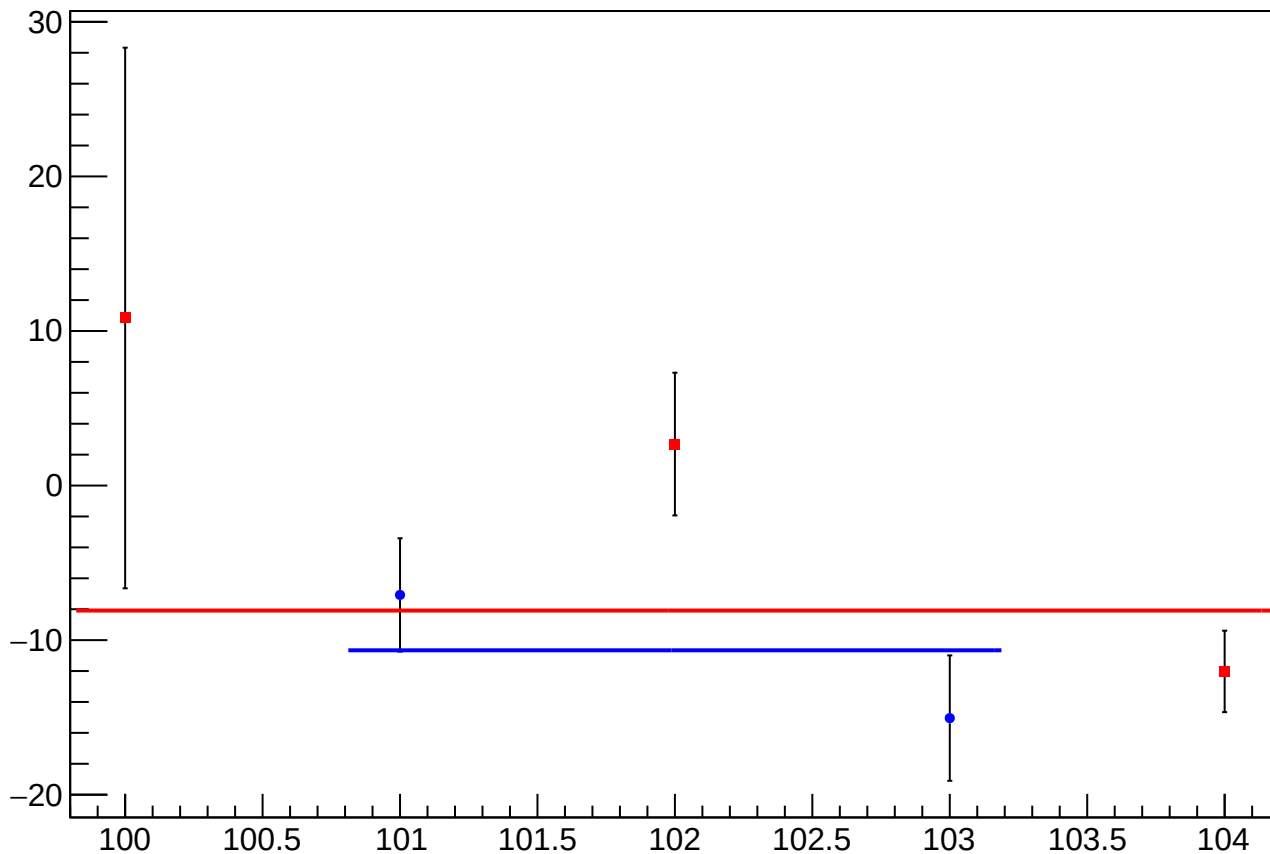
Right: 47.848+/-1.946 χ^2/NDF : 73.7/4

In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.848+/-1.946 χ^2/NDF : 73.7/4

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: -8.086 $\pm$ 2.269 χ^2 /NDF: 8.8/2

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

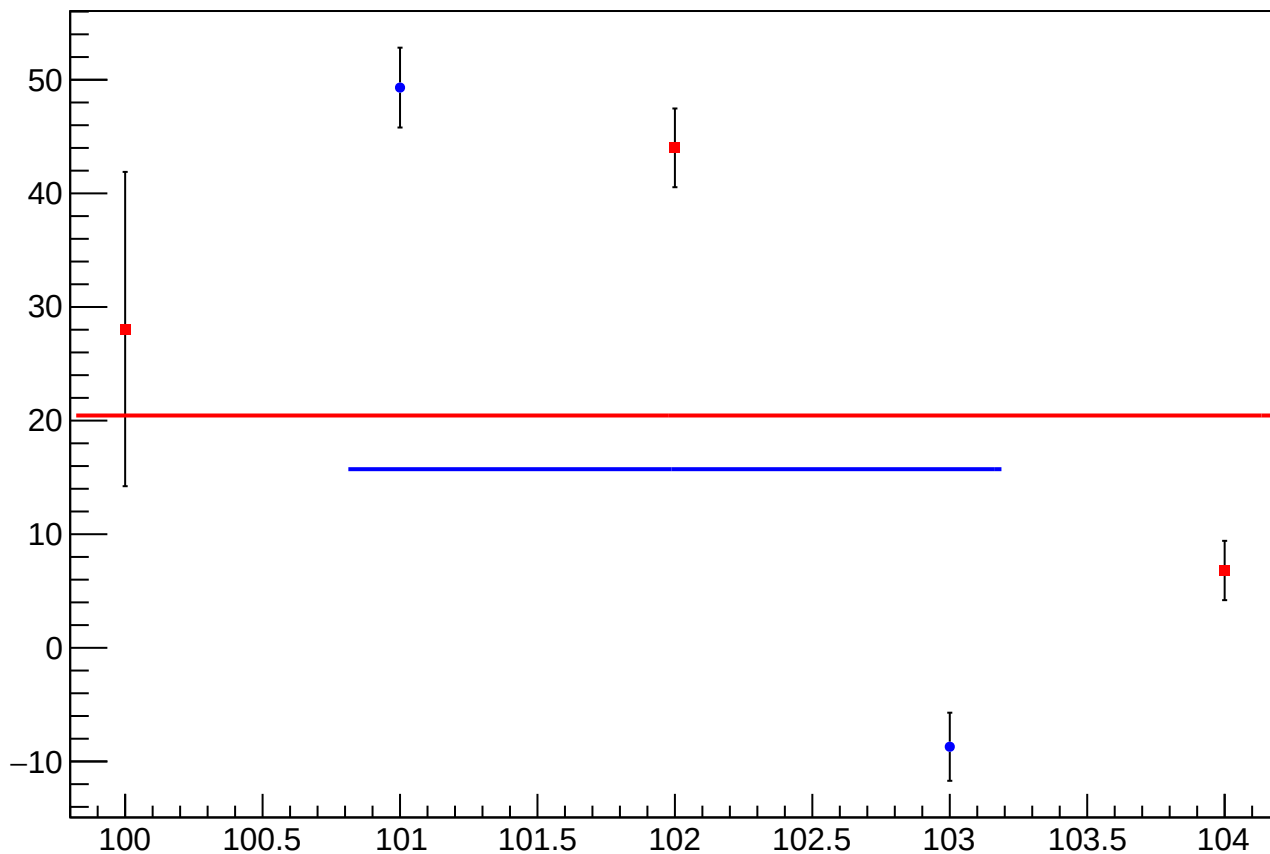
Right: -9.142 $\pm$ 1.742 χ^2 /NDF: 11.5/4

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: -9.142 $\pm$ 1.742 χ^2 /NDF: 11.5/4

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.449+/-2.061 χ^2/NDF : 73.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

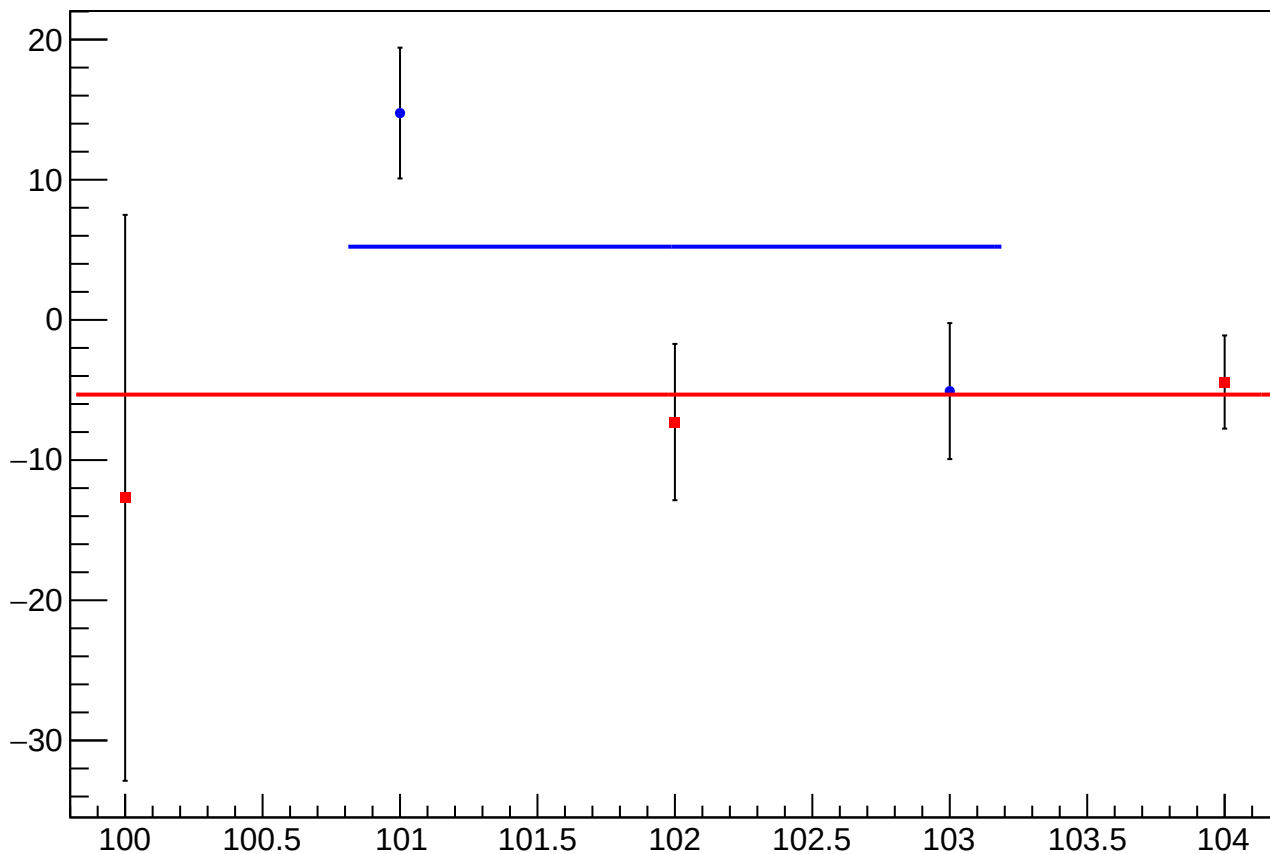
Right: 18.324+/-1.529 χ^2/NDF : 234.0/4

In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.324+/-1.529 χ^2/NDF : 234.0/4

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: -5.328+/-2.826 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

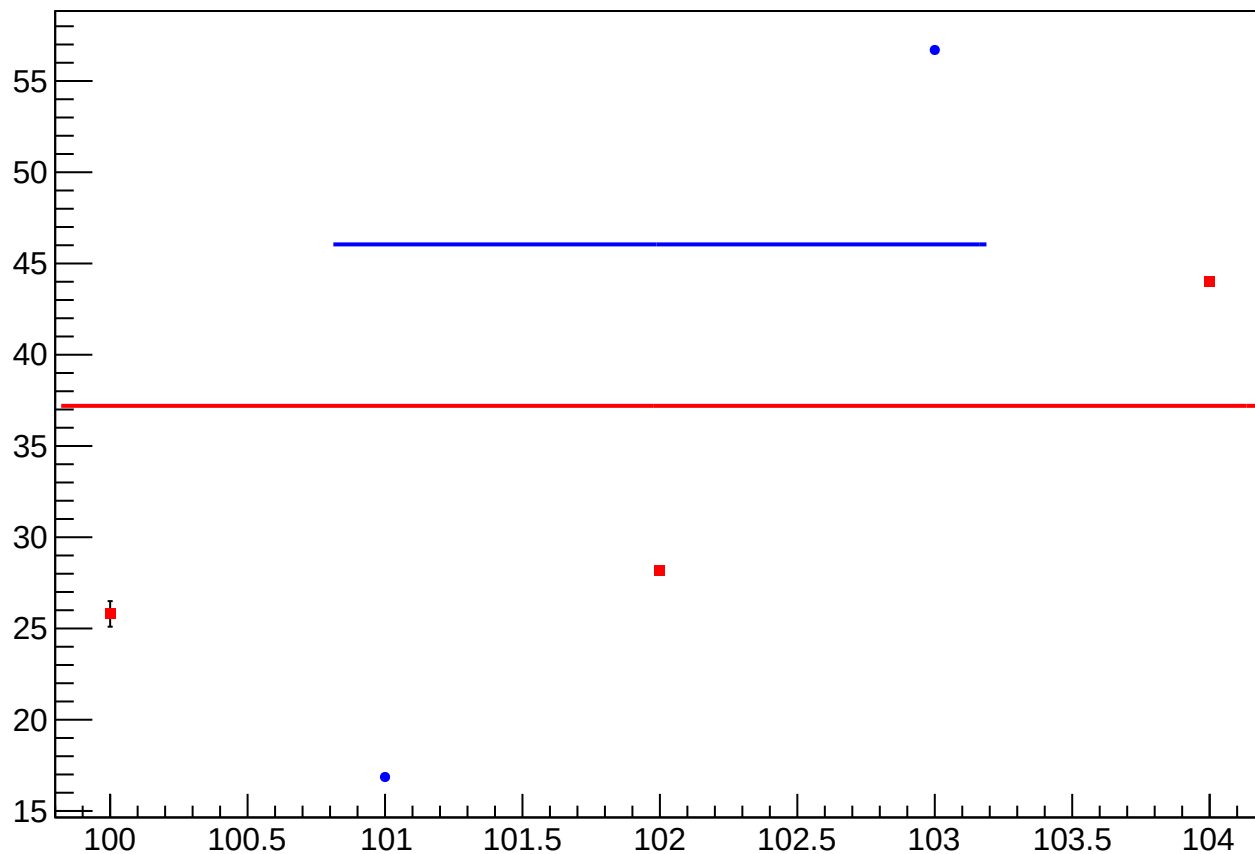
Right: -0.960+/-2.164 χ^2/NDF : 14.8/4

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.960+/-2.164 χ^2/NDF : 14.8/4

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046 $\pm$ 0.108 χ^2 /NDF: 26811.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.200 $\pm$ 0.096 χ^2 /NDF: 6799.6/2

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

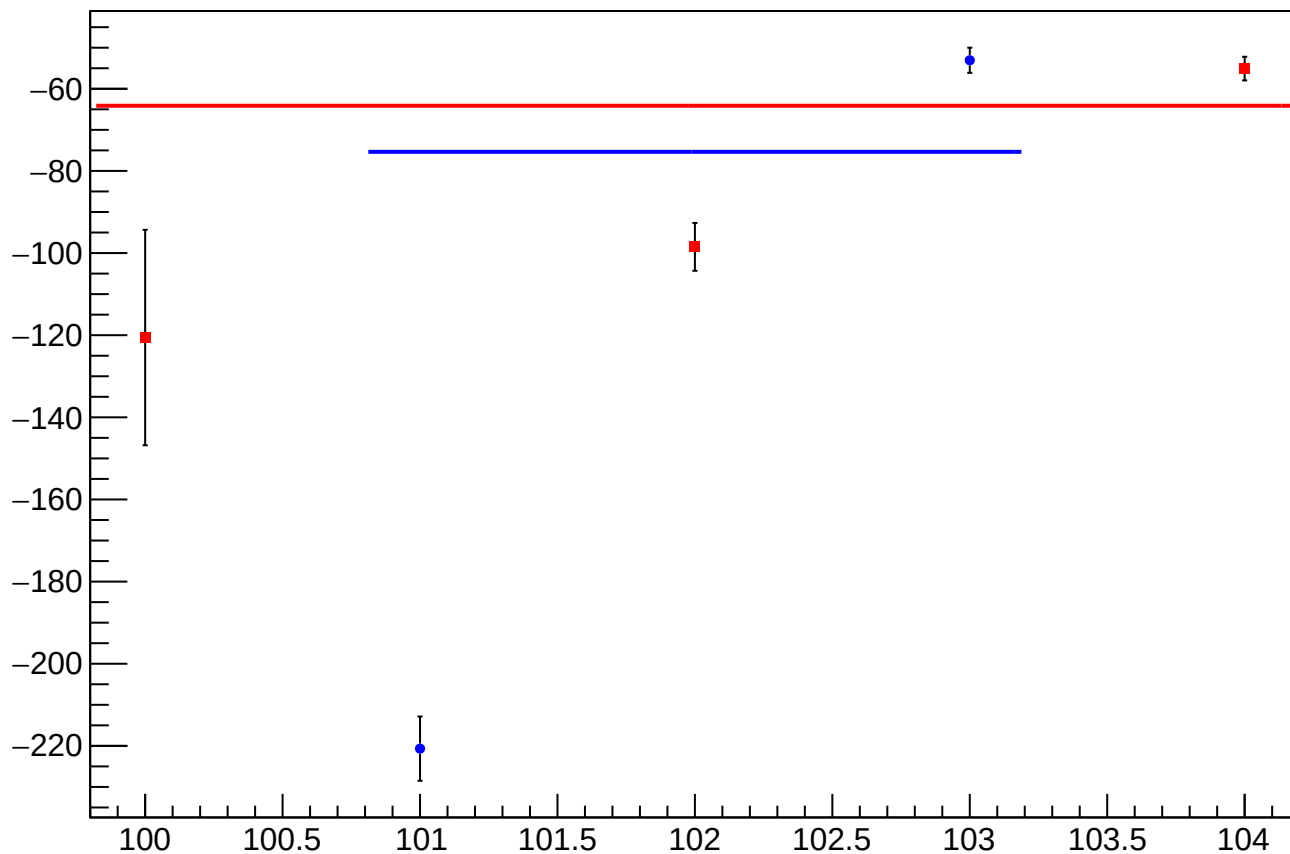
Right: 41.101 $\pm$ 0.072 χ^2 /NDF: 37382.8/4

In: 46.046 $\pm$ 0.108 χ^2 /NDF: 26811.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.101 $\pm$ 0.072 χ^2 /NDF: 37382.8/4

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: -64.130+/-2.566 χ^2/NDF : 49.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

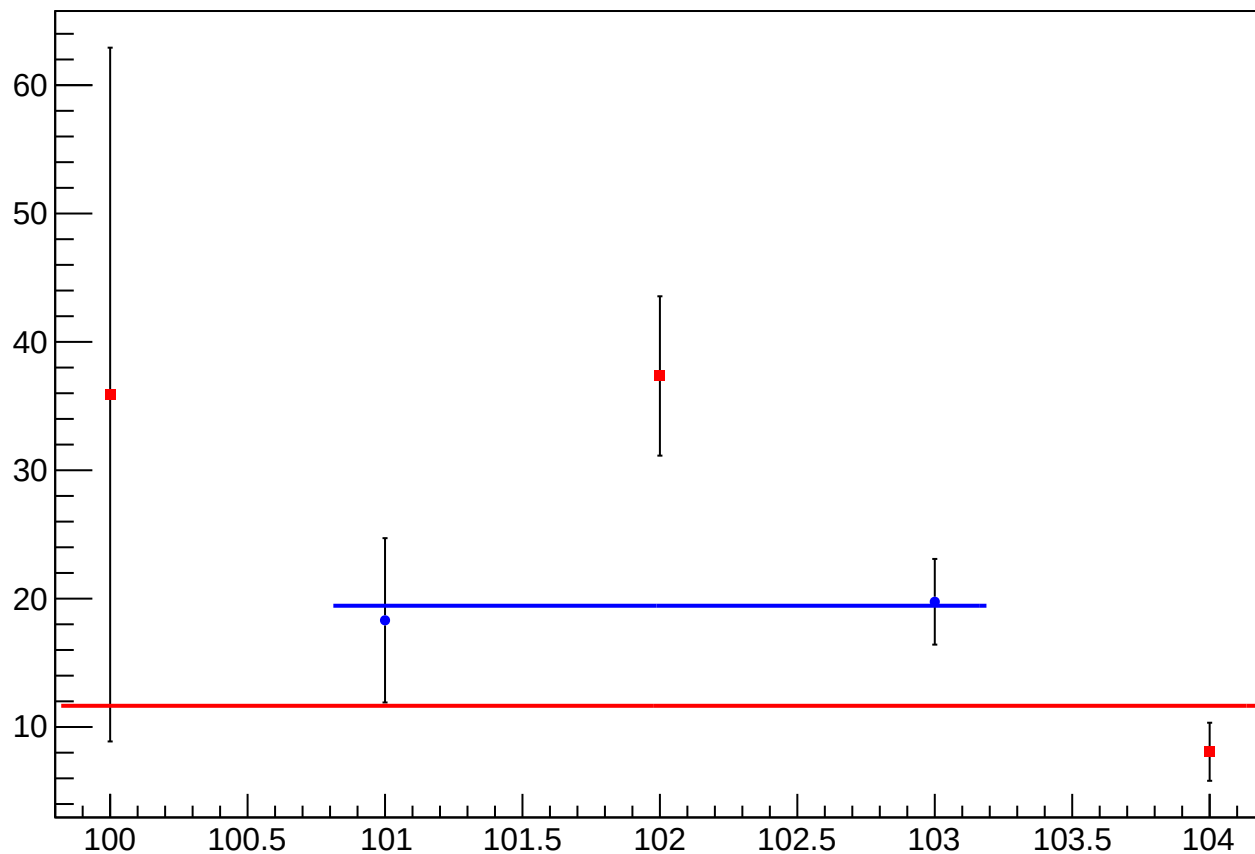
Right: -69.143+/-1.909 χ^2/NDF : 455.1/4

In: -75.351+/-2.856 χ^2/NDF : 397.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.143+/-1.909 χ^2/NDF : 455.1/4

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.446 $\pm$ 2.959 χ^2 /NDF: 0.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.652 $\pm$ 2.118 χ^2 /NDF: 20.4/2

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

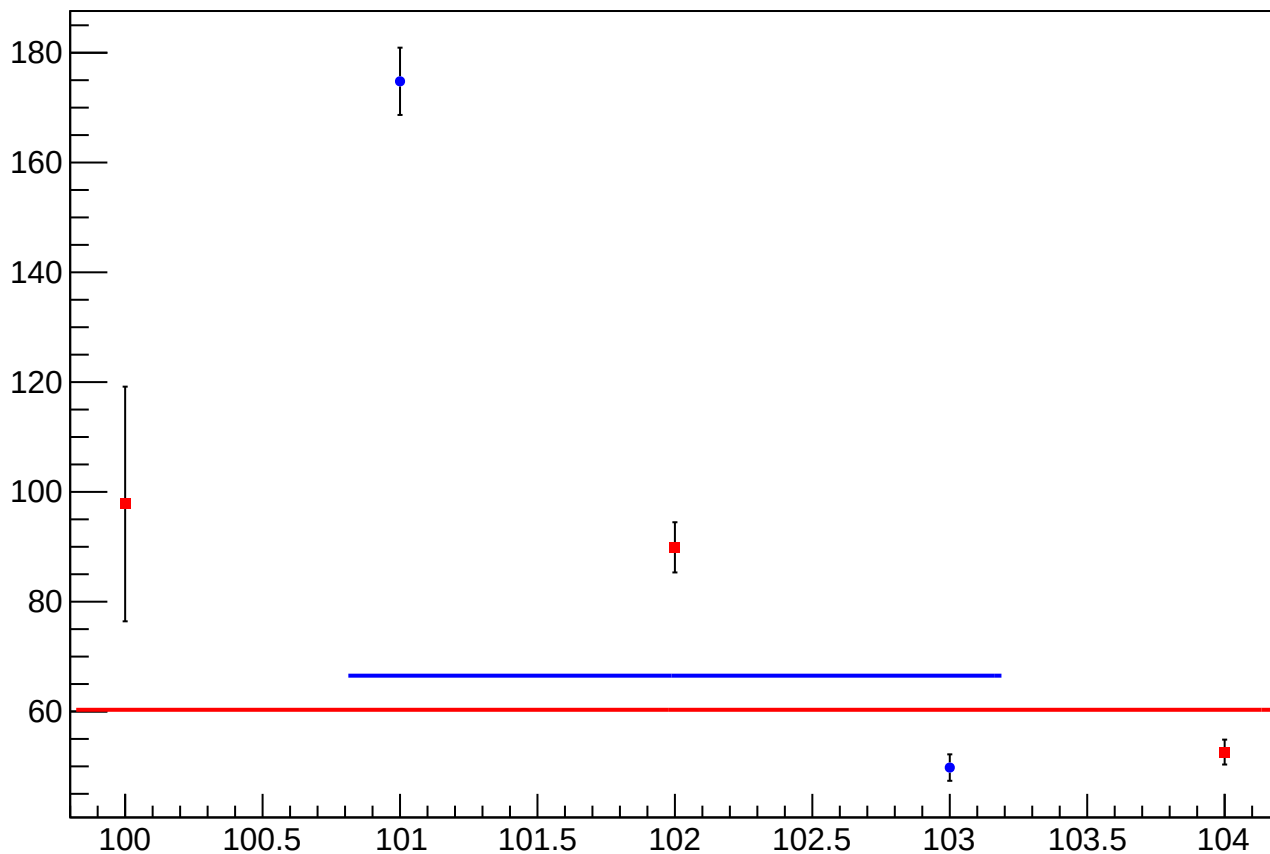
Right: 14.293 $\pm$ 1.723 χ^2 /NDF: 25.1/4

In: 19.446 $\pm$ 2.959 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.293 $\pm$ 1.723 χ^2 /NDF: 25.1/4

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: 60.307+/-2.023 χ^2/NDF : 56.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

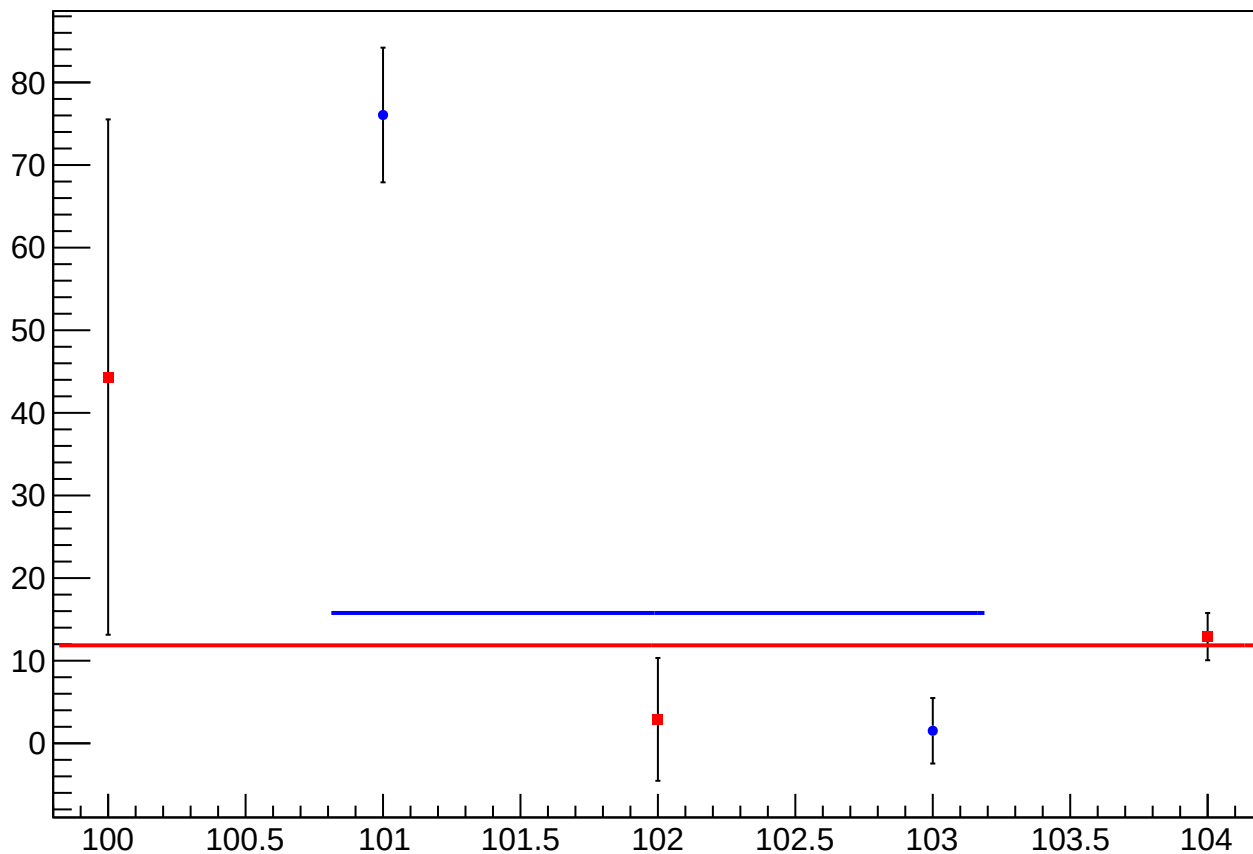
Right: 63.095+/-1.502 χ^2/NDF : 421.2/4

In: 66.523+/-2.242 χ^2/NDF : 360.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.095+/-1.502 χ^2/NDF : 421.2/4

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: 11.861+/-2.661 χ^2/NDF : 2.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

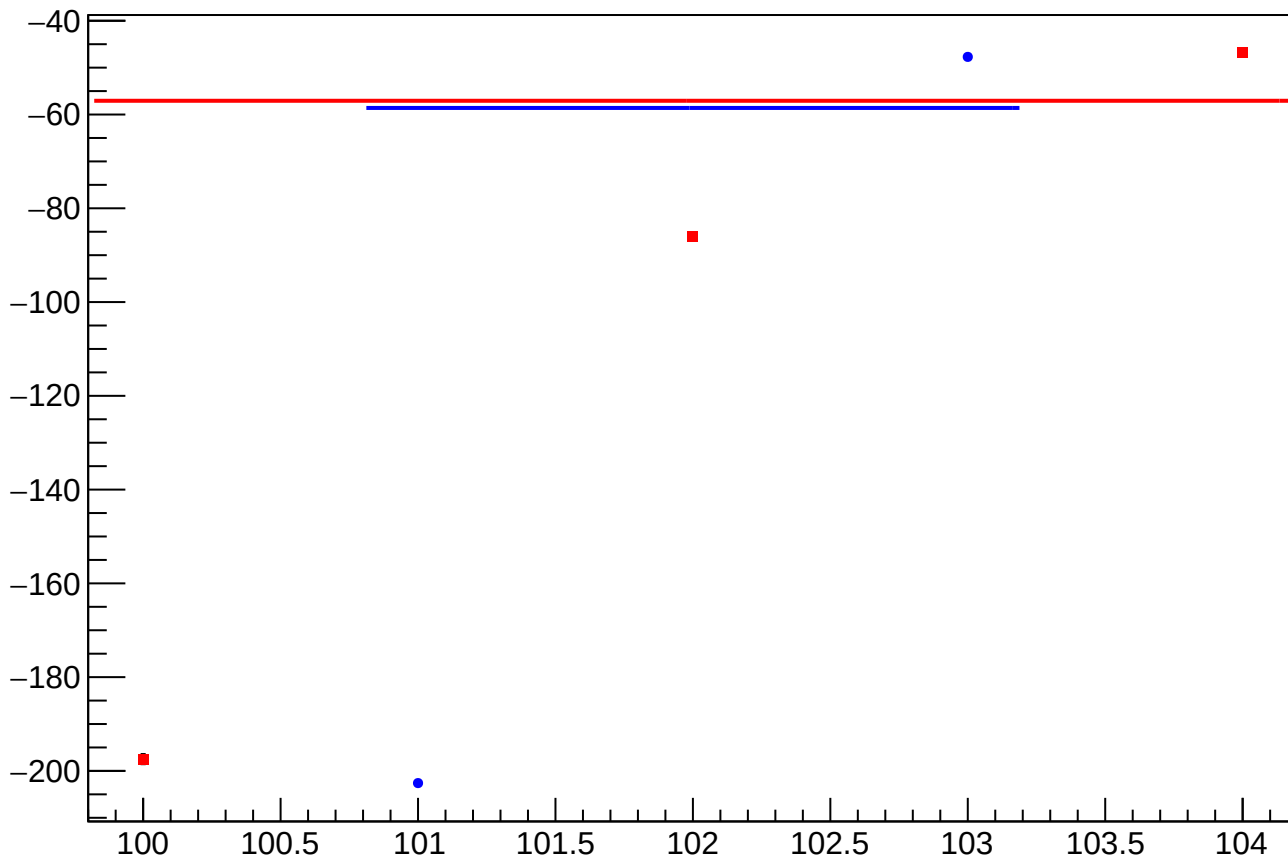
Right: 13.263+/-2.132 χ^2/NDF : 71.1/4

In: 15.779+/-3.565 χ^2/NDF : 67.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.263+/-2.132 χ^2/NDF : 71.1/4

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: -57.066+/-0.094 χ^2/NDF : 47985.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

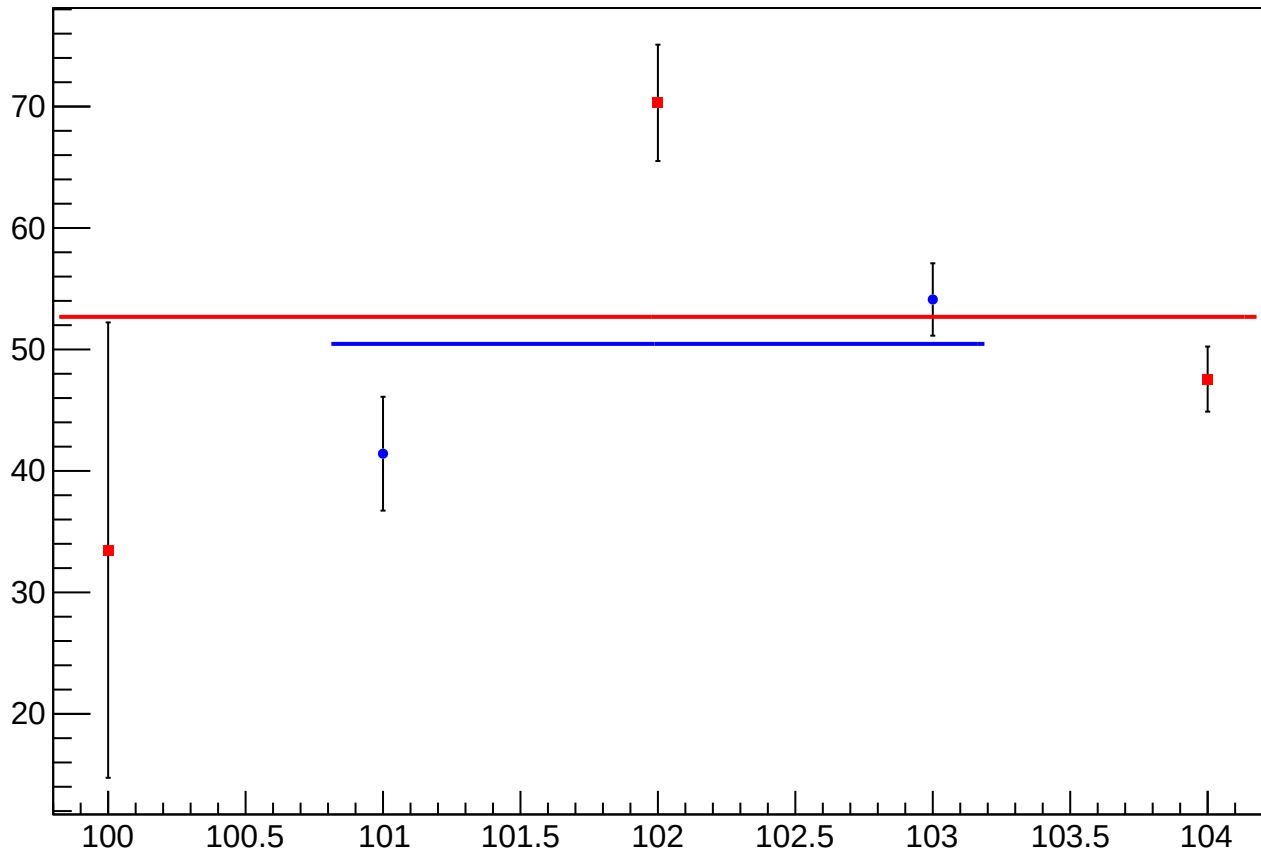
Right: -57.811+/-0.068 χ^2/NDF : 215680.5/4

In: -58.595+/-0.097 χ^2/NDF : 167566.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.811+/-0.068 χ^2/NDF : 215680.5/4

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: 52.685+/-2.321 χ^2/NDF : 18.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

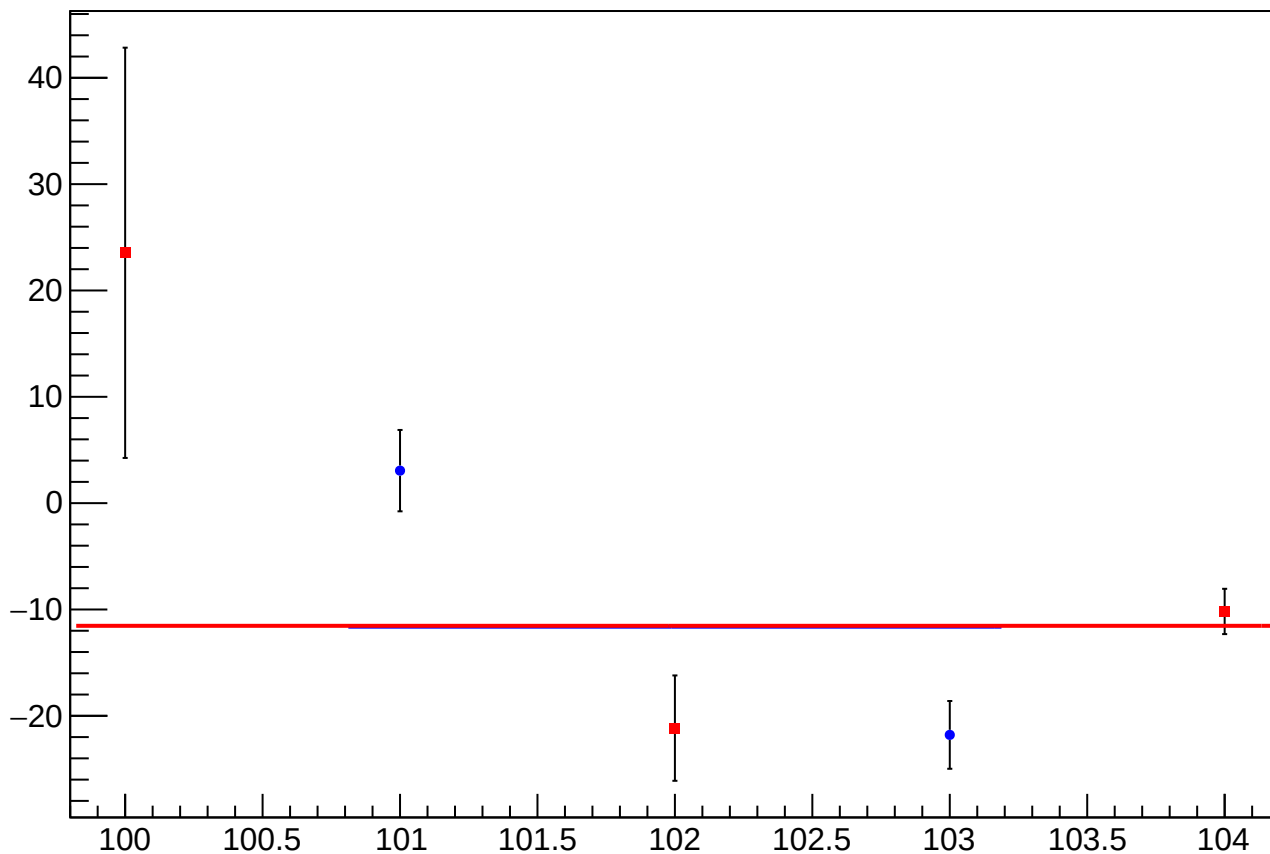
Right: 51.661+/-1.705 χ^2/NDF : 23.9/4

In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.661+/-1.705 χ^2/NDF : 23.9/4

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: -11.536 $\pm$ 1.947 χ^2 /NDF: 7.5/2

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

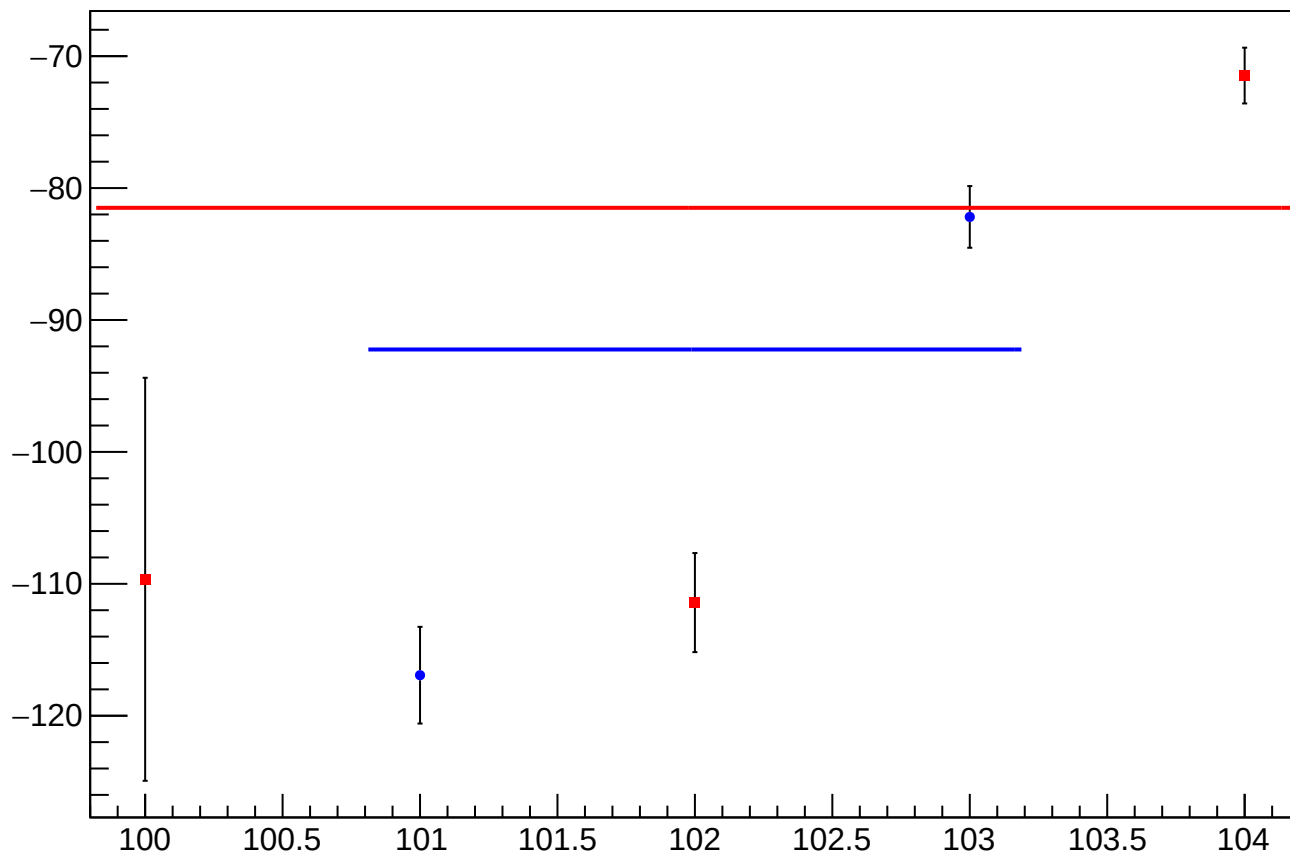
Right: -11.566 $\pm$ 1.524 χ^2 /NDF: 32.4/4

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: -11.566 $\pm$ 1.524 χ^2 /NDF: 32.4/4

reg_asym_atl_avg_atr_avg_dd_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: -81.497 $\pm$ 1.829 χ^2 /NDF: 89.4/2

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

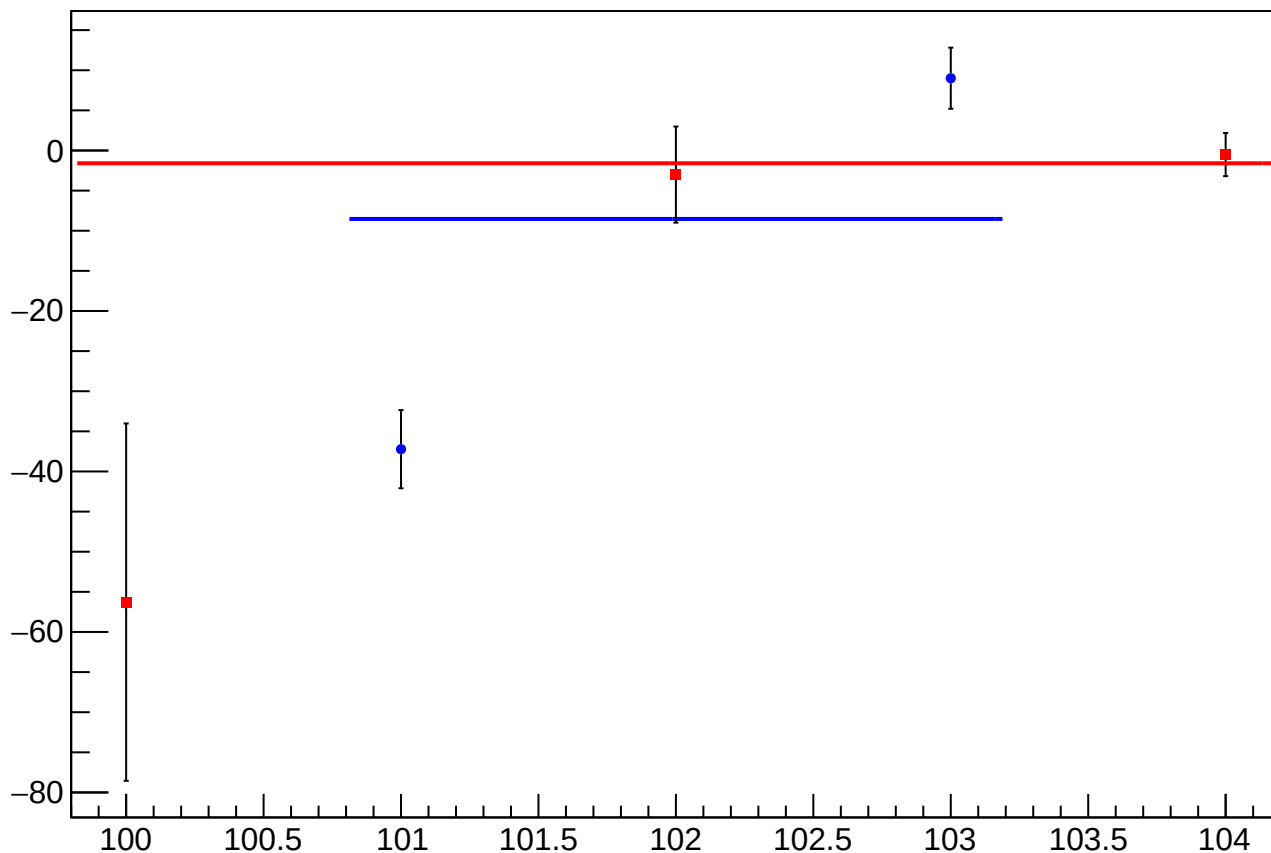
Right: -86.465 $\pm$ 1.341 χ^2 /NDF: 169.2/4

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: -86.465 $\pm$ 1.341 χ^2 /NDF: 169.2/4

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: -1.592 ± 2.436 χ^2/NDF : 6.2/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

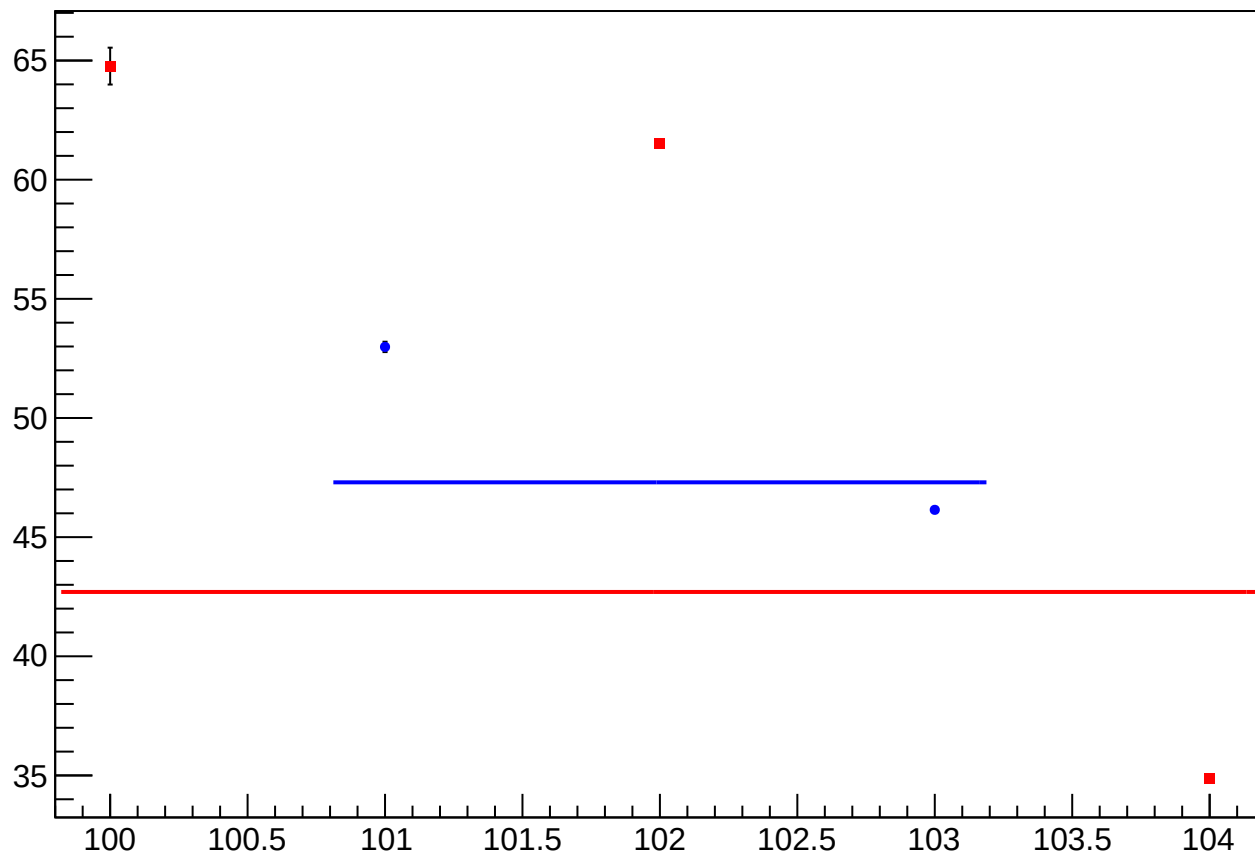
Right: -4.351 ± 1.891 χ^2/NDF : 65.4/4

In: -8.530 ± 2.998 χ^2/NDF : 56.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.351 ± 1.891 χ^2/NDF : 65.4/4

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: 42.700+/-0.086 χ^2/NDF : 20185.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

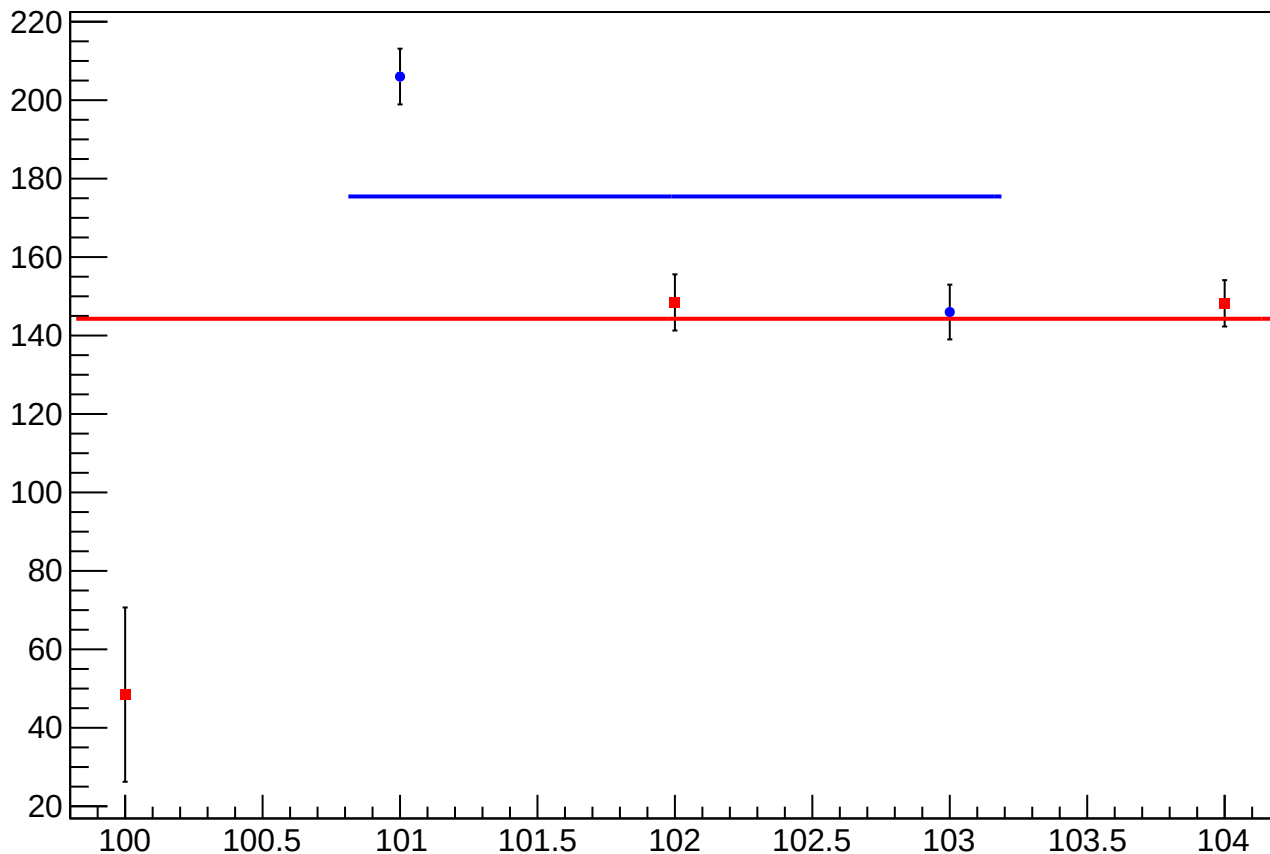
Right: 44.907+/-0.062 χ^2/NDF : 22388.0/4

In: 47.300+/-0.089 χ^2/NDF : 822.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.907+/-0.062 χ^2/NDF : 22388.0/4

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: 144.273 $\pm$ 4.465 χ^2 /NDF: 19.4/2

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

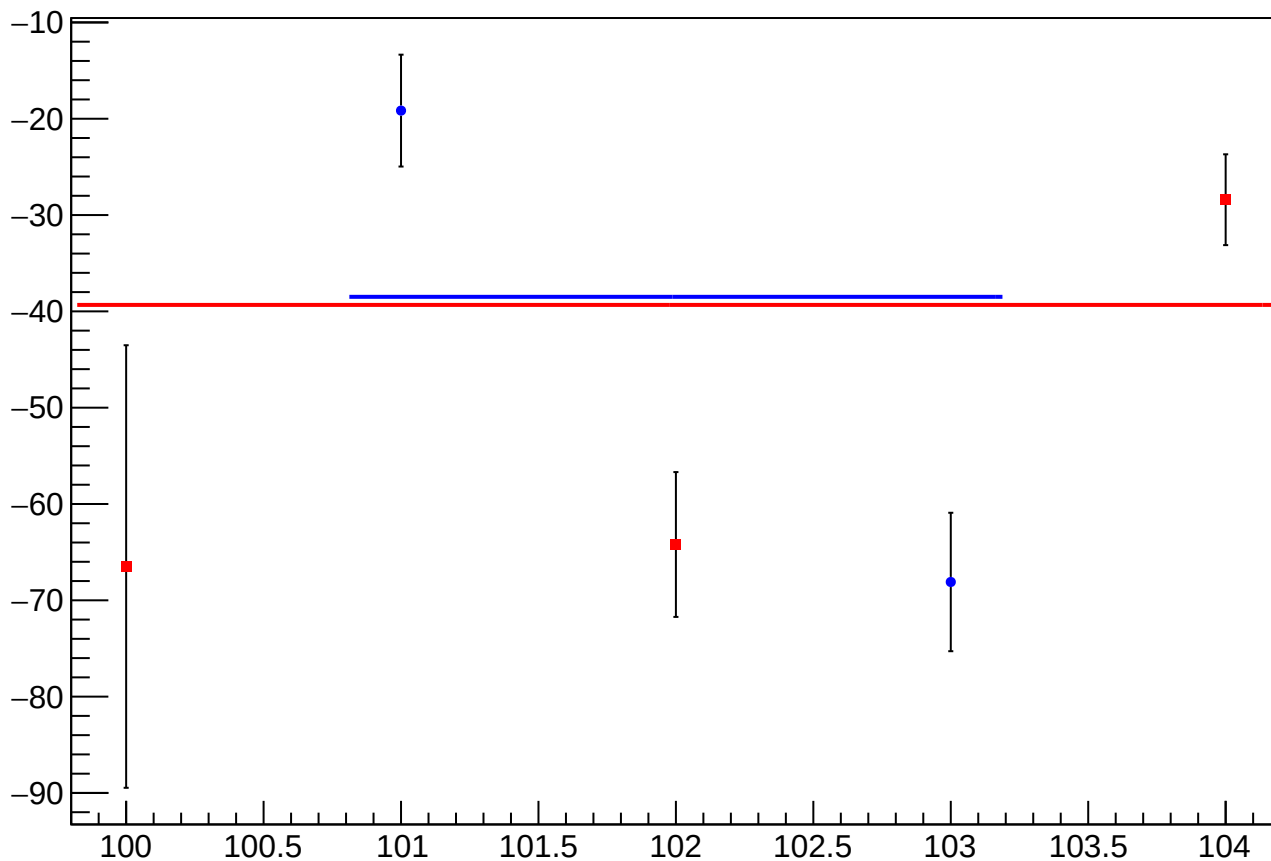
Right: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

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: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490+/-4.517 χ^2/NDF : 28.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.330+/-3.935 χ^2/NDF : 17.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

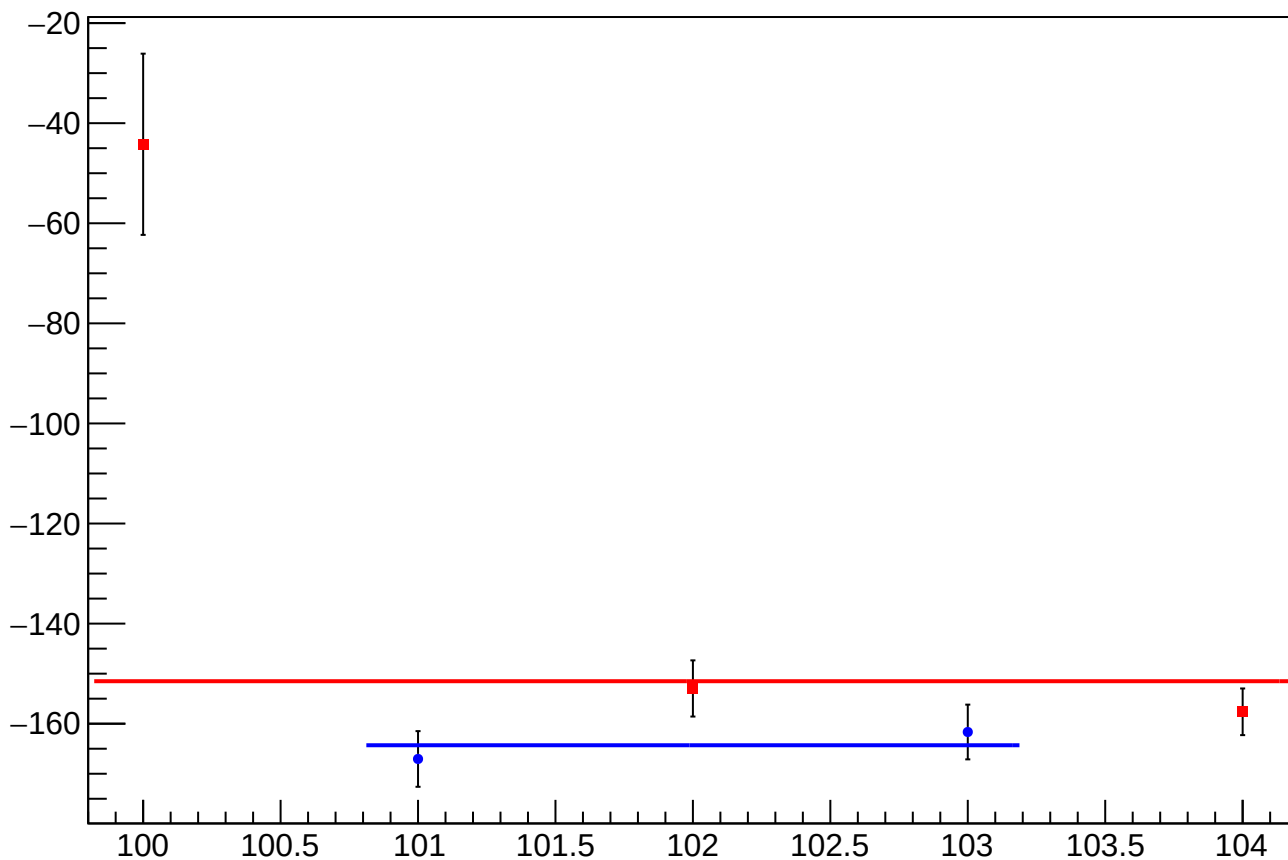
Right: -38.967+/-2.967 χ^2/NDF : 45.8/4

In: -38.490+/-4.517 χ^2/NDF : 28.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.967+/-2.967 χ^2/NDF : 45.8/4

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: -151.509+/-3.518 χ^2/NDF : 36.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

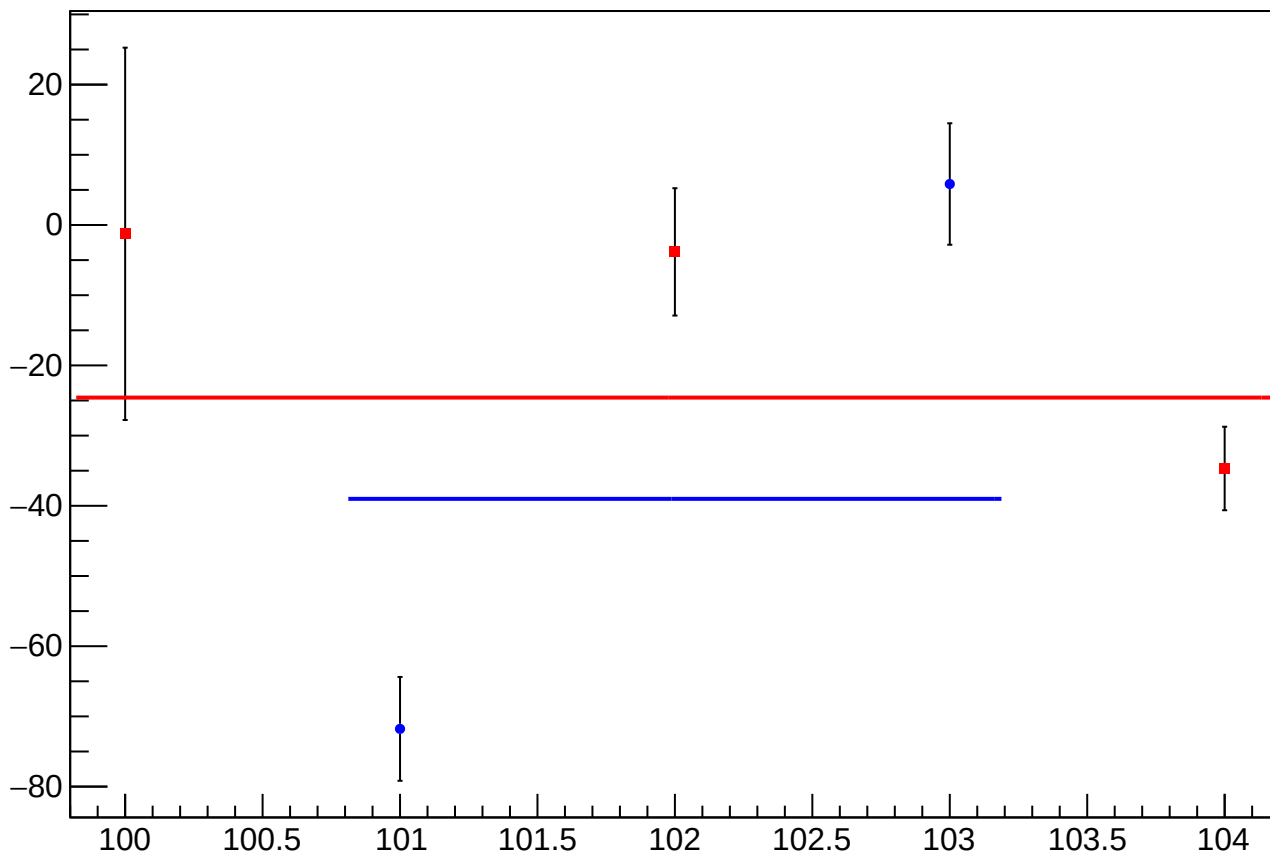
Right: -157.251+/-2.612 χ^2/NDF : 43.3/4

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.251+/-2.612 χ^2/NDF : 43.3/4

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: -24.584 $\pm$ 4.889 χ^2 /NDF: 8.9/2

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

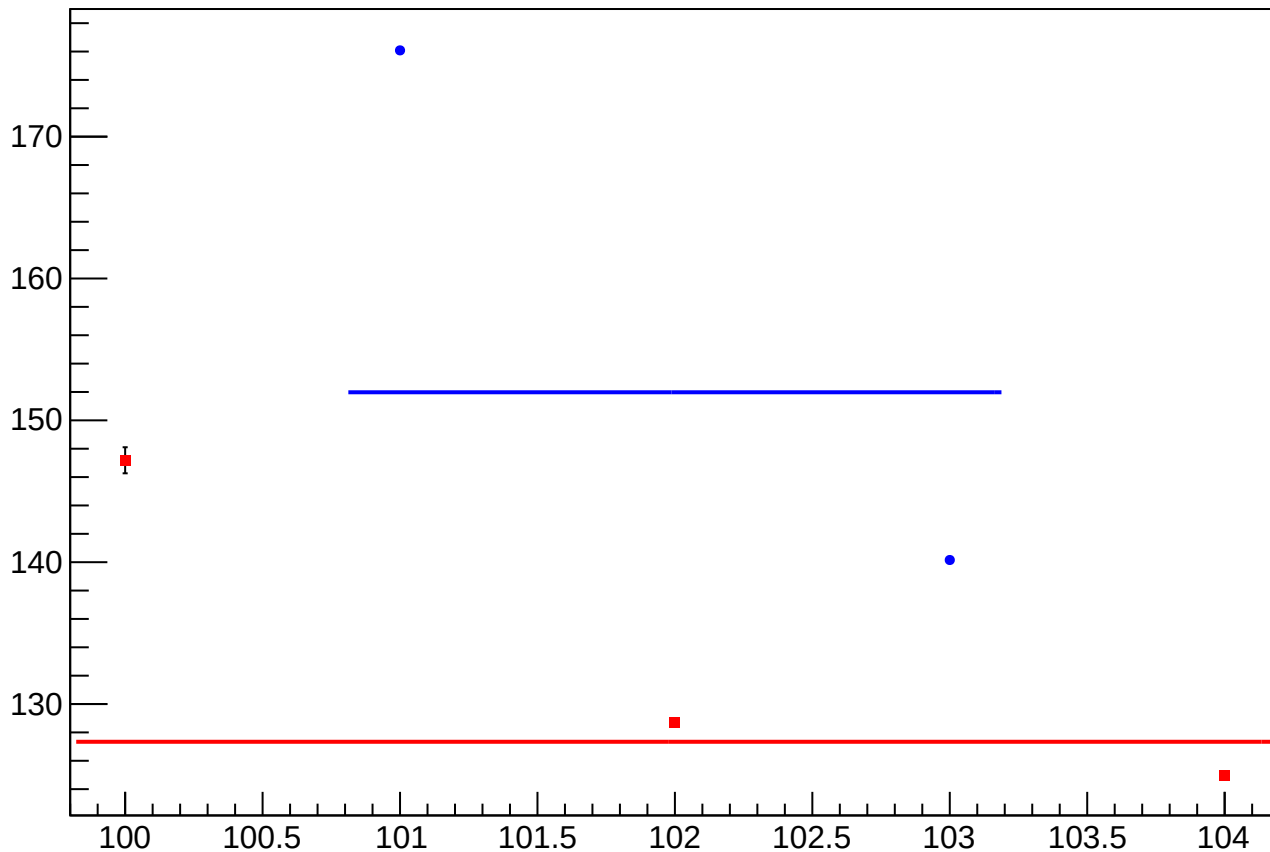
Right: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

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: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

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: 127.340 $\pm$ 0.163 χ^2 /NDF: 606.2/2

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

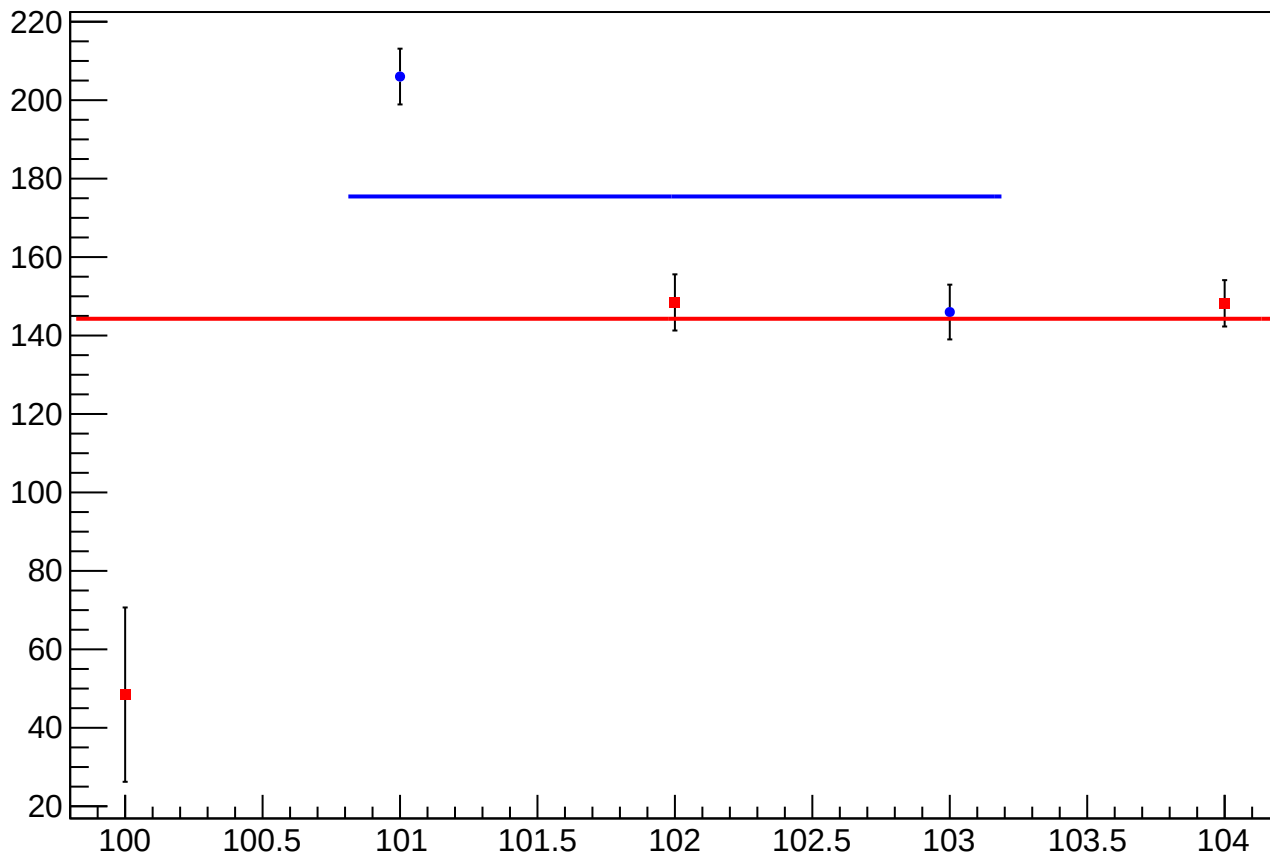
Right: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

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: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

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: 144.273 $\pm$ 4.465 χ^2 /NDF: 19.4/2

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

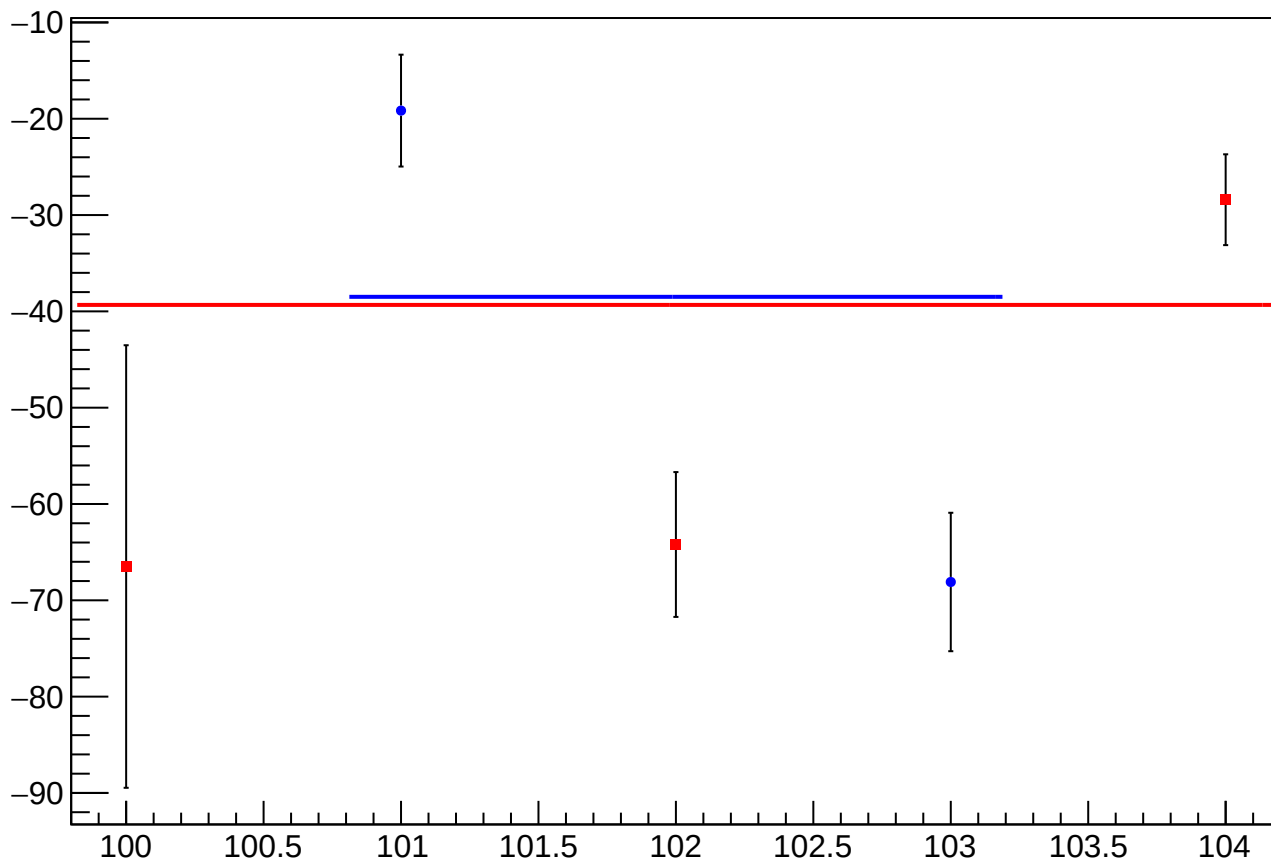
Right: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

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: 158.165 $\pm$ 3.324 χ^2 /NDF: 77.4/4

reg_asym_atl1r2_dd_atl2r1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.490+/-4.517 χ^2/NDF : 28.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.330+/-3.935 χ^2/NDF : 17.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

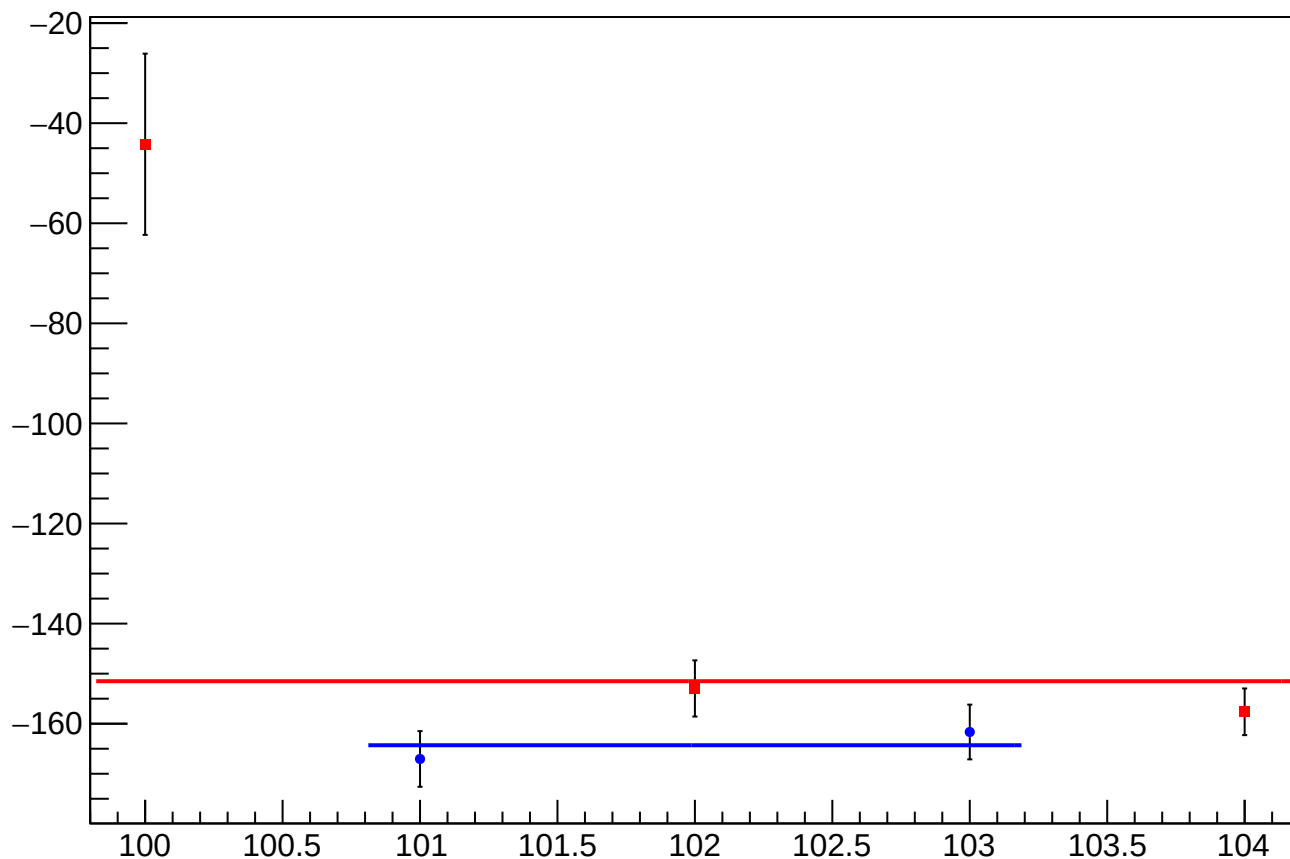
Right: -38.967+/-2.967 χ^2/NDF : 45.8/4

In: -38.490+/-4.517 χ^2/NDF : 28.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -38.967+/-2.967 χ^2/NDF : 45.8/4

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: -151.509+/-3.518 χ^2/NDF : 36.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

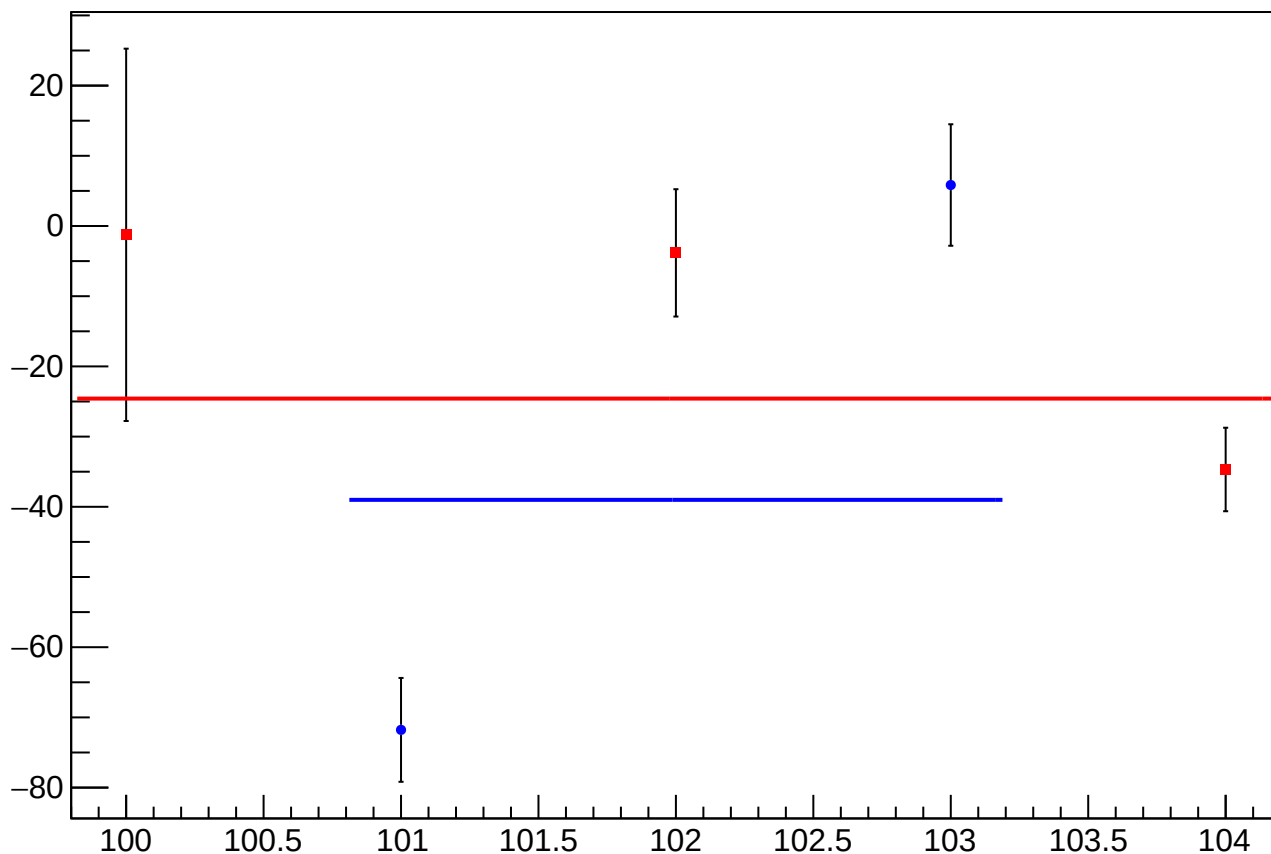
Right: -157.251+/-2.612 χ^2/NDF : 43.3/4

In: -164.306+/-3.900 χ^2/NDF : 0.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.251+/-2.612 χ^2/NDF : 43.3/4

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: -24.584 $\pm$ 4.889 χ^2 /NDF: 8.9/2

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

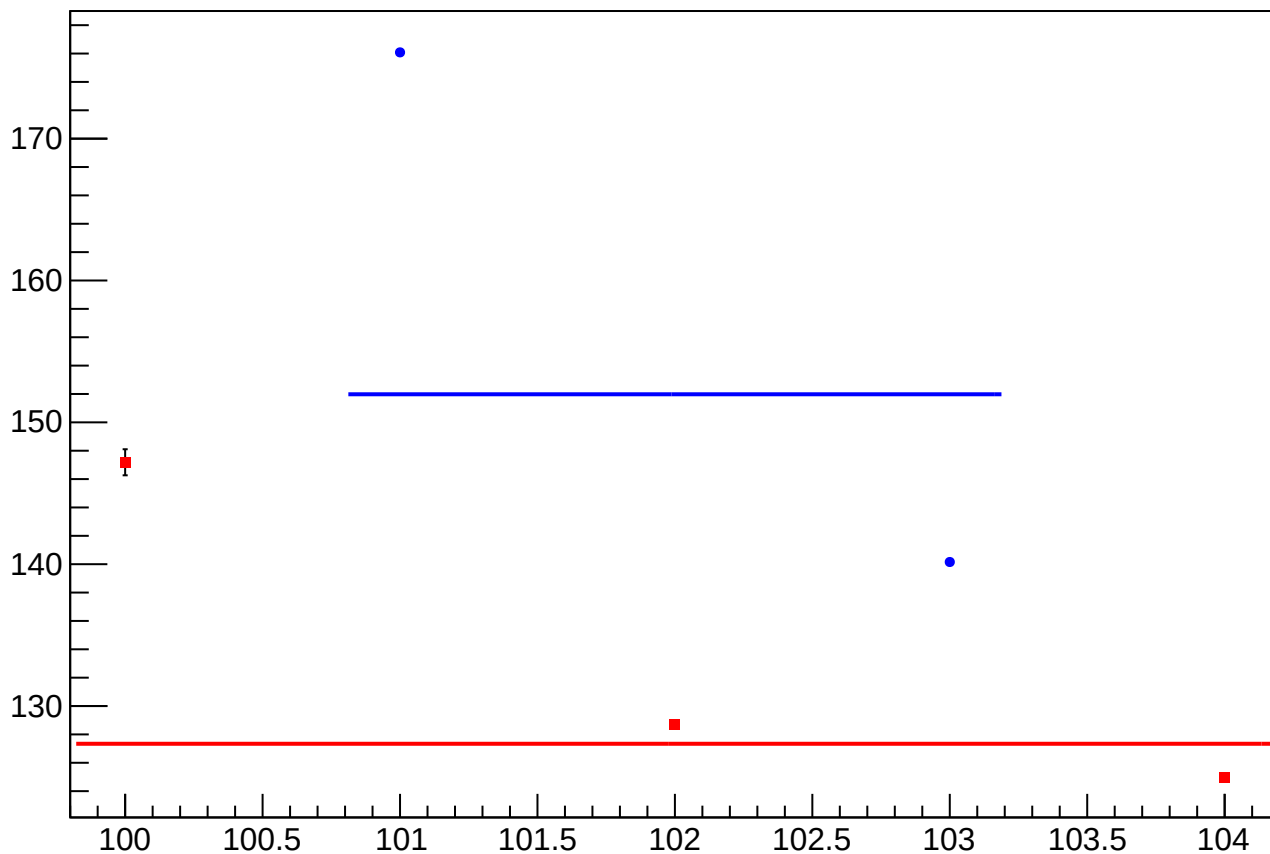
Right: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

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: -30.794 $\pm$ 3.689 χ^2 /NDF: 59.1/4

reg_asym_atl1r2_dd_atl2r1_dd_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: 127.340 $\pm$ 0.163 χ^2 /NDF: 606.2/2

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

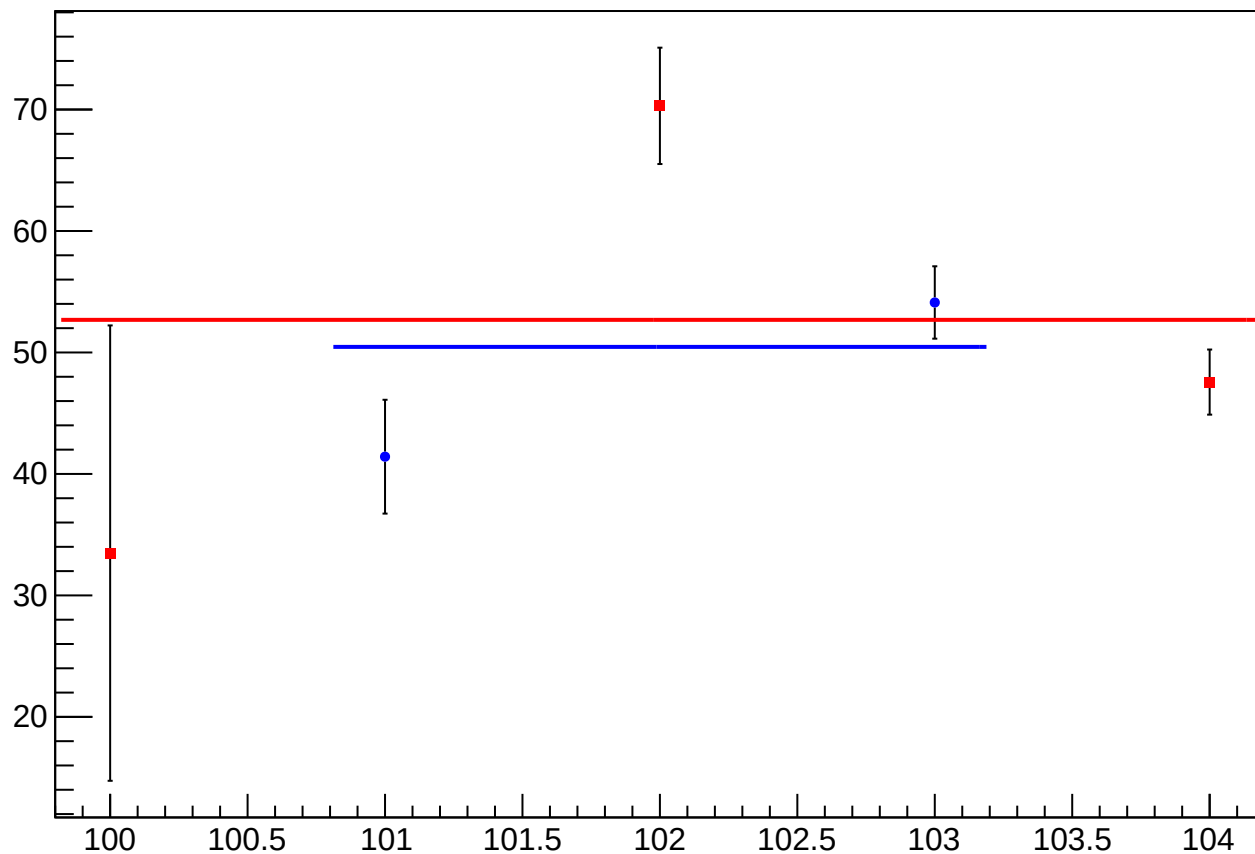
Right: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

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: 137.818 $\pm$ 0.124 χ^2 /NDF: 18182.3/4

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.685+/-2.321 χ^2/NDF : 18.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

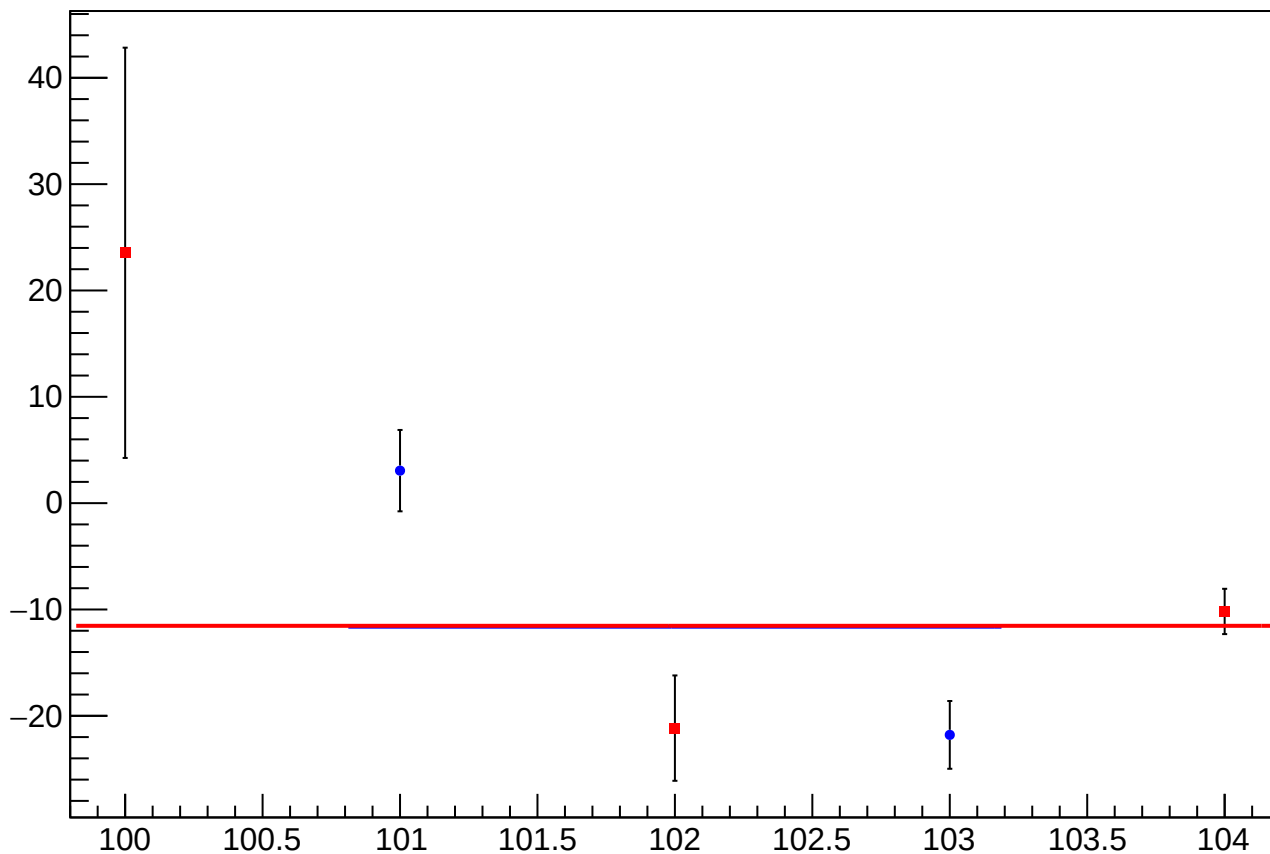
Right: 51.661+/-1.705 χ^2/NDF : 23.9/4

In: 50.459+/-2.514 χ^2/NDF : 5.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.661+/-1.705 χ^2/NDF : 23.9/4

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: -11.536 $\pm$ 1.947 χ^2 /NDF: 7.5/2

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

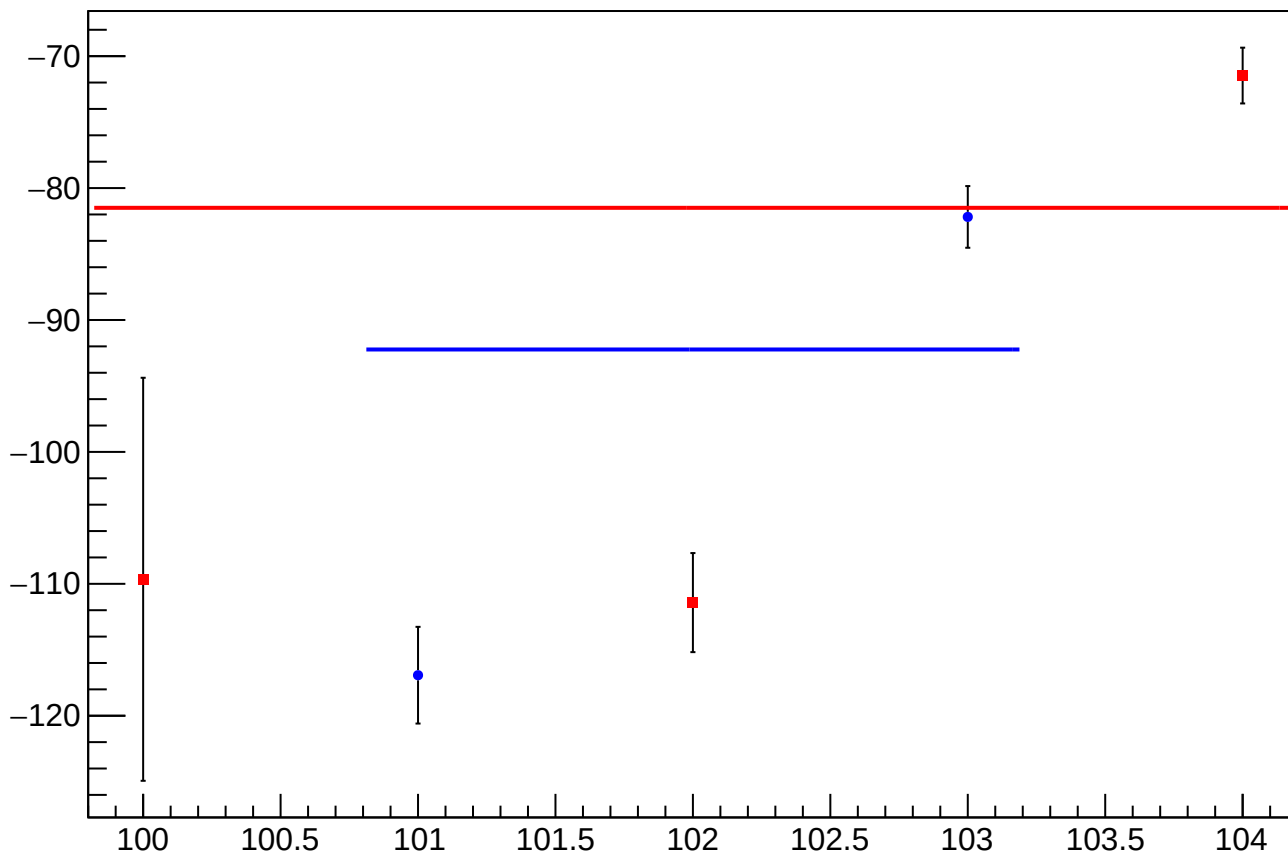
Right: -11.566 $\pm$ 1.524 χ^2 /NDF: 32.4/4

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: -11.566 $\pm$ 1.524 χ^2 /NDF: 32.4/4

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: -81.497 $\pm$ 1.829 χ^2 /NDF: 89.4/2

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

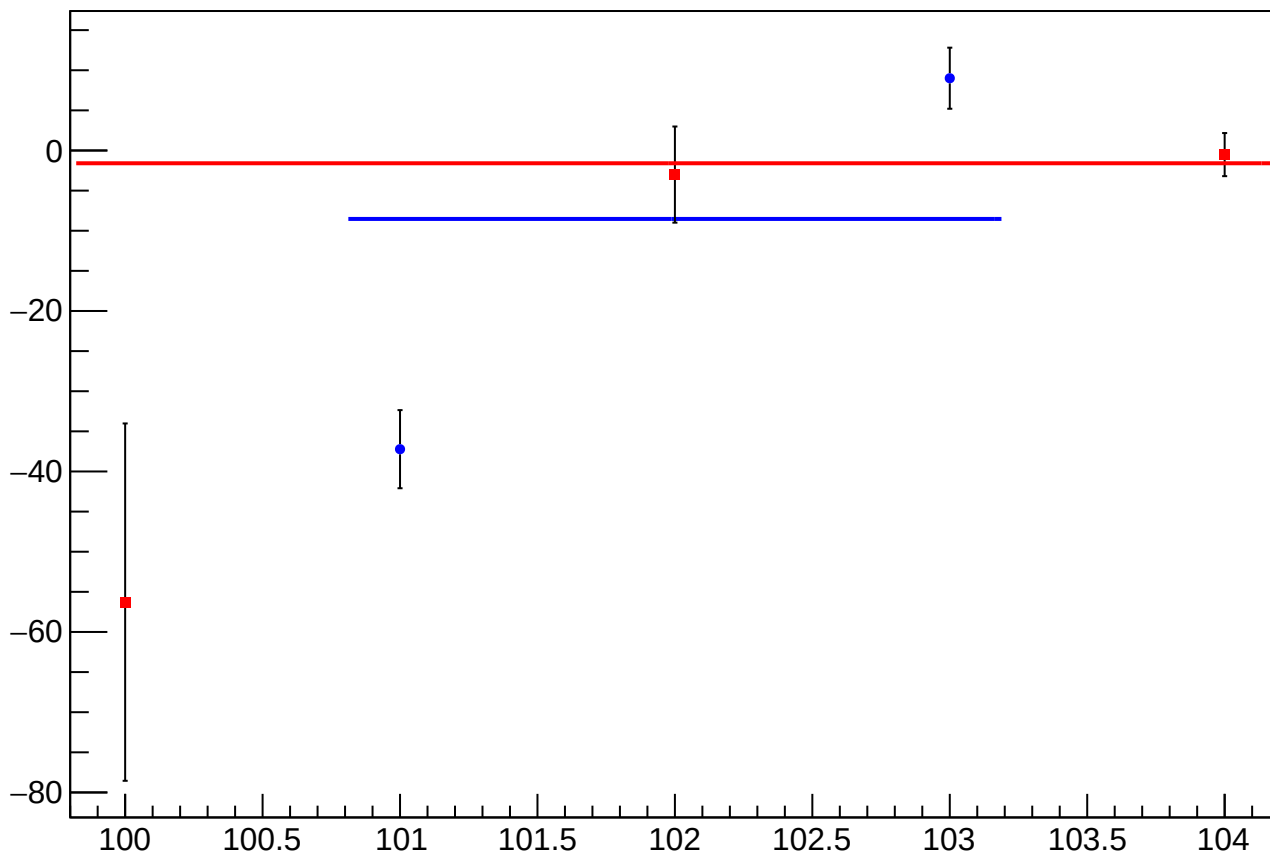
Right: -86.465 $\pm$ 1.341 χ^2 /NDF: 169.2/4

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: -86.465 $\pm$ 1.341 χ^2 /NDF: 169.2/4

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -8.530+/-2.998 χ^2/NDF : 56.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.592+/-2.436 χ^2/NDF : 6.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

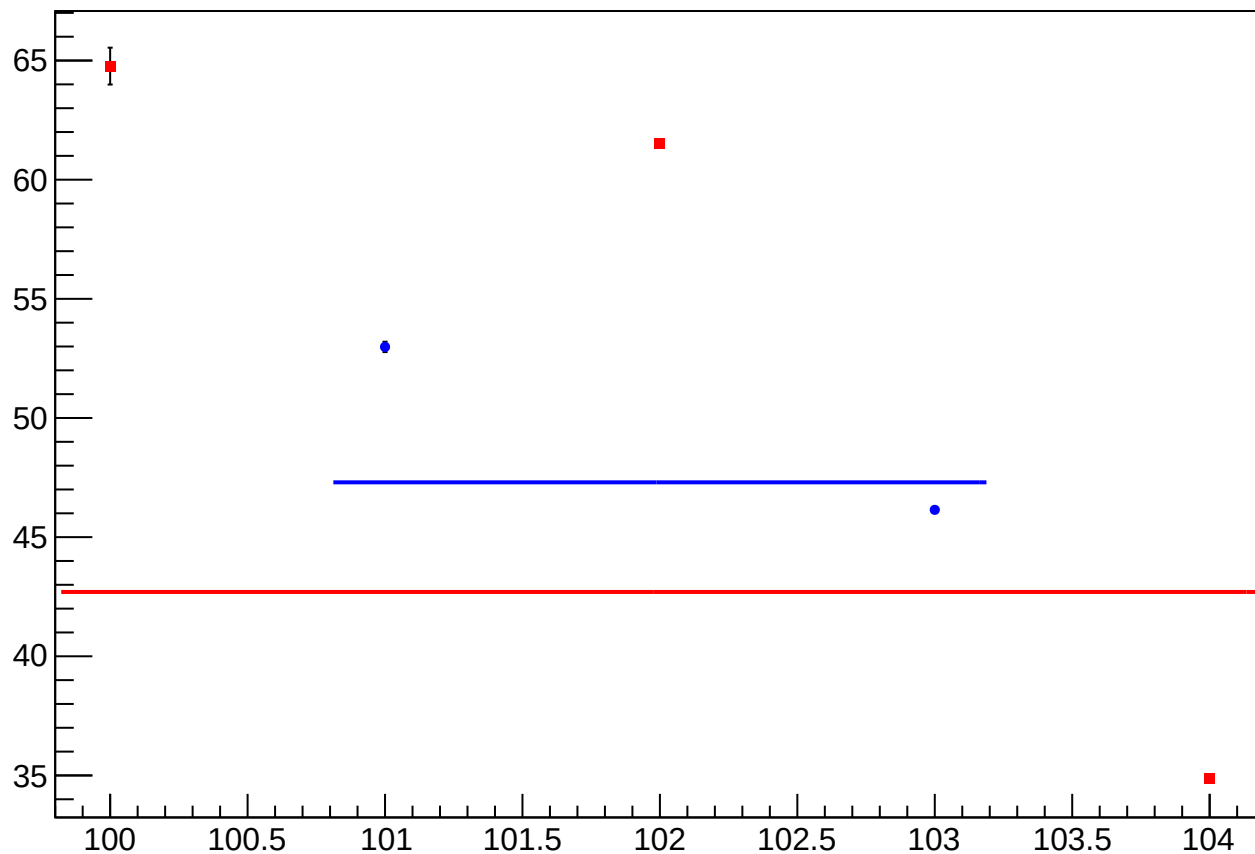
Right: -4.351+/-1.891 χ^2/NDF : 65.4/4

In: -8.530+/-2.998 χ^2/NDF : 56.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.351+/-1.891 χ^2/NDF : 65.4/4

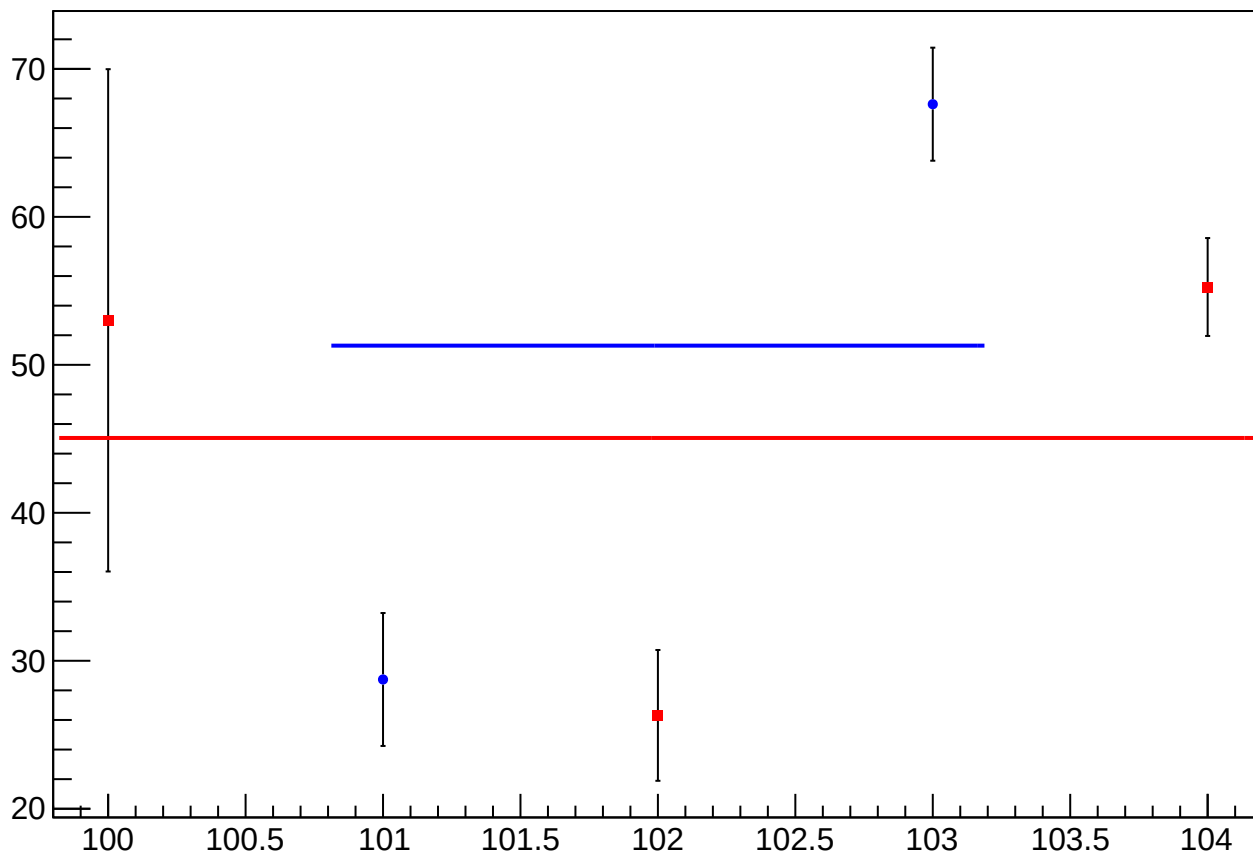
reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 47.300 ± 0.089 $\chi^2/\text{NDF}: 822.2/1$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 42.700 ± 0.086 $\chi^2/\text{NDF}: 20185.9/2$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 44.907 ± 0.062 $\chi^2/\text{NDF}: 22388.0/4$
 In: 47.300 ± 0.089 $\chi^2/\text{NDF}: 822.2/1$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 44.907 ± 0.062 $\chi^2/\text{NDF}: 22388.0/4$

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.058+/-2.617 χ^2/NDF : 27.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

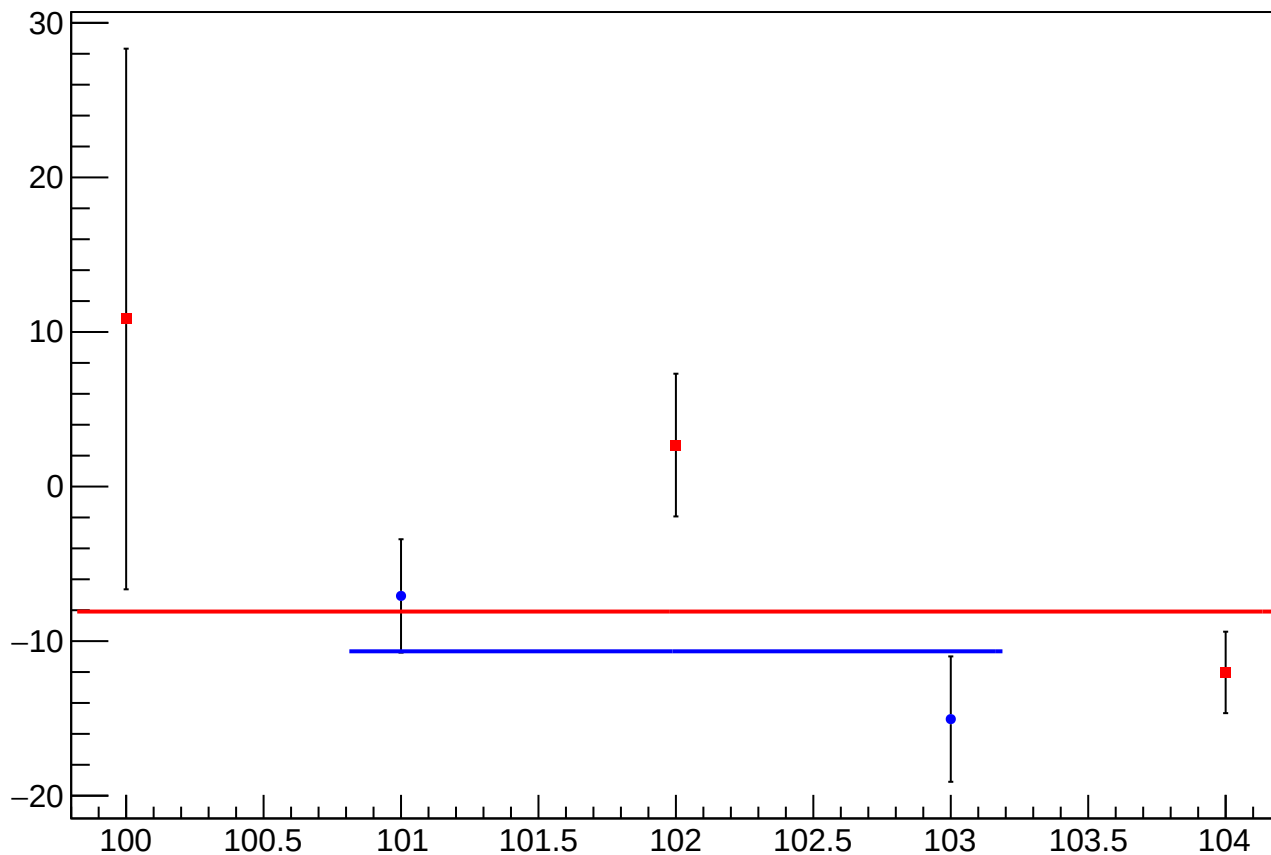
Right: 47.848+/-1.946 χ^2/NDF : 73.7/4

In: 51.298+/-2.910 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.848+/-1.946 χ^2/NDF : 73.7/4

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: -8.086 $\pm$ 2.269 χ^2 /NDF: 8.8/2

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

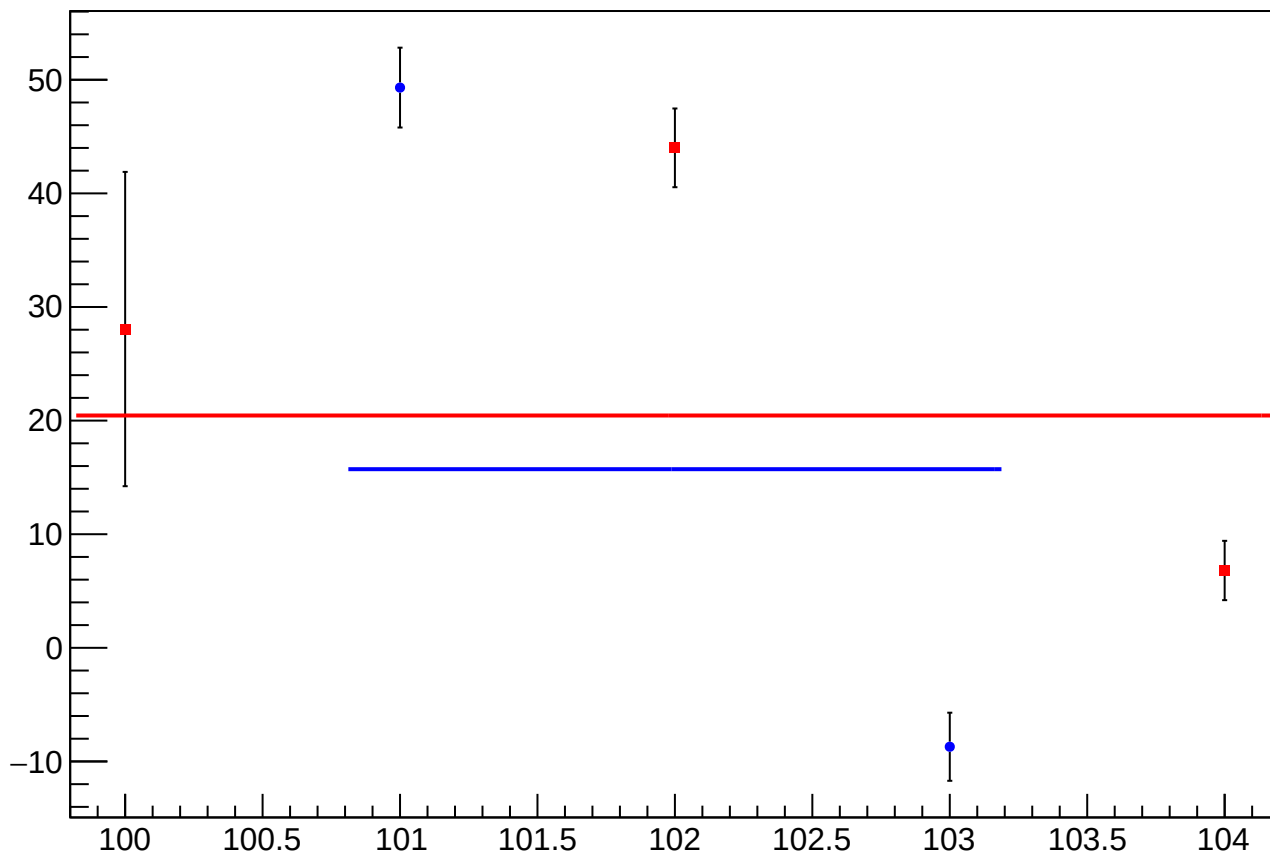
Right: -9.142 $\pm$ 1.742 χ^2 /NDF: 11.5/4

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: -9.142 $\pm$ 1.742 χ^2 /NDF: 11.5/4

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.449+/-2.061 χ^2/NDF : 73.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

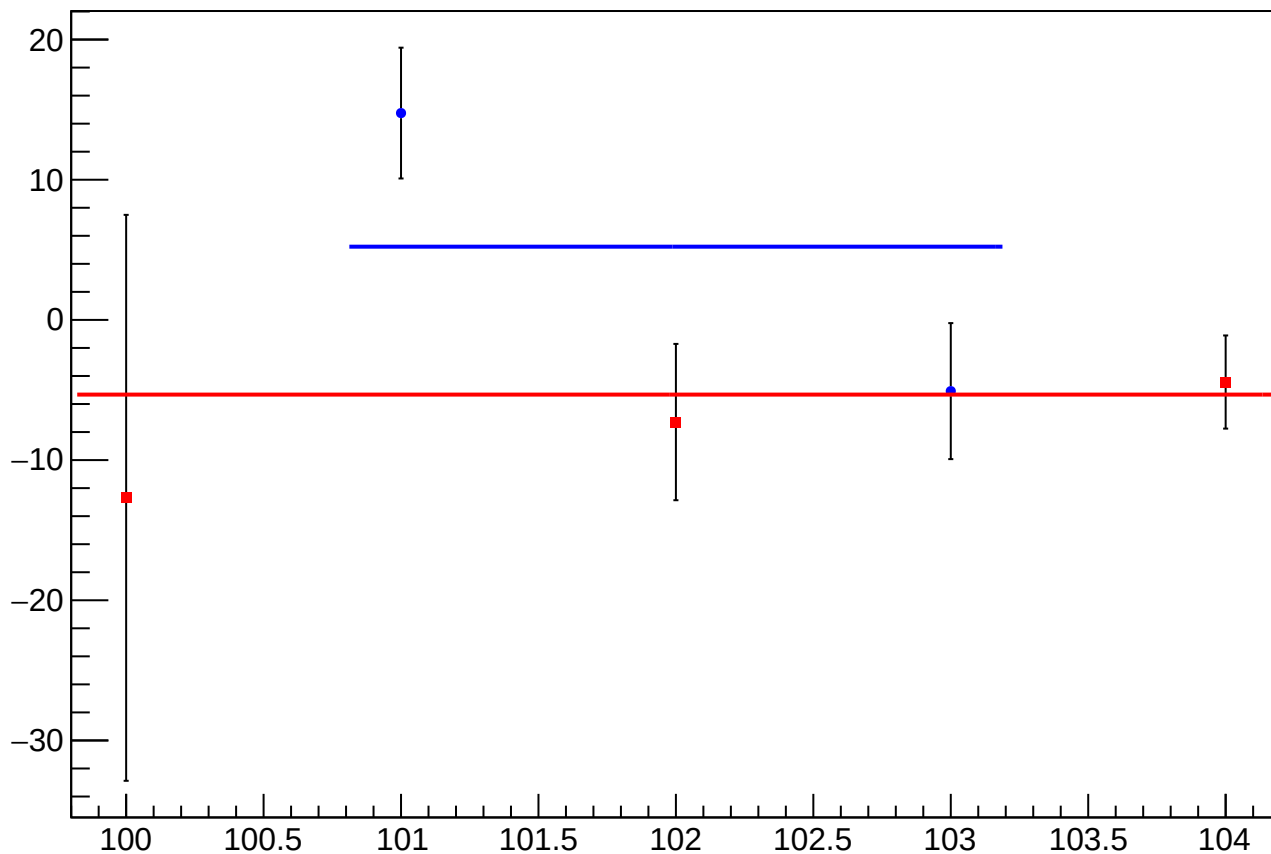
Right: 18.324+/-1.529 χ^2/NDF : 234.0/4

In: 15.724+/-2.280 χ^2/NDF : 157.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.324+/-1.529 χ^2/NDF : 234.0/4

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: -5.328+/-2.826 χ^2/NDF : 0.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

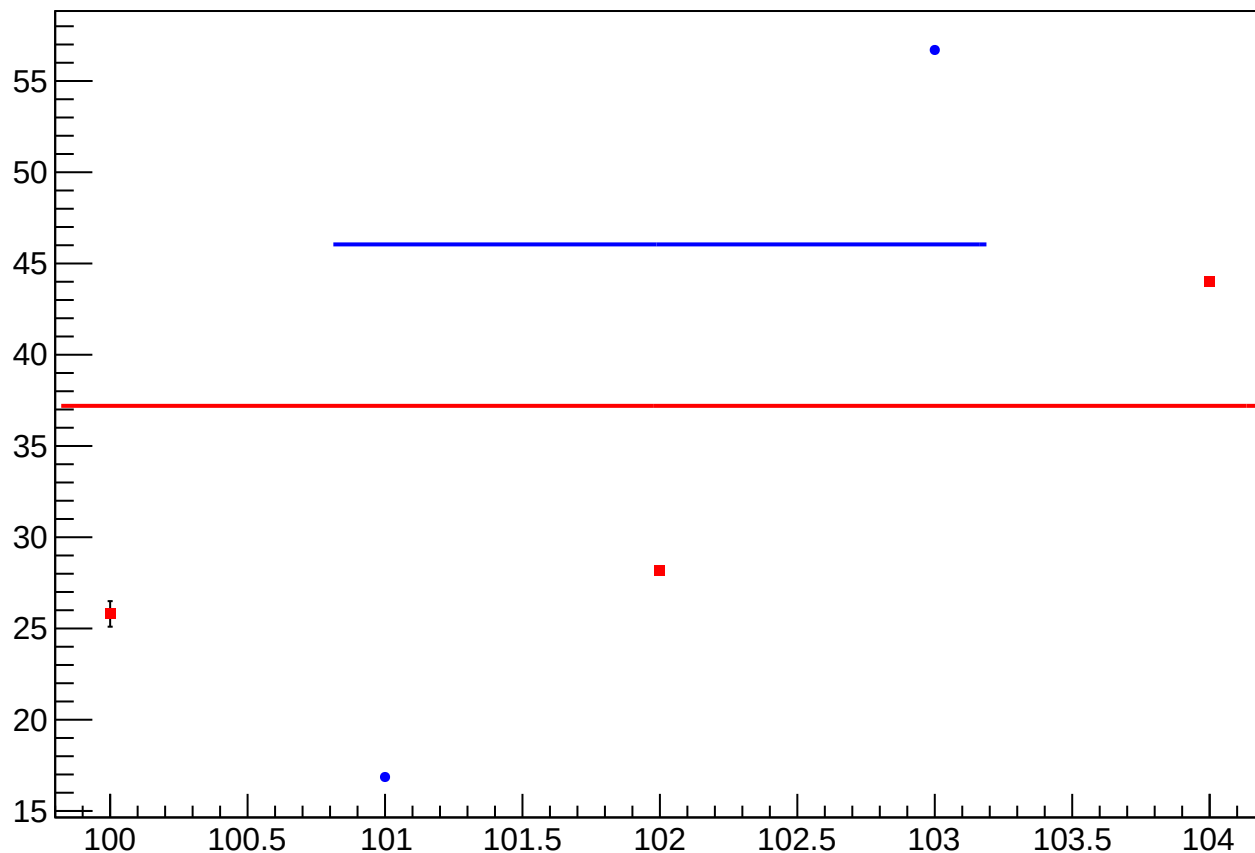
Right: -0.960+/-2.164 χ^2/NDF : 14.8/4

In: 5.224+/-3.363 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.960+/-2.164 χ^2/NDF : 14.8/4

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 46.046 $\pm$ 0.108 χ^2 /NDF: 26811.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.200 $\pm$ 0.096 χ^2 /NDF: 6799.6/2

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

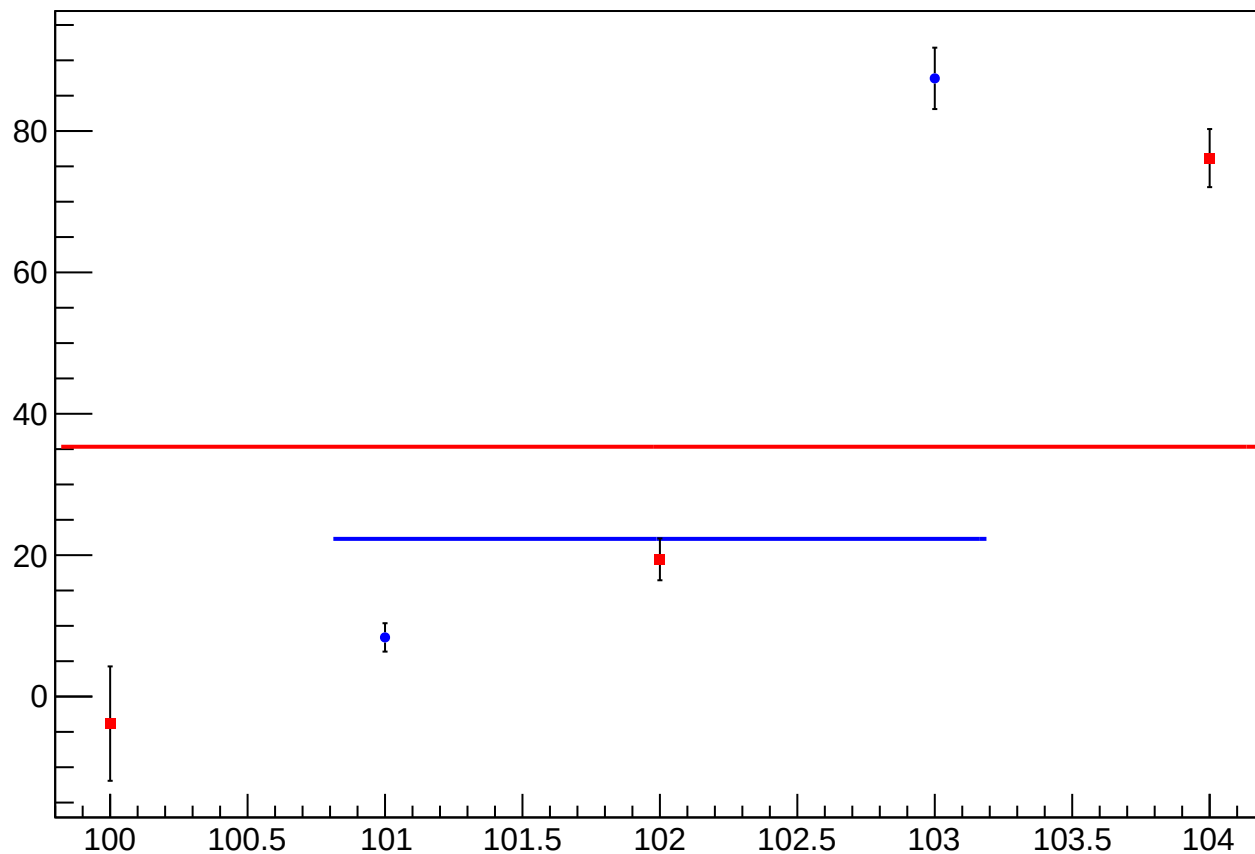
Right: 41.101 $\pm$ 0.072 χ^2 /NDF: 37382.8/4

In: 46.046 $\pm$ 0.108 χ^2 /NDF: 26811.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 41.101 $\pm$ 0.072 χ^2 /NDF: 37382.8/4

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: 35.338+/-2.302 χ^2/NDF : 151.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

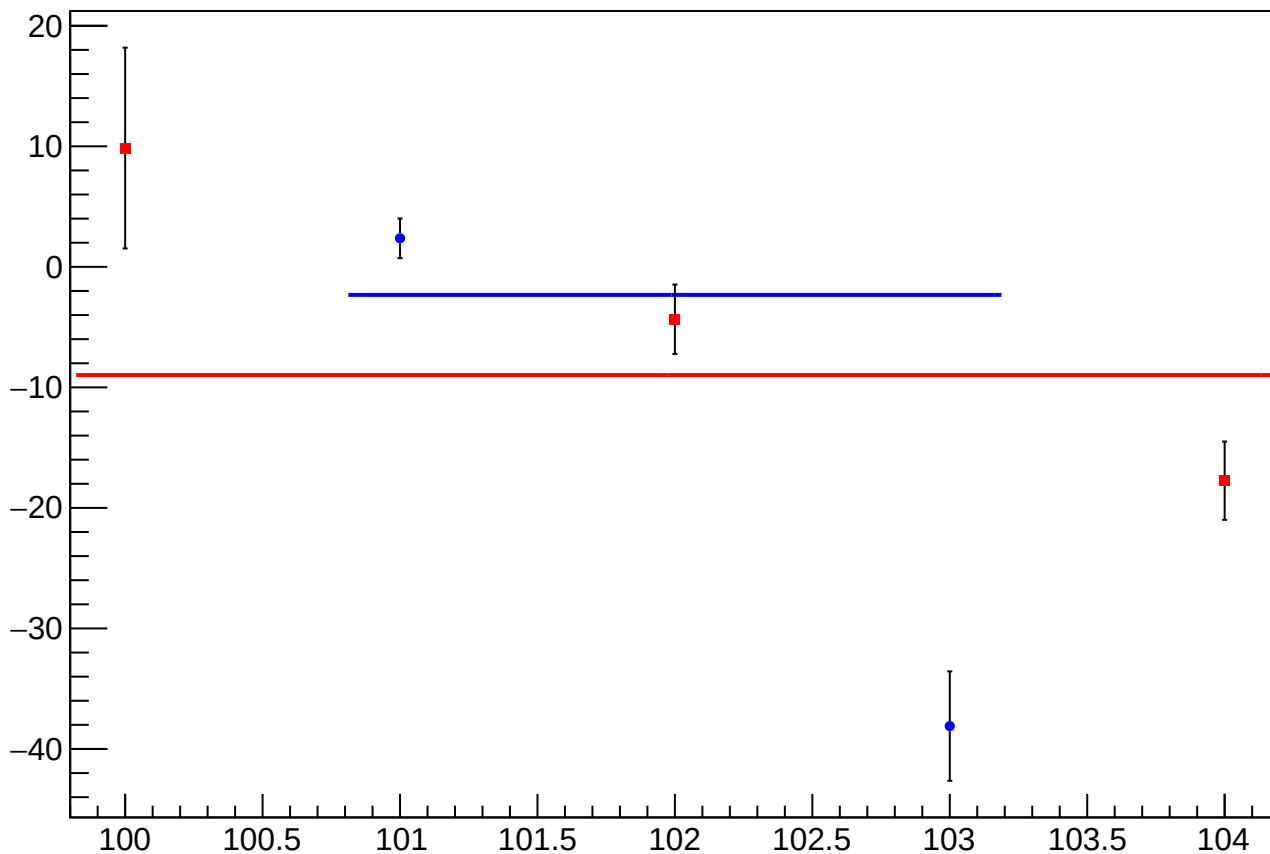
Right: 27.327+/-1.429 χ^2/NDF : 444.1/4

In: 22.304+/-1.823 χ^2/NDF : 273.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.327+/-1.429 χ^2/NDF : 444.1/4

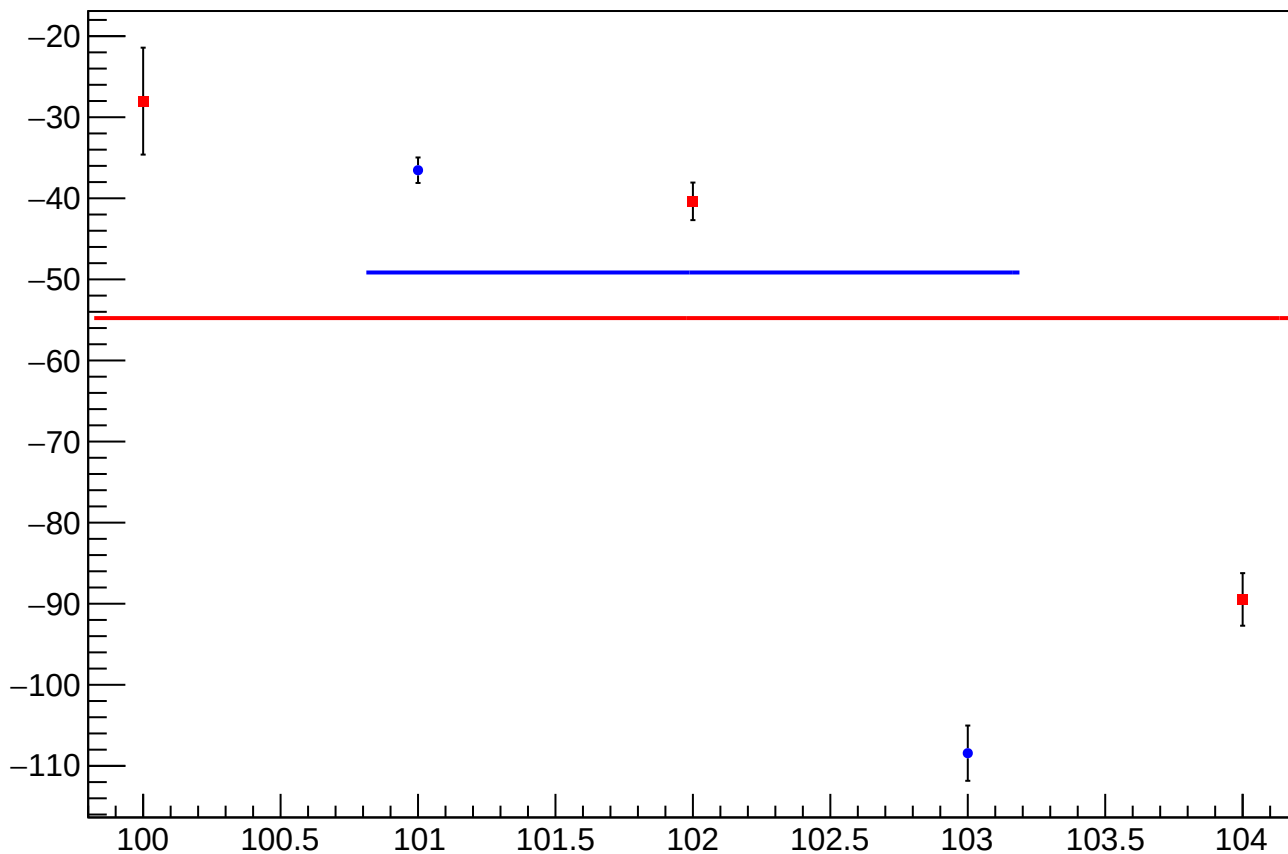
reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -8.978+/-2.085 χ^2/NDF : 15.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.685+/-1.242 χ^2/NDF : 91.8/4
 In: -2.326+/-1.546 χ^2/NDF : 70.3/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.685+/-1.242 χ^2/NDF : 91.8/4

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: -54.773+/-1.812 χ^2/NDF : 169.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

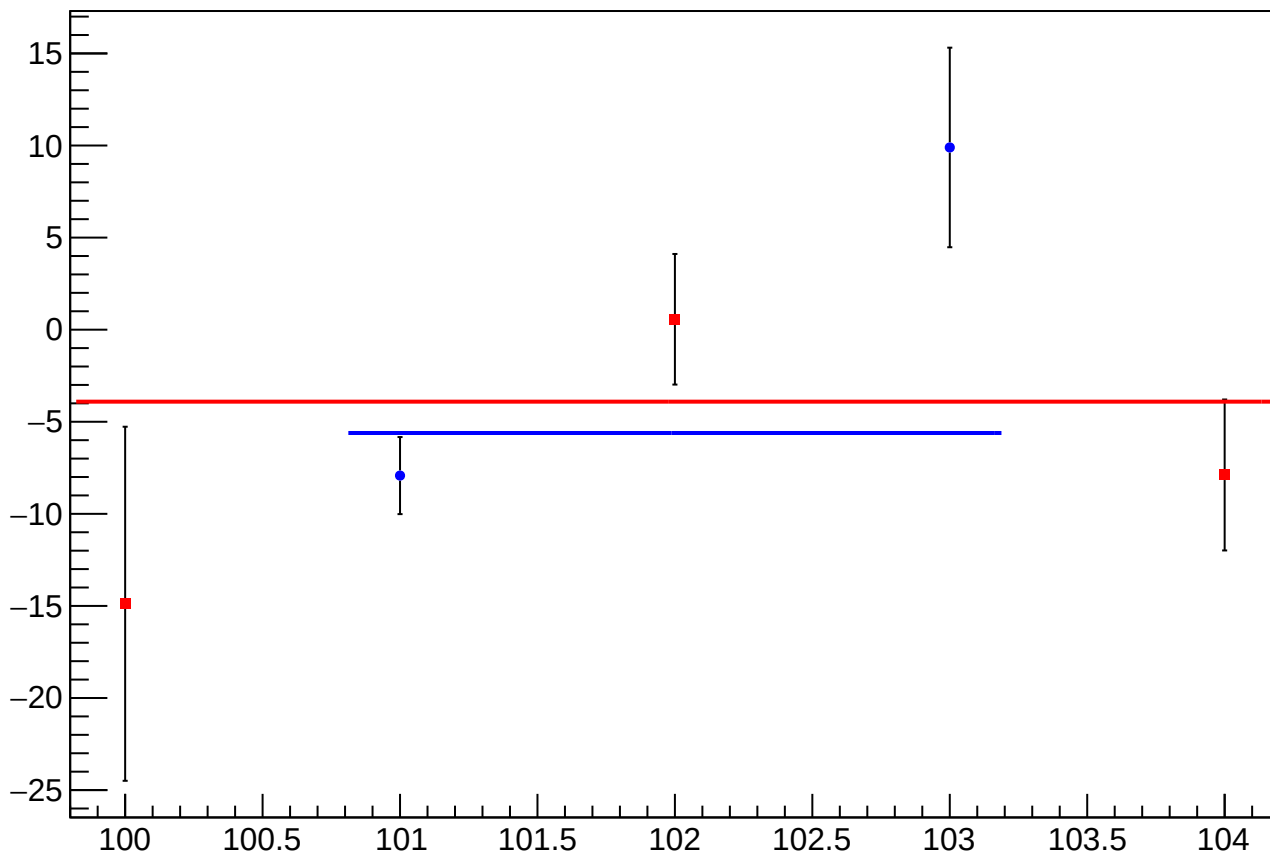
Right: -51.302+/-1.121 χ^2/NDF : 542.8/4

In: -49.149+/-1.427 χ^2/NDF : 367.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.302+/-1.121 χ^2/NDF : 542.8/4

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: -3.908 $\pm$ 2.583 χ^2 /NDF: 3.8/2

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

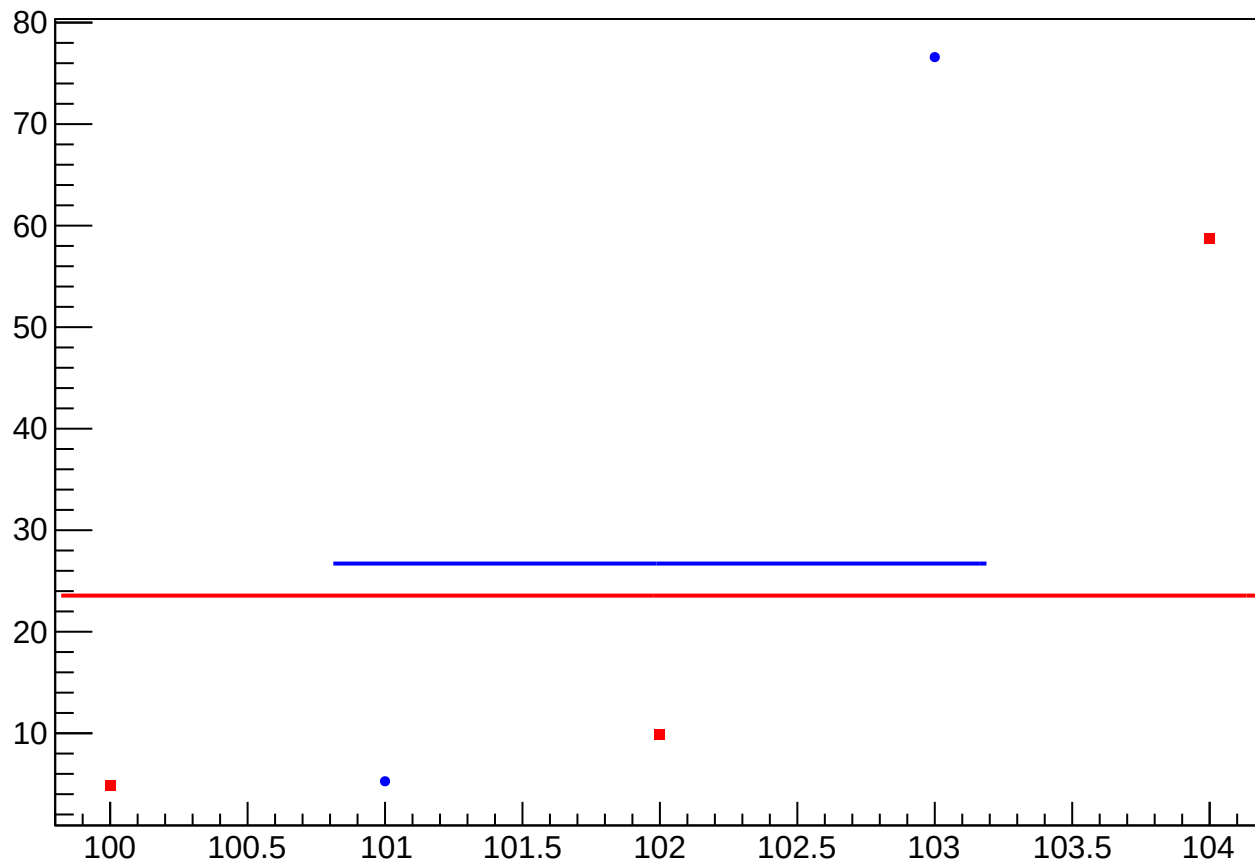
Right: -4.991 $\pm$ 1.557 χ^2 /NDF: 13.5/4

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: -4.991 $\pm$ 1.557 χ^2 /NDF: 13.5/4

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 26.716 $\pm$ 0.078 χ^2 /NDF: 175162.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.561 $\pm$ 0.084 χ^2 /NDF: 70810.1/2

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

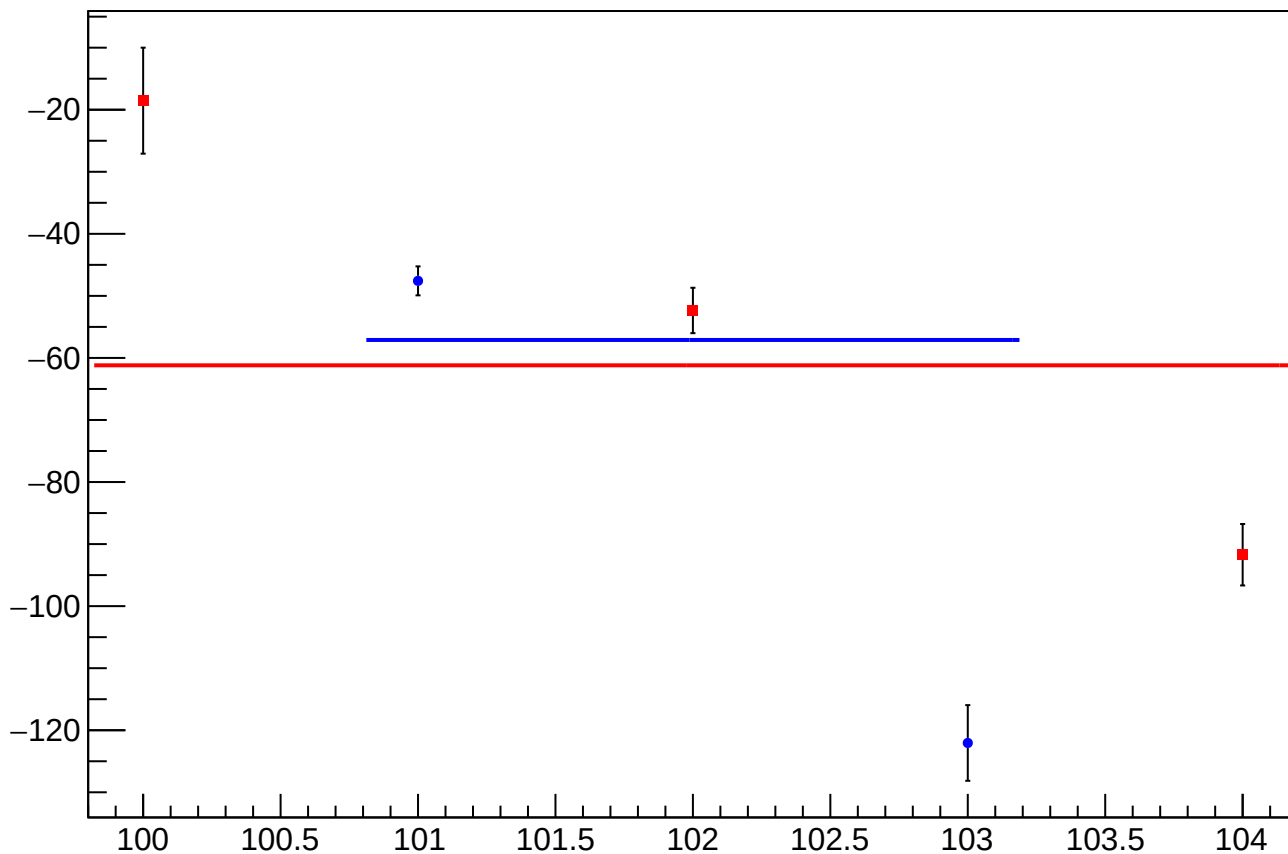
Right: 25.248 $\pm$ 0.057 χ^2 /NDF: 246730.9/4

In: 26.716 $\pm$ 0.078 χ^2 /NDF:175162.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.248 $\pm$ 0.057 χ^2 /NDF: 246730.9/4

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: -61.189+/-2.782 χ^2/NDF : 68.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

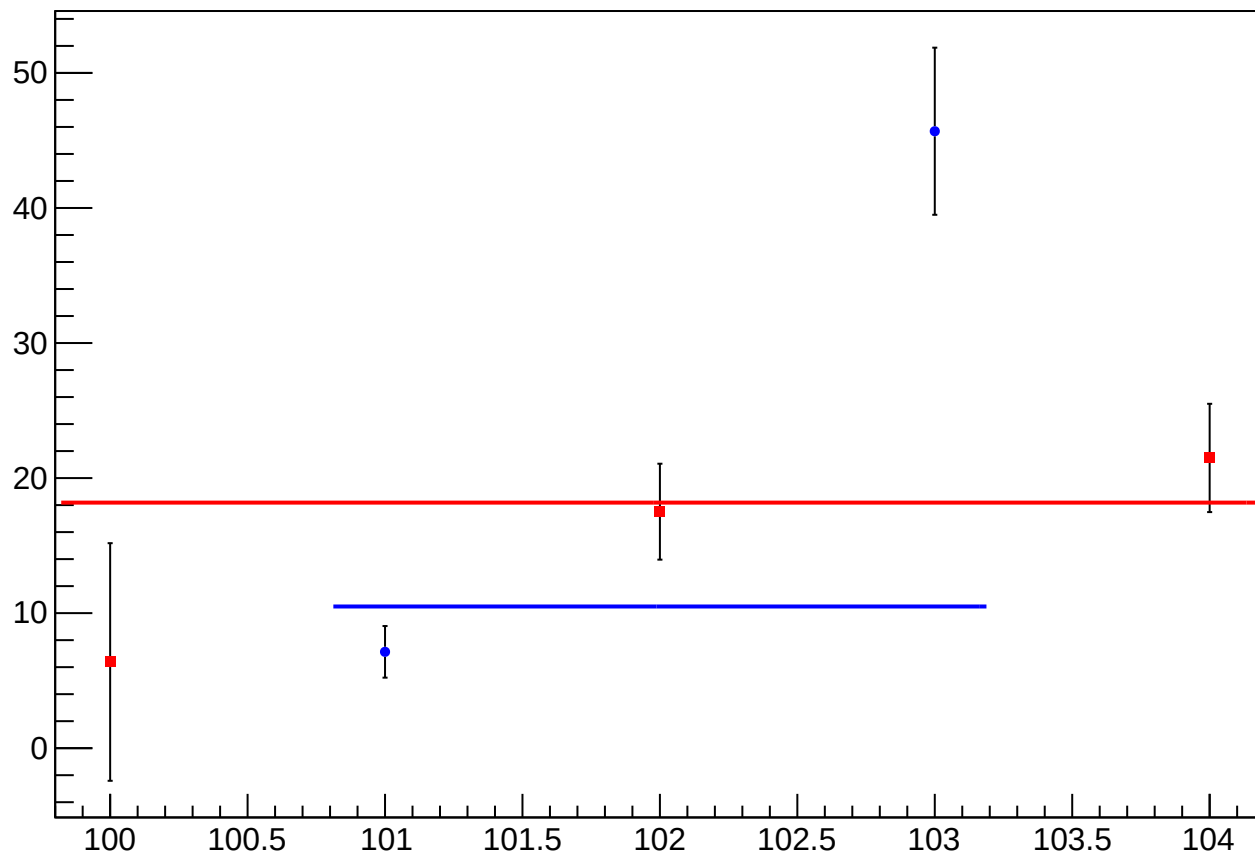
Right: -58.658+/-1.716 χ^2/NDF : 200.2/4

In: -57.104+/-2.181 χ^2/NDF : 130.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.658+/-1.716 χ^2/NDF : 200.2/4

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.492+/-1.826 χ^2 /NDF: 35.4/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 18.184+/-2.545 χ^2 /NDF: 2.5/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

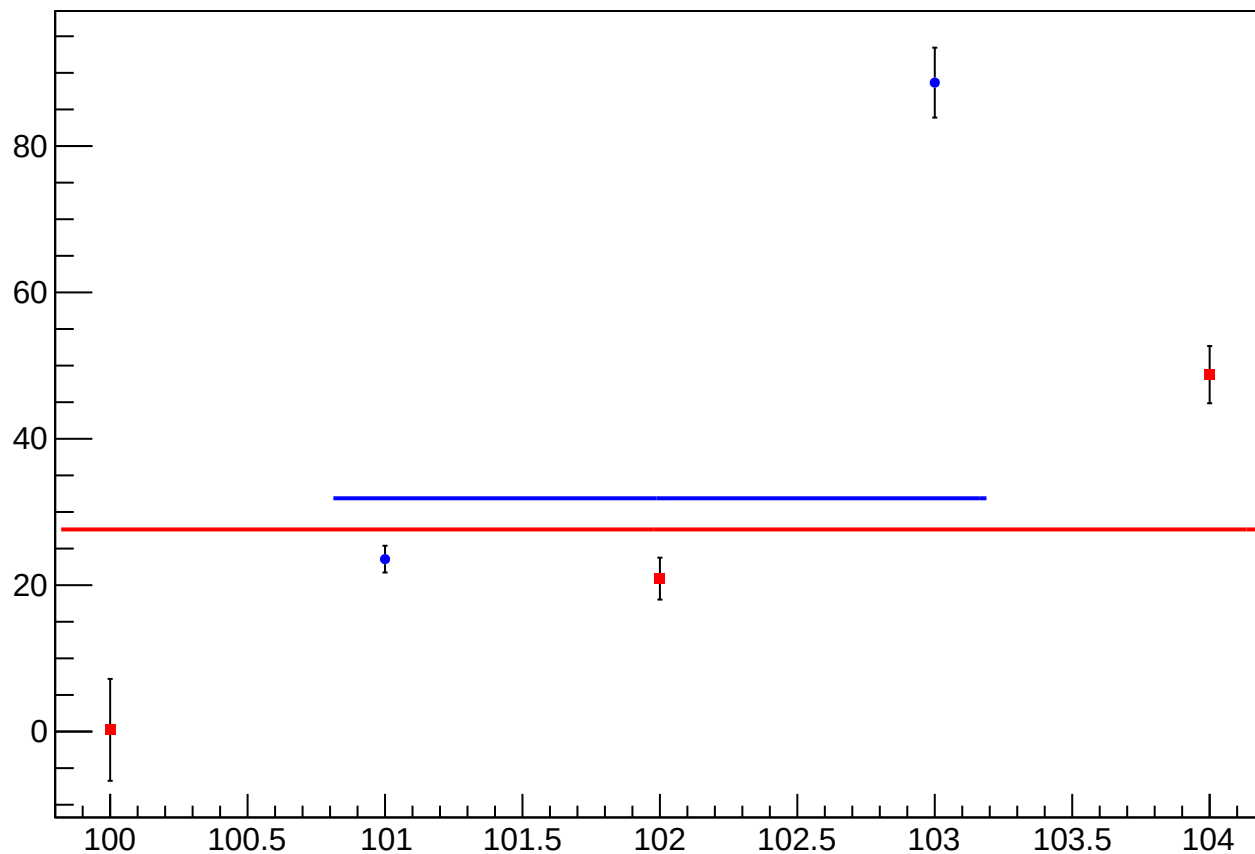
Right: 13.106+/-1.484 χ^2 /NDF: 44.0/4

In: 10.492+/-1.826 χ^2 /NDF: 35.4/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.106+/-1.484 χ^2 /NDF: 44.0/4

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.871+/-1.707 χ^2/NDF : 162.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.614+/-2.192 χ^2/NDF : 50.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

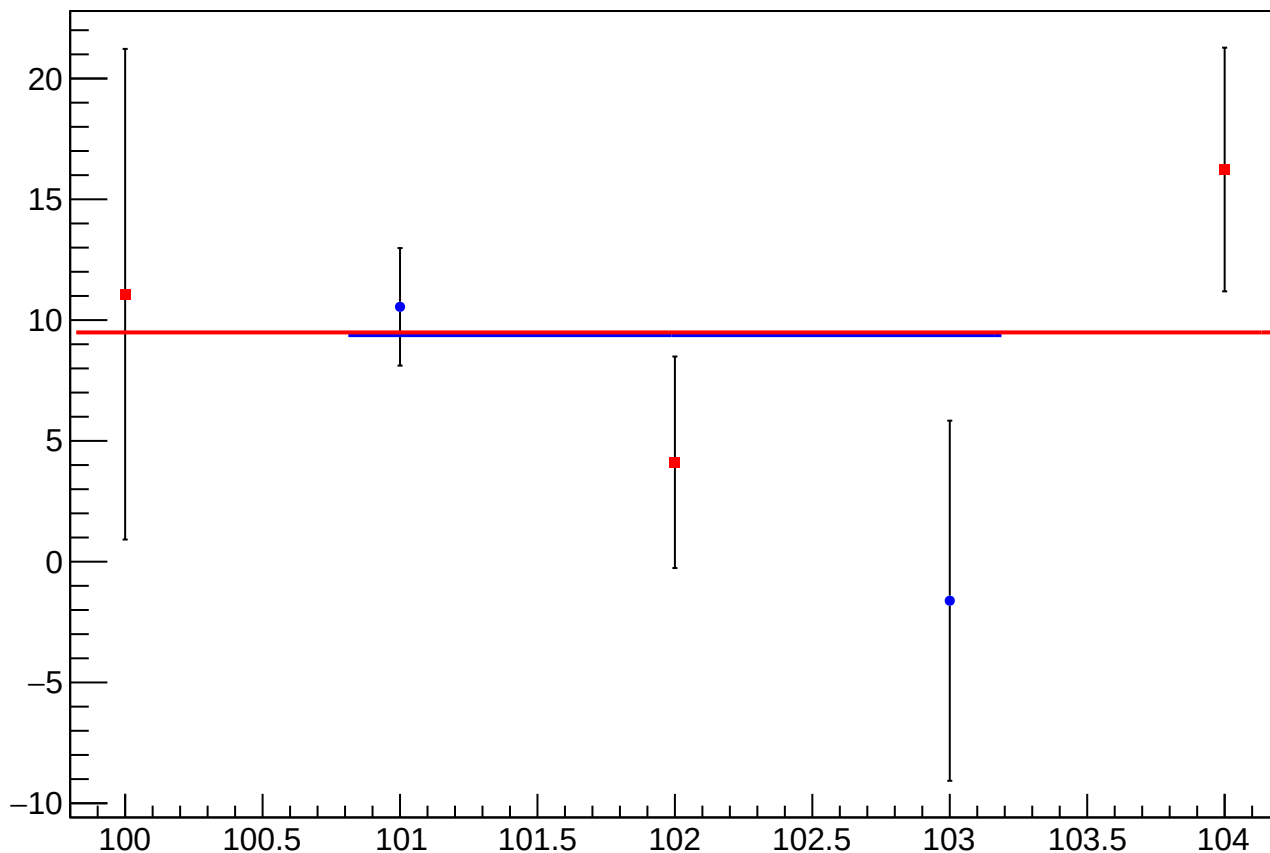
Right: 30.265+/-1.347 χ^2/NDF : 214.7/4

In: 31.871+/-1.707 χ^2/NDF : 162.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.265+/-1.347 χ^2/NDF : 214.7/4

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.378+/-2.313 χ^2/NDF : 2.4/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.490+/-3.144 χ^2/NDF : 3.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

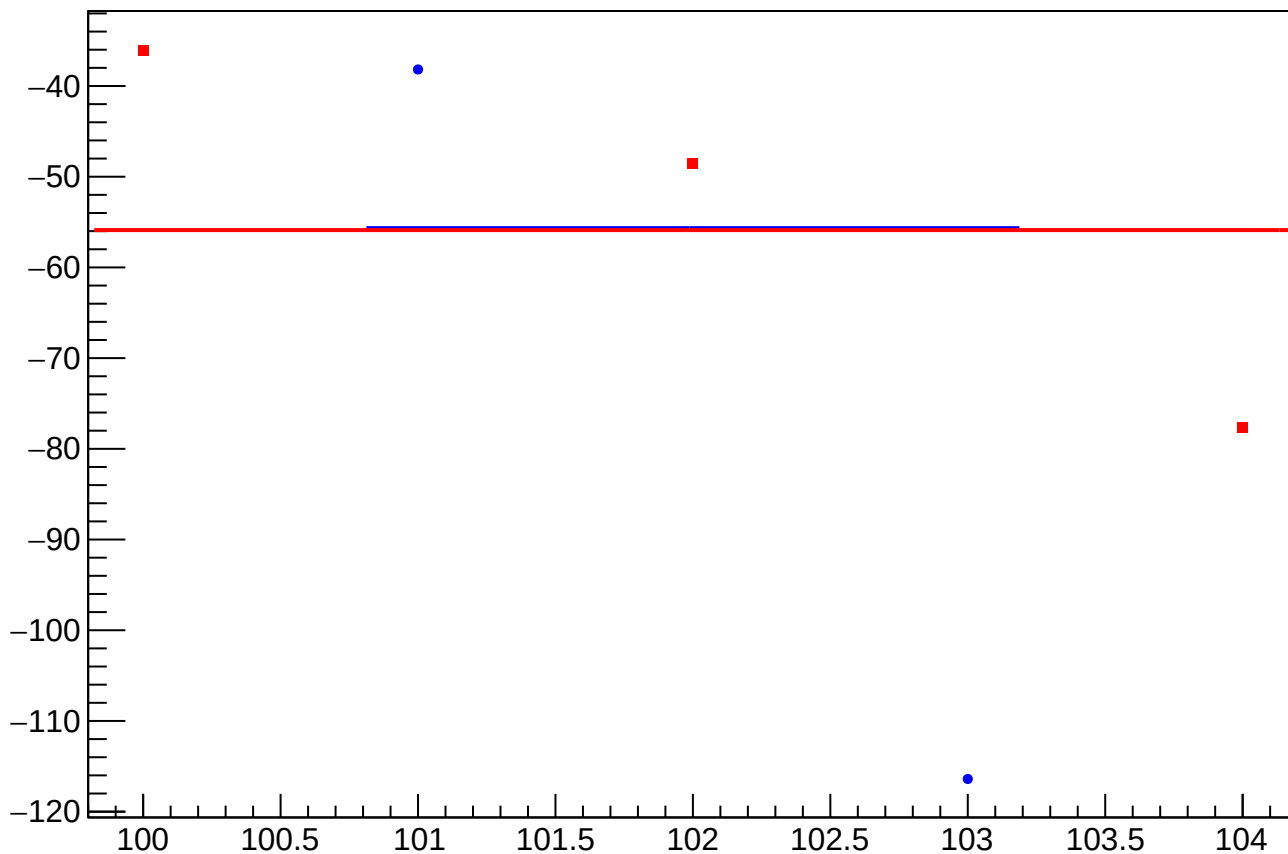
Right: 9.417+/-1.863 χ^2/NDF : 5.7/4

In: 9.378+/-2.313 χ^2/NDF : 2.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.417+/-1.863 χ^2/NDF : 5.7/4

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: -55.886 $\pm$ 0.102 χ^2 /NDF: 19401.6/2

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

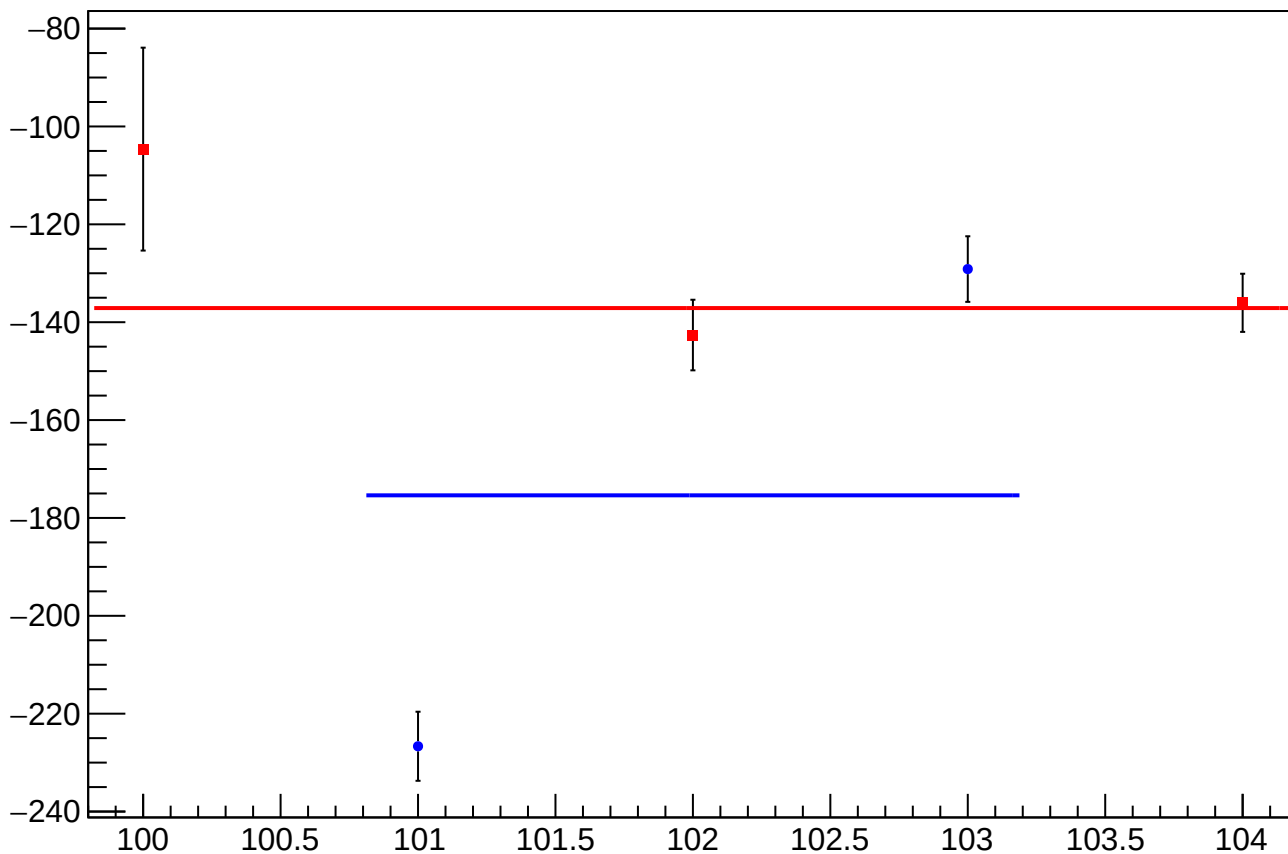
Right: -55.771 $\pm$ 0.070 χ^2 /NDF: 134968.0/4

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: -55.771 $\pm$ 0.070 χ^2 /NDF: 134968.0/4

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: -137.112+/-4.478 χ^2/NDF : 3.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

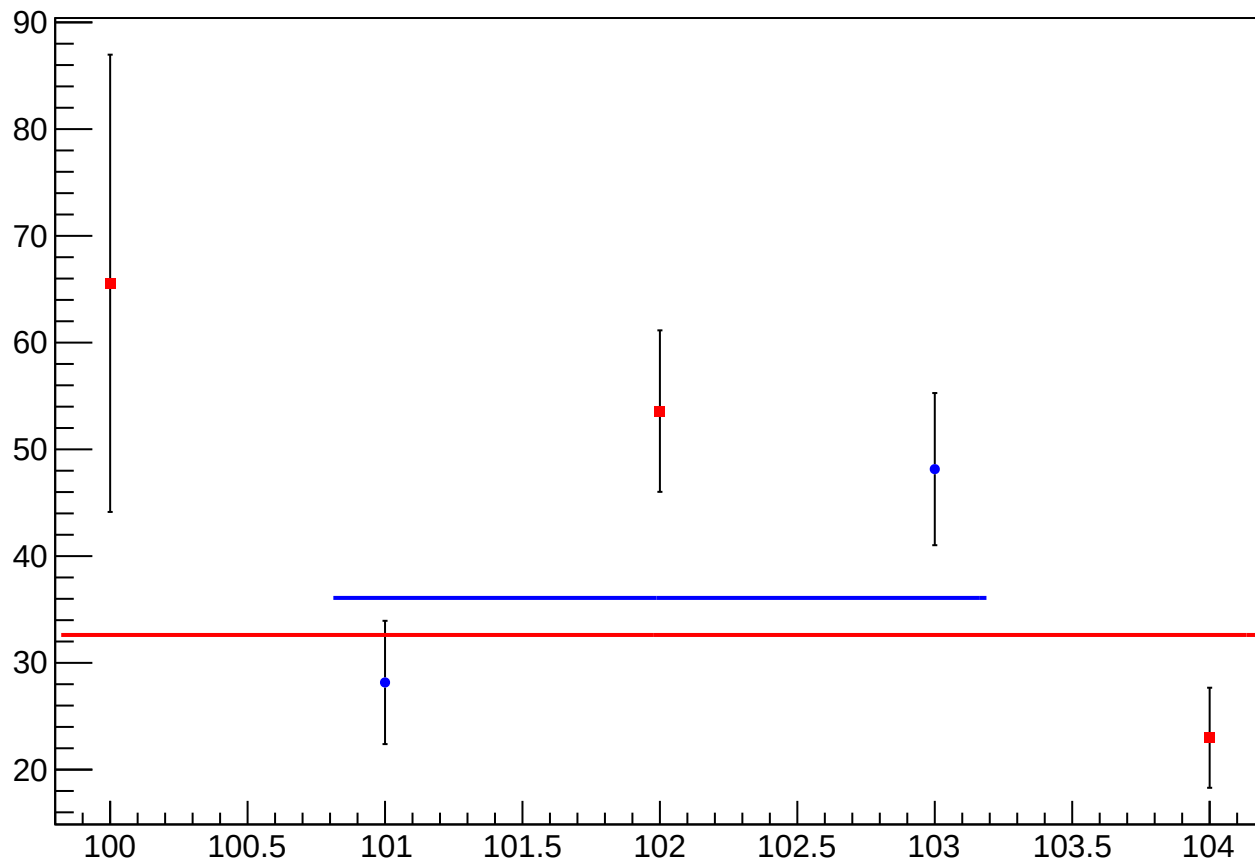
Right: -154.682+/-3.293 χ^2/NDF : 137.0/4

In: -175.380+/-4.860 χ^2/NDF : 100.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.682+/-3.293 χ^2/NDF : 137.0/4

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: 32.614 $\pm$ 3.917 χ^2 /NDF: 14.3/2

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

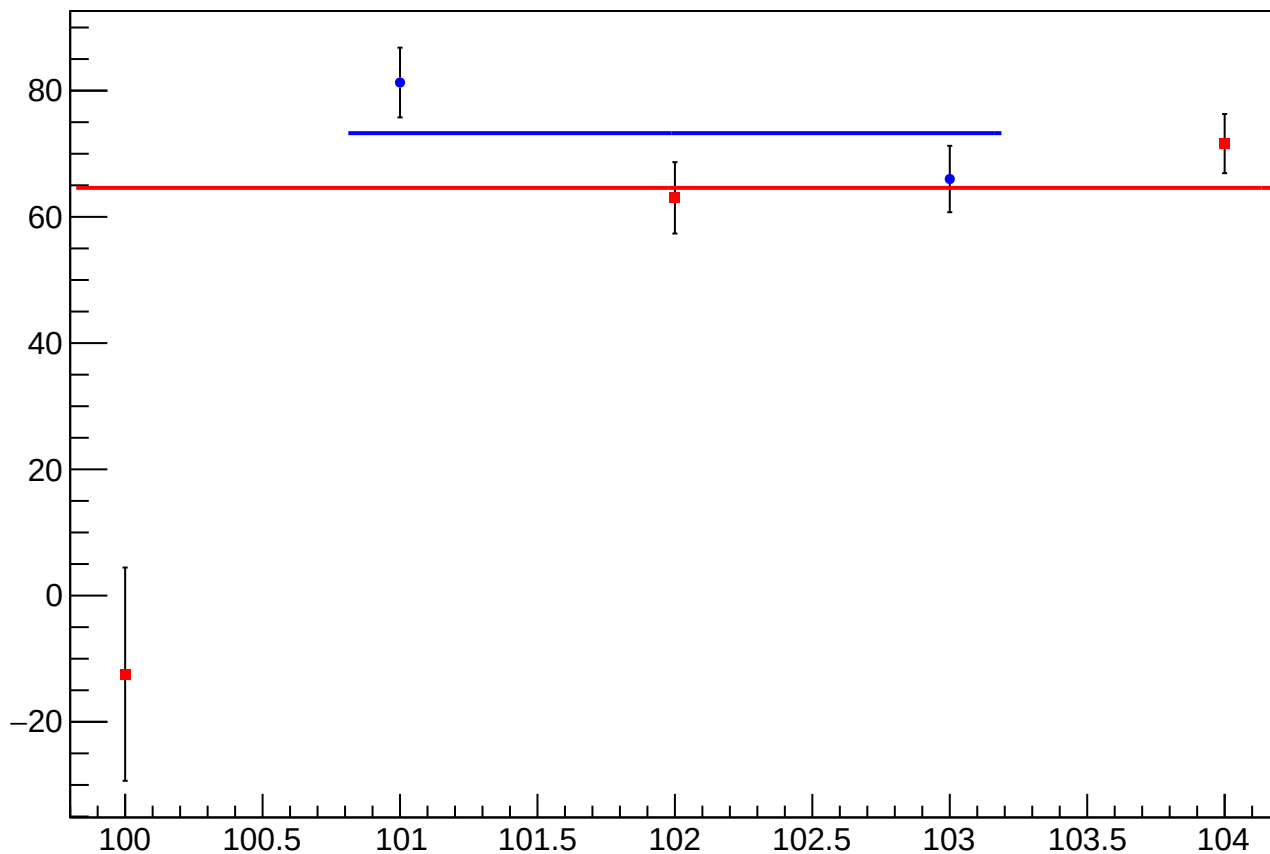
Right: 34.115 $\pm$ 2.951 χ^2 /NDF: 19.4/4

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: 34.115 $\pm$ 2.951 χ^2 /NDF: 19.4/4

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: 64.595+/-3.529 χ^2/NDF : 23.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

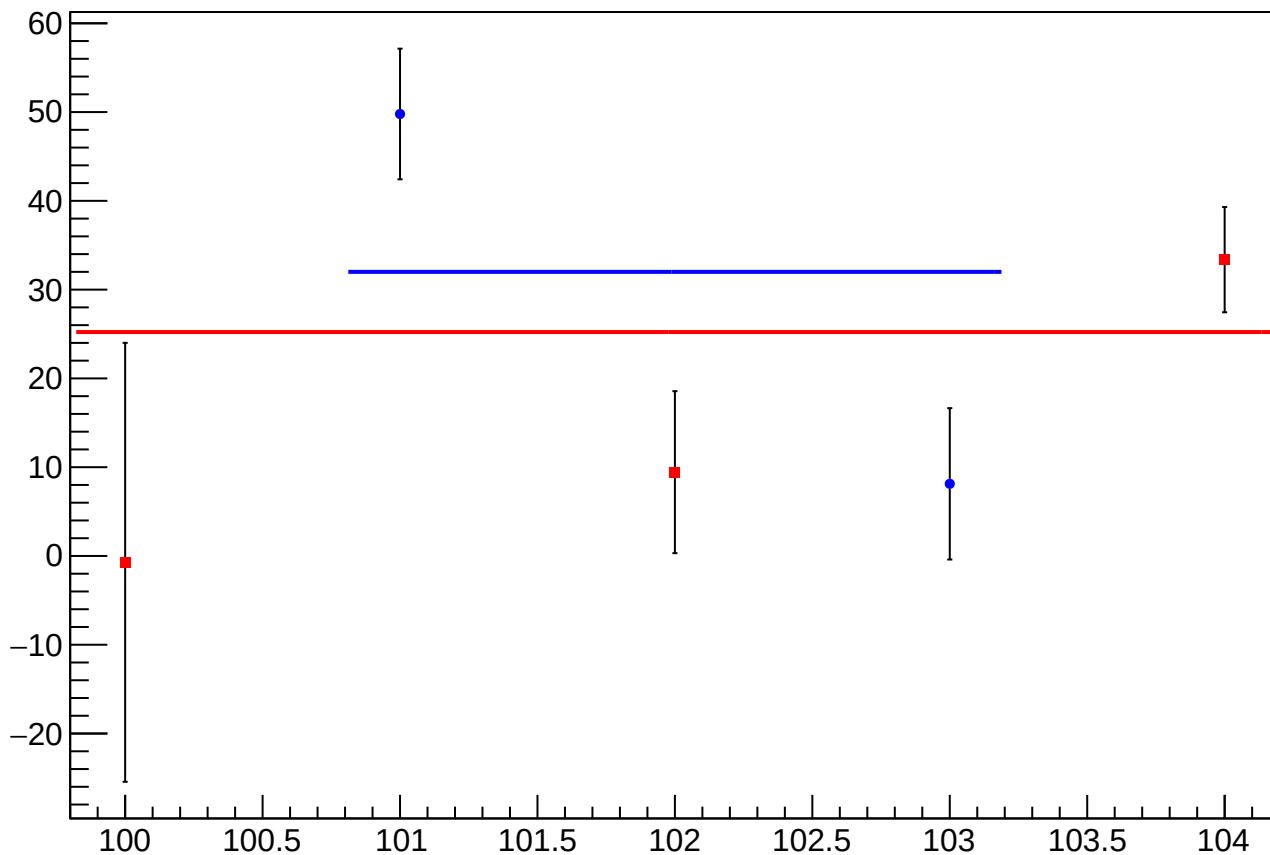
Right: 68.597+/-2.589 χ^2/NDF : 29.9/4

In: 73.261+/-3.809 χ^2/NDF : 4.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.597+/-2.589 χ^2/NDF : 29.9/4

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: 25.222 $\pm$ 4.874 χ^2 /NDF: 6.0/2

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

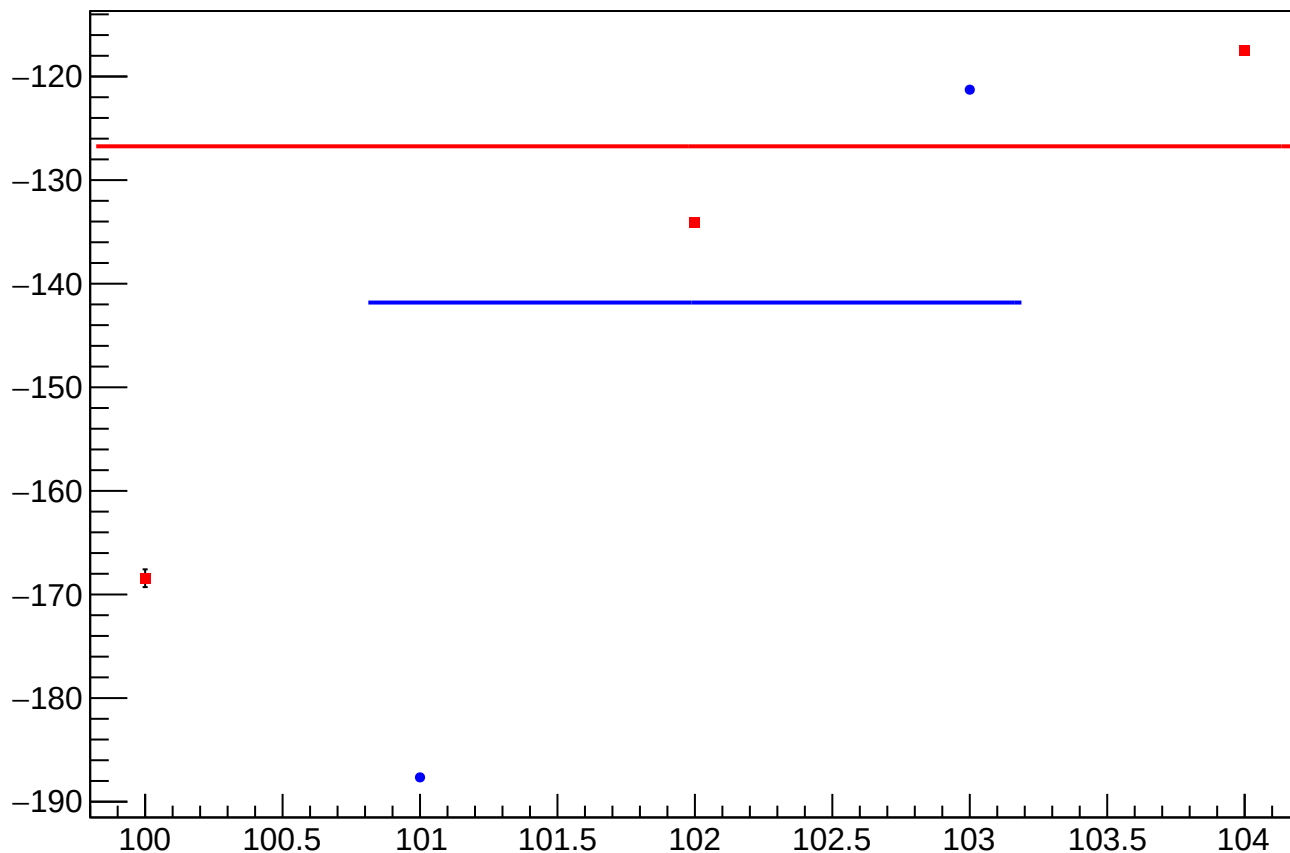
Right: 28.162 $\pm$ 3.668 χ^2 /NDF: 20.5/4

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: 28.162 $\pm$ 3.668 χ^2 /NDF: 20.5/4

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -141.820 $\pm$ 0.184 χ^2 /NDF: 27944.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -126.738 $\pm$ 0.163 χ^2 /NDF: 4961.0/2

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

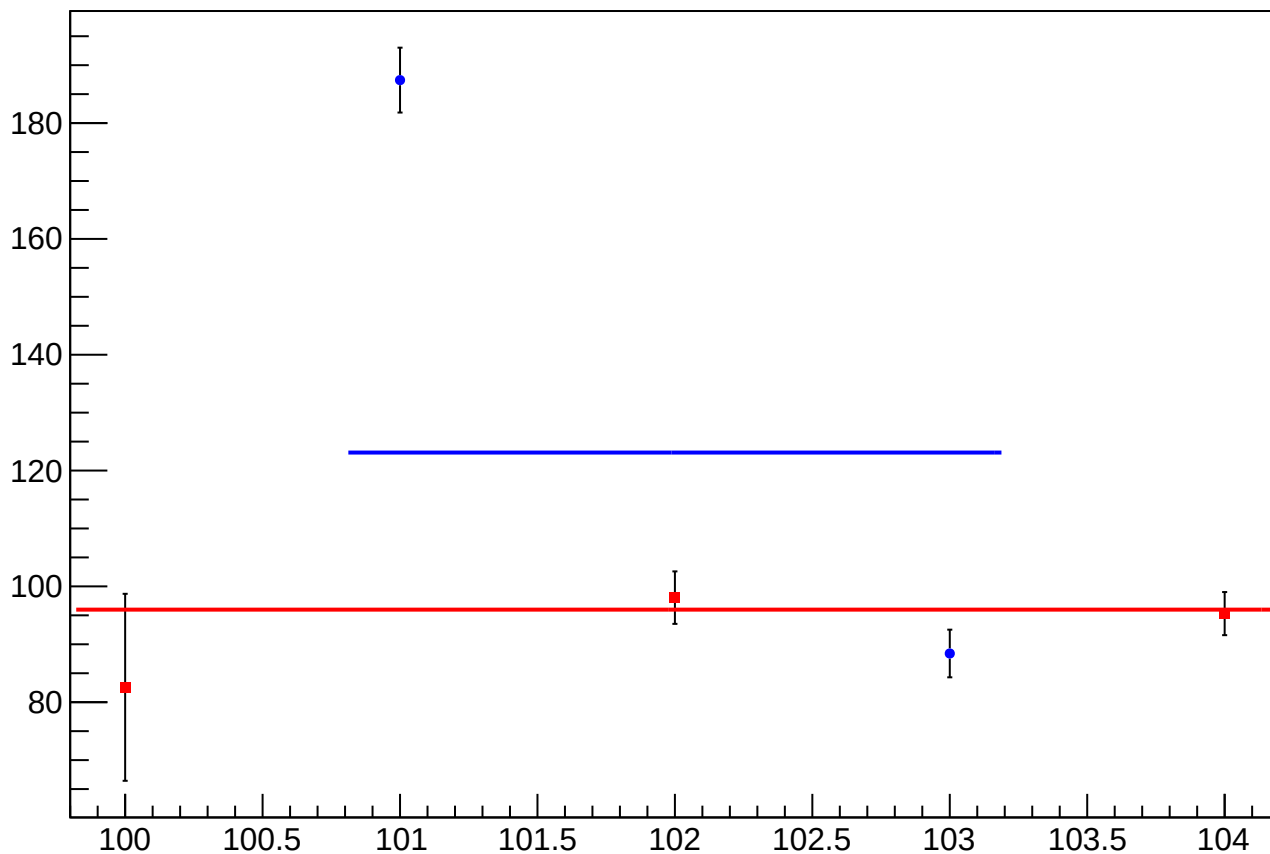
Right: -133.396 $\pm$ 0.122 χ^2 /NDF: 36675.3/4

In: -141.820 $\pm$ 0.184 χ^2 /NDF: 27944.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -133.396 $\pm$ 0.122 χ^2 /NDF: 36675.3/4

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: 107.424 ± 2.153 χ^2/NDF : 242.6/4
 In: 123.108 ± 3.316 χ^2/NDF : 203.0/1
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 107.424 ± 2.153 χ^2/NDF : 242.6/4

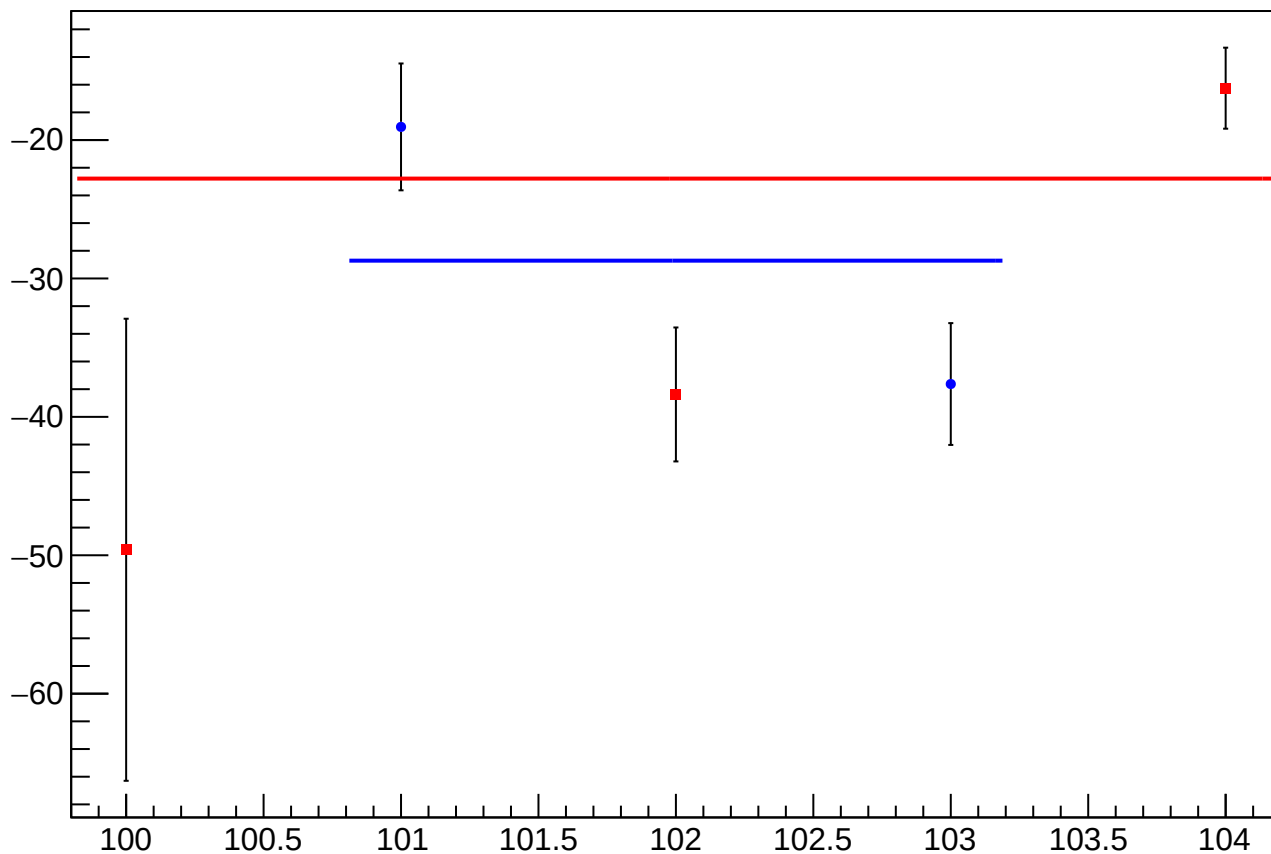
Right In: 123.108 ± 3.316 χ^2/NDF : 203.0/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 95.984 ± 2.832 χ^2/NDF : 0.9/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -28.714 $\pm$ 3.174 χ^2 /NDF: 8.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -22.784 $\pm$ 2.477 χ^2 /NDF: 17.9/2

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

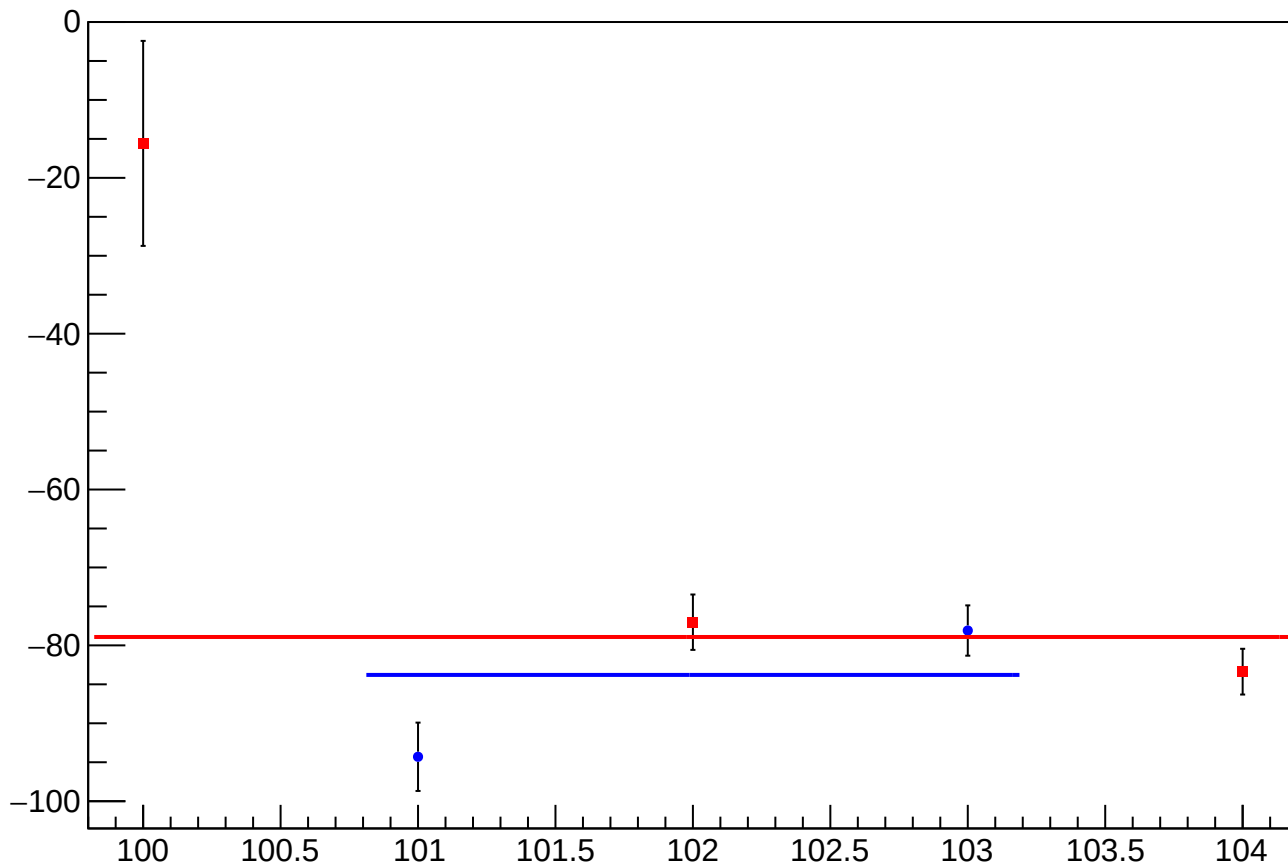
Right: -25.028 $\pm$ 1.953 χ^2 /NDF: 28.7/4

In: -28.714 $\pm$ 3.174 χ^2 /NDF:8.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.028 $\pm$ 1.953 χ^2 /NDF: 28.7/4

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right: -80.988 ± 1.693 $\chi^2/\text{NDF}: 36.6/4$

In: -83.792 ± 2.600 $\chi^2/\text{NDF}: 8.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -80.988 ± 1.693 $\chi^2/\text{NDF}: 36.6/4$

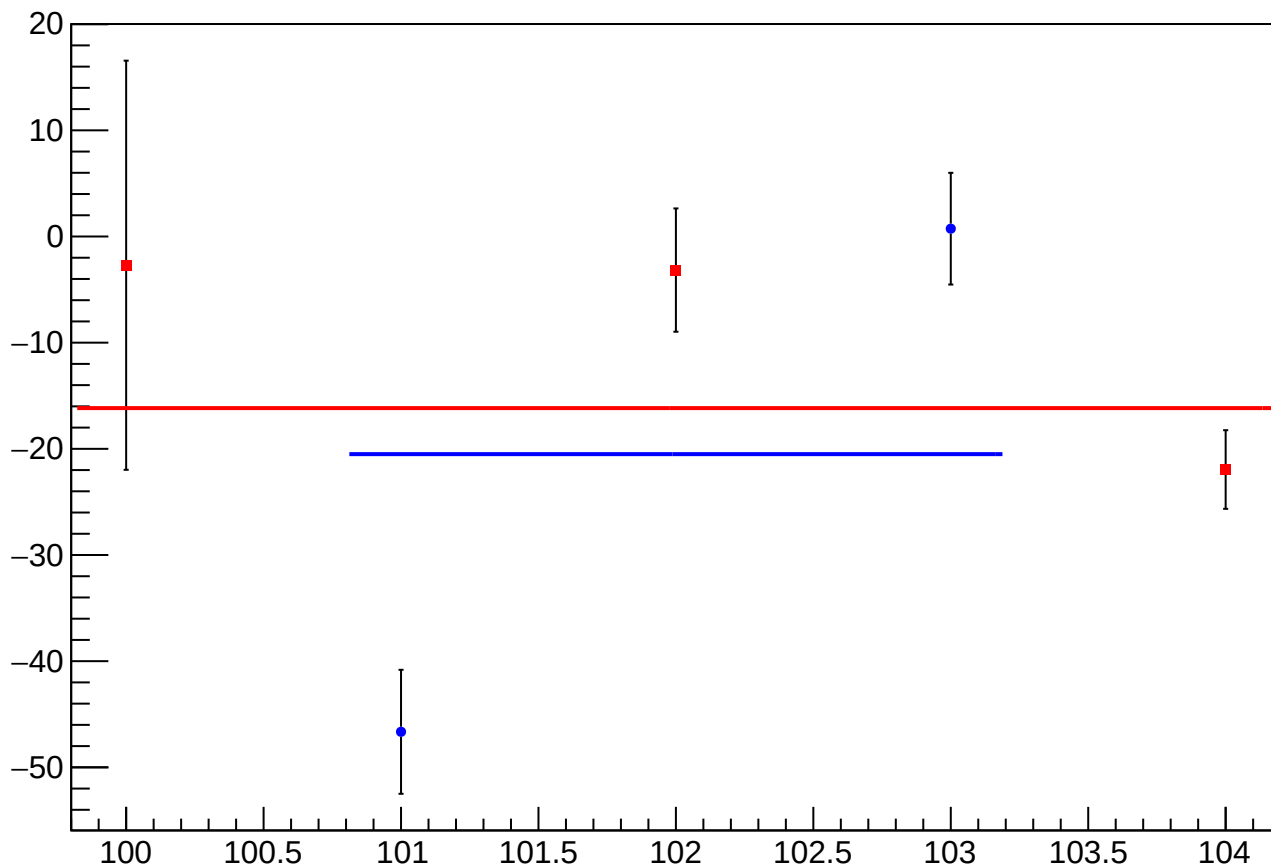
Right In: -83.792 ± 2.600 $\chi^2/\text{NDF}: 8.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -78.924 ± 2.231 $\chi^2/\text{NDF}: 25.8/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -20.500 $\pm$ 3.909 χ^2 /NDF: 36.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.164 $\pm$ 3.082 χ^2 /NDF: 7.9/2

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

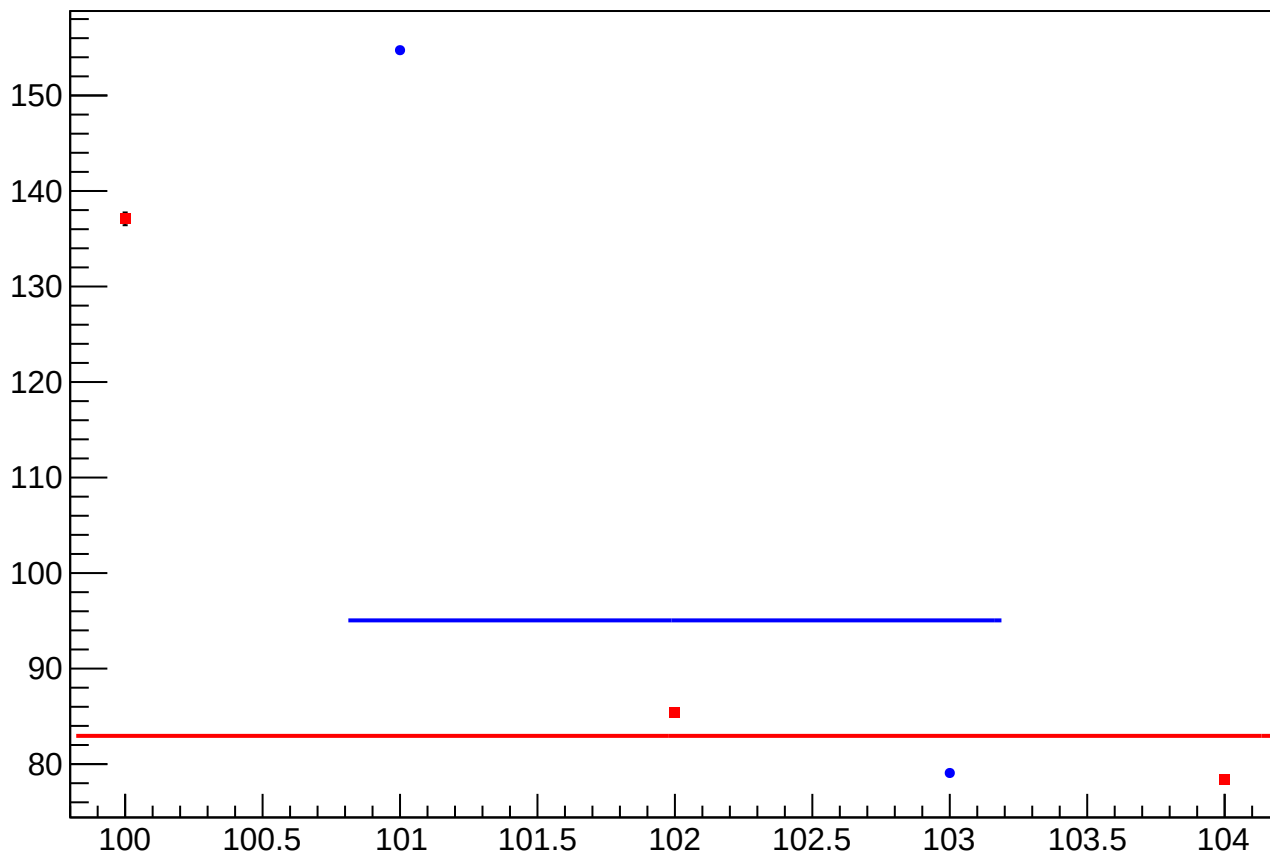
Right: -17.826 $\pm$ 2.420 χ^2 /NDF: 45.1/4

In: -20.500 $\pm$ 3.909 χ^2 /NDF:36.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.826 $\pm$ 2.420 χ^2 /NDF: 45.1/4

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: 82.956+/-0.103 χ^2/NDF : 7855.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

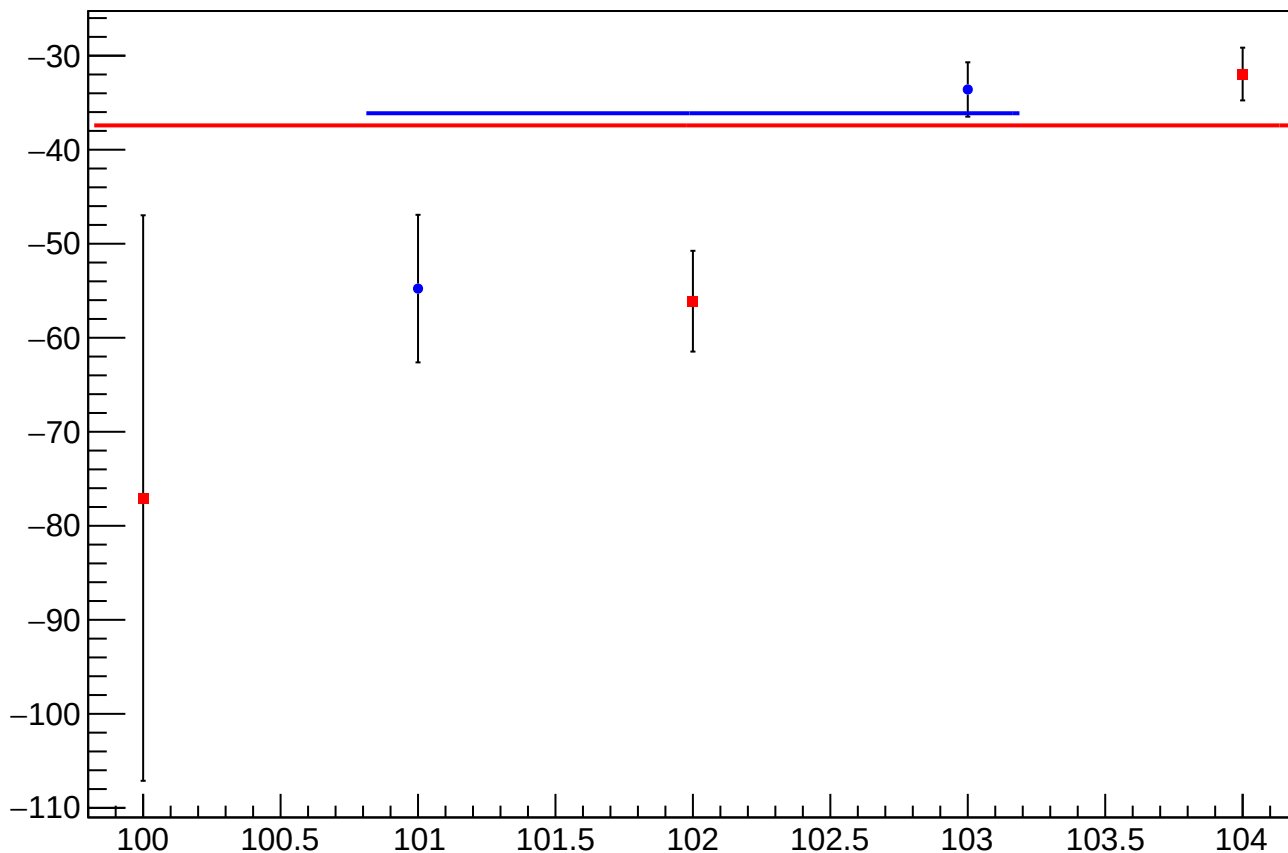
Right: 88.052+/-0.078 χ^2/NDF : 79547.8/4

In: 95.047+/-0.120 χ^2/NDF : 65853.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.052+/-0.078 χ^2/NDF : 79547.8/4

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.122 ± 2.712 $\chi^2/\text{NDF}: 6.4/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -37.414 ± 2.476 $\chi^2/\text{NDF}: 17.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

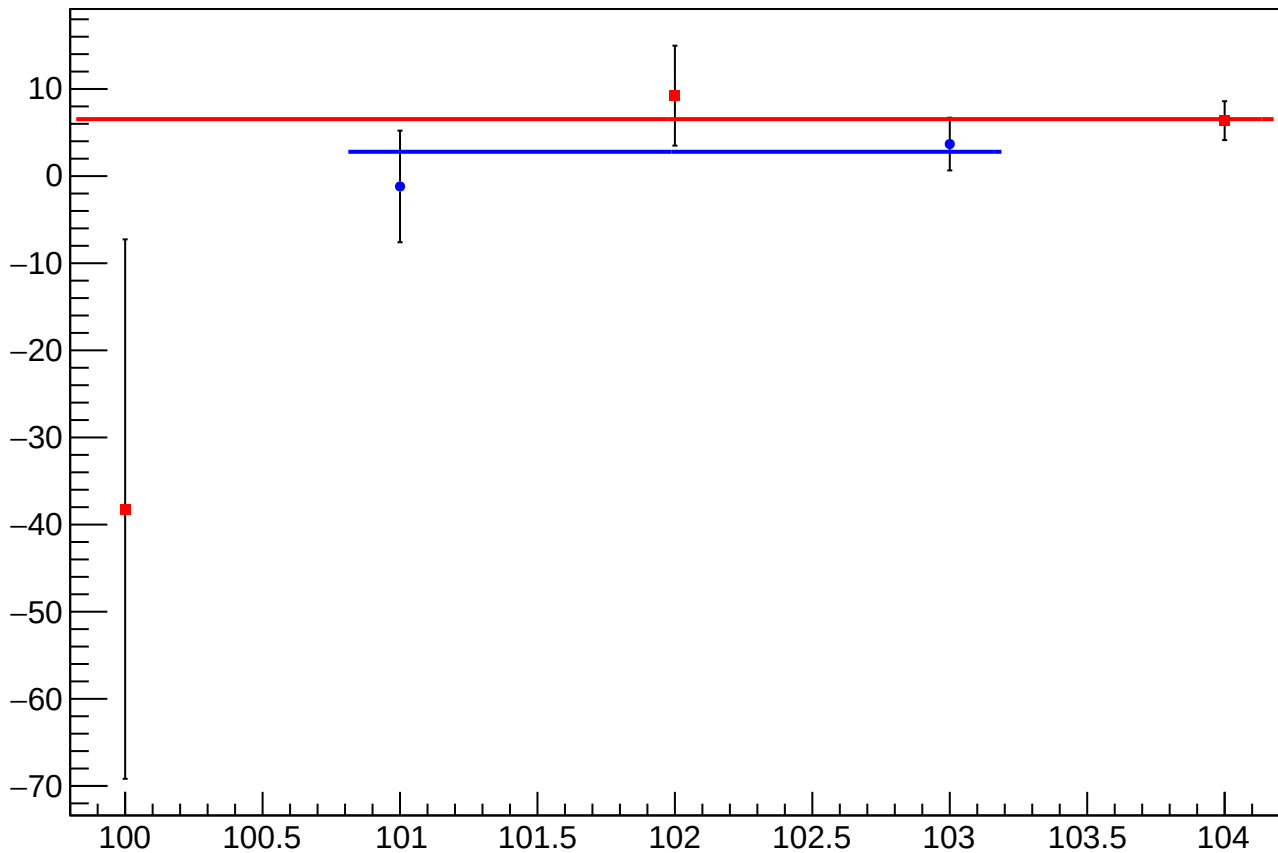
Right: -36.827 ± 1.828 $\chi^2/\text{NDF}: 24.2/4$

In: -36.122 ± 2.712 $\chi^2/\text{NDF}: 6.4/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.827 ± 1.828 $\chi^2/\text{NDF}: 24.2/4$

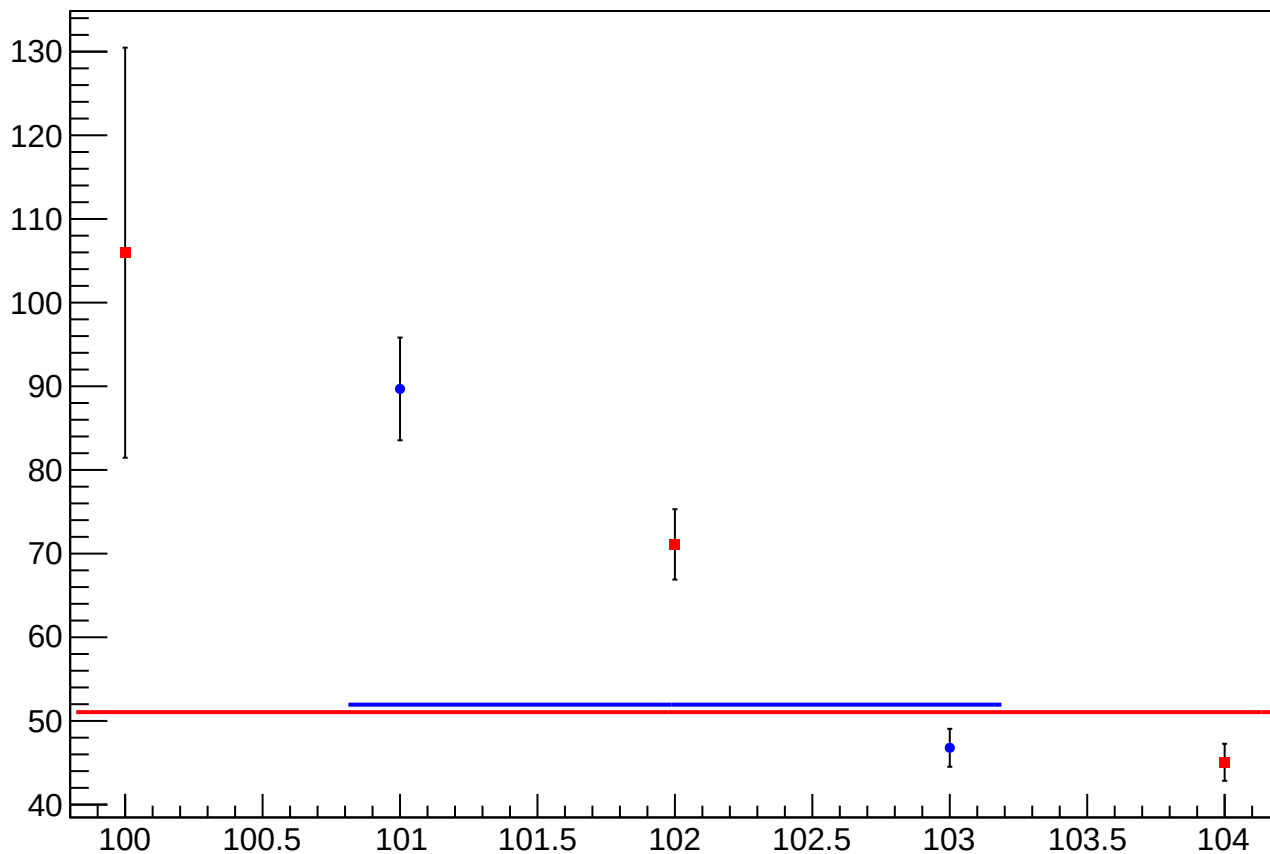
reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



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: 6.541+/-2.076 χ^2/NDF : 2.3/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.171+/-1.654 χ^2/NDF : 4.0/4
 In: 2.792+/-2.737 χ^2/NDF : 0.5/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 5.171+/-1.654 χ^2/NDF : 4.0/4

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 51.943+/-2.128 χ^2/NDF : 43.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.050+/-1.951 χ^2/NDF : 35.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

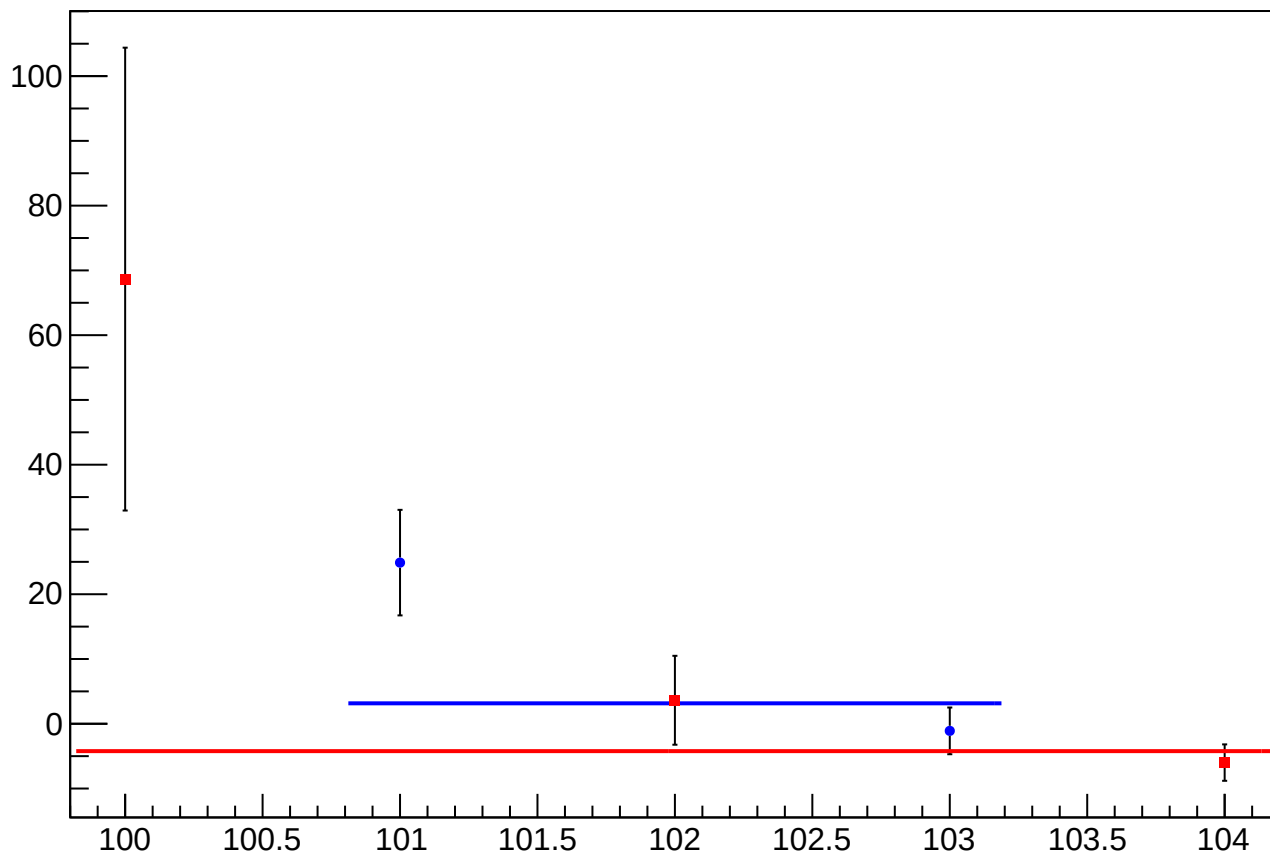
Right: 51.458+/-1.438 χ^2/NDF : 78.1/4

In: 51.943+/-2.128 χ^2/NDF : 43.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.458+/-1.438 χ^2/NDF : 78.1/4

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: -4.226+/-2.595 χ^2/NDF : 5.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

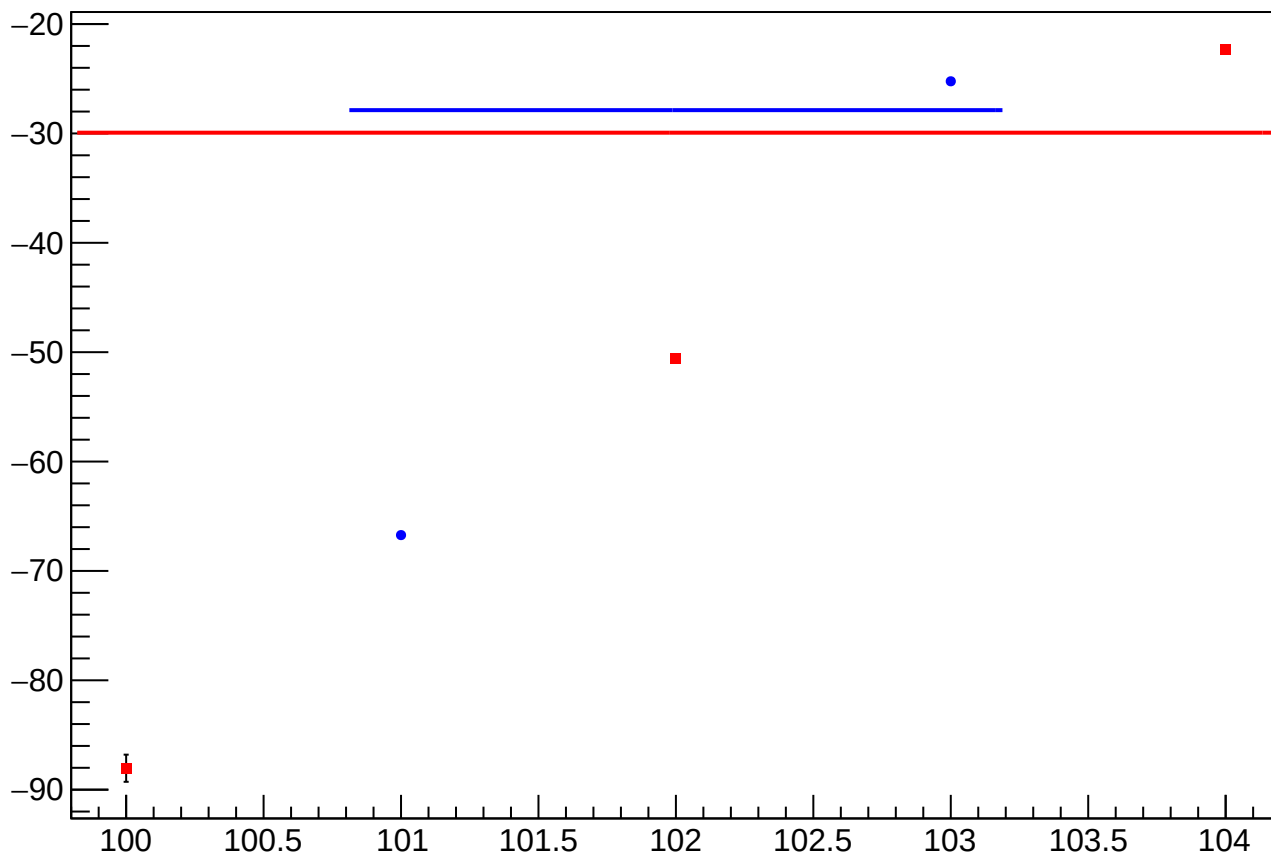
Right: -1.403+/-2.039 χ^2/NDF : 17.5/4

In: 3.155+/-3.297 χ^2/NDF : 8.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.403+/-2.039 χ^2/NDF : 17.5/4

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.871 ± 0.092 $\chi^2/\text{NDF}: 12205.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.932 ± 0.090 $\chi^2/\text{NDF}: 20662.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

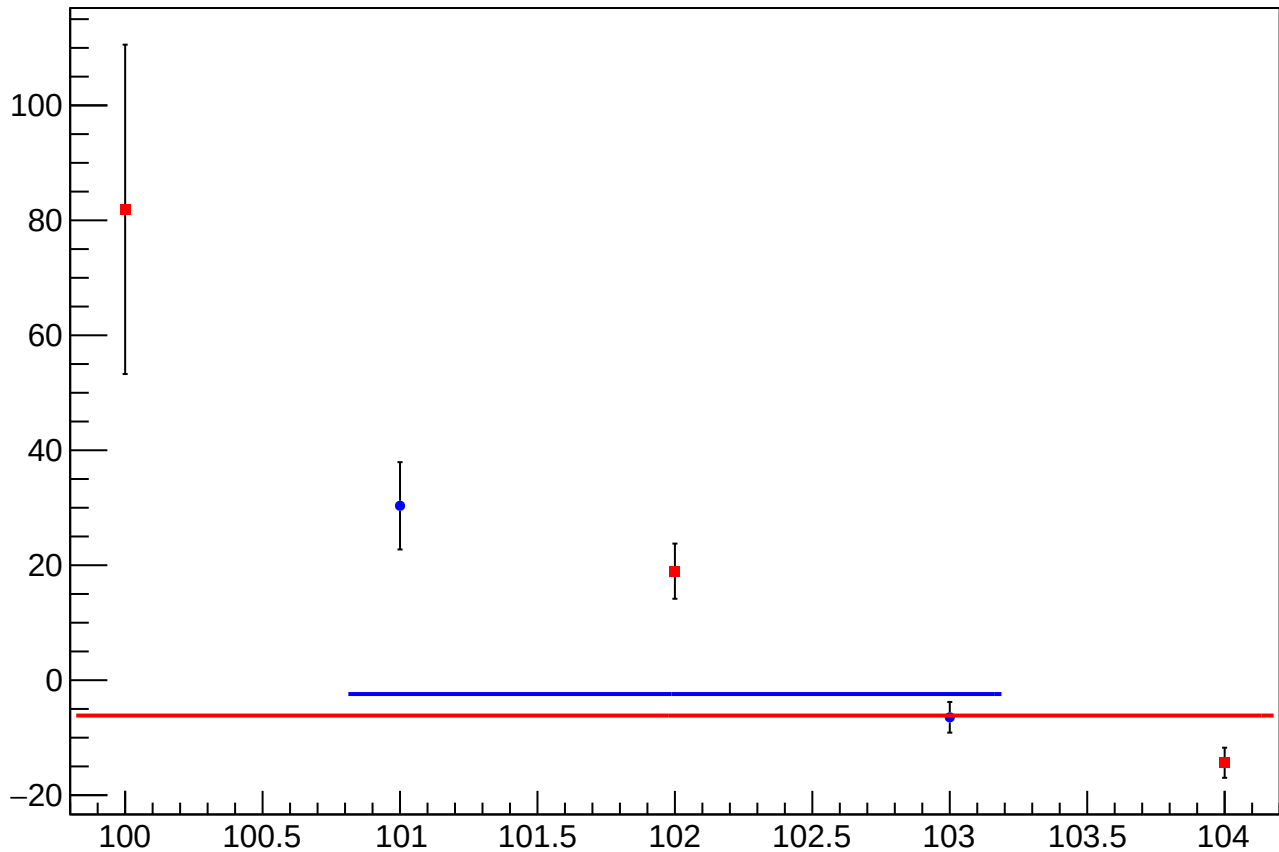
Right: -28.914 ± 0.064 $\chi^2/\text{NDF}: 33123.8/4$

In: -27.871 ± 0.092 $\chi^2/\text{NDF}: 12205.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.914 ± 0.064 $\chi^2/\text{NDF}: 33123.8/4$

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.408+/-2.519 χ^2 /NDF: 20.9/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.148+/-2.292 χ^2 /NDF: 46.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

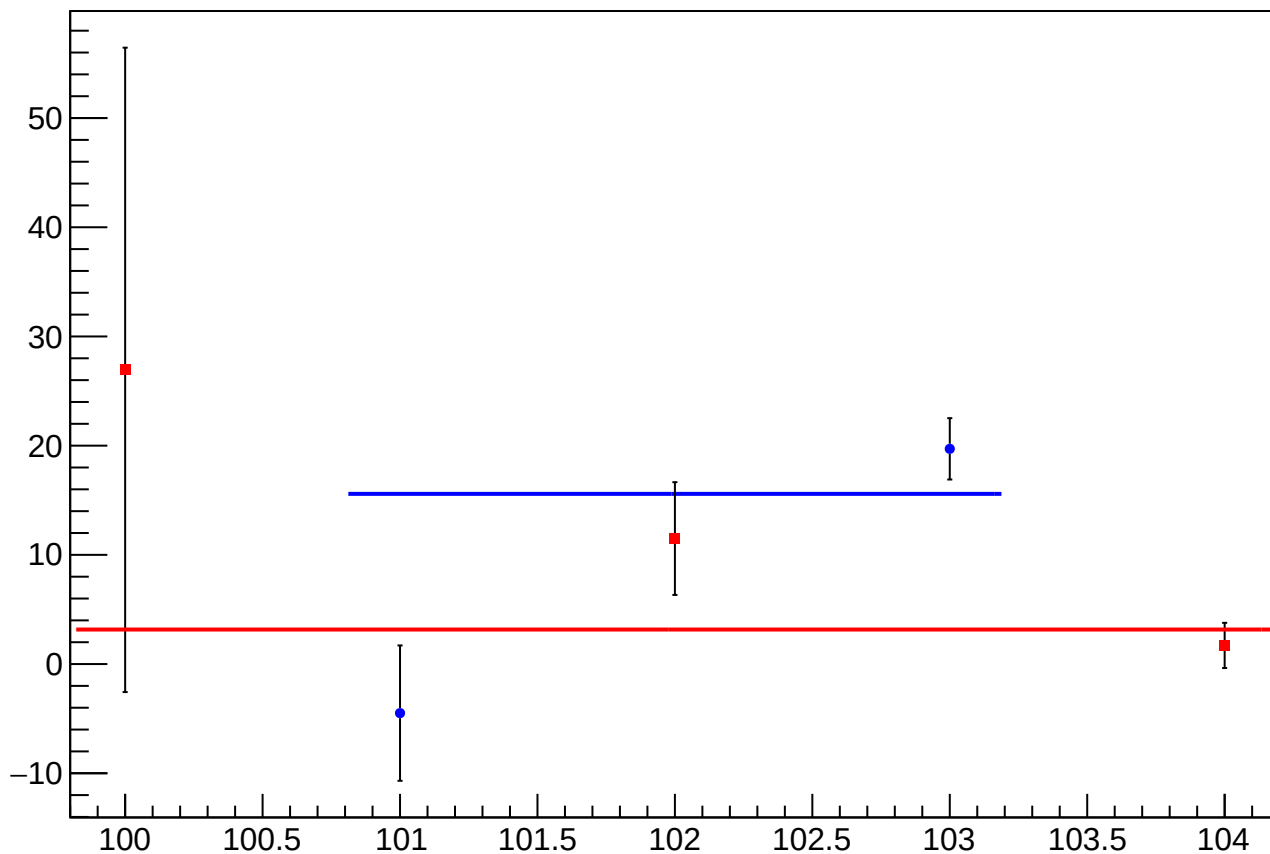
Right: -4.455+/-1.695 χ^2 /NDF: 68.7/4

In: -2.408+/-2.519 χ^2 /NDF:20.9/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.455+/-1.695 χ^2 /NDF: 68.7/4

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.585+/-2.558 χ^2/NDF : 12.7/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.162+/-1.917 χ^2/NDF : 3.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

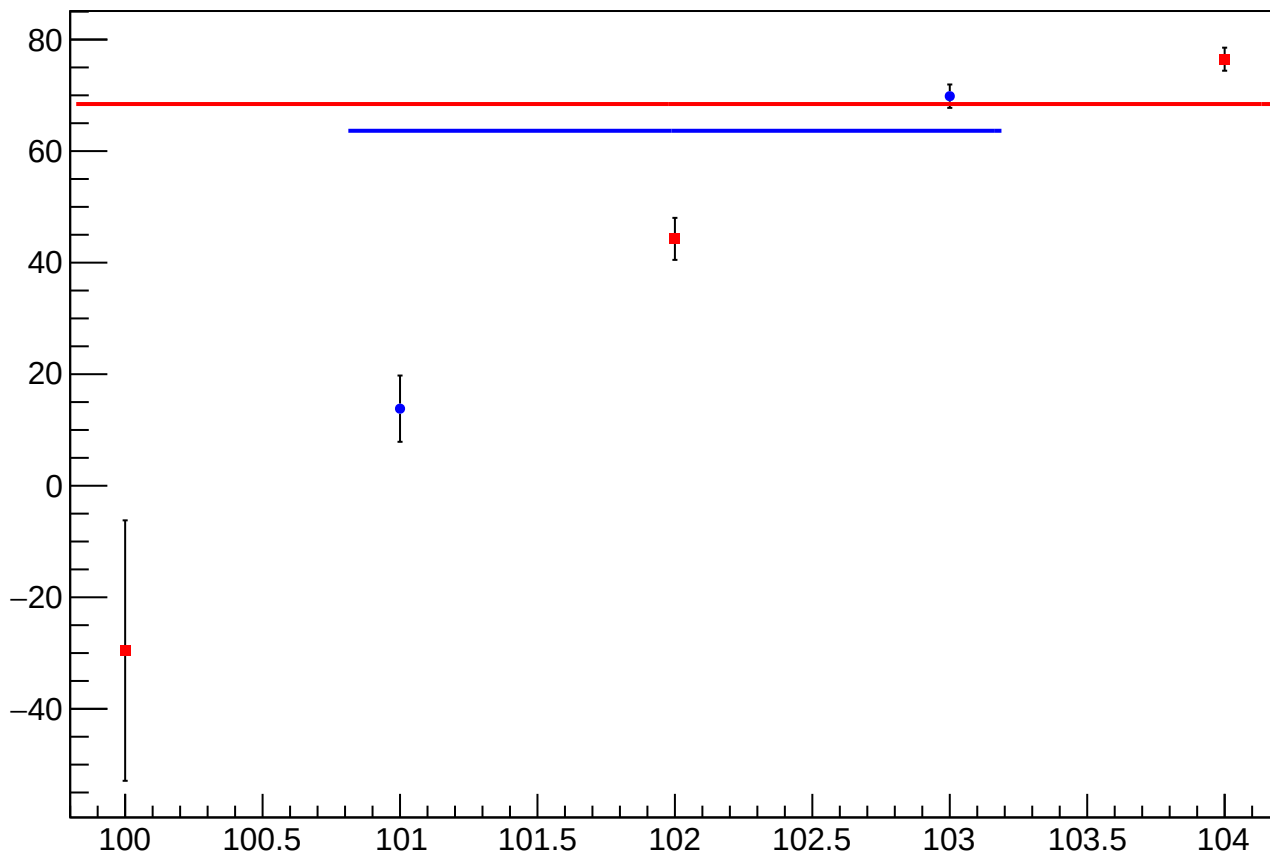
Right: 7.631+/-1.534 χ^2/NDF : 31.5/4

In: 15.585+/-2.558 χ^2/NDF : 12.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.631+/-1.534 χ^2/NDF : 31.5/4

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: 68.439 ± 1.806 $\chi^2/\text{NDF}: 73.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

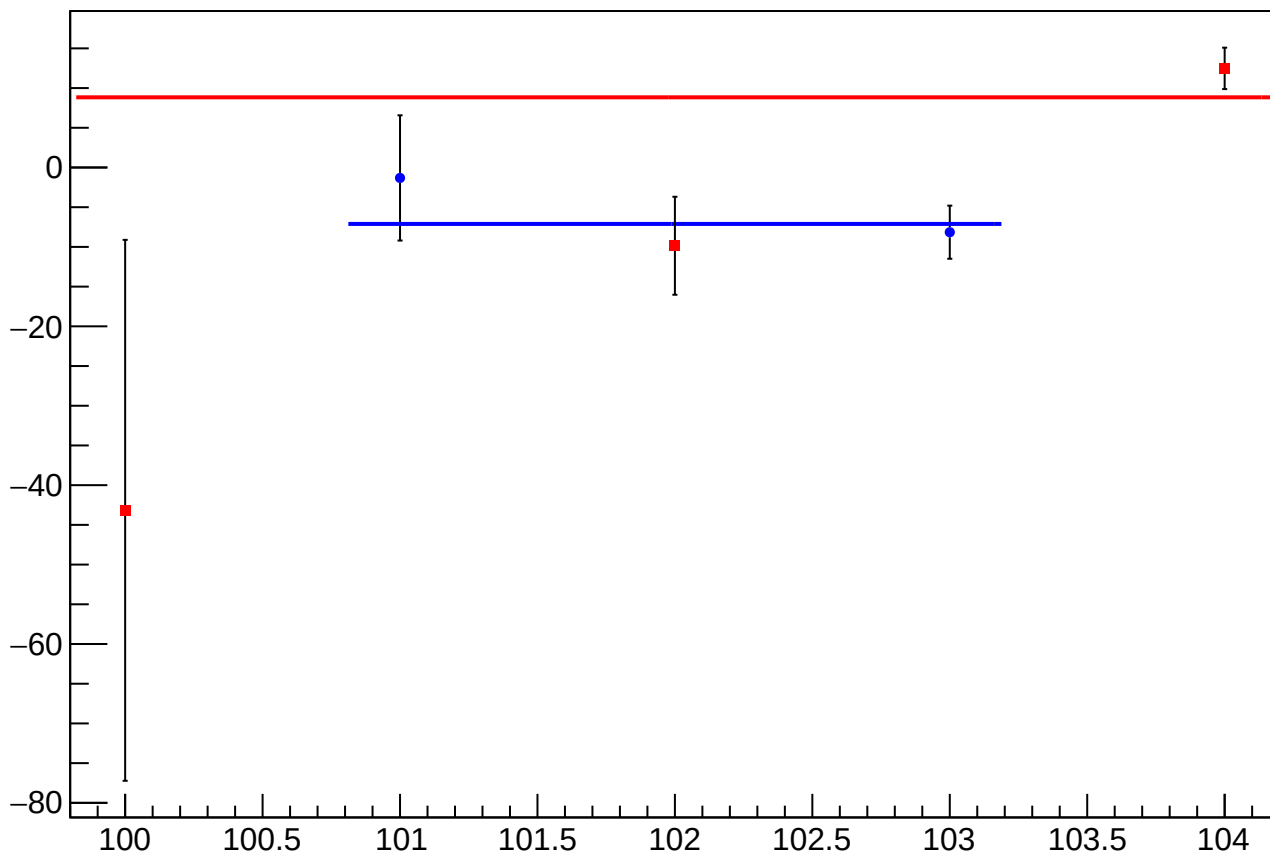
Right: 66.258 ± 1.333 $\chi^2/\text{NDF}: 156.2/4$

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: 66.258 ± 1.333 $\chi^2/\text{NDF}: 156.2/4$

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -7.107+/-3.079 χ^2/NDF : 0.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.834+/-2.396 χ^2/NDF : 13.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

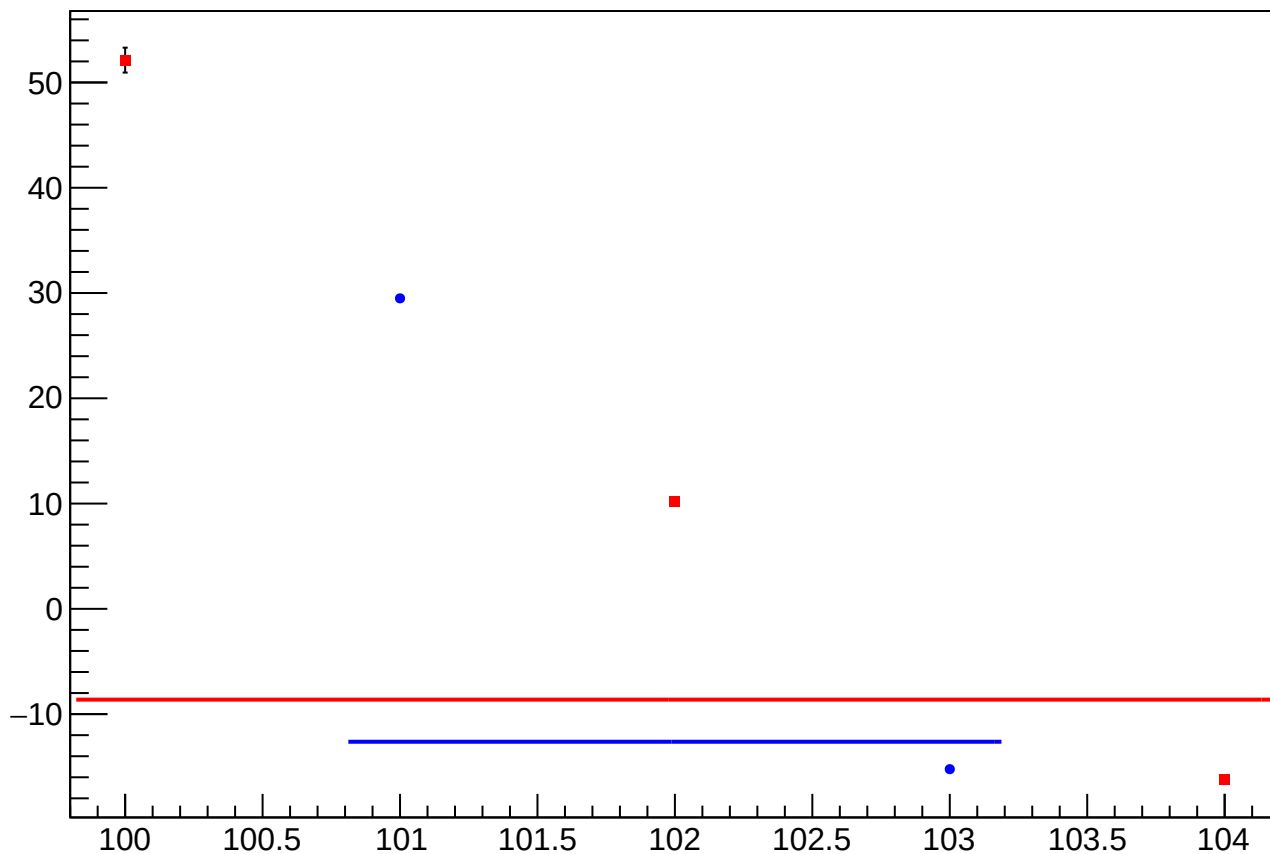
Right: 2.820+/-1.891 χ^2/NDF : 30.8/4

In: -7.107+/-3.079 χ^2/NDF : 0.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.820+/-1.891 χ^2/NDF : 30.8/4

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: -8.624+/-0.084 χ^2/NDF : 22477.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

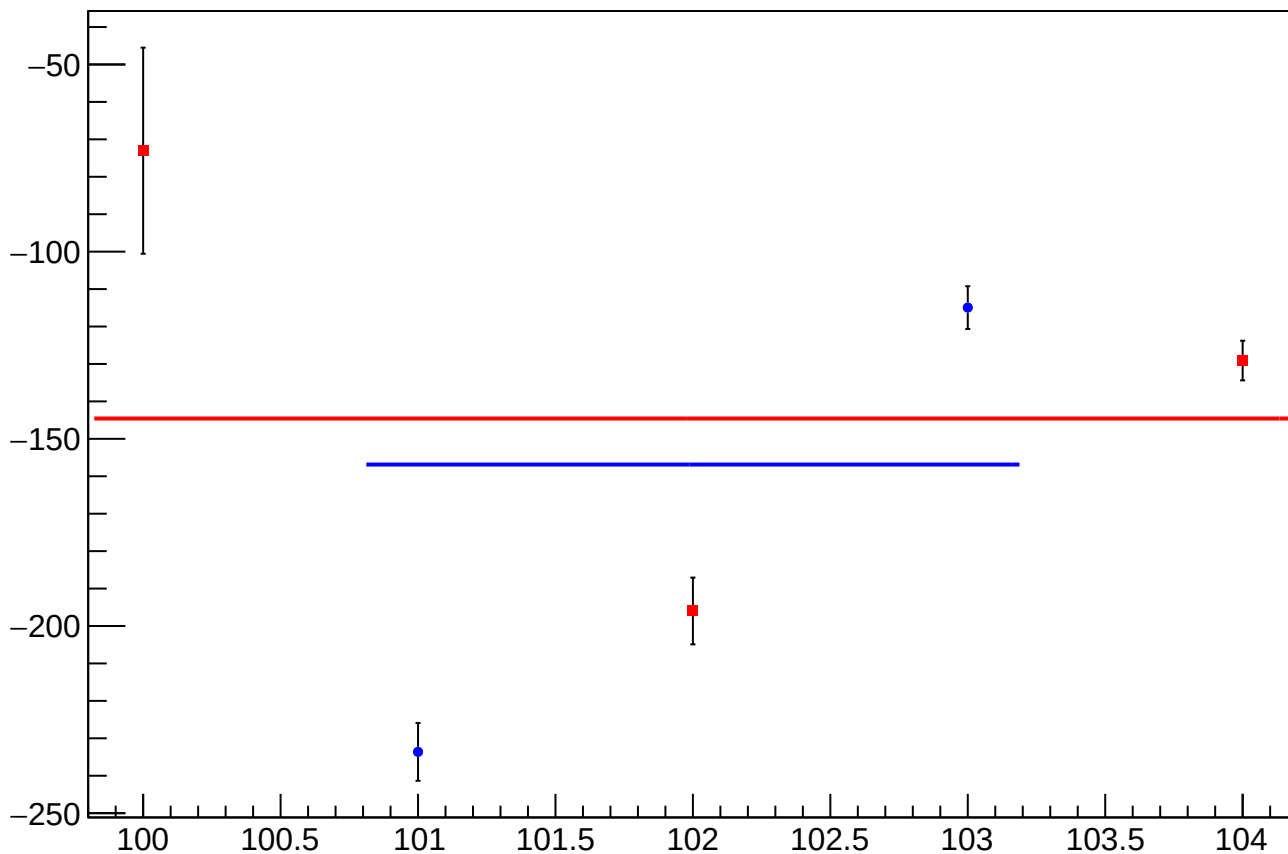
Right: -10.599+/-0.060 χ^2/NDF : 38845.7/4

In: -12.625+/-0.085 χ^2/NDF : 15241.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.599+/-0.060 χ^2/NDF : 38845.7/4

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: -144.574+/-4.492 χ^2 /NDF: 48.6/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

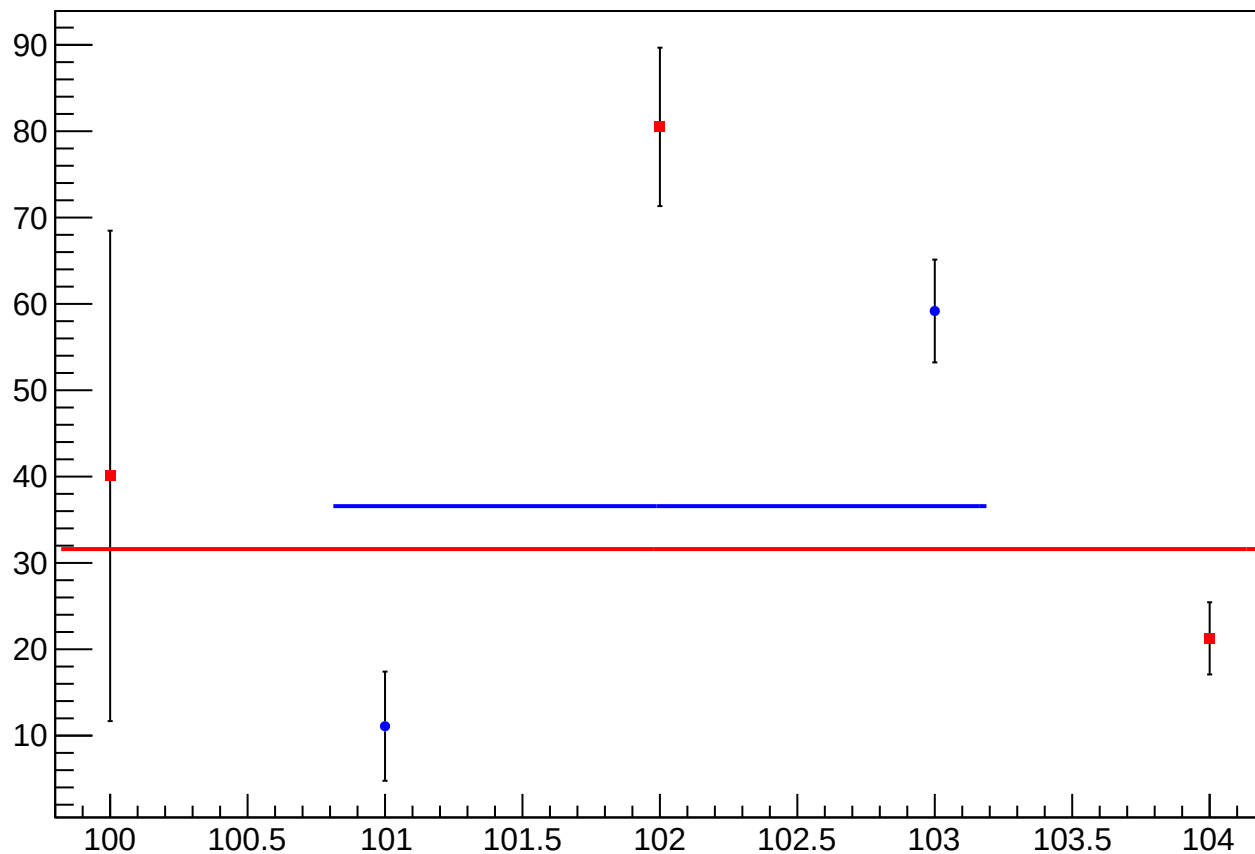
Right: -150.587+/-3.211 χ^2 /NDF: 204.9/4

In: -156.869+/-4.591 χ^2 /NDF:152.7/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -150.587+/-3.211 χ^2 /NDF: 204.9/4

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: 31.606+/-3.771 χ^2/NDF : 34.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

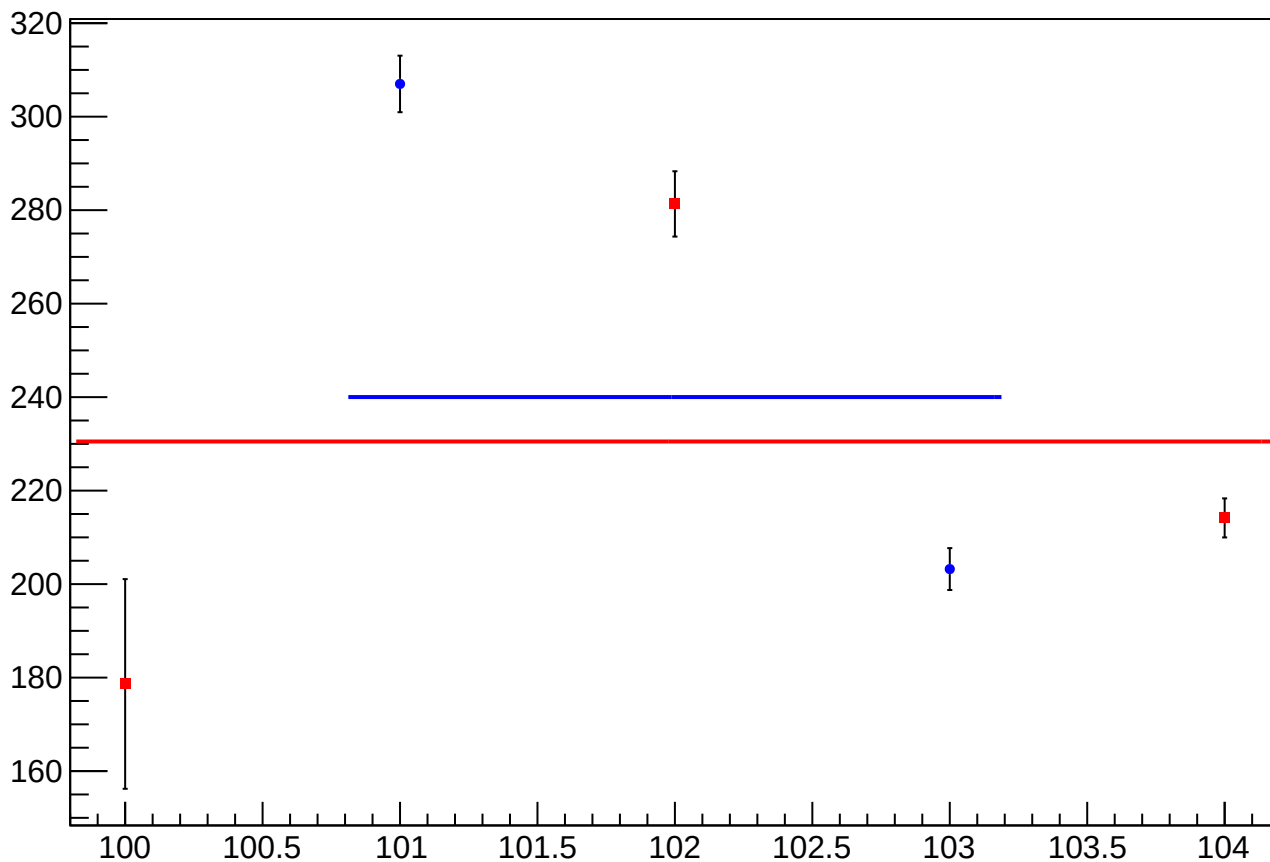
Right: 33.748+/-2.845 χ^2/NDF : 66.0/4

In: 36.578+/-4.334 χ^2/NDF : 30.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.748+/-2.845 χ^2/NDF : 66.0/4

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: 230.511 $\pm$ 3.540 χ^2 /NDF: 73.6/2

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

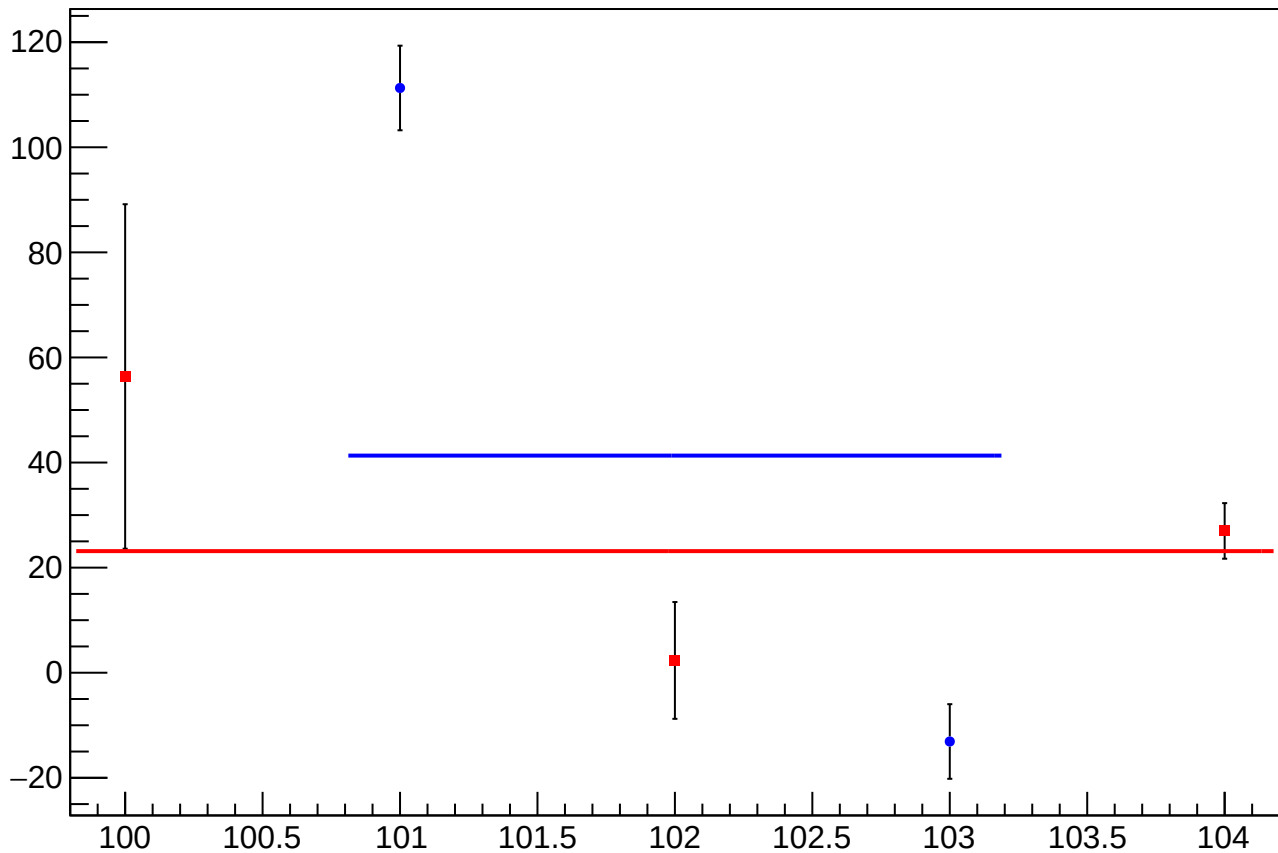
Right: 235.185 $\pm$ 2.524 χ^2 /NDF: 267.3/4

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: 235.185 $\pm$ 2.524 χ^2 /NDF: 267.3/4

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.143+/-4.725 χ^2/NDF : 5.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

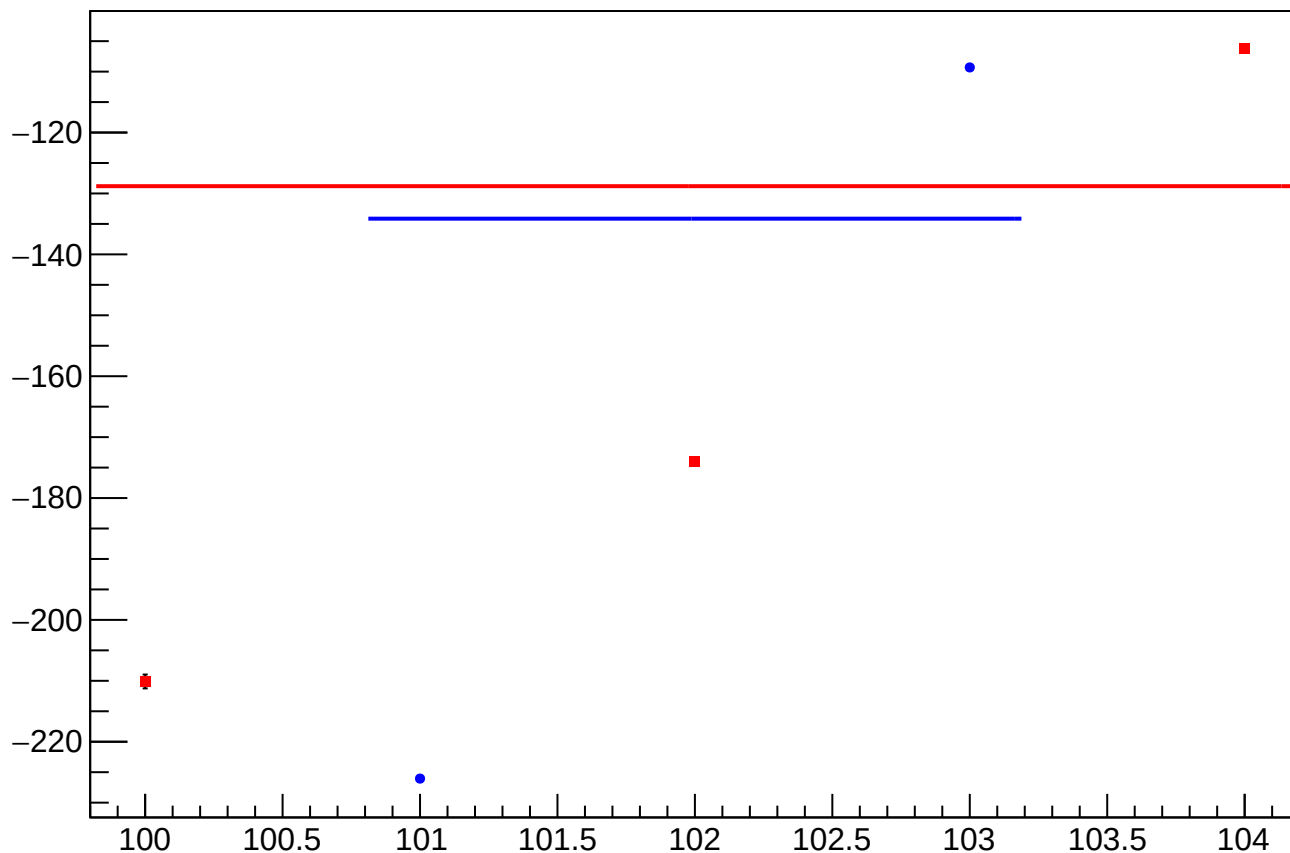
Right: 31.151+/-3.535 χ^2/NDF : 145.8/4

In: 41.321+/-5.325 χ^2/NDF : 134.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.151+/-3.535 χ^2/NDF : 145.8/4

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: -128.806+/-0.166 χ^2/NDF : 39771.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

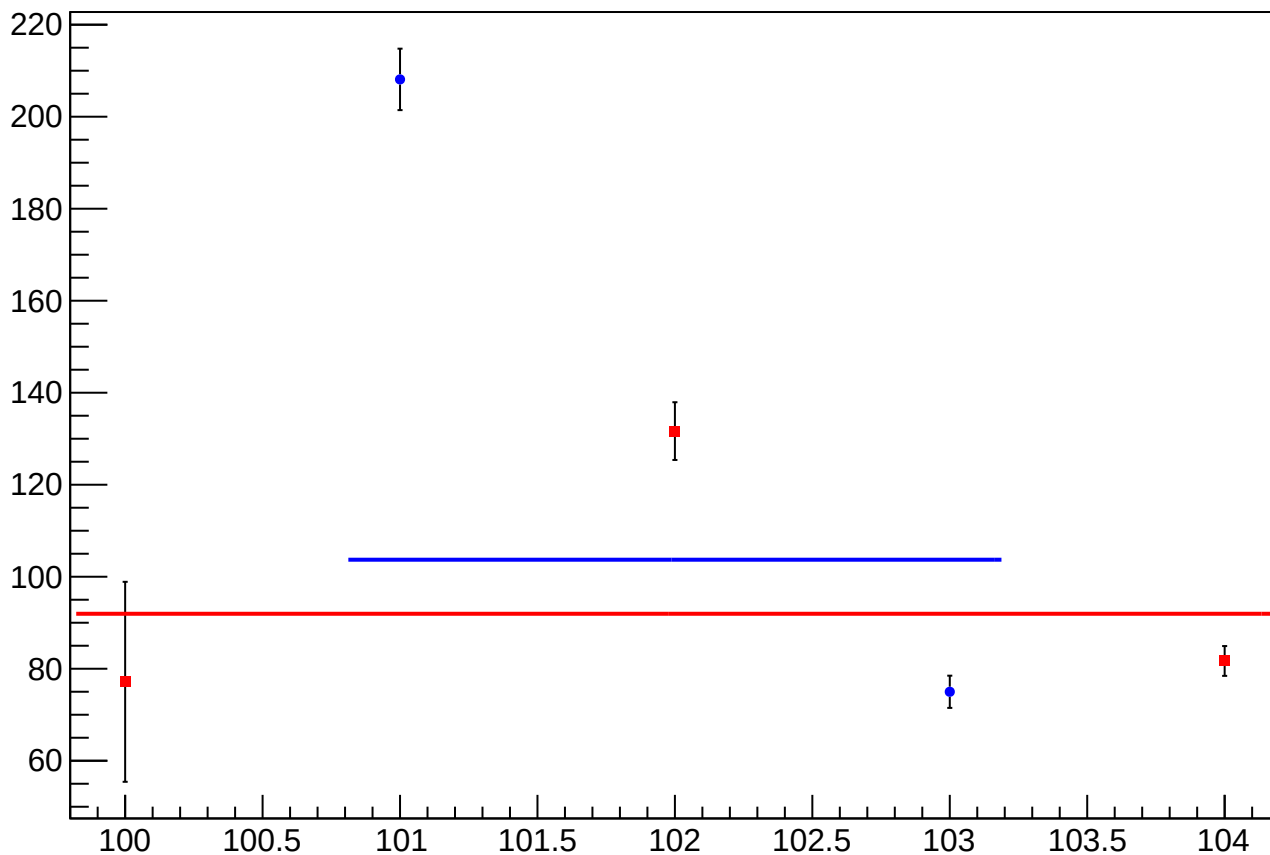
Right: -131.469+/-0.118 χ^2/NDF : 122752.3/4

In: -134.139+/-0.166 χ^2/NDF : 82466.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.469+/-0.118 χ^2/NDF : 122752.3/4

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: 91.949+/-2.854 χ^2/NDF : 50.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

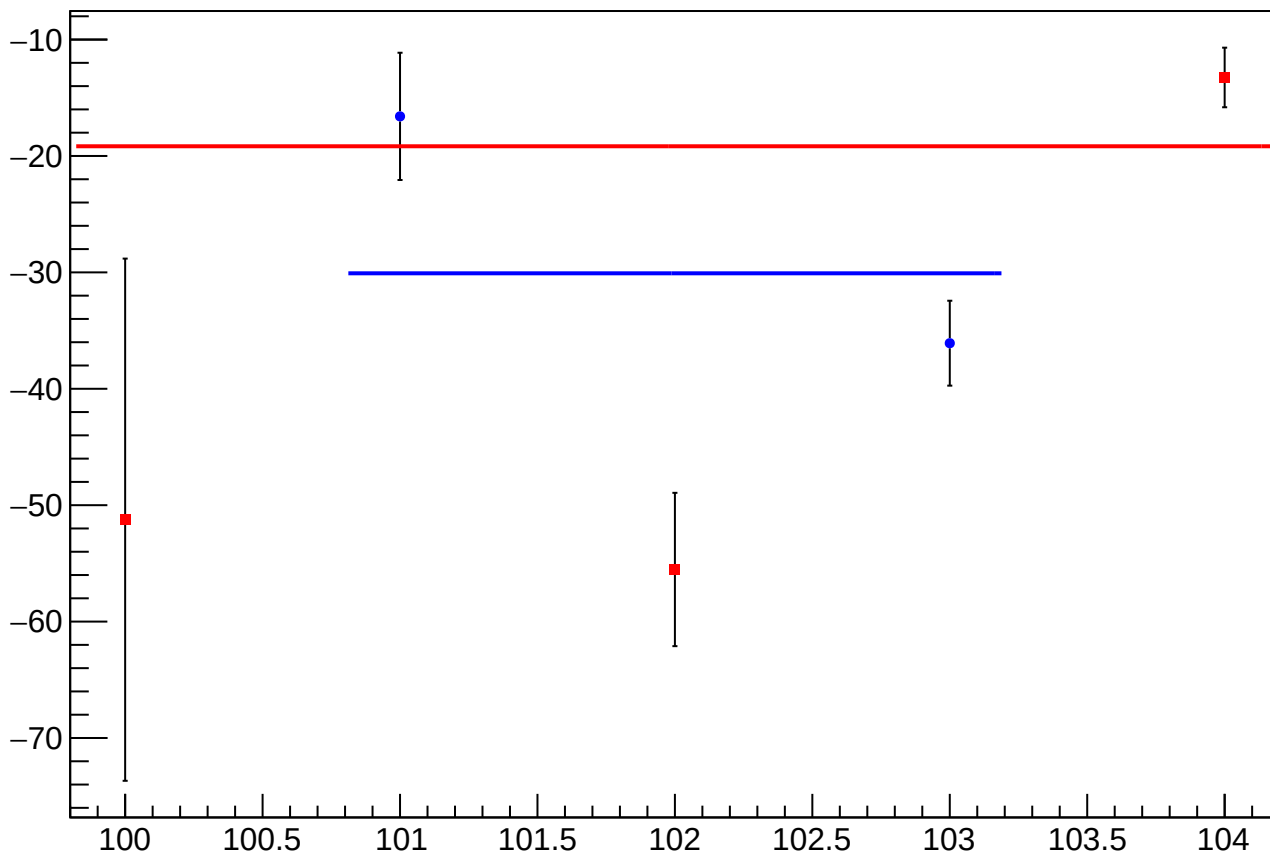
Right: 97.337+/-2.100 χ^2/NDF : 369.9/4

In: 103.699+/-3.102 χ^2/NDF : 311.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.337+/-2.100 χ^2/NDF : 369.9/4

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: -19.167+/-2.372 χ^2/NDF : 37.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

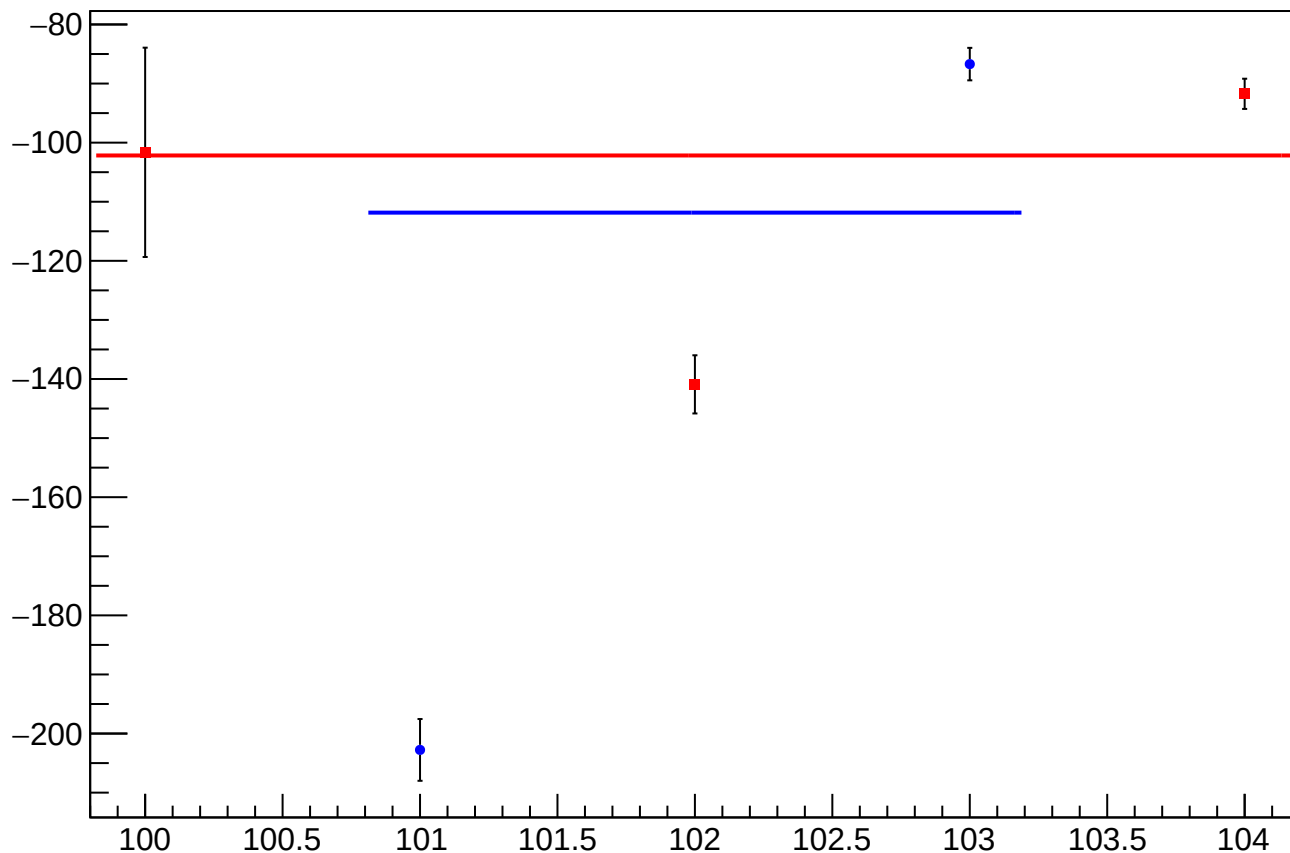
Right: -23.308+/-1.869 χ^2/NDF : 54.7/4

In: -30.080+/-3.034 χ^2/NDF : 8.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.308+/-1.869 χ^2/NDF : 54.7/4

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: -102.170+/-2.250 χ^2/NDF : 78.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

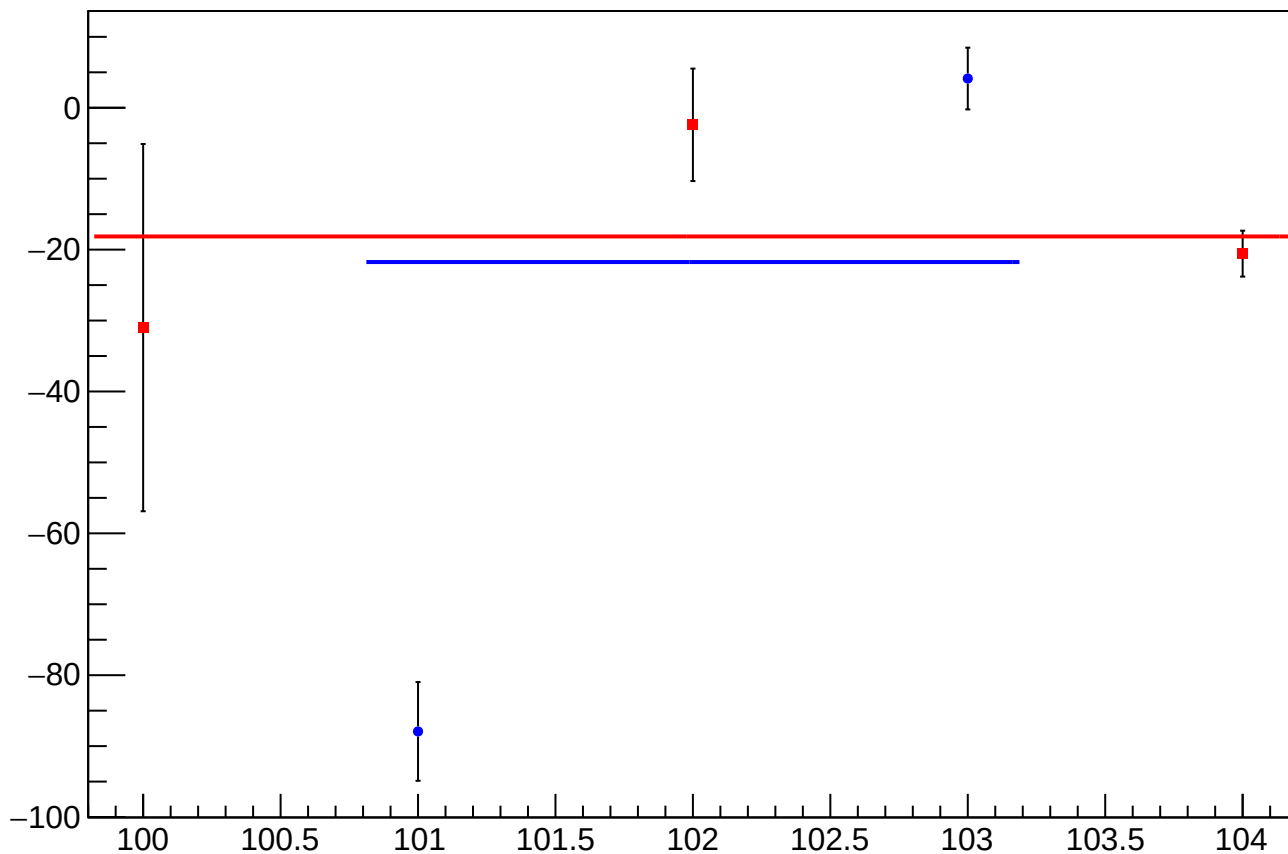
Right: -106.630+/-1.652 χ^2/NDF : 473.4/4

In: -111.843+/-2.433 χ^2/NDF : 386.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.630+/-1.652 χ^2/NDF : 473.4/4

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: -18.143+/-2.977 χ^2/NDF : 4.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

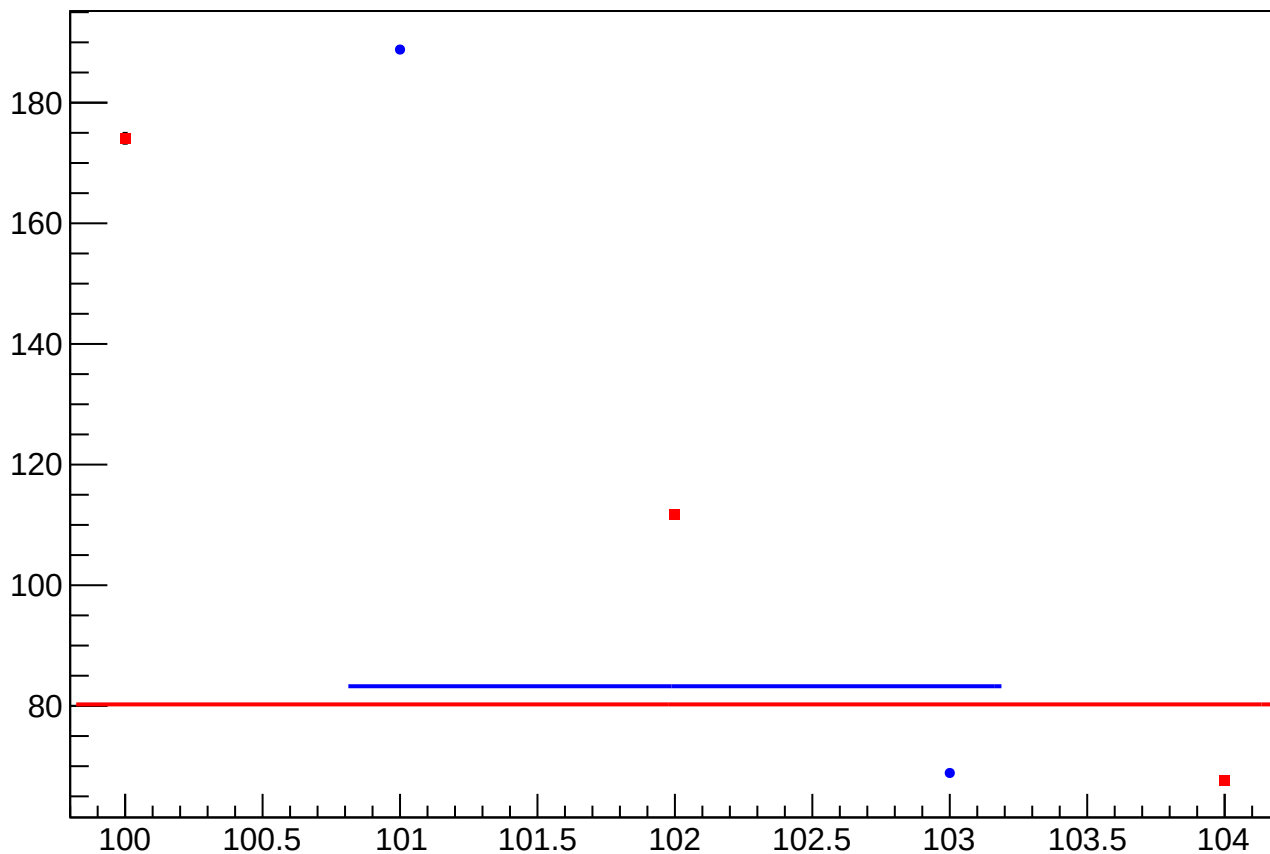
Right: -19.565+/-2.317 χ^2/NDF : 131.0/4

In: -21.751+/-3.691 χ^2/NDF : 125.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.565+/-2.317 χ^2/NDF : 131.0/4

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 83.254 ± 0.108 $\chi^2/\text{NDF}: 130194.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 80.247 ± 0.106 $\chi^2/\text{NDF}: 43494.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

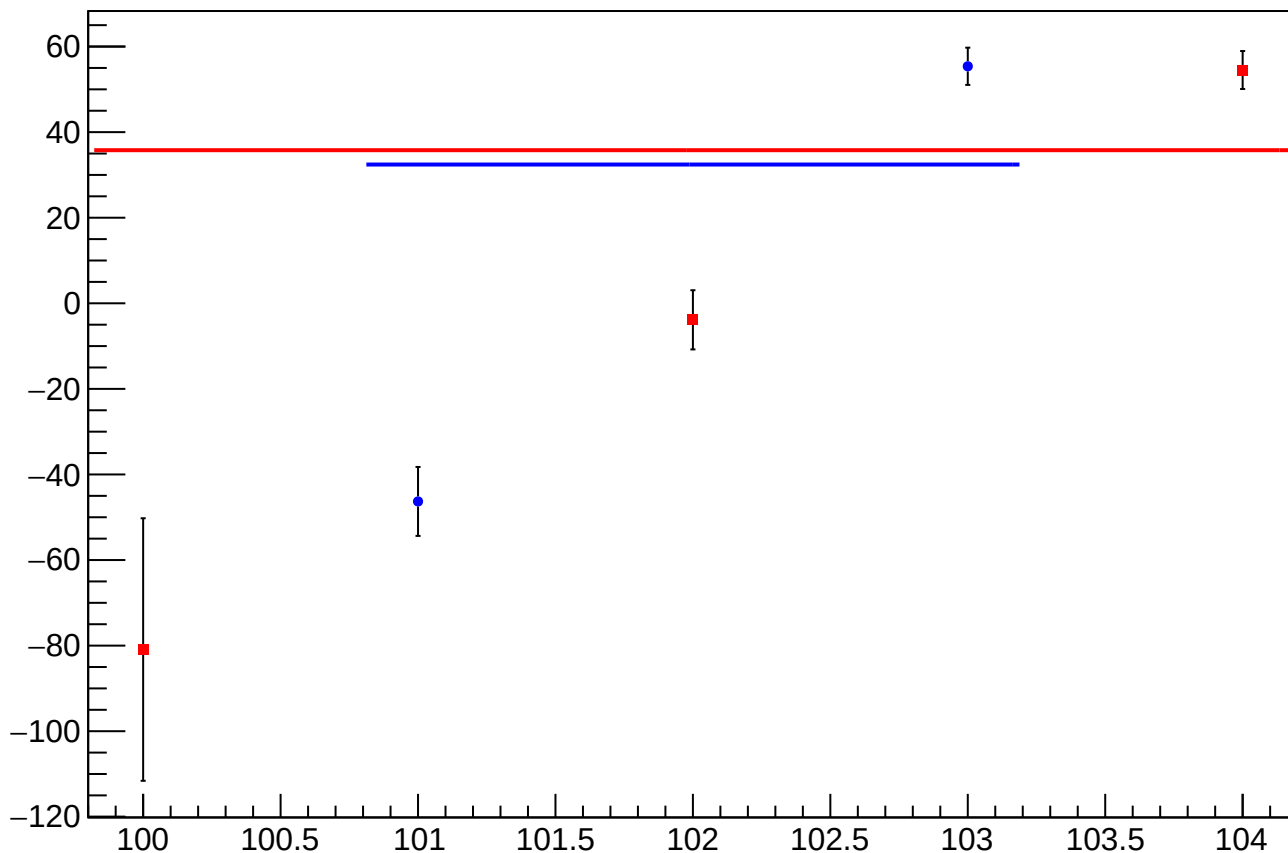
Right: 81.721 ± 0.076 $\chi^2/\text{NDF}: 174084.7/4$

In: 83.254 ± 0.108 $\chi^2/\text{NDF}: 130194.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 81.721 ± 0.076 $\chi^2/\text{NDF}: 174084.7/4$

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: 35.780+/-3.706 χ^2/NDF : 65.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

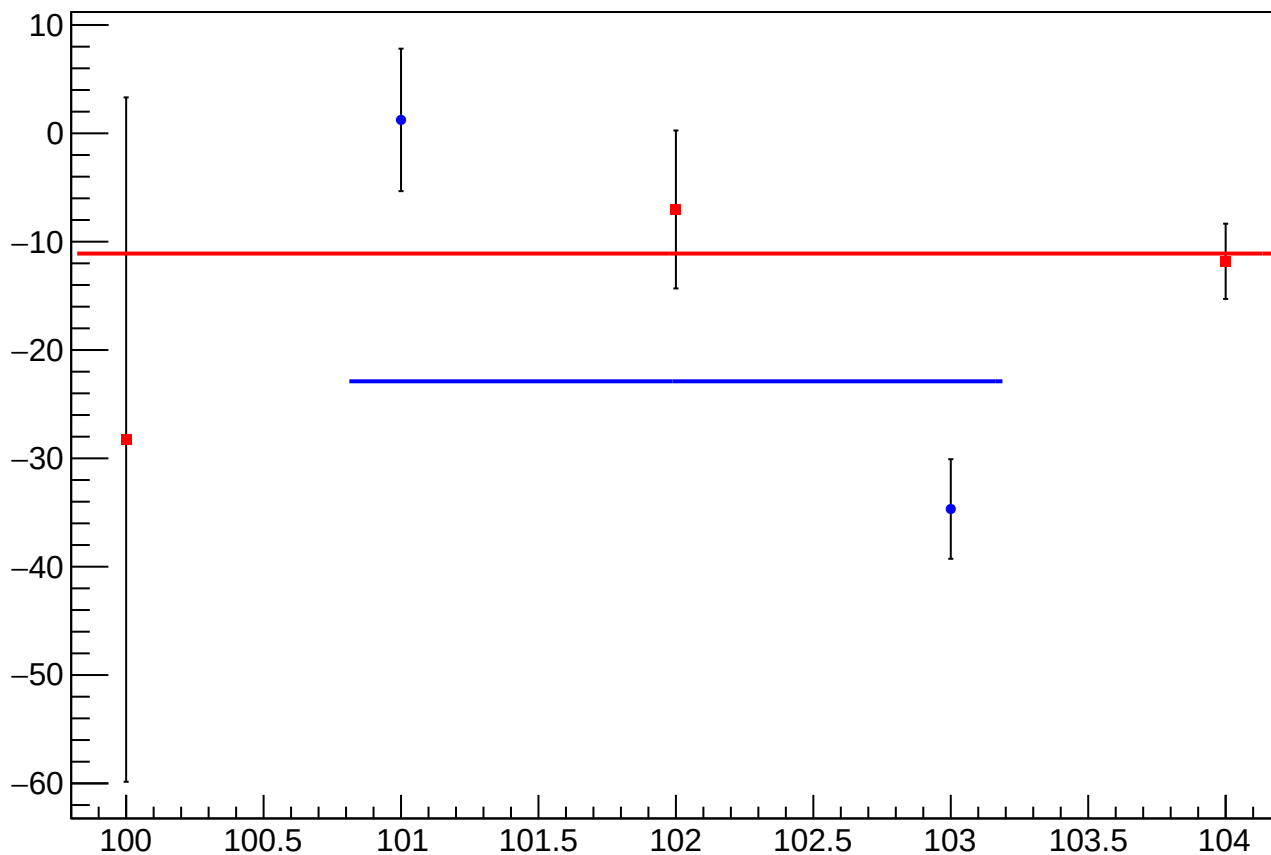
Right: 34.159+/-2.663 χ^2/NDF : 188.9/4

In: 32.428+/-3.828 χ^2/NDF : 123.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.159+/-2.663 χ^2/NDF : 188.9/4

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -22.888 $\pm$ 3.767 χ^2 /NDF: 20.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.096 $\pm$ 3.119 χ^2 /NDF: 0.6/2

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

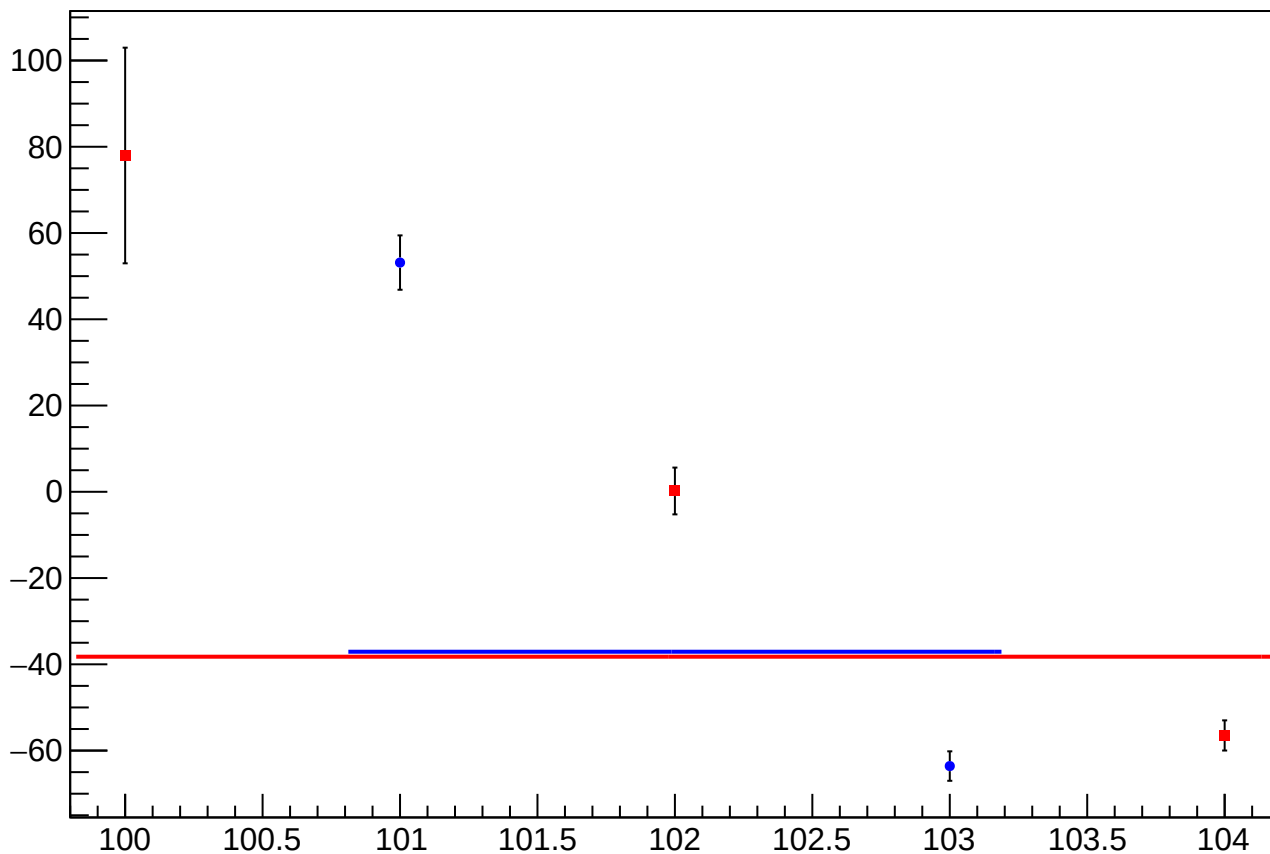
Right: -15.893 $\pm$ 2.403 χ^2 /NDF: 26.5/4

In: -22.888 $\pm$ 3.767 χ^2 /NDF:20.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.893 $\pm$ 2.403 χ^2 /NDF: 26.5/4

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.081 ± 3.003 $\chi^2/\text{NDF}: 265.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.235 ± 2.920 $\chi^2/\text{NDF}: 99.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

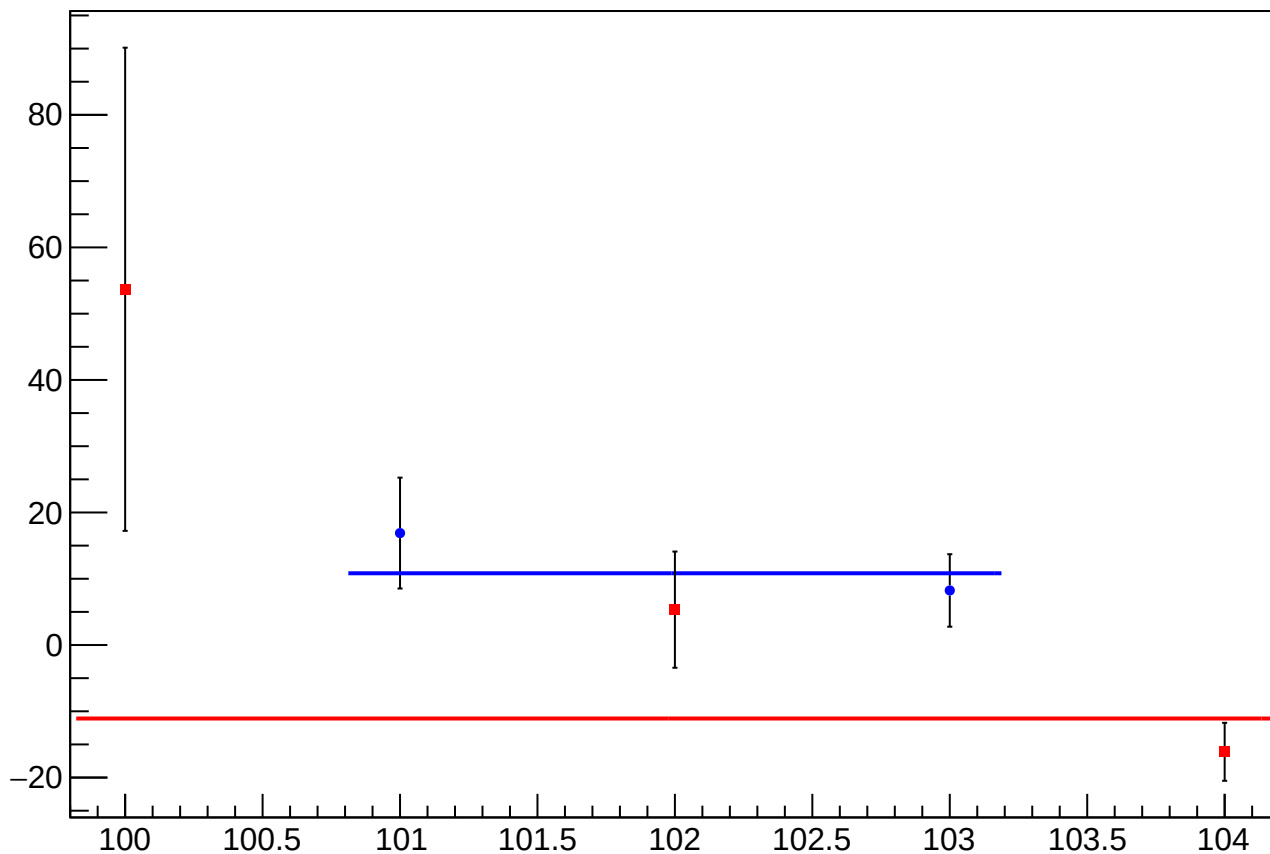
Right: -37.675 ± 2.093 $\chi^2/\text{NDF}: 364.3/4$

In: -37.081 ± 3.003 $\chi^2/\text{NDF}: 265.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -37.675 ± 2.093 $\chi^2/\text{NDF}: 364.3/4$

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: -11.089+/-3.893 χ^2/NDF : 8.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

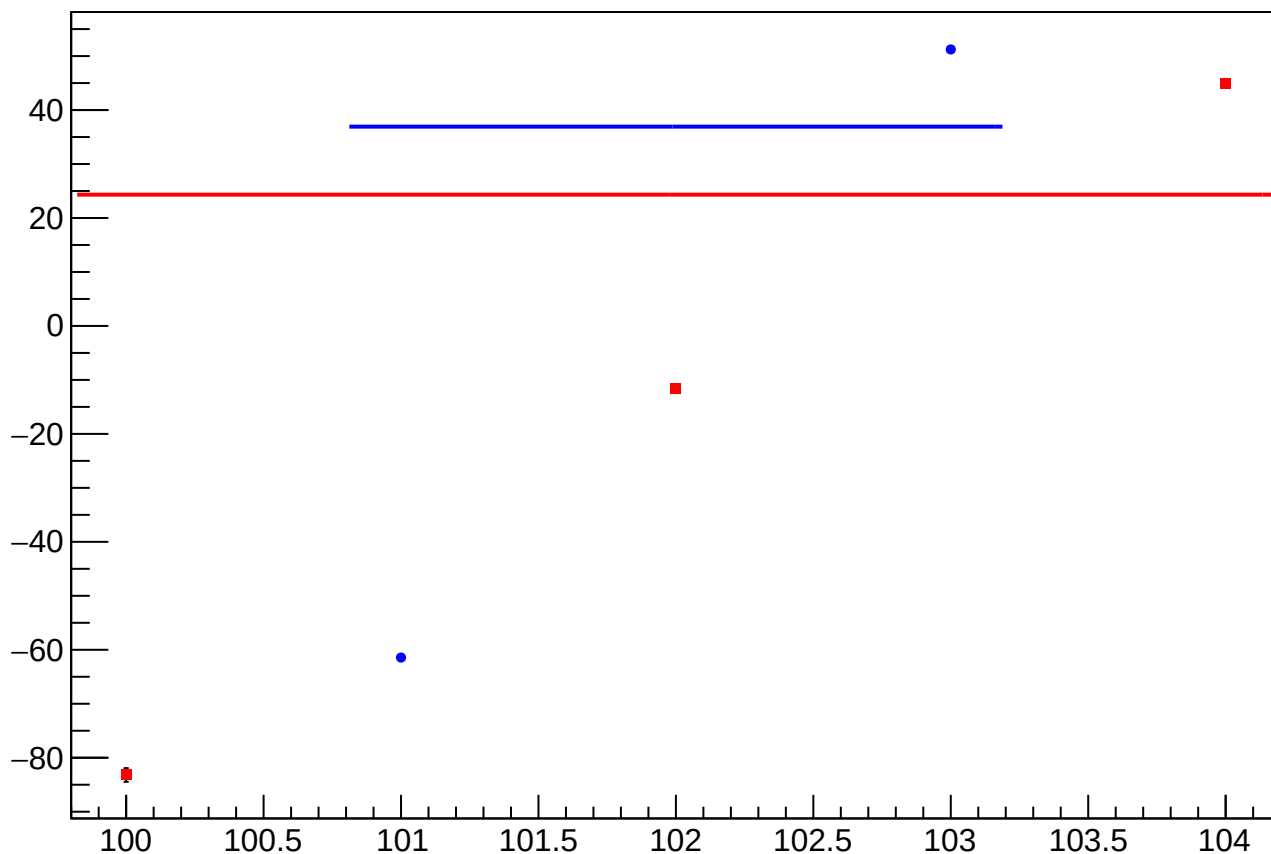
Right: -1.893+/-2.966 χ^2/NDF : 22.0/4

In: 10.827+/-4.578 χ^2/NDF : 0.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.893+/-2.966 χ^2/NDF : 22.0/4

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: 24.324+/-0.135 χ^2/NDF : 46177.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

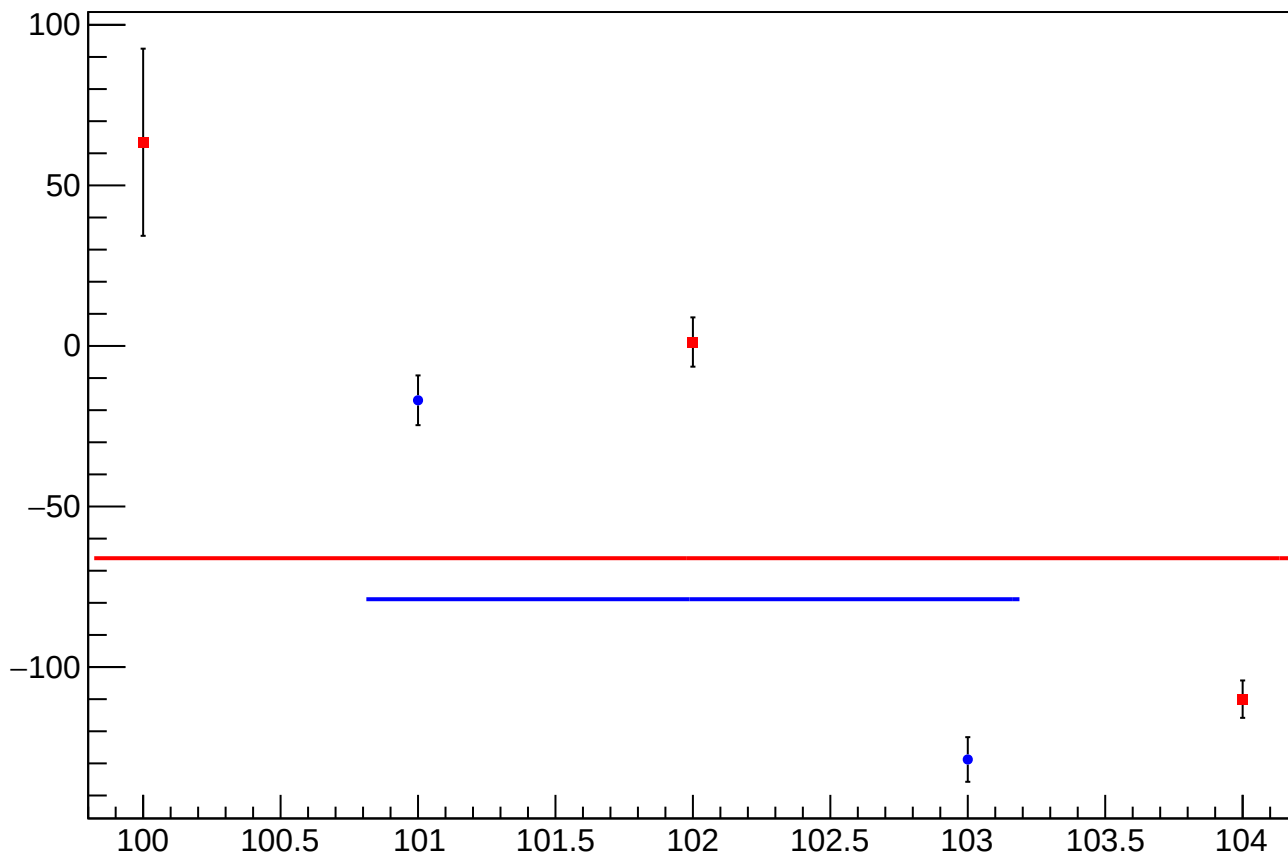
Right: 30.722+/-0.095 χ^2/NDF : 130219.4/4

In: 36.926+/-0.133 χ^2/NDF : 79617.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.722+/-0.095 χ^2/NDF : 130219.4/4

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: -66.102+/-4.580 χ^2/NDF : 153.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

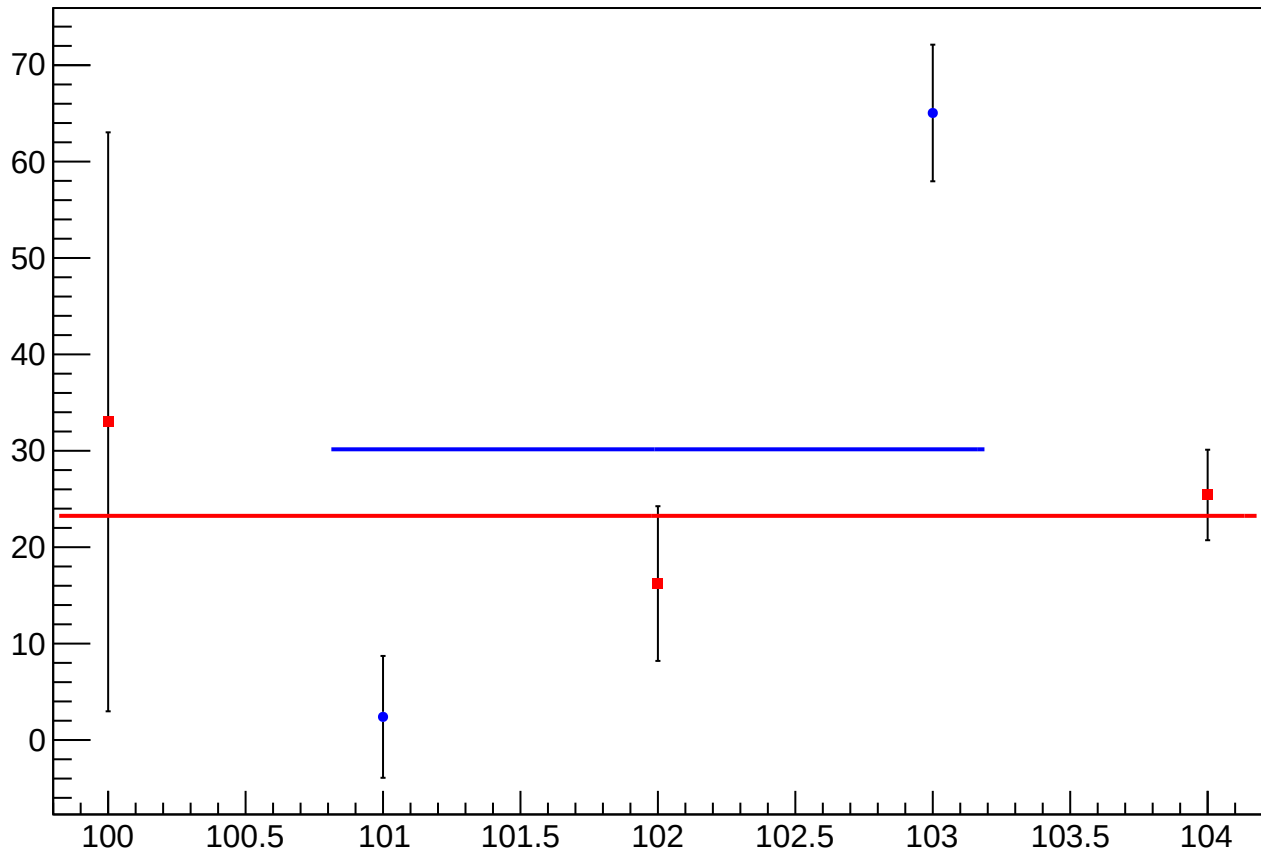
Right: -71.714+/-3.430 χ^2/NDF : 272.5/4

In: -78.875+/-5.174 χ^2/NDF : 115.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.714+/-3.430 χ^2/NDF : 272.5/4

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: 23.252+/-4.015 χ^2/NDF : 1.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

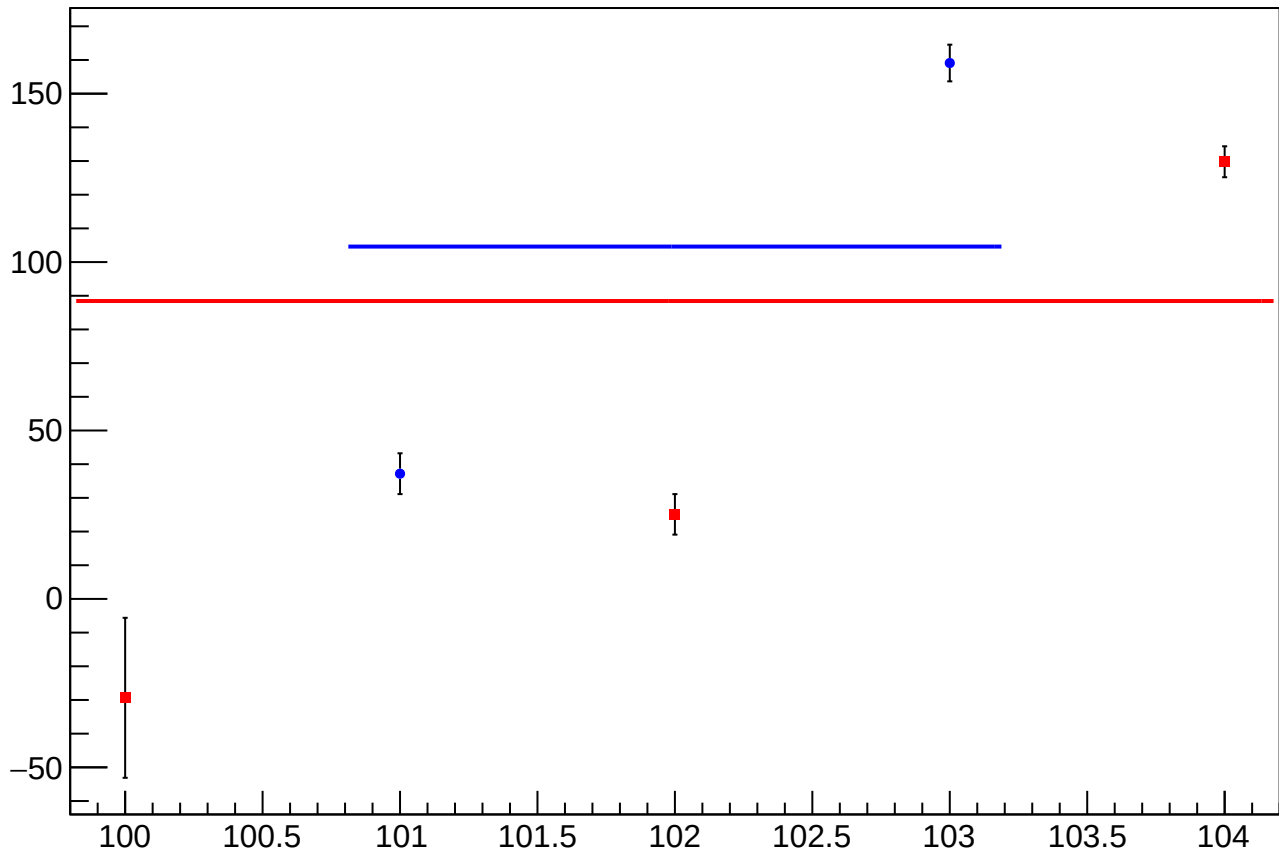
Right: 26.152+/-3.057 χ^2/NDF : 45.9/4

In: 30.154+/-4.717 χ^2/NDF : 43.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.152+/-3.057 χ^2/NDF : 45.9/4

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 104.603+/-4.050 χ^2/NDF : 224.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.443+/-3.608 χ^2/NDF : 216.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

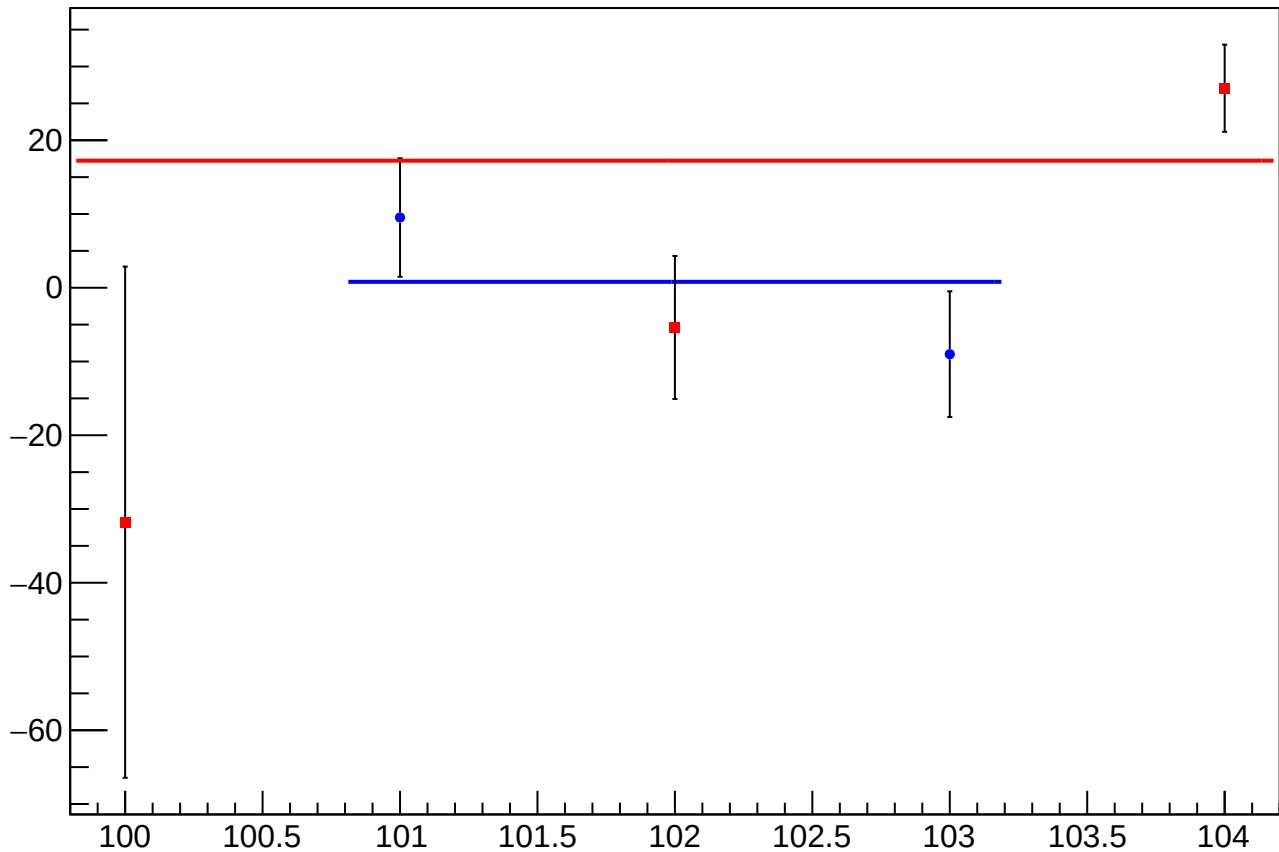
Right: 95.593+/-2.694 χ^2/NDF : 449.3/4

In: 104.603+/-4.050 χ^2/NDF : 224.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.593+/-2.694 χ^2/NDF : 449.3/4

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: 17.231+/-4.992 χ^2/NDF : 10.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

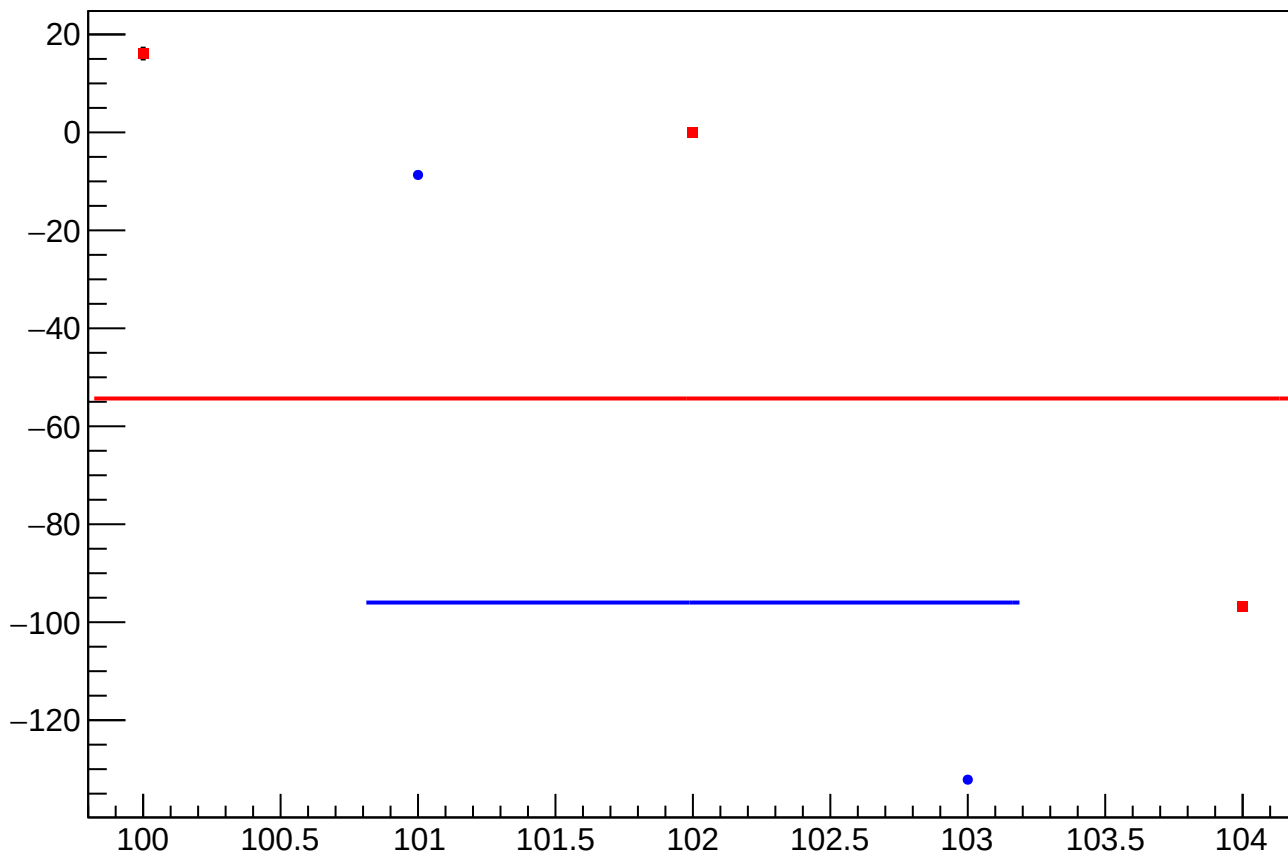
Right: 10.309+/-3.797 χ^2/NDF : 17.3/4

In: 0.803+/-5.850 χ^2/NDF : 2.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.309+/-3.797 χ^2/NDF : 17.3/4

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -95.984 ± 0.194 $\chi^2/\text{NDF}: 83869.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.327 ± 0.168 $\chi^2/\text{NDF}: 82807.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

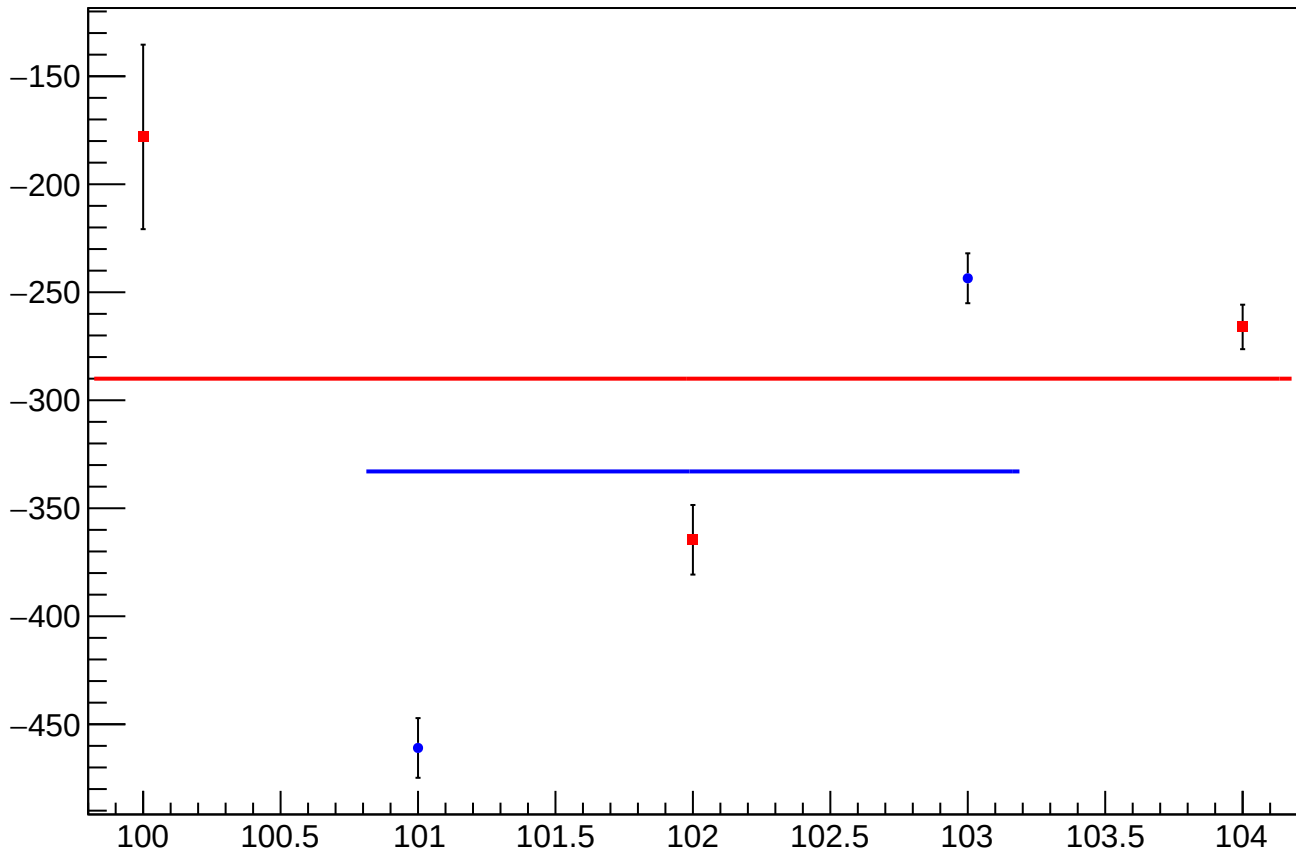
Right: -72.190 ± 0.127 $\chi^2/\text{NDF}: 193009.4/4$

In: -95.984 ± 0.194 $\chi^2/\text{NDF}: 83869.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -72.190 ± 0.127 $\chi^2/\text{NDF}: 193009.4/4$

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: -290.005+/-8.502 χ^2/NDF : 33.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

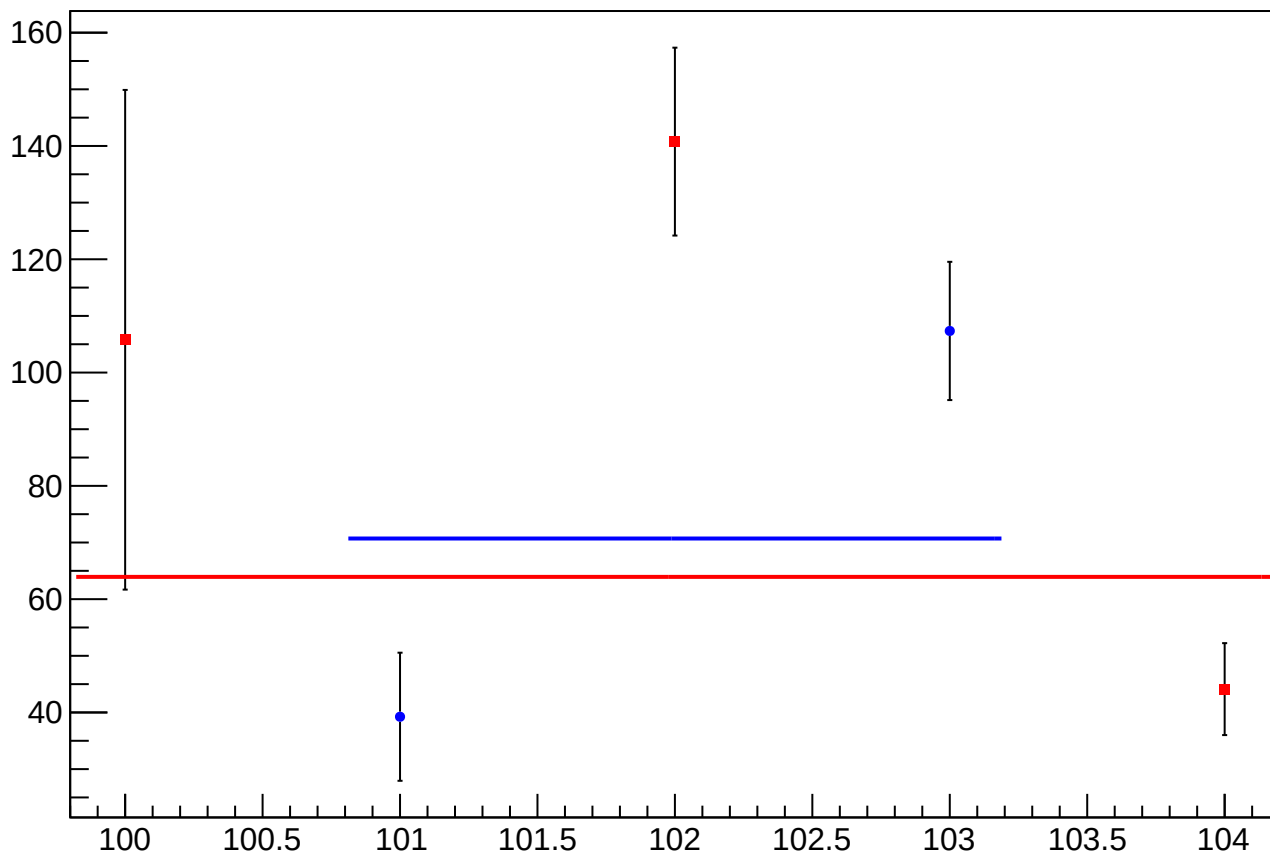
Right: -310.587+/-6.135 χ^2/NDF : 191.7/4

In: -332.948+/-8.861 χ^2/NDF : 145.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.587+/-6.135 χ^2/NDF : 191.7/4

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: 63.934+/-7.191 χ^2/NDF : 28.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

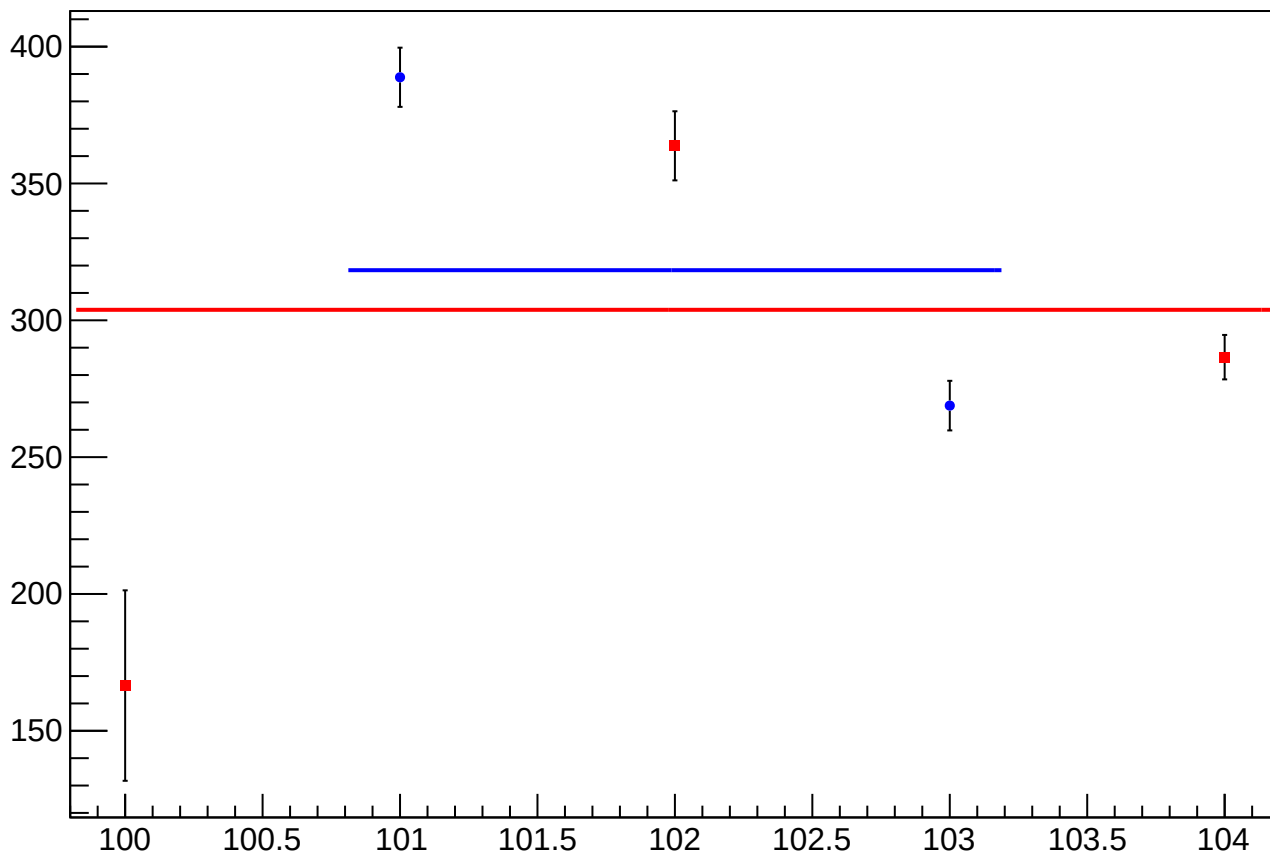
Right: 66.841+/-5.433 χ^2/NDF : 45.5/4

In: 70.707+/-8.293 χ^2/NDF : 16.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.841+/-5.433 χ^2/NDF : 45.5/4

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 318.314+/-6.946 χ^2/NDF : 72.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 303.837+/-6.702 χ^2/NDF : 42.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

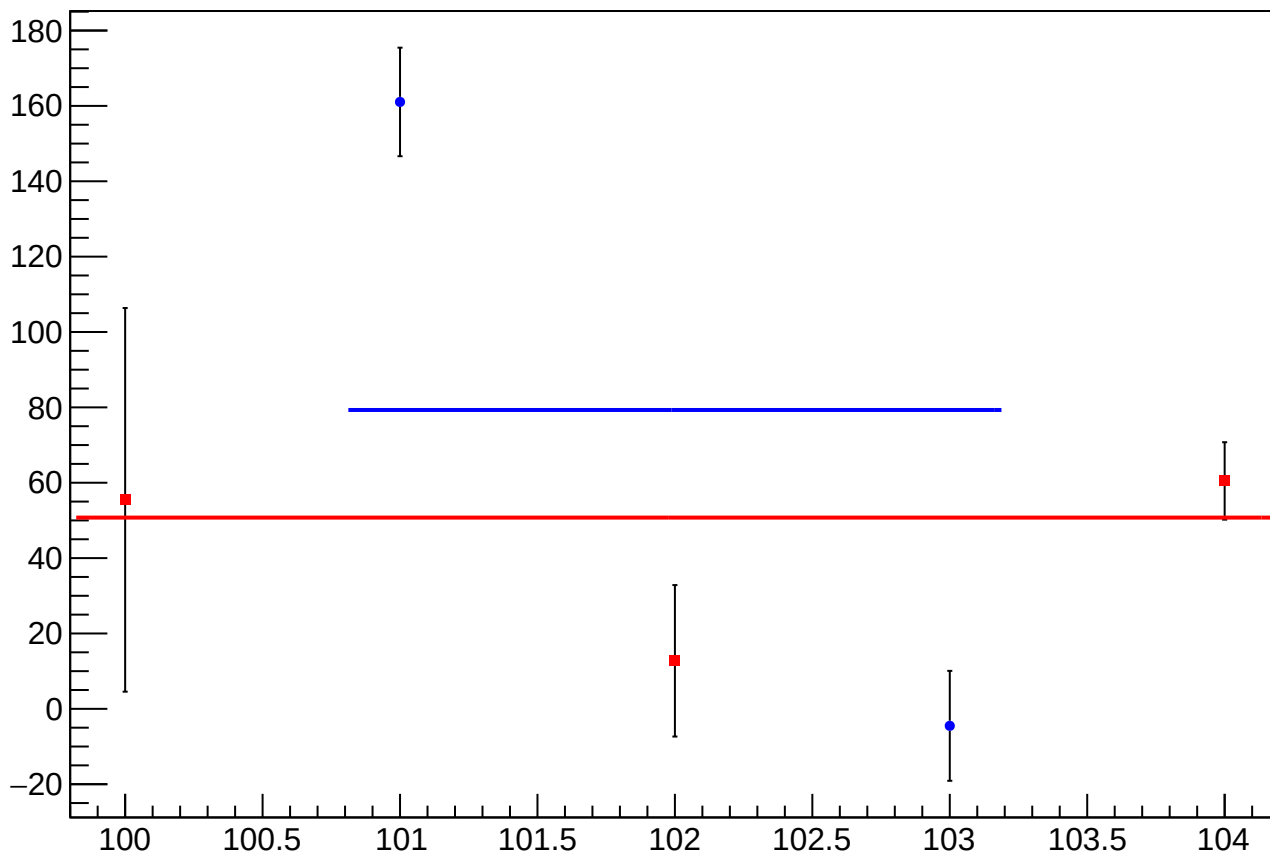
Right: 310.817+/-4.823 χ^2/NDF : 117.2/4

In: 318.314+/-6.946 χ^2/NDF : 72.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.817+/-4.823 χ^2/NDF : 117.2/4

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: 50.751+/-9.000 χ^2/NDF : 4.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

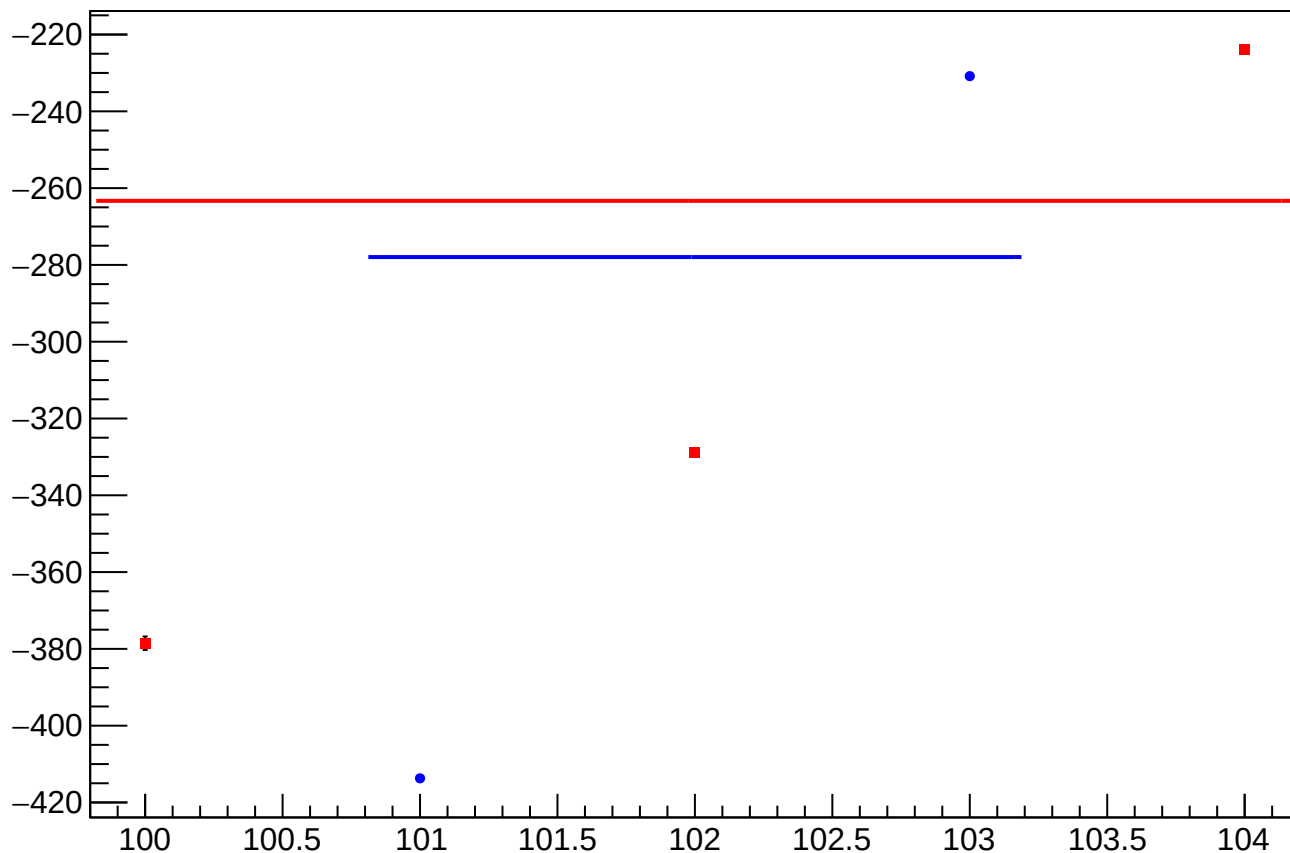
Right: 63.187+/-6.763 χ^2/NDF : 74.1/4

In: 79.308+/-10.248 χ^2/NDF : 65.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.187+/-6.763 χ^2/NDF : 74.1/4

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: -263.313 ± 0.315 χ^2/NDF : 28635.7/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

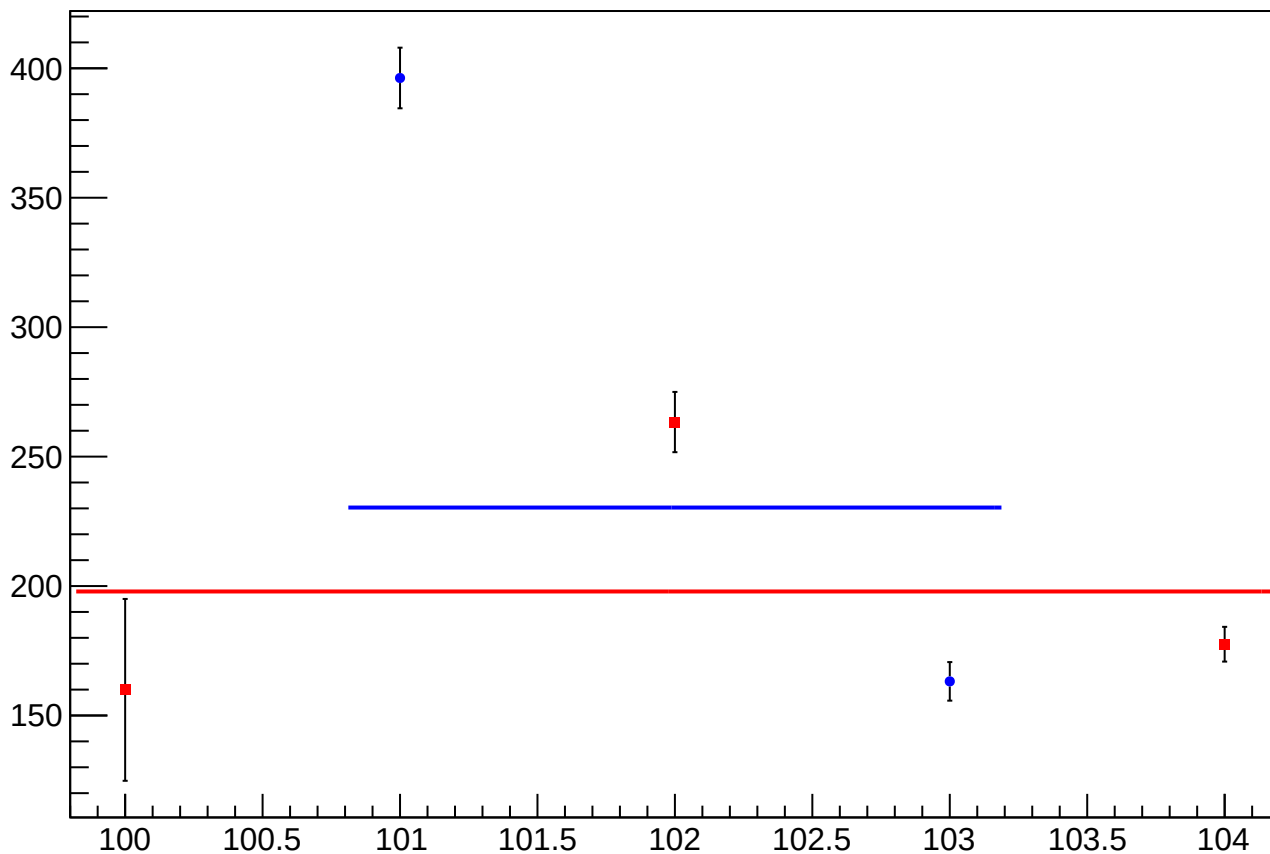
Right: -270.335 ± 0.227 χ^2/NDF : 89230.4/4

In: -277.953 ± 0.328 χ^2/NDF : 59556.2/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -270.335 ± 0.227 χ^2/NDF : 89230.4/4

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 230.327 $\pm$ 6.285 χ^2 /NDF: 282.0/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 197.907 $\pm$ 5.737 χ^2 /NDF: 42.0/2

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

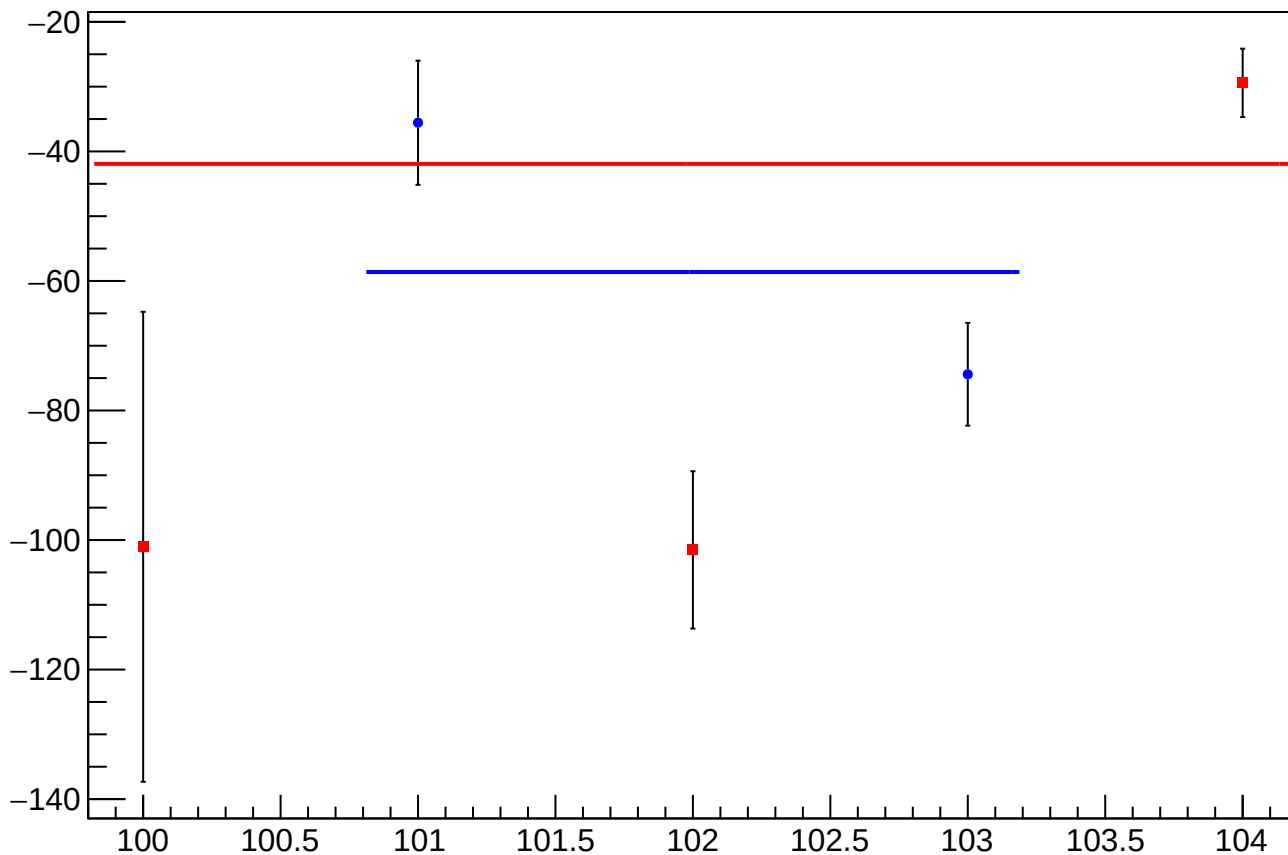
Right: 212.642 $\pm$ 4.237 χ^2 /NDF: 338.5/4

In: 230.327 $\pm$ 6.285 χ^2 /NDF: 282.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 212.642 $\pm$ 4.237 χ^2 /NDF: 338.5/4

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: -41.920 $\pm$ 4.799 χ^2 /NDF: 32.3/2

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

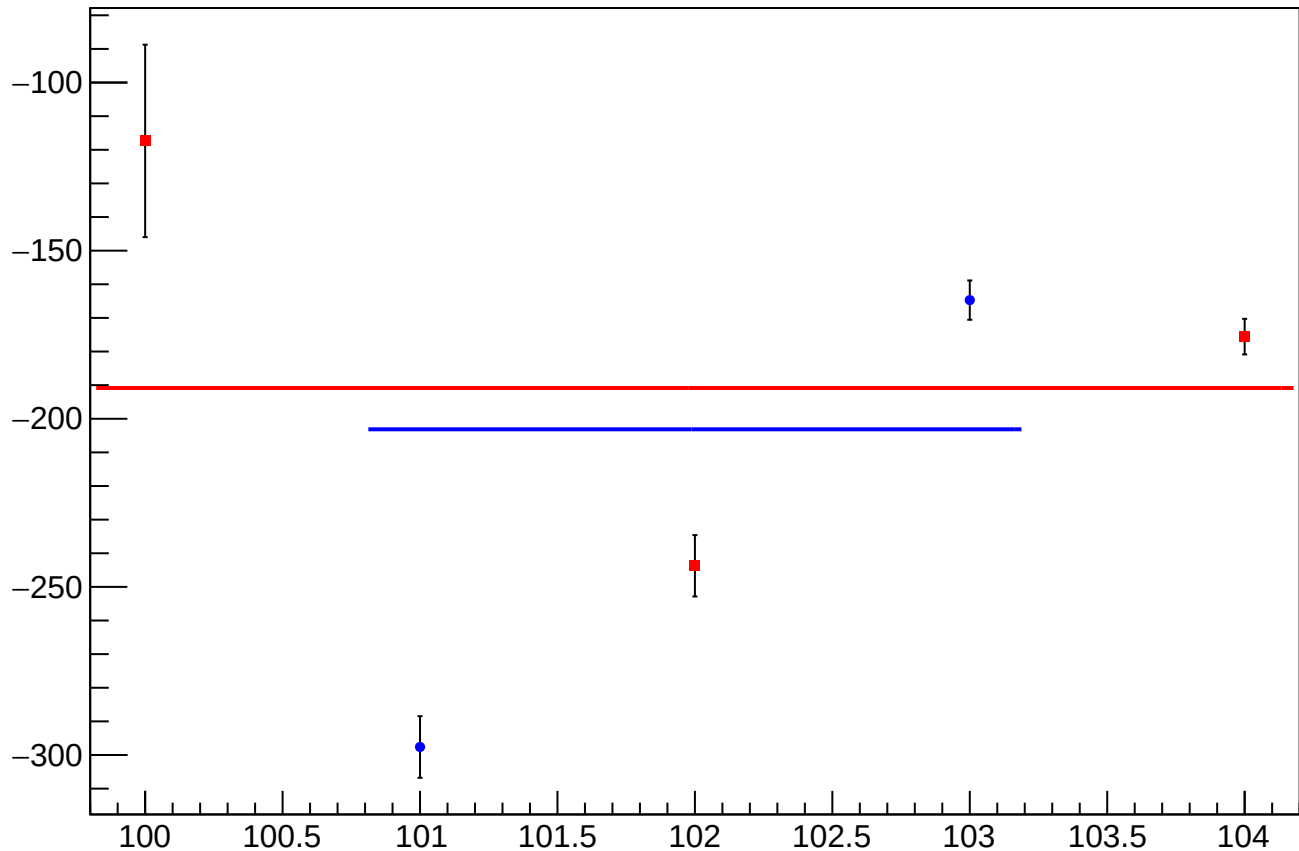
Right: -48.289 $\pm$ 3.774 χ^2 /NDF: 46.7/4

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: -48.289 $\pm$ 3.774 χ^2 /NDF: 46.7/4

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: -190.843+/-4.522 χ^2/NDF : 48.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

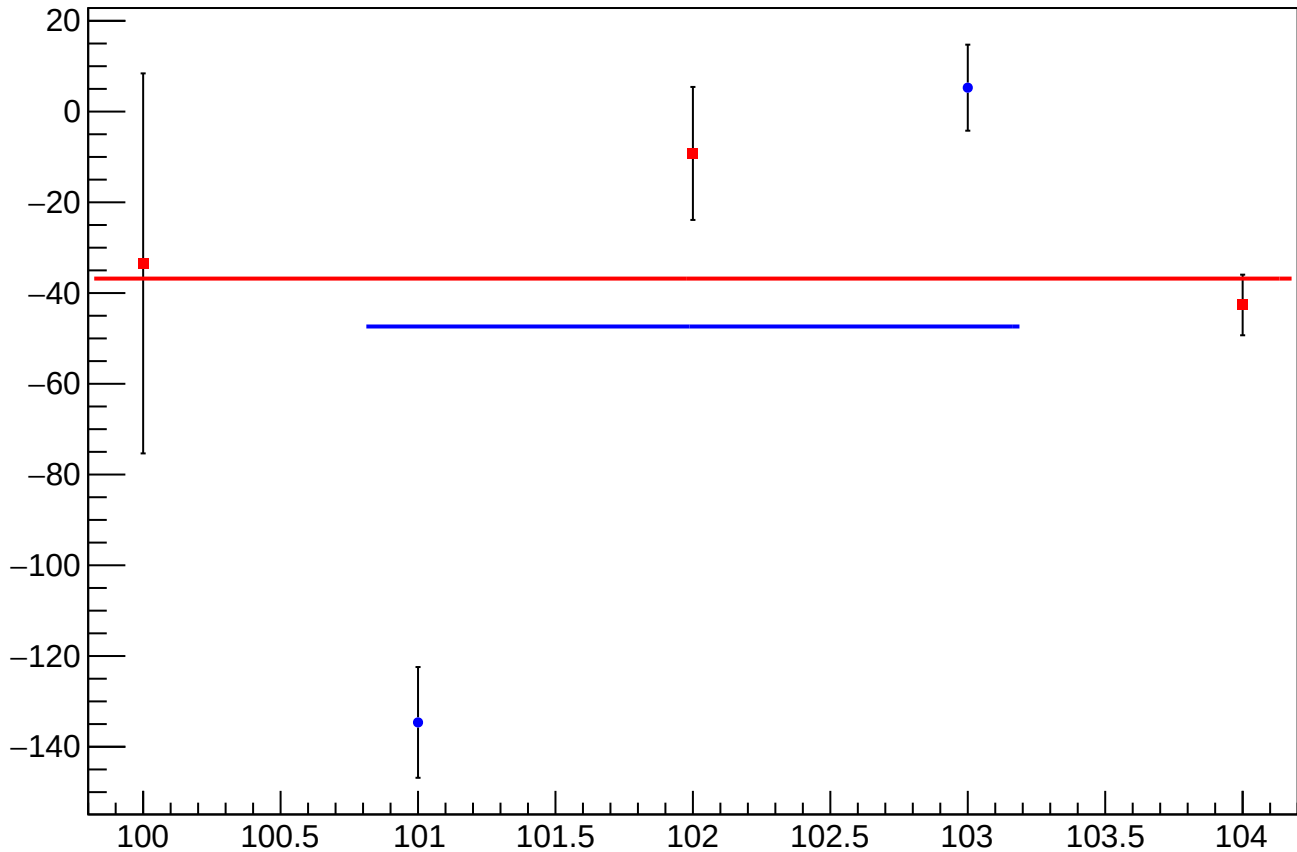
Right: -196.461+/-3.332 χ^2/NDF : 201.3/4

In: -203.133+/-4.929 χ^2/NDF : 149.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.461+/-3.332 χ^2/NDF : 201.3/4

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.369 $\pm$ 7.487 χ^2 /NDF: 81.9/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.810 $\pm$ 6.016 χ^2 /NDF: 4.3/2

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

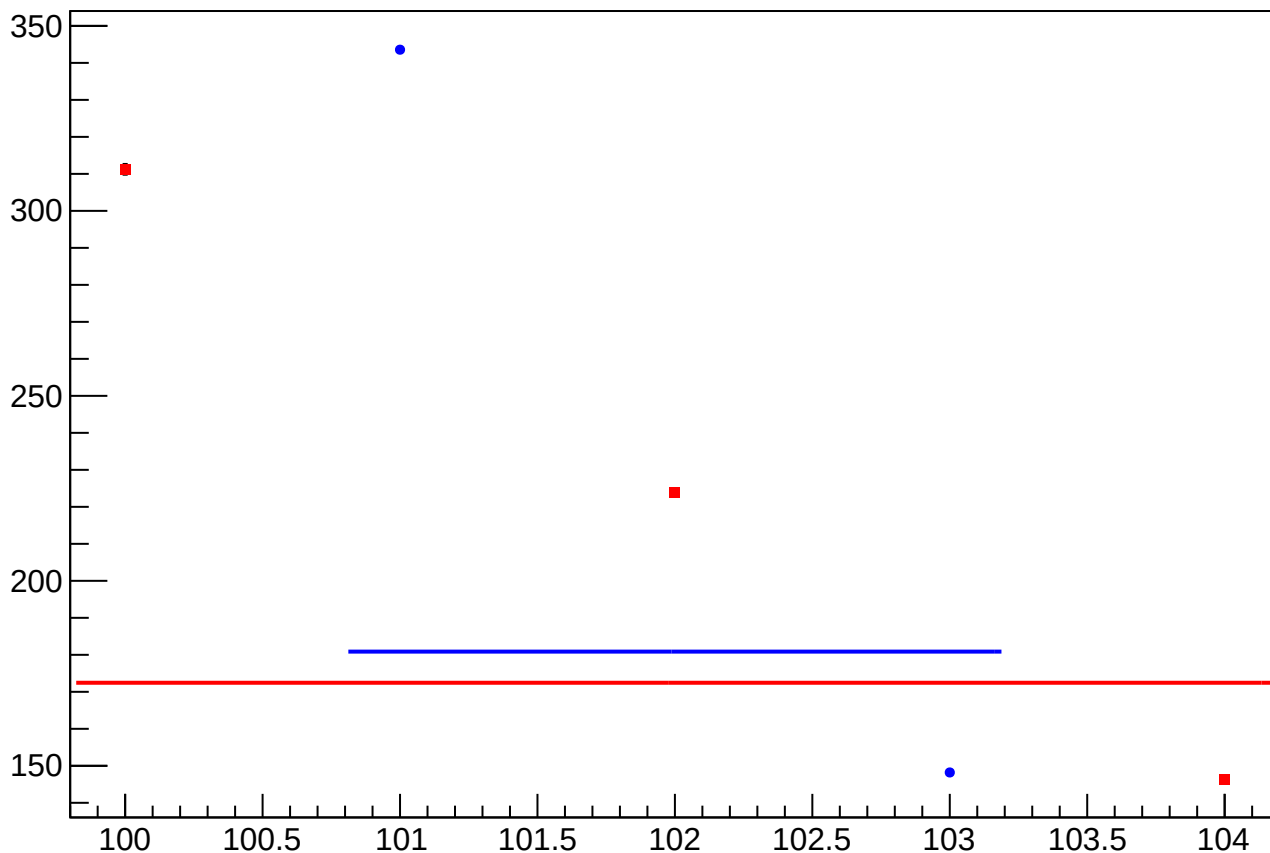
Right: -40.952 $\pm$ 4.690 χ^2 /NDF: 87.4/4

In: -47.369 $\pm$ 7.487 χ^2 /NDF:81.9/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.952 $\pm$ 4.690 χ^2 /NDF: 87.4/4

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: 172.450 $\pm$ 0.213 χ^2 /NDF: 36687.4/2

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

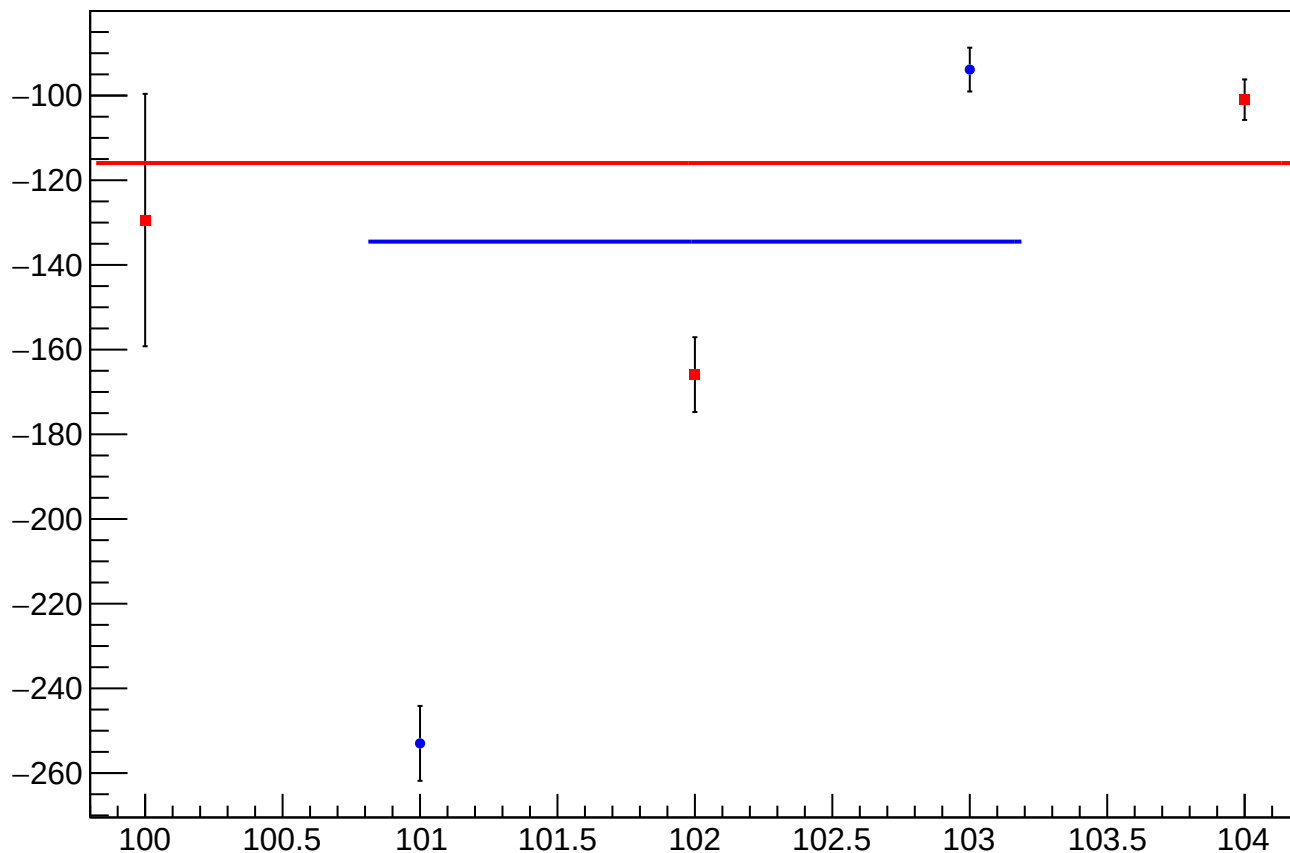
Right: 176.444 $\pm$ 0.154 χ^2 /NDF: 143577.1/4

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: 176.444 $\pm$ 0.154 χ^2 /NDF: 143577.1/4

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -134.494+/-4.467 χ^2/NDF : 241.3/1

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -115.940+/-4.161 χ^2/NDF : 42.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

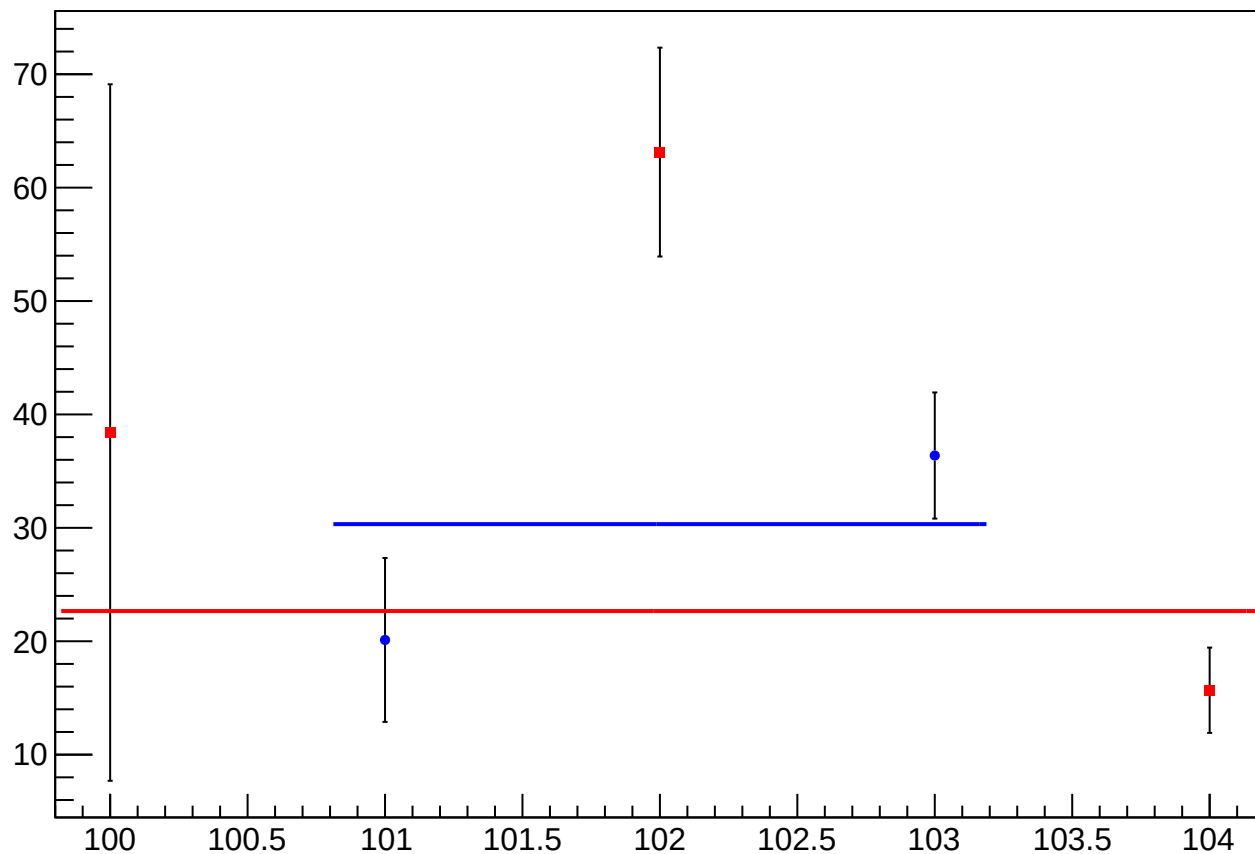
Right: -124.561+/-3.045 χ^2/NDF : 292.5/4

In: -134.494+/-4.467 χ^2/NDF :241.3/1

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -124.561+/-3.045 χ^2/NDF : 292.5/4

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: 22.665+/-3.459 χ^2/NDF : 23.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

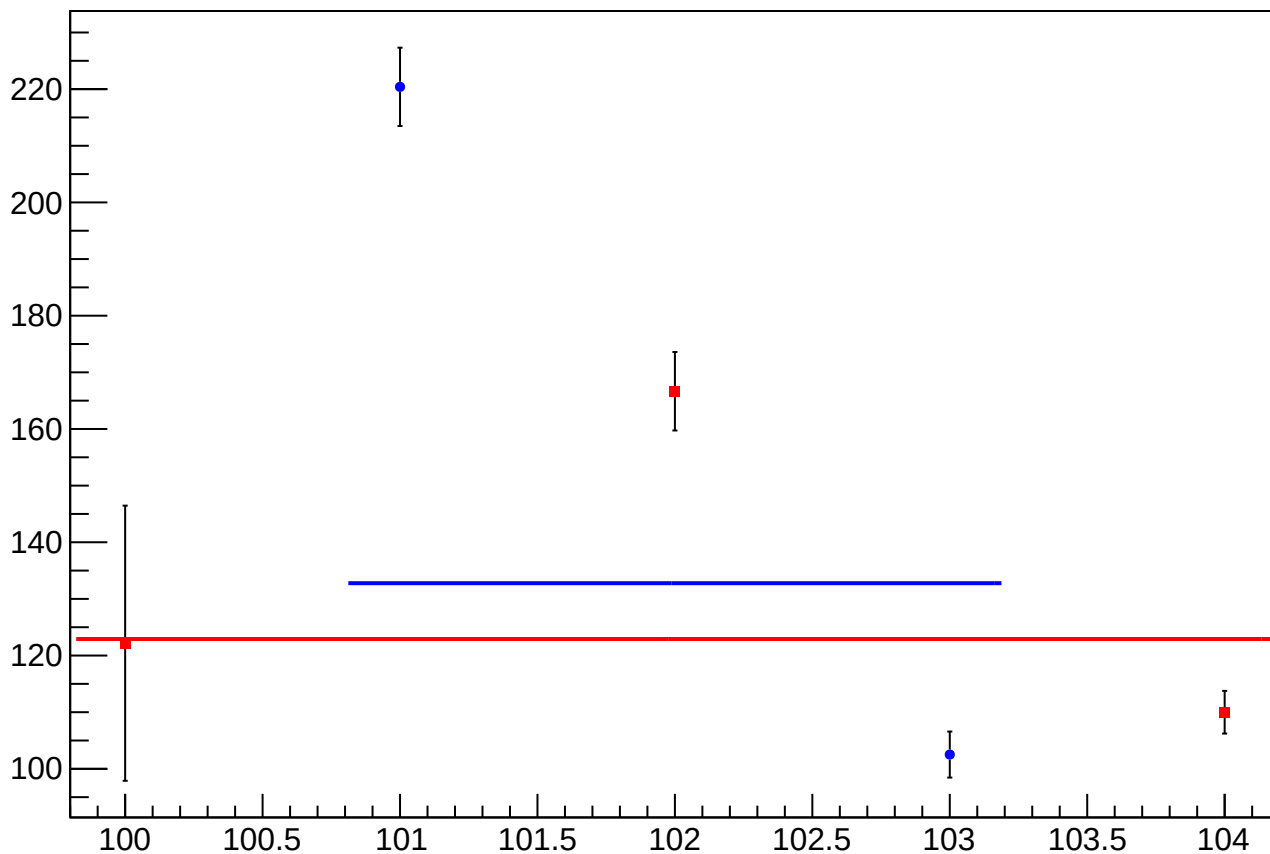
Right: 25.586+/-2.721 χ^2/NDF : 28.1/4

In: 30.328+/-4.407 χ^2/NDF : 3.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.586+/-2.721 χ^2/NDF : 28.1/4

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: 122.924+/-3.280 χ^2/NDF : 51.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

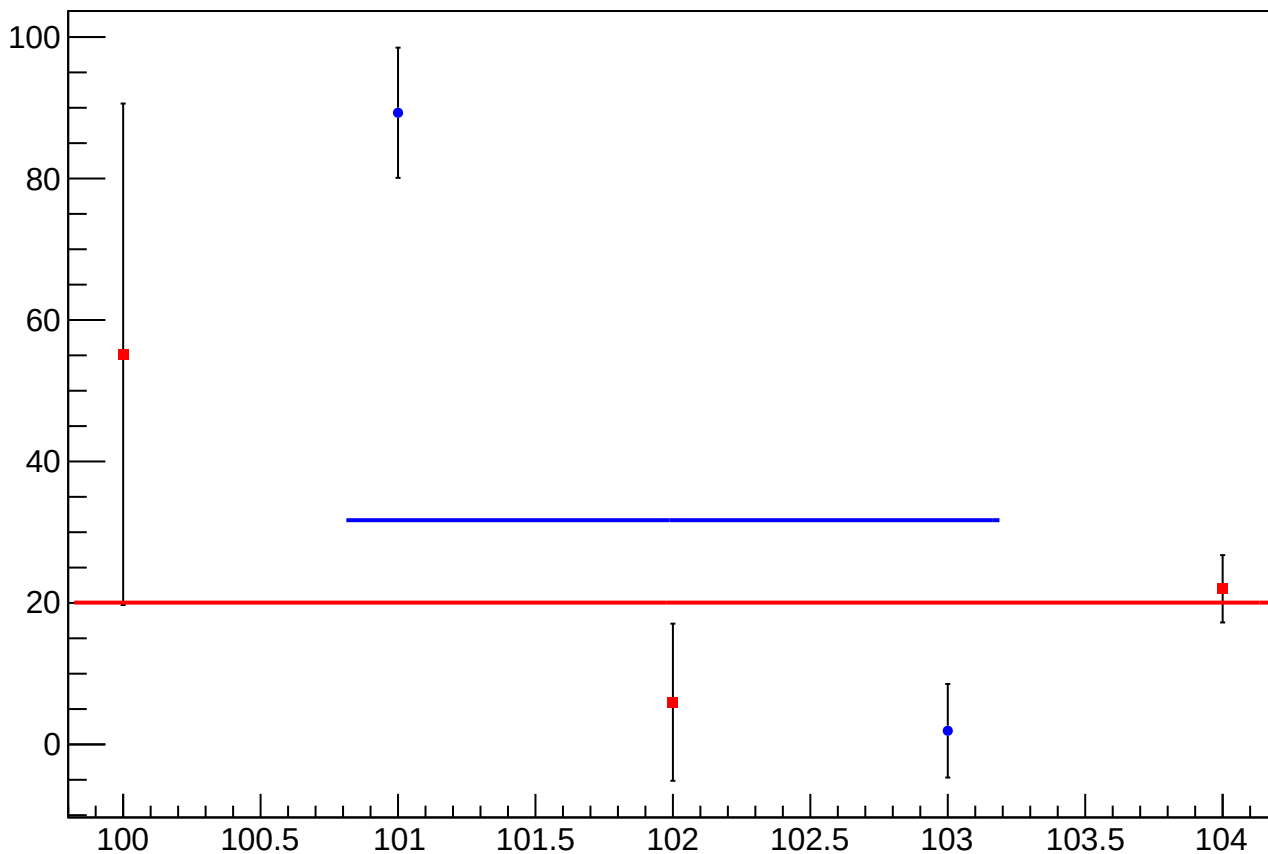
Right: 127.523+/-2.395 χ^2/NDF : 271.7/4

In: 132.776+/-3.505 χ^2/NDF : 215.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.523+/-2.395 χ^2/NDF : 271.7/4

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: 20.048+/-4.342 χ^2/NDF : 2.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

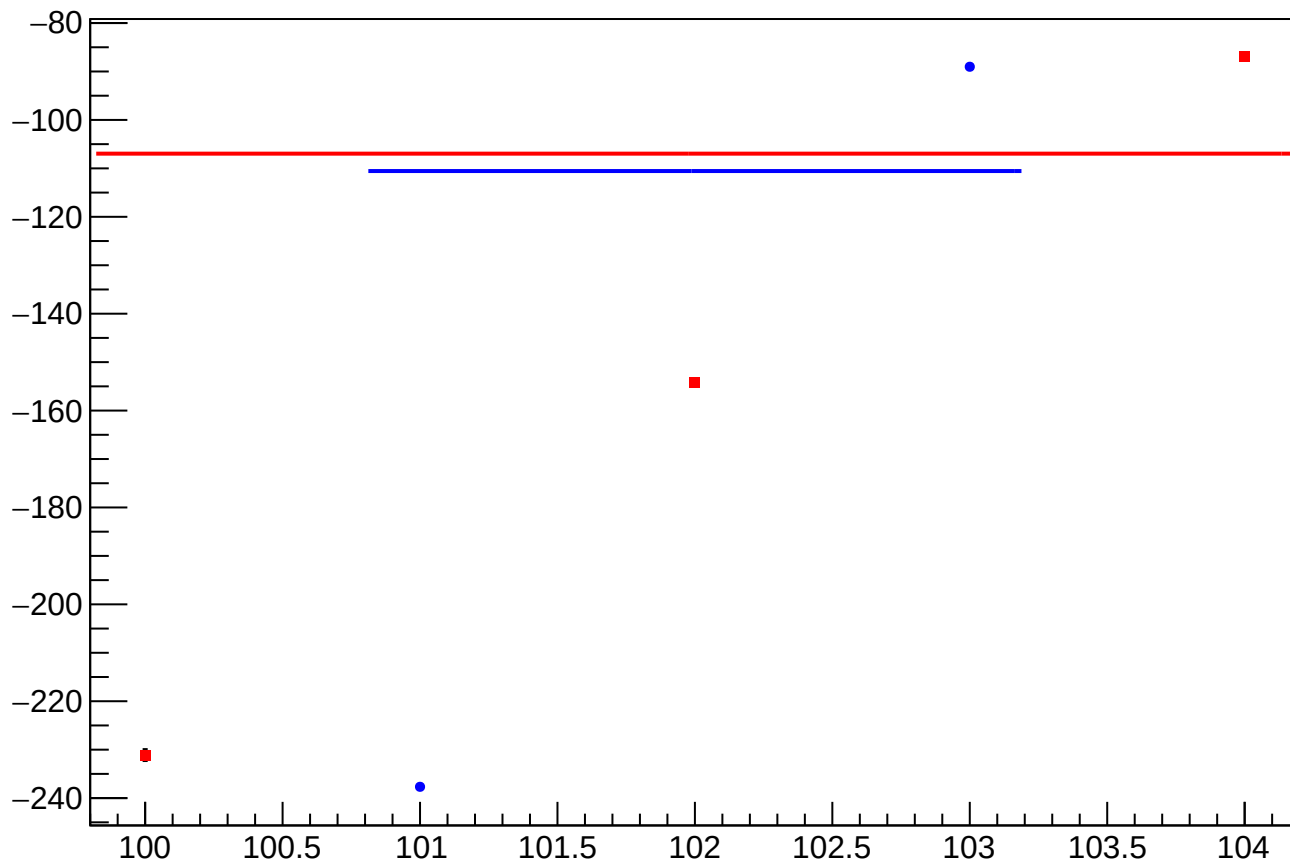
Right: 24.653+/-3.377 χ^2/NDF : 65.0/4

In: 31.699+/-5.371 χ^2/NDF : 59.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.653+/-3.377 χ^2/NDF : 65.0/4

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: -106.961+/-0.153 χ^2/NDF : 47586.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

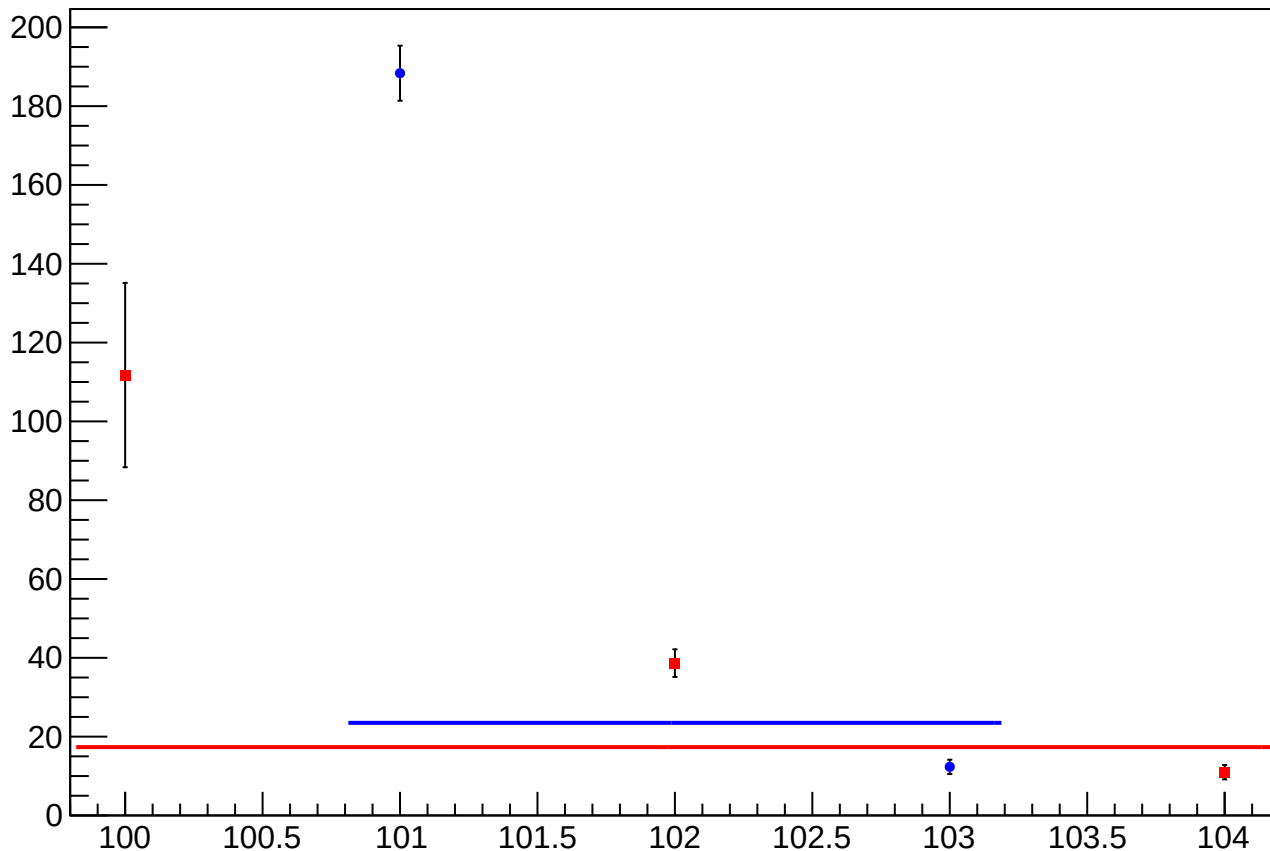
Right: -108.716+/-0.110 χ^2/NDF : 159139.5/4

In: -110.552+/-0.157 χ^2/NDF : 111285.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.716+/-0.110 χ^2/NDF : 159139.5/4

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: 17.344+/-1.616 χ^2/NDF : 65.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

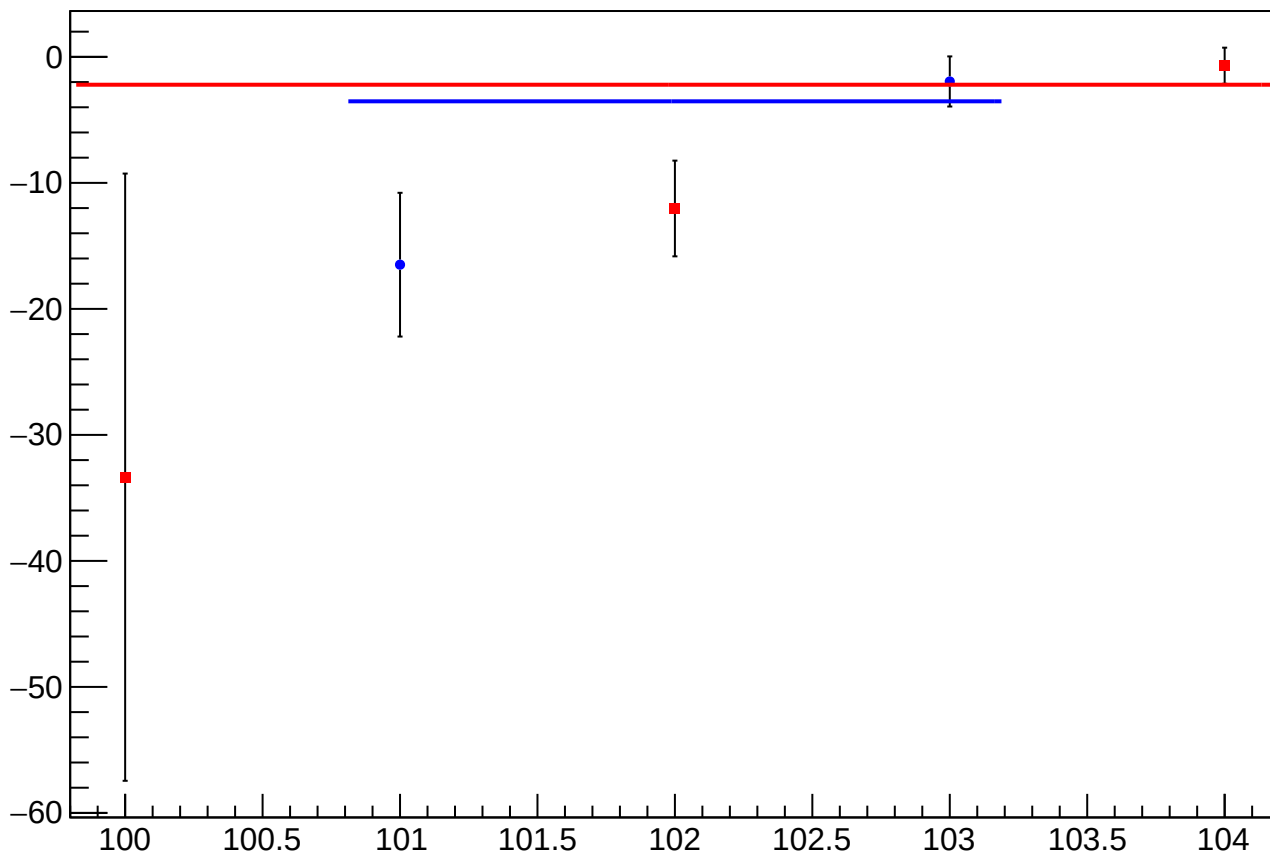
Right: 20.163+/-1.190 χ^2/NDF : 667.4/4

In: 23.502+/-1.759 χ^2/NDF : 595.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.163+/-1.190 χ^2/NDF : 667.4/4

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: -2.210+/-1.338 χ^2/NDF : 9.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

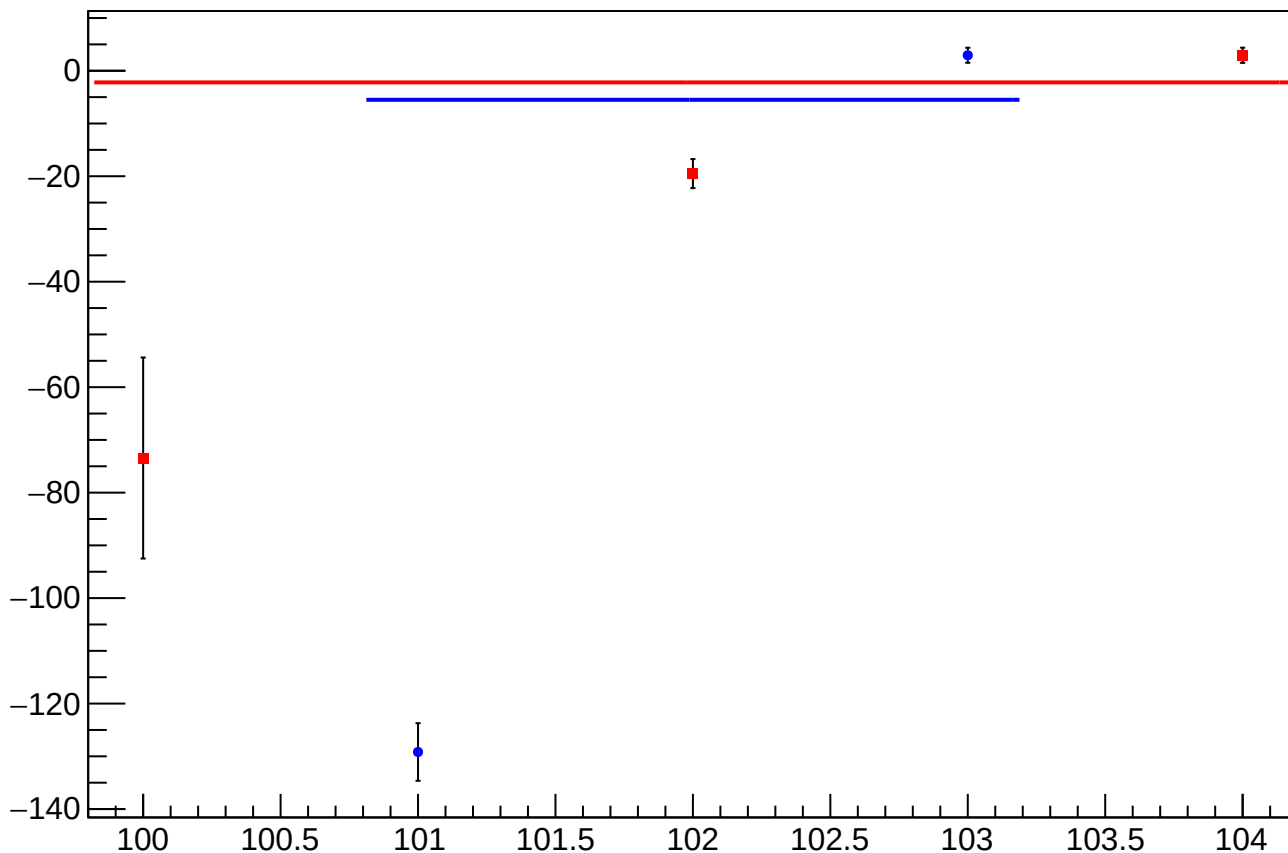
Right: -2.654+/-1.090 χ^2/NDF : 15.6/4

In: -3.527+/-1.878 χ^2/NDF : 5.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.654+/-1.090 χ^2/NDF : 15.6/4

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: -2.209+/-1.274 χ^2/NDF : 66.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

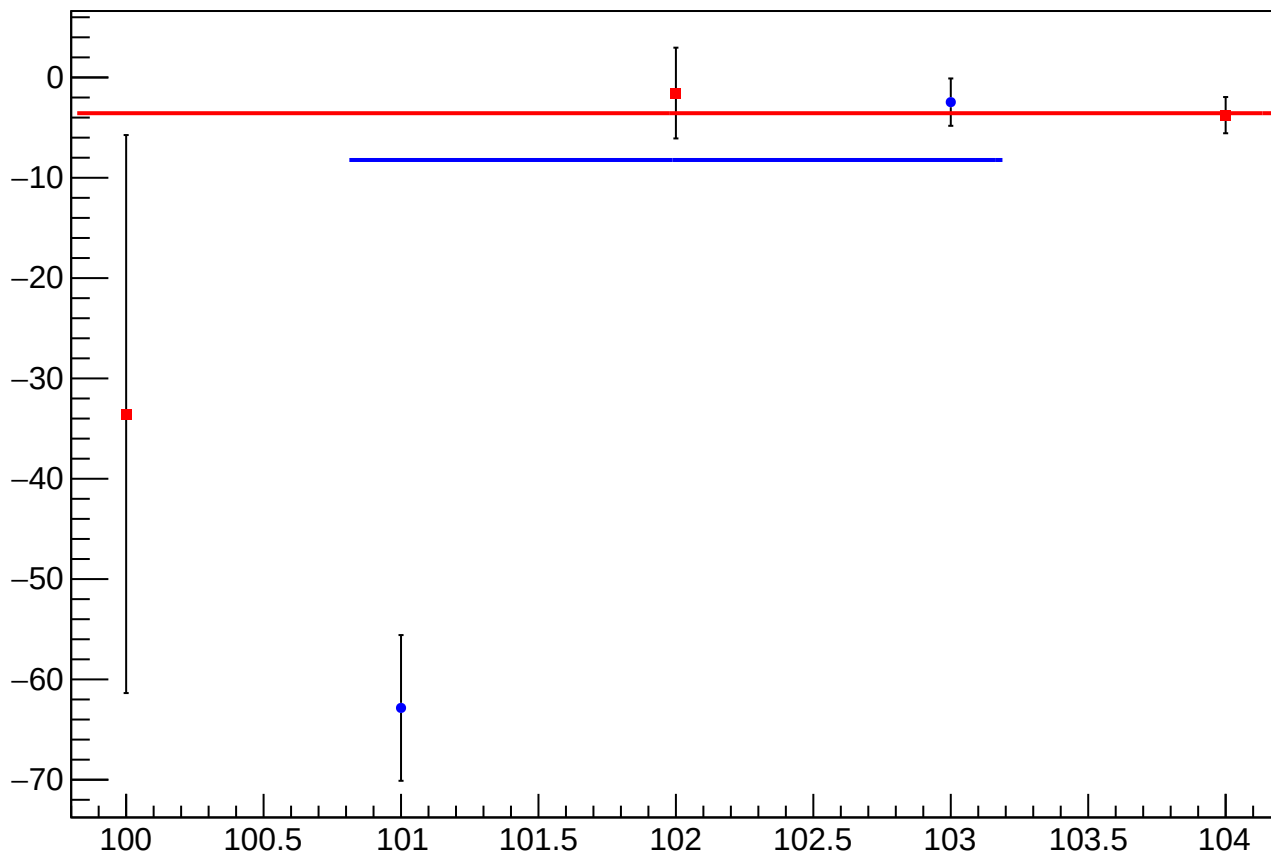
Right: -3.724+/-0.936 χ^2/NDF : 616.8/4

In: -5.505+/-1.381 χ^2/NDF : 547.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.724+/-0.936 χ^2/NDF : 616.8/4

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: -3.563+/-1.674 χ^2/NDF : 1.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

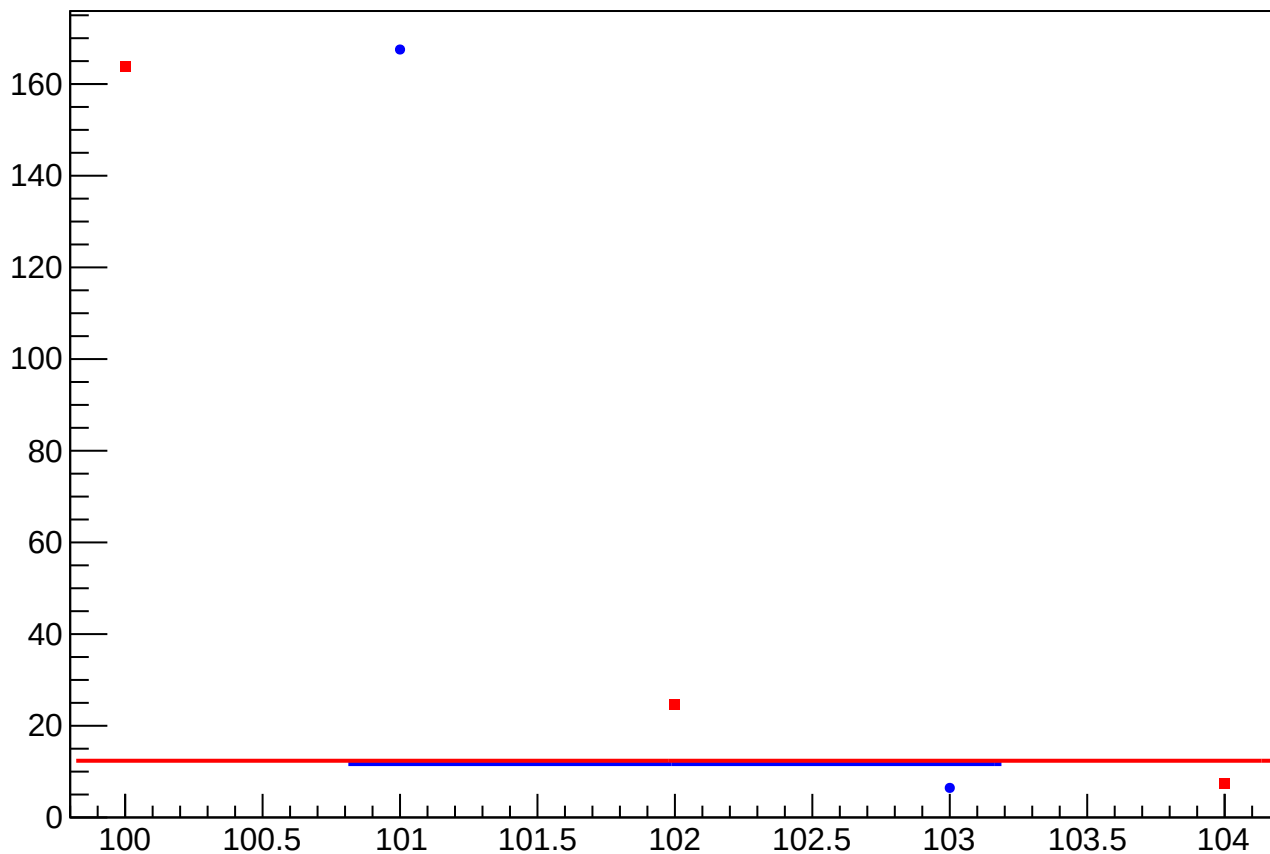
Right: -5.230+/-1.342 χ^2/NDF : 66.7/4

In: -8.227+/-2.245 χ^2/NDF : 62.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.230+/-1.342 χ^2/NDF : 66.7/4

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: 12.371+/-0.059 χ^2/NDF : 41216.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

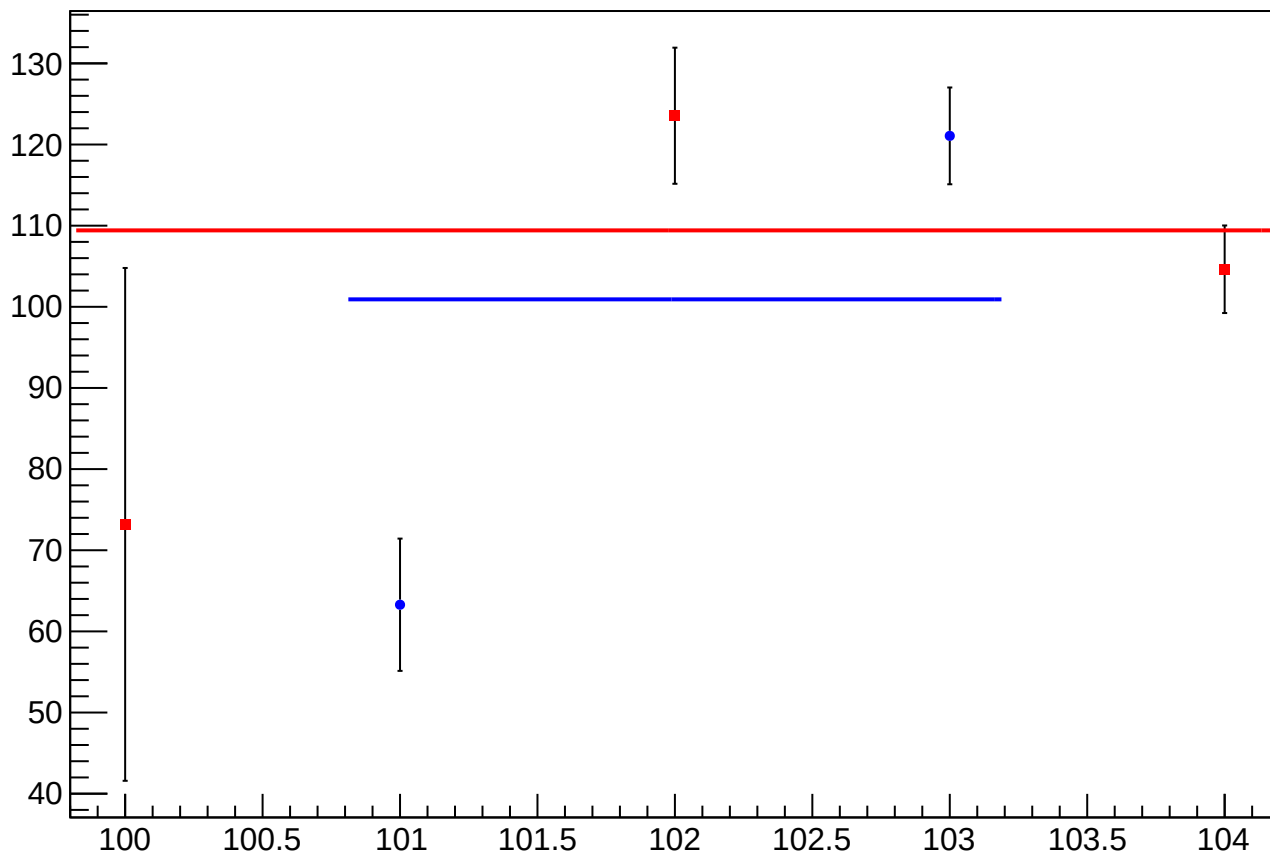
Right: 12.005+/-0.041 χ^2/NDF : 278974.3/4

In: 11.643+/-0.058 χ^2/NDF : 237680.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.005+/-0.041 χ^2/NDF : 278974.3/4

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: 109.419 $\pm$ 4.491 χ^2 /NDF: 4.9/2

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

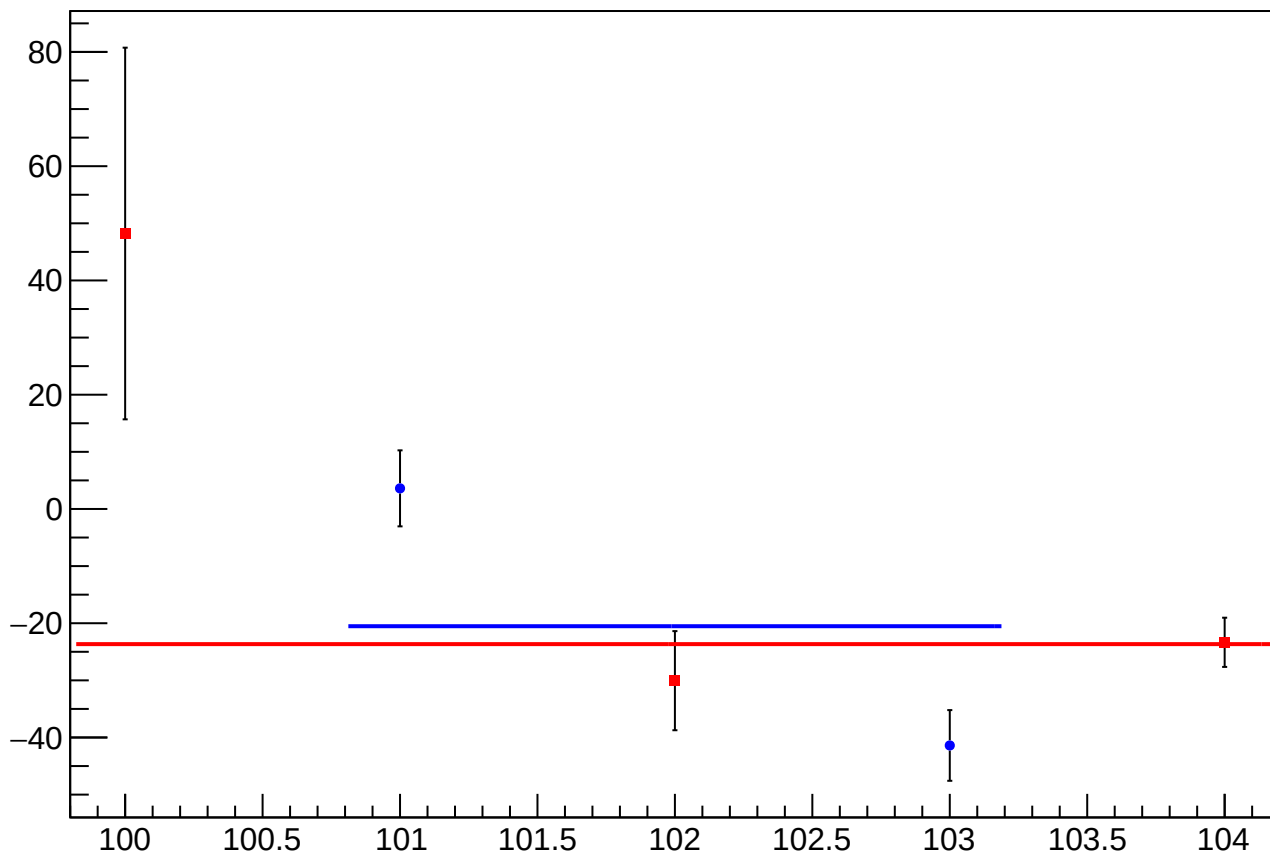
Right: 105.462 $\pm$ 3.284 χ^2 /NDF: 39.3/4

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: 105.462 $\pm$ 3.284 χ^2 /NDF: 39.3/4

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -20.522 ± 4.531 χ^2/NDF : 24.5/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.658 ± 3.831 χ^2/NDF : 5.4/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

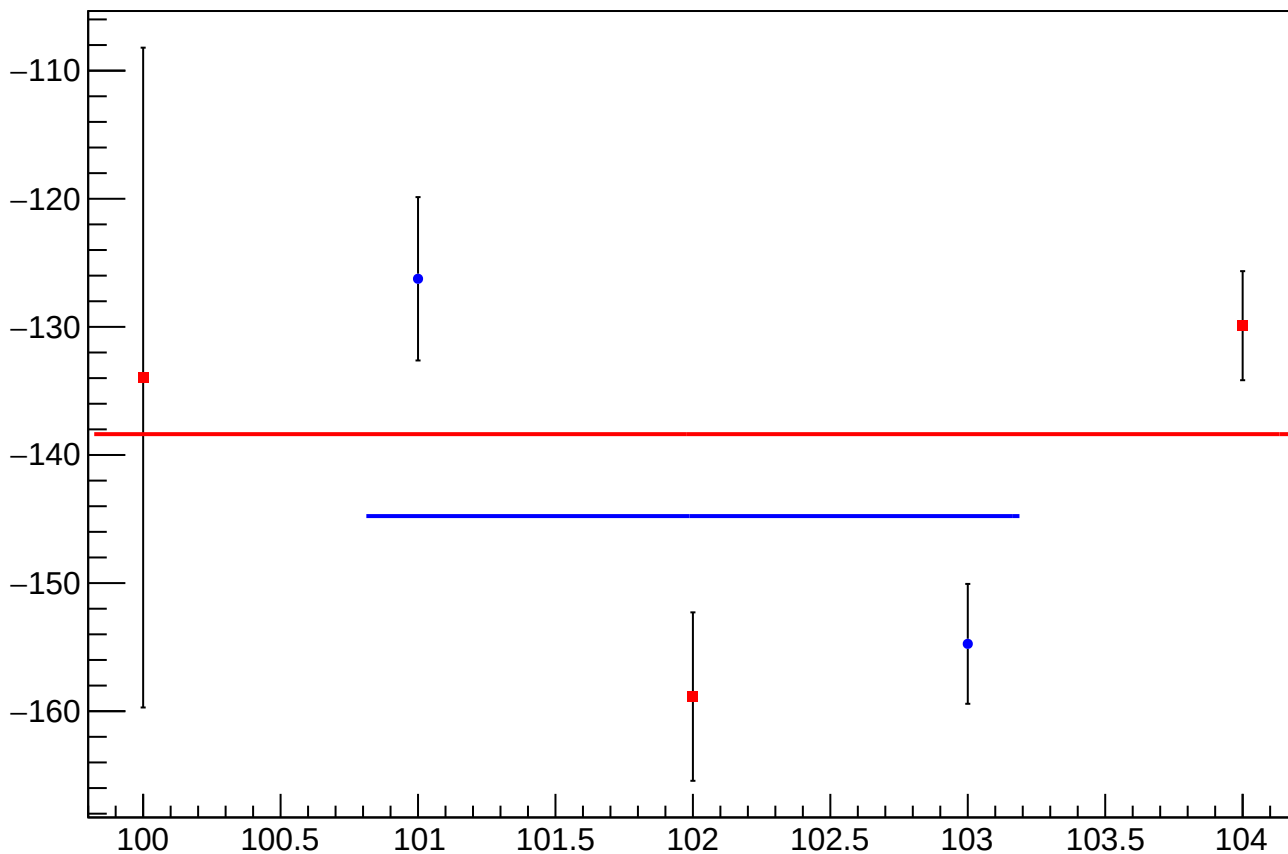
Right: -22.351 ± 2.925 χ^2/NDF : 30.2/4

In: -20.522 ± 4.531 χ^2/NDF : 24.5/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.351 ± 2.925 χ^2/NDF : 30.2/4

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: -138.373+/-3.539 χ^2 /NDF: 13.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

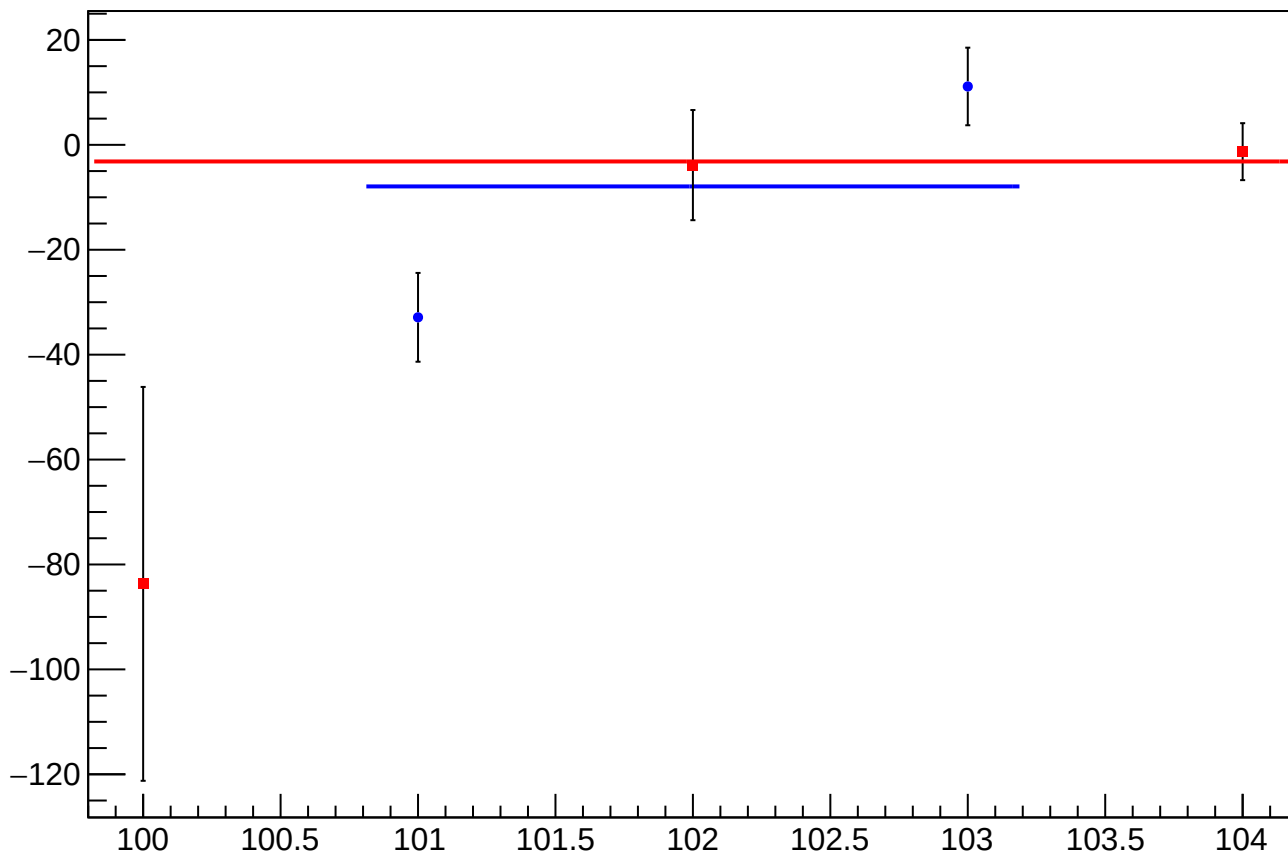
Right: -141.367+/-2.581 χ^2 /NDF: 28.2/4

In: -144.769+/-3.772 χ^2 /NDF:13.0/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -141.367+/-2.581 χ^2 /NDF: 28.2/4

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: -3.169+/-4.783 χ^2 /NDF: 4.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

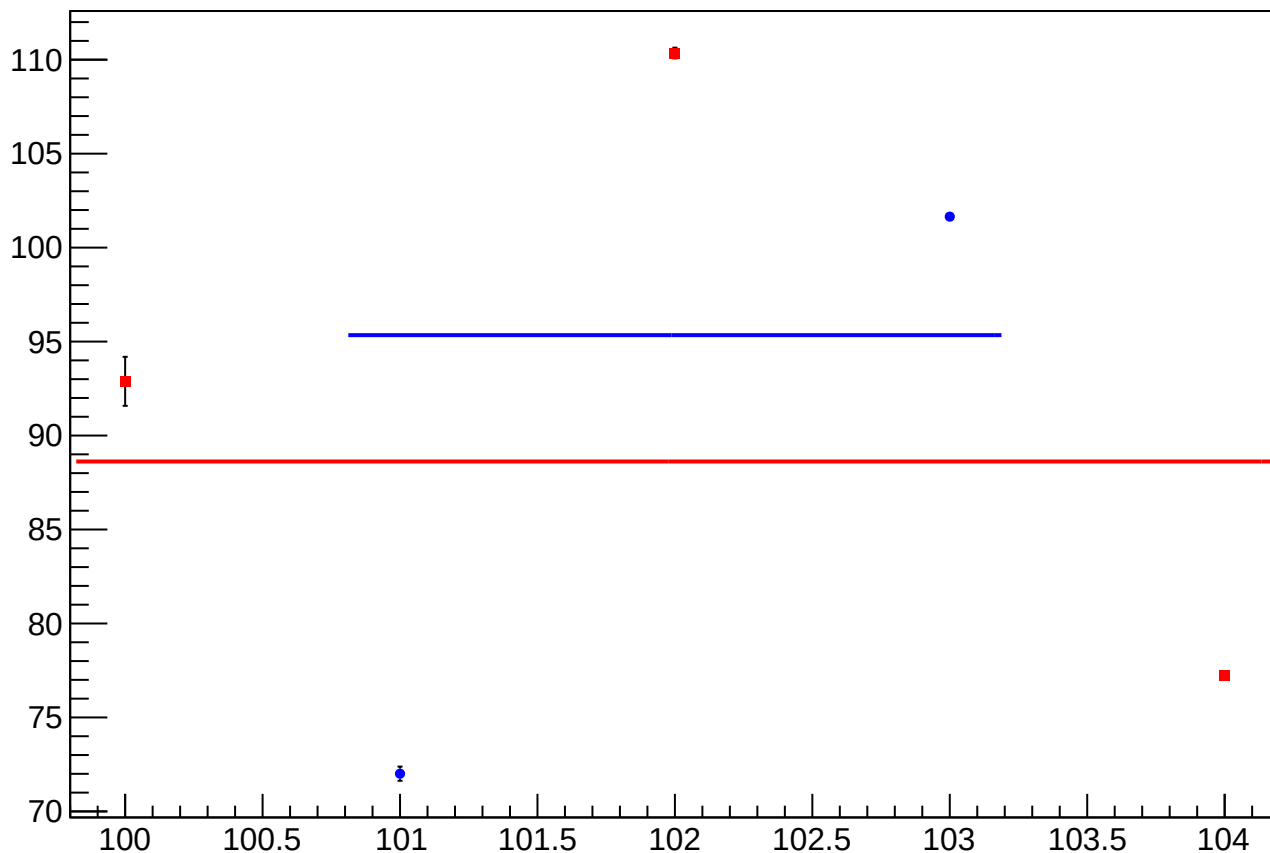
Right: -5.188+/-3.629 χ^2 /NDF: 20.5/4

In: -7.926+/-5.570 χ^2 /NDF:15.3/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.188+/-3.629 χ^2 /NDF: 20.5/4

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 95.342 $\pm$ 0.174 χ^2 /NDF: 4852.2/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.620 $\pm$ 0.165 χ^2 /NDF: 8901.1/2

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

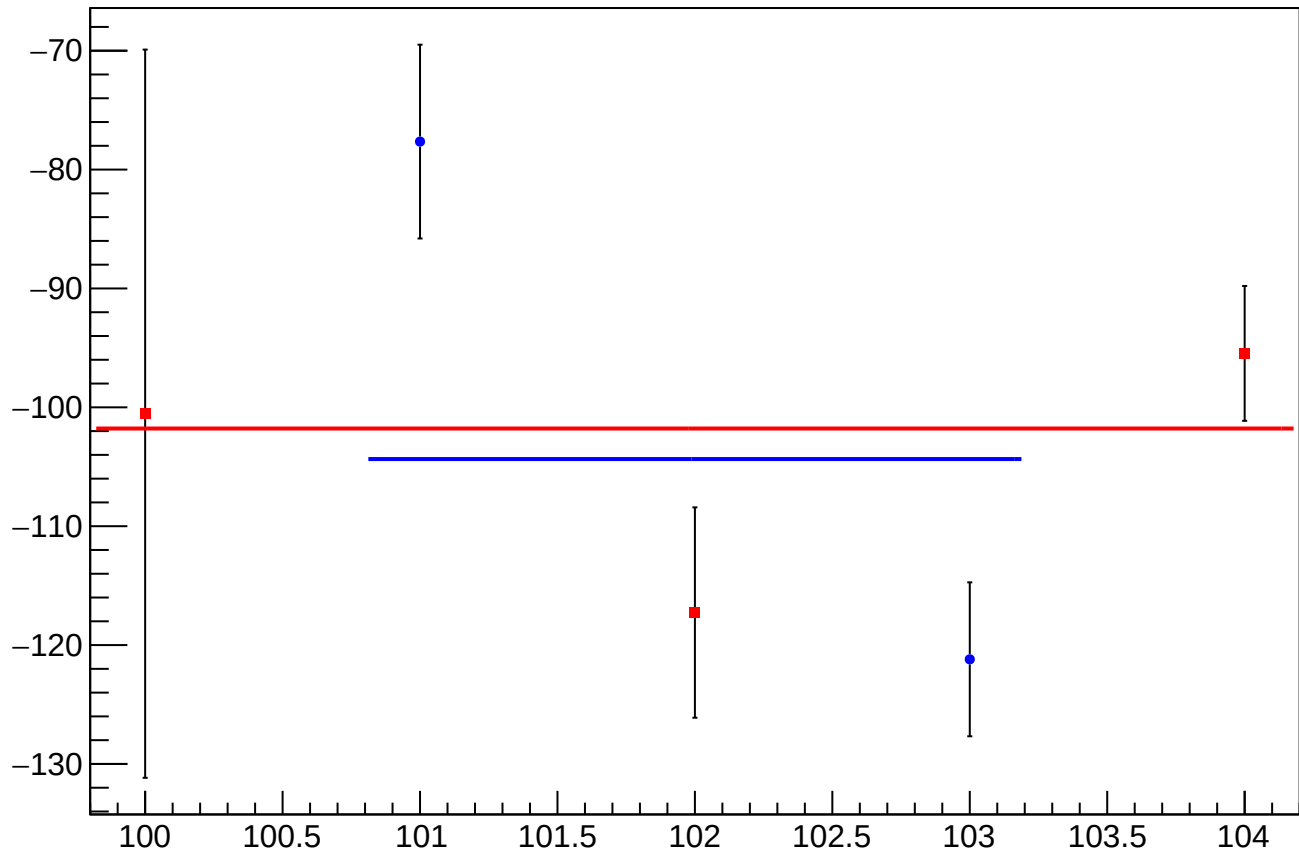
Right: 91.806 $\pm$ 0.120 χ^2 /NDF: 14537.1/4

In: 95.342 $\pm$ 0.174 χ^2 /NDF:4852.2/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.806 $\pm$ 0.120 χ^2 /NDF: 14537.1/4

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: -101.782+/-4.718 χ^2/NDF : 4.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

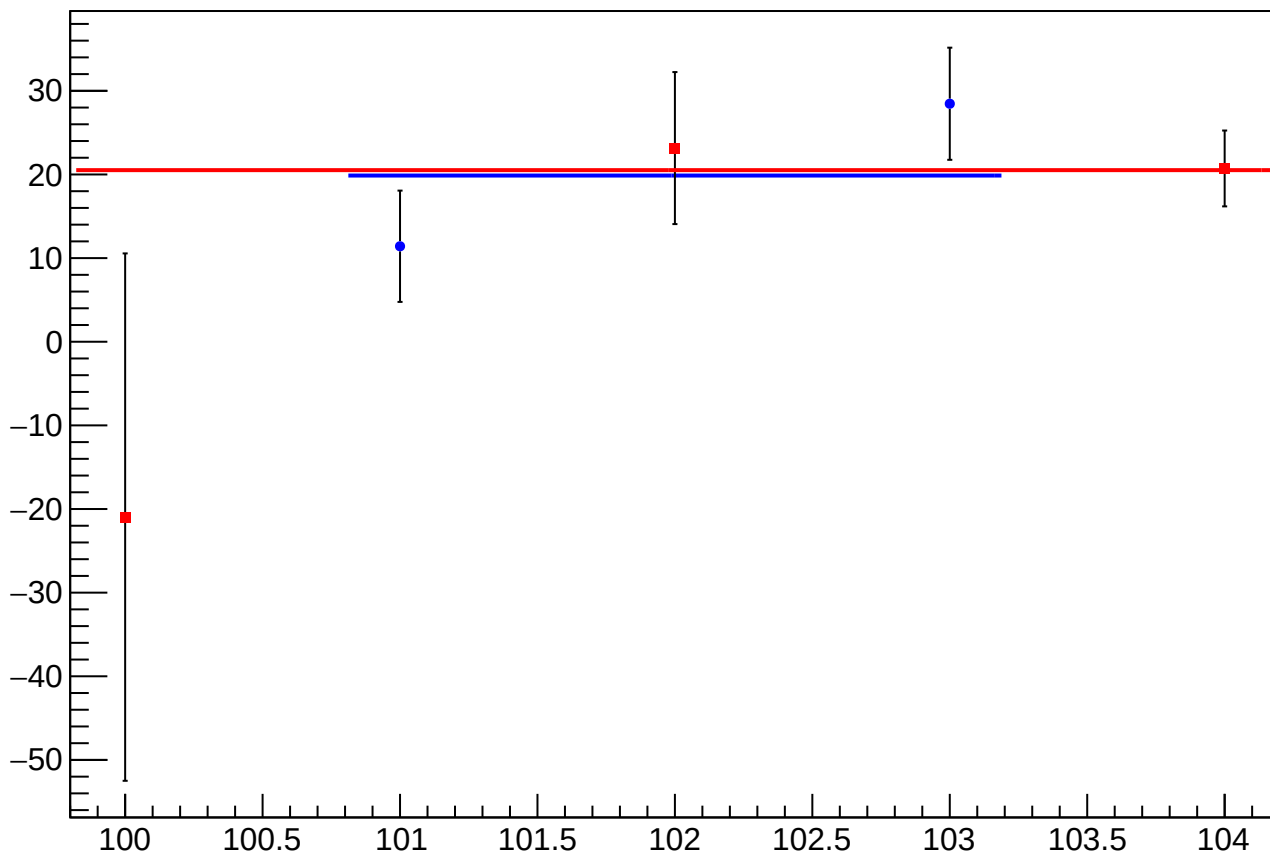
Right: -102.974+/-3.454 χ^2/NDF : 21.9/4

In: -104.351+/-5.070 χ^2/NDF : 17.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.974+/-3.454 χ^2/NDF : 21.9/4

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.872 $\pm$ 4.723 χ^2 /NDF: 3.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.518 $\pm$ 4.024 χ^2 /NDF: 1.8/2

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

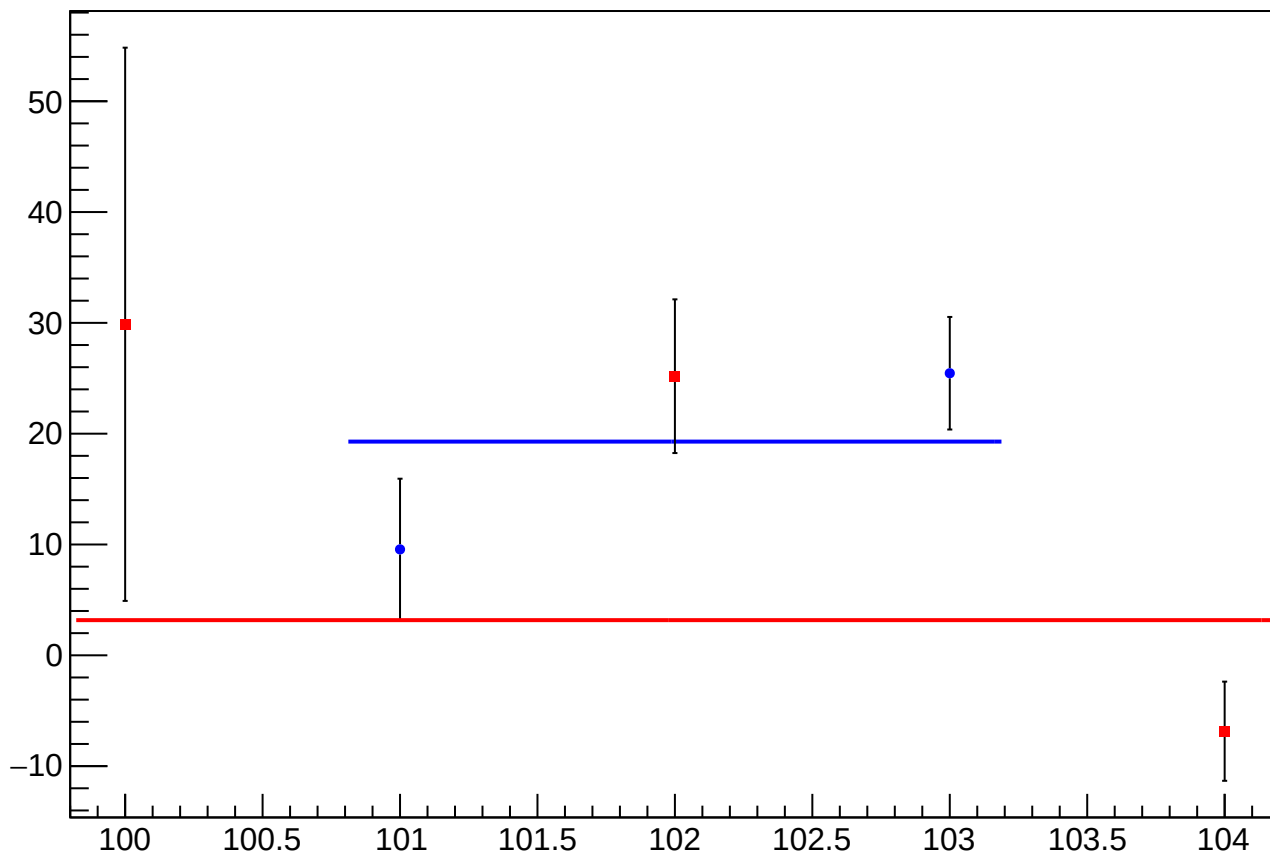
Right: 20.246 $\pm$ 3.063 χ^2 /NDF: 5.1/4

In: 19.872 $\pm$ 4.723 χ^2 /NDF: 3.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.246 $\pm$ 3.063 χ^2 /NDF: 5.1/4

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: 3.174+/-3.718 χ^2/NDF : 16.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

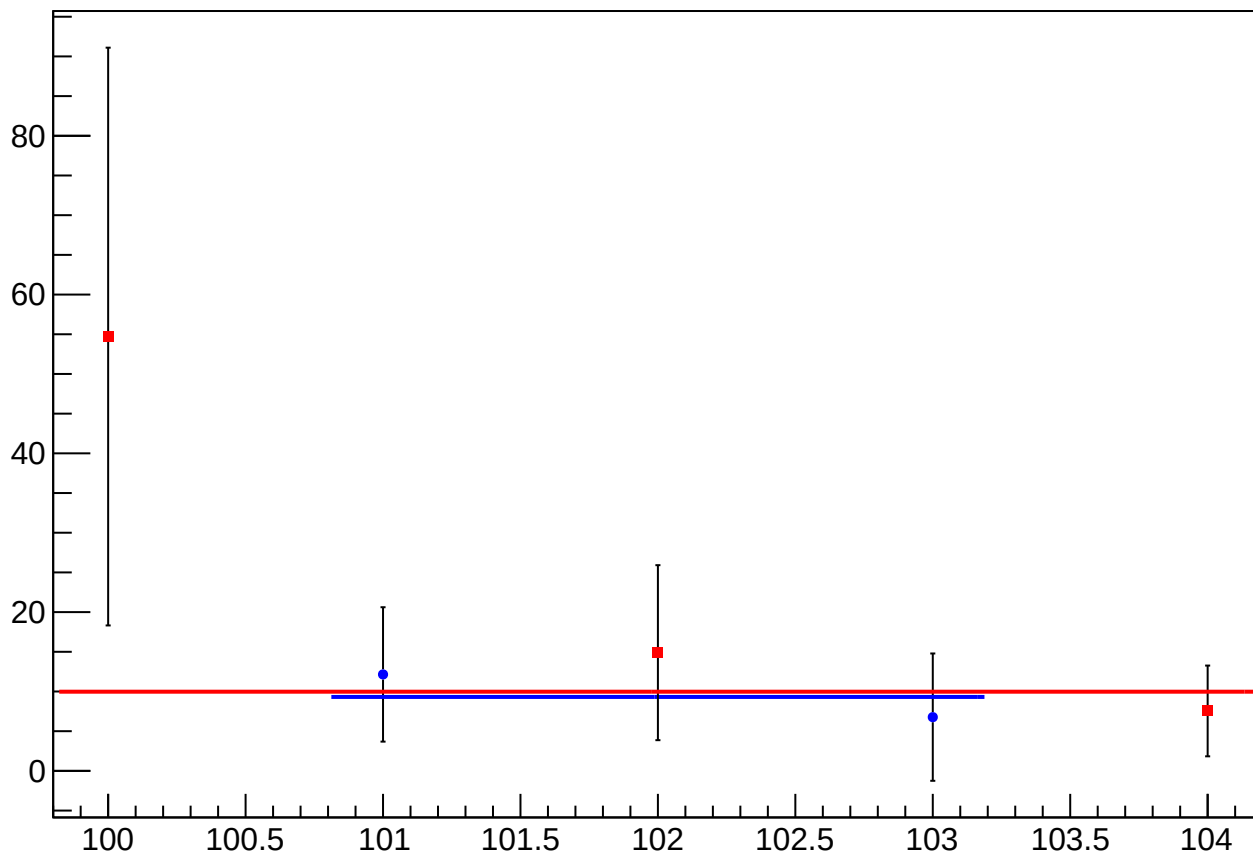
Right: 10.696+/-2.715 χ^2/NDF : 28.8/4

In: 19.286+/-3.973 χ^2/NDF : 3.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.696+/-2.715 χ^2/NDF : 28.8/4

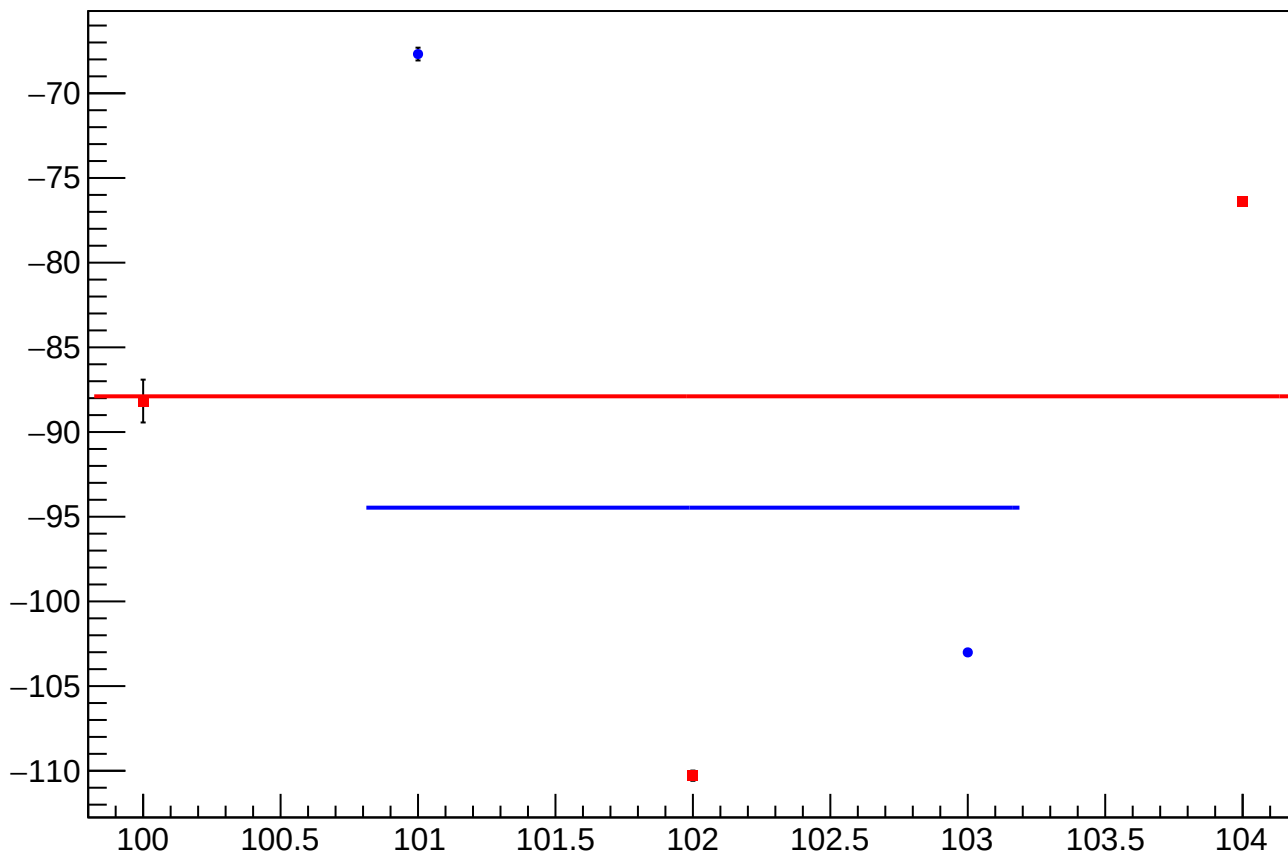
reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 9.975+/-5.026 χ^2/NDF : 1.9/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 9.693+/-3.804 χ^2/NDF : 2.1/4
 In: 9.314+/-5.822 χ^2/NDF : 0.2/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.693+/-3.804 χ^2/NDF : 2.1/4

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: -87.891 ± 0.174 χ^2/NDF : 8349.7/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

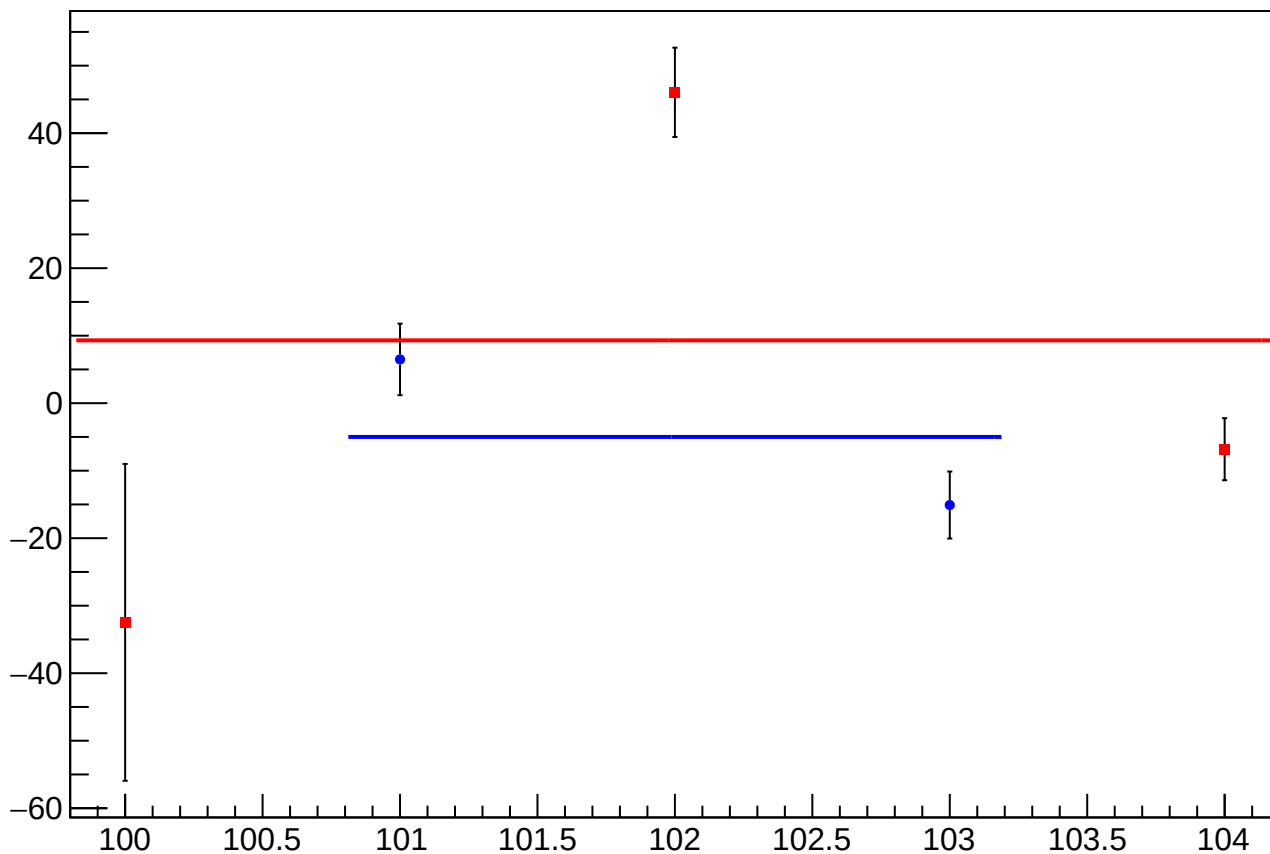
Right: -90.967 ± 0.127 χ^2/NDF : 15651.6/4

In: -94.465 ± 0.186 χ^2/NDF : 6635.0/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -90.967 ± 0.127 χ^2/NDF : 15651.6/4

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: 9.309+/-3.726 χ^2/NDF : 46.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

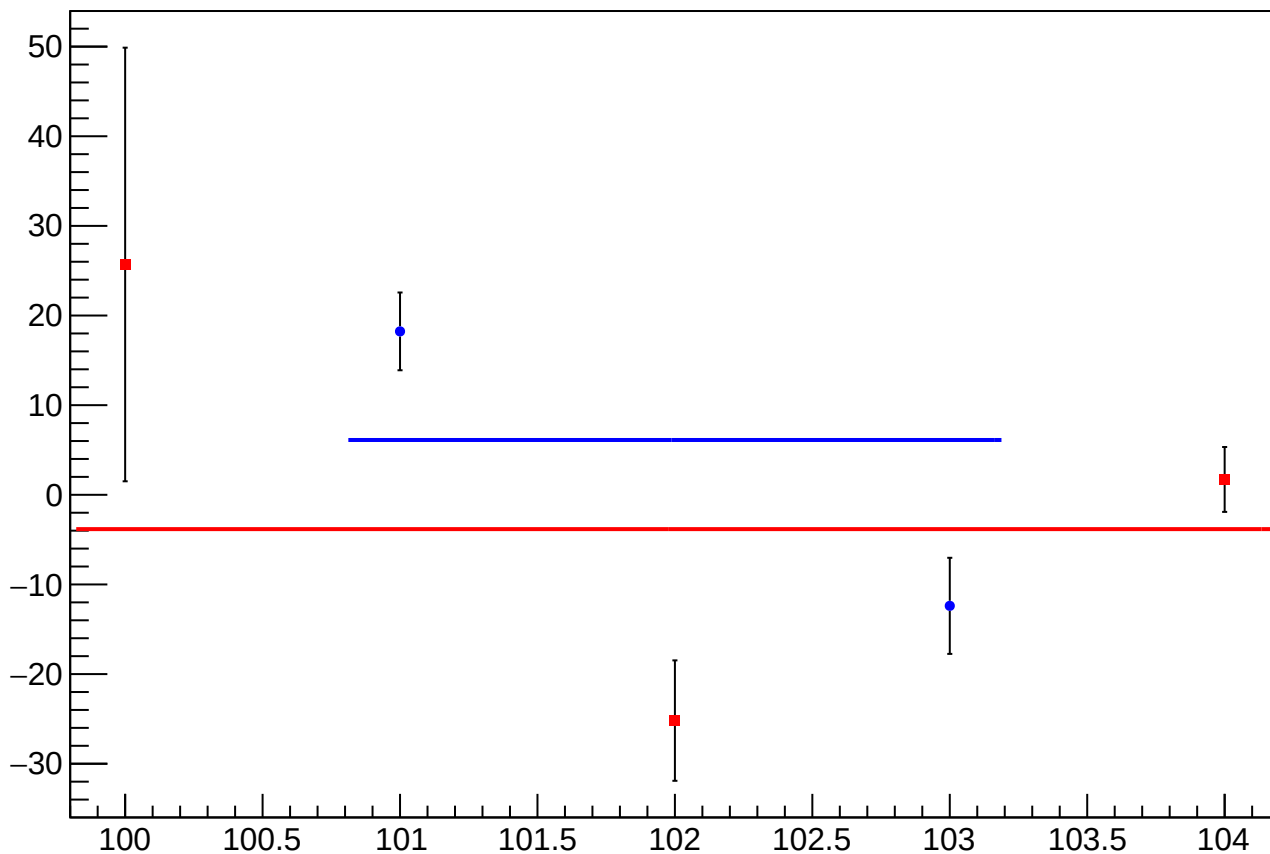
Right: 1.953+/-2.597 χ^2/NDF : 62.7/4

In: -4.999+/-3.622 χ^2/NDF : 8.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.953+/-2.597 χ^2/NDF : 62.7/4

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.115 ± 3.372 $\chi^2/\text{NDF}: 19.7/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.828 ± 3.159 $\chi^2/\text{NDF}: 13.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

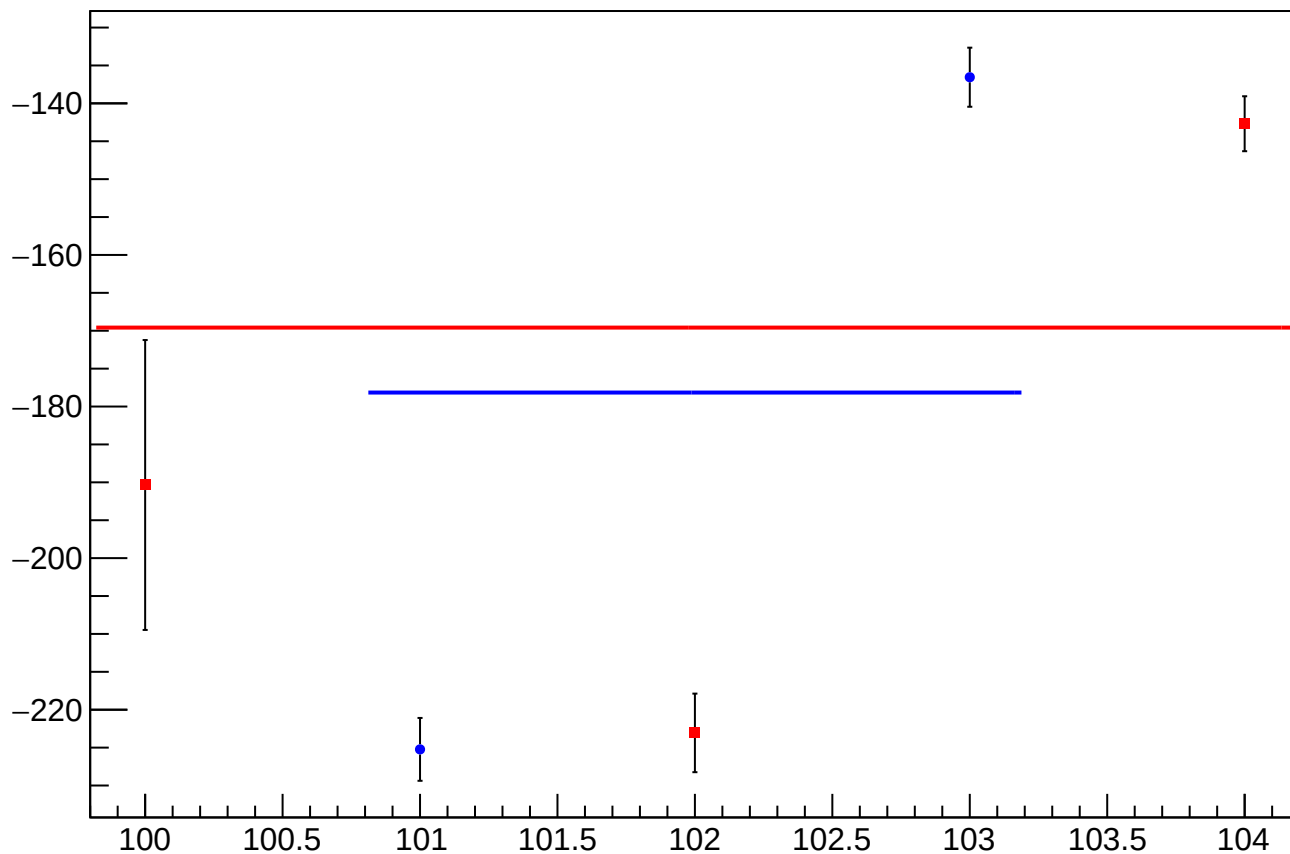
Right: 0.820 ± 2.305 $\chi^2/\text{NDF}: 38.3/4$

In: 6.115 ± 3.372 $\chi^2/\text{NDF}: 19.7/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.820 ± 2.305 $\chi^2/\text{NDF}: 38.3/4$

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: -169.585+/-2.935 χ^2/NDF : 162.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

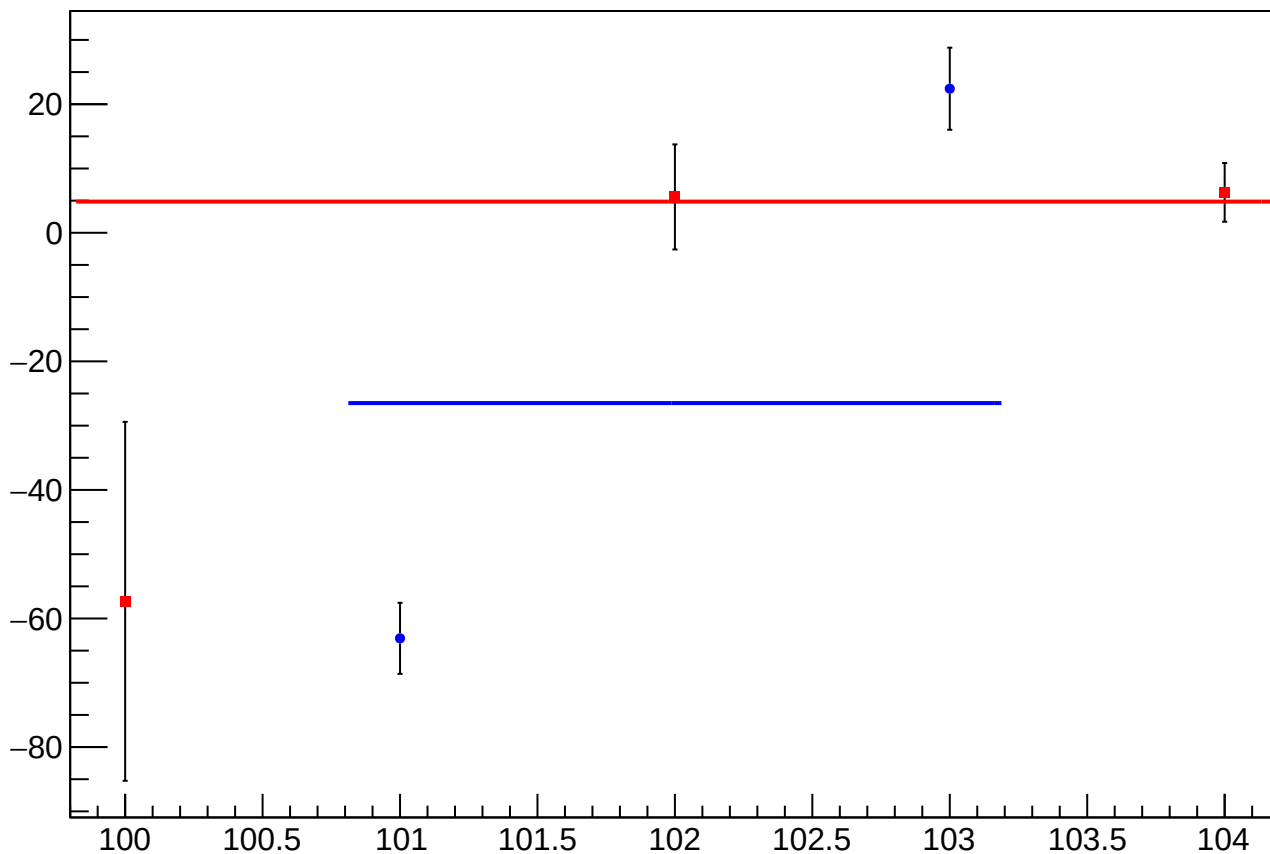
Right: -174.011+/-2.041 χ^2/NDF : 409.9/4

In: -178.154+/-2.840 χ^2/NDF : 242.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -174.011+/-2.041 χ^2/NDF : 409.9/4

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: 4.849 ± 3.945 $\chi^2/\text{NDF}: 5.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

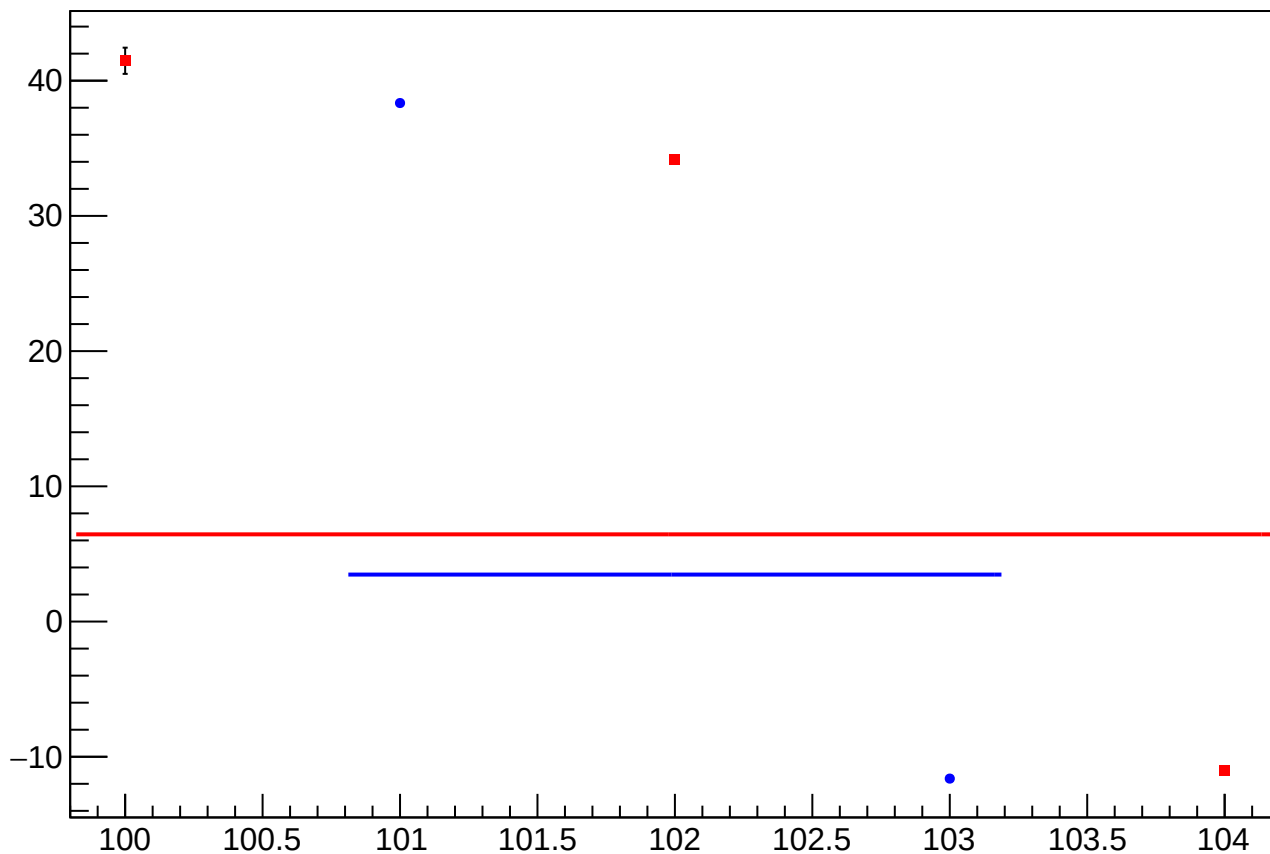
Right: -9.924 ± 2.868 $\chi^2/\text{NDF}: 137.3/4$

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: -9.924 ± 2.868 $\chi^2/\text{NDF}: 137.3/4$

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 3.474 ± 0.136 $\chi^2/\text{NDF}: 28473.1/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 6.449 ± 0.137 $\chi^2/\text{NDF}: 26370.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

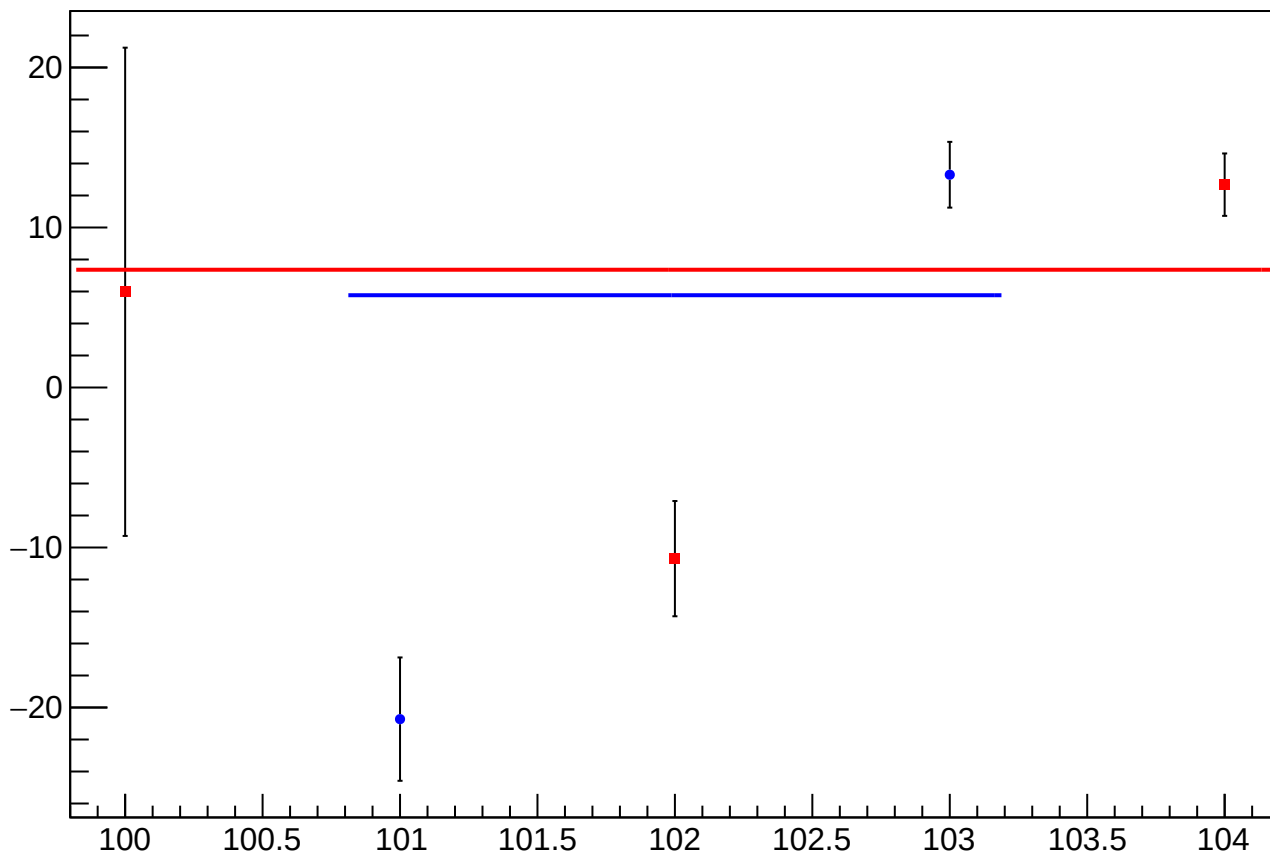
Right: 4.955 ± 0.096 $\chi^2/\text{NDF}: 55081.5/4$

In: 3.474 ± 0.136 $\chi^2/\text{NDF}: 28473.1/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.955 ± 0.096 $\chi^2/\text{NDF}: 55081.5/4$

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: 7.360 $\pm$ 1.704 χ^2 /NDF: 32.6/2

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

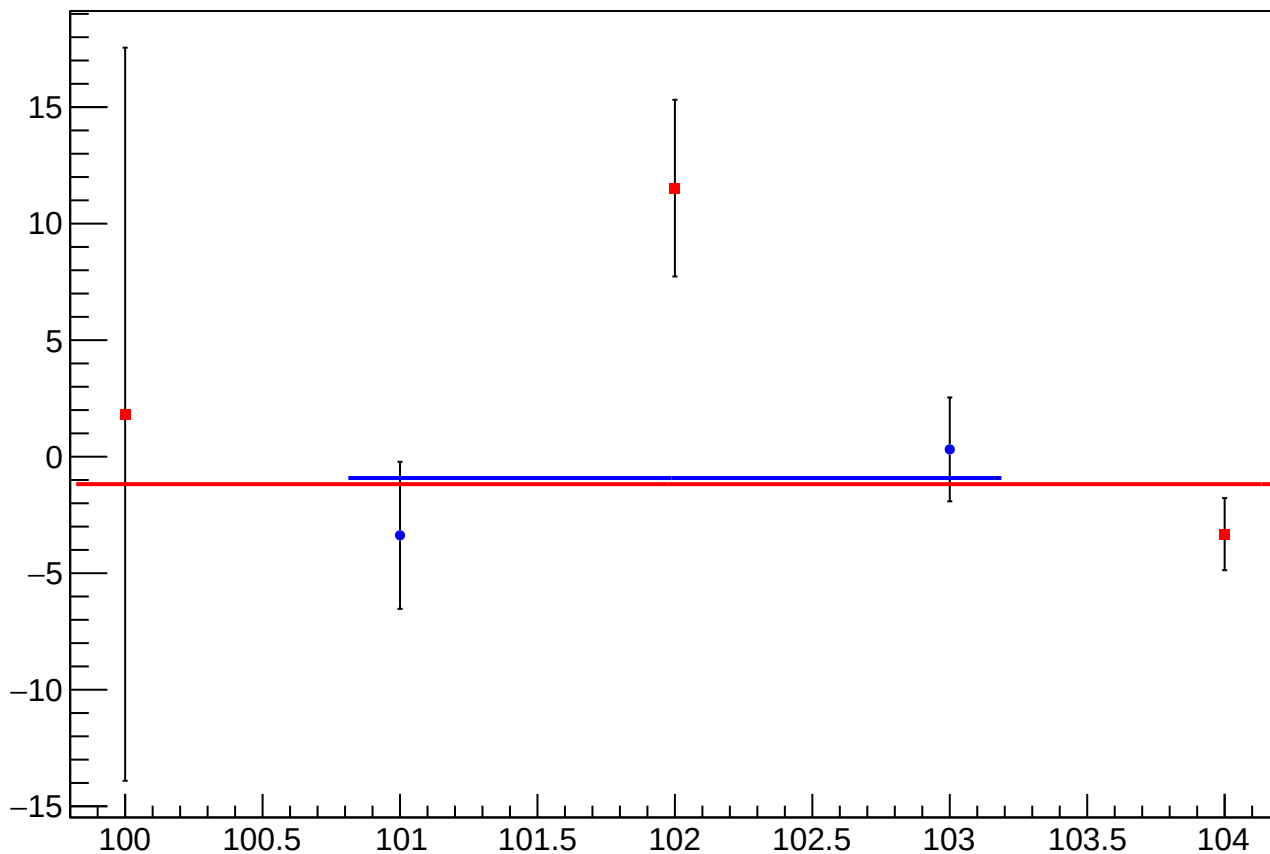
Right: 6.613 $\pm$ 1.242 χ^2 /NDF: 93.7/4

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: 6.613 $\pm$ 1.242 χ^2 /NDF: 93.7/4

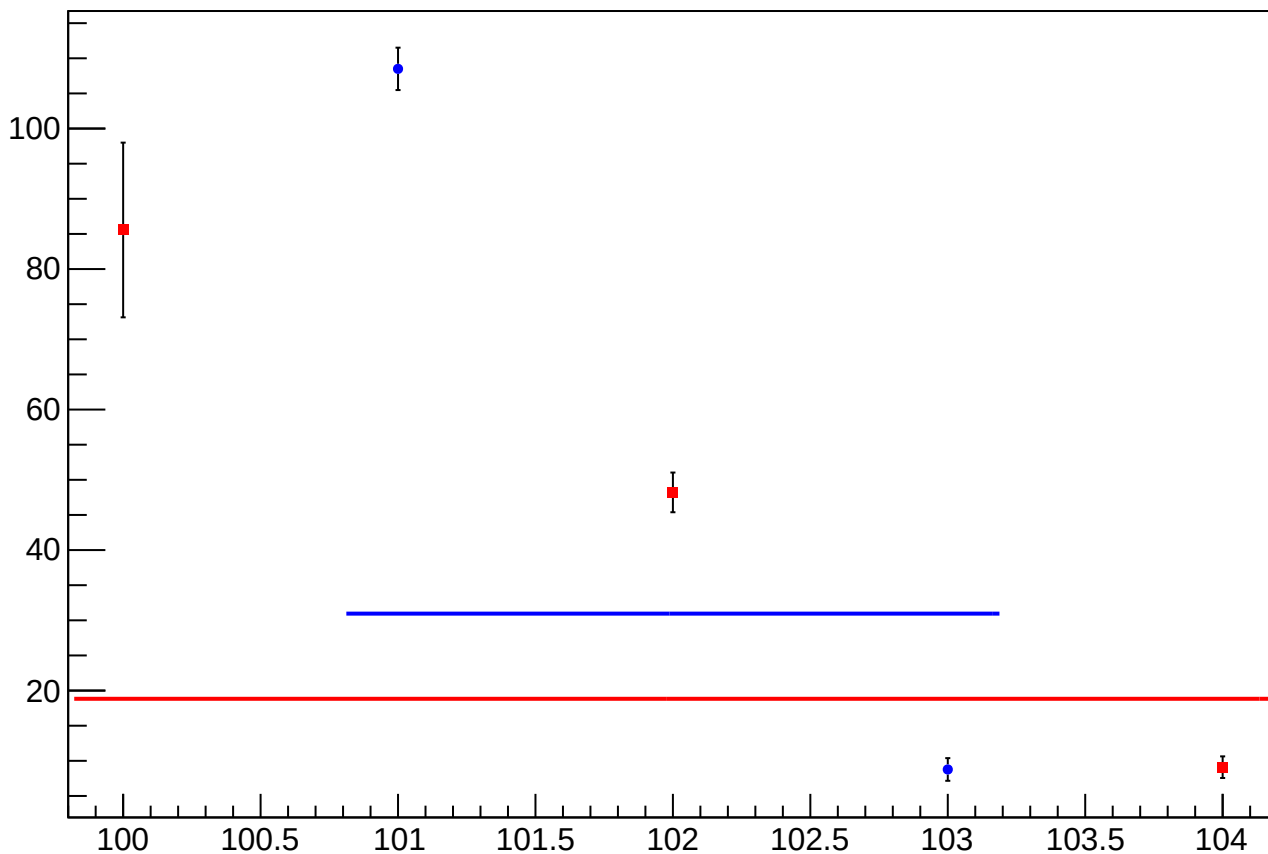
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



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: -1.178+/-1.426 χ^2/NDF : 13.2/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.078+/-1.123 χ^2/NDF : 14.1/4
 In: -0.915+/-1.821 χ^2/NDF : 0.9/1
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.078+/-1.123 χ^2/NDF : 14.1/4

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.954 $\pm$ 1.423 χ^2 /NDF: 849.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.831 $\pm$ 1.343 χ^2 /NDF: 177.0/2

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

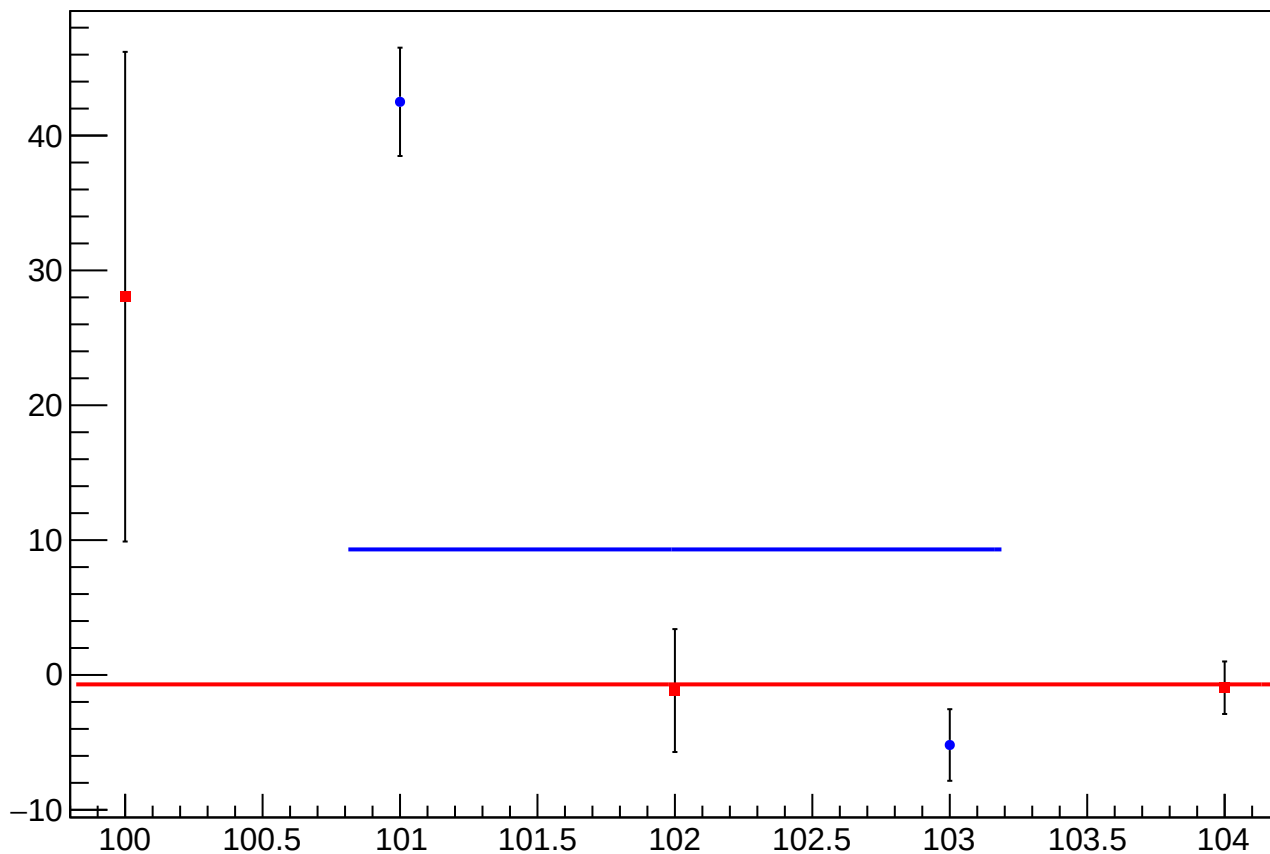
Right: 24.544 $\pm$ 0.977 χ^2 /NDF: 1065.1/4

In: 30.954 $\pm$ 1.423 χ^2 /NDF: 849.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.544 $\pm$ 0.977 χ^2 /NDF: 1065.1/4

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: -0.698+/-1.782 χ^2/NDF : 2.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

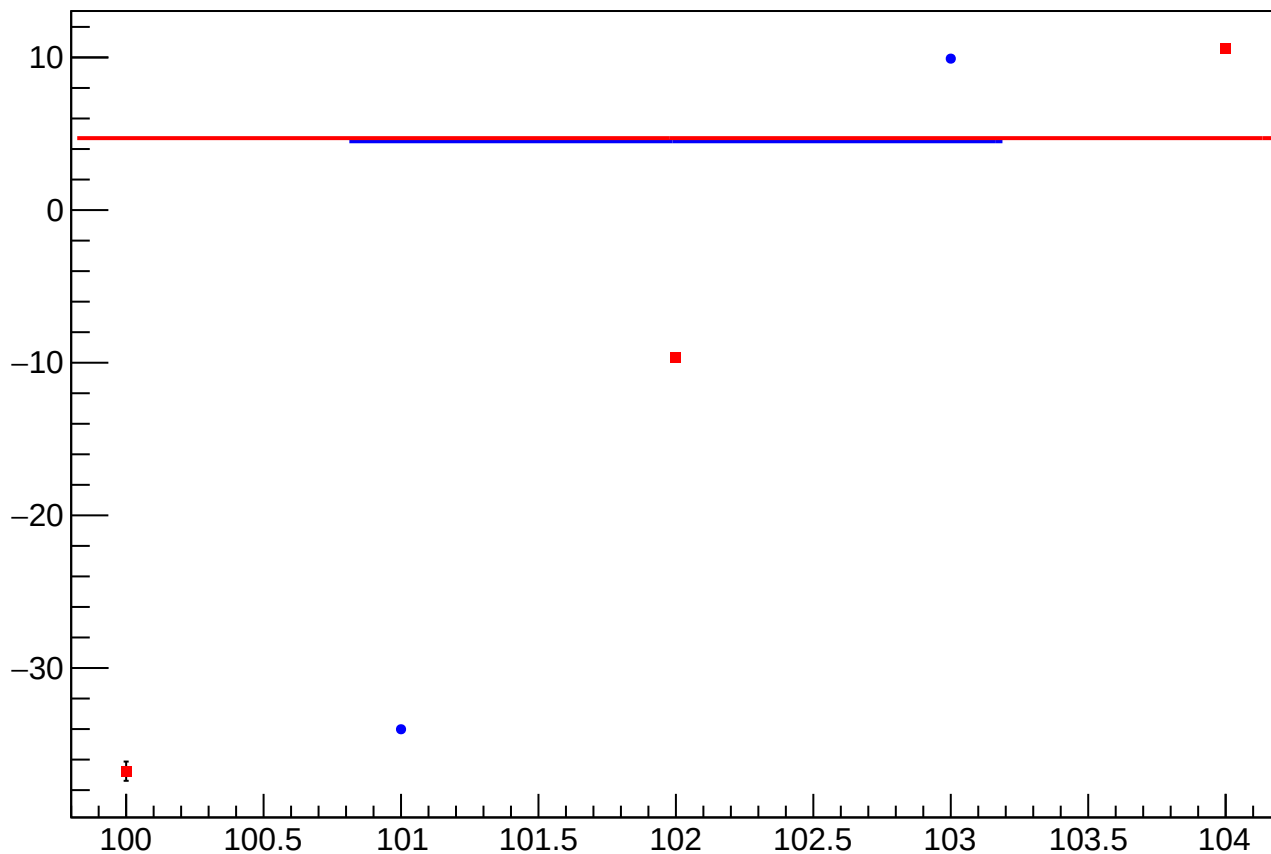
Right: 3.235+/-1.388 χ^2/NDF : 113.0/4

In: 9.310+/-2.215 χ^2/NDF : 98.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.235+/-1.388 χ^2/NDF : 113.0/4

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 4.508 $\pm$ 0.063 χ^2 /NDF: 52422.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.713 $\pm$ 0.062 χ^2 /NDF: 24837.6/2

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

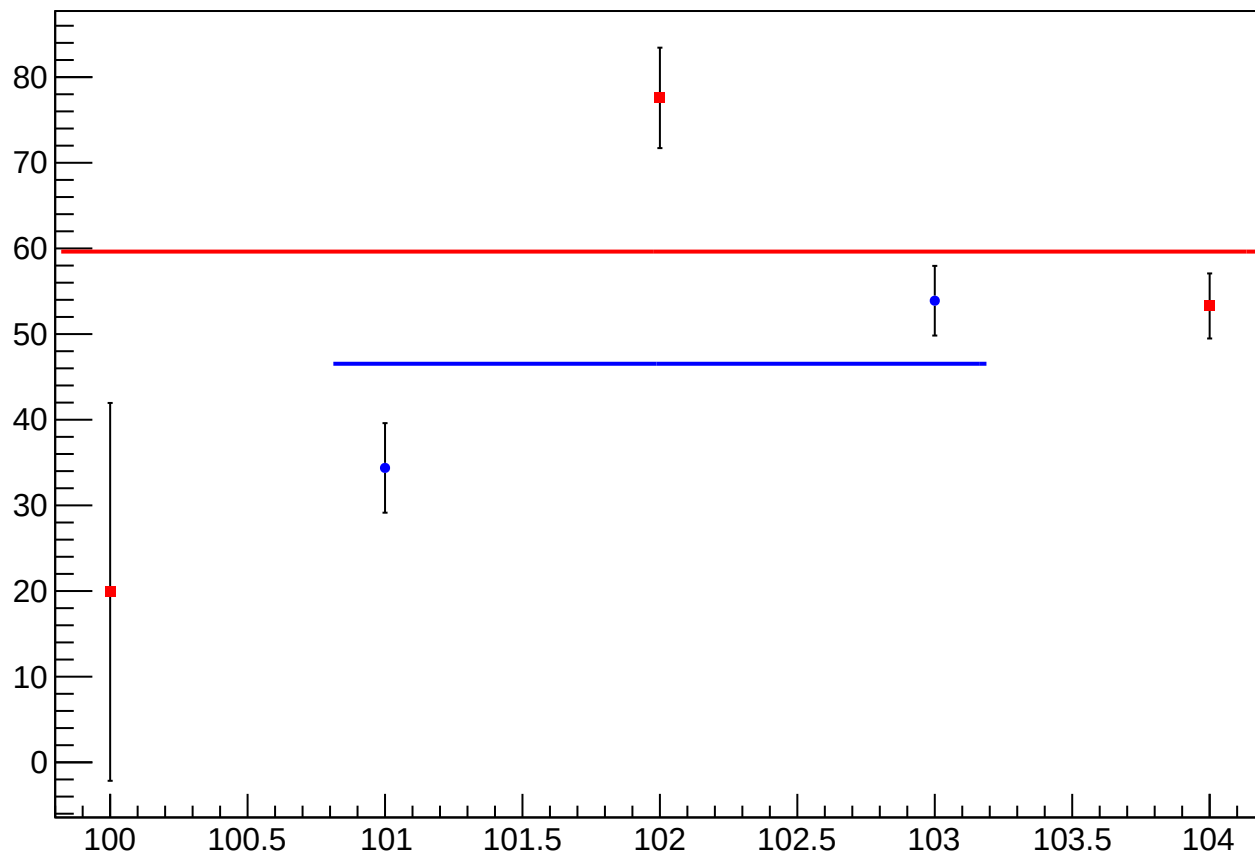
Right: 4.612 $\pm$ 0.044 χ^2 /NDF: 77265.7/4

In: 4.508 $\pm$ 0.063 χ^2 /NDF: 52422.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.612 $\pm$ 0.044 χ^2 /NDF: 77265.7/4

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: 59.632+/-3.155 χ^2/NDF : 15.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

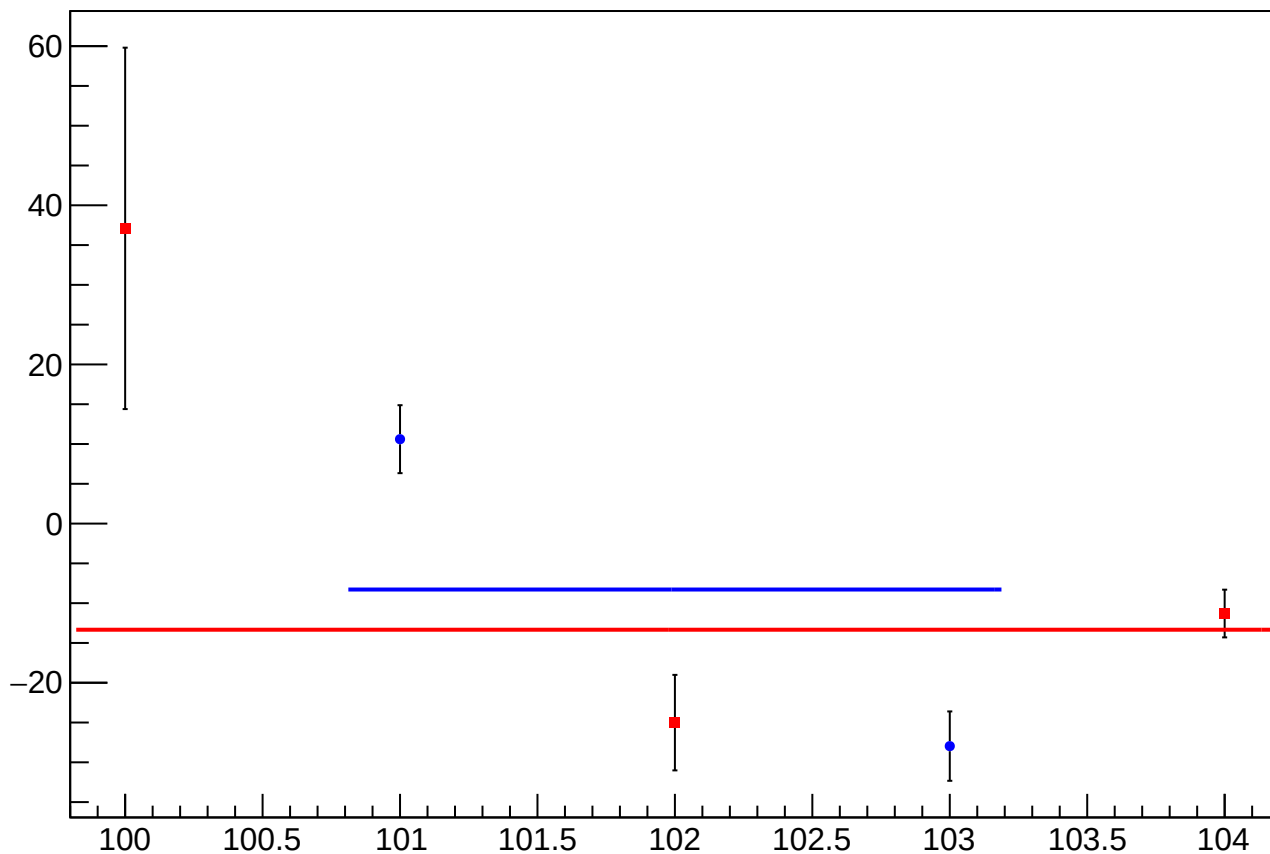
Right: 53.198+/-2.250 χ^2/NDF : 32.6/4

In: 46.535+/-3.210 χ^2/NDF : 8.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.198+/-2.250 χ^2/NDF : 32.6/4

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: -13.338+/-2.664 χ^2/NDF : 9.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

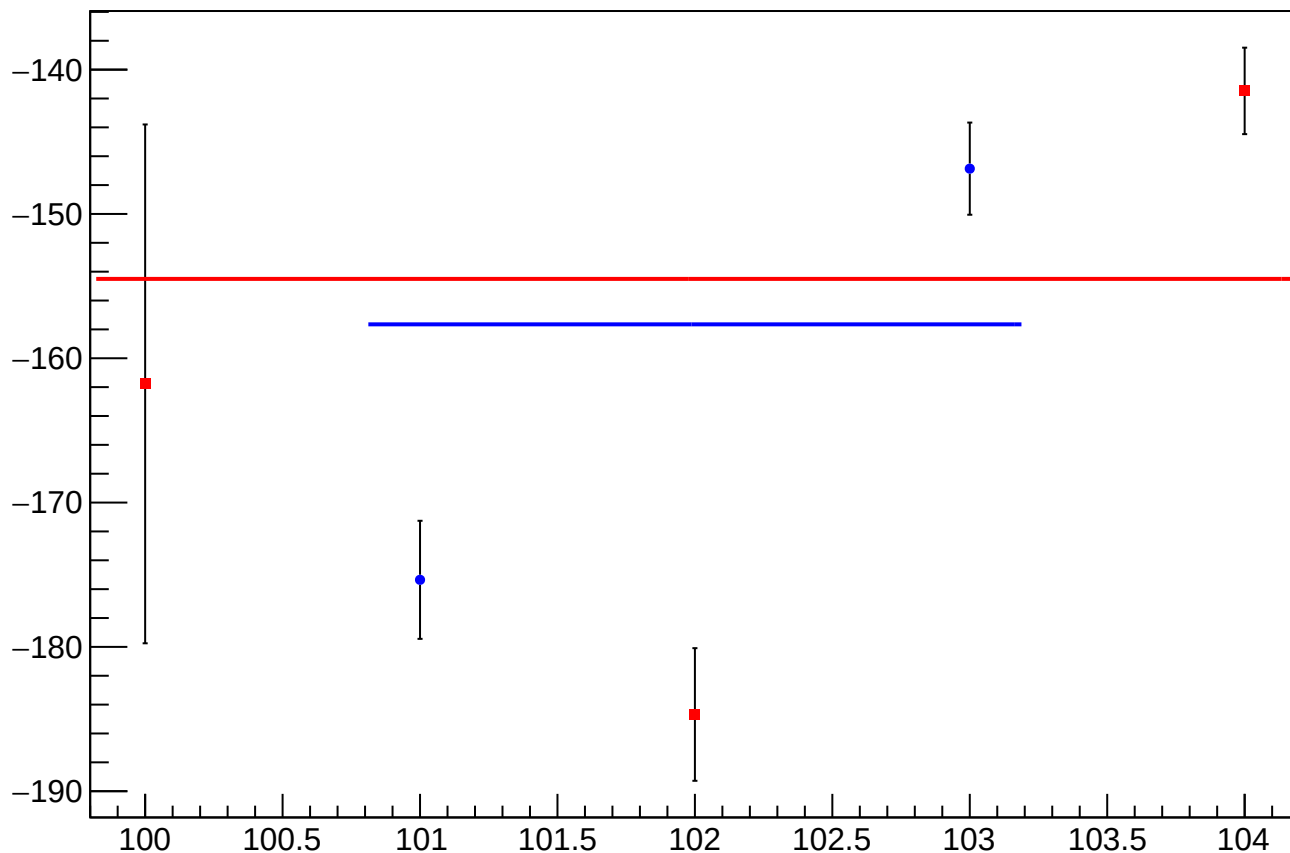
Right: -11.152+/-2.006 χ^2/NDF : 50.7/4

In: -8.286+/-3.051 χ^2/NDF : 40.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.152+/-2.006 χ^2/NDF : 50.7/4

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: -154.501+/-2.486 χ^2/NDF : 62.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

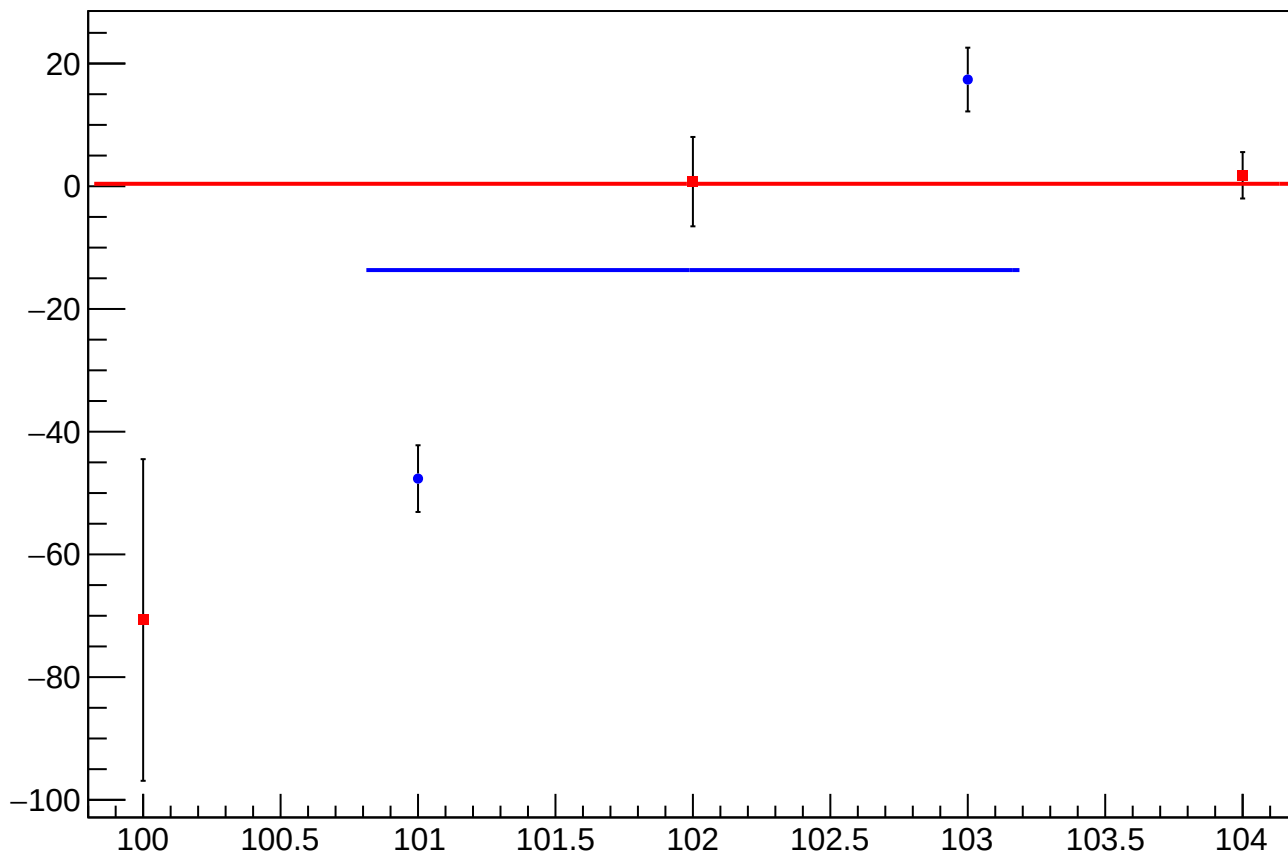
Right: -156.055+/-1.769 χ^2/NDF : 93.1/4

In: -157.650+/-2.517 χ^2/NDF : 30.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.055+/-1.769 χ^2/NDF : 93.1/4

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.661 $\pm$ 3.756 χ^2 /NDF: 74.8/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.401 $\pm$ 3.329 χ^2 /NDF: 7.5/2

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

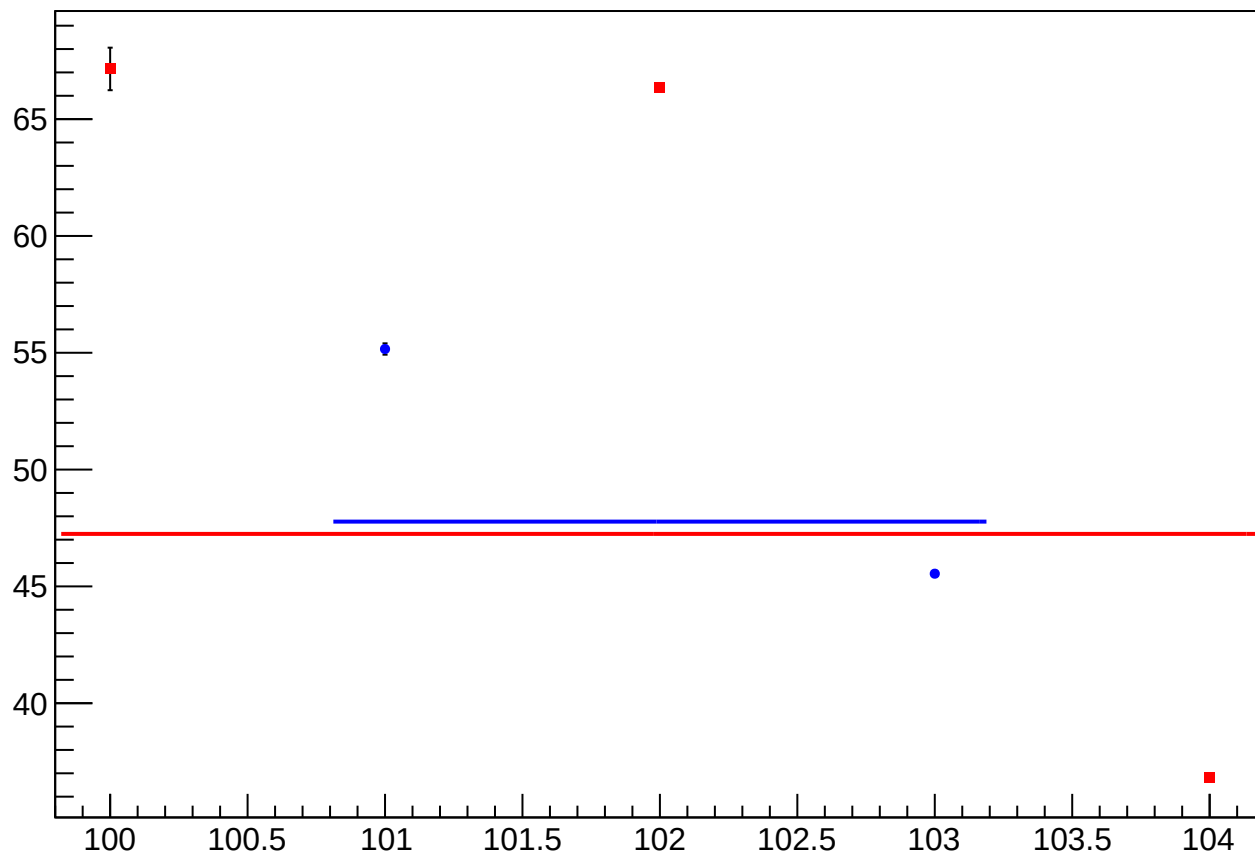
Right: -5.786 $\pm$ 2.491 χ^2 /NDF: 90.2/4

In: -13.661 $\pm$ 3.756 χ^2 /NDF: 74.8/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.786 $\pm$ 2.491 χ^2 /NDF: 90.2/4

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: 47.247+/-0.116 χ^2/NDF : 14865.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

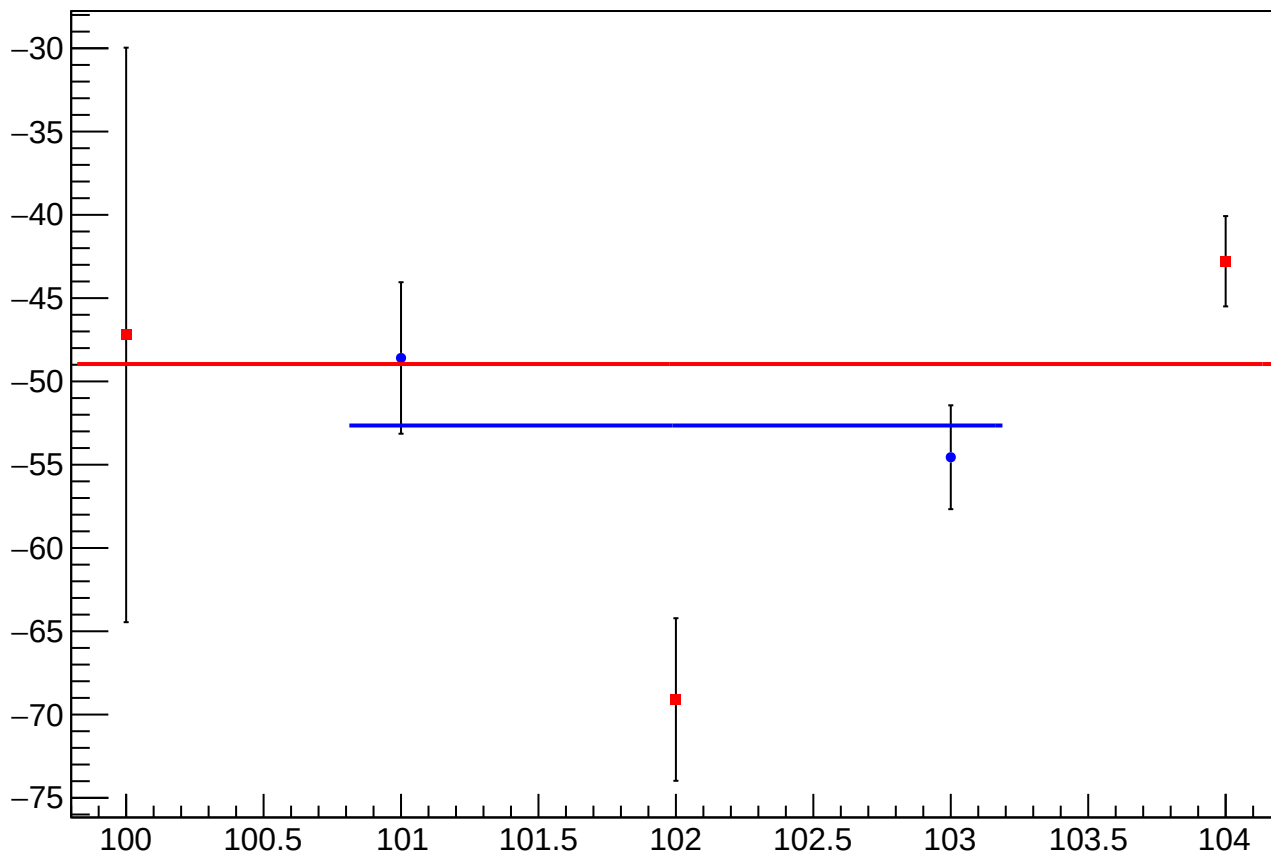
Right: 47.508+/-0.082 χ^2/NDF : 16080.6/4

In: 47.773+/-0.117 χ^2/NDF : 1204.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.508+/-0.082 χ^2/NDF : 16080.6/4

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: -48.956 $\pm$ 2.348 χ^2 /NDF: 22.2/2

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

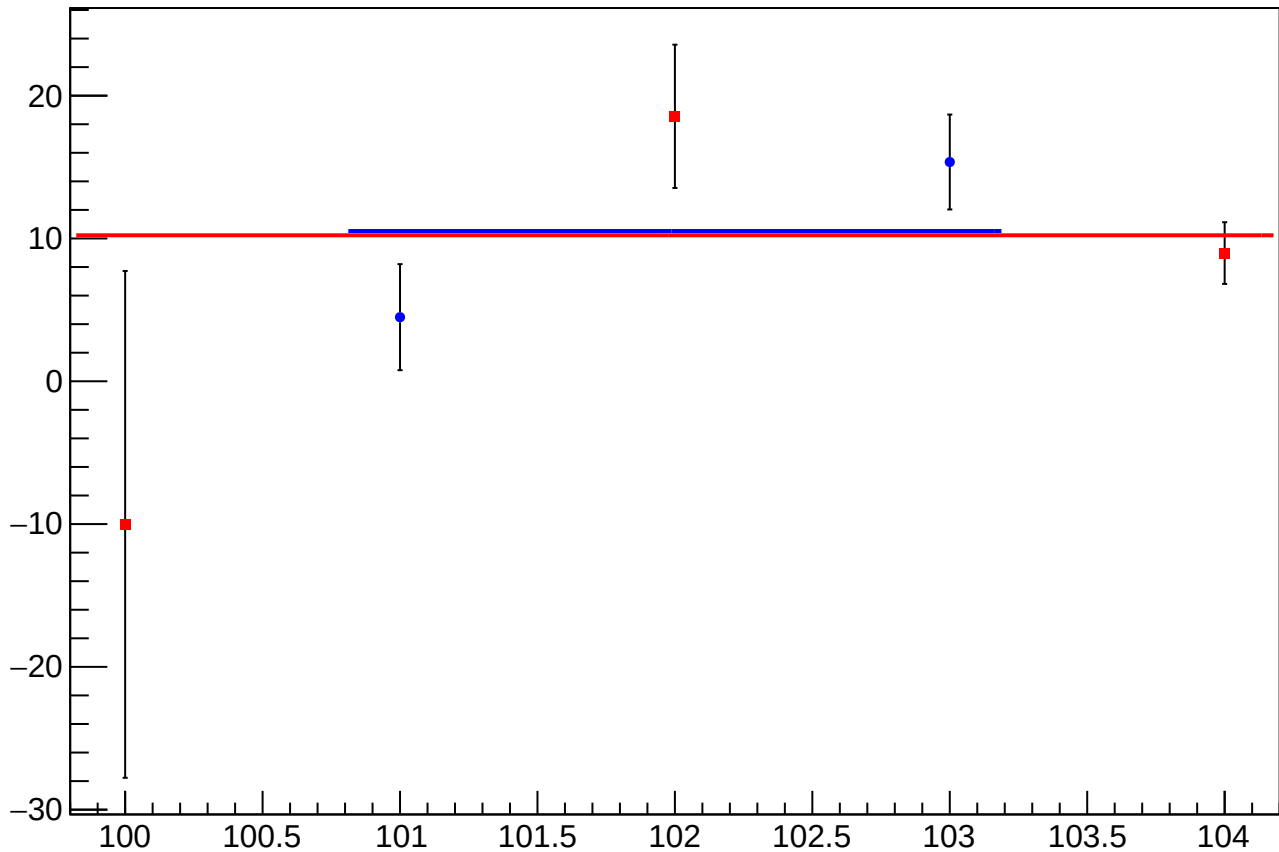
Right: -50.634 $\pm$ 1.734 χ^2 /NDF: 24.5/4

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: -50.634 $\pm$ 1.734 χ^2 /NDF: 24.5/4

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: 10.223+/-1.972 χ^2/NDF : 4.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

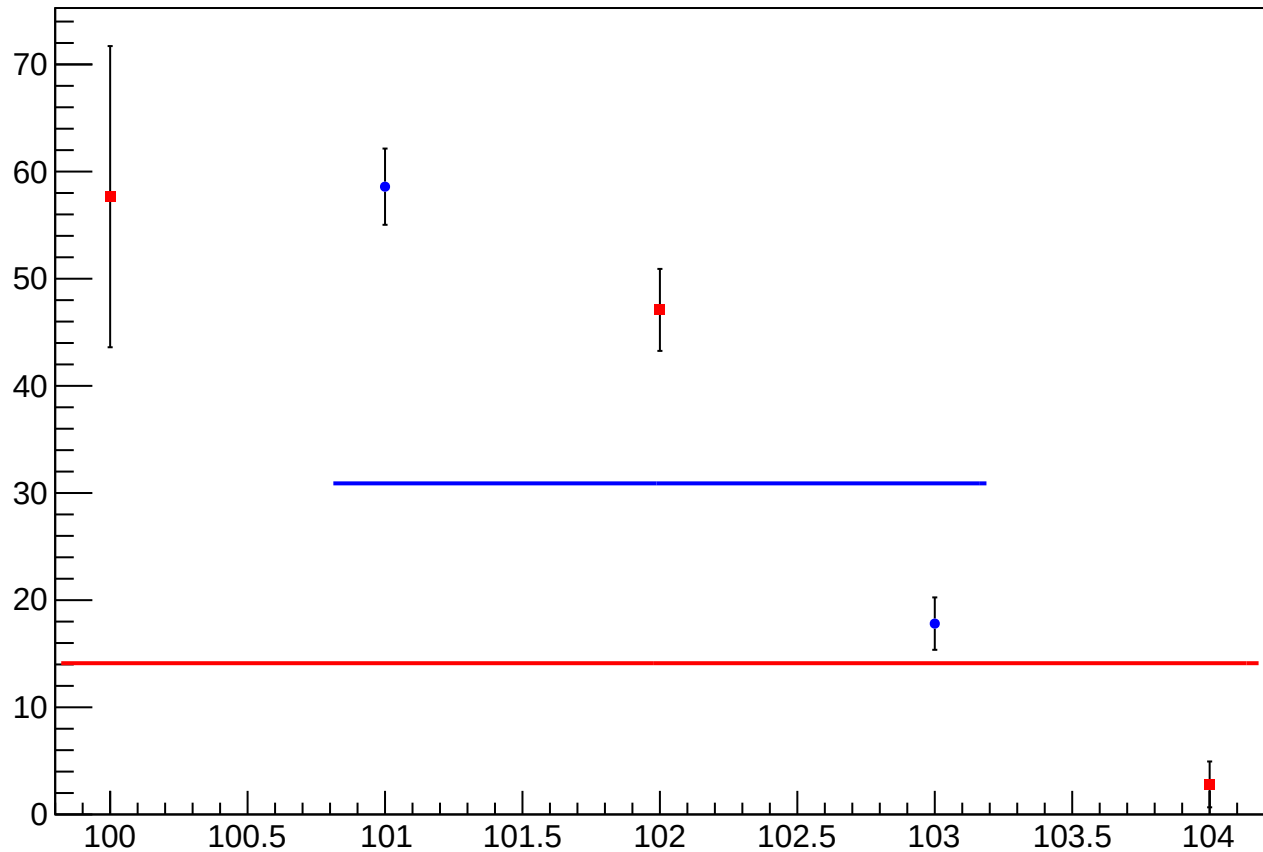
Right: 10.339+/-1.542 χ^2/NDF : 9.2/4

In: 10.522+/-2.476 χ^2/NDF : 4.8/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.339+/-1.542 χ^2/NDF : 9.2/4

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 30.900+/-2.016 χ^2/NDF : 89.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.116+/-1.851 χ^2/NDF : 111.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

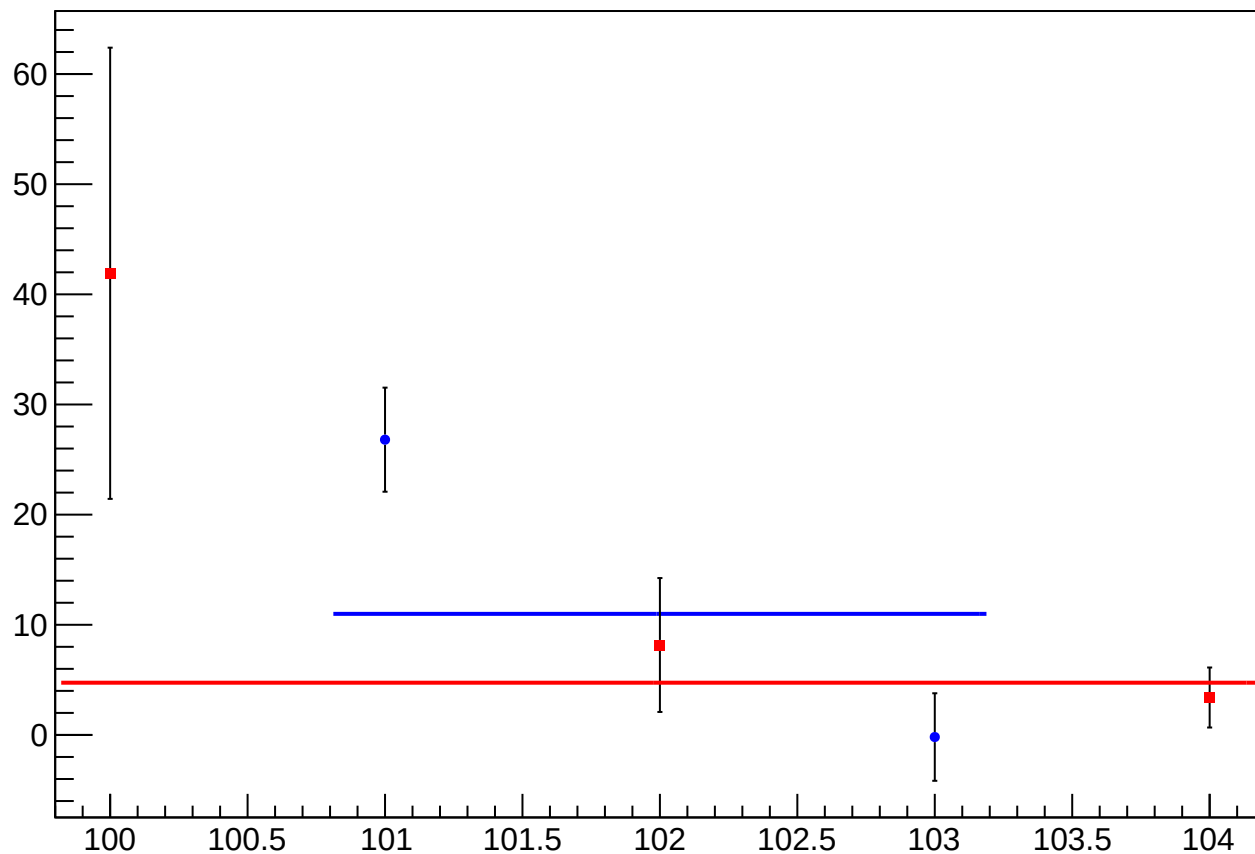
Right: 21.793+/-1.363 χ^2/NDF : 238.7/4

In: 30.900+/-2.016 χ^2/NDF : 89.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.793+/-1.363 χ^2/NDF : 238.7/4

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.992 $\pm$ 3.041 χ^2 /NDF: 19.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.743 $\pm$ 2.468 χ^2 /NDF: 3.9/2

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

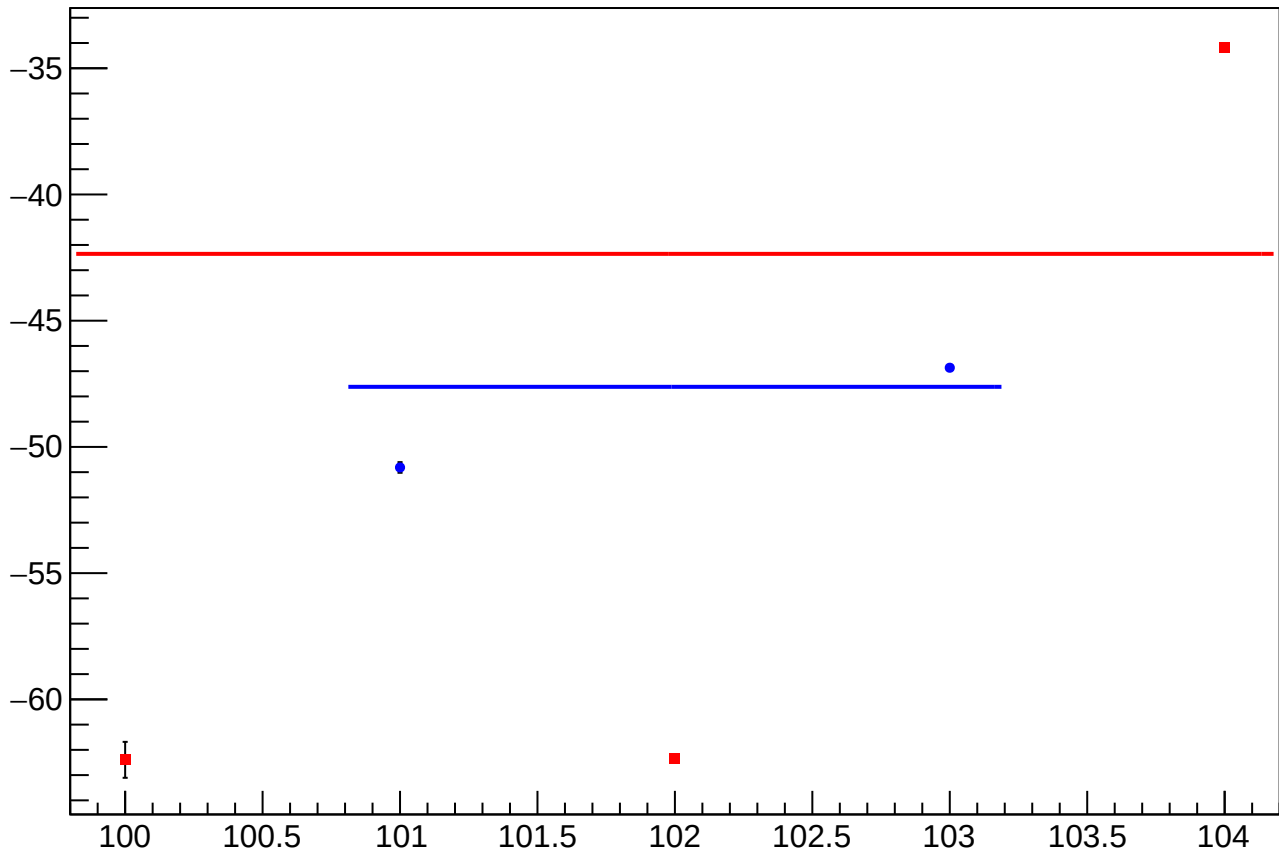
Right: 7.224 $\pm$ 1.916 χ^2 /NDF: 25.5/4

In: 10.992 $\pm$ 3.041 χ^2 /NDF: 19.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.224 $\pm$ 1.916 χ^2 /NDF: 25.5/4

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -47.620 ± 0.092 $\chi^2/\text{NDF}: 283.6/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.353 ± 0.087 $\chi^2/\text{NDF}: 21628.9/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

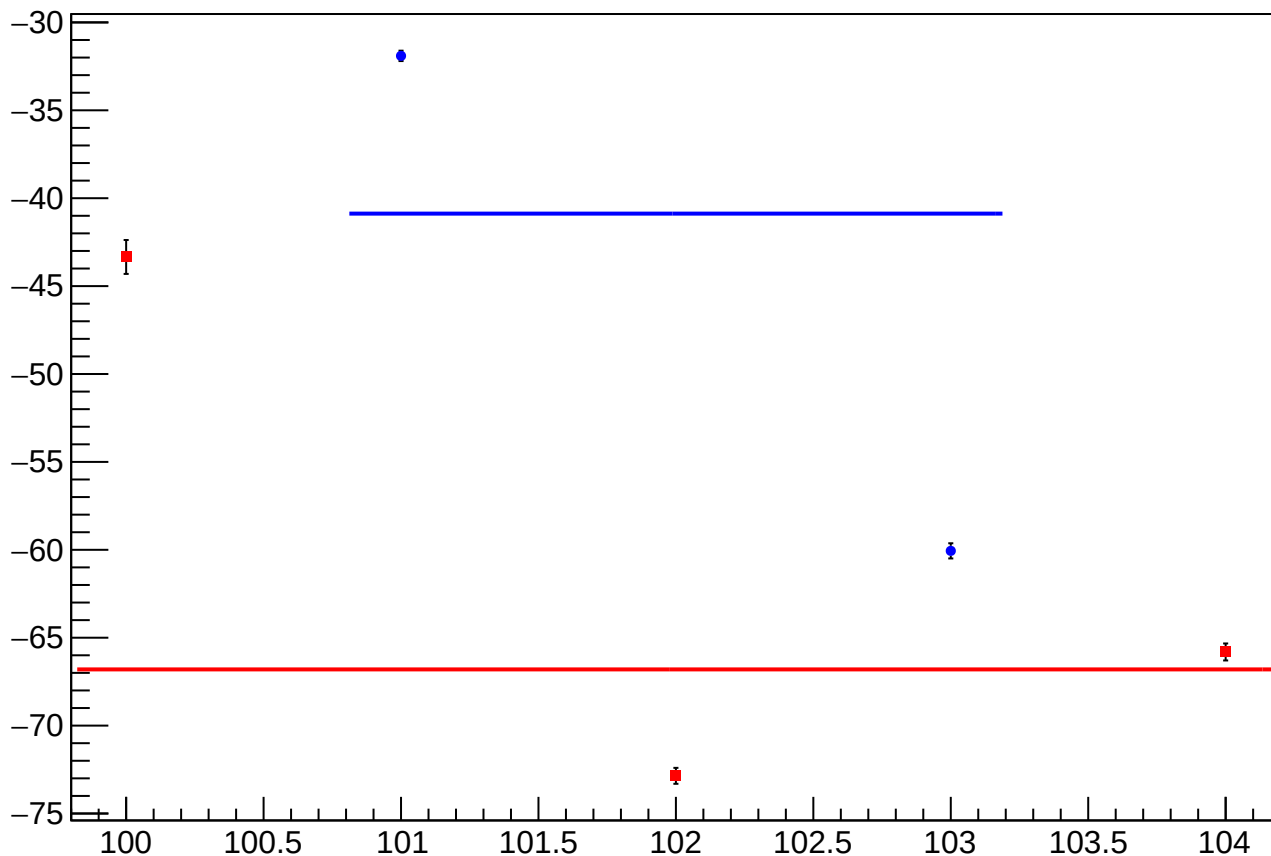
Right: -44.831 ± 0.063 $\chi^2/\text{NDF}: 23637.1/4$

In: -47.620 ± 0.092 $\chi^2/\text{NDF}: 283.6/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -44.831 ± 0.063 $\chi^2/\text{NDF}: 23637.1/4$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.876 $\pm$ 0.244 χ^2 /NDF: 2895.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.803 $\pm$ 0.313 χ^2 /NDF: 774.3/2

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

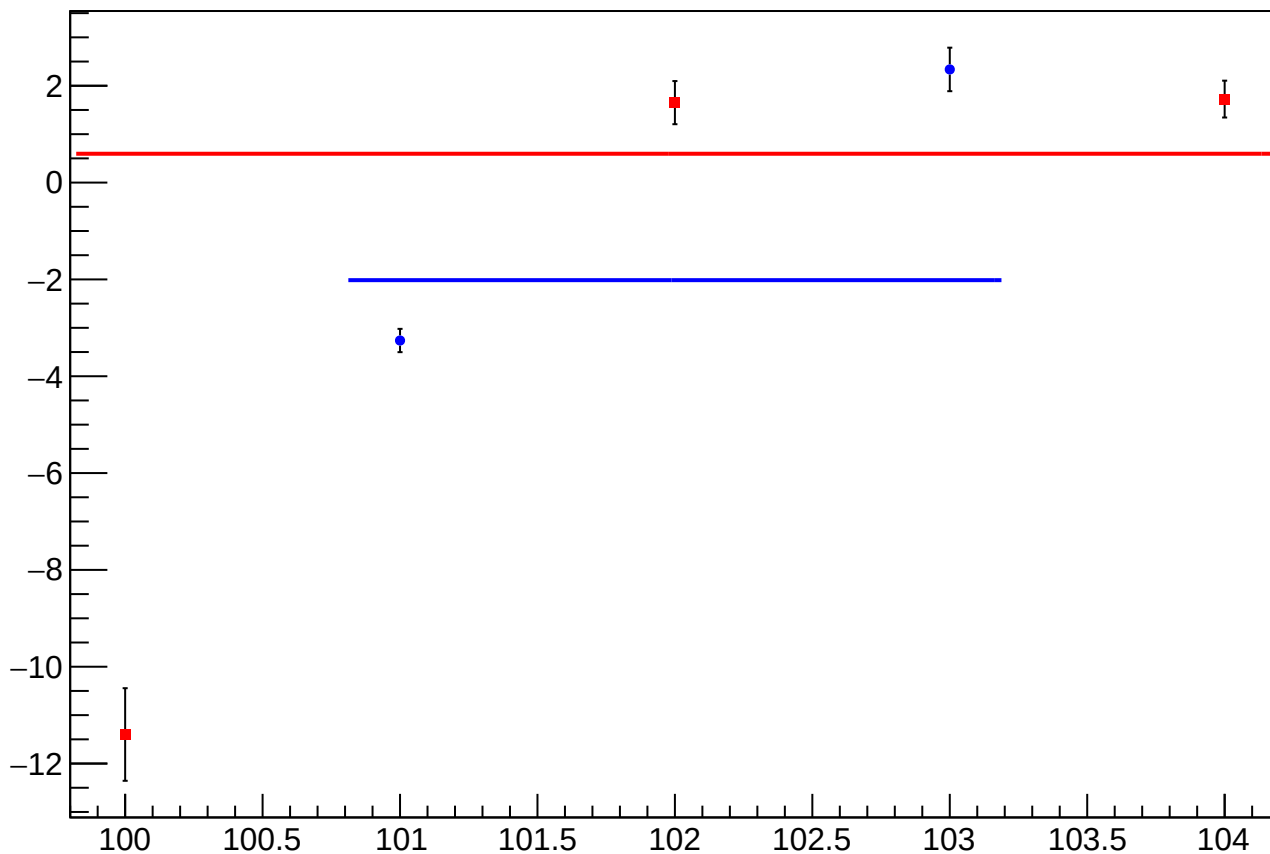
Right: -50.683 $\pm$ 0.192 χ^2 /NDF: 7946.7/4

In: -40.876 $\pm$ 0.244 χ^2 /NDF:2895.7/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.683 $\pm$ 0.192 χ^2 /NDF: 7946.7/4

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: 0.596+/-0.277 χ^2/NDF : 171.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

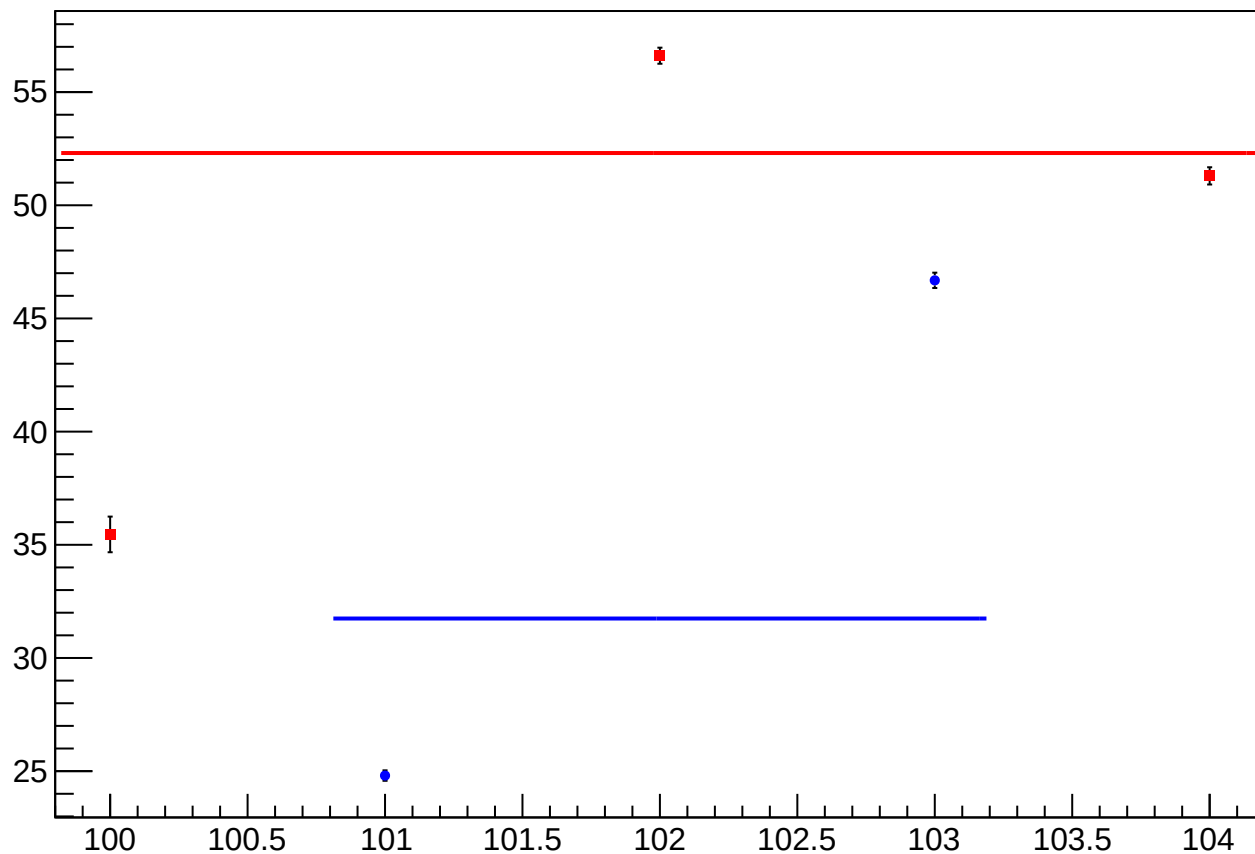
Right: -1.050+/-0.168 χ^2/NDF : 348.4/4

In: -2.015+/-0.212 χ^2/NDF : 120.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.050+/-0.168 χ^2/NDF : 348.4/4

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: 52.308+/-0.247 χ^2/NDF : 611.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

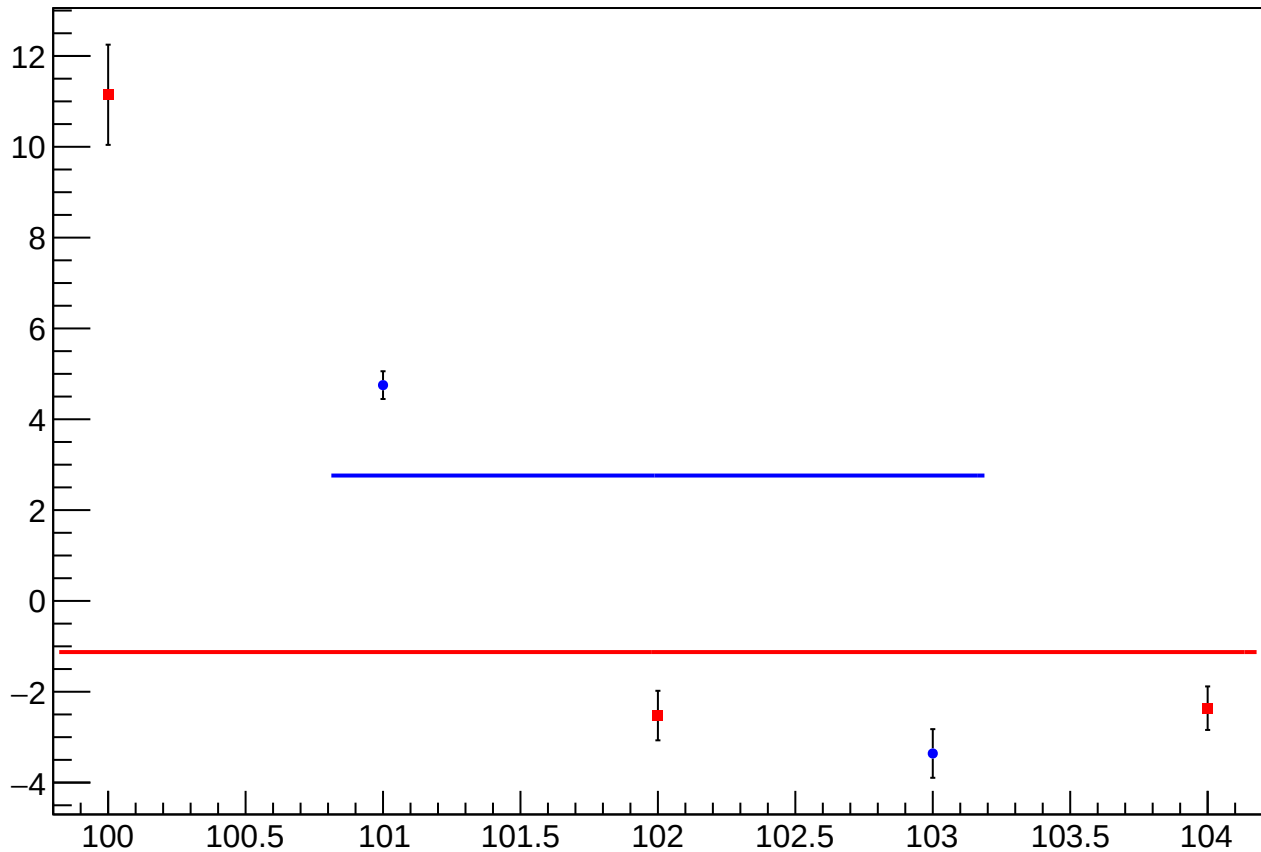
Right: 39.451+/-0.151 χ^2/NDF : 7806.4/4

In: 31.743+/-0.191 χ^2/NDF : 2844.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.451+/-0.151 χ^2/NDF : 7806.4/4

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: -1.126+/-0.342 χ^2/NDF : 137.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

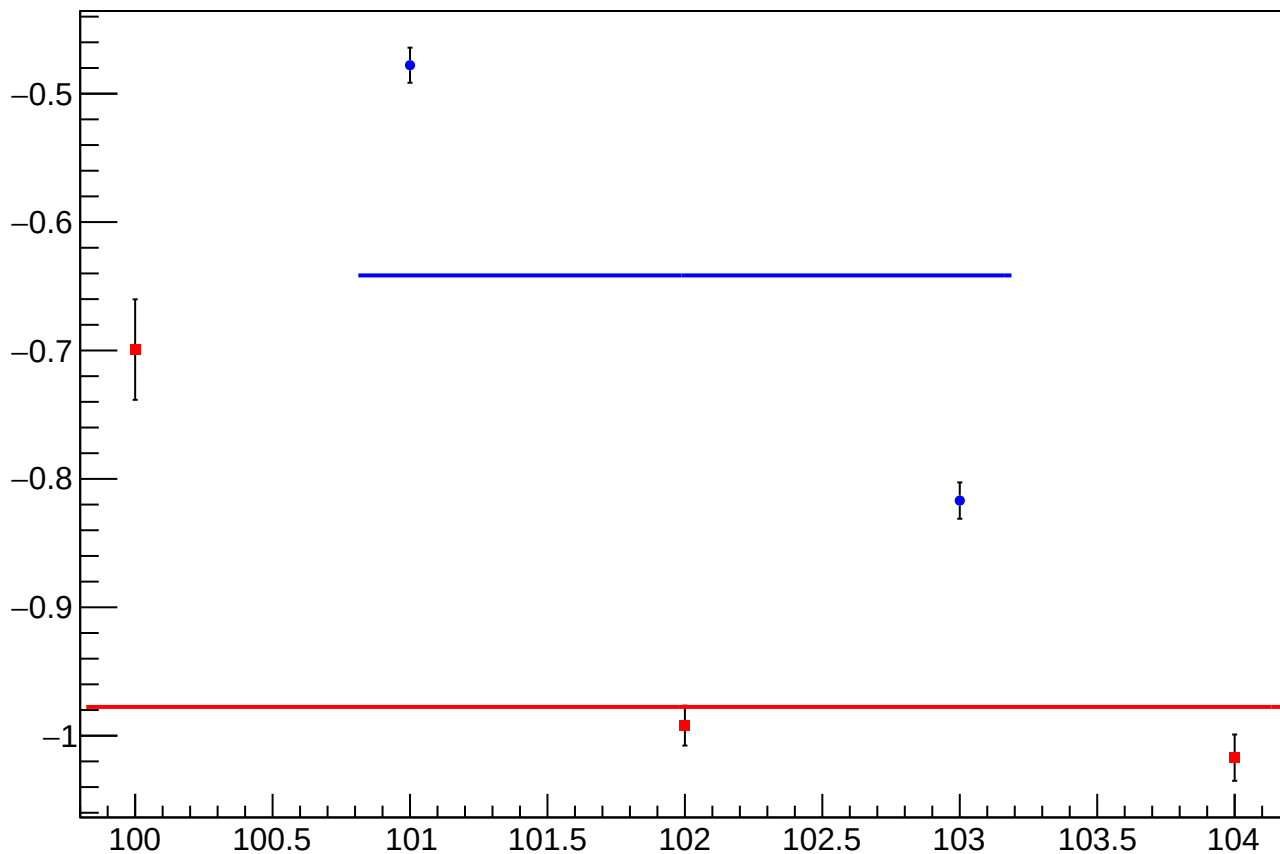
Right: 1.301+/-0.210 χ^2/NDF : 390.4/4

In: 2.761+/-0.265 χ^2/NDF : 172.9/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.301+/-0.210 χ^2/NDF : 390.4/4

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: -0.978+/-0.011 χ^2/NDF : 56.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

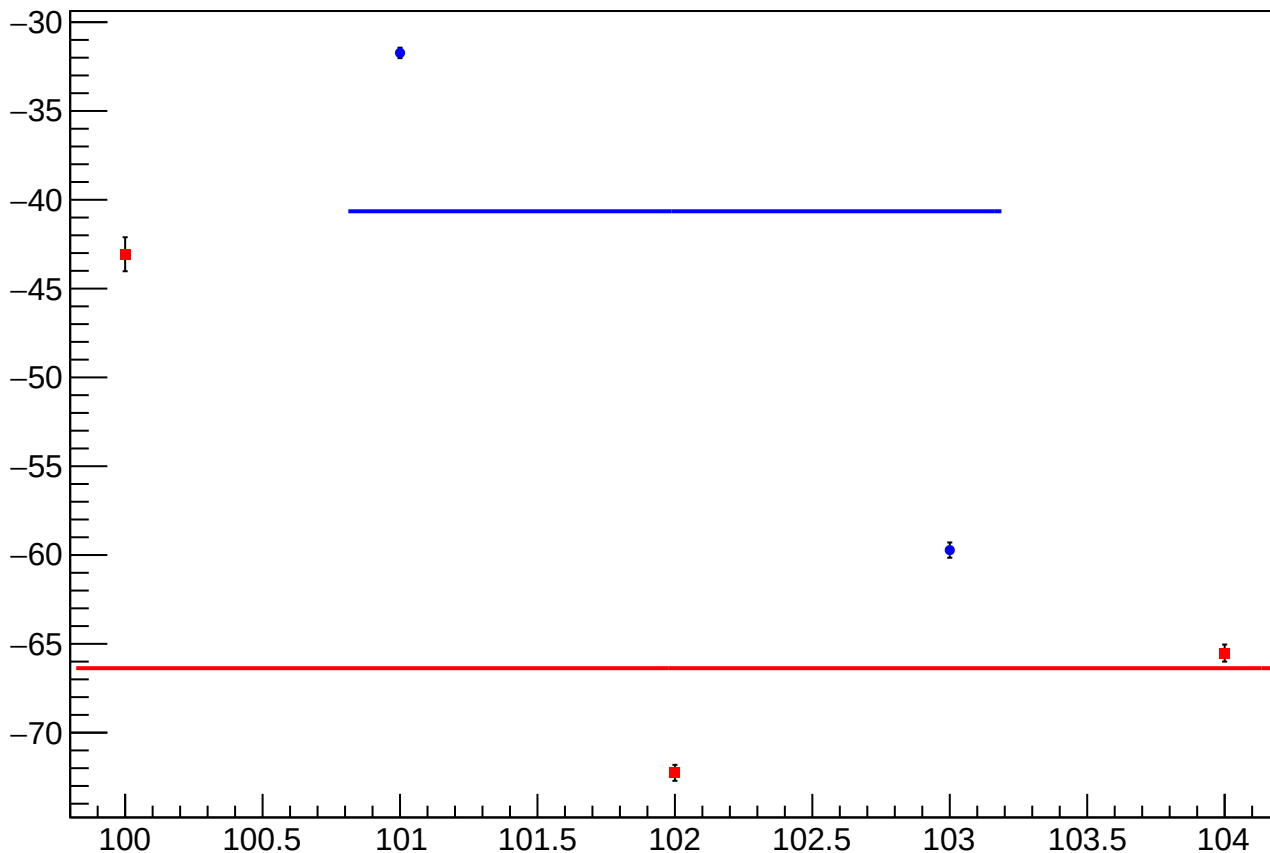
Right: -0.787+/-0.007 χ^2/NDF : 858.2/4

In: -0.642+/-0.010 χ^2/NDF : 297.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.787+/-0.007 χ^2/NDF : 858.2/4

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.647 ± 0.243 $\chi^2/\text{NDF}: 2891.5/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.371 ± 0.311 $\chi^2/\text{NDF}: 767.7/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

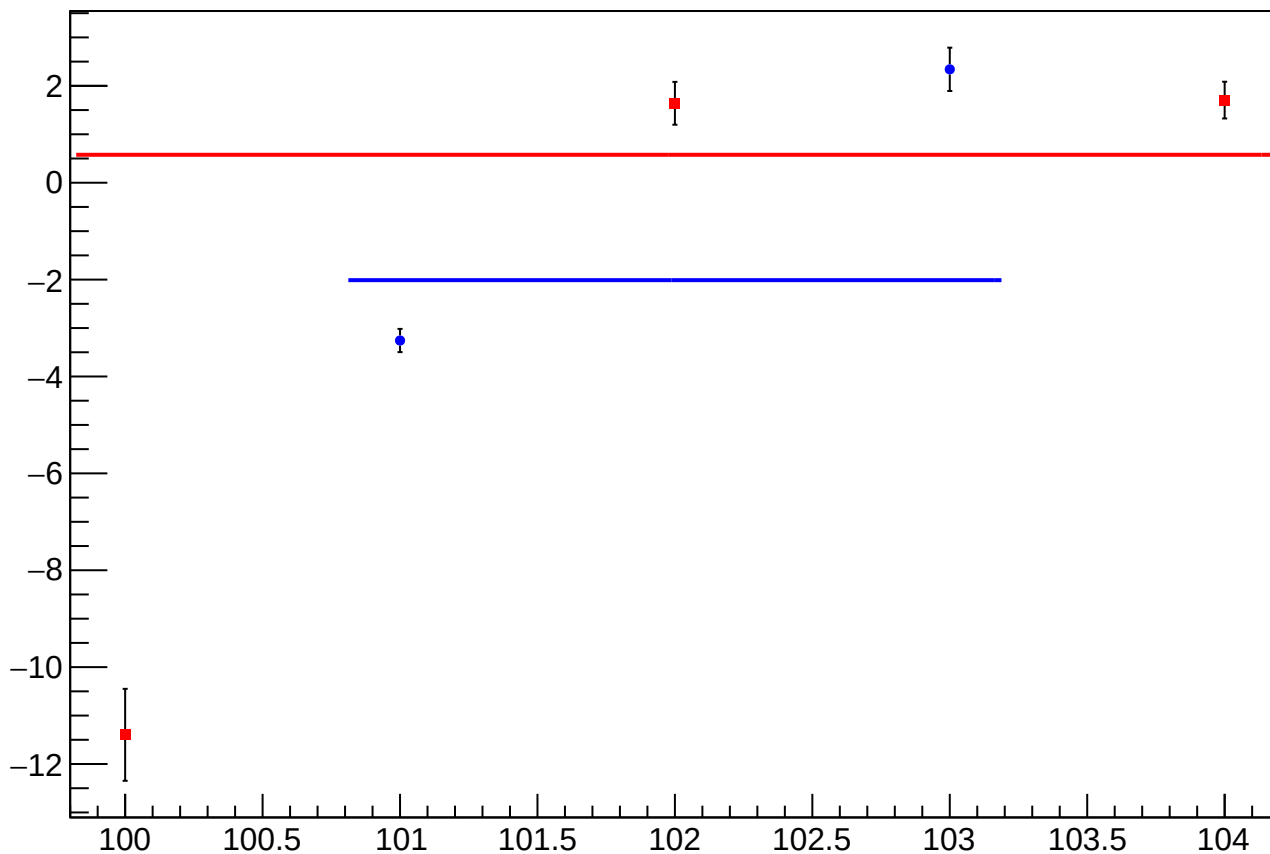
Right: -50.388 ± 0.191 $\chi^2/\text{NDF}: 7918.7/4$

In: -40.647 ± 0.243 $\chi^2/\text{NDF}: 2891.5/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.388 ± 0.191 $\chi^2/\text{NDF}: 7918.7/4$

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: 0.577+/-0.275 χ^2 /NDF: 173.9/2

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

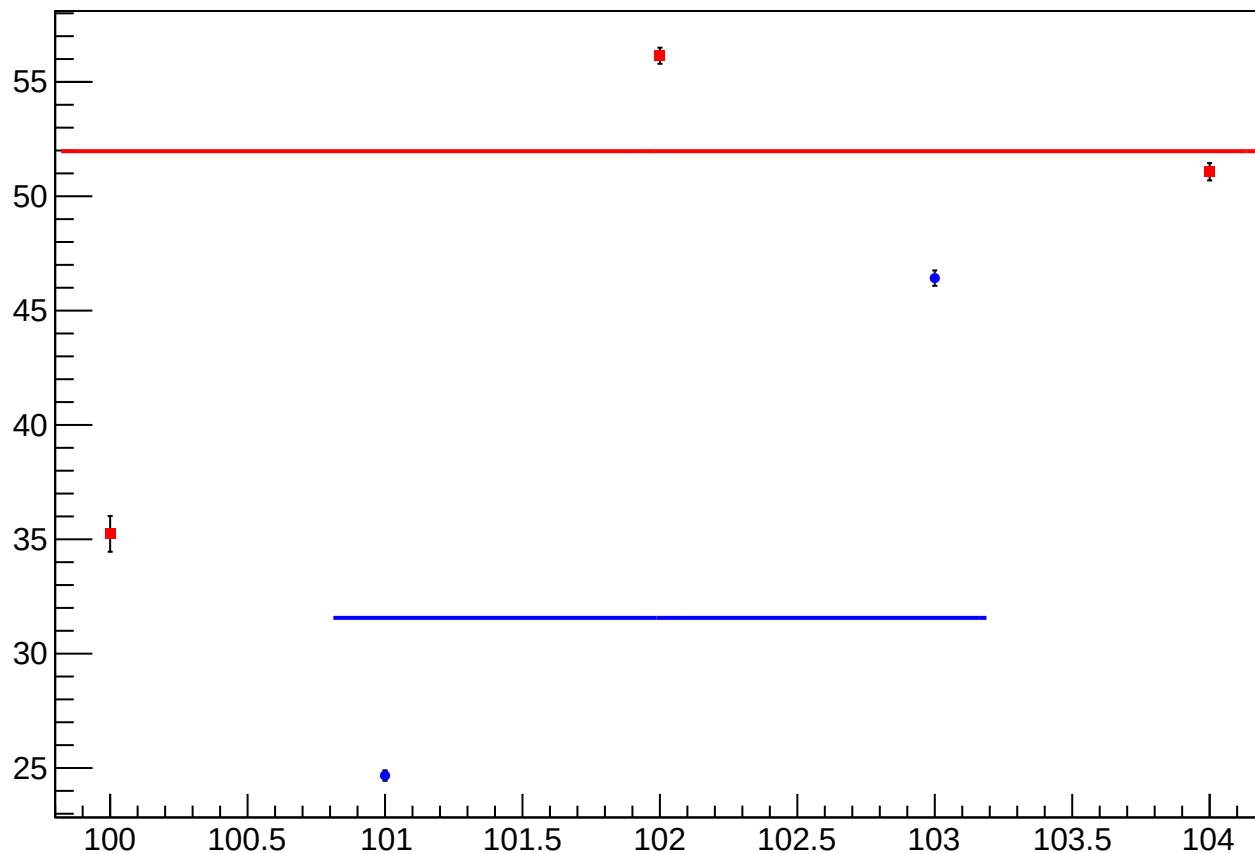
Right: -1.054+/-0.167 χ^2 /NDF: 351.3/4

In: -2.011+/-0.211 χ^2 /NDF: 121.8/1

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.054+/-0.167 χ^2 /NDF: 351.3/4

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.565+/-0.190 χ^2/NDF : 2840.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.971+/-0.245 χ^2/NDF : 605.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

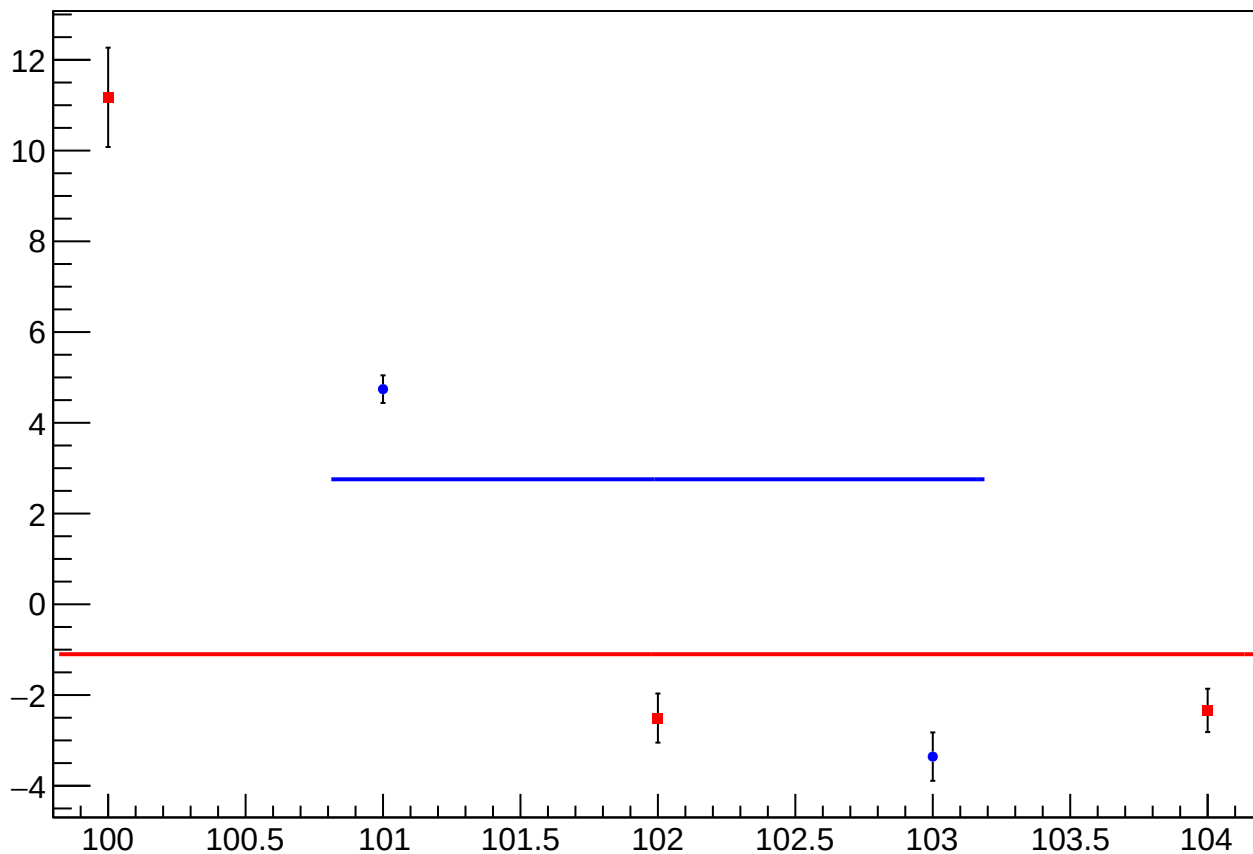
Right: 39.222+/-0.150 χ^2/NDF : 7778.6/4

In: 31.565+/-0.190 χ^2/NDF : 2840.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.222+/-0.150 χ^2/NDF : 7778.6/4

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: -1.100+/-0.340 χ^2/NDF : 139.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

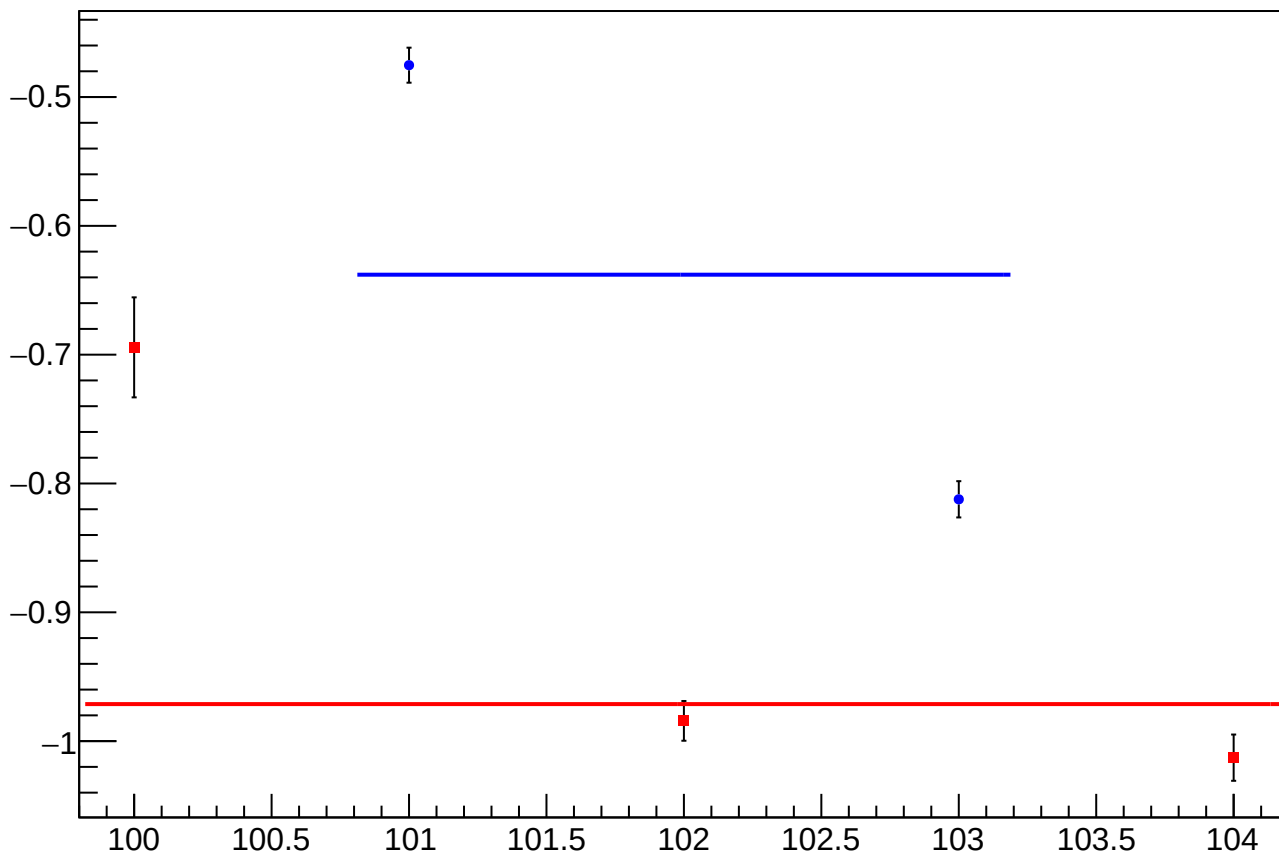
Right: 1.306+/-0.209 χ^2/NDF : 393.5/4

In: 2.755+/-0.264 χ^2/NDF : 174.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.306+/-0.209 χ^2/NDF : 393.5/4

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.638+/-0.010 χ^2 /NDF: 296.6/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.971+/-0.011 χ^2 /NDF: 57.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

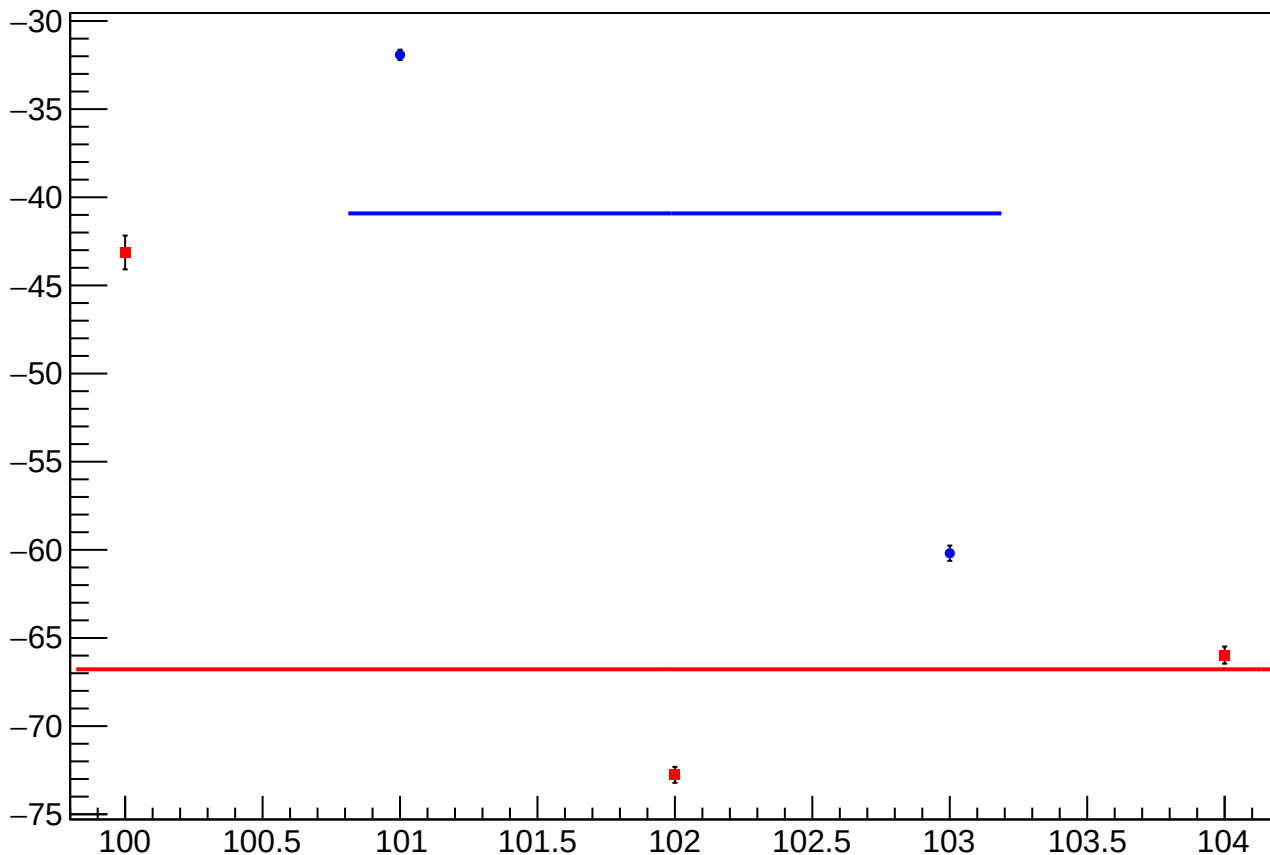
Right: -0.782+/-0.007 χ^2 /NDF: 856.1/4

In: -0.638+/-0.010 χ^2 /NDF:296.6/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.782+/-0.007 χ^2 /NDF: 856.1/4

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.914 ± 0.244 χ^2/NDF : 2912.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.776 ± 0.313 χ^2/NDF : 787.3/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

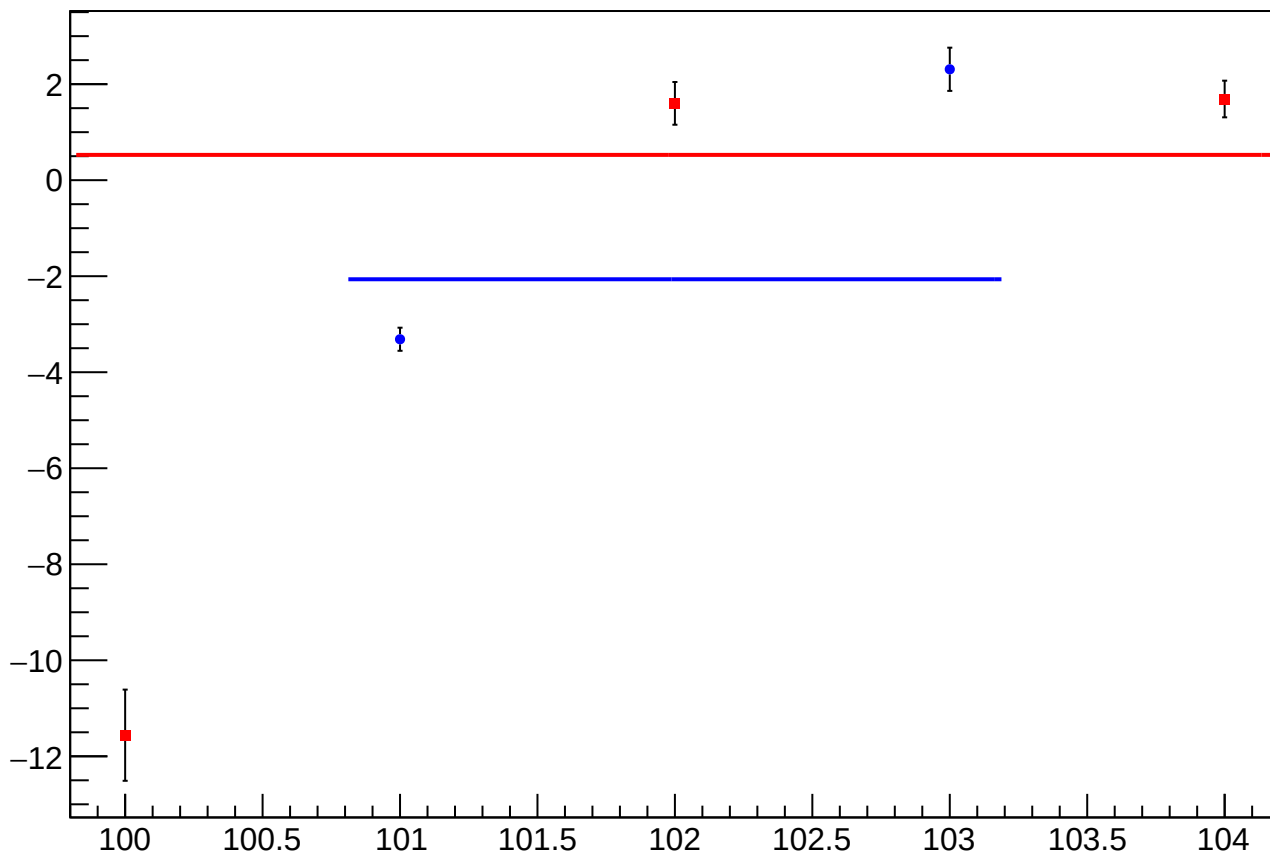
Right: -50.704 ± 0.192 χ^2/NDF : 7954.4/4

In: -40.914 ± 0.244 χ^2/NDF : 2912.9/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.704 ± 0.192 χ^2/NDF : 7954.4/4

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: 0.527+/-0.277 χ^2 /NDF: 177.1/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

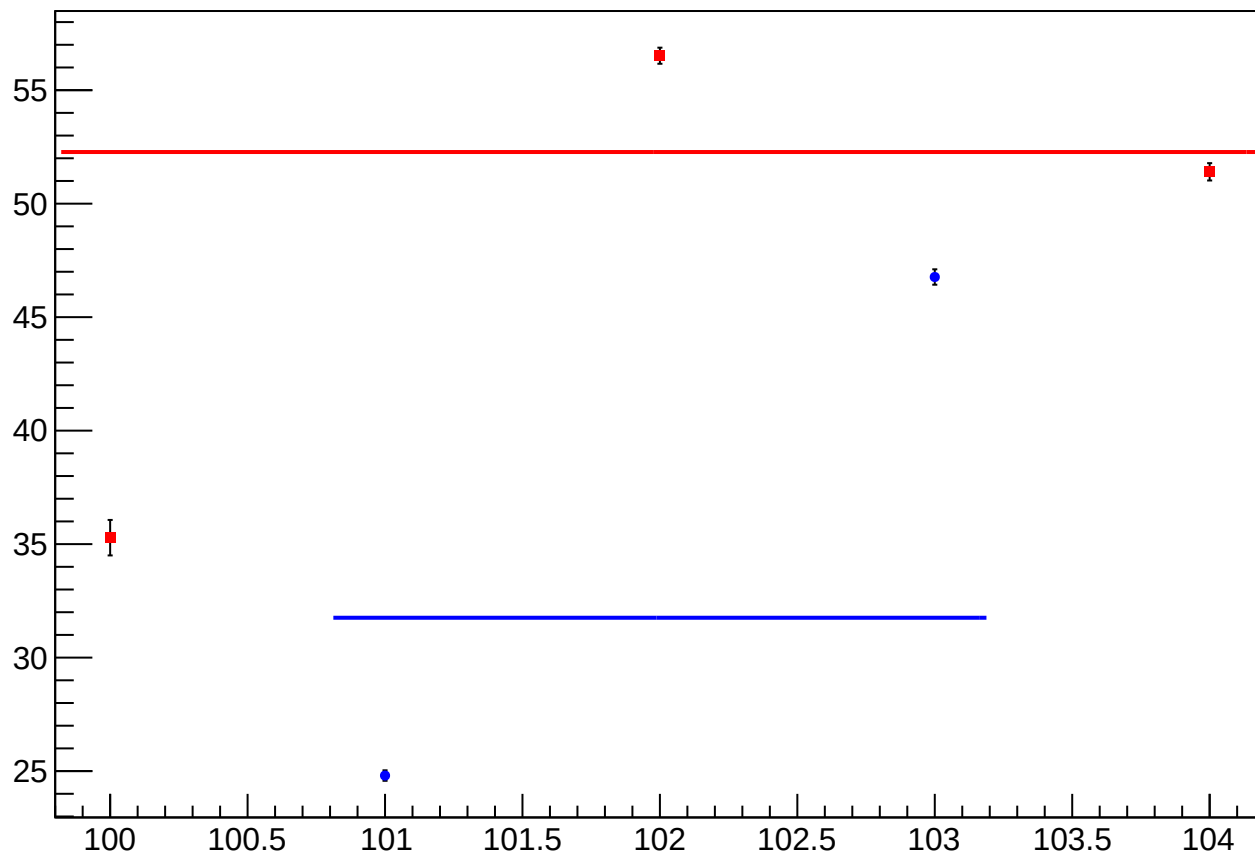
Right: -1.107+/-0.168 χ^2 /NDF: 353.6/4

In: -2.064+/-0.212 χ^2 /NDF:121.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.107+/-0.168 χ^2 /NDF: 353.6/4

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.756+/-0.191 χ^2/NDF : 2861.1/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.275+/-0.247 χ^2/NDF : 621.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

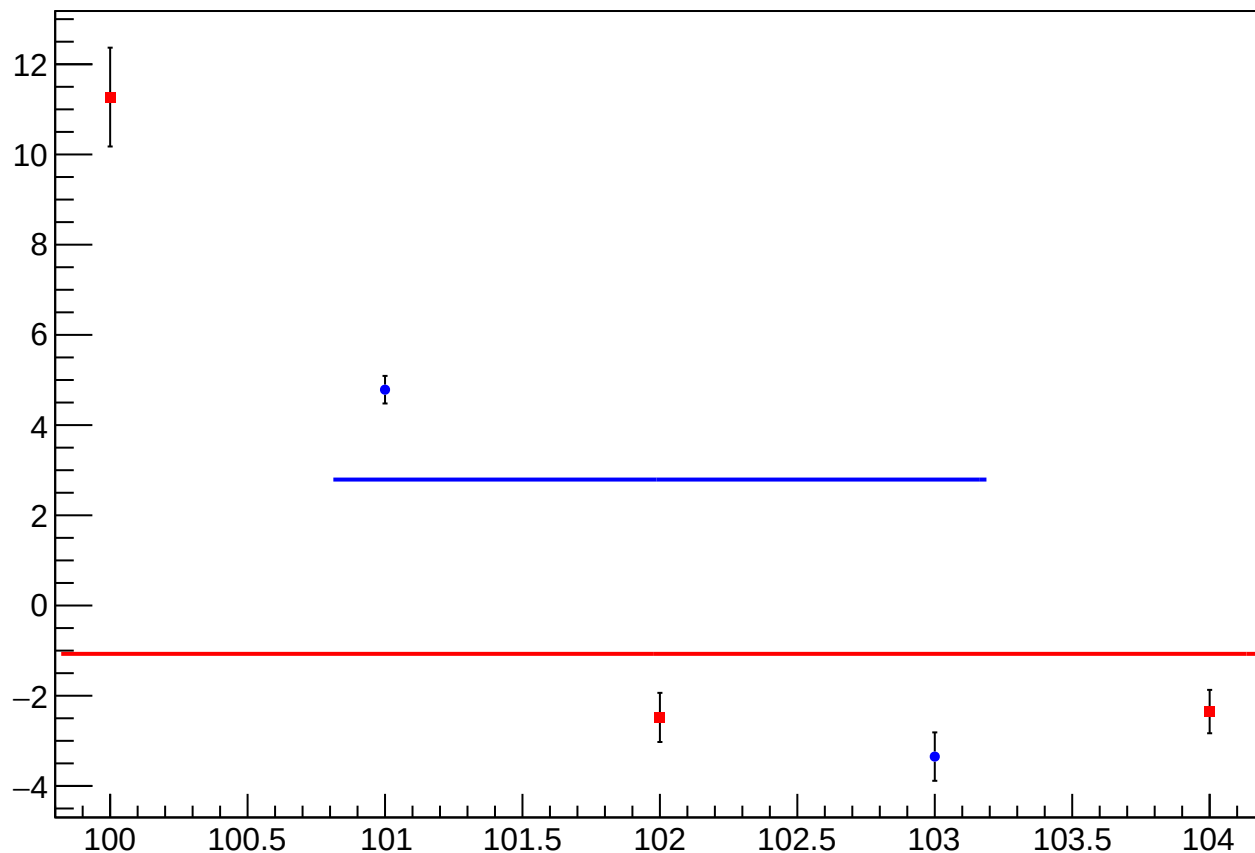
Right: 39.453+/-0.151 χ^2/NDF : 7810.8/4

In: 31.756+/-0.191 χ^2/NDF : 2861.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.453+/-0.151 χ^2/NDF : 7810.8/4

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: -1.072 $\pm$ 0.342 χ^2 /NDF: 140.8/2

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

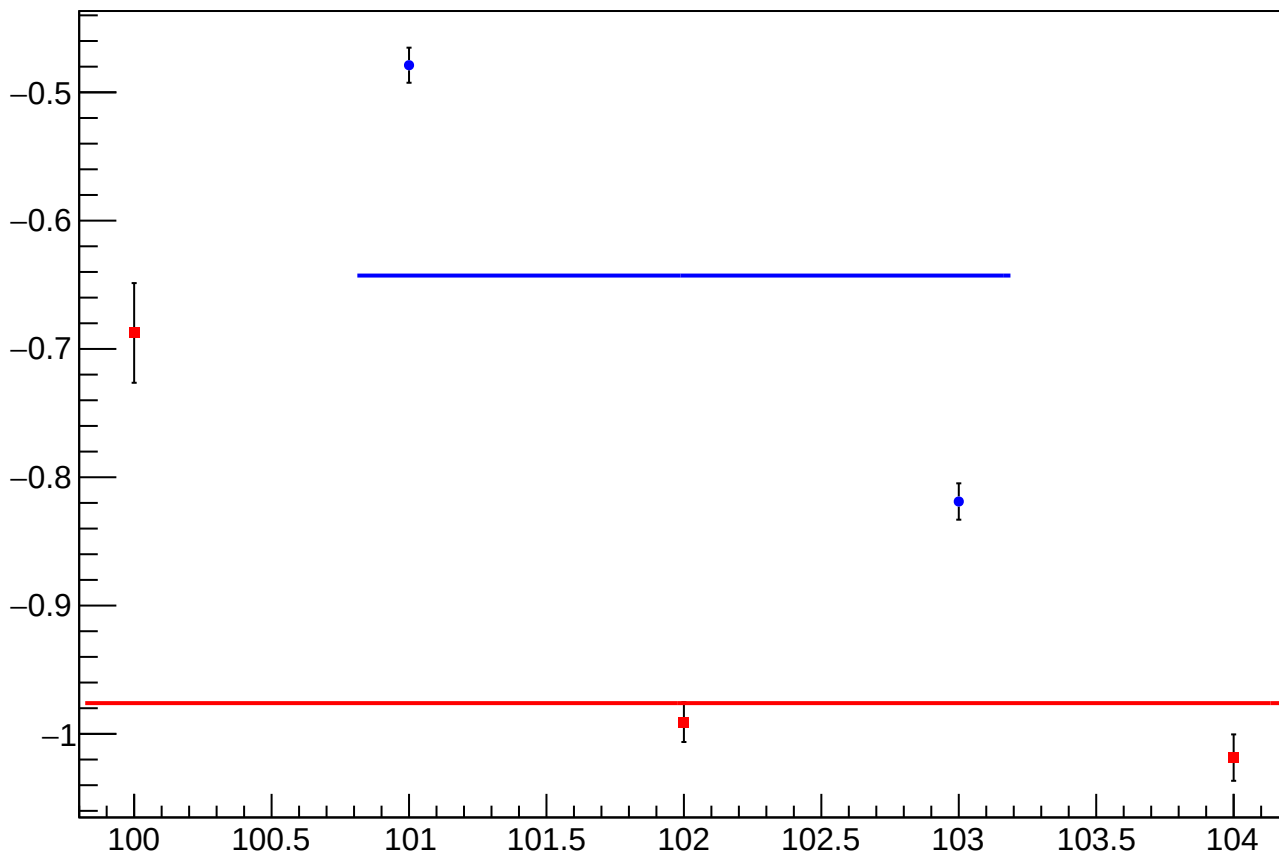
Right: 1.341 $\pm$ 0.210 χ^2 /NDF: 393.8/4

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: 1.341 $\pm$ 0.210 χ^2 /NDF: 393.8/4

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.643+/-0.010 χ^2/NDF : 298.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.976+/-0.011 χ^2/NDF : 61.6/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

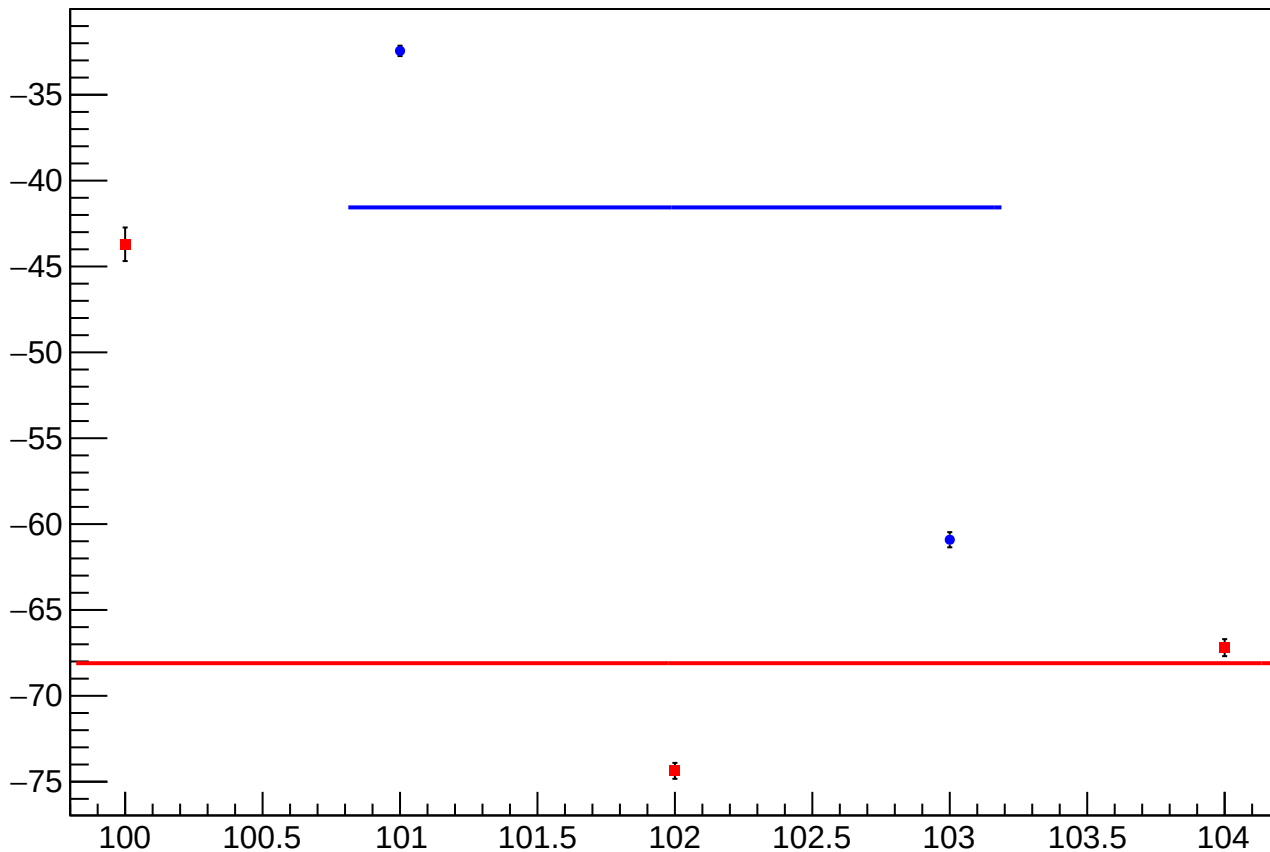
Right: -0.787+/-0.007 χ^2/NDF : 855.9/4

In: -0.643+/-0.010 χ^2/NDF : 298.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.787+/-0.007 χ^2/NDF : 855.9/4

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.559 $\pm$ 0.249 χ^2 /NDF: 2834.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.100 $\pm$ 0.320 χ^2 /NDF: 808.6/2

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

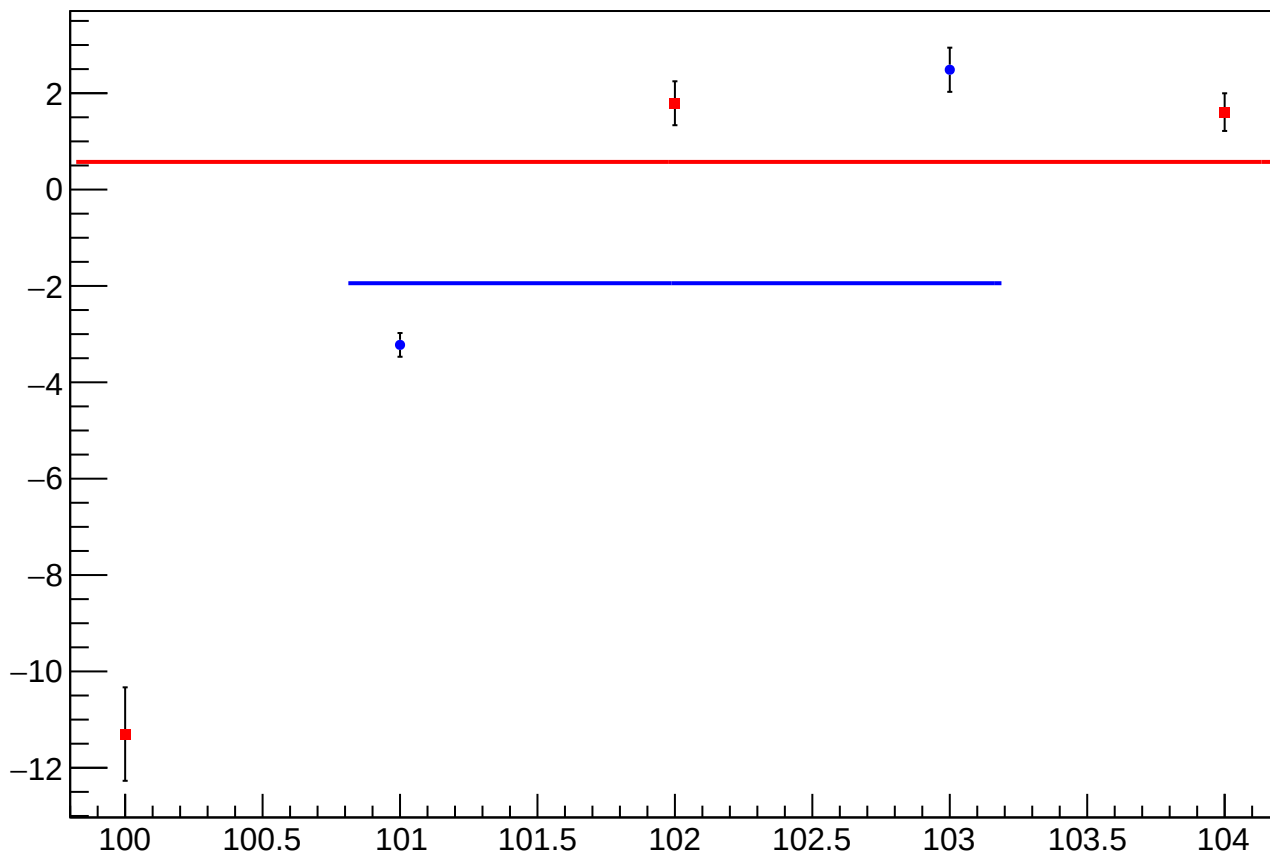
Right: -51.603 $\pm$ 0.197 χ^2 /NDF: 7926.3/4

In: -41.559 $\pm$ 0.249 χ^2 /NDF: 2834.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.603 $\pm$ 0.197 χ^2 /NDF: 7926.3/4

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: 0.574+/-0.284 χ^2 /NDF: 164.0/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

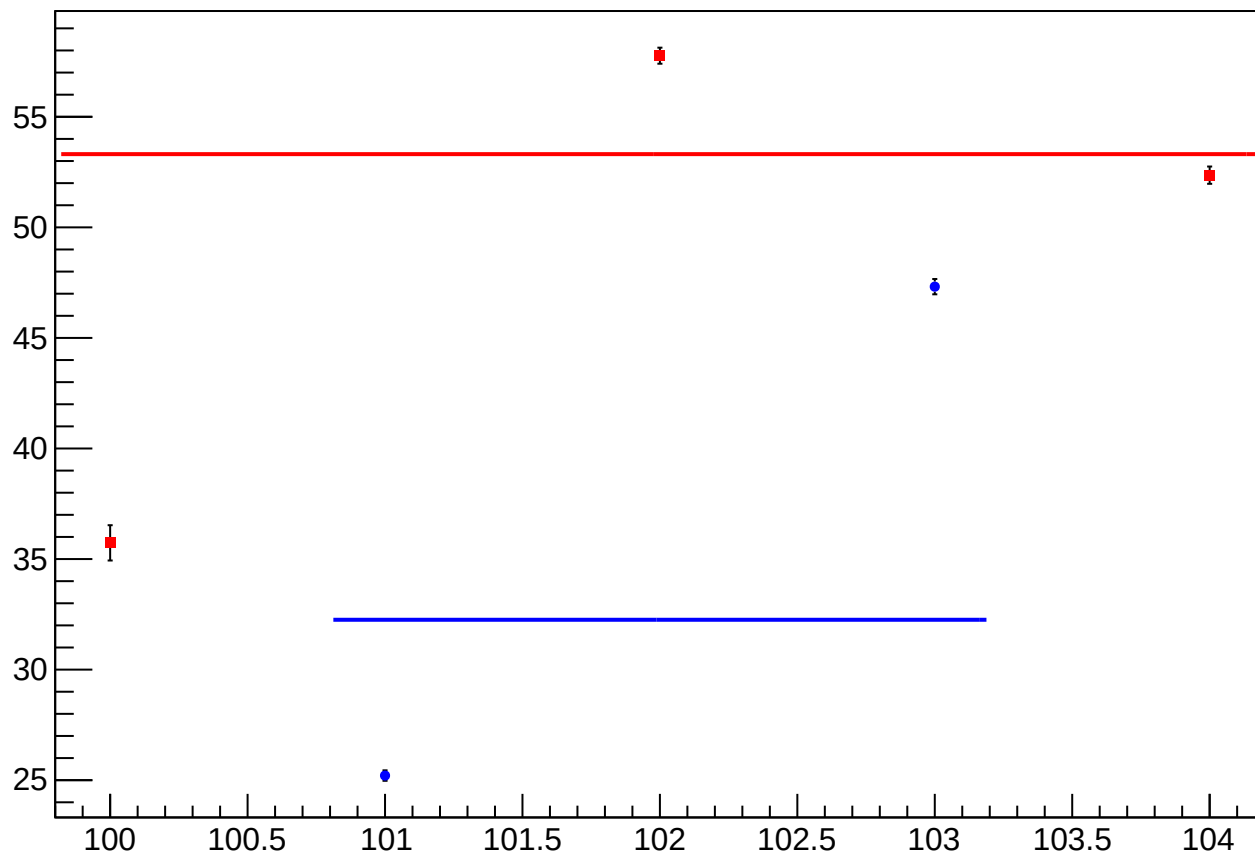
Right: -1.014+/-0.172 χ^2 /NDF: 334.1/4

In: -1.943+/-0.217 χ^2 /NDF:120.4/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.014+/-0.172 χ^2 /NDF: 334.1/4

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.254+/-0.195 χ^2/NDF : 2782.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.312+/-0.252 χ^2/NDF : 641.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

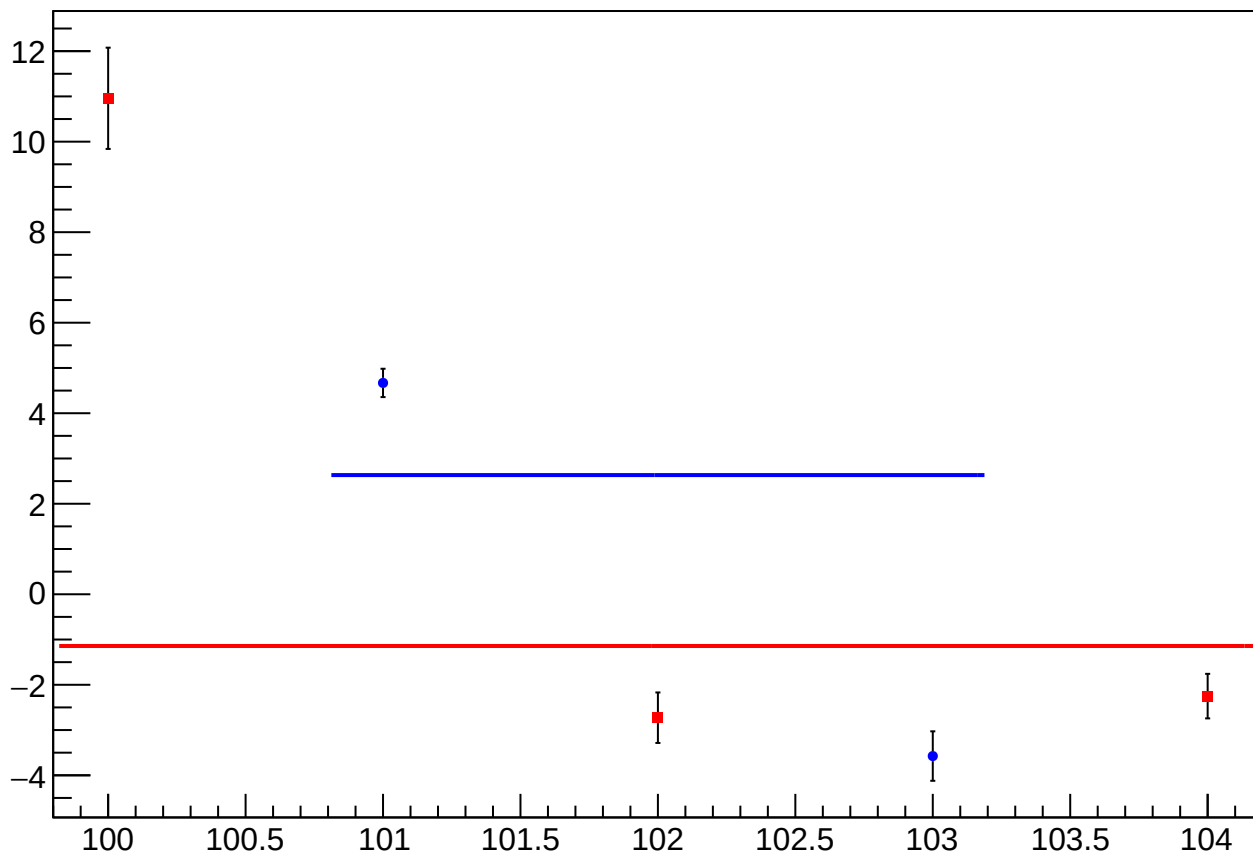
Right: 40.150+/-0.154 χ^2/NDF : 7782.1/4

In: 32.254+/-0.195 χ^2/NDF : 2782.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.150+/-0.154 χ^2/NDF : 7782.1/4

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.633+/-0.272 χ^2/NDF : 171.3/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.143+/-0.350 χ^2/NDF : 130.1/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

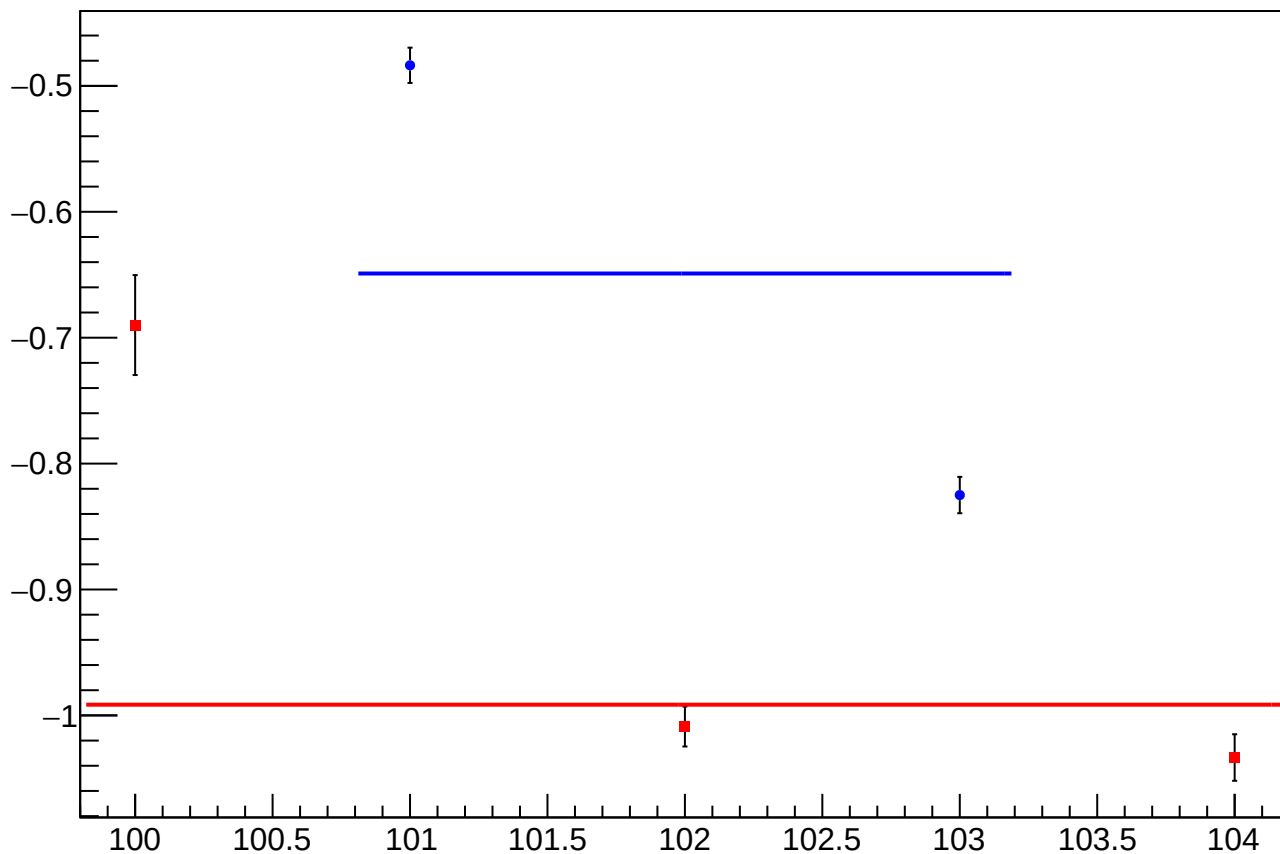
Right: 1.216+/-0.215 χ^2/NDF : 374.0/4

In: 2.633+/-0.272 χ^2/NDF : 171.3/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.216+/-0.215 χ^2/NDF : 374.0/4

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.649 ± 0.010 $\chi^2/\text{NDF}: 287.9/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.991 ± 0.012 $\chi^2/\text{NDF}: 64.1/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

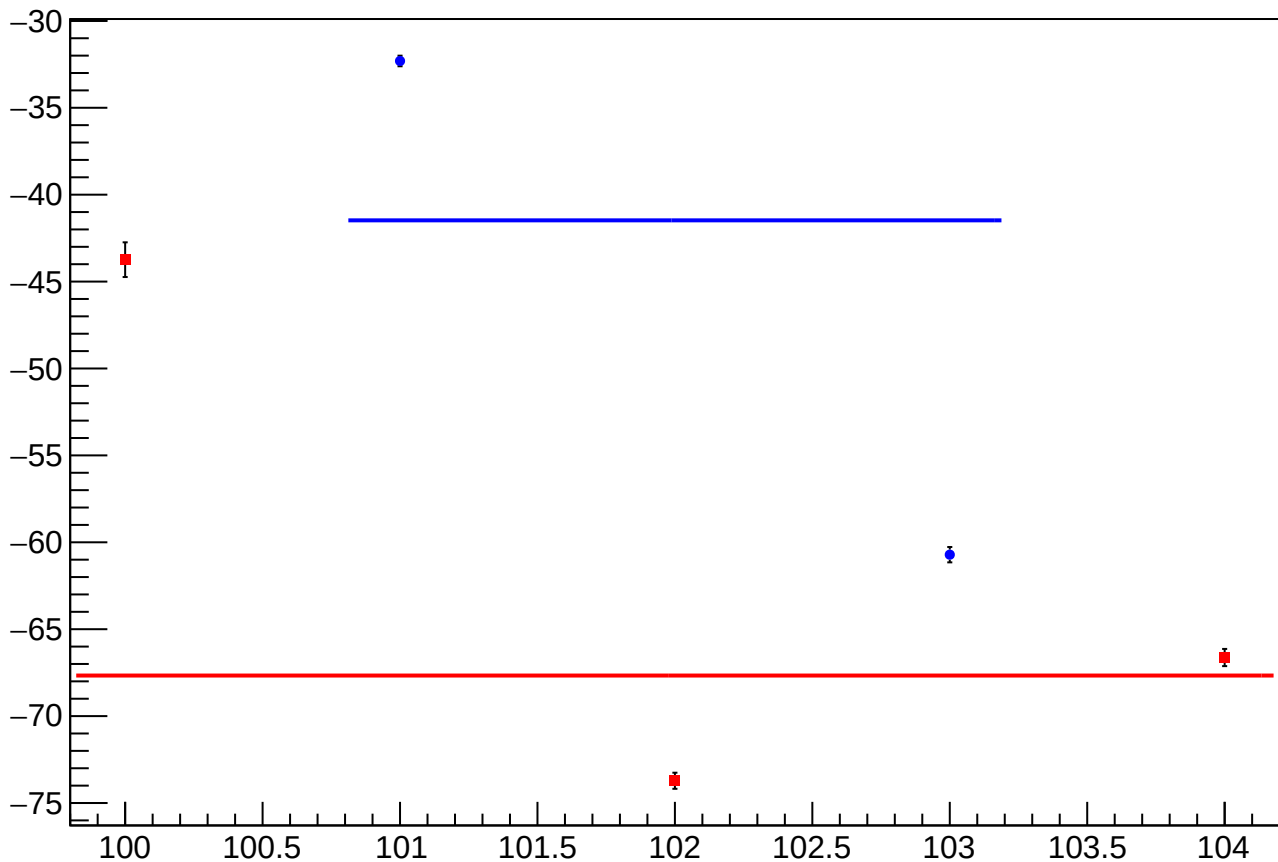
Right: -0.797 ± 0.008 $\chi^2/\text{NDF}: 853.1/4$

In: -0.649 ± 0.010 $\chi^2/\text{NDF}: 287.9/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.797 ± 0.008 $\chi^2/\text{NDF}: 853.1/4$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.477 $\pm$ 0.251 χ^2 /NDF: 2802.1/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.666 $\pm$ 0.320 χ^2 /NDF: 749.7/2

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

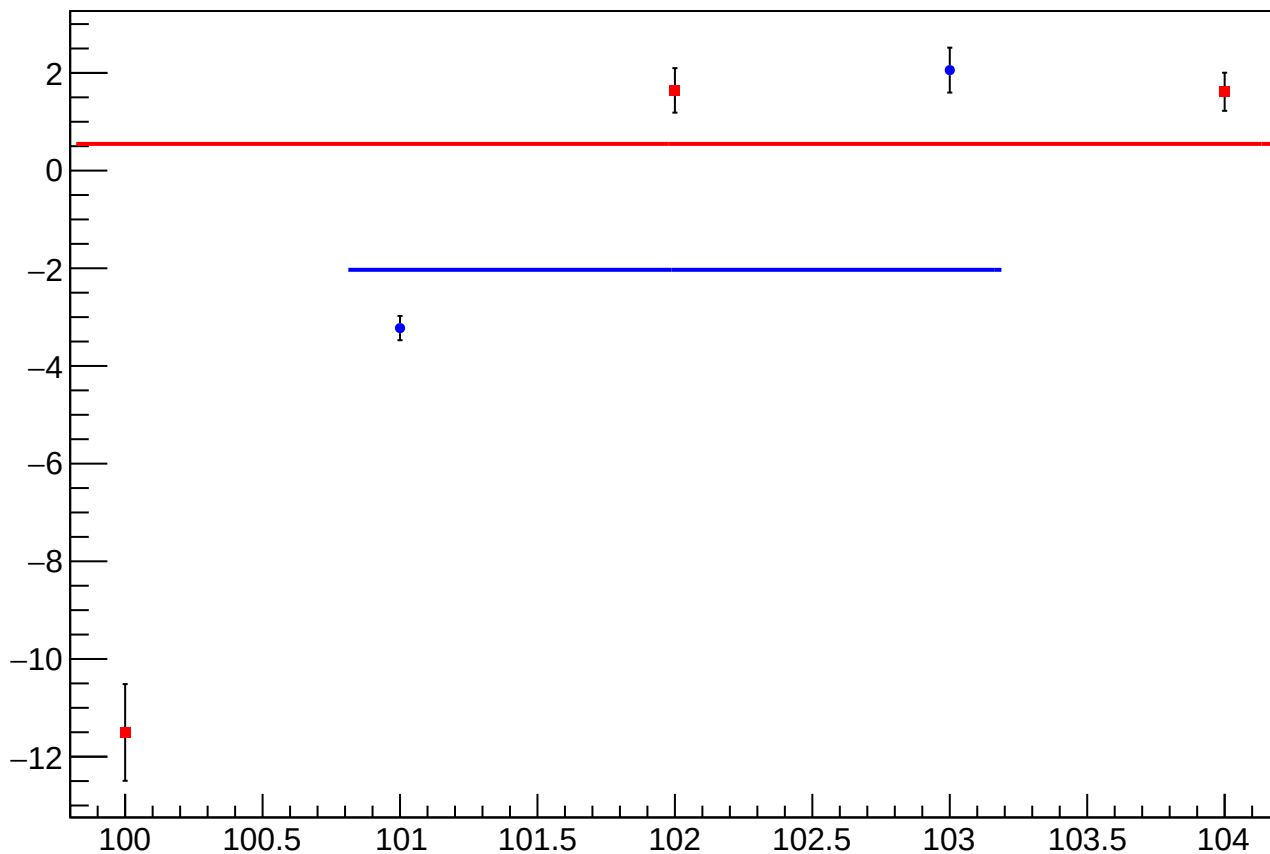
Right: -51.443 $\pm$ 0.197 χ^2 /NDF: 7698.3/4

In: -41.477 $\pm$ 0.251 χ^2 /NDF:2802.1/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.443 $\pm$ 0.197 χ^2 /NDF: 7698.3/4

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.031+/-0.218 χ^2/NDF : 102.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.547+/-0.284 χ^2/NDF : 161.4/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

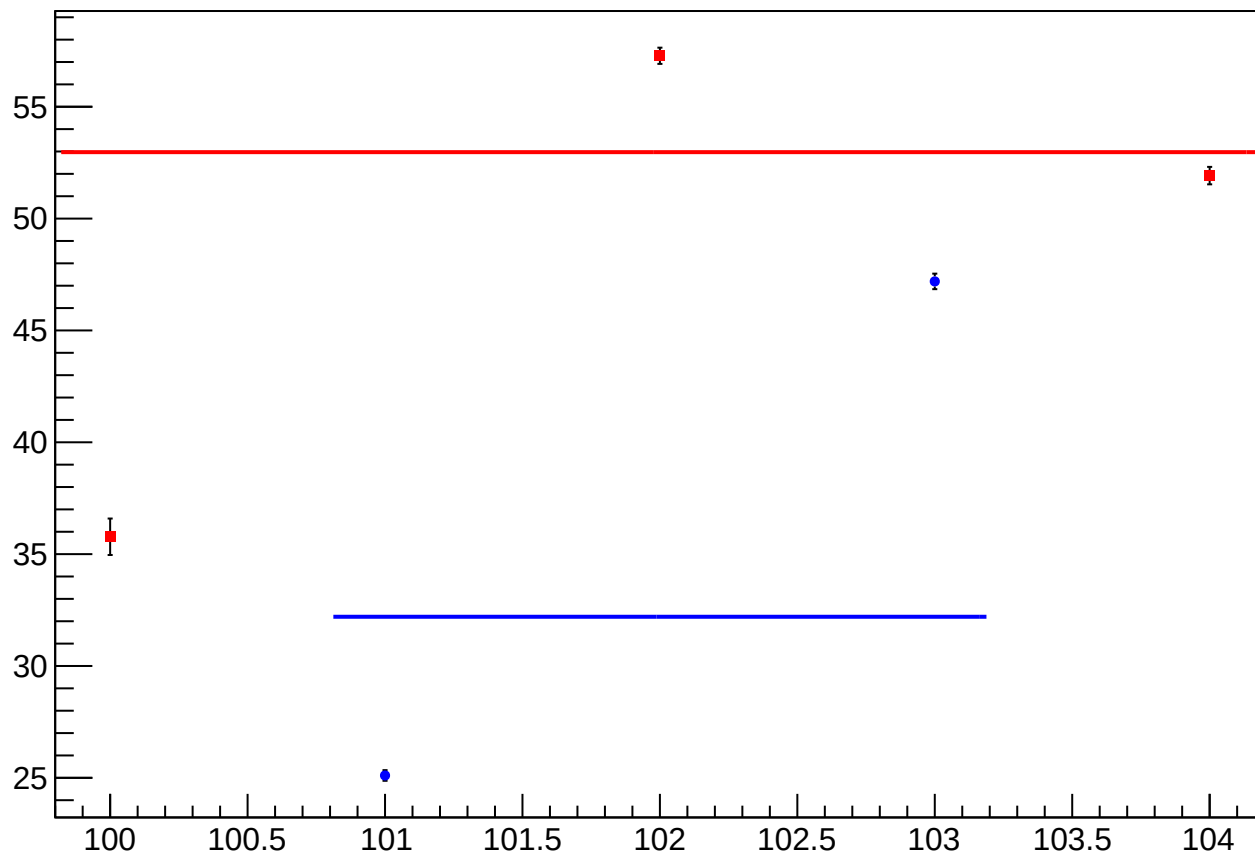
Right: -1.072+/-0.173 χ^2/NDF : 315.5/4

In: -2.031+/-0.218 χ^2/NDF : 102.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.072+/-0.173 χ^2/NDF : 315.5/4

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 32.200 $\pm$ 0.196 χ^2 /NDF: 2756.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.970 $\pm$ 0.252 χ^2 /NDF: 593.7/2

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

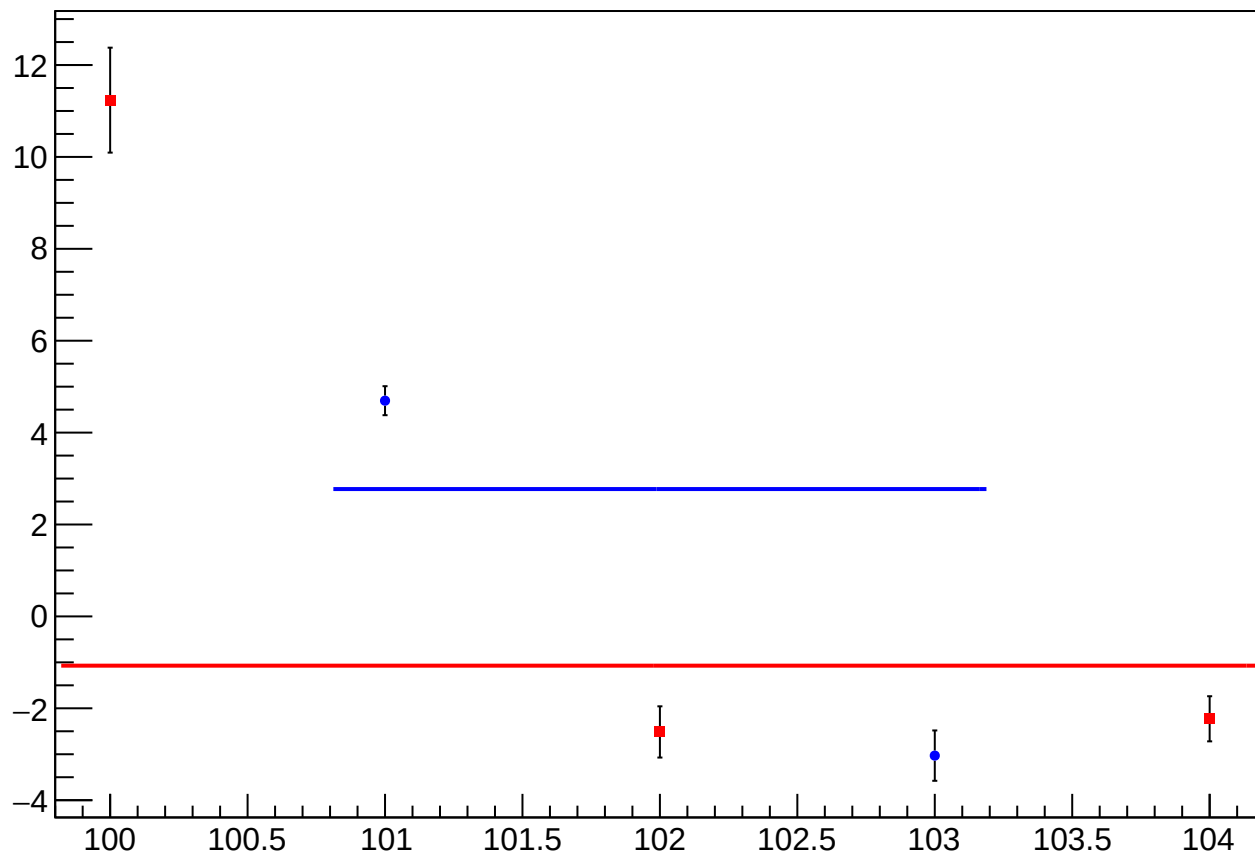
Right: 40.034 $\pm$ 0.155 χ^2 /NDF: 7566.7/4

In: 32.200 $\pm$ 0.196 χ^2 /NDF:2756.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.034 $\pm$ 0.155 χ^2 /NDF: 7566.7/4

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.772 $\pm$ 0.273 χ^2 /NDF: 149.3/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.072 $\pm$ 0.351 χ^2 /NDF: 128.4/2

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

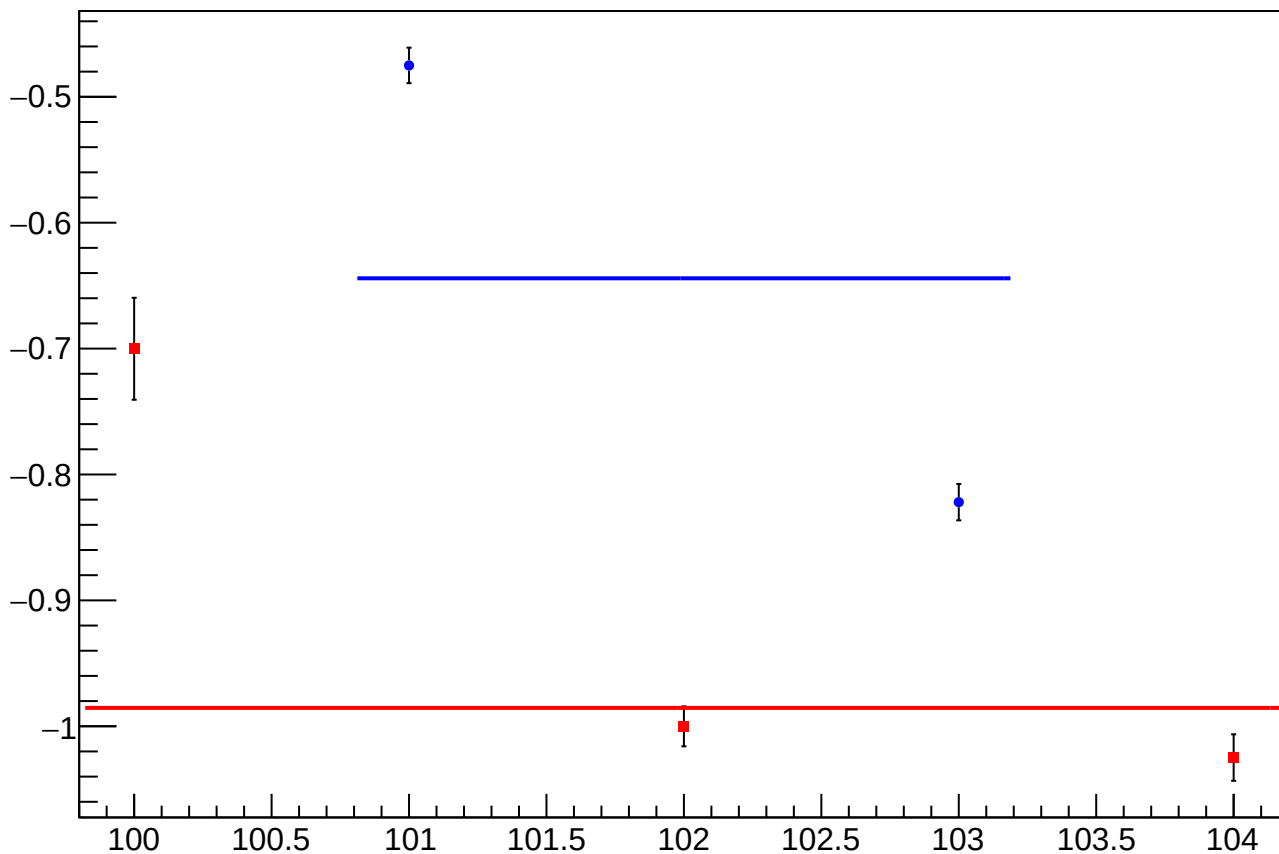
Right: 1.319 $\pm$ 0.216 χ^2 /NDF: 352.4/4

In: 2.772 $\pm$ 0.273 χ^2 /NDF: 149.3/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.319 $\pm$ 0.216 χ^2 /NDF: 352.4/4

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.644 ± 0.010 $\chi^2/\text{NDF}: 294.8/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.985 ± 0.012 $\chi^2/\text{NDF}: 55.0/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

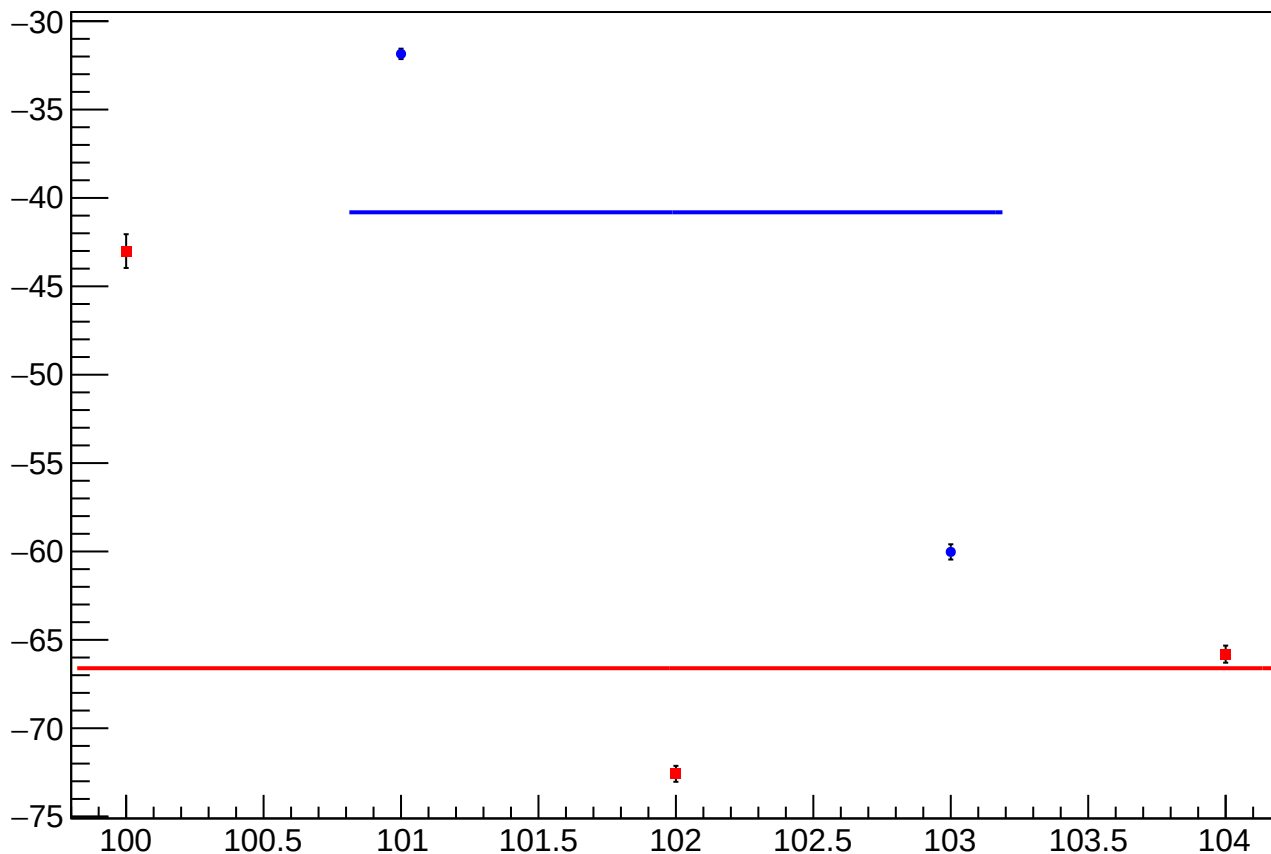
Right: -0.792 ± 0.008 $\chi^2/\text{NDF}: 845.0/4$

In: -0.644 ± 0.010 $\chi^2/\text{NDF}: 294.8/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.792 ± 0.008 $\chi^2/\text{NDF}: 845.0/4$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.813 ± 0.243 $\chi^2/\text{NDF}: 2910.2/1$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -66.605 ± 0.312 $\chi^2/\text{NDF}: 789.2/2$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

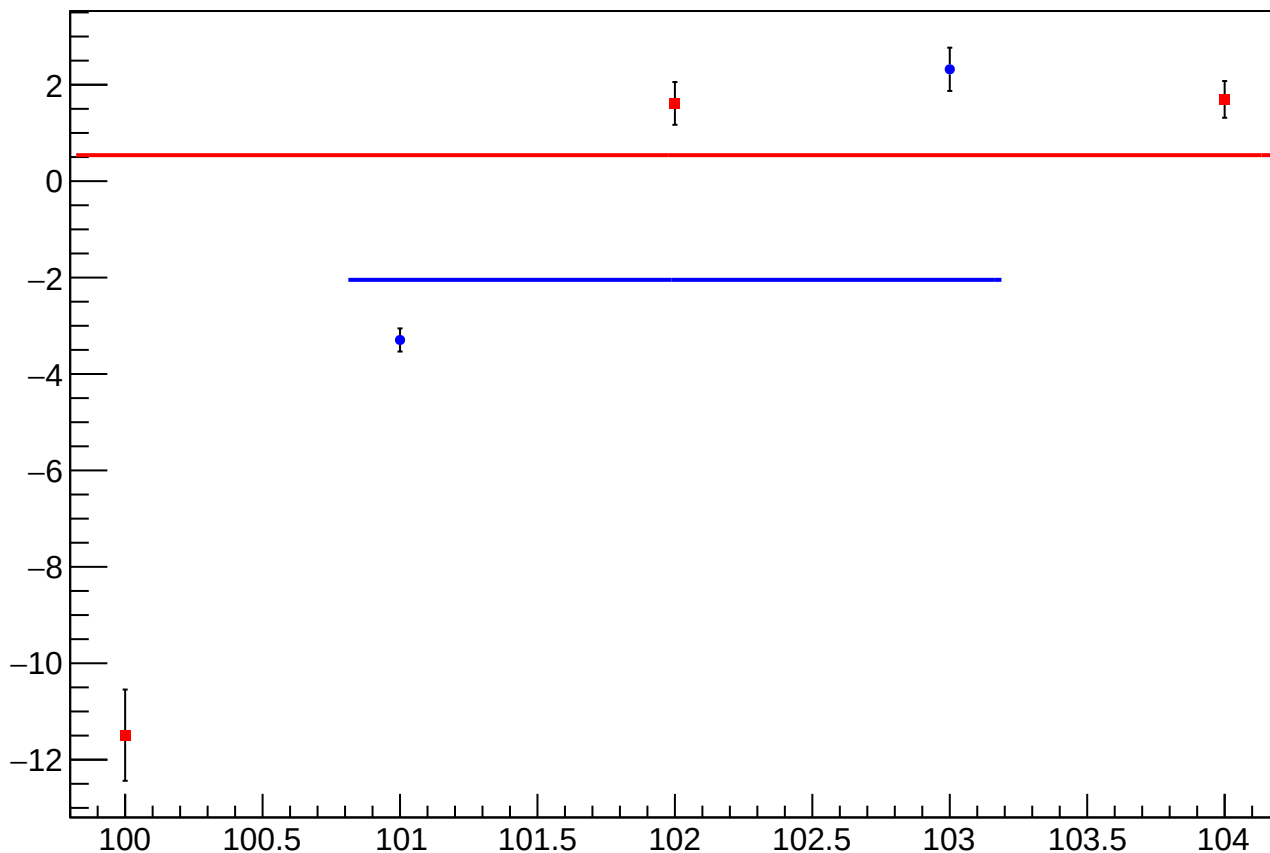
Right: -50.577 ± 0.192 $\chi^2/\text{NDF}: 7955.7/4$

In: -40.813 ± 0.243 $\chi^2/\text{NDF}: 2910.2/1$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -50.577 ± 0.192 $\chi^2/\text{NDF}: 7955.7/4$

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: 0.540 $\pm$ 0.276 χ^2 /NDF: 176.7/2

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

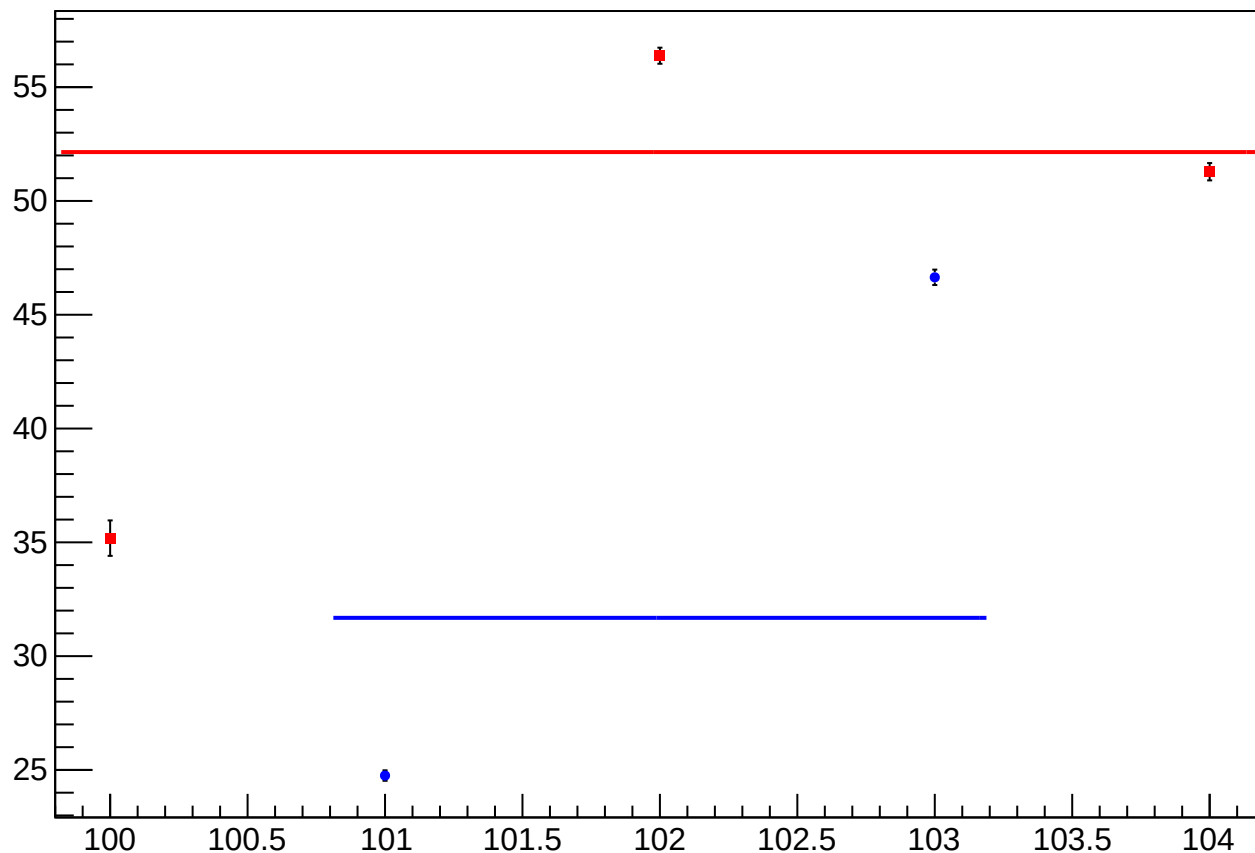
Right: -1.091 $\pm$ 0.168 χ^2 /NDF: 353.6/4

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: -1.091 $\pm$ 0.168 χ^2 /NDF: 353.6/4

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: 52.147+/-0.246 χ^2/NDF : 622.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

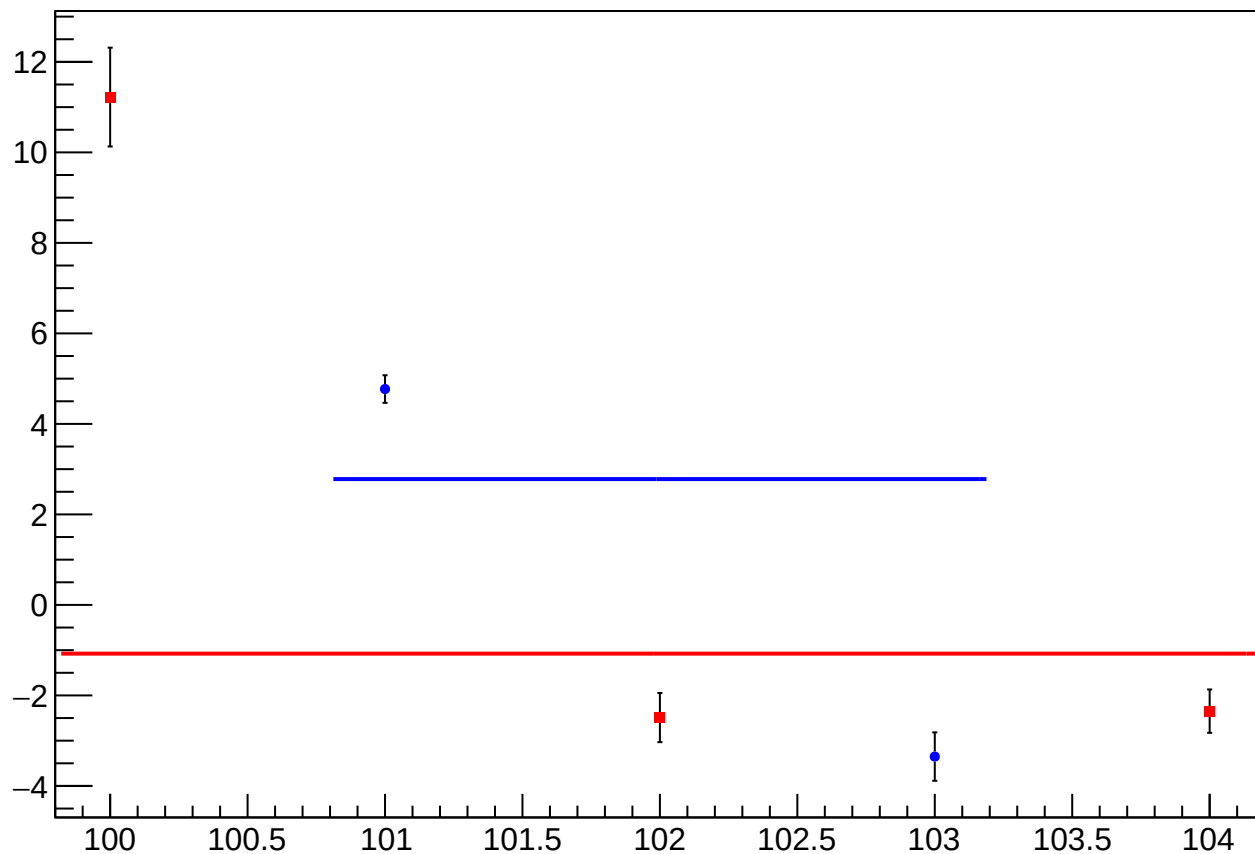
Right: 39.359+/-0.151 χ^2/NDF : 7812.5/4

In: 31.683+/-0.190 χ^2/NDF : 2858.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.359+/-0.151 χ^2/NDF : 7812.5/4

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.781+/-0.265 χ^2/NDF : 174.0/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.077+/-0.341 χ^2/NDF : 140.7/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

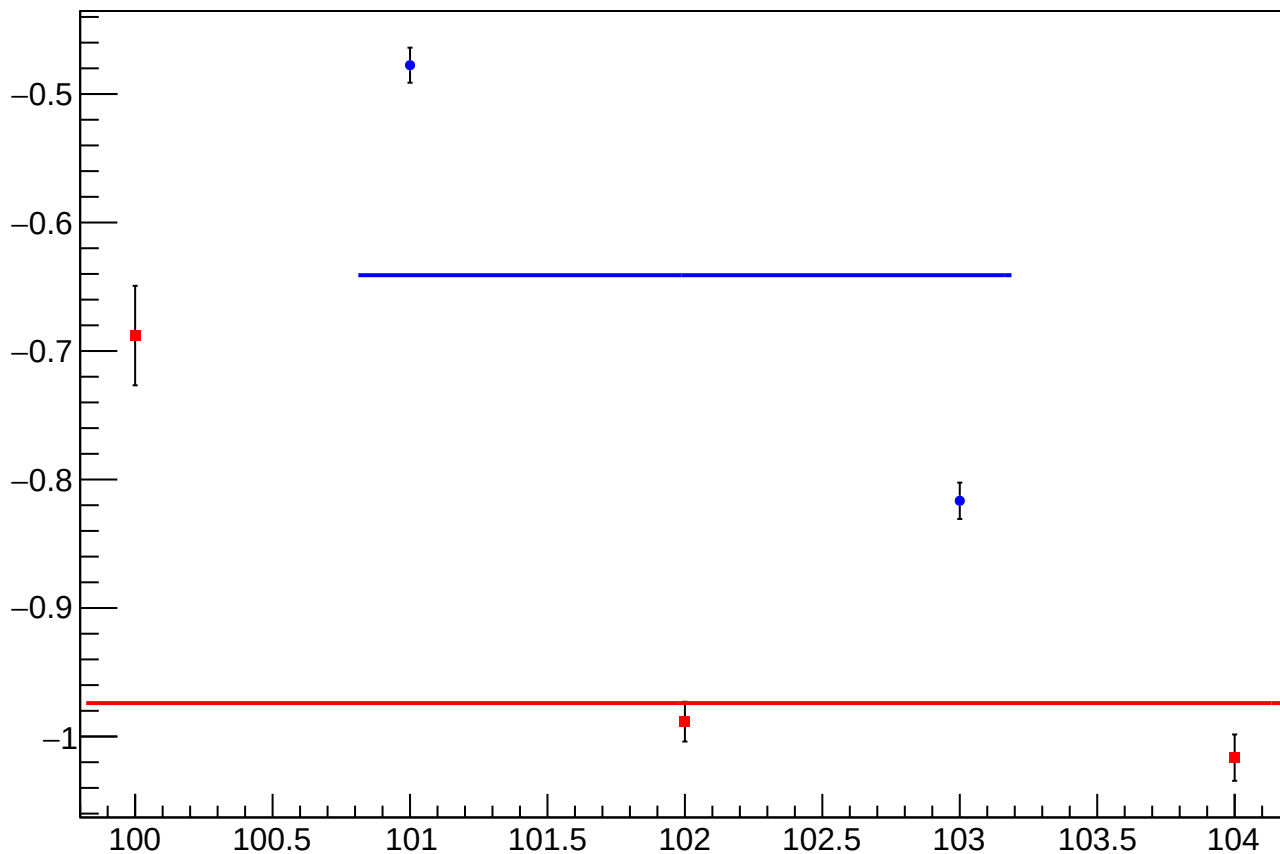
Right: 1.331+/-0.209 χ^2/NDF : 394.4/4

In: 2.781+/-0.265 χ^2/NDF : 174.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.331+/-0.209 χ^2/NDF : 394.4/4

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.641 ± 0.010 χ^2/NDF : 298.3/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.974 ± 0.011 χ^2/NDF : 61.0/2

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

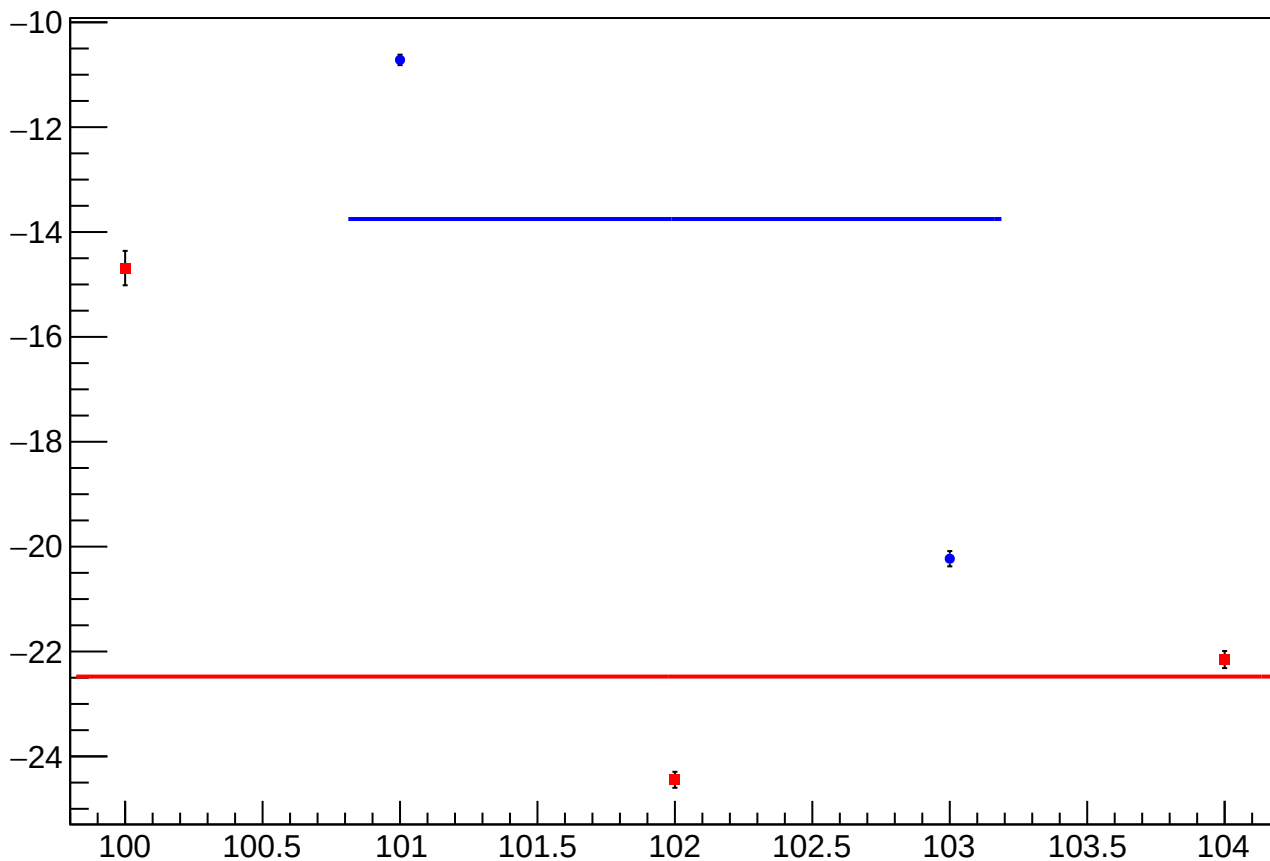
Right: -0.785 ± 0.007 χ^2/NDF : 857.6/4

In: -0.641 ± 0.010 χ^2/NDF : 298.3/1

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.785 ± 0.007 χ^2/NDF : 857.6/4

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -13.751 $\pm$ 0.082 χ^2 /NDF: 2894.4/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.478 $\pm$ 0.106 χ^2 /NDF: 734.1/2

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

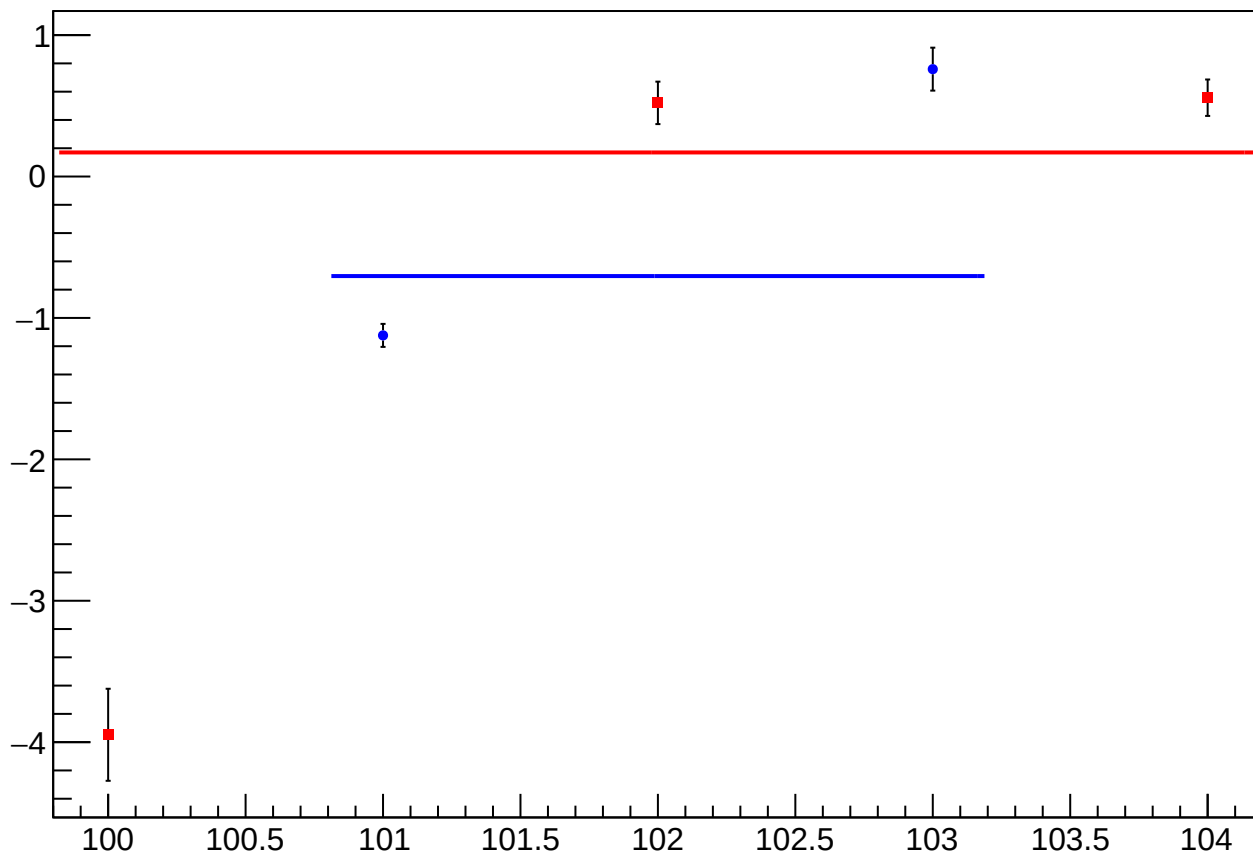
Right: -17.055 $\pm$ 0.065 χ^2 /NDF: 7873.3/4

In: -13.751 $\pm$ 0.082 χ^2 /NDF: 2894.4/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.055 $\pm$ 0.065 χ^2 /NDF: 7873.3/4

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.704 $\pm$ 0.072 χ^2 /NDF: 119.5/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.170 $\pm$ 0.094 χ^2 /NDF: 174.6/2

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

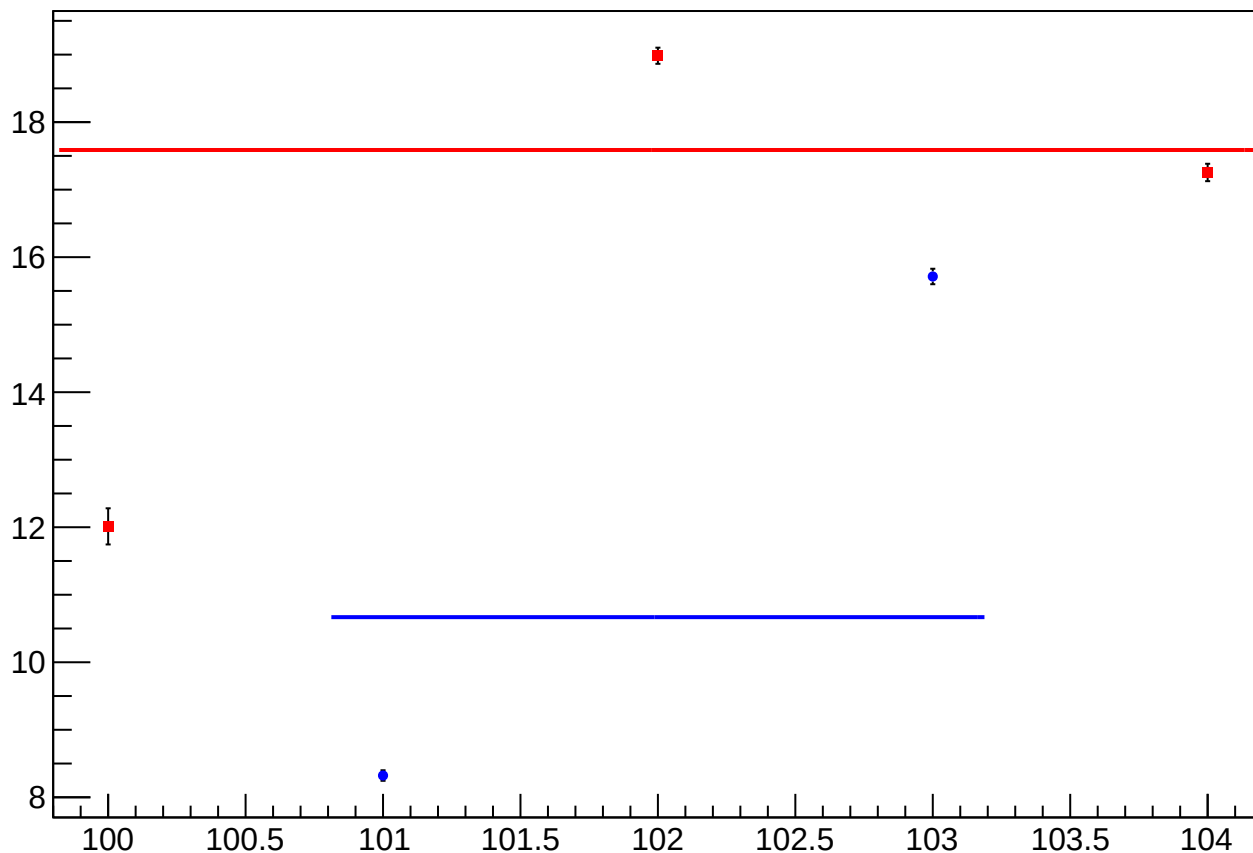
Right: -0.381 $\pm$ 0.057 χ^2 /NDF: 349.0/4

In: -0.704 $\pm$ 0.072 χ^2 /NDF: 119.5/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.381 $\pm$ 0.057 χ^2 /NDF: 349.0/4

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: 17.587 $\pm$ 0.083 χ^2 /NDF: 576.5/2

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

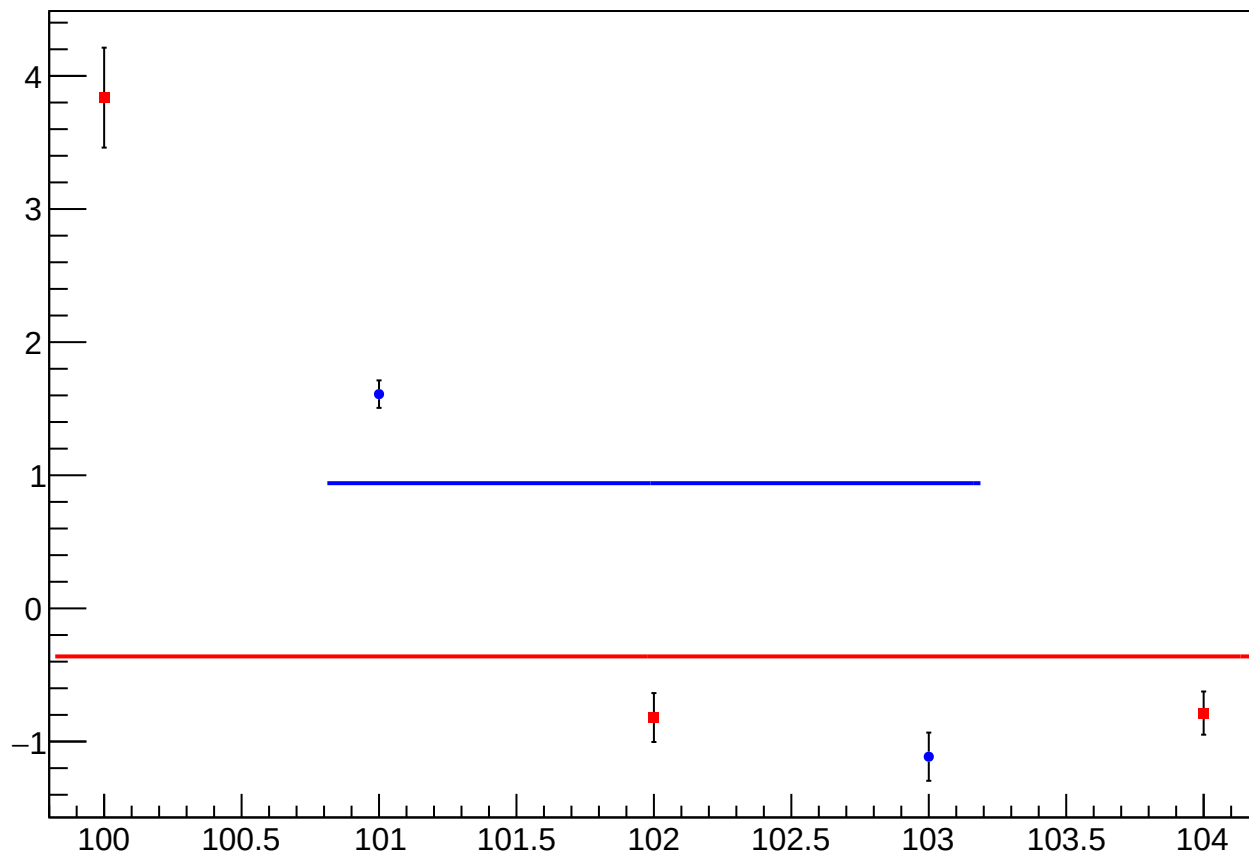
Right: 13.264 $\pm$ 0.051 χ^2 /NDF: 7733.8/4

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: 13.264 $\pm$ 0.051 χ^2 /NDF: 7733.8/4

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: -0.361+/-0.116 χ^2/NDF : 138.2/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

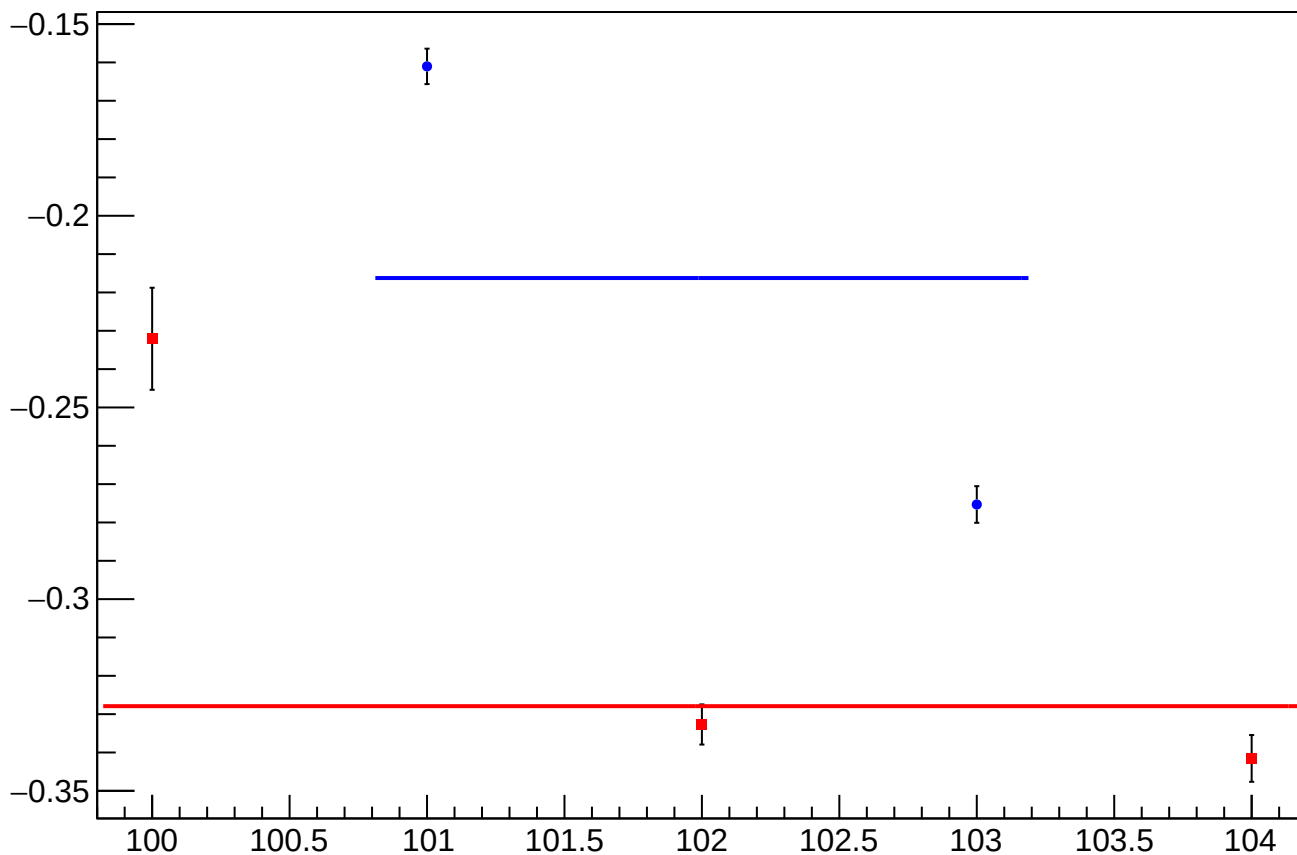
Right: 0.452+/-0.071 χ^2/NDF : 387.9/4

In: 0.941+/-0.090 χ^2/NDF : 170.7/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.452+/-0.071 χ^2/NDF : 387.9/4

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.216+/-0.003 χ^2 /NDF: 295.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.328+/-0.004 χ^2 /NDF: 57.7/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

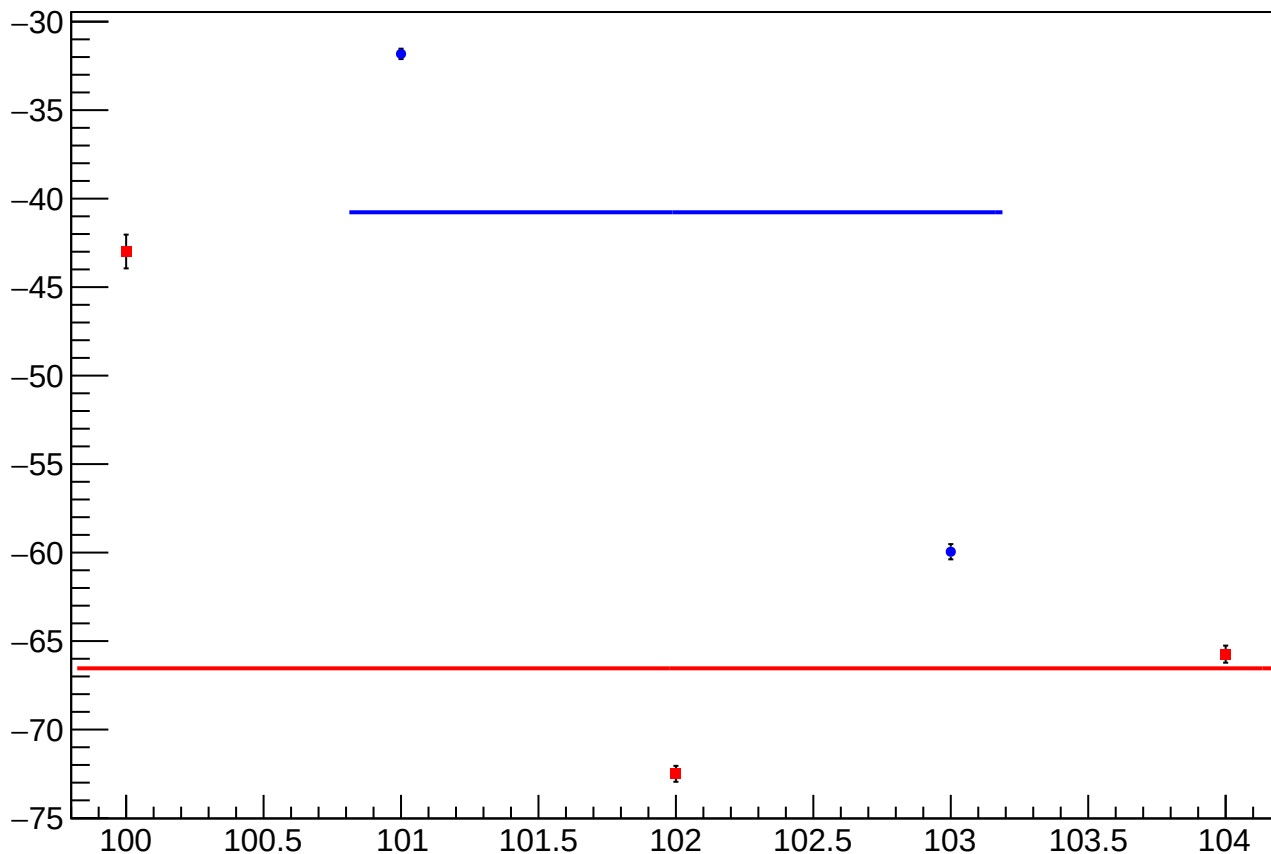
Right: -0.265+/-0.003 χ^2 /NDF: 841.7/4

In: -0.216+/-0.003 χ^2 /NDF:295.5/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.265+/-0.003 χ^2 /NDF: 841.7/4

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -40.771+/-0.243 χ^2/NDF : 2907.2/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.540+/-0.311 χ^2/NDF : 787.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

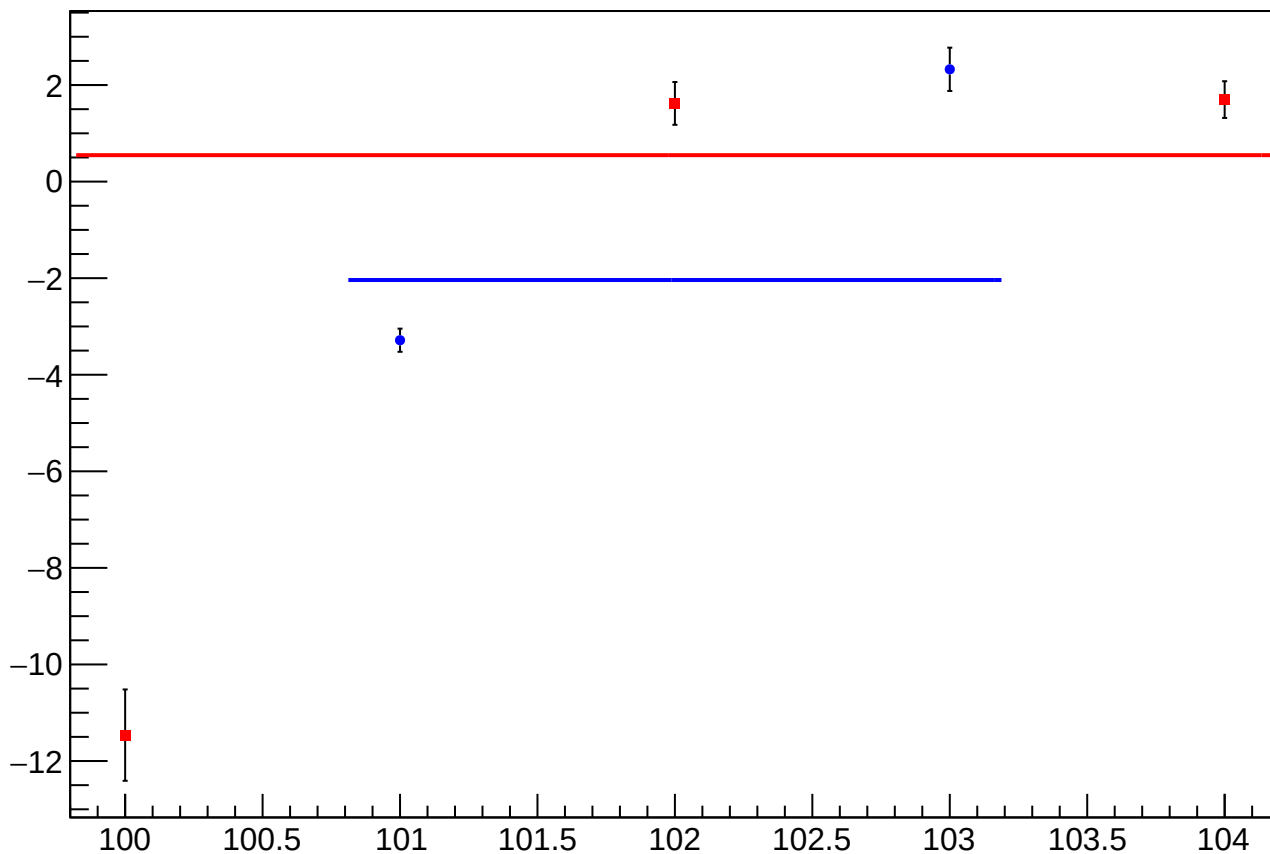
Right: -50.527+/-0.192 χ^2/NDF : 7951.4/4

In: -40.771+/-0.243 χ^2/NDF : 2907.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.527+/-0.192 χ^2/NDF : 7951.4/4

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.038+/-0.211 χ^2 /NDF: 121.8/1

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.547+/-0.276 χ^2 /NDF: 176.2/2

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

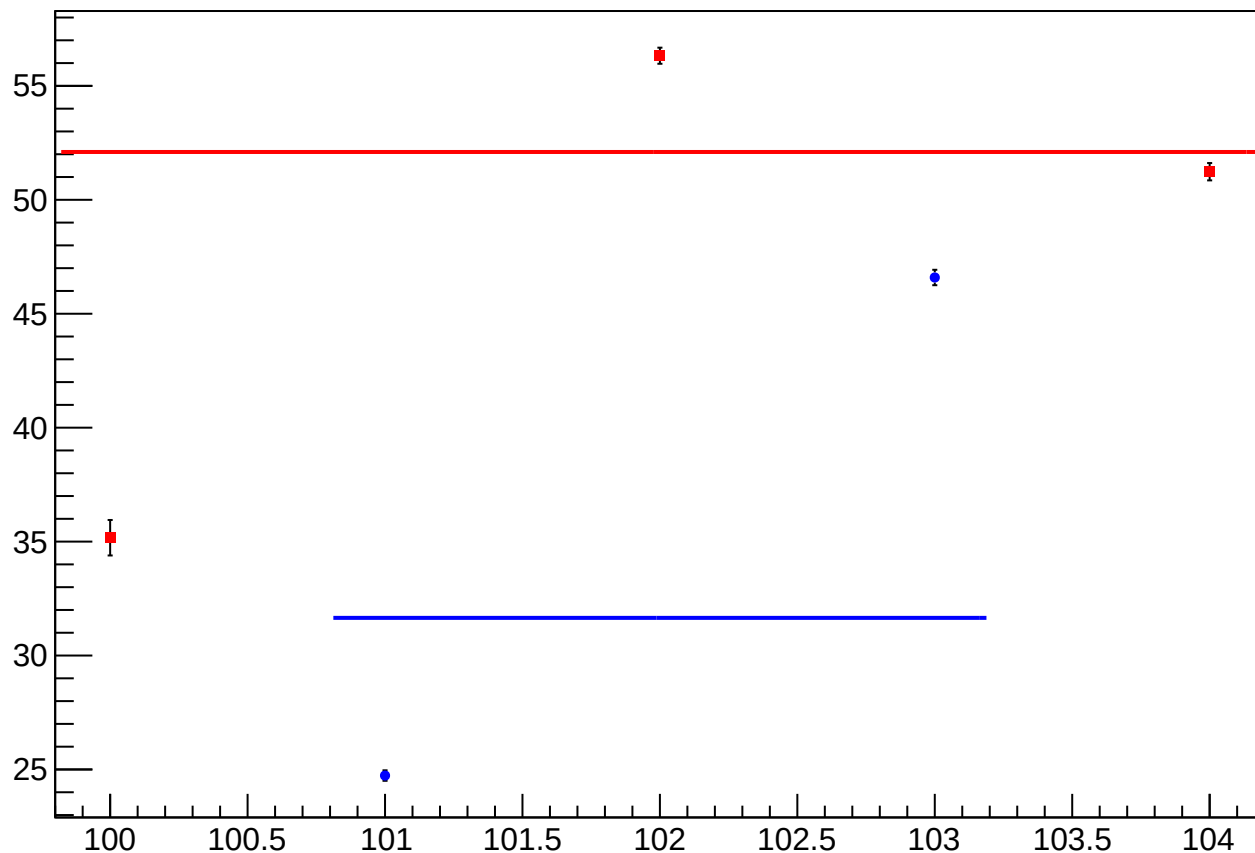
Right: -1.083+/-0.168 χ^2 /NDF: 353.3/4

In: -2.038+/-0.211 χ^2 /NDF:121.8/1

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.083+/-0.168 χ^2 /NDF: 353.3/4

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: 52.099+/-0.246 χ^2/NDF : 621.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

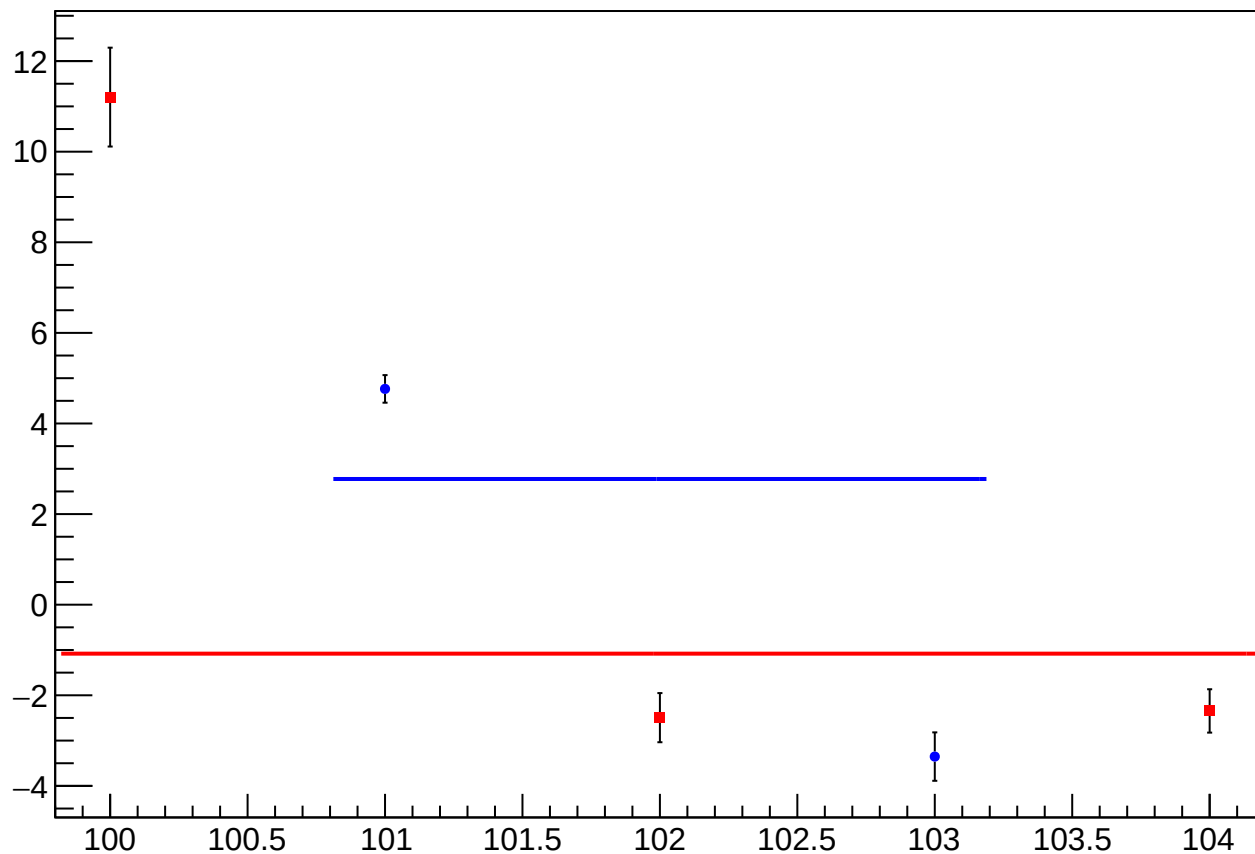
Right: 39.323+/-0.150 χ^2/NDF : 7808.6/4

In: 31.653+/-0.190 χ^2/NDF : 2855.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.323+/-0.150 χ^2/NDF : 7808.6/4

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: -1.081+/-0.341 χ^2/NDF : 140.5/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

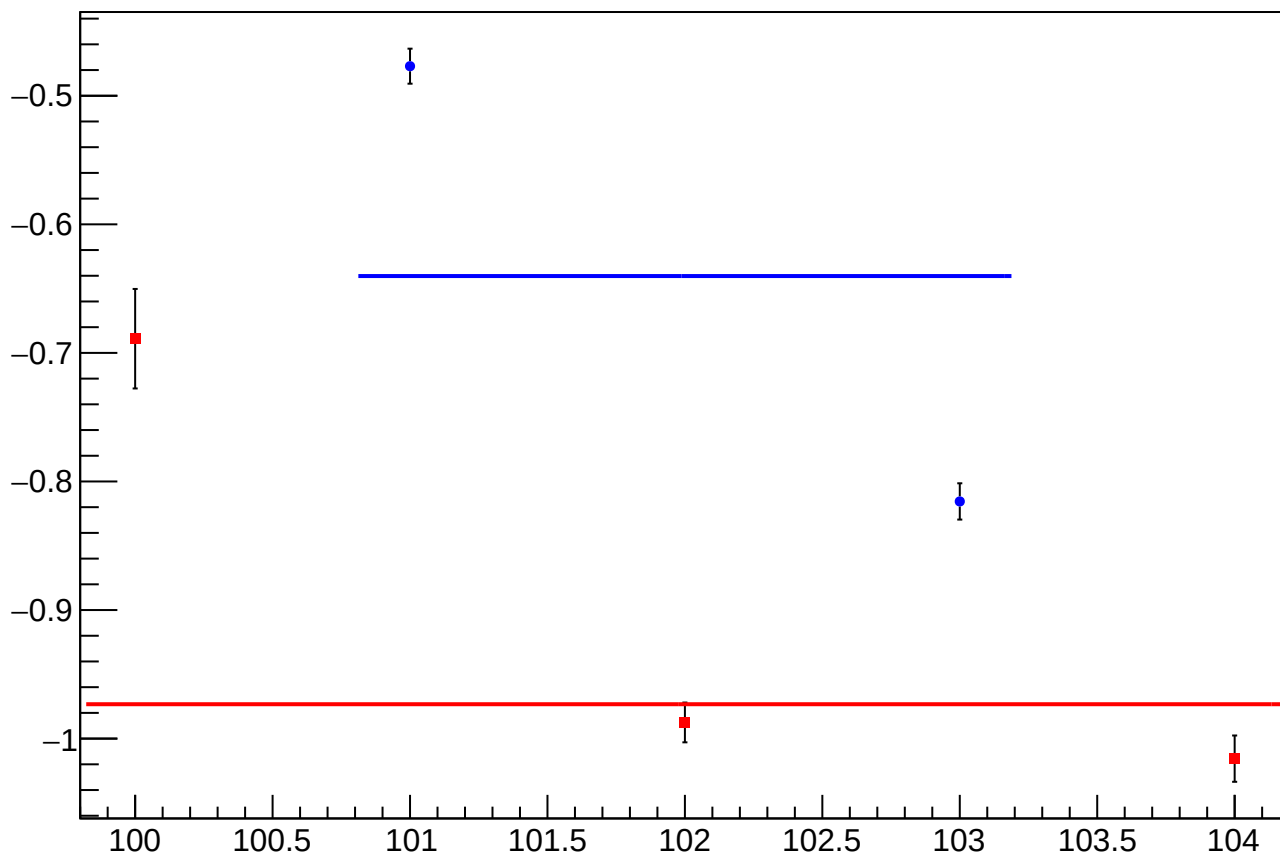
Right: 1.326+/-0.209 χ^2/NDF : 394.4/4

In: 2.775+/-0.265 χ^2/NDF : 174.1/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.326+/-0.209 χ^2/NDF : 394.4/4

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: -0.973+/-0.011 χ^2/NDF : 60.3/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

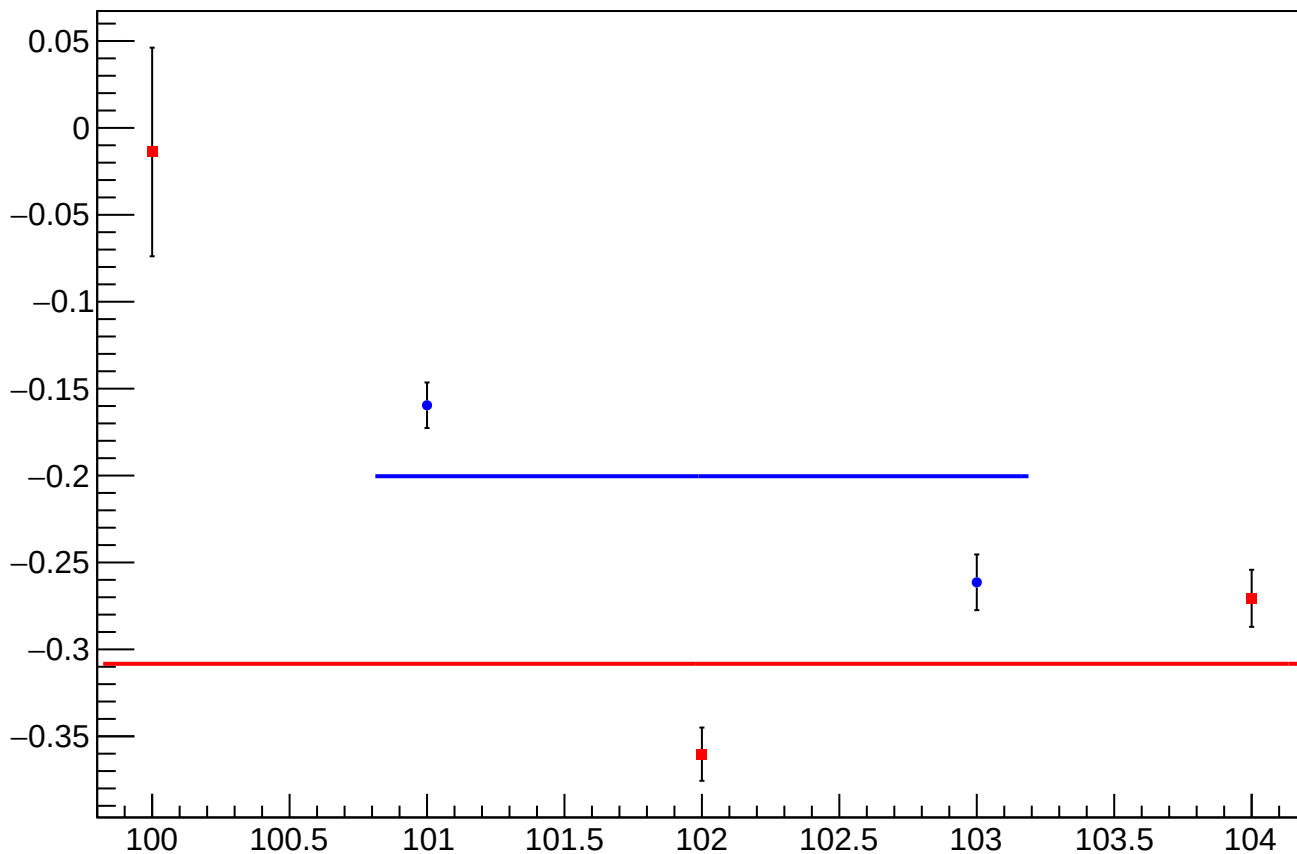
Right: -0.784+/-0.007 χ^2/NDF : 857.8/4

In: -0.640+/-0.010 χ^2/NDF : 298.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.784+/-0.007 χ^2/NDF : 857.8/4

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: -0.308+/-0.011 χ^2/NDF : 40.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

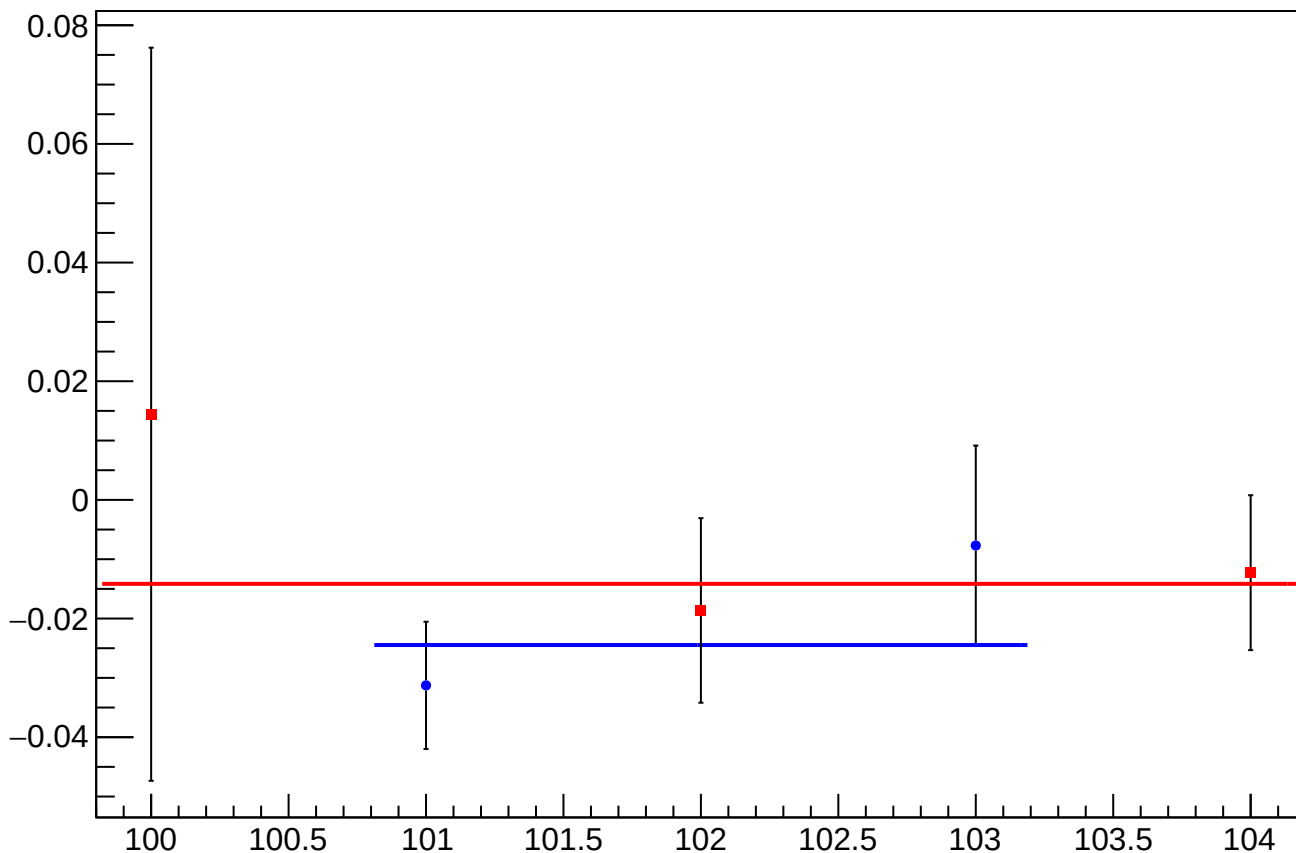
Right: -0.250+/-0.007 χ^2/NDF : 117.1/4

In: -0.200+/-0.010 χ^2/NDF : 24.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.250+/-0.007 χ^2/NDF : 117.1/4

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: -0.014 $\pm$ 0.010 χ^2 /NDF: 0.3/2

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

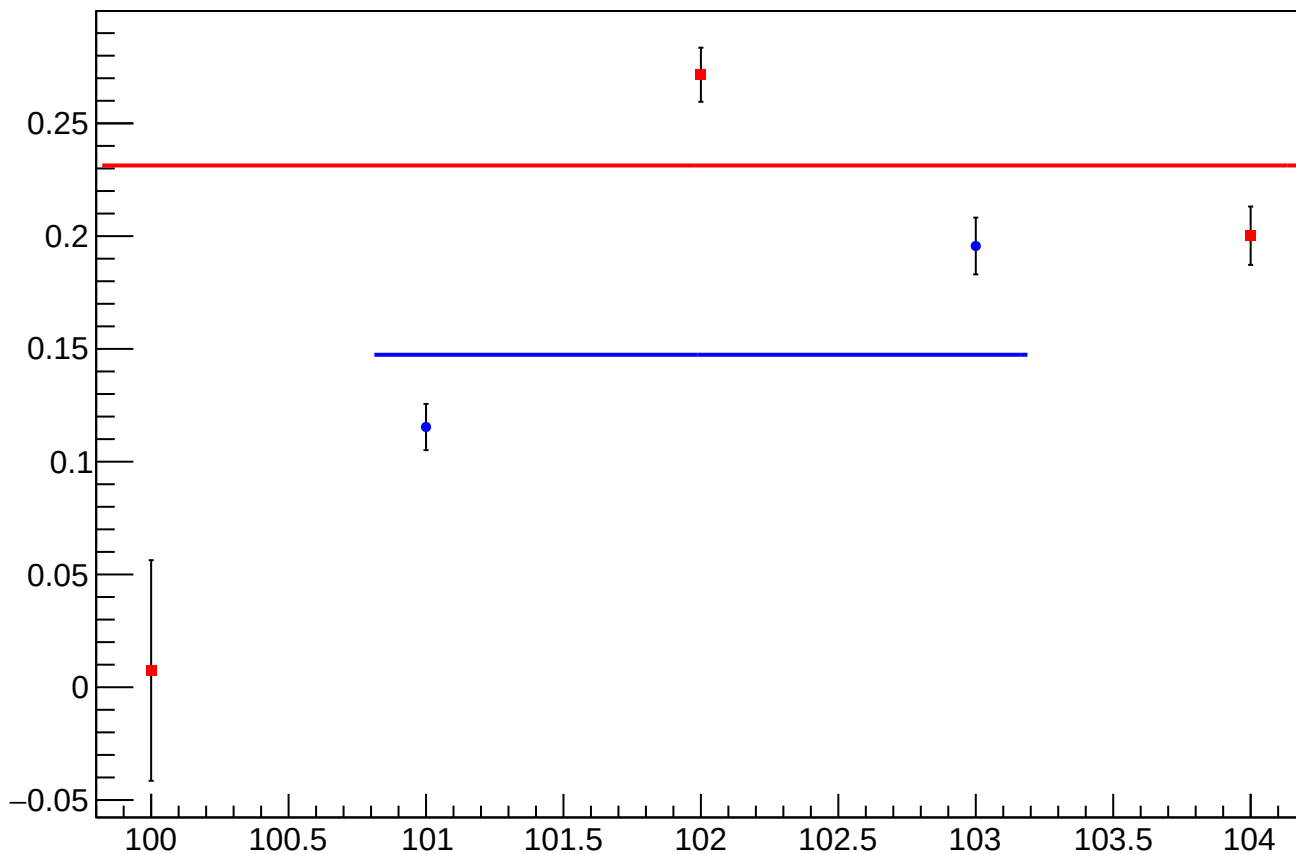
Right: -0.020 $\pm$ 0.007 χ^2 /NDF: 2.3/4

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: -0.020 $\pm$ 0.007 χ^2 /NDF: 2.3/4

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.147+/-0.008 χ^2/NDF : 24.5/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.231+/-0.009 χ^2/NDF : 38.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

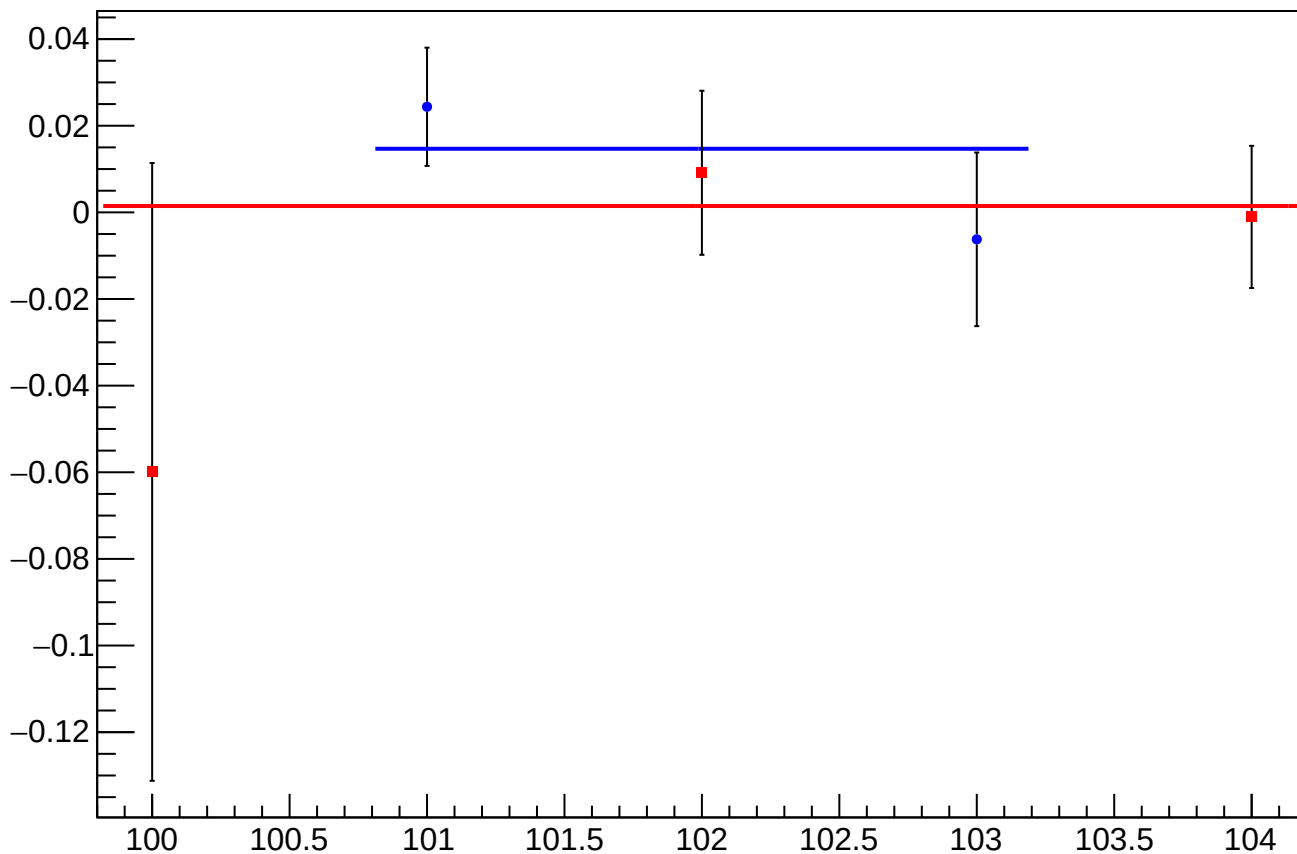
Right: 0.186+/-0.006 χ^2/NDF : 113.5/4

In: 0.147+/-0.008 χ^2/NDF : 24.5/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.186+/-0.006 χ^2/NDF : 113.5/4

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.015+/-0.011 χ^2/NDF : 1.6/1

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 0.9/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

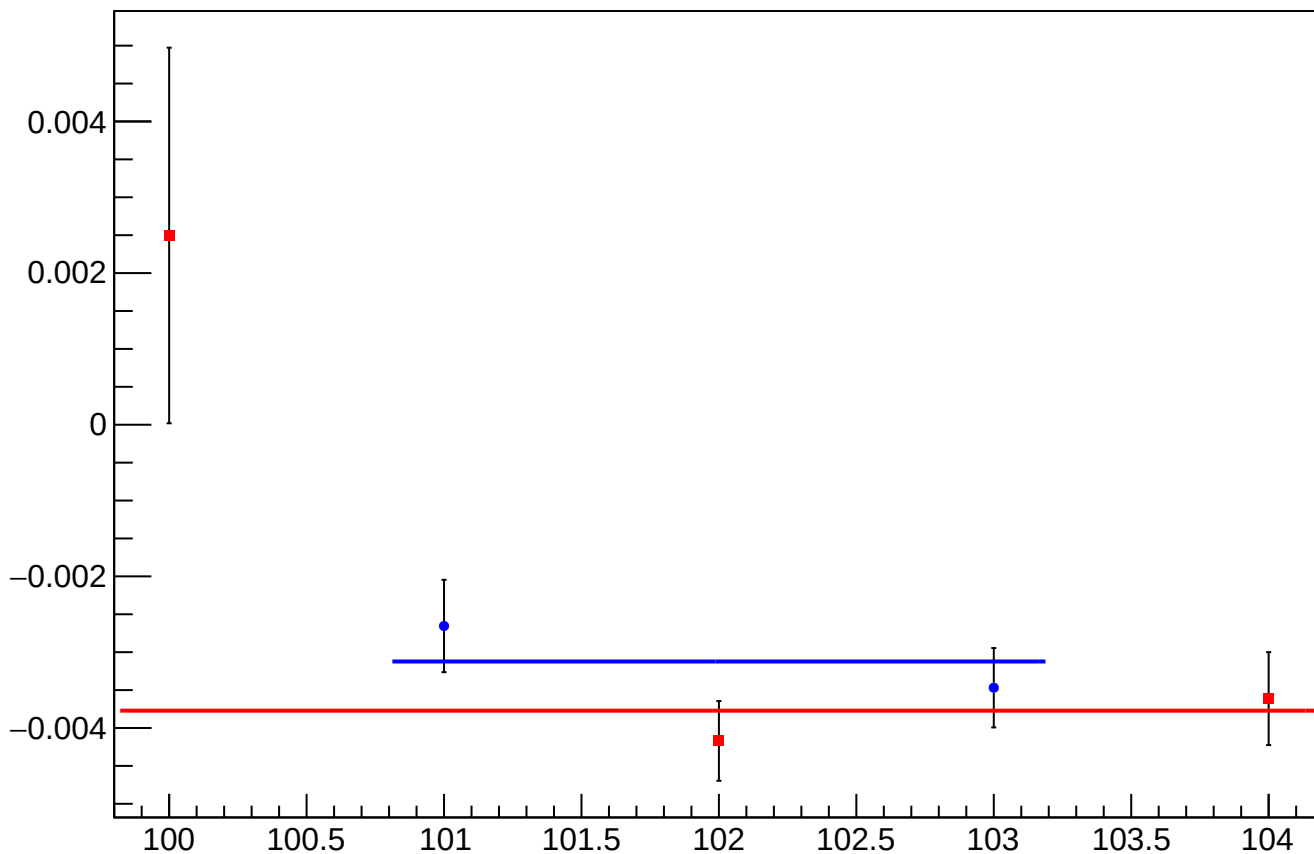
Right: 0.009+/-0.008 χ^2/NDF : 3.2/4

In: 0.015+/-0.011 χ^2/NDF : 1.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.008 χ^2/NDF : 3.2/4

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: -0.004+/-0.000 χ^2/NDF : 7.0/2

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

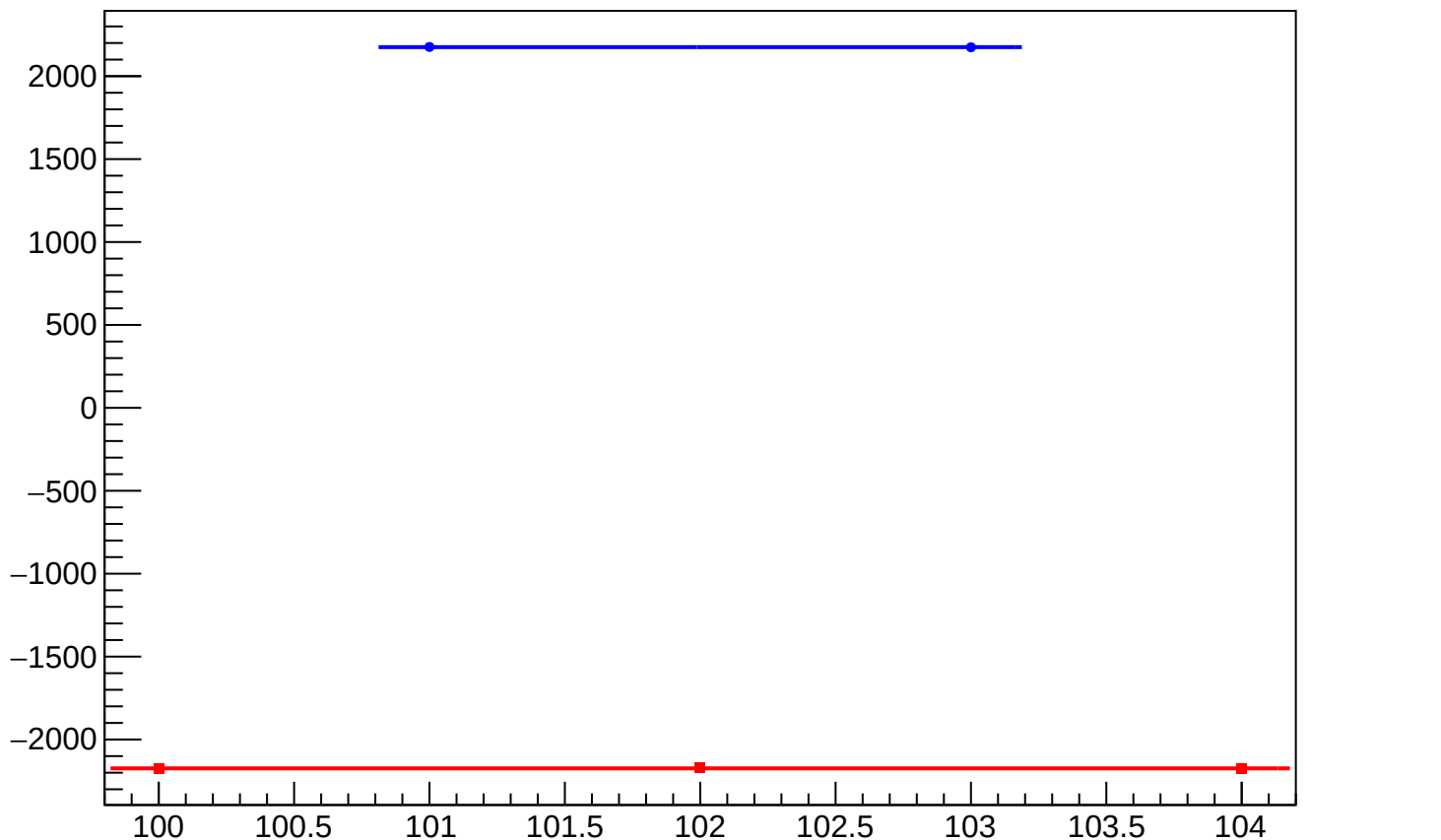
Right: -0.003+/-0.000 χ^2/NDF : 9.4/4

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 : 9.4/4

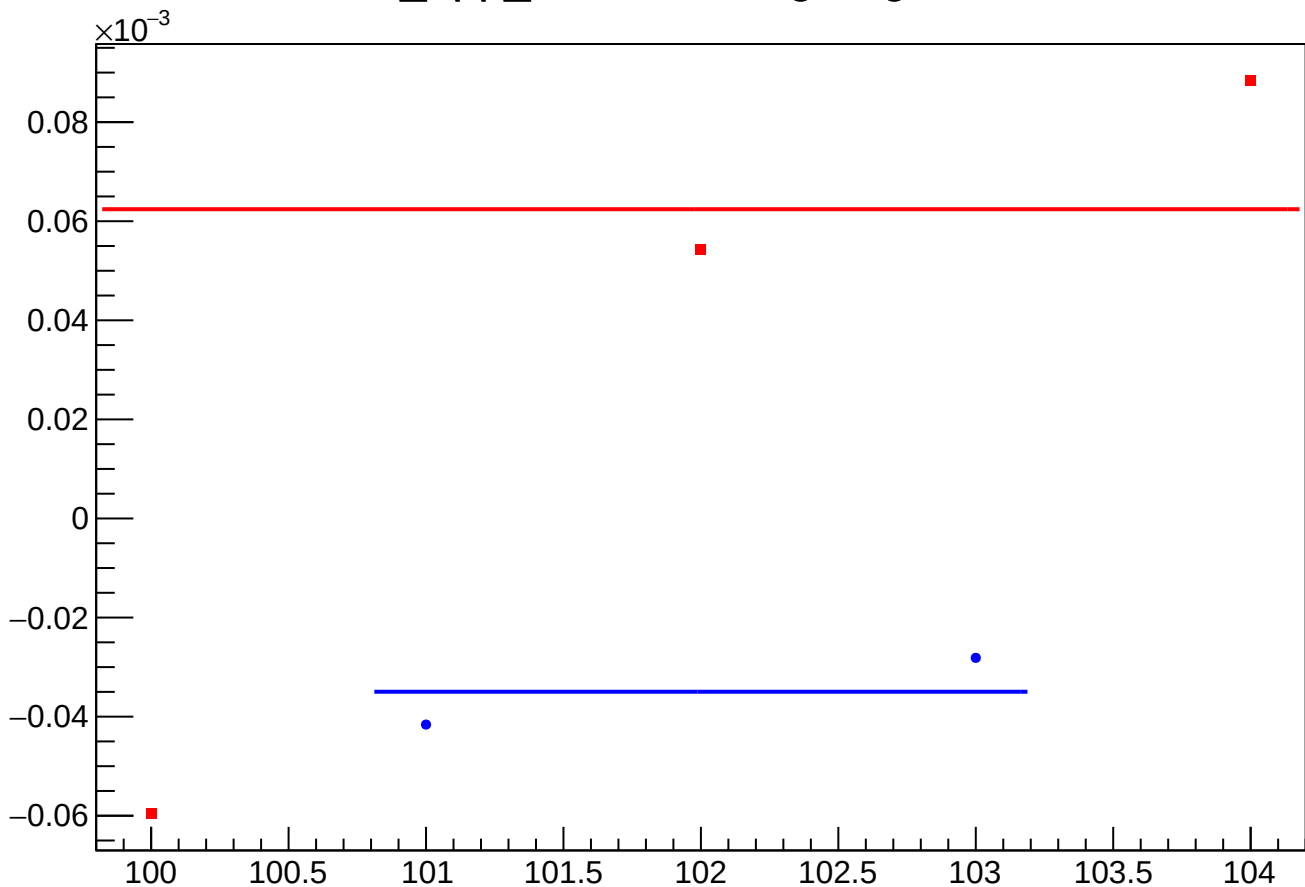
HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right: -7.780+/-0.000 χ^2 /NDF: 1215232249449960
In: 2175.215+/-0.000 χ^2 /NDF: 1513864798717318
Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
All: -7.780+/-0.000 χ^2 /NDF: 1215232249449960

Right In: 2175.215+/-0.000 χ^2 /NDF: 1513864798717318
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
Right Out: -2173.853+/-0.000 χ^2 /NDF: 1152766577082800144446405337939968.0/2
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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 : 76025561826945029

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 144994075726634203217920.0/2

χ^2/NDF : 580131244594210065

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

χ^2/NDF : 580131244594210065

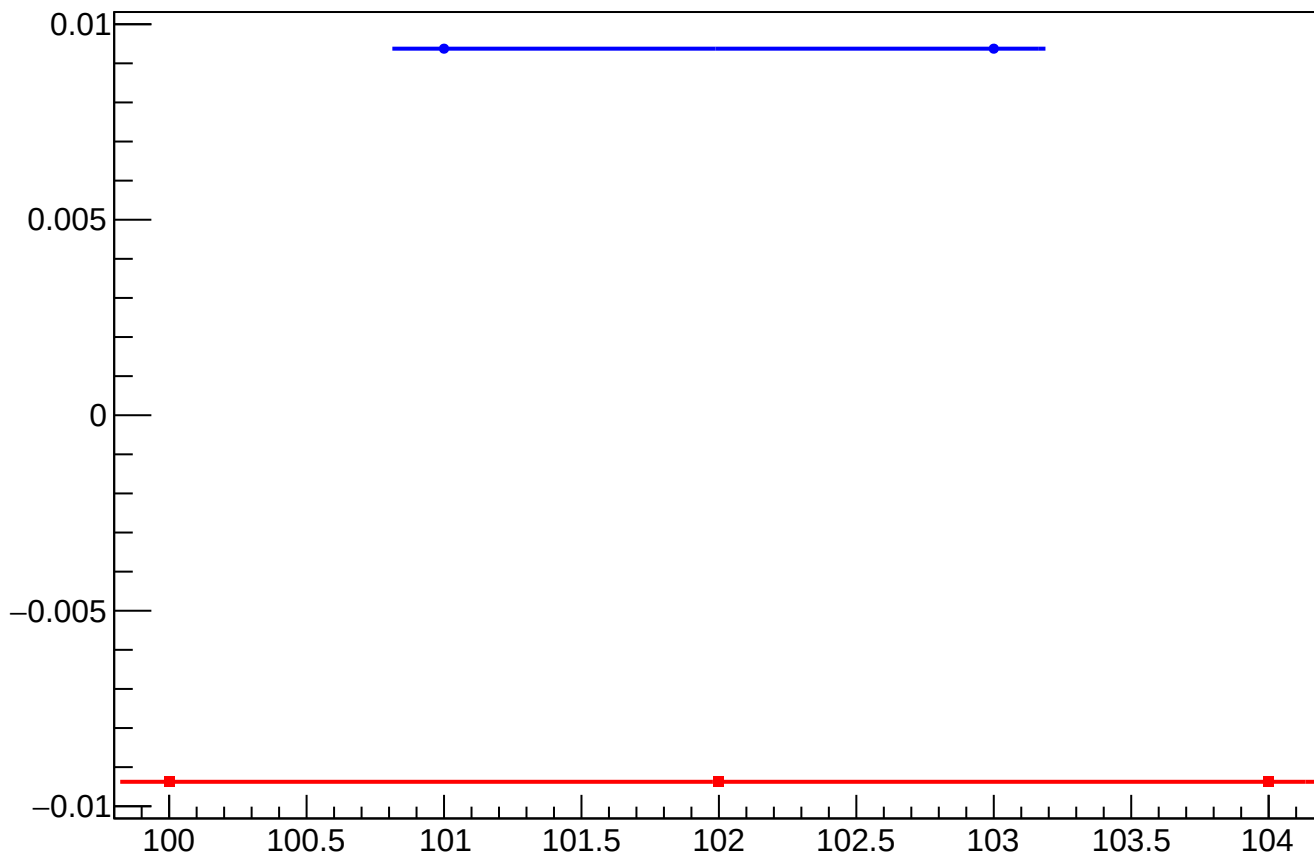
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 76025561826945

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: 0.0/2

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

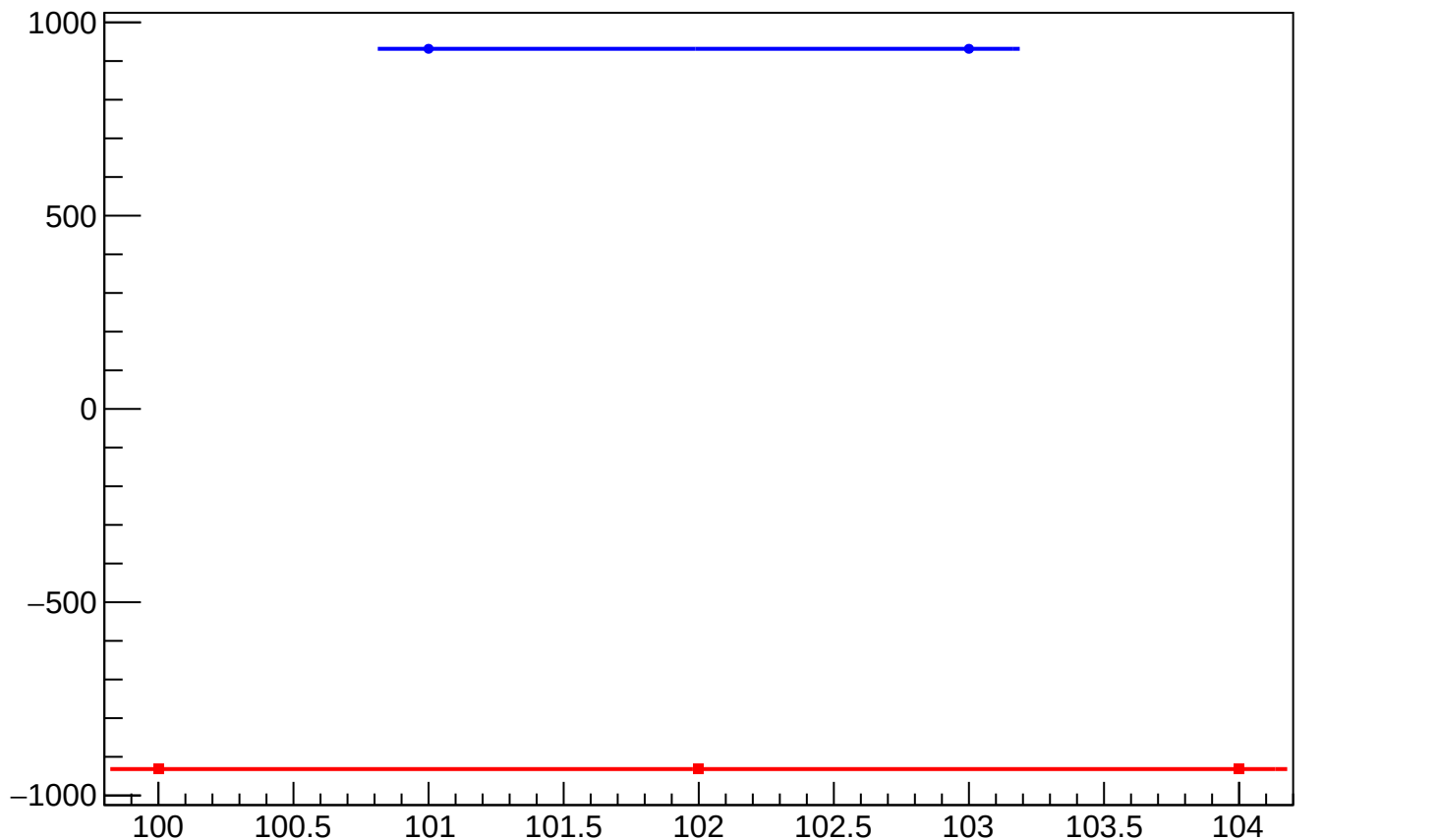
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2258754863813228

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/1

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

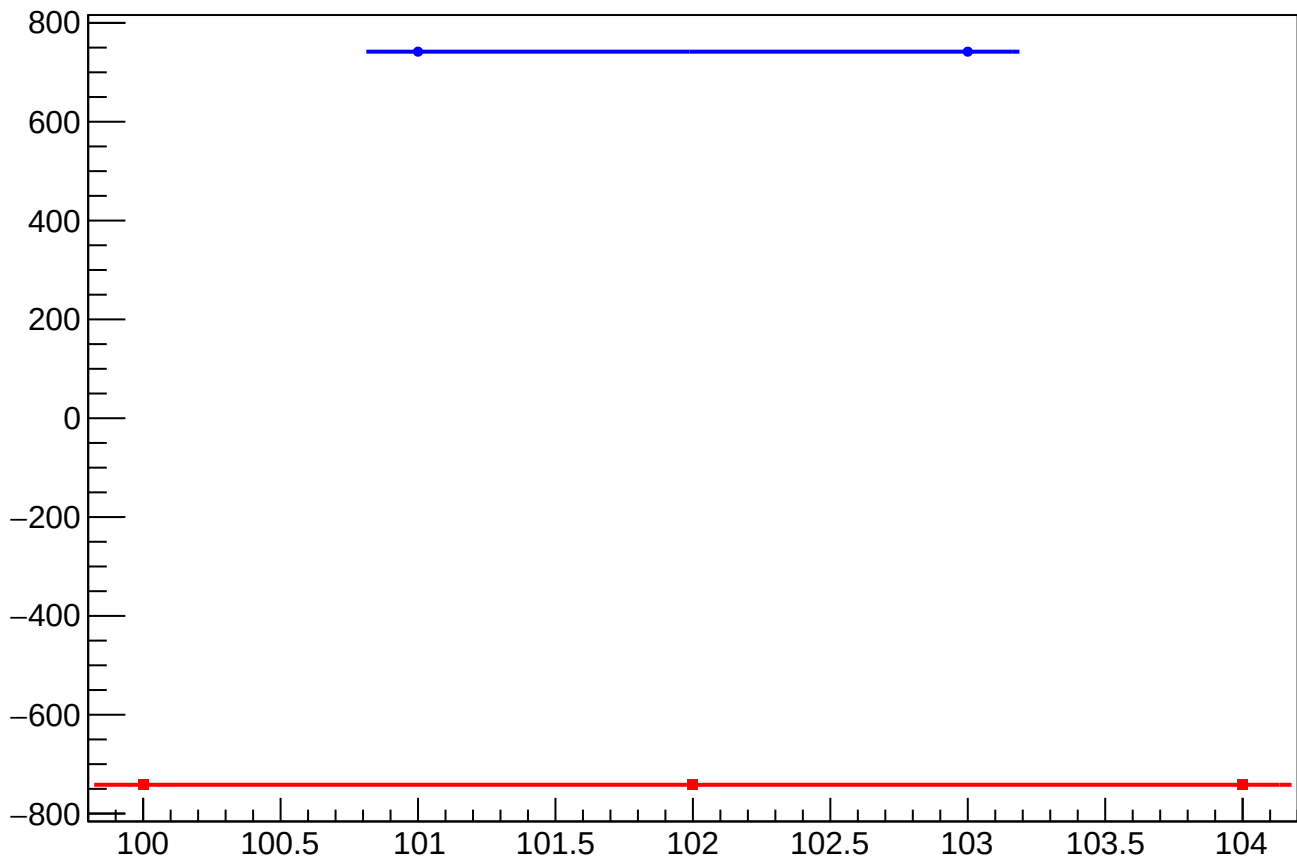
All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2258754863813

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



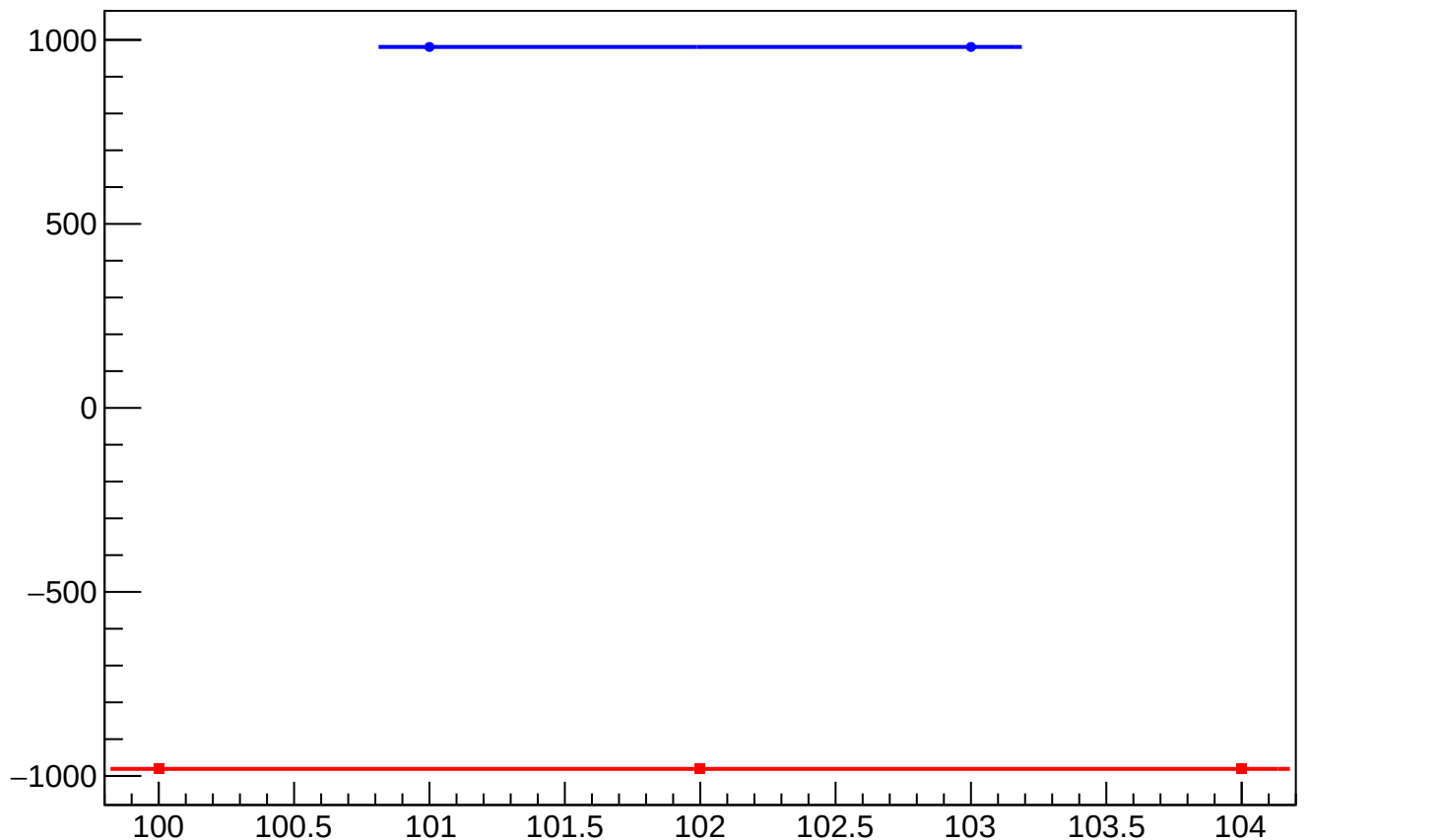
Right In: 931.682 $\pm$ 0.000 χ^2/NDF : 11424886512742229379219718144.0/1
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -931.681 $\pm$ 0.000 χ^2/NDF : 3060760430458885470521655296.0/2
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -3.624 $\pm$ 0.000 χ^2/NDF : 2230804881835810

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



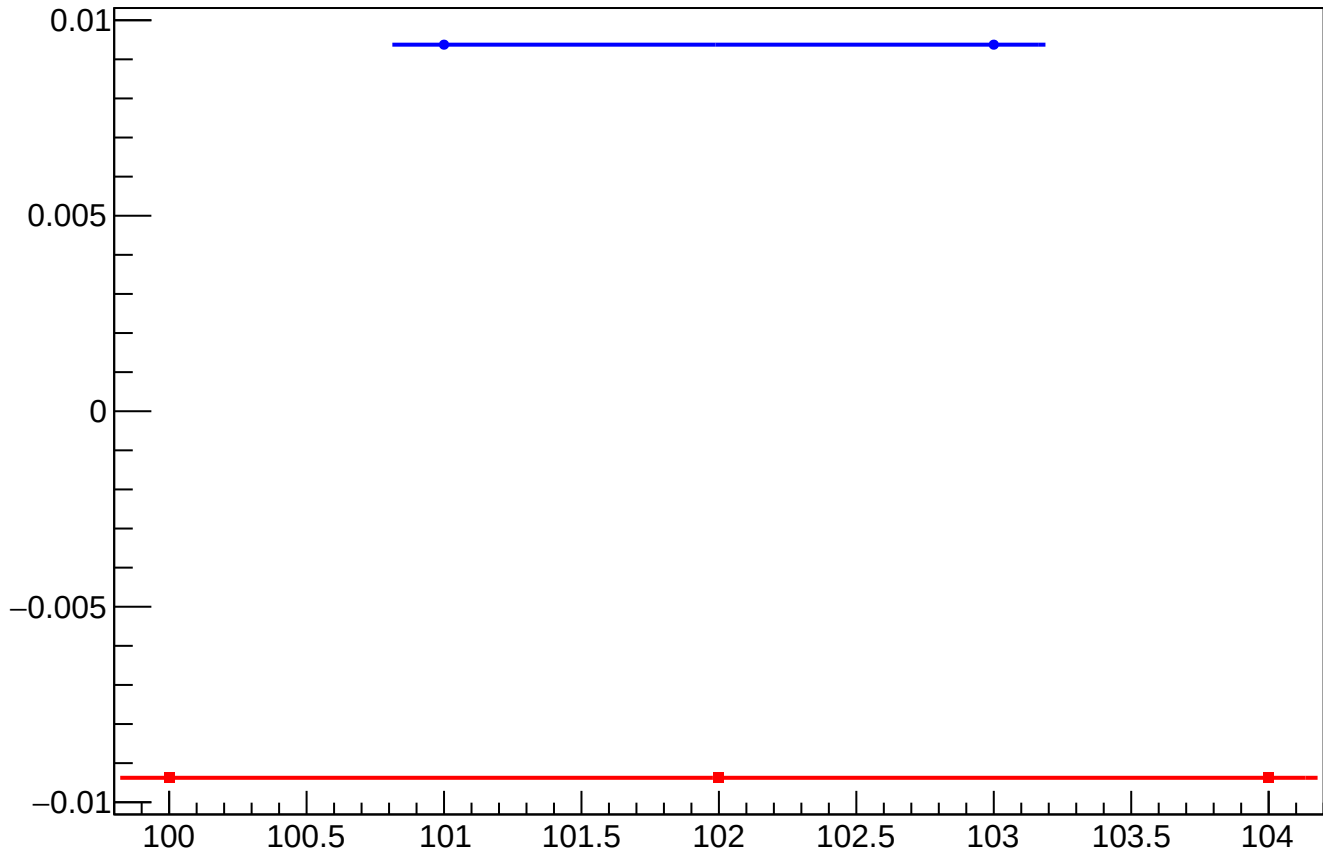
Right In: 741.772 $\pm$ 0.000 χ^2 /NDF: 685997903312158054431064064.0/1
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -741.760 $\pm$ 0.000 χ^2 /NDF: 29673648948795815804866134016.0/2
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.880 $\pm$ 0.000 χ^2 /NDF: 1414036004478596

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: -980.819+/-0.000 χ^2/NDF : 21915346934975474376351154176.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.819+/-0.000 χ^2/NDF : 2472305134577183

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 : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

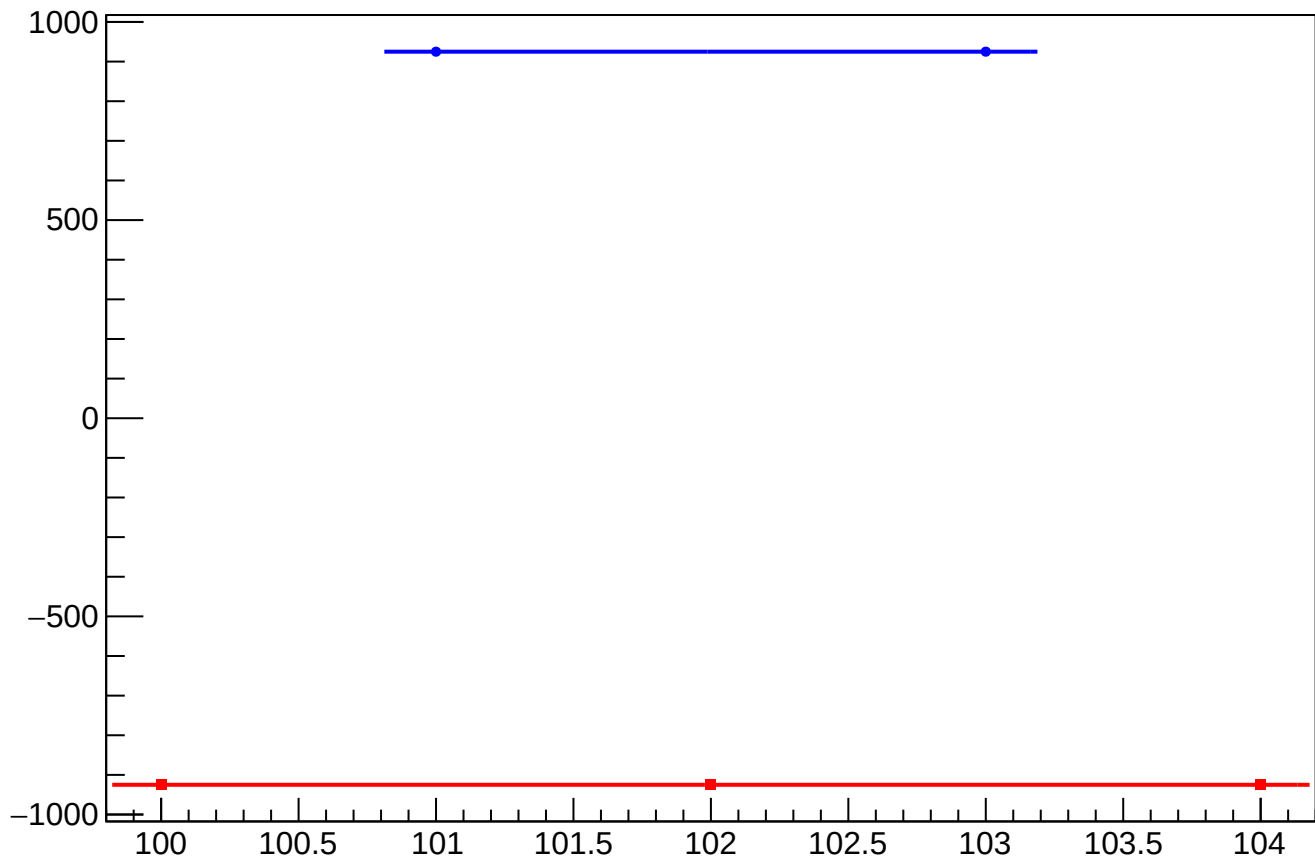
Right: -0.000+/-0.000 χ^2/NDF : 2258754863813228

In: 0.009+/-0.000 χ^2/NDF : 0.0/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

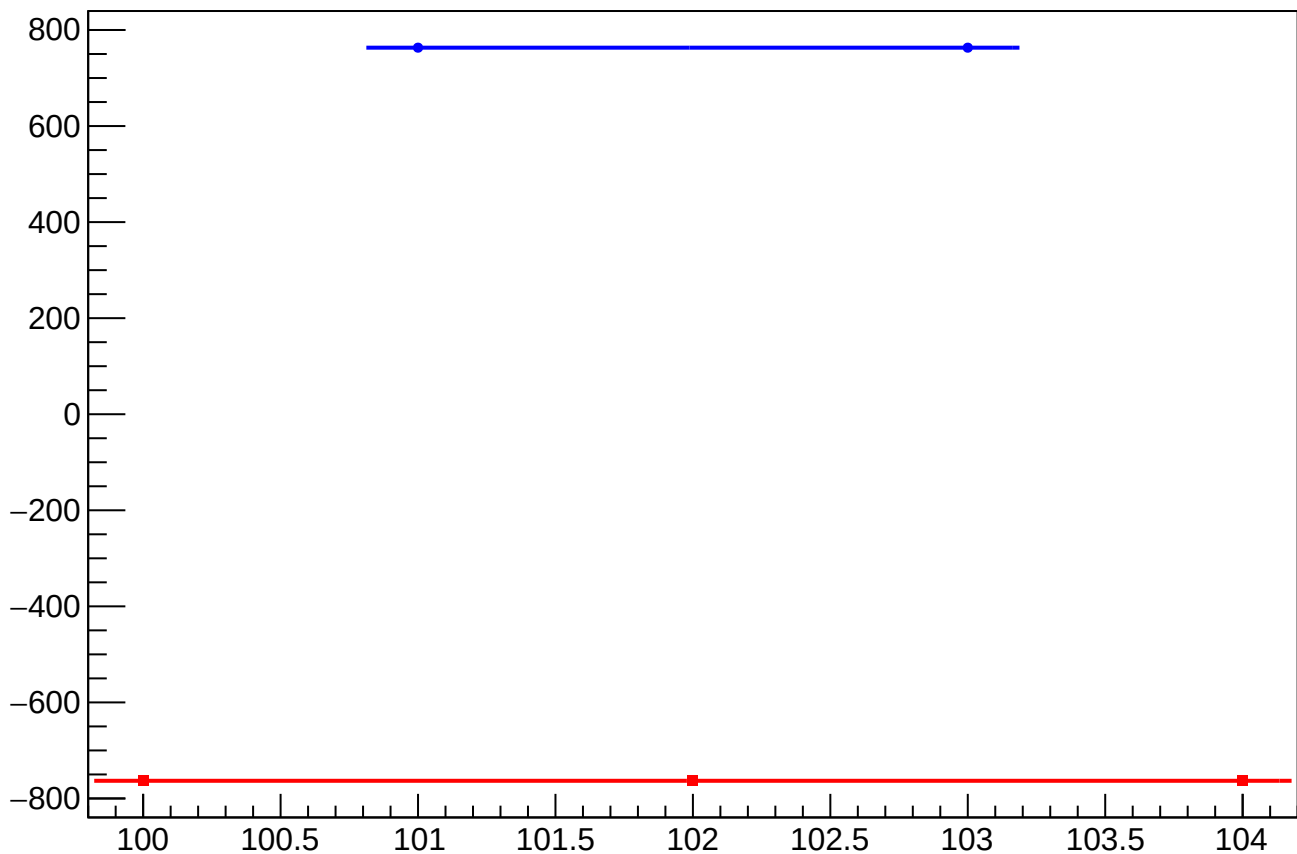
All: -0.000+/-0.000 χ^2/NDF : 2258754863813

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



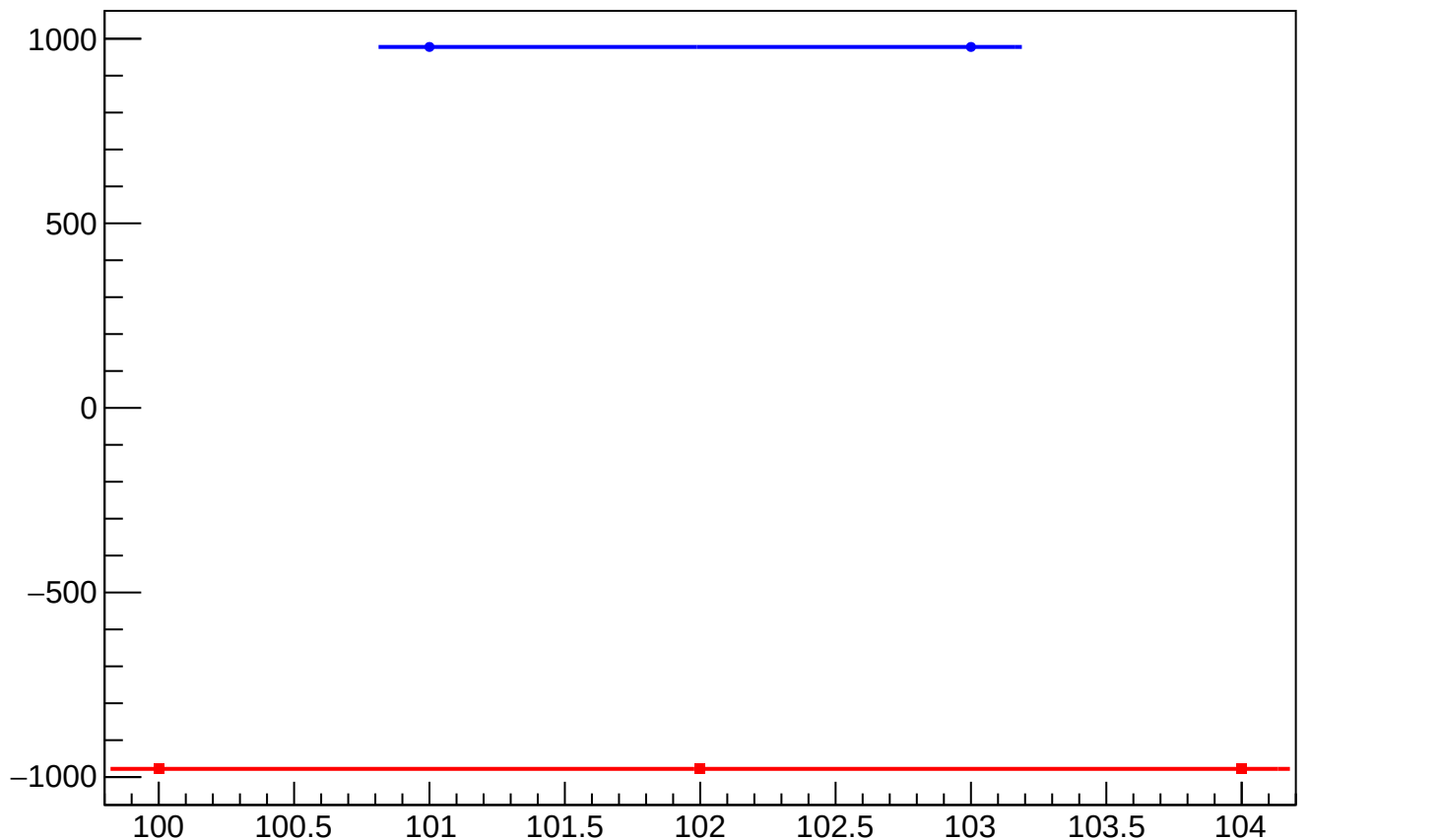
Right In: 924.988+/-0.000 χ^2/NDF : 64553518450560448875877892096.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.993+/-0.000 χ^2/NDF : 21776841841505422919545651200.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.602+/-0.000 χ^2/NDF : 2198878492535370.0/4

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



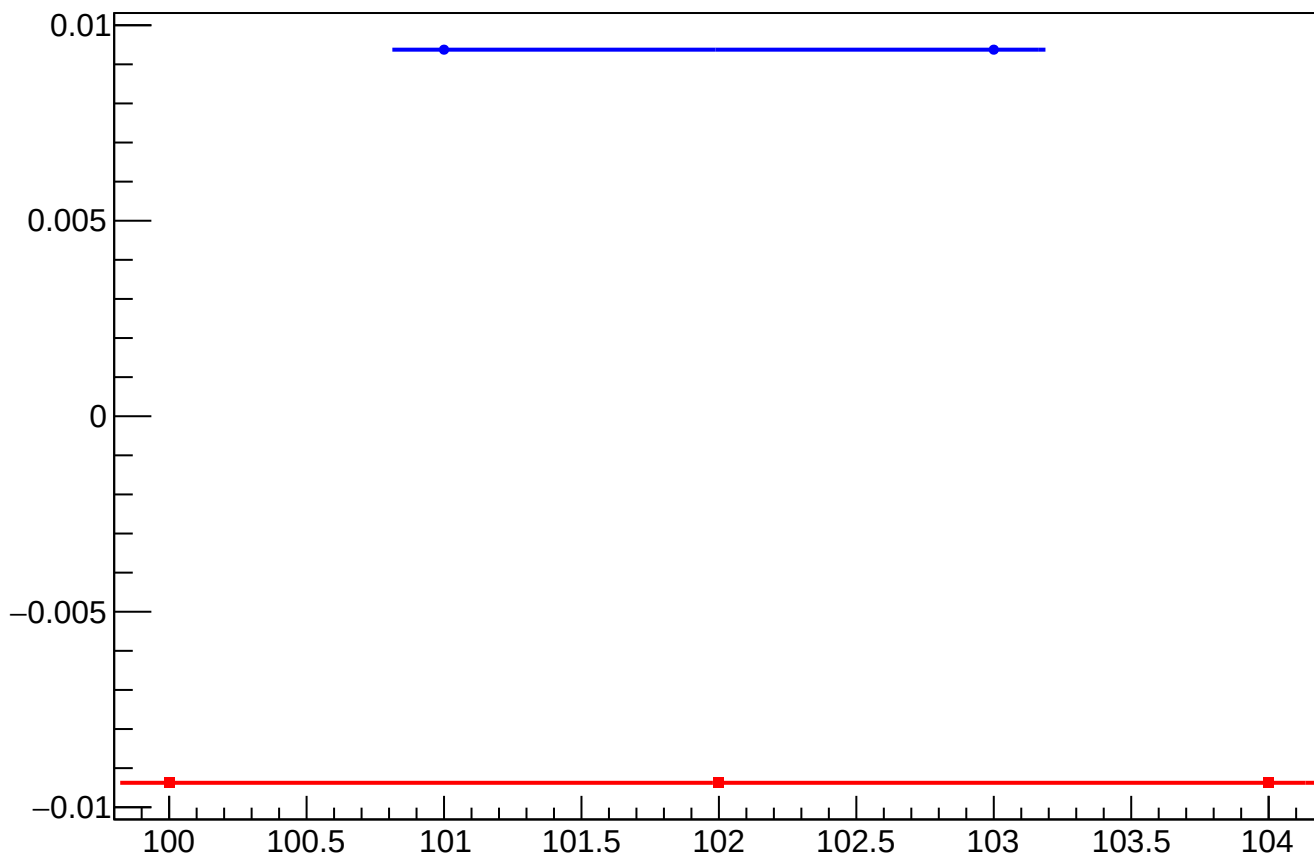
Right In: 763.187+/-0.000 χ^2/NDF : 3703440259585865301192867840.0/1
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -763.203+/-0.000 χ^2/NDF : 18123004256955940476605693952.0/2
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -2.978+/-0.000 χ^2/NDF : 1496916005284234

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: -977.745+/-0.000 χ^2 /NDF: 55477601232153469617497440256.0/2
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: -3.803+/-0.000 χ^2 /NDF: 2456853739400009

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 : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

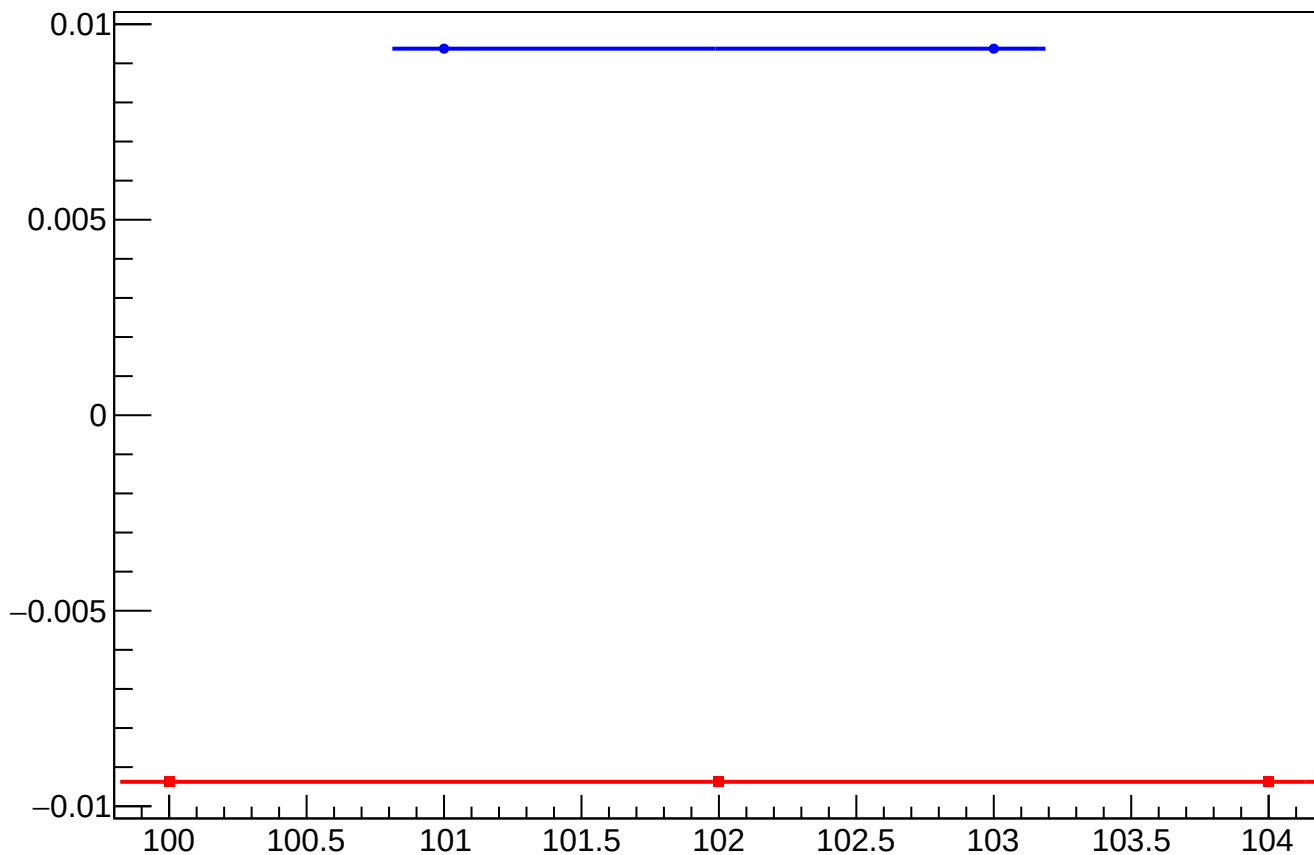
Right: -0.000+/-0.000 χ^2/NDF : 2258754863813228

In: 0.009+/-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 : 2258754863813

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 : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

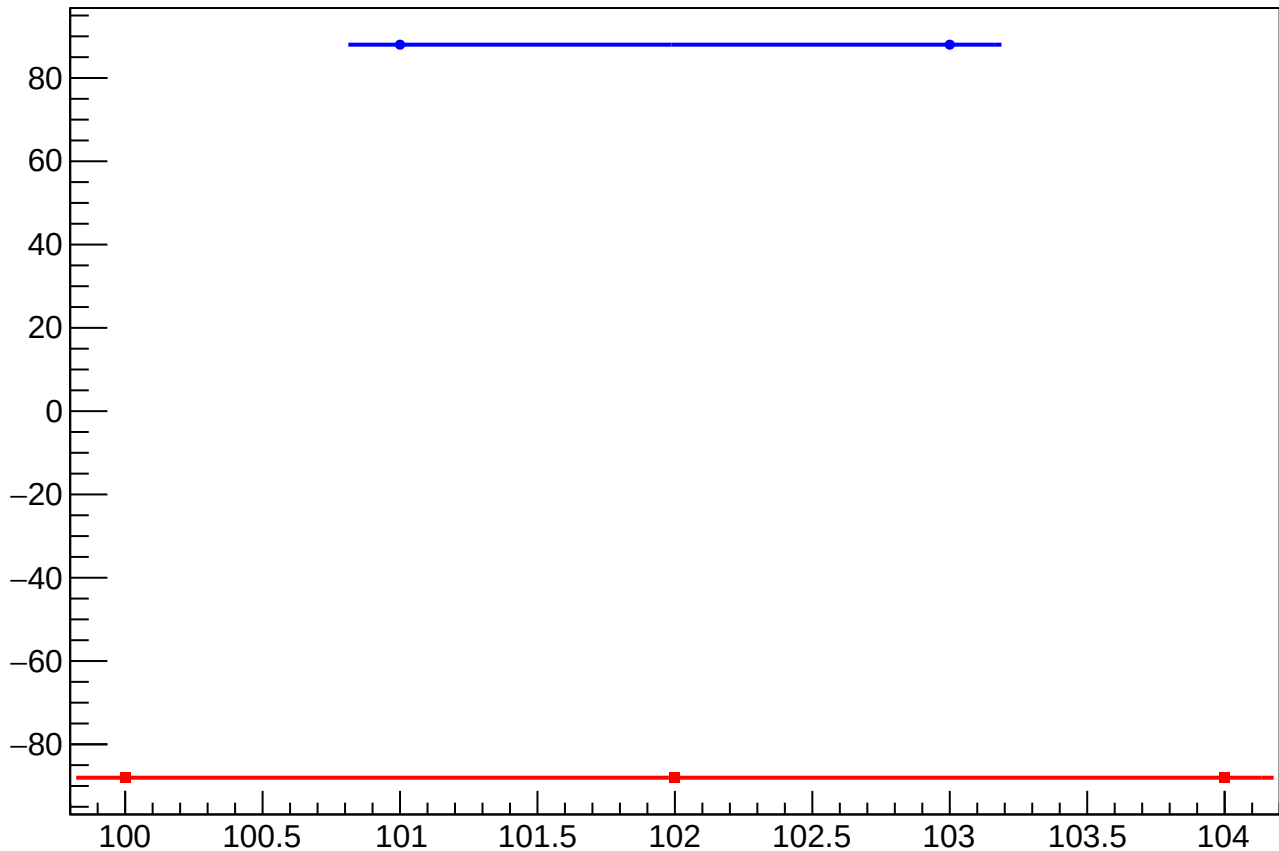
Right: -0.000+/-0.000 χ^2/NDF : 2258754863813228

In: 0.009+/-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 : 2258754863813

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: -88.017+/-0.000 χ^2/NDF : 45816451251675040893418602496.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

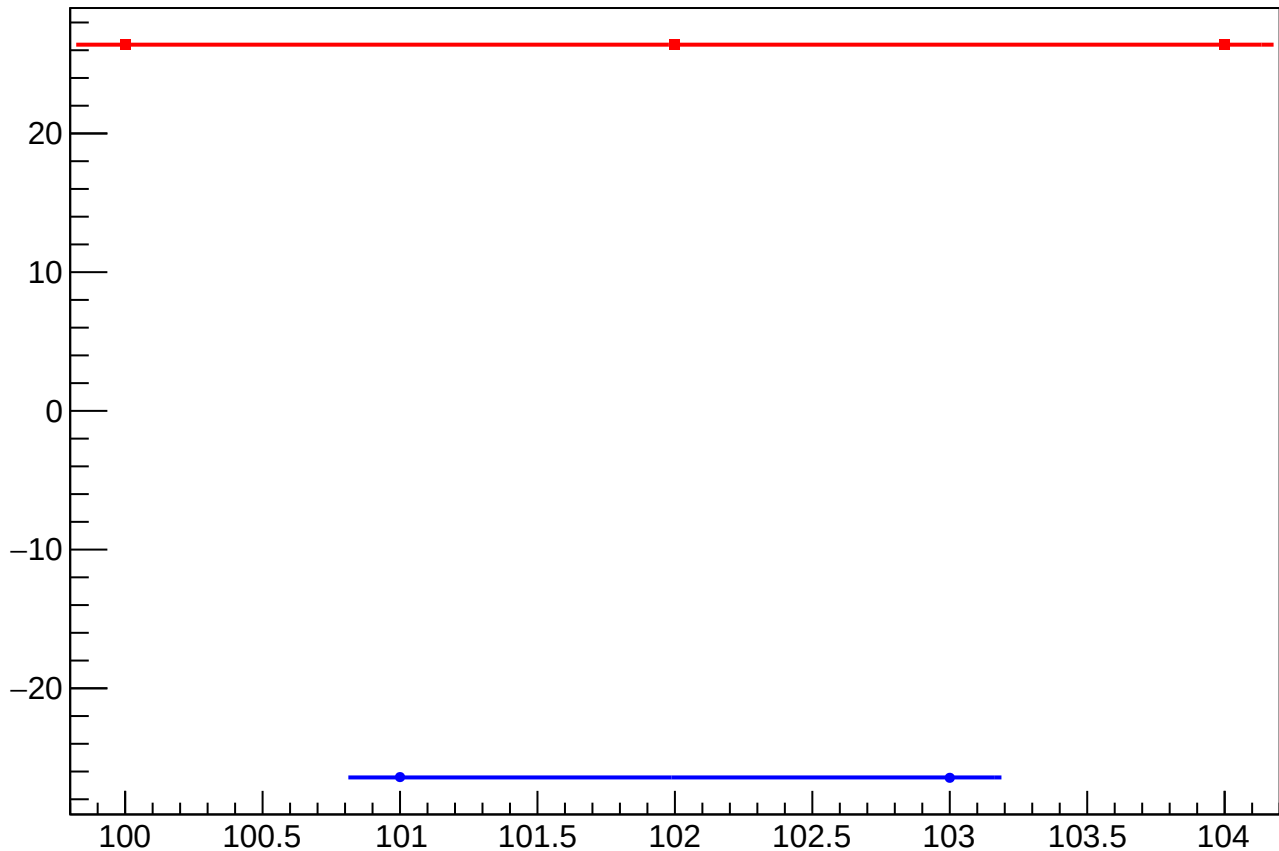
Right: -0.350+/-0.000 χ^2/NDF : 1990571388623495

In: 88.001+/-0.000 χ^2/NDF : 25849.4/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.350+/-0.000 χ^2/NDF : 1990571388623

HWienAngle_mean vs Slug, Sign Corrected



Right In: -26.426 $\pm$ 0.000

χ^2 /NDF: 84616071428601276711999373312.0/1

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: 0.090 $\pm$ 0.000

χ^2 /NDF: 17929741720664720

Left Out: 0.000 $\pm$ 0.000

χ^2 /NDF: 0.0/0

Right Out: 26.401 $\pm$ 0.000

χ^2 /NDF: 81612.4/2

In: -26.426 $\pm$ 0.000

χ^2 /NDF: 84616071428601276

Out: 0.000 $\pm$ 0.000

χ^2 /NDF: 0.0/0

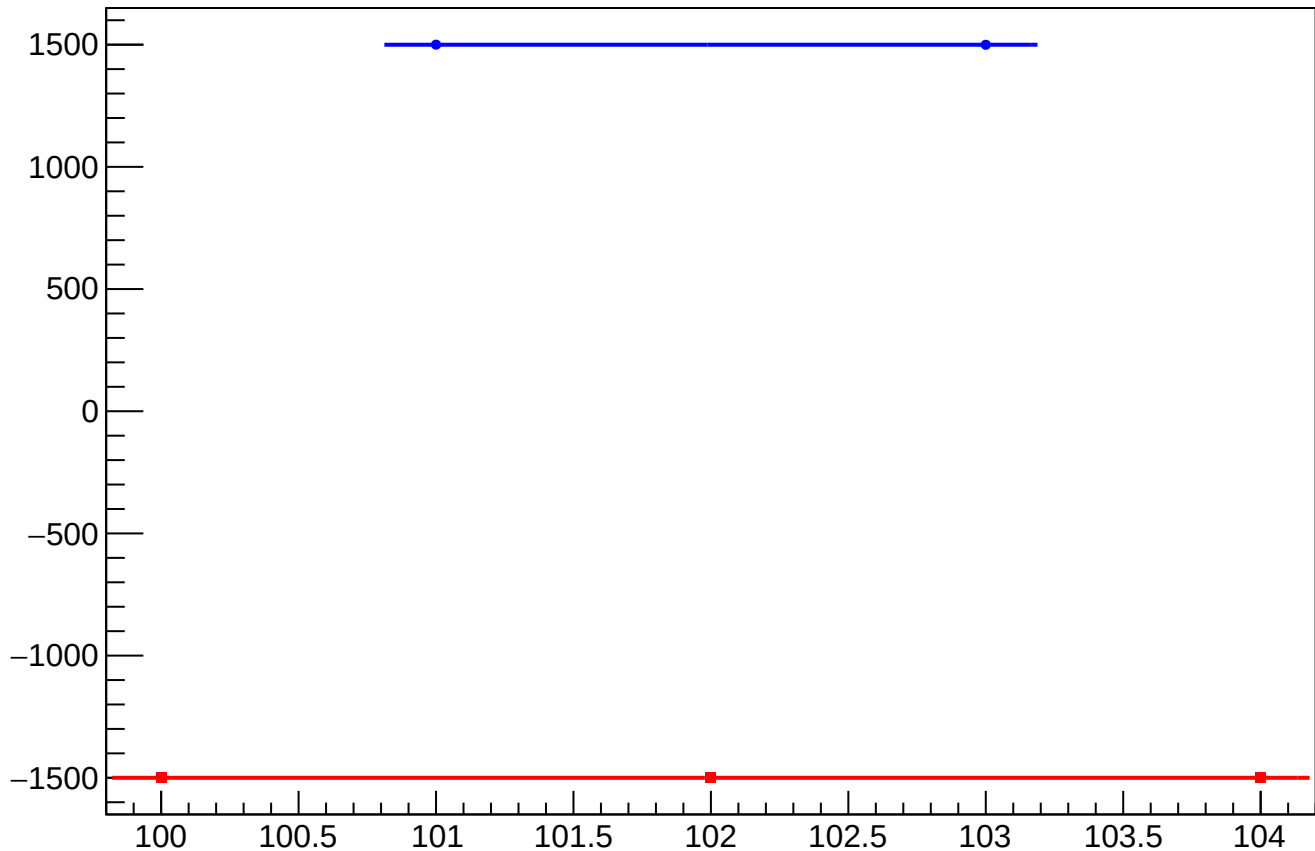
Left In: 0.000 $\pm$ 0.000

χ^2 /NDF: 0.0/0

All: 0.090 $\pm$ 0.000

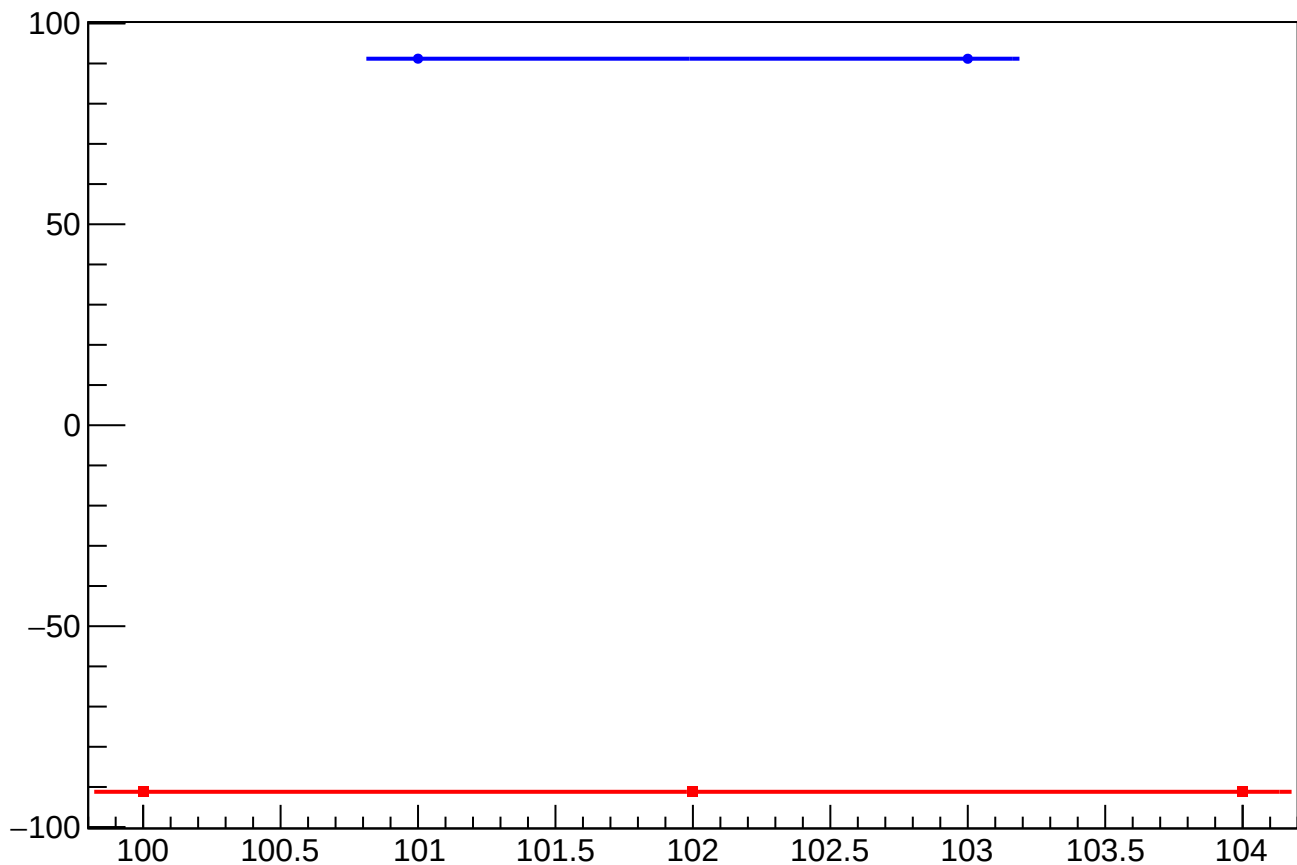
χ^2 /NDF: 17929741720664

psub_pl_pos_mean vs Slug, Sign Corrected



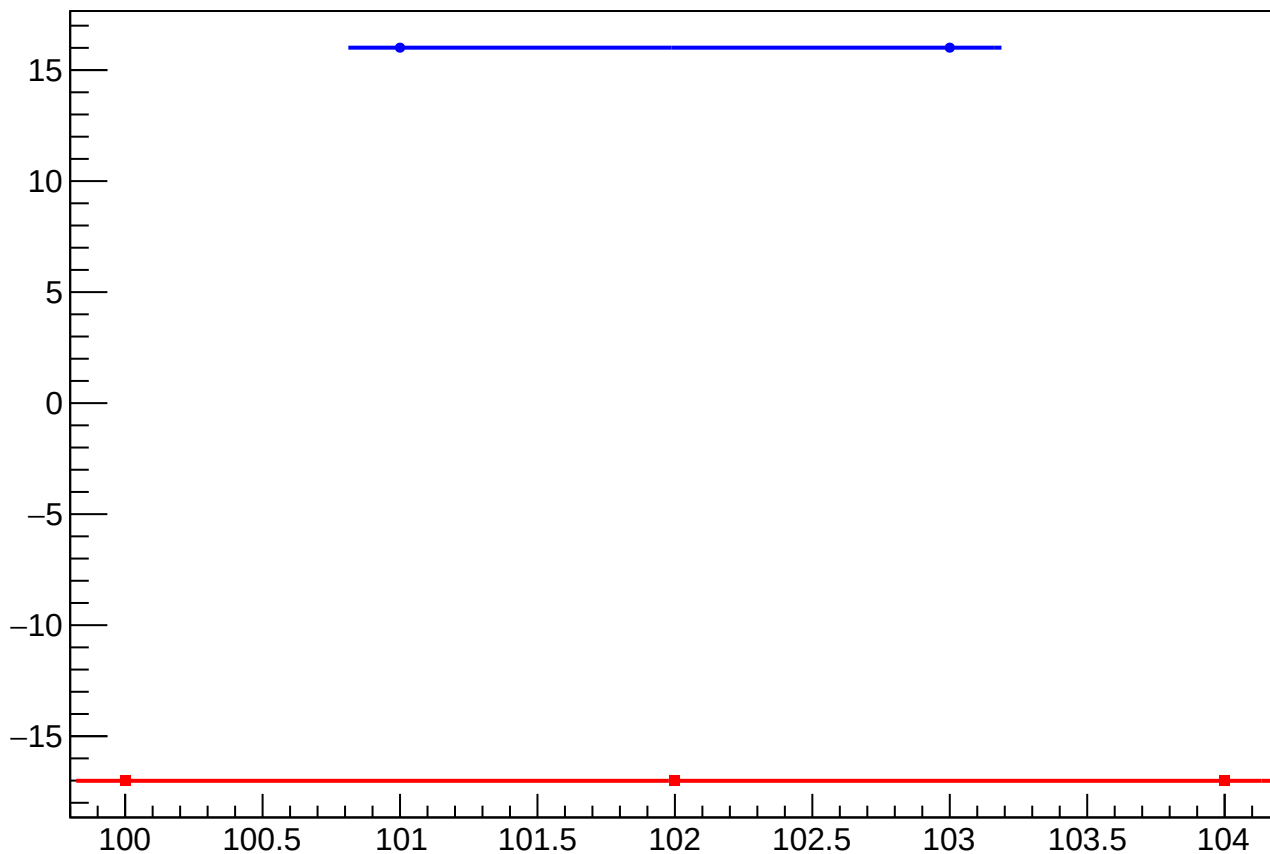
Right In: 1499.751+/-0.000 χ^2/NDF : 8265014854241130300296031895552.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1500.001+/-0.000 χ^2/NDF : 281810094.9/2
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -5.961+/-0.000 χ^2/NDF : 5781453614687439

Phi_FG_mean vs Slug, Sign Corrected



Right In: 91.190 $\pm$ 0.000 χ^2 /NDF: 12393849206289169981649190912.0/1
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -91.199 $\pm$ 0.000 χ^2 /NDF: 888371.0/2
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -0.360 $\pm$ 0.000 χ^2 /NDF: 2137289720908064.0/1
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: -0.360 $\pm$ 0.000 χ^2 /NDF: 2137289720908064.0/1
In: 91.190 $\pm$ 0.000 χ^2 /NDF: 12393849206289169981649190912.0/1
Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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 : 16458.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

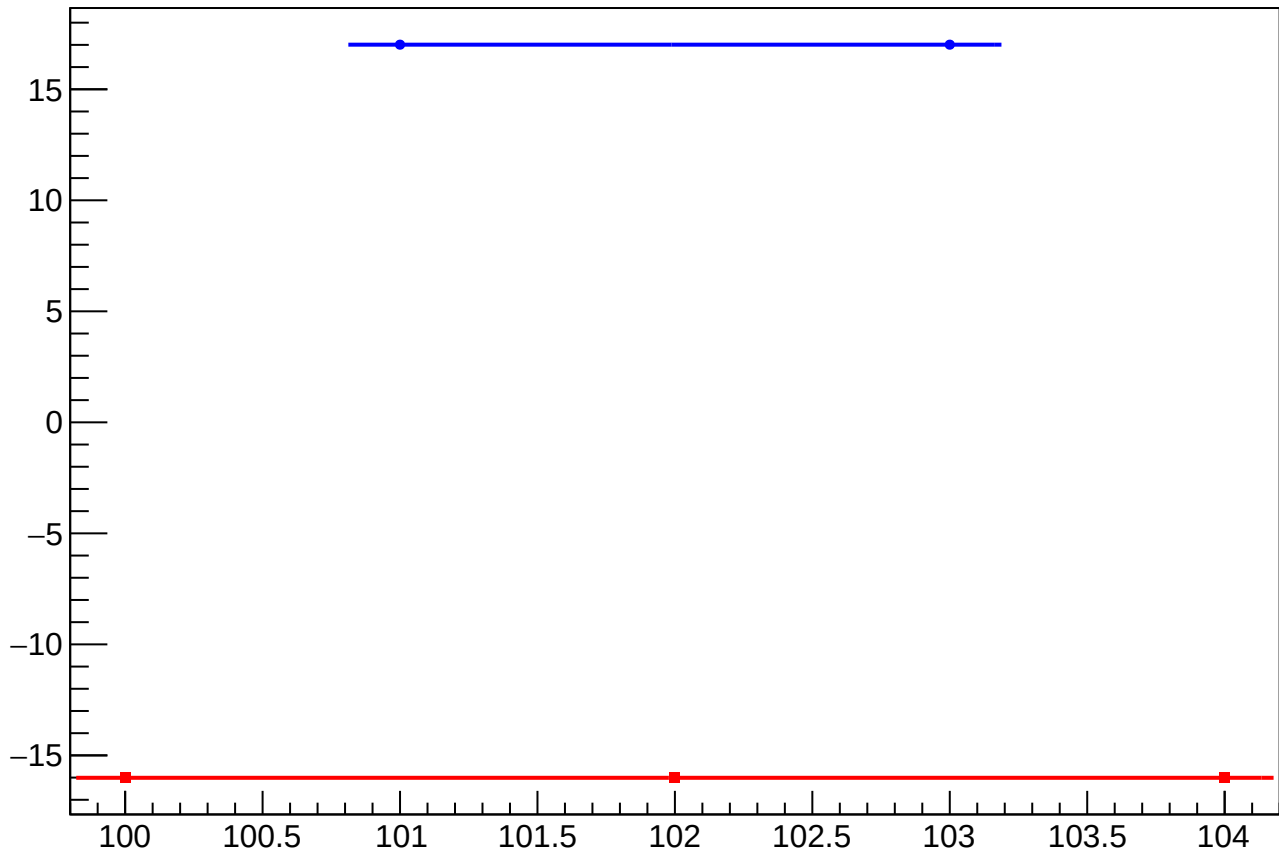
Right: -0.104+/-0.000 χ^2/NDF : 6810061716000005

In: 16.009+/-0.000 χ^2/NDF : 1615.6/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.104+/-0.000 χ^2/NDF : 6810061716000

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 : 4379.8/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

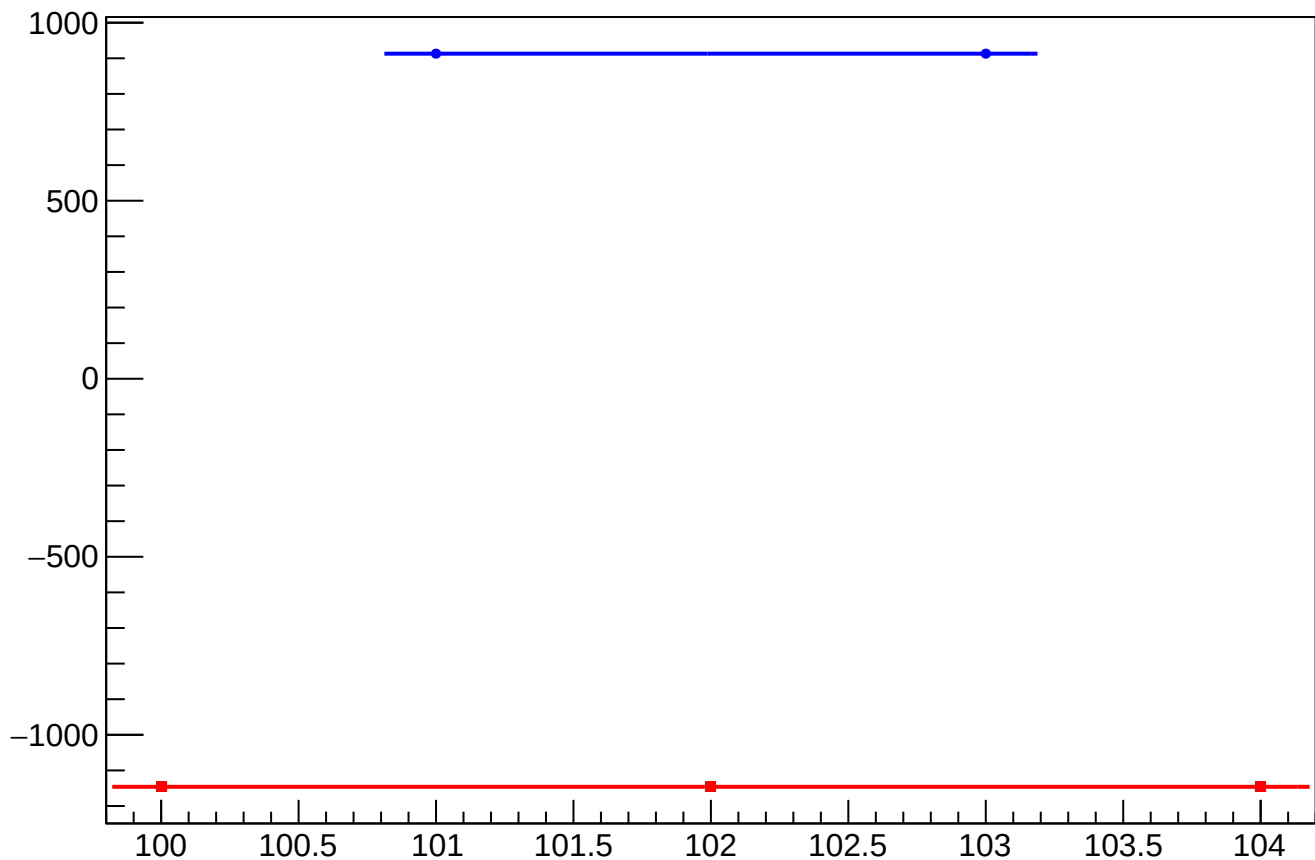
Right: -0.166+/-0.000 χ^2/NDF : 6748484378764493

In: 17.009+/-0.000 χ^2/NDF : 795.2/1

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

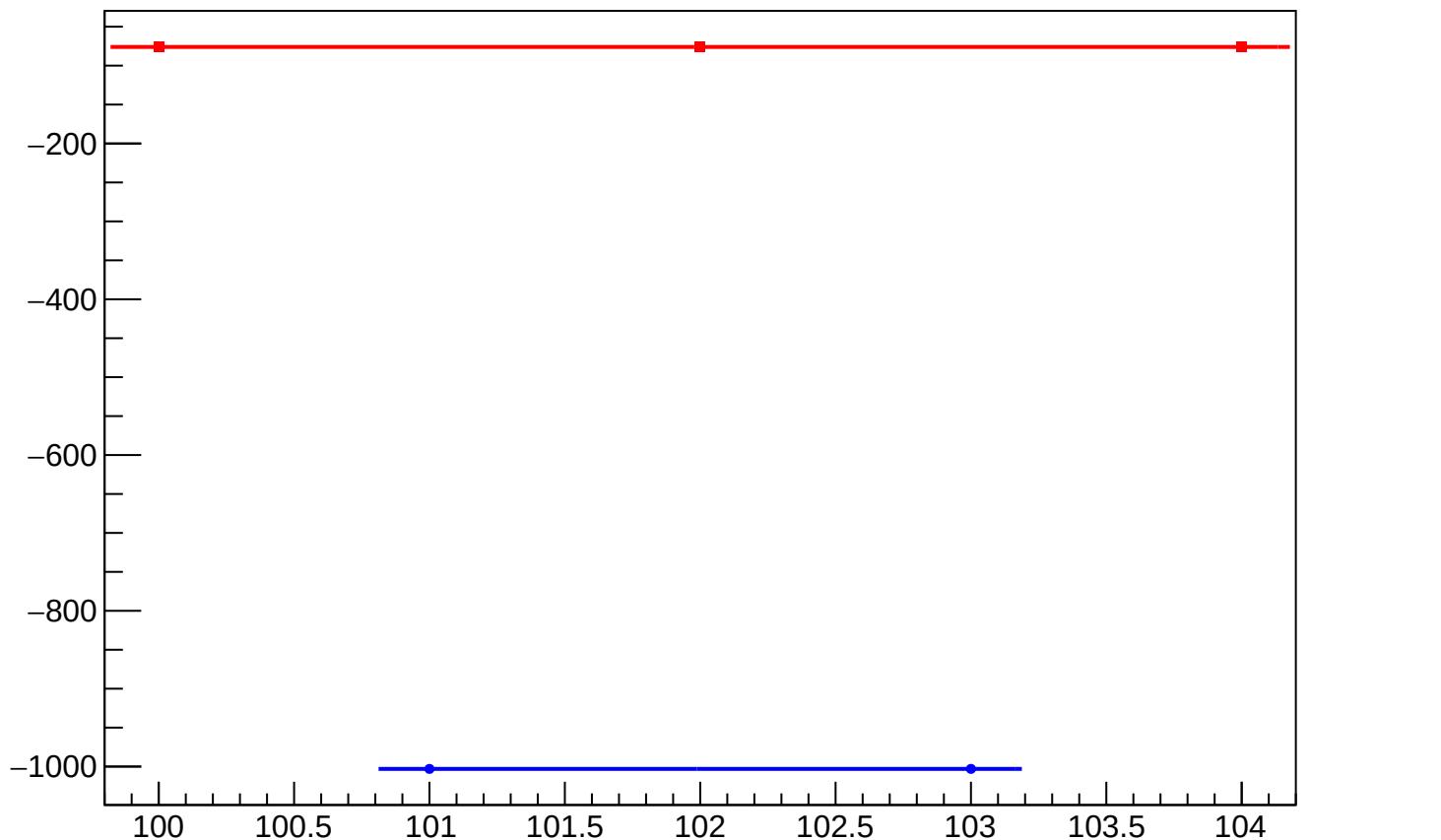
All: -0.166+/-0.000 χ^2/NDF : 6748484378764

RTPAPOSUCNT_mean vs Slug, Sign Corrected



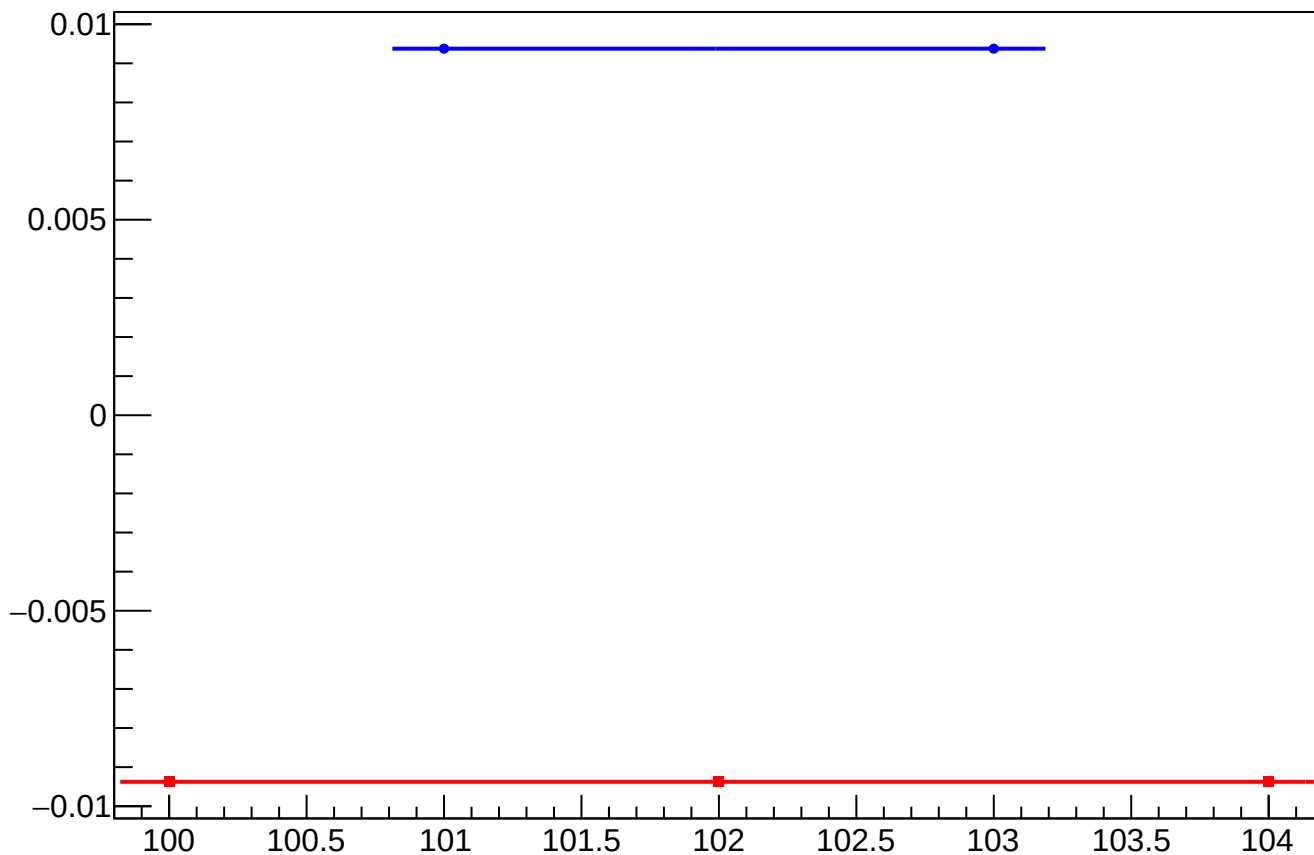
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -120.514+/-0.000 χ^2/NDF : 27238335736692
Right In: 912.994+/-0.000 χ^2/NDF : 1290678205569944677284577280.0/1
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1146.009+/-0.000 χ^2/NDF : 8581998.9/2
In: 912.994+/-0.000 χ^2/NDF : 1290678205569944677284577280.0/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -120.514+/-0.000 χ^2/NDF : 27238335736692

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
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: -537.696+/-0.000 χ^2/NDF : 55208713766670
In: -1002.990+/-0.000 χ^2/NDF : 96455448877982746610237440.0/1
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -537.696+/-0.000 χ^2/NDF : 55208713766

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: 0.0/2

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

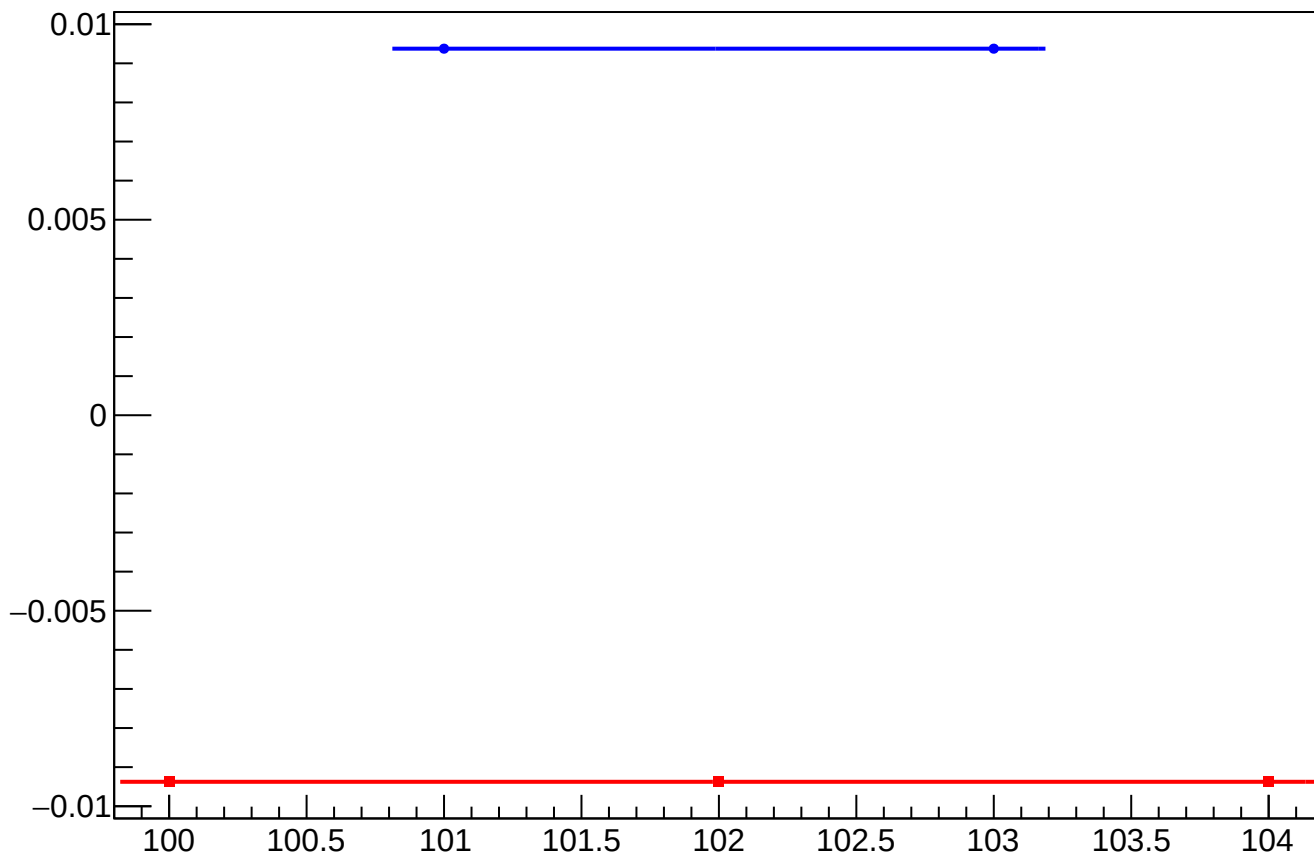
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 2258754863813228

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: -0.000 $\pm$ 0.000 χ^2 /NDF: 2258754863813

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 : 0.0/2

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 2258754863813228

In: 0.009+/-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 : 2258754863813