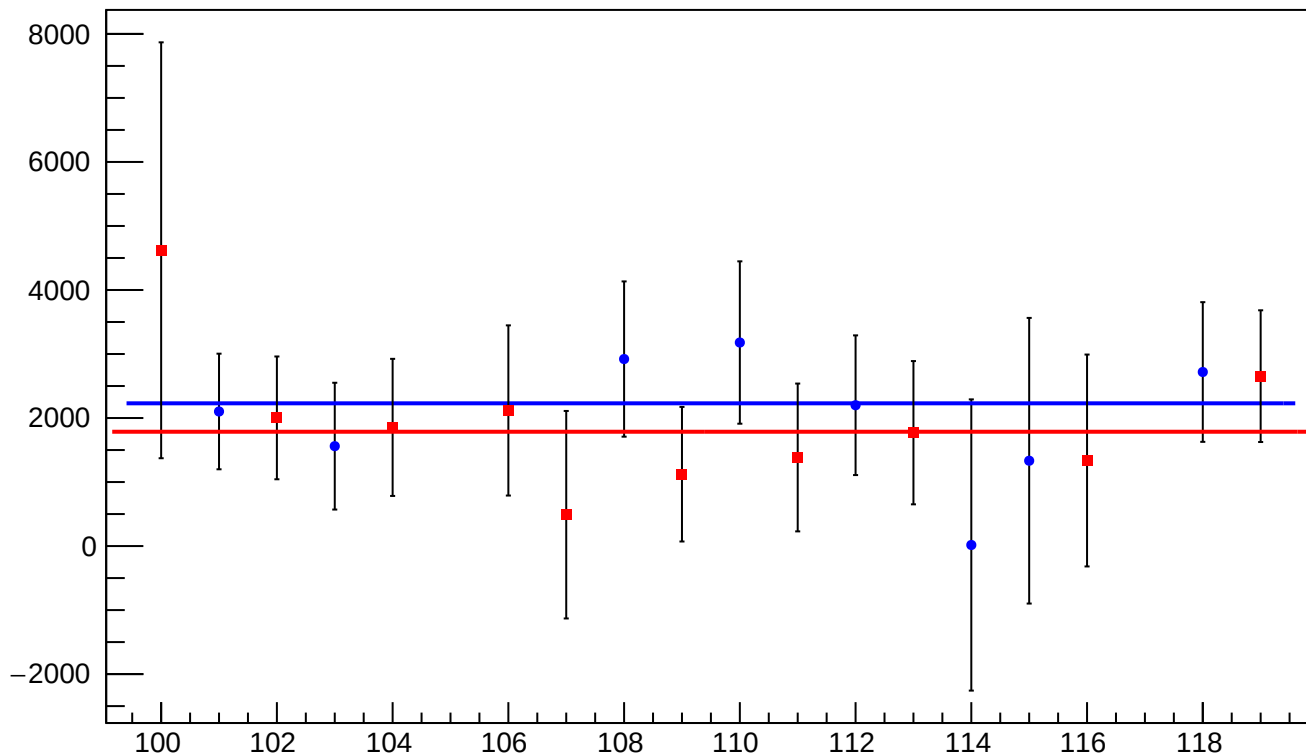


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2229.733+/-421.737

χ^2/NDF : 2.7/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1785.762+/-384.470

χ^2/NDF : 2.8/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1987.269+/-284.125

χ^2/NDF : 6.1/17

In: 2229.733+/-421.737

χ^2/NDF : 2.7/7

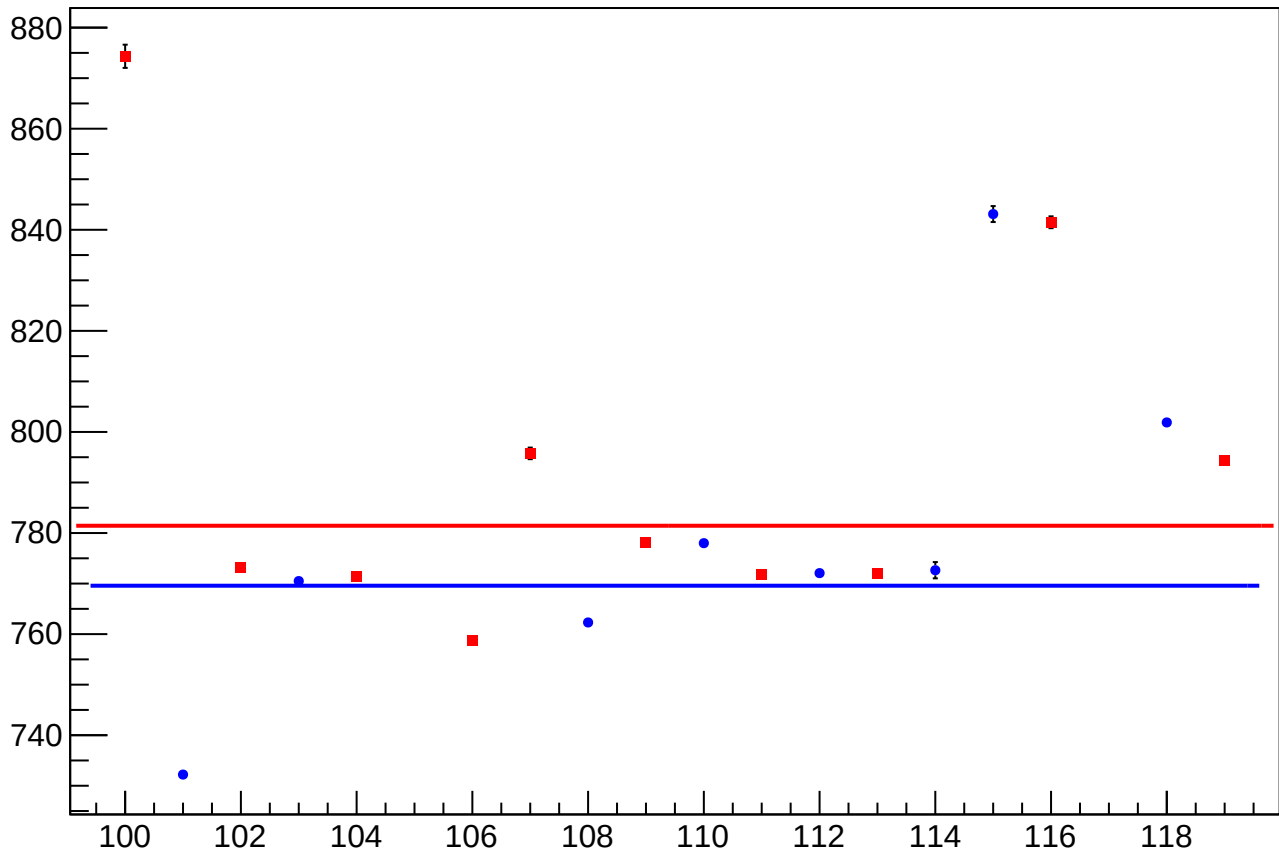
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1987.269+/-284.125

χ^2/NDF : 6.1/17

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

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

Right Out: 781.443+/-0.272 χ^2/NDF : 5940.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

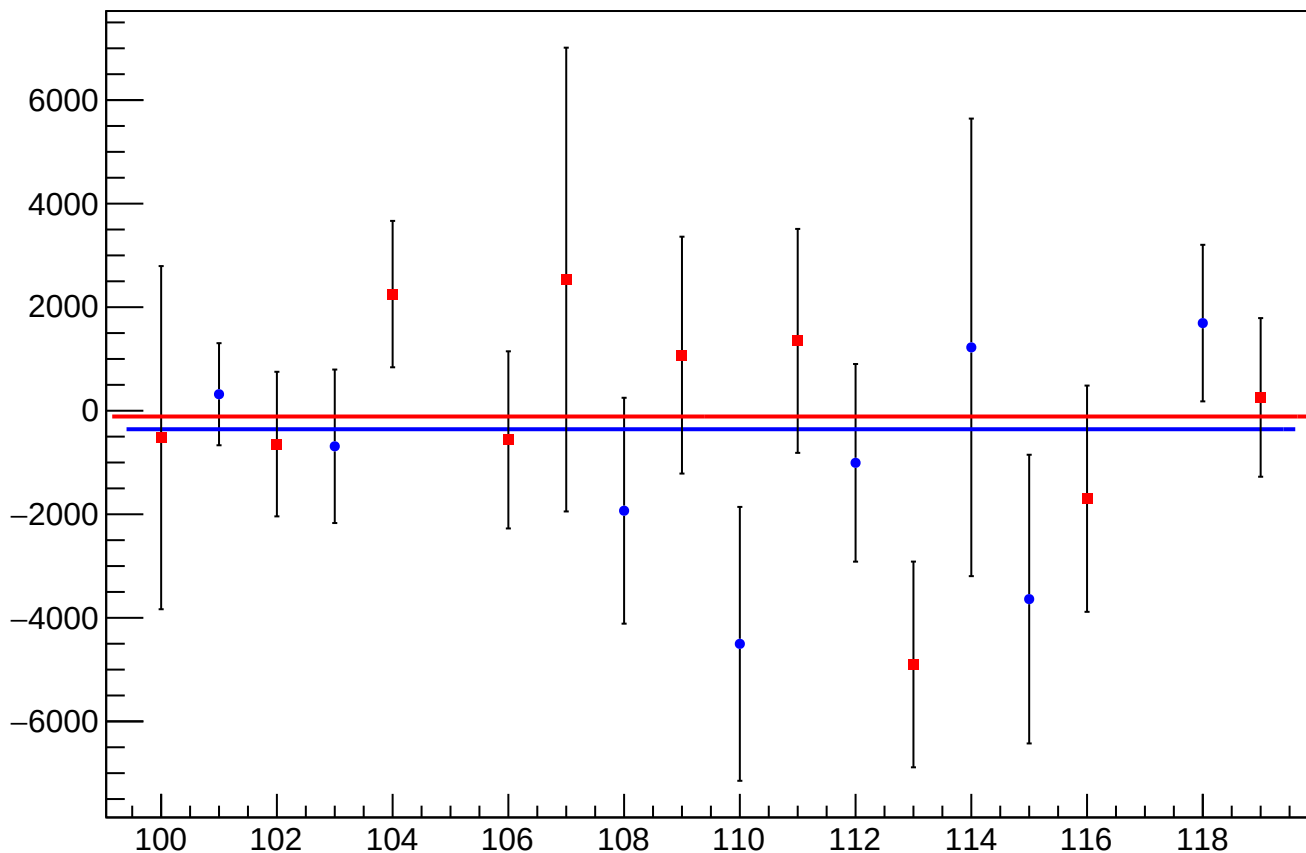
Right: 776.057+/-0.201 χ^2/NDF : 14331.9/17

In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.057+/-0.201 χ^2/NDF : 14331.9/17

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -357.443+/-605.376 χ^2/NDF : 7.0/7

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

Right Out: -111.521+/-598.738 χ^2/NDF : 10.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

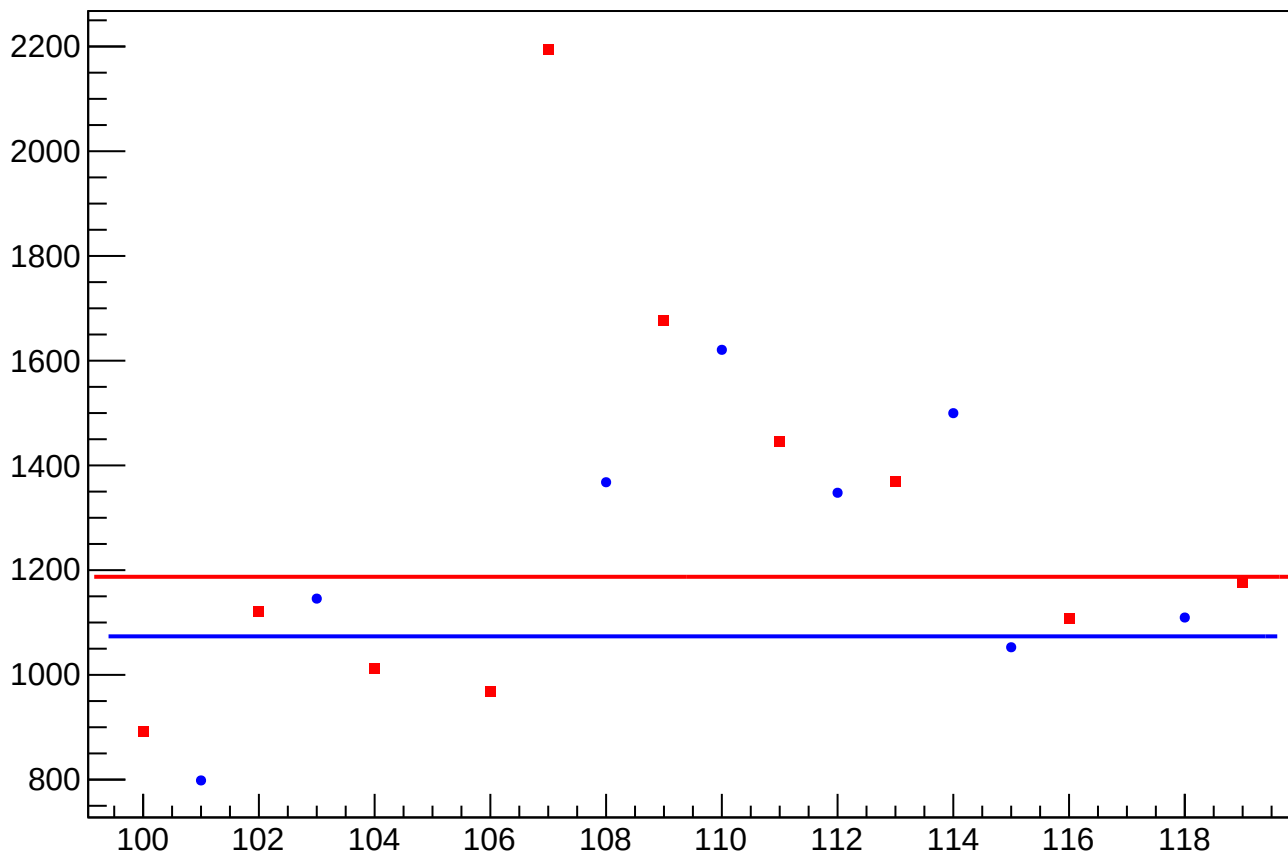
Right: -233.127+/-425.699 χ^2/NDF : 17.5/17

In: -357.443+/-605.376 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.127+/-425.699 χ^2/NDF : 17.5/17

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

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

Right Out: 1187.319+/-0.423 χ^2/NDF : 324711.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

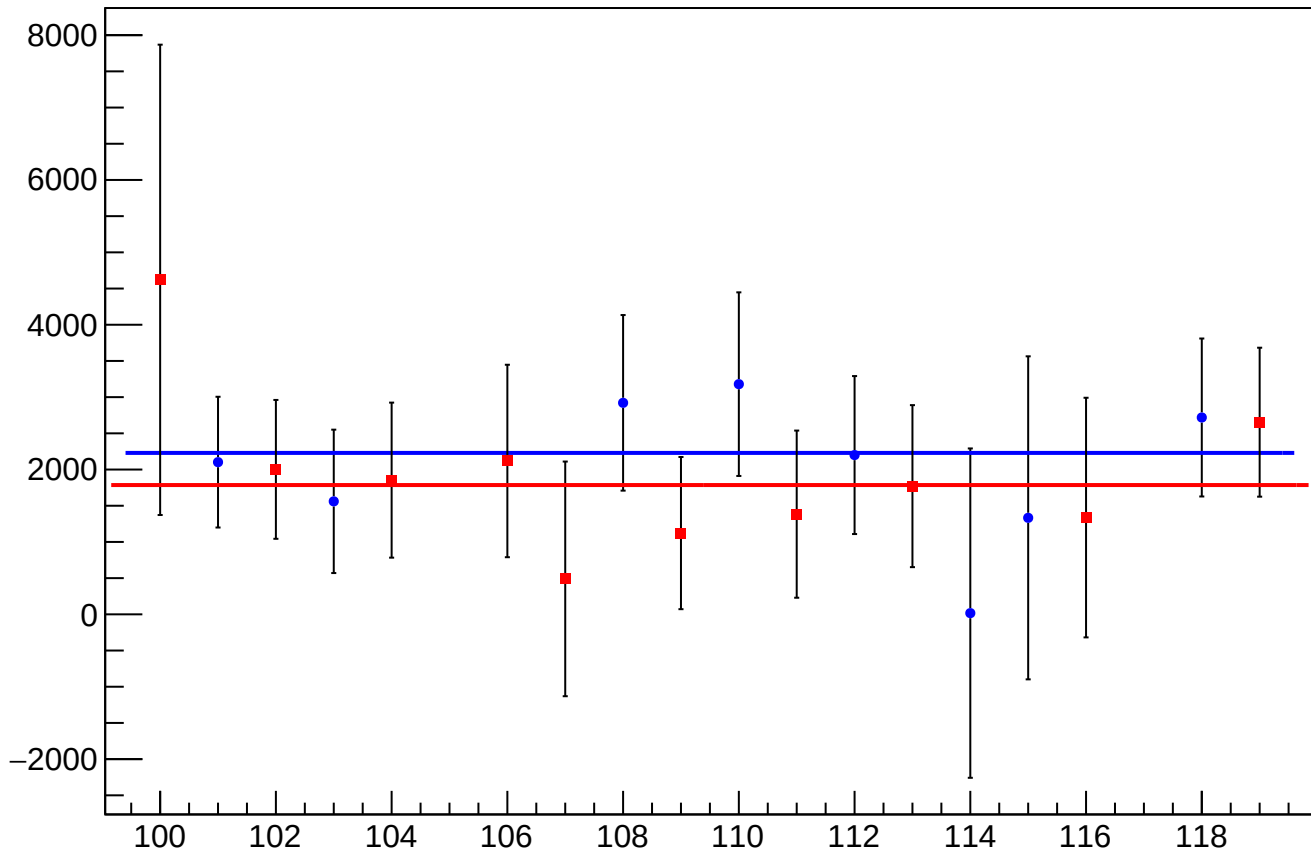
Right: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2229.733+/-421.737 χ^2/NDF : 2.7/7

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

Right Out: 1785.762+/-384.470 χ^2/NDF : 2.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

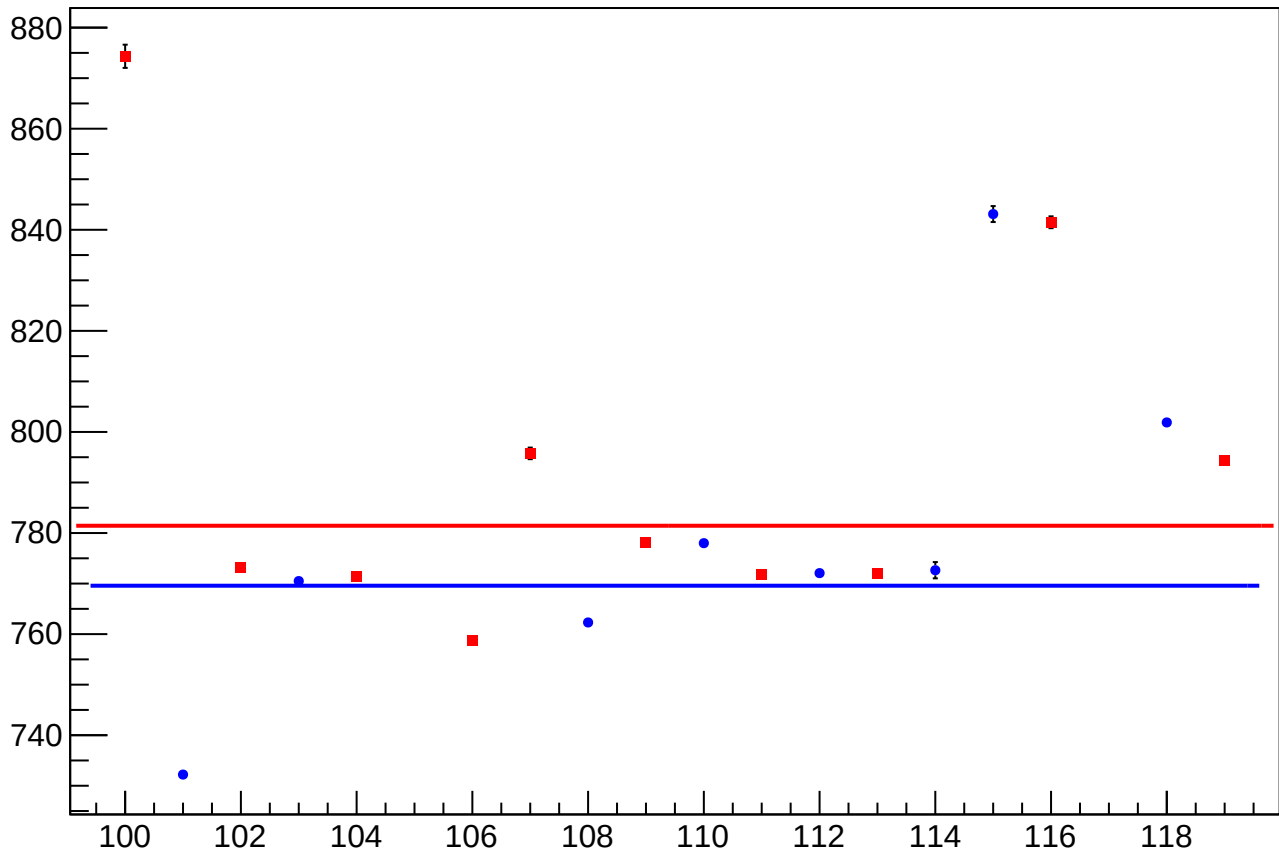
Right: 1987.269+/-284.125 χ^2/NDF : 6.1/17

In: 2229.733+/-421.737 χ^2/NDF : 2.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.269+/-284.125 χ^2/NDF : 6.1/17

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

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

Right Out: 781.443+/-0.272 χ^2/NDF : 5940.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

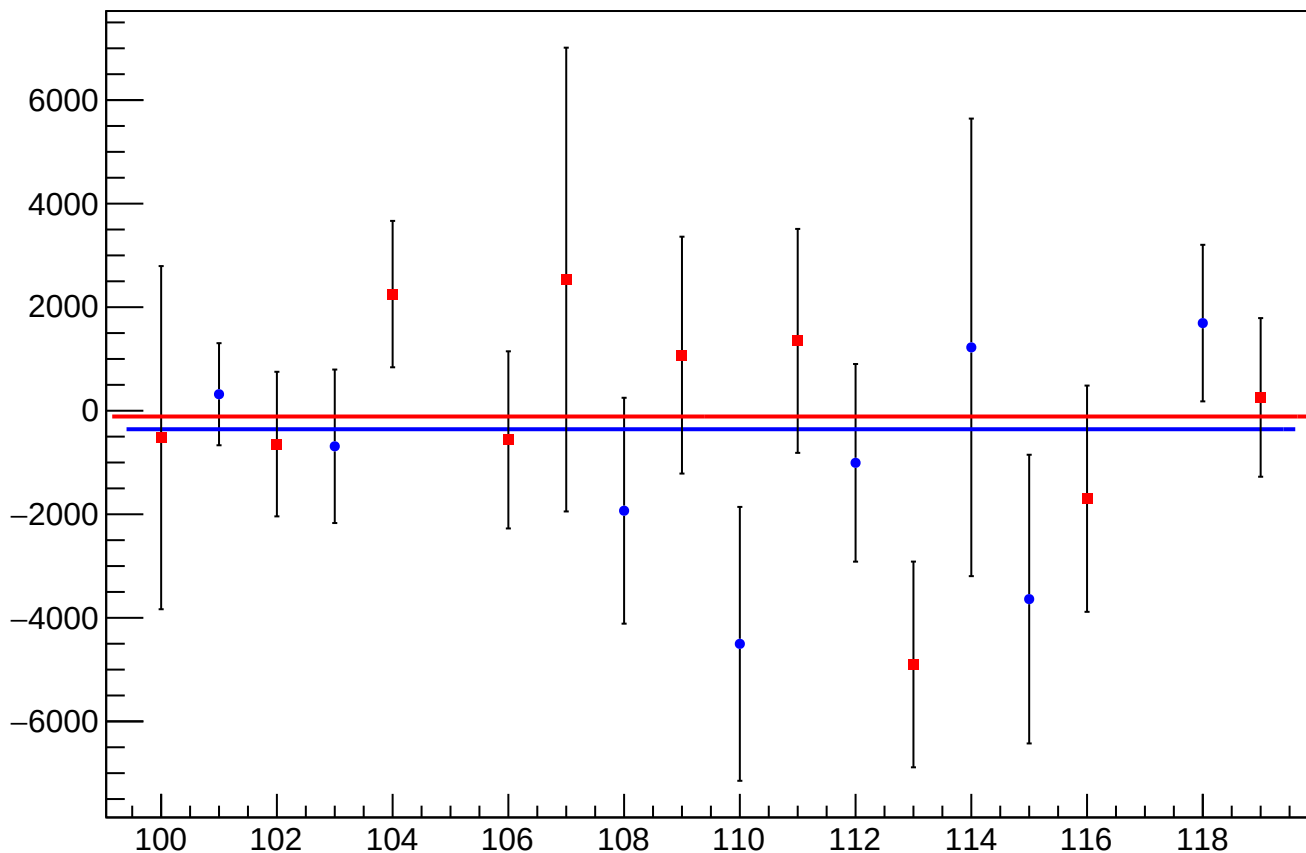
Right: 776.057+/-0.201 χ^2/NDF : 14331.9/17

In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.057+/-0.201 χ^2/NDF : 14331.9/17

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -357.443+/-605.376 χ^2/NDF : 7.0/7

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

Right Out: -111.521+/-598.738 χ^2/NDF : 10.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

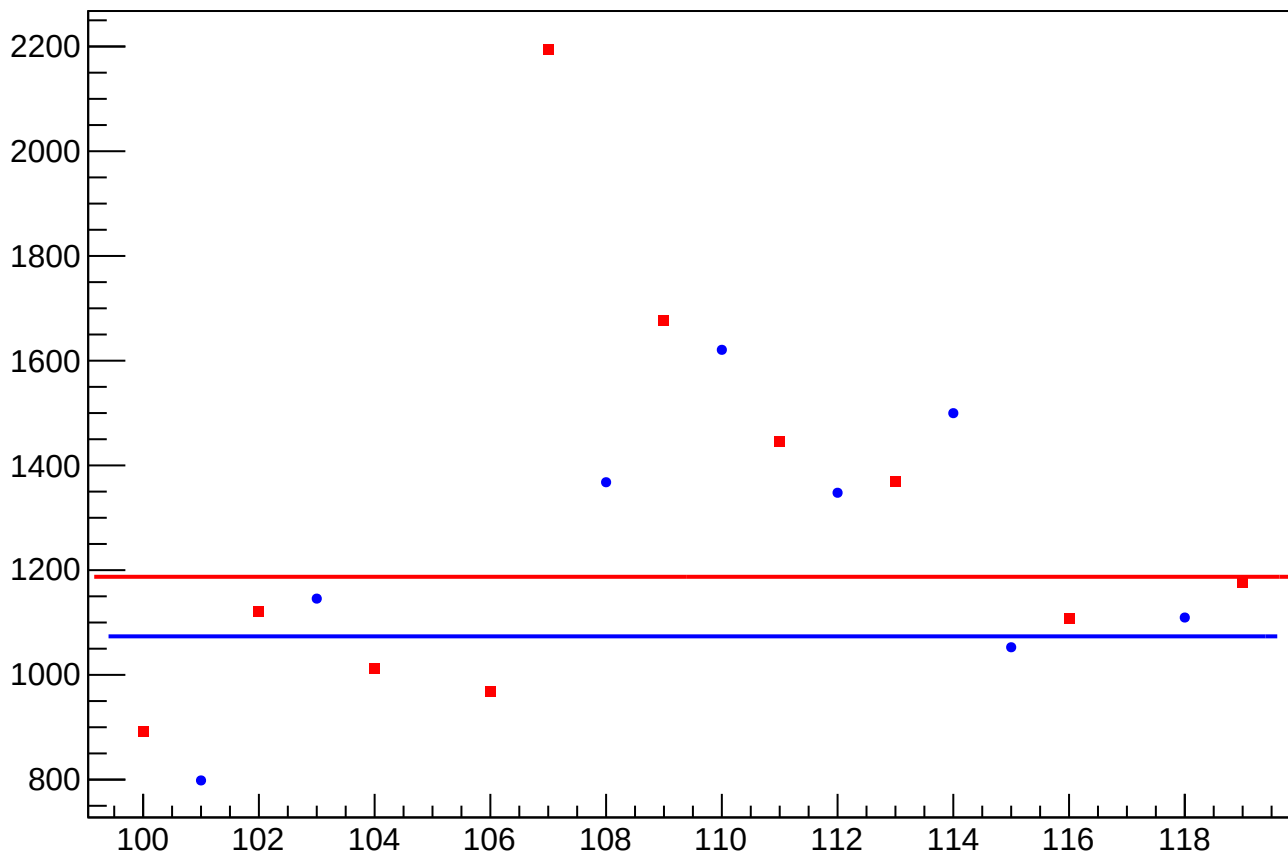
Right: -233.127+/-425.699 χ^2/NDF : 17.5/17

In: -357.443+/-605.376 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.127+/-425.699 χ^2/NDF : 17.5/17

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

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

Right Out: 1187.319+/-0.423 χ^2/NDF : 324711.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

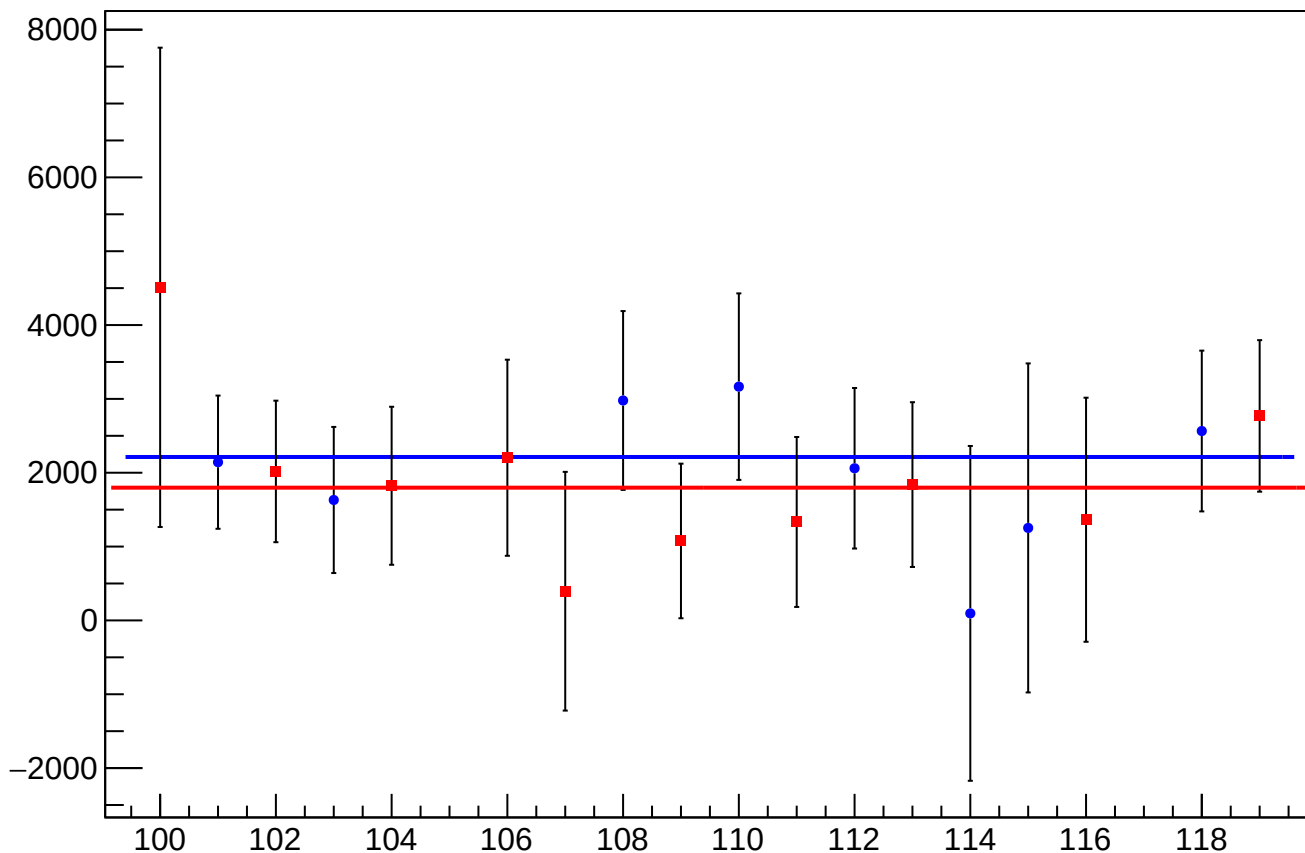
Right: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2213.196+/-420.888 χ^2/NDF : 2.5/7

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

Right Out: 1797.740+/-383.659 χ^2/NDF : 3.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

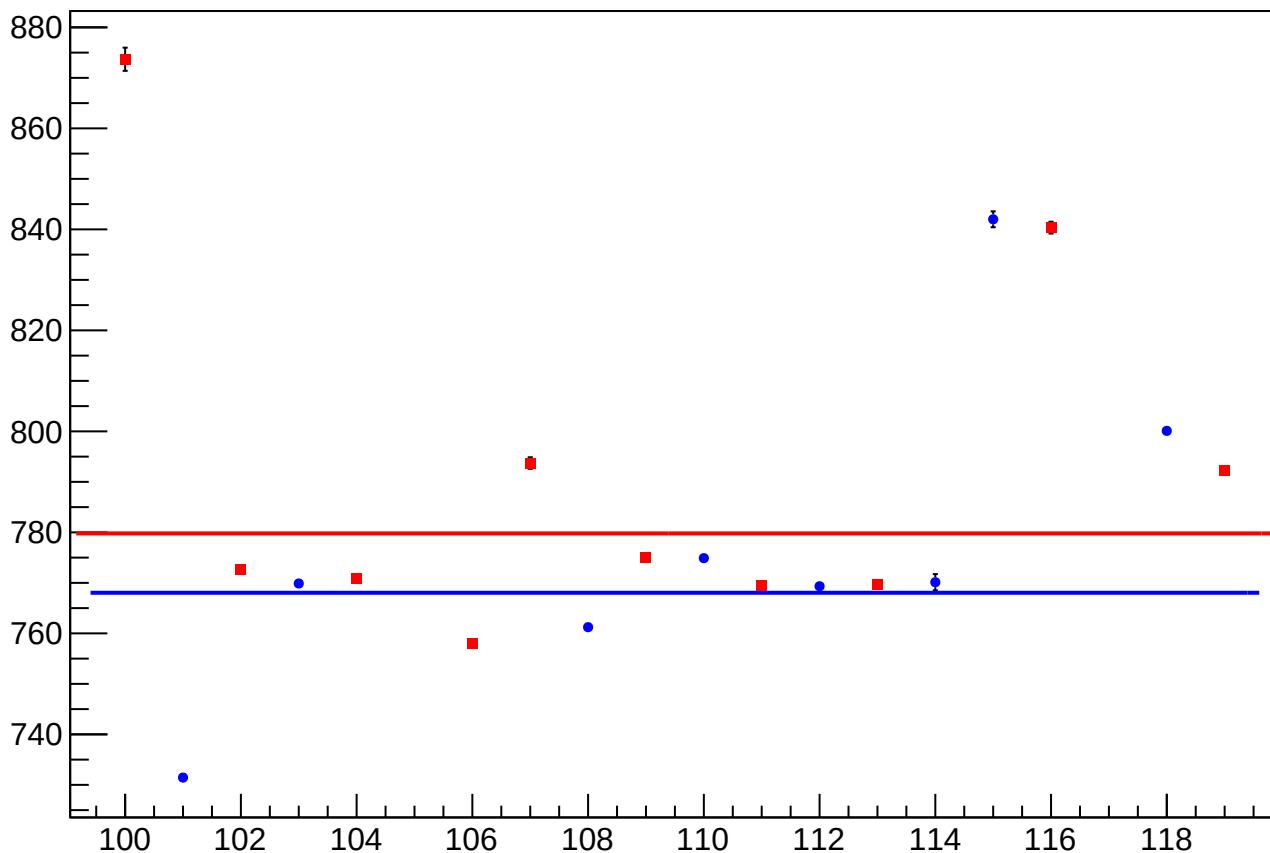
Right: 1986.284+/-283.538 χ^2/NDF : 6.2/17

In: 2213.196+/-420.888 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.284+/-283.538 χ^2/NDF : 6.2/17

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 768.040+/-0.298 χ^2/NDF : 7363.9/7

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

Right Out: 779.794+/-0.271 χ^2/NDF : 5956.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

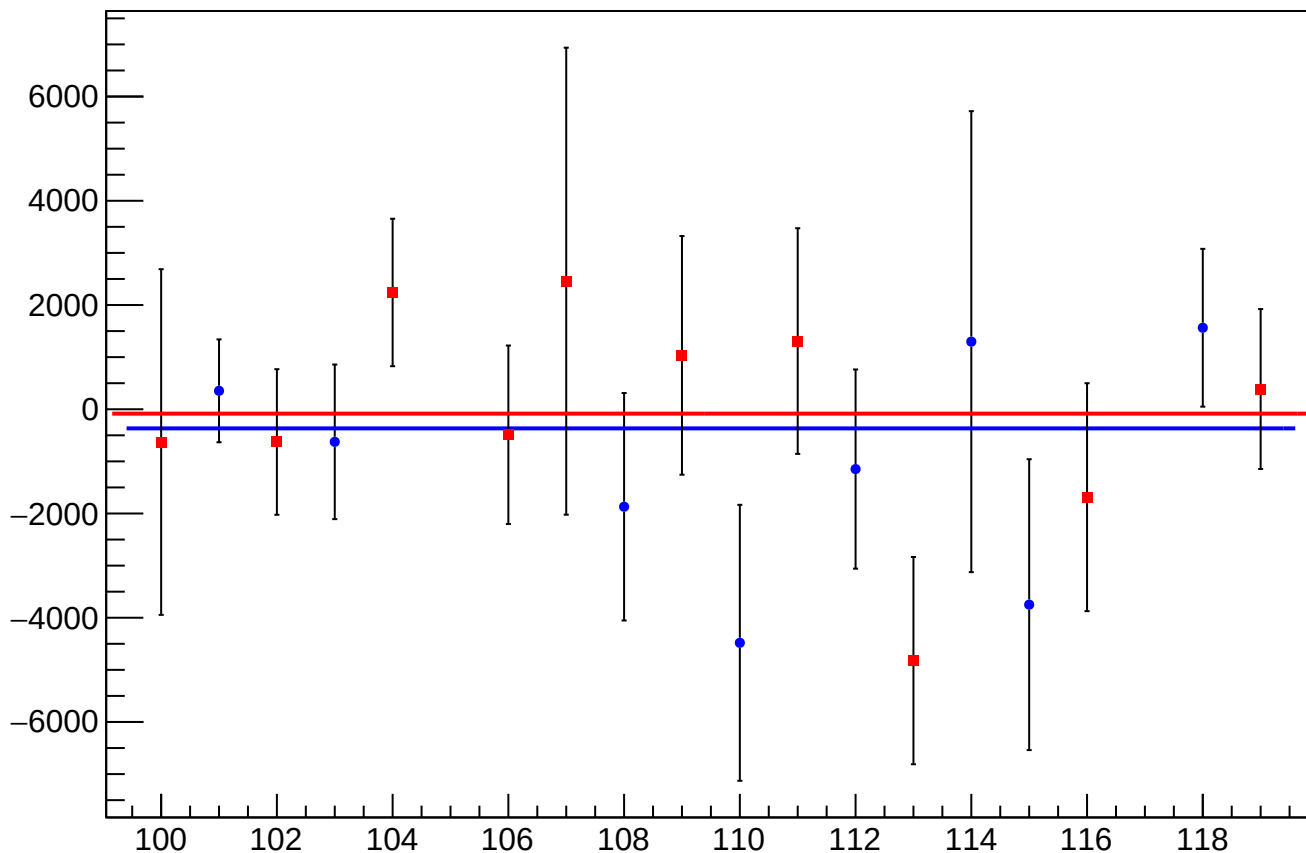
Right: 774.460+/-0.200 χ^2/NDF : 14172.4/17

In: 768.040+/-0.298 χ^2/NDF : 7363.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.460+/-0.200 χ^2/NDF : 14172.4/17

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -367.142+/-605.882 χ^2/NDF : 6.9/7

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

Right Out: -84.035+/-599.152 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

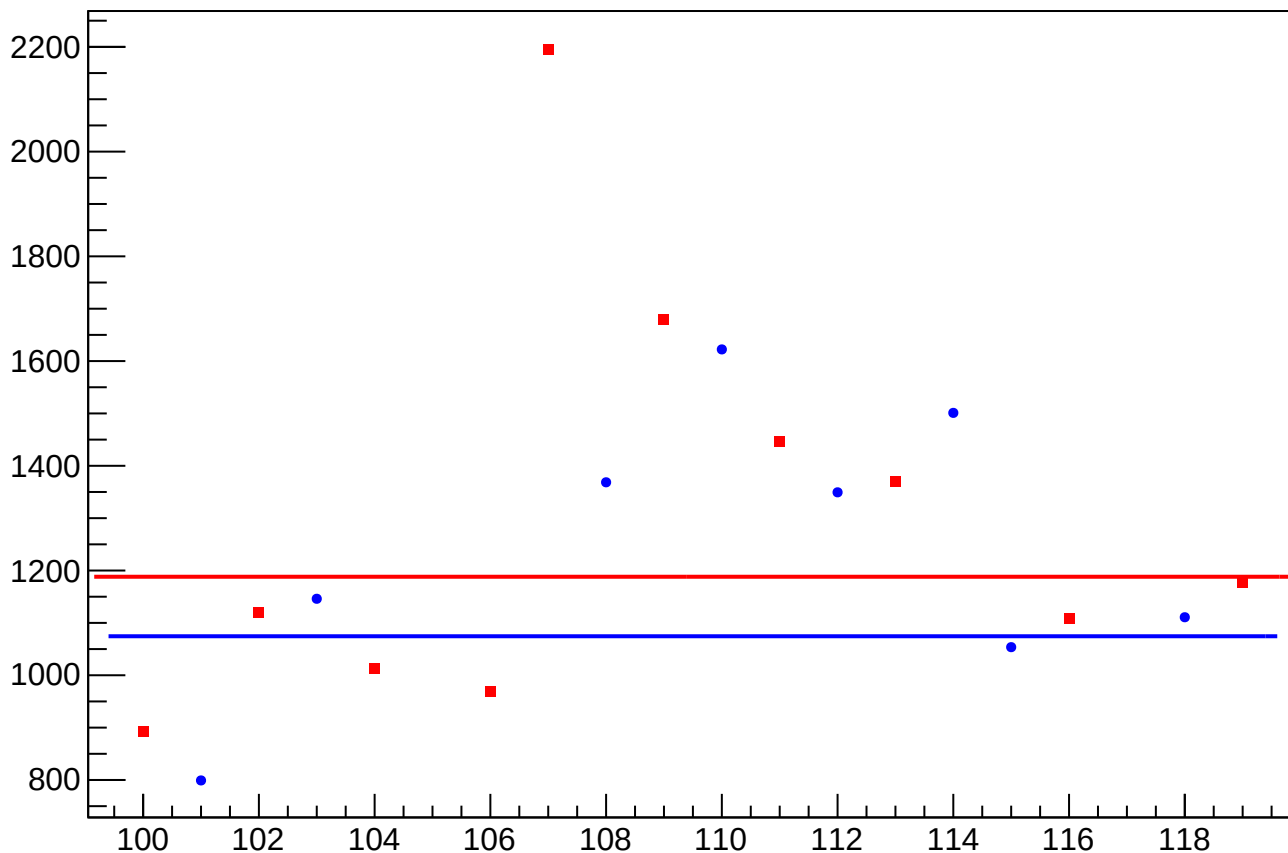
Right: -224.008+/-426.024 χ^2/NDF : 17.2/17

In: -367.142+/-605.882 χ^2/NDF :6.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -224.008+/-426.024 χ^2/NDF : 17.2/17

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1074.480+/-0.428 χ^2/NDF : 343522.7/7

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

Right Out: 1188.129+/-0.424 χ^2/NDF : 324960.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

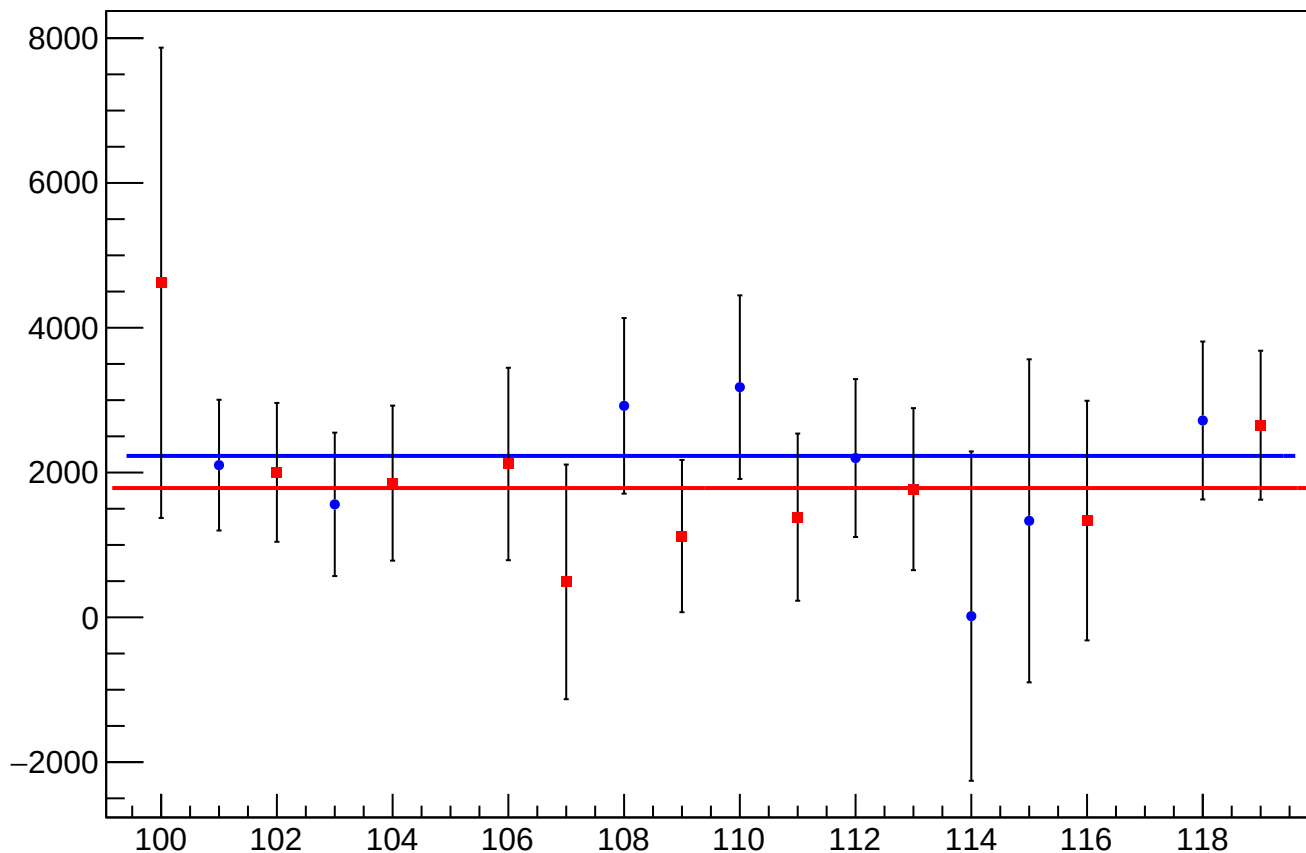
Right: 1131.939+/-0.301 χ^2/NDF : 704060.6/17

In: 1074.480+/-0.428 χ^2/NDF : 343522.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.939+/-0.301 χ^2/NDF : 704060.6/17

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2229.733+/-421.737 χ^2/NDF : 2.7/7

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

Right Out: 1785.762+/-384.470 χ^2/NDF : 2.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

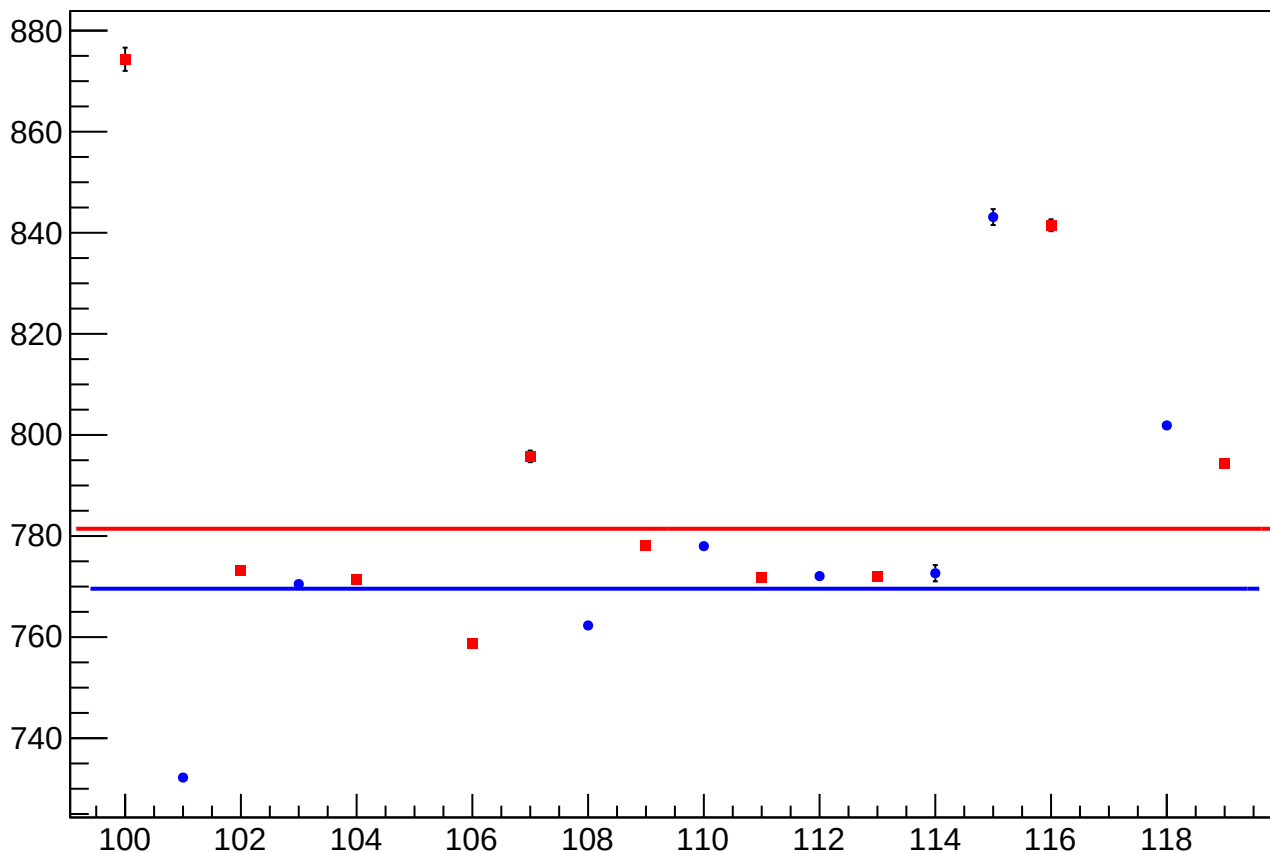
Right: 1987.269+/-284.125 χ^2/NDF : 6.1/17

In: 2229.733+/-421.737 χ^2/NDF : 2.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1987.269+/-284.125 χ^2/NDF : 6.1/17

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

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

Right Out: 781.443+/-0.272 χ^2/NDF : 5940.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

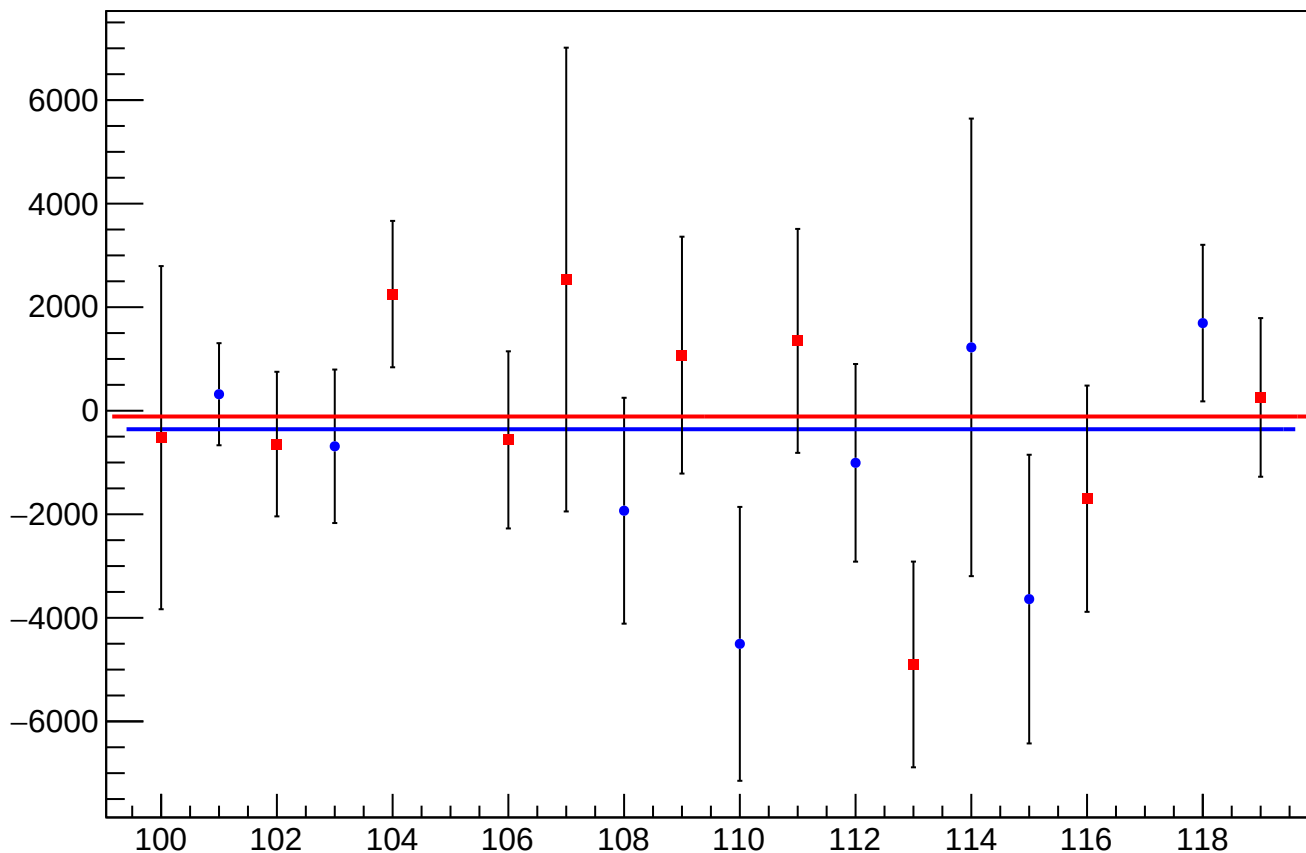
Right: 776.057+/-0.201 χ^2/NDF : 14331.9/17

In: 769.577+/-0.298 χ^2/NDF : 7527.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 776.057+/-0.201 χ^2/NDF : 14331.9/17

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -357.443+/-605.376 χ^2/NDF : 7.0/7

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

Right Out: -111.521+/-598.738 χ^2/NDF : 10.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

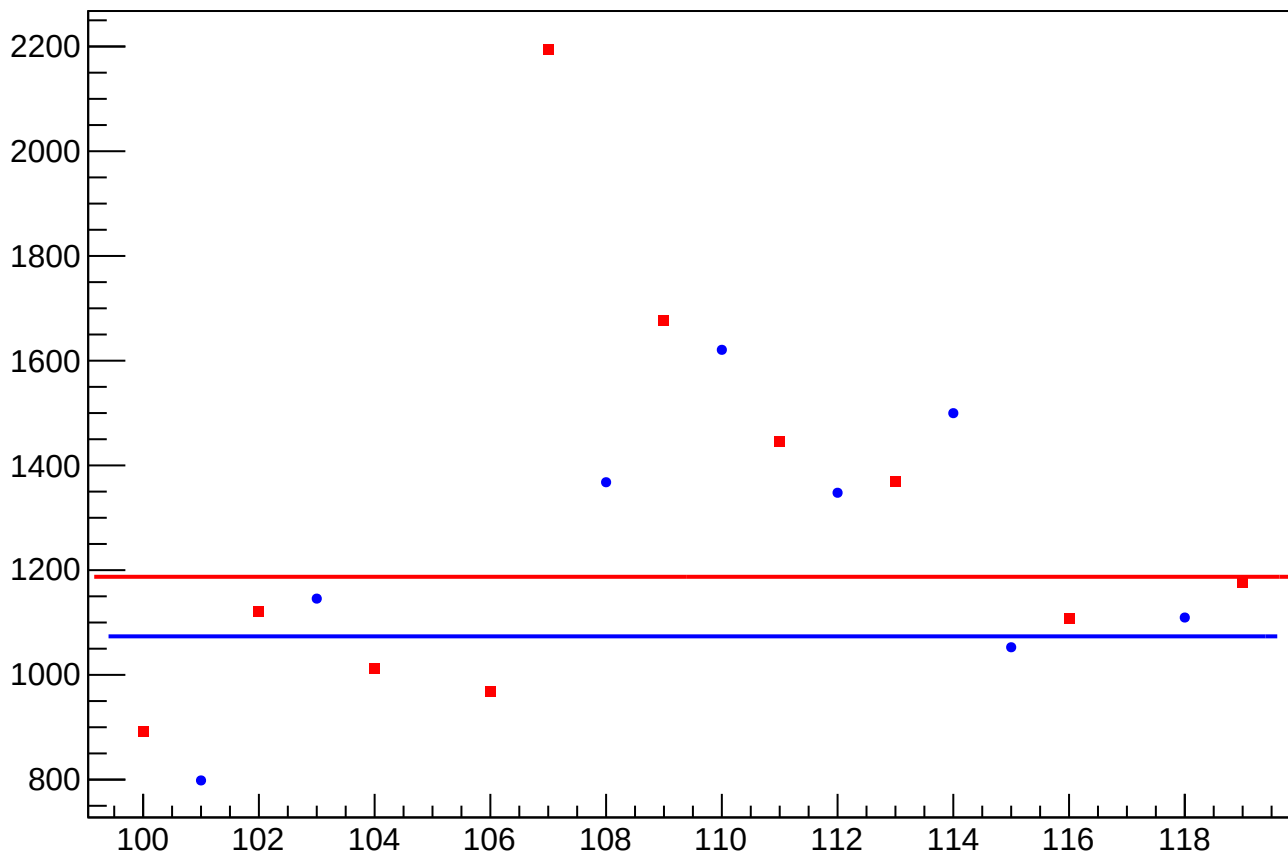
Right: -233.127+/-425.699 χ^2/NDF : 17.5/17

In: -357.443+/-605.376 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.127+/-425.699 χ^2/NDF : 17.5/17

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

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

Right Out: 1187.319+/-0.423 χ^2/NDF : 324711.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

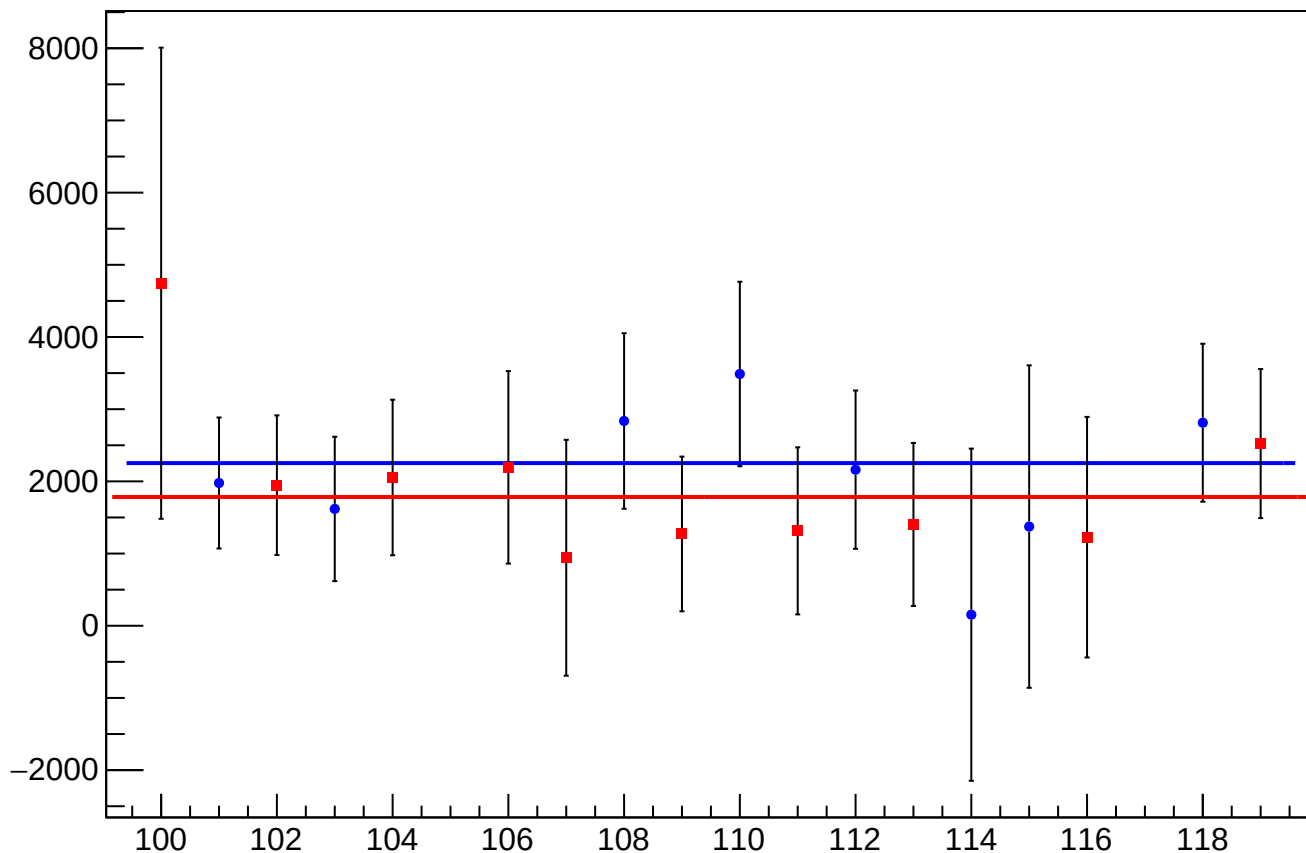
Right: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

In: 1073.572+/-0.428 χ^2/NDF : 343603.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.073+/-0.301 χ^2/NDF : 704008.6/17

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2253.203+/-424.083 χ^2/NDF : 2.9/7

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

Right Out: 1783.754+/-387.448 χ^2/NDF : 2.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

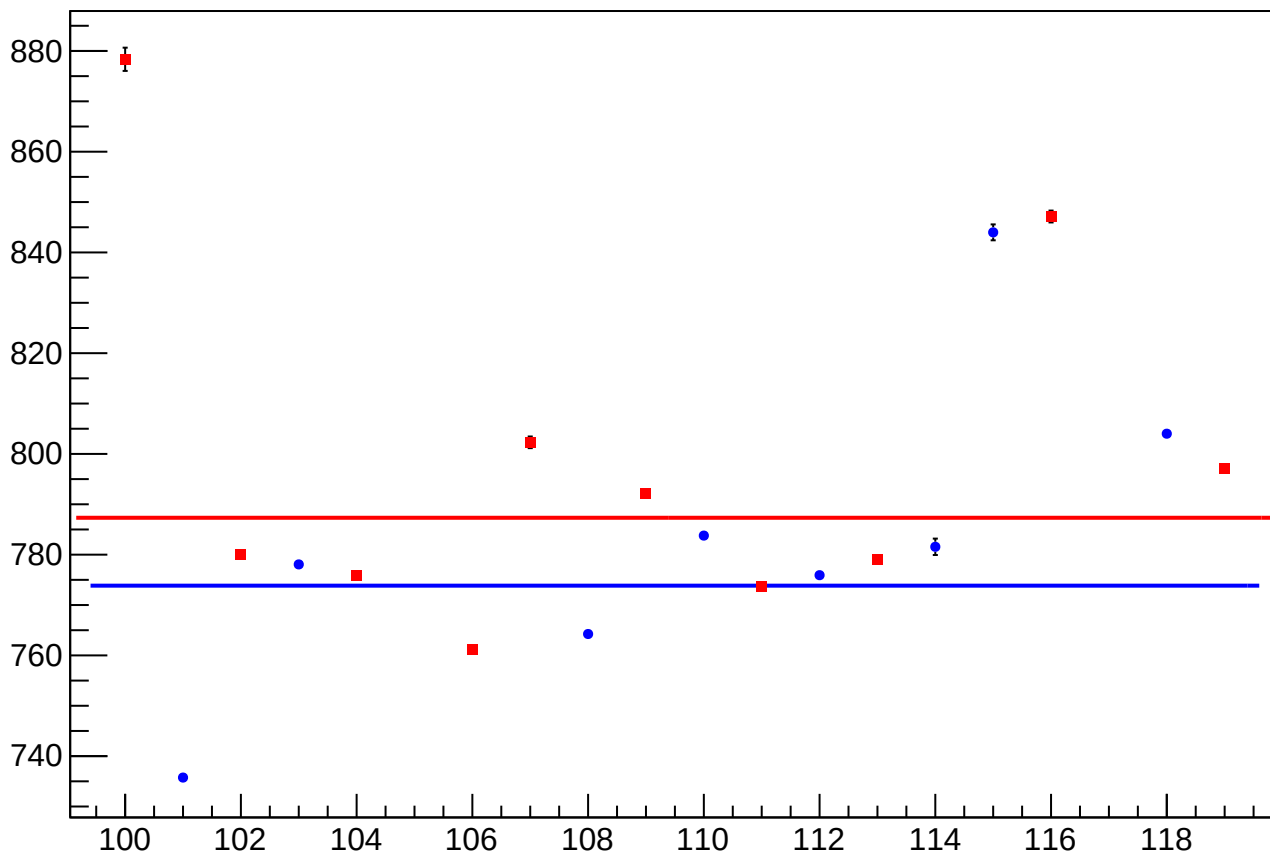
Right: 1997.329+/-286.043 χ^2/NDF : 6.0/17

In: 2253.203+/-424.083 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.329+/-286.043 χ^2/NDF : 6.0/17

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.845 $\pm$ 0.300 χ^2 /NDF: 7331.2/7

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

Right Out: 787.325 $\pm$ 0.274 χ^2 /NDF: 6012.6/9

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

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

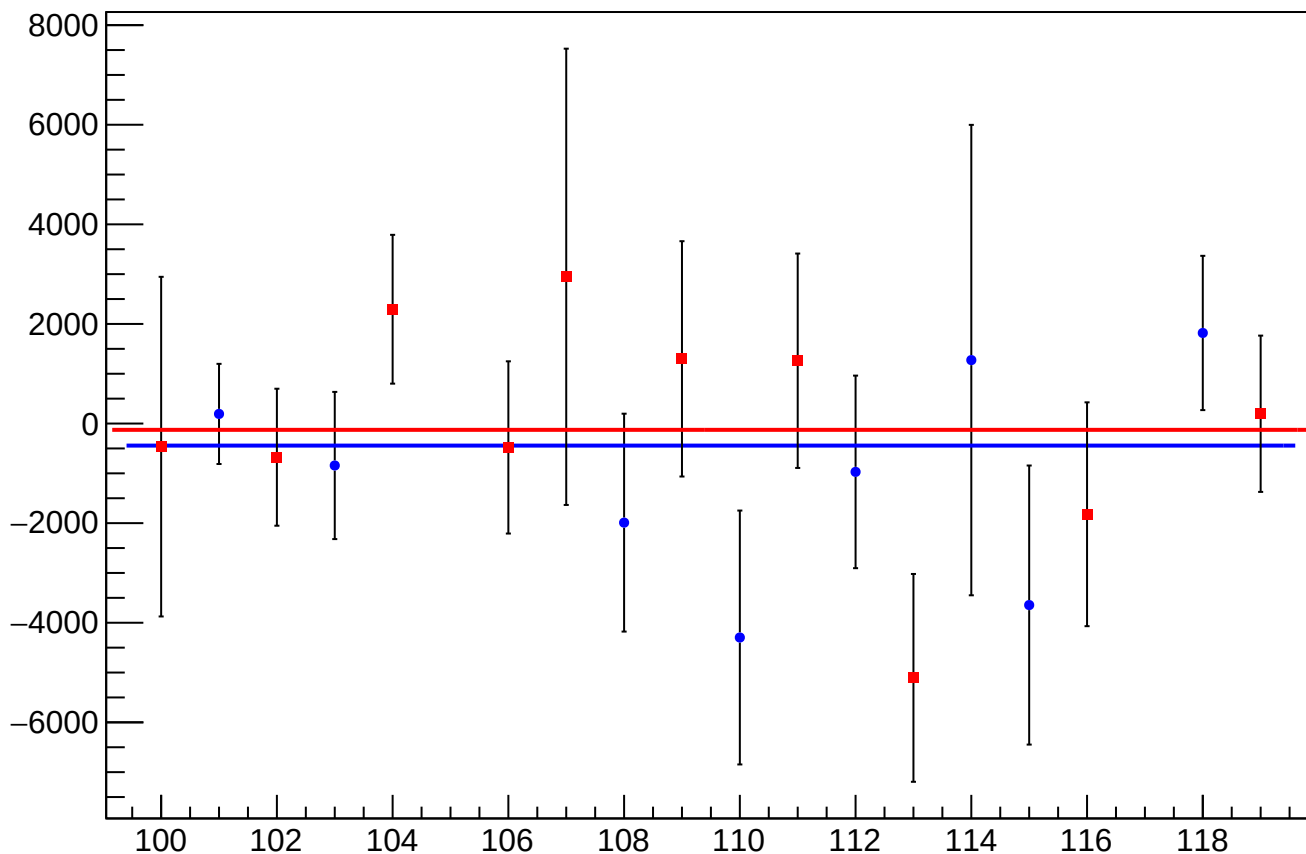
Right: 781.192 $\pm$ 0.202 χ^2 /NDF: 14445.2/17

In: 773.845 $\pm$ 0.300 χ^2 /NDF:7331.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 781.192 $\pm$ 0.202 χ^2 /NDF: 14445.2/17

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -442.755+/-612.405 χ^2/NDF : 6.9/7

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

Right Out: -126.500+/-611.593 χ^2/NDF : 10.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

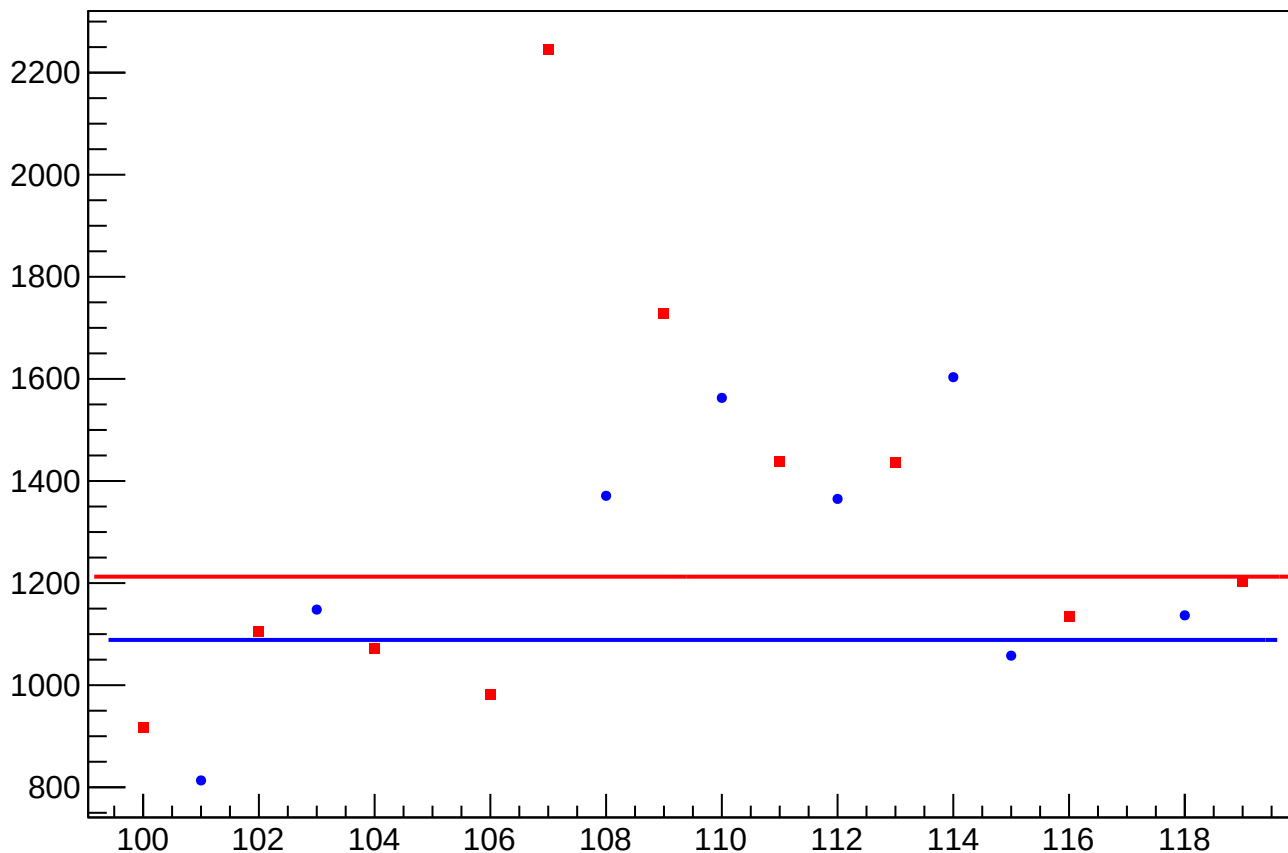
Right: -284.417+/-432.749 χ^2/NDF : 17.4/17

In: -442.755+/-612.405 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.417+/-432.749 χ^2/NDF : 17.4/17

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1088.684+/-0.433 χ^2/NDF : 322401.0/7

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

Right Out: 1212.601+/-0.432 χ^2/NDF : 324967.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

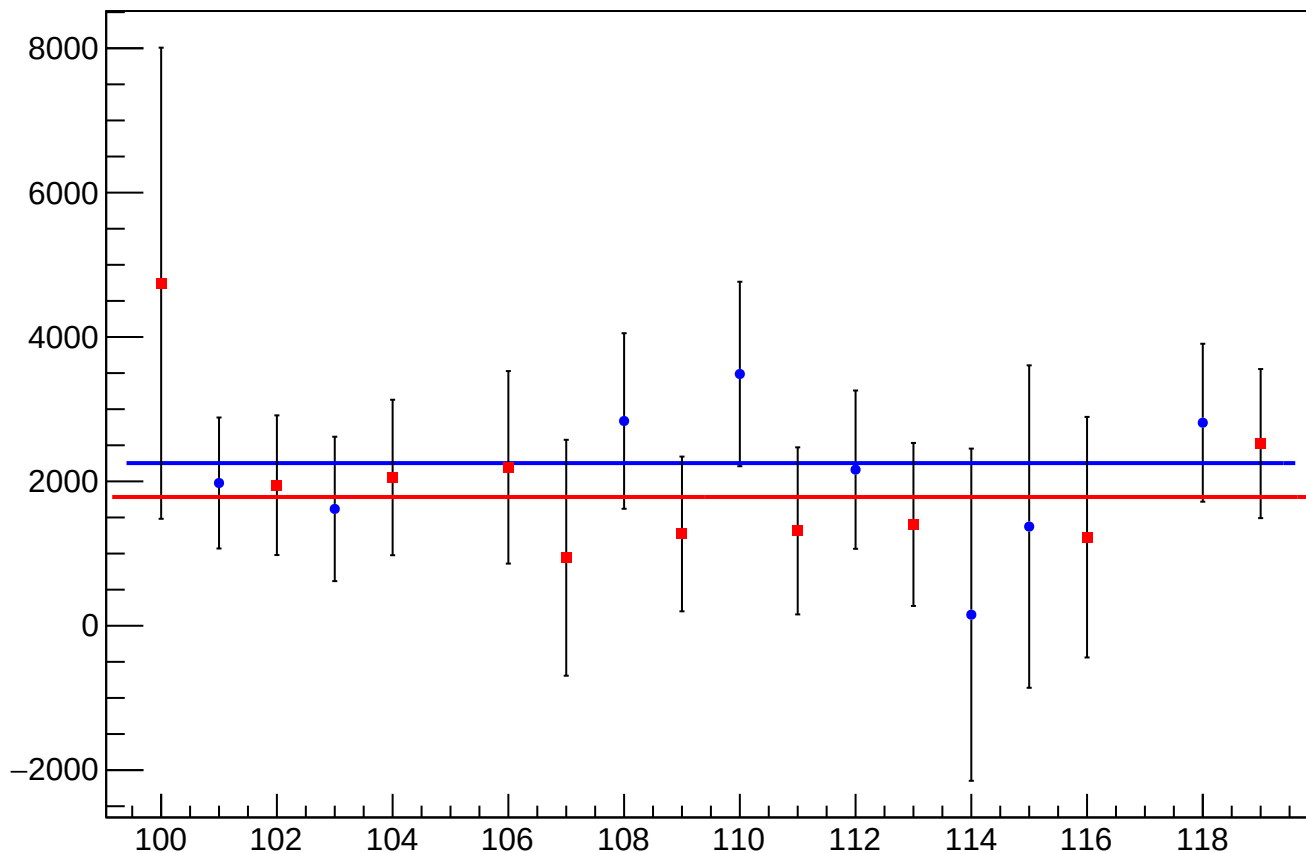
Right: 1150.725+/-0.306 χ^2/NDF : 688367.0/17

In: 1088.684+/-0.433 χ^2/NDF : 322401.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.725+/-0.306 χ^2/NDF : 688367.0/17

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2253.205+/-424.083 χ^2/NDF : 2.9/7

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

Right Out: 1783.753+/-387.448 χ^2/NDF : 2.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

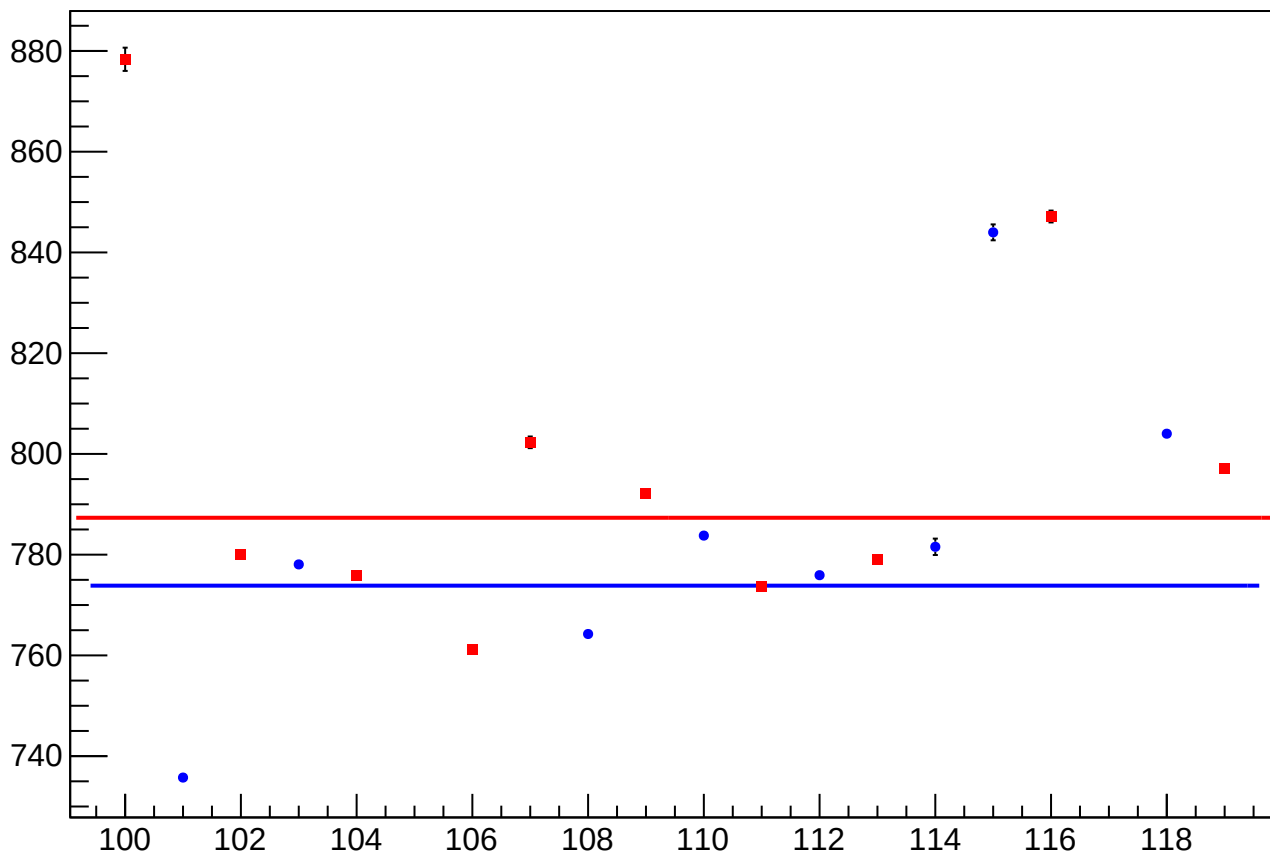
Right: 1997.330+/-286.043 χ^2/NDF : 6.0/17

In: 2253.205+/-424.083 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1997.330+/-286.043 χ^2/NDF : 6.0/17

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 773.845+/-0.300 χ^2/NDF : 7331.2/7

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

Right Out: 787.325+/-0.274 χ^2/NDF : 6012.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

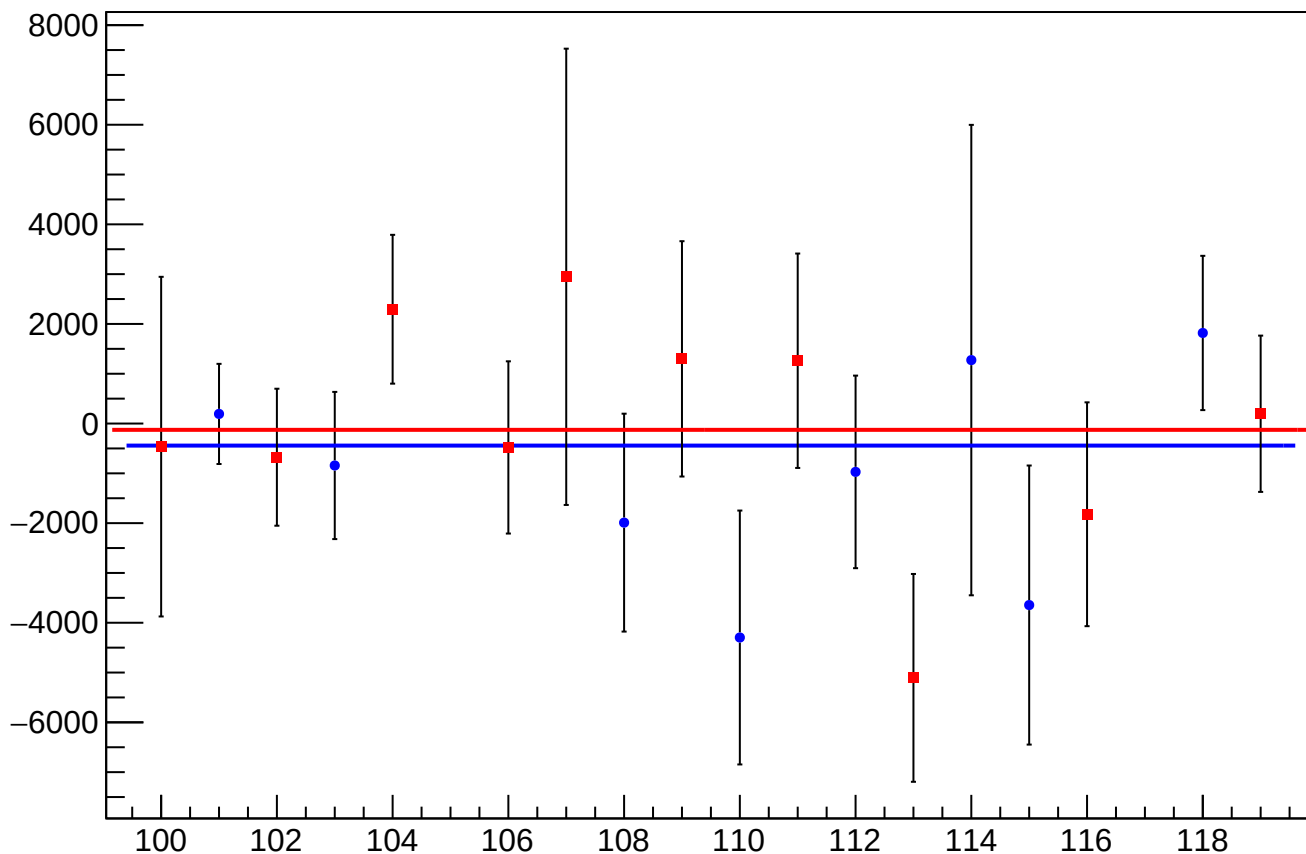
Right: 781.192+/-0.202 χ^2/NDF : 14445.1/17

In: 773.845+/-0.300 χ^2/NDF : 7331.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.192+/-0.202 χ^2/NDF : 14445.1/17

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -442.753+/-612.404 χ^2/NDF : 6.9/7

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

Right Out: -126.499+/-611.591 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

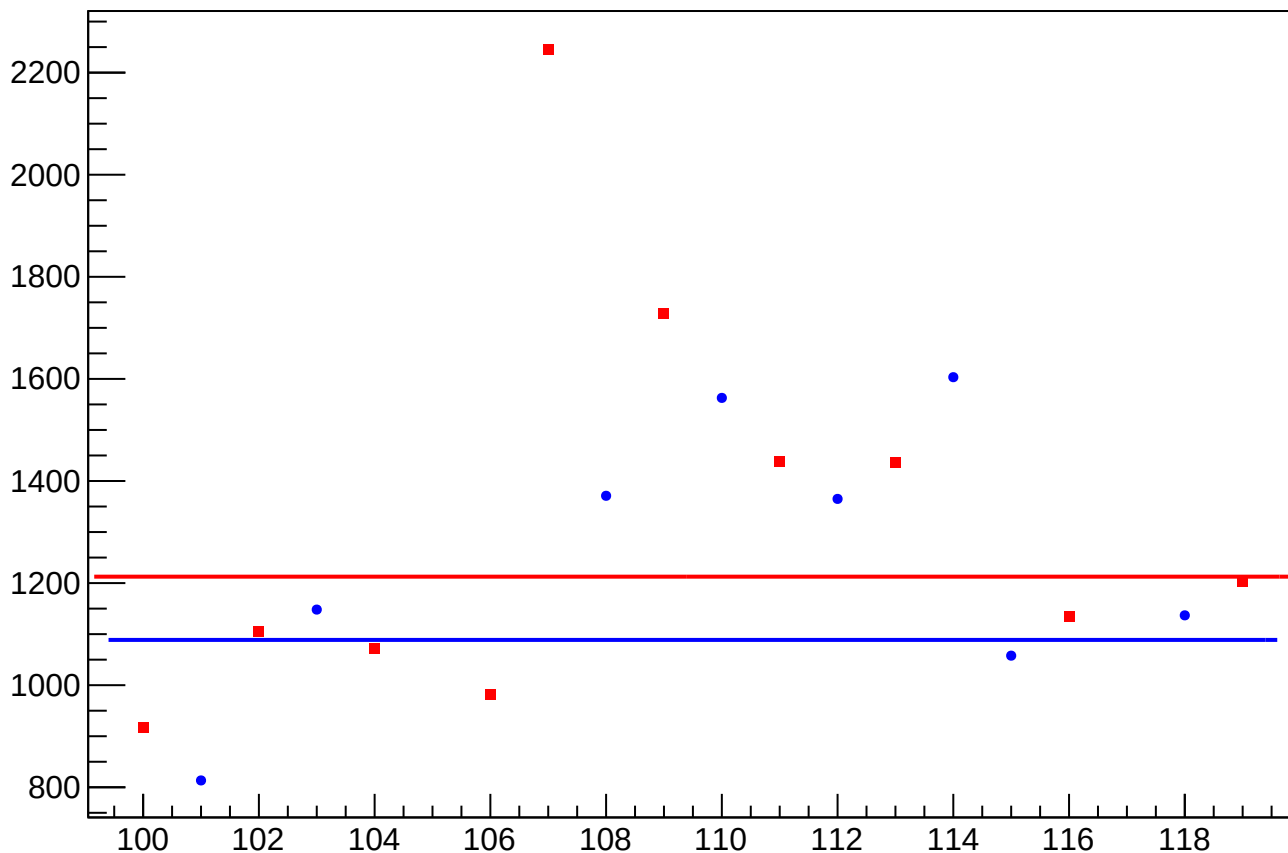
Right: -284.416+/-432.747 χ^2/NDF : 17.4/17

In: -442.753+/-612.404 χ^2/NDF :6.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -284.416+/-432.747 χ^2/NDF : 17.4/17

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1088.681+/-0.433 χ^2/NDF : 322399.0/7

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

Right Out: 1212.598+/-0.432 χ^2/NDF : 324965.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

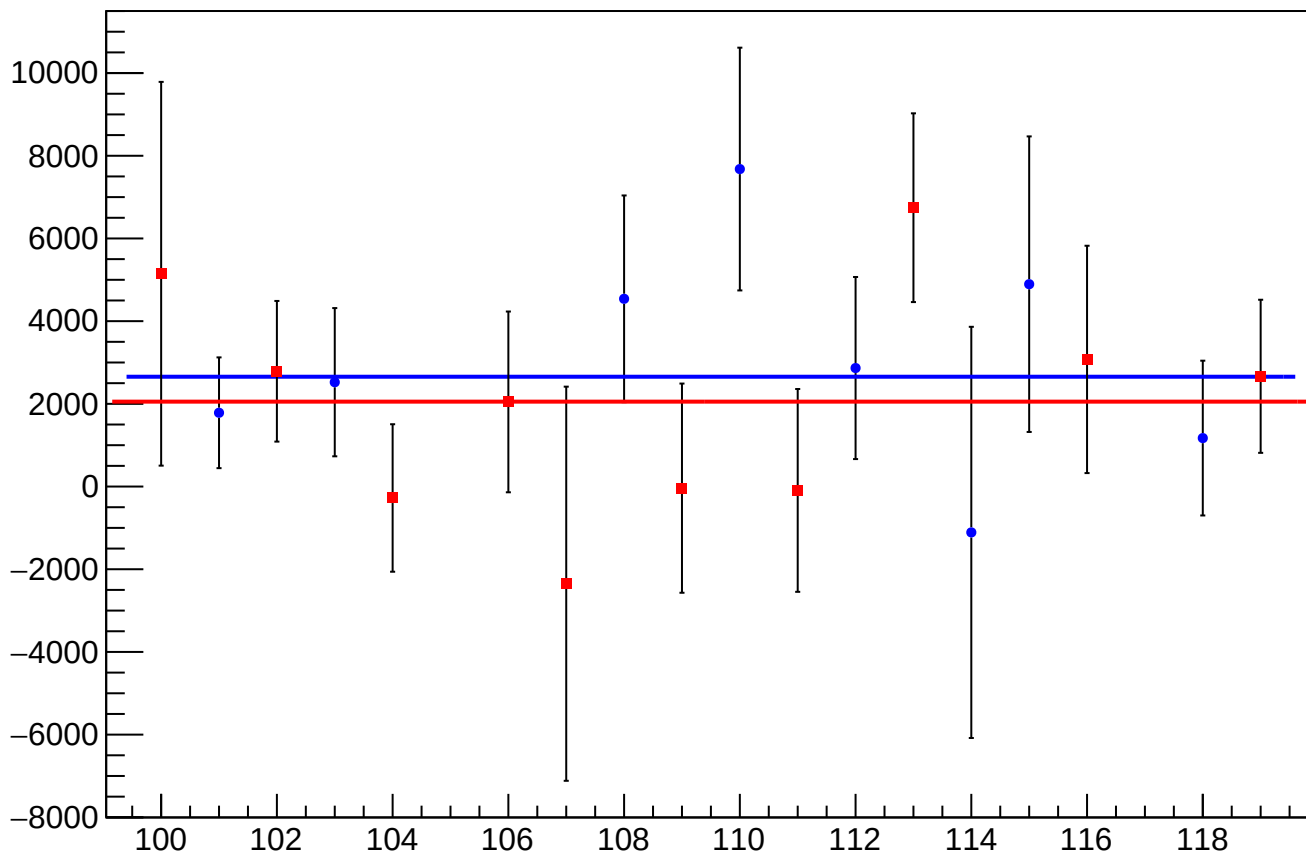
Right: 1150.722+/-0.306 χ^2/NDF : 688362.9/17

In: 1088.681+/-0.433 χ^2/NDF : 322399.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1150.722+/-0.306 χ^2/NDF : 688362.9/17

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2655.939+/-754.800 χ^2/NDF : 5.5/7

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

Right Out: 2053.457+/-725.822 χ^2/NDF : 9.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

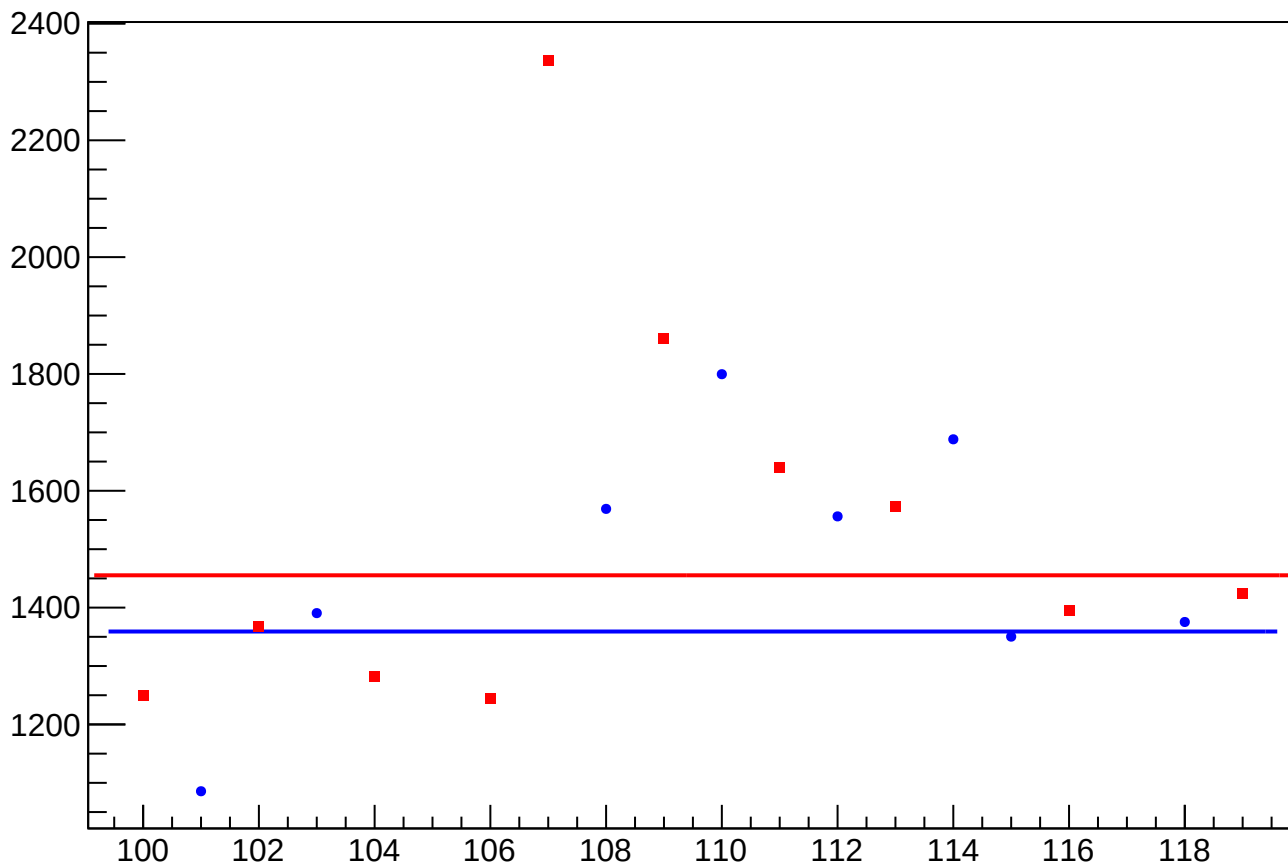
Right: 2342.911+/-523.178 χ^2/NDF : 15.0/17

In: 2655.939+/-754.800 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2342.911+/-523.178 χ^2/NDF : 15.0/17

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1359.075+/-0.534 χ^2/NDF : 168087.3/7

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

Right Out: 1455.317+/-0.513 χ^2/NDF : 184501.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

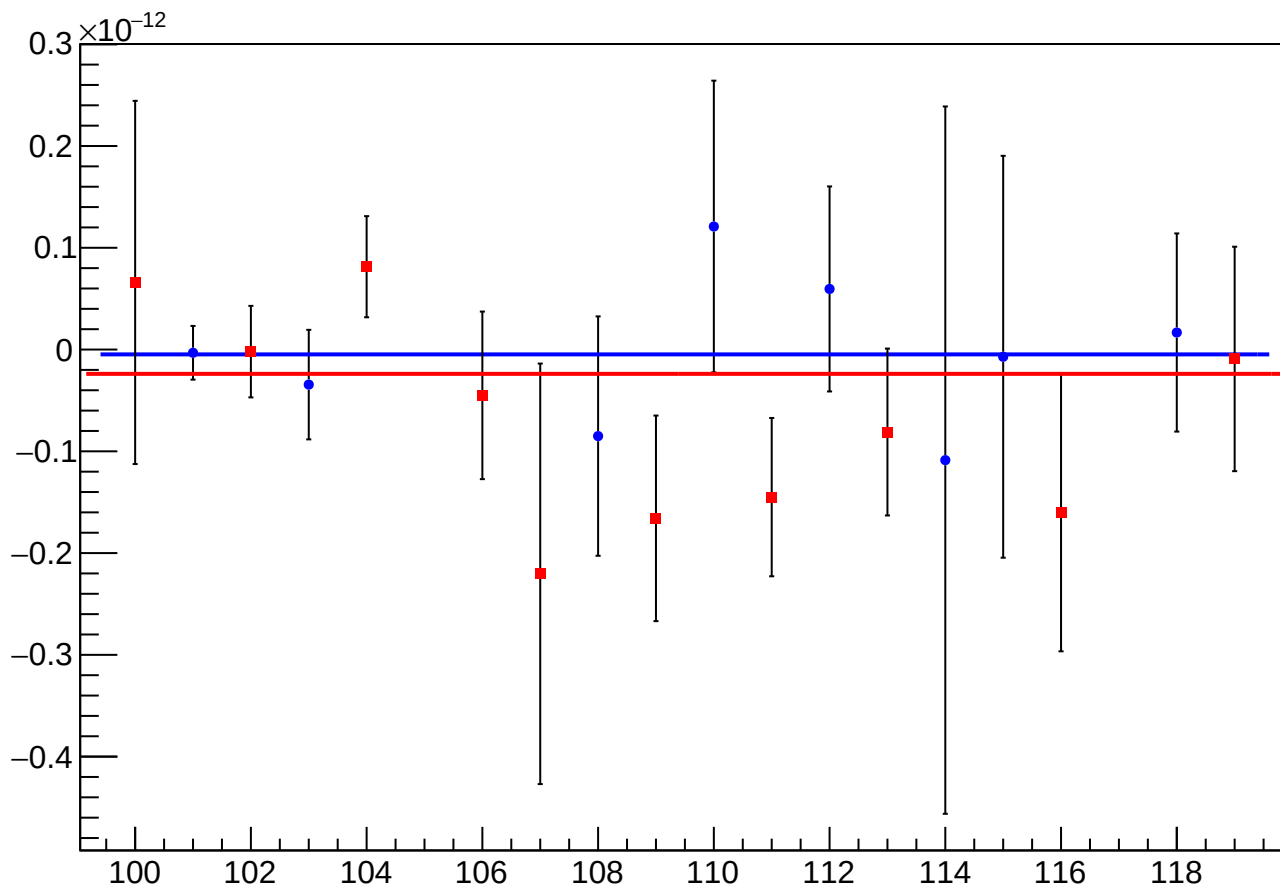
Right: 1409.079+/-0.370 χ^2/NDF : 369482.4/17

In: 1359.075+/-0.534 χ^2/NDF : 168087.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.079+/-0.370 χ^2/NDF : 369482.4/17

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 2.1/7

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.8/9

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

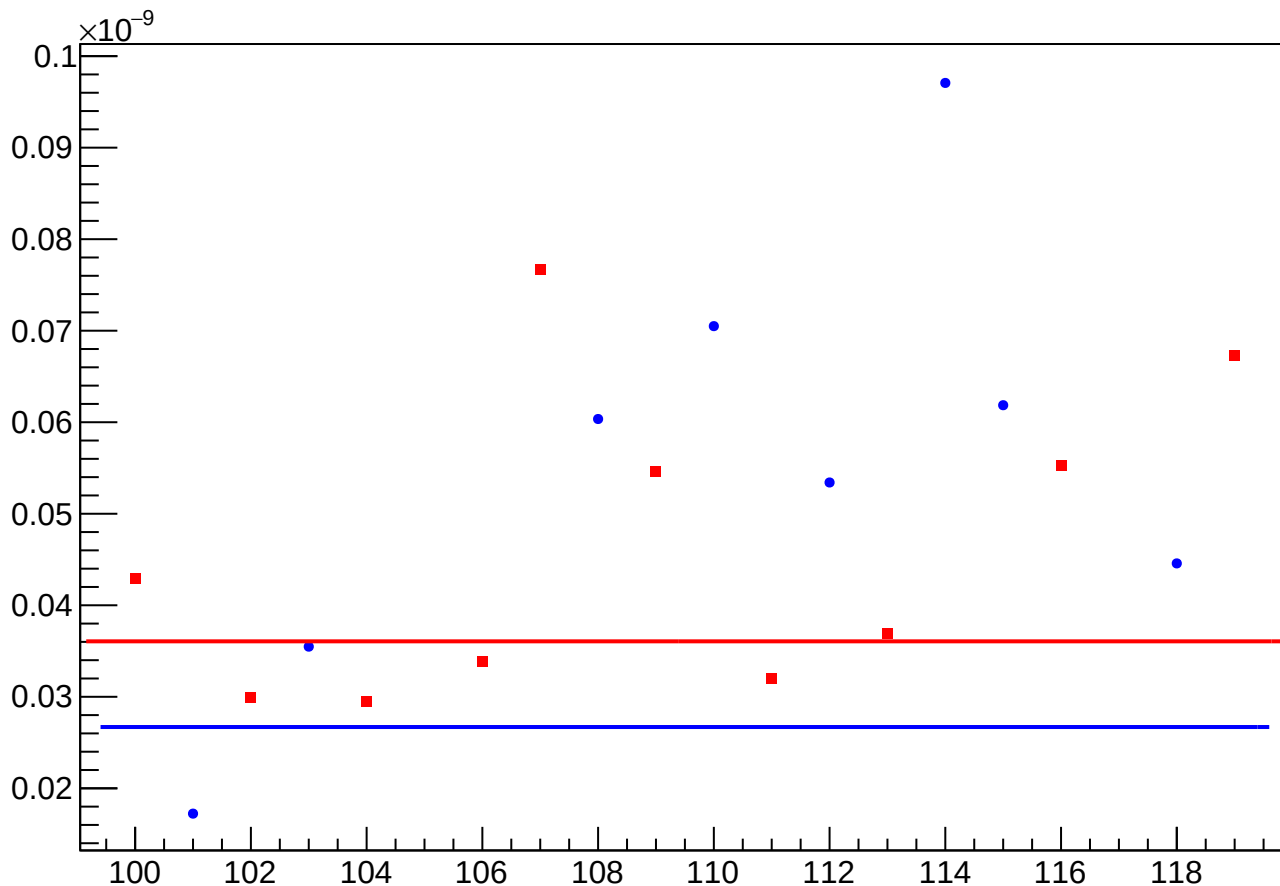
Right: -0.000 ± 0.000 χ^2/NDF : 14.3/17

In: -0.000 ± 0.000 χ^2/NDF : 2.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.3/17

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1014810.7/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 426644.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

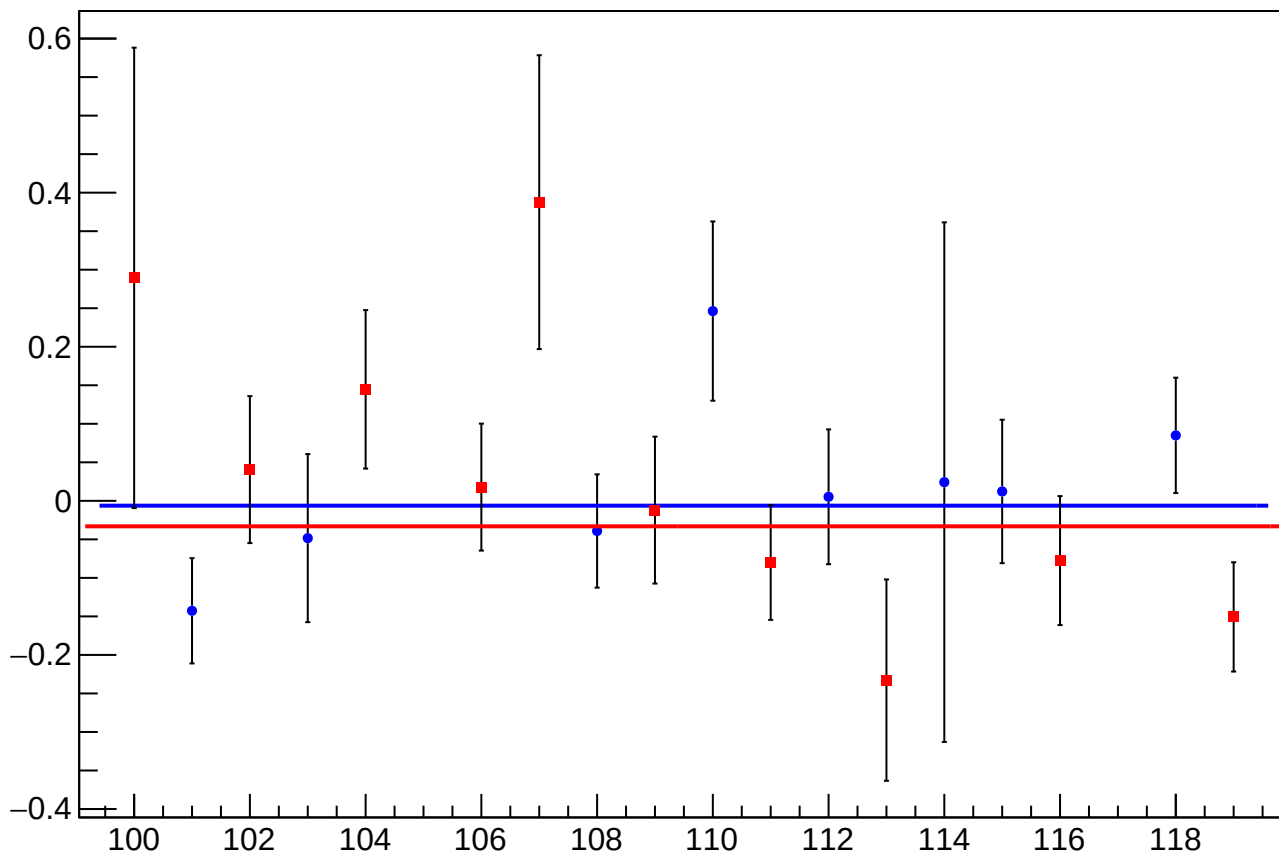
Right: 0.000+/-0.000 χ^2/NDF : 1604803.0/17

In: 0.000+/-0.000 χ^2/NDF : 1014810.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1604803.0/17

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.032 χ^2/NDF : 10.6/7

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

Right Out: -0.033+/-0.030 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

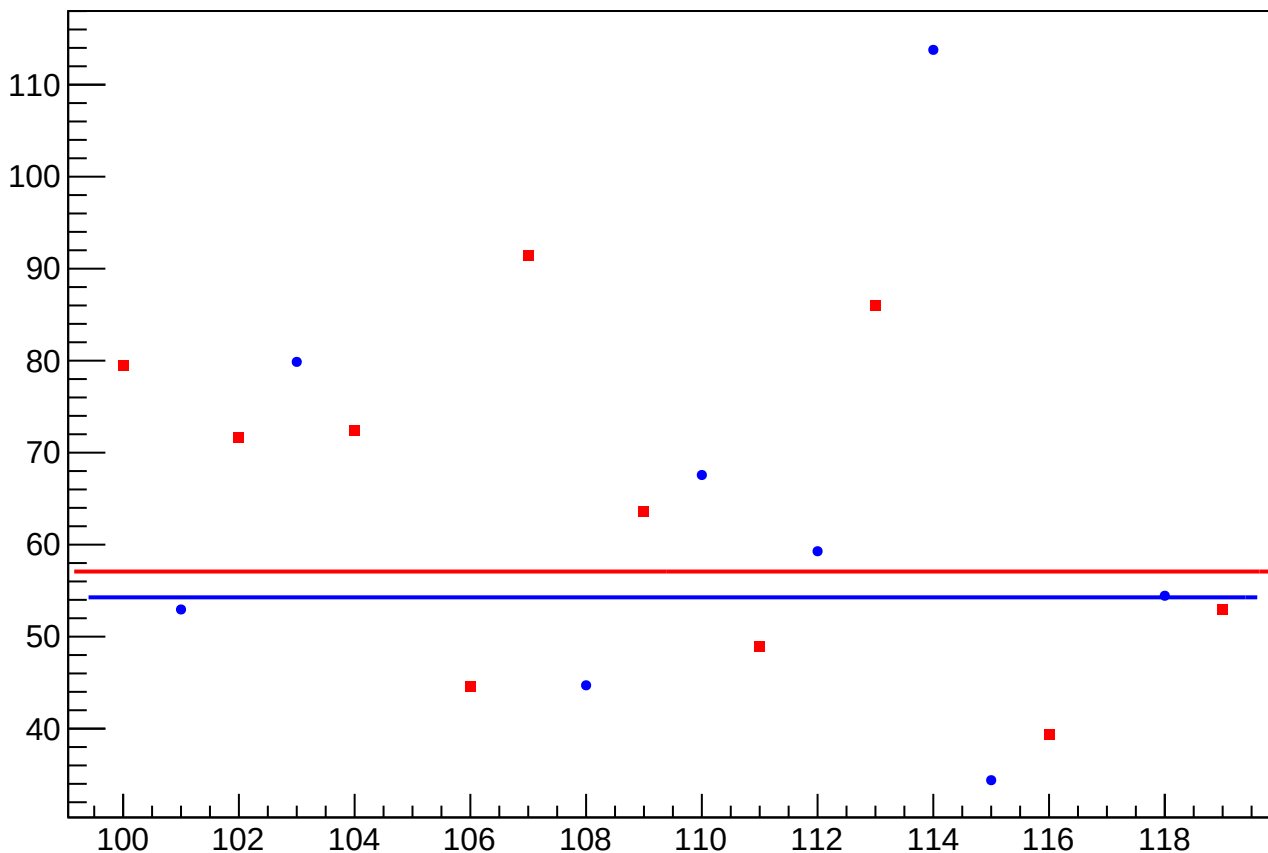
Right: -0.020+/-0.022 χ^2/NDF : 26.8/17

In: -0.006+/-0.032 χ^2/NDF :10.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.022 χ^2/NDF : 26.8/17

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.273+/-0.022 χ^2/NDF : 330814.5/7

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

Right Out: 57.079+/-0.022 χ^2/NDF : 440777.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

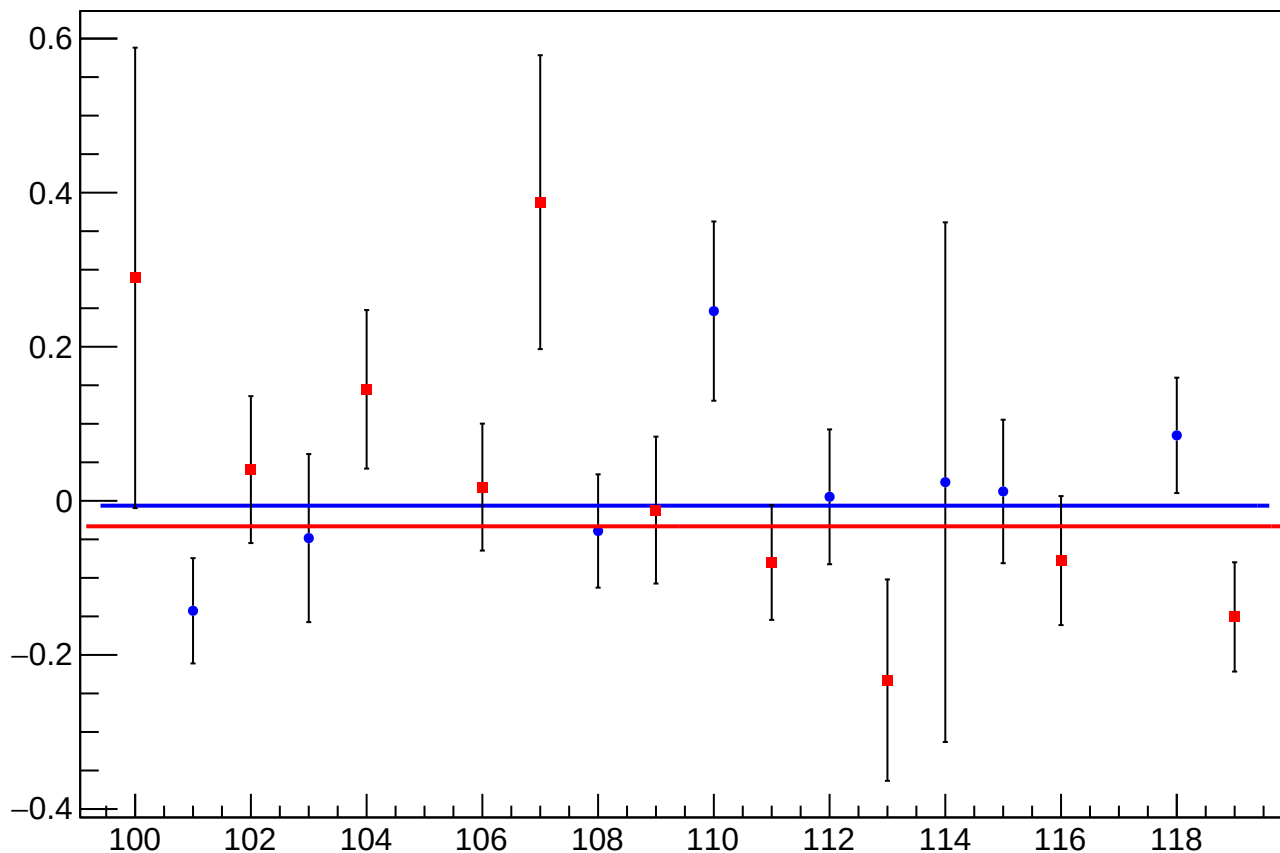
Right: 55.737+/-0.016 χ^2/NDF : 779728.2/17

In: 54.273+/-0.022 χ^2/NDF : 330814.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.737+/-0.016 χ^2/NDF : 779728.2/17

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.032 χ^2/NDF : 10.6/7

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

Right Out: -0.033+/-0.030 χ^2/NDF : 15.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

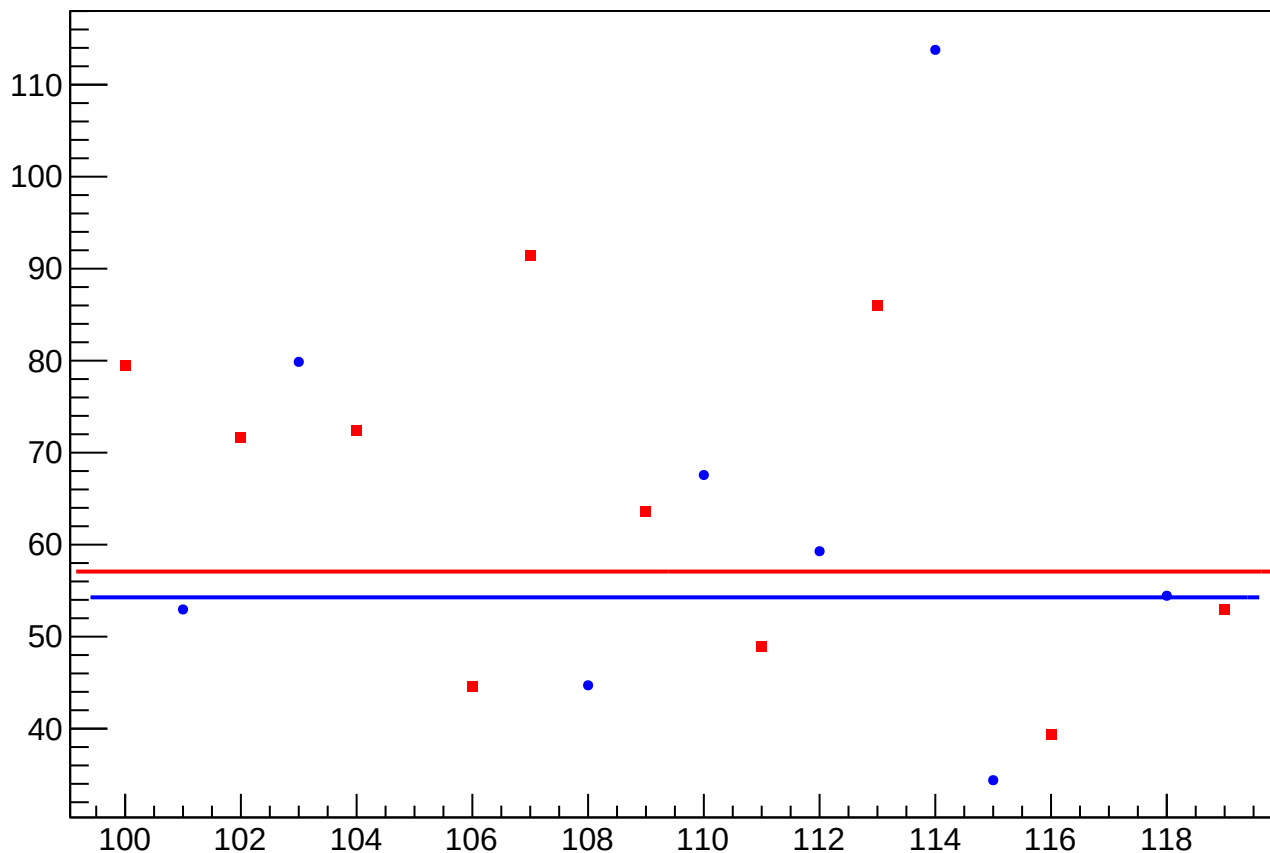
Right: -0.020+/-0.022 χ^2/NDF : 26.8/17

In: -0.006+/-0.032 χ^2/NDF : 10.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.020+/-0.022 χ^2/NDF : 26.8/17

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.273+/-0.022 χ^2/NDF : 330814.5/7

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

Right Out: 57.079+/-0.022 χ^2/NDF : 440777.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

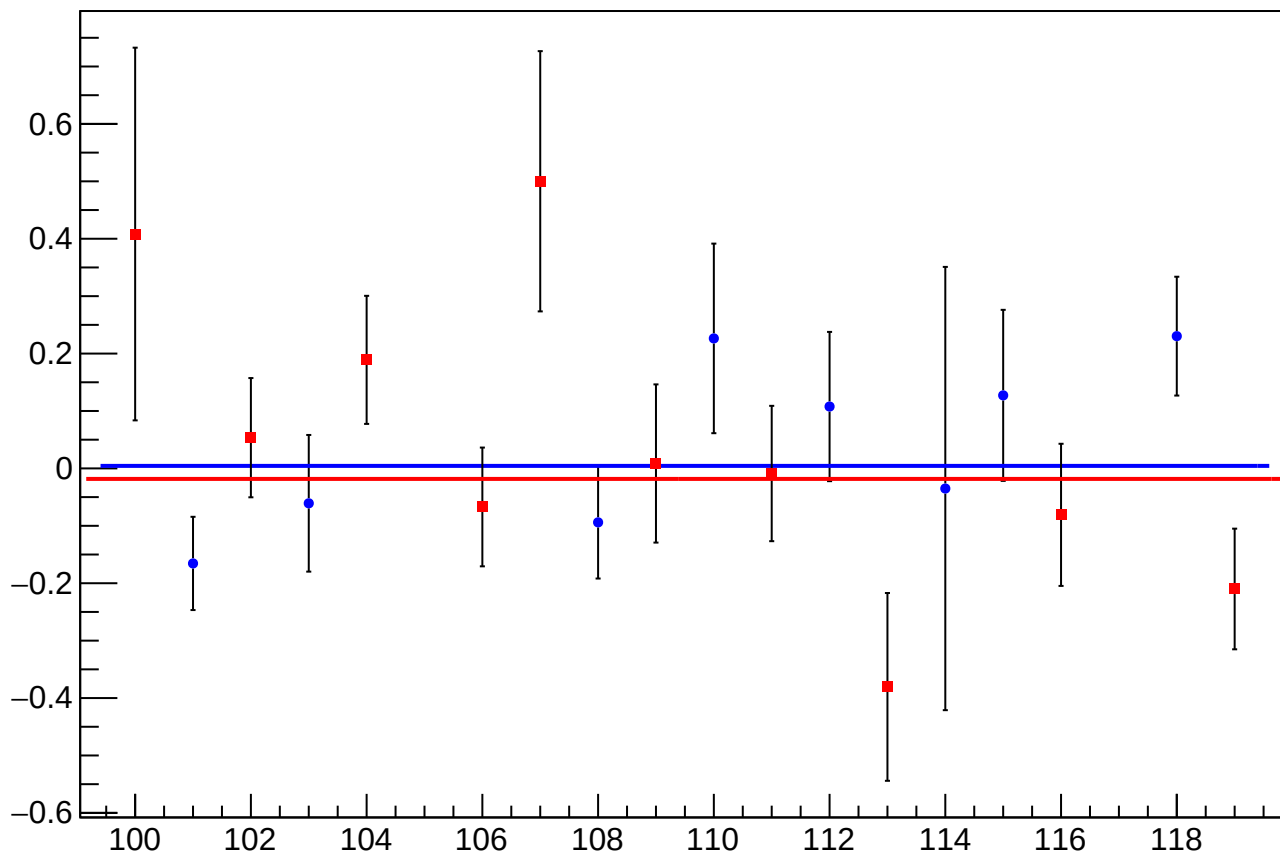
Right: 55.737+/-0.016 χ^2/NDF : 779728.2/17

In: 54.273+/-0.022 χ^2/NDF : 330814.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.737+/-0.016 χ^2/NDF : 779728.2/17

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.042 χ^2/NDF : 13.6/7

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

Right Out: -0.018+/-0.040 χ^2/NDF : 19.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

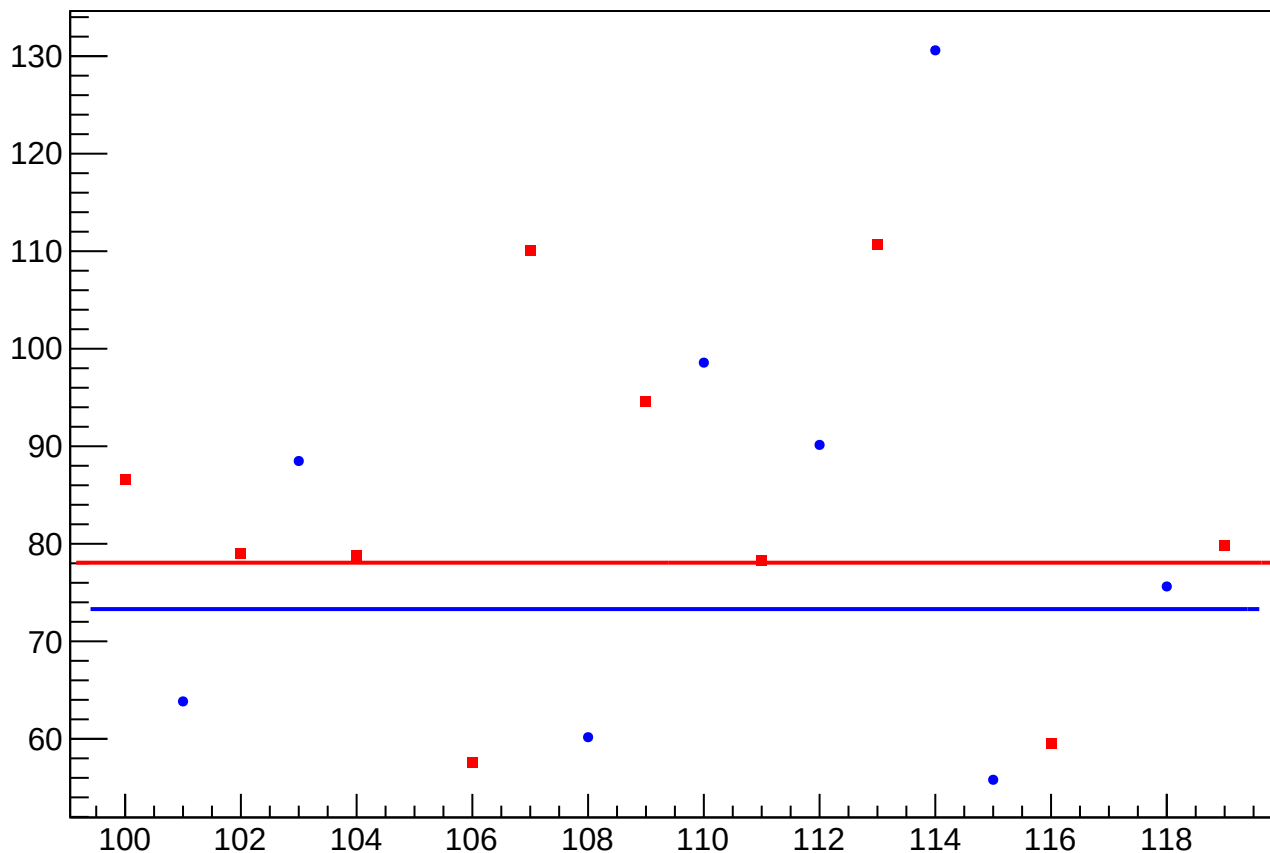
Right: -0.007+/-0.029 χ^2/NDF : 33.4/17

In: 0.004+/-0.042 χ^2/NDF : 13.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.029 χ^2/NDF : 33.4/17

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.306+/-0.030 χ^2/NDF : 248851.6/7

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

Right Out: 78.062+/-0.029 χ^2/NDF : 273669.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

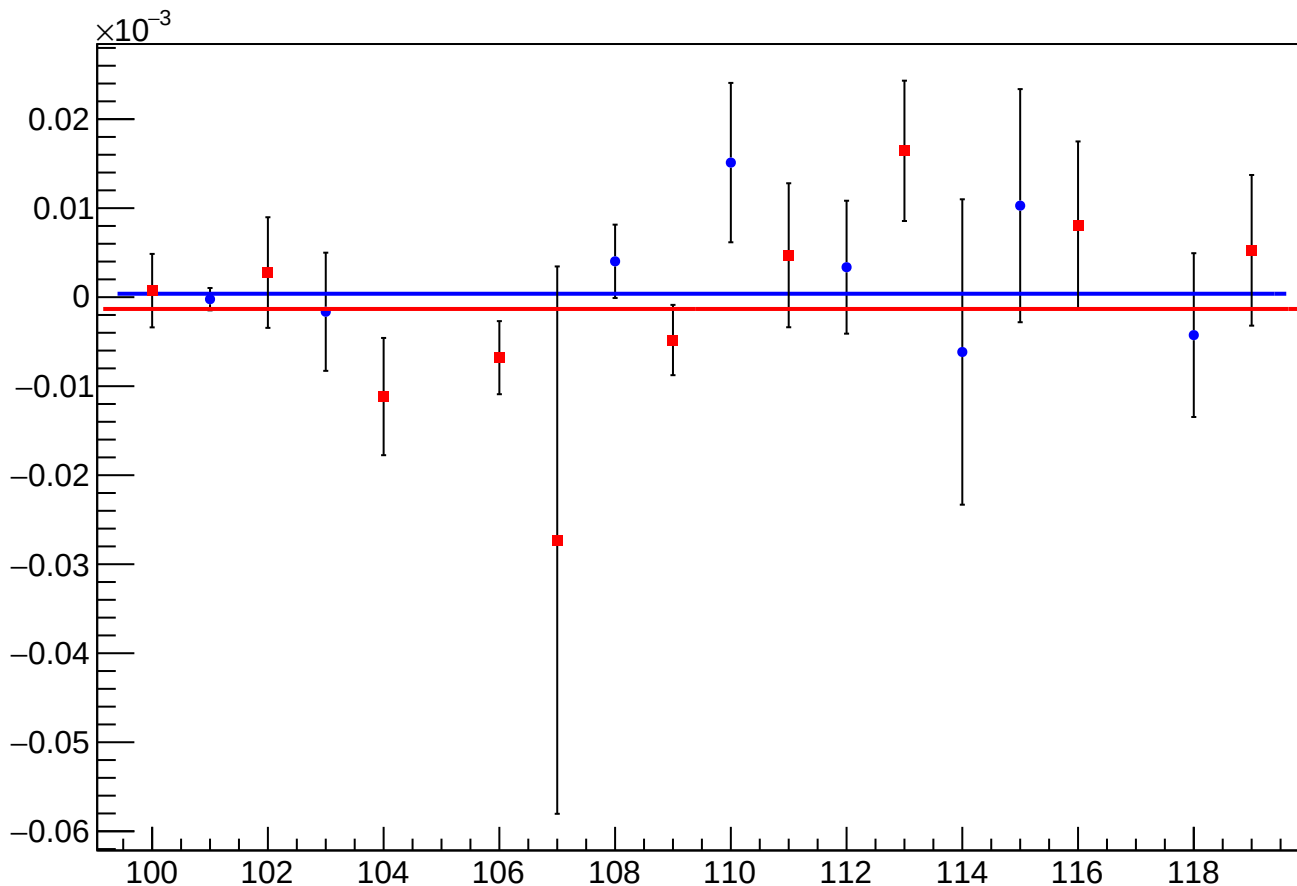
Right: 75.776+/-0.021 χ^2/NDF : 535860.9/17

In: 73.306+/-0.030 χ^2/NDF :248851.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.776+/-0.021 χ^2/NDF : 535860.9/17

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

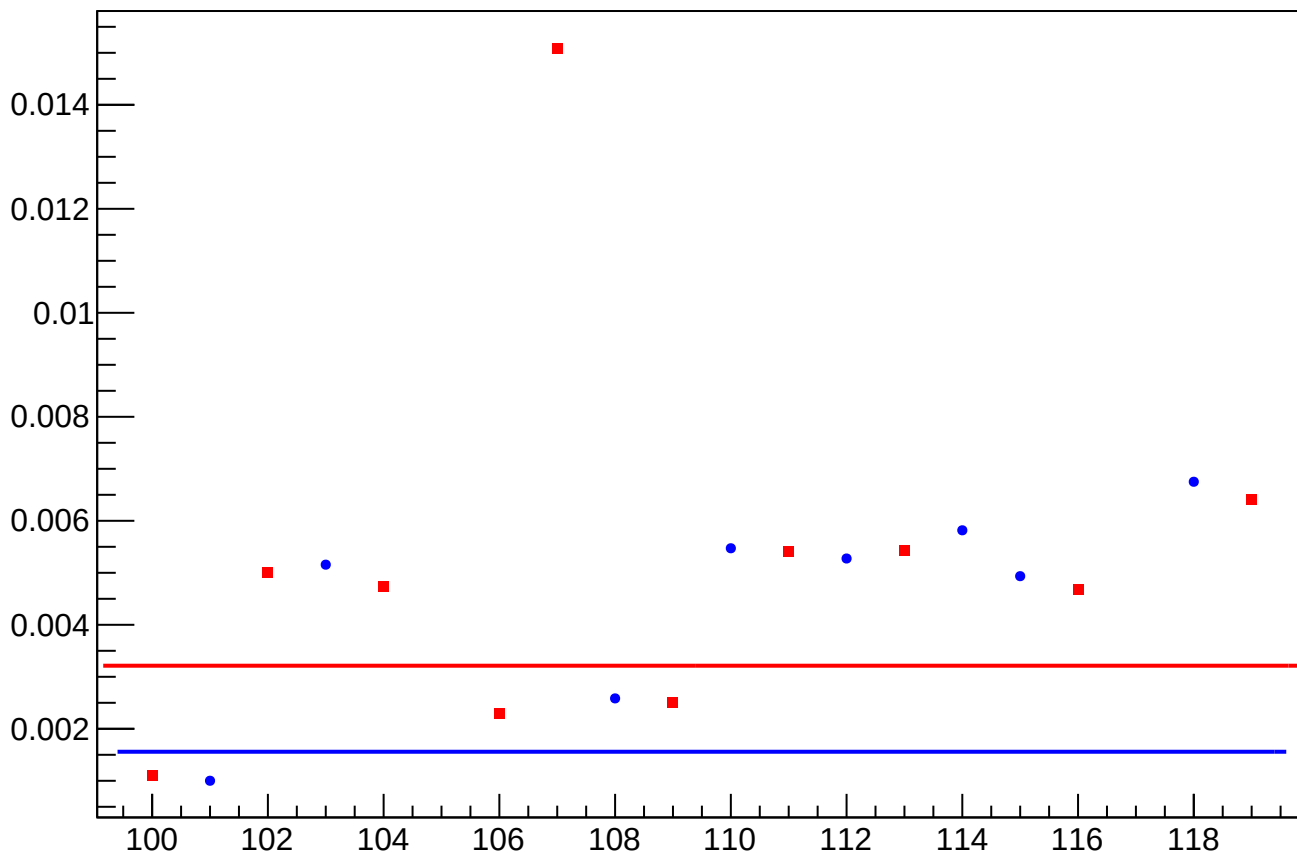
Right: -0.000+/-0.000 χ^2/NDF : 19.0/17

In: 0.000+/-0.000 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/17

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2876319.7/7

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

Right Out: 0.003+/-0.000 χ^2/NDF : 1894091.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

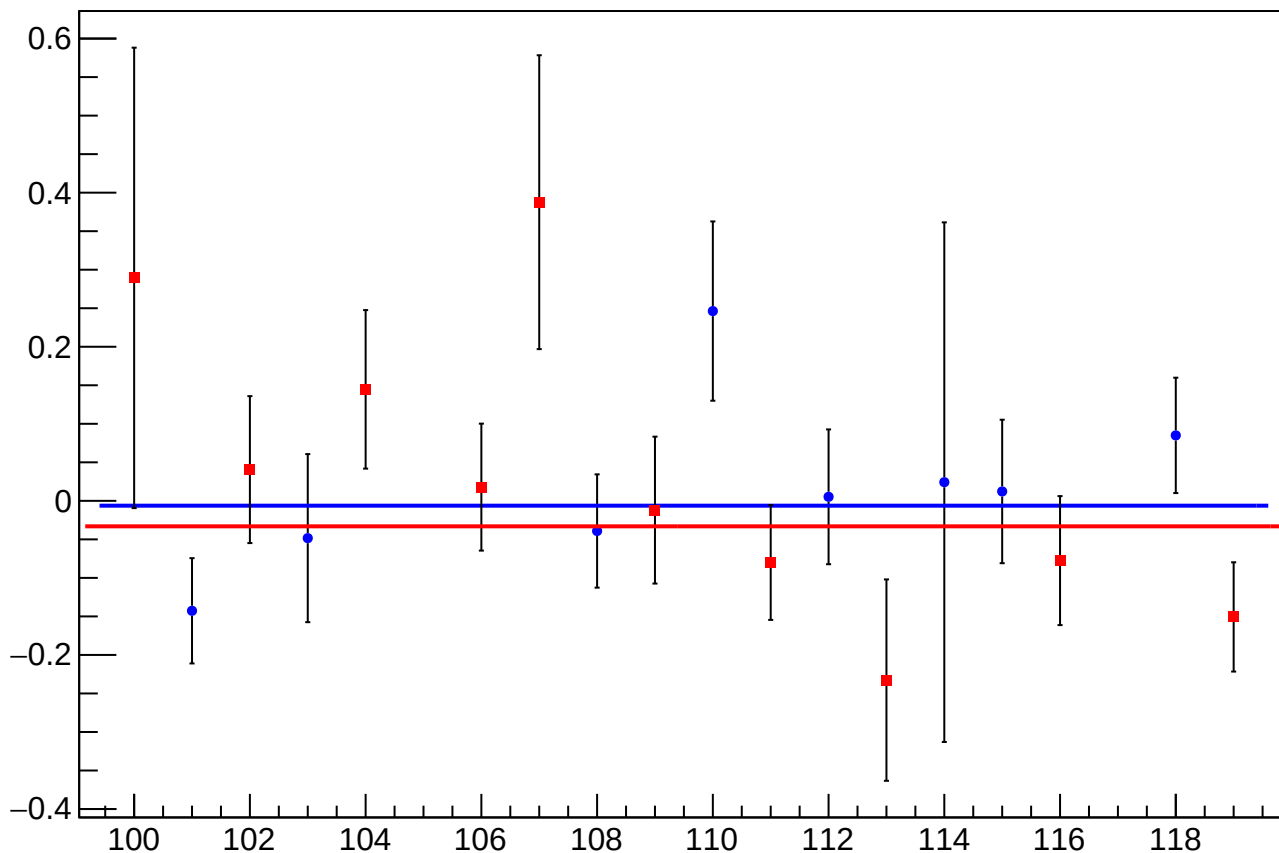
Right: 0.002+/-0.000 χ^2/NDF : 5918793.5/17

In: 0.002+/-0.000 χ^2/NDF :2876319.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5918793.5/17

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006+/-0.032 χ^2/NDF : 10.6/7

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

Right Out: -0.033+/-0.030 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

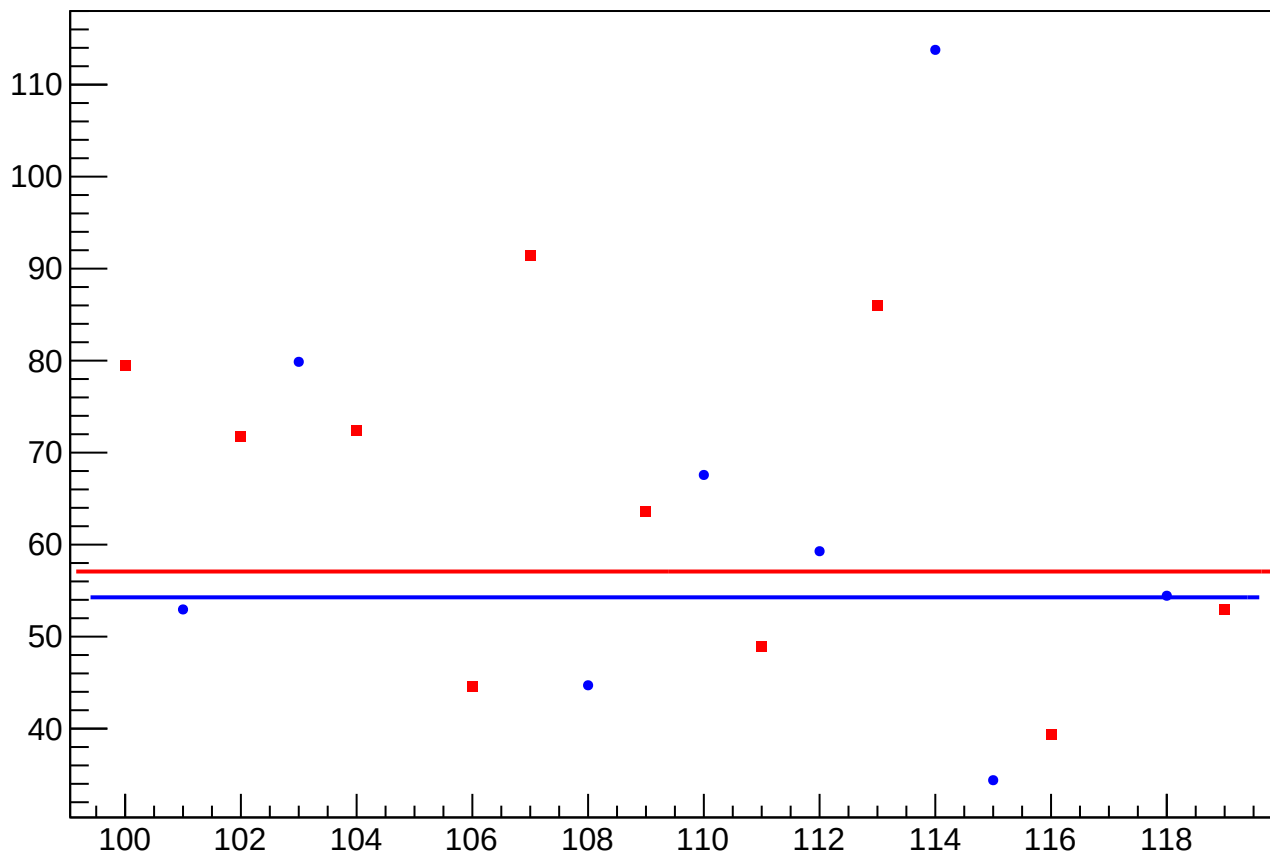
Right: -0.020+/-0.022 χ^2/NDF : 26.8/17

In: -0.006+/-0.032 χ^2/NDF :10.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.020+/-0.022 χ^2/NDF : 26.8/17

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.272 $\pm$ 0.022 χ^2/NDF : 330841.4/7

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

Right Out: 57.077 $\pm$ 0.022 χ^2/NDF : 440785.4/9

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

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

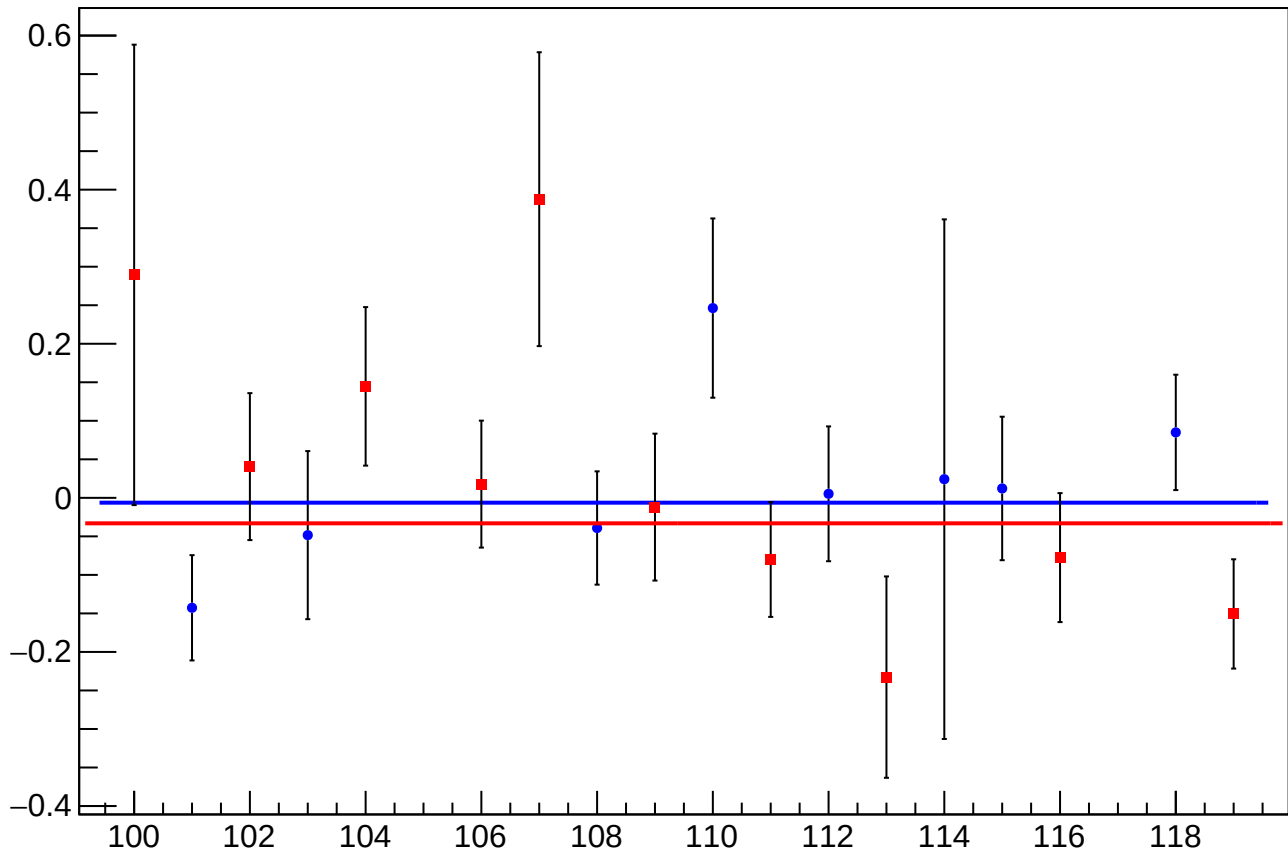
Right: 55.736 $\pm$ 0.016 χ^2/NDF : 779762.1/17

In: 54.272 $\pm$ 0.022 χ^2/NDF : 330841.4/7

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

All: 55.736 $\pm$ 0.016 χ^2/NDF : 779762.1/17

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.006 $\pm$ 0.032 χ^2 /NDF: 10.6/7

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

Right Out: -0.033 $\pm$ 0.030 χ^2 /NDF: 15.8/9

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

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

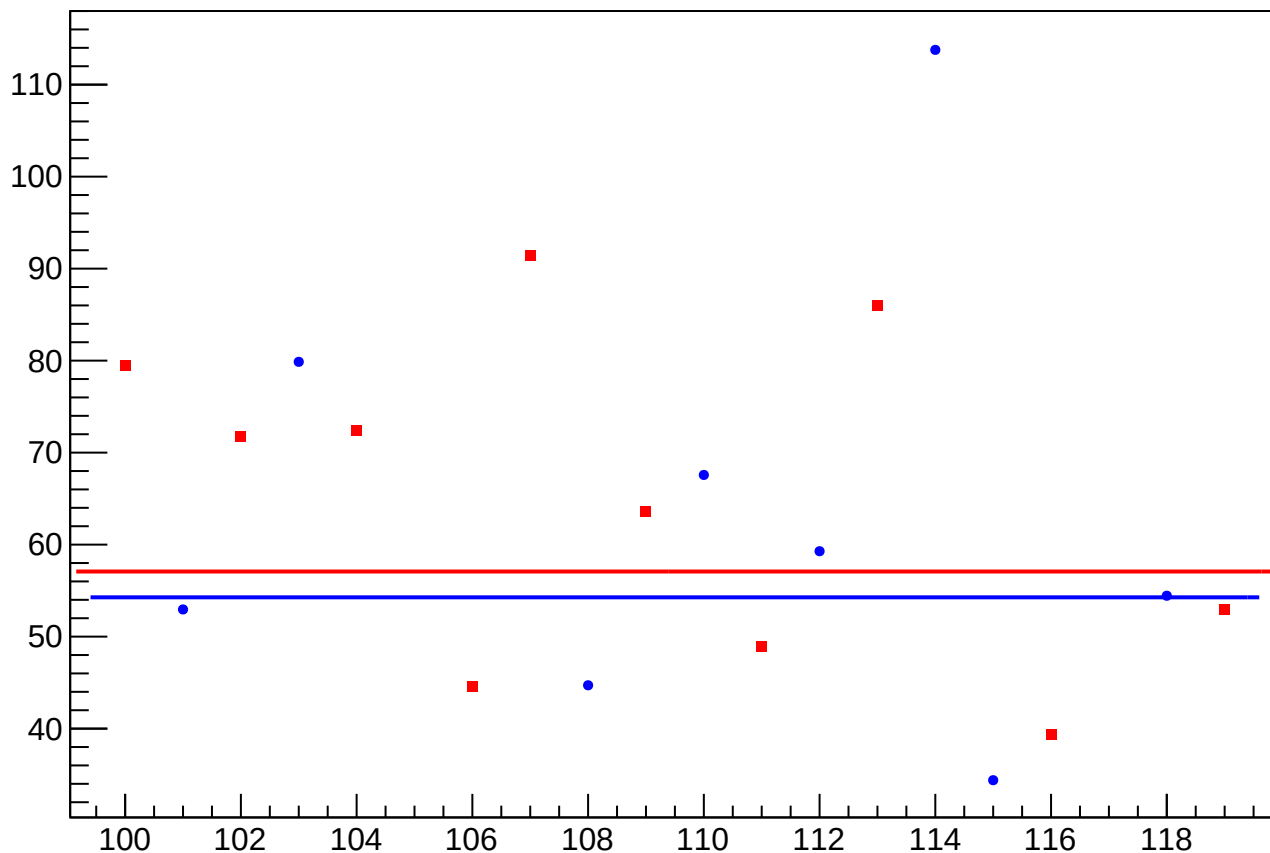
Right: -0.020 $\pm$ 0.022 χ^2 /NDF: 26.8/17

In: -0.006 $\pm$ 0.032 χ^2 /NDF:10.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.020 $\pm$ 0.022 χ^2 /NDF: 26.8/17

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 54.272 $\pm$ 0.022 χ^2 /NDF: 330841.4/7

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

Right Out: 57.077 $\pm$ 0.022 χ^2 /NDF: 440785.4/9

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

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

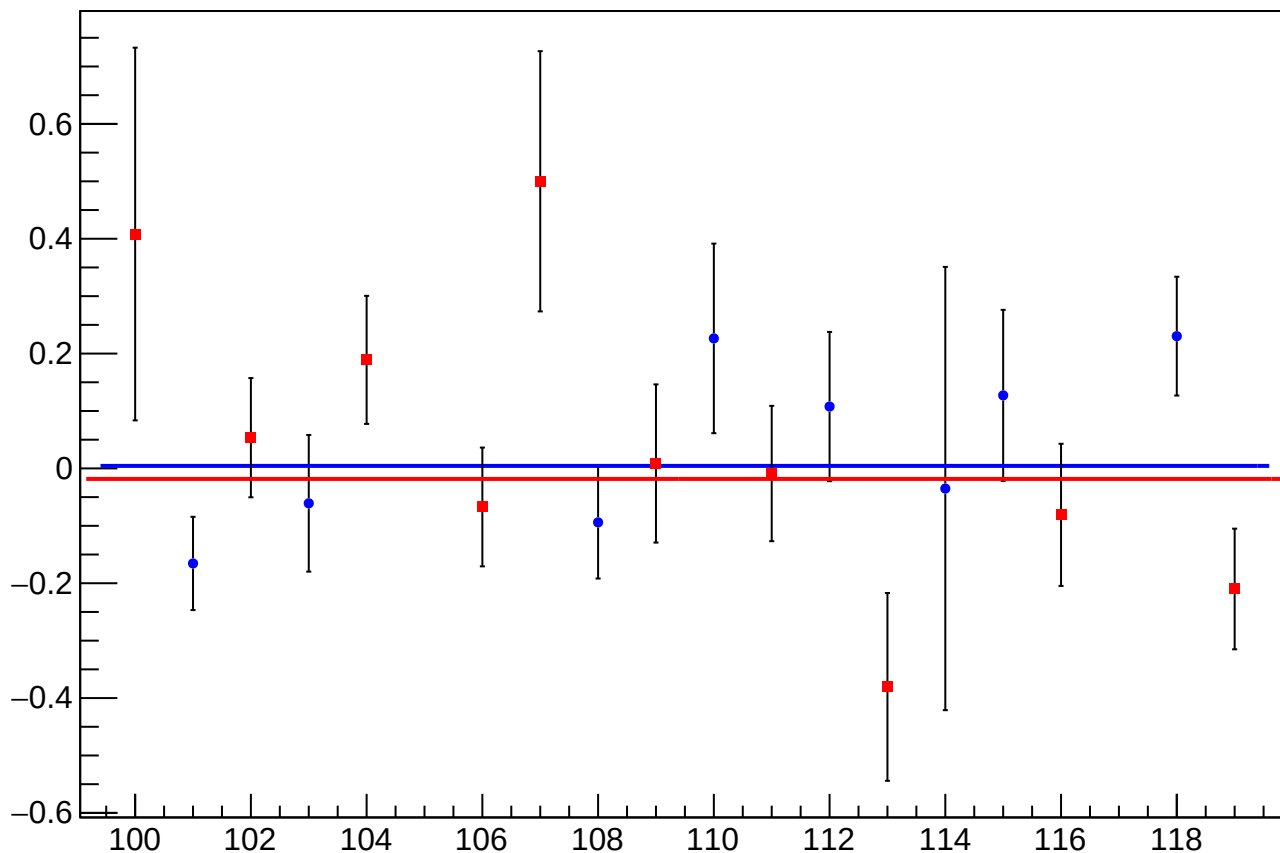
Right: 55.736 $\pm$ 0.016 χ^2 /NDF: 779762.1/17

In: 54.272 $\pm$ 0.022 χ^2 /NDF:330841.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.736 $\pm$ 0.016 χ^2 /NDF: 779762.1/17

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.042 χ^2/NDF : 13.6/7

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

Right Out: -0.018+/-0.040 χ^2/NDF : 19.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

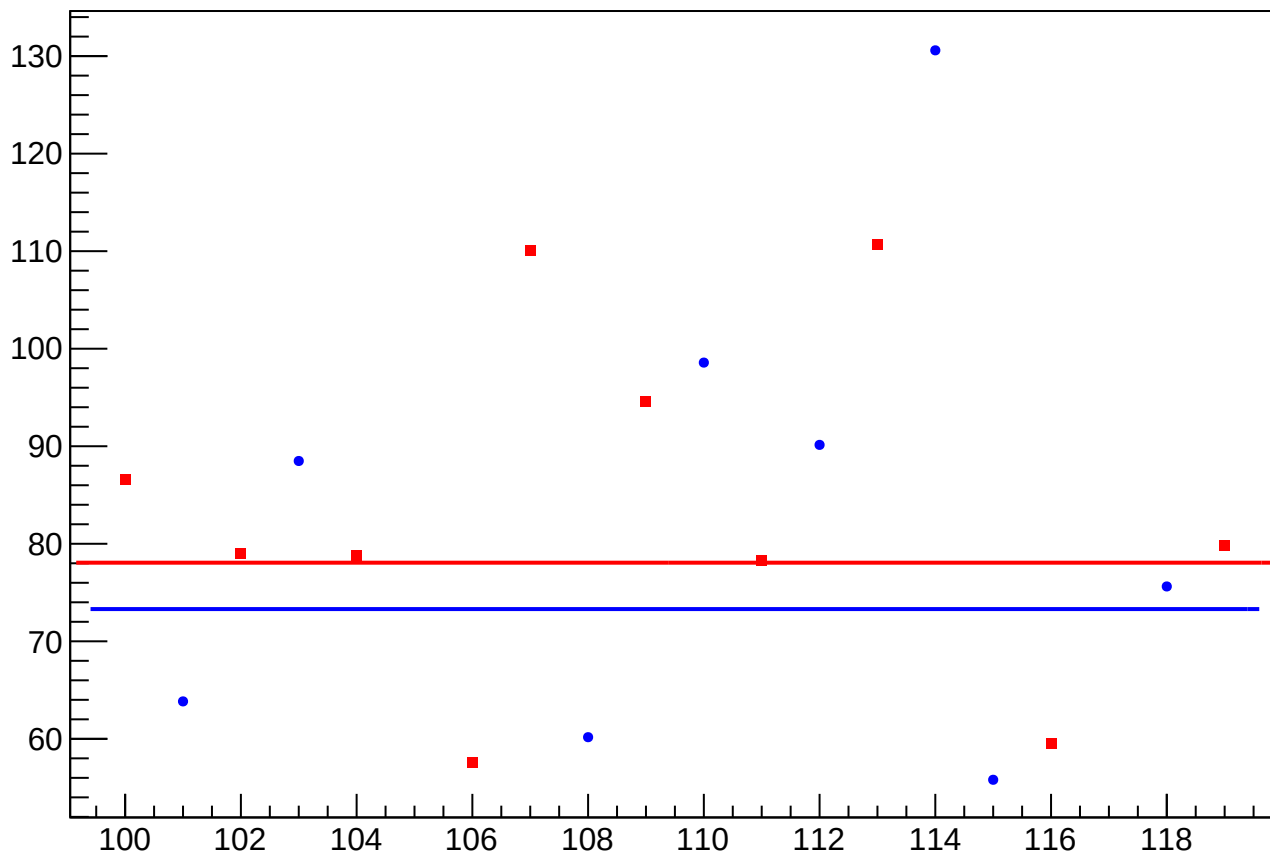
Right: -0.007+/-0.029 χ^2/NDF : 33.4/17

In: 0.004+/-0.042 χ^2/NDF : 13.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.029 χ^2/NDF : 33.4/17

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.305+/-0.030 χ^2/NDF : 248854.1/7

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

Right Out: 78.061+/-0.029 χ^2/NDF : 273662.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

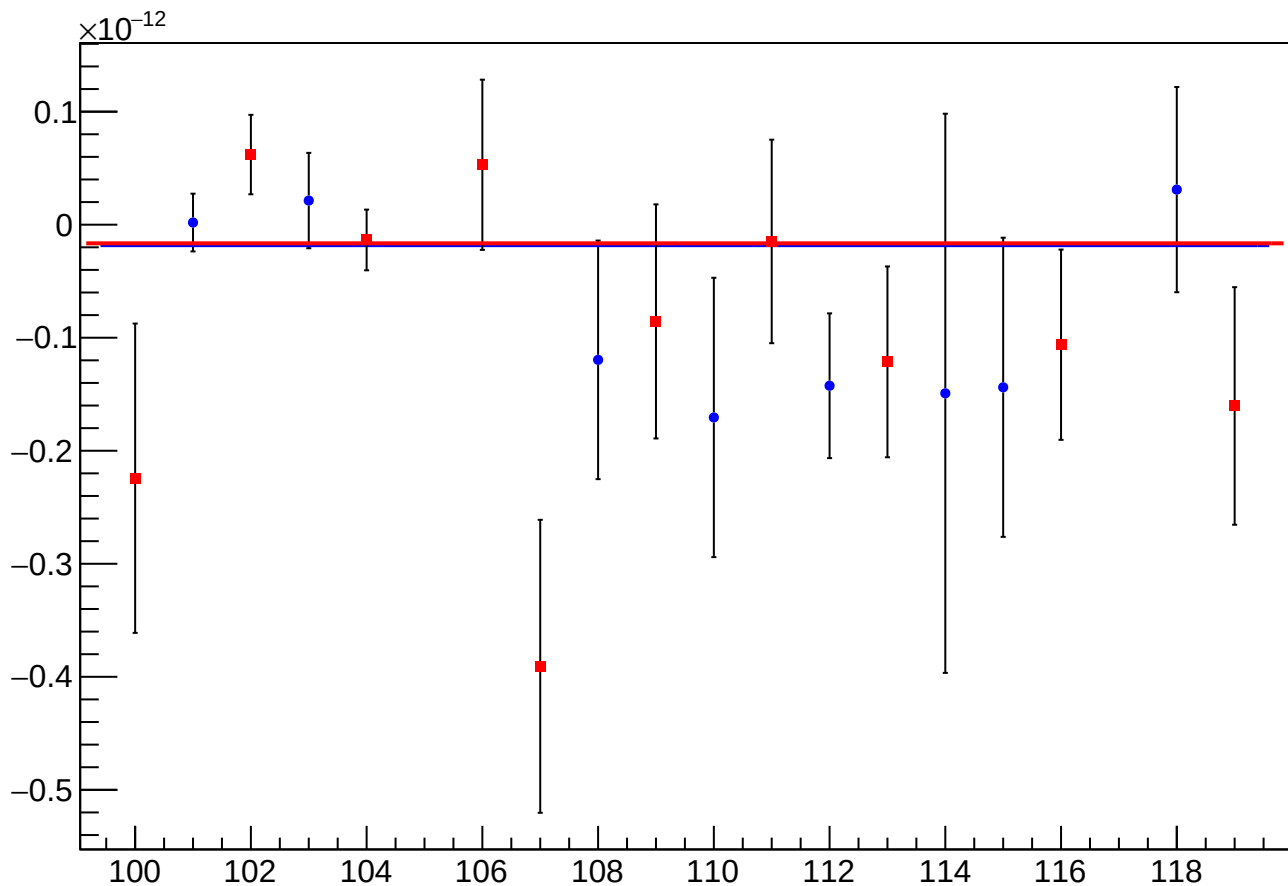
Right: 75.775+/-0.021 χ^2/NDF : 535854.5/17

In: 73.305+/-0.030 χ^2/NDF :248854.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.775+/-0.021 χ^2/NDF : 535854.5/17

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.2/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 21.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

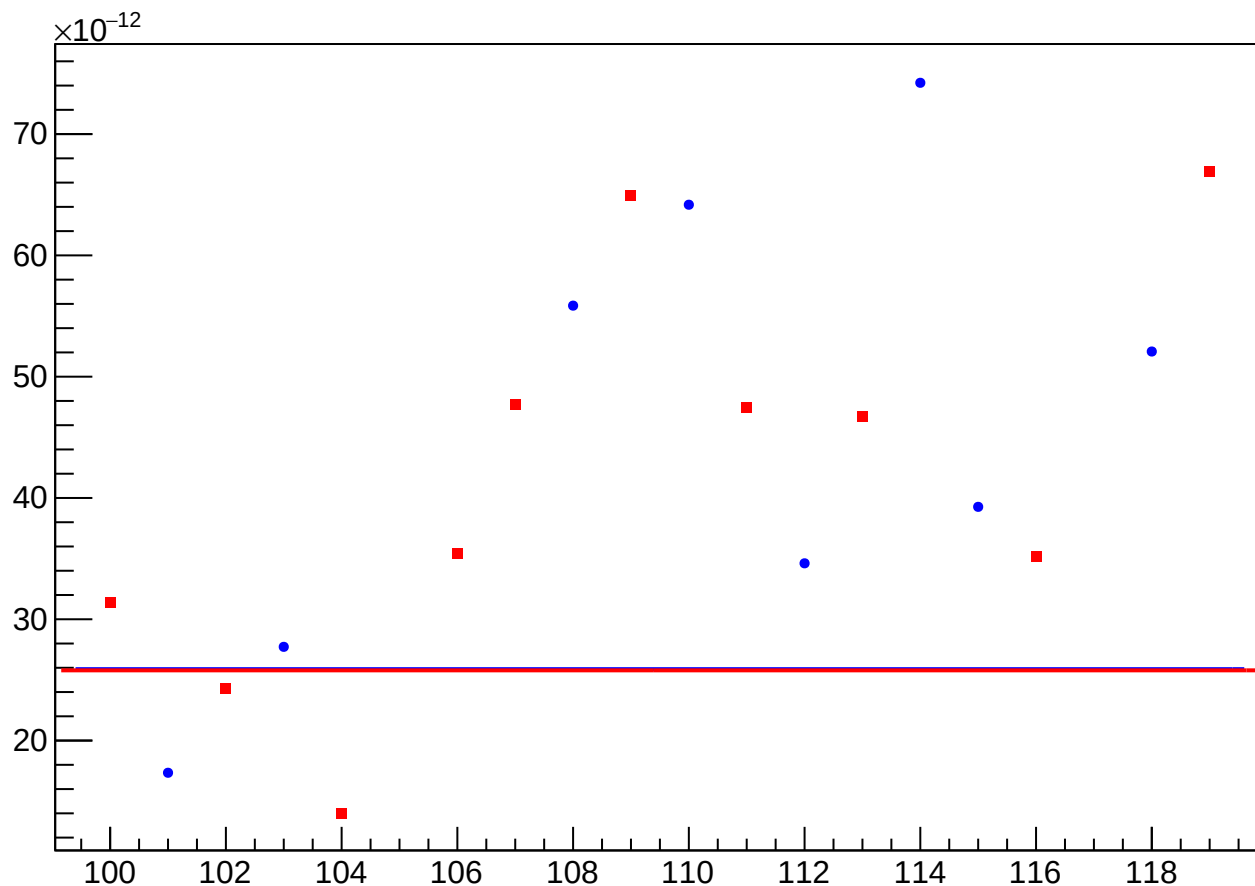
Right: -0.000+/-0.000 χ^2/NDF : 30.7/17

In: -0.000+/-0.000 χ^2/NDF :9.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.7/17

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 881101.6/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1339277.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

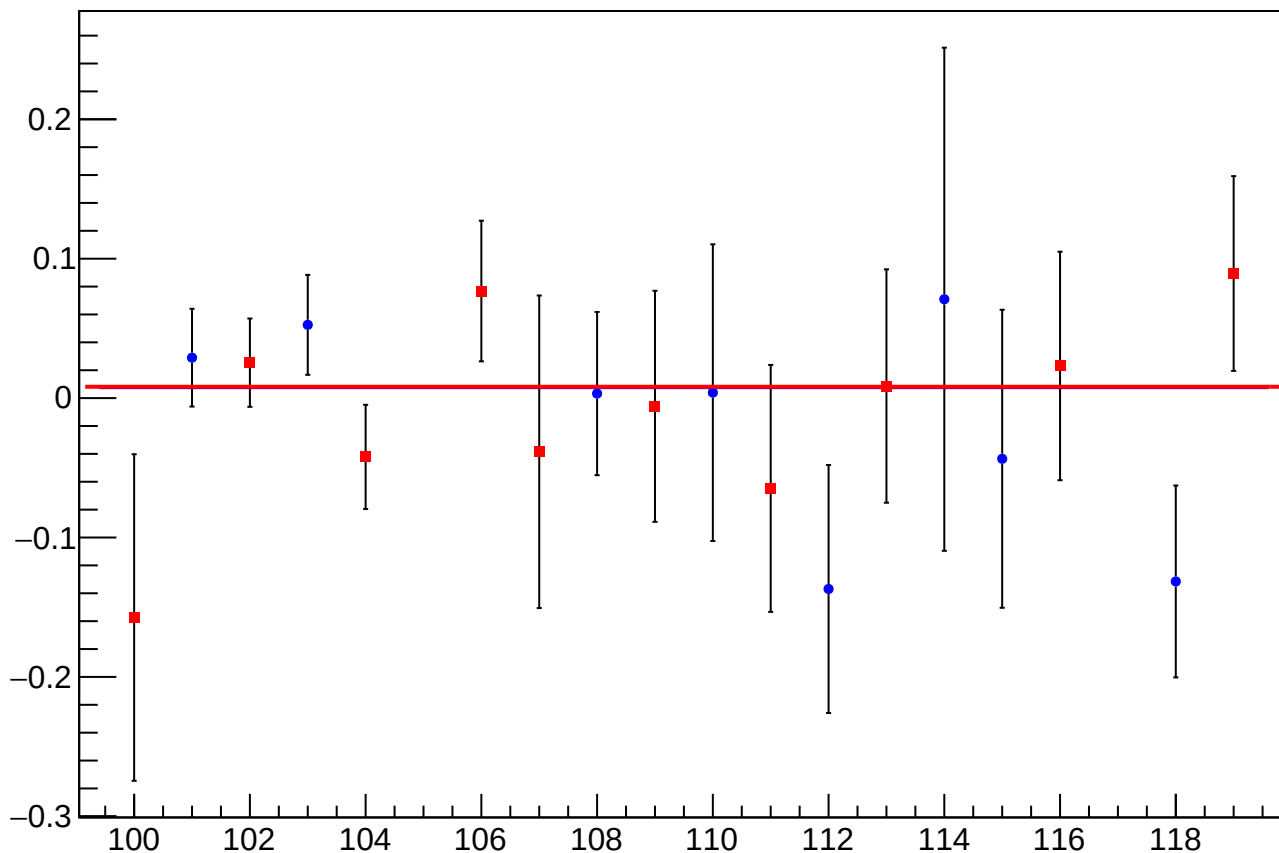
Right: 0.000+/-0.000 χ^2/NDF : 2220406.2/17

In: 0.000+/-0.000 χ^2/NDF : 881101.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2220406.2/17

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.020 χ^2/NDF : 9.0/7

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

Right Out: 0.008+/-0.018 χ^2/NDF : 8.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

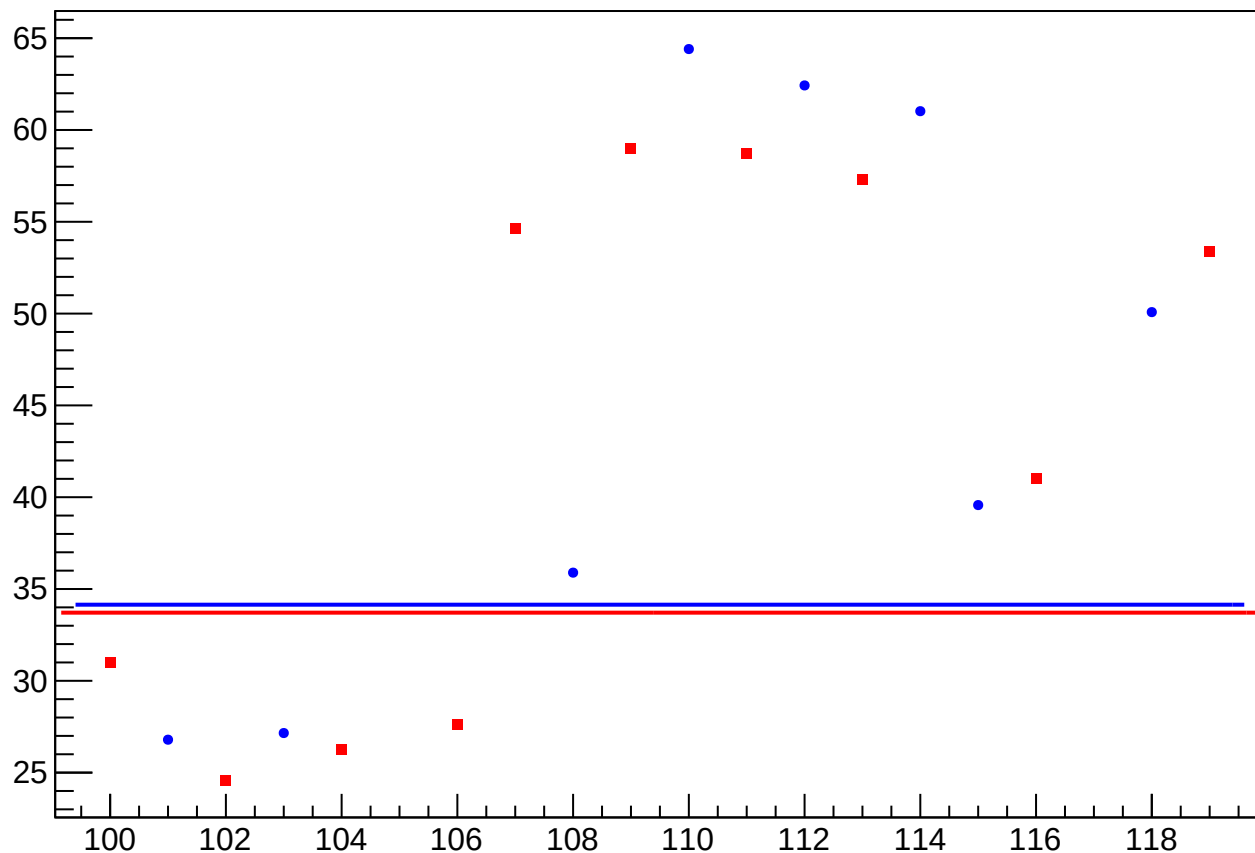
Right: 0.008+/-0.014 χ^2/NDF : 17.3/17

In: 0.008+/-0.020 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.014 χ^2/NDF : 17.3/17

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.146+/-0.014 χ^2/NDF : 686565.8/7

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

Right Out: 33.712+/-0.013 χ^2/NDF : 1024617.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

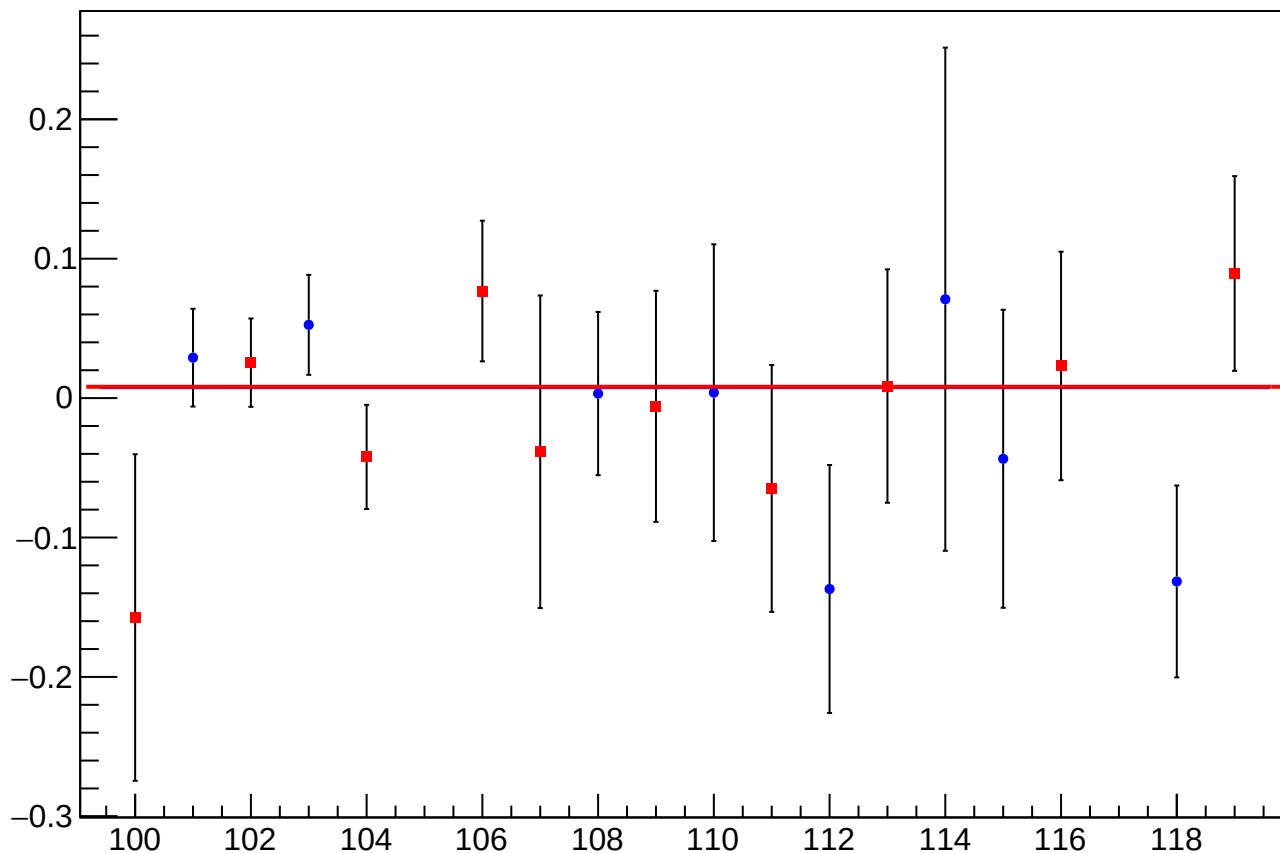
Right: 33.905+/-0.010 χ^2/NDF : 1711690.6/17

In: 34.146+/-0.014 χ^2/NDF : 686565.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.905+/-0.010 χ^2/NDF : 1711690.6/17

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.020 χ^2/NDF : 9.0/7

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

Right Out: 0.008+/-0.018 χ^2/NDF : 8.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

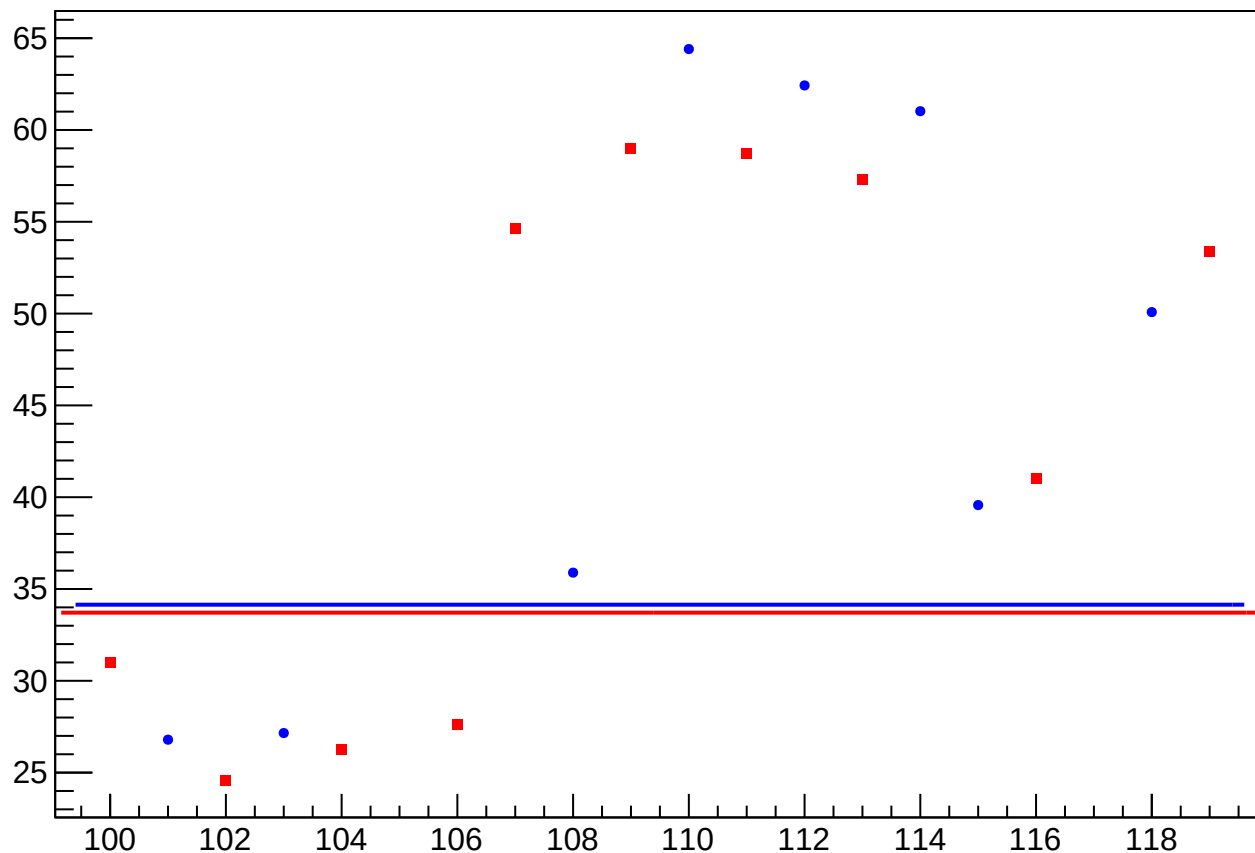
Right: 0.008+/-0.014 χ^2/NDF : 17.3/17

In: 0.008+/-0.020 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.014 χ^2/NDF : 17.3/17

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.146+/-0.014 χ^2/NDF : 686565.8/7

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

Right Out: 33.712+/-0.013 χ^2/NDF : 1024617.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

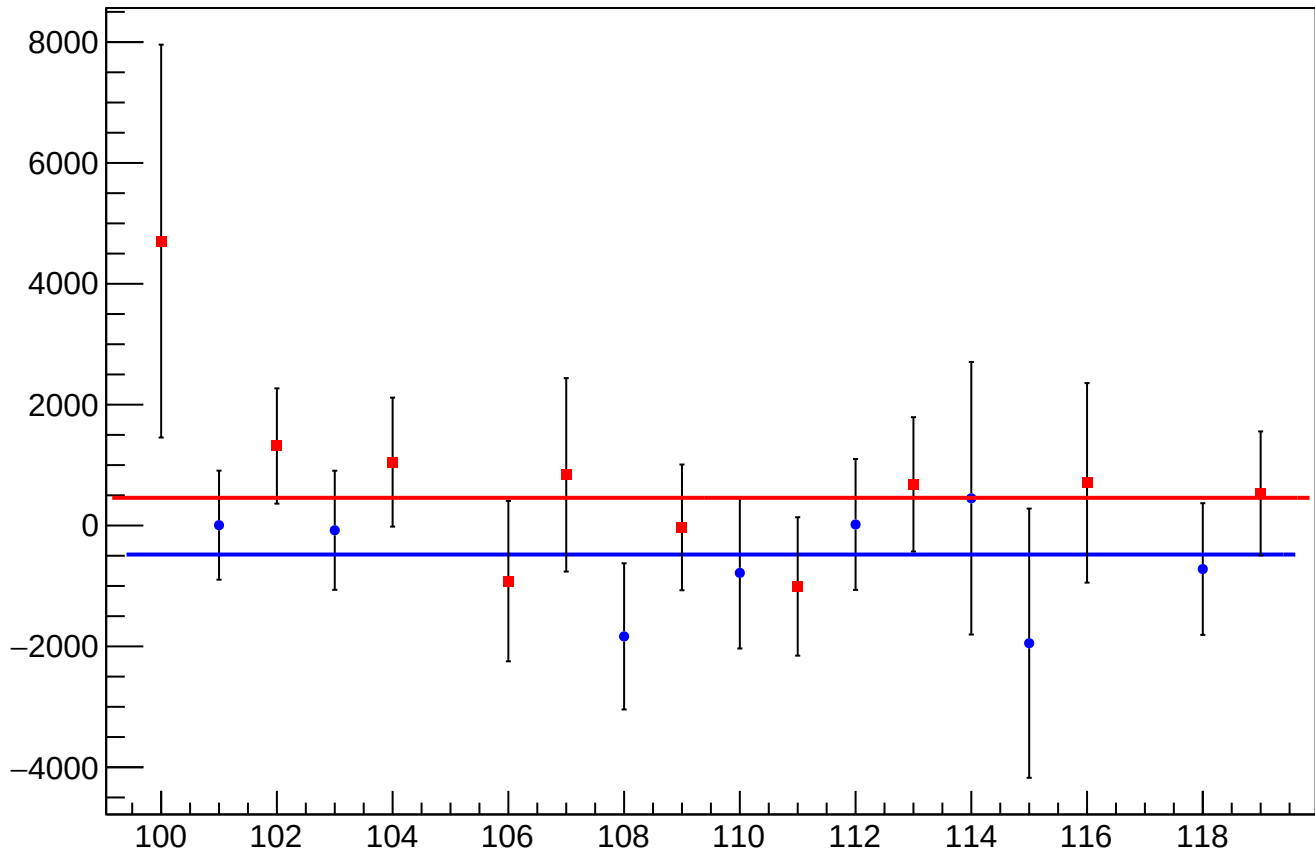
Right: 33.905+/-0.010 χ^2/NDF : 1711690.6/17

In: 34.146+/-0.014 χ^2/NDF : 686565.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.905+/-0.010 χ^2/NDF : 1711690.6/17

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -479.962+/-419.774 χ^2/NDF : 2.6/7

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

Right Out: 458.548+/-382.241 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

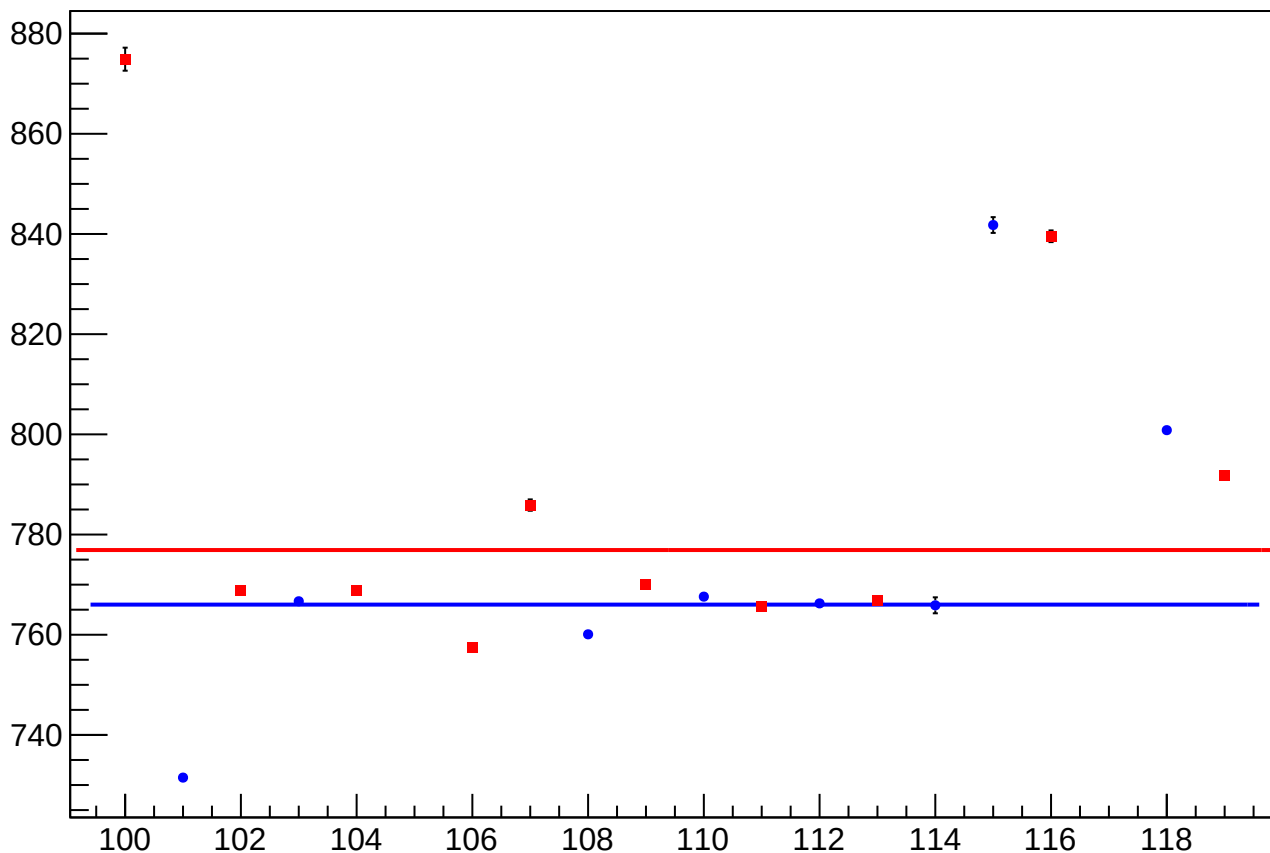
Right: 33.117+/-282.625 χ^2/NDF : 11.3/17

In: -479.962+/-419.774 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.117+/-282.625 χ^2/NDF : 11.3/17

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.015+/-0.297 χ^2/NDF : 7340.9/7

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

Right Out: 776.909+/-0.270 χ^2/NDF : 6308.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

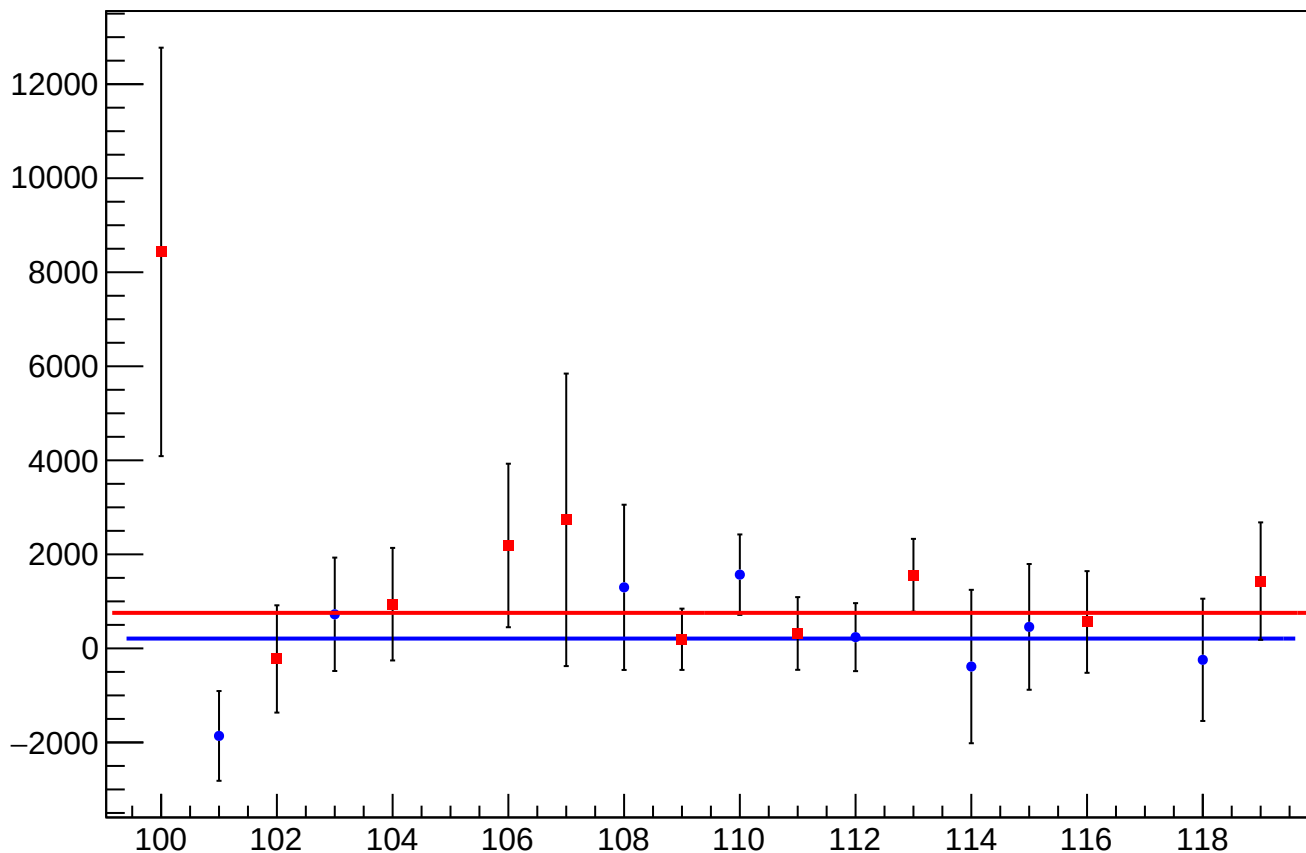
Right: 771.970+/-0.200 χ^2/NDF : 14386.2/17

In: 766.015+/-0.297 χ^2/NDF : 7340.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.970+/-0.200 χ^2/NDF : 14386.2/17

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 209.002+/-380.272 χ^2/NDF : 8.1/7

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

Right Out: 755.742+/-330.735 χ^2/NDF : 7.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

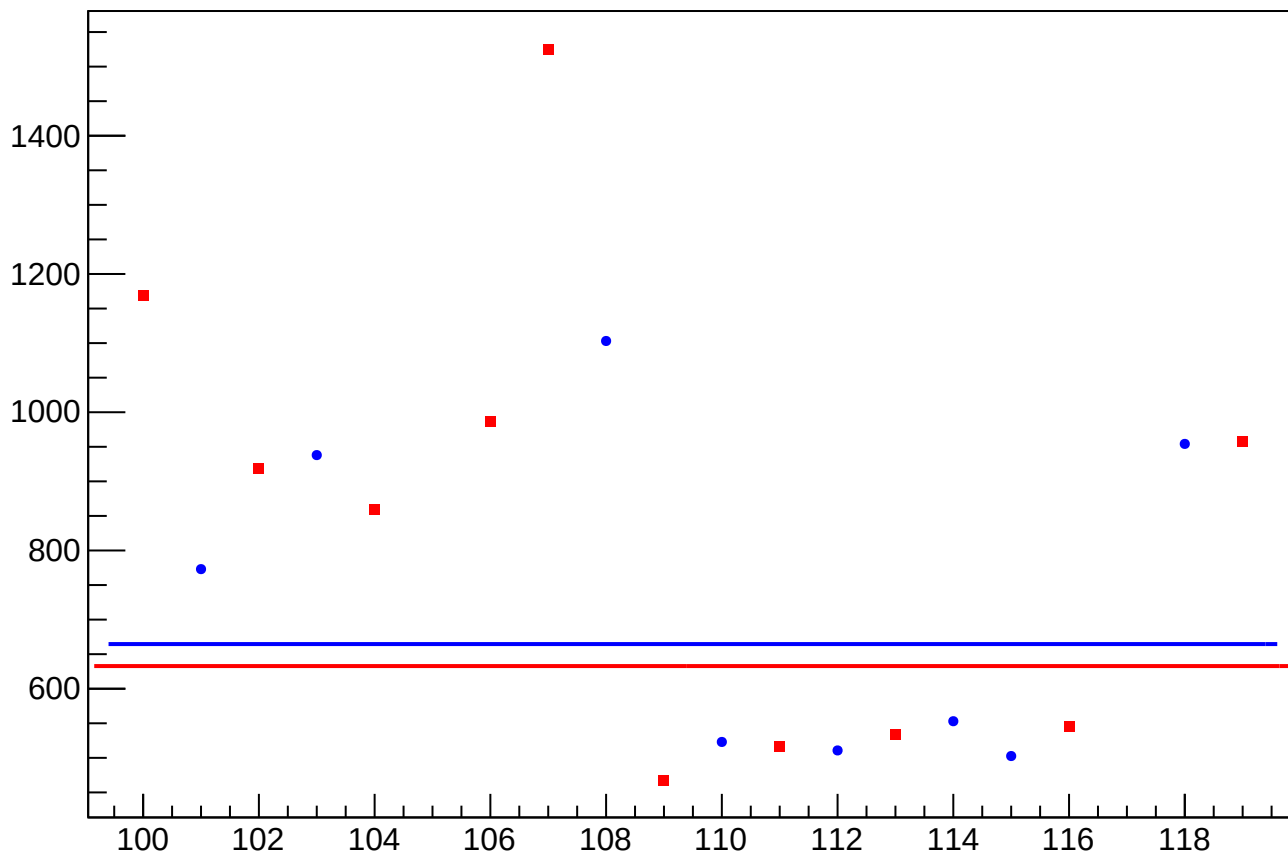
Right: 520.280+/-249.554 χ^2/NDF : 16.7/17

In: 209.002+/-380.272 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 520.280+/-249.554 χ^2/NDF : 16.7/17

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

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

Right Out: 632.788+/-0.234 χ^2/NDF : 831401.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

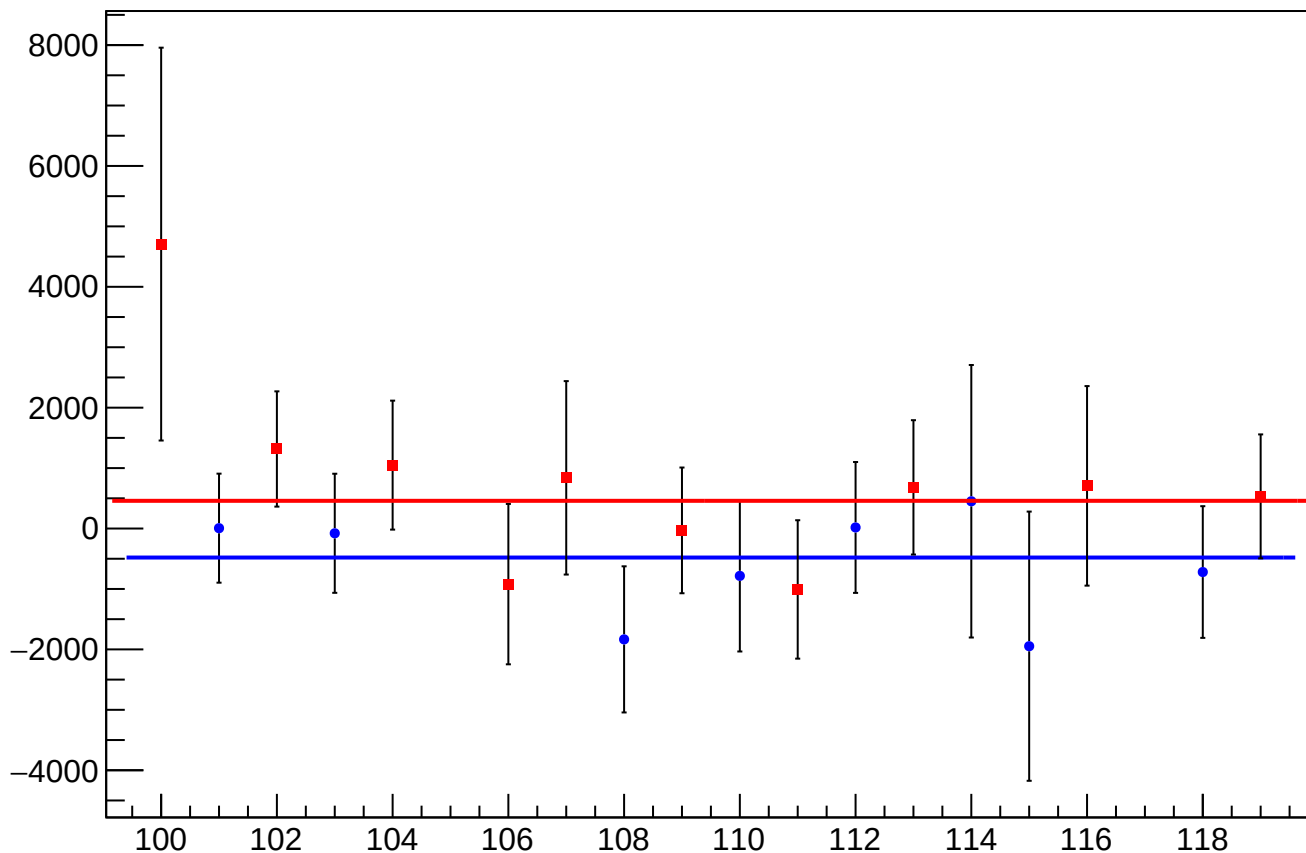
Right: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -479.962 $\pm$ 419.774 χ^2 /NDF: 2.6/7

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

Right Out: 458.548 $\pm$ 382.241 χ^2 /NDF: 5.9/9

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

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

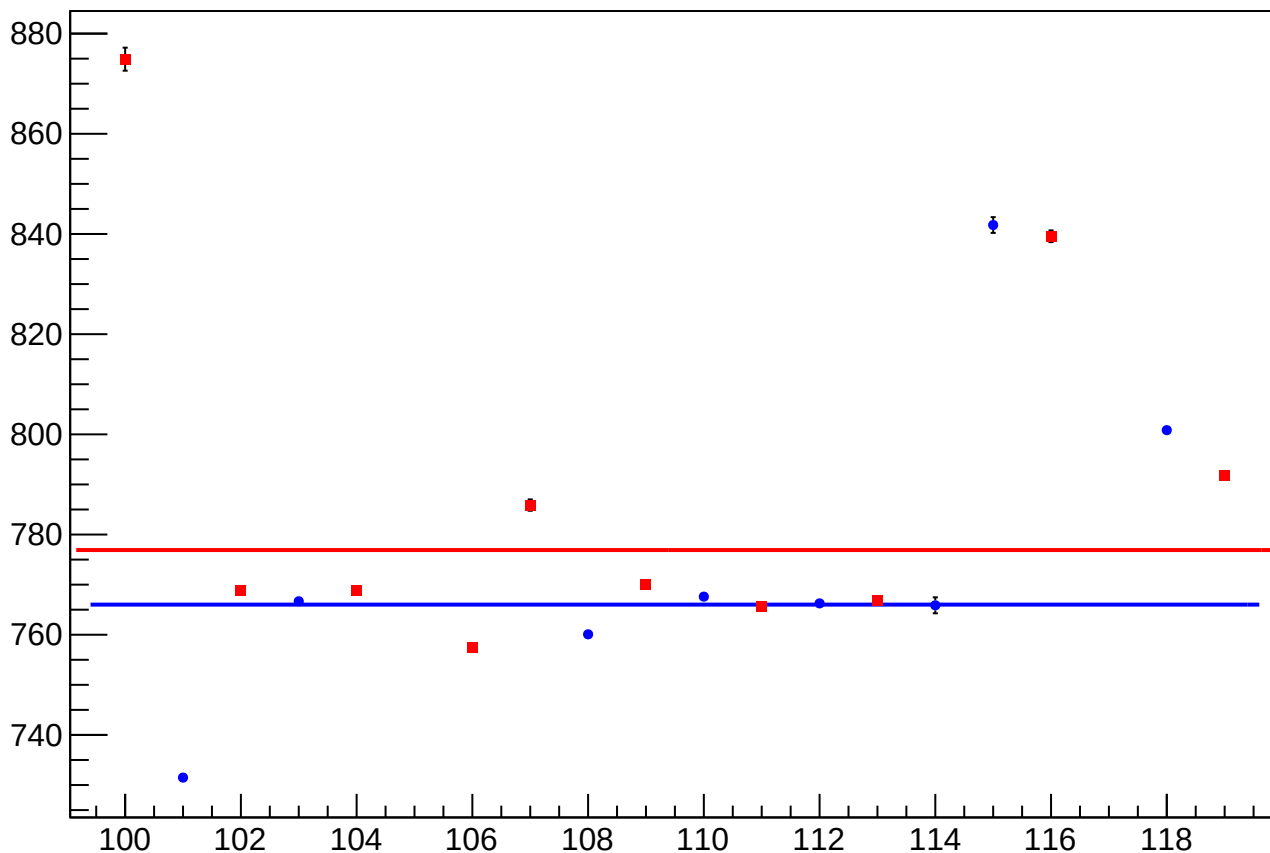
Right: 33.117 $\pm$ 282.625 χ^2 /NDF: 11.3/17

In: -479.962 $\pm$ 419.774 χ^2 /NDF:2.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.117 $\pm$ 282.625 χ^2 /NDF: 11.3/17

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.015 $\pm$ 0.297 χ^2/NDF : 7340.9/7

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

Right Out: 776.909 $\pm$ 0.270 χ^2/NDF : 6308.9/9

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

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

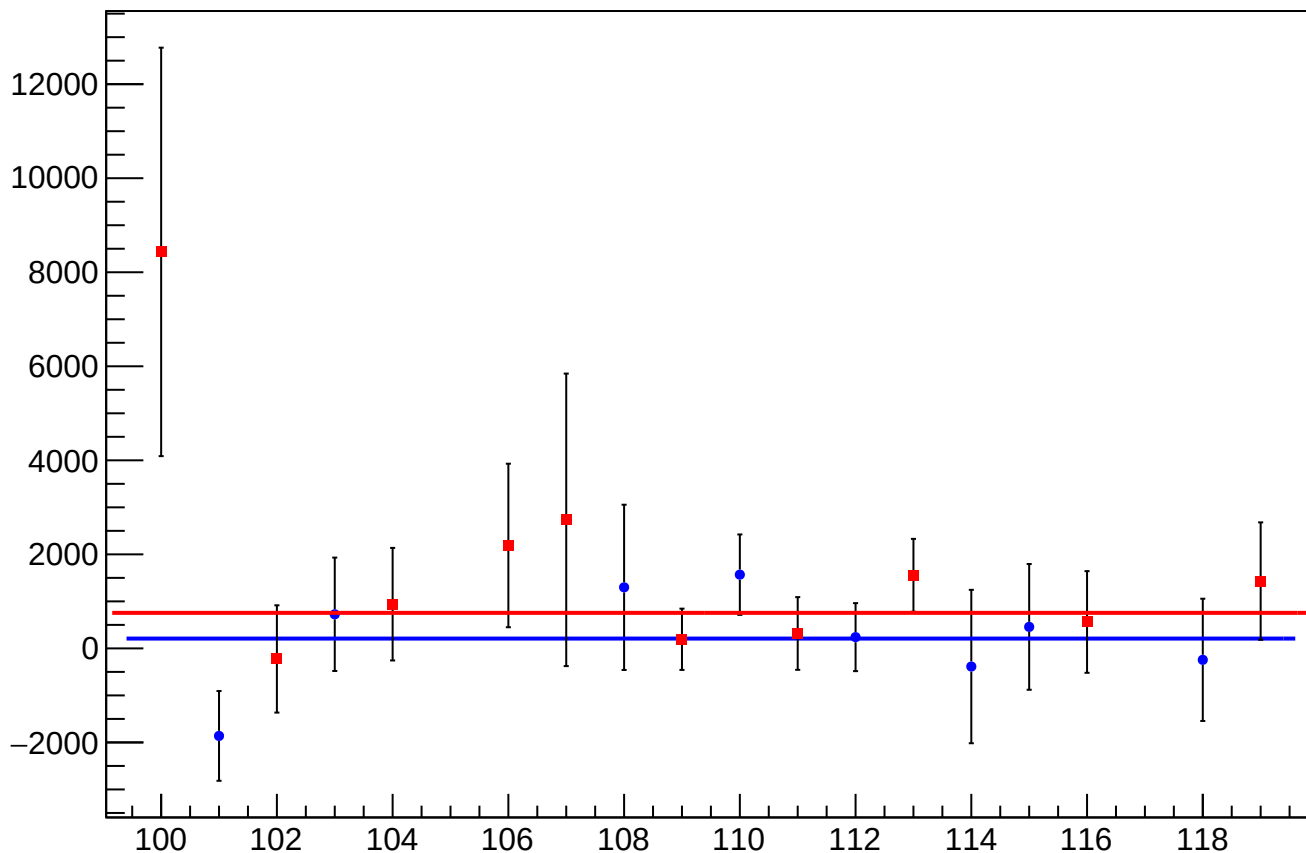
Right: 771.970 $\pm$ 0.200 χ^2/NDF : 14386.2/17

In: 766.015 $\pm$ 0.297 χ^2/NDF : 7340.9/7

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

All: 771.970 $\pm$ 0.200 χ^2/NDF : 14386.2/17

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 209.002 $\pm$ 380.272 χ^2 /NDF: 8.1/7

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

Right Out: 755.742 $\pm$ 330.735 χ^2 /NDF: 7.4/9

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

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

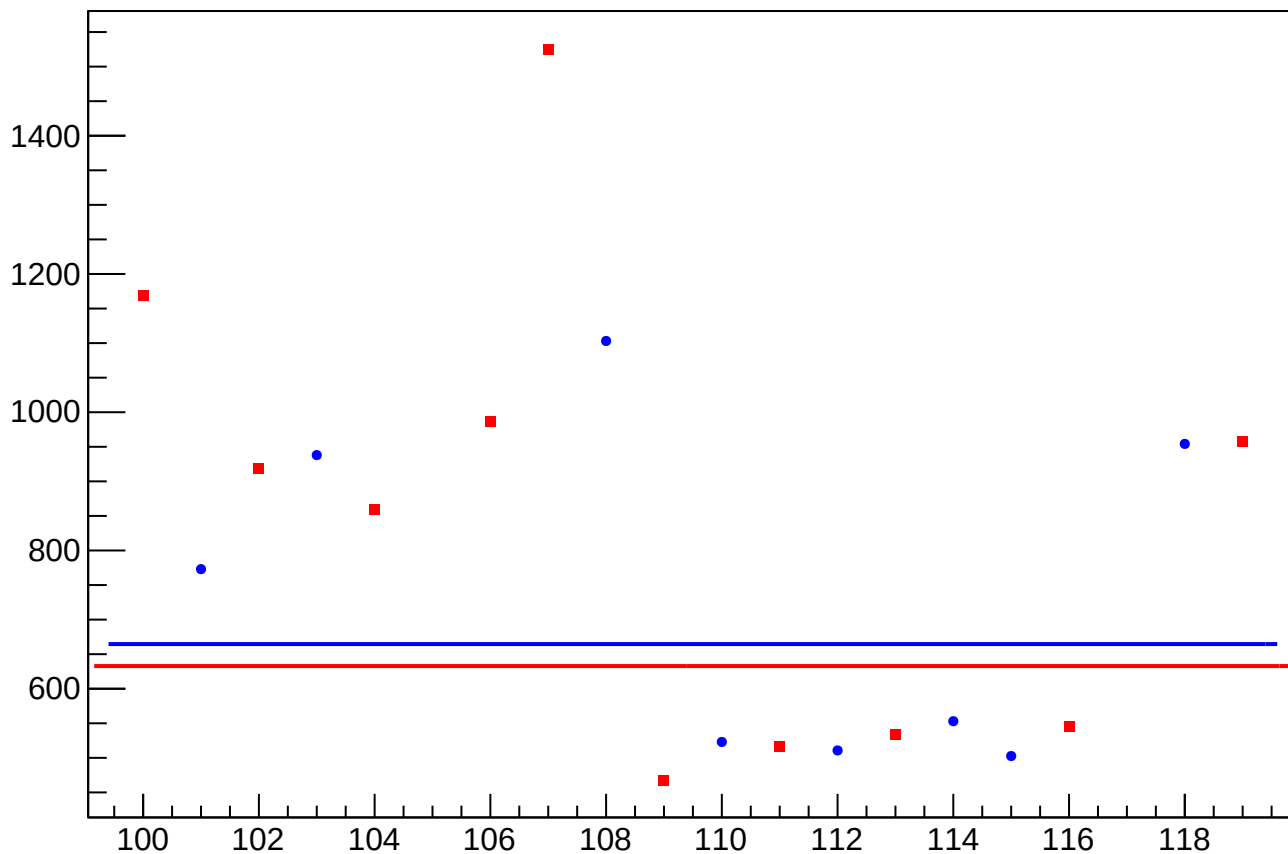
Right: 520.280 $\pm$ 249.554 χ^2 /NDF: 16.7/17

In: 209.002 $\pm$ 380.272 χ^2 /NDF:8.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 520.280 $\pm$ 249.554 χ^2 /NDF: 16.7/17

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

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

Right Out: 632.788+/-0.234 χ^2/NDF : 831401.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

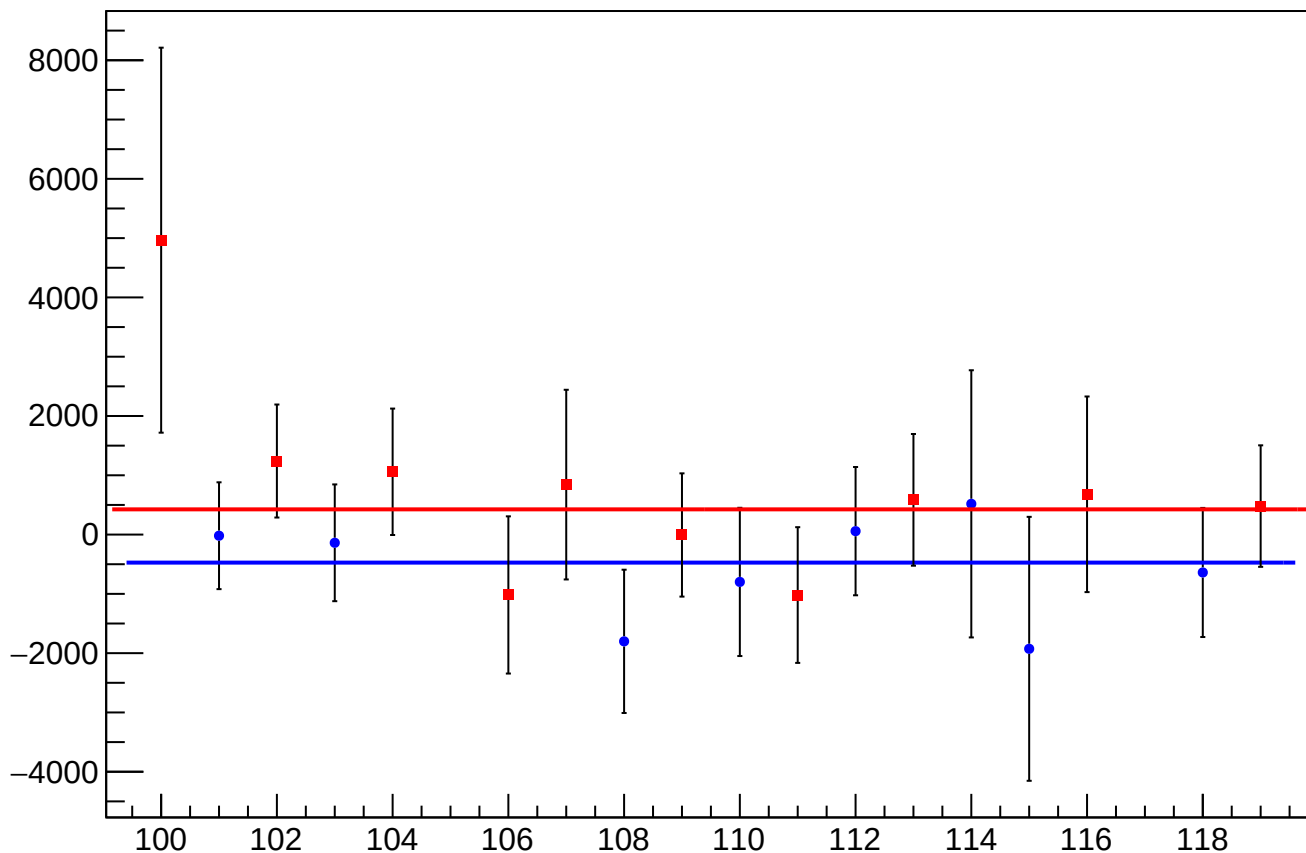
Right: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -472.733+/-419.388 χ^2/NDF : 2.5/7

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

Right Out: 425.373+/-381.932 χ^2/NDF : 6.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

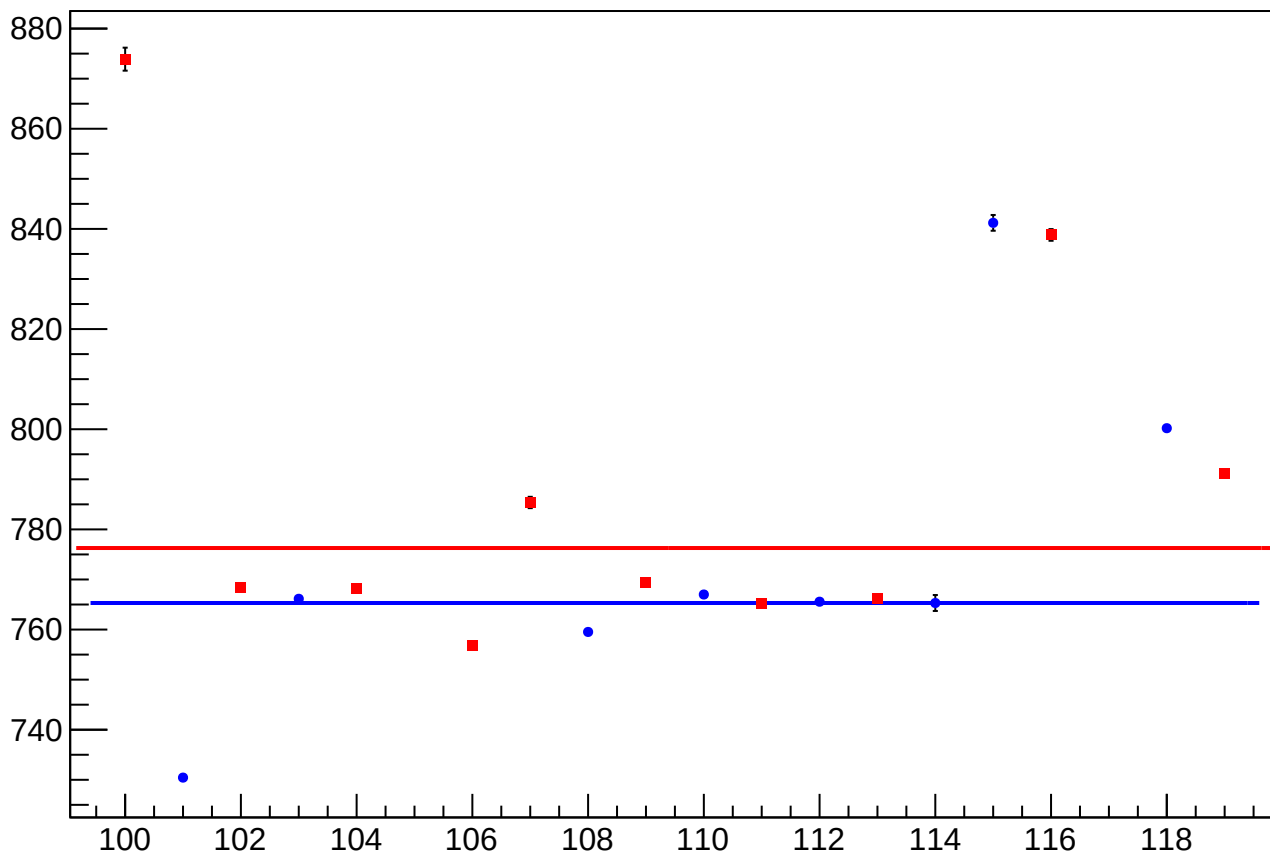
Right: 18.208+/-282.382 χ^2/NDF : 11.1/17

In: -472.733+/-419.388 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.208+/-282.382 χ^2/NDF : 11.1/17

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 765.305+/-0.297 χ^2/NDF : 7428.5/7

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

Right Out: 776.282+/-0.270 χ^2/NDF : 6291.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

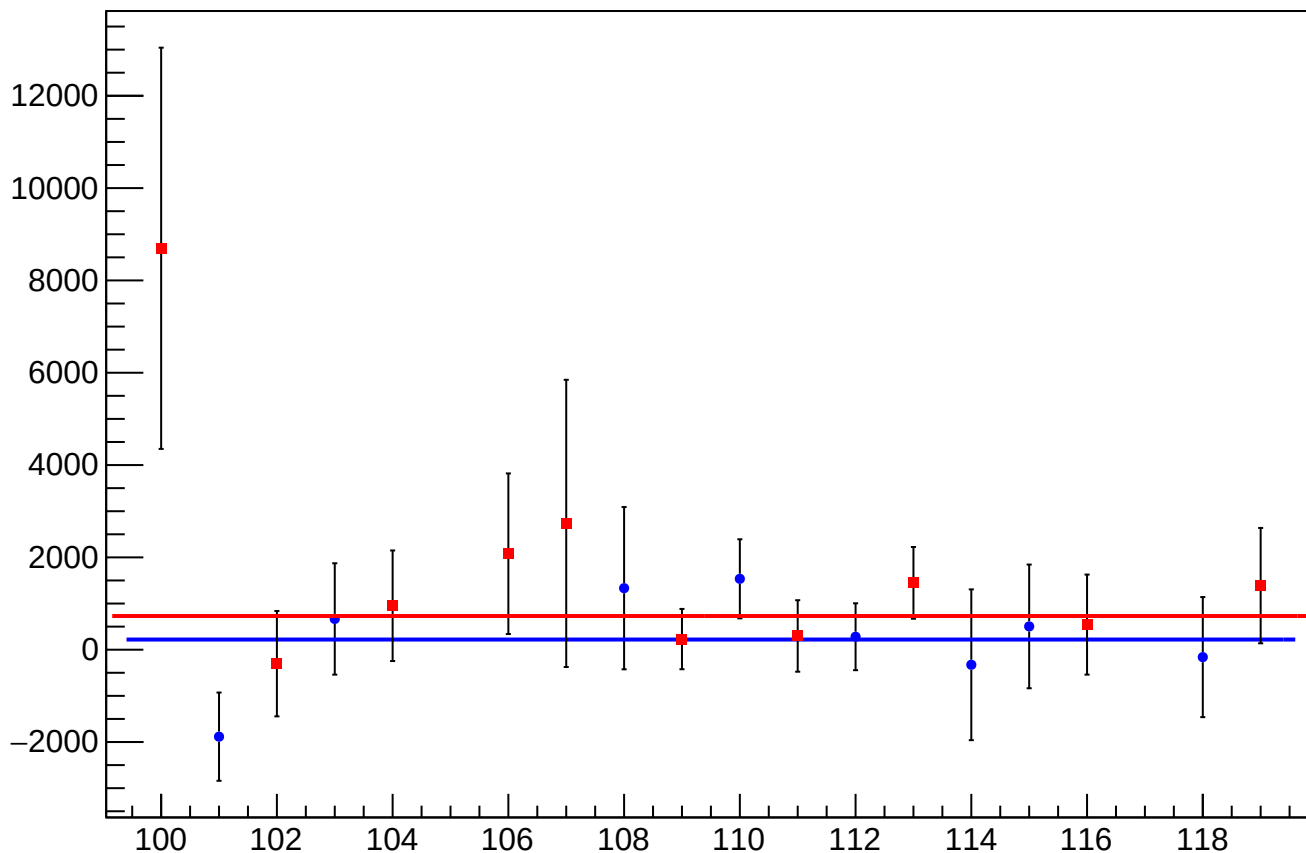
Right: 771.306+/-0.200 χ^2/NDF : 14469.2/17

In: 765.305+/-0.297 χ^2/NDF :7428.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 771.306+/-0.200 χ^2/NDF : 14469.2/17

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 220.055+/-380.830 χ^2/NDF : 8.0/7

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

Right Out: 729.796+/-331.265 χ^2/NDF : 7.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

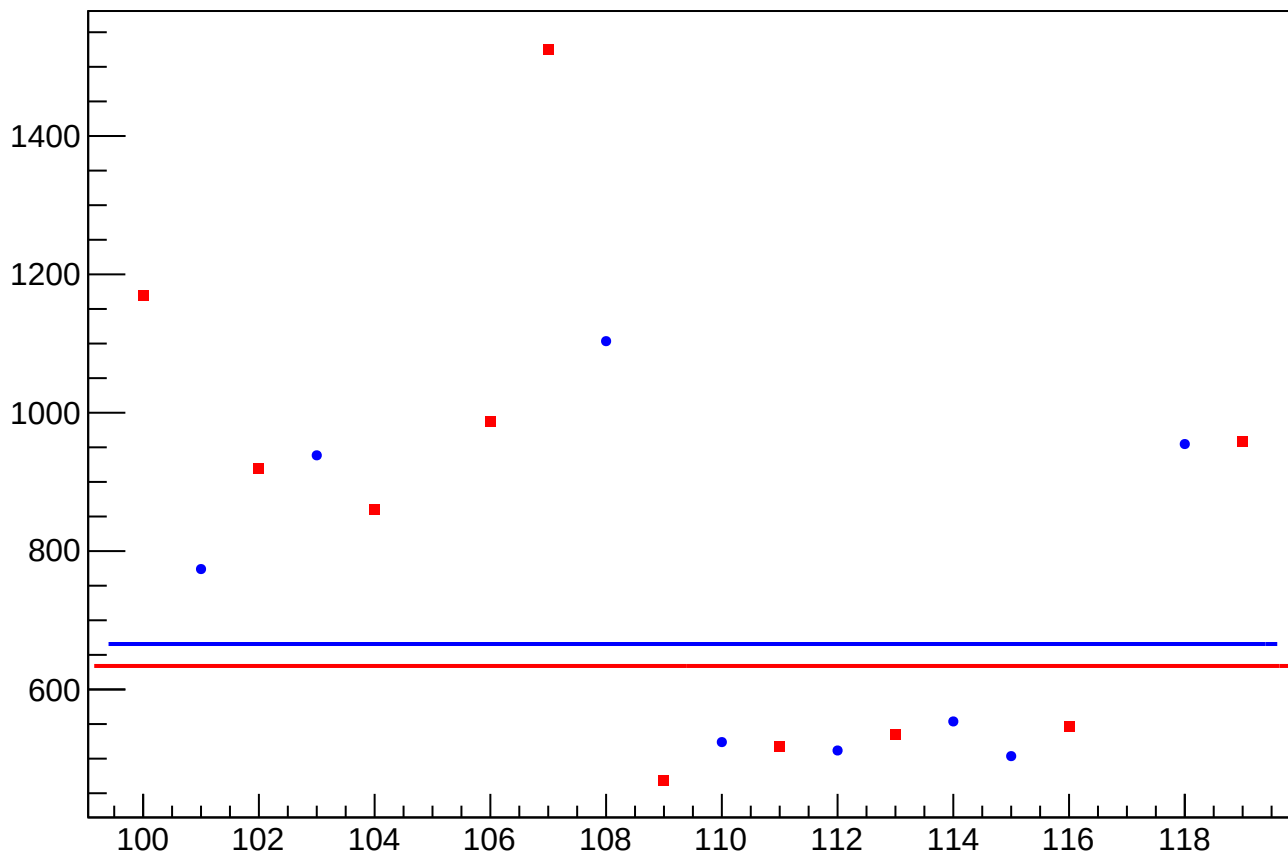
Right: 510.234+/-249.939 χ^2/NDF : 16.3/17

In: 220.055+/-380.830 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.234+/-249.939 χ^2/NDF : 16.3/17

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 665.708+/-0.269 χ^2/NDF : 534348.8/7

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

Right Out: 633.965+/-0.234 χ^2/NDF : 828127.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

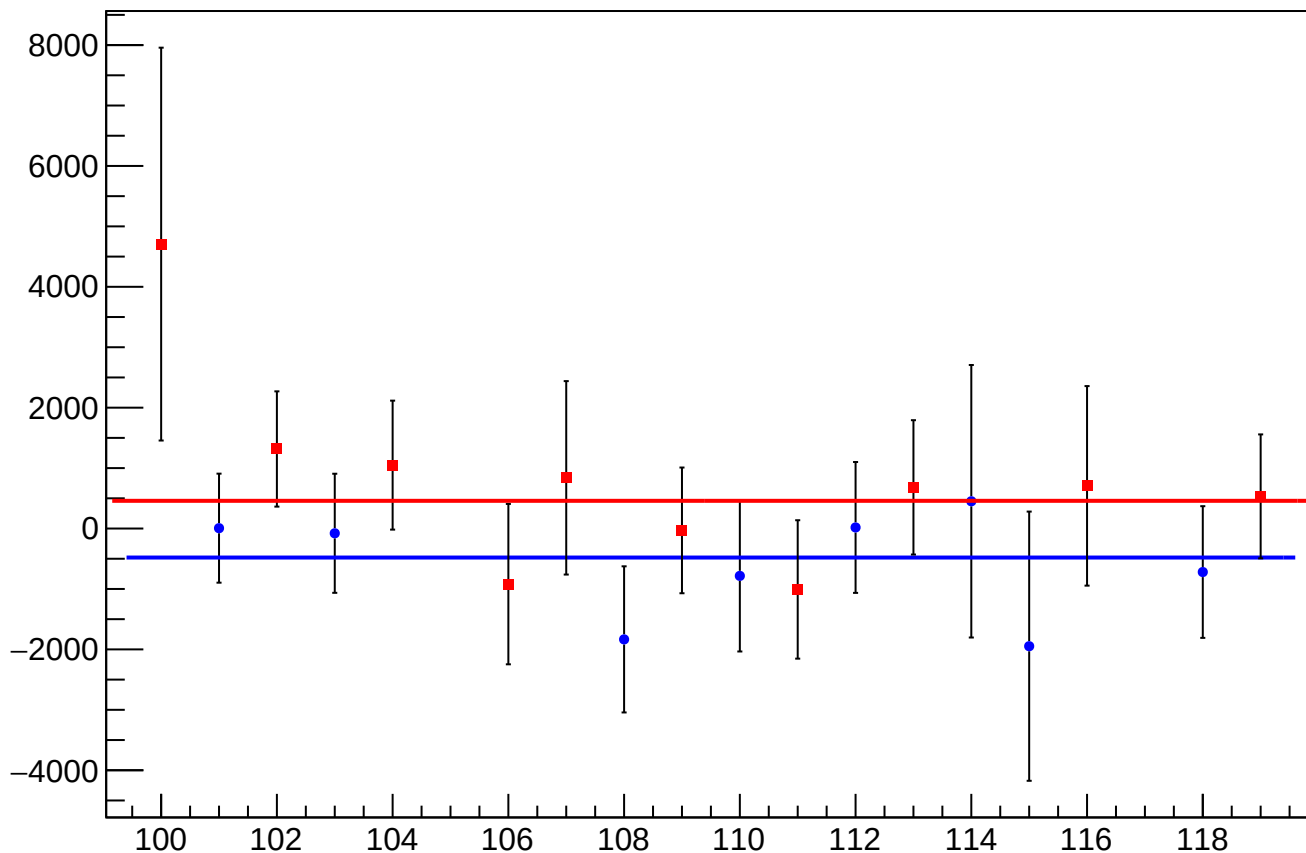
Right: 647.638+/-0.177 χ^2/NDF : 1370387.0/17

In: 665.708+/-0.269 χ^2/NDF : 534348.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 647.638+/-0.177 χ^2/NDF : 1370387.0/17

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -479.962 $\pm$ 419.774 χ^2 /NDF: 2.6/7

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

Right Out: 458.548 $\pm$ 382.241 χ^2 /NDF: 5.9/9

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

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

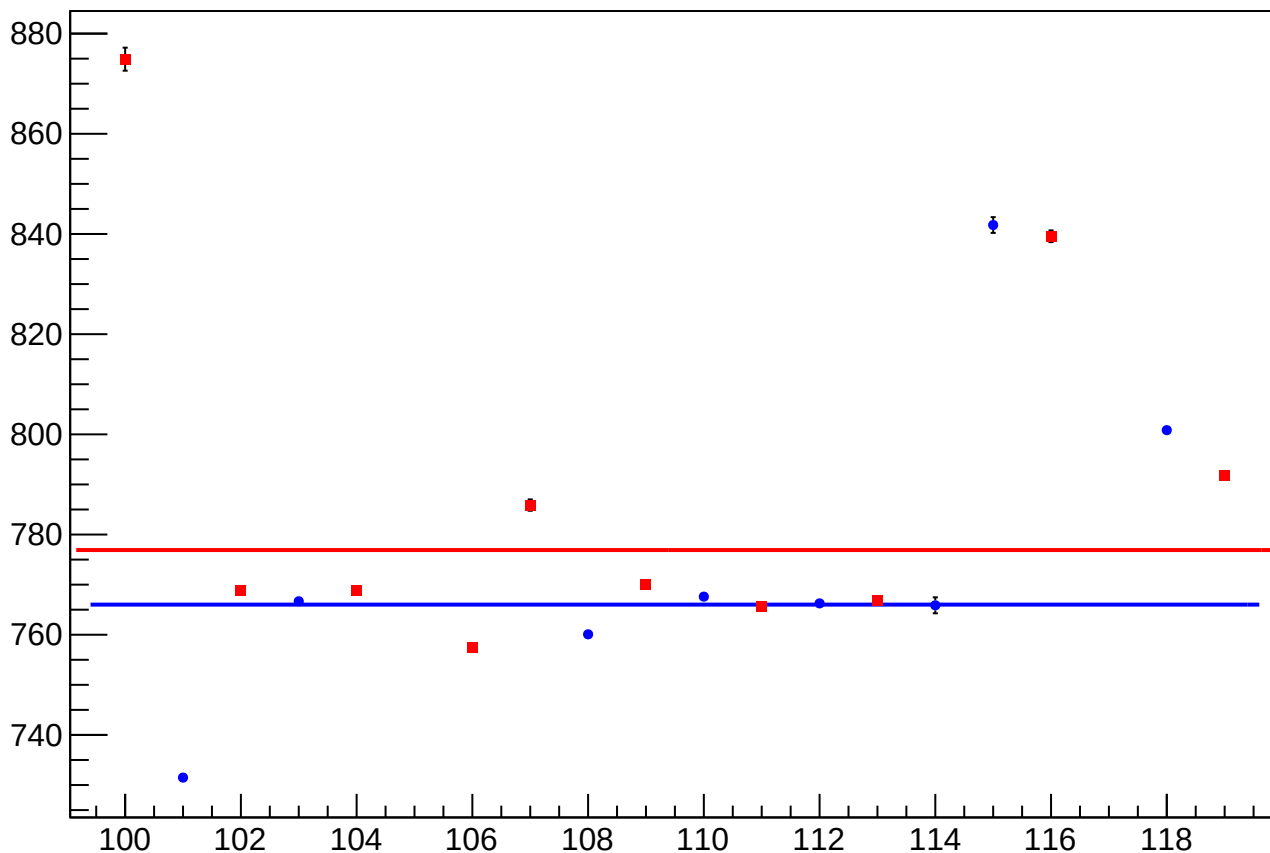
Right: 33.117 $\pm$ 282.625 χ^2 /NDF: 11.3/17

In: -479.962 $\pm$ 419.774 χ^2 /NDF:2.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.117 $\pm$ 282.625 χ^2 /NDF: 11.3/17

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.015+/-0.297 χ^2/NDF : 7340.9/7

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

Right Out: 776.909+/-0.270 χ^2/NDF : 6308.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

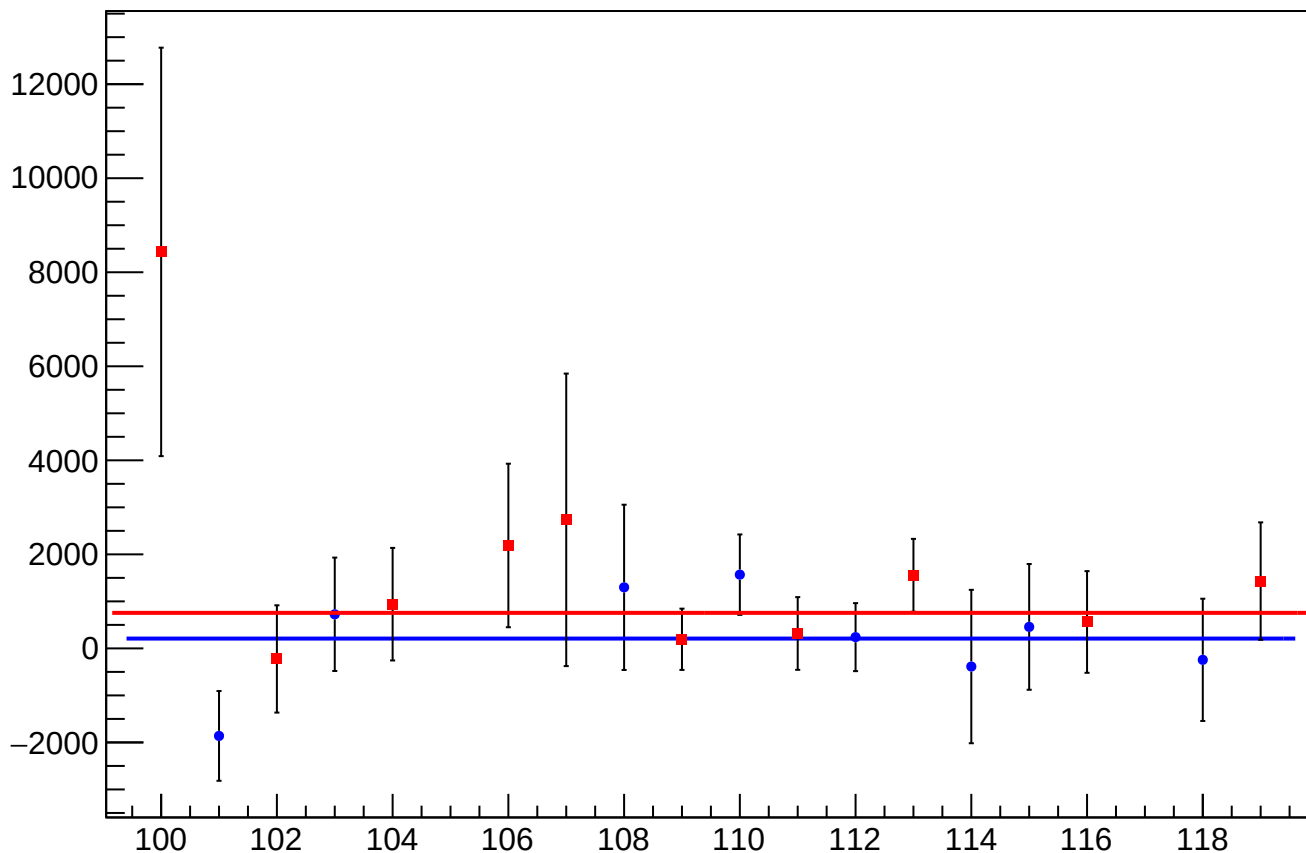
Right: 771.970+/-0.200 χ^2/NDF : 14386.2/17

In: 766.015+/-0.297 χ^2/NDF : 7340.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.970+/-0.200 χ^2/NDF : 14386.2/17

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 209.002 $\pm$ 380.272 χ^2 /NDF: 8.1/7

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

Right Out: 755.742 $\pm$ 330.735 χ^2 /NDF: 7.4/9

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

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

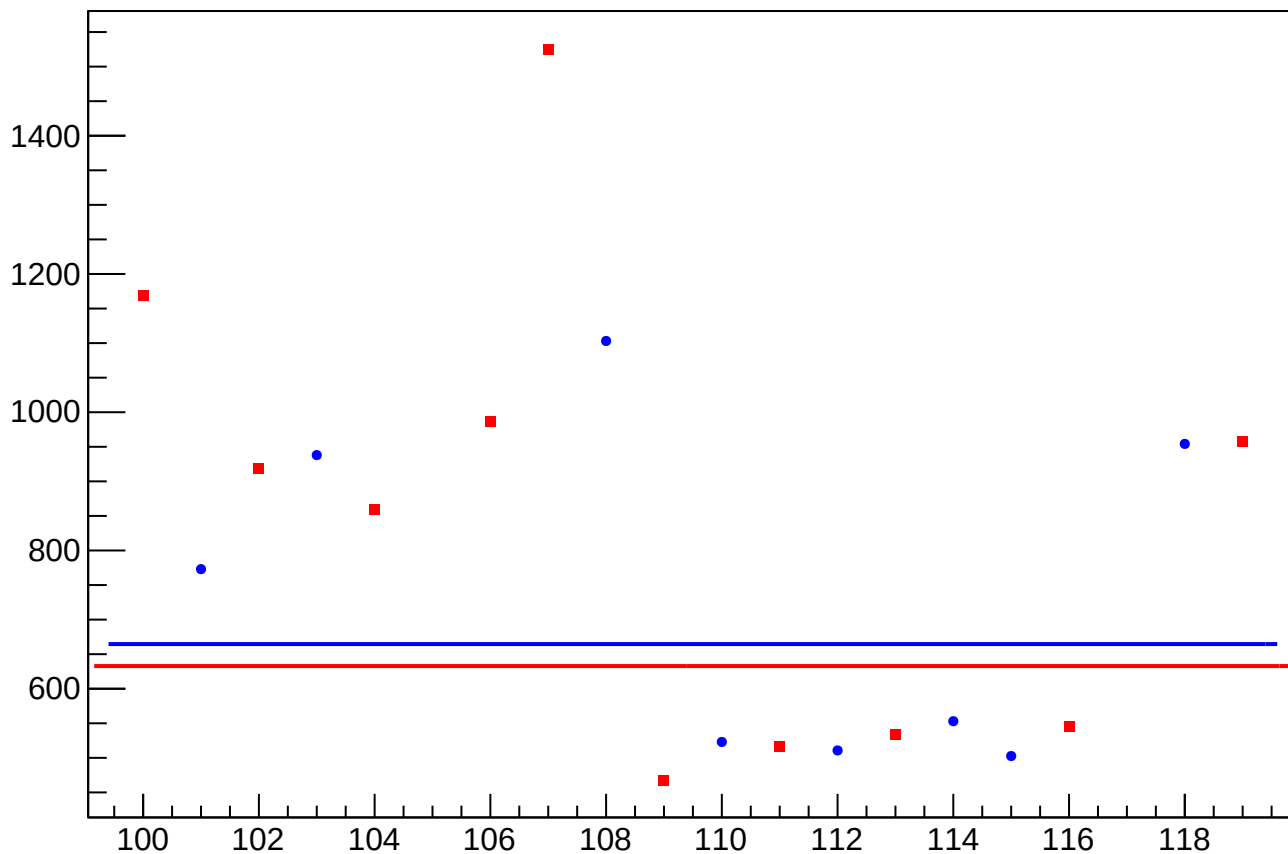
Right: 520.280 $\pm$ 249.554 χ^2 /NDF: 16.7/17

In: 209.002 $\pm$ 380.272 χ^2 /NDF:8.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 520.280 $\pm$ 249.554 χ^2 /NDF: 16.7/17

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

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

Right Out: 632.788+/-0.234 χ^2/NDF : 831401.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

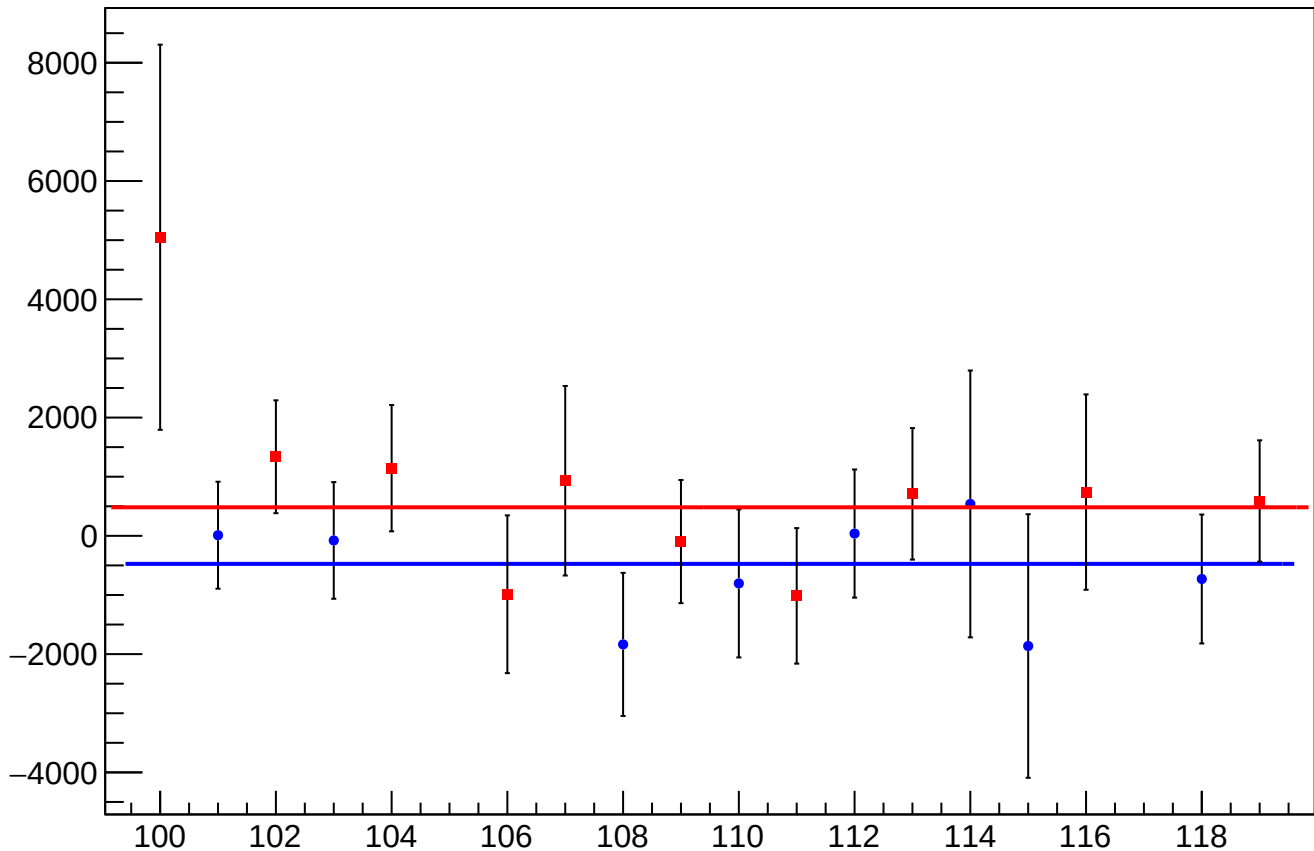
Right: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

In: 664.611+/-0.269 χ^2/NDF : 536462.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 646.493+/-0.176 χ^2/NDF : 1375839.0/17

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -473.966+/-420.216 χ^2/NDF : 2.7/7

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

Right Out: 482.883+/-382.671 χ^2/NDF : 6.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

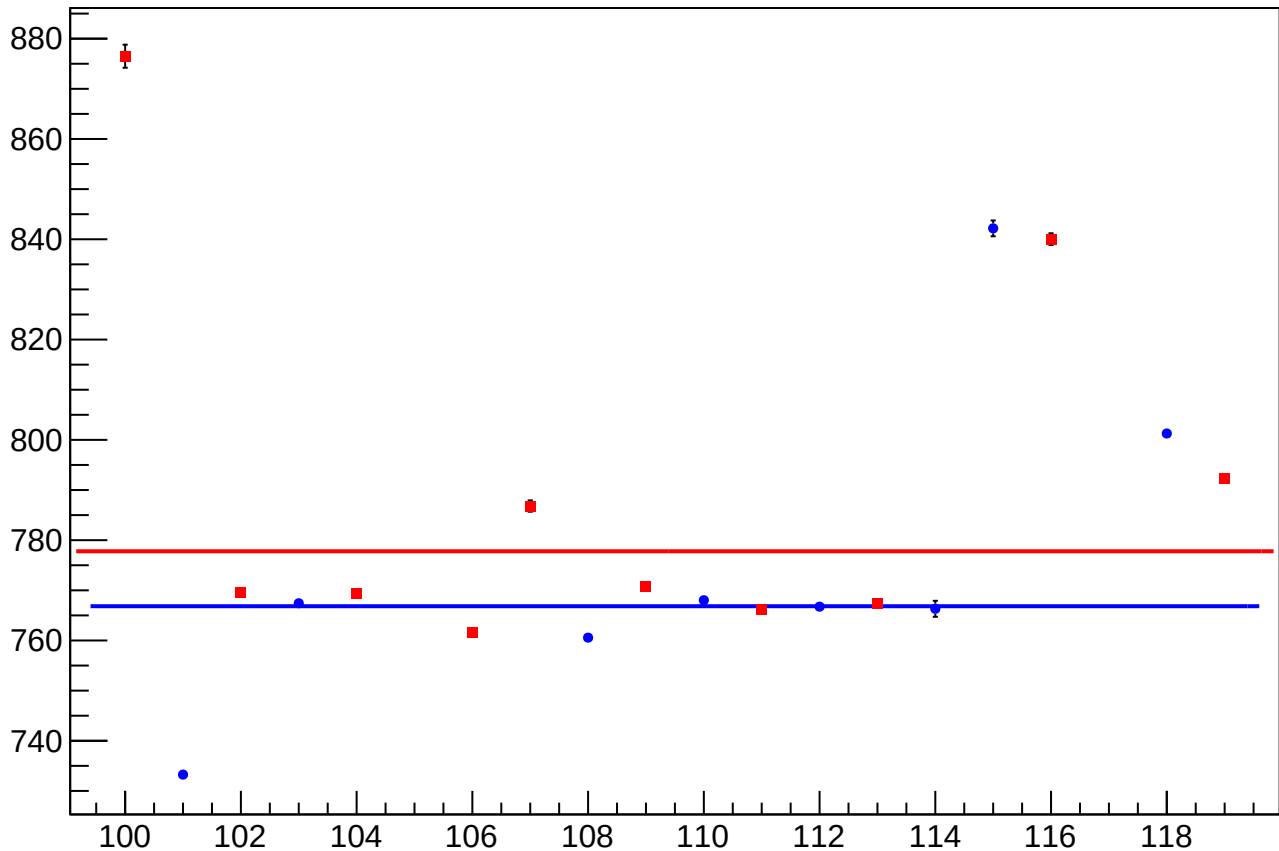
Right: 49.105+/-282.934 χ^2/NDF : 12.0/17

In: -473.966+/-420.216 χ^2/NDF : 2.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.105+/-282.934 χ^2/NDF : 12.0/17

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.833+/-0.297 χ^2/NDF : 7095.5/7

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

Right Out: 777.789+/-0.271 χ^2/NDF : 6186.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

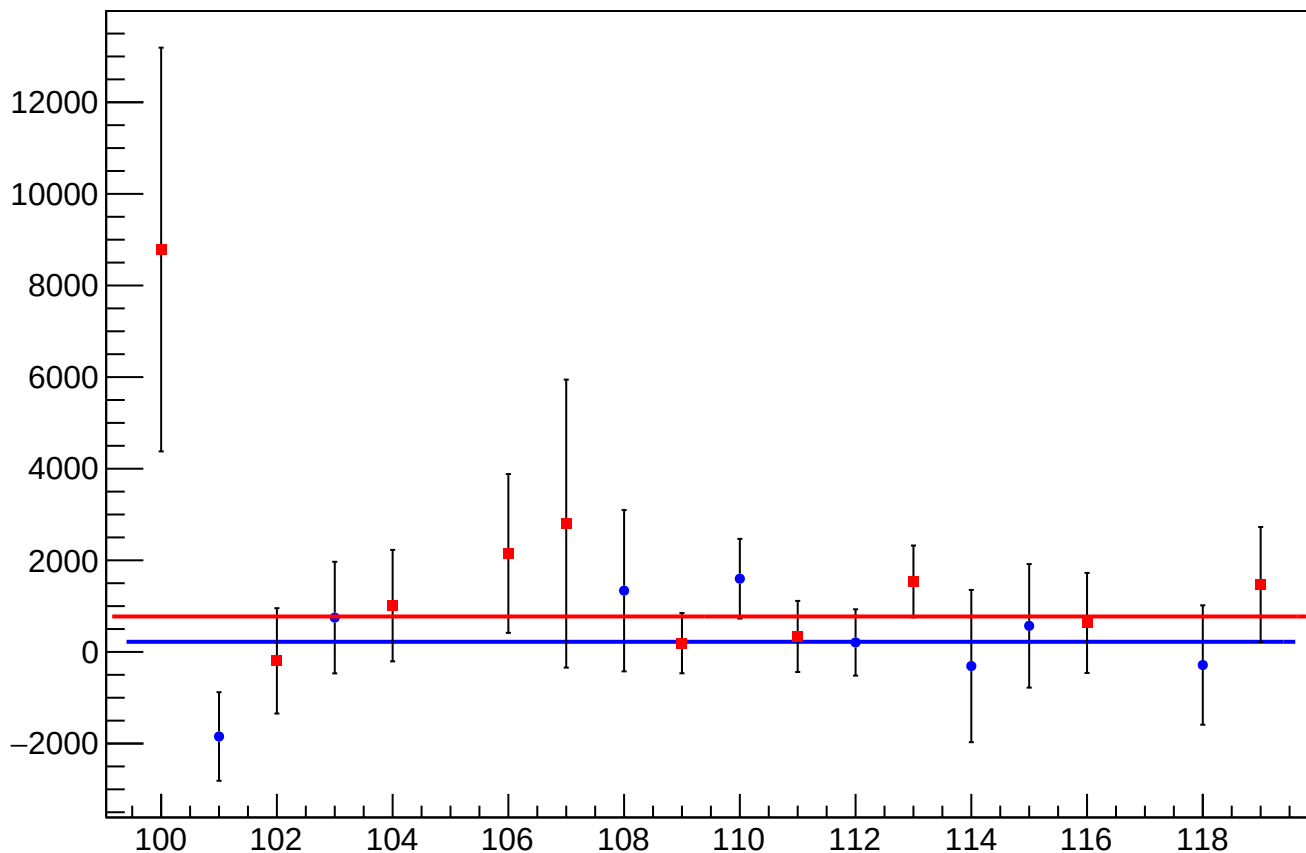
Right: 772.822+/-0.200 χ^2/NDF : 14025.3/17

In: 766.833+/-0.297 χ^2/NDF : 7095.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.822+/-0.200 χ^2/NDF : 14025.3/17

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.331+/-383.578 χ^2/NDF : 8.0/7

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

Right Out: 774.011+/-333.482 χ^2/NDF : 7.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

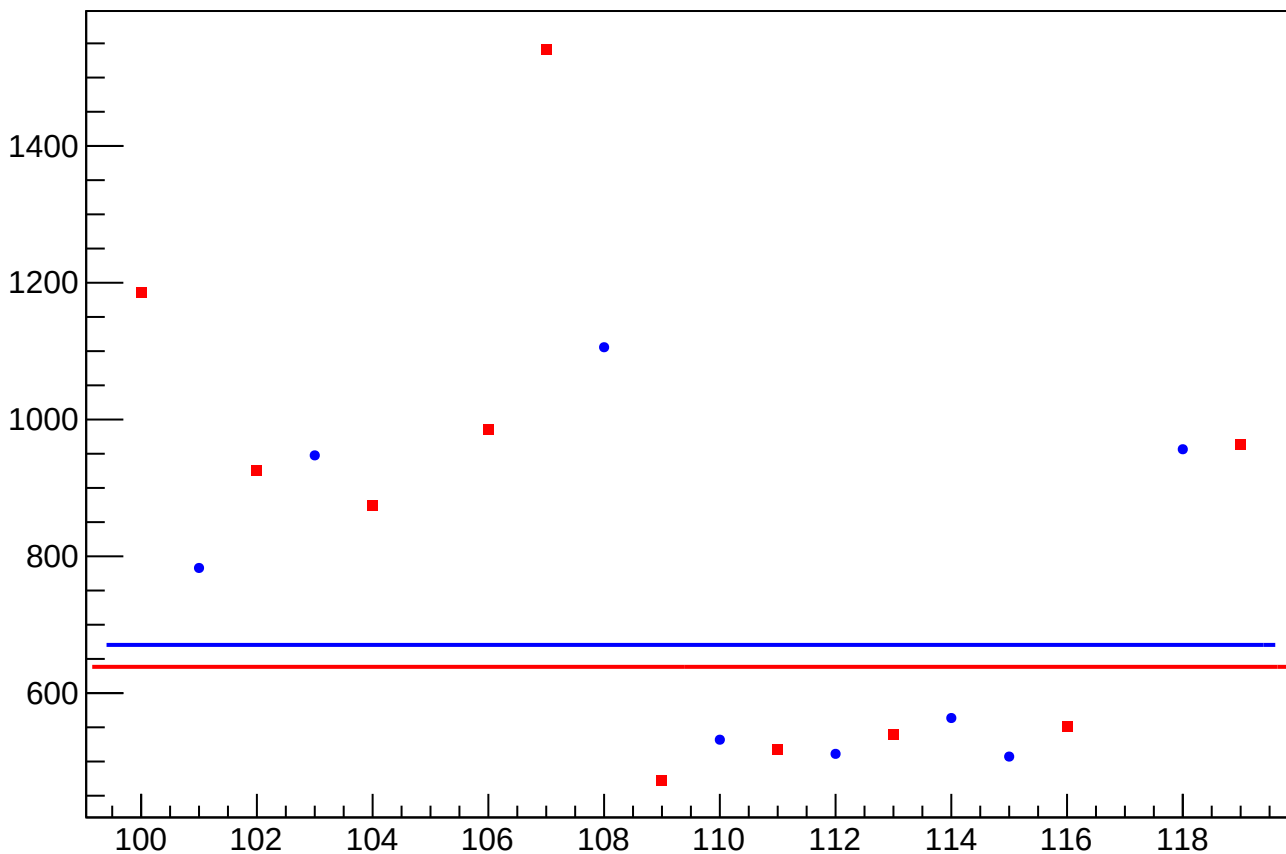
Right: 536.095+/-251.668 χ^2/NDF : 16.7/17

In: 221.331+/-383.578 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.095+/-251.668 χ^2/NDF : 16.7/17

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 670.493+/-0.271 χ^2/NDF : 534266.5/7

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

Right Out: 638.421+/-0.236 χ^2/NDF : 831092.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

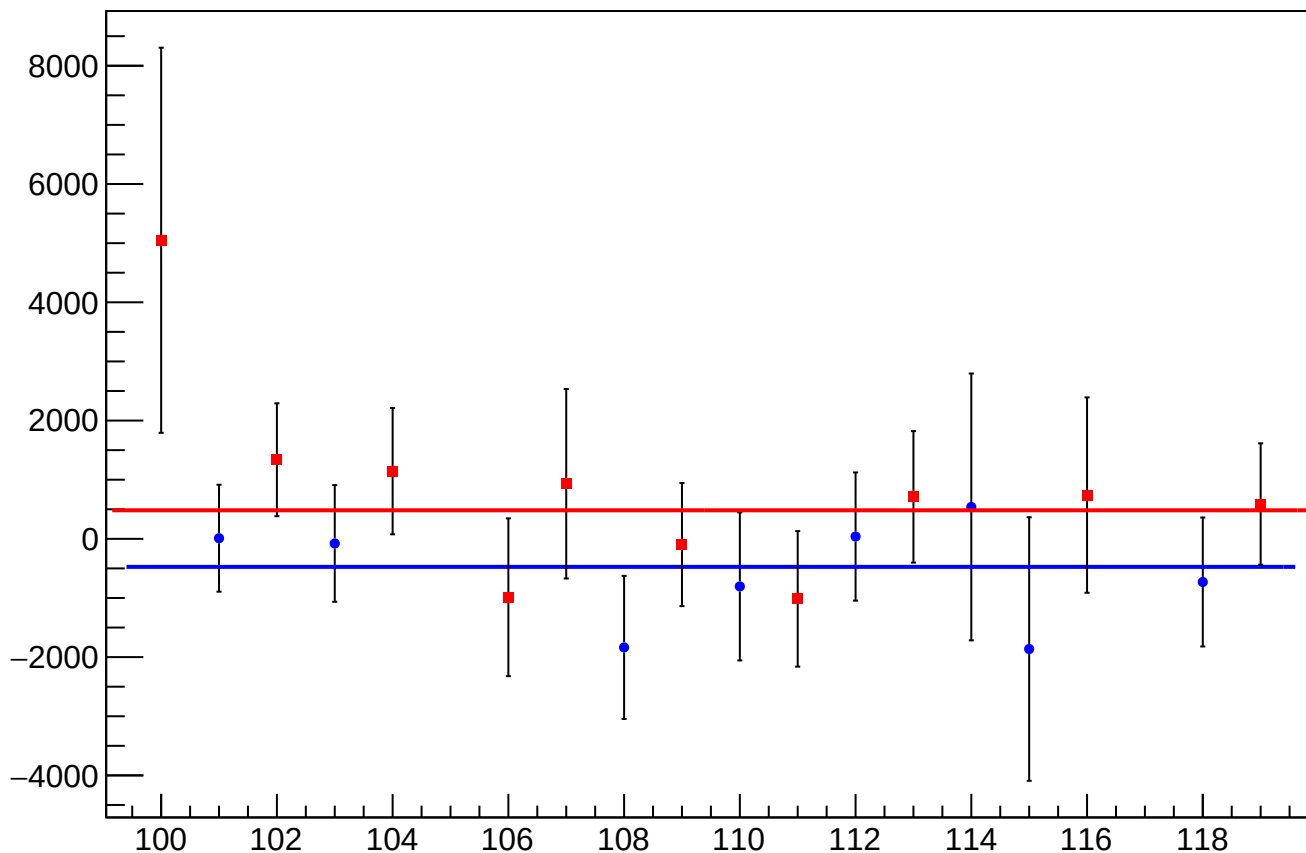
Right: 652.227+/-0.178 χ^2/NDF : 1373321.8/17

In: 670.493+/-0.271 χ^2/NDF : 534266.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.227+/-0.178 χ^2/NDF : 1373321.8/17

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -473.968+/-420.216 χ^2/NDF : 2.7/7

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

Right Out: 482.879+/-382.671 χ^2/NDF : 6.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

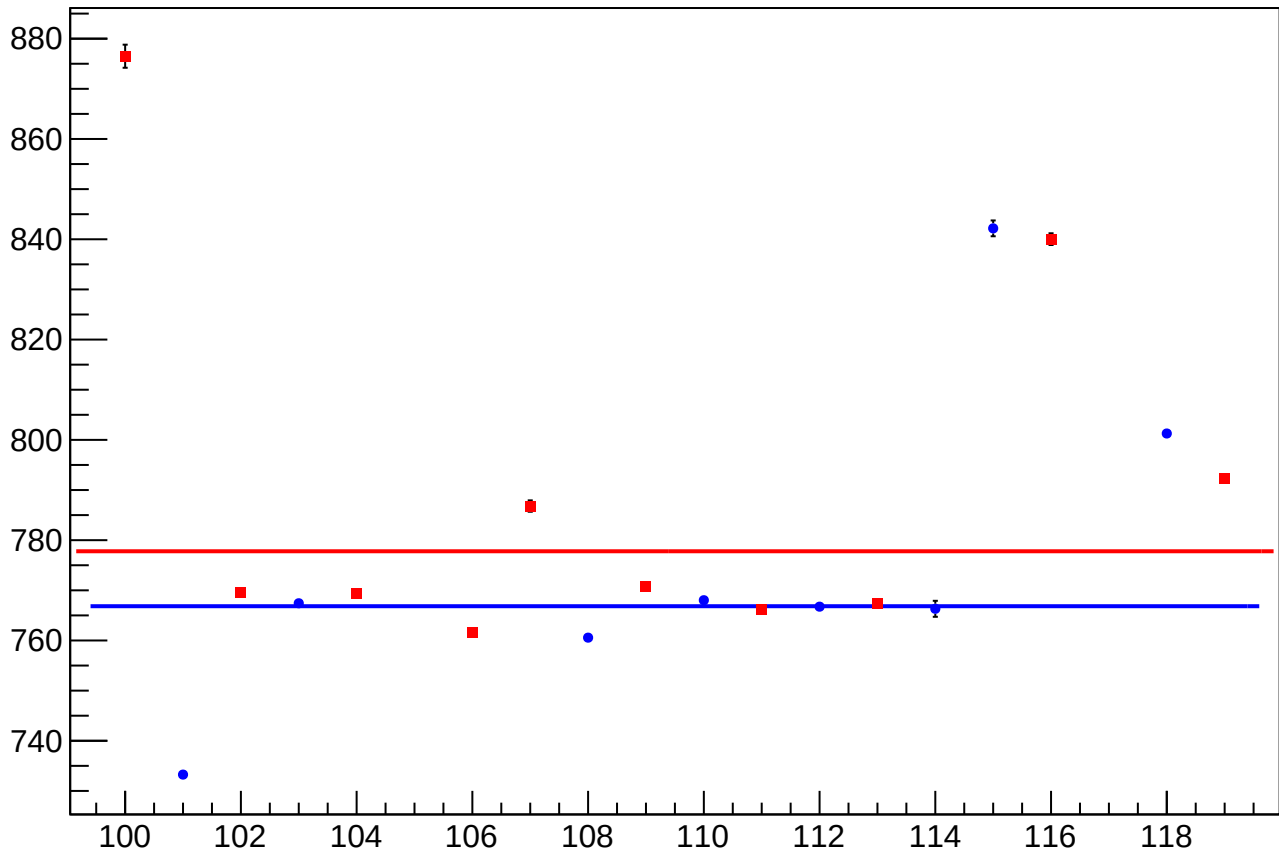
Right: 49.102+/-282.934 χ^2/NDF : 12.0/17

In: -473.968+/-420.216 χ^2/NDF : 2.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.102+/-282.934 χ^2/NDF : 12.0/17

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 766.833+/-0.297 χ^2/NDF : 7095.5/7

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

Right Out: 777.789+/-0.271 χ^2/NDF : 6186.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

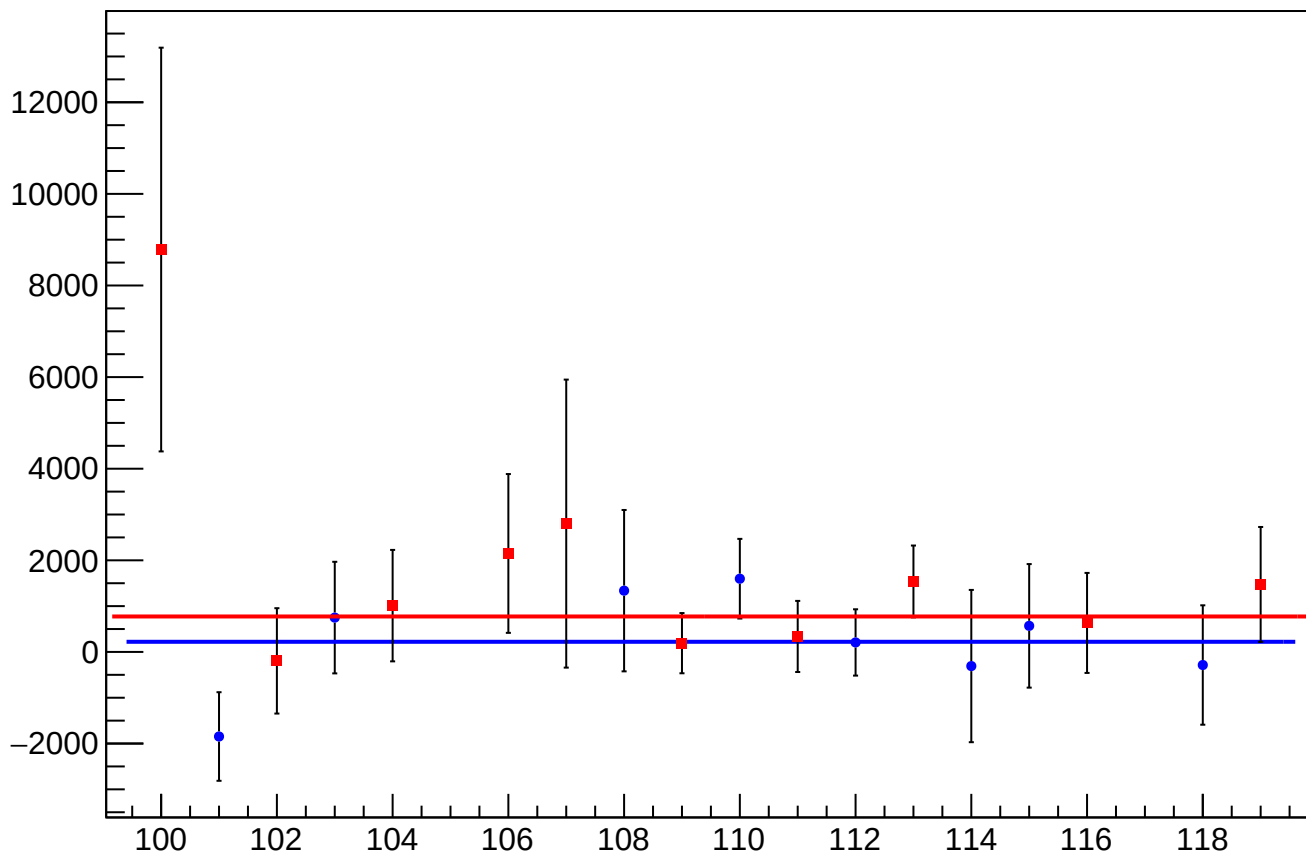
Right: 772.822+/-0.200 χ^2/NDF : 14025.3/17

In: 766.833+/-0.297 χ^2/NDF : 7095.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.822+/-0.200 χ^2/NDF : 14025.3/17

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 221.331+/-383.575 χ^2/NDF : 8.0/7

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

Right Out: 774.007+/-333.480 χ^2/NDF : 7.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

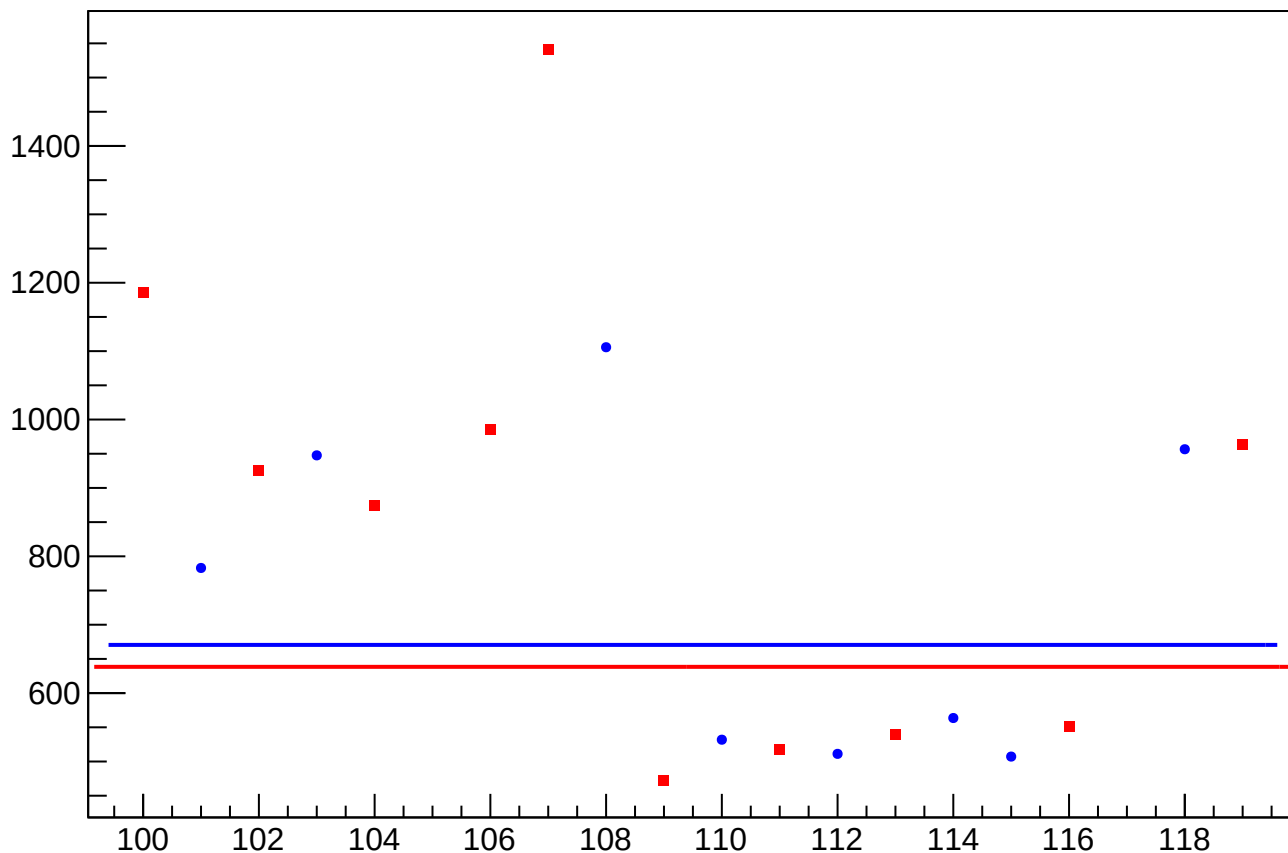
Right: 536.093+/-251.667 χ^2/NDF : 16.7/17

In: 221.331+/-383.575 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 536.093+/-251.667 χ^2/NDF : 16.7/17

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 670.488+/-0.271 χ^2/NDF : 534280.8/7

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

Right Out: 638.417+/-0.236 χ^2/NDF : 831109.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

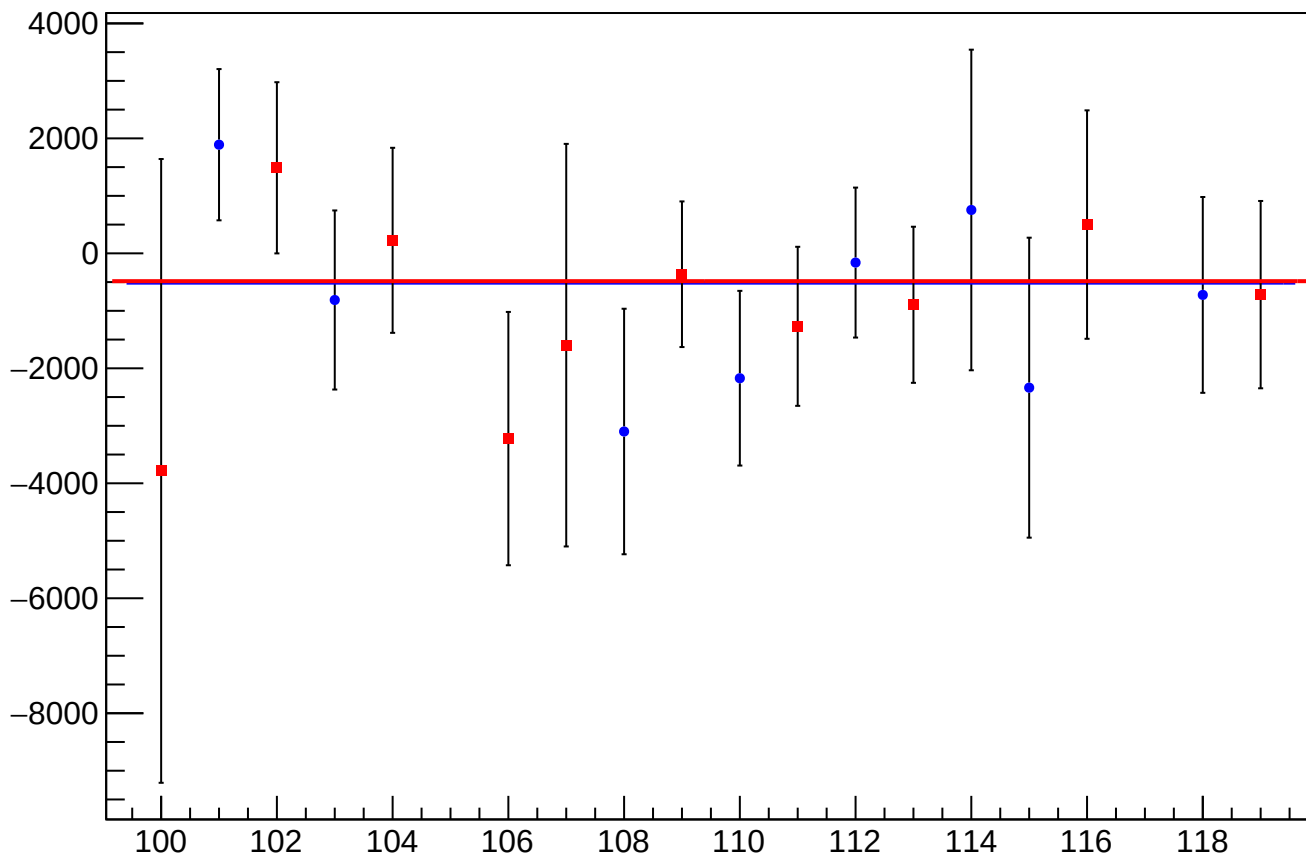
Right: 652.223+/-0.178 χ^2/NDF : 1373352.8/17

In: 670.488+/-0.271 χ^2/NDF : 534280.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.223+/-0.178 χ^2/NDF : 1373352.8/17

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -509.690+/-592.327 χ^2/NDF : 6.8/7

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

Right Out: -484.032+/-536.300 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

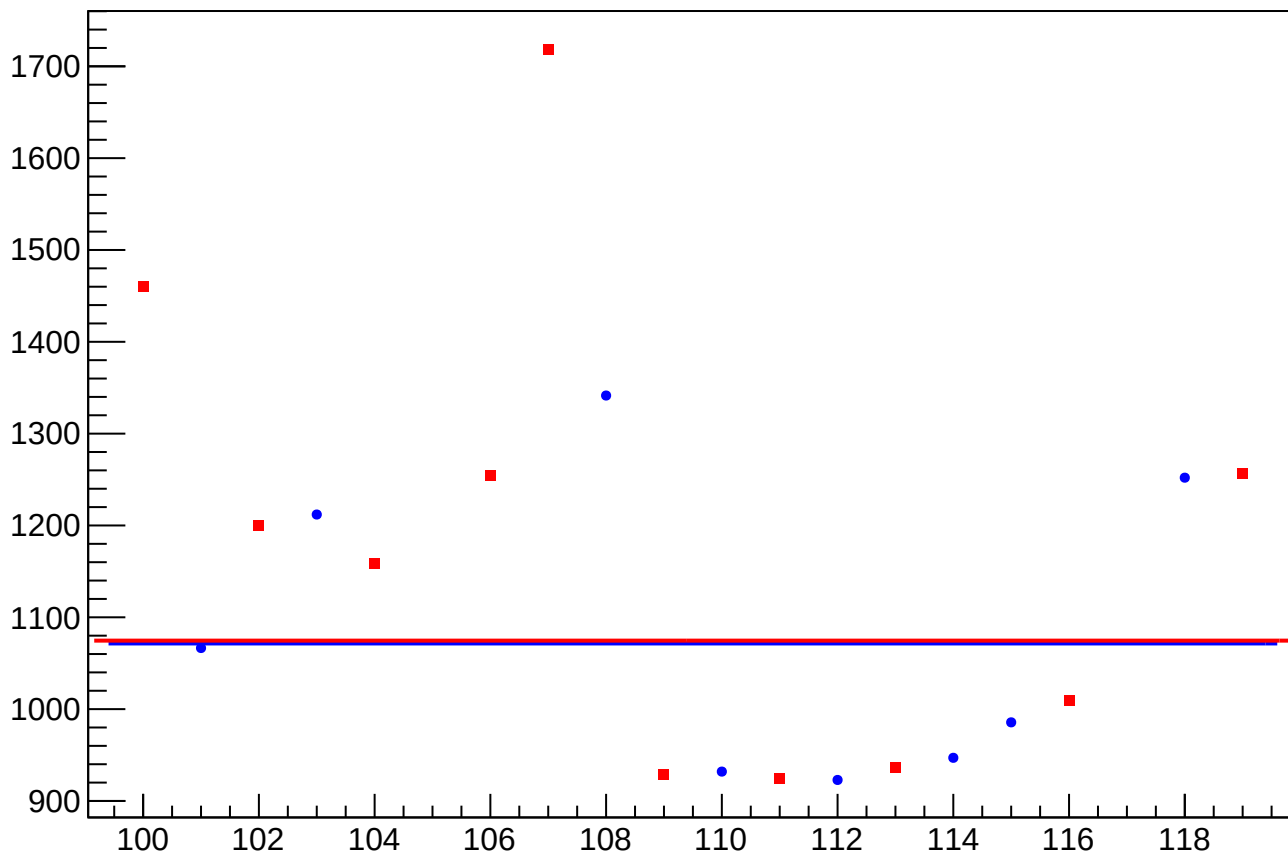
Right: -495.591+/-397.557 χ^2/NDF : 11.5/17

In: -509.690+/-592.327 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.591+/-397.557 χ^2/NDF : 11.5/17

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1071.517+/-0.419 χ^2/NDF : 119709.5/7

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

Right Out: 1074.596+/-0.379 χ^2/NDF : 208151.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

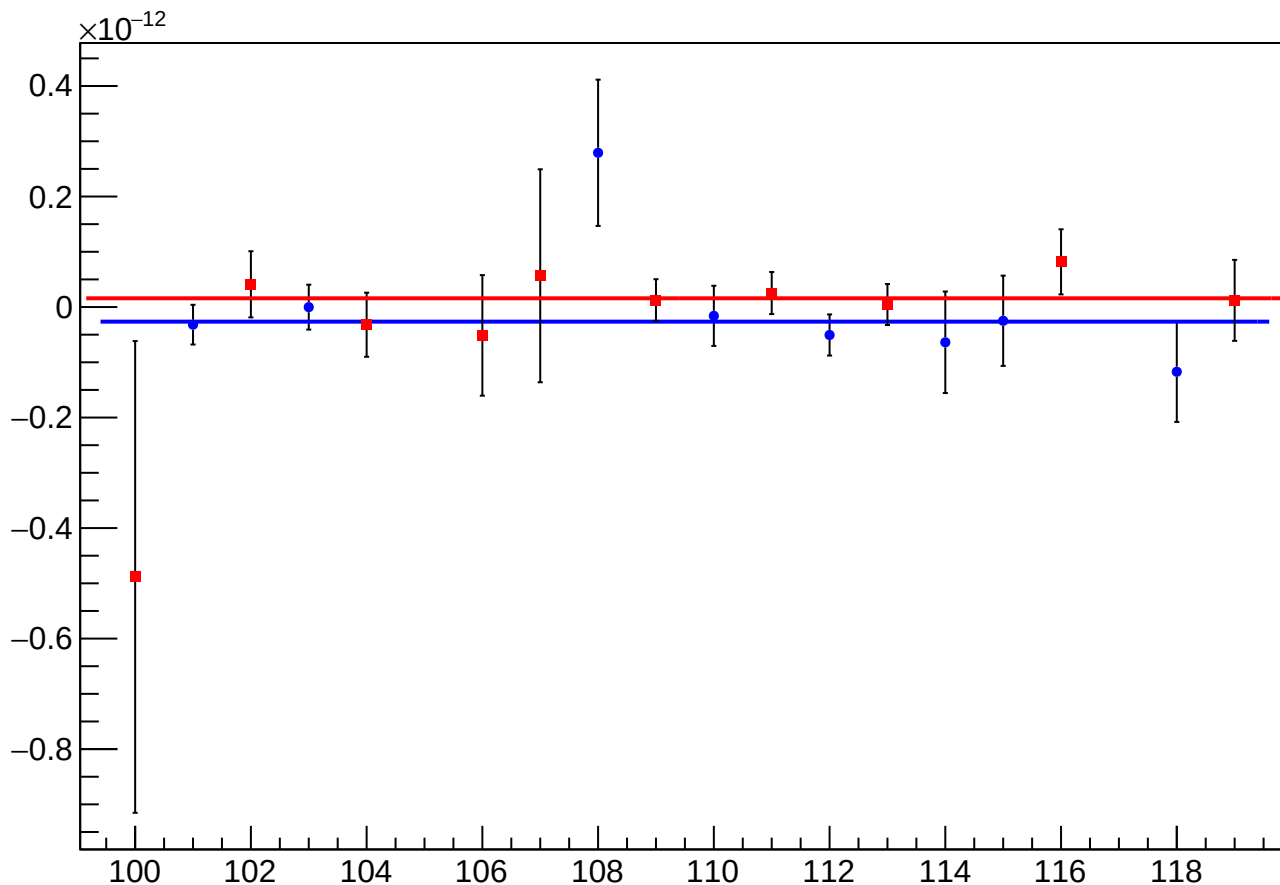
Right: 1073.209+/-0.281 χ^2/NDF : 327890.9/17

In: 1071.517+/-0.419 χ^2/NDF : 119709.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.209+/-0.281 χ^2/NDF : 327890.9/17

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 4.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

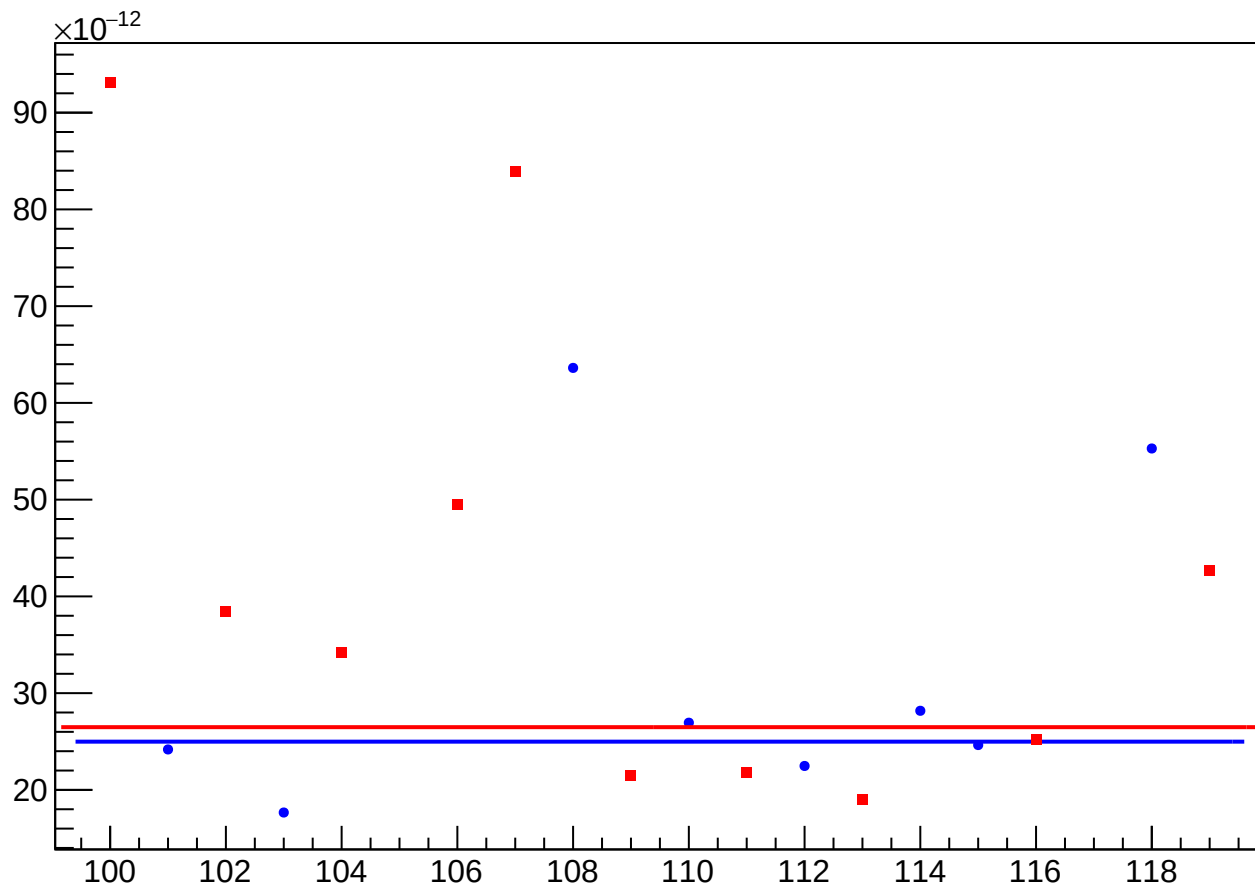
Right: -0.000+/-0.000 χ^2/NDF : 14.2/17

In: -0.000+/-0.000 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/17

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 473404.3/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 672872.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

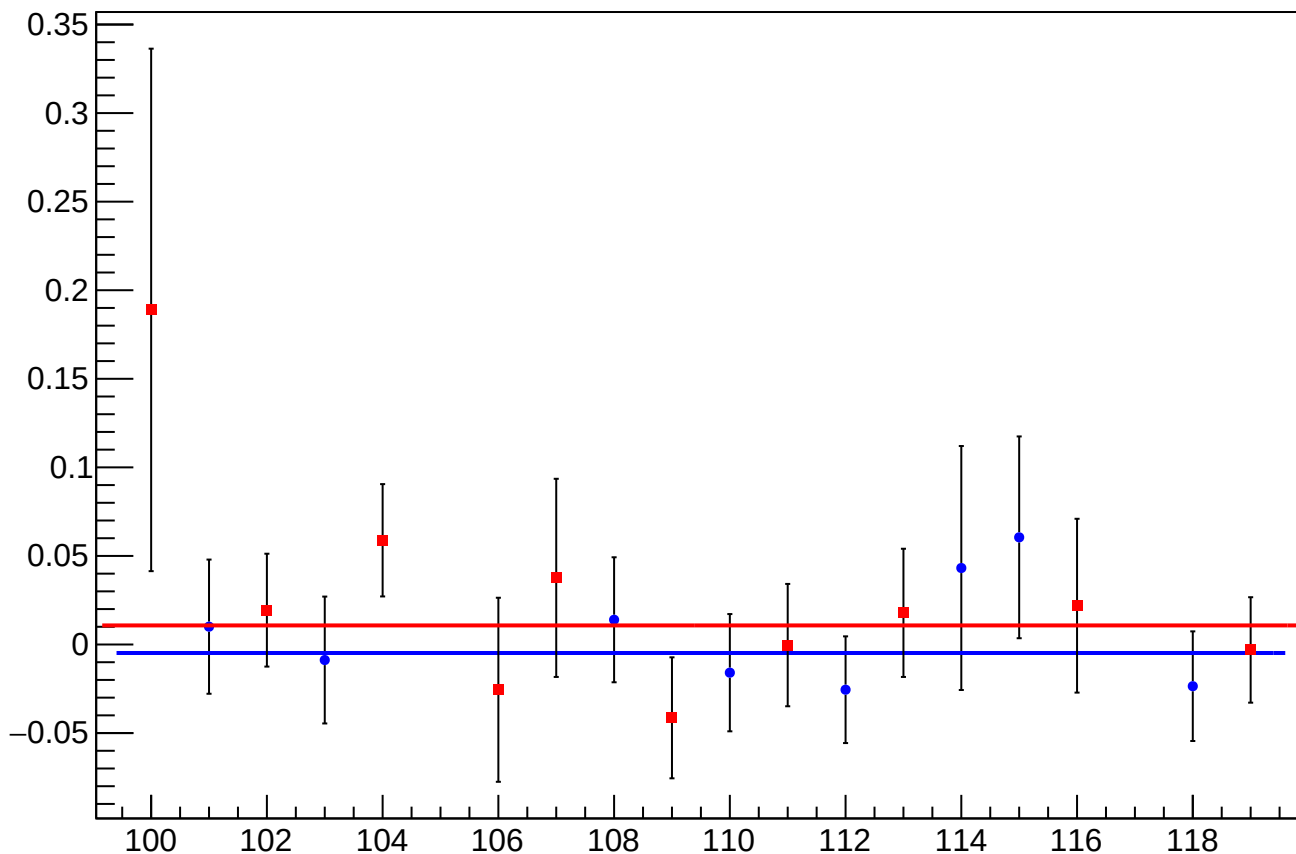
Right: 0.000+/-0.000 χ^2/NDF : 1153171.6/17

In: 0.000+/-0.000 χ^2/NDF : 473404.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1153171.6/17

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.013 χ^2/NDF : 3.2/7

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

Right Out: 0.011+/-0.012 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

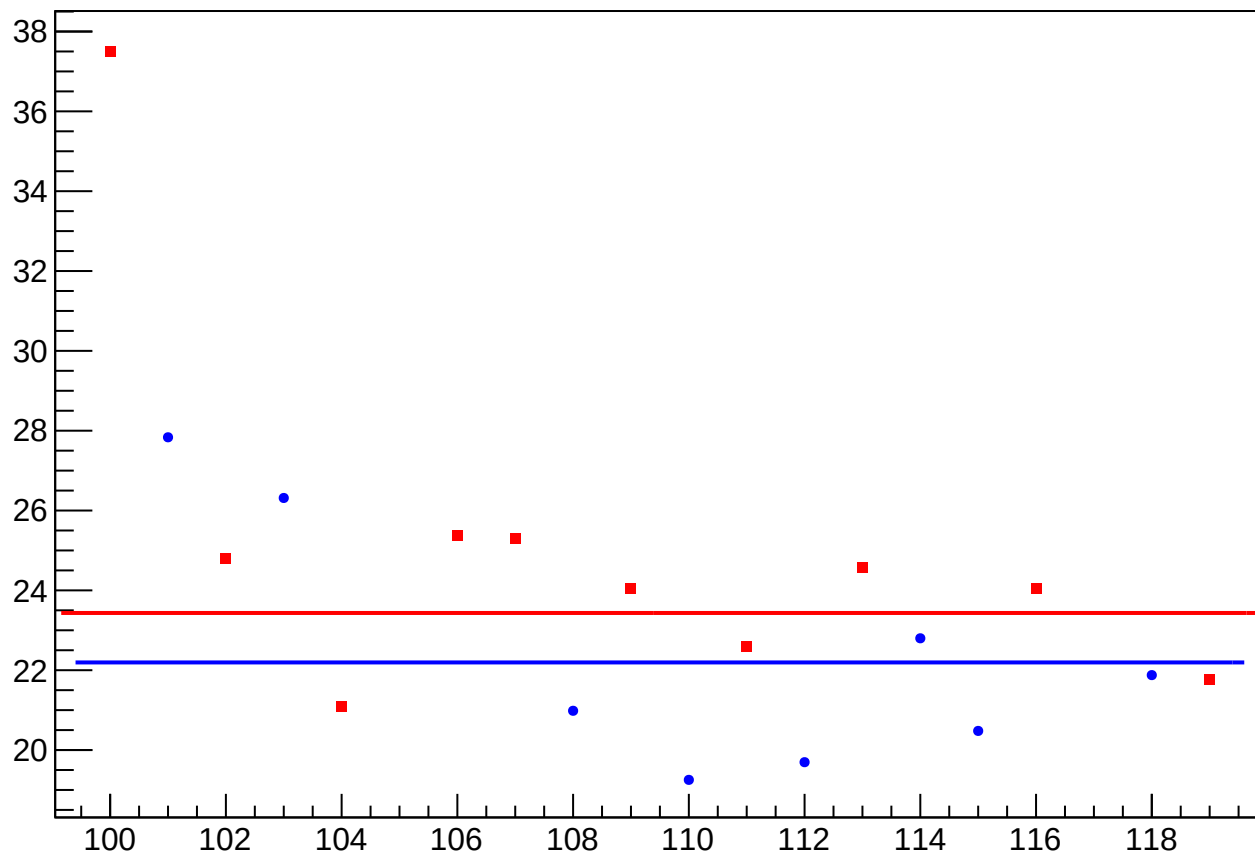
Right: 0.004+/-0.009 χ^2/NDF : 11.3/17

In: -0.005+/-0.013 χ^2/NDF :3.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.009 χ^2/NDF : 11.3/17

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.195+/-0.009 χ^2/NDF : 104922.7/7

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

Right Out: 23.434+/-0.009 χ^2/NDF : 48337.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

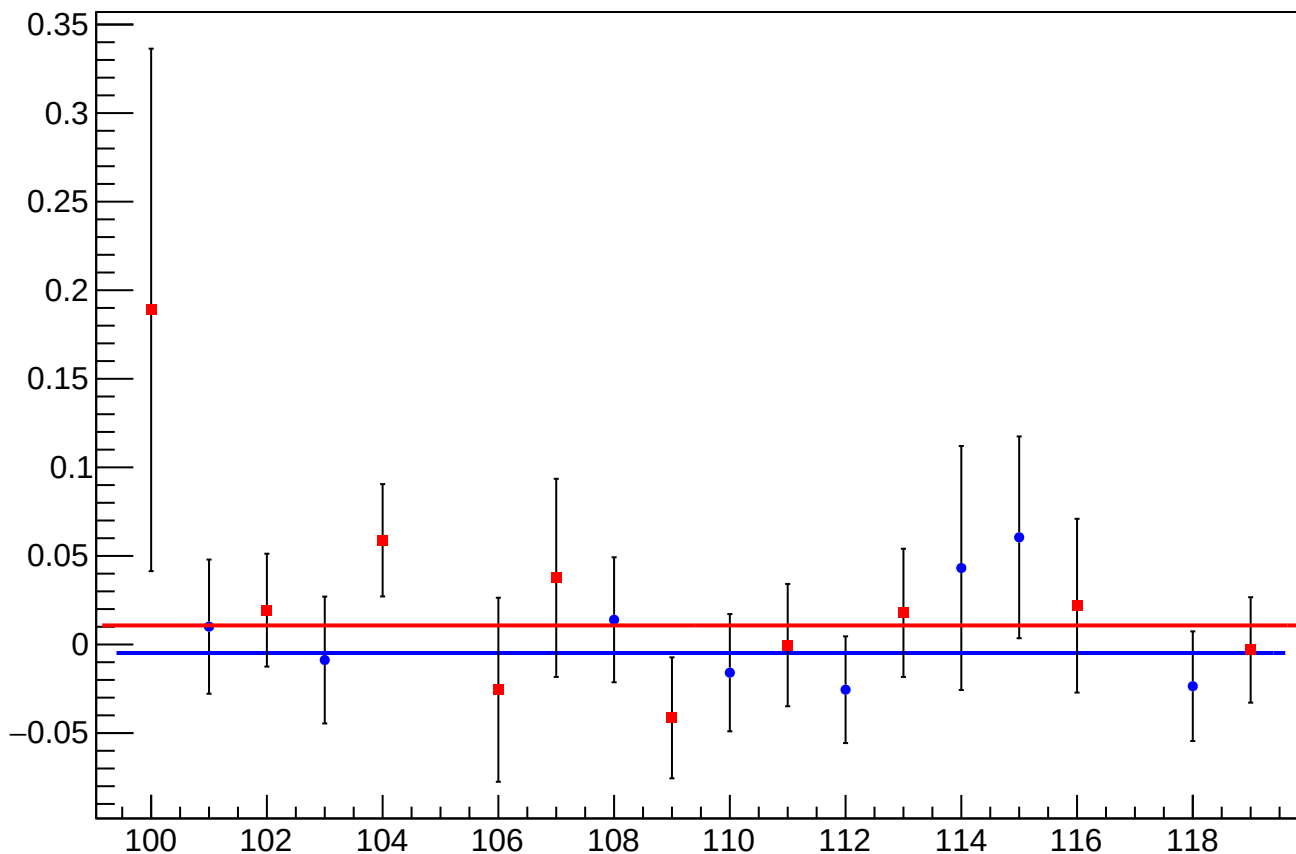
Right: 22.857+/-0.006 χ^2/NDF : 162873.3/17

In: 22.195+/-0.009 χ^2/NDF : 104922.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.857+/-0.006 χ^2/NDF : 162873.3/17

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.013 χ^2 /NDF: 3.2/7

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

Right Out: 0.011 $\pm$ 0.012 χ^2 /NDF: 7.3/9

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

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

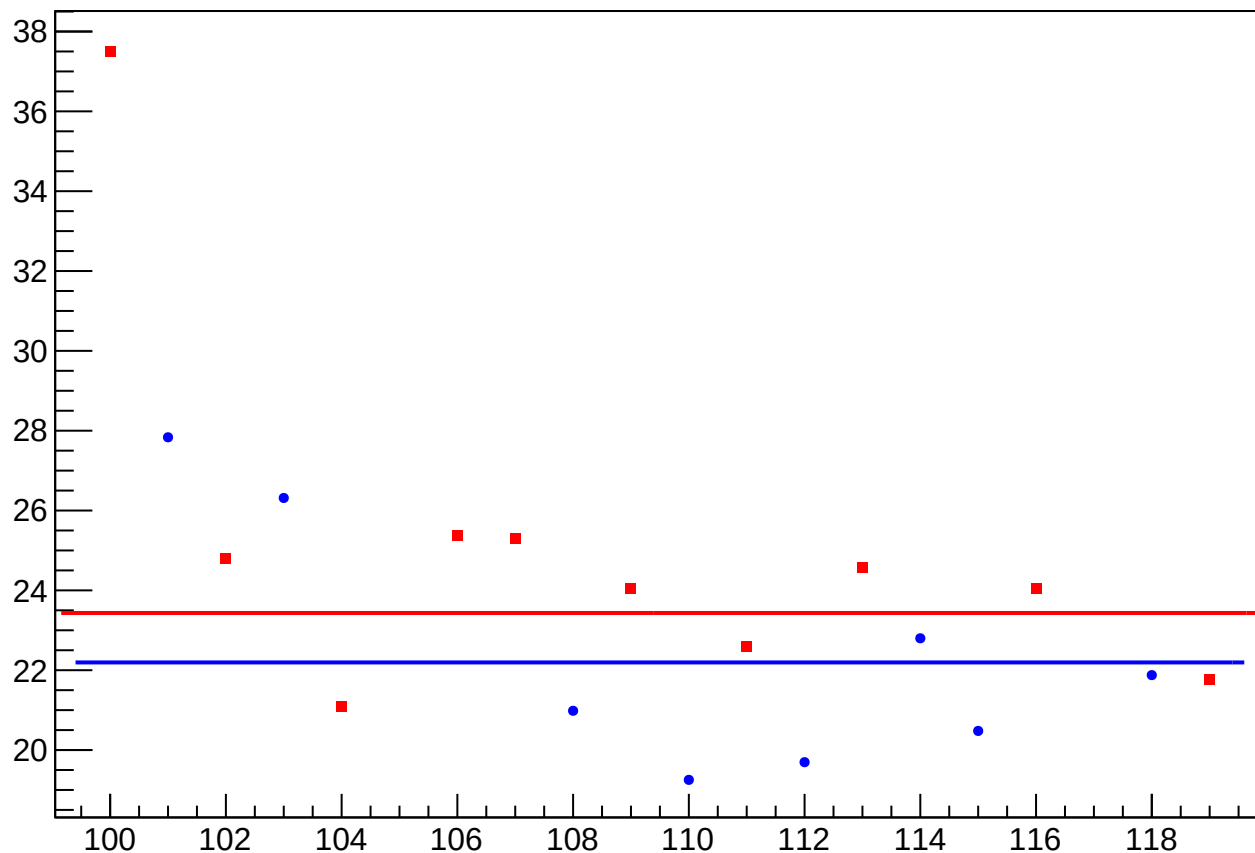
Right: 0.004 $\pm$ 0.009 χ^2 /NDF: 11.3/17

In: -0.005 $\pm$ 0.013 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 11.3/17

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.195+/-0.009 χ^2/NDF : 104922.7/7

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

Right Out: 23.434+/-0.009 χ^2/NDF : 48337.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

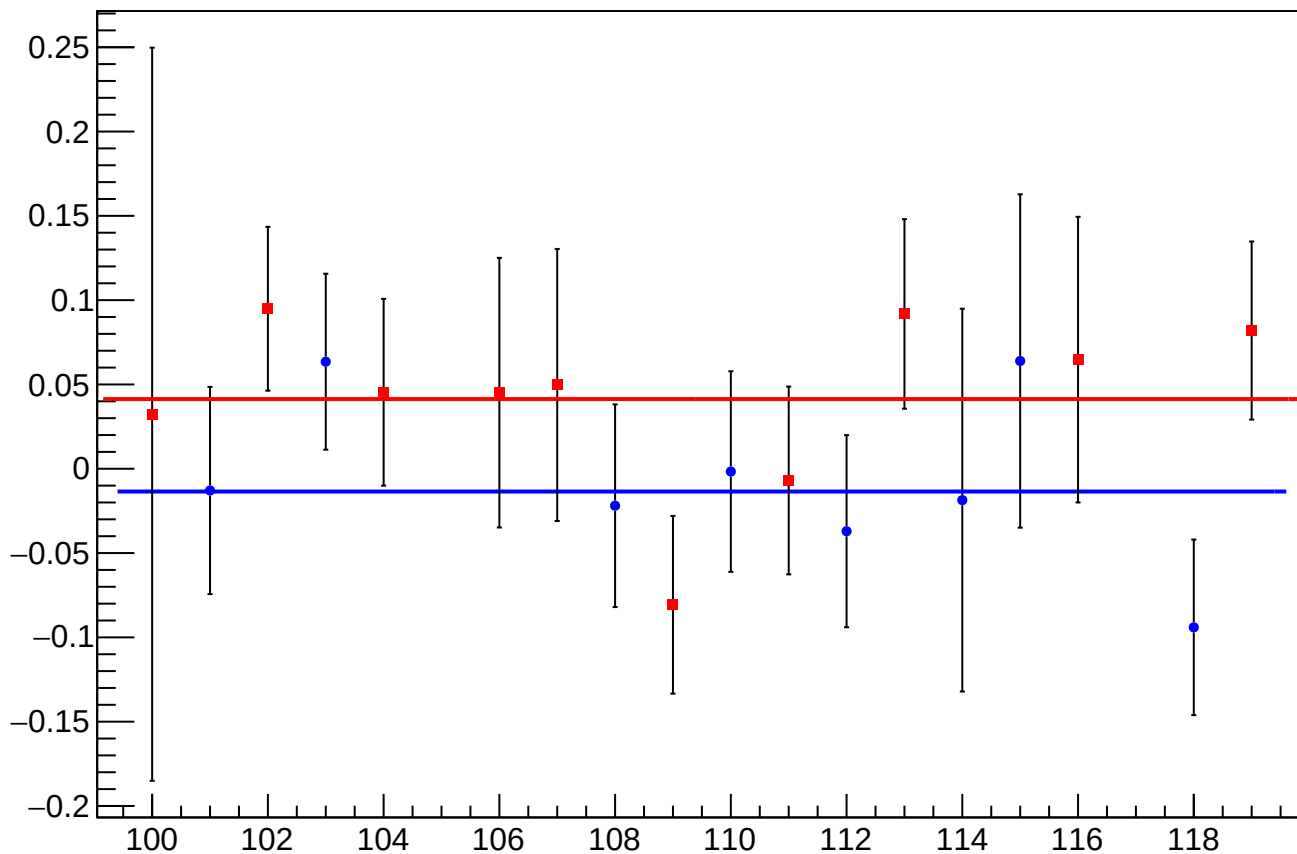
Right: 22.857+/-0.006 χ^2/NDF : 162873.3/17

In: 22.195+/-0.009 χ^2/NDF : 104922.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.857+/-0.006 χ^2/NDF : 162873.3/17

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.022 χ^2/NDF : 5.4/7

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

Right Out: 0.041 ± 0.020 χ^2/NDF : 8.8/9

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

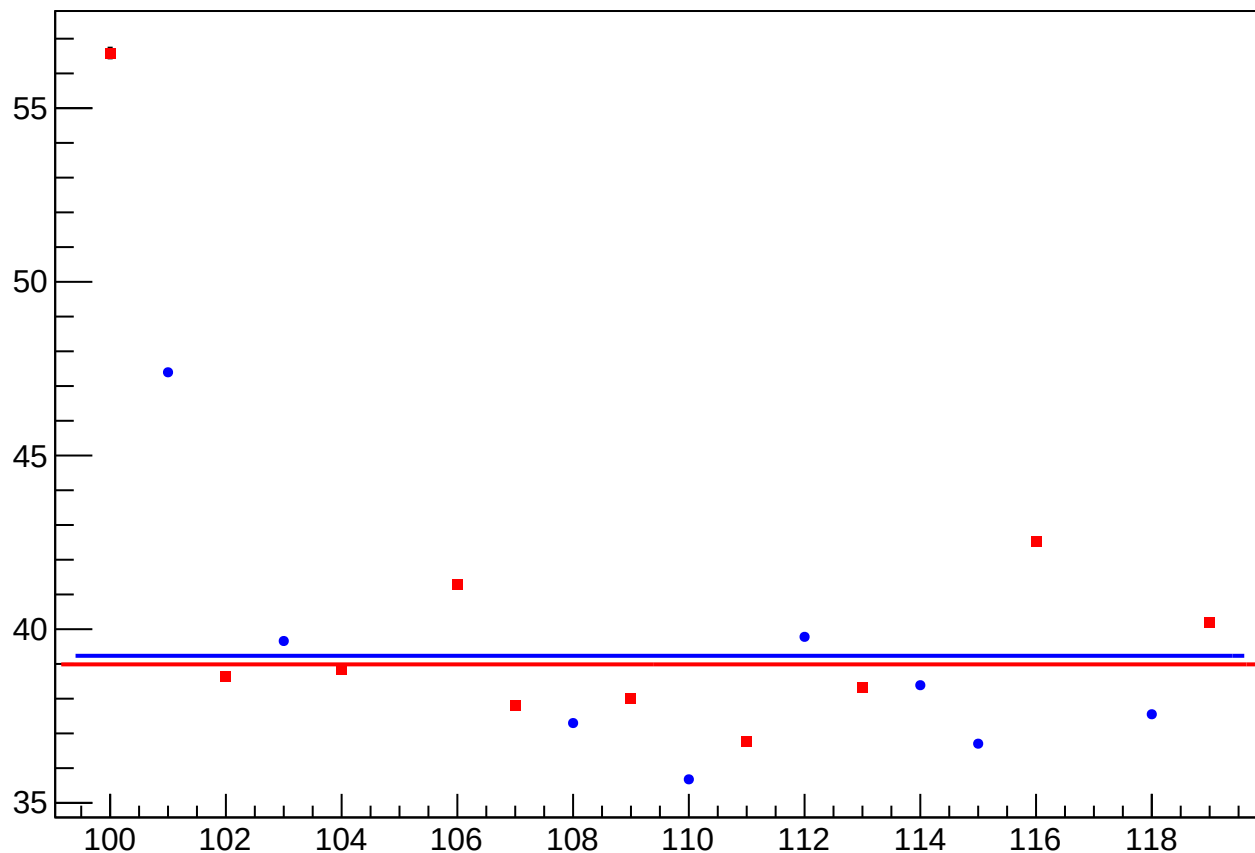
Right: 0.017 ± 0.015 χ^2/NDF : 17.7/17

In: -0.013 ± 0.022 χ^2/NDF : 5.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.017 ± 0.015 χ^2/NDF : 17.7/17

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.234+/-0.016 χ^2/NDF : 48342.1/7

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

Right Out: 38.987+/-0.014 χ^2/NDF : 23997.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

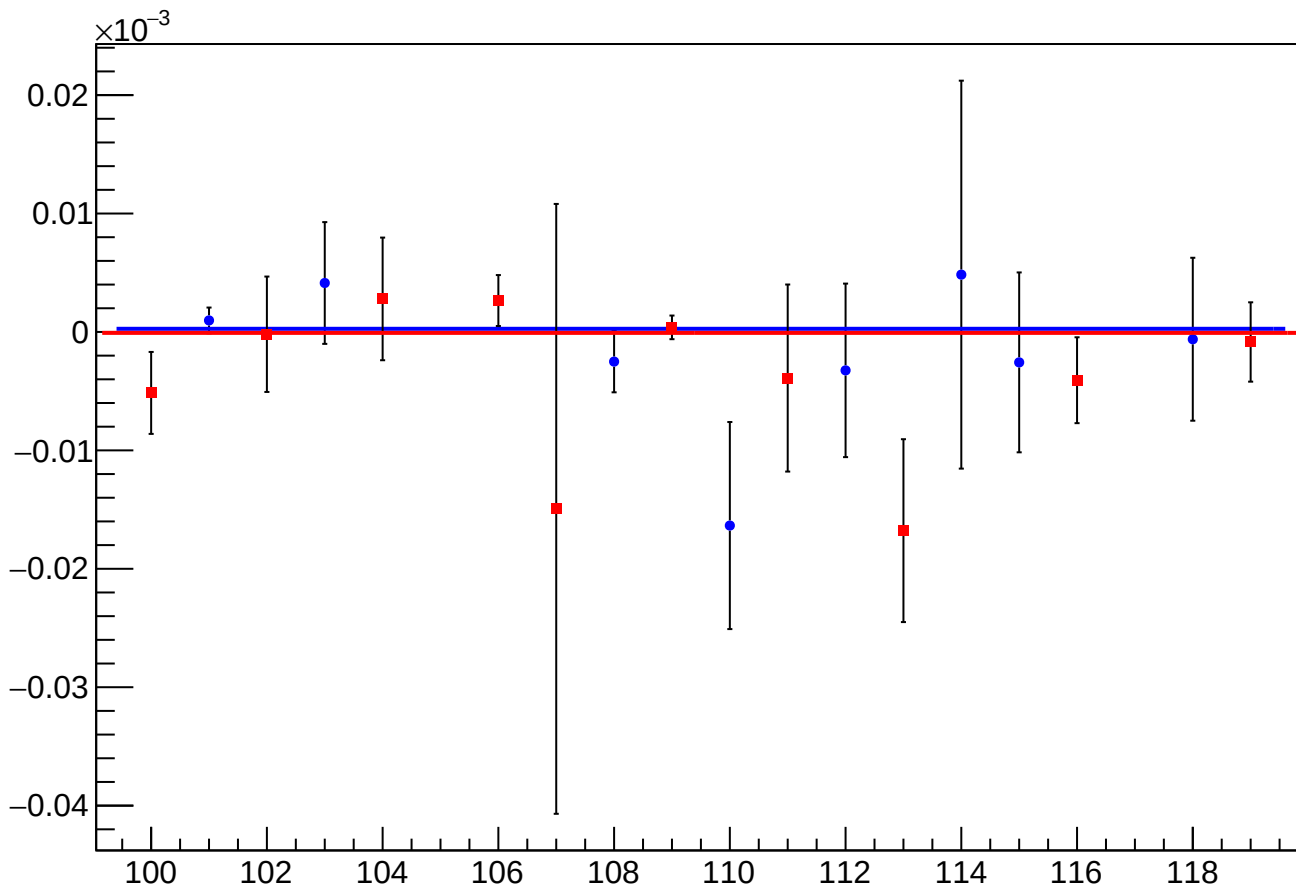
Right: 39.097+/-0.010 χ^2/NDF : 72479.2/17

In: 39.234+/-0.016 χ^2/NDF : 48342.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.097+/-0.010 χ^2/NDF : 72479.2/17

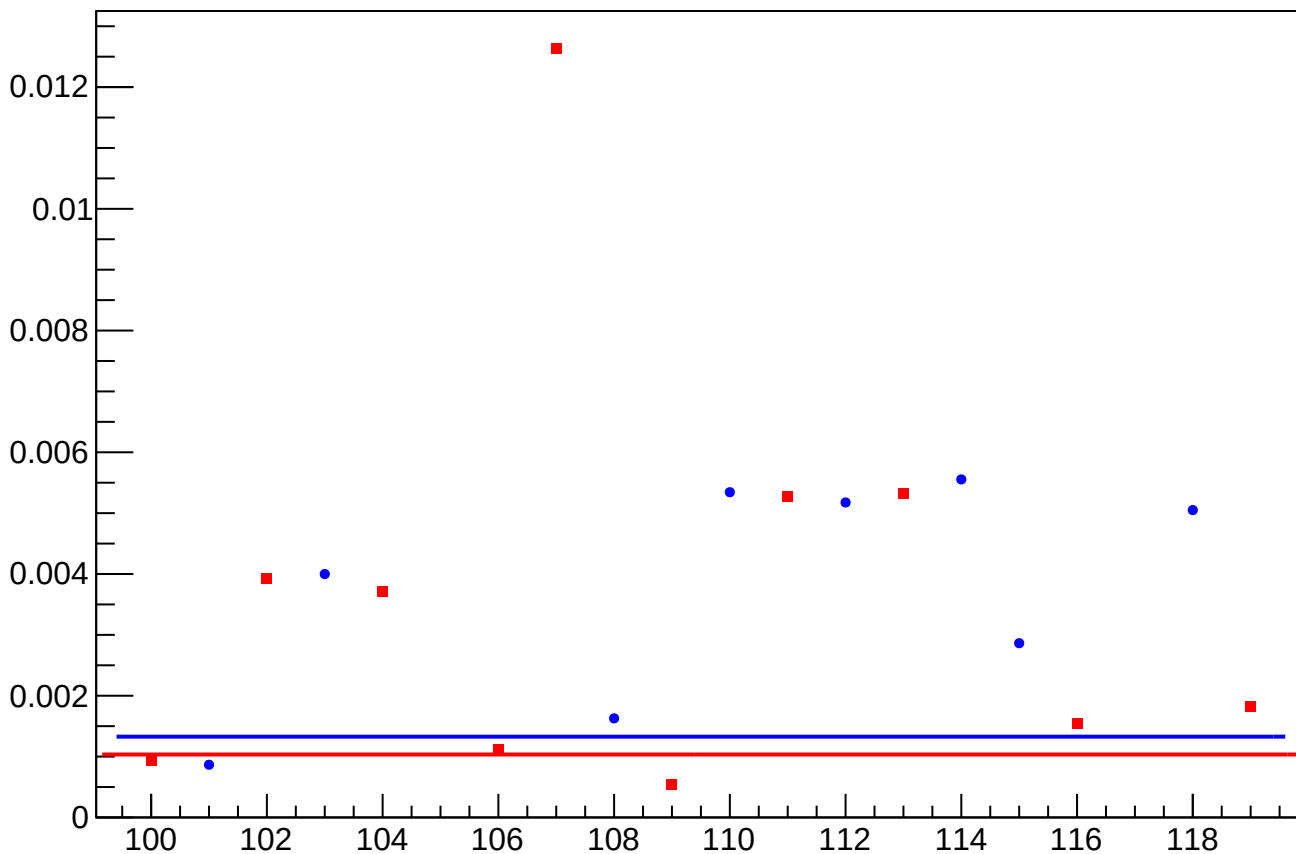
asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.8/9
 Left In: 0.000 $\pm$ 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: 17.1/17
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:6.2/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/17

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2701694.2/7

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

Right Out: 0.001+/-0.000 χ^2/NDF : 3482326.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

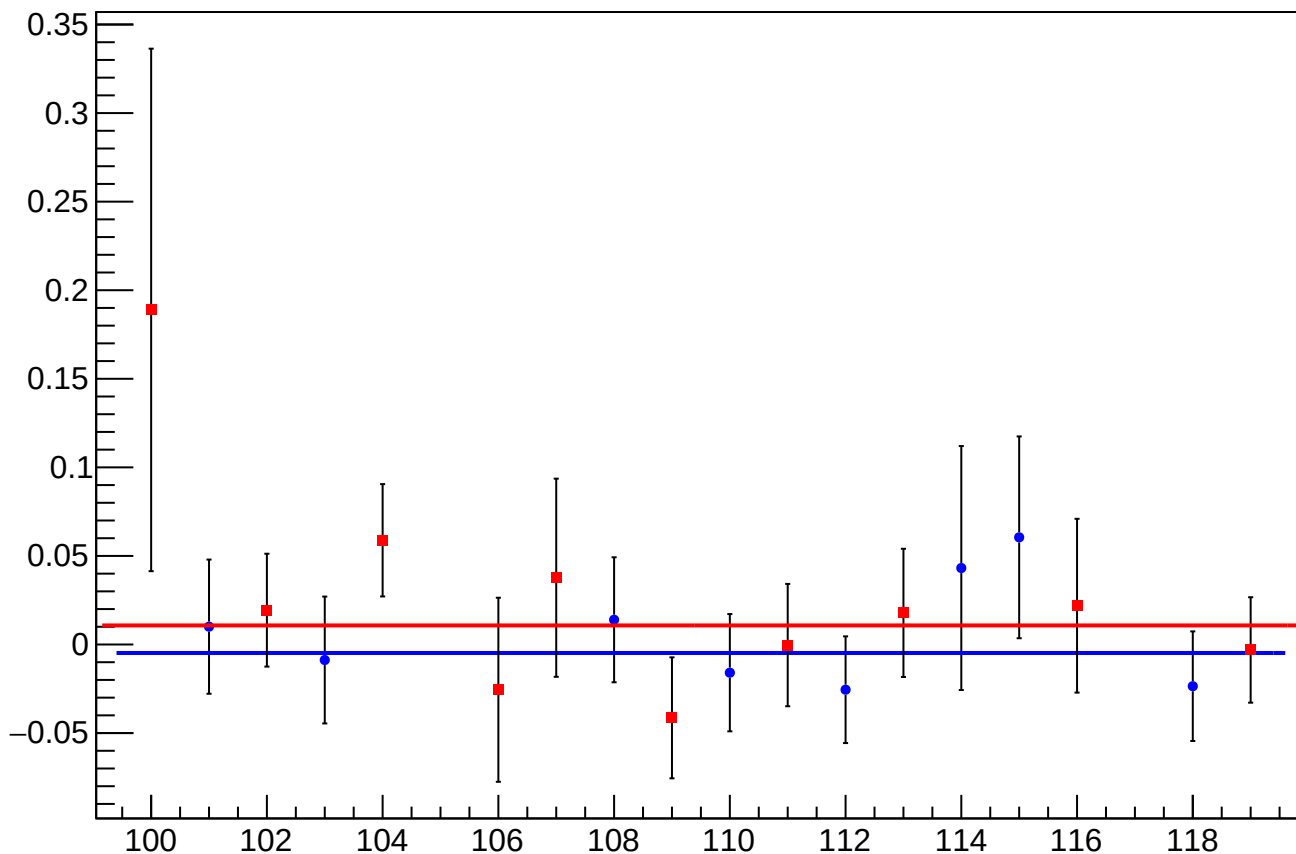
Right: 0.001+/-0.000 χ^2/NDF : 6296174.5/17

In: 0.001+/-0.000 χ^2/NDF :2701694.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6296174.5/17

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 $\pm$ 0.013 χ^2 /NDF: 3.2/7

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

Right Out: 0.011 $\pm$ 0.012 χ^2 /NDF: 7.3/9

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

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

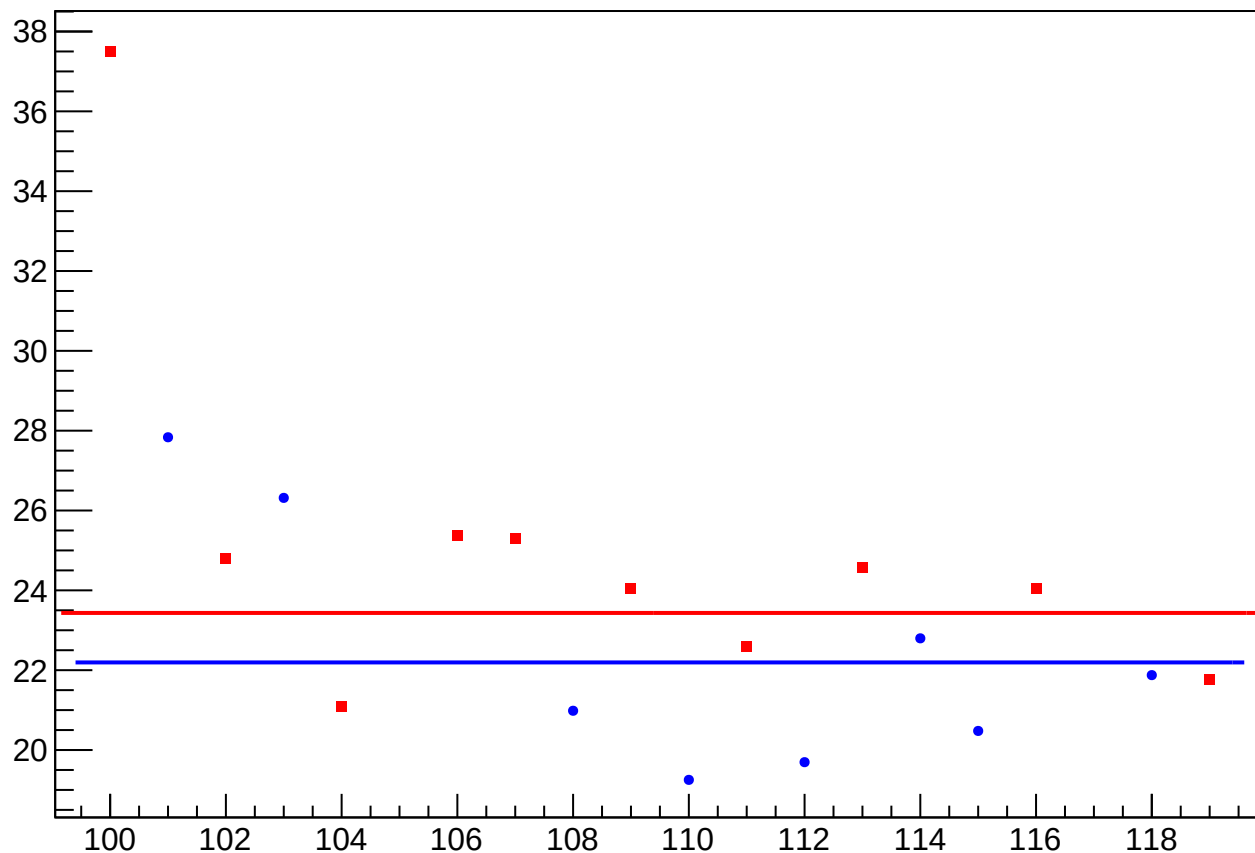
Right: 0.004 $\pm$ 0.009 χ^2 /NDF: 11.3/17

In: -0.005 $\pm$ 0.013 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.009 χ^2 /NDF: 11.3/17

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.194+/-0.009 χ^2/NDF : 104959.7/7

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

Right Out: 23.434+/-0.009 χ^2/NDF : 48339.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

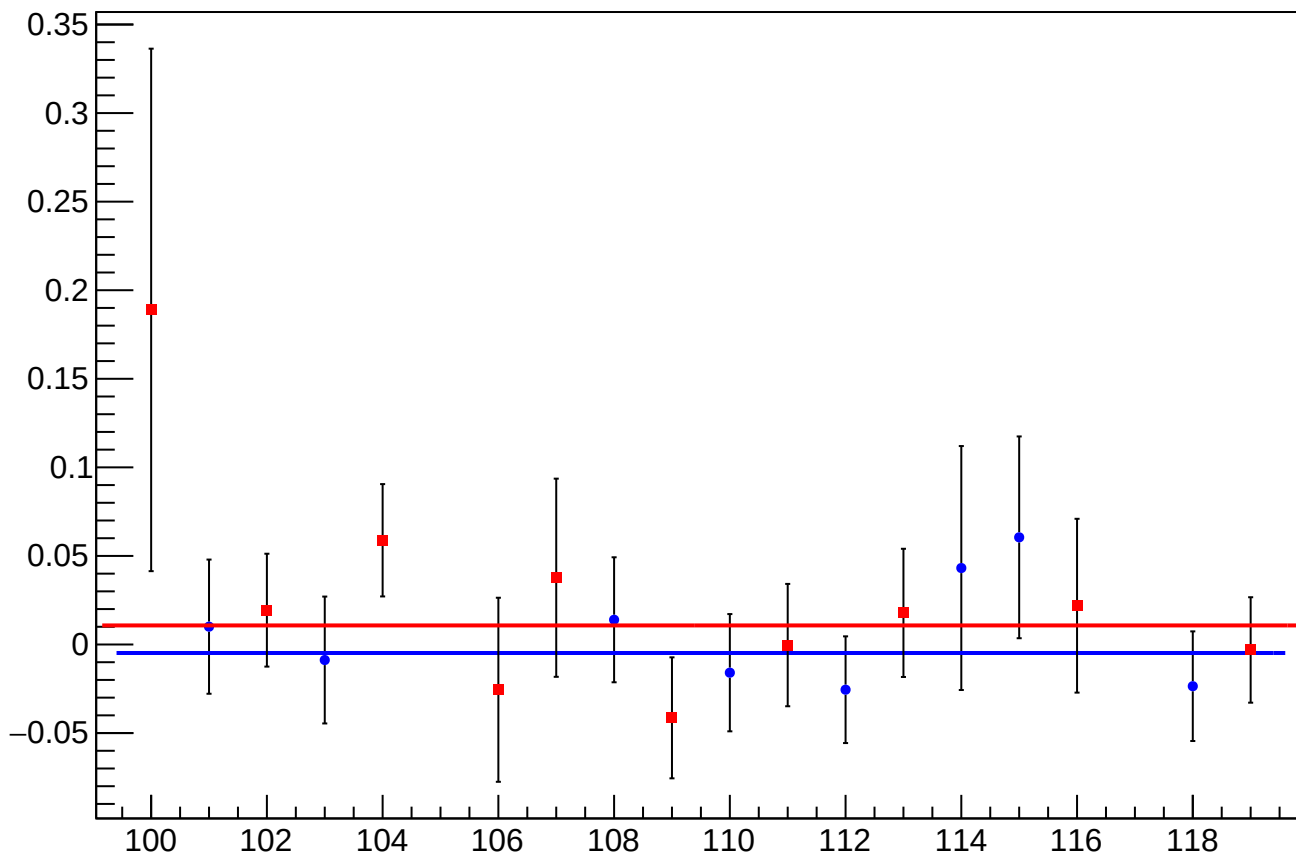
Right: 22.857+/-0.006 χ^2/NDF : 162920.7/17

In: 22.194+/-0.009 χ^2/NDF : 104959.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.857+/-0.006 χ^2/NDF : 162920.7/17

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.013 χ^2/NDF : 3.2/7

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

Right Out: 0.011+/-0.012 χ^2/NDF : 7.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

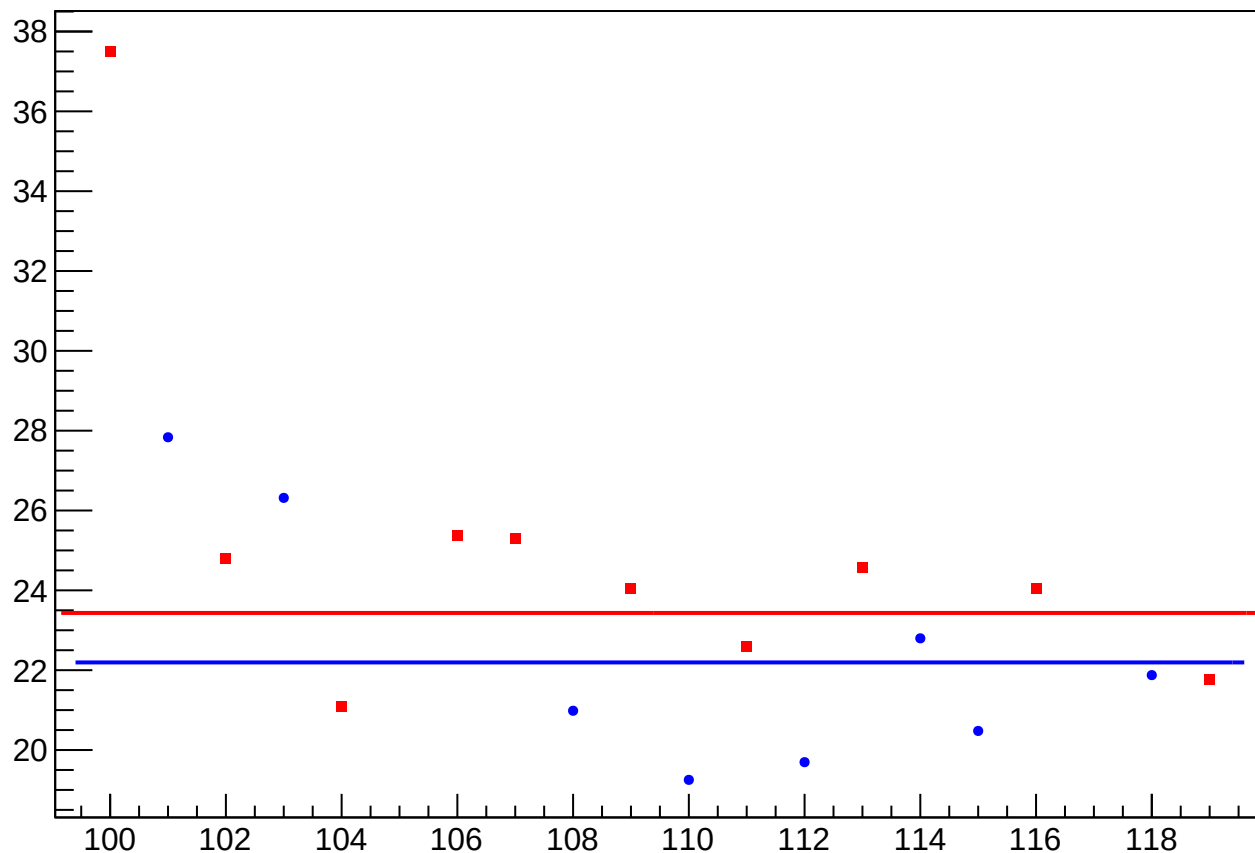
Right: 0.004+/-0.009 χ^2/NDF : 11.3/17

In: -0.005+/-0.013 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.009 χ^2/NDF : 11.3/17

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.194+/-0.009 χ^2/NDF : 104959.7/7

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

Right Out: 23.434+/-0.009 χ^2/NDF : 48339.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

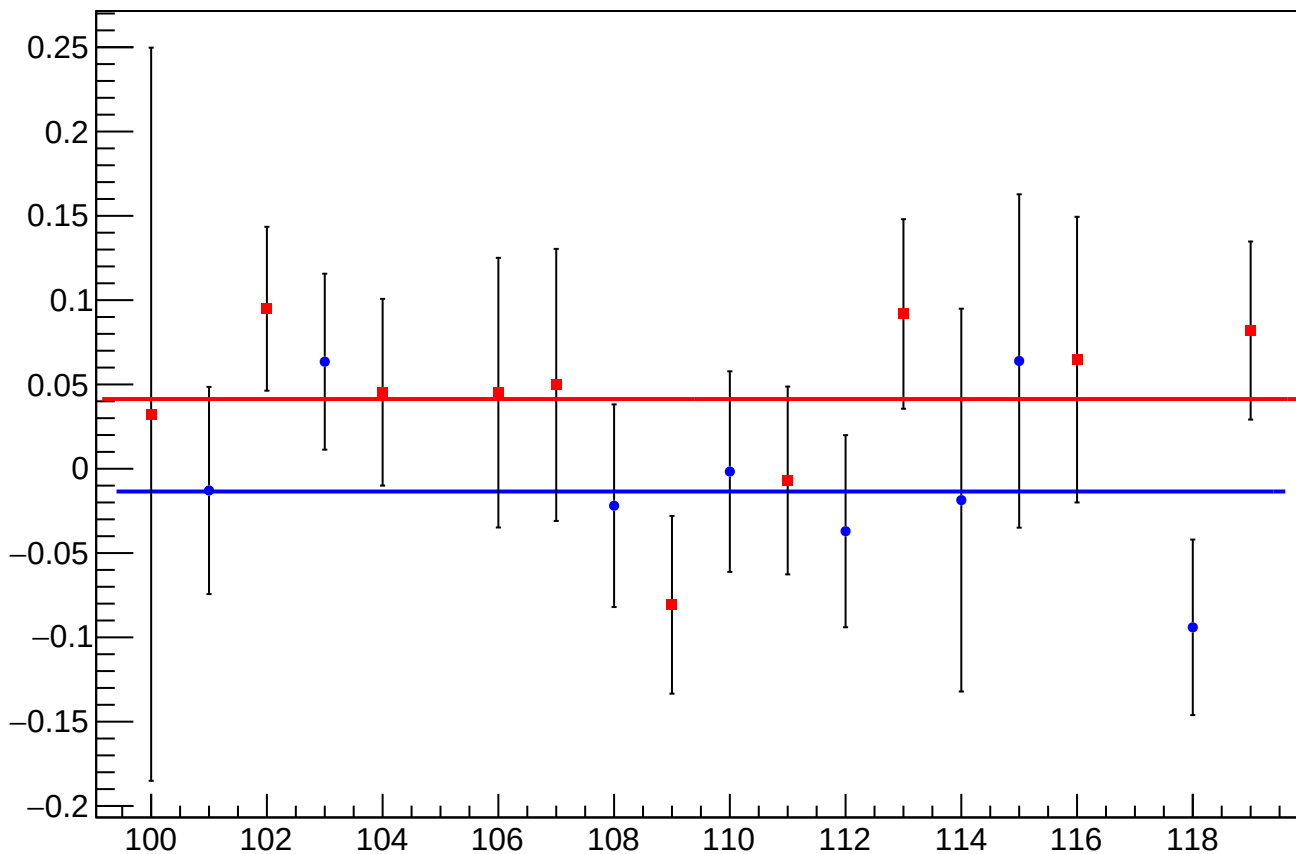
Right: 22.857+/-0.006 χ^2/NDF : 162920.7/17

In: 22.194+/-0.009 χ^2/NDF : 104959.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.857+/-0.006 χ^2/NDF : 162920.7/17

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.022 χ^2 /NDF: 5.4/7

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

Right Out: 0.041 $\pm$ 0.020 χ^2 /NDF: 8.8/9

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

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

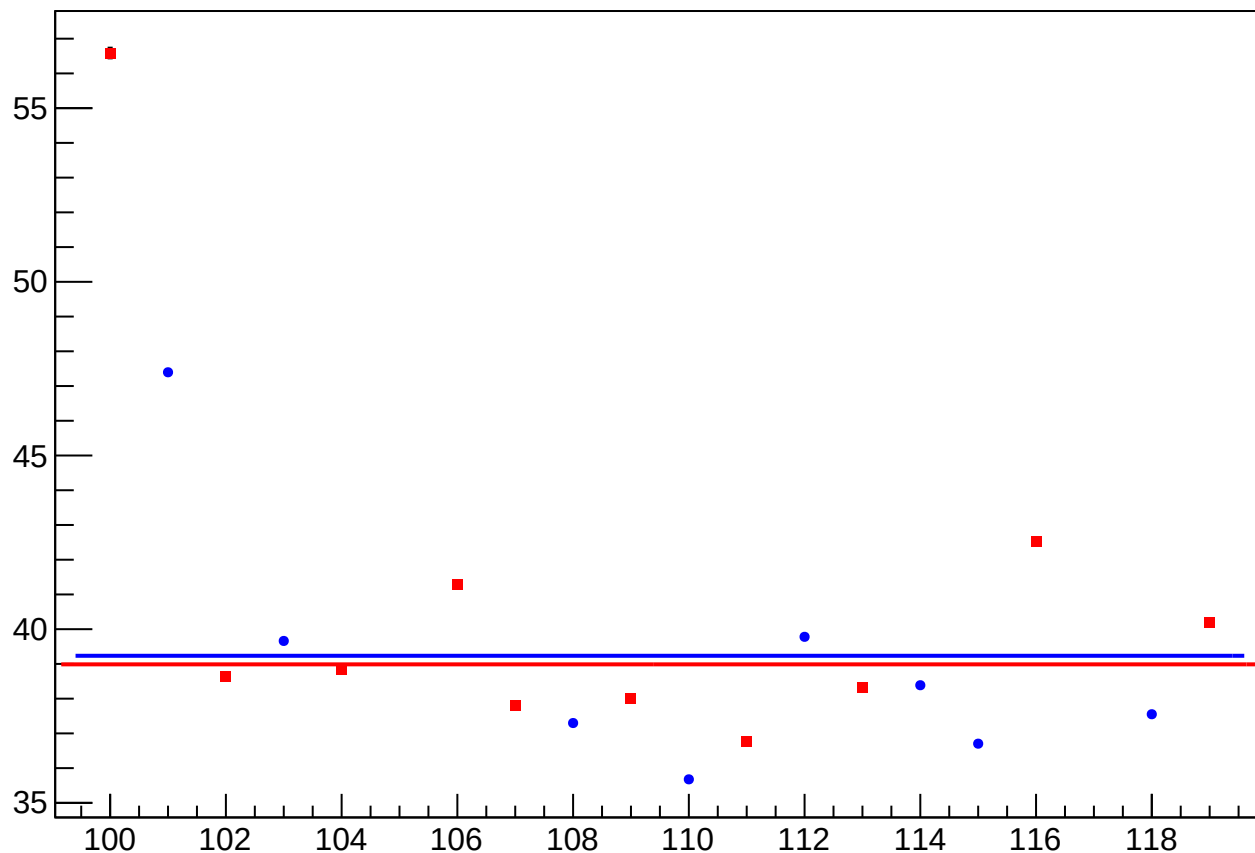
Right: 0.017 $\pm$ 0.015 χ^2 /NDF: 17.7/17

In: -0.014 $\pm$ 0.022 χ^2 /NDF:5.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 17.7/17

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.234+/-0.016 χ^2/NDF : 48347.1/7

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

Right Out: 38.987+/-0.014 χ^2/NDF : 23997.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

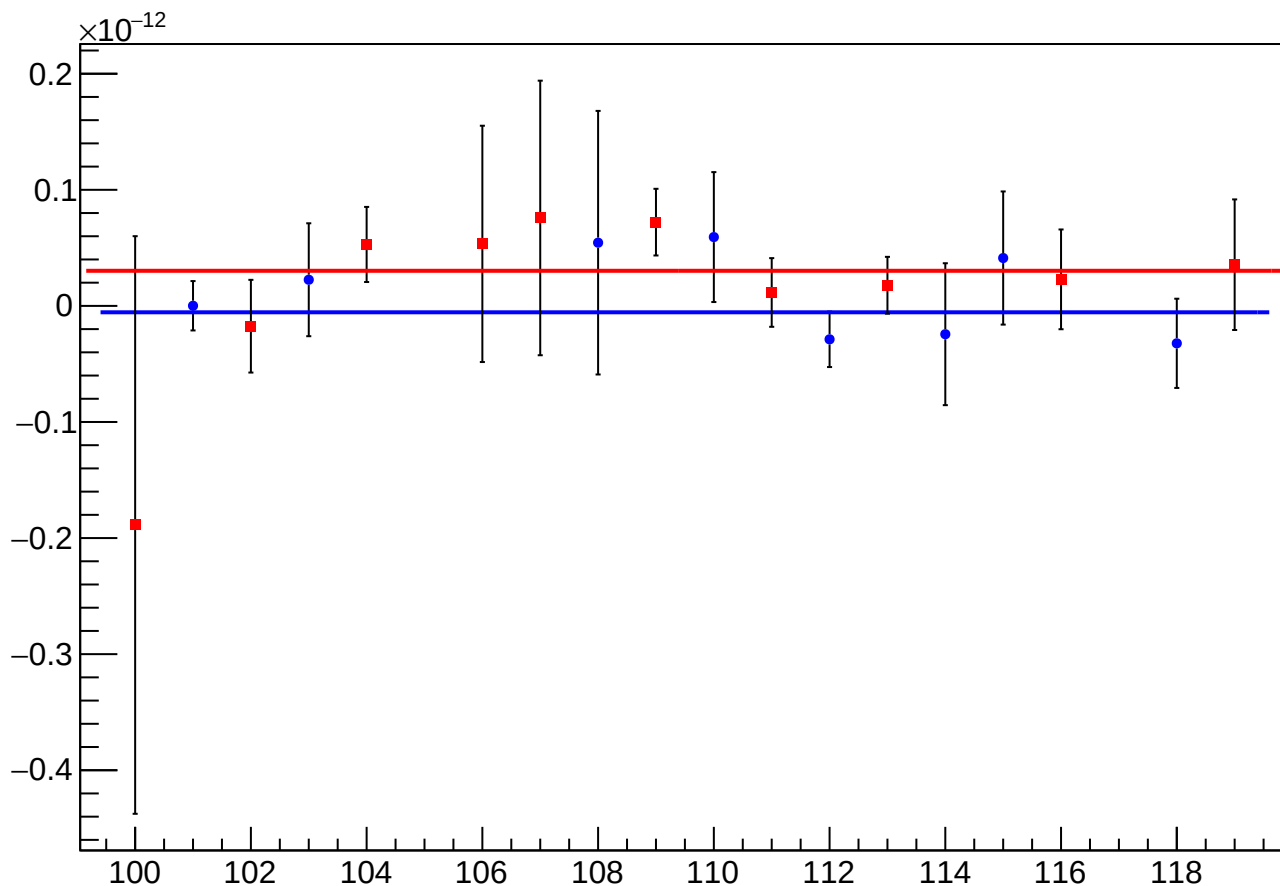
Right: 39.097+/-0.010 χ^2/NDF : 72483.4/17

In: 39.234+/-0.016 χ^2/NDF : 48347.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.097+/-0.010 χ^2/NDF : 72483.4/17

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

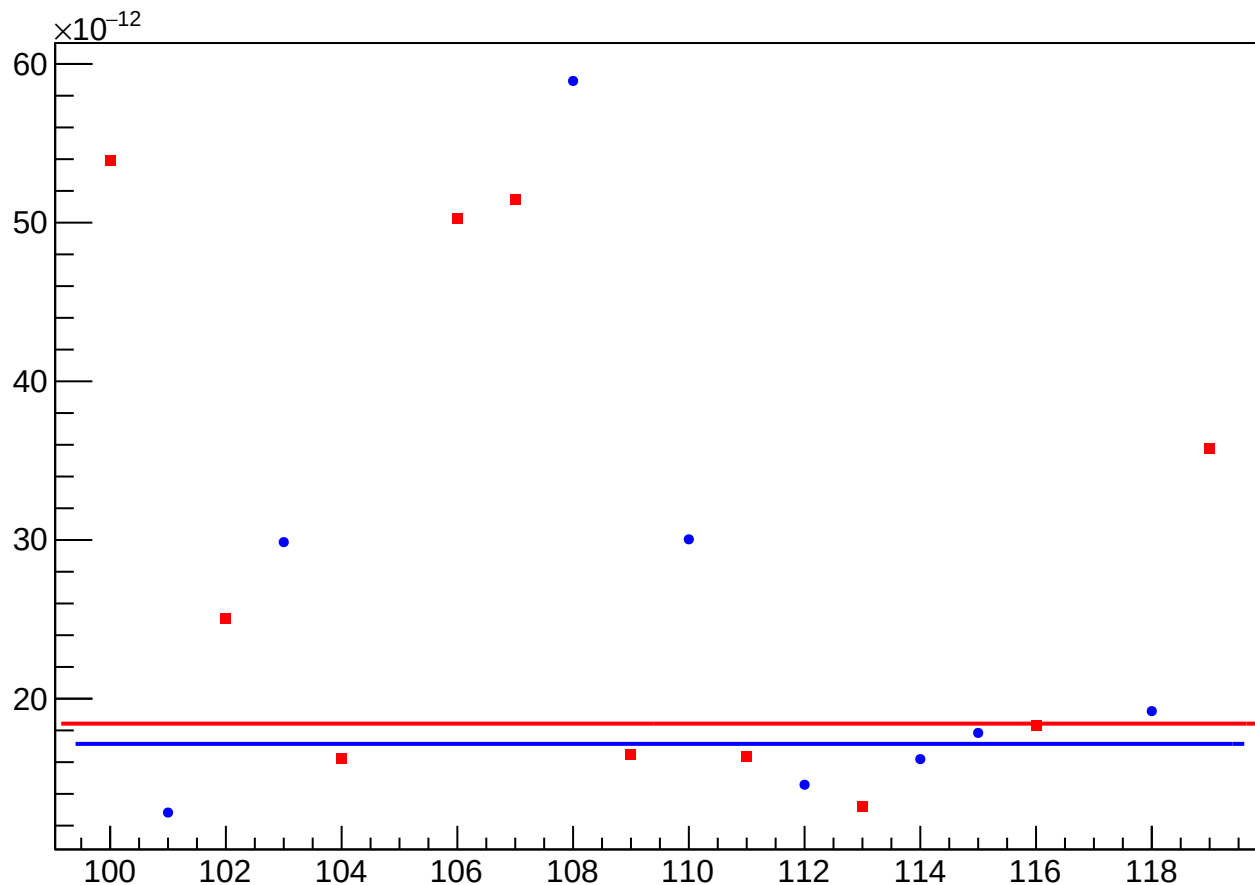
Right: 0.000+/-0.000 χ^2/NDF : 14.0/17

In: -0.000+/-0.000 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/17

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 626211.9/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 757215.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

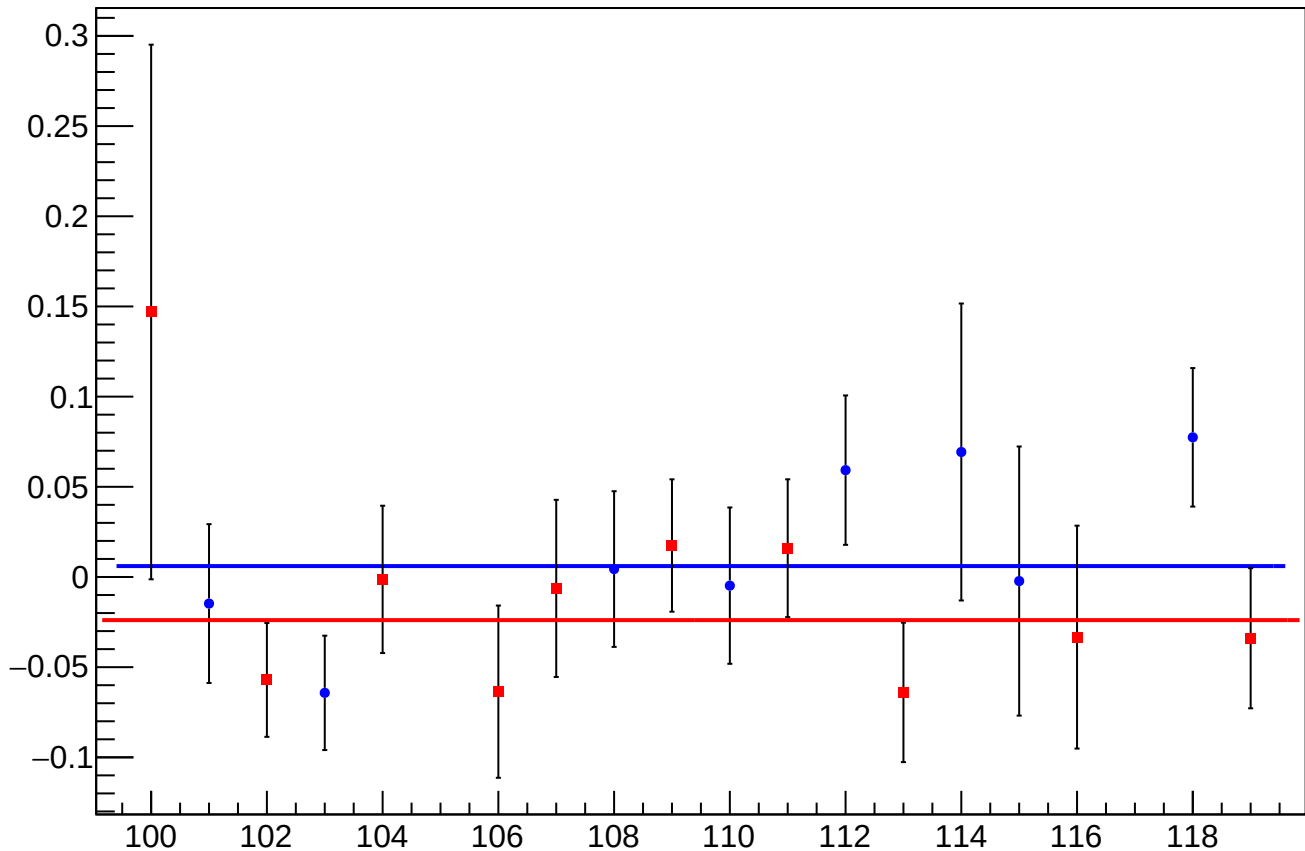
Right: 0.000+/-0.000 χ^2/NDF : 1393712.6/17

In: 0.000+/-0.000 χ^2/NDF : 626211.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1393712.6/17

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.015 χ^2/NDF : 10.9/7

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

Right Out: -0.024+/-0.013 χ^2/NDF : 7.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

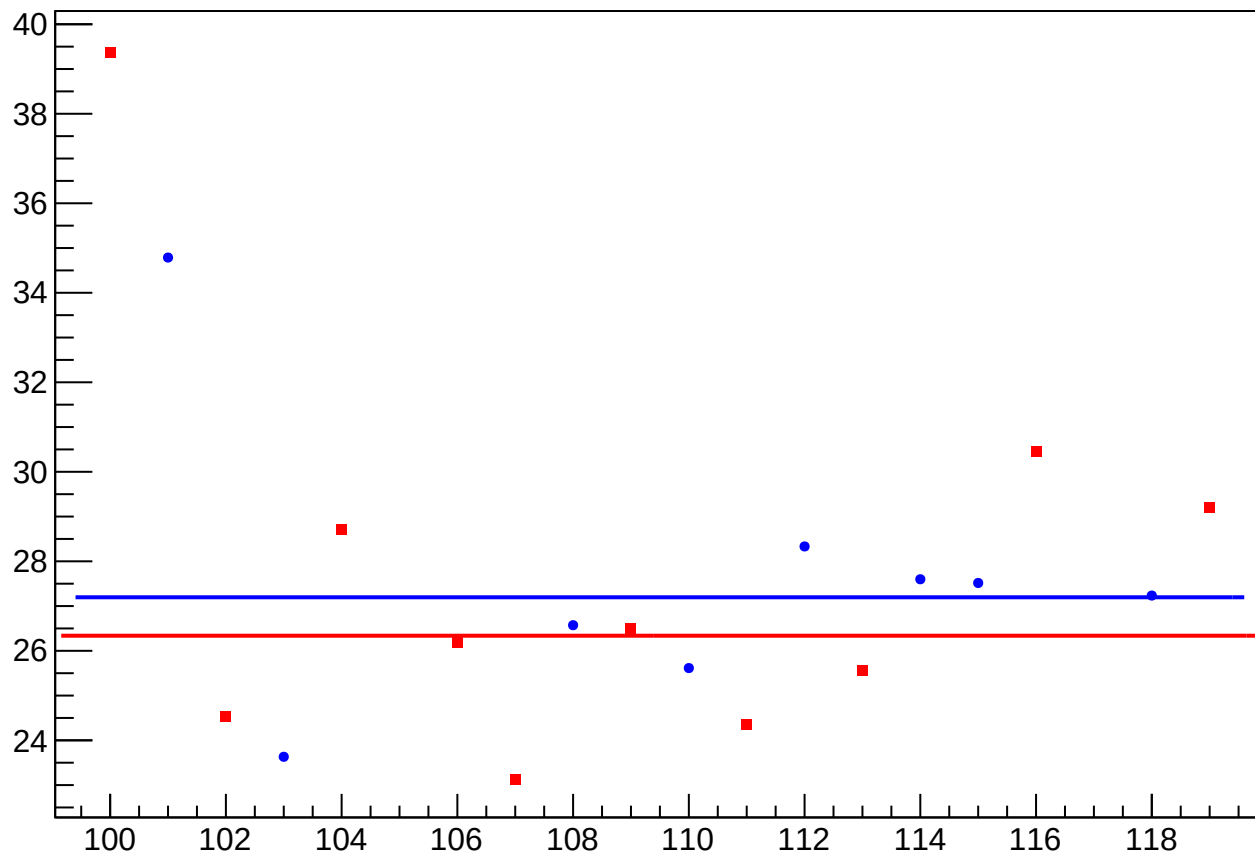
Right: -0.011+/-0.010 χ^2/NDF : 20.1/17

In: 0.006+/-0.015 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.1/17

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.196+/-0.011 χ^2/NDF : 89388.2/7

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

Right Out: 26.338+/-0.010 χ^2/NDF : 63200.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

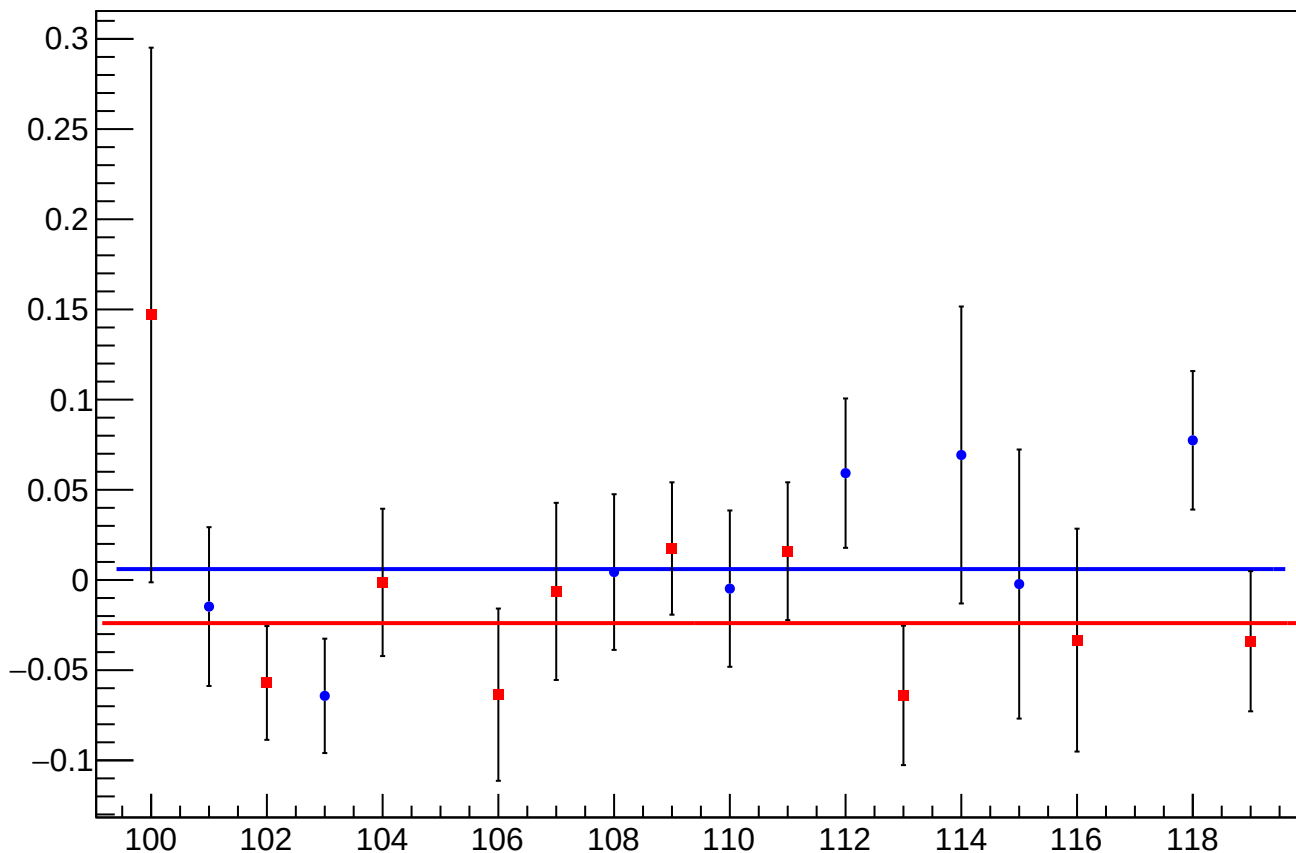
Right: 26.707+/-0.007 χ^2/NDF : 156092.6/17

In: 27.196+/-0.011 χ^2/NDF : 89388.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.707+/-0.007 χ^2/NDF : 156092.6/17

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.015 χ^2/NDF : 10.9/7

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

Right Out: -0.024+/-0.013 χ^2/NDF : 7.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

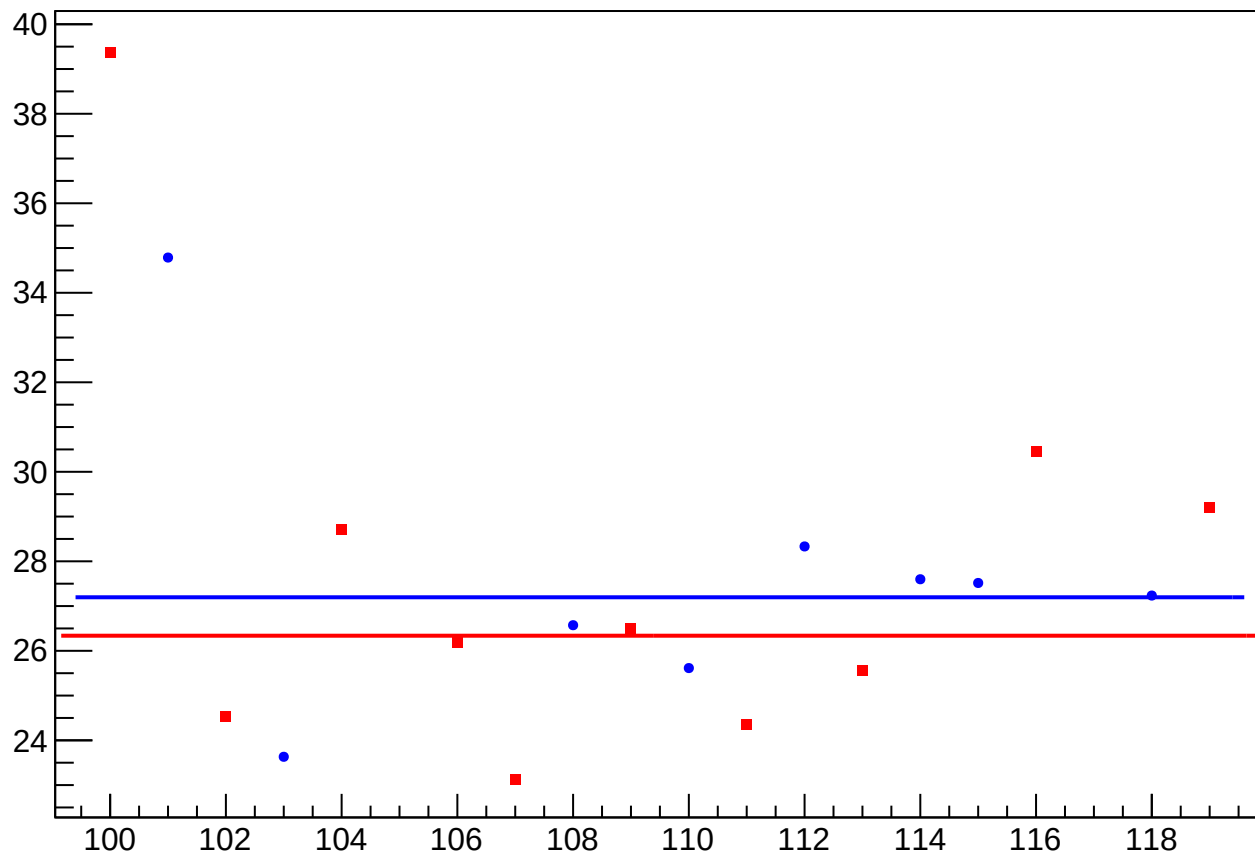
Right: -0.011+/-0.010 χ^2/NDF : 20.1/17

In: 0.006+/-0.015 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.010 χ^2/NDF : 20.1/17

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.196+/-0.011 χ^2/NDF : 89388.2/7

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

Right Out: 26.338+/-0.010 χ^2/NDF : 63200.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

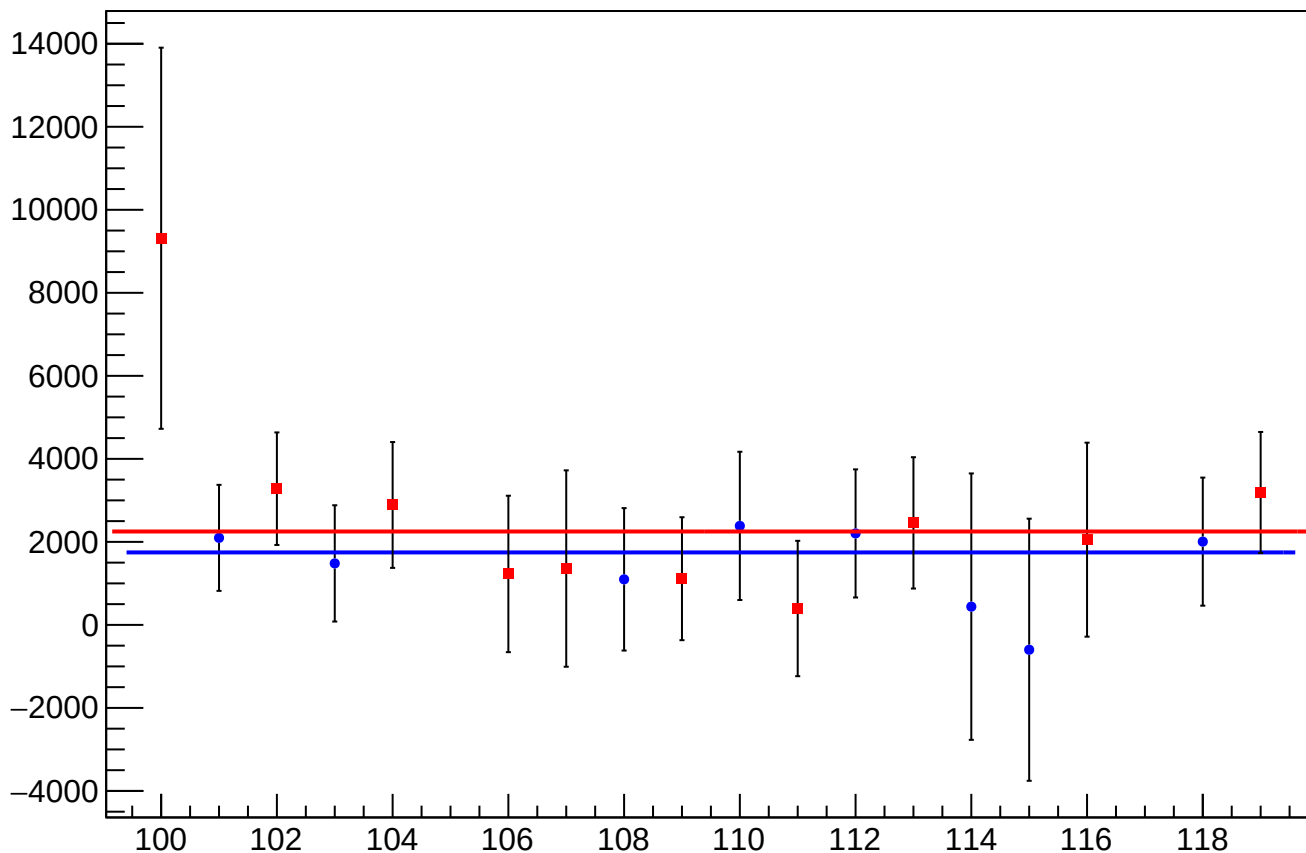
Right: 26.707+/-0.007 χ^2/NDF : 156092.6/17

In: 27.196+/-0.011 χ^2/NDF : 89388.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.707+/-0.007 χ^2/NDF : 156092.6/17

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

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

Right Out: 2250.134+/-544.540 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

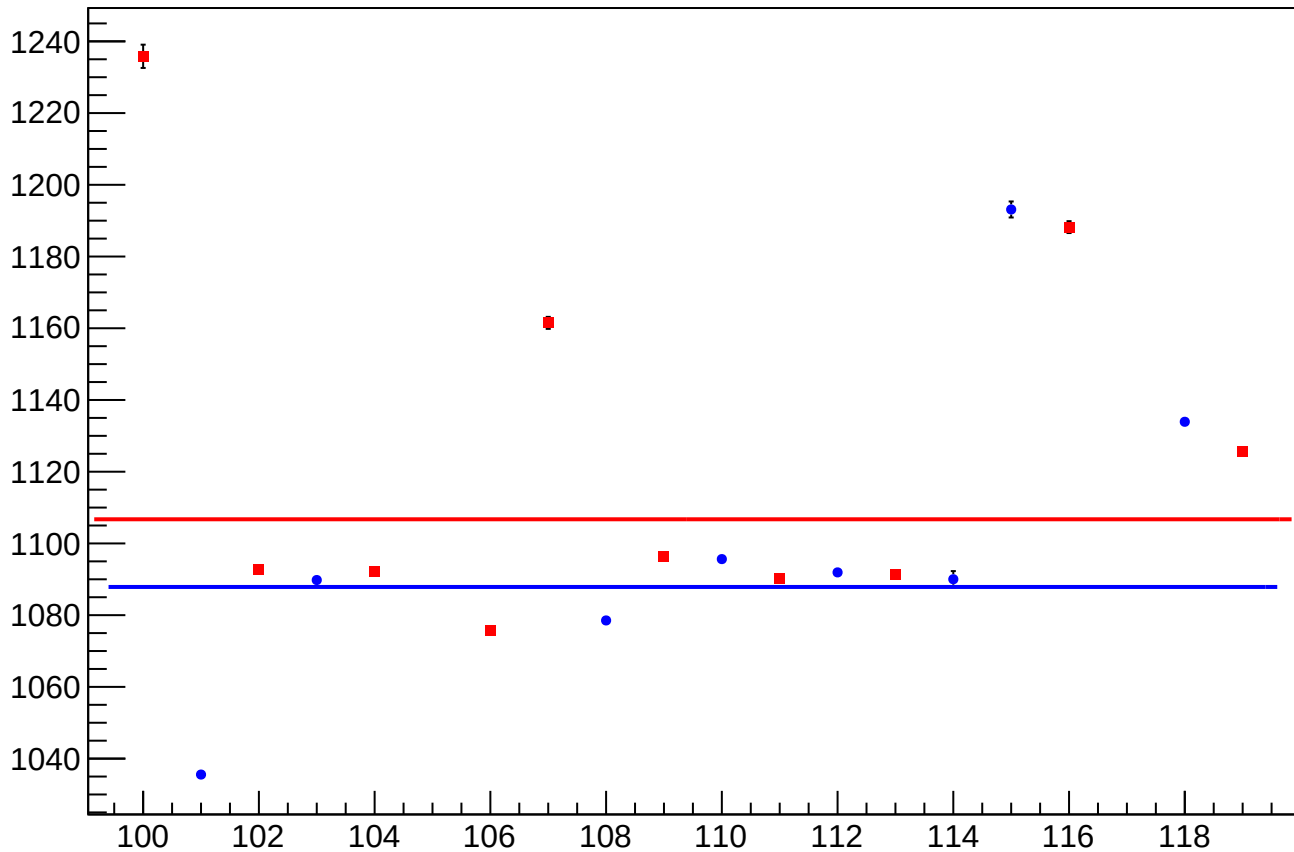
Right: 2020.828+/-402.061 χ^2/NDF : 7.5/17

In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.828+/-402.061 χ^2/NDF : 7.5/17

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1087.864 $\pm$ 0.422 χ^2 /NDF: 7476.7/7

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

Right Out: 1106.734 $\pm$ 0.385 χ^2 /NDF: 6847.1/9

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

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

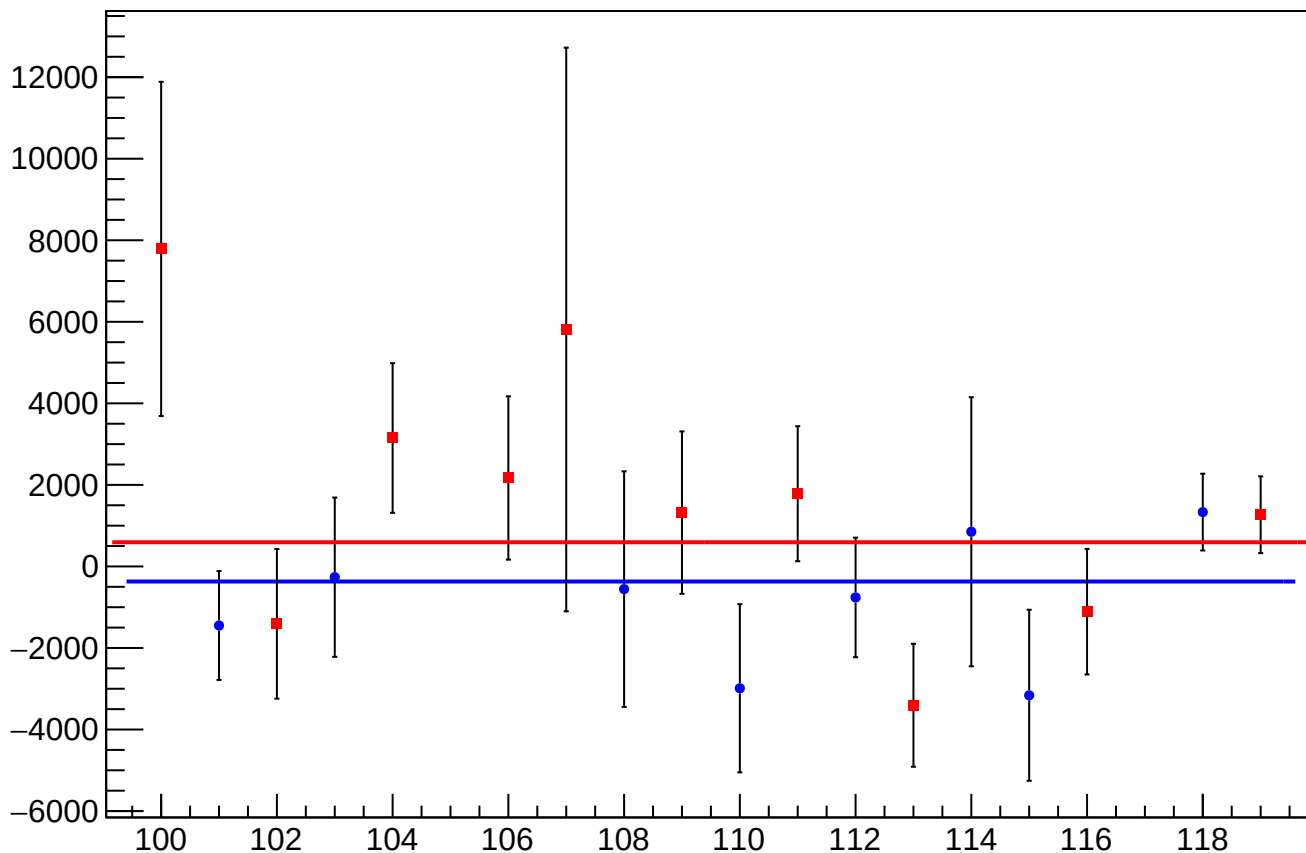
Right: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

In: 1087.864 $\pm$ 0.422 χ^2 /NDF:7476.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -369.907 $\pm$ 568.935 χ^2 /NDF: 7.5/7

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

Right Out: 592.773 $\pm$ 532.246 χ^2 /NDF: 16.8/9

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

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

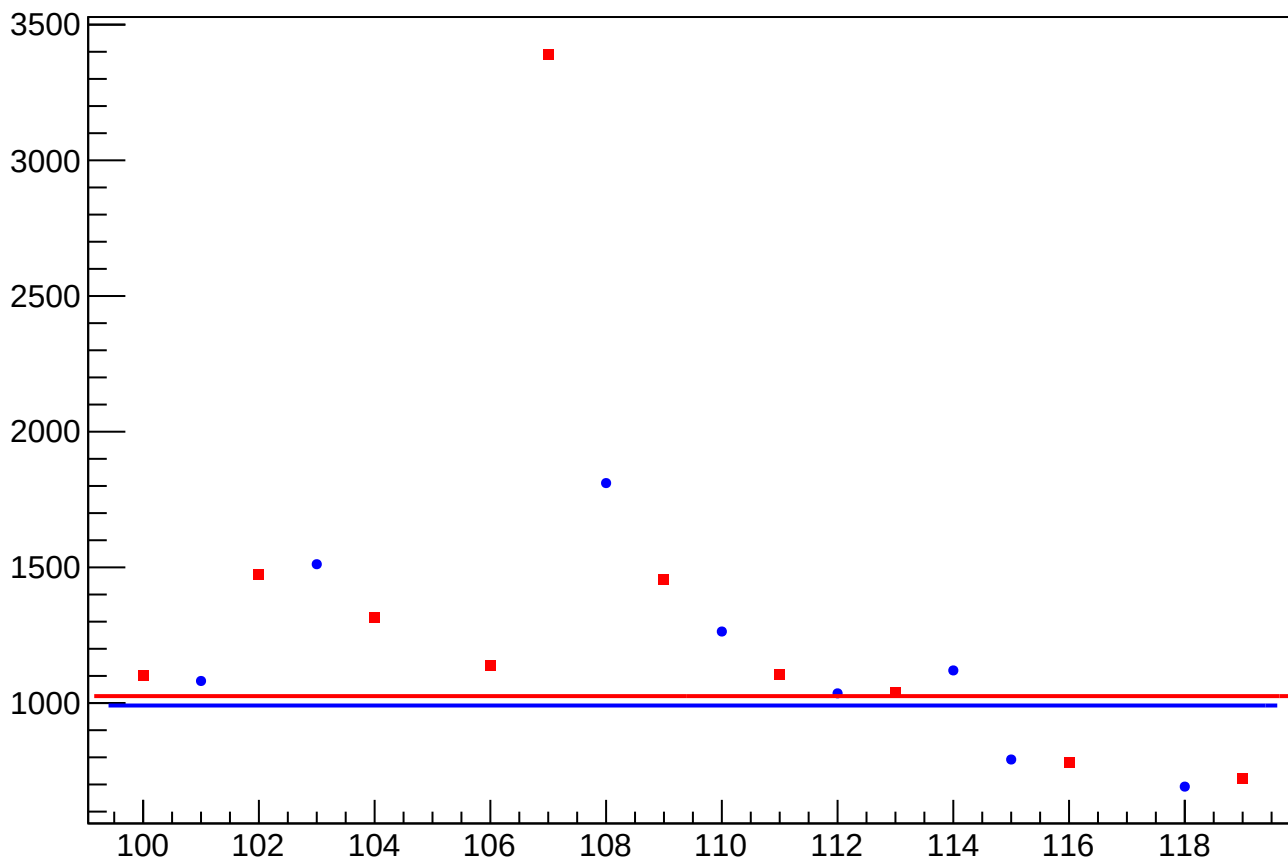
Right: 143.472 $\pm$ 388.678 χ^2 /NDF: 25.9/17

In: -369.907 $\pm$ 568.935 χ^2 /NDF:7.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.472 $\pm$ 388.678 χ^2 /NDF: 25.9/17

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

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

Right Out: 1025.625+/-0.376 χ^2/NDF : 766080.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

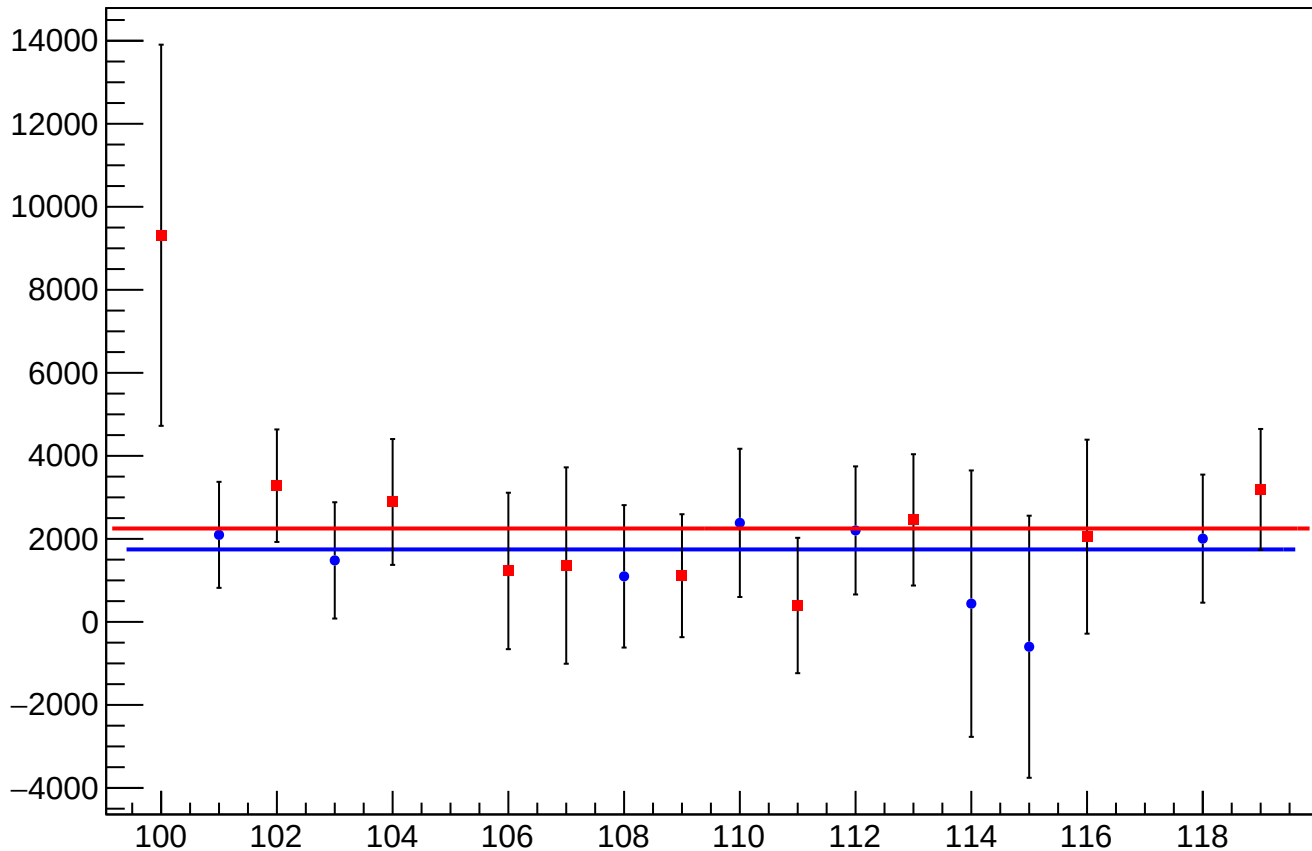
Right: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

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

Right Out: 2250.134+/-544.540 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

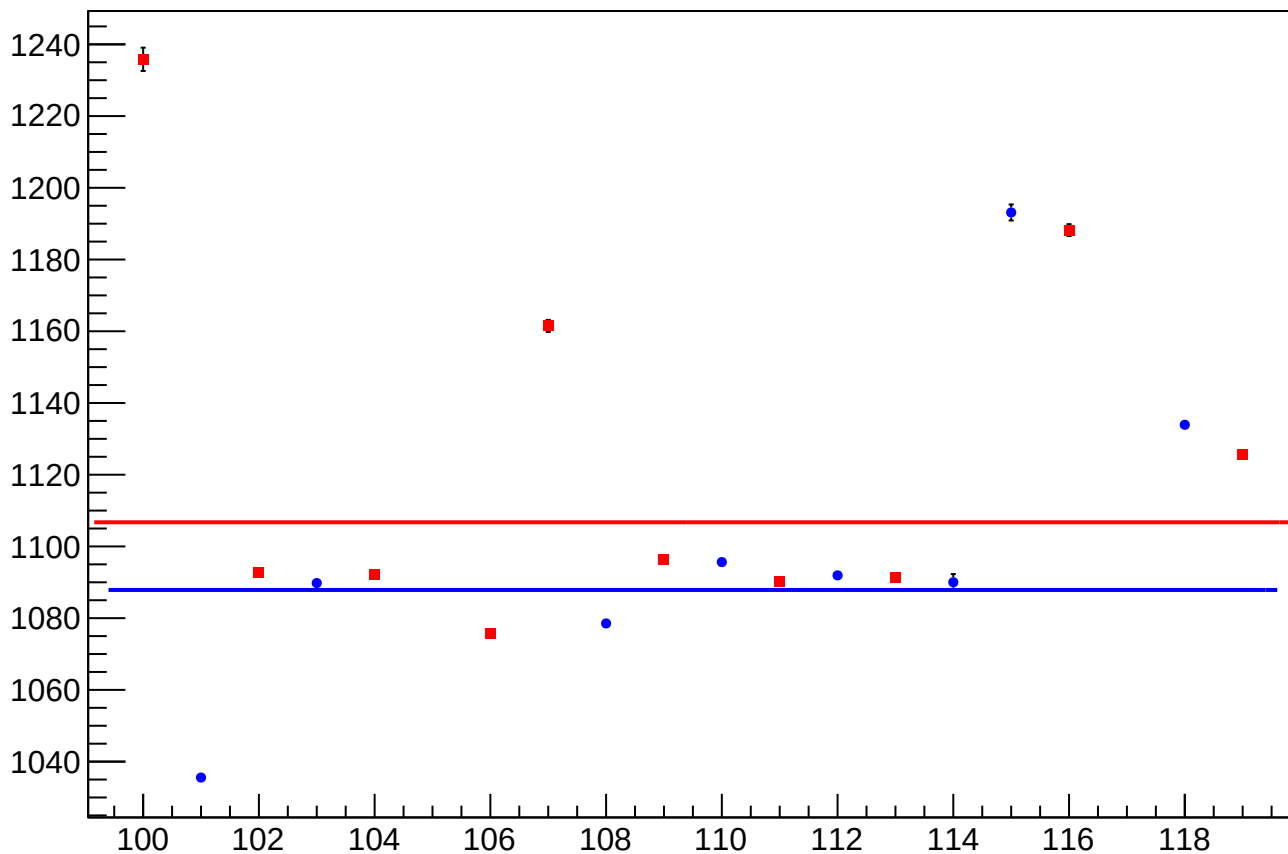
Right: 2020.828+/-402.061 χ^2/NDF : 7.5/17

In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.828+/-402.061 χ^2/NDF : 7.5/17

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1087.864 $\pm$ 0.422 χ^2 /NDF: 7476.7/7

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

Right Out: 1106.734 $\pm$ 0.385 χ^2 /NDF: 6847.1/9

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

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

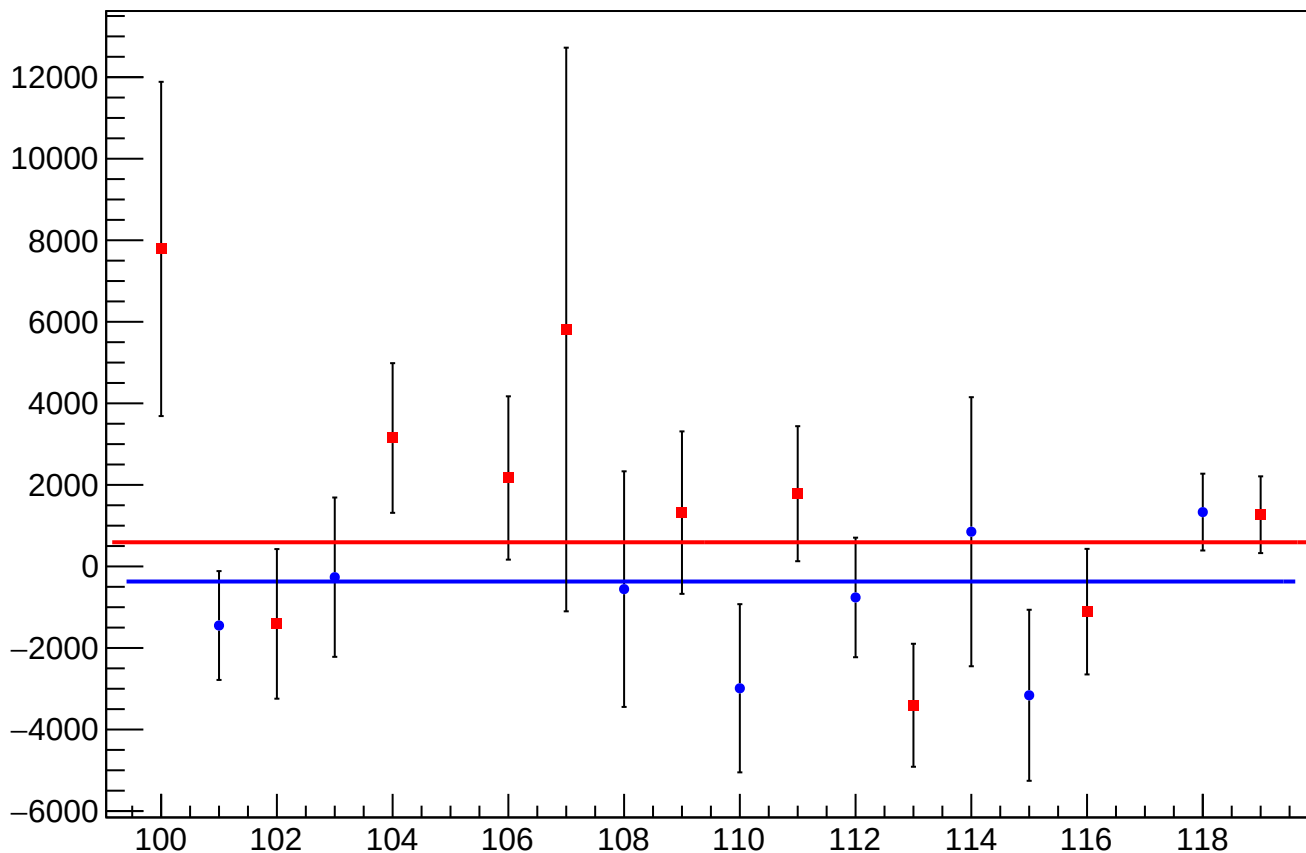
Right: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

In: 1087.864 $\pm$ 0.422 χ^2 /NDF:7476.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -369.907 $\pm$ 568.935 χ^2 /NDF: 7.5/7

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

Right Out: 592.773 $\pm$ 532.246 χ^2 /NDF: 16.8/9

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

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

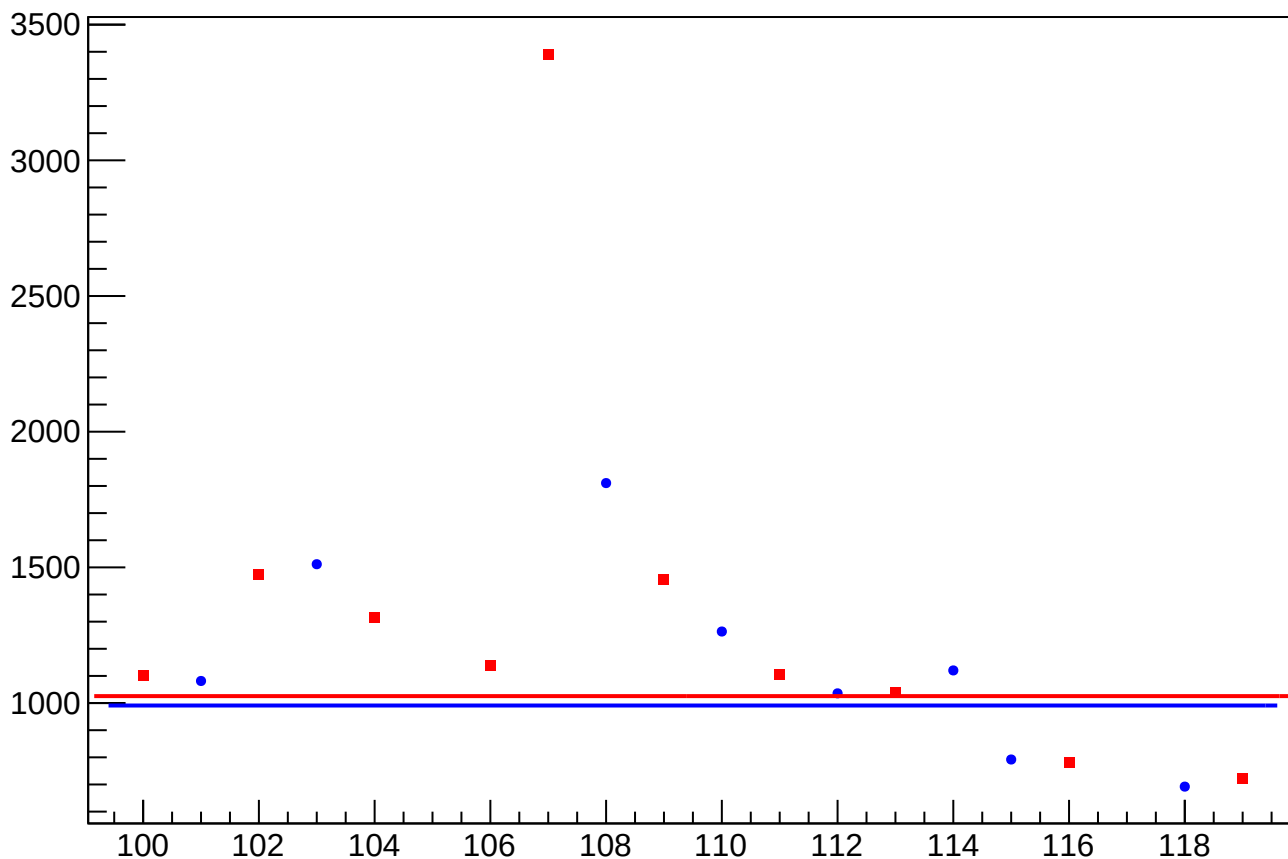
Right: 143.472 $\pm$ 388.678 χ^2 /NDF: 25.9/17

In: -369.907 $\pm$ 568.935 χ^2 /NDF:7.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.472 $\pm$ 388.678 χ^2 /NDF: 25.9/17

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

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

Right Out: 1025.625+/-0.376 χ^2/NDF : 766080.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

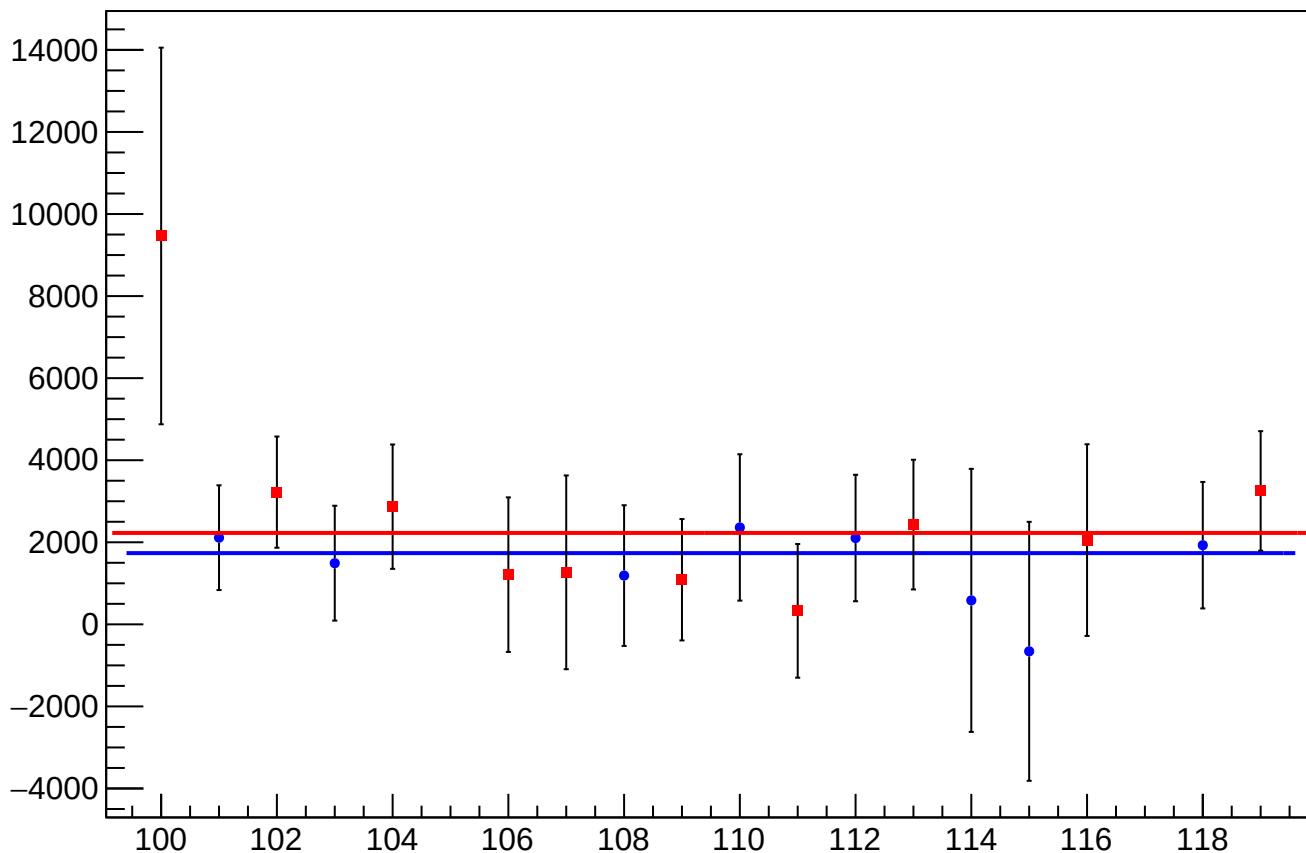
Right: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1736.018+/-595.684 χ^2/NDF : 1.1/7

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

Right Out: 2227.830+/-544.075 χ^2/NDF : 6.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

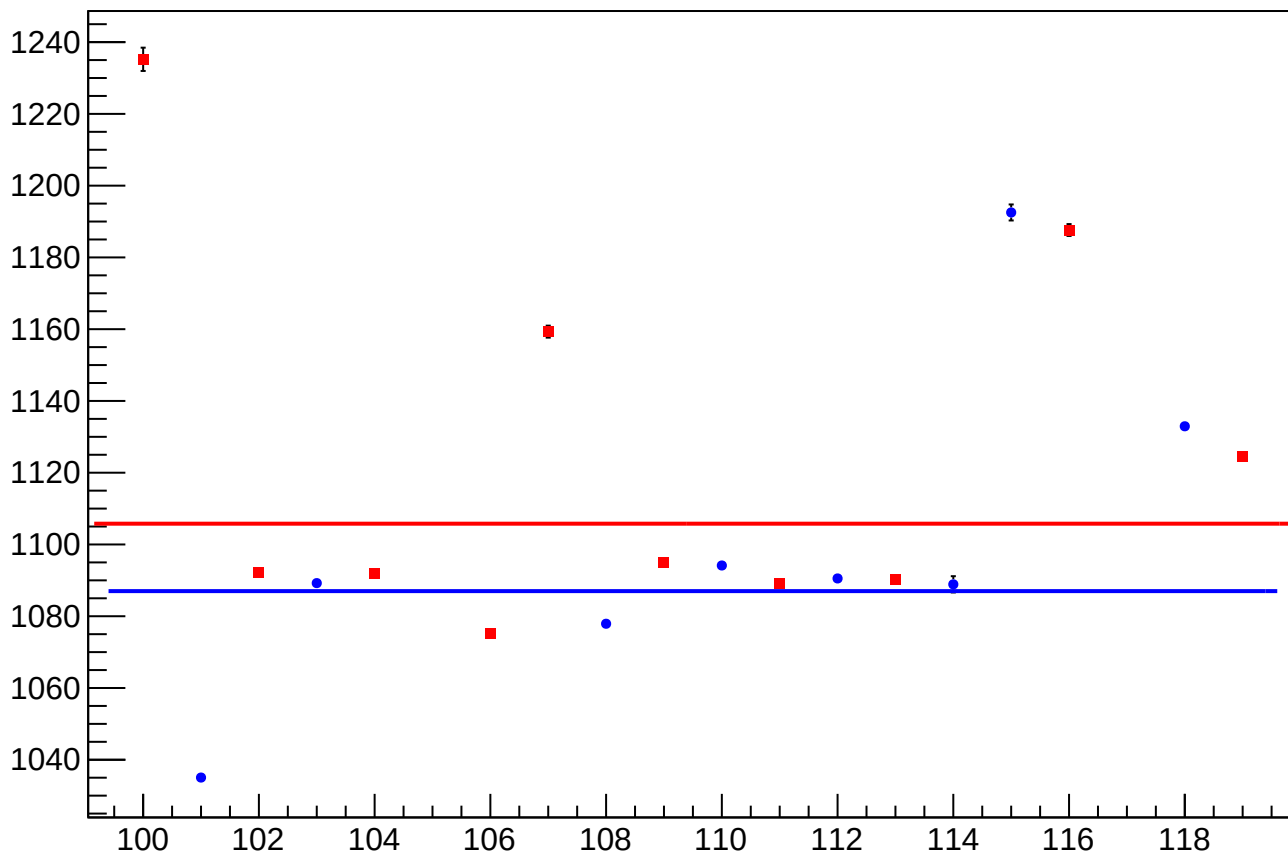
Right: 2004.148+/-401.728 χ^2/NDF : 7.6/17

In: 1736.018+/-595.684 χ^2/NDF : 1.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2004.148+/-401.728 χ^2/NDF : 7.6/17

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1087.000+/-0.421 χ^2/NDF : 7431.7/7

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

Right Out: 1105.792+/-0.385 χ^2/NDF : 6817.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

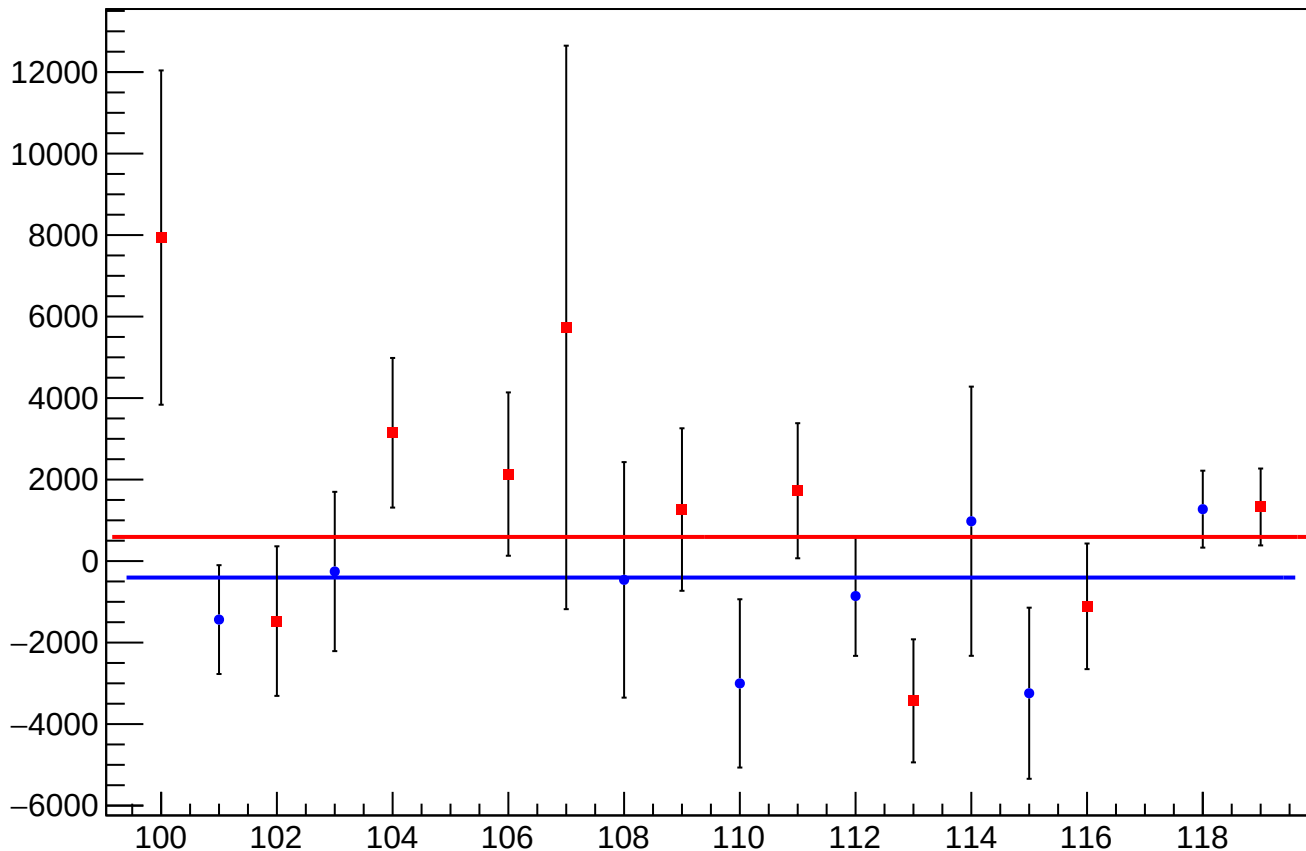
Right: 1097.246+/-0.284 χ^2/NDF : 15334.7/17

In: 1087.000+/-0.421 χ^2/NDF : 7431.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1097.246+/-0.284 χ^2/NDF : 15334.7/17

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -404.143+/-569.706 χ^2/NDF : 7.4/7

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

Right Out: 592.605+/-532.905 χ^2/NDF : 17.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

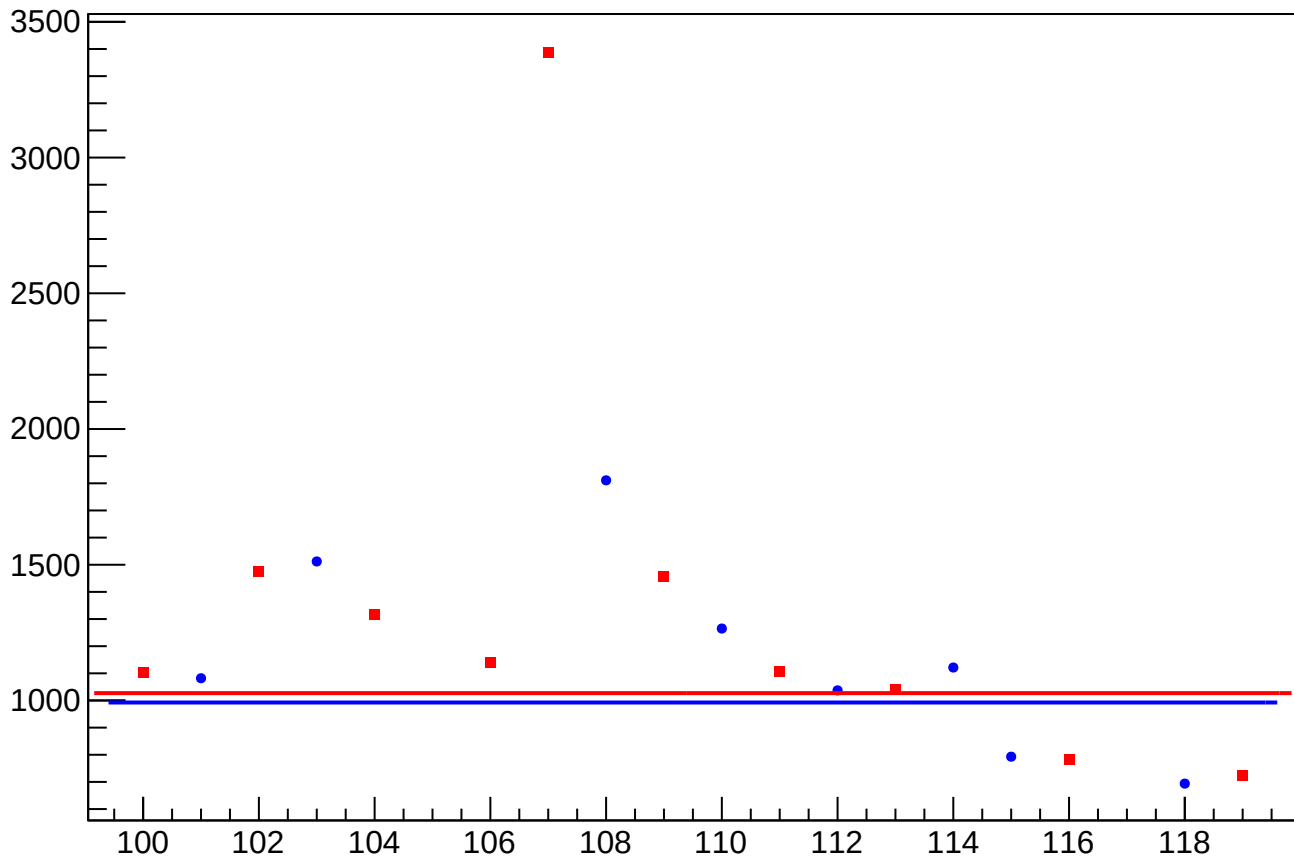
Right: 127.462+/-389.181 χ^2/NDF : 26.1/17

In: -404.143+/-569.706 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.462+/-389.181 χ^2/NDF : 26.1/17

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 992.540+/-0.403 χ^2/NDF : 568898.1/7

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

Right Out: 1027.097+/-0.377 χ^2/NDF : 763357.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

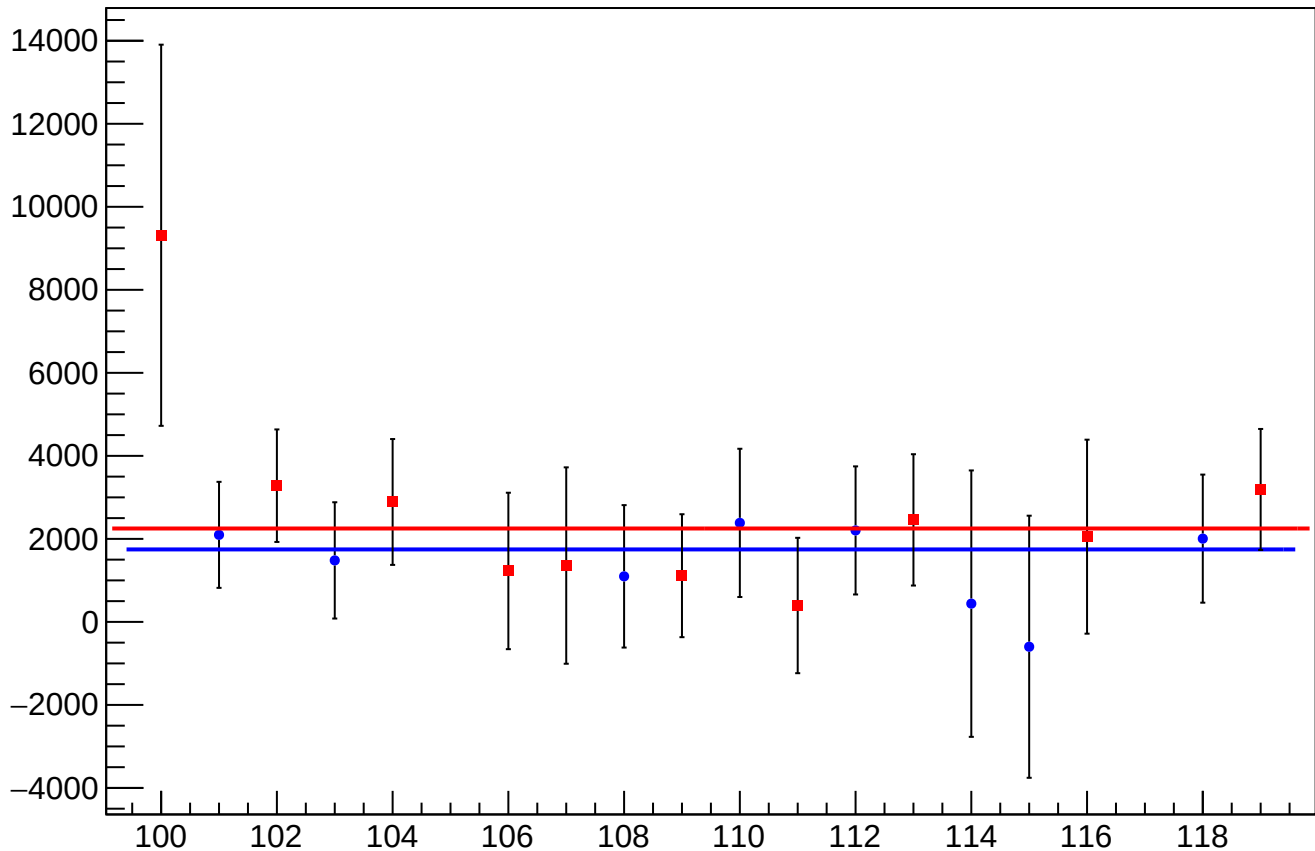
Right: 1010.971+/-0.275 χ^2/NDF : 1336180.1/17

In: 992.540+/-0.403 χ^2/NDF : 568898.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1010.971+/-0.275 χ^2/NDF : 1336180.1/17

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

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

Right Out: 2250.134+/-544.540 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

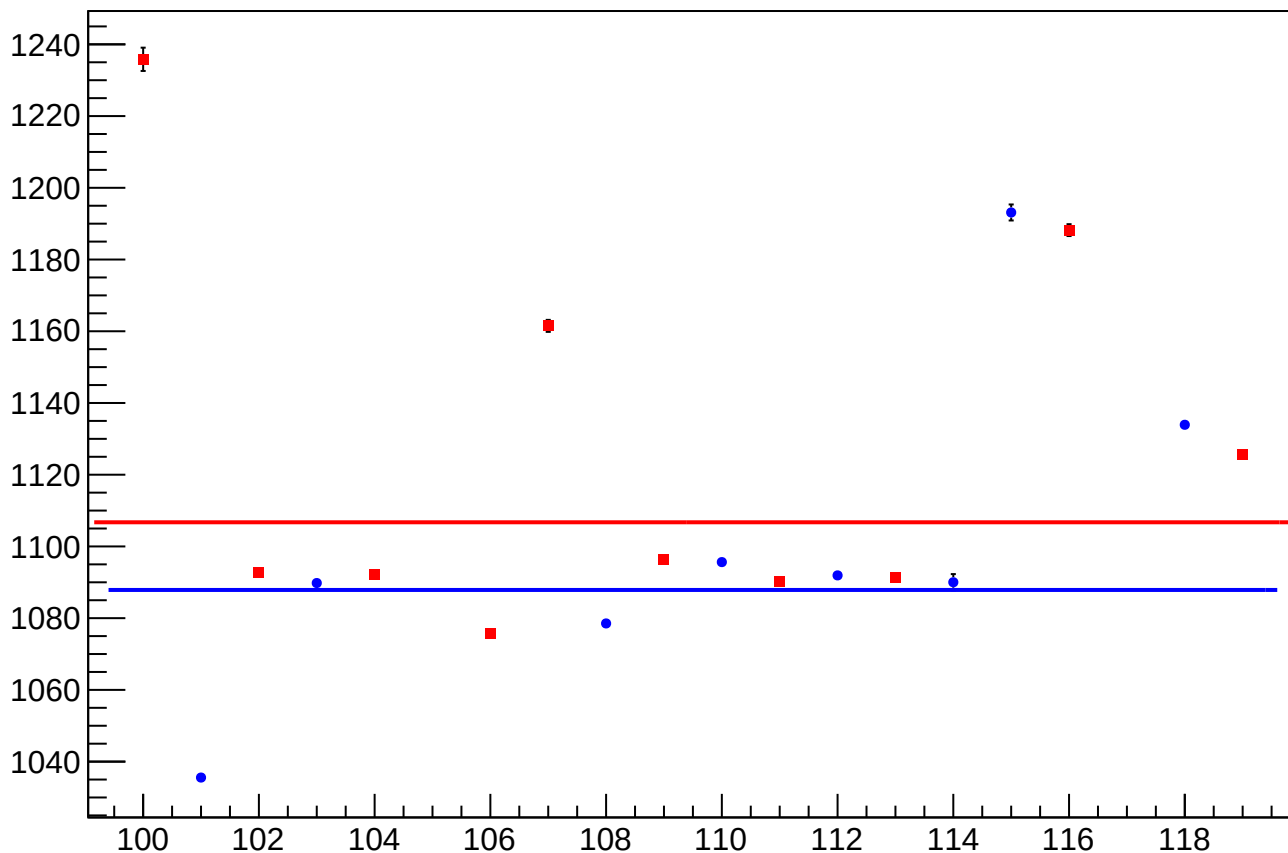
Right: 2020.828+/-402.061 χ^2/NDF : 7.5/17

In: 1745.988+/-596.159 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2020.828+/-402.061 χ^2/NDF : 7.5/17

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1087.864 $\pm$ 0.422 χ^2 /NDF: 7476.7/7

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

Right Out: 1106.734 $\pm$ 0.385 χ^2 /NDF: 6847.1/9

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

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

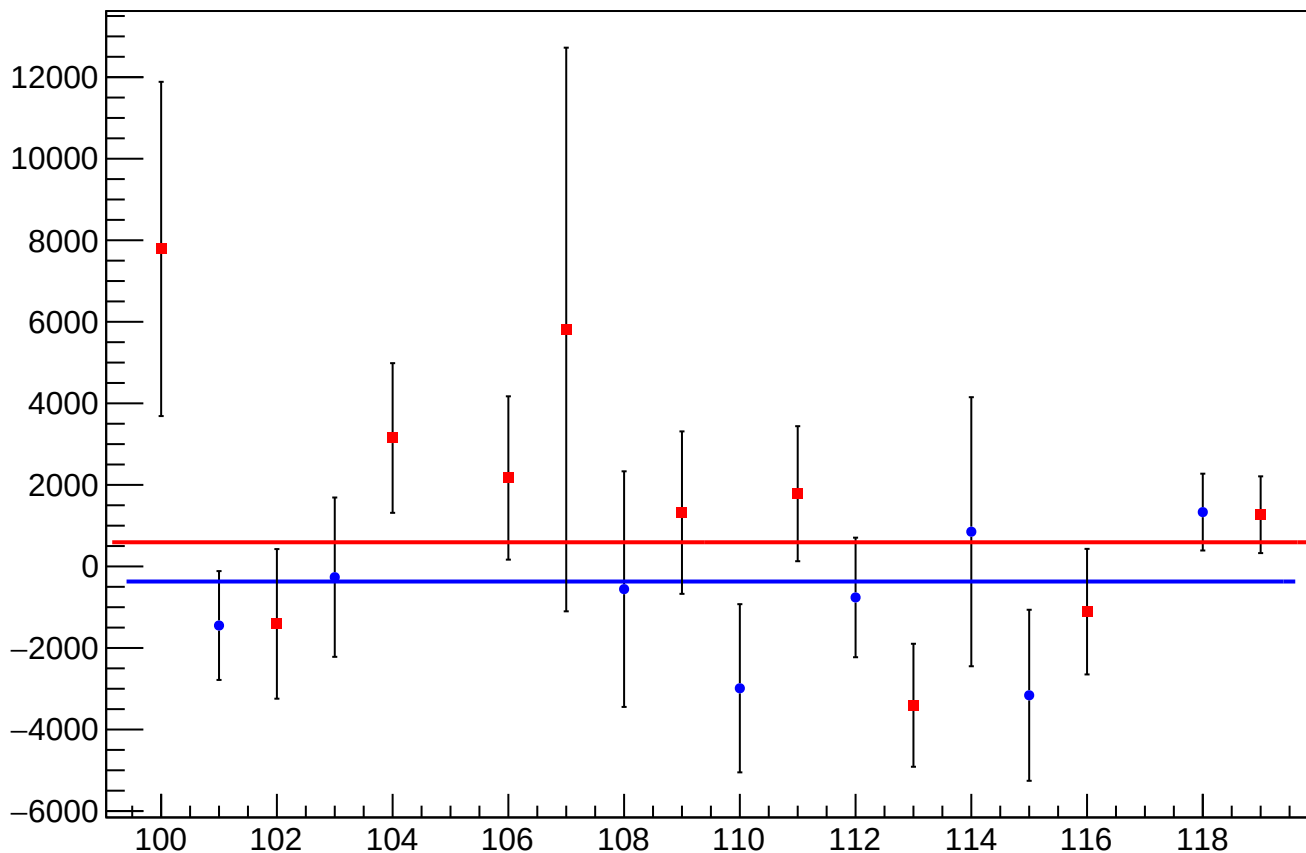
Right: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

In: 1087.864 $\pm$ 0.422 χ^2 /NDF:7476.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.151 $\pm$ 0.284 χ^2 /NDF: 15416.2/17

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -369.907+/-568.935 χ^2/NDF : 7.5/7

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

Right Out: 592.773+/-532.246 χ^2/NDF : 16.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

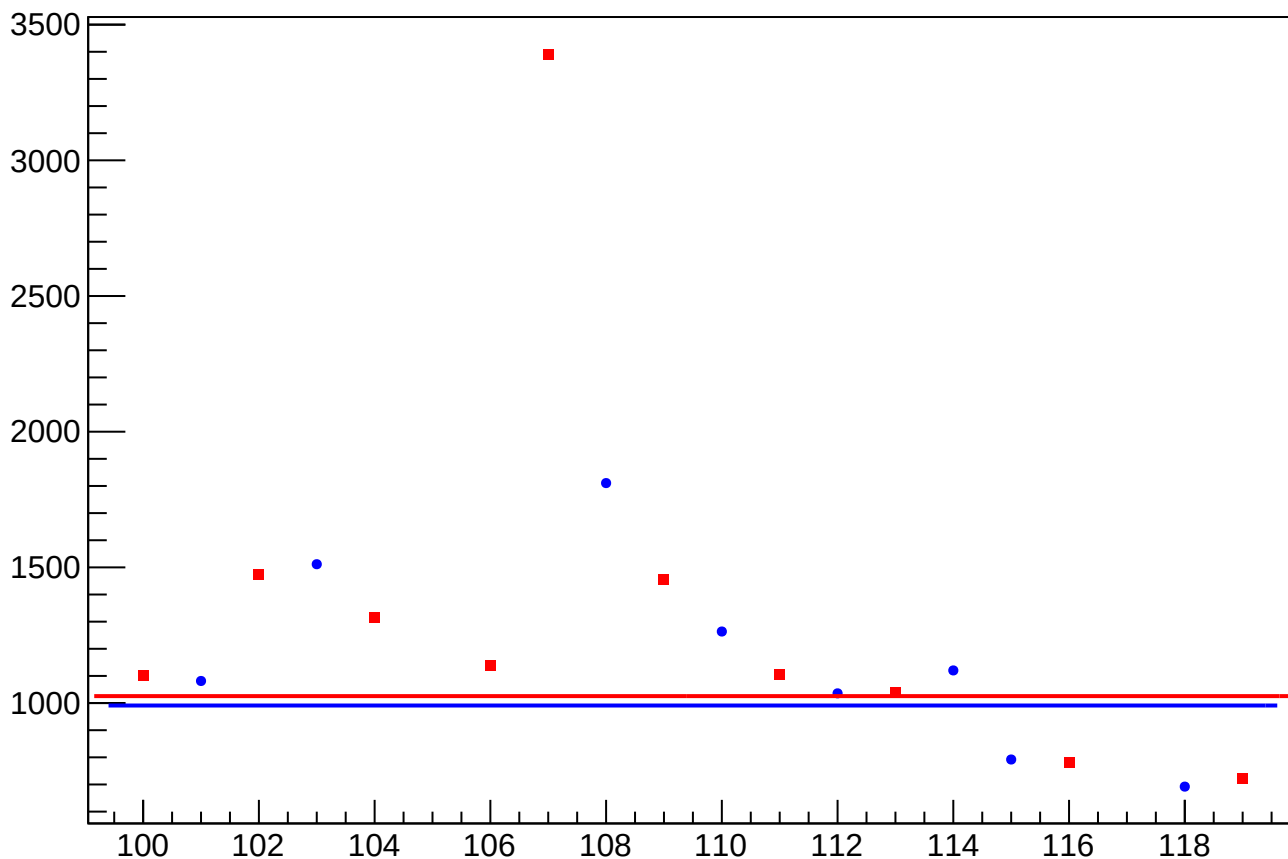
Right: 143.472+/-388.678 χ^2/NDF : 25.9/17

In: -369.907+/-568.935 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.472+/-388.678 χ^2/NDF : 25.9/17

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

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

Right Out: 1025.625+/-0.376 χ^2/NDF : 766080.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

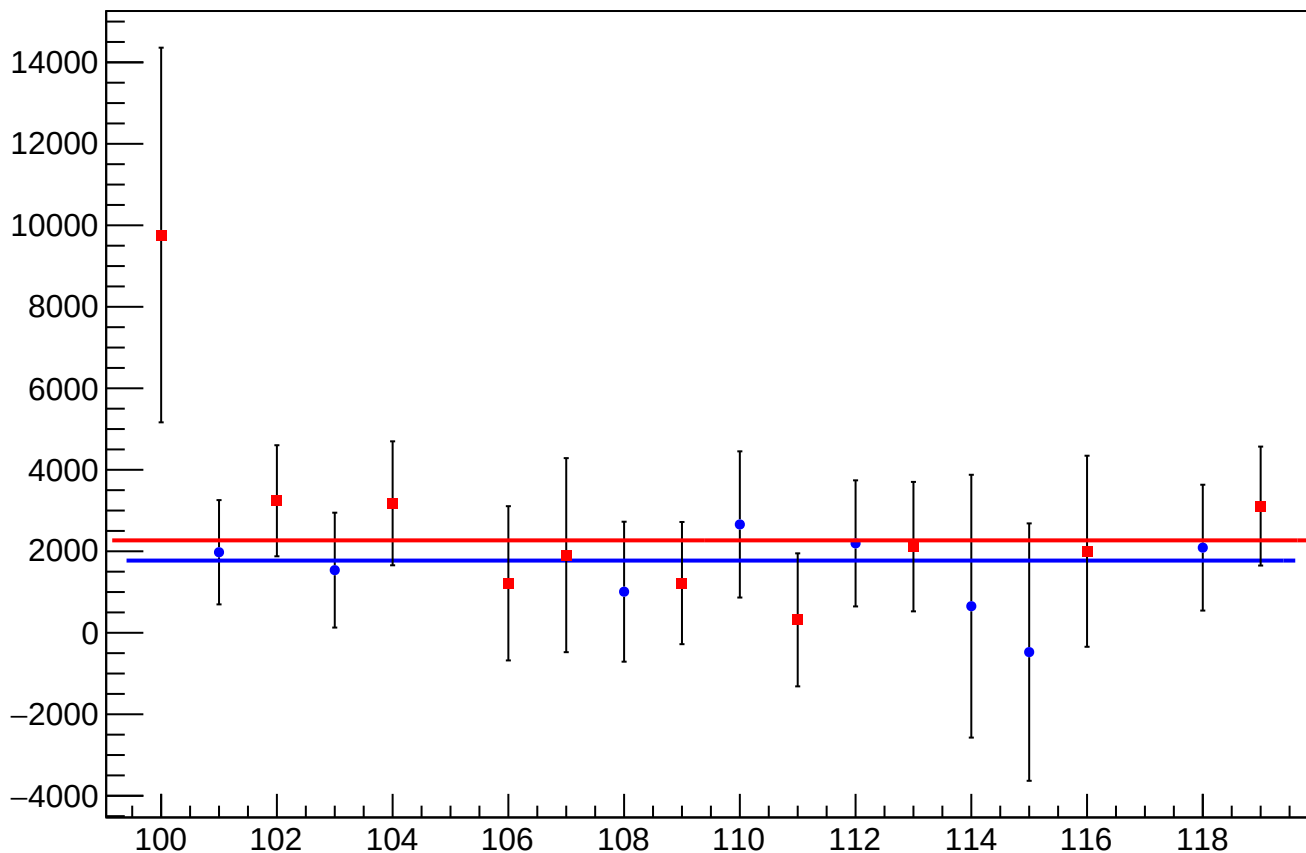
Right: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

In: 990.986+/-0.402 χ^2/NDF : 571444.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1009.458+/-0.275 χ^2/NDF : 1341478.1/17

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1772.182+/-597.959 χ^2/NDF : 1.2/7

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

Right Out: 2268.068+/-547.098 χ^2/NDF : 6.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

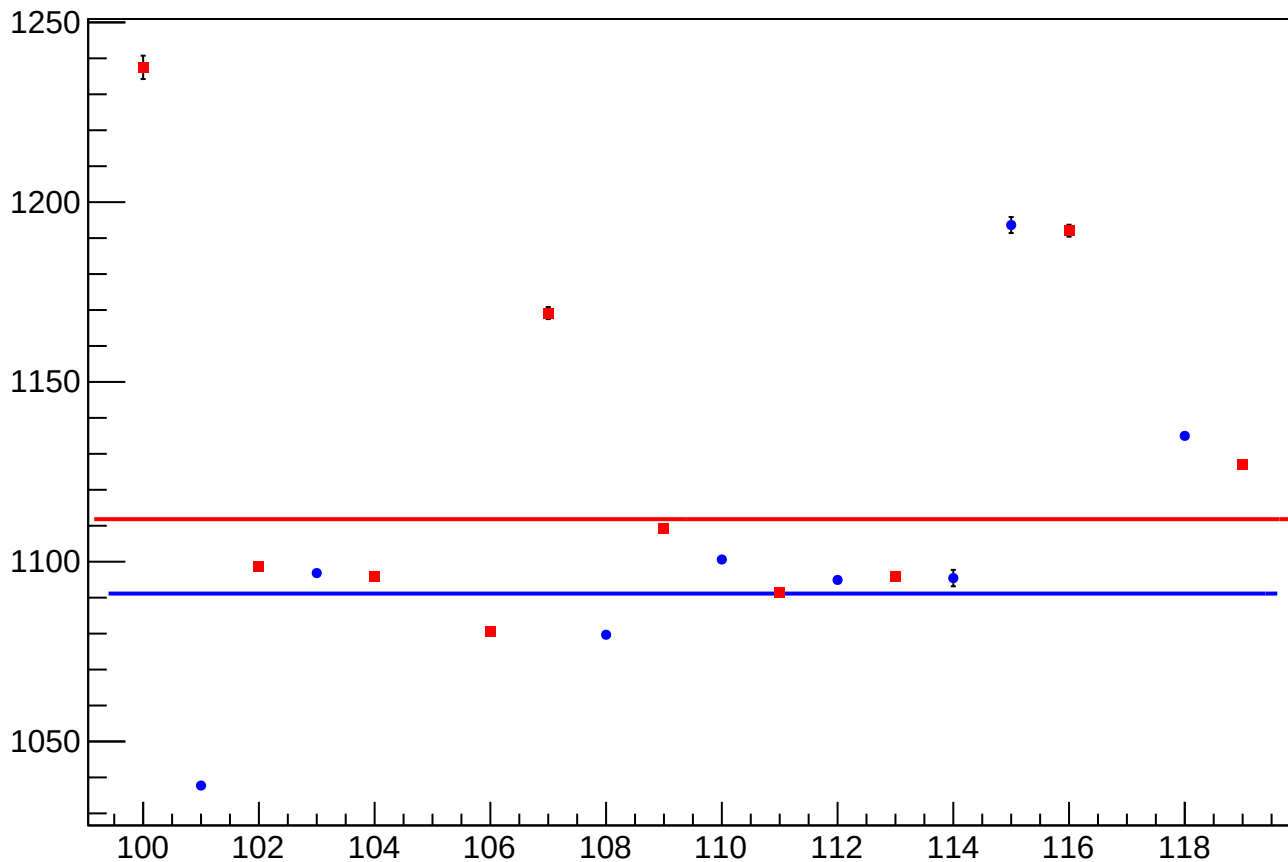
Right: 2042.108+/-403.642 χ^2/NDF : 7.7/17

In: 1772.182+/-597.959 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.108+/-403.642 χ^2/NDF : 7.7/17

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1091.135+/-0.423 χ^2/NDF : 7393.8/7

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

Right Out: 1111.831+/-0.387 χ^2/NDF : 6680.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

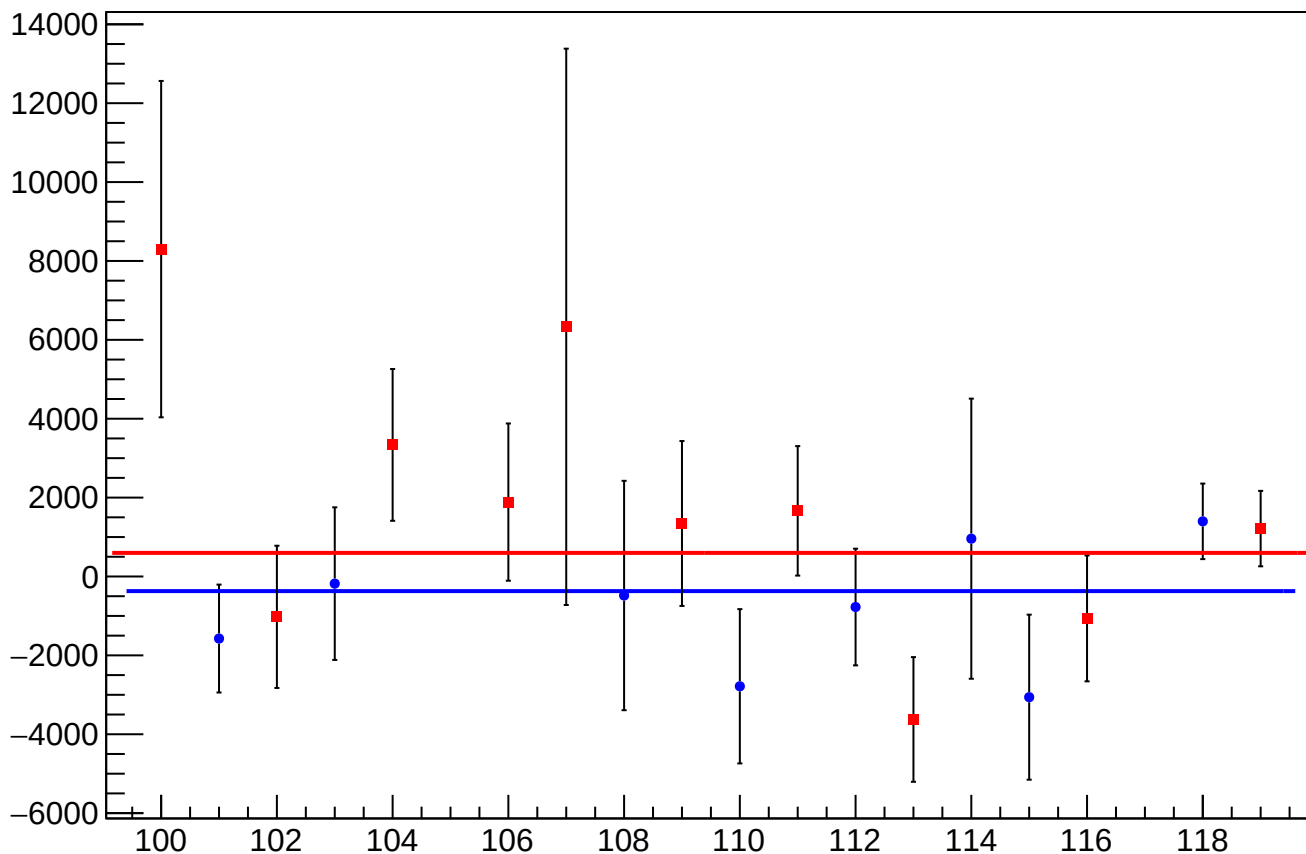
Right: 1102.400+/-0.285 χ^2/NDF : 15377.9/17

In: 1091.135+/-0.423 χ^2/NDF : 7393.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.400+/-0.285 χ^2/NDF : 15377.9/17

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -370.793+/-573.893 χ^2/NDF : 7.6/7

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

Right Out: 598.574+/-543.088 χ^2/NDF : 16.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

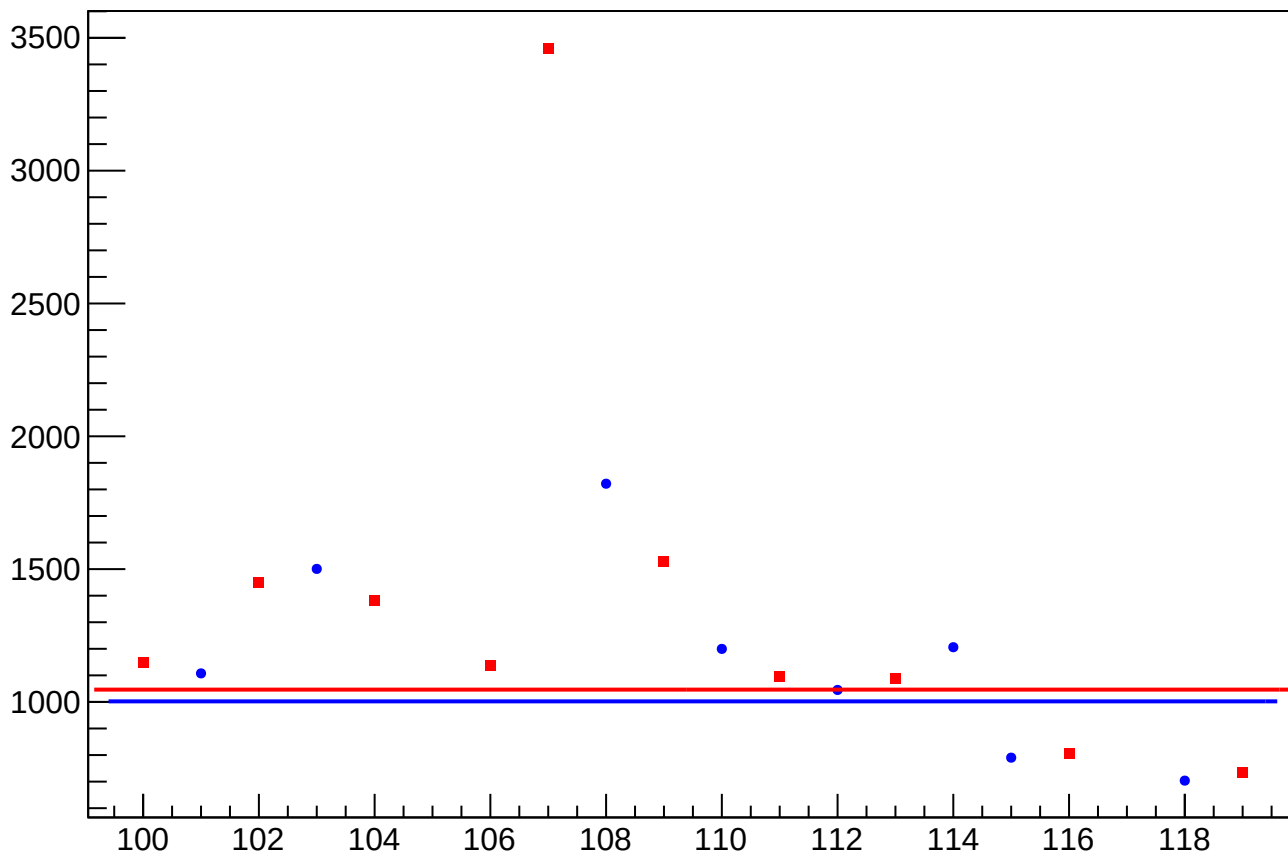
Right: 140.604+/-394.462 χ^2/NDF : 25.4/17

In: -370.793+/-573.893 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.604+/-394.462 χ^2/NDF : 25.4/17

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.154+/-0.406 χ^2/NDF : 546901.7/7

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

Right Out: 1046.373+/-0.384 χ^2/NDF : 769765.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

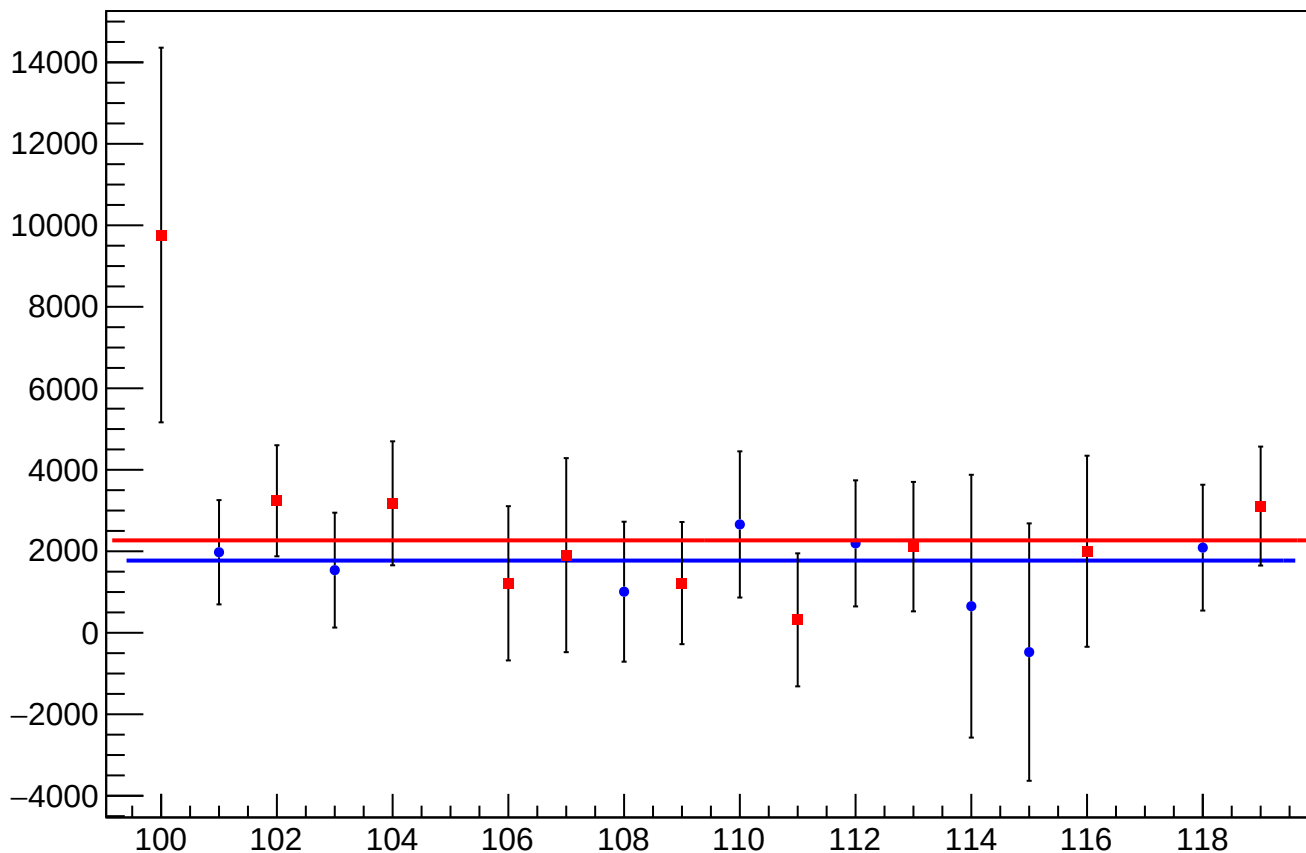
Right: 1025.482+/-0.279 χ^2/NDF : 1322931.3/17

In: 1002.154+/-0.406 χ^2/NDF : 546901.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.482+/-0.279 χ^2/NDF : 1322931.3/17

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1772.183+/-597.959 χ^2/NDF : 1.2/7

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

Right Out: 2268.065+/-547.098 χ^2/NDF : 6.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

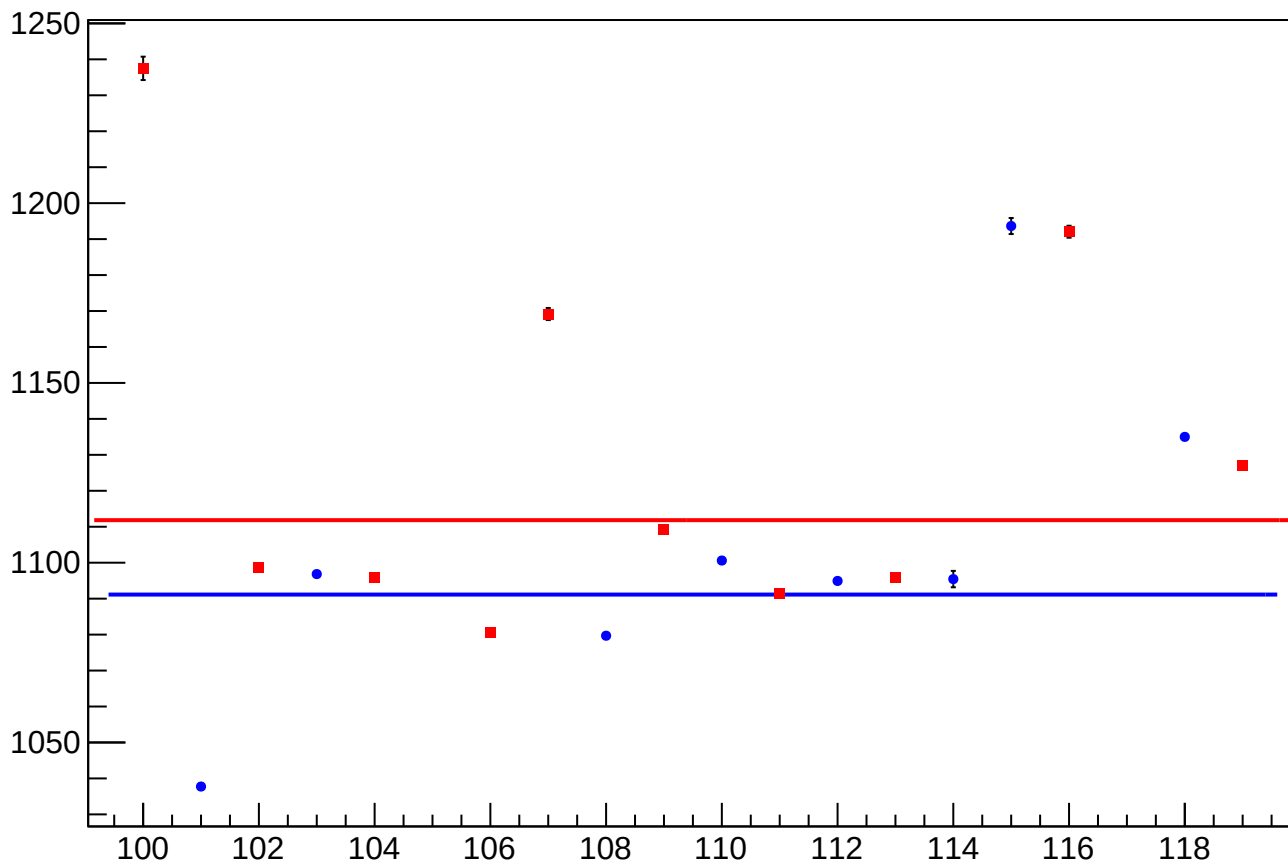
Right: 2042.106+/-403.642 χ^2/NDF : 7.7/17

In: 1772.183+/-597.959 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2042.106+/-403.642 χ^2/NDF : 7.7/17

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1091.135+/-0.423 χ^2/NDF : 7393.8/7

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

Right Out: 1111.830+/-0.387 χ^2/NDF : 6680.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

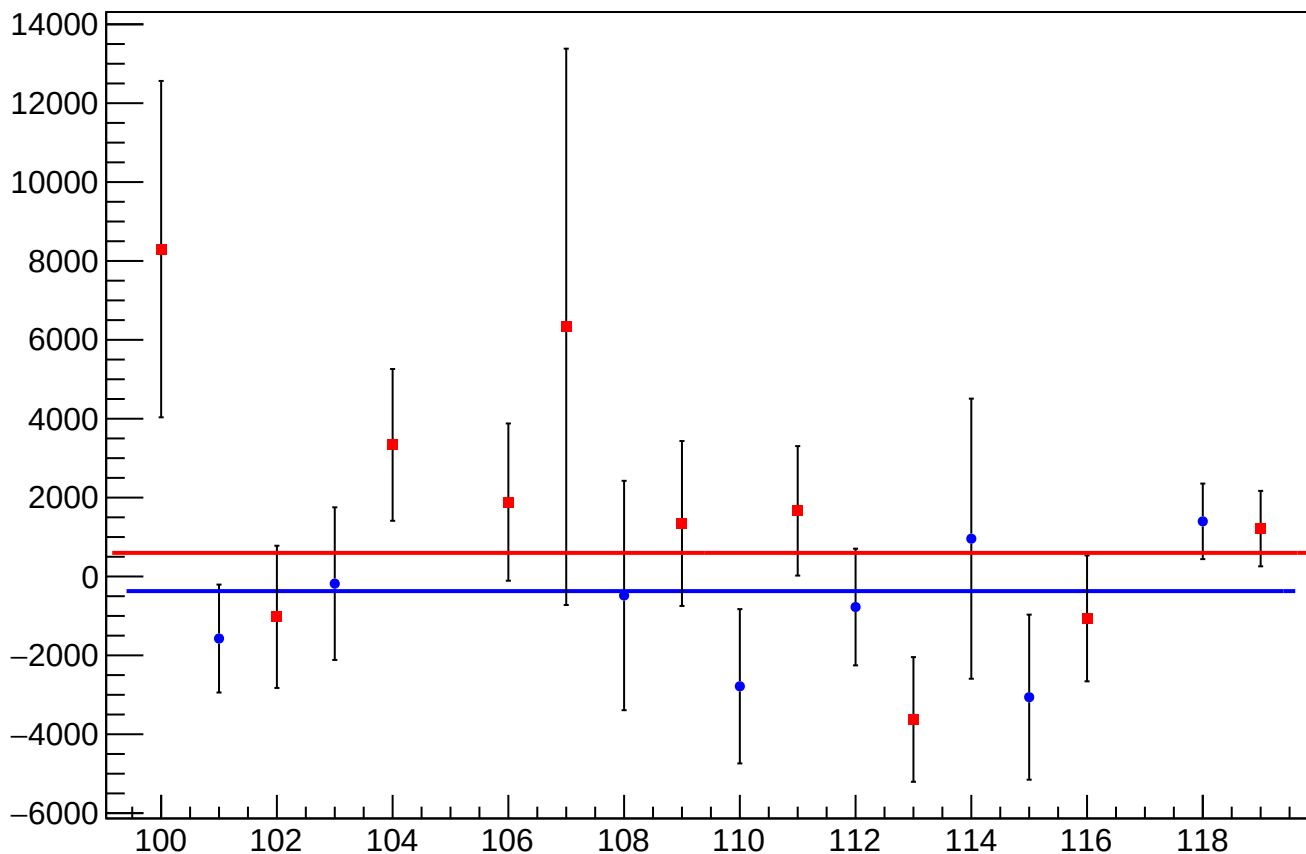
Right: 1102.400+/-0.285 χ^2/NDF : 15377.8/17

In: 1091.135+/-0.423 χ^2/NDF :7393.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1102.400+/-0.285 χ^2/NDF : 15377.8/17

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -370.792+/-573.892 χ^2/NDF : 7.6/7

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

Right Out: 598.574+/-543.087 χ^2/NDF : 16.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

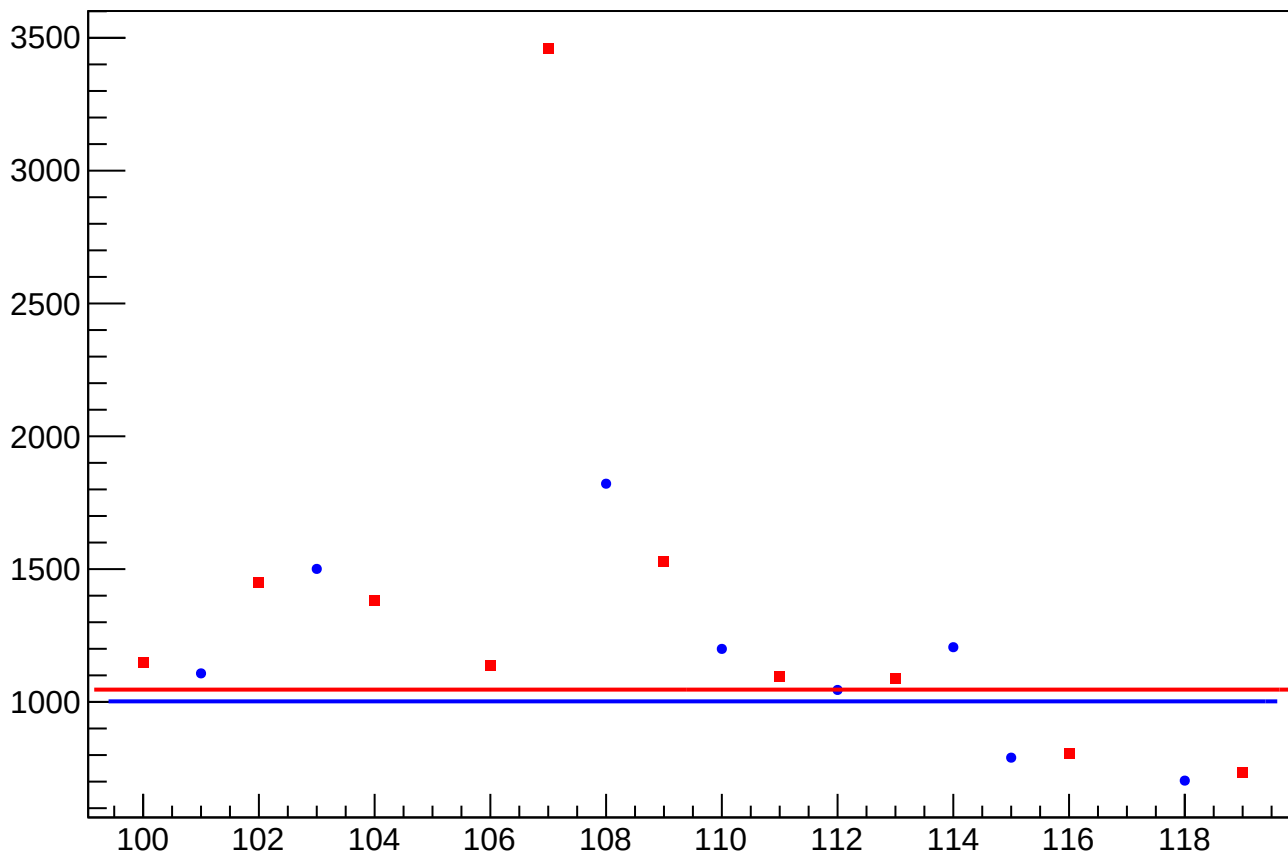
Right: 140.605+/-394.461 χ^2/NDF : 25.4/17

In: -370.792+/-573.892 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.605+/-394.461 χ^2/NDF : 25.4/17

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1002.153+/-0.406 χ^2/NDF : 546903.4/7

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

Right Out: 1046.371+/-0.384 χ^2/NDF : 769765.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

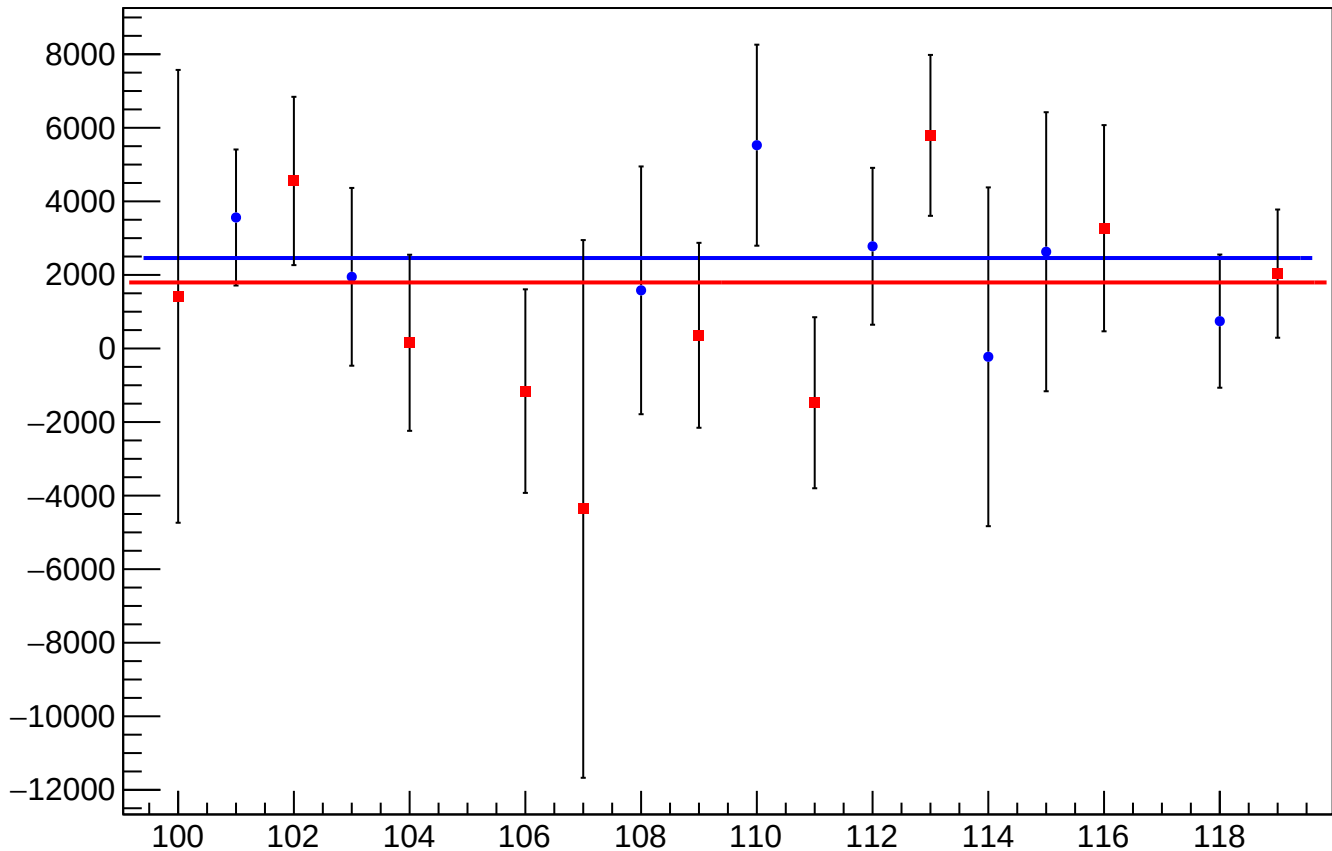
Right: 1025.480+/-0.279 χ^2/NDF : 1322932.9/17

In: 1002.153+/-0.406 χ^2/NDF : 546903.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.480+/-0.279 χ^2/NDF : 1322932.9/17

asym_usl_mean vs Slug, Sign Corrected



Right In: 2459.491+/-868.009 χ^2/NDF : 3.0/7

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

Right Out: 1795.286+/-803.268 χ^2/NDF : 9.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

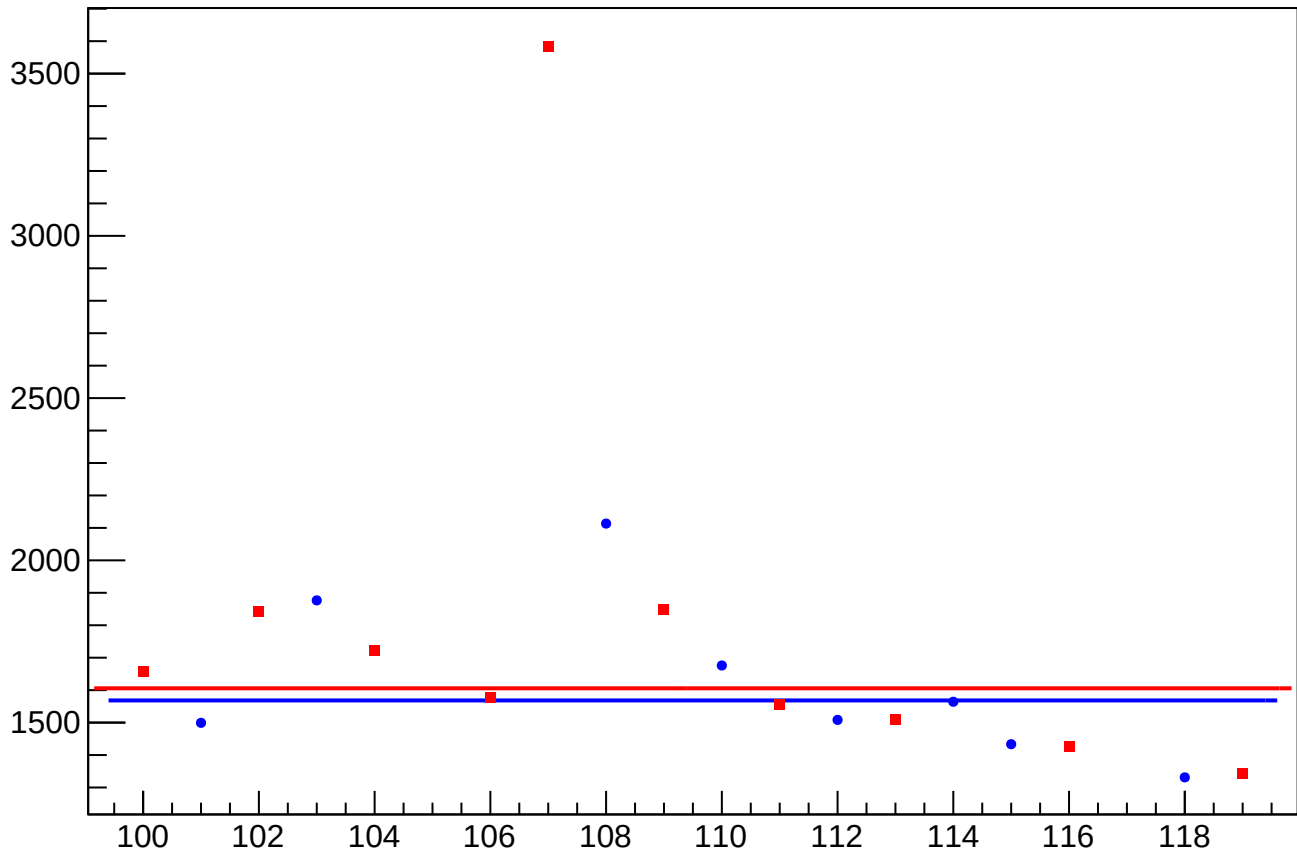
Right: 2101.697+/-589.557 χ^2/NDF : 13.0/17

In: 2459.491+/-868.009 χ^2/NDF : 3.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.697+/-589.557 χ^2/NDF : 13.0/17

asym_usl_rms vs Slug, Sign Corrected



Right In: 1568.274+/-0.614 χ^2/NDF : 129248.2/7

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

Right Out: 1605.627+/-0.568 χ^2/NDF : 250082.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

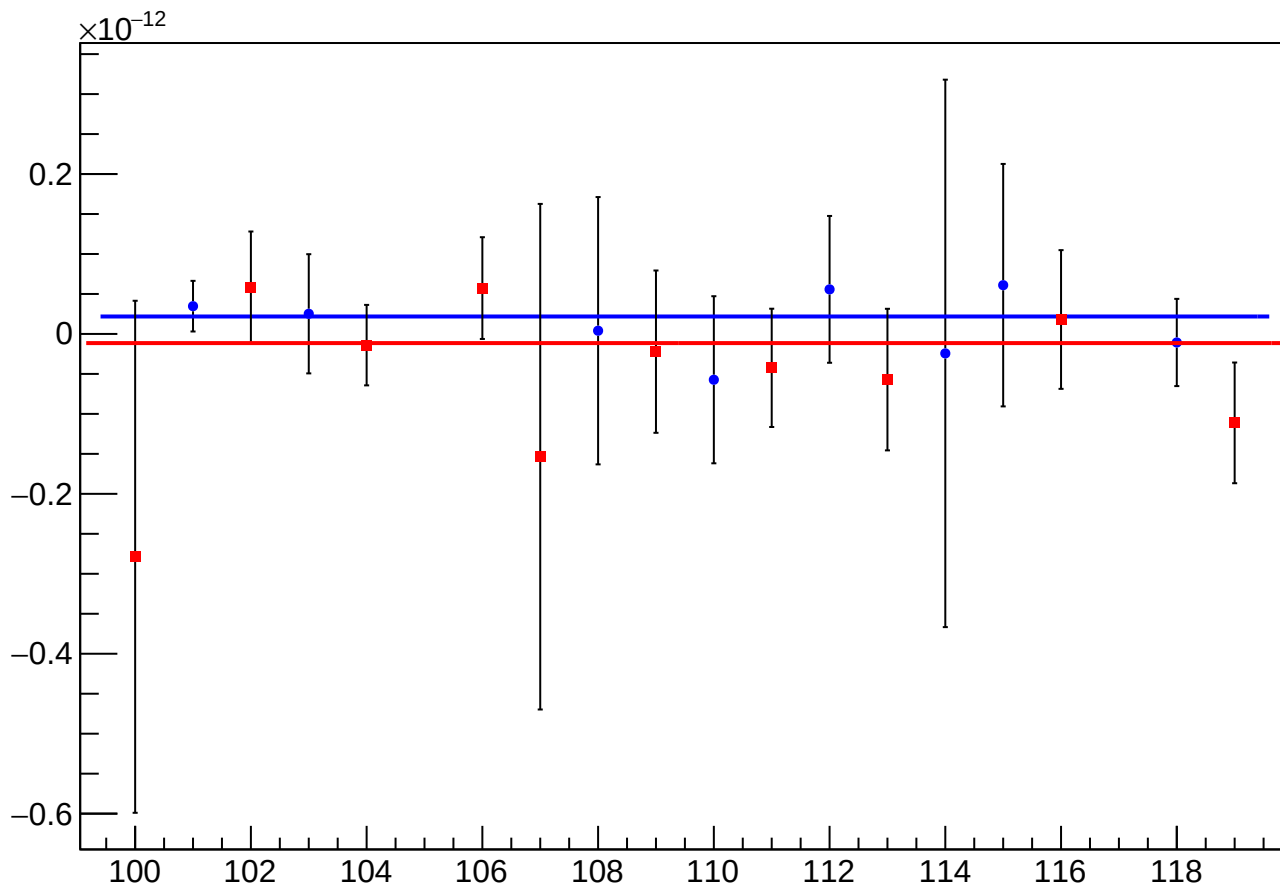
Right: 1588.395+/-0.417 χ^2/NDF : 381325.9/17

In: 1568.274+/-0.614 χ^2/NDF : 129248.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.395+/-0.417 χ^2/NDF : 381325.9/17

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

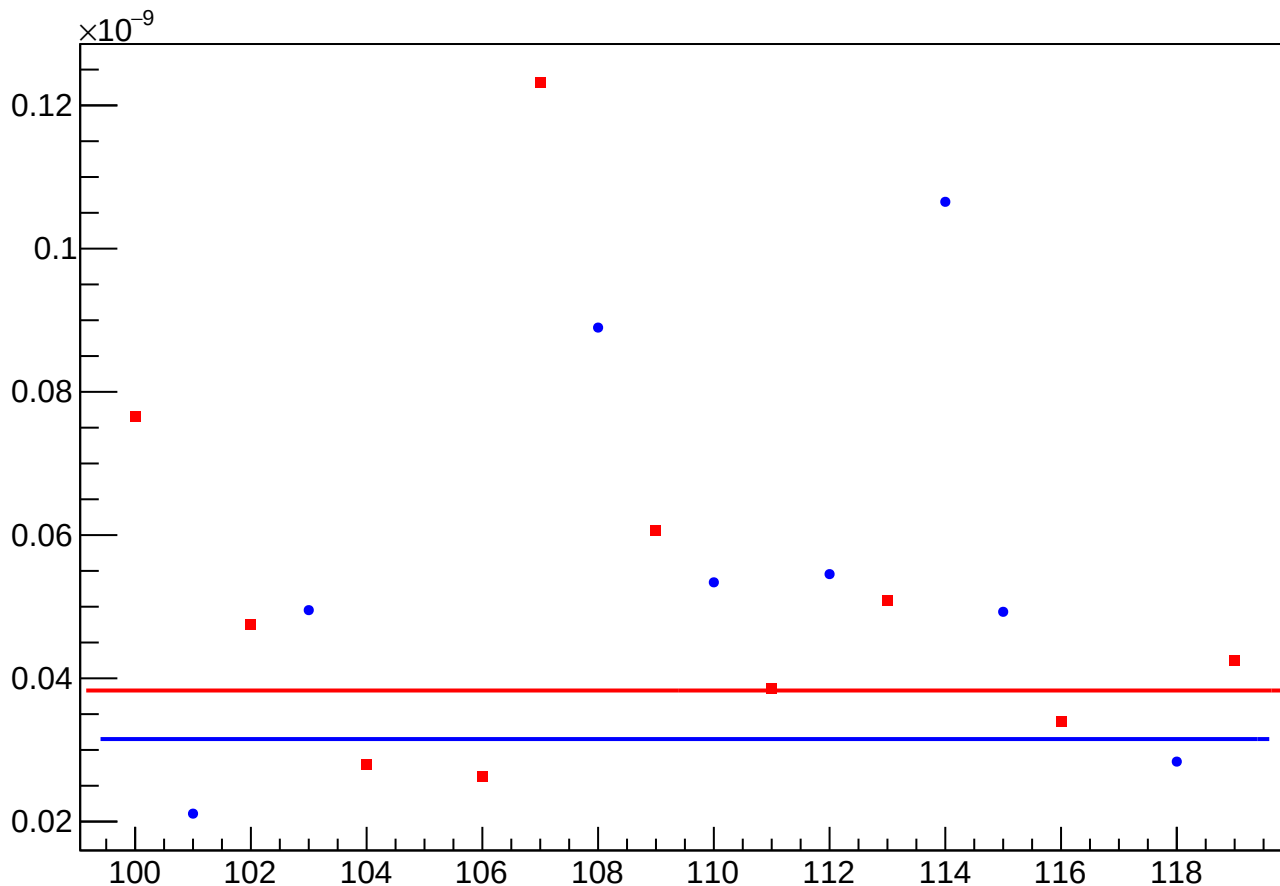
Right: 0.000+/-0.000 χ^2/NDF : 7.6/17

In: 0.000+/-0.000 χ^2/NDF : 1.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.6/17

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 912877.4/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 512318.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

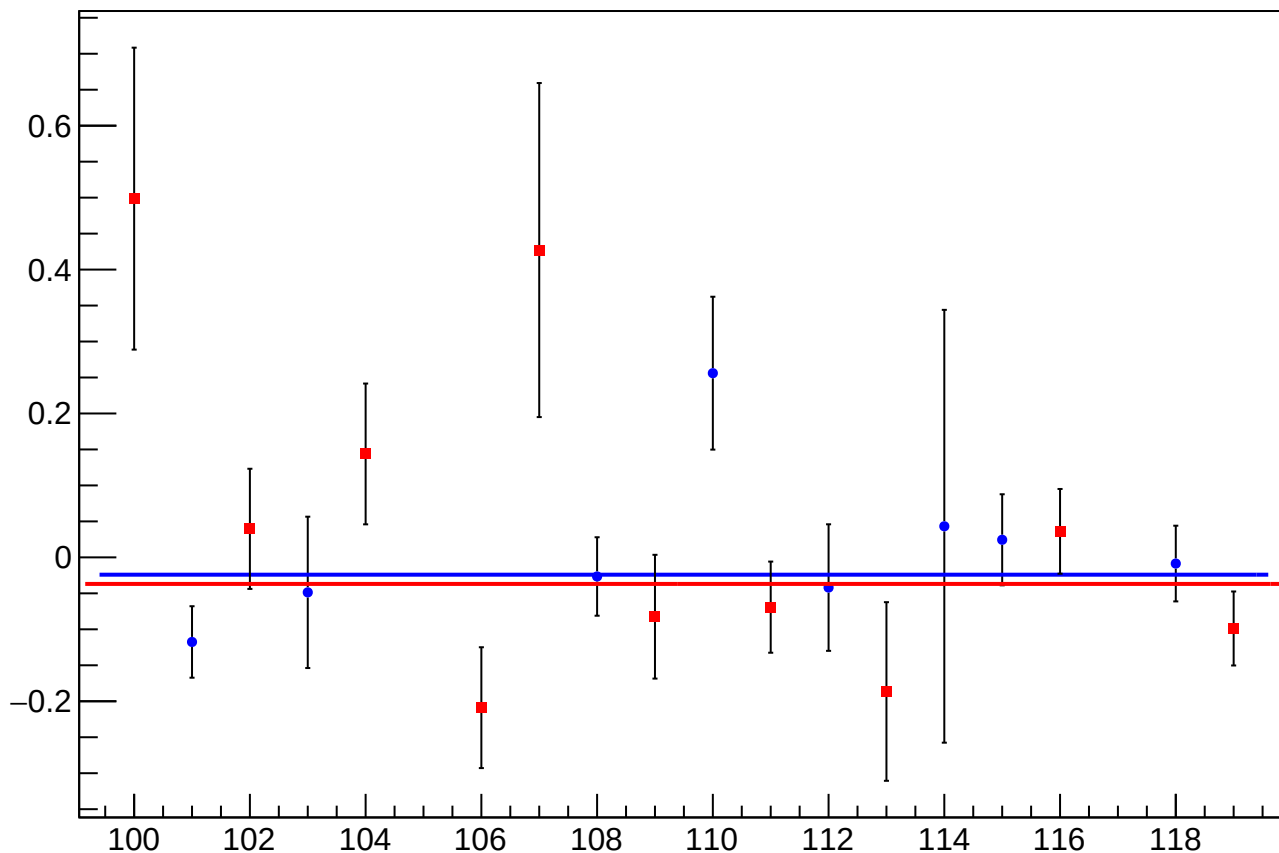
Right: 0.000+/-0.000 χ^2/NDF : 1502820.2/17

In: 0.000+/-0.000 χ^2/NDF : 912877.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1502820.2/17

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024 $\pm$ 0.024 χ^2 /NDF: 11.3/7

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

Right Out: -0.037 $\pm$ 0.025 χ^2 /NDF: 23.9/9

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

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

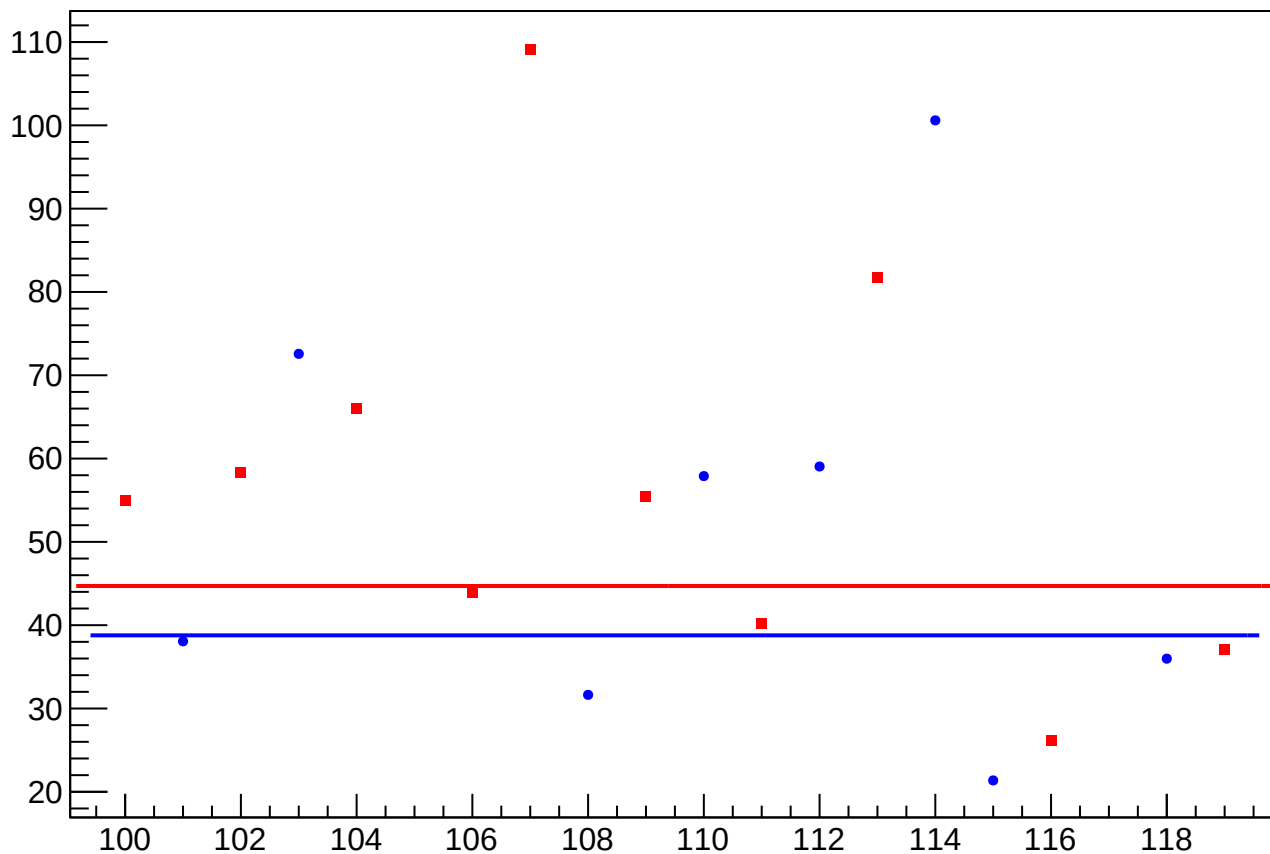
Right: -0.030 $\pm$ 0.018 χ^2 /NDF: 35.4/17

In: -0.024 $\pm$ 0.024 χ^2 /NDF:11.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.030 $\pm$ 0.018 χ^2 /NDF: 35.4/17

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.781+/-0.017 χ^2/NDF : 653671.3/7

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

Right Out: 44.707+/-0.018 χ^2/NDF : 766738.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

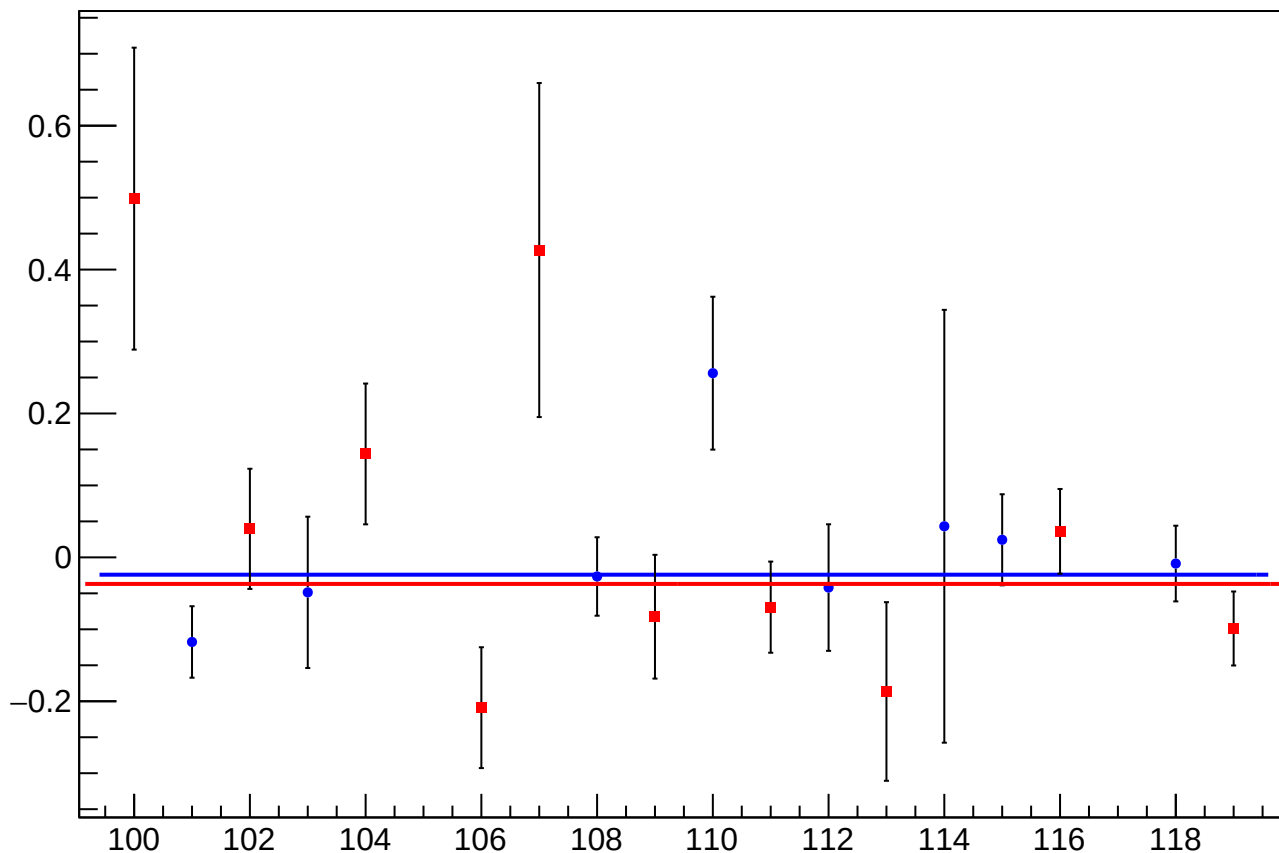
Right: 41.629+/-0.012 χ^2/NDF : 1476851.9/17

In: 38.781+/-0.017 χ^2/NDF : 653671.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.629+/-0.012 χ^2/NDF : 1476851.9/17

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2/NDF : 11.3/7

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

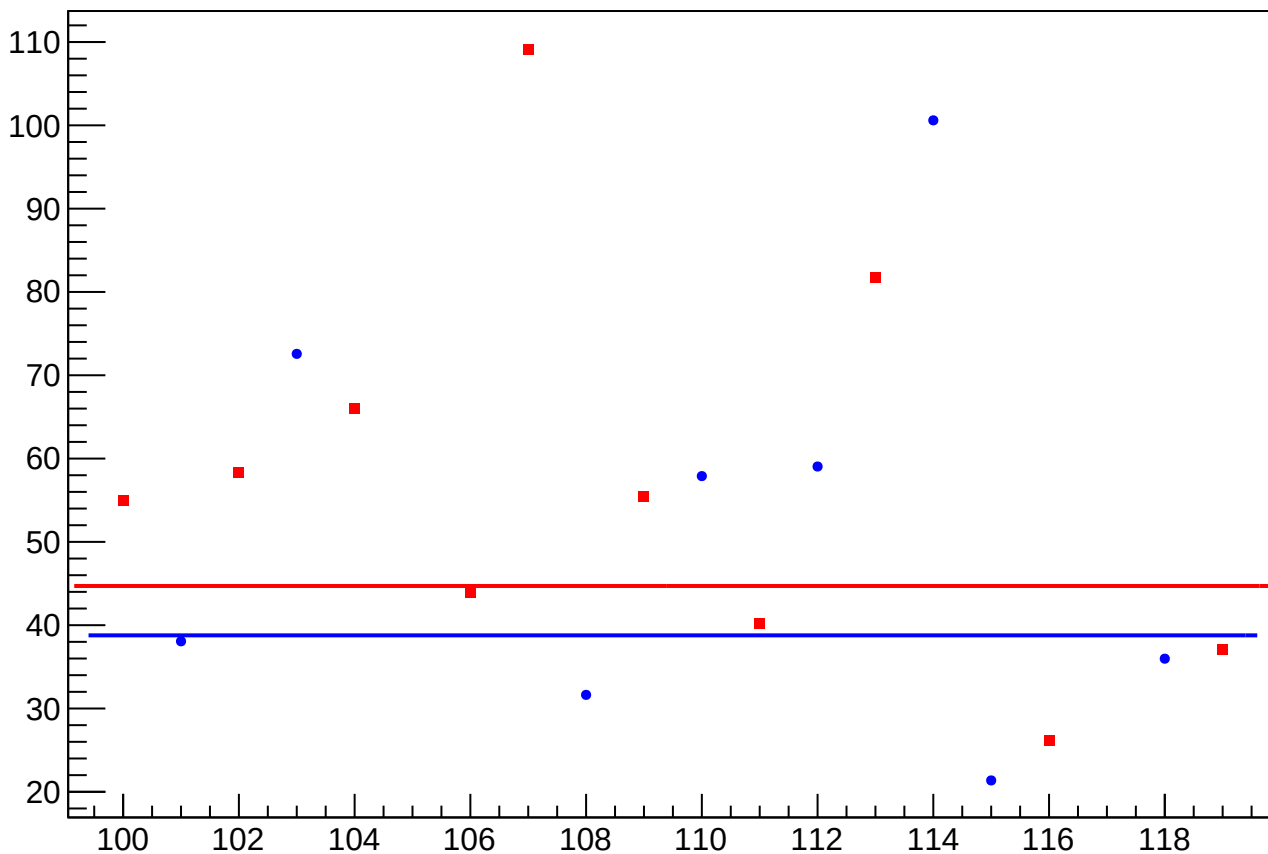
Right: -0.030+/-0.018 χ^2/NDF : 35.4/17

In: -0.024+/-0.024 χ^2/NDF : 11.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.018 χ^2/NDF : 35.4/17

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.781+/-0.017 χ^2/NDF : 653671.3/7

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

Right Out: 44.707+/-0.018 χ^2/NDF : 766738.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

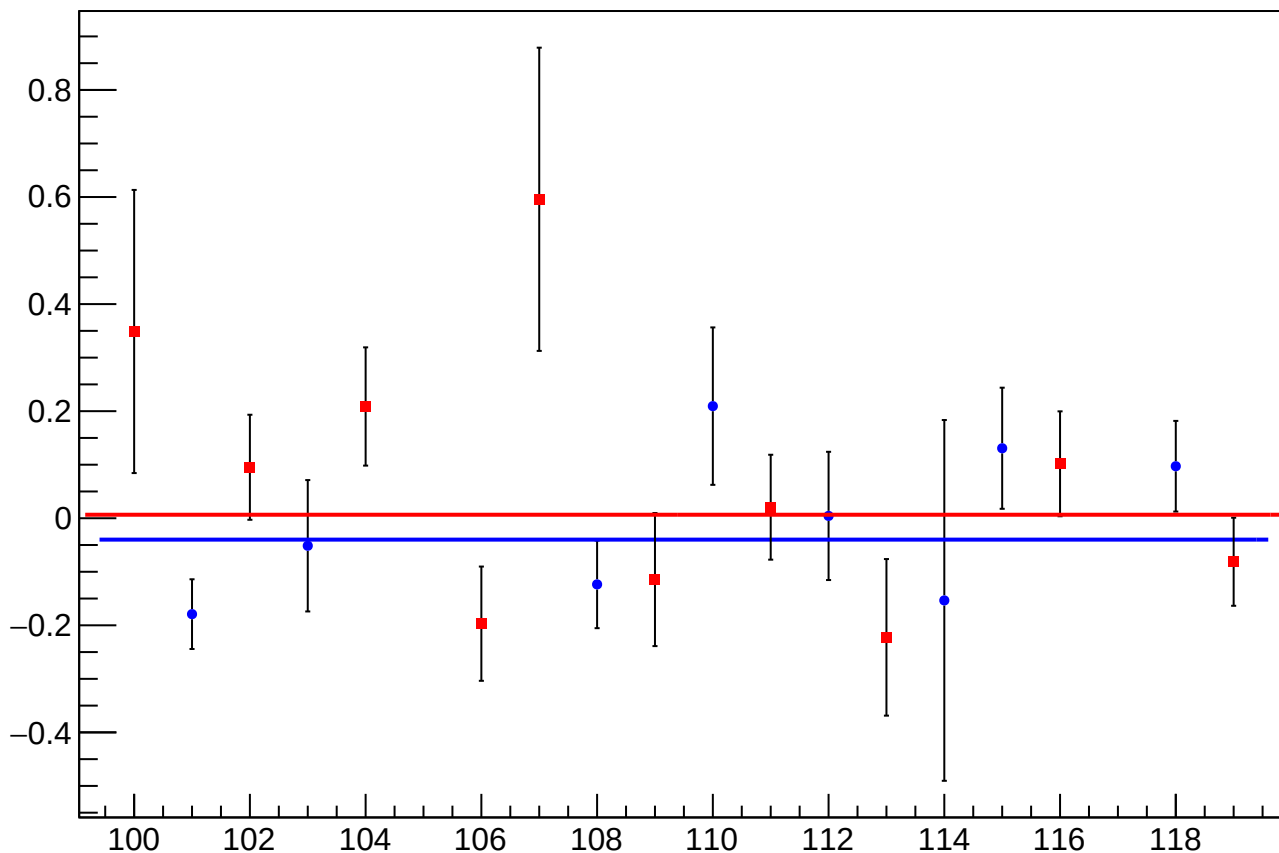
Right: 41.629+/-0.012 χ^2/NDF : 1476851.9/17

In: 38.781+/-0.017 χ^2/NDF :653671.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.629+/-0.012 χ^2/NDF : 1476851.9/17

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.035 χ^2/NDF : 13.6/7

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

Right Out: 0.007+/-0.036 χ^2/NDF : 19.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

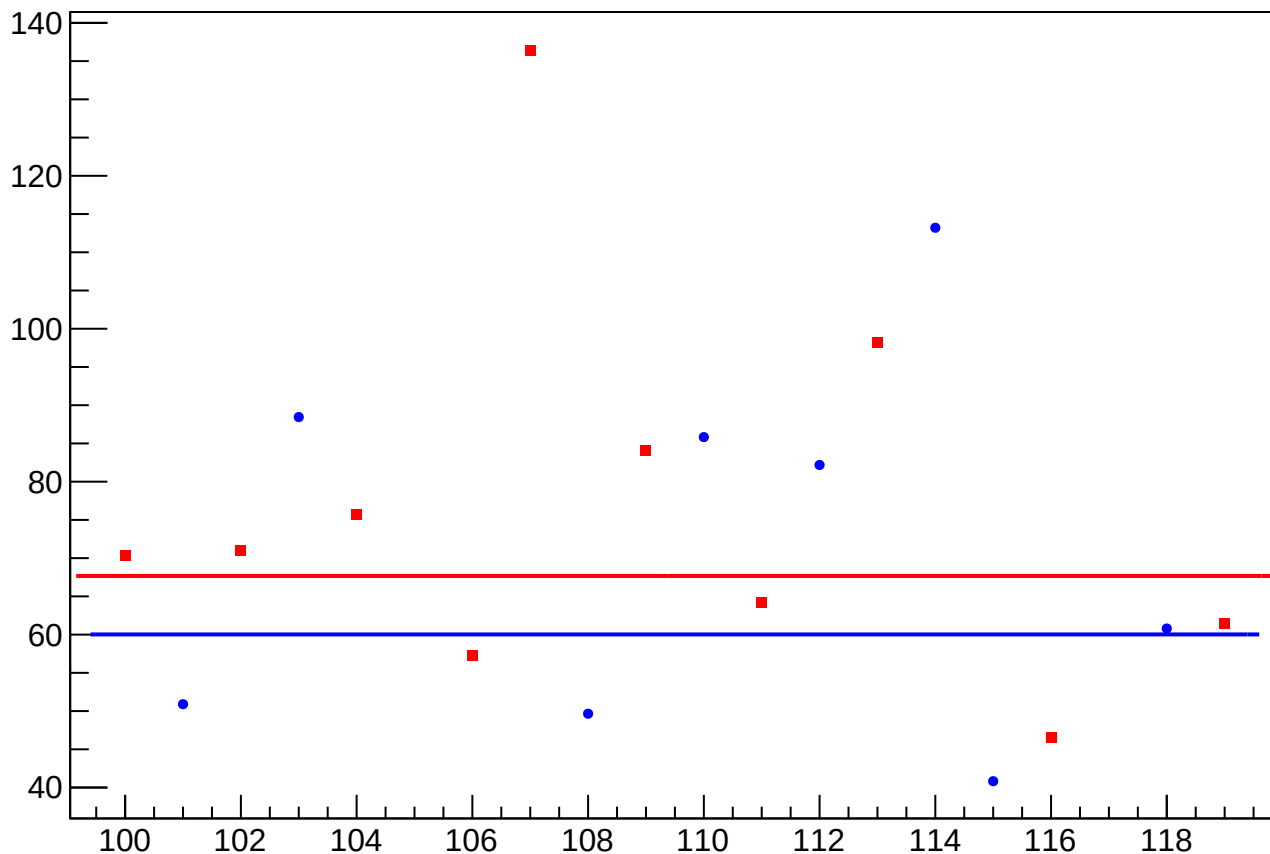
Right: -0.017+/-0.025 χ^2/NDF : 33.8/17

In: -0.040+/-0.035 χ^2/NDF : 13.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.025 χ^2/NDF : 33.8/17

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.024+/-0.025 χ^2/NDF : 416380.0/7

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

Right Out: 67.672+/-0.026 χ^2/NDF : 379268.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

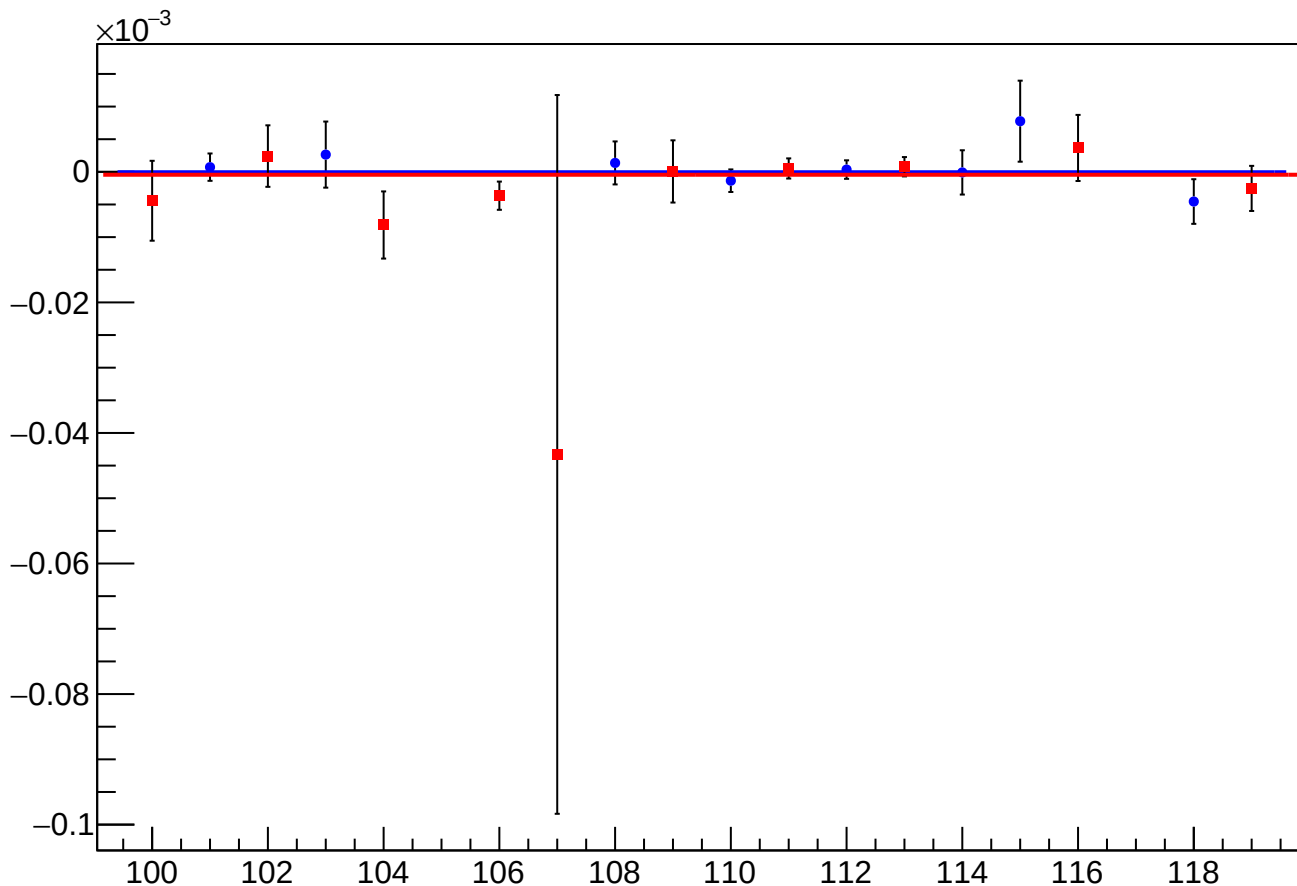
Right: 63.785+/-0.018 χ^2/NDF : 841318.0/17

In: 60.024+/-0.025 χ^2/NDF : 416380.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.785+/-0.018 χ^2/NDF : 841318.0/17

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.6/7

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

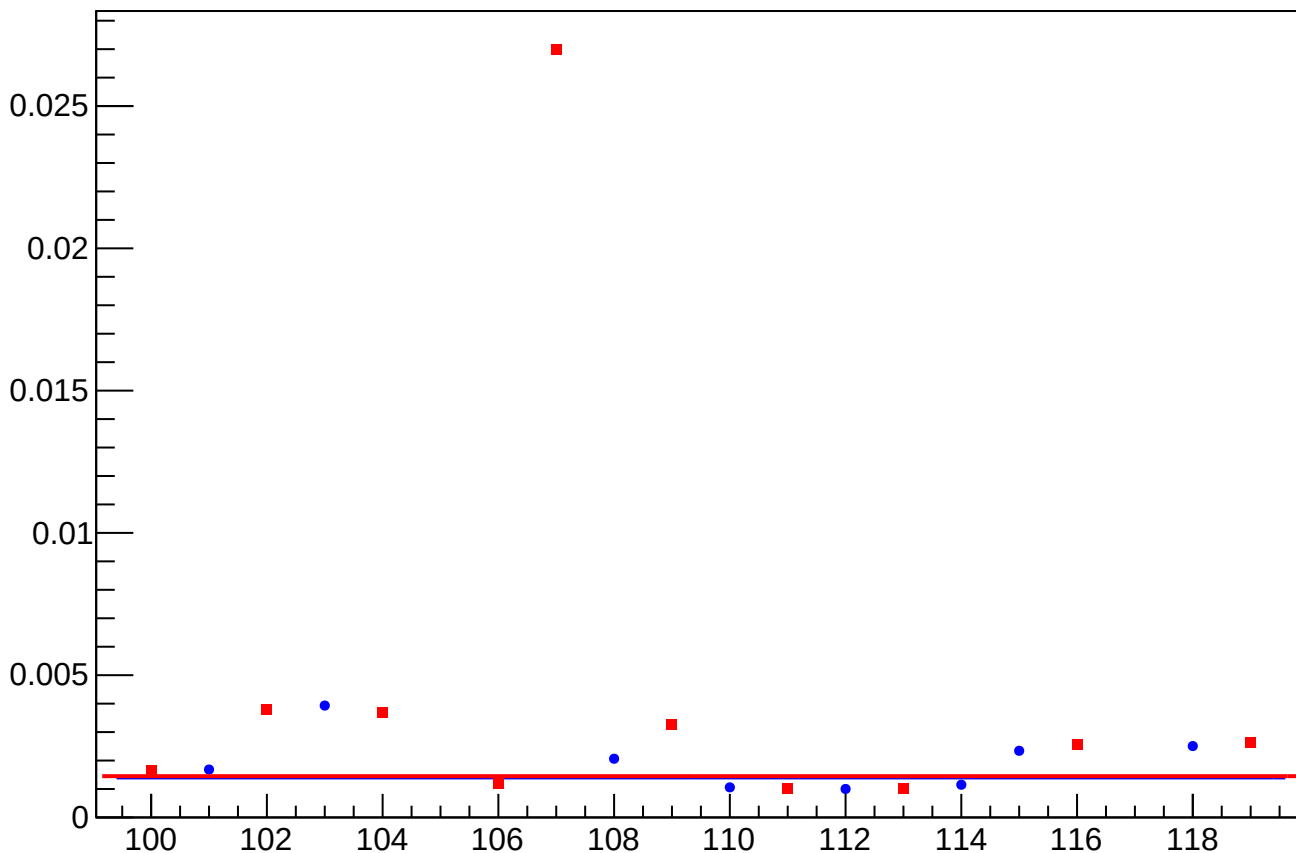
Right: -0.000+/-0.000 χ^2 /NDF: 12.6/17

In: -0.000+/-0.000 χ^2 /NDF:4.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.6/17

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1122025.7/7

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2273969.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

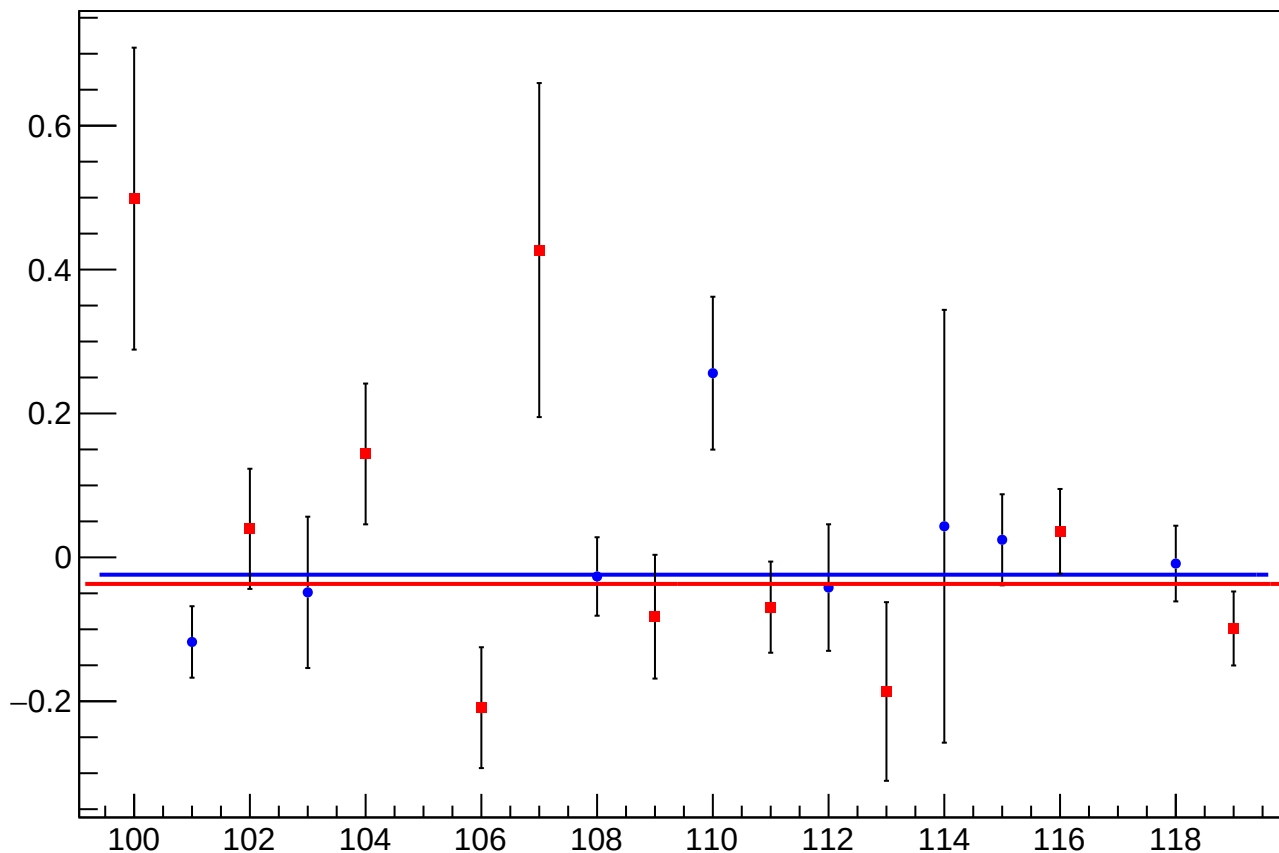
Right: 0.001+/-0.000 χ^2/NDF : 3398586.2/17

In: 0.001+/-0.000 χ^2/NDF : 1122025.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3398586.2/17

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2/NDF : 11.3/7

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

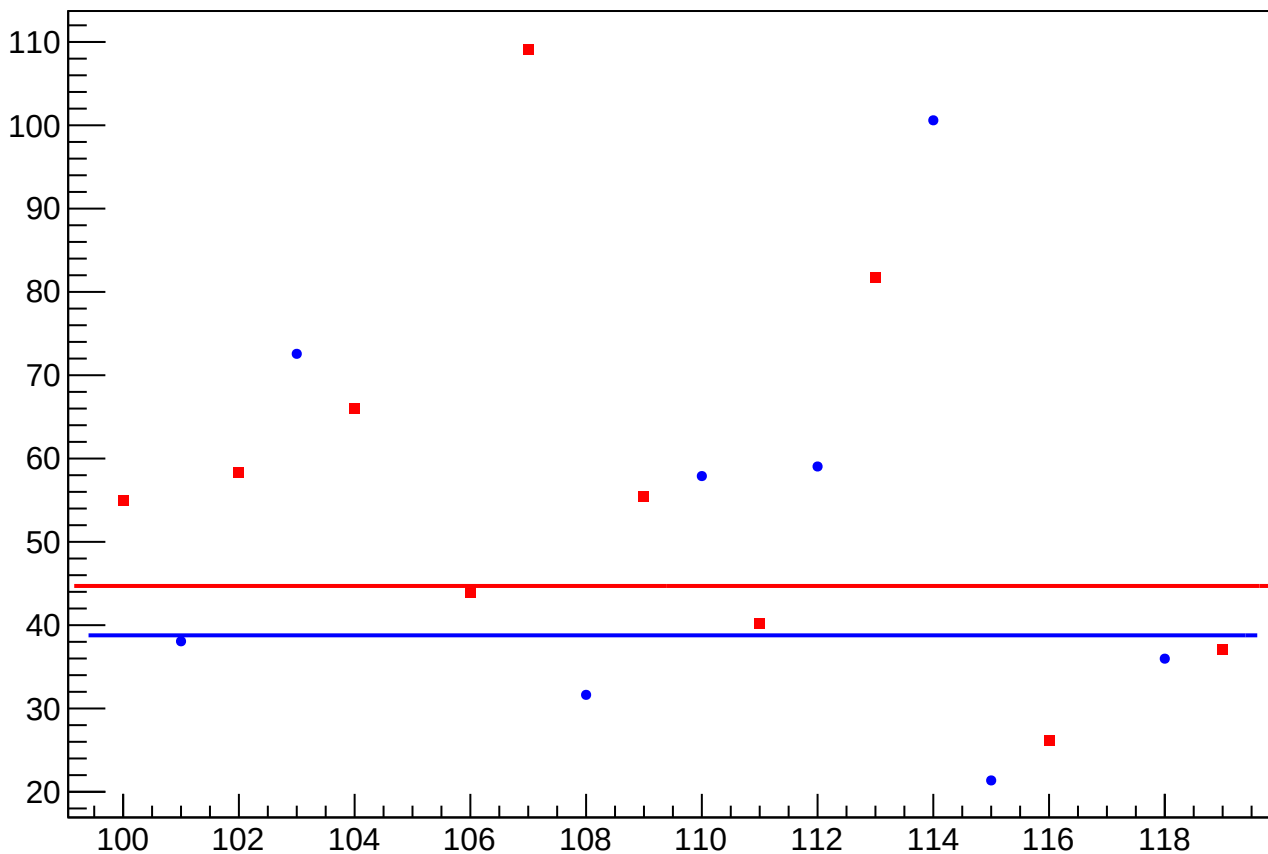
Right: -0.030+/-0.018 χ^2/NDF : 35.4/17

In: -0.024+/-0.024 χ^2/NDF : 11.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.018 χ^2/NDF : 35.4/17

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.780+/-0.017 χ^2/NDF : 653714.6/7

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

Right Out: 44.706+/-0.018 χ^2/NDF : 766781.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

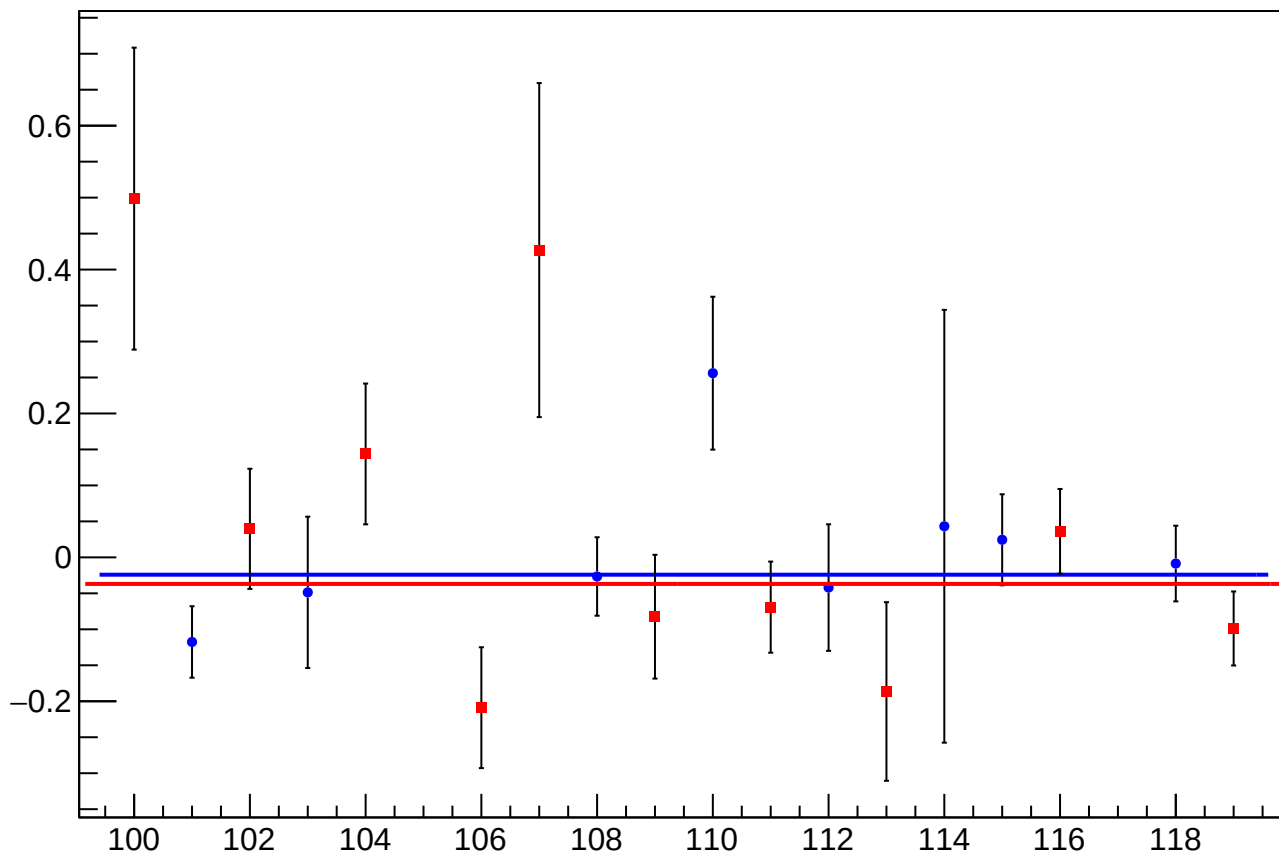
Right: 41.628+/-0.012 χ^2/NDF : 1476936.0/17

In: 38.780+/-0.017 χ^2/NDF : 653714.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.628+/-0.012 χ^2/NDF : 1476936.0/17

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.024+/-0.024 χ^2/NDF : 11.3/7

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

Right Out: -0.037+/-0.025 χ^2/NDF : 23.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

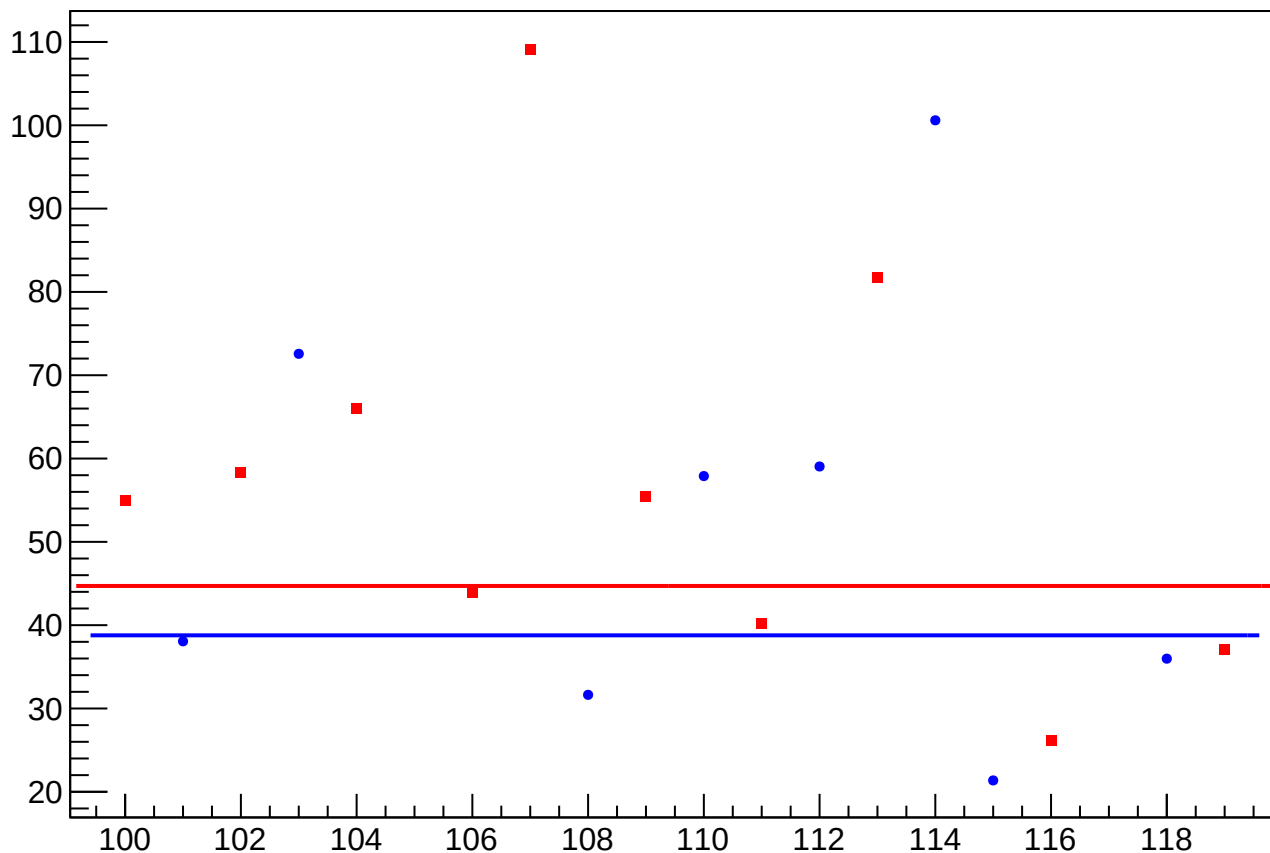
Right: -0.030+/-0.018 χ^2/NDF : 35.4/17

In: -0.024+/-0.024 χ^2/NDF : 11.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.030+/-0.018 χ^2/NDF : 35.4/17

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.780+/-0.017 χ^2/NDF : 653714.6/7

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

Right Out: 44.706+/-0.018 χ^2/NDF : 766781.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

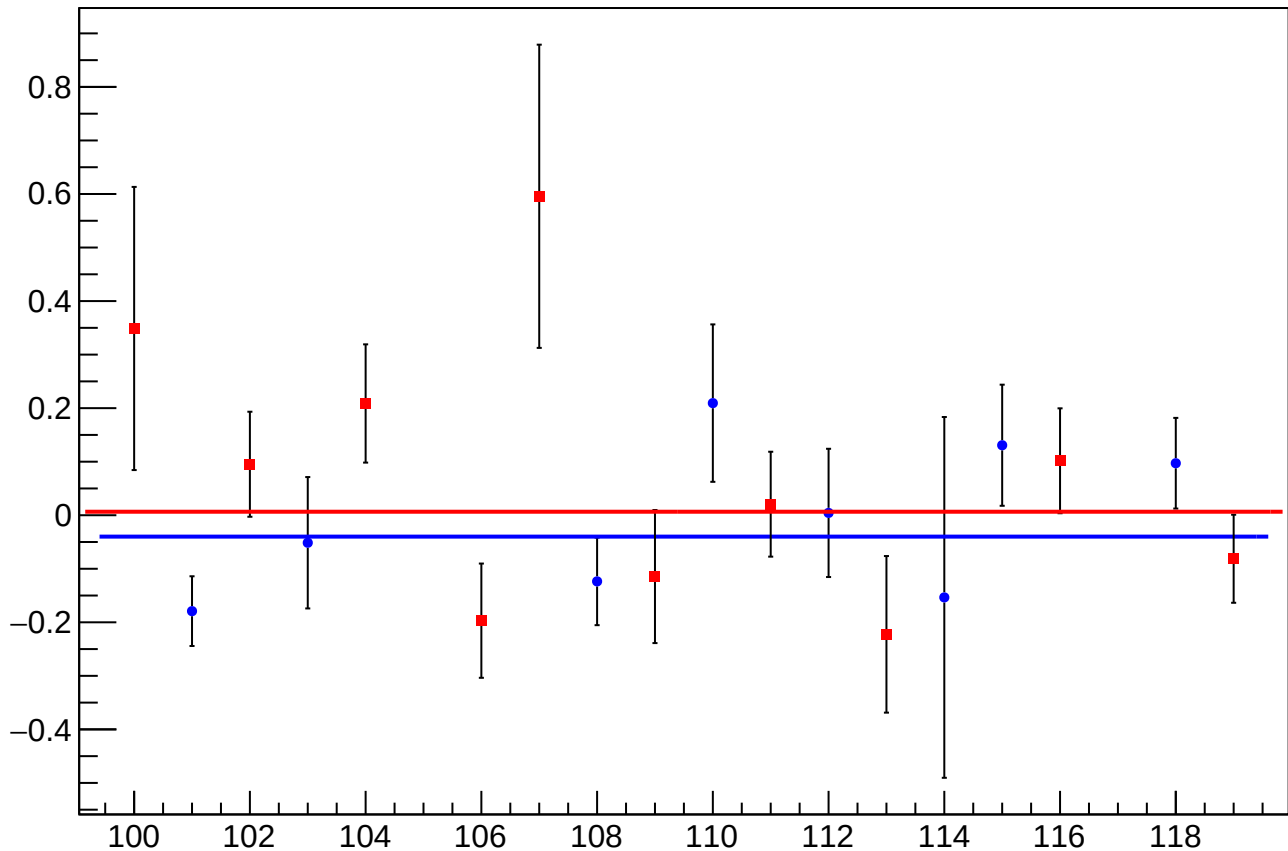
Right: 41.628+/-0.012 χ^2/NDF : 1476936.0/17

In: 38.780+/-0.017 χ^2/NDF :653714.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.628+/-0.012 χ^2/NDF : 1476936.0/17

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 $\pm$ 0.035 χ^2 /NDF: 13.6/7

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

Right Out: 0.007 $\pm$ 0.036 χ^2 /NDF: 19.3/9

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

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

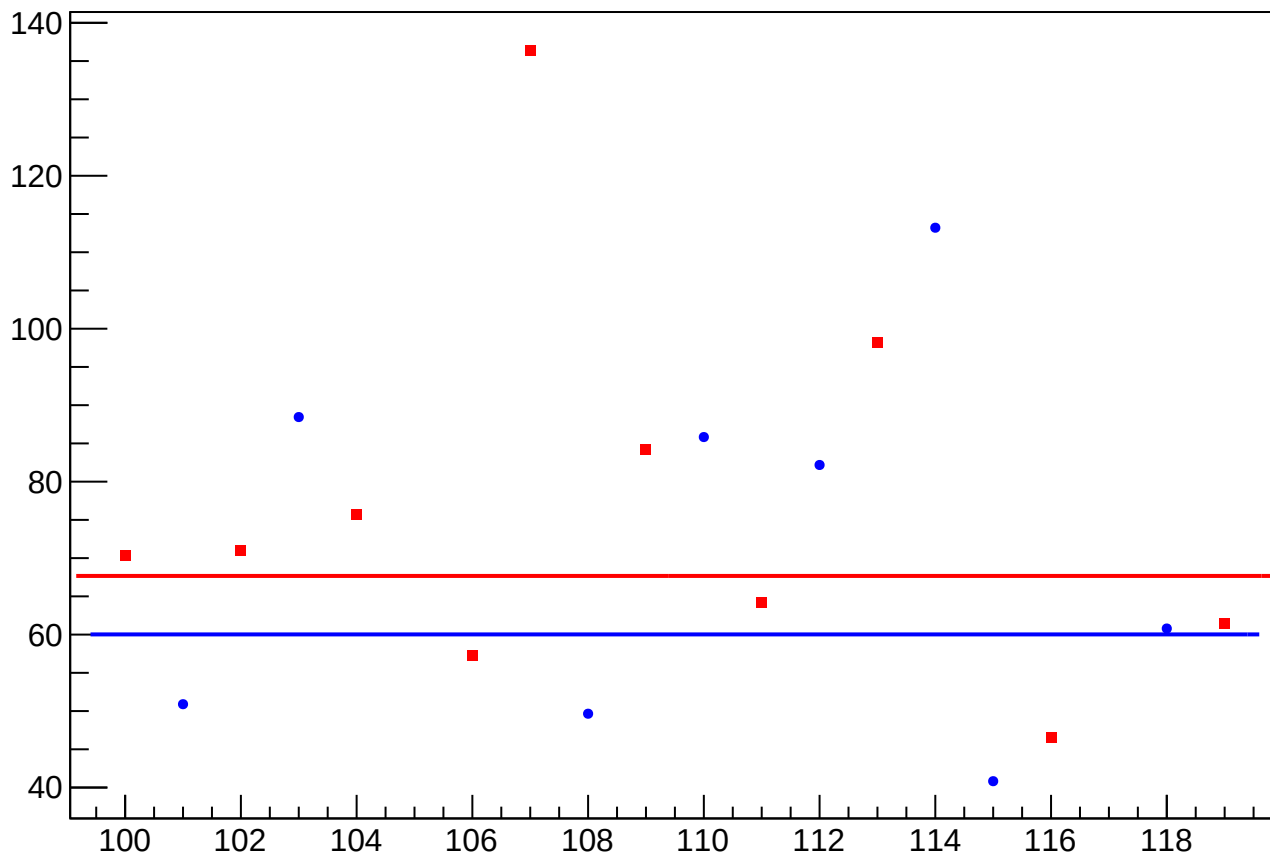
Right: -0.017 $\pm$ 0.025 χ^2 /NDF: 33.8/17

In: -0.040 $\pm$ 0.035 χ^2 /NDF:13.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.025 χ^2 /NDF: 33.8/17

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.024+/-0.025 χ^2/NDF : 416384.1/7

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

Right Out: 67.671+/-0.026 χ^2/NDF : 379260.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

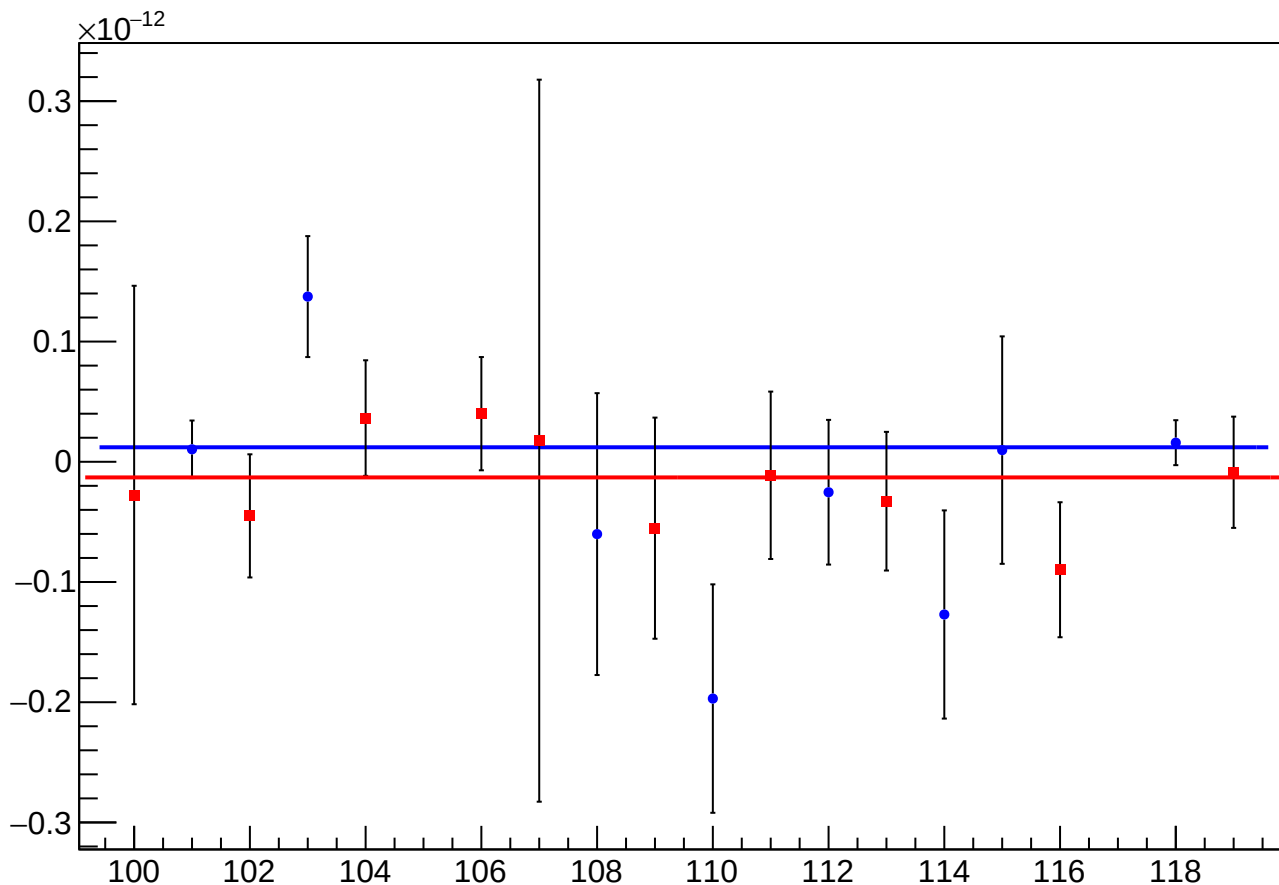
Right: 63.784+/-0.018 χ^2/NDF : 841312.7/17

In: 60.024+/-0.025 χ^2/NDF :416384.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 63.784+/-0.018 χ^2/NDF : 841312.7/17

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

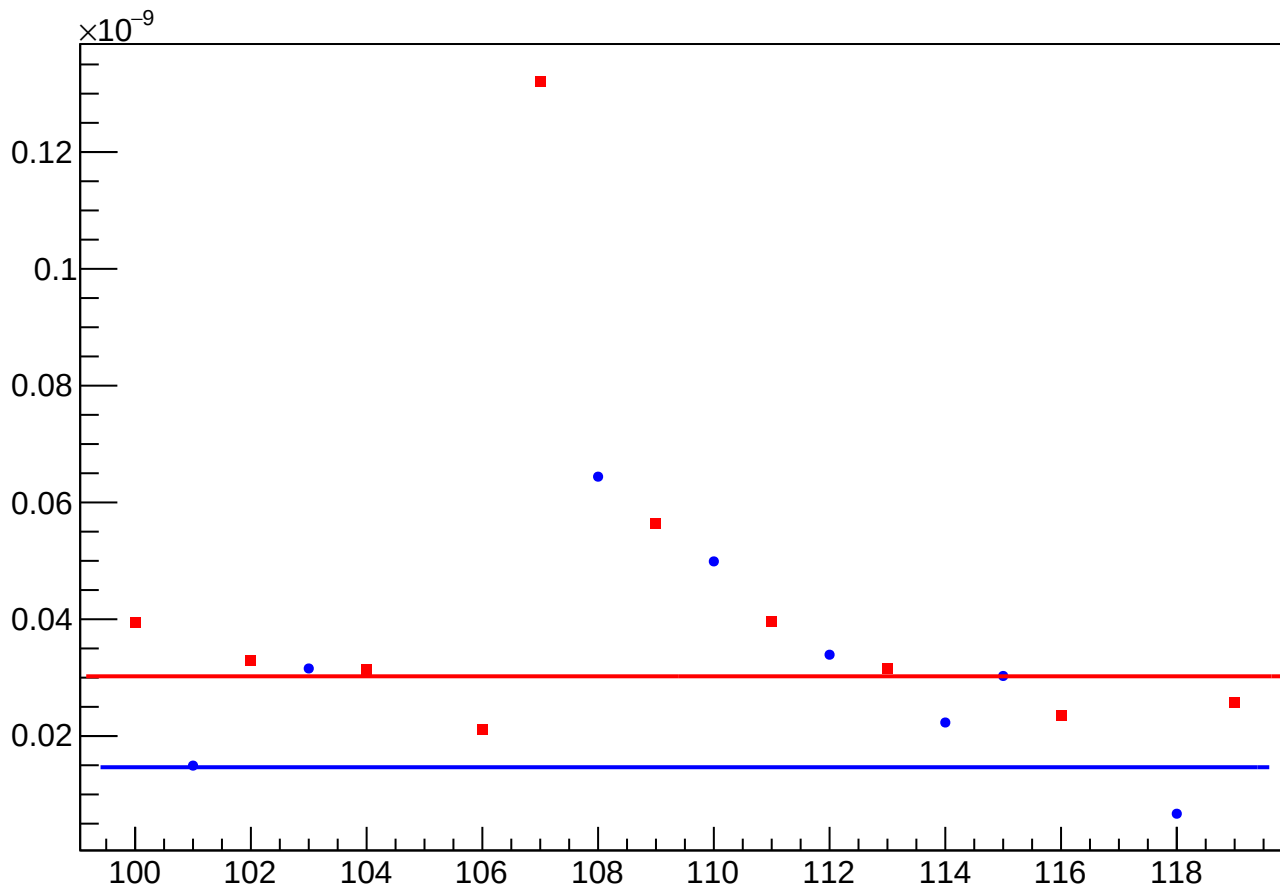
Right: 0.000+/-0.000 χ^2/NDF : 20.5/17

In: 0.000+/-0.000 χ^2/NDF : 14.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.5/17

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1499438.4/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 564533.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

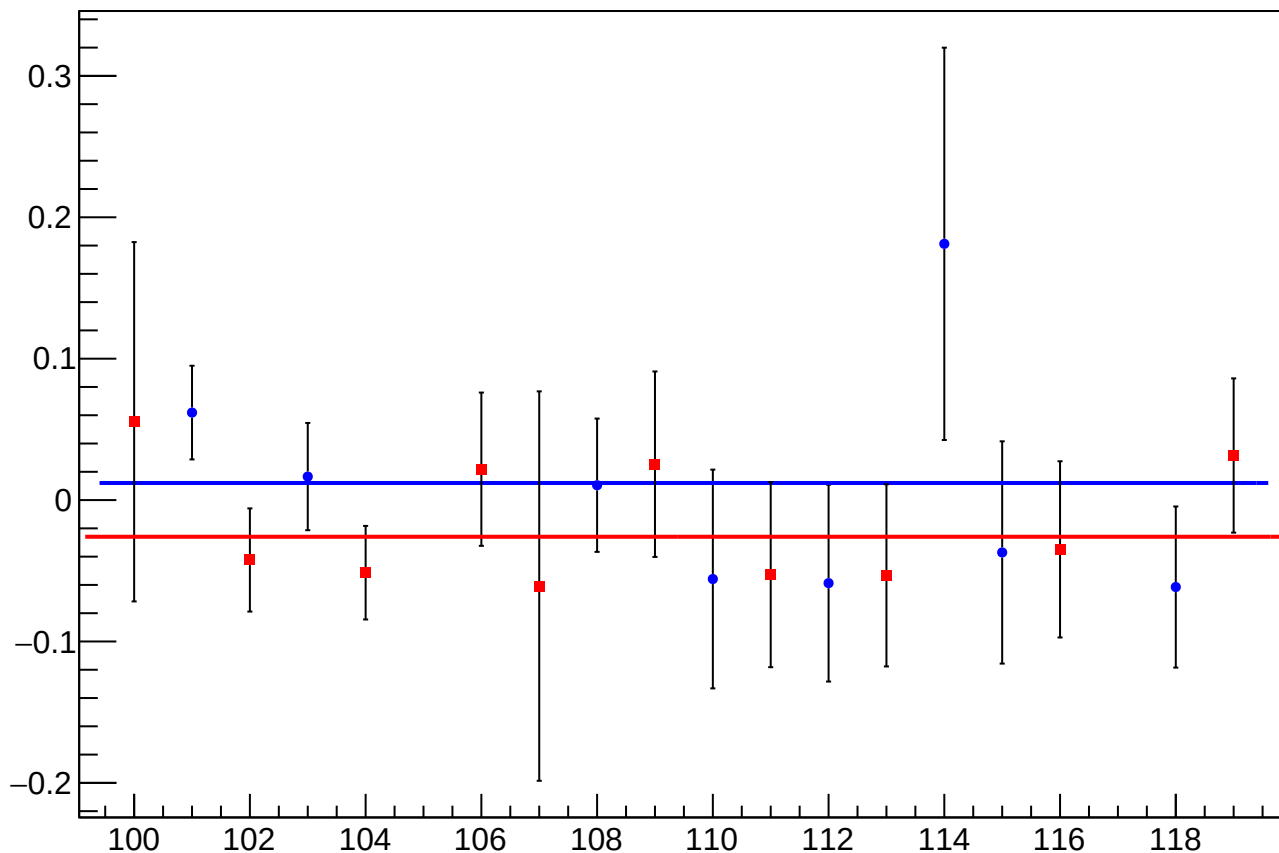
Right: 0.000+/-0.000 χ^2/NDF : 2956590.2/17

In: 0.000+/-0.000 χ^2/NDF : 1499438.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2956590.2/17

asym_usl_overload_cor_vs_slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 7.6/7

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

Right Out: -0.026 $\pm$ 0.017 χ^2 /NDF: 4.1/9

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

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

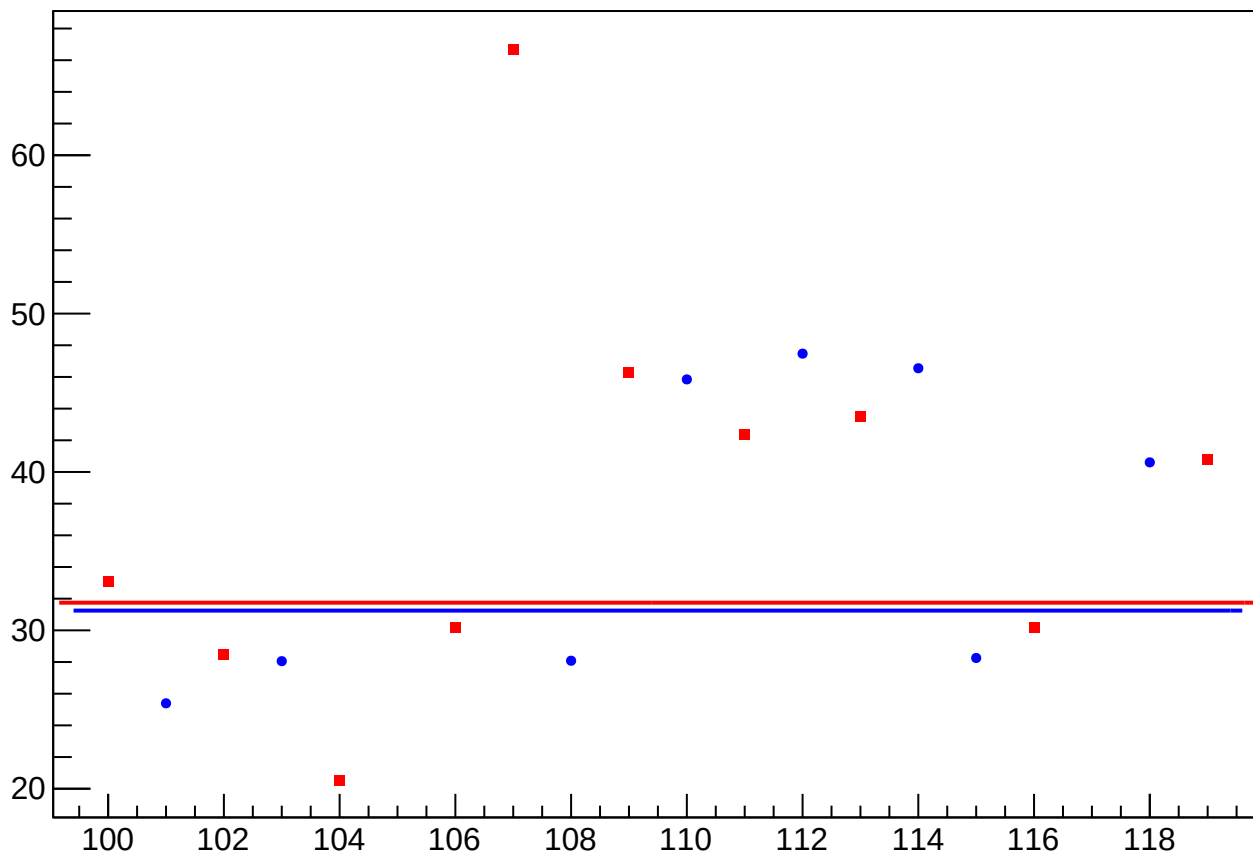
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 14.0/17

In: 0.012 $\pm$ 0.018 χ^2 /NDF:7.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 14.0/17

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.248+/-0.013 χ^2/NDF : 346665.8/7

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

Right Out: 31.747+/-0.012 χ^2/NDF : 651184.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

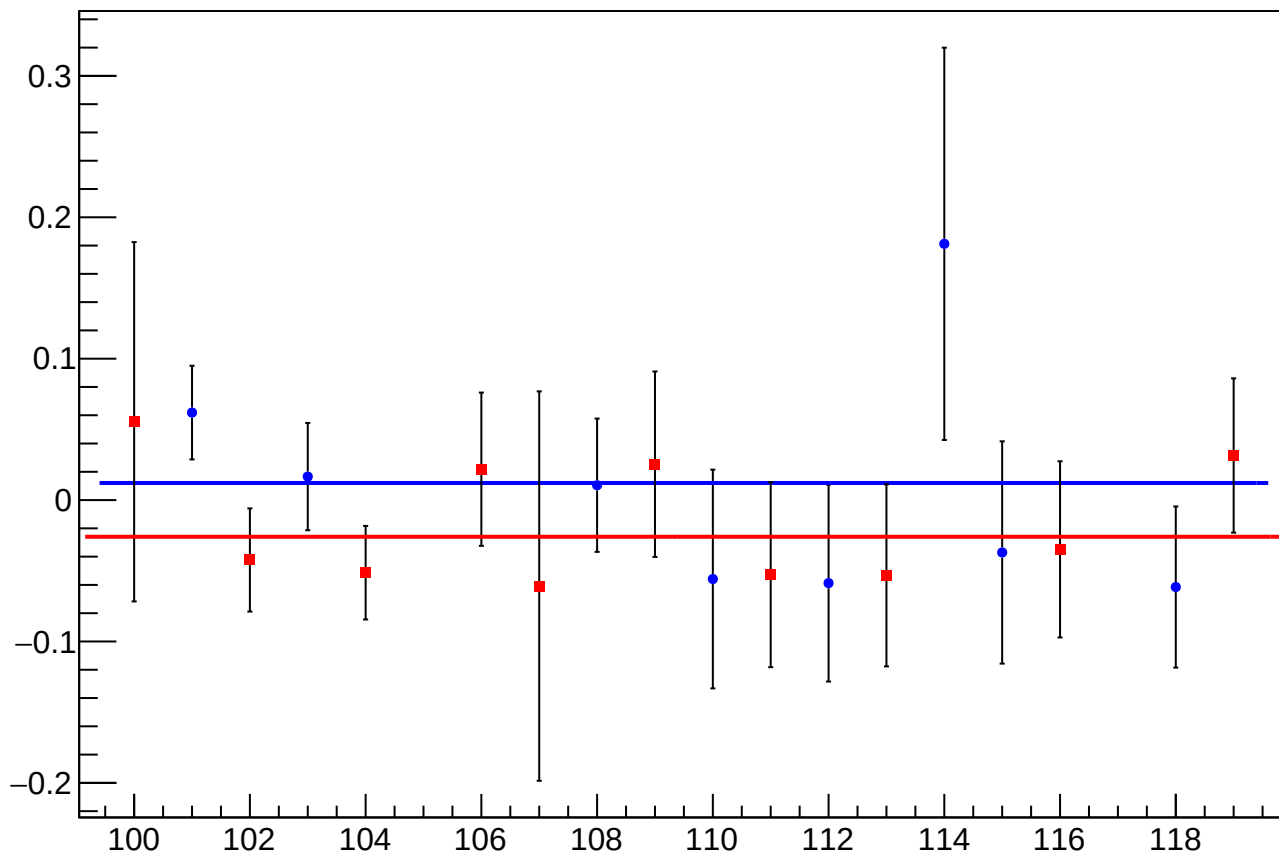
Right: 31.516+/-0.009 χ^2/NDF : 998639.1/17

In: 31.248+/-0.013 χ^2/NDF : 346665.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.516+/-0.009 χ^2/NDF : 998639.1/17

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 7.6/7

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

Right Out: -0.026 $\pm$ 0.017 χ^2 /NDF: 4.1/9

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

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

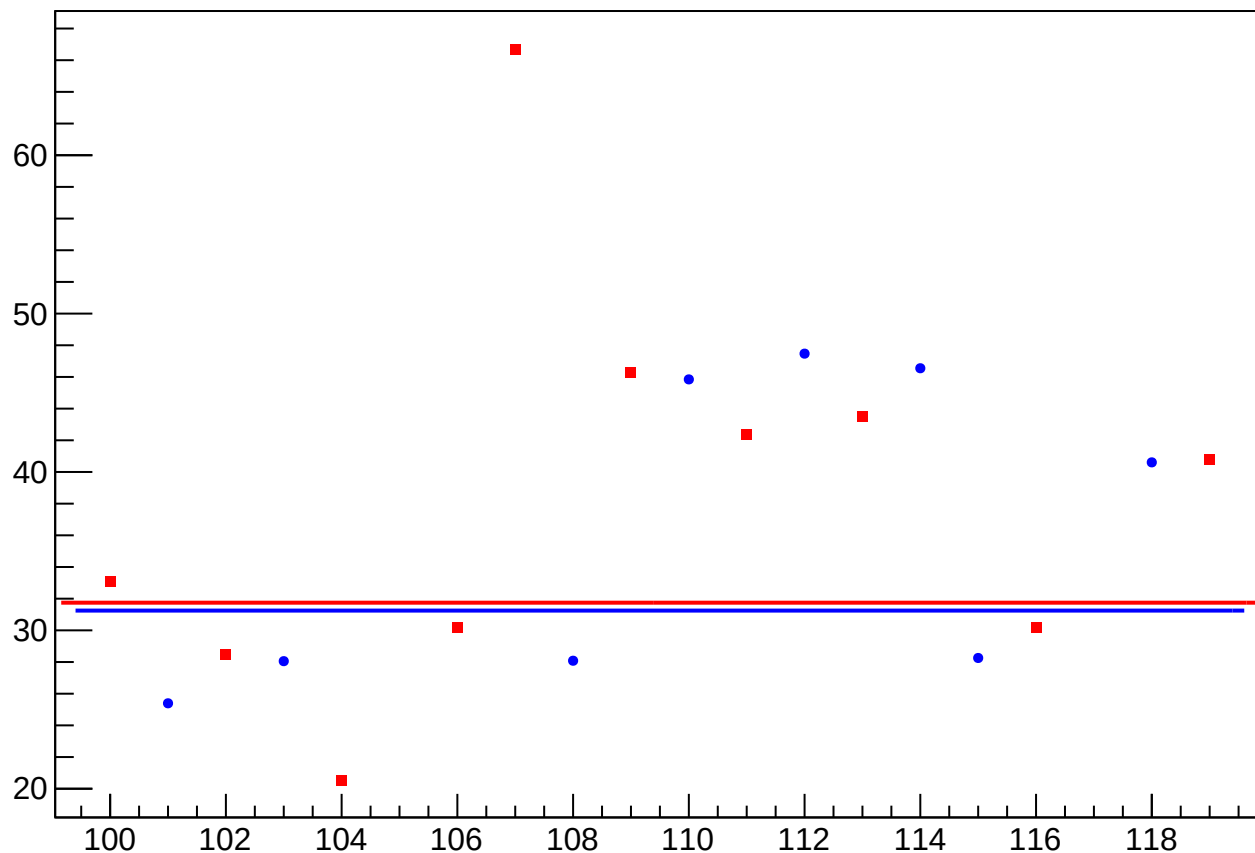
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 14.0/17

In: 0.012 $\pm$ 0.018 χ^2 /NDF:7.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 14.0/17

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.248+/-0.013 χ^2/NDF : 346665.8/7

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

Right Out: 31.747+/-0.012 χ^2/NDF : 651184.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

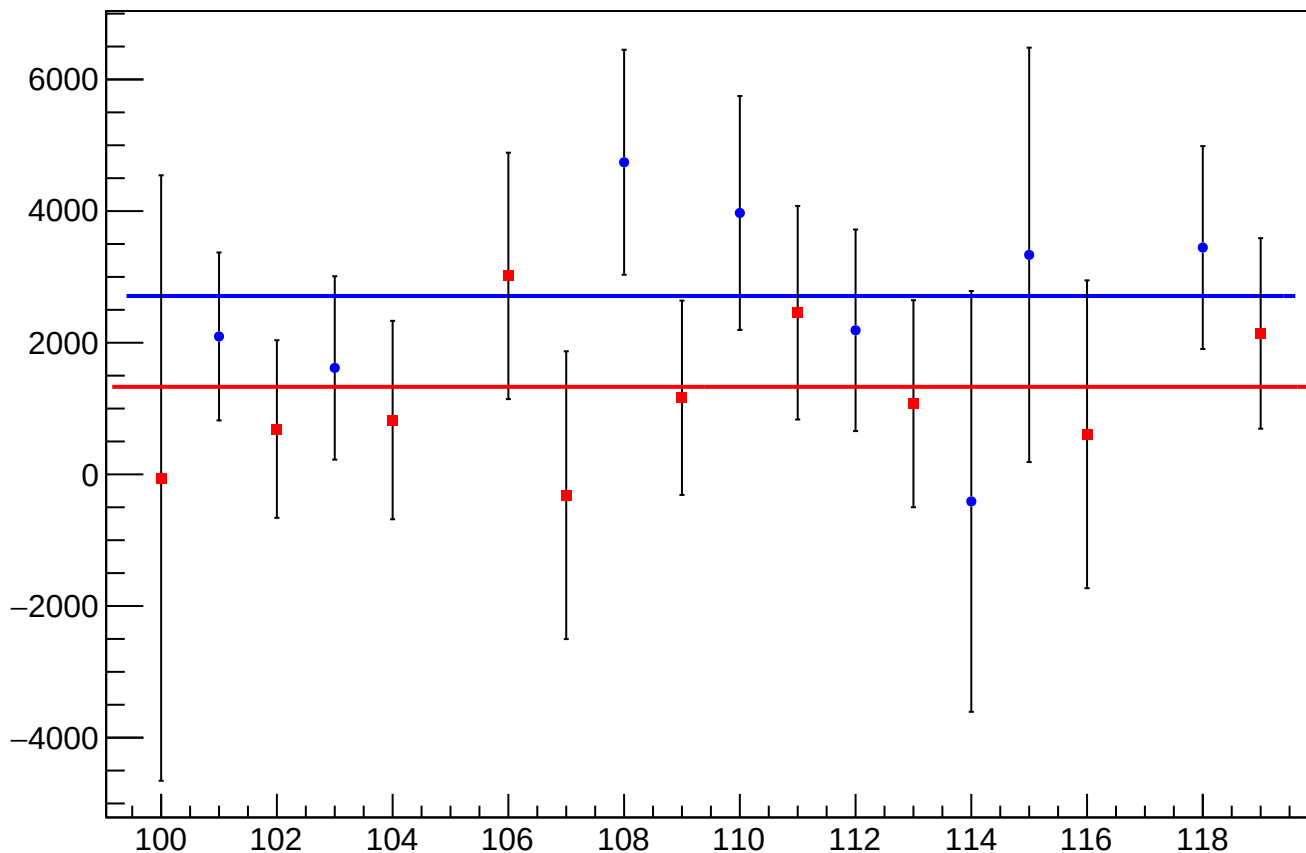
Right: 31.516+/-0.009 χ^2/NDF : 998639.1/17

In: 31.248+/-0.013 χ^2/NDF : 346665.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.516+/-0.009 χ^2/NDF : 998639.1/17

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

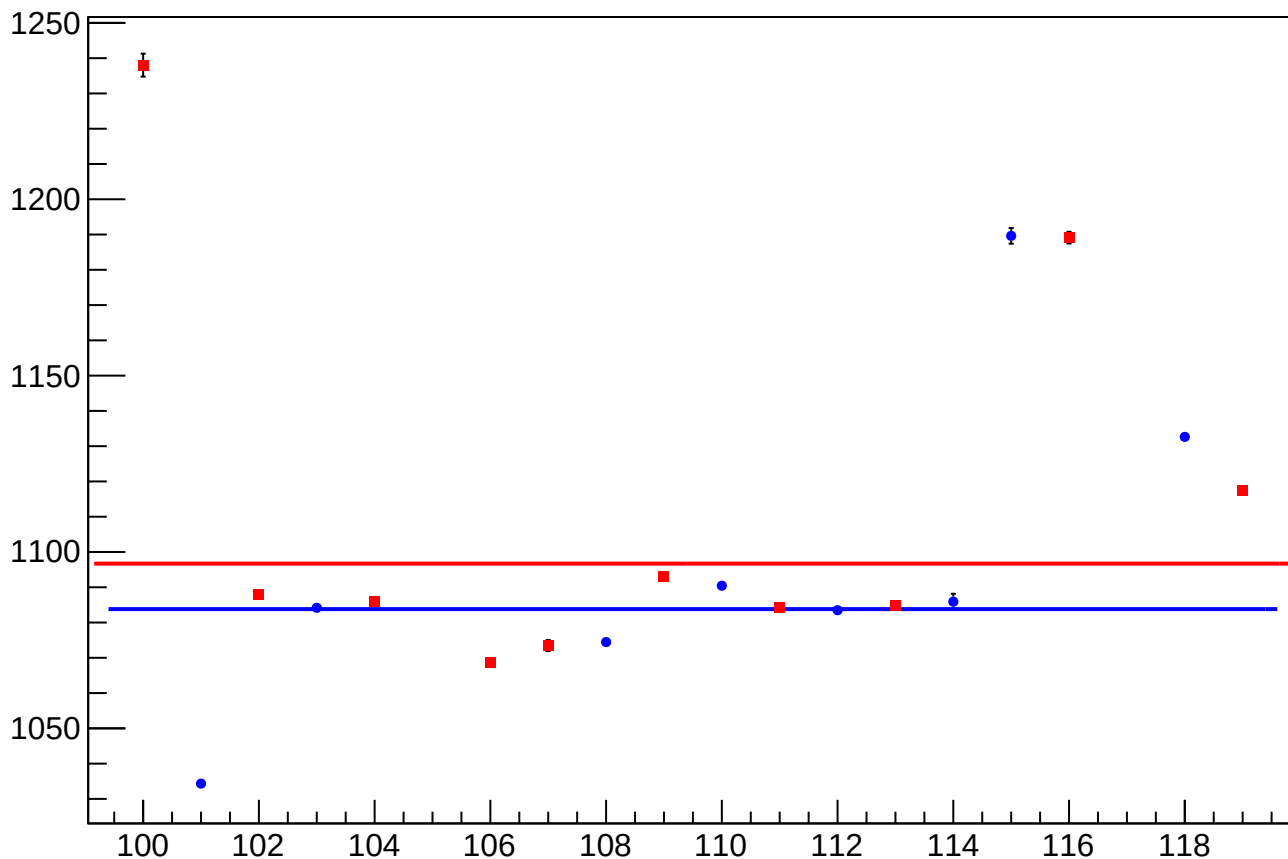
Right: 1954.036+/-399.379 χ^2/NDF : 9.8/17

In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.036+/-399.379 χ^2/NDF : 9.8/17

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1083.805 $\pm$ 0.420 χ^2 /NDF: 7365.6/7

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

Right Out: 1096.702 $\pm$ 0.382 χ^2 /NDF: 6526.5/9

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

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

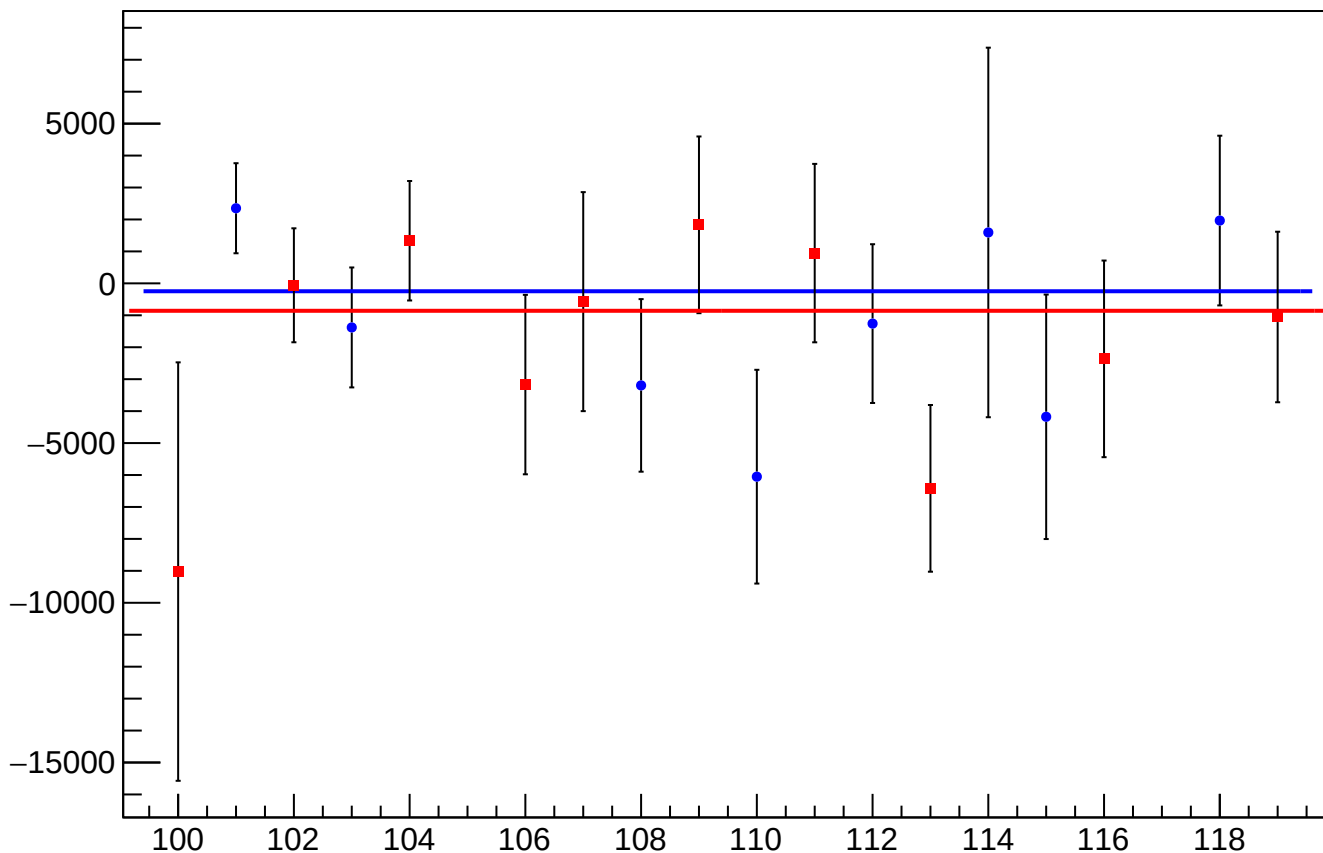
Right: 1090.870 $\pm$ 0.282 χ^2 /NDF: 14408.7/17

In: 1083.805 $\pm$ 0.420 χ^2 /NDF:7365.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1090.870 $\pm$ 0.282 χ^2 /NDF: 14408.7/17

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: -247.221+/-840.606 χ^2/NDF : 10.0/7

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

Right Out: -858.979+/-820.053 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

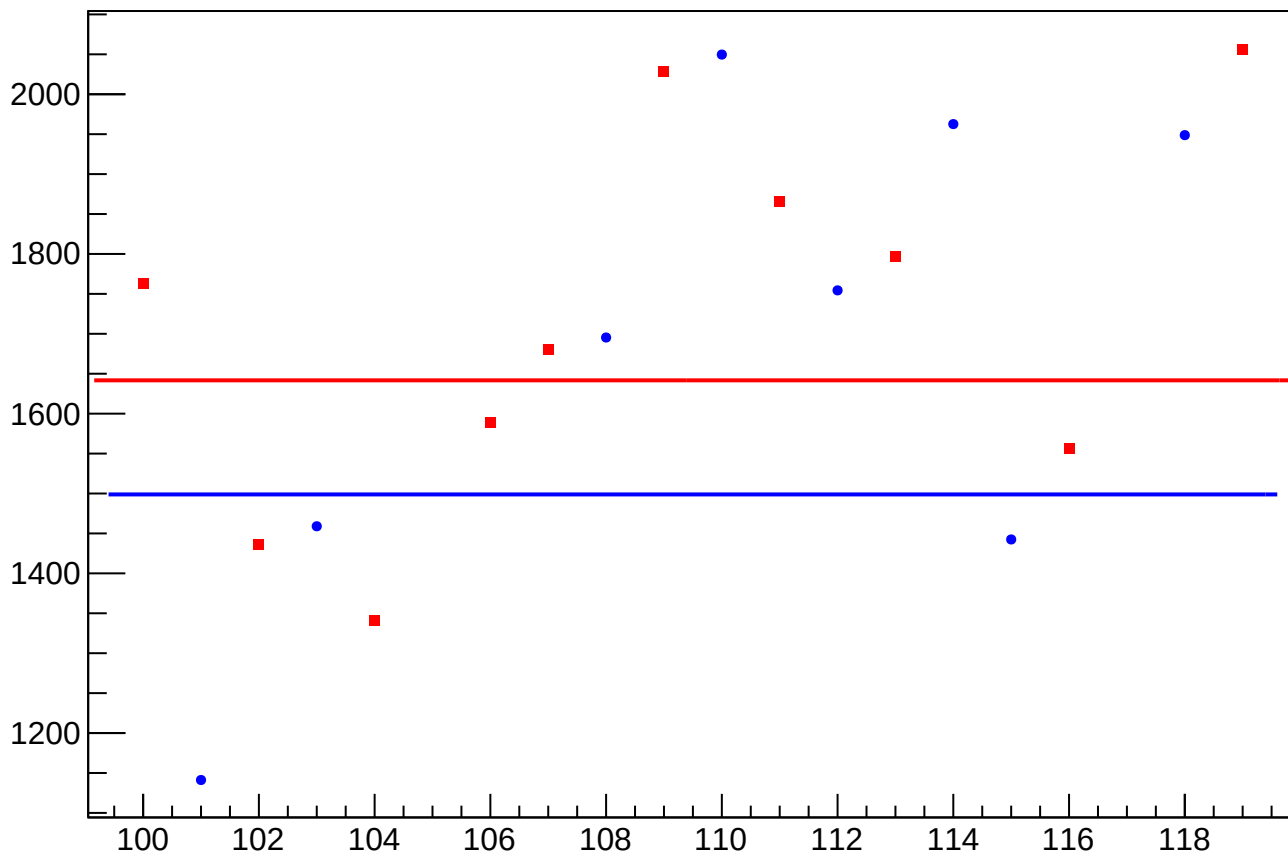
Right: -560.670+/-586.997 χ^2/NDF : 20.2/17

In: -247.221+/-840.606 χ^2/NDF :10.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -560.670+/-586.997 χ^2/NDF : 20.2/17

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

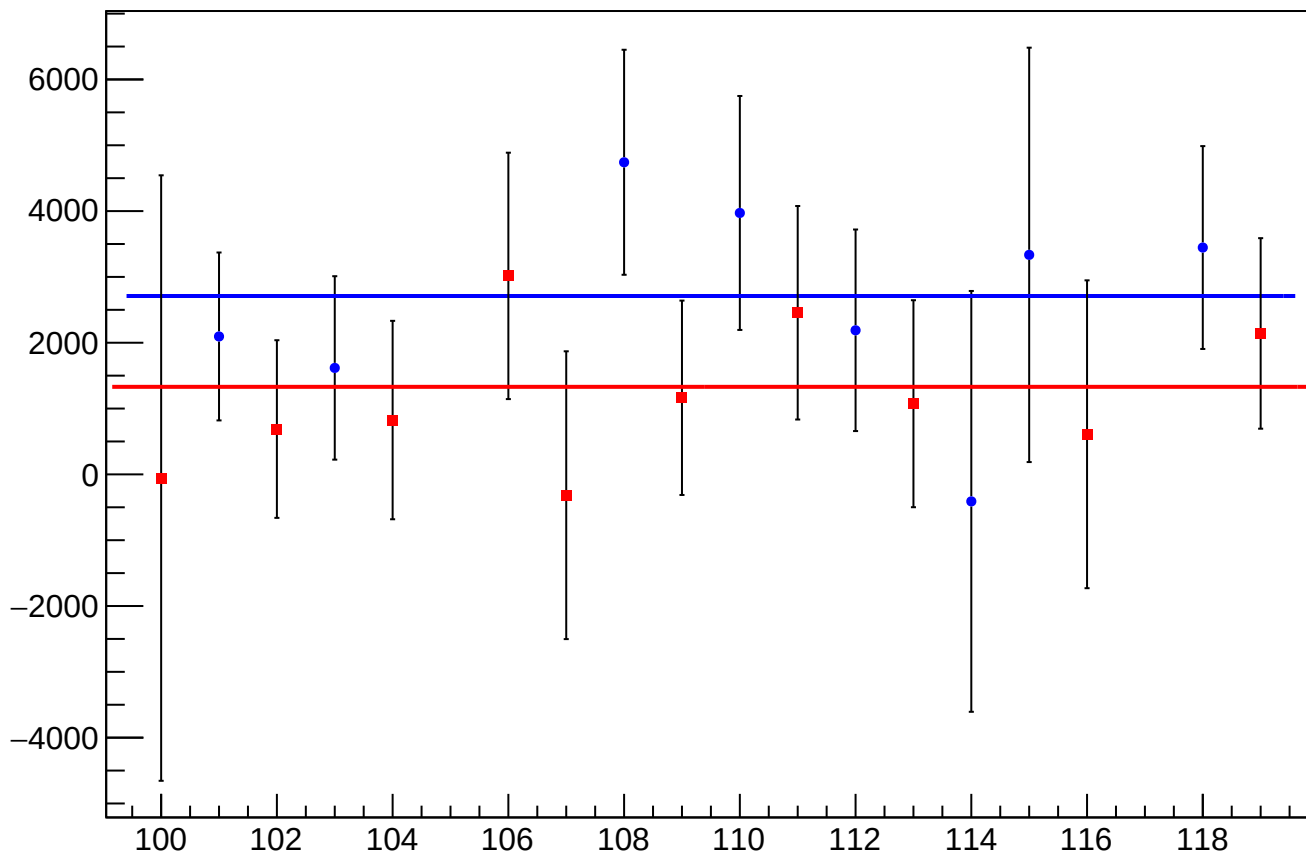
Right: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

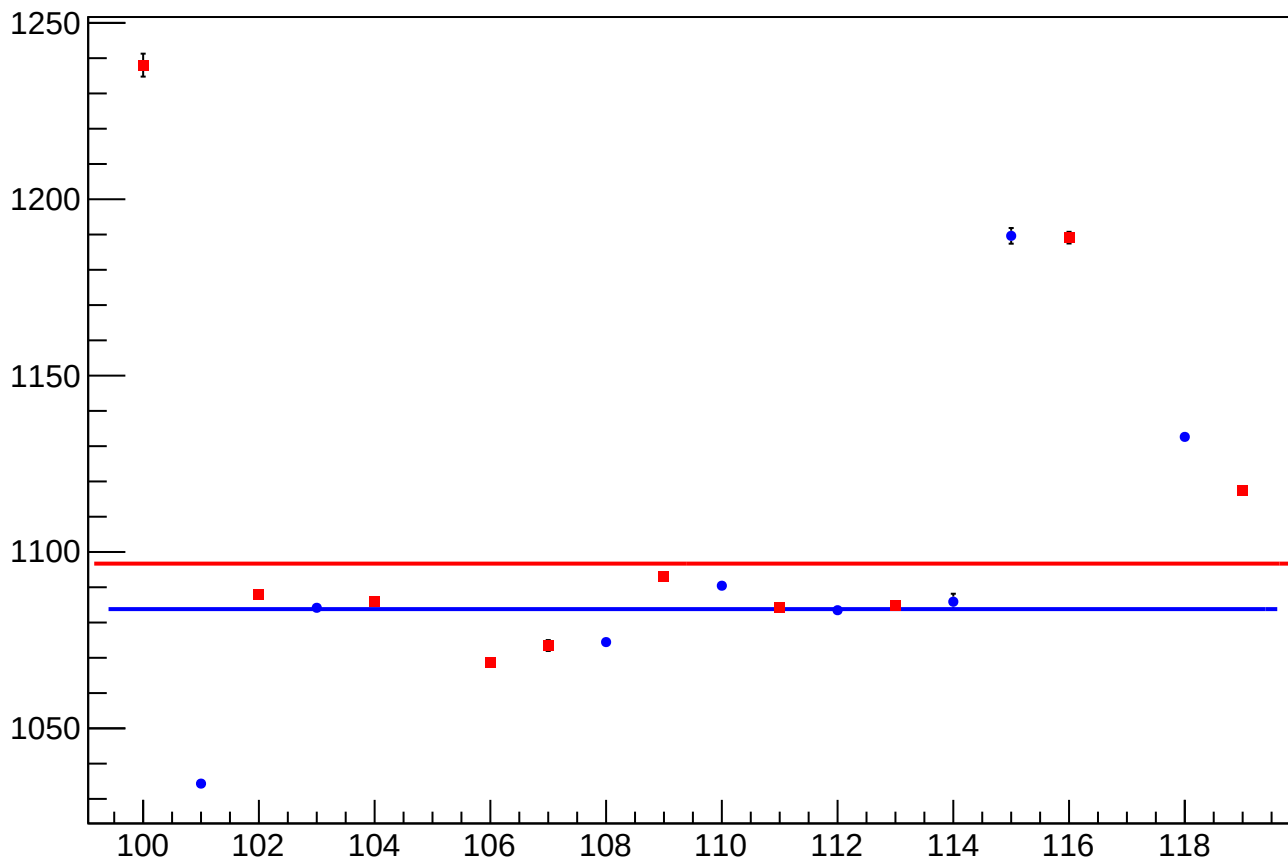
Right: 1954.036+/-399.379 χ^2/NDF : 9.8/17

In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.036+/-399.379 χ^2/NDF : 9.8/17

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1083.805 $\pm$ 0.420 χ^2 /NDF: 7365.6/7

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

Right Out: 1096.702 $\pm$ 0.382 χ^2 /NDF: 6526.5/9

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

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

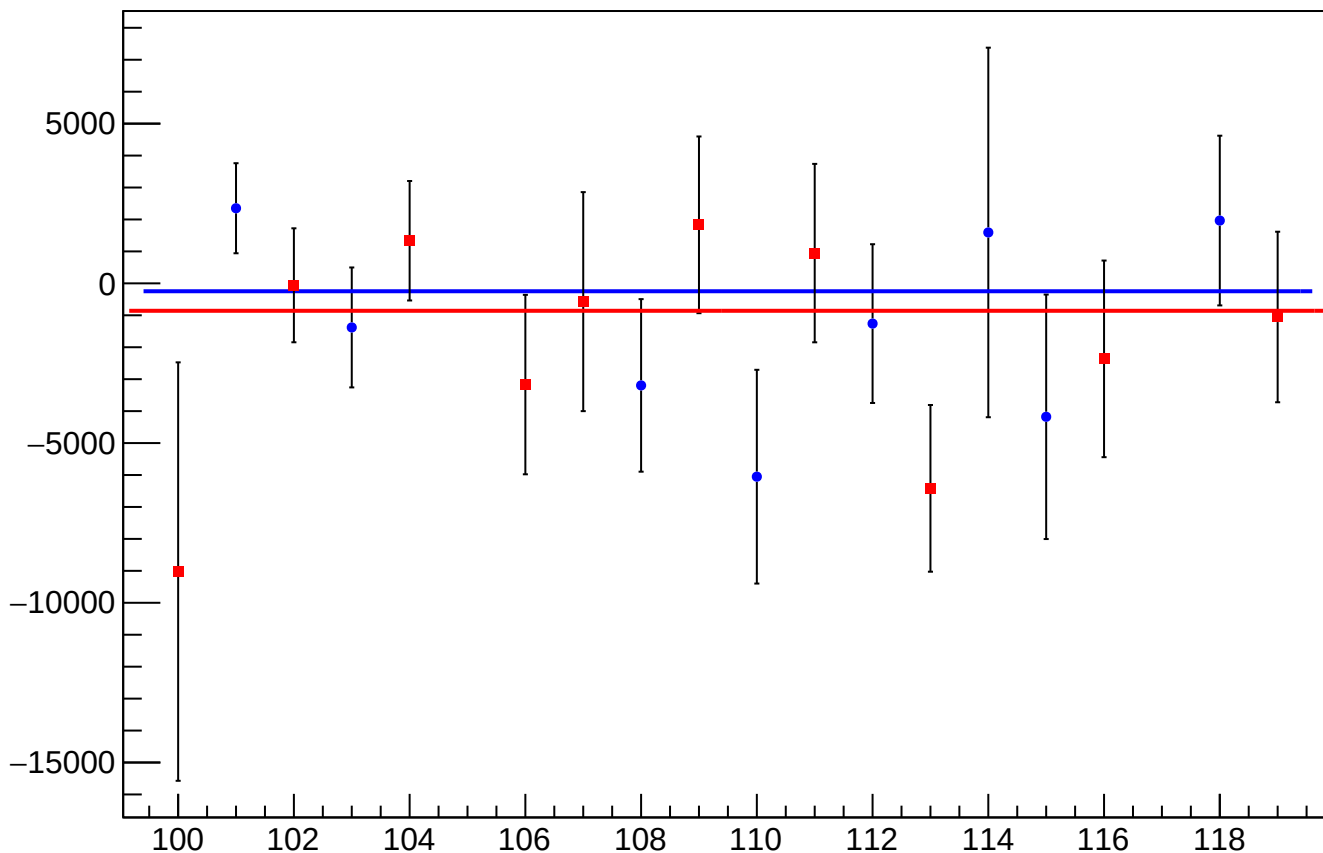
Right: 1090.870 $\pm$ 0.282 χ^2 /NDF: 14408.7/17

In: 1083.805 $\pm$ 0.420 χ^2 /NDF:7365.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1090.870 $\pm$ 0.282 χ^2 /NDF: 14408.7/17

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.221+/-840.606 χ^2/NDF : 10.0/7

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

Right Out: -858.979+/-820.053 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

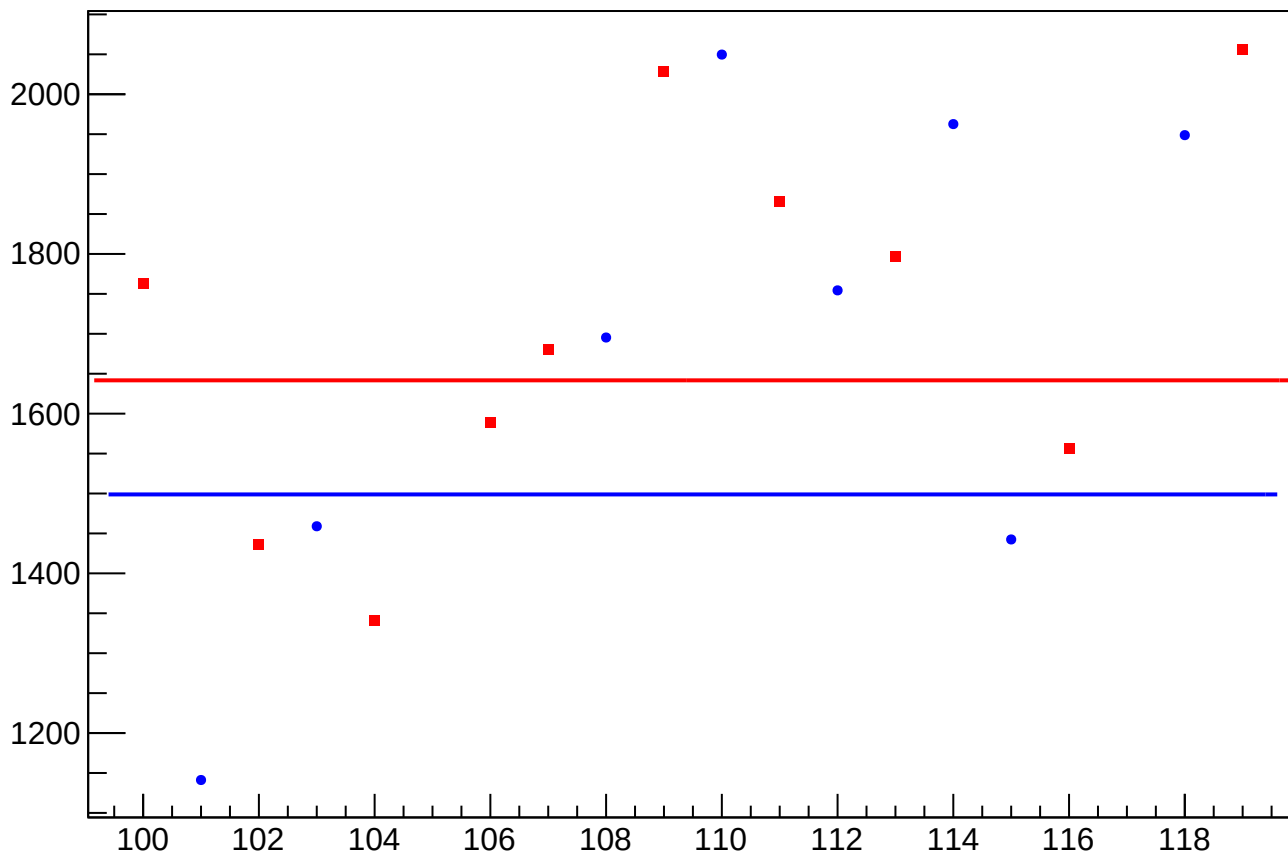
Right: -560.670+/-586.997 χ^2/NDF : 20.2/17

In: -247.221+/-840.606 χ^2/NDF :10.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -560.670+/-586.997 χ^2/NDF : 20.2/17

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

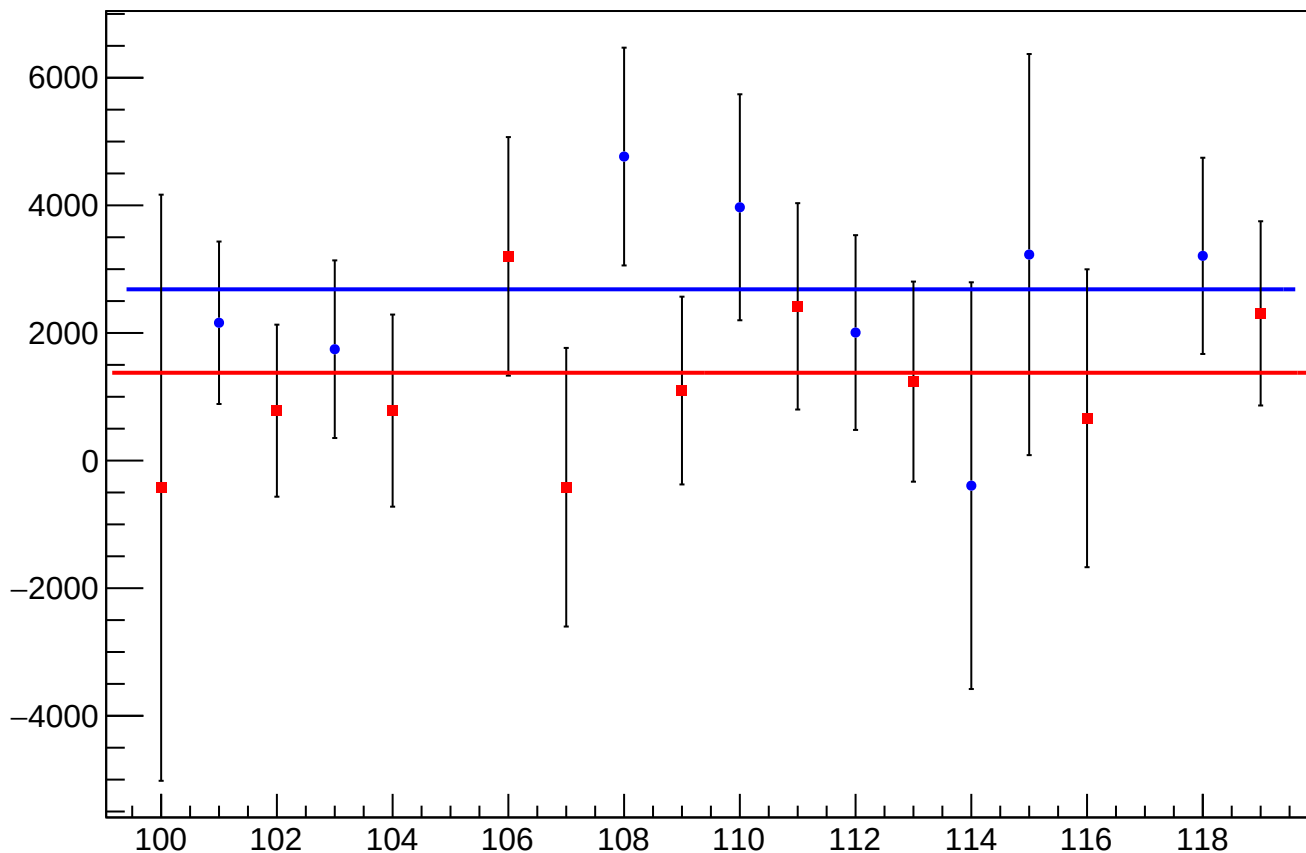
Right: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2684.121+/-592.644 χ^2/NDF : 3.9/7

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

Right Out: 1376.372+/-538.472 χ^2/NDF : 3.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

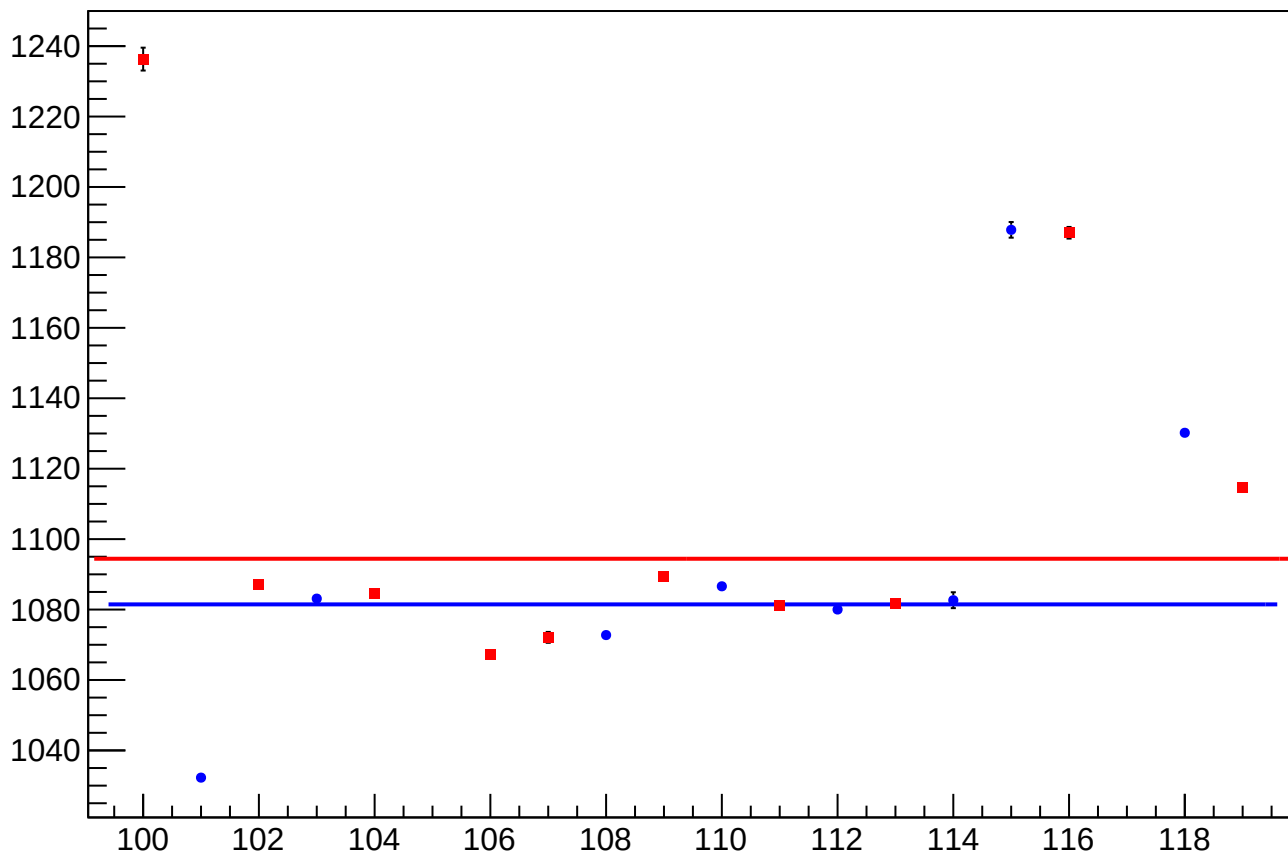
Right: 1967.758+/-398.536 χ^2/NDF : 9.7/17

In: 2684.121+/-592.644 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1967.758+/-398.536 χ^2/NDF : 9.7/17

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1081.470+/-0.419 χ^2/NDF : 7359.4/7

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

Right Out: 1094.427+/-0.381 χ^2/NDF : 6514.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

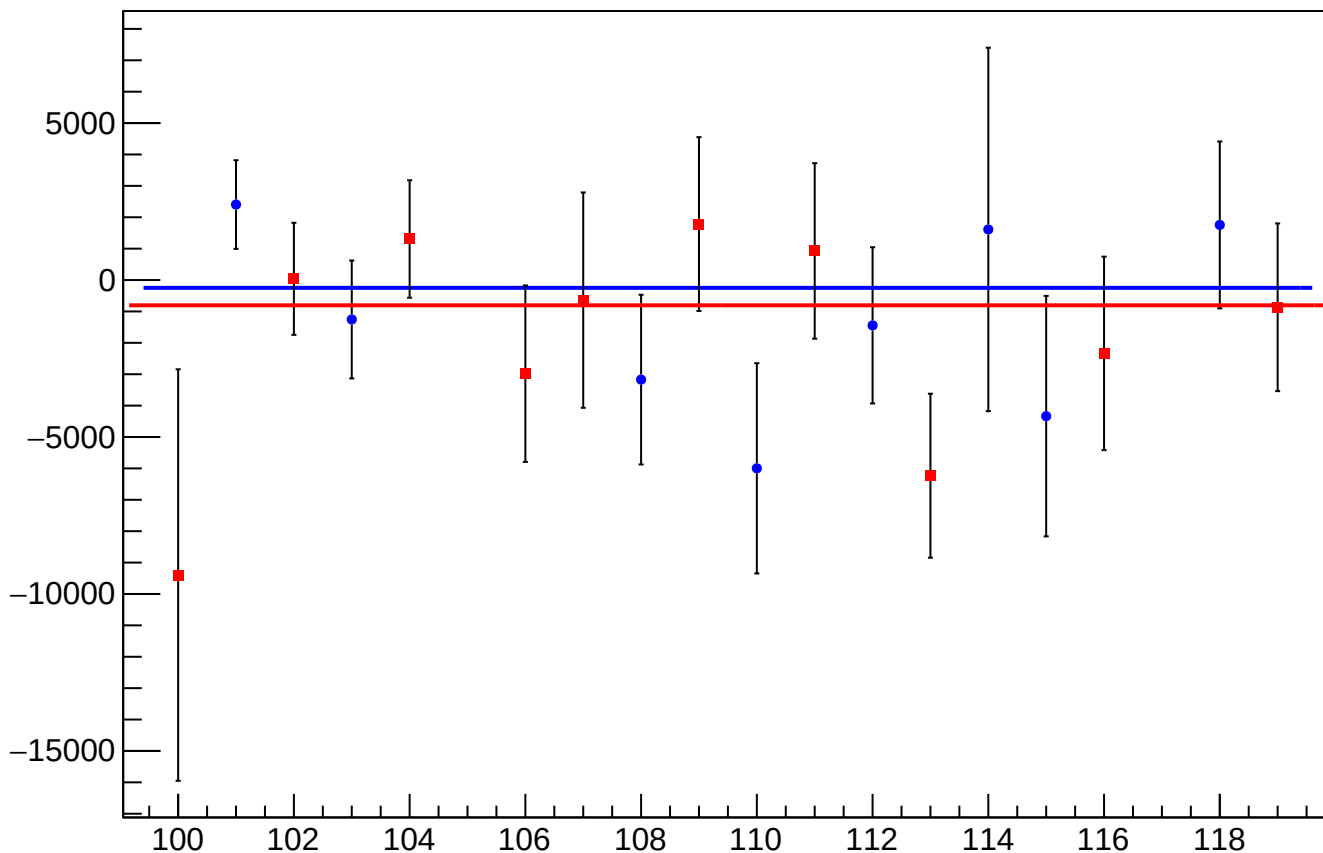
Right: 1088.567+/-0.282 χ^2/NDF : 14397.2/17

In: 1081.470+/-0.419 χ^2/NDF : 7359.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.567+/-0.282 χ^2/NDF : 14397.2/17

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -248.219+/-841.534 χ^2/NDF : 10.0/7

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

Right Out: -804.732+/-820.691 χ^2/NDF : 9.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

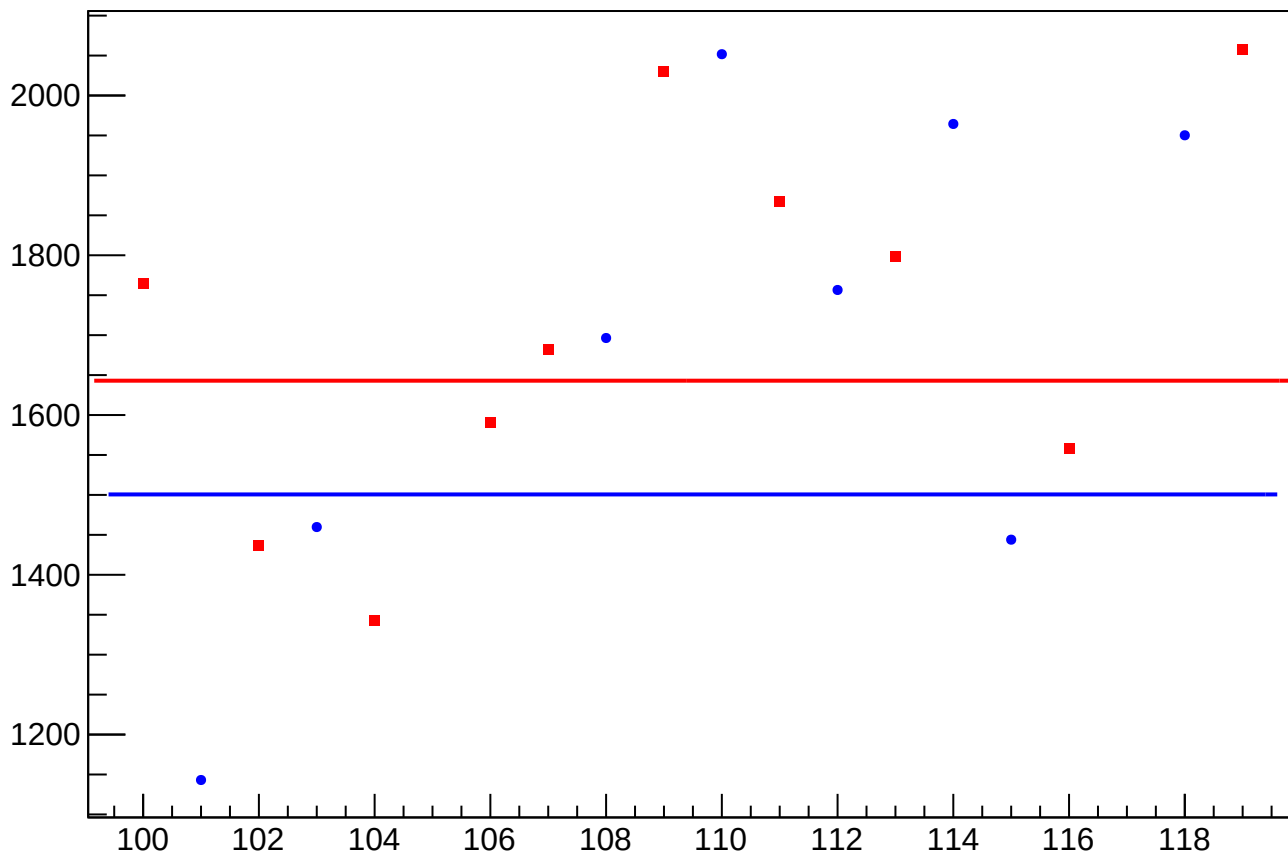
Right: -533.453+/-587.546 χ^2/NDF : 19.8/17

In: -248.219+/-841.534 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -533.453+/-587.546 χ^2/NDF : 19.8/17

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1500.603+/-0.595 χ^2/NDF : 285454.1/7

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

Right Out: 1642.989+/-0.580 χ^2/NDF : 188923.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

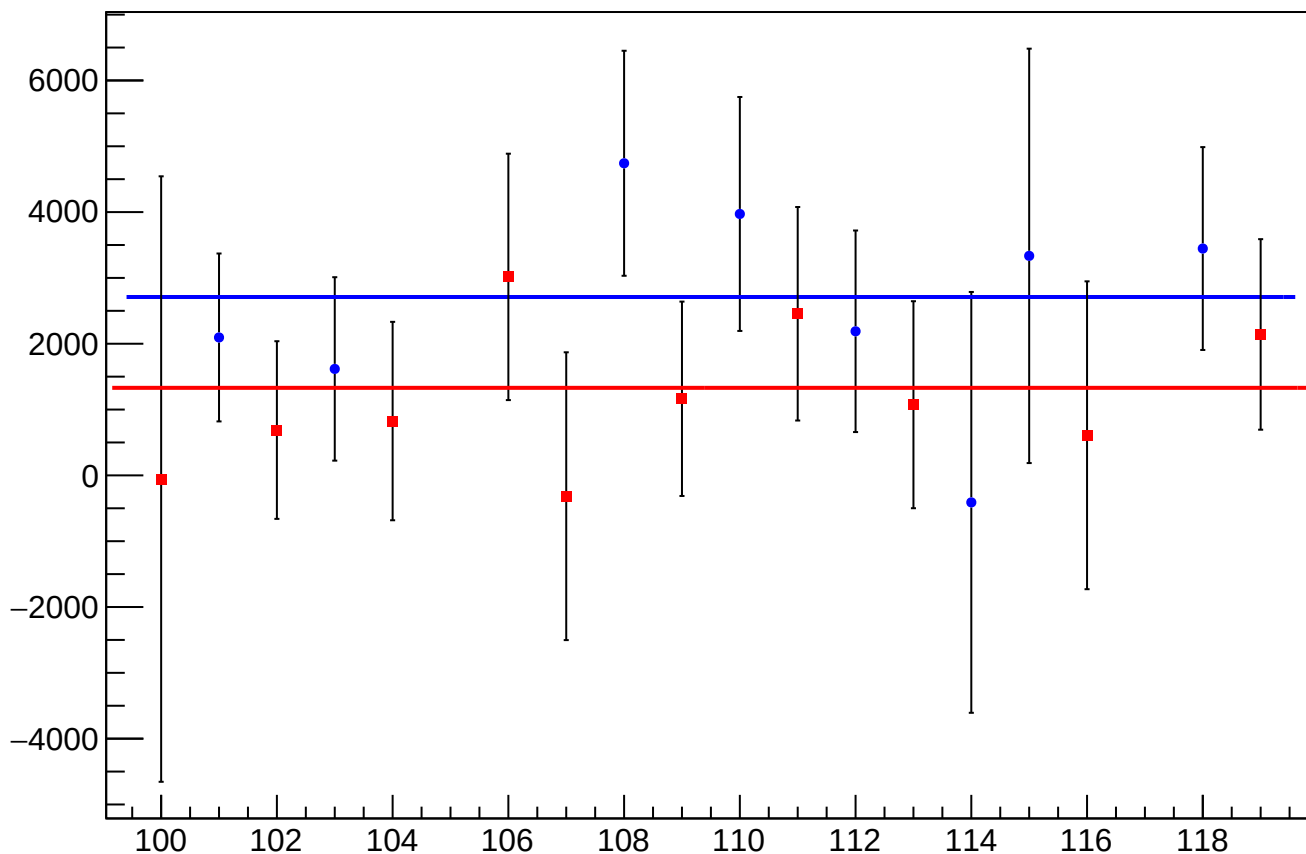
Right: 1573.581+/-0.415 χ^2/NDF : 503723.1/17

In: 1500.603+/-0.595 χ^2/NDF : 285454.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.581+/-0.415 χ^2/NDF : 503723.1/17

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

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

Right Out: 1330.041+/-539.591 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

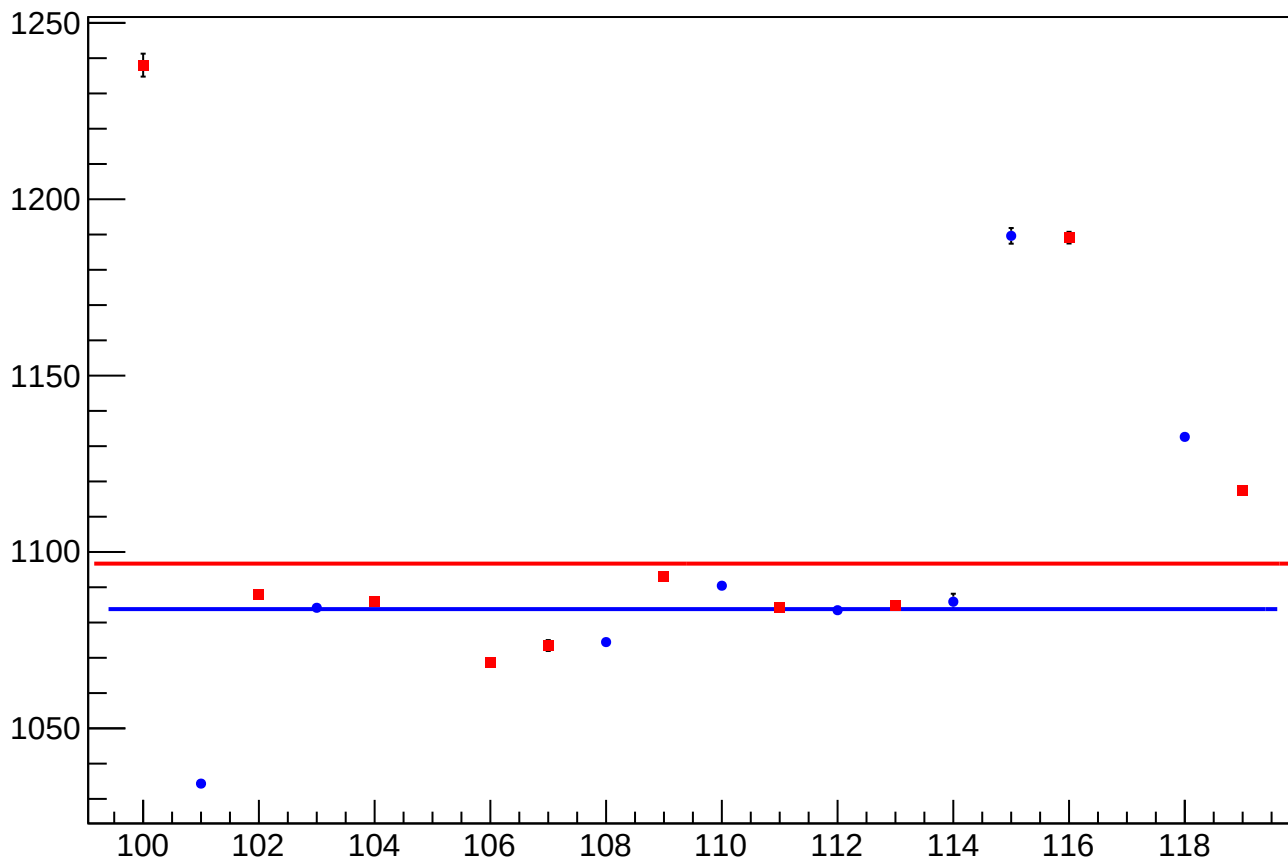
Right: 1954.036+/-399.379 χ^2/NDF : 9.8/17

In: 2710.020+/-593.924 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.036+/-399.379 χ^2/NDF : 9.8/17

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1083.805+/-0.420 χ^2/NDF : 7365.6/7

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

Right Out: 1096.702+/-0.382 χ^2/NDF : 6526.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

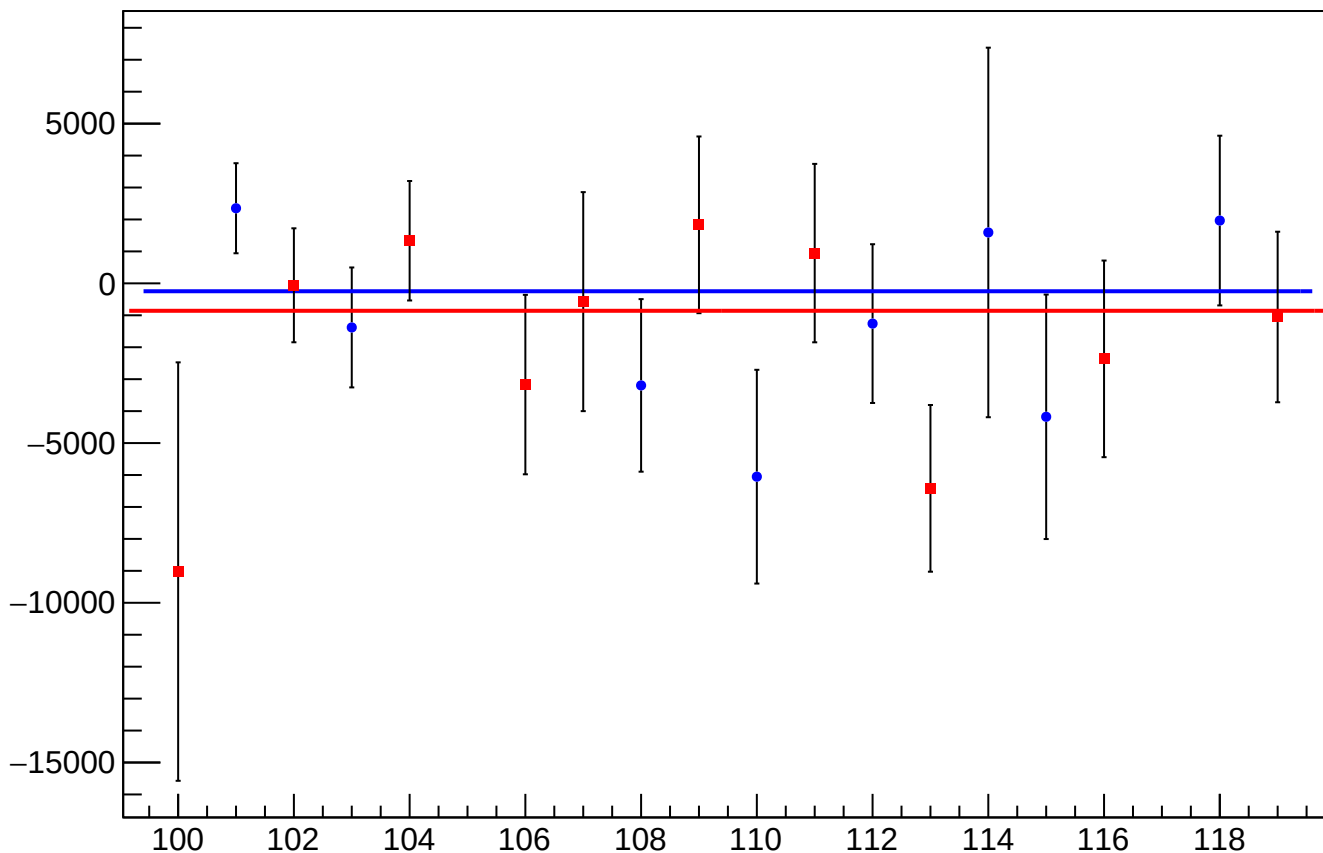
Right: 1090.870+/-0.282 χ^2/NDF : 14408.7/17

In: 1083.805+/-0.420 χ^2/NDF : 7365.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1090.870+/-0.282 χ^2/NDF : 14408.7/17

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -247.221+/-840.606 χ^2/NDF : 10.0/7

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

Right Out: -858.979+/-820.053 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

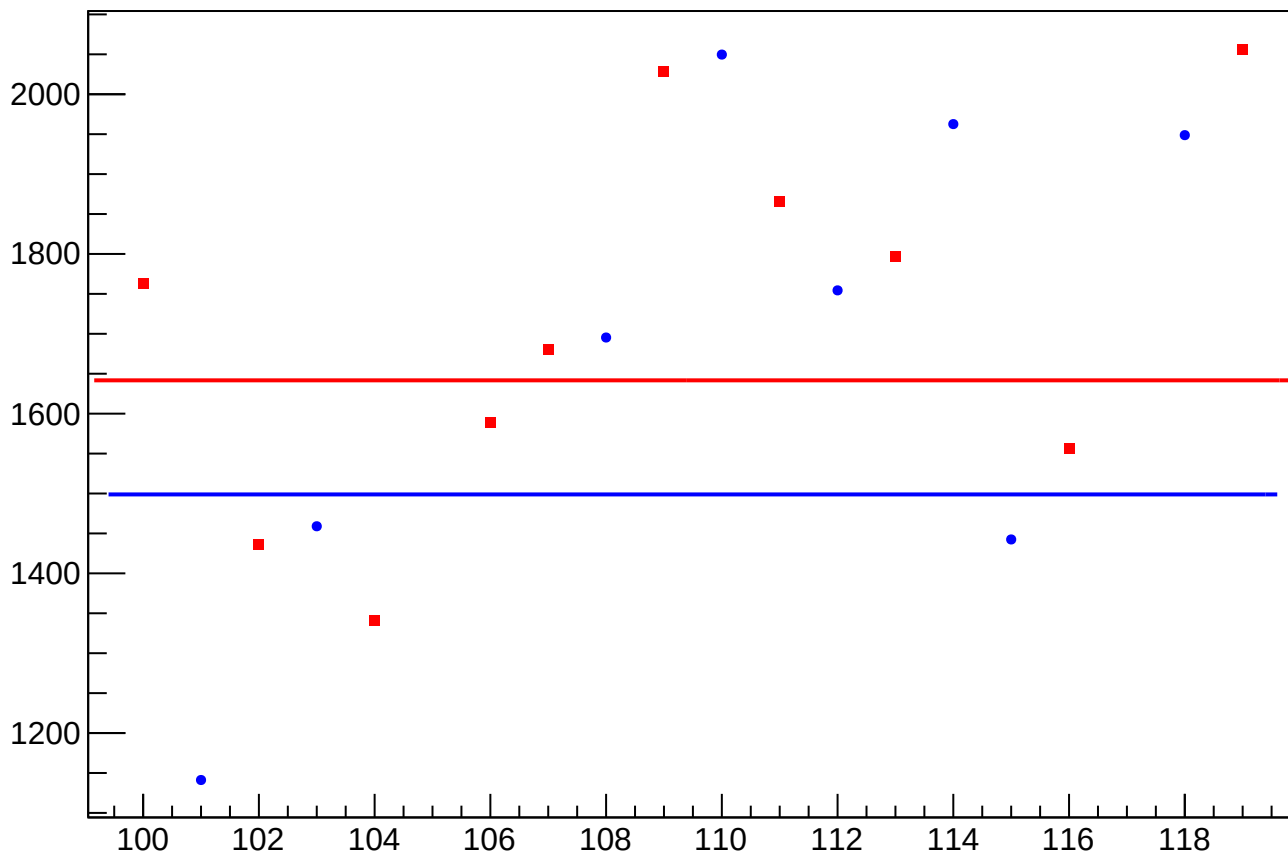
Right: -560.670+/-586.997 χ^2/NDF : 20.2/17

In: -247.221+/-840.606 χ^2/NDF :10.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -560.670+/-586.997 χ^2/NDF : 20.2/17

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

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

Right Out: 1641.719+/-0.580 χ^2/NDF : 188737.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

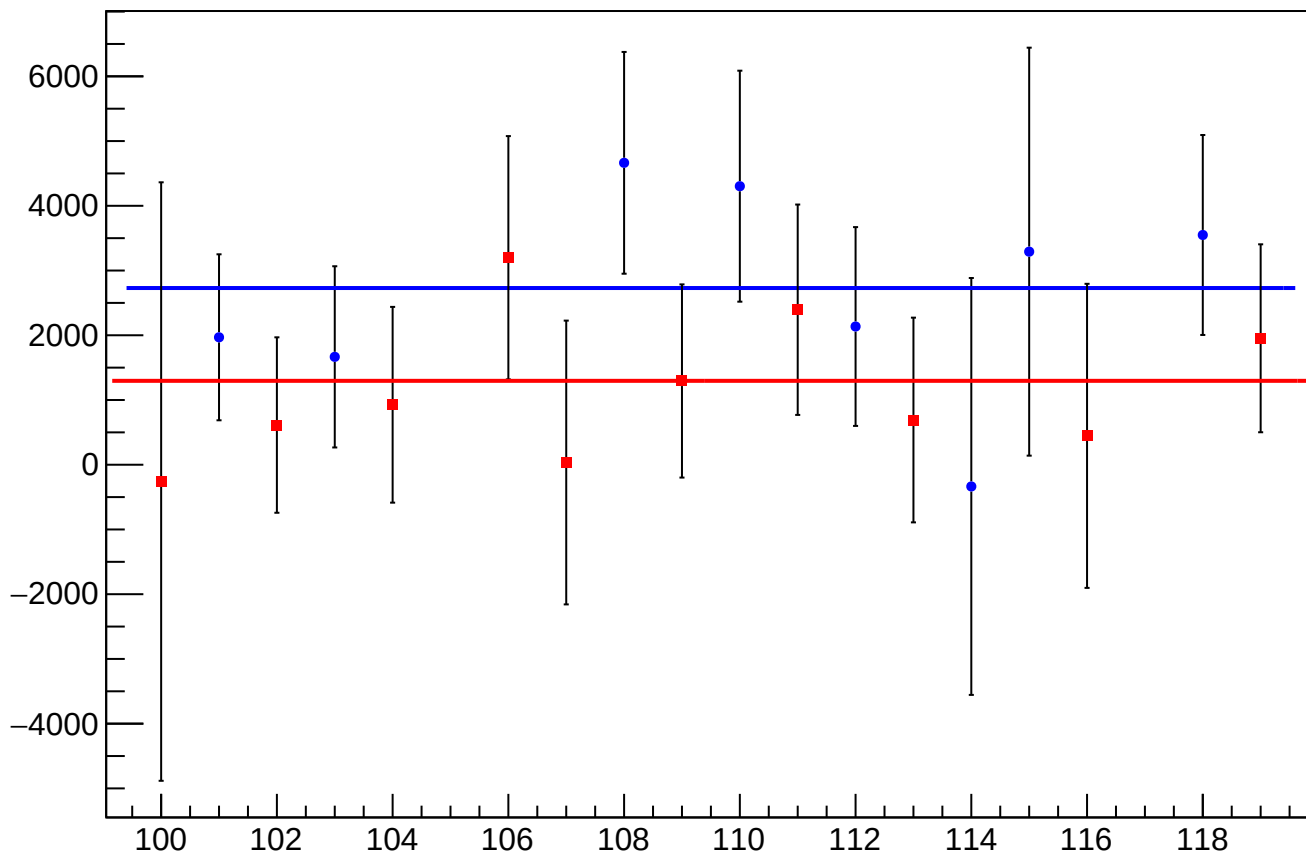
Right: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

In: 1498.846+/-0.594 χ^2/NDF : 286252.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.051+/-0.415 χ^2/NDF : 504593.0/17

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2729.757+/-596.115 χ^2/NDF : 4.4/7

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

Right Out: 1296.077+/-542.050 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

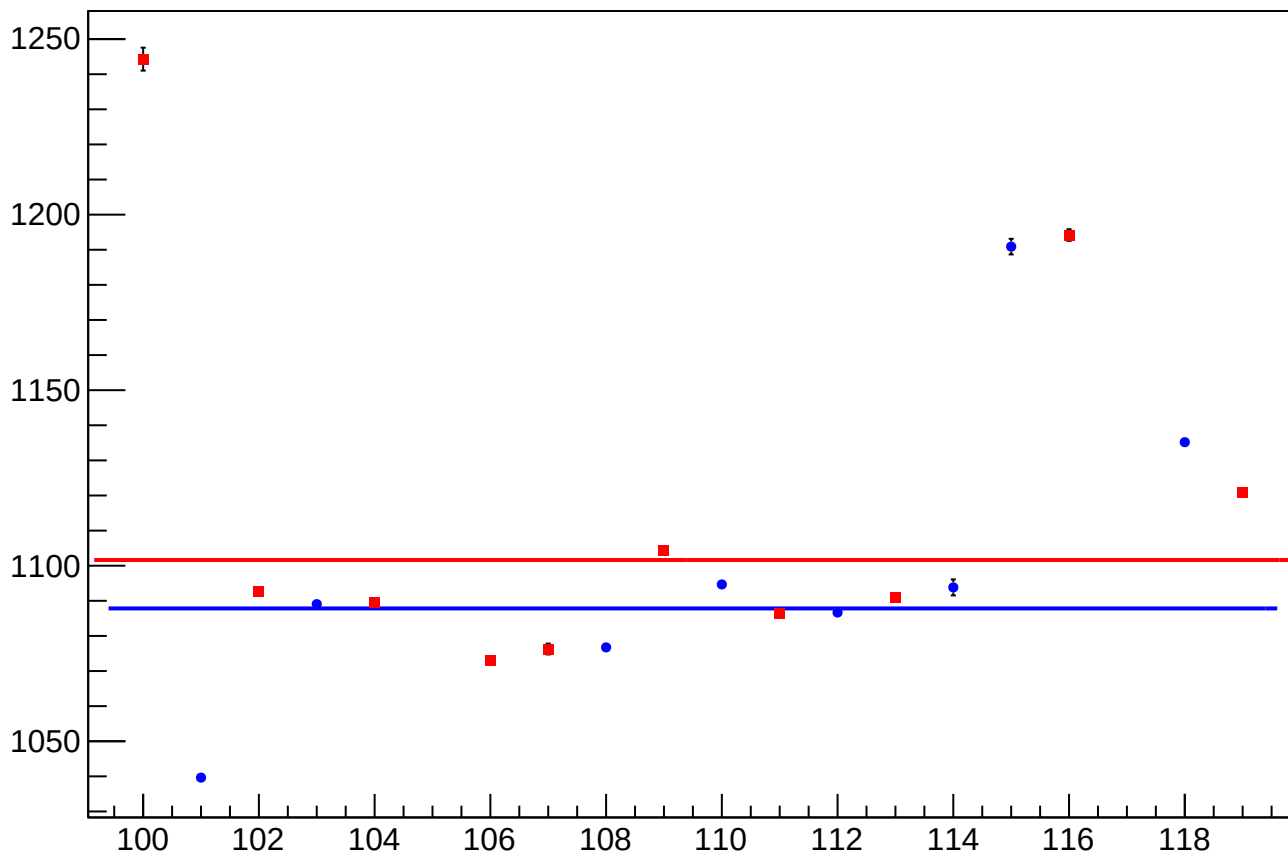
Right: 1944.968+/-401.042 χ^2/NDF : 10.2/17

In: 2729.757+/-596.115 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1944.968+/-401.042 χ^2/NDF : 10.2/17

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1087.830+/-0.422 χ^2/NDF : 6967.9/7

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

Right Out: 1101.627+/-0.383 χ^2/NDF : 6587.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

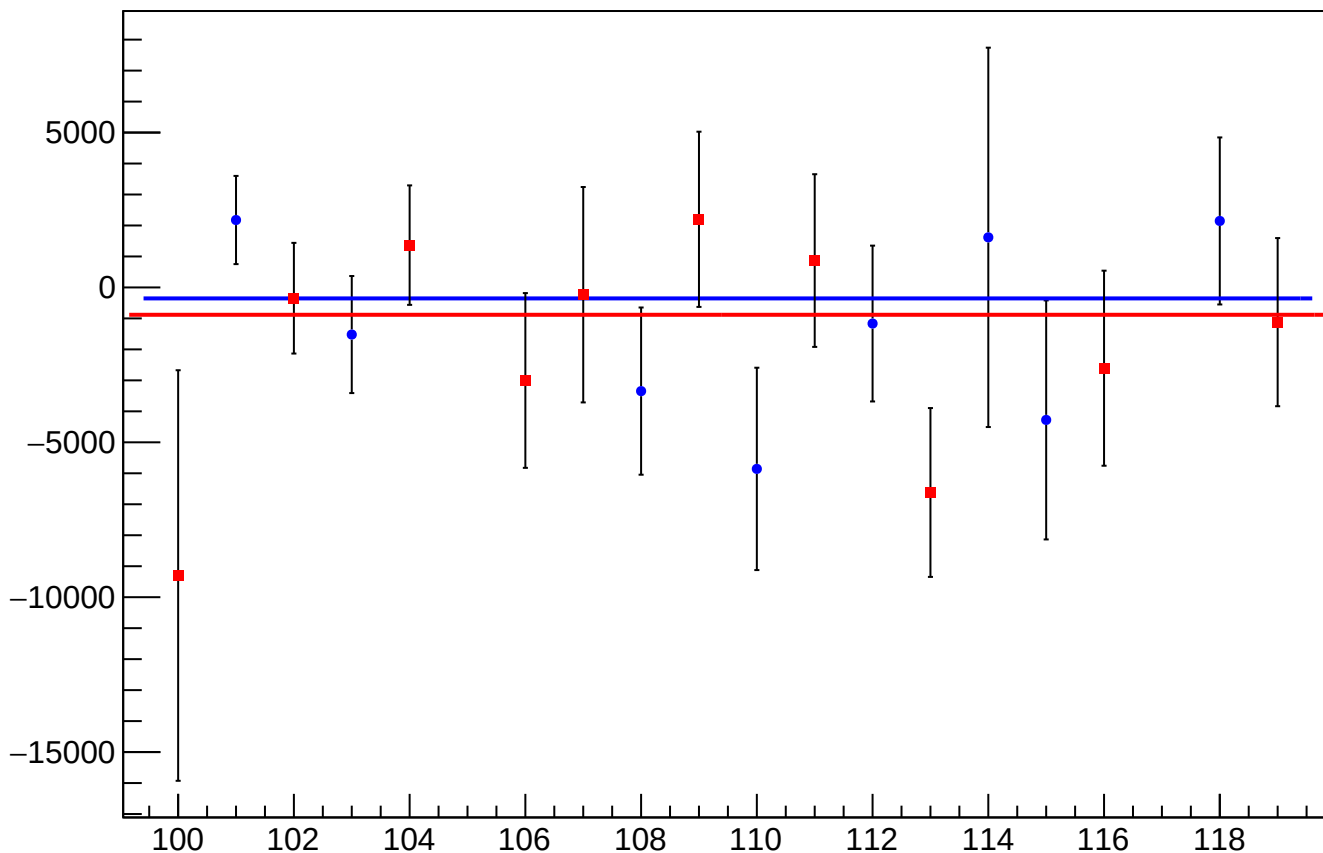
Right: 1095.382+/-0.284 χ^2/NDF : 14141.6/17

In: 1087.830+/-0.422 χ^2/NDF : 6967.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.382+/-0.284 χ^2/NDF : 14141.6/17

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: -354.376+/-846.990 χ^2/NDF : 9.7/7

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

Right Out: -882.877+/-833.805 χ^2/NDF : 10.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

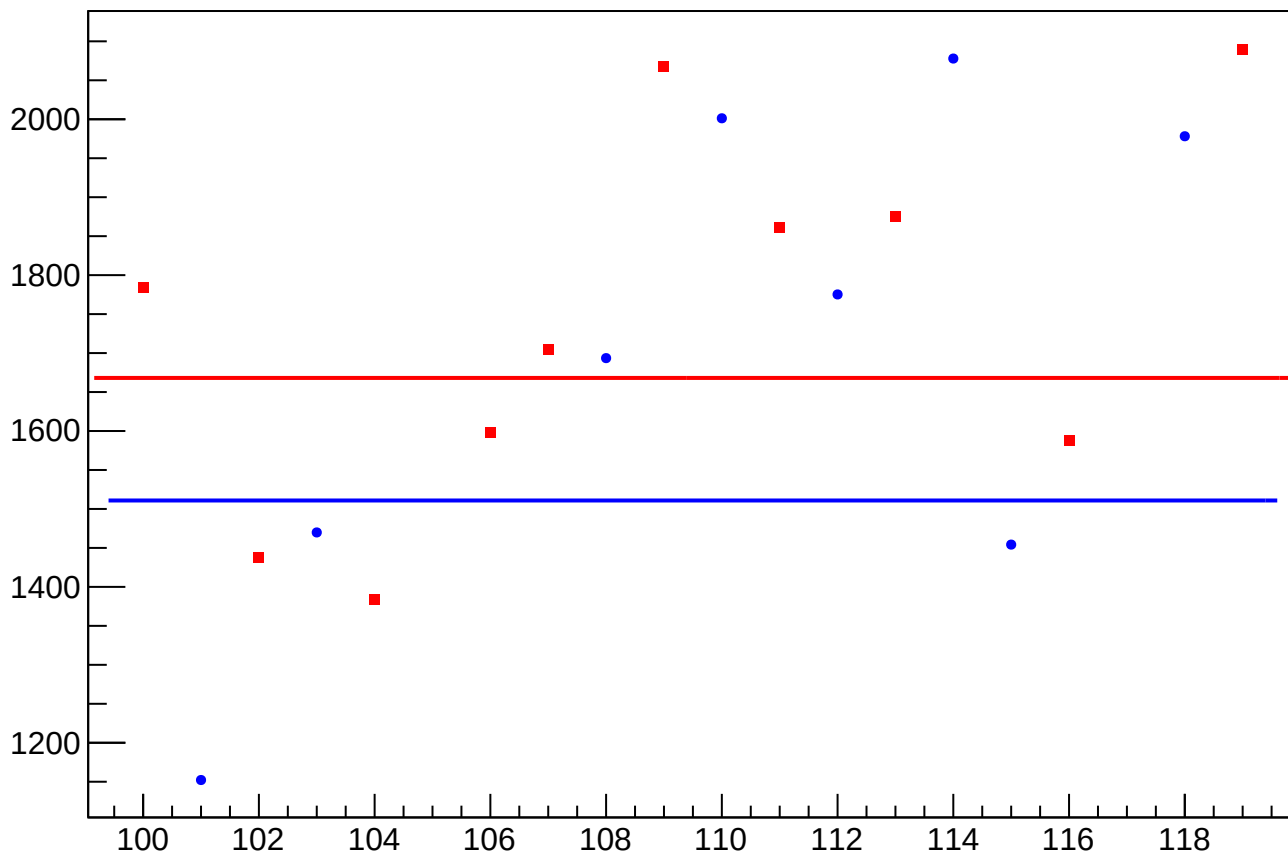
Right: -622.772+/-594.196 χ^2/NDF : 19.9/17

In: -354.376+/-846.990 χ^2/NDF : 9.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.772+/-594.196 χ^2/NDF : 19.9/17

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1510.857+/-0.599 χ^2/NDF : 281880.5/7

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

Right Out: 1668.107+/-0.590 χ^2/NDF : 189559.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

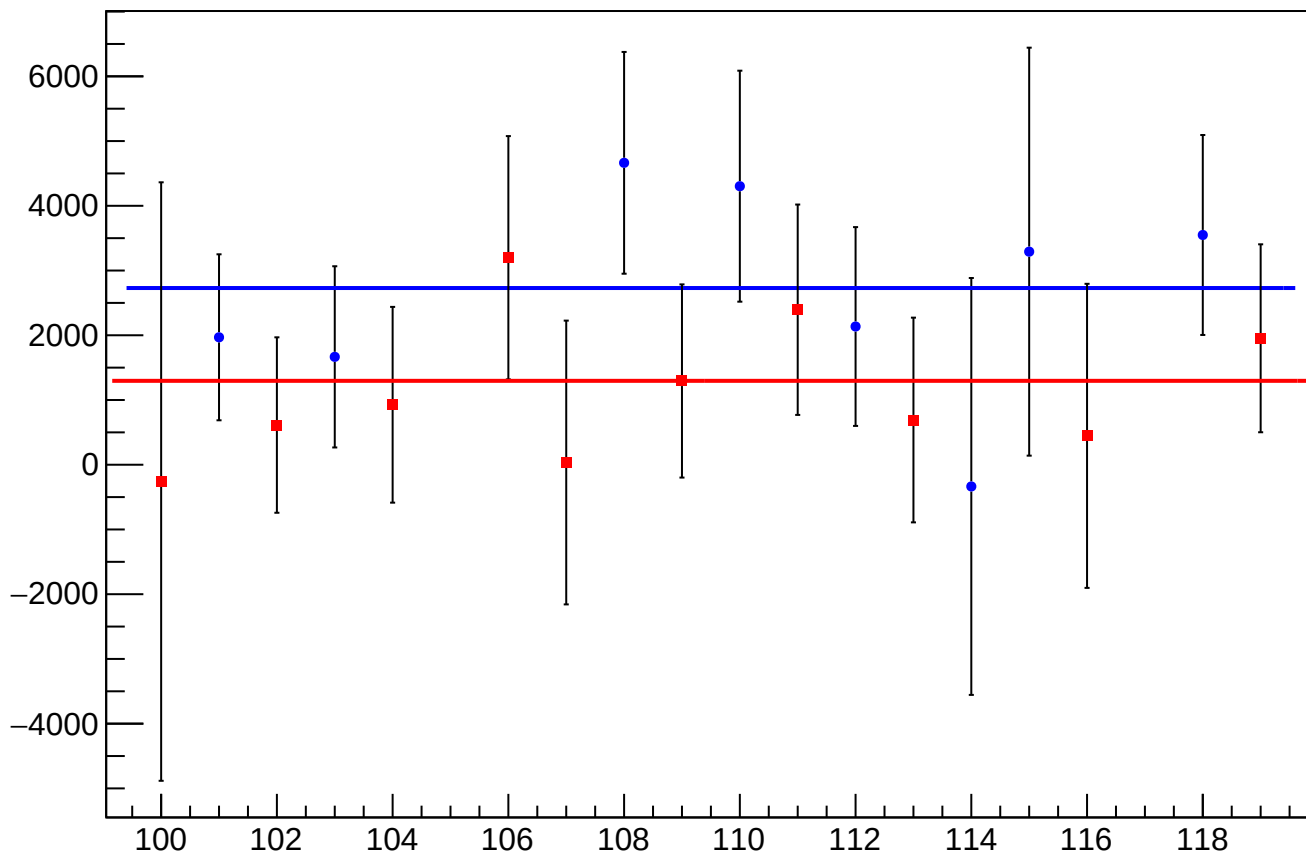
Right: 1590.716+/-0.420 χ^2/NDF : 506448.9/17

In: 1510.857+/-0.599 χ^2/NDF : 281880.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.716+/-0.420 χ^2/NDF : 506448.9/17

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2729.760+/-596.115 χ^2/NDF : 4.4/7

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

Right Out: 1296.081+/-542.050 χ^2/NDF : 2.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

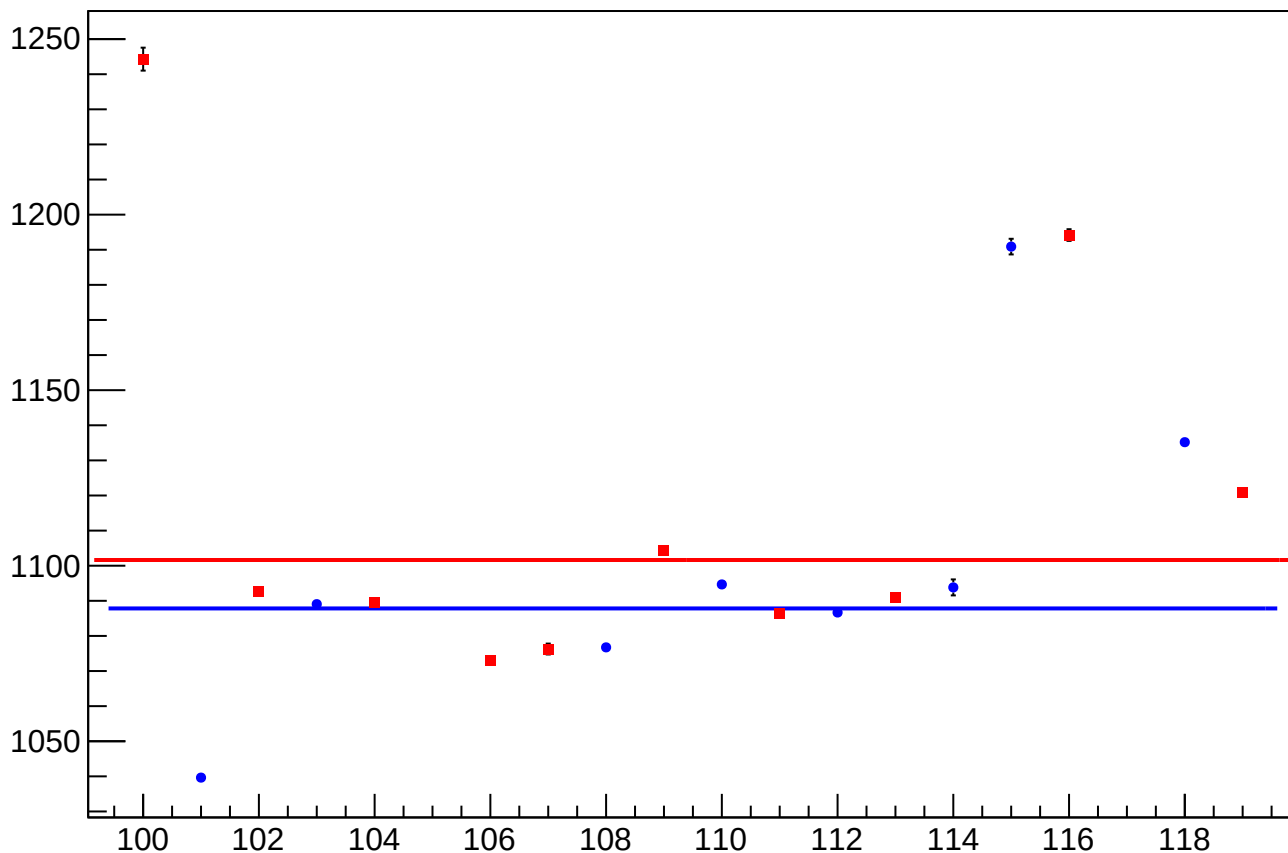
Right: 1944.971+/-401.042 χ^2/NDF : 10.2/17

In: 2729.760+/-596.115 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1944.971+/-401.042 χ^2/NDF : 10.2/17

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1087.830+/-0.422 χ^2/NDF : 6967.8/7

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

Right Out: 1101.627+/-0.383 χ^2/NDF : 6587.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

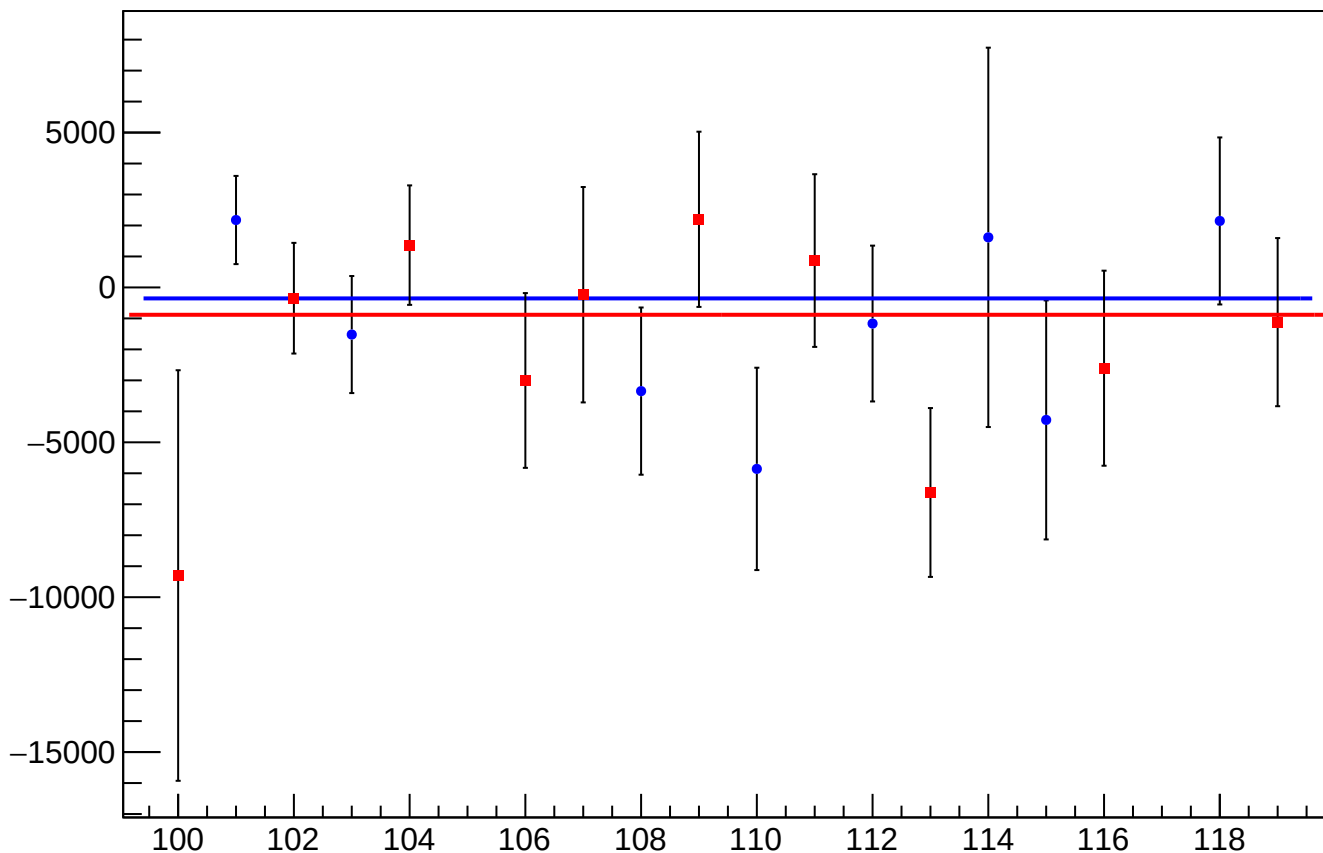
Right: 1095.382+/-0.284 χ^2/NDF : 14141.6/17

In: 1087.830+/-0.422 χ^2/NDF : 6967.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.382+/-0.284 χ^2/NDF : 14141.6/17

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -354.377+/-846.989 χ^2/NDF : 9.7/7

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

Right Out: -882.881+/-833.804 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

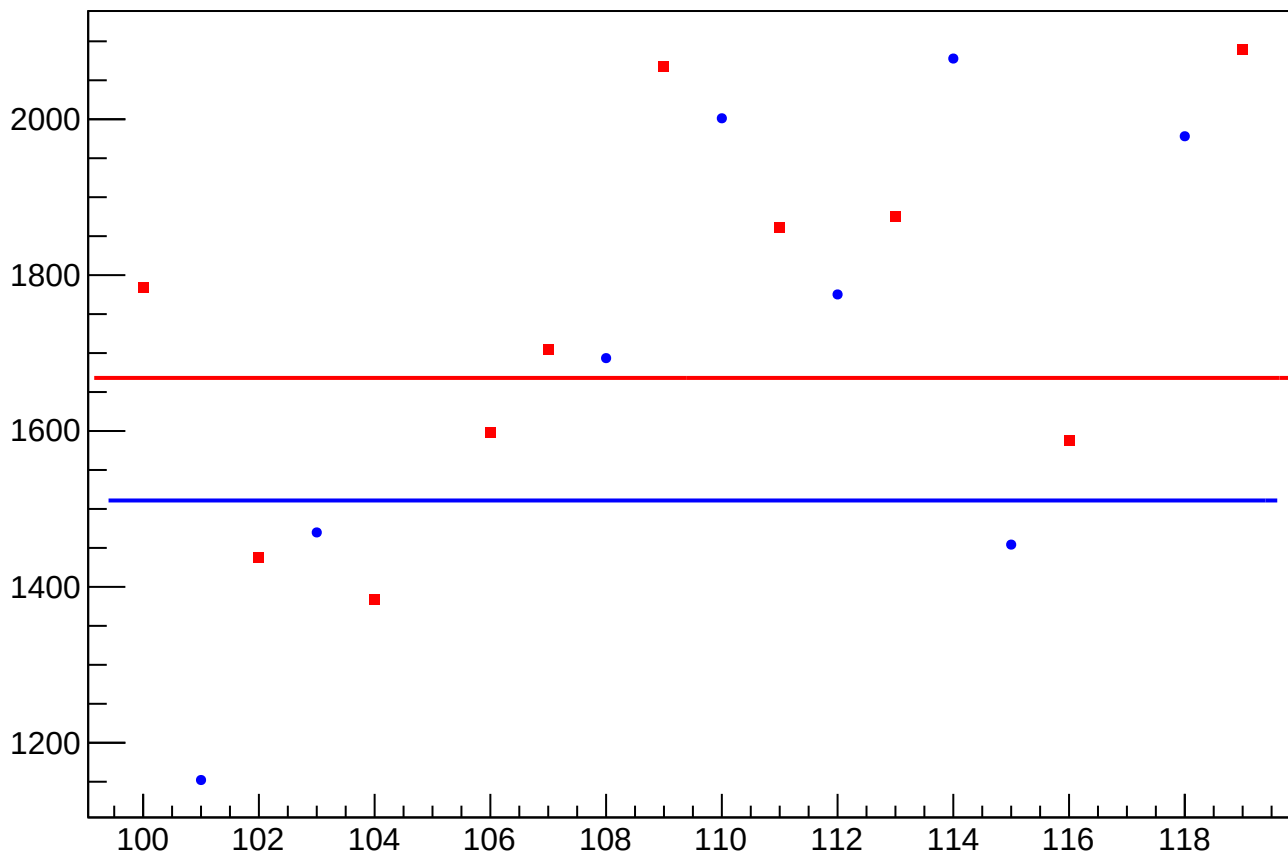
Right: -622.775+/-594.195 χ^2/NDF : 19.9/17

In: -354.377+/-846.989 χ^2/NDF :9.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -622.775+/-594.195 χ^2/NDF : 19.9/17

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1510.855+/-0.599 χ^2/NDF : 281875.2/7

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

Right Out: 1668.107+/-0.590 χ^2/NDF : 189552.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

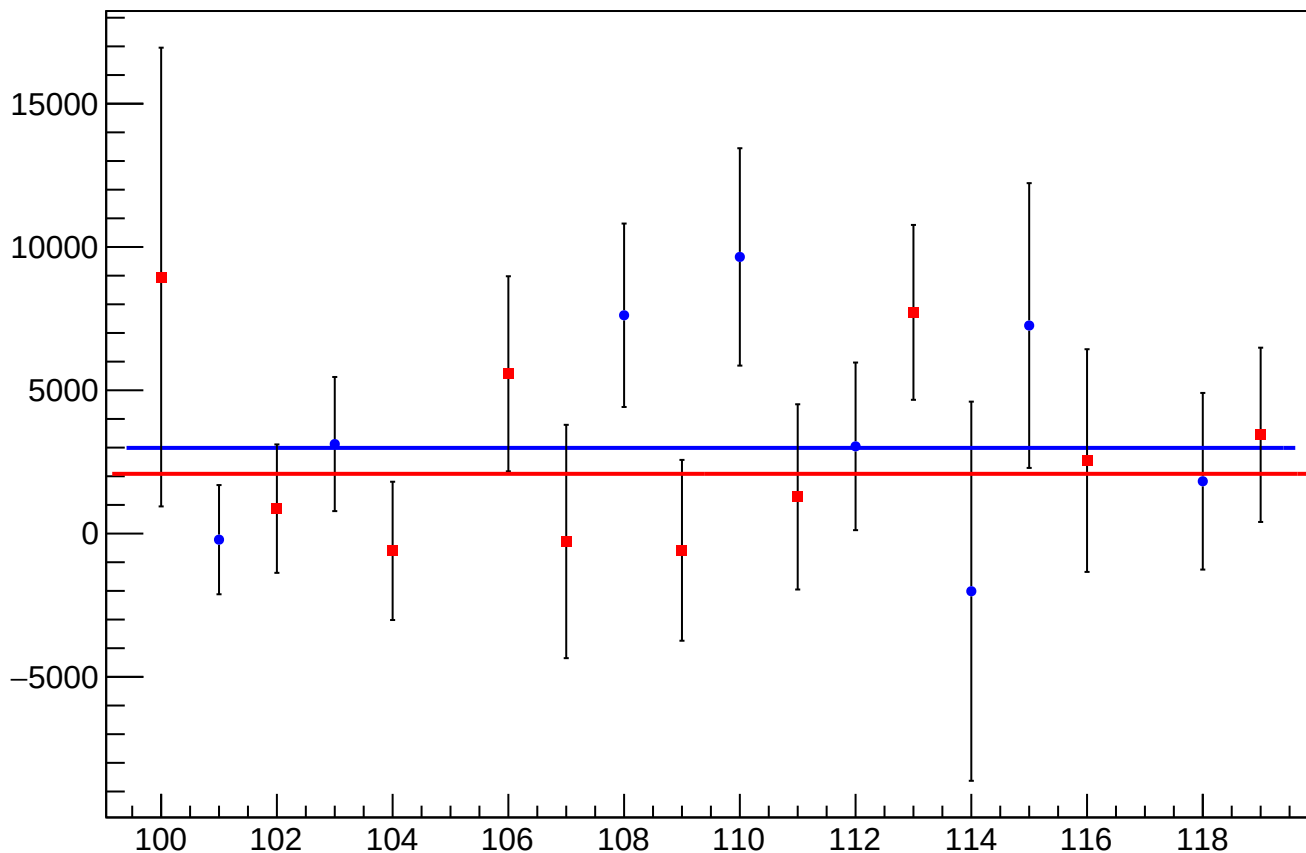
Right: 1590.715+/-0.420 χ^2/NDF : 506437.3/17

In: 1510.855+/-0.599 χ^2/NDF : 281875.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1590.715+/-0.420 χ^2/NDF : 506437.3/17

asym_usr_mean vs Slug, Sign Corrected



Right In: 2989.755+/-1047.832 χ^2/NDF : 9.5/7

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

Right Out: 2084.831+/-994.394 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

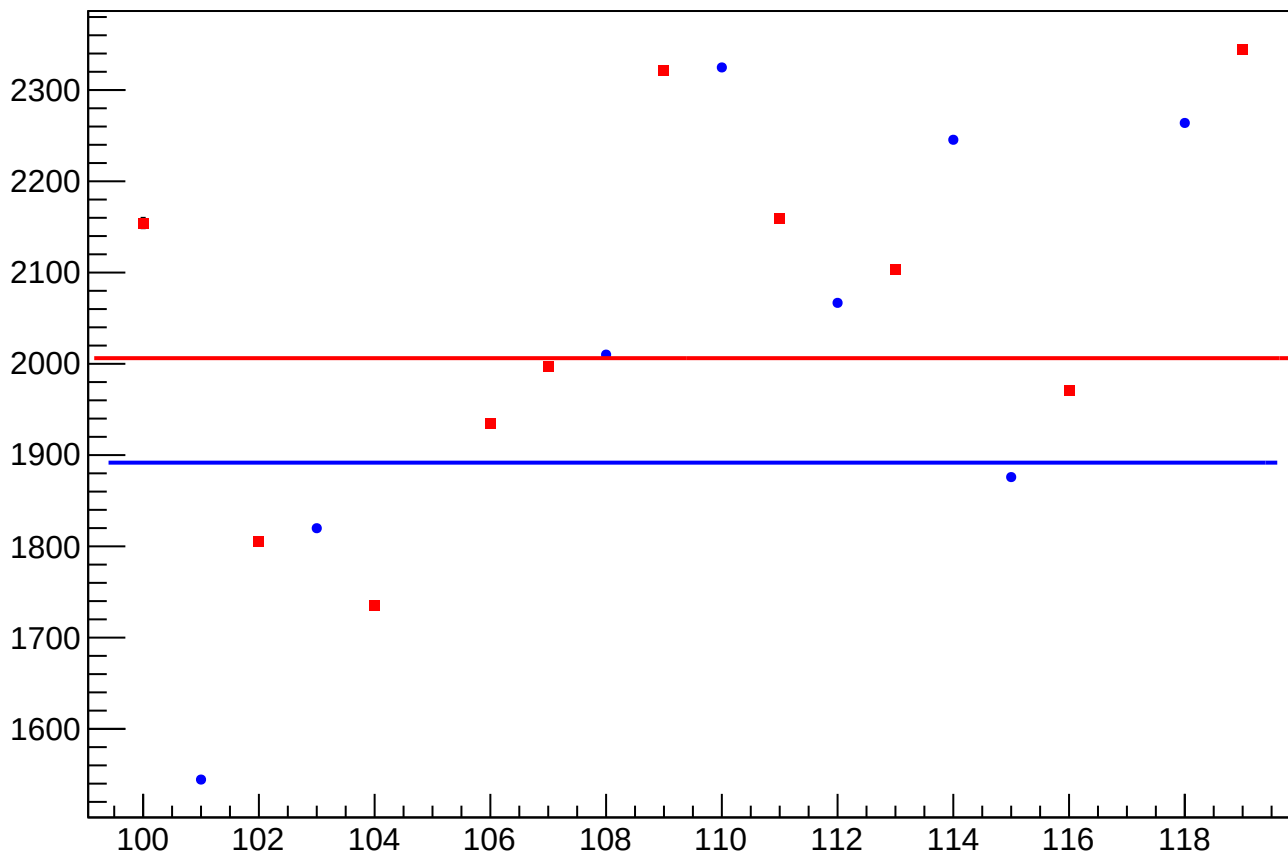
Right: 2513.631+/-721.295 χ^2/NDF : 17.9/17

In: 2989.755+/-1047.832 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2513.631+/-721.295 χ^2/NDF : 17.9/17

asym_usr_rms vs Slug, Sign Corrected



Right In: 1891.717+/-0.741 χ^2/NDF : 139214.5/7

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

Right Out: 2006.204+/-0.703 χ^2/NDF : 94326.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

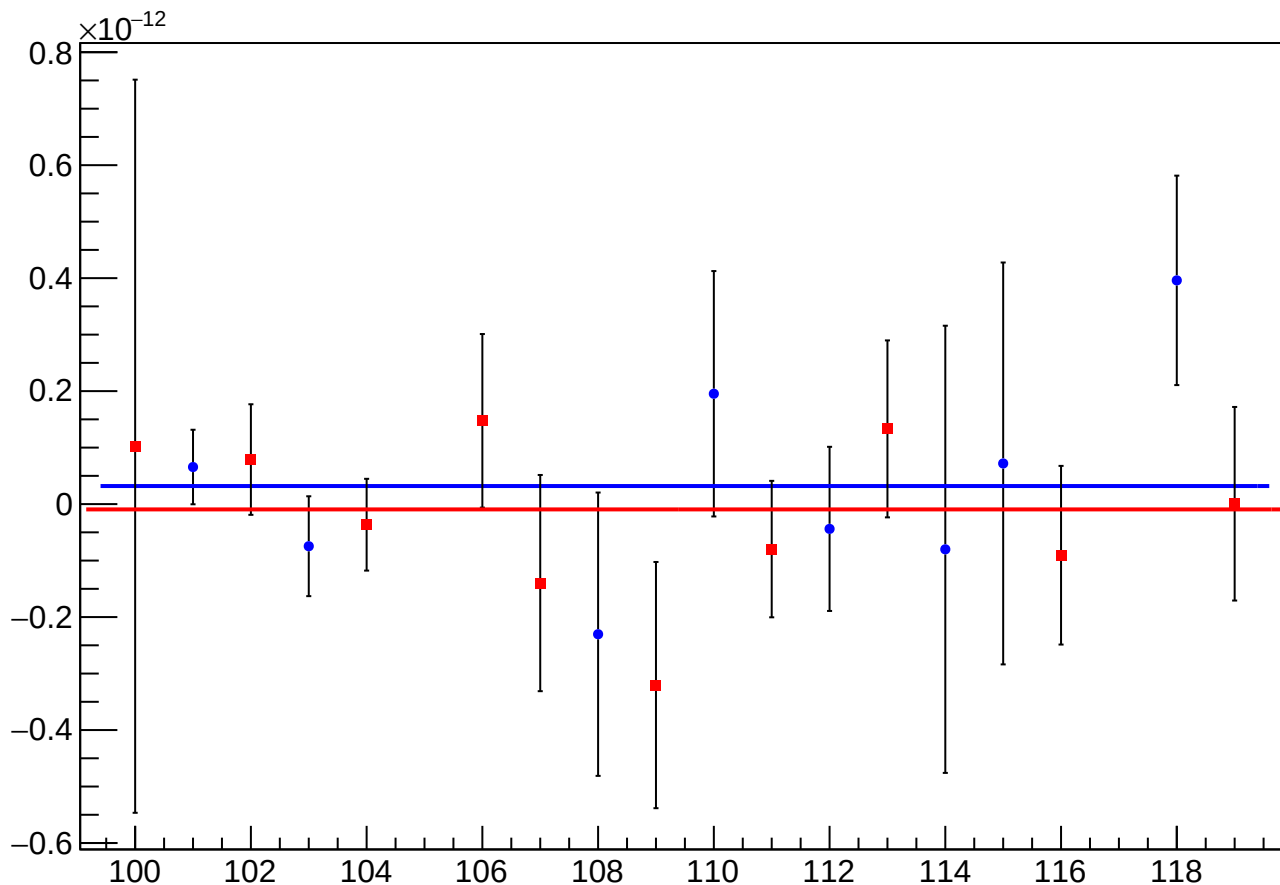
Right: 1951.954+/-0.510 χ^2/NDF : 246103.7/17

In: 1891.717+/-0.741 χ^2/NDF : 139214.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1951.954+/-0.510 χ^2/NDF : 246103.7/17

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

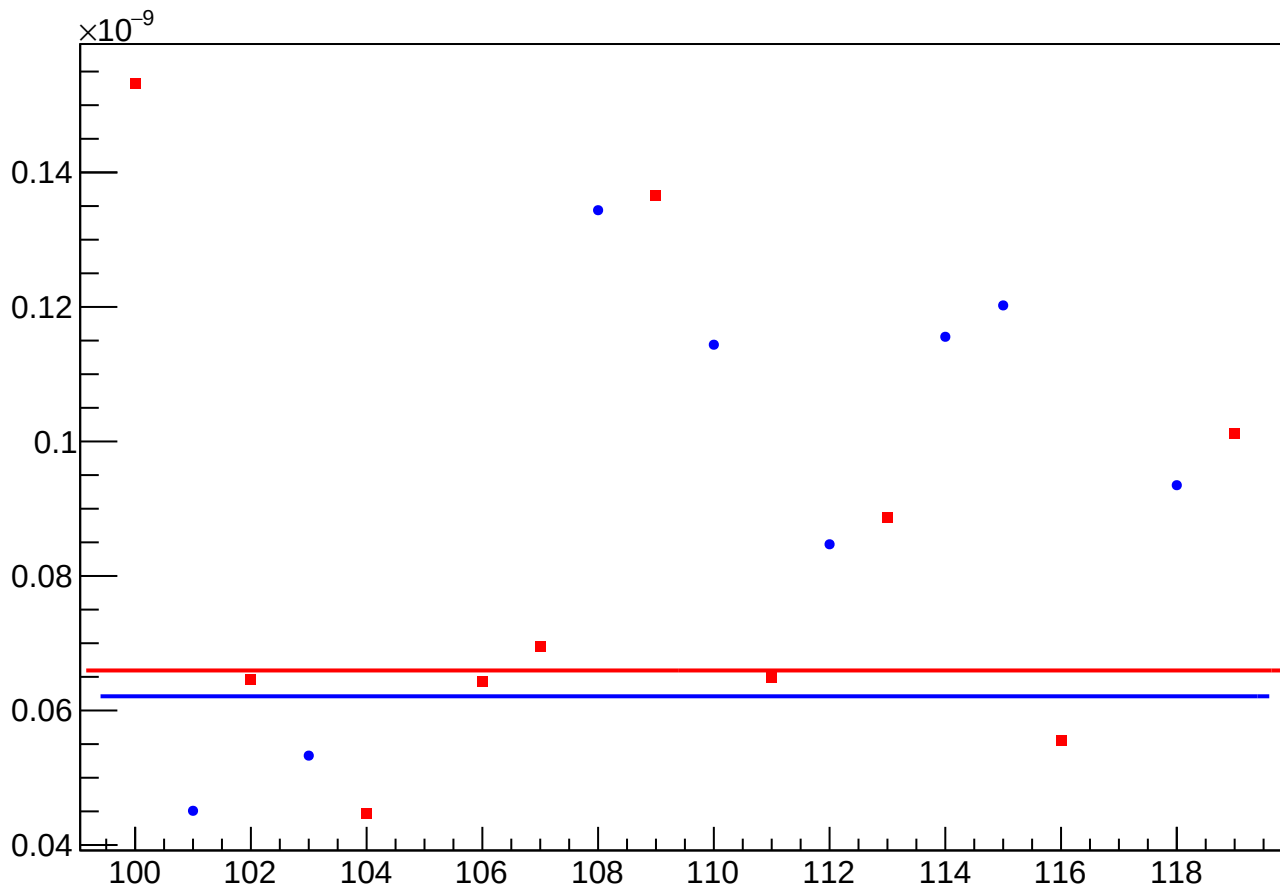
Right: 0.000+/-0.000 χ^2/NDF : 14.0/17

In: 0.000+/-0.000 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/17

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 630654.1/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 519442.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

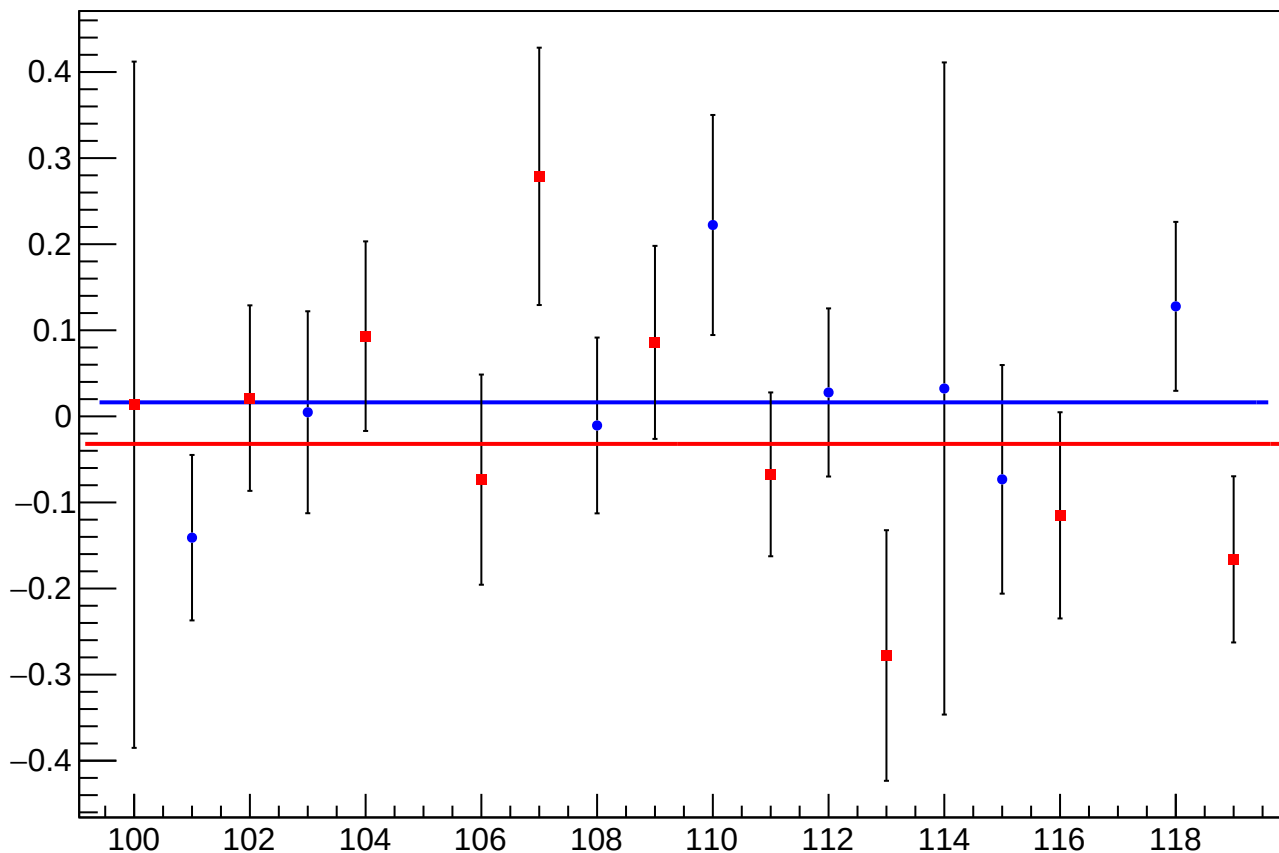
Right: 0.000+/-0.000 χ^2/NDF : 1157587.4/17

In: 0.000+/-0.000 χ^2/NDF : 630654.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1157587.4/17

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.040 χ^2/NDF : 7.1/7

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

Right Out: -0.032+/-0.038 χ^2/NDF : 12.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

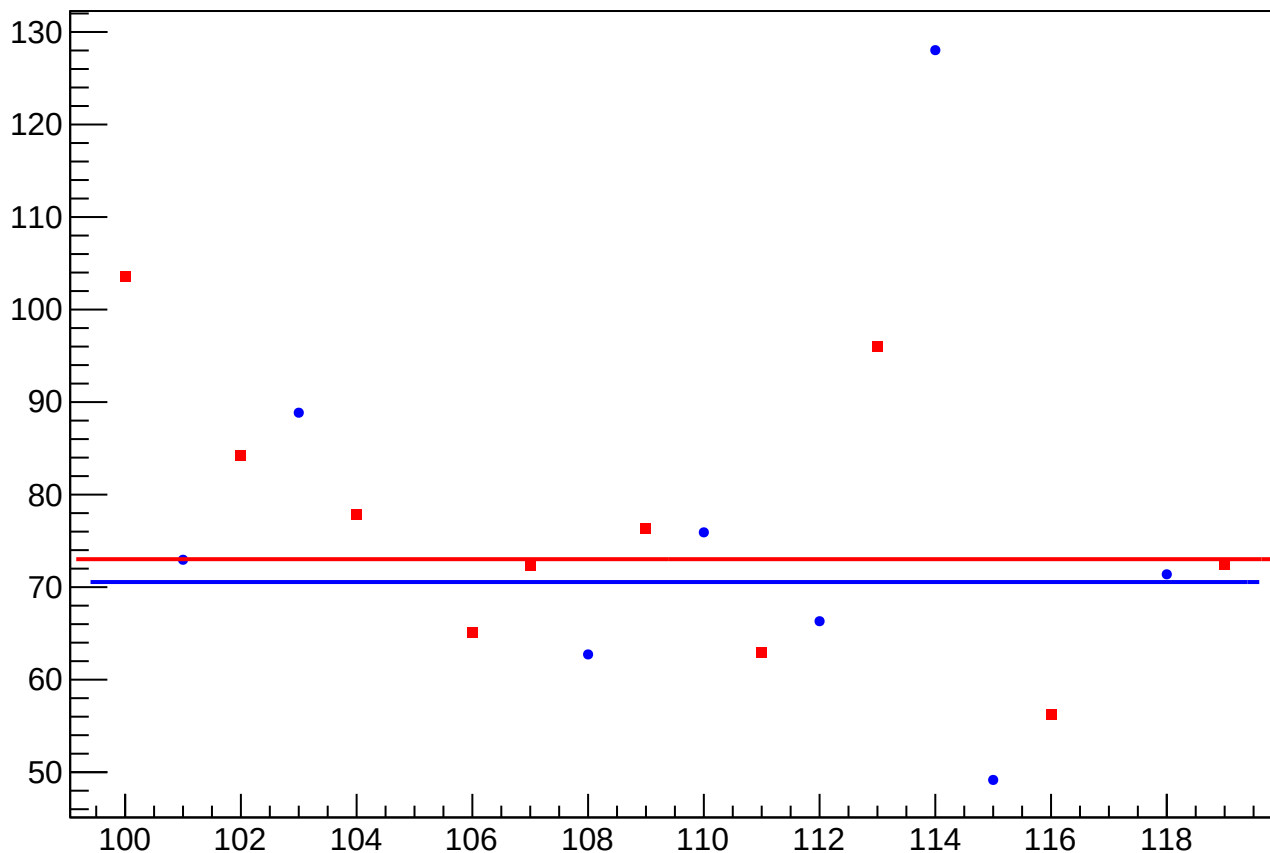
Right: -0.010+/-0.028 χ^2/NDF : 20.4/17

In: 0.016+/-0.040 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.028 χ^2/NDF : 20.4/17

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.551+/-0.029 χ^2/NDF : 167048.1/7

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

Right Out: 73.022+/-0.027 χ^2/NDF : 159255.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

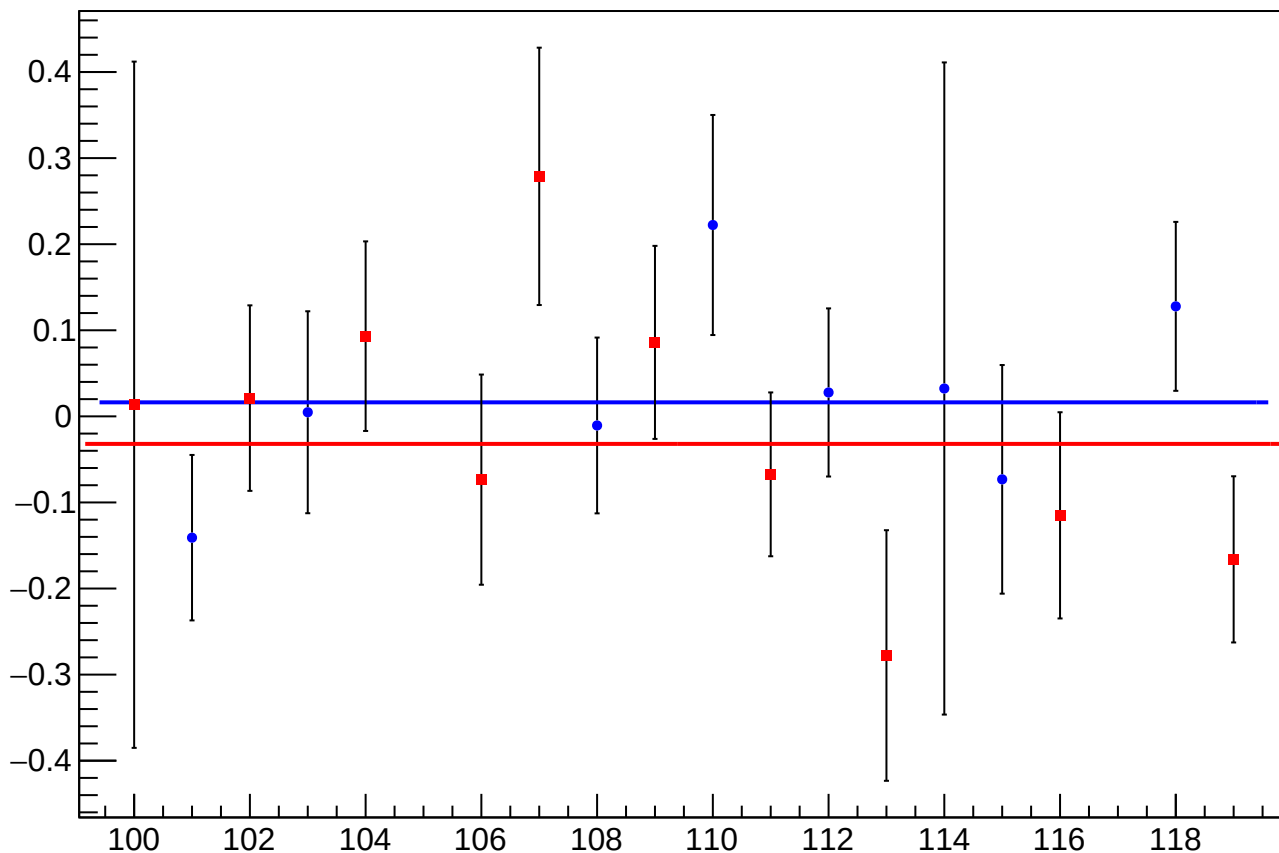
Right: 71.872+/-0.020 χ^2/NDF : 330285.5/17

In: 70.551+/-0.029 χ^2/NDF : 167048.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.872+/-0.020 χ^2/NDF : 330285.5/17

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.040 χ^2/NDF : 7.1/7

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

Right Out: -0.032 $\pm$ 0.038 χ^2/NDF : 12.5/9

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

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

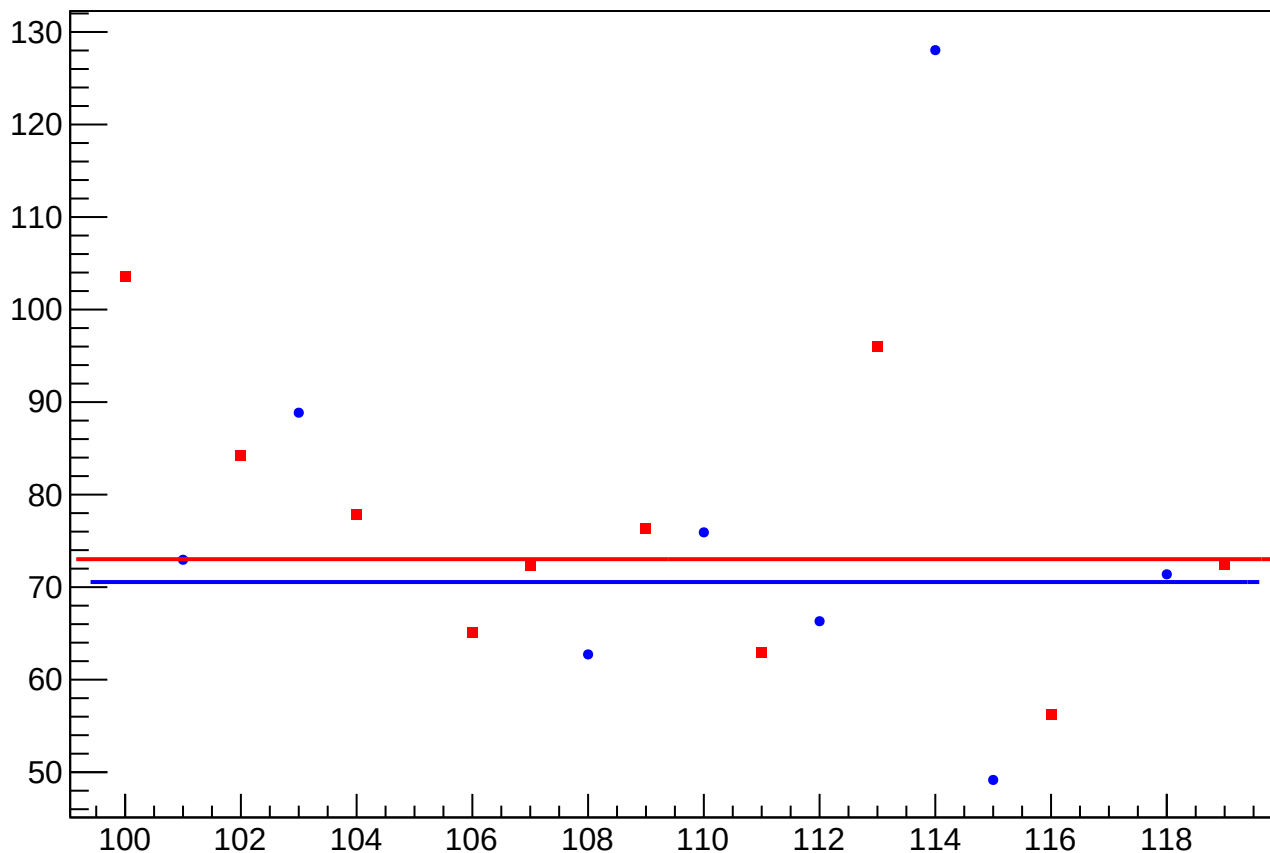
Right: -0.010 $\pm$ 0.028 χ^2/NDF : 20.4/17

In: 0.016 $\pm$ 0.040 χ^2/NDF : 7.1/7

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

All: -0.010 $\pm$ 0.028 χ^2/NDF : 20.4/17

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.551+/-0.029 χ^2/NDF : 167048.1/7

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

Right Out: 73.022+/-0.027 χ^2/NDF : 159255.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

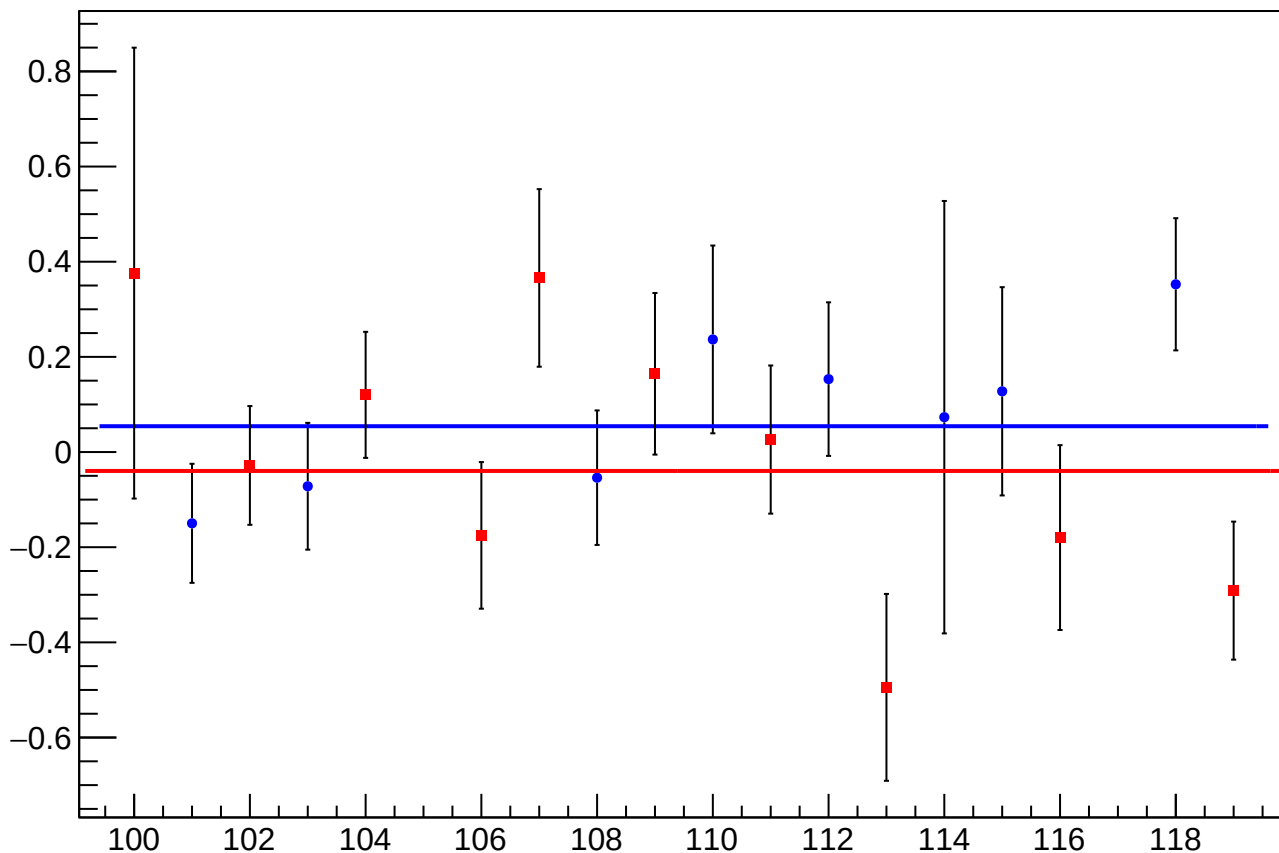
Right: 71.872+/-0.020 χ^2/NDF : 330285.5/17

In: 70.551+/-0.029 χ^2/NDF : 167048.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.872+/-0.020 χ^2/NDF : 330285.5/17

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.057 χ^2/NDF : 10.1/7

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

Right Out: -0.040+/-0.052 χ^2/NDF : 18.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

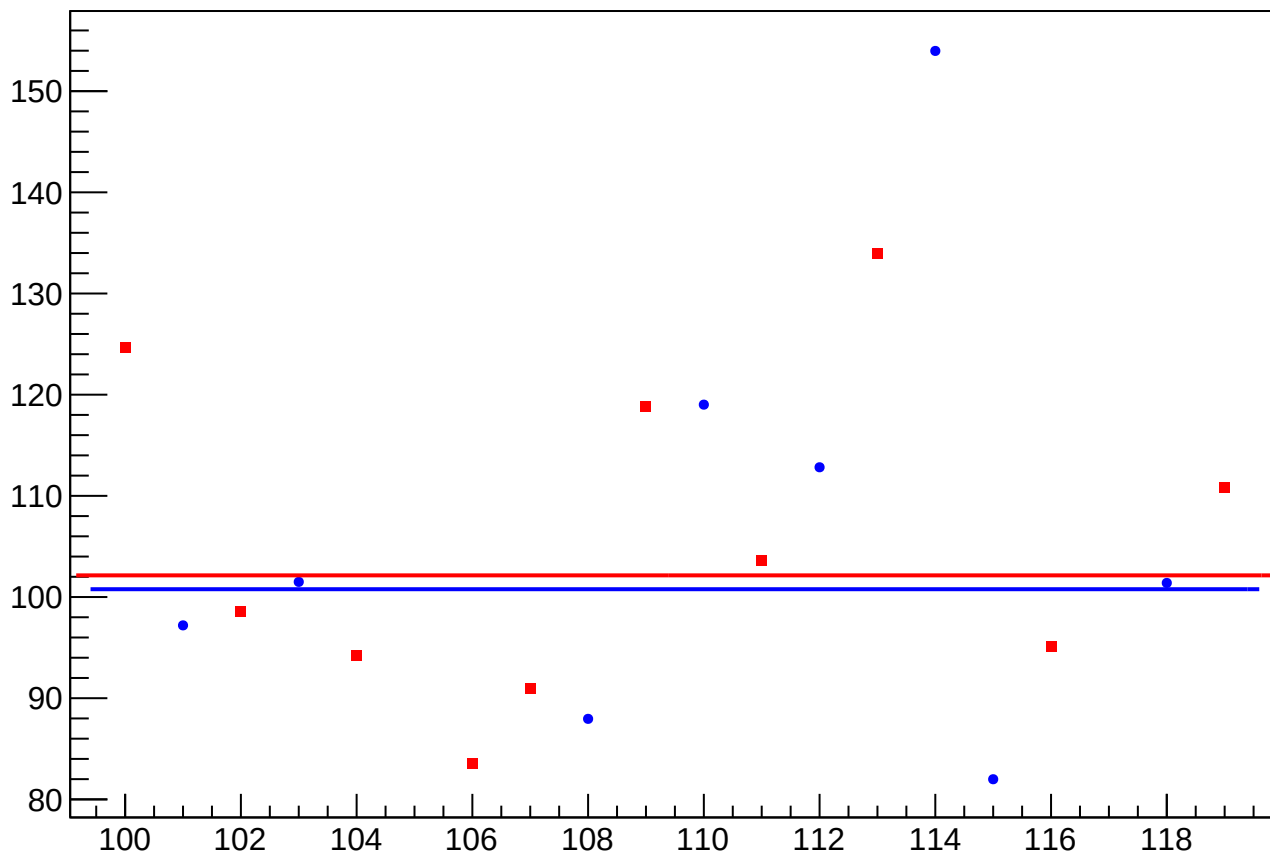
Right: 0.003+/-0.038 χ^2/NDF : 29.9/17

In: 0.054+/-0.057 χ^2/NDF :10.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.038 χ^2/NDF : 29.9/17

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.773+/-0.040 χ^2/NDF : 88564.3/7

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

Right Out: 102.141+/-0.037 χ^2/NDF : 131701.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

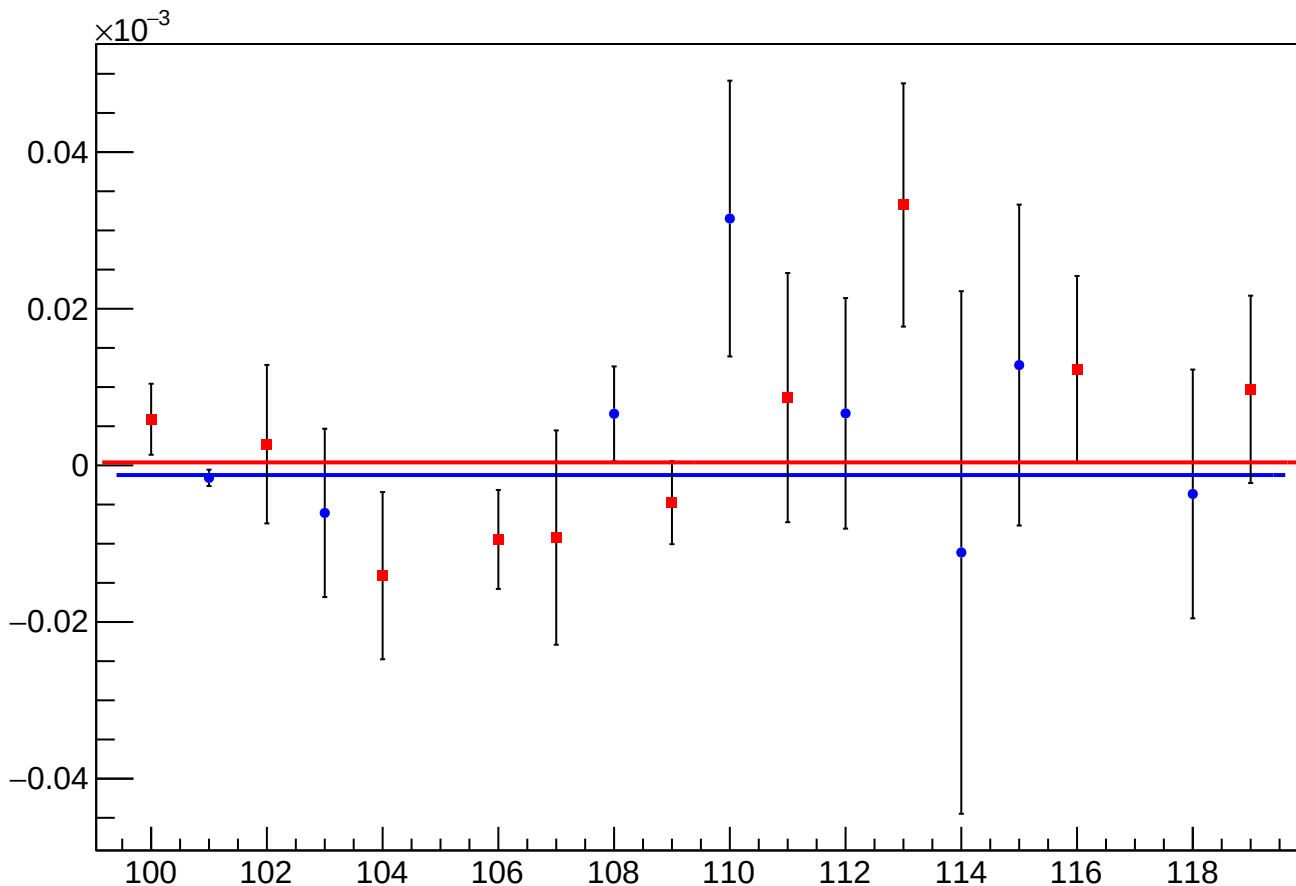
Right: 101.517+/-0.027 χ^2/NDF : 220901.5/17

In: 100.773+/-0.040 χ^2/NDF : 88564.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.517+/-0.027 χ^2/NDF : 220901.5/17

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.3/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

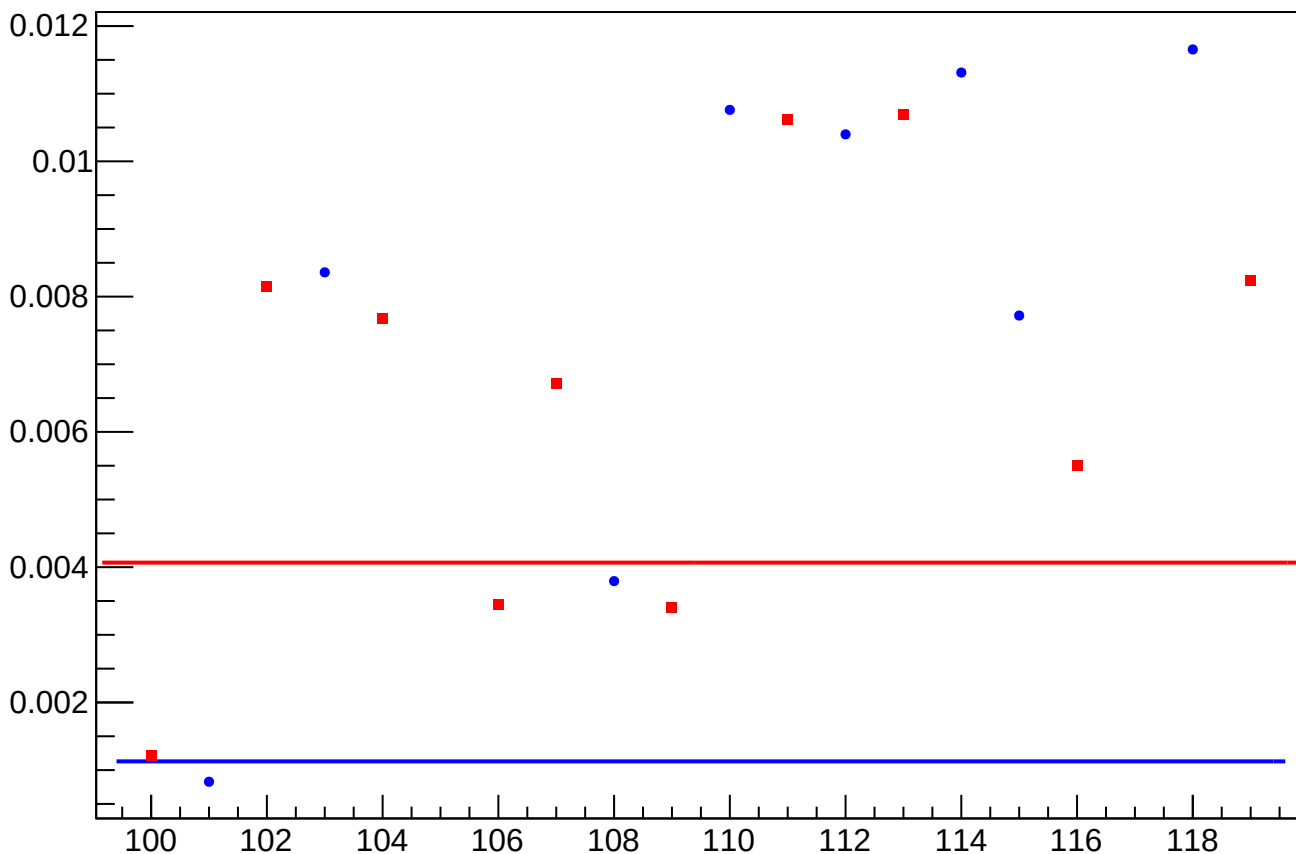
Right: -0.000+/-0.000 χ^2/NDF : 20.2/17

In: -0.000+/-0.000 χ^2/NDF :6.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/17

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4123037.5/7

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

Right Out: 0.004+/-0.000 χ^2/NDF : 2443723.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

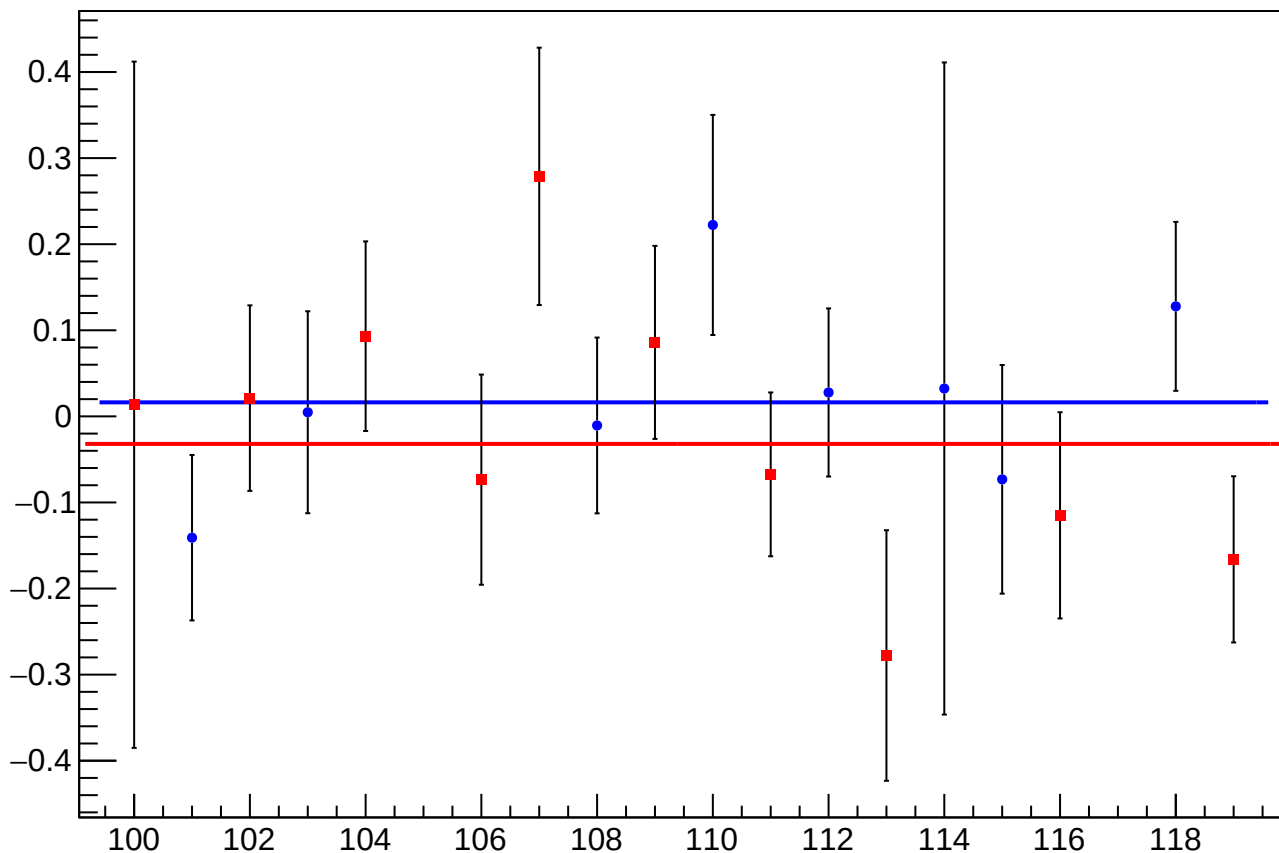
Right: 0.002+/-0.000 χ^2/NDF : 8879247.7/17

In: 0.001+/-0.000 χ^2/NDF : 4123037.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8879247.7/17

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.040 χ^2/NDF : 7.1/7

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

Right Out: -0.032+/-0.038 χ^2/NDF : 12.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

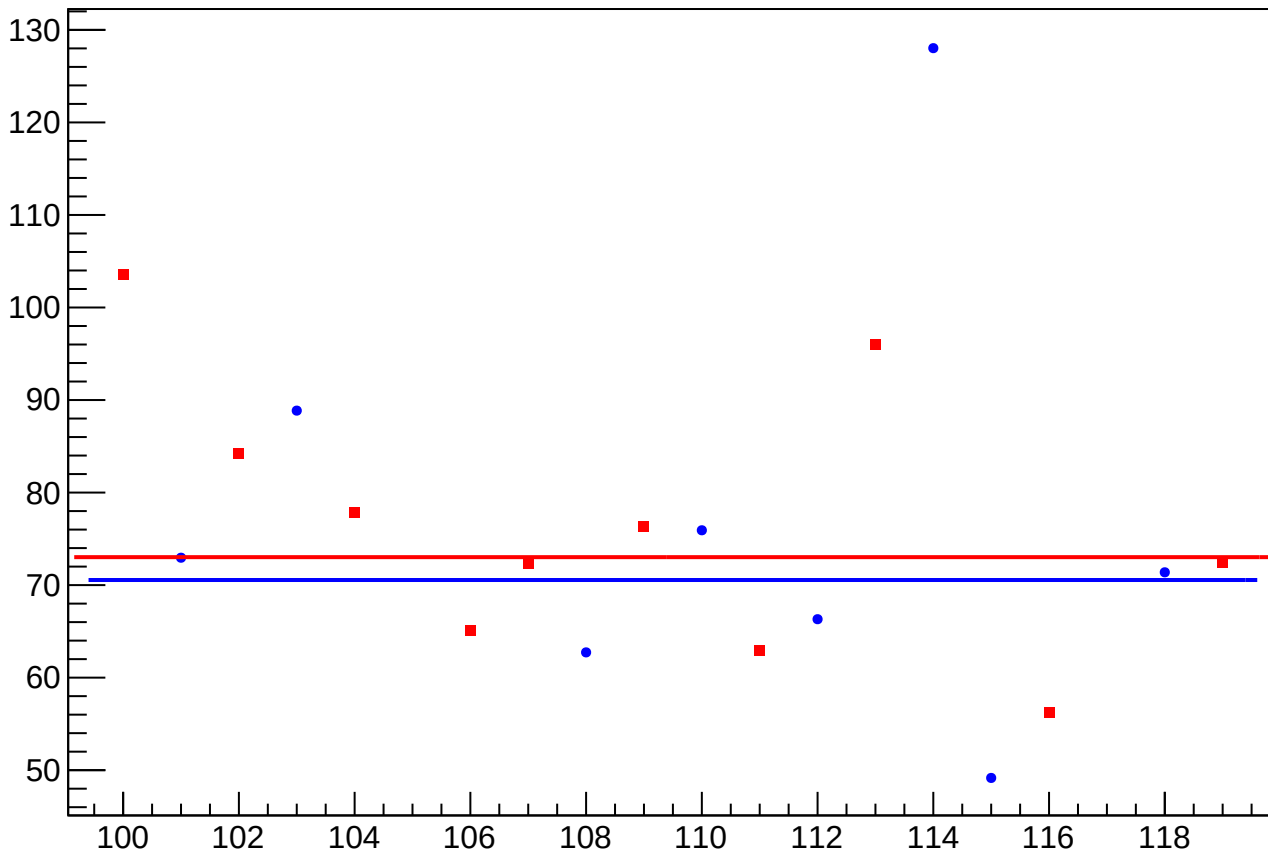
Right: -0.010+/-0.028 χ^2/NDF : 20.4/17

In: 0.016+/-0.040 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.028 χ^2/NDF : 20.4/17

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.551+/-0.029 χ^2/NDF : 167070.2/7

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

Right Out: 73.021+/-0.027 χ^2/NDF : 159252.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

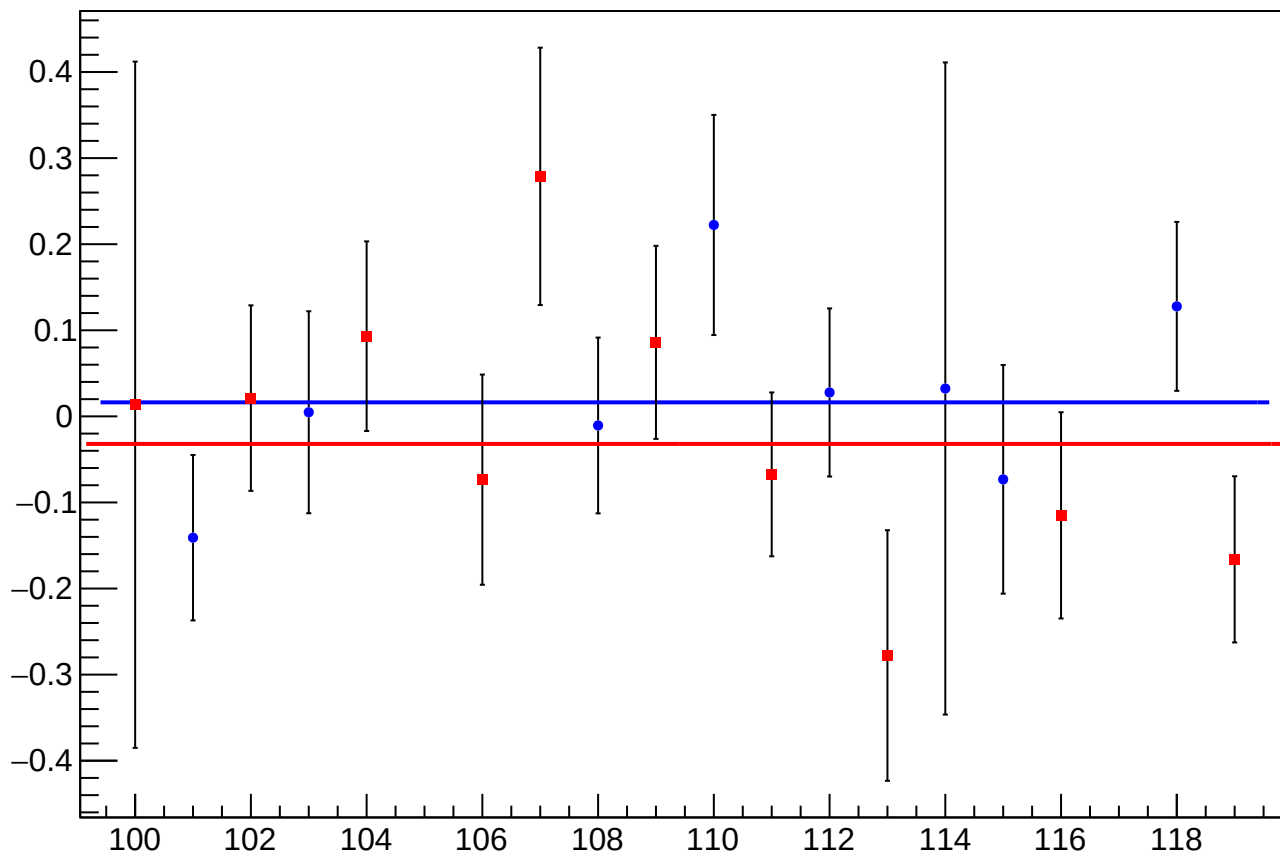
Right: 71.871+/-0.020 χ^2/NDF : 330305.1/17

In: 70.551+/-0.029 χ^2/NDF : 167070.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.871+/-0.020 χ^2/NDF : 330305.1/17

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.040 χ^2 /NDF: 7.1/7

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

Right Out: -0.032 $\pm$ 0.038 χ^2 /NDF: 12.5/9

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

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

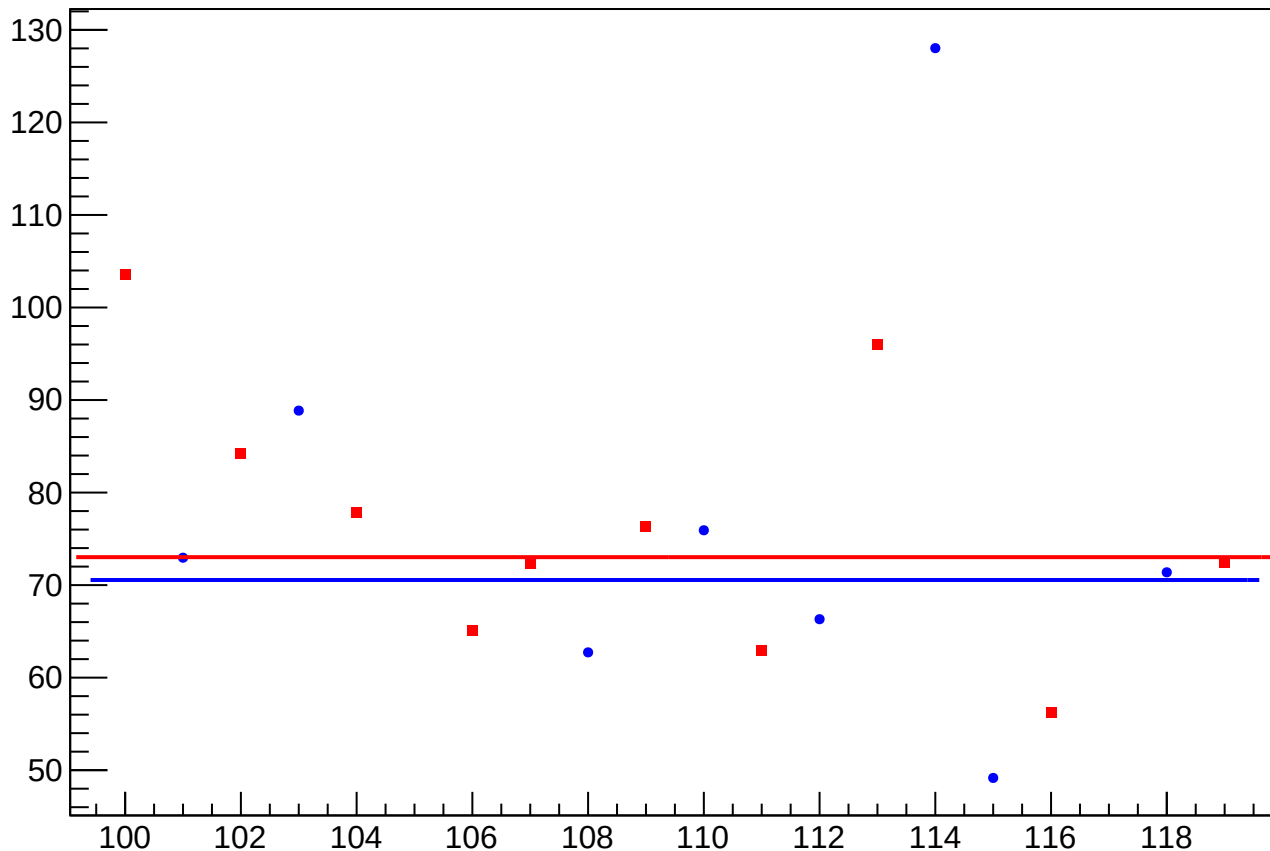
Right: -0.010 $\pm$ 0.028 χ^2 /NDF: 20.4/17

In: 0.016 $\pm$ 0.040 χ^2 /NDF:7.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.010 $\pm$ 0.028 χ^2 /NDF: 20.4/17

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 70.551+/-0.029 χ^2/NDF : 167070.2/7

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

Right Out: 73.021+/-0.027 χ^2/NDF : 159252.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

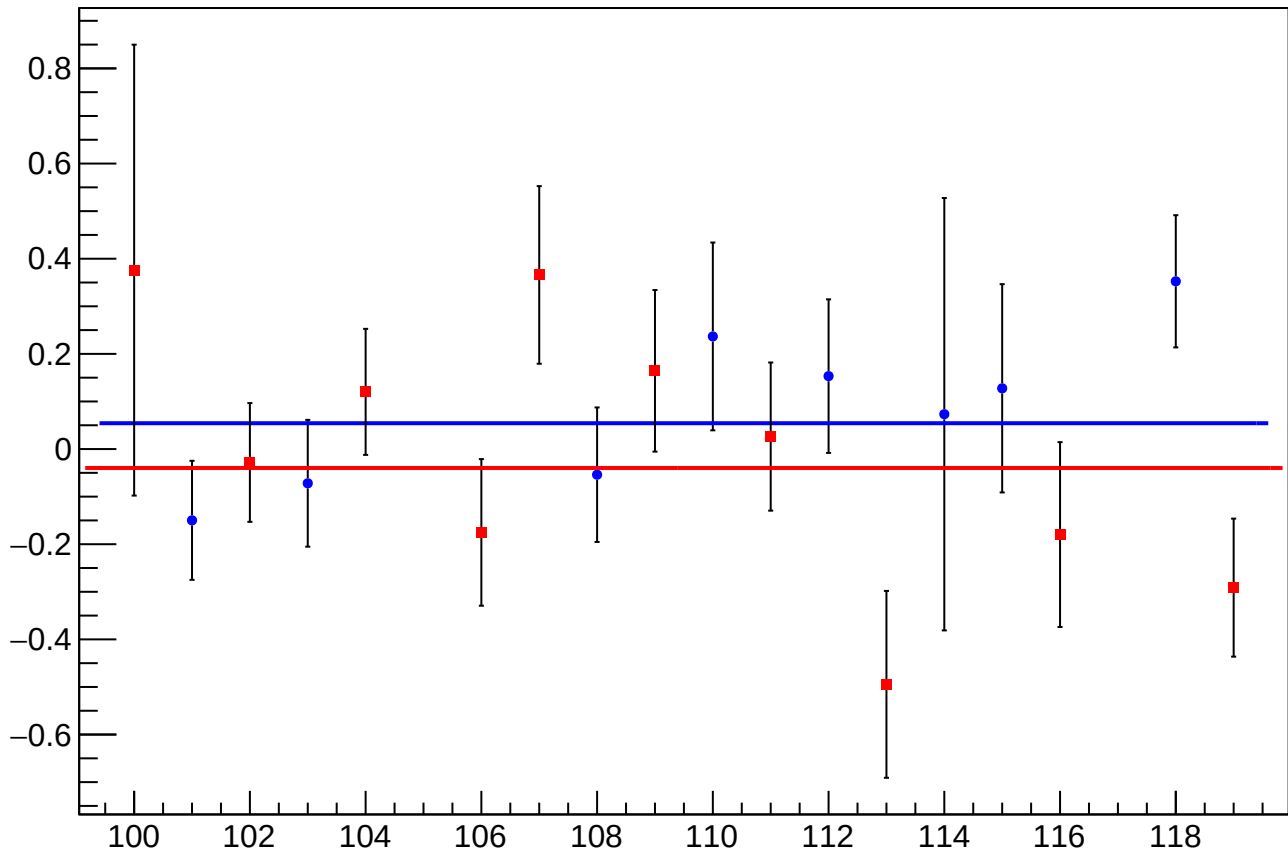
Right: 71.871+/-0.020 χ^2/NDF : 330305.1/17

In: 70.551+/-0.029 χ^2/NDF : 167070.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.871+/-0.020 χ^2/NDF : 330305.1/17

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.054+/-0.057 χ^2/NDF : 10.1/7

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

Right Out: -0.040+/-0.052 χ^2/NDF : 18.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

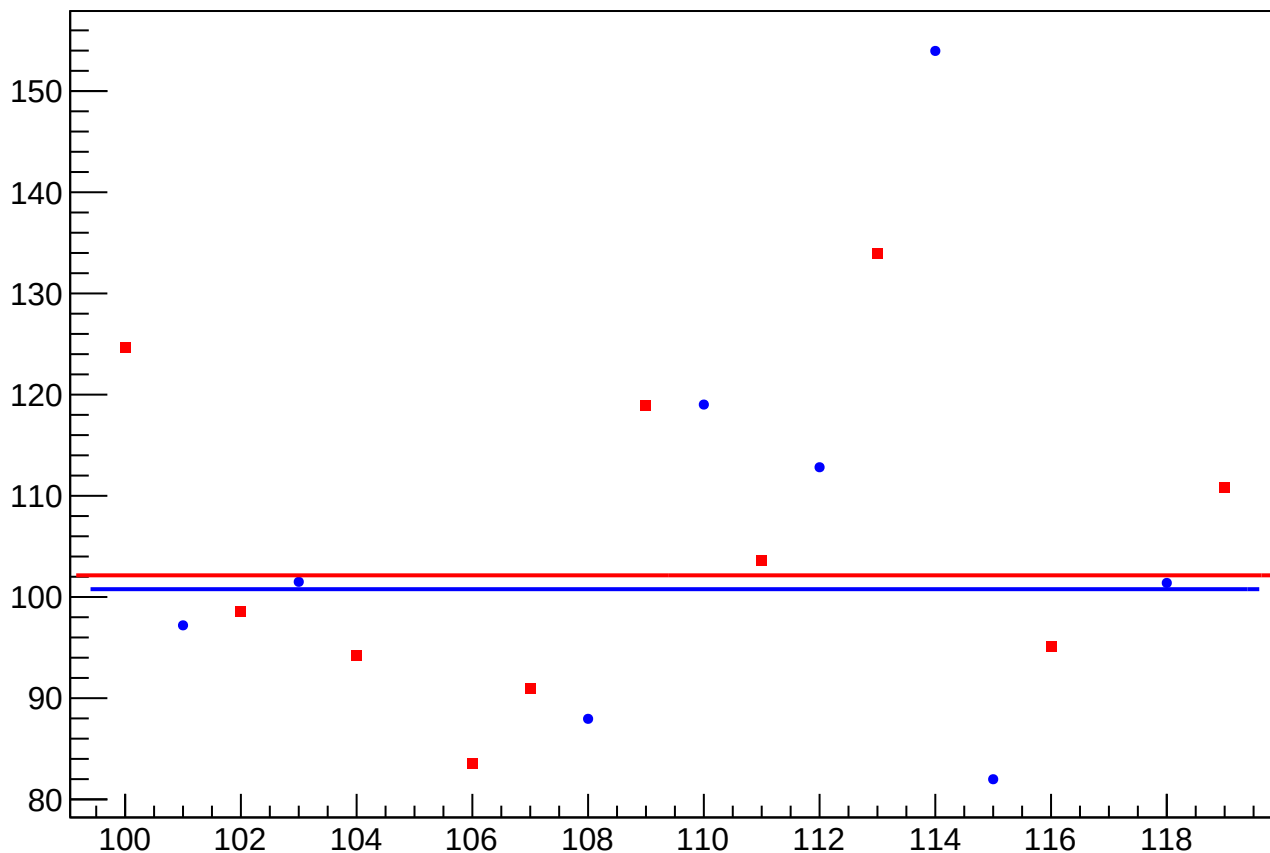
Right: 0.003+/-0.038 χ^2/NDF : 29.9/17

In: 0.054+/-0.057 χ^2/NDF :10.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.038 χ^2/NDF : 29.9/17

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 100.772 $\pm$ 0.040 χ^2 /NDF: 88562.5/7

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

Right Out: 102.141 $\pm$ 0.037 χ^2 /NDF: 131683.4/9

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

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

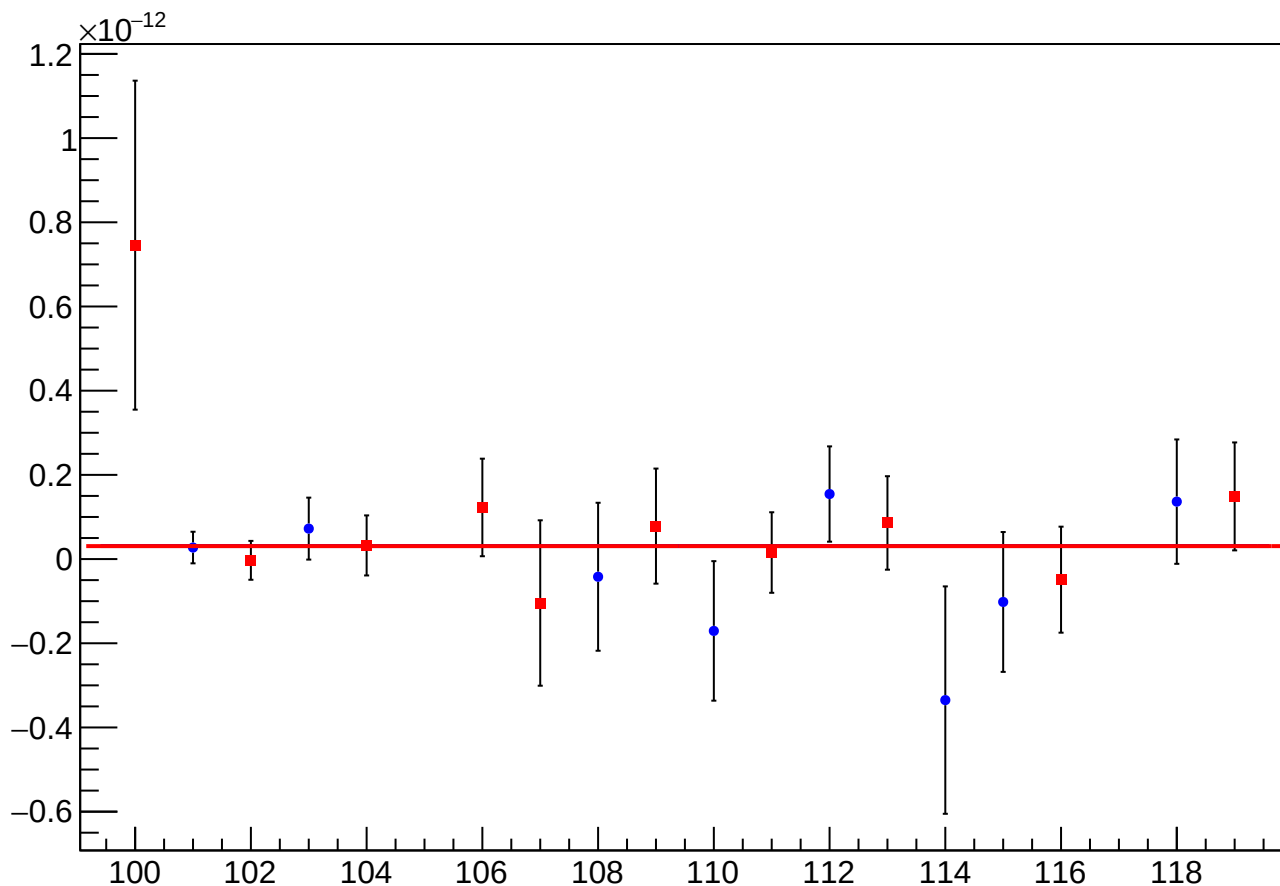
Right: 101.517 $\pm$ 0.027 χ^2 /NDF: 220881.9/17

In: 100.772 $\pm$ 0.040 χ^2 /NDF:88562.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.517 $\pm$ 0.027 χ^2 /NDF: 220881.9/17

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.2/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

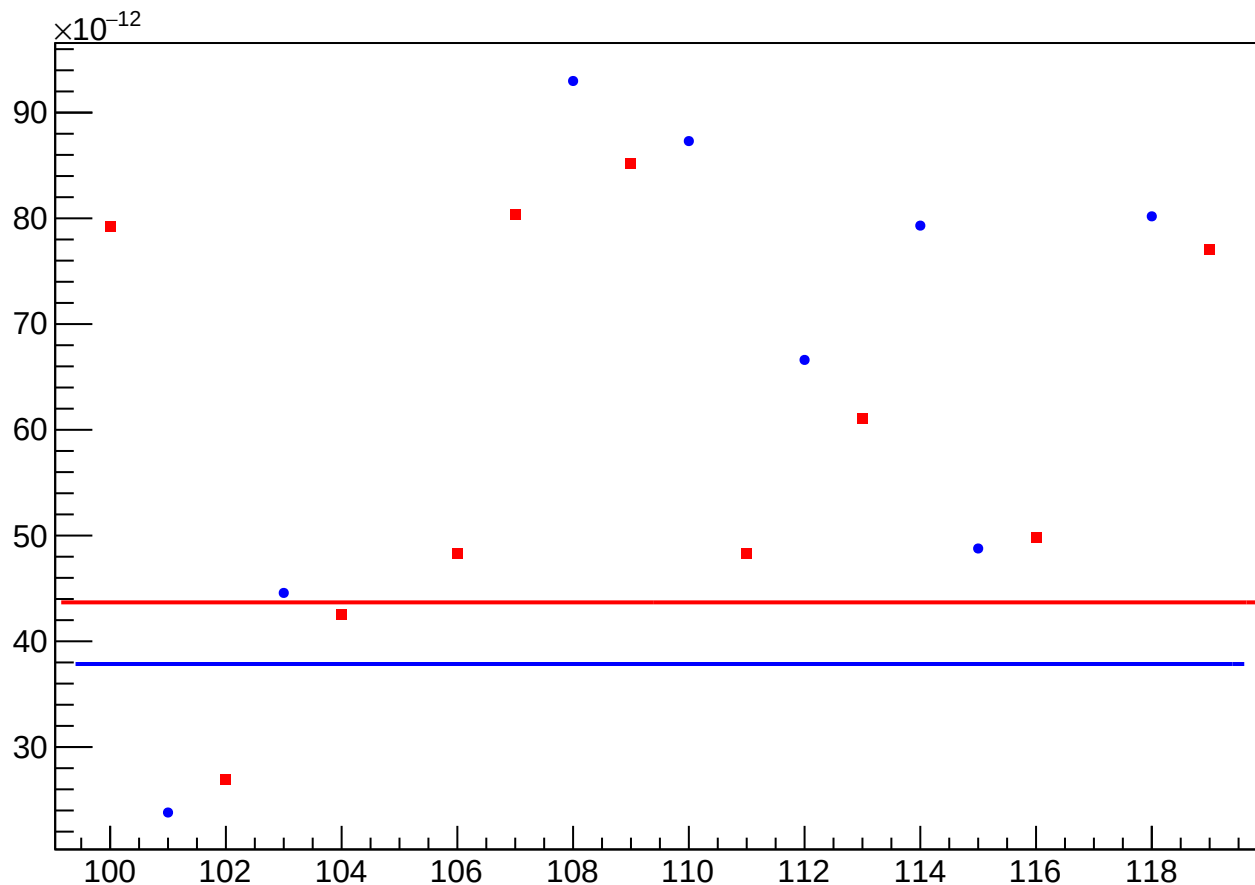
Right: 0.000+/-0.000 χ^2/NDF : 12.8/17

In: 0.000+/-0.000 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.8/17

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1020960.8/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 731188.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

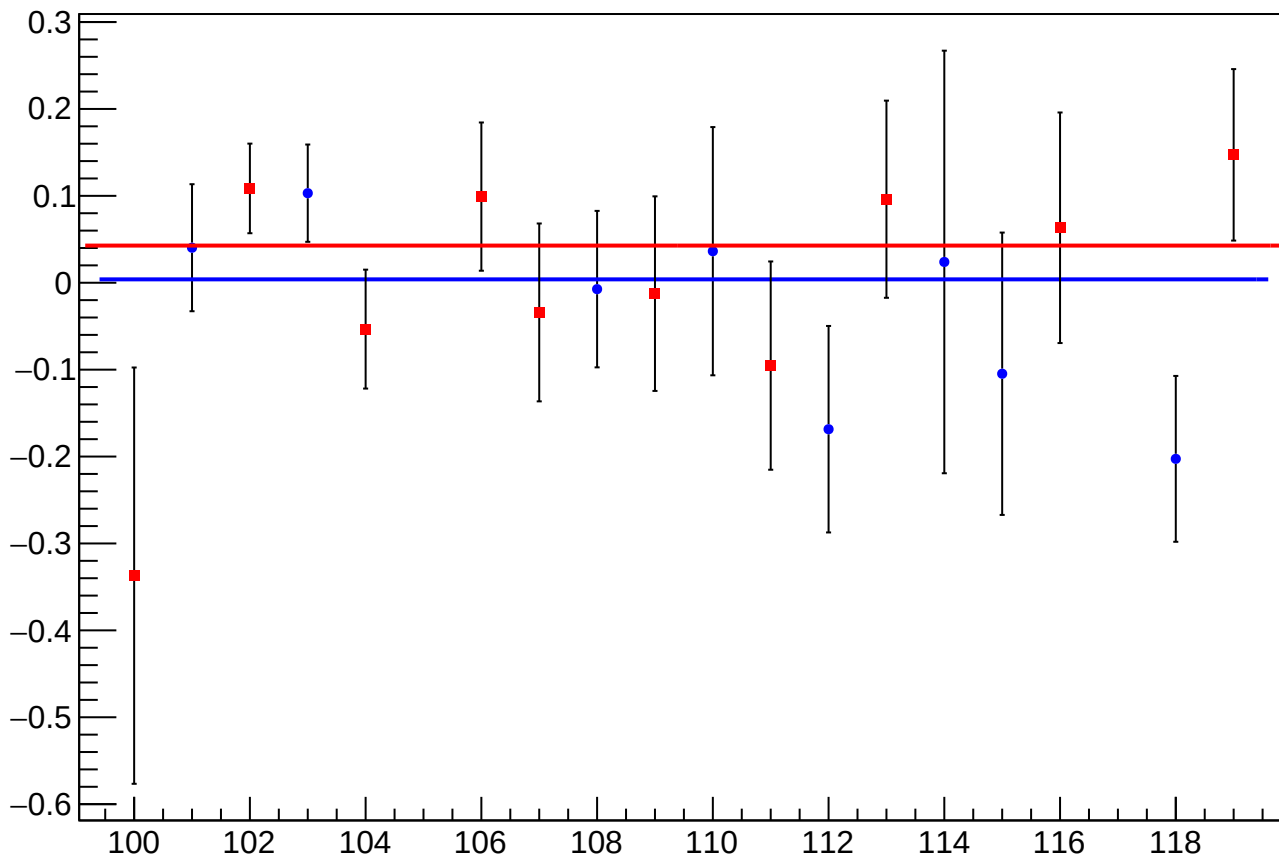
Right: 0.000+/-0.000 χ^2/NDF : 1790831.1/17

In: 0.000+/-0.000 χ^2/NDF : 1020960.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1790831.1/17

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.033 χ^2 /NDF: 10.7/7

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

Right Out: 0.043 $\pm$ 0.029 χ^2 /NDF: 10.1/9

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

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

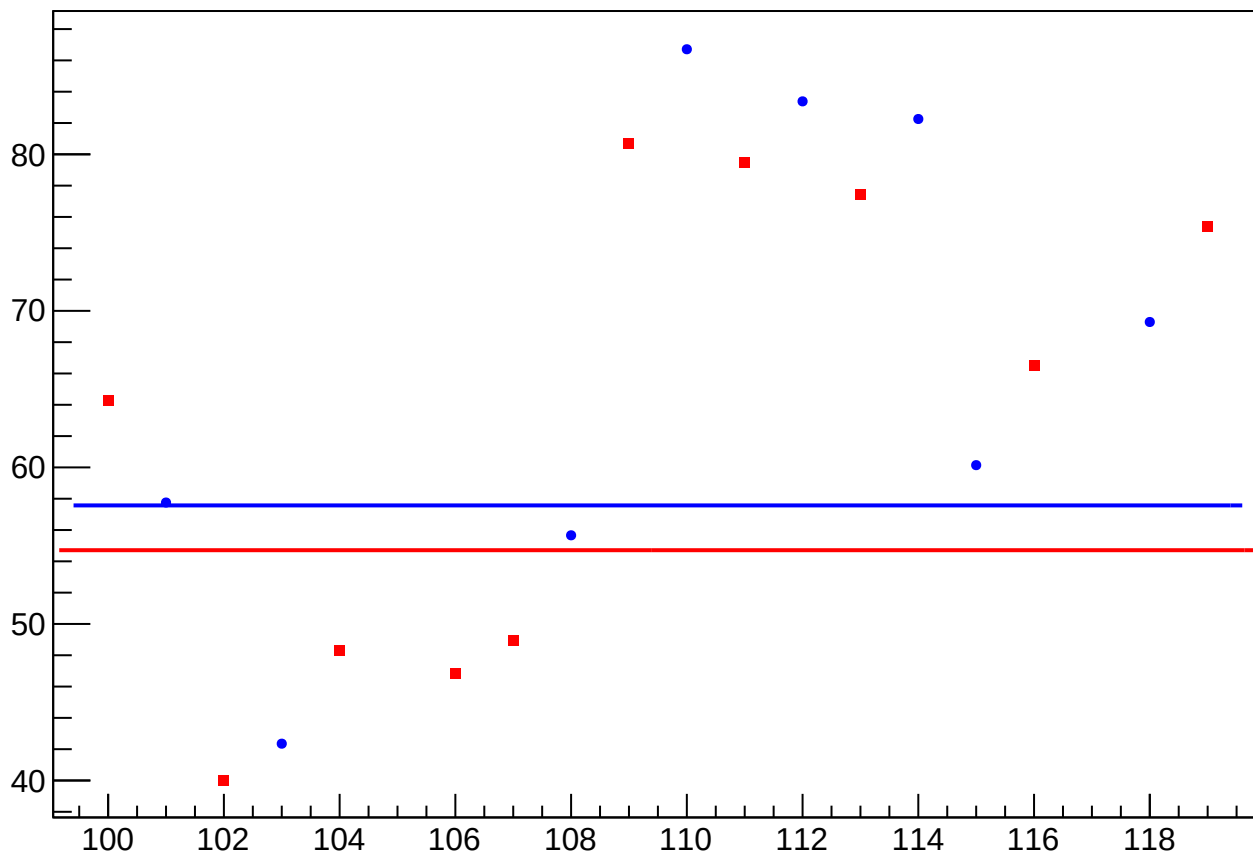
Right: 0.026 $\pm$ 0.022 χ^2 /NDF: 21.5/17

In: 0.004 $\pm$ 0.033 χ^2 /NDF:10.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.022 χ^2 /NDF: 21.5/17

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.572+/-0.023 χ^2/NDF : 377690.3/7

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

Right Out: 54.711+/-0.020 χ^2/NDF : 583679.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

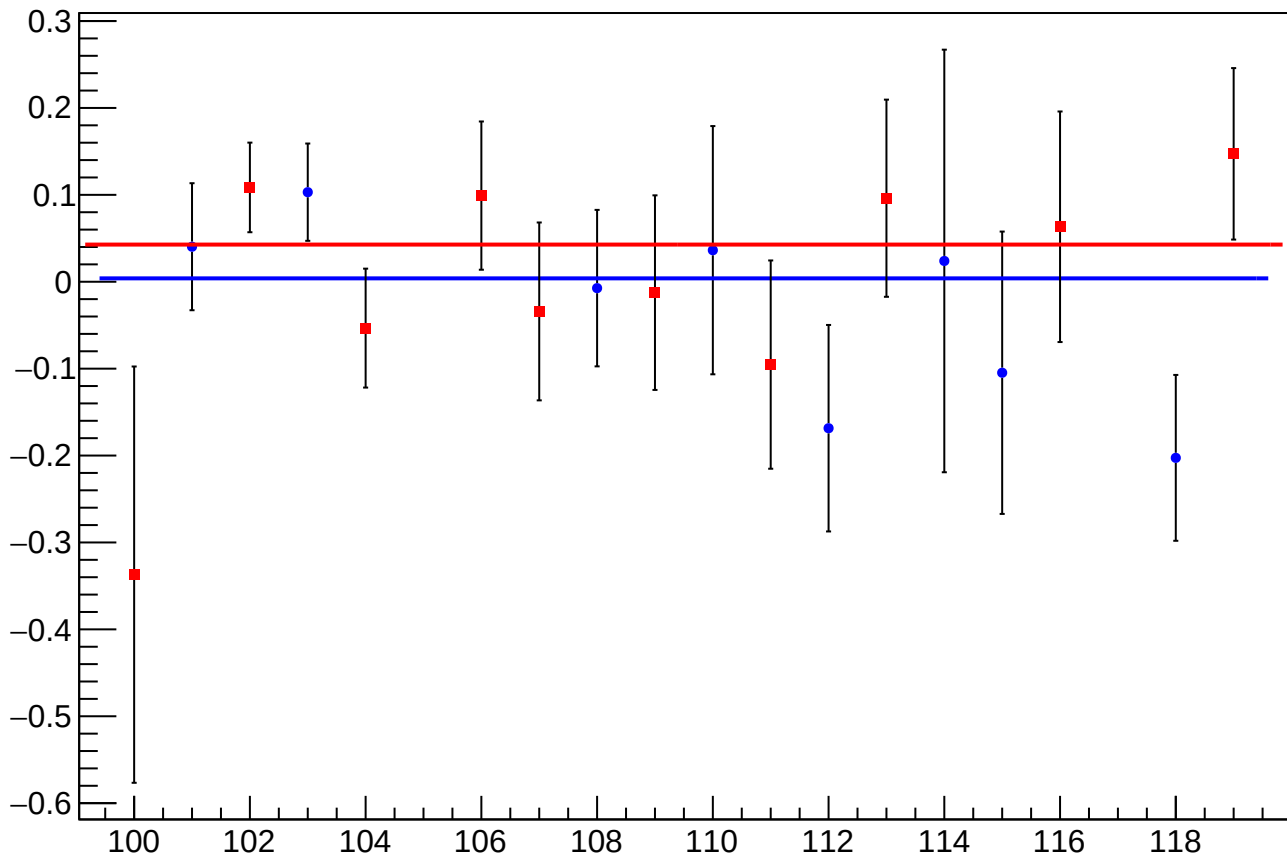
Right: 55.933+/-0.015 χ^2/NDF : 969946.4/17

In: 57.572+/-0.023 χ^2/NDF : 377690.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.933+/-0.015 χ^2/NDF : 969946.4/17

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.033 χ^2 /NDF: 10.7/7

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

Right Out: 0.043 $\pm$ 0.029 χ^2 /NDF: 10.1/9

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

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

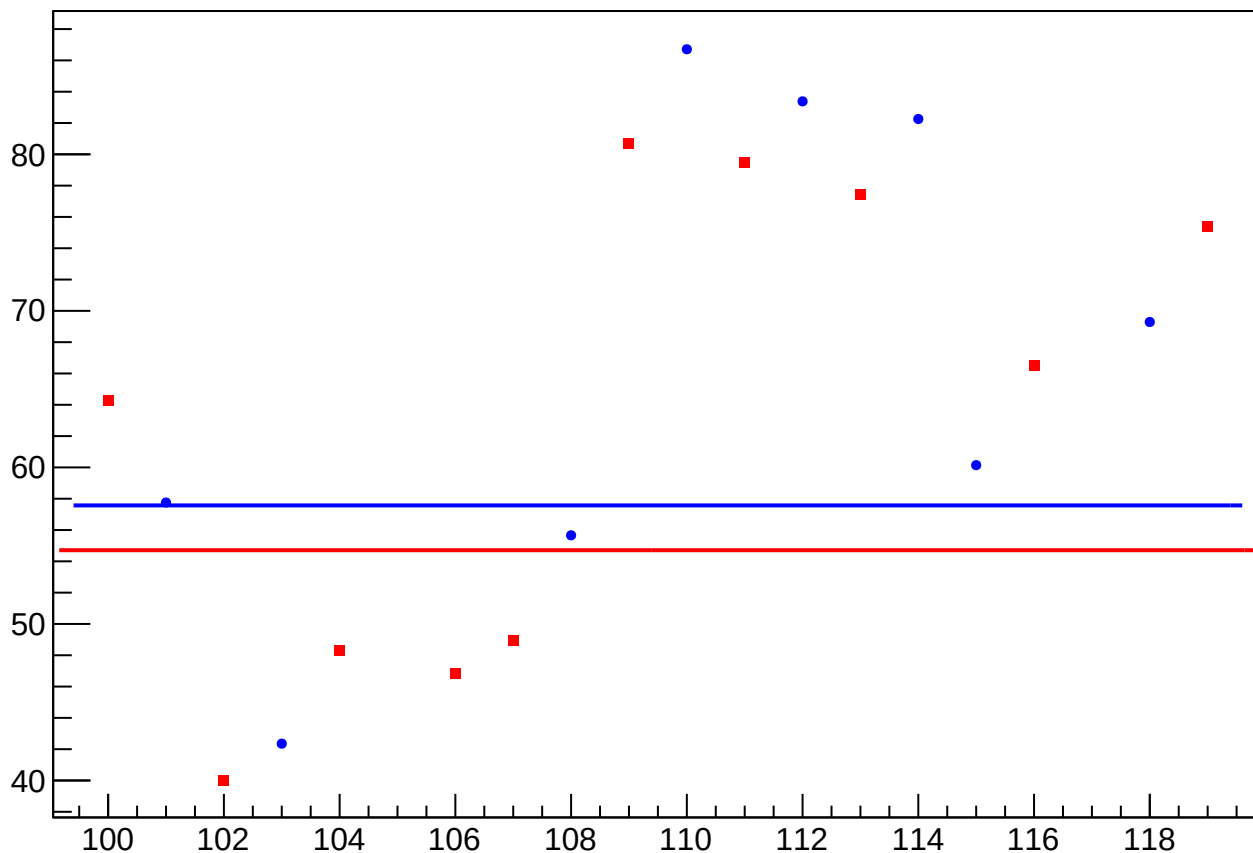
Right: 0.026 $\pm$ 0.022 χ^2 /NDF: 21.5/17

In: 0.004 $\pm$ 0.033 χ^2 /NDF:10.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.026 $\pm$ 0.022 χ^2 /NDF: 21.5/17

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 57.572+/-0.023 χ^2/NDF : 377690.3/7

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

Right Out: 54.711+/-0.020 χ^2/NDF : 583679.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

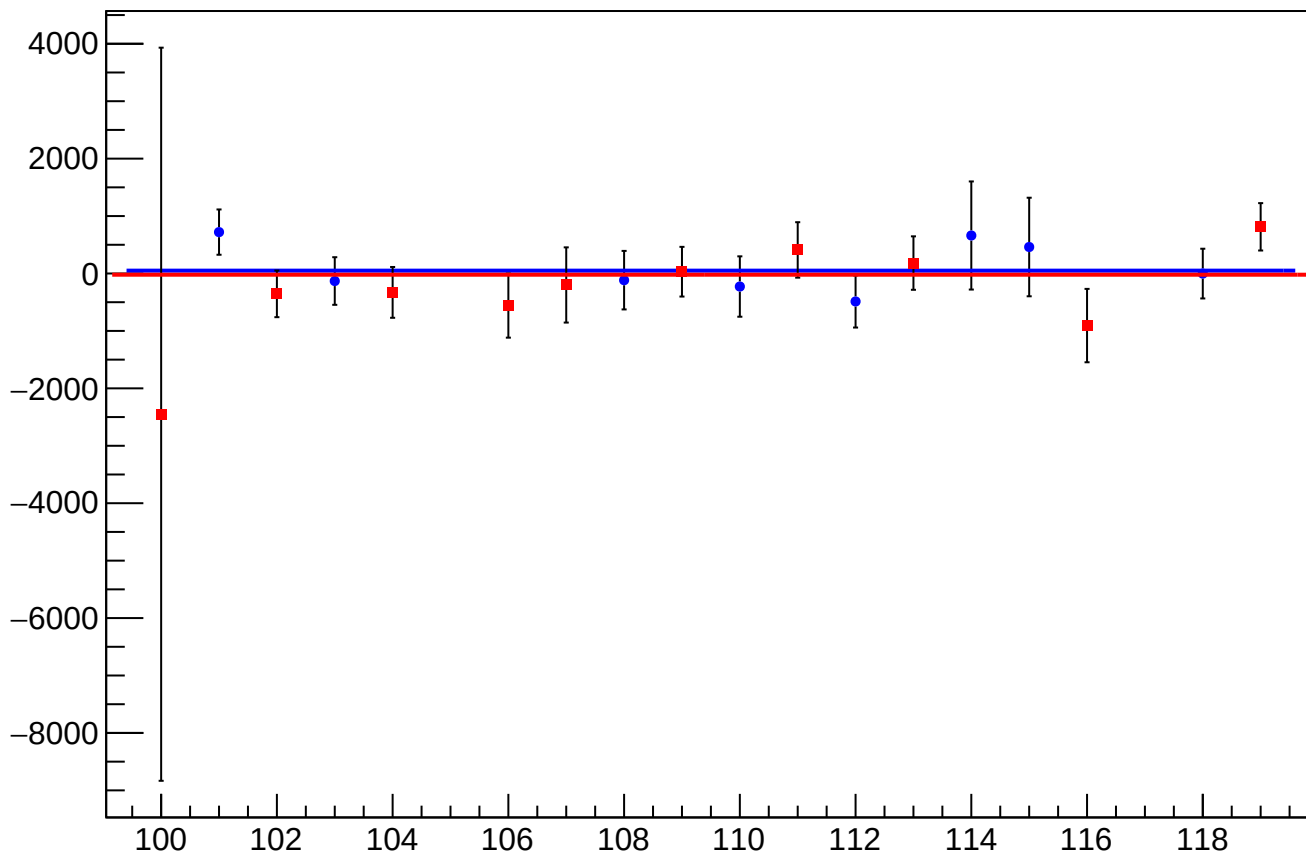
Right: 55.933+/-0.015 χ^2/NDF : 969946.4/17

In: 57.572+/-0.023 χ^2/NDF : 377690.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.933+/-0.015 χ^2/NDF : 969946.4/17

asym_dsl_mean vs Slug, Sign Corrected



Right In: 49.555+/-175.703 χ^2/NDF : 5.5/7

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

Right Out: -21.265+/-159.461 χ^2/NDF : 9.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

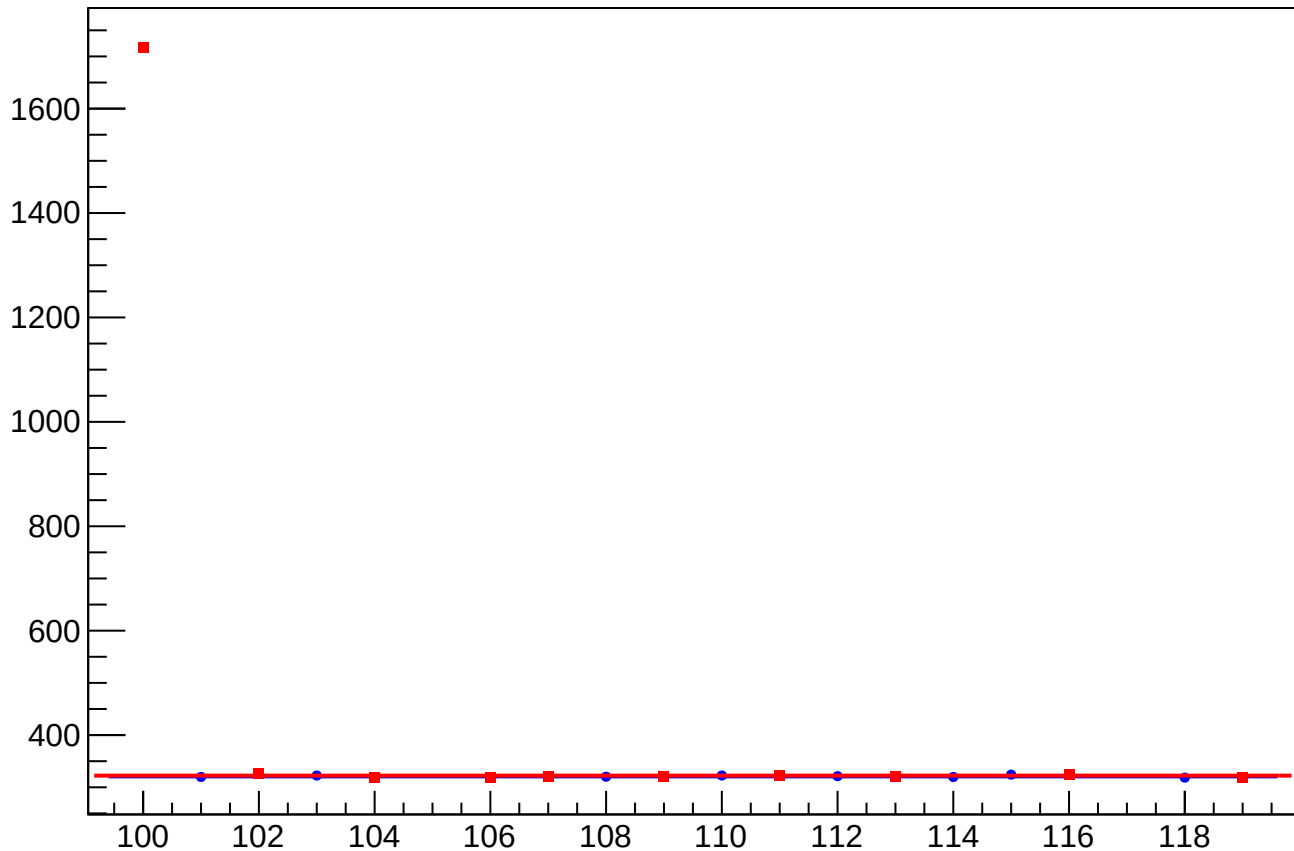
Right: 10.721+/-118.081 χ^2/NDF : 14.9/17

In: 49.555+/-175.703 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.721+/-118.081 χ^2/NDF : 14.9/17

asym_dsl_rms vs Slug, Sign Corrected



Right In: 320.855+/-0.124 χ^2/NDF : 167.0/7

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

Right Out: 322.342+/-0.113 χ^2/NDF : 96405.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

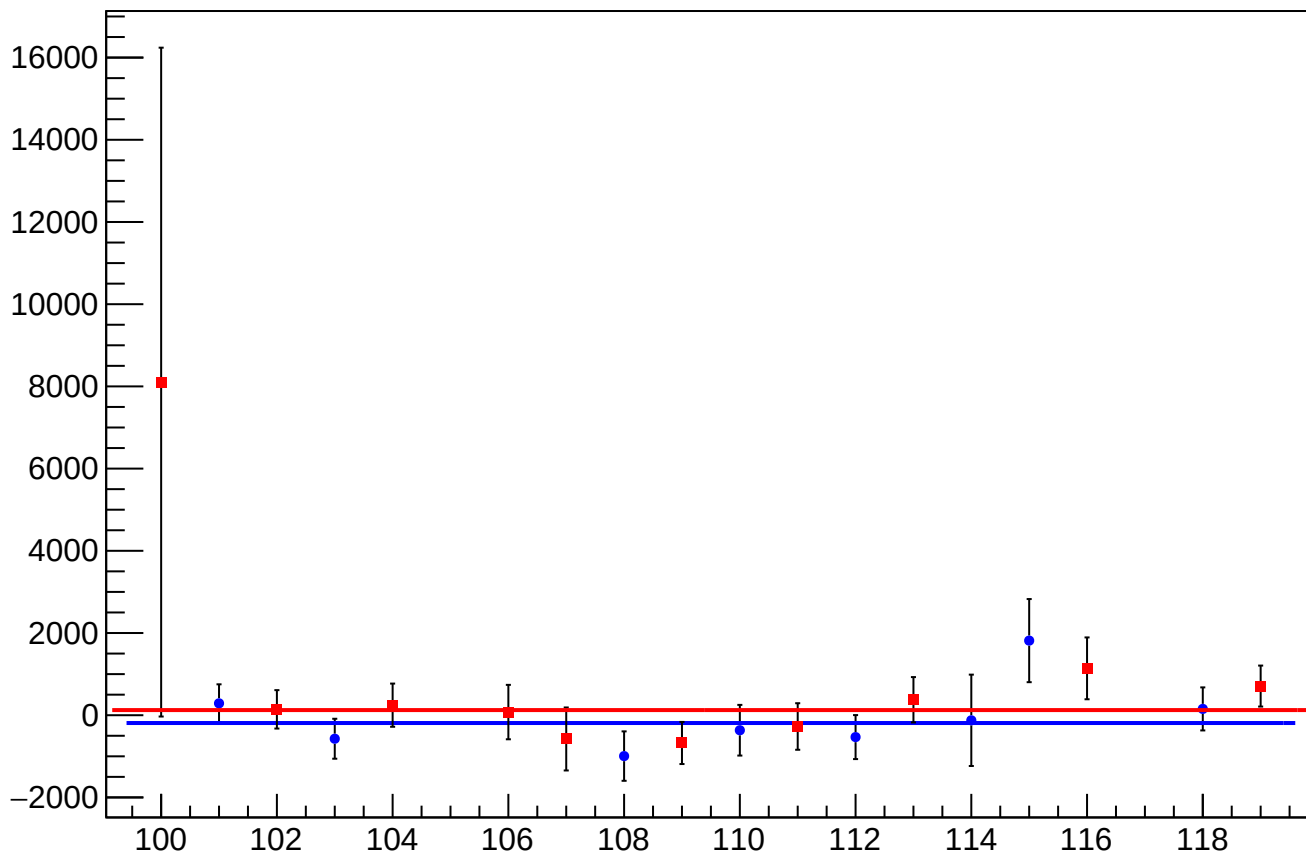
Right: 321.671+/-0.083 χ^2/NDF : 96650.6/17

In: 320.855+/-0.124 χ^2/NDF : 167.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.671+/-0.083 χ^2/NDF : 96650.6/17

asym_dsr_mean vs Slug, Sign Corrected



Left: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

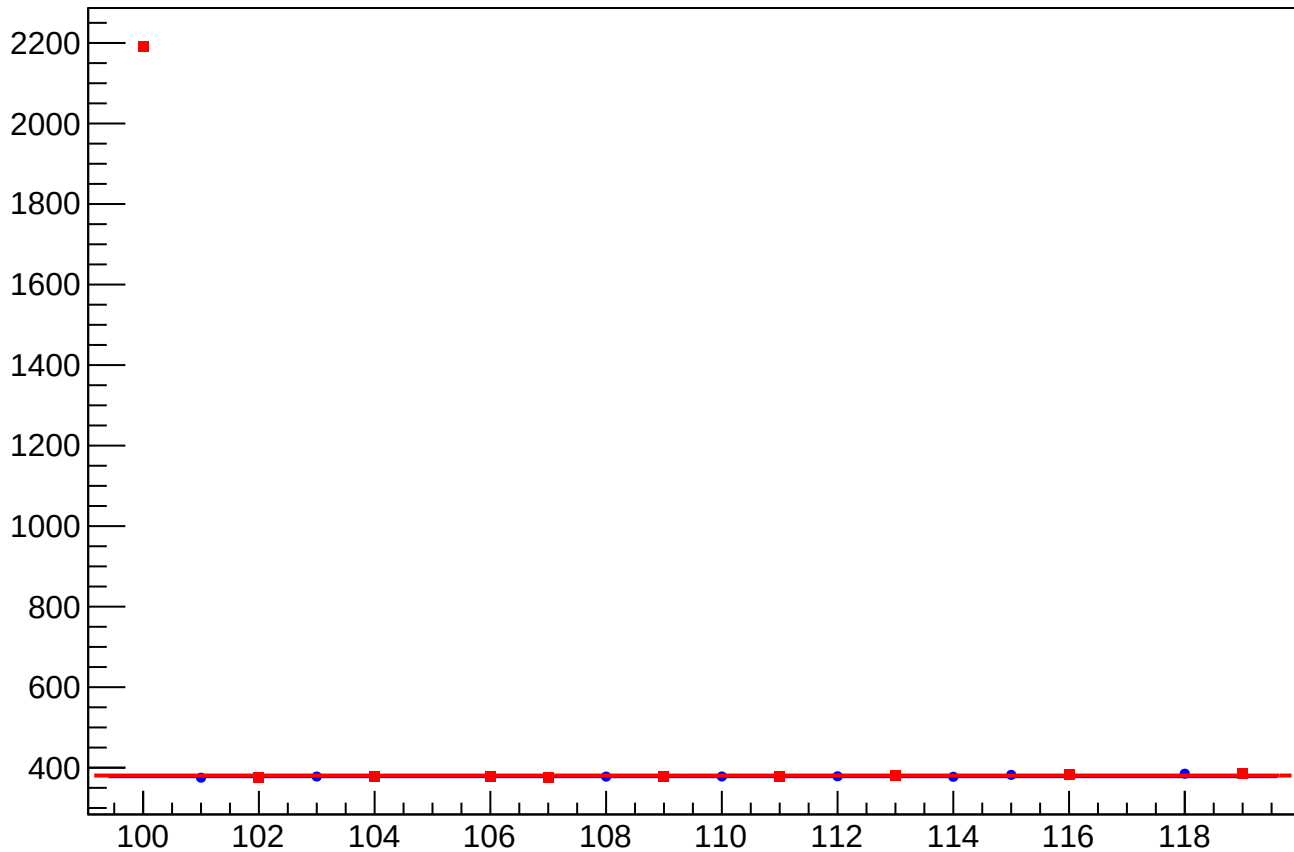
Right: -17.170 +/- 139.437 χ^2/NDF : 17.8/17

In: -189.801 +/- 207.488 χ^2/NDF : 8.3/7

Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -17.170 +/- 139.437 χ^2/NDF : 17.8/17

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.866+/-0.147 χ^2/NDF : 450.4/7

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

Right Out: 380.543+/-0.133 χ^2/NDF : 99383.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

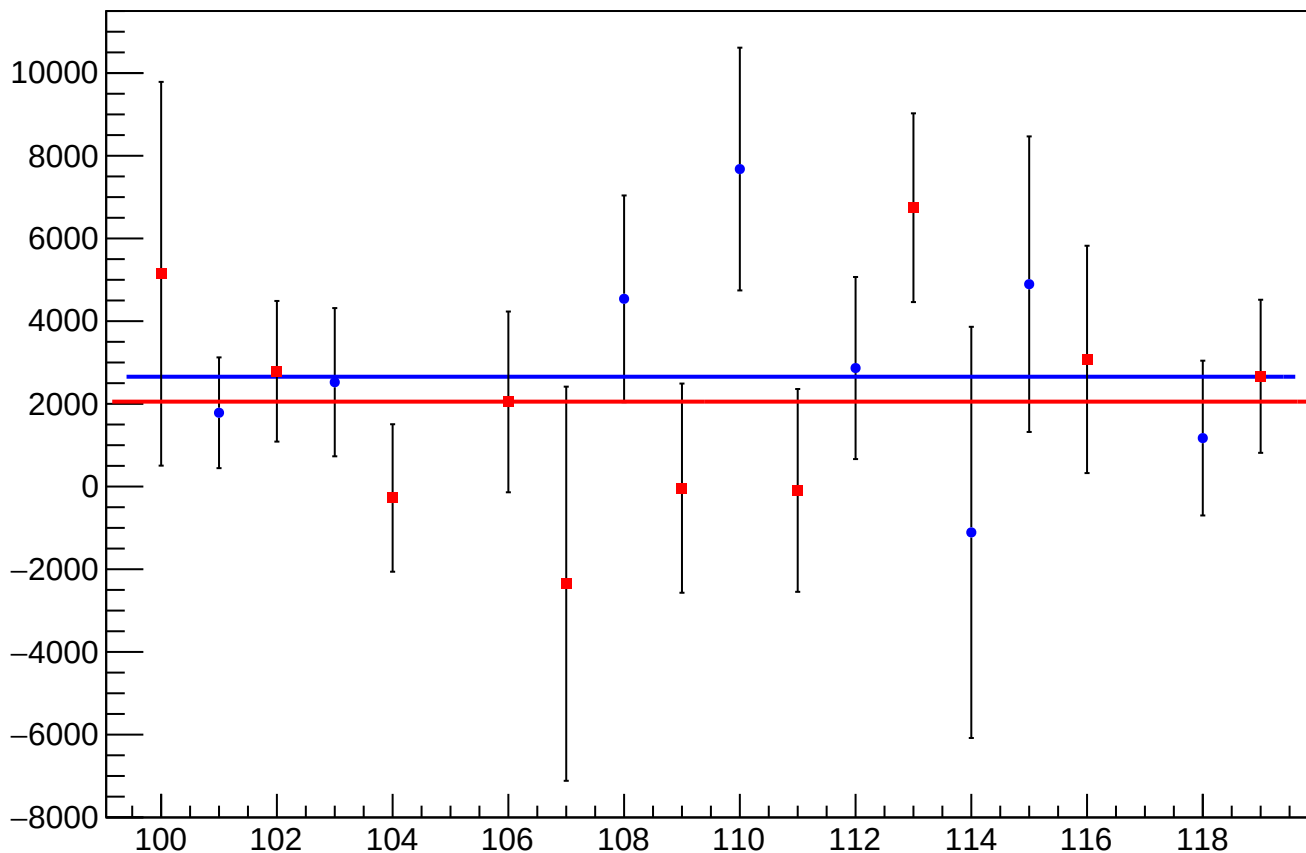
Right: 379.786+/-0.099 χ^2/NDF : 99905.9/17

In: 378.866+/-0.147 χ^2/NDF : 450.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.786+/-0.099 χ^2/NDF : 99905.9/17

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2655.939+/-754.800 χ^2/NDF : 5.5/7

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

Right Out: 2053.457+/-725.822 χ^2/NDF : 9.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

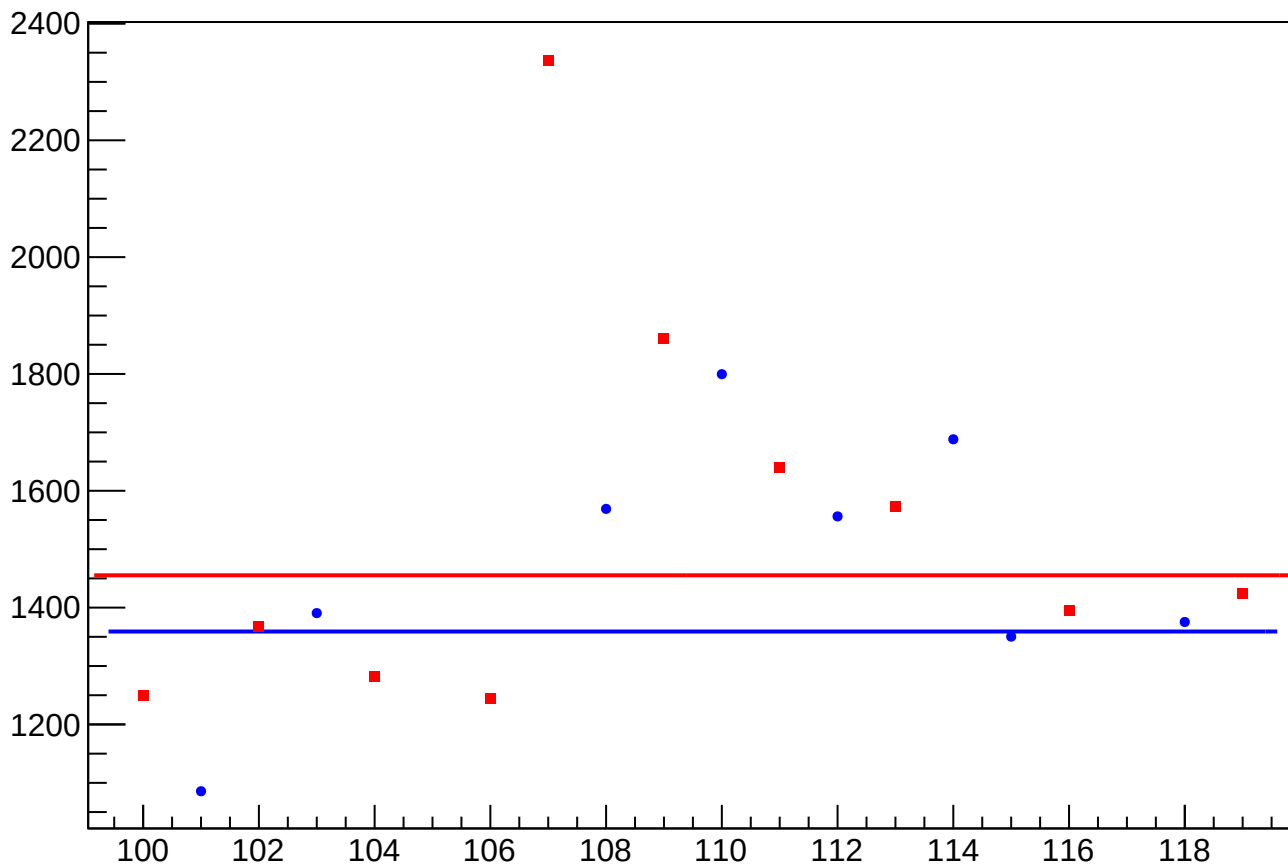
Right: 2342.911+/-523.178 χ^2/NDF : 15.0/17

In: 2655.939+/-754.800 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2342.911+/-523.178 χ^2/NDF : 15.0/17

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1359.075+/-0.534 χ^2/NDF : 168087.3/7

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

Right Out: 1455.317+/-0.513 χ^2/NDF : 184501.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

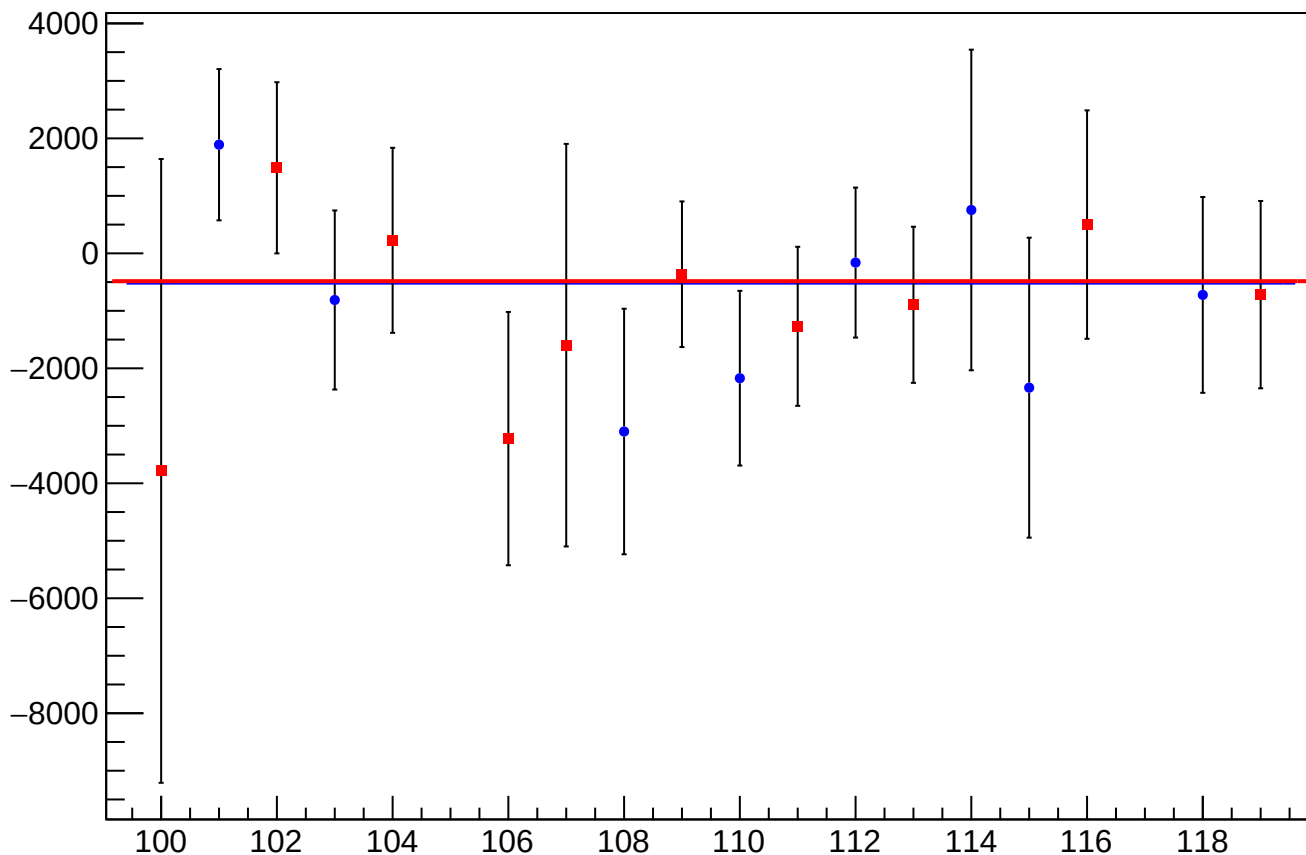
Right: 1409.079+/-0.370 χ^2/NDF : 369482.4/17

In: 1359.075+/-0.534 χ^2/NDF : 168087.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1409.079+/-0.370 χ^2/NDF : 369482.4/17

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -509.690+/-592.327 χ^2/NDF : 6.8/7

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

Right Out: -484.032+/-536.300 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

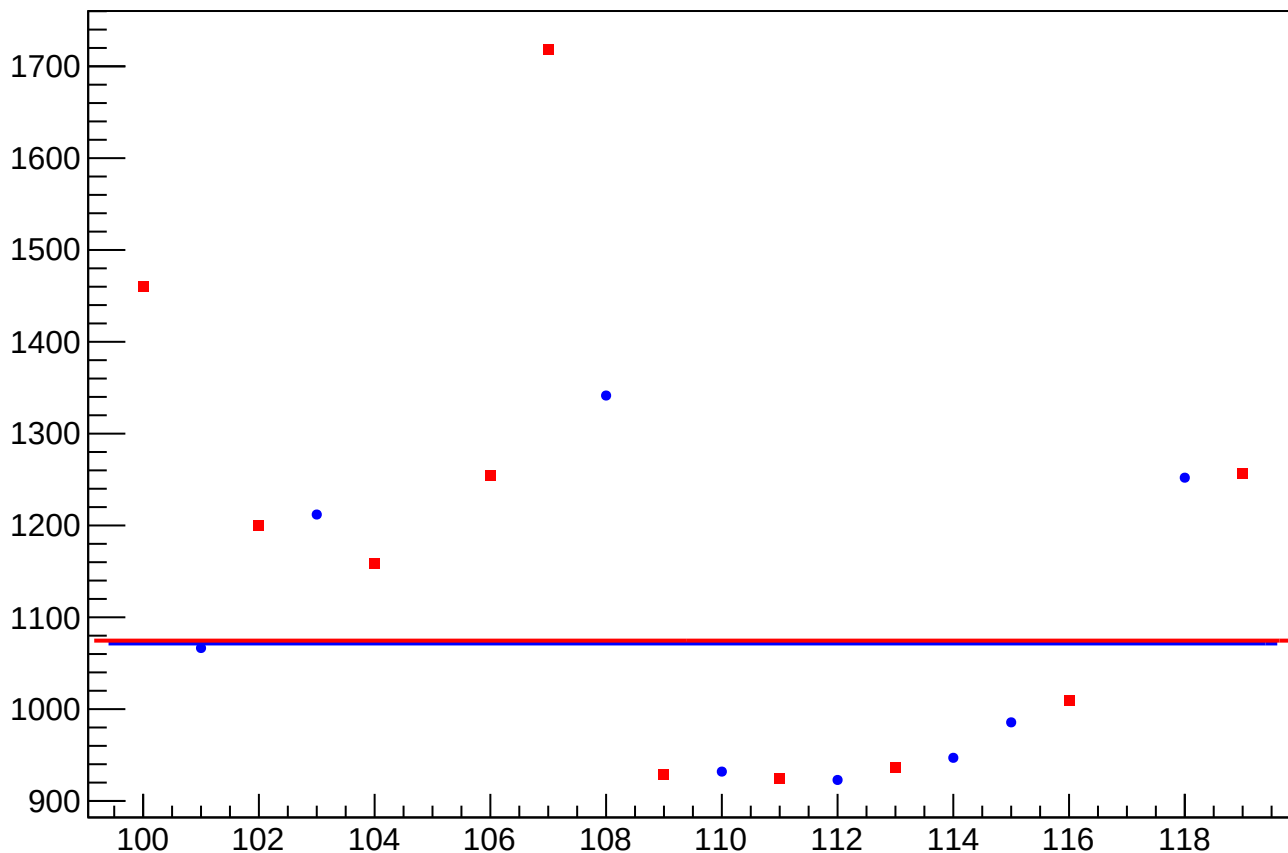
Right: -495.591+/-397.557 χ^2/NDF : 11.5/17

In: -509.690+/-592.327 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.591+/-397.557 χ^2/NDF : 11.5/17

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1071.517+/-0.419 χ^2/NDF : 119709.5/7

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

Right Out: 1074.596+/-0.379 χ^2/NDF : 208151.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

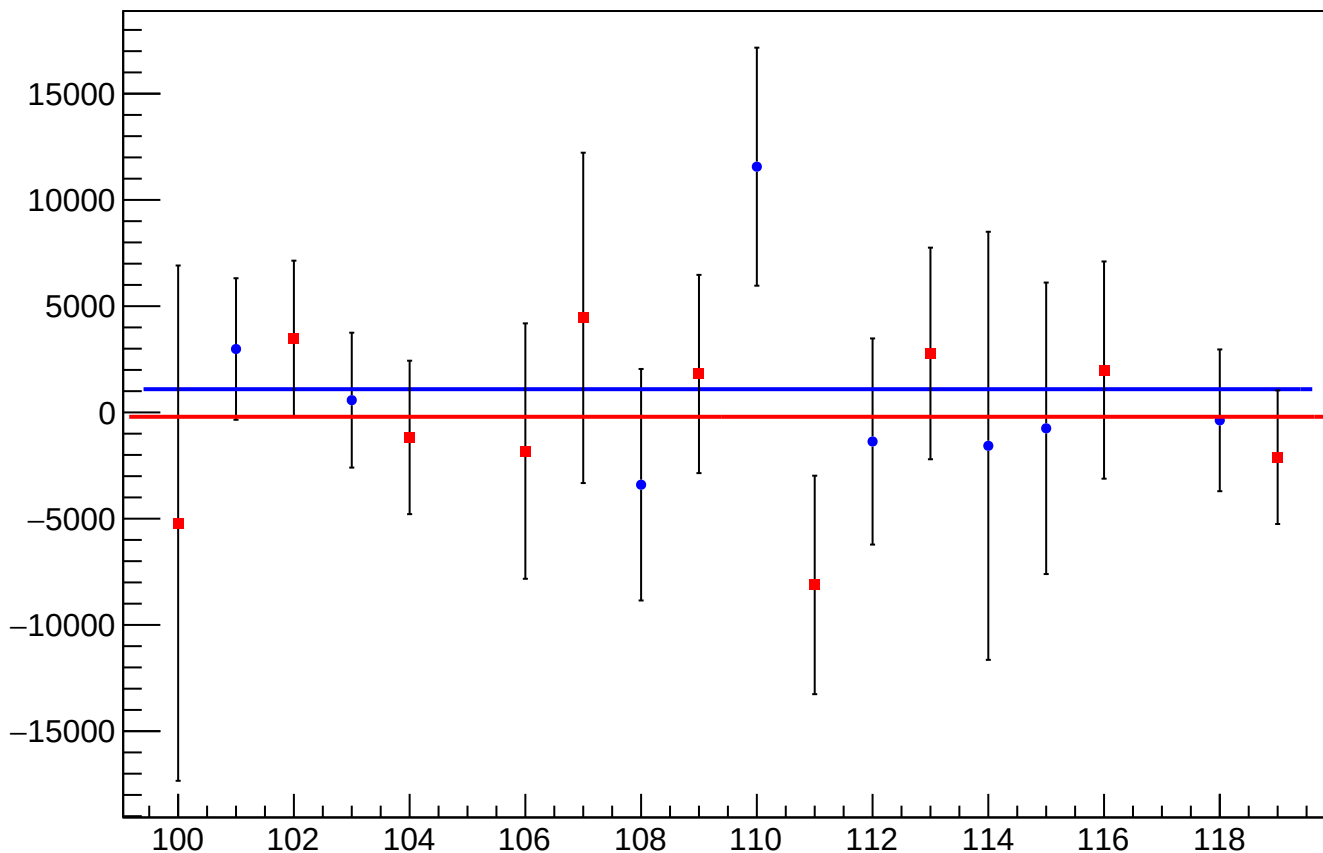
Right: 1073.209+/-0.281 χ^2/NDF : 327890.9/17

In: 1071.517+/-0.419 χ^2/NDF : 119709.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1073.209+/-0.281 χ^2/NDF : 327890.9/17

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1093.063+/-1545.823 χ^2/NDF : 5.1/7

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

Right Out: -204.933+/-1466.131 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

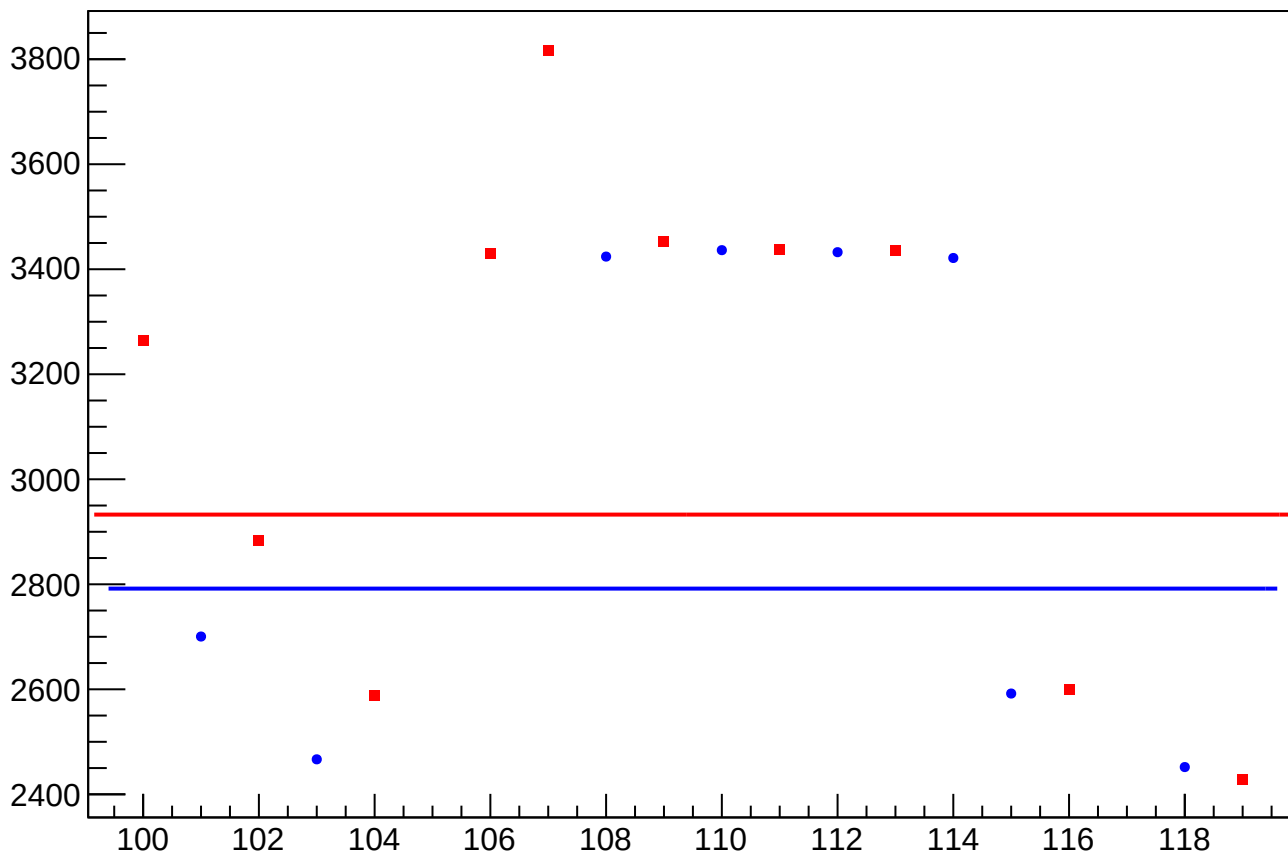
Right: 409.746+/-1063.769 χ^2/NDF : 10.6/17

In: 1093.063+/-1545.823 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 409.746+/-1063.769 χ^2/NDF : 10.6/17

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2791.786+/-1.093 χ^2/NDF : 141096.9/7

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

Right Out: 2932.729+/-1.037 χ^2/NDF : 184314.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

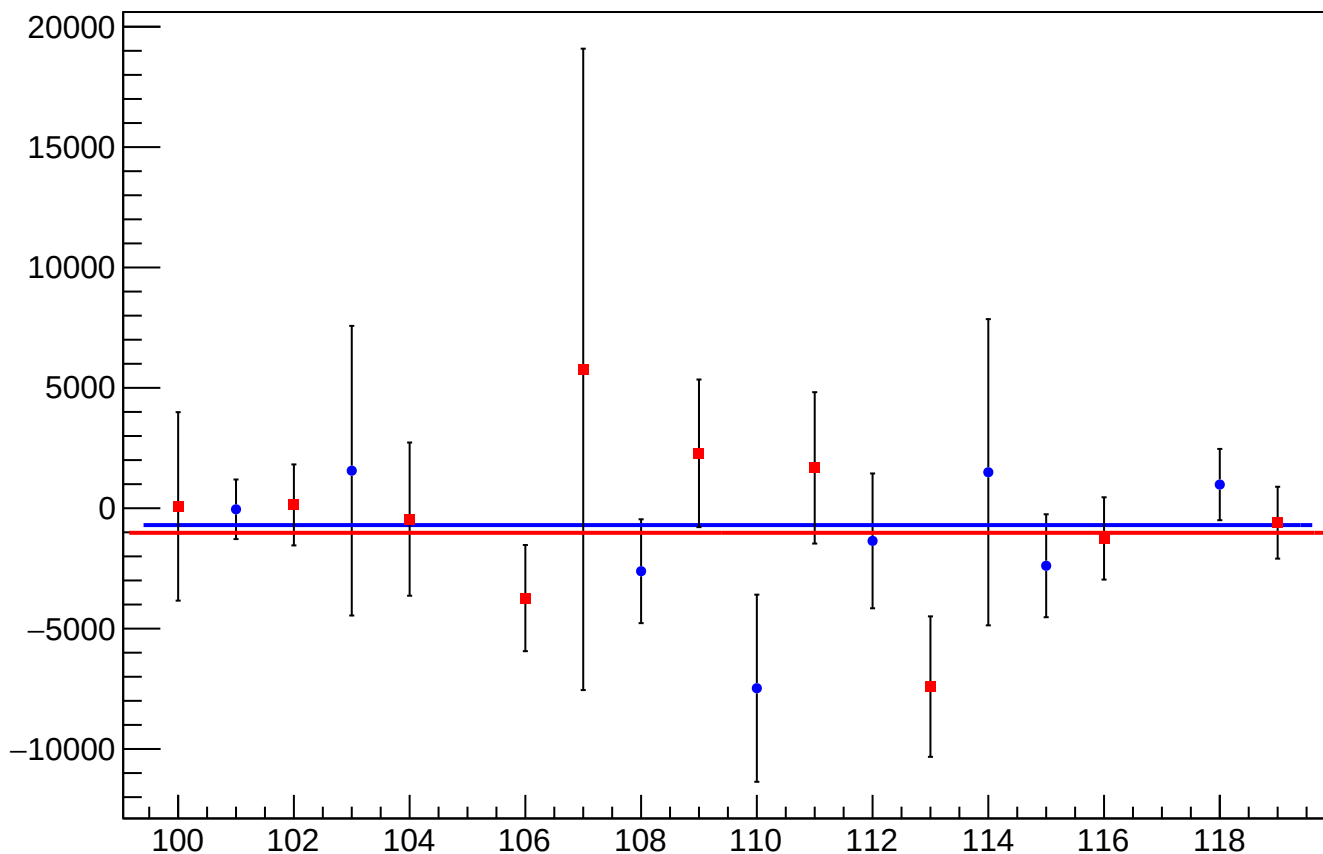
Right: 2865.984+/-0.752 χ^2/NDF : 334164.6/17

In: 2791.786+/-1.093 χ^2/NDF : 141096.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2865.984+/-0.752 χ^2/NDF : 334164.6/17

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -699.910+/-747.679 χ^2/NDF : 6.3/7

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

Right Out: -1020.748+/-736.221 χ^2/NDF : 9.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

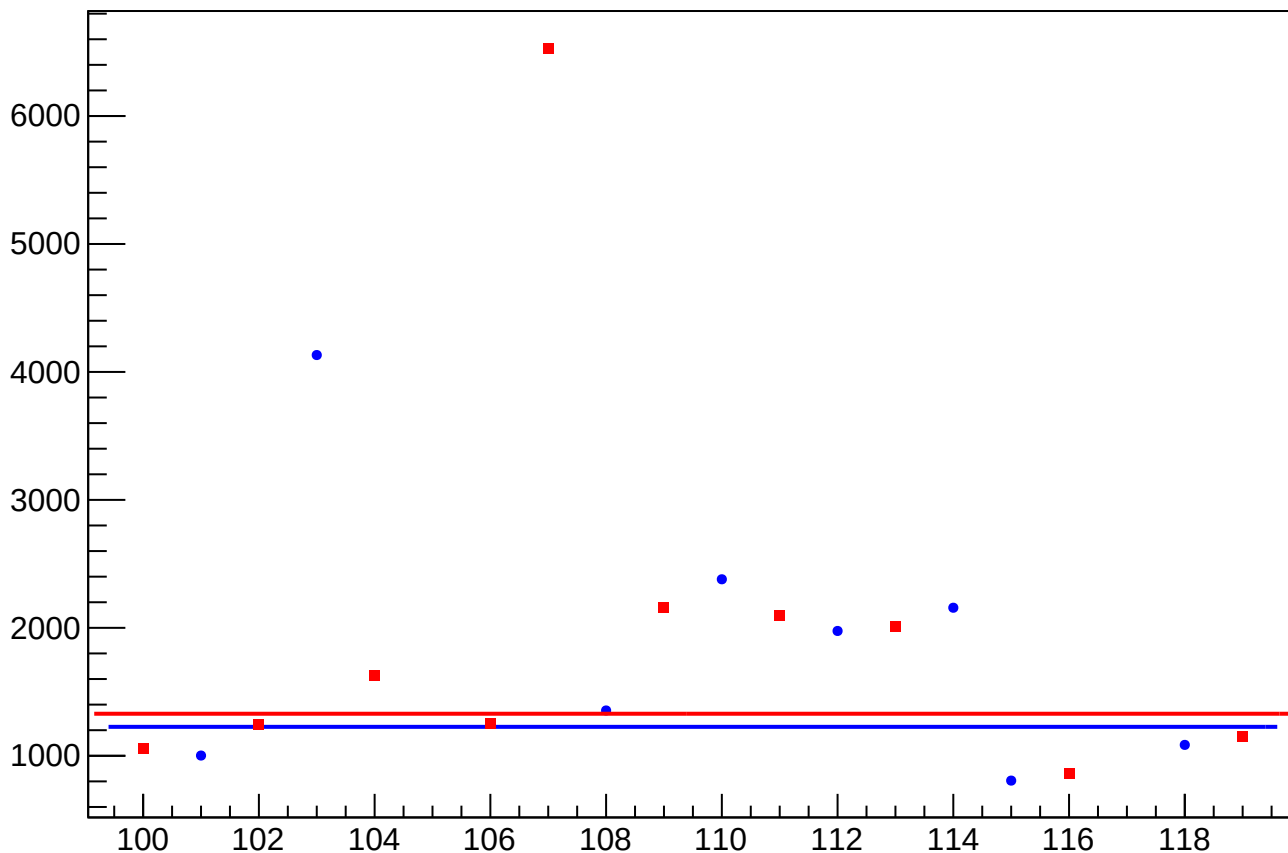
Right: -862.806+/-524.591 χ^2/NDF : 15.6/17

In: -699.910+/-747.679 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -862.806+/-524.591 χ^2/NDF : 15.6/17

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1226.270+/-0.529 χ^2/NDF : 997054.9/7

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

Right Out: 1328.672+/-0.521 χ^2/NDF : 894186.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

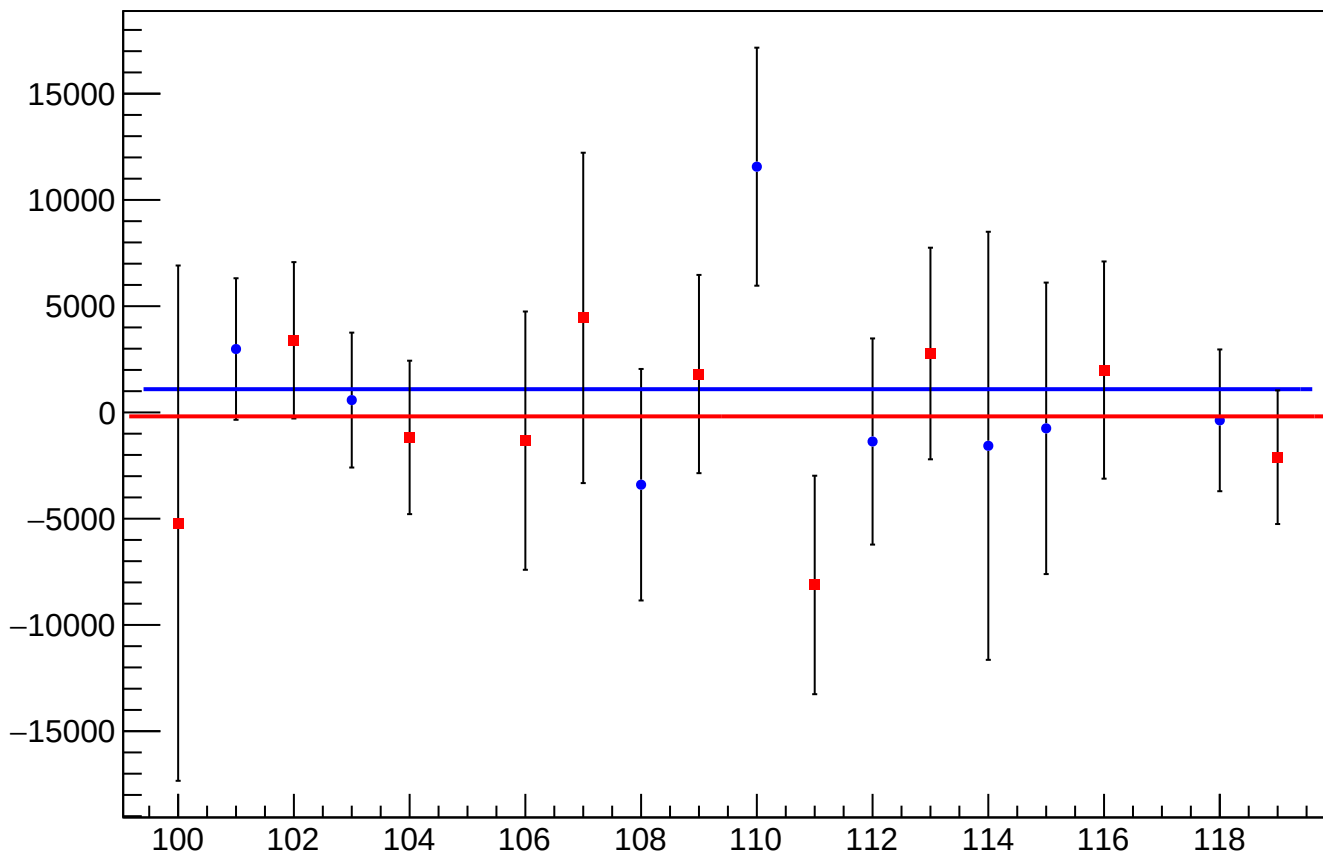
Right: 1278.262+/-0.371 χ^2/NDF : 1910289.2/17

In: 1226.270+/-0.529 χ^2/NDF : 997054.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.262+/-0.371 χ^2/NDF : 1910289.2/17

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1094.063+/-1545.823 χ^2/NDF : 5.1/7

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

Right Out: -185.521+/-1467.122 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

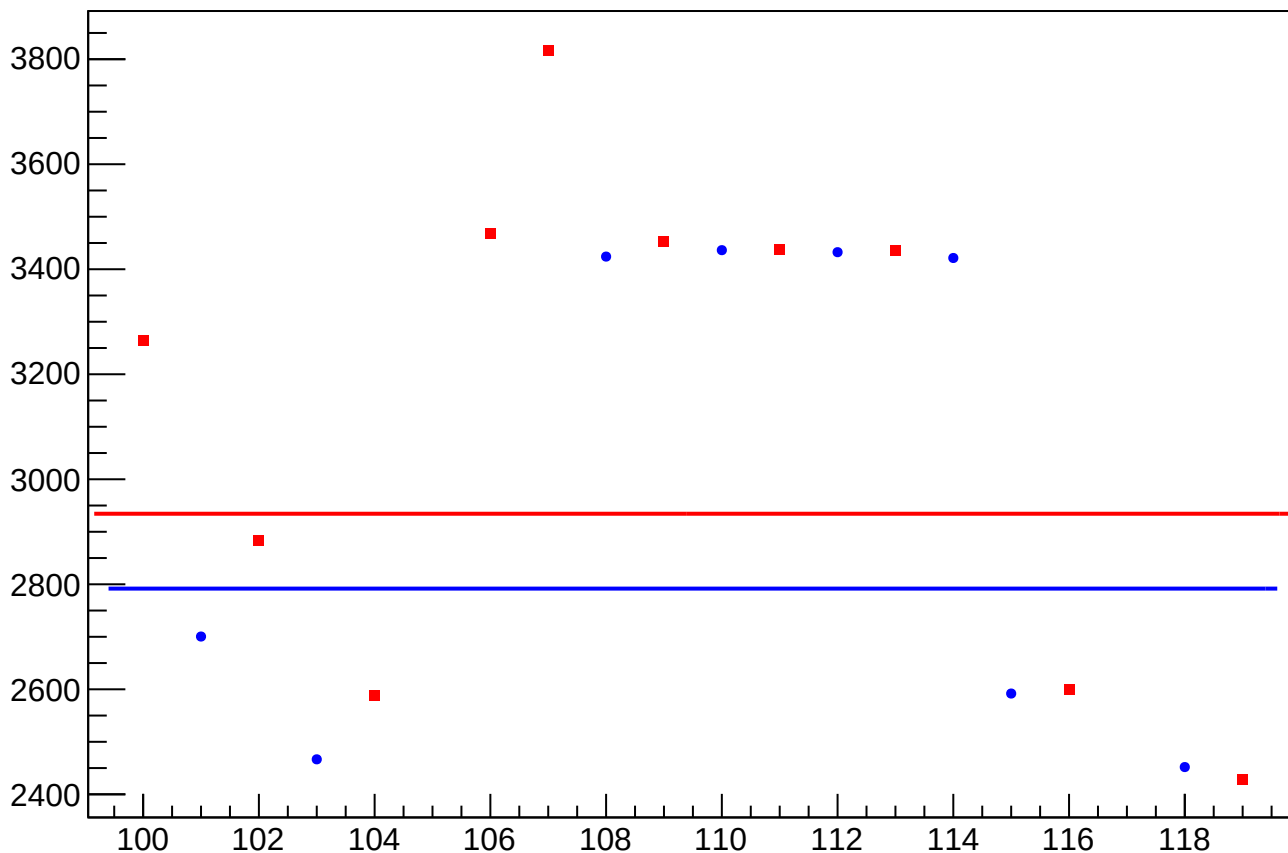
Right: 420.870+/-1064.147 χ^2/NDF : 10.5/17

In: 1094.063+/-1545.823 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.870+/-1064.147 χ^2/NDF : 10.5/17

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2791.786+/-1.093 χ^2/NDF : 141096.7/7

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

Right Out: 2934.351+/-1.037 χ^2/NDF : 186133.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

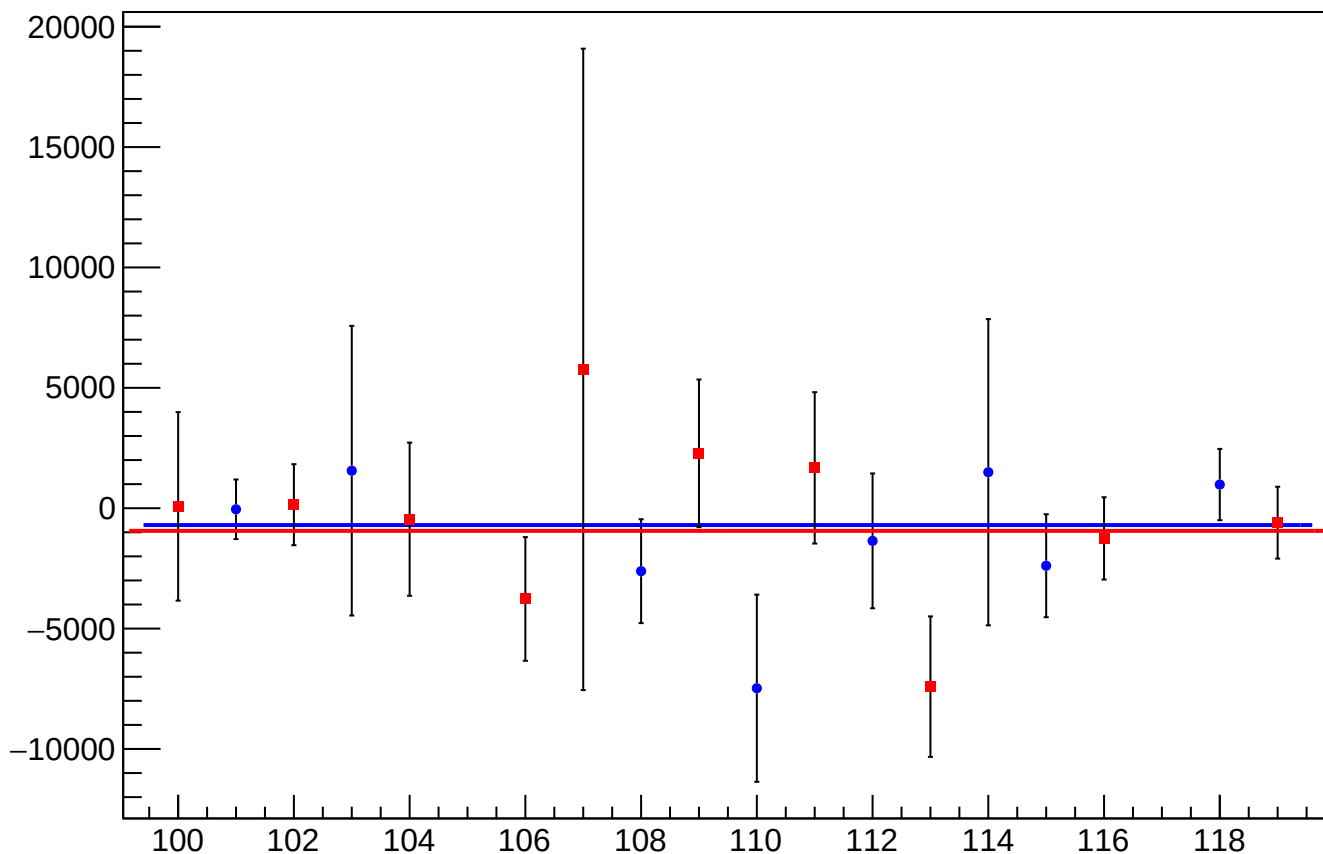
Right: 2866.790+/-0.752 χ^2/NDF : 336179.6/17

In: 2791.786+/-1.093 χ^2/NDF : 141096.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.790+/-0.752 χ^2/NDF : 336179.6/17

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -699.985+/-747.670 χ^2/NDF : 6.3/7

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

Right Out: -940.434+/-747.264 χ^2/NDF : 8.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

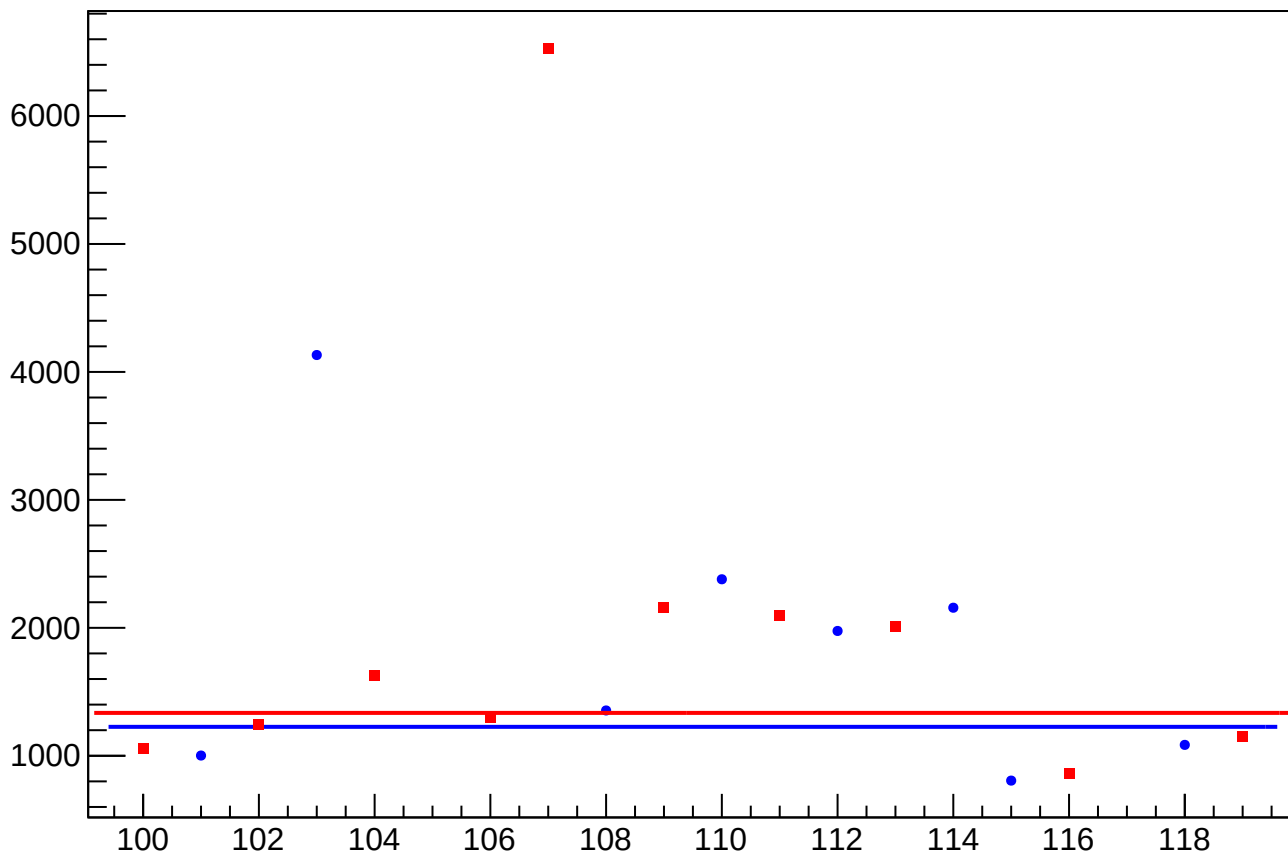
Right: -820.275+/-528.539 χ^2/NDF : 15.2/17

In: -699.985+/-747.670 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -820.275+/-528.539 χ^2/NDF : 15.2/17

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1226.248+/-0.529 χ^2/NDF : 997082.2/7

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

Right Out: 1335.171+/-0.528 χ^2/NDF : 891831.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

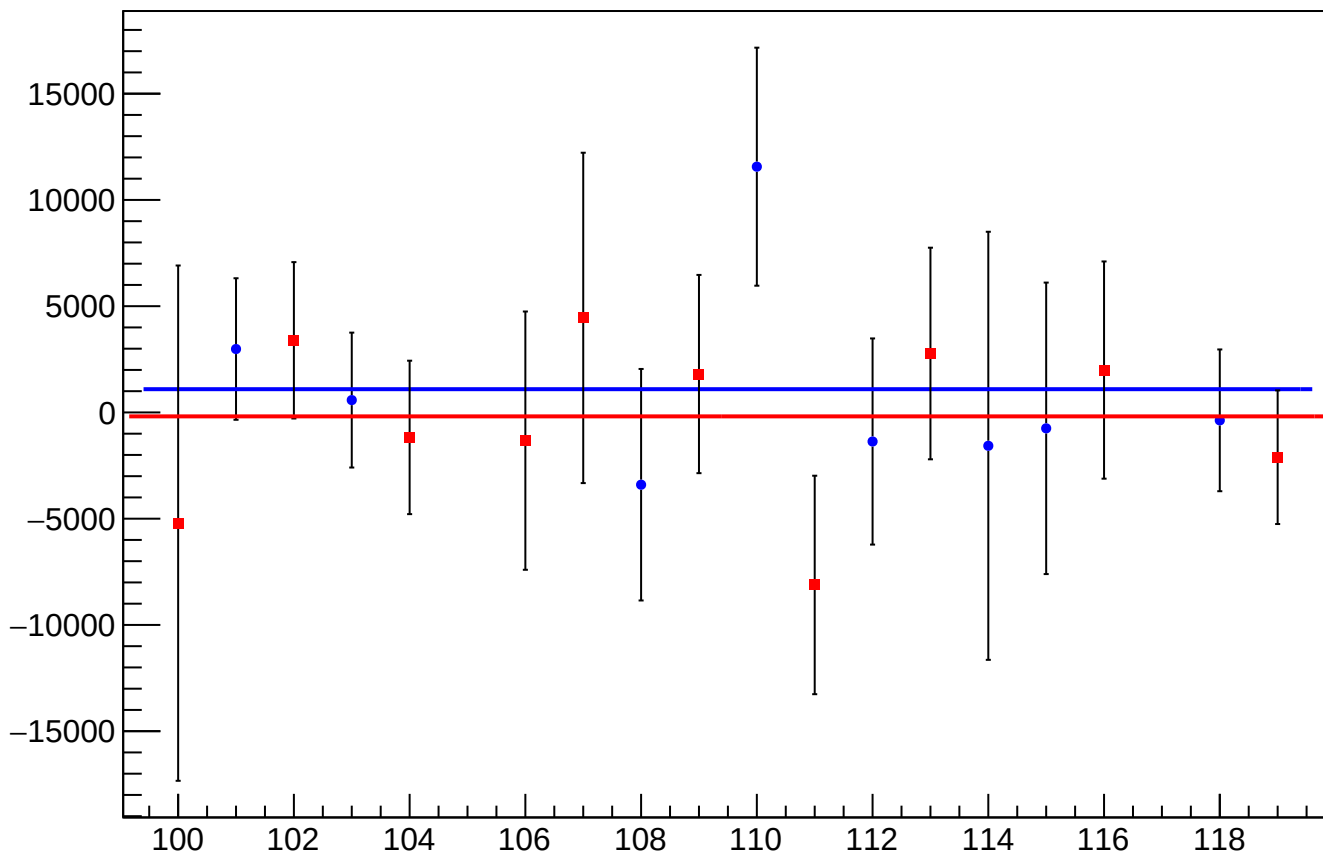
Right: 1280.739+/-0.374 χ^2/NDF : 1910149.3/17

In: 1226.248+/-0.529 χ^2/NDF : 997082.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.739+/-0.374 χ^2/NDF : 1910149.3/17

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1094.063+/-1545.823 χ^2/NDF : 5.1/7

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

Right Out: -185.521+/-1467.122 χ^2/NDF : 5.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

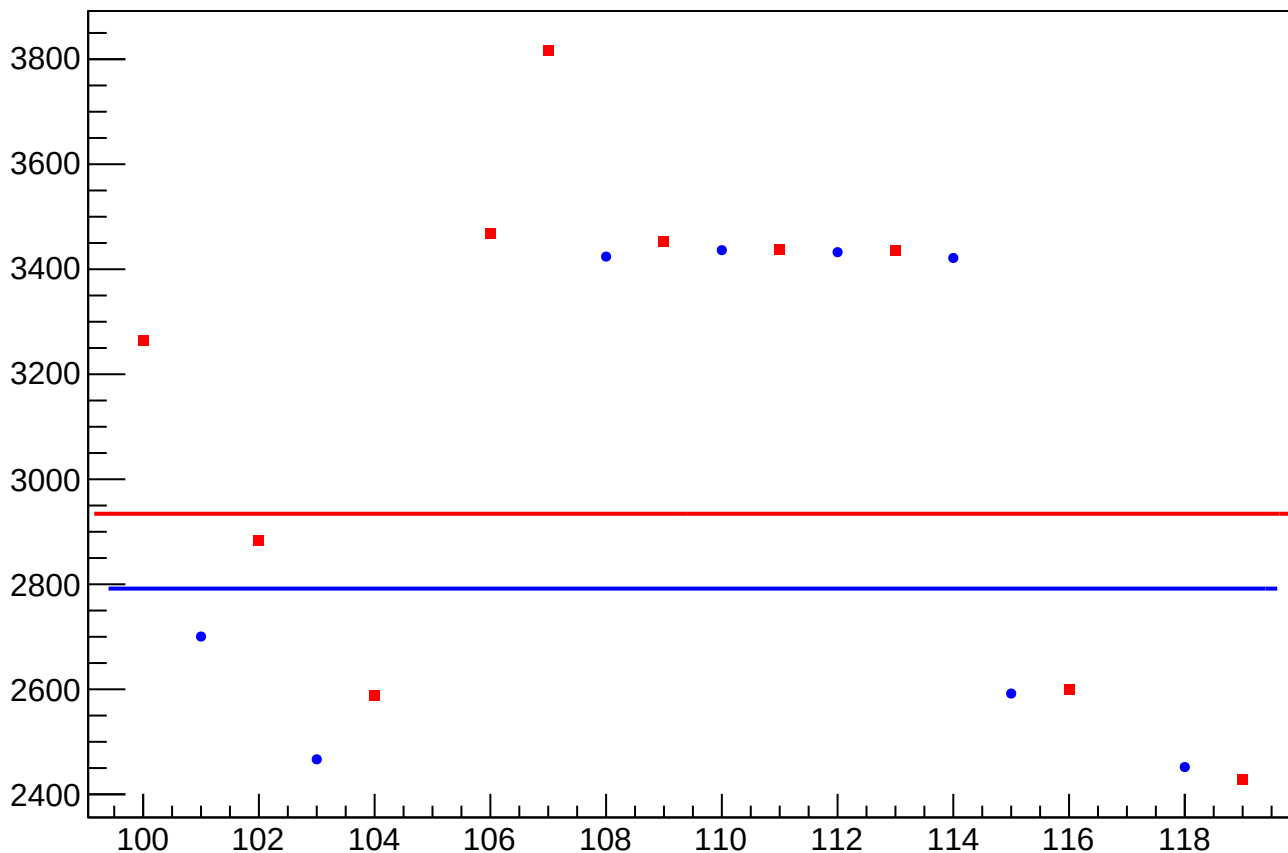
Right: 420.870+/-1064.147 χ^2/NDF : 10.5/17

In: 1094.063+/-1545.823 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 420.870+/-1064.147 χ^2/NDF : 10.5/17

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2791.786+/-1.093 χ^2/NDF : 141096.7/7

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

Right Out: 2934.351+/-1.037 χ^2/NDF : 186133.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

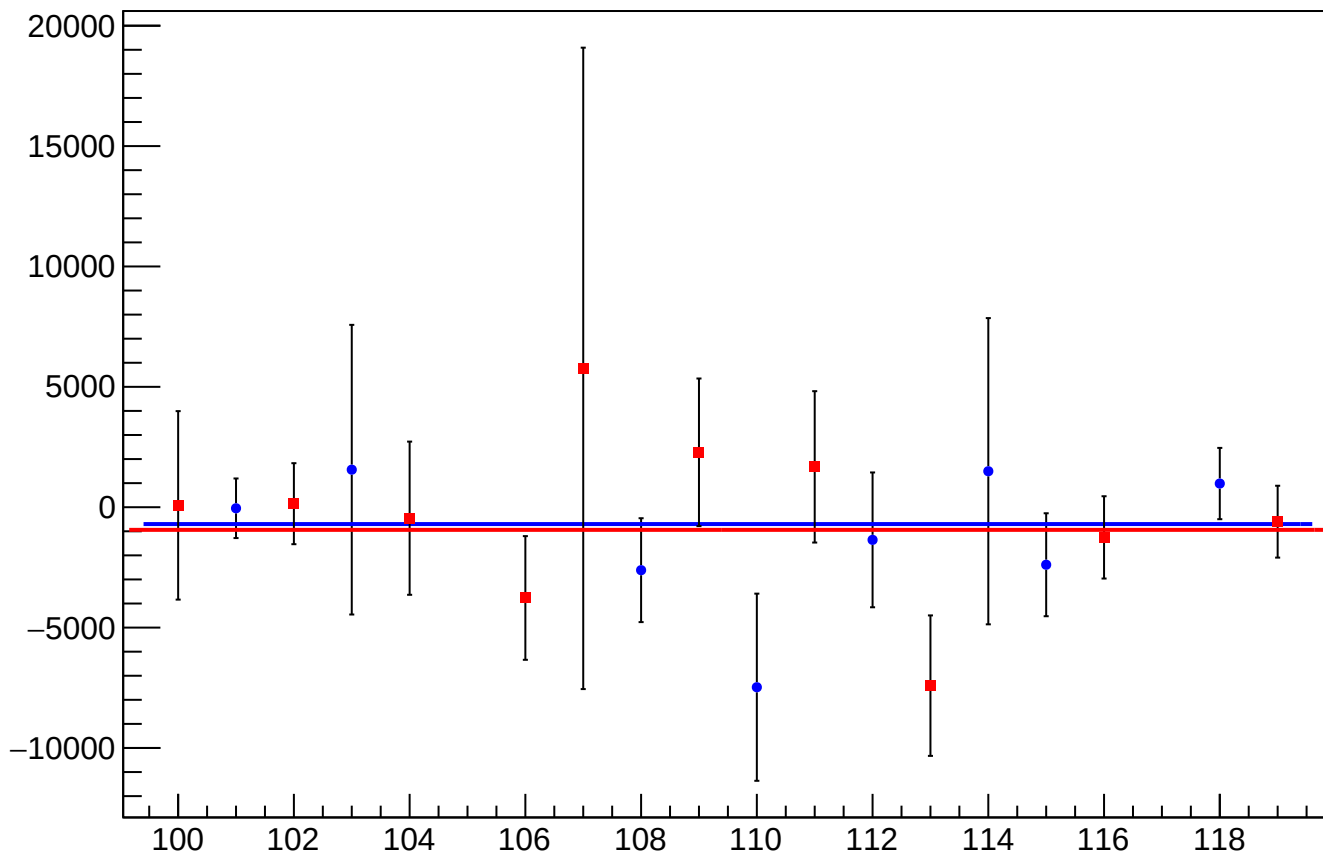
Right: 2866.790+/-0.752 χ^2/NDF : 336179.6/17

In: 2791.786+/-1.093 χ^2/NDF : 141096.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.790+/-0.752 χ^2/NDF : 336179.6/17

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -699.985+/-747.670 χ^2/NDF : 6.3/7

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

Right Out: -940.434+/-747.264 χ^2/NDF : 8.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

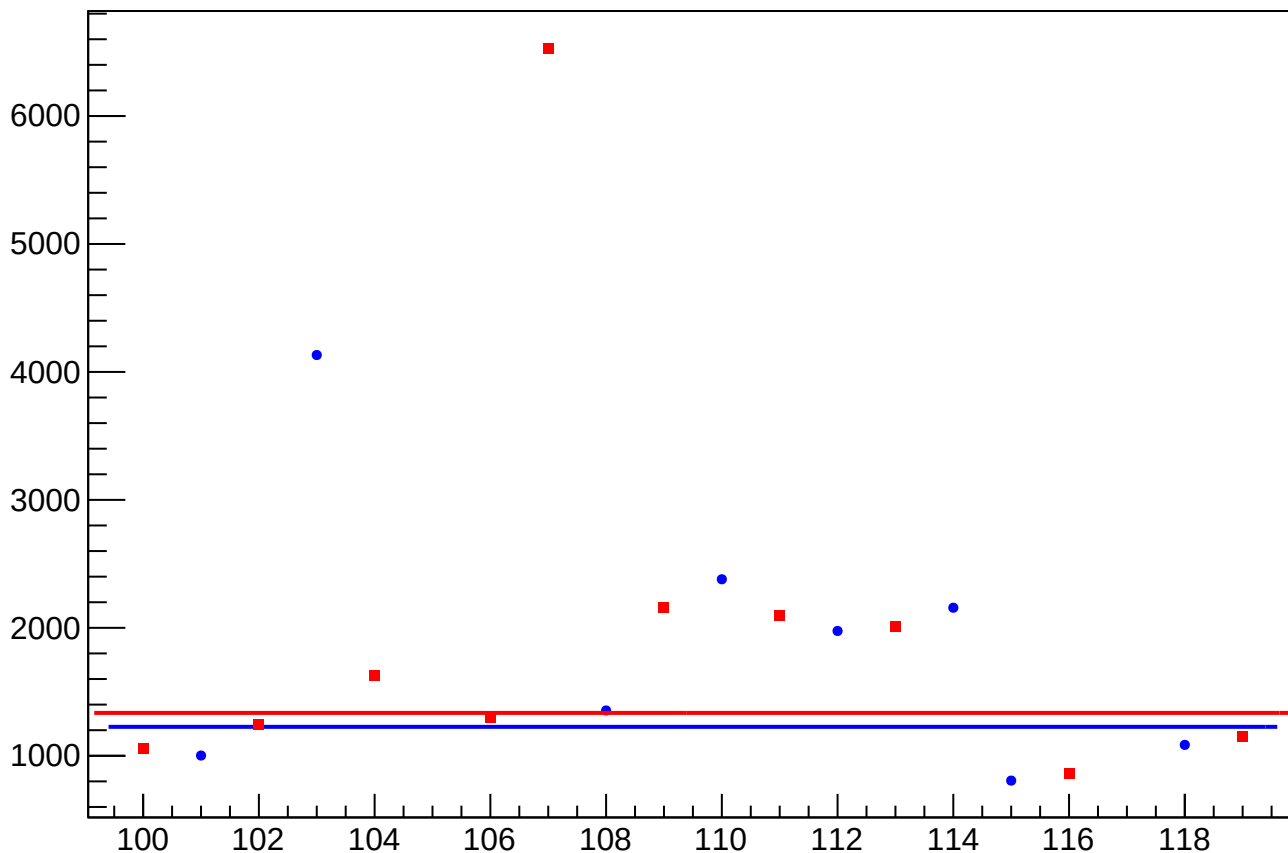
Right: -820.275+/-528.539 χ^2/NDF : 15.2/17

In: -699.985+/-747.670 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -820.275+/-528.539 χ^2/NDF : 15.2/17

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1226.248+/-0.529 χ^2/NDF : 997082.2/7

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

Right Out: 1335.171+/-0.528 χ^2/NDF : 891831.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

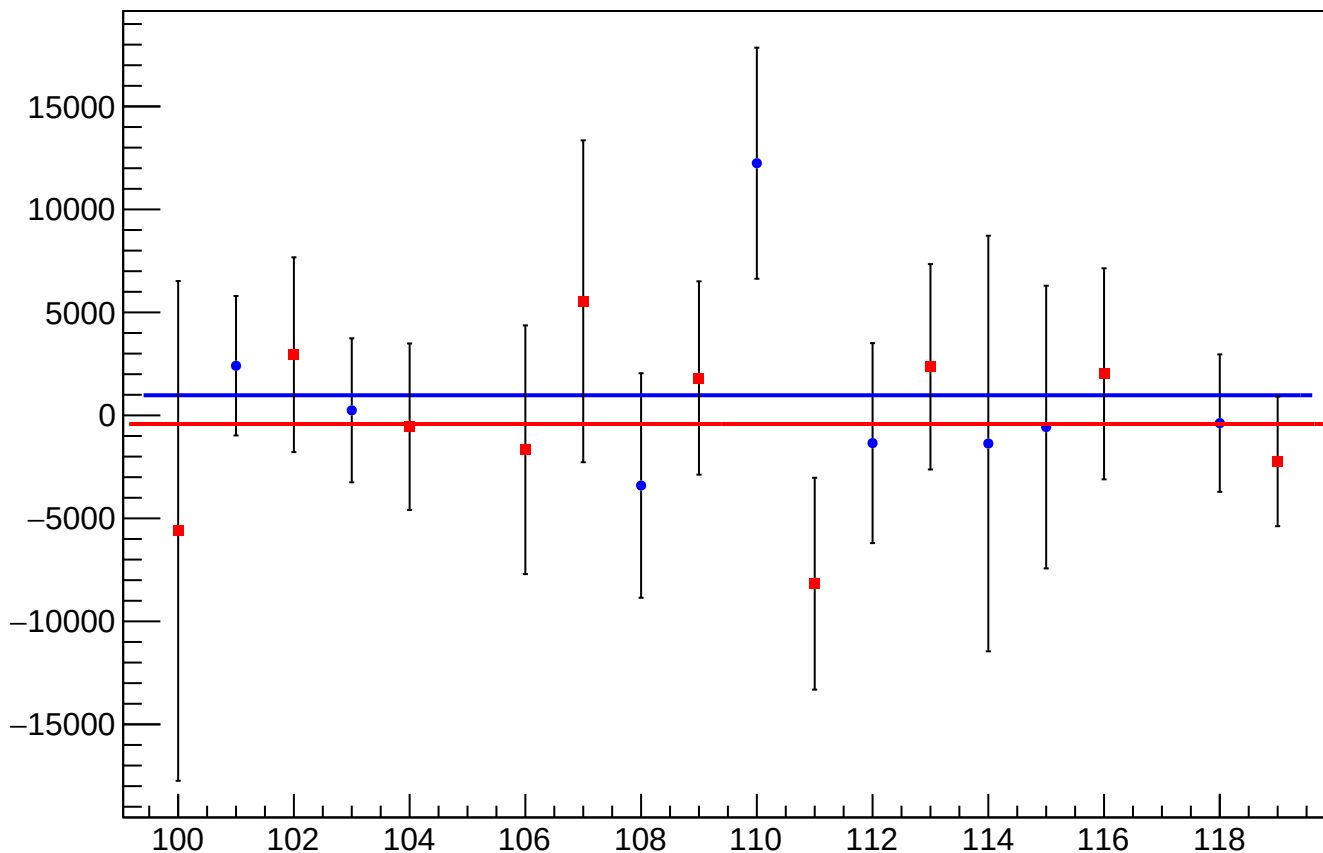
Right: 1280.739+/-0.374 χ^2/NDF : 1910149.3/17

In: 1226.248+/-0.529 χ^2/NDF : 997082.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.739+/-0.374 χ^2/NDF : 1910149.3/17

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 977.756+/-1585.354 χ^2/NDF : 5.4/7

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

Right Out: -417.727+/-1544.655 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

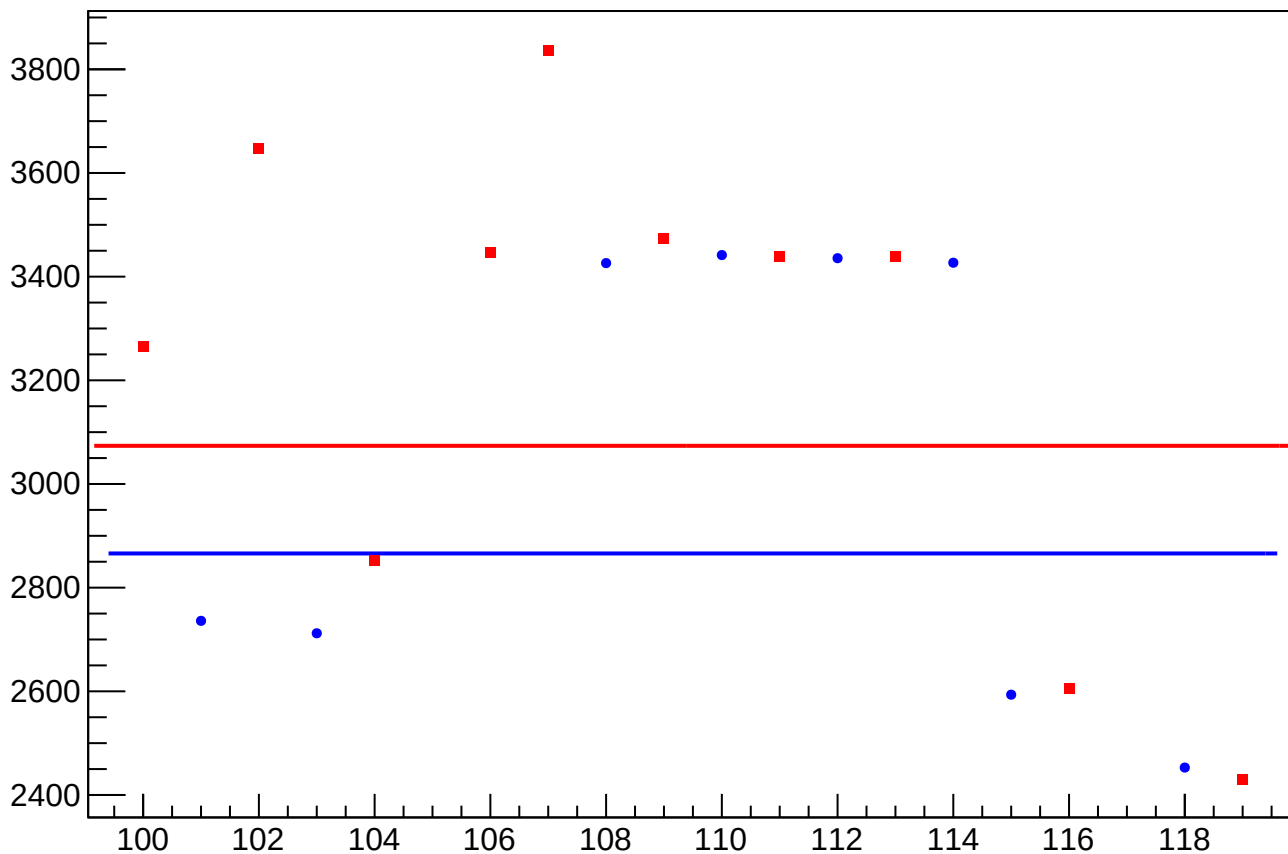
Right: 261.872+/-1106.344 χ^2/NDF : 10.5/17

In: 977.756+/-1585.354 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.872+/-1106.344 χ^2/NDF : 10.5/17

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2865.963+/-1.121 χ^2/NDF : 116532.3/7

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

Right Out: 3073.640+/-1.092 χ^2/NDF : 198585.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

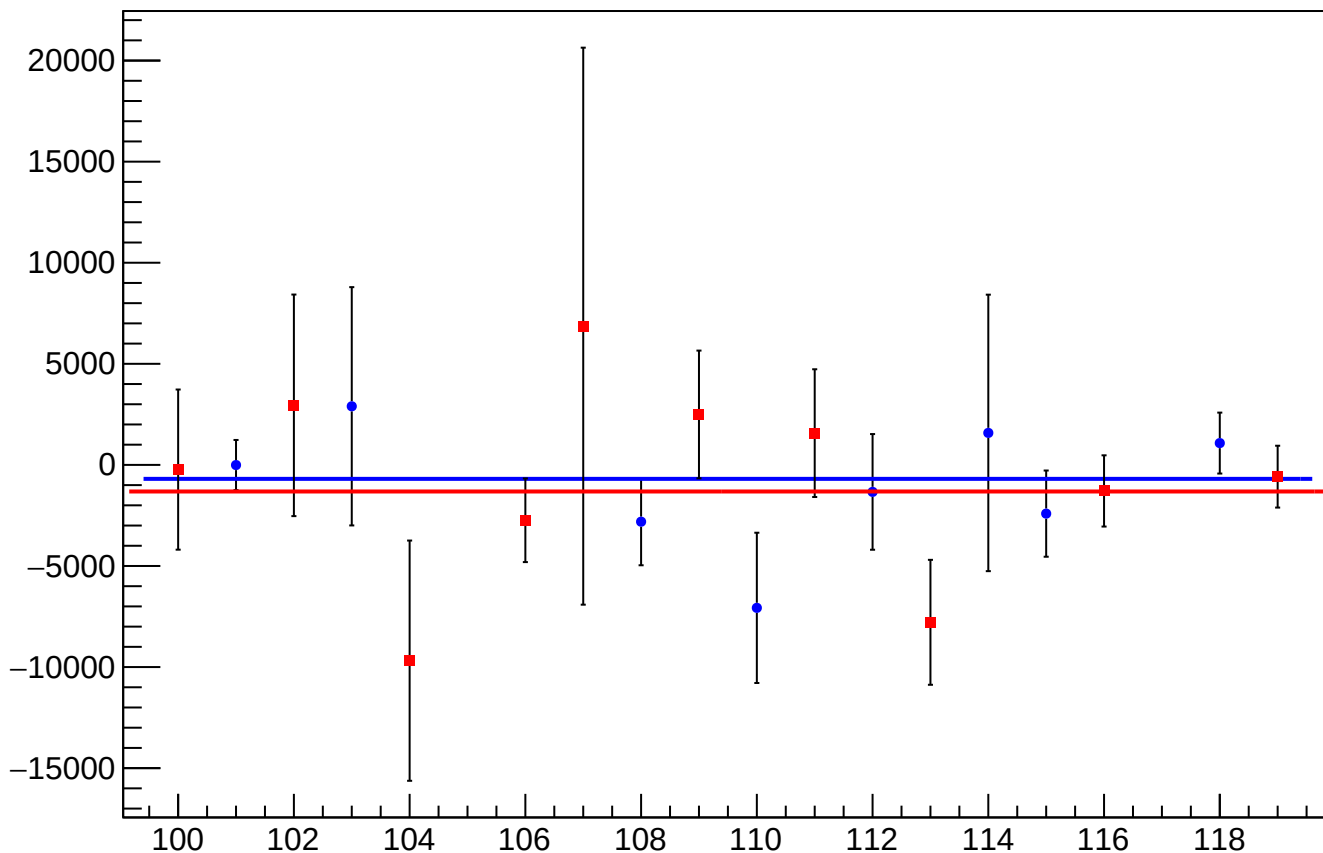
Right: 2972.501+/-0.782 χ^2/NDF : 332724.5/17

In: 2865.963+/-1.121 χ^2/NDF : 116532.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2972.501+/-0.782 χ^2/NDF : 332724.5/17

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -690.661+/-751.575 χ^2/NDF : 6.8/7

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

Right Out: -1315.410+/-839.504 χ^2/NDF : 10.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

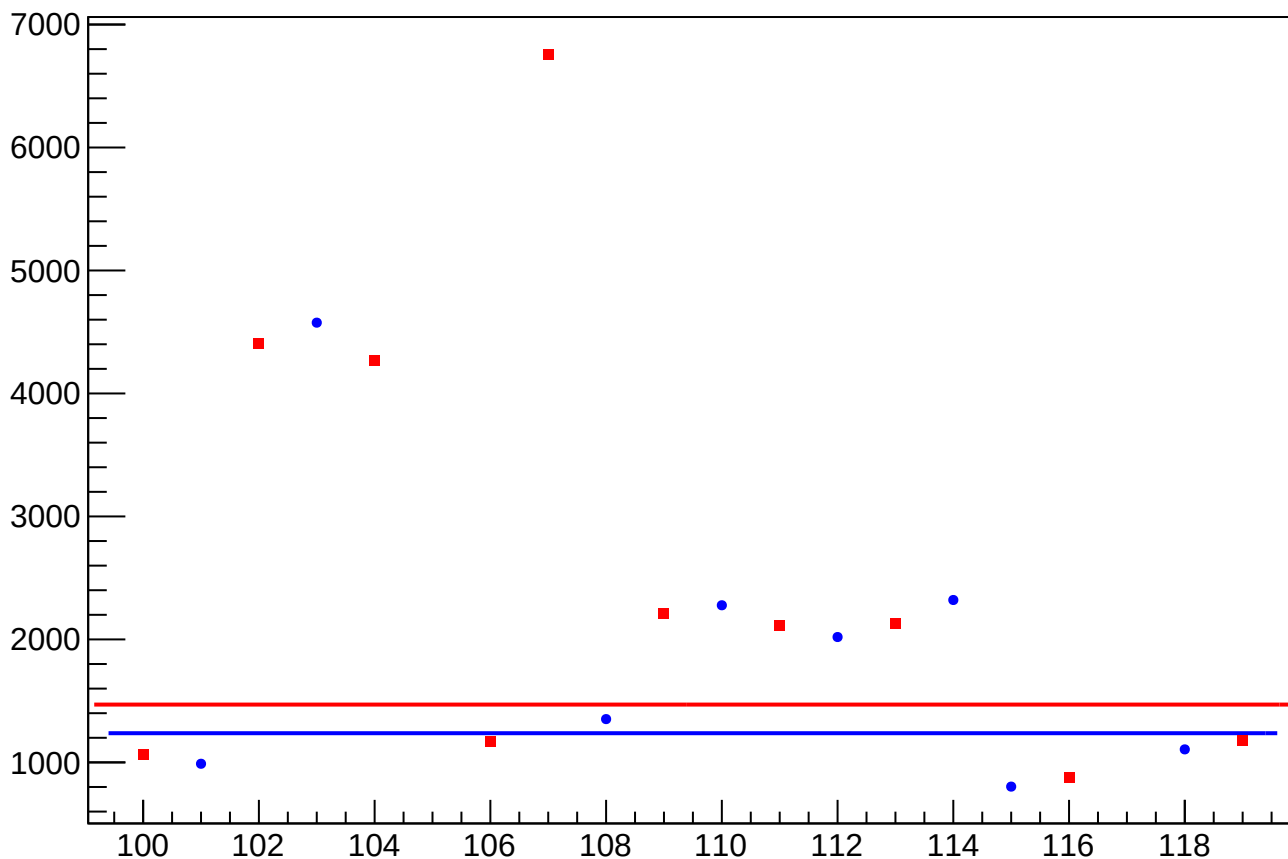
Right: -968.615+/-559.959 χ^2/NDF : 17.5/17

In: -690.661+/-751.575 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -968.615+/-559.959 χ^2/NDF : 17.5/17

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1237.299+/-0.531 χ^2/NDF : 1182195.3/7

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

Right Out: 1470.104+/-0.594 χ^2/NDF : 1951301.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

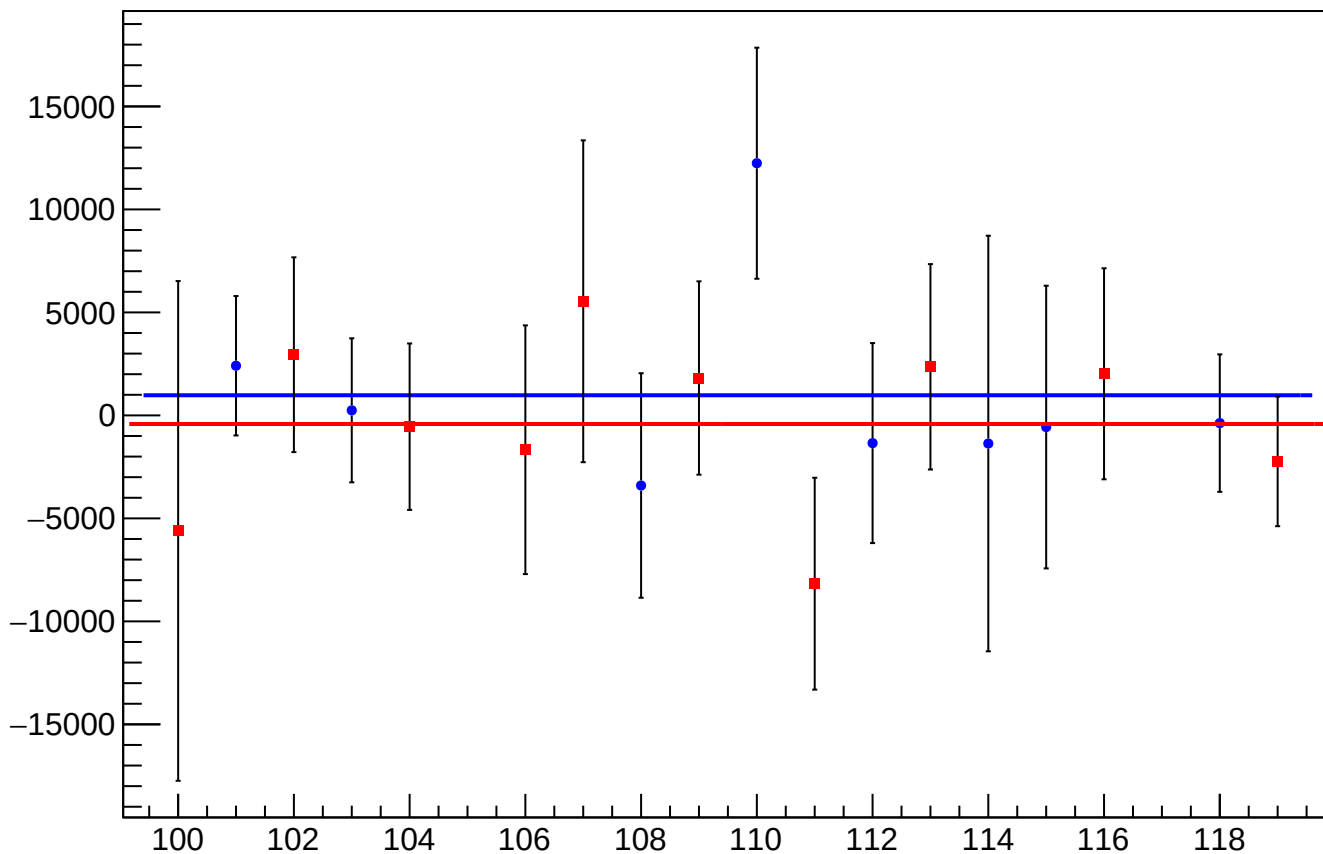
Right: 1340.875+/-0.396 χ^2/NDF : 3218873.2/17

In: 1237.299+/-0.531 χ^2/NDF : 1182195.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.875+/-0.396 χ^2/NDF : 3218873.2/17

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 977.751+/-1585.353 χ^2/NDF : 5.4/7

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

Right Out: -417.730+/-1544.654 χ^2/NDF : 4.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

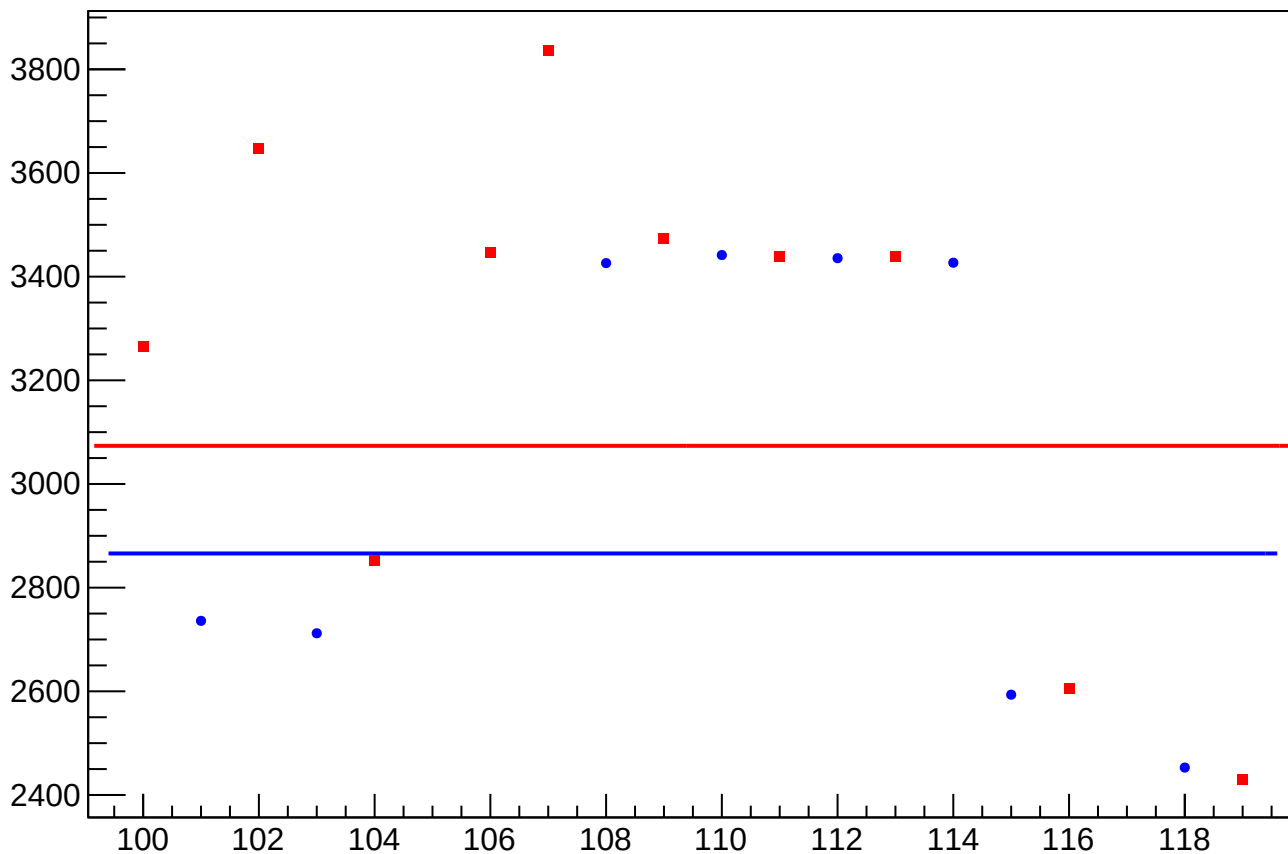
Right: 261.869+/-1106.344 χ^2/NDF : 10.5/17

In: 977.751+/-1585.353 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.869+/-1106.344 χ^2/NDF : 10.5/17

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2865.961+/-1.121 χ^2/NDF : 116532.6/7

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

Right Out: 3073.639+/-1.092 χ^2/NDF : 198585.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

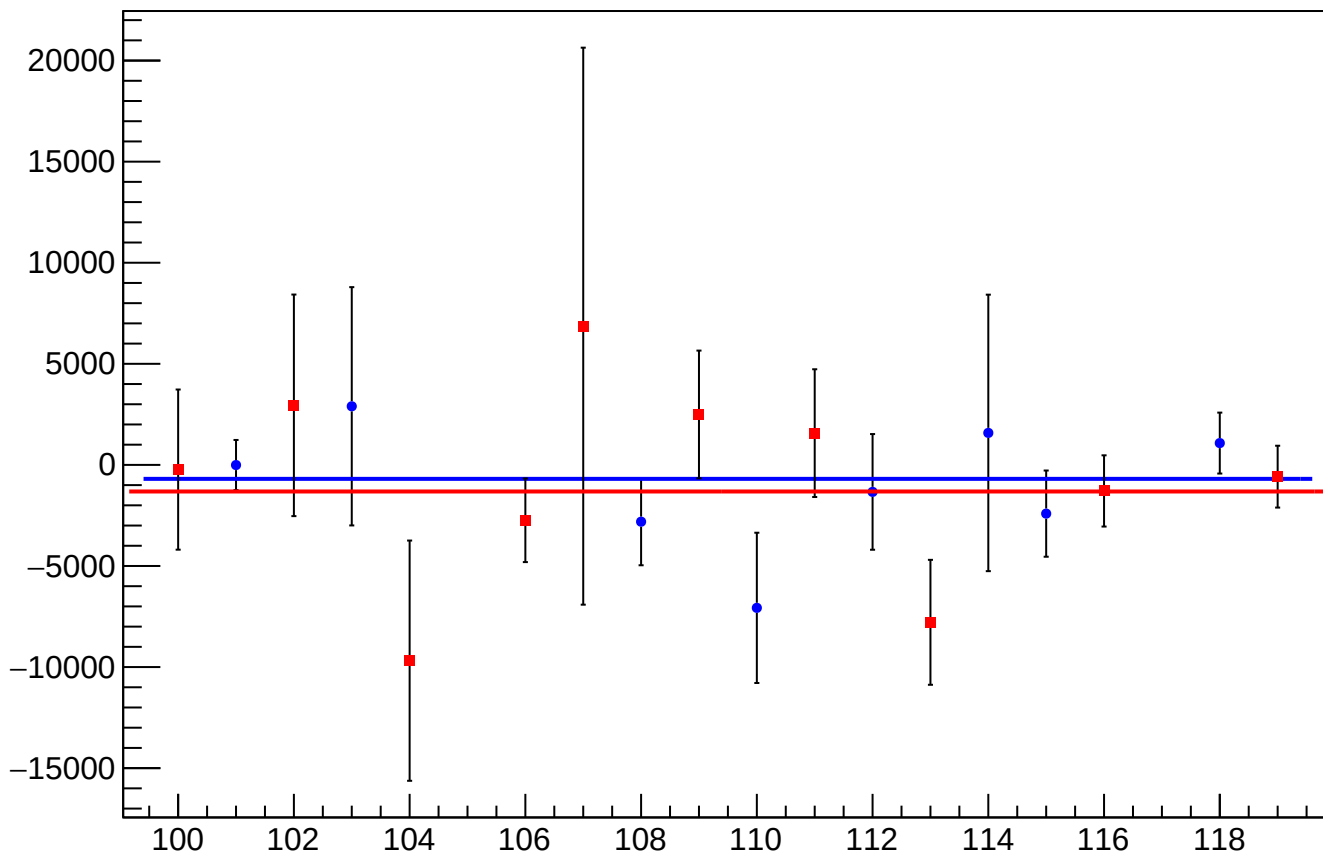
Right: 2972.500+/-0.782 χ^2/NDF : 332724.9/17

In: 2865.961+/-1.121 χ^2/NDF : 116532.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2972.500+/-0.782 χ^2/NDF : 332724.9/17

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -690.663+/-751.574 χ^2/NDF : 6.8/7

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

Right Out: -1315.406+/-839.502 χ^2/NDF : 10.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

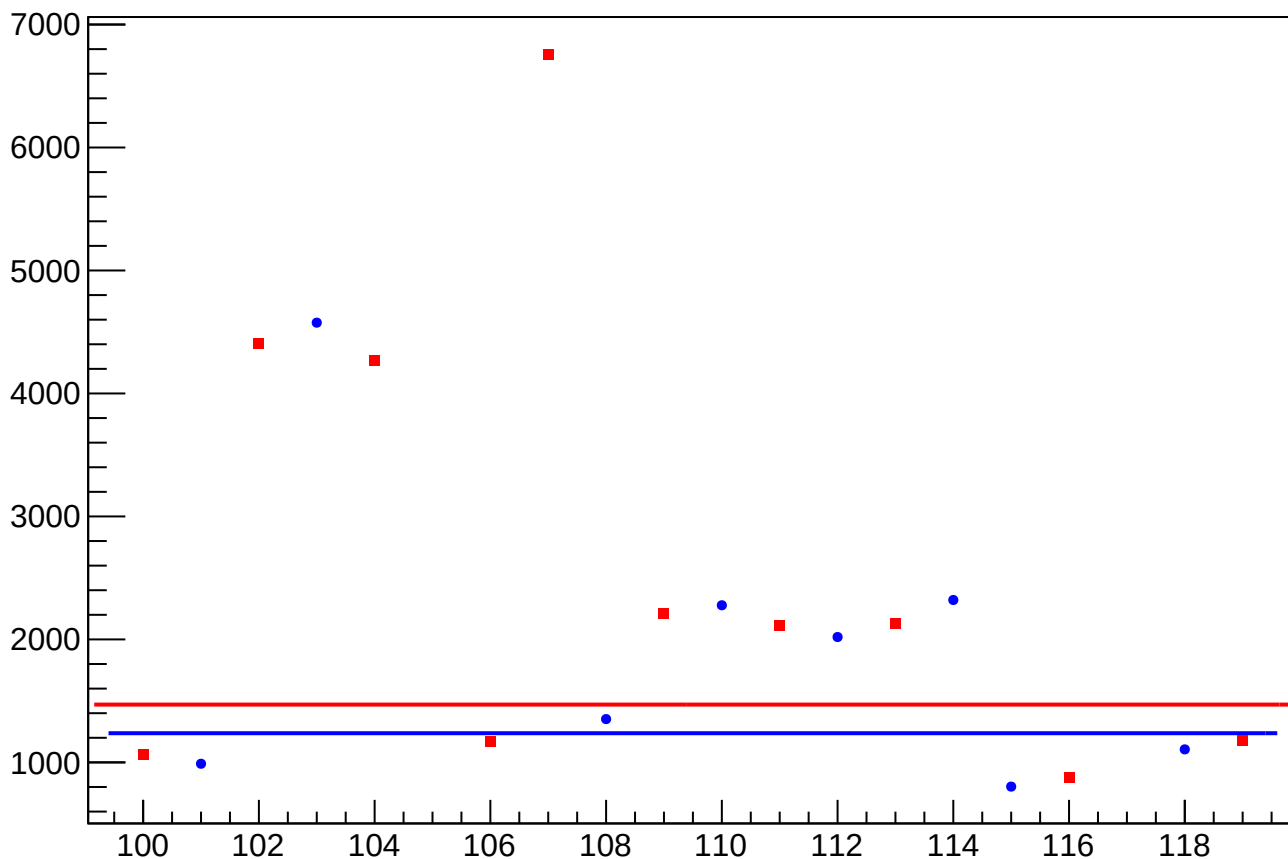
Right: -968.614+/-559.958 χ^2/NDF : 17.5/17

In: -690.663+/-751.574 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -968.614+/-559.958 χ^2/NDF : 17.5/17

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1237.297+/-0.531 χ^2/NDF : 1182197.7/7

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

Right Out: 1470.100+/-0.594 χ^2/NDF : 1951308.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

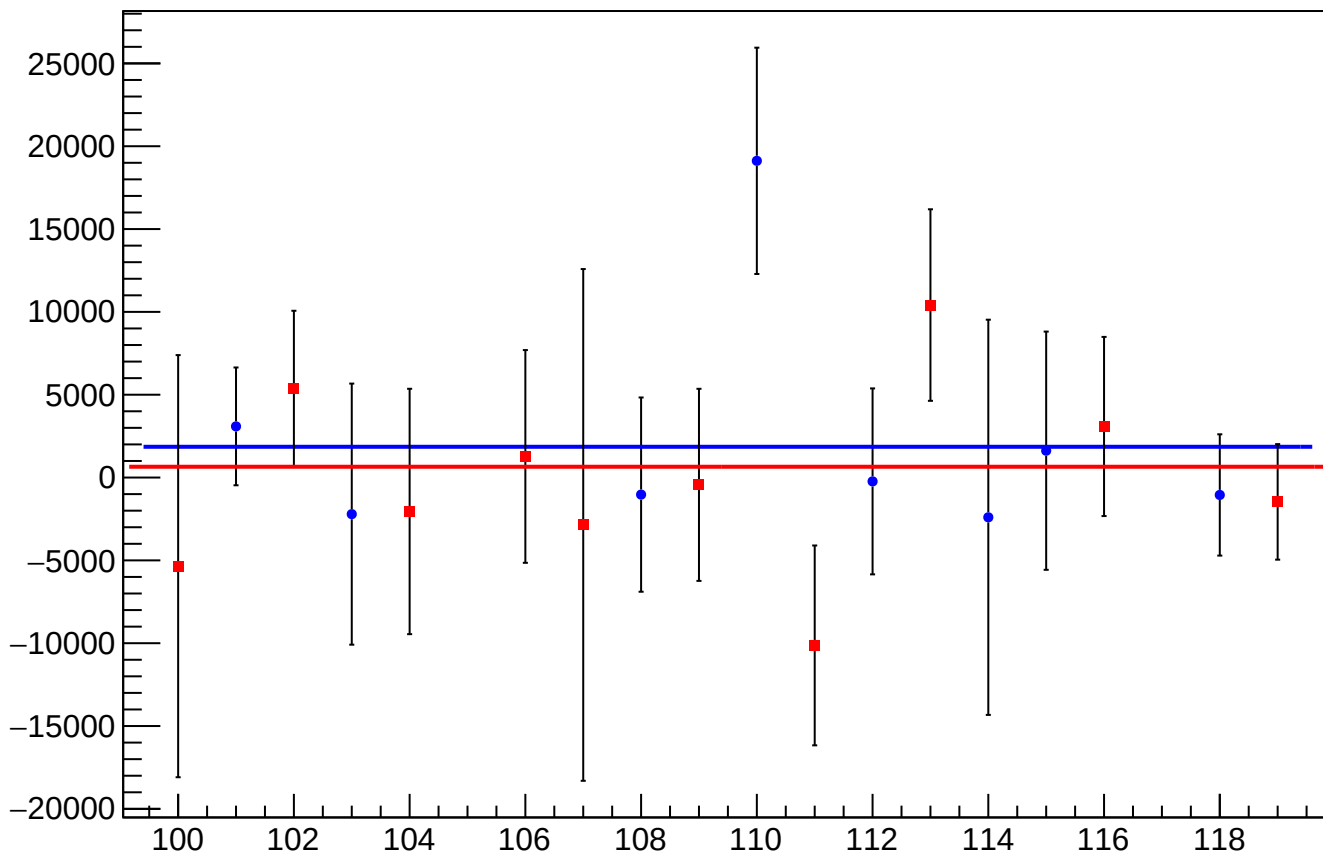
Right: 1340.872+/-0.396 χ^2/NDF : 3218881.3/17

In: 1237.297+/-0.531 χ^2/NDF : 1182197.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1340.872+/-0.396 χ^2/NDF : 3218881.3/17

asym_atl1_mean vs Slug, Sign Corrected



Right In: 1857.428+/-1895.138 χ^2/NDF : 7.9/7

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

Right Out: 651.908+/-1820.459 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

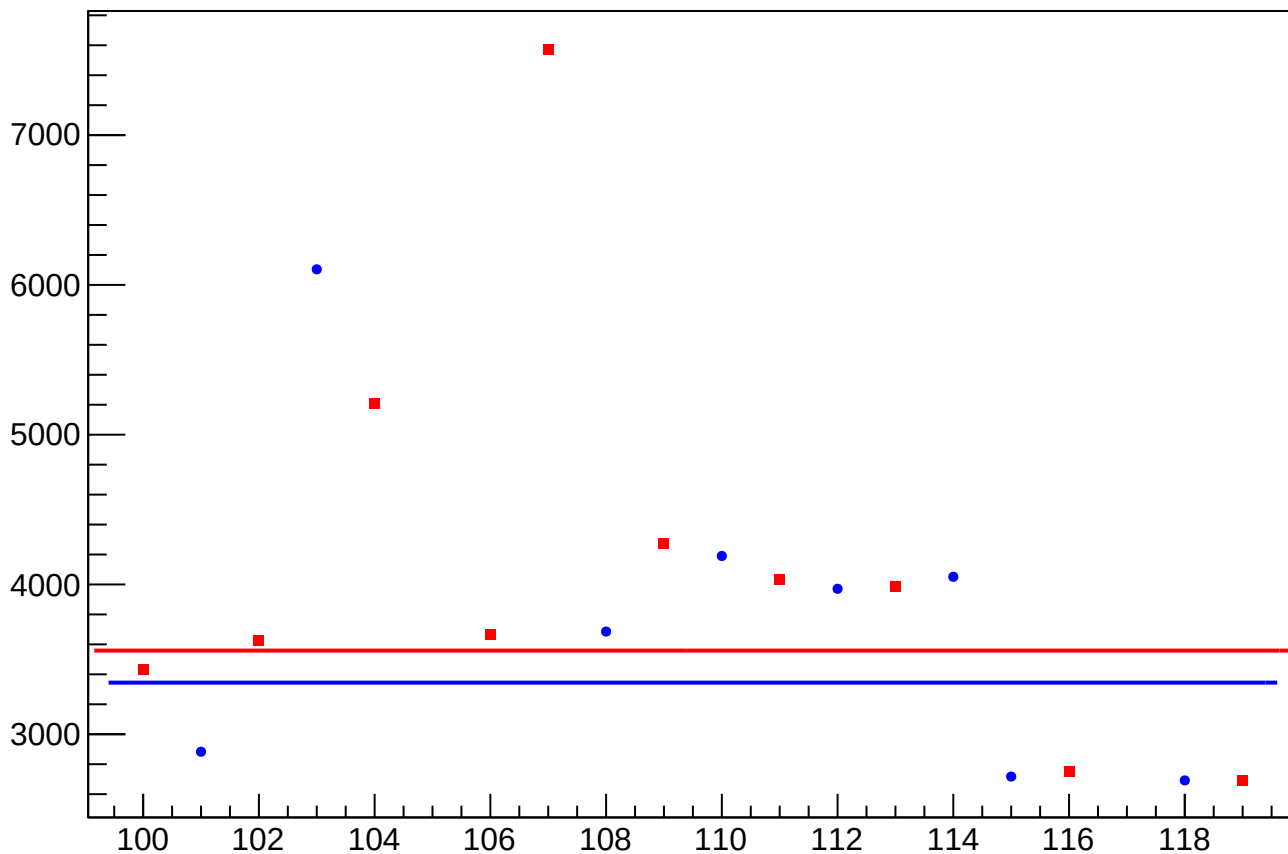
Right: 1230.449+/-1312.866 χ^2/NDF : 16.2/17

In: 1857.428+/-1895.138 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1230.449+/-1312.866 χ^2/NDF : 16.2/17

asym_atl1_rms vs Slug, Sign Corrected



Right In: 3344.610+/-1.340 χ^2/NDF : 427042.8/7

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

Right Out: 3558.470+/-1.287 χ^2/NDF : 457889.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

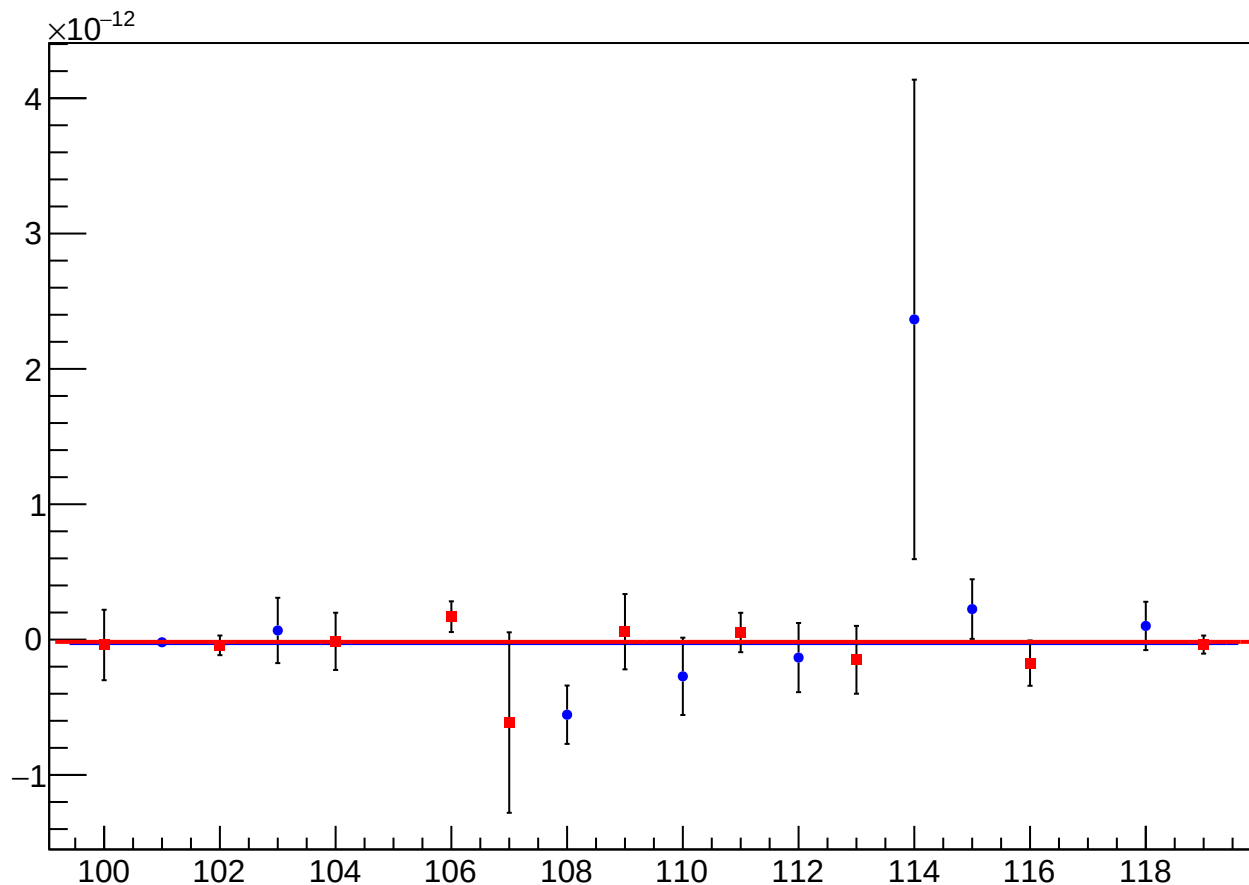
Right: 3455.836+/-0.928 χ^2/NDF : 898178.7/17

In: 3344.610+/-1.340 χ^2/NDF : 427042.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3455.836+/-0.928 χ^2/NDF : 898178.7/17

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

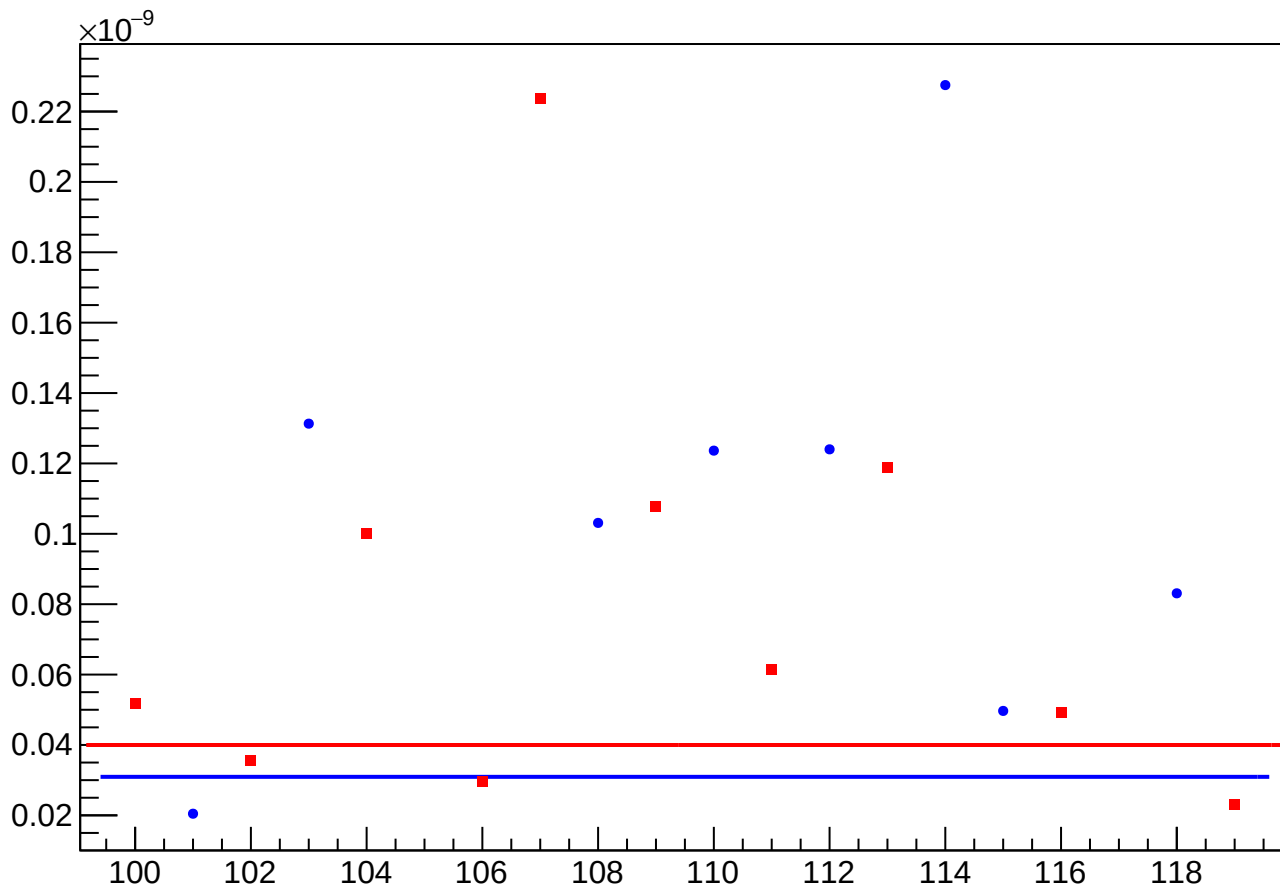
Right: -0.000+/-0.000 χ^2/NDF : 15.9/17

In: -0.000+/-0.000 χ^2/NDF : 10.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/17

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1421568.8/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 836138.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

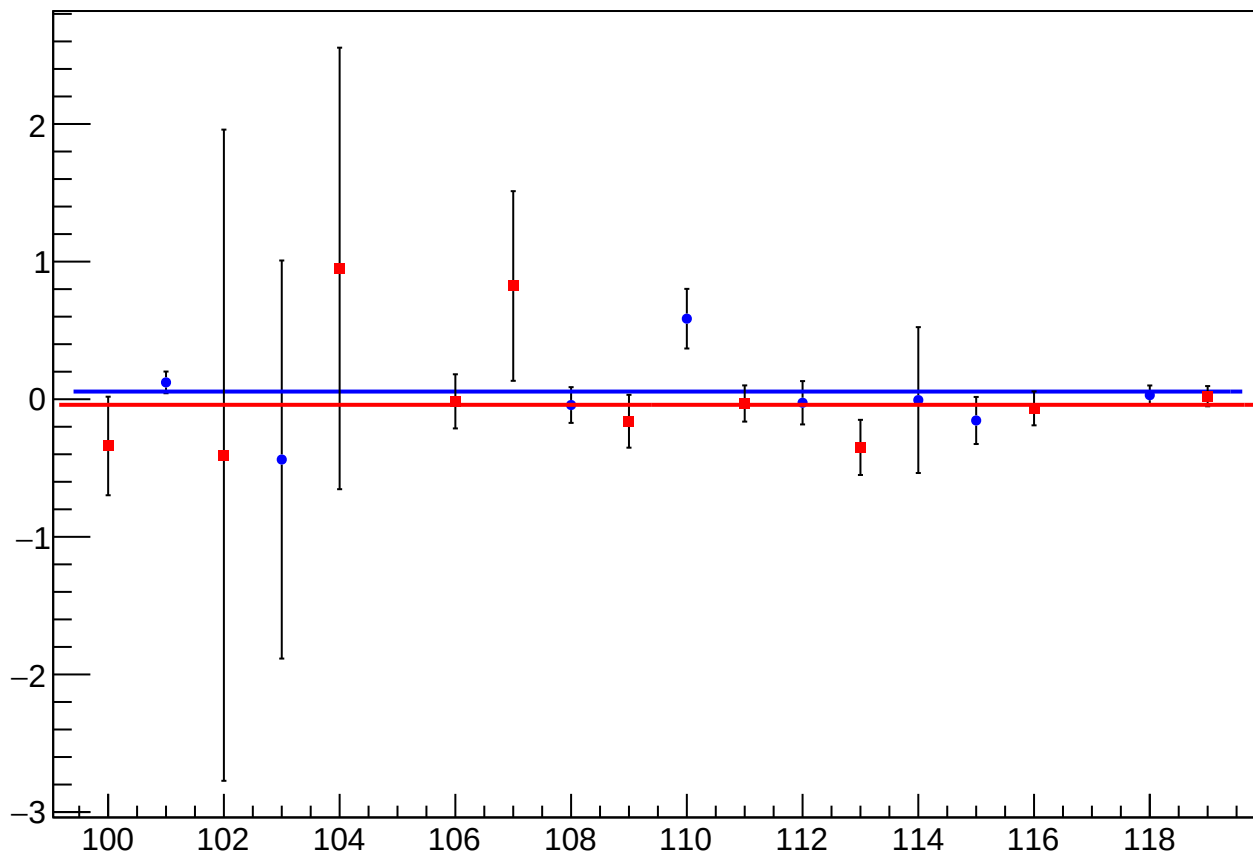
Right: 0.000+/-0.000 χ^2/NDF : 2318377.2/17

In: 0.000+/-0.000 χ^2/NDF : 1421568.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2318377.2/17

asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.044 χ^2 /NDF: 9.3/7

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

Right Out: -0.041 $\pm$ 0.050 χ^2 /NDF: 6.2/9

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

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

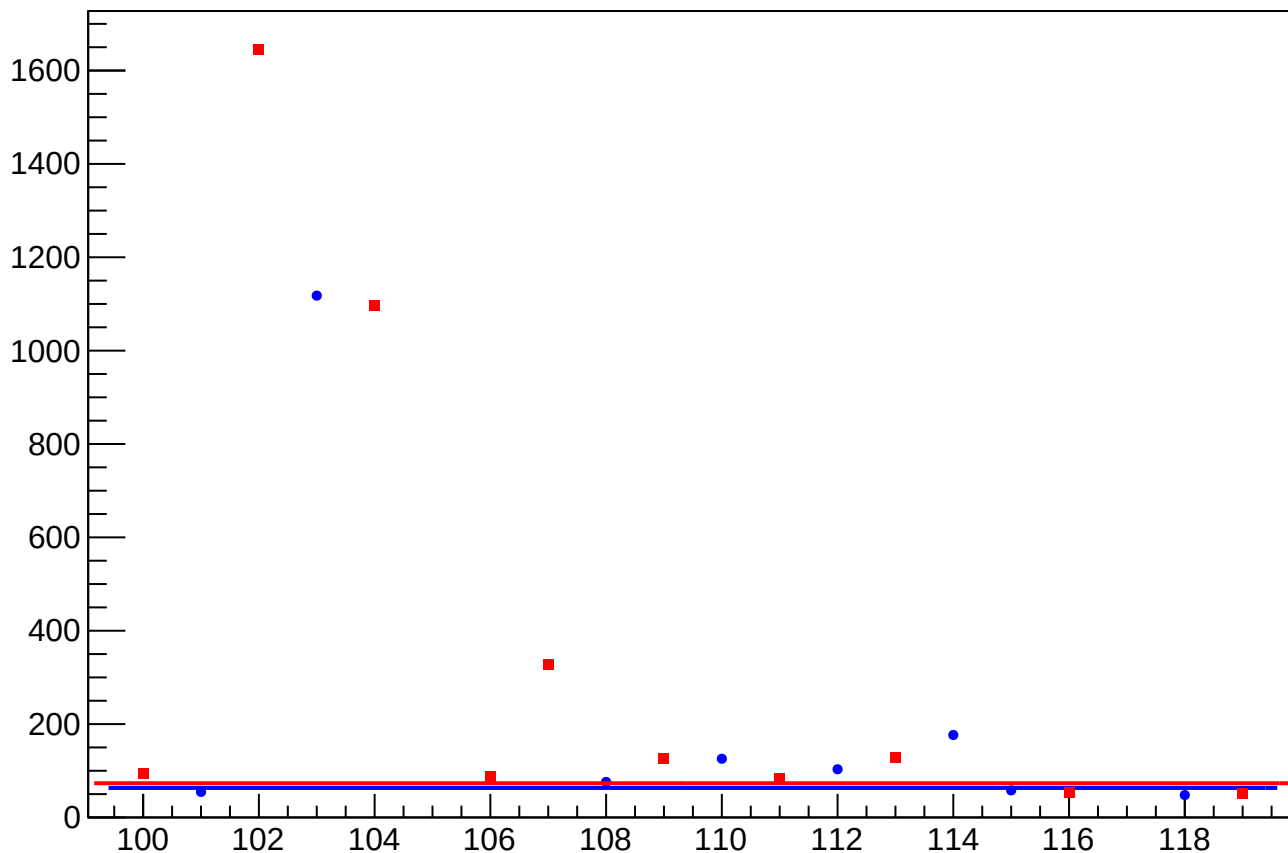
Right: 0.014 $\pm$ 0.033 χ^2 /NDF: 17.6/17

In: 0.056 $\pm$ 0.044 χ^2 /NDF:9.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 17.6/17

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.226+/-0.031 χ^2/NDF : 1588922.0/7

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

Right Out: 73.247+/-0.035 χ^2/NDF : 2518686.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

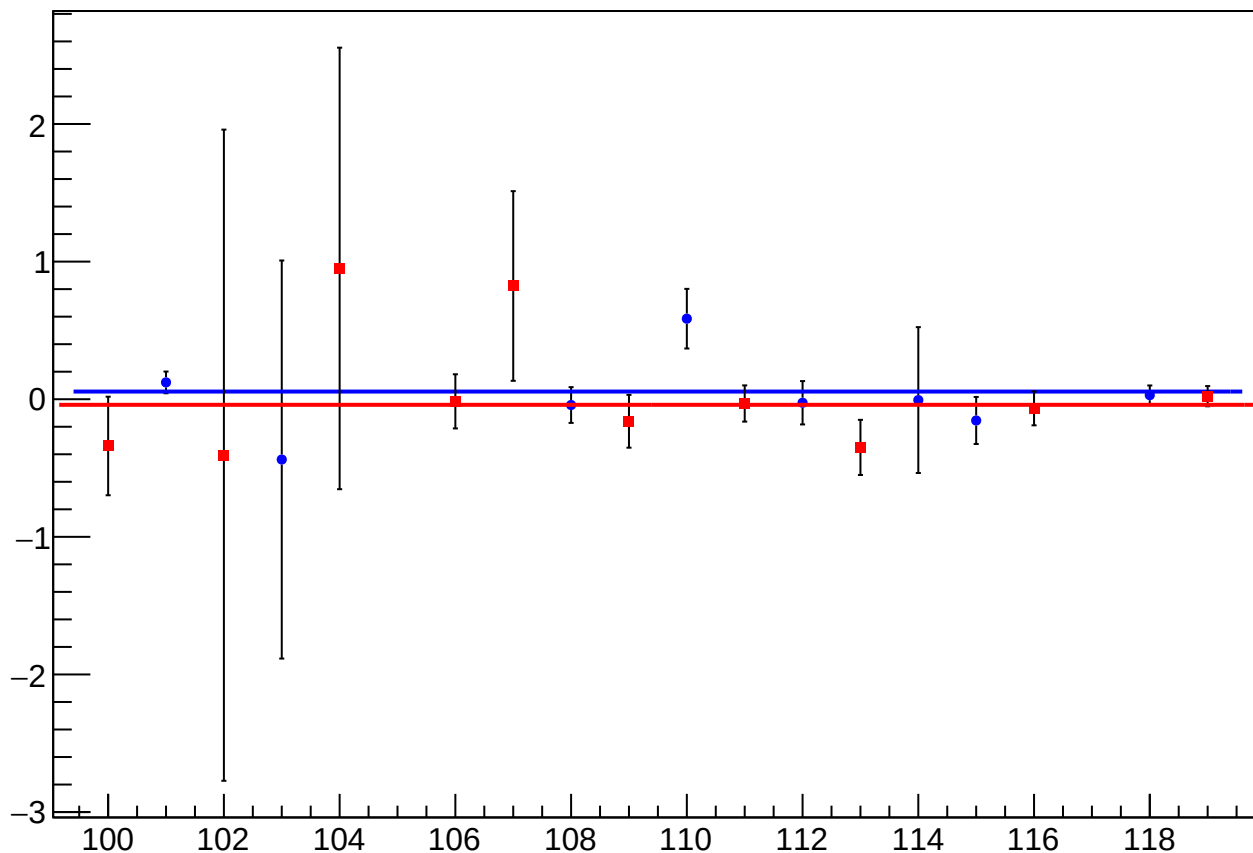
Right: 67.554+/-0.023 χ^2/NDF : 4152937.3/17

In: 63.226+/-0.031 χ^2/NDF :1588922.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.554+/-0.023 χ^2/NDF : 4152937.3/17

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.044 χ^2/NDF : 9.3/7

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

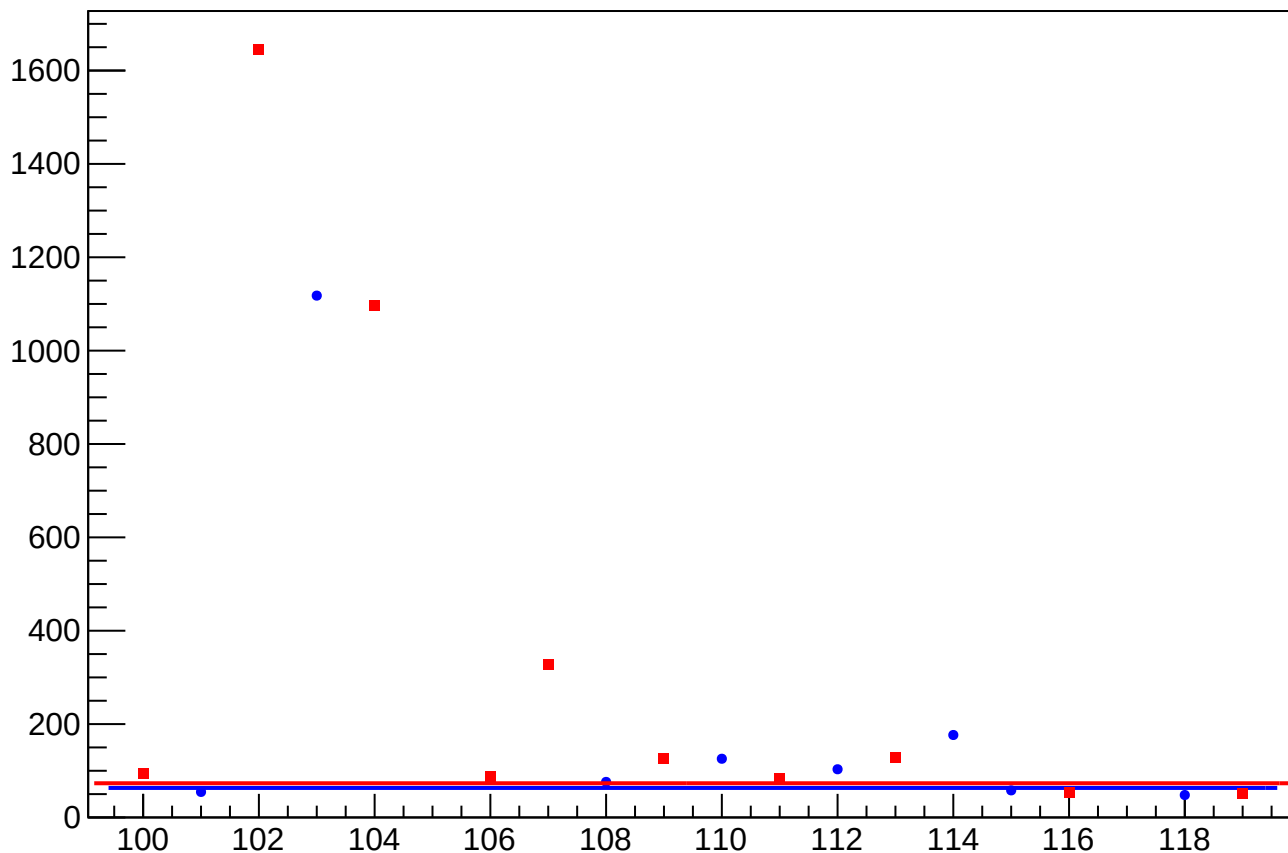
Right: 0.014+/-0.033 χ^2/NDF : 17.6/17

In: 0.056+/-0.044 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.033 χ^2/NDF : 17.6/17

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.226+/-0.031 χ^2/NDF : 1588922.0/7

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

Right Out: 73.247+/-0.035 χ^2/NDF : 2518686.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

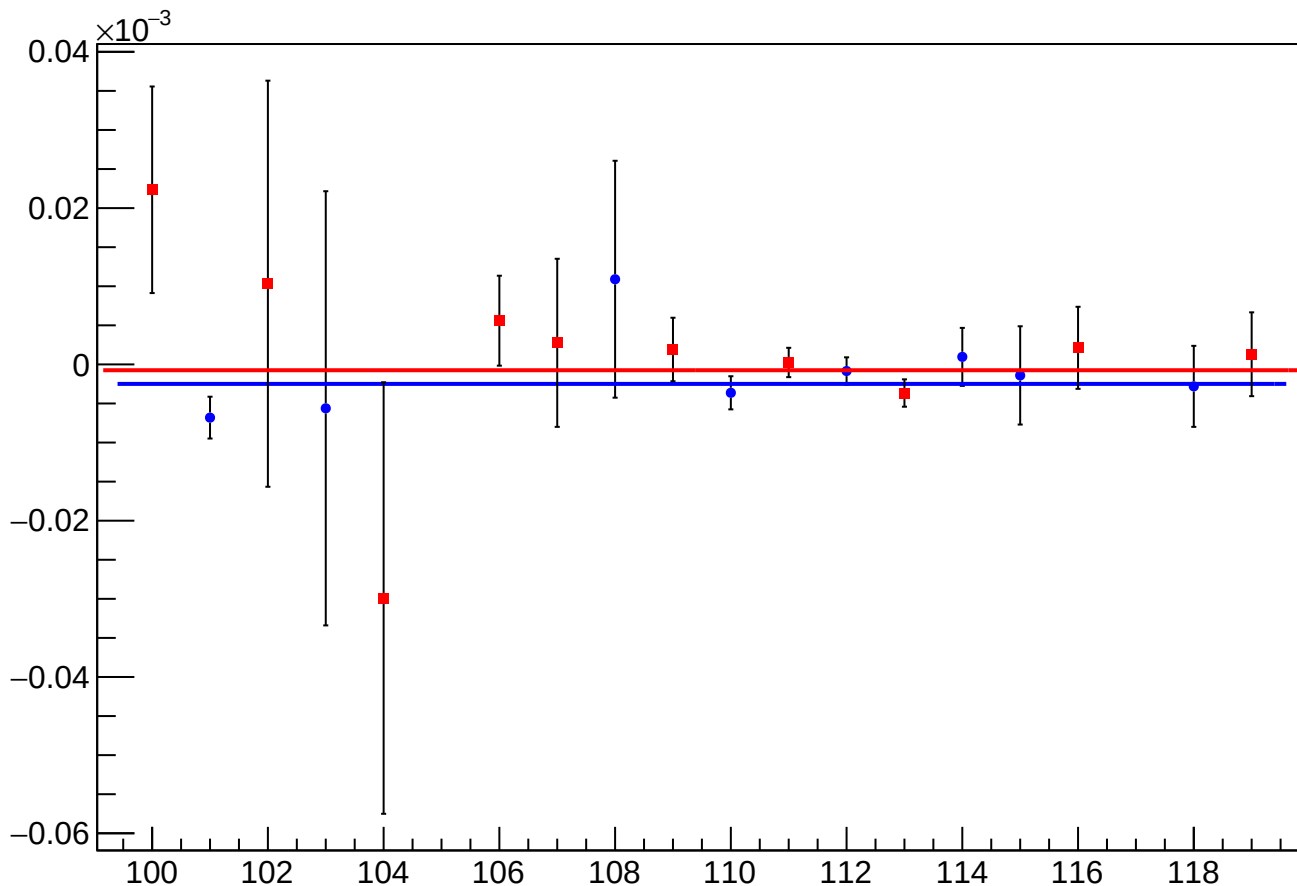
Right: 67.554+/-0.023 χ^2/NDF : 4152937.3/17

In: 63.226+/-0.031 χ^2/NDF : 1588922.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.554+/-0.023 χ^2/NDF : 4152937.3/17

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

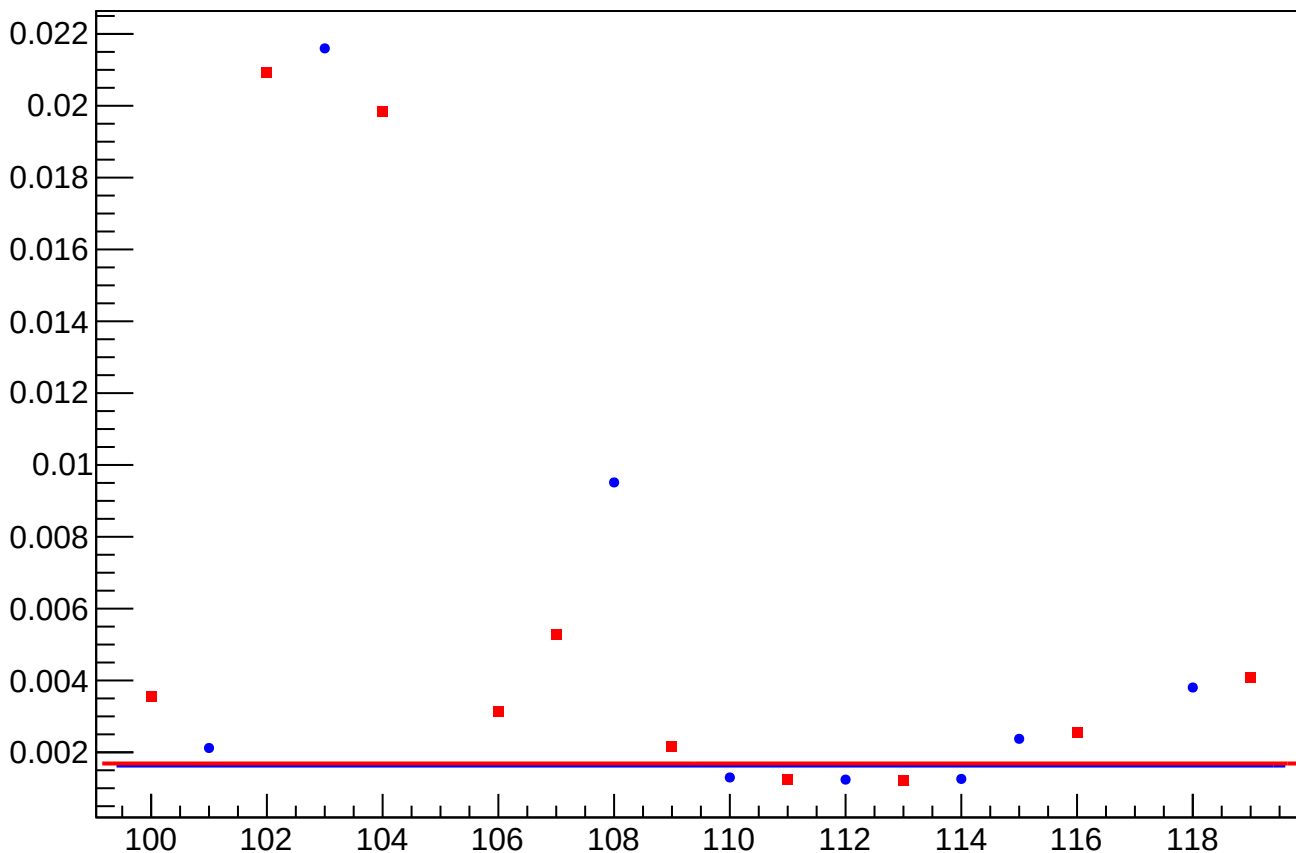
Right: -0.000+/-0.000 χ^2/NDF : 16.3/17

In: -0.000+/-0.000 χ^2/NDF :5.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.3/17

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2188951.0/7

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3082715.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

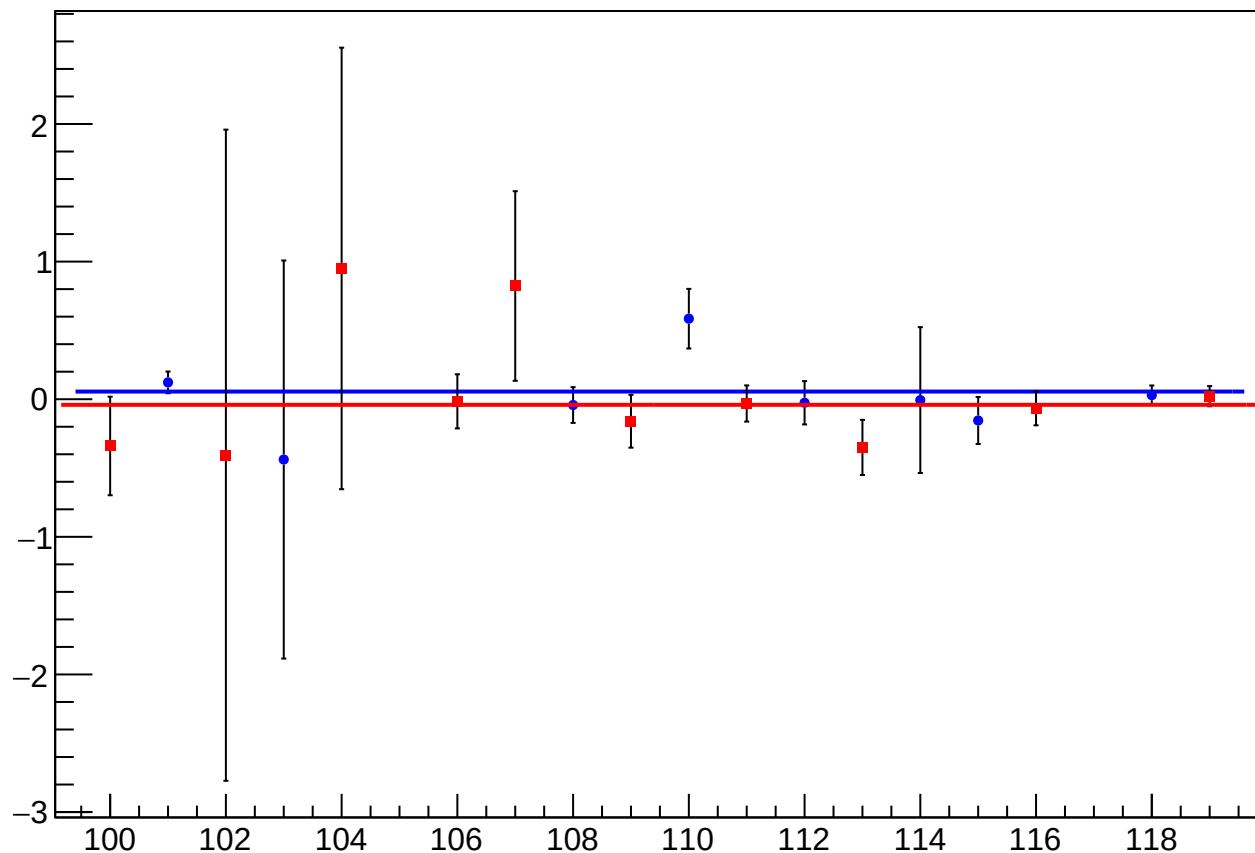
Right: 0.002+/-0.000 χ^2/NDF : 5274322.4/17

In: 0.002+/-0.000 χ^2/NDF : 2188951.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5274322.4/17

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.044 χ^2 /NDF: 9.3/7

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

Right Out: -0.041 $\pm$ 0.050 χ^2 /NDF: 6.2/9

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

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

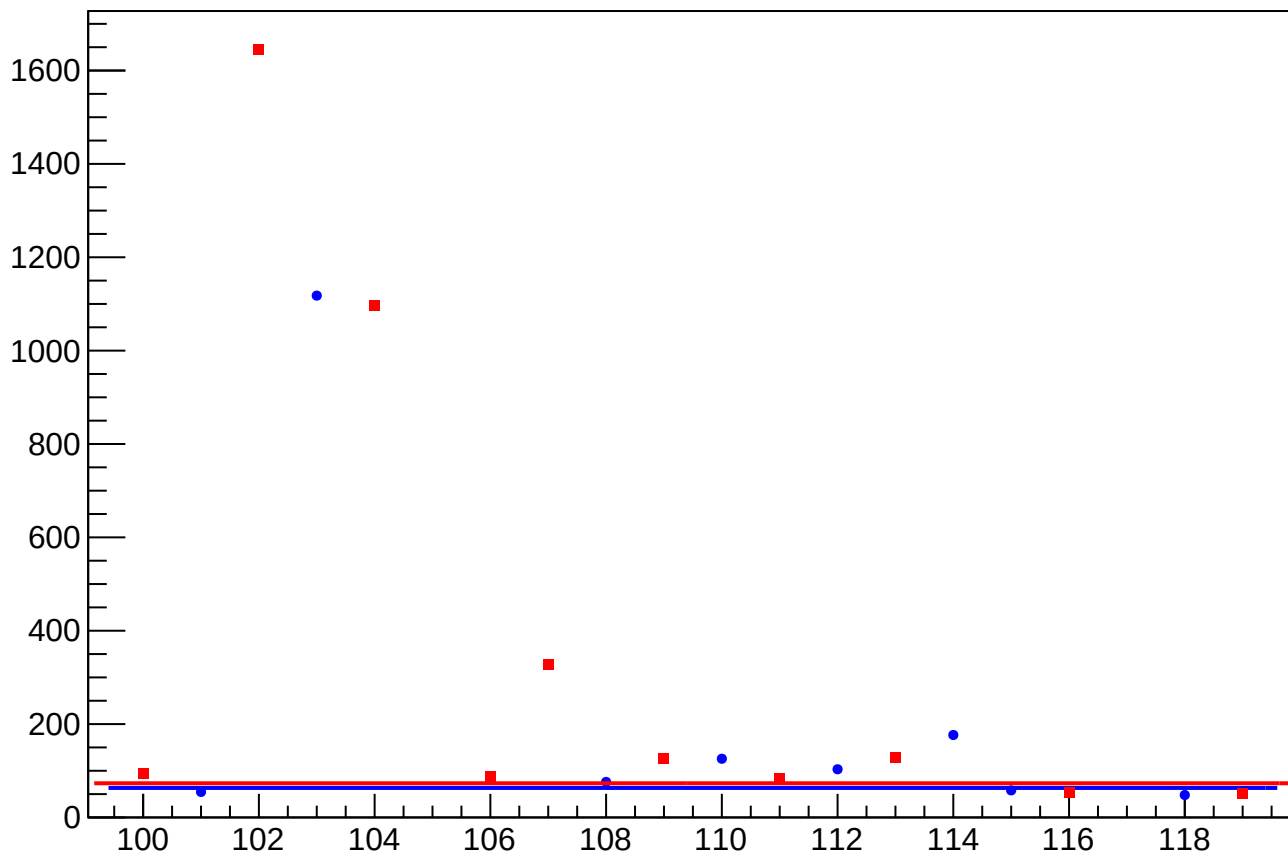
Right: 0.014 $\pm$ 0.033 χ^2 /NDF: 17.6/17

In: 0.056 $\pm$ 0.044 χ^2 /NDF:9.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.014 $\pm$ 0.033 χ^2 /NDF: 17.6/17

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.226+/-0.031 χ^2/NDF : 1588951.1/7

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

Right Out: 73.245+/-0.035 χ^2/NDF : 2518710.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

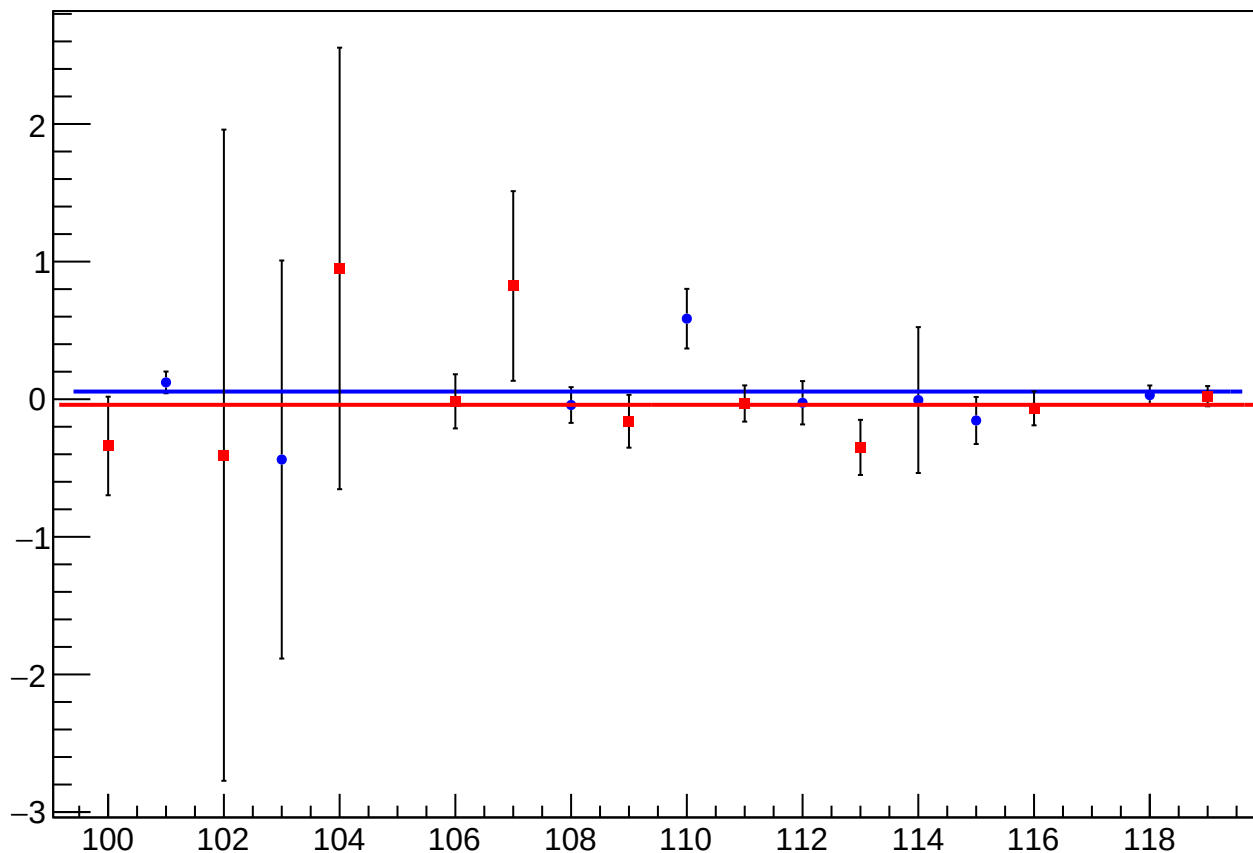
Right: 67.554+/-0.023 χ^2/NDF : 4152983.2/17

In: 63.226+/-0.031 χ^2/NDF : 1588951.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.554+/-0.023 χ^2/NDF : 4152983.2/17

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.044 χ^2/NDF : 9.3/7

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

Right Out: -0.041+/-0.050 χ^2/NDF : 6.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

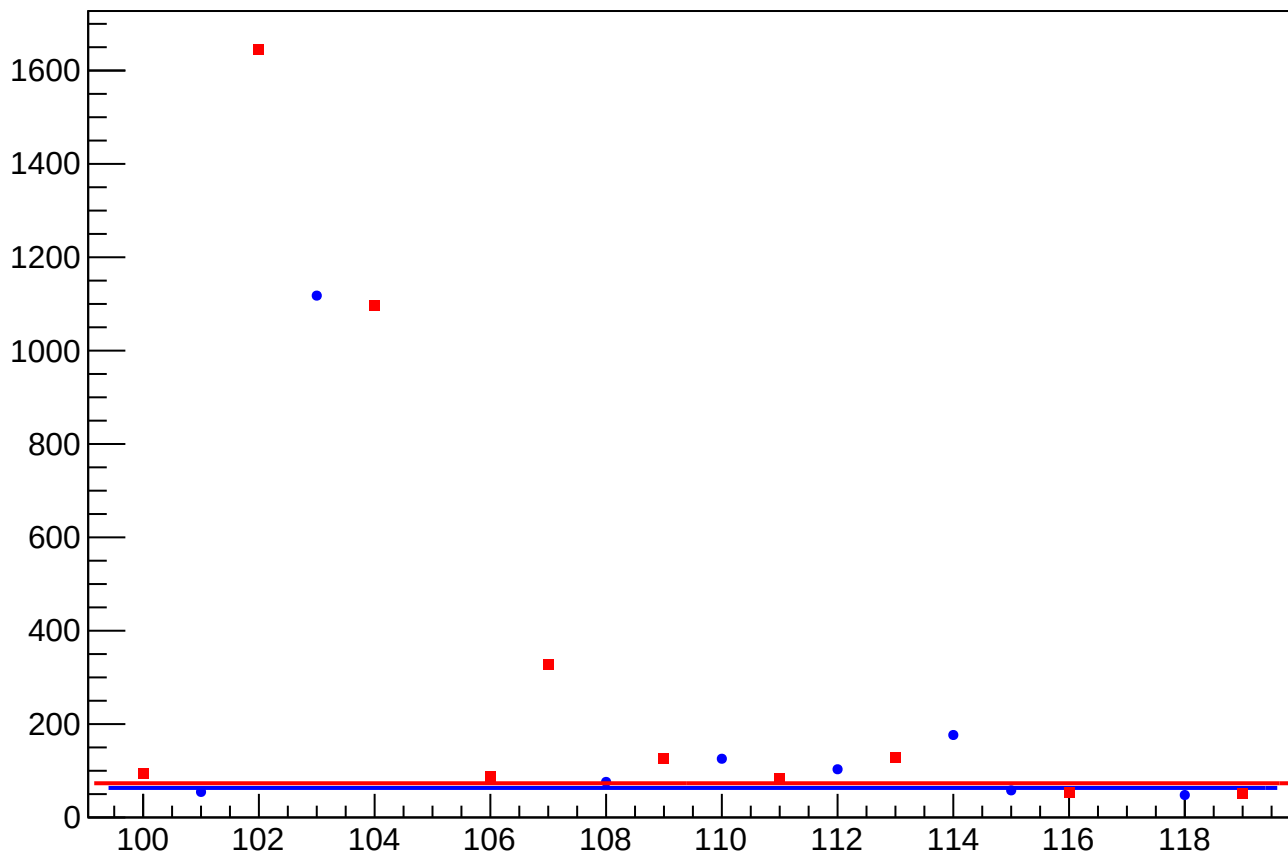
Right: 0.014+/-0.033 χ^2/NDF : 17.6/17

In: 0.056+/-0.044 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.033 χ^2/NDF : 17.6/17

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.226+/-0.031 χ^2/NDF : 1588951.1/7

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

Right Out: 73.245+/-0.035 χ^2/NDF : 2518710.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

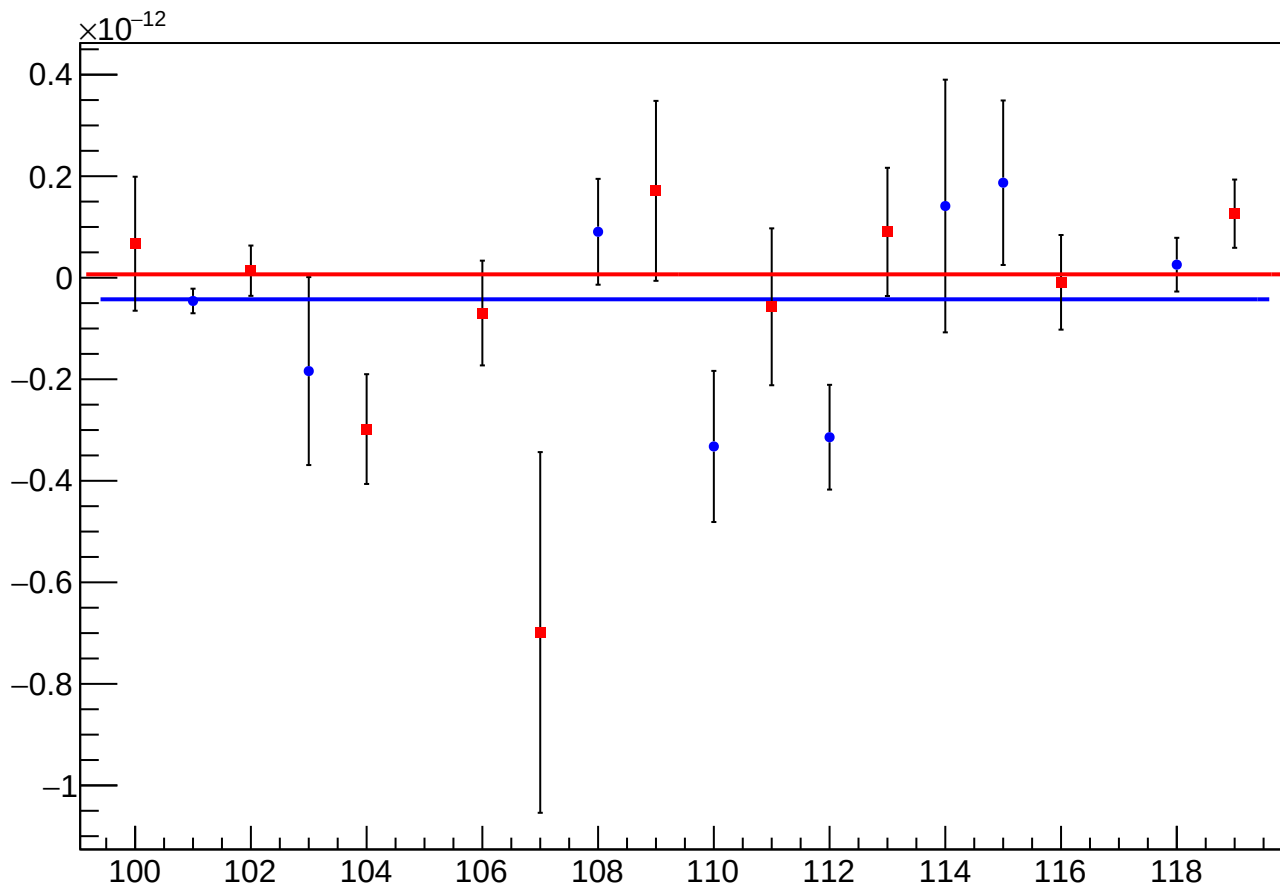
Right: 67.554+/-0.023 χ^2/NDF : 4152983.2/17

In: 63.226+/-0.031 χ^2/NDF :1588951.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.554+/-0.023 χ^2/NDF : 4152983.2/17

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

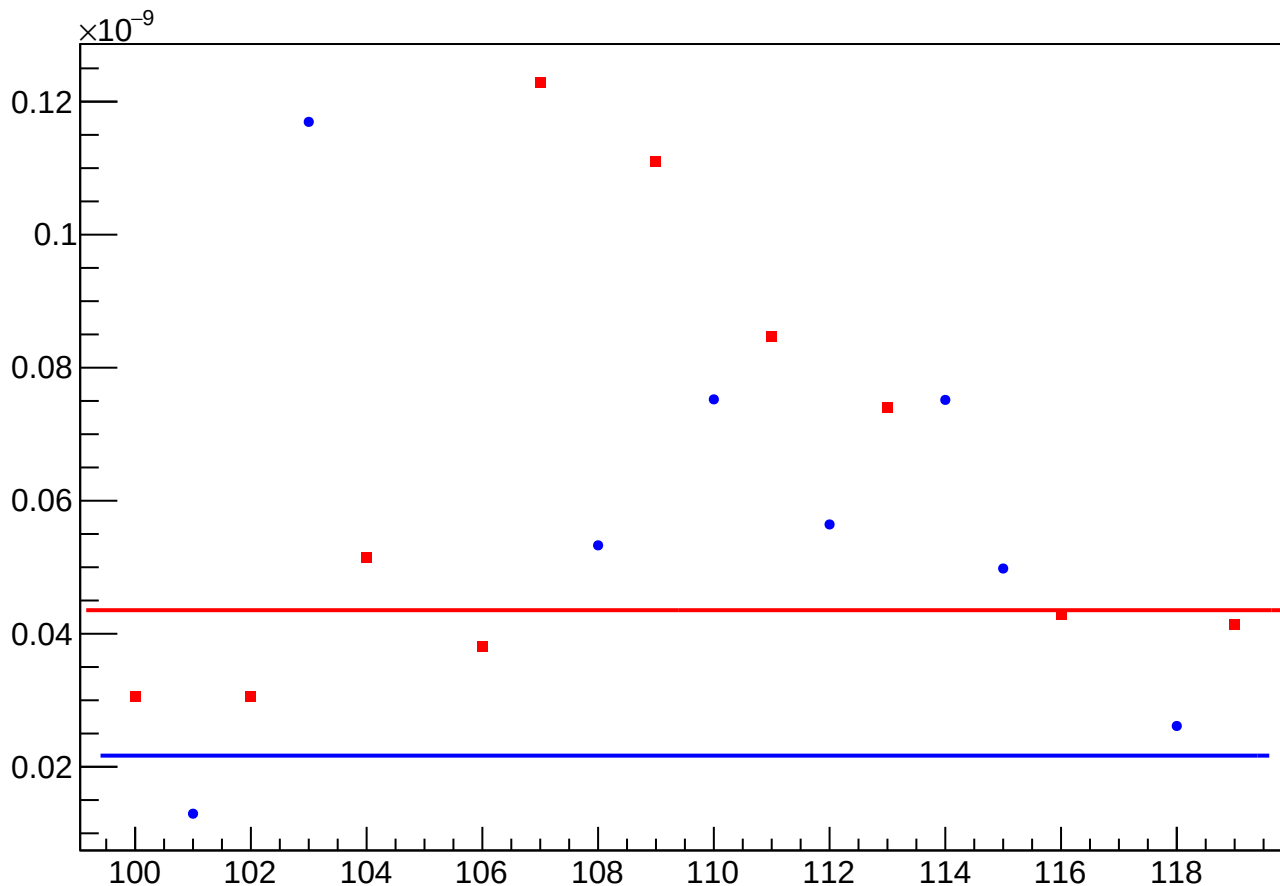
Right: -0.000+/-0.000 χ^2/NDF : 36.3/17

In: -0.000+/-0.000 χ^2/NDF : 17.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.3/17

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1626595.9/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 822590.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

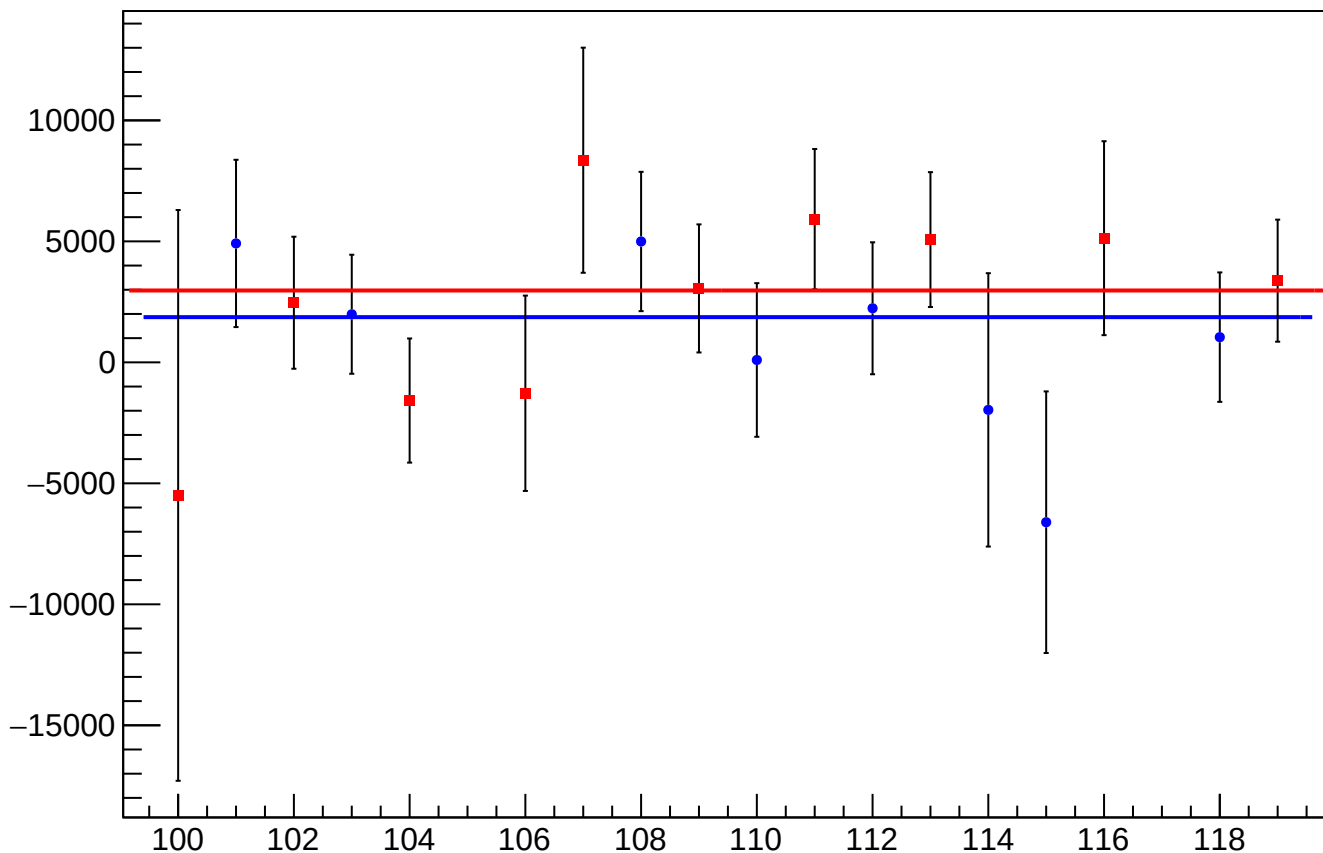
Right: 0.000+/-0.000 χ^2/NDF : 3179462.6/17

In: 0.000+/-0.000 χ^2/NDF : 1626595.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3179462.6/17

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1868.097+/-1112.026 χ^2/NDF : 5.3/7

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

Right Out: 2969.959+/-994.504 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

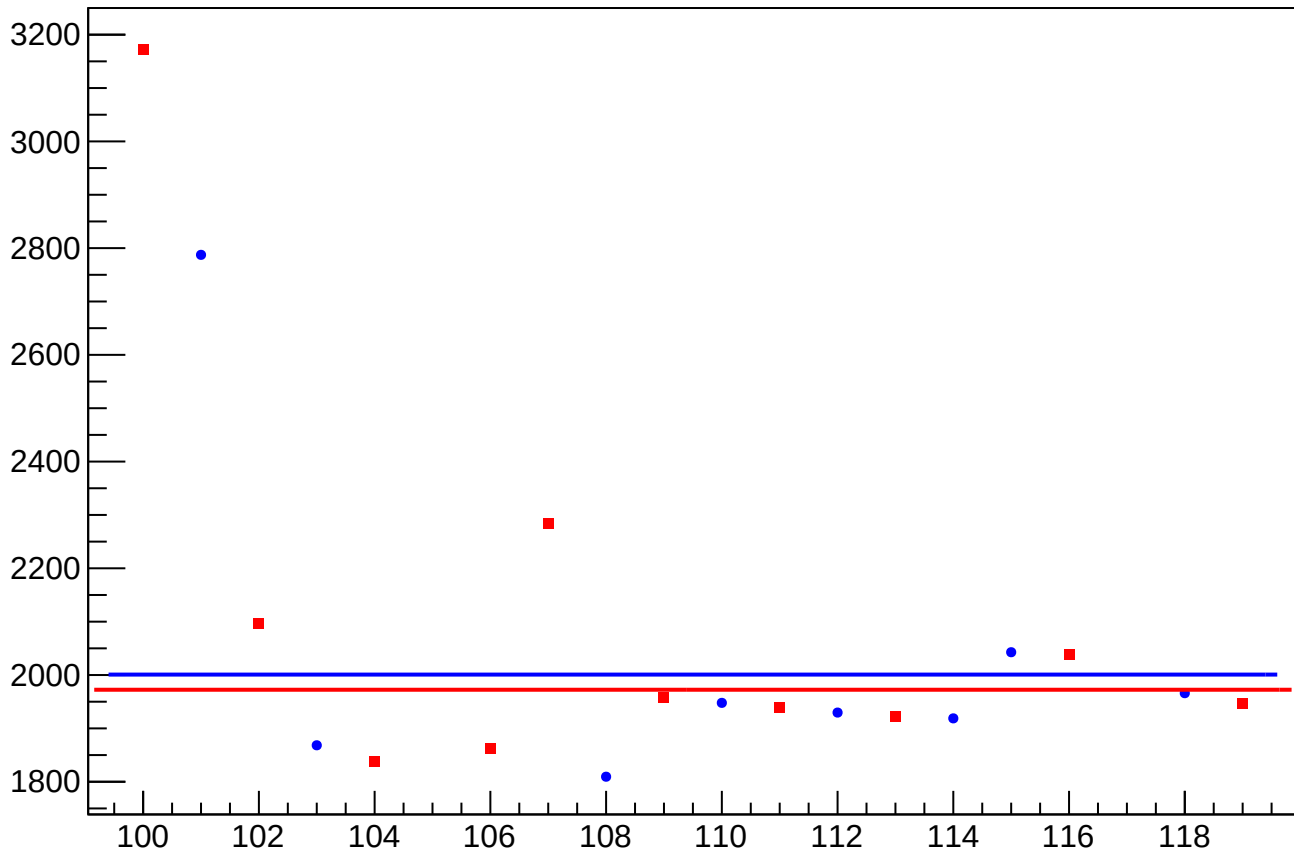
Right: 2480.310+/-741.300 χ^2/NDF : 13.9/17

In: 1868.097+/-1112.026 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2480.310+/-741.300 χ^2/NDF : 13.9/17

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2000.827+/-0.786 χ^2/NDF : 120997.4/7

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

Right Out: 1972.421+/-0.703 χ^2/NDF : 42479.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

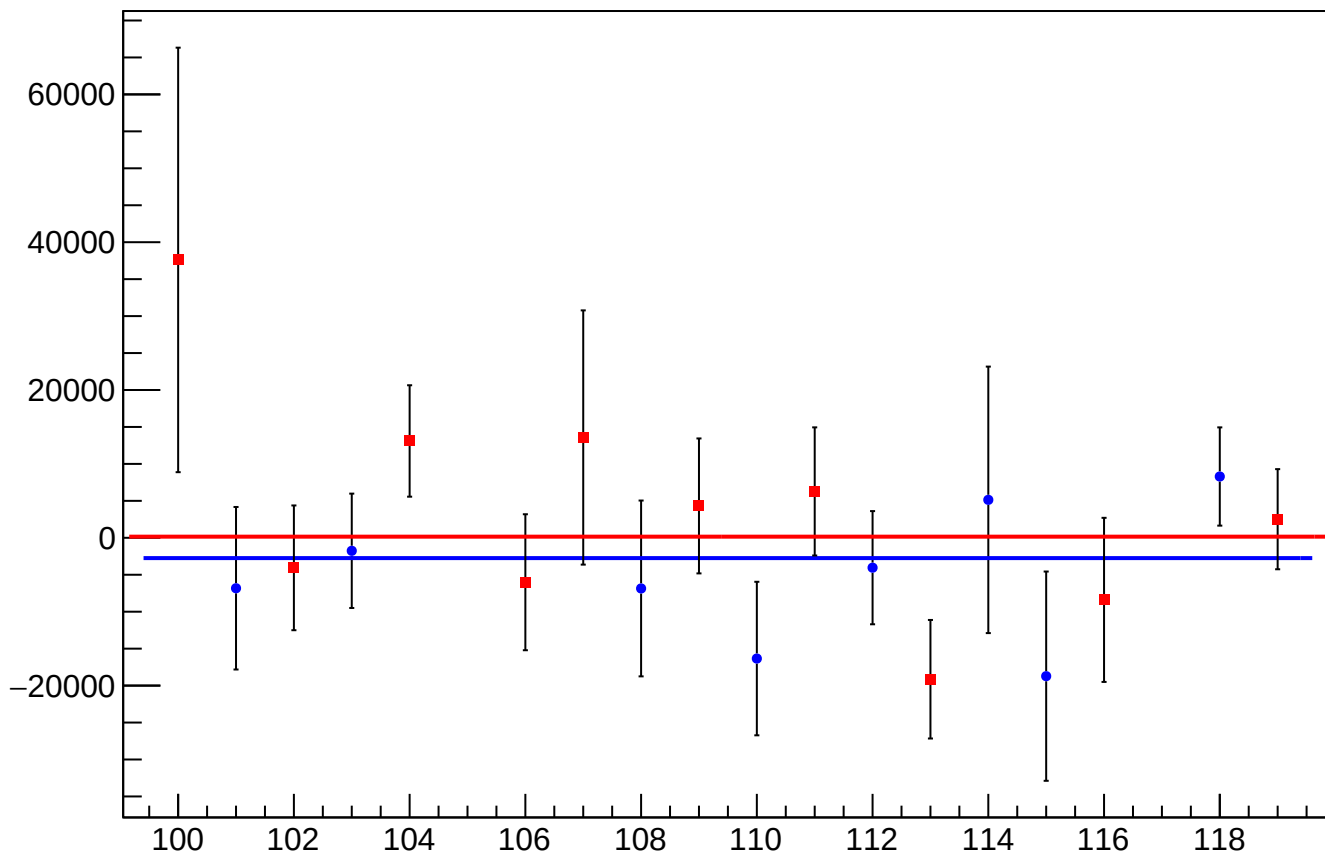
Right: 1985.044+/-0.524 χ^2/NDF : 164202.3/17

In: 2000.827+/-0.786 χ^2/NDF : 120997.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.044+/-0.524 χ^2/NDF : 164202.3/17

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2746.988+/-3351.018 χ^2/NDF : 6.2/7

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

Right Out: 154.373+/-2901.575 χ^2/NDF : 13.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

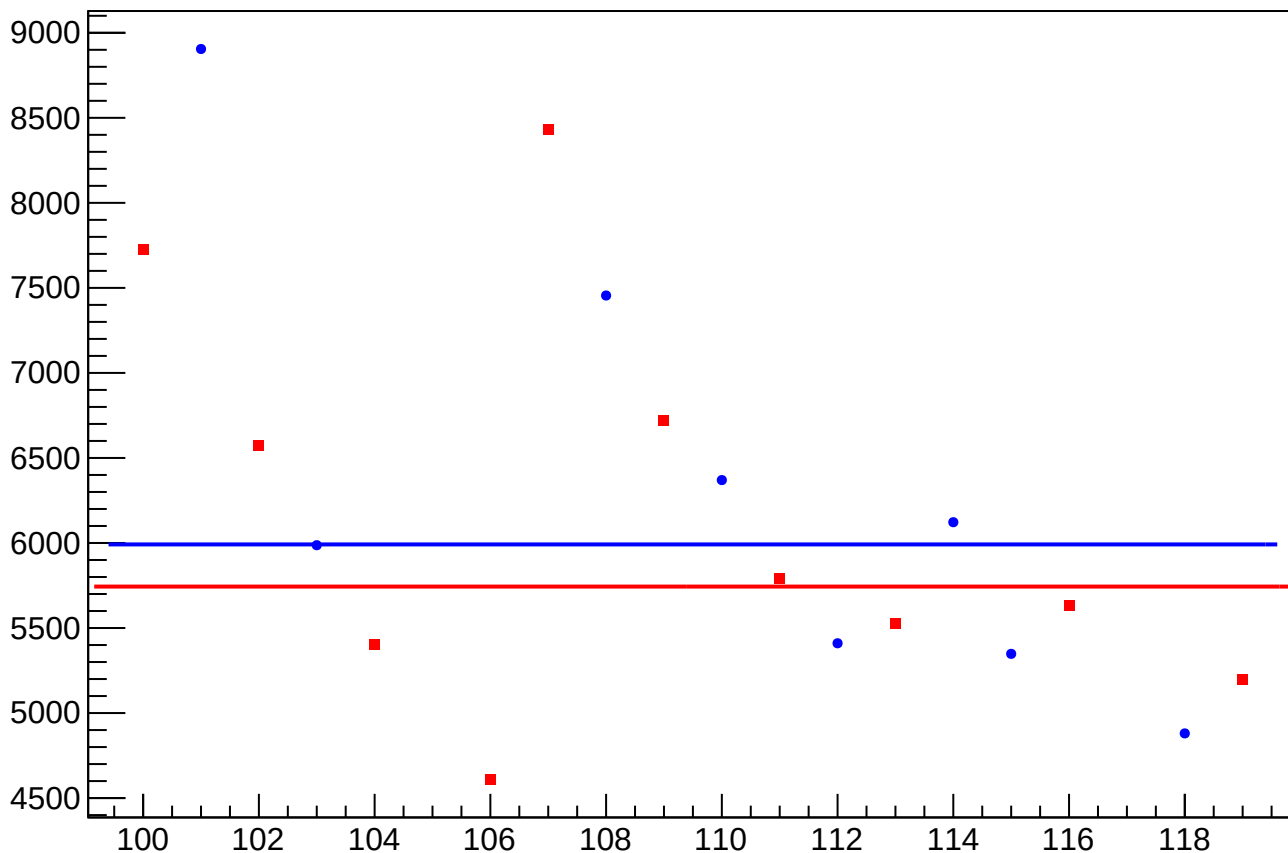
Right: -1088.826+/-2193.544 χ^2/NDF : 19.8/17

In: -2746.988+/-3351.018 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1088.826+/-2193.544 χ^2/NDF : 19.8/17

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5991.539+/-2.370 χ^2/NDF : 244955.9/7

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

Right Out: 5743.668+/-2.052 χ^2/NDF : 149916.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

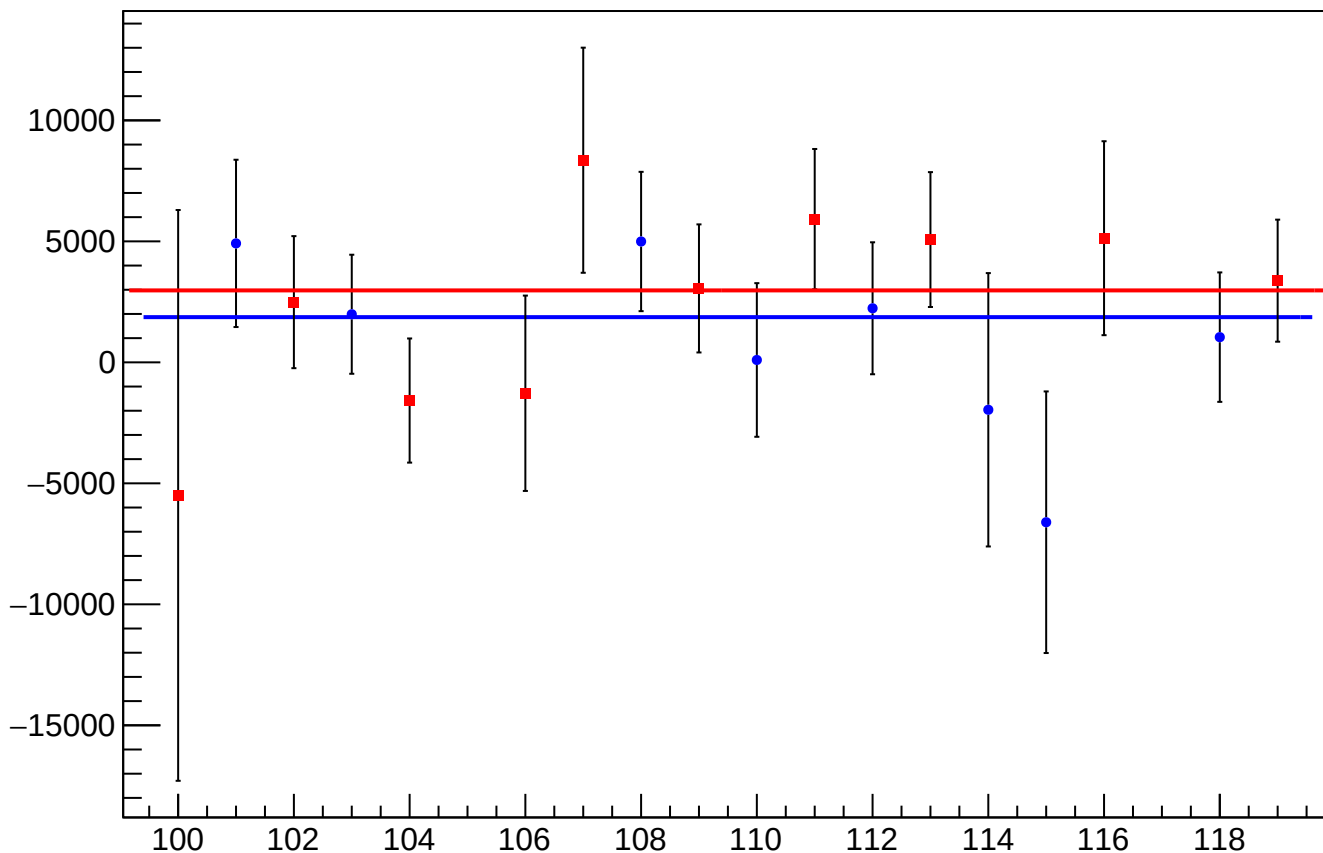
Right: 5849.878+/-1.551 χ^2/NDF : 401126.7/17

In: 5991.539+/-2.370 χ^2/NDF : 244955.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5849.878+/-1.551 χ^2/NDF : 401126.7/17

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1868.361+/-1112.026 χ^2/NDF : 5.3/7

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

Right Out: 2973.172+/-994.521 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

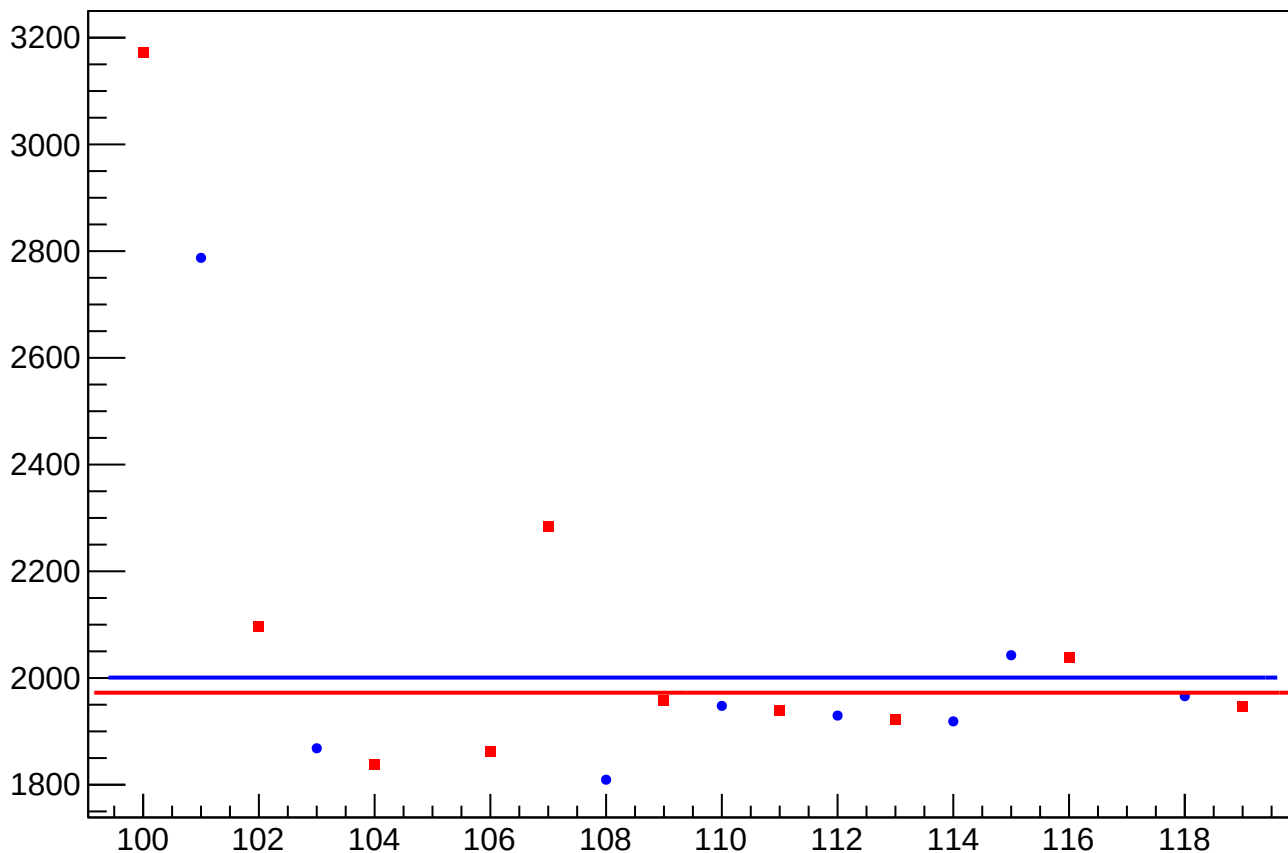
Right: 2482.202+/-741.307 χ^2/NDF : 13.9/17

In: 1868.361+/-1112.026 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2482.202+/-741.307 χ^2/NDF : 13.9/17

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2000.827+/-0.786 χ^2/NDF : 120997.1/7

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

Right Out: 1972.457+/-0.703 χ^2/NDF : 42498.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

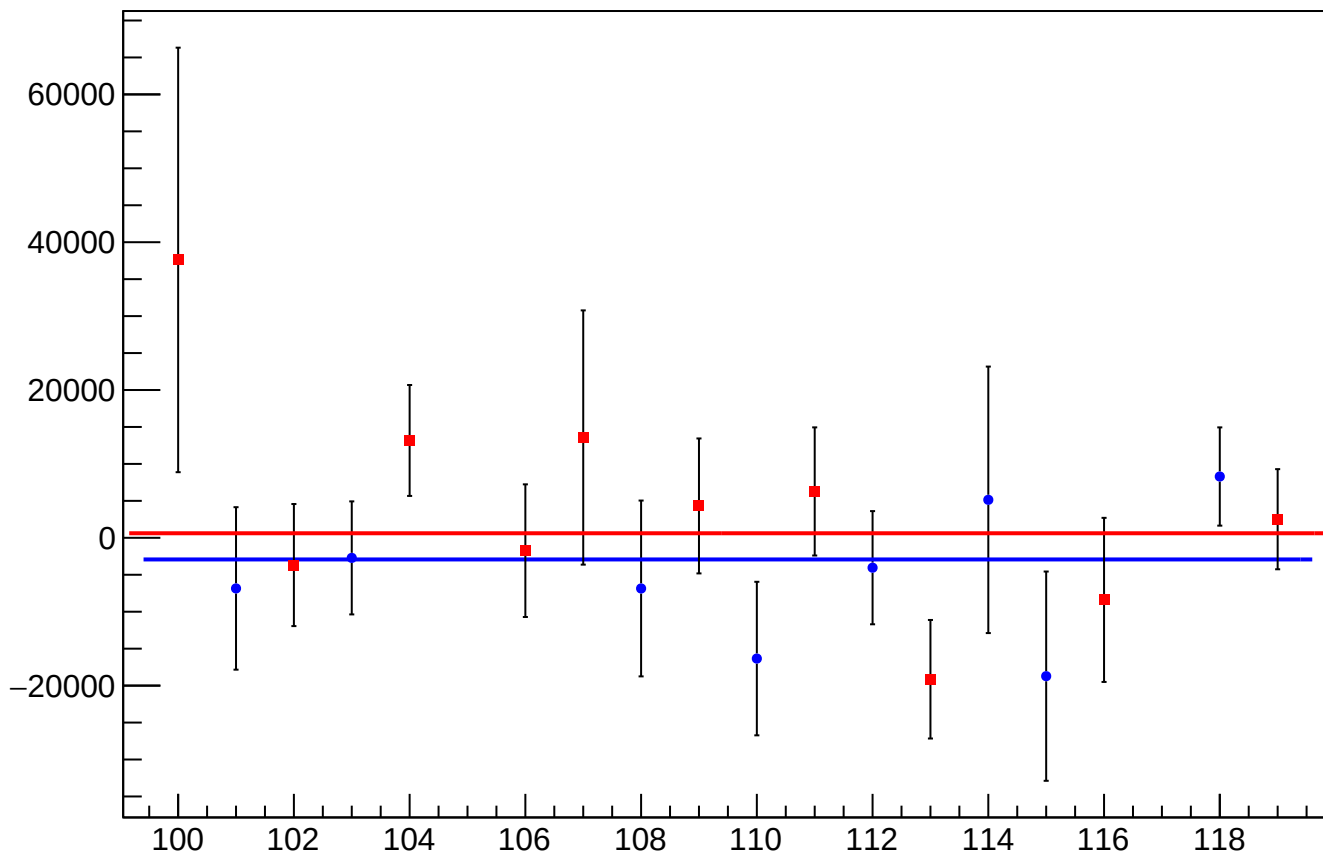
Right: 1985.064+/-0.524 χ^2/NDF : 164219.1/17

In: 2000.827+/-0.786 χ^2/NDF : 120997.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.064+/-0.524 χ^2/NDF : 164219.1/17

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2927.649+/-3343.547 χ^2/NDF : 6.2/7

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

Right Out: 616.501+/-2884.825 χ^2/NDF : 12.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

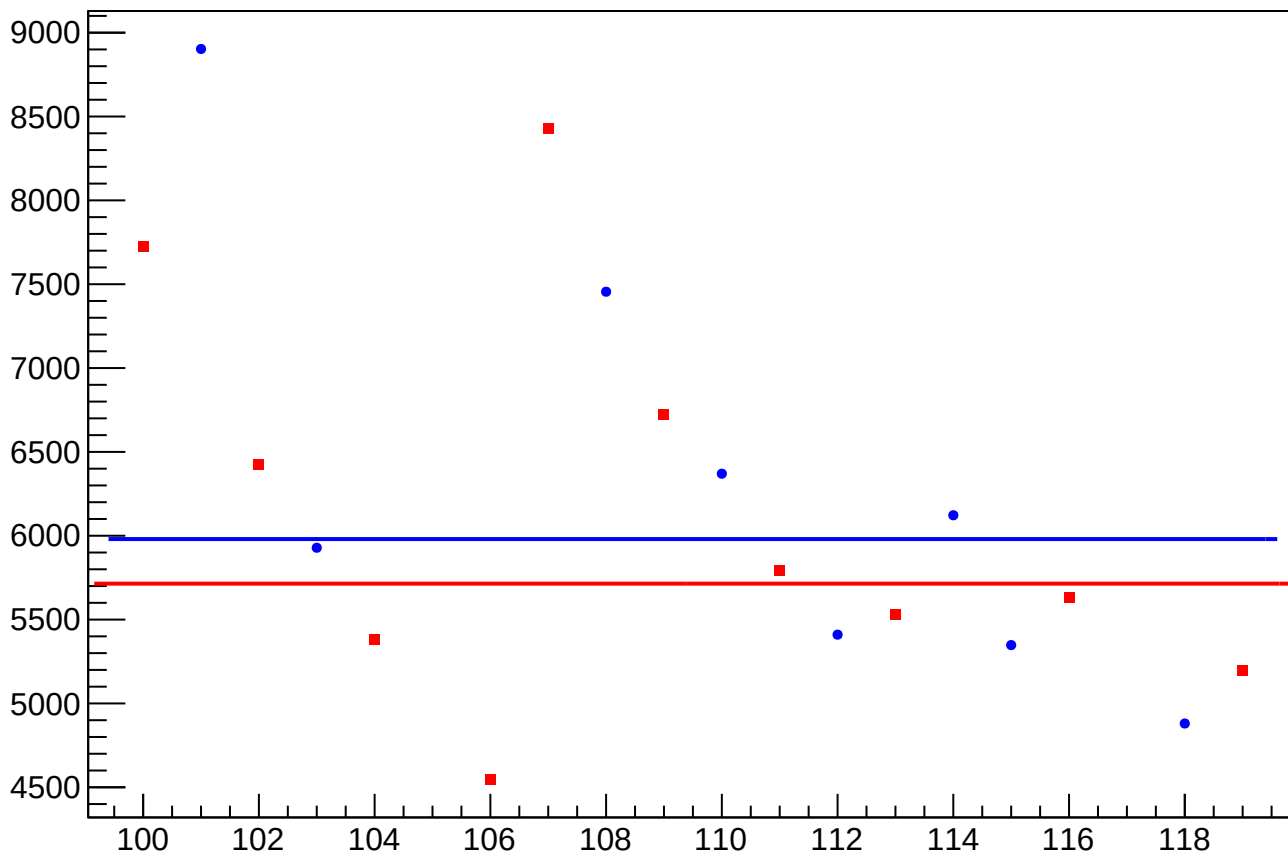
Right: -895.955+/-2184.201 χ^2/NDF : 19.6/17

In: -2927.649+/-3343.547 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -895.955+/-2184.201 χ^2/NDF : 19.6/17

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5980.249+/-2.364 χ^2/NDF : 244942.0/7

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

Right Out: 5714.445+/-2.040 χ^2/NDF : 149765.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

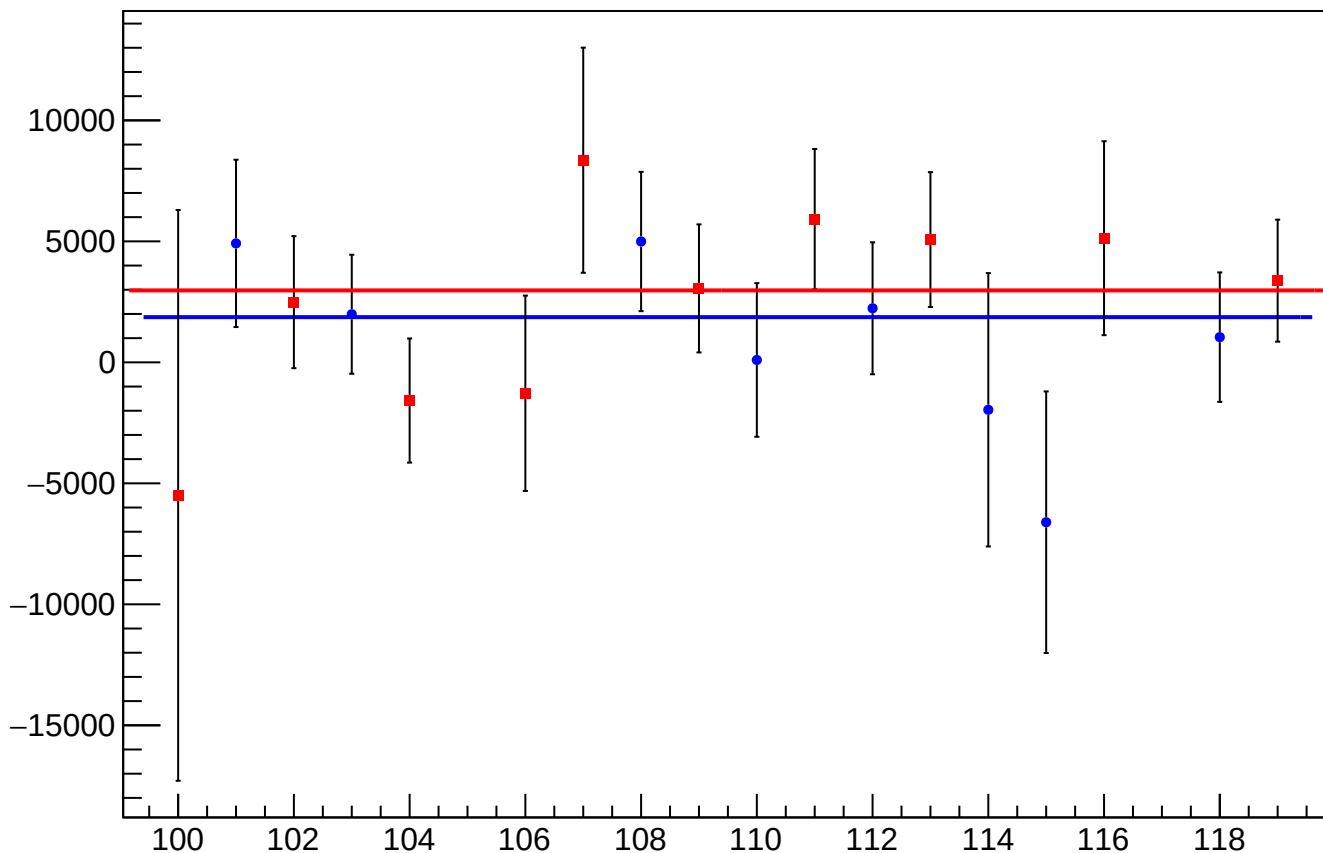
Right: 5827.876+/-1.544 χ^2/NDF : 401952.8/17

In: 5980.249+/-2.364 χ^2/NDF : 244942.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5827.876+/-1.544 χ^2/NDF : 401952.8/17

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1868.361+/-1112.026 χ^2/NDF : 5.3/7

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

Right Out: 2973.172+/-994.521 χ^2/NDF : 8.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

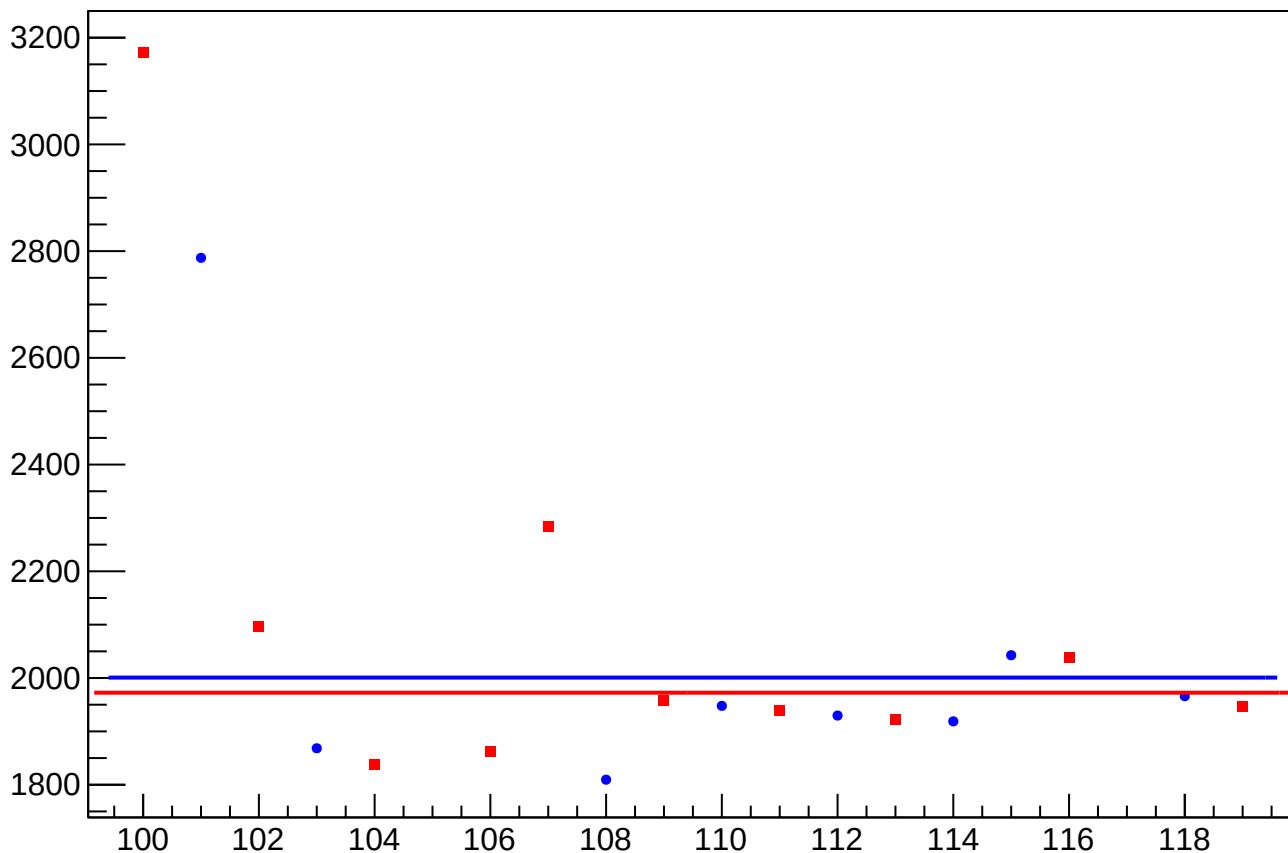
Right: 2482.202+/-741.307 χ^2/NDF : 13.9/17

In: 1868.361+/-1112.026 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2482.202+/-741.307 χ^2/NDF : 13.9/17

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2000.827+/-0.786 χ^2/NDF : 120997.1/7

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

Right Out: 1972.457+/-0.703 χ^2/NDF : 42498.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

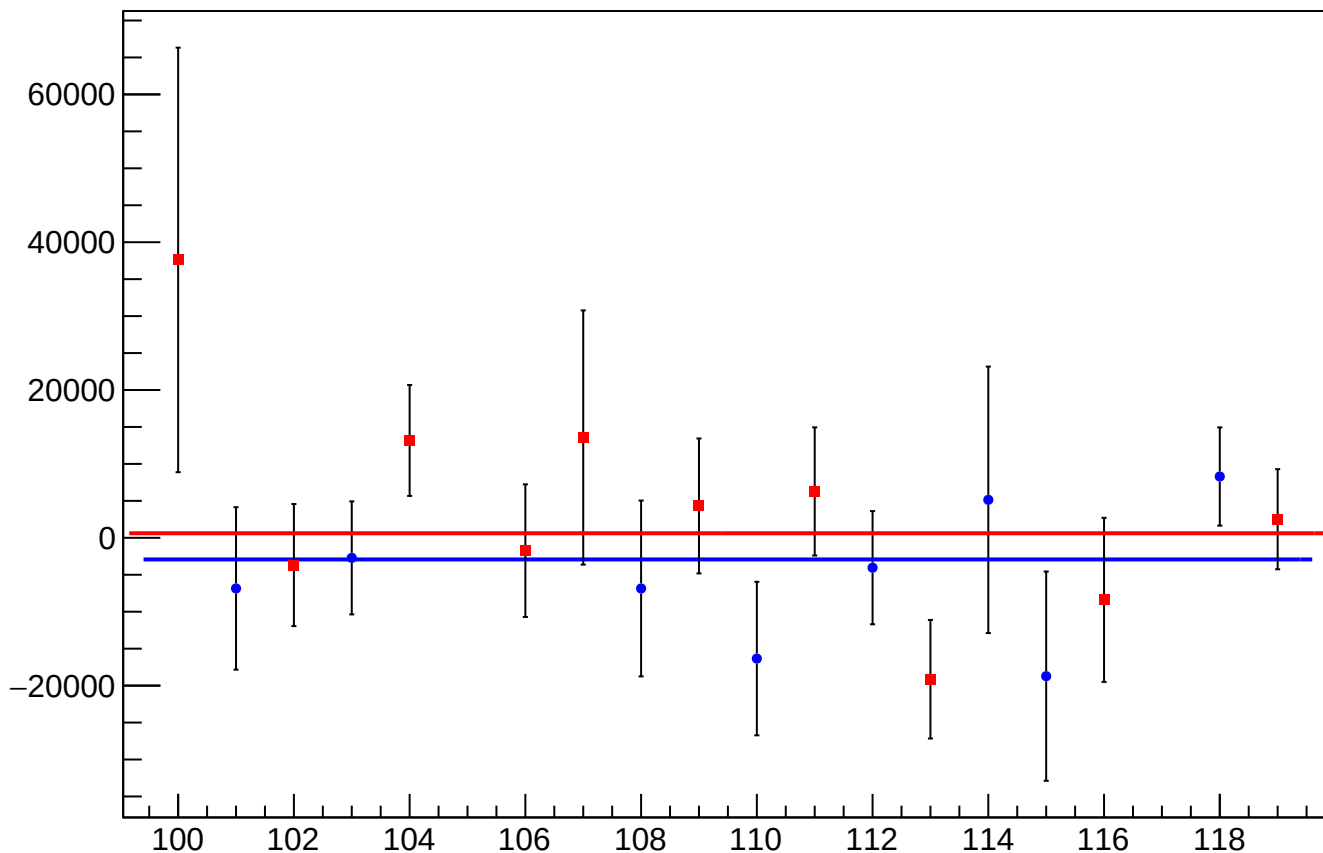
Right: 1985.064+/-0.524 χ^2/NDF : 164219.1/17

In: 2000.827+/-0.786 χ^2/NDF : 120997.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.064+/-0.524 χ^2/NDF : 164219.1/17

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2927.649+/-3343.547 χ^2 /NDF: 6.2/7

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

Right Out: 616.501+/-2884.825 χ^2 /NDF: 12.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

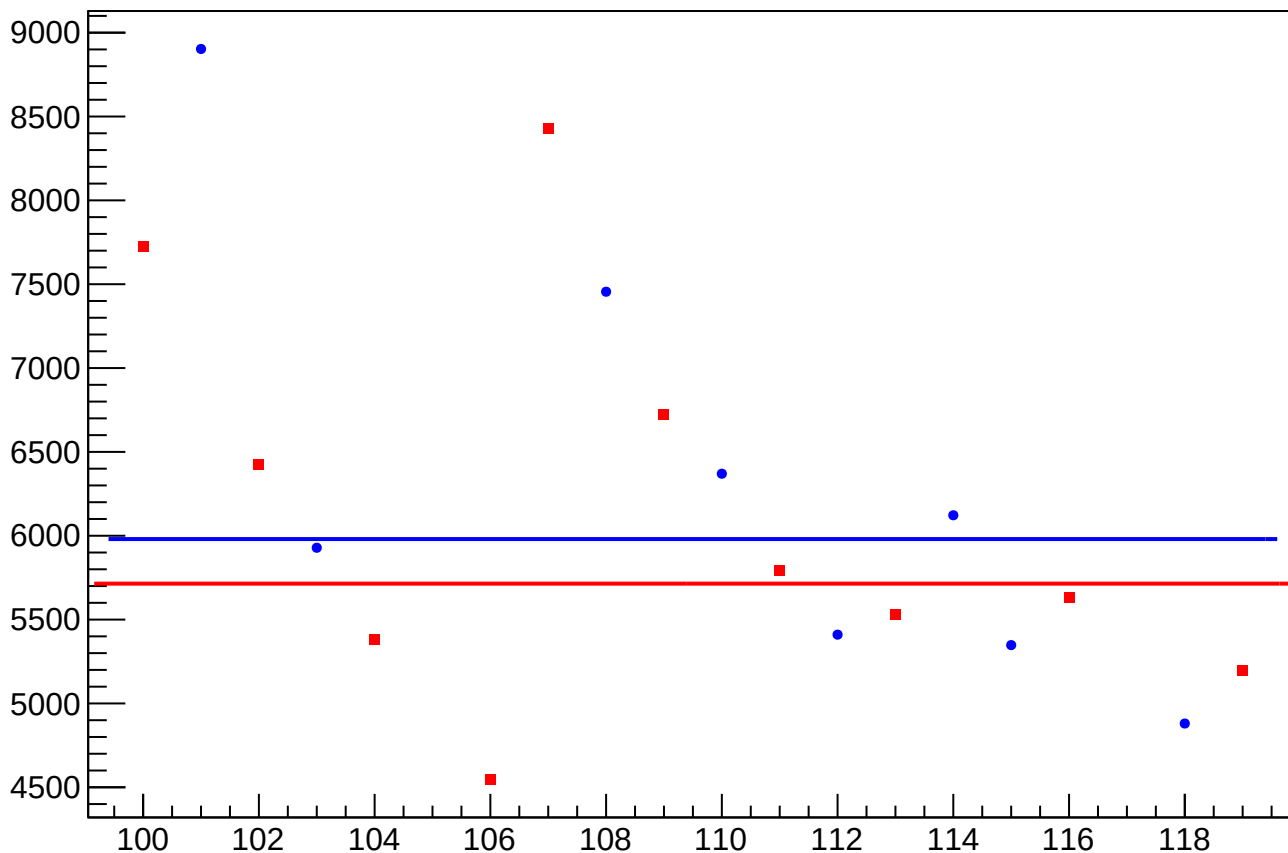
Right: -895.955+/-2184.201 χ^2 /NDF: 19.6/17

In: -2927.649+/-3343.547 χ^2 /NDF:6.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -895.955+/-2184.201 χ^2 /NDF: 19.6/17

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5980.249+/-2.364 χ^2/NDF : 244942.0/7

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

Right Out: 5714.445+/-2.040 χ^2/NDF : 149765.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

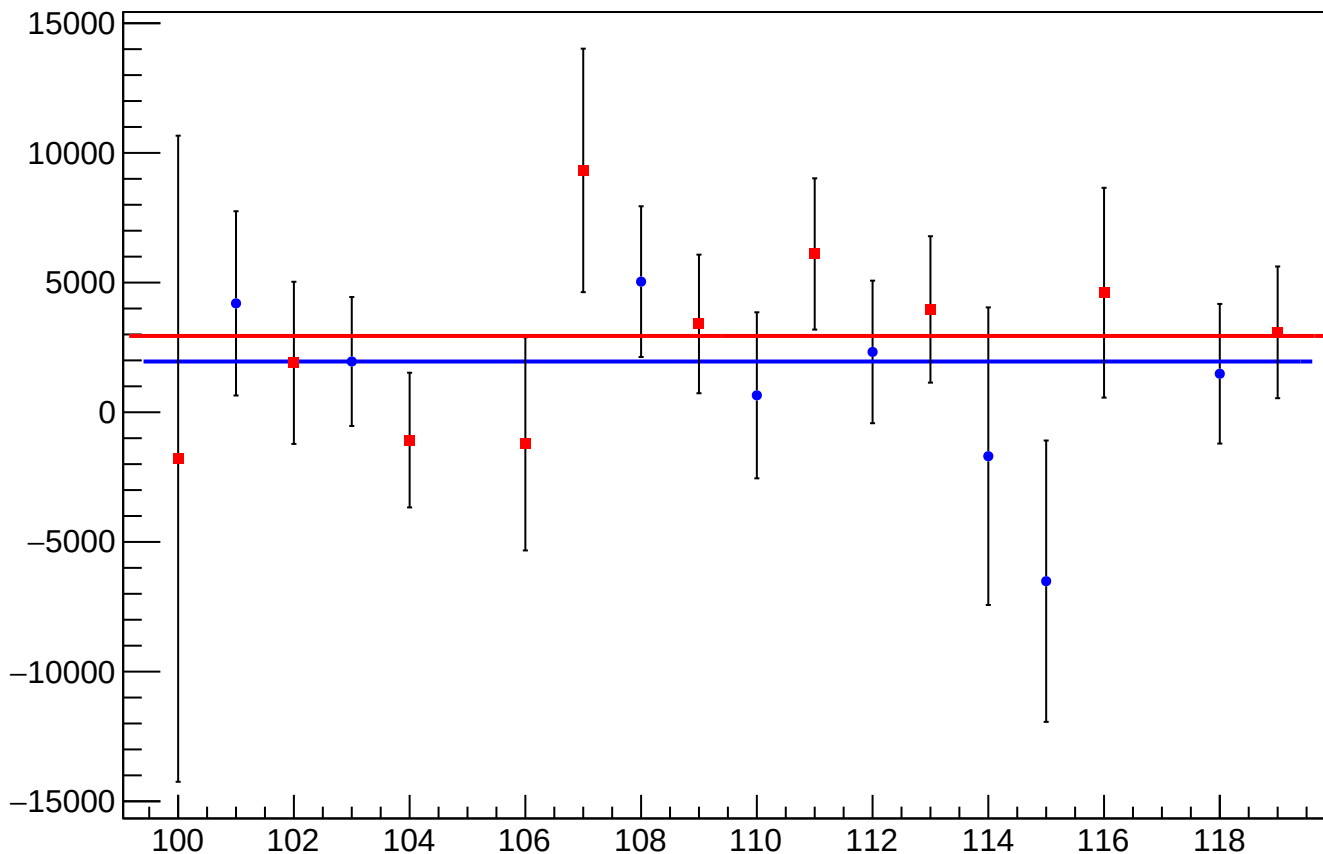
Right: 5827.876+/-1.544 χ^2/NDF : 401952.8/17

In: 5980.249+/-2.364 χ^2/NDF : 244942.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5827.876+/-1.544 χ^2/NDF : 401952.8/17

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1956.746+/-1123.787 χ^2/NDF : 4.6/7

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

Right Out: 2942.057+/-1020.097 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

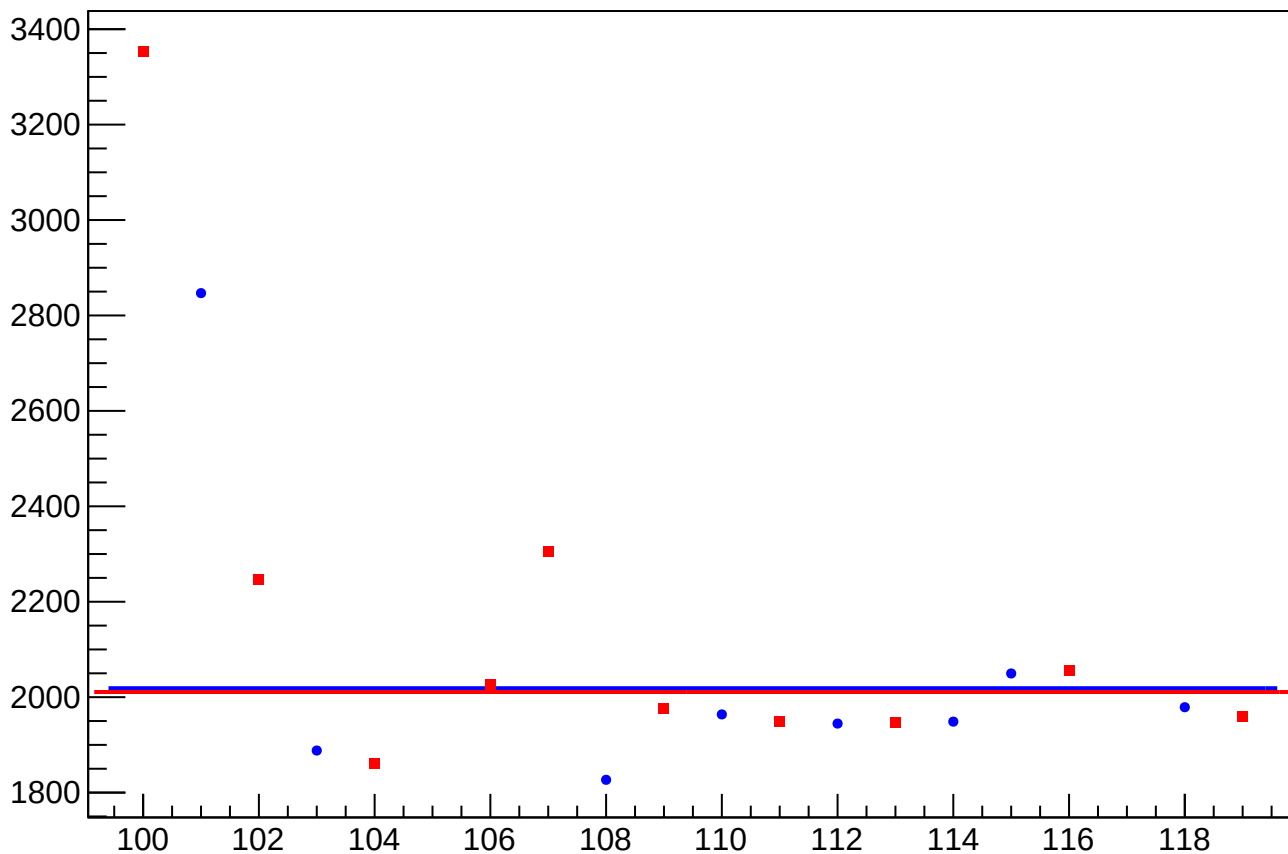
Right: 2496.945+/-755.321 χ^2/NDF : 12.0/17

In: 1956.746+/-1123.787 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2496.945+/-755.321 χ^2/NDF : 12.0/17

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2018.786+/-0.795 χ^2/NDF : 125763.6/7

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

Right Out: 2010.841+/-0.719 χ^2/NDF : 52459.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

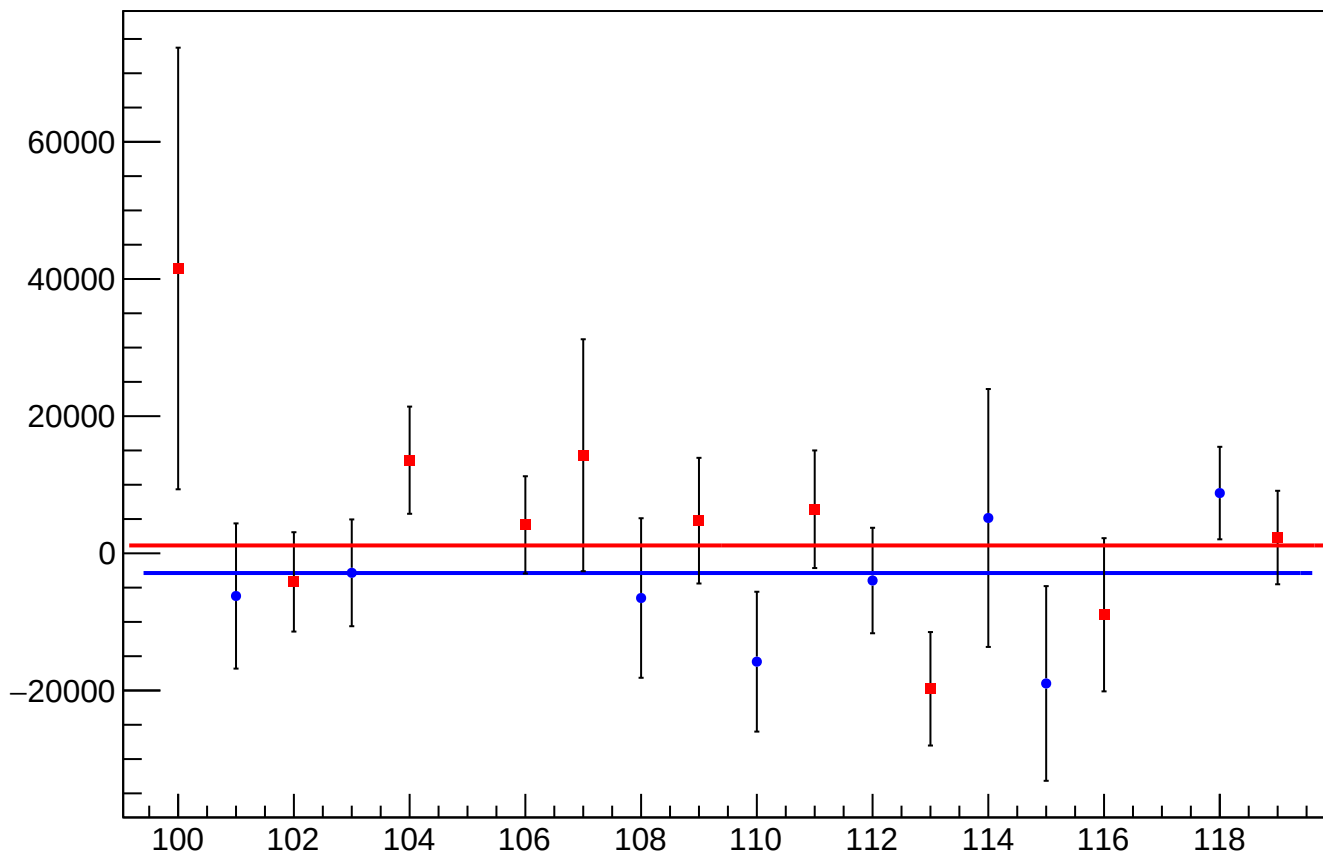
Right: 2014.419+/-0.533 χ^2/NDF : 178277.5/17

In: 2018.786+/-0.795 χ^2/NDF : 125763.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2014.419+/-0.533 χ^2/NDF : 178277.5/17

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2872.212+/-3349.965 χ^2/NDF : 6.3/7

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

Right Out: 1149.568+/-2779.646 χ^2/NDF : 13.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

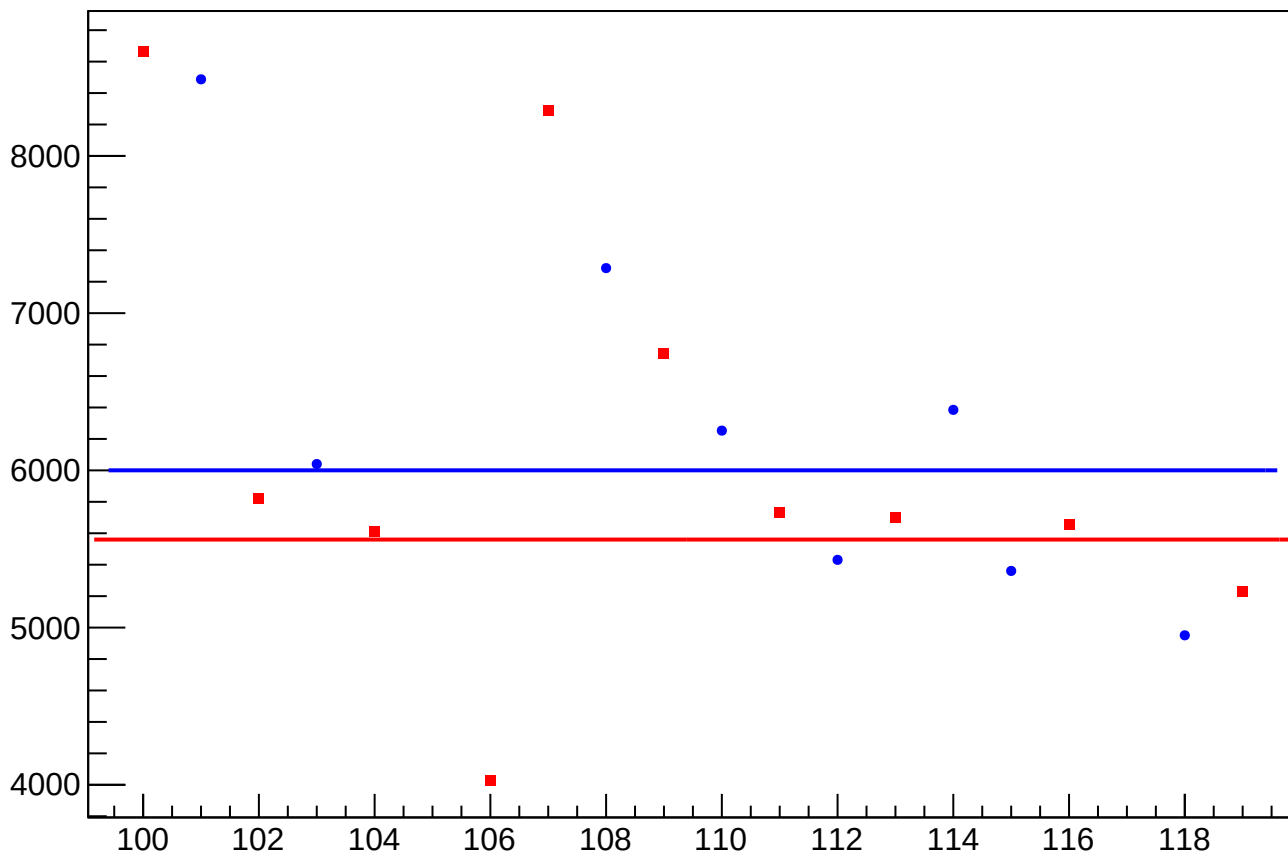
Right: -490.334+/-2139.144 χ^2/NDF : 20.3/17

In: -2872.212+/-3349.965 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -490.334+/-2139.144 χ^2/NDF : 20.3/17

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6000.265+/-2.369 χ^2/NDF : 200398.7/7

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

Right Out: 5559.970+/-1.966 χ^2/NDF : 205994.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

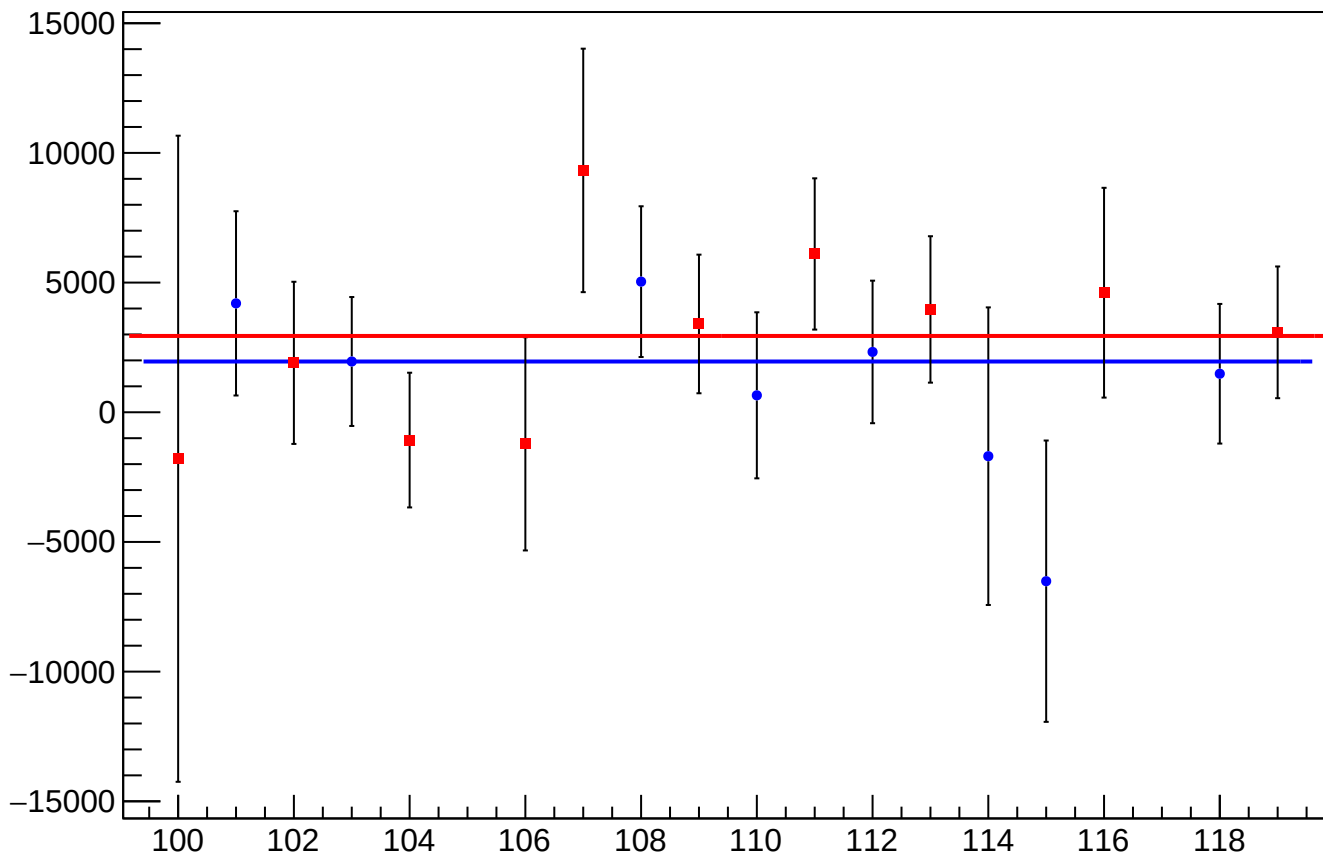
Right: 5739.503+/-1.513 χ^2/NDF : 426854.4/17

In: 6000.265+/-2.369 χ^2/NDF : 200398.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5739.503+/-1.513 χ^2/NDF : 426854.4/17

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1956.760+/-1123.787 χ^2/NDF : 4.6/7

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

Right Out: 2942.073+/-1020.097 χ^2/NDF : 7.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

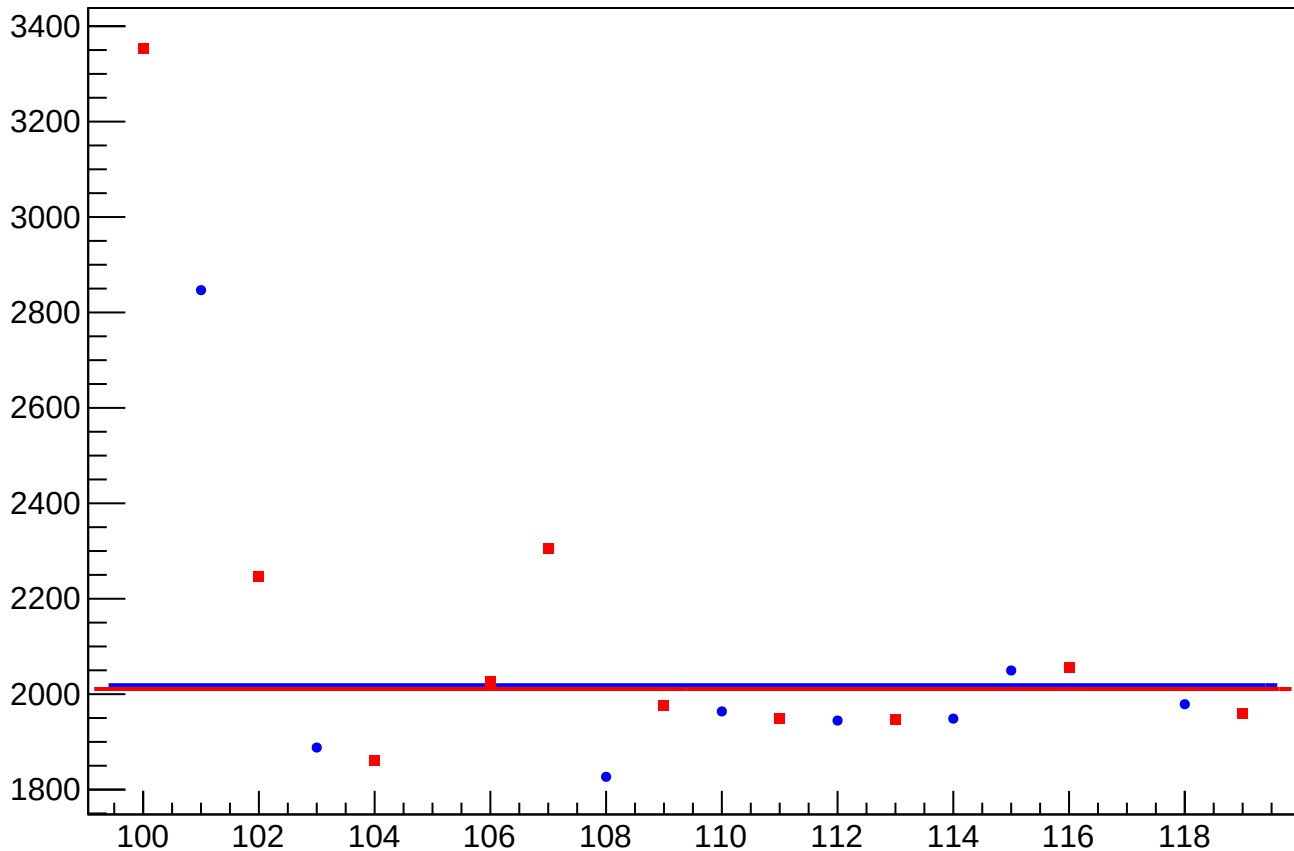
Right: 2496.960+/-755.321 χ^2/NDF : 12.0/17

In: 1956.760+/-1123.787 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.960+/-755.321 χ^2/NDF : 12.0/17

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2018.786+/-0.795 χ^2/NDF : 125763.2/7

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

Right Out: 2010.840+/-0.719 χ^2/NDF : 52459.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

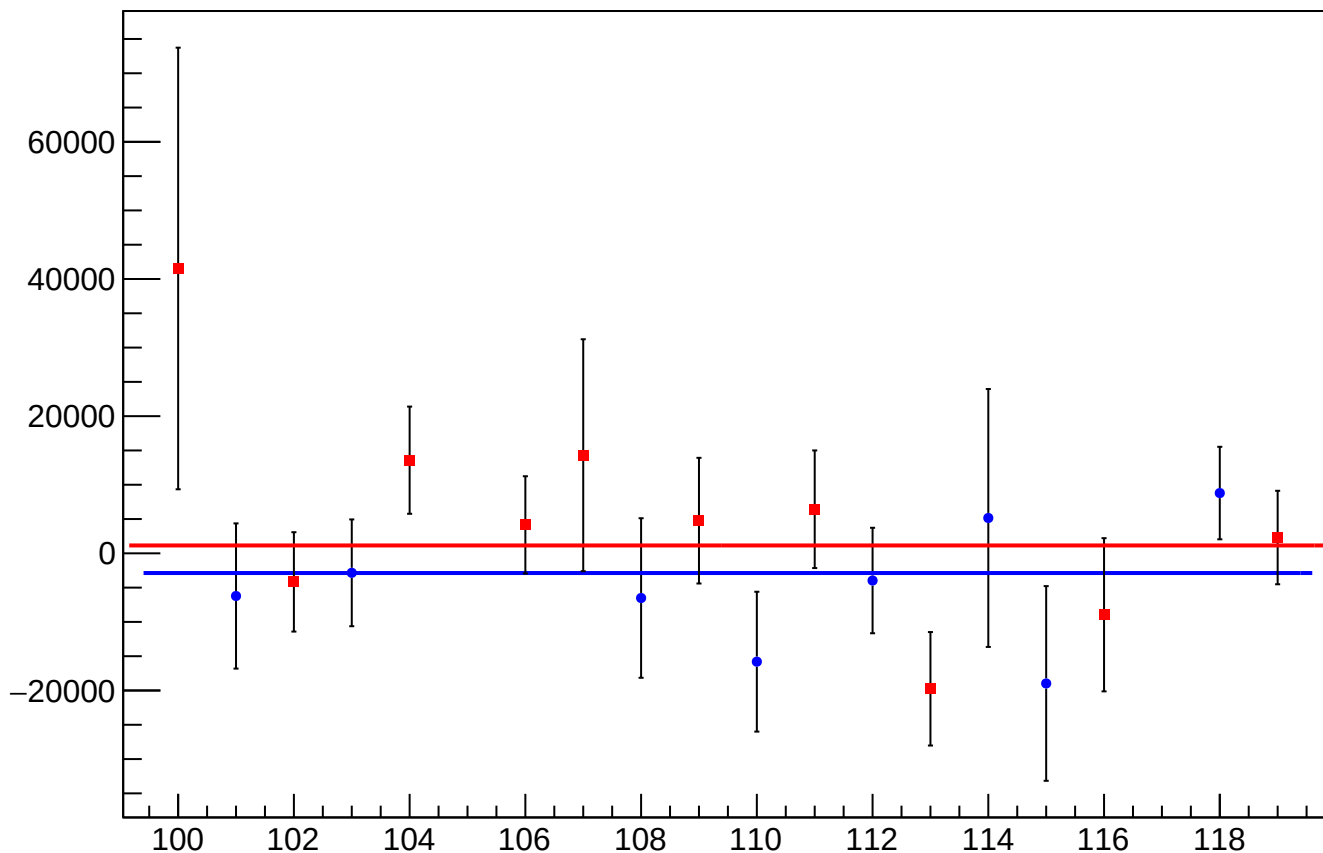
Right: 2014.419+/-0.533 χ^2/NDF : 178277.2/17

In: 2018.786+/-0.795 χ^2/NDF : 125763.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2014.419+/-0.533 χ^2/NDF : 178277.2/17

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2872.190+/-3349.953 χ^2/NDF : 6.3/7

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

Right Out: 1149.571+/-2779.638 χ^2/NDF : 13.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

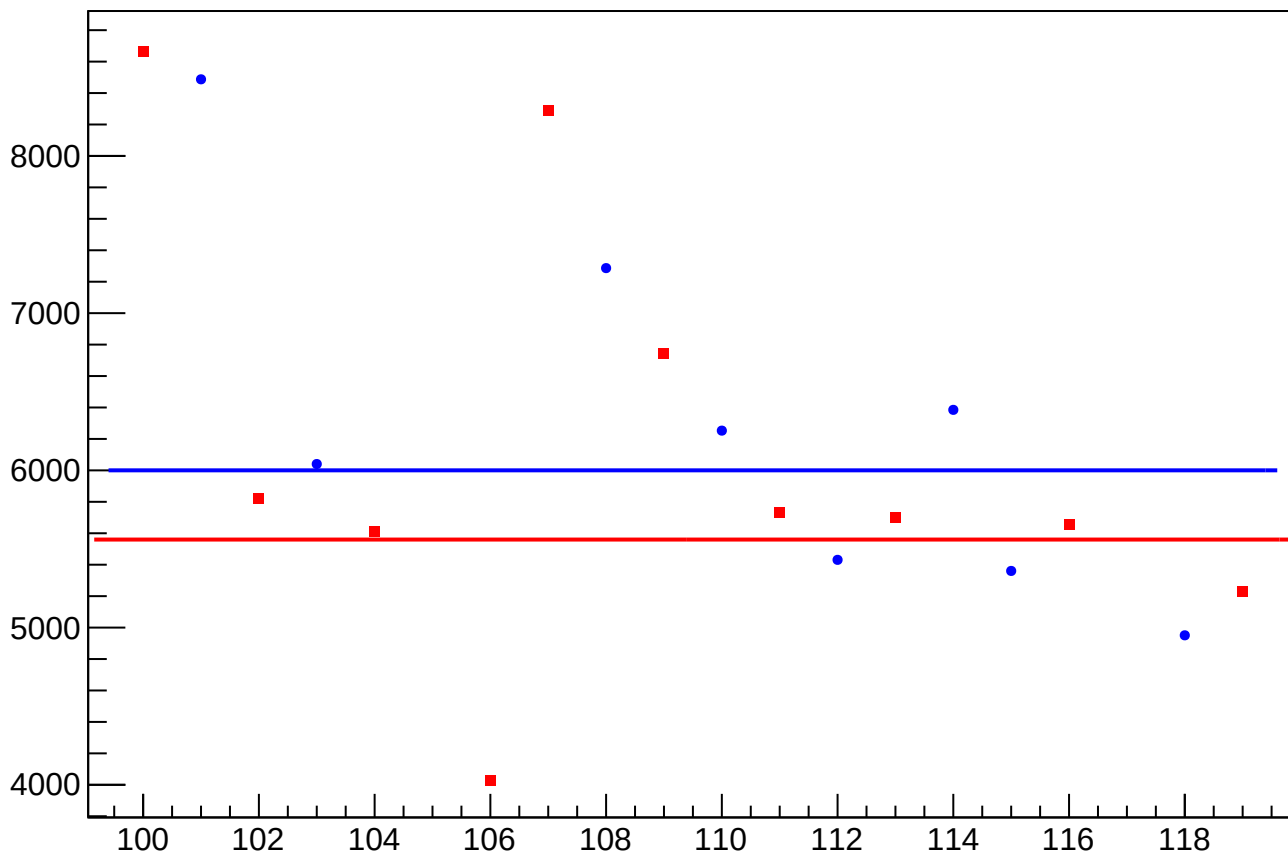
Right: -490.324+/-2139.137 χ^2/NDF : 20.3/17

In: -2872.190+/-3349.953 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -490.324+/-2139.137 χ^2/NDF : 20.3/17

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6000.244+/-2.369 χ^2/NDF : 200401.4/7

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

Right Out: 5559.953+/-1.966 χ^2/NDF : 205995.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

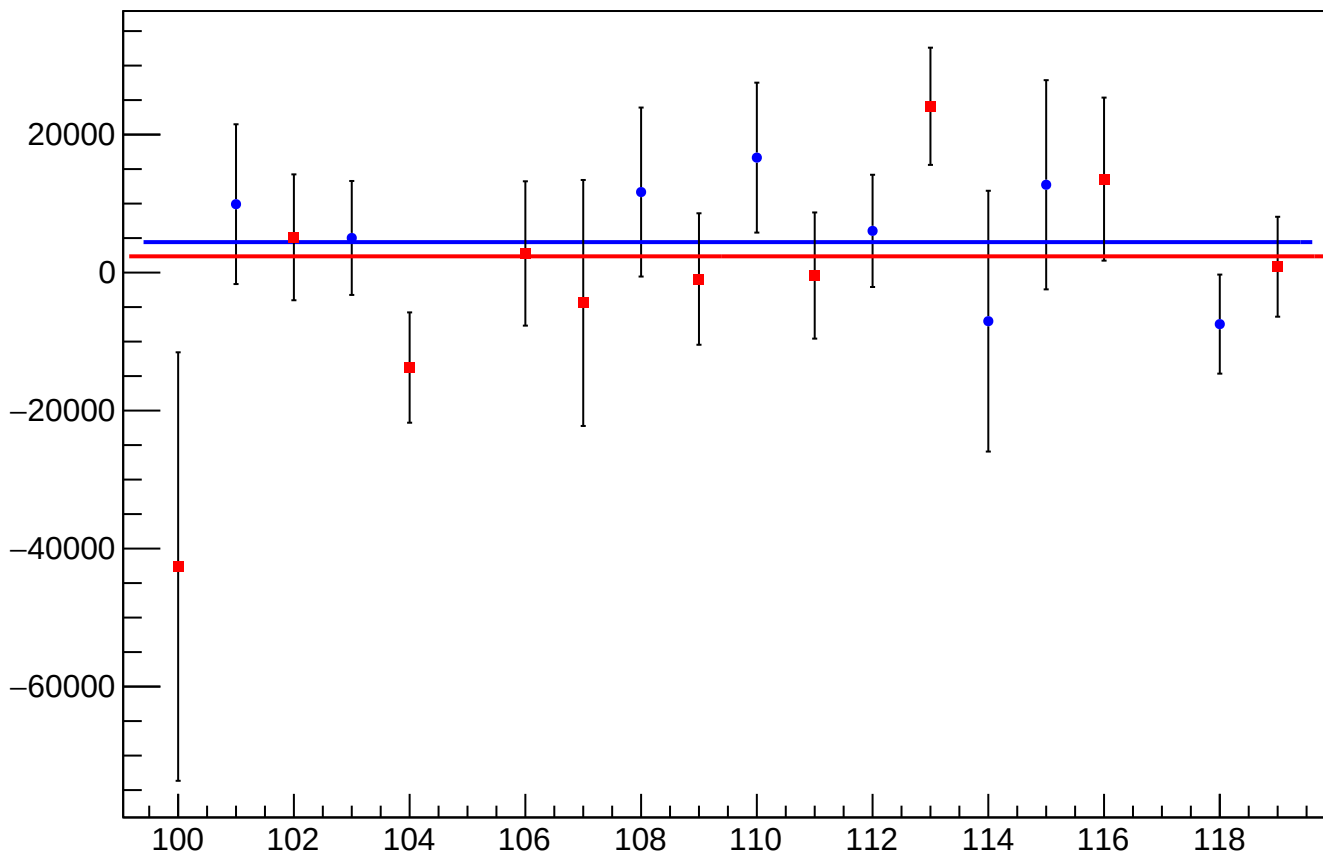
Right: 5739.484+/-1.513 χ^2/NDF : 426858.5/17

In: 6000.244+/-2.369 χ^2/NDF : 200401.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5739.484+/-1.513 χ^2/NDF : 426858.5/17

asym_atl2_mean vs Slug, Sign Corrected



Right In: 4415.831+/-3559.167 χ^2/NDF : 5.3/7

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

Right Out: 2355.737+/-3099.867 χ^2/NDF : 14.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

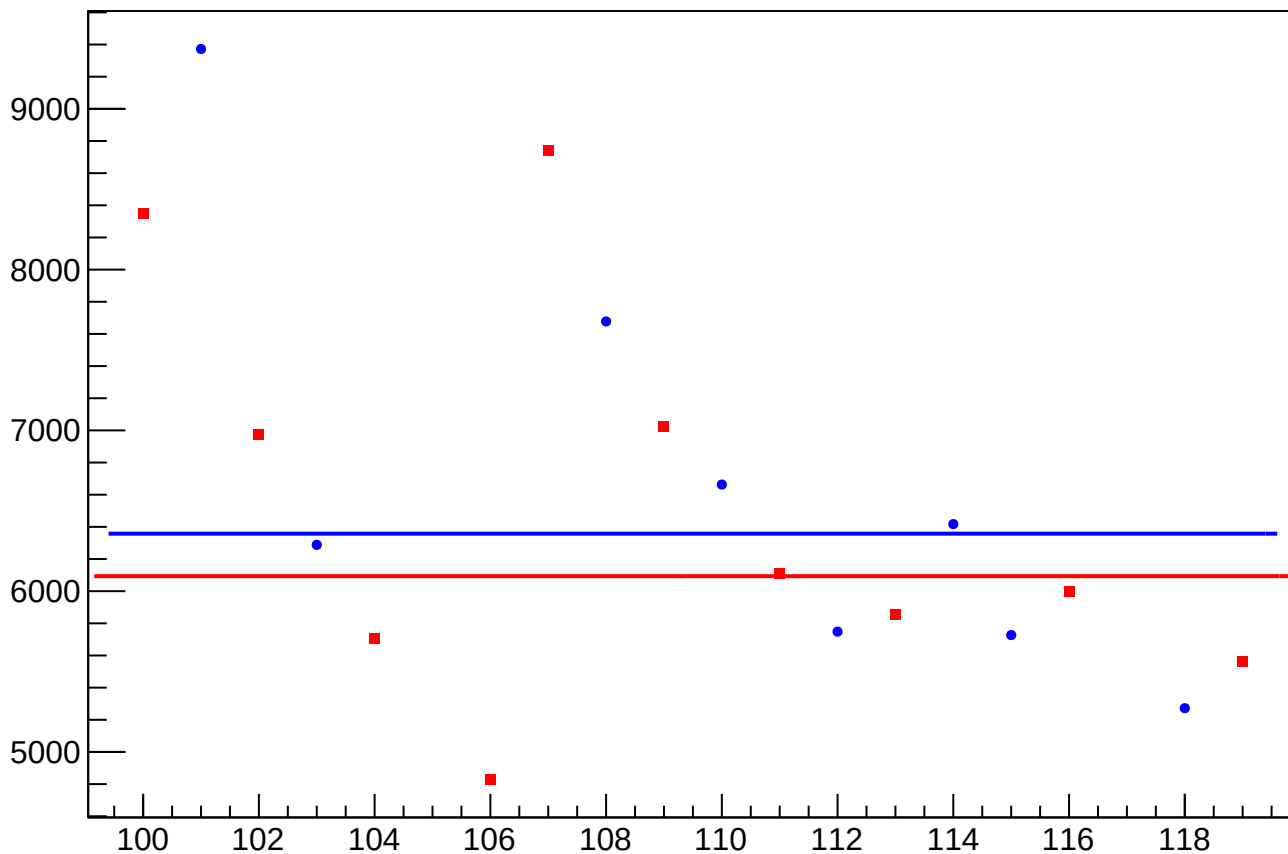
Right: 3244.364+/-2337.570 χ^2/NDF : 19.6/17

In: 4415.831+/-3559.167 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3244.364+/-2337.570 χ^2/NDF : 19.6/17

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6357.658+/-2.517 χ^2/NDF : 220971.4/7

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

Right Out: 6093.297+/-2.192 χ^2/NDF : 138828.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

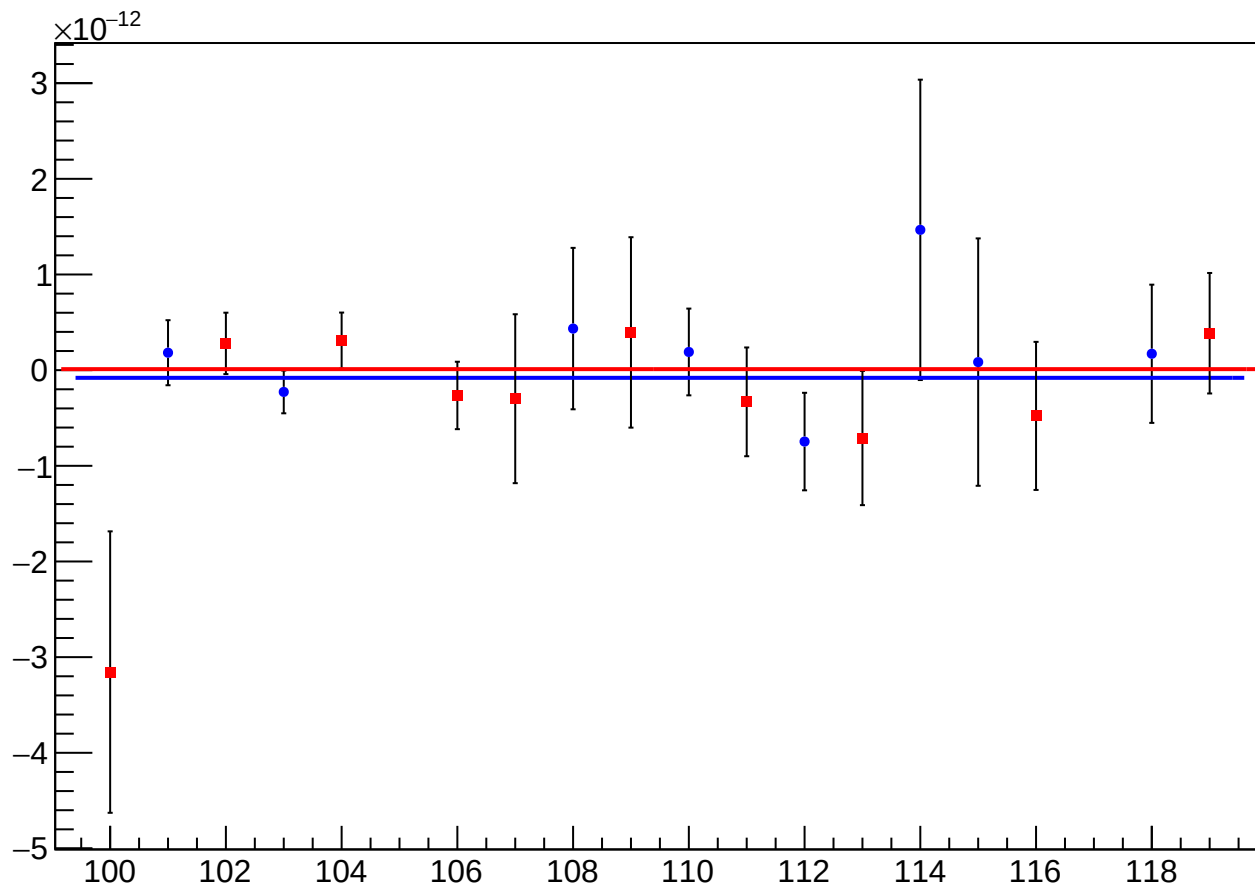
Right: 6207.329+/-1.653 χ^2/NDF : 366074.1/17

In: 6357.658+/-2.517 χ^2/NDF : 220971.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6207.329+/-1.653 χ^2/NDF : 366074.1/17

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

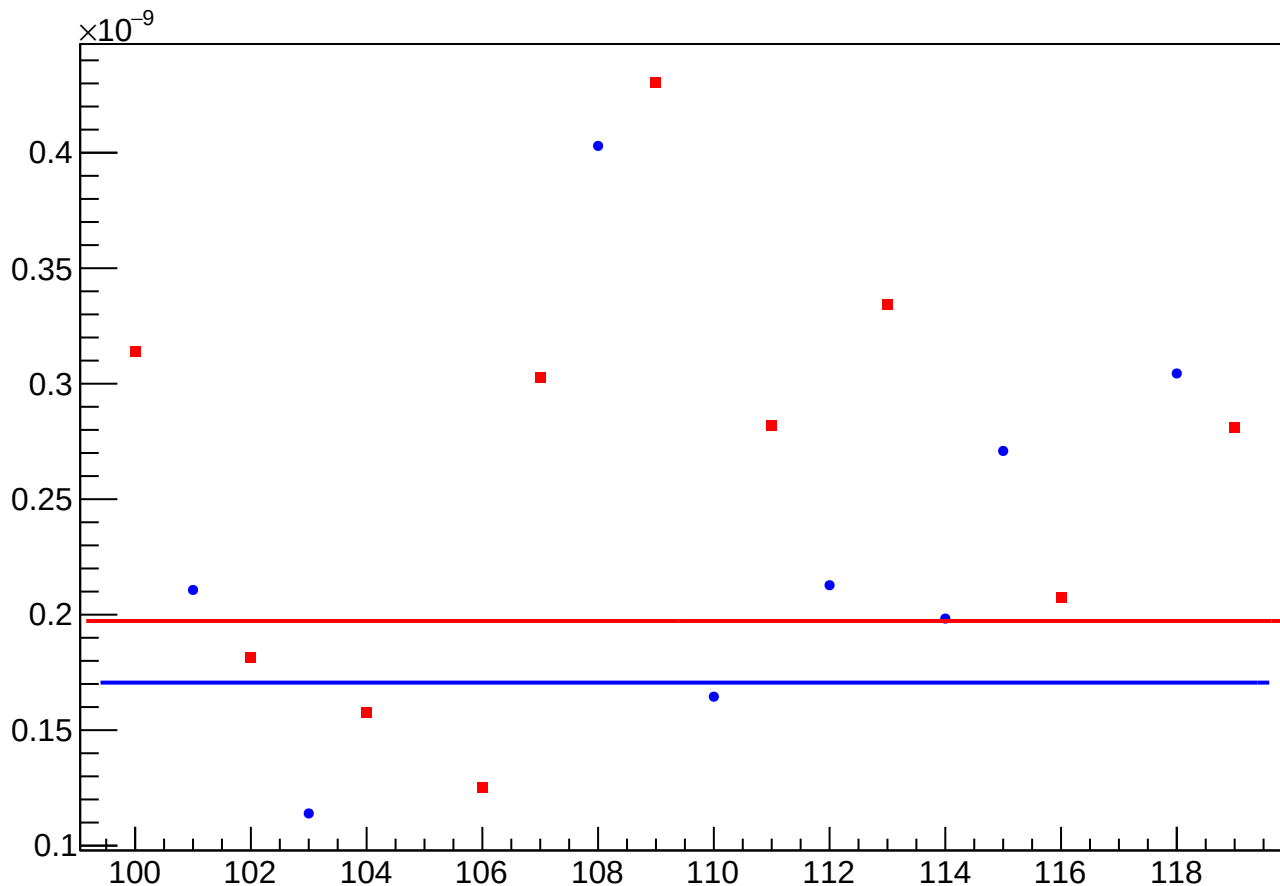
Right: -0.000+/-0.000 χ^2/NDF : 14.2/17

In: -0.000+/-0.000 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/17

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 403361.3/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 431934.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

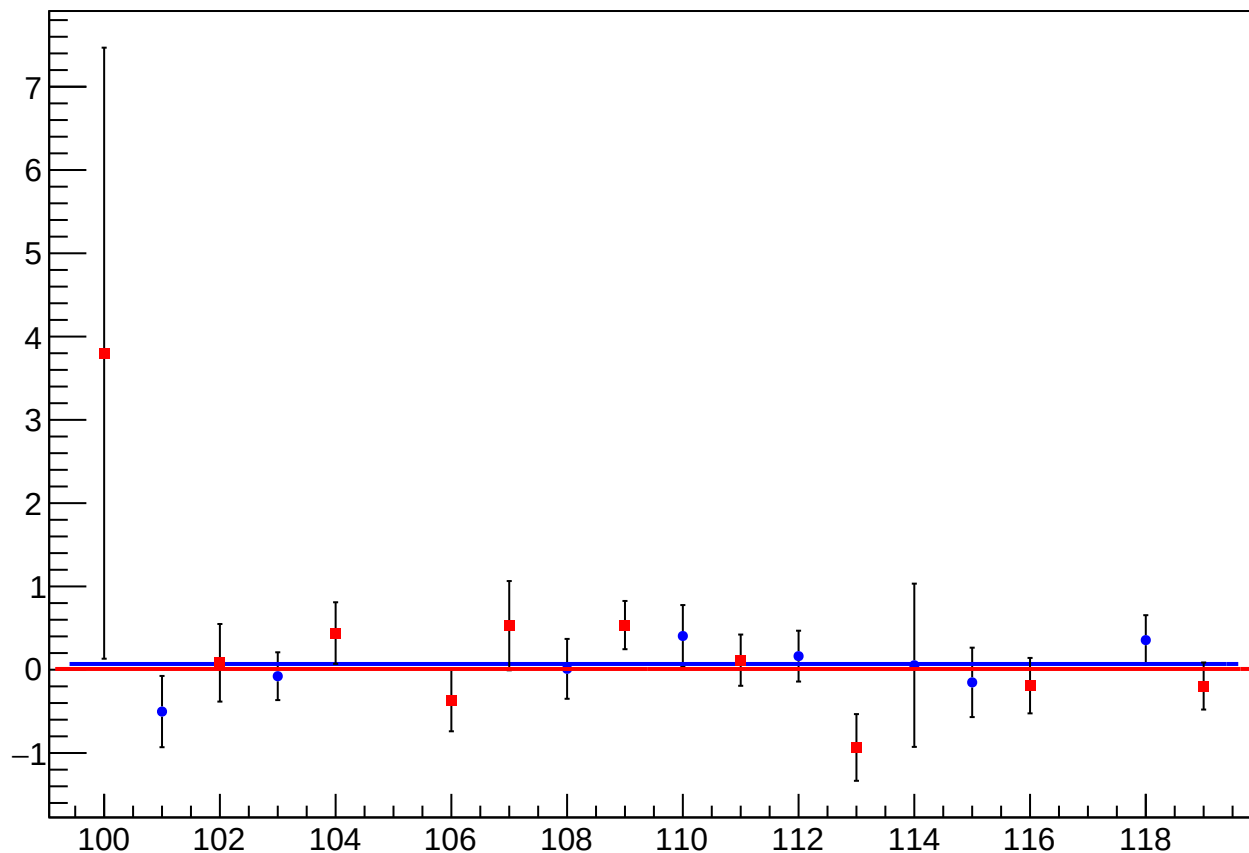
Right: 0.000+/-0.000 χ^2/NDF : 864892.5/17

In: 0.000+/-0.000 χ^2/NDF : 403361.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 864892.5/17

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.128 χ^2/NDF : 4.2/7

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

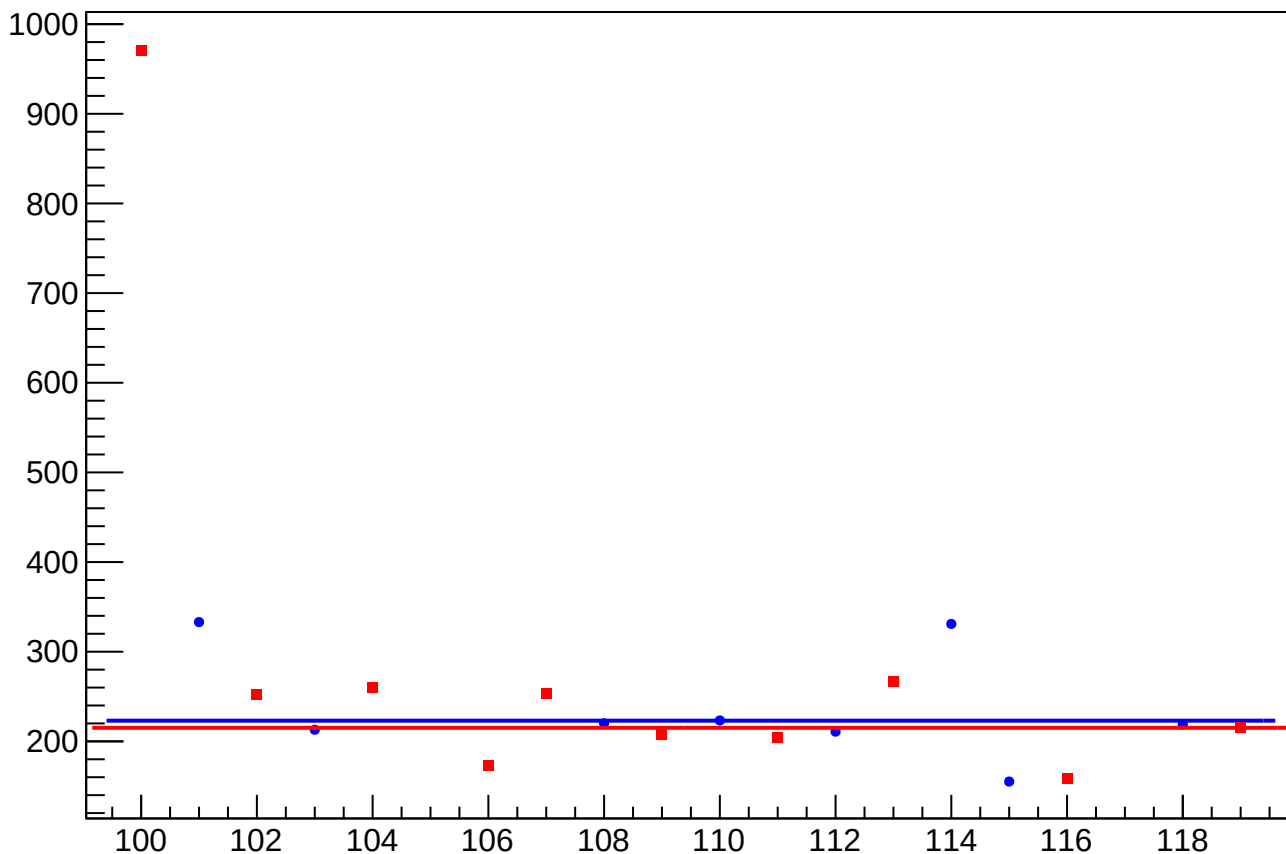
Right: 0.036+/-0.086 χ^2/NDF : 18.6/17

In: 0.069+/-0.128 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.086 χ^2/NDF : 18.6/17

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.062 ± 0.090 χ^2/NDF : 215788.0/7

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

Right Out: 215.138 ± 0.083 χ^2/NDF : 256199.7/9

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

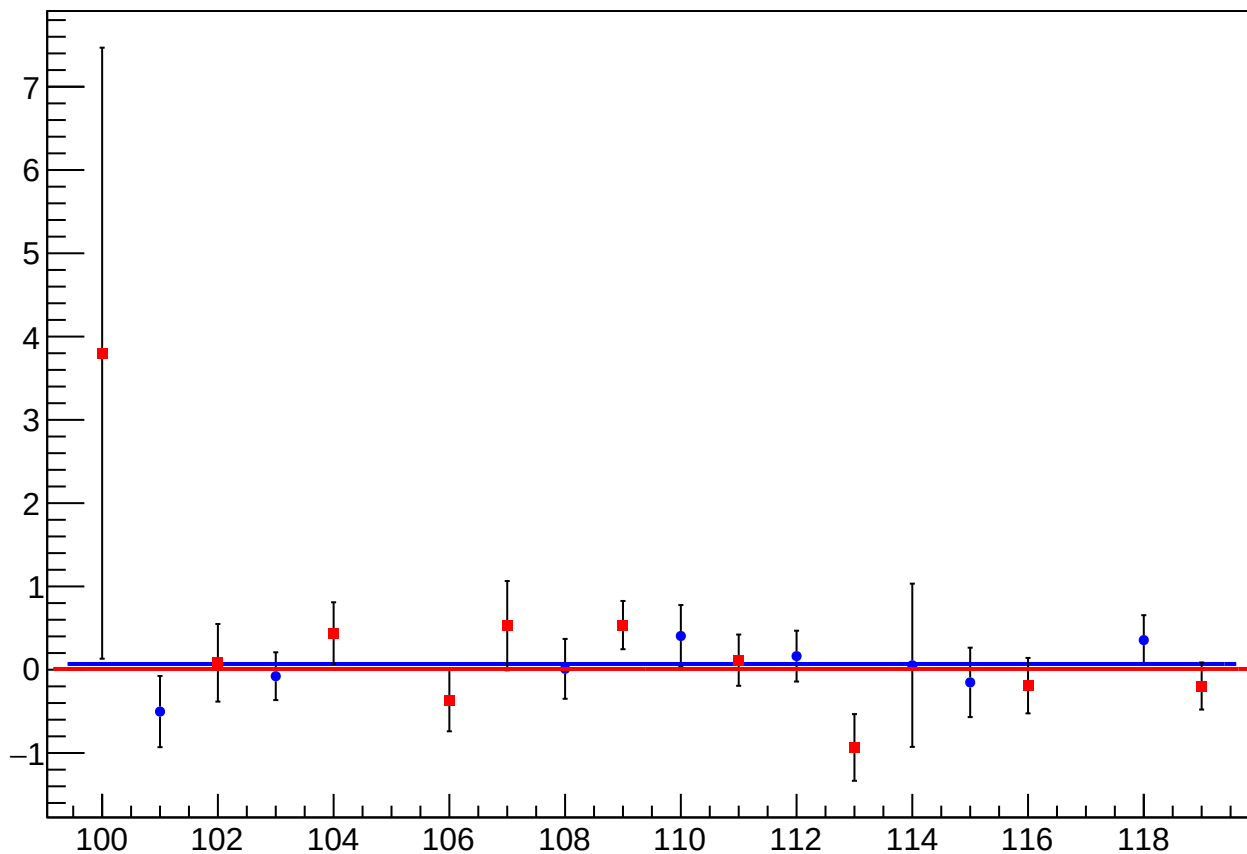
Right: 218.755 ± 0.061 χ^2/NDF : 476172.1/17

In: 223.062 ± 0.090 χ^2/NDF : 215788.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.755 ± 0.061 χ^2/NDF : 476172.1/17

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.128 χ^2/NDF : 4.2/7

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

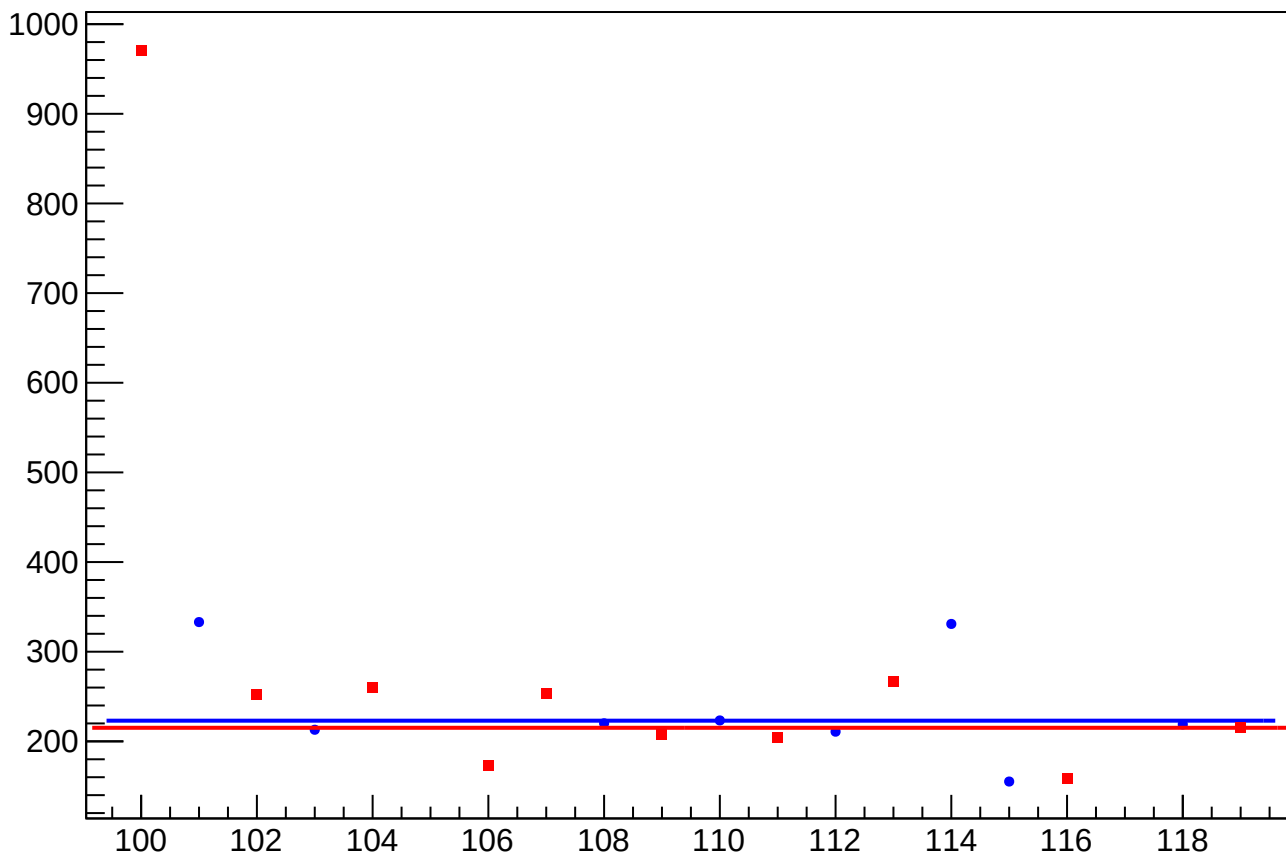
Right: 0.036+/-0.086 χ^2/NDF : 18.6/17

In: 0.069+/-0.128 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.086 χ^2/NDF : 18.6/17

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.062 $\pm$ 0.090 χ^2 /NDF: 215788.0/7

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

Right Out: 215.138 $\pm$ 0.083 χ^2 /NDF: 256199.7/9

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

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

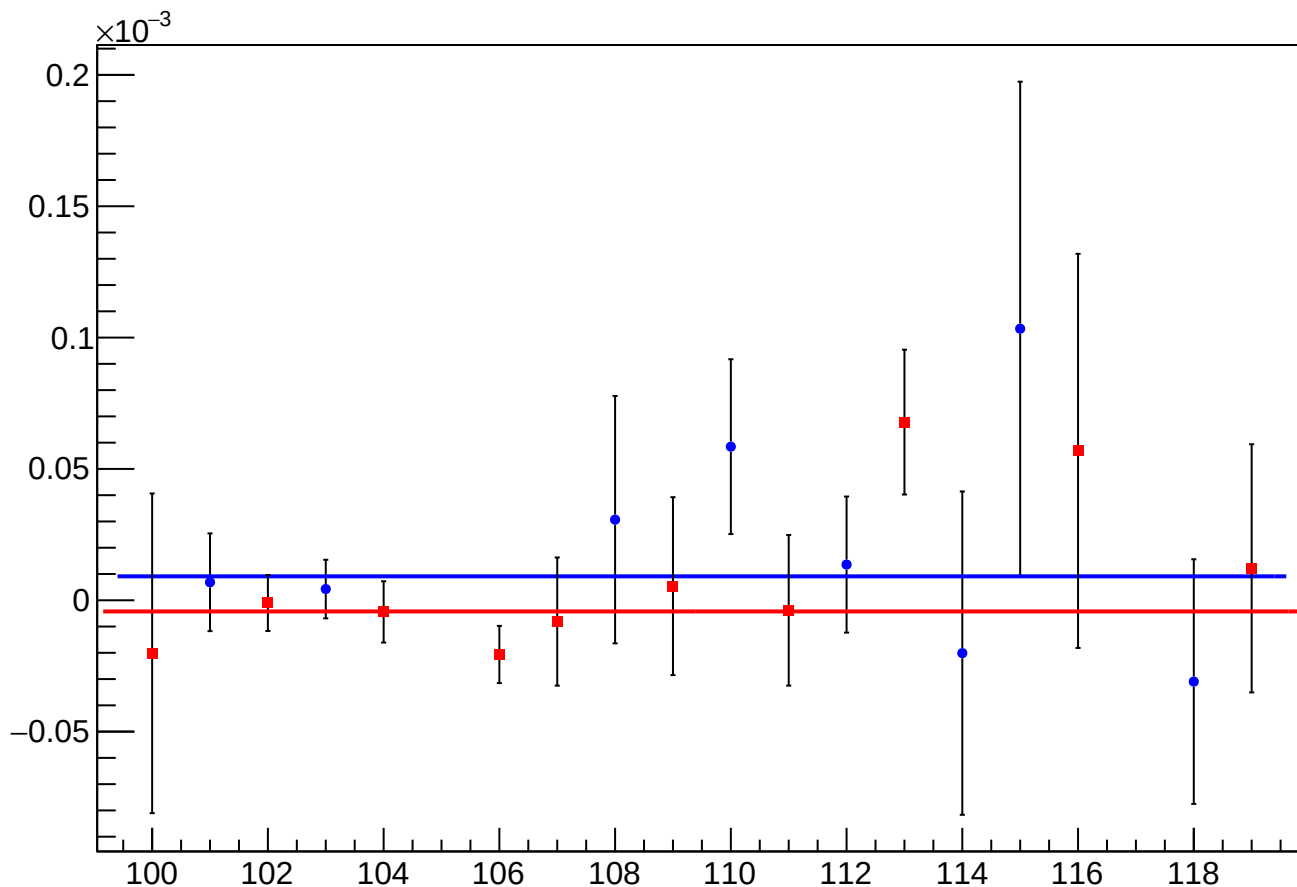
Right: 218.755 $\pm$ 0.061 χ^2 /NDF: 476172.1/17

In: 223.062 $\pm$ 0.090 χ^2 /NDF:215788.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.755 $\pm$ 0.061 χ^2 /NDF: 476172.1/17

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

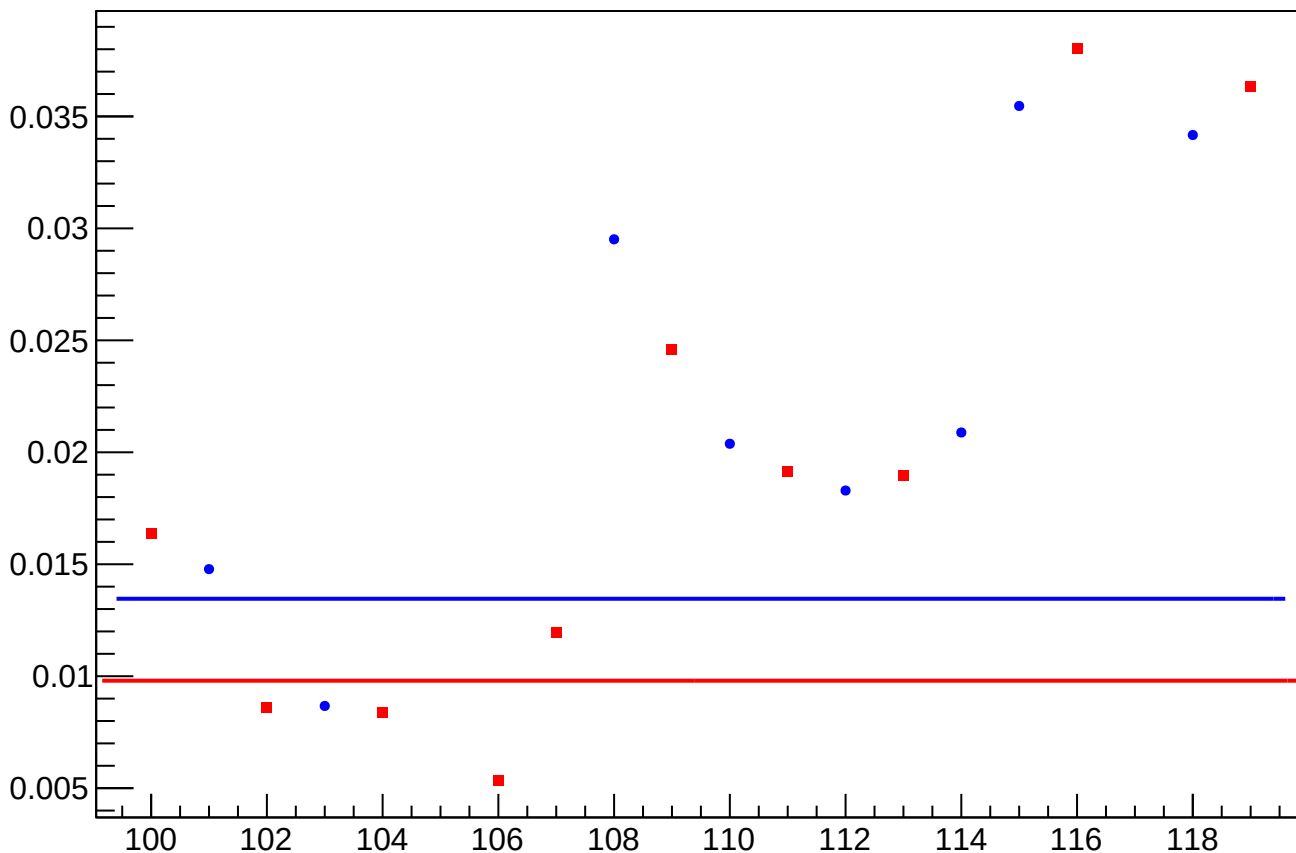
Right: 0.000+/-0.000 χ^2/NDF : 16.5/17

In: 0.000+/-0.000 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.5/17

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 1301797.6/7

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

Right Out: 0.010+/-0.000 χ^2/NDF : 2159936.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

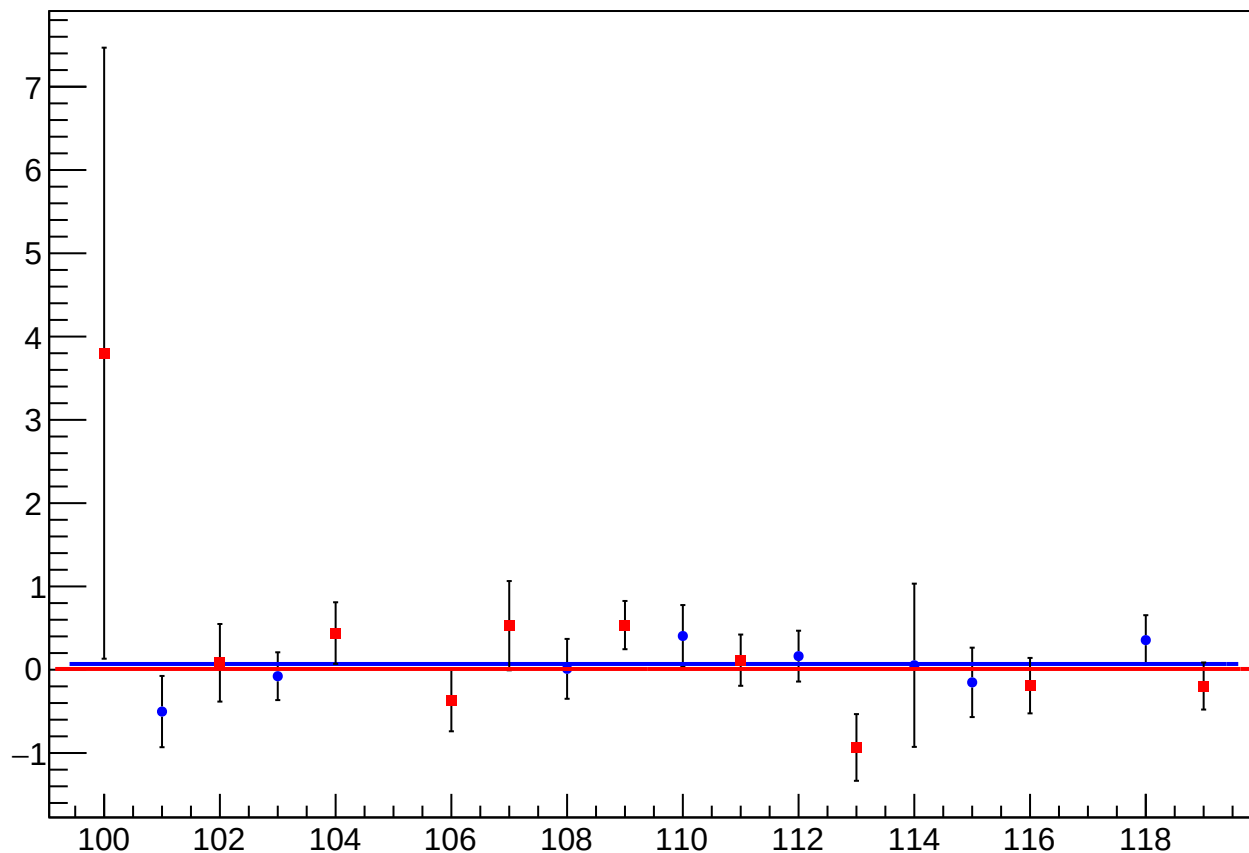
Right: 0.011+/-0.000 χ^2/NDF : 3726523.1/17

In: 0.013+/-0.000 χ^2/NDF :1301797.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 3726523.1/17

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.128 χ^2/NDF : 4.2/7

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

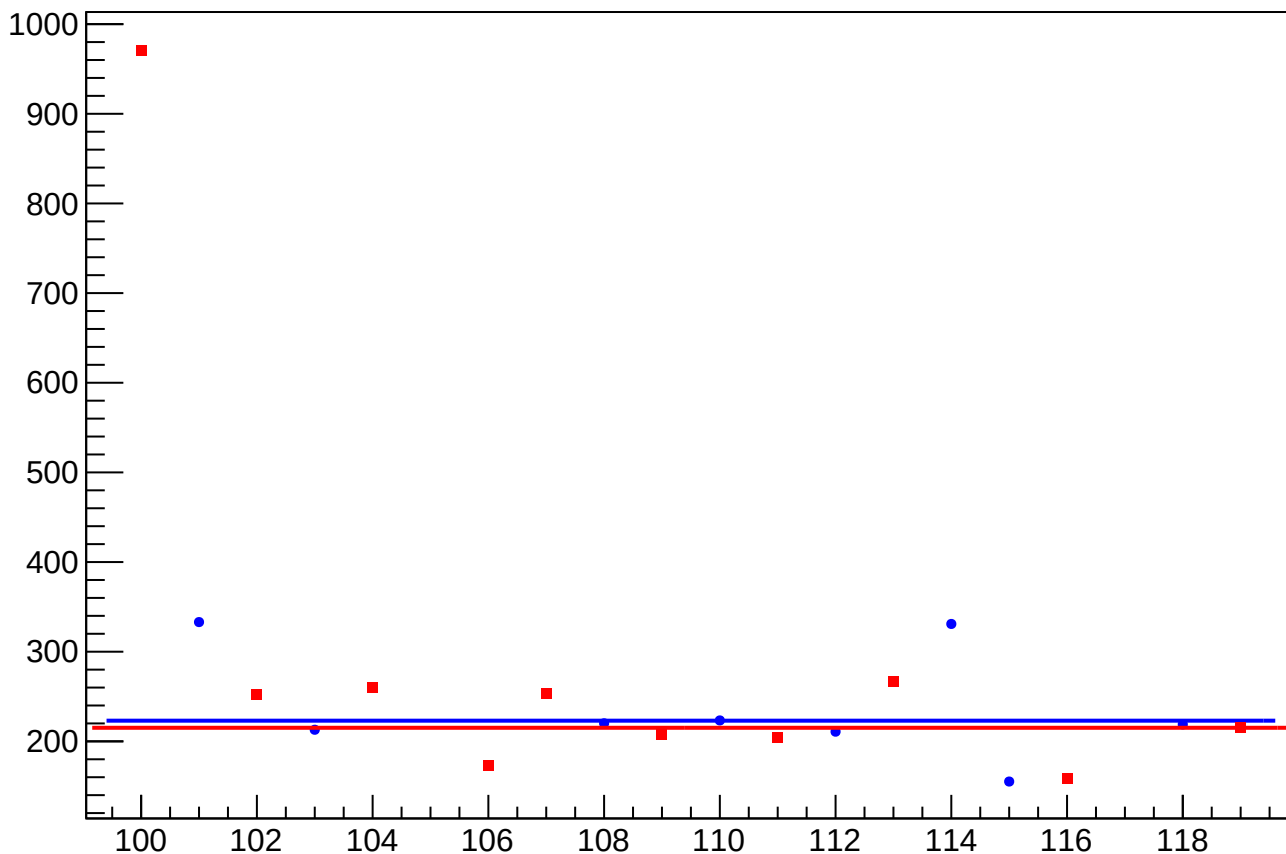
Right: 0.036+/-0.086 χ^2/NDF : 18.6/17

In: 0.069+/-0.128 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.086 χ^2/NDF : 18.6/17

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.065+/-0.090 χ^2/NDF : 215766.1/7

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

Right Out: 215.142+/-0.083 χ^2/NDF : 256161.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

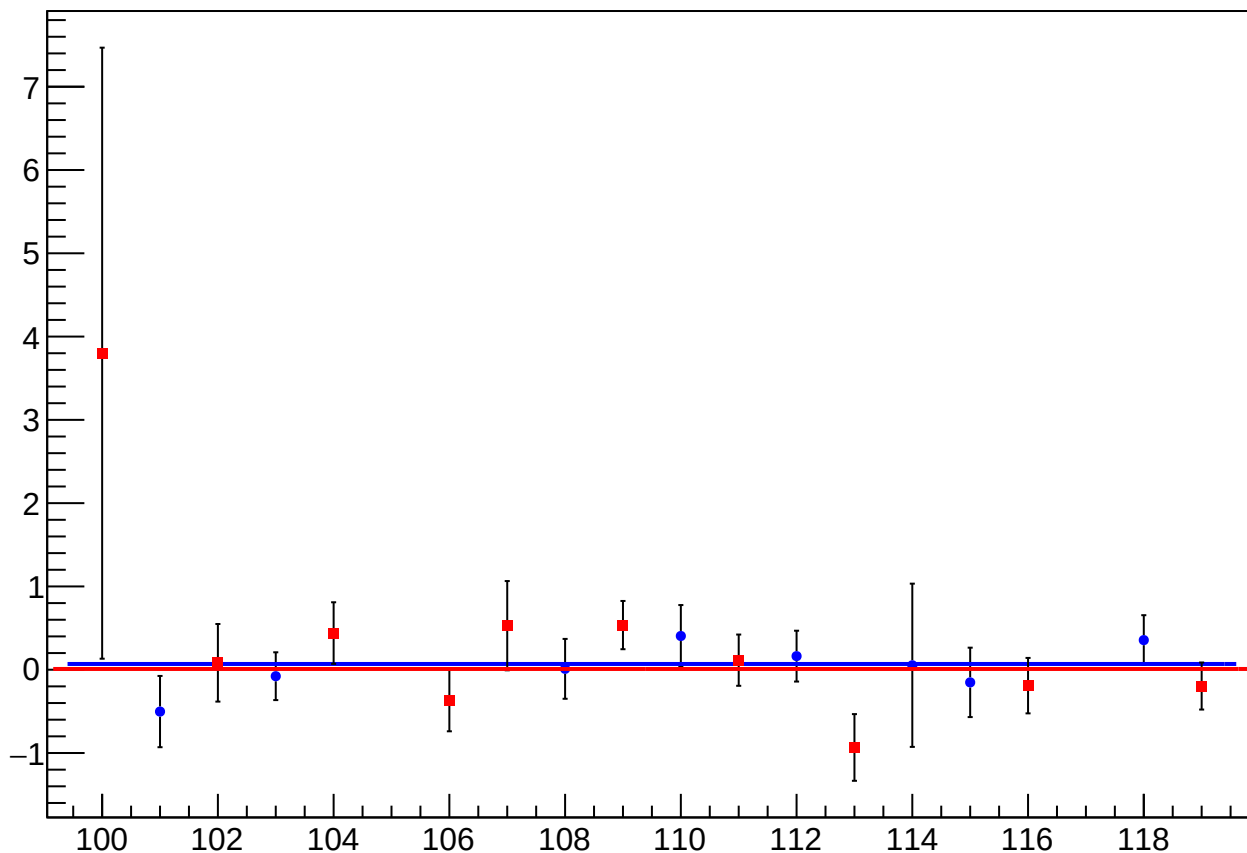
Right: 218.759+/-0.061 χ^2/NDF : 476110.3/17

In: 223.065+/-0.090 χ^2/NDF : 215766.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.759+/-0.061 χ^2/NDF : 476110.3/17

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.069+/-0.128 χ^2/NDF : 4.2/7

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

Right Out: 0.009+/-0.117 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

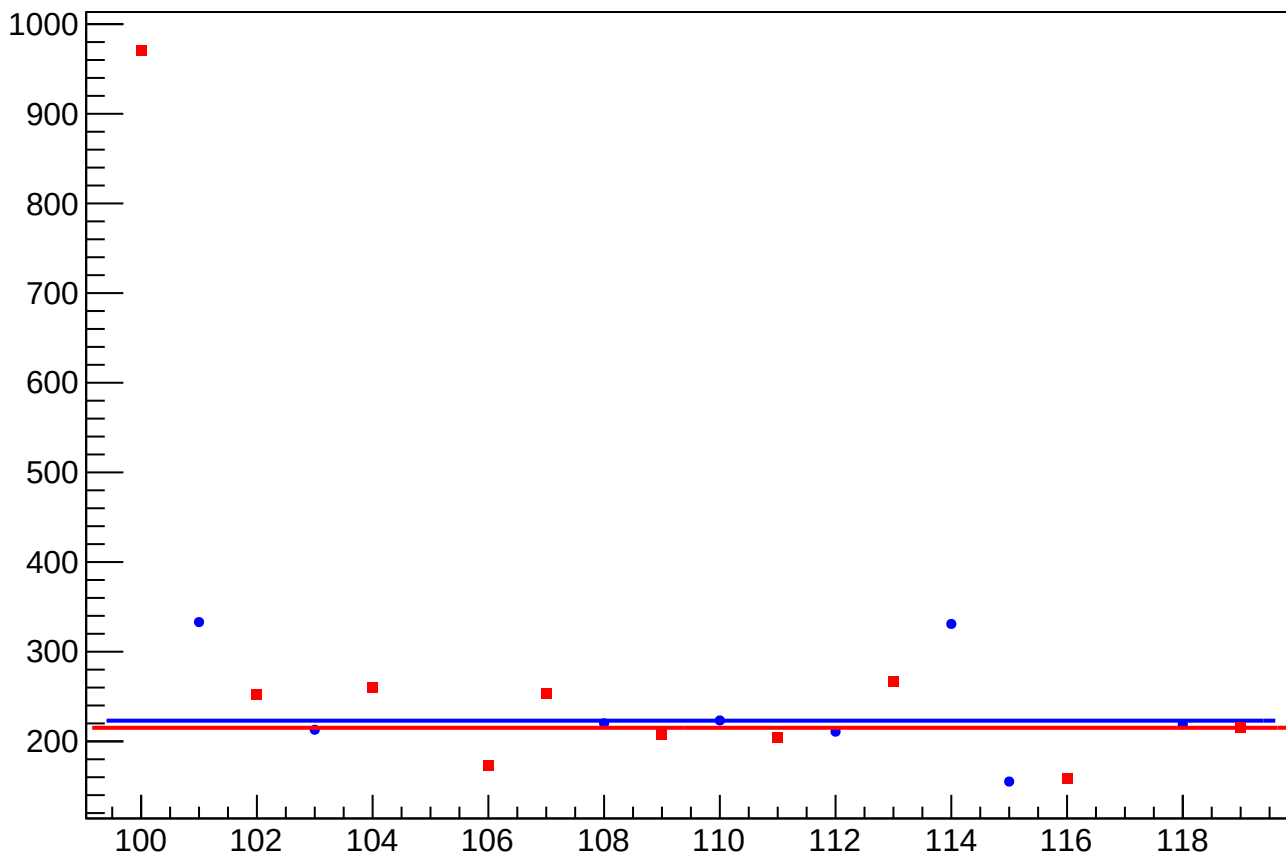
Right: 0.036+/-0.086 χ^2/NDF : 18.6/17

In: 0.069+/-0.128 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.086 χ^2/NDF : 18.6/17

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 223.065+/-0.090 χ^2/NDF : 215766.1/7

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

Right Out: 215.142+/-0.083 χ^2/NDF : 256161.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

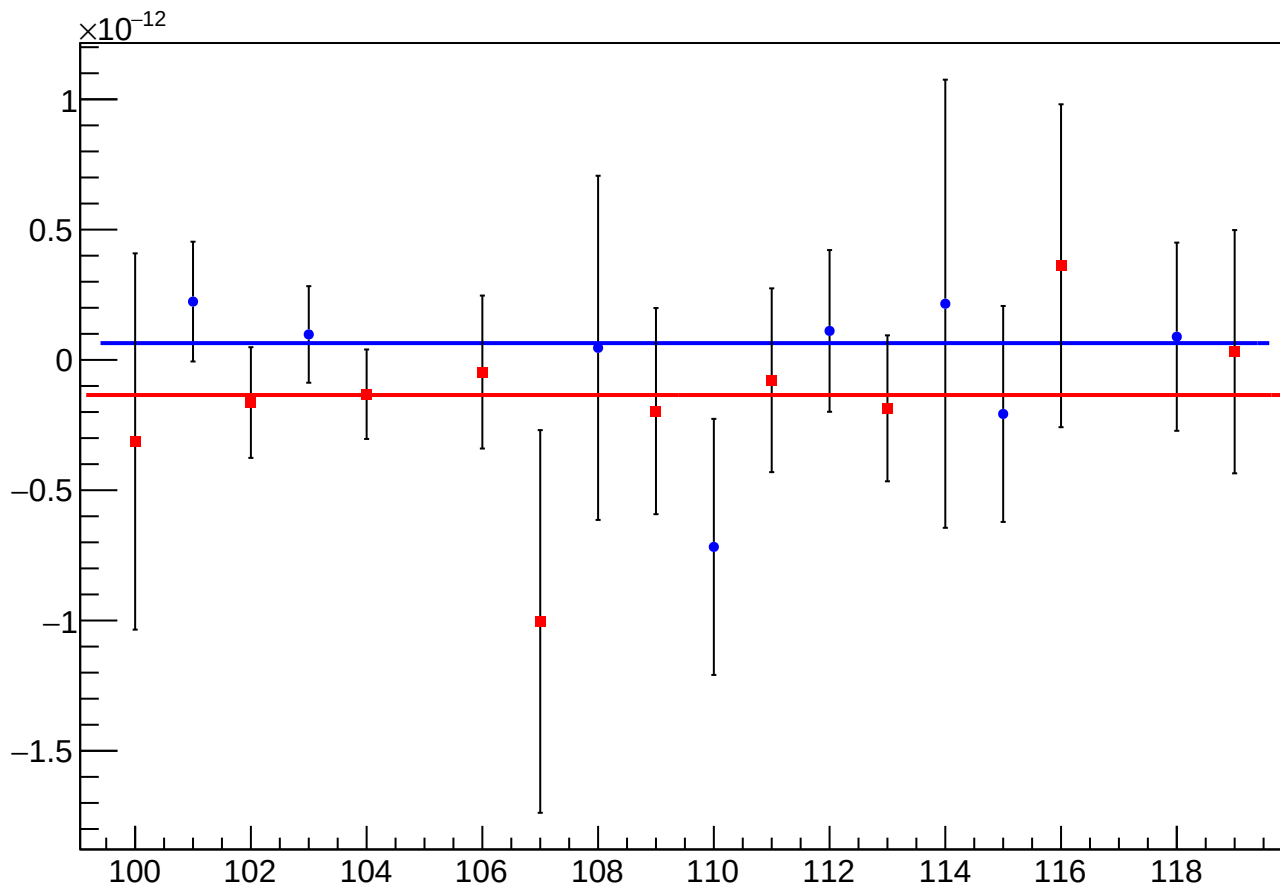
Right: 218.759+/-0.061 χ^2/NDF : 476110.3/17

In: 223.065+/-0.090 χ^2/NDF : 215766.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.759+/-0.061 χ^2/NDF : 476110.3/17

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 2.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

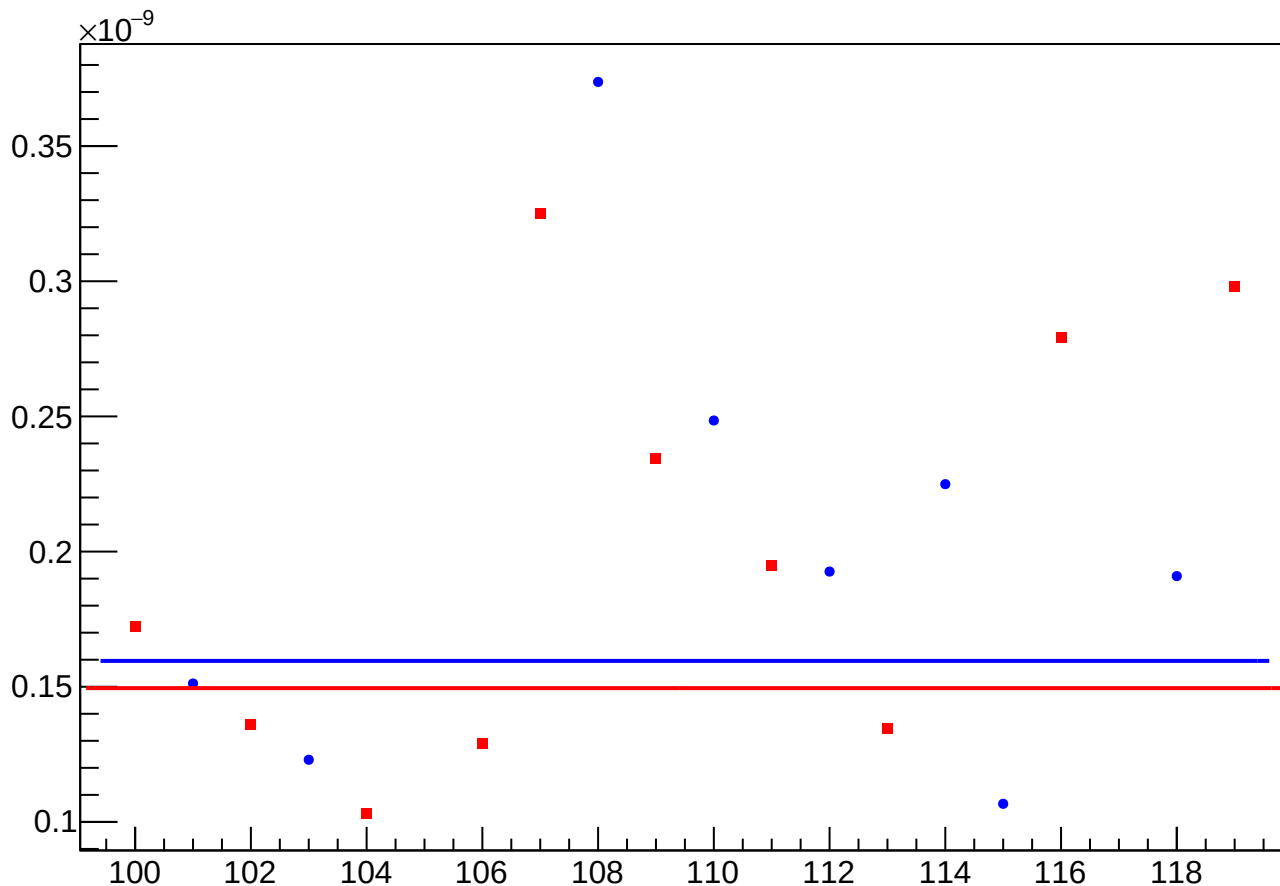
Right: -0.000+/-0.000 χ^2/NDF : 7.8/17

In: 0.000+/-0.000 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/17

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 438351.4/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 701123.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

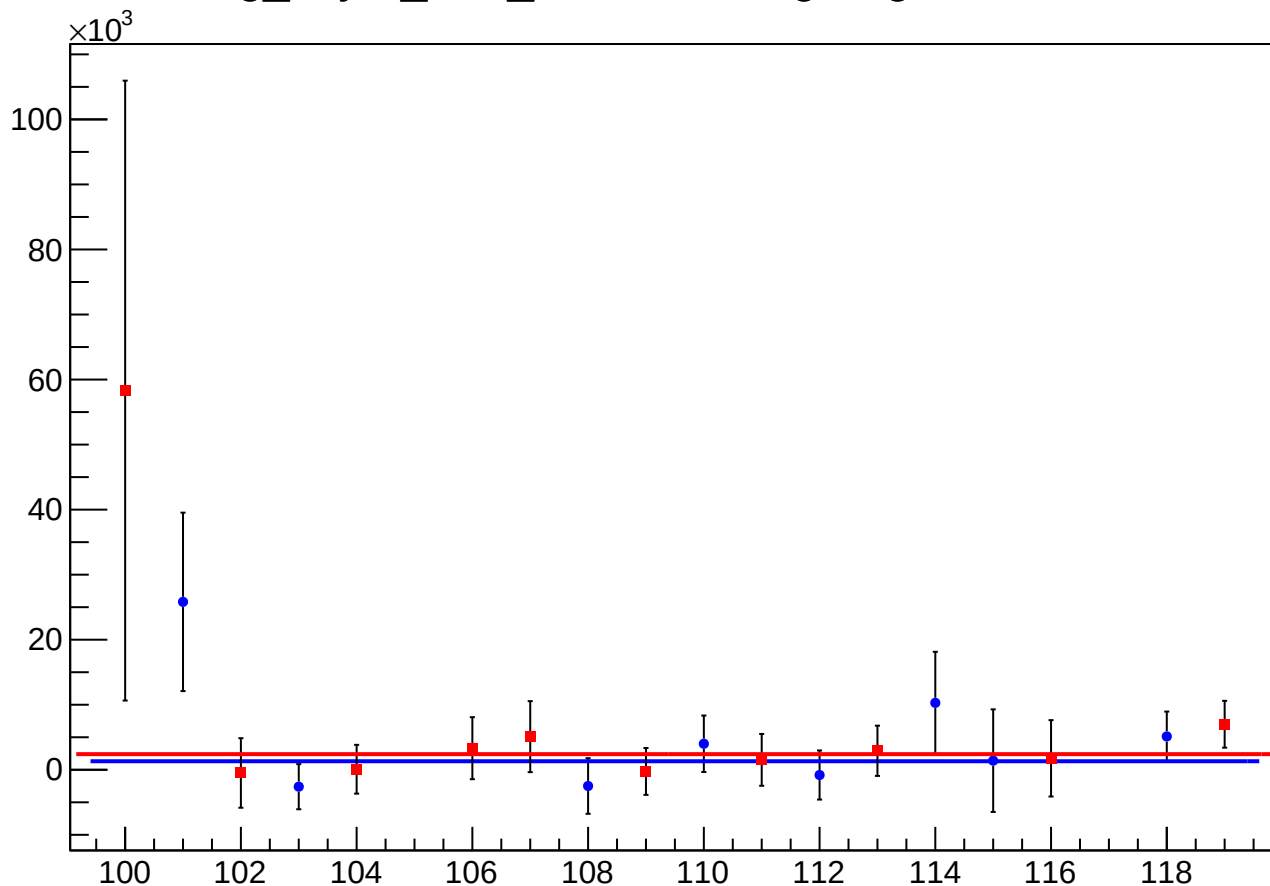
Right: 0.000+/-0.000 χ^2/NDF : 1148710.0/17

In: 0.000+/-0.000 χ^2/NDF : 438351.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1148710.0/17

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1312.958+/-1650.442 χ^2/NDF : 8.3/7

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

Right Out: 2403.327+/-1418.355 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

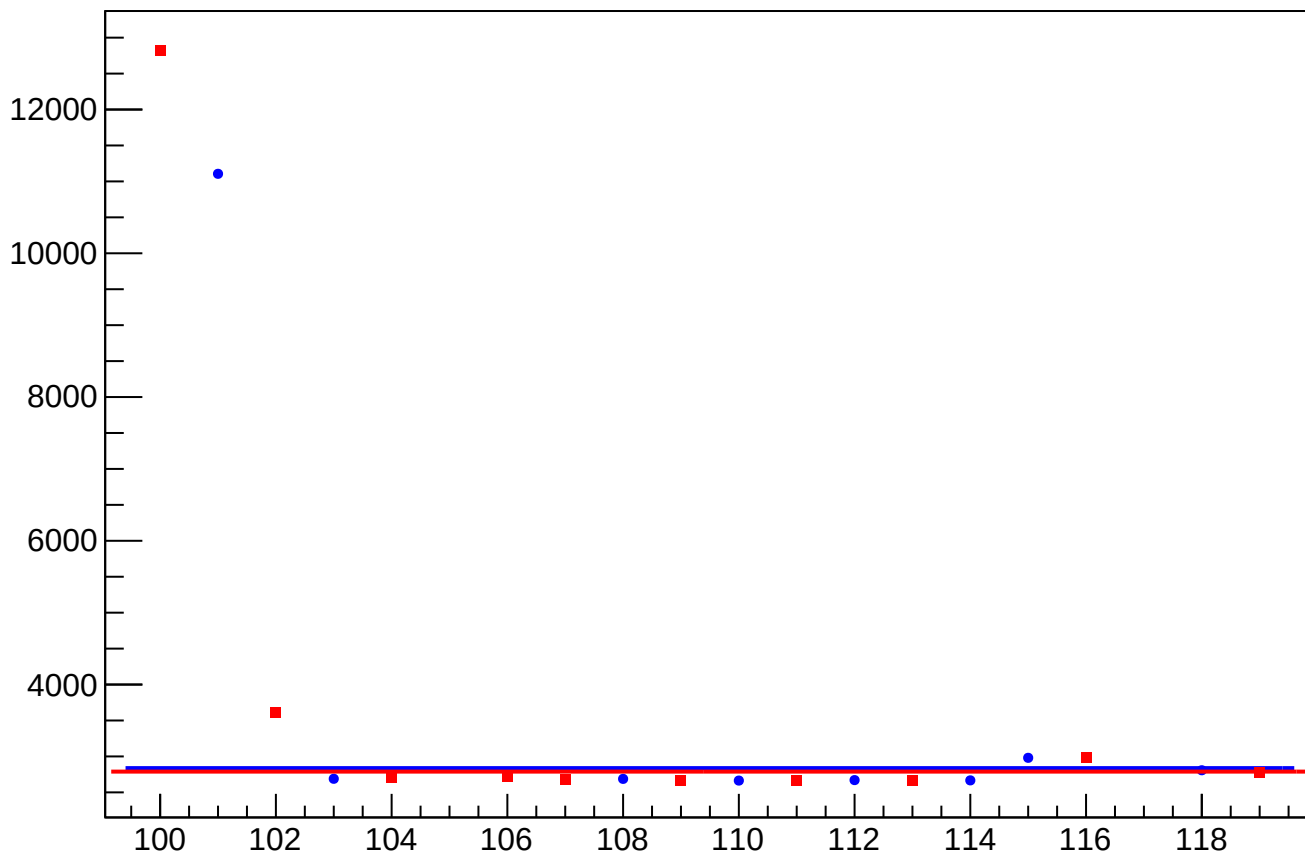
Right: 1940.136+/-1075.706 χ^2/NDF : 13.1/17

In: 1312.958+/-1650.442 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.136+/-1075.706 χ^2/NDF : 13.1/17

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2837.484+/-1.167 χ^2/NDF : 741687.4/7

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

Right Out: 2788.832+/-1.003 χ^2/NDF : 146231.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

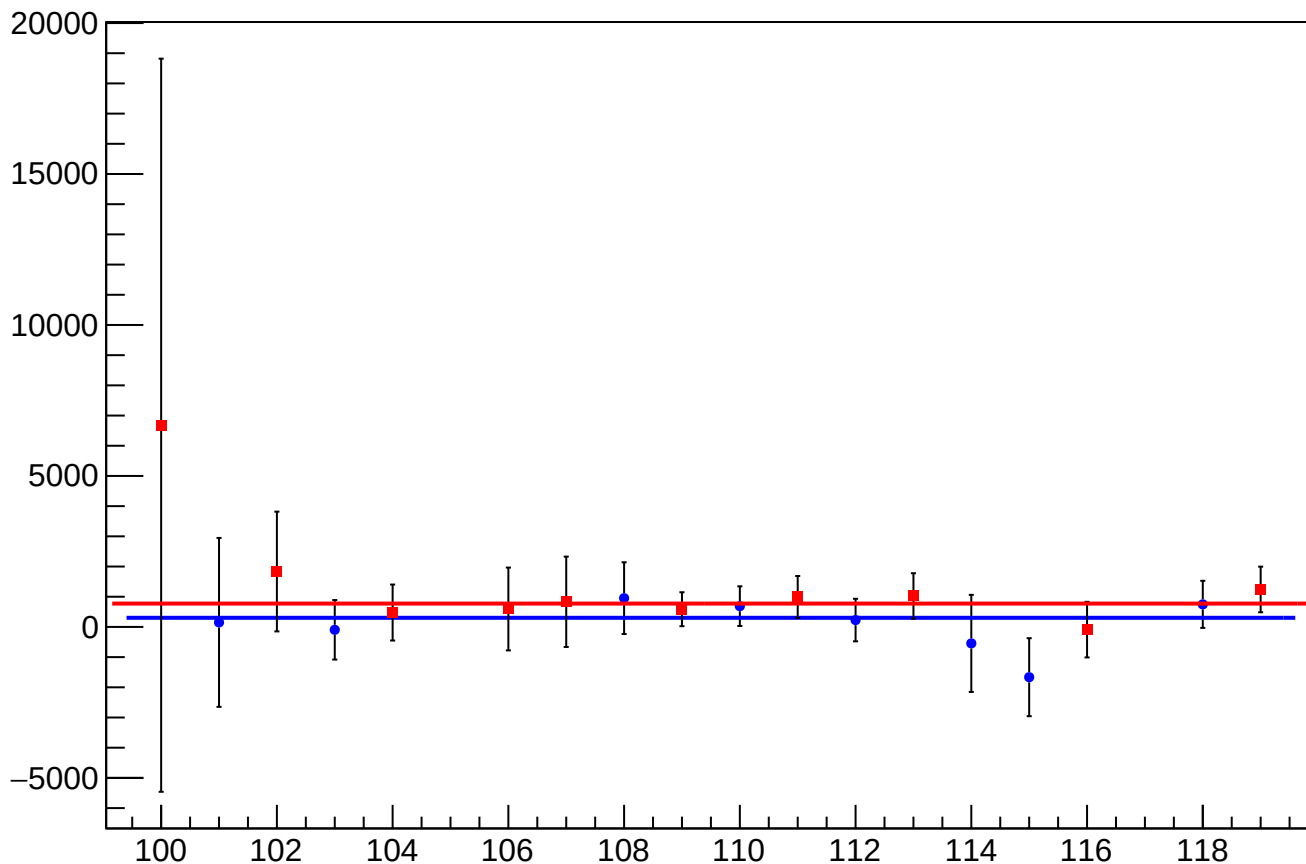
Right: 2809.500+/-0.761 χ^2/NDF : 888918.6/17

In: 2837.484+/-1.167 χ^2/NDF : 741687.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2809.500+/-0.761 χ^2/NDF : 888918.6/17

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 302.187+/-336.550 χ^2/NDF : 3.7/7

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

Right Out: 773.107+/-284.745 χ^2/NDF : 2.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

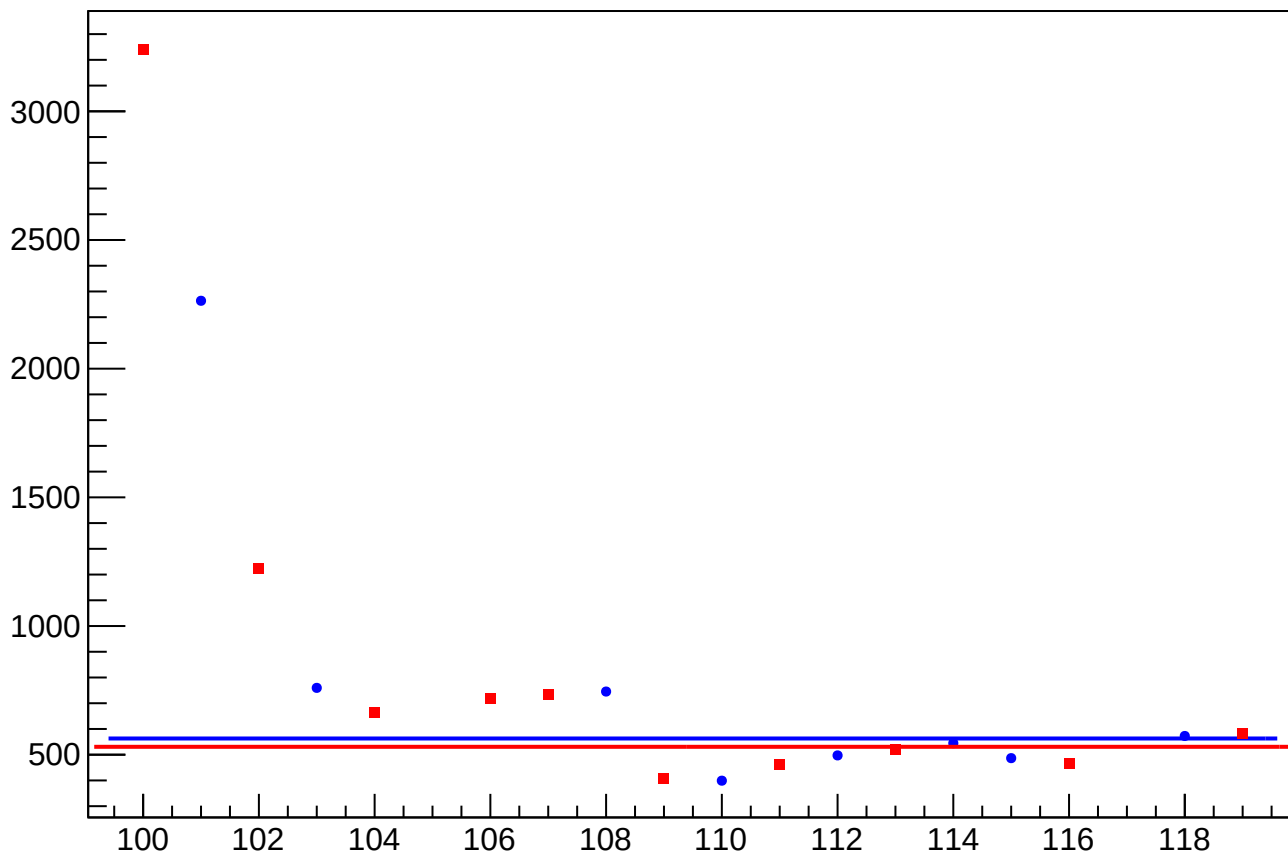
Right: 576.643+/-217.379 χ^2/NDF : 7.1/17

In: 302.187+/-336.550 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.643+/-217.379 χ^2/NDF : 7.1/17

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 563.010+/-0.238 χ^2/NDF : 1016033.2/7

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

Right Out: 530.677+/-0.201 χ^2/NDF : 595956.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

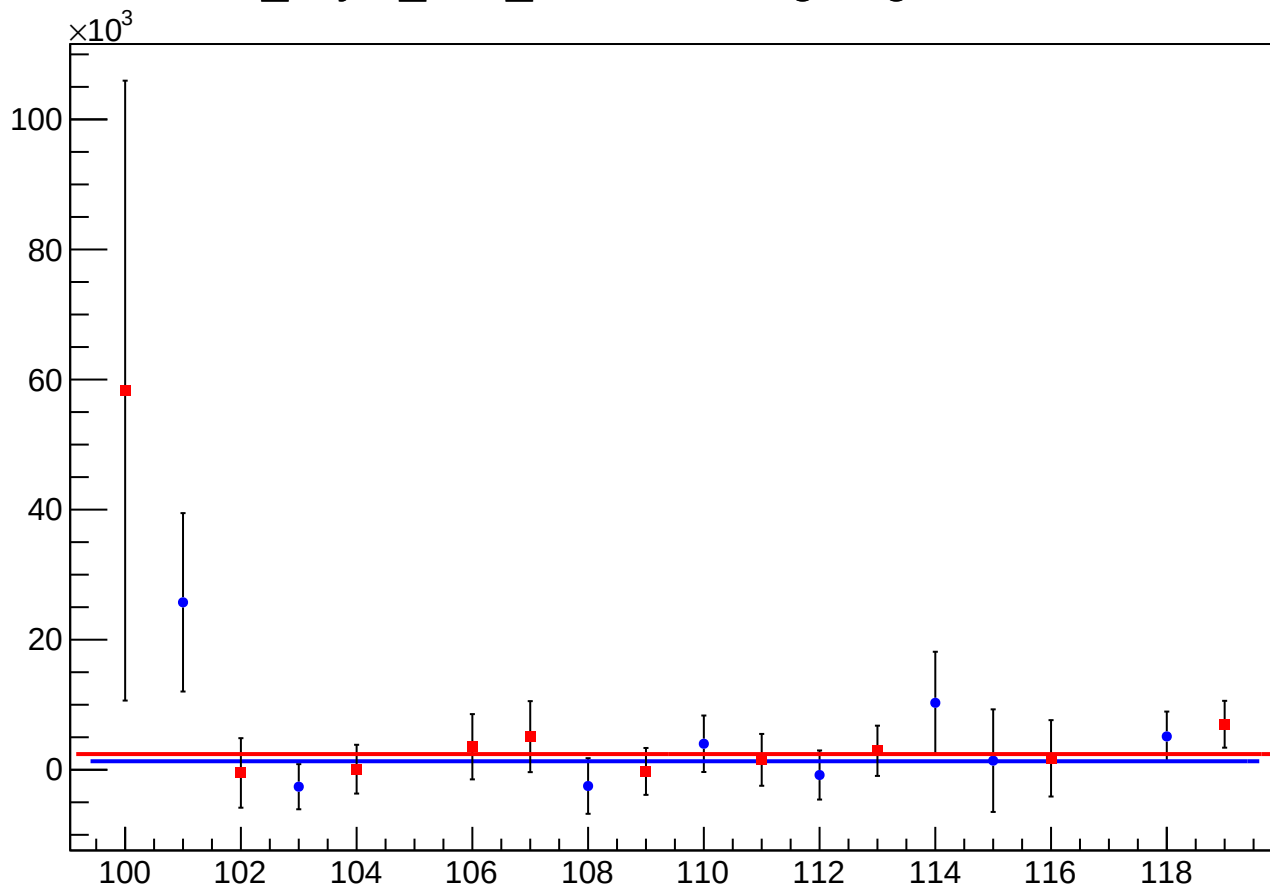
Right: 544.166+/-0.154 χ^2/NDF : 1622748.5/17

In: 563.010+/-0.238 χ^2/NDF : 1016033.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 544.166+/-0.154 χ^2/NDF : 1622748.5/17

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1311.507+/-1650.443 χ^2/NDF : 8.2/7

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

Right Out: 2414.617+/-1424.503 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

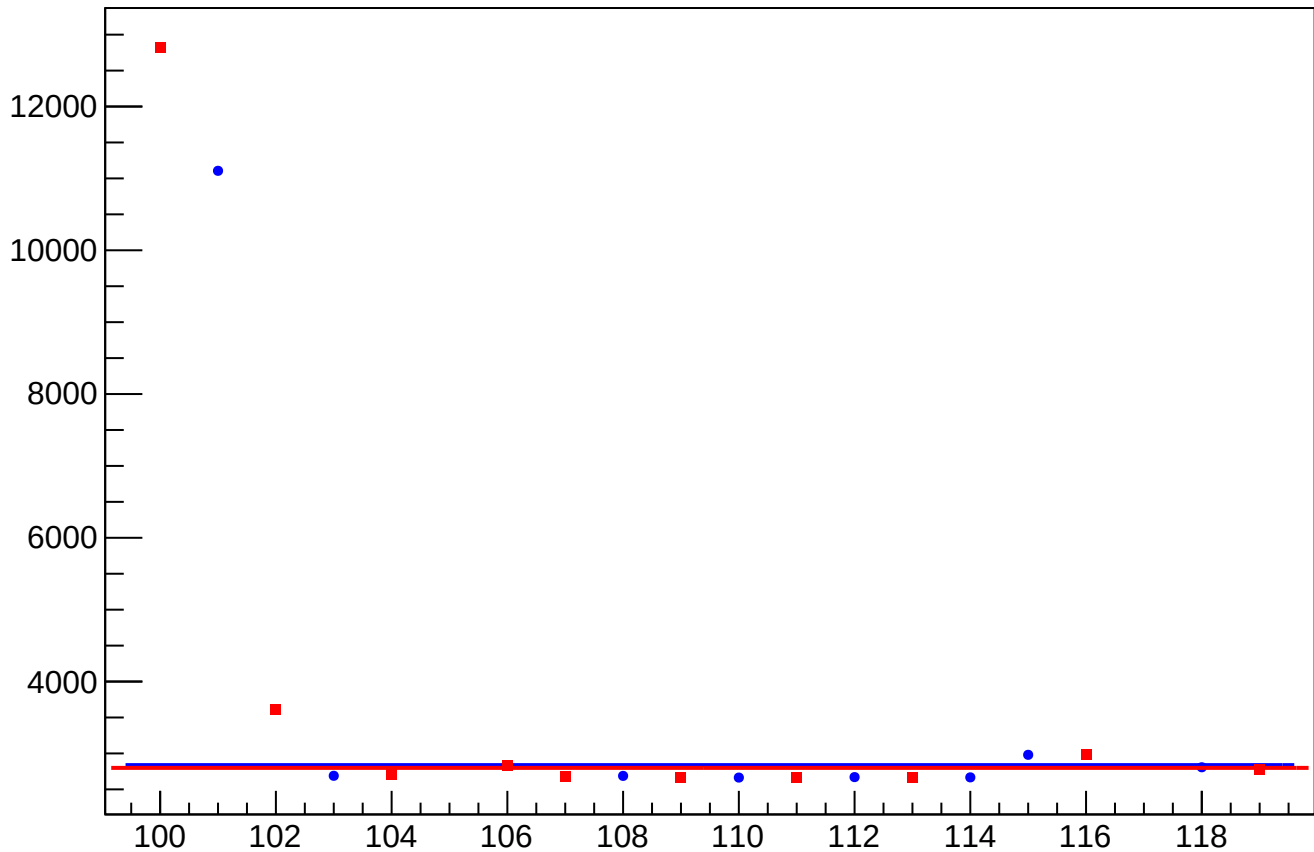
Right: 1943.680+/-1078.381 χ^2/NDF : 13.1/17

In: 1311.507+/-1650.443 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.680+/-1078.381 χ^2/NDF : 13.1/17

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2837.484+/-1.167 χ^2/NDF : 741686.5/7

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

Right Out: 2798.886+/-1.007 χ^2/NDF : 145930.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

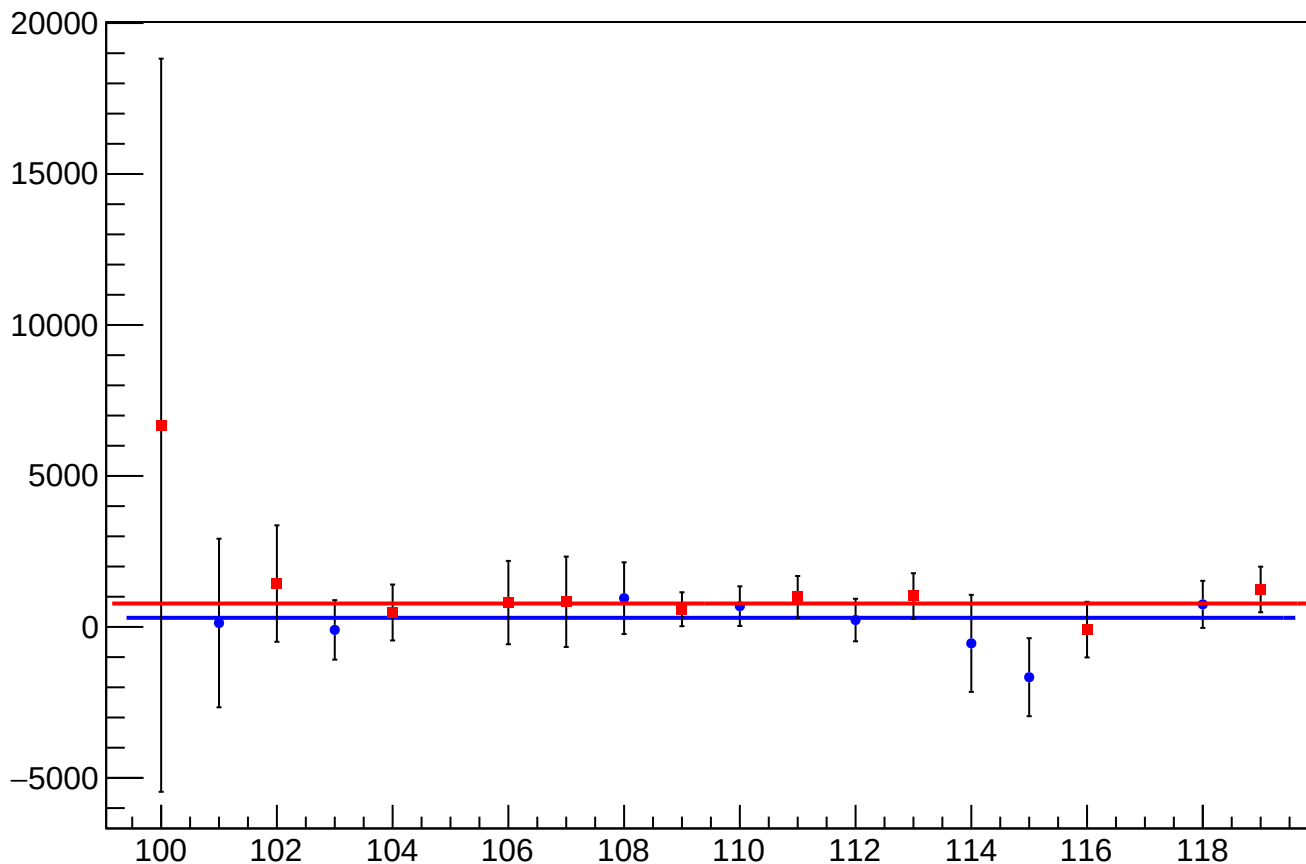
Right: 2815.364+/-0.763 χ^2/NDF : 888244.0/17

In: 2837.484+/-1.167 χ^2/NDF : 741686.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.364+/-0.763 χ^2/NDF : 888244.0/17

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.649+/-336.530 χ^2/NDF : 3.7/7

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

Right Out: 774.924+/-284.644 χ^2/NDF : 2.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

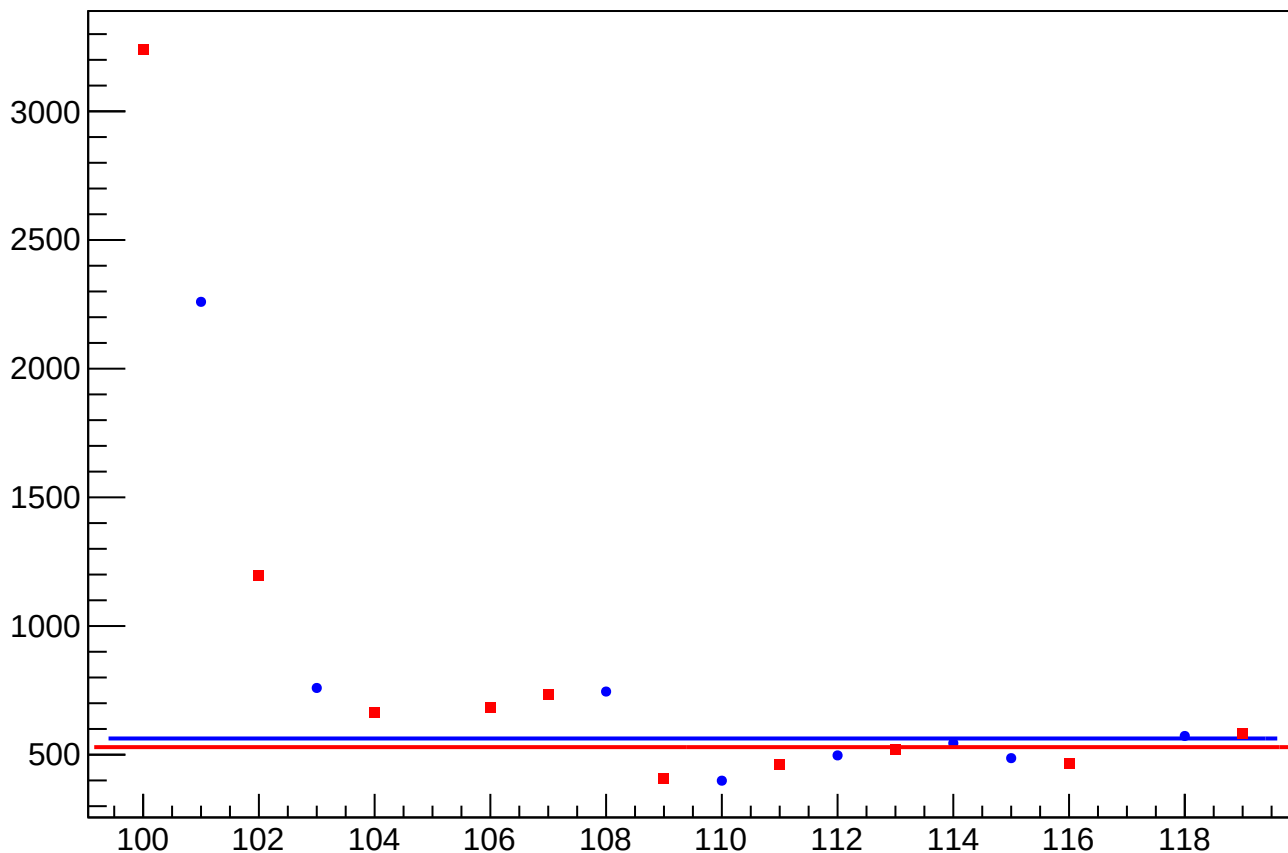
Right: 577.545+/-217.329 χ^2/NDF : 6.9/17

In: 301.649+/-336.530 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.545+/-217.329 χ^2/NDF : 6.9/17

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 563.034+/-0.238 χ^2/NDF : 1015030.7/7

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

Right Out: 529.404+/-0.201 χ^2/NDF : 579208.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

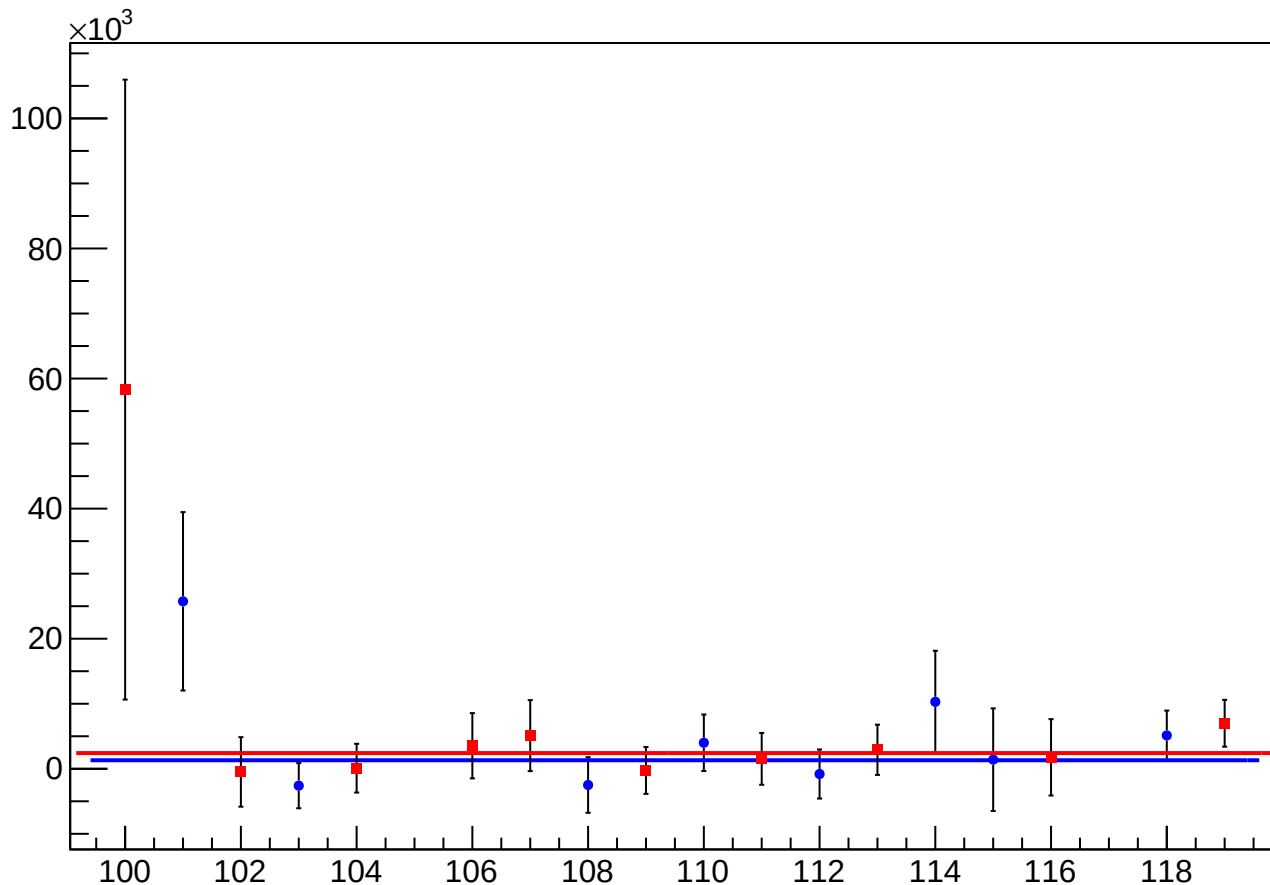
Right: 543.430+/-0.154 χ^2/NDF : 1605881.9/17

In: 563.034+/-0.238 χ^2/NDF : 1015030.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.430+/-0.154 χ^2/NDF : 1605881.9/17

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1311.507+/-1650.443 χ^2/NDF : 8.2/7

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

Right Out: 2414.617+/-1424.503 χ^2/NDF : 4.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

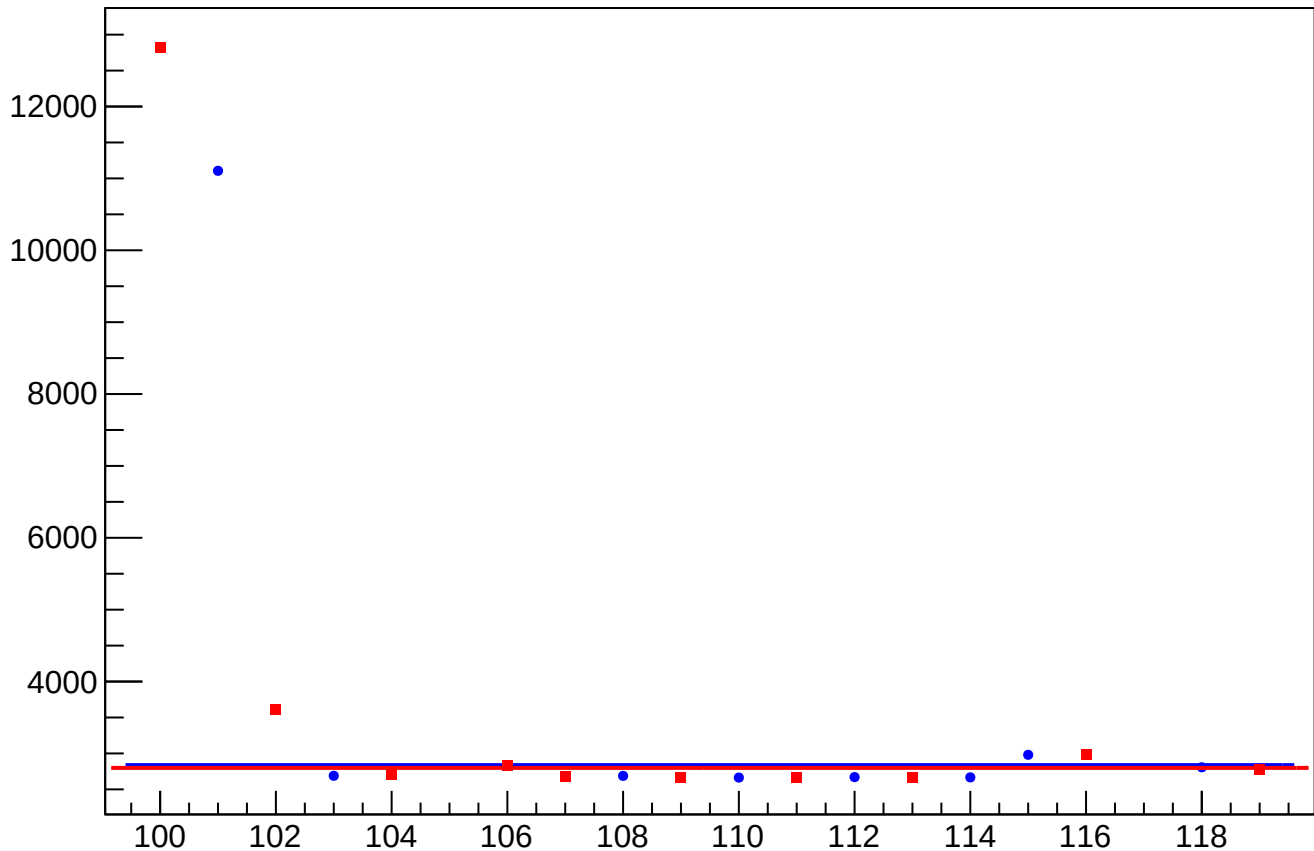
Right: 1943.680+/-1078.381 χ^2/NDF : 13.1/17

In: 1311.507+/-1650.443 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1943.680+/-1078.381 χ^2/NDF : 13.1/17

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2837.484+/-1.167 χ^2/NDF : 741686.5/7

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

Right Out: 2798.886+/-1.007 χ^2/NDF : 145930.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

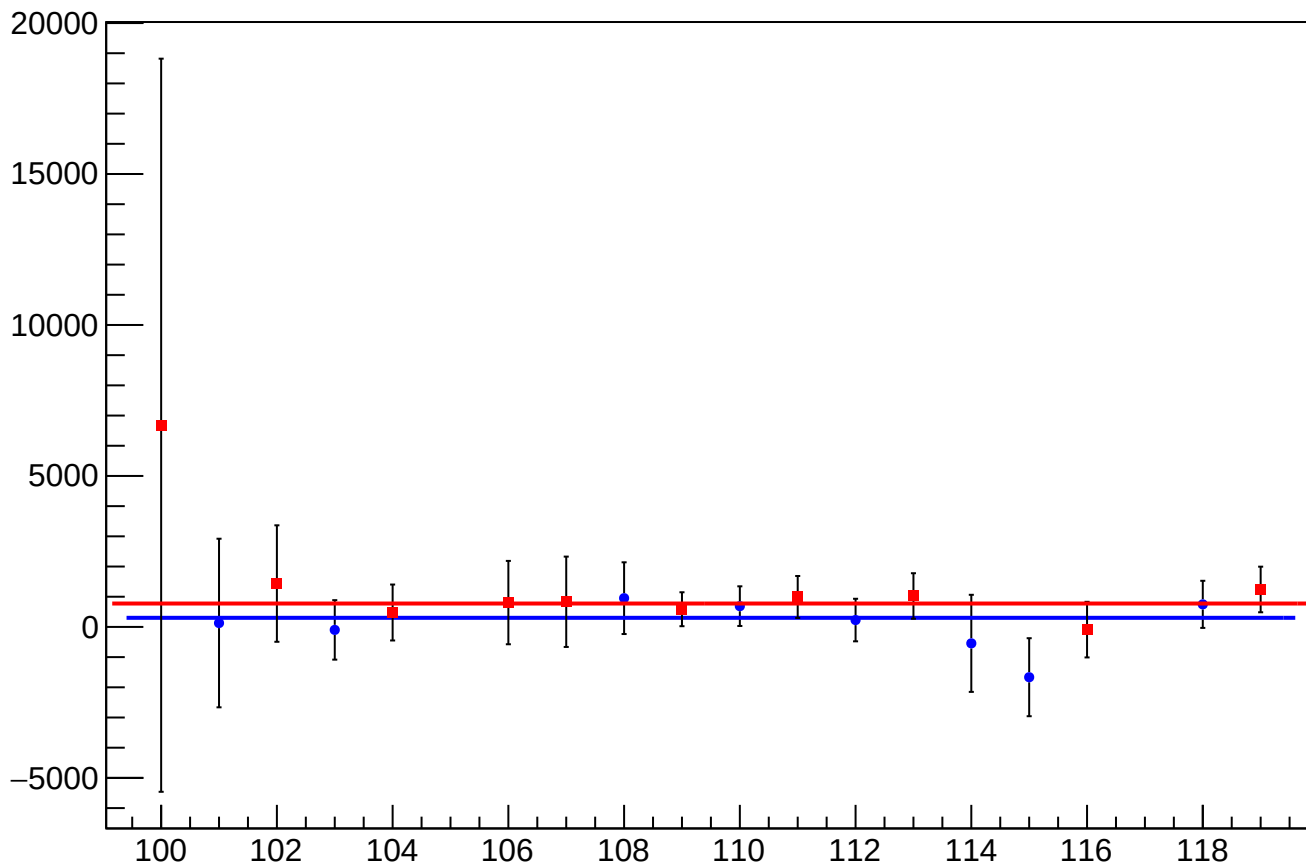
Right: 2815.364+/-0.763 χ^2/NDF : 888244.0/17

In: 2837.484+/-1.167 χ^2/NDF : 741686.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.364+/-0.763 χ^2/NDF : 888244.0/17

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.649+/-336.530 χ^2/NDF : 3.7/7

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

Right Out: 774.924+/-284.644 χ^2/NDF : 2.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

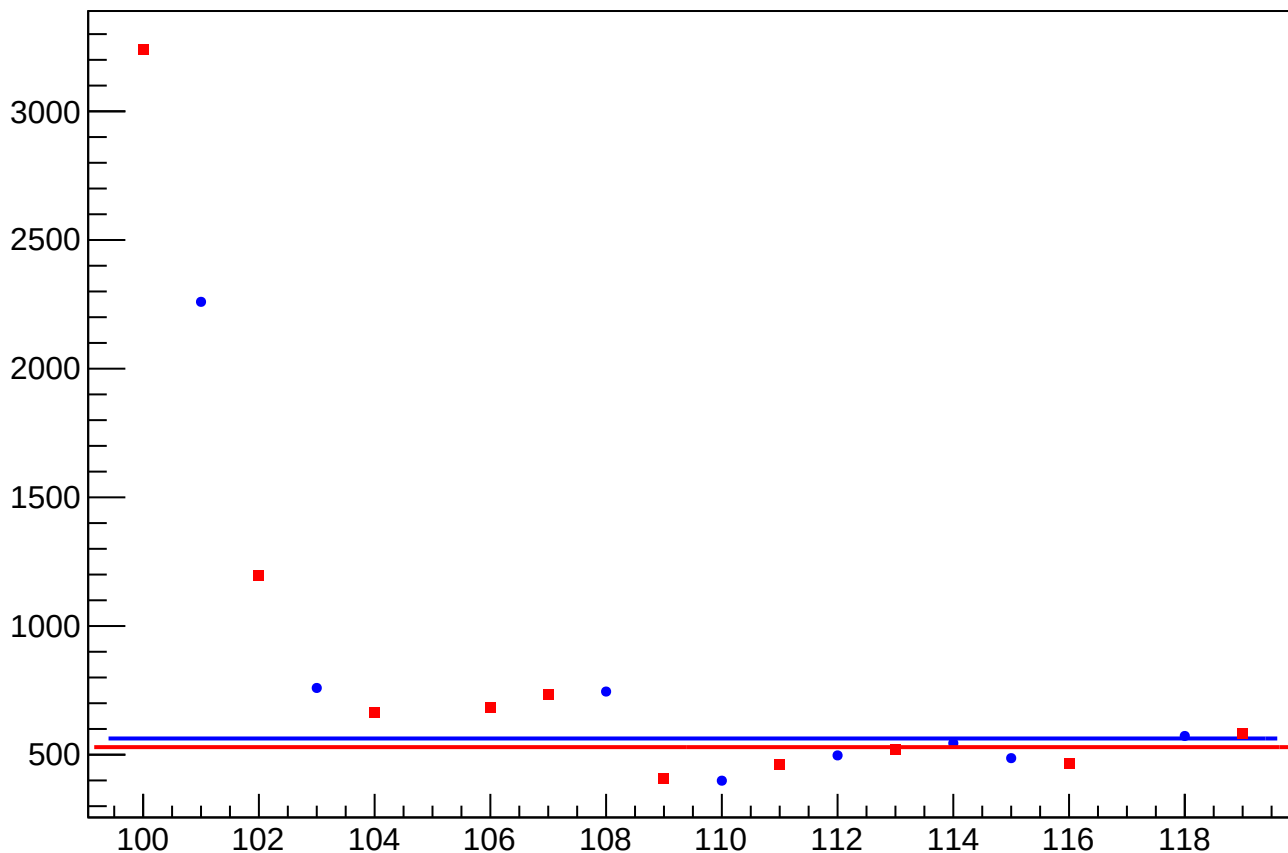
Right: 577.545+/-217.329 χ^2/NDF : 6.9/17

In: 301.649+/-336.530 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.545+/-217.329 χ^2/NDF : 6.9/17

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 563.034+/-0.238 χ^2/NDF : 1015030.7/7

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

Right Out: 529.404+/-0.201 χ^2/NDF : 579208.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

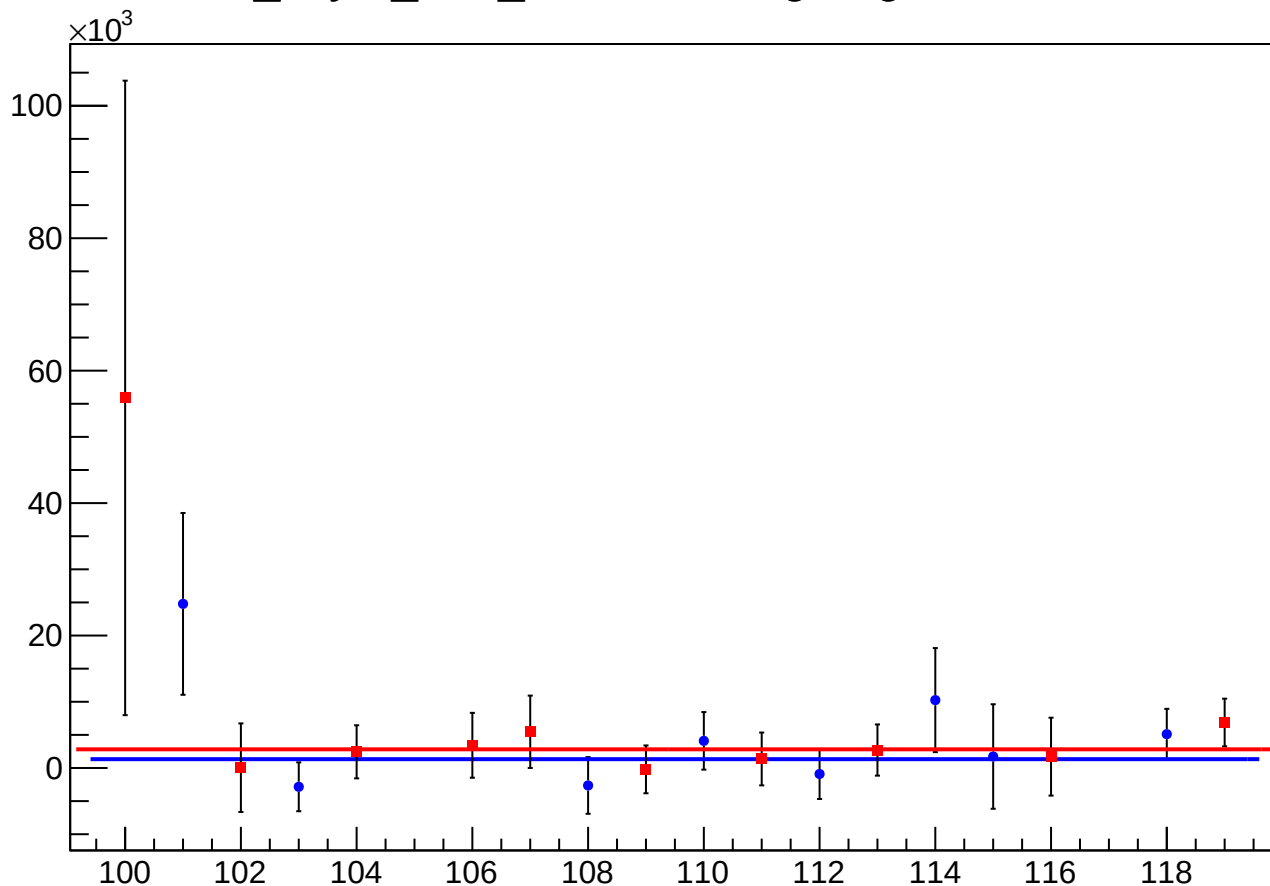
Right: 543.430+/-0.154 χ^2/NDF : 1605881.9/17

In: 563.034+/-0.238 χ^2/NDF : 1015030.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 543.430+/-0.154 χ^2/NDF : 1605881.9/17

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1333.148+/-1673.151 χ^2/NDF : 8.1/7

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

Right Out: 2820.879+/-1454.527 χ^2/NDF : 3.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

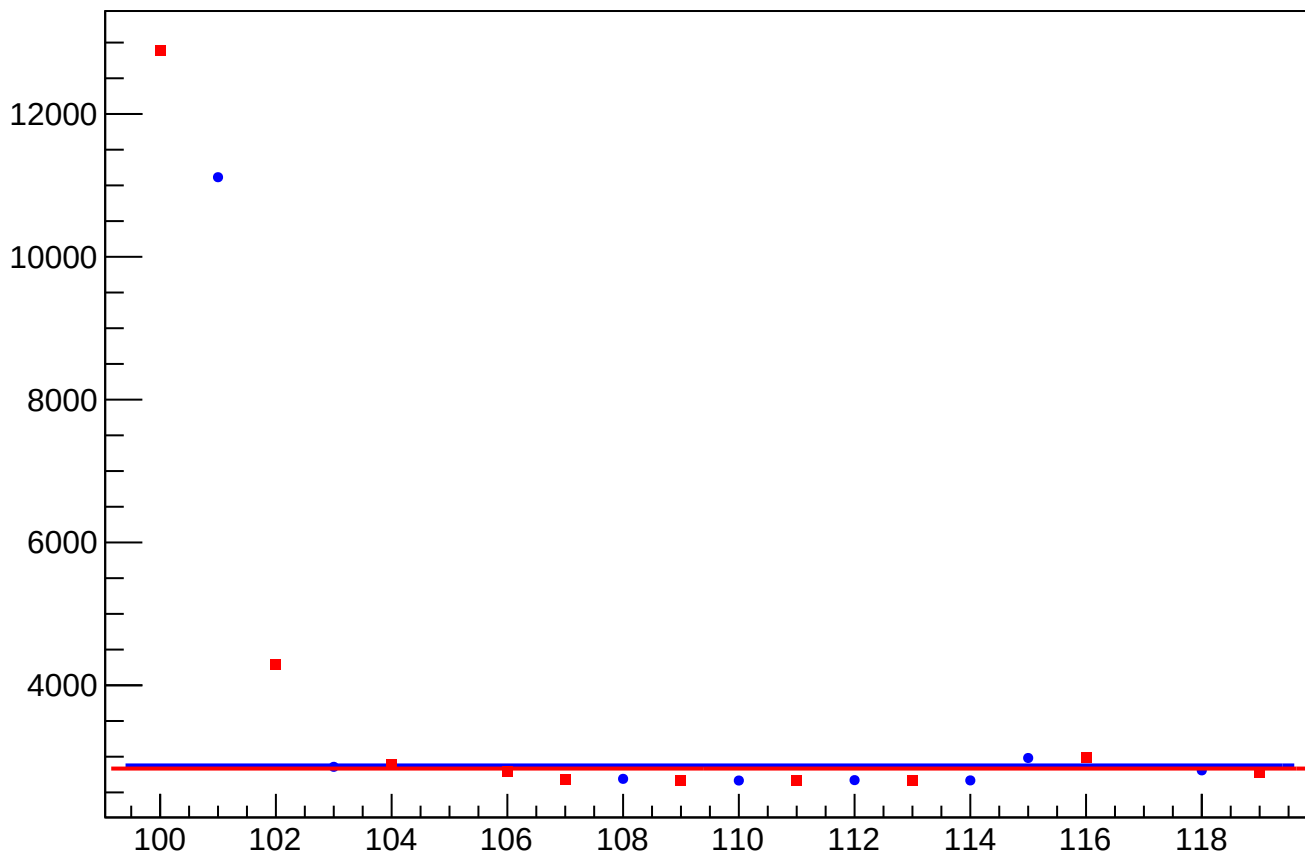
Right: 2180.500+/-1097.719 χ^2/NDF : 12.3/17

In: 1333.148+/-1673.151 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.500+/-1097.719 χ^2/NDF : 12.3/17

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2877.596+/-1.183 χ^2/NDF : 737099.5/7

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

Right Out: 2833.885+/-1.029 χ^2/NDF : 199055.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

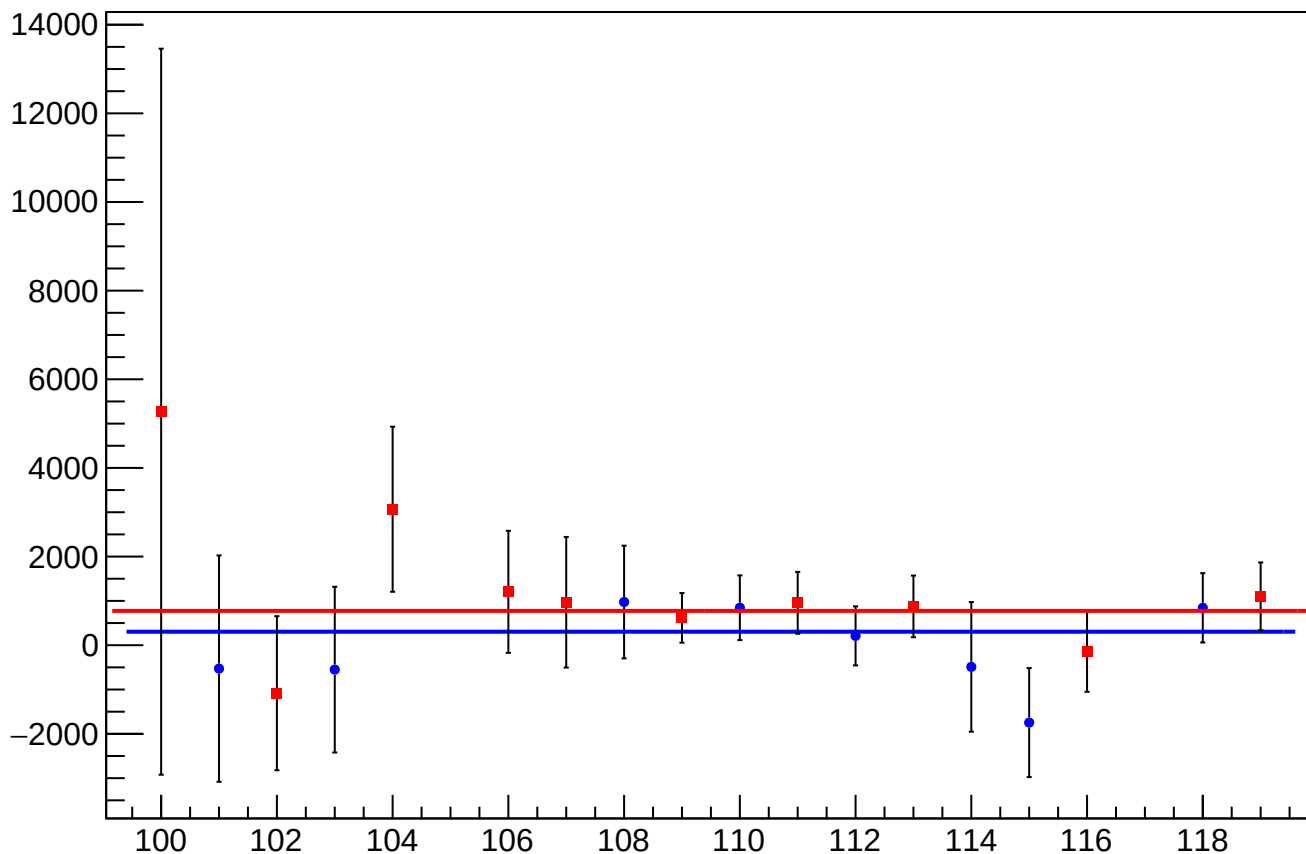
Right: 2852.700+/-0.776 χ^2/NDF : 936932.5/17

In: 2877.596+/-1.183 χ^2/NDF : 737099.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.700+/-0.776 χ^2/NDF : 936932.5/17

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 304.764+/-354.627 χ^2/NDF : 4.7/7

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

Right Out: 774.394+/-290.693 χ^2/NDF : 4.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

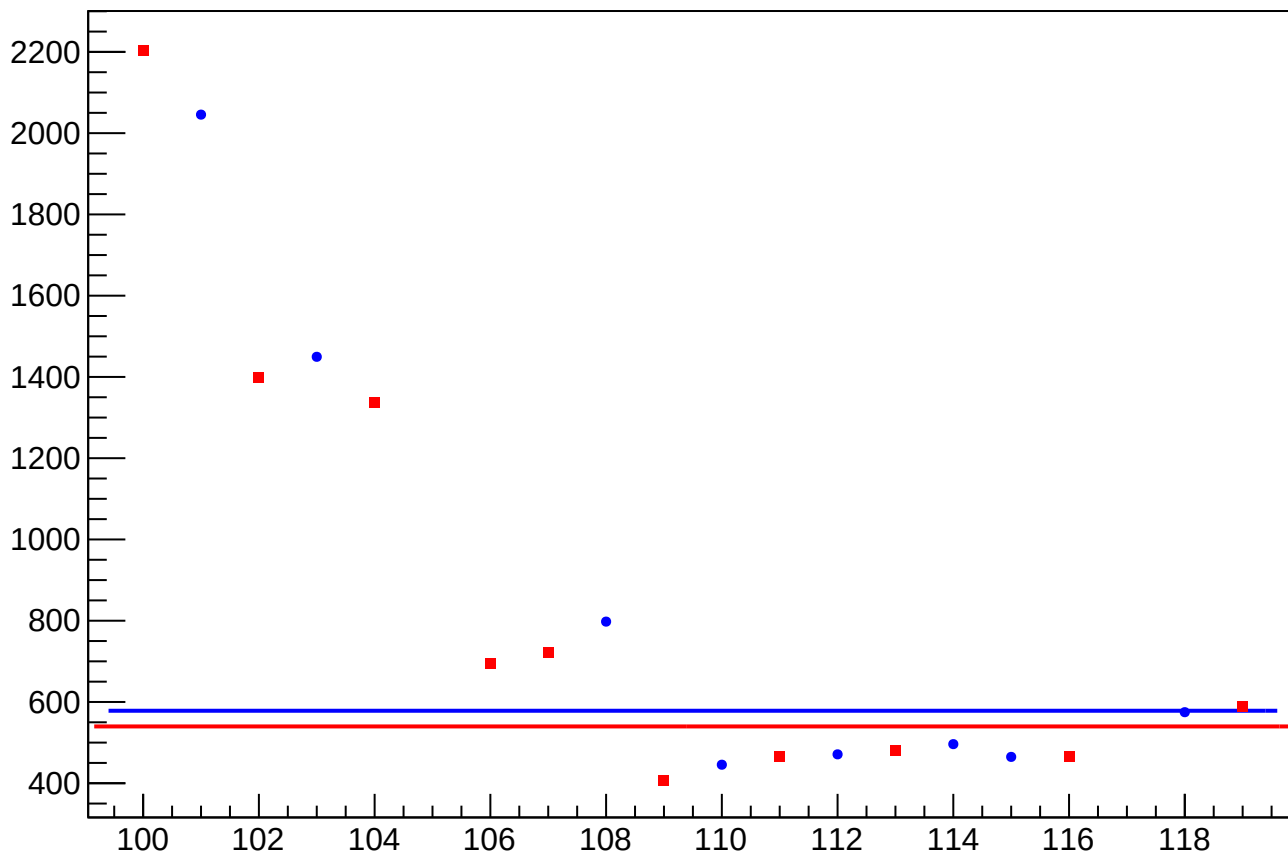
Right: 585.655+/-224.815 χ^2/NDF : 10.2/17

In: 304.764+/-354.627 χ^2/NDF : 4.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.655+/-224.815 χ^2/NDF : 10.2/17

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 578.396+/-0.251 χ^2/NDF : 1295359.0/7

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

Right Out: 539.799+/-0.206 χ^2/NDF : 1164953.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

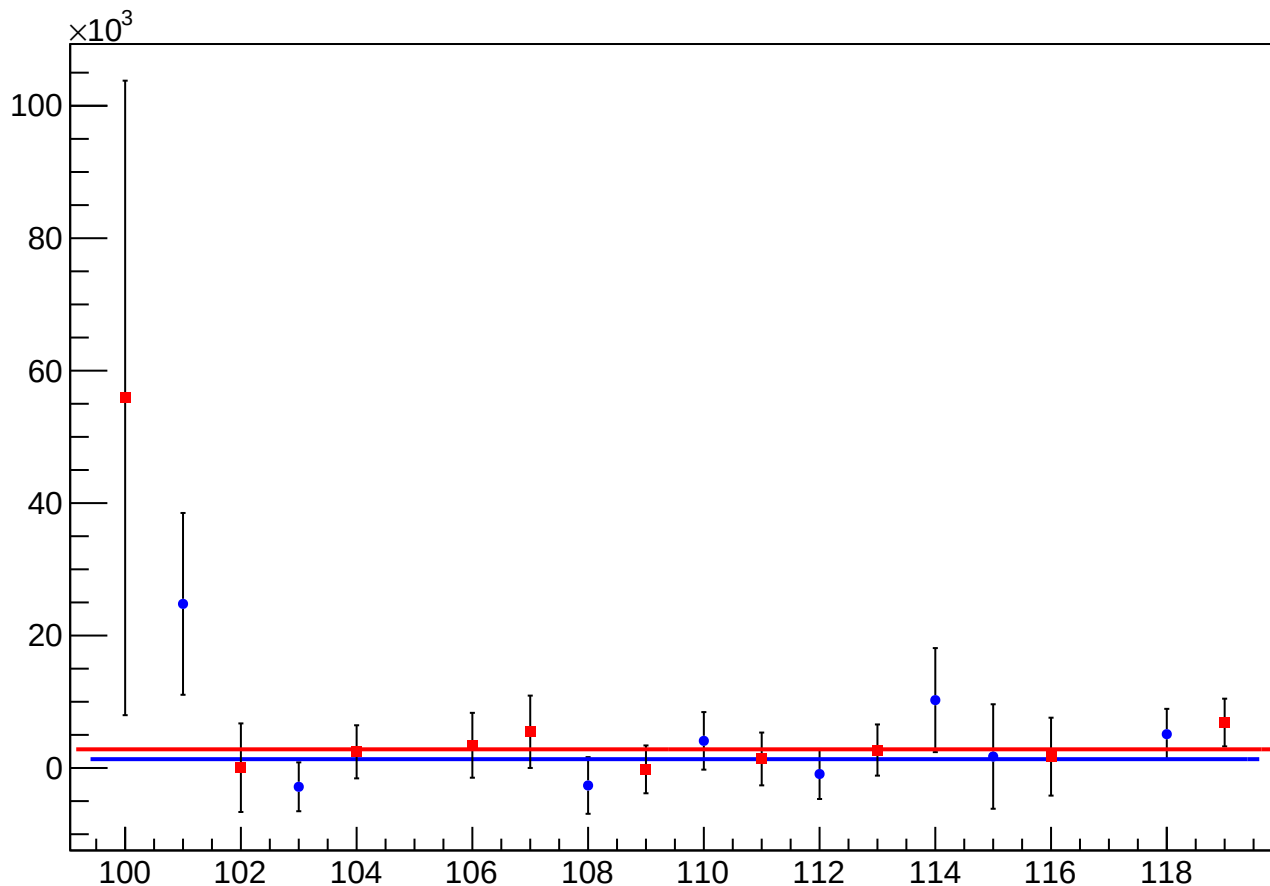
Right: 555.311+/-0.159 χ^2/NDF : 2474482.2/17

In: 578.396+/-0.251 χ^2/NDF : 1295359.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.311+/-0.159 χ^2/NDF : 2474482.2/17

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 1333.149+/-1673.150 χ^2/NDF : 8.1/7

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

Right Out: 2820.876+/-1454.526 χ^2/NDF : 3.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

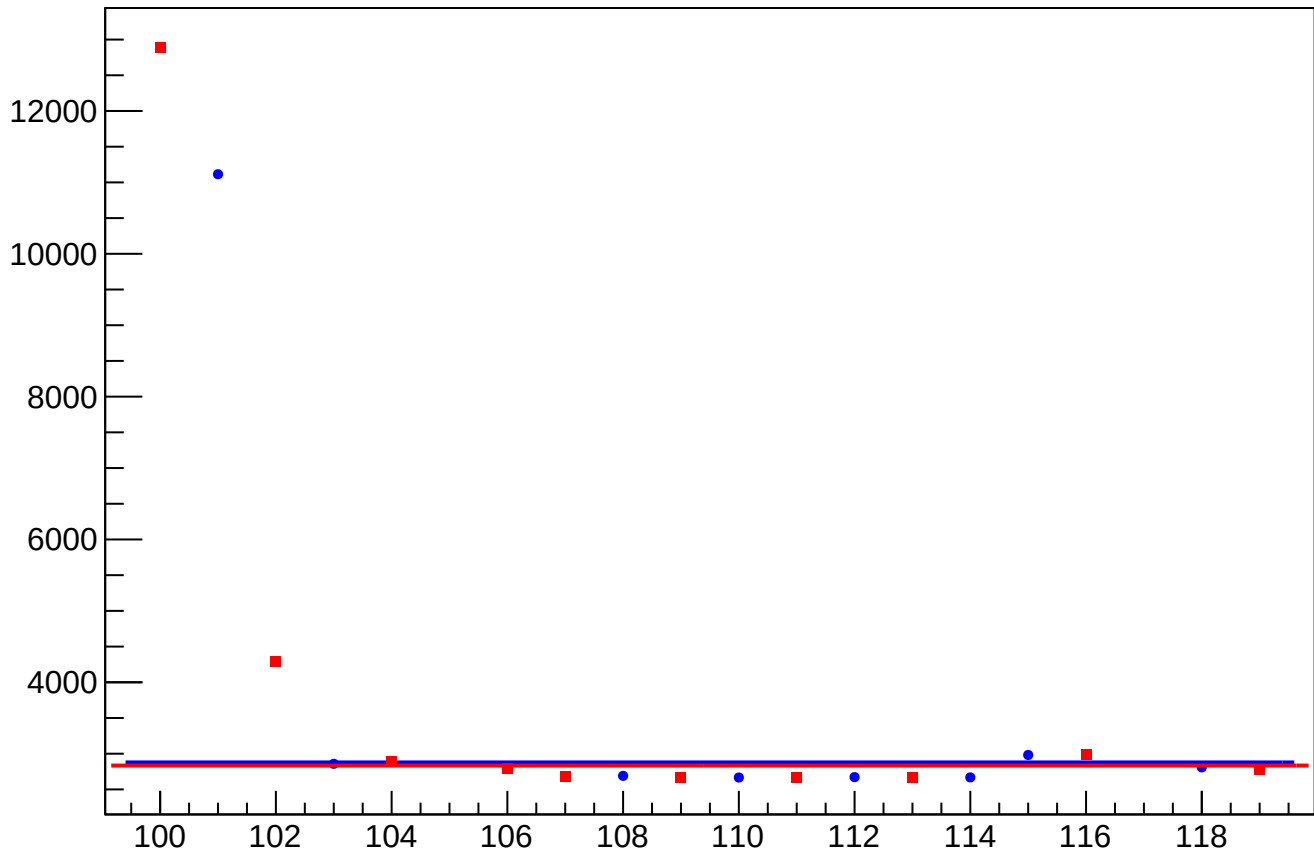
Right: 2180.499+/-1097.719 χ^2/NDF : 12.3/17

In: 1333.149+/-1673.150 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2180.499+/-1097.719 χ^2/NDF : 12.3/17

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2877.596+/-1.183 χ^2/NDF : 737099.5/7

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

Right Out: 2833.884+/-1.029 χ^2/NDF : 199055.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

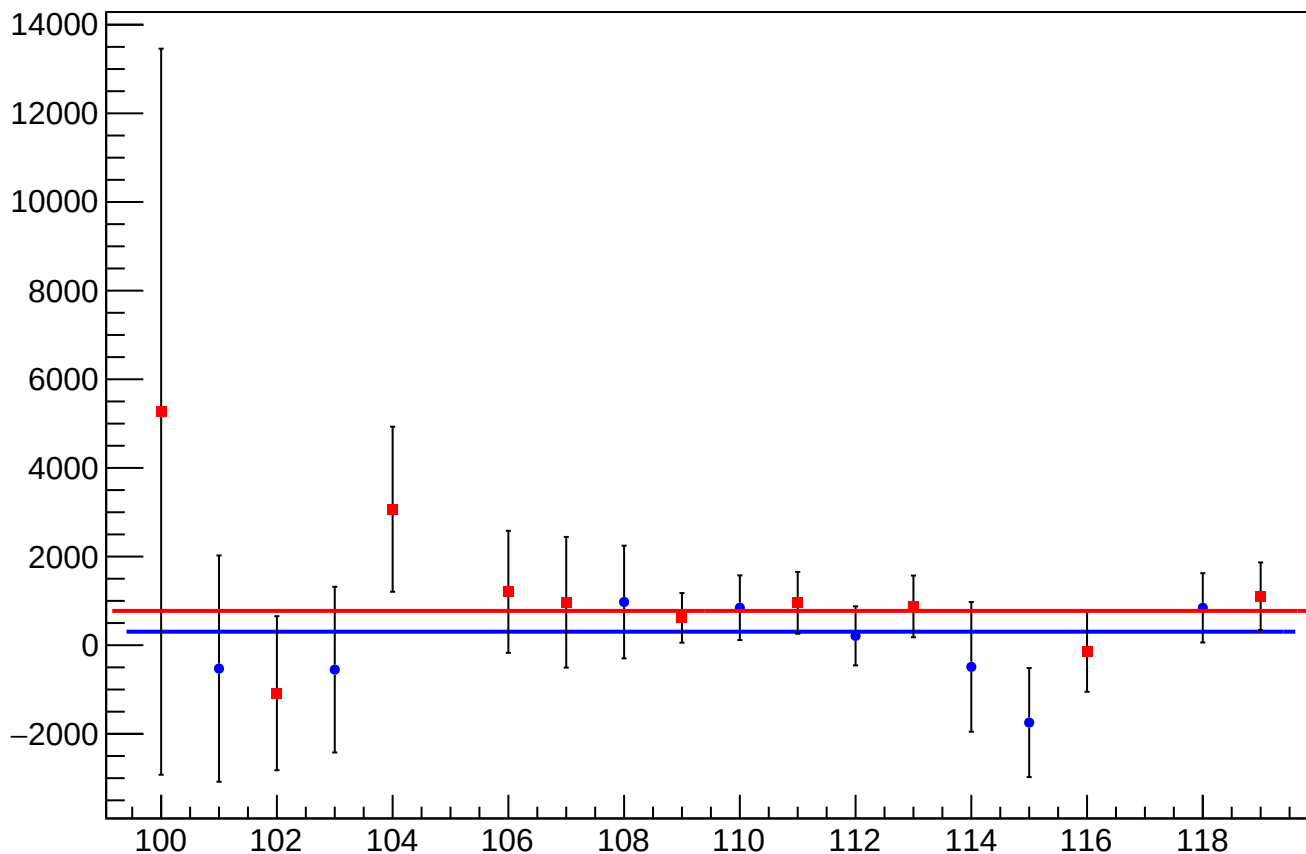
Right: 2852.700+/-0.776 χ^2/NDF : 936932.3/17

In: 2877.596+/-1.183 χ^2/NDF : 737099.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2852.700+/-0.776 χ^2/NDF : 936932.3/17

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 304.766 $\pm$ 354.628 χ^2/NDF : 4.7/7

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

Right Out: 774.394 $\pm$ 290.693 χ^2/NDF : 4.4/9

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

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

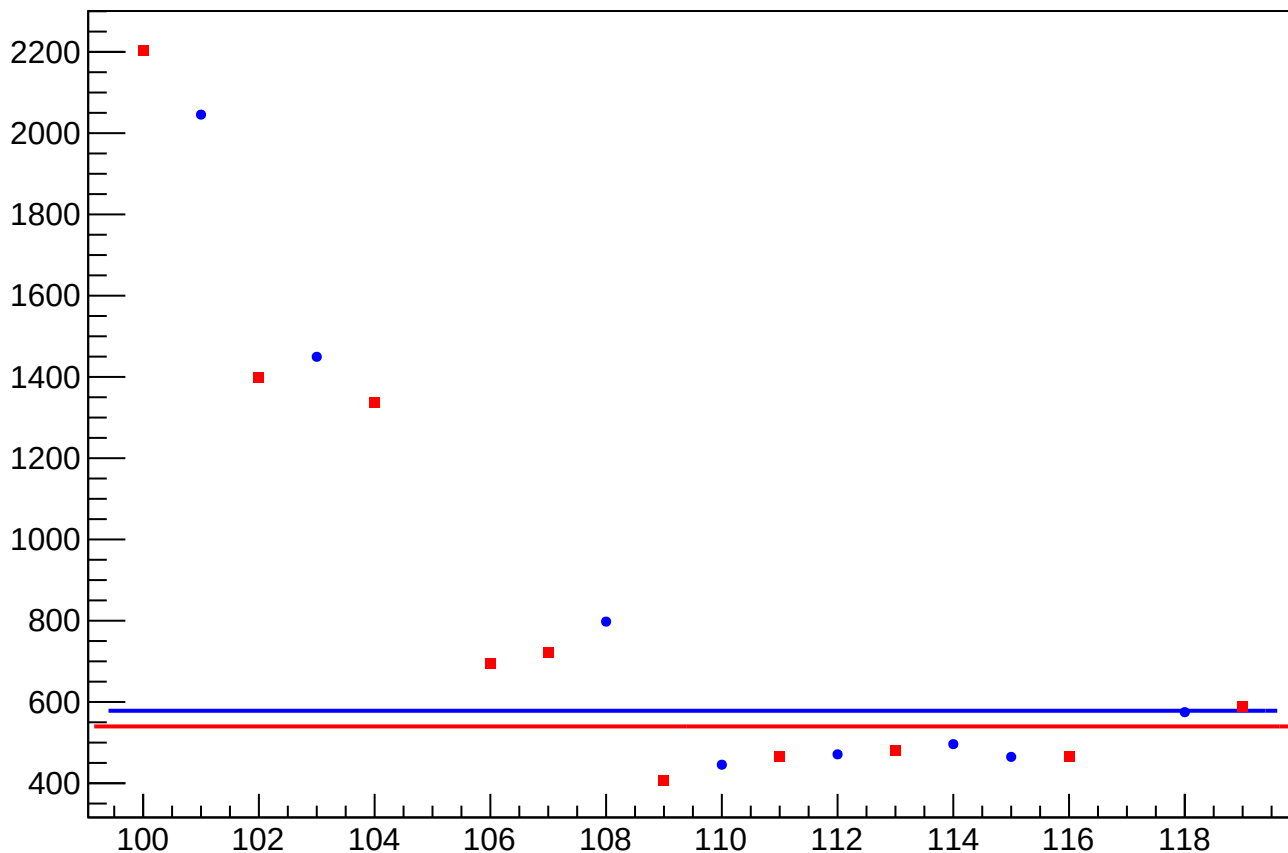
Right: 585.655 $\pm$ 224.815 χ^2/NDF : 10.2/17

In: 304.766 $\pm$ 354.628 χ^2/NDF :4.7/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 585.655 $\pm$ 224.815 χ^2/NDF : 10.2/17

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 578.397+/-0.251 χ^2/NDF : 1295352.0/7

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

Right Out: 539.799+/-0.206 χ^2/NDF : 1164948.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

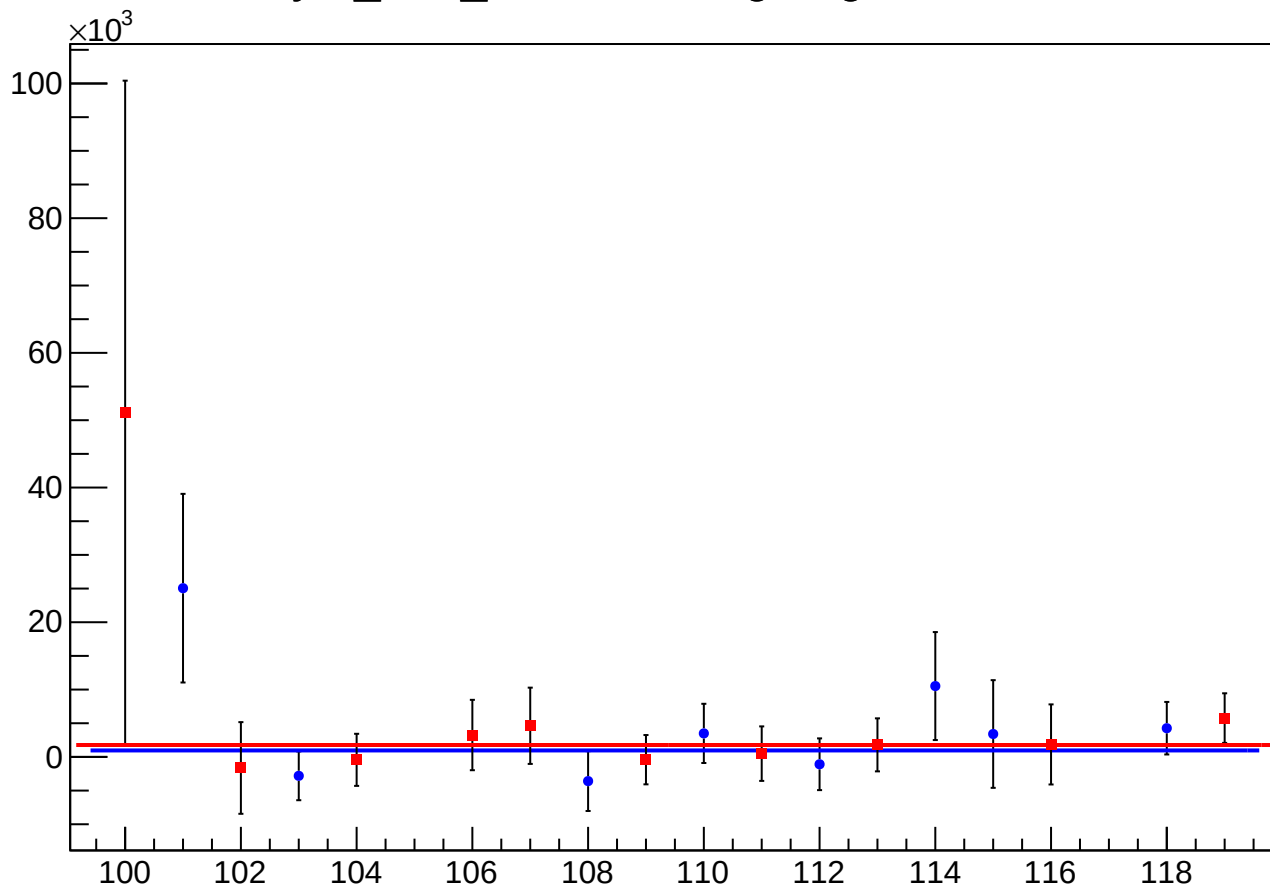
Right: 555.312+/-0.159 χ^2/NDF : 2474471.7/17

In: 578.397+/-0.251 χ^2/NDF : 1295352.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.312+/-0.159 χ^2/NDF : 2474471.7/17

asym_atr1_mean vs Slug, Sign Corrected



Right In: 960.625+/-1693.585 χ^2/NDF : 7.9/7

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

Right Out: 1768.677+/-1476.225 χ^2/NDF : 3.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

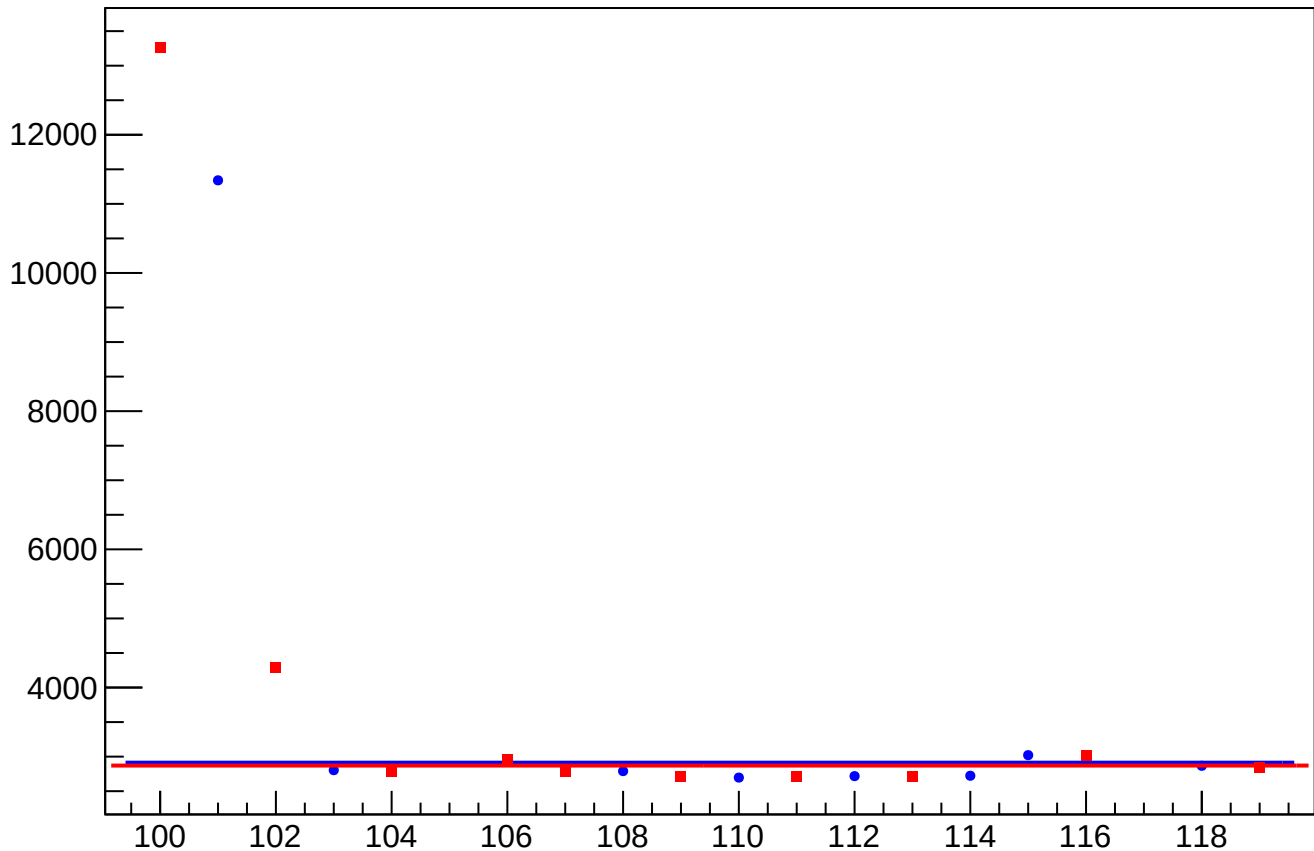
Right: 1419.801+/-1112.814 χ^2/NDF : 11.6/17

In: 960.625+/-1693.585 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1419.801+/-1112.814 χ^2/NDF : 11.6/17

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2912.392+/-1.198 χ^2/NDF : 739299.7/7

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

Right Out: 2870.737+/-1.044 χ^2/NDF : 190135.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

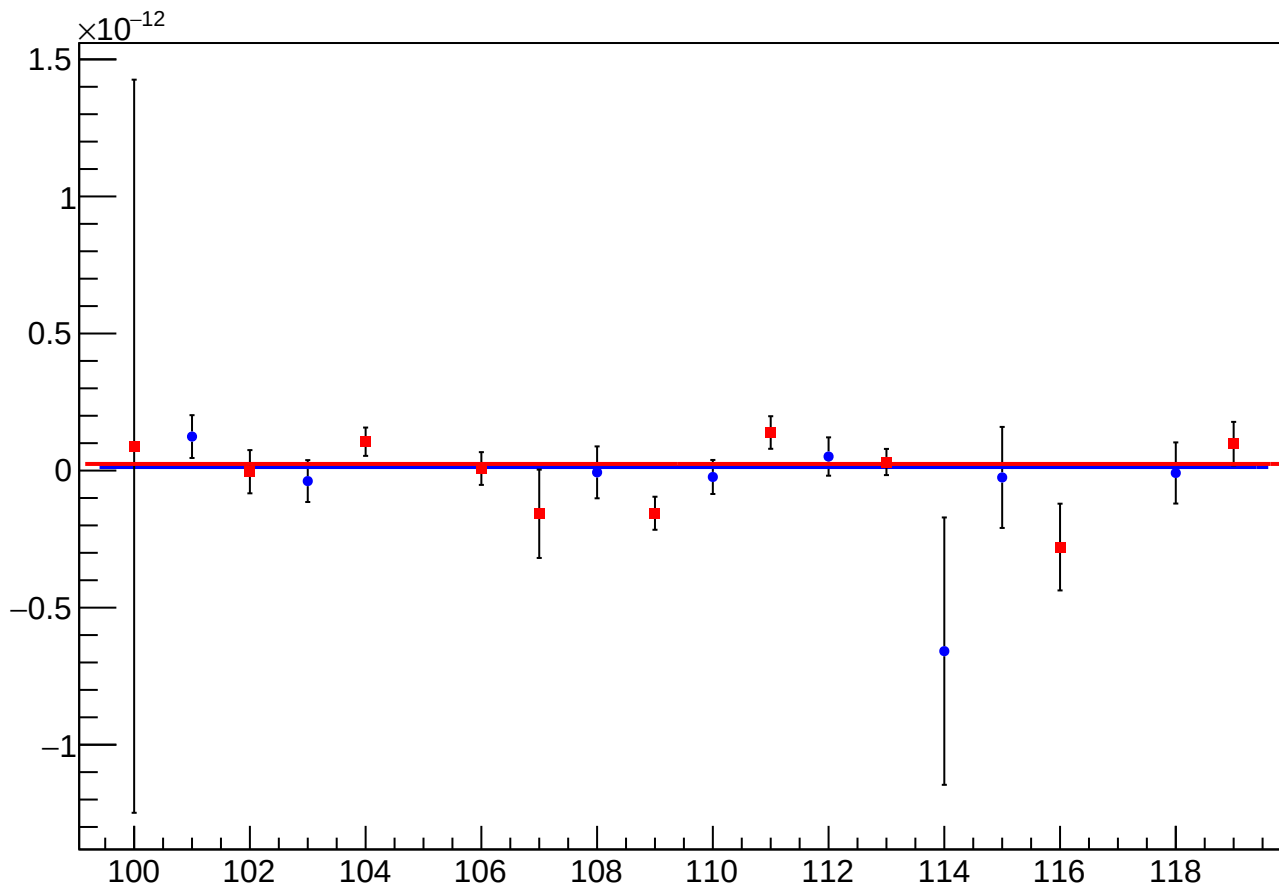
Right: 2888.722+/-0.787 χ^2/NDF : 930122.3/17

In: 2912.392+/-1.198 χ^2/NDF : 739299.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2888.722+/-0.787 χ^2/NDF : 930122.3/17

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 21.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

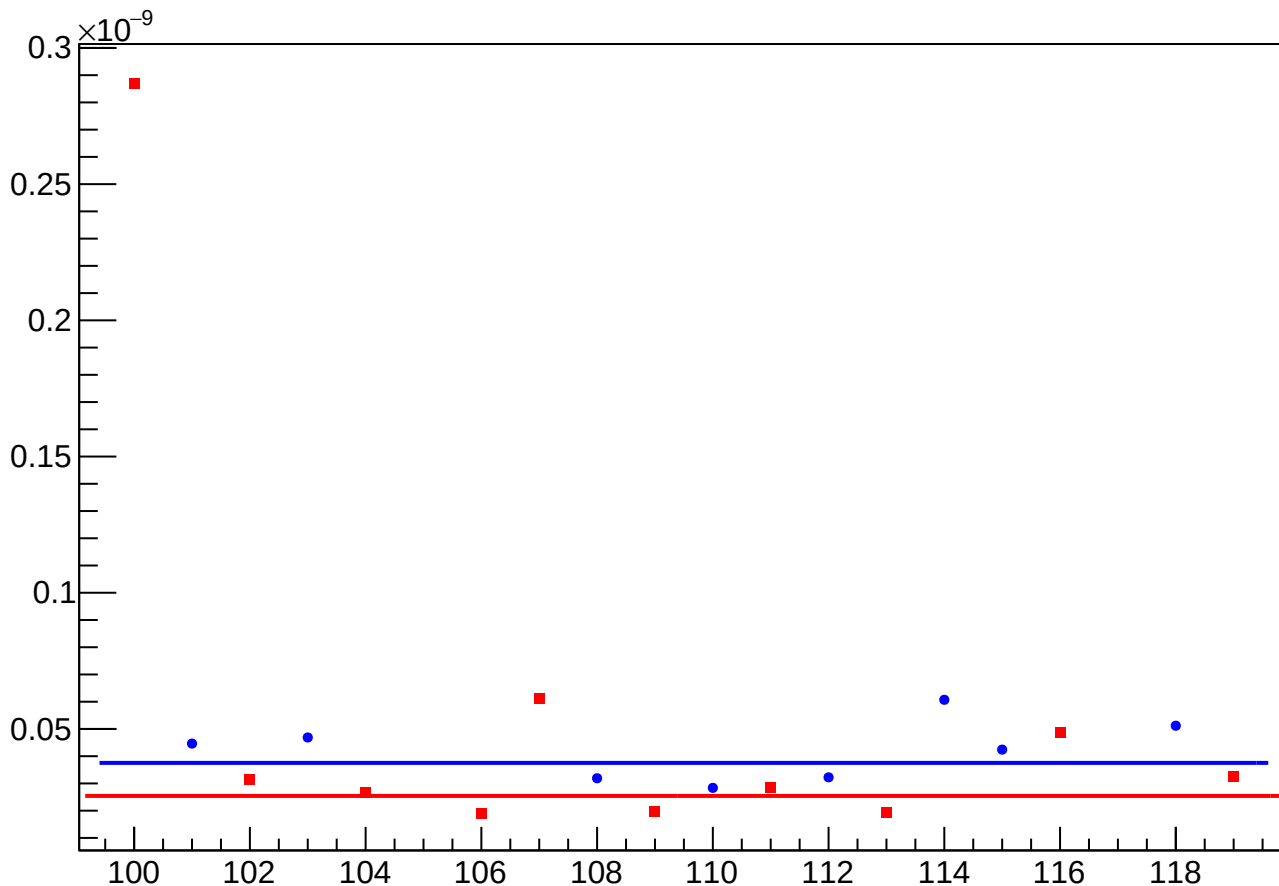
Right: 0.000+/-0.000 χ^2/NDF : 26.4/17

In: 0.000+/-0.000 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.4/17

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 144435.6/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 326771.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

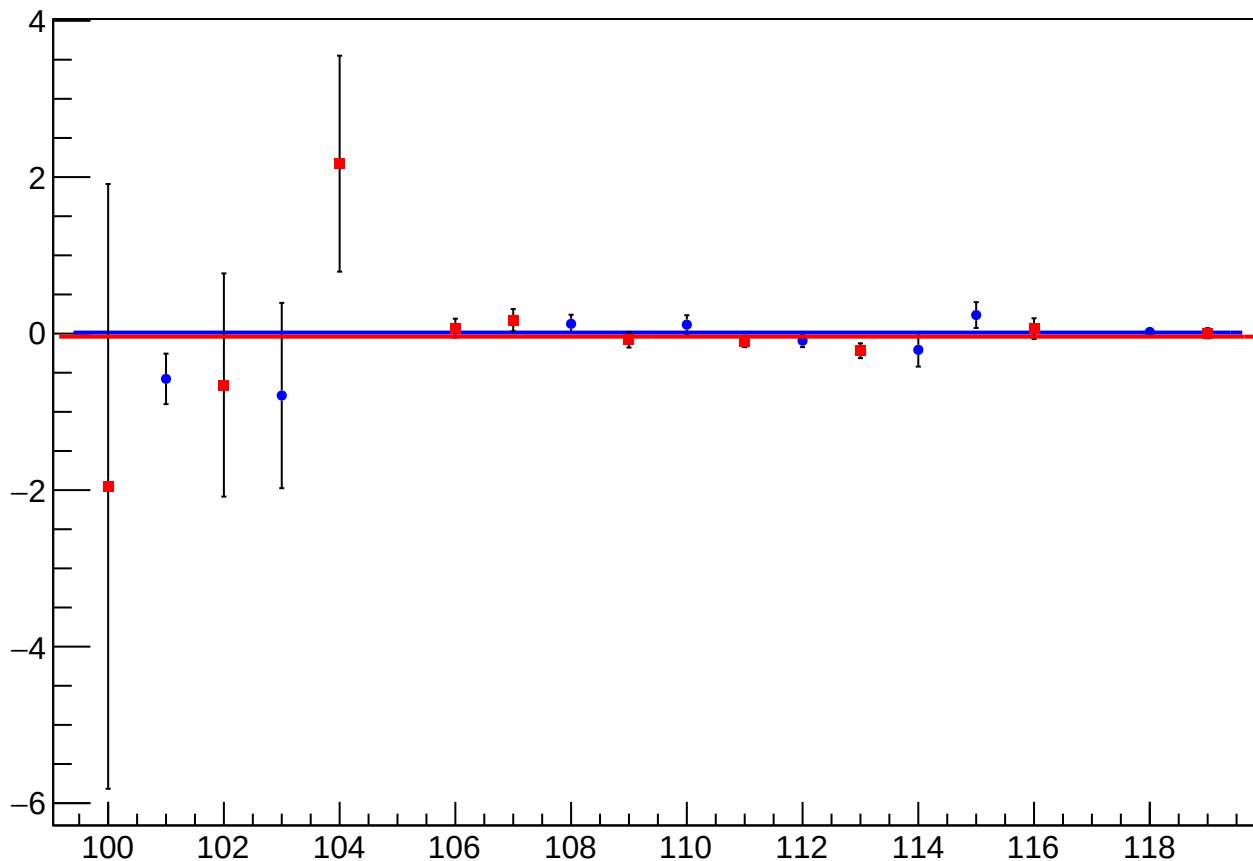
Right: 0.000+/-0.000 χ^2/NDF : 672258.7/17

In: 0.000+/-0.000 χ^2/NDF : 144435.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 672258.7/17

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.037 χ^2/NDF : 10.0/7

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

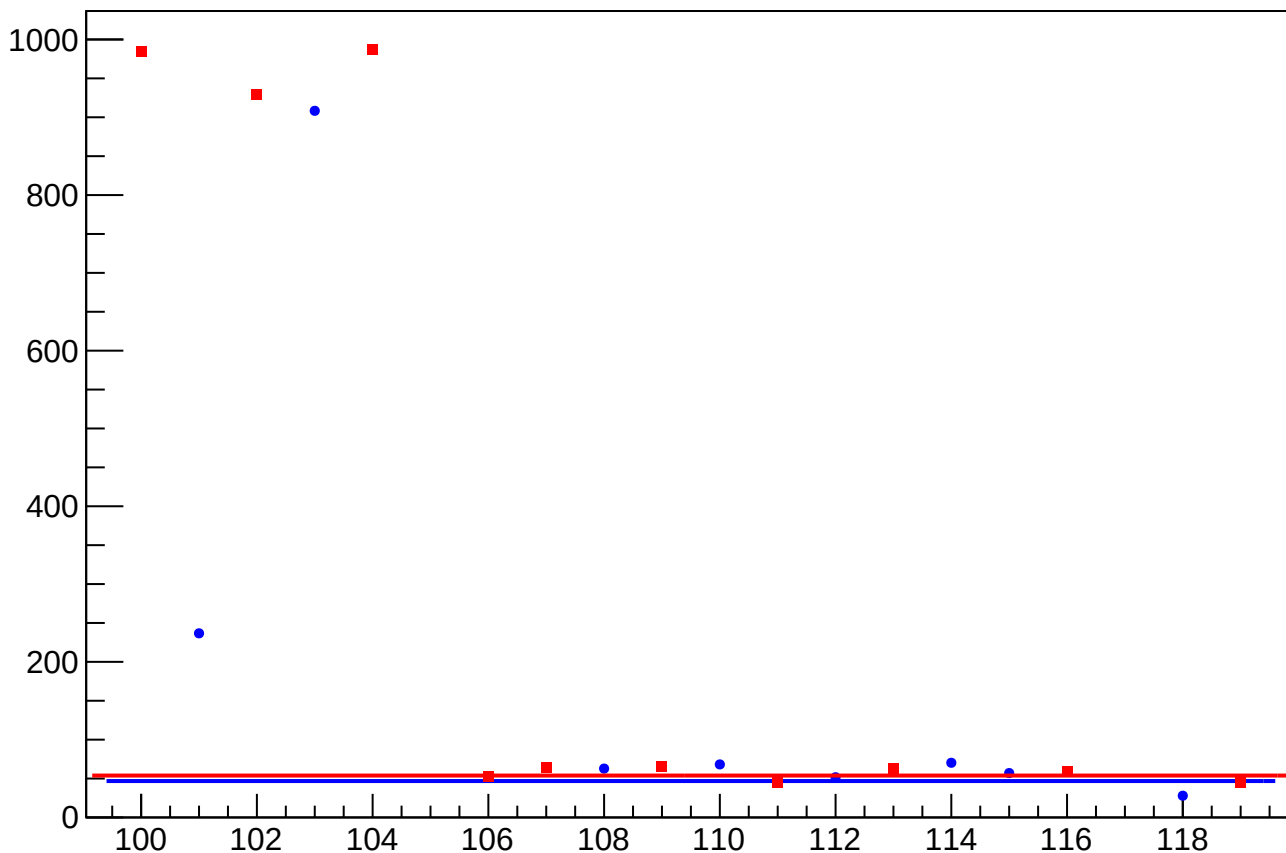
Right: -0.015+/-0.026 χ^2/NDF : 22.6/17

In: 0.013+/-0.037 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.026 χ^2/NDF : 22.6/17

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.796+/-0.026 χ^2/NDF : 2145630.8/7

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

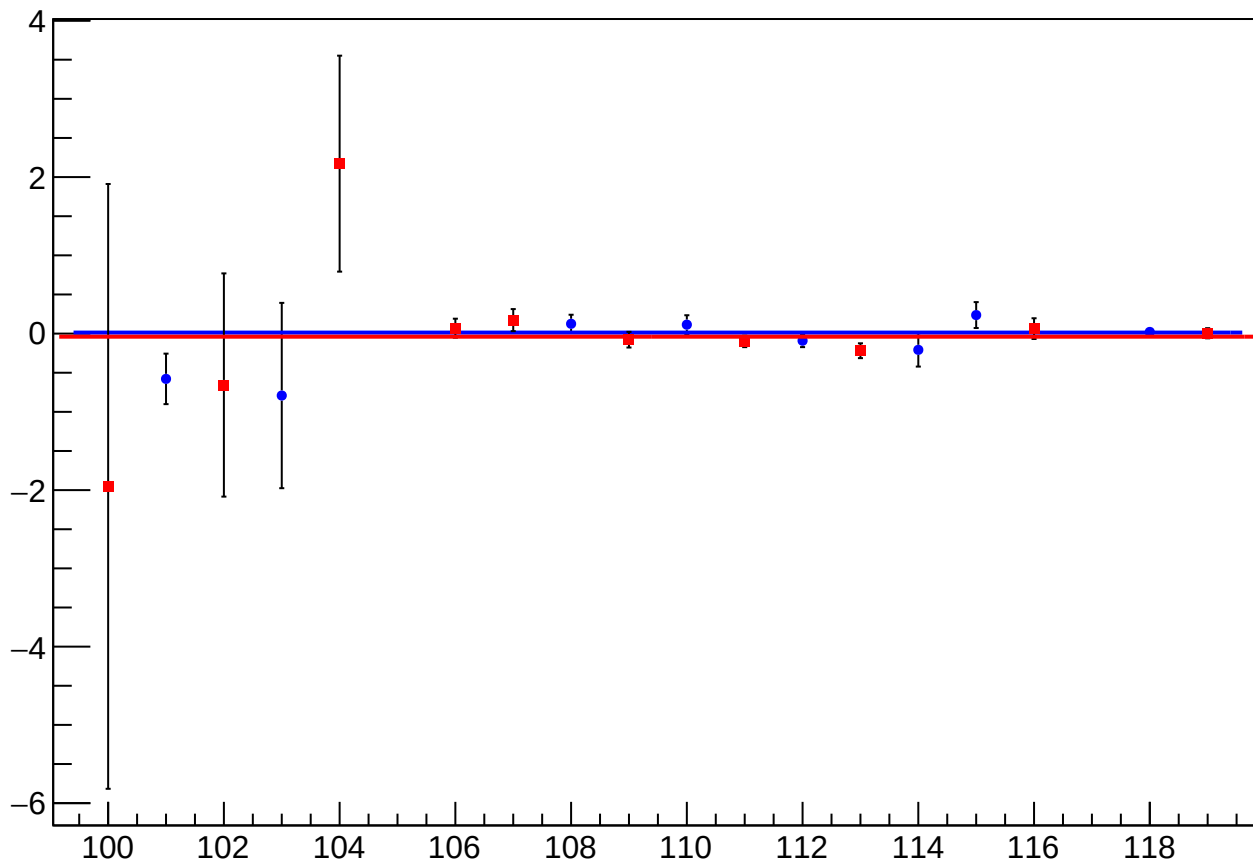
Right: 50.551+/-0.018 χ^2/NDF : 4102205.7/17

In: 46.796+/-0.026 χ^2/NDF : 2145630.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.551+/-0.018 χ^2/NDF : 4102205.7/17

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.037 χ^2/NDF : 10.0/7

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

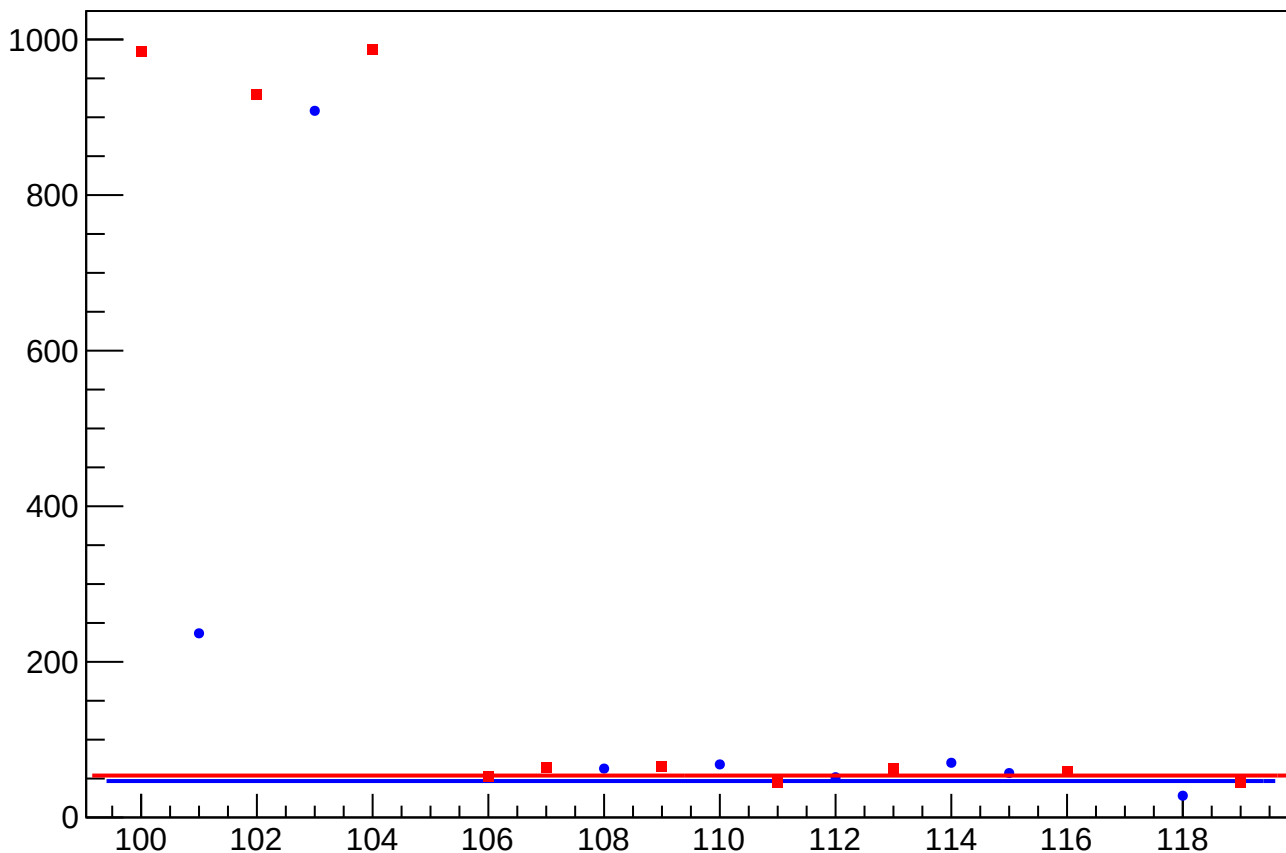
Right: -0.015+/-0.026 χ^2/NDF : 22.6/17

In: 0.013+/-0.037 χ^2/NDF :10.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.026 χ^2/NDF : 22.6/17

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.796+/-0.026 χ^2/NDF : 2145630.8/7

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

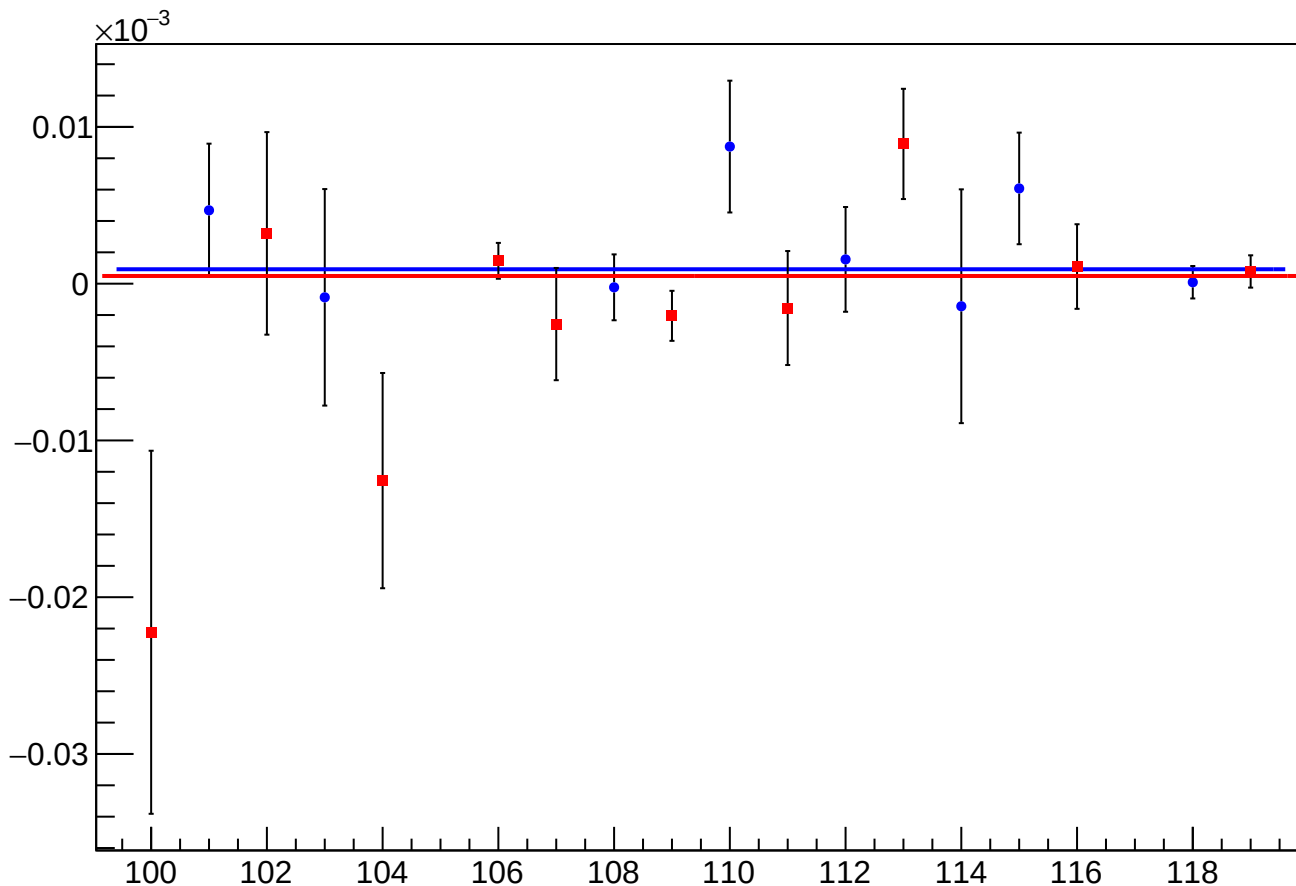
Right: 50.551+/-0.018 χ^2/NDF : 4102205.7/17

In: 46.796+/-0.026 χ^2/NDF : 2145630.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.551+/-0.018 χ^2/NDF : 4102205.7/17

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.5/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 17.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

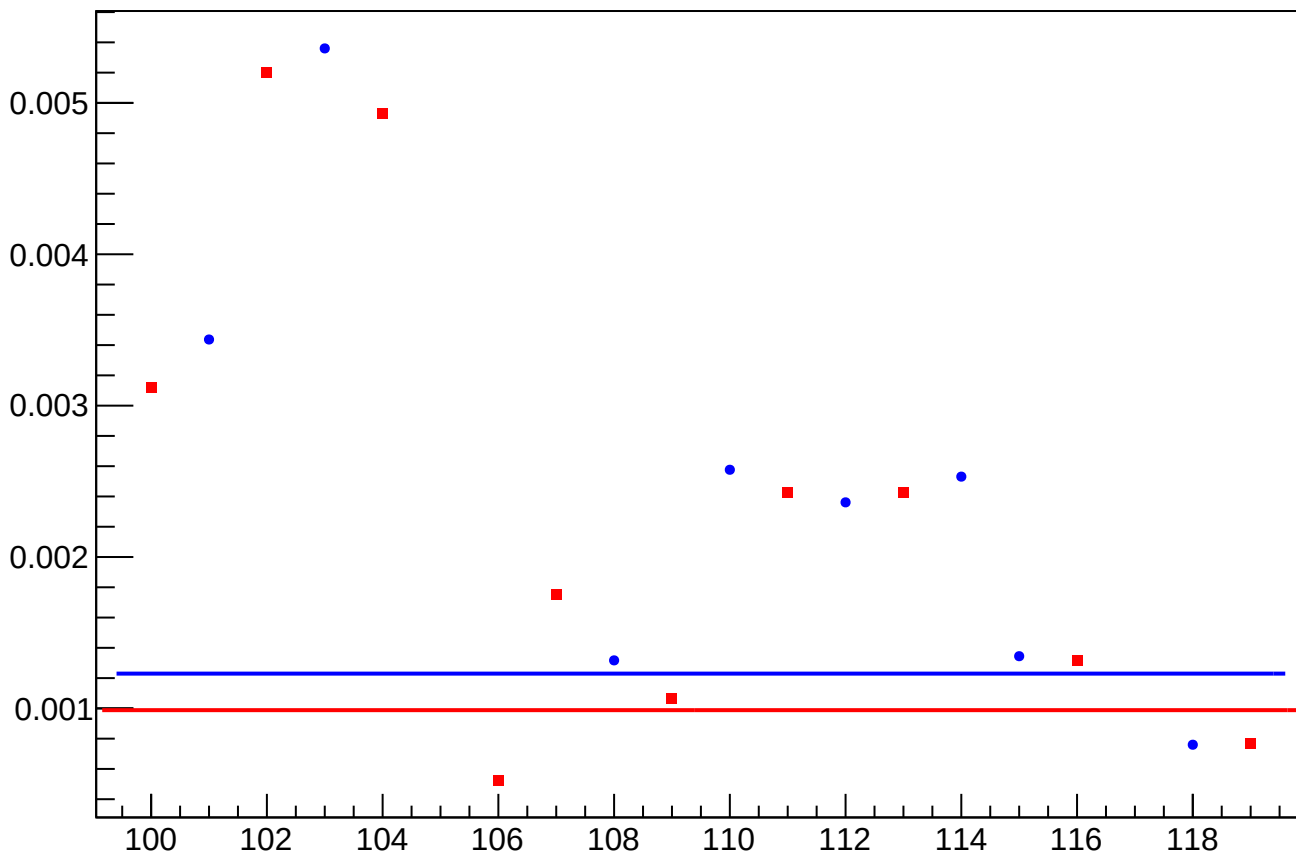
Right: 0.000+/-0.000 χ^2/NDF : 25.5/17

In: 0.000+/-0.000 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/17

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2167439.1/7

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

Right Out: 0.001+/-0.000 χ^2/NDF : 2769830.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

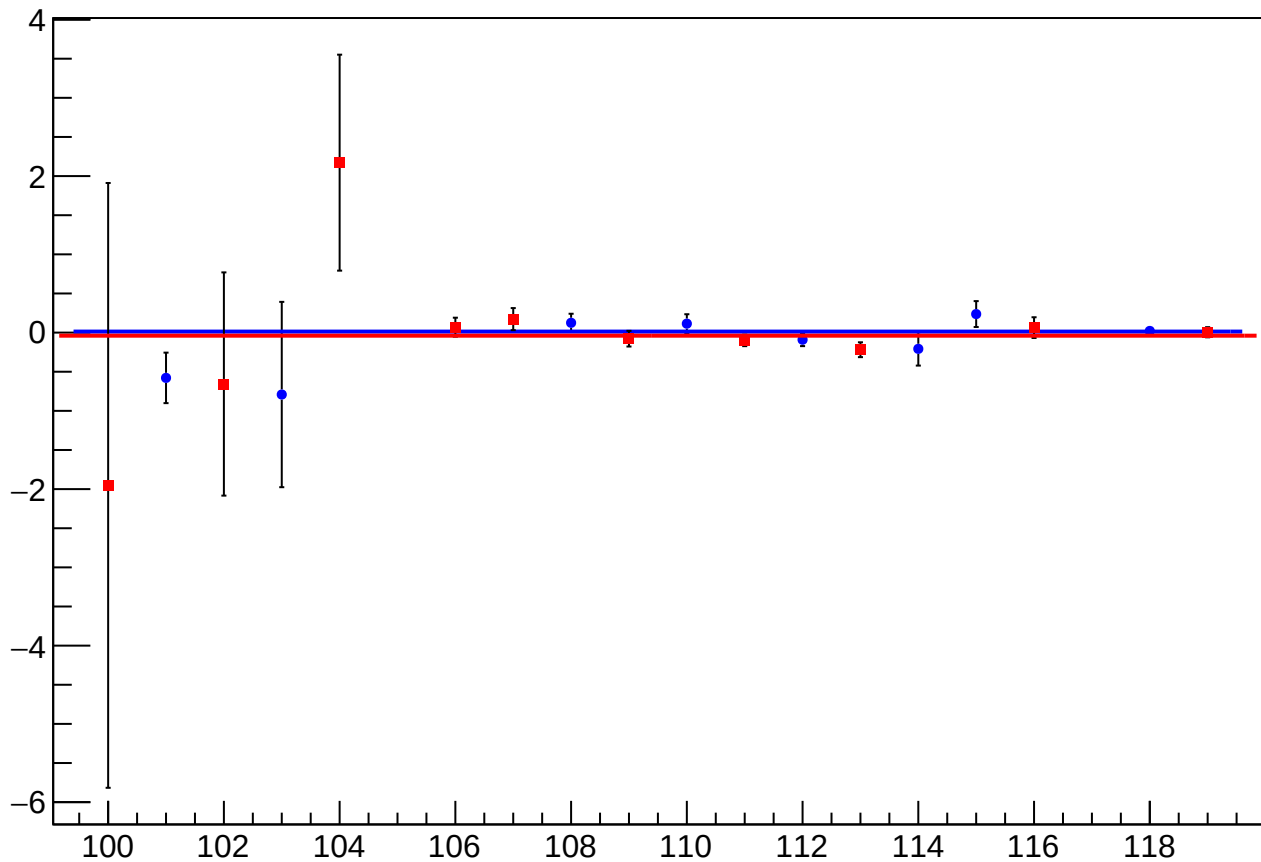
Right: 0.001+/-0.000 χ^2/NDF : 5045969.2/17

In: 0.001+/-0.000 χ^2/NDF : 2167439.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5045969.2/17

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.037 χ^2 /NDF: 10.0/7

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

Right Out: -0.039 $\pm$ 0.035 χ^2 /NDF: 11.5/9

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

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

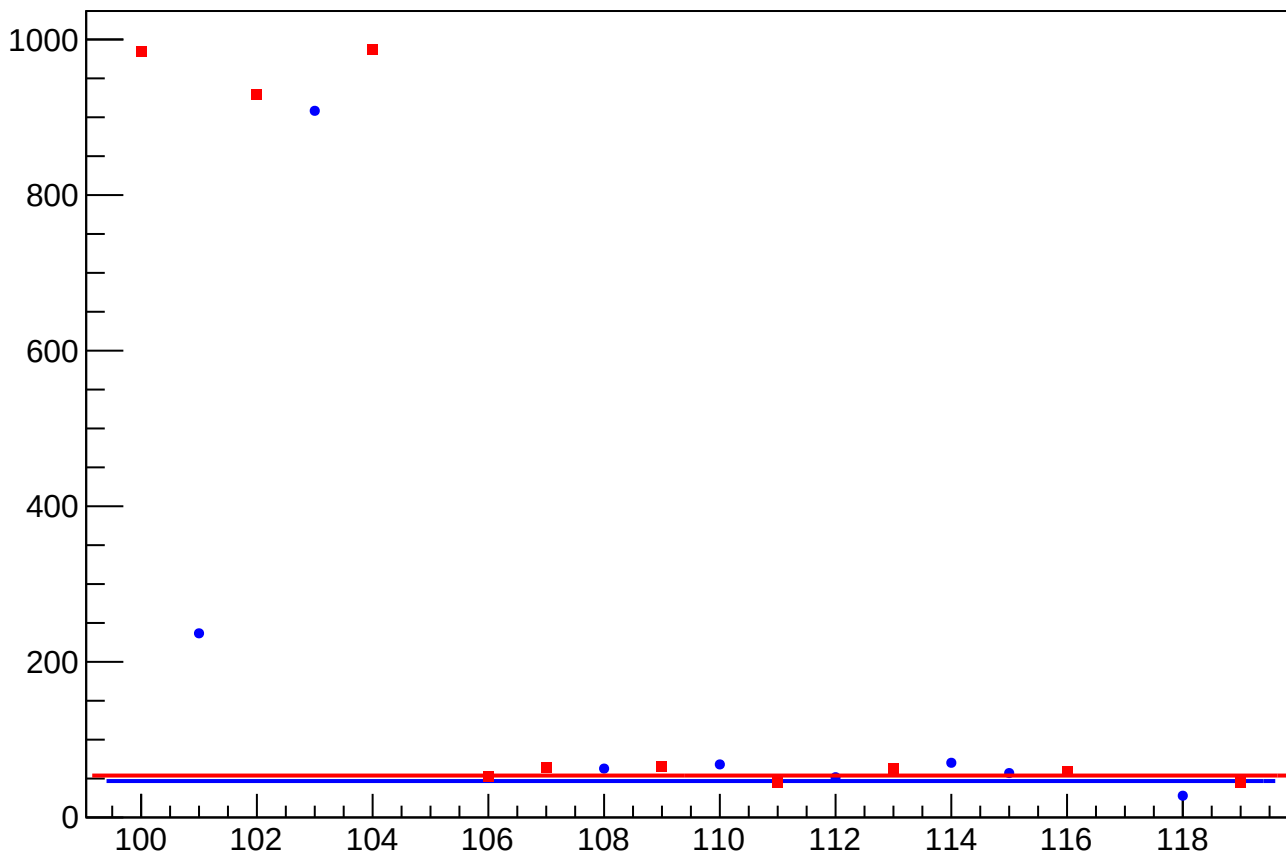
Right: -0.015 $\pm$ 0.026 χ^2 /NDF: 22.6/17

In: 0.013 $\pm$ 0.037 χ^2 /NDF:10.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.026 χ^2 /NDF: 22.6/17

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.795+/-0.026 χ^2/NDF : 2145679.1/7

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

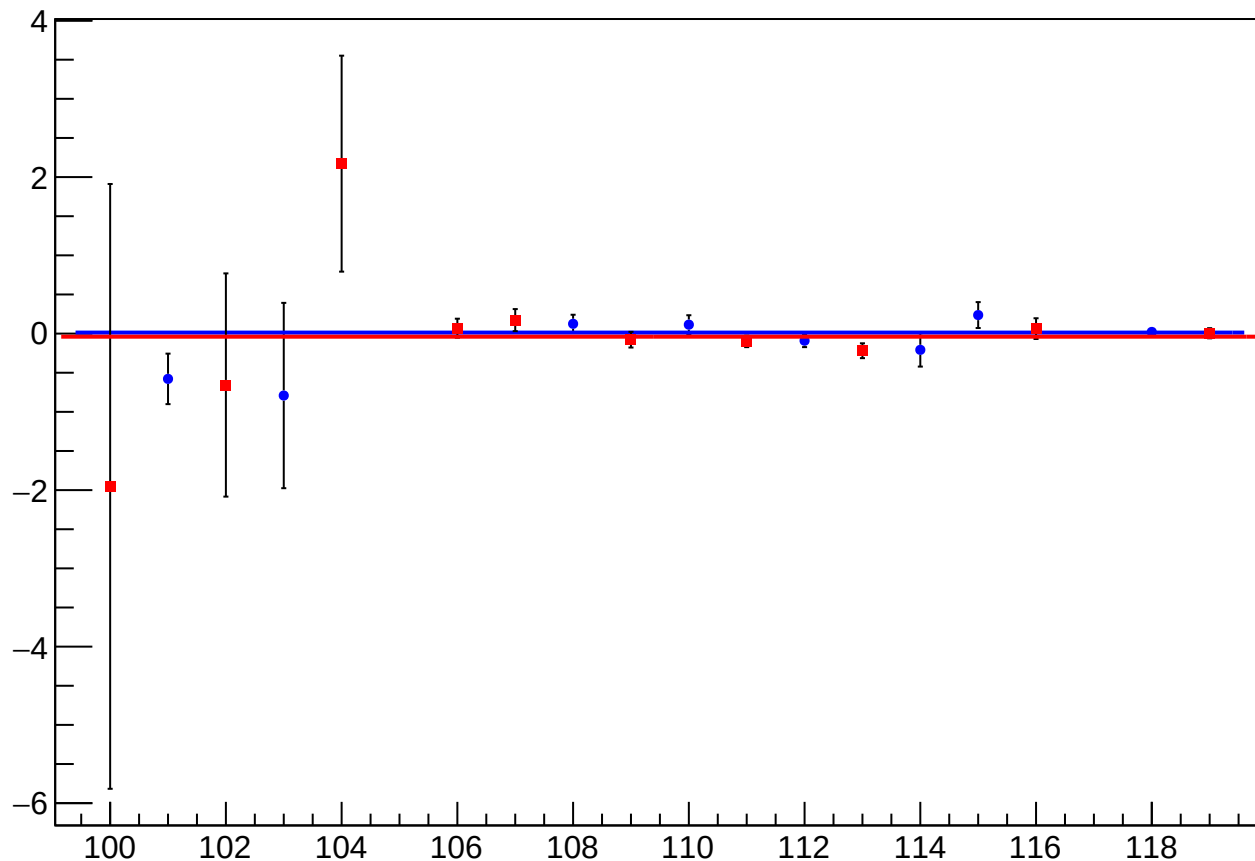
Right: 50.551+/-0.018 χ^2/NDF : 4102265.2/17

In: 46.795+/-0.026 χ^2/NDF : 2145679.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.551+/-0.018 χ^2/NDF : 4102265.2/17

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013+/-0.037 χ^2/NDF : 10.0/7

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

Right Out: -0.039+/-0.035 χ^2/NDF : 11.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

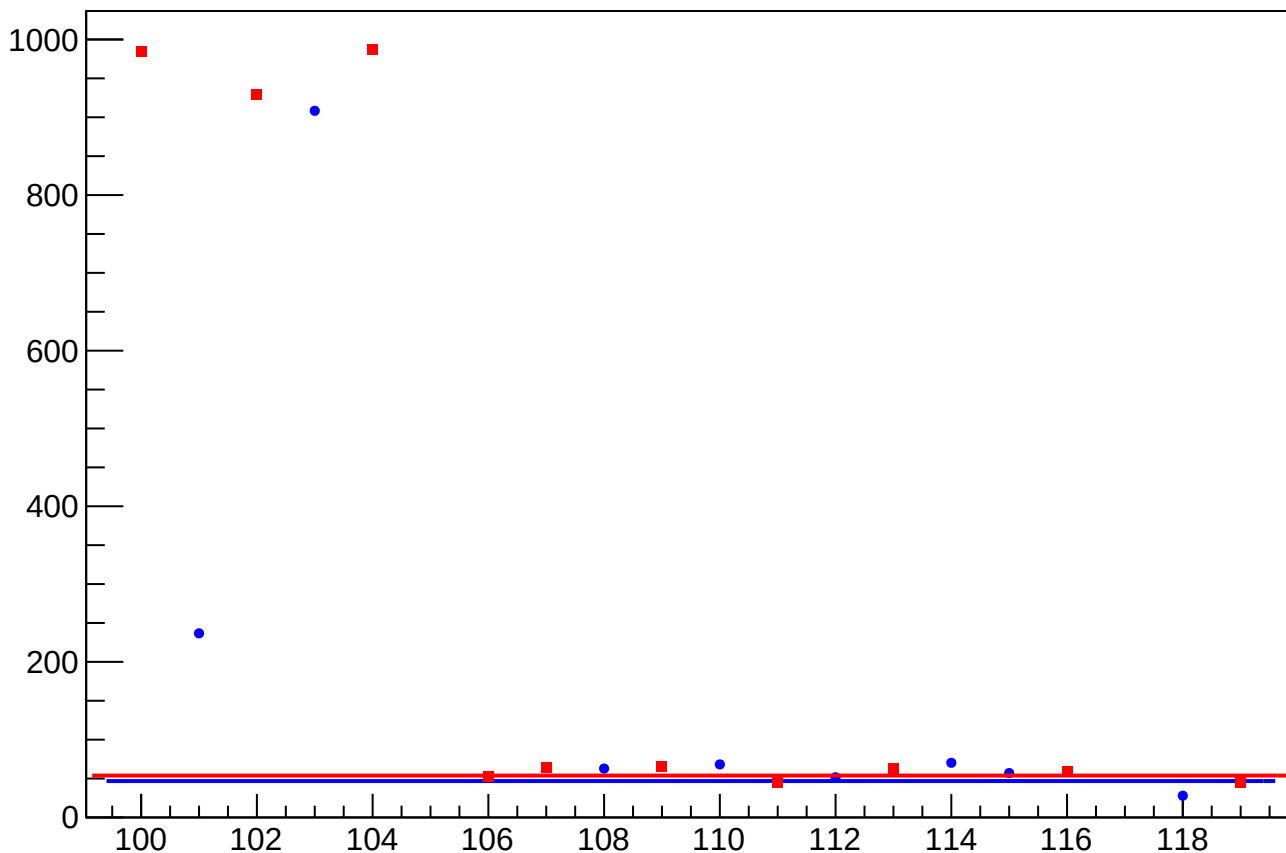
Right: -0.015+/-0.026 χ^2/NDF : 22.6/17

In: 0.013+/-0.037 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.015+/-0.026 χ^2/NDF : 22.6/17

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.795+/-0.026 χ^2/NDF : 2145679.1/7

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

Right Out: 53.865+/-0.025 χ^2/NDF : 1918484.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

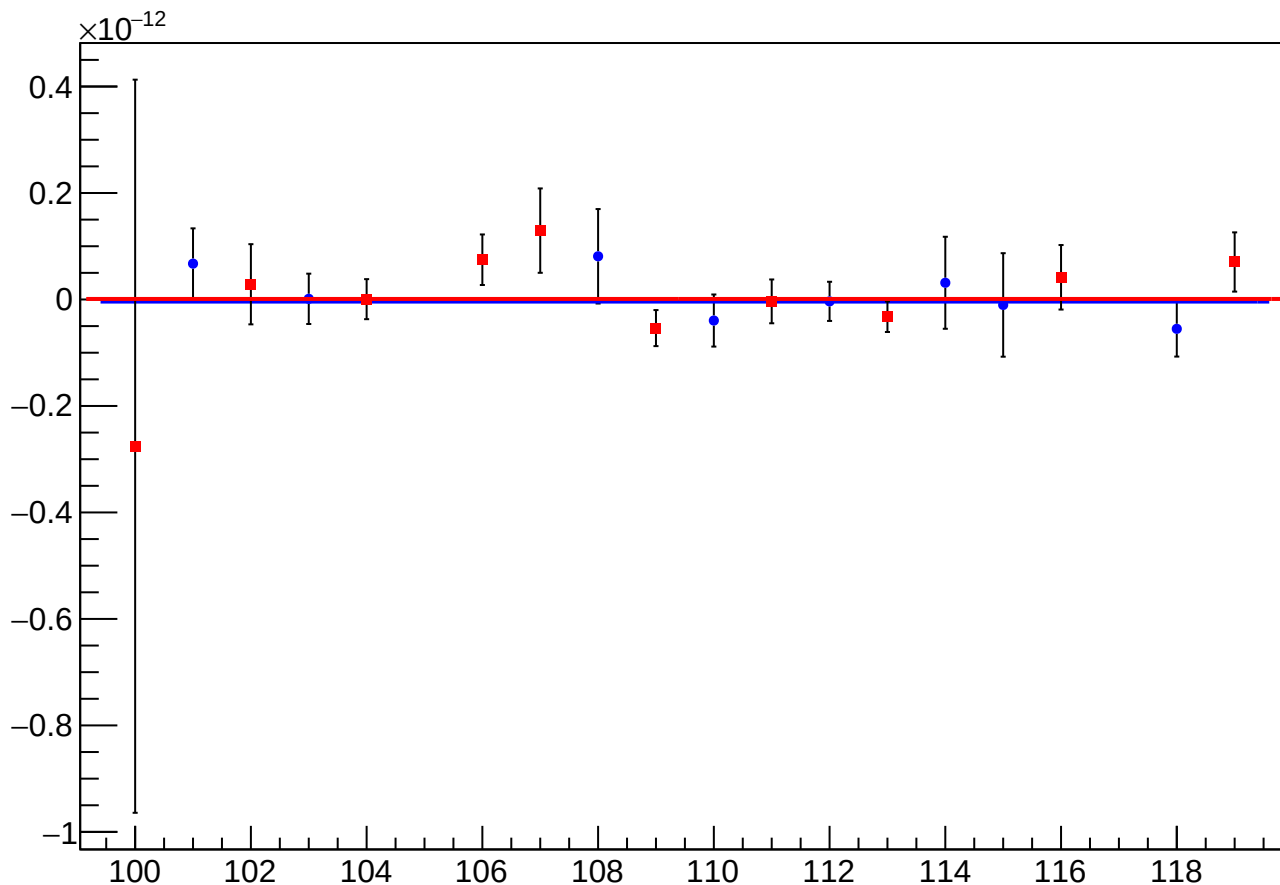
Right: 50.551+/-0.018 χ^2/NDF : 4102265.2/17

In: 46.795+/-0.026 χ^2/NDF : 2145679.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.551+/-0.018 χ^2/NDF : 4102265.2/17

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

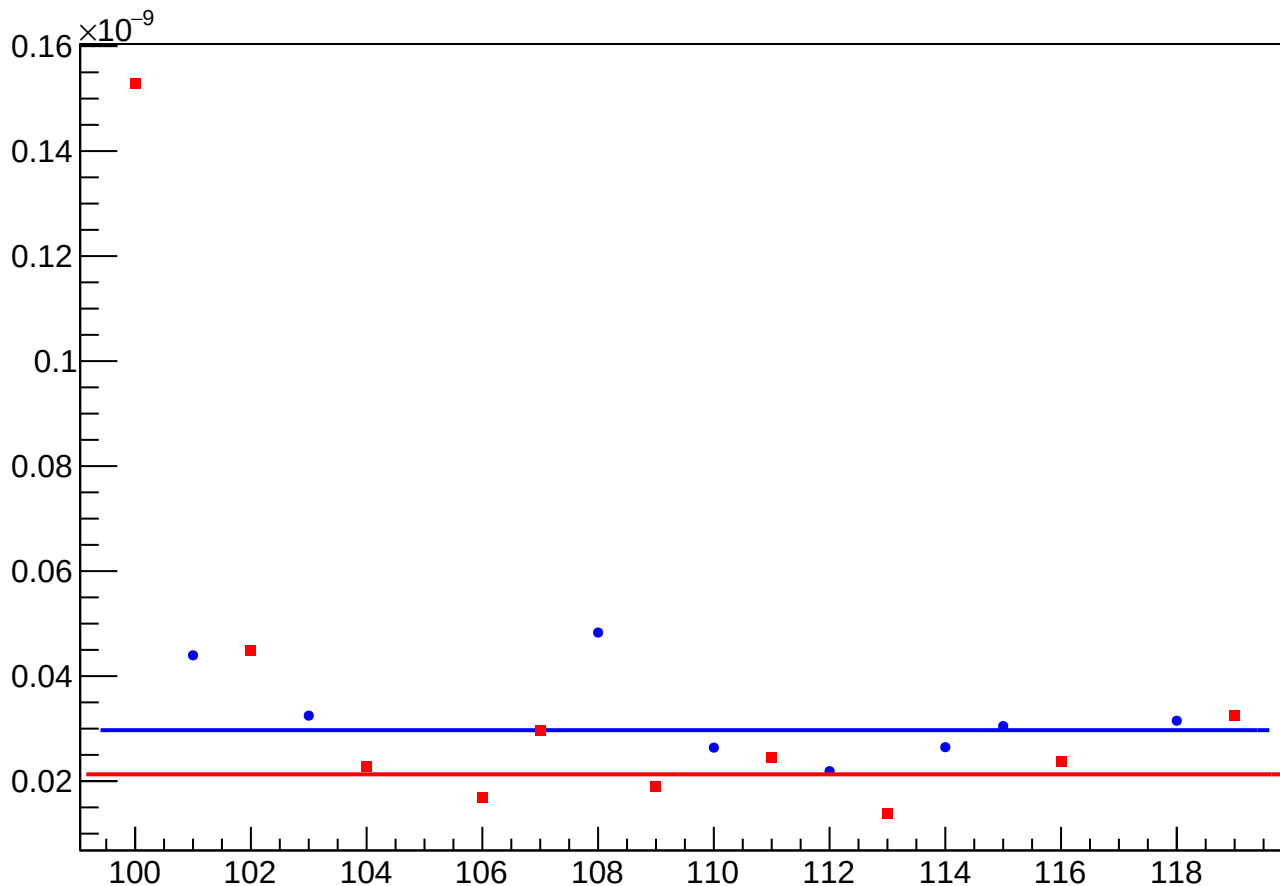
Right: -0.000+/-0.000 χ^2/NDF : 15.1/17

In: -0.000+/-0.000 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.1/17

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 291950.0/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 554359.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

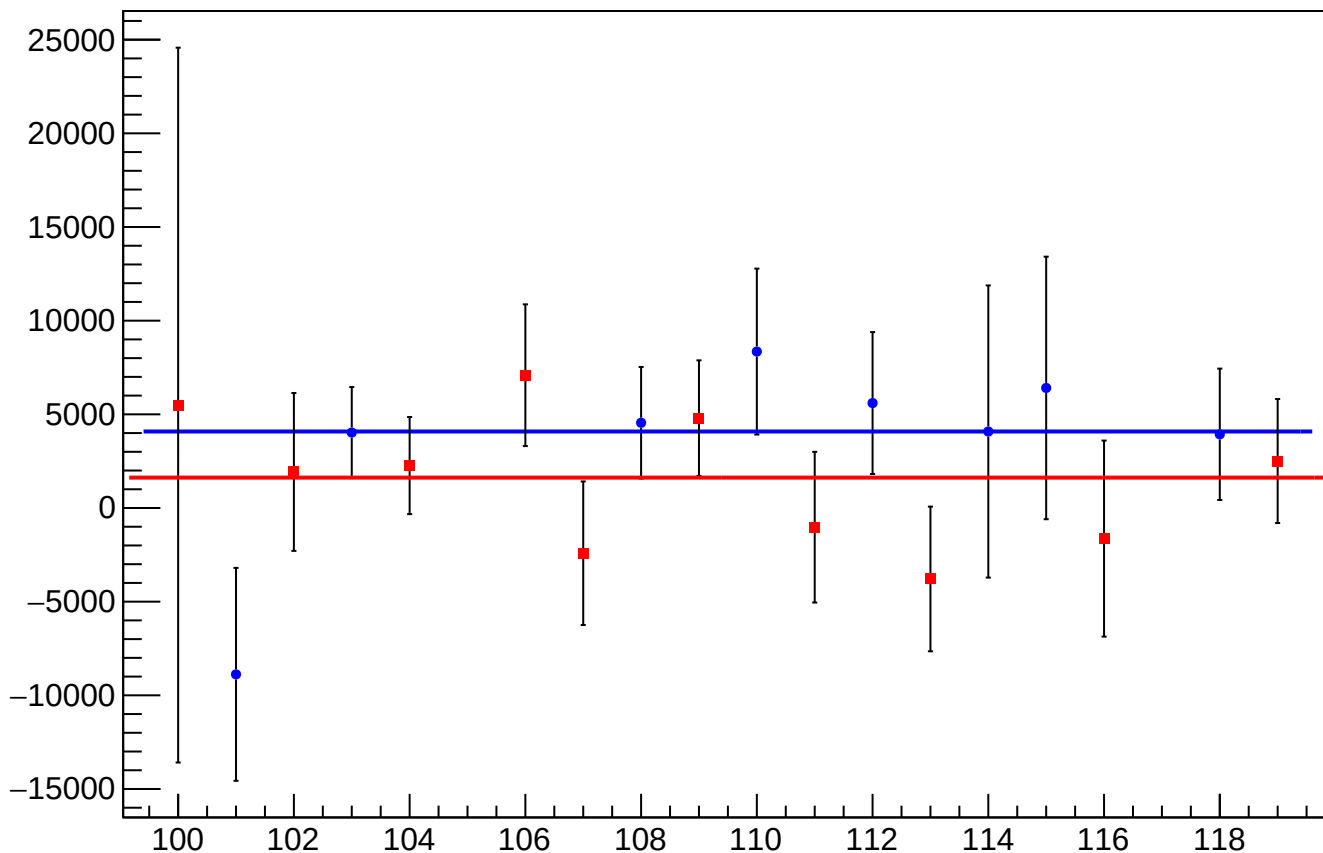
Right: 0.000+/-0.000 χ^2/NDF : 1082237.2/17

In: 0.000+/-0.000 χ^2/NDF : 291950.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1082237.2/17

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4083.782+/-1346.152 χ^2/NDF : 6.4/7

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

Right Out: 1621.989+/-1188.848 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

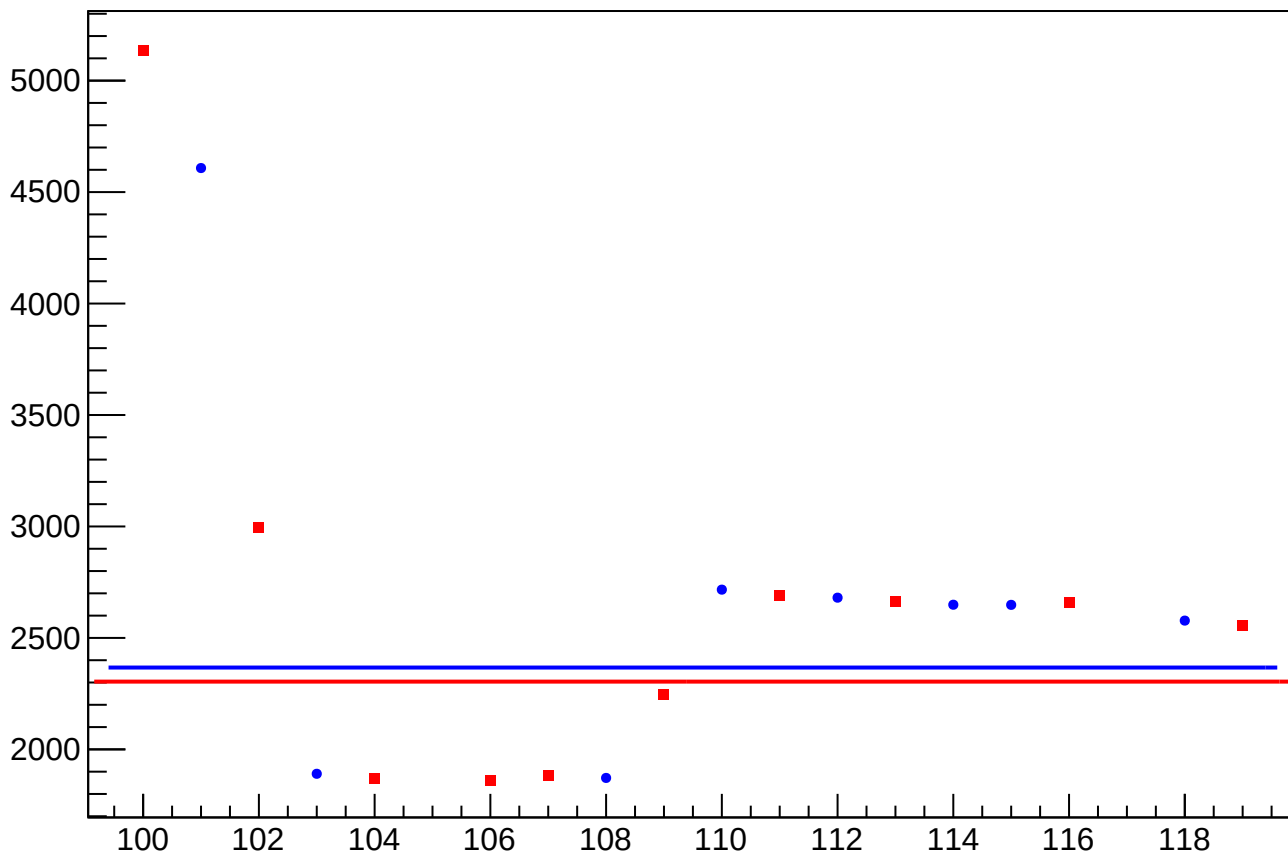
Right: 2700.710+/-891.093 χ^2/NDF : 15.5/17

In: 4083.782+/-1346.152 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2700.710+/-891.093 χ^2/NDF : 15.5/17

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2367.128+/-0.952 χ^2/NDF : 482362.1/7

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

Right Out: 2304.009+/-0.841 χ^2/NDF : 263787.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

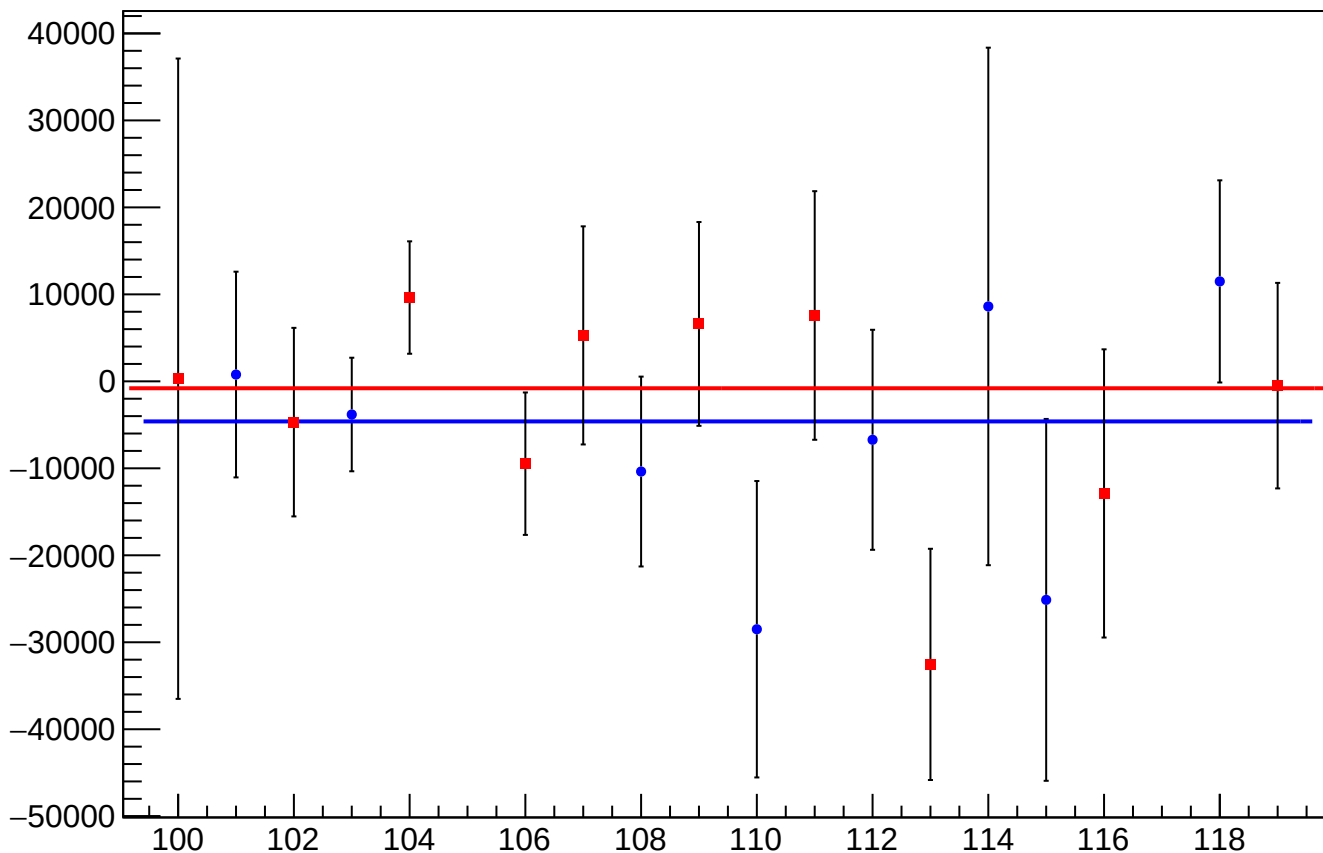
Right: 2331.667+/-0.630 χ^2/NDF : 748619.4/17

In: 2367.128+/-0.952 χ^2/NDF : 482362.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.667+/-0.630 χ^2/NDF : 748619.4/17

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -4608.119+/-4097.732 χ^2/NDF : 5.6/7

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

Right Out: -796.329+/-3468.603 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

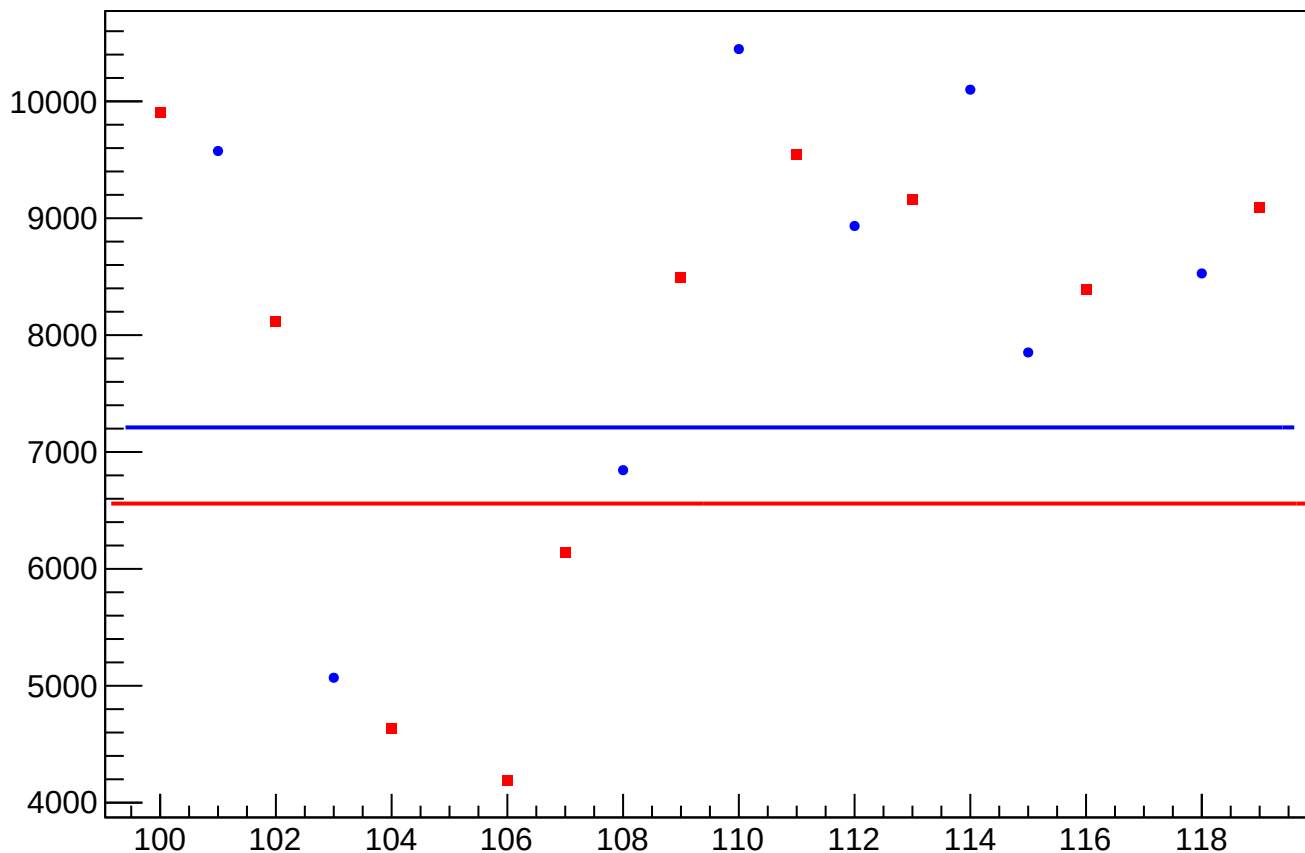
Right: -2387.455+/-2647.472 χ^2/NDF : 17.2/17

In: -4608.119+/-4097.732 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2387.455+/-2647.472 χ^2/NDF : 17.2/17

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7210.337+/-2.898 χ^2/NDF : 453243.5/7

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

Right Out: 6558.756+/-2.453 χ^2/NDF : 739730.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

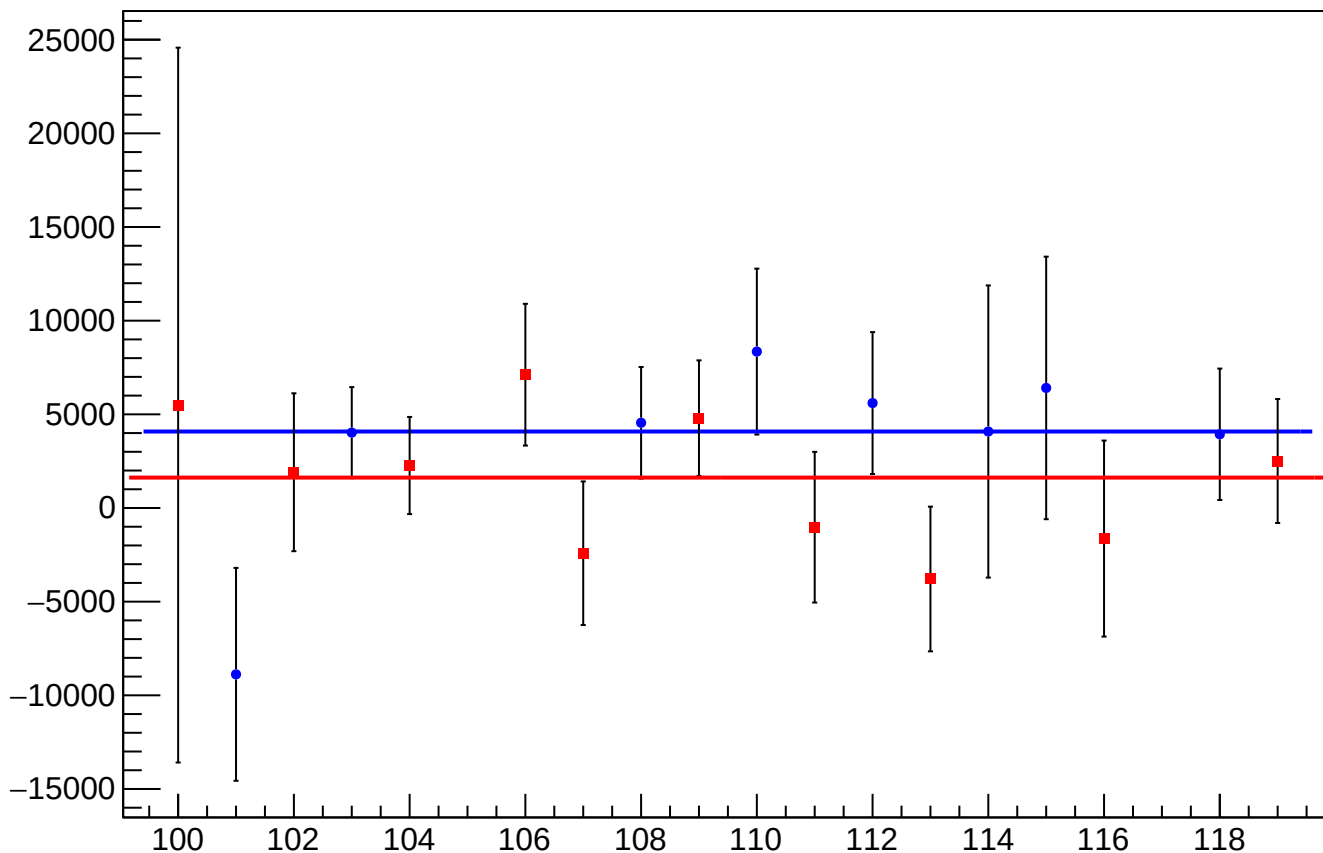
Right: 6830.741+/-1.872 χ^2/NDF : 1222434.0/17

In: 7210.337+/-2.898 χ^2/NDF : 453243.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6830.741+/-1.872 χ^2/NDF : 1222434.0/17

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4082.827+/-1346.153 χ^2/NDF : 6.4/7

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

Right Out: 1623.255+/-1188.864 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

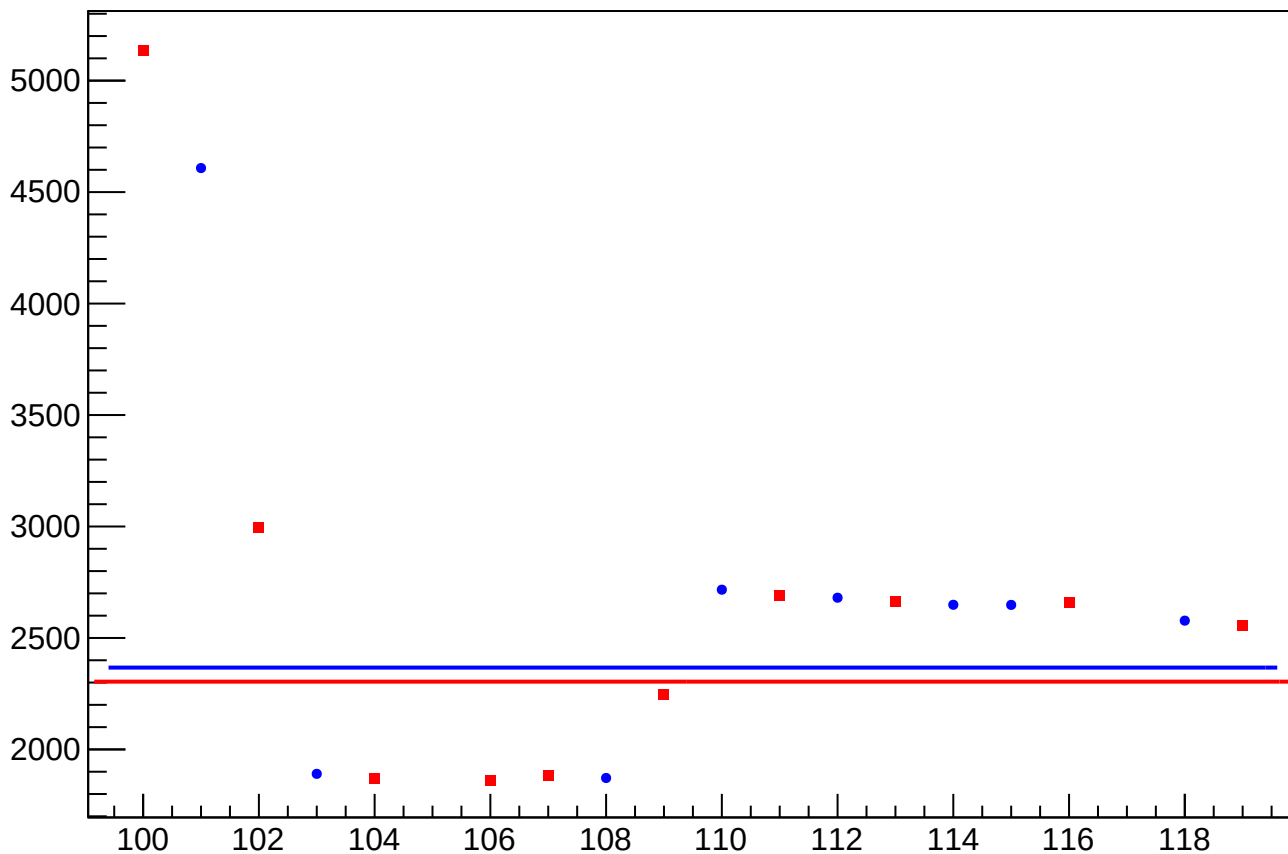
Right: 2701.018+/-891.100 χ^2/NDF : 15.5/17

In: 4082.827+/-1346.153 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.018+/-891.100 χ^2/NDF : 15.5/17

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2367.130+/-0.952 χ^2/NDF : 482360.5/7

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

Right Out: 2304.046+/-0.841 χ^2/NDF : 263748.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

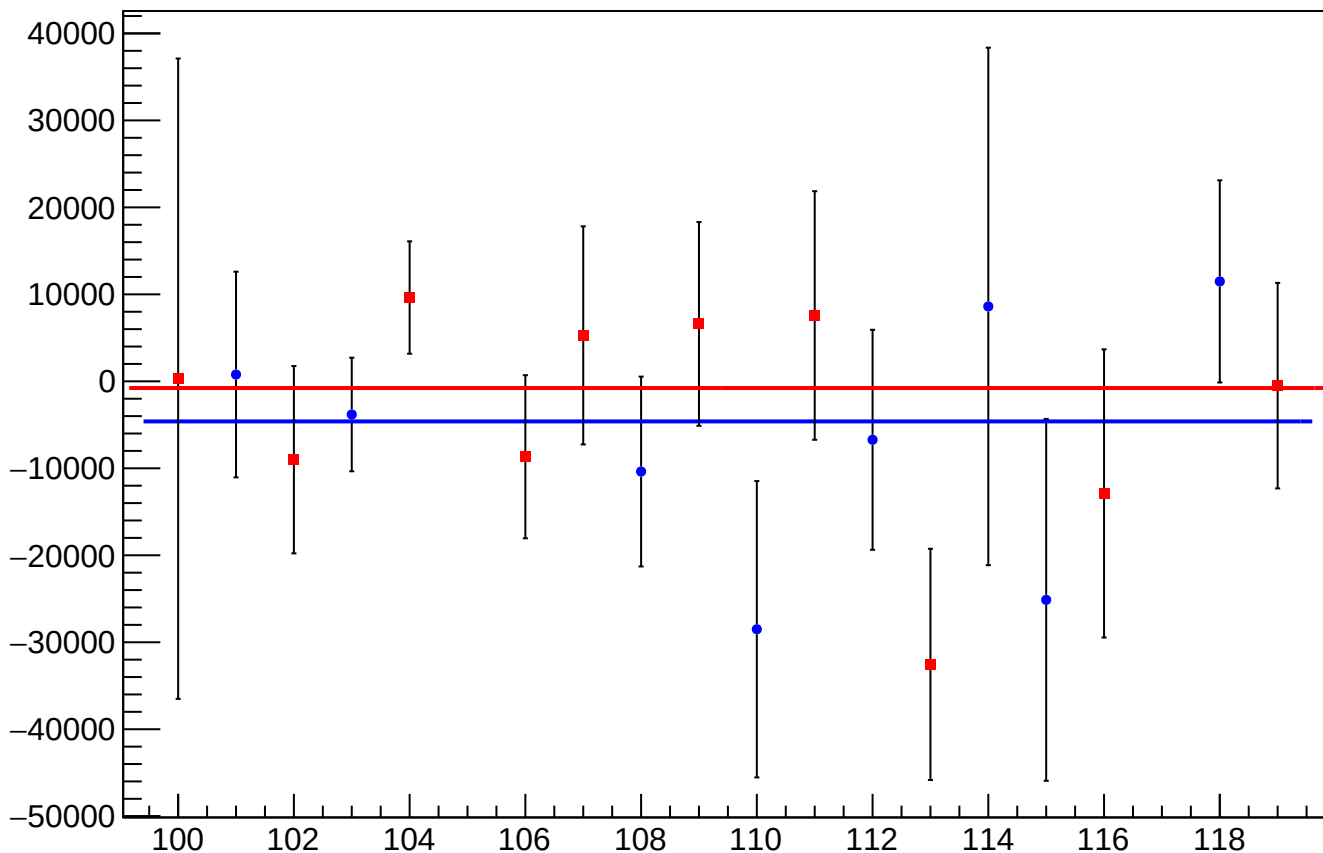
Right: 2331.689+/-0.630 χ^2/NDF : 748576.5/17

In: 2367.130+/-0.952 χ^2/NDF : 482360.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.689+/-0.630 χ^2/NDF : 748576.5/17

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -4607.892+/-4097.943 χ^2/NDF : 5.6/7

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

Right Out: -770.042+/-3542.569 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

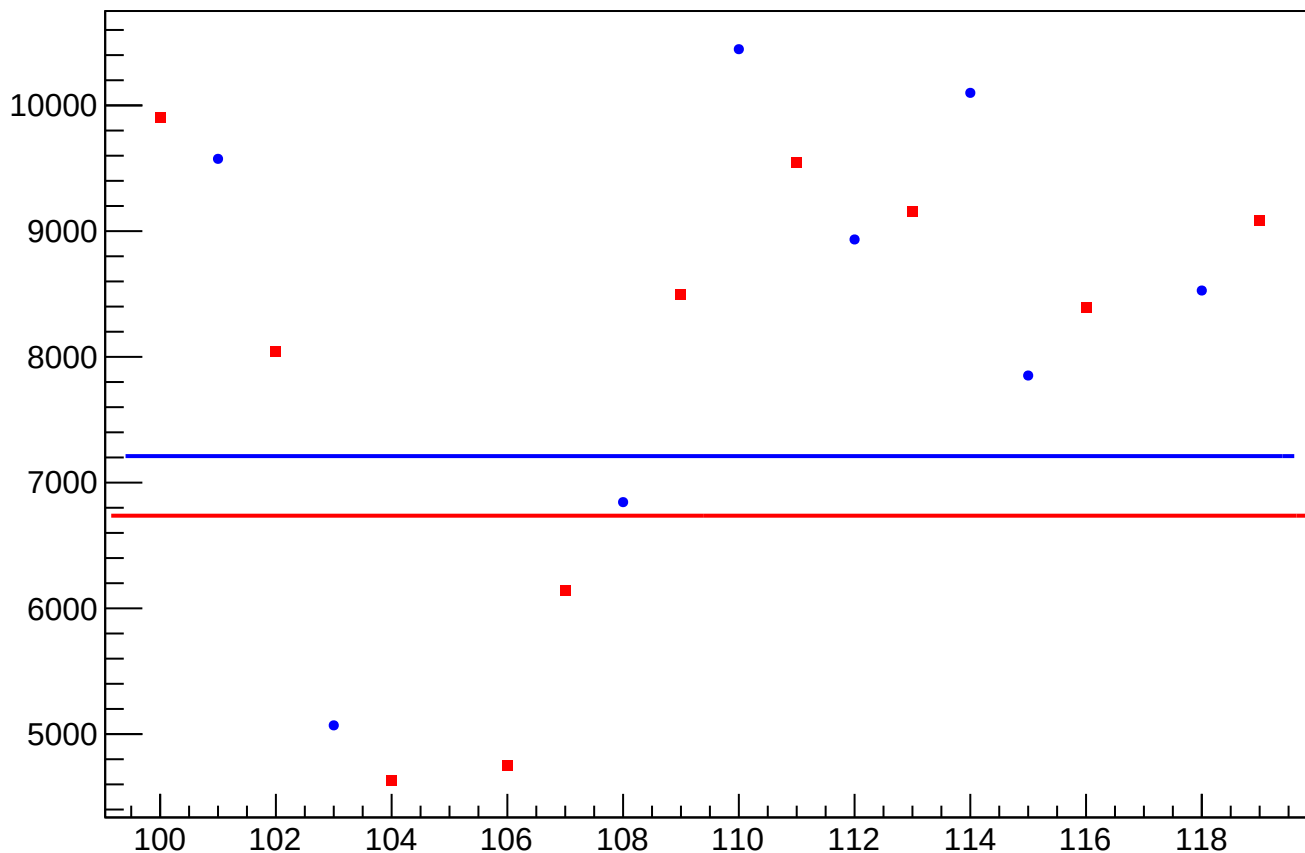
Right: -2411.467+/-2679.986 χ^2/NDF : 17.2/17

In: -4607.892+/-4097.943 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2411.467+/-2679.986 χ^2/NDF : 17.2/17

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7210.838+/-2.898 χ^2/NDF : 453041.2/7

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

Right Out: 6736.959+/-2.505 χ^2/NDF : 638967.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

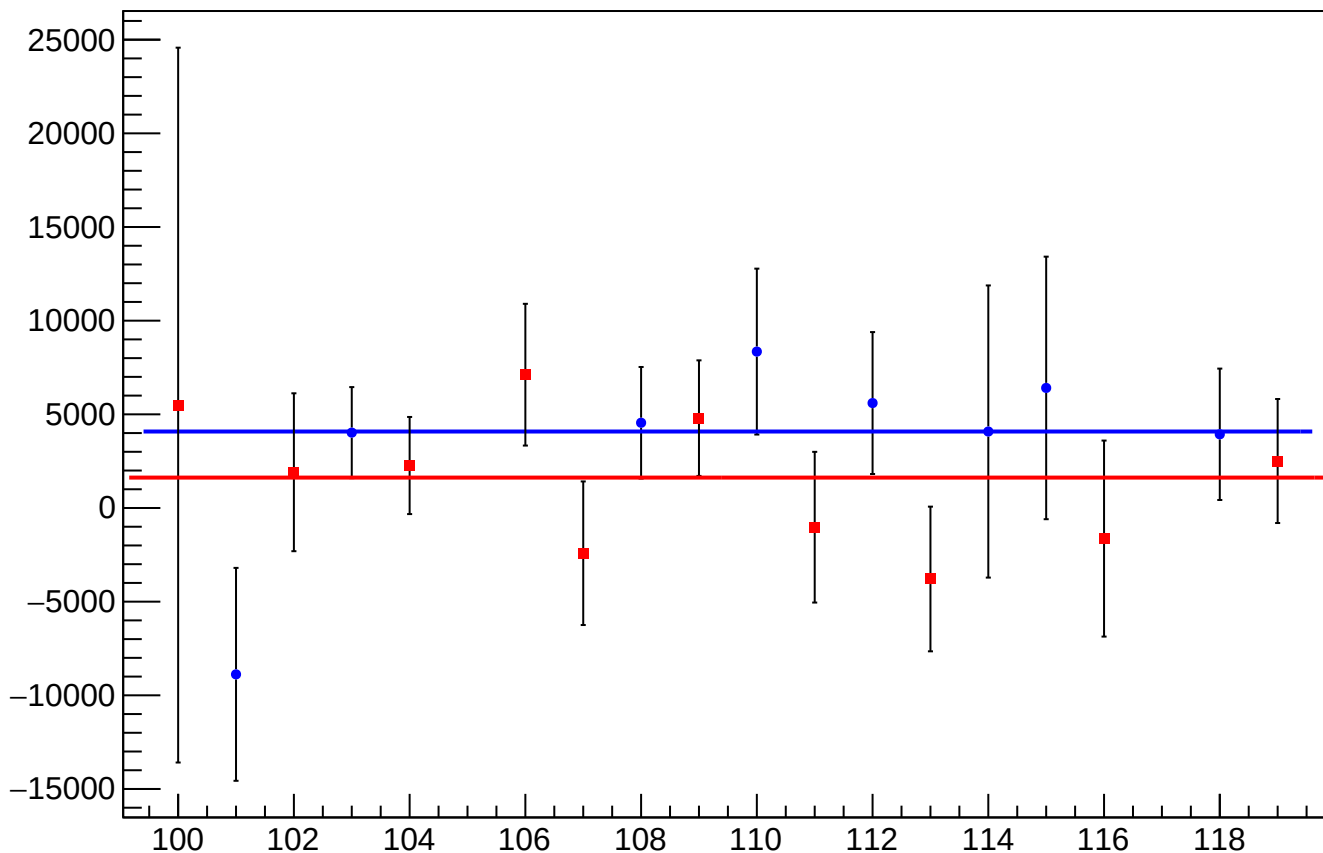
Right: 6939.634+/-1.895 χ^2/NDF : 1107314.8/17

In: 7210.838+/-2.898 χ^2/NDF : 453041.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6939.634+/-1.895 χ^2/NDF : 1107314.8/17

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4082.827+/-1346.153 χ^2/NDF : 6.4/7

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

Right Out: 1623.255+/-1188.864 χ^2/NDF : 7.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

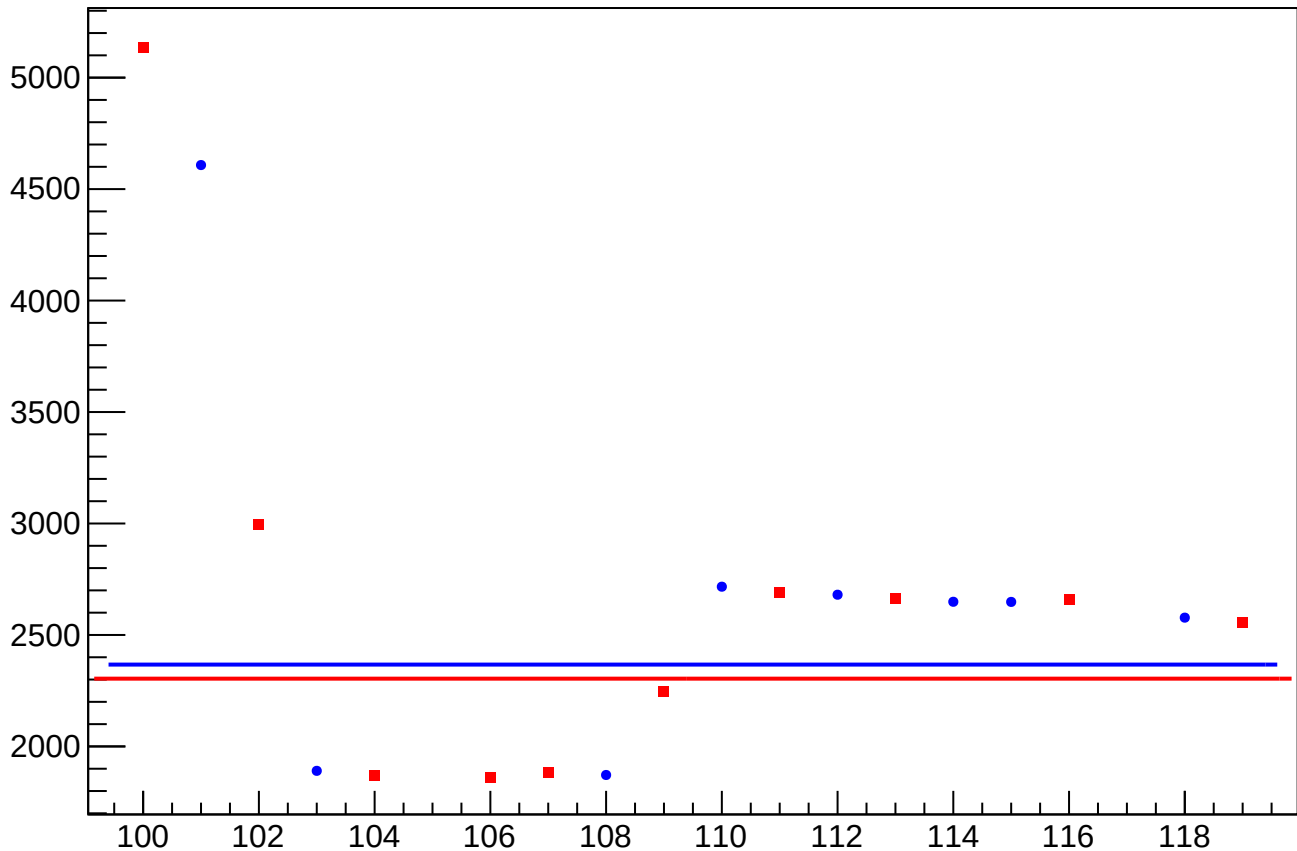
Right: 2701.018+/-891.100 χ^2/NDF : 15.5/17

In: 4082.827+/-1346.153 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.018+/-891.100 χ^2/NDF : 15.5/17

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2367.130+/-0.952 χ^2/NDF : 482360.5/7

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

Right Out: 2304.046+/-0.841 χ^2/NDF : 263748.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

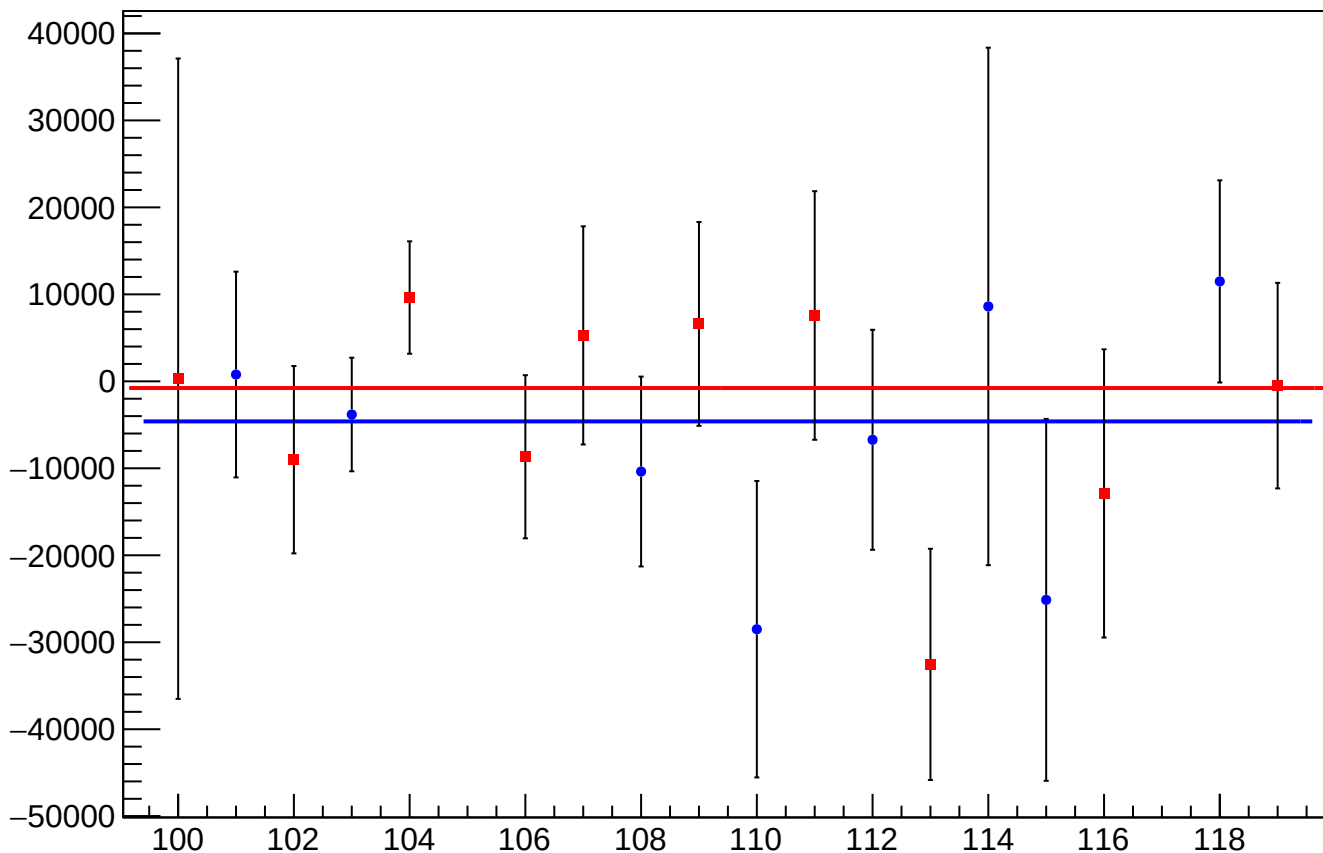
Right: 2331.689+/-0.630 χ^2/NDF : 748576.5/17

In: 2367.130+/-0.952 χ^2/NDF : 482360.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2331.689+/-0.630 χ^2/NDF : 748576.5/17

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4607.892+/-4097.943 χ^2/NDF : 5.6/7

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

Right Out: -770.042+/-3542.569 χ^2/NDF : 11.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

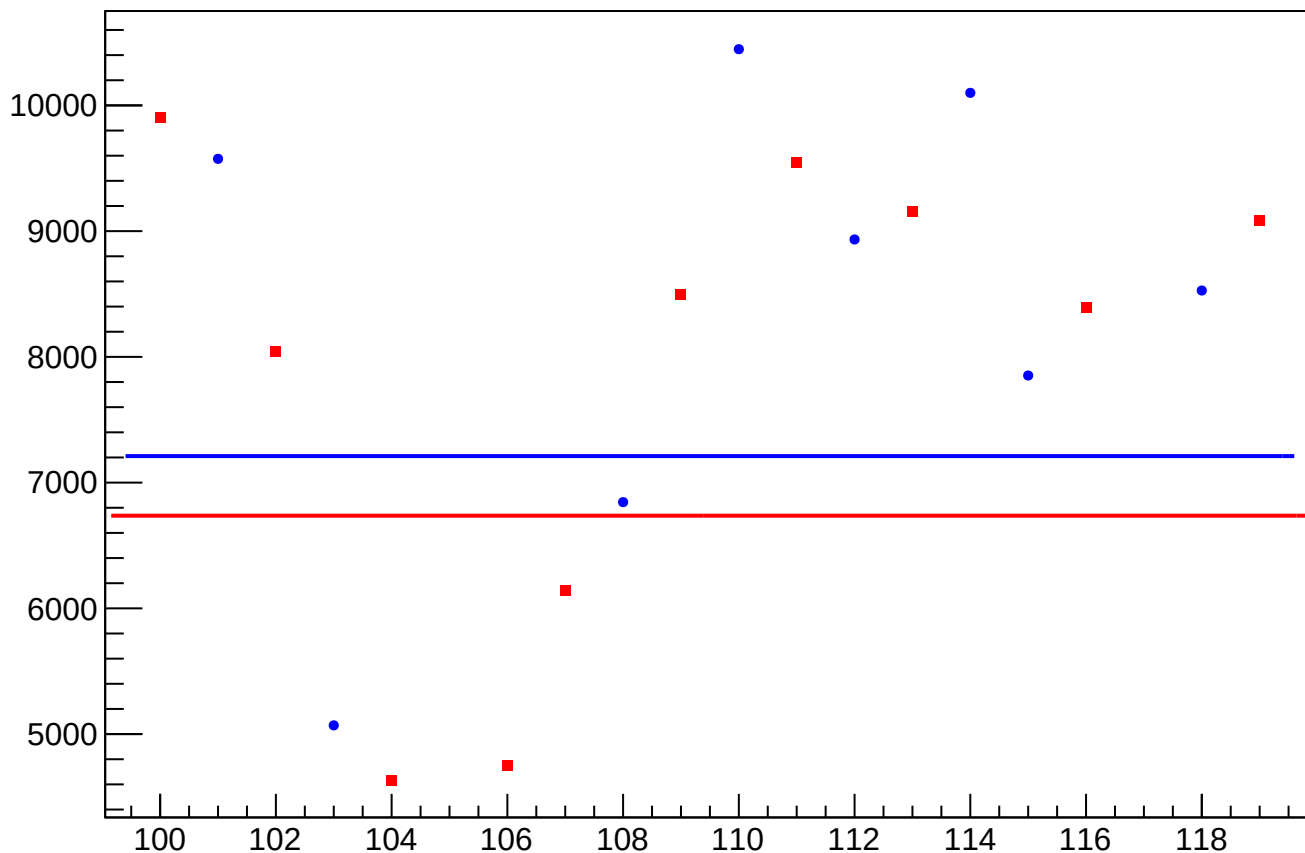
Right: -2411.467+/-2679.986 χ^2/NDF : 17.2/17

In: -4607.892+/-4097.943 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2411.467+/-2679.986 χ^2/NDF : 17.2/17

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7210.838+/-2.898 χ^2/NDF : 453041.2/7

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

Right Out: 6736.959+/-2.505 χ^2/NDF : 638967.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

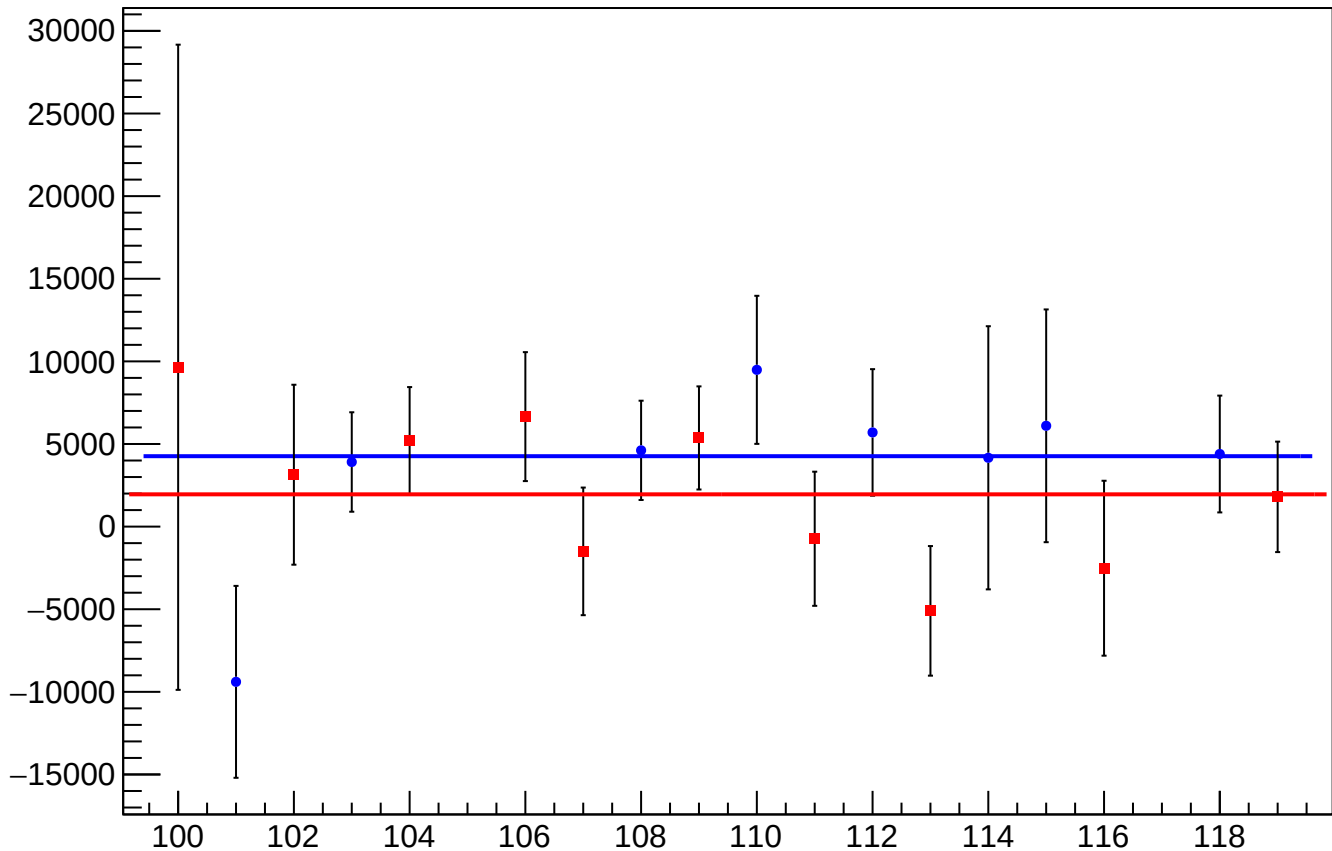
Right: 6939.634+/-1.895 χ^2/NDF : 1107314.8/17

In: 7210.838+/-2.898 χ^2/NDF : 453041.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6939.634+/-1.895 χ^2/NDF : 1107314.8/17

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4261.712+/-1436.074 χ^2/NDF : 7.1/7

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

Right Out: 1953.554+/-1272.671 χ^2/NDF : 9.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

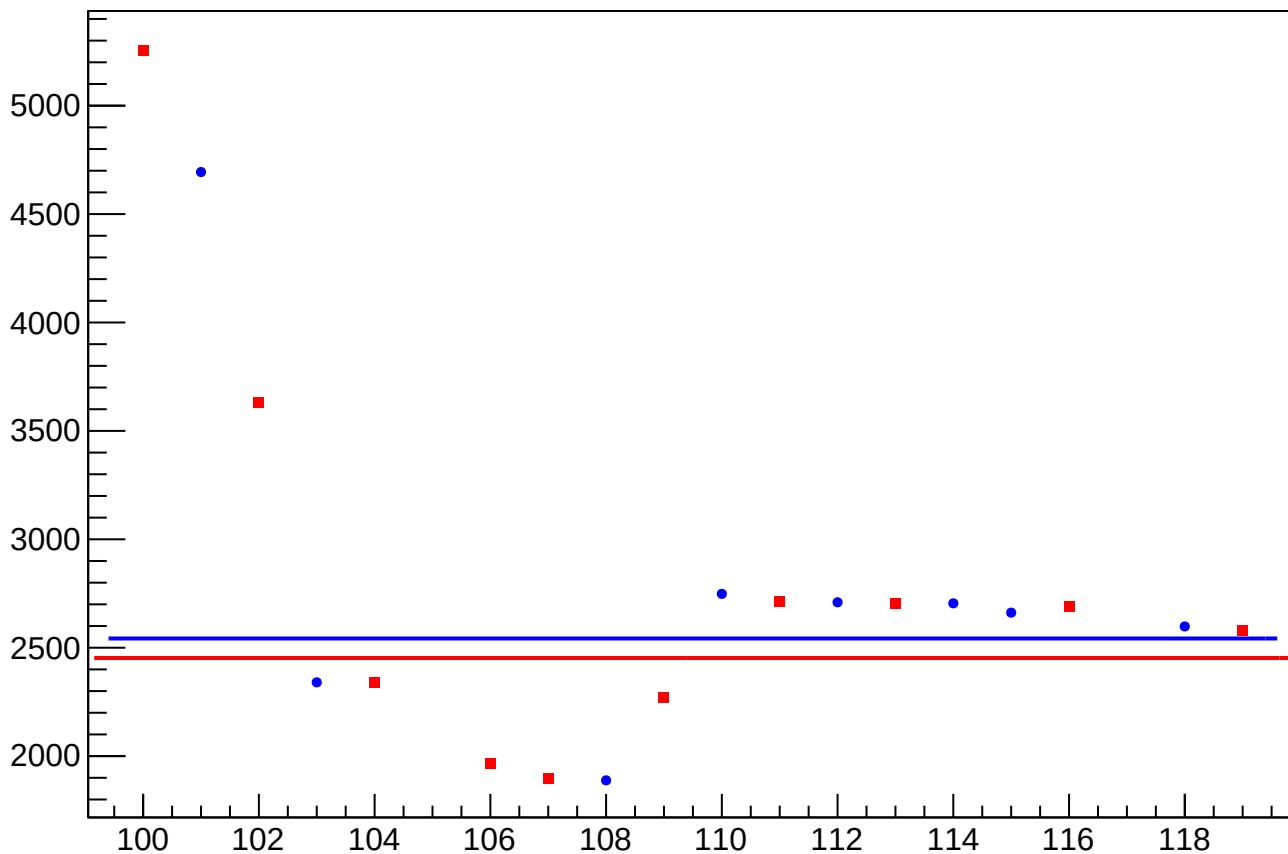
Right: 2968.900+/-952.469 χ^2/NDF : 17.6/17

In: 4261.712+/-1436.074 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2968.900+/-952.469 χ^2/NDF : 17.6/17

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2542.549+/-1.015 χ^2/NDF : 388335.4/7

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

Right Out: 2452.565+/-0.899 χ^2/NDF : 240544.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

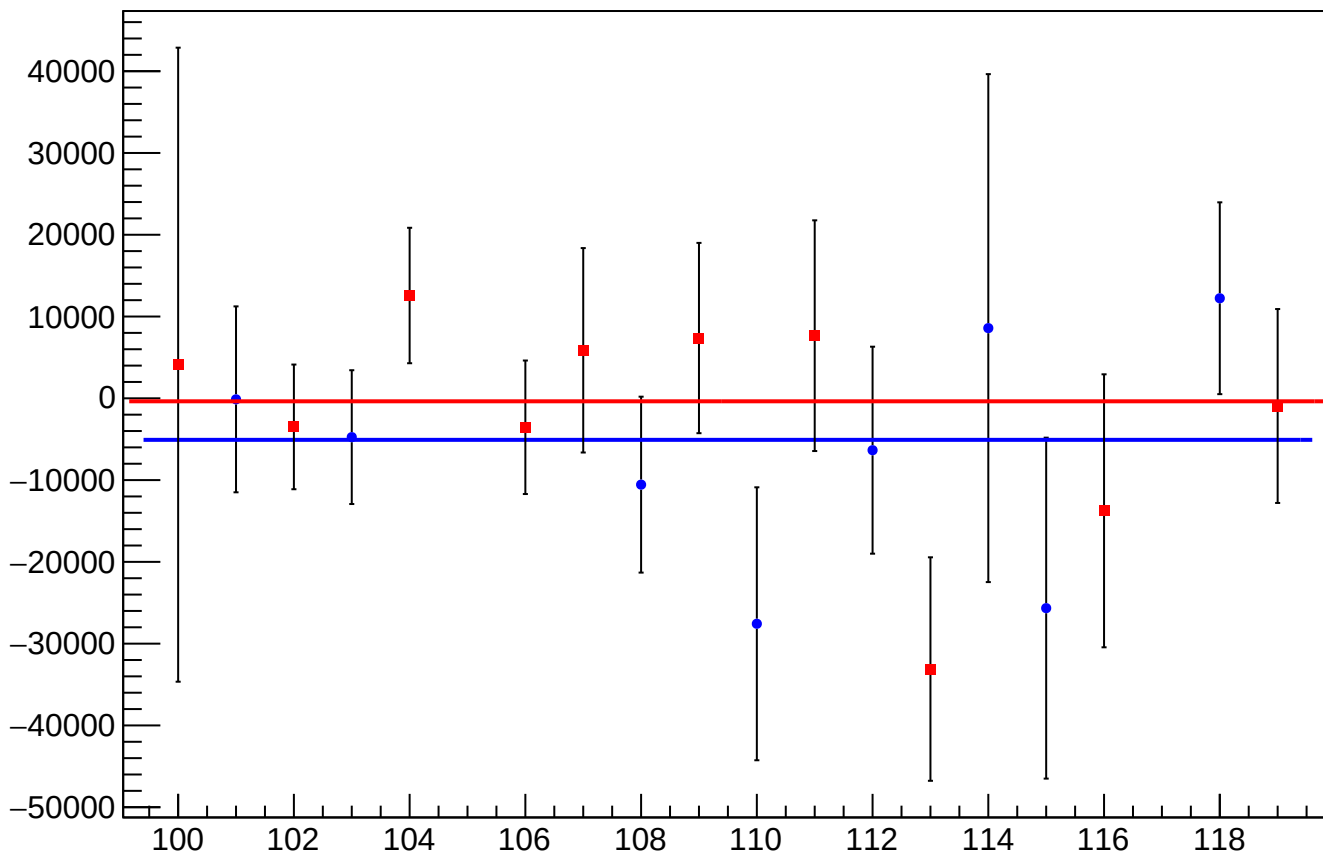
Right: 2492.103+/-0.673 χ^2/NDF : 633281.6/17

In: 2542.549+/-1.015 χ^2/NDF : 388335.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2492.103+/-0.673 χ^2/NDF : 633281.6/17

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -5078.891+/-4395.039 χ^2 /NDF: 5.6/7

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

Right Out: -365.697+/-3484.992 χ^2 /NDF: 10.2/9

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

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

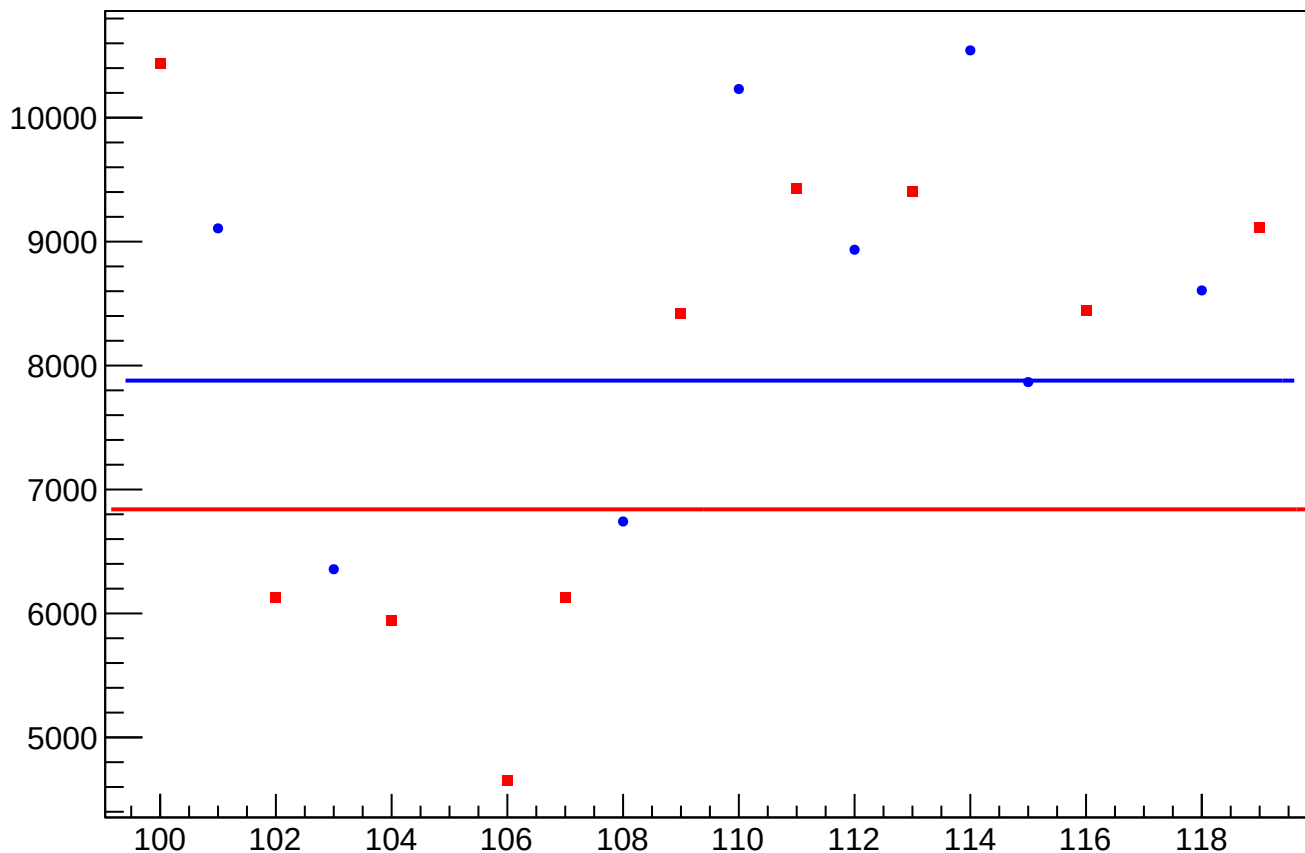
Right: -2185.142+/-2730.704 χ^2 /NDF: 16.5/17

In: -5078.891+/-4395.039 χ^2 /NDF: 5.6/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2185.142+/-2730.704 χ^2 /NDF: 16.5/17

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 7878.738+/-3.108 χ^2/NDF : 191000.2/7

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

Right Out: 6839.927+/-2.464 χ^2/NDF : 474788.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

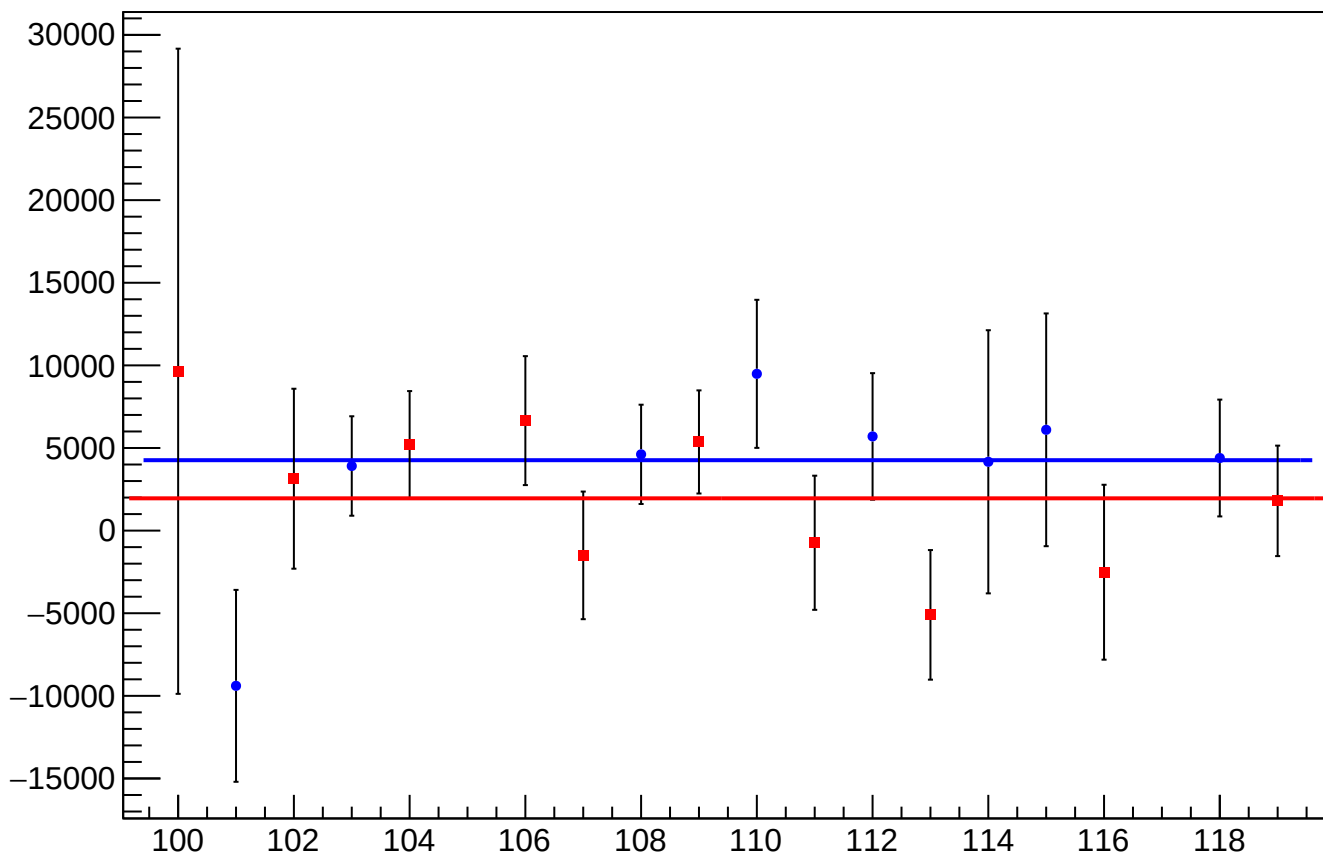
Right: 7240.942+/-1.931 χ^2/NDF : 734389.0/17

In: 7878.738+/-3.108 χ^2/NDF : 191000.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7240.942+/-1.931 χ^2/NDF : 734389.0/17

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4261.710+/-1436.073 χ^2/NDF : 7.1/7

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

Right Out: 1953.559+/-1272.671 χ^2/NDF : 9.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

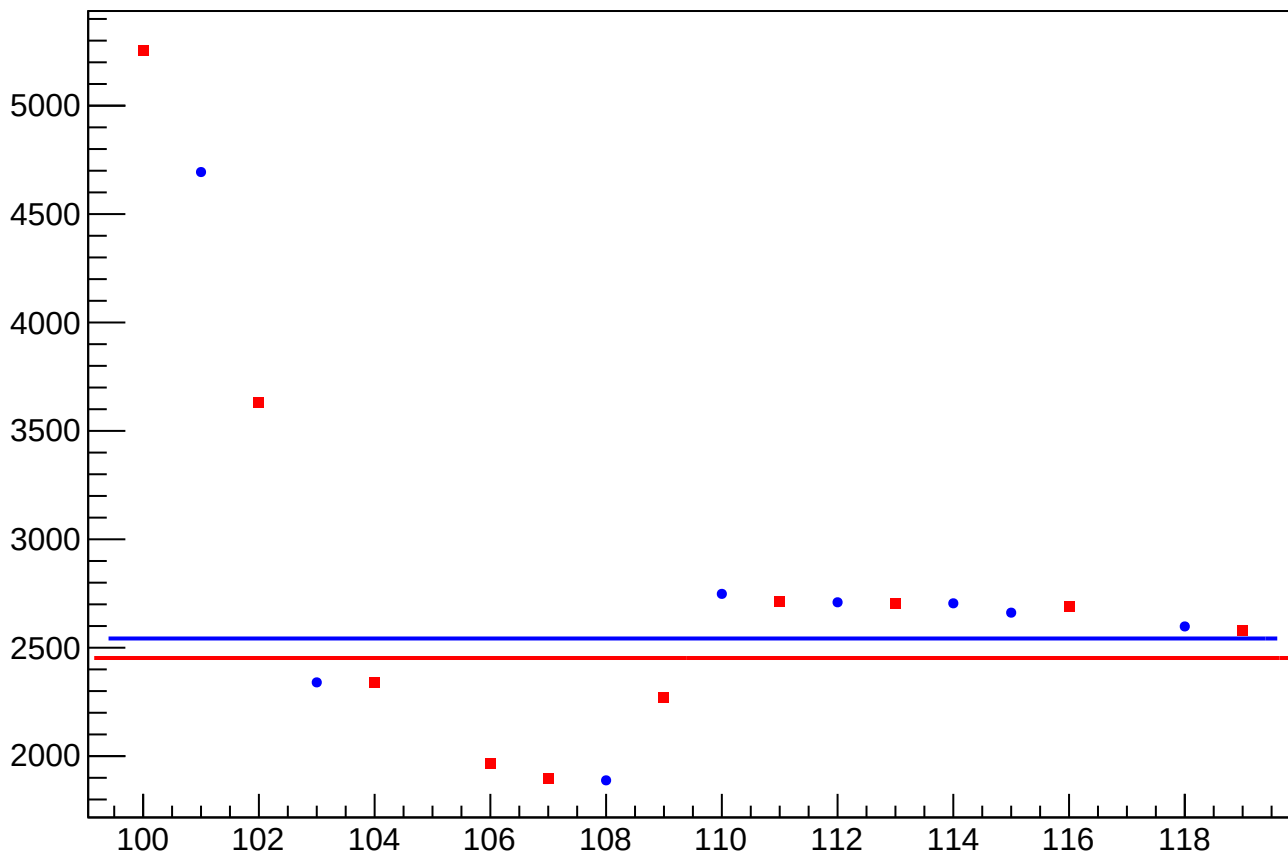
Right: 2968.902+/-952.469 χ^2/NDF : 17.6/17

In: 4261.710+/-1436.073 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2968.902+/-952.469 χ^2/NDF : 17.6/17

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2542.548+/-1.015 χ^2/NDF : 388335.7/7

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

Right Out: 2452.565+/-0.899 χ^2/NDF : 240543.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

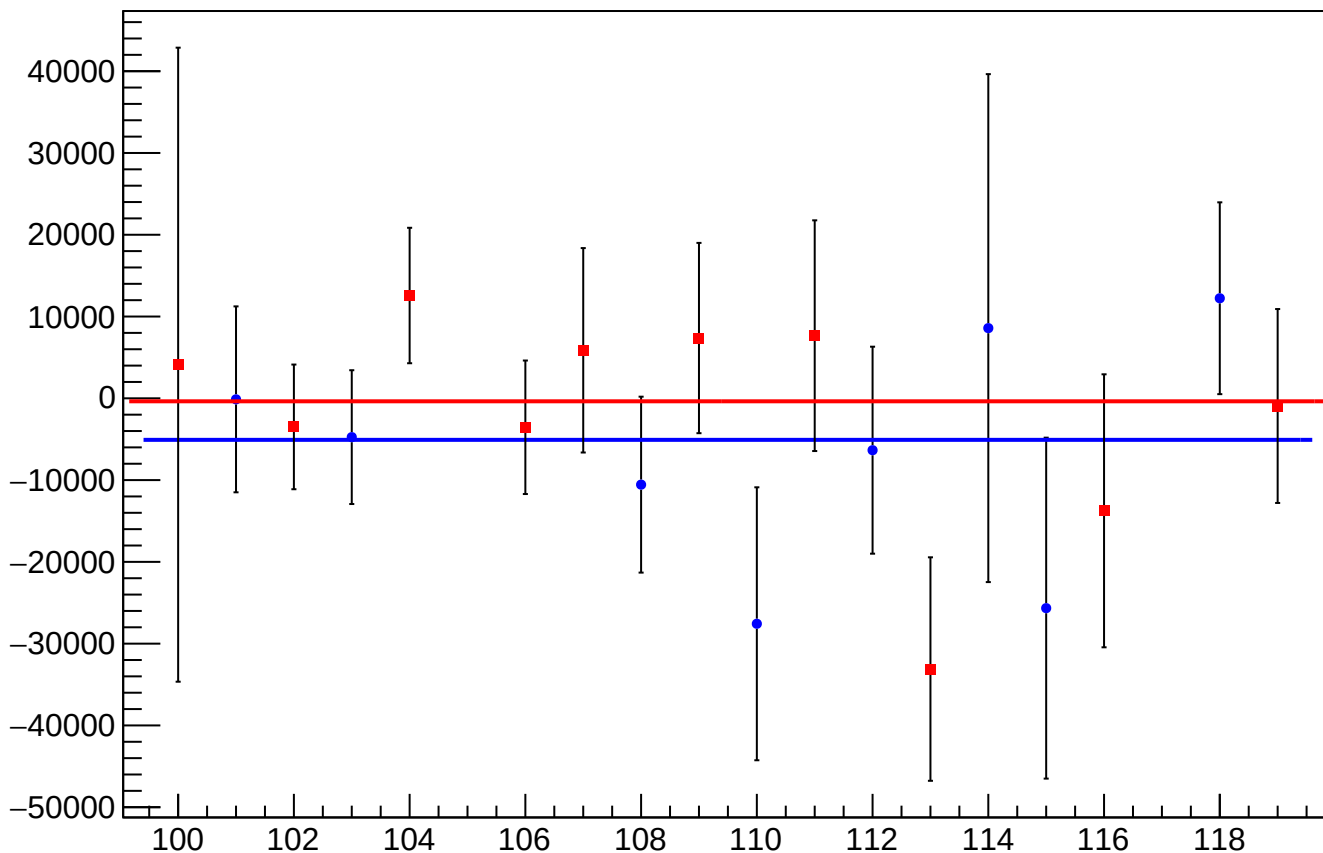
Right: 2492.103+/-0.673 χ^2/NDF : 633281.4/17

In: 2542.548+/-1.015 χ^2/NDF : 388335.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2492.103+/-0.673 χ^2/NDF : 633281.4/17

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -5078.884+/-4395.034 χ^2/NDF : 5.6/7

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

Right Out: -365.692+/-3484.986 χ^2/NDF : 10.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

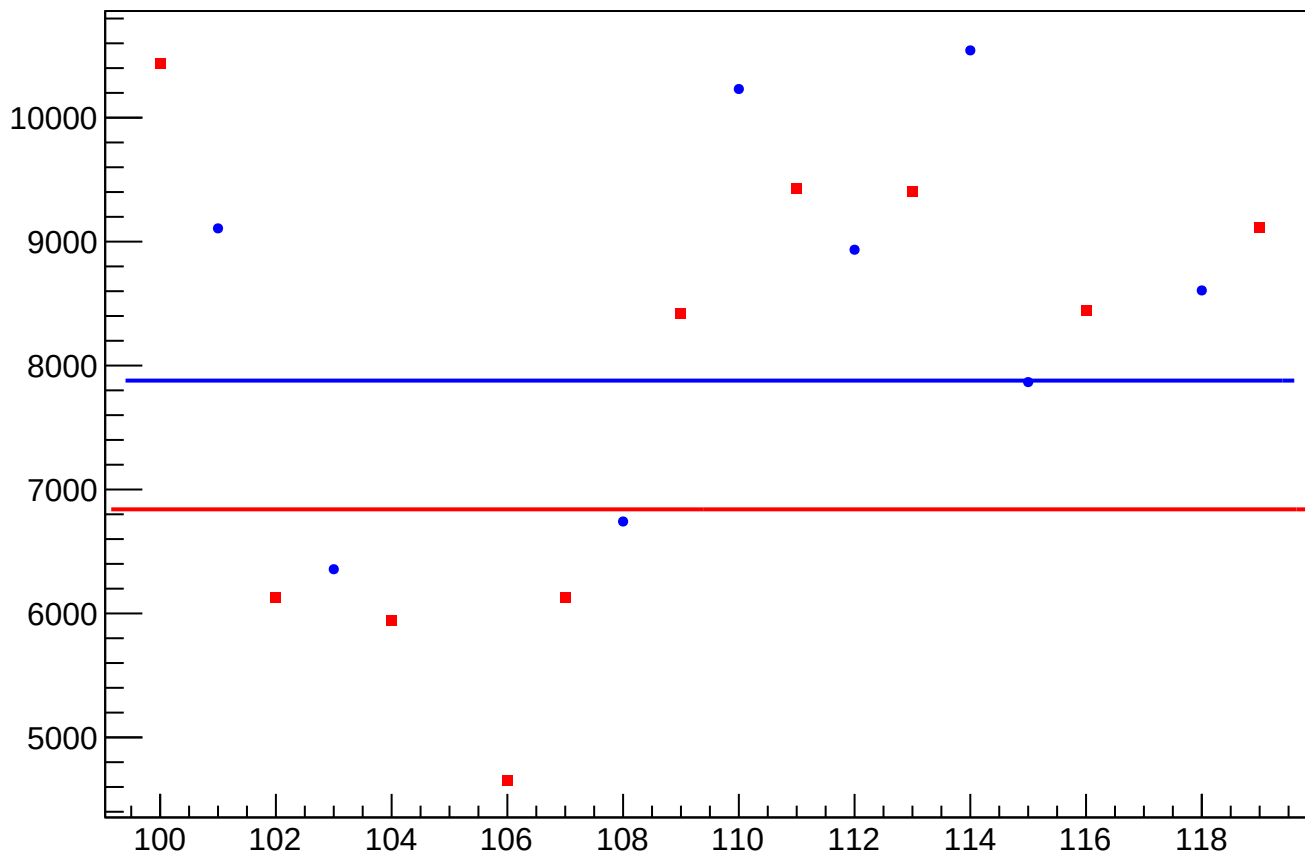
Right: -2185.135+/-2730.700 χ^2/NDF : 16.5/17

In: -5078.884+/-4395.034 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2185.135+/-2730.700 χ^2/NDF : 16.5/17

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7878.731+/-3.108 χ^2/NDF : 190997.8/7

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

Right Out: 6839.917+/-2.464 χ^2/NDF : 474787.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

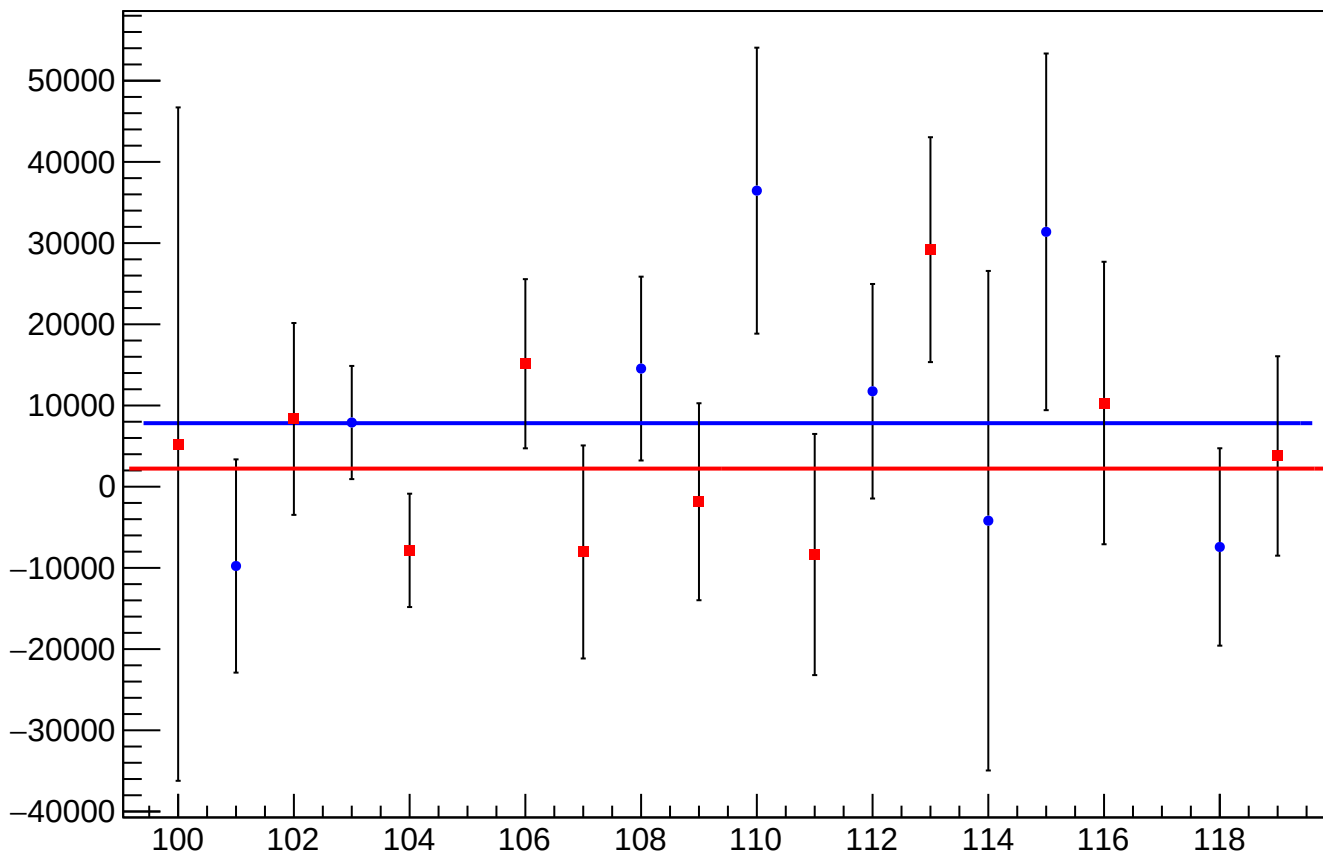
Right: 7240.932+/-1.931 χ^2/NDF : 734386.1/17

In: 7878.731+/-3.108 χ^2/NDF : 190997.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7240.932+/-1.931 χ^2/NDF : 734386.1/17

asym_atr2_mean vs Slug, Sign Corrected



Right In: 7823.044+/-4341.836 χ^2/NDF : 7.8/7

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

Right Out: 2229.954+/-3785.526 χ^2/NDF : 9.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

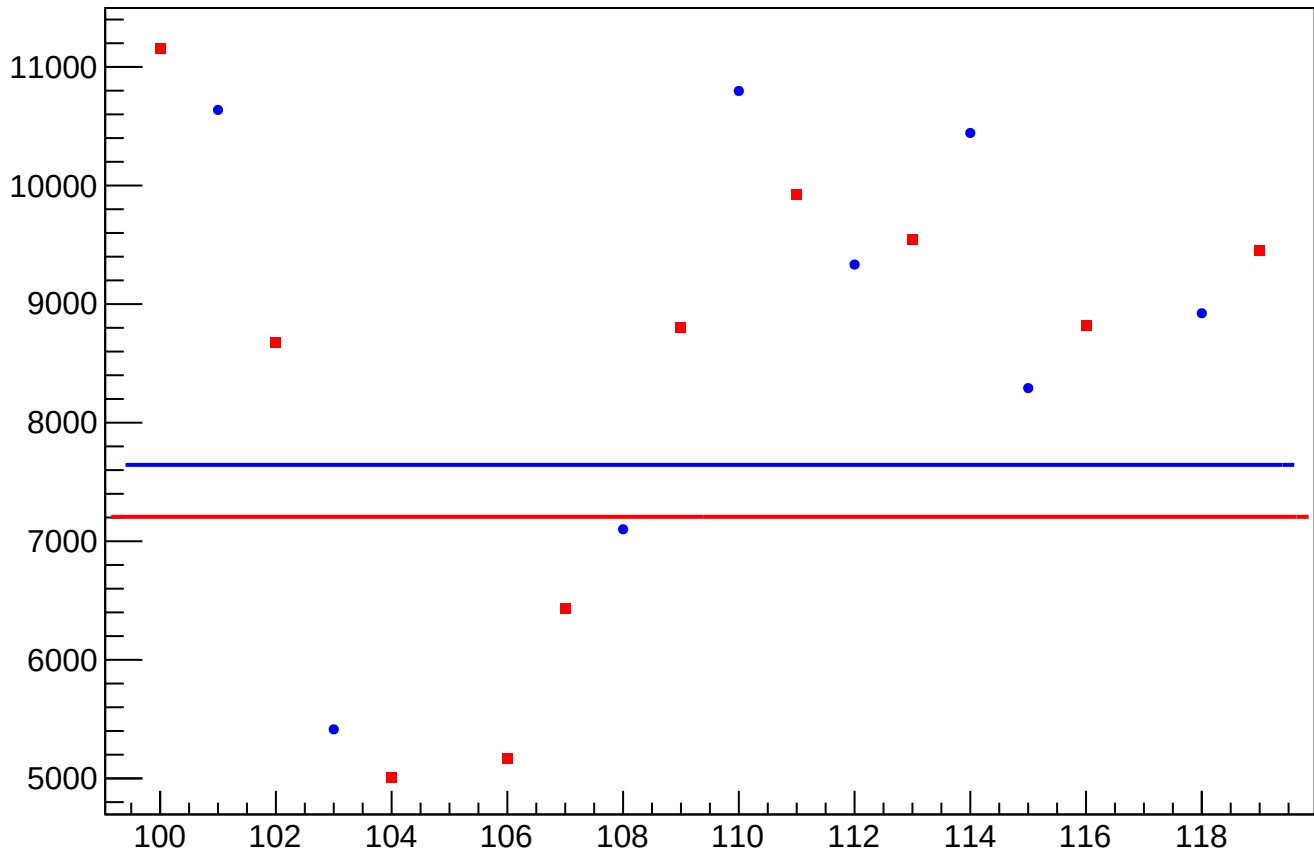
Right: 4645.442+/-2853.317 χ^2/NDF : 17.8/17

In: 7823.044+/-4341.836 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4645.442+/-2853.317 χ^2/NDF : 17.8/17

asym_atr2_rms vs Slug, Sign Corrected



Right In: 7644.192+/-3.070 χ^2/NDF : 450646.7/7

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

Right Out: 7206.067+/-2.677 χ^2/NDF : 572873.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

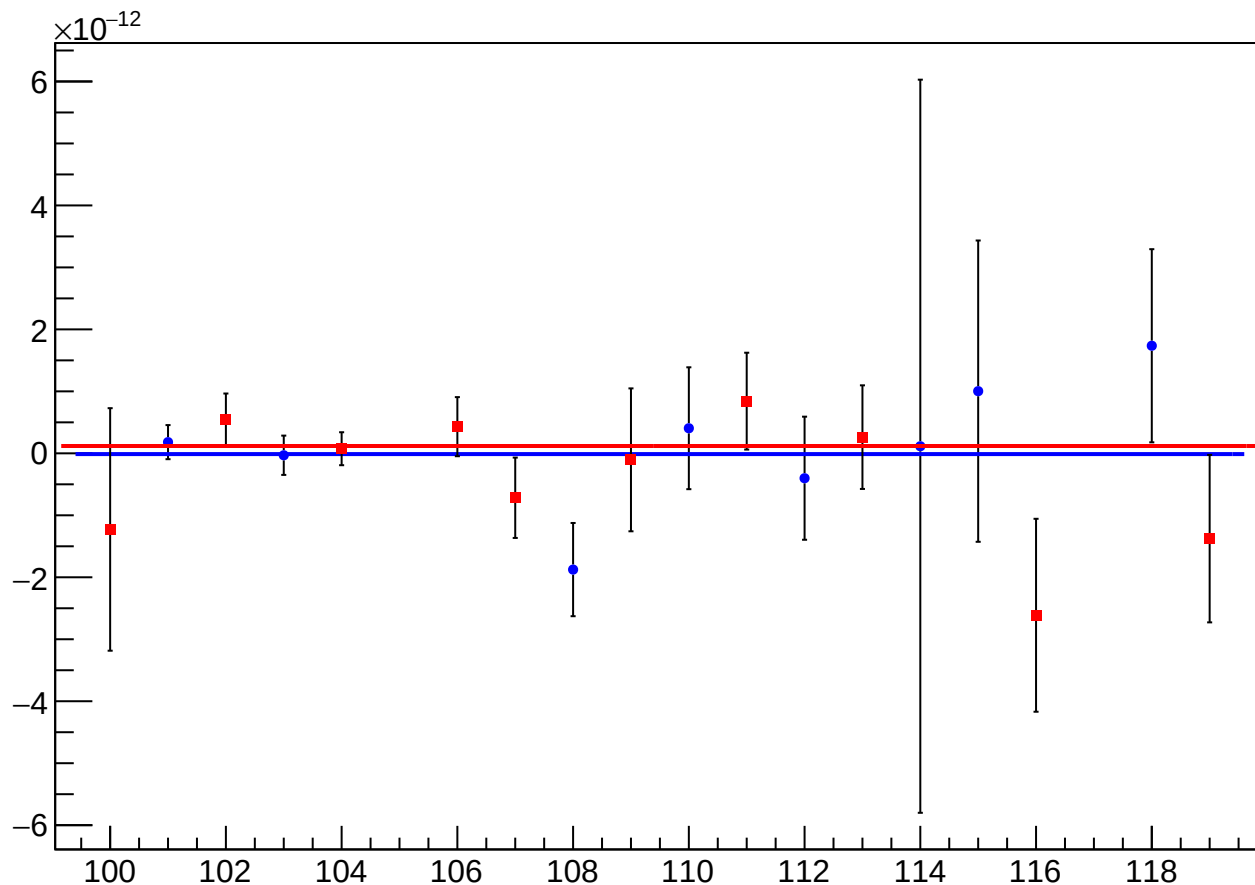
Right: 7395.274+/-2.018 χ^2/NDF : 1035090.1/17

In: 7644.192+/-3.070 χ^2/NDF : 450646.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7395.274+/-2.018 χ^2/NDF : 1035090.1/17

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

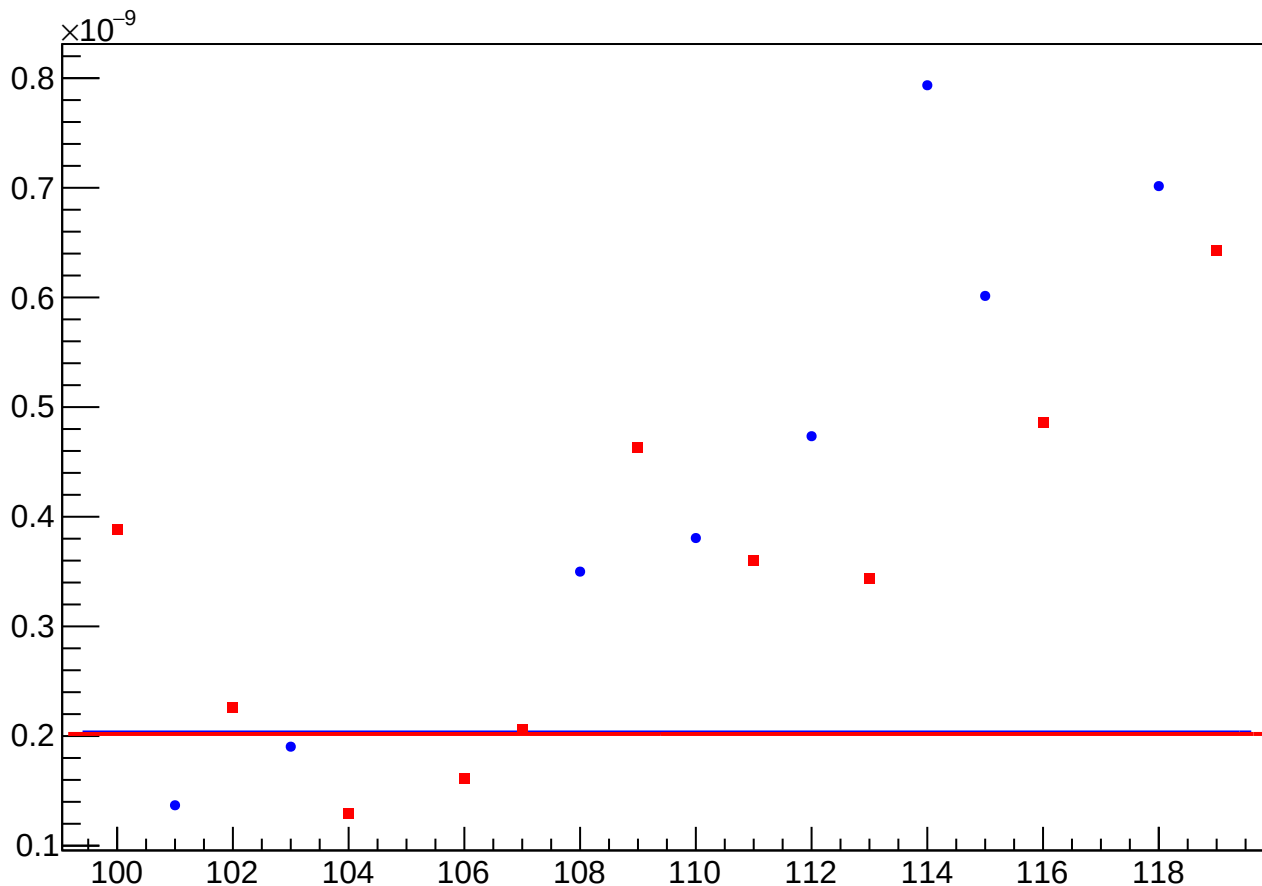
Right: 0.000+/-0.000 χ^2/NDF : 17.4/17

In: -0.000+/-0.000 χ^2/NDF :8.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.4/17

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 687170.6/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 710653.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

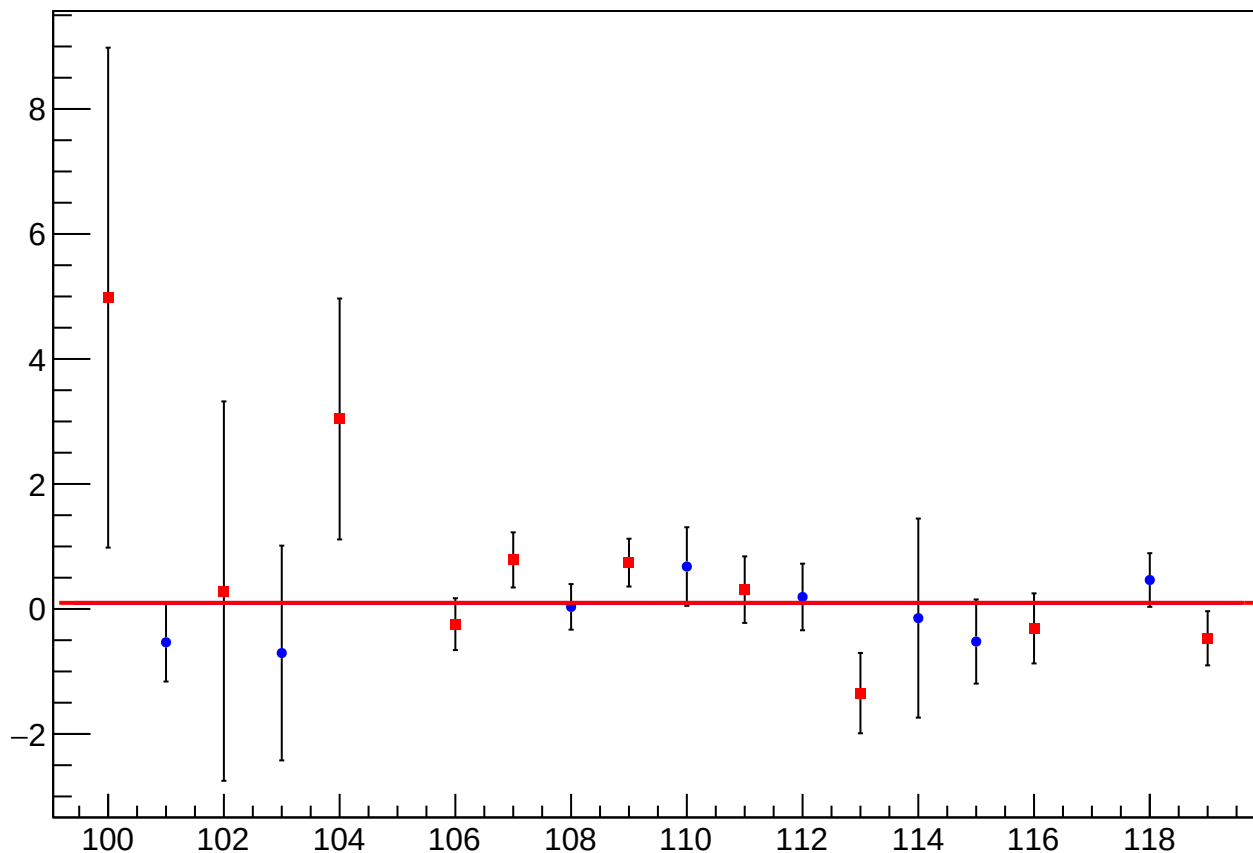
Right: 0.000+/-0.000 χ^2/NDF : 1397877.7/17

In: 0.000+/-0.000 χ^2/NDF : 687170.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1397877.7/17

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.202 χ^2 /NDF: 3.7/7

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

Right Out: 0.098 $\pm$ 0.175 χ^2 /NDF: 17.2/9

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

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

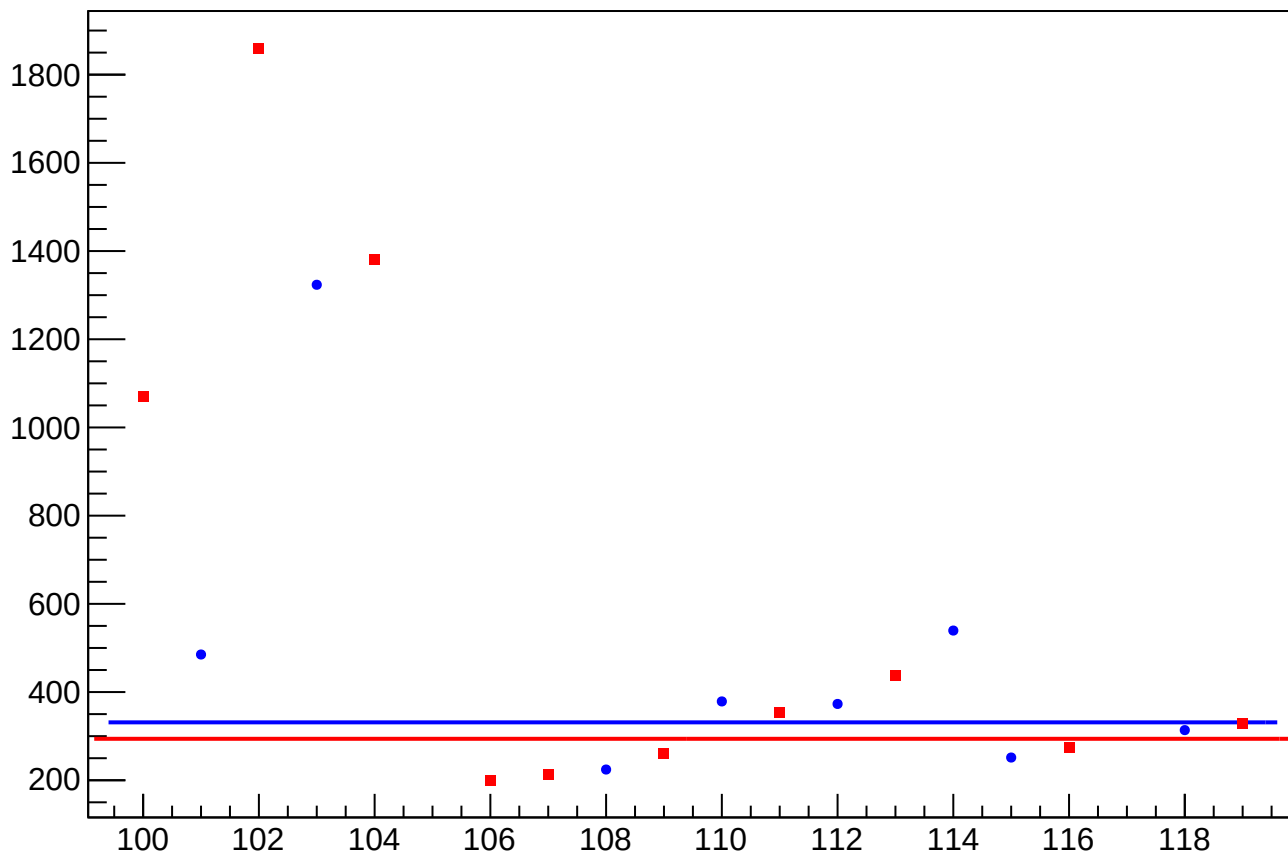
Right: 0.097 $\pm$ 0.132 χ^2 /NDF: 21.0/17

In: 0.096 $\pm$ 0.202 χ^2 /NDF:3.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.097 $\pm$ 0.132 χ^2 /NDF: 21.0/17

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 331.295+/-0.143 χ^2/NDF : 1048647.4/7

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

Right Out: 294.008+/-0.124 χ^2/NDF : 1570550.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

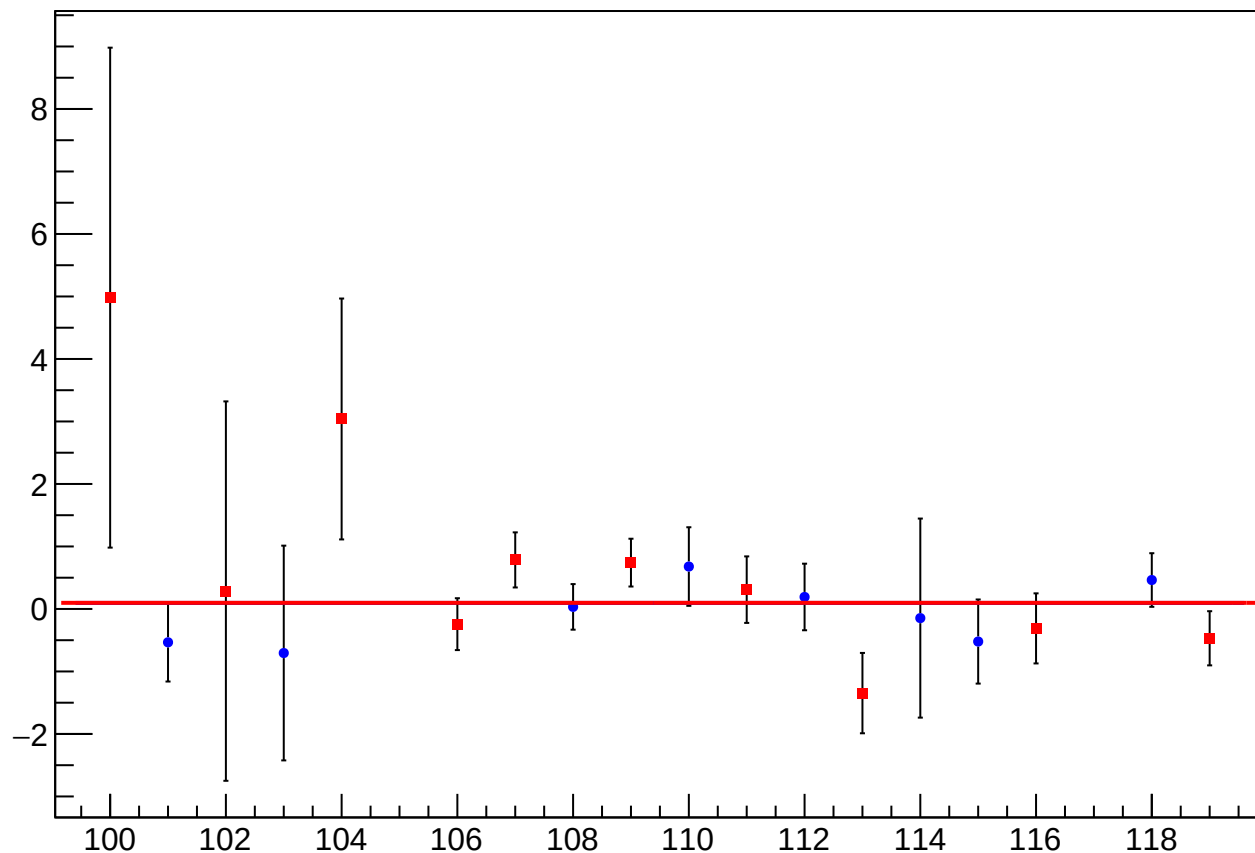
Right: 309.976+/-0.094 χ^2/NDF : 2658127.6/17

In: 331.295+/-0.143 χ^2/NDF : 1048647.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.976+/-0.094 χ^2/NDF : 2658127.6/17

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.202 χ^2 /NDF: 3.7/7

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

Right Out: 0.098 $\pm$ 0.175 χ^2 /NDF: 17.2/9

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

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

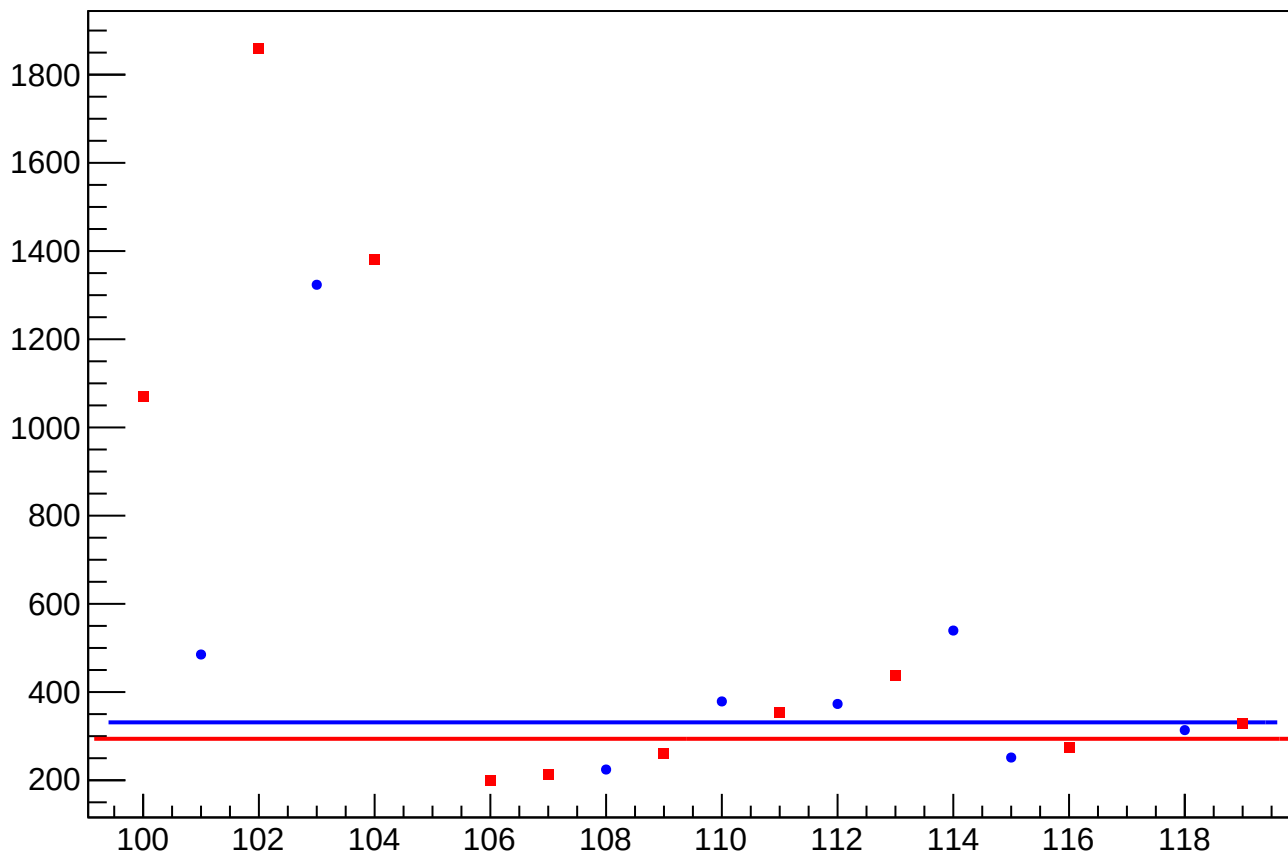
Right: 0.097 $\pm$ 0.132 χ^2 /NDF: 21.0/17

In: 0.096 $\pm$ 0.202 χ^2 /NDF:3.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.097 $\pm$ 0.132 χ^2 /NDF: 21.0/17

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 331.295+/-0.143 χ^2/NDF : 1048647.4/7

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

Right Out: 294.008+/-0.124 χ^2/NDF : 1570550.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

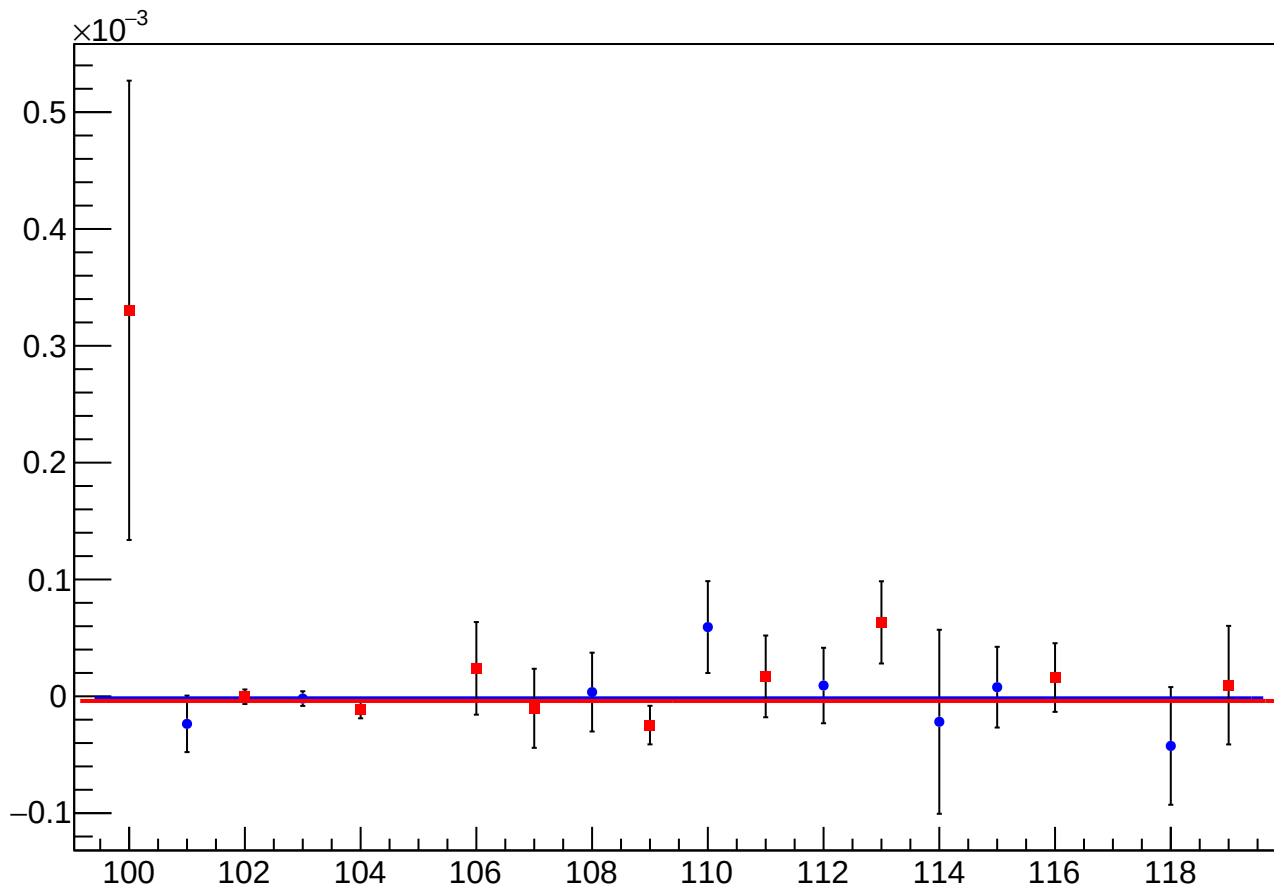
Right: 309.976+/-0.094 χ^2/NDF : 2658127.6/17

In: 331.295+/-0.143 χ^2/NDF :1048647.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 309.976+/-0.094 χ^2/NDF : 2658127.6/17

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

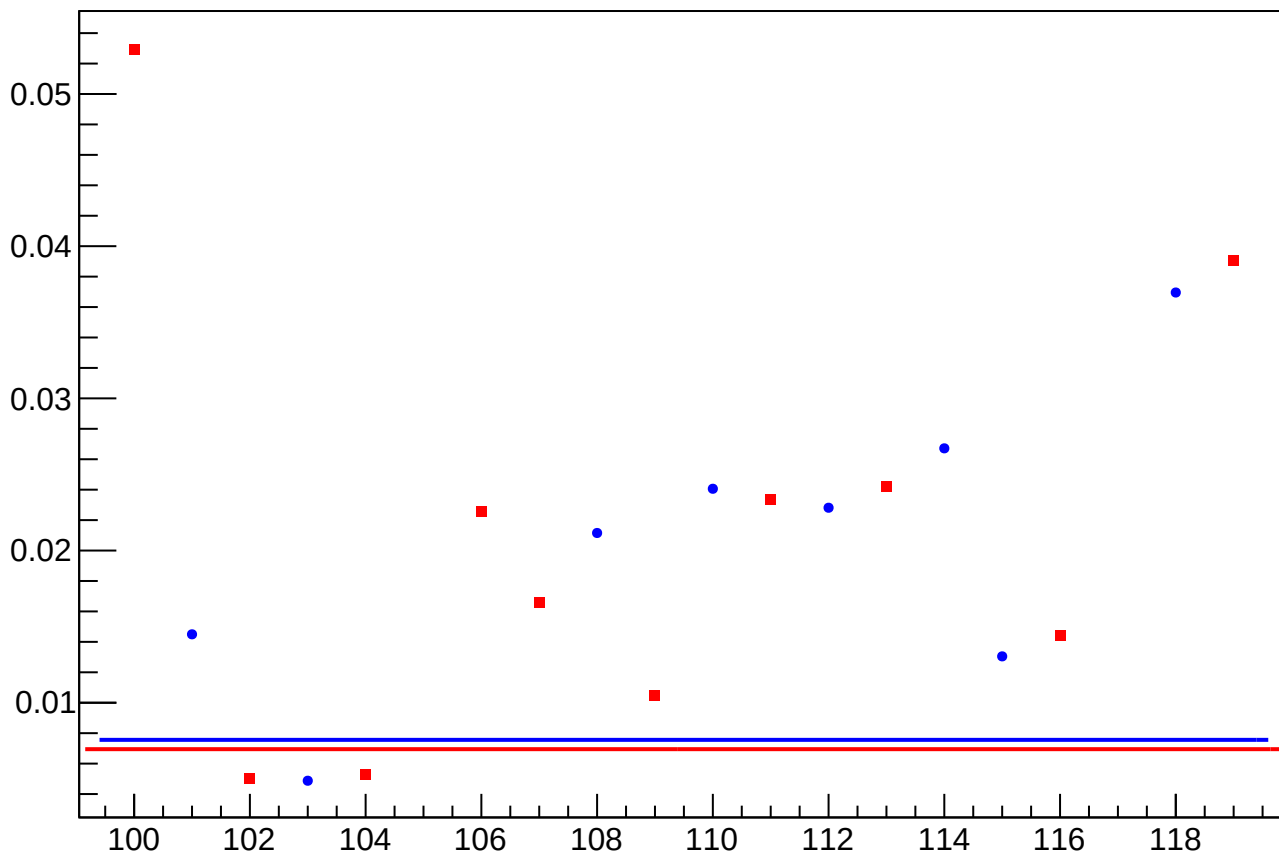
Right: -0.000+/-0.000 χ^2/NDF : 15.2/17

In: -0.000+/-0.000 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.2/17

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2505110.4/7

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

Right Out: 0.007+/-0.000 χ^2/NDF : 2824543.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

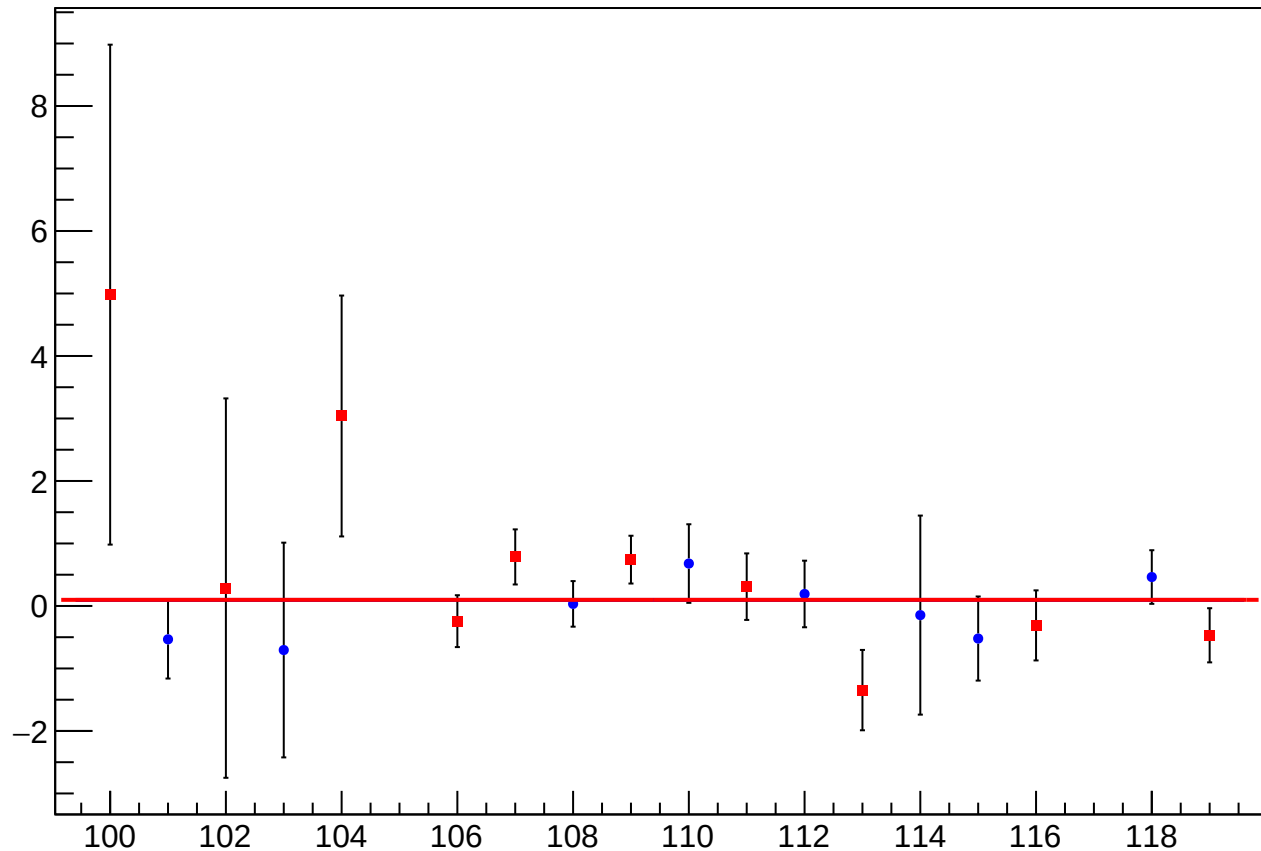
Right: 0.007+/-0.000 χ^2/NDF : 5344319.4/17

In: 0.008+/-0.000 χ^2/NDF :2505110.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5344319.4/17

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.202 χ^2 /NDF: 3.7/7

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

Right Out: 0.098 $\pm$ 0.175 χ^2 /NDF: 17.2/9

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

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

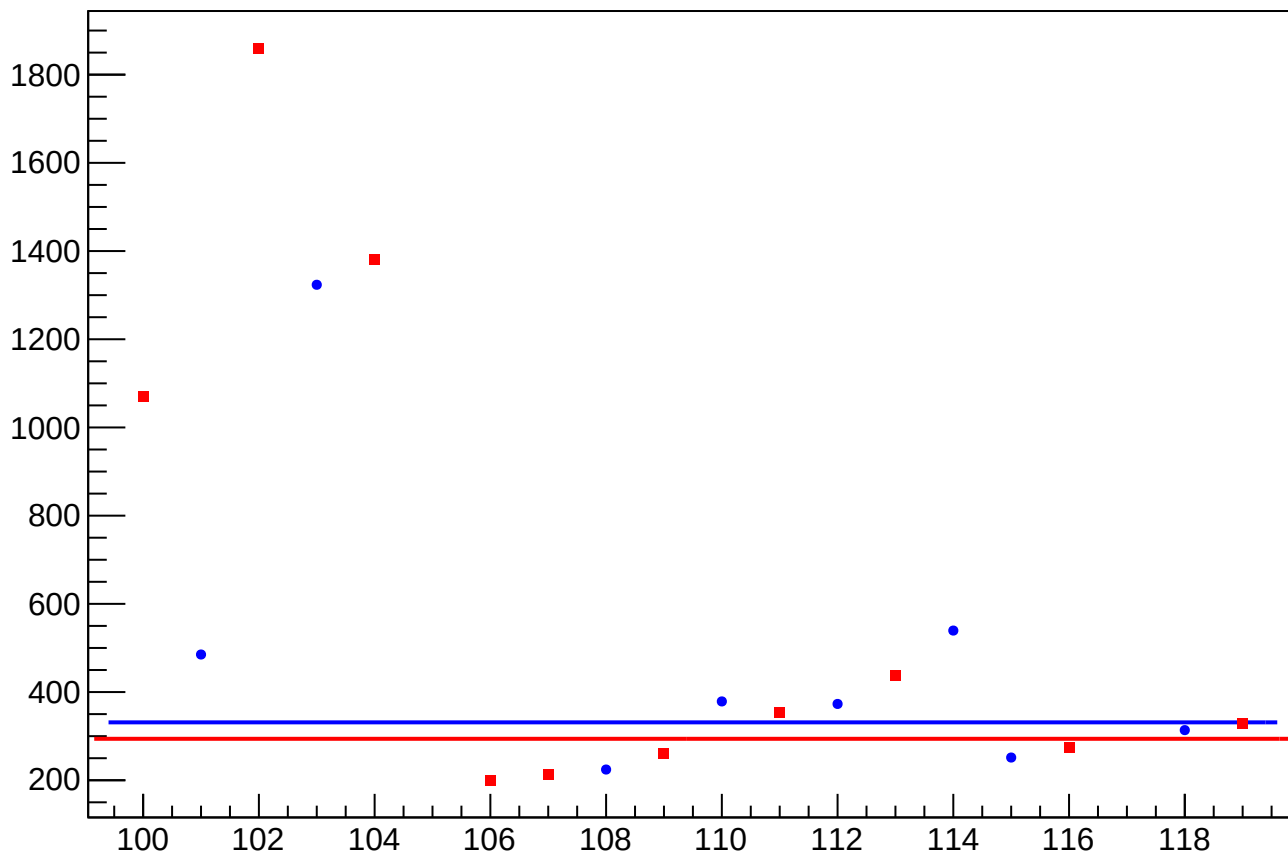
Right: 0.097 $\pm$ 0.132 χ^2 /NDF: 20.9/17

In: 0.096 $\pm$ 0.202 χ^2 /NDF:3.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.097 $\pm$ 0.132 χ^2 /NDF: 20.9/17

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 331.291+/-0.143 χ^2/NDF : 1048671.8/7

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

Right Out: 294.009+/-0.124 χ^2/NDF : 1570551.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

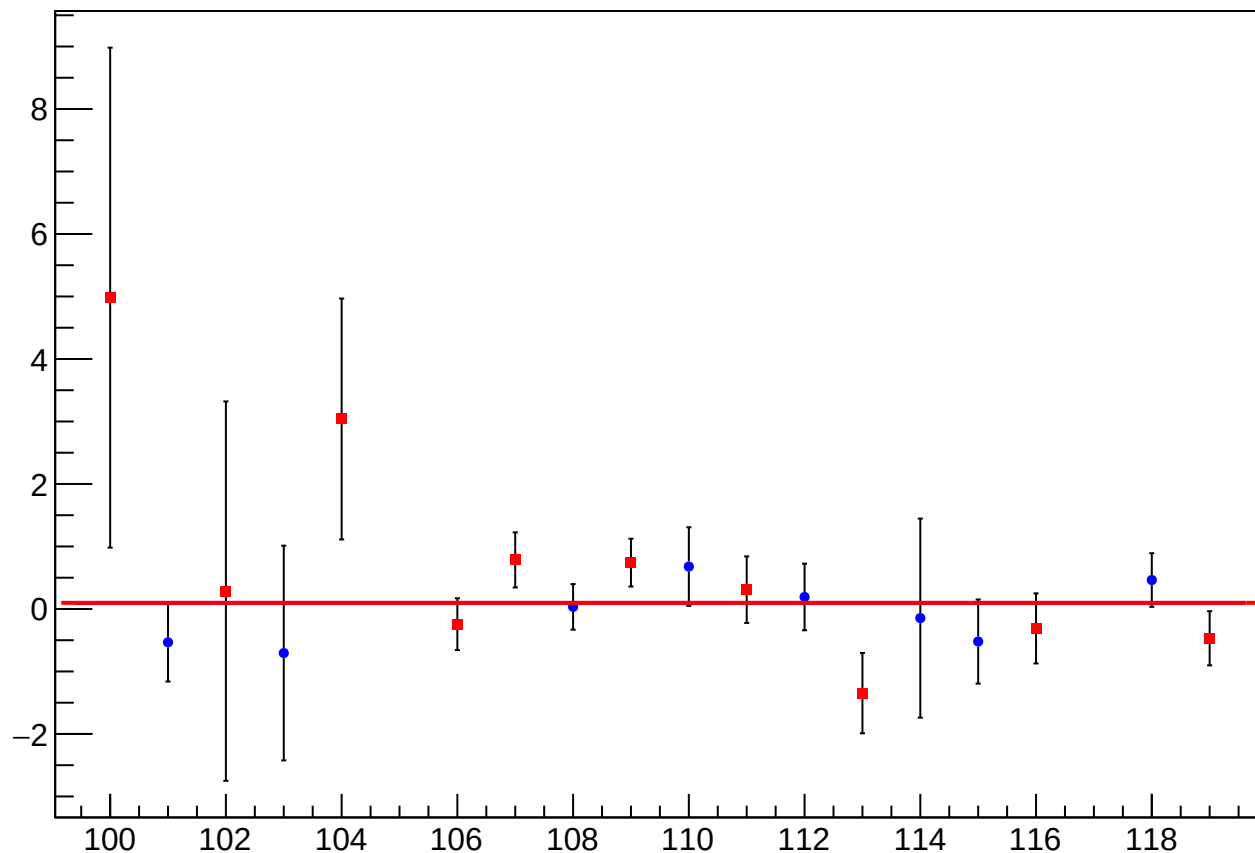
Right: 309.976+/-0.094 χ^2/NDF : 2658144.0/17

In: 331.291+/-0.143 χ^2/NDF : 1048671.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.976+/-0.094 χ^2/NDF : 2658144.0/17

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.096 $\pm$ 0.202 χ^2 /NDF: 3.7/7

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

Right Out: 0.098 $\pm$ 0.175 χ^2 /NDF: 17.2/9

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

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

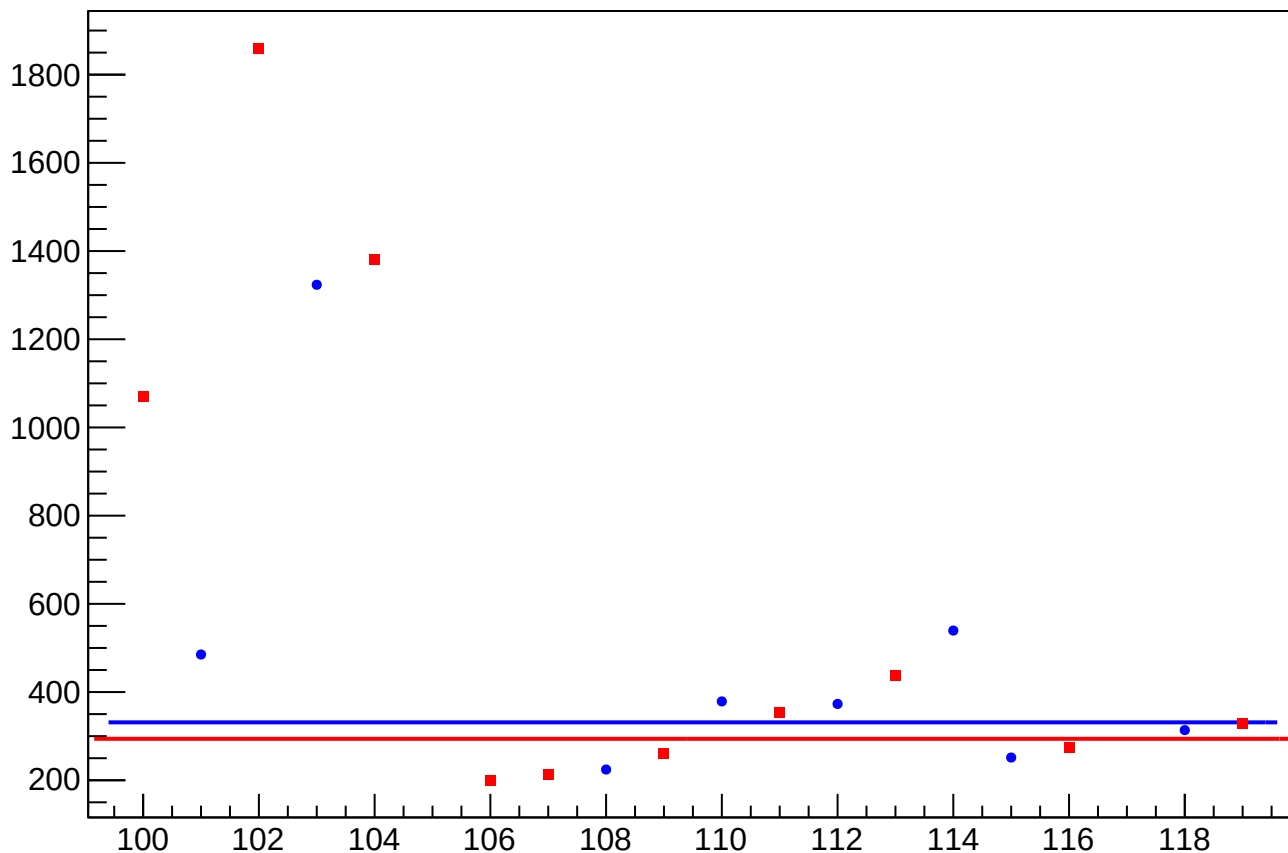
Right: 0.097 $\pm$ 0.132 χ^2 /NDF: 20.9/17

In: 0.096 $\pm$ 0.202 χ^2 /NDF:3.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.097 $\pm$ 0.132 χ^2 /NDF: 20.9/17

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 331.291+/-0.143 χ^2/NDF : 1048671.8/7

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

Right Out: 294.009+/-0.124 χ^2/NDF : 1570551.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

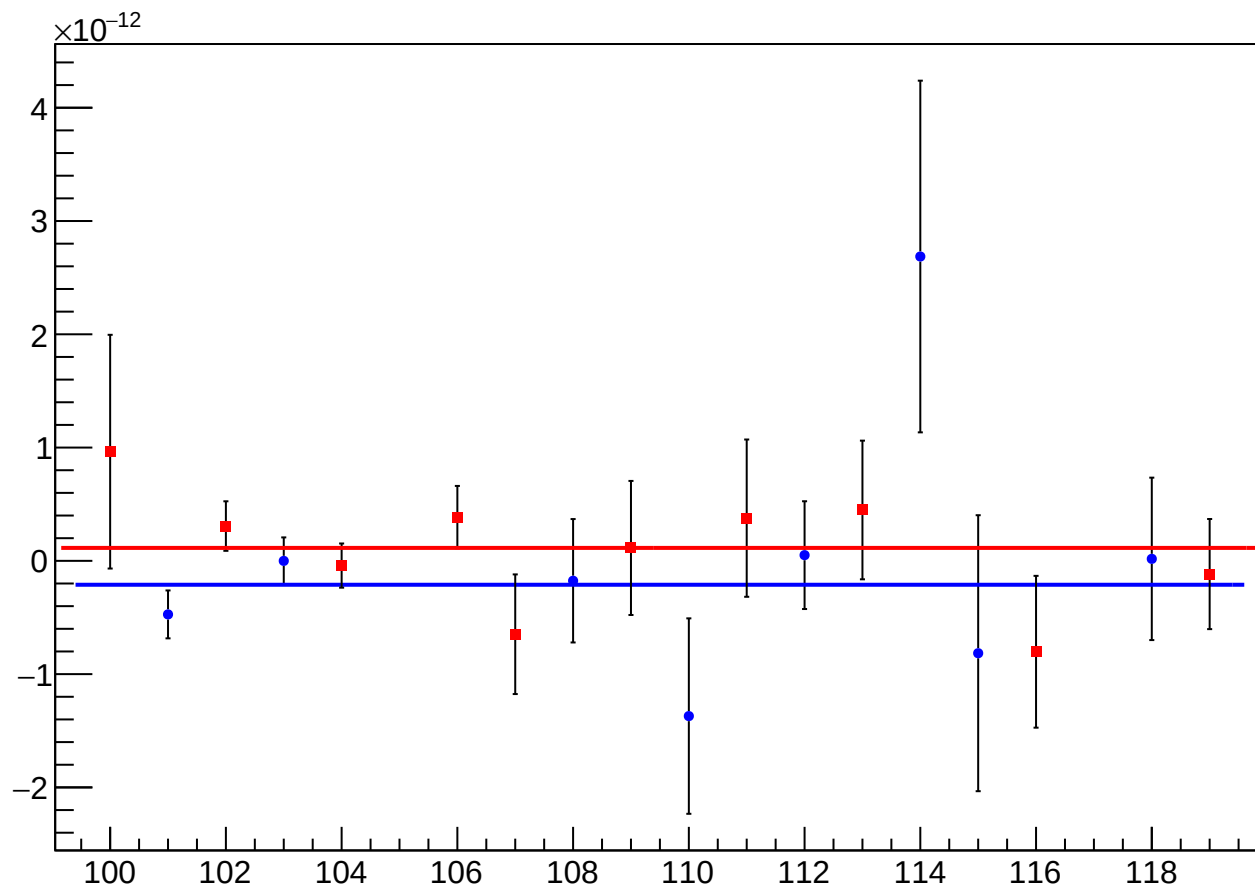
Right: 309.976+/-0.094 χ^2/NDF : 2658144.0/17

In: 331.291+/-0.143 χ^2/NDF : 1048671.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.976+/-0.094 χ^2/NDF : 2658144.0/17

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

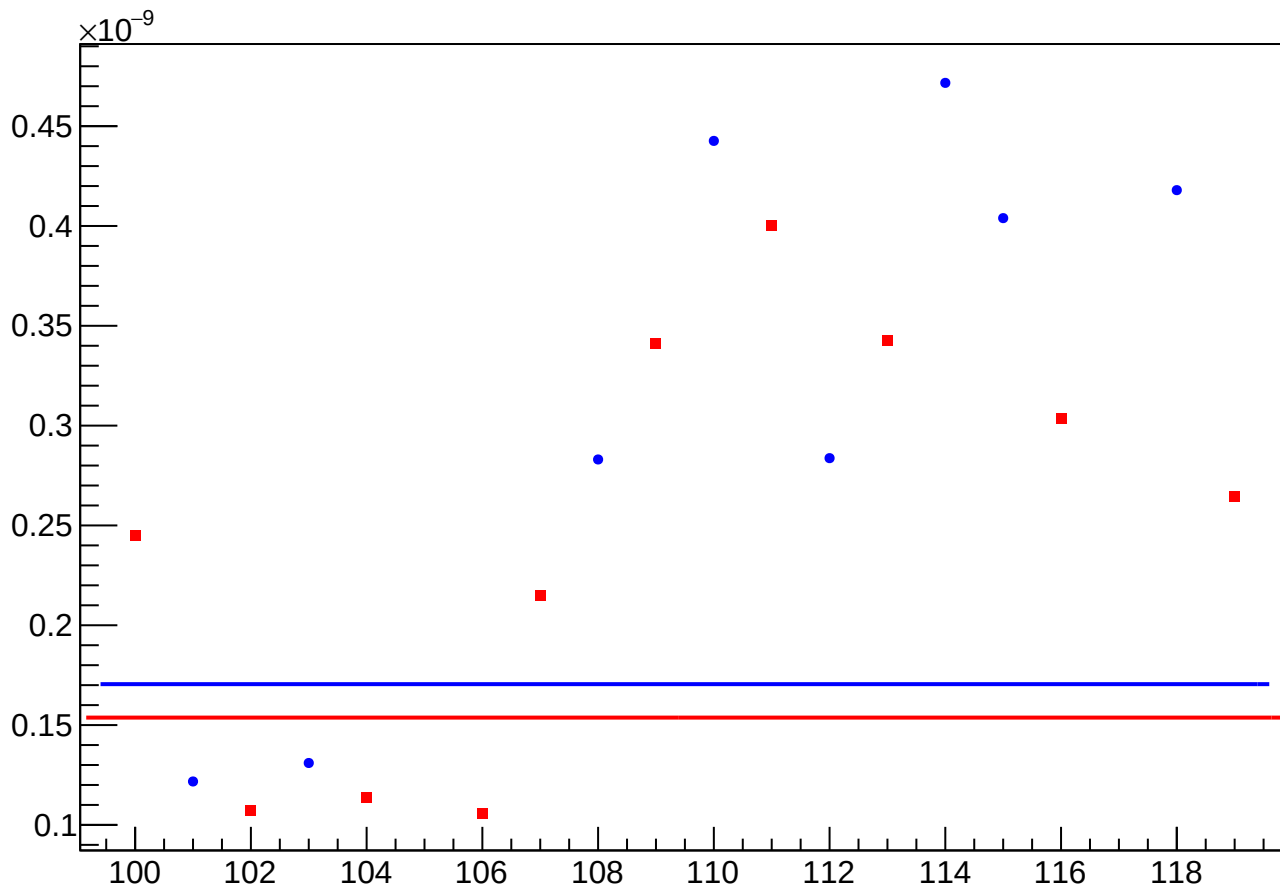
Right: -0.000+/-0.000 χ^2/NDF : 19.7/17

In: -0.000+/-0.000 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.7/17

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 963502.5/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1124637.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

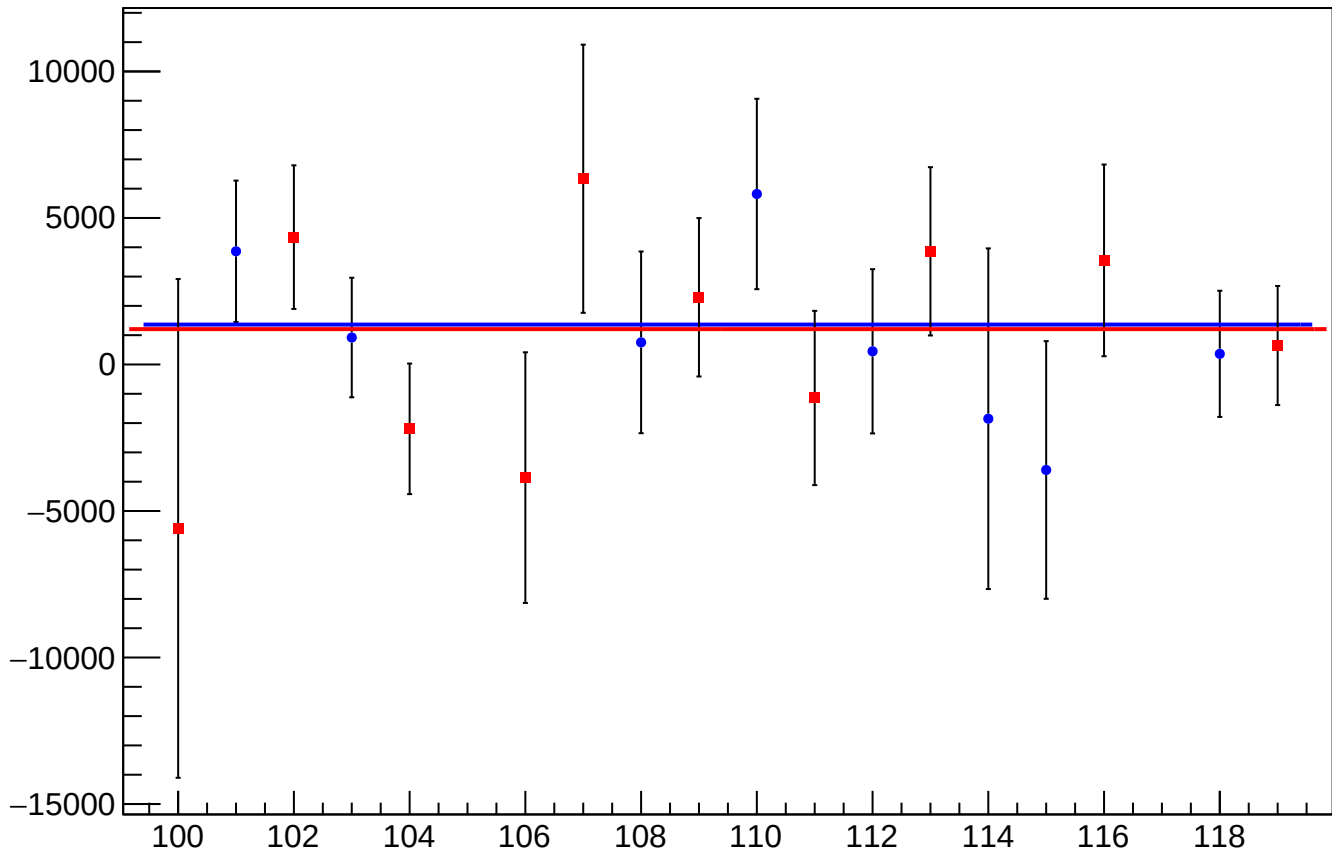
Right: 0.000+/-0.000 χ^2/NDF : 2106877.3/17

In: 0.000+/-0.000 χ^2/NDF : 963502.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2106877.3/17

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1361.268+/-982.816 χ^2/NDF : 4.9/7

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

Right Out: 1206.693+/-916.301 χ^2/NDF : 9.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

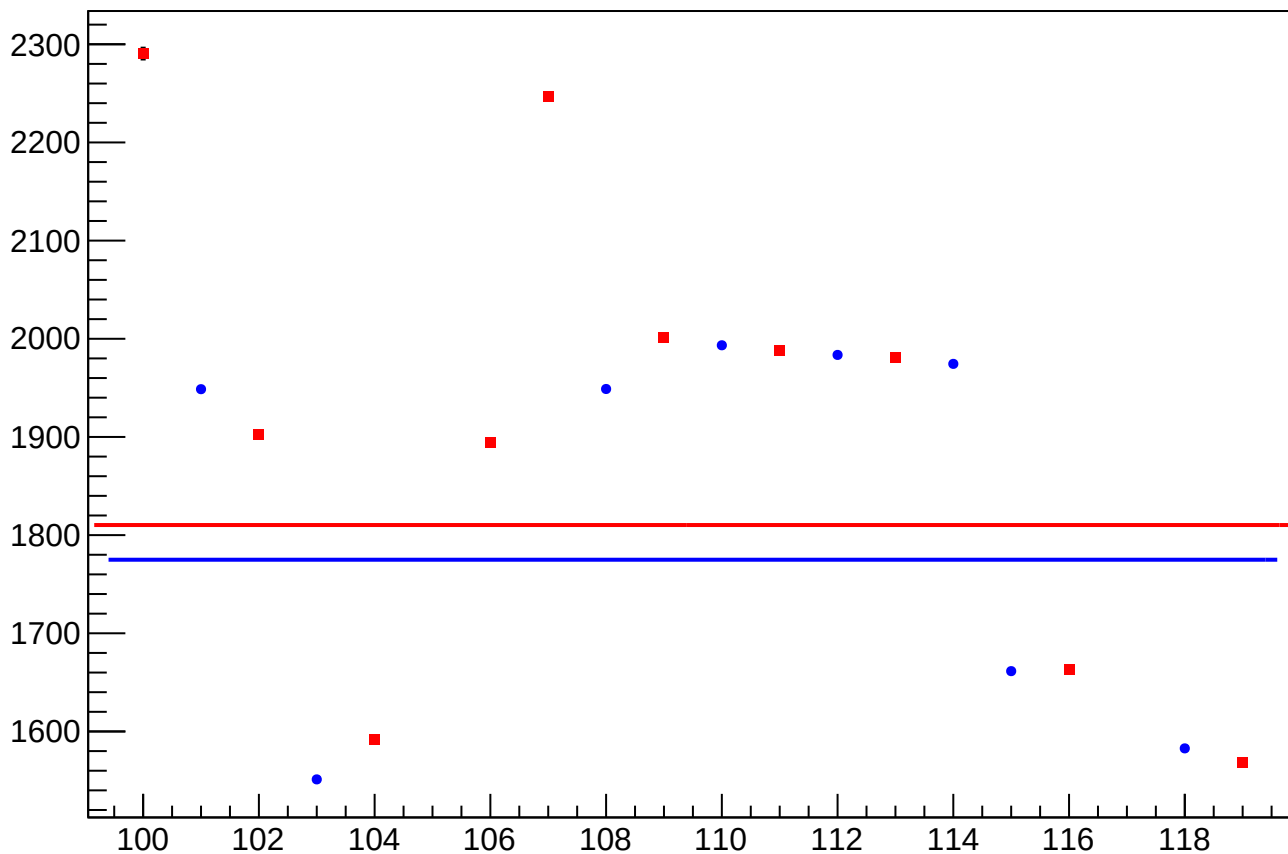
Right: 1278.574+/-670.205 χ^2/NDF : 14.5/17

In: 1361.268+/-982.816 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.574+/-670.205 χ^2/NDF : 14.5/17

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1774.933+/-0.695 χ^2/NDF : 80474.9/7

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

Right Out: 1810.277+/-0.642 χ^2/NDF : 104252.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

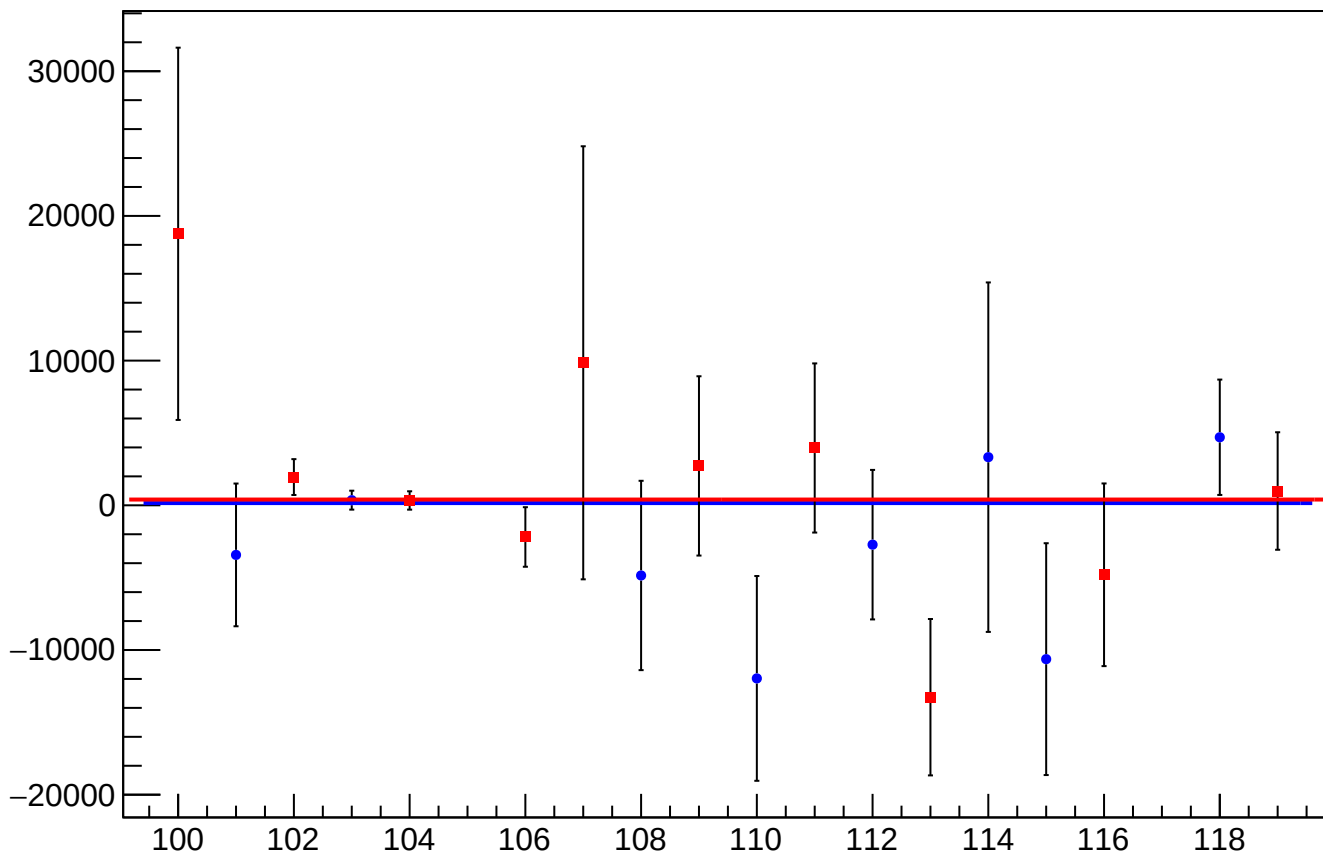
Right: 1794.010+/-0.471 χ^2/NDF : 186123.3/17

In: 1774.933+/-0.695 χ^2/NDF : 80474.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.010+/-0.471 χ^2/NDF : 186123.3/17

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 153.406 $\pm$ 626.792 χ^2 /NDF: 7.6/7

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

Right Out: 398.277 $\pm$ 529.978 χ^2 /NDF: 13.2/9

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

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

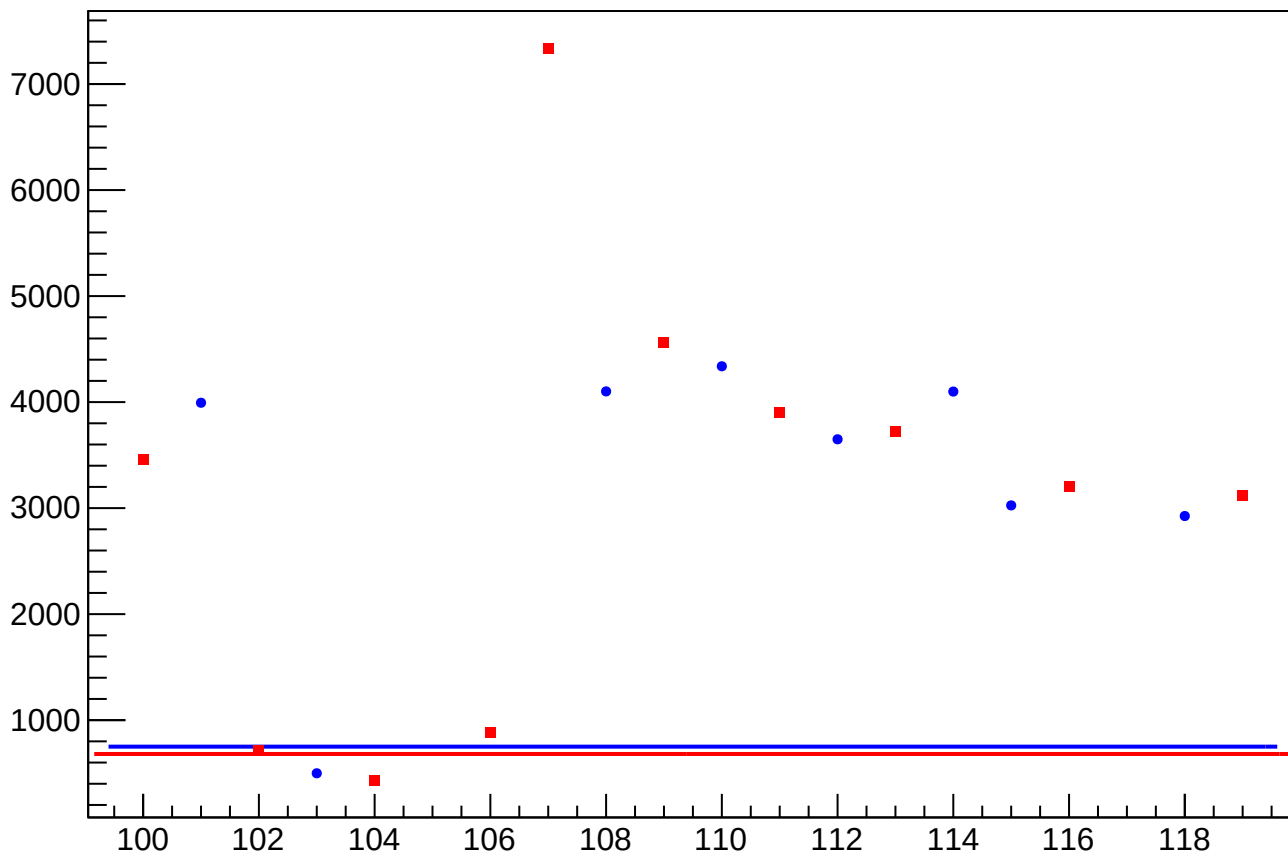
Right: 296.193 $\pm$ 404.700 χ^2 /NDF: 20.9/17

In: 153.406 $\pm$ 626.792 χ^2 /NDF:7.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.193 $\pm$ 404.700 χ^2 /NDF: 20.9/17

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 750.083+/-0.443 χ^2/NDF : 3739560.9/7

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

Right Out: 680.849+/-0.375 χ^2/NDF : 3893962.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

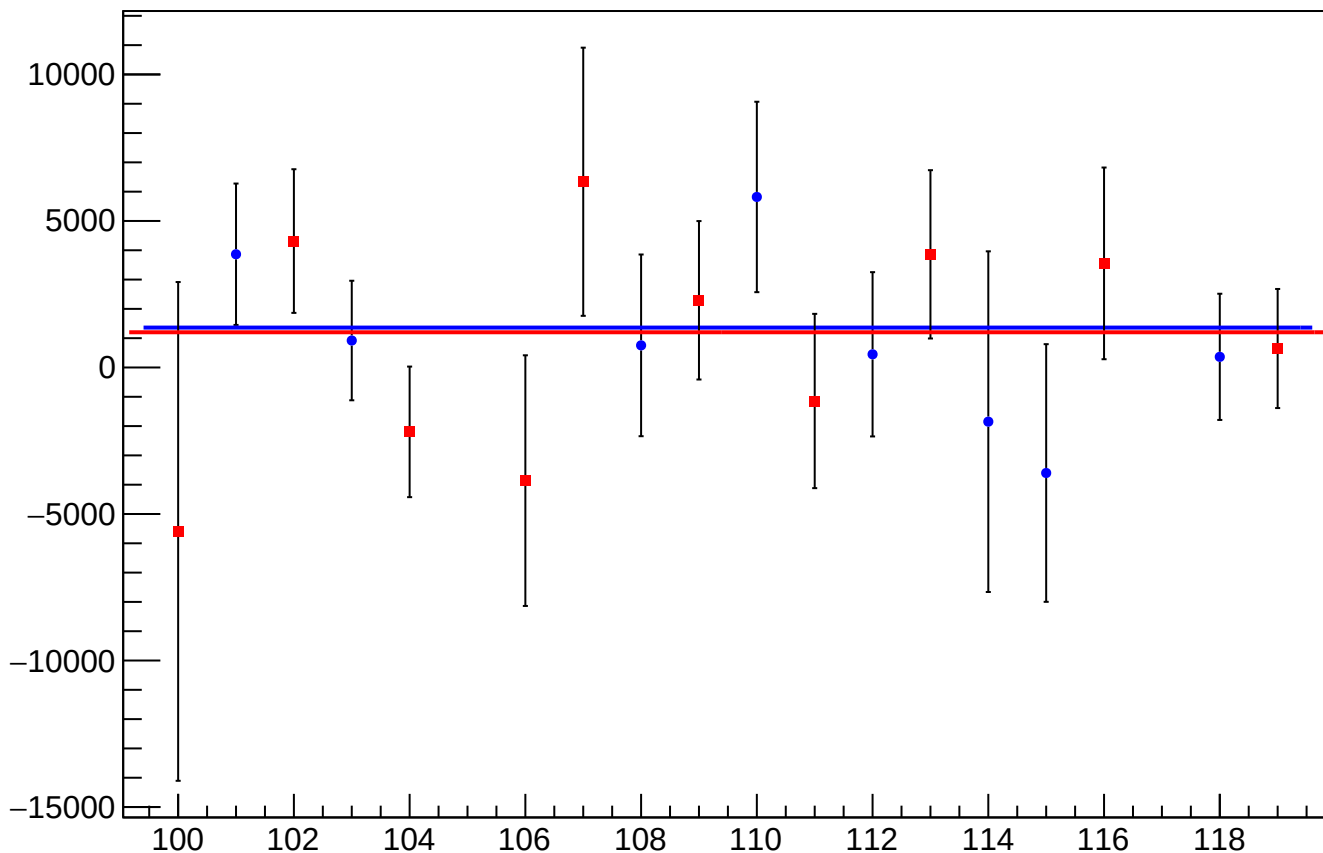
Right: 709.712+/-0.286 χ^2/NDF : 7647752.3/17

In: 750.083+/-0.443 χ^2/NDF : 3739560.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.712+/-0.286 χ^2/NDF : 7647752.3/17

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1361.622+/-982.816 χ^2/NDF : 4.9/7

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

Right Out: 1201.762+/-916.316 χ^2/NDF : 9.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

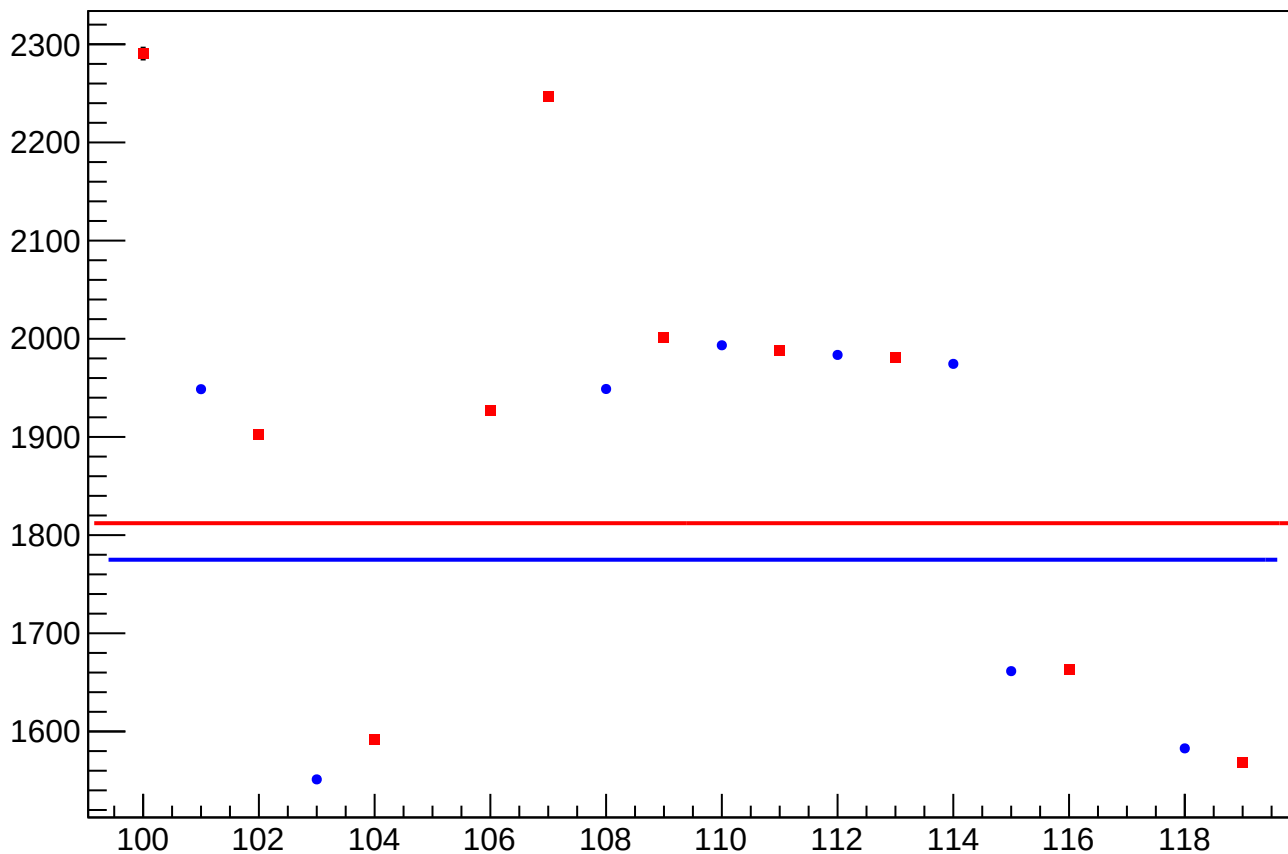
Right: 1276.101+/-670.211 χ^2/NDF : 14.4/17

In: 1361.622+/-982.816 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.101+/-670.211 χ^2/NDF : 14.4/17

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1774.932+/-0.695 χ^2/NDF : 80475.1/7

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

Right Out: 1812.144+/-0.642 χ^2/NDF : 105198.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

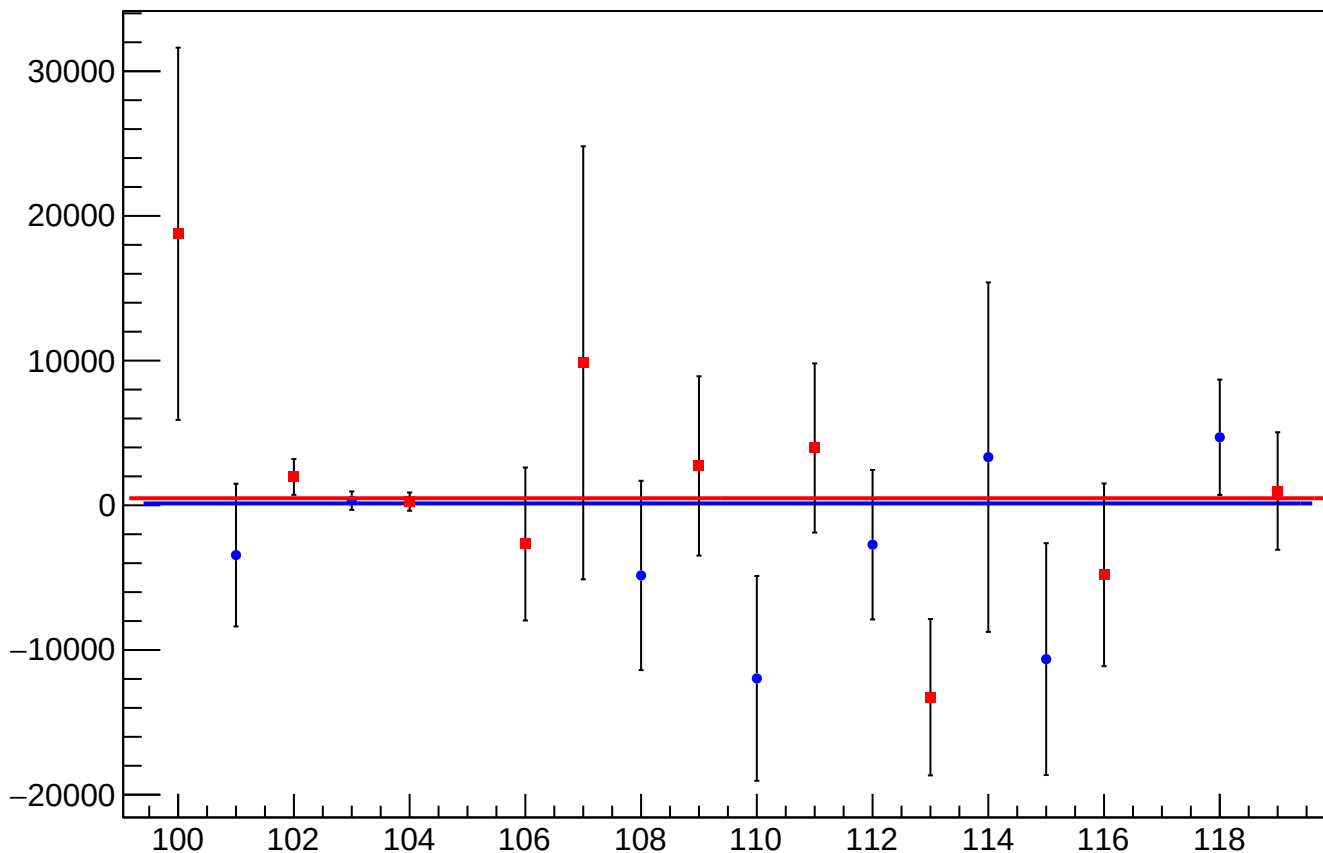
Right: 1794.999+/-0.472 χ^2/NDF : 187220.1/17

In: 1774.932+/-0.695 χ^2/NDF : 80475.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.999+/-0.472 χ^2/NDF : 187220.1/17

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.805 $\pm$ 612.278 χ^2 /NDF: 7.6/7

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

Right Out: 487.783 $\pm$ 542.697 χ^2 /NDF: 12.0/9

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

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

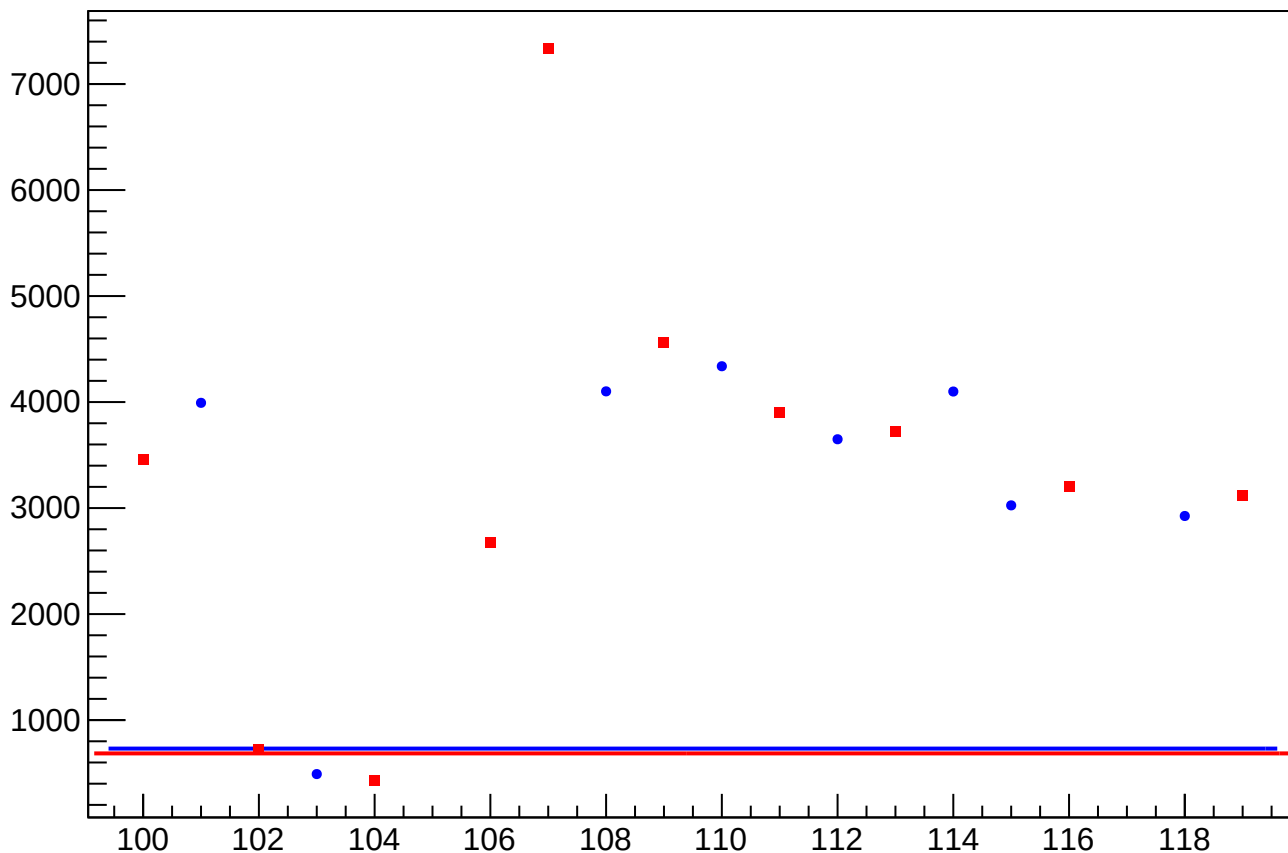
Right: 330.282 $\pm$ 406.127 χ^2 /NDF: 19.8/17

In: 129.805 $\pm$ 612.278 χ^2 /NDF:7.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 330.282 $\pm$ 406.127 χ^2 /NDF: 19.8/17

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 731.083+/-0.433 χ^2/NDF : 3773389.7/7

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

Right Out: 685.669+/-0.384 χ^2/NDF : 4165058.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

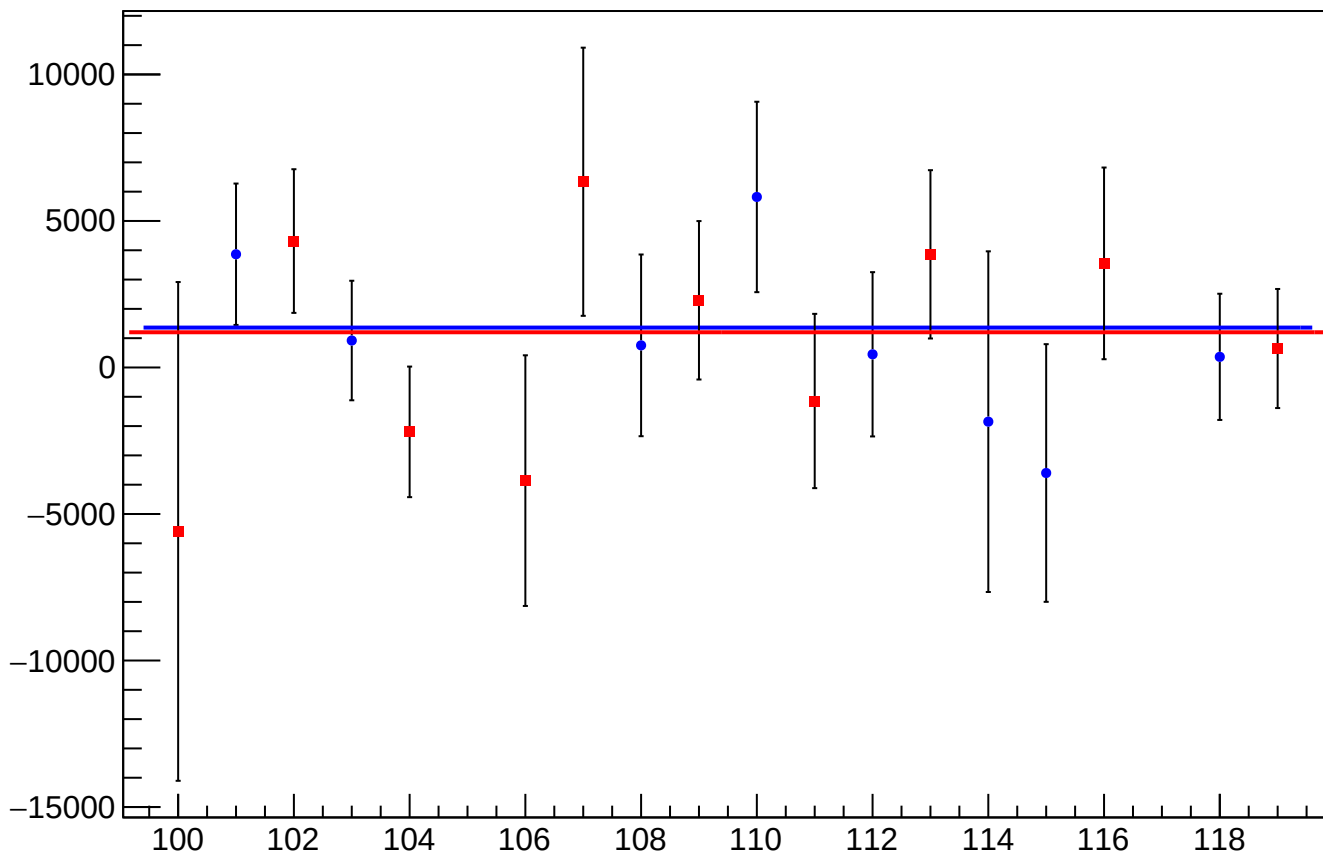
Right: 705.650+/-0.287 χ^2/NDF : 7944610.3/17

In: 731.083+/-0.433 χ^2/NDF : 3773389.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.650+/-0.287 χ^2/NDF : 7944610.3/17

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1361.622+/-982.816 χ^2/NDF : 4.9/7

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

Right Out: 1201.762+/-916.316 χ^2/NDF : 9.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

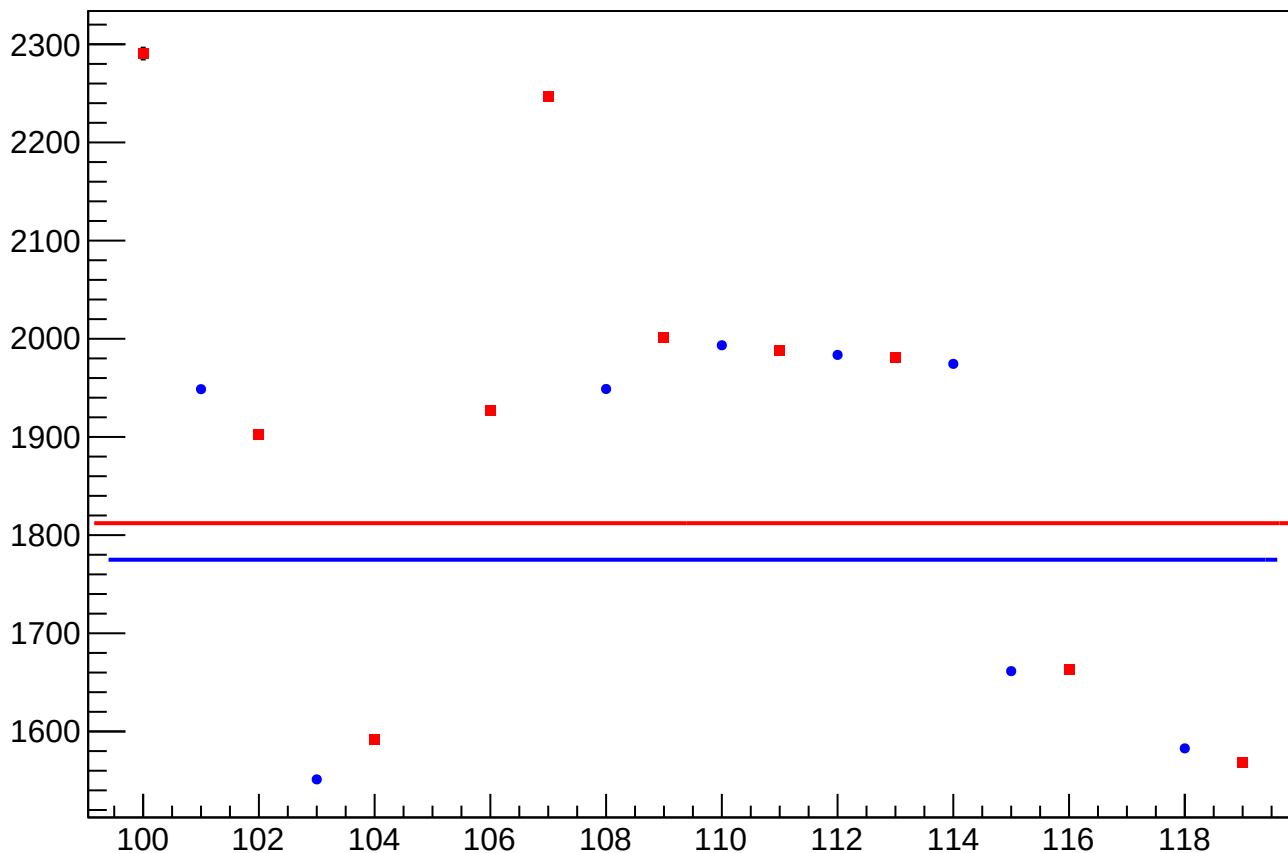
Right: 1276.101+/-670.211 χ^2/NDF : 14.4/17

In: 1361.622+/-982.816 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1276.101+/-670.211 χ^2/NDF : 14.4/17

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1774.932+/-0.695 χ^2/NDF : 80475.1/7

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

Right Out: 1812.144+/-0.642 χ^2/NDF : 105198.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

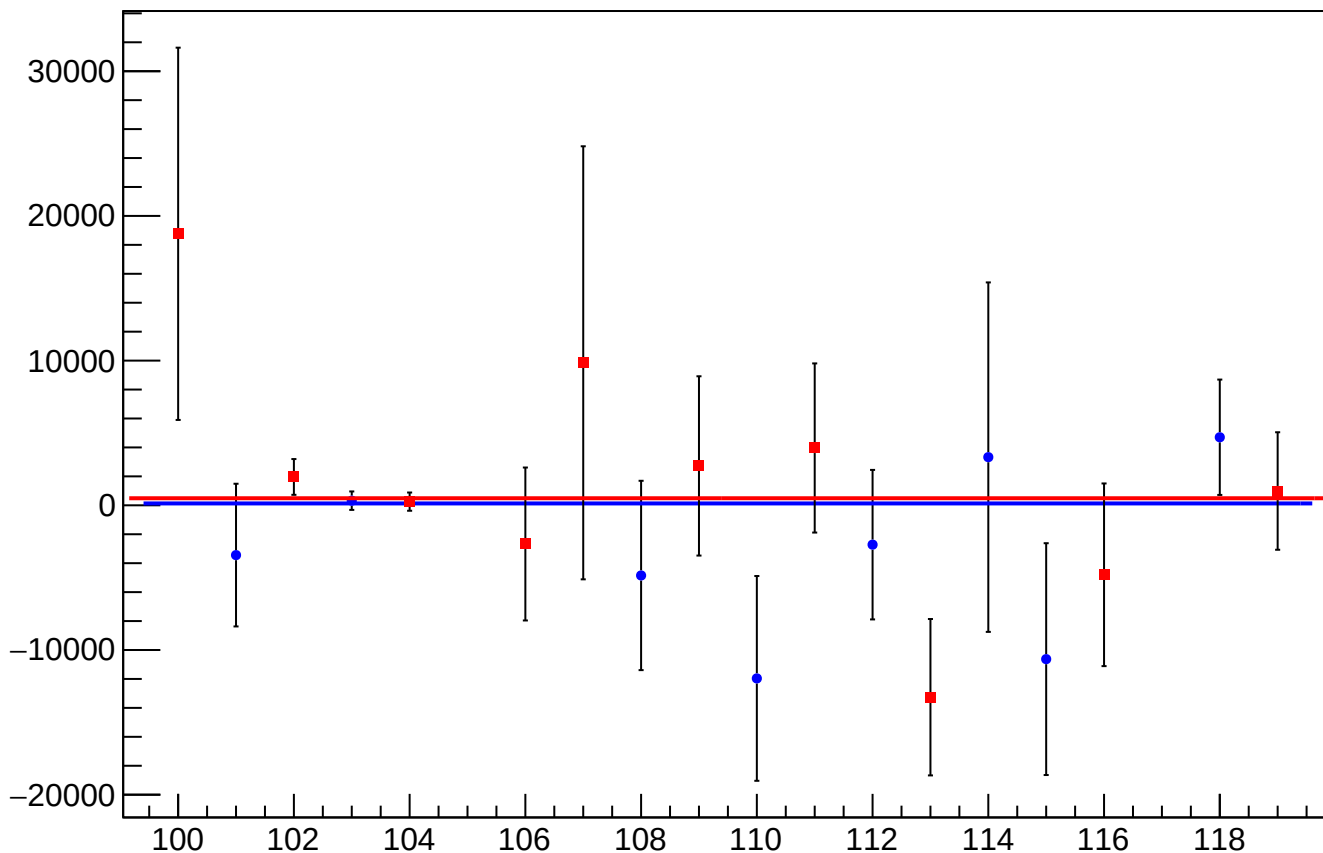
Right: 1794.999+/-0.472 χ^2/NDF : 187220.1/17

In: 1774.932+/-0.695 χ^2/NDF : 80475.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1794.999+/-0.472 χ^2/NDF : 187220.1/17

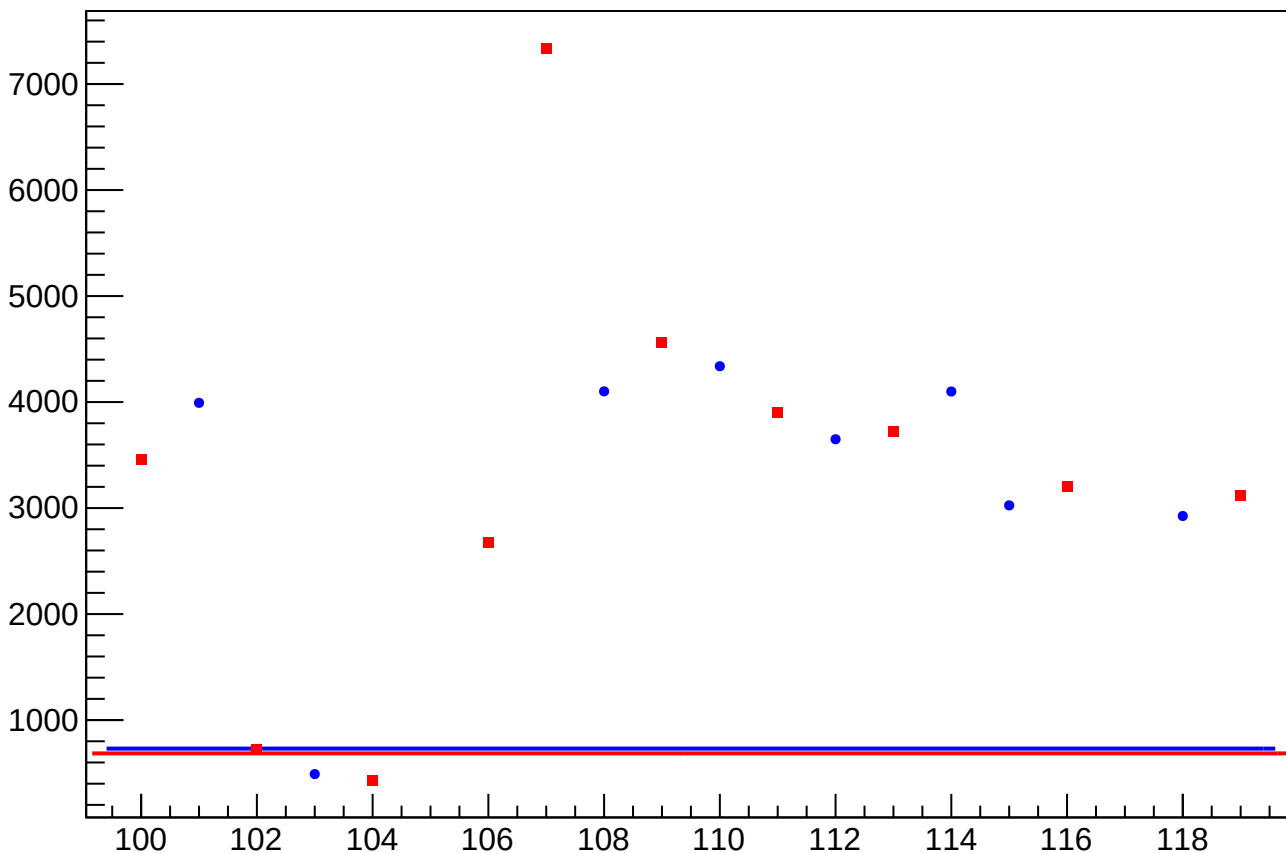
asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 129.805+/-612.278 χ^2/NDF : 7.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 487.783+/-542.697 χ^2/NDF : 12.0/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 330.282+/-406.127 χ^2/NDF : 19.8/17
 In: 129.805+/-612.278 χ^2/NDF :7.6/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 330.282+/-406.127 χ^2/NDF : 19.8/17

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 731.083+/-0.433 χ^2/NDF : 3773389.7/7

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

Right Out: 685.669+/-0.384 χ^2/NDF : 4165058.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

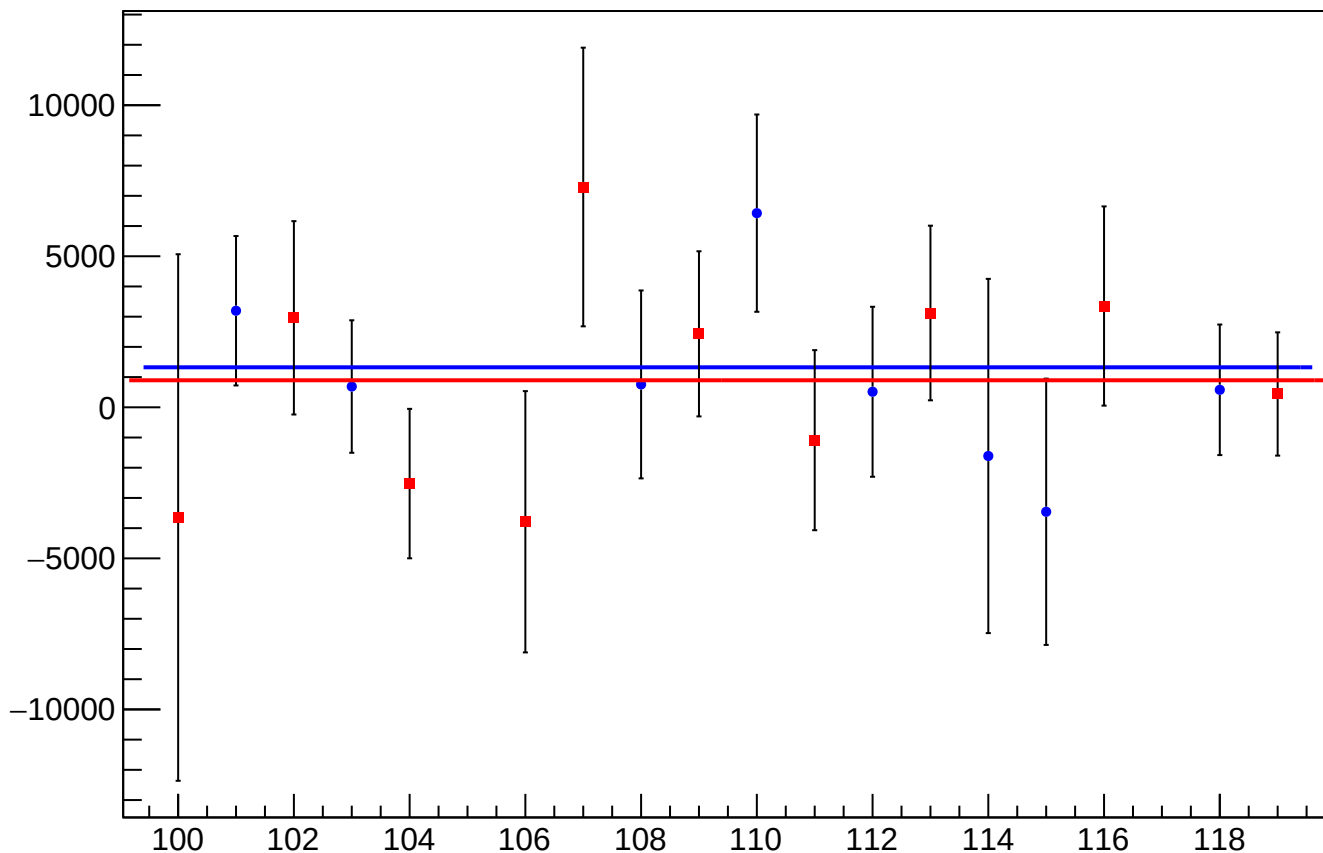
Right: 705.650+/-0.287 χ^2/NDF : 7944610.3/17

In: 731.083+/-0.433 χ^2/NDF : 3773389.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 705.650+/-0.287 χ^2/NDF : 7944610.3/17

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1324.316+/-1005.165 χ^2/NDF : 4.8/7

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

Right Out: 894.539+/-965.333 χ^2/NDF : 7.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

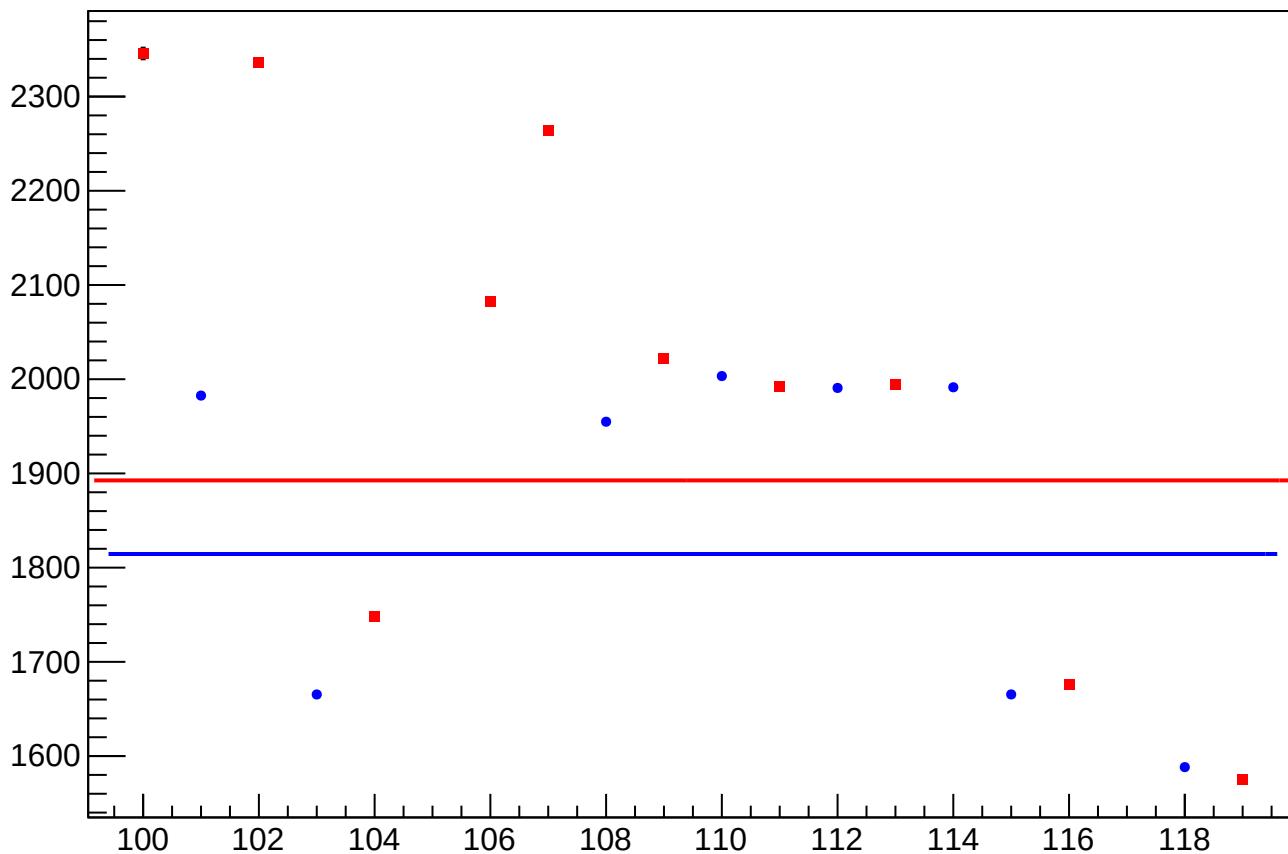
Right: 1100.744+/-696.249 χ^2/NDF : 12.5/17

In: 1324.316+/-1005.165 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.744+/-696.249 χ^2/NDF : 12.5/17

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1814.485+/-0.711 χ^2/NDF : 63139.3/7

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

Right Out: 1892.582+/-0.679 χ^2/NDF : 134527.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

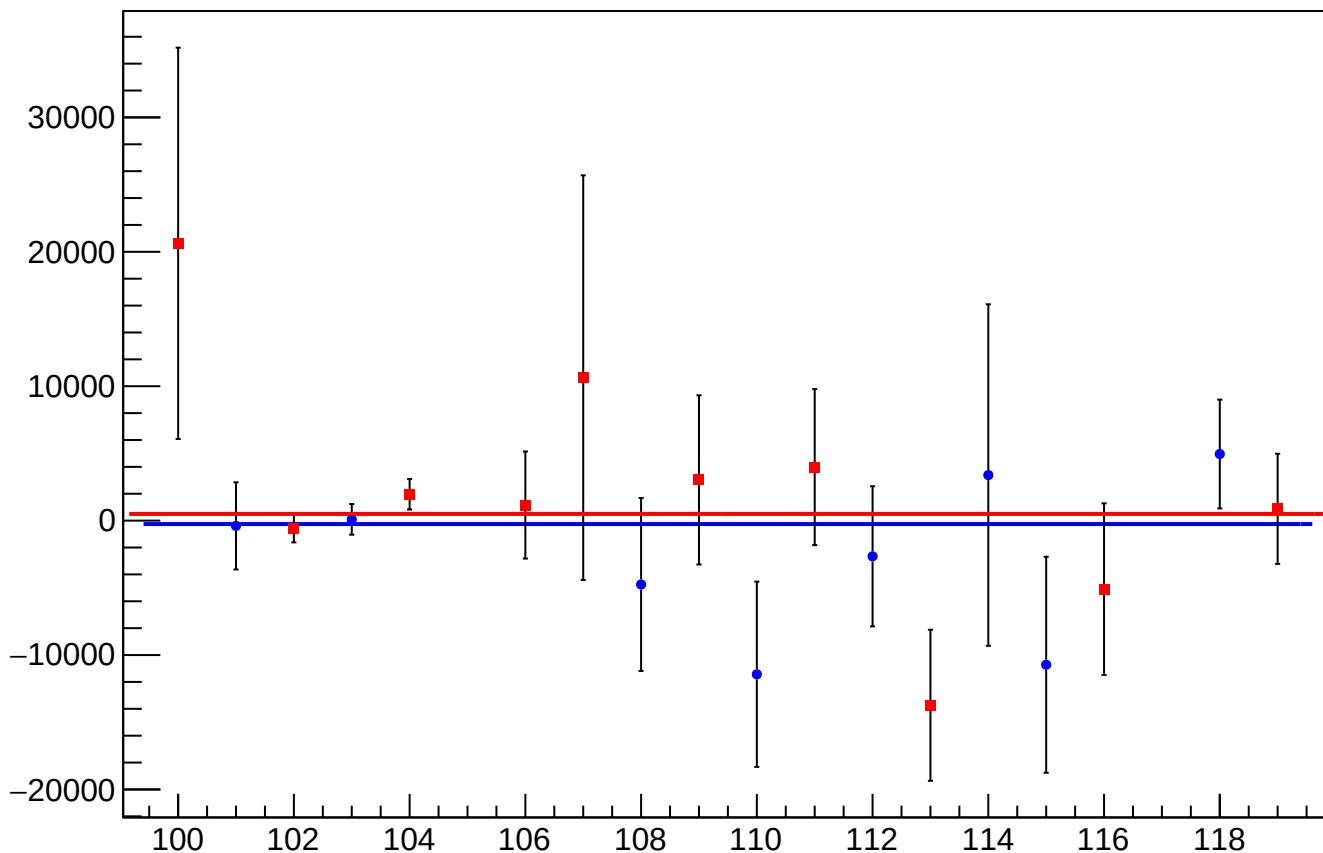
Right: 1855.300+/-0.491 χ^2/NDF : 203976.8/17

In: 1814.485+/-0.711 χ^2/NDF : 63139.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.300+/-0.491 χ^2/NDF : 203976.8/17

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -253.524+/-986.486 χ^2/NDF : 6.9/7

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

Right Out: 498.534+/-724.501 χ^2/NDF : 12.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

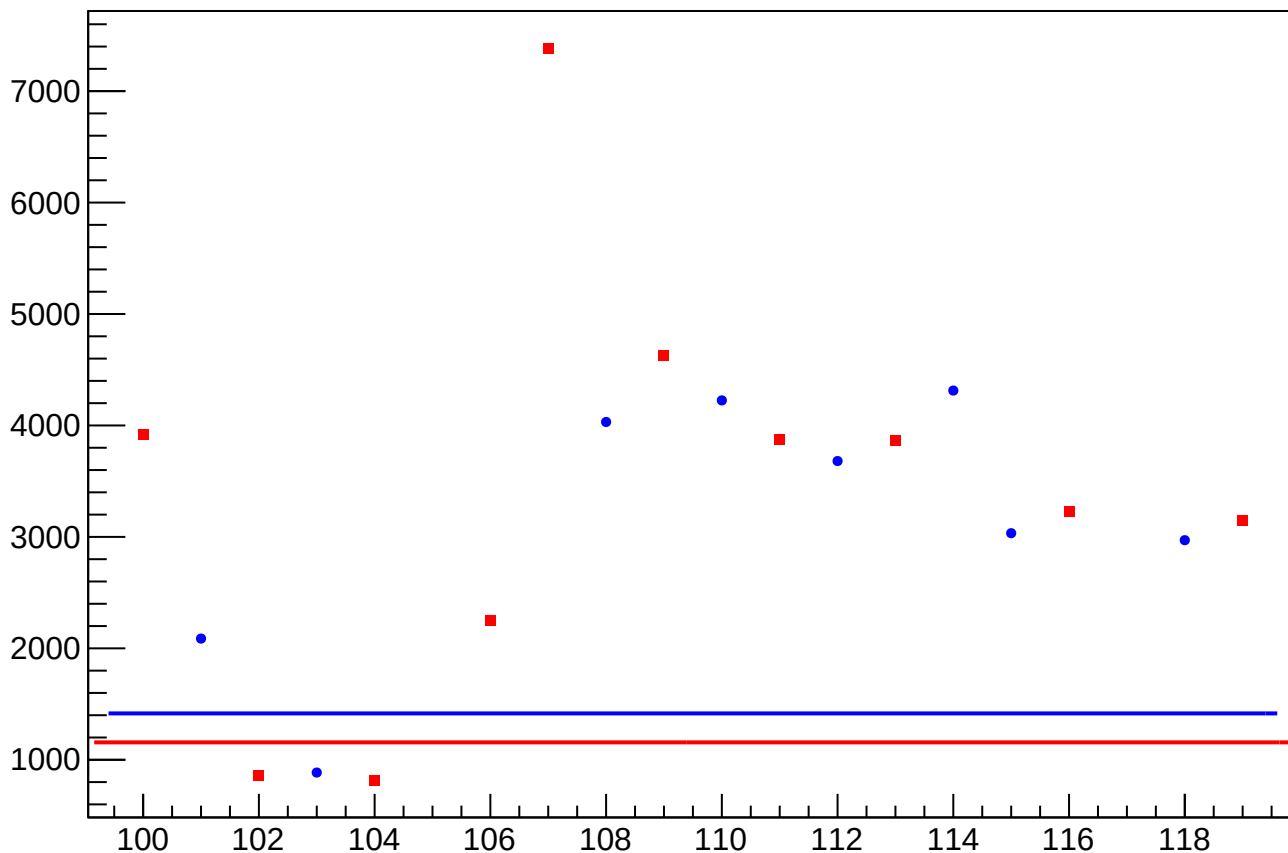
Right: 235.021+/-583.937 χ^2/NDF : 20.0/17

In: -253.524+/-986.486 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.021+/-583.937 χ^2/NDF : 20.0/17

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1416.276+/-0.698 χ^2/NDF : 2038040.0/7

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

Right Out: 1156.530+/-0.512 χ^2/NDF : 3102847.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

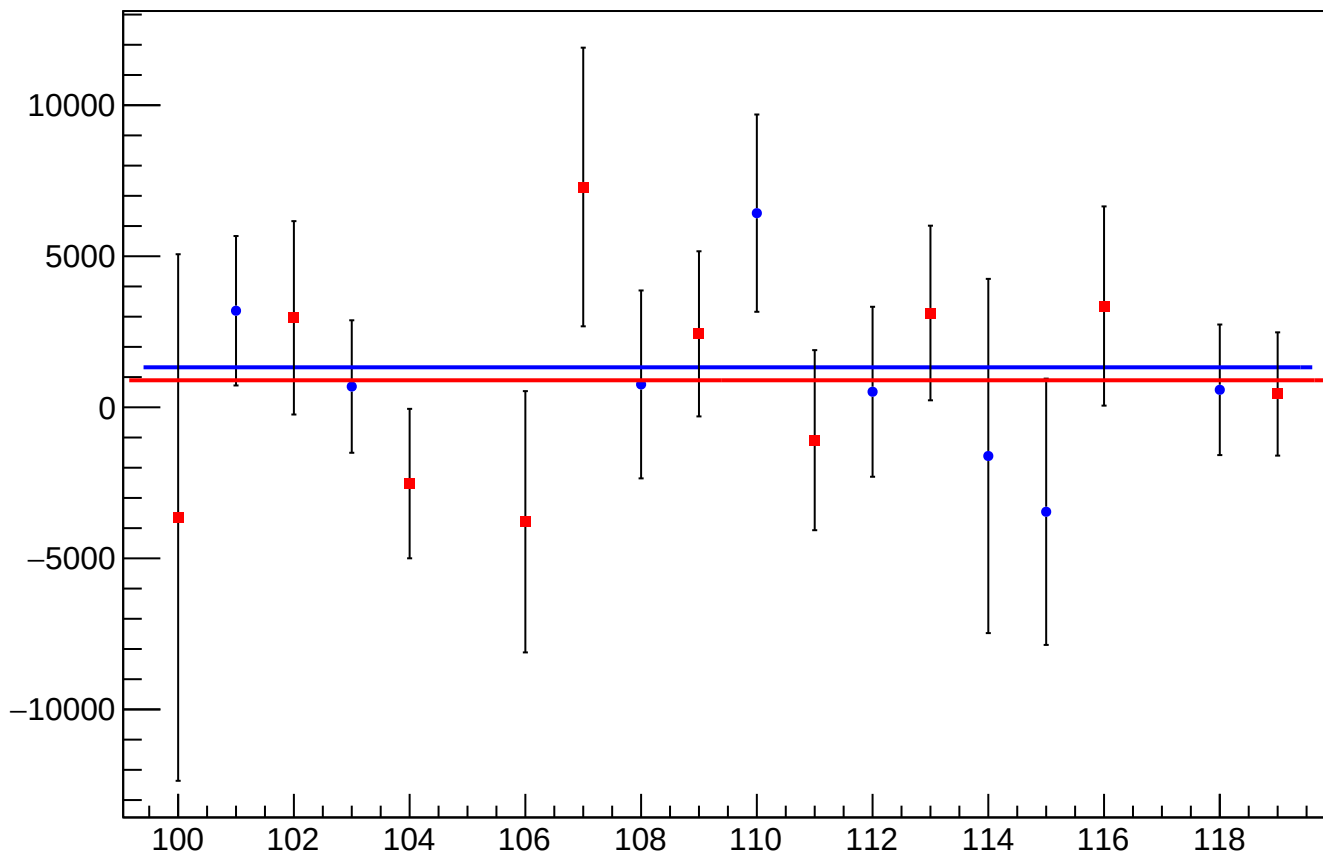
Right: 1247.542+/-0.413 χ^2/NDF : 5230961.2/17

In: 1416.276+/-0.698 χ^2/NDF : 2038040.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1247.542+/-0.413 χ^2/NDF : 5230961.2/17

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1324.319+/-1005.164 χ^2/NDF : 4.8/7

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

Right Out: 894.542+/-965.333 χ^2/NDF : 7.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

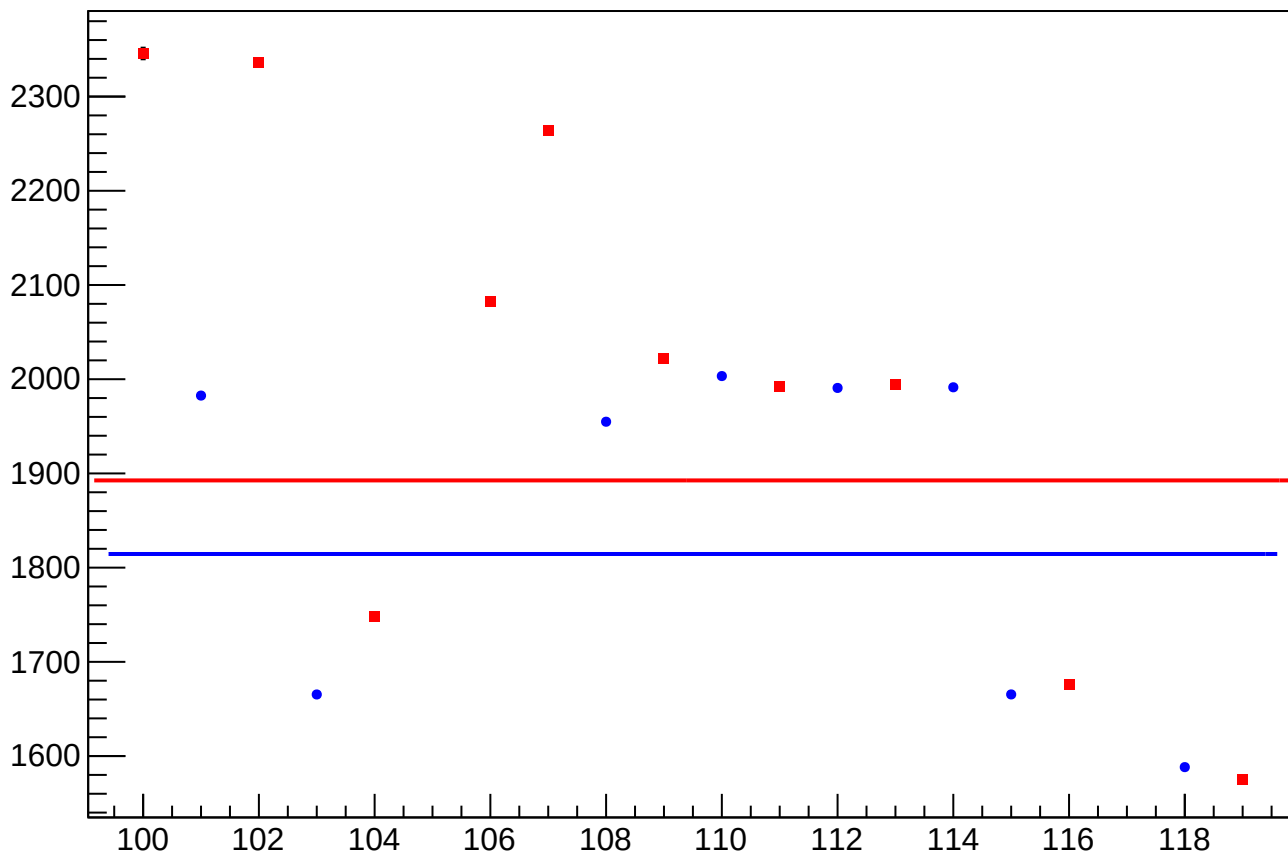
Right: 1100.747+/-696.249 χ^2/NDF : 12.5/17

In: 1324.319+/-1005.164 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.747+/-696.249 χ^2/NDF : 12.5/17

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1814.484+/-0.711 χ^2/NDF : 63139.7/7

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

Right Out: 1892.581+/-0.679 χ^2/NDF : 134527.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

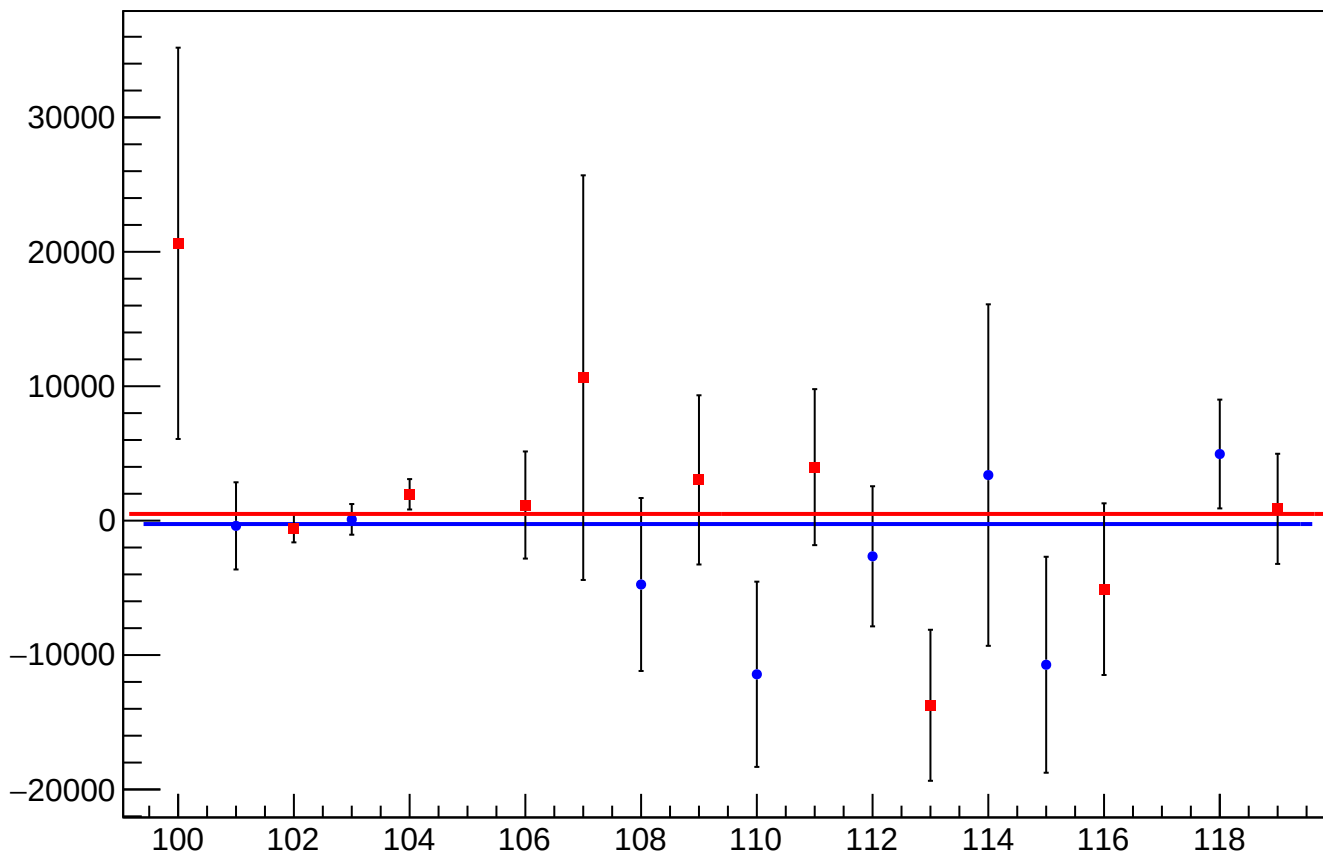
Right: 1855.299+/-0.491 χ^2/NDF : 203977.2/17

In: 1814.484+/-0.711 χ^2/NDF : 63139.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.299+/-0.491 χ^2/NDF : 203977.2/17

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -253.518+/-986.478 χ^2/NDF : 6.9/7

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

Right Out: 498.532+/-724.496 χ^2/NDF : 12.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

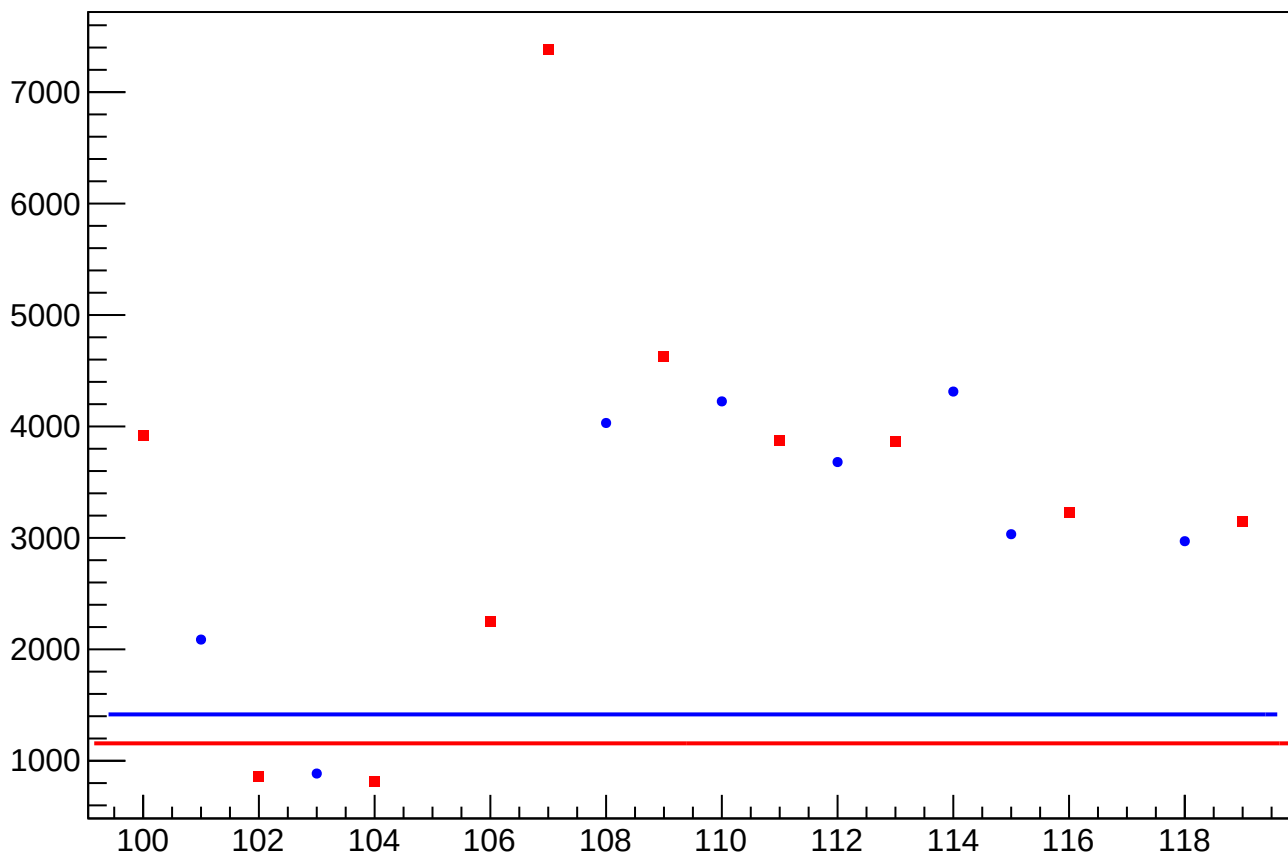
Right: 235.022+/-583.932 χ^2/NDF : 20.0/17

In: -253.518+/-986.478 χ^2/NDF :6.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 235.022+/-583.932 χ^2/NDF : 20.0/17

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1416.262+/-0.698 χ^2/NDF : 2038049.5/7

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

Right Out: 1156.519+/-0.512 χ^2/NDF : 3102859.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

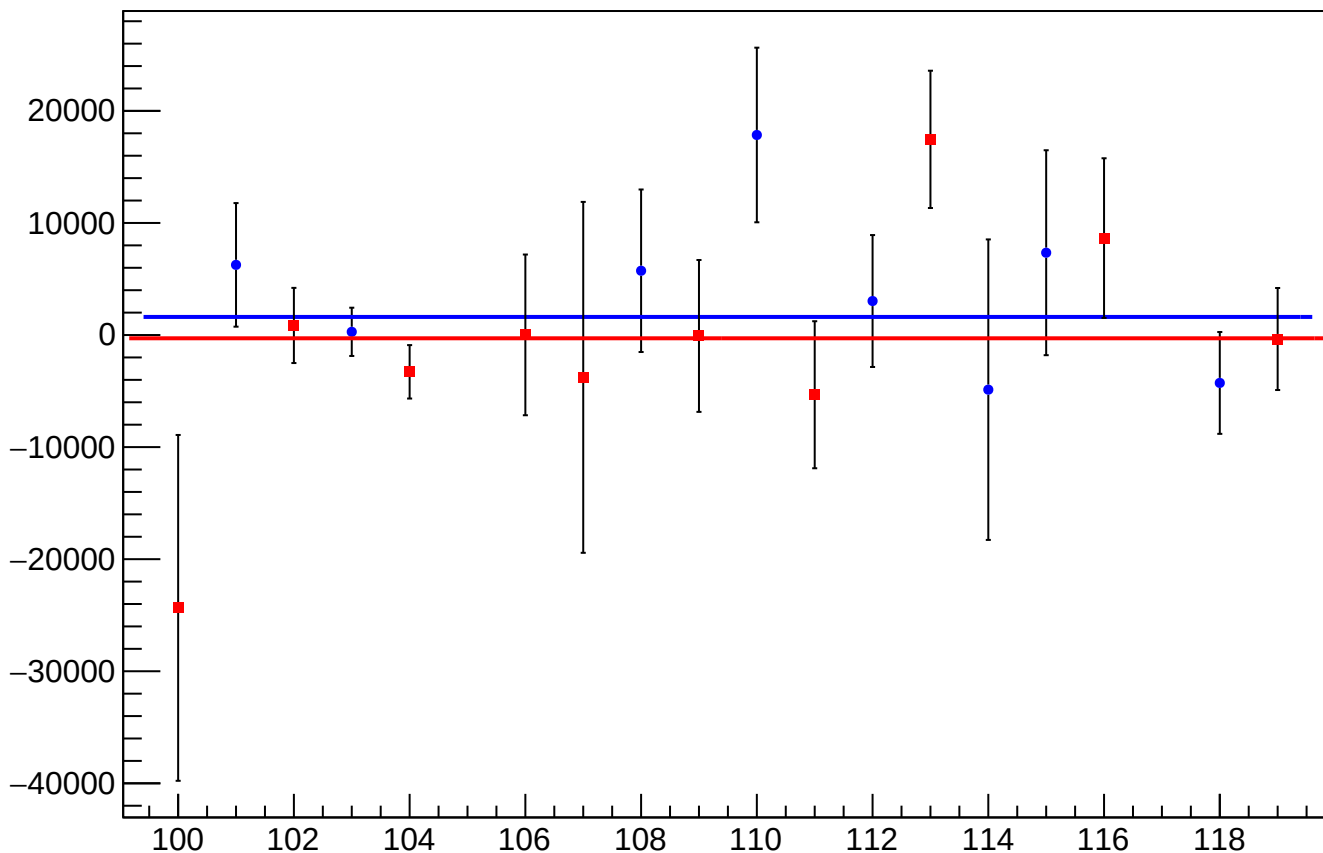
Right: 1247.530+/-0.413 χ^2/NDF : 5230982.6/17

In: 1416.262+/-0.698 χ^2/NDF : 2038049.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1247.530+/-0.413 χ^2/NDF : 5230982.6/17

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1614.889+/-1624.488 χ^2/NDF : 8.1/7

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

Right Out: -290.855+/-1521.100 χ^2/NDF : 14.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

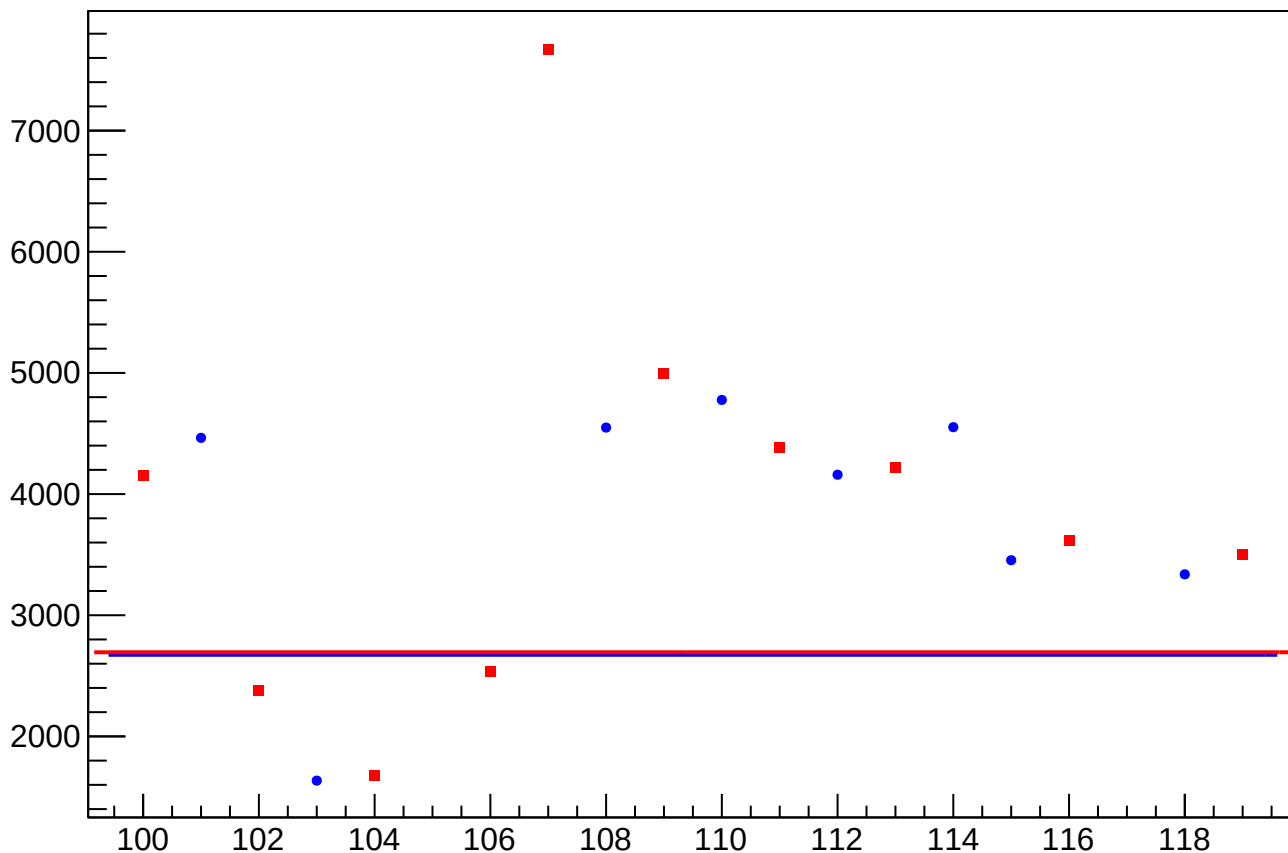
Right: 599.447+/-1110.332 χ^2/NDF : 23.6/17

In: 1614.889+/-1624.488 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.447+/-1110.332 χ^2/NDF : 23.6/17

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 2673.708+/-1.149 χ^2/NDF : 1179982.5/7

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

Right Out: 2694.332+/-1.051 χ^2/NDF : 1190145.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

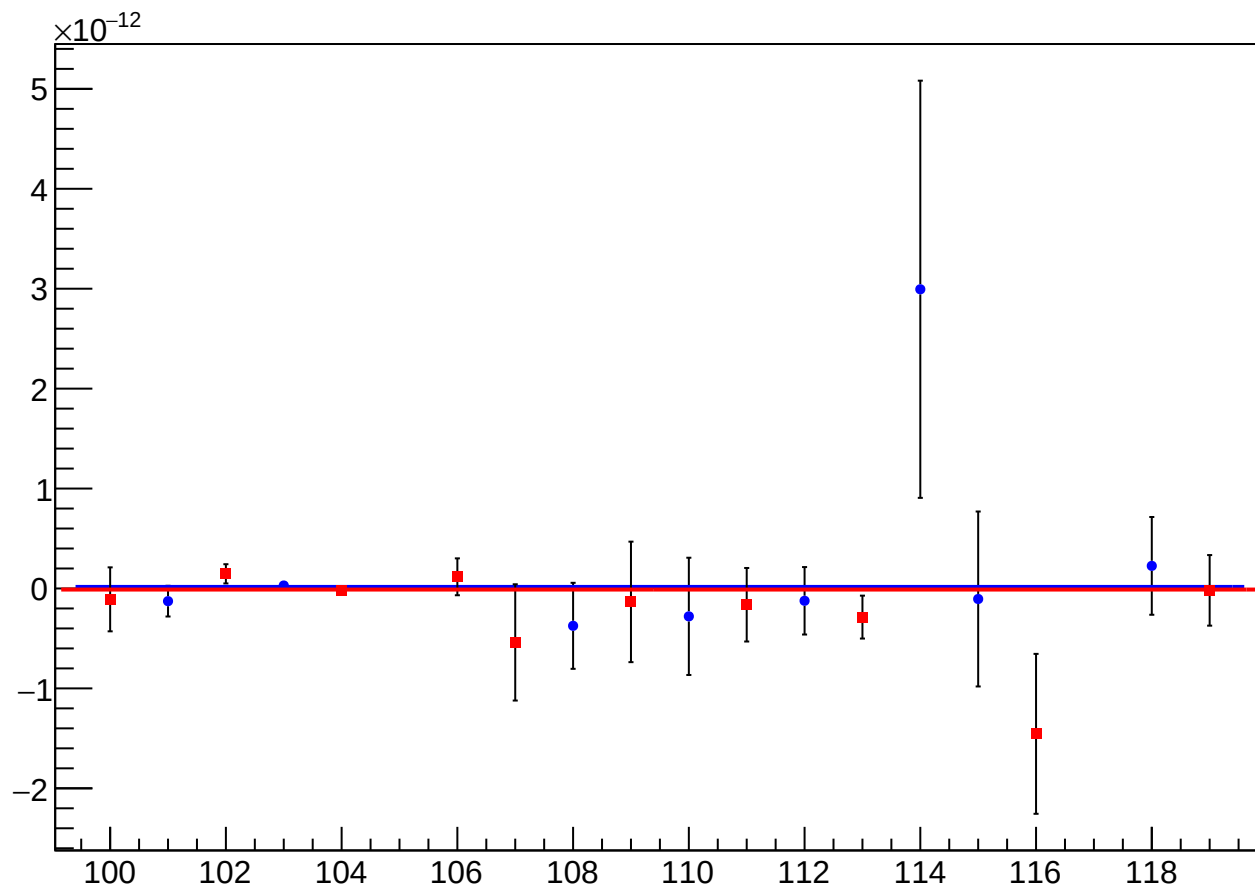
Right: 2684.937+/-0.775 χ^2/NDF : 2370303.3/17

In: 2673.708+/-1.149 χ^2/NDF : 1179982.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2684.937+/-0.775 χ^2/NDF : 2370303.3/17

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

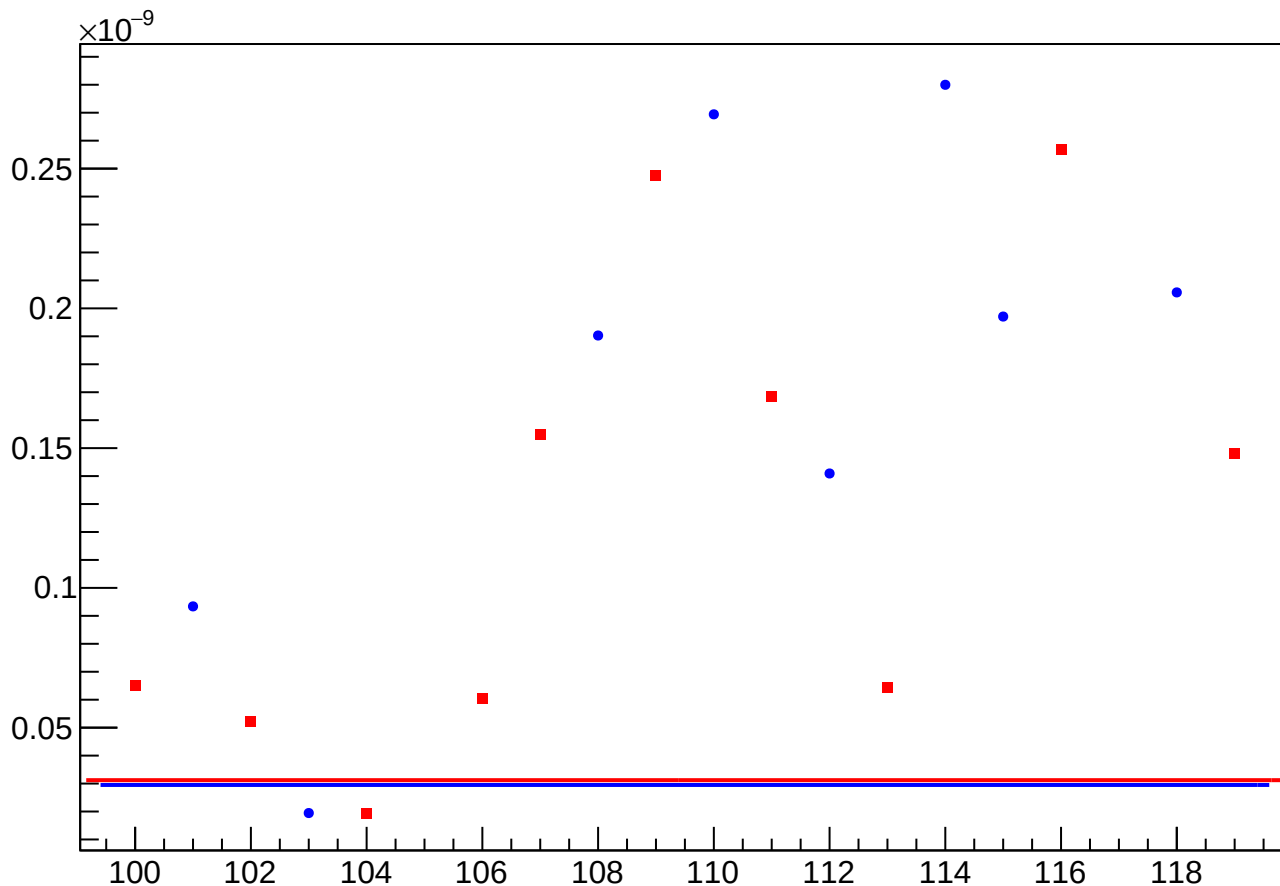
Right: 0.000+/-0.000 χ^2/NDF : 14.0/17

In: 0.000+/-0.000 χ^2/NDF :4.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.0/17

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1663912.7/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1398457.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

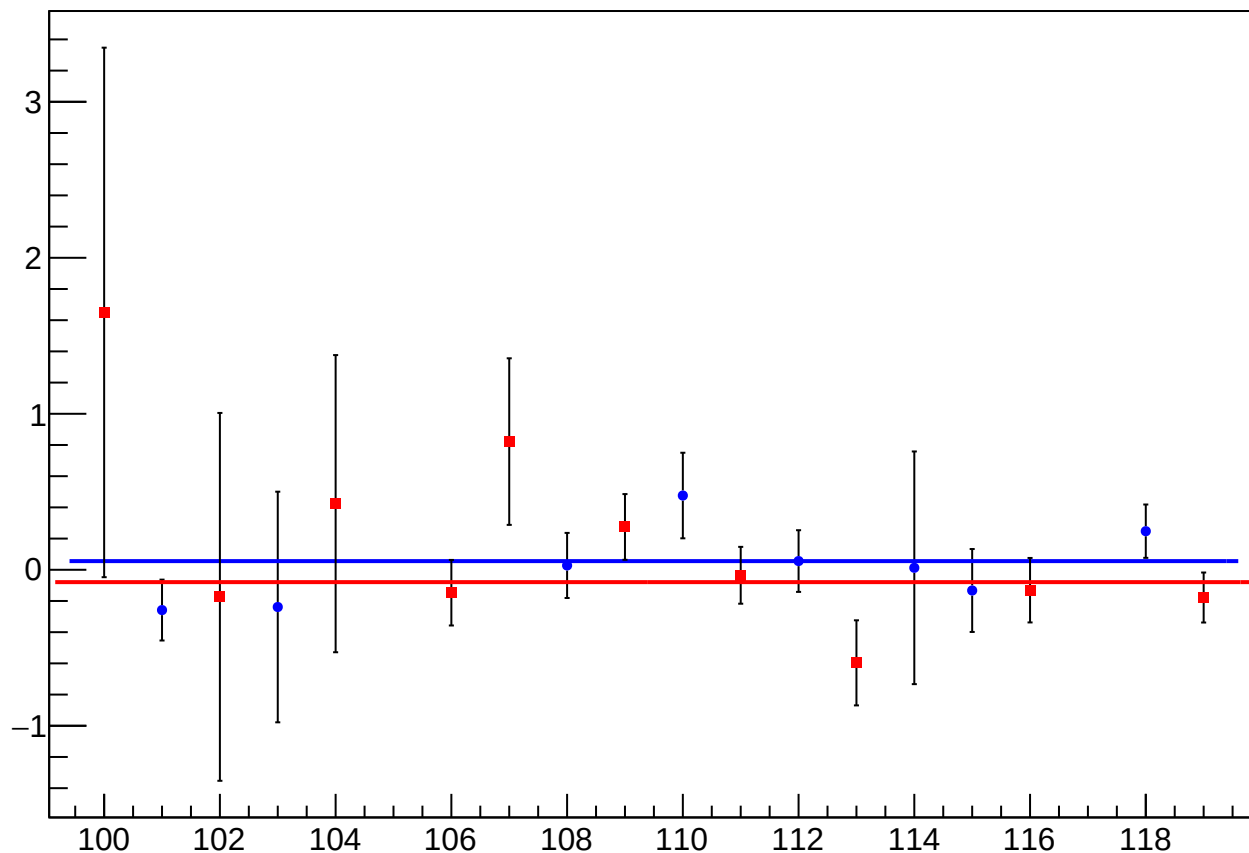
Right: 0.000+/-0.000 χ^2/NDF : 3064546.6/17

In: 0.000+/-0.000 χ^2/NDF : 1663912.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3064546.6/17

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.084 χ^2/NDF : 6.9/7

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

Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

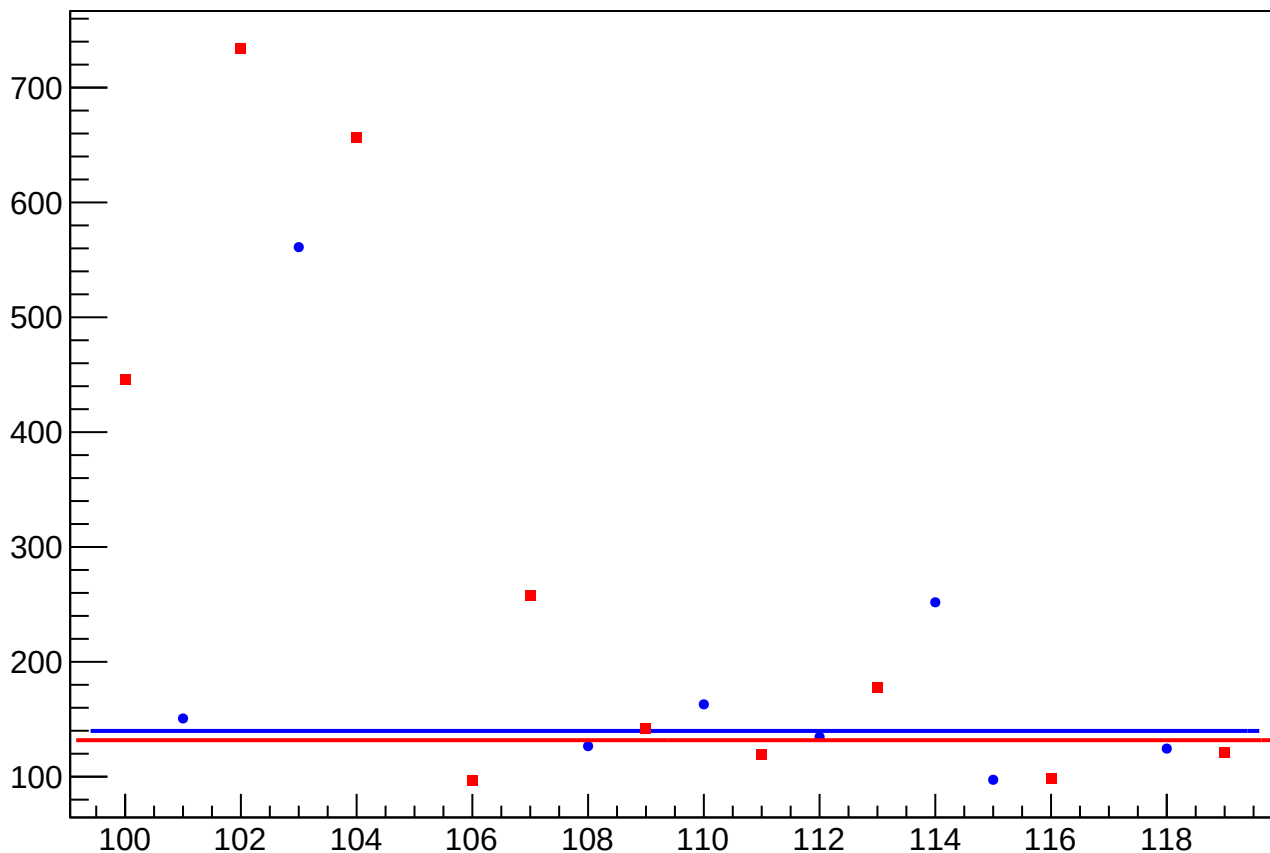
Right: -0.016+/-0.058 χ^2/NDF : 19.4/17

In: 0.056+/-0.084 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.058 χ^2/NDF : 19.4/17

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.841+/-0.060 χ^2/NDF : 791764.2/7

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

Right Out: 131.772+/-0.056 χ^2/NDF : 1497649.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

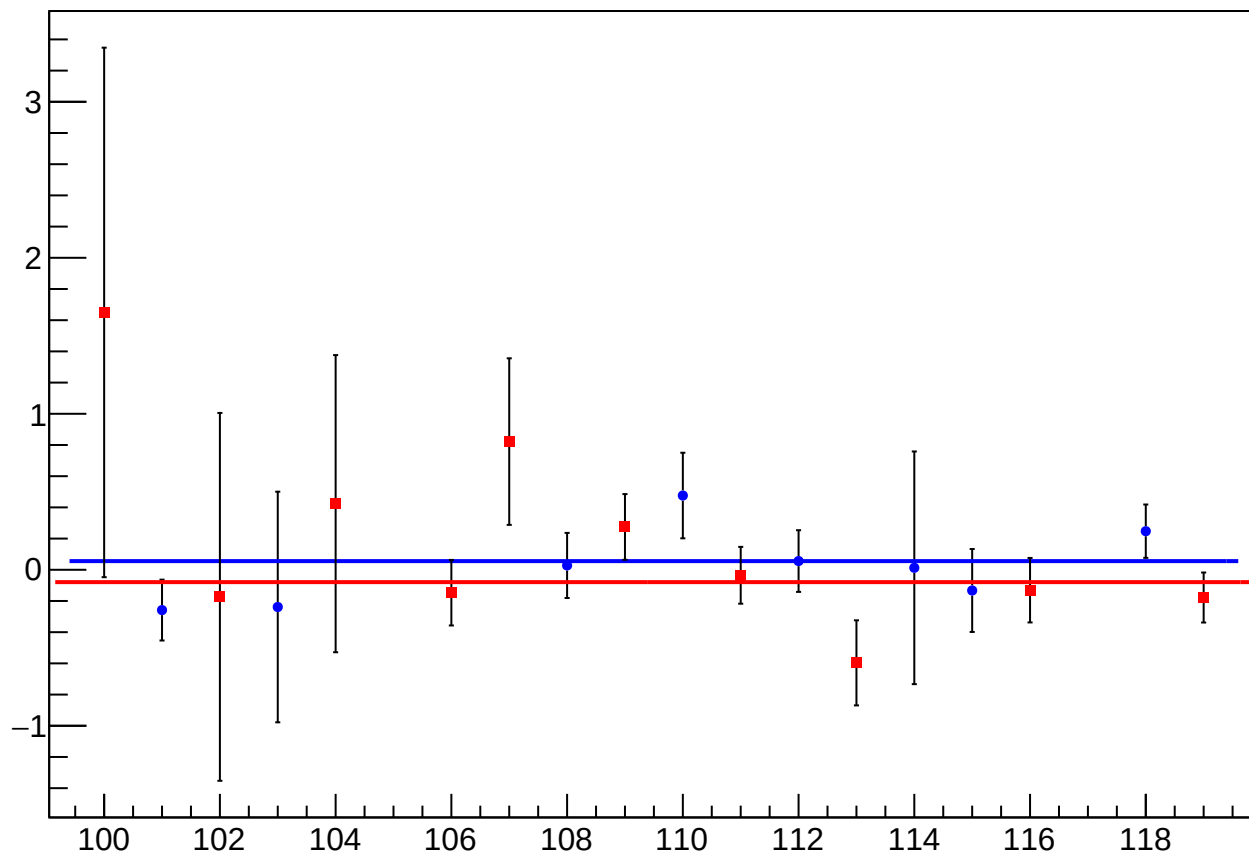
Right: 135.580+/-0.041 χ^2/NDF : 2299046.7/17

In: 139.841+/-0.060 χ^2/NDF : 791764.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.580+/-0.041 χ^2/NDF : 2299046.7/17

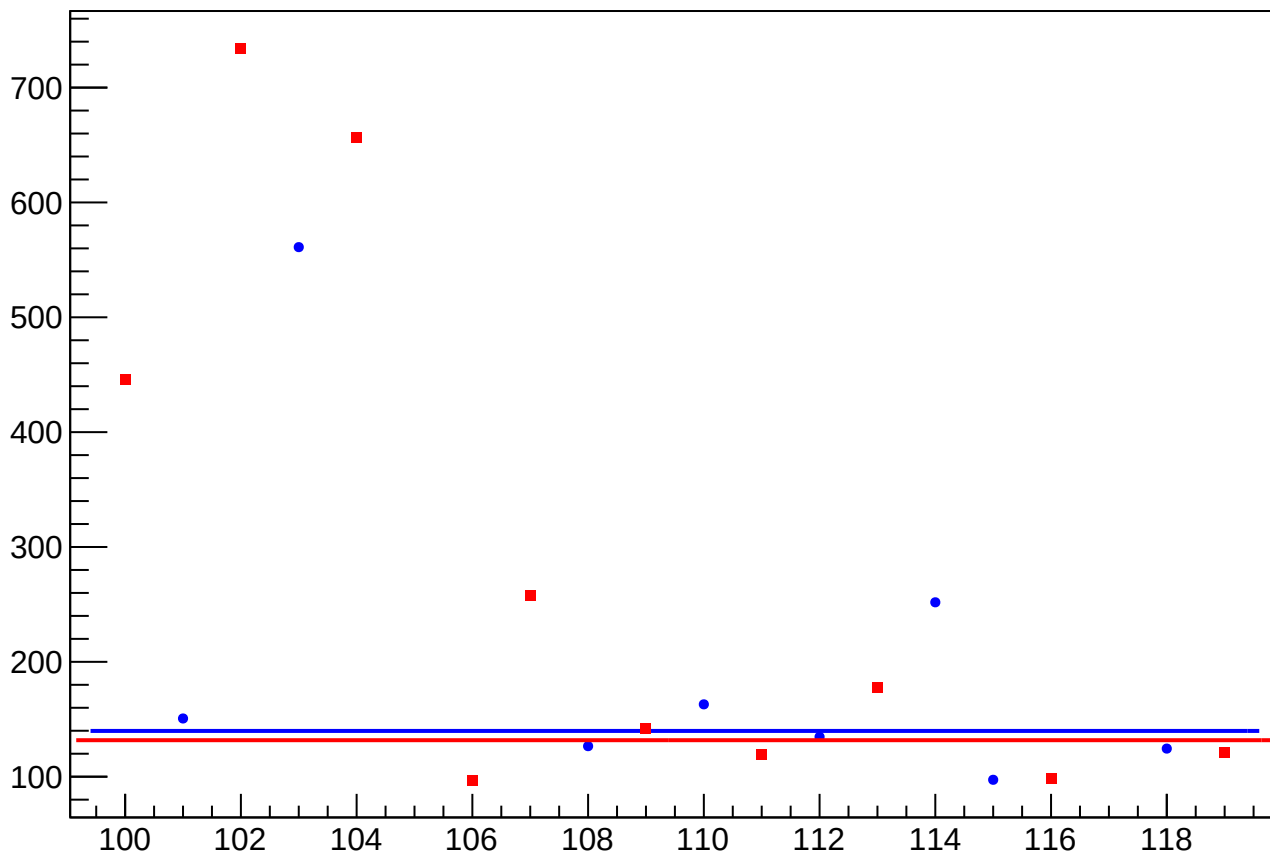
asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.084 χ^2/NDF : 6.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.058 χ^2/NDF : 19.4/17
 In: 0.056+/-0.084 χ^2/NDF : 6.9/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.058 χ^2/NDF : 19.4/17

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.841+/-0.060 χ^2/NDF : 791764.2/7

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

Right Out: 131.772+/-0.056 χ^2/NDF : 1497649.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

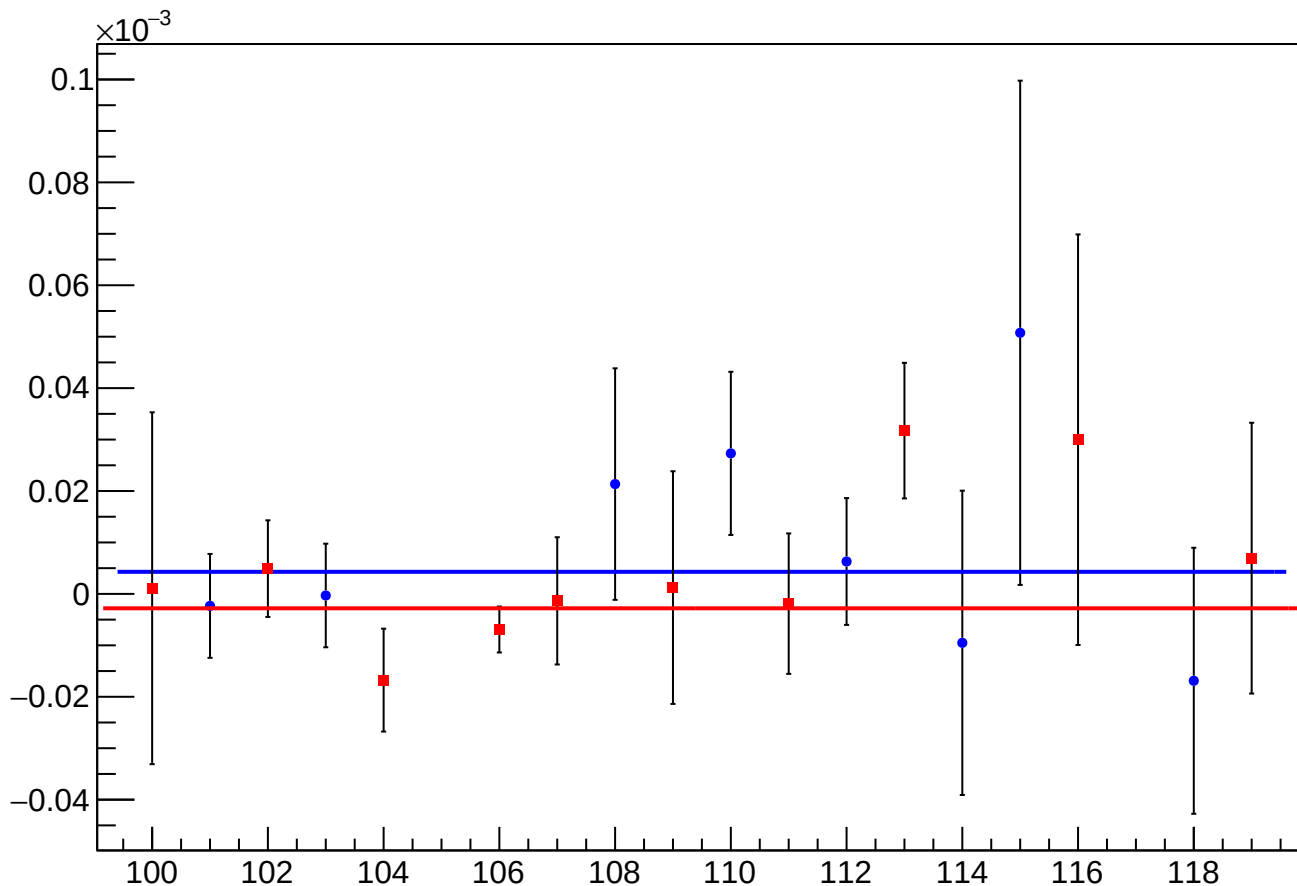
Right: 135.580+/-0.041 χ^2/NDF : 2299046.7/17

In: 139.841+/-0.060 χ^2/NDF : 791764.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.580+/-0.041 χ^2/NDF : 2299046.7/17

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/7

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/9

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

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

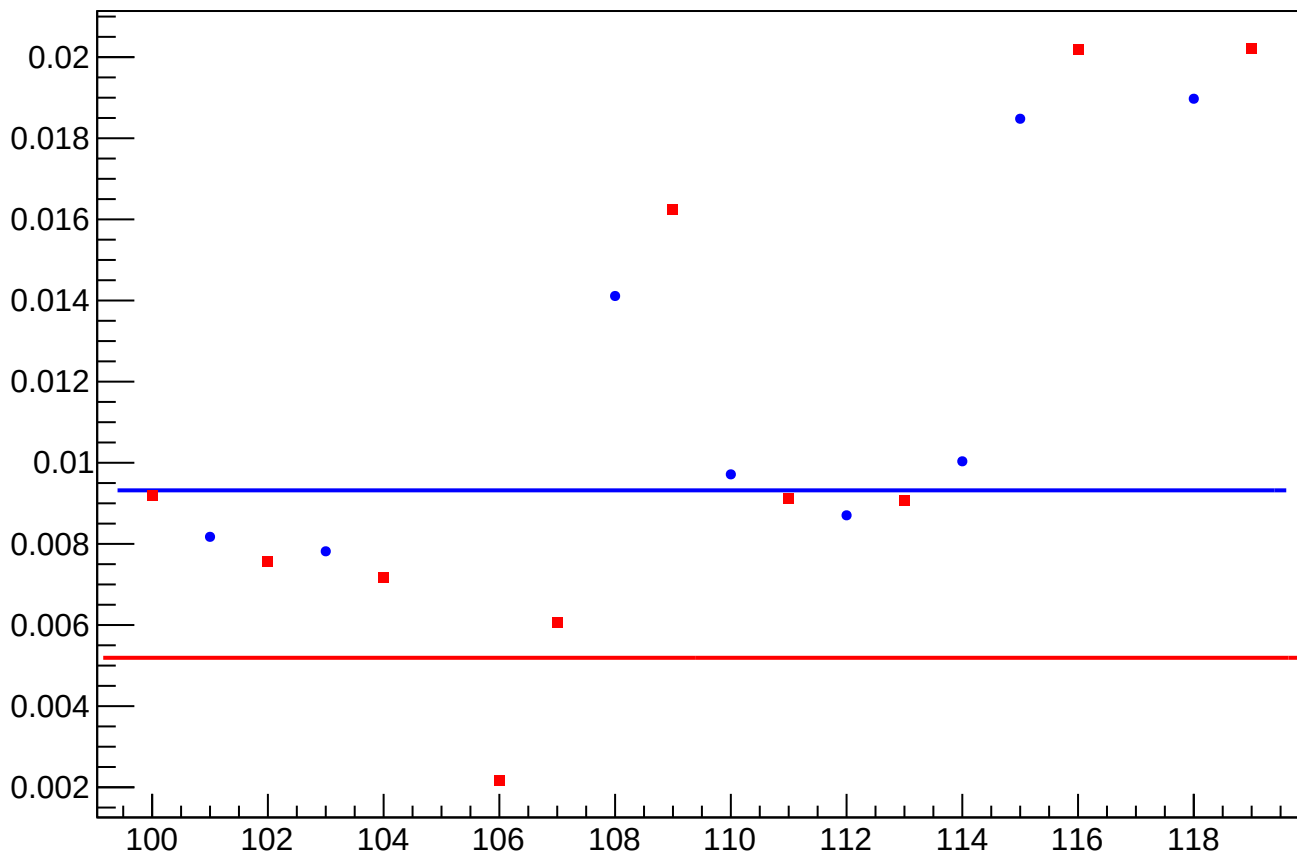
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/17

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 517040.0/7

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

Right Out: 0.005+/-0.000 χ^2/NDF : 2915370.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

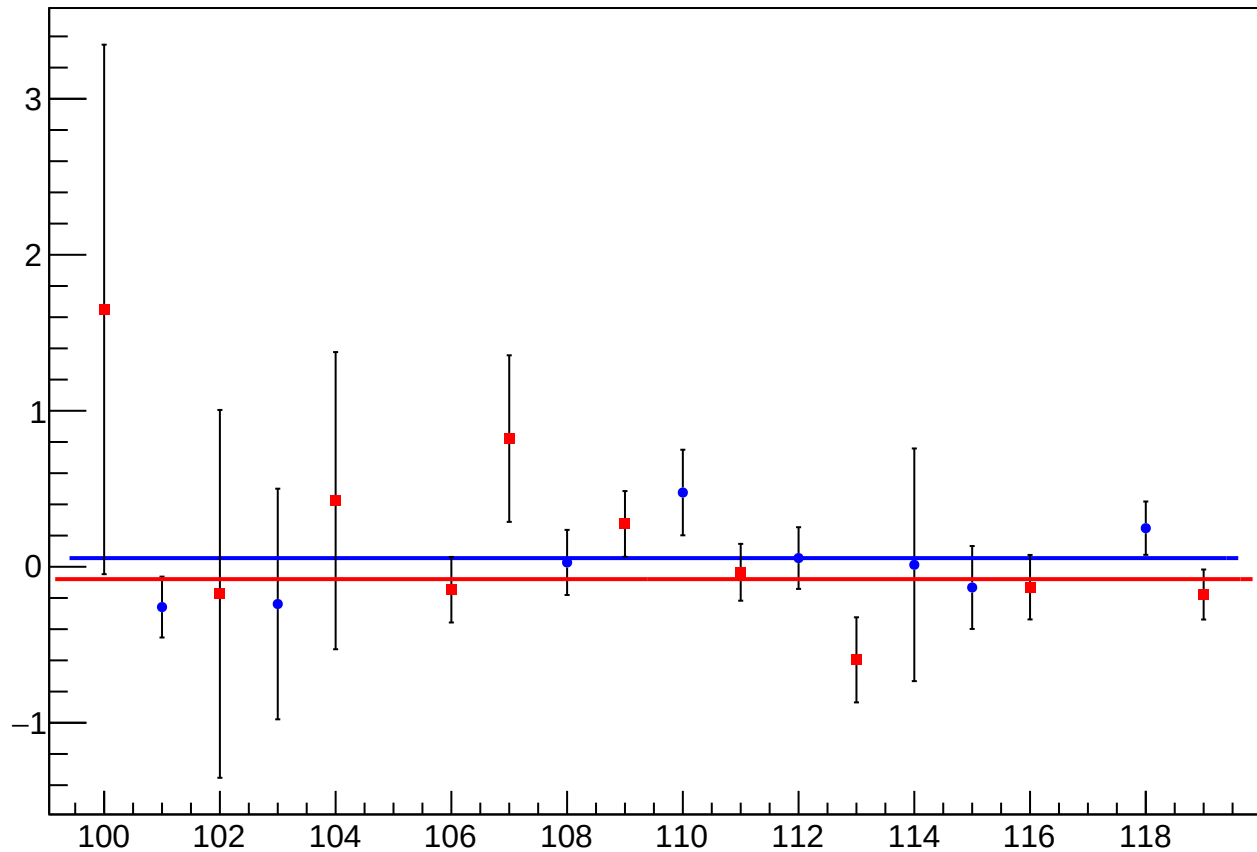
Right: 0.006+/-0.000 χ^2/NDF : 4306361.0/17

In: 0.009+/-0.000 χ^2/NDF :517040.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 4306361.0/17

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056 $\pm$ 0.084 χ^2/NDF : 6.9/7

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

Right Out: -0.079 $\pm$ 0.080 χ^2/NDF : 11.2/9

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

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

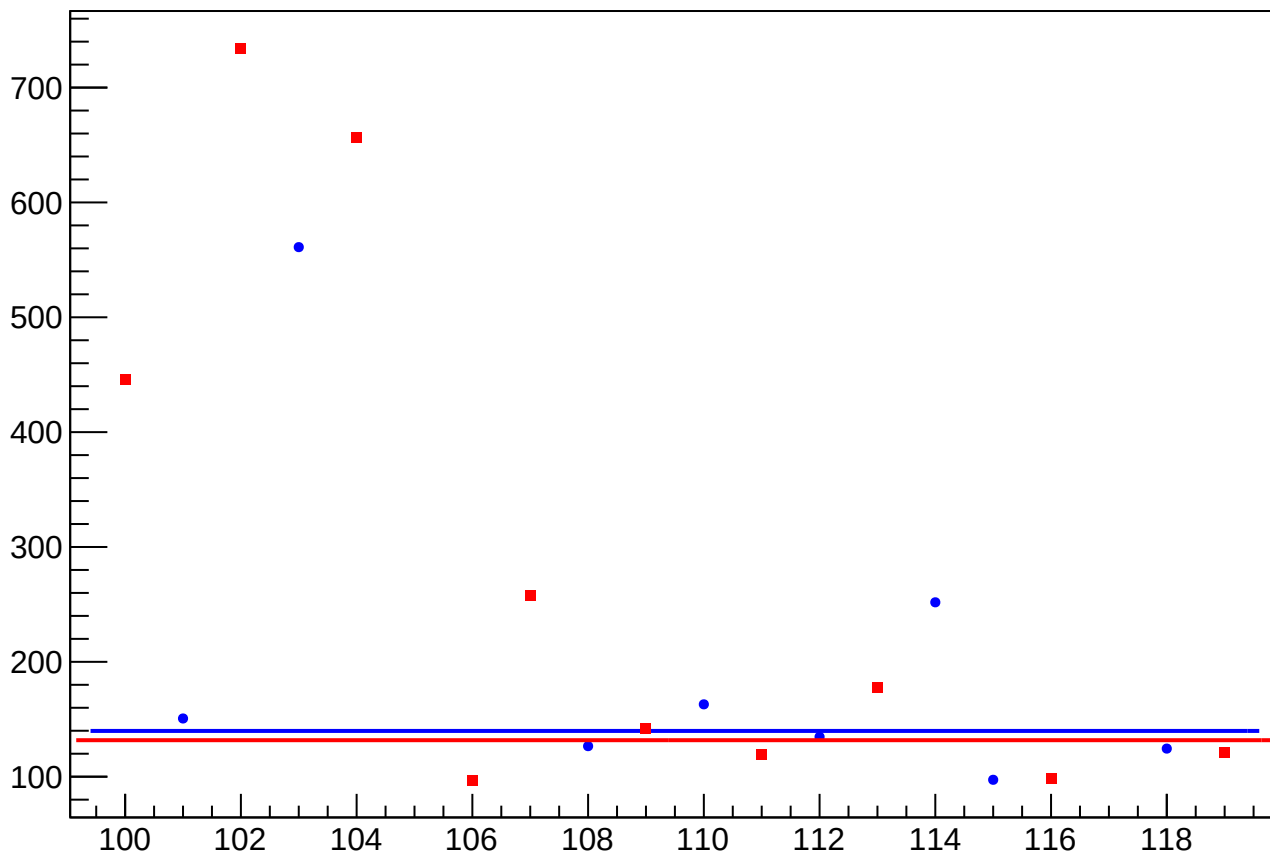
Right: -0.016 $\pm$ 0.058 χ^2/NDF : 19.4/17

In: 0.056 $\pm$ 0.084 χ^2/NDF : 6.9/7

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

All: -0.016 $\pm$ 0.058 χ^2/NDF : 19.4/17

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.840+/-0.060 χ^2/NDF : 791763.7/7

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

Right Out: 131.774+/-0.056 χ^2/NDF : 1497610.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

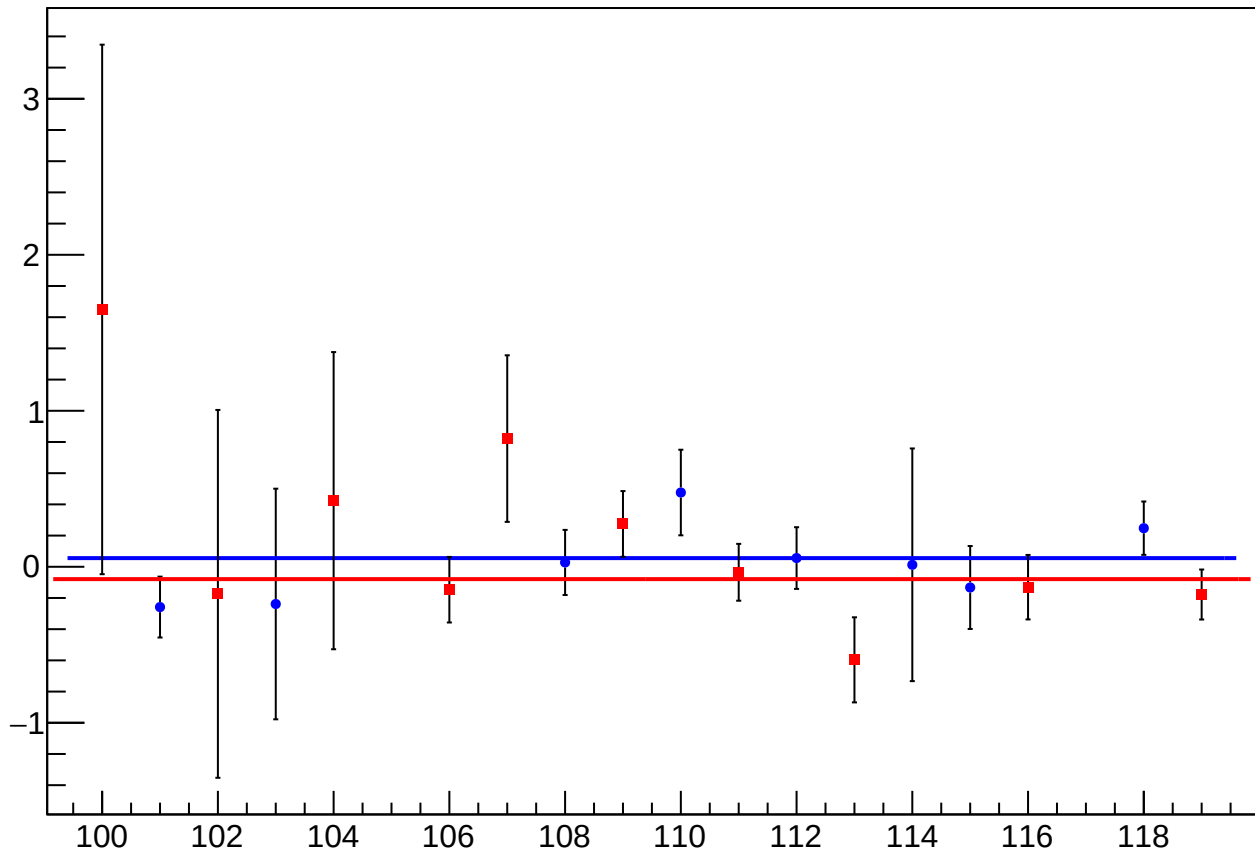
Right: 135.581+/-0.041 χ^2/NDF : 2299003.1/17

In: 139.840+/-0.060 χ^2/NDF : 791763.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.581+/-0.041 χ^2/NDF : 2299003.1/17

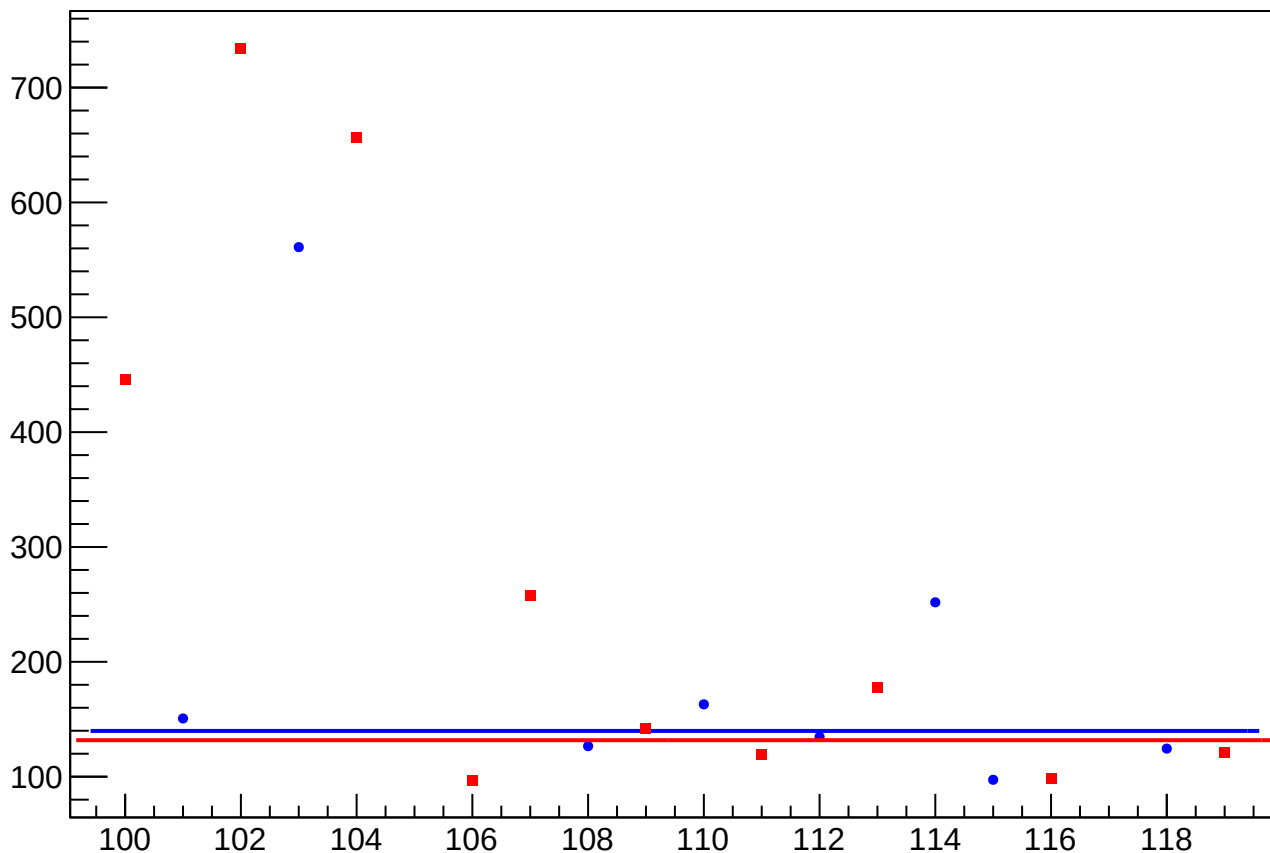
asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.084 χ^2/NDF : 6.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.079+/-0.080 χ^2/NDF : 11.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.016+/-0.058 χ^2/NDF : 19.4/17
 In: 0.056+/-0.084 χ^2/NDF : 6.9/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.016+/-0.058 χ^2/NDF : 19.4/17

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 139.840+/-0.060 χ^2/NDF : 791763.7/7

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

Right Out: 131.774+/-0.056 χ^2/NDF : 1497610.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

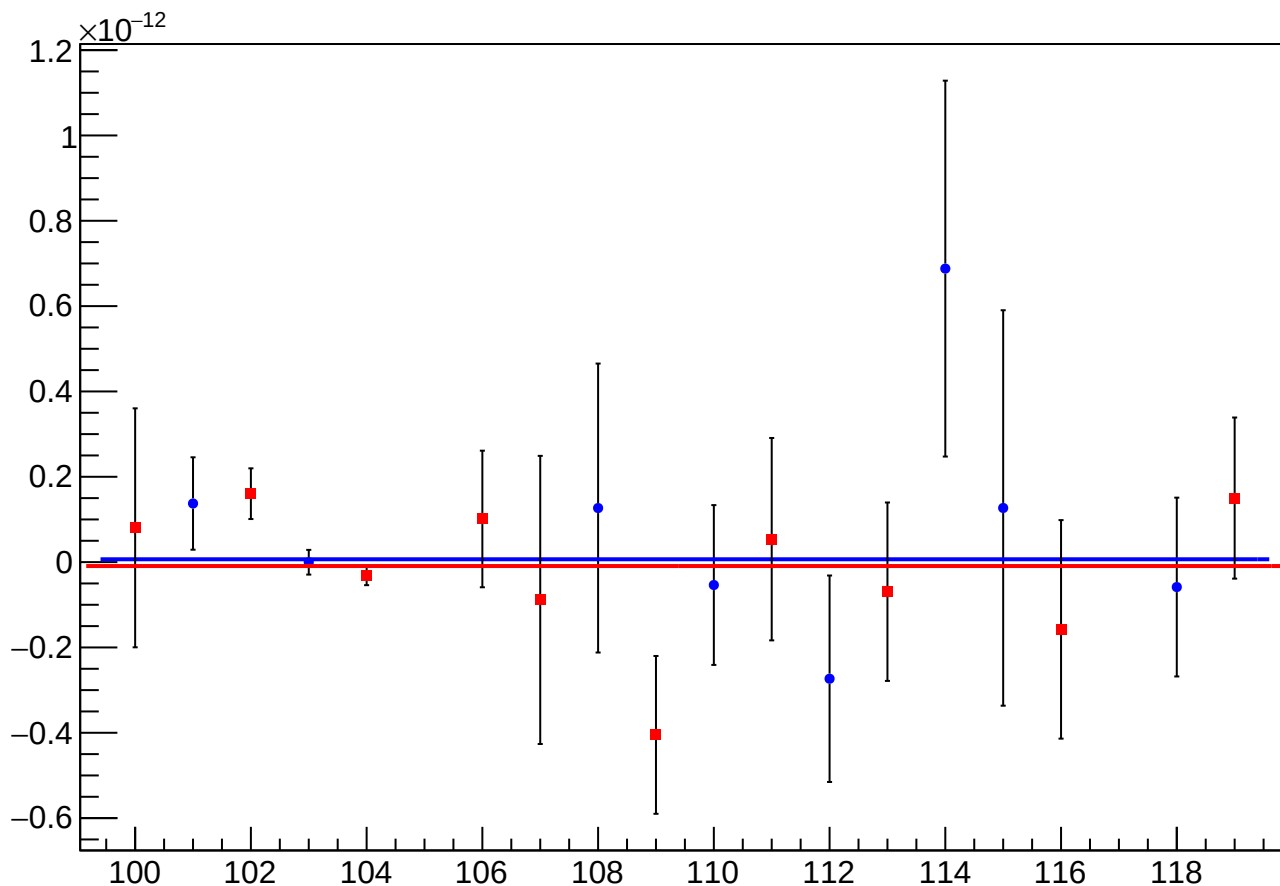
Right: 135.581+/-0.041 χ^2/NDF : 2299003.1/17

In: 139.840+/-0.060 χ^2/NDF : 791763.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.581+/-0.041 χ^2/NDF : 2299003.1/17

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 15.5/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

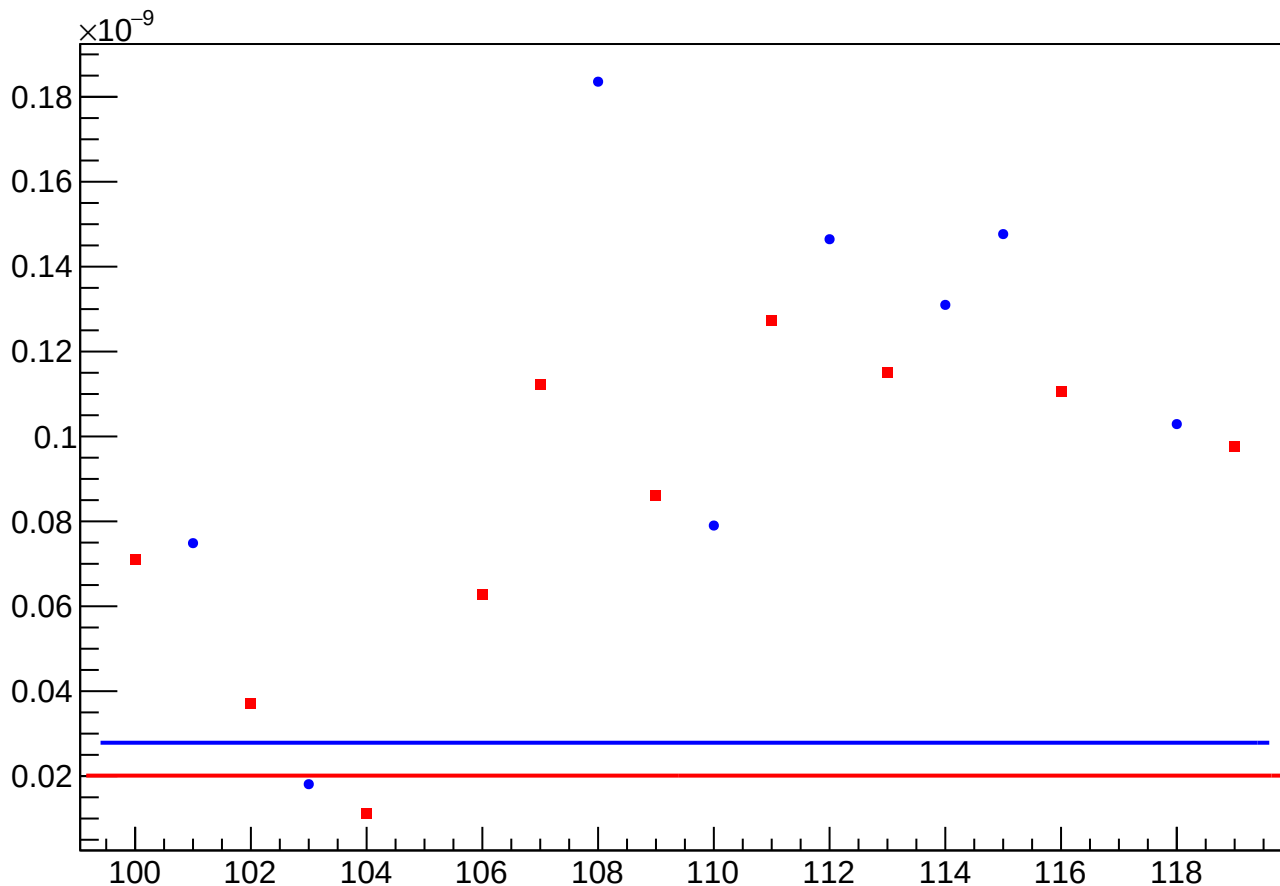
Right: -0.000+/-0.000 χ^2/NDF : 21.4/17

In: 0.000+/-0.000 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/17

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2157372.3/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2496364.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

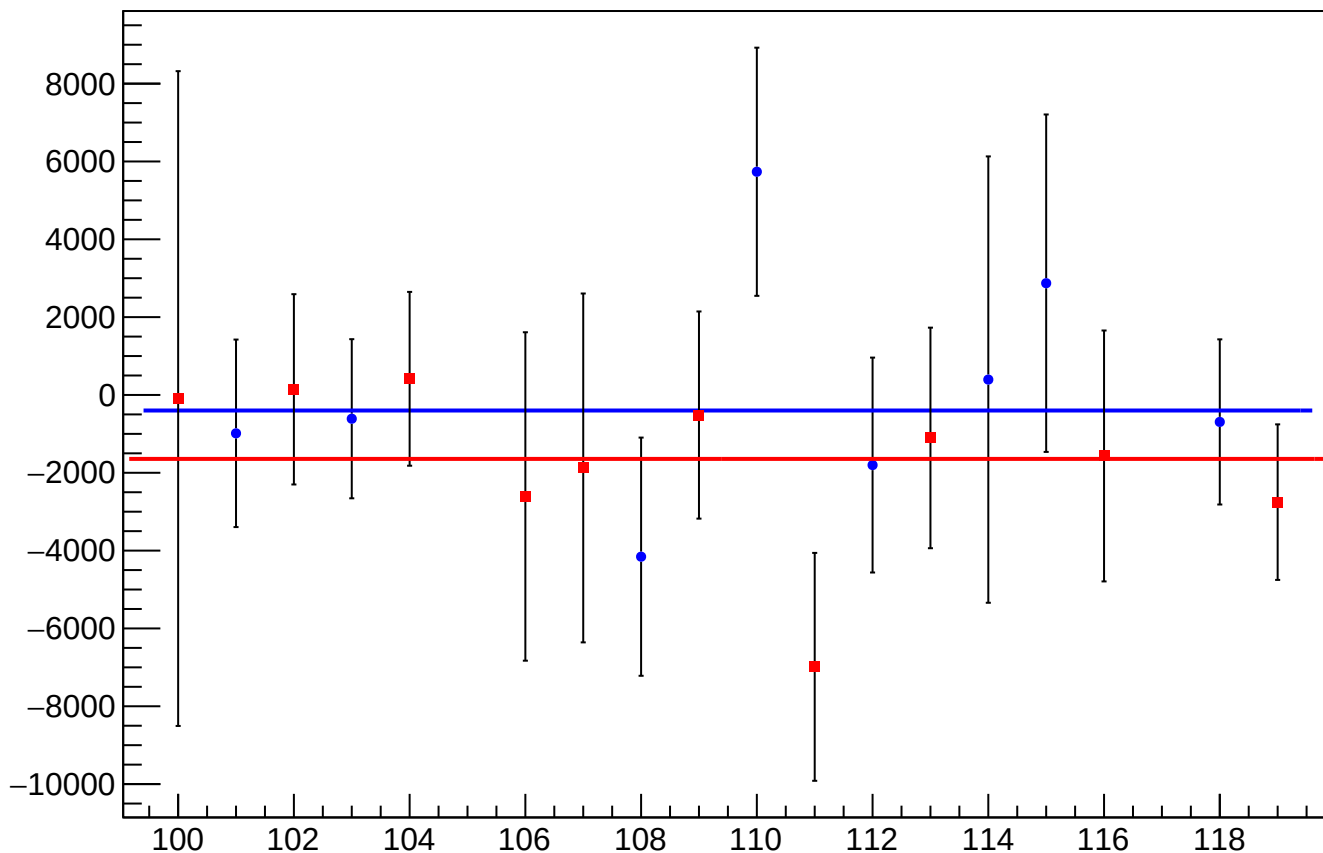
Right: 0.000+/-0.000 χ^2/NDF : 4758249.1/17

In: 0.000+/-0.000 χ^2/NDF : 2157372.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4758249.1/17

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -399.643+/-974.339 χ^2/NDF : 6.1/7

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

Right Out: -1643.368+/-906.636 χ^2/NDF : 5.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

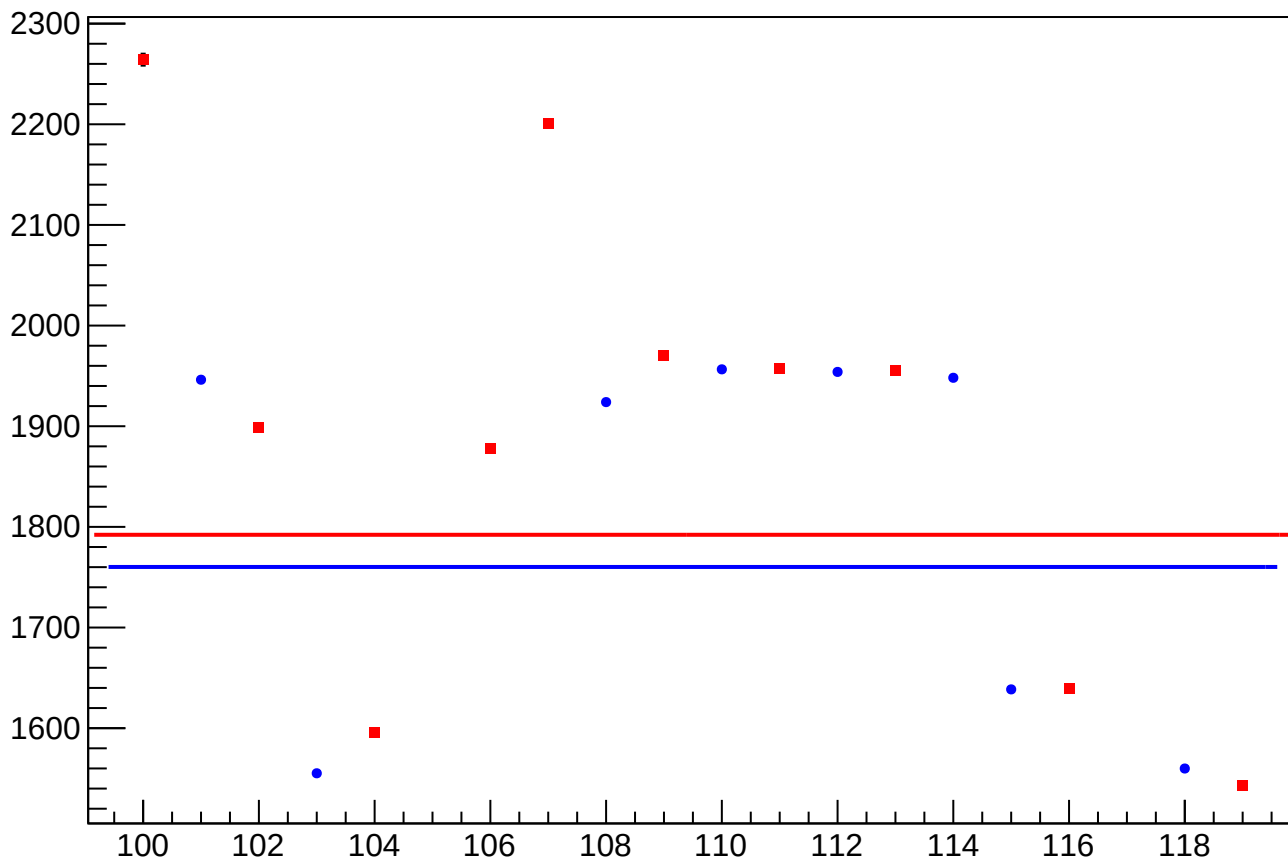
Right: -1066.214+/-663.734 χ^2/NDF : 12.3/17

In: -399.643+/-974.339 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1066.214+/-663.734 χ^2/NDF : 12.3/17

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1760.183+/-0.689 χ^2/NDF : 76717.4/7

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

Right Out: 1792.143+/-0.635 χ^2/NDF : 100847.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

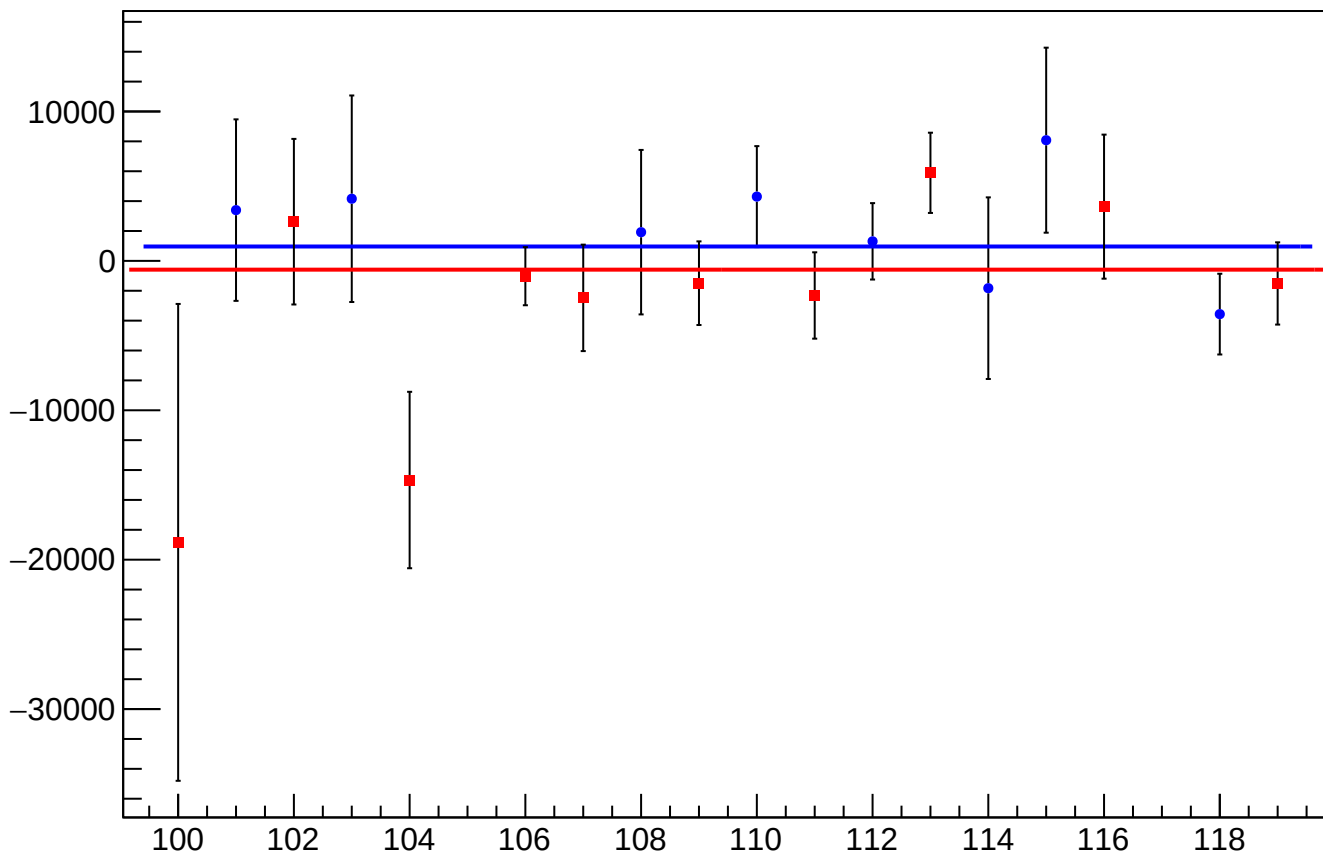
Right: 1777.461+/-0.467 χ^2/NDF : 178728.6/17

In: 1760.183+/-0.689 χ^2/NDF : 76717.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1777.461+/-0.467 χ^2/NDF : 178728.6/17

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 962.701+/-1398.015 χ^2/NDF : 5.7/7

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

Right Out: -587.362+/-1015.701 χ^2/NDF : 14.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

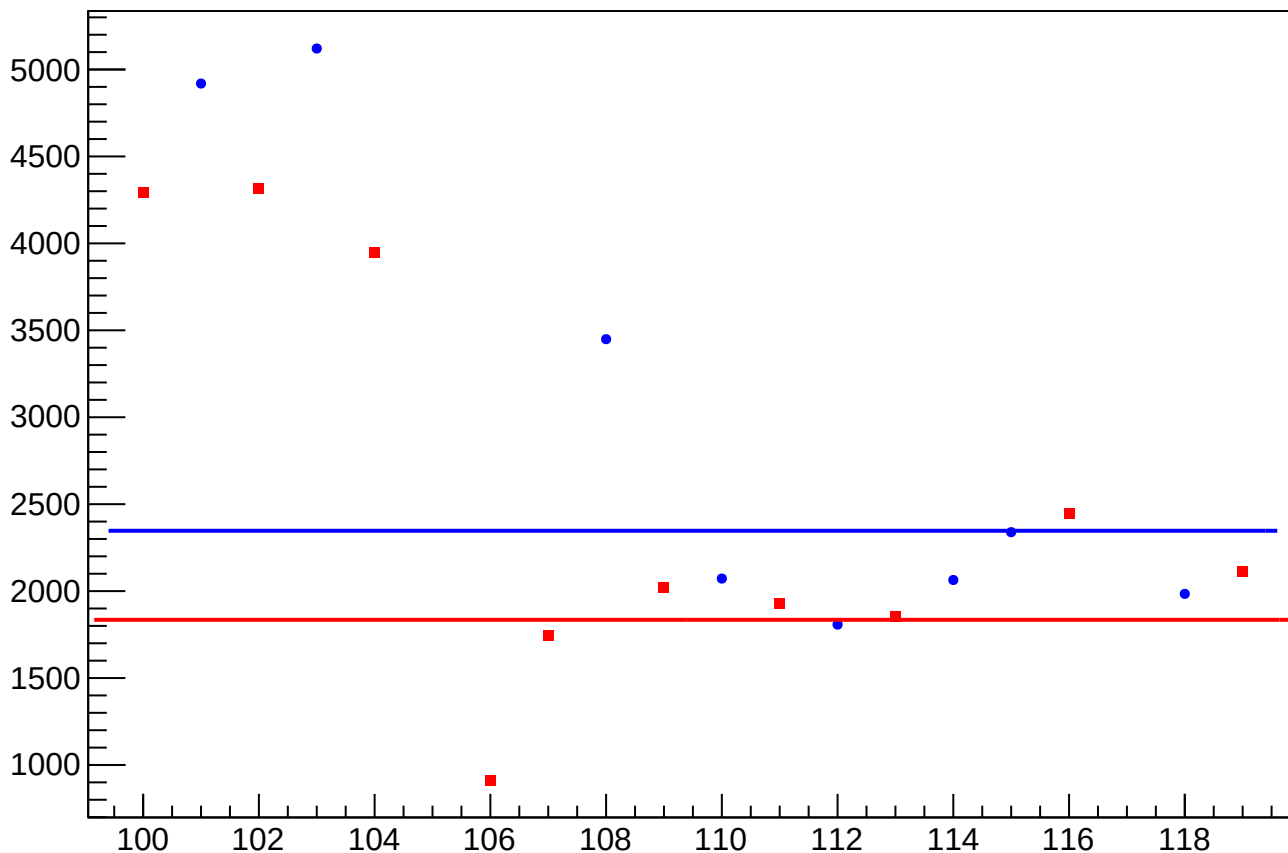
Right: -51.840+/-821.724 χ^2/NDF : 21.4/17

In: 962.701+/-1398.015 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.840+/-821.724 χ^2/NDF : 21.4/17

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2347.002+/-0.989 χ^2/NDF : 903520.2/7

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

Right Out: 1835.011+/-0.718 χ^2/NDF : 1220206.1/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

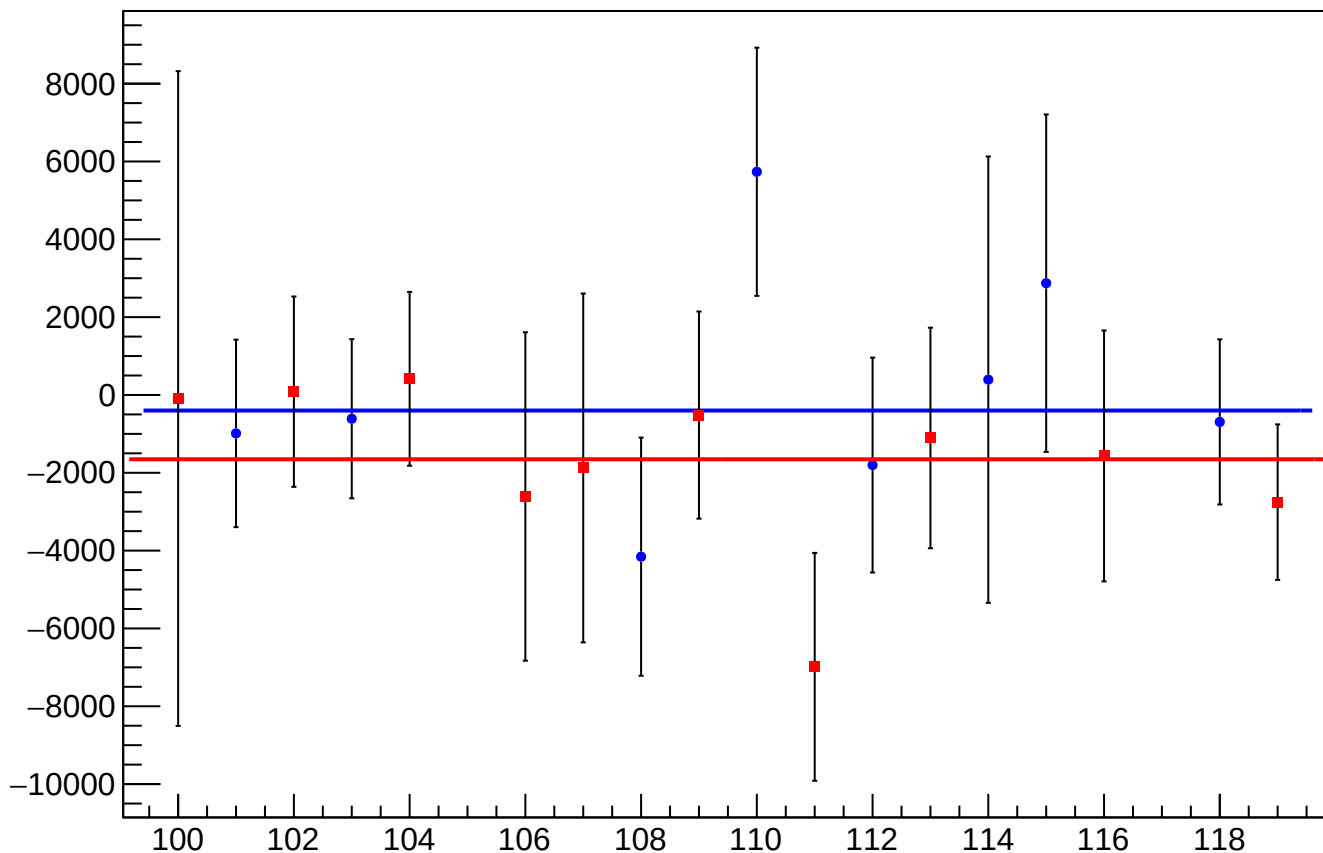
Right: 2011.896+/-0.581 χ^2/NDF : 2299296.0/17

In: 2347.002+/-0.989 χ^2/NDF : 903520.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2011.896+/-0.581 χ^2/NDF : 2299296.0/17

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -399.830+/-974.339 χ^2/NDF : 6.1/7

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

Right Out: -1652.112+/-906.654 χ^2/NDF : 5.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

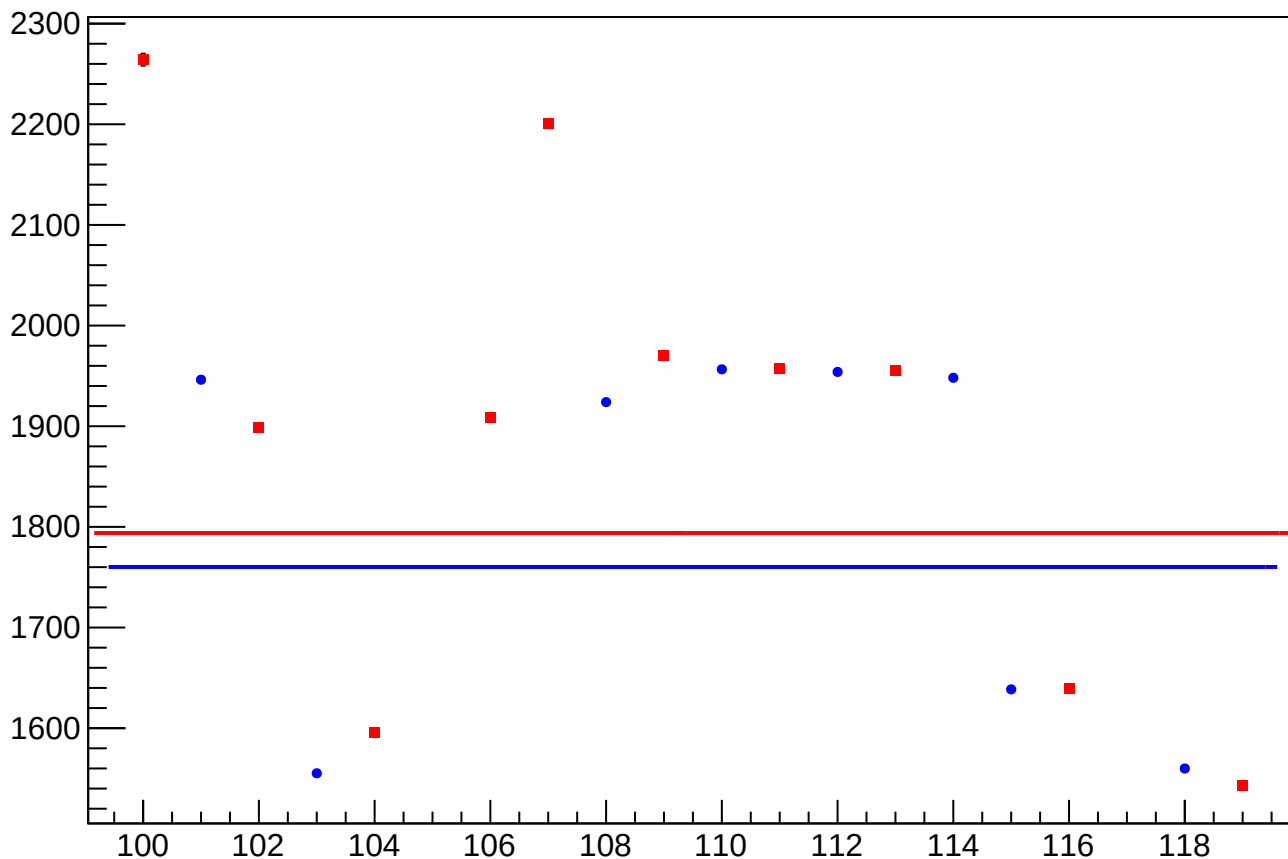
Right: -1070.975+/-663.741 χ^2/NDF : 12.3/17

In: -399.830+/-974.339 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.975+/-663.741 χ^2/NDF : 12.3/17

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1760.182+/-0.689 χ^2/NDF : 76717.6/7

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

Right Out: 1793.943+/-0.636 χ^2/NDF : 101786.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

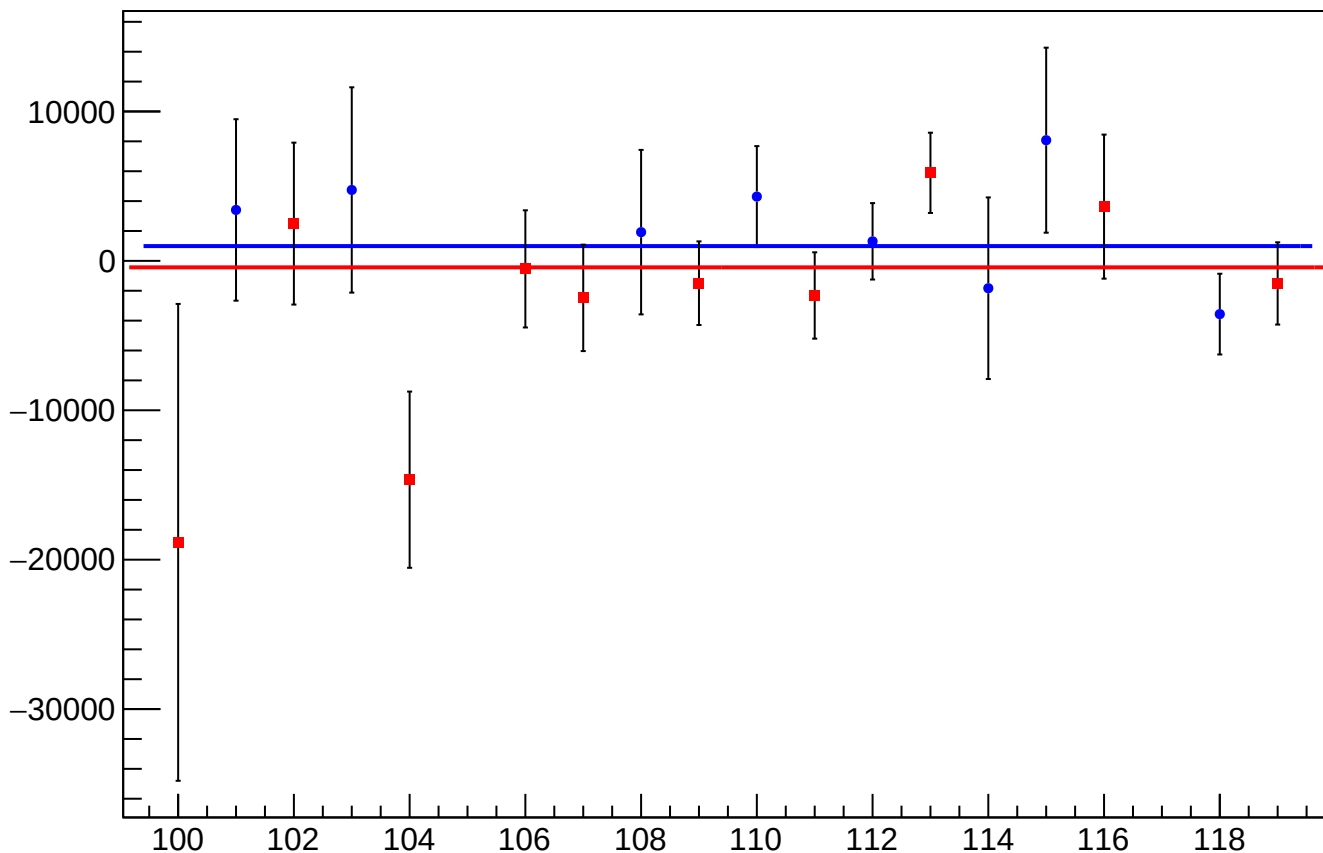
Right: 1778.417+/-0.467 χ^2/NDF : 179801.4/17

In: 1760.182+/-0.689 χ^2/NDF : 76717.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.417+/-0.467 χ^2/NDF : 179801.4/17

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 988.894+/-1397.650 χ^2/NDF : 5.8/7

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

Right Out: -433.339+/-1138.450 χ^2/NDF : 14.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

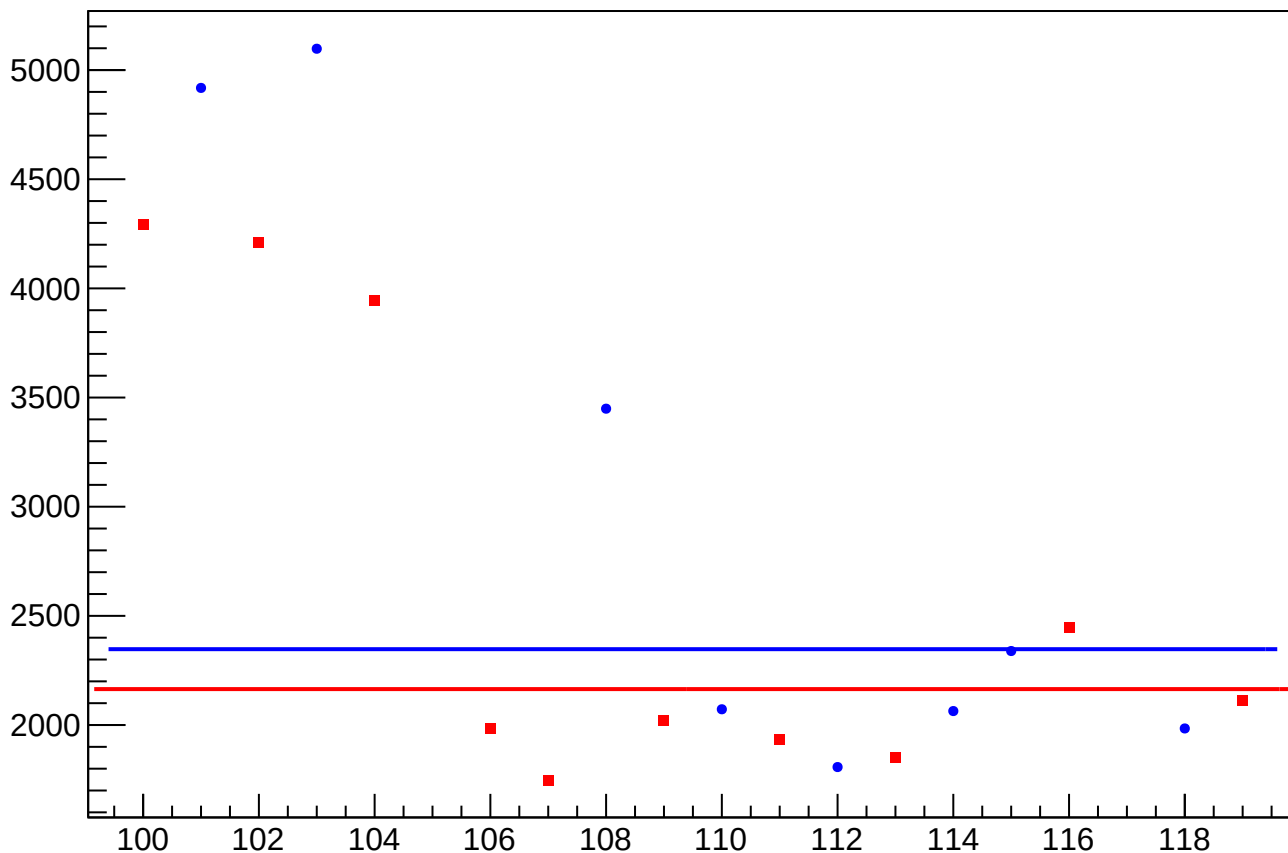
Right: 133.922+/-882.682 χ^2/NDF : 21.2/17

In: 988.894+/-1397.650 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.922+/-882.682 χ^2/NDF : 21.2/17

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2347.395+/-0.988 χ^2/NDF : 901890.7/7

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

Right Out: 2164.536+/-0.805 χ^2/NDF : 586779.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

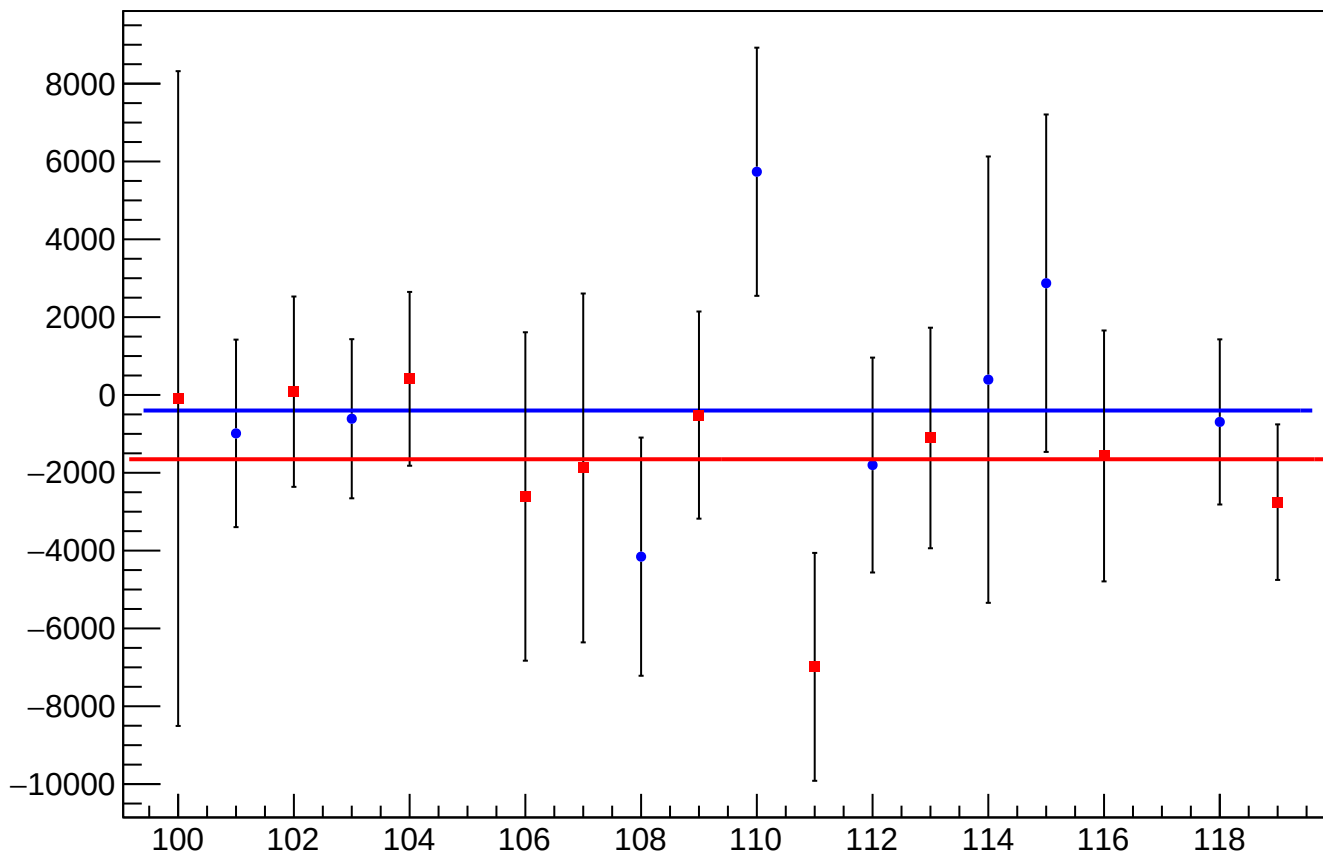
Right: 2237.470+/-0.624 χ^2/NDF : 1509249.7/17

In: 2347.395+/-0.988 χ^2/NDF : 901890.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2237.470+/-0.624 χ^2/NDF : 1509249.7/17

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -399.830+/-974.339 χ^2/NDF : 6.1/7

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

Right Out: -1652.112+/-906.654 χ^2/NDF : 5.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

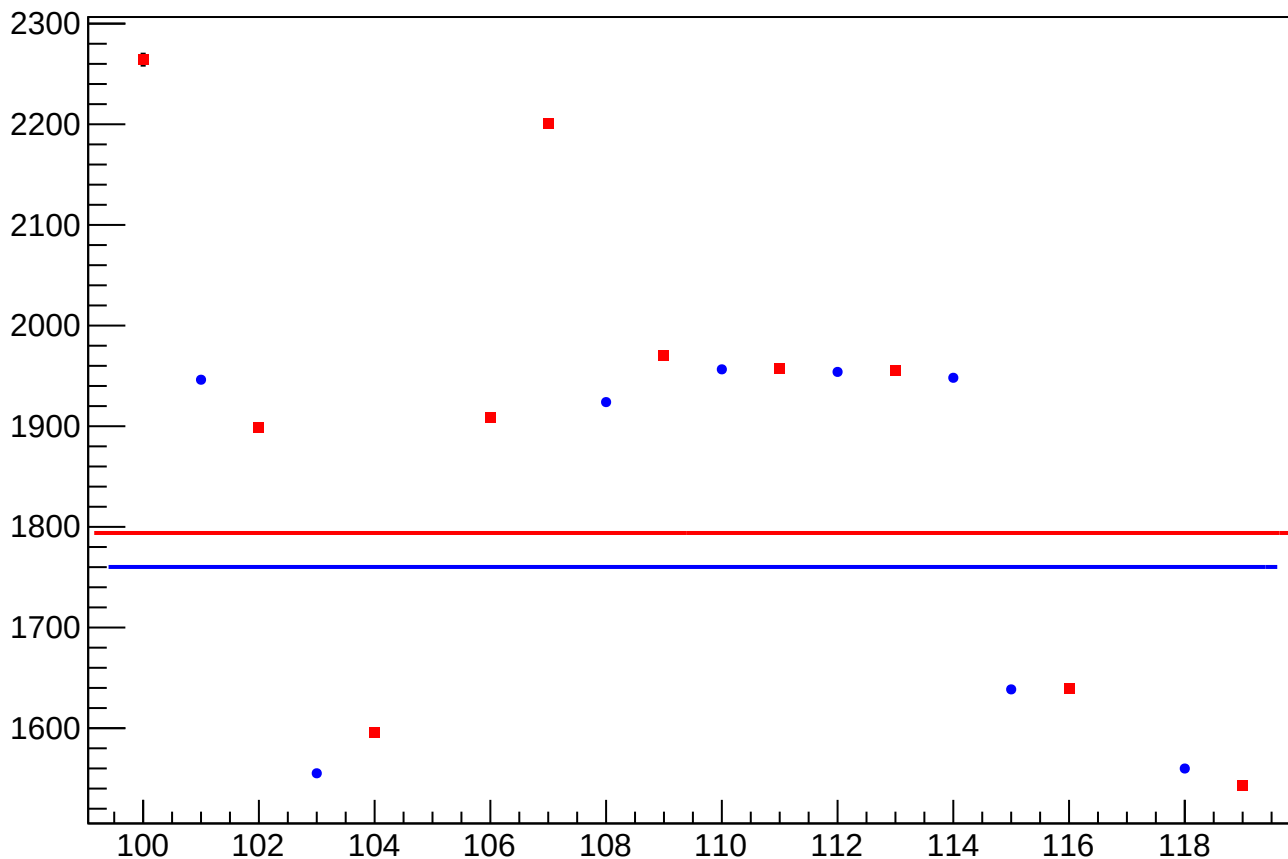
Right: -1070.975+/-663.741 χ^2/NDF : 12.3/17

In: -399.830+/-974.339 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1070.975+/-663.741 χ^2/NDF : 12.3/17

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1760.182+/-0.689 χ^2/NDF : 76717.6/7

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

Right Out: 1793.943+/-0.636 χ^2/NDF : 101786.9/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

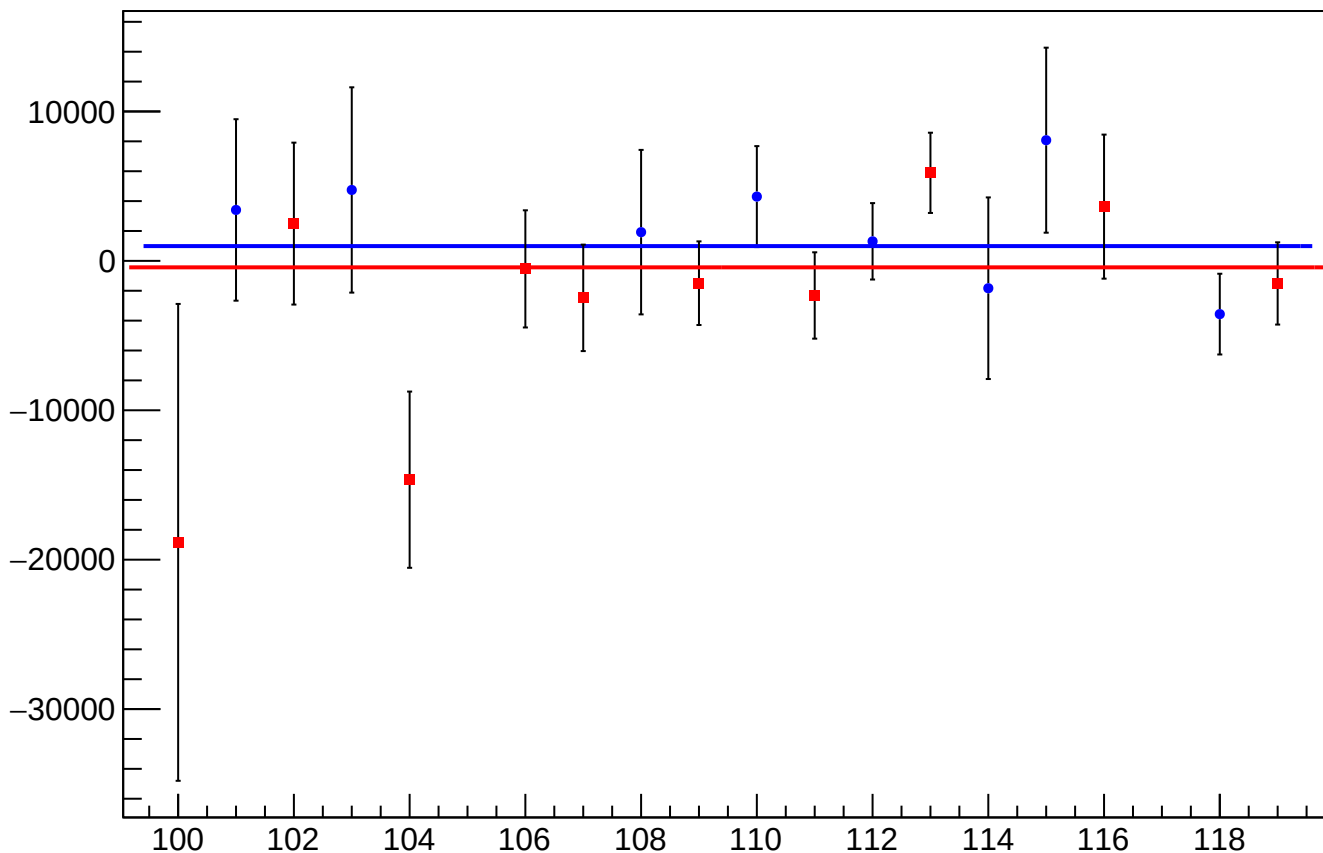
Right: 1778.417+/-0.467 χ^2/NDF : 179801.4/17

In: 1760.182+/-0.689 χ^2/NDF : 76717.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1778.417+/-0.467 χ^2/NDF : 179801.4/17

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 988.894+/-1397.650 χ^2/NDF : 5.8/7

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

Right Out: -433.339+/-1138.450 χ^2/NDF : 14.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

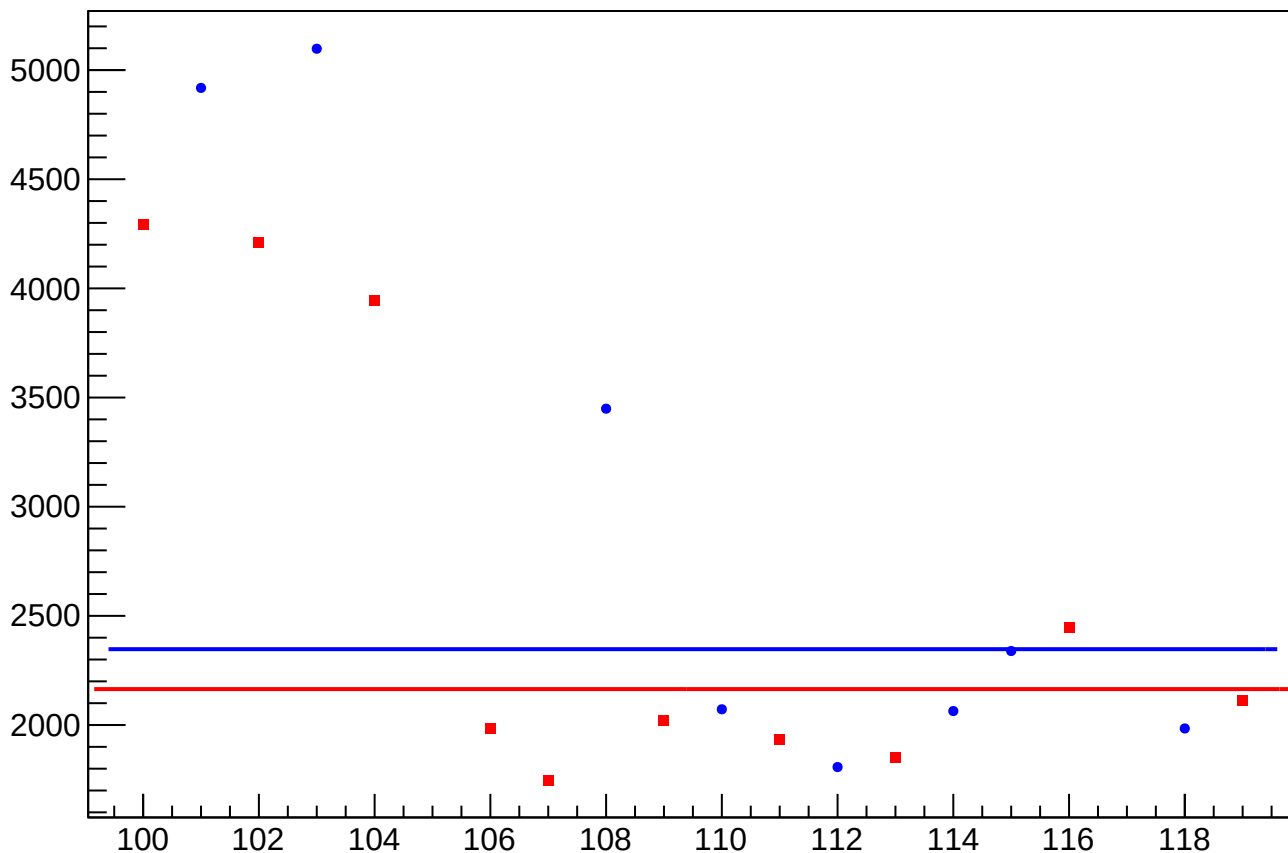
Right: 133.922+/-882.682 χ^2/NDF : 21.2/17

In: 988.894+/-1397.650 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.922+/-882.682 χ^2/NDF : 21.2/17

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2347.395+/-0.988 χ^2/NDF : 901890.7/7

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

Right Out: 2164.536+/-0.805 χ^2/NDF : 586779.0/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

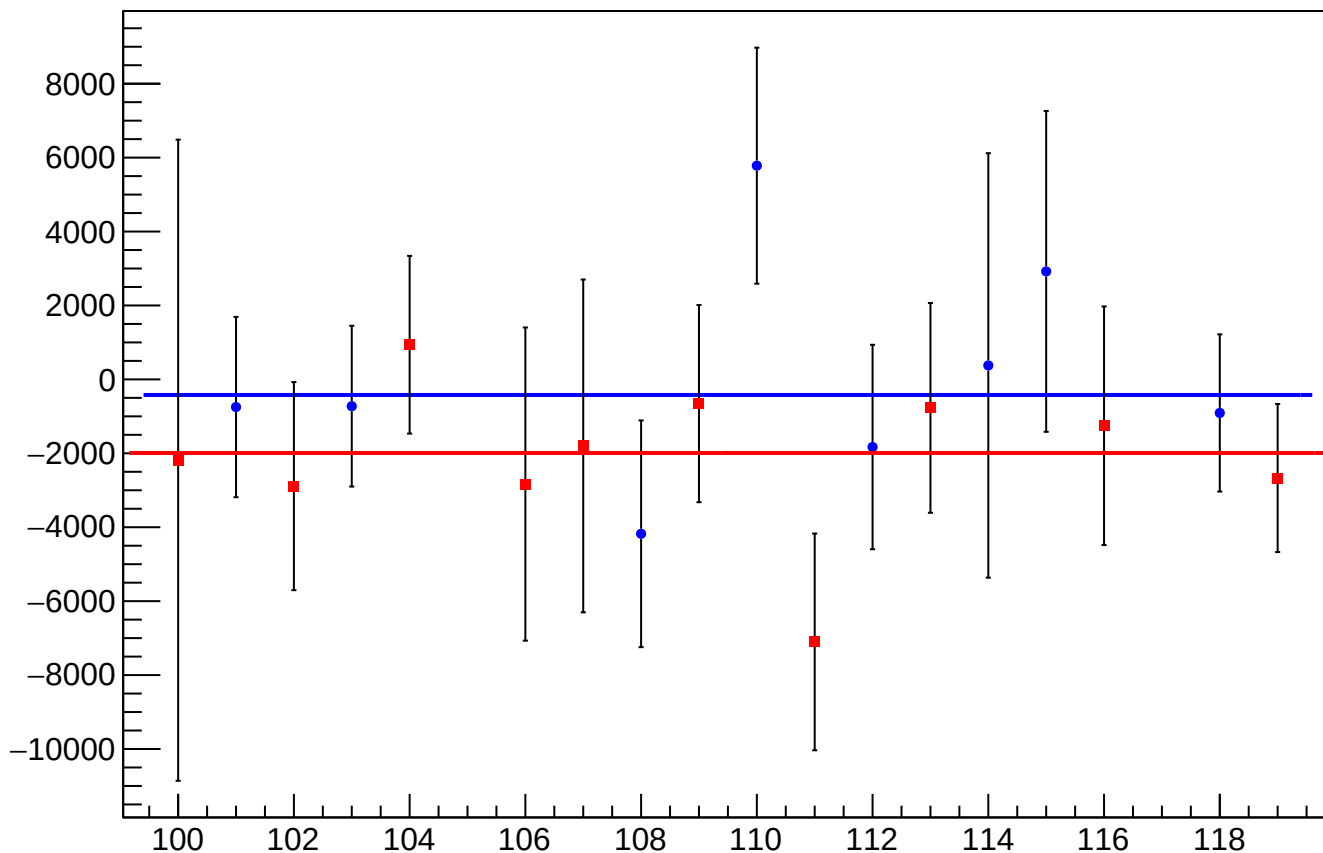
Right: 2237.470+/-0.624 χ^2/NDF : 1509249.7/17

In: 2347.395+/-0.988 χ^2/NDF : 901890.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2237.470+/-0.624 χ^2/NDF : 1509249.7/17

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -421.405+/-990.644 χ^2/NDF : 6.2/7

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

Right Out: -1991.290+/-935.114 χ^2/NDF : 5.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

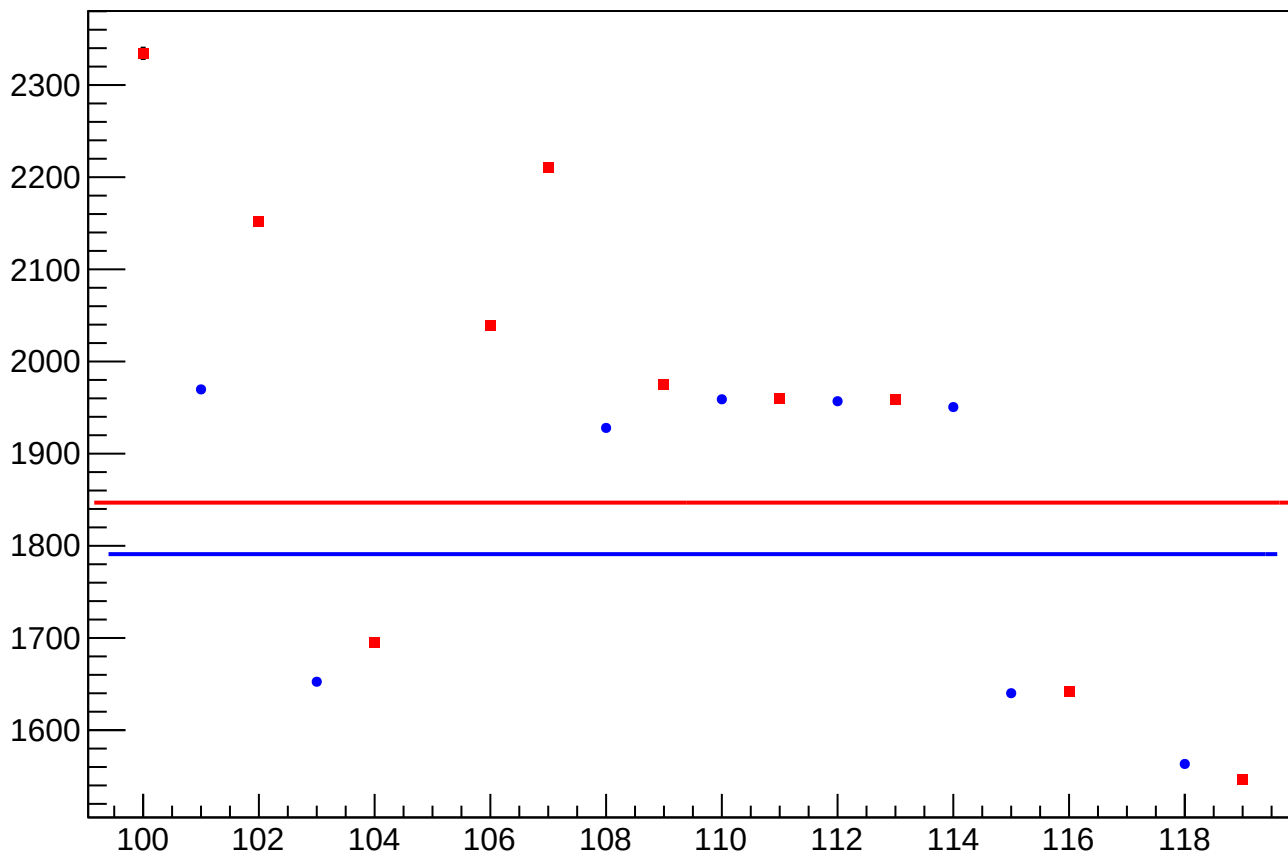
Right: -1251.578+/-680.009 χ^2/NDF : 12.8/17

In: -421.405+/-990.644 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1251.578+/-680.009 χ^2/NDF : 12.8/17

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1790.981+/-0.700 χ^2/NDF : 62448.1/7

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

Right Out: 1846.877+/-0.658 χ^2/NDF : 119598.7/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

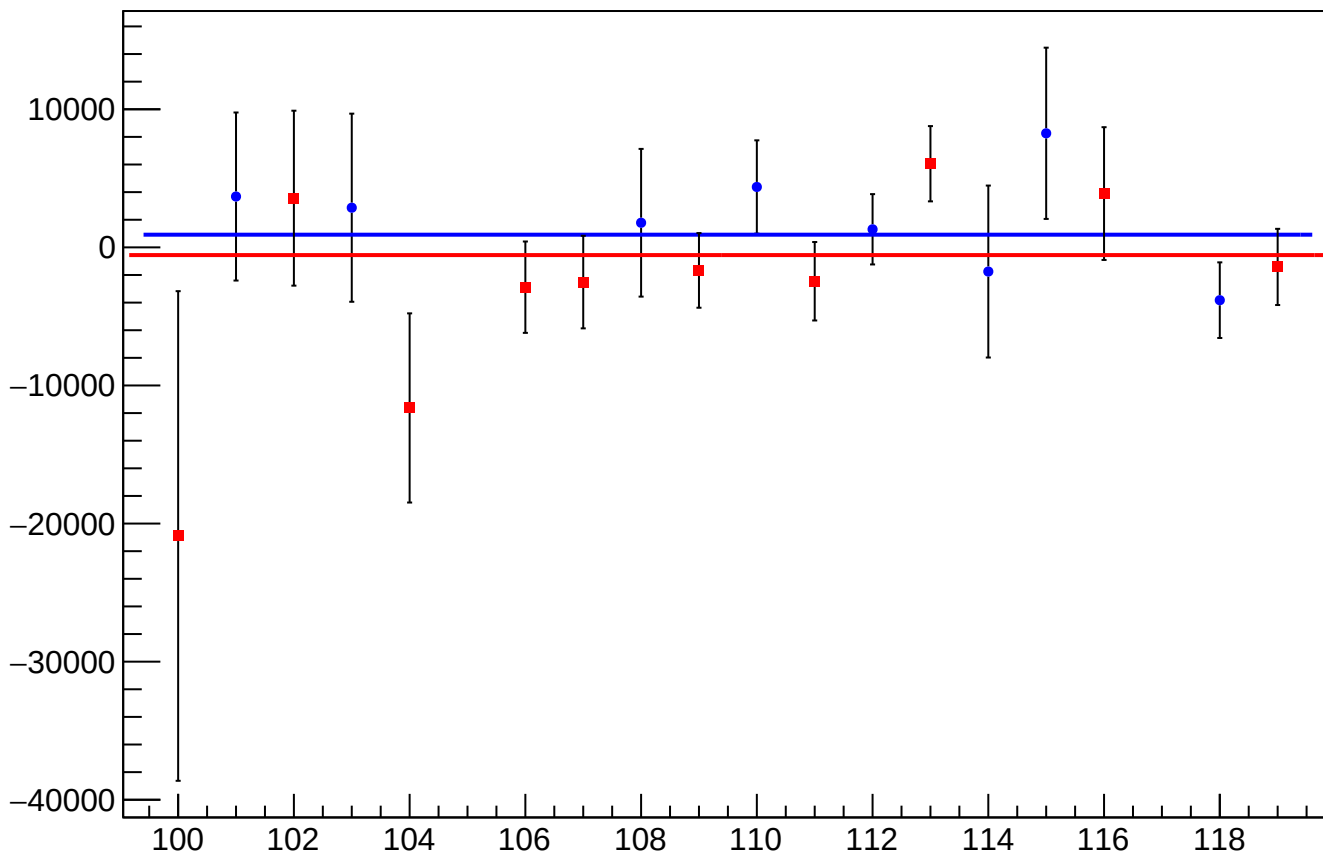
Right: 1820.674+/-0.480 χ^2/NDF : 185429.3/17

In: 1790.981+/-0.700 χ^2/NDF : 62448.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.674+/-0.480 χ^2/NDF : 185429.3/17

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 918.062+/-1399.391 χ^2/NDF : 6.0/7

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

Right Out: -558.447+/-1118.104 χ^2/NDF : 12.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

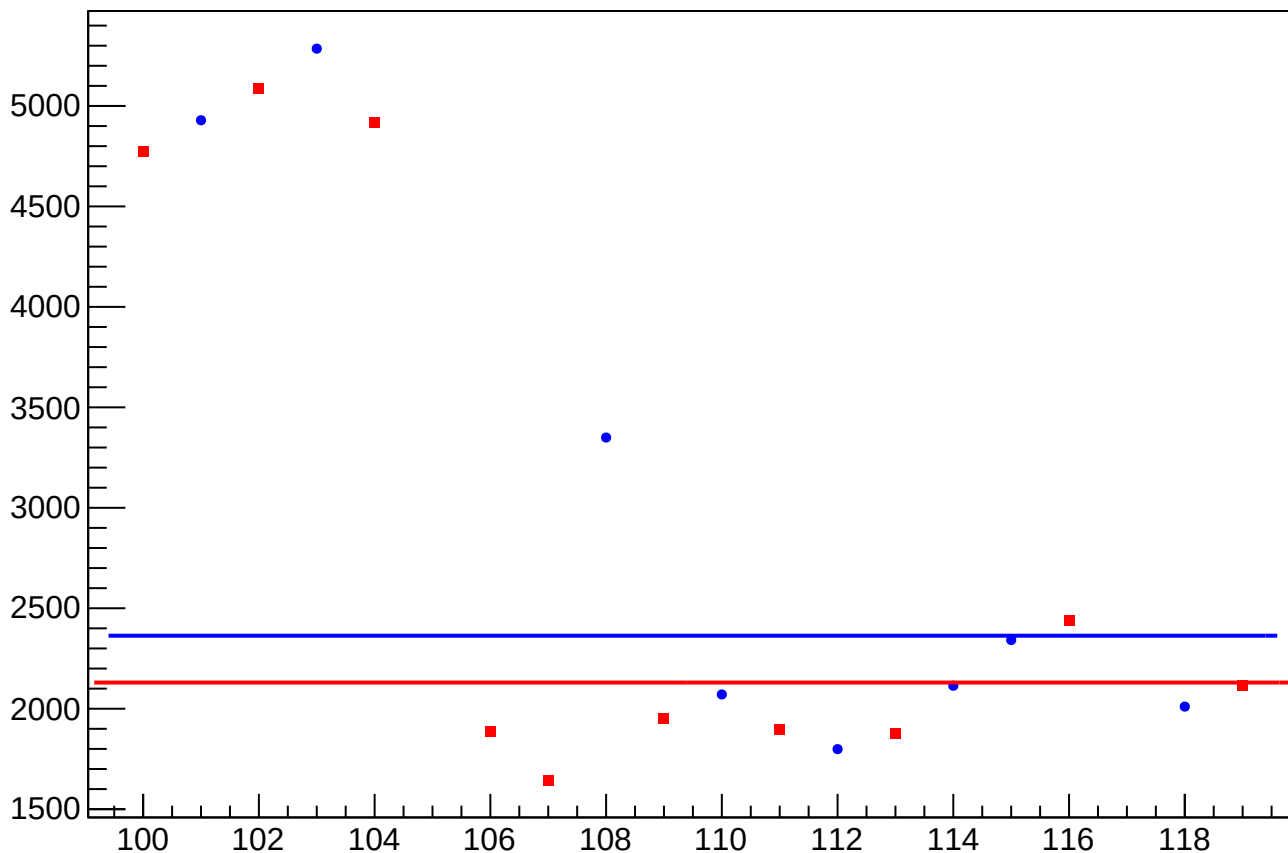
Right: 16.867+/-873.522 χ^2/NDF : 19.3/17

In: 918.062+/-1399.391 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.867+/-873.522 χ^2/NDF : 19.3/17

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2363.434+/-0.990 χ^2/NDF : 941438.7/7

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

Right Out: 2130.293+/-0.791 χ^2/NDF : 912288.4/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

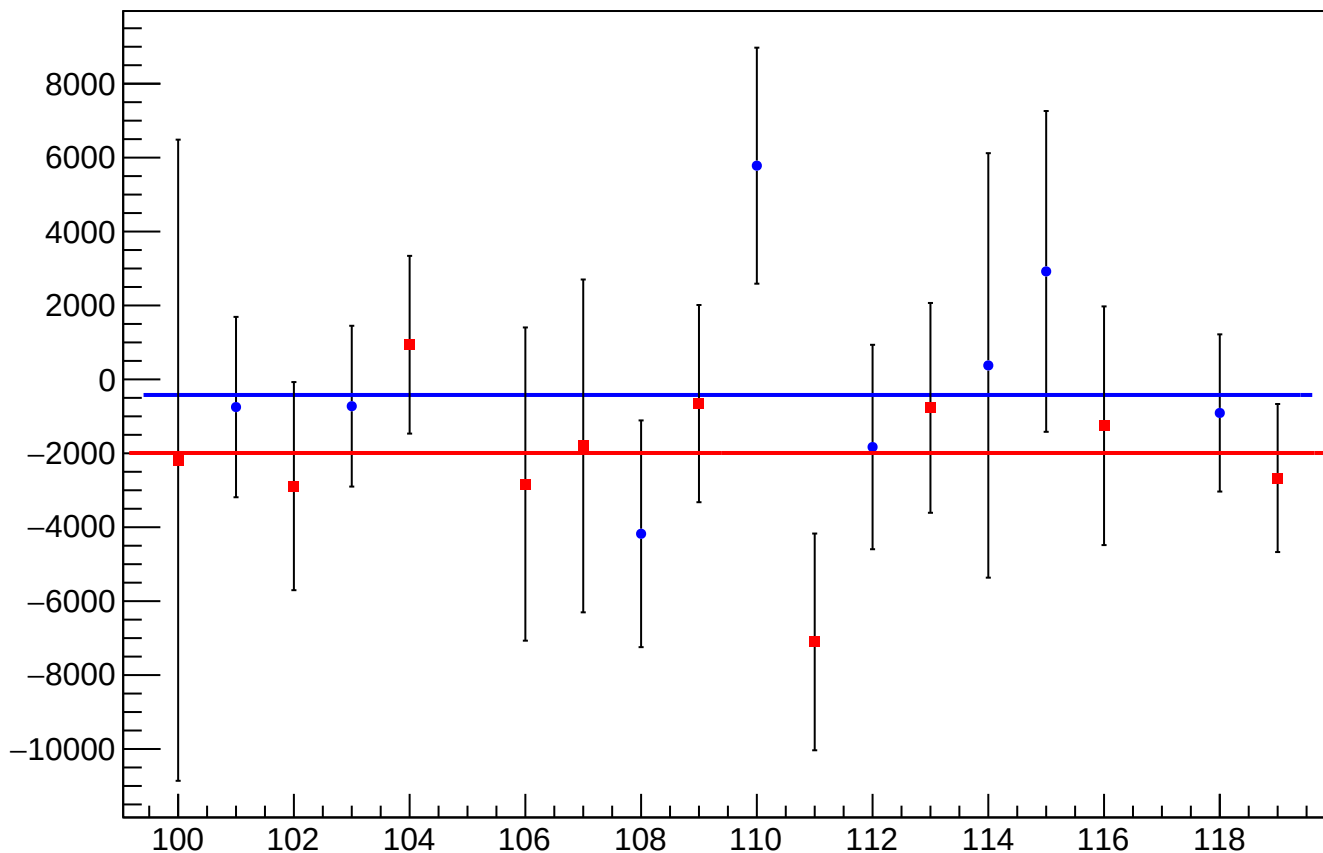
Right: 2221.136+/-0.618 χ^2/NDF : 1887609.4/17

In: 2363.434+/-0.990 χ^2/NDF : 941438.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.136+/-0.618 χ^2/NDF : 1887609.4/17

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -421.413+/-990.644 χ^2/NDF : 6.2/7

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

Right Out: -1991.299+/-935.114 χ^2/NDF : 5.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

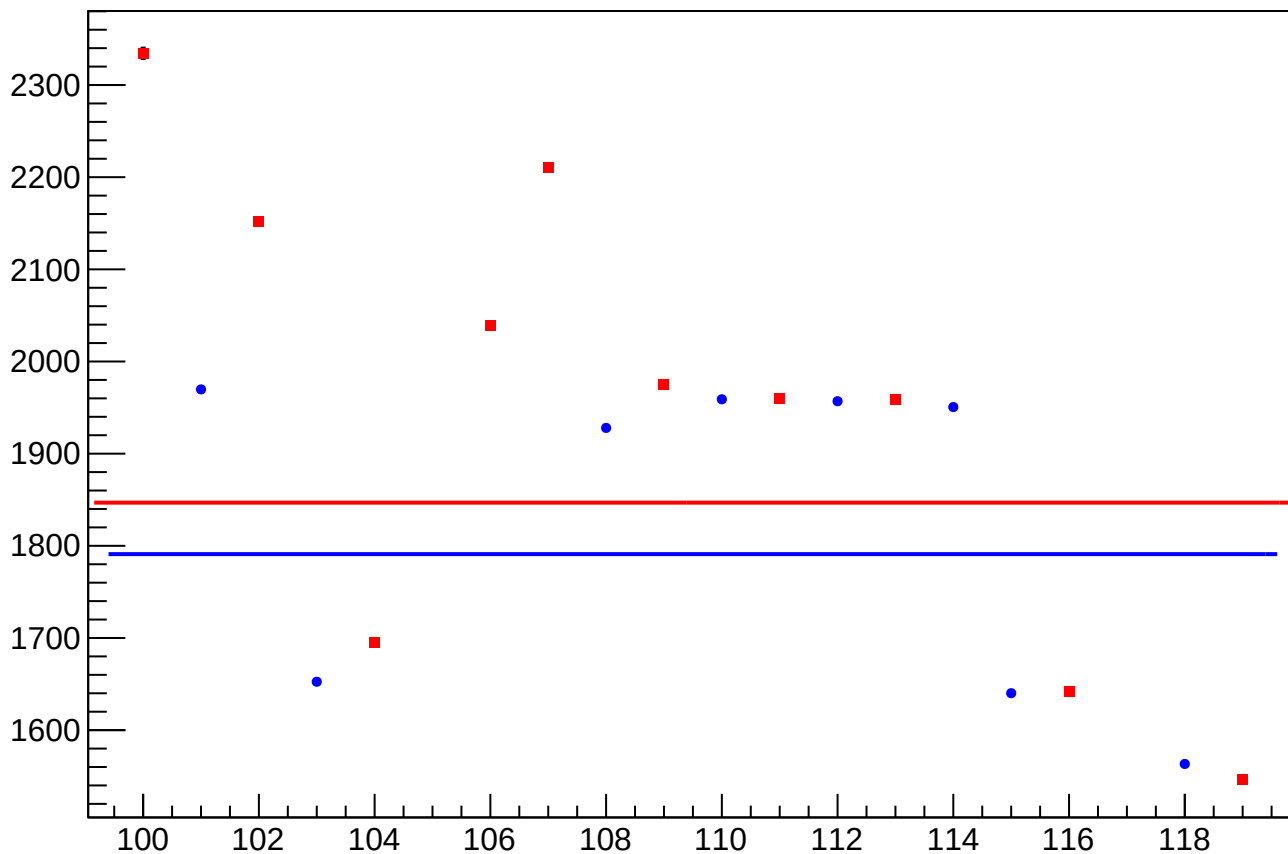
Right: -1251.587+/-680.009 χ^2/NDF : 12.8/17

In: -421.413+/-990.644 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1251.587+/-680.009 χ^2/NDF : 12.8/17

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1790.980+/-0.700 χ^2/NDF : 62448.4/7

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

Right Out: 1846.876+/-0.658 χ^2/NDF : 119598.3/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

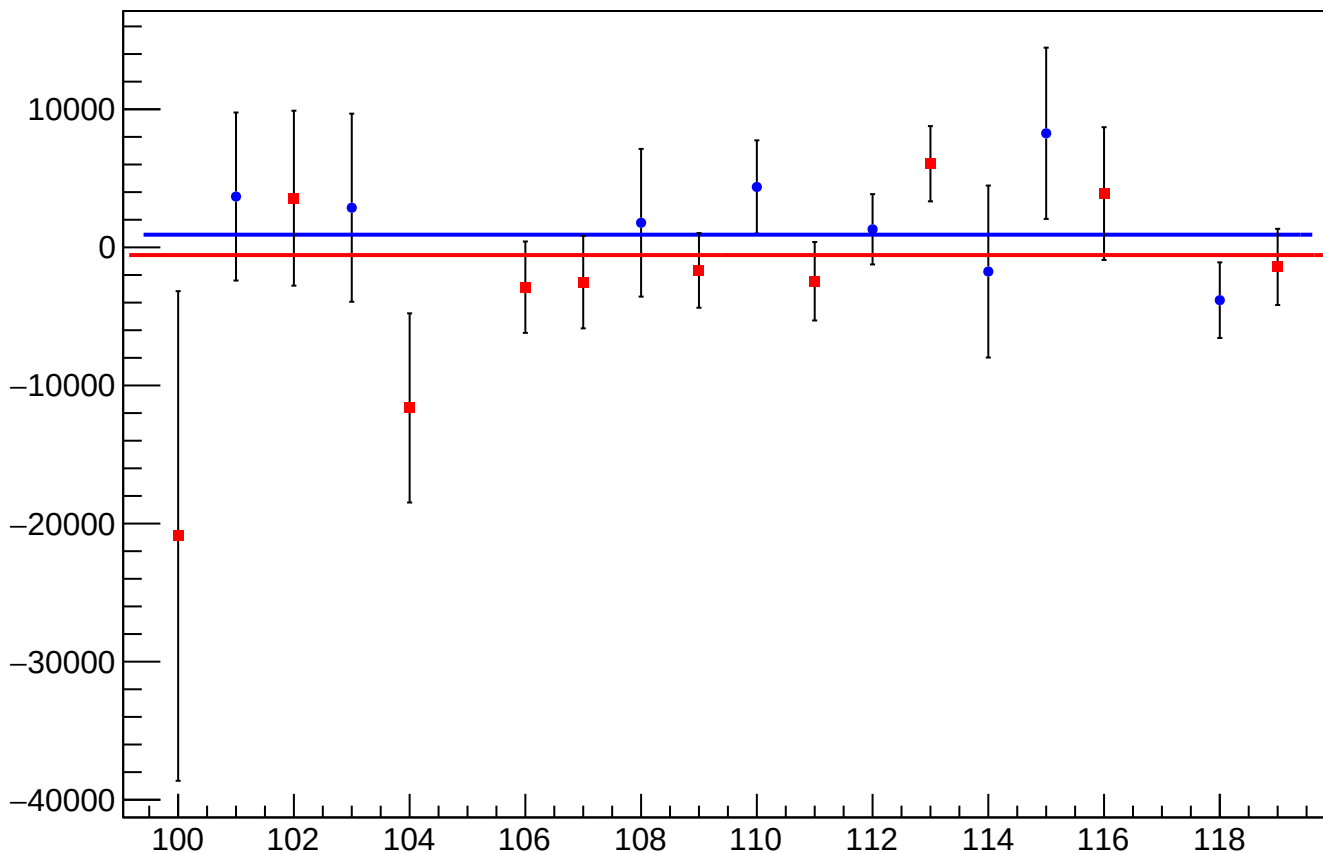
Right: 1820.674+/-0.480 χ^2/NDF : 185429.2/17

In: 1790.980+/-0.700 χ^2/NDF : 62448.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1820.674+/-0.480 χ^2/NDF : 185429.2/17

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 918.050+/-1399.385 χ^2/NDF : 6.0/7

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

Right Out: -558.447+/-1118.100 χ^2/NDF : 12.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

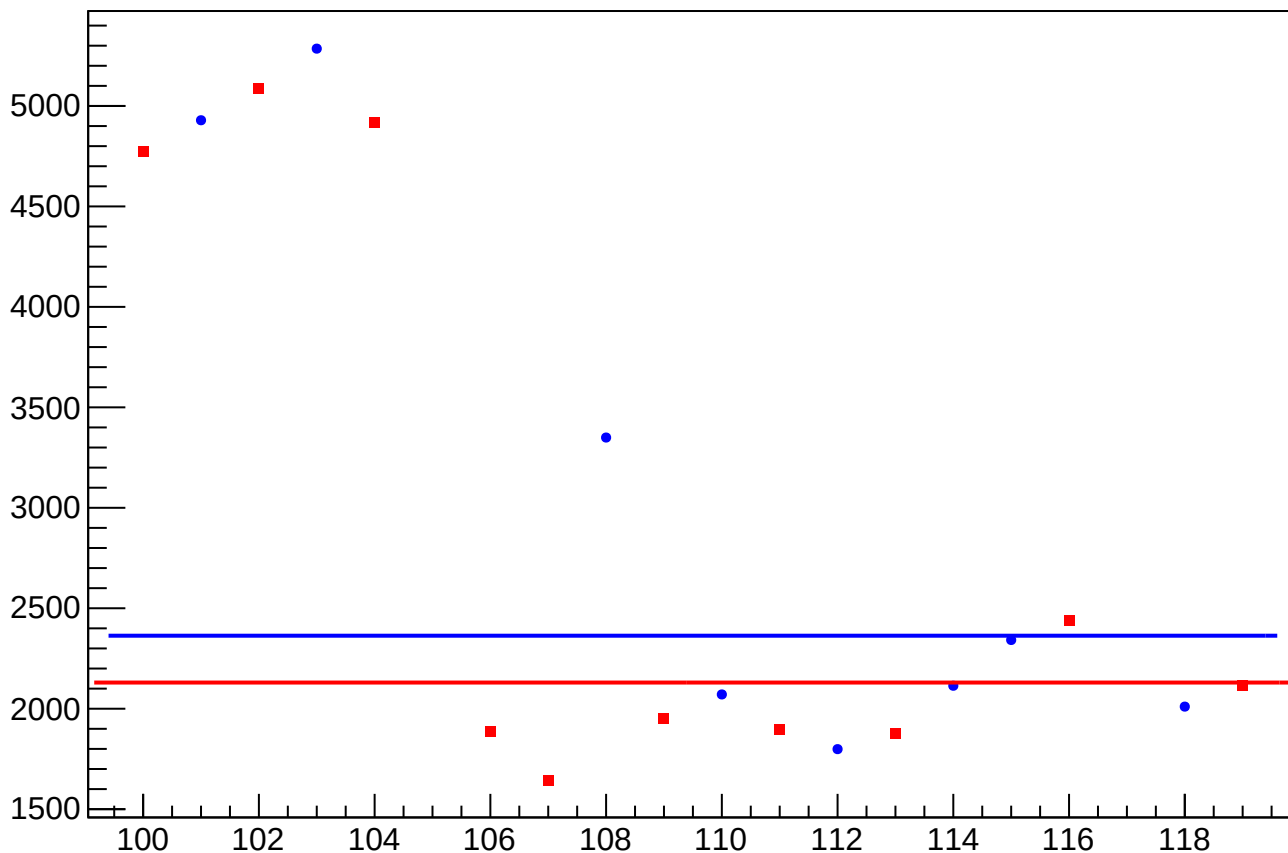
Right: 16.863+/-873.518 χ^2/NDF : 19.3/17

In: 918.050+/-1399.385 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.863+/-873.518 χ^2/NDF : 19.3/17

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2363.422+/-0.990 χ^2/NDF : 941444.8/7

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

Right Out: 2130.285+/-0.791 χ^2/NDF : 912293.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

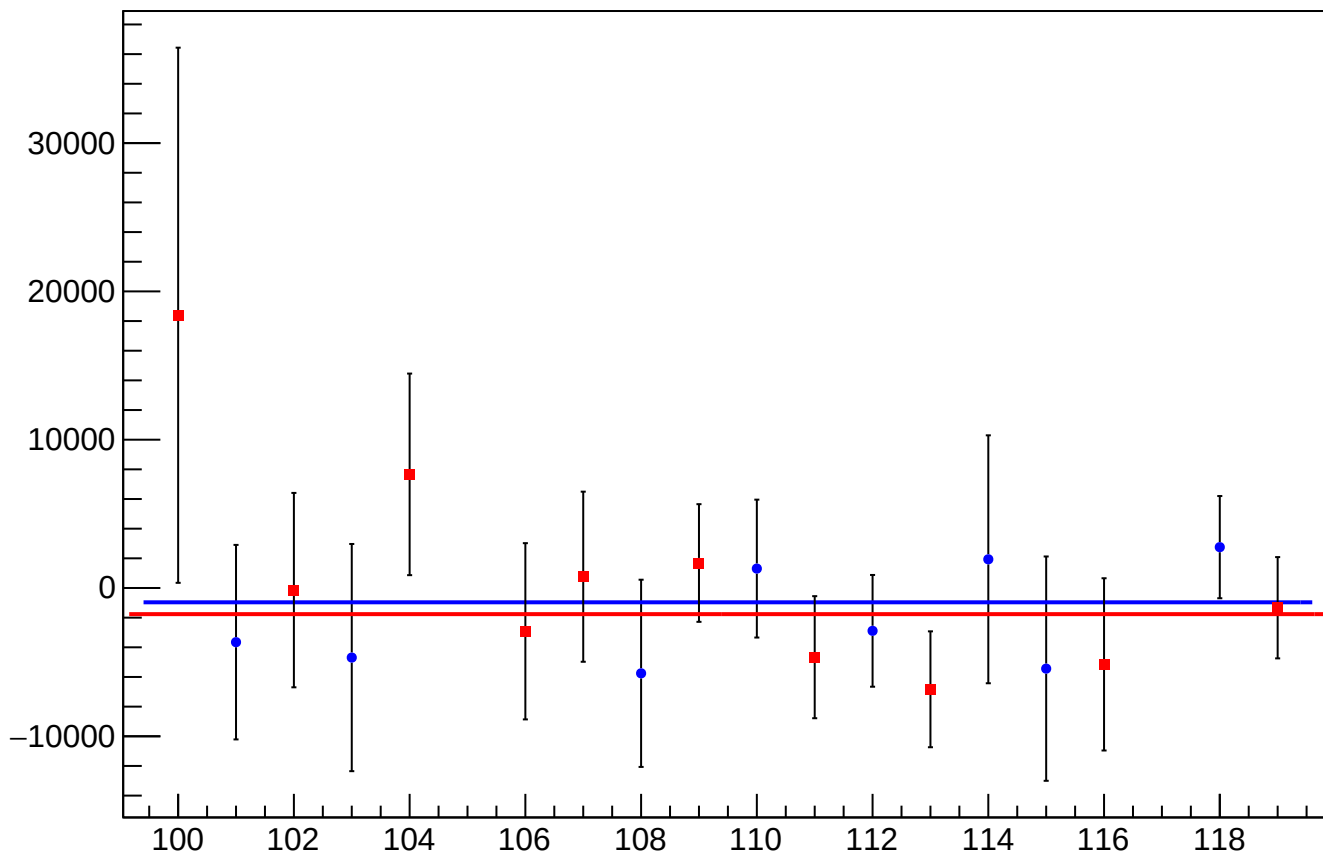
Right: 2221.126+/-0.618 χ^2/NDF : 1887619.2/17

In: 2363.422+/-0.990 χ^2/NDF :941444.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2221.126+/-0.618 χ^2/NDF : 1887619.2/17

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -965.407+/-1831.611 χ^2/NDF : 3.1/7

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

Right Out: -1763.301+/-1561.393 χ^2/NDF : 6.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

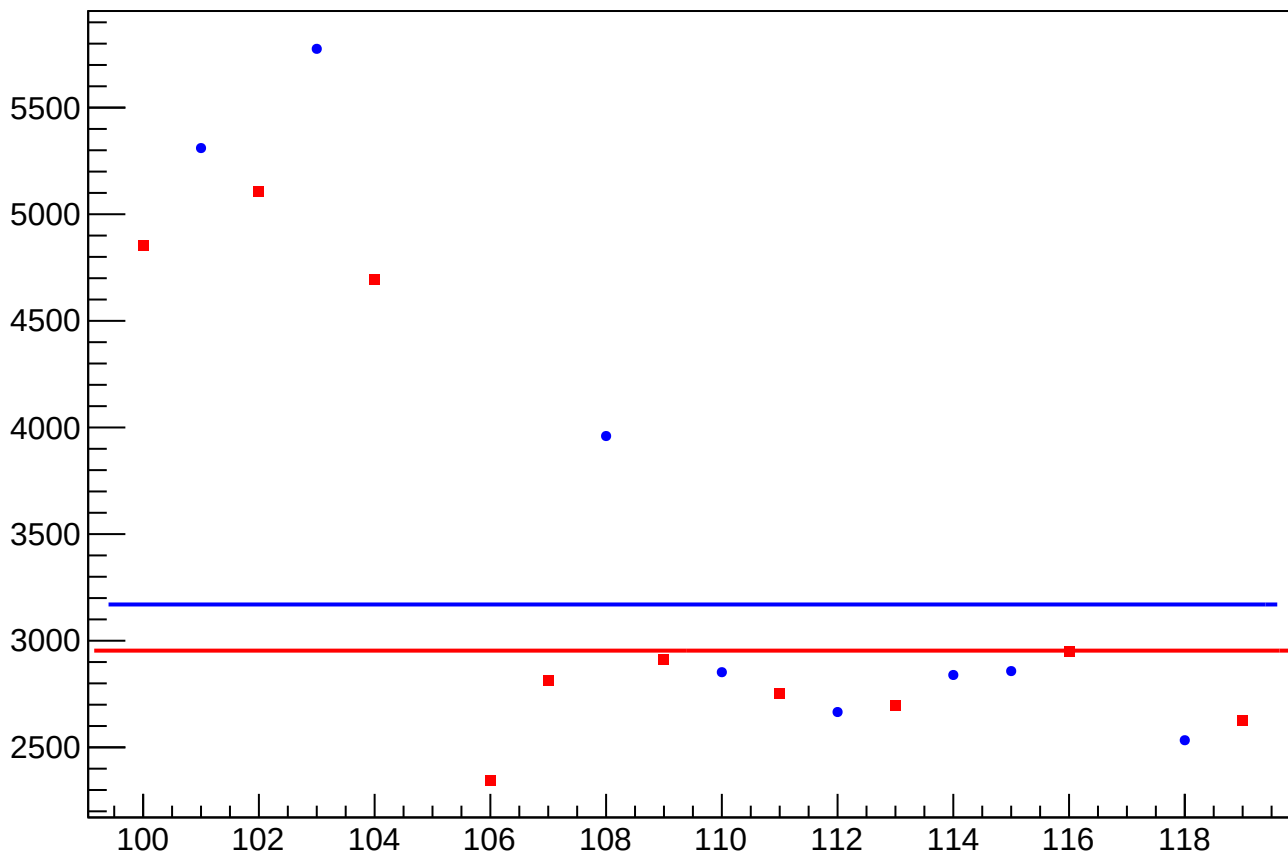
Right: -1427.498+/-1188.237 χ^2/NDF : 10.0/17

In: -965.407+/-1831.611 χ^2/NDF : 3.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1427.498+/-1188.237 χ^2/NDF : 10.0/17

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3169.966+/-1.295 χ^2/NDF : 595750.9/7

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

Right Out: 2953.560+/-1.077 χ^2/NDF : 438805.6/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

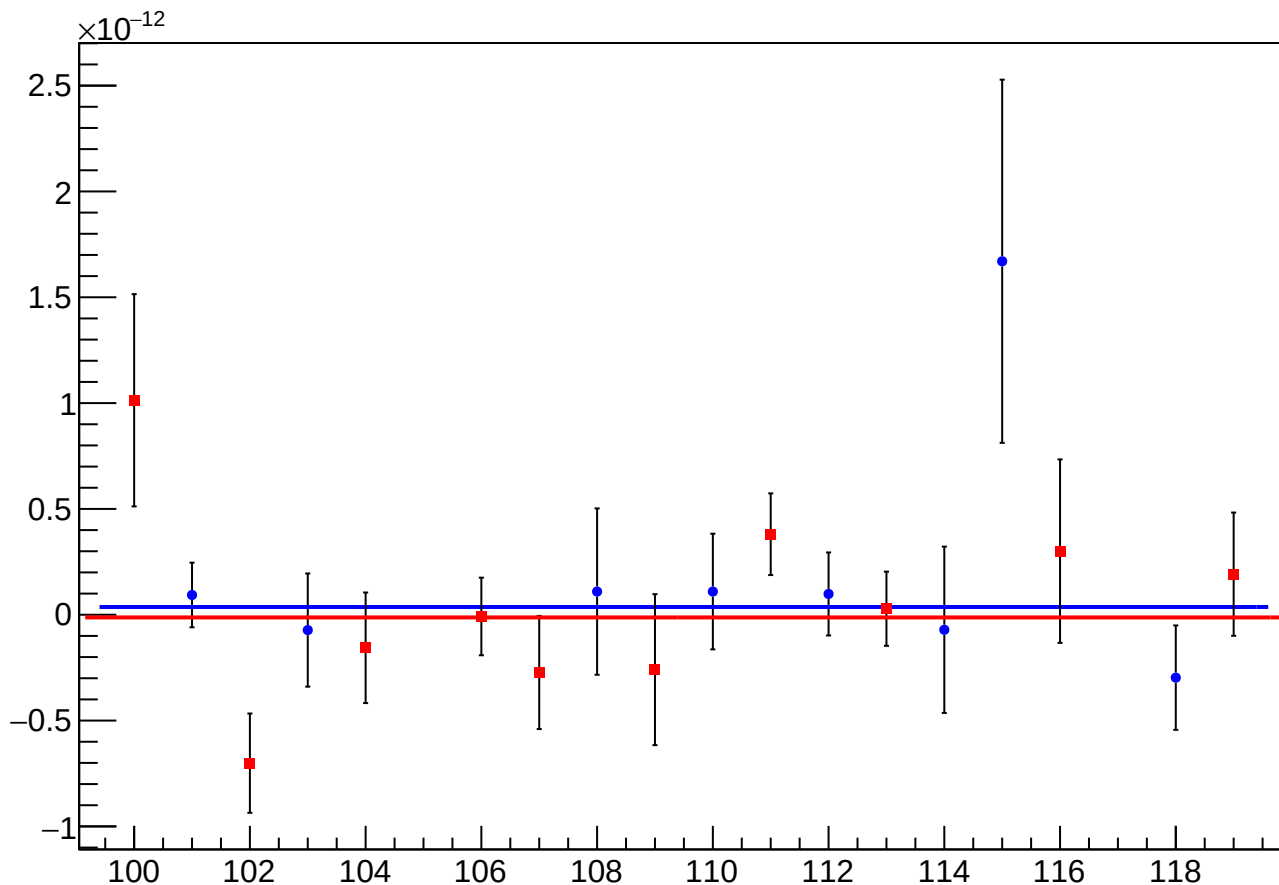
Right: 3042.051+/-0.828 χ^2/NDF : 1051059.3/17

In: 3169.966+/-1.295 χ^2/NDF : 595750.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3042.051+/-0.828 χ^2/NDF : 1051059.3/17

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/7

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

Right Out: -0.000+/-0.000 χ^2/NDF : 19.8/9

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

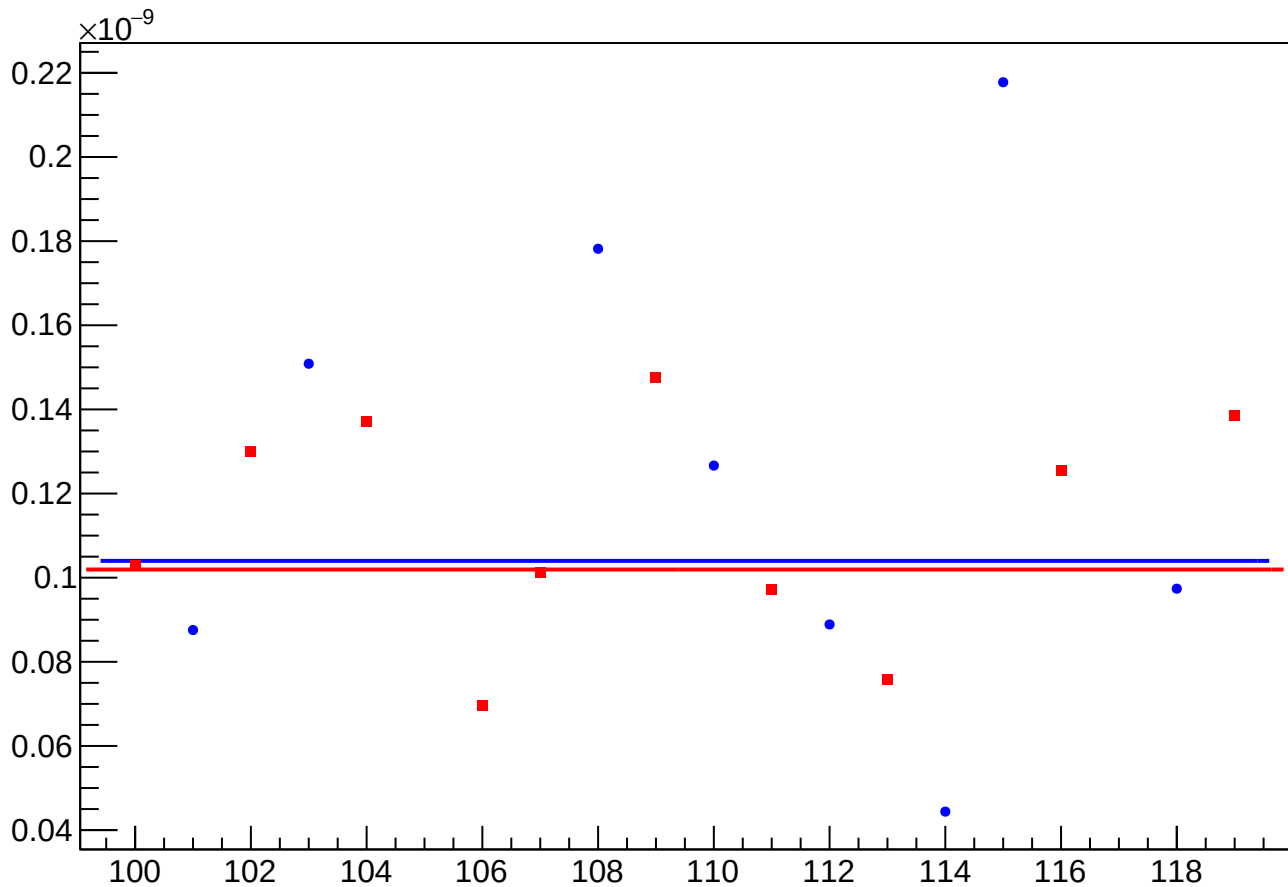
Right: 0.000+/-0.000 χ^2/NDF : 26.0/17

In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.0/17

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 264174.7/7

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

Right Out: 0.000+/-0.000 χ^2/NDF : 243396.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

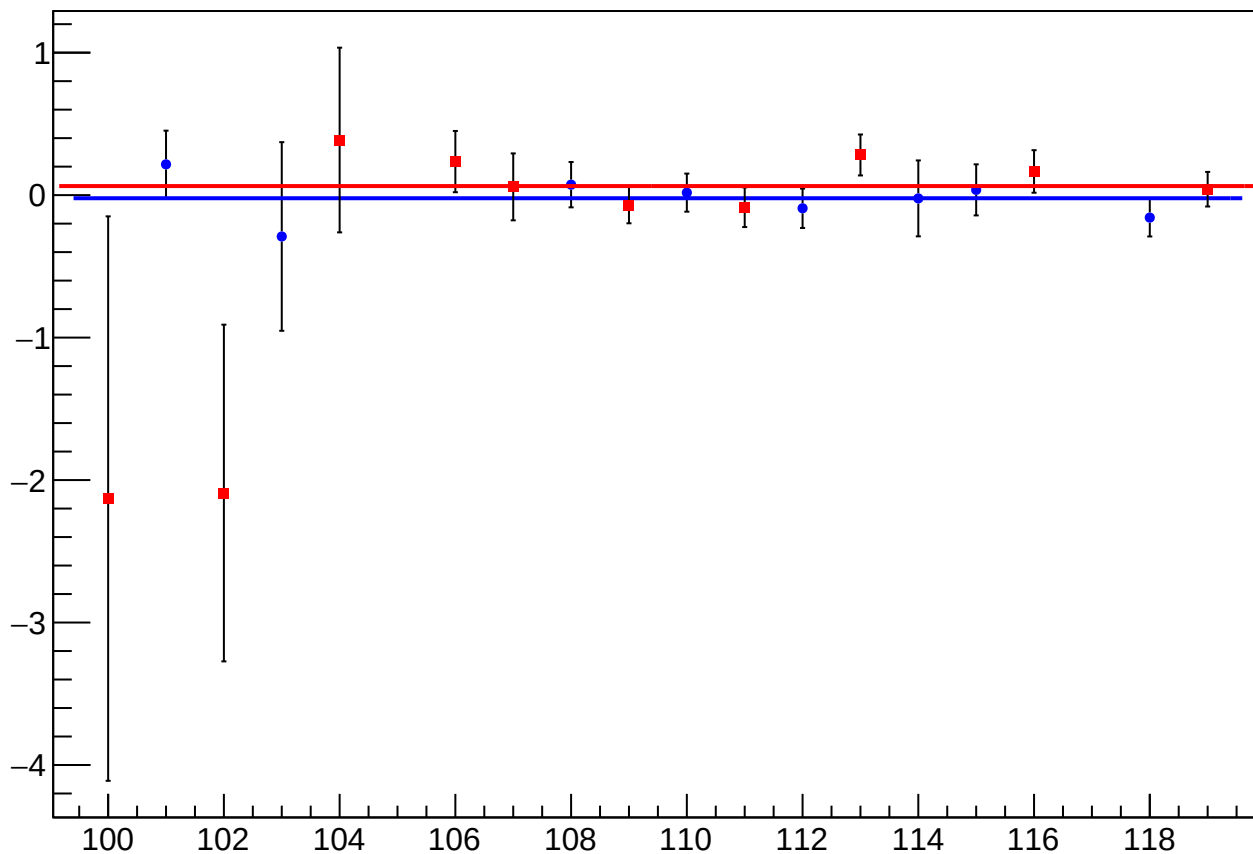
Right: 0.000+/-0.000 χ^2/NDF : 508178.4/17

In: 0.000+/-0.000 χ^2/NDF : 264174.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 508178.4/17

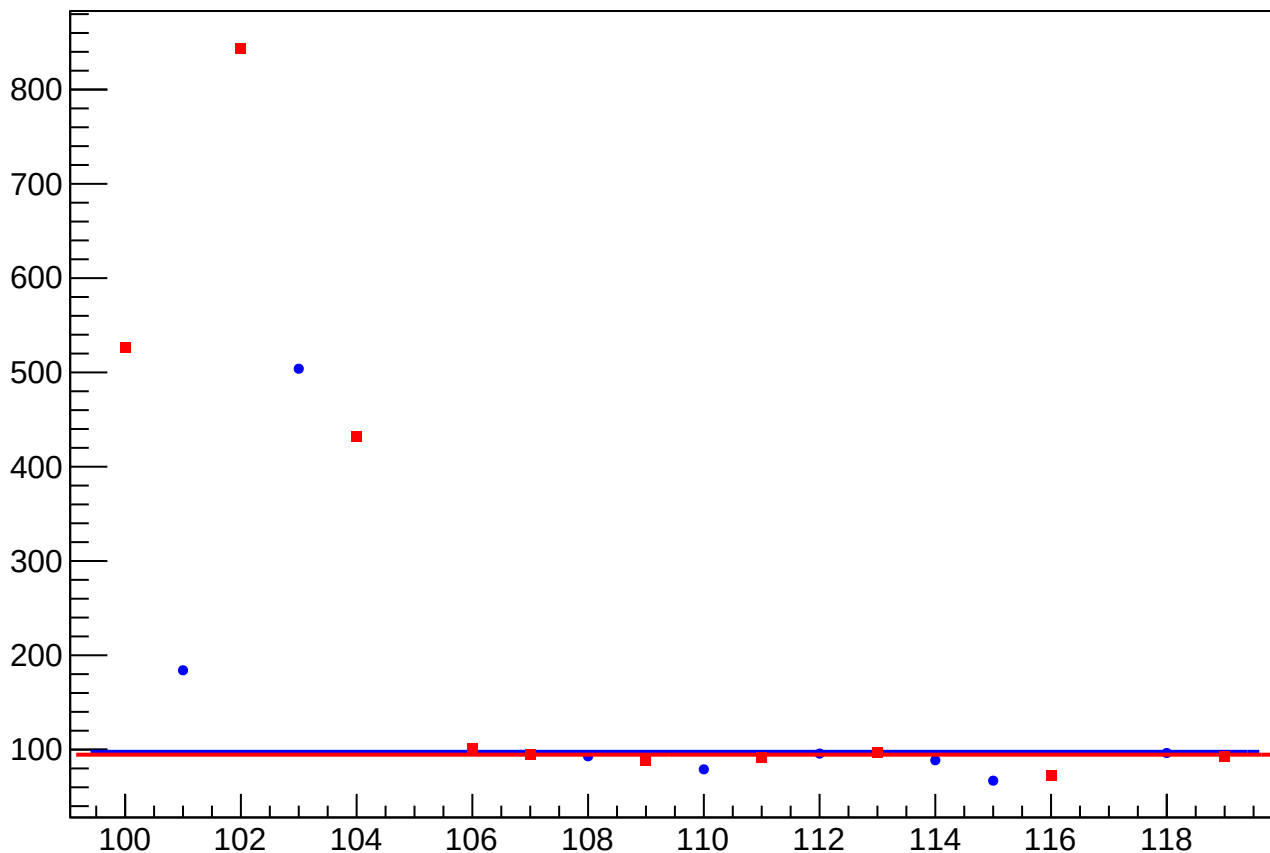
asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.061 $\chi^2/\text{NDF}: 3.0/7$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.064 ± 0.056 $\chi^2/\text{NDF}: 10.5/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.024 ± 0.041 $\chi^2/\text{NDF}: 14.6/17$
 In: -0.022 ± 0.061 $\chi^2/\text{NDF}: 3.0/7$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.024 ± 0.041 $\chi^2/\text{NDF}: 14.6/17$

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.613+/-0.043 χ^2/NDF : 1122684.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.589+/-0.040 χ^2/NDF : 1492397.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

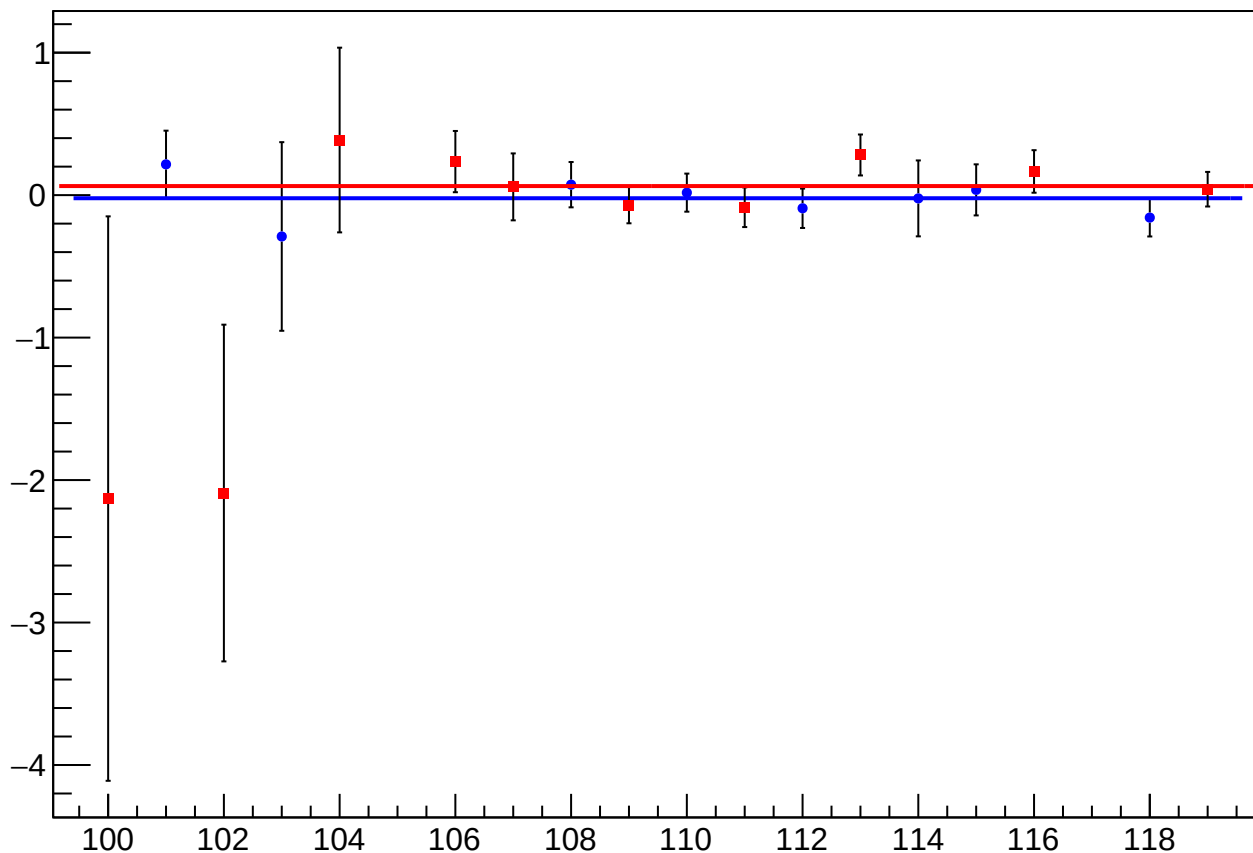
Right: 95.979+/-0.029 χ^2/NDF : 2617751.4/17

In: 97.613+/-0.043 χ^2/NDF : 1122684.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.979+/-0.029 χ^2/NDF : 2617751.4/17

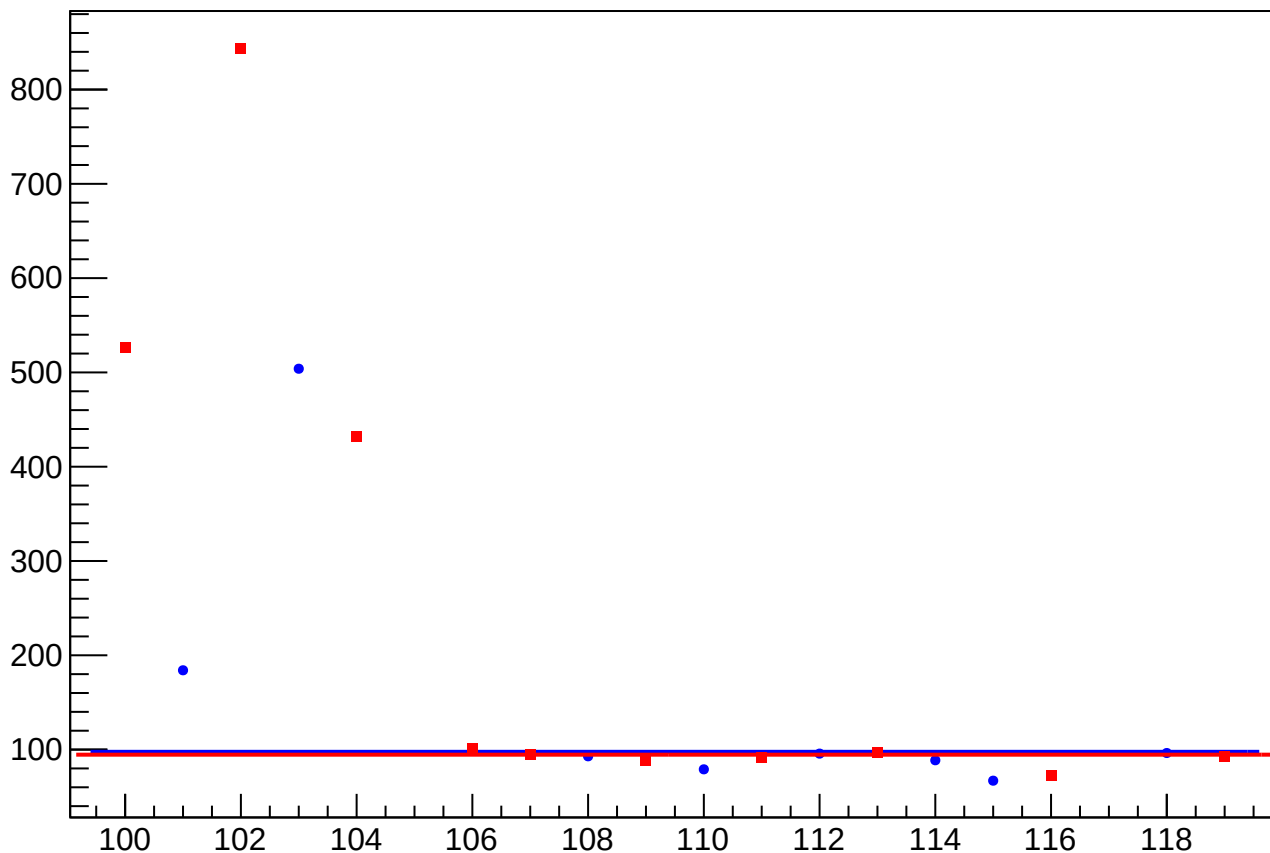
asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.061 χ^2 /NDF: 3.0/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 10.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.024 $\pm$ 0.041 χ^2 /NDF: 14.6/17
 In: -0.022 $\pm$ 0.061 χ^2 /NDF:3.0/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.024 $\pm$ 0.041 χ^2 /NDF: 14.6/17

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.613+/-0.043 χ^2/NDF : 1122684.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.589+/-0.040 χ^2/NDF : 1492397.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

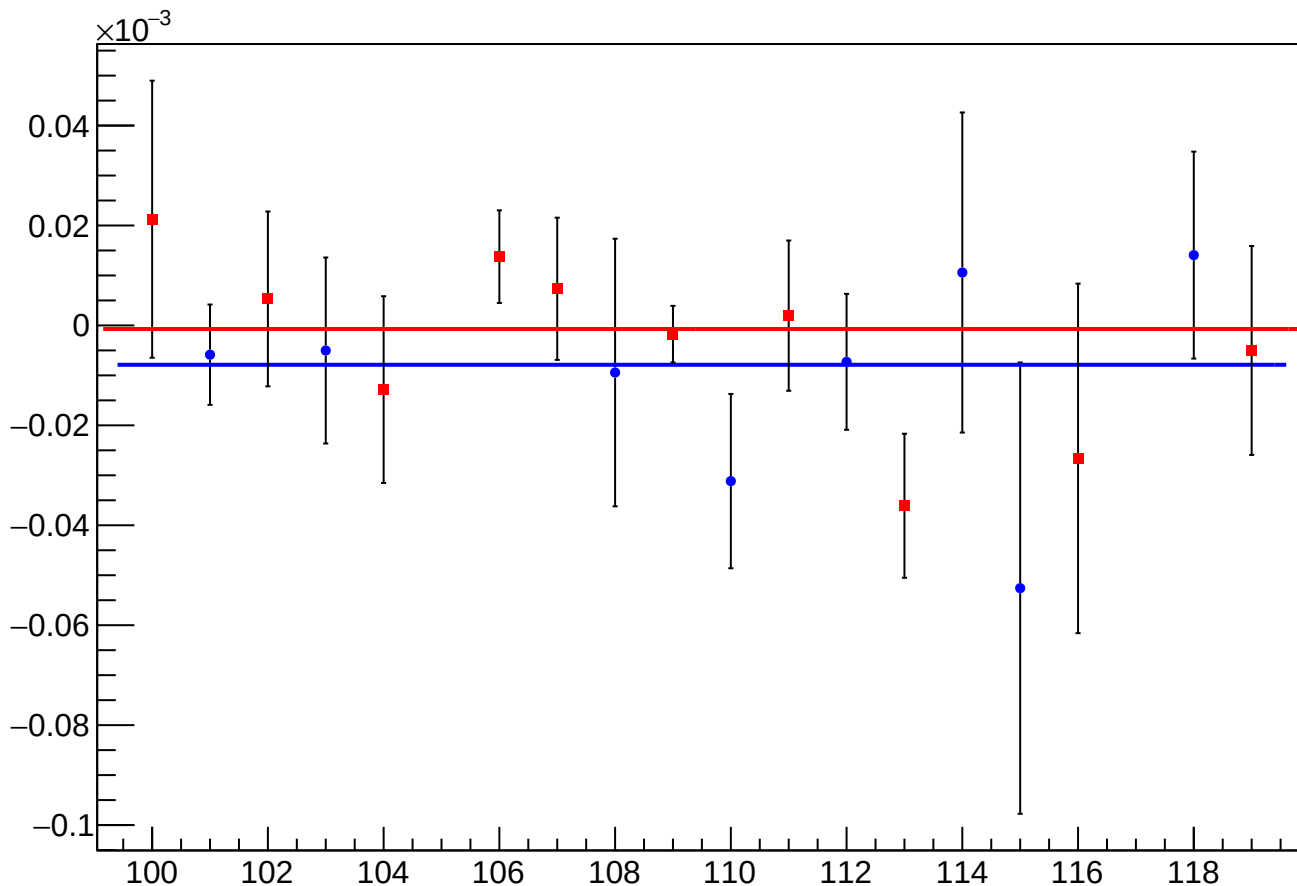
Right: 95.979+/-0.029 χ^2/NDF : 2617751.4/17

In: 97.613+/-0.043 χ^2/NDF : 1122684.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.979+/-0.029 χ^2/NDF : 2617751.4/17

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

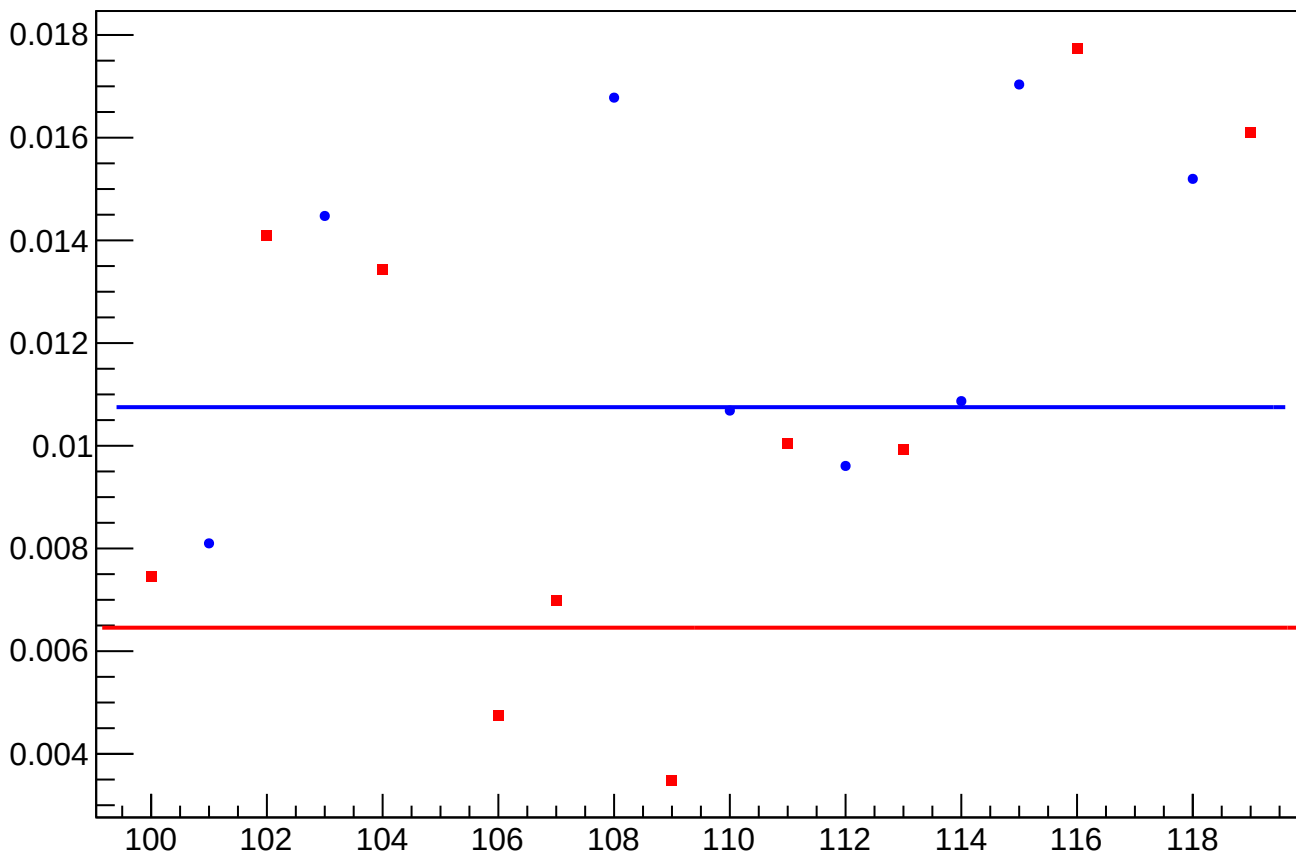
Right: -0.000+/-0.000 χ^2/NDF : 15.9/17

In: -0.000+/-0.000 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.9/17

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 466055.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2147105.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

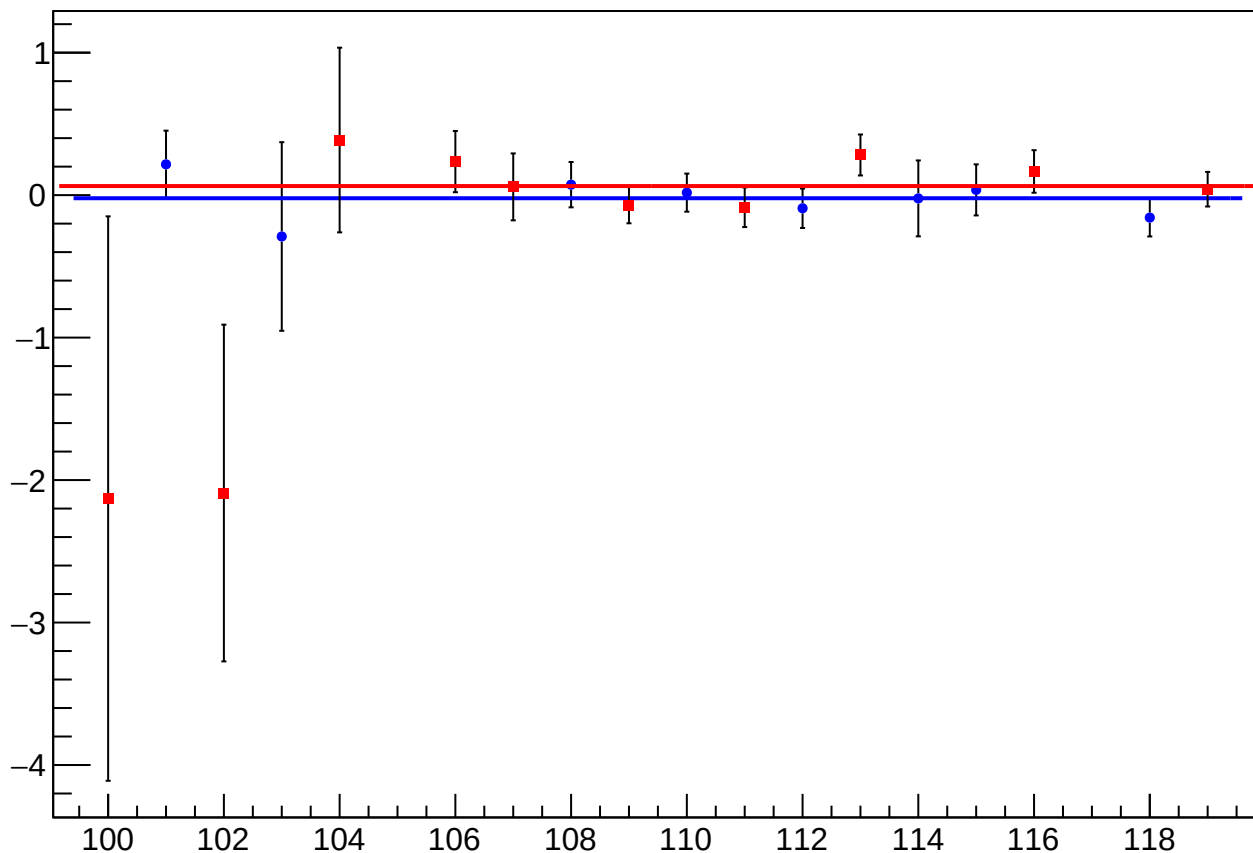
Right: 0.008+/-0.000 χ^2/NDF : 3318549.0/17

In: 0.011+/-0.000 χ^2/NDF :466055.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3318549.0/17

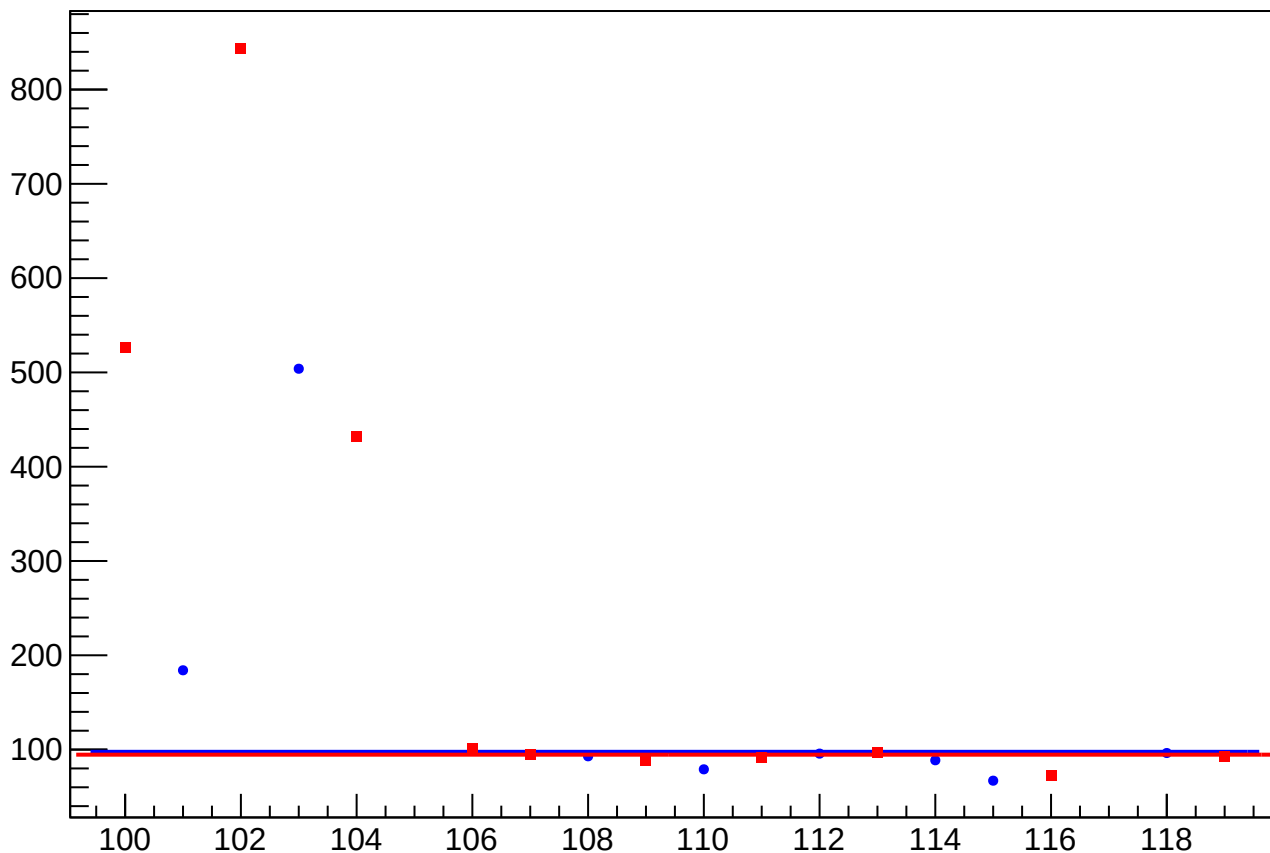
asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 ± 0.061 $\chi^2/\text{NDF}: 3.0/7$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.064 ± 0.056 $\chi^2/\text{NDF}: 10.5/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.024 ± 0.041 $\chi^2/\text{NDF}: 14.6/17$
 In: -0.022 ± 0.061 $\chi^2/\text{NDF}: 3.0/7$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.024 ± 0.041 $\chi^2/\text{NDF}: 14.6/17$

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.615+/-0.043 χ^2/NDF : 1122655.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.591+/-0.040 χ^2/NDF : 1492348.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

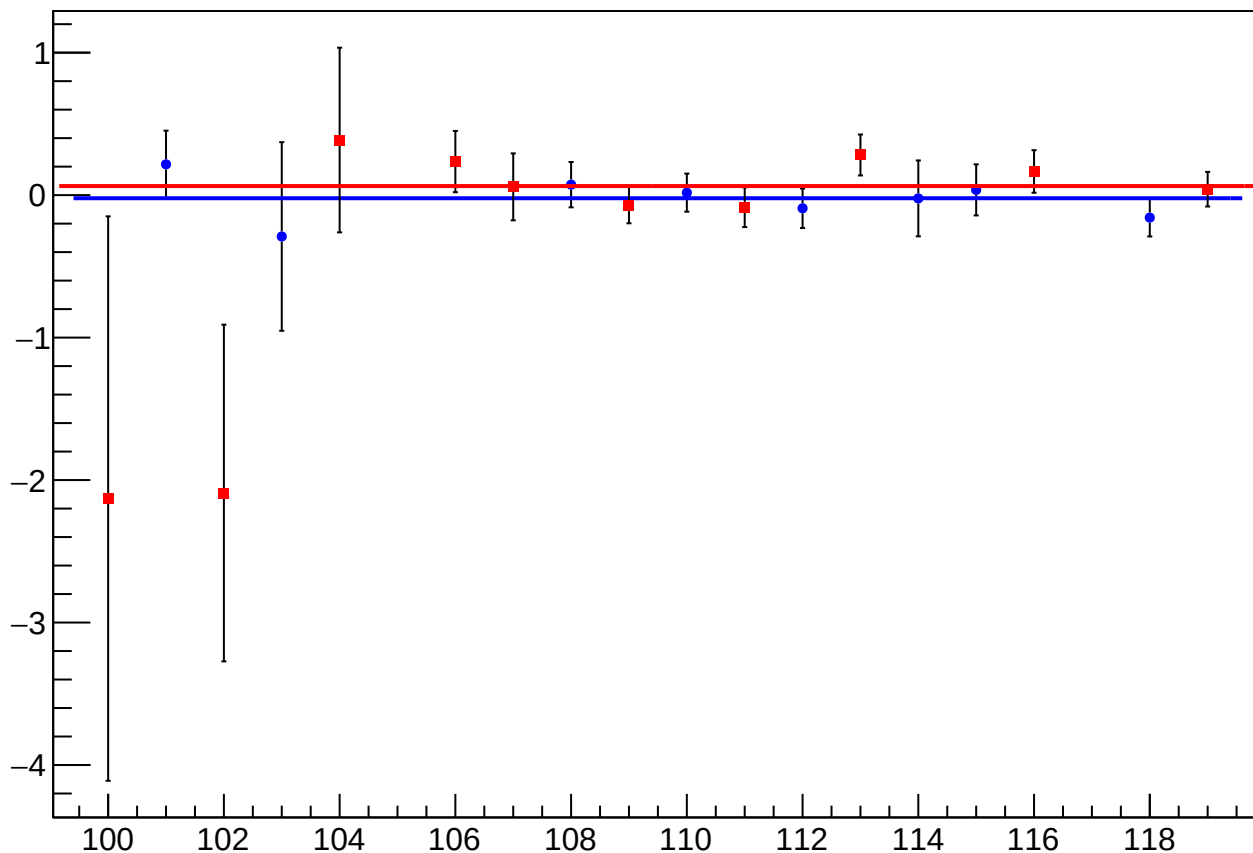
Right: 95.981+/-0.029 χ^2/NDF : 2617672.6/17

In: 97.615+/-0.043 χ^2/NDF : 1122655.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.981+/-0.029 χ^2/NDF : 2617672.6/17

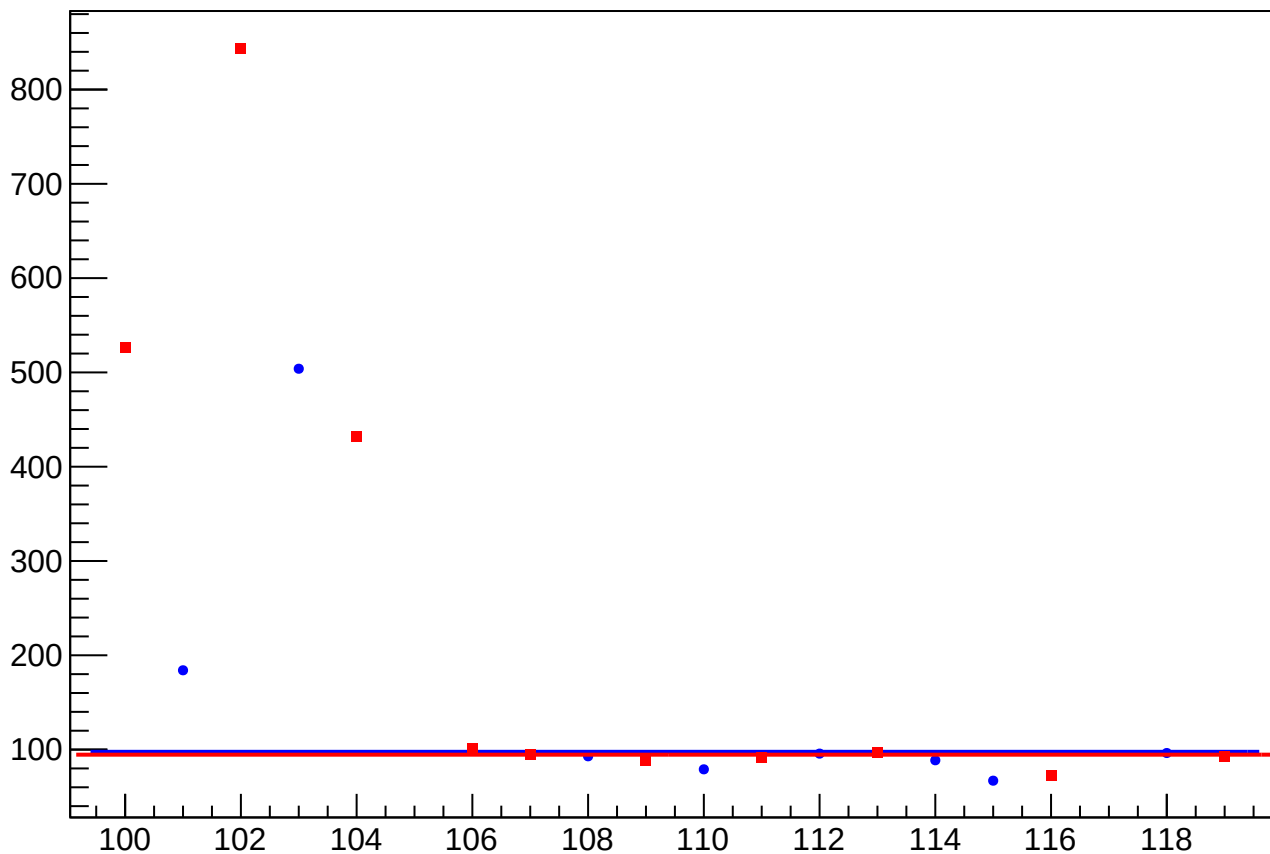
asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.061 χ^2 /NDF: 3.0/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.064 $\pm$ 0.056 χ^2 /NDF: 10.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.024 $\pm$ 0.041 χ^2 /NDF: 14.6/17
 In: -0.022 $\pm$ 0.061 χ^2 /NDF:3.0/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.024 $\pm$ 0.041 χ^2 /NDF: 14.6/17

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 97.615+/-0.043 χ^2/NDF : 1122655.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 94.591+/-0.040 χ^2/NDF : 1492348.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

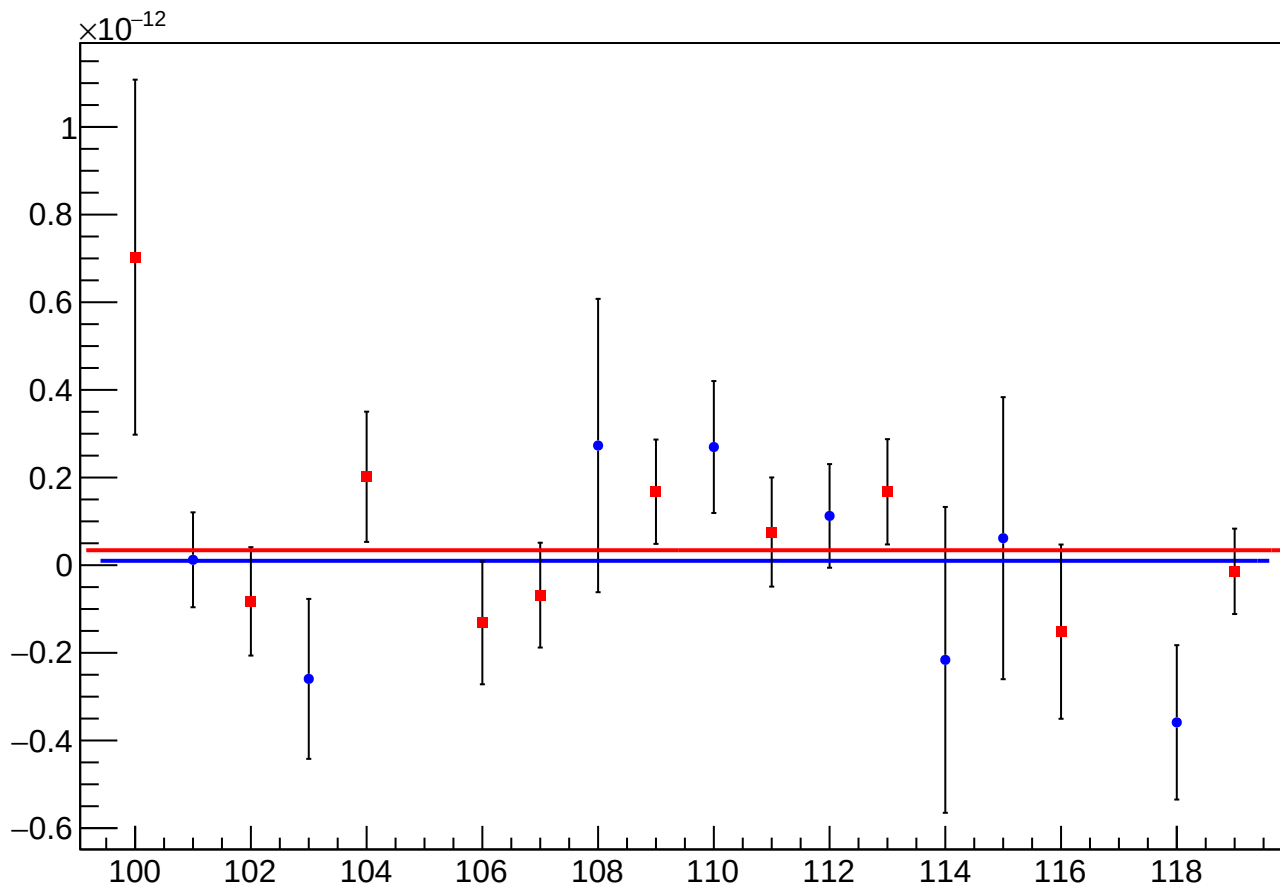
Right: 95.981+/-0.029 χ^2/NDF : 2617672.6/17

In: 97.615+/-0.043 χ^2/NDF :1122655.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 95.981+/-0.029 χ^2/NDF : 2617672.6/17

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

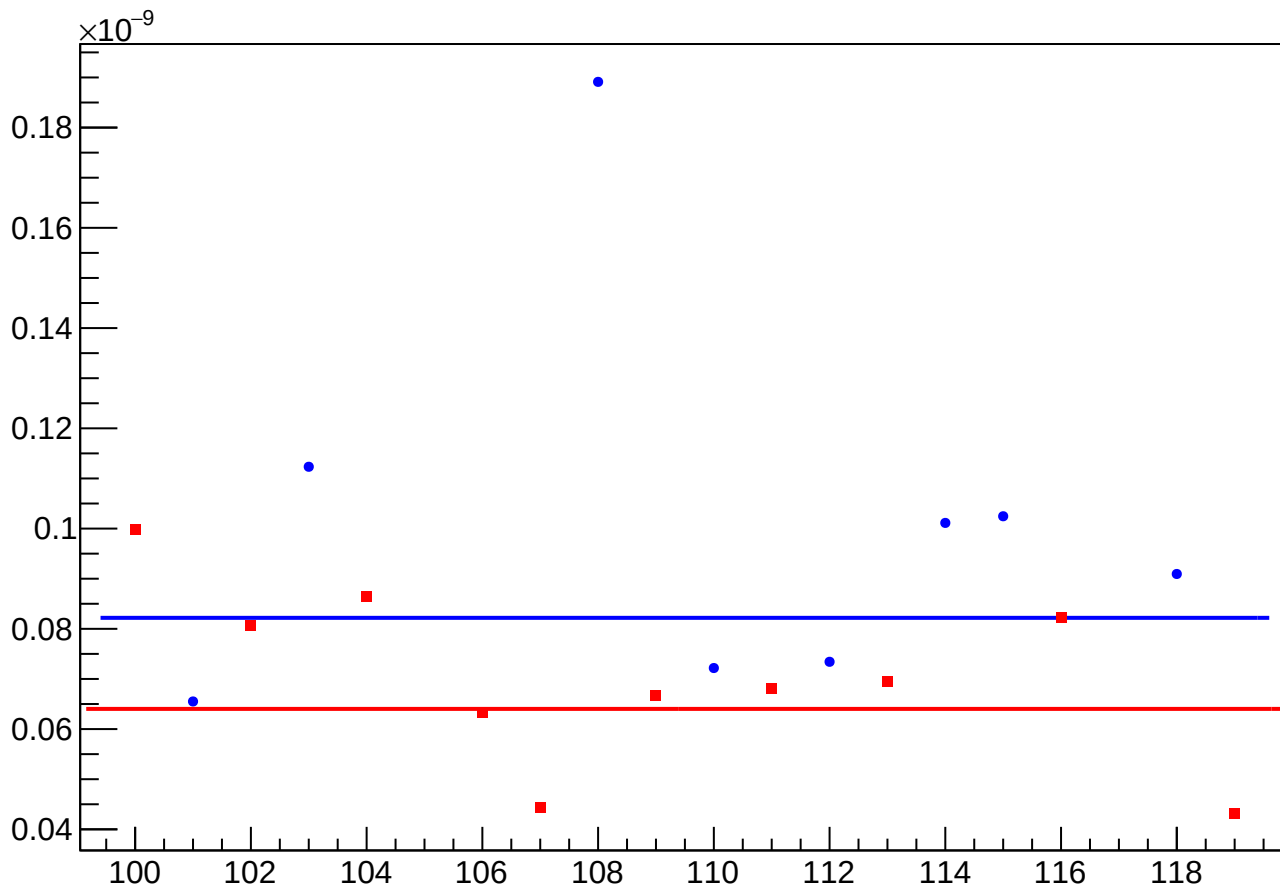
Right: 0.000+/-0.000 χ^2/NDF : 22.2/17

In: 0.000+/-0.000 χ^2/NDF : 11.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.2/17

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 344768.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 267481.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

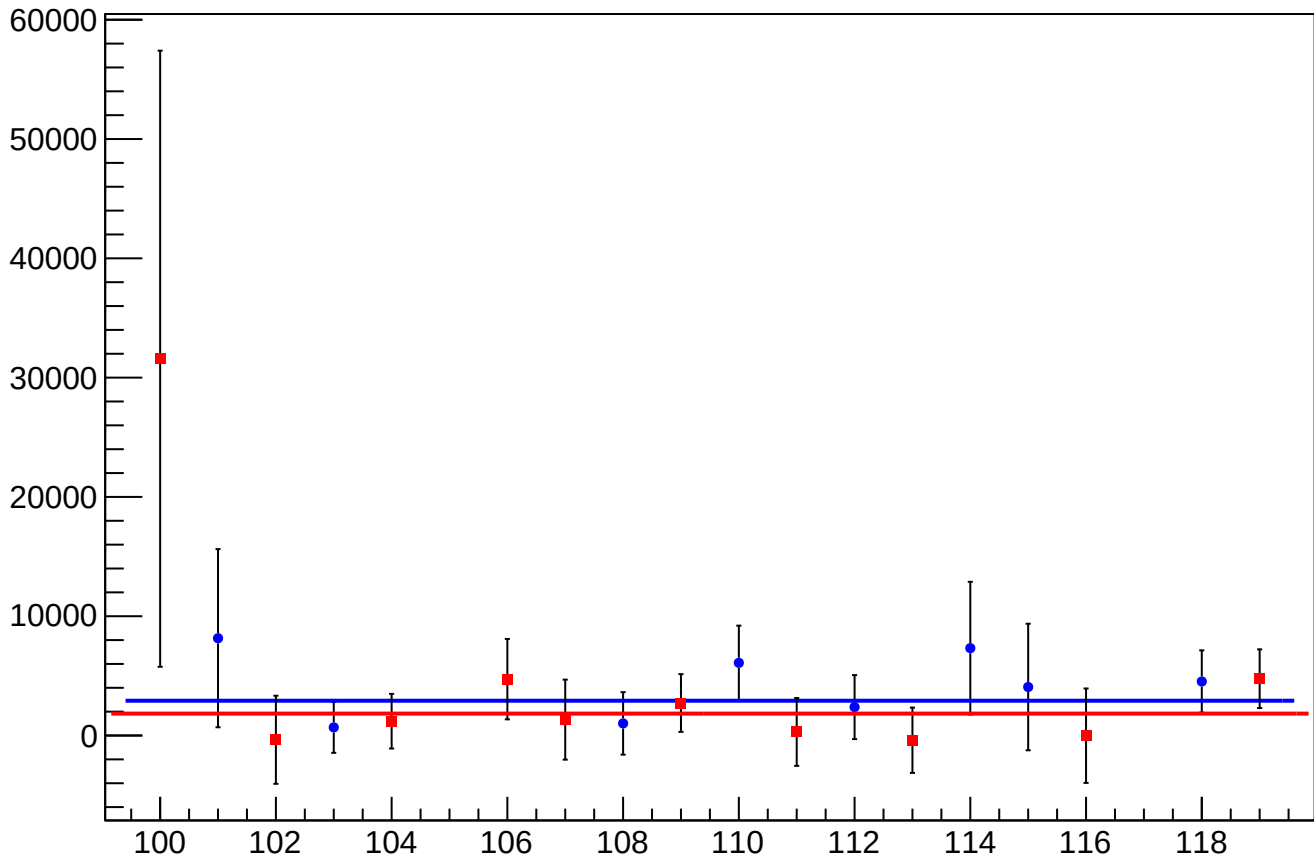
Right: 0.000+/-0.000 χ^2/NDF : 739334.8/17

In: 0.000+/-0.000 χ^2/NDF : 344768.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 739334.8/17

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2916.605+/-1091.127 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1837.005+/-953.850 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

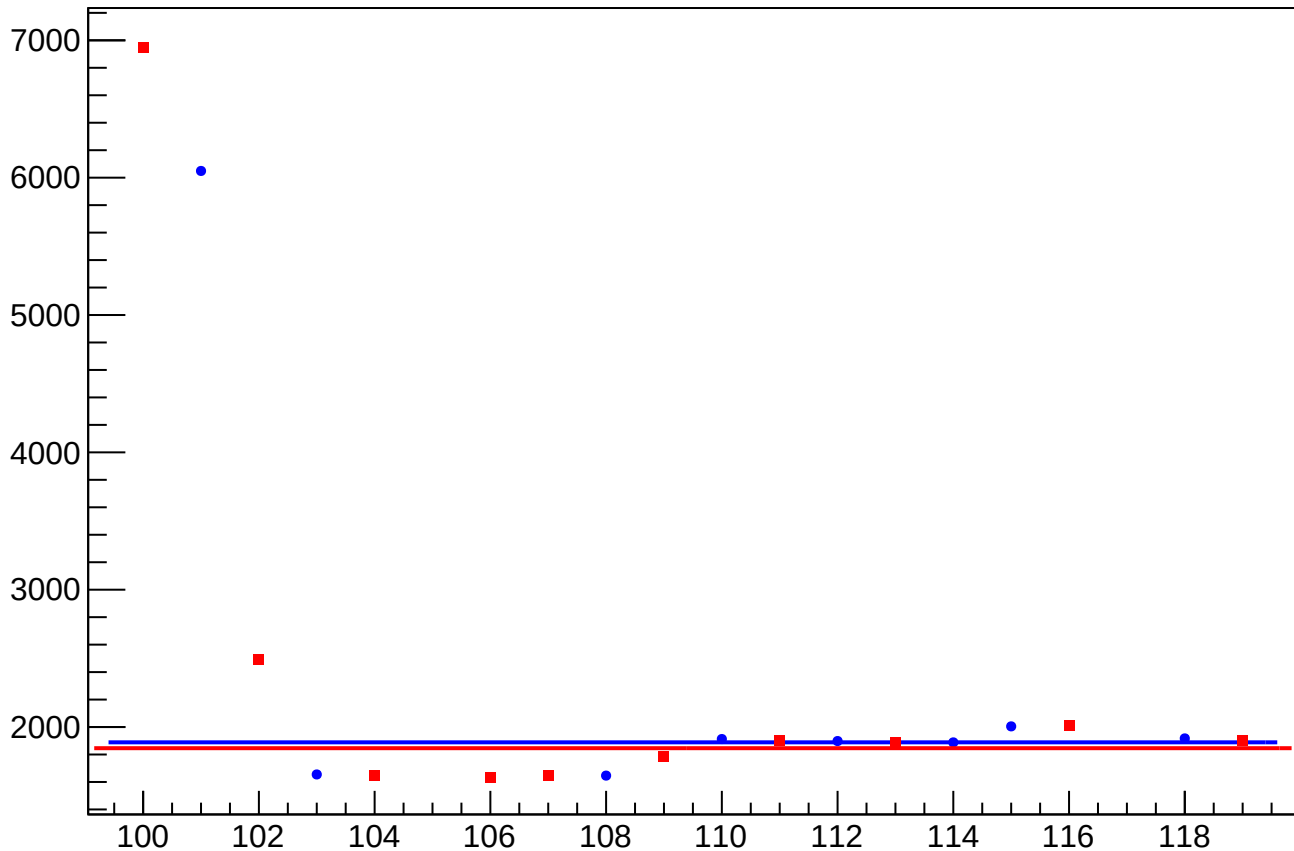
Right: 2304.658+/-718.134 χ^2/NDF : 10.0/17

In: 2916.605+/-1091.127 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2304.658+/-718.134 χ^2/NDF : 10.0/17

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.675+/-0.772 χ^2/NDF : 663030.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1845.968+/-0.670 χ^2/NDF : 176880.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

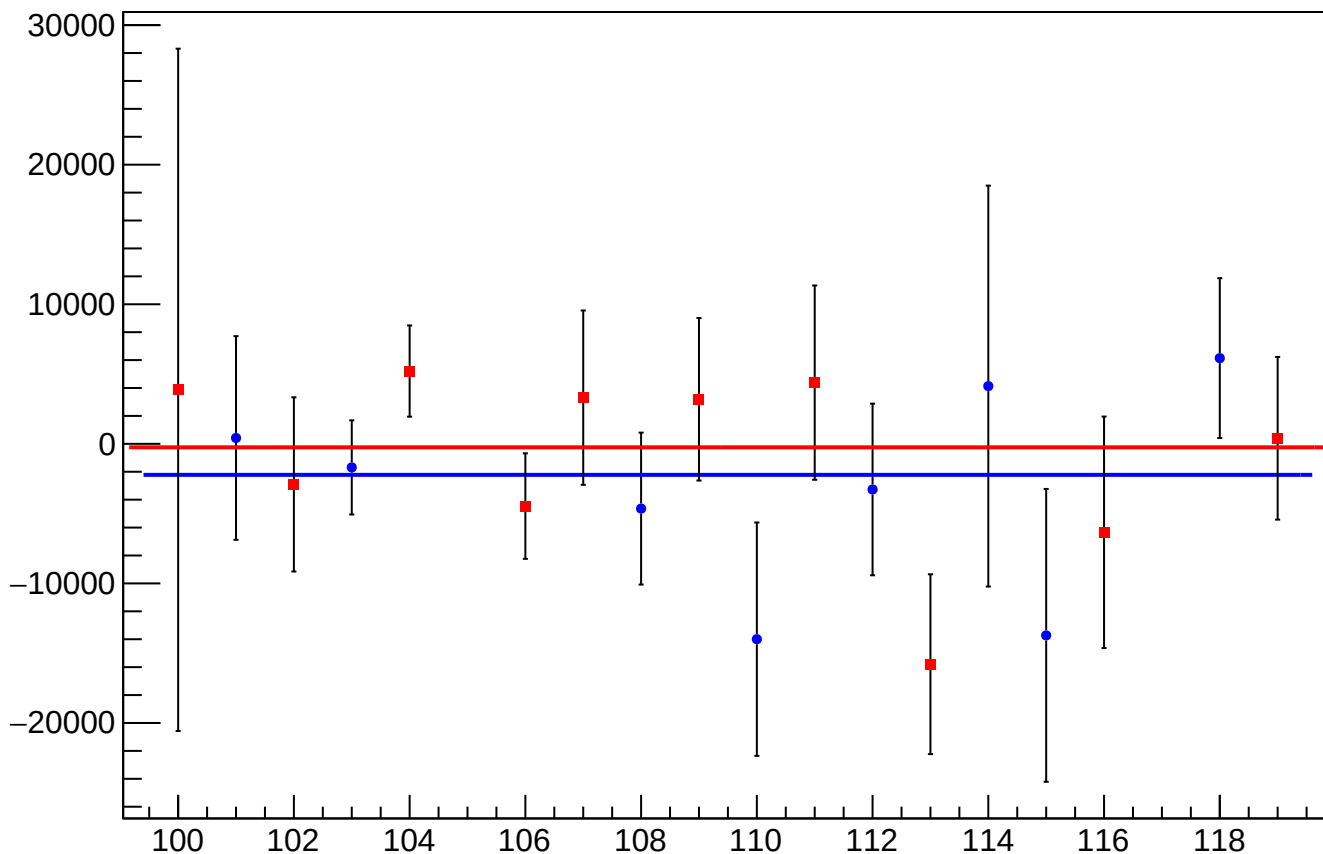
Right: 1864.337+/-0.506 χ^2/NDF : 841657.4/17

In: 1888.675+/-0.772 χ^2/NDF : 663030.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.337+/-0.506 χ^2/NDF : 841657.4/17

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2222.255+/-2105.239 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.349+/-1728.552 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

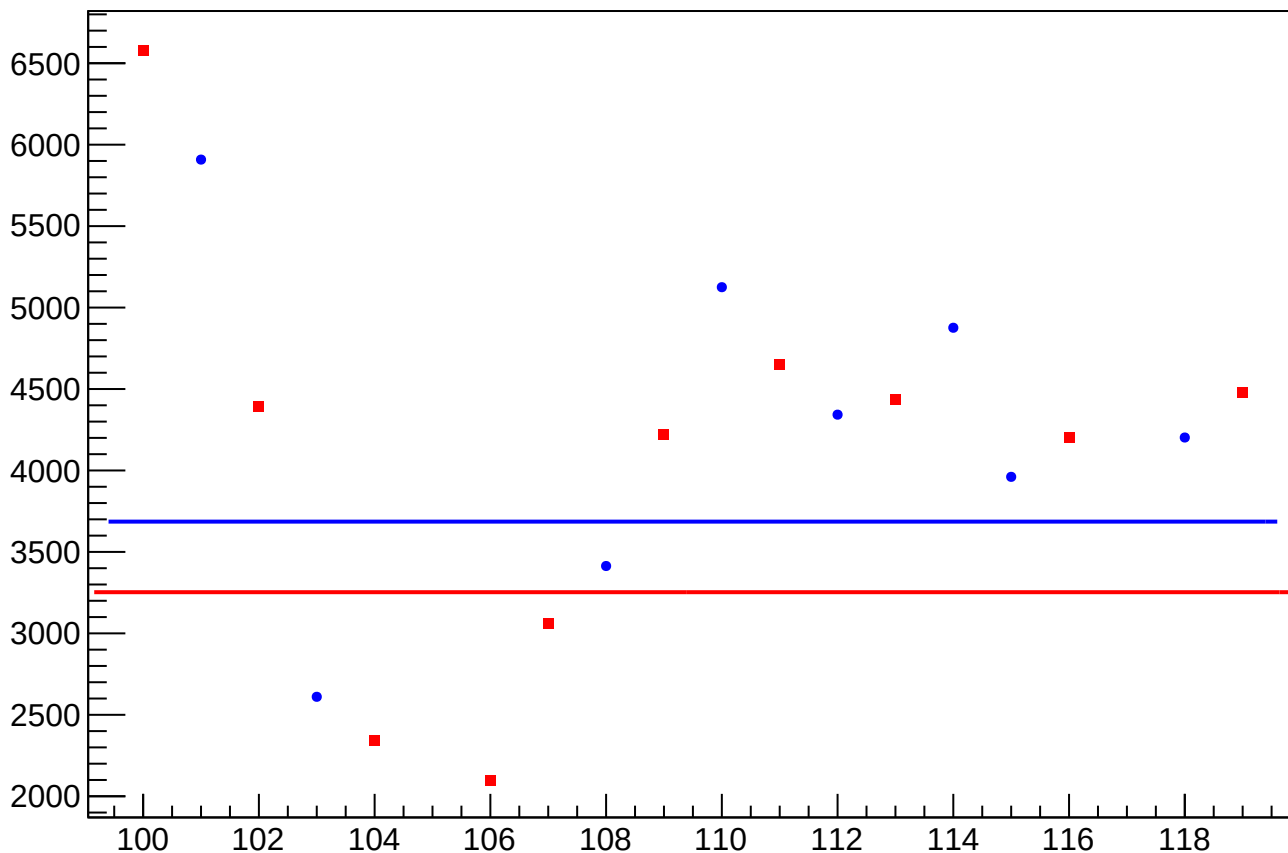
Right: -1044.406+/-1335.931 χ^2/NDF : 18.2/17

In: -2222.255+/-2105.239 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1044.406+/-1335.931 χ^2/NDF : 18.2/17

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3686.017+/-1.489 χ^2/NDF : 507364.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3252.749+/-1.222 χ^2/NDF : 766365.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

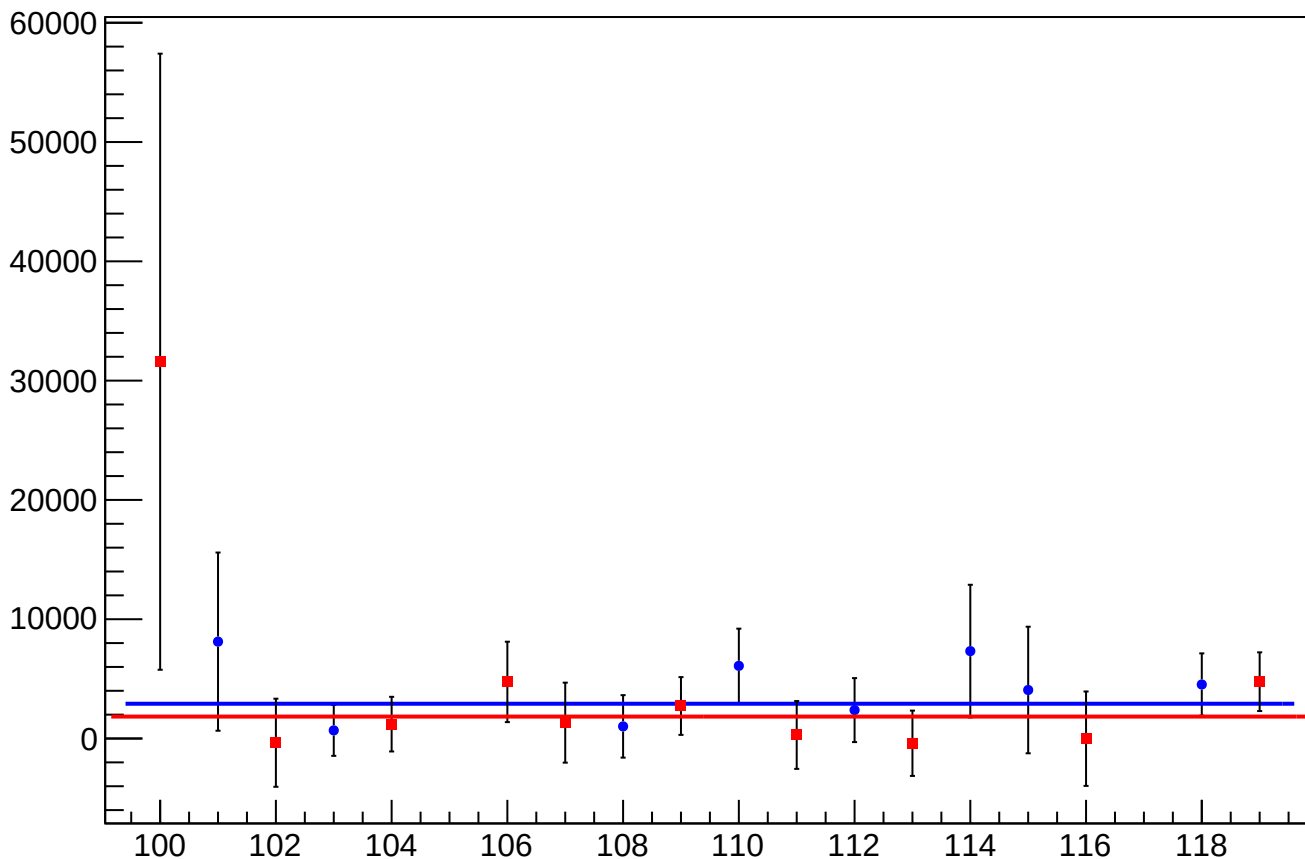
Right: 3427.219+/-0.945 χ^2/NDF : 1324328.8/17

In: 3686.017+/-1.489 χ^2/NDF :507364.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3427.219+/-0.945 χ^2/NDF : 1324328.8/17

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2915.174+/-1091.128 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.176+/-953.860 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

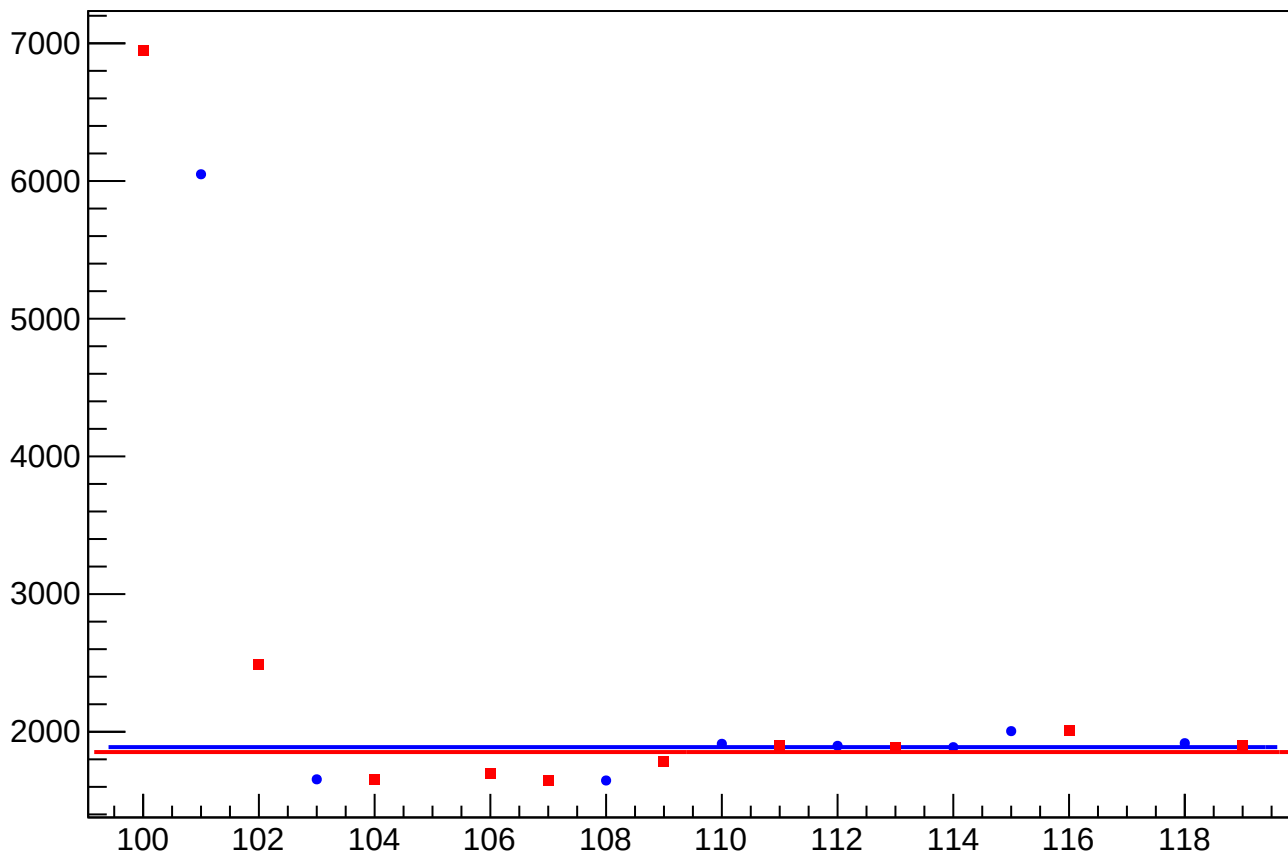
Right: 2305.274+/-718.139 χ^2/NDF : 10.0/17

In: 2915.174+/-1091.128 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.274+/-718.139 χ^2/NDF : 10.0/17

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.676+/-0.772 χ^2/NDF : 663029.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.819+/-0.673 χ^2/NDF : 171753.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

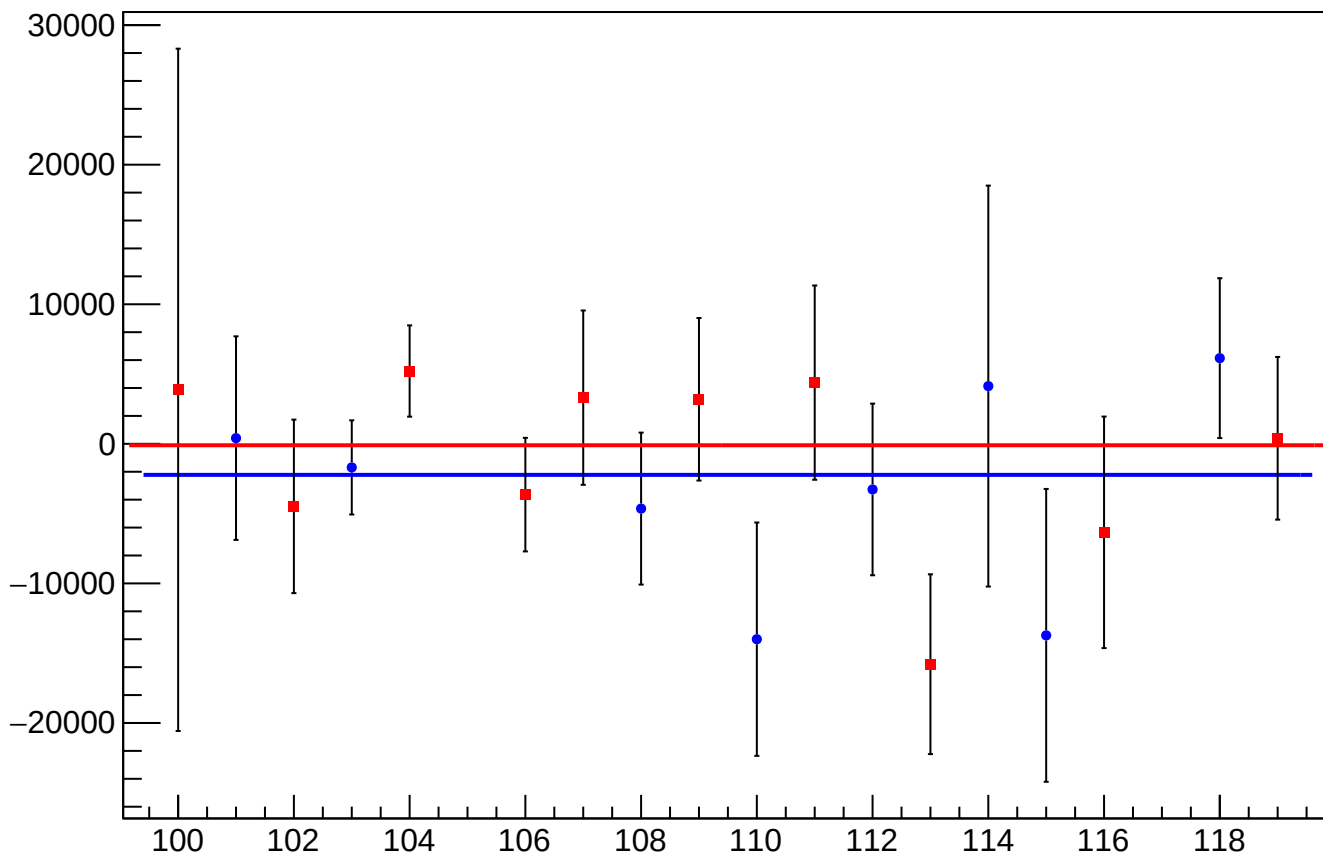
Right: 1868.301+/-0.507 χ^2/NDF : 836010.7/17

In: 1888.676+/-0.772 χ^2/NDF : 663029.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.301+/-0.507 χ^2/NDF : 836010.7/17

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2222.880+/-2105.246 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.246+/-1753.170 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

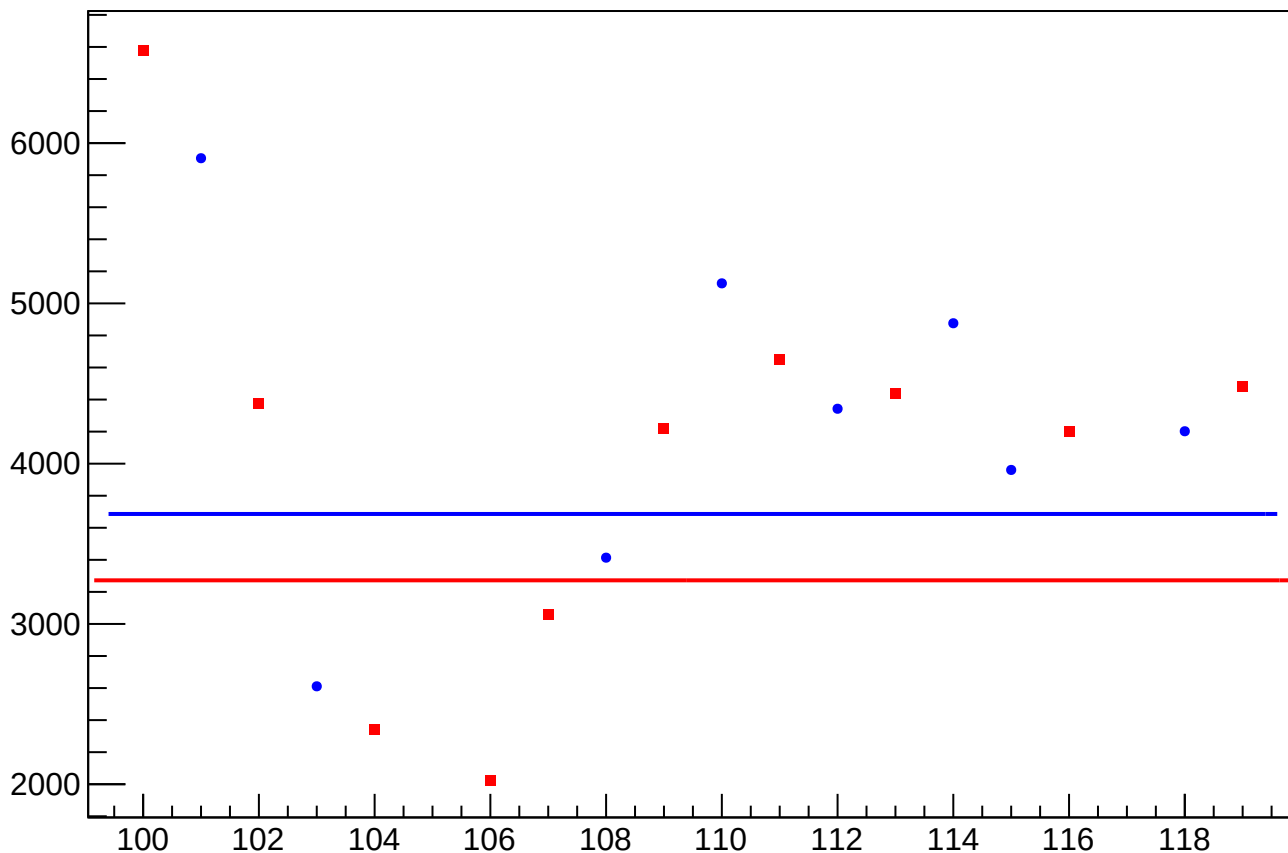
Right: -970.065+/-1347.200 χ^2/NDF : 18.0/17

In: -2222.880+/-2105.246 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -970.065+/-1347.200 χ^2/NDF : 18.0/17

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3686.179+/-1.489 χ^2/NDF : 506924.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3272.108+/-1.240 χ^2/NDF : 759756.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

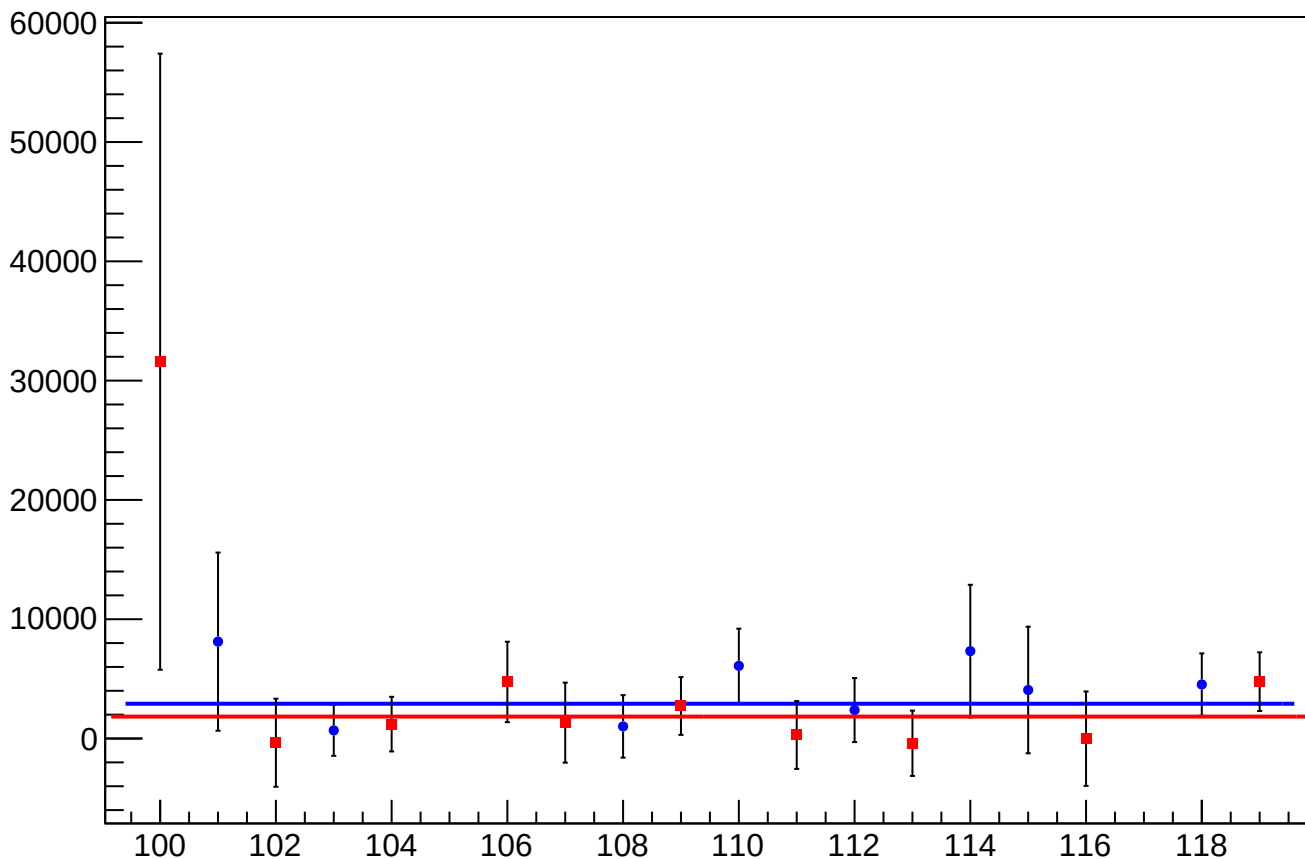
Right: 3441.672+/-0.953 χ^2/NDF : 1312367.8/17

In: 3686.179+/-1.489 χ^2/NDF : 506924.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3441.672+/-0.953 χ^2/NDF : 1312367.8/17

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 2915.174+/-1091.128 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.176+/-953.860 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

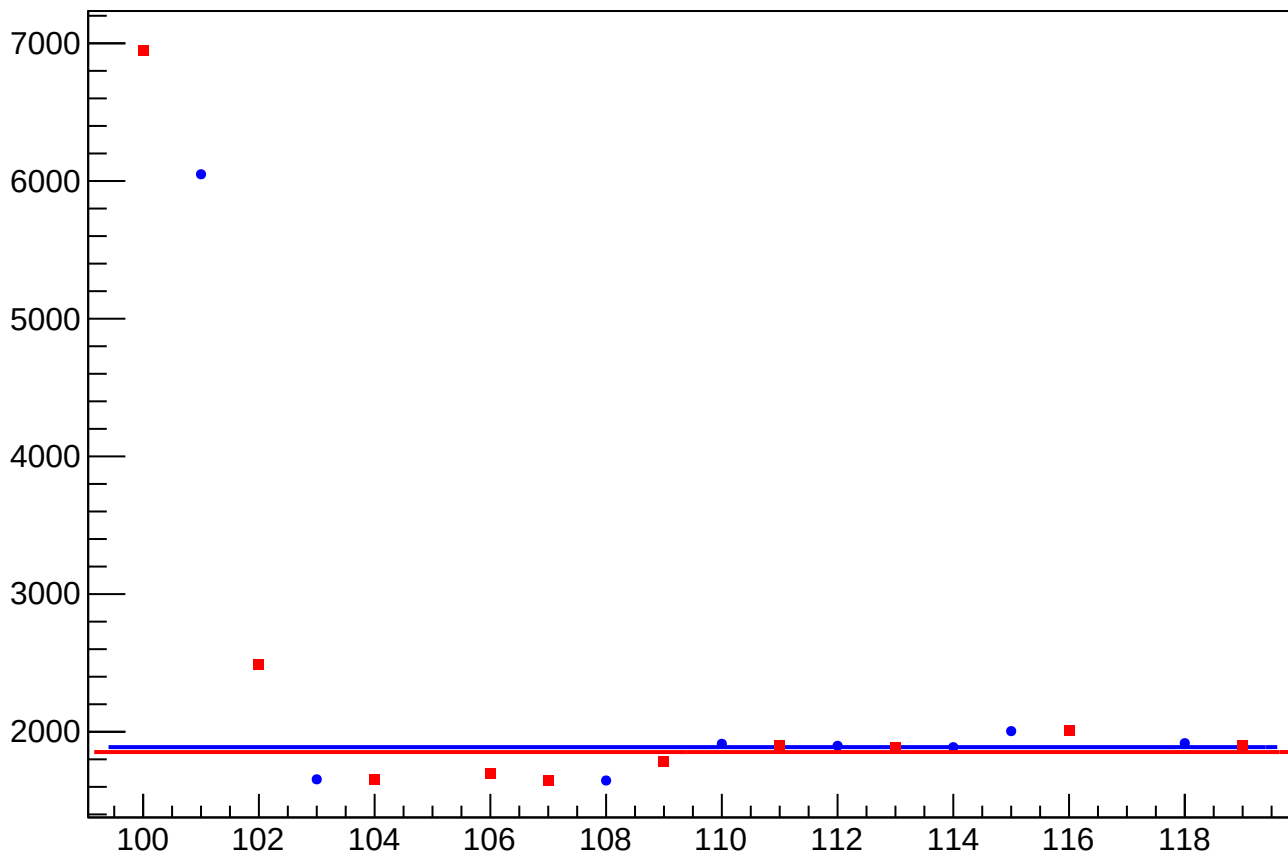
Right: 2305.274+/-718.139 χ^2/NDF : 10.0/17

In: 2915.174+/-1091.128 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.274+/-718.139 χ^2/NDF : 10.0/17

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1888.676+/-0.772 χ^2/NDF : 663029.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.819+/-0.673 χ^2/NDF : 171753.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

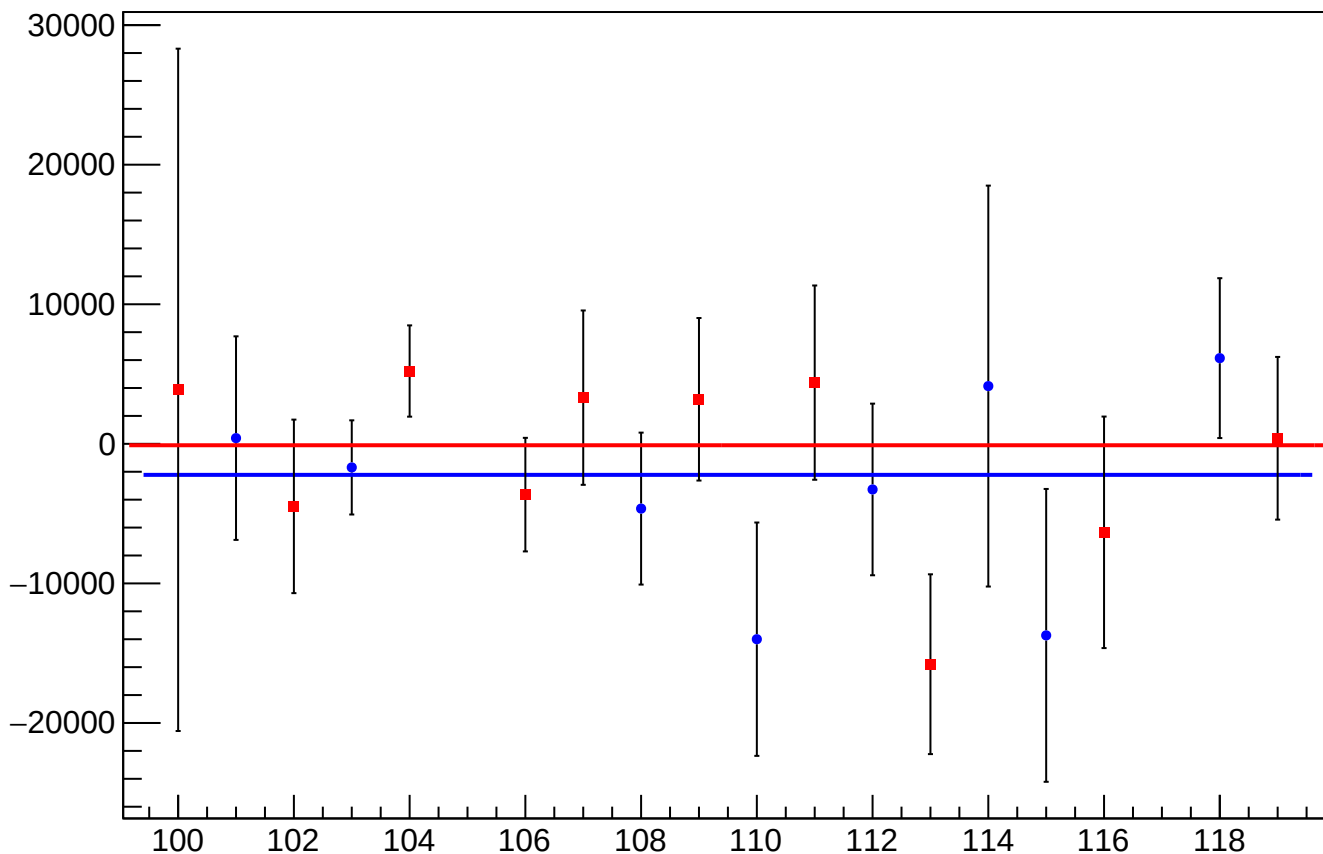
Right: 1868.301+/-0.507 χ^2/NDF : 836010.7/17

In: 1888.676+/-0.772 χ^2/NDF : 663029.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1868.301+/-0.507 χ^2/NDF : 836010.7/17

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2222.880+/-2105.246 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -101.246+/-1753.170 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

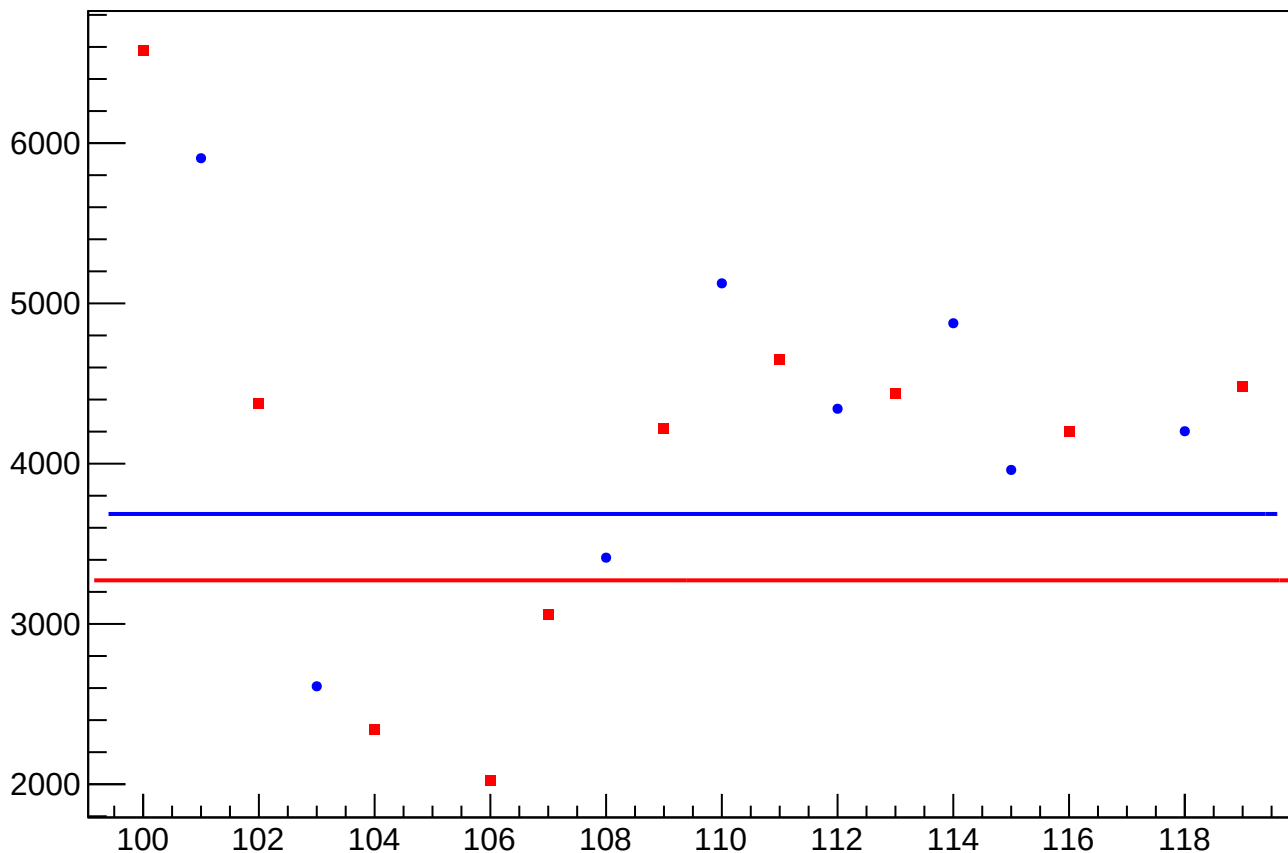
Right: -970.065+/-1347.200 χ^2/NDF : 18.0/17

In: -2222.880+/-2105.246 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -970.065+/-1347.200 χ^2/NDF : 18.0/17

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3686.179+/-1.489 χ^2/NDF : 506924.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3272.108+/-1.240 χ^2/NDF : 759756.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

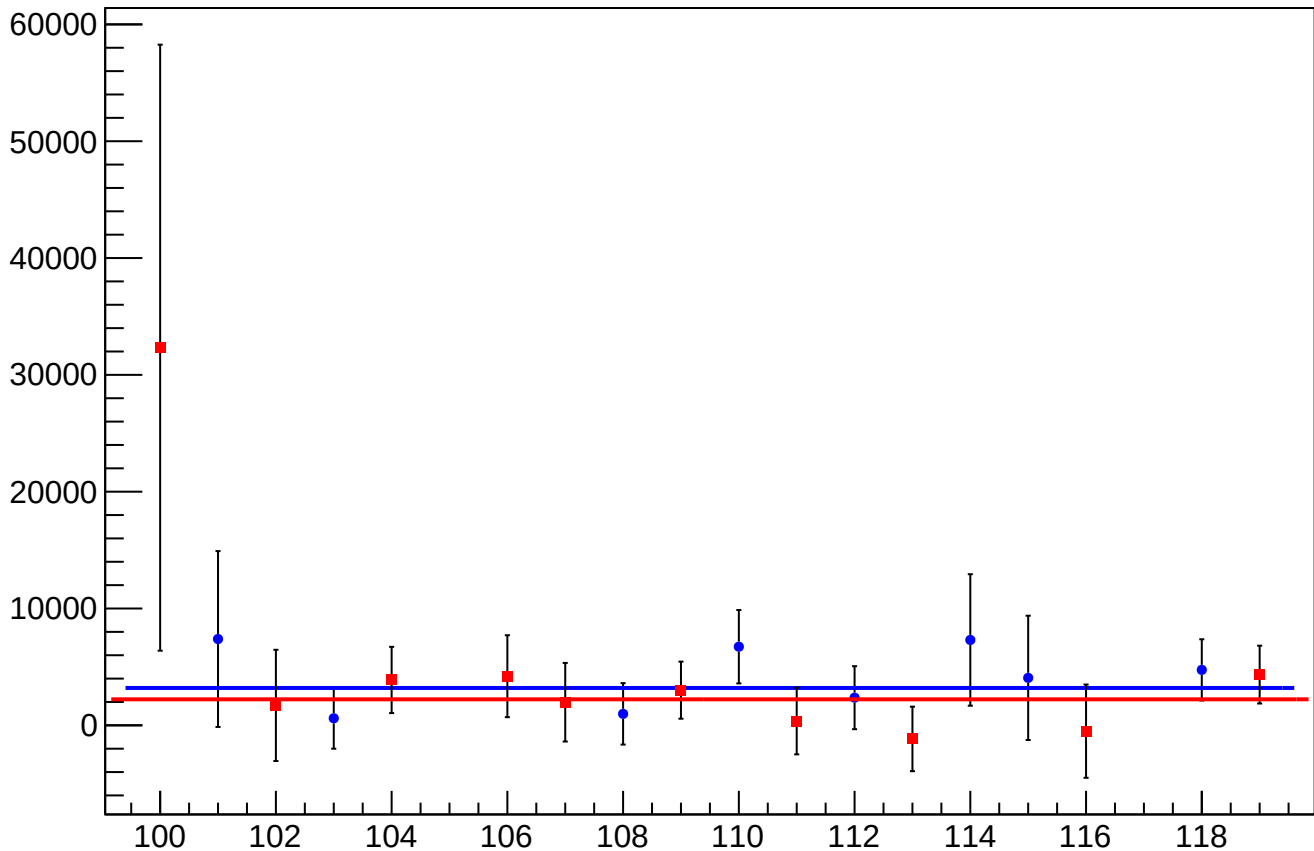
Right: 3441.672+/-0.953 χ^2/NDF : 1312367.8/17

In: 3686.179+/-1.489 χ^2/NDF :506924.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3441.672+/-0.953 χ^2/NDF : 1312367.8/17

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3199.076+/-1146.462 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.715+/-1006.574 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

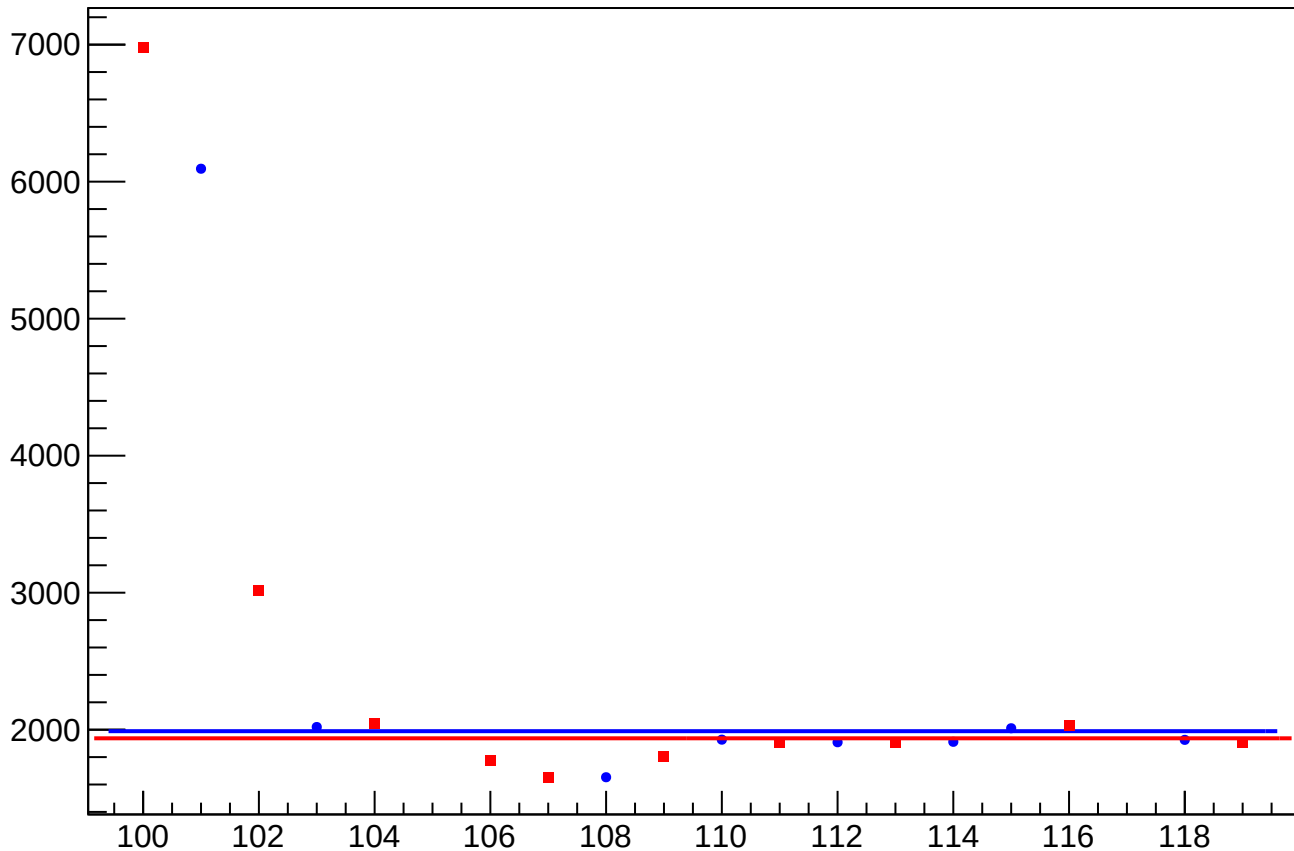
Right: 2649.984+/-756.405 χ^2/NDF : 9.9/17

In: 3199.076+/-1146.462 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2649.984+/-756.405 χ^2/NDF : 9.9/17

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1989.290+/-0.811 χ^2/NDF : 631914.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1937.174+/-0.711 χ^2/NDF : 208502.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

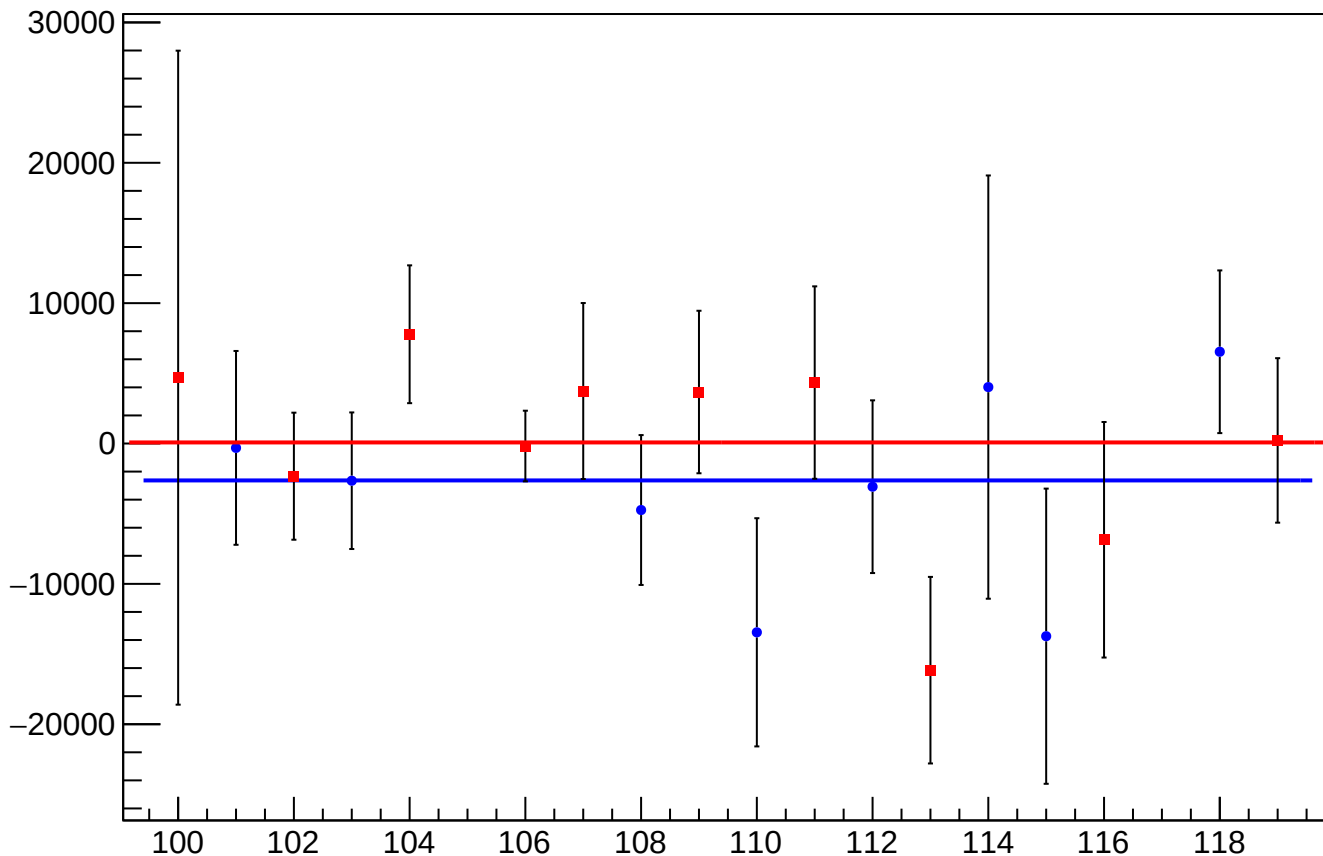
Right: 1959.818+/-0.534 χ^2/NDF : 842754.2/17

In: 1989.290+/-0.811 χ^2/NDF : 631914.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.818+/-0.534 χ^2/NDF : 842754.2/17

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2630.057+/-2337.276 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.491+/-1595.925 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

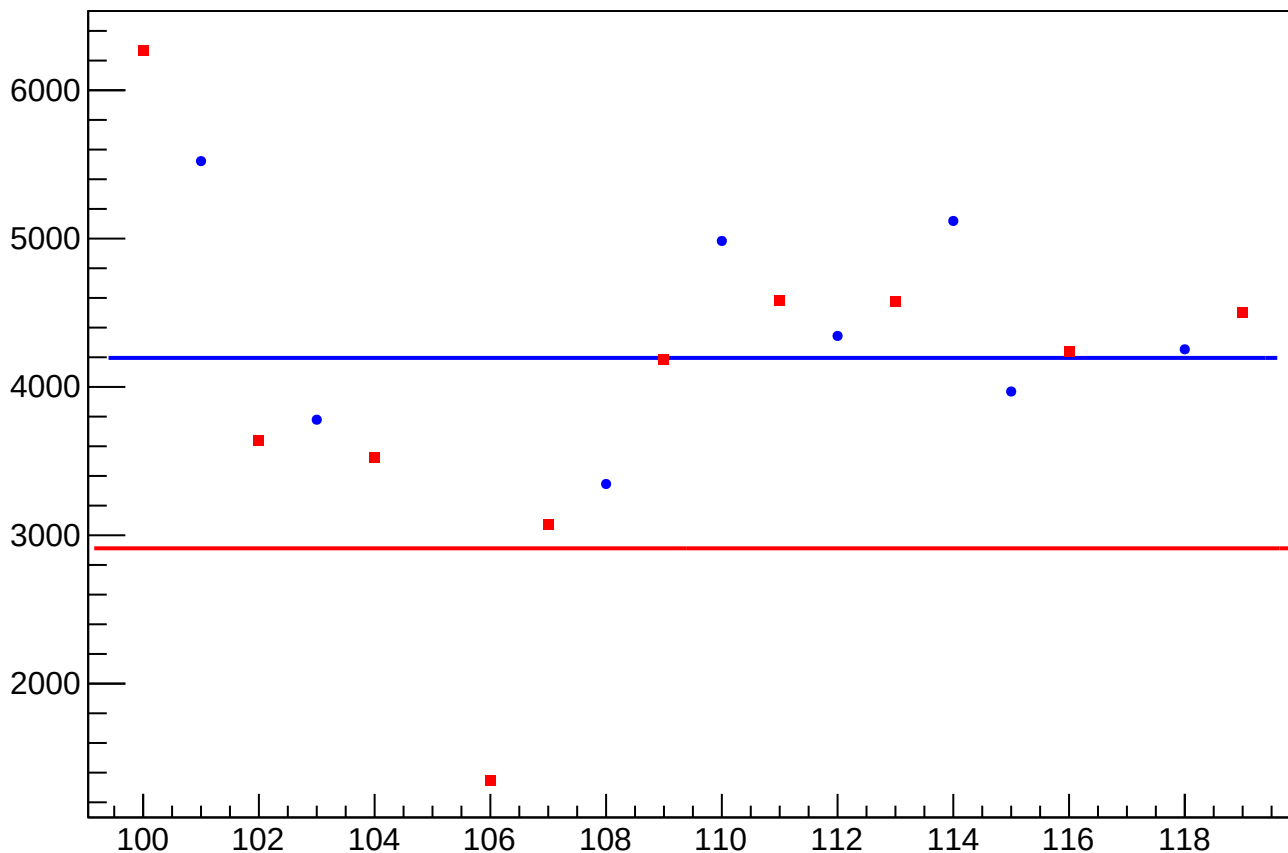
Right: -784.141+/-1317.986 χ^2/NDF : 17.3/17

In: -2630.057+/-2337.276 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -784.141+/-1317.986 χ^2/NDF : 17.3/17

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4195.659+/-1.653 χ^2/NDF : 167754.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2912.130+/-1.128 χ^2/NDF : 1436564.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

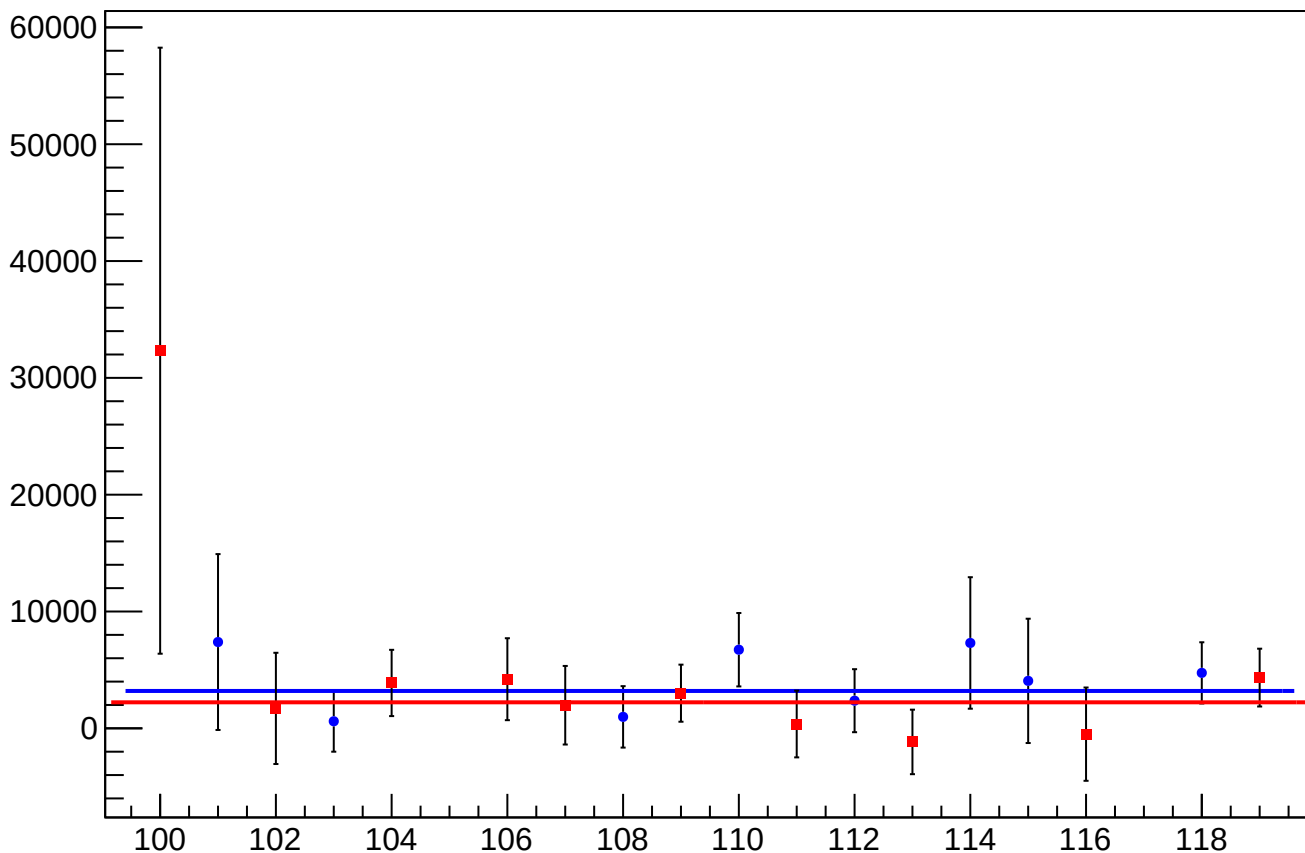
Right: 3320.268+/-0.932 χ^2/NDF : 2015674.4/17

In: 4195.659+/-1.653 χ^2/NDF : 167754.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3320.268+/-0.932 χ^2/NDF : 2015674.4/17

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3199.078+/-1146.462 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.719+/-1006.574 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

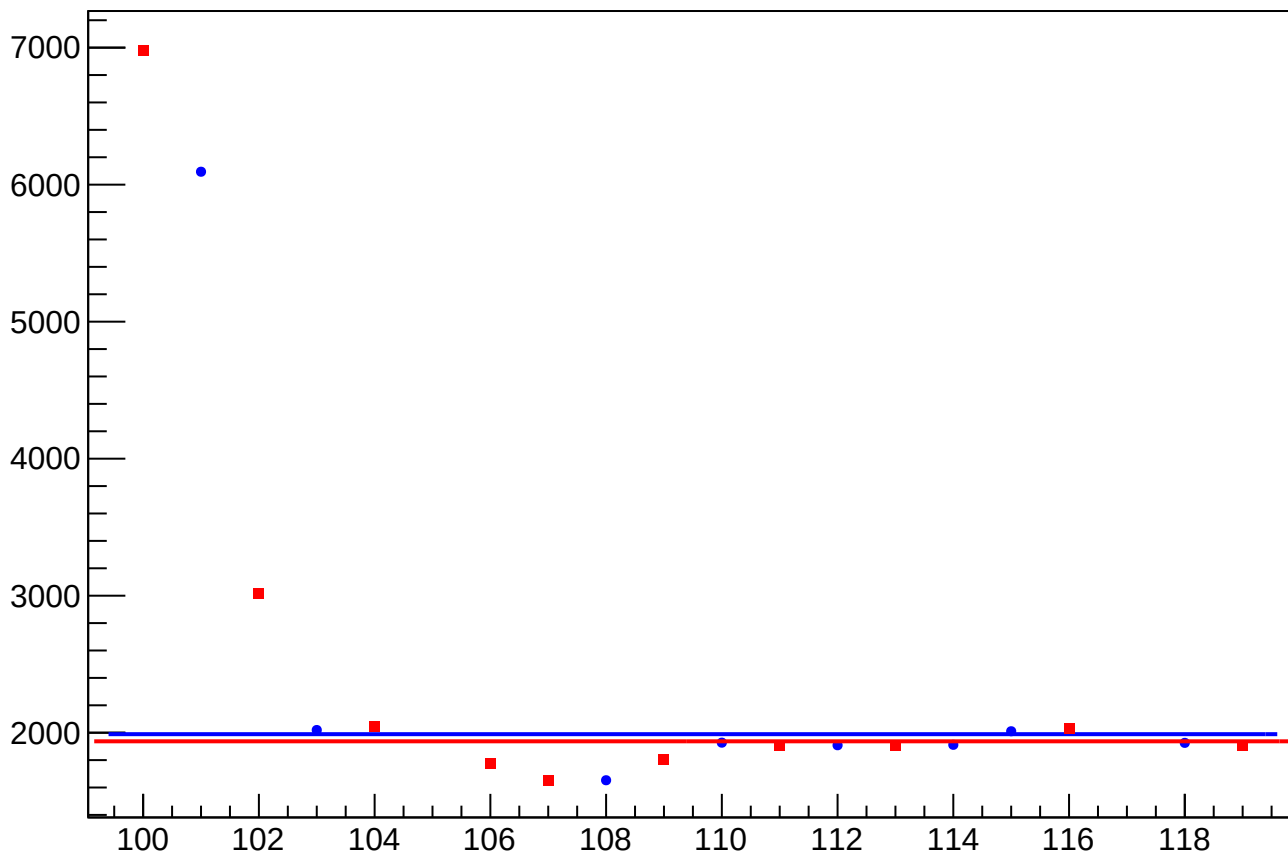
Right: 2649.988+/-756.405 χ^2/NDF : 9.9/17

In: 3199.078+/-1146.462 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2649.988+/-756.405 χ^2/NDF : 9.9/17

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1989.289+/-0.811 χ^2/NDF : 631914.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1937.173+/-0.711 χ^2/NDF : 208502.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

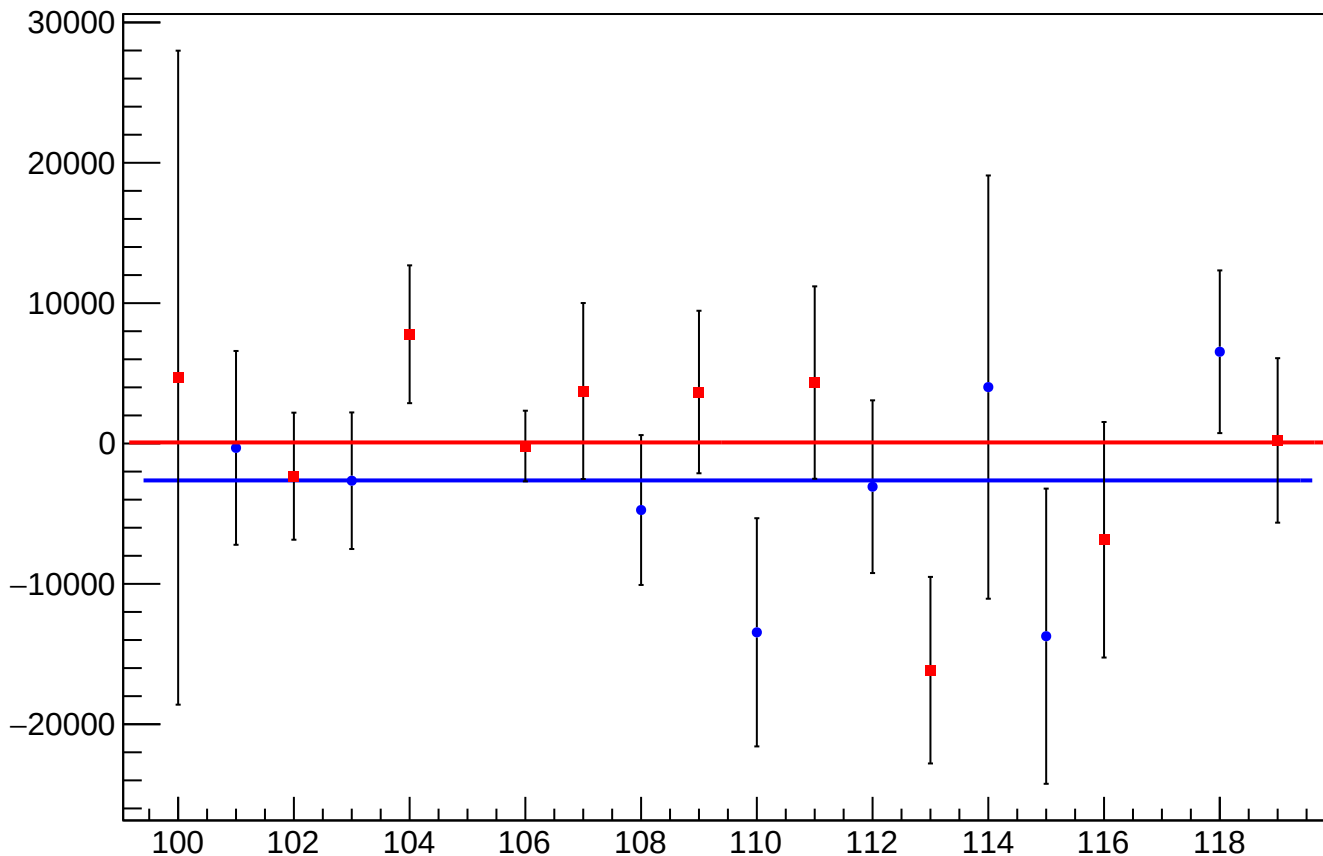
Right: 1959.817+/-0.534 χ^2/NDF : 842753.8/17

In: 1989.289+/-0.811 χ^2/NDF : 631914.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.817+/-0.534 χ^2/NDF : 842753.8/17

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2630.051+/-2337.273 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.488+/-1595.922 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

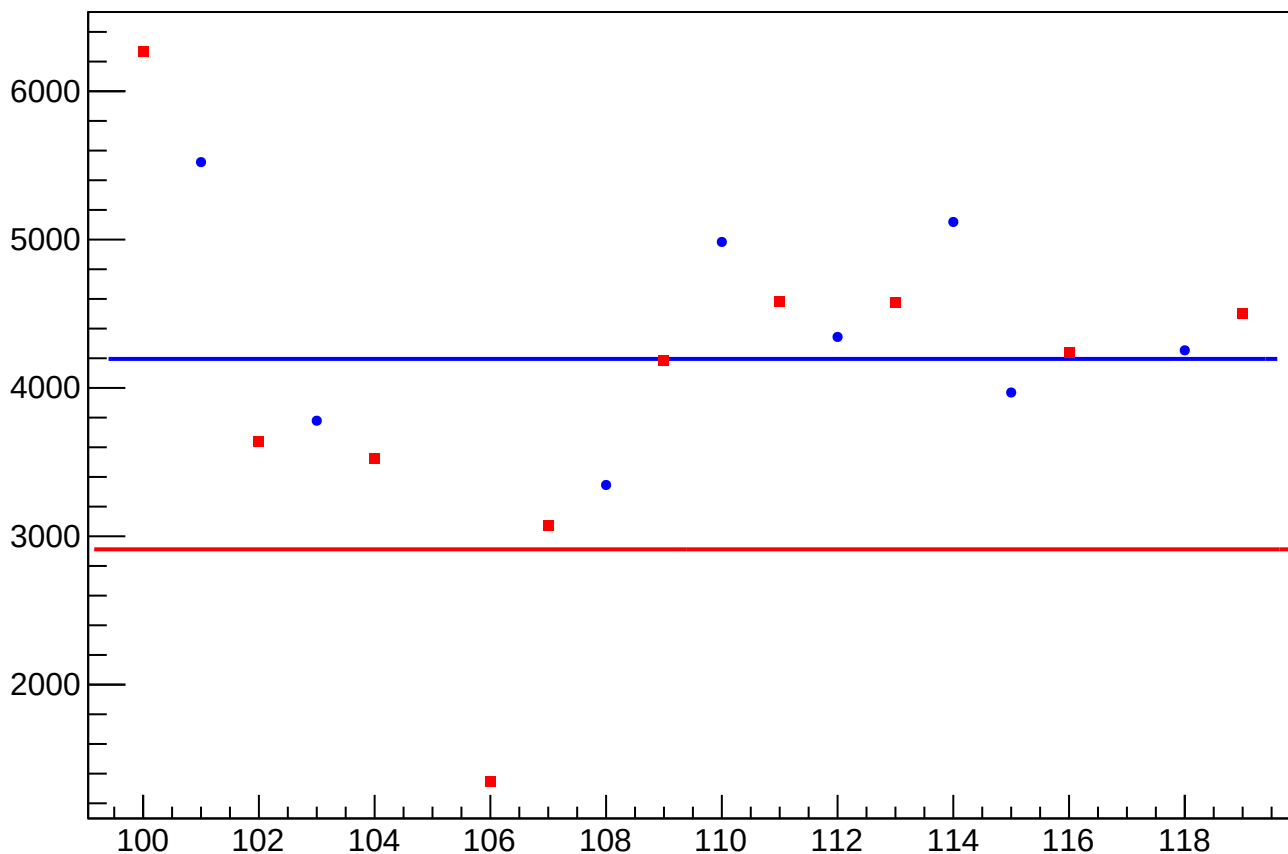
Right: -784.139+/-1317.983 χ^2/NDF : 17.3/17

In: -2630.051+/-2337.273 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -784.139+/-1317.983 χ^2/NDF : 17.3/17

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4195.654+/-1.653 χ^2/NDF : 167752.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2912.123+/-1.128 χ^2/NDF : 1436568.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

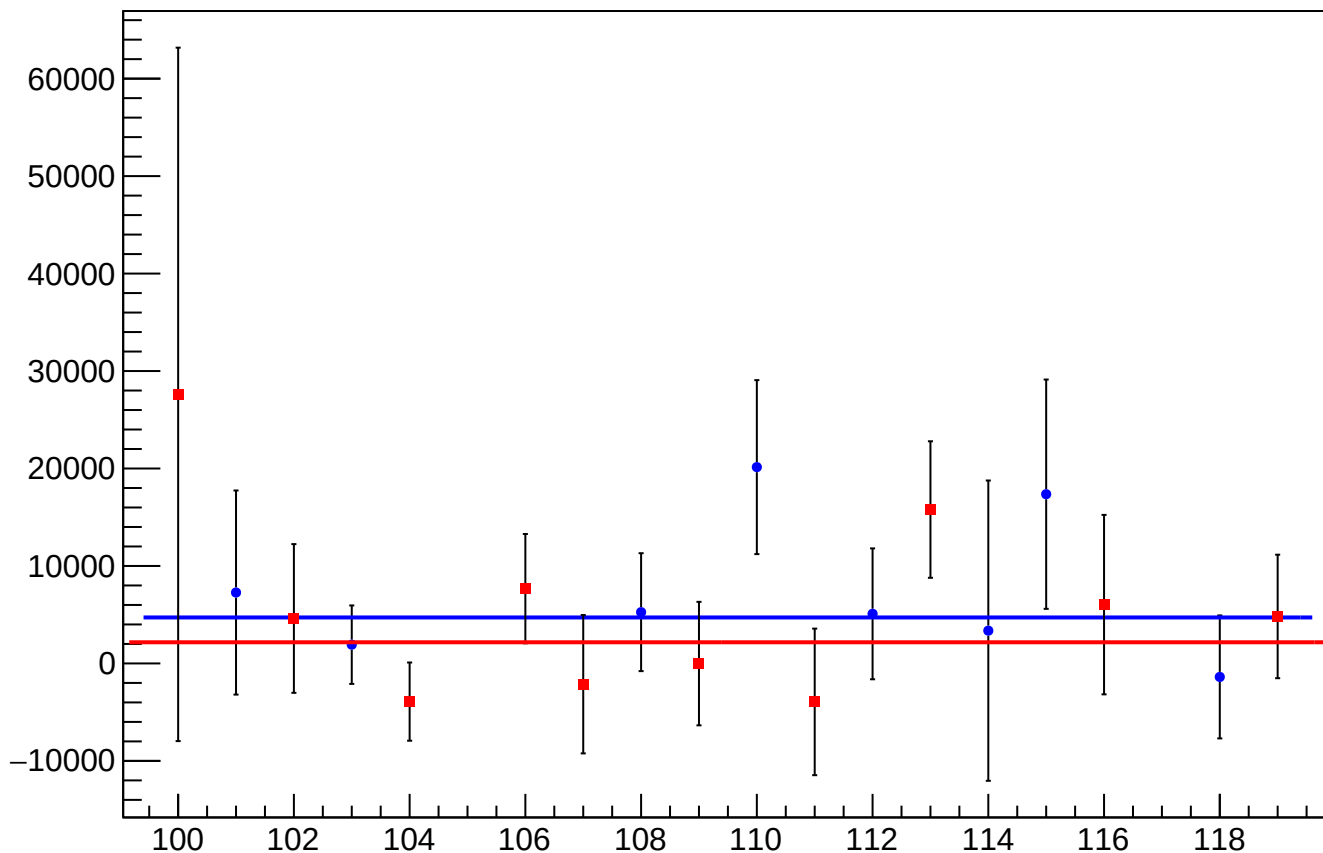
Right: 3320.261+/-0.932 χ^2/NDF : 2015678.7/17

In: 4195.654+/-1.653 χ^2/NDF : 167752.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3320.261+/-0.932 χ^2/NDF : 2015678.7/17

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4717.292+/-2429.058 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.008+/-2078.629 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

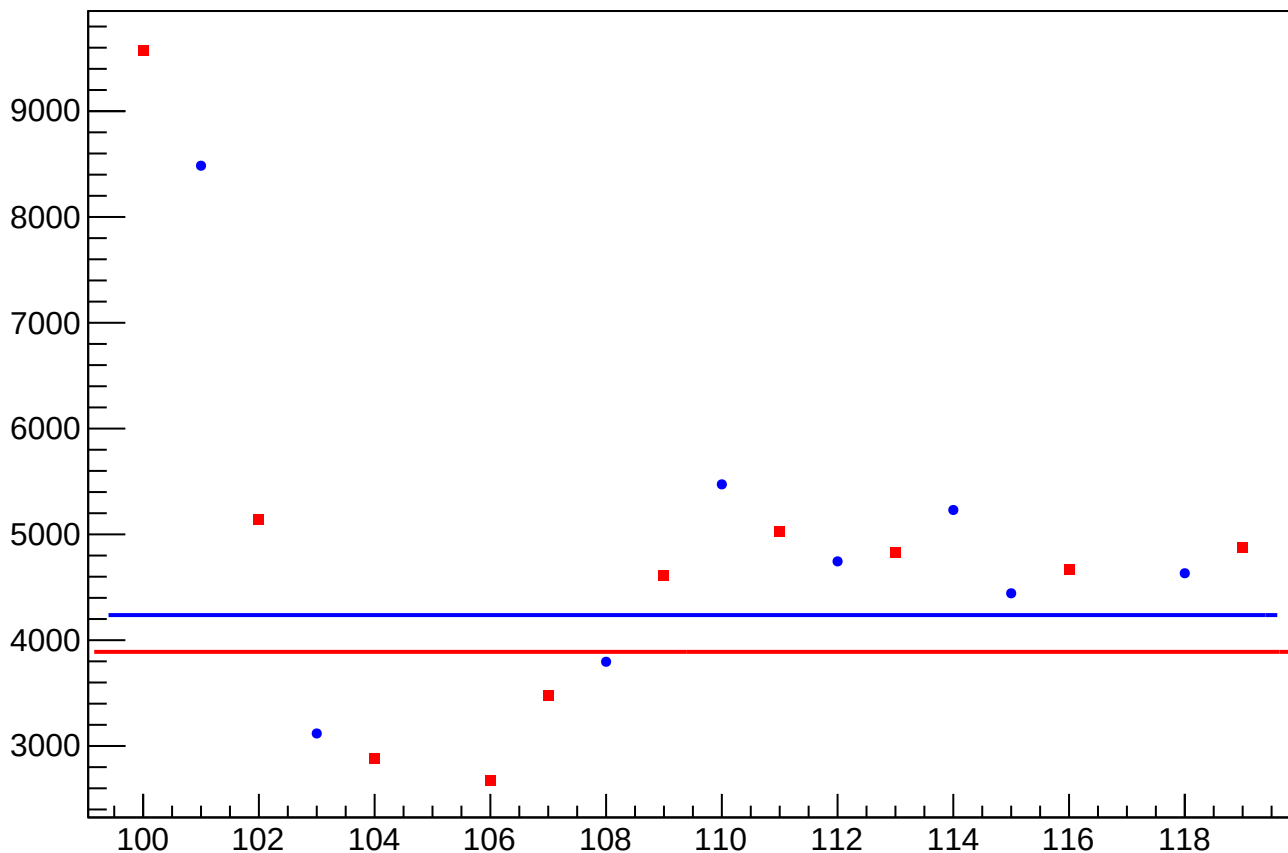
Right: 3247.390+/-1579.311 χ^2/NDF : 15.4/17

In: 4717.292+/-2429.058 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3247.390+/-1579.311 χ^2/NDF : 15.4/17

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4237.327+/-1.718 χ^2/NDF : 560798.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3889.702+/-1.450 χ^2/NDF : 519812.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

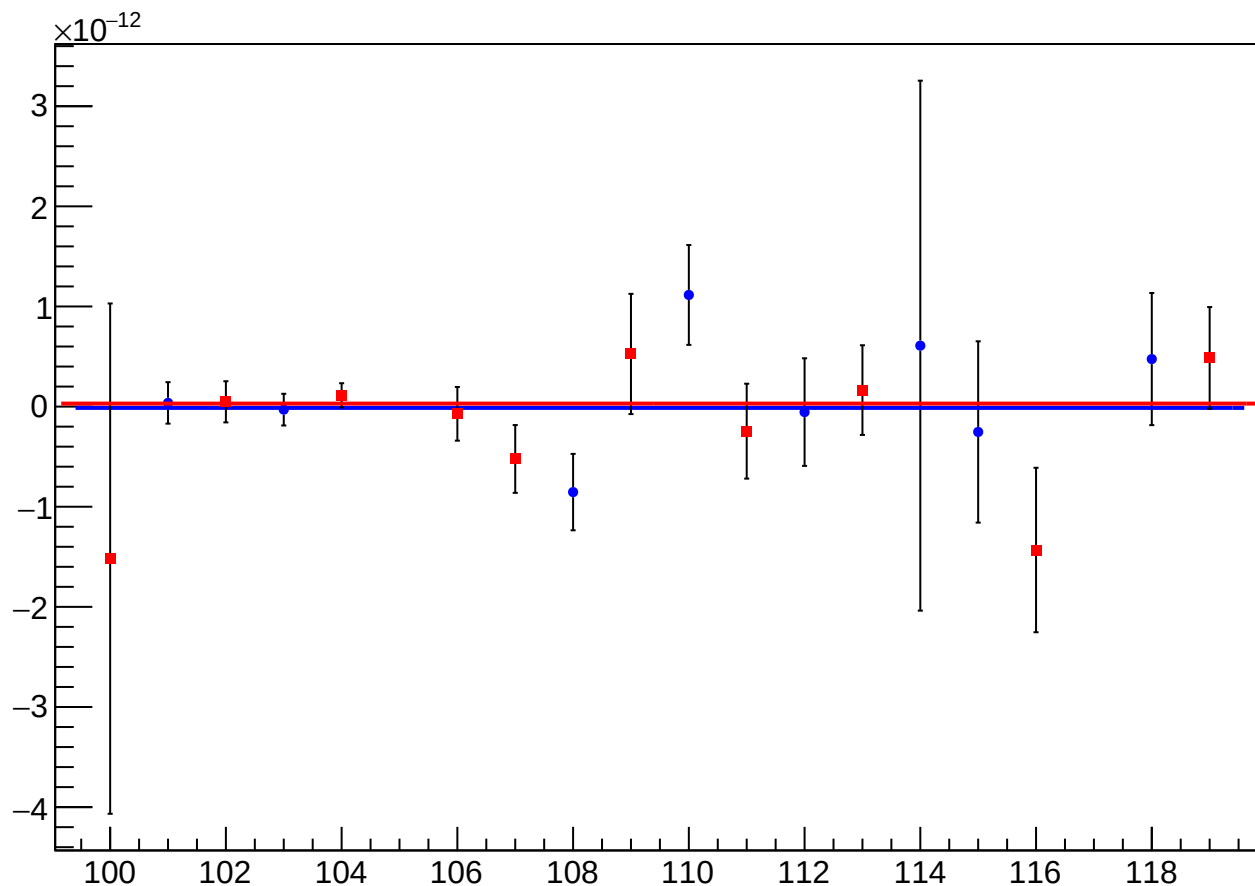
Right: 4034.389+/-1.108 χ^2/NDF : 1104522.9/17

In: 4237.327+/-1.718 χ^2/NDF : 560798.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4034.389+/-1.108 χ^2/NDF : 1104522.9/17

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

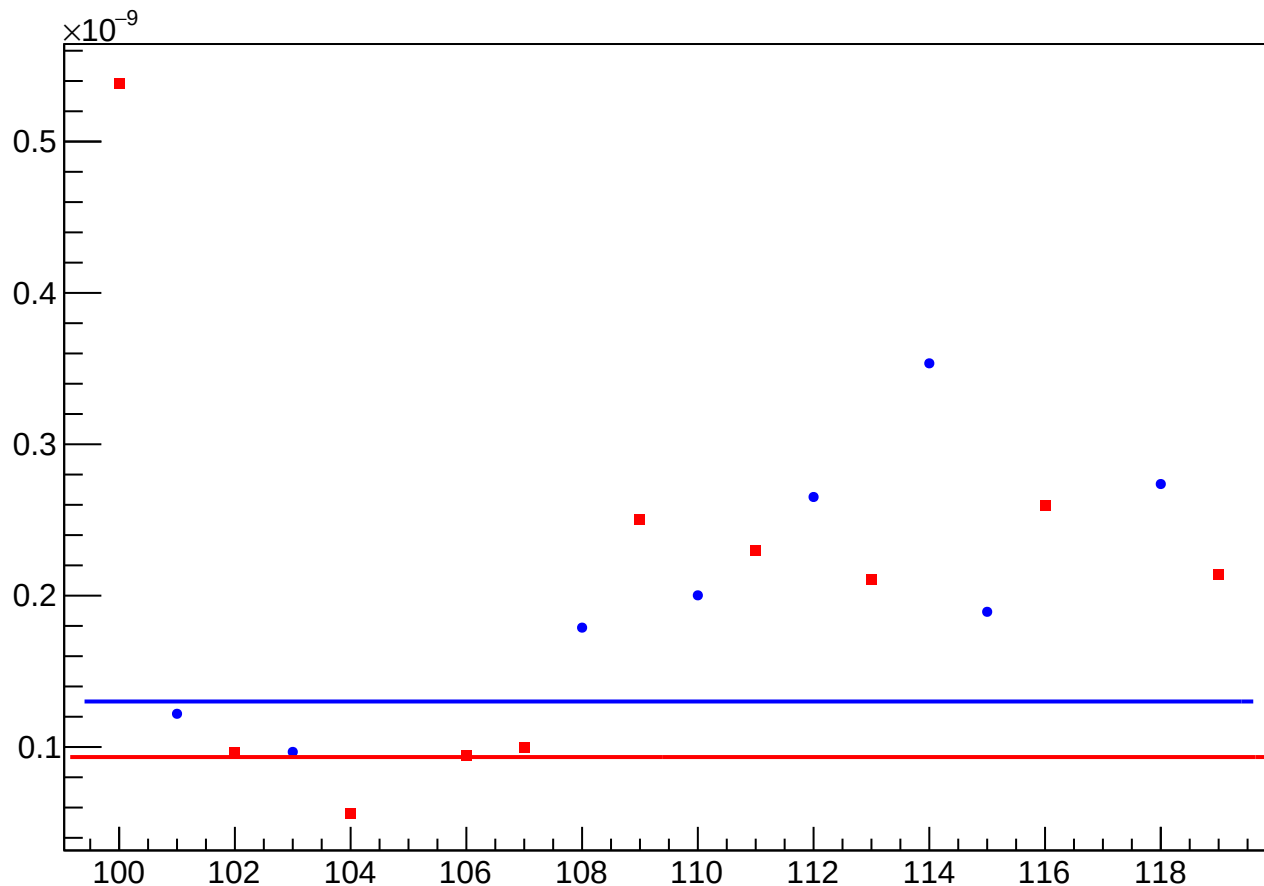
Right: 0.000+/-0.000 χ^2/NDF : 19.6/17

In: -0.000+/-0.000 χ^2/NDF : 10.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/17

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 408031.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 887591.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

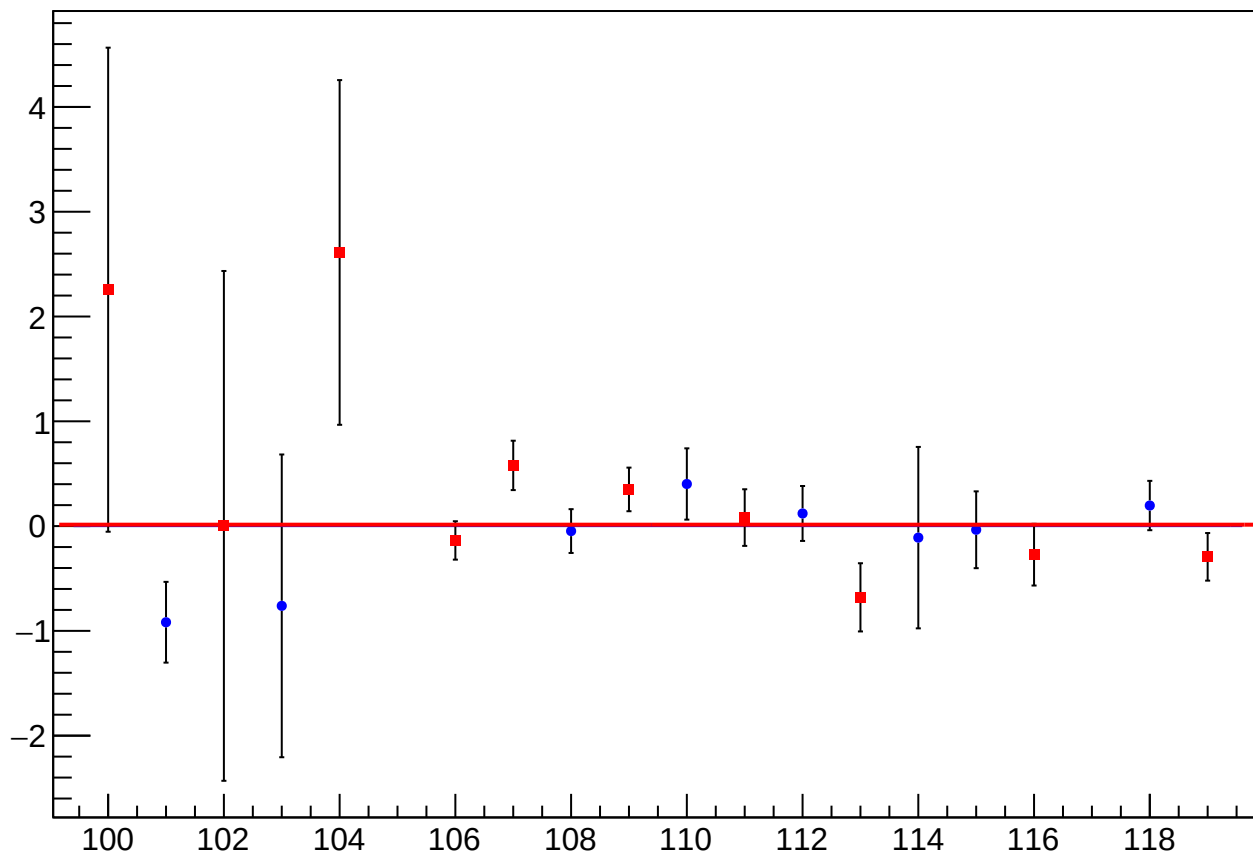
Right: 0.000+/-0.000 χ^2/NDF : 1431353.3/17

In: 0.000+/-0.000 χ^2/NDF : 408031.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1431353.3/17

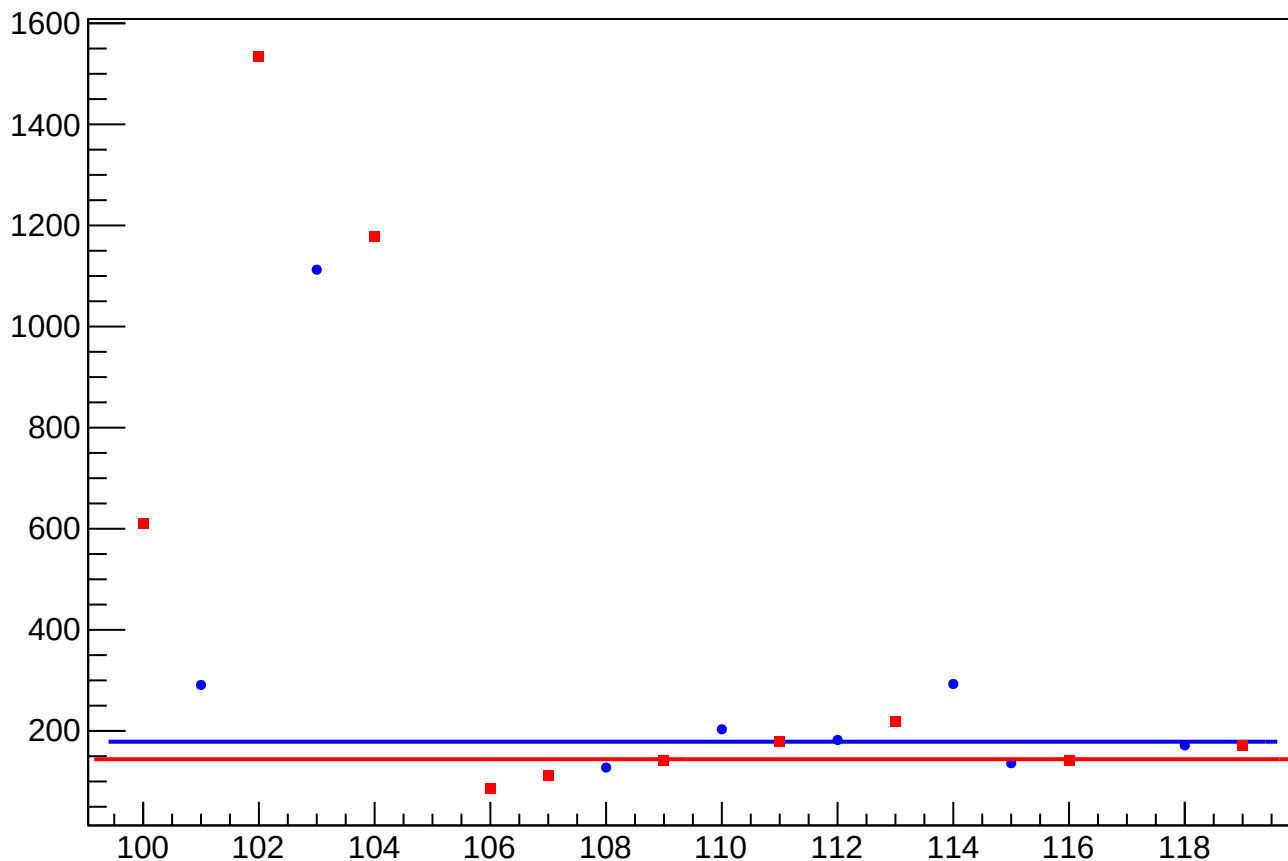
asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.112 χ^2/NDF : 8.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.013+/-0.089 χ^2/NDF : 19.9/9
 Left 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+/-0.070 χ^2/NDF : 28.2/17
 In: 0.009+/-0.112 χ^2/NDF : 8.3/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.012+/-0.070 χ^2/NDF : 28.2/17

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.705+/-0.079 χ^2/NDF : 1199220.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.086+/-0.063 χ^2/NDF : 1932131.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

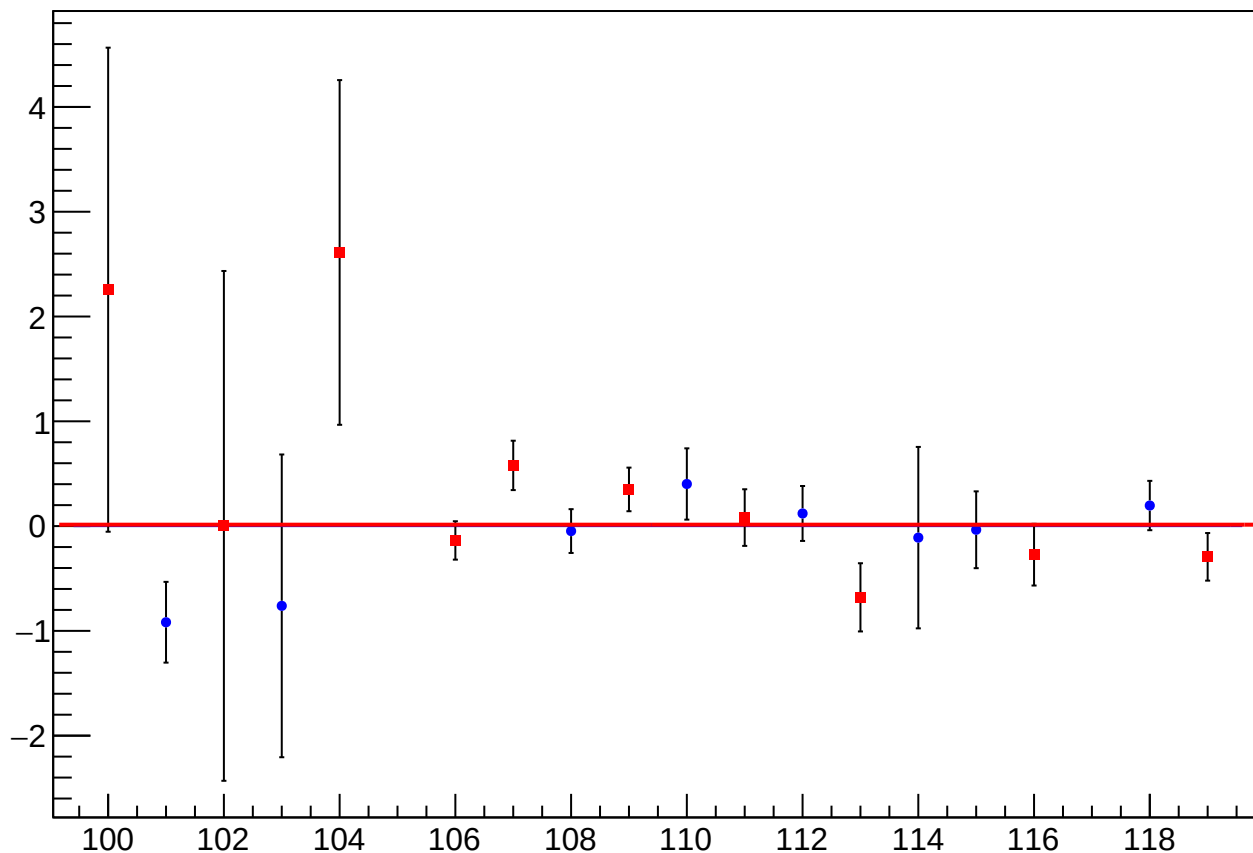
Right: 157.563+/-0.049 χ^2/NDF : 3248643.5/17

In: 178.705+/-0.079 χ^2/NDF : 1199220.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.563+/-0.049 χ^2/NDF : 3248643.5/17

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.089 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

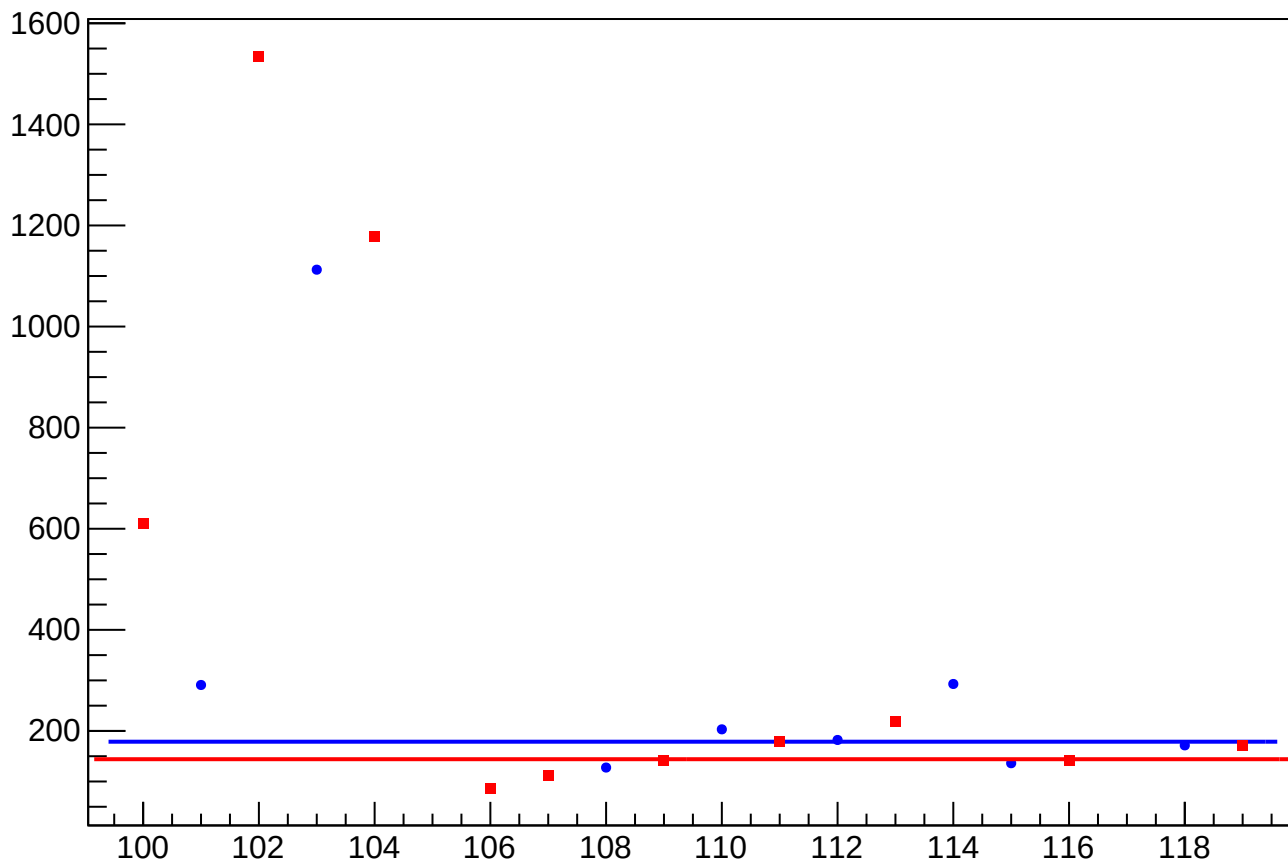
Right: 0.012+/-0.070 χ^2/NDF : 28.2/17

In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.070 χ^2/NDF : 28.2/17

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.705+/-0.079 χ^2/NDF : 1199220.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.086+/-0.063 χ^2/NDF : 1932131.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

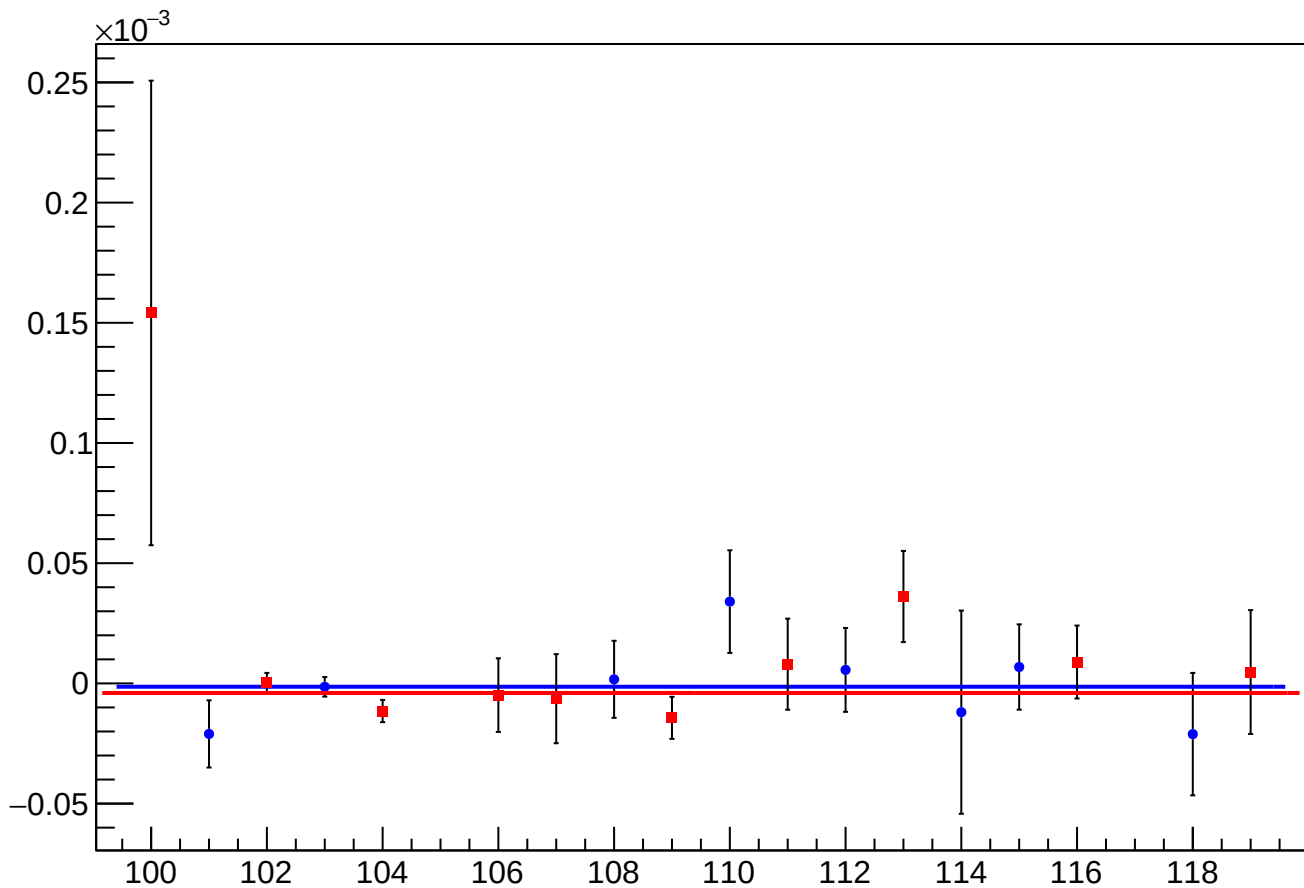
Right: 157.563+/-0.049 χ^2/NDF : 3248643.5/17

In: 178.705+/-0.079 χ^2/NDF : 1199220.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.563+/-0.049 χ^2/NDF : 3248643.5/17

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

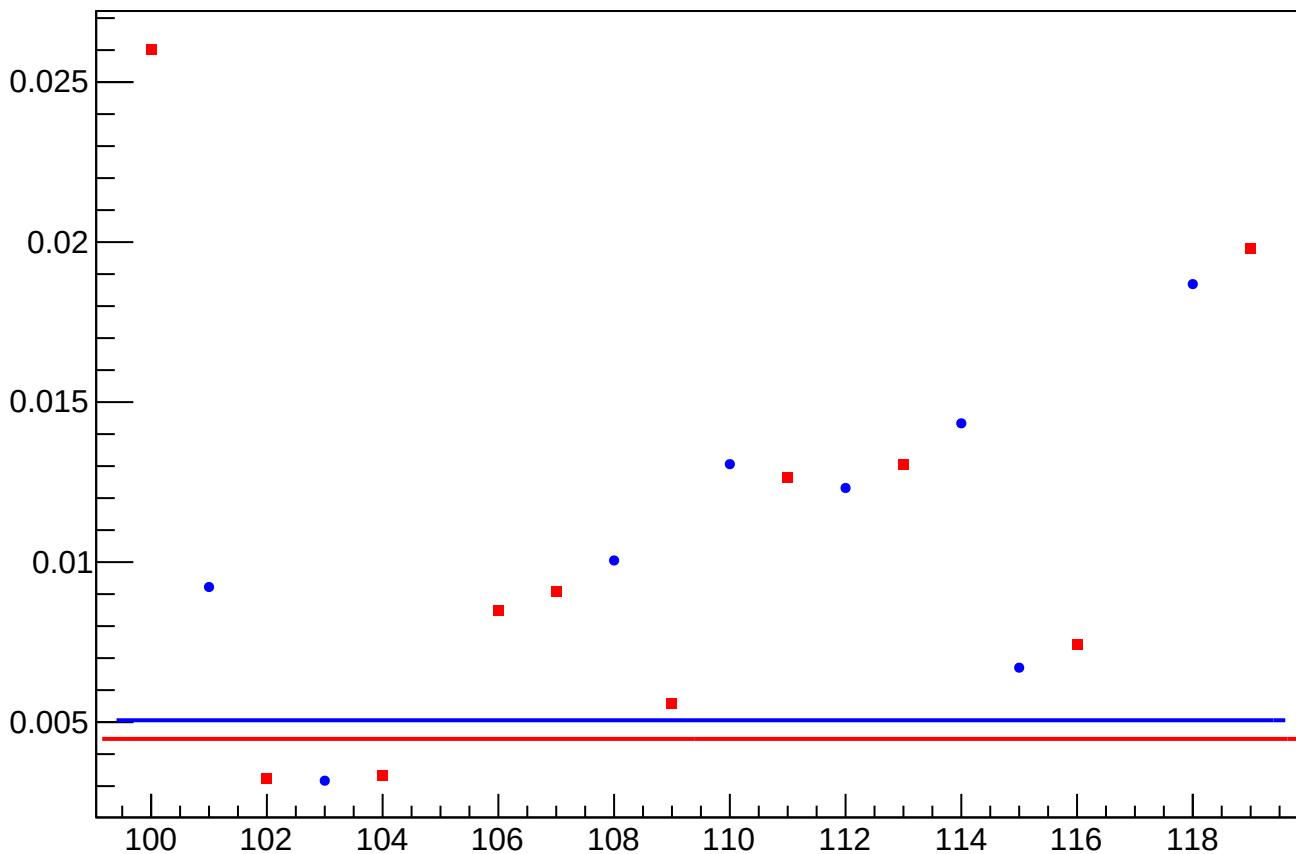
Right: -0.000+/-0.000 χ^2/NDF : 19.7/17

In: -0.000+/-0.000 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.7/17

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2115048.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2269077.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

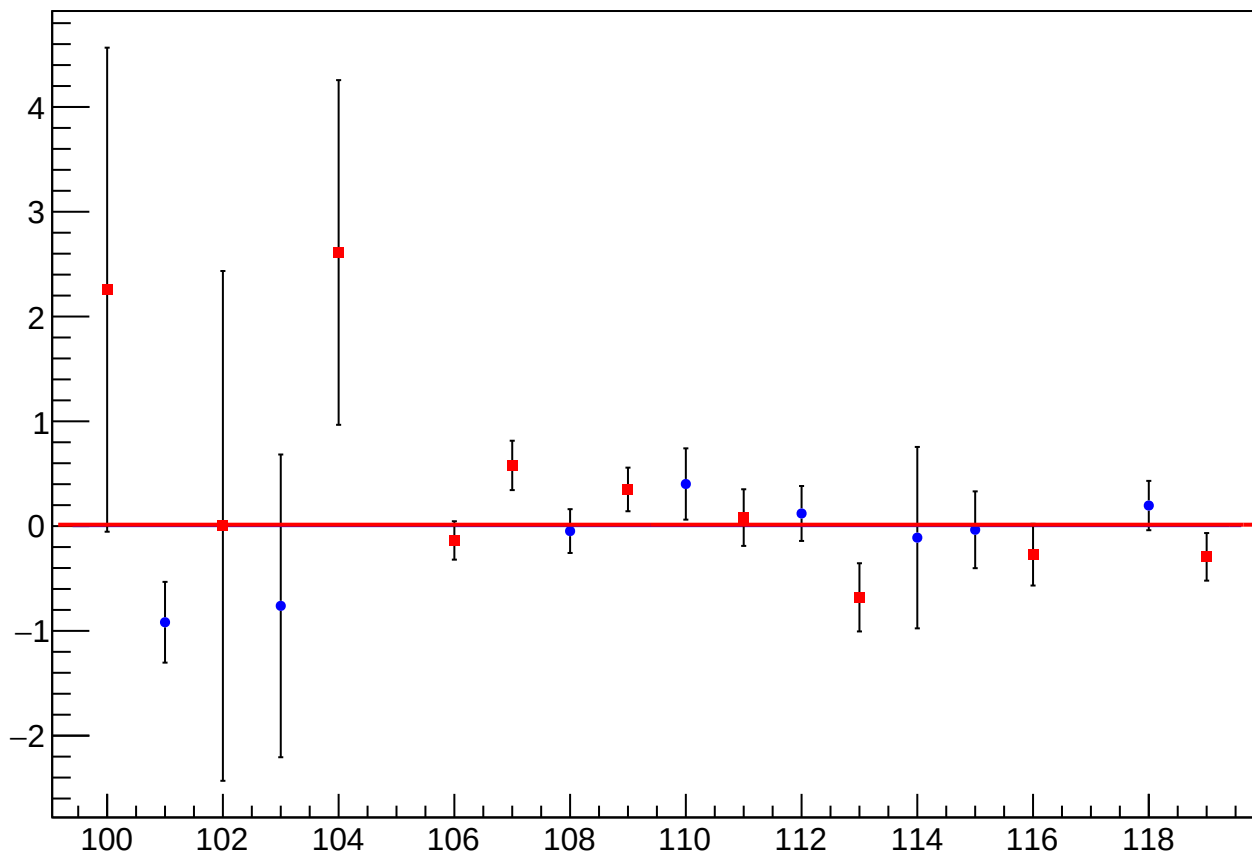
Right: 0.005+/-0.000 χ^2/NDF : 4418644.3/17

In: 0.005+/-0.000 χ^2/NDF :2115048.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4418644.3/17

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.089 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

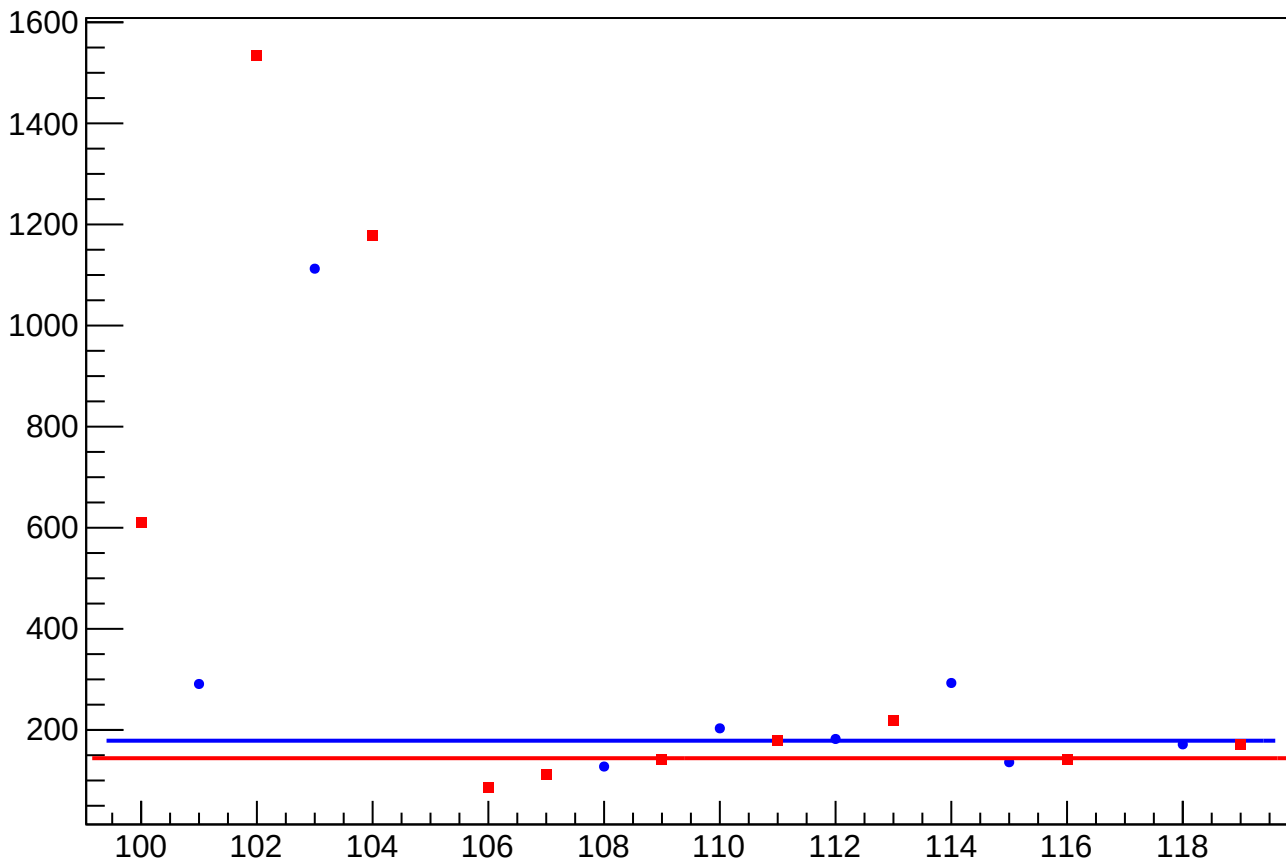
Right: 0.012+/-0.070 χ^2/NDF : 28.2/17

In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.070 χ^2/NDF : 28.2/17

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.705+/-0.079 χ^2/NDF : 1199228.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.087+/-0.063 χ^2/NDF : 1932131.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

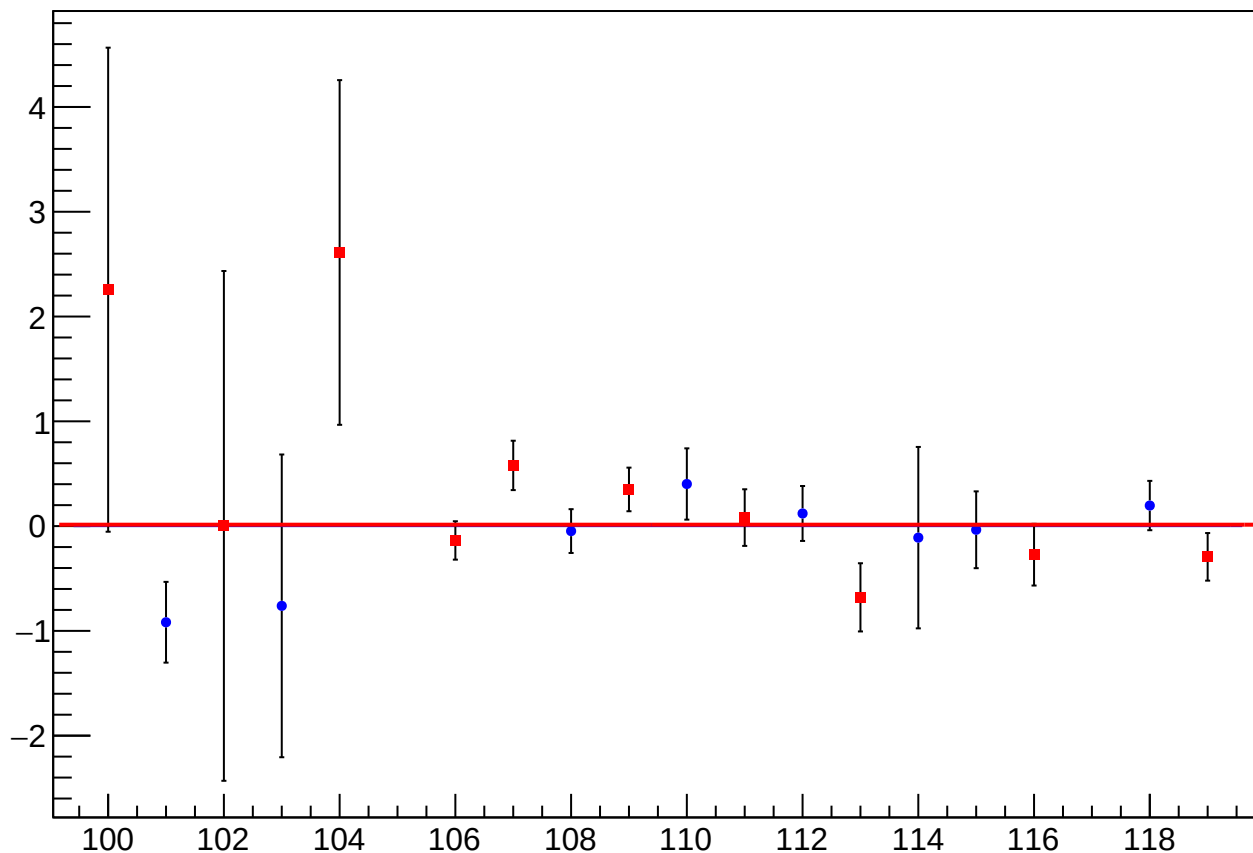
Right: 157.563+/-0.049 χ^2/NDF : 3248645.9/17

In: 178.705+/-0.079 χ^2/NDF : 1199228.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.563+/-0.049 χ^2/NDF : 3248645.9/17

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.089 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

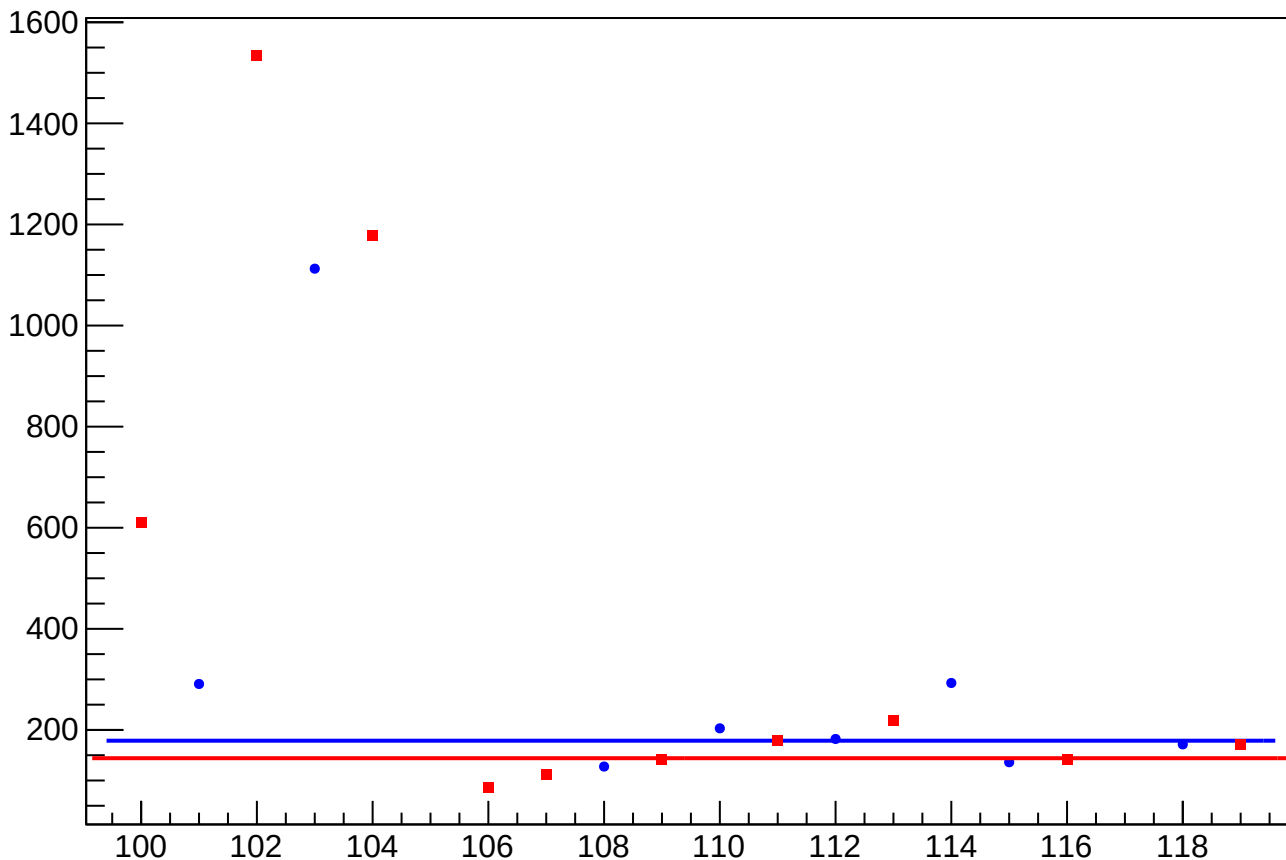
Right: 0.012+/-0.070 χ^2/NDF : 28.2/17

In: 0.009+/-0.112 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.070 χ^2/NDF : 28.2/17

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 178.705+/-0.079 χ^2/NDF : 1199228.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.087+/-0.063 χ^2/NDF : 1932131.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

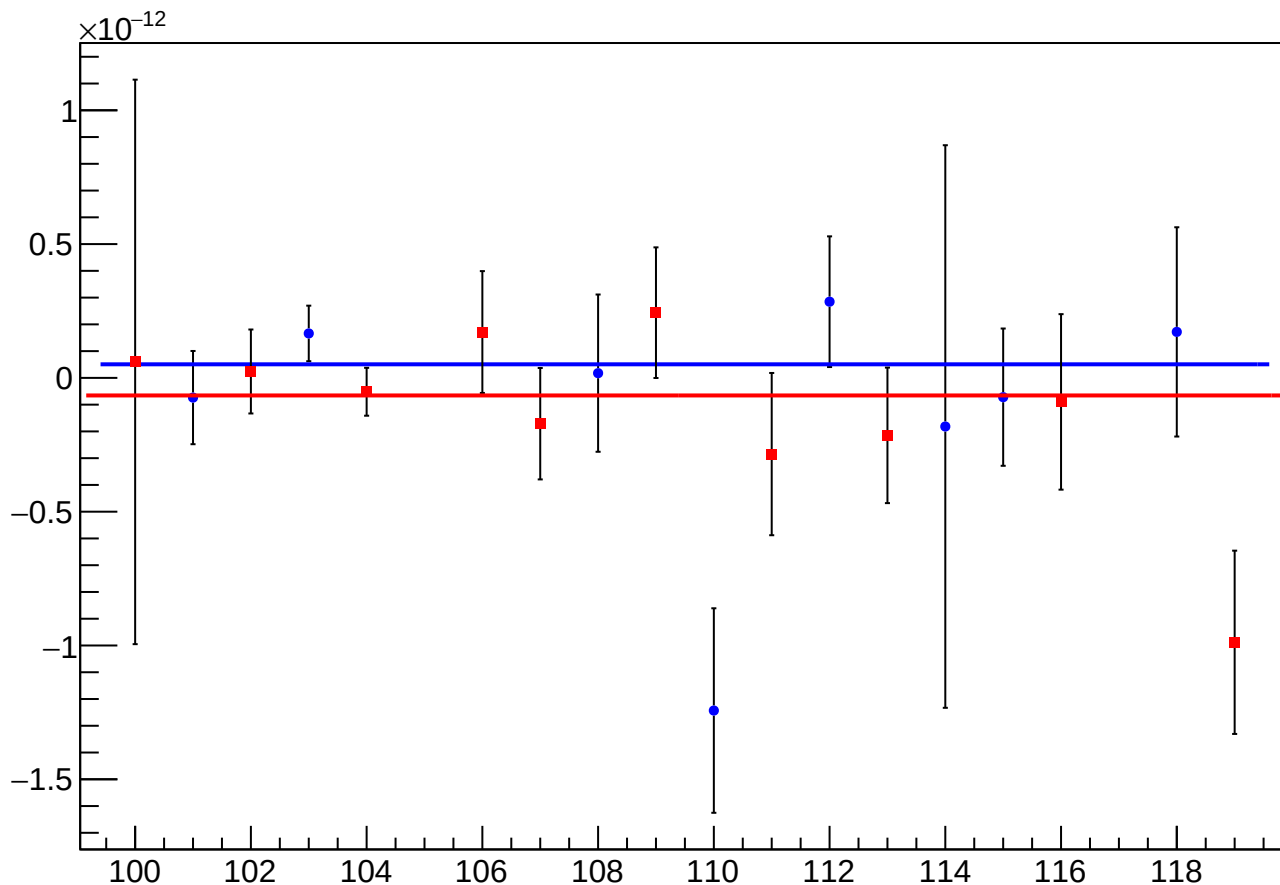
Right: 157.563+/-0.049 χ^2/NDF : 3248645.9/17

In: 178.705+/-0.079 χ^2/NDF : 1199228.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.563+/-0.049 χ^2/NDF : 3248645.9/17

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

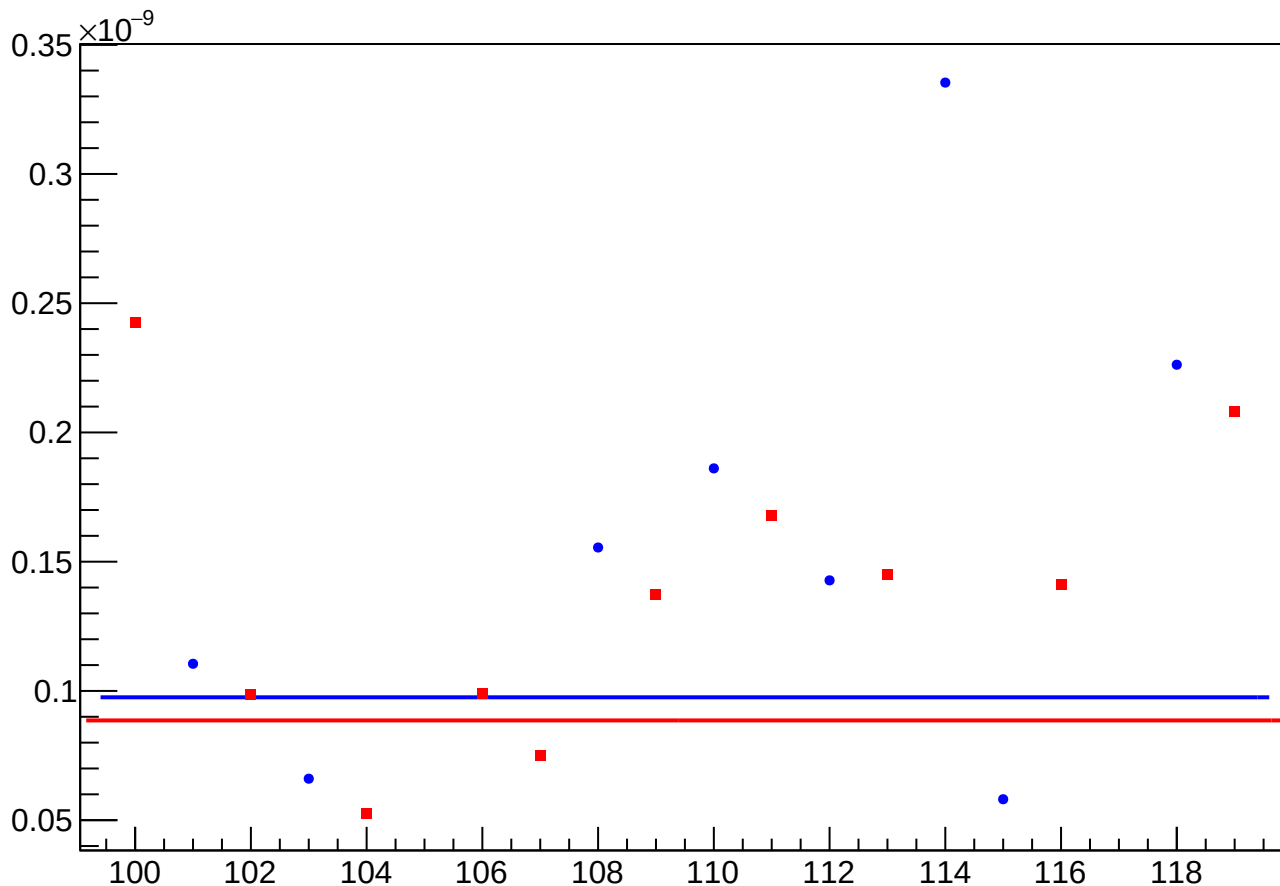
Right: -0.000+/-0.000 χ^2/NDF : 27.4/17

In: 0.000+/-0.000 χ^2/NDF : 14.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.4/17

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 815177.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 999268.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

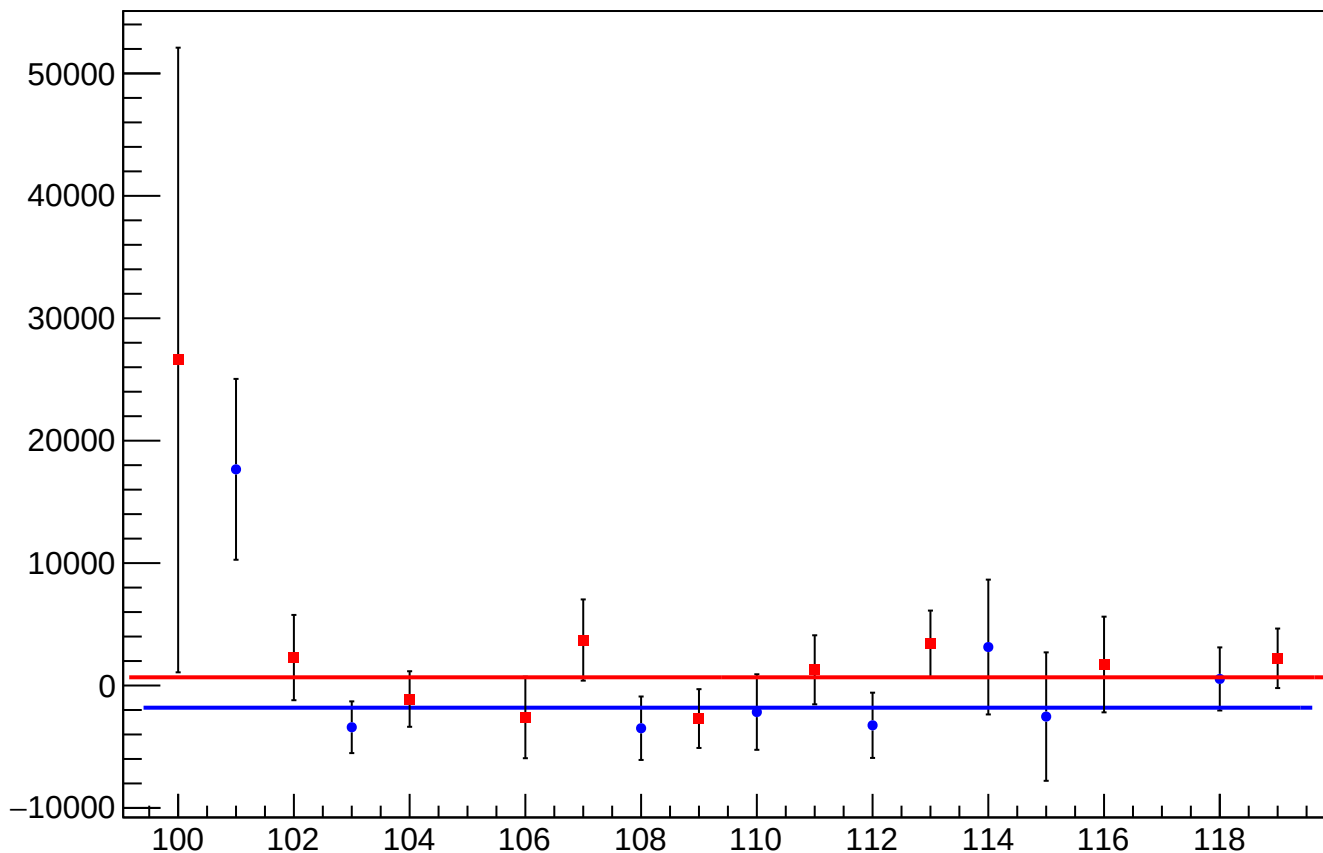
Right: 0.000+/-0.000 χ^2/NDF : 1831923.9/17

In: 0.000+/-0.000 χ^2/NDF : 815177.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1831923.9/17

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1811.485+/-1080.193 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 670.580+/-941.592 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

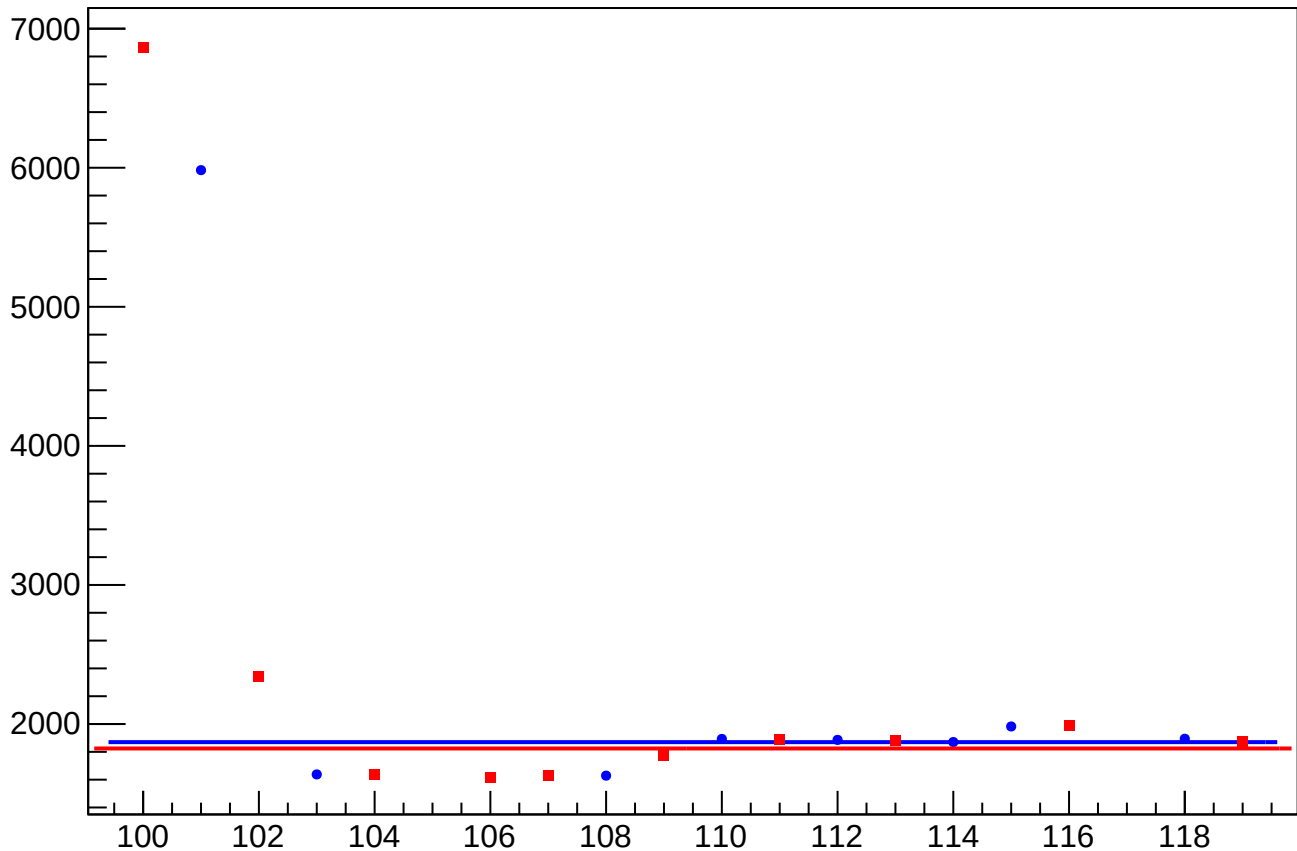
Right: -401.093+/-709.784 χ^2/NDF : 20.1/17

In: -1811.485+/-1080.193 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -401.093+/-709.784 χ^2/NDF : 20.1/17

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1869.769+/-0.764 χ^2/NDF : 662727.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1824.201+/-0.662 χ^2/NDF : 159974.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

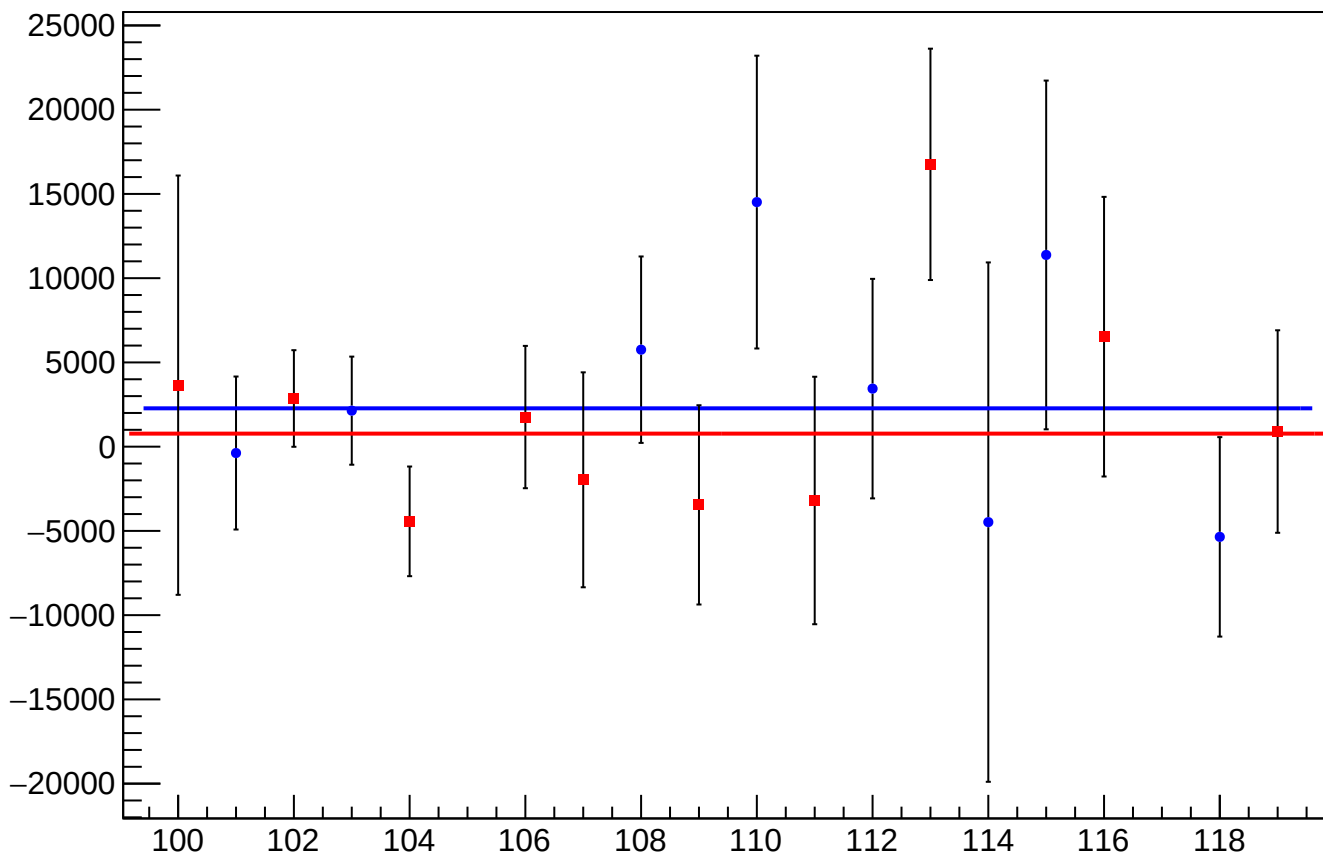
Right: 1843.740+/-0.500 χ^2/NDF : 824734.2/17

In: 1869.769+/-0.764 χ^2/NDF : 662727.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1843.740+/-0.500 χ^2/NDF : 824734.2/17

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2275.373+/-1971.644 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 773.781+/-1554.628 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

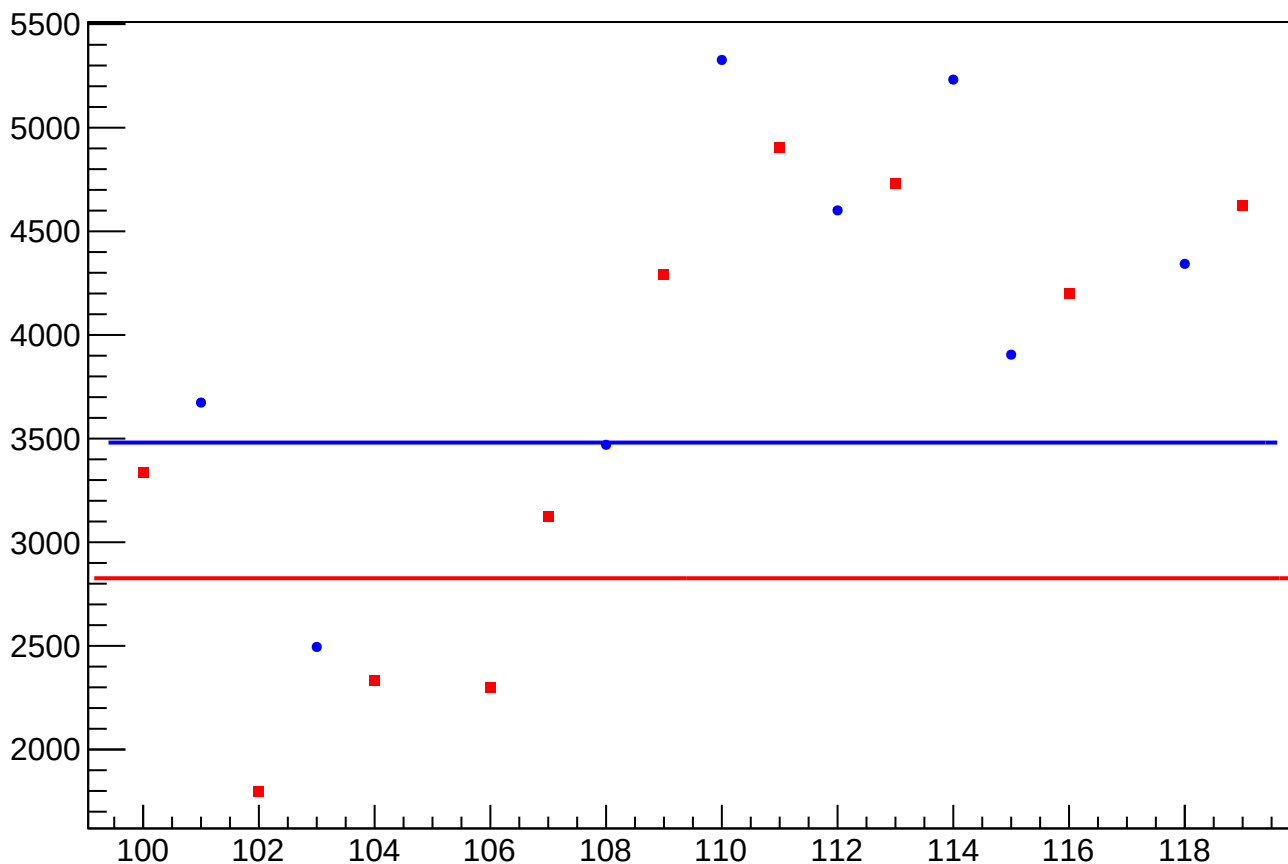
Right: 1349.448+/-1220.783 χ^2/NDF : 15.8/17

In: 2275.373+/-1971.644 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.448+/-1220.783 χ^2/NDF : 15.8/17

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3480.829+/-1.394 χ^2/NDF : 413601.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2826.345+/-1.099 χ^2/NDF : 1013430.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

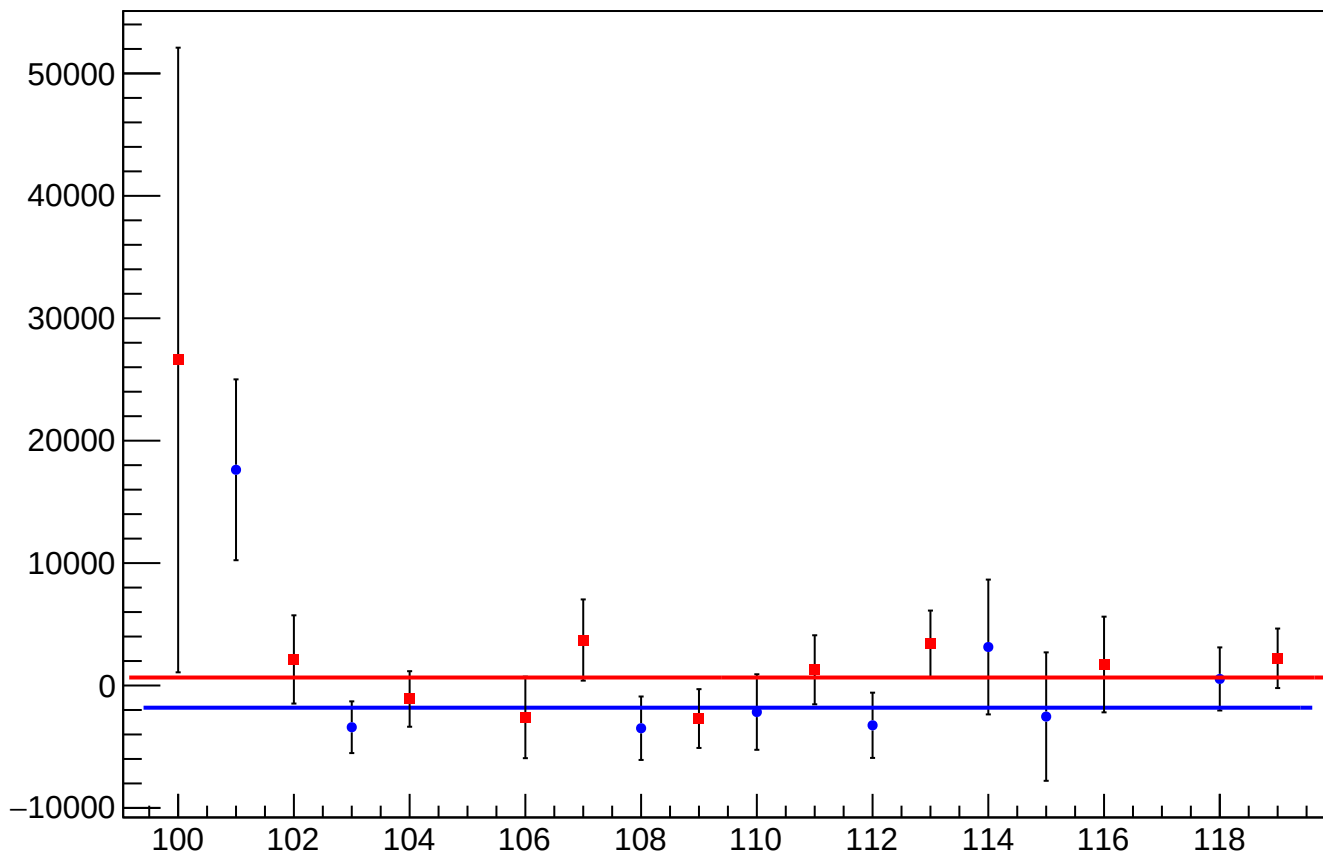
Right: 3077.255+/-0.863 χ^2/NDF : 1562923.8/17

In: 3480.829+/-1.394 χ^2/NDF : 413601.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3077.255+/-0.863 χ^2/NDF : 1562923.8/17

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1812.161 ± 1080.194 χ^2/NDF : 9.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 653.289 ± 943.876 χ^2/NDF : 7.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

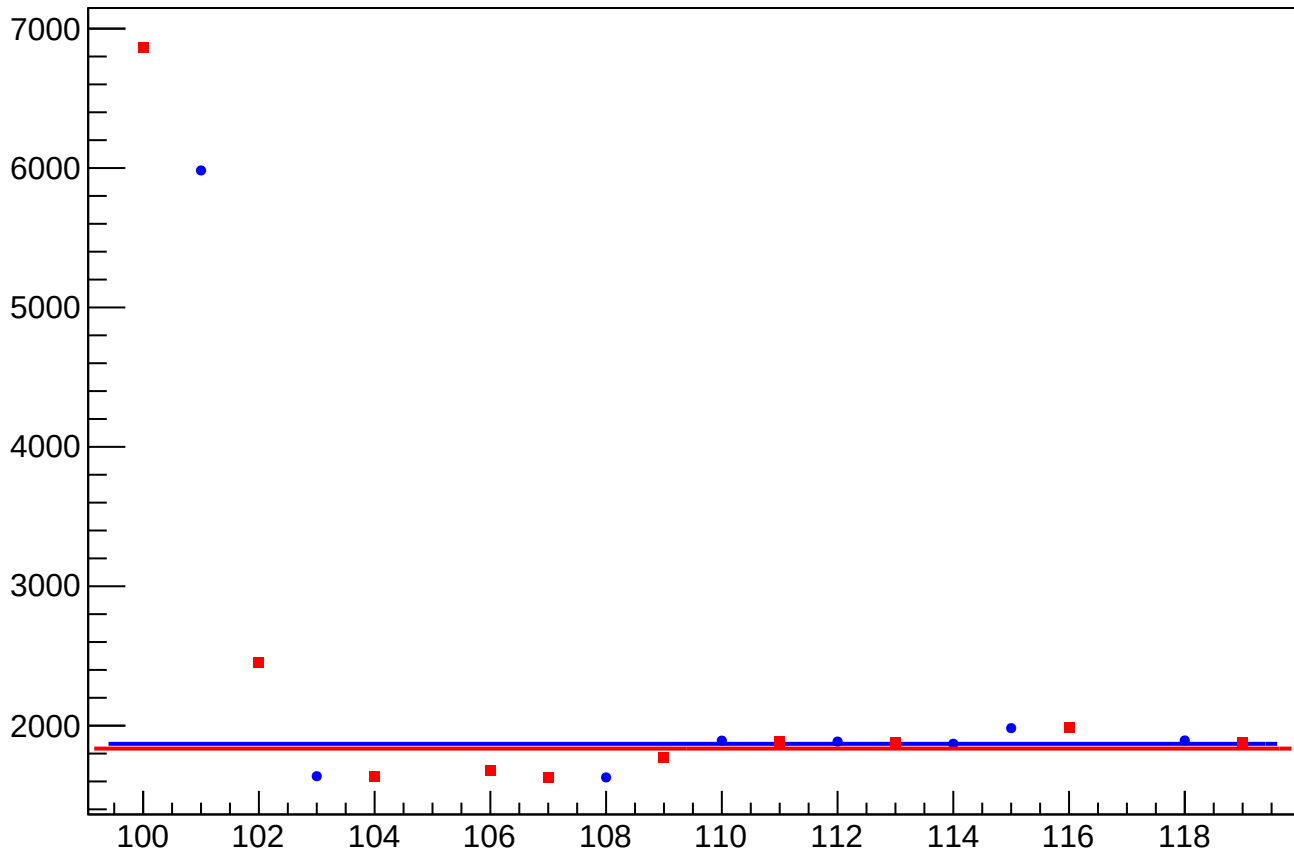
Right: -414.142 ± 710.761 χ^2/NDF : 19.9/17

In: -1812.161 ± 1080.194 χ^2/NDF : 9.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -414.142 ± 710.761 χ^2/NDF : 19.9/17

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1869.768+/-0.764 χ^2/NDF : 662727.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1835.755+/-0.666 χ^2/NDF : 171440.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

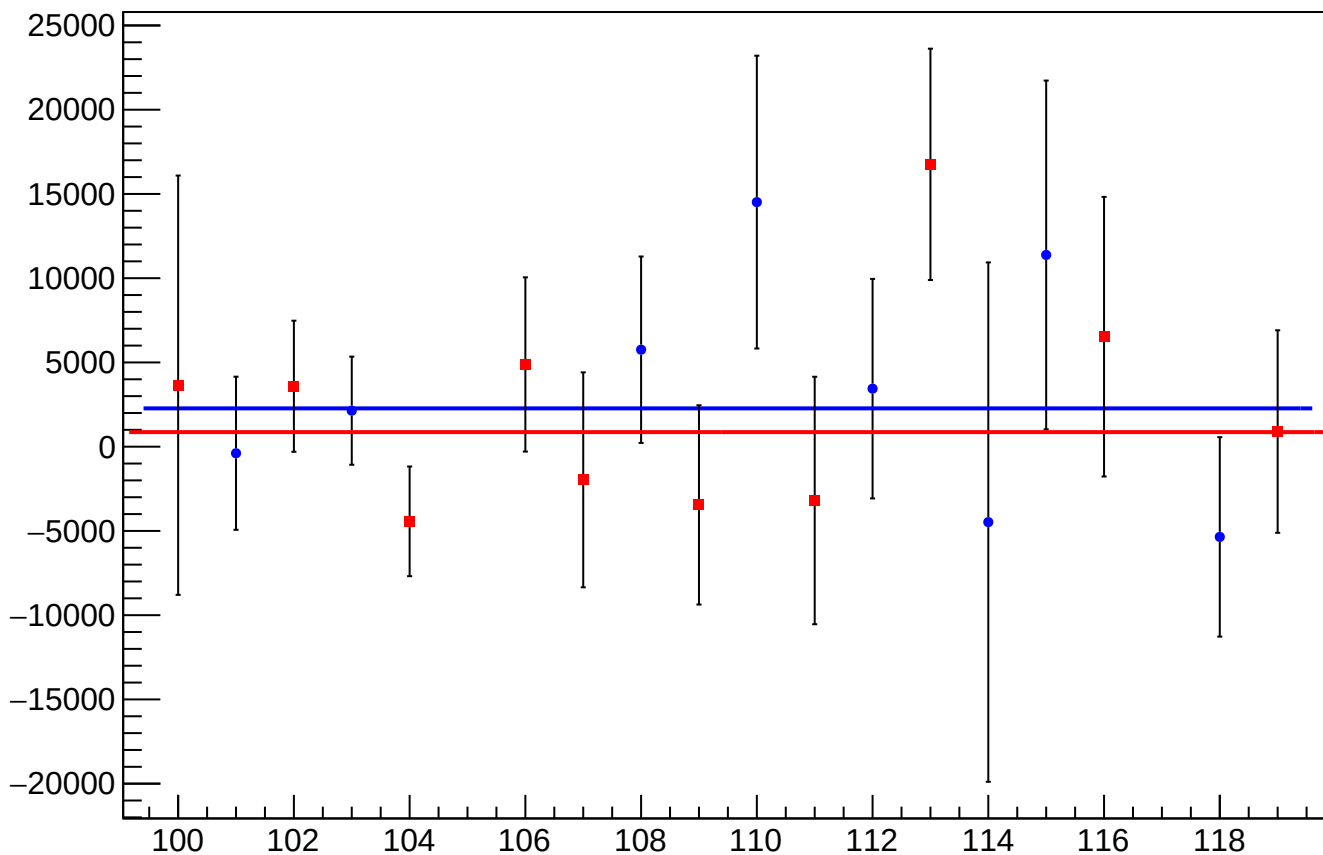
Right: 1850.434+/-0.502 χ^2/NDF : 835294.4/17

In: 1869.768+/-0.764 χ^2/NDF : 662727.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.434+/-0.502 χ^2/NDF : 835294.4/17

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2273.713+/-1972.054 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.089+/-1716.242 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

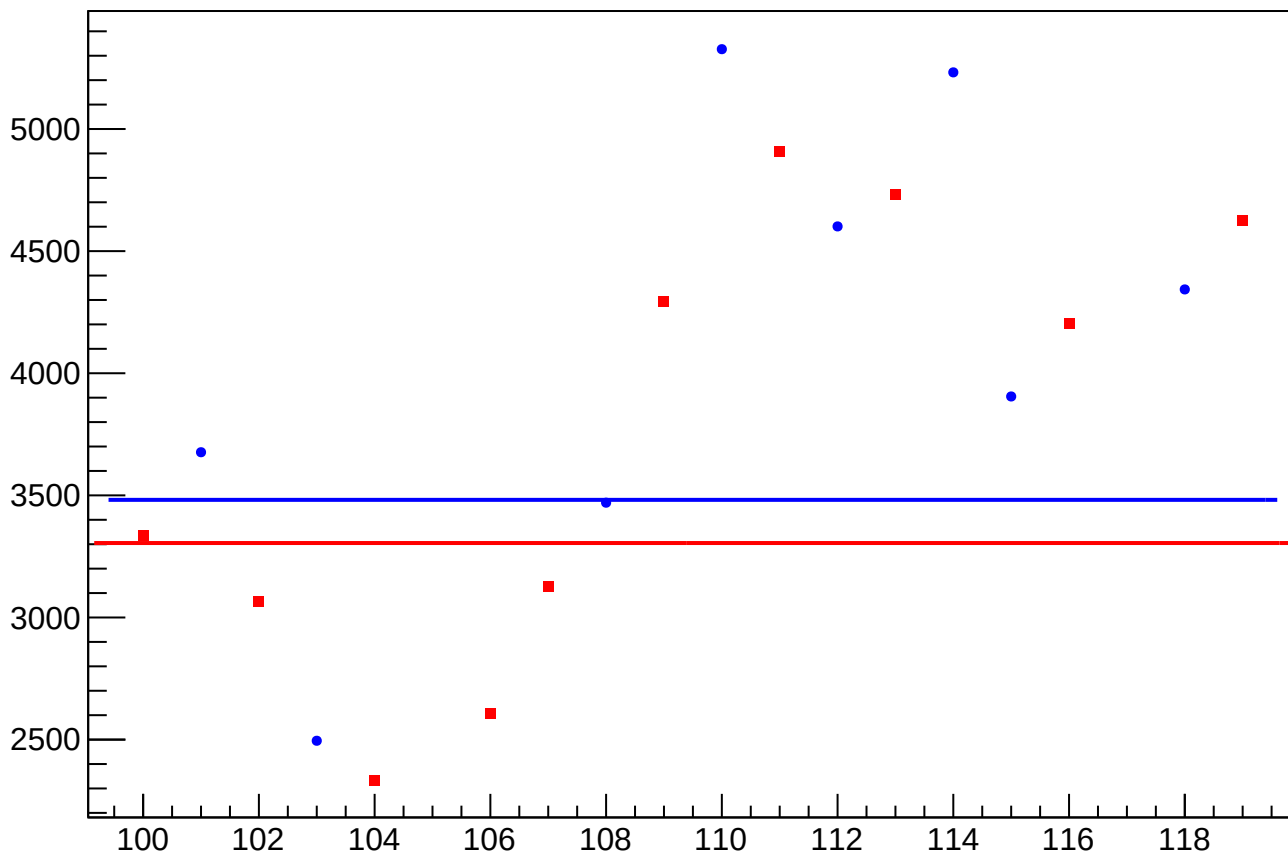
Right: 1471.601+/-1294.627 χ^2/NDF : 16.3/17

In: 2273.713+/-1972.054 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1471.601+/-1294.627 χ^2/NDF : 16.3/17

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3481.616+/-1.394 χ^2/NDF : 413451.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3304.864+/-1.214 χ^2/NDF : 580416.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

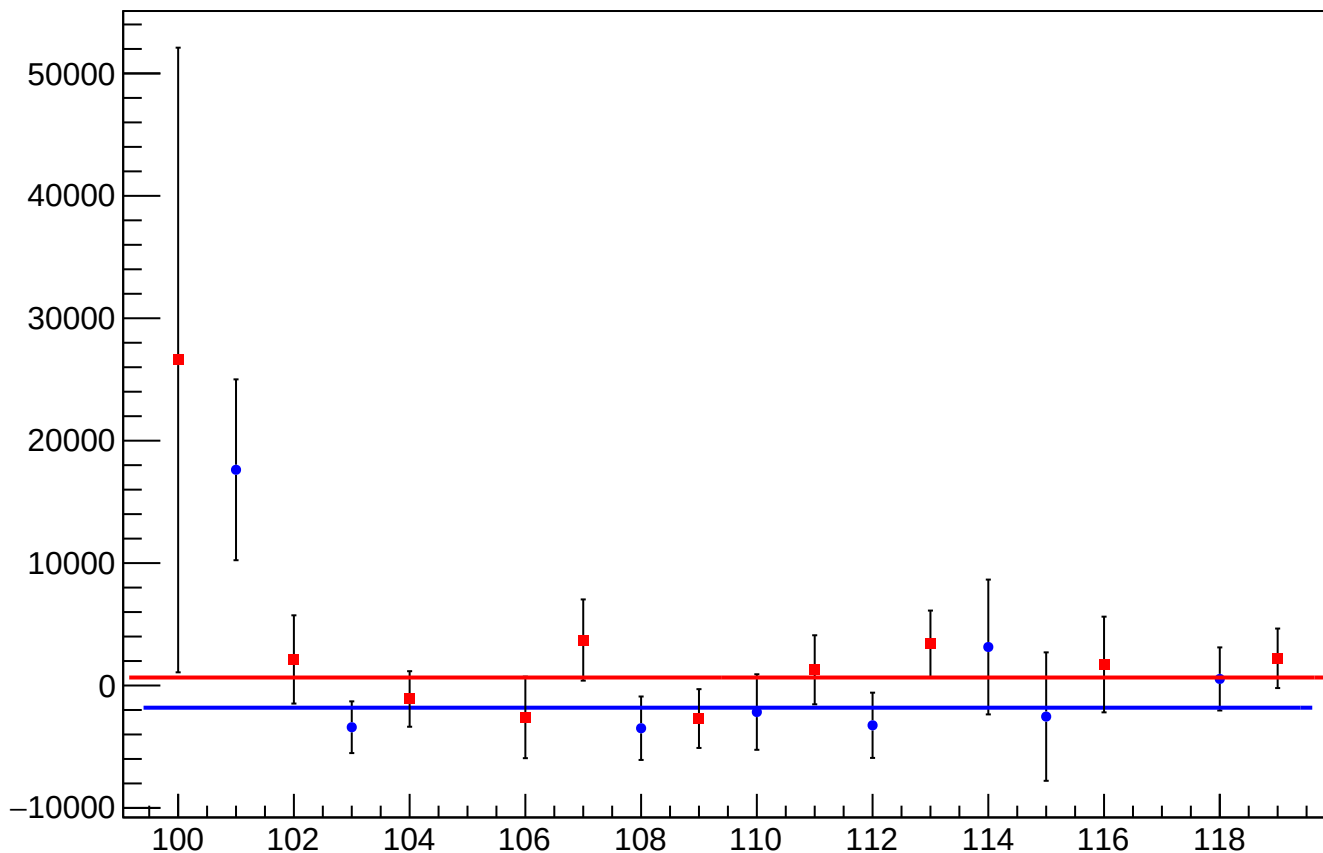
Right: 3381.040+/-0.915 χ^2/NDF : 1003009.7/17

In: 3481.616+/-1.394 χ^2/NDF : 413451.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3381.040+/-0.915 χ^2/NDF : 1003009.7/17

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1812.161+/-1080.194 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 653.289+/-943.876 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

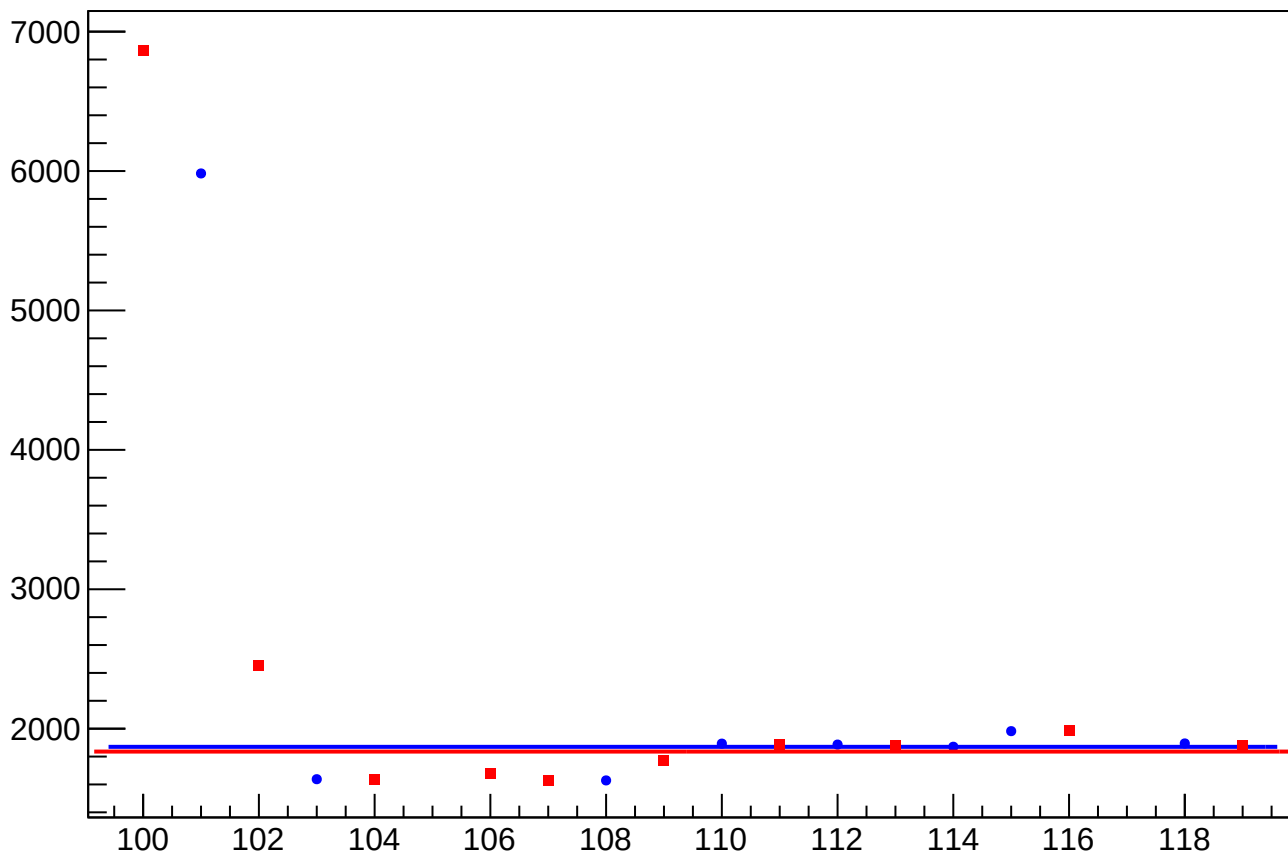
Right: -414.142+/-710.761 χ^2/NDF : 19.9/17

In: -1812.161+/-1080.194 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -414.142+/-710.761 χ^2/NDF : 19.9/17

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1869.768+/-0.764 χ^2/NDF : 662727.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1835.755+/-0.666 χ^2/NDF : 171440.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

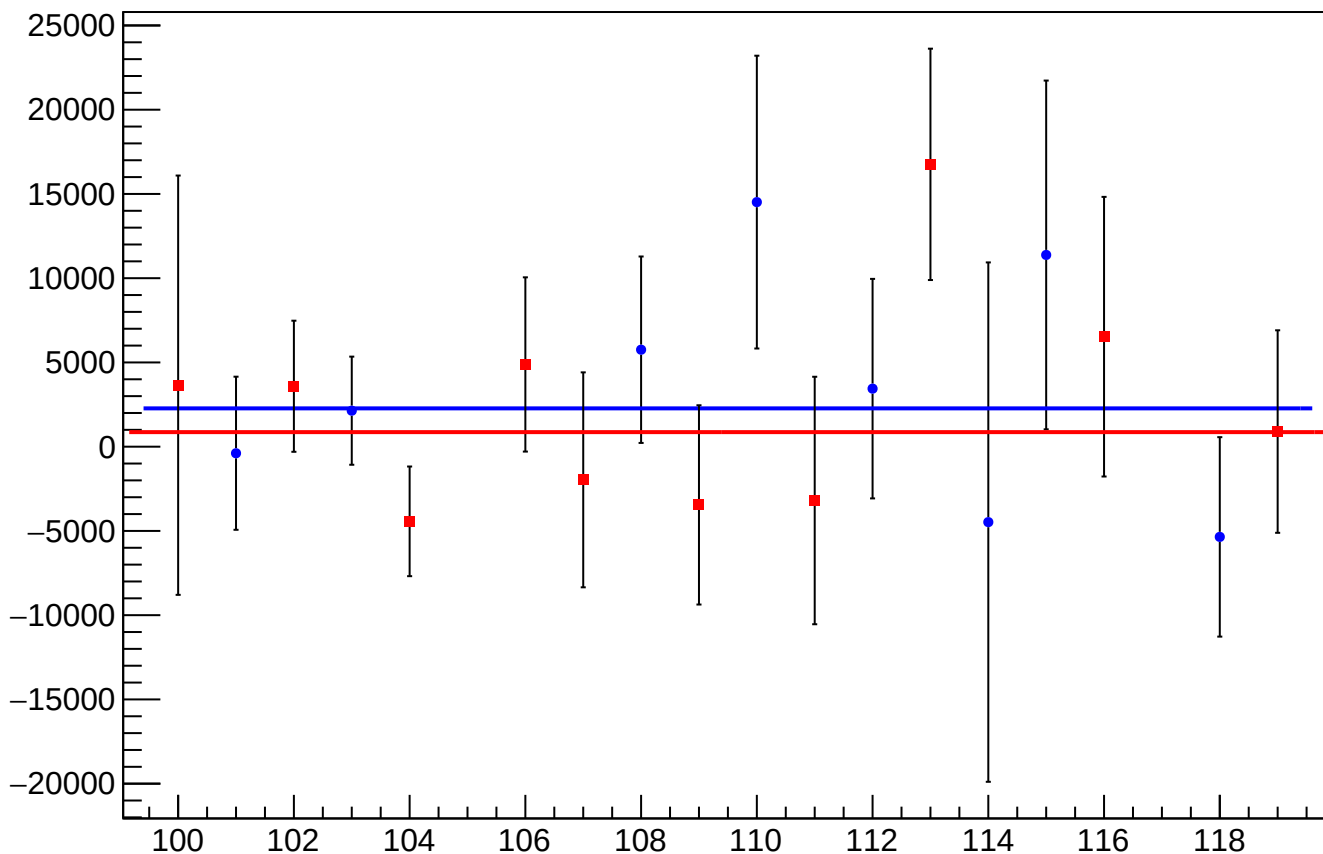
Right: 1850.434+/-0.502 χ^2/NDF : 835294.4/17

In: 1869.768+/-0.764 χ^2/NDF : 662727.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1850.434+/-0.502 χ^2/NDF : 835294.4/17

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2273.713+/-1972.054 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.089+/-1716.242 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

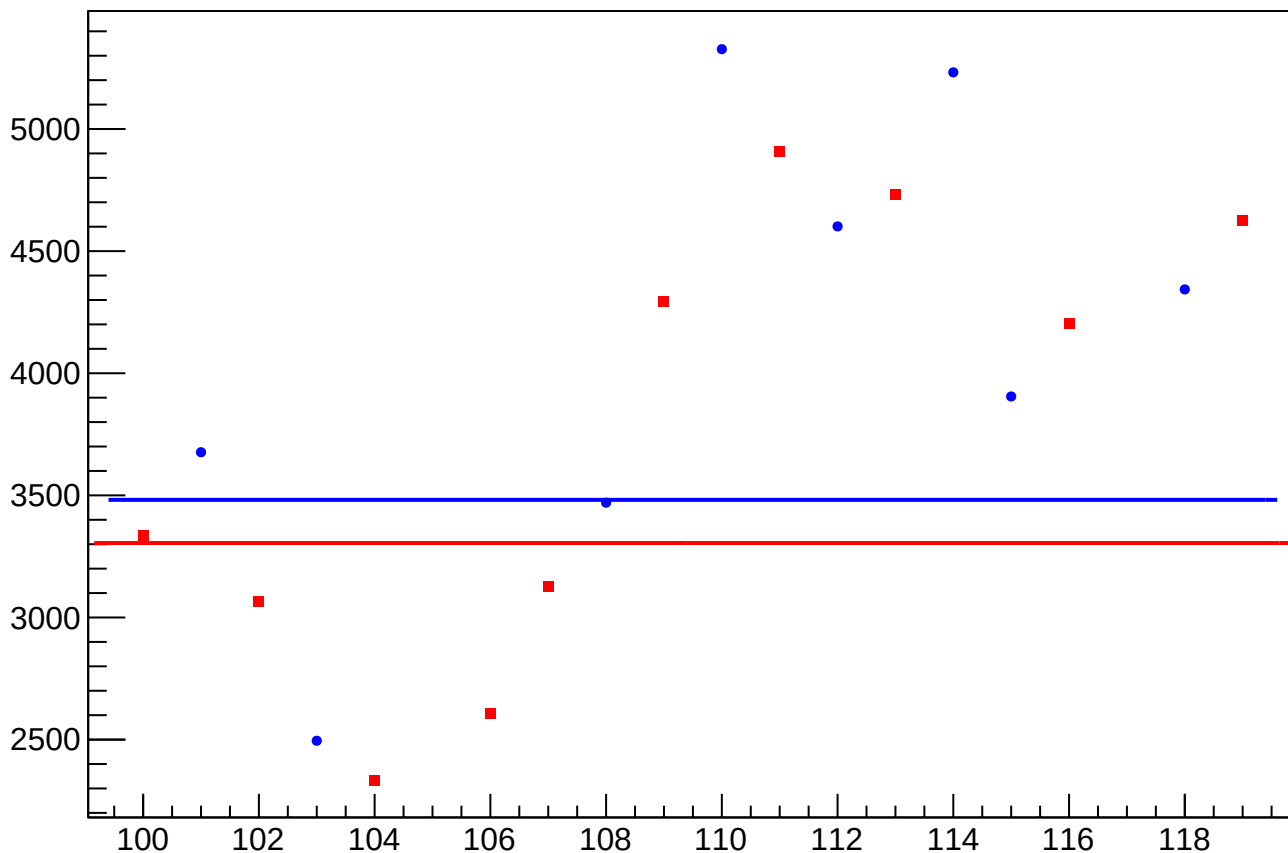
Right: 1471.601+/-1294.627 χ^2/NDF : 16.3/17

In: 2273.713+/-1972.054 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1471.601+/-1294.627 χ^2/NDF : 16.3/17

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3481.616+/-1.394 χ^2/NDF : 413451.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3304.864+/-1.214 χ^2/NDF : 580416.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

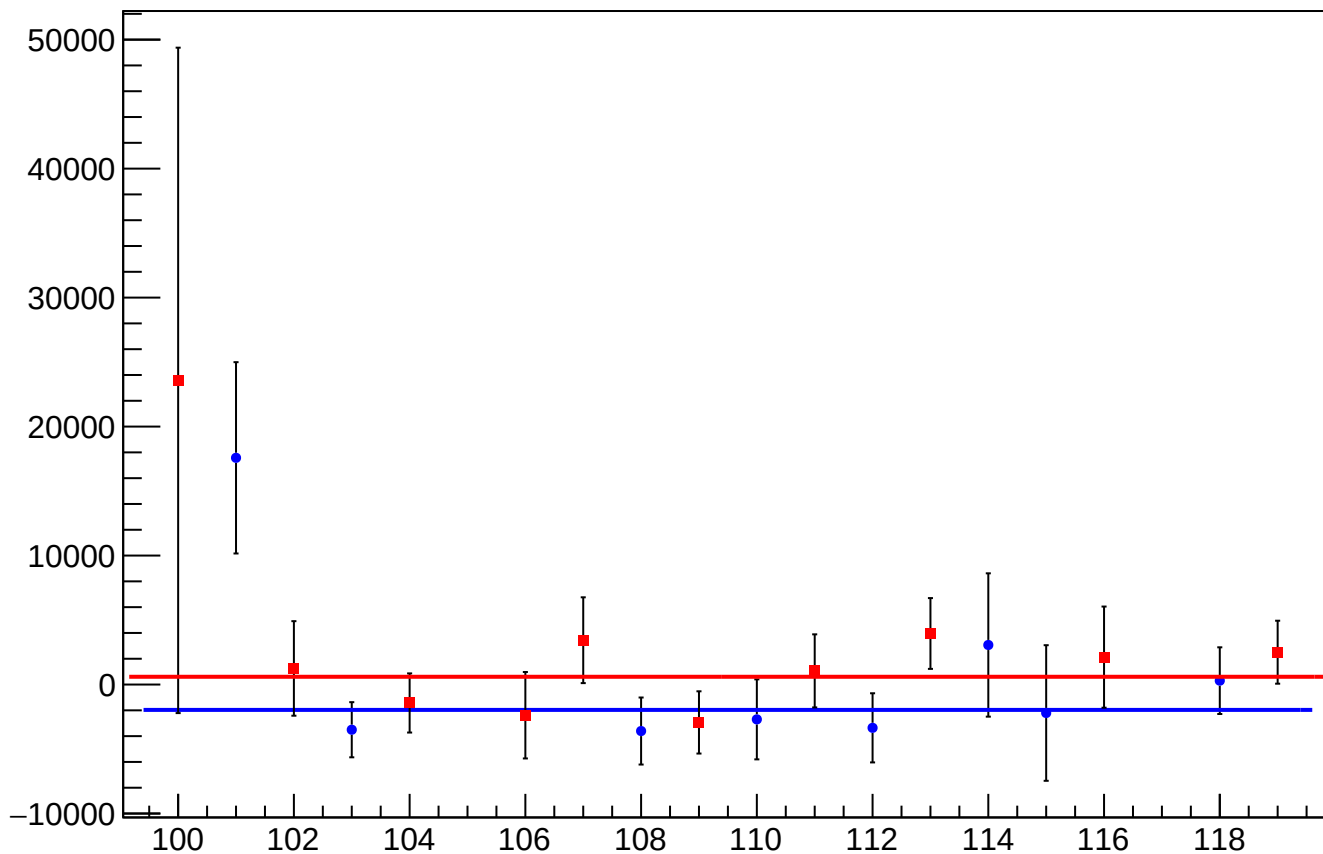
Right: 3381.040+/-0.915 χ^2/NDF : 1003009.7/17

In: 3481.616+/-1.394 χ^2/NDF : 413451.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3381.040+/-0.915 χ^2/NDF : 1003009.7/17

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1966.133+/-1086.913 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.663+/-950.196 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

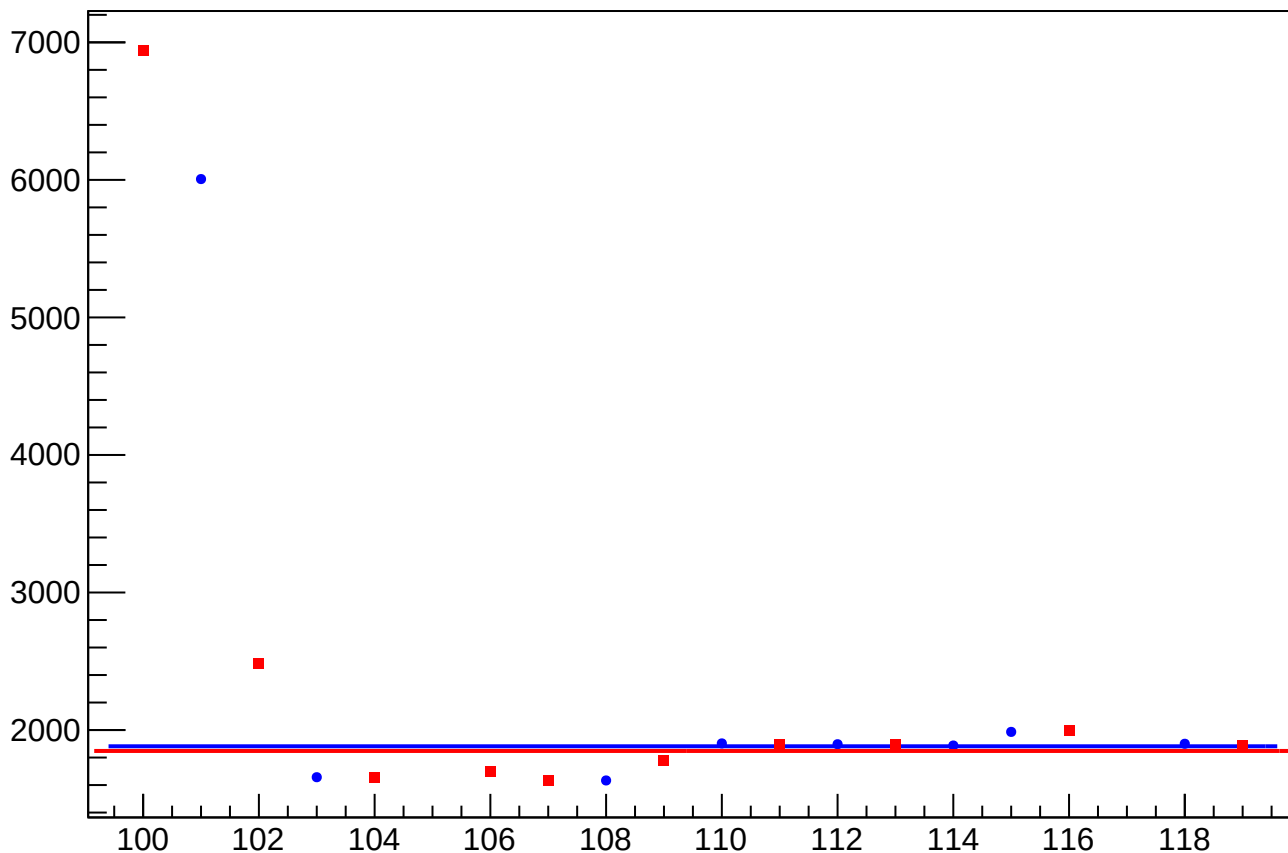
Right: -510.107+/-715.373 χ^2/NDF : 20.5/17

In: -1966.133+/-1086.913 χ^2/NDF : 9.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.107+/-715.373 χ^2/NDF : 20.5/17

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1881.818+/-0.769 χ^2/NDF : 659937.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.905+/-0.671 χ^2/NDF : 170976.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

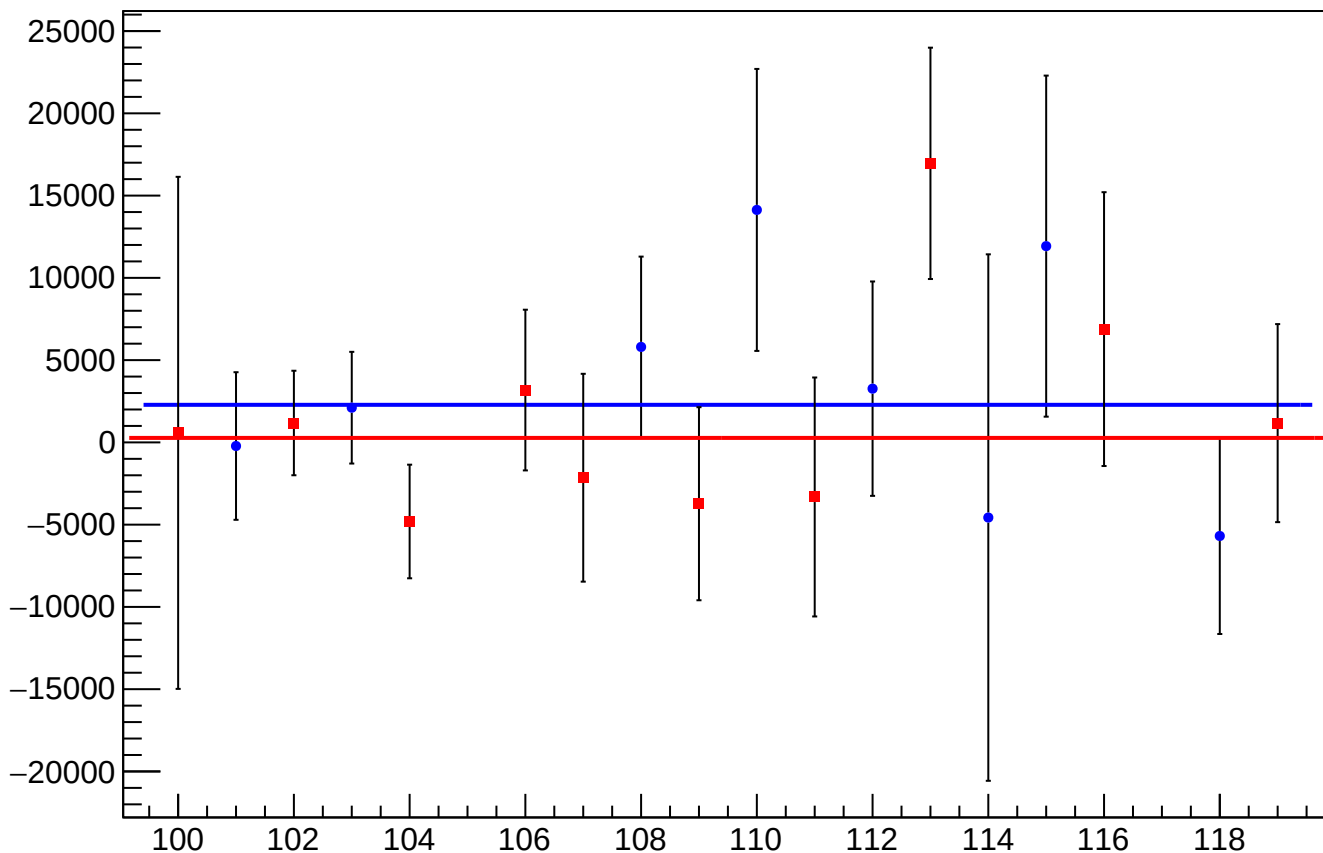
Right: 1862.564+/-0.505 χ^2/NDF : 832018.6/17

In: 1881.818+/-0.769 χ^2/NDF : 659937.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.564+/-0.505 χ^2/NDF : 832018.6/17

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2283.256+/-2007.087 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.988+/-1656.485 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

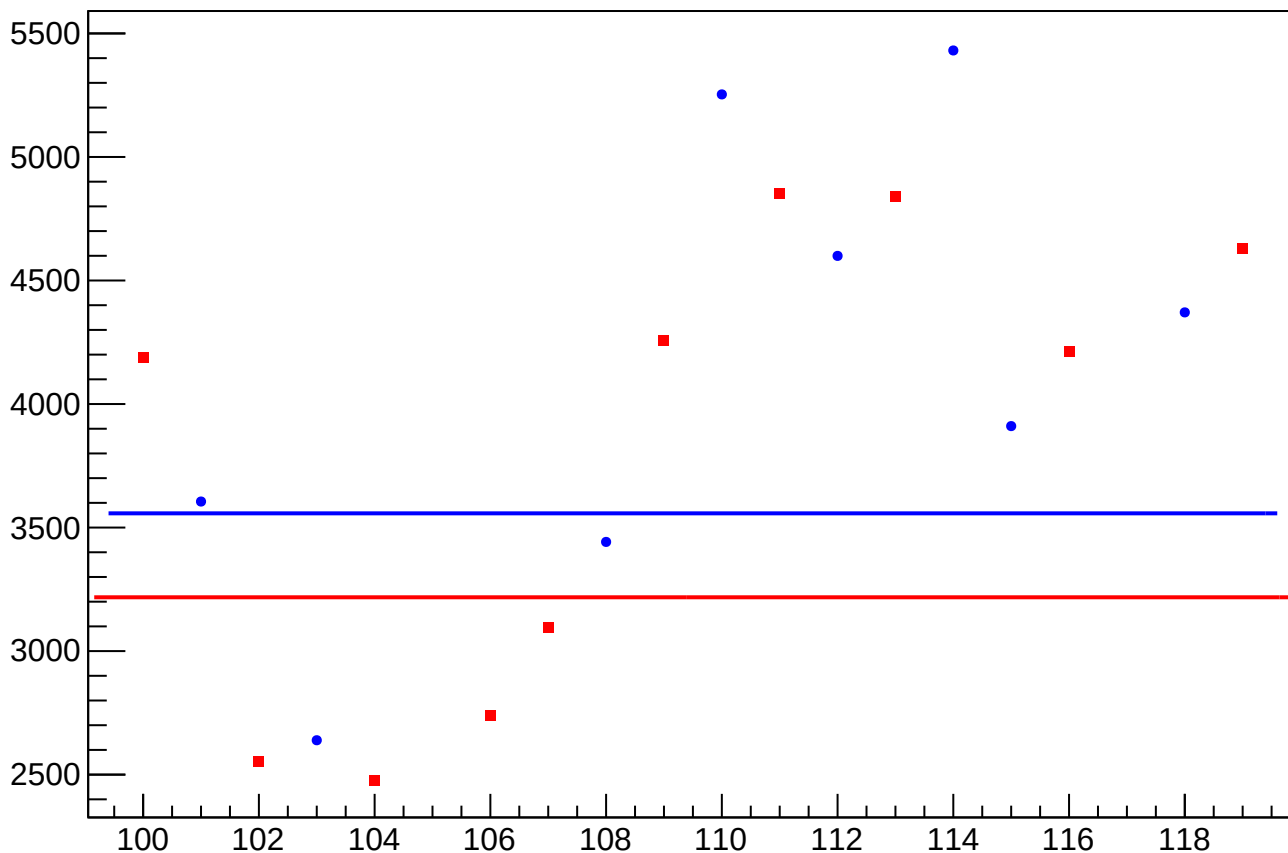
Right: 1086.892+/-1277.569 χ^2/NDF : 15.8/17

In: 2283.256+/-2007.087 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.892+/-1277.569 χ^2/NDF : 15.8/17

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3557.577+/-1.419 χ^2/NDF : 344013.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.784+/-1.171 χ^2/NDF : 616553.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

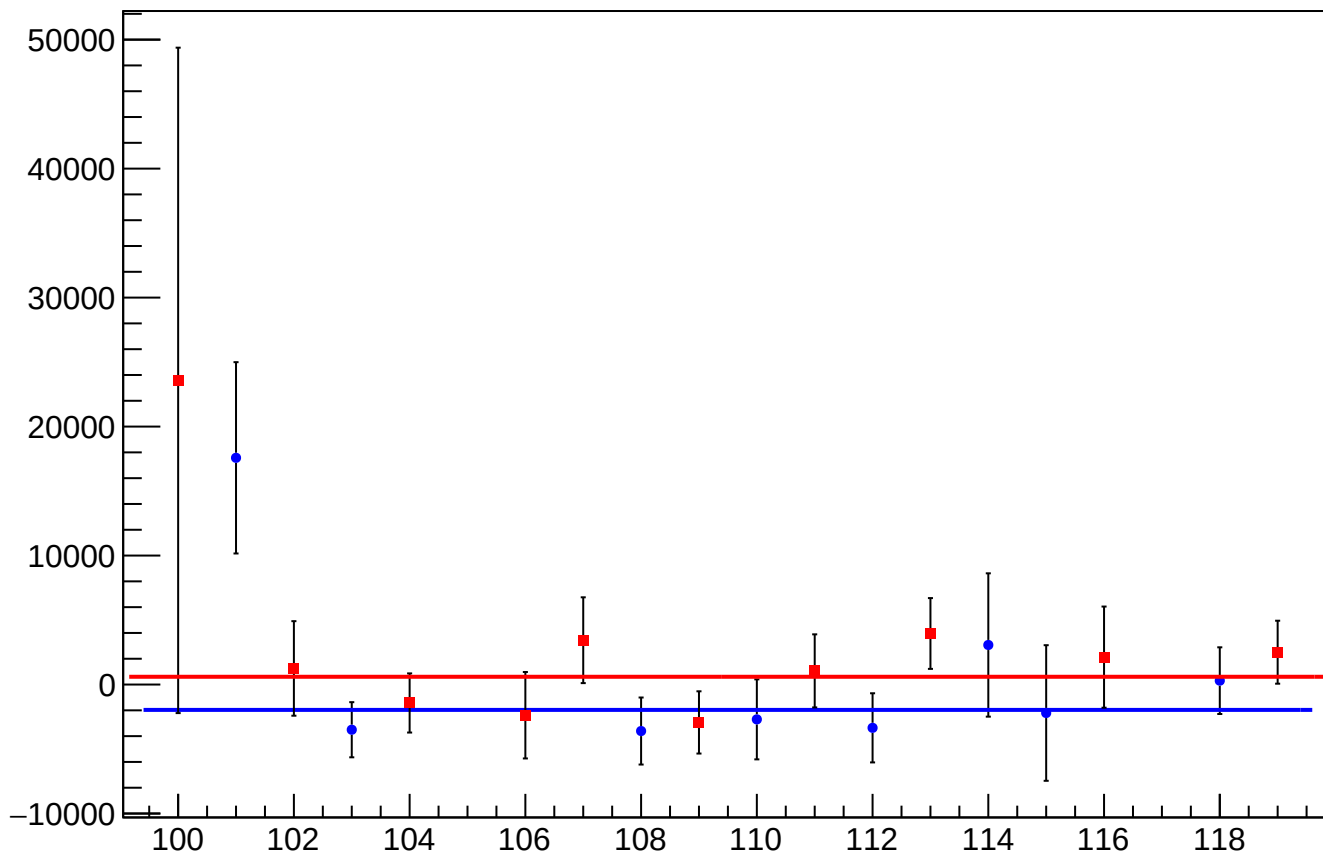
Right: 3355.457+/-0.903 χ^2/NDF : 994664.4/17

In: 3557.577+/-1.419 χ^2/NDF : 344013.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3355.457+/-0.903 χ^2/NDF : 994664.4/17

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1966.133+/-1086.913 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.659+/-950.196 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

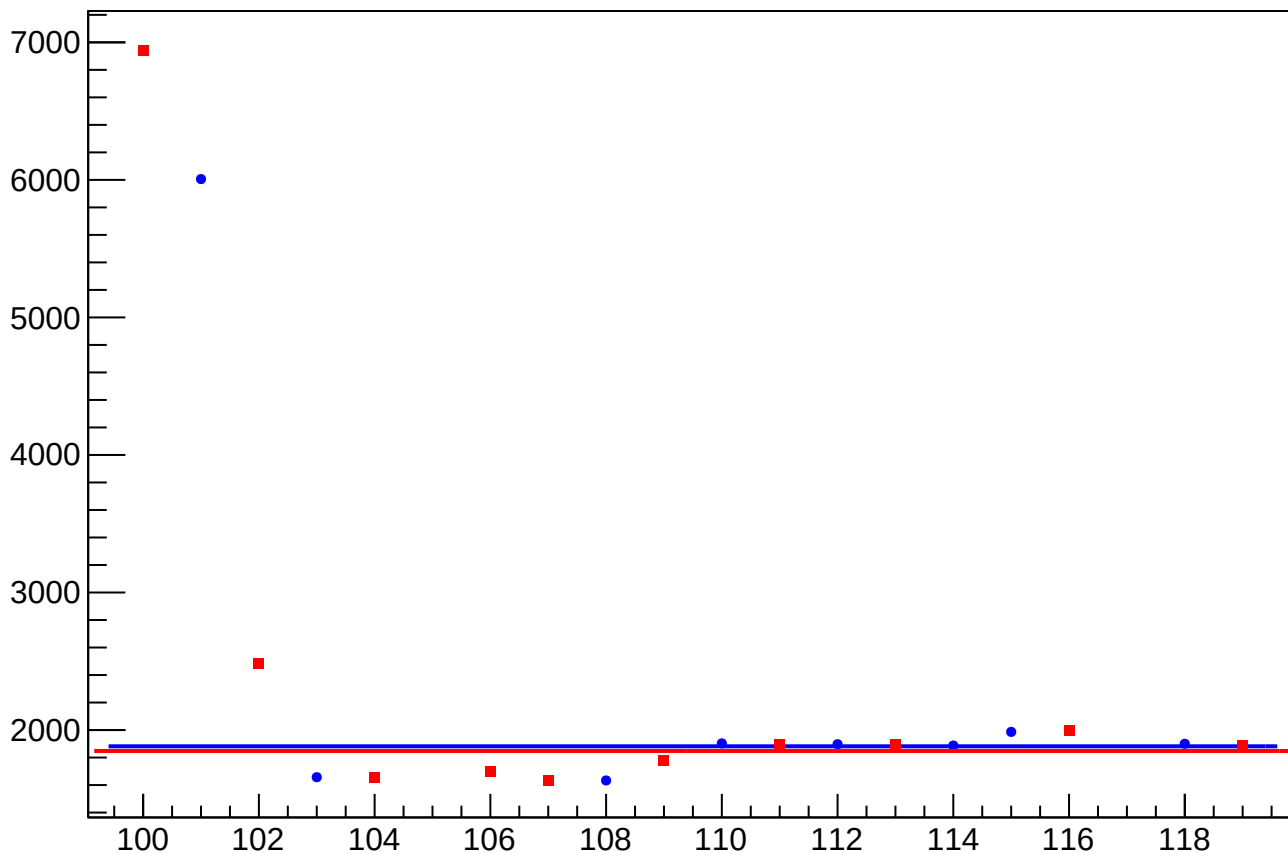
Right: -510.110+/-715.373 χ^2/NDF : 20.5/17

In: -1966.133+/-1086.913 χ^2/NDF : 9.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.110+/-715.373 χ^2/NDF : 20.5/17

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1881.818+/-0.769 χ^2/NDF : 659937.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.905+/-0.671 χ^2/NDF : 170976.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

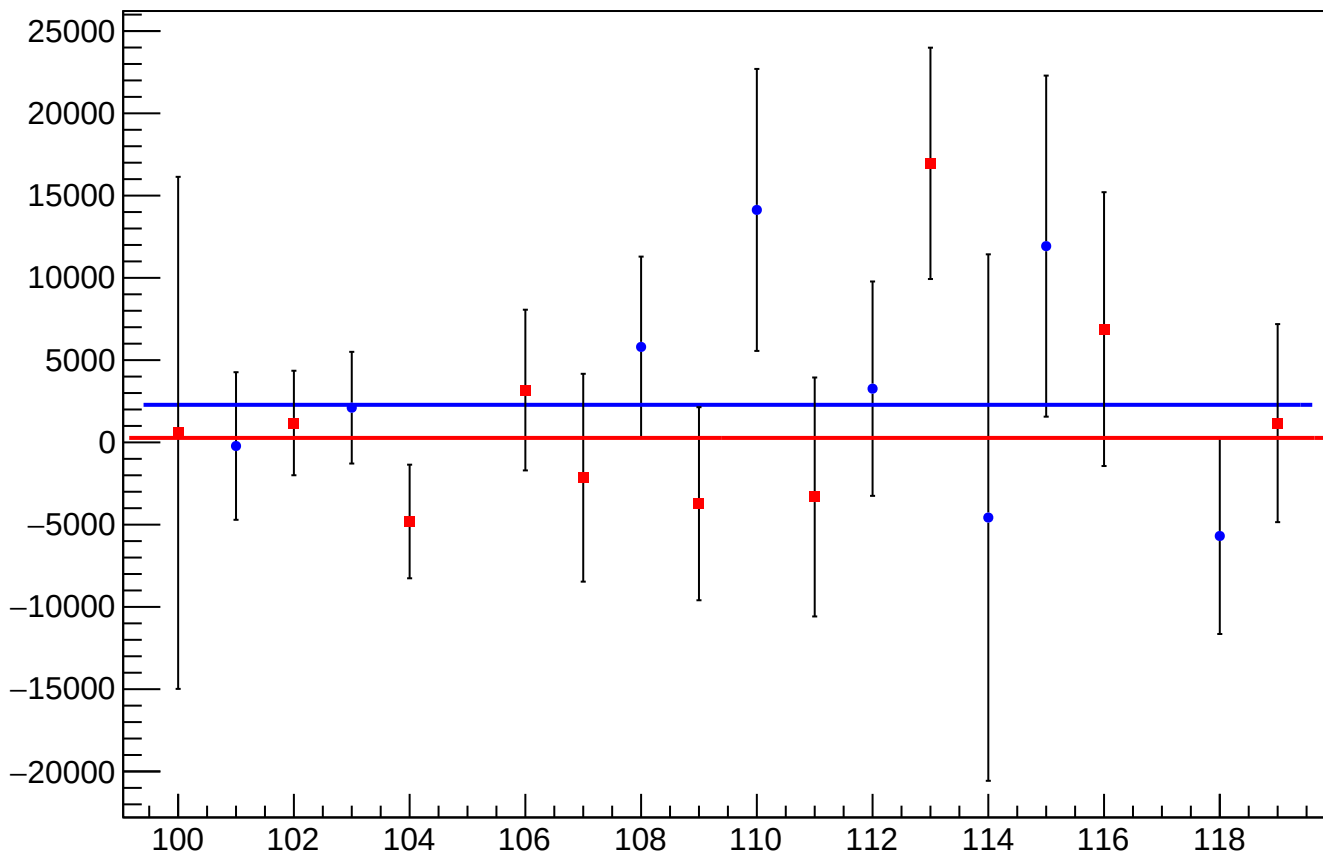
Right: 1862.564+/-0.505 χ^2/NDF : 832018.6/17

In: 1881.818+/-0.769 χ^2/NDF : 659937.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.564+/-0.505 χ^2/NDF : 832018.6/17

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2283.257+/-2007.085 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.987+/-1656.483 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

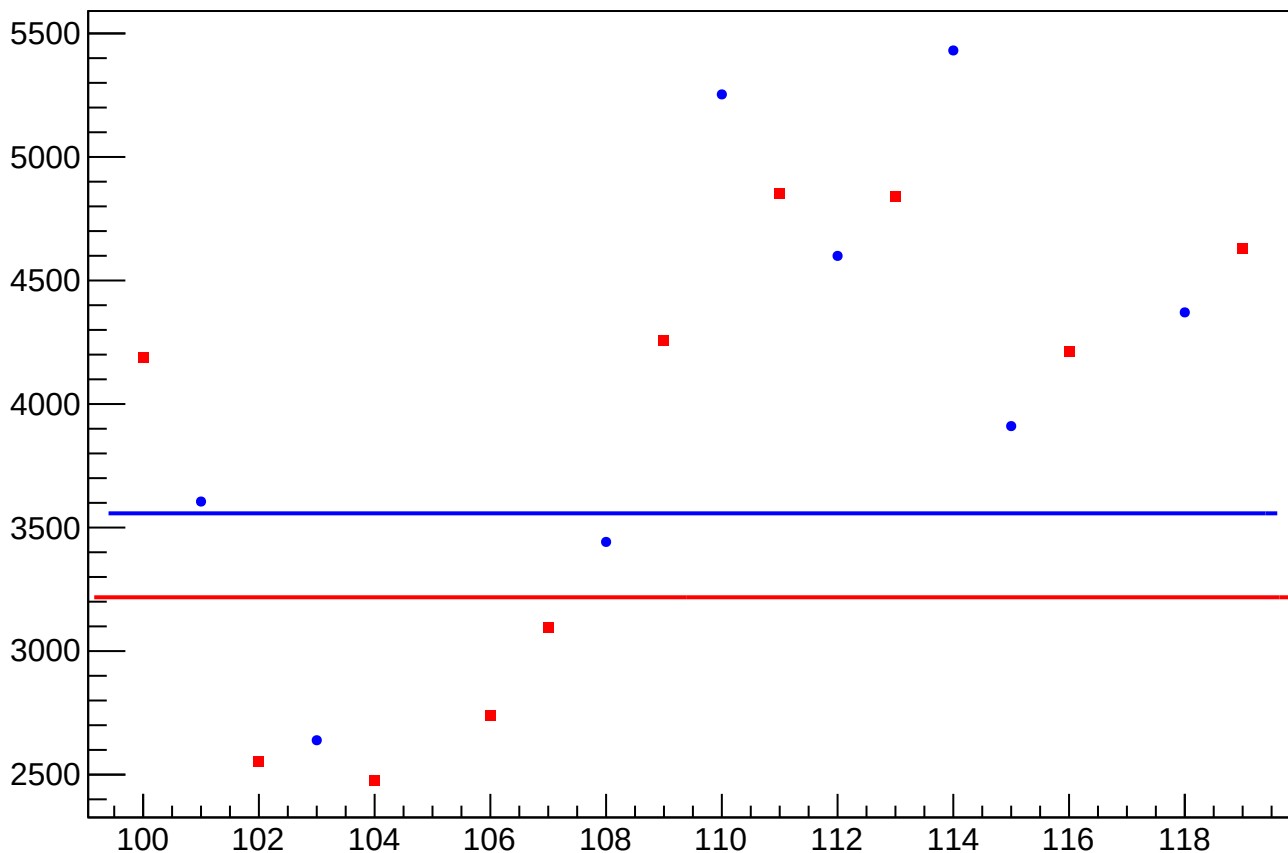
Right: 1086.891+/-1277.567 χ^2/NDF : 15.8/17

In: 2283.257+/-2007.085 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.891+/-1277.567 χ^2/NDF : 15.8/17

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3557.574+/-1.419 χ^2/NDF : 344010.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3217.781+/-1.171 χ^2/NDF : 616550.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

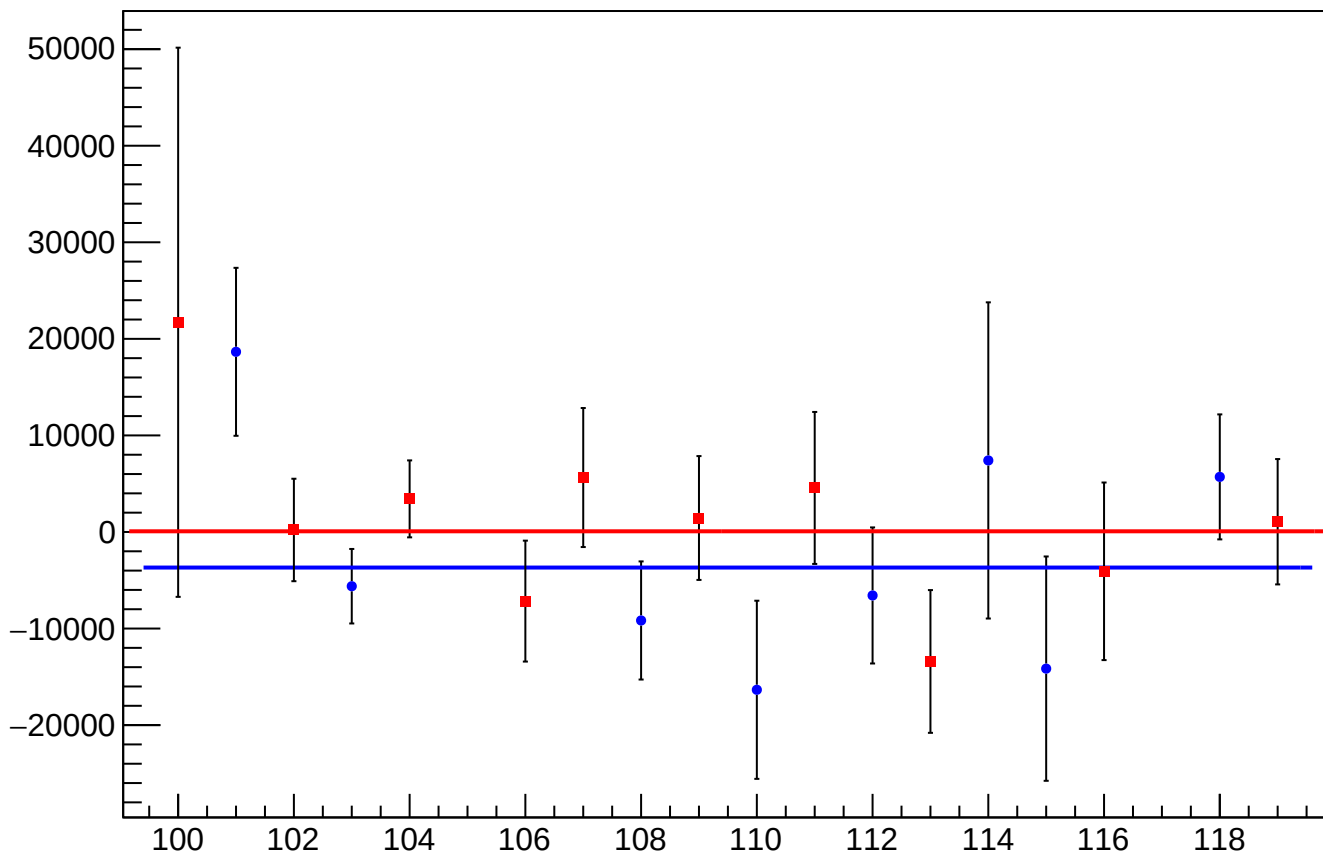
Right: 3355.455+/-0.903 χ^2/NDF : 994657.9/17

In: 3557.574+/-1.419 χ^2/NDF : 344010.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3355.455+/-0.903 χ^2/NDF : 994657.9/17

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -3683.761+/-2396.867 χ^2/NDF : 13.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.547+/-2045.937 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

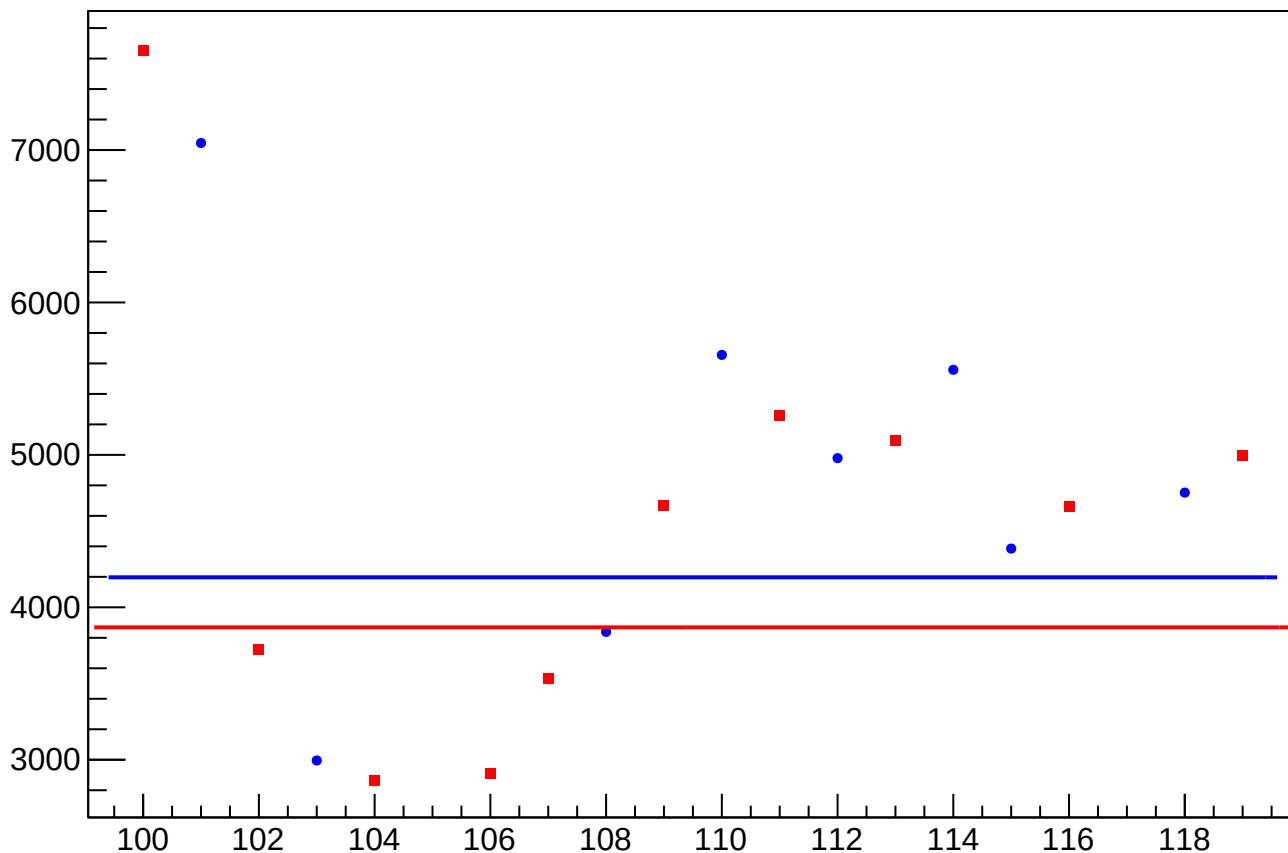
Right: -1511.899+/-1556.121 χ^2/NDF : 21.6/17

In: -3683.761+/-2396.867 χ^2/NDF : 13.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1511.899+/-1556.121 χ^2/NDF : 21.6/17

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4196.813+/-1.695 χ^2/NDF : 519332.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3868.479+/-1.428 χ^2/NDF : 450661.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

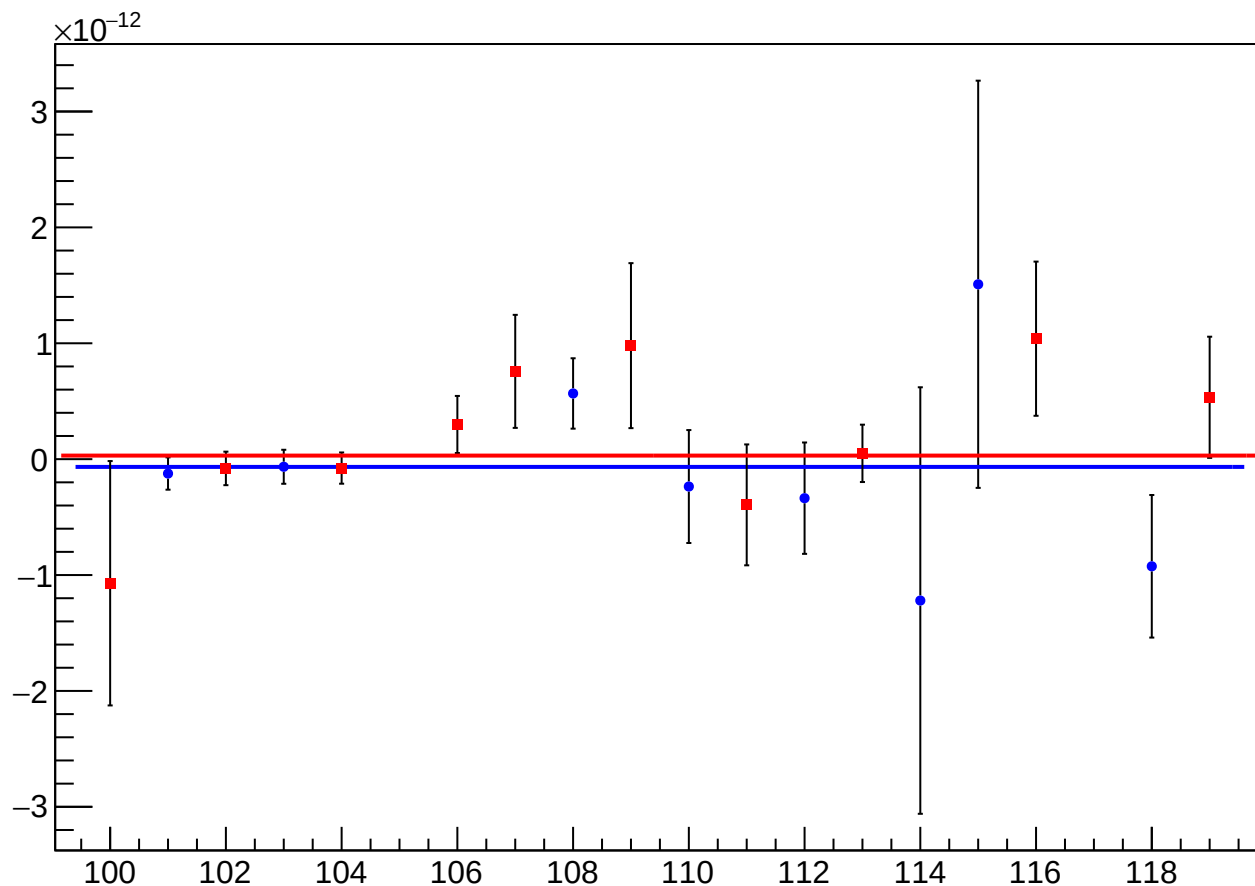
Right: 4004.801+/-1.092 χ^2/NDF : 991941.1/17

In: 4196.813+/-1.695 χ^2/NDF : 519332.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4004.801+/-1.092 χ^2/NDF : 991941.1/17

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

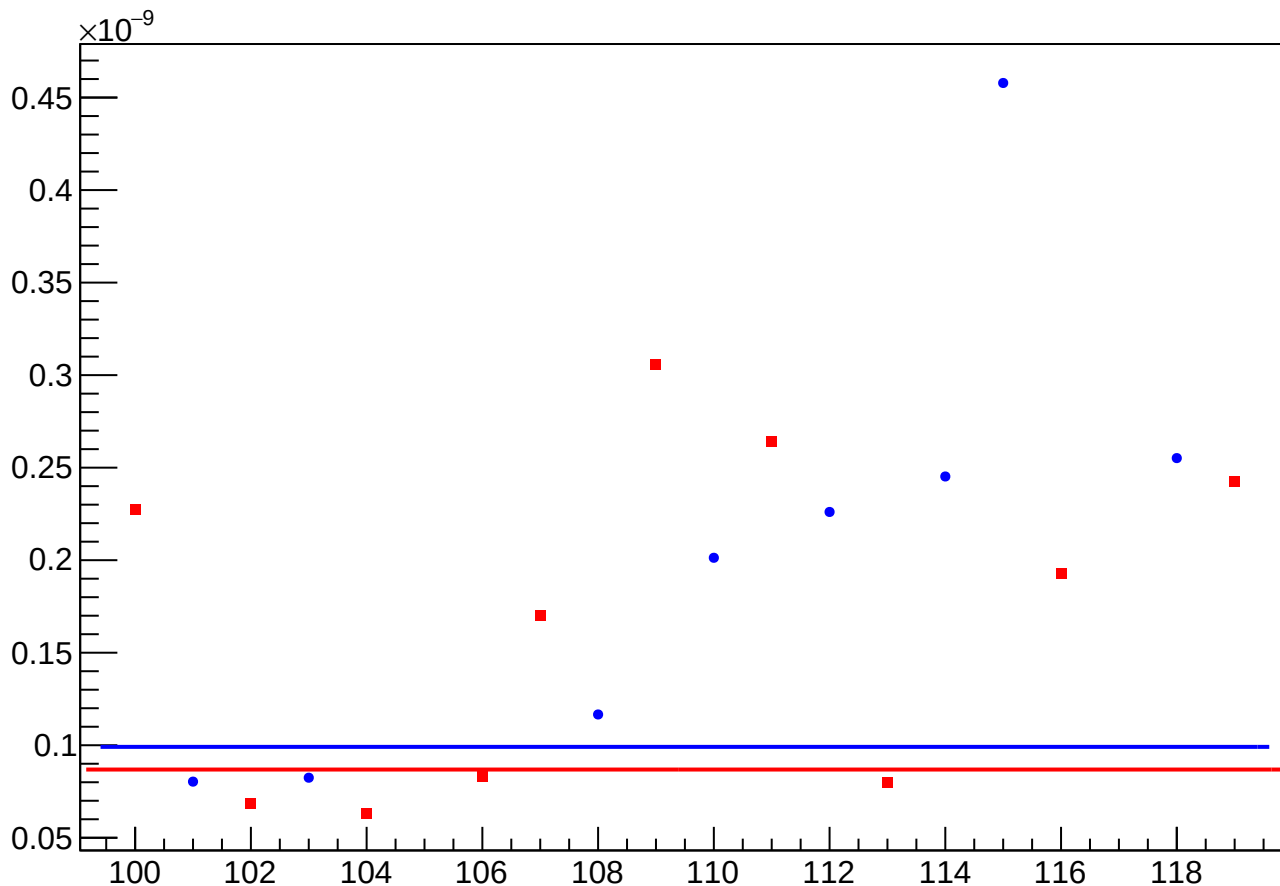
Right: -0.000+/-0.000 χ^2/NDF : 20.1/17

In: -0.000+/-0.000 χ^2/NDF :8.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/17

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 521041.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 838113.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

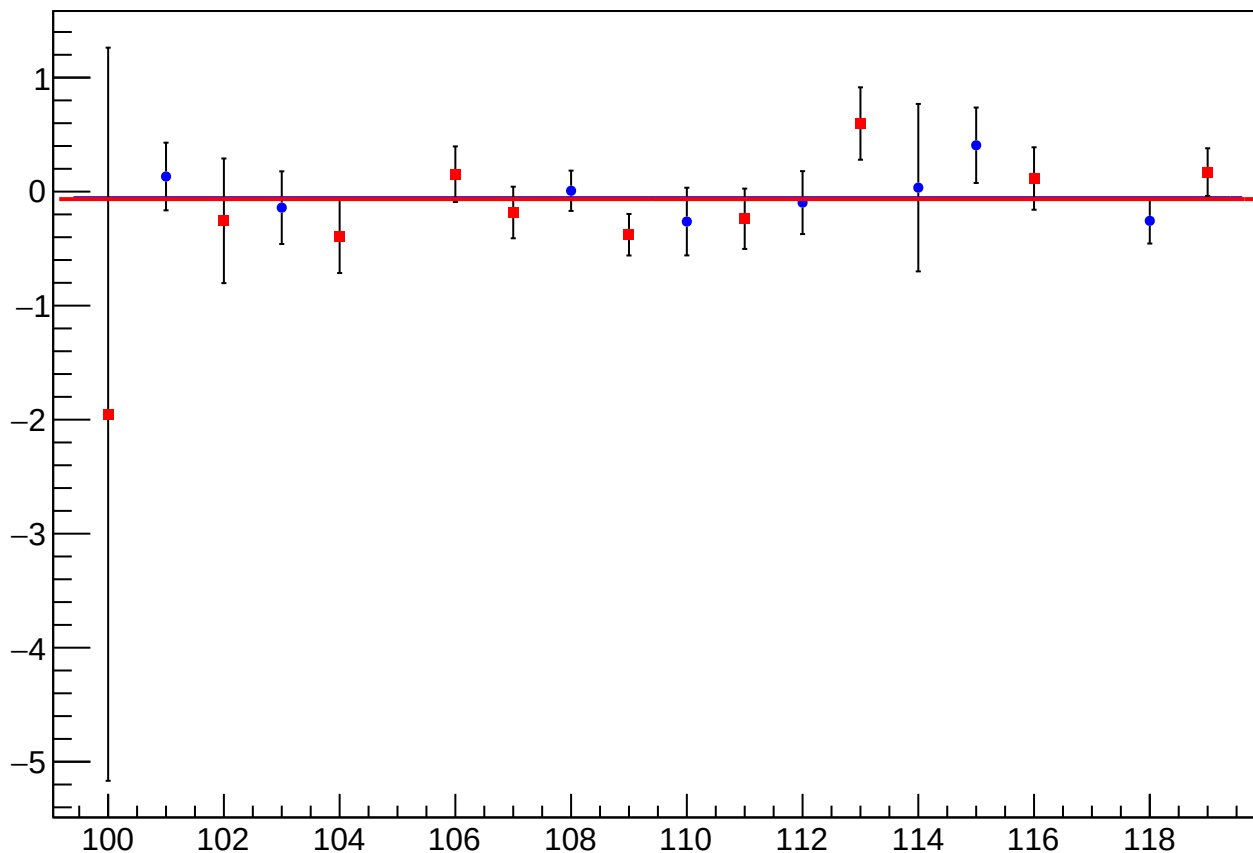
Right: 0.000+/-0.000 χ^2/NDF : 1379362.9/17

In: 0.000+/-0.000 χ^2/NDF : 521041.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1379362.9/17

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

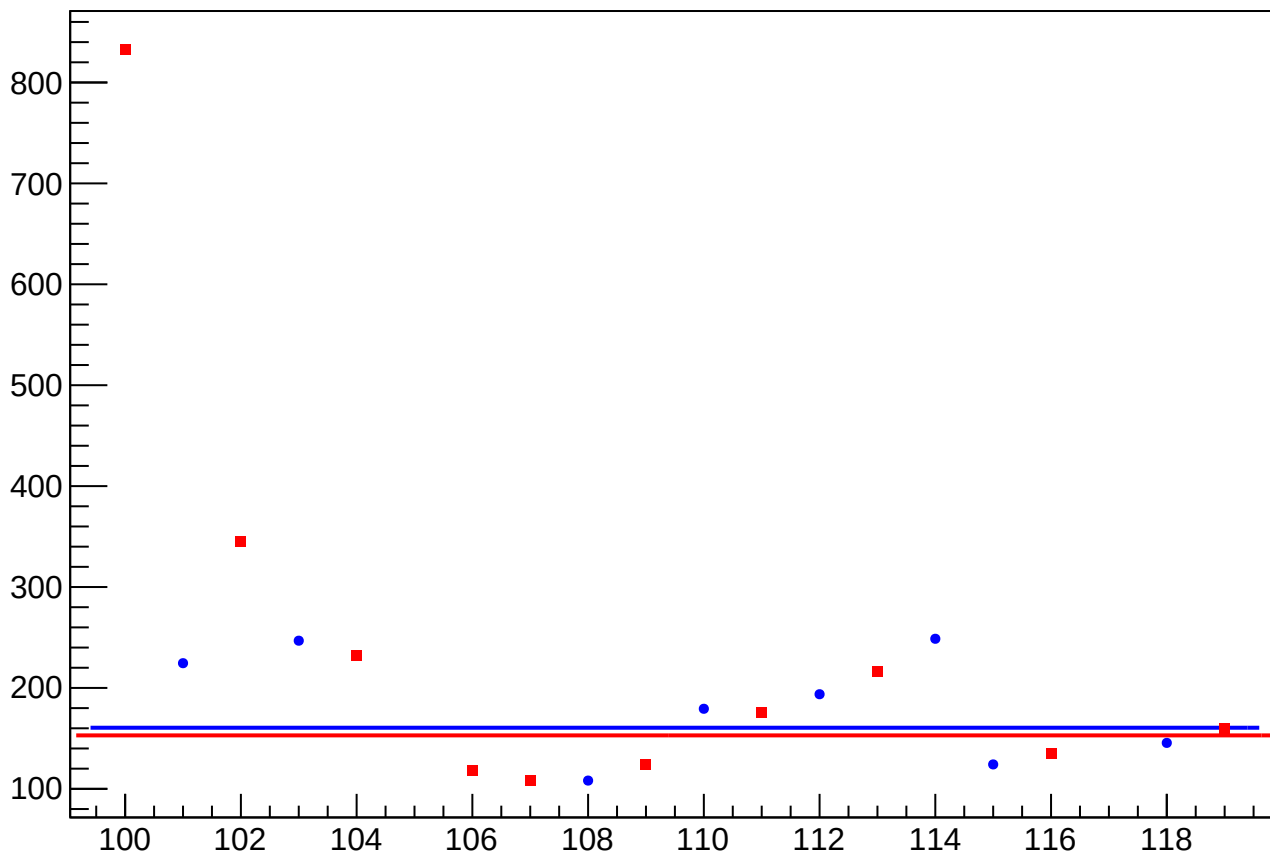
Right: -0.062 ± 0.063 χ^2/NDF : 16.1/17

In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.063 χ^2/NDF : 16.1/17

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.560+/-0.066 χ^2/NDF : 516539.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.969+/-0.060 χ^2/NDF : 730259.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

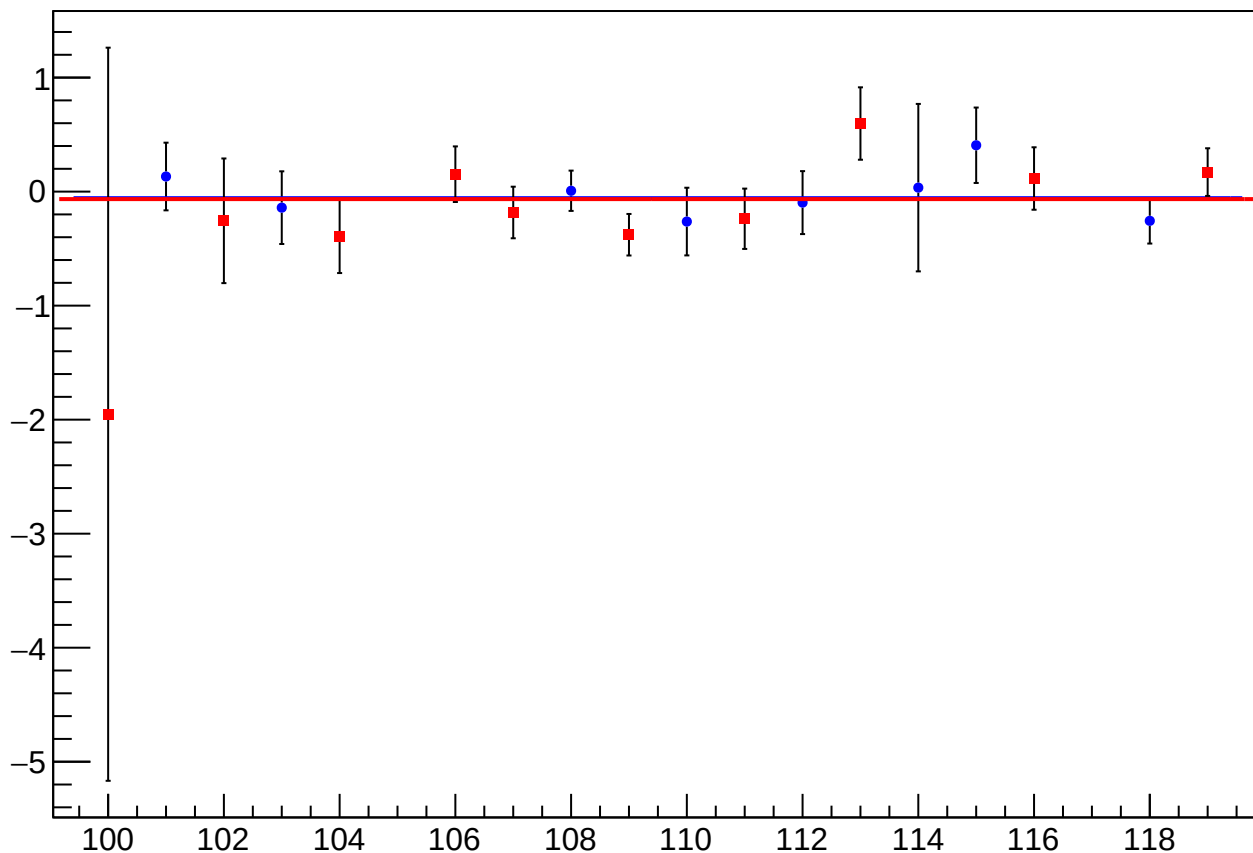
Right: 156.376+/-0.044 χ^2/NDF : 1254035.2/17

In: 160.560+/-0.066 χ^2/NDF : 516539.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.376+/-0.044 χ^2/NDF : 1254035.2/17

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

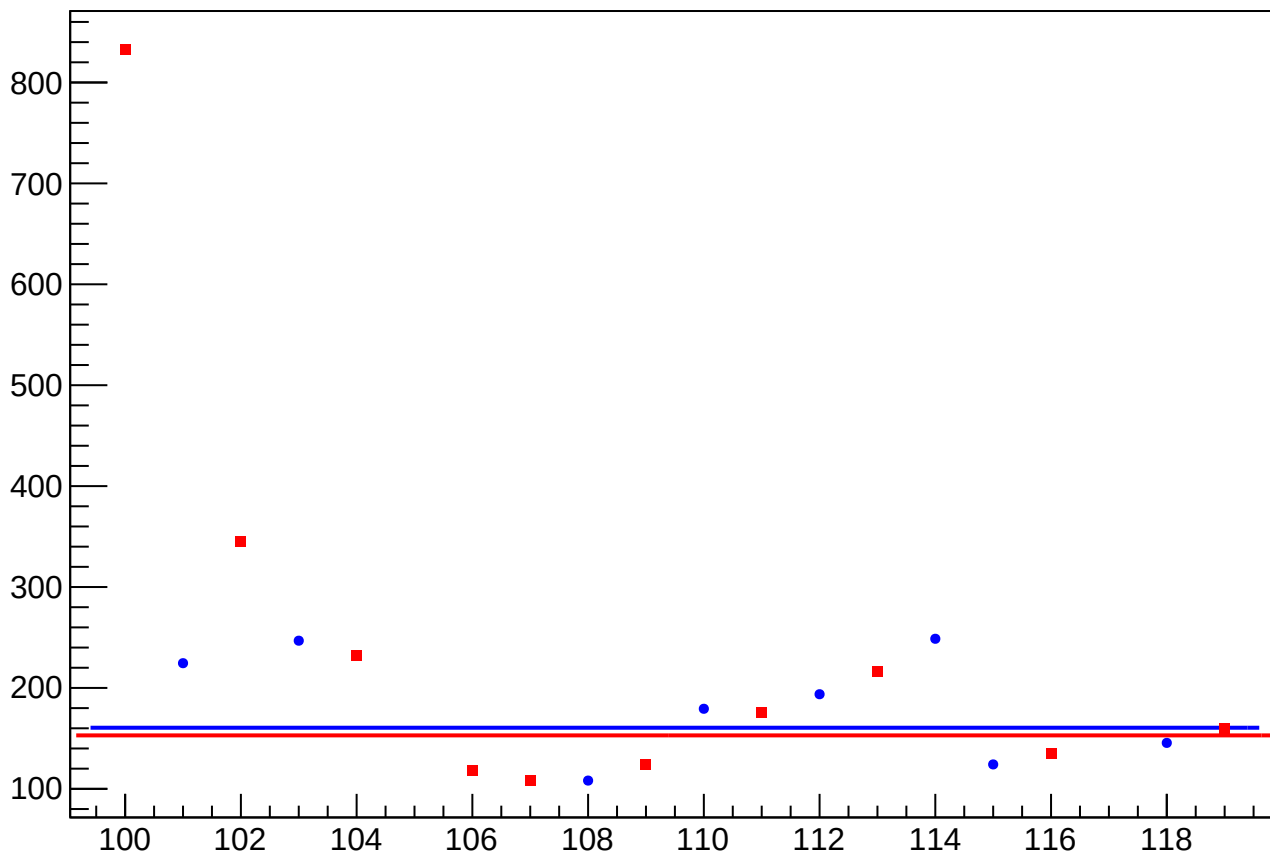
Right: -0.062 ± 0.063 χ^2/NDF : 16.1/17

In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.063 χ^2/NDF : 16.1/17

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.560+/-0.066 χ^2/NDF : 516539.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.969+/-0.060 χ^2/NDF : 730259.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

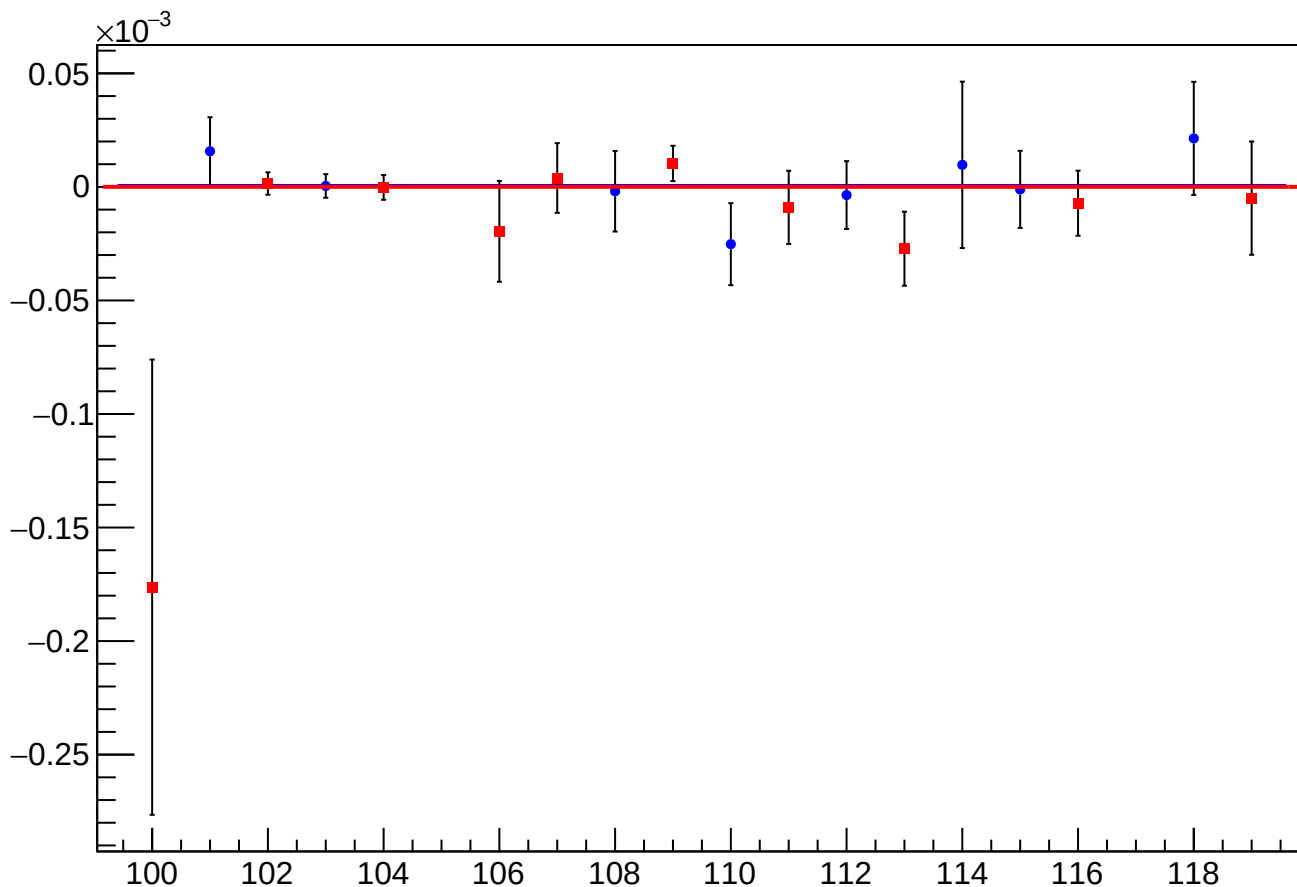
Right: 156.376+/-0.044 χ^2/NDF : 1254035.2/17

In: 160.560+/-0.066 χ^2/NDF : 516539.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.376+/-0.044 χ^2/NDF : 1254035.2/17

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

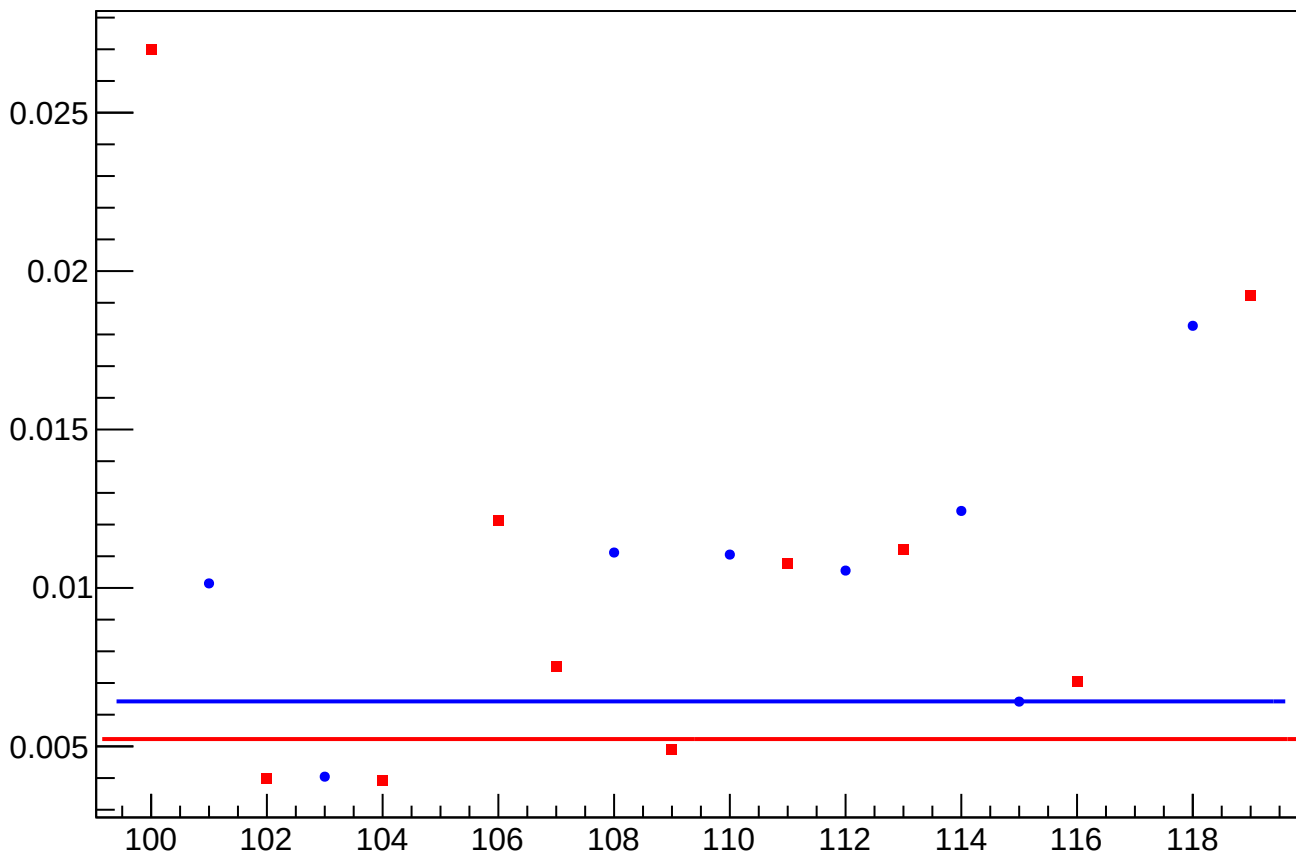
Right: 0.000+/-0.000 χ^2/NDF : 13.1/17

In: 0.000+/-0.000 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/17

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1473227.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1747838.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

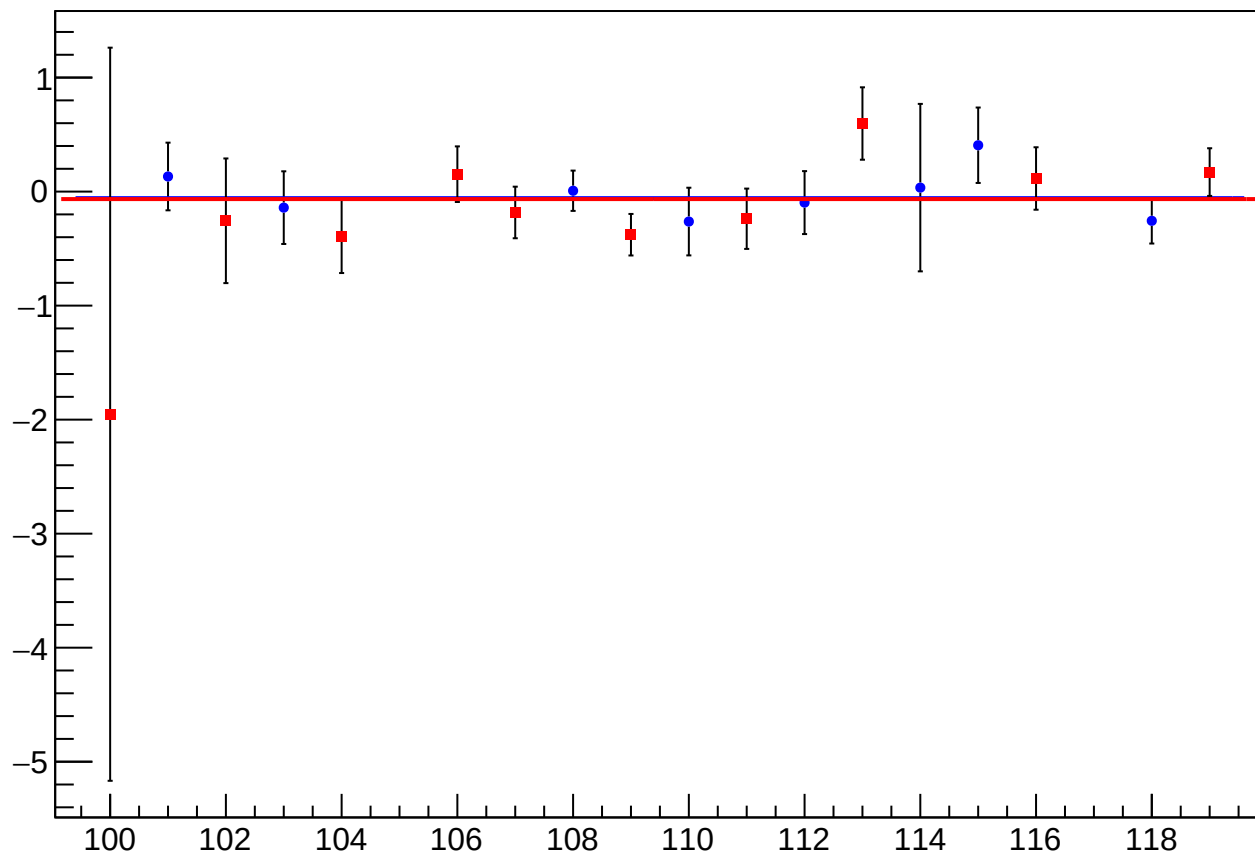
Right: 0.006+/-0.000 χ^2/NDF : 3329020.6/17

In: 0.006+/-0.000 χ^2/NDF :1473227.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3329020.6/17

asym_atr_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

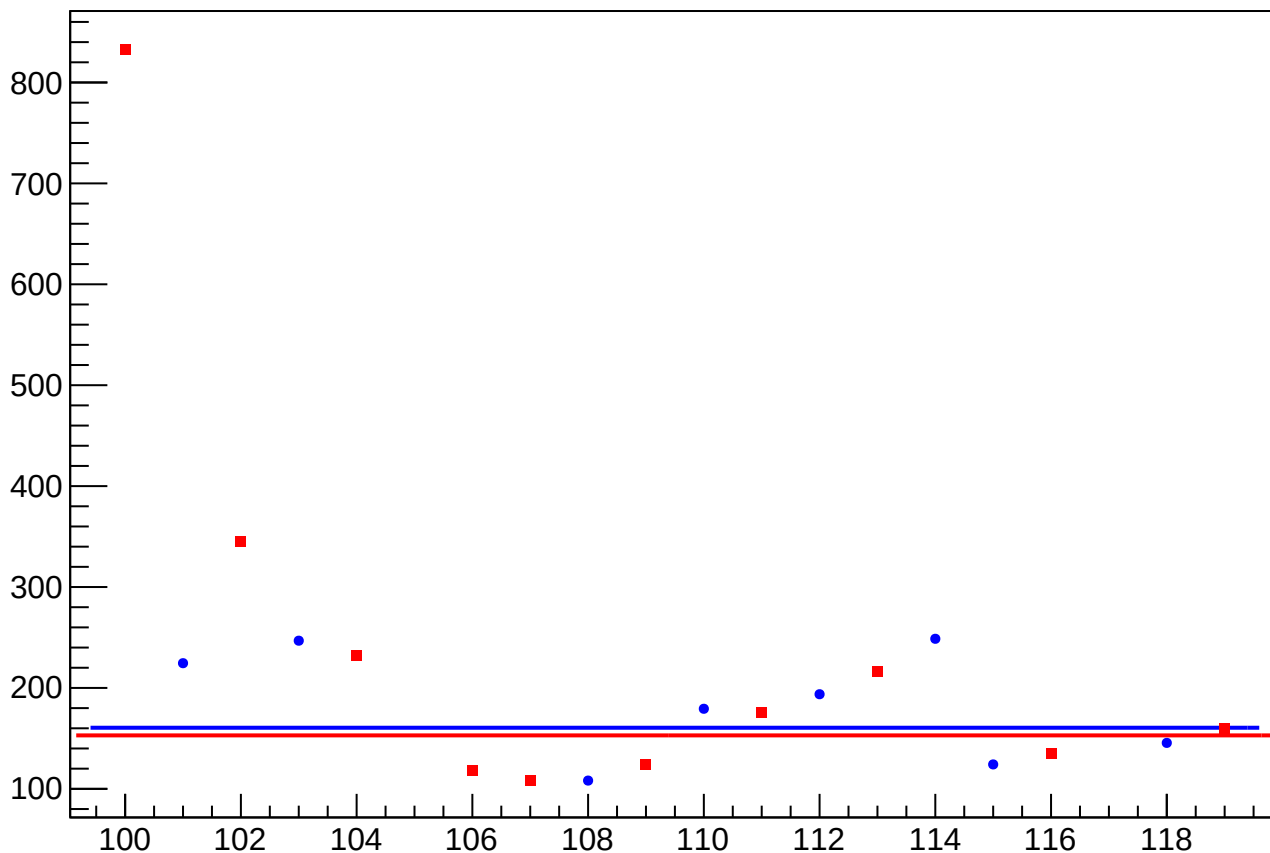
Right: -0.062 ± 0.063 χ^2/NDF : 16.1/17

In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.063 χ^2/NDF : 16.1/17

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.557+/-0.066 χ^2/NDF : 516585.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.970+/-0.060 χ^2/NDF : 730263.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

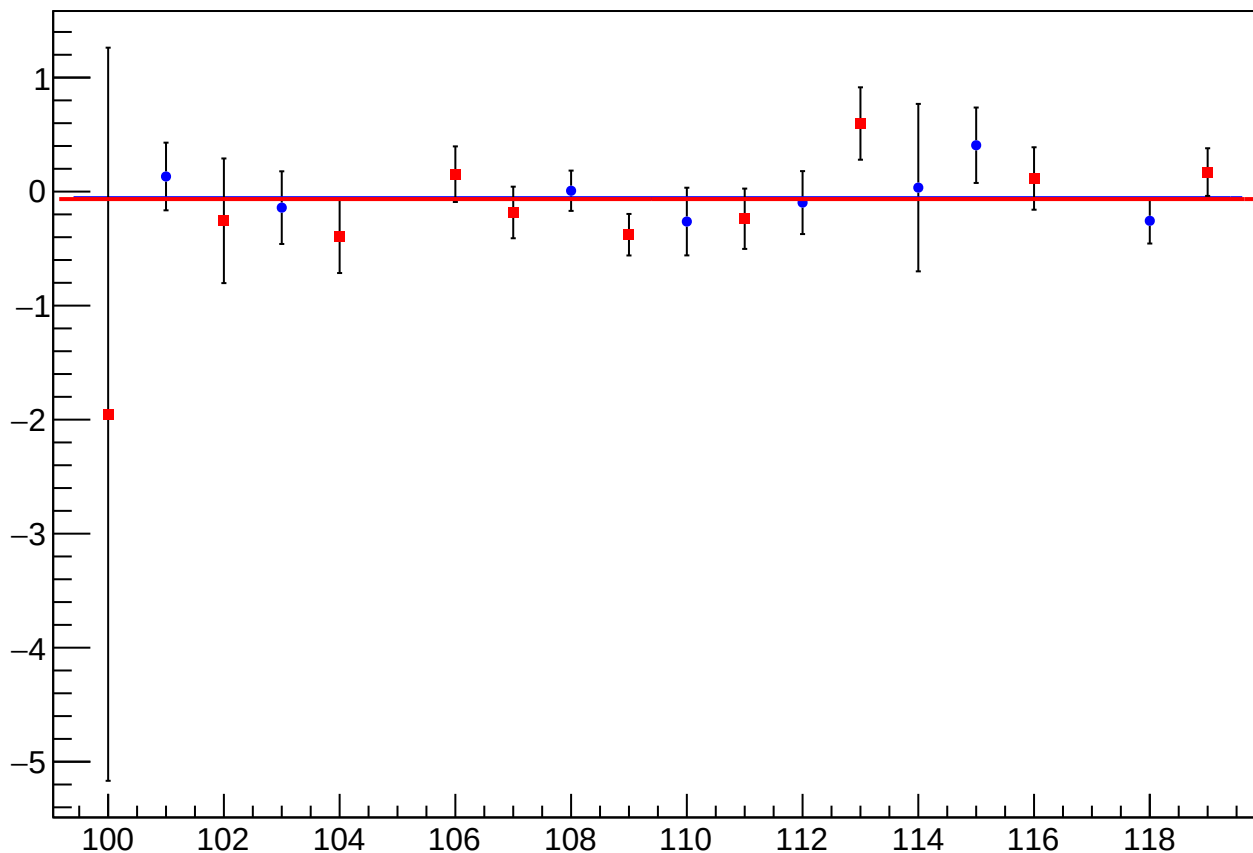
Right: 156.375+/-0.044 χ^2/NDF : 1254077.8/17

In: 160.557+/-0.066 χ^2/NDF : 516585.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.375+/-0.044 χ^2/NDF : 1254077.8/17

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.066 ± 0.085 χ^2/NDF : 12.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

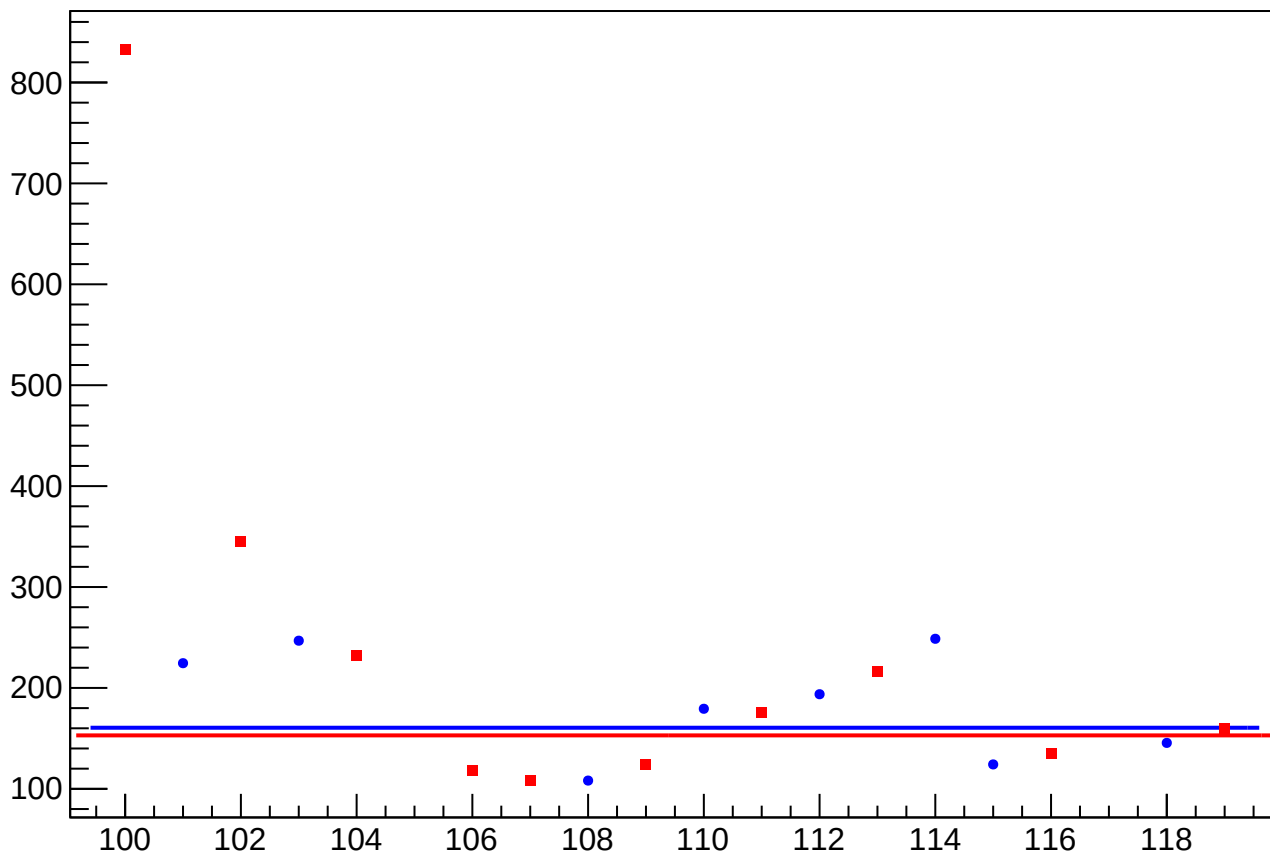
Right: -0.062 ± 0.063 χ^2/NDF : 16.1/17

In: -0.058 ± 0.094 χ^2/NDF : 4.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.063 χ^2/NDF : 16.1/17

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.557+/-0.066 χ^2/NDF : 516585.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.970+/-0.060 χ^2/NDF : 730263.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

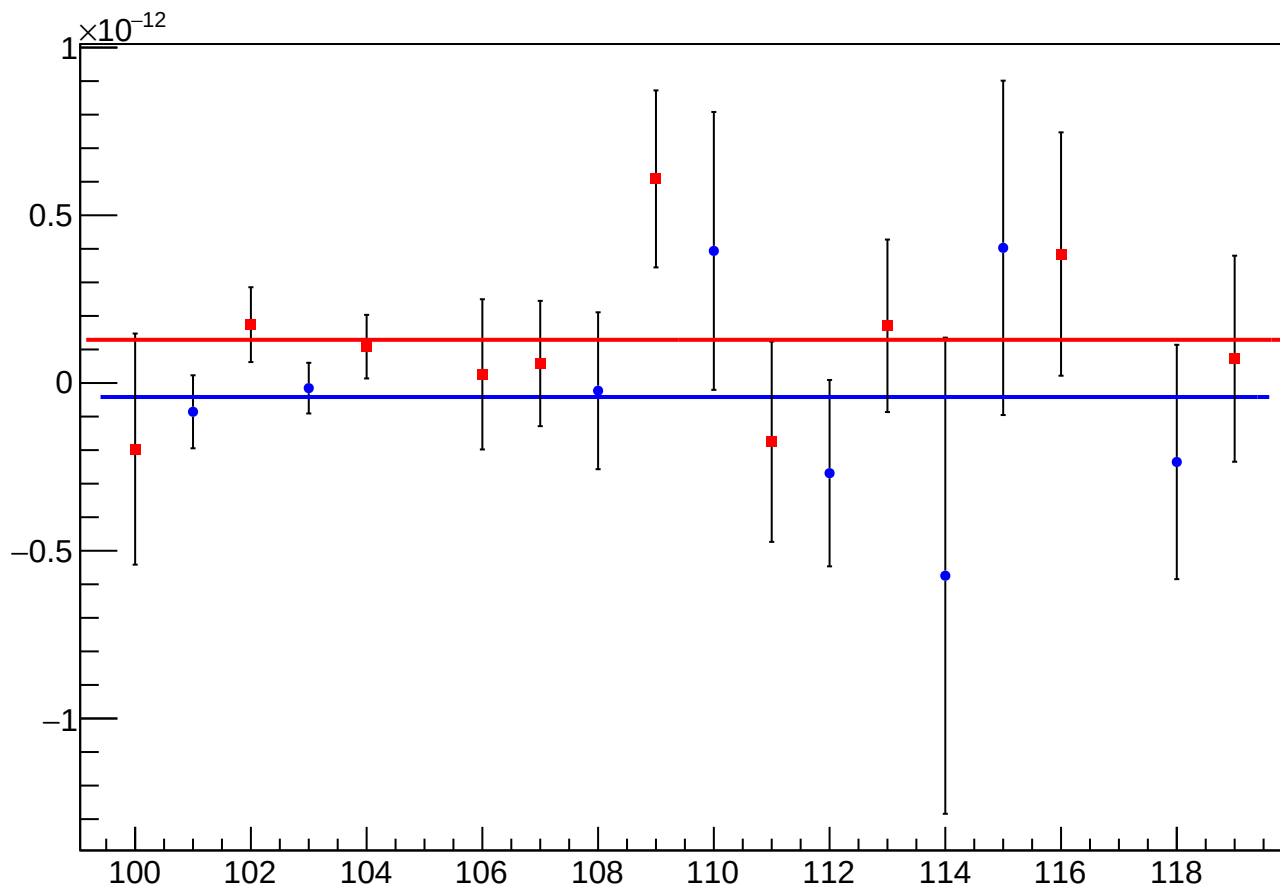
Right: 156.375+/-0.044 χ^2/NDF : 1254077.8/17

In: 160.557+/-0.066 χ^2/NDF : 516585.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.375+/-0.044 χ^2/NDF : 1254077.8/17

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

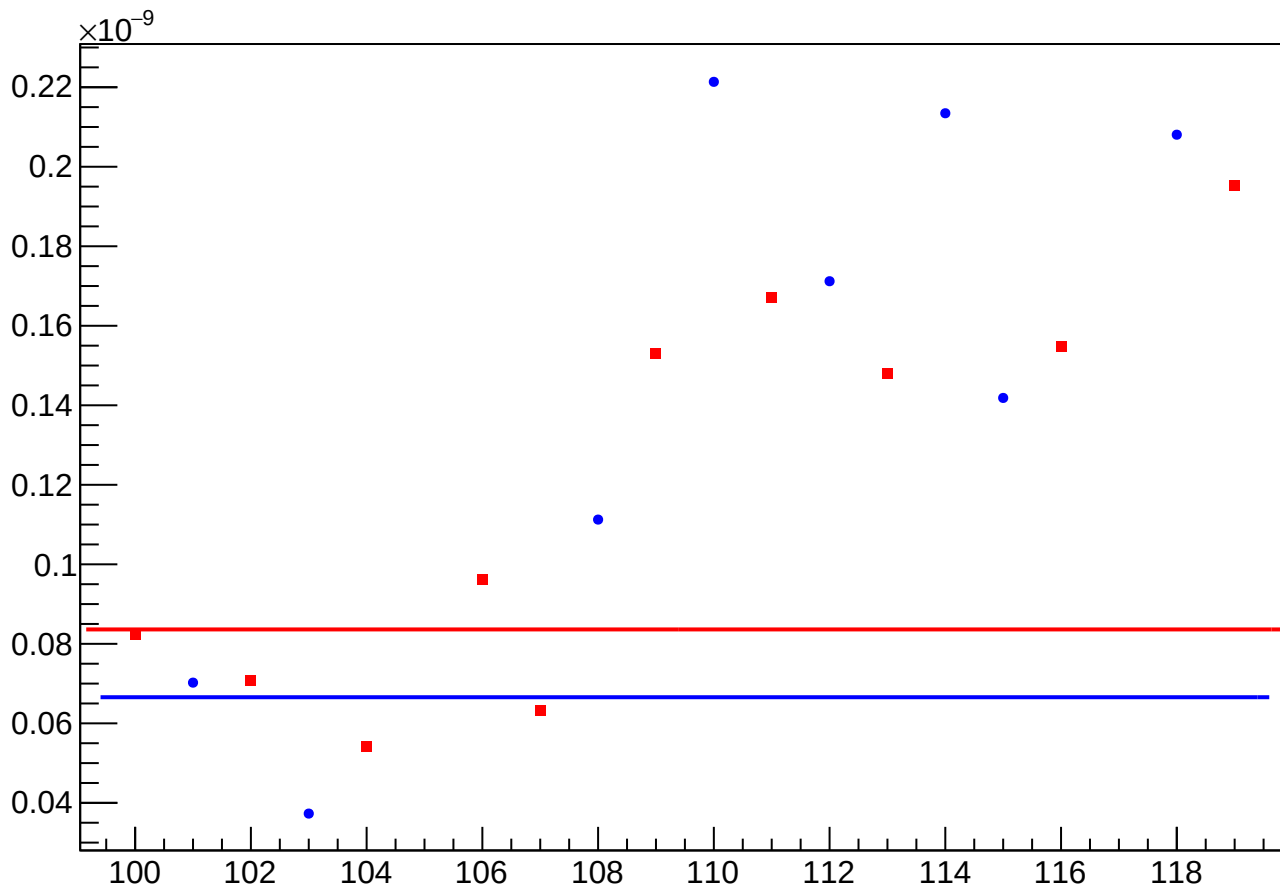
Right: 0.000+/-0.000 χ^2/NDF : 14.6/17

In: -0.000+/-0.000 χ^2/NDF :3.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/17

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1398709.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1009319.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

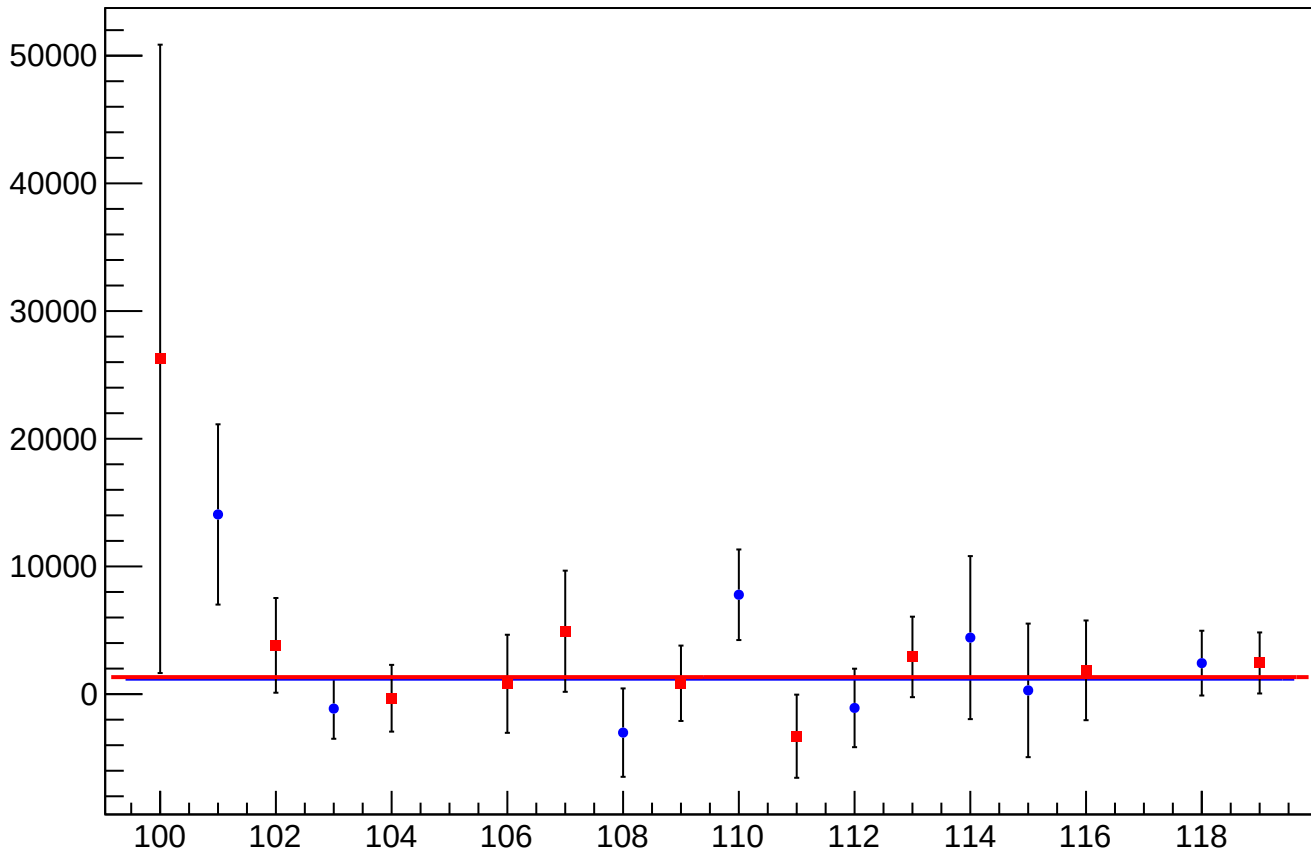
Right: 0.000+/-0.000 χ^2/NDF : 2497997.8/17

In: 0.000+/-0.000 χ^2/NDF : 1398709.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2497997.8/17

reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1210.201+/-1208.637 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.269+/-1064.020 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

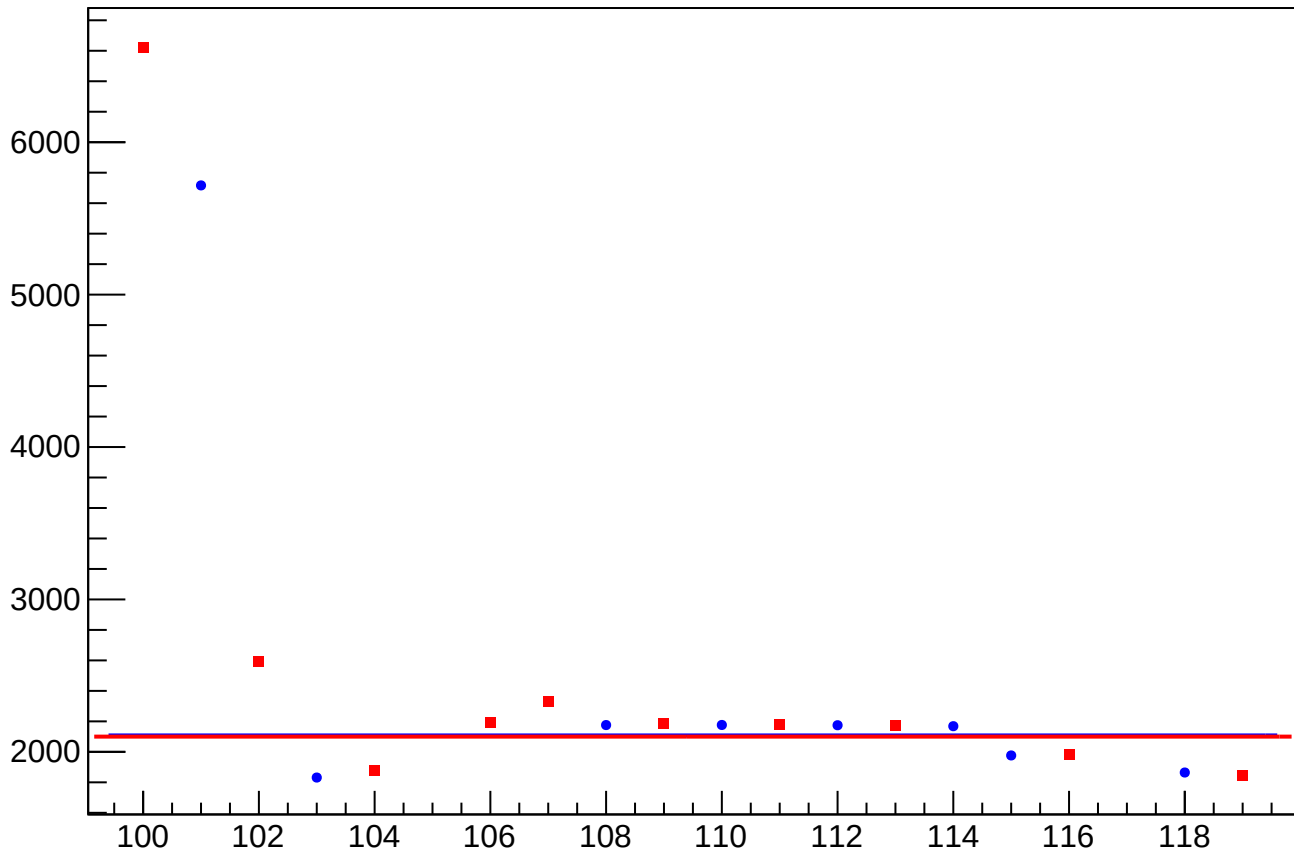
Right: 1278.971+/-798.637 χ^2/NDF : 15.3/17

In: 1210.201+/-1208.637 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.971+/-798.637 χ^2/NDF : 15.3/17

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2107.738+/-0.855 χ^2/NDF : 572321.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2099.947+/-0.752 χ^2/NDF : 151340.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

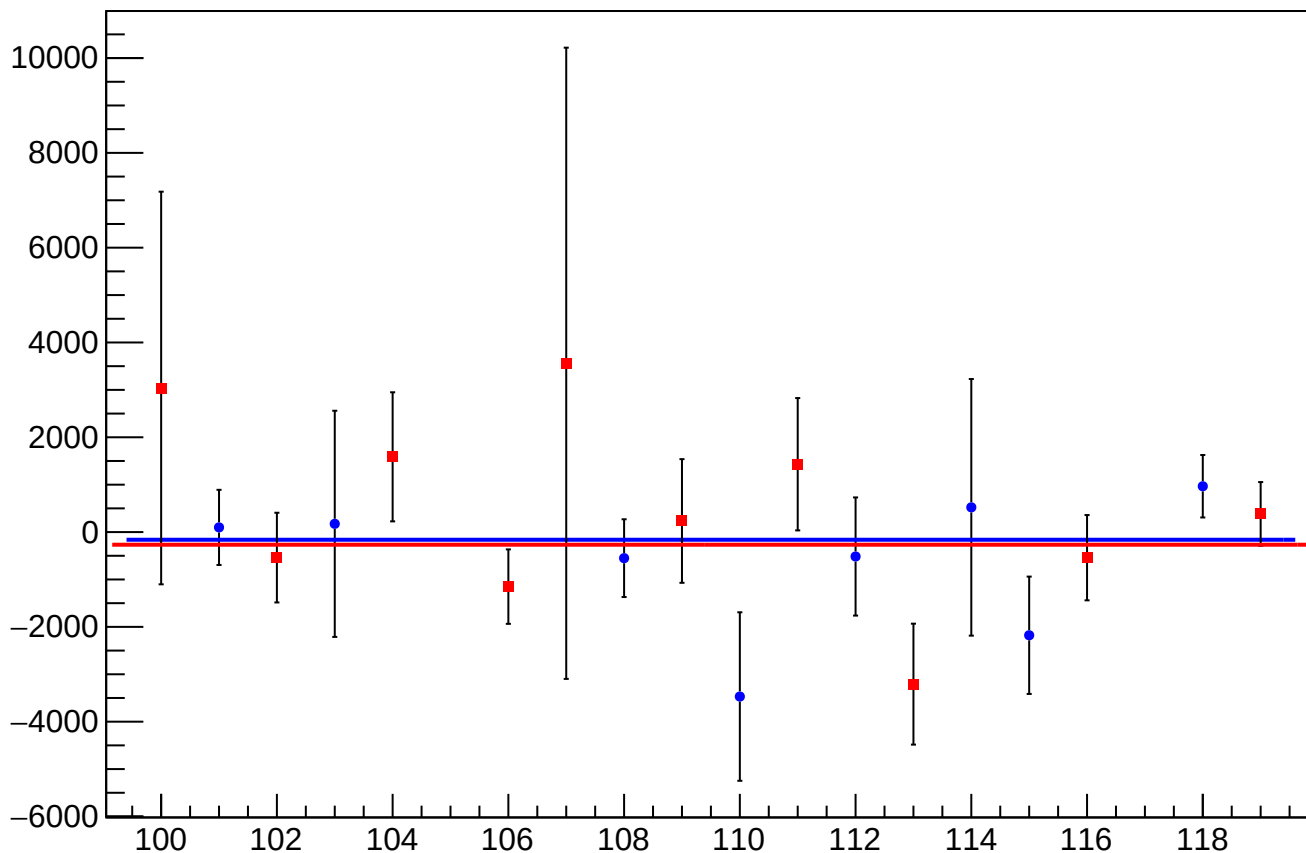
Right: 2103.349+/-0.565 χ^2/NDF : 723708.2/17

In: 2107.738+/-0.855 χ^2/NDF : 572321.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.349+/-0.565 χ^2/NDF : 723708.2/17

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -161.770+/-369.949 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -266.698+/-342.563 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

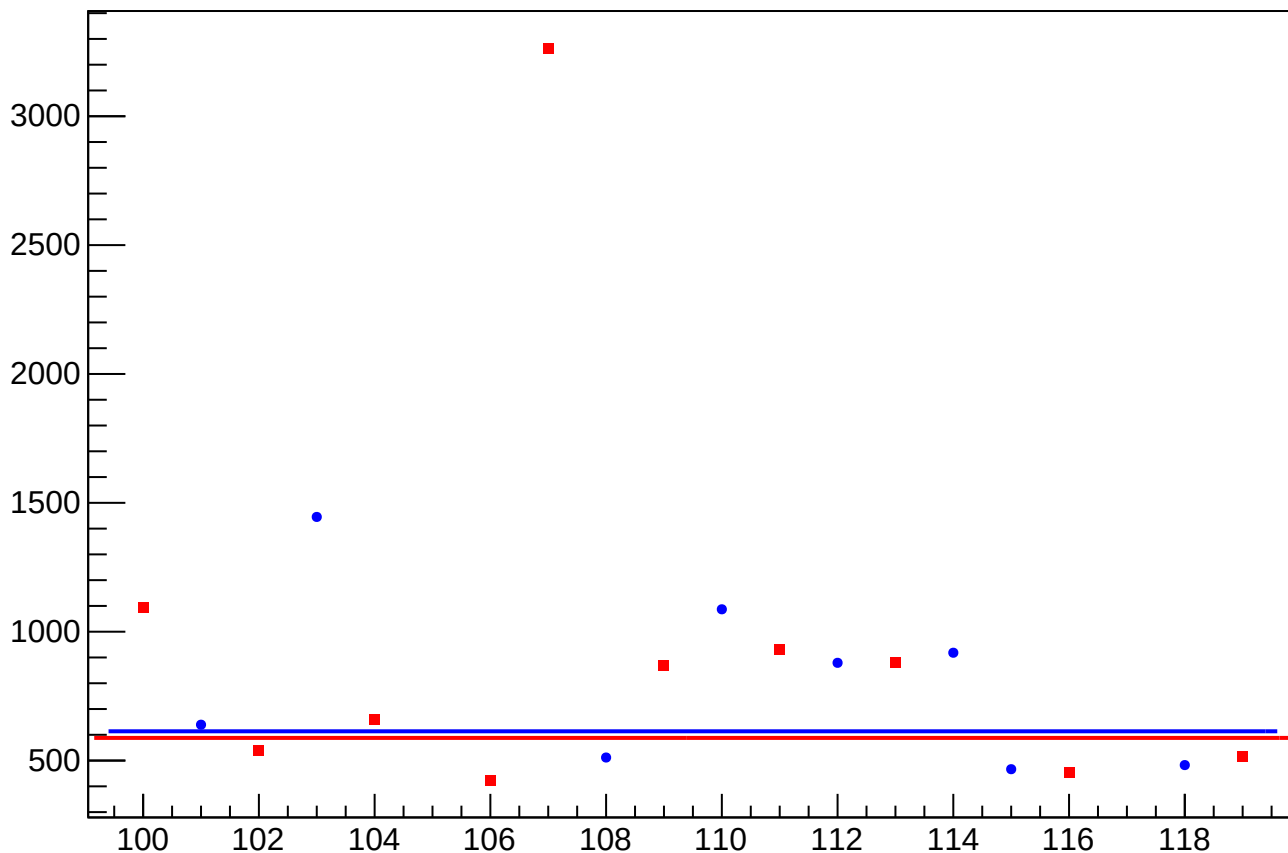
Right: -218.261+/-251.353 χ^2/NDF : 21.7/17

In: -161.770+/-369.949 χ^2/NDF :9.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -218.261+/-251.353 χ^2/NDF : 21.7/17

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 613.599+/-0.262 χ^2/NDF : 641430.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.921+/-0.242 χ^2/NDF : 837677.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

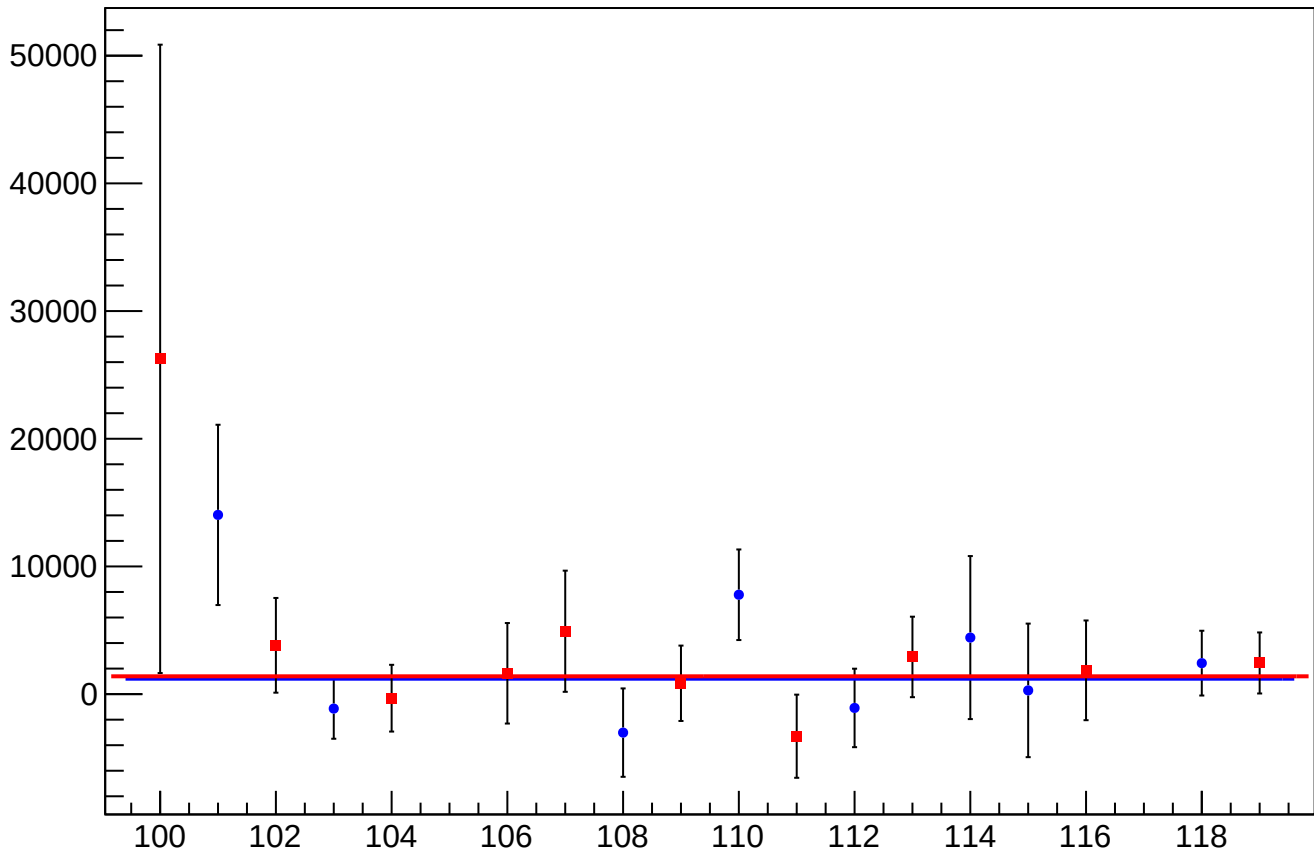
Right: 599.774+/-0.178 χ^2/NDF : 1484295.4/17

In: 613.599+/-0.262 χ^2/NDF : 641430.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.774+/-0.178 χ^2/NDF : 1484295.4/17

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1209.535+/-1208.637 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.177+/-1065.977 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

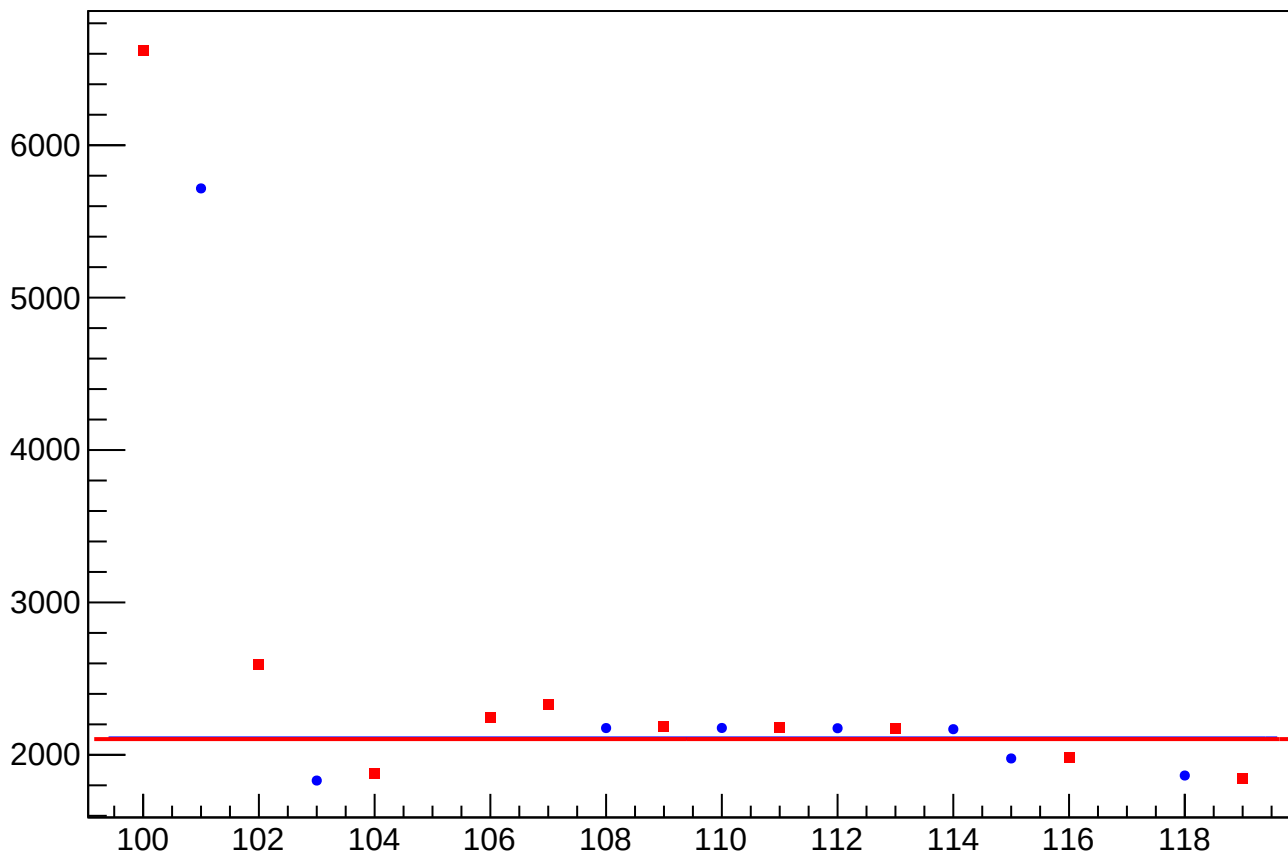
Right: 1313.953+/-799.463 χ^2/NDF : 15.3/17

In: 1209.535+/-1208.637 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.953+/-799.463 χ^2/NDF : 15.3/17

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2107.737+/-0.855 χ^2/NDF : 572321.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.330+/-0.754 χ^2/NDF : 152810.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

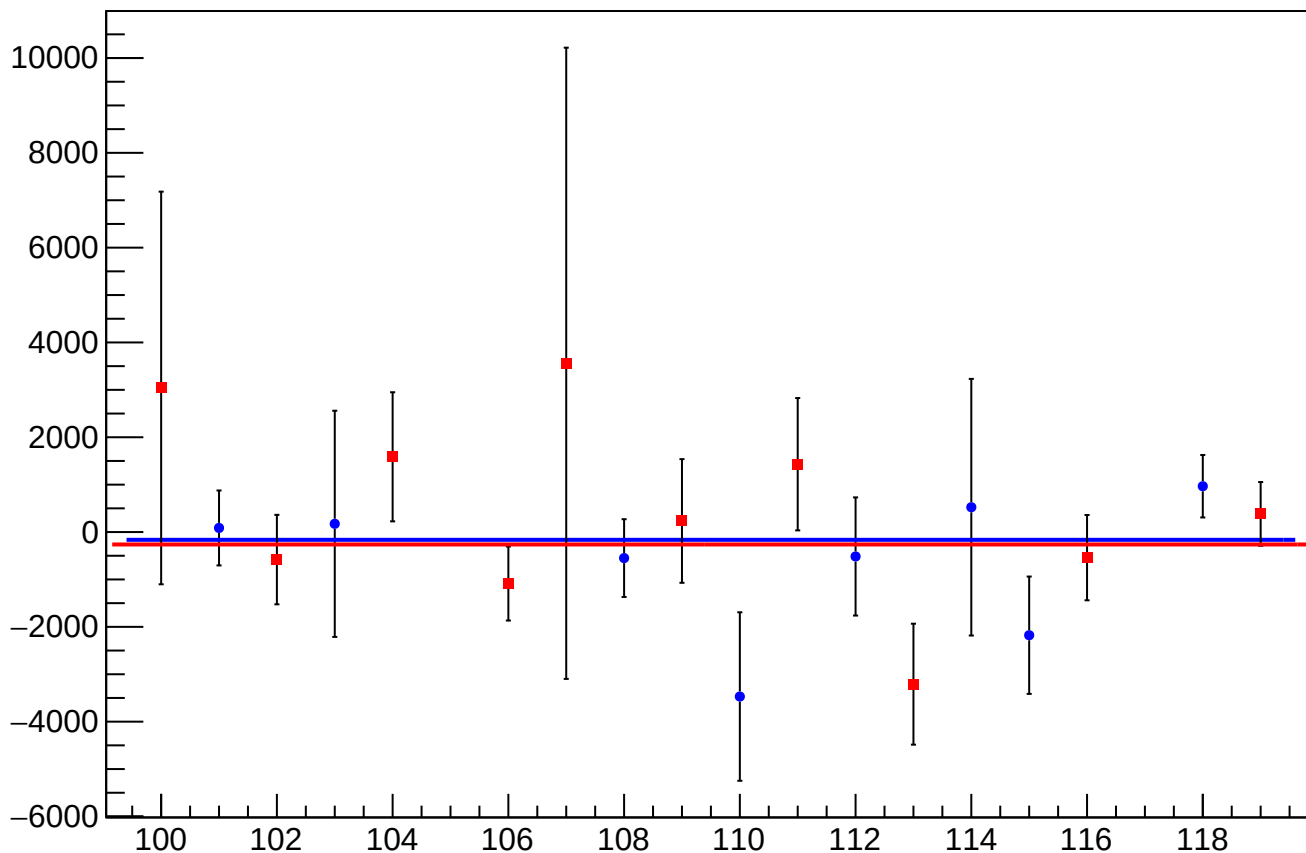
Right: 2105.258+/-0.565 χ^2/NDF : 725147.3/17

In: 2107.737+/-0.855 χ^2/NDF : 572321.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.258+/-0.565 χ^2/NDF : 725147.3/17

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -163.924+/-369.741 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.009+/-342.083 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

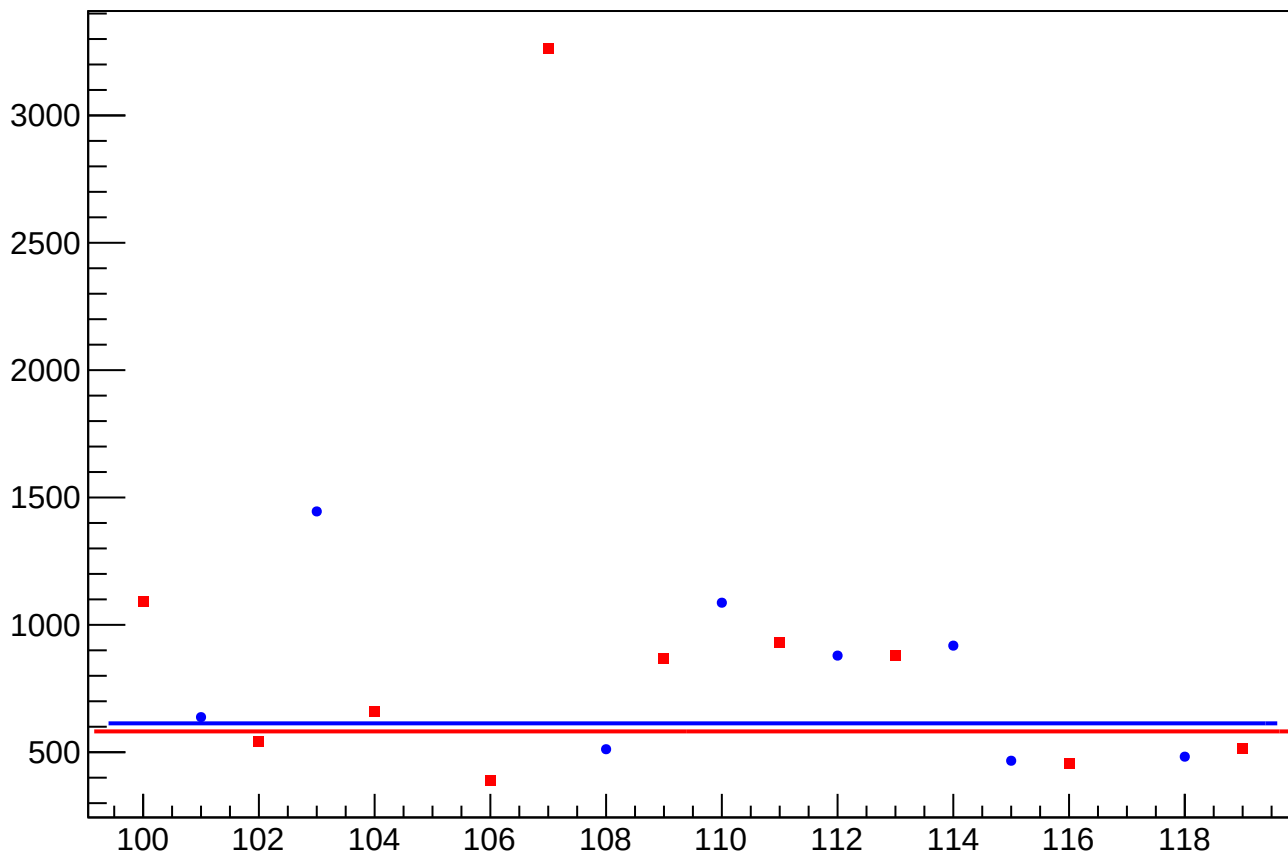
Right: -216.772+/-251.098 χ^2/NDF : 21.6/17

In: -163.924+/-369.741 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.772+/-251.098 χ^2/NDF : 21.6/17

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 613.310+/-0.261 χ^2/NDF : 641238.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.677+/-0.242 χ^2/NDF : 877545.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

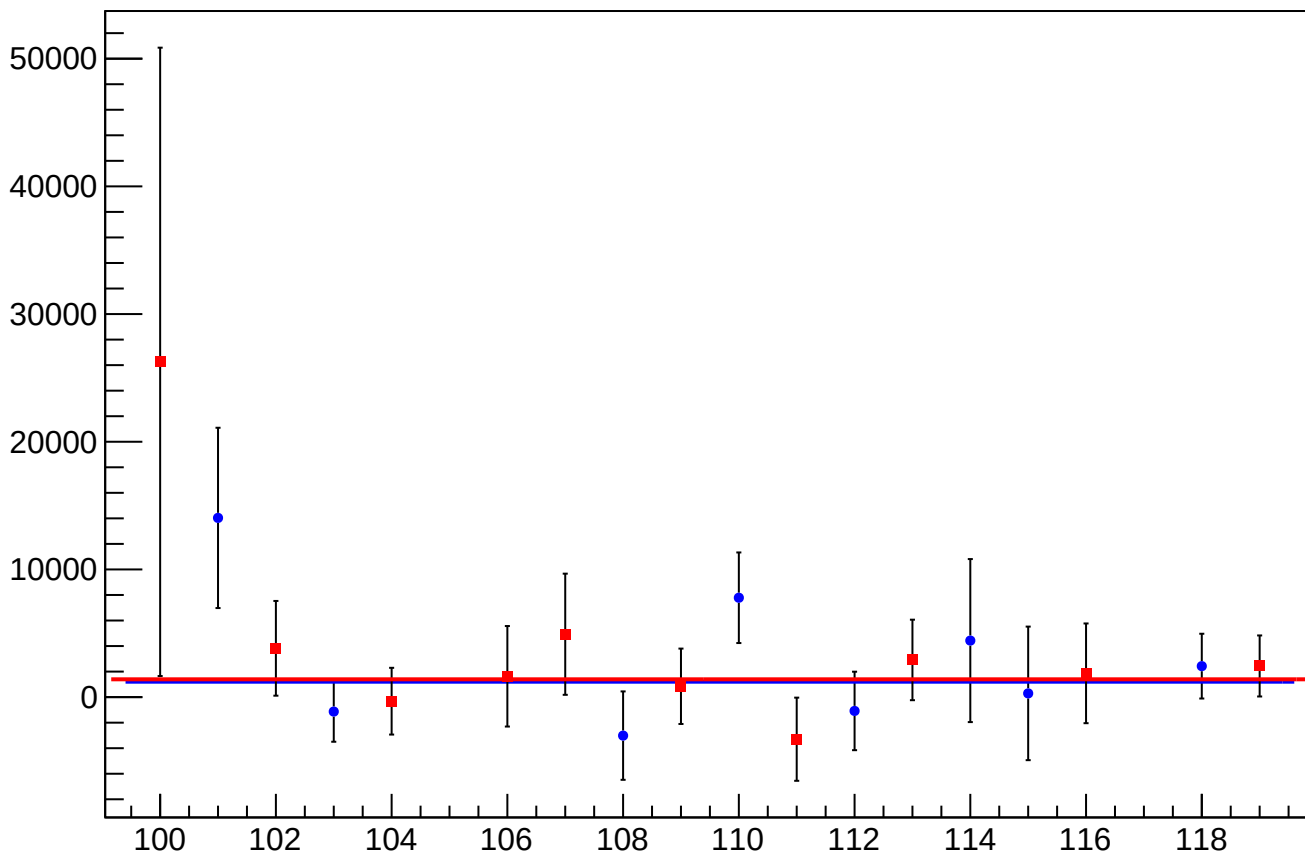
Right: 596.266+/-0.178 χ^2/NDF : 1526671.6/17

In: 613.310+/-0.261 χ^2/NDF : 641238.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.266+/-0.178 χ^2/NDF : 1526671.6/17

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1209.535+/-1208.637 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.177+/-1065.977 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

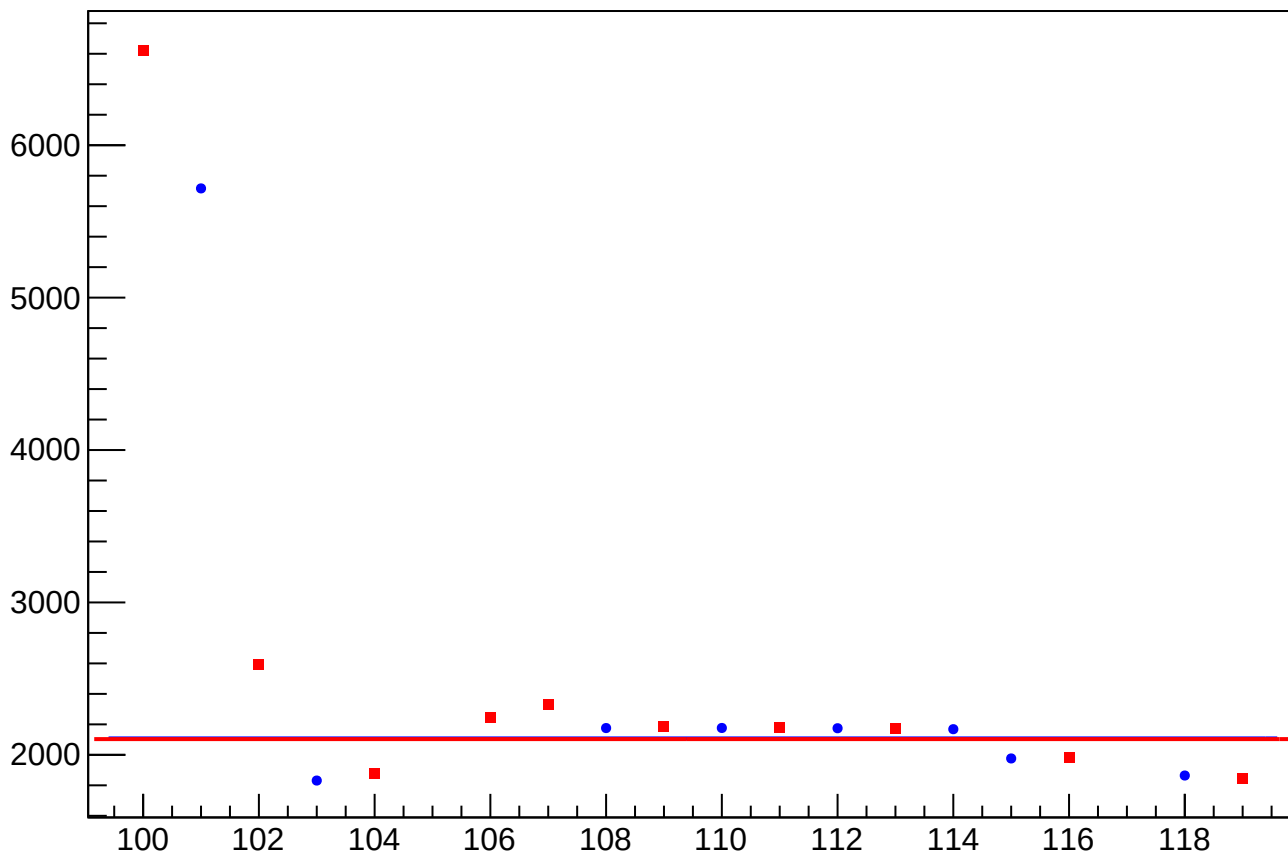
Right: 1313.953+/-799.463 χ^2/NDF : 15.3/17

In: 1209.535+/-1208.637 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1313.953+/-799.463 χ^2/NDF : 15.3/17

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2107.737+/-0.855 χ^2/NDF : 572321.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2103.330+/-0.754 χ^2/NDF : 152810.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

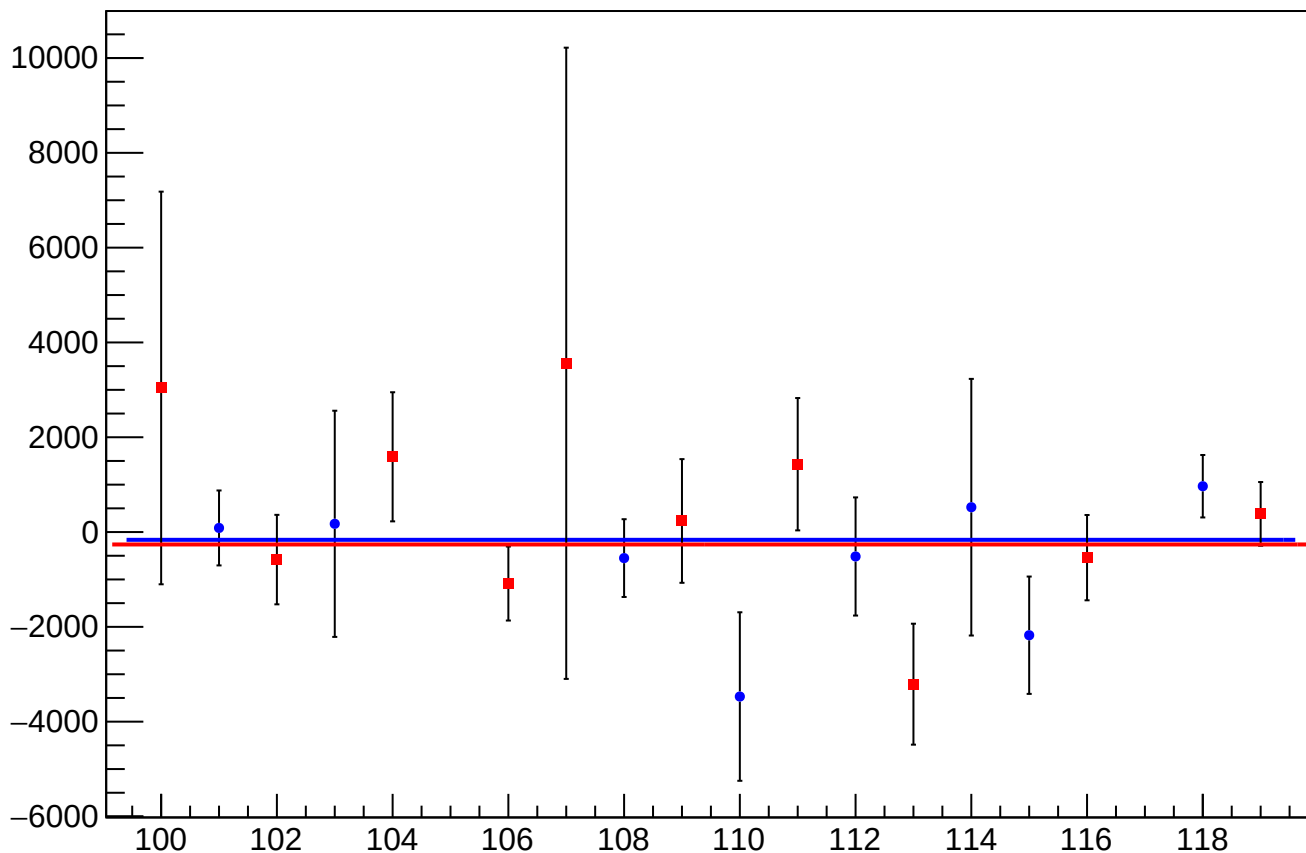
Right: 2105.258+/-0.565 χ^2/NDF : 725147.3/17

In: 2107.737+/-0.855 χ^2/NDF : 572321.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.258+/-0.565 χ^2/NDF : 725147.3/17

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -163.924+/-369.741 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.009+/-342.083 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

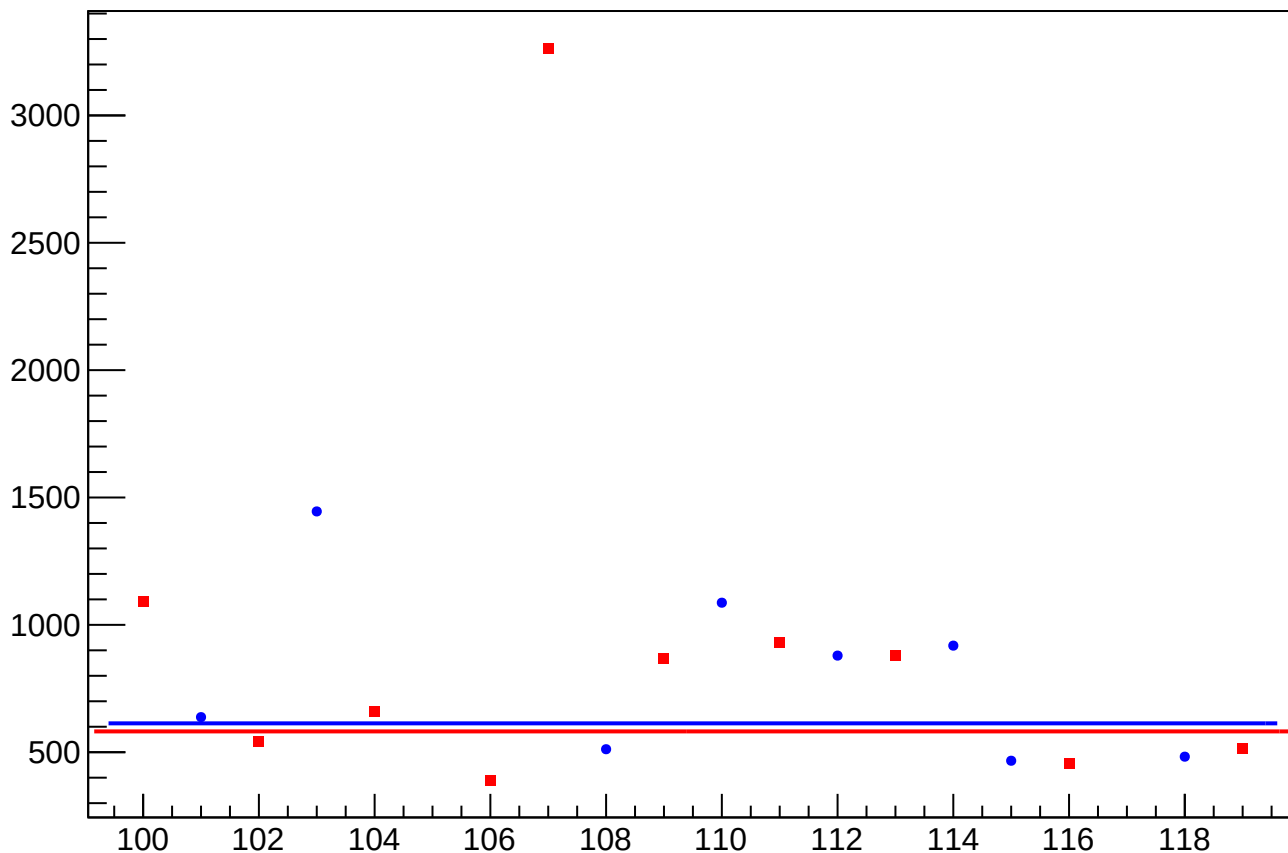
Right: -216.772+/-251.098 χ^2/NDF : 21.6/17

In: -163.924+/-369.741 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.772+/-251.098 χ^2/NDF : 21.6/17

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 613.310+/-0.261 χ^2/NDF : 641238.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.677+/-0.242 χ^2/NDF : 877545.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

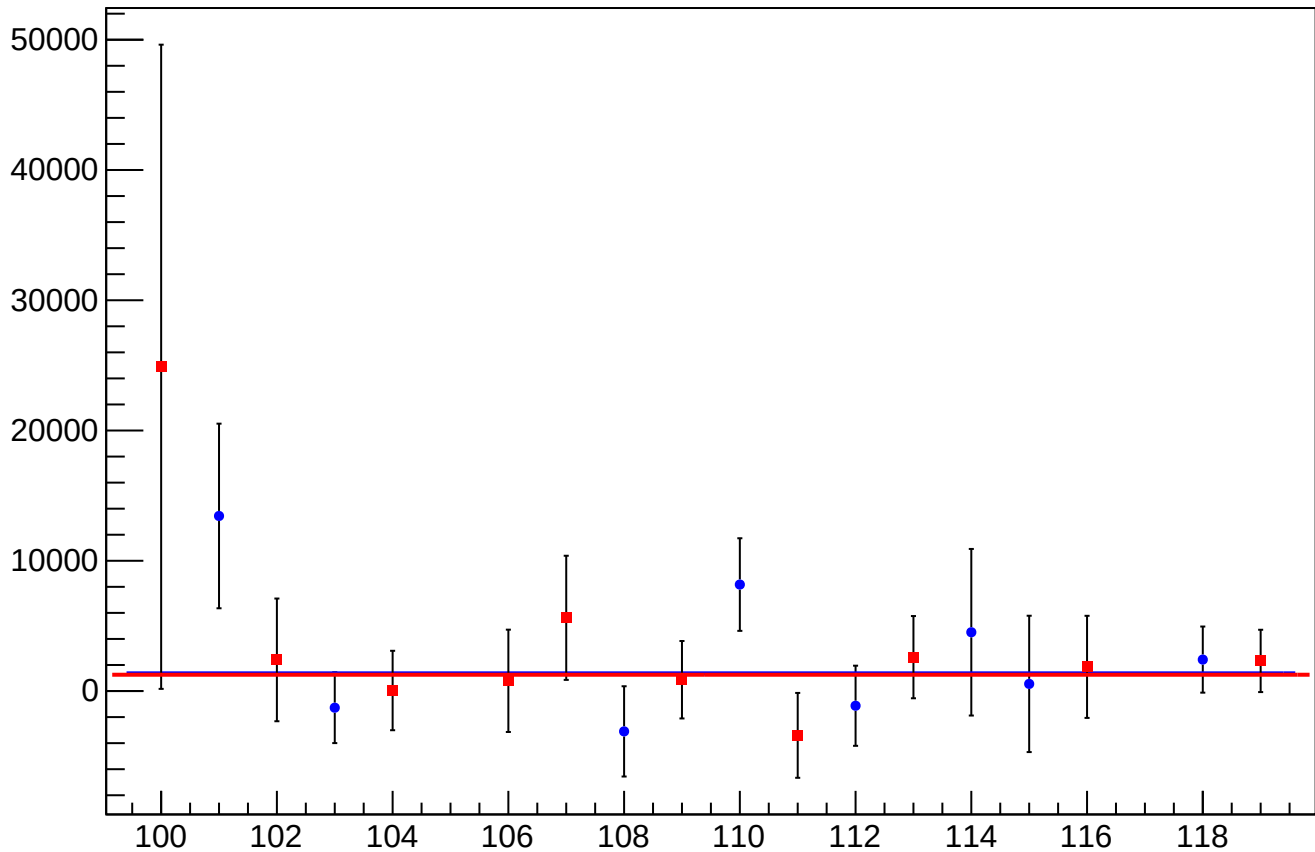
Right: 596.266+/-0.178 χ^2/NDF : 1526671.6/17

In: 613.310+/-0.261 χ^2/NDF : 641238.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.266+/-0.178 χ^2/NDF : 1526671.6/17

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1358.819+/-1250.230 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.068+/-1110.527 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

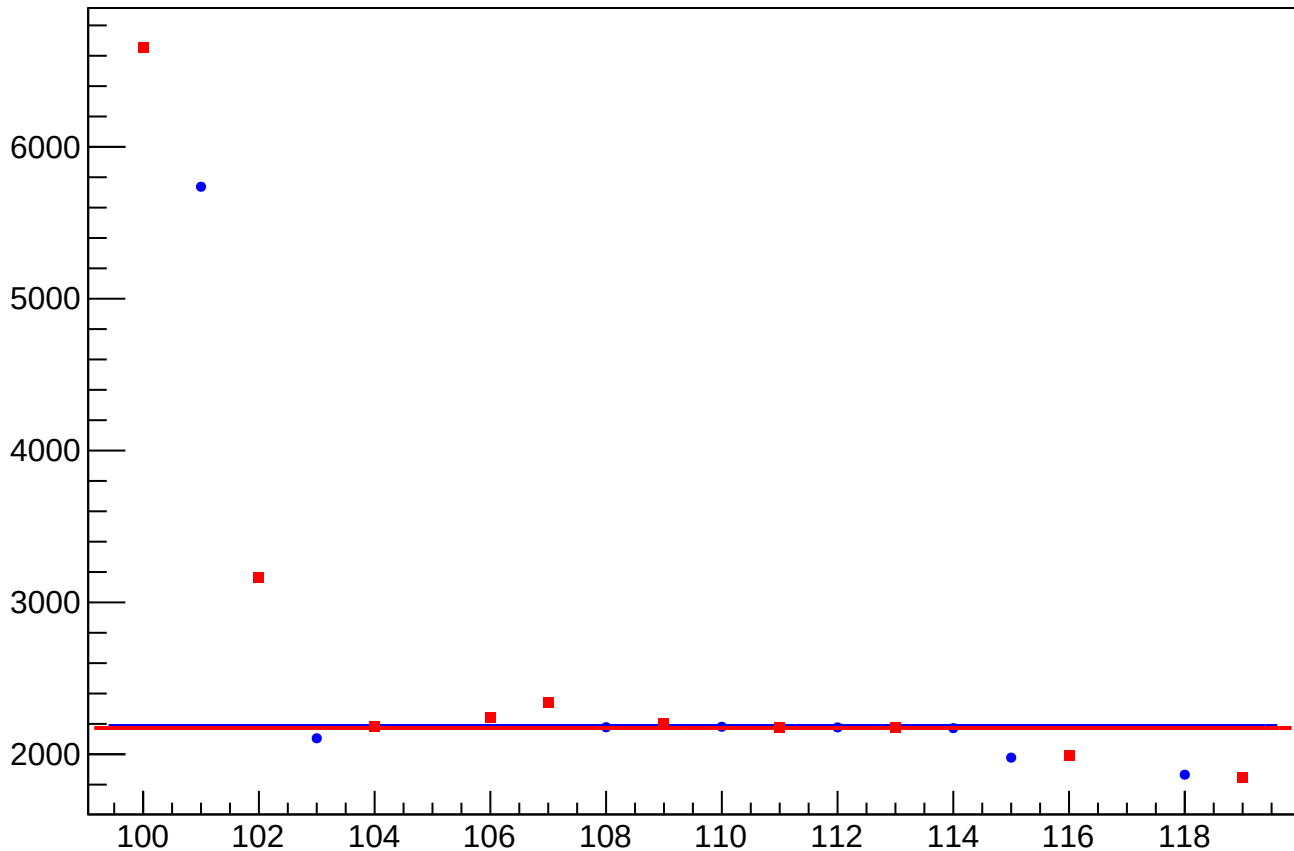
Right: 1299.148+/-830.278 χ^2/NDF : 14.7/17

In: 1358.819+/-1250.230 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.148+/-830.278 χ^2/NDF : 14.7/17

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2186.010+/-0.884 χ^2/NDF : 539283.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.187+/-0.785 χ^2/NDF : 198923.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

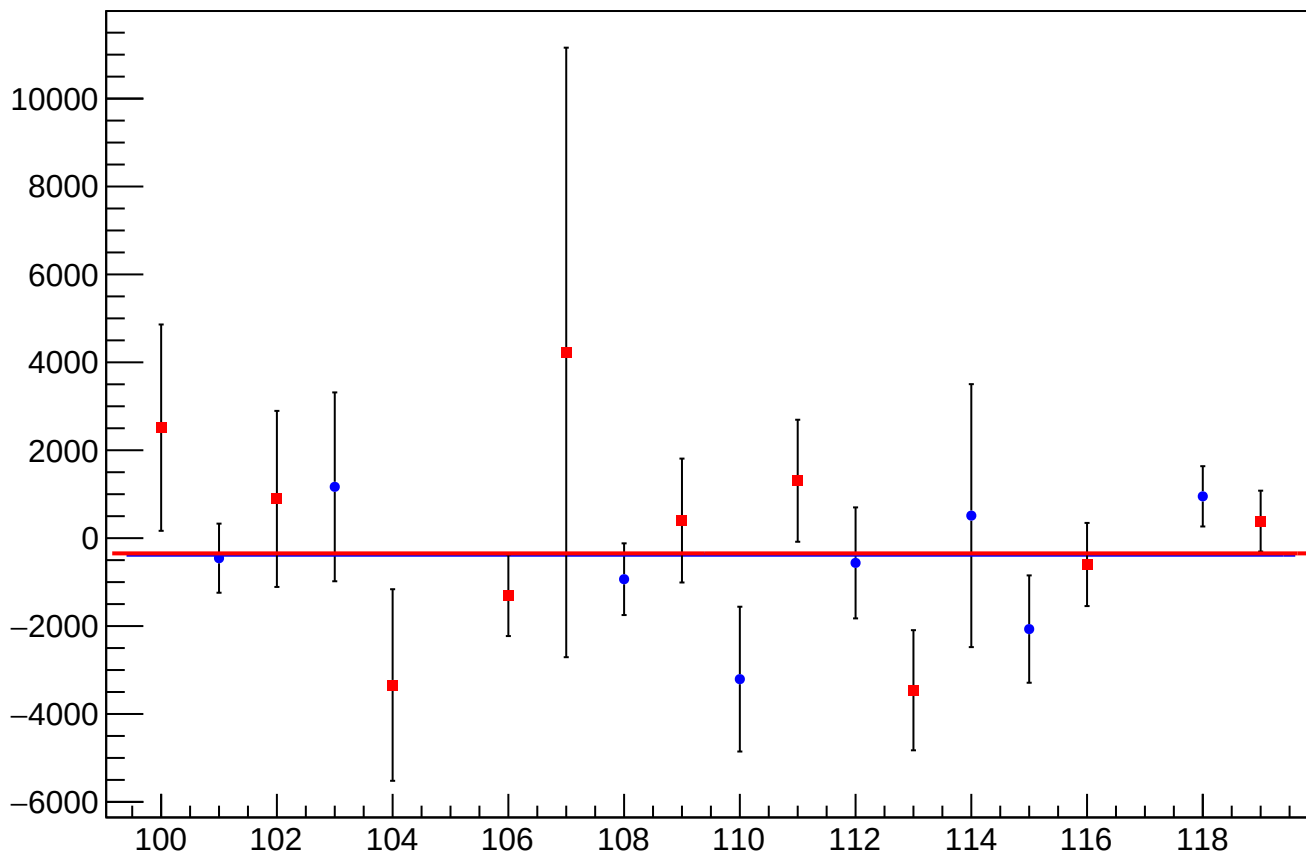
Right: 2178.842+/-0.587 χ^2/NDF : 738324.5/17

In: 2186.010+/-0.884 χ^2/NDF : 539283.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.842+/-0.587 χ^2/NDF : 738324.5/17

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -376.923+/-371.589 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -346.409+/-389.691 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

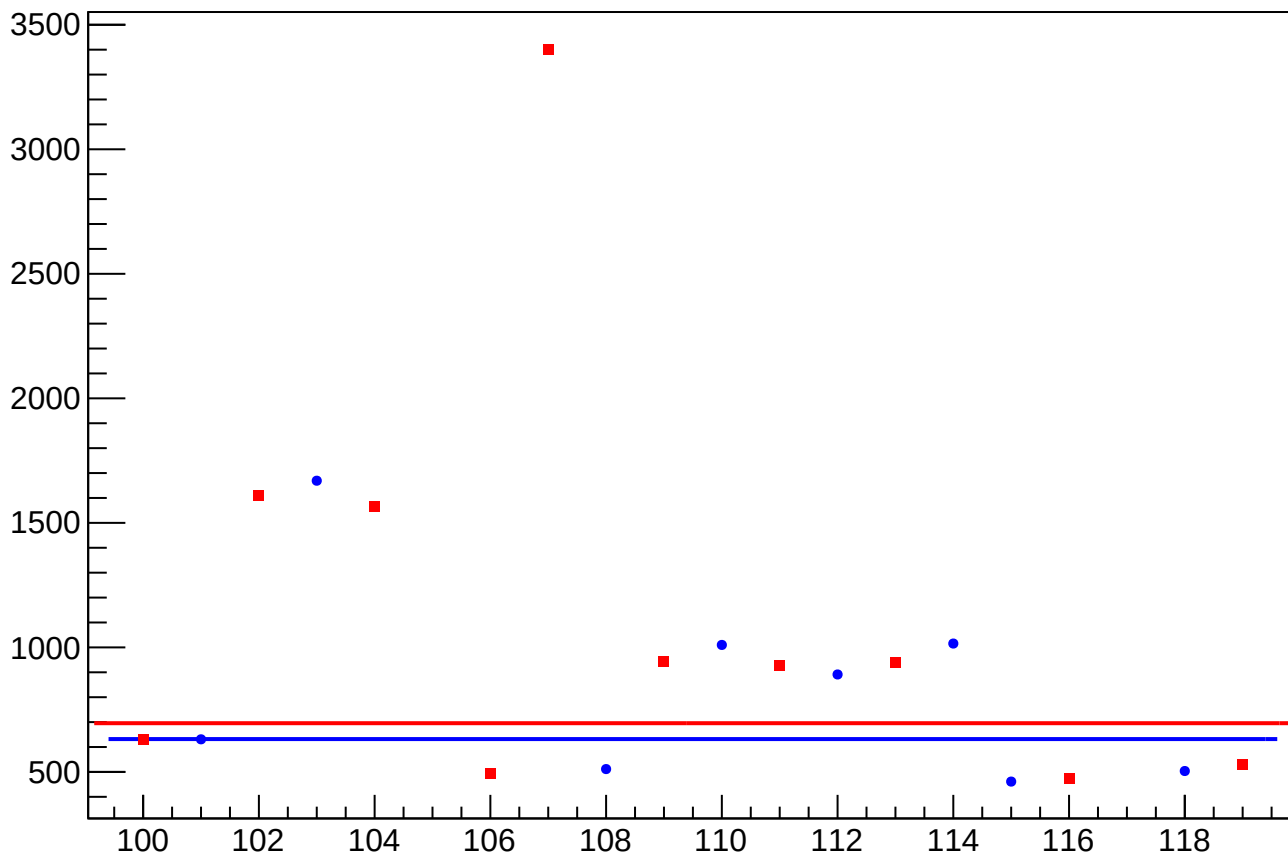
Right: -362.391+/-268.925 χ^2/NDF : 23.1/17

In: -376.923+/-371.589 χ^2/NDF :9.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -362.391+/-268.925 χ^2/NDF : 23.1/17

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.900+/-0.263 χ^2/NDF : 841636.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.645+/-0.276 χ^2/NDF : 1543075.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

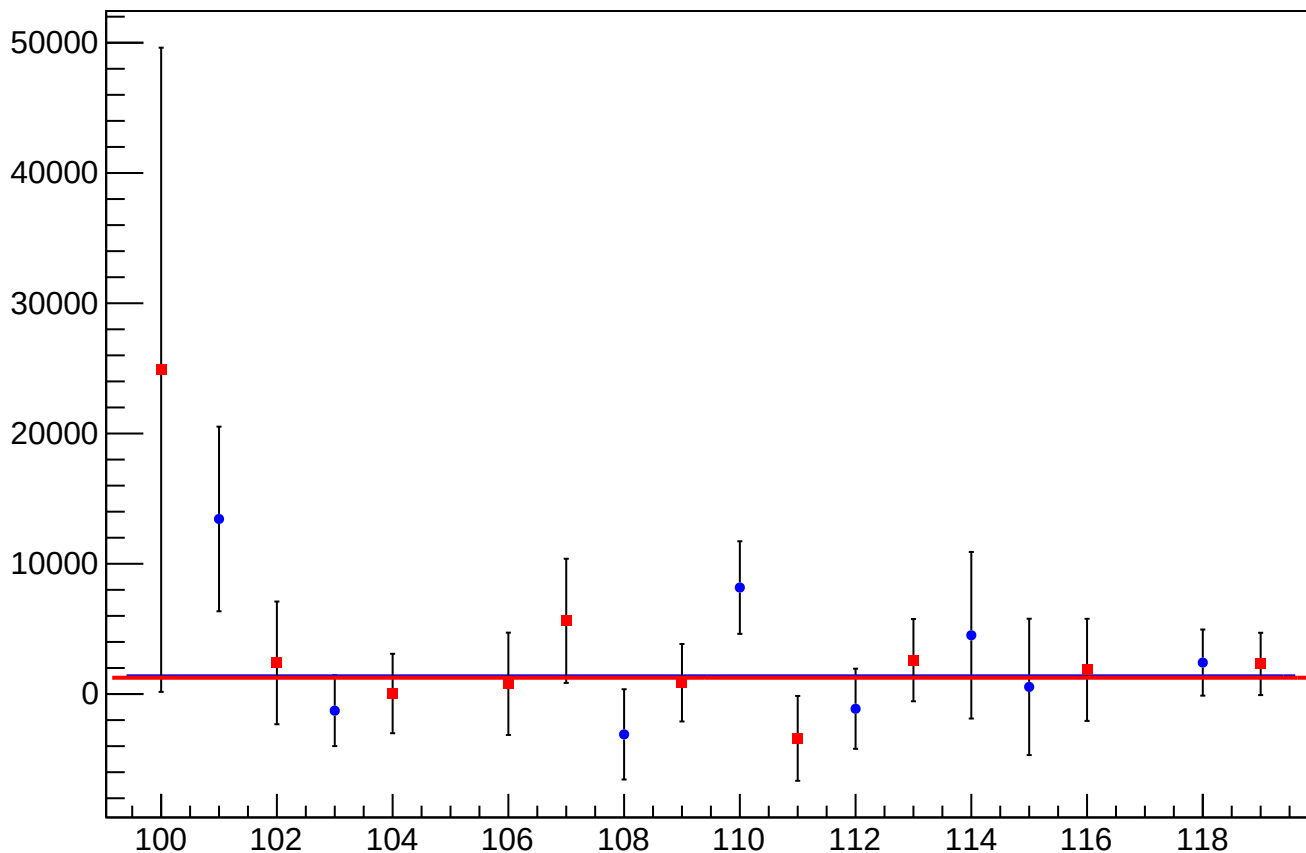
Right: 662.258+/-0.190 χ^2/NDF : 2412741.8/17

In: 631.900+/-0.263 χ^2/NDF : 841636.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.258+/-0.190 χ^2/NDF : 2412741.8/17

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1358.816+/-1250.229 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1252.066+/-1110.527 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

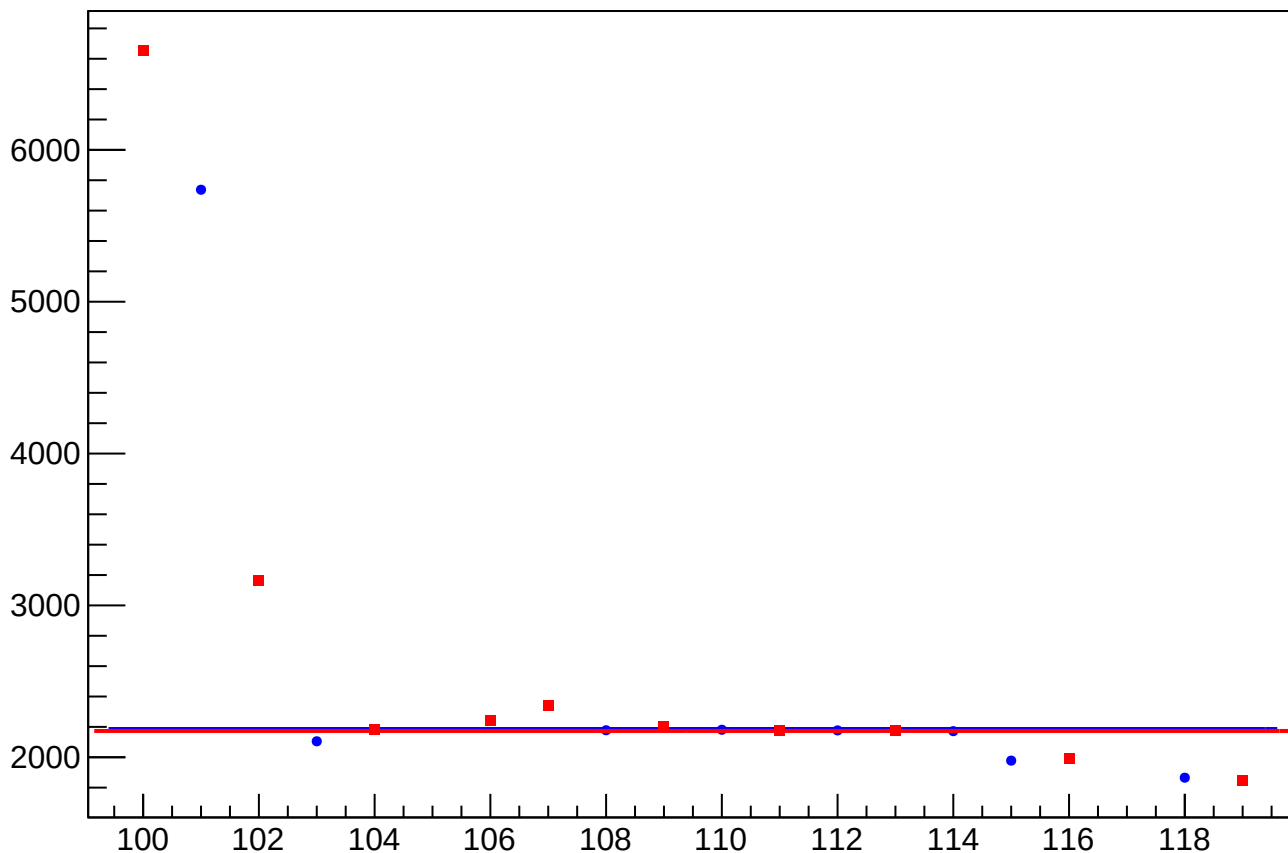
Right: 1299.146+/-830.278 χ^2/NDF : 14.7/17

In: 1358.816+/-1250.229 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.146+/-830.278 χ^2/NDF : 14.7/17

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2186.009+/-0.884 χ^2/NDF : 539283.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2173.186+/-0.785 χ^2/NDF : 198922.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

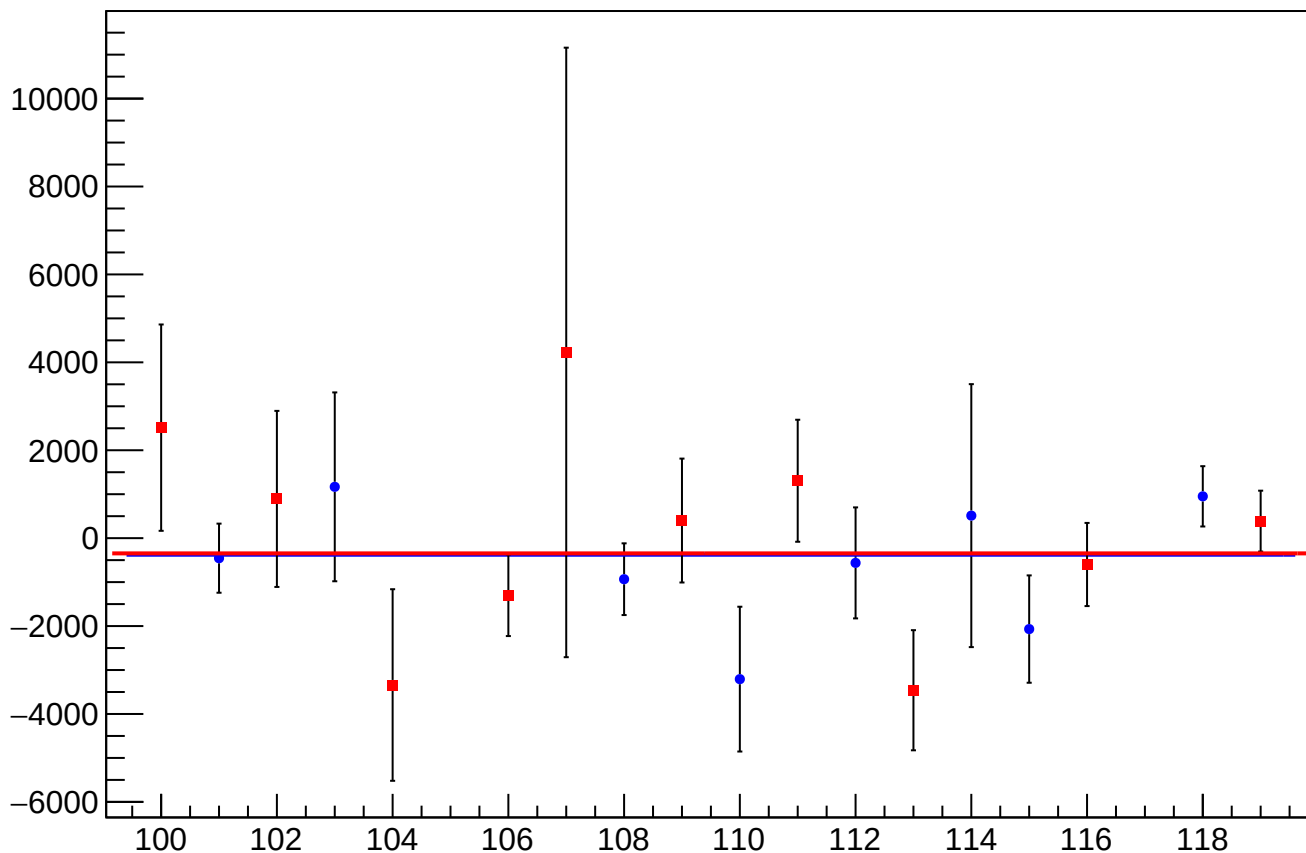
Right: 2178.841+/-0.587 χ^2/NDF : 738323.9/17

In: 2186.009+/-0.884 χ^2/NDF : 539283.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.841+/-0.587 χ^2/NDF : 738323.9/17

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -376.921+/-371.588 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -346.407+/-389.690 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

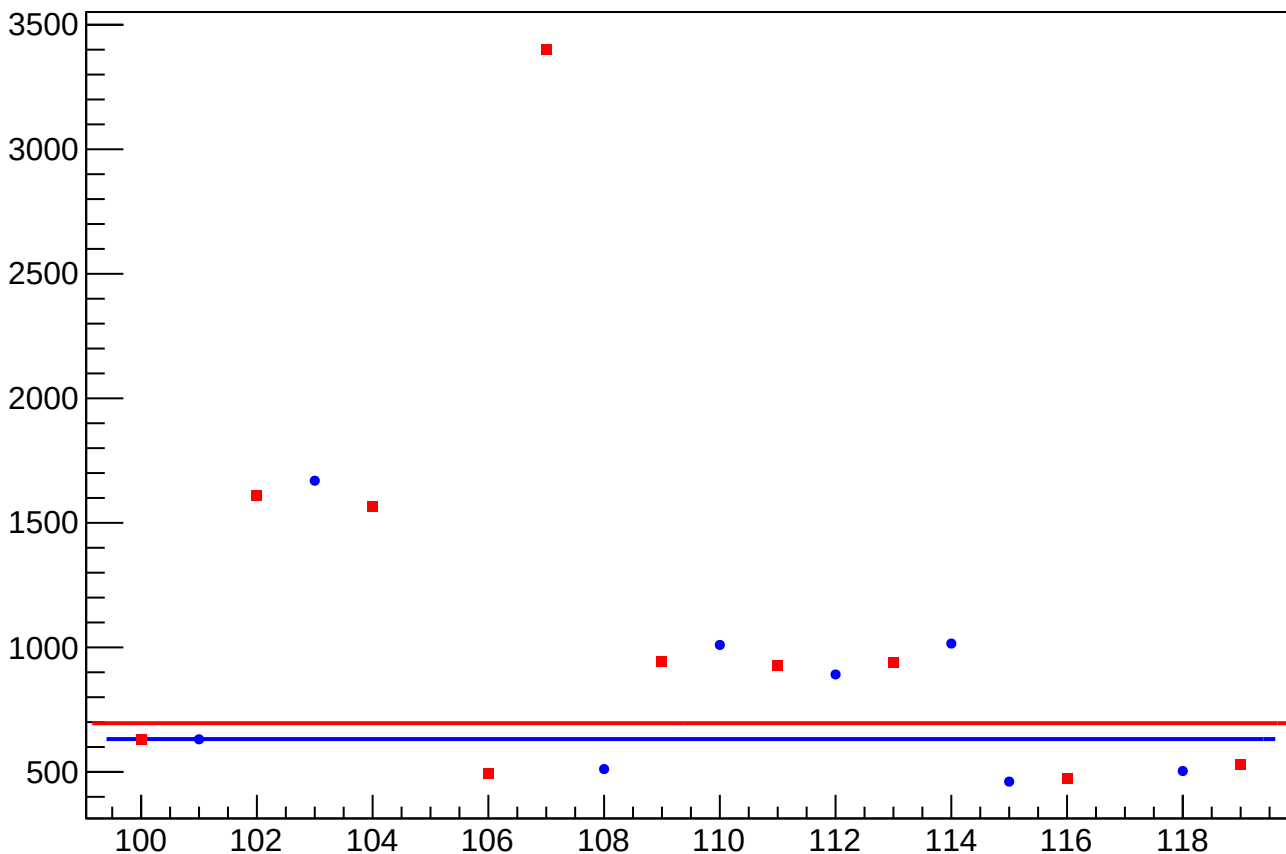
Right: -362.389+/-268.925 χ^2/NDF : 23.1/17

In: -376.921+/-371.588 χ^2/NDF :9.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -362.389+/-268.925 χ^2/NDF : 23.1/17

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.899+/-0.263 χ^2/NDF : 841640.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.644+/-0.276 χ^2/NDF : 1543083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

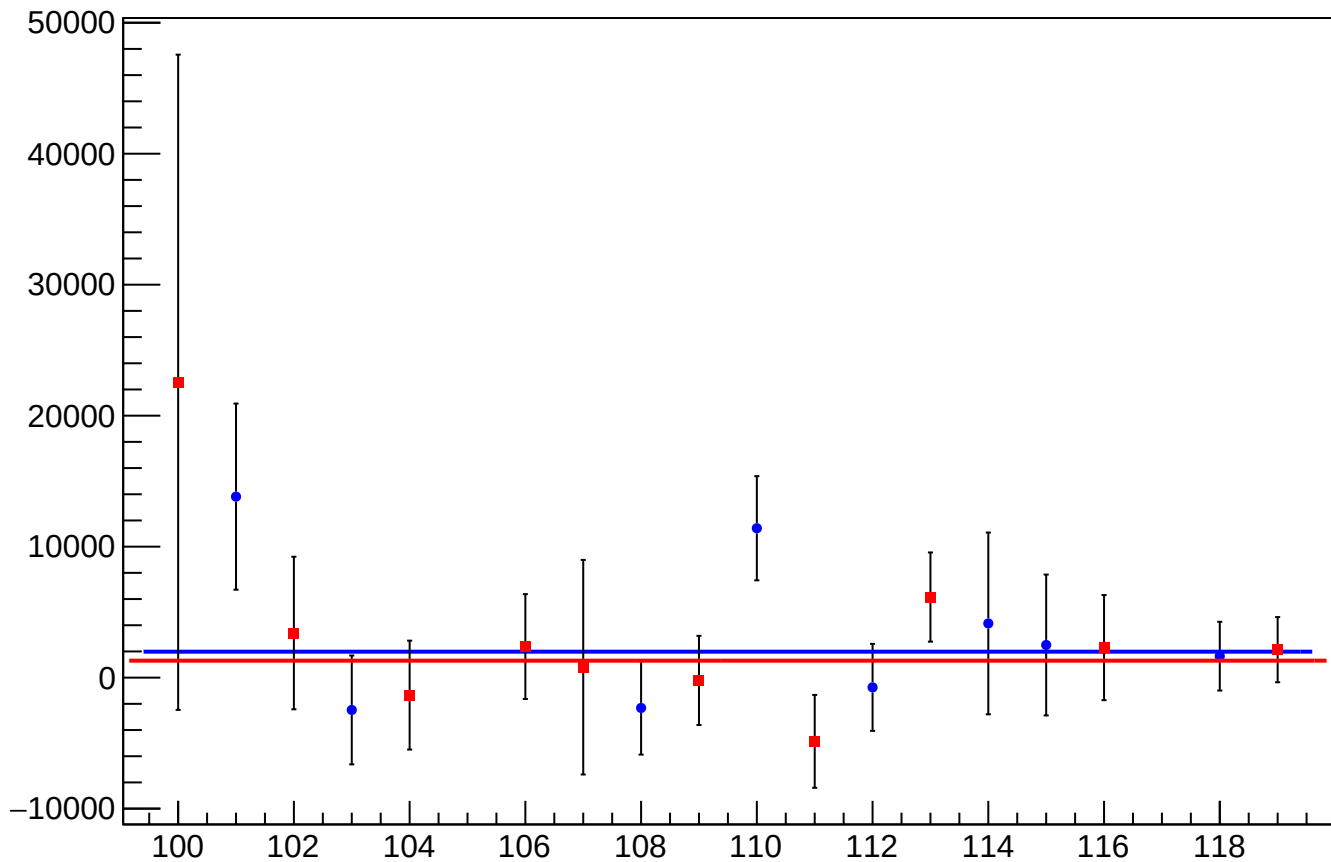
Right: 662.256+/-0.190 χ^2/NDF : 2412754.6/17

In: 631.899+/-0.263 χ^2/NDF : 841640.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 662.256+/-0.190 χ^2/NDF : 2412754.6/17

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 1981.942+/-1399.112 χ^2/NDF : 11.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.151+/-1247.854 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

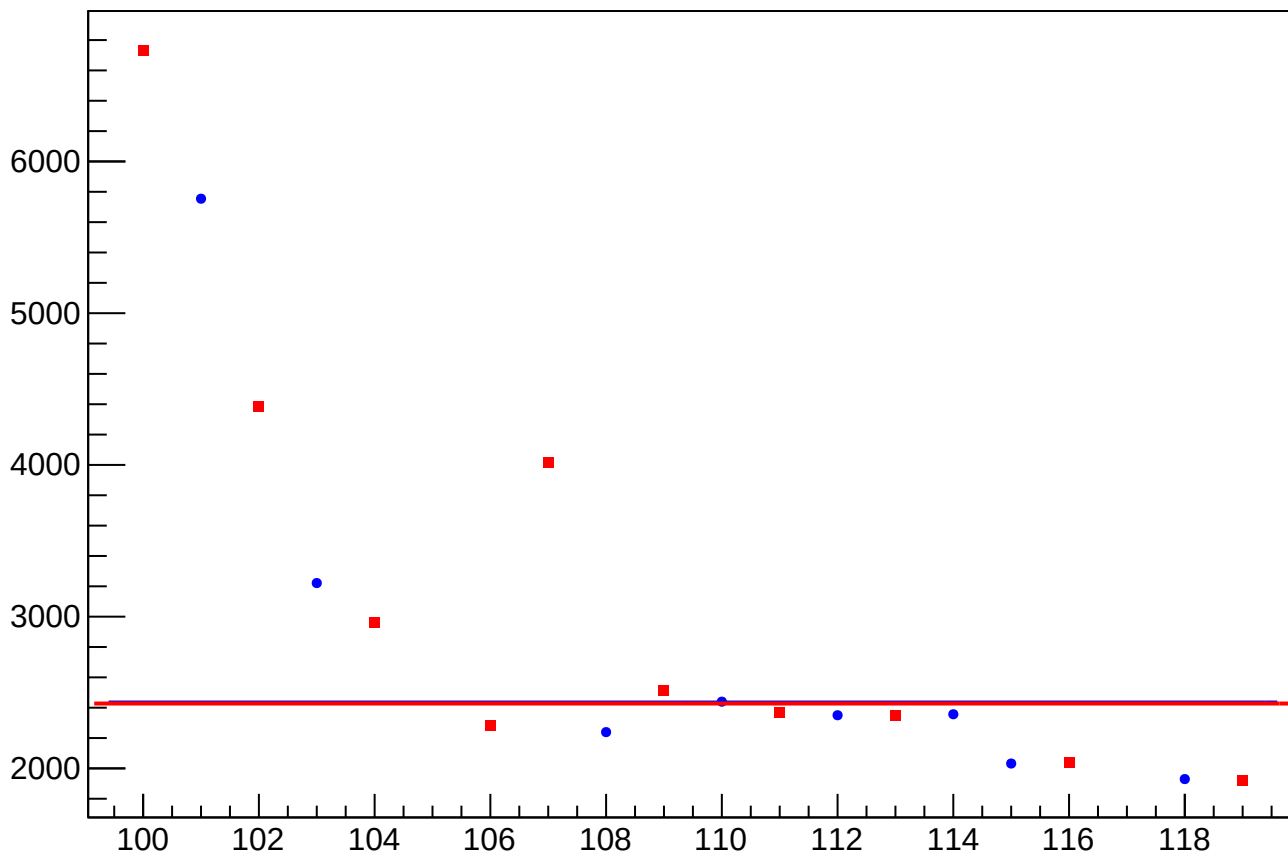
Right: 1599.985+/-931.269 χ^2/NDF : 18.7/17

In: 1981.942+/-1399.112 χ^2/NDF : 11.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1599.985+/-931.269 χ^2/NDF : 18.7/17

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2434.087+/-0.989 χ^2/NDF : 601003.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2427.564+/-0.882 χ^2/NDF : 501539.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

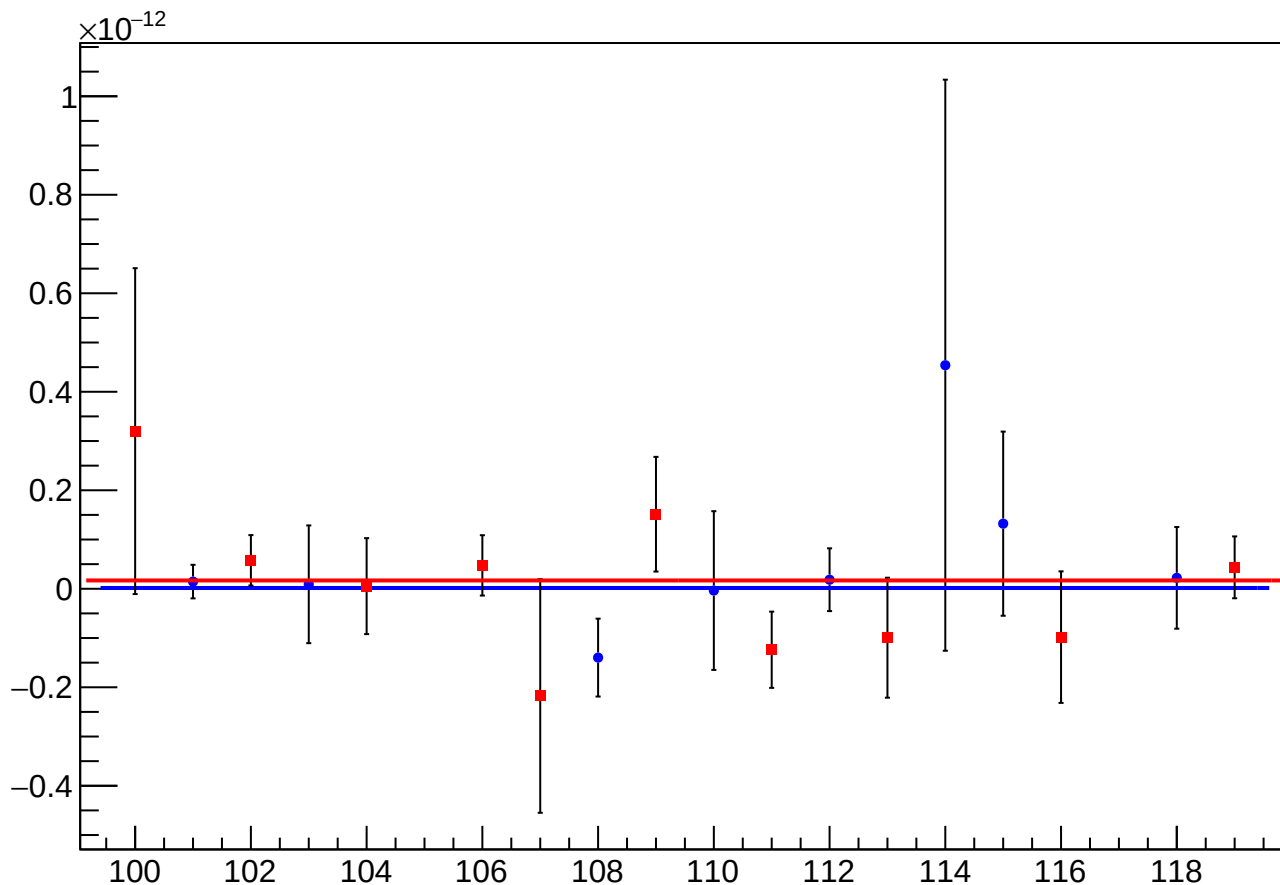
Right: 2430.454+/-0.659 χ^2/NDF : 1102567.4/17

In: 2434.087+/-0.989 χ^2/NDF : 601003.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2430.454+/-0.659 χ^2/NDF : 1102567.4/17

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

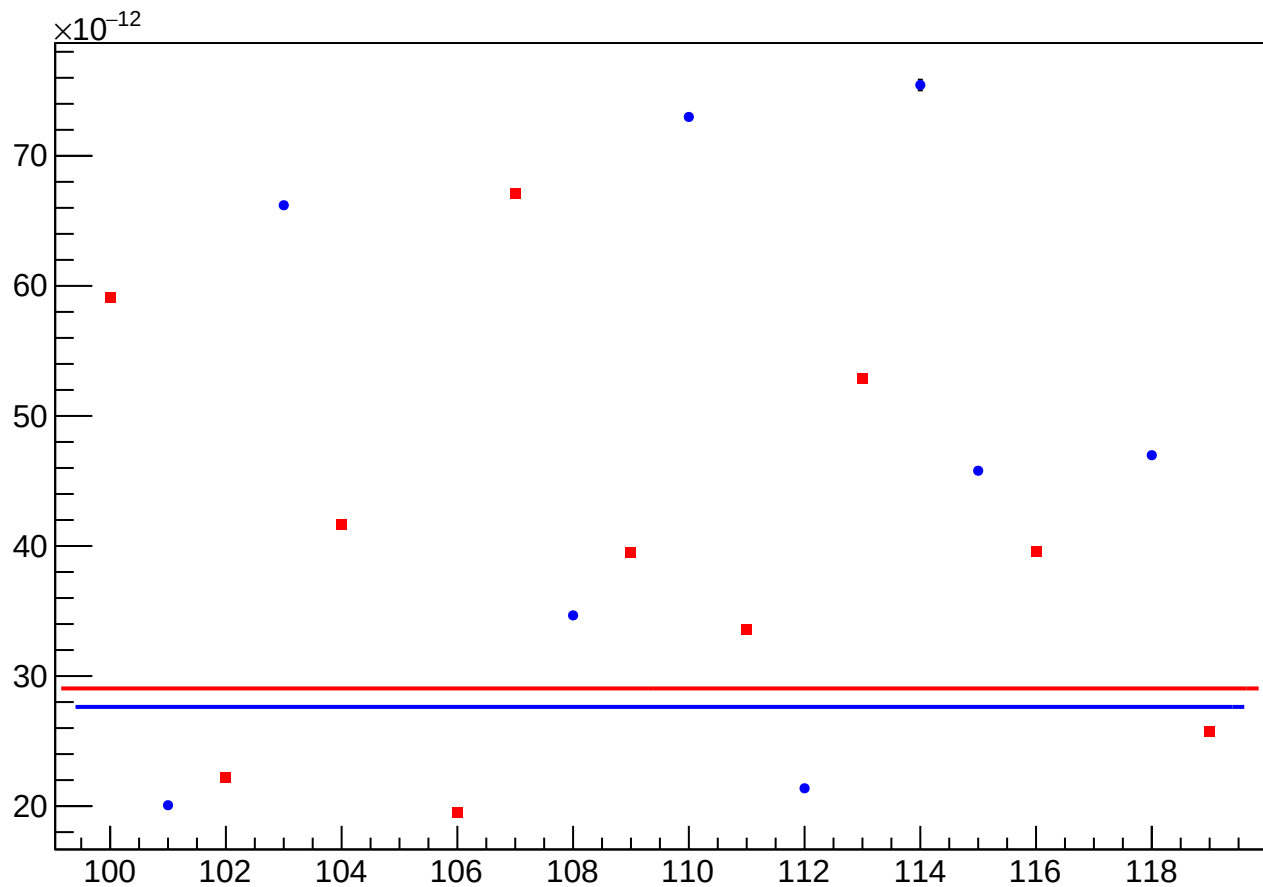
Right: 0.000+/-0.000 χ^2/NDF : 13.9/17

In: 0.000+/-0.000 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/17

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 603128.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 303436.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

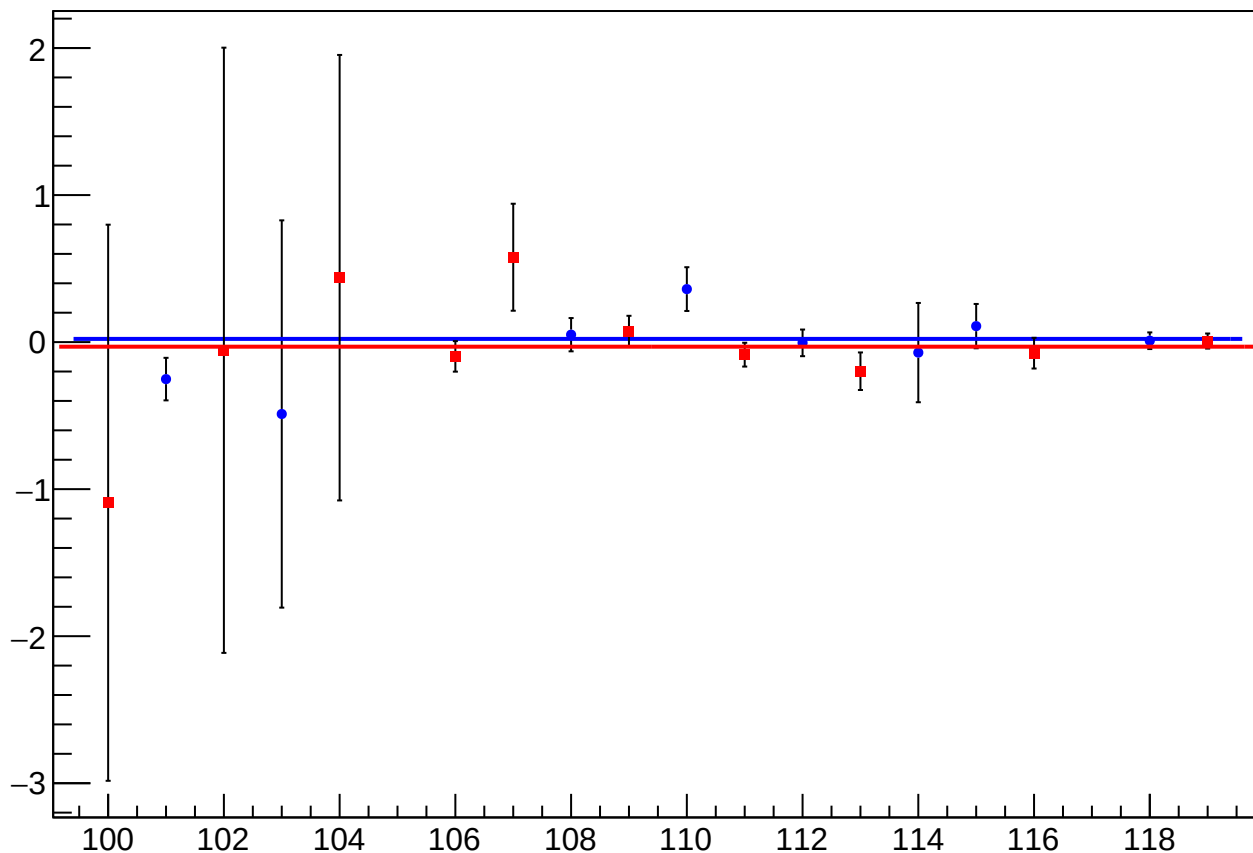
Right: 0.000+/-0.000 χ^2/NDF : 909484.3/17

In: 0.000+/-0.000 χ^2/NDF : 603128.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 909484.3/17

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

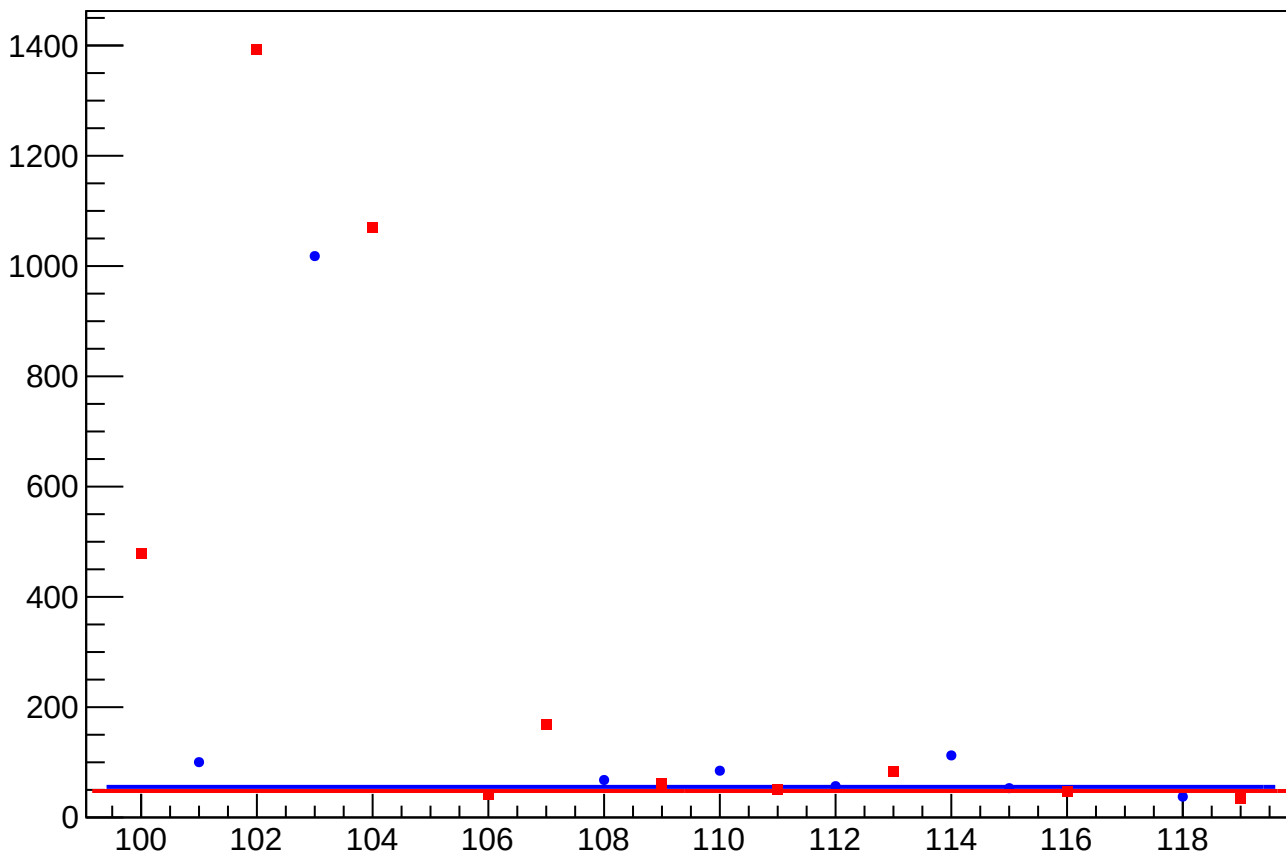
Right: -0.008+/-0.026 χ^2/NDF : 18.1/17

In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.026 χ^2/NDF : 18.1/17

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.477+/-0.028 χ^2/NDF : 1617459.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.009+/-0.024 χ^2/NDF : 2405641.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

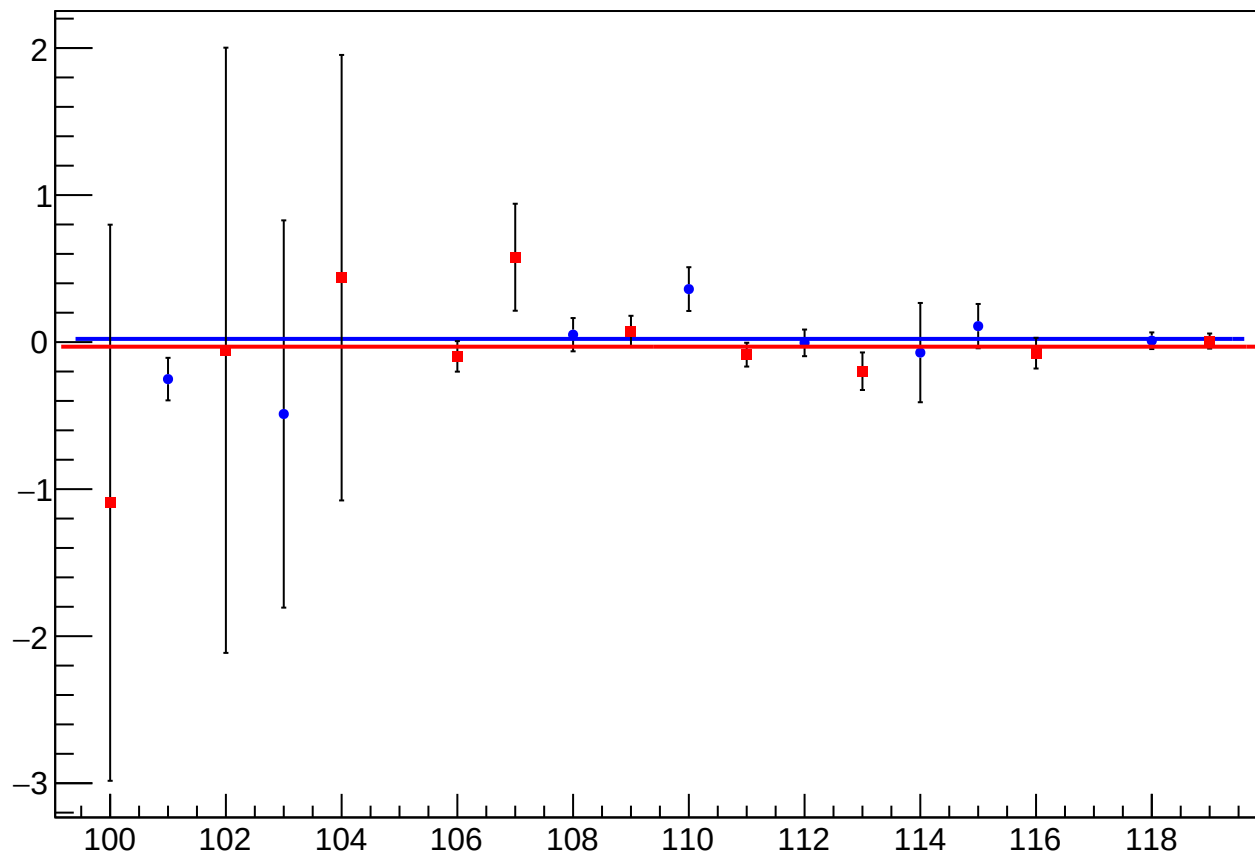
Right: 51.208+/-0.018 χ^2/NDF : 4065073.8/17

In: 55.477+/-0.028 χ^2/NDF : 1617459.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.208+/-0.018 χ^2/NDF : 4065073.8/17

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

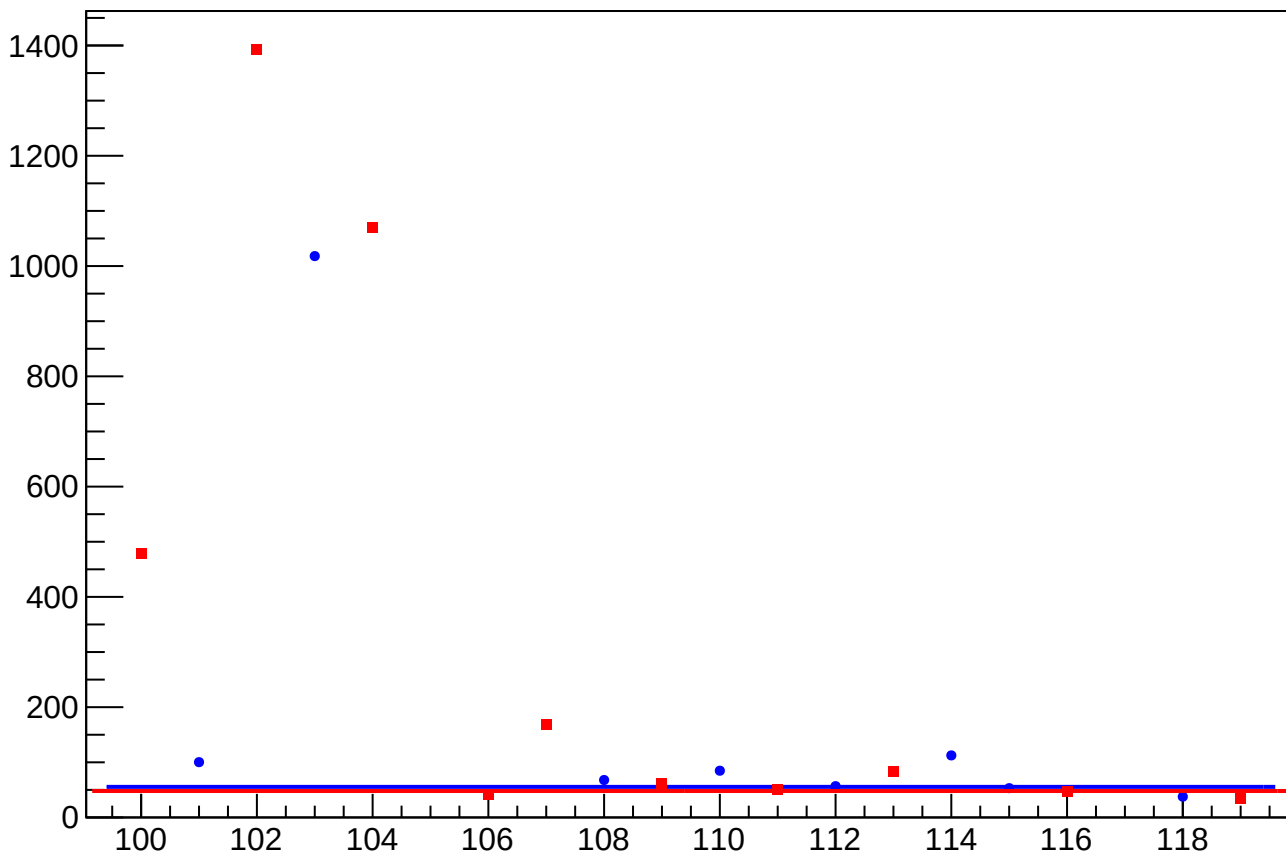
Right: -0.008+/-0.026 χ^2/NDF : 18.1/17

In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.026 χ^2/NDF : 18.1/17

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.477+/-0.028 χ^2/NDF : 1617459.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.009+/-0.024 χ^2/NDF : 2405641.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

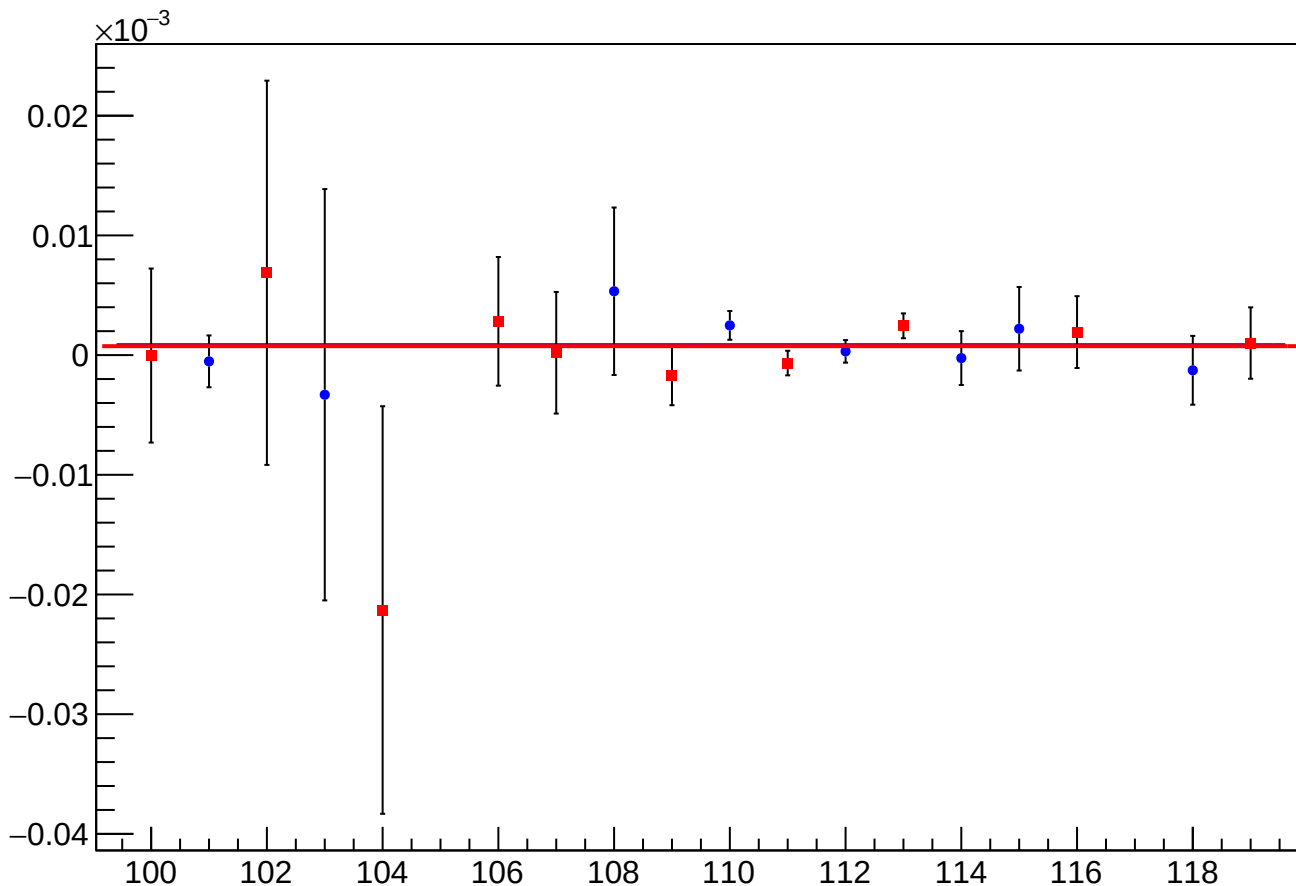
Right: 51.208+/-0.018 χ^2/NDF : 4065073.8/17

In: 55.477+/-0.028 χ^2/NDF : 1617459.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.208+/-0.018 χ^2/NDF : 4065073.8/17

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

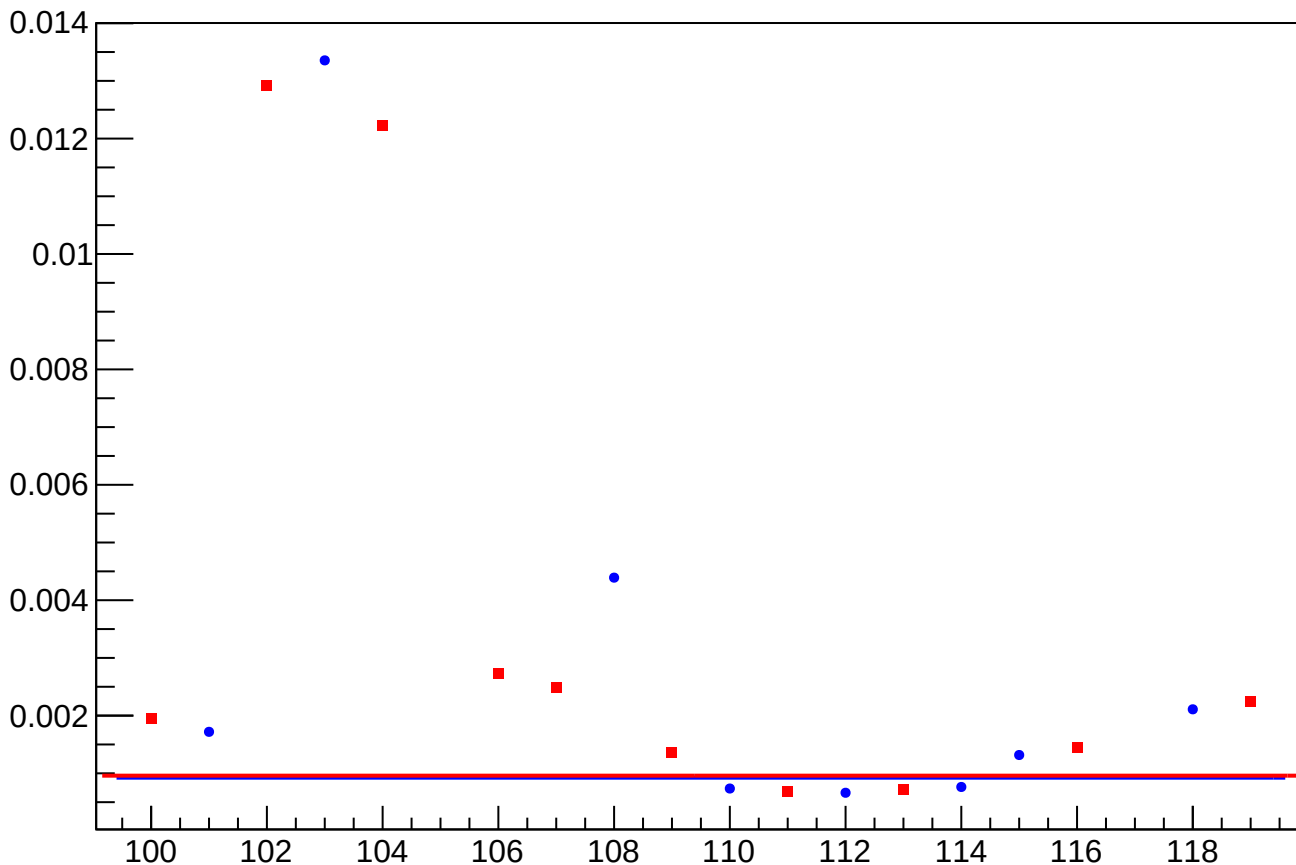
Right: 0.000+/-0.000 χ^2/NDF : 11.6/17

In: 0.000+/-0.000 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.6/17

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2385870.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3157359.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

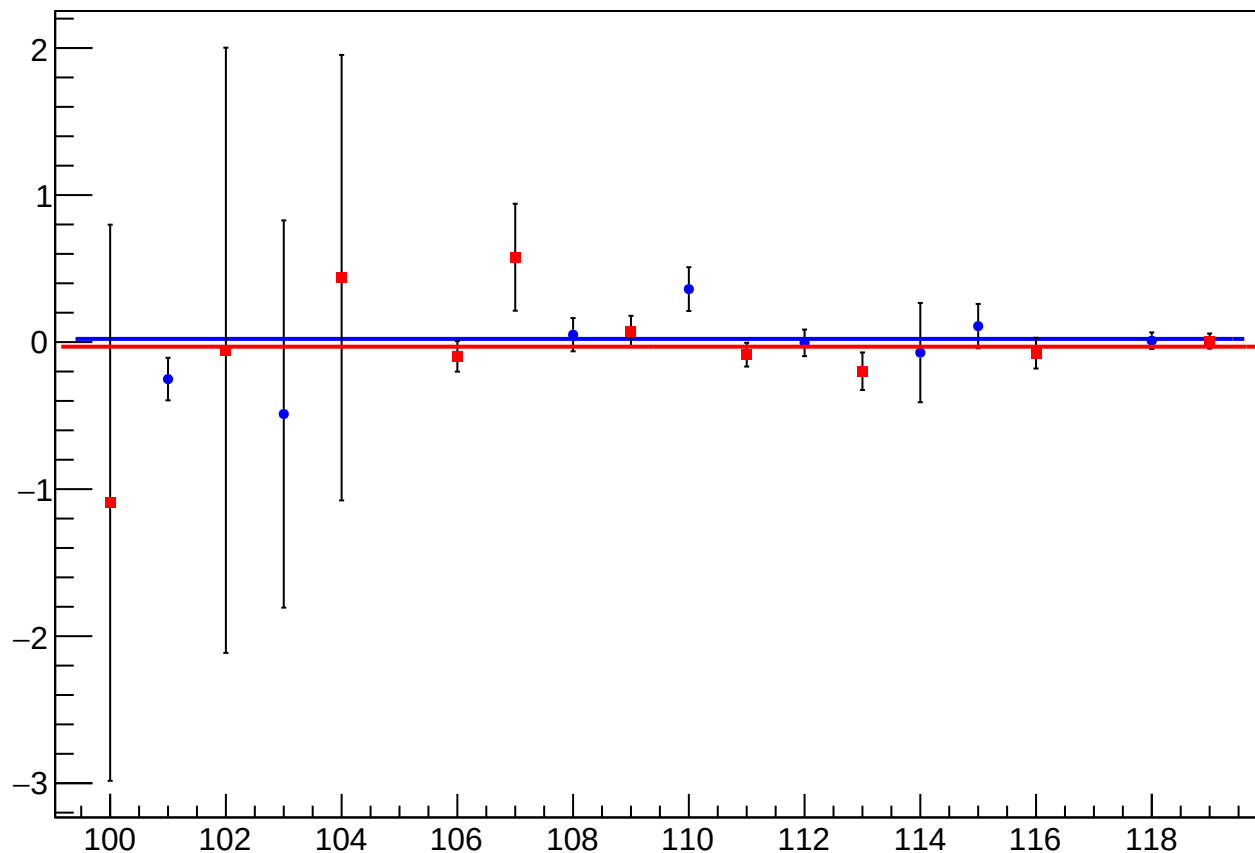
Right: 0.001+/-0.000 χ^2/NDF : 5546109.3/17

In: 0.001+/-0.000 χ^2/NDF :2385870.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5546109.3/17

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

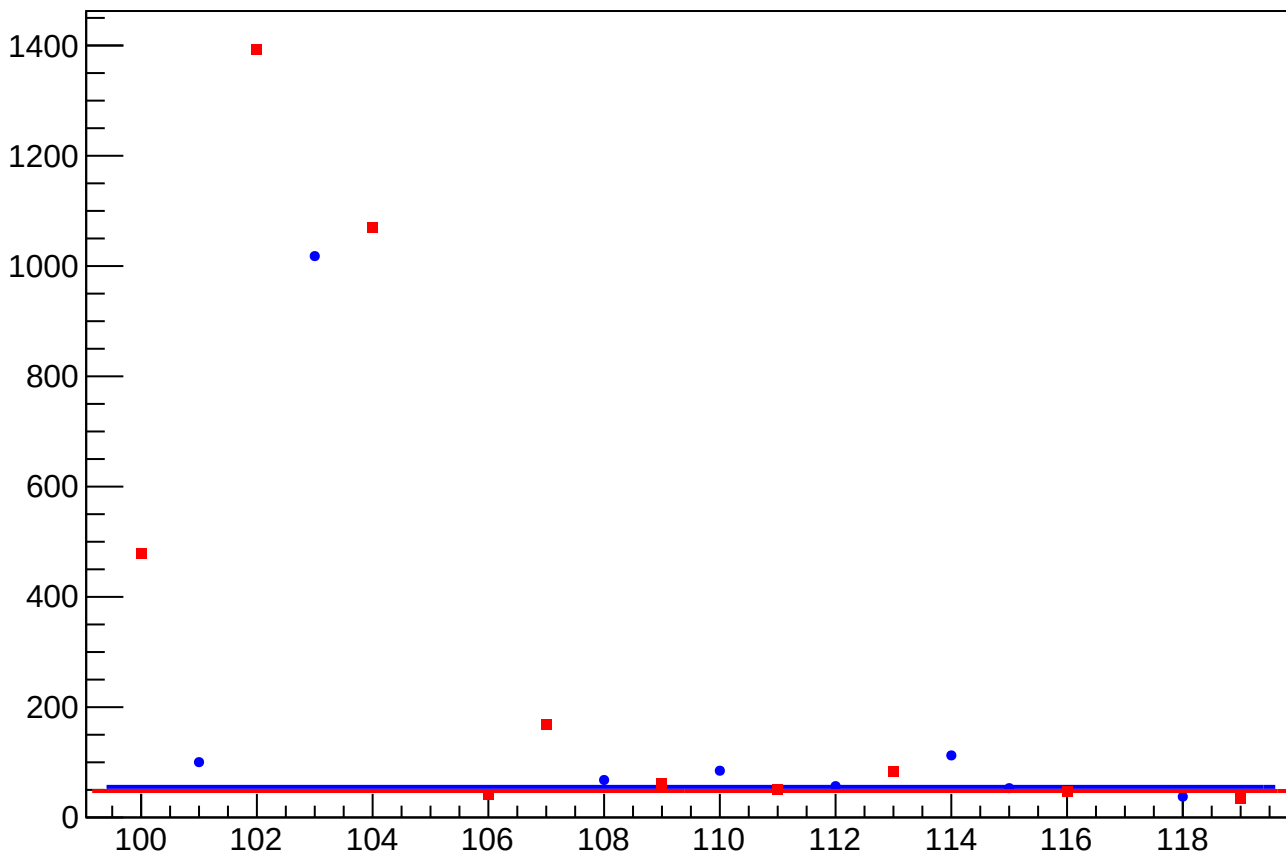
Right: -0.008+/-0.026 χ^2/NDF : 18.1/17

In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.026 χ^2/NDF : 18.1/17

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.476+/-0.028 χ^2/NDF : 1617475.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.008+/-0.024 χ^2/NDF : 2405674.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

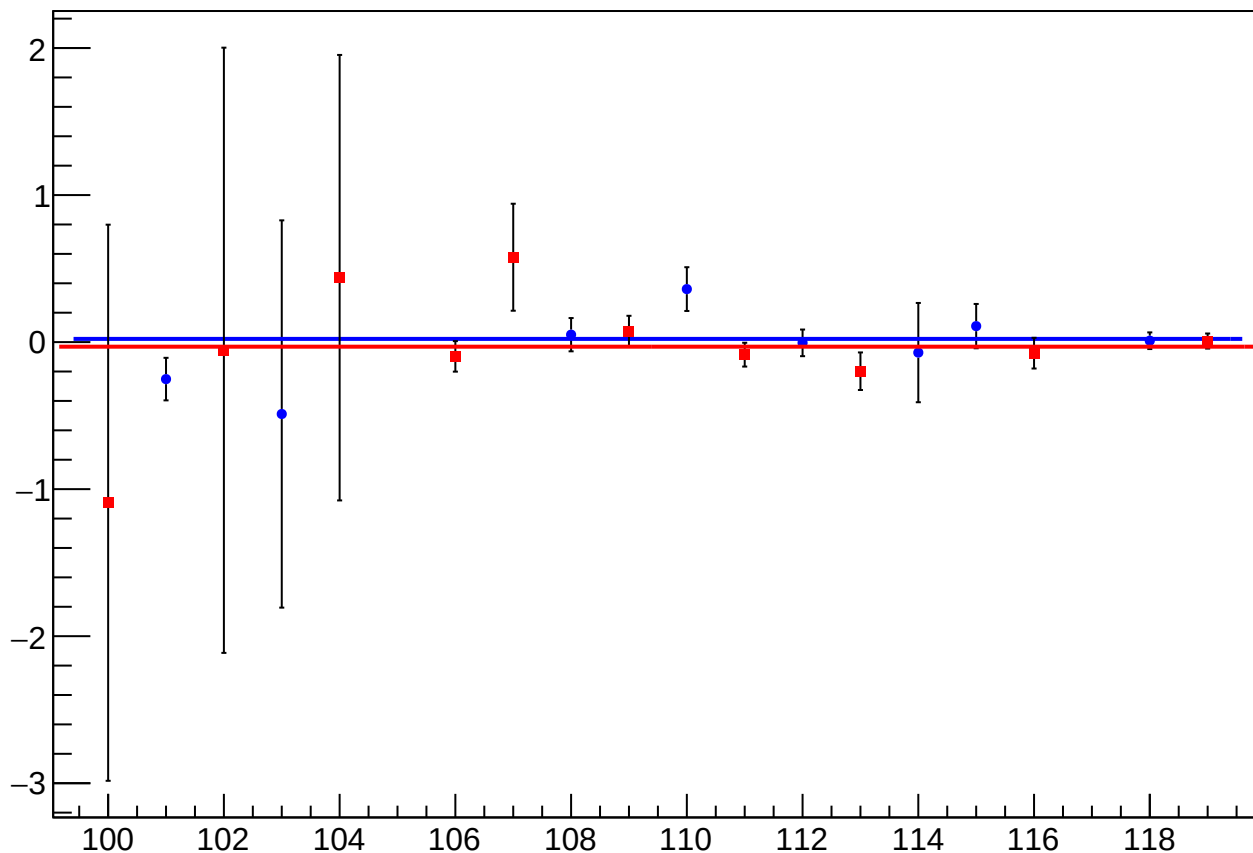
Right: 51.207+/-0.018 χ^2/NDF : 4065138.8/17

In: 55.476+/-0.028 χ^2/NDF : 1617475.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.207+/-0.018 χ^2/NDF : 4065138.8/17

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.039 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.031+/-0.034 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

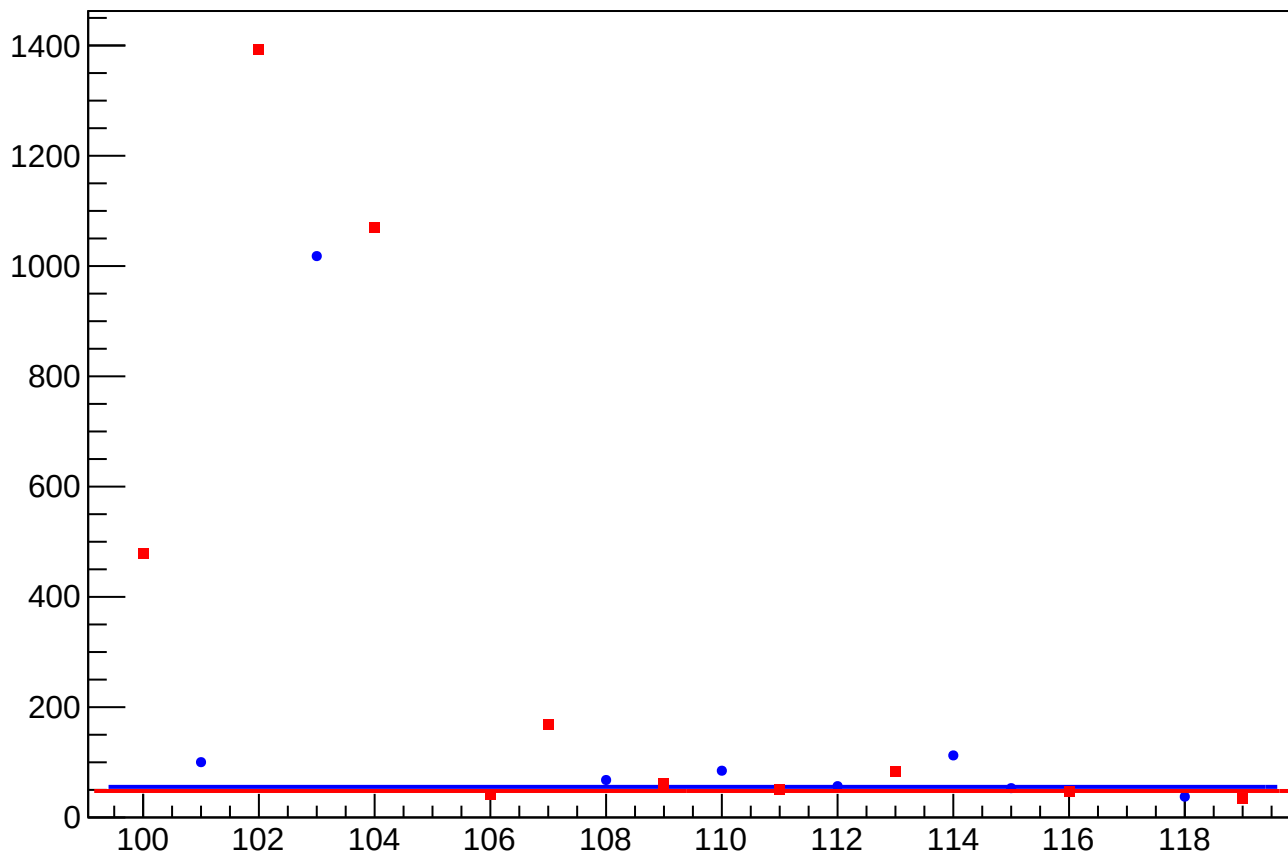
Right: -0.008+/-0.026 χ^2/NDF : 18.1/17

In: 0.022+/-0.039 χ^2/NDF :9.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.026 χ^2/NDF : 18.1/17

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.476+/-0.028 χ^2/NDF : 1617475.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.008+/-0.024 χ^2/NDF : 2405674.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

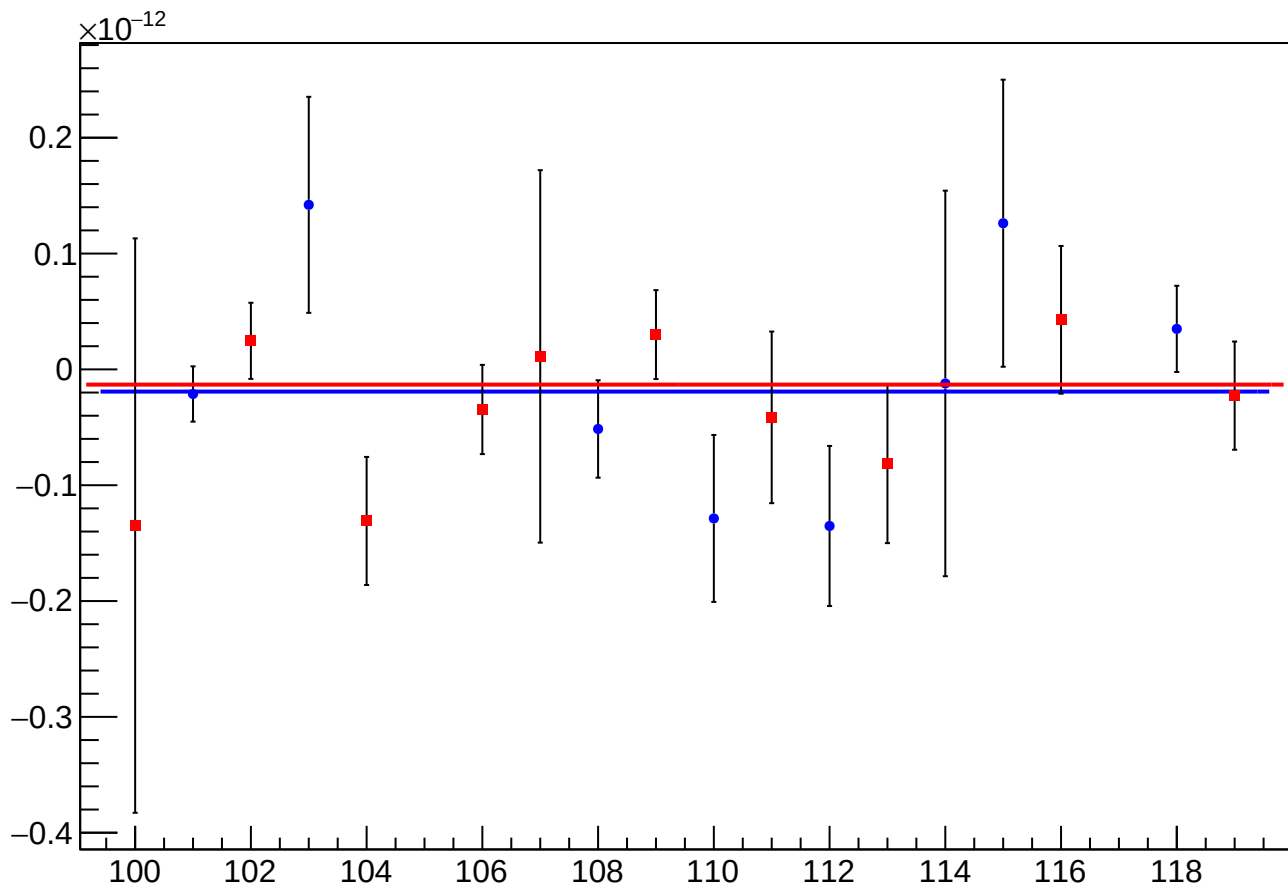
Right: 51.207+/-0.018 χ^2/NDF : 4065138.8/17

In: 55.476+/-0.028 χ^2/NDF : 1617475.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.207+/-0.018 χ^2/NDF : 4065138.8/17

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

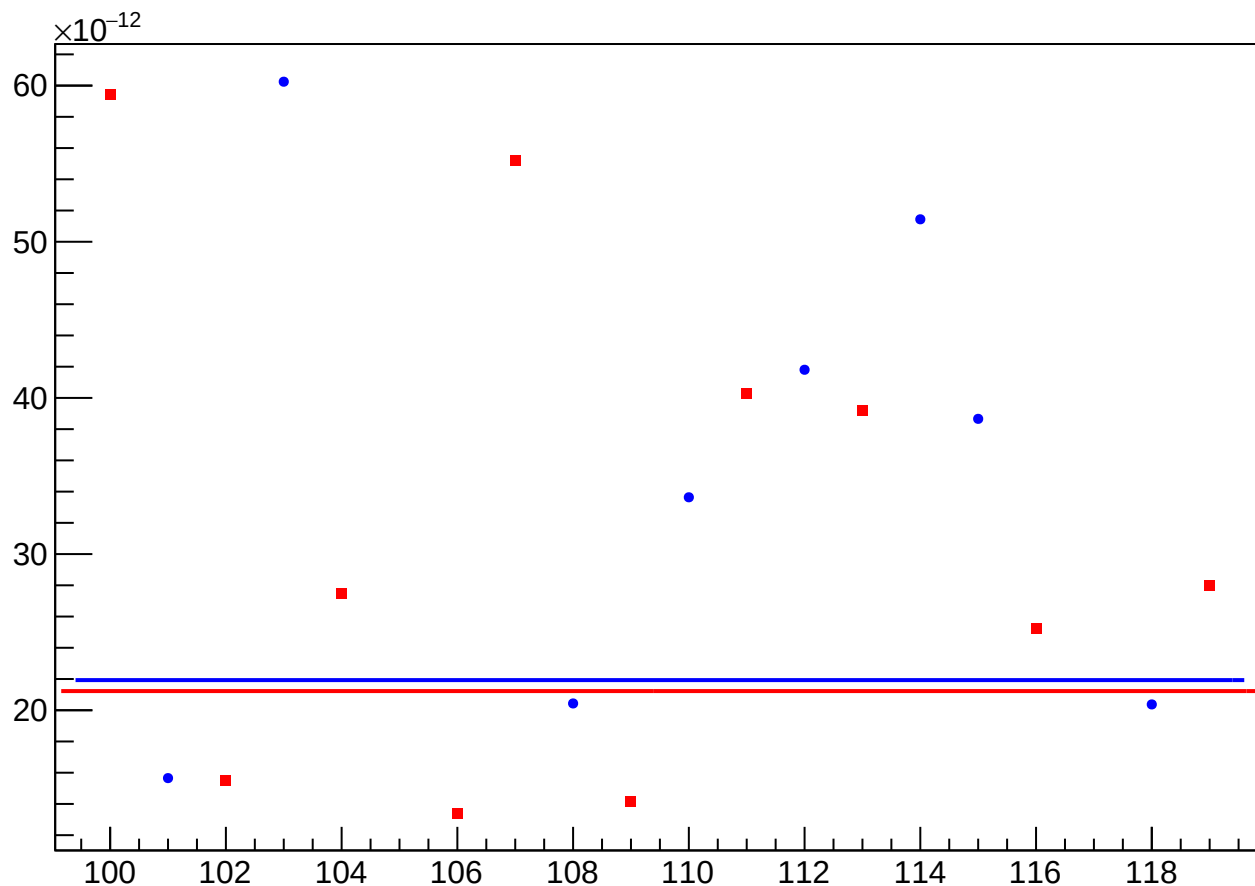
Right: -0.000+/-0.000 χ^2/NDF : 21.9/17

In: -0.000+/-0.000 χ^2/NDF : 12.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.9/17

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 799344.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 692734.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

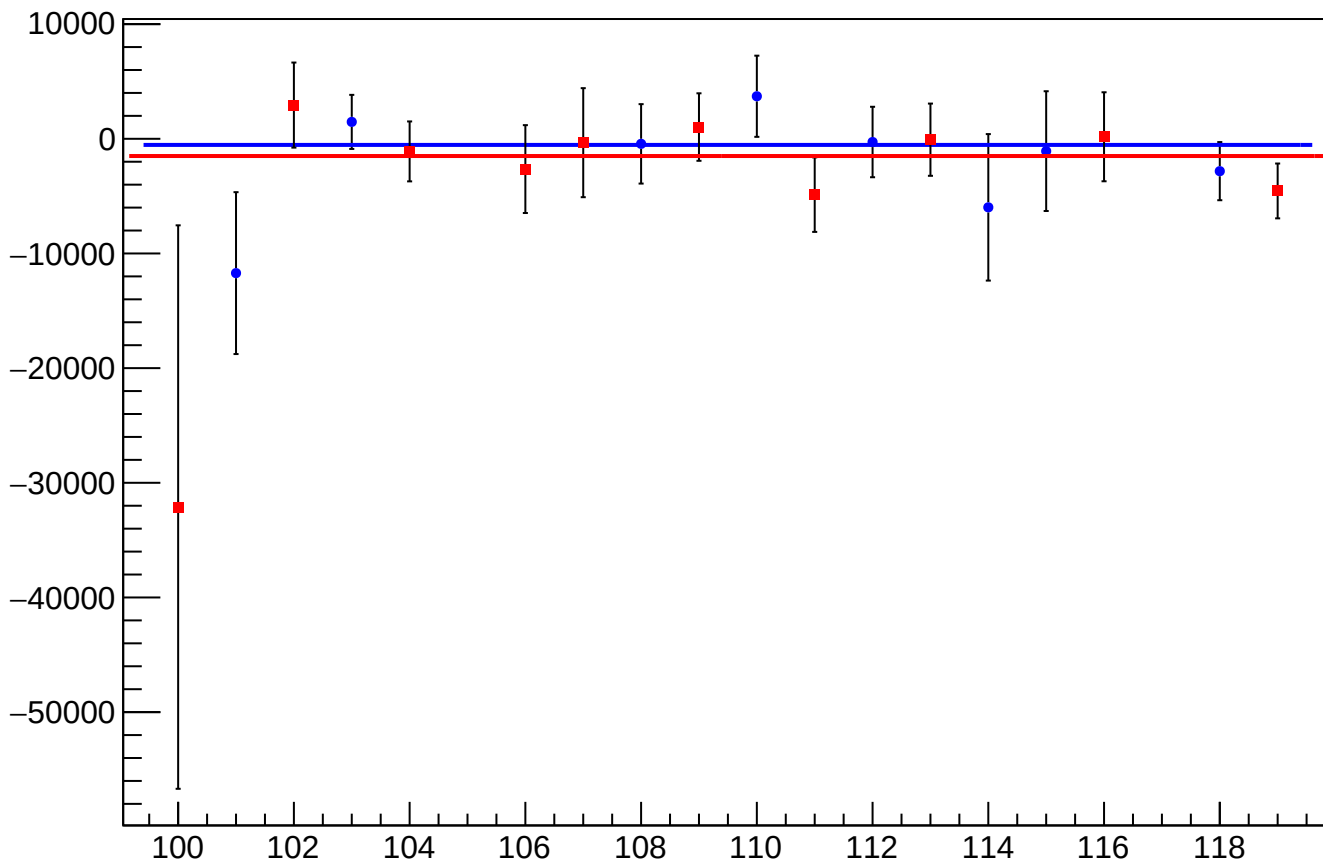
Right: 0.000+/-0.000 χ^2/NDF : 1493910.9/17

In: 0.000+/-0.000 χ^2/NDF : 799344.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1493910.9/17

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -533.318+/-1207.595 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1502.543+/-1062.741 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

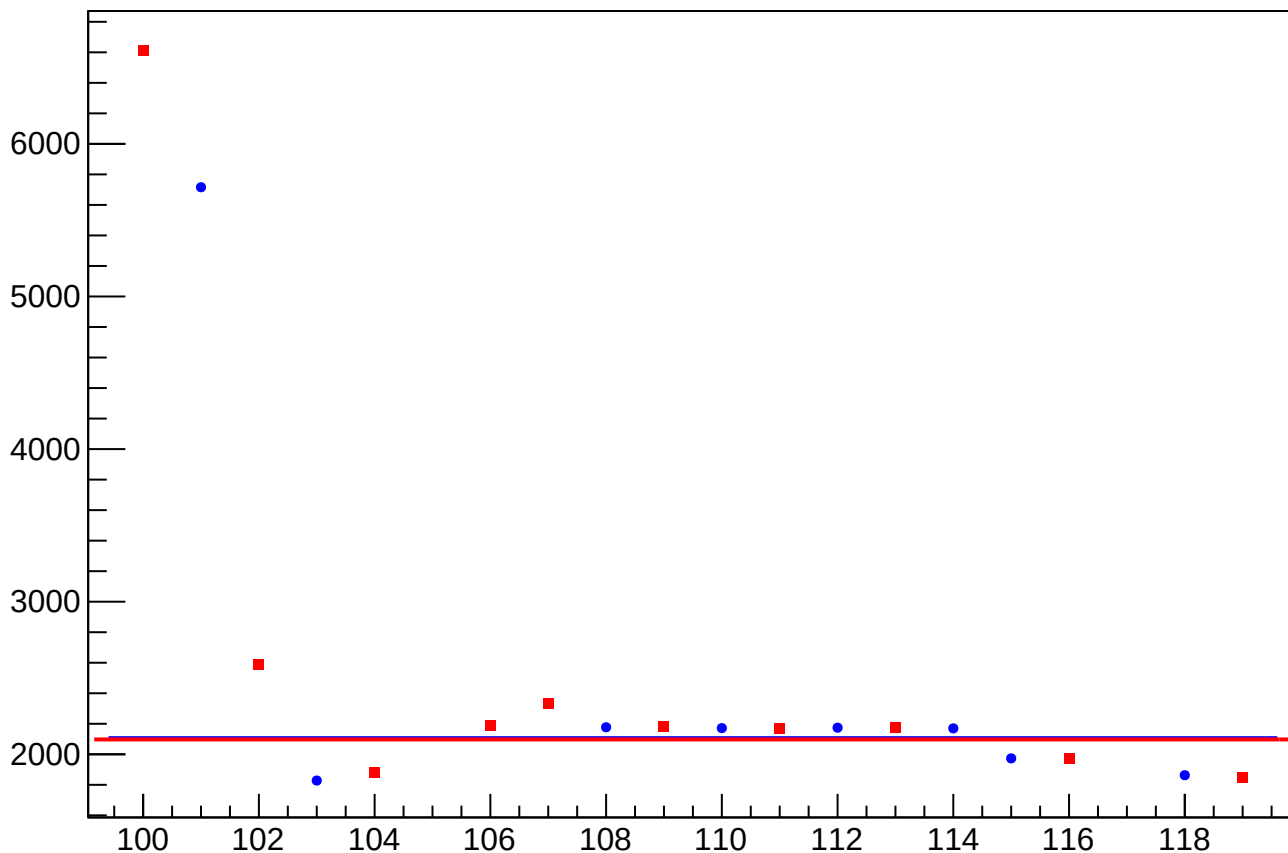
Right: -1079.519+/-797.795 χ^2/NDF : 13.6/17

In: -533.318+/-1207.595 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1079.519+/-797.795 χ^2/NDF : 13.6/17

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2105.728+/-0.854 χ^2/NDF : 573248.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.387+/-0.751 χ^2/NDF : 150947.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

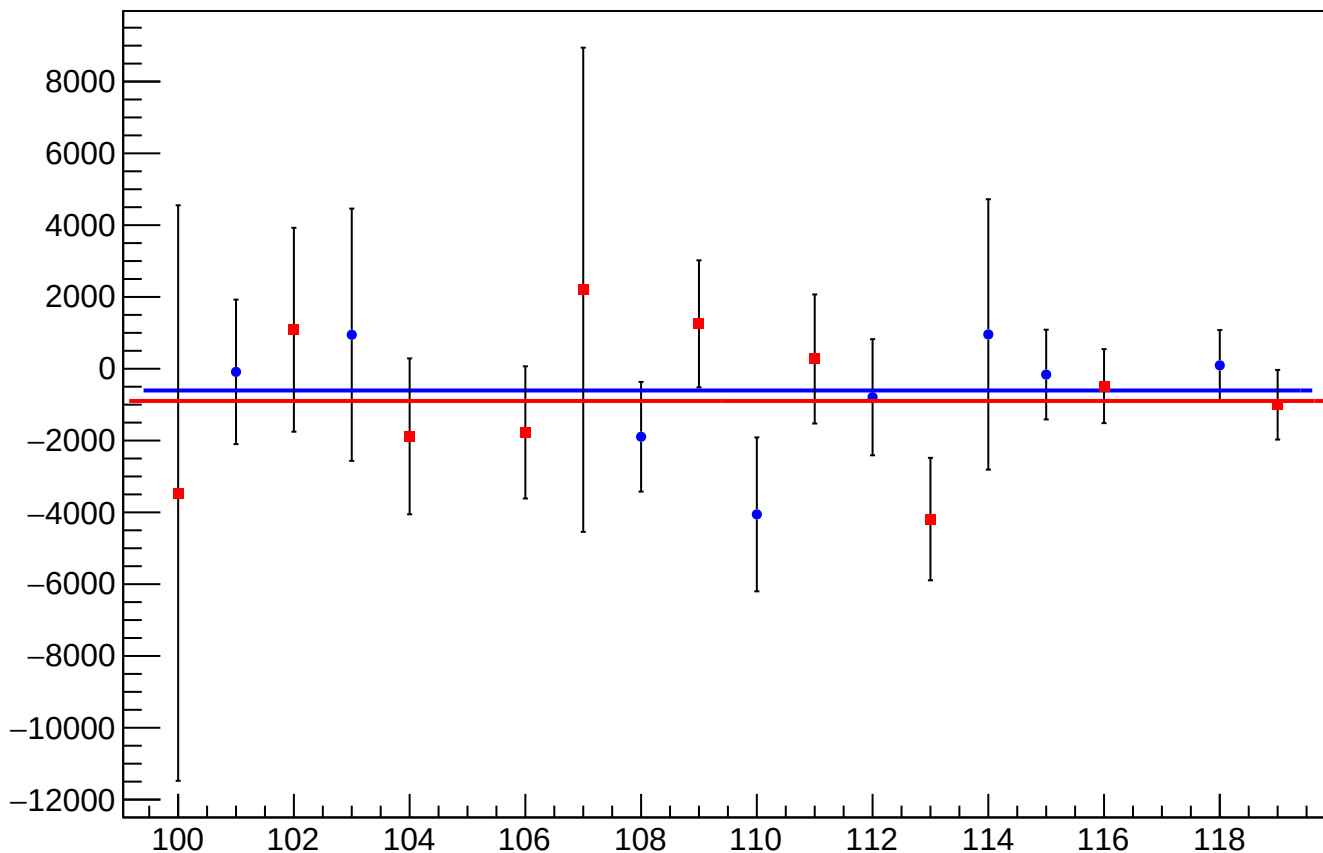
Right: 2101.027+/-0.564 χ^2/NDF : 724249.1/17

In: 2105.728+/-0.854 χ^2/NDF : 573248.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2101.027+/-0.564 χ^2/NDF : 724249.1/17

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -605.086+/-567.567 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -897.113+/-523.747 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

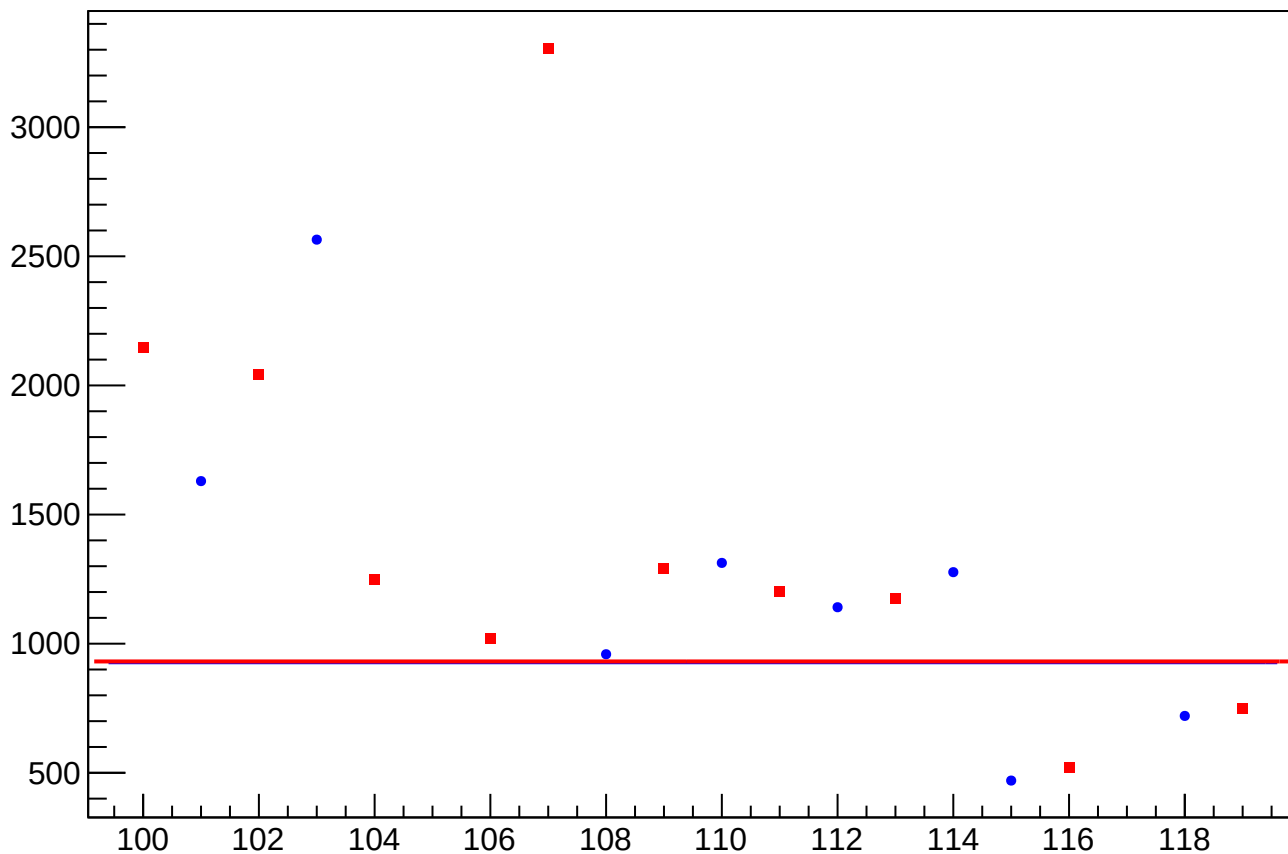
Right: -762.806+/-384.906 χ^2/NDF : 11.6/17

In: -605.086+/-567.567 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -762.806+/-384.906 χ^2/NDF : 11.6/17

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 928.091+/-0.401 χ^2/NDF : 1152257.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 931.214+/-0.370 χ^2/NDF : 1206889.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

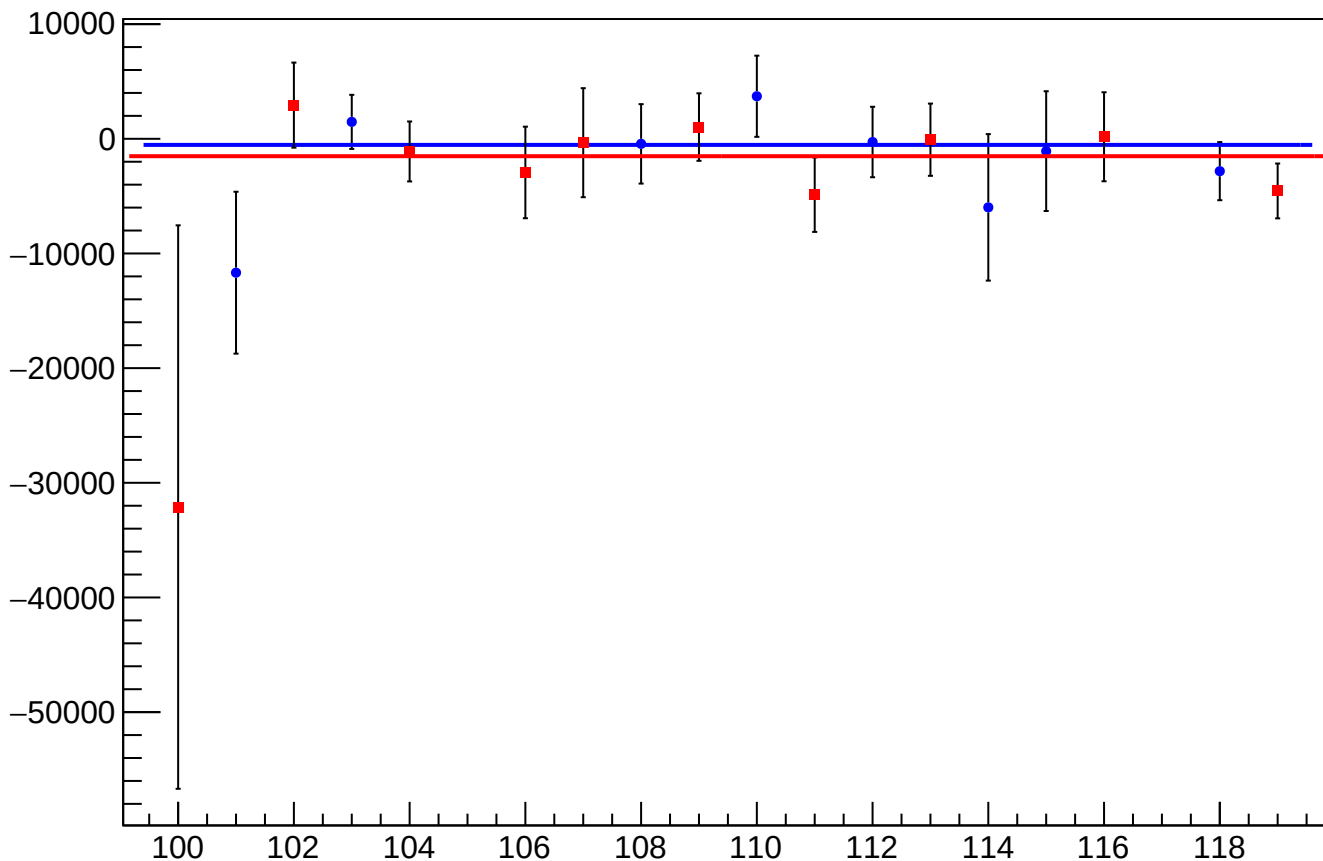
Right: 929.778+/-0.272 χ^2/NDF : 2359179.8/17

In: 928.091+/-0.401 χ^2/NDF : 1152257.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 929.778+/-0.272 χ^2/NDF : 2359179.8/17

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -531.383+/-1207.595 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1517.646+/-1065.982 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

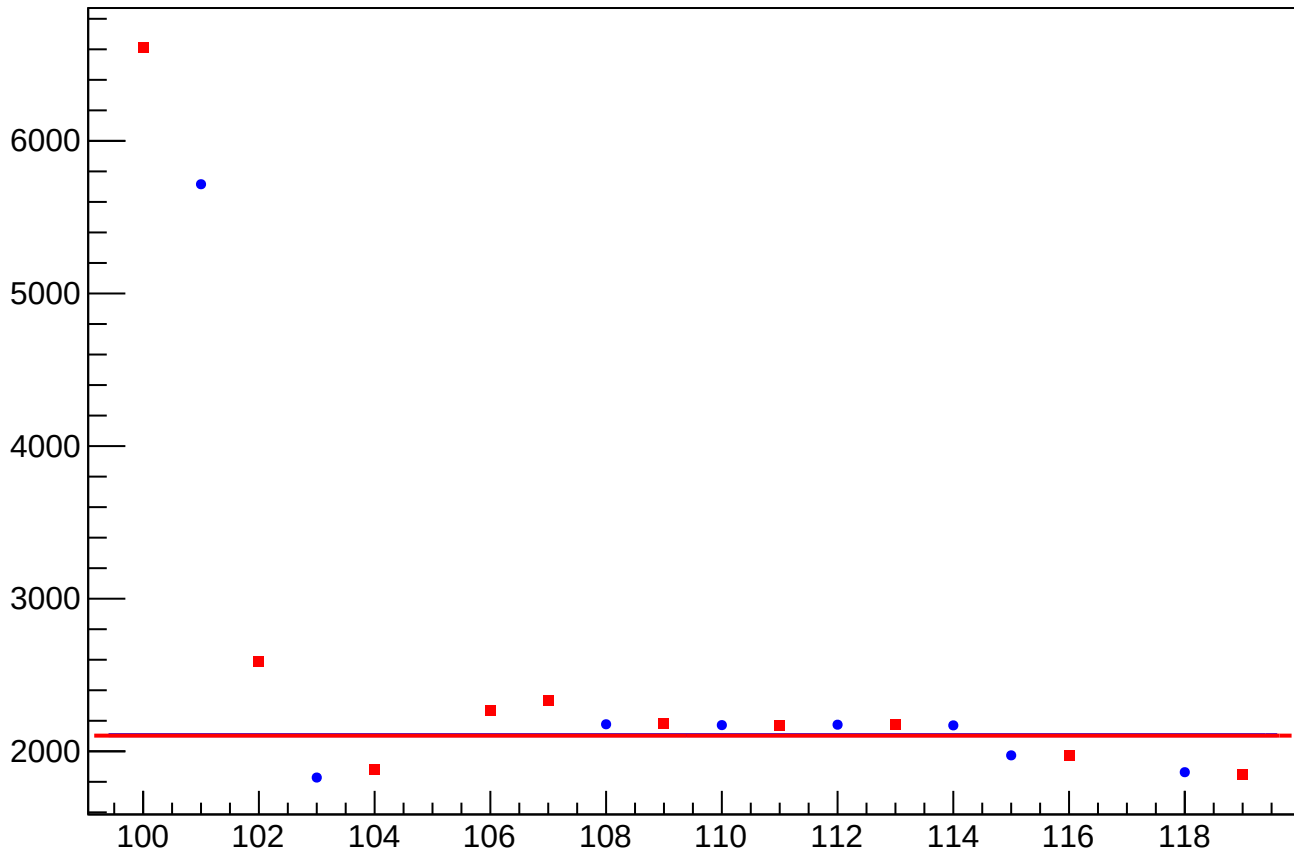
Right: -1085.709+/-799.164 χ^2/NDF : 13.6/17

In: -531.383+/-1207.595 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1085.709+/-799.164 χ^2/NDF : 13.6/17

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2105.728+/-0.854 χ^2/NDF : 573248.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2102.679+/-0.754 χ^2/NDF : 153501.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

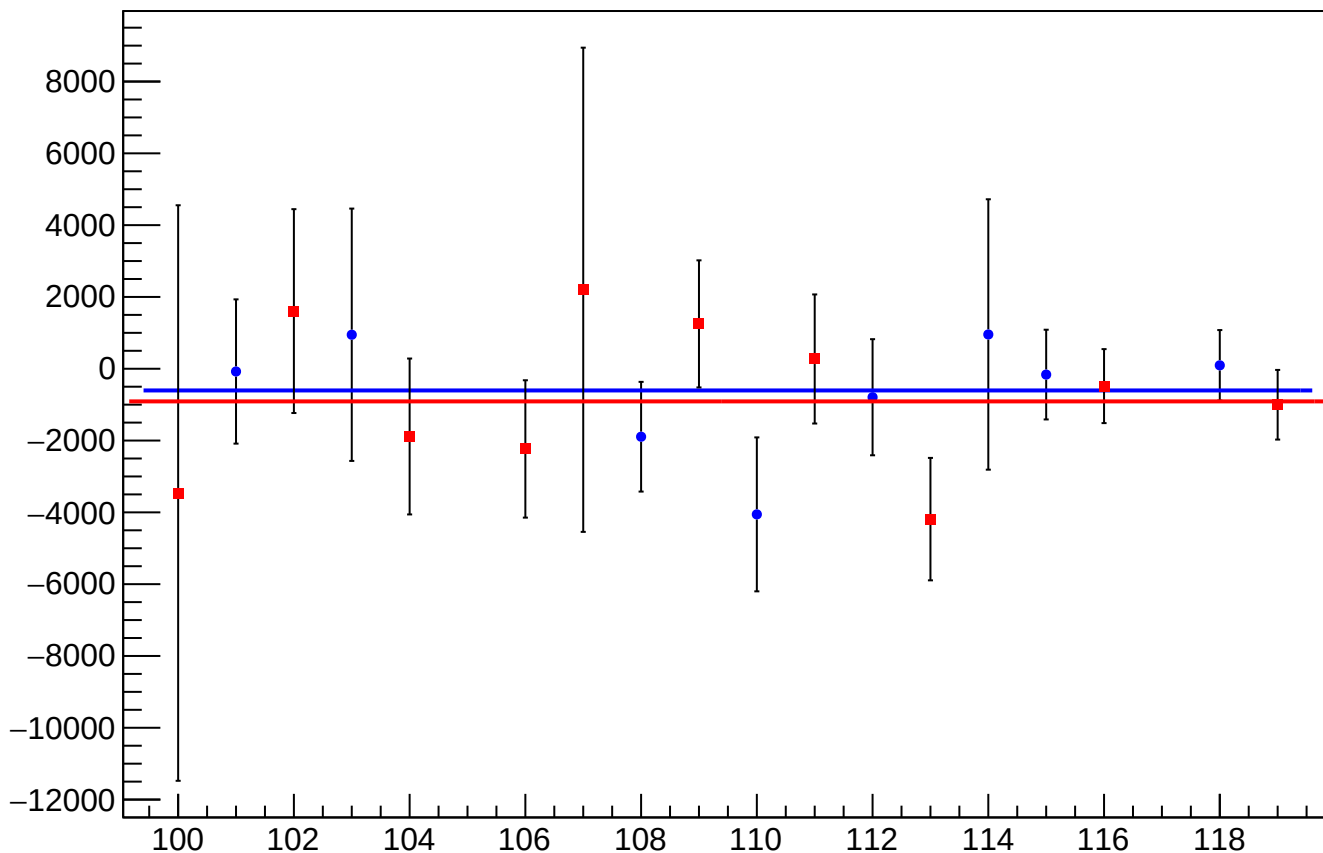
Right: 2104.014+/-0.565 χ^2/NDF : 726756.4/17

In: 2105.728+/-0.854 χ^2/NDF : 573248.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2104.014+/-0.565 χ^2/NDF : 726756.4/17

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -604.332+/-567.489 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -909.185+/-525.309 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

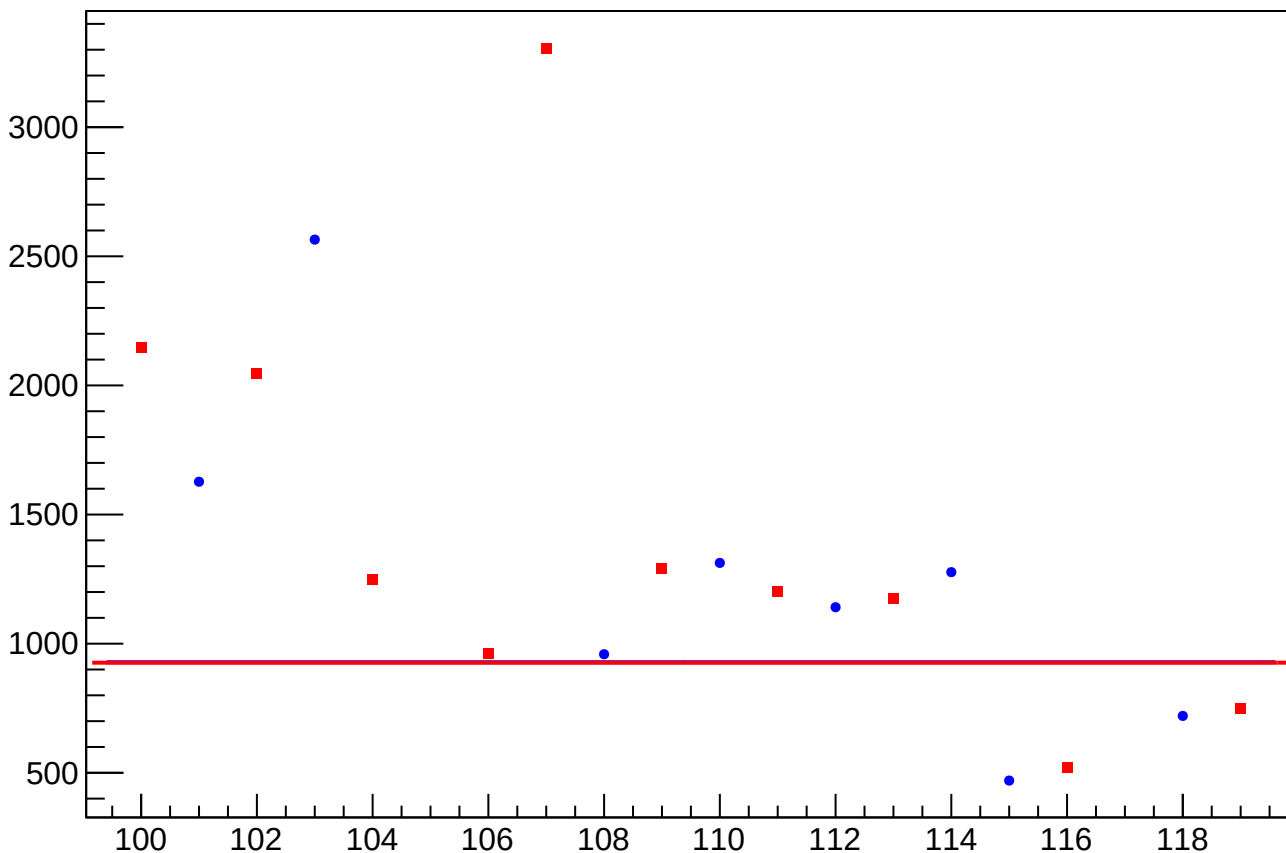
Right: -768.508+/-385.500 χ^2/NDF : 12.1/17

In: -604.332+/-567.489 χ^2/NDF :4.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -768.508+/-385.500 χ^2/NDF : 12.1/17

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 928.037+/-0.401 χ^2/NDF : 1151440.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.392+/-0.371 χ^2/NDF : 1204733.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

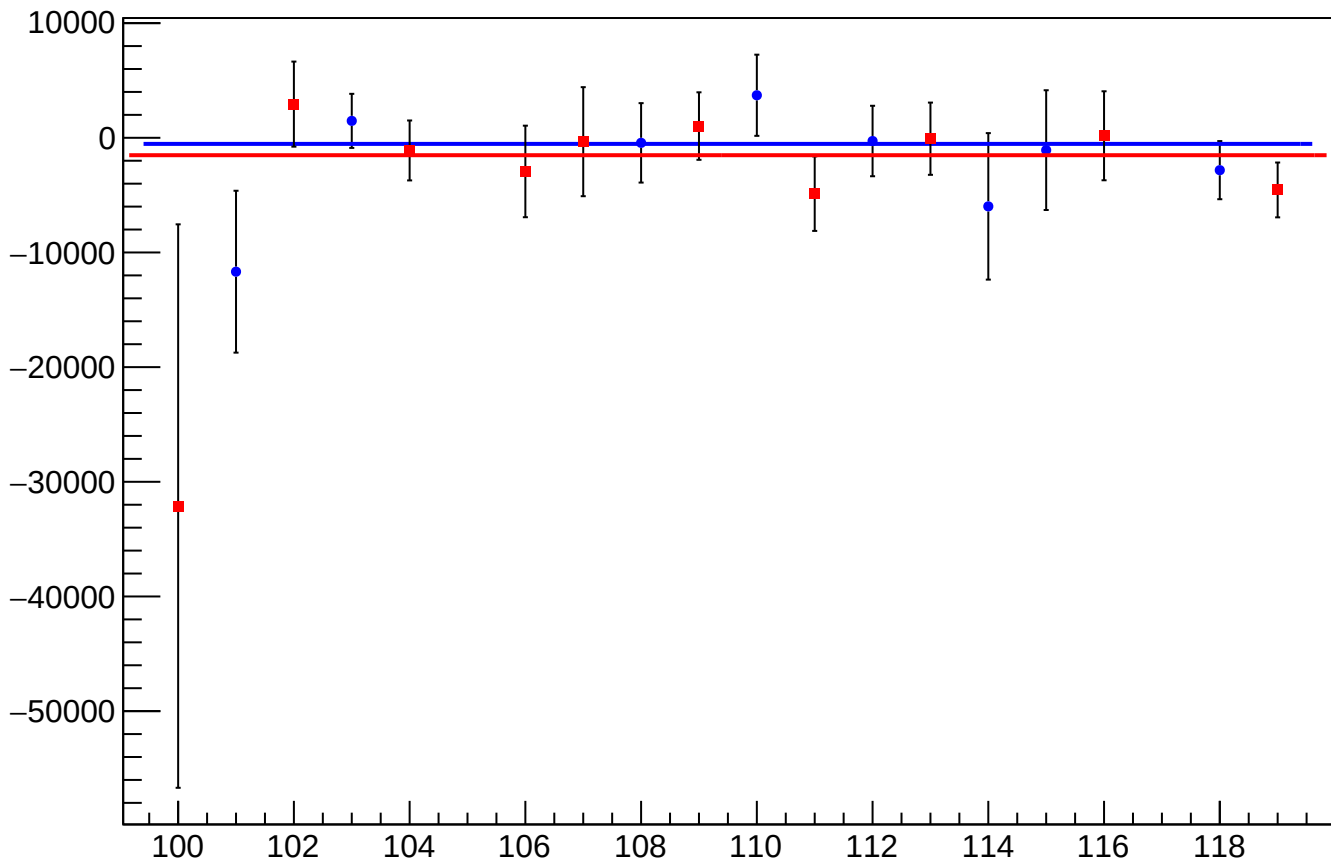
Right: 927.151+/-0.273 χ^2/NDF : 2356183.1/17

In: 928.037+/-0.401 χ^2/NDF : 1151440.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.151+/-0.273 χ^2/NDF : 2356183.1/17

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -531.383+/-1207.595 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1517.646+/-1065.982 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

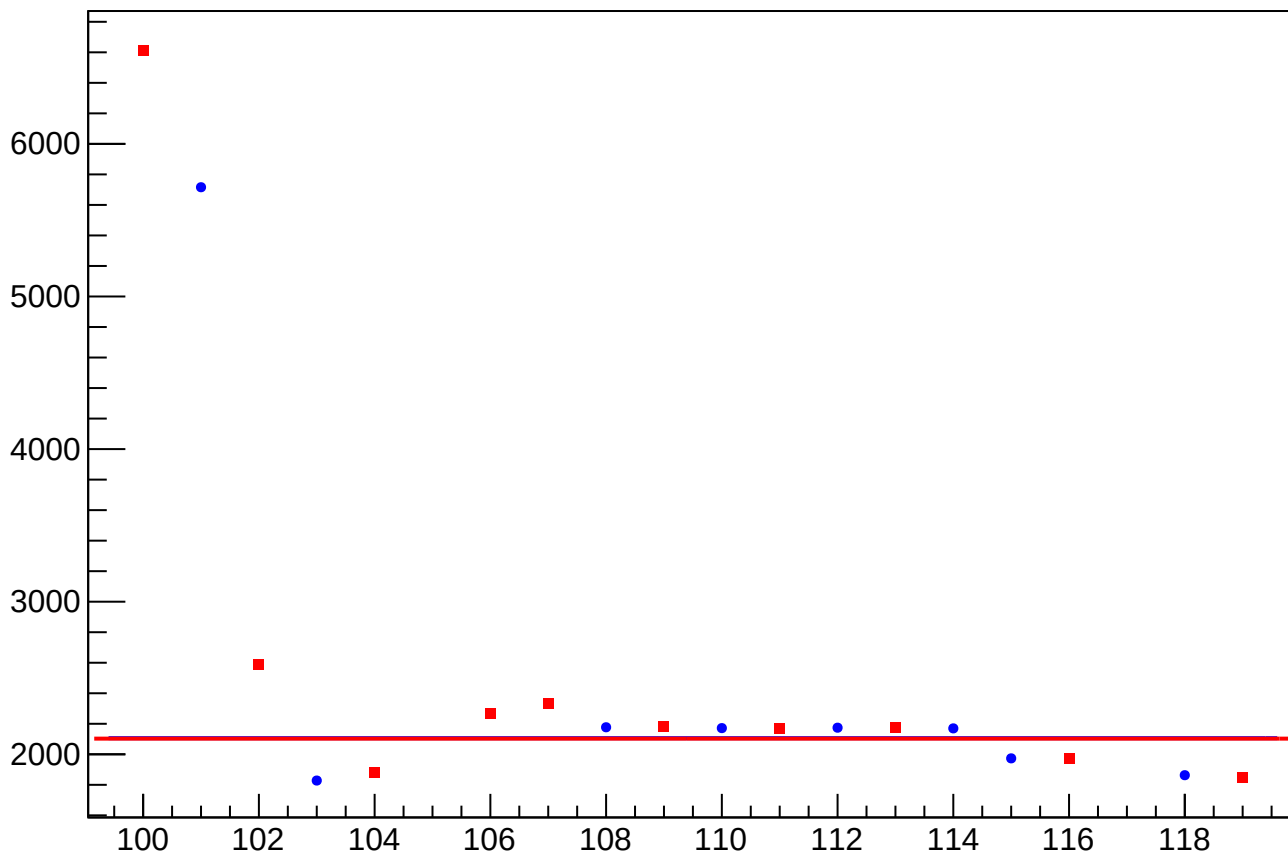
Right: -1085.709+/-799.164 χ^2/NDF : 13.6/17

In: -531.383+/-1207.595 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1085.709+/-799.164 χ^2/NDF : 13.6/17

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2105.728+/-0.854 χ^2/NDF : 573248.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2102.679+/-0.754 χ^2/NDF : 153501.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

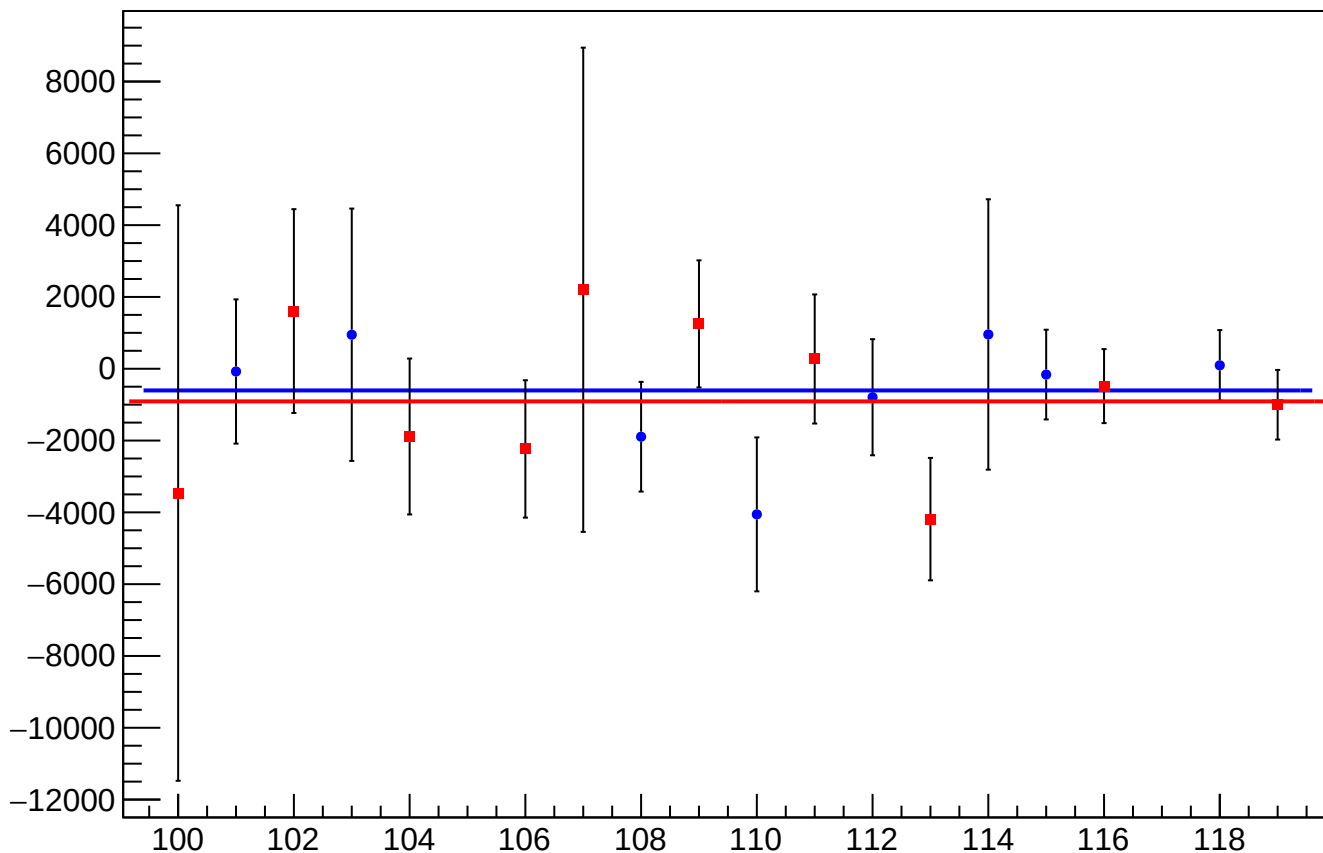
Right: 2104.014+/-0.565 χ^2/NDF : 726756.4/17

In: 2105.728+/-0.854 χ^2/NDF : 573248.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2104.014+/-0.565 χ^2/NDF : 726756.4/17

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -604.332+/-567.489 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -909.185+/-525.309 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

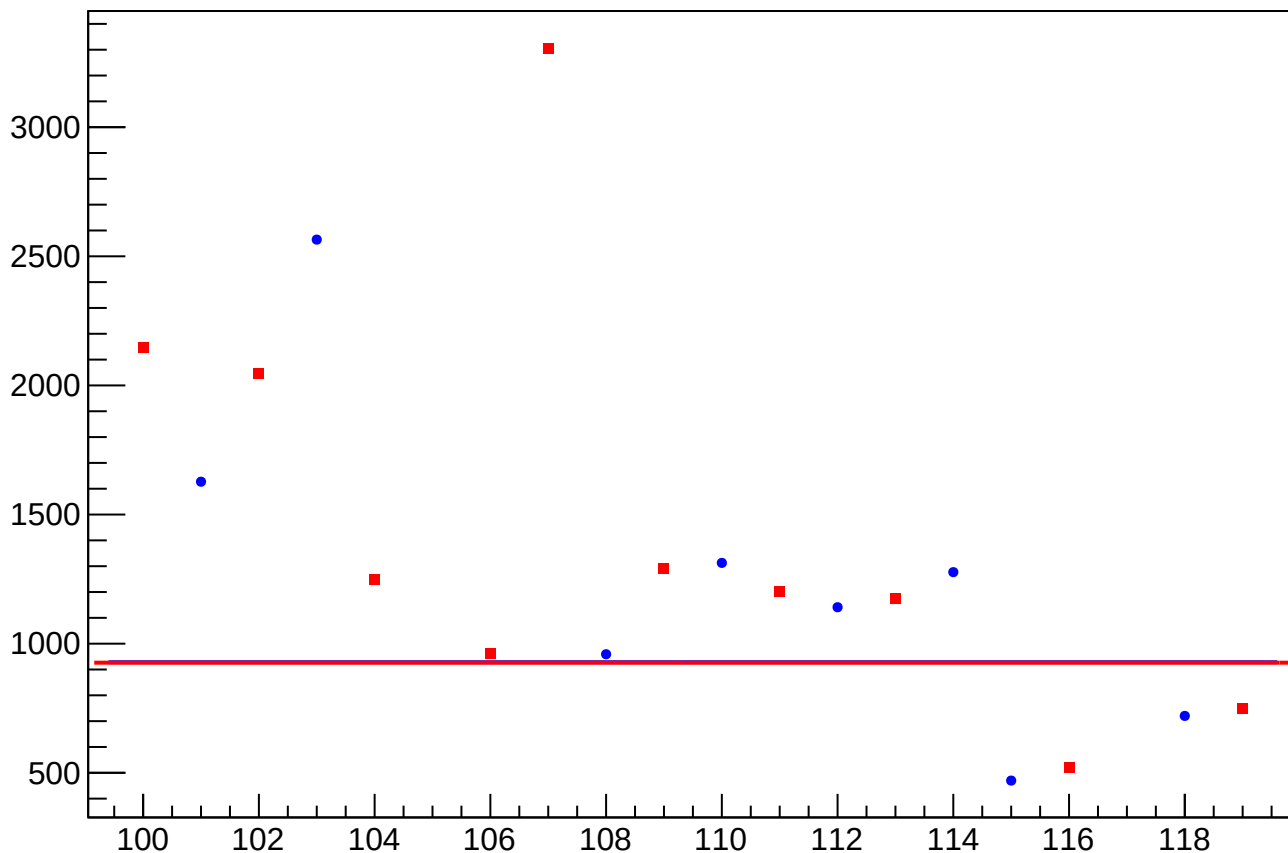
Right: -768.508+/-385.500 χ^2/NDF : 12.1/17

In: -604.332+/-567.489 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -768.508+/-385.500 χ^2/NDF : 12.1/17

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 928.037+/-0.401 χ^2/NDF : 1151440.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.392+/-0.371 χ^2/NDF : 1204733.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

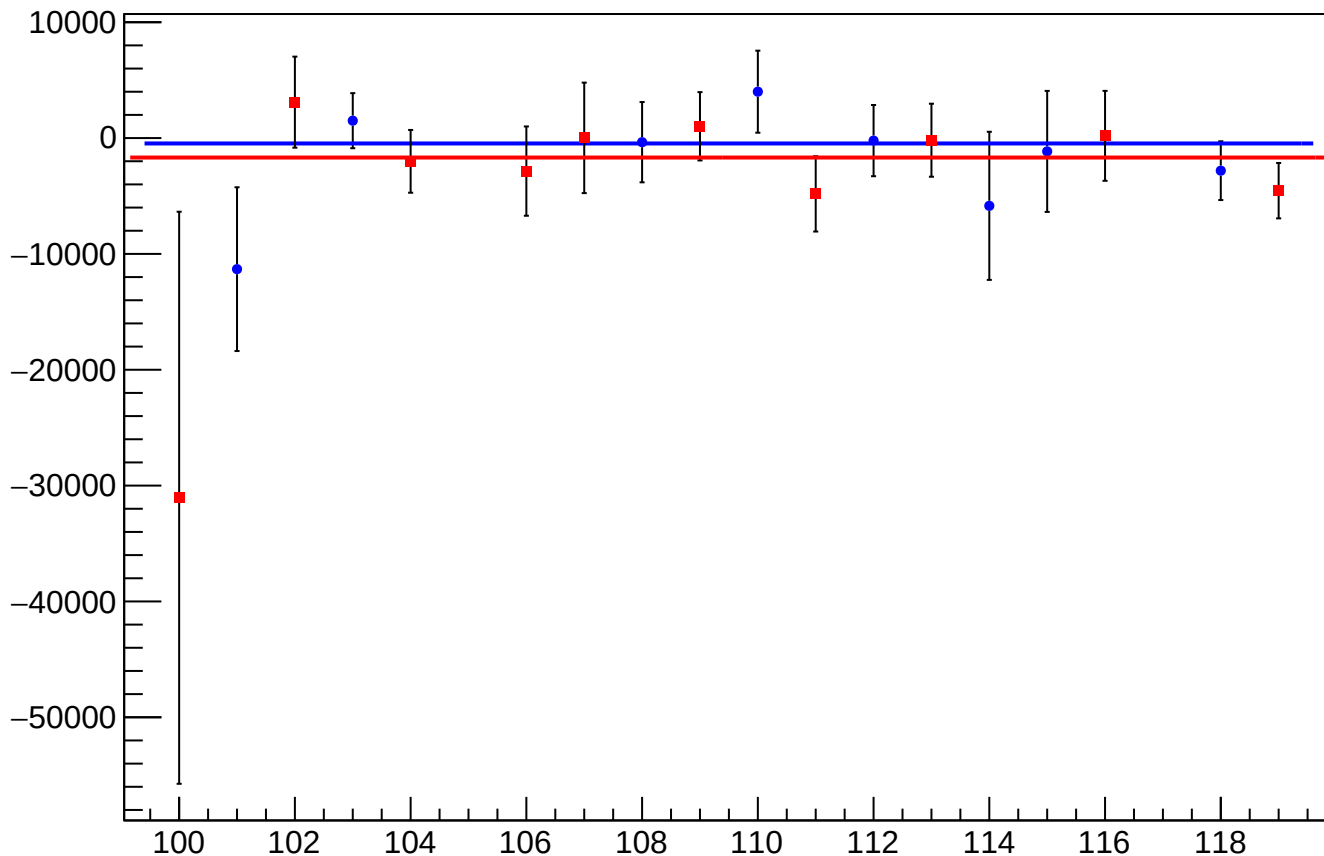
Right: 927.151+/-0.273 χ^2/NDF : 2356183.1/17

In: 928.037+/-0.401 χ^2/NDF : 1151440.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.151+/-0.273 χ^2/NDF : 2356183.1/17

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -464.809+/-1210.394 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1679.989+/-1074.928 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

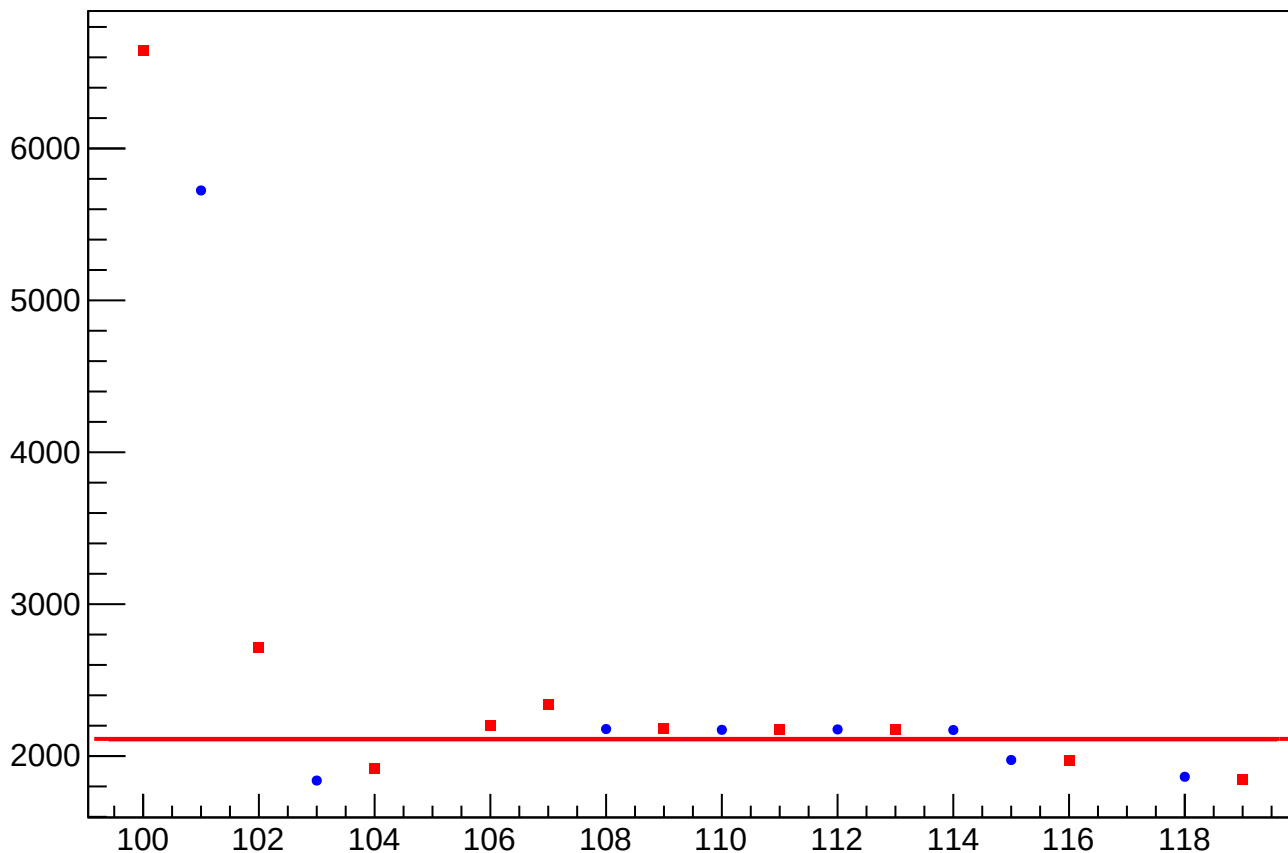
Right: -1144.178+/-803.733 χ^2/NDF : 13.6/17

In: -464.809+/-1210.394 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1144.178+/-803.733 χ^2/NDF : 13.6/17

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2110.180+/-0.856 χ^2/NDF : 571506.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.017+/-0.760 χ^2/NDF : 159643.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

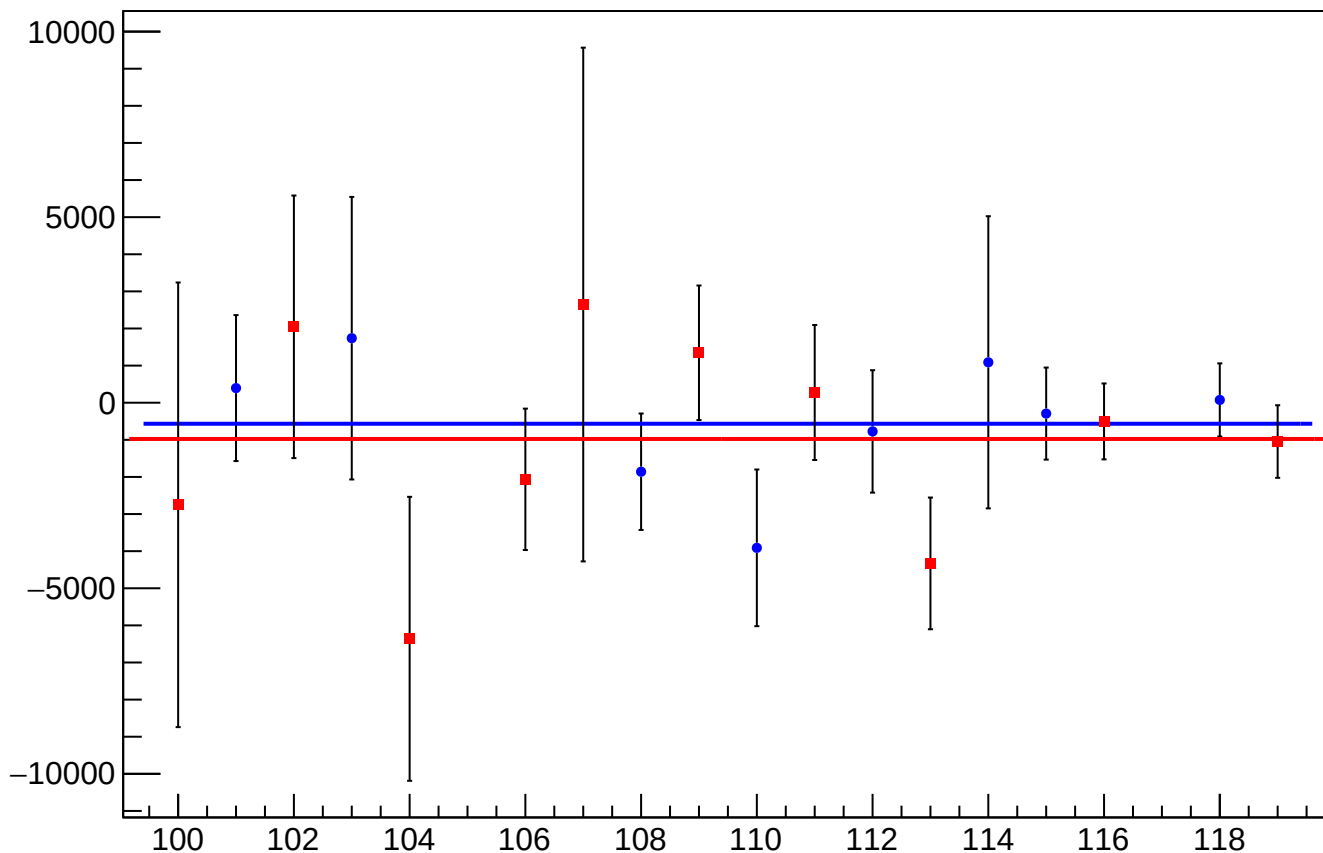
Right: 2111.766+/-0.568 χ^2/NDF : 731156.8/17

In: 2110.180+/-0.856 χ^2/NDF : 571506.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.766+/-0.568 χ^2/NDF : 731156.8/17

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -566.569+/-570.760 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -976.747+/-542.451 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

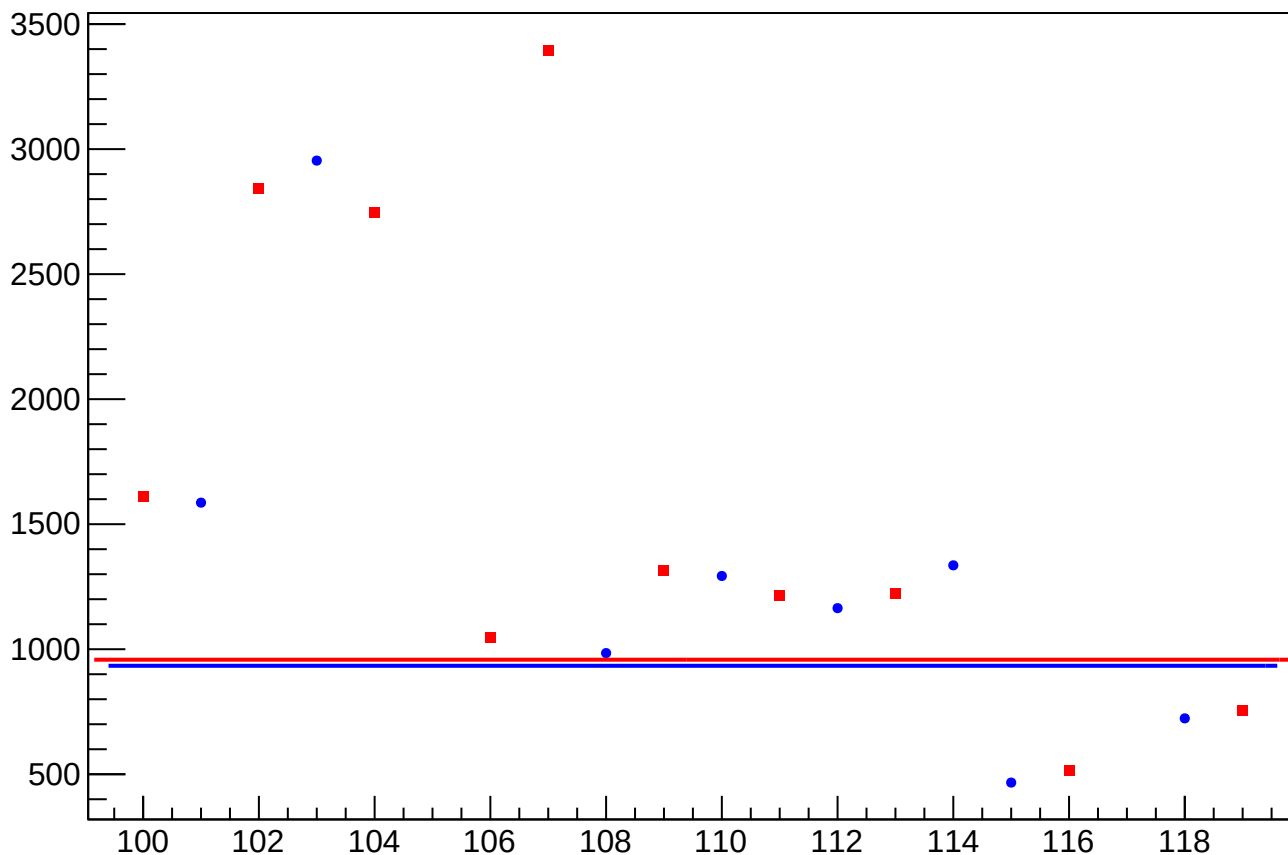
Right: -782.082+/-393.198 χ^2/NDF : 14.0/17

In: -566.569+/-570.760 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -782.082+/-393.198 χ^2/NDF : 14.0/17

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 933.755+/-0.404 χ^2/NDF : 1277887.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.084+/-0.384 χ^2/NDF : 1903649.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

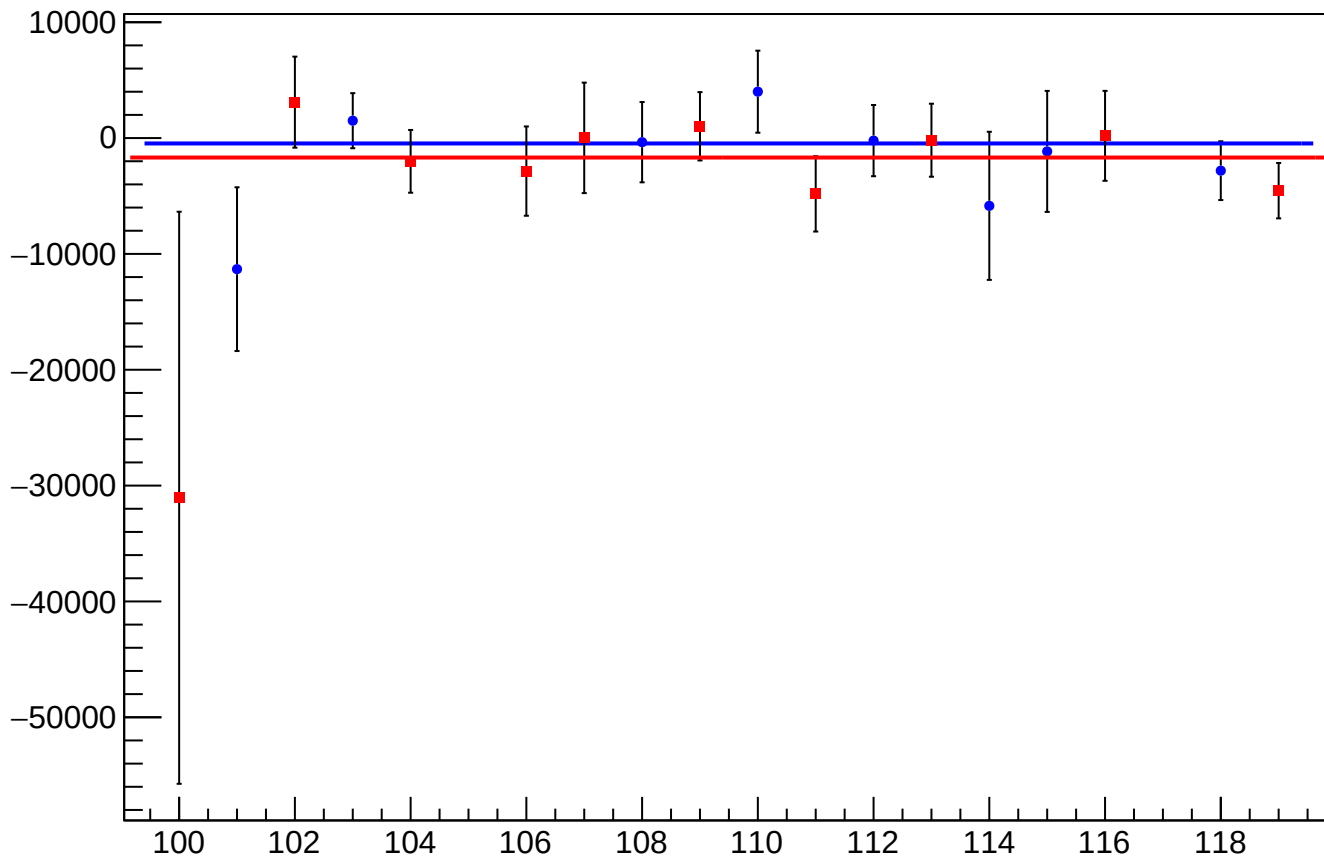
Right: 946.538+/-0.278 χ^2/NDF : 3183446.4/17

In: 933.755+/-0.404 χ^2/NDF : 1277887.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.538+/-0.278 χ^2/NDF : 3183446.4/17

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -464.810+/-1210.394 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1679.990+/-1074.928 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

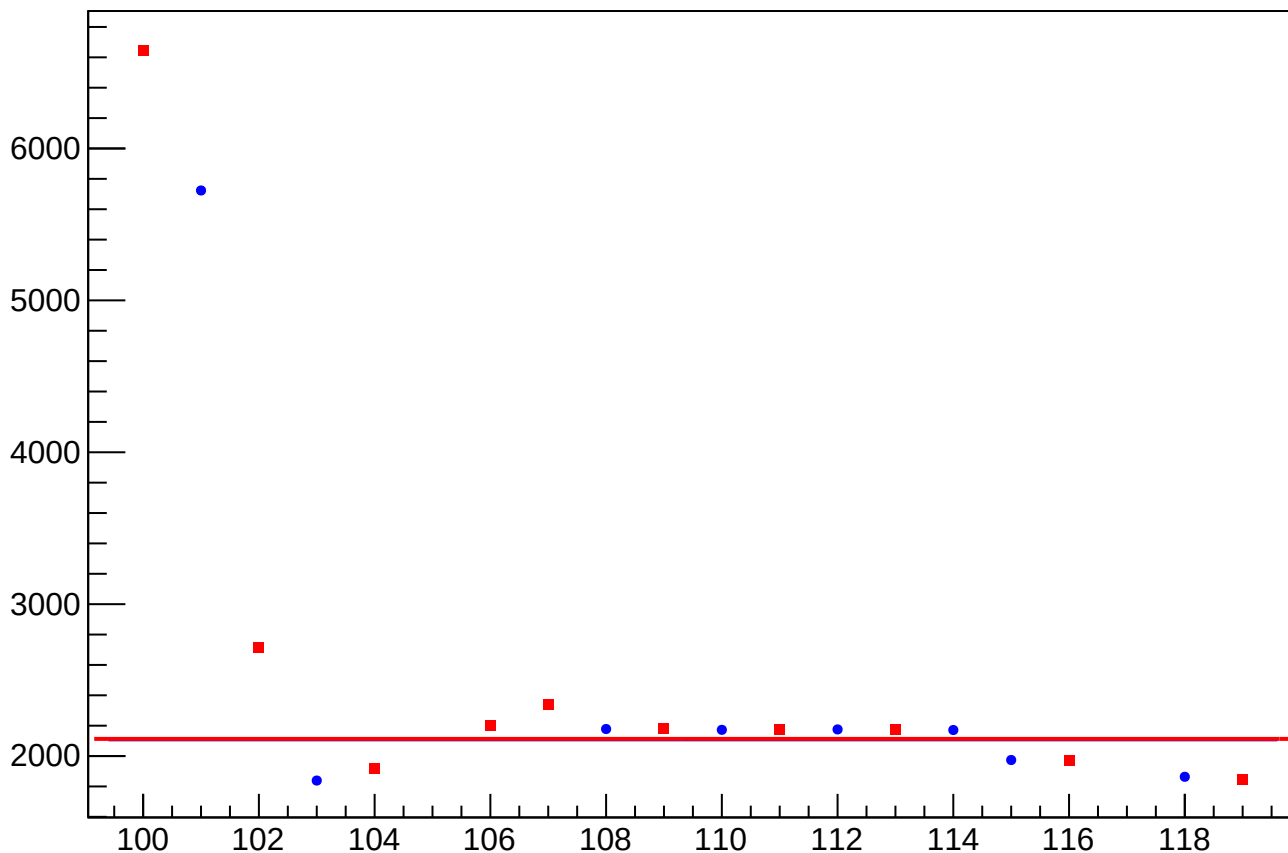
Right: -1144.179+/-803.733 χ^2/NDF : 13.6/17

In: -464.810+/-1210.394 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1144.179+/-803.733 χ^2/NDF : 13.6/17

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2110.180+/-0.856 χ^2/NDF : 571507.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2113.017+/-0.760 χ^2/NDF : 159643.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

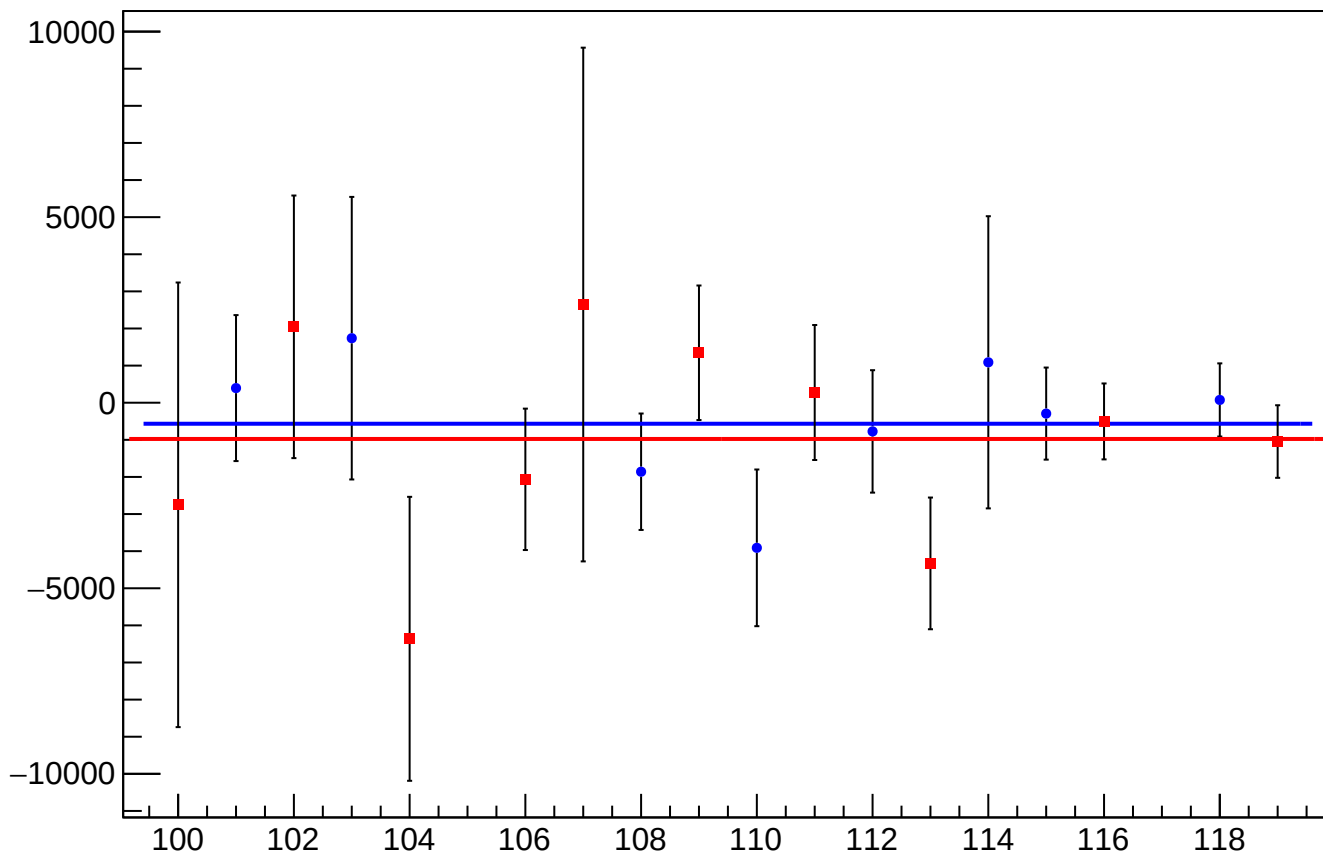
Right: 2111.766+/-0.568 χ^2/NDF : 731156.8/17

In: 2110.180+/-0.856 χ^2/NDF : 571507.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.766+/-0.568 χ^2/NDF : 731156.8/17

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -566.570+/-570.759 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -976.745+/-542.450 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

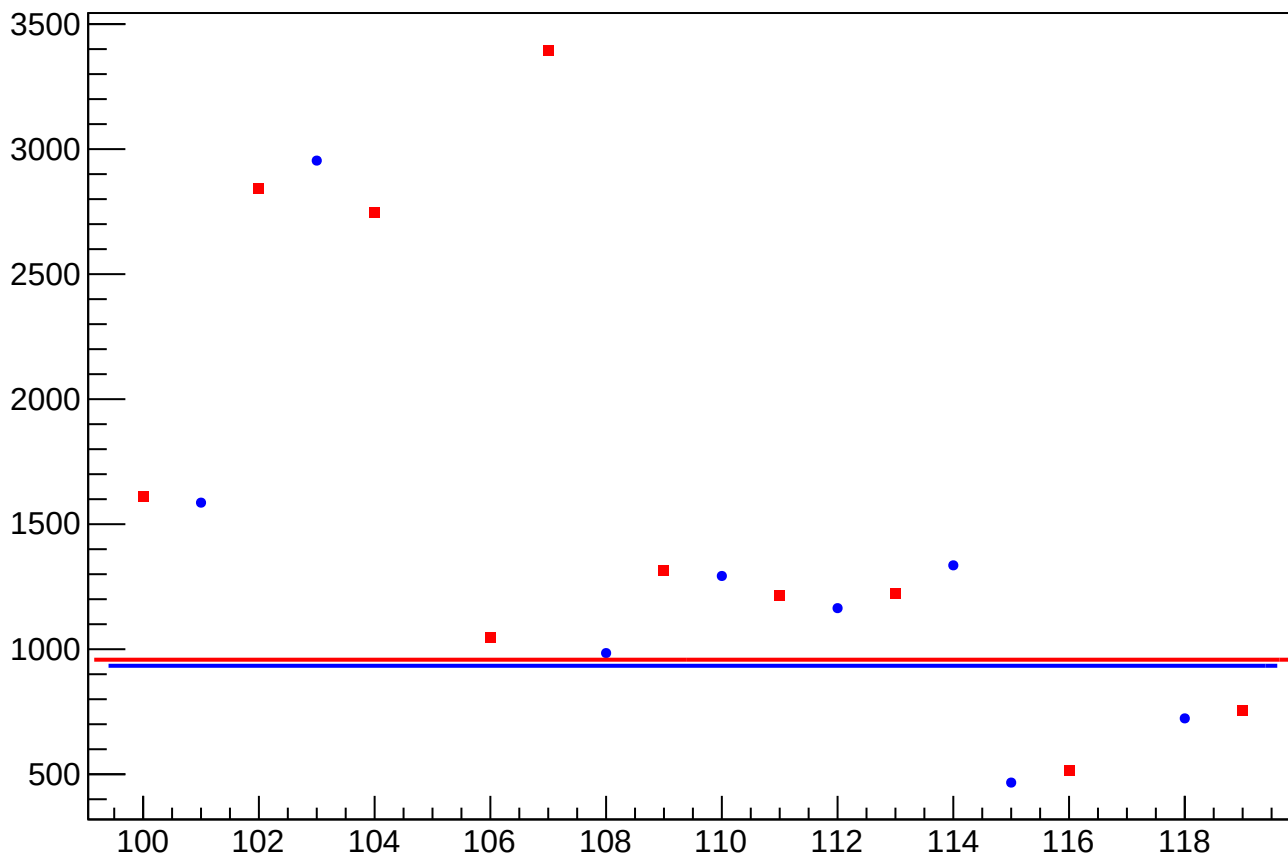
Right: -782.081+/-393.197 χ^2/NDF : 14.0/17

In: -566.570+/-570.759 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -782.081+/-393.197 χ^2/NDF : 14.0/17

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 933.754+/-0.404 χ^2/NDF : 1277892.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.083+/-0.384 χ^2/NDF : 1903655.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

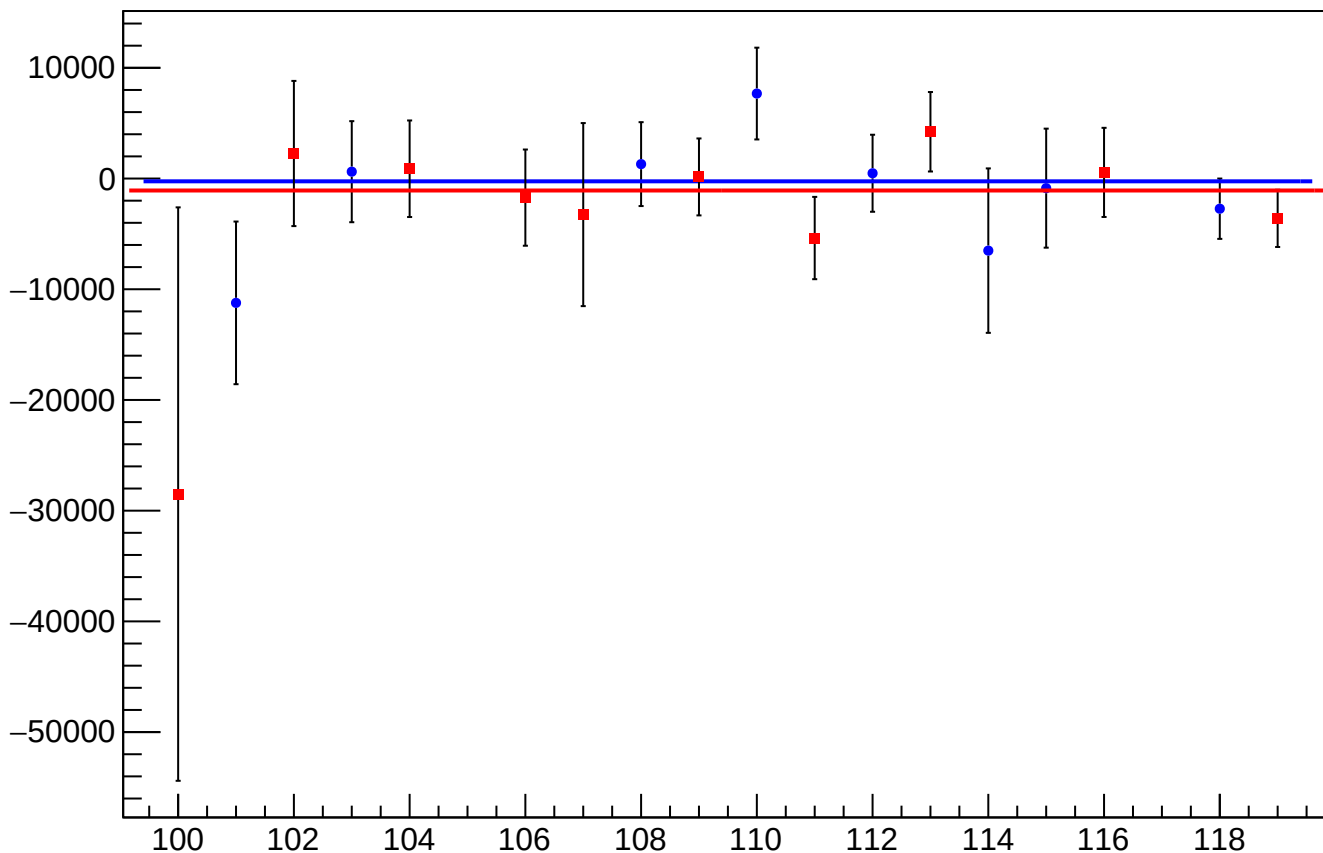
Right: 946.536+/-0.278 χ^2/NDF : 3183457.1/17

In: 933.754+/-0.404 χ^2/NDF : 1277892.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 946.536+/-0.278 χ^2/NDF : 3183457.1/17

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -251.672 ± 1467.217 χ^2/NDF : 7.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1080.296 ± 1302.564 χ^2/NDF : 6.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

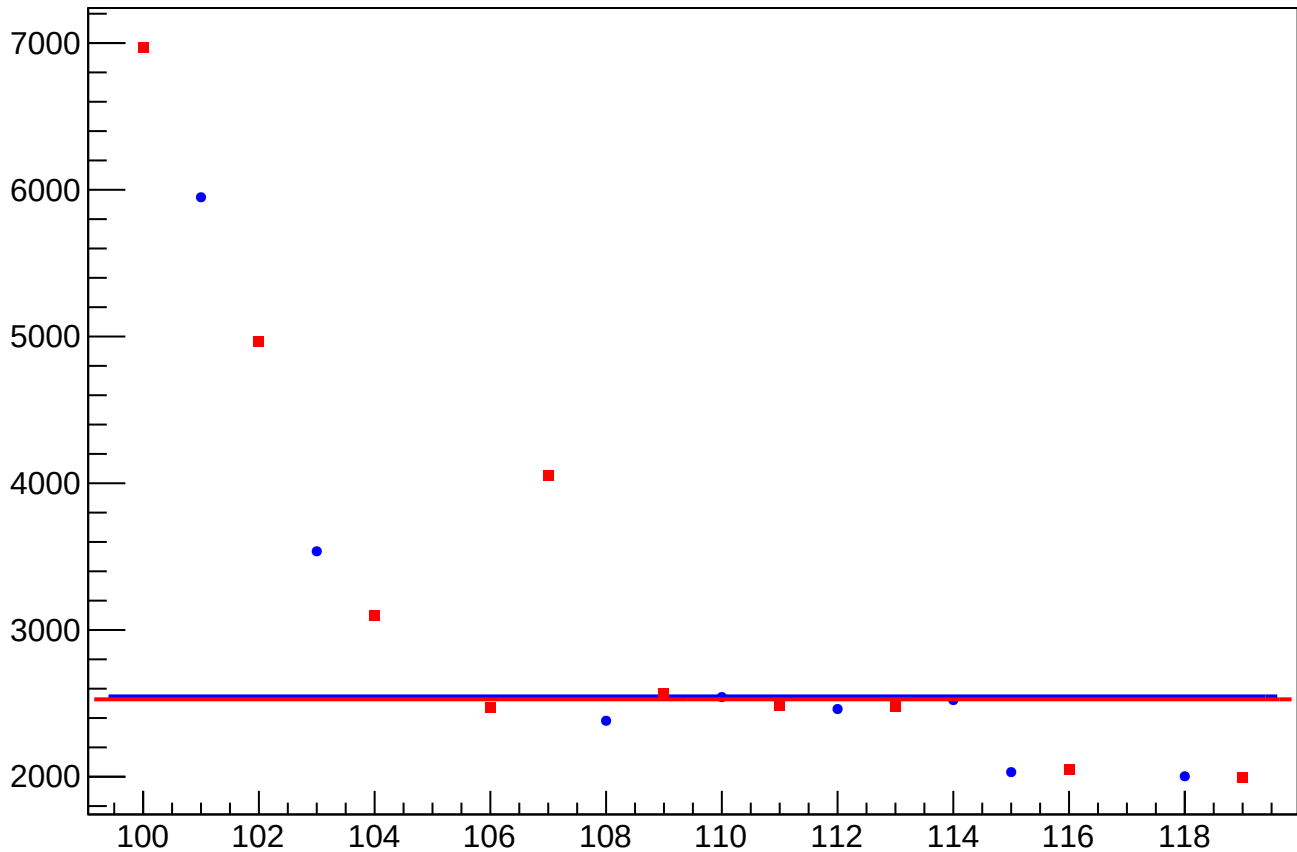
Right: -715.069 ± 974.085 χ^2/NDF : 14.3/17

In: -251.672 ± 1467.217 χ^2/NDF : 7.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -715.069 ± 974.085 χ^2/NDF : 14.3/17

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2547.226+/-1.037 χ^2/NDF : 626220.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2527.471+/-0.921 χ^2/NDF : 553978.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

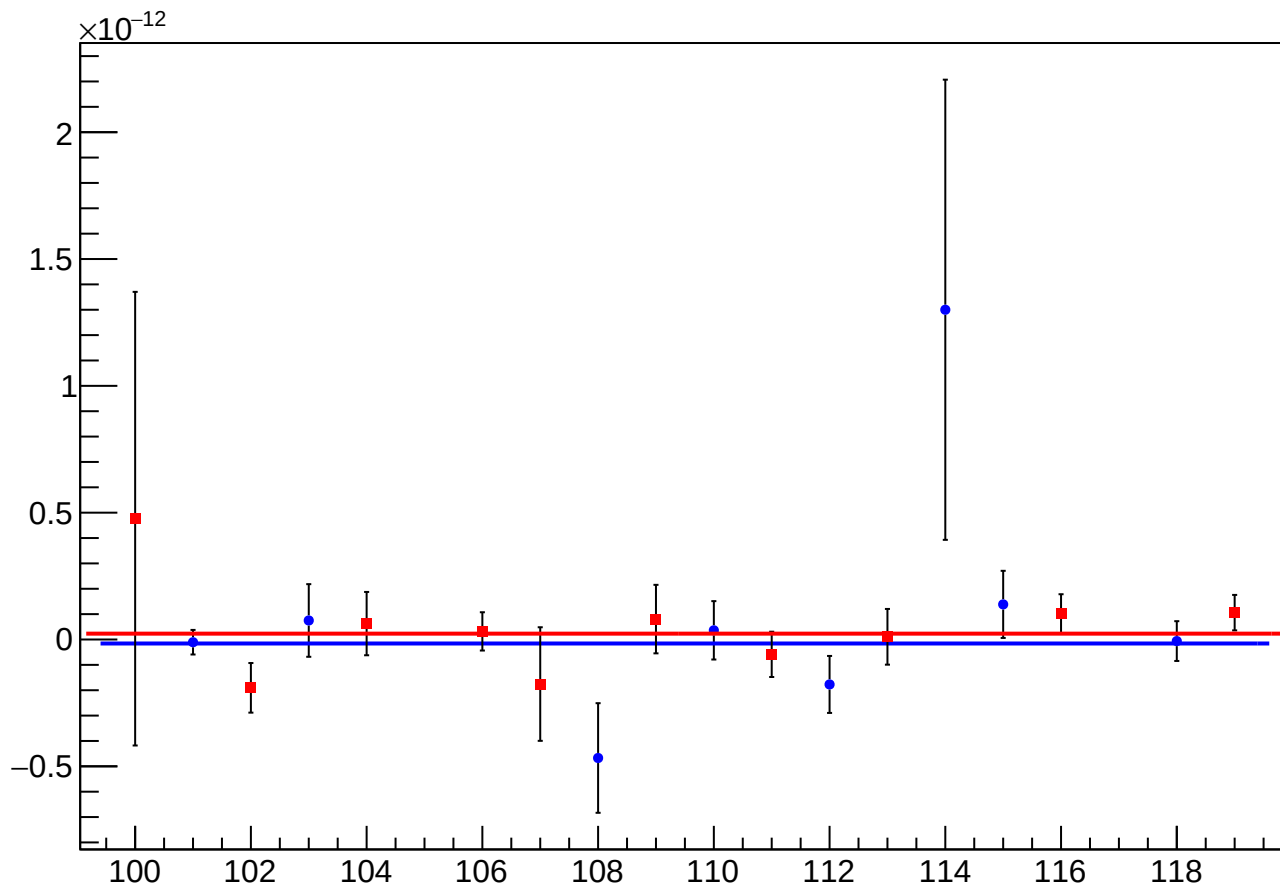
Right: 2536.178+/-0.689 χ^2/NDF : 1180401.6/17

In: 2547.226+/-1.037 χ^2/NDF : 626220.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2536.178+/-0.689 χ^2/NDF : 1180401.6/17

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

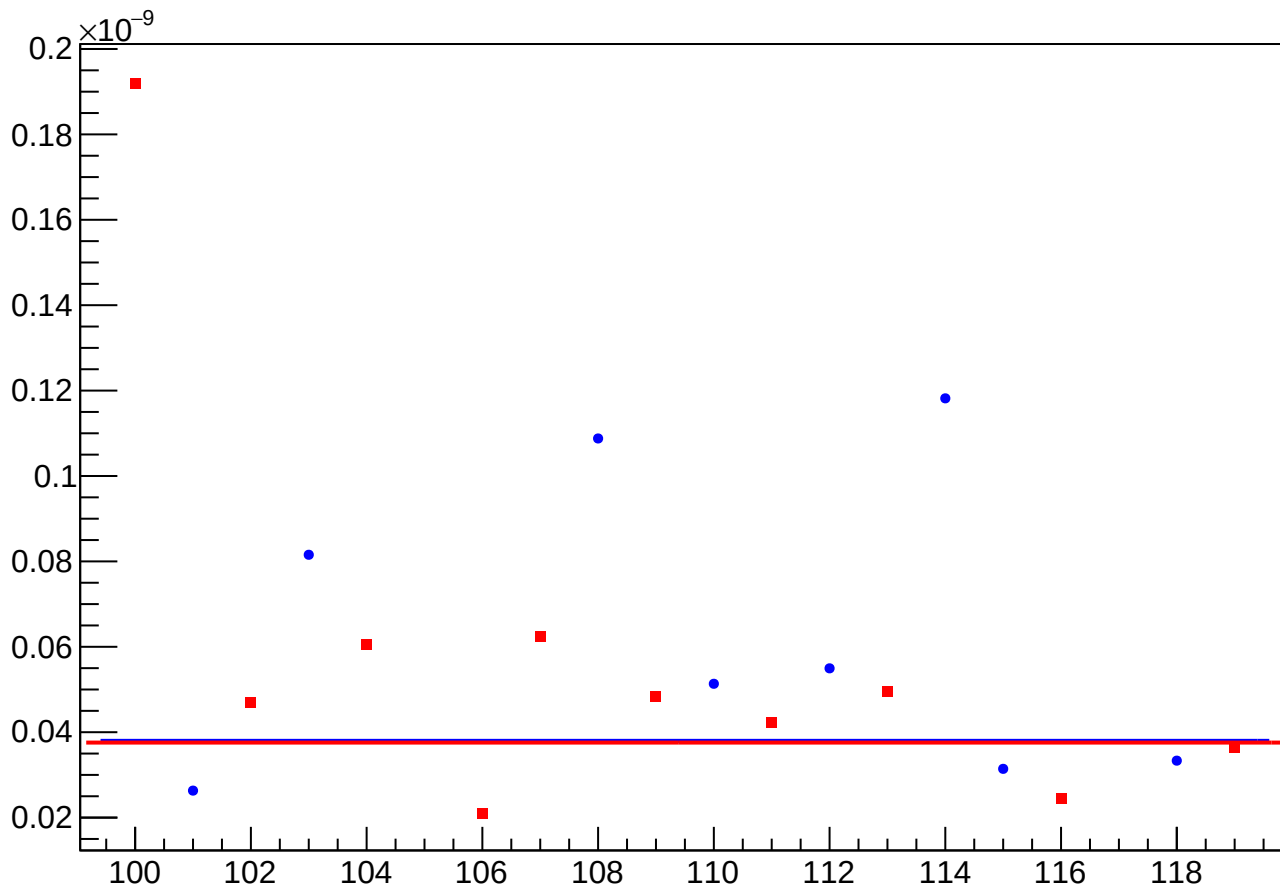
Right: 0.000+/-0.000 χ^2/NDF : 20.6/17

In: -0.000+/-0.000 χ^2/NDF : 10.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.6/17

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 615967.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 367373.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

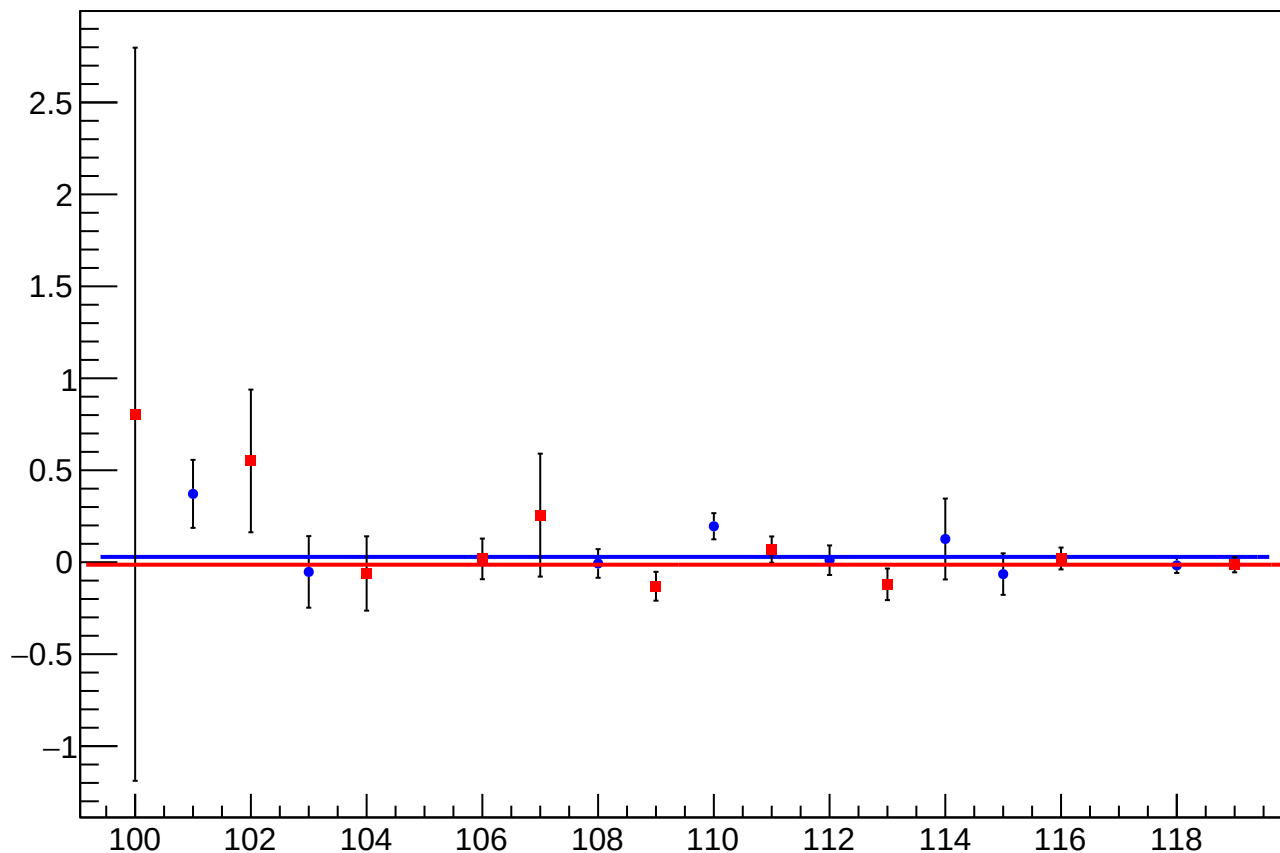
Right: 0.000+/-0.000 χ^2/NDF : 983493.8/17

In: 0.000+/-0.000 χ^2/NDF : 615967.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 983493.8/17

asym_at1_dd_dit_vs_Slug_Sign_Corrected



Right In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

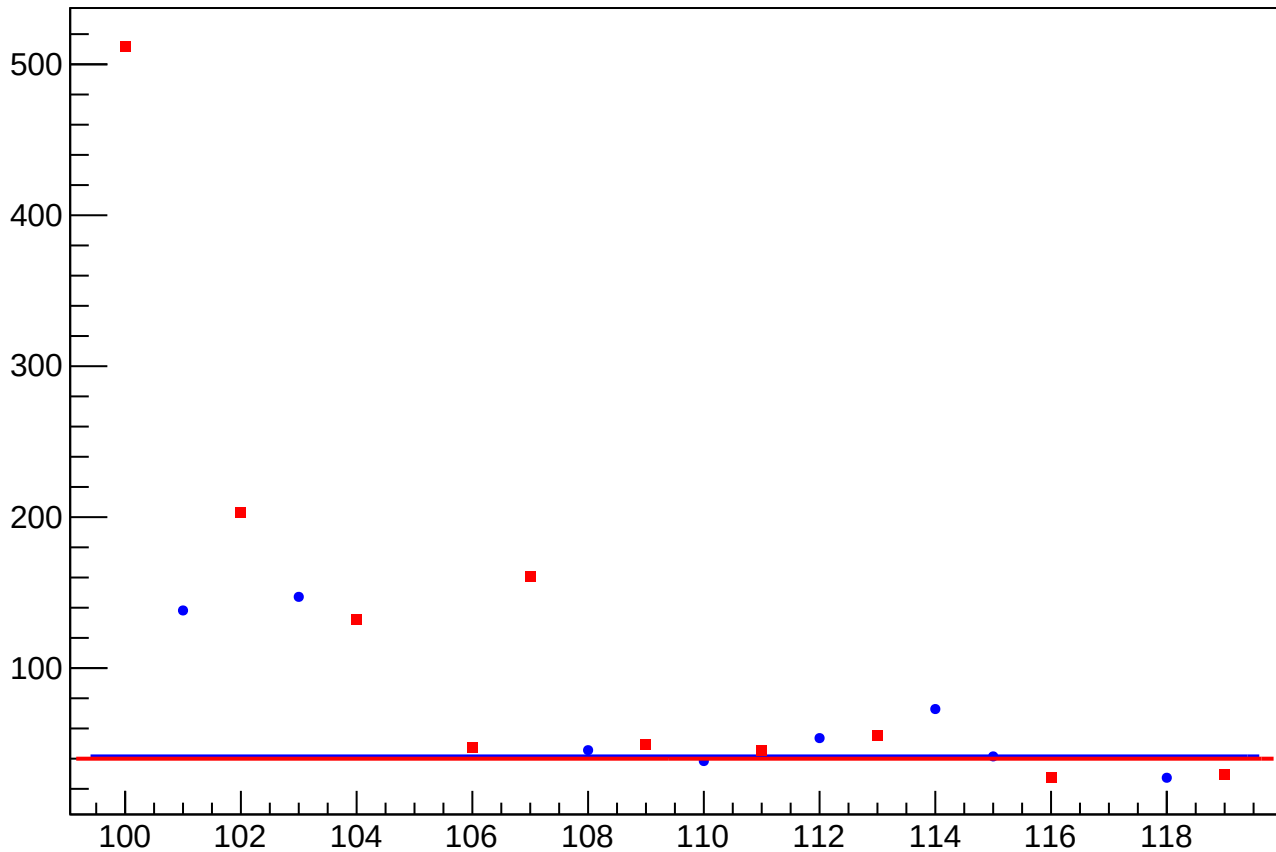
Right: 0.006+/-0.019 χ^2/NDF : 21.2/17

In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.019 χ^2/NDF : 21.2/17

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.475+/-0.020 χ^2/NDF : 1465733.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475220.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

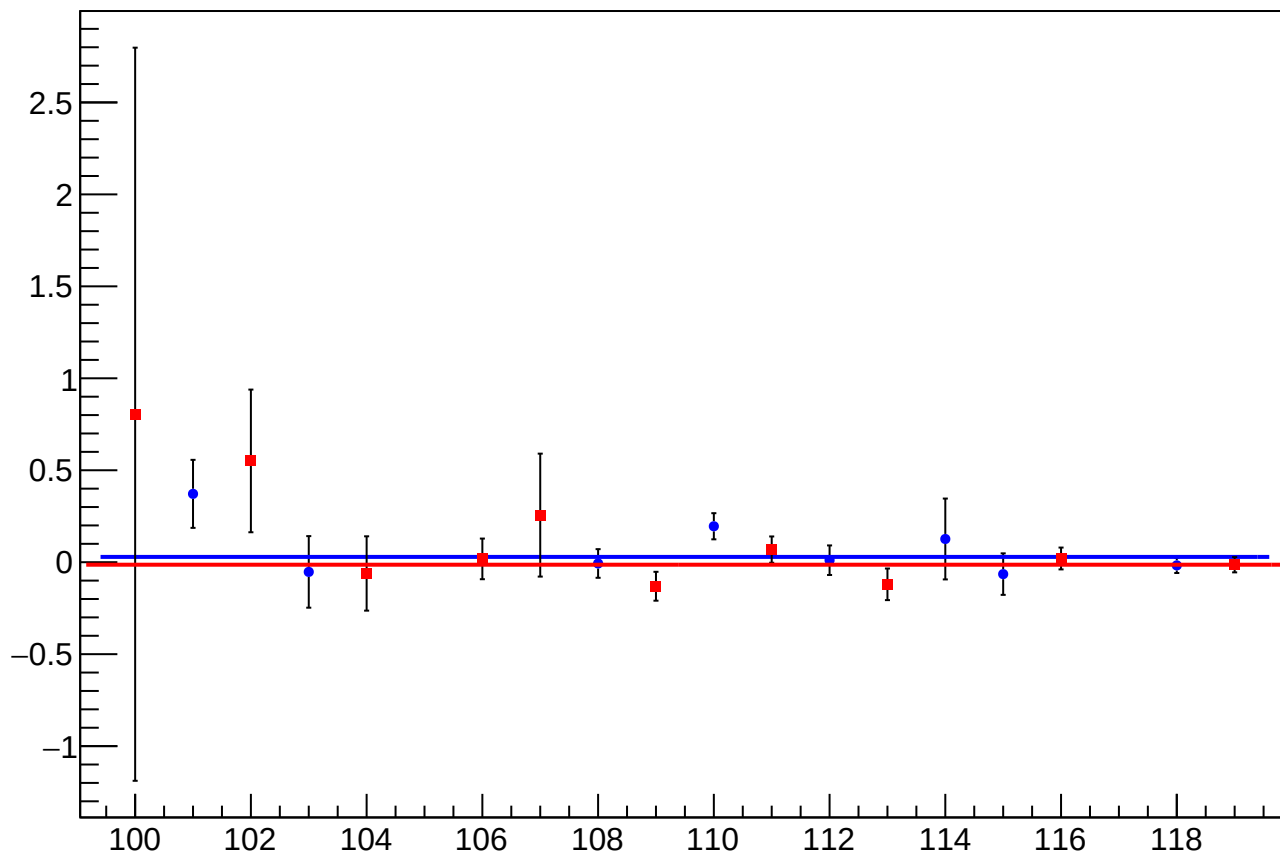
Right: 40.666+/-0.014 χ^2/NDF : 2943996.2/17

In: 41.475+/-0.020 χ^2/NDF :1465733.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.666+/-0.014 χ^2/NDF : 2943996.2/17

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

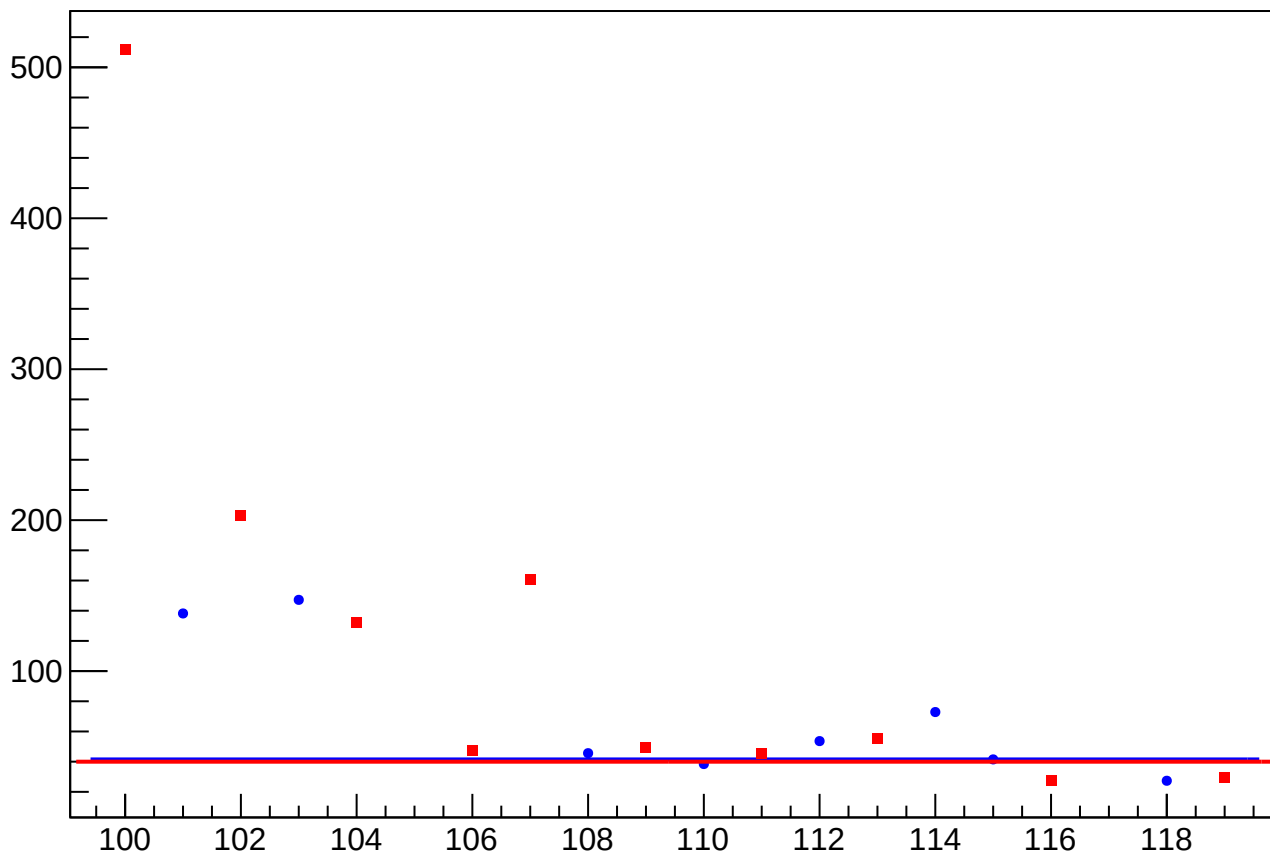
Right: 0.006+/-0.019 χ^2/NDF : 21.2/17

In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.019 χ^2/NDF : 21.2/17

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.475+/-0.020 χ^2/NDF : 1465733.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475220.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

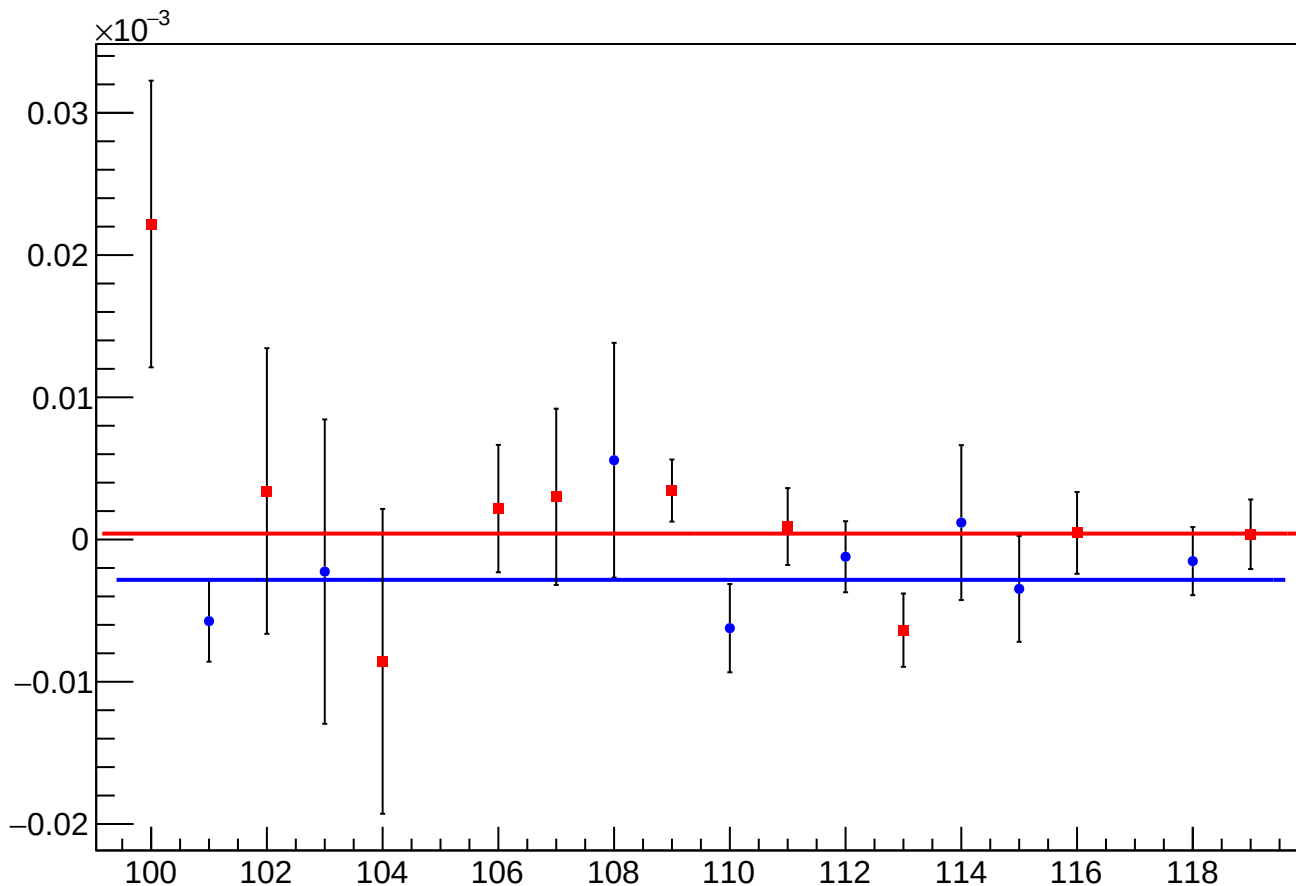
Right: 40.666+/-0.014 χ^2/NDF : 2943996.2/17

In: 41.475+/-0.020 χ^2/NDF :1465733.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.666+/-0.014 χ^2/NDF : 2943996.2/17

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

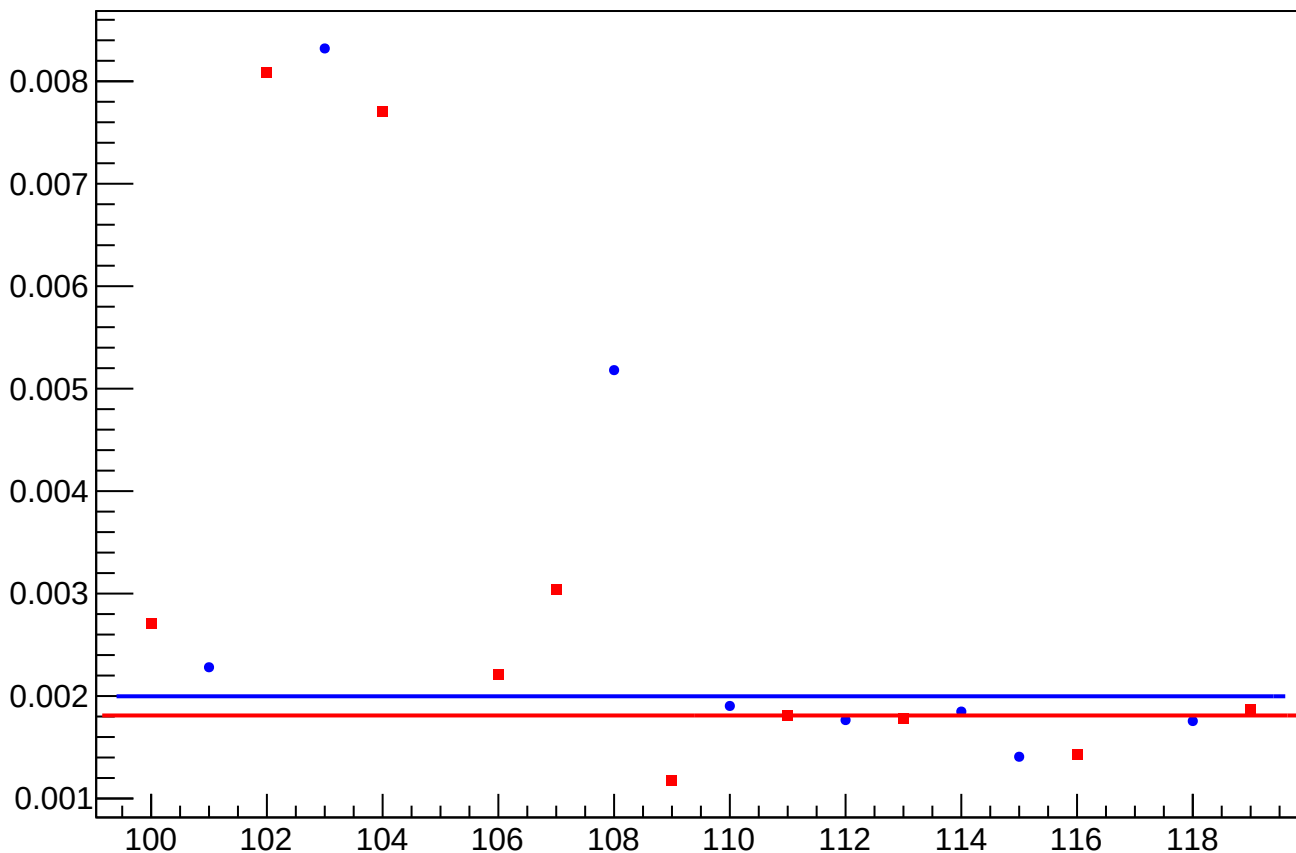
Right: -0.000+/-0.000 χ^2 /NDF: 23.4/17

In: -0.000+/-0.000 χ^2 /NDF:4.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.4/17

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1106807.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1703032.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

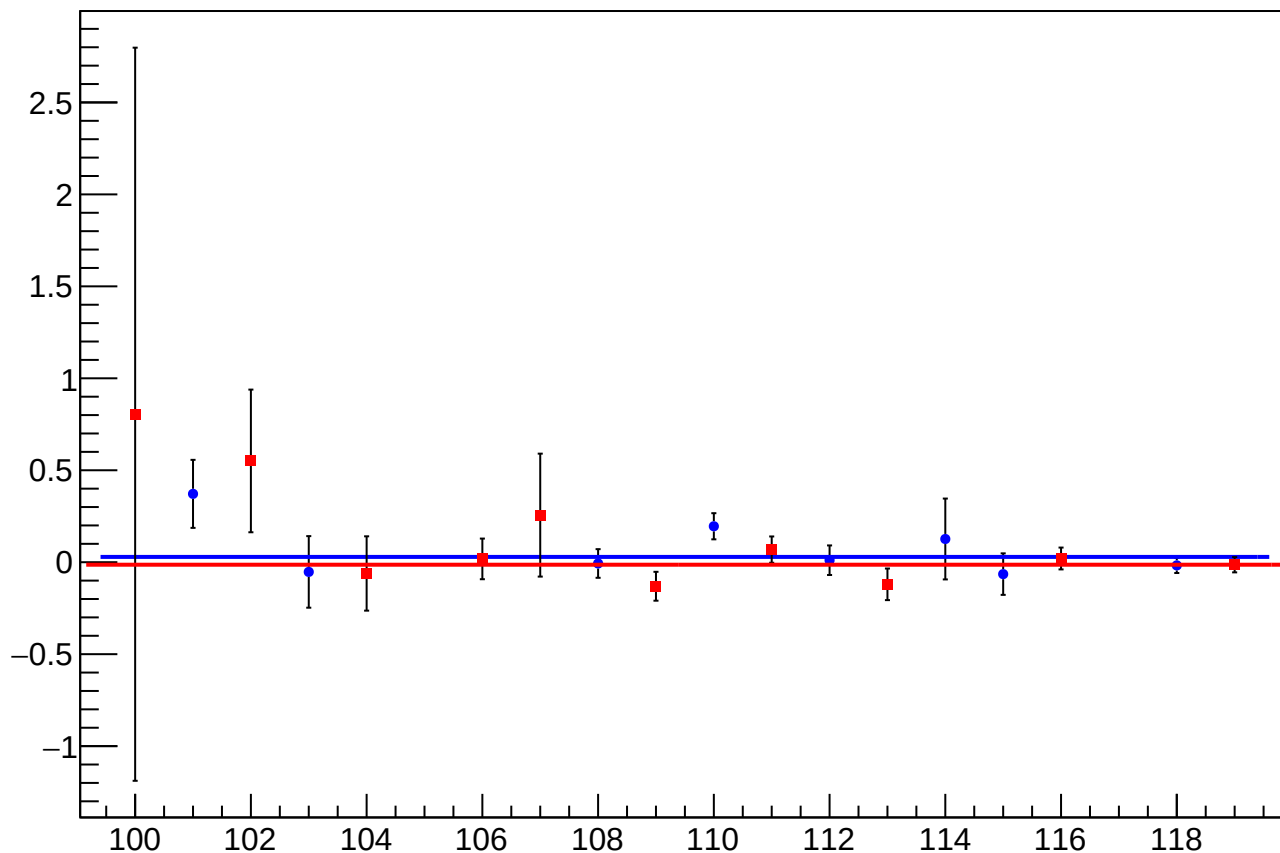
Right: 0.002+/-0.000 χ^2/NDF : 2837104.9/17

In: 0.002+/-0.000 χ^2/NDF :1106807.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2837104.9/17

asym_at1_dd_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

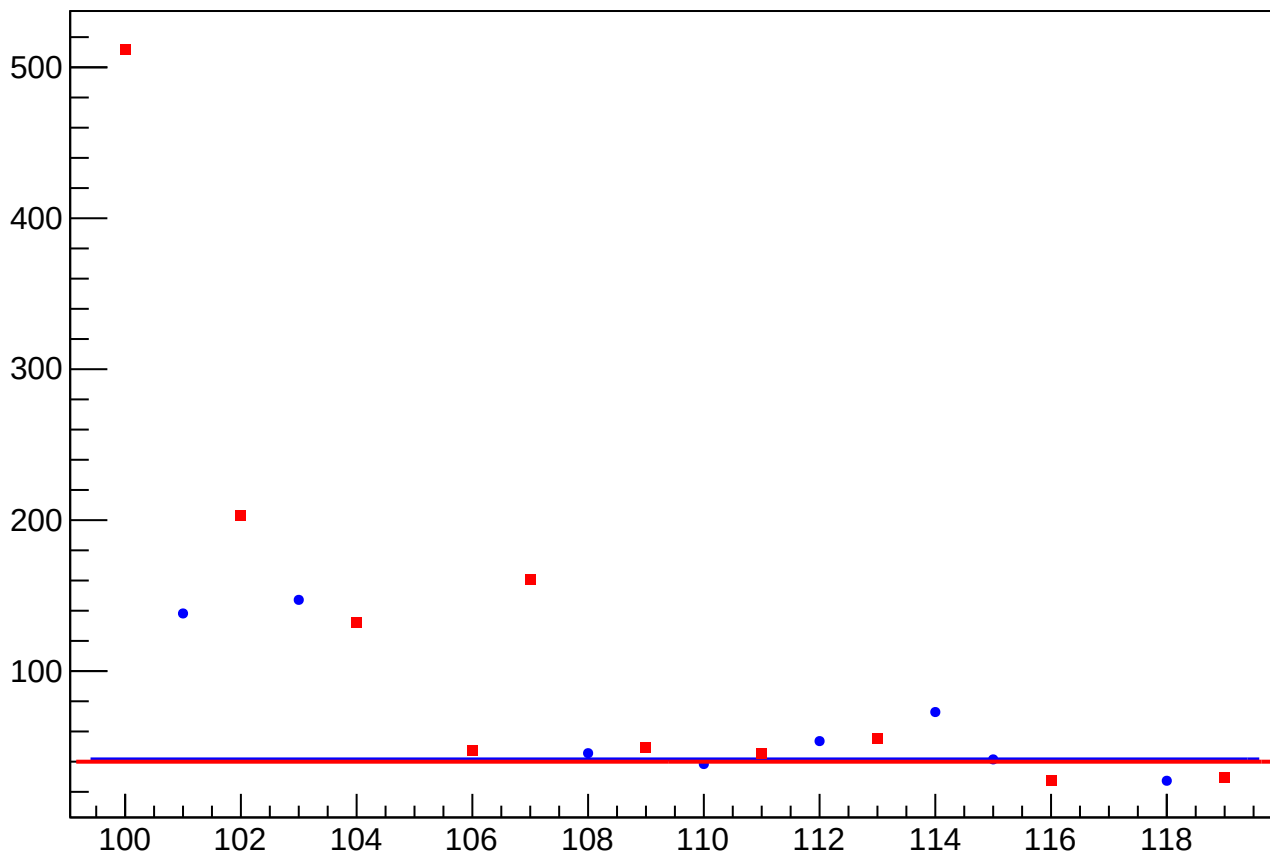
Right: 0.006+/-0.019 χ^2/NDF : 21.2/17

In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.019 χ^2/NDF : 21.2/17

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.476+/-0.020 χ^2/NDF : 1465691.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475204.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

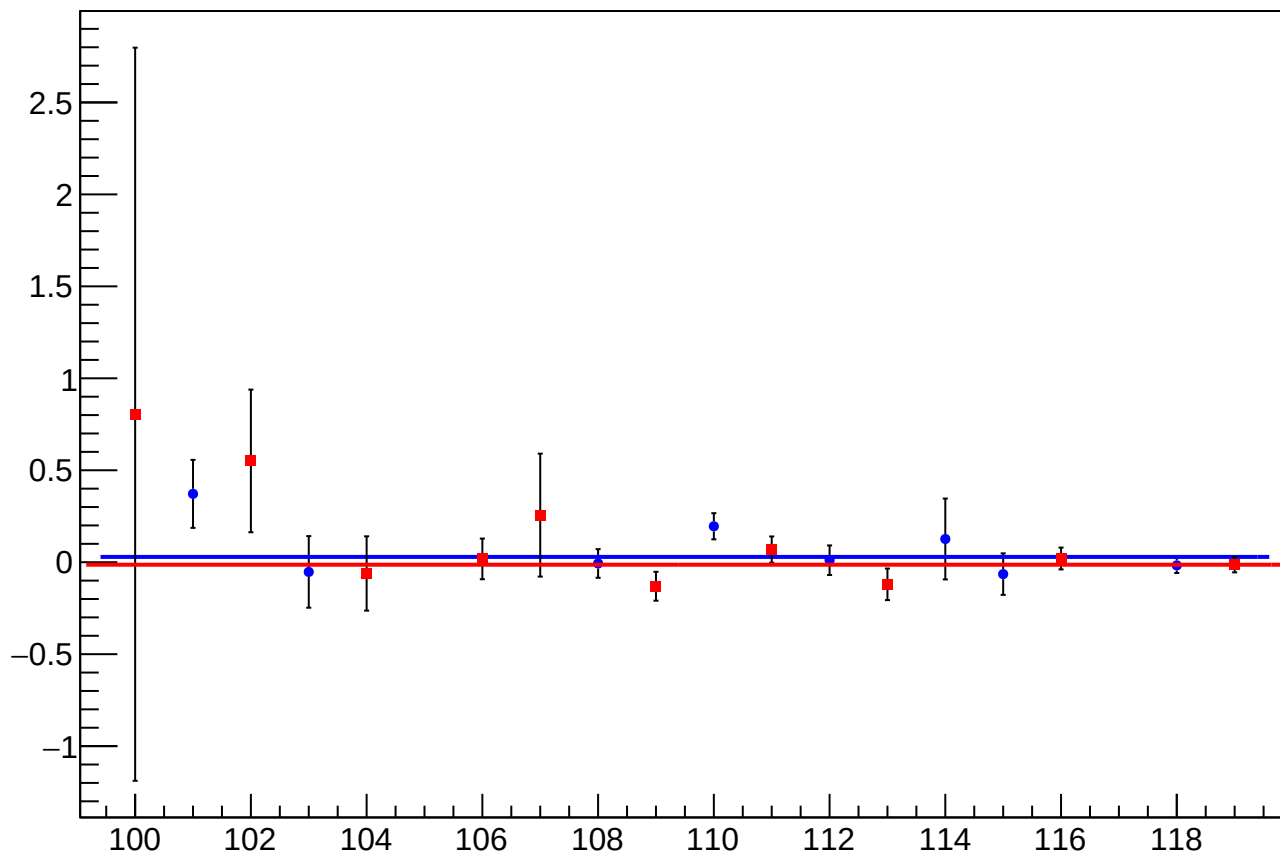
Right: 40.666+/-0.014 χ^2/NDF : 2943942.0/17

In: 41.476+/-0.020 χ^2/NDF :1465691.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.666+/-0.014 χ^2/NDF : 2943942.0/17

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.026 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

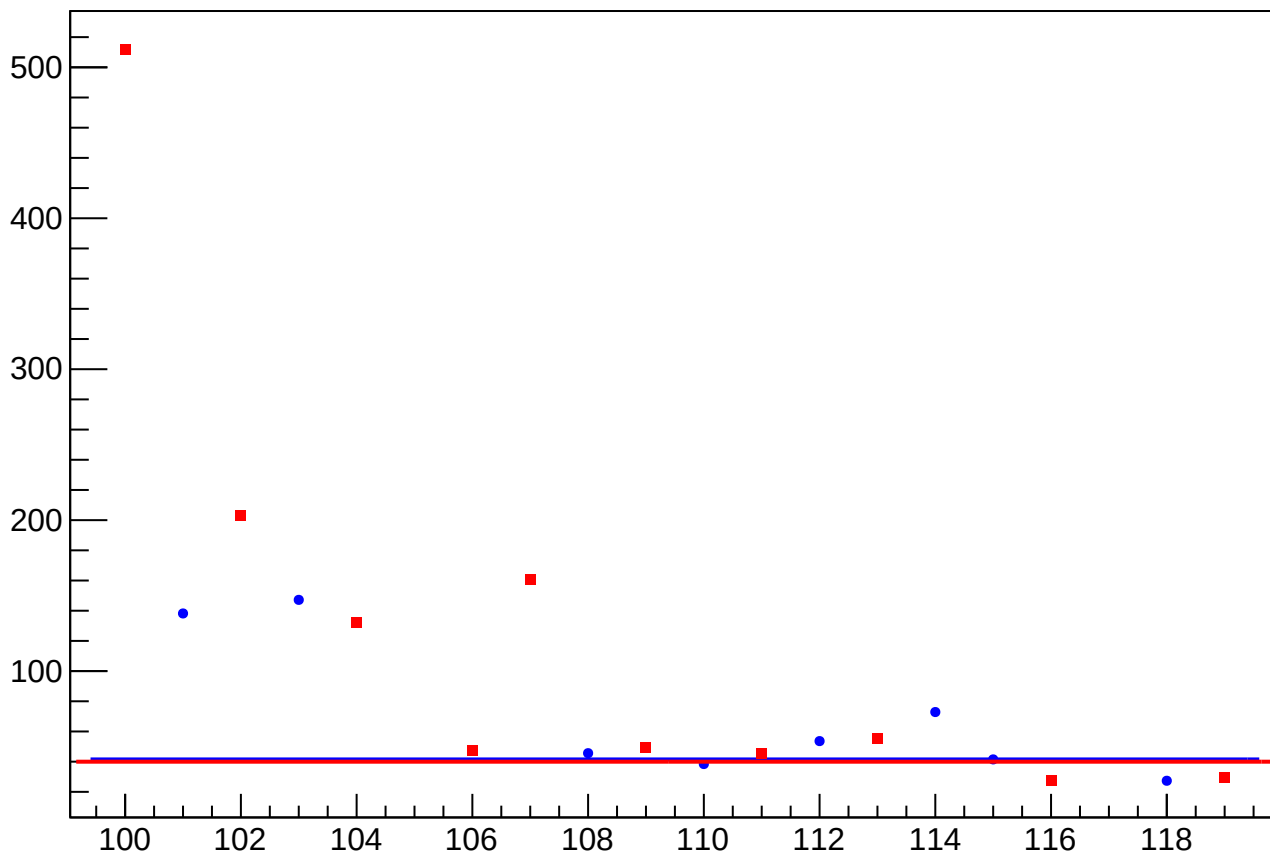
Right: 0.006+/-0.019 χ^2/NDF : 21.2/17

In: 0.029+/-0.028 χ^2/NDF : 11.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.019 χ^2/NDF : 21.2/17

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.476+/-0.020 χ^2/NDF : 1465691.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.979+/-0.018 χ^2/NDF : 1475204.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

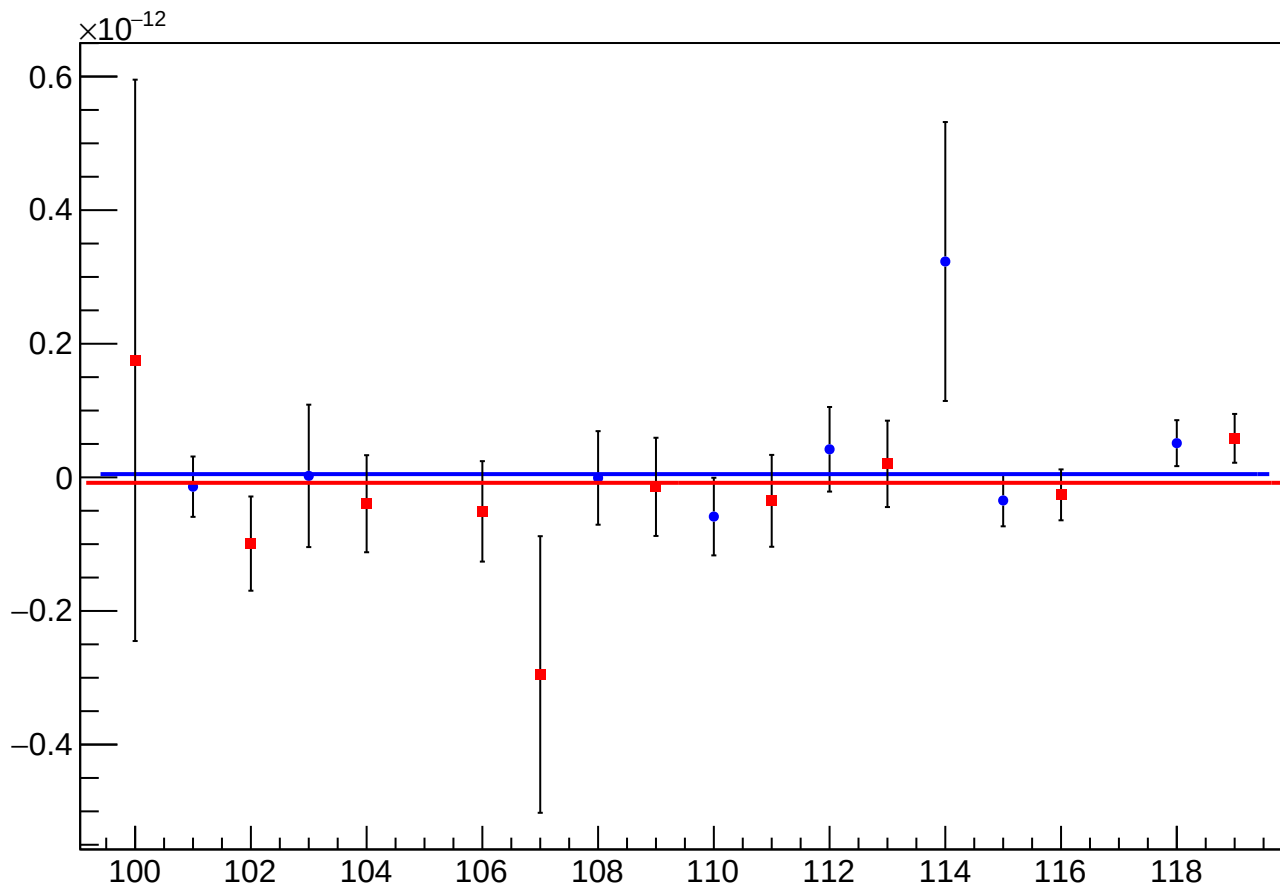
Right: 40.666+/-0.014 χ^2/NDF : 2943942.0/17

In: 41.476+/-0.020 χ^2/NDF :1465691.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.666+/-0.014 χ^2/NDF : 2943942.0/17

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

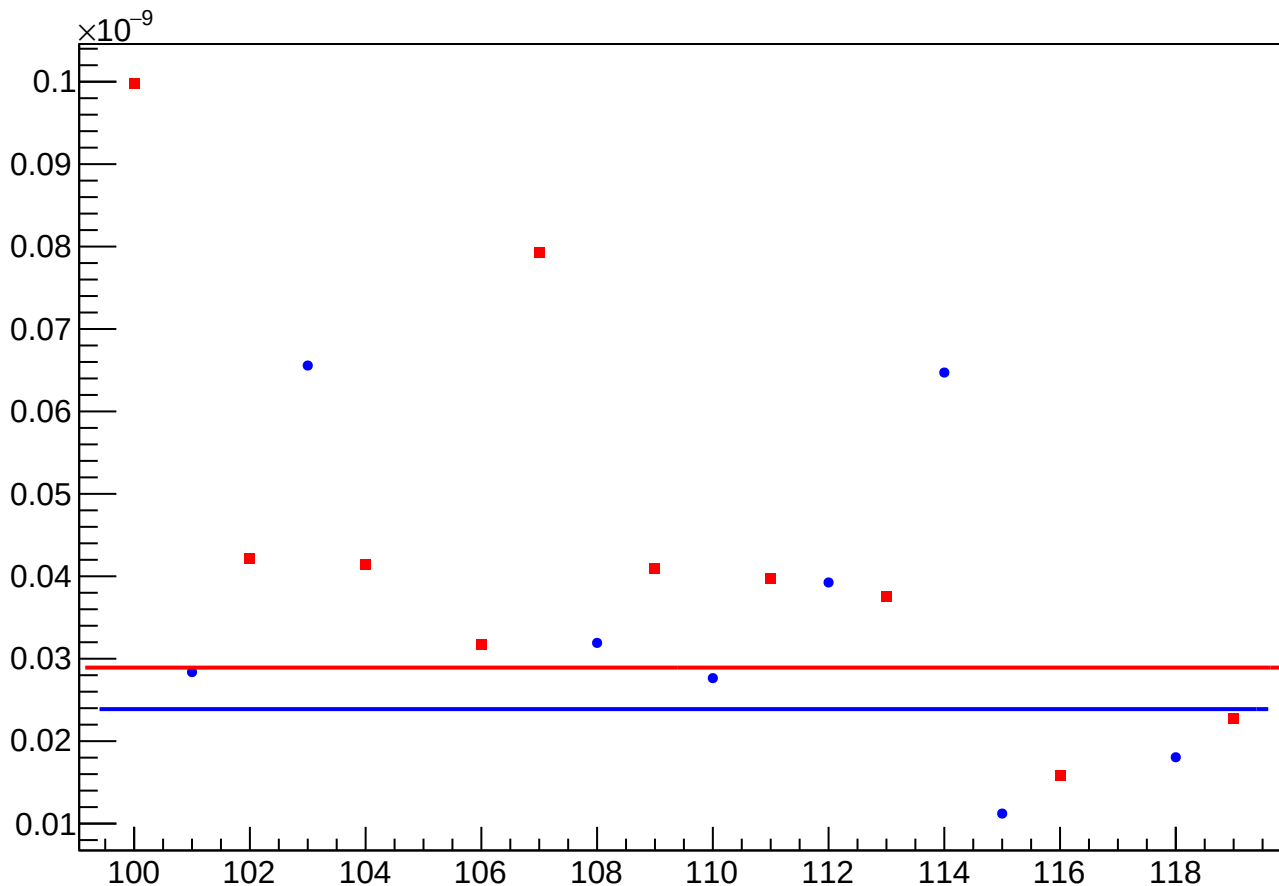
Right: -0.000+/-0.000 χ^2/NDF : 15.3/17

In: 0.000+/-0.000 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/17

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 826501.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 742516.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

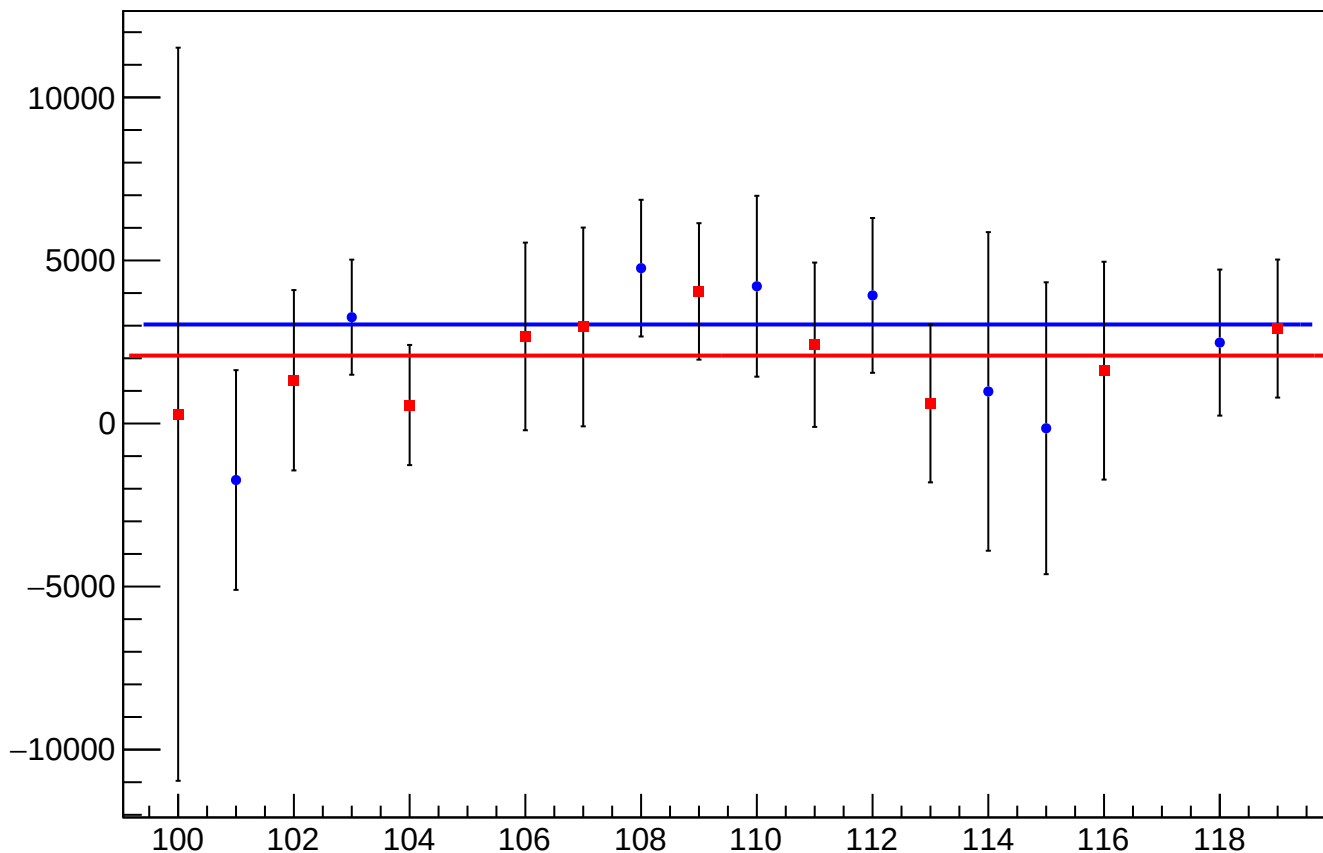
Right: 0.000+/-0.000 χ^2/NDF : 1639087.5/17

In: 0.000+/-0.000 χ^2/NDF : 826501.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1639087.5/17

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3036.628+/-899.614 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.763+/-808.111 χ^2/NDF : 2.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

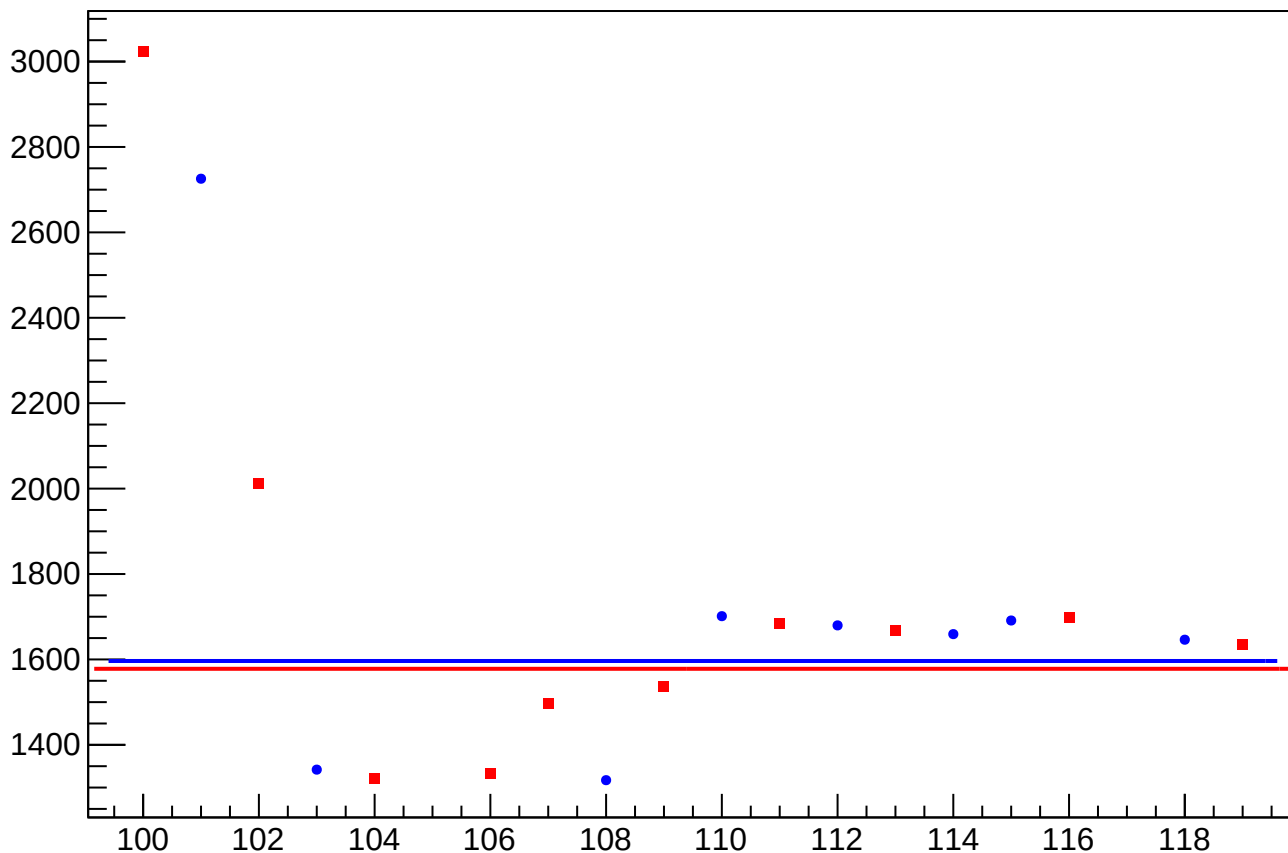
Right: 2508.732+/-601.176 χ^2/NDF : 6.7/17

In: 3036.628+/-899.614 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.732+/-601.176 χ^2/NDF : 6.7/17

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1596.365+/-0.636 χ^2/NDF : 309288.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

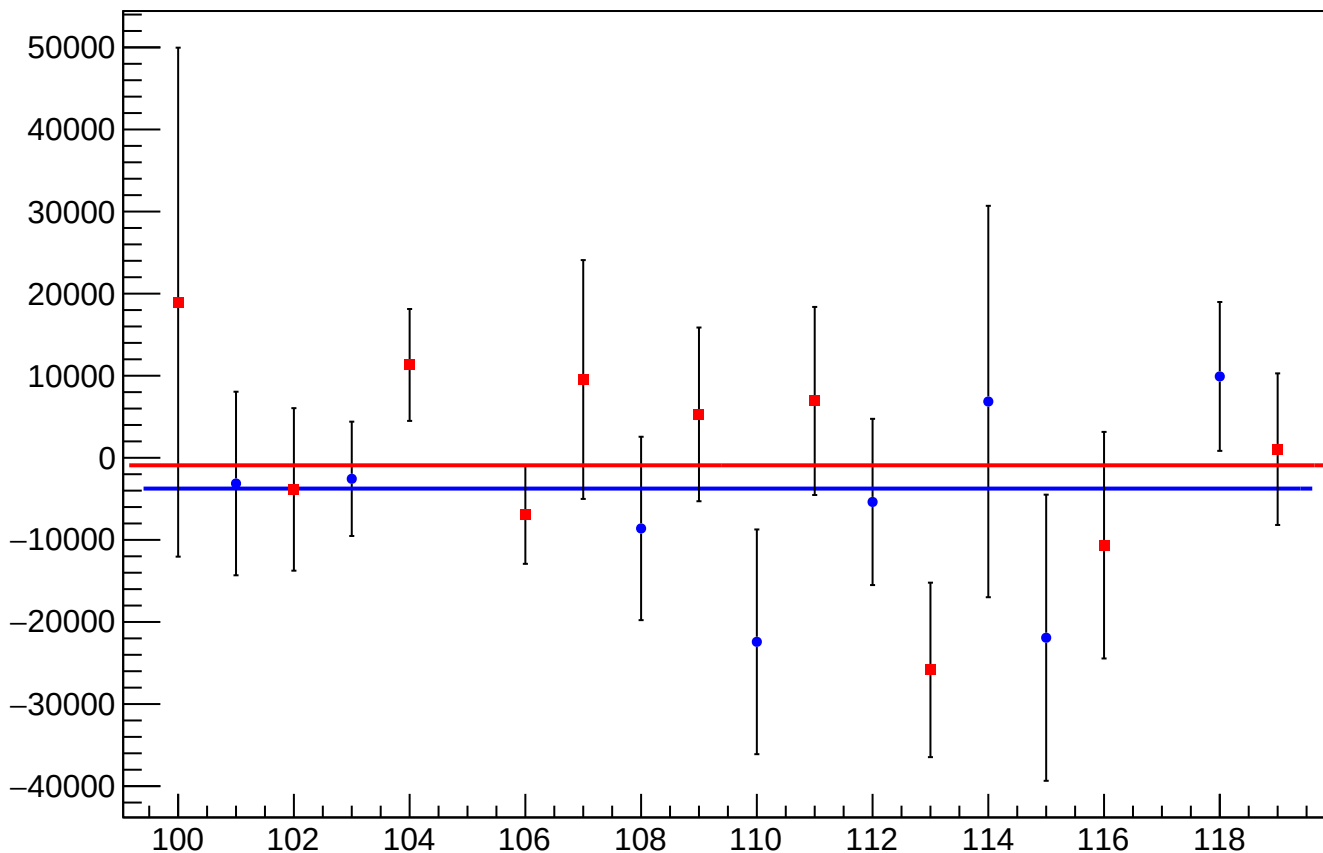
Right: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

In: 1596.365+/-0.636 χ^2/NDF : 309288.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -3749.173+/-3808.729 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -914.064+/-3043.200 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

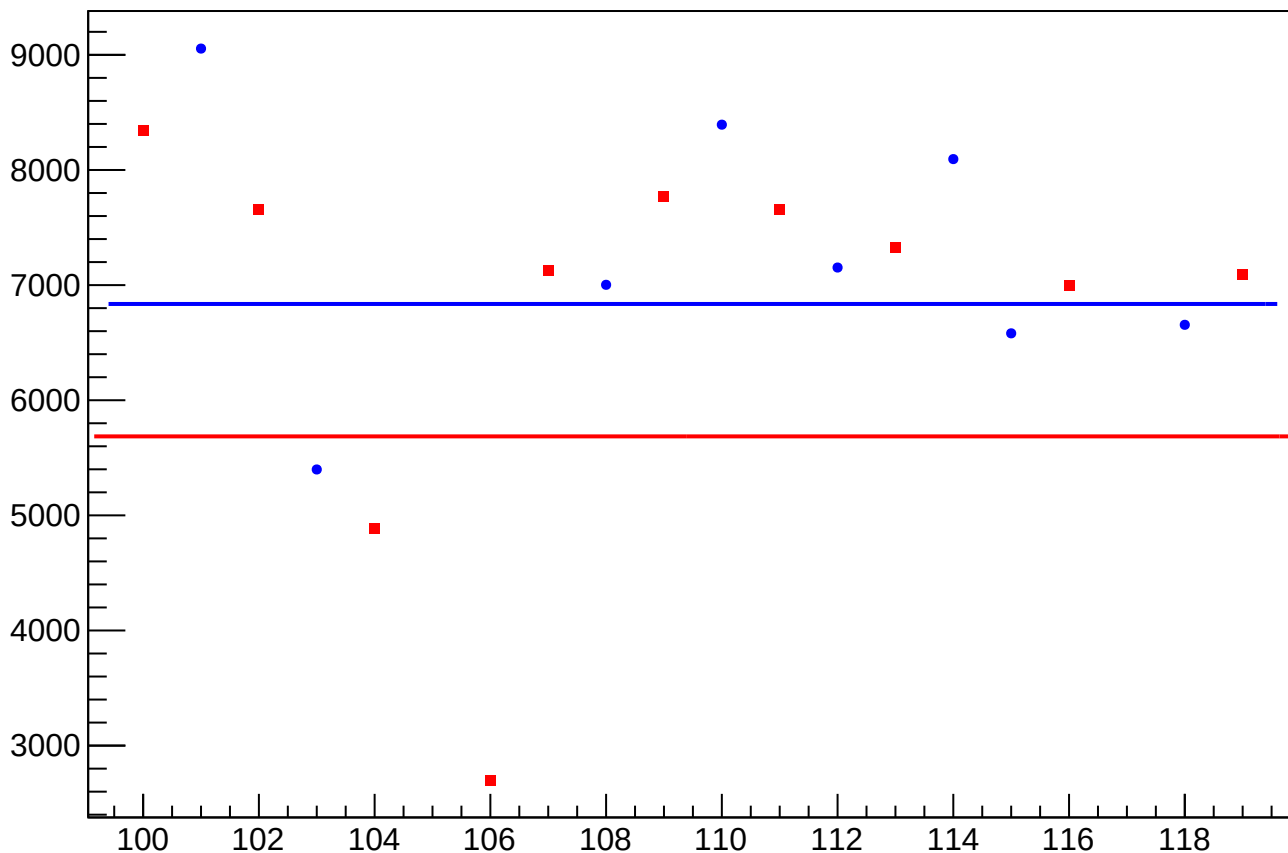
Right: -2018.772+/-2377.491 χ^2/NDF : 18.1/17

In: -3749.173+/-3808.729 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2018.772+/-2377.491 χ^2/NDF : 18.1/17

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 6836.216+/-2.693 χ^2/NDF : 199037.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5686.000+/-2.152 χ^2/NDF : 891452.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

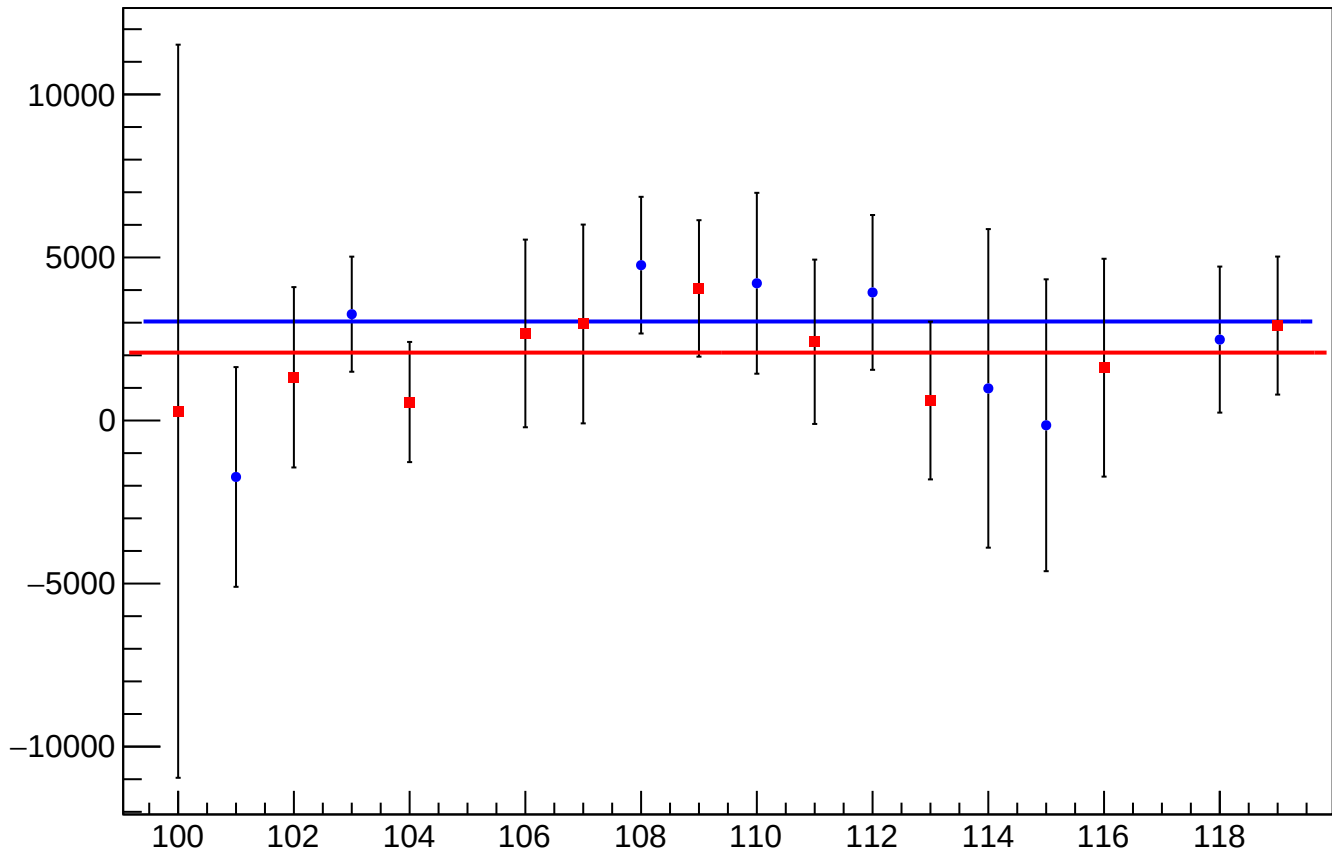
Right: 6134.185+/-1.681 χ^2/NDF : 1201817.5/17

In: 6836.216+/-2.693 χ^2/NDF : 199037.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6134.185+/-1.681 χ^2/NDF : 1201817.5/17

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3036.842+/-899.614 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.515+/-808.111 χ^2/NDF : 2.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

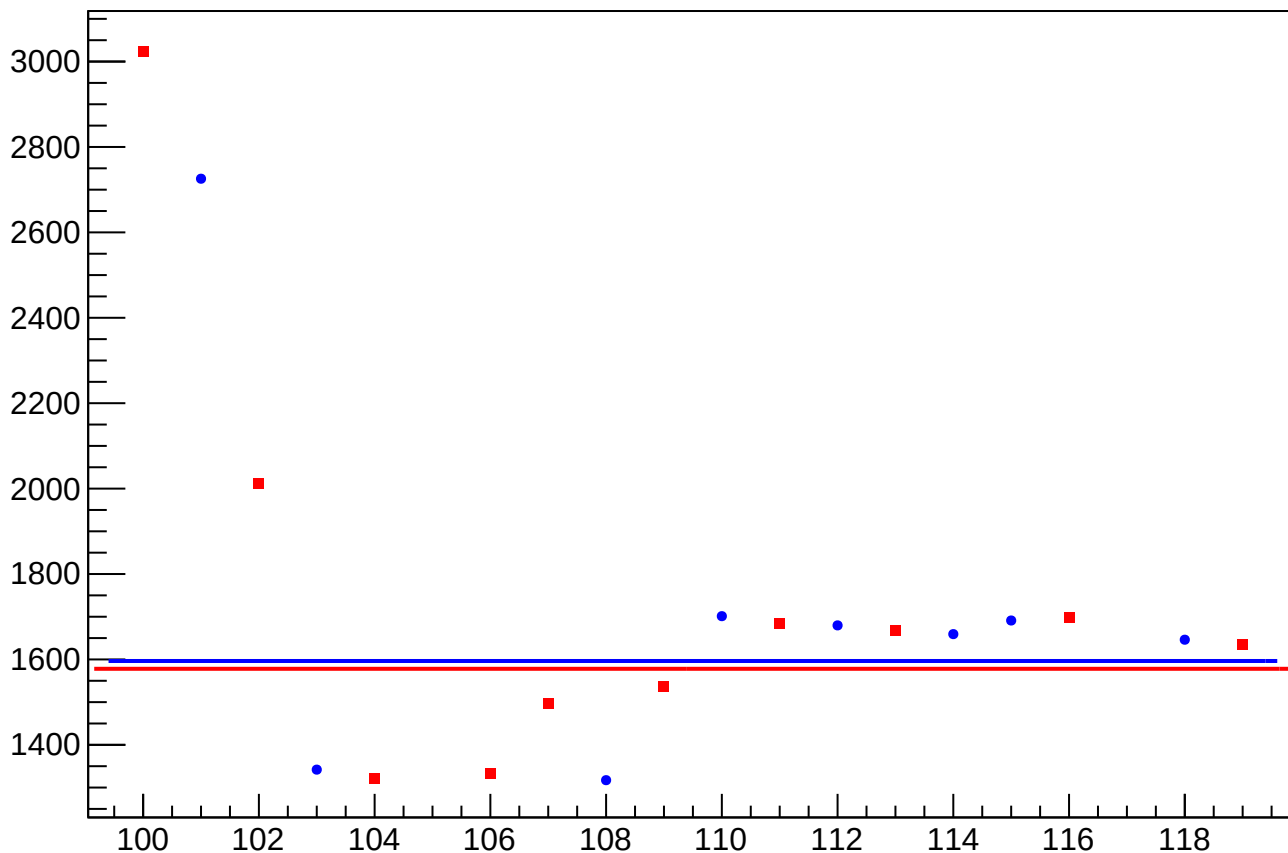
Right: 2508.691+/-601.176 χ^2/NDF : 6.7/17

In: 3036.842+/-899.614 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2508.691+/-601.176 χ^2/NDF : 6.7/17

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1596.365+/-0.636 χ^2/NDF : 309289.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

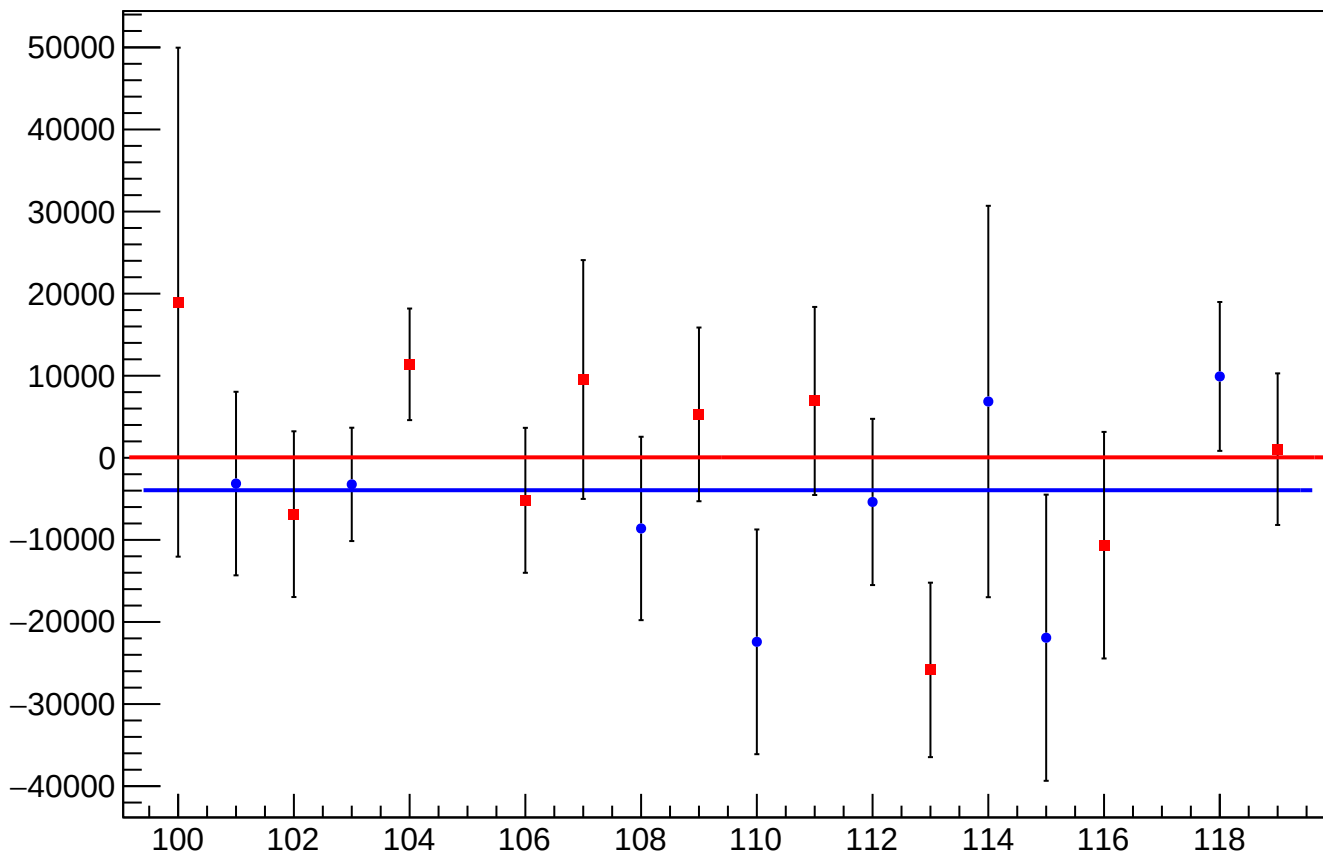
Right: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

In: 1596.365+/-0.636 χ^2/NDF : 309289.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -3948.792+/-3798.946 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.819+/-3289.212 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

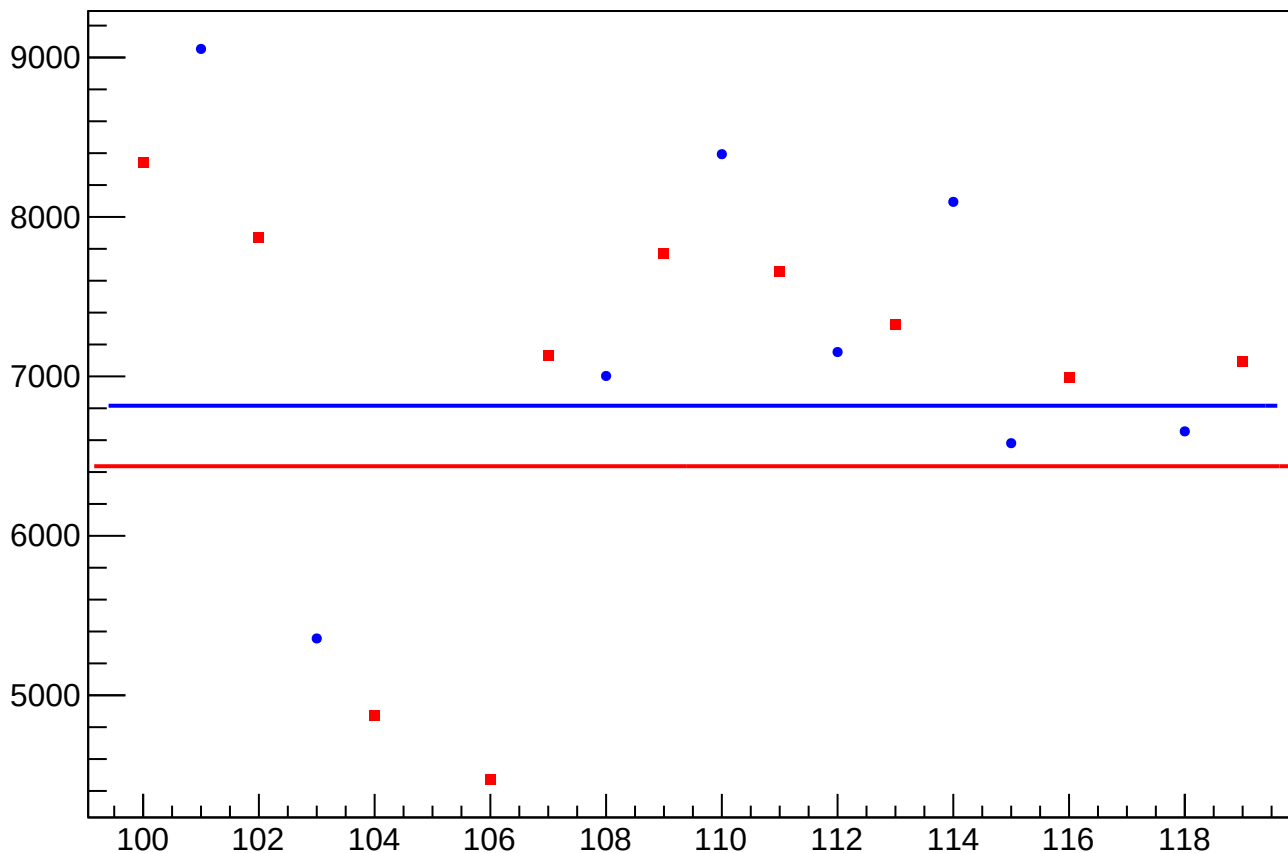
Right: -1659.411+/-2486.661 χ^2/NDF : 17.8/17

In: -3948.792+/-3798.946 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1659.411+/-2486.661 χ^2/NDF : 17.8/17

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 6815.997+/-2.686 χ^2/NDF : 205578.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6436.607+/-2.326 χ^2/NDF : 339595.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

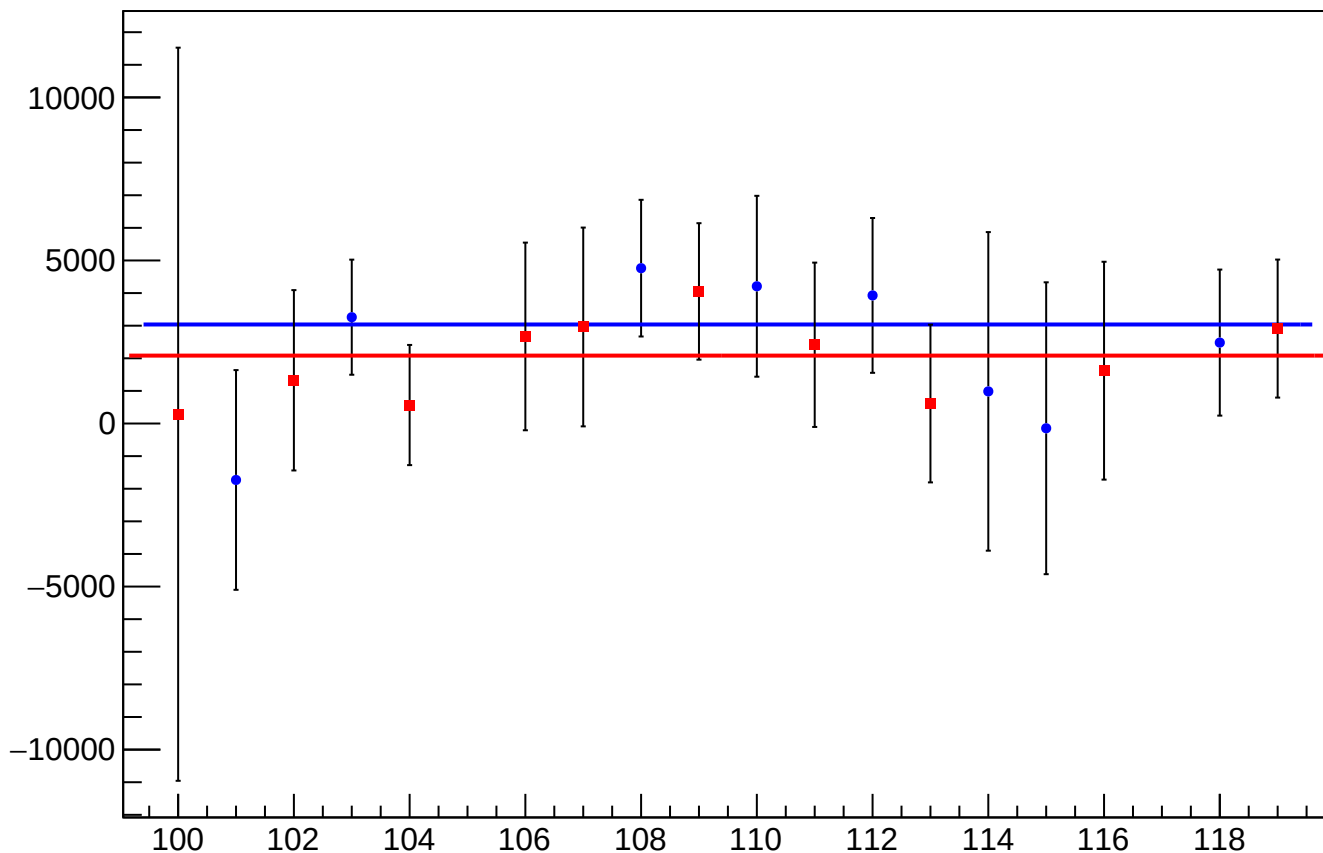
Right: 6599.159+/-1.758 χ^2/NDF : 556575.0/17

In: 6815.997+/-2.686 χ^2/NDF : 205578.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6599.159+/-1.758 χ^2/NDF : 556575.0/17

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3036.842+/-899.614 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2082.515+/-808.111 χ^2/NDF : 2.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

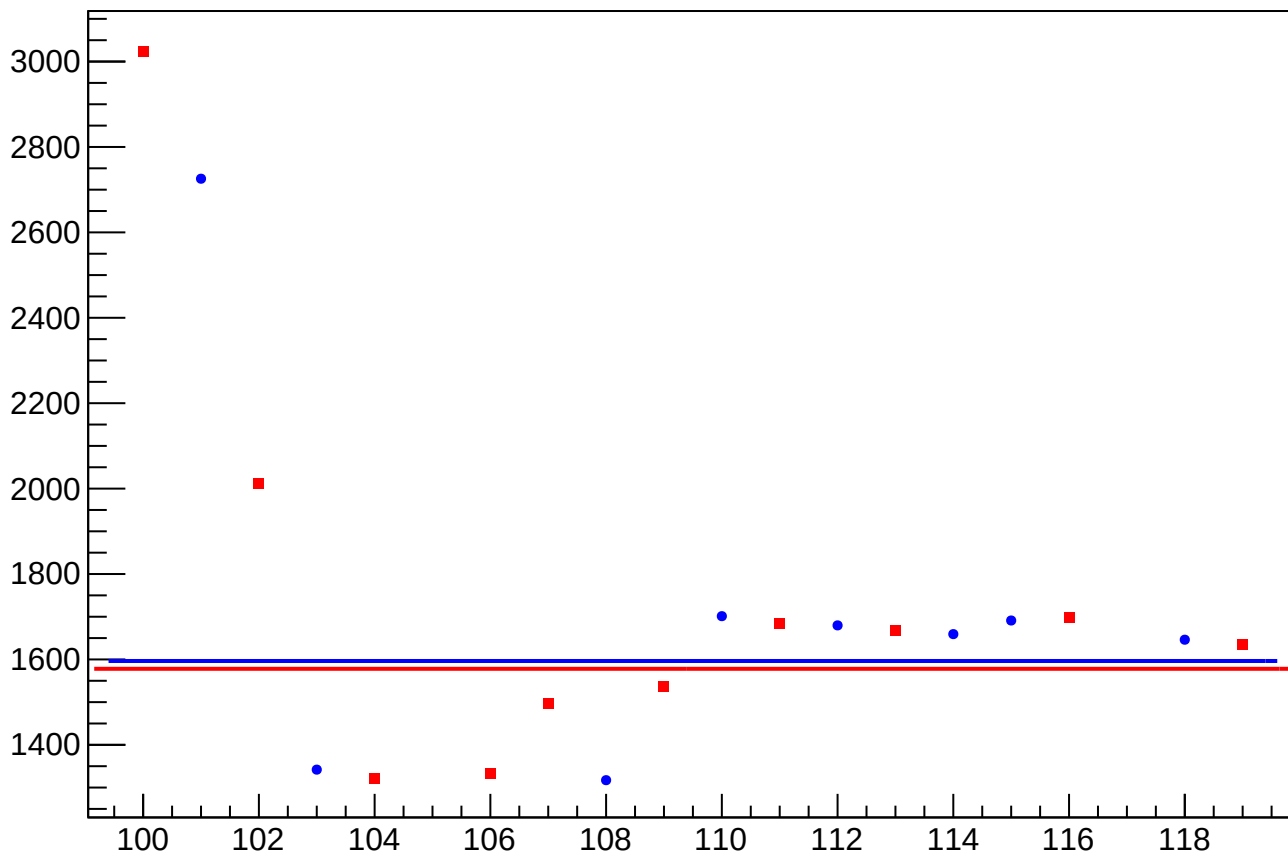
Right: 2508.691+/-601.176 χ^2/NDF : 6.7/17

In: 3036.842+/-899.614 χ^2/NDF :3.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2508.691+/-601.176 χ^2/NDF : 6.7/17

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1596.365+/-0.636 χ^2/NDF : 309289.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.073+/-0.571 χ^2/NDF : 148677.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

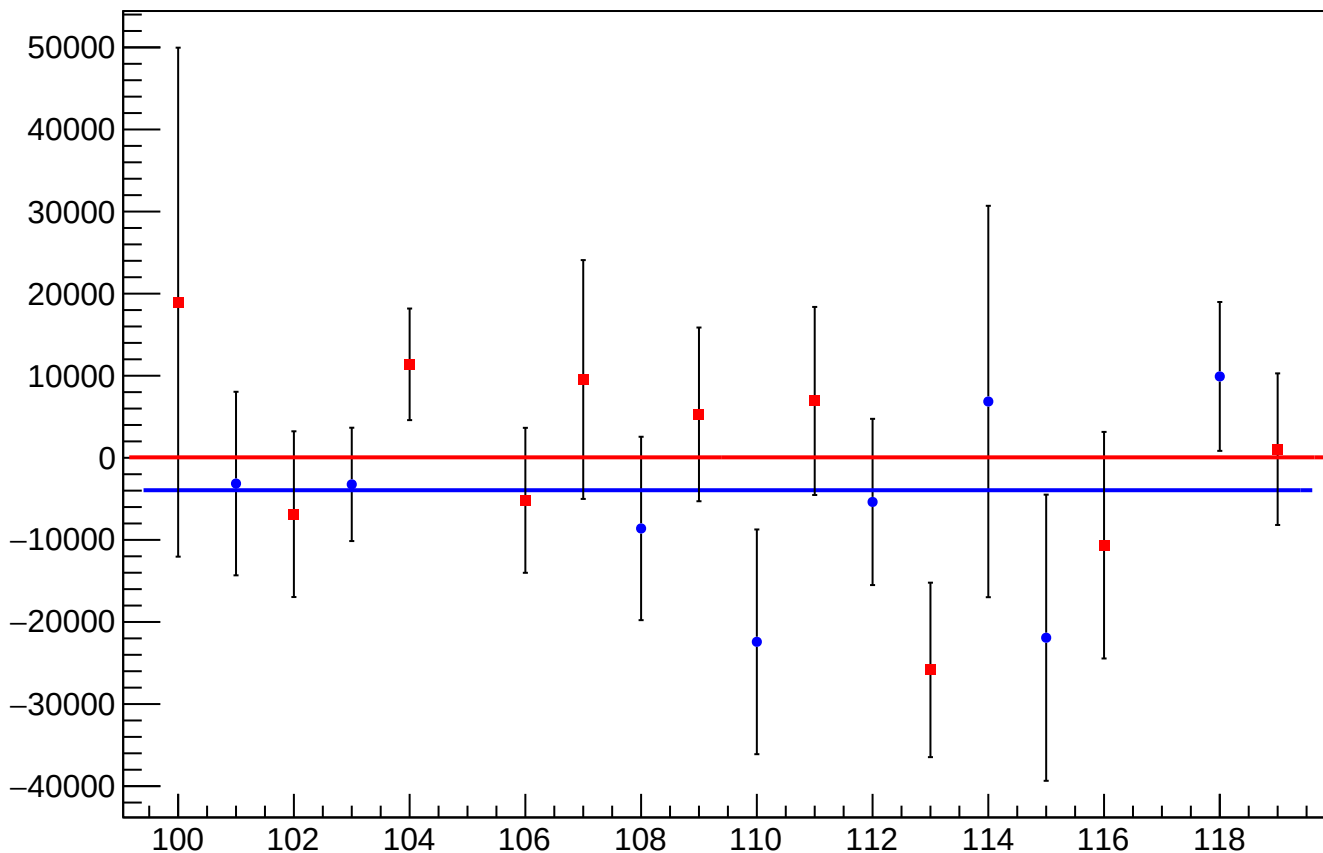
Right: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

In: 1596.365+/-0.636 χ^2/NDF : 309289.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.242+/-0.425 χ^2/NDF : 458424.0/17

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3948.792+/-3798.946 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.819+/-3289.212 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

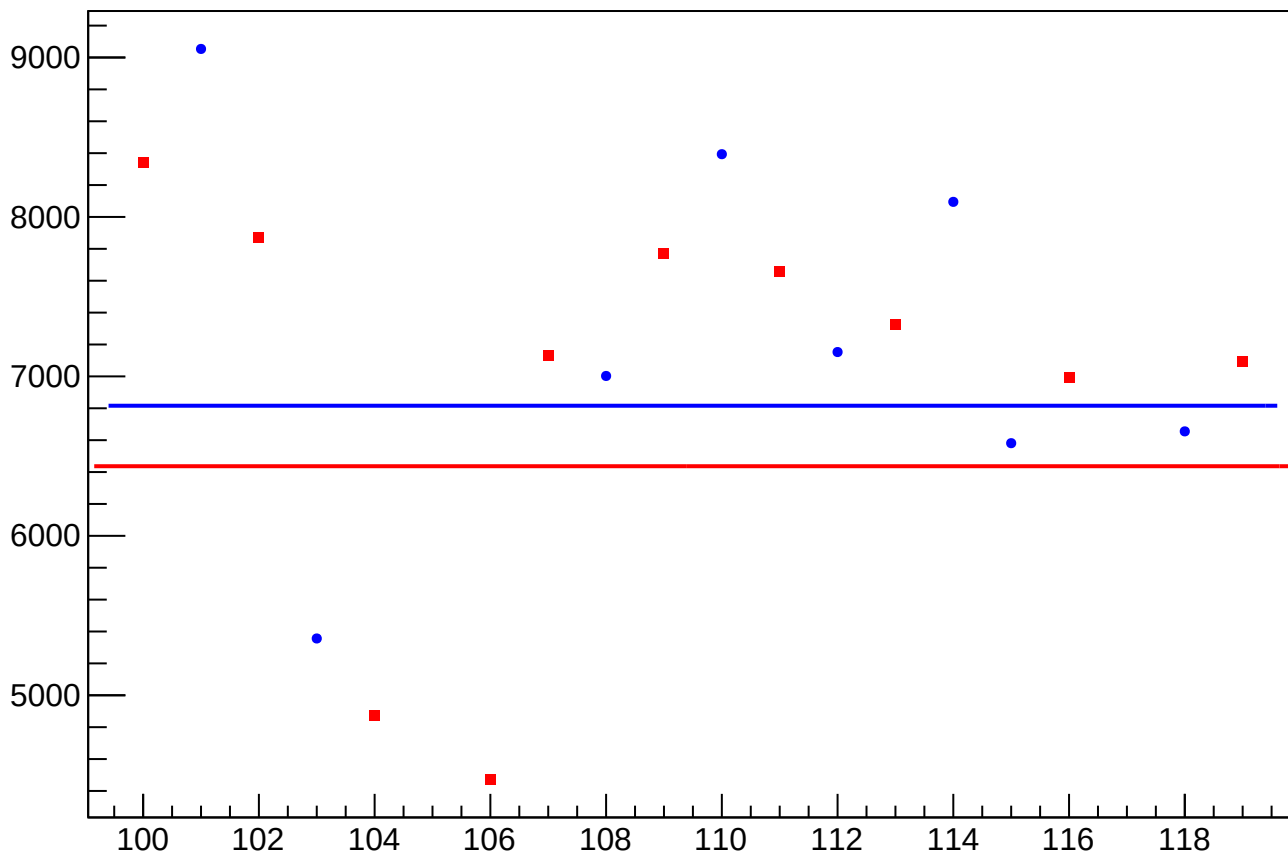
Right: -1659.411+/-2486.661 χ^2/NDF : 17.8/17

In: -3948.792+/-3798.946 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1659.411+/-2486.661 χ^2/NDF : 17.8/17

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 6815.997+/-2.686 χ^2/NDF : 205578.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6436.607+/-2.326 χ^2/NDF : 339595.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

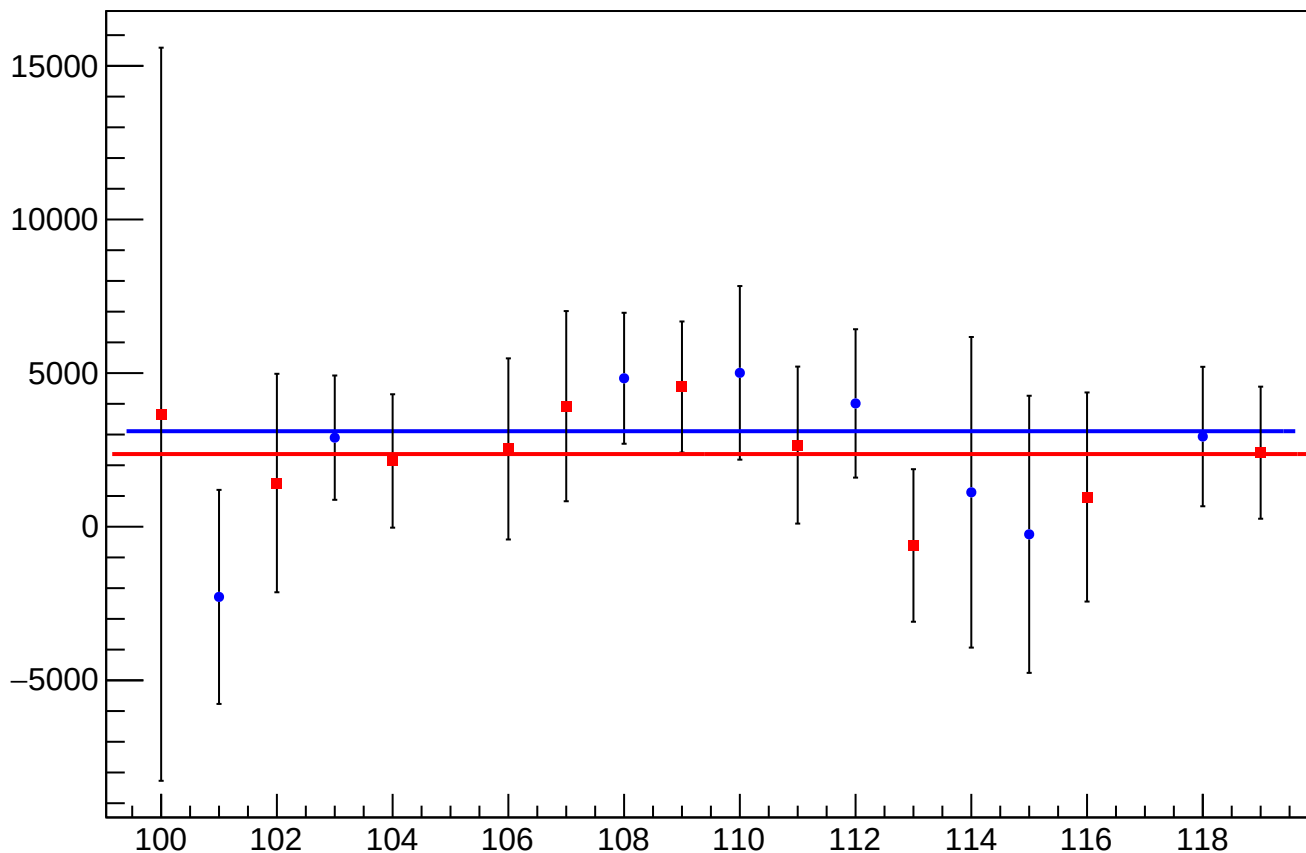
Right: 6599.159+/-1.758 χ^2/NDF : 556575.0/17

In: 6815.997+/-2.686 χ^2/NDF : 205578.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6599.159+/-1.758 χ^2/NDF : 556575.0/17

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3108.769+/-942.364 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2364.851+/-858.792 χ^2/NDF : 3.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

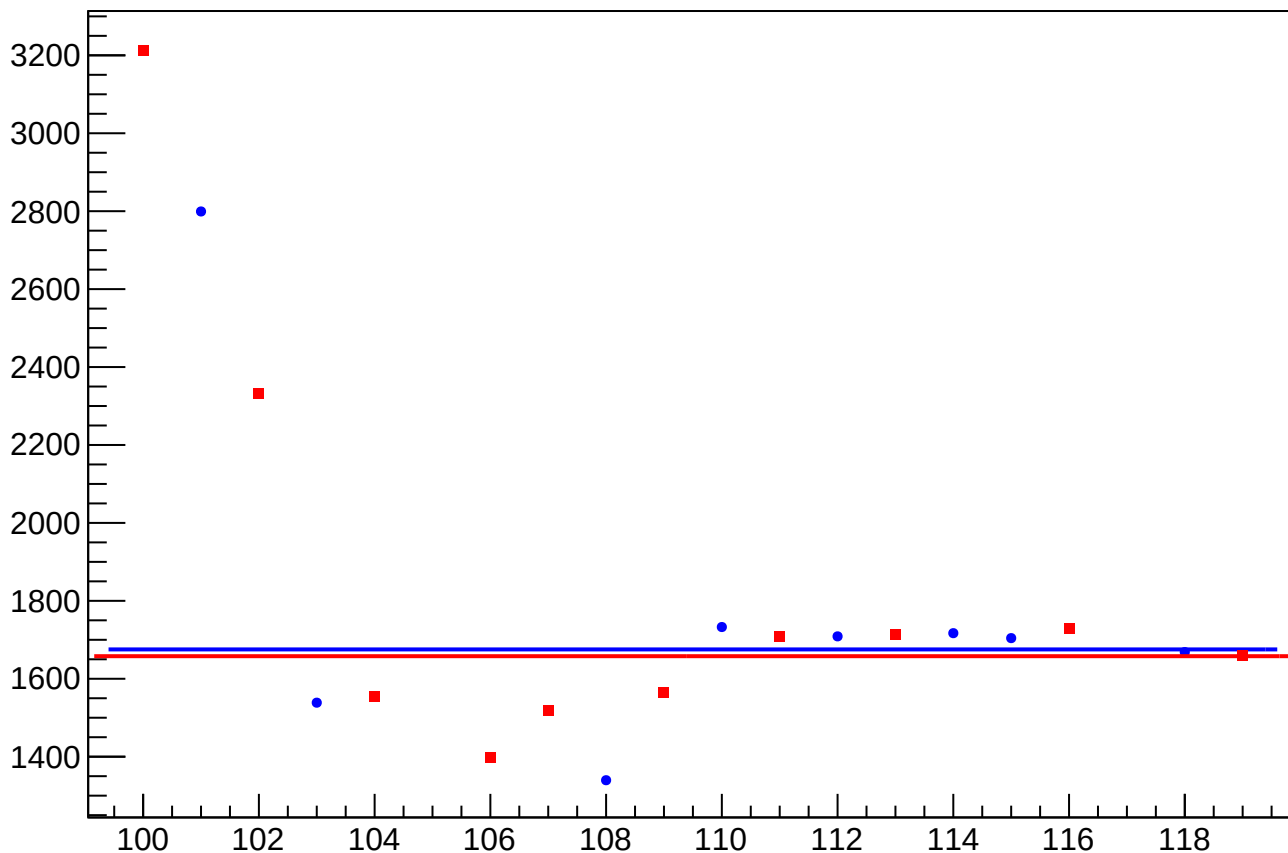
Right: 2702.367+/-634.751 χ^2/NDF : 7.7/17

In: 3108.769+/-942.364 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2702.367+/-634.751 χ^2/NDF : 7.7/17

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1675.322+/-0.666 χ^2/NDF : 268393.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.940+/-0.607 χ^2/NDF : 136434.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

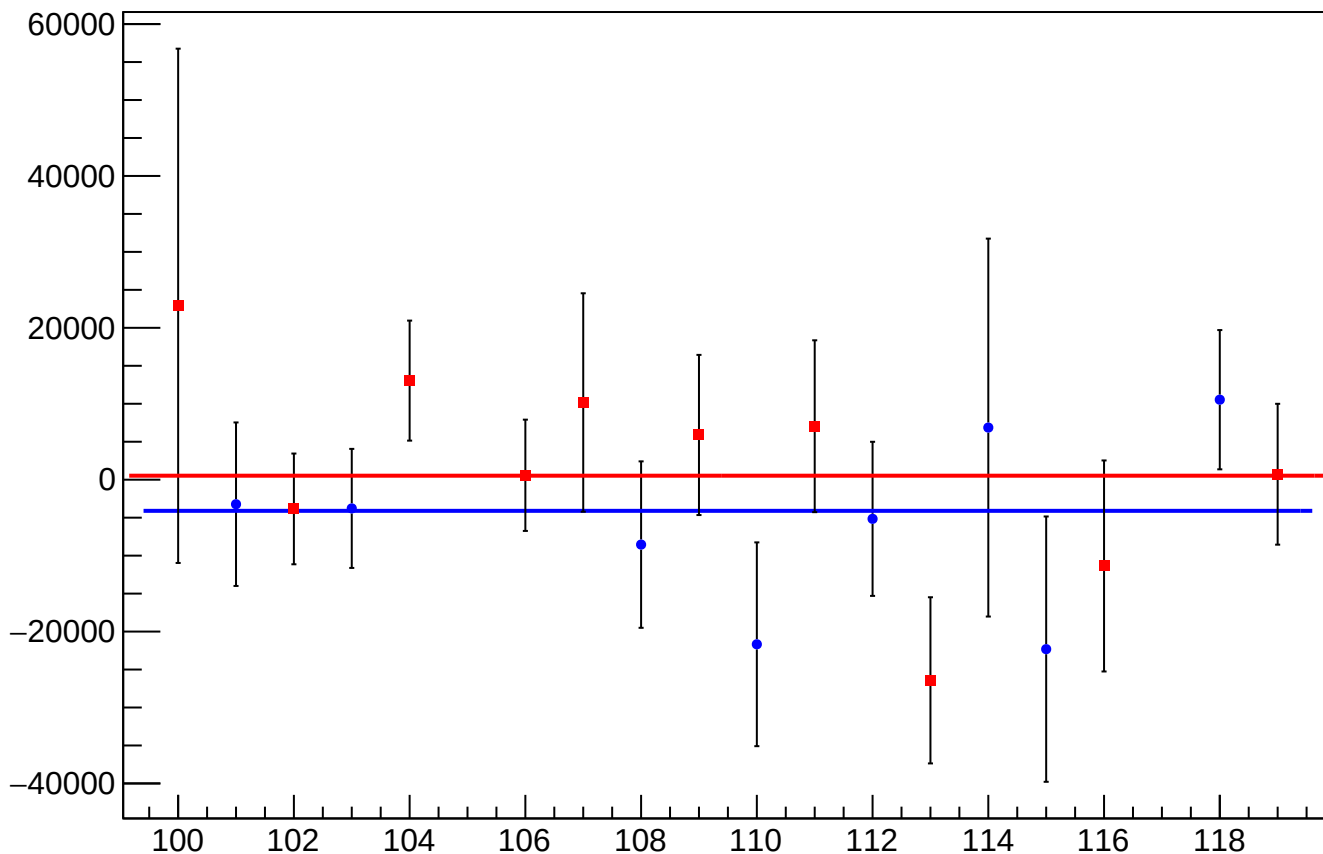
Right: 1665.820+/-0.449 χ^2/NDF : 405199.9/17

In: 1675.322+/-0.666 χ^2/NDF : 268393.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.820+/-0.449 χ^2/NDF : 405199.9/17

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4100.920+/-3913.951 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.024+/-3144.794 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

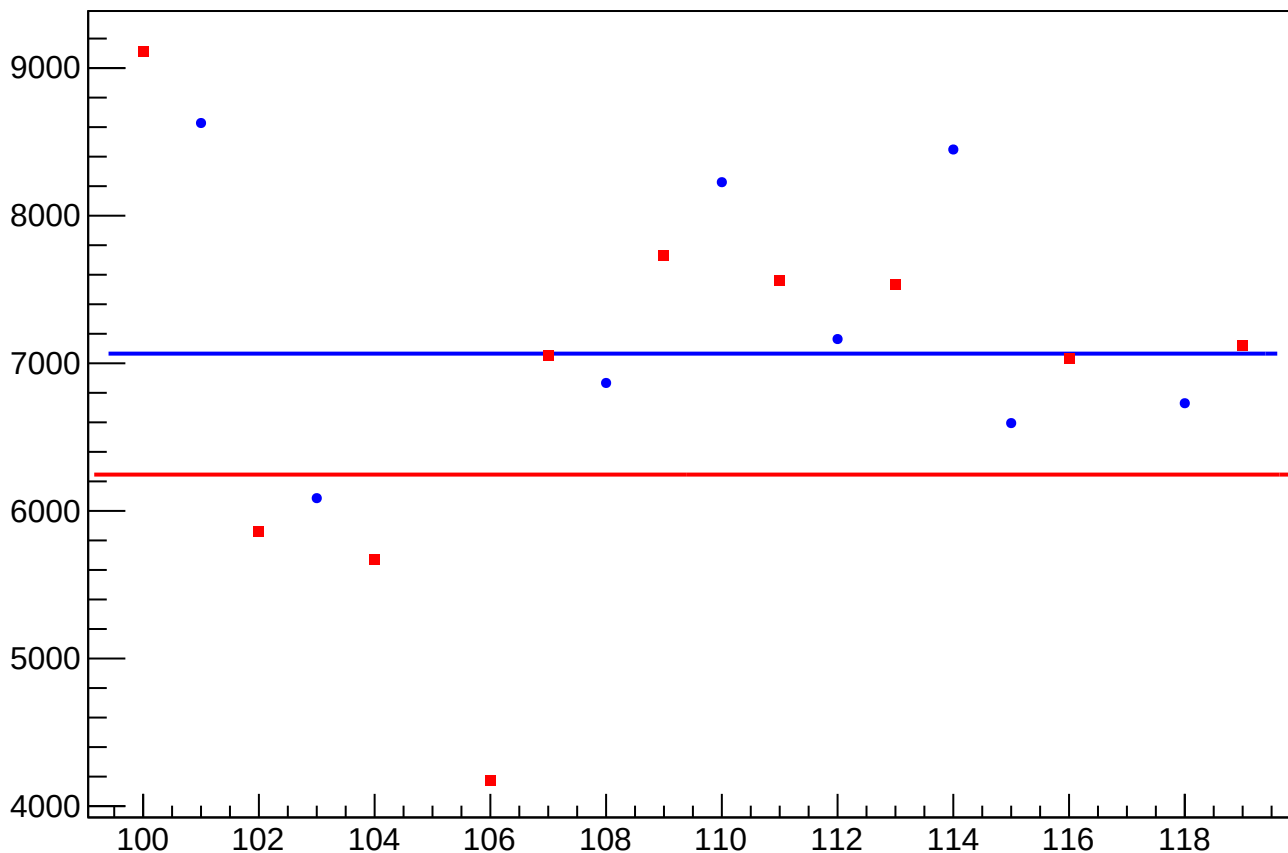
Right: -1288.581+/-2451.501 χ^2/NDF : 17.7/17

In: -4100.920+/-3913.951 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1288.581+/-2451.501 χ^2/NDF : 17.7/17

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7065.533+/-2.768 χ^2/NDF : 99462.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6246.083+/-2.224 χ^2/NDF : 315122.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

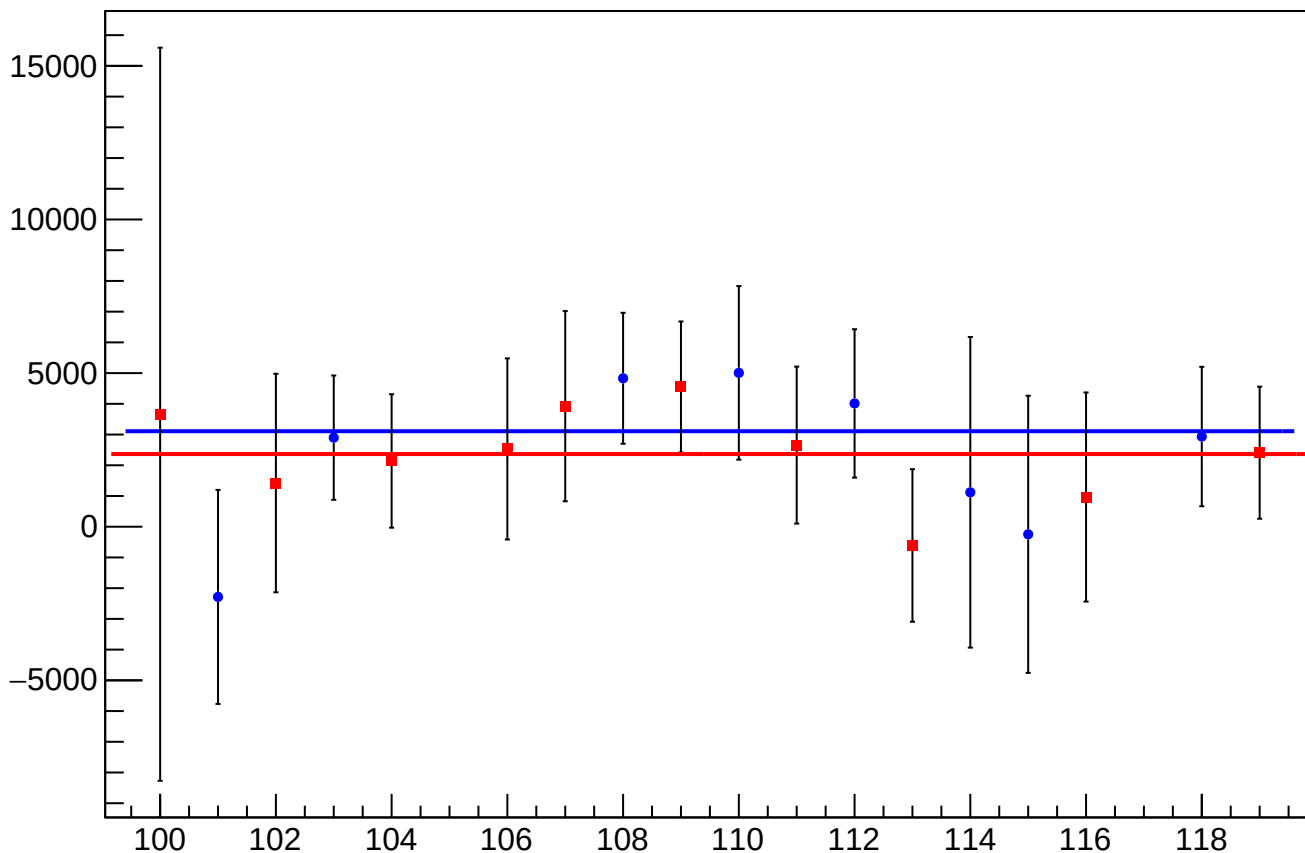
Right: 6567.564+/-1.733 χ^2/NDF : 467860.1/17

In: 7065.533+/-2.768 χ^2/NDF : 99462.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6567.564+/-1.733 χ^2/NDF : 467860.1/17

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3108.775+/-942.364 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2364.861+/-858.791 χ^2/NDF : 3.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

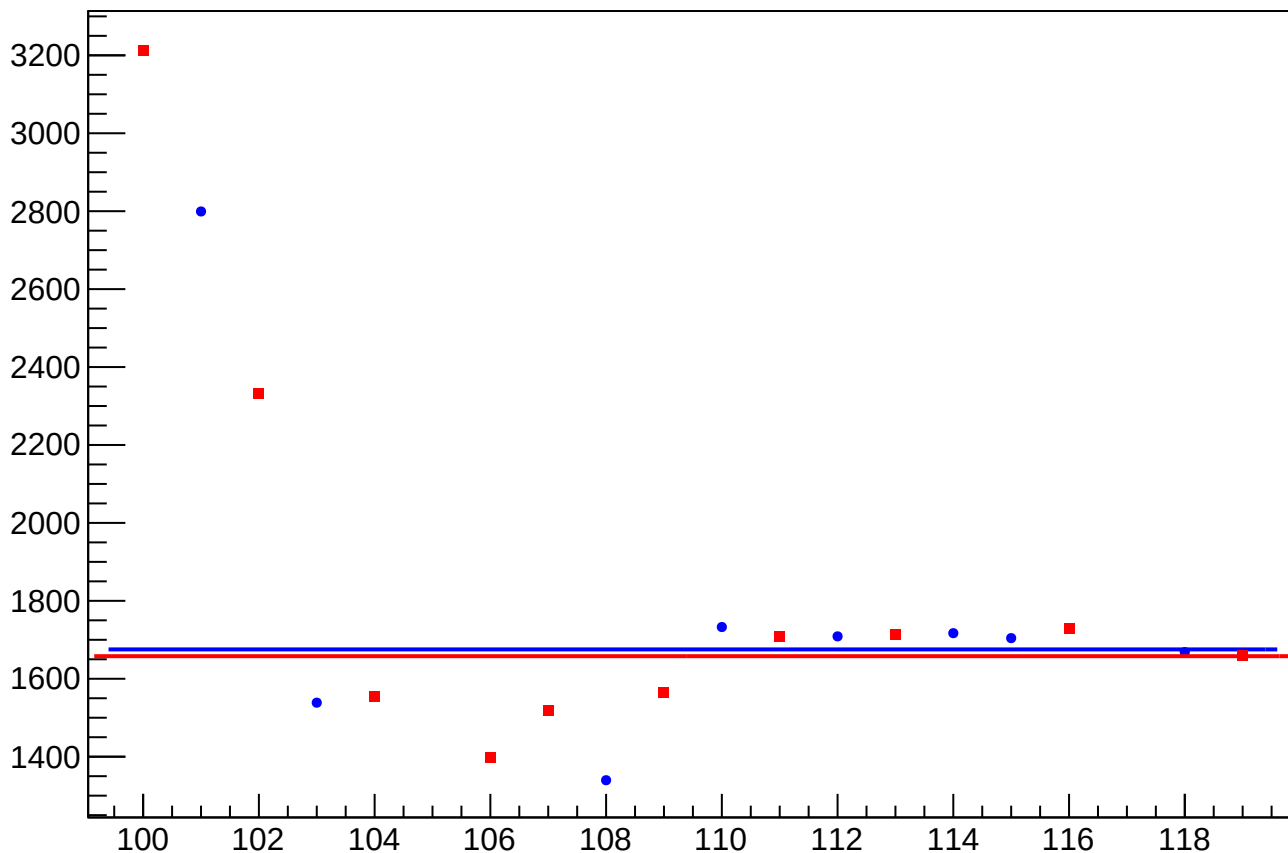
Right: 2702.375+/-634.751 χ^2/NDF : 7.7/17

In: 3108.775+/-942.364 χ^2/NDF :4.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2702.375+/-634.751 χ^2/NDF : 7.7/17

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1675.322+/-0.666 χ^2/NDF : 268392.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1657.939+/-0.607 χ^2/NDF : 136434.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

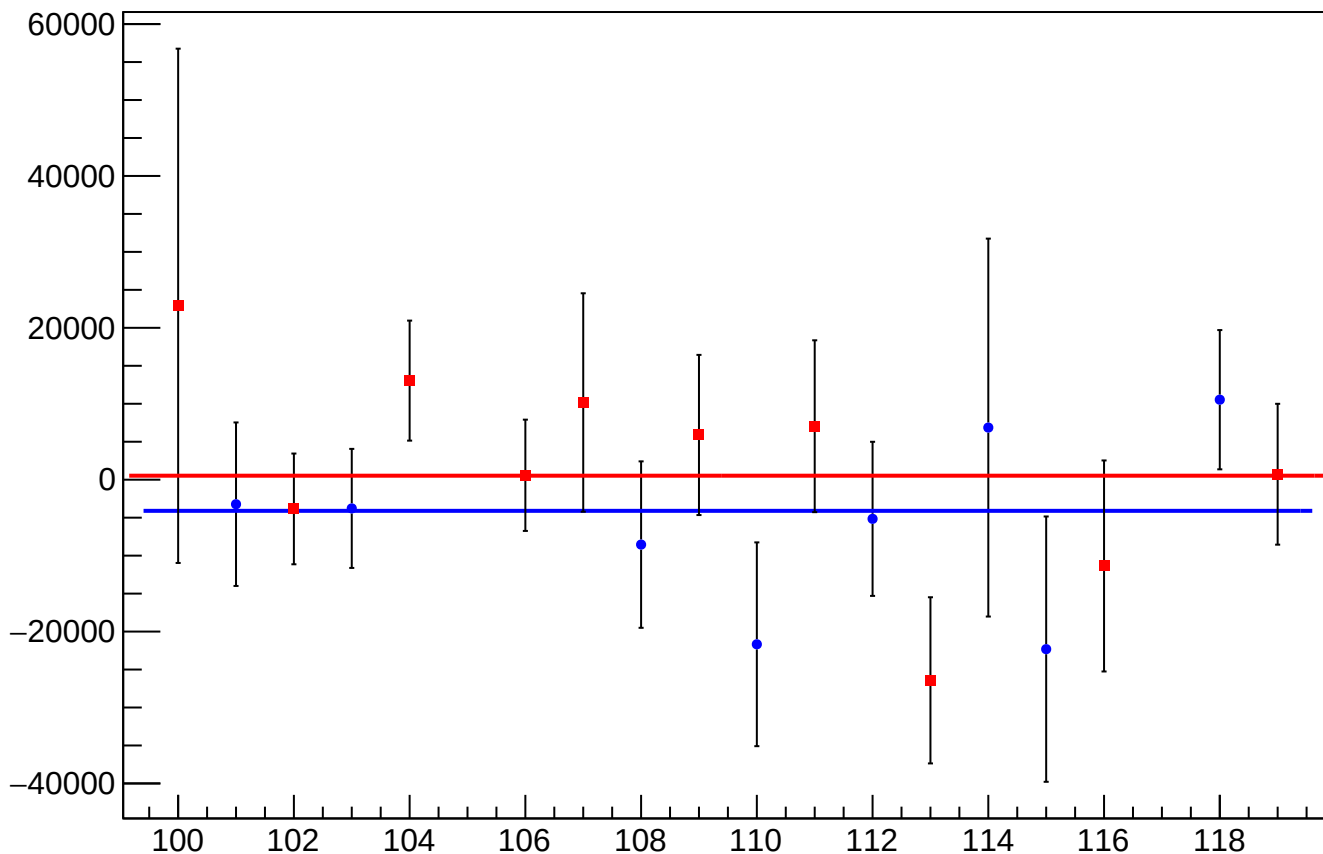
Right: 1665.820+/-0.449 χ^2/NDF : 405199.4/17

In: 1675.322+/-0.666 χ^2/NDF : 268392.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.820+/-0.449 χ^2/NDF : 405199.4/17

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4100.905+/-3913.943 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.031+/-3144.788 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

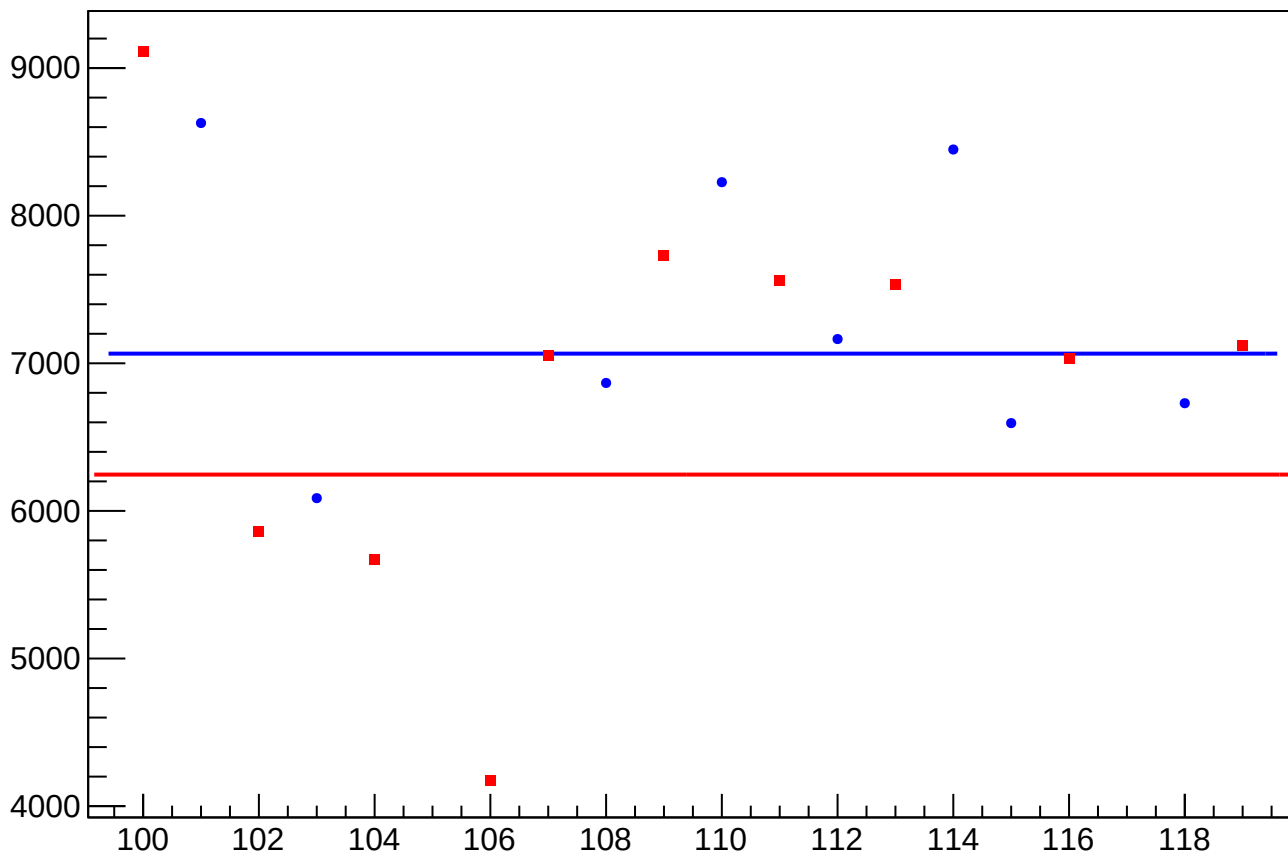
Right: -1288.571+/-2451.496 χ^2/NDF : 17.7/17

In: -4100.905+/-3913.943 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1288.571+/-2451.496 χ^2/NDF : 17.7/17

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7065.518+/-2.768 χ^2/NDF : 99462.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6246.071+/-2.224 χ^2/NDF : 315120.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

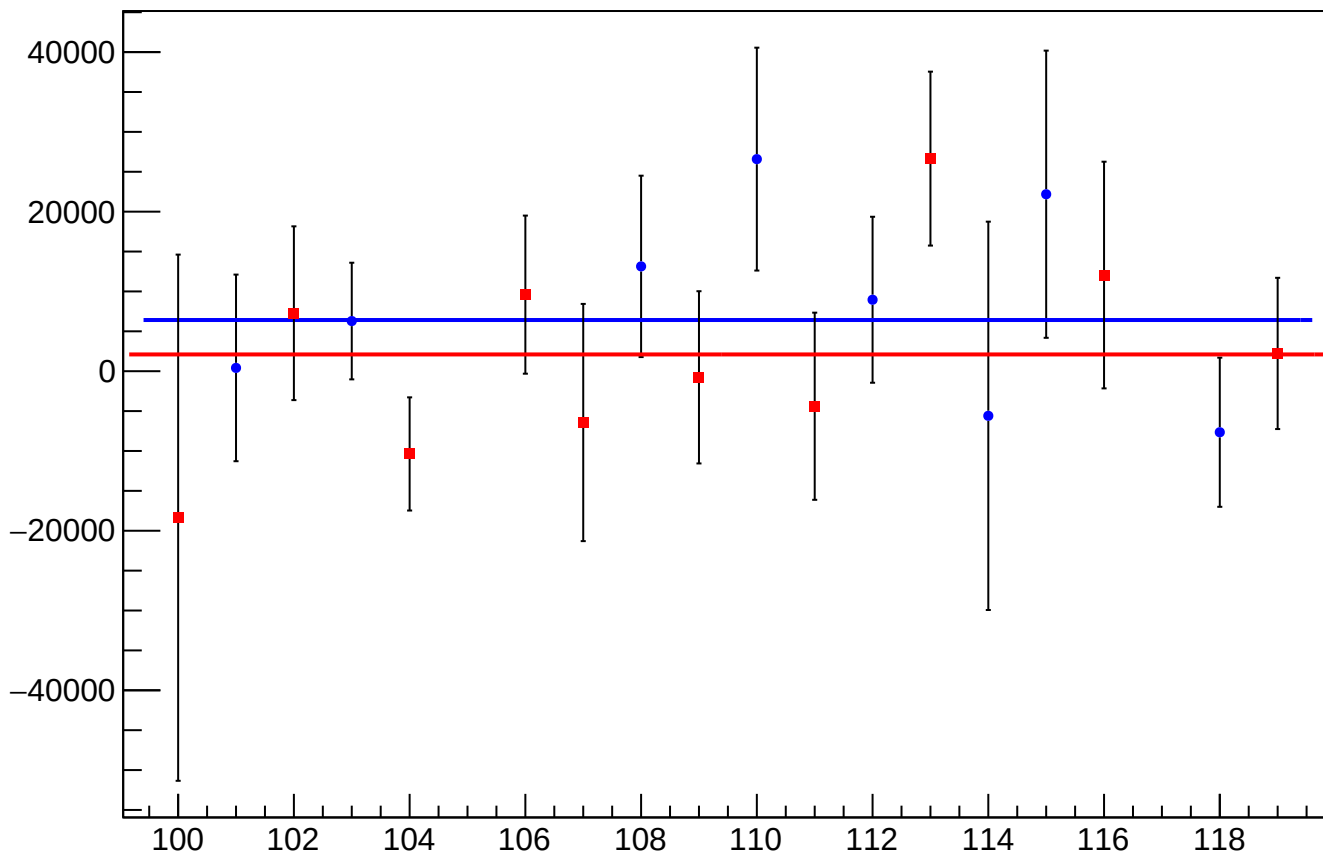
Right: 6567.551+/-1.733 χ^2/NDF : 467858.5/17

In: 7065.518+/-2.768 χ^2/NDF : 99462.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6567.551+/-1.733 χ^2/NDF : 467858.5/17

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 6416.366+/-3942.534 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2101.895+/-3444.738 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

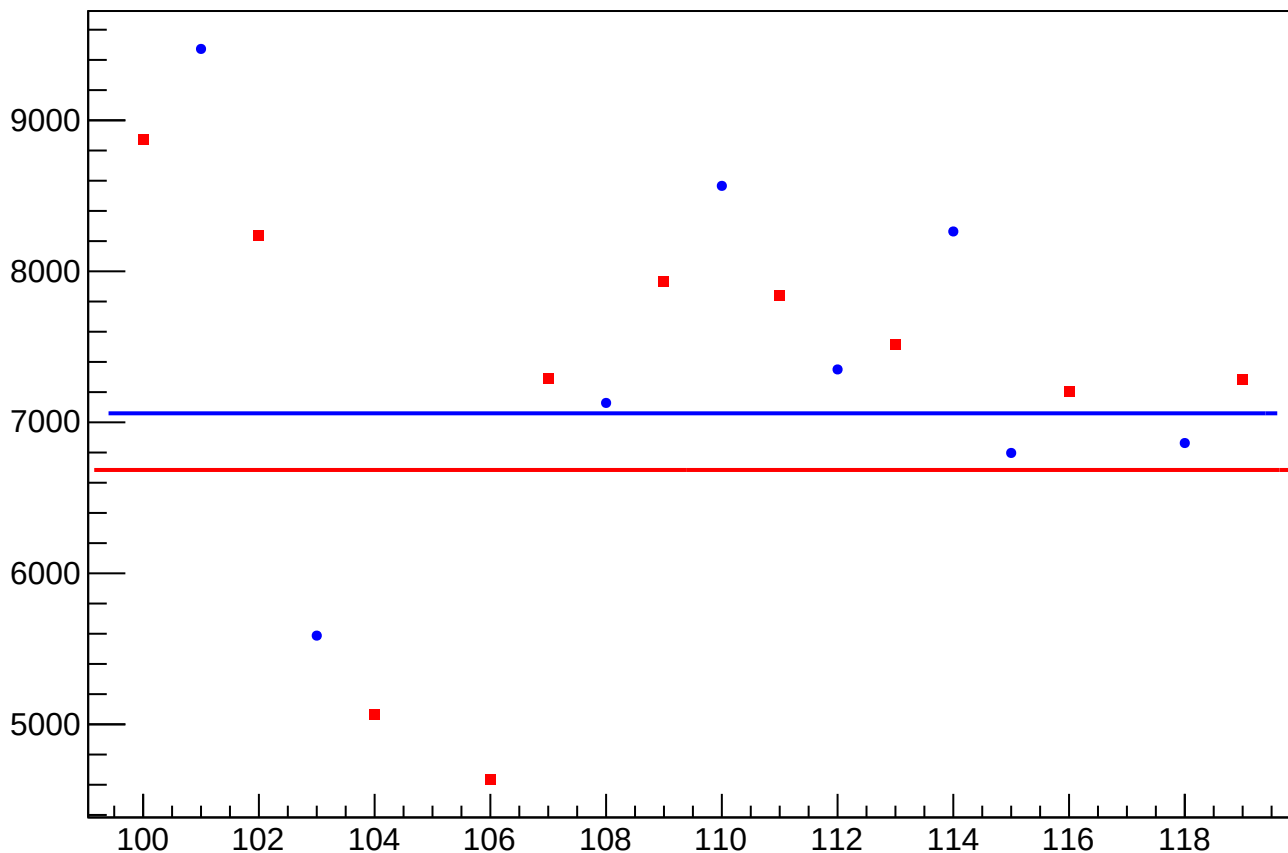
Right: 3969.712+/-2594.052 χ^2/NDF : 17.3/17

In: 6416.366+/-3942.534 χ^2/NDF :6.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3969.712+/-2594.052 χ^2/NDF : 17.3/17

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7059.655+/-2.788 χ^2/NDF : 197326.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6684.521+/-2.436 χ^2/NDF : 311424.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

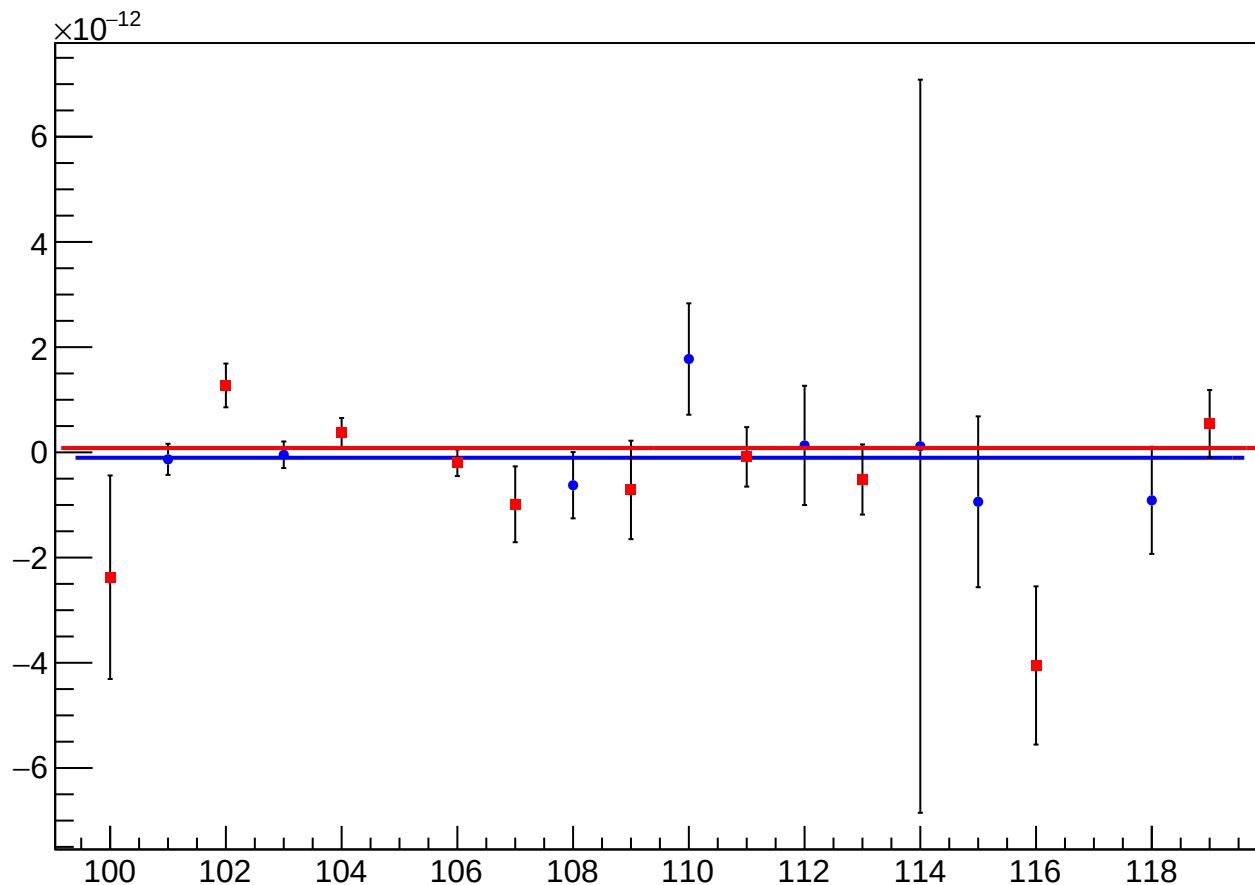
Right: 6846.905+/-1.834 χ^2/NDF : 519020.7/17

In: 7059.655+/-2.788 χ^2/NDF : 197326.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6846.905+/-1.834 χ^2/NDF : 519020.7/17

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

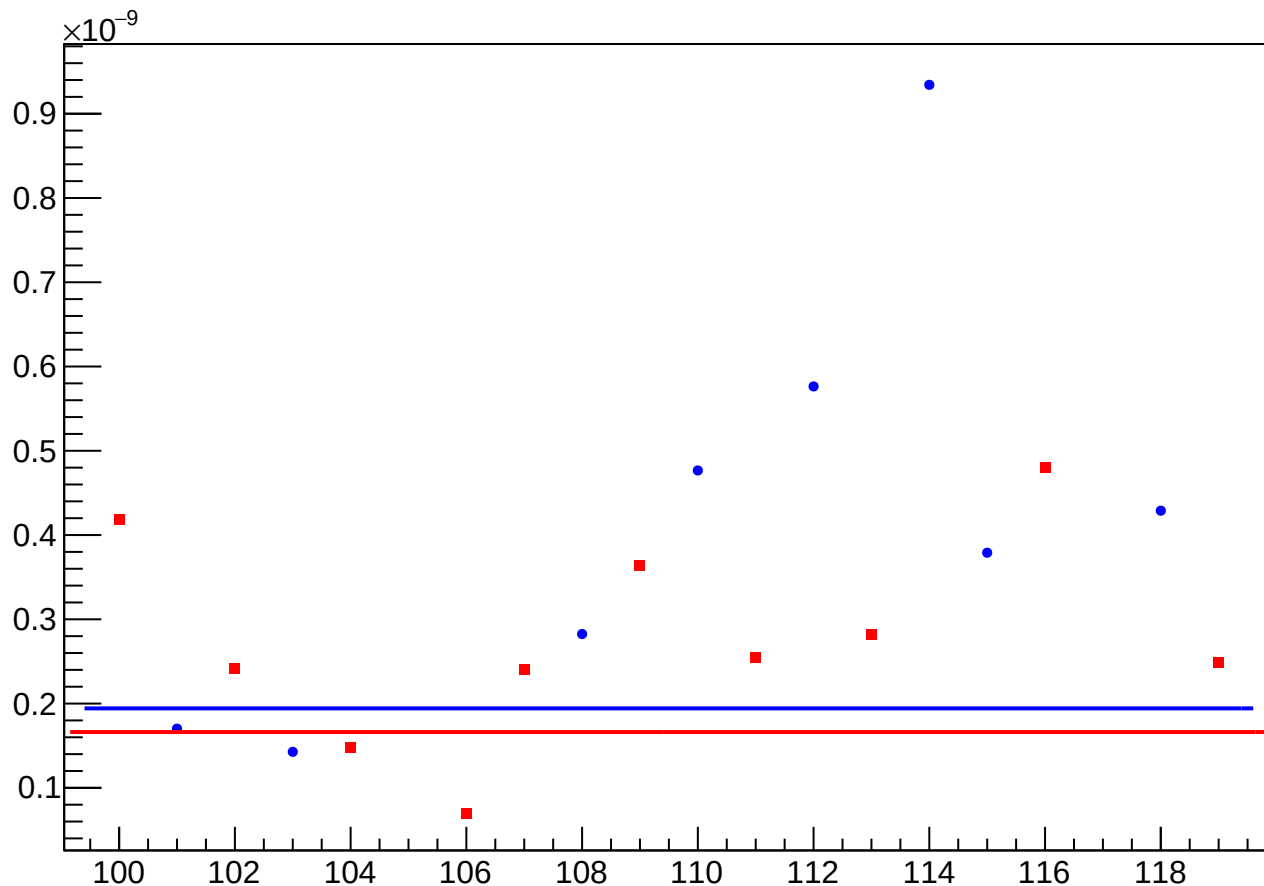
Right: 0.000+/-0.000 χ^2/NDF : 29.5/17

In: -0.000+/-0.000 χ^2/NDF :4.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.5/17

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 659869.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 742035.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

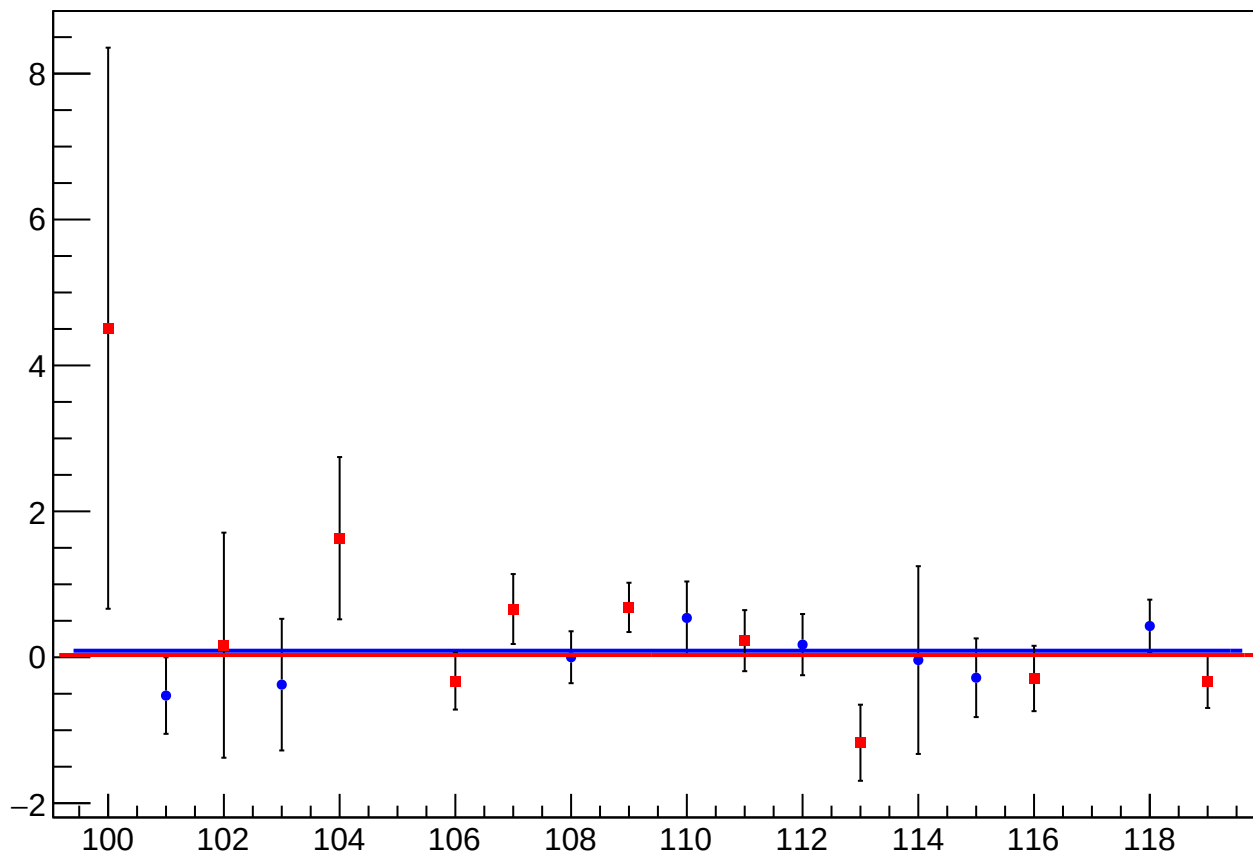
Right: 0.000+/-0.000 χ^2/NDF : 1431989.7/17

In: 0.000+/-0.000 χ^2/NDF : 659869.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1431989.7/17

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.090 $\pm$ 0.171 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.031 $\pm$ 0.152 χ^2 /NDF: 16.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

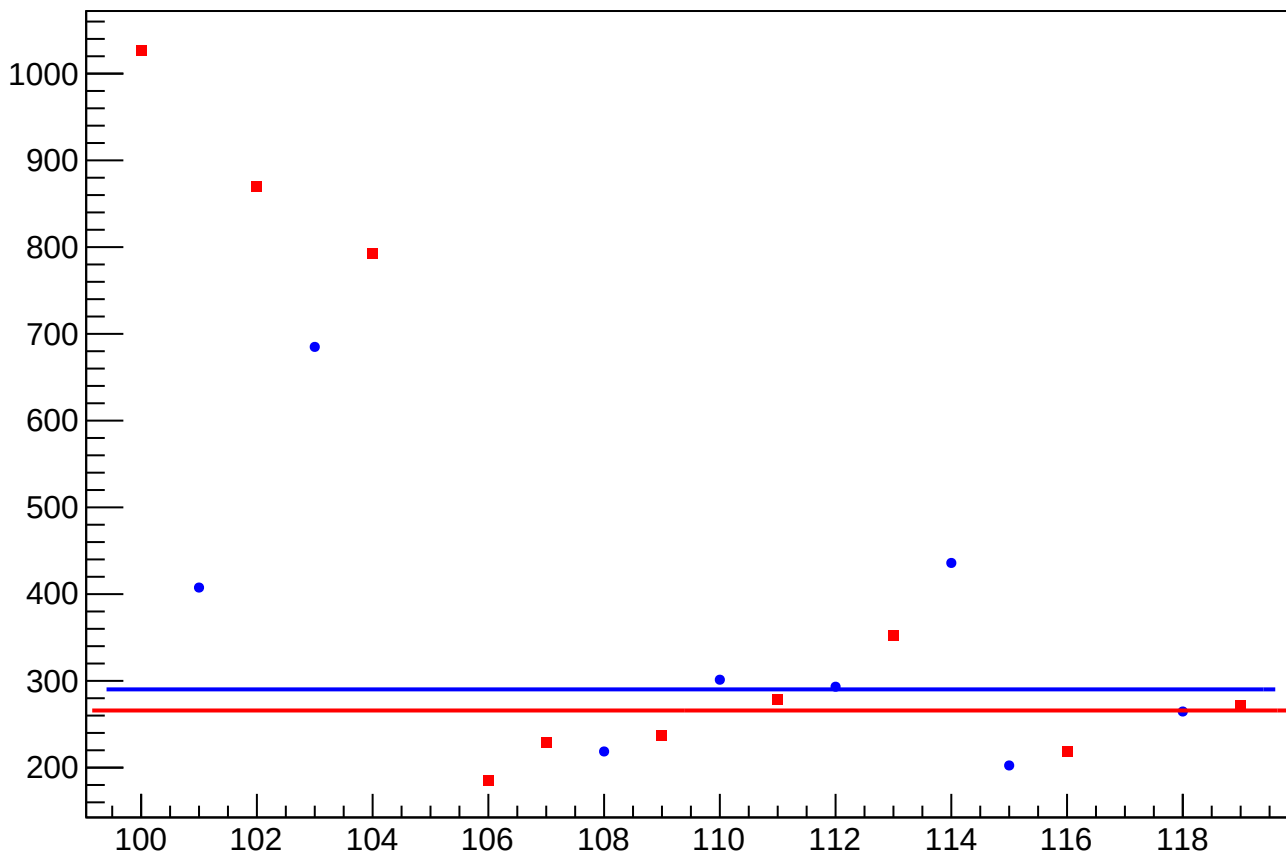
Right: 0.057 $\pm$ 0.114 χ^2 /NDF: 20.8/17

In: 0.090 $\pm$ 0.171 χ^2 /NDF:3.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.057 $\pm$ 0.114 χ^2 /NDF: 20.8/17

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.195+/-0.121 χ^2/NDF : 653666.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.865+/-0.108 χ^2/NDF : 1025160.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

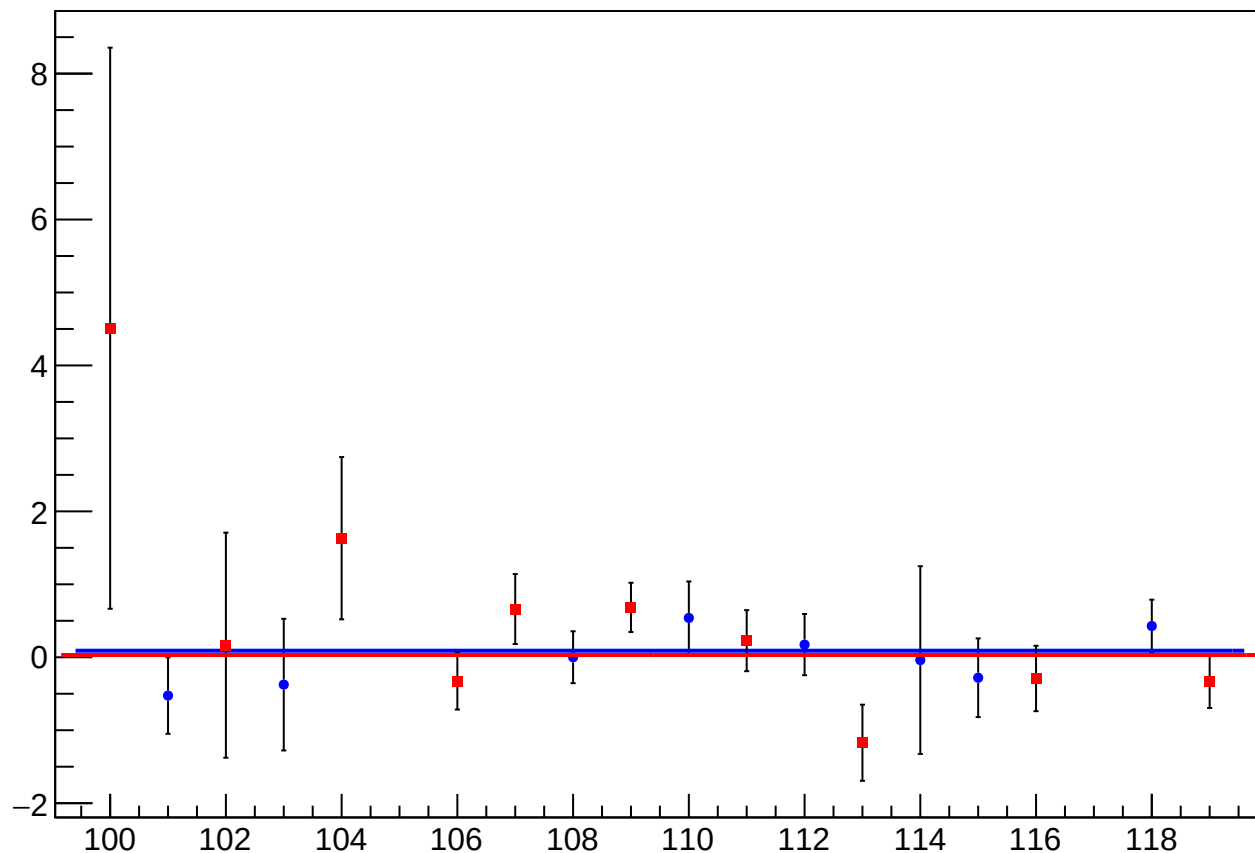
Right: 276.613+/-0.080 χ^2/NDF : 1701398.3/17

In: 290.195+/-0.121 χ^2/NDF : 653666.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.613+/-0.080 χ^2/NDF : 1701398.3/17

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

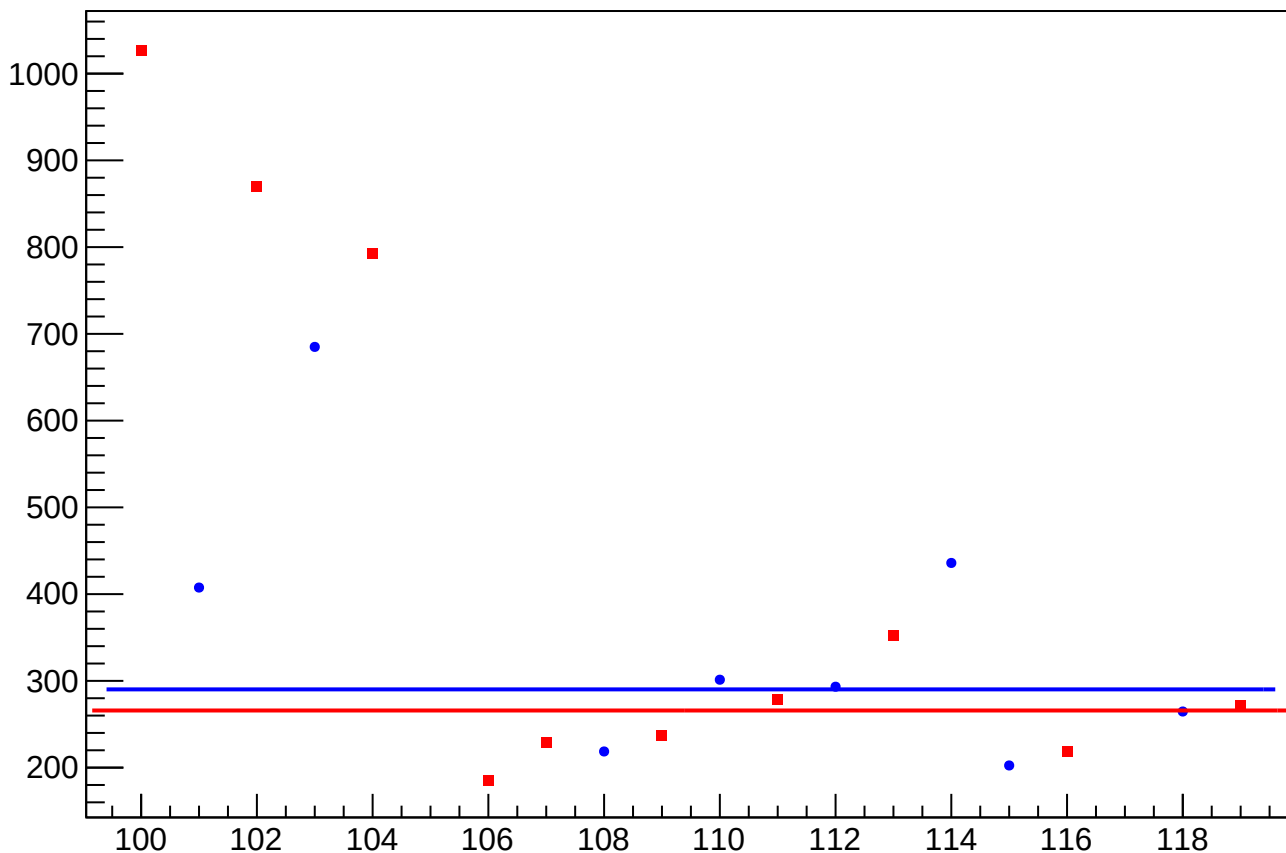
Right: 0.057+/-0.114 χ^2/NDF : 20.8/17

In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.114 χ^2/NDF : 20.8/17

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.195+/-0.121 χ^2/NDF : 653666.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.865+/-0.108 χ^2/NDF : 1025160.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

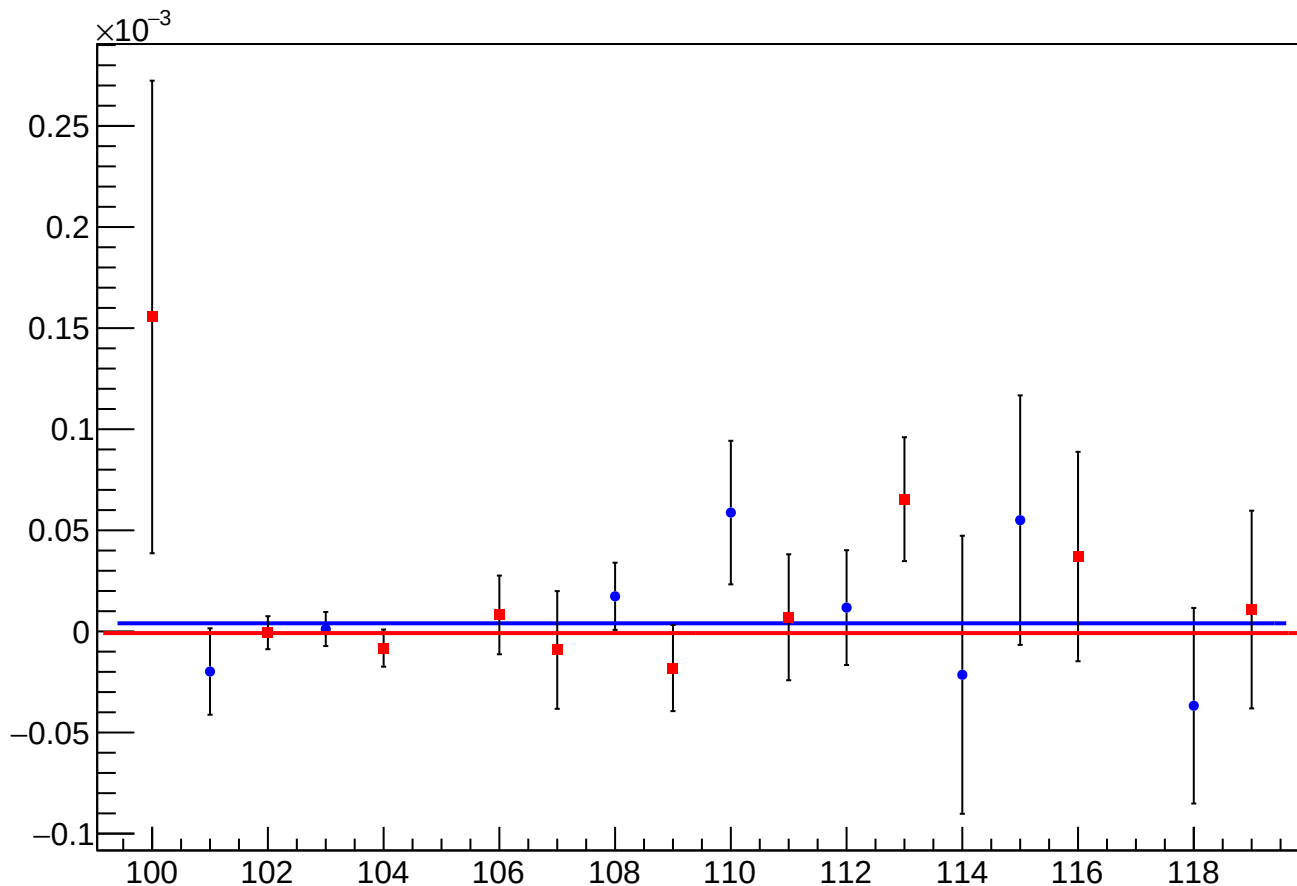
Right: 276.613+/-0.080 χ^2/NDF : 1701398.3/17

In: 290.195+/-0.121 χ^2/NDF : 653666.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.613+/-0.080 χ^2/NDF : 1701398.3/17

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

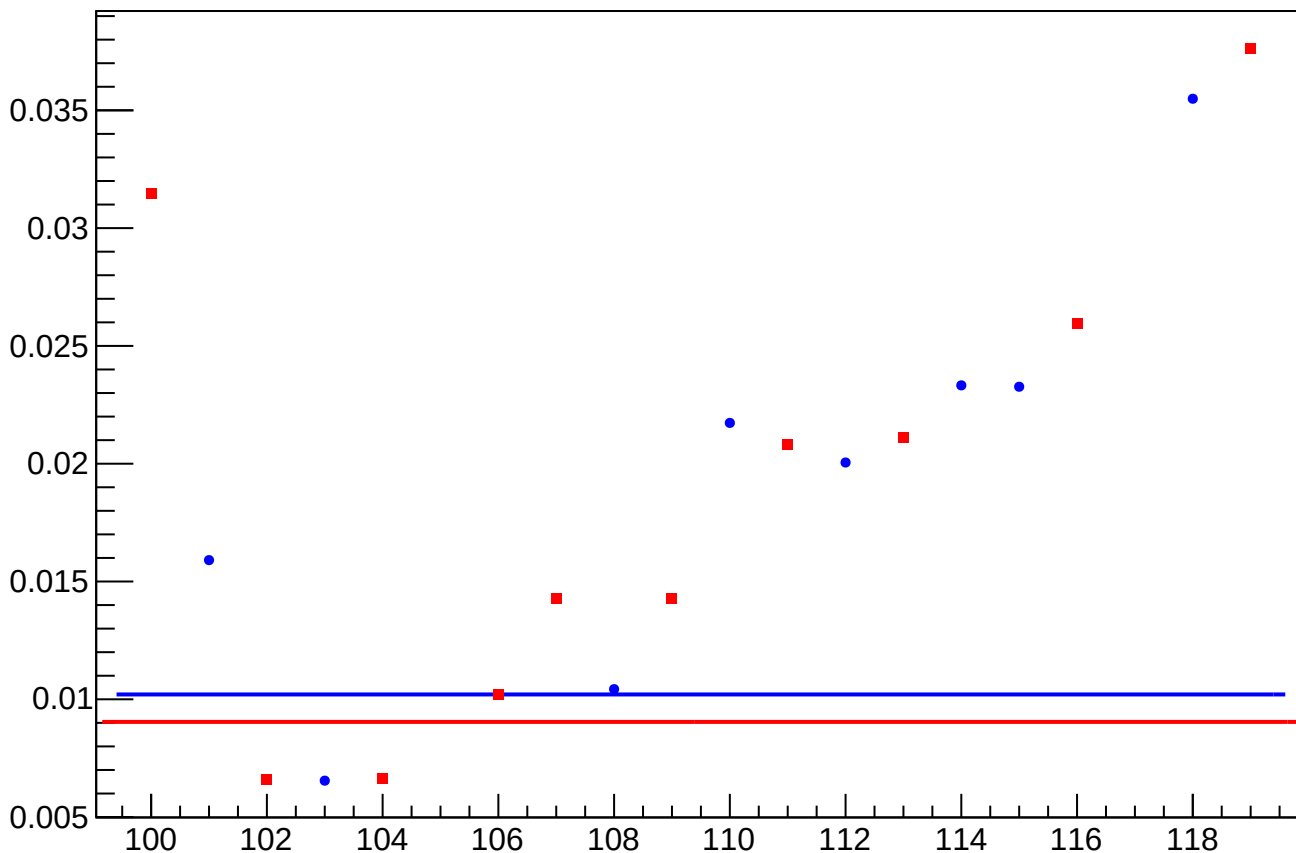
Right: 0.000+/-0.000 χ^2/NDF : 15.0/17

In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/17

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1681182.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 2079222.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

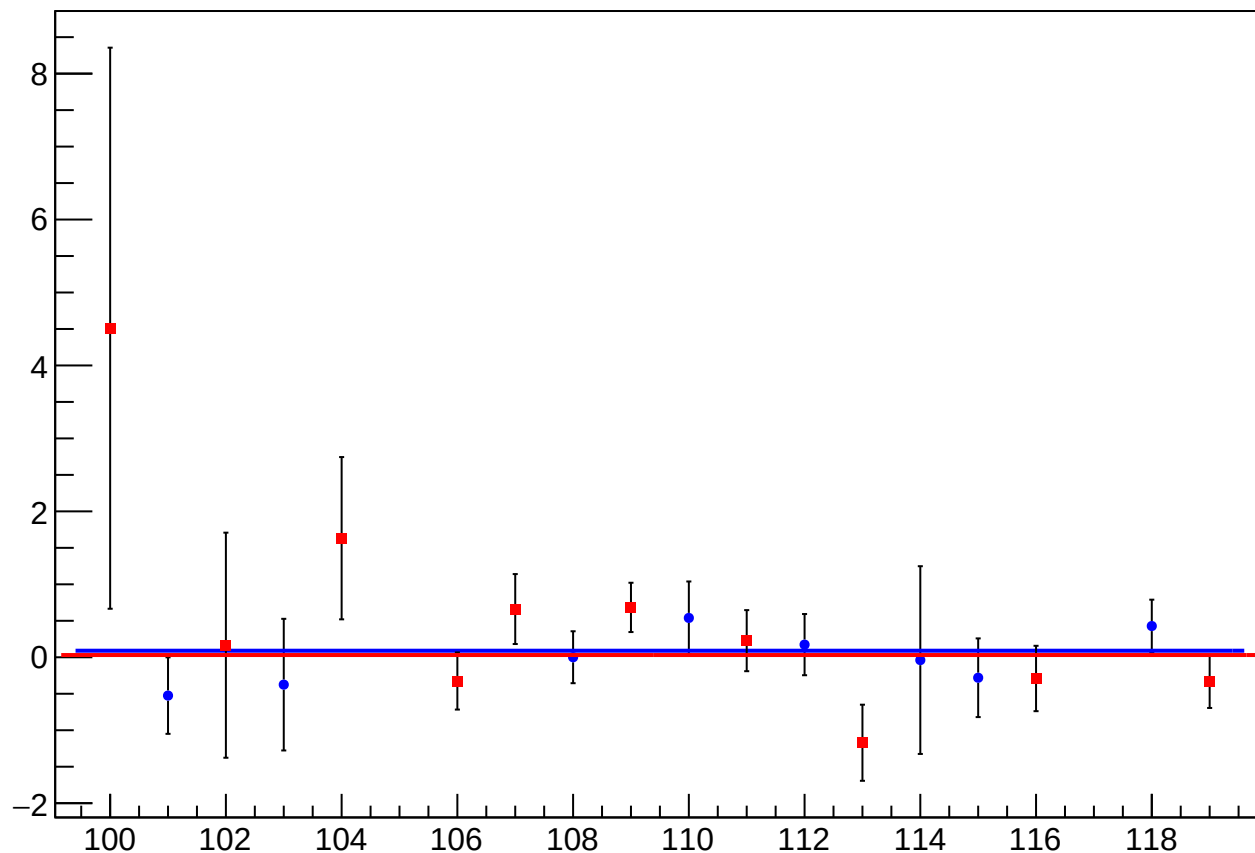
Right: 0.009+/-0.000 χ^2/NDF : 3798301.2/17

In: 0.010+/-0.000 χ^2/NDF : 1681182.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 3798301.2/17

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

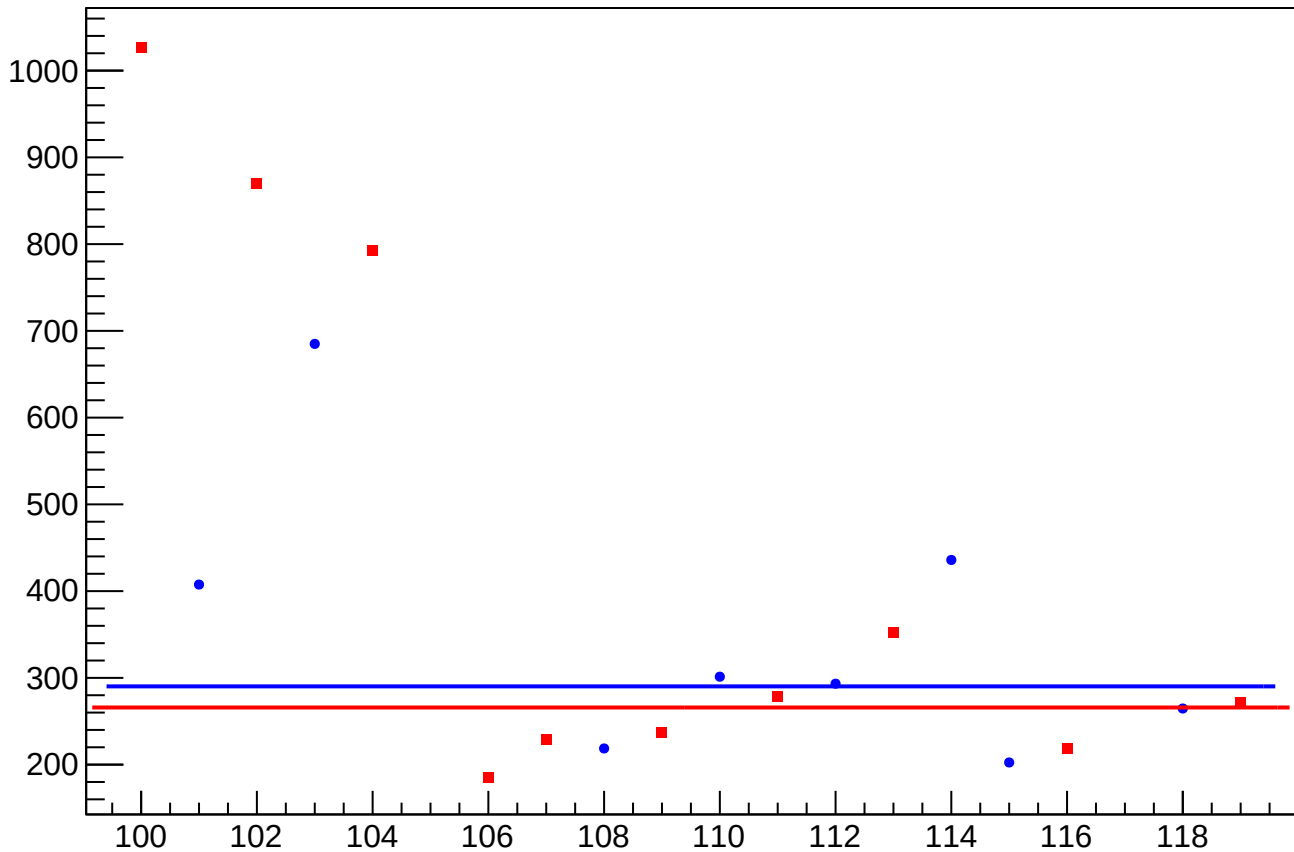
Right: 0.057+/-0.114 χ^2/NDF : 20.8/17

In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.114 χ^2/NDF : 20.8/17

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.196+/-0.121 χ^2/NDF : 653648.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 265.867+/-0.108 χ^2/NDF : 1025148.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

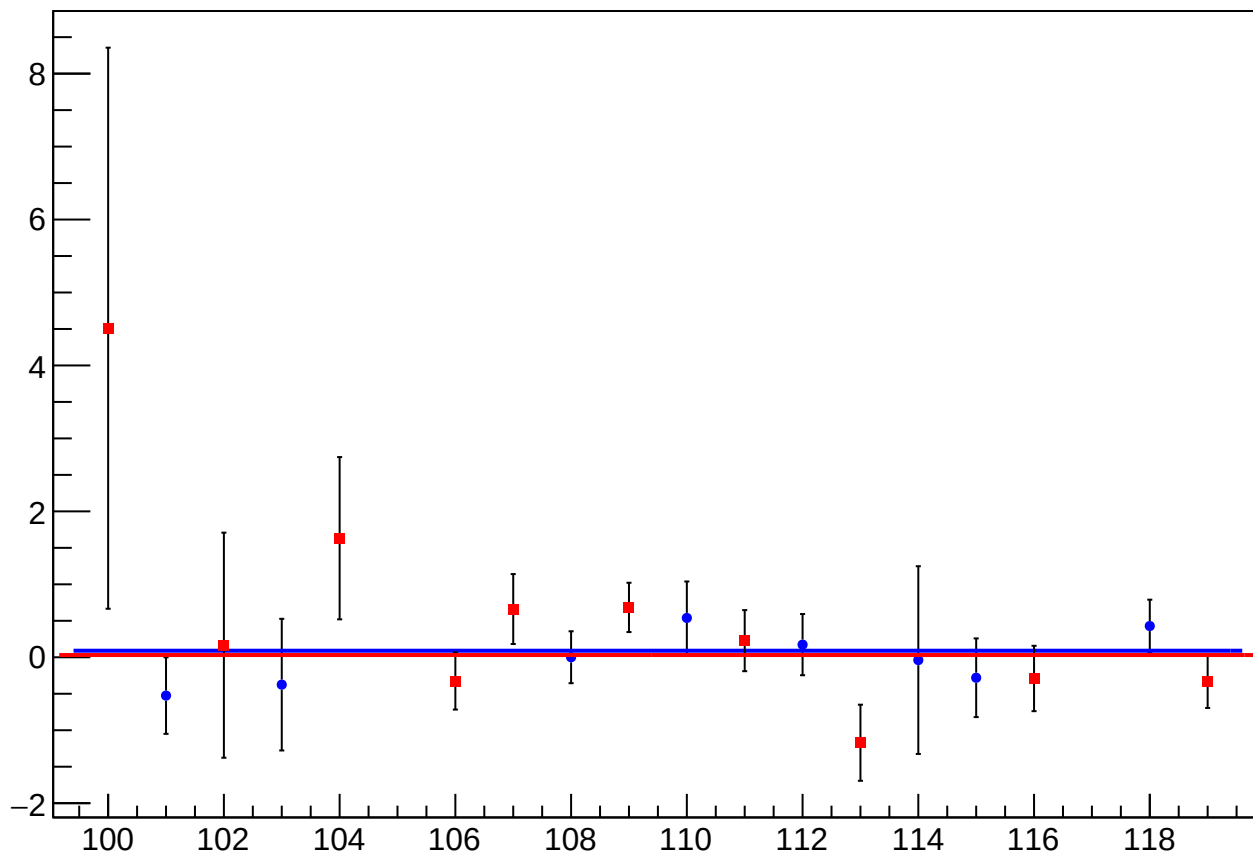
Right: 276.615+/-0.080 χ^2/NDF : 1701366.4/17

In: 290.196+/-0.121 χ^2/NDF : 653648.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.615+/-0.080 χ^2/NDF : 1701366.4/17

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.152 χ^2/NDF : 16.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

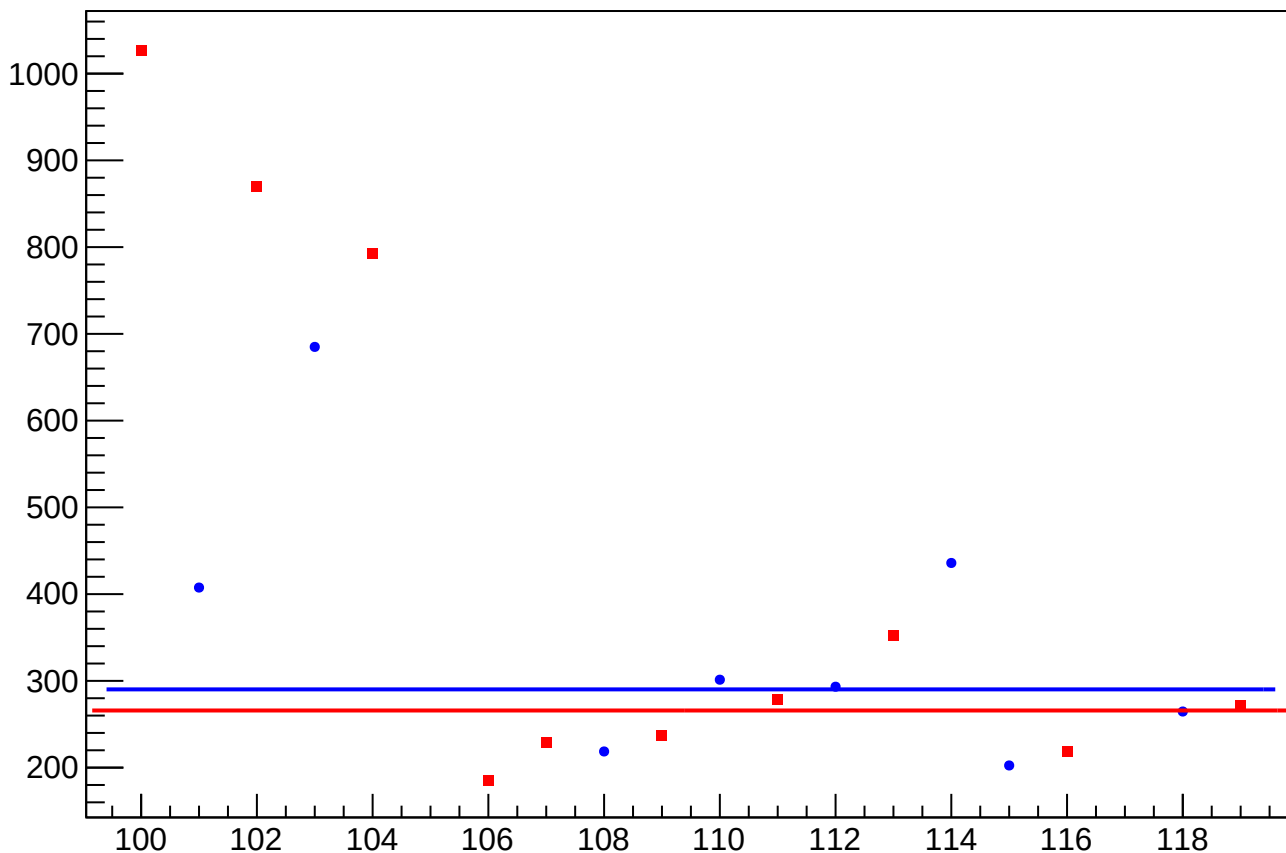
Right: 0.057+/-0.114 χ^2/NDF : 20.8/17

In: 0.090+/-0.171 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.114 χ^2/NDF : 20.8/17

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 290.196+/-0.121 χ^2/NDF : 653648.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 265.867+/-0.108 χ^2/NDF : 1025148.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

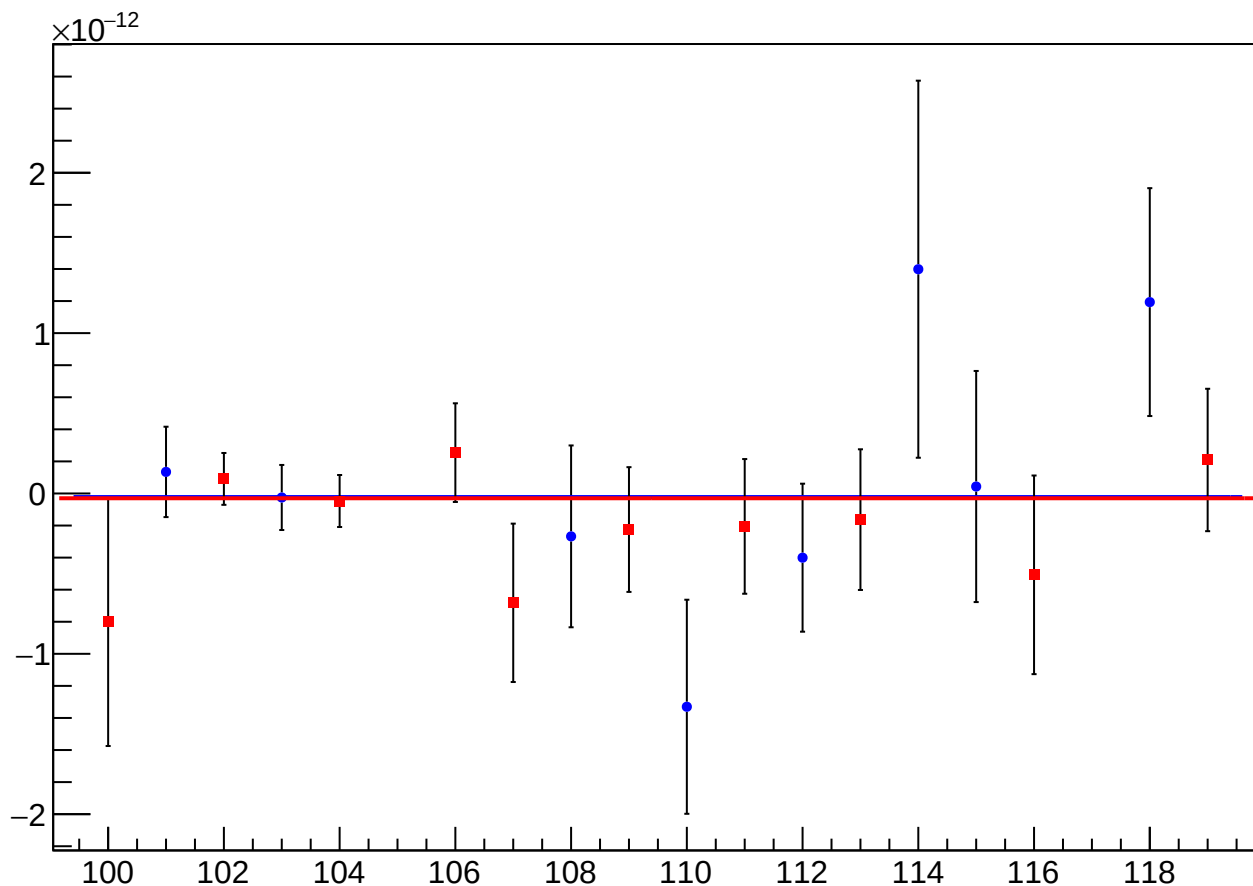
Right: 276.615+/-0.080 χ^2/NDF : 1701366.4/17

In: 290.196+/-0.121 χ^2/NDF :653648.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 276.615+/-0.080 χ^2/NDF : 1701366.4/17

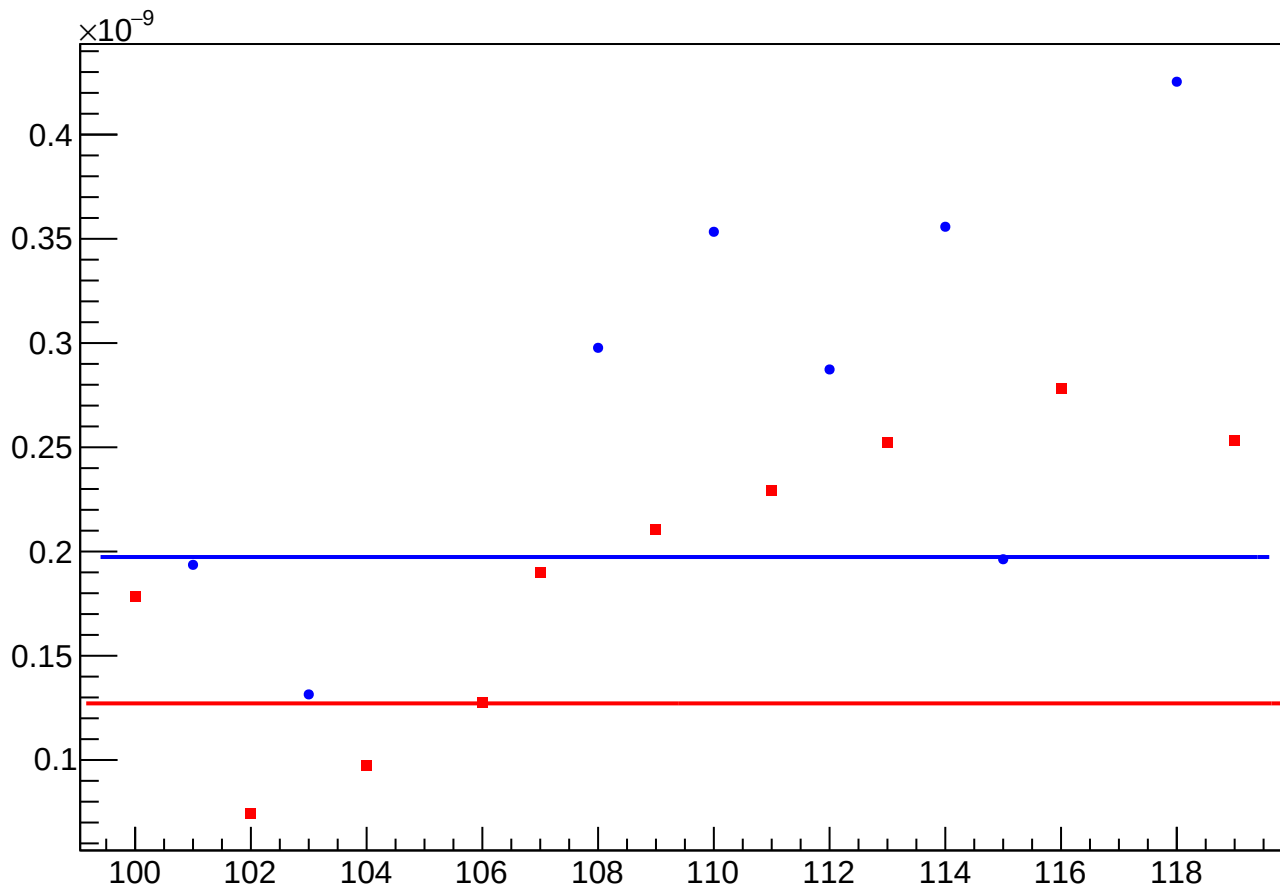
asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.4/7
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -0.000+/-0.000 χ^2 /NDF: 5.6/9
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -0.000+/-0.000 χ^2 /NDF: 15.0/17
 In: -0.000+/-0.000 χ^2 /NDF:9.4/7
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -0.000+/-0.000 χ^2 /NDF: 15.0/17

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 701545.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 973383.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

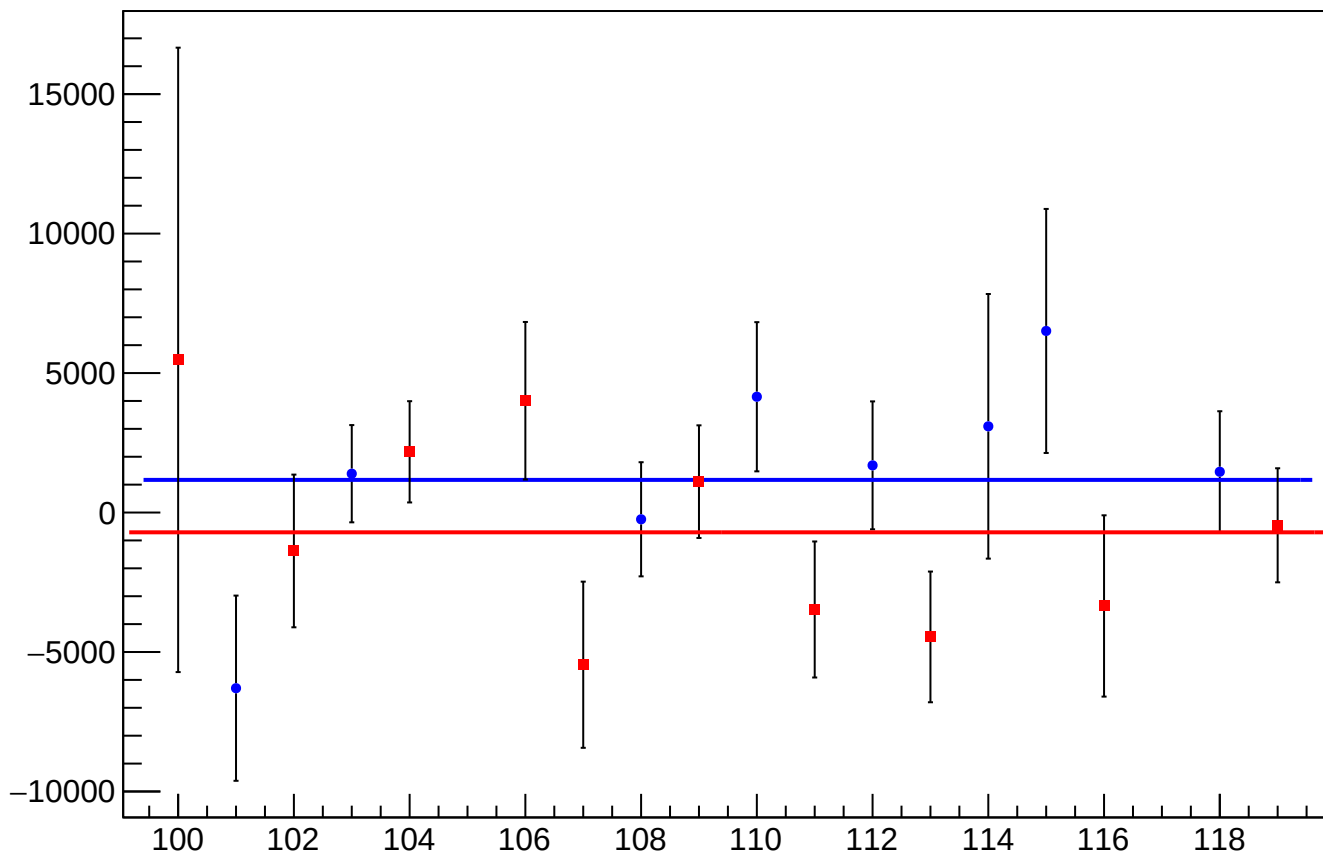
Right: 0.000+/-0.000 χ^2/NDF : 2028558.1/17

In: 0.000+/-0.000 χ^2/NDF : 701545.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2028558.1/17

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1170.387+/-877.807 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.118+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

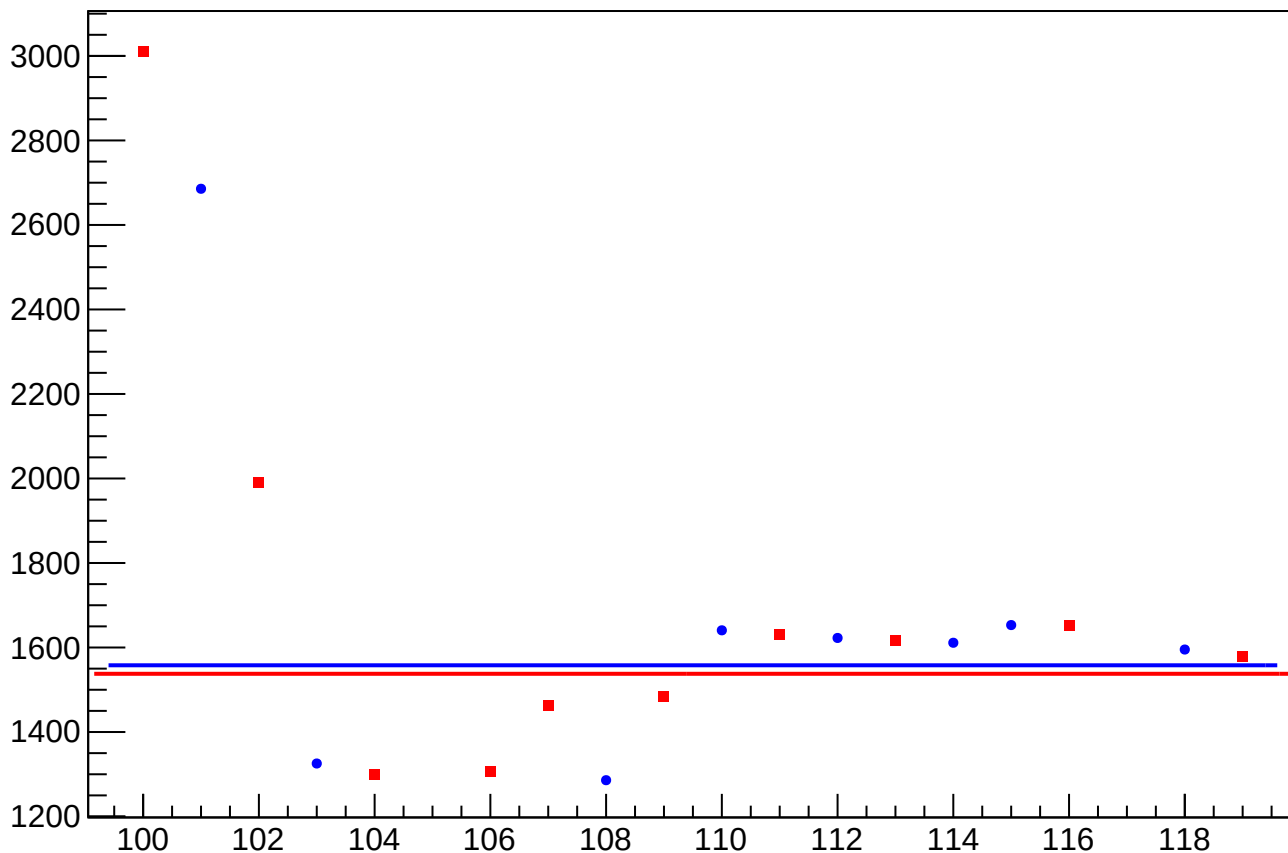
Right: 128.968+/-586.167 χ^2/NDF : 24.6/17

In: 1170.387+/-877.807 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.968+/-586.167 χ^2/NDF : 24.6/17

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1557.918+/-0.621 χ^2/NDF : 306978.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.784+/-0.557 χ^2/NDF : 147873.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

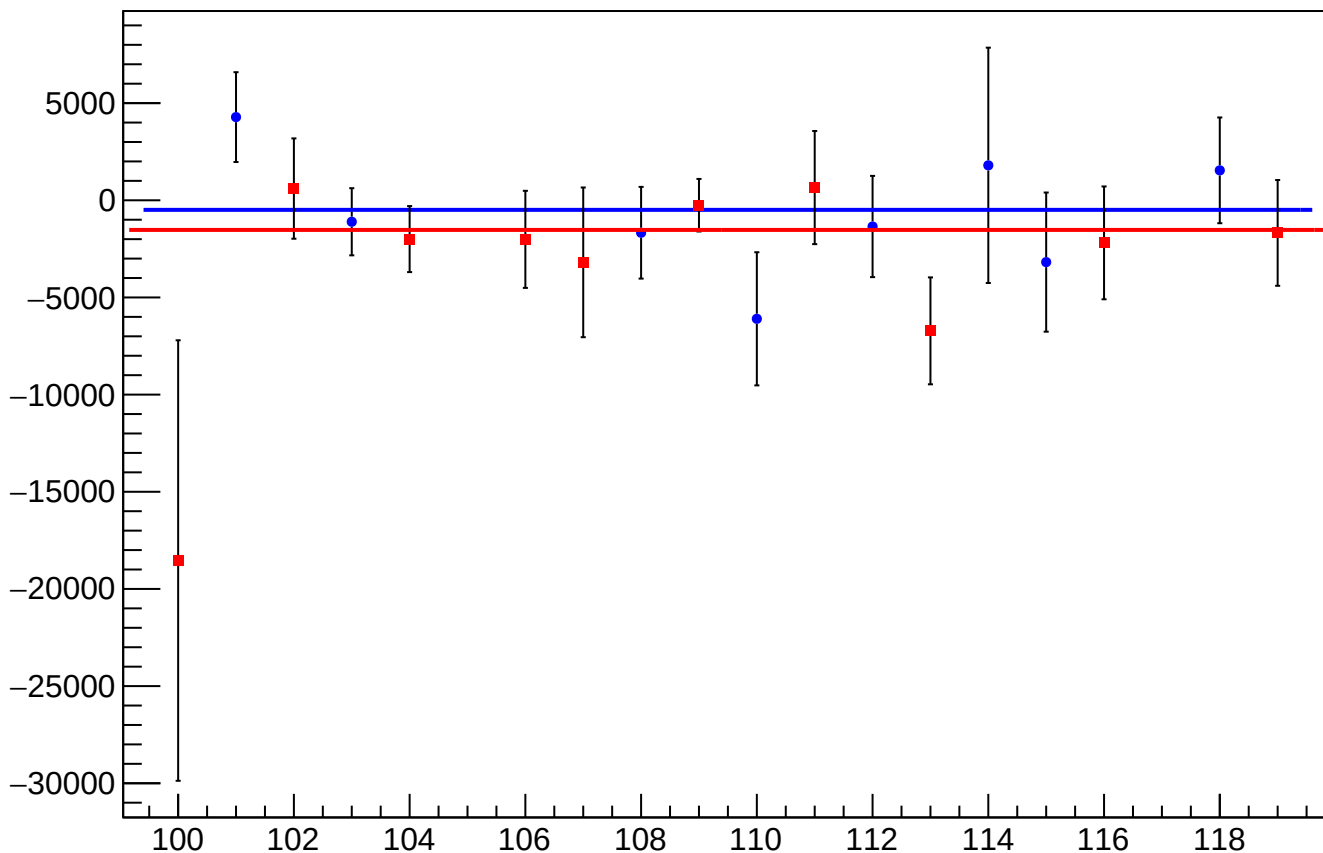
Right: 1546.762+/-0.414 χ^2/NDF : 455434.2/17

In: 1557.918+/-0.621 χ^2/NDF : 306978.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.762+/-0.414 χ^2/NDF : 455434.2/17

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -492.195+/-922.629 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1524.984+/-748.938 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

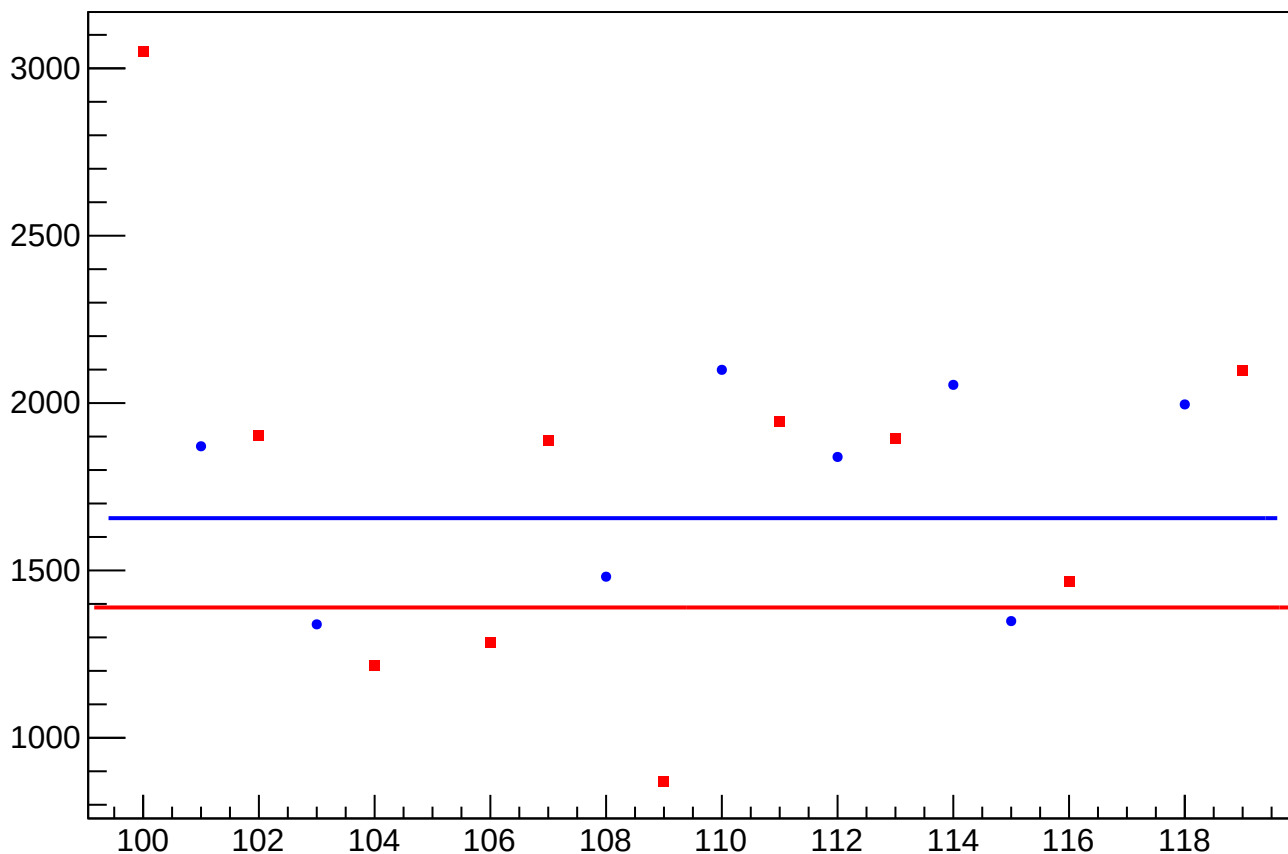
Right: -1114.759+/-581.477 χ^2/NDF : 17.7/17

In: -492.195+/-922.629 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1114.759+/-581.477 χ^2/NDF : 17.7/17

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1656.207+/-0.652 χ^2/NDF : 193593.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1389.401+/-0.530 χ^2/NDF : 752961.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

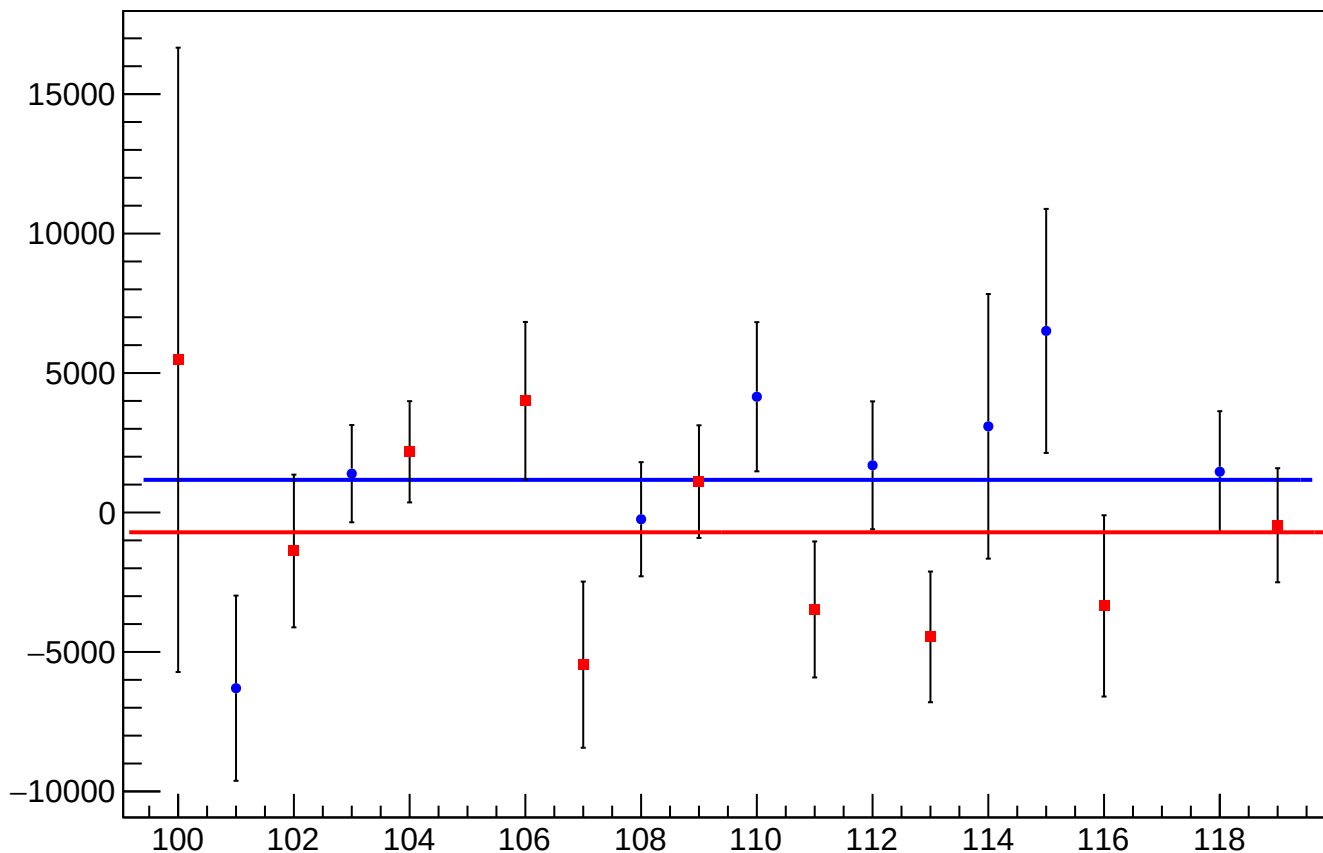
Right: 1495.376+/-0.411 χ^2/NDF : 1047373.0/17

In: 1656.207+/-0.652 χ^2/NDF : 193593.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1495.376+/-0.411 χ^2/NDF : 1047373.0/17

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1170.202+/-877.807 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.506+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

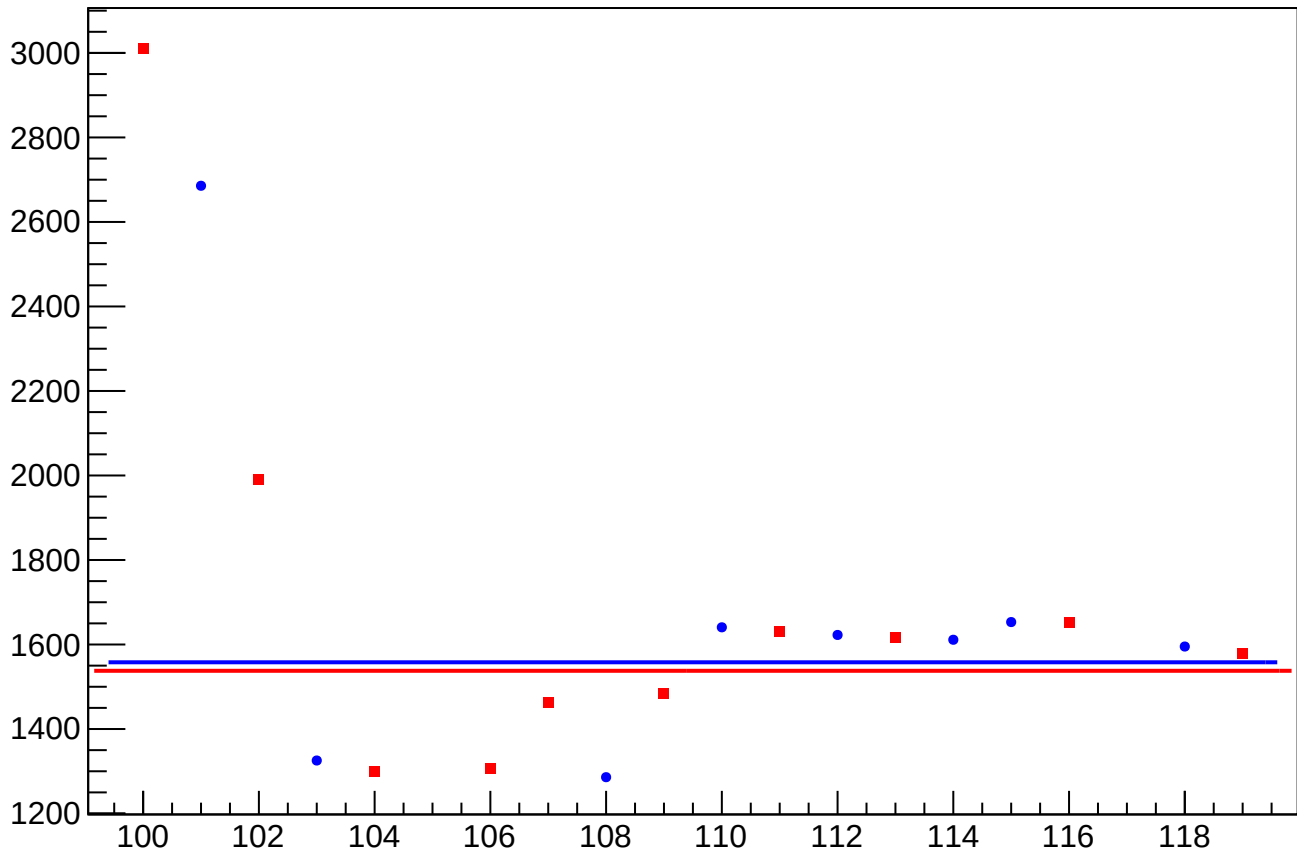
Right: 128.670+/-586.167 χ^2/NDF : 24.6/17

In: 1170.202+/-877.807 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.670+/-586.167 χ^2/NDF : 24.6/17

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1557.918+/-0.621 χ^2/NDF : 306978.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.783+/-0.557 χ^2/NDF : 147872.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

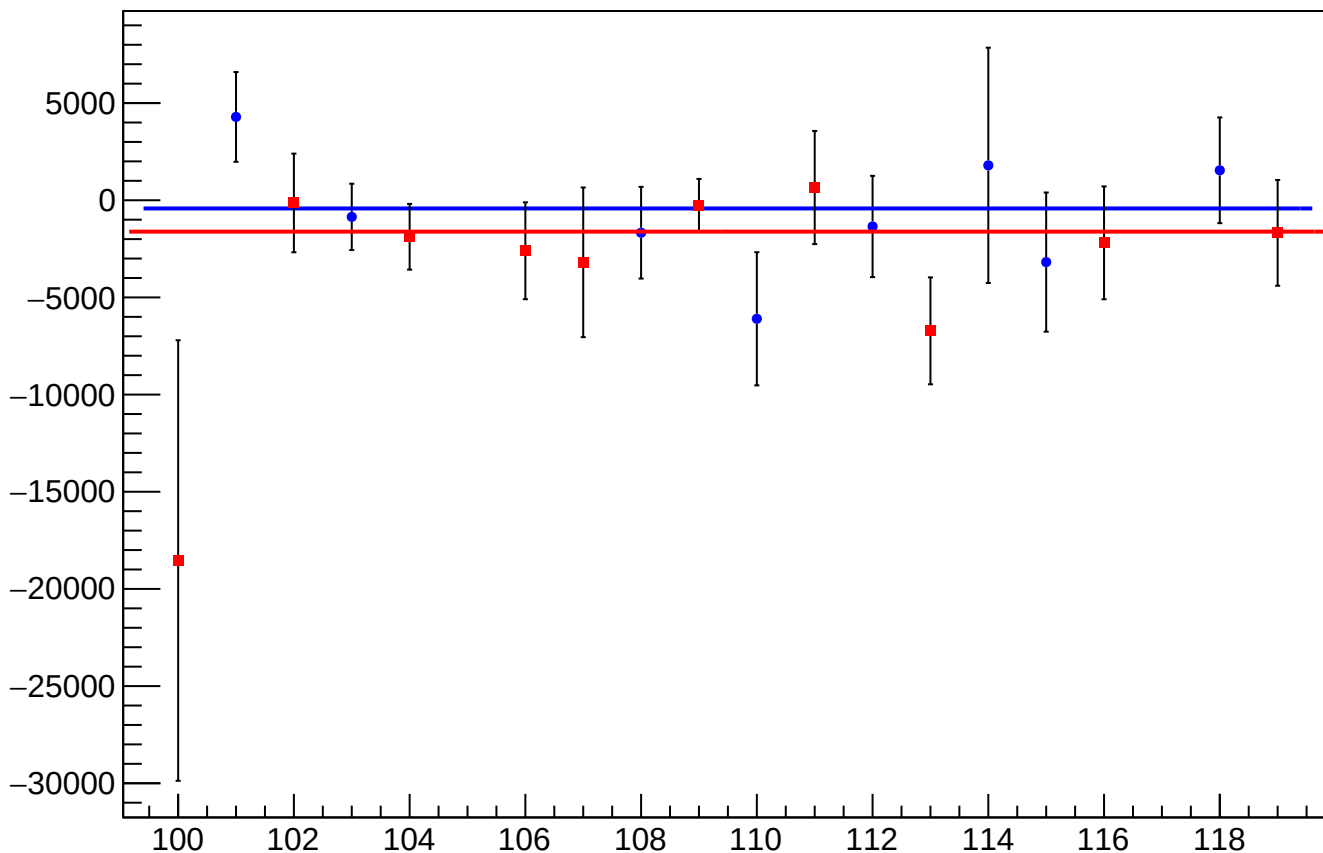
Right: 1546.761+/-0.414 χ^2/NDF : 455434.1/17

In: 1557.918+/-0.621 χ^2/NDF : 306978.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.761+/-0.414 χ^2/NDF : 455434.1/17

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -422.524+/-919.305 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1614.458+/-747.071 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

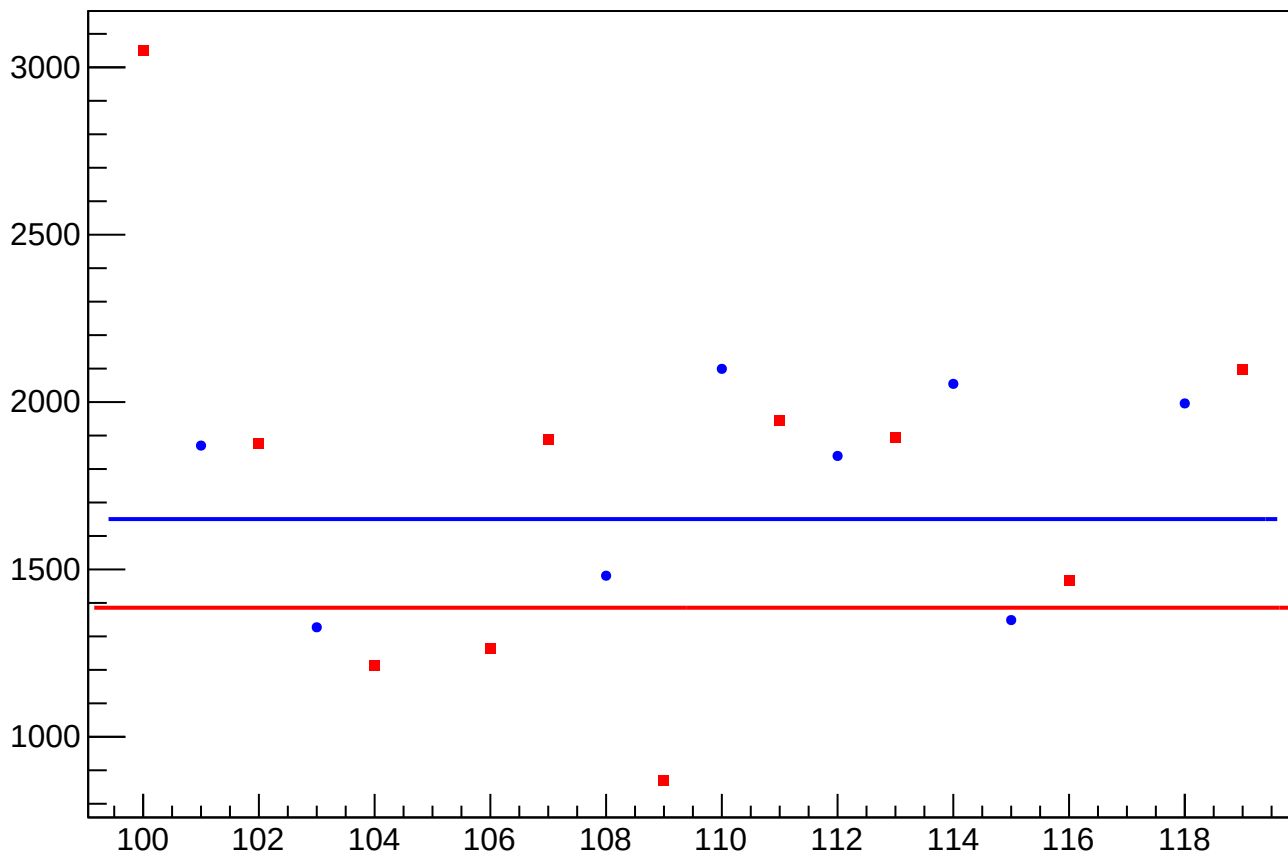
Right: -1140.386+/-579.770 χ^2/NDF : 17.7/17

In: -422.524+/-919.305 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1140.386+/-579.770 χ^2/NDF : 17.7/17

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1650.436+/-0.650 χ^2/NDF : 200279.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.681+/-0.528 χ^2/NDF : 748914.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

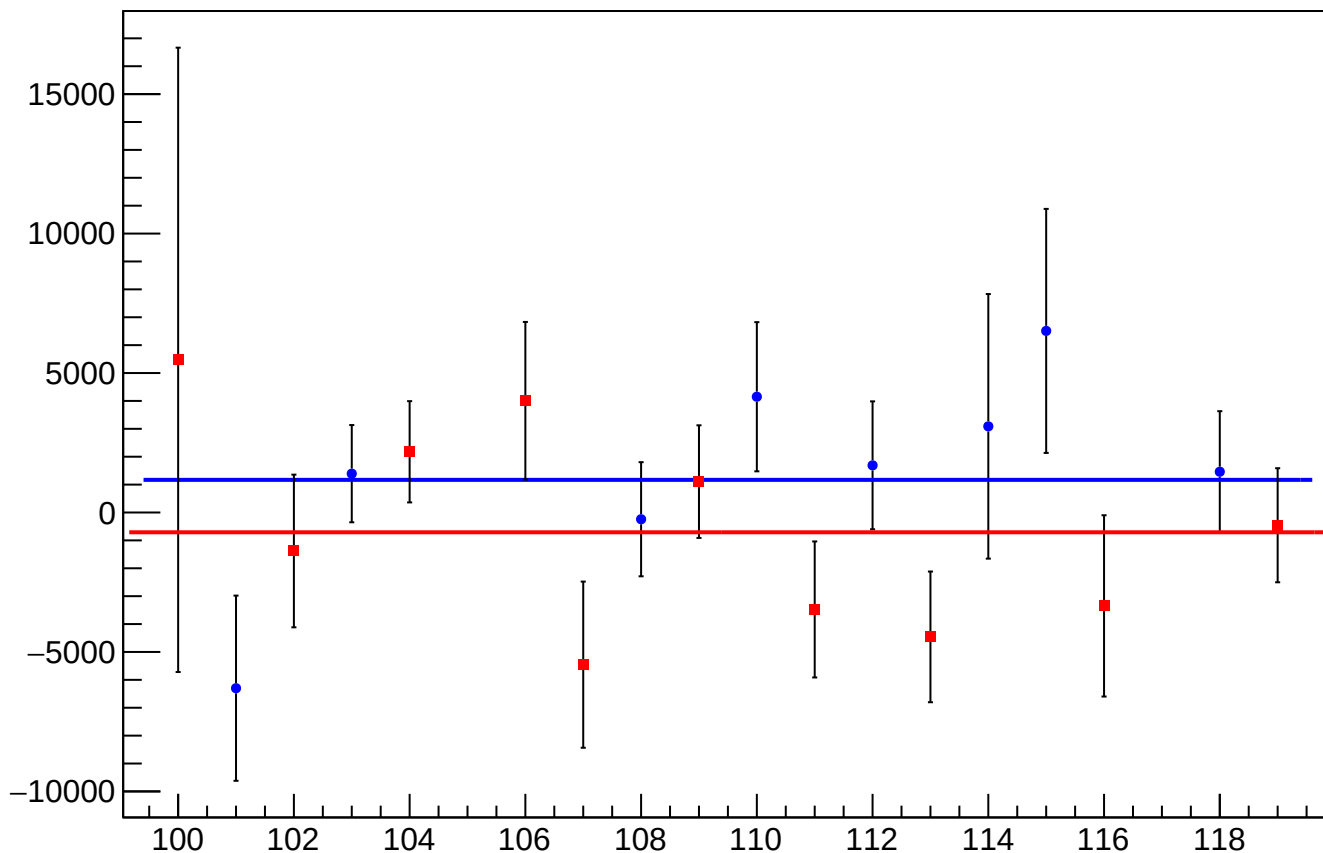
Right: 1490.983+/-0.410 χ^2/NDF : 1049097.9/17

In: 1650.436+/-0.650 χ^2/NDF : 200279.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.983+/-0.410 χ^2/NDF : 1049097.9/17

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1170.202+/-877.807 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -709.506+/-787.464 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

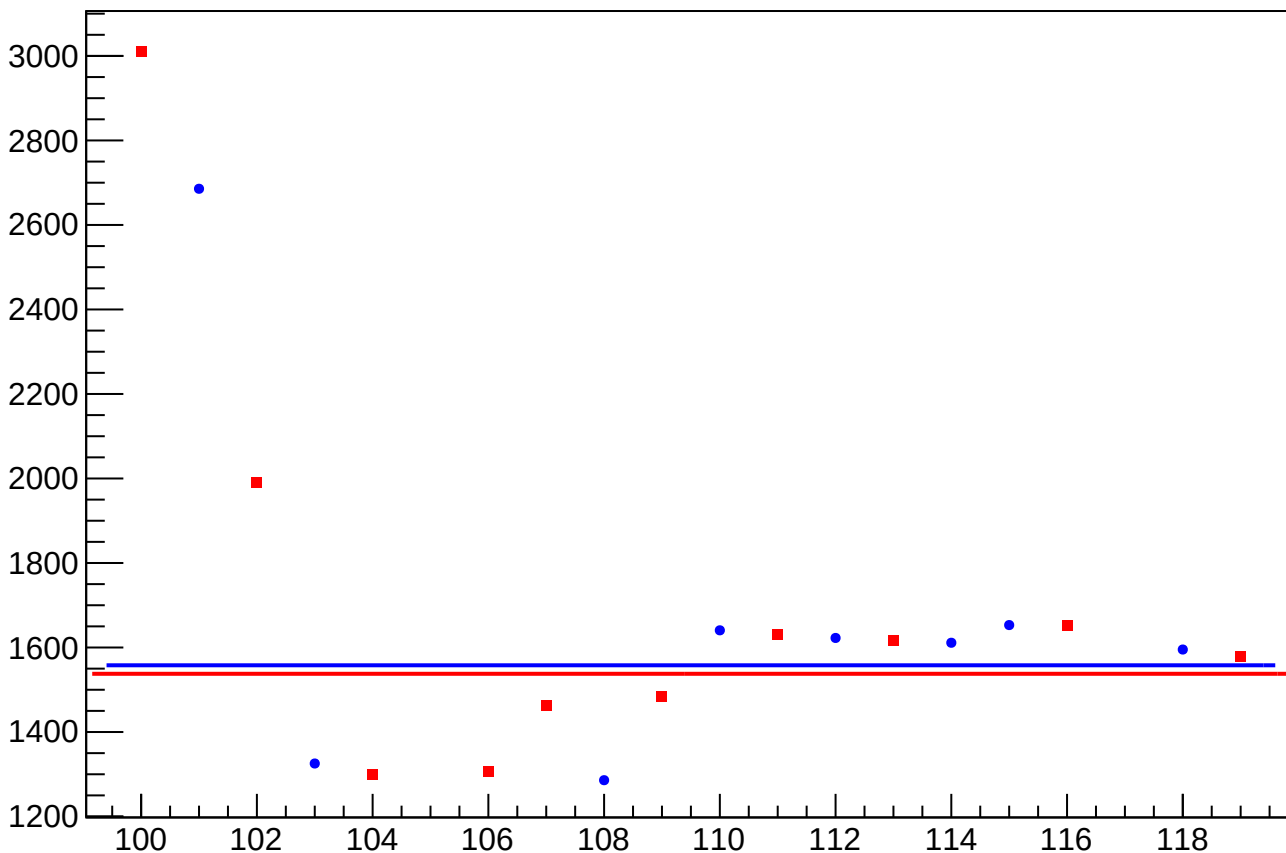
Right: 128.670+/-586.167 χ^2/NDF : 24.6/17

In: 1170.202+/-877.807 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.670+/-586.167 χ^2/NDF : 24.6/17

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1557.918+/-0.621 χ^2/NDF : 306978.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1537.783+/-0.557 χ^2/NDF : 147872.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

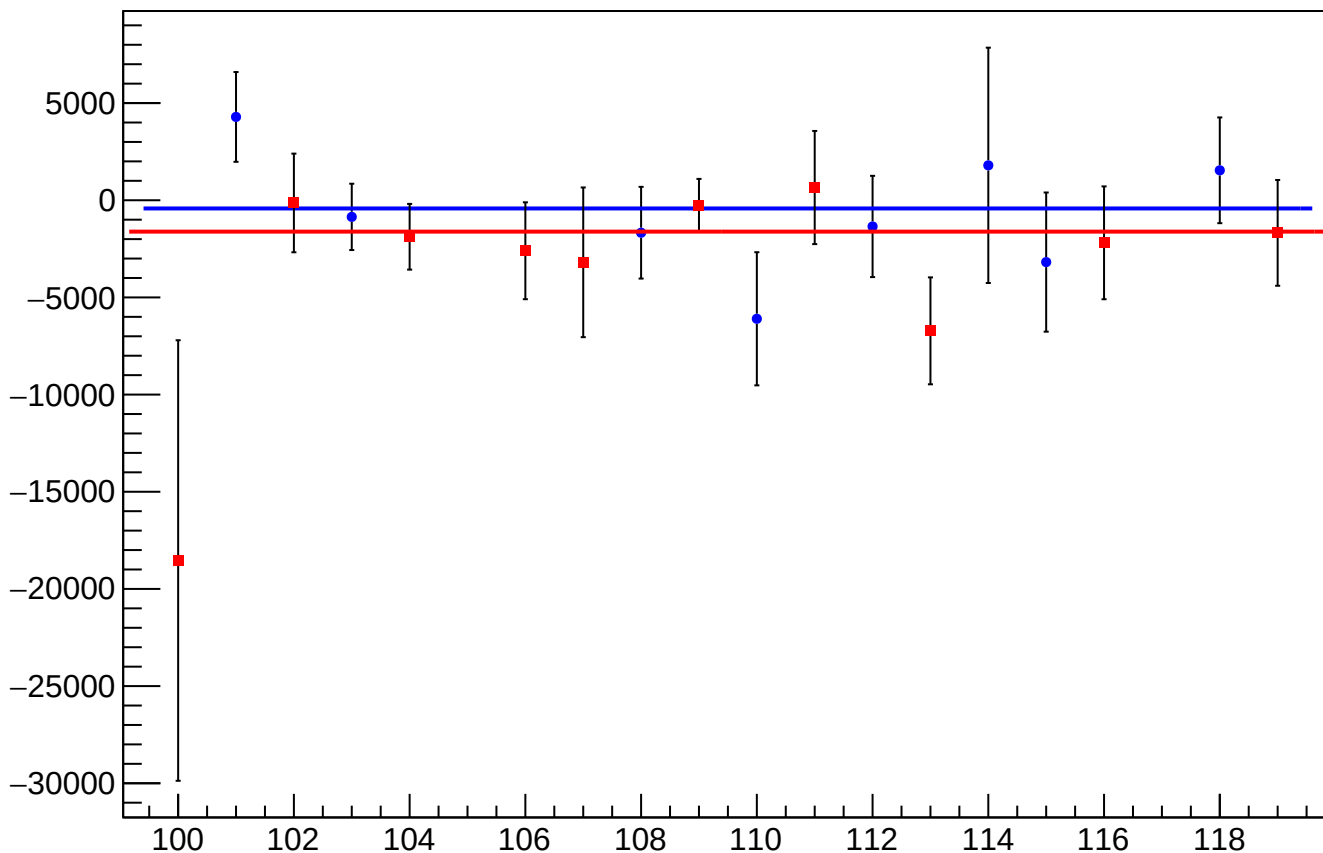
Right: 1546.761+/-0.414 χ^2/NDF : 455434.1/17

In: 1557.918+/-0.621 χ^2/NDF :306978.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1546.761+/-0.414 χ^2/NDF : 455434.1/17

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -422.524+/-919.305 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1614.458+/-747.071 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

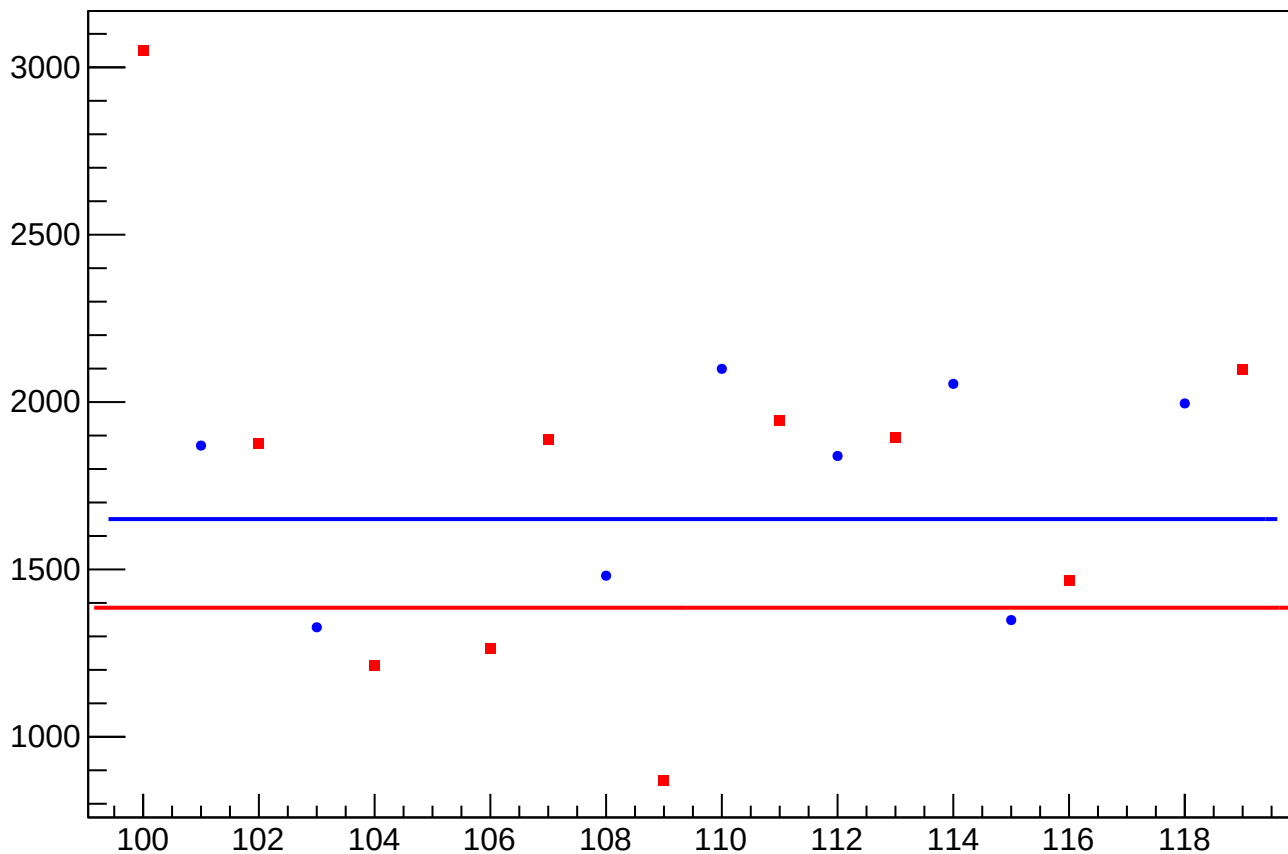
Right: -1140.386+/-579.770 χ^2/NDF : 17.7/17

In: -422.524+/-919.305 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1140.386+/-579.770 χ^2/NDF : 17.7/17

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1650.436+/-0.650 χ^2/NDF : 200279.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1385.681+/-0.528 χ^2/NDF : 748914.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

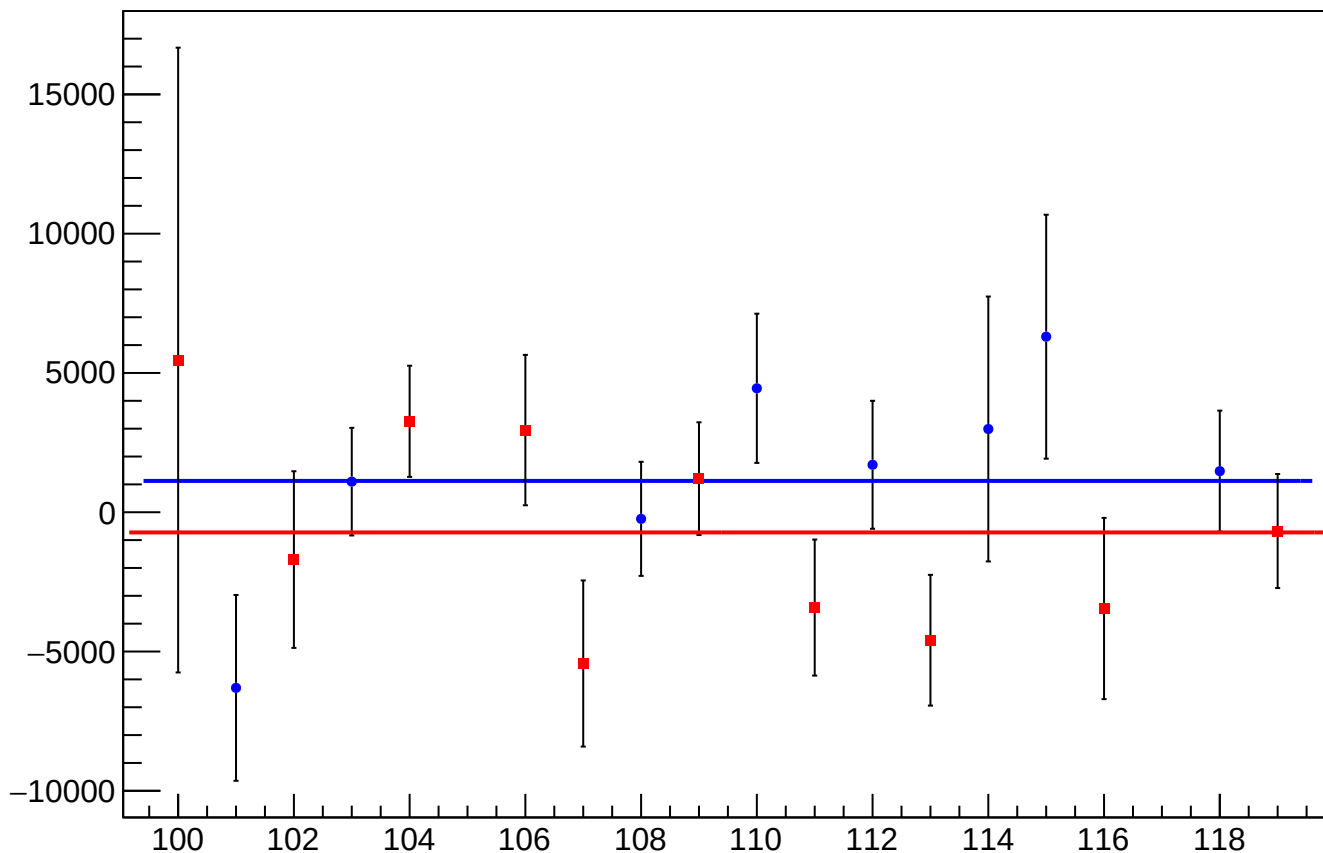
Right: 1490.983+/-0.410 χ^2/NDF : 1049097.9/17

In: 1650.436+/-0.650 χ^2/NDF : 200279.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1490.983+/-0.410 χ^2/NDF : 1049097.9/17

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1124.981+/-900.296 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -724.495+/-807.113 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

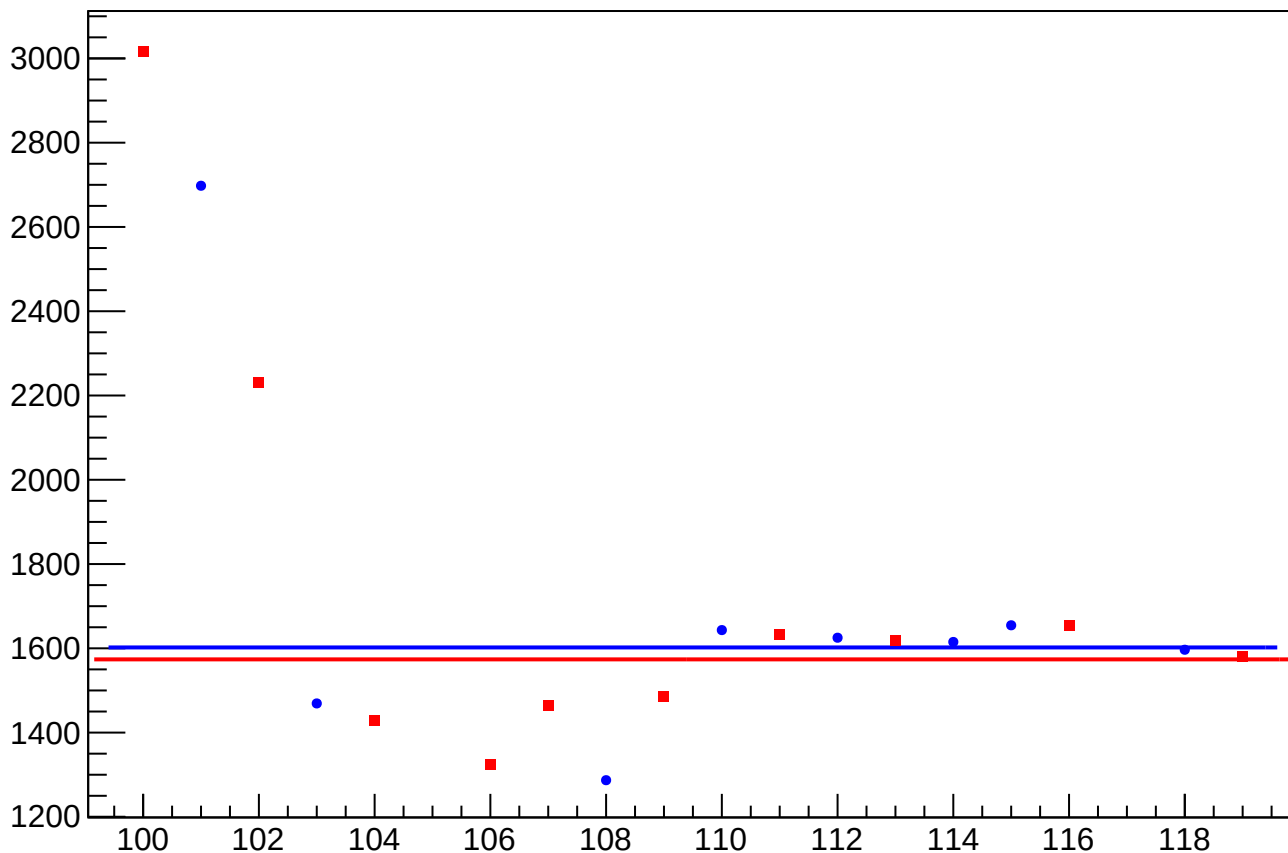
Right: 99.607+/-600.968 χ^2/NDF : 25.2/17

In: 1124.981+/-900.296 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.607+/-600.968 χ^2/NDF : 25.2/17

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1602.091+/-0.637 χ^2/NDF : 273635.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.769+/-0.571 χ^2/NDF : 155767.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

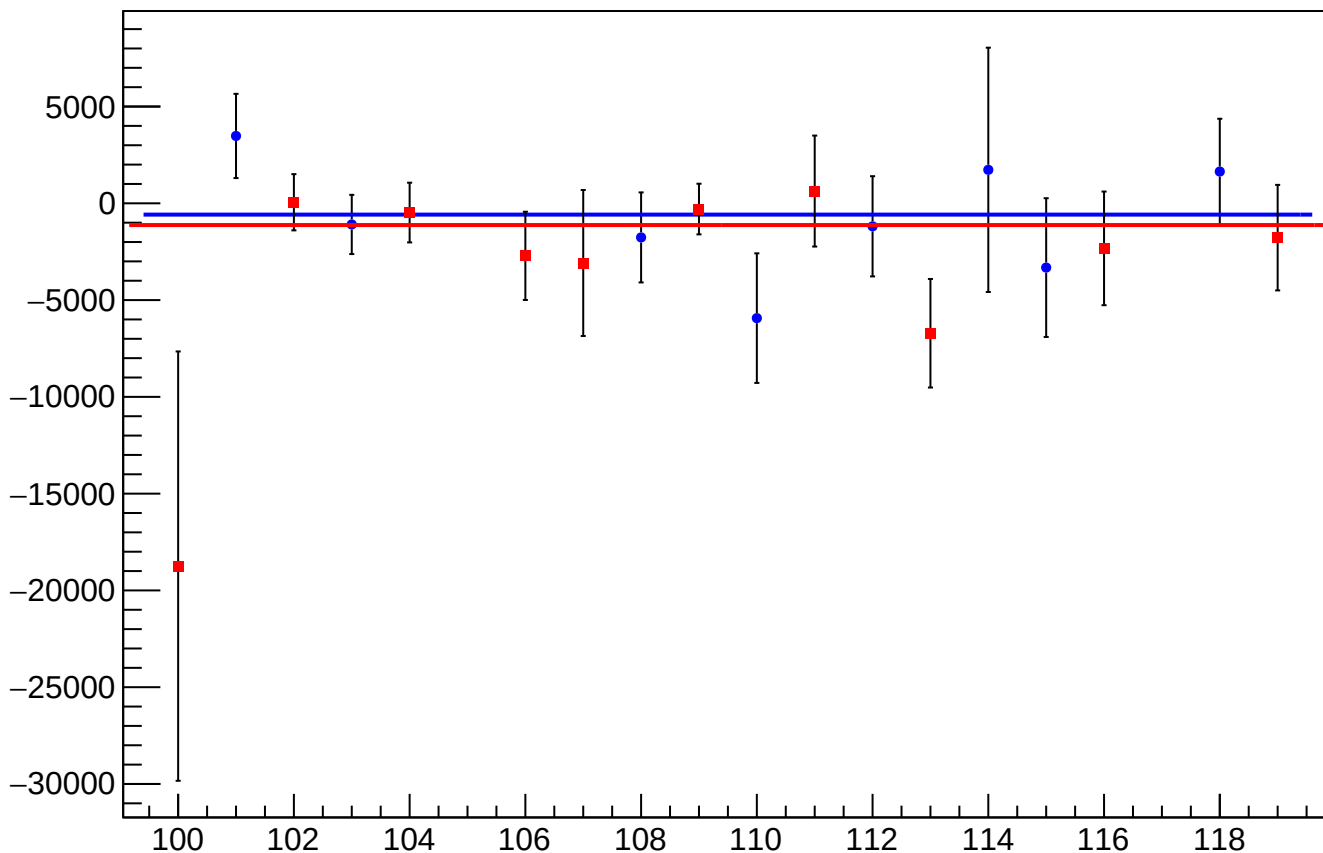
Right: 1586.389+/-0.425 χ^2/NDF : 430500.4/17

In: 1602.091+/-0.637 χ^2/NDF : 273635.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.389+/-0.425 χ^2/NDF : 430500.4/17

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -583.732+/-877.318 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1122.779+/-666.837 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

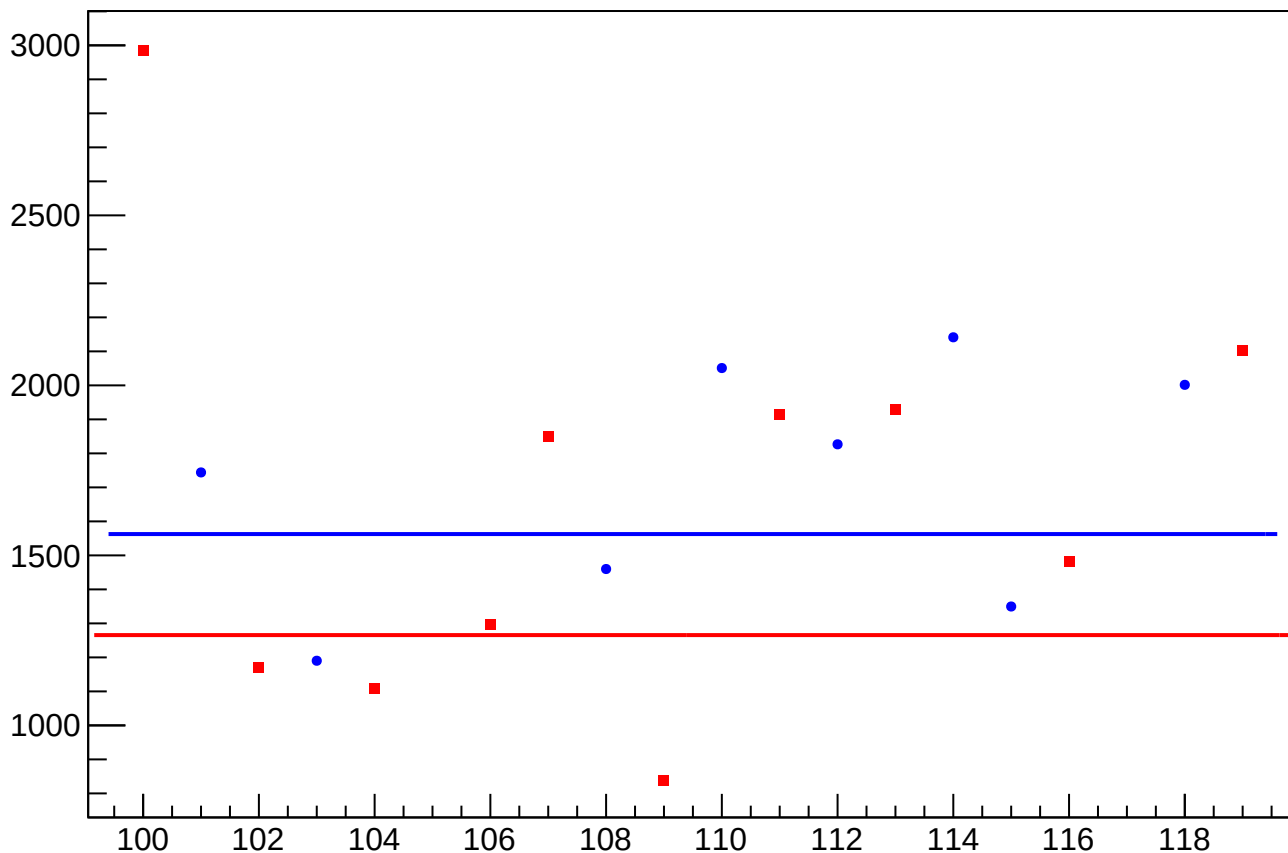
Right: -925.392+/-530.889 χ^2/NDF : 17.2/17

In: -583.732+/-877.318 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -925.392+/-530.889 χ^2/NDF : 17.2/17

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.700+/-0.620 χ^2/NDF : 275390.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.590+/-0.472 χ^2/NDF : 753039.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

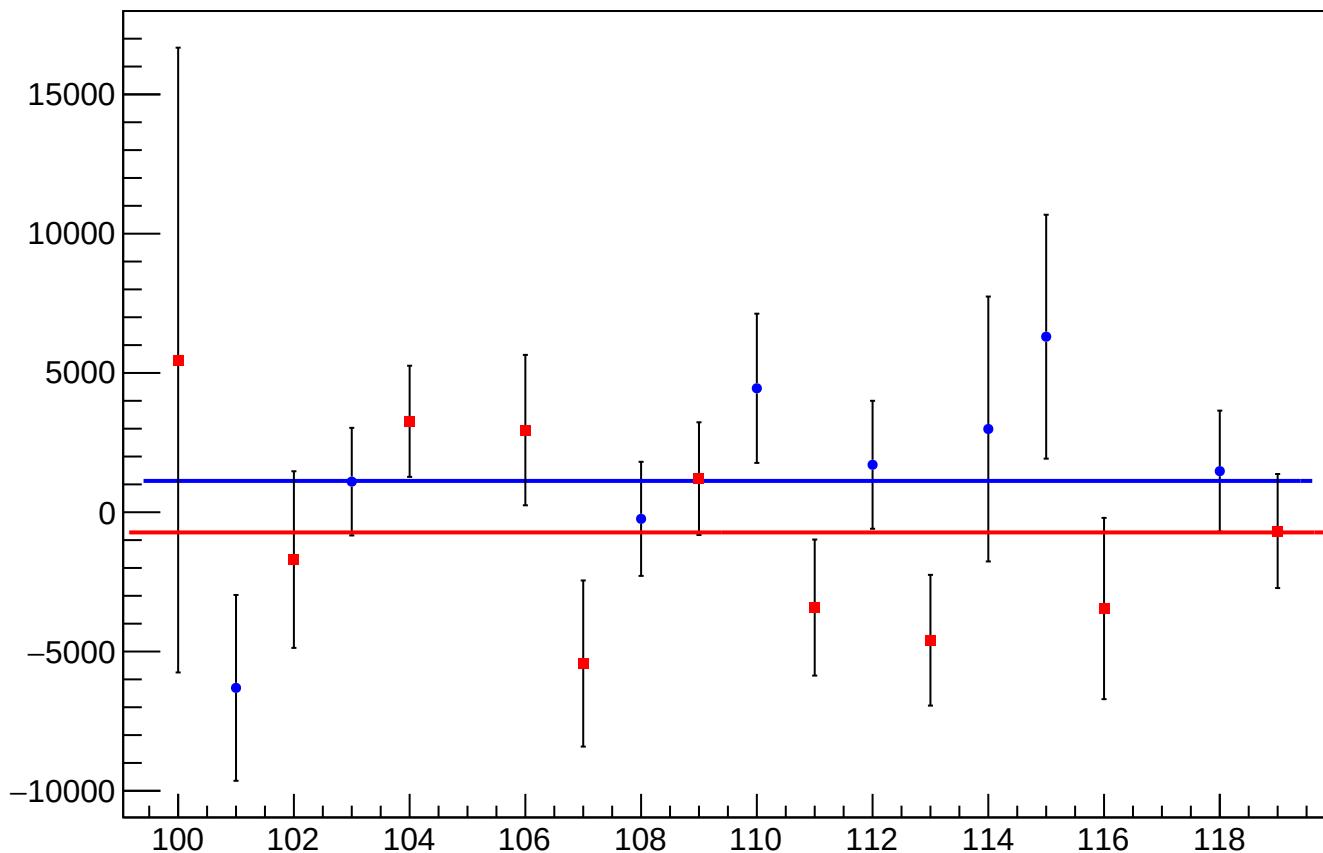
Right: 1374.385+/-0.375 χ^2/NDF : 1173814.0/17

In: 1562.700+/-0.620 χ^2/NDF : 275390.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.385+/-0.375 χ^2/NDF : 1173814.0/17

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1124.973+/-900.296 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -724.496+/-807.113 χ^2/NDF : 14.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

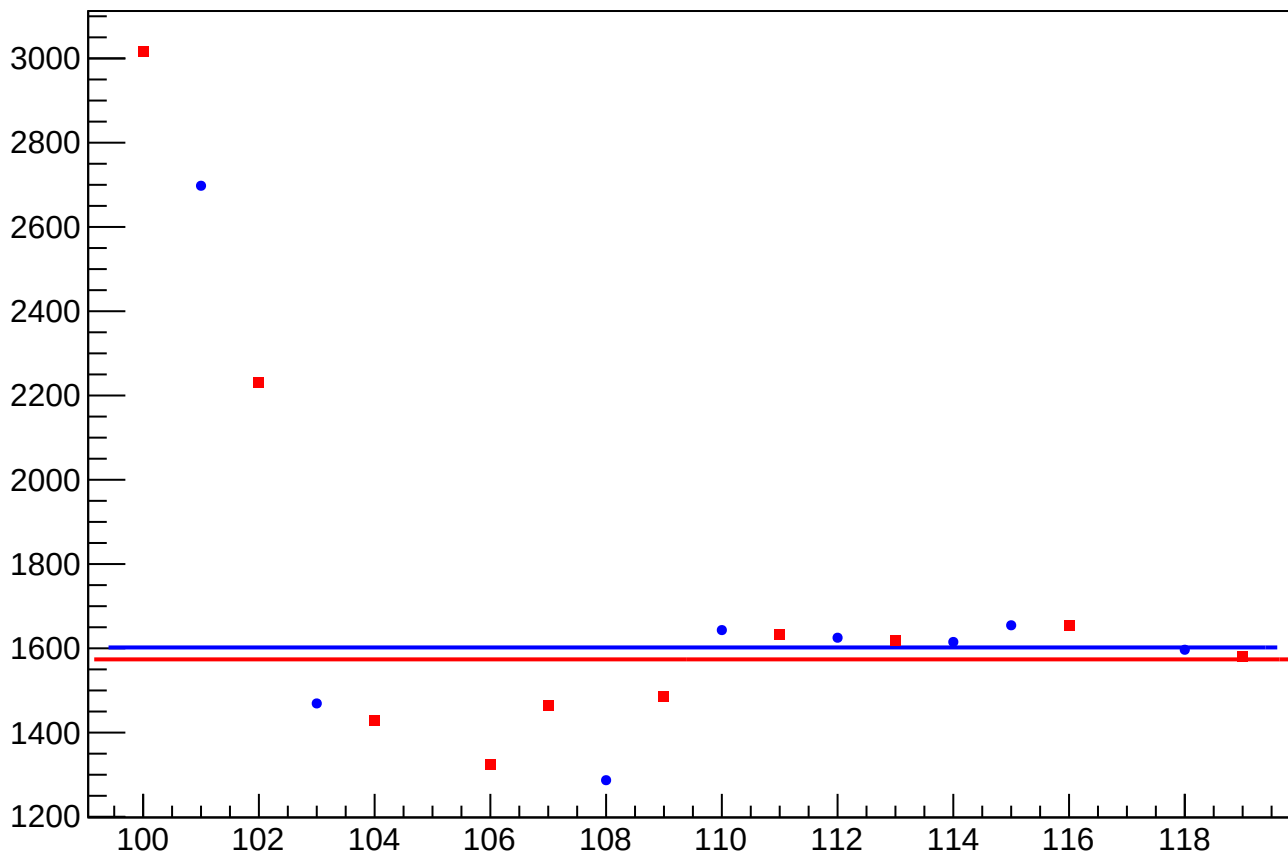
Right: 99.602+/-600.968 χ^2/NDF : 25.2/17

In: 1124.973+/-900.296 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.602+/-600.968 χ^2/NDF : 25.2/17

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1602.091+/-0.637 χ^2/NDF : 273635.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1573.769+/-0.571 χ^2/NDF : 155767.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

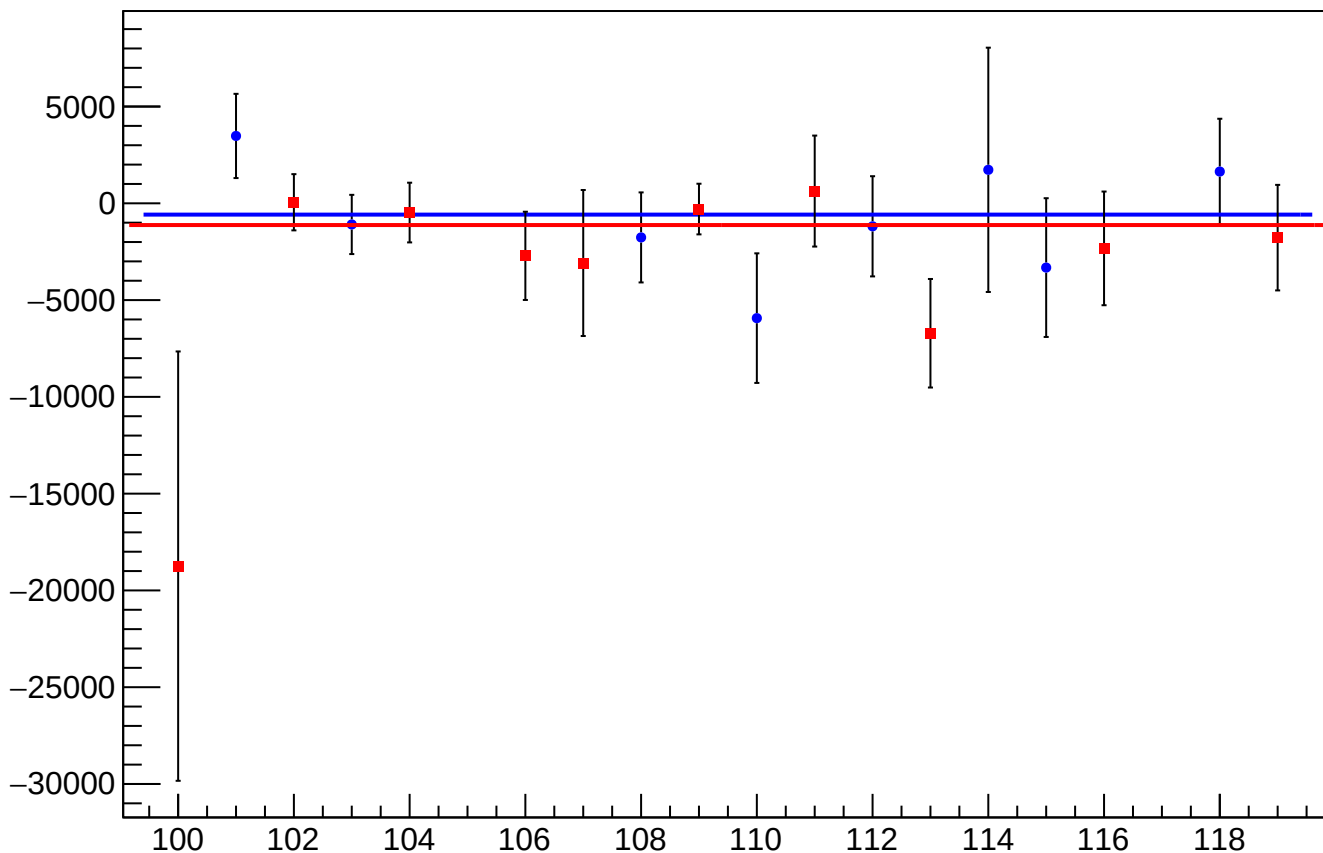
Right: 1586.389+/-0.425 χ^2/NDF : 430500.2/17

In: 1602.091+/-0.637 χ^2/NDF : 273635.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.389+/-0.425 χ^2/NDF : 430500.2/17

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -583.733+/-877.317 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1122.783+/-666.839 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

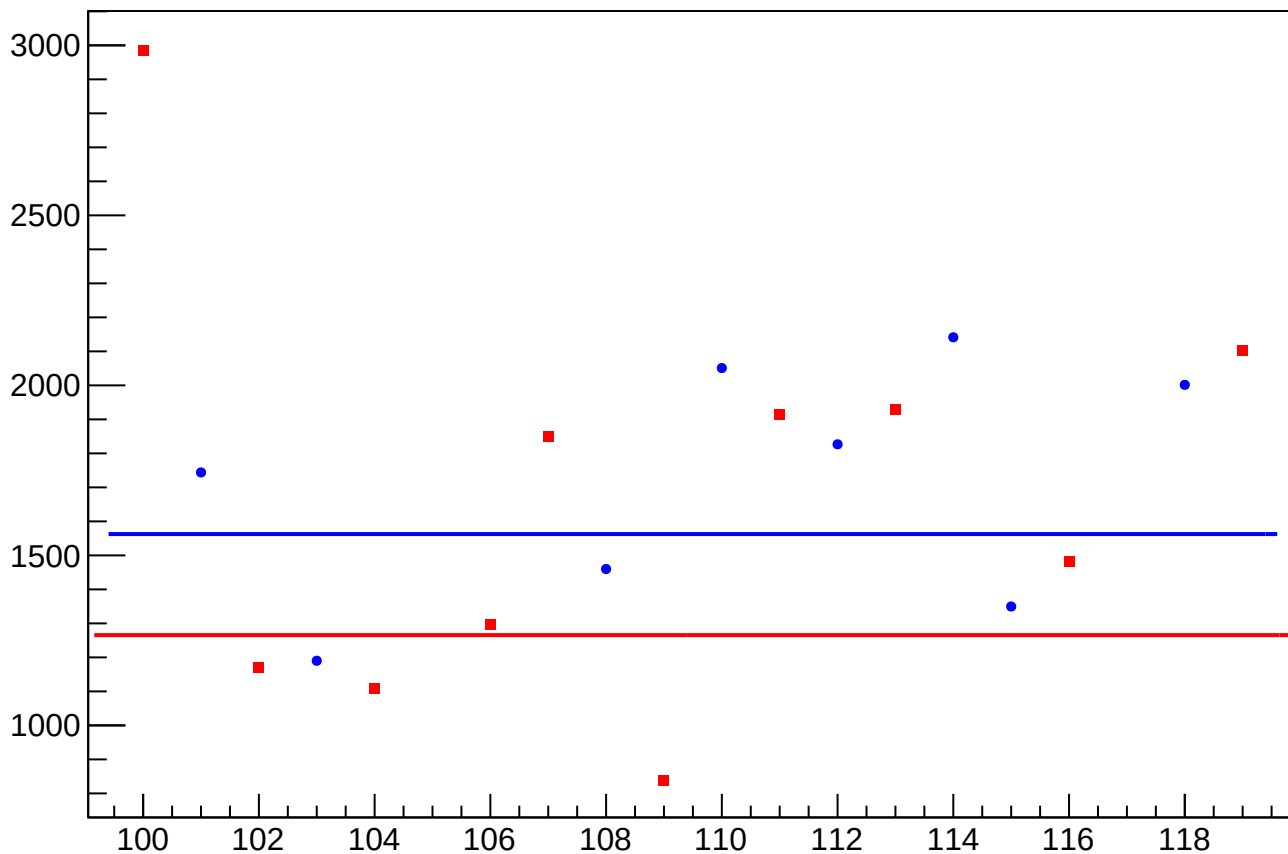
Right: -925.394+/-530.889 χ^2/NDF : 17.2/17

In: -583.733+/-877.317 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -925.394+/-530.889 χ^2/NDF : 17.2/17

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1562.698+/-0.620 χ^2/NDF : 275386.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1265.596+/-0.472 χ^2/NDF : 753021.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

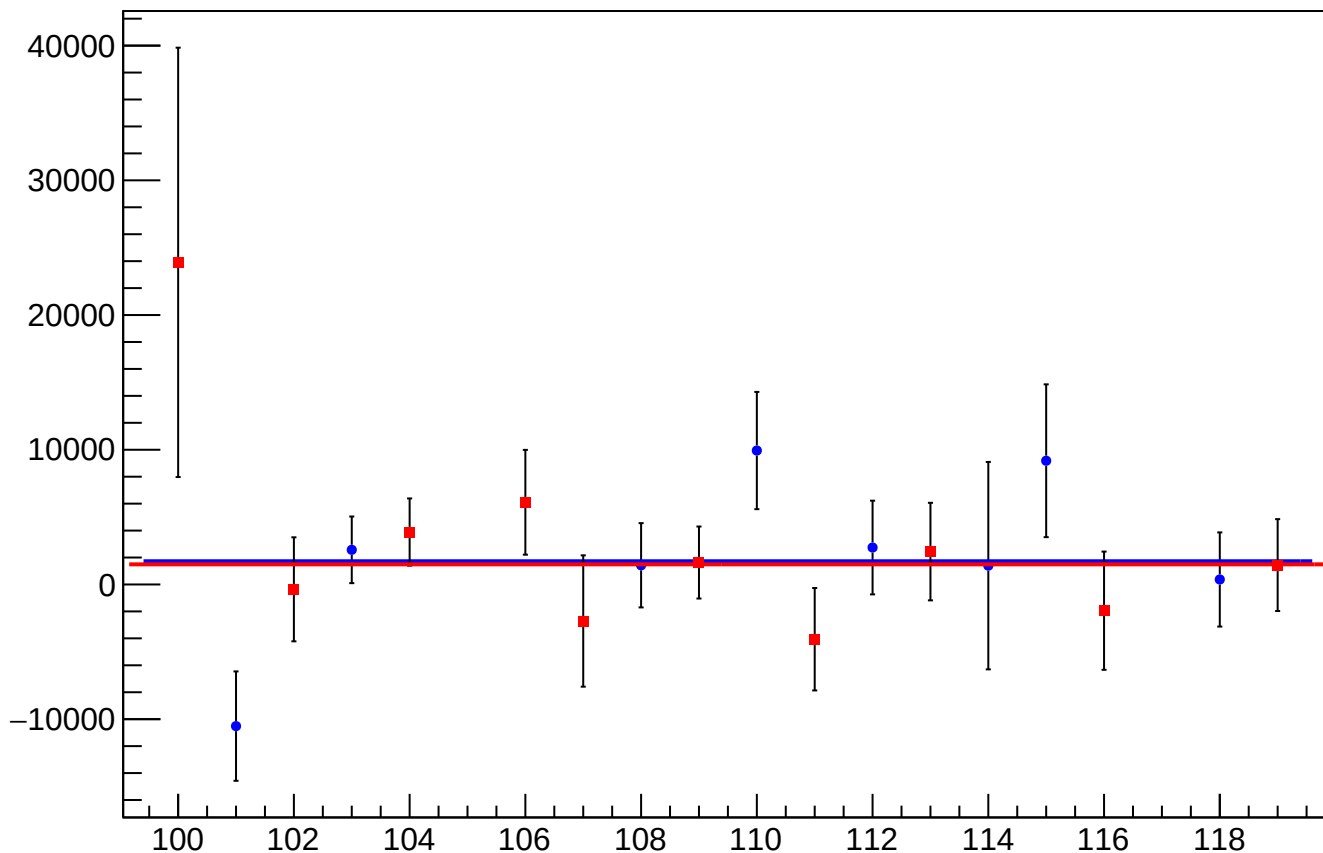
Right: 1374.389+/-0.375 χ^2/NDF : 1173785.0/17

In: 1562.698+/-0.620 χ^2/NDF : 275386.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1374.389+/-0.375 χ^2/NDF : 1173785.0/17

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1722.458+/-1300.057 χ^2/NDF : 14.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.121+/-1144.587 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

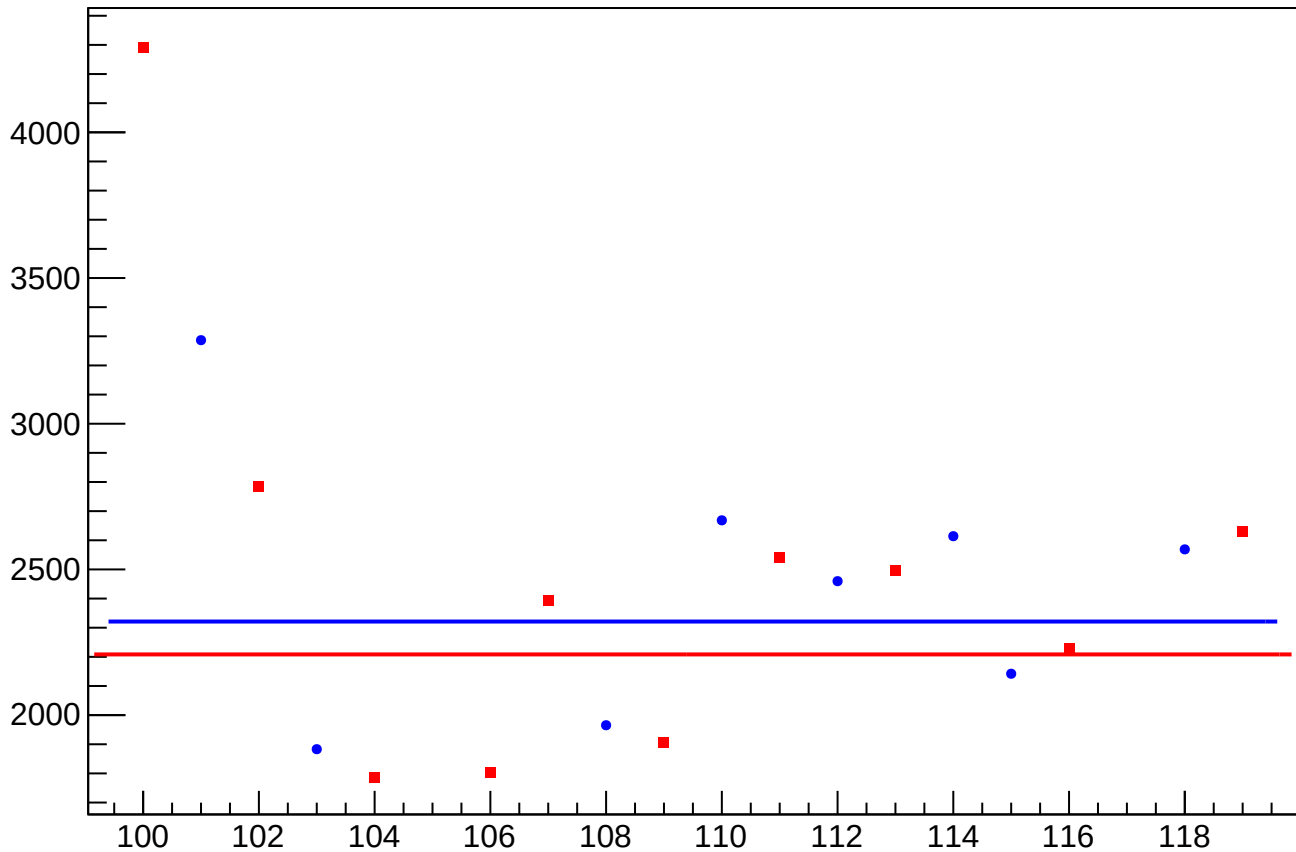
Right: 1593.264+/-859.081 χ^2/NDF : 22.9/17

In: 1722.458+/-1300.057 χ^2/NDF : 14.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.264+/-859.081 χ^2/NDF : 22.9/17

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2321.170+/-0.919 χ^2/NDF : 232606.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2208.322+/-0.809 χ^2/NDF : 244721.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

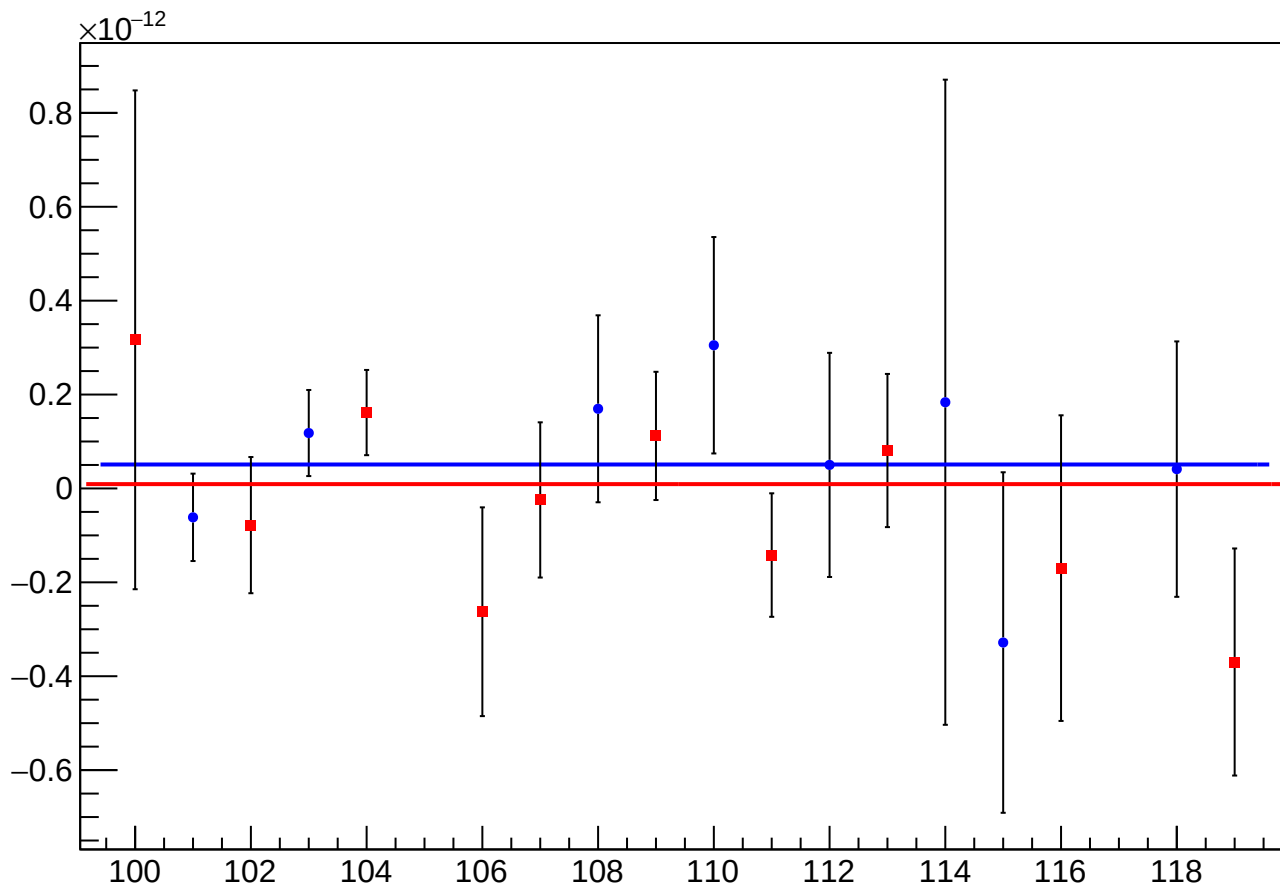
Right: 2257.598+/-0.607 χ^2/NDF : 485817.5/17

In: 2321.170+/-0.919 χ^2/NDF : 232606.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2257.598+/-0.607 χ^2/NDF : 485817.5/17

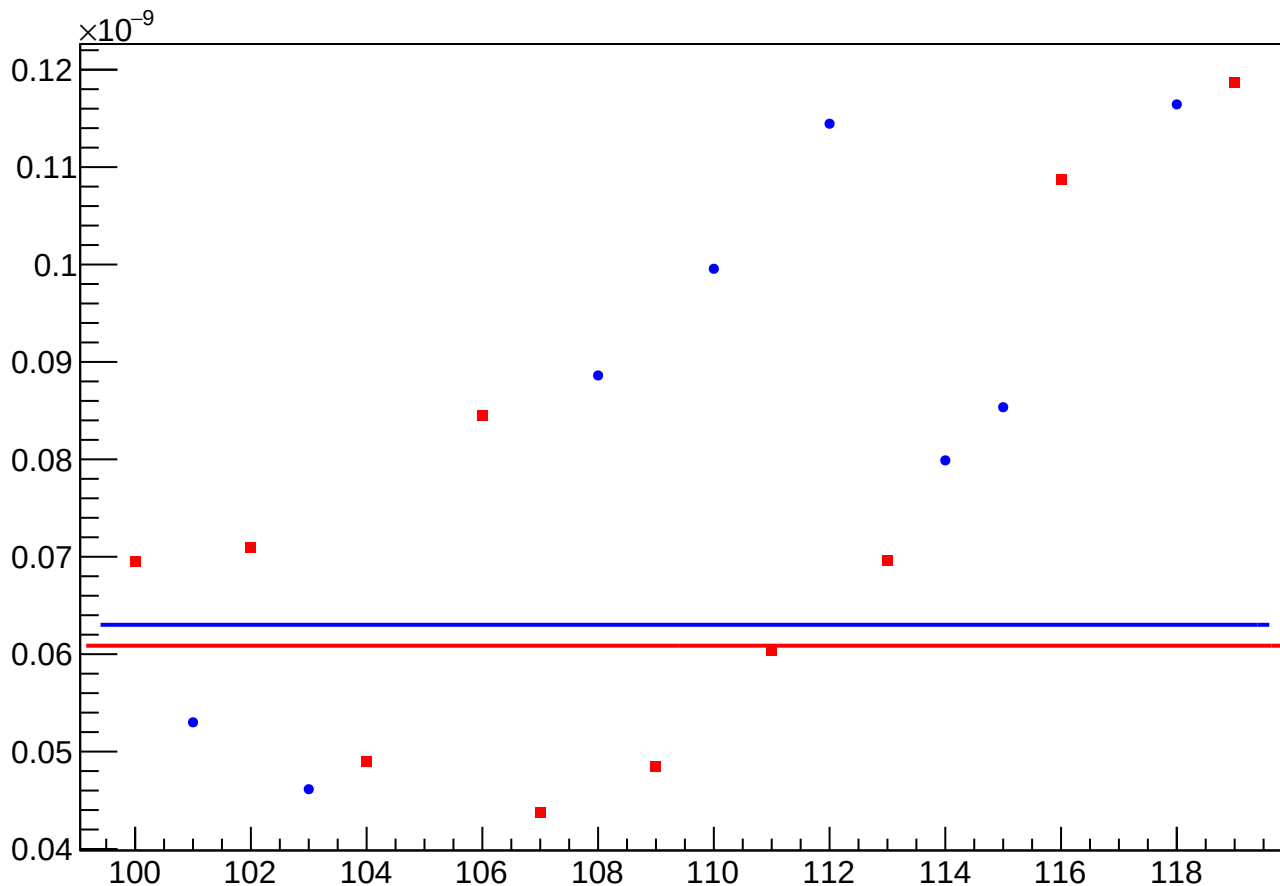
asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.9/17
 In: 0.000+/-0.000 χ^2/NDF : 4.7/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.9/17

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 352988.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 268279.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

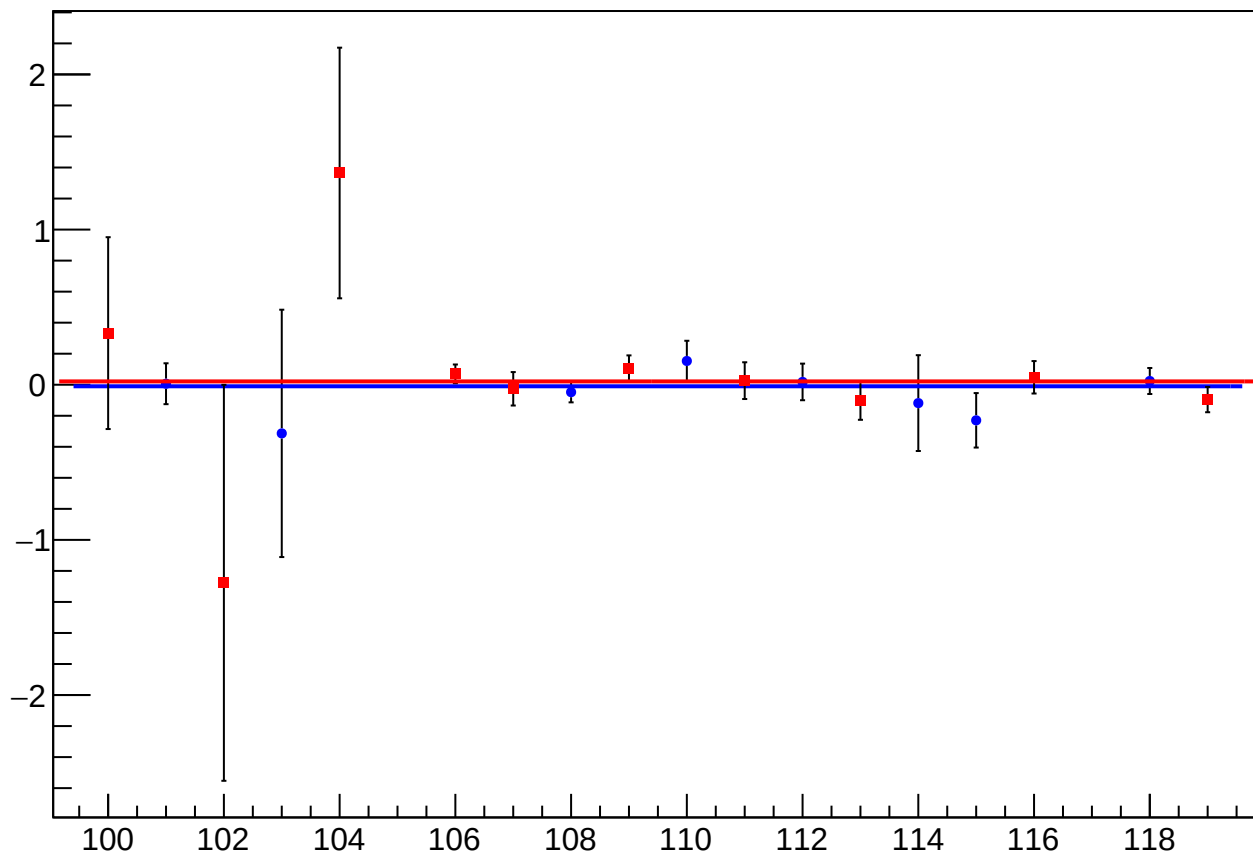
Right: 0.000+/-0.000 χ^2/NDF : 622910.1/17

In: 0.000+/-0.000 χ^2/NDF : 352988.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 622910.1/17

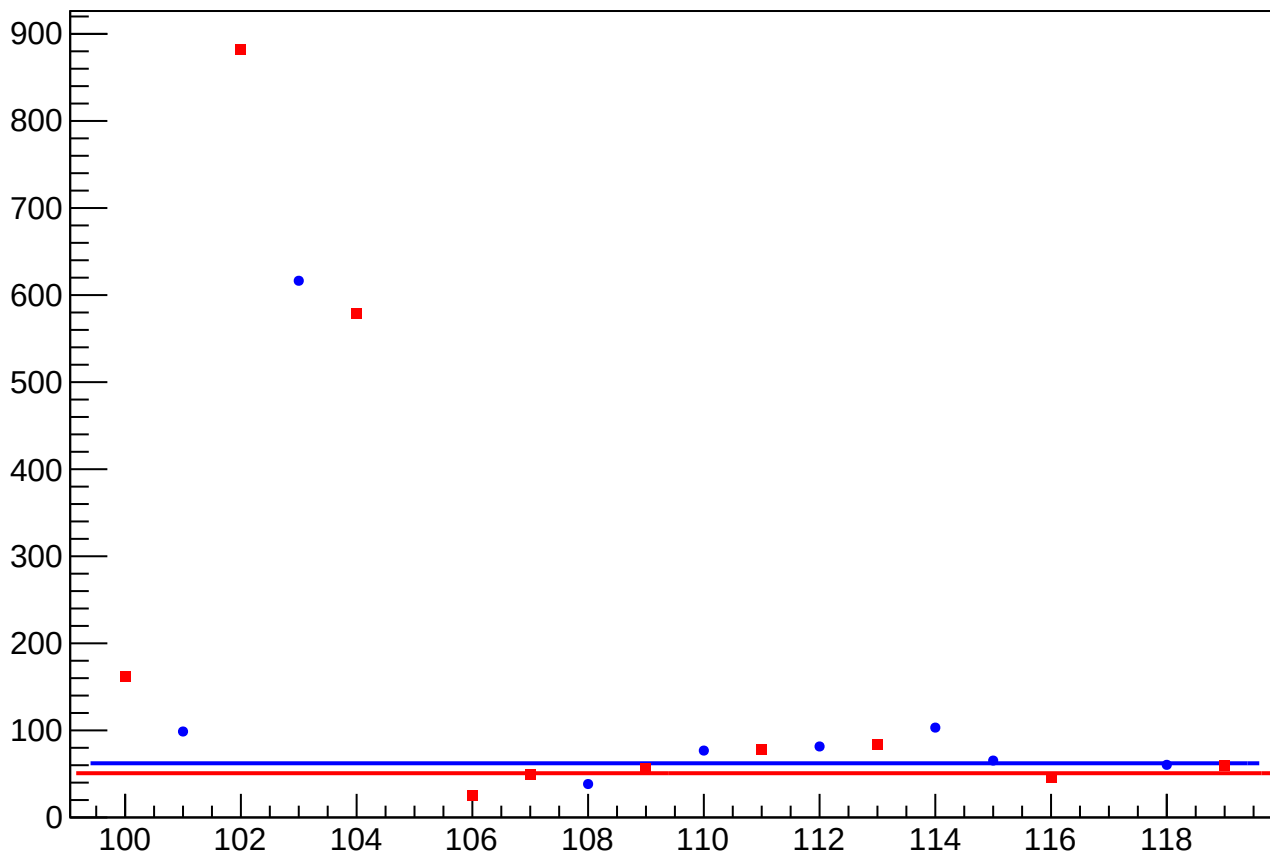
asym_at2_dd_dit_vs_Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.041 χ^2 /NDF: 4.0/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.021 $\pm$ 0.034 χ^2 /NDF: 9.0/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.3/17
 In: -0.010 $\pm$ 0.041 χ^2 /NDF:4.0/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.009 $\pm$ 0.026 χ^2 /NDF: 13.3/17

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.227+/-0.029 χ^2/NDF : 1497849.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.816+/-0.024 χ^2/NDF : 2416020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

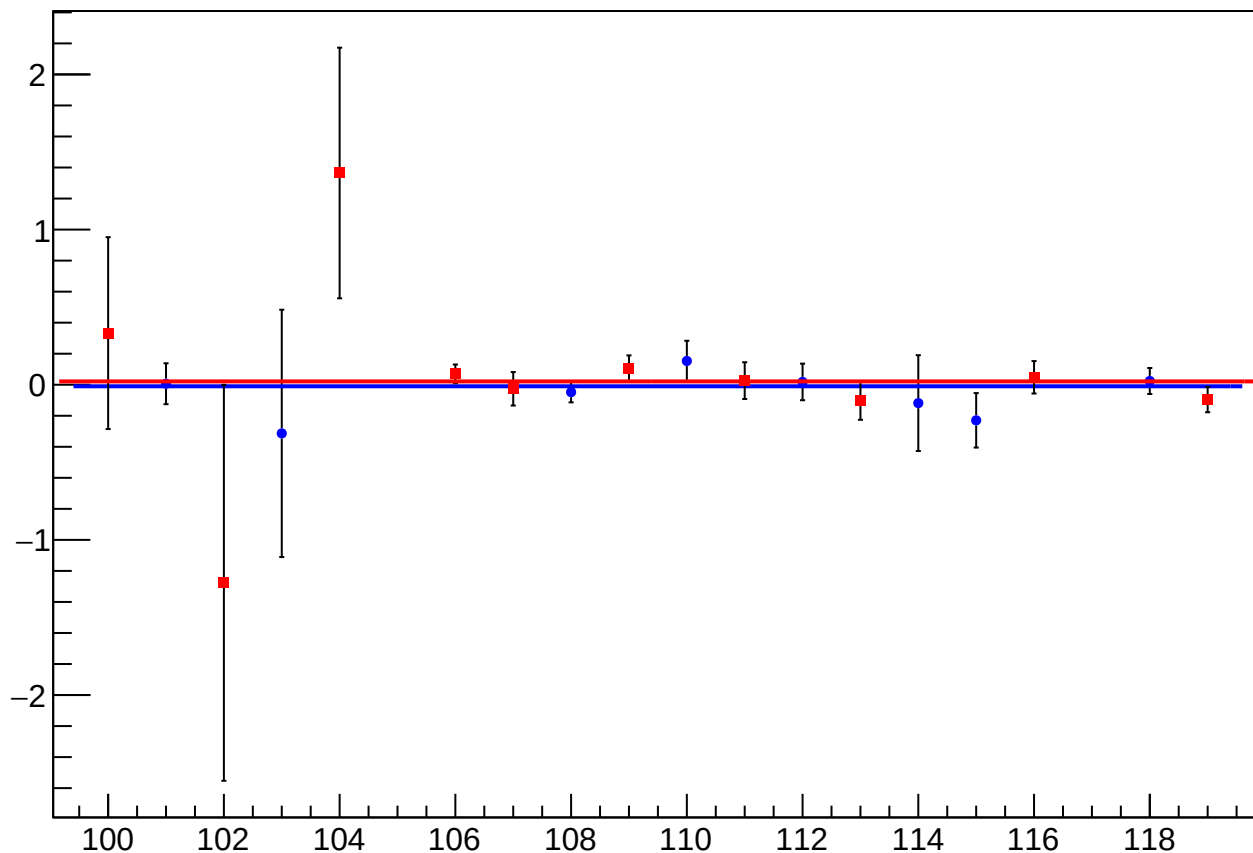
Right: 55.454+/-0.018 χ^2/NDF : 4007547.3/17

In: 62.227+/-0.029 χ^2/NDF : 1497849.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.454+/-0.018 χ^2/NDF : 4007547.3/17

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.041 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.034 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

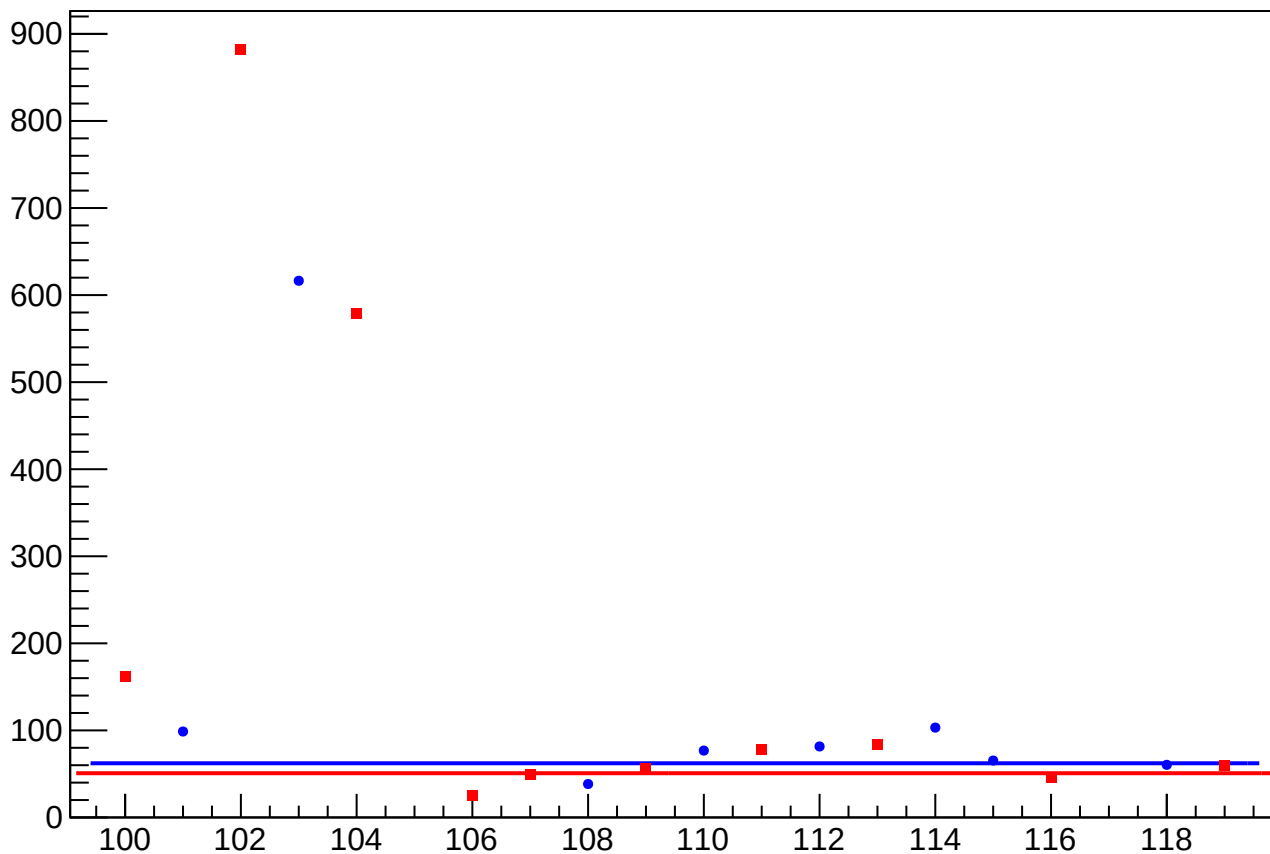
Right: 0.009+/-0.026 χ^2/NDF : 13.3/17

In: -0.010+/-0.041 χ^2/NDF :4.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.026 χ^2/NDF : 13.3/17

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.227+/-0.029 χ^2/NDF : 1497849.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.816+/-0.024 χ^2/NDF : 2416020.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

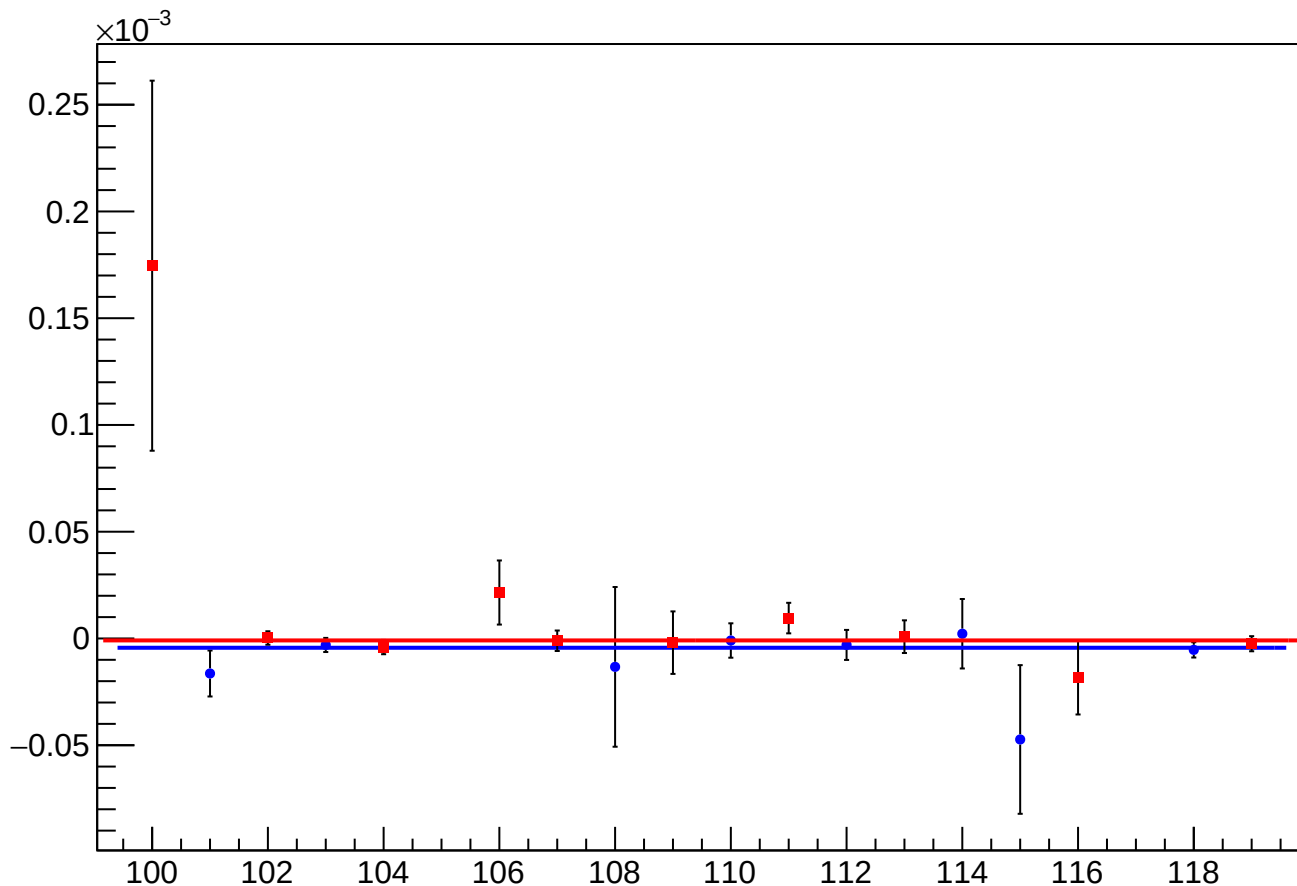
Right: 55.454+/-0.018 χ^2/NDF : 4007547.3/17

In: 62.227+/-0.029 χ^2/NDF : 1497849.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.454+/-0.018 χ^2/NDF : 4007547.3/17

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 3.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.7/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

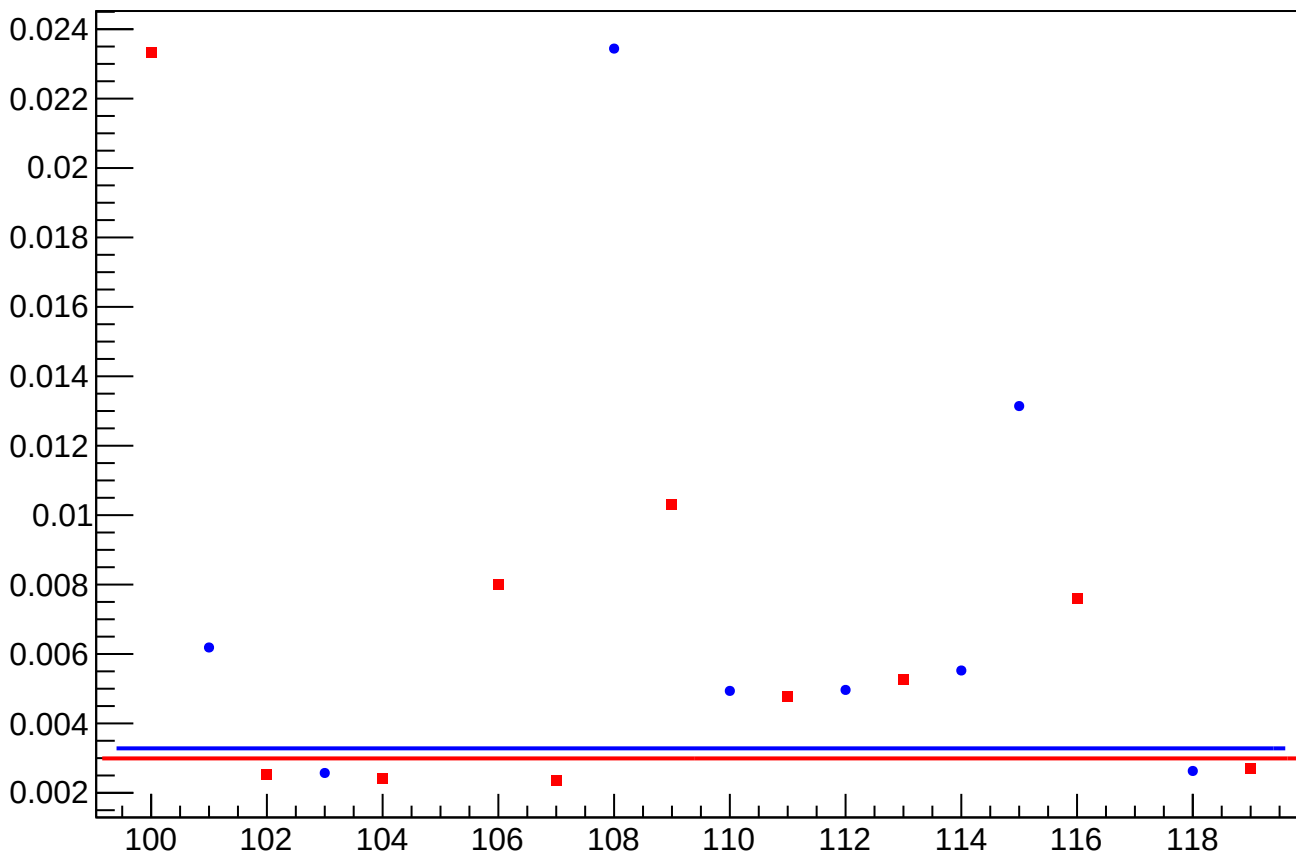
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 15.8/17

In: -0.000 $\pm$ 0.000 χ^2/NDF : 3.4/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 15.8/17

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1282526.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1427840.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

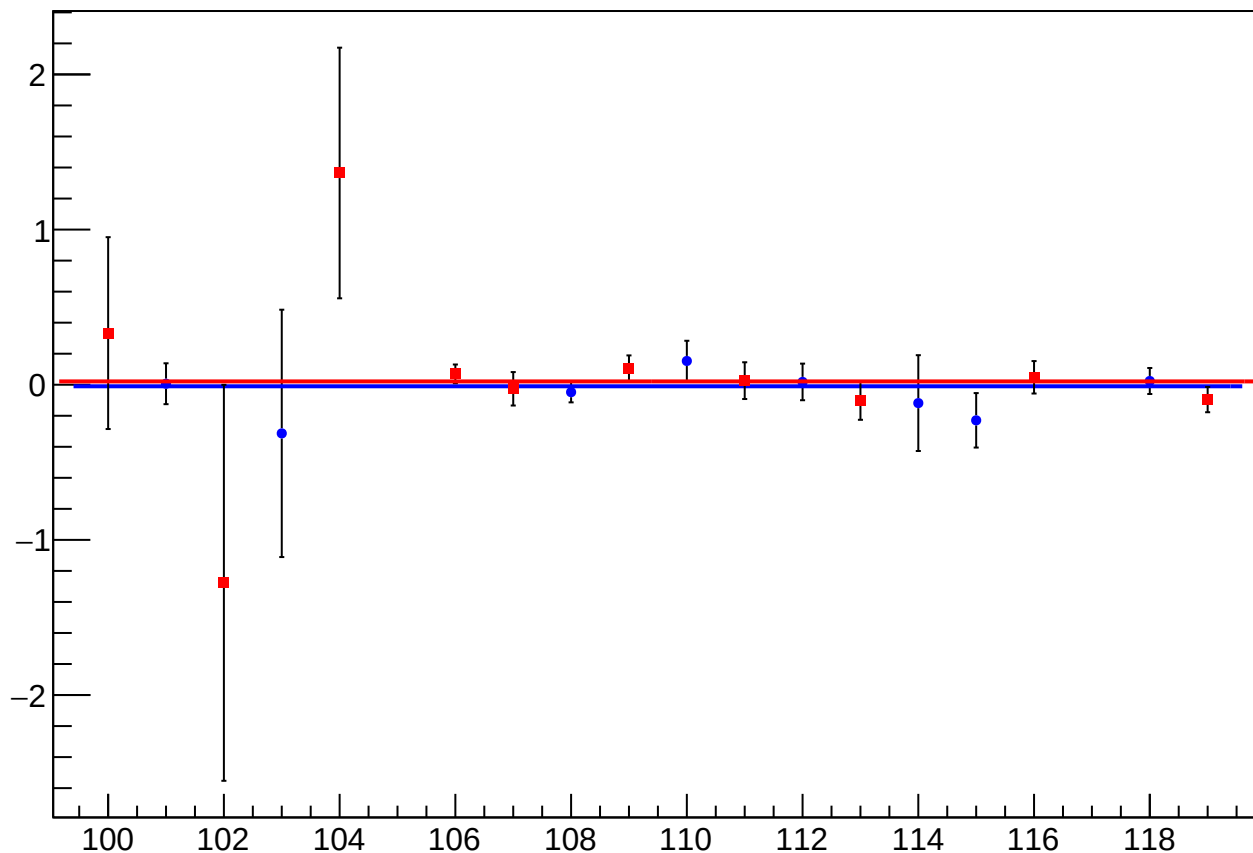
Right: 0.003+/-0.000 χ^2/NDF : 2733312.8/17

In: 0.003+/-0.000 χ^2/NDF : 1282526.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2733312.8/17

asym_at2_dd_eigen_dit_vs_slug, Sign Corrected



Right In: -0.010+/-0.041 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.034 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

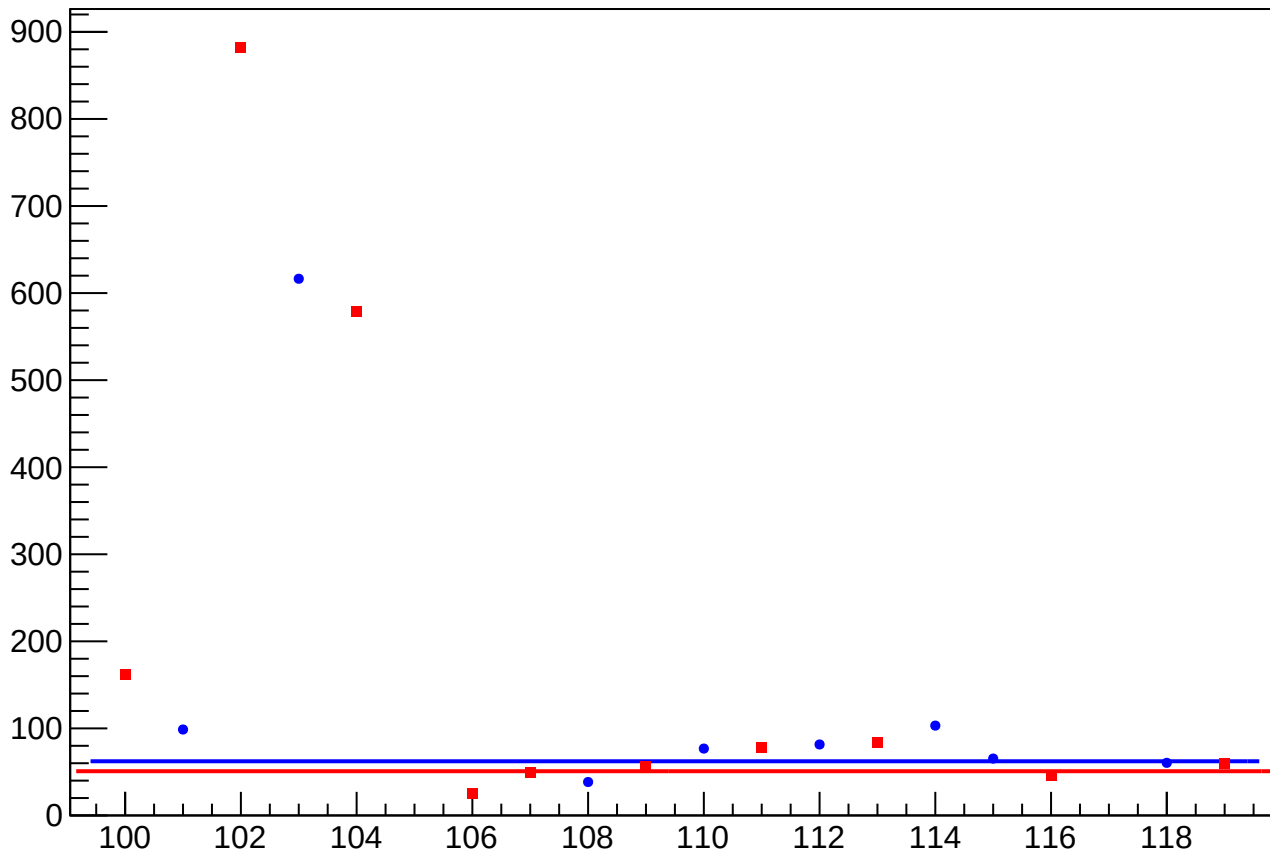
Right: 0.009+/-0.026 χ^2/NDF : 13.3/17

In: -0.010+/-0.041 χ^2/NDF :4.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.026 χ^2/NDF : 13.3/17

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.242+/-0.029 χ^2/NDF : 1497254.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.809+/-0.024 χ^2/NDF : 2416441.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

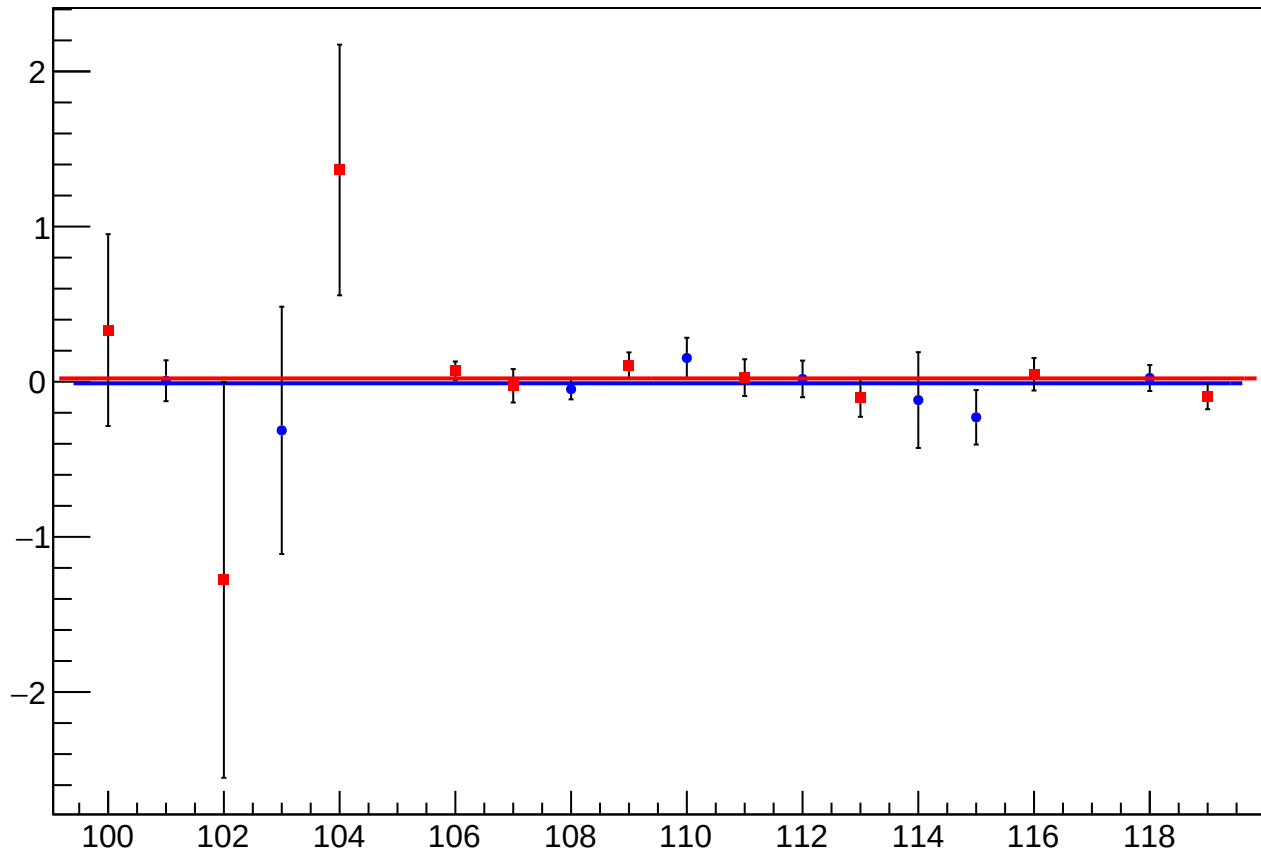
Right: 55.455+/-0.018 χ^2/NDF : 4007709.4/17

In: 62.242+/-0.029 χ^2/NDF : 1497254.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.455+/-0.018 χ^2/NDF : 4007709.4/17

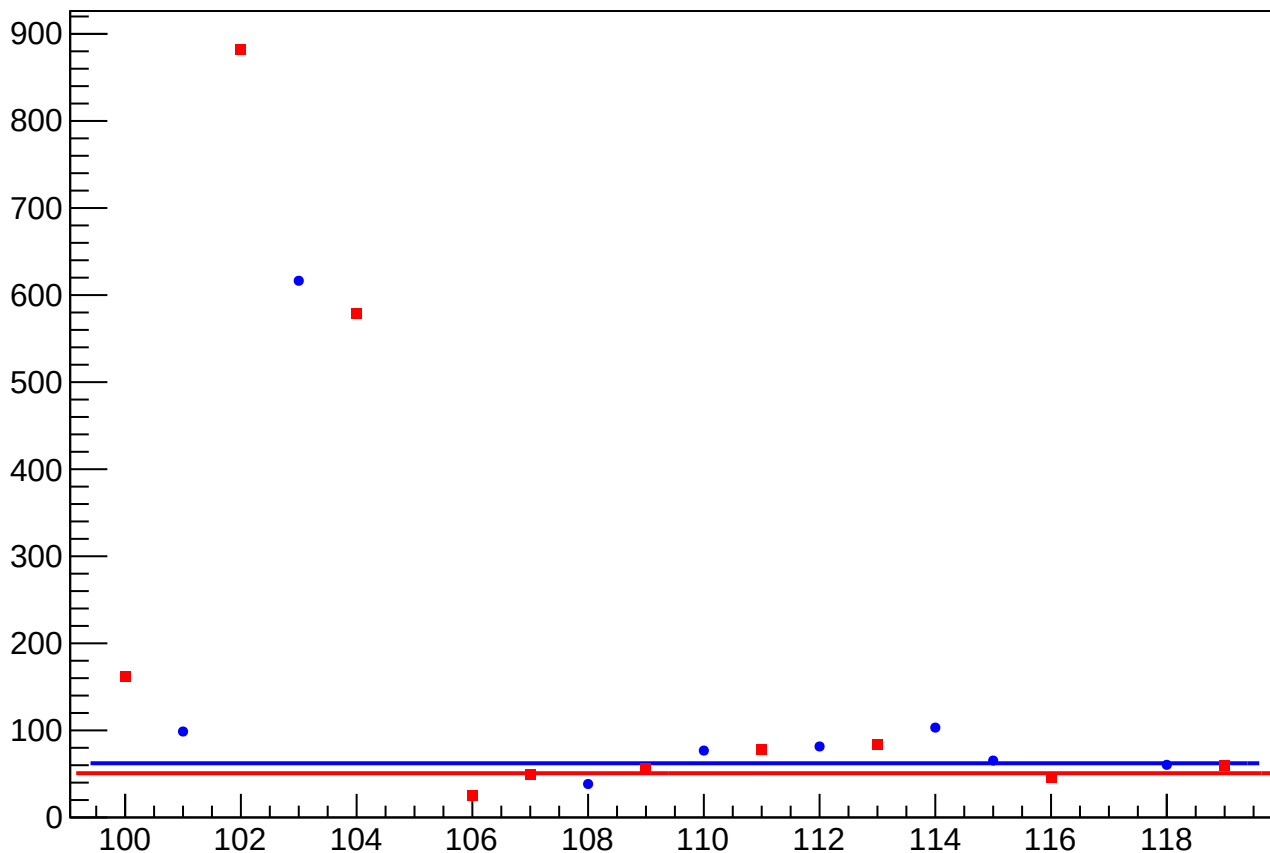
asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.041 χ^2/NDF : 4.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.021+/-0.034 χ^2/NDF : 9.0/9
 Left 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+/-0.026 χ^2/NDF : 13.3/17
 In: -0.010+/-0.041 χ^2/NDF :4.0/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.009+/-0.026 χ^2/NDF : 13.3/17

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 62.242+/-0.029 χ^2/NDF : 1497254.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.809+/-0.024 χ^2/NDF : 2416441.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

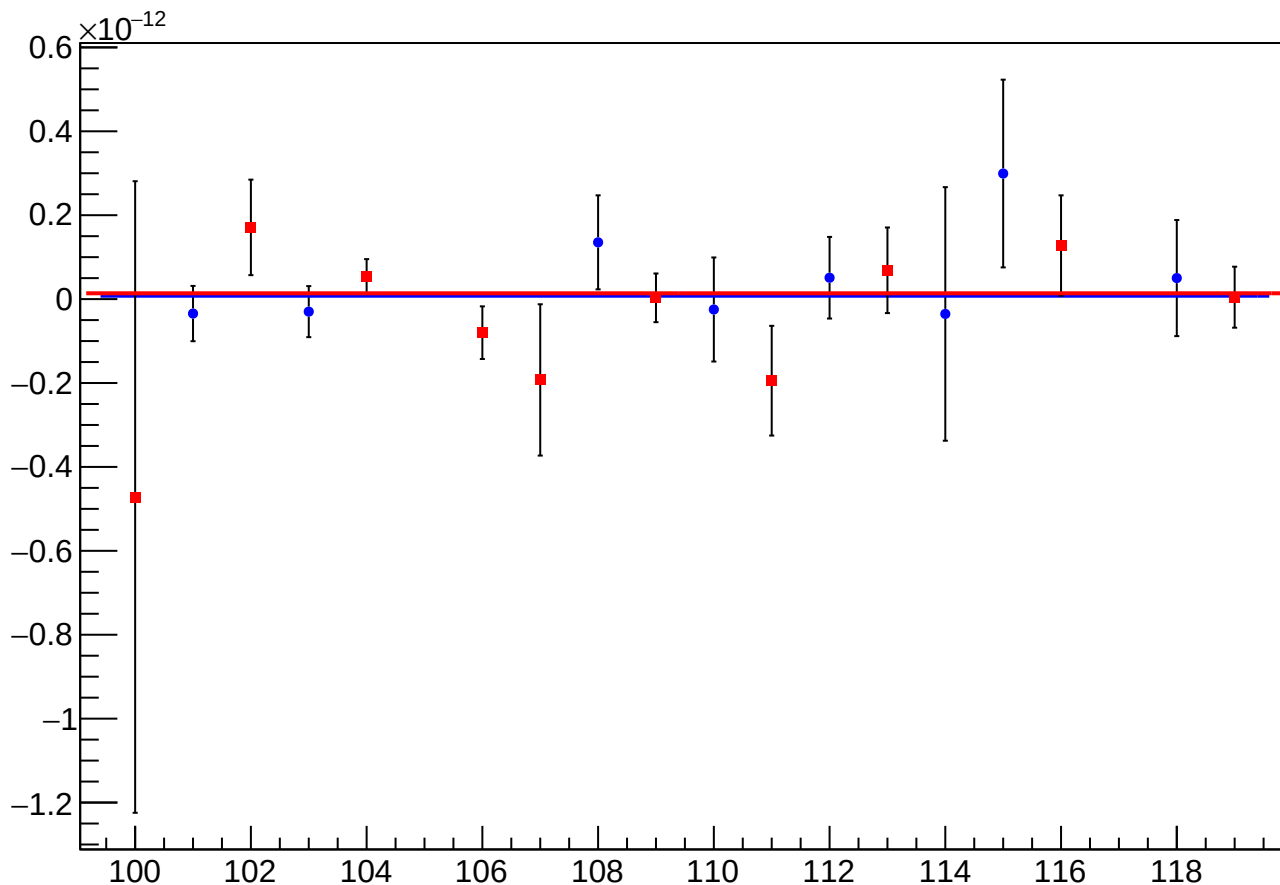
Right: 55.455+/-0.018 χ^2/NDF : 4007709.4/17

In: 62.242+/-0.029 χ^2/NDF : 1497254.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.455+/-0.018 χ^2/NDF : 4007709.4/17

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

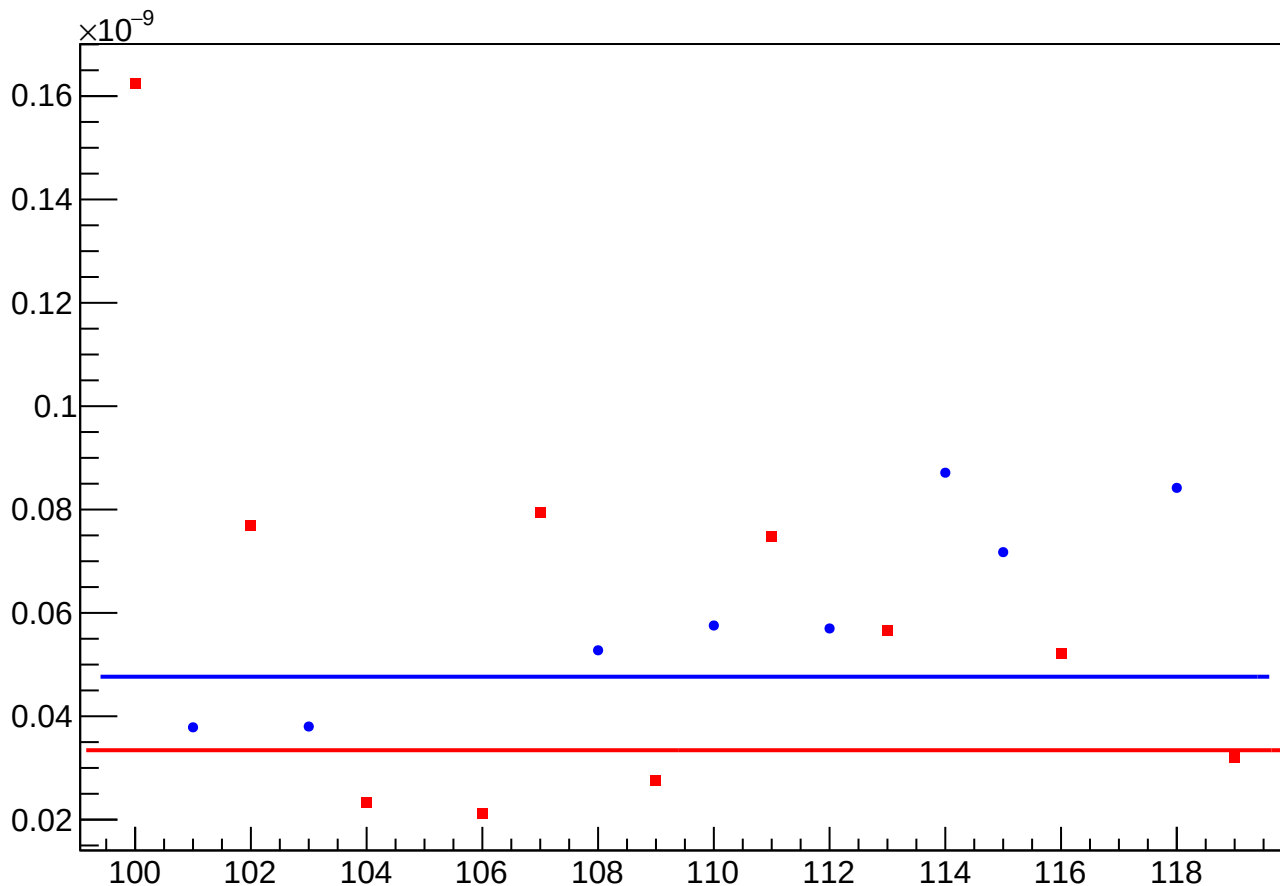
Right: 0.000+/-0.000 χ^2/NDF : 14.7/17

In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/17

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 326612.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1049952.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

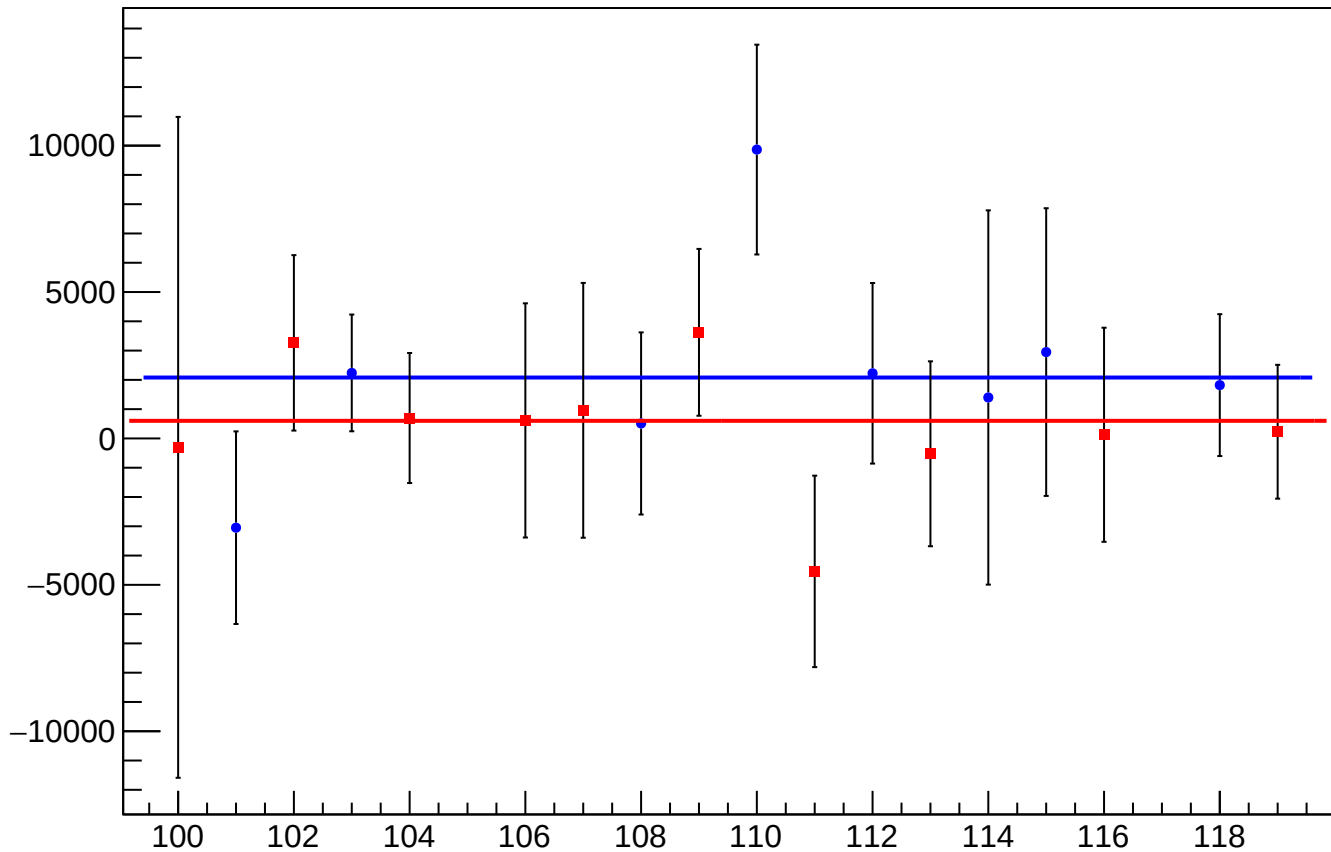
Right: 0.000+/-0.000 χ^2/NDF : 1600744.4/17

In: 0.000+/-0.000 χ^2/NDF : 326612.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1600744.4/17

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2080.346+/-1074.052 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.646+/-989.798 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

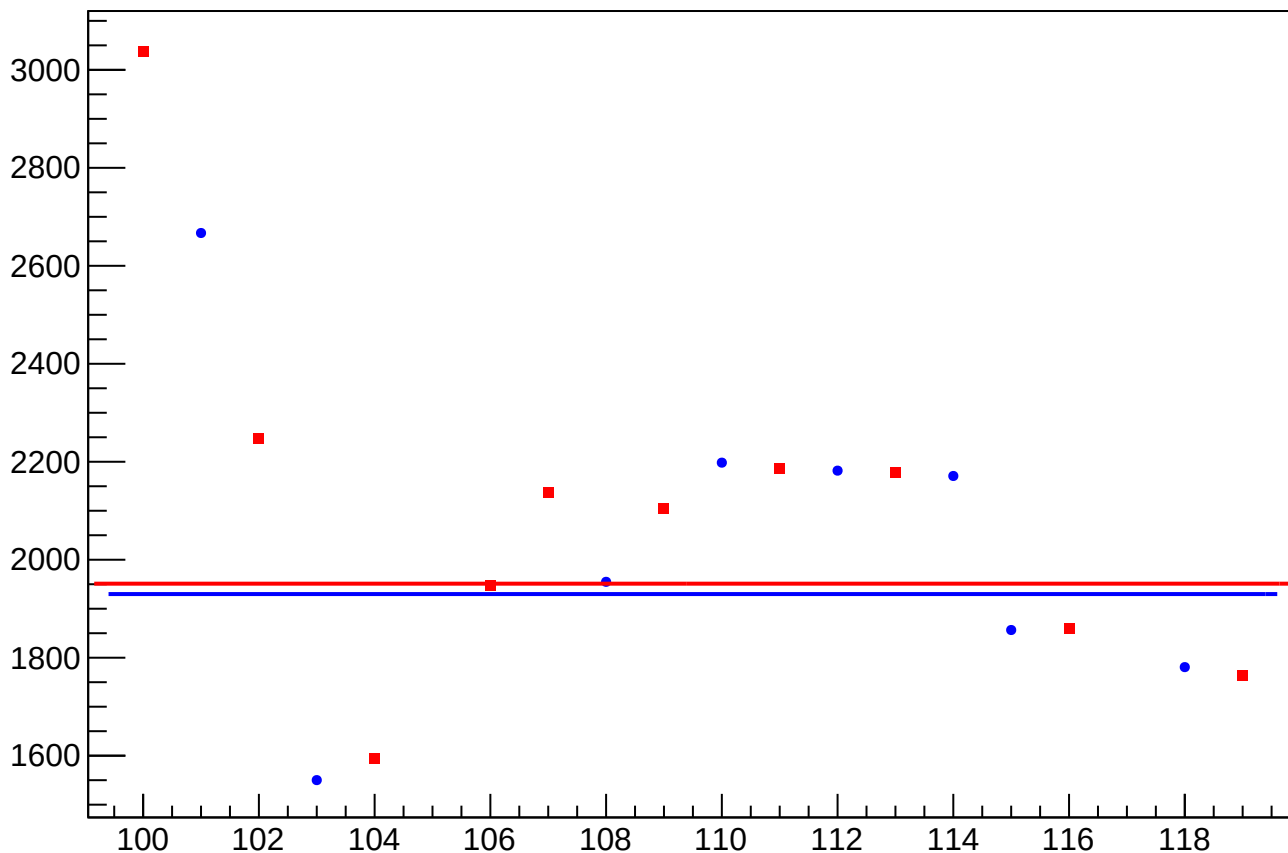
Right: 1280.730+/-727.859 χ^2/NDF : 13.1/17

In: 2080.346+/-1074.052 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1280.730+/-727.859 χ^2/NDF : 13.1/17

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1929.924+/-0.759 χ^2/NDF : 208589.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.140+/-0.697 χ^2/NDF : 134201.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

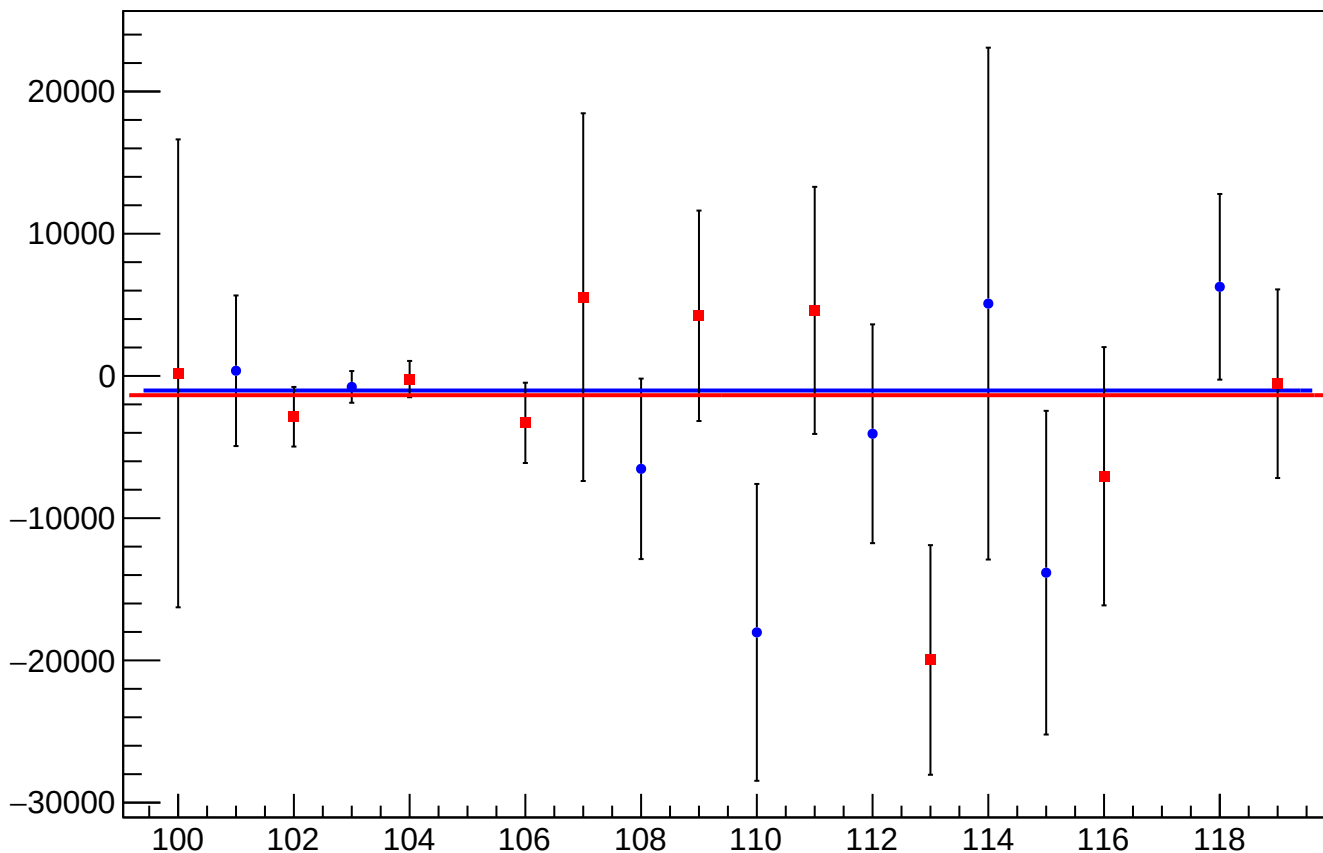
Right: 1941.445+/-0.513 χ^2/NDF : 343214.6/17

In: 1929.924+/-0.759 χ^2/NDF : 208589.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.445+/-0.513 χ^2/NDF : 343214.6/17

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1023.622+/-1039.120 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1354.175+/-971.717 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

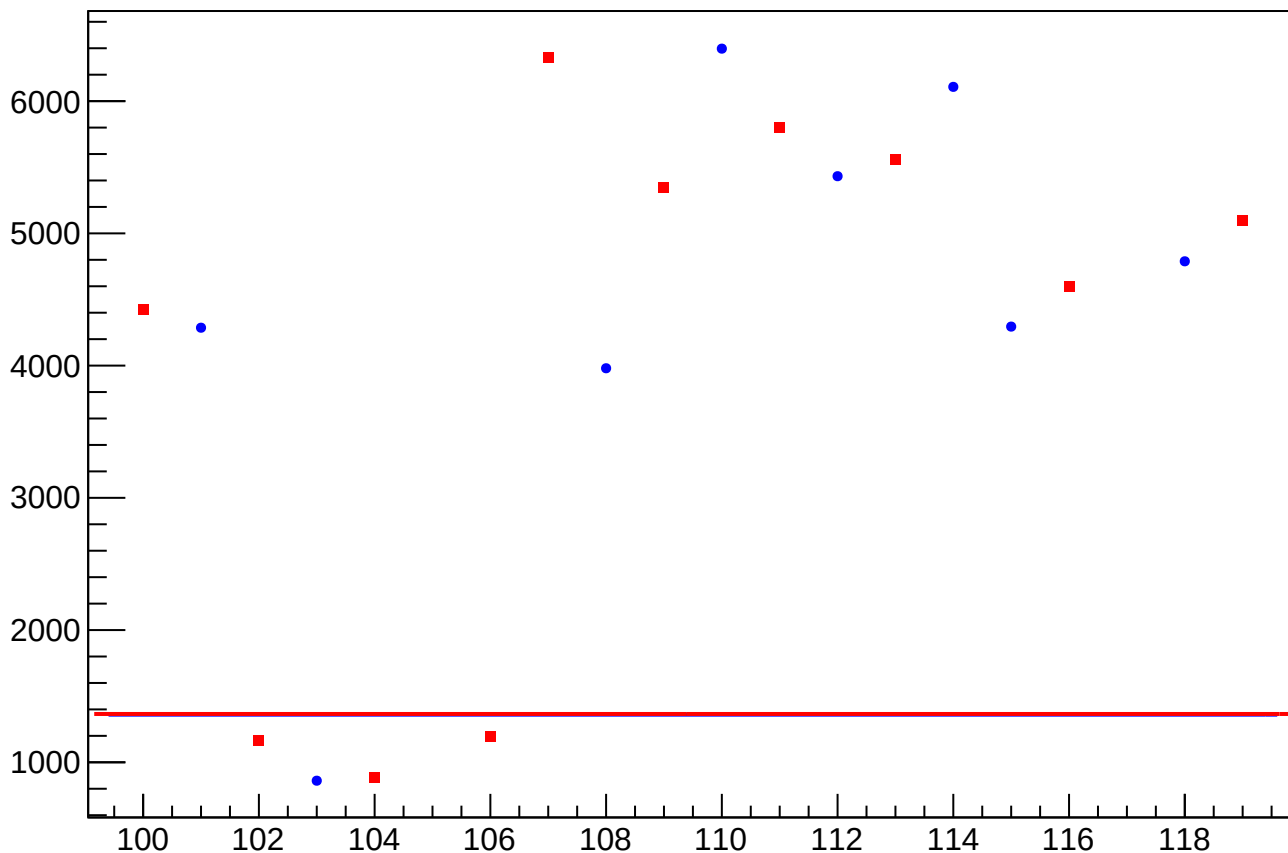
Right: -1199.966+/-709.741 χ^2/NDF : 15.2/17

In: -1023.622+/-1039.120 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1199.966+/-709.741 χ^2/NDF : 15.2/17

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1360.502 $\pm$ 0.735 χ^2 /NDF: 3204045.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1365.428 $\pm$ 0.687 χ^2 /NDF: 3202335.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

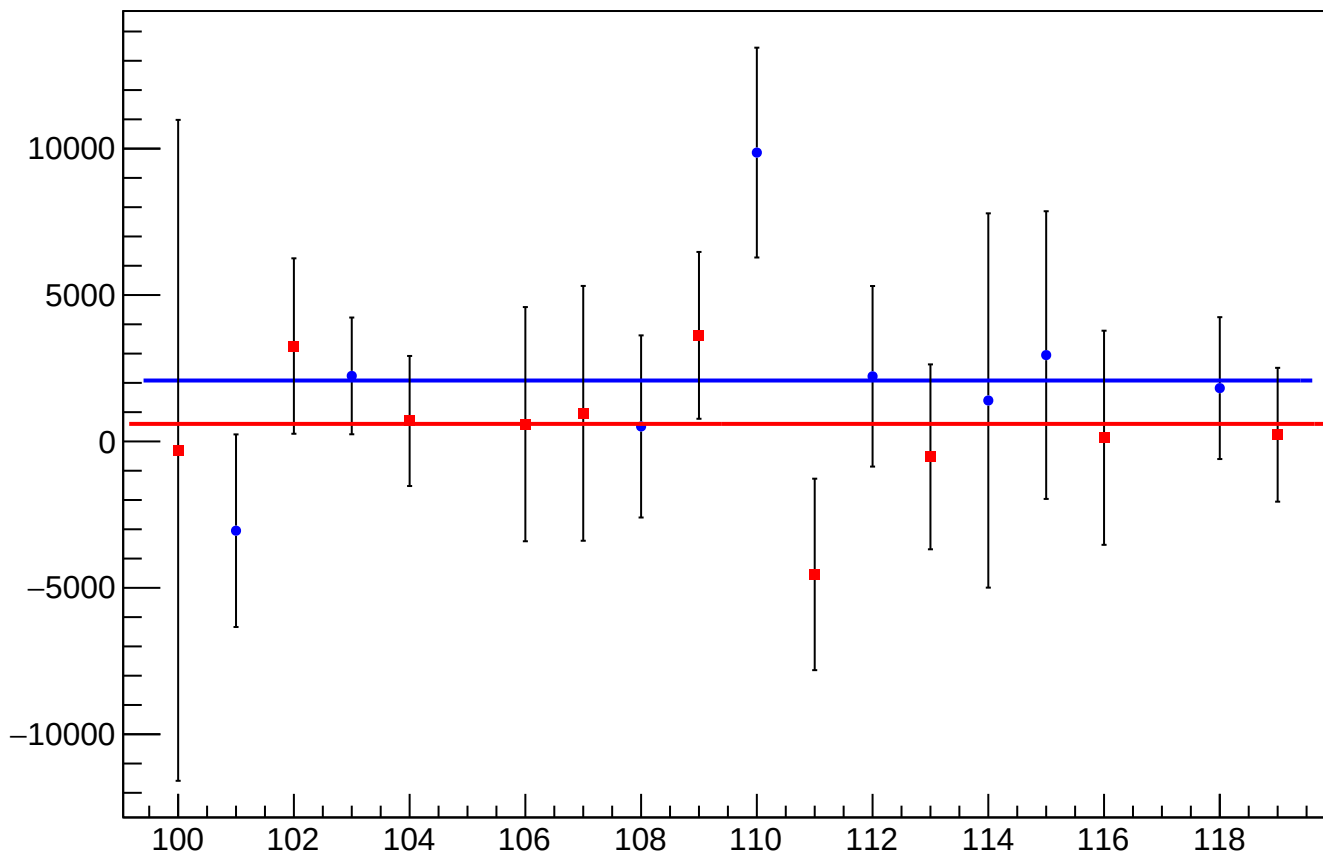
Right: 1363.130 $\pm$ 0.502 χ^2 /NDF: 6406404.4/17

In: 1360.502 $\pm$ 0.735 χ^2 /NDF:3204045.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1363.130 $\pm$ 0.502 χ^2 /NDF: 6406404.4/17

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2080.624+/-1074.052 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.252+/-989.800 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

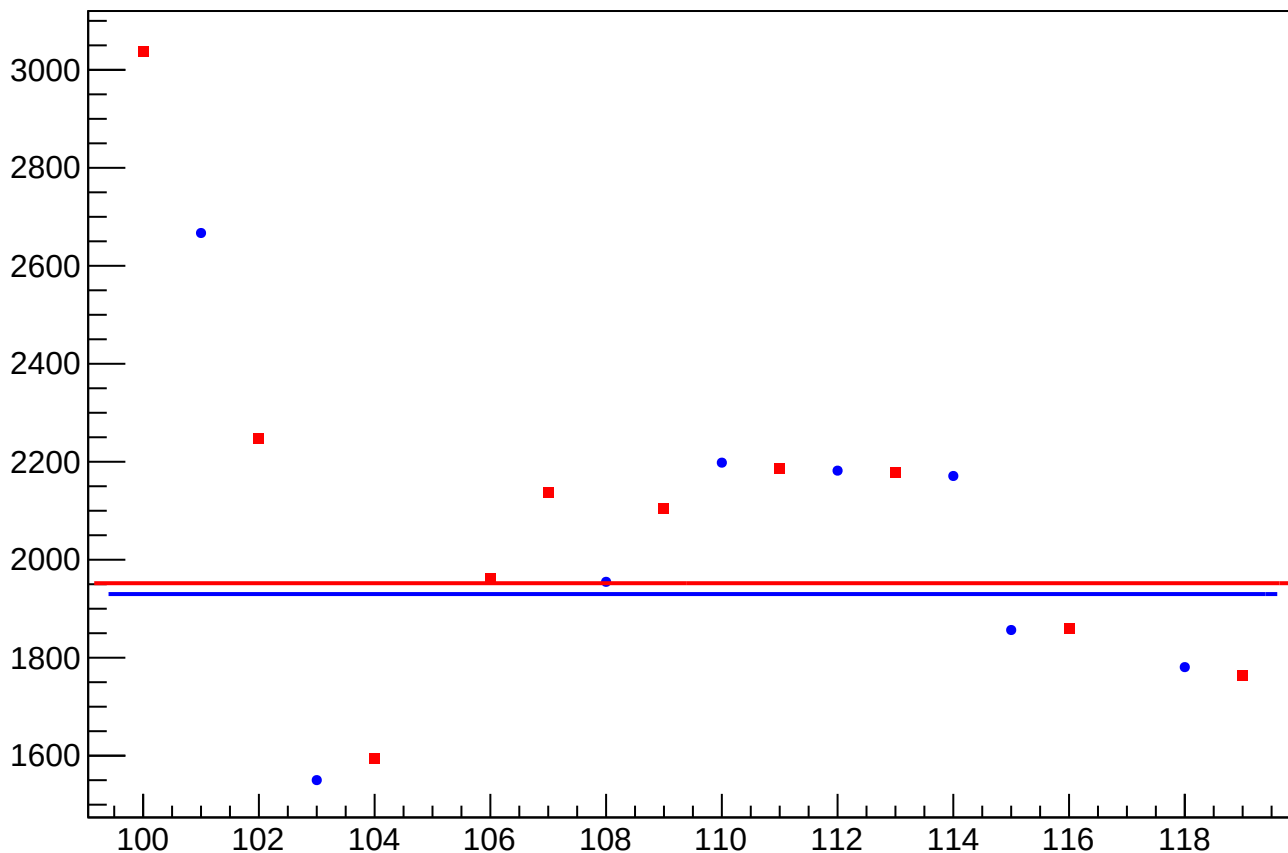
Right: 1279.565+/-727.860 χ^2/NDF : 13.1/17

In: 2080.624+/-1074.052 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.565+/-727.860 χ^2/NDF : 13.1/17

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1929.924+/-0.759 χ^2/NDF : 208589.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.088+/-0.697 χ^2/NDF : 134215.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

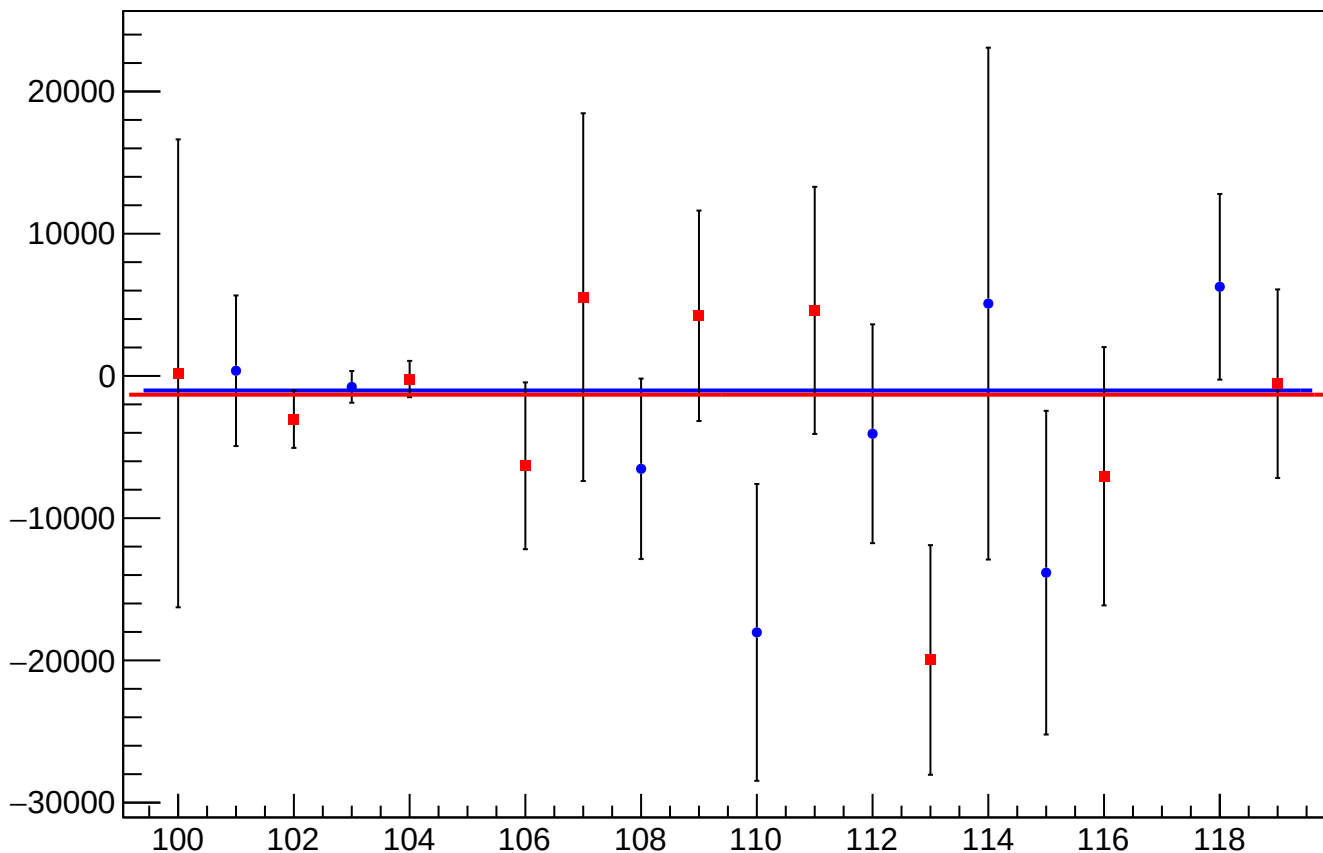
Right: 1941.954+/-0.514 χ^2/NDF : 343267.0/17

In: 1929.924+/-0.759 χ^2/NDF : 208589.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.954+/-0.514 χ^2/NDF : 343267.0/17

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1023.042+/-1039.053 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1319.396+/-1010.459 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

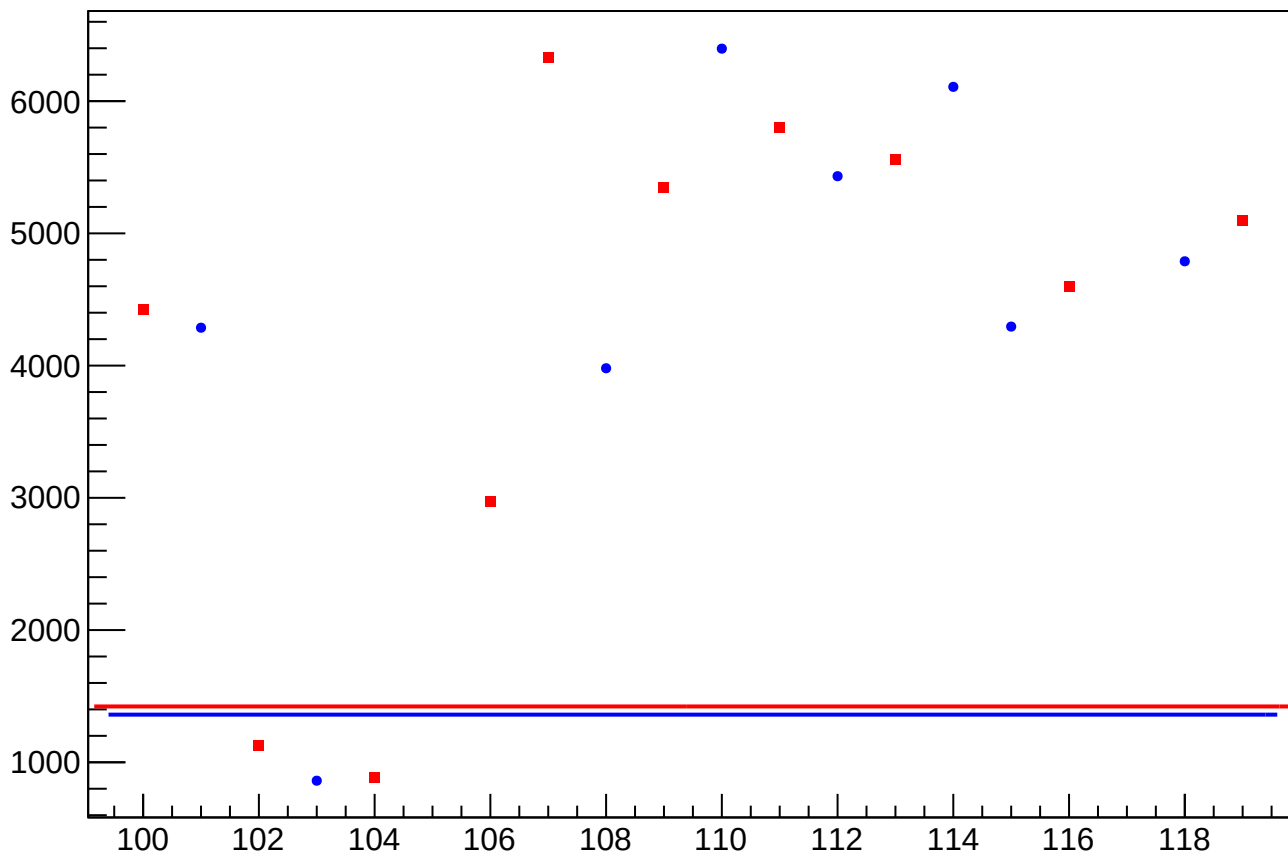
Right: -1175.353+/-724.400 χ^2/NDF : 15.6/17

In: -1023.042+/-1039.053 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1175.353+/-724.400 χ^2/NDF : 15.6/17

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1360.388+/-0.735 χ^2/NDF : 3204194.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1422.269+/-0.715 χ^2/NDF : 3347346.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

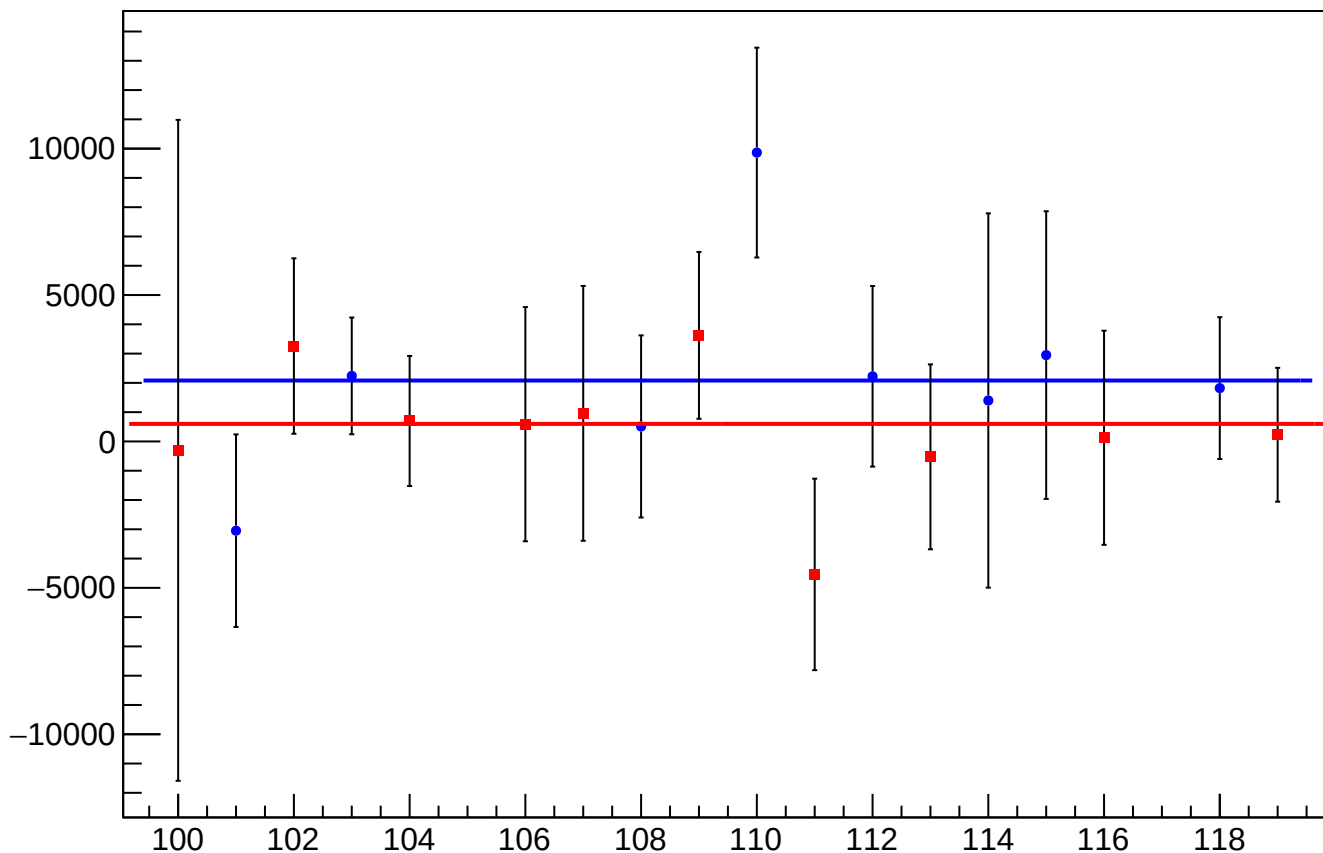
Right: 1392.192+/-0.512 χ^2/NDF : 6555186.9/17

In: 1360.388+/-0.735 χ^2/NDF :3204194.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1392.192+/-0.512 χ^2/NDF : 6555186.9/17

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2080.624+/-1074.052 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.252+/-989.800 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

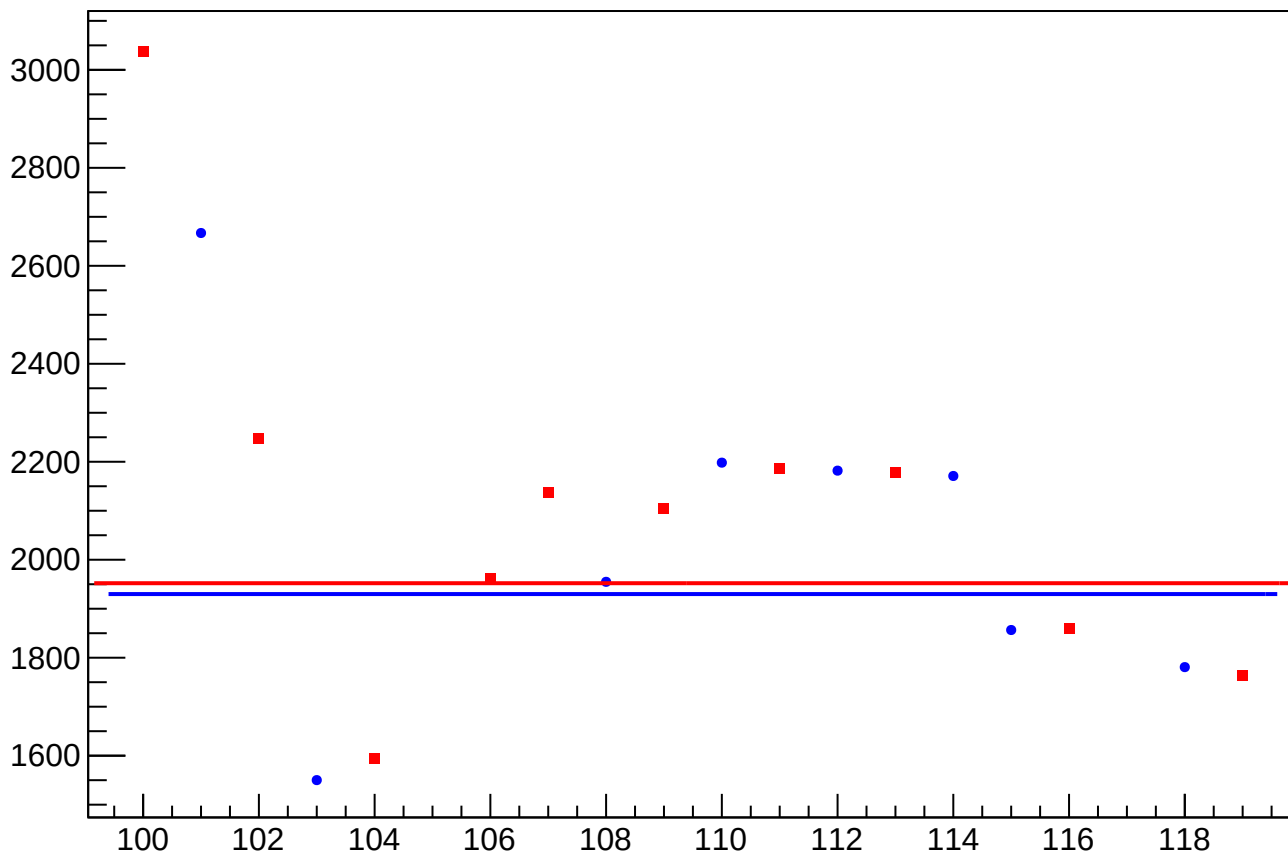
Right: 1279.565+/-727.860 χ^2/NDF : 13.1/17

In: 2080.624+/-1074.052 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.565+/-727.860 χ^2/NDF : 13.1/17

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1929.924+/-0.759 χ^2/NDF : 208589.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.088+/-0.697 χ^2/NDF : 134215.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

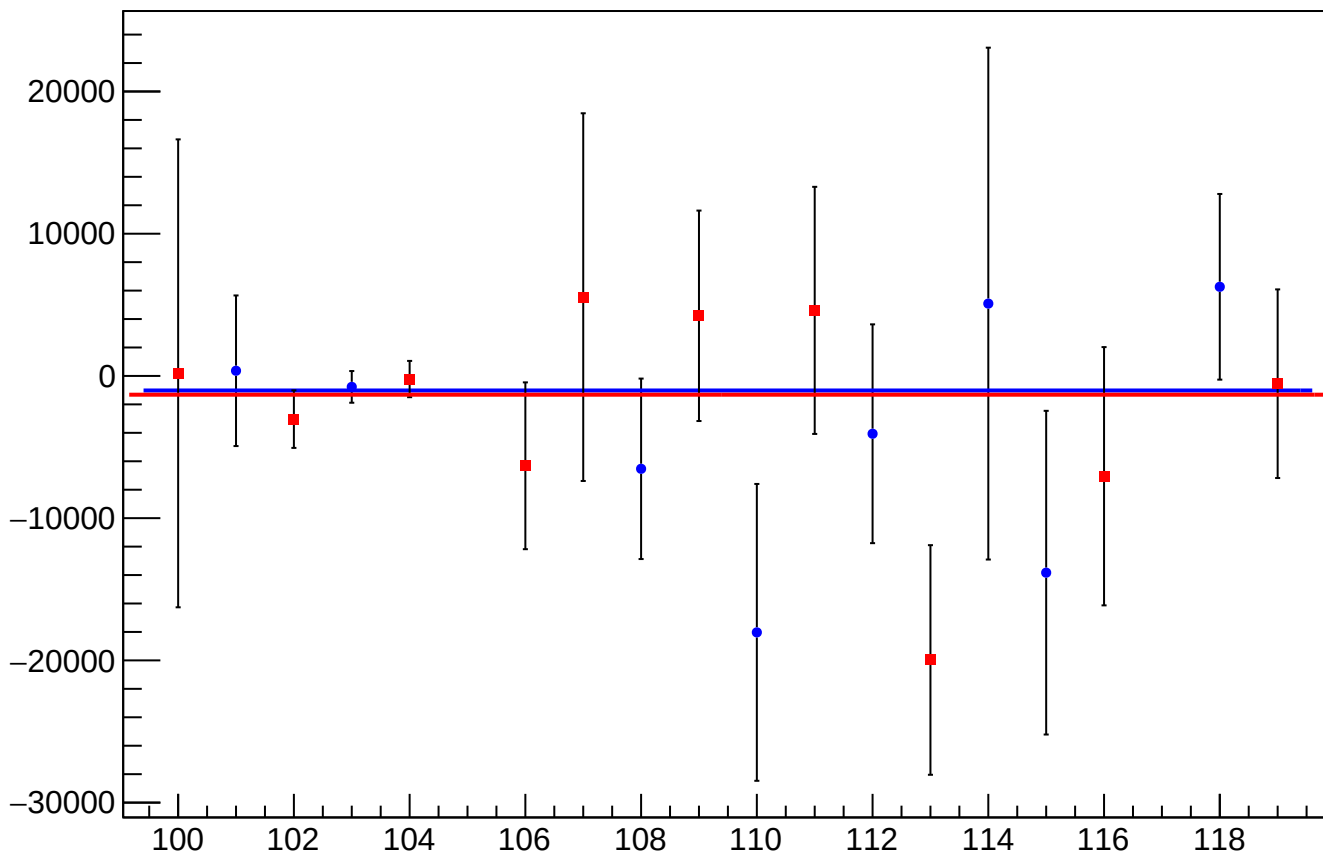
Right: 1941.954+/-0.514 χ^2/NDF : 343267.0/17

In: 1929.924+/-0.759 χ^2/NDF : 208589.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1941.954+/-0.514 χ^2/NDF : 343267.0/17

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1023.042+/-1039.053 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1319.396+/-1010.459 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

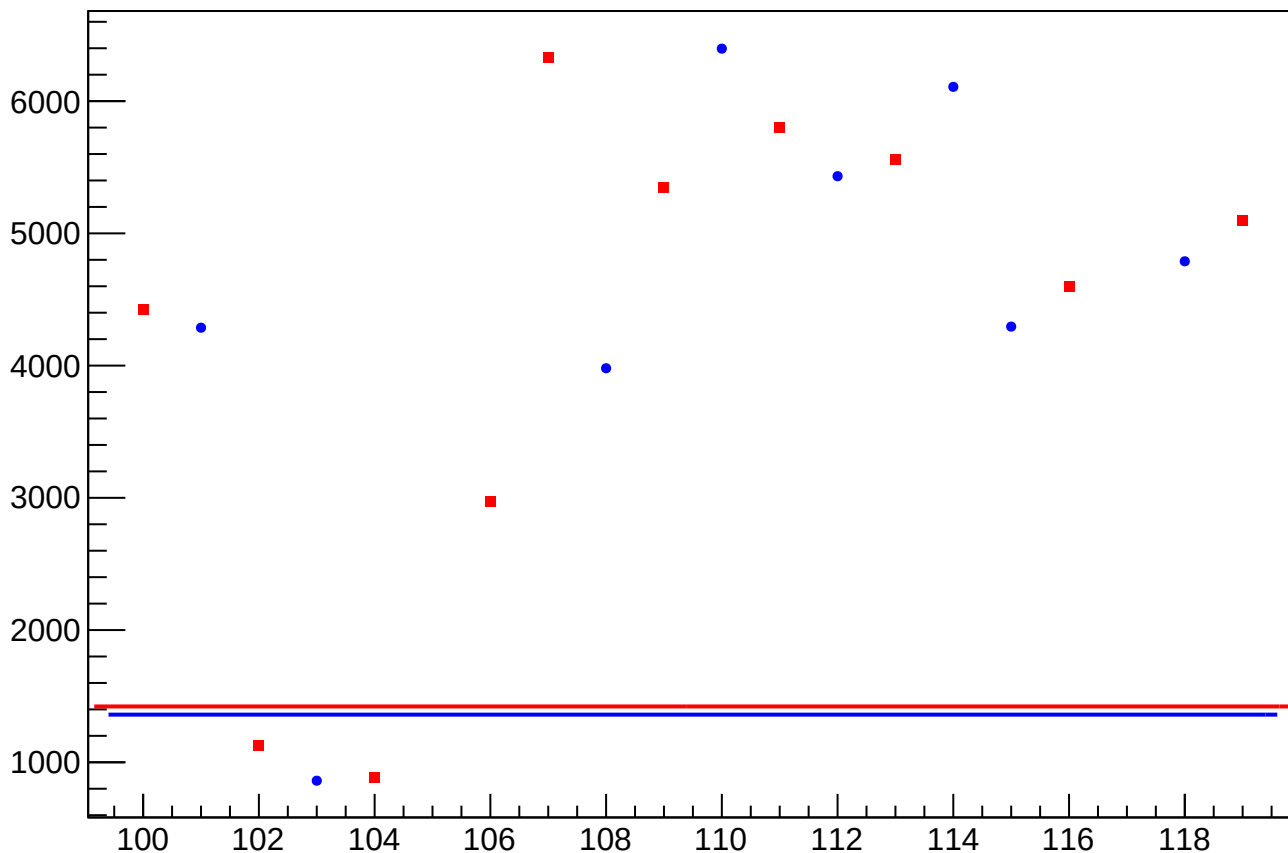
Right: -1175.353+/-724.400 χ^2/NDF : 15.6/17

In: -1023.042+/-1039.053 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1175.353+/-724.400 χ^2/NDF : 15.6/17

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1360.388+/-0.735 χ^2/NDF : 3204194.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.269+/-0.715 χ^2/NDF : 3347346.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

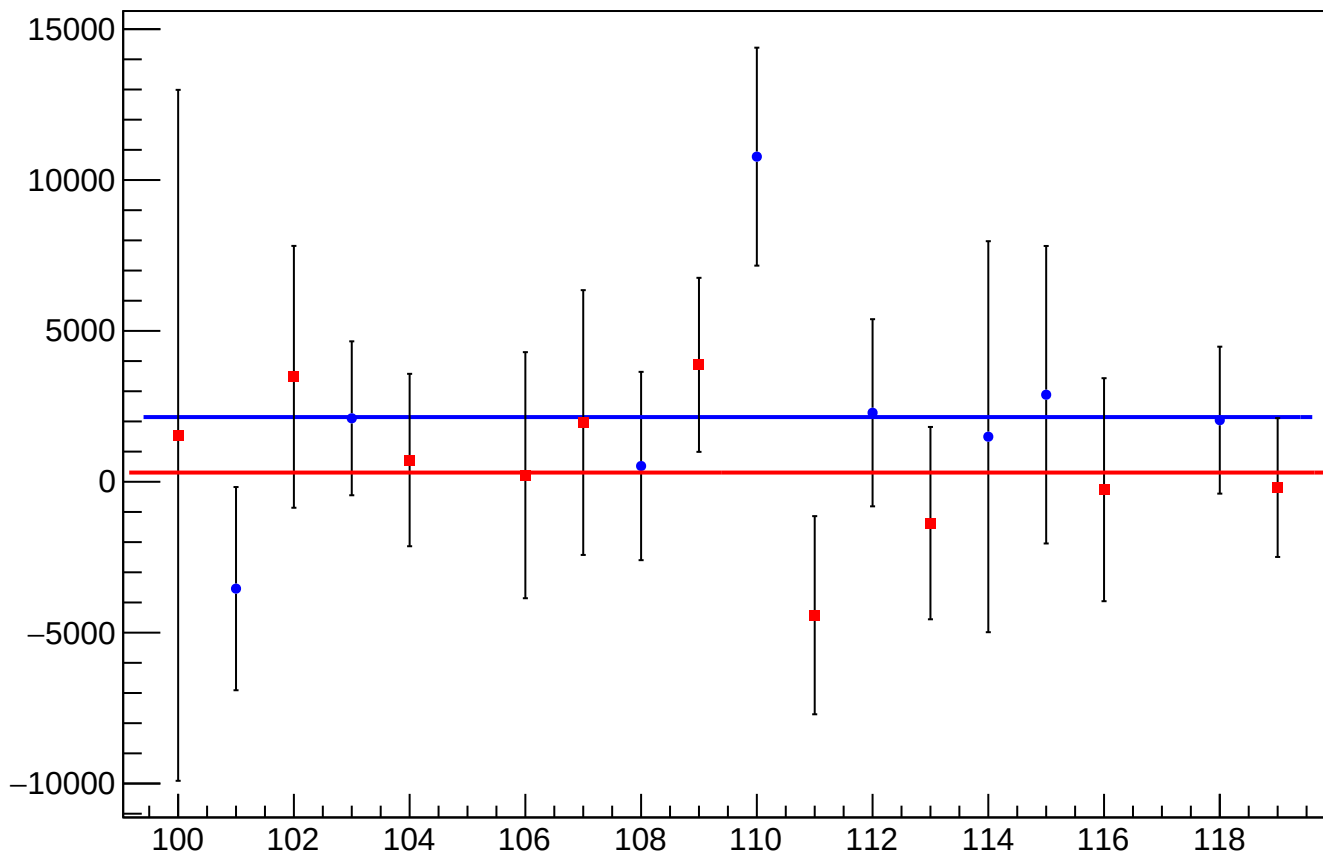
Right: 1392.192+/-0.512 χ^2/NDF : 6555186.9/17

In: 1360.388+/-0.735 χ^2/NDF : 3204194.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.192+/-0.512 χ^2/NDF : 6555186.9/17

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2144.224+/-1147.913 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.500+/-1072.733 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

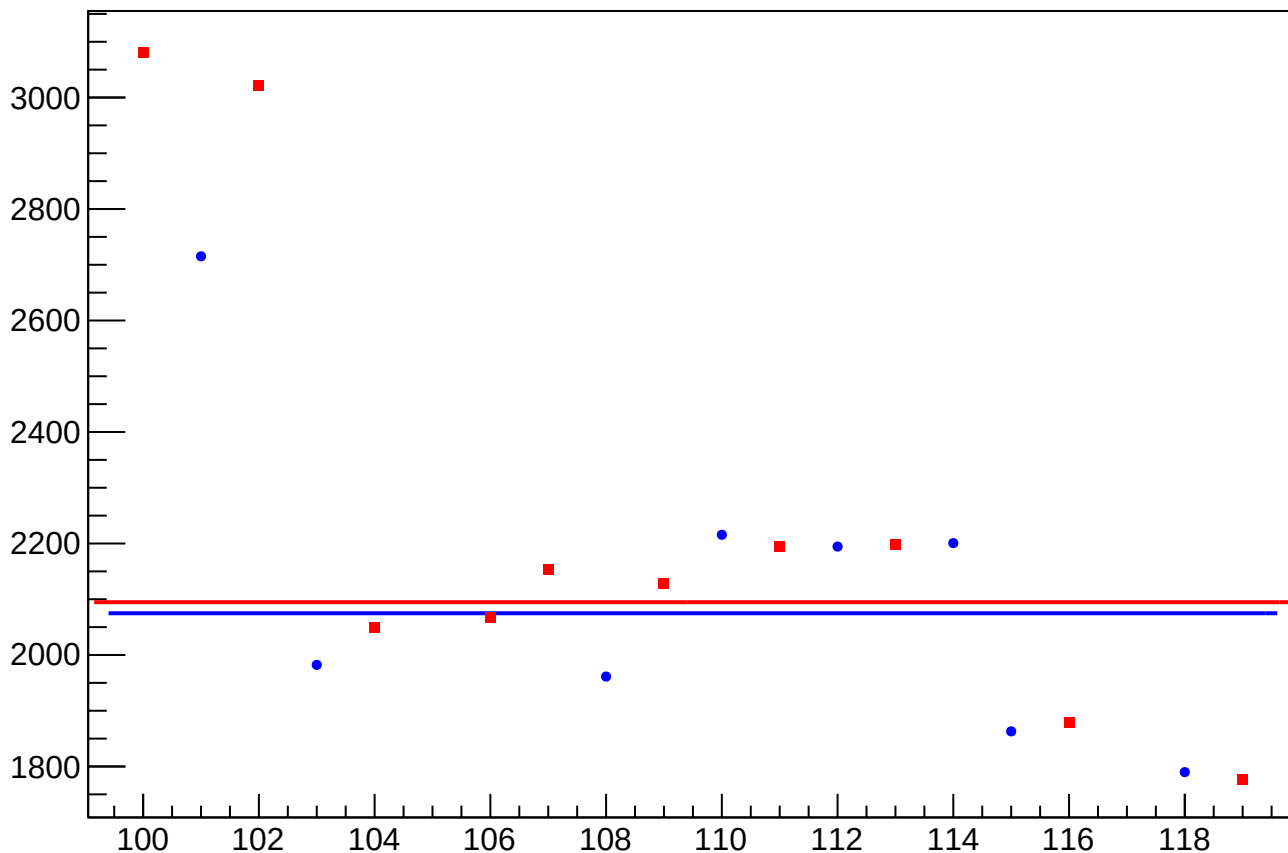
Right: 1162.683+/-783.768 χ^2/NDF : 14.9/17

In: 2144.224+/-1147.913 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.683+/-783.768 χ^2/NDF : 14.9/17

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2074.877+/-0.812 χ^2/NDF : 115459.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.680+/-0.757 χ^2/NDF : 156458.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

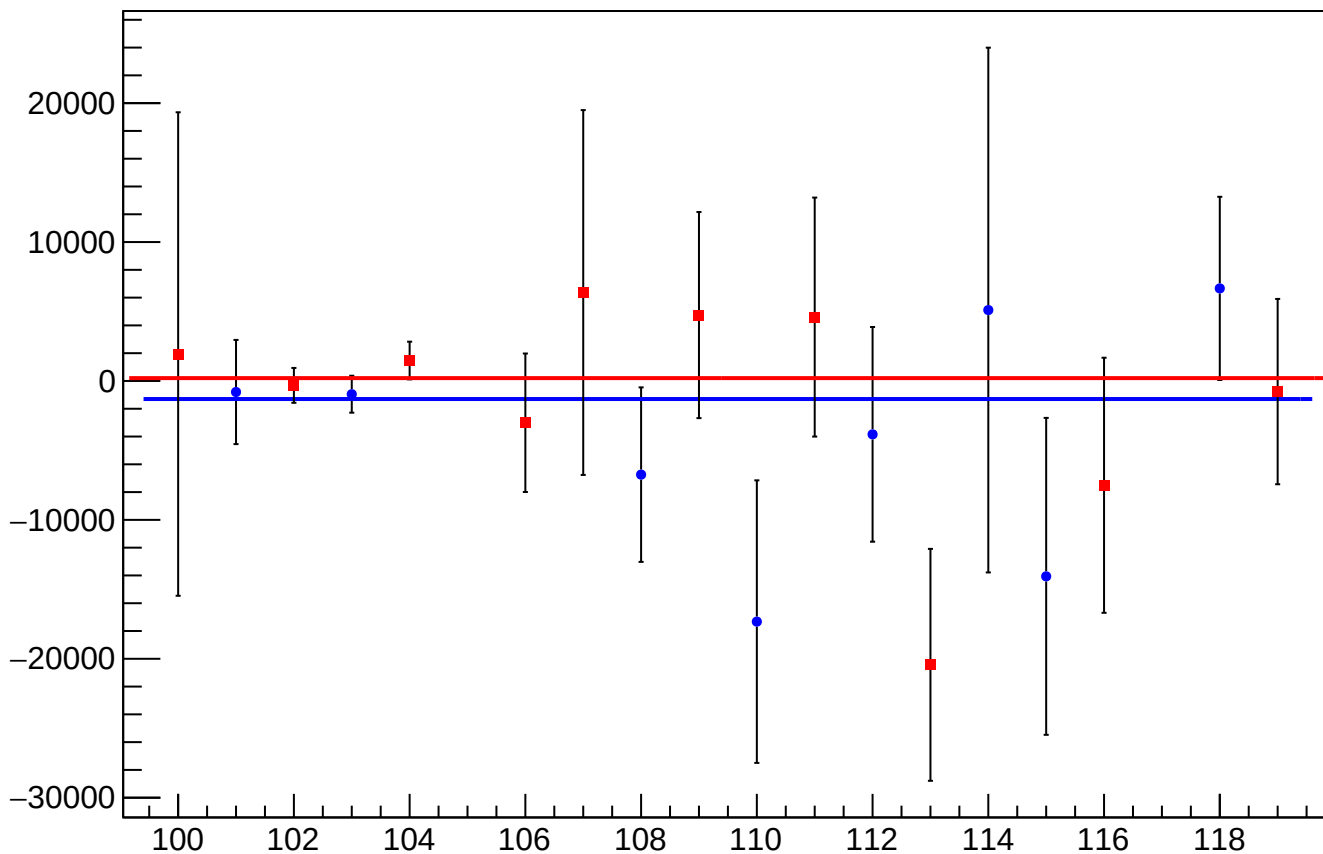
Right: 2085.466+/-0.554 χ^2/NDF : 272236.6/17

In: 2074.877+/-0.812 χ^2/NDF : 115459.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.466+/-0.554 χ^2/NDF : 272236.6/17

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1300.387+/-1177.402 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.997+/-874.437 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

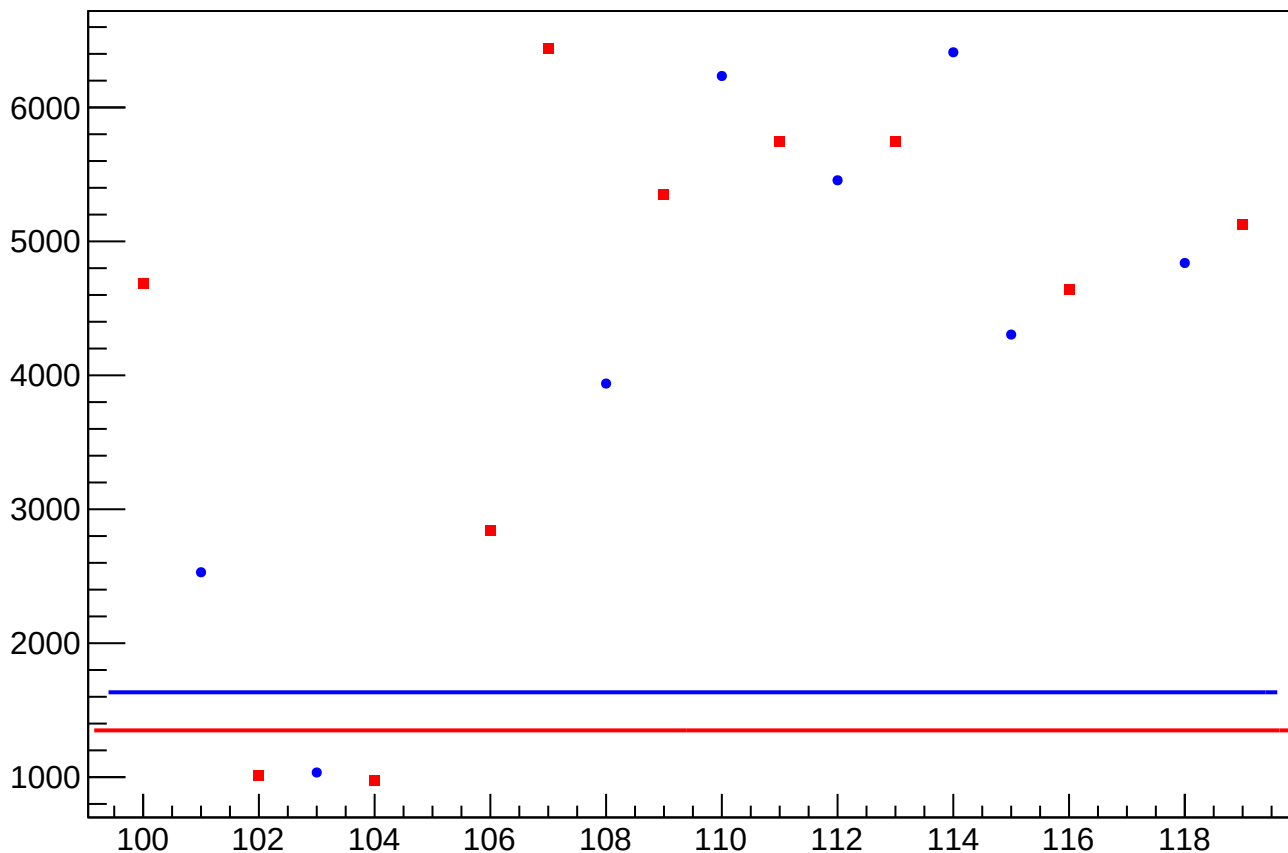
Right: -330.159+/-702.007 χ^2/NDF : 16.5/17

In: -1300.387+/-1177.402 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.159+/-702.007 χ^2/NDF : 16.5/17

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1633.502 $\pm$ 0.833 χ^2 /NDF: 2397281.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1349.130 $\pm$ 0.618 χ^2 /NDF: 3410395.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

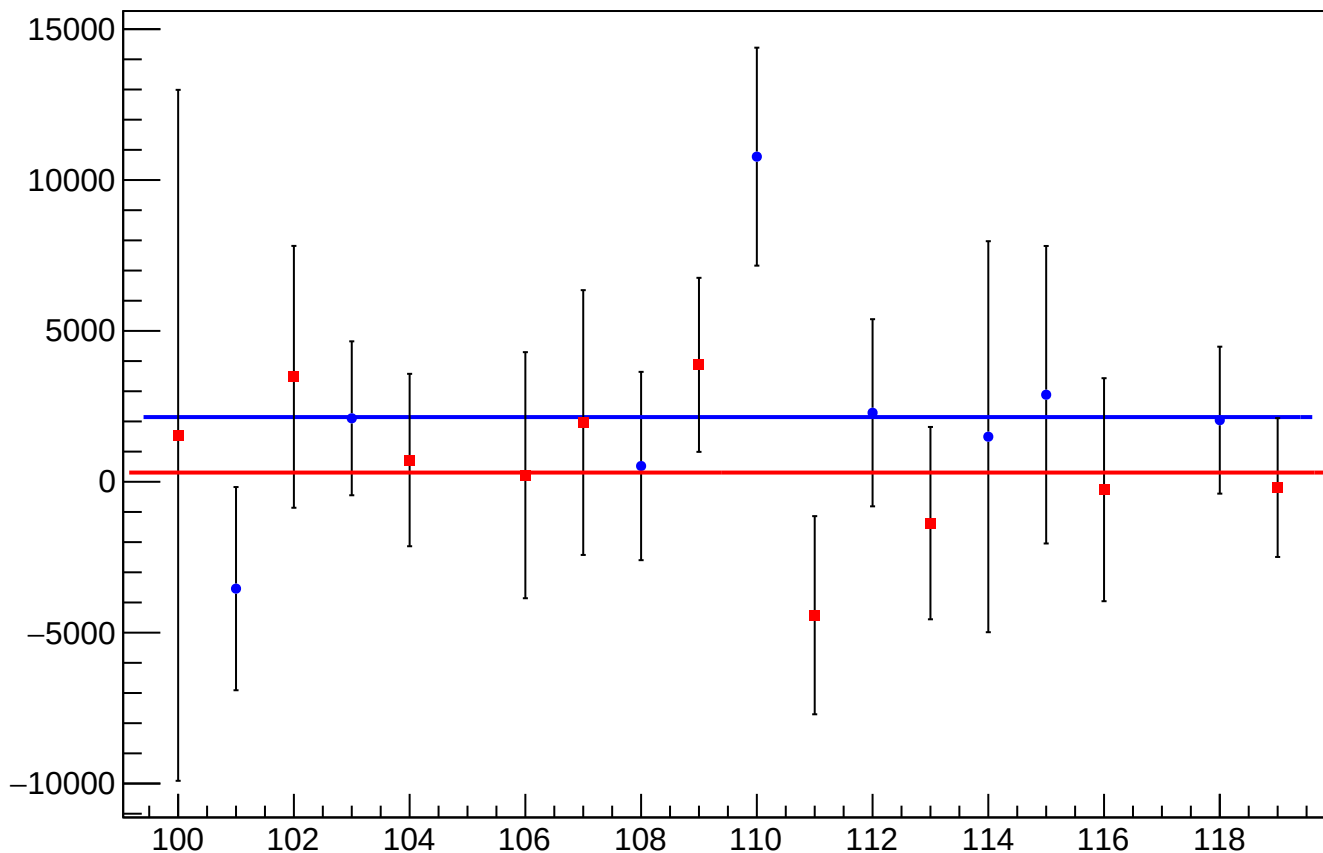
Right: 1450.223 $\pm$ 0.496 χ^2 /NDF: 5882870.7/17

In: 1633.502 $\pm$ 0.833 χ^2 /NDF: 2397281.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1450.223 $\pm$ 0.496 χ^2 /NDF: 5882870.7/17

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2144.218+/-1147.912 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.505+/-1072.733 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

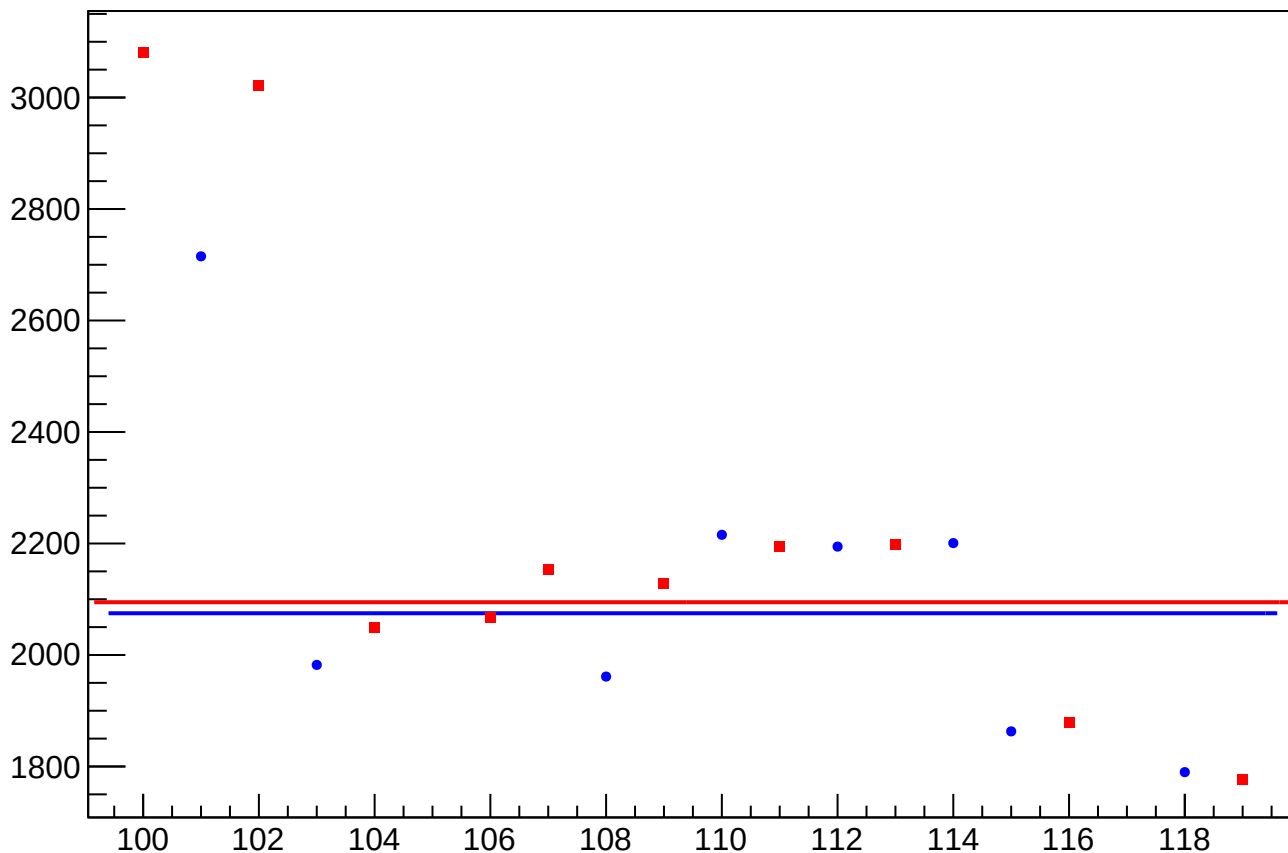
Right: 1162.683+/-783.768 χ^2/NDF : 14.9/17

In: 2144.218+/-1147.912 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.683+/-783.768 χ^2/NDF : 14.9/17

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2074.876+/-0.812 χ^2/NDF : 115460.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.679+/-0.757 χ^2/NDF : 156457.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

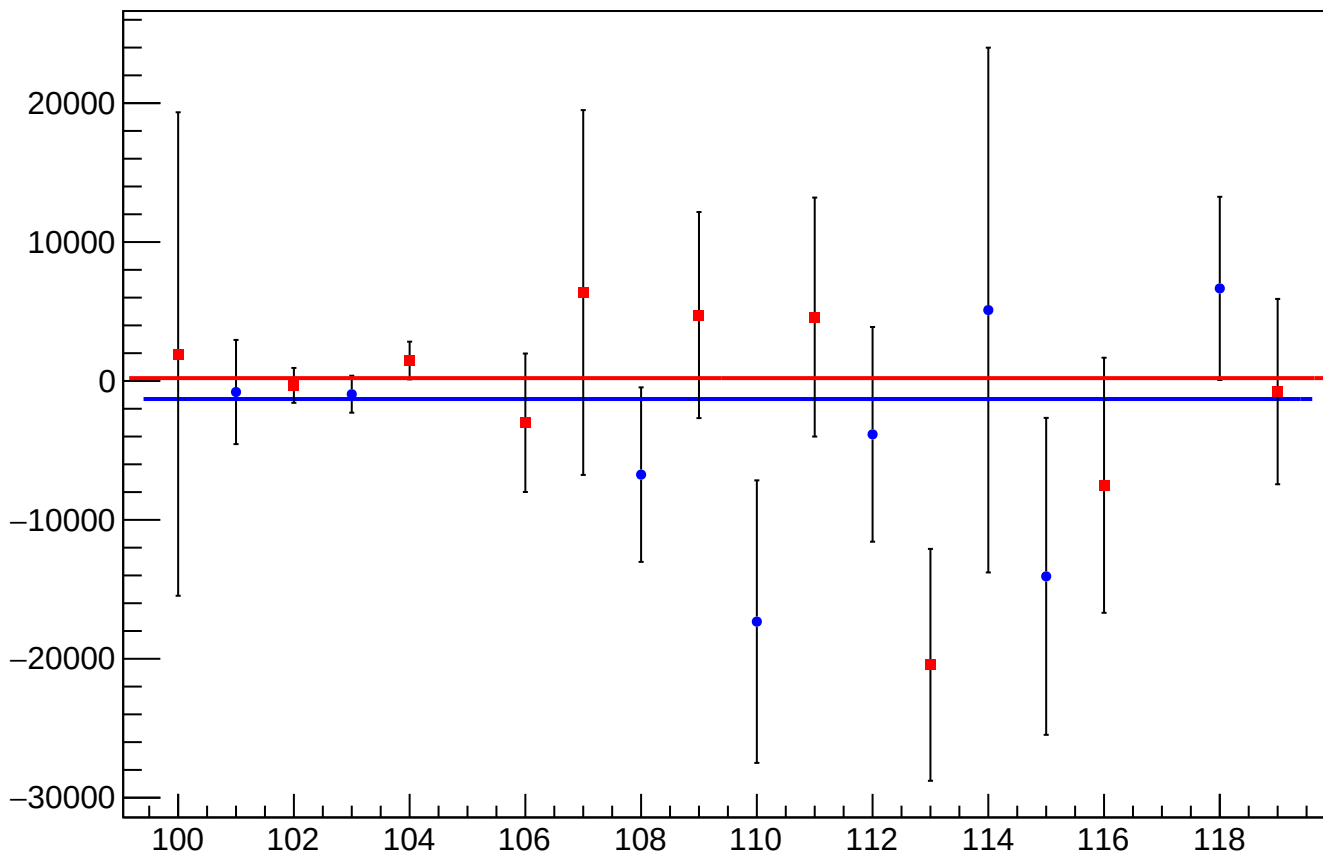
Right: 2085.465+/-0.554 χ^2/NDF : 272236.2/17

In: 2074.876+/-0.812 χ^2/NDF : 115460.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.465+/-0.554 χ^2/NDF : 272236.2/17

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1300.391+/-1177.401 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.992+/-874.436 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

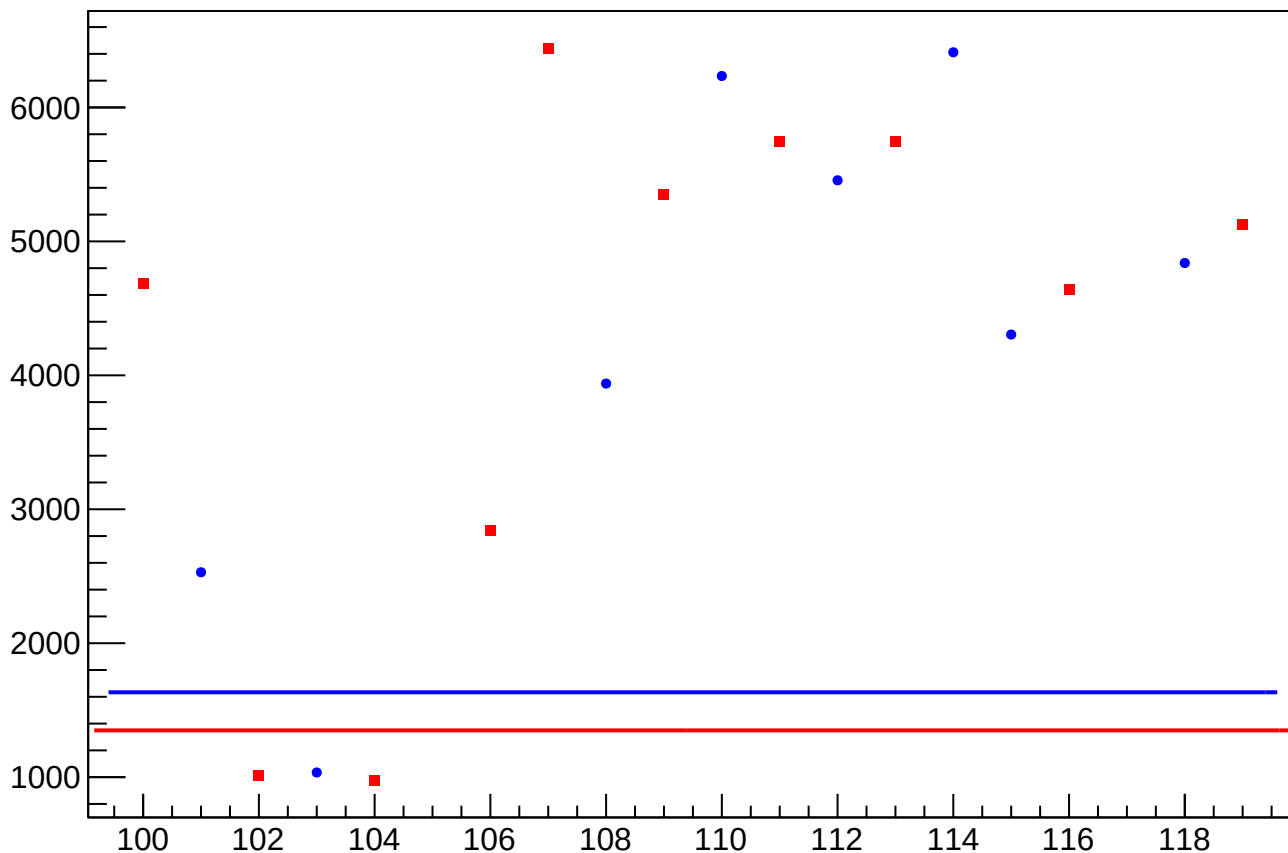
Right: -330.164+/-702.007 χ^2/NDF : 16.5/17

In: -1300.391+/-1177.401 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.164+/-702.007 χ^2/NDF : 16.5/17

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1633.502+/-0.833 χ^2/NDF : 2397279.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1349.130+/-0.618 χ^2/NDF : 3410391.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

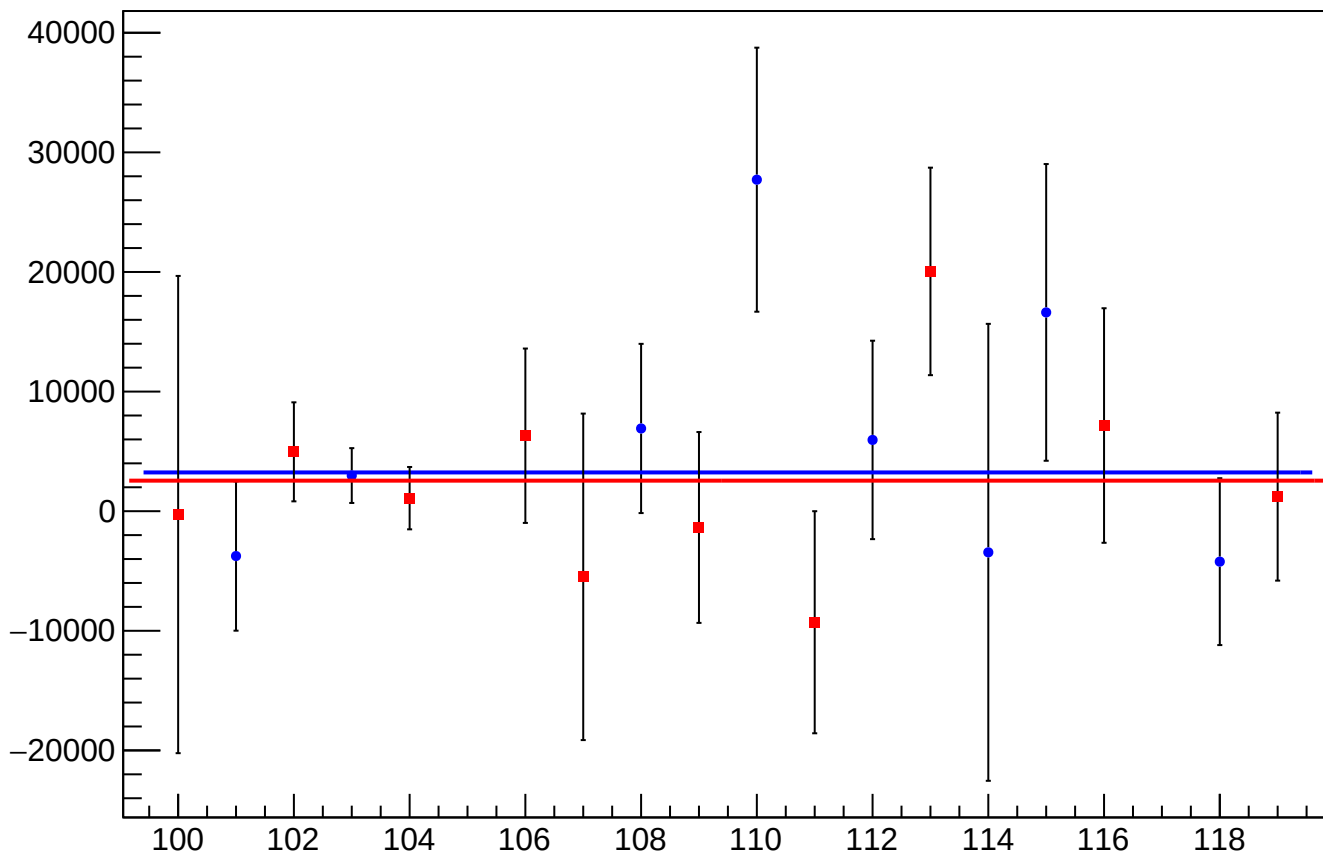
Right: 1450.223+/-0.496 χ^2/NDF : 5882864.8/17

In: 1633.502+/-0.833 χ^2/NDF : 2397279.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.223+/-0.496 χ^2/NDF : 5882864.8/17

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3240.698+/-1861.553 χ^2 /NDF: 9.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2553.635+/-1815.062 χ^2 /NDF: 7.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

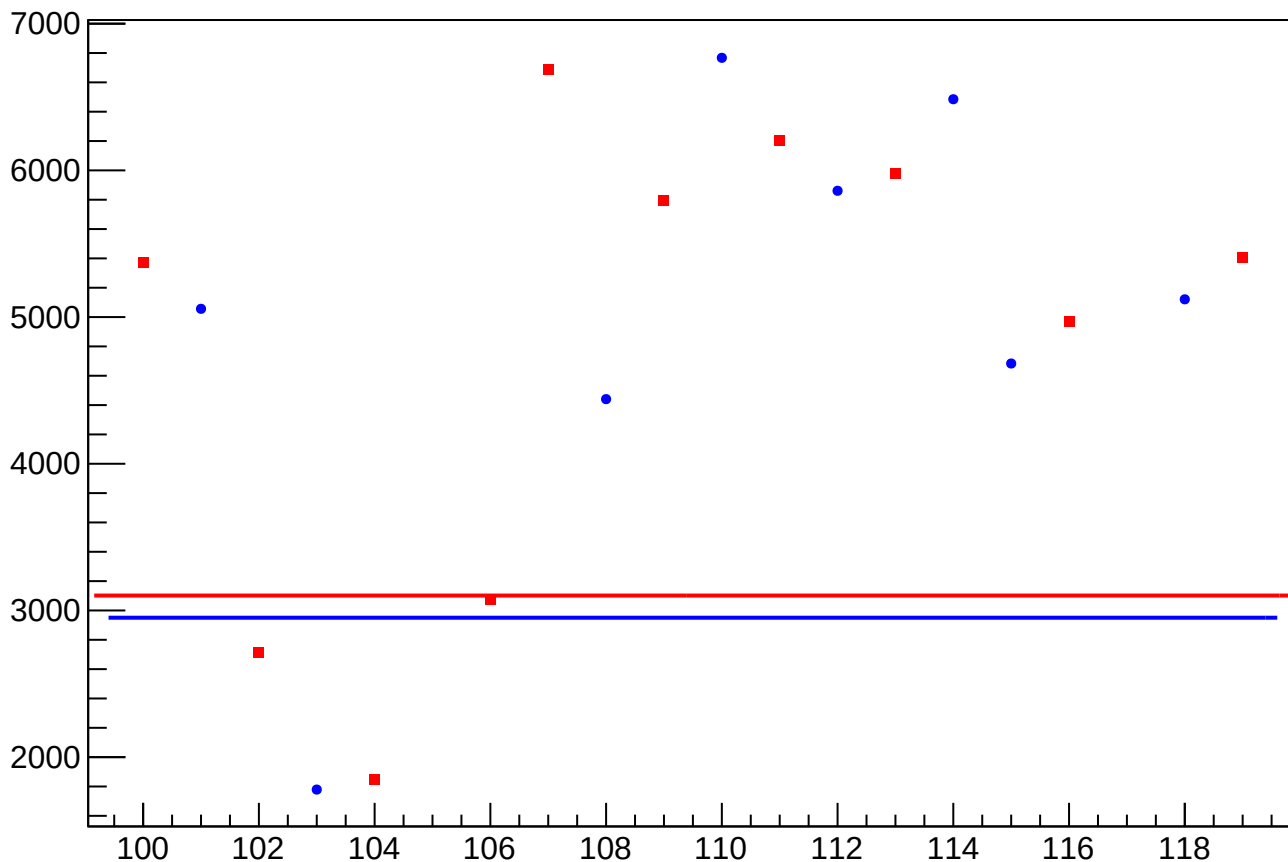
Right: 2888.480+/-1299.568 χ^2 /NDF: 16.5/17

In: 3240.698+/-1861.553 χ^2 /NDF:9.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2888.480+/-1299.568 χ^2 /NDF: 16.5/17

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 2950.595+/-1.316 χ^2/NDF : 1625439.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3101.658+/-1.266 χ^2/NDF : 1601167.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

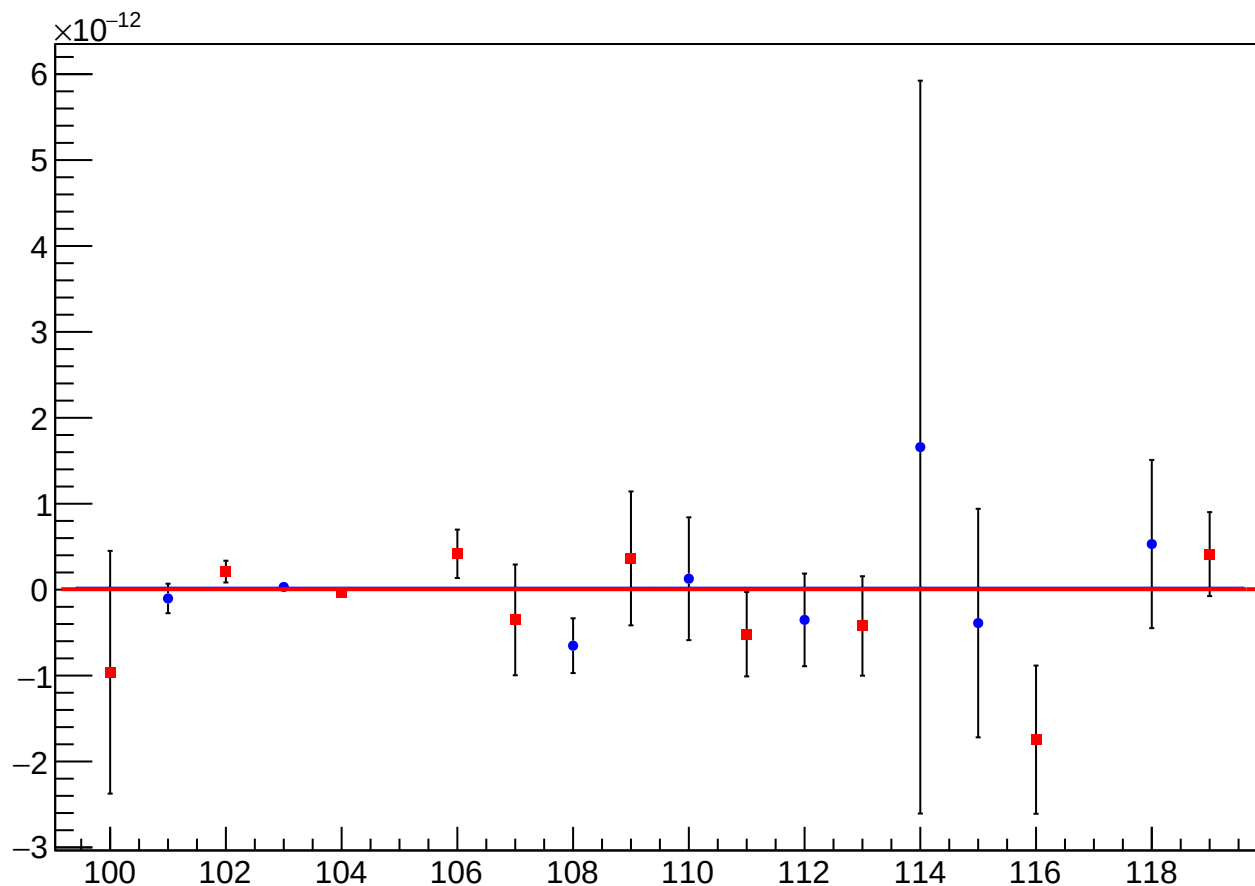
Right: 3029.068+/-0.912 χ^2/NDF : 3233448.9/17

In: 2950.595+/-1.316 χ^2/NDF : 1625439.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3029.068+/-0.912 χ^2/NDF : 3233448.9/17

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

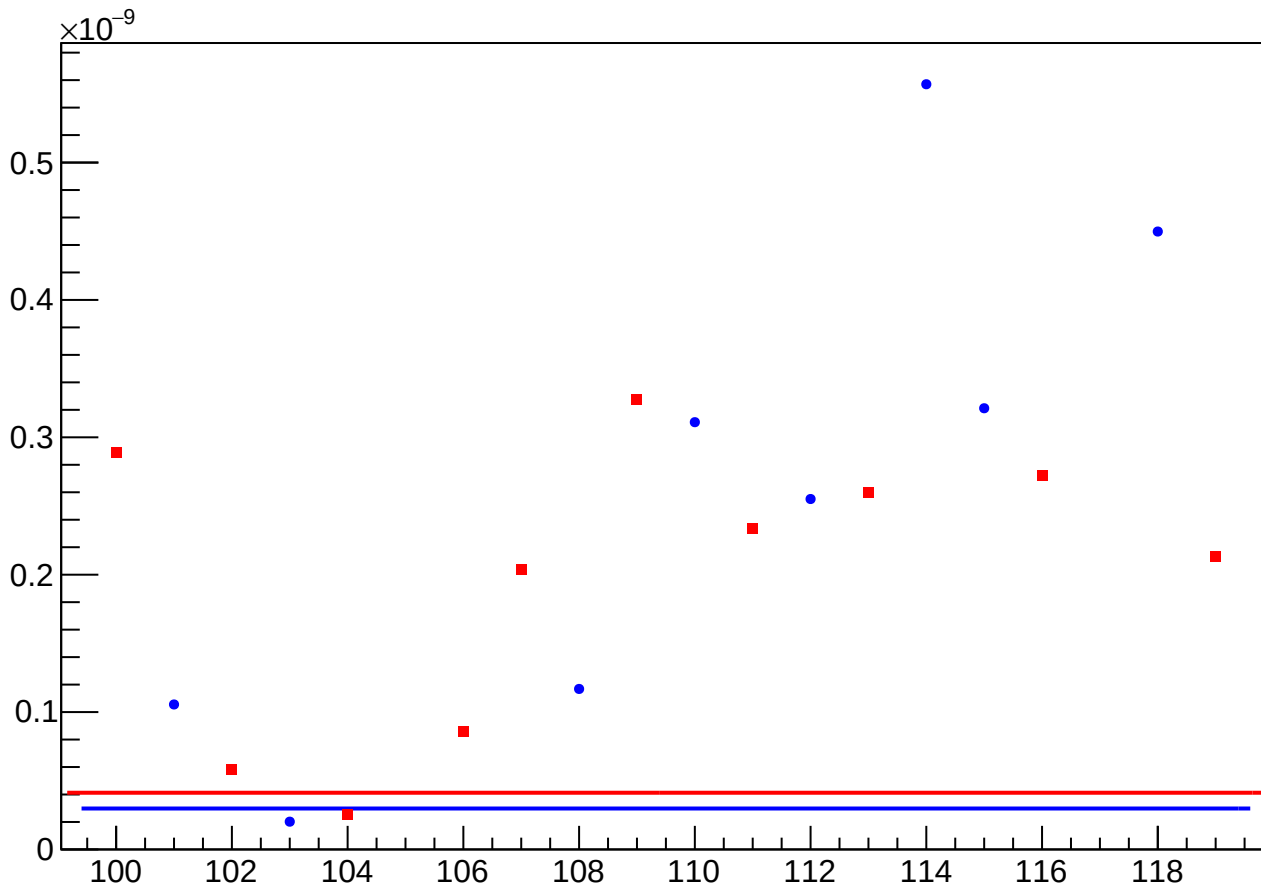
Right: 0.000+/-0.000 χ^2/NDF : 18.8/17

In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.8/17

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1796100.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1686255.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

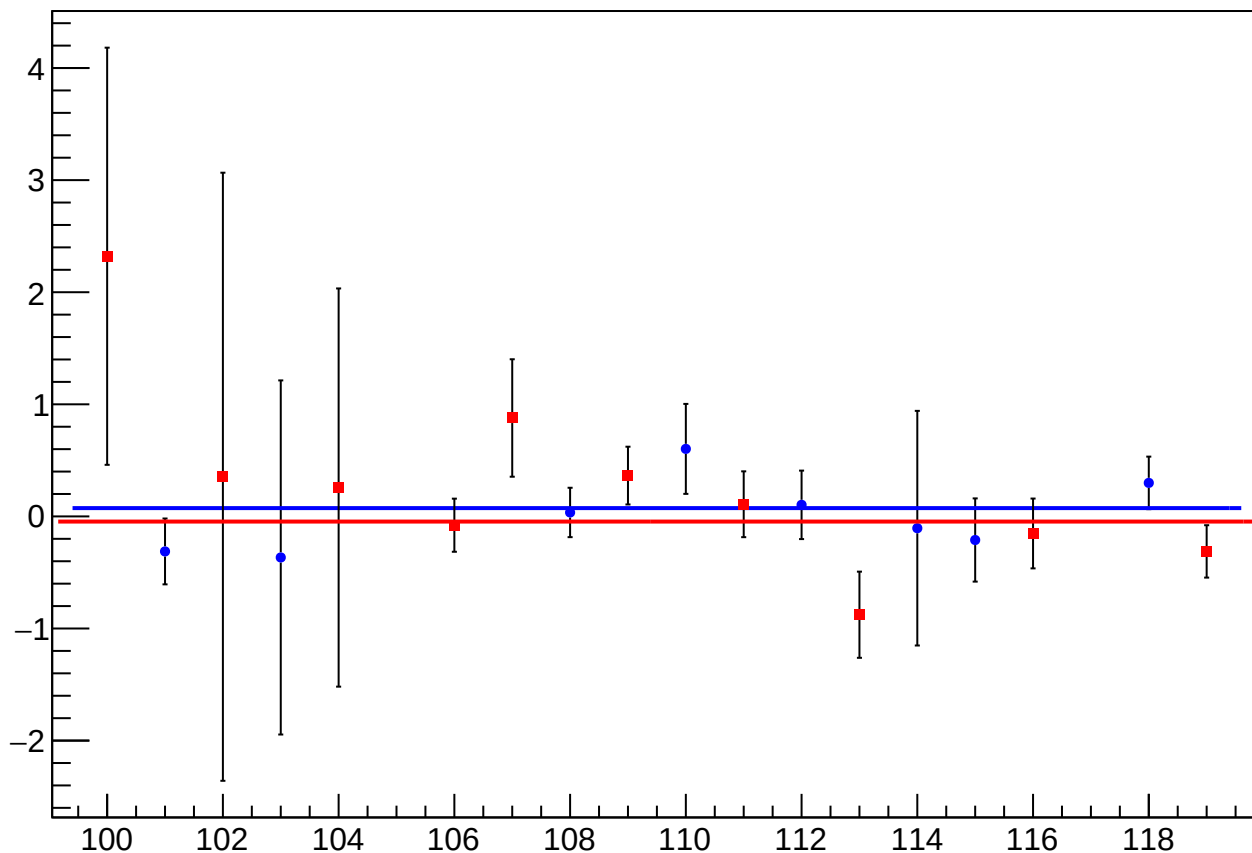
Right: 0.000+/-0.000 χ^2/NDF : 3547872.8/17

In: 0.000+/-0.000 χ^2/NDF : 1796100.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3547872.8/17

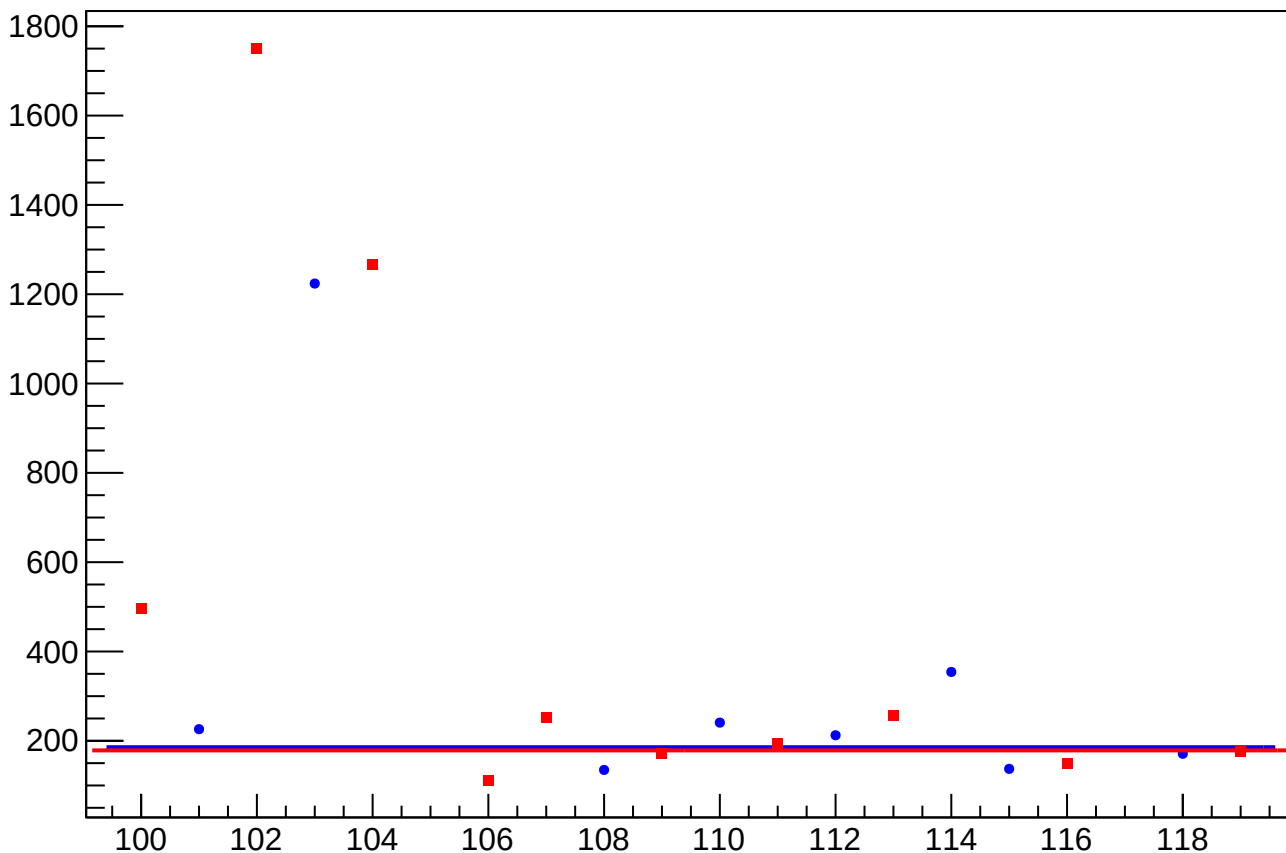
asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.115 χ^2/NDF : 5.1/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9
 Left 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+/-0.079 χ^2/NDF : 19.4/17
 In: 0.074+/-0.115 χ^2/NDF : 5.1/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.011+/-0.079 χ^2/NDF : 19.4/17

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.668 $\pm$ 0.081 χ^2 /NDF: 1155443.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.547 $\pm$ 0.077 χ^2 /NDF: 1791256.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

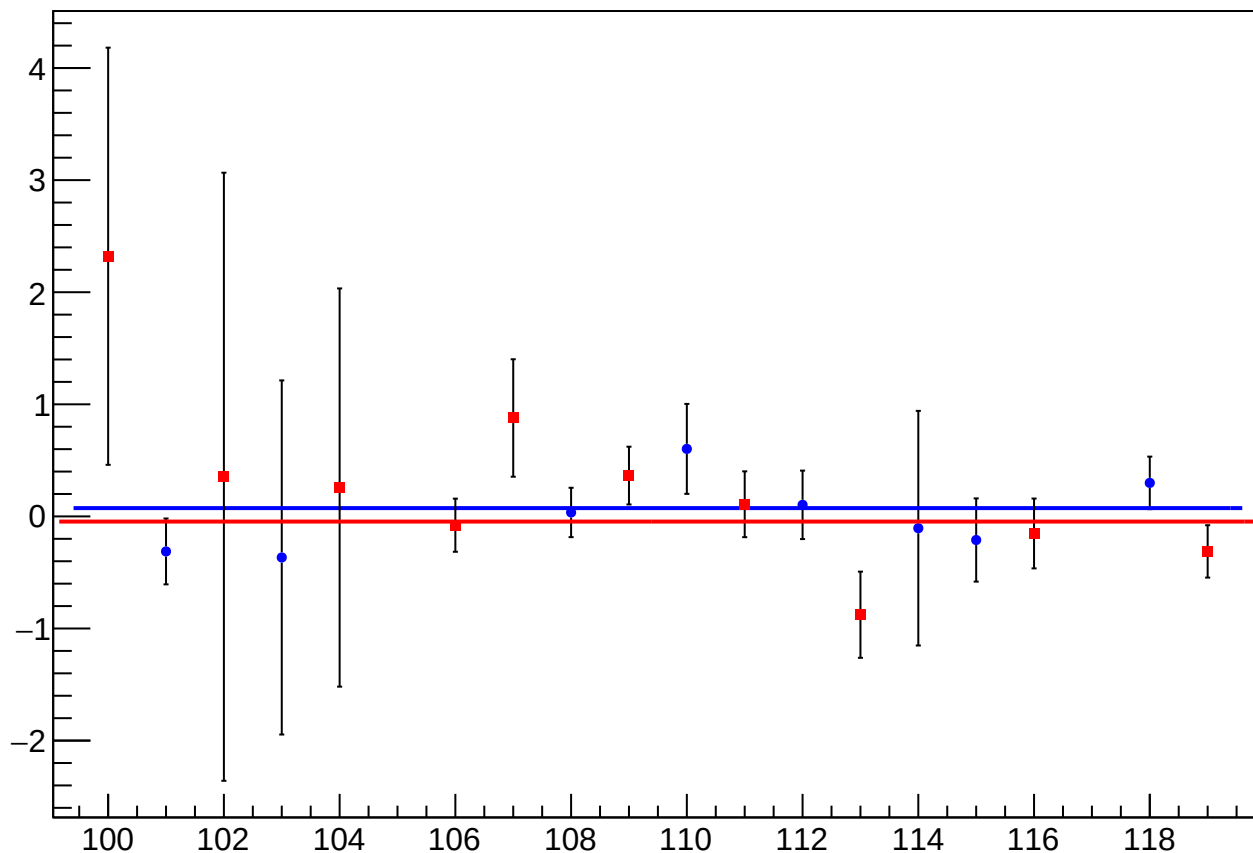
Right: 181.922 $\pm$ 0.056 χ^2 /NDF: 2950749.1/17

In: 185.668 $\pm$ 0.081 χ^2 /NDF:1155443.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.922 $\pm$ 0.056 χ^2 /NDF: 2950749.1/17

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

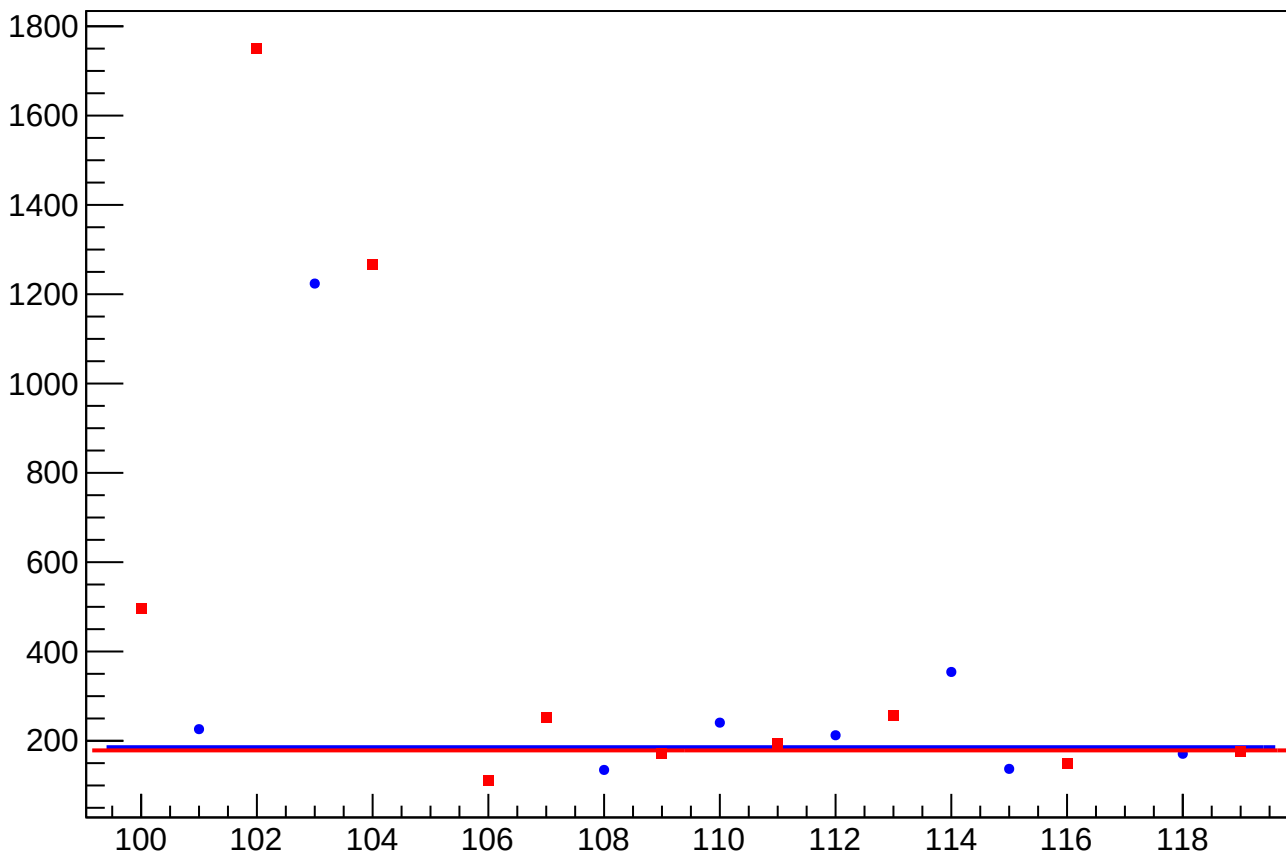
Right: 0.011+/-0.079 χ^2/NDF : 19.4/17

In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.079 χ^2/NDF : 19.4/17

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.668+/-0.081 χ^2/NDF : 1155443.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.547+/-0.077 χ^2/NDF : 1791256.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

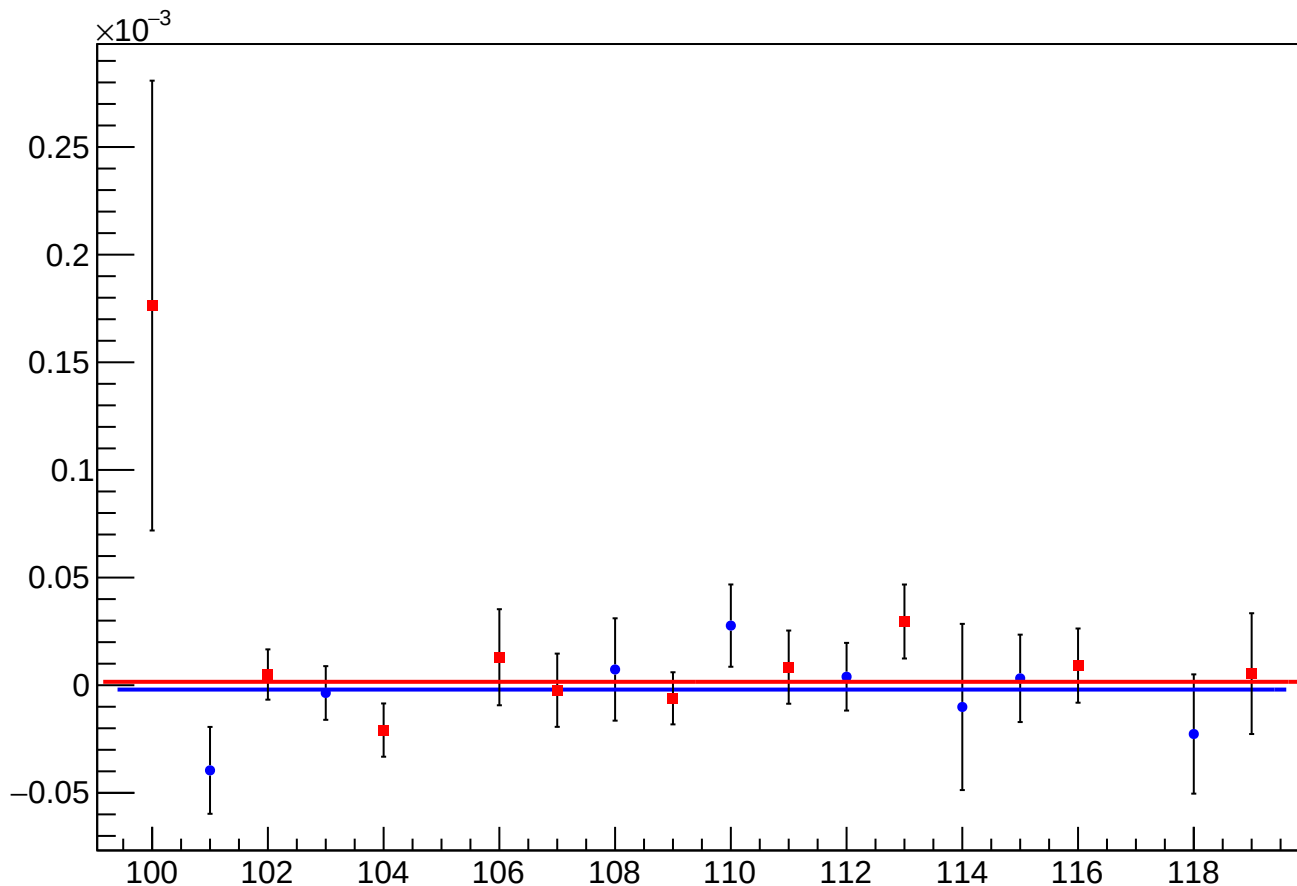
Right: 181.922+/-0.056 χ^2/NDF : 2950749.1/17

In: 185.668+/-0.081 χ^2/NDF : 1155443.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.922+/-0.056 χ^2/NDF : 2950749.1/17

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 6.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 9.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

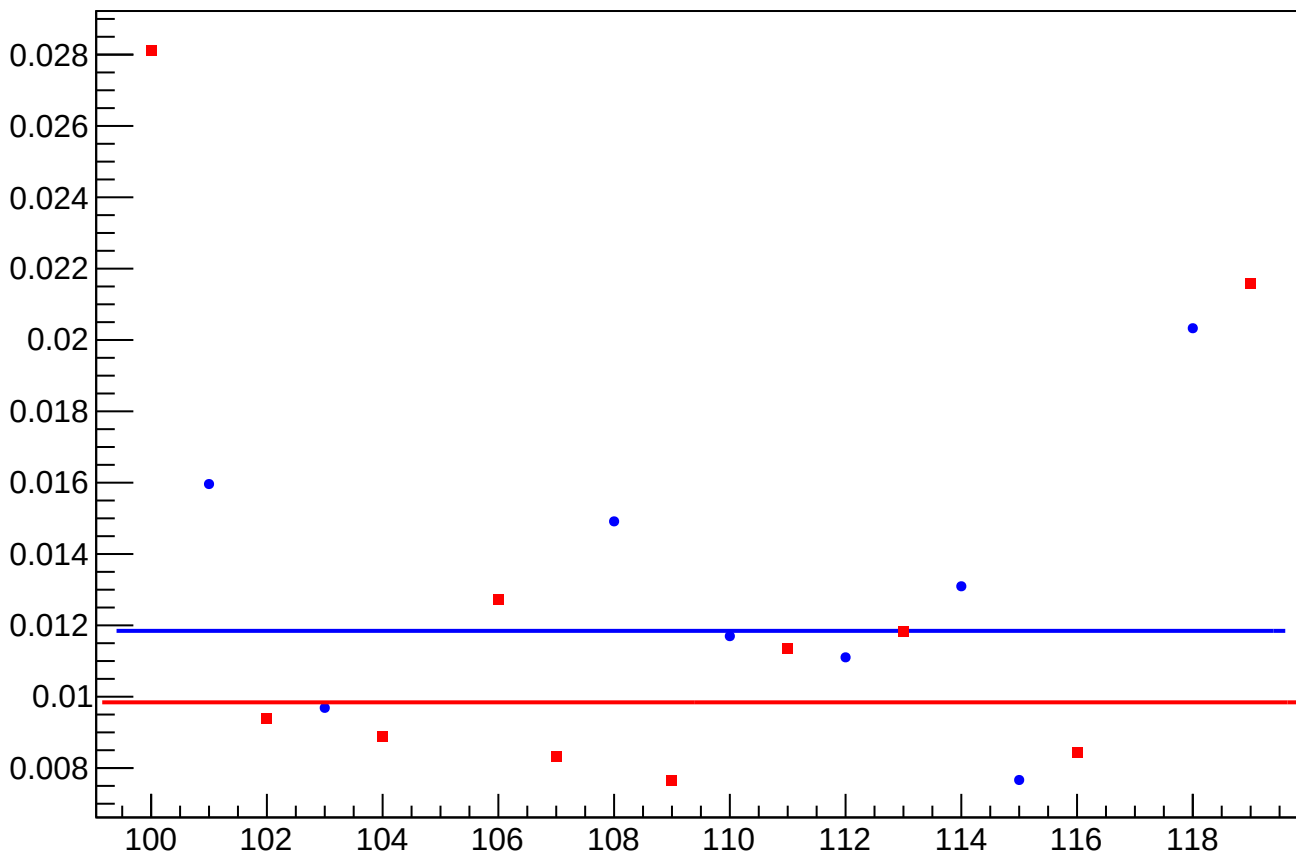
Right: 0.000+/-0.000 χ^2 /NDF: 16.9/17

In: -0.000+/-0.000 χ^2 /NDF:6.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 16.9/17

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 455530.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 595897.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

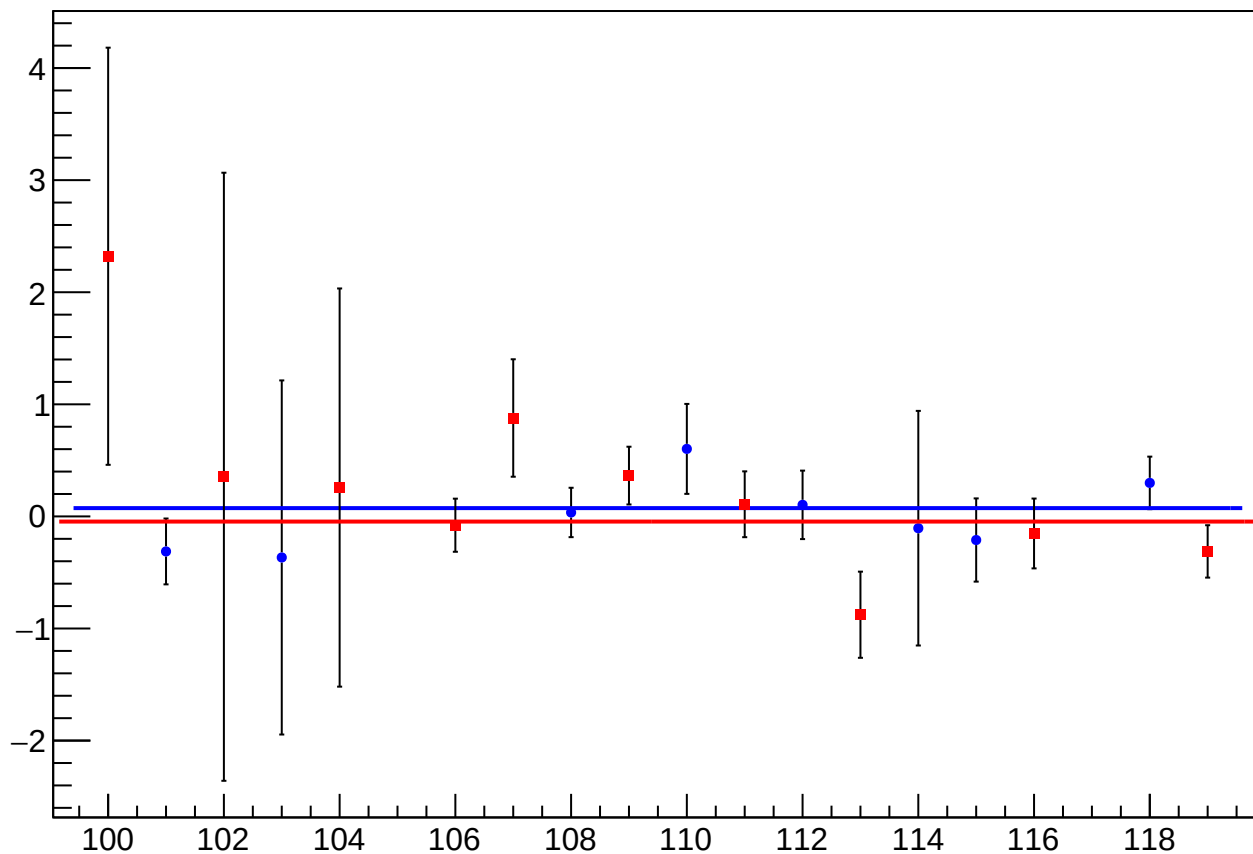
Right: 0.011+/-0.000 χ^2/NDF : 1162490.7/17

In: 0.012+/-0.000 χ^2/NDF :455530.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1162490.7/17

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

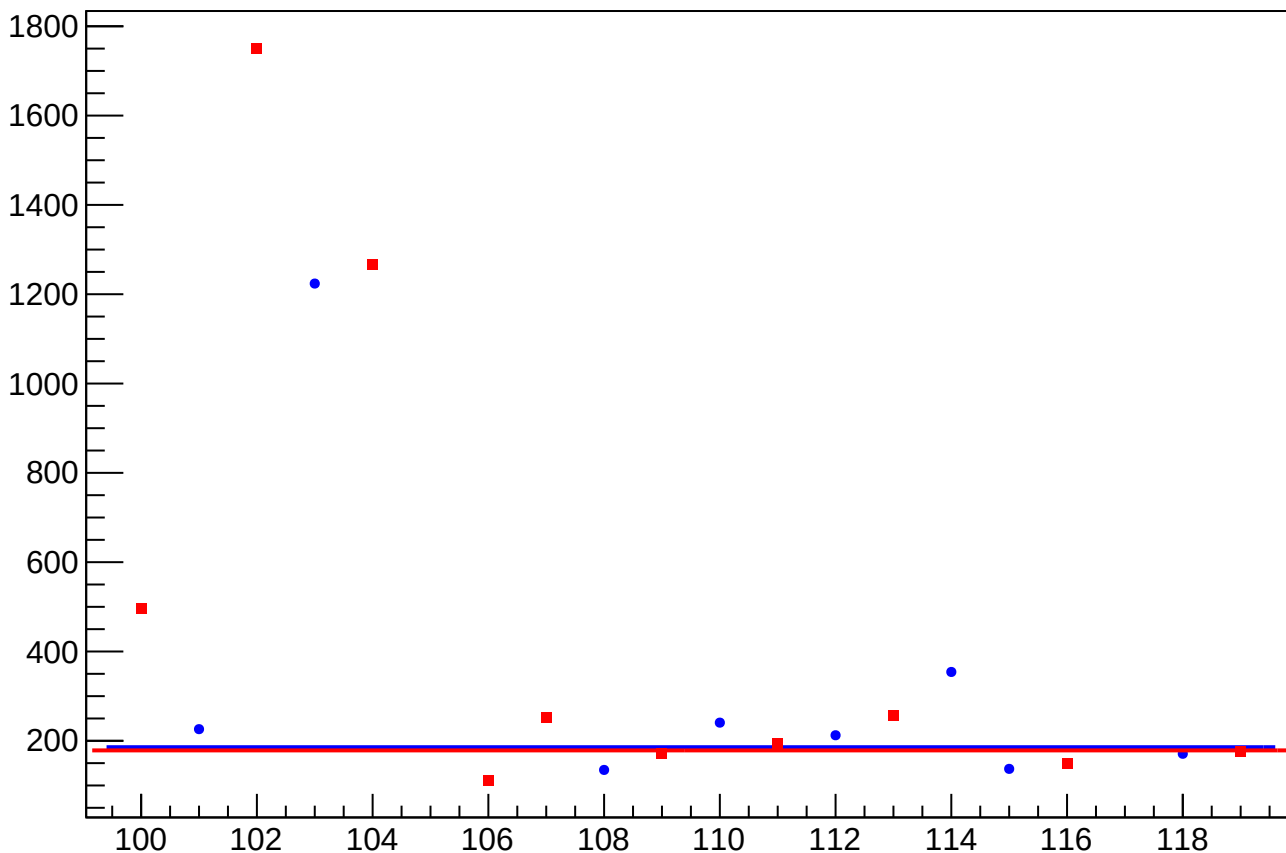
Right: 0.011+/-0.079 χ^2/NDF : 19.4/17

In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.079 χ^2/NDF : 19.4/17

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.667 $\pm$ 0.081 χ^2 /NDF: 1155452.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.546 $\pm$ 0.077 χ^2 /NDF: 1791277.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

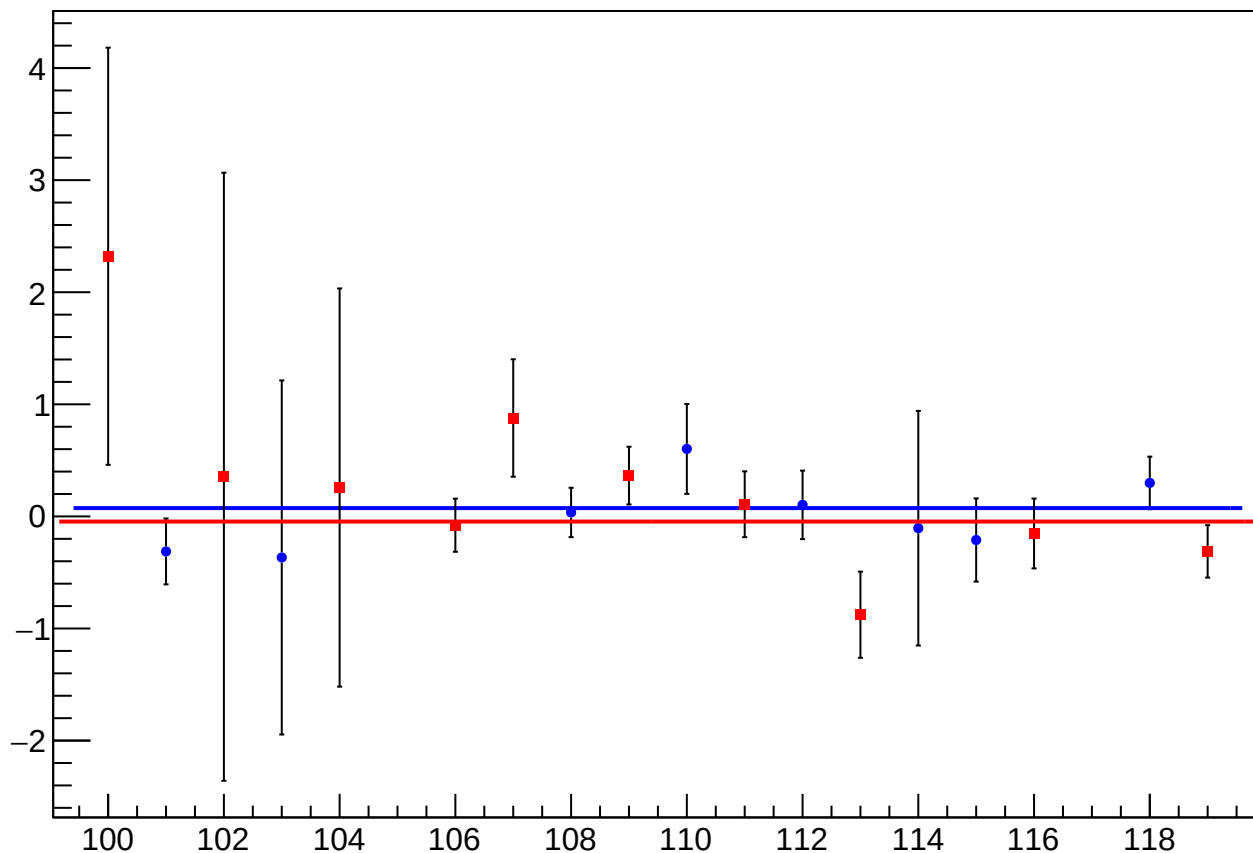
Right: 181.921 $\pm$ 0.056 χ^2 /NDF: 2950779.4/17

In: 185.667 $\pm$ 0.081 χ^2 /NDF:1155452.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.921 $\pm$ 0.056 χ^2 /NDF: 2950779.4/17

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.046+/-0.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

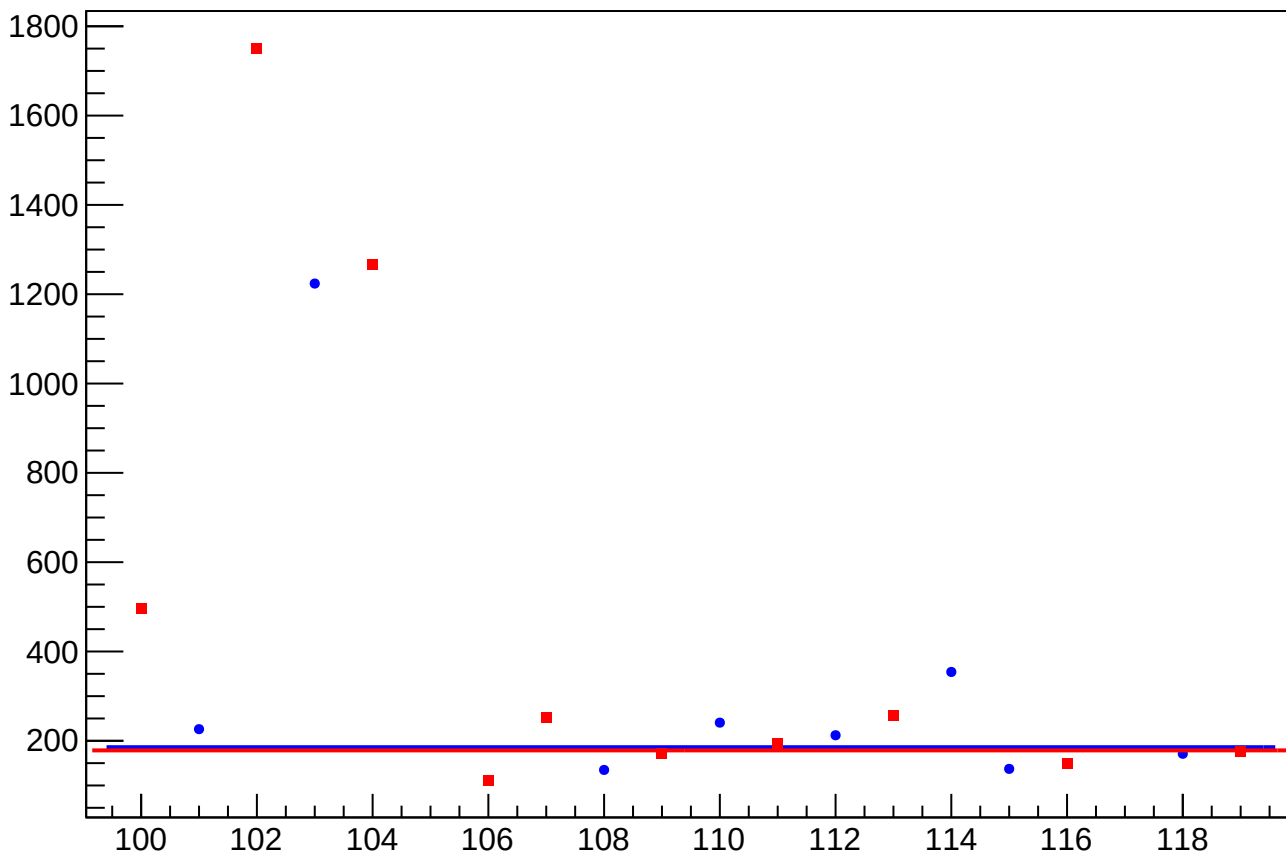
Right: 0.011+/-0.079 χ^2/NDF : 19.4/17

In: 0.074+/-0.115 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.079 χ^2/NDF : 19.4/17

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 185.667+/-0.081 χ^2/NDF : 1155452.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 178.546+/-0.077 χ^2/NDF : 1791277.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

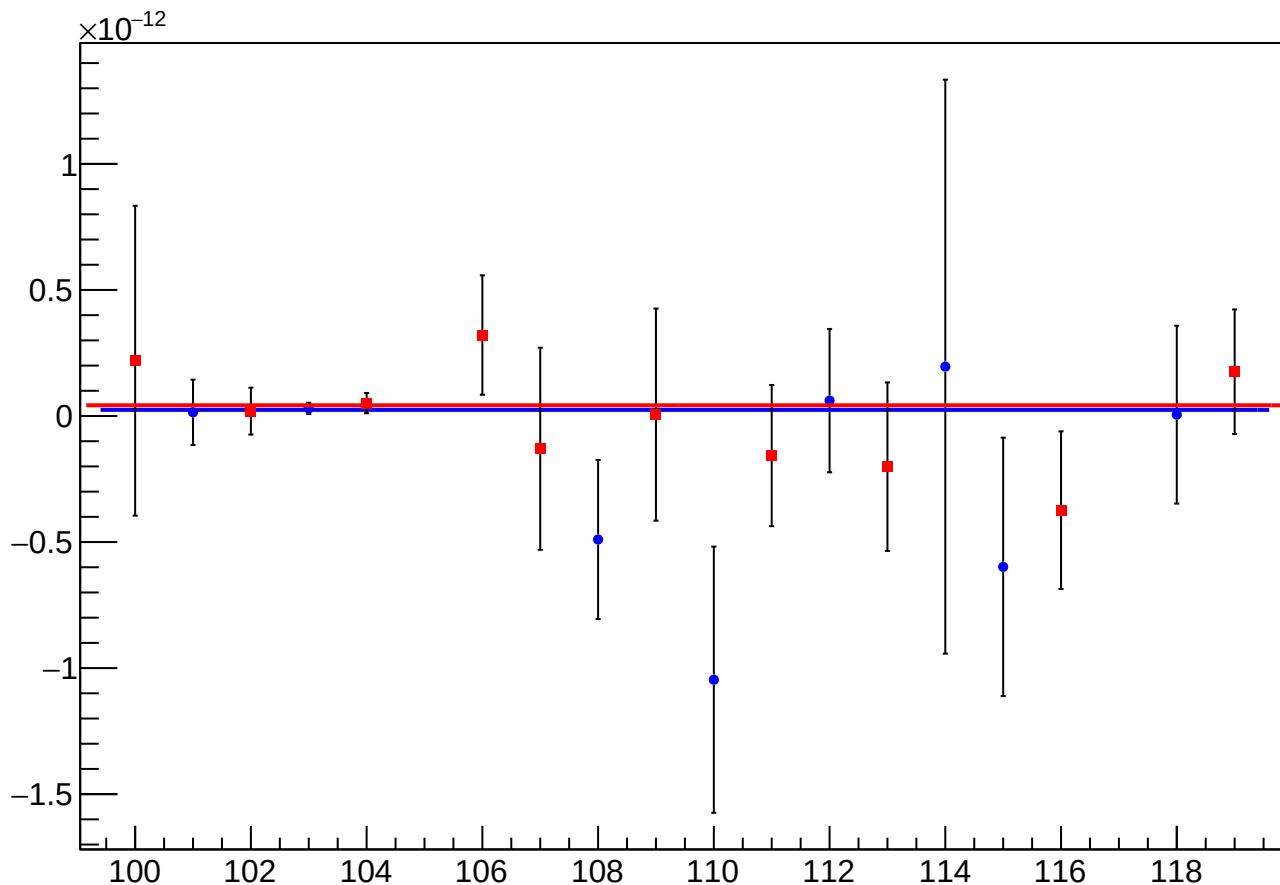
Right: 181.921+/-0.056 χ^2/NDF : 2950779.4/17

In: 185.667+/-0.081 χ^2/NDF :1155452.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.921+/-0.056 χ^2/NDF : 2950779.4/17

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

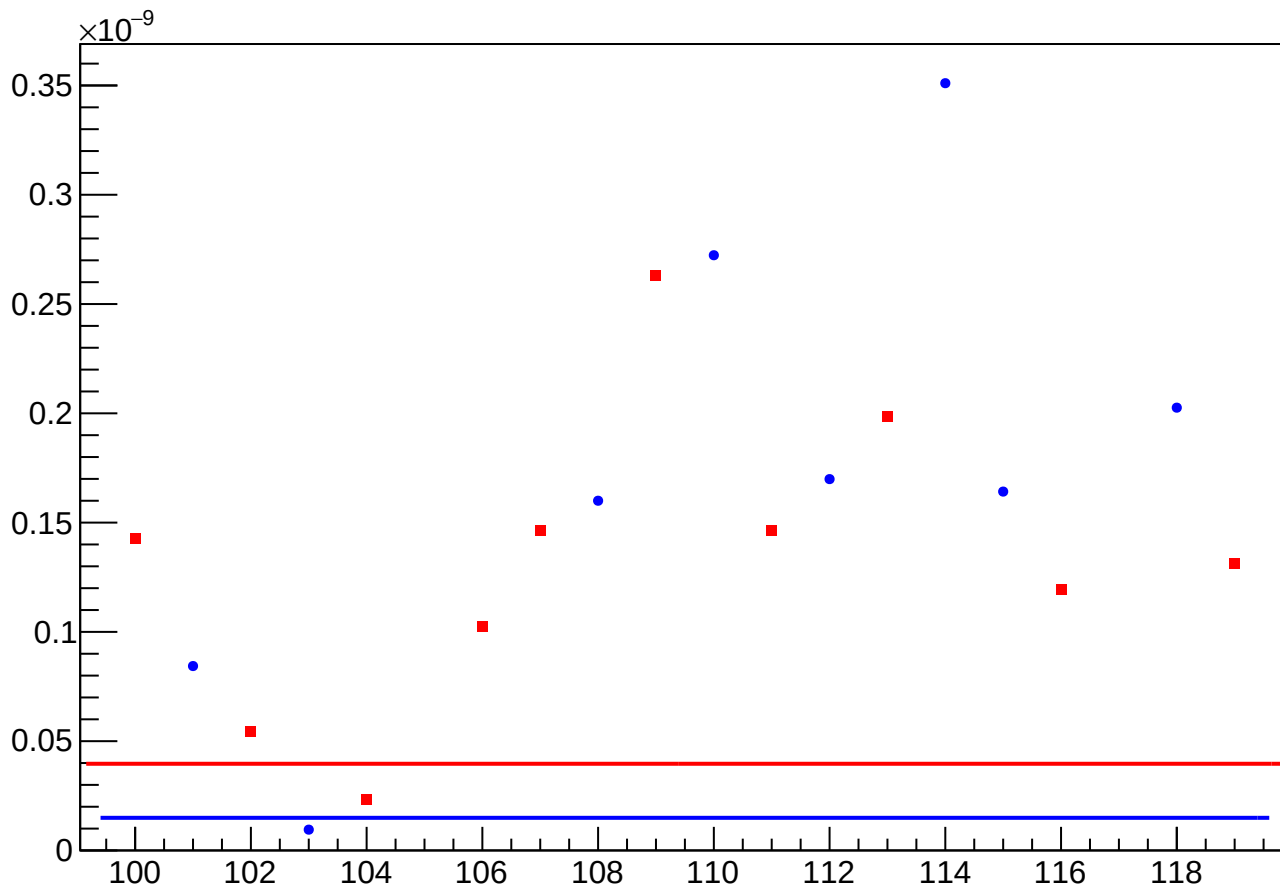
Right: 0.000+/-0.000 χ^2/NDF : 13.4/17

In: 0.000+/-0.000 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.4/17

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3093555.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2435752.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

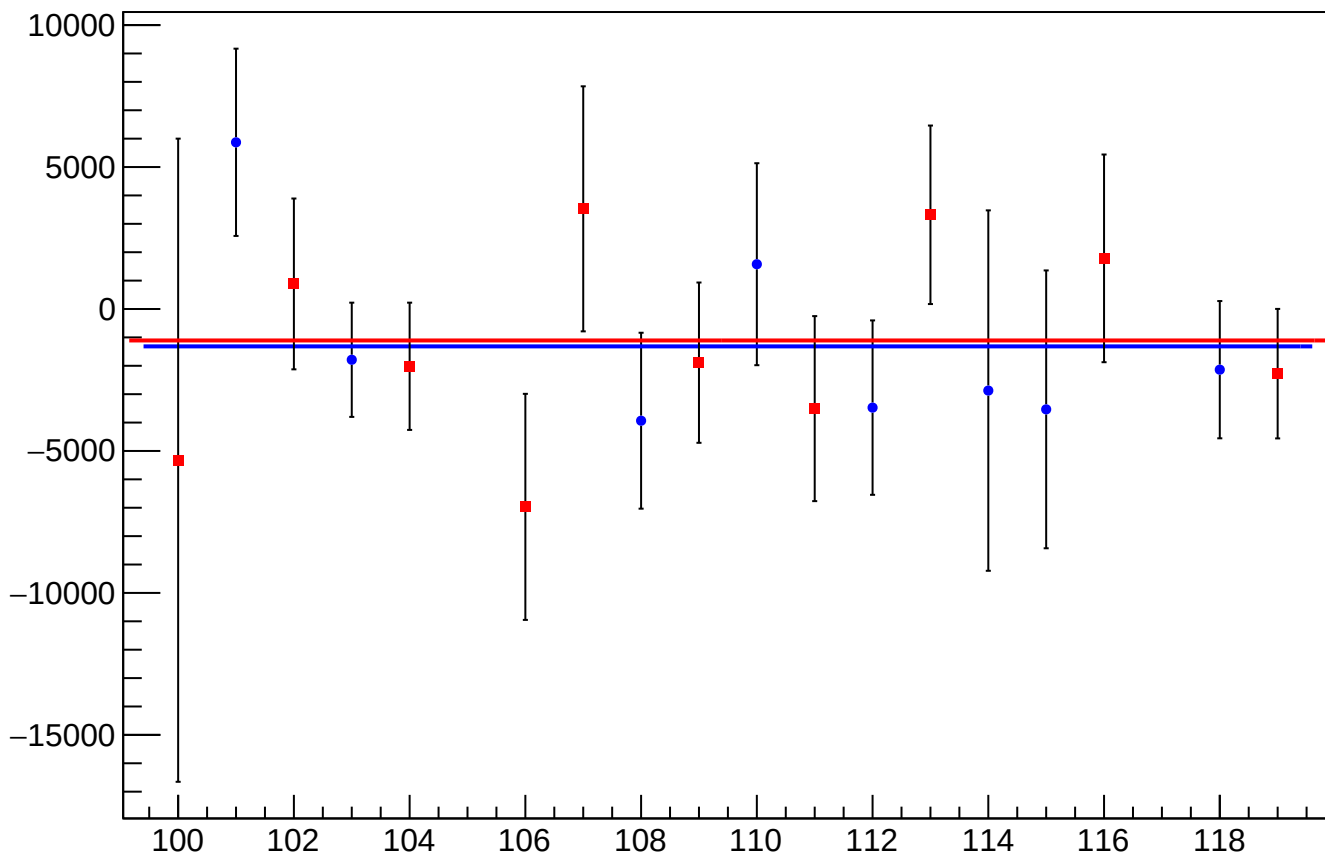
Right: 0.000+/-0.000 χ^2/NDF : 6243636.5/17

In: 0.000+/-0.000 χ^2/NDF : 3093555.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6243636.5/17

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1316.654+/-1074.598 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1107.948+/-989.143 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

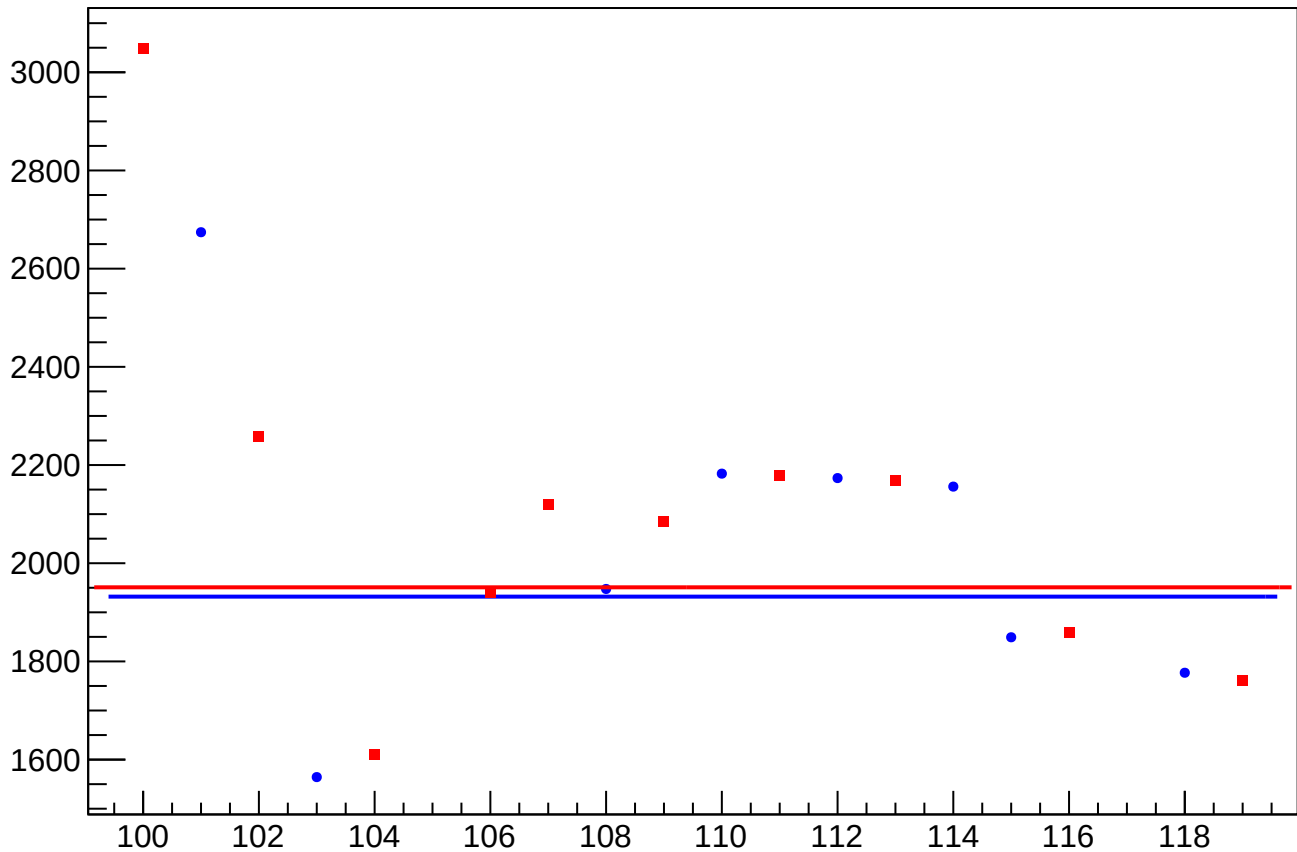
Right: -1203.673+/-727.768 χ^2/NDF : 14.6/17

In: -1316.654+/-1074.598 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1203.673+/-727.768 χ^2/NDF : 14.6/17

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1931.965+/-0.760 χ^2/NDF : 201715.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.944+/-0.696 χ^2/NDF : 128068.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

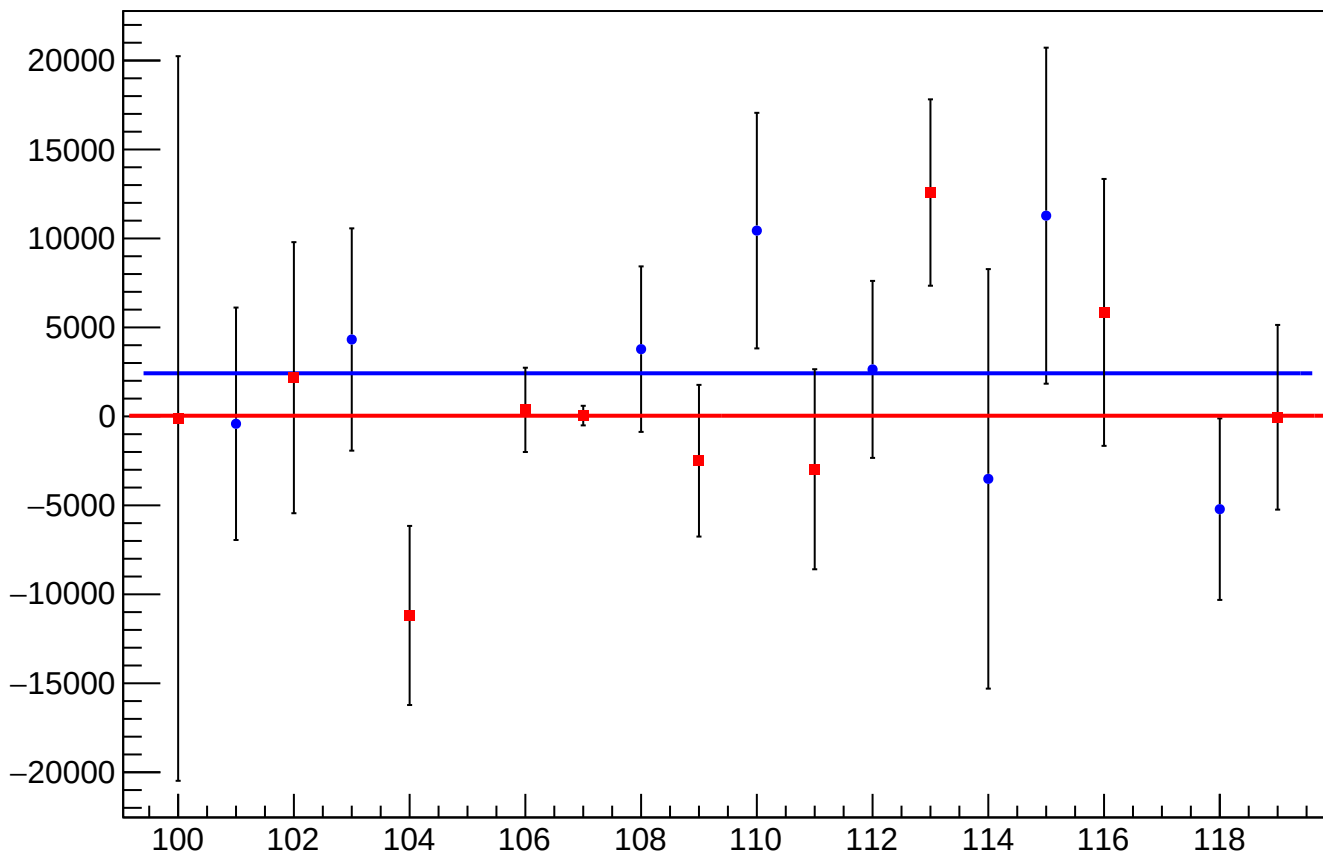
Right: 1942.282+/-0.513 χ^2/NDF : 330122.1/17

In: 1931.965+/-0.760 χ^2/NDF : 201715.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.282+/-0.513 χ^2/NDF : 330122.1/17

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2422.118+/-2154.739 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.107+/-518.727 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

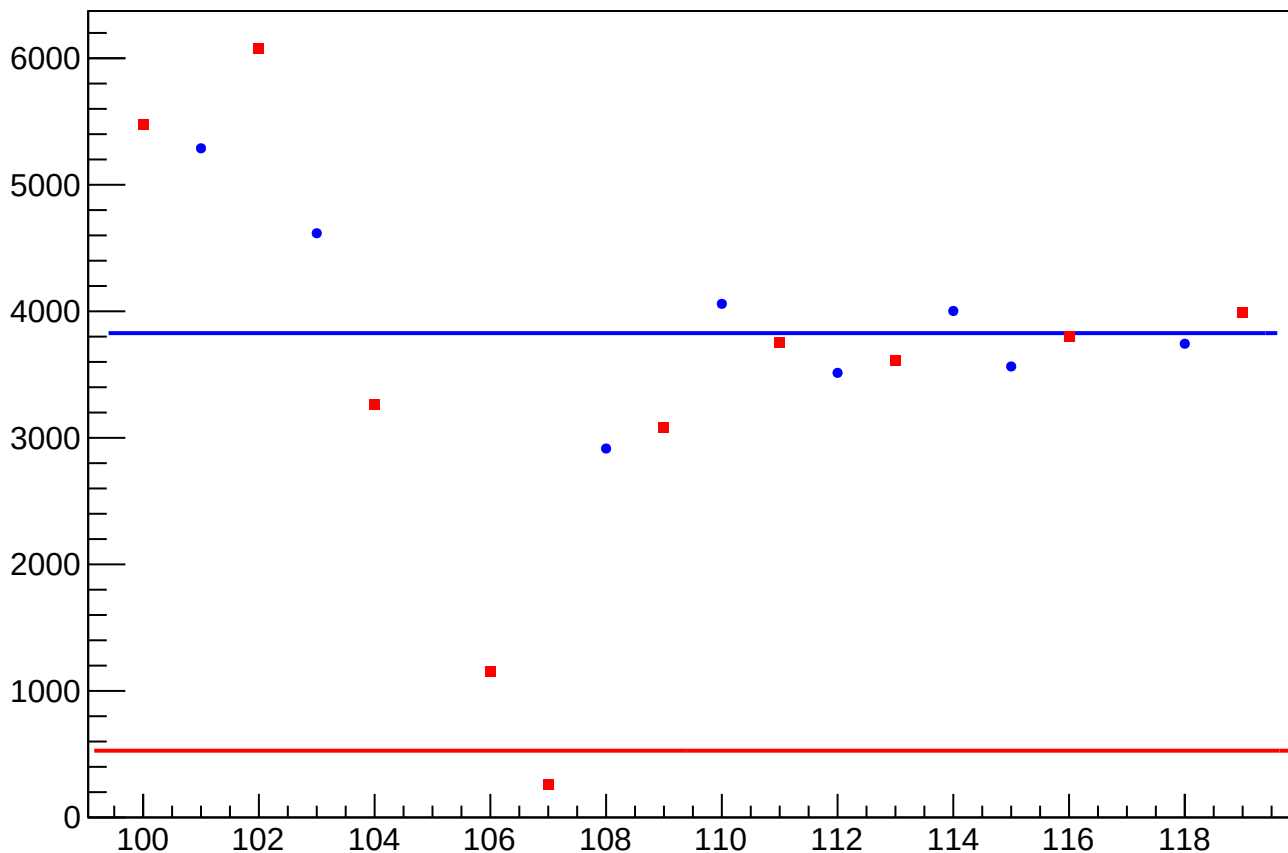
Right: 167.757+/-504.319 χ^2/NDF : 18.4/17

In: 2422.118+/-2154.739 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.757+/-504.319 χ^2/NDF : 18.4/17

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3827.597+/-1.524 χ^2/NDF : 221860.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 527.715+/-0.367 χ^2/NDF : 5711508.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

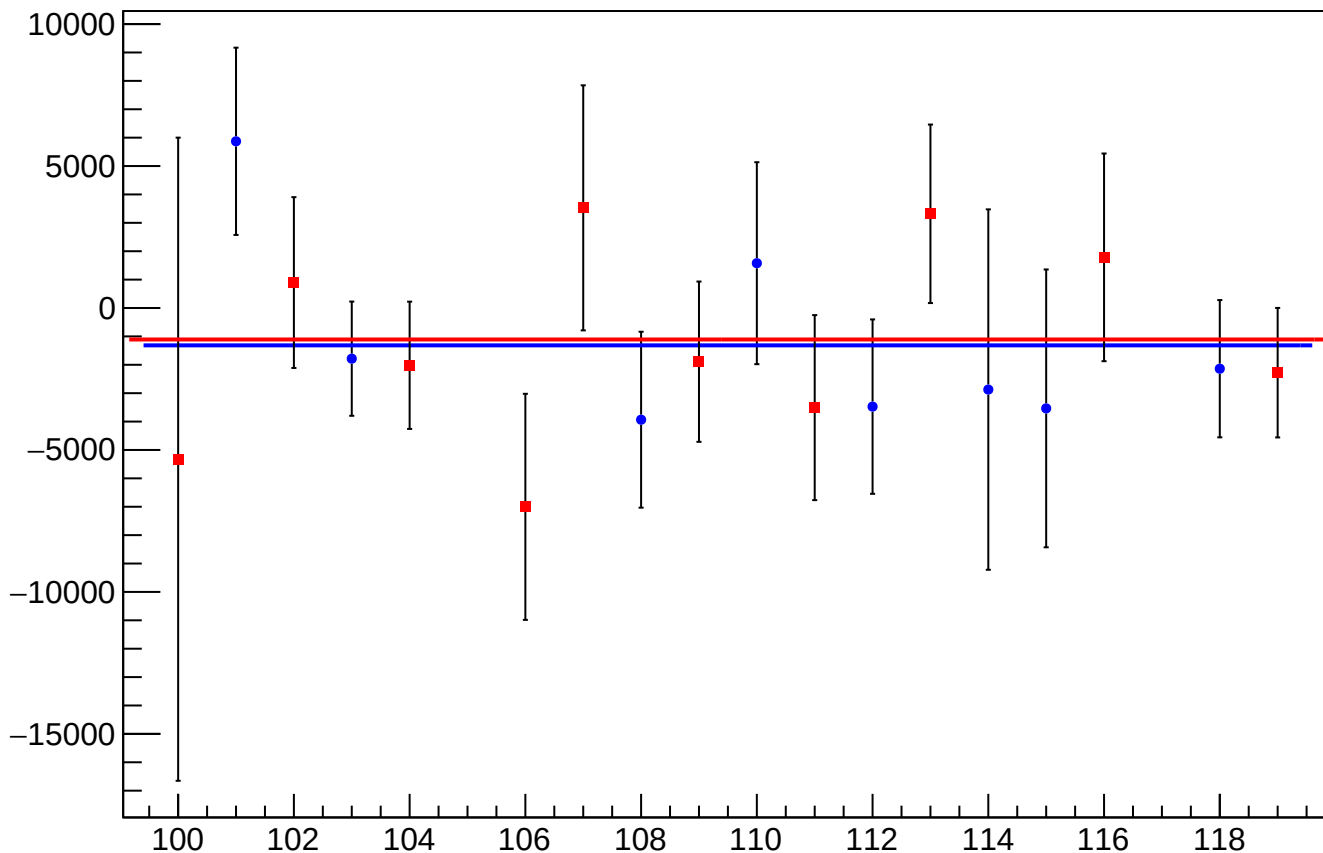
Right: 708.482+/-0.357 χ^2/NDF : 10367113.1/17

In: 3827.597+/-1.524 χ^2/NDF : 221860.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.482+/-0.357 χ^2/NDF : 10367113.1/17

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1315.606 $\pm$ 1074.599 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1108.747 $\pm$ 989.148 χ^2 /NDF: 7.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

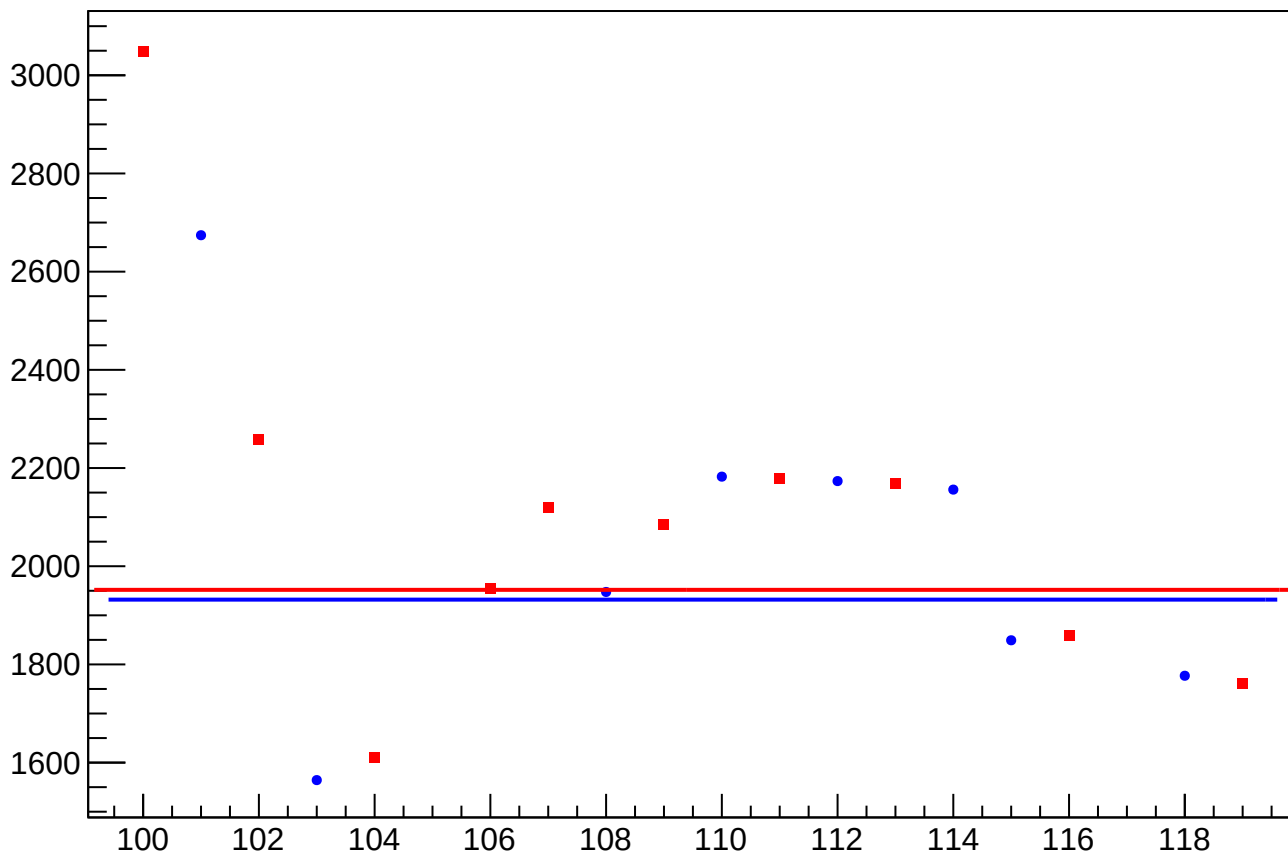
Right: -1203.626 $\pm$ 727.770 χ^2 /NDF: 14.7/17

In: -1315.606 $\pm$ 1074.599 χ^2 /NDF: 7.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1203.626 $\pm$ 727.770 χ^2 /NDF: 14.7/17

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1931.966+/-0.760 χ^2/NDF : 201713.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.895+/-0.697 χ^2/NDF : 128052.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

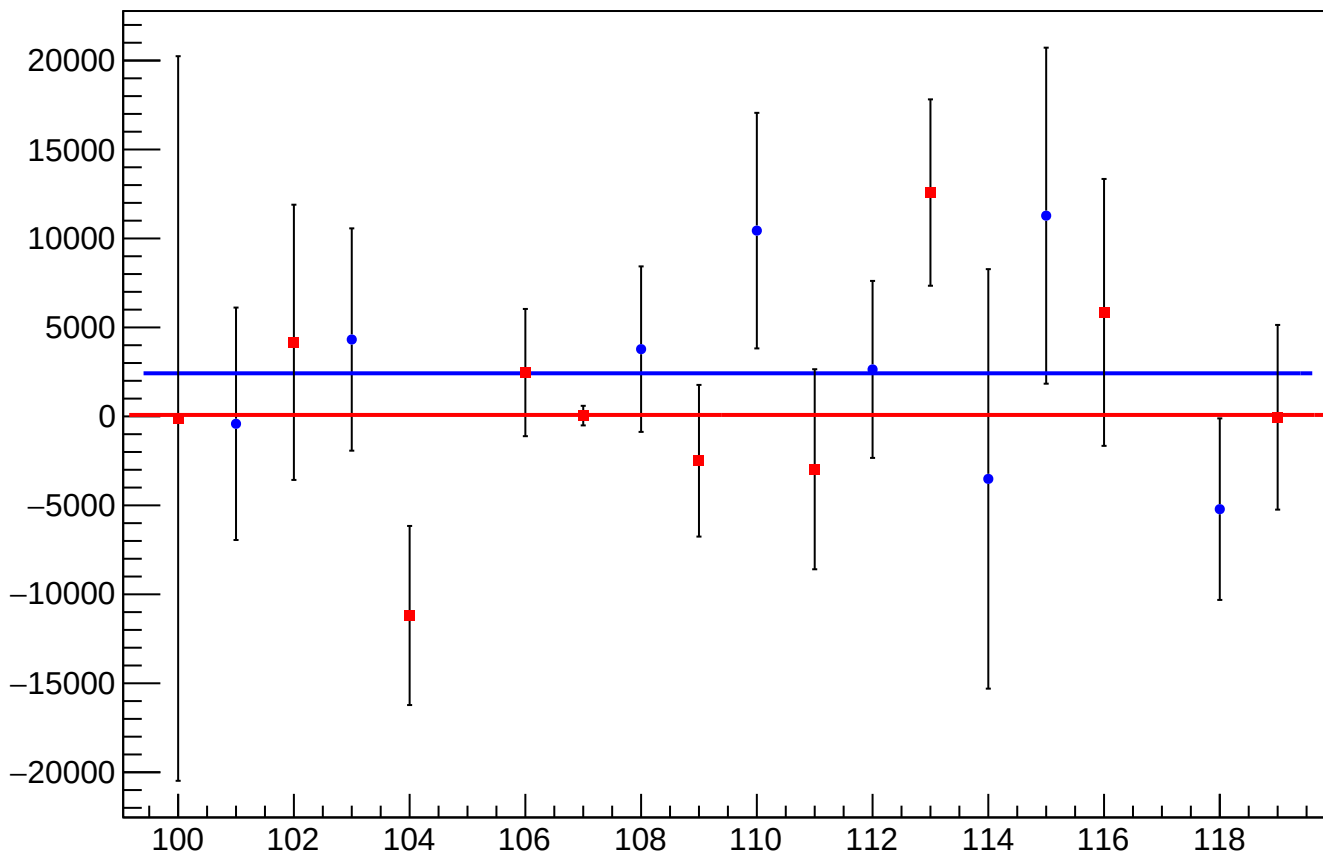
Right: 1942.795+/-0.513 χ^2/NDF : 330140.4/17

In: 1931.966+/-0.760 χ^2/NDF : 201713.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.795+/-0.513 χ^2/NDF : 330140.4/17

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2422.064+/-2154.757 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.640+/-525.855 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

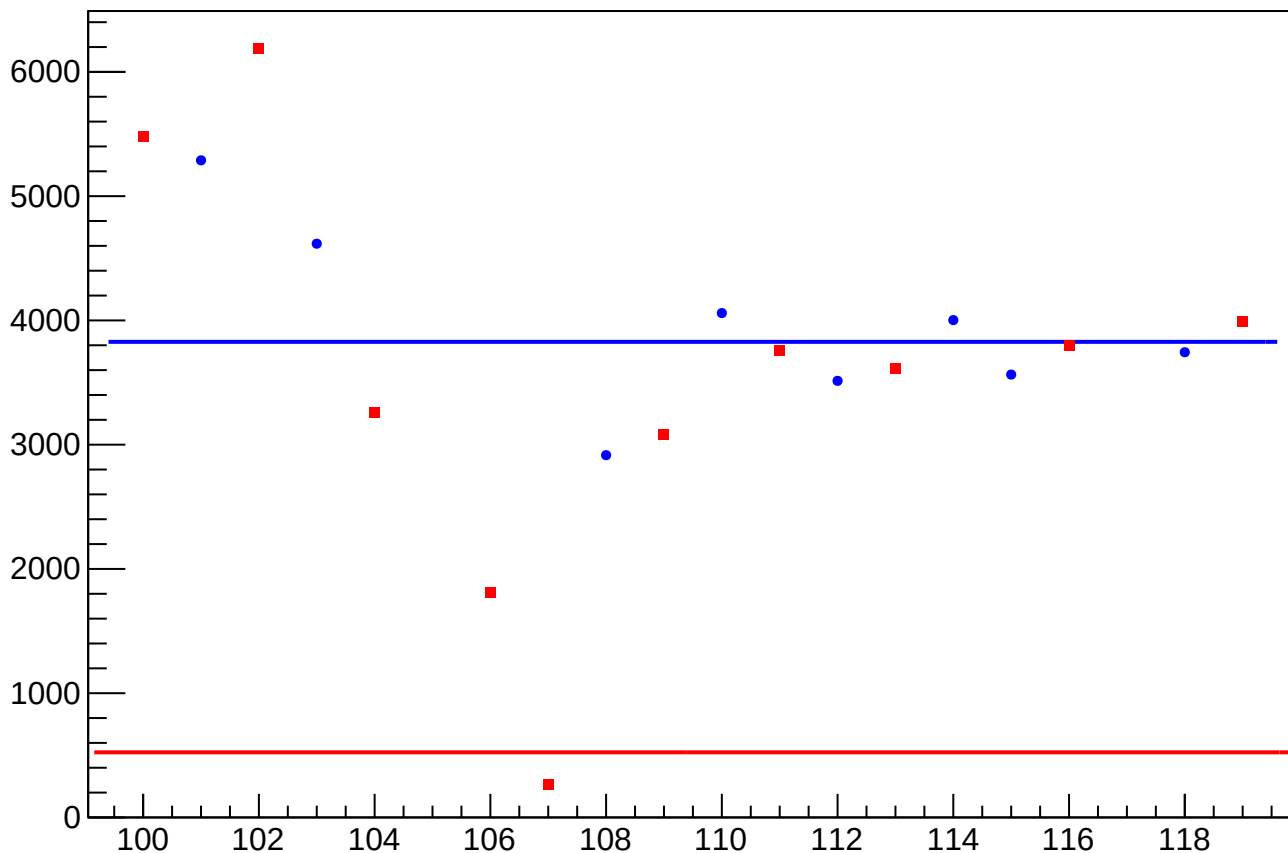
Right: 213.194+/-510.862 χ^2/NDF : 19.0/17

In: 2422.064+/-2154.757 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.194+/-510.862 χ^2/NDF : 19.0/17

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3827.617+/-1.524 χ^2/NDF : 221882.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.118+/-0.372 χ^2/NDF : 5837135.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

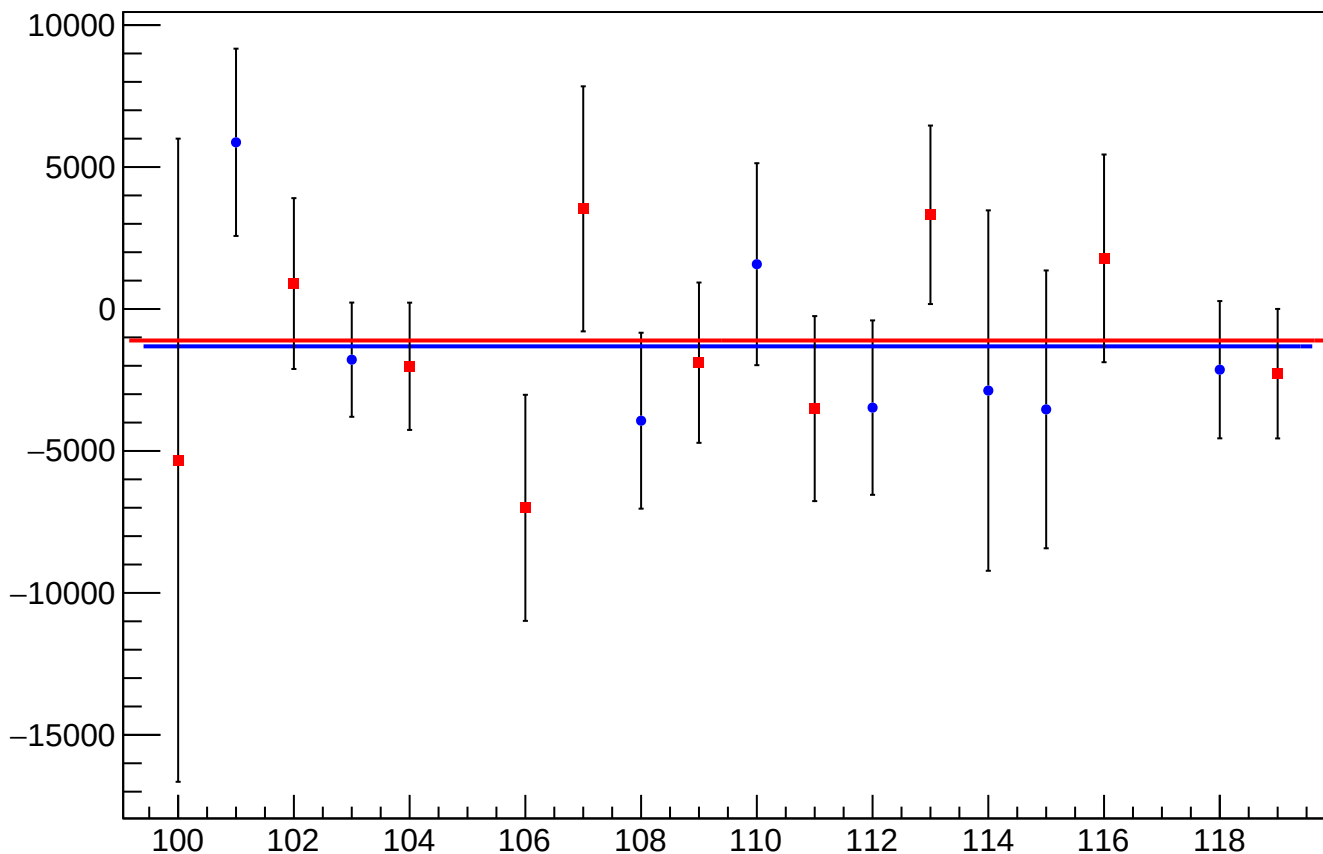
Right: 709.806+/-0.361 χ^2/NDF : 10495690.7/17

In: 3827.617+/-1.524 χ^2/NDF : 221882.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.806+/-0.361 χ^2/NDF : 10495690.7/17

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1315.606+/-1074.599 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1108.747+/-989.148 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

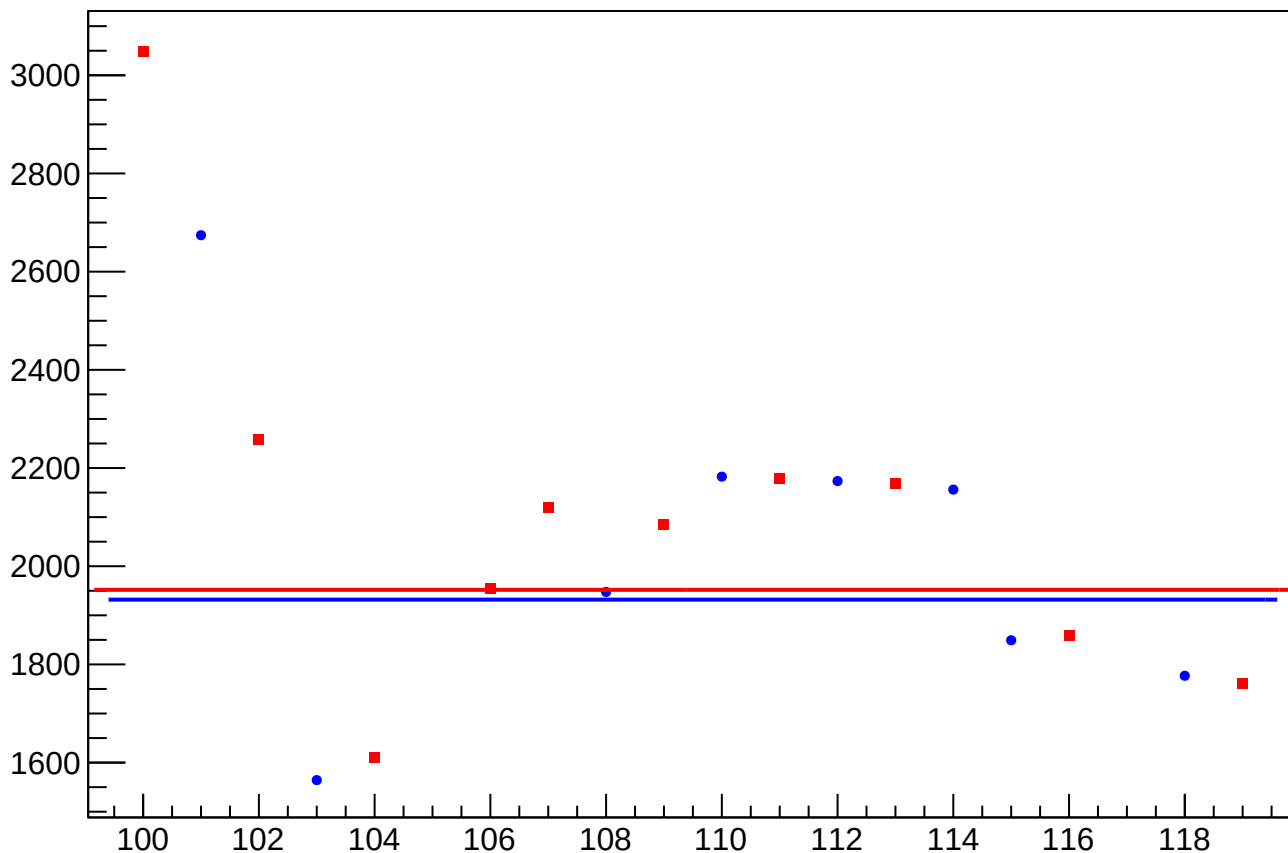
Right: -1203.626+/-727.770 χ^2/NDF : 14.7/17

In: -1315.606+/-1074.599 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1203.626+/-727.770 χ^2/NDF : 14.7/17

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1931.966+/-0.760 χ^2/NDF : 201713.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1951.895+/-0.697 χ^2/NDF : 128052.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

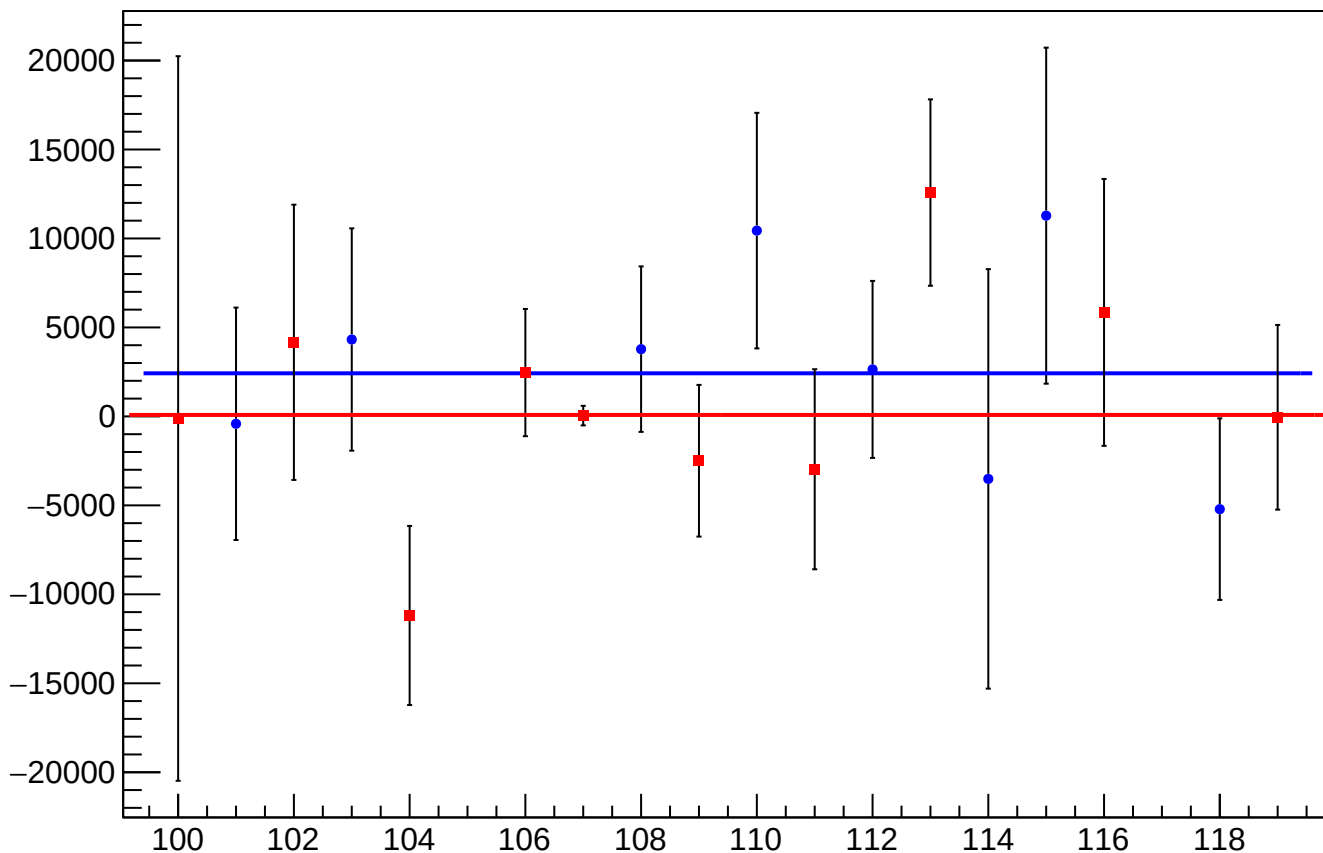
Right: 1942.795+/-0.513 χ^2/NDF : 330140.4/17

In: 1931.966+/-0.760 χ^2/NDF :201713.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1942.795+/-0.513 χ^2/NDF : 330140.4/17

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2422.064+/-2154.757 χ^2 /NDF: 5.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 81.640+/-525.855 χ^2 /NDF: 12.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

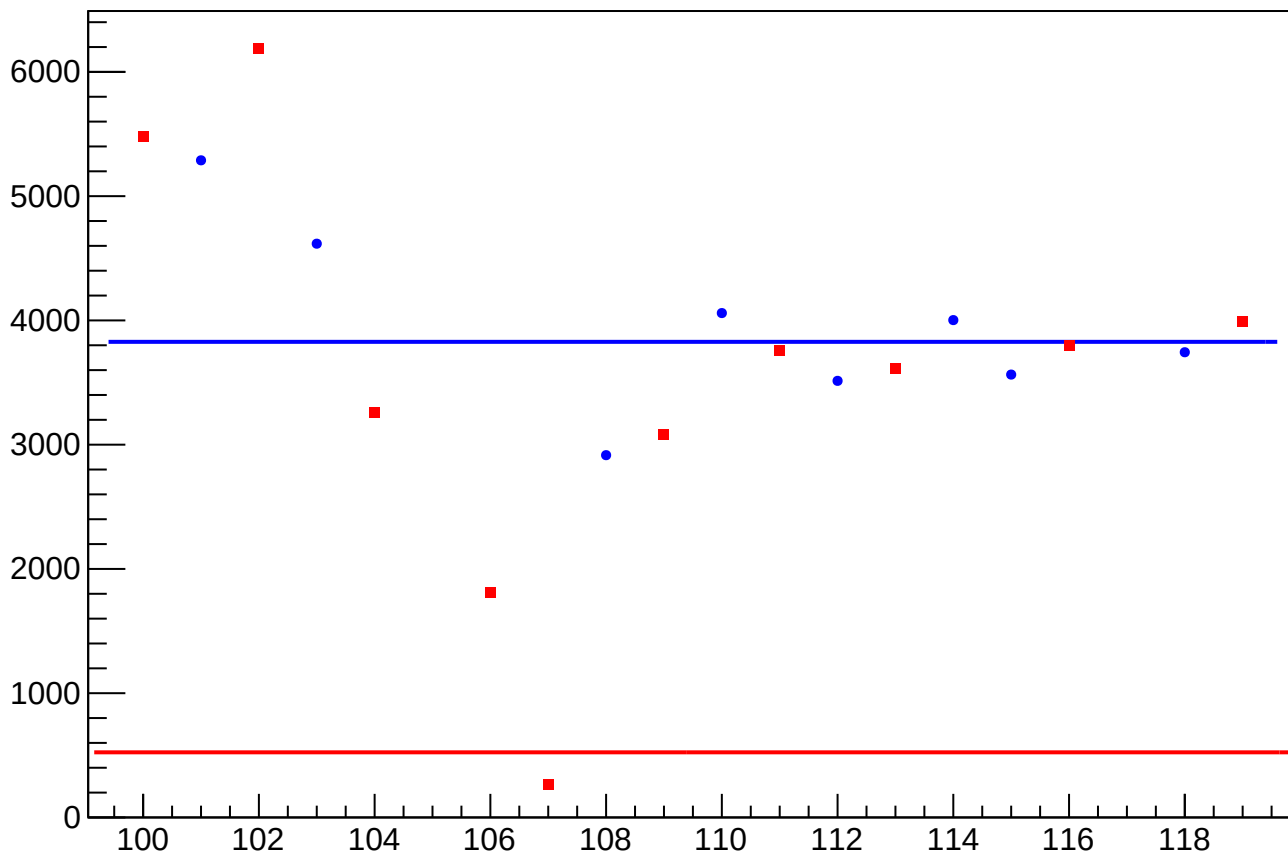
Right: 213.194+/-510.862 χ^2 /NDF: 19.0/17

In: 2422.064+/-2154.757 χ^2 /NDF:5.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 213.194+/-510.862 χ^2 /NDF: 19.0/17

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3827.617 $\pm$ 1.524 χ^2 /NDF: 221882.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 524.118 $\pm$ 0.372 χ^2 /NDF: 5837135.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

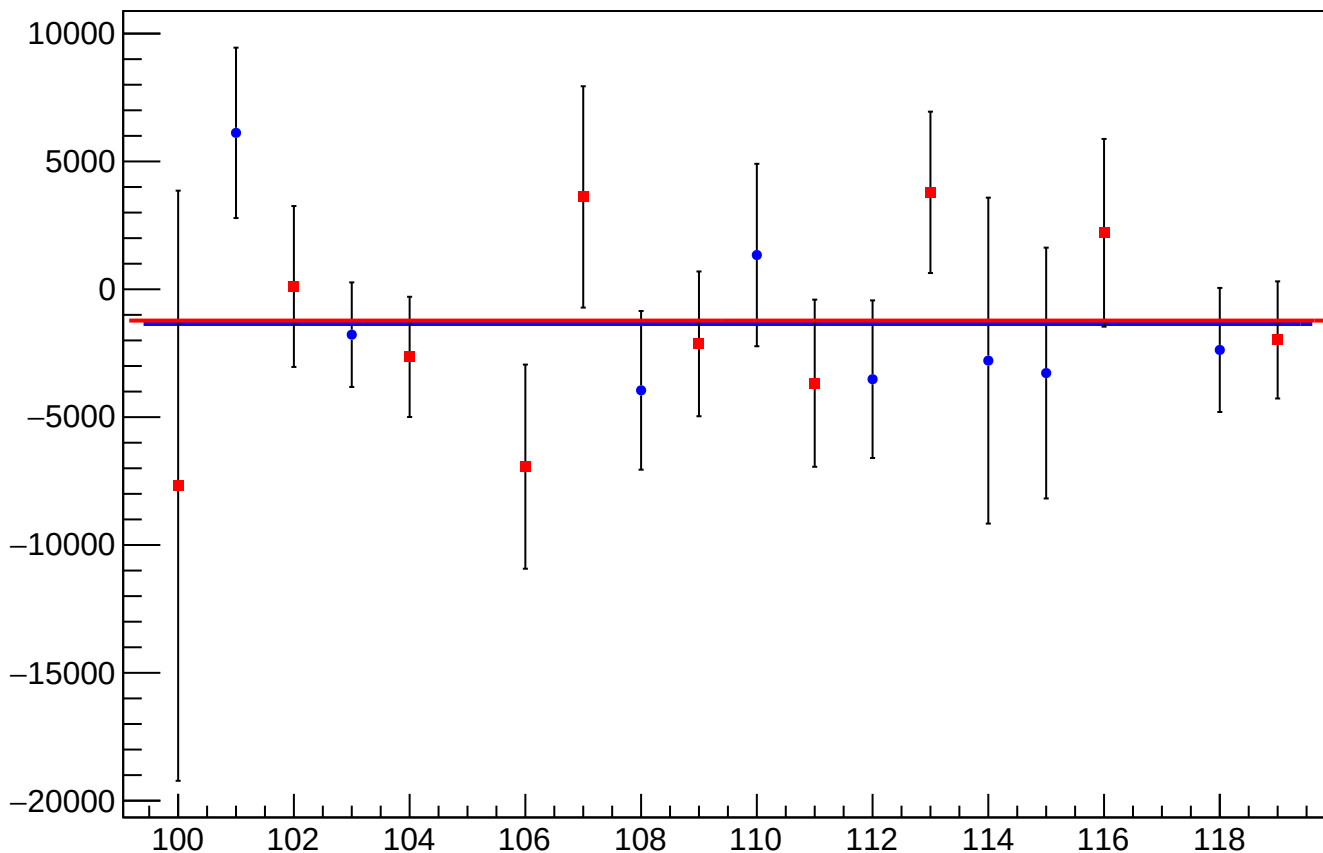
Right: 709.806 $\pm$ 0.361 χ^2 /NDF: 10495690.7/17

In: 3827.617 $\pm$ 1.524 χ^2 /NDF:221882.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 709.806 $\pm$ 0.361 χ^2 /NDF: 10495690.7/17

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1355.789+/-1082.713 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1223.328+/-1005.407 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

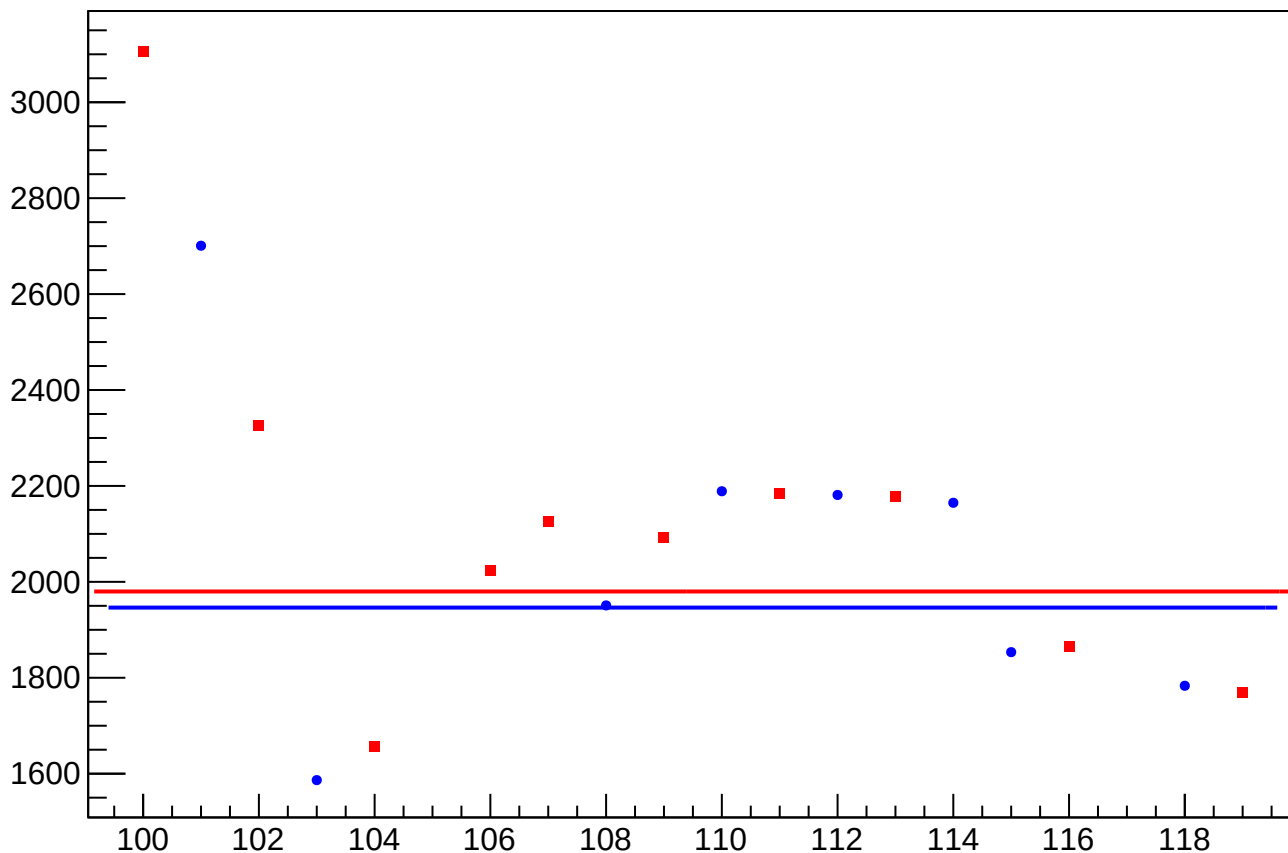
Right: -1284.661+/-736.745 χ^2/NDF : 15.6/17

In: -1355.789+/-1082.713 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1284.661+/-736.745 χ^2/NDF : 15.6/17

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1946.333+/-0.766 χ^2/NDF : 197440.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.897+/-0.710 χ^2/NDF : 121293.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

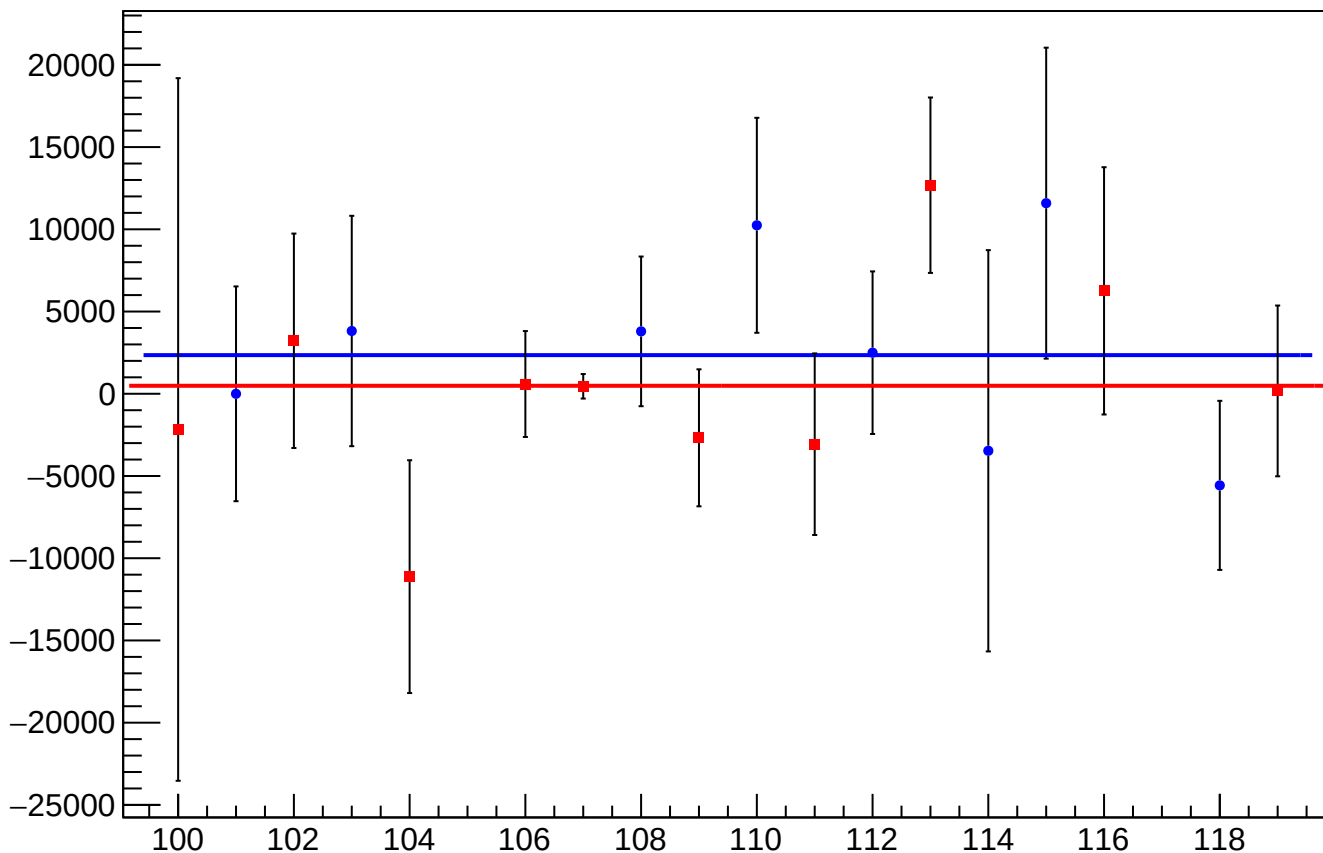
Right: 1964.385+/-0.520 χ^2/NDF : 319768.1/17

In: 1946.333+/-0.766 χ^2/NDF : 197440.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.385+/-0.520 χ^2/NDF : 319768.1/17

asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 2349.481+/-2170.773 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.926+/-686.673 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

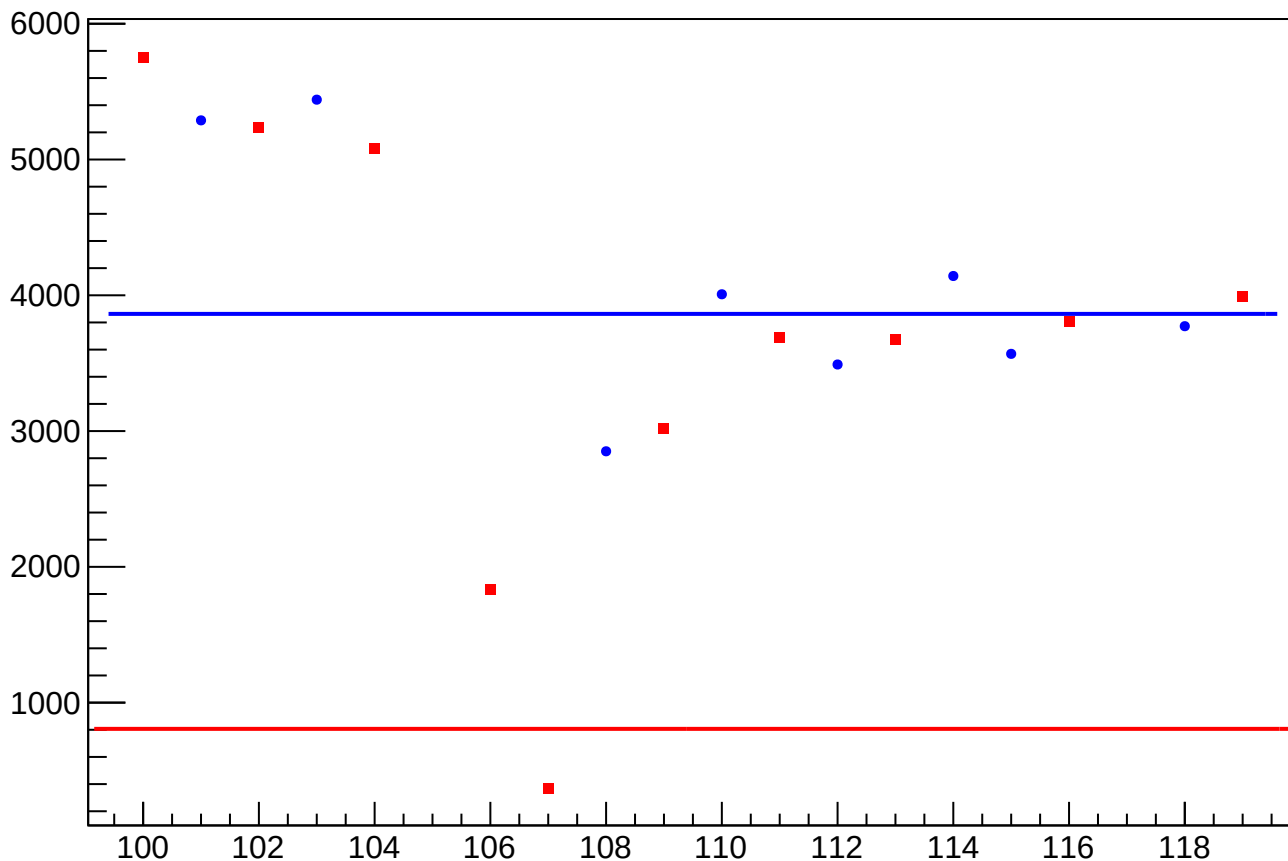
Right: 655.436+/-654.698 χ^2/NDF : 15.7/17

In: 2349.481+/-2170.773 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.436+/-654.698 χ^2/NDF : 15.7/17

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3863.040+/-1.535 χ^2/NDF : 311650.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.802+/-0.486 χ^2/NDF : 5417185.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

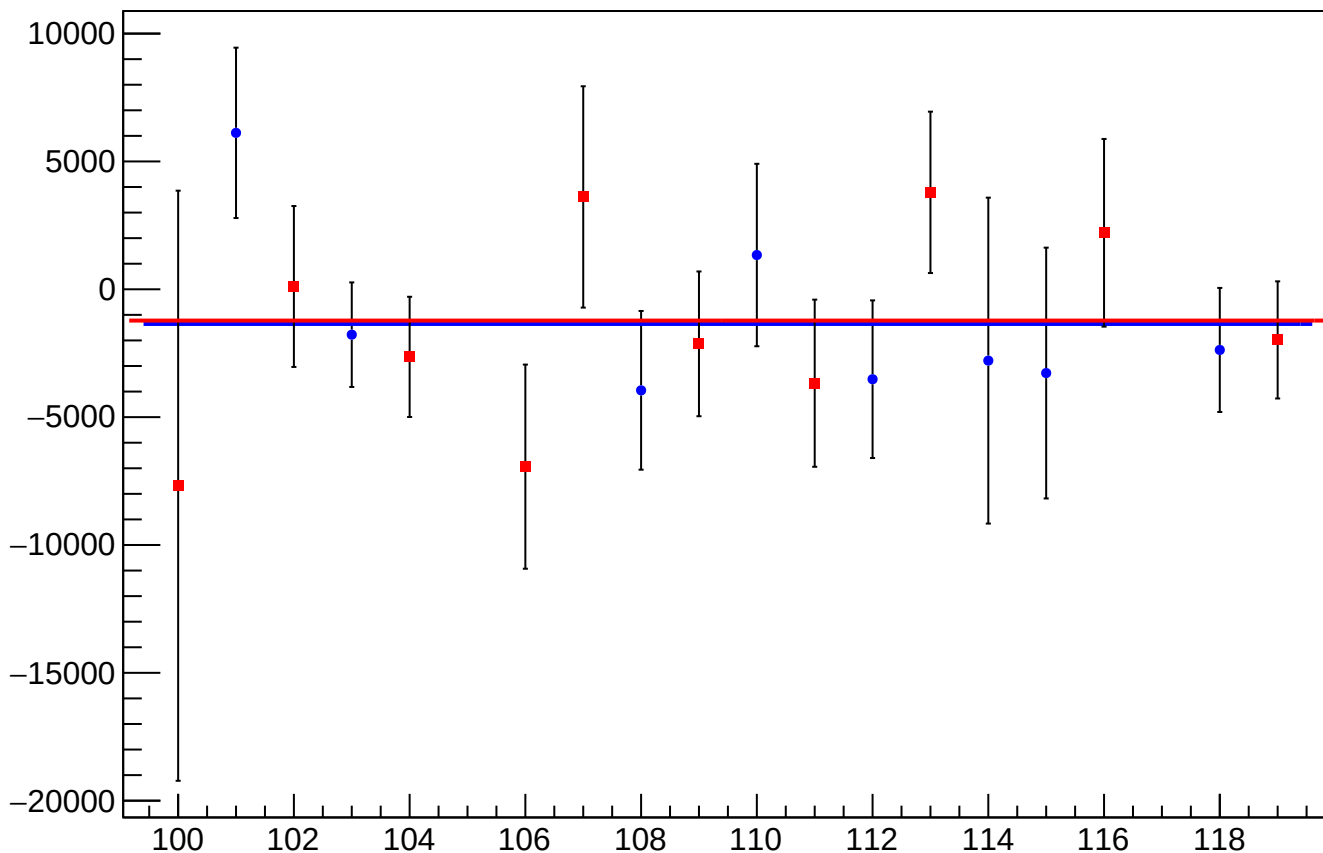
Right: 1084.800+/-0.463 χ^2/NDF : 9332612.9/17

In: 3863.040+/-1.535 χ^2/NDF : 311650.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.800+/-0.463 χ^2/NDF : 9332612.9/17

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1355.786+/-1082.713 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1223.335+/-1005.407 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

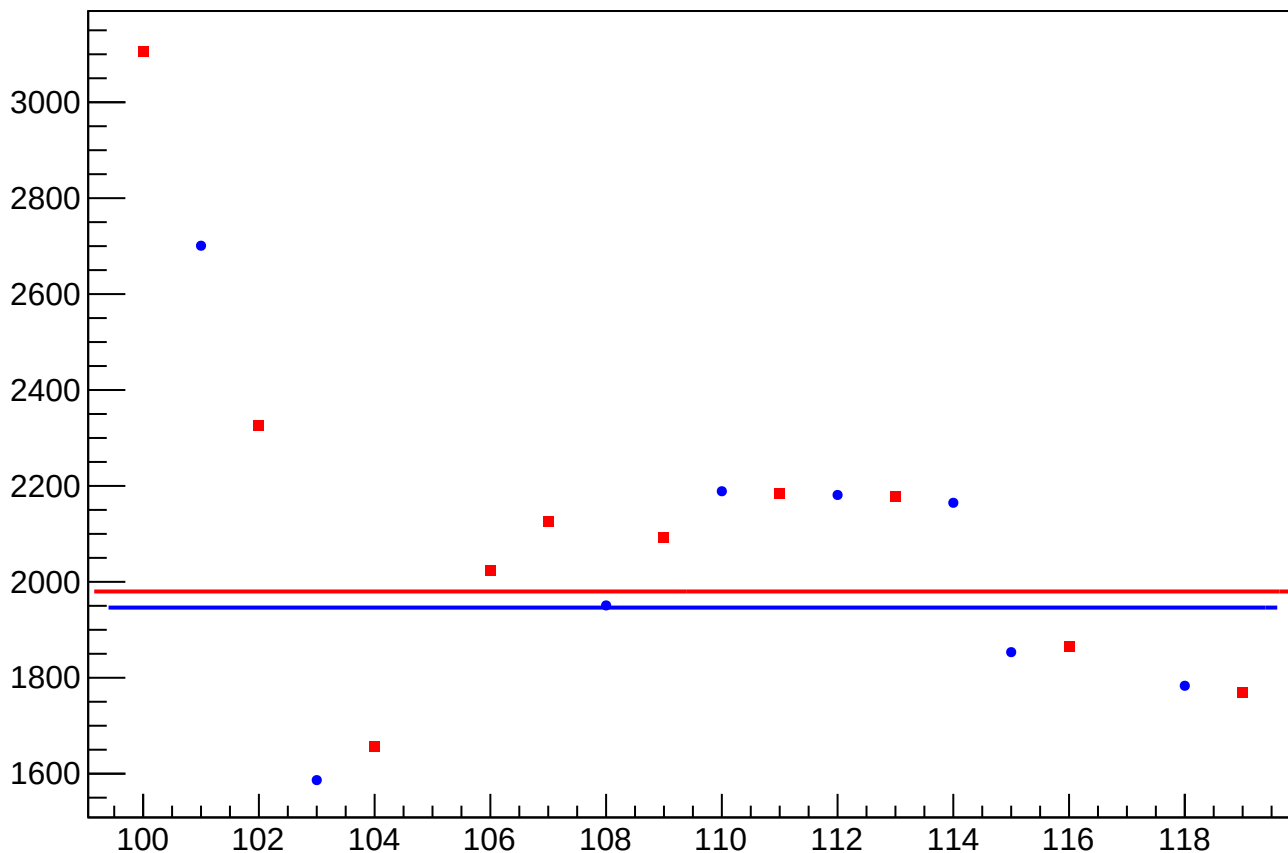
Right: -1284.664+/-736.745 χ^2/NDF : 15.6/17

In: -1355.786+/-1082.713 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1284.664+/-736.745 χ^2/NDF : 15.6/17

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1946.333+/-0.766 χ^2/NDF : 197440.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.897+/-0.710 χ^2/NDF : 121293.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

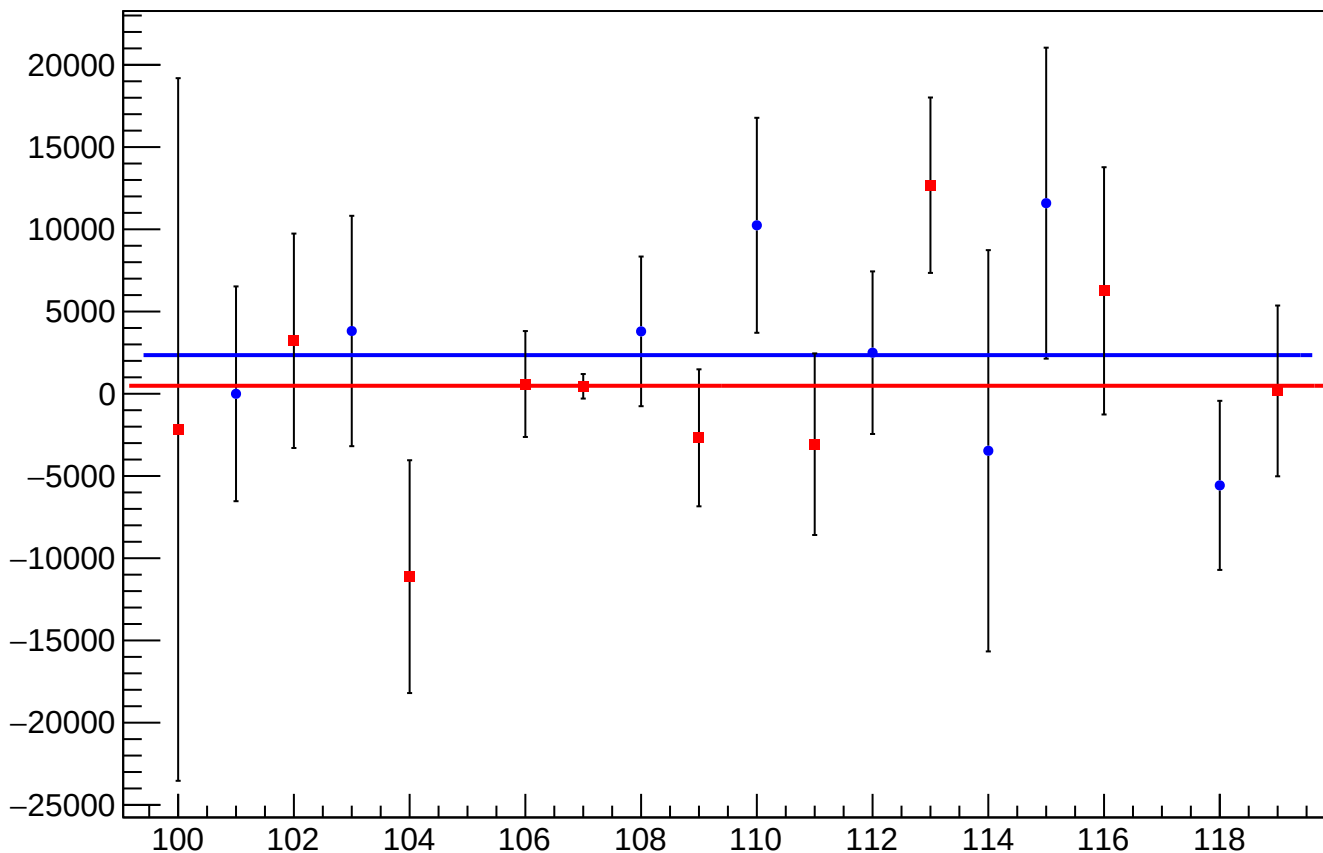
Right: 1964.385+/-0.520 χ^2/NDF : 319767.9/17

In: 1946.333+/-0.766 χ^2/NDF : 197440.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.385+/-0.520 χ^2/NDF : 319767.9/17

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 2349.475+/-2170.770 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.934+/-686.685 χ^2/NDF : 9.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

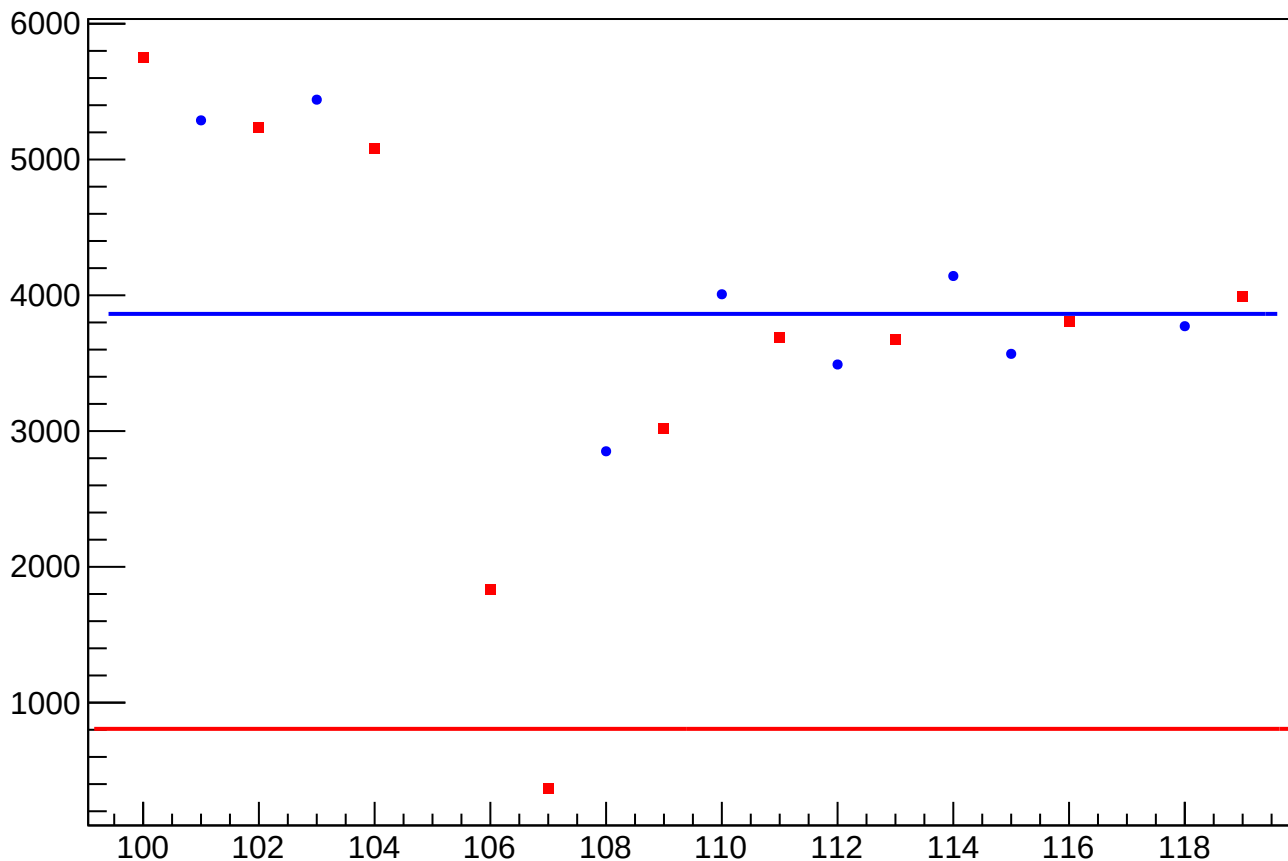
Right: 655.449+/-654.709 χ^2/NDF : 15.7/17

In: 2349.475+/-2170.770 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.449+/-654.709 χ^2/NDF : 15.7/17

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3863.035+/-1.535 χ^2/NDF : 311649.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 806.826+/-0.486 χ^2/NDF : 5417125.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

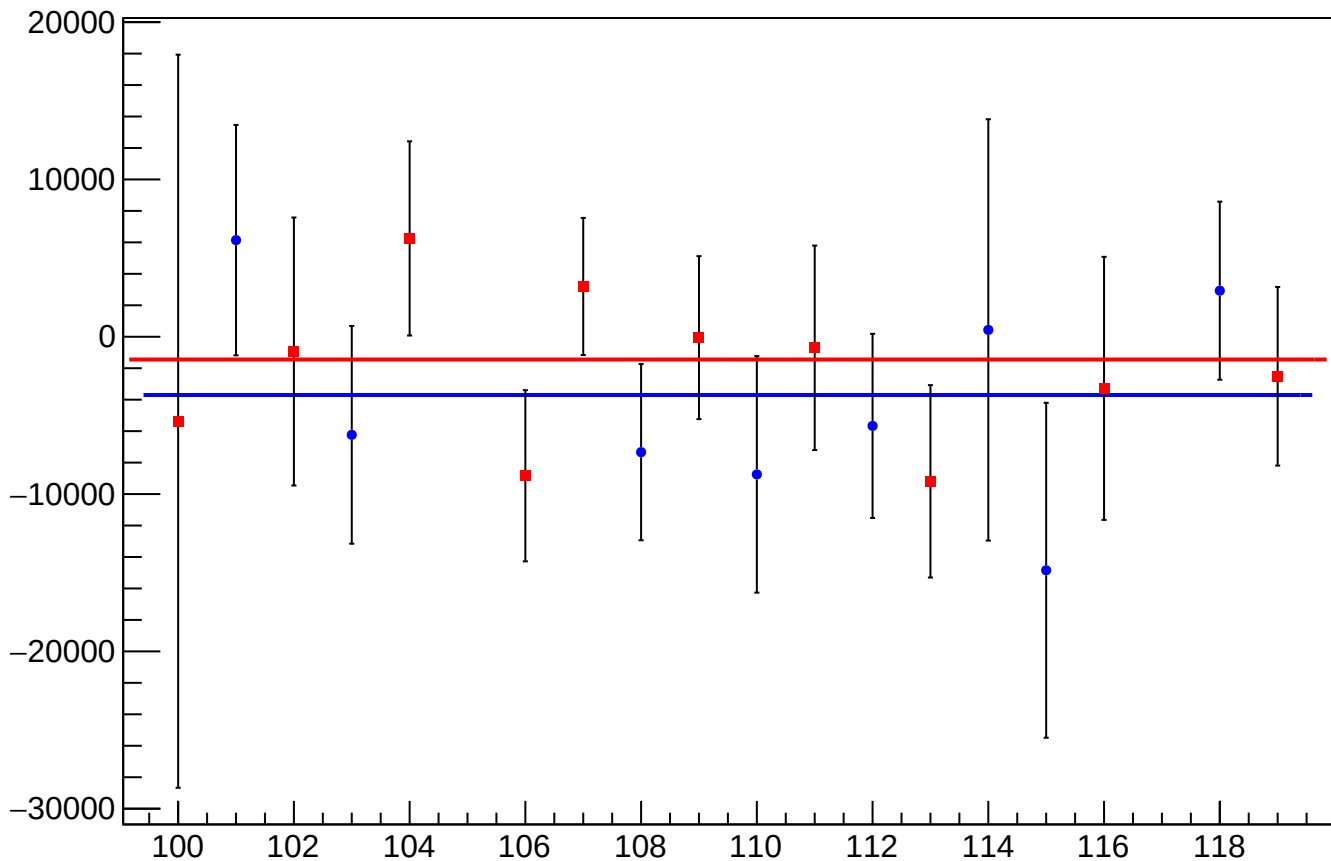
Right: 1084.830+/-0.463 χ^2/NDF : 9332482.4/17

In: 3863.035+/-1.535 χ^2/NDF : 311649.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1084.830+/-0.463 χ^2/NDF : 9332482.4/17

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -3702.707+/-2469.990 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1446.645+/-1956.133 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

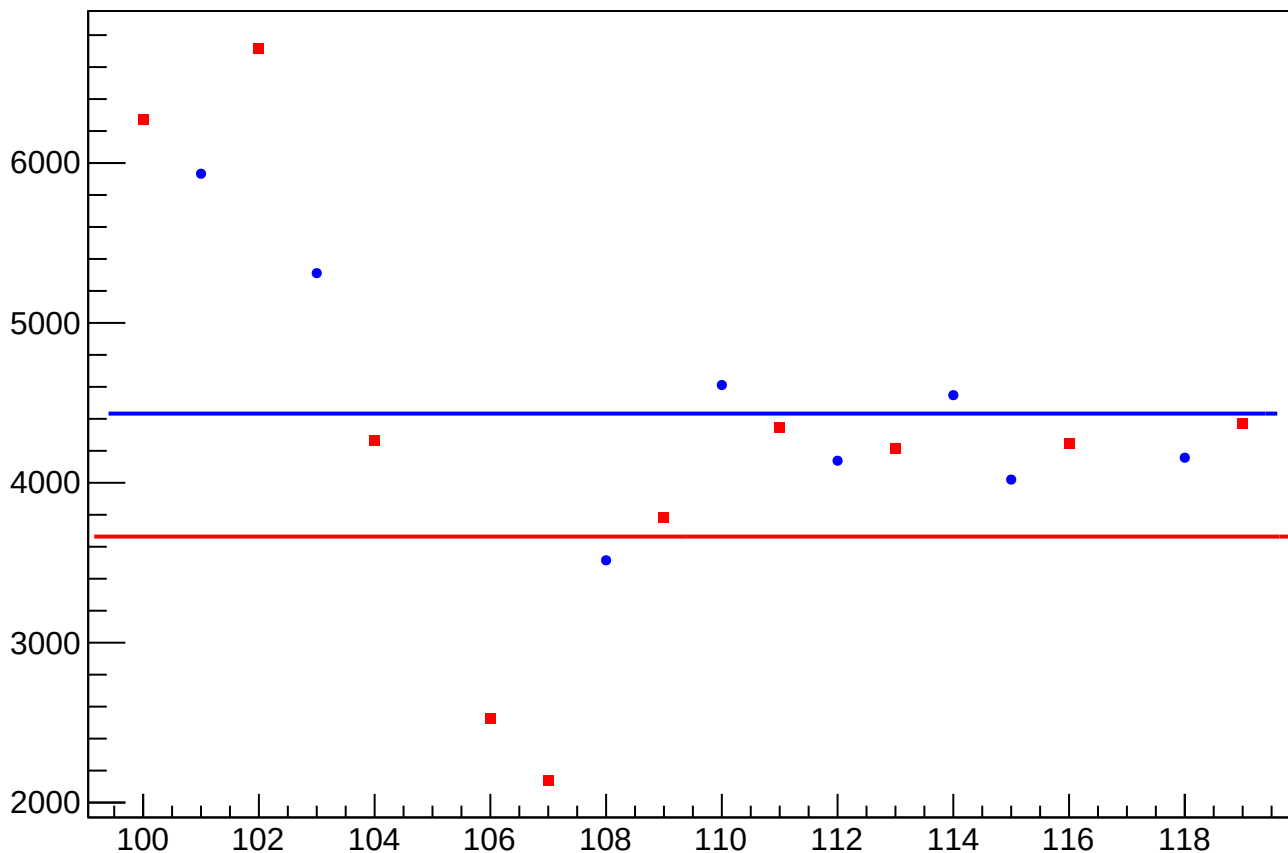
Right: -2316.239+/-1533.479 χ^2/NDF : 12.3/17

In: -3702.707+/-2469.990 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2316.239+/-1533.479 χ^2/NDF : 12.3/17

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4432.822+/-1.747 χ^2/NDF : 183935.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3663.632+/-1.361 χ^2/NDF : 734479.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

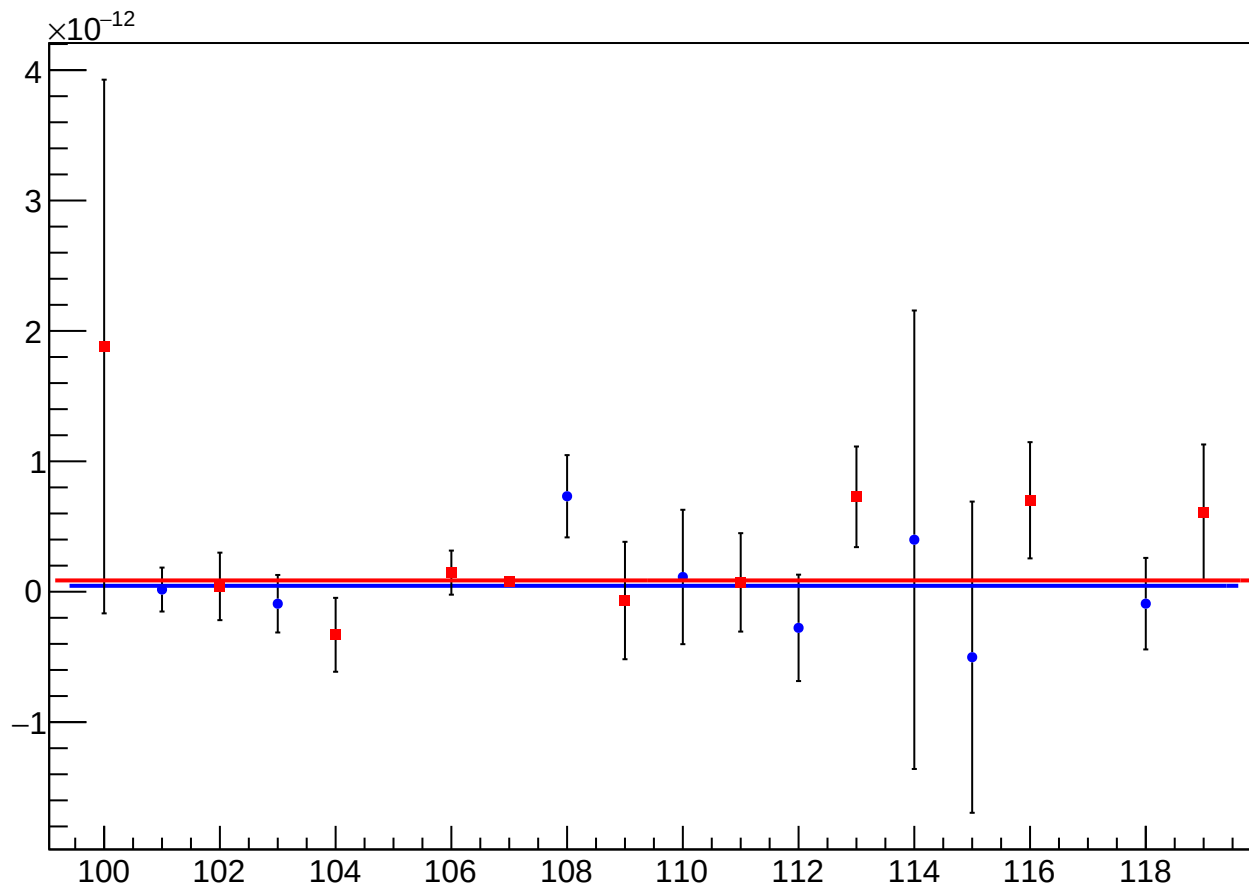
Right: 3954.363+/-1.074 χ^2/NDF : 1039062.4/17

In: 4432.822+/-1.747 χ^2/NDF : 183935.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3954.363+/-1.074 χ^2/NDF : 1039062.4/17

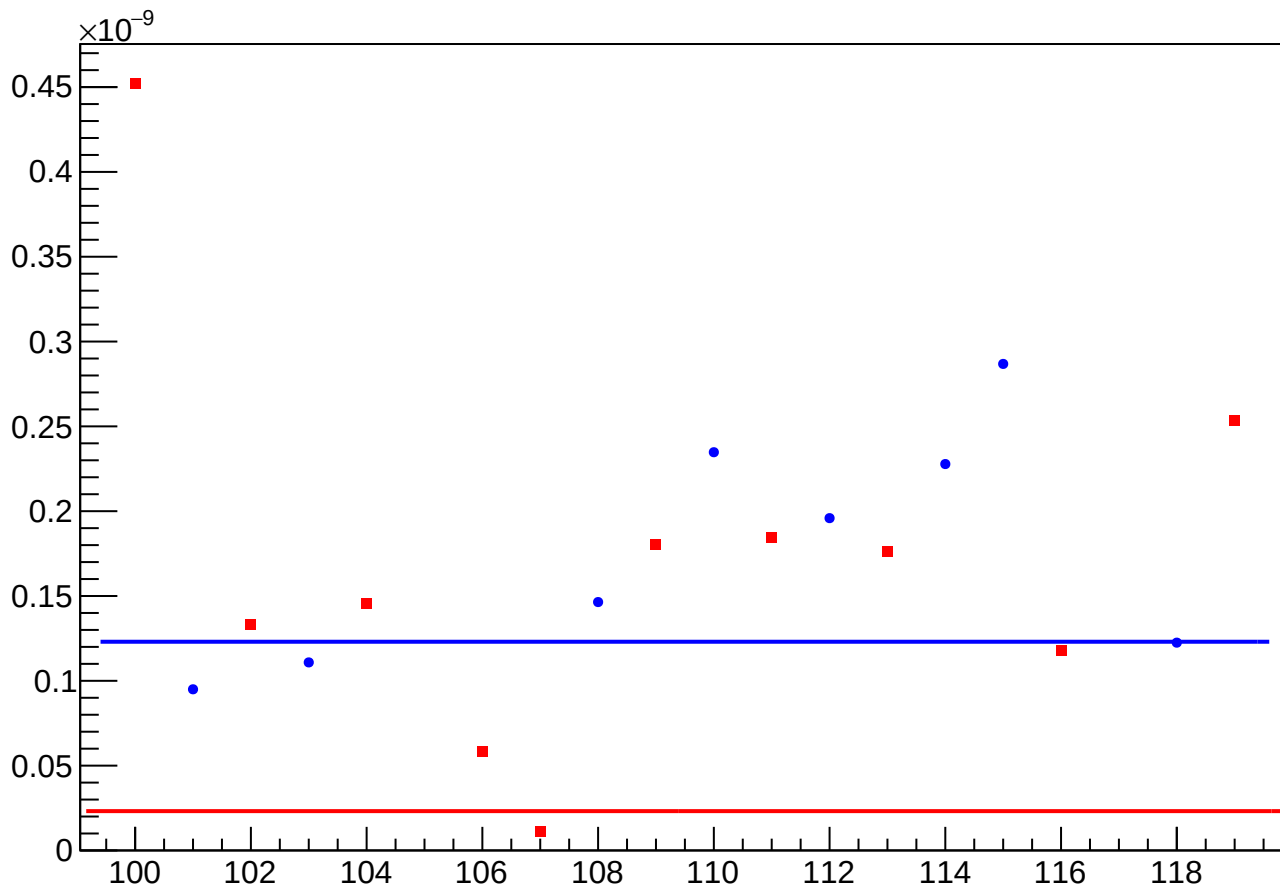
asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.9/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/17
 In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/17

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 275074.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2522509.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

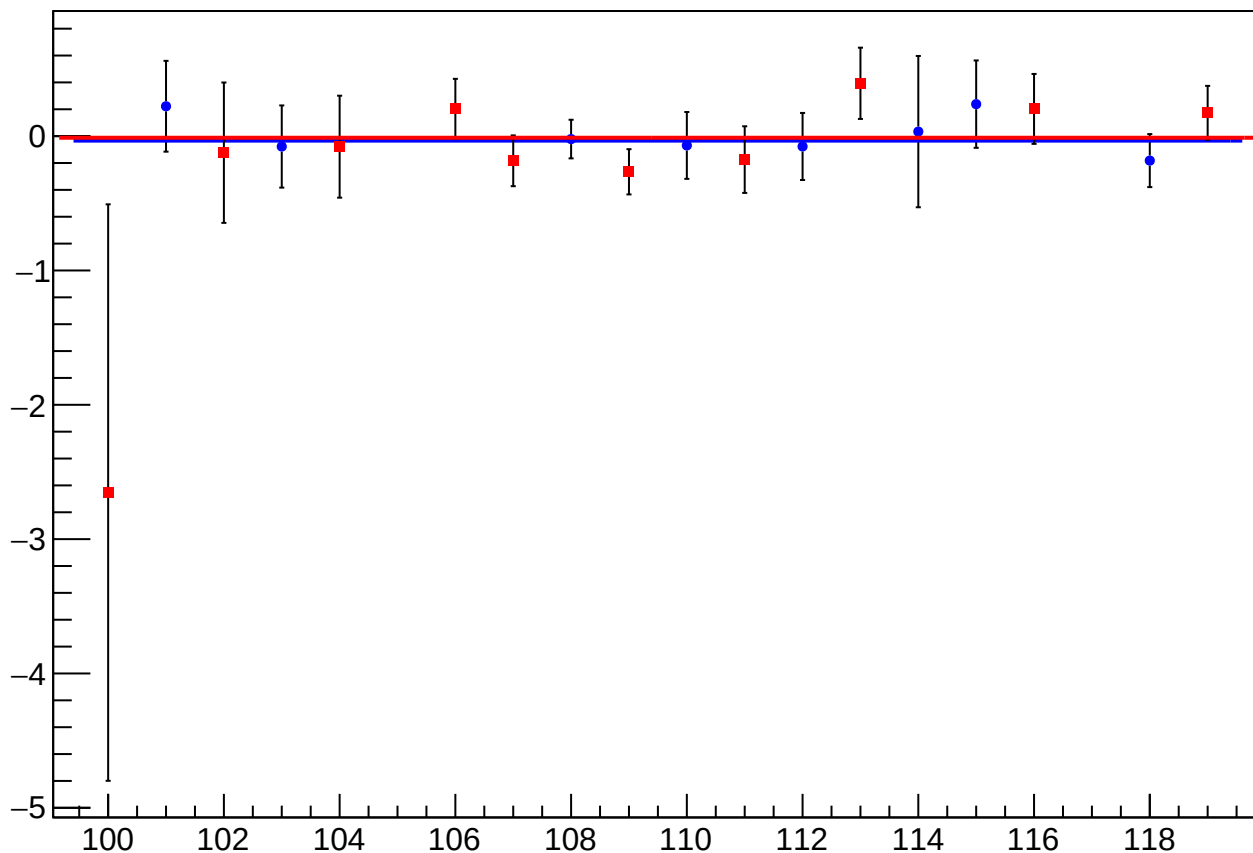
Right: 0.000+/-0.000 χ^2/NDF : 4330297.1/17

In: 0.000+/-0.000 χ^2/NDF : 275074.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4330297.1/17

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.085 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

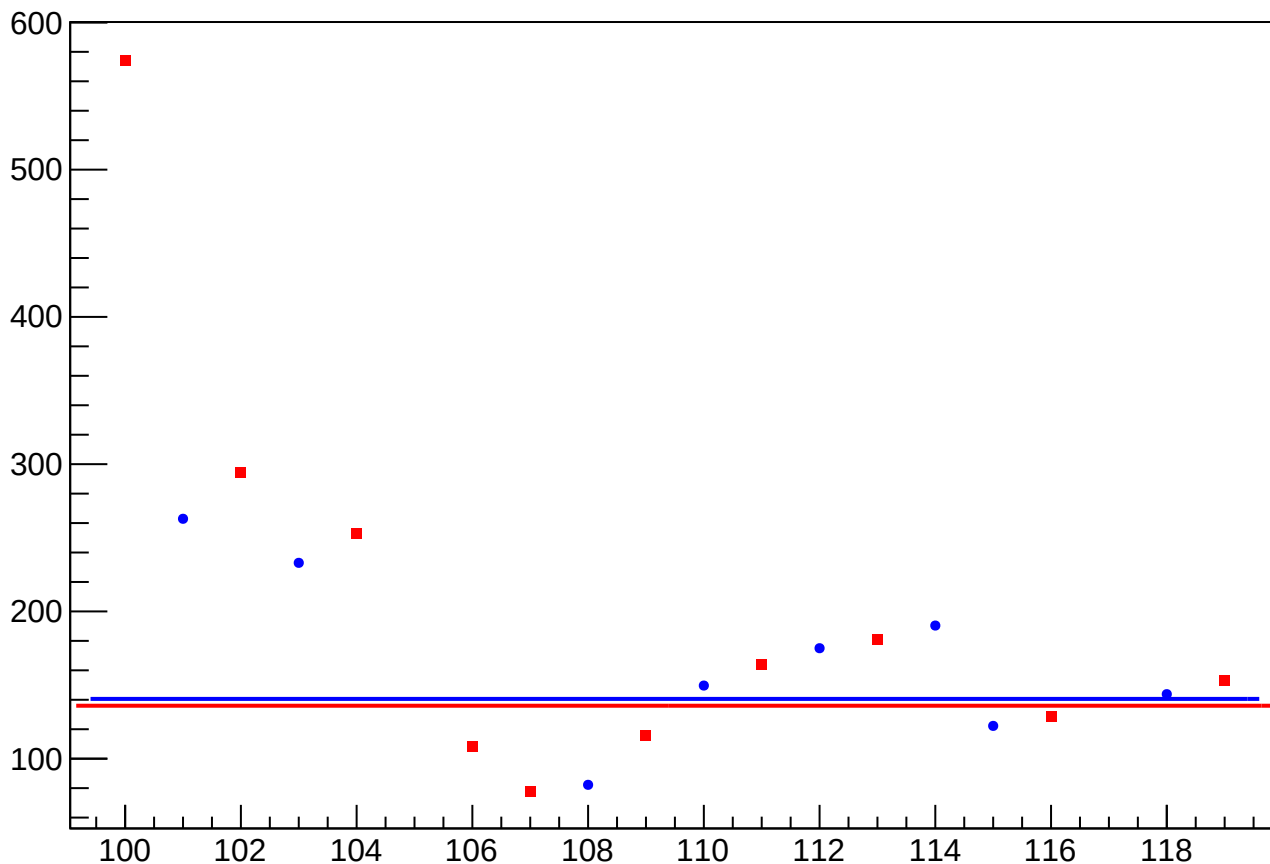
Right: -0.022+/-0.057 χ^2/NDF : 11.9/17

In: -0.033+/-0.085 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.057 χ^2/NDF : 11.9/17

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.595+/-0.060 χ^2/NDF : 837156.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.961+/-0.055 χ^2/NDF : 807841.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

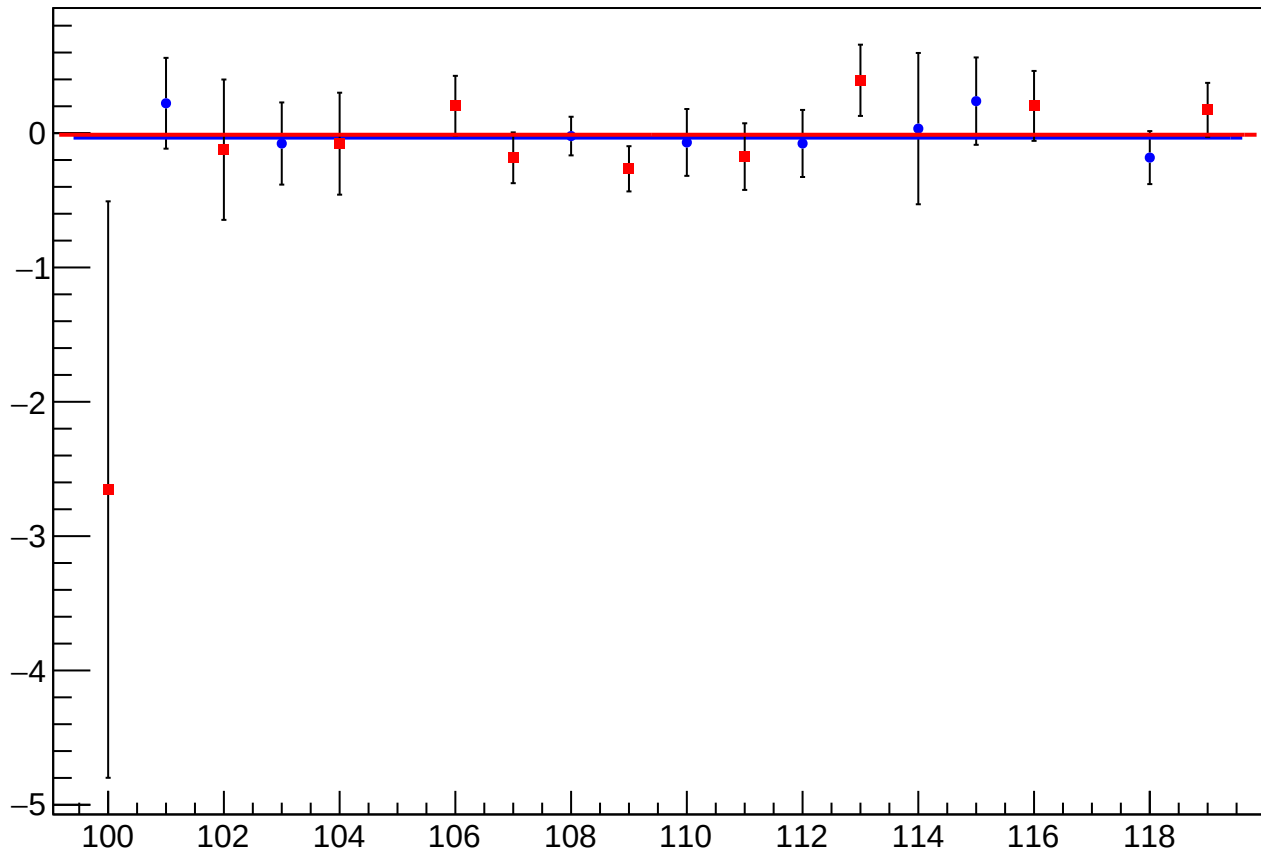
Right: 138.080+/-0.041 χ^2/NDF : 1648221.0/17

In: 140.595+/-0.060 χ^2/NDF : 837156.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.080+/-0.041 χ^2/NDF : 1648221.0/17

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.085 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

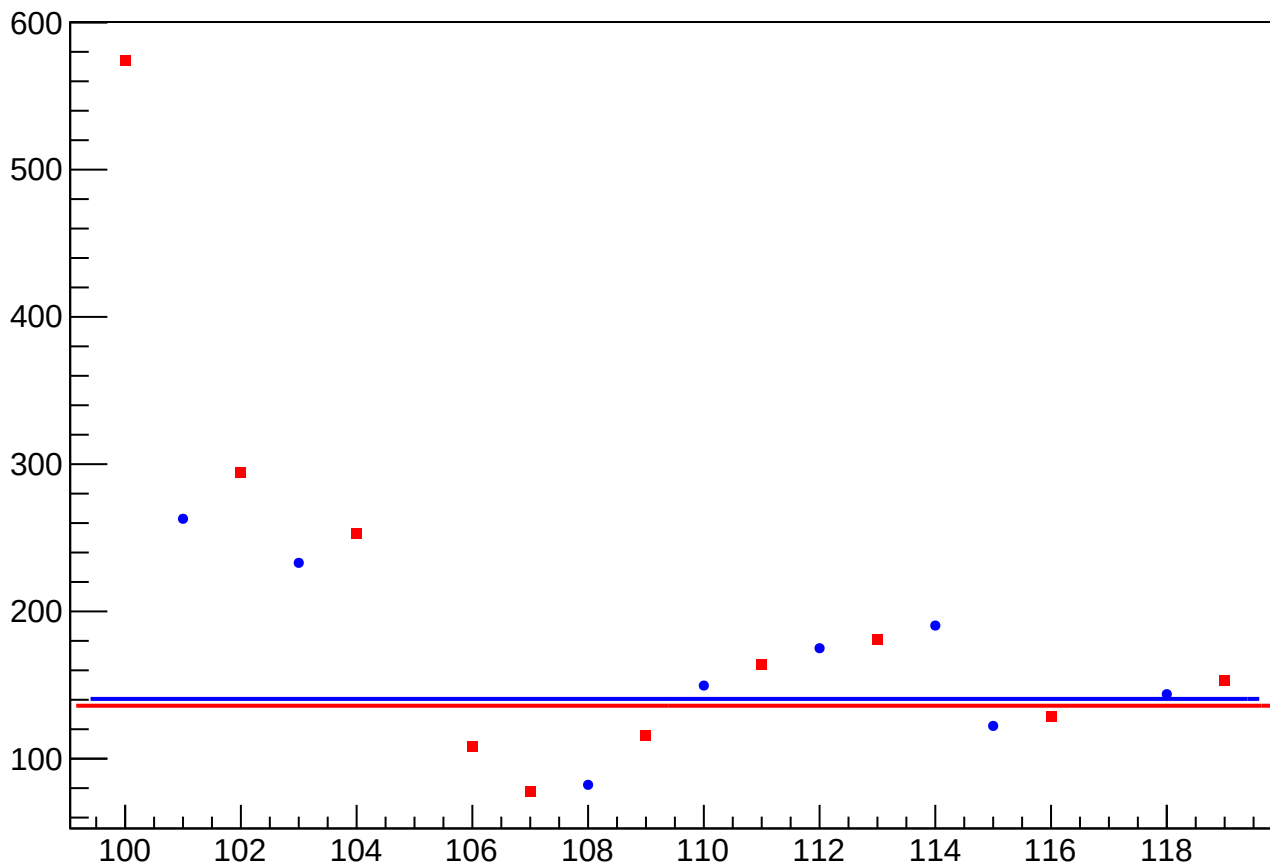
Right: -0.022+/-0.057 χ^2/NDF : 11.9/17

In: -0.033+/-0.085 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.057 χ^2/NDF : 11.9/17

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.595+/-0.060 χ^2/NDF : 837156.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.961+/-0.055 χ^2/NDF : 807841.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

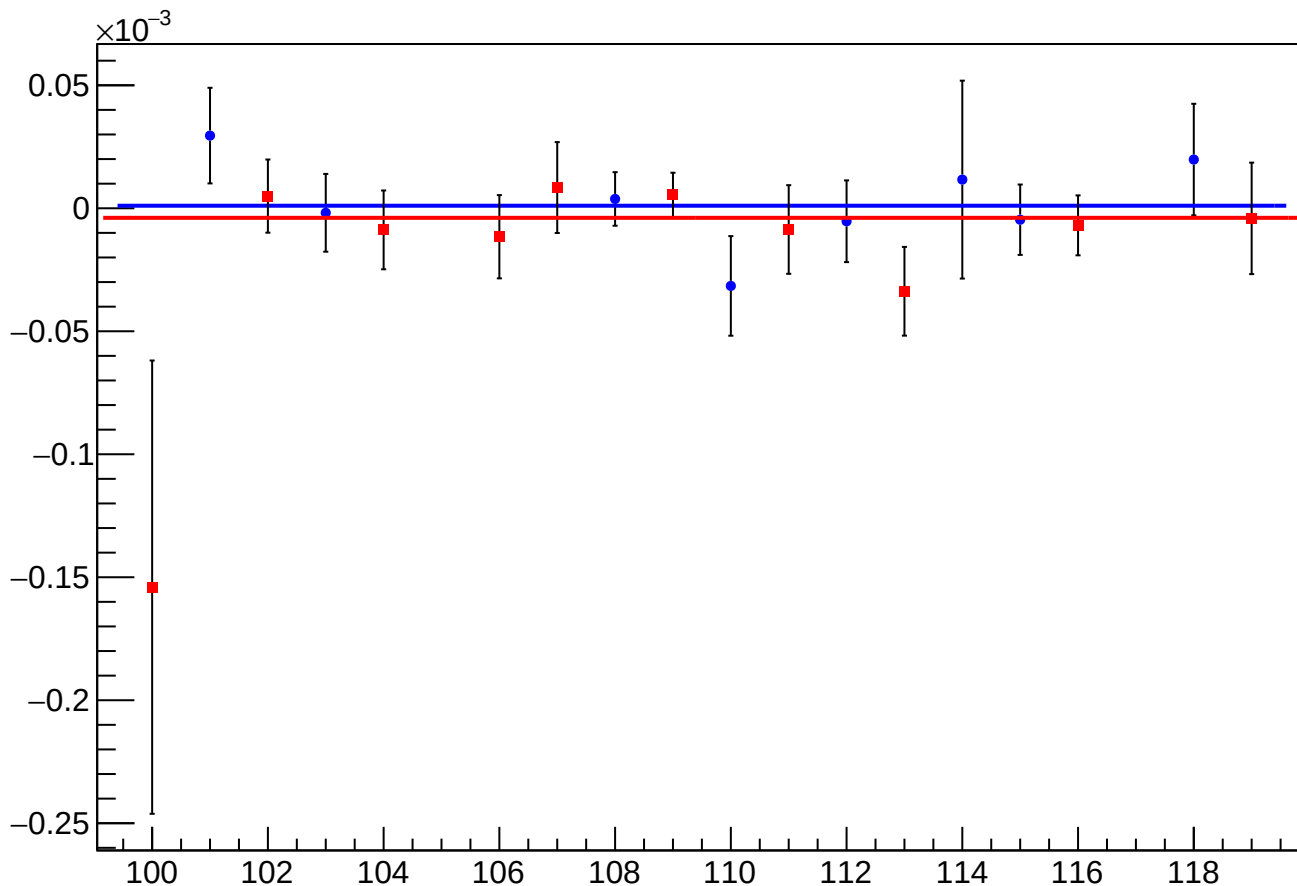
Right: 138.080+/-0.041 χ^2/NDF : 1648221.0/17

In: 140.595+/-0.060 χ^2/NDF : 837156.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.080+/-0.041 χ^2/NDF : 1648221.0/17

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

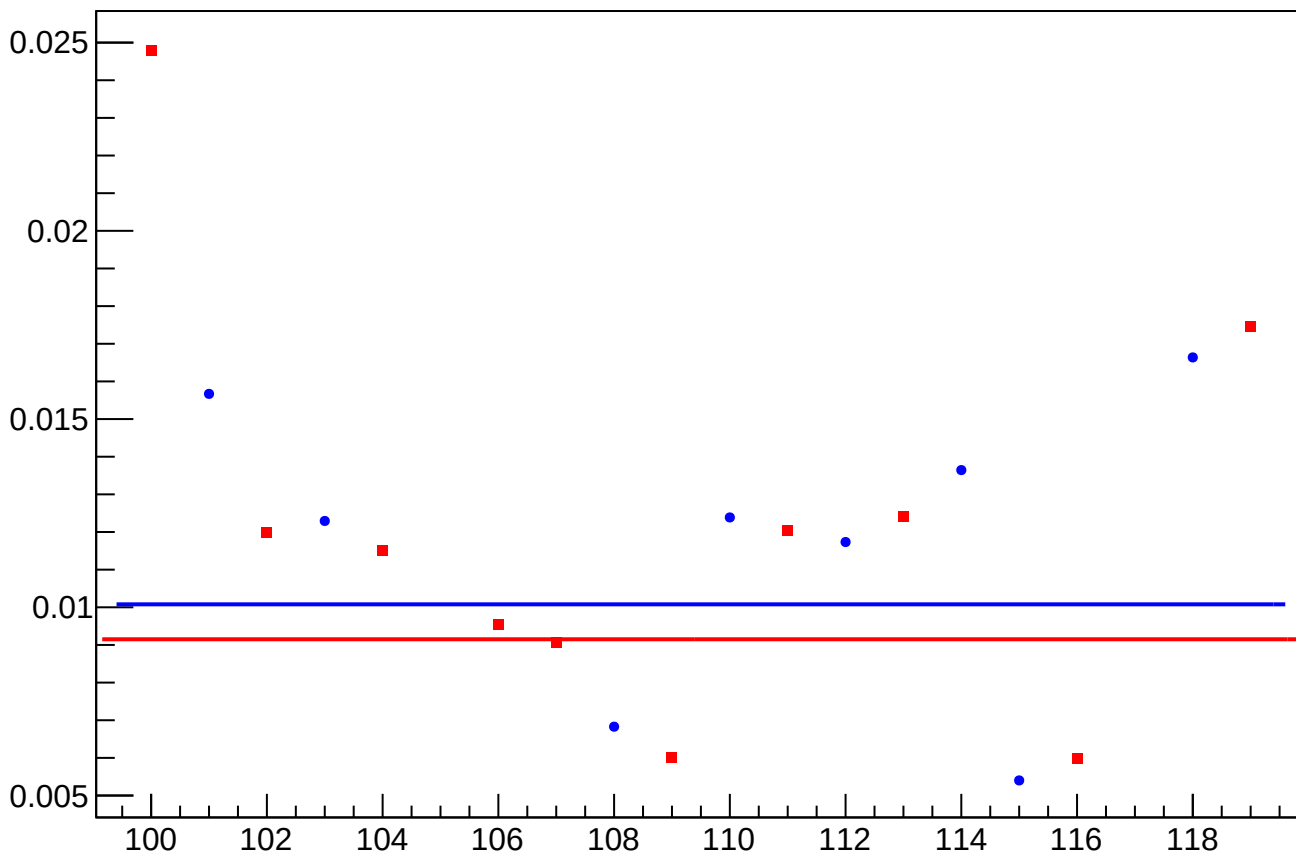
Right: -0.000+/-0.000 χ^2/NDF : 14.0/17

In: 0.000+/-0.000 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/17

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 825656.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 939410.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

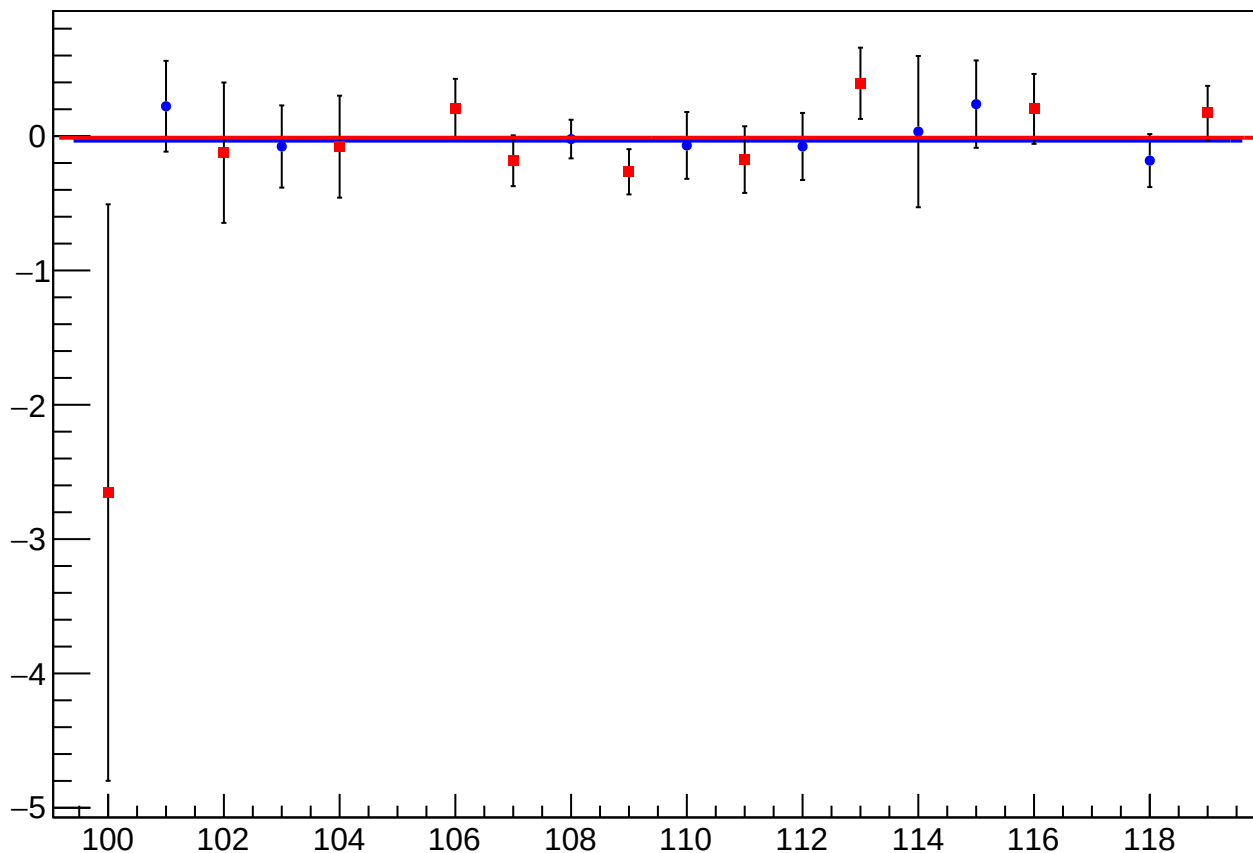
Right: 0.010+/-0.000 χ^2/NDF : 1794403.3/17

In: 0.010+/-0.000 χ^2/NDF : 825656.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1794403.3/17

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.085 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

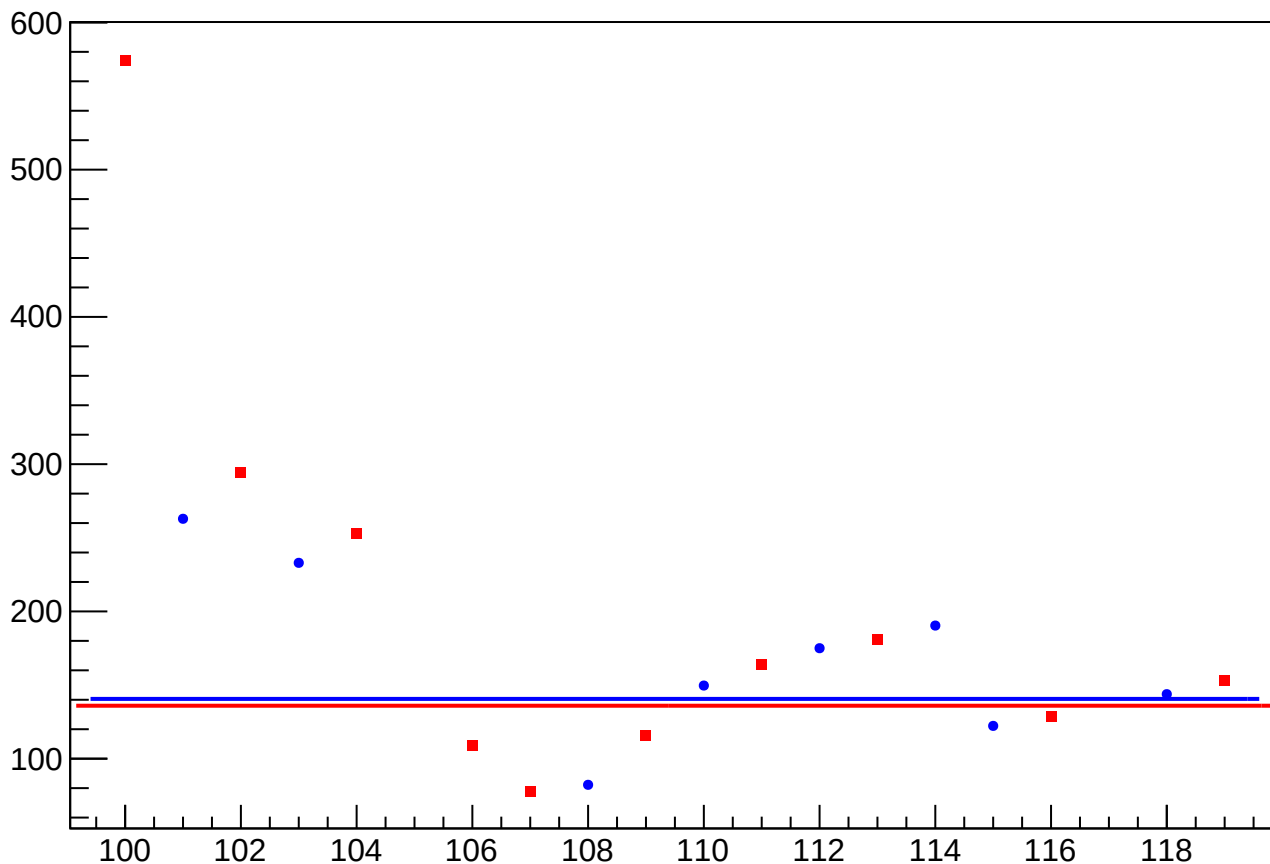
Right: -0.022+/-0.057 χ^2/NDF : 11.9/17

In: -0.033+/-0.085 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.057 χ^2/NDF : 11.9/17

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.594+/-0.060 χ^2/NDF : 837156.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.962+/-0.055 χ^2/NDF : 807869.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

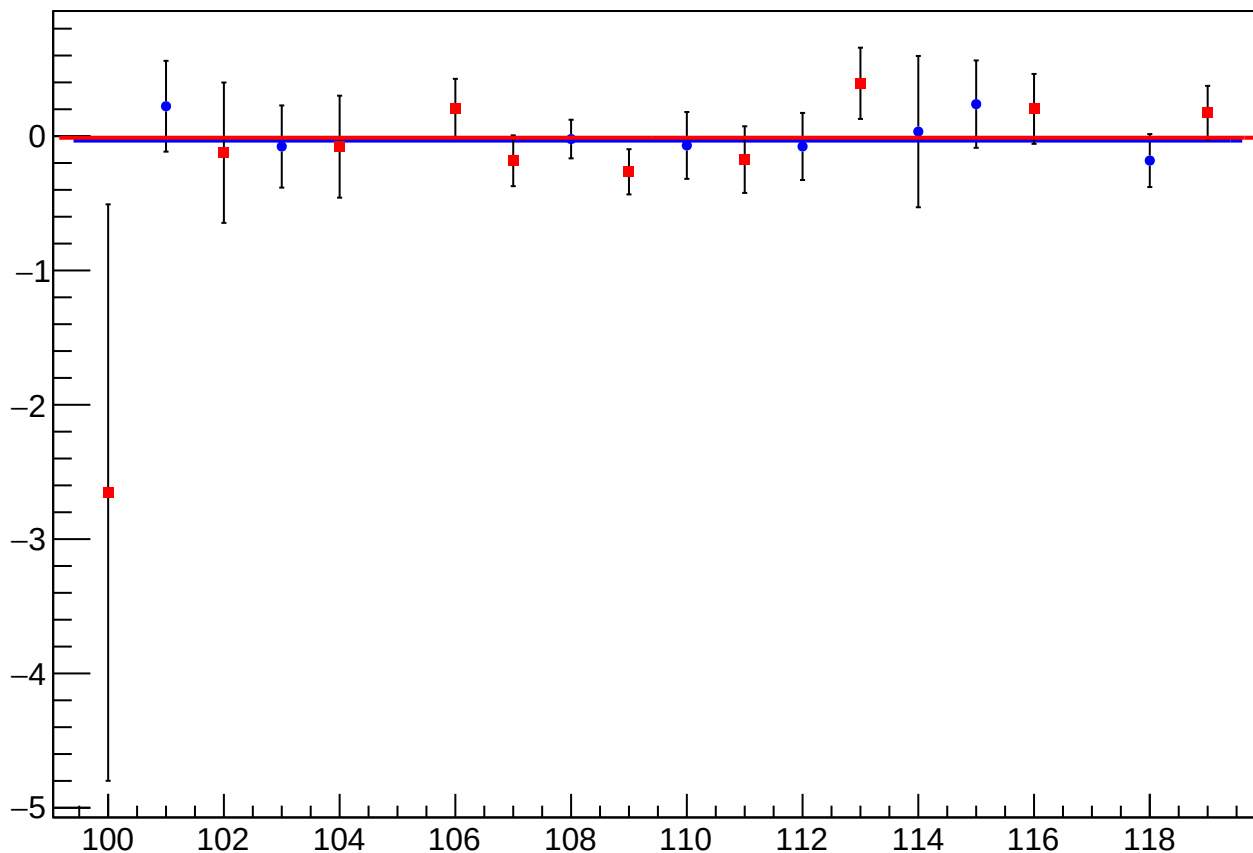
Right: 138.080+/-0.041 χ^2/NDF : 1648249.0/17

In: 140.594+/-0.060 χ^2/NDF : 837156.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.080+/-0.041 χ^2/NDF : 1648249.0/17

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.085 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

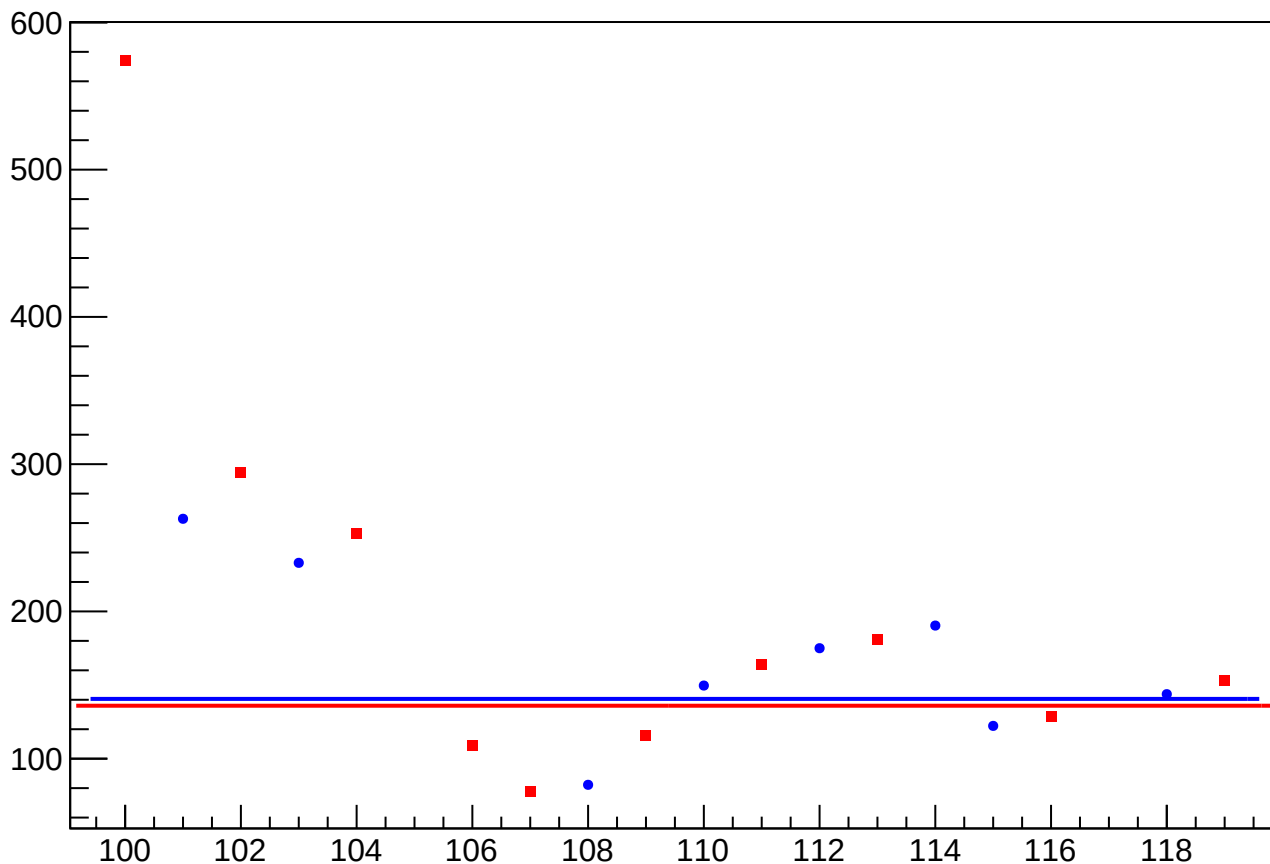
Right: -0.022+/-0.057 χ^2/NDF : 11.9/17

In: -0.033+/-0.085 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.022+/-0.057 χ^2/NDF : 11.9/17

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 140.594+/-0.060 χ^2/NDF : 837156.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.962+/-0.055 χ^2/NDF : 807869.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

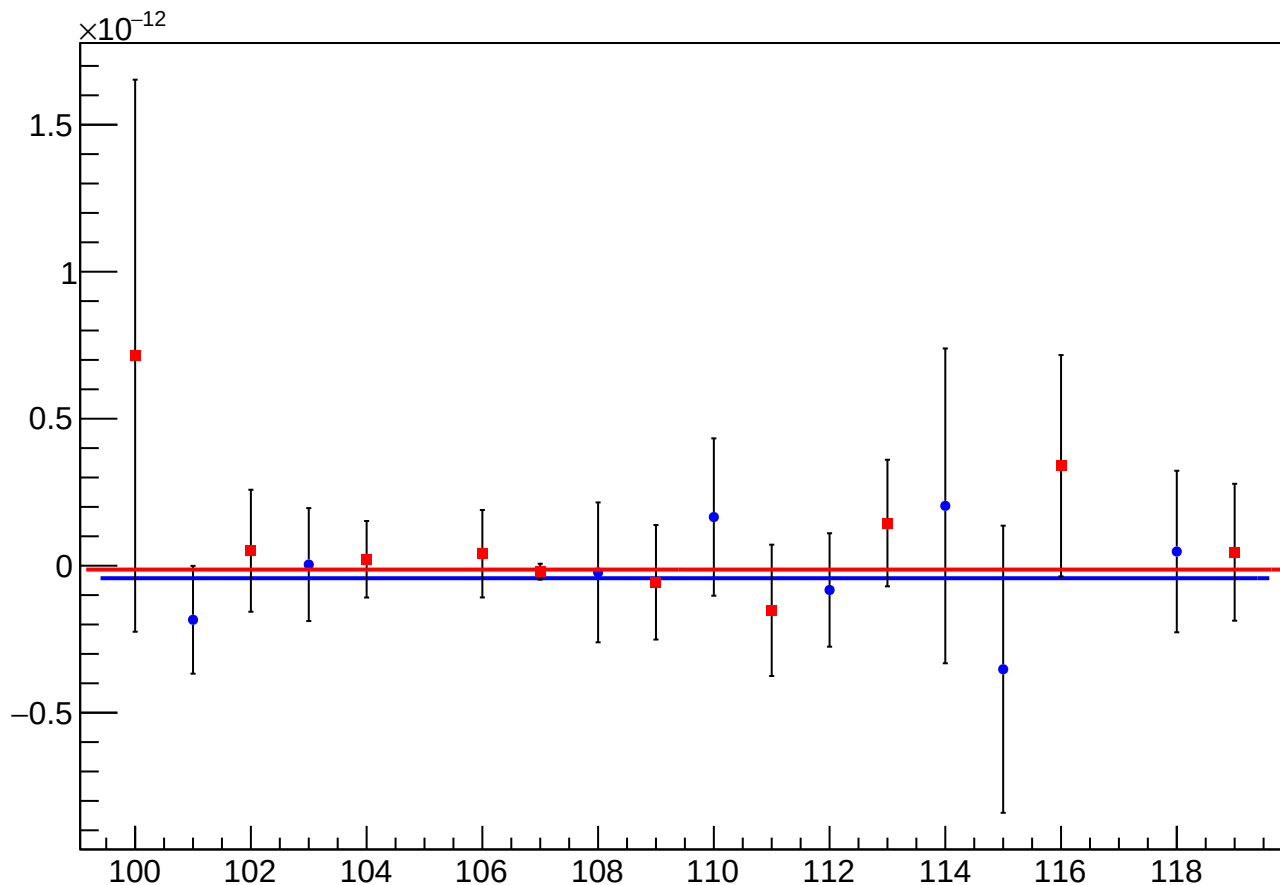
Right: 138.080+/-0.041 χ^2/NDF : 1648249.0/17

In: 140.594+/-0.060 χ^2/NDF : 837156.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.080+/-0.041 χ^2/NDF : 1648249.0/17

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

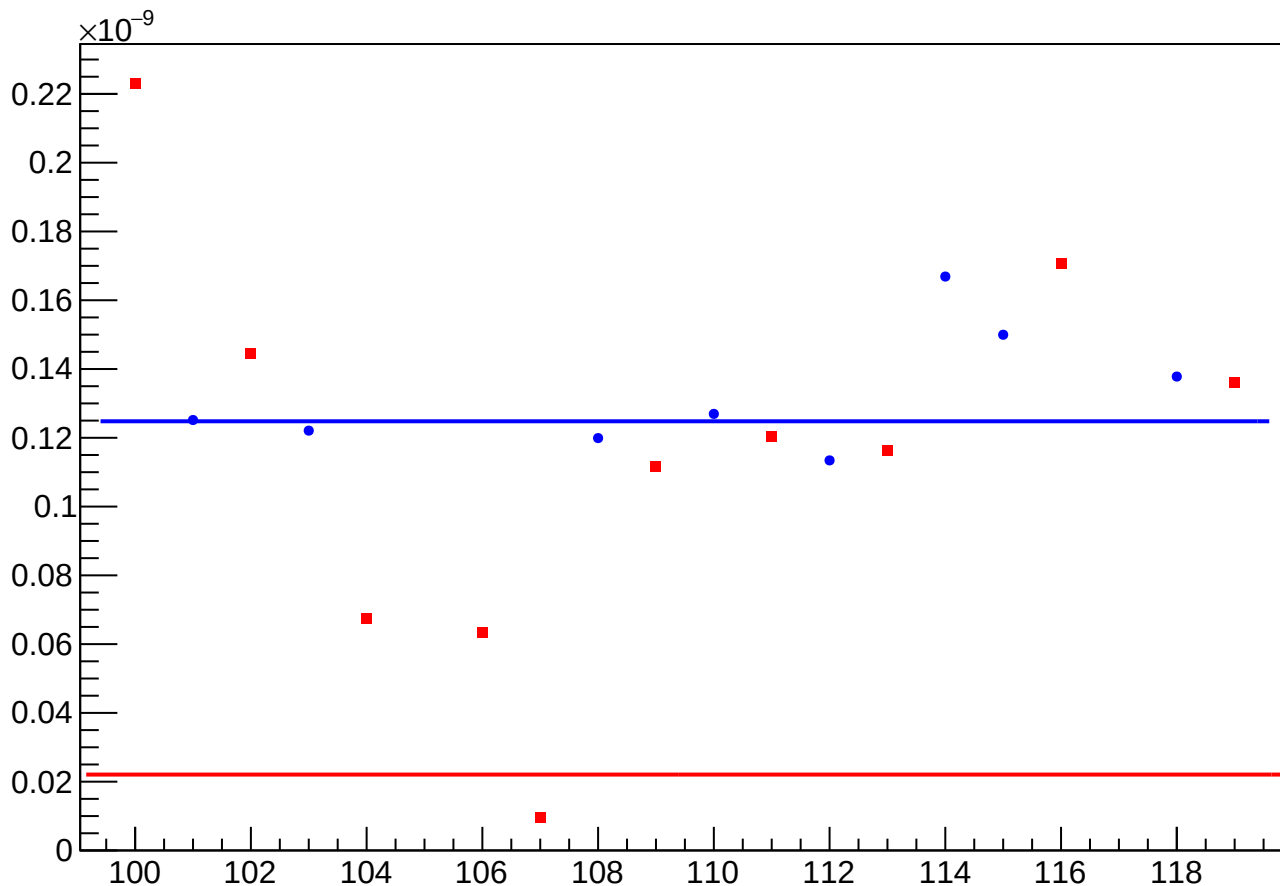
Right: -0.000+/-0.000 χ^2/NDF : 5.0/17

In: -0.000+/-0.000 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.0/17

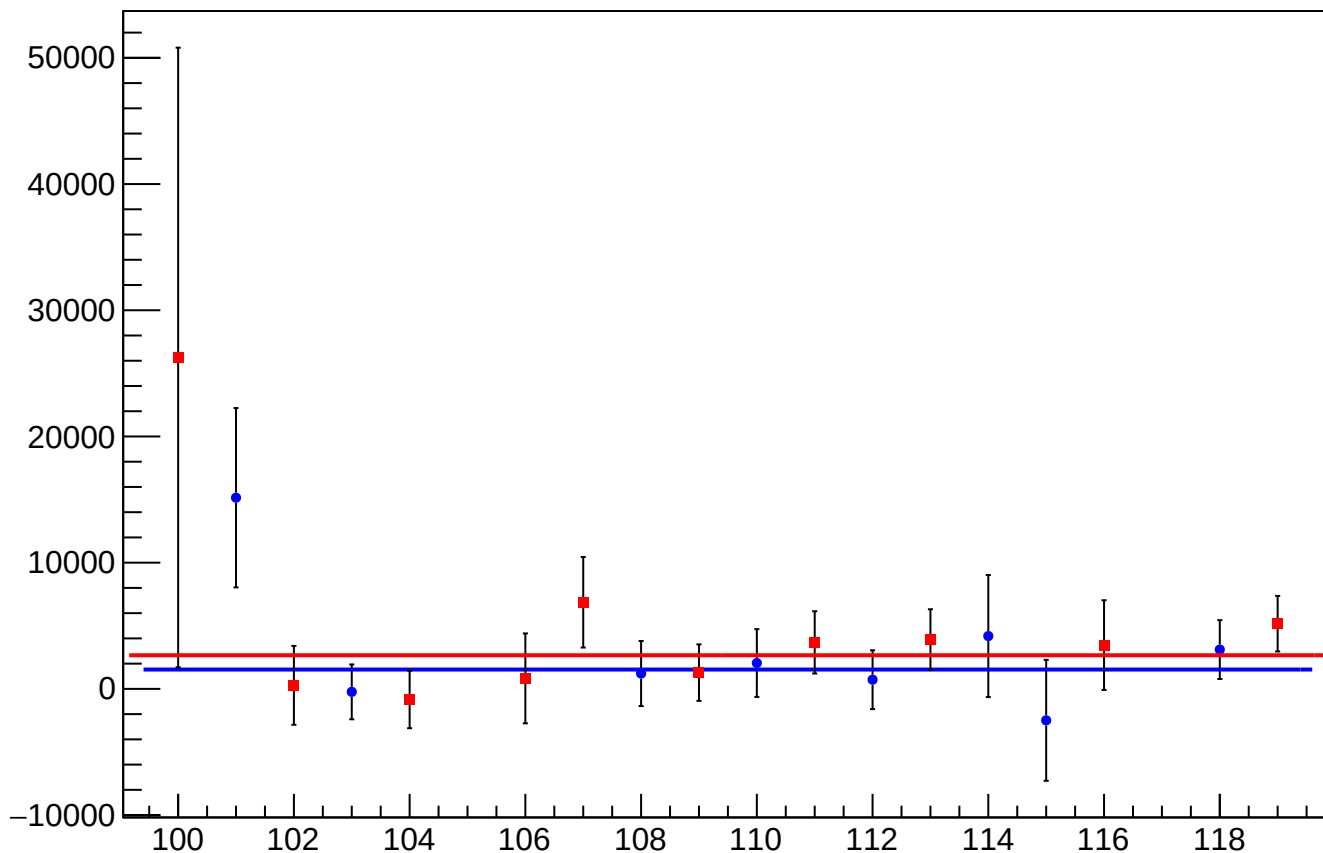
asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 30486.5/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 3599721.7/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 6280769.8/17
 In: 0.000+/-0.000 χ^2/NDF : 30486.5/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 6280769.8/17

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1532.017+/-1012.609 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.189+/-884.528 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

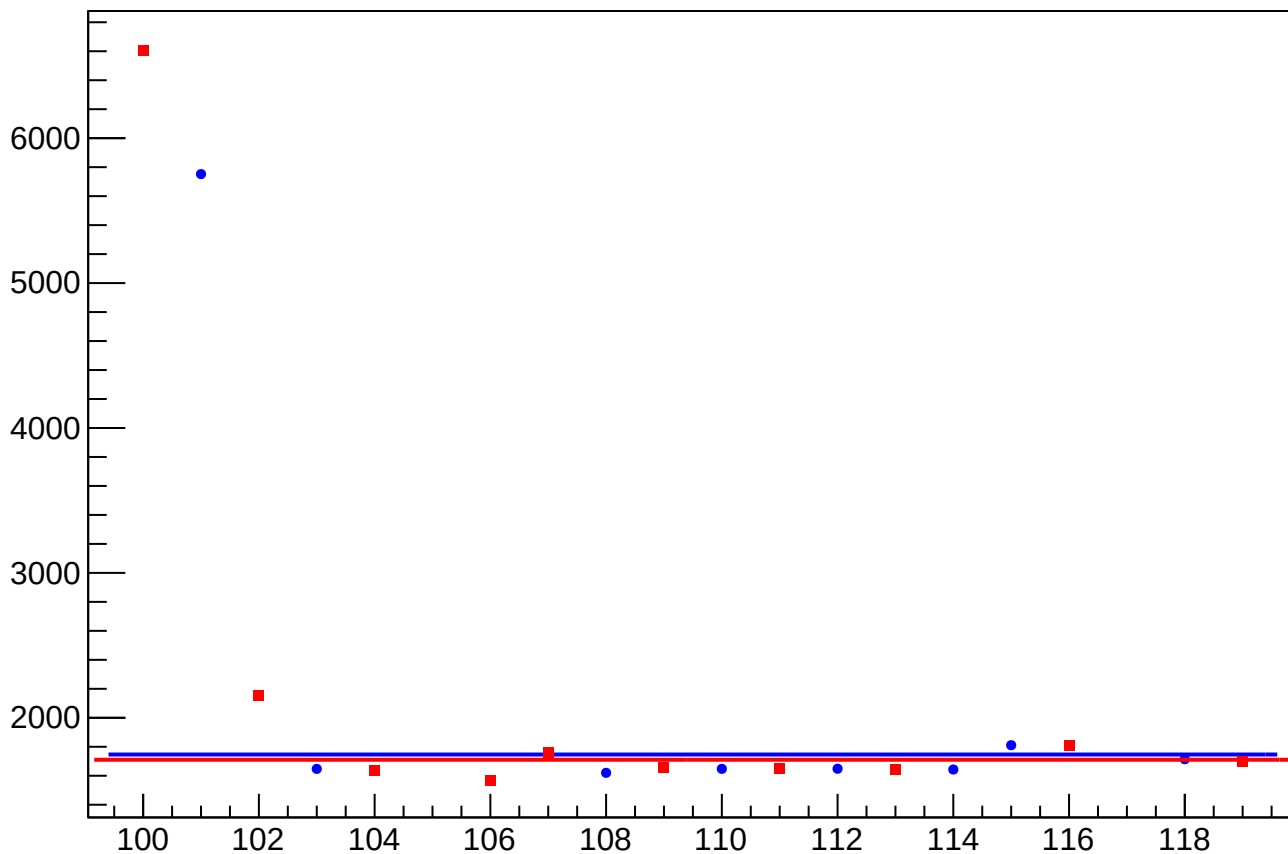
Right: 2174.193+/-666.165 χ^2/NDF : 14.3/17

In: 1532.017+/-1012.609 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.193+/-666.165 χ^2/NDF : 14.3/17

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.519+/-0.716 χ^2/NDF : 652448.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1710.445+/-0.617 χ^2/NDF : 132641.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

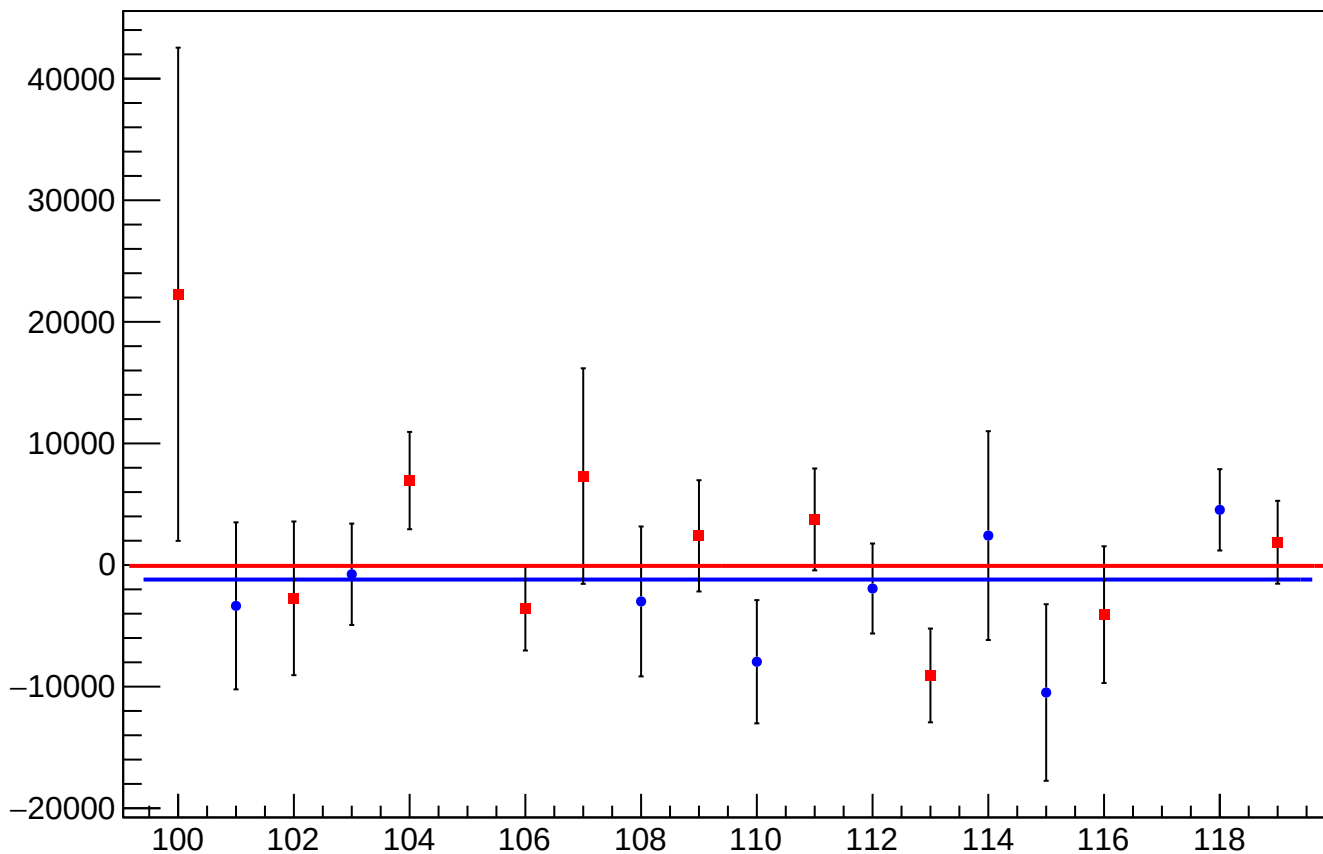
Right: 1725.822+/-0.467 χ^2/NDF : 786547.0/17

In: 1746.519+/-0.716 χ^2/NDF : 652448.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.822+/-0.467 χ^2/NDF : 786547.0/17

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1193.078+/-1717.537 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -70.626+/-1450.212 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

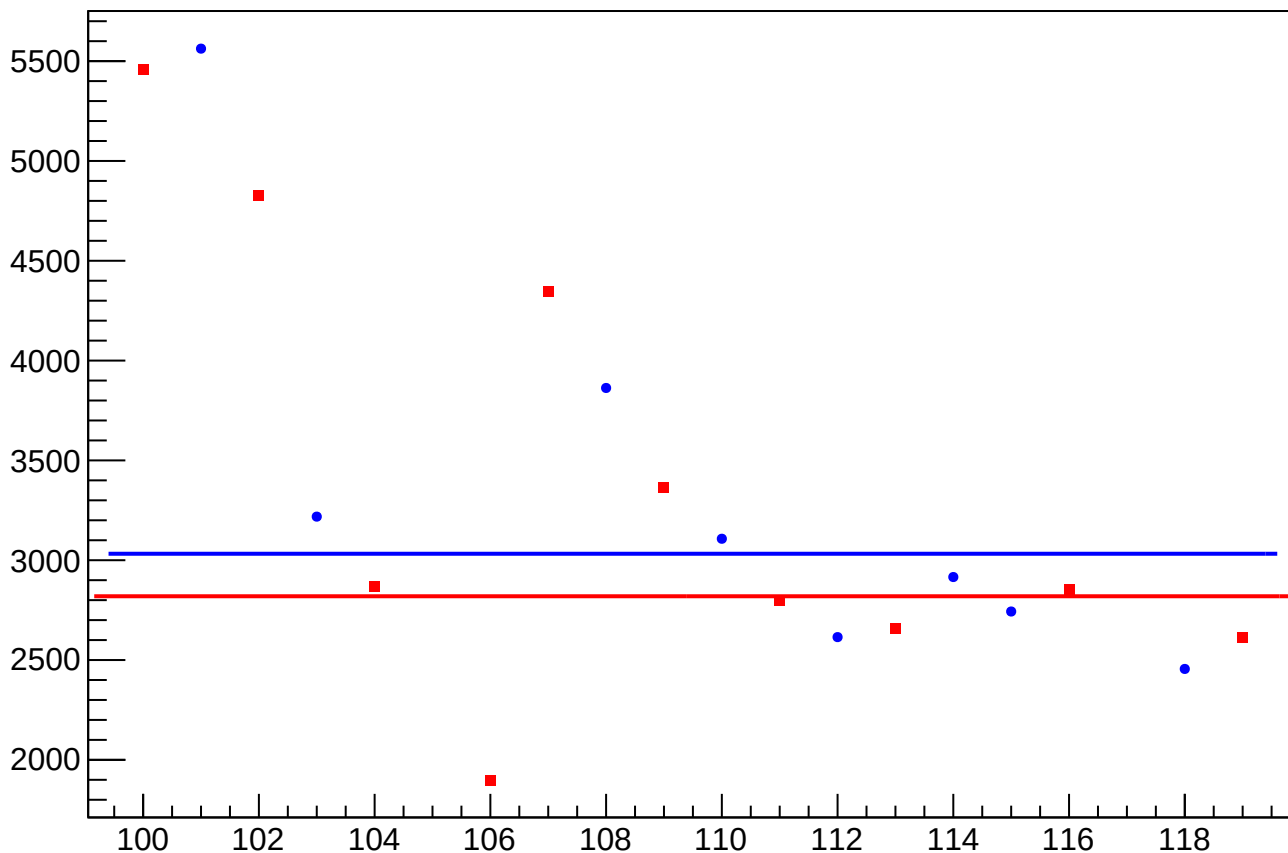
Right: -537.799+/-1108.054 χ^2/NDF : 20.6/17

In: -1193.078+/-1717.537 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -537.799+/-1108.054 χ^2/NDF : 20.6/17

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3032.401+/-1.214 χ^2/NDF : 400792.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2819.458+/-1.025 χ^2/NDF : 475867.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

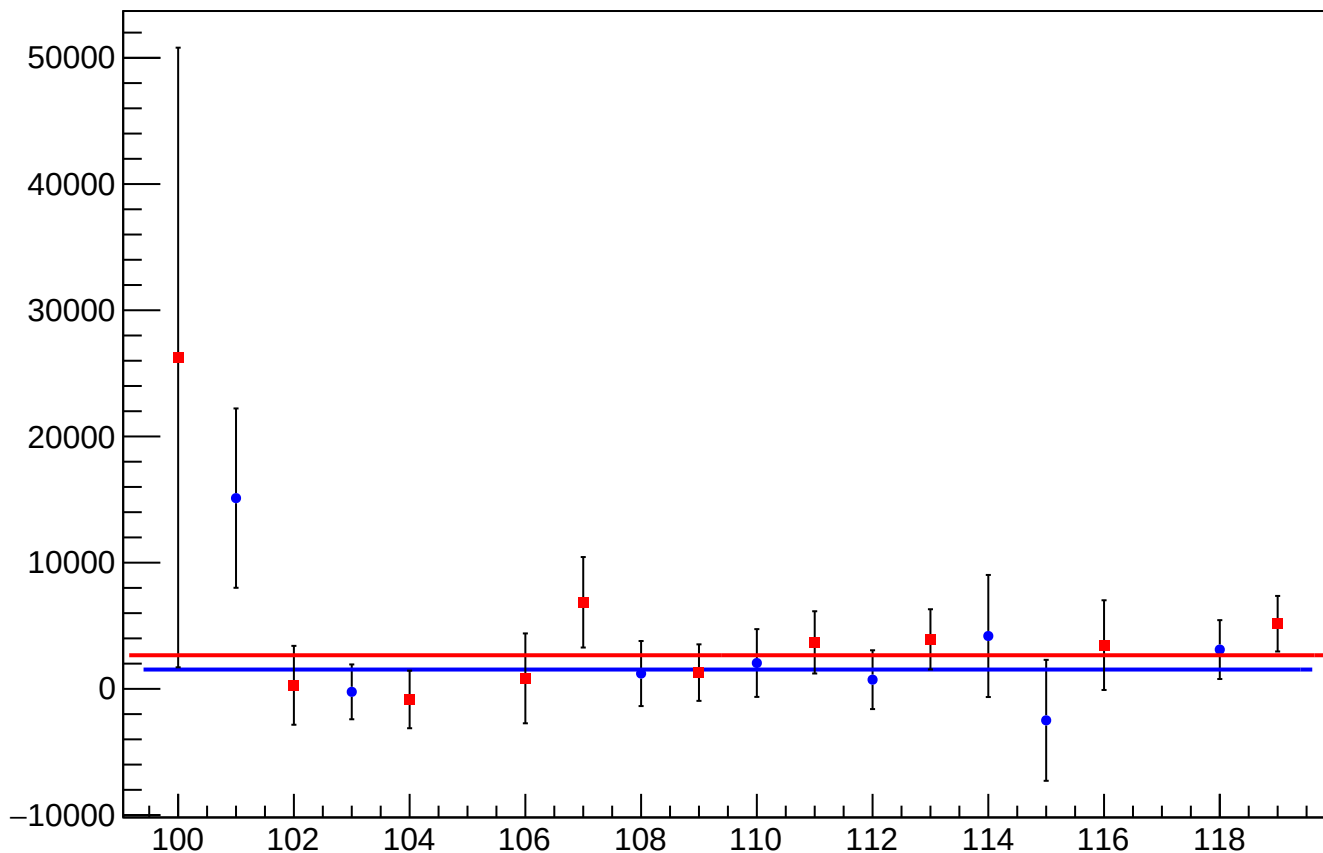
Right: 2908.086+/-0.784 χ^2/NDF : 894607.2/17

In: 3032.401+/-1.214 χ^2/NDF : 400792.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2908.086+/-0.784 χ^2/NDF : 894607.2/17

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1531.468+/-1012.609 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.306+/-884.528 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

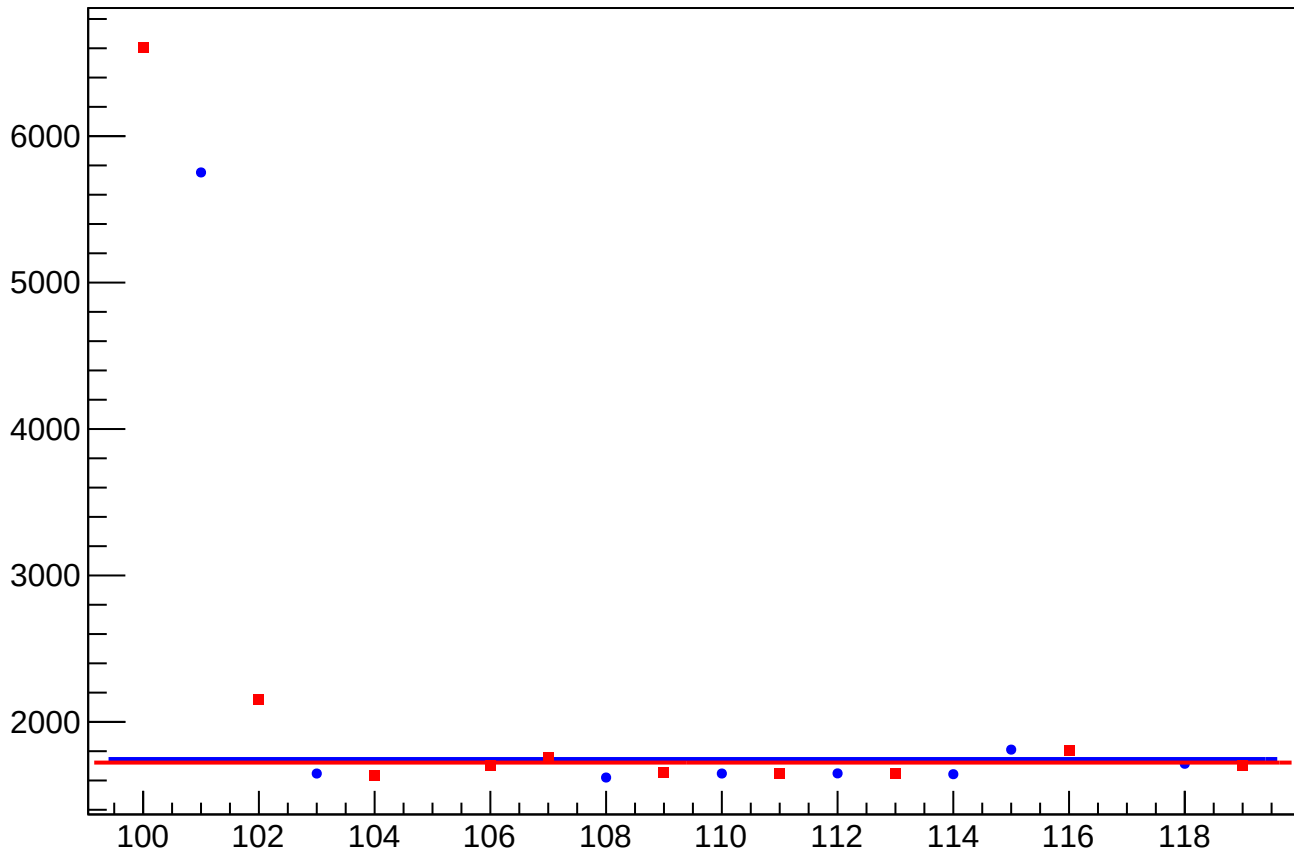
Right: 2174.021+/-666.166 χ^2/NDF : 14.3/17

In: 1531.468+/-1012.609 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.021+/-666.166 χ^2/NDF : 14.3/17

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.518+/-0.716 χ^2/NDF : 652449.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.201+/-0.621 χ^2/NDF : 127655.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

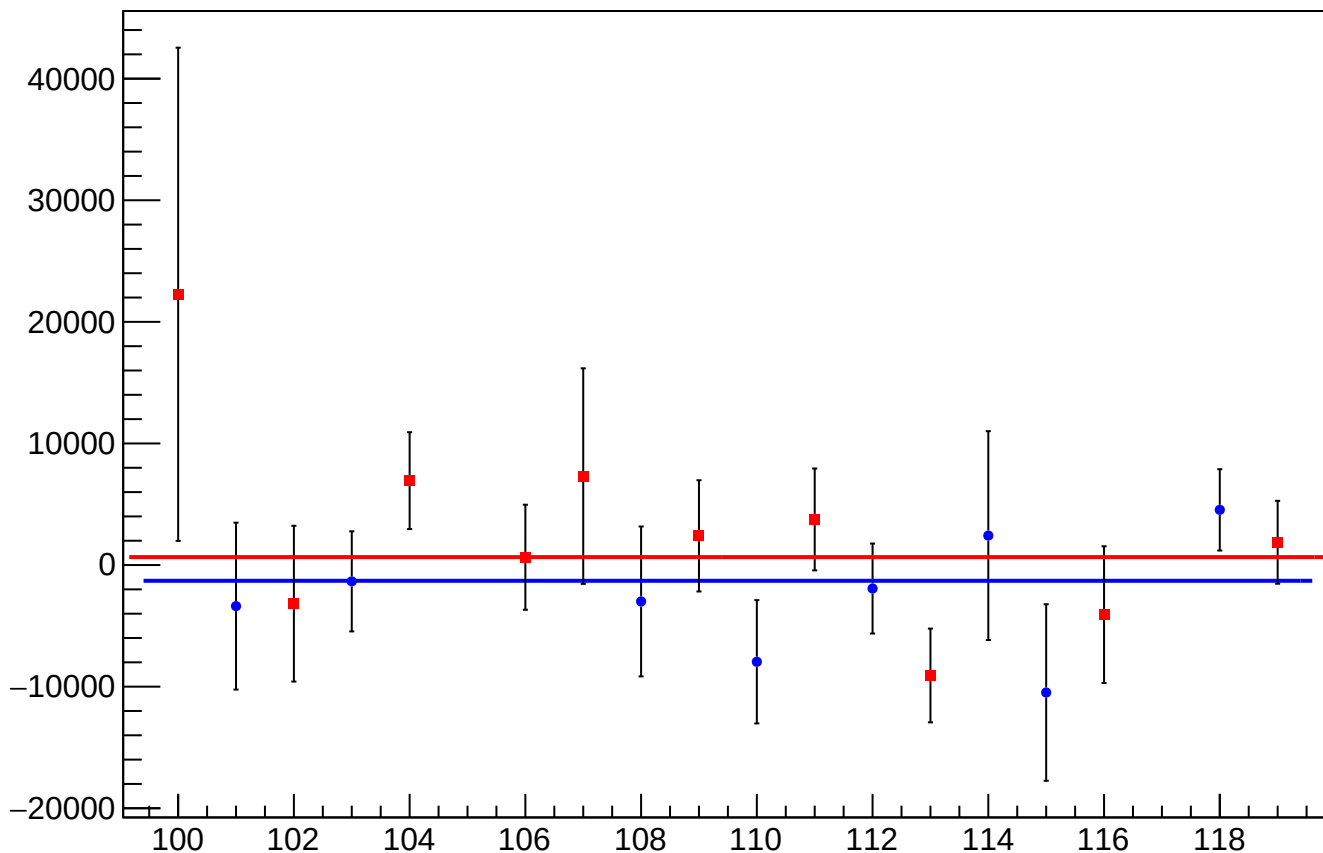
Right: 1732.645+/-0.469 χ^2/NDF : 780762.2/17

In: 1746.518+/-0.716 χ^2/NDF : 652449.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.645+/-0.469 χ^2/NDF : 780762.2/17

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1293.505+/-1713.757 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 654.778+/-1497.431 χ^2/NDF : 12.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

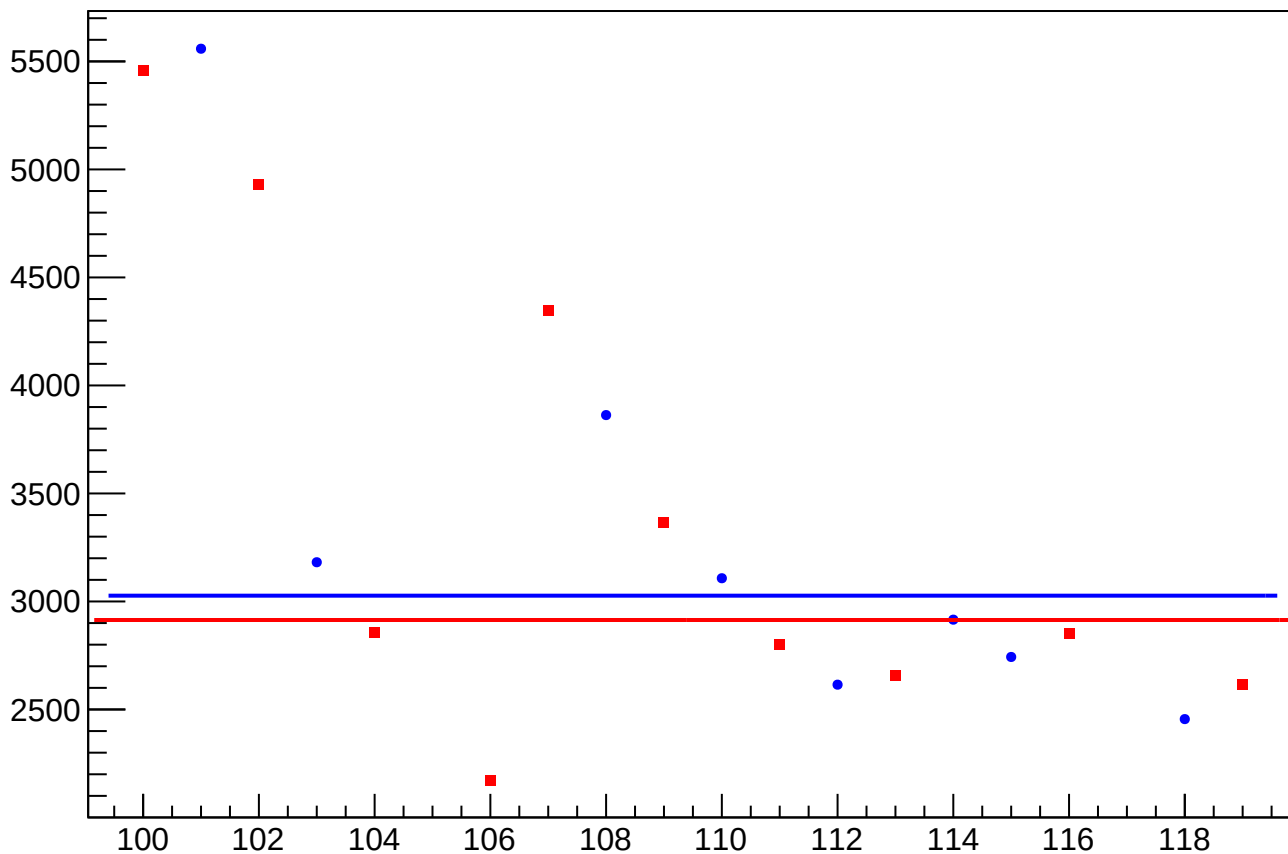
Right: -188.708+/-1127.618 χ^2/NDF : 19.9/17

In: -1293.505+/-1713.757 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.708+/-1127.618 χ^2/NDF : 19.9/17

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3026.801+/-1.212 χ^2/NDF : 398956.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2914.166+/-1.059 χ^2/NDF : 386207.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

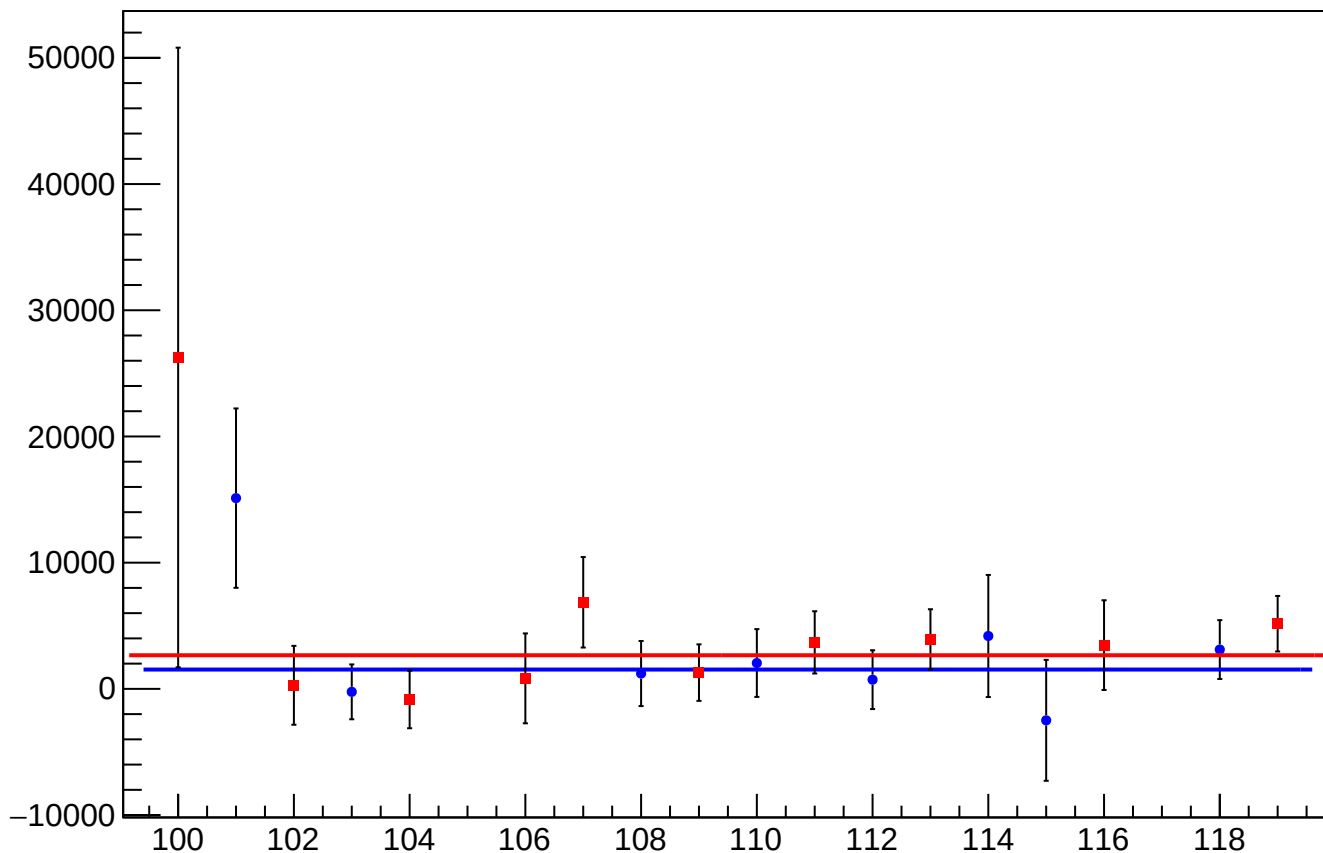
Right: 2962.930+/-0.797 χ^2/NDF : 790063.2/17

In: 3026.801+/-1.212 χ^2/NDF : 398956.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2962.930+/-0.797 χ^2/NDF : 790063.2/17

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1531.468+/-1012.609 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2664.306+/-884.528 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

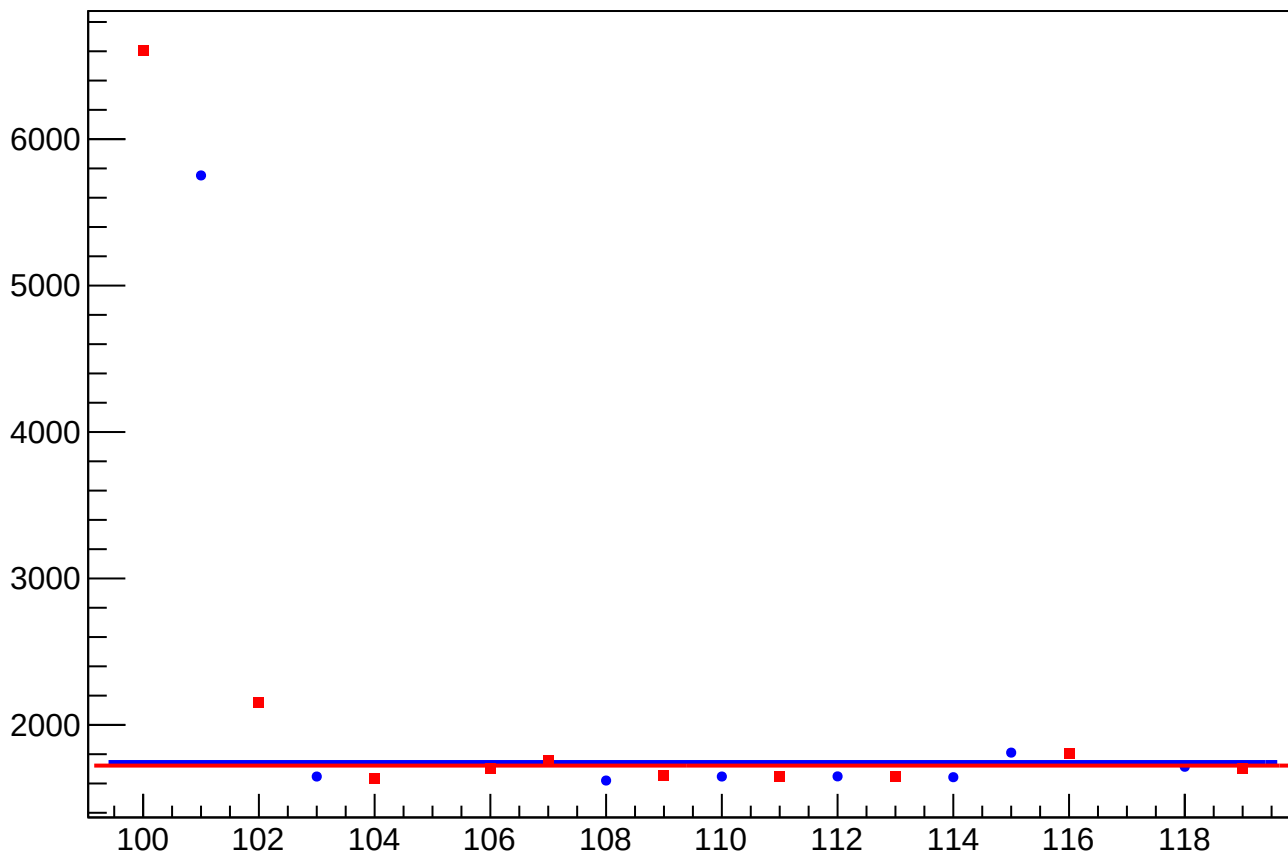
Right: 2174.021+/-666.166 χ^2/NDF : 14.3/17

In: 1531.468+/-1012.609 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2174.021+/-666.166 χ^2/NDF : 14.3/17

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1746.518+/-0.716 χ^2/NDF : 652449.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1722.201+/-0.621 χ^2/NDF : 127655.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

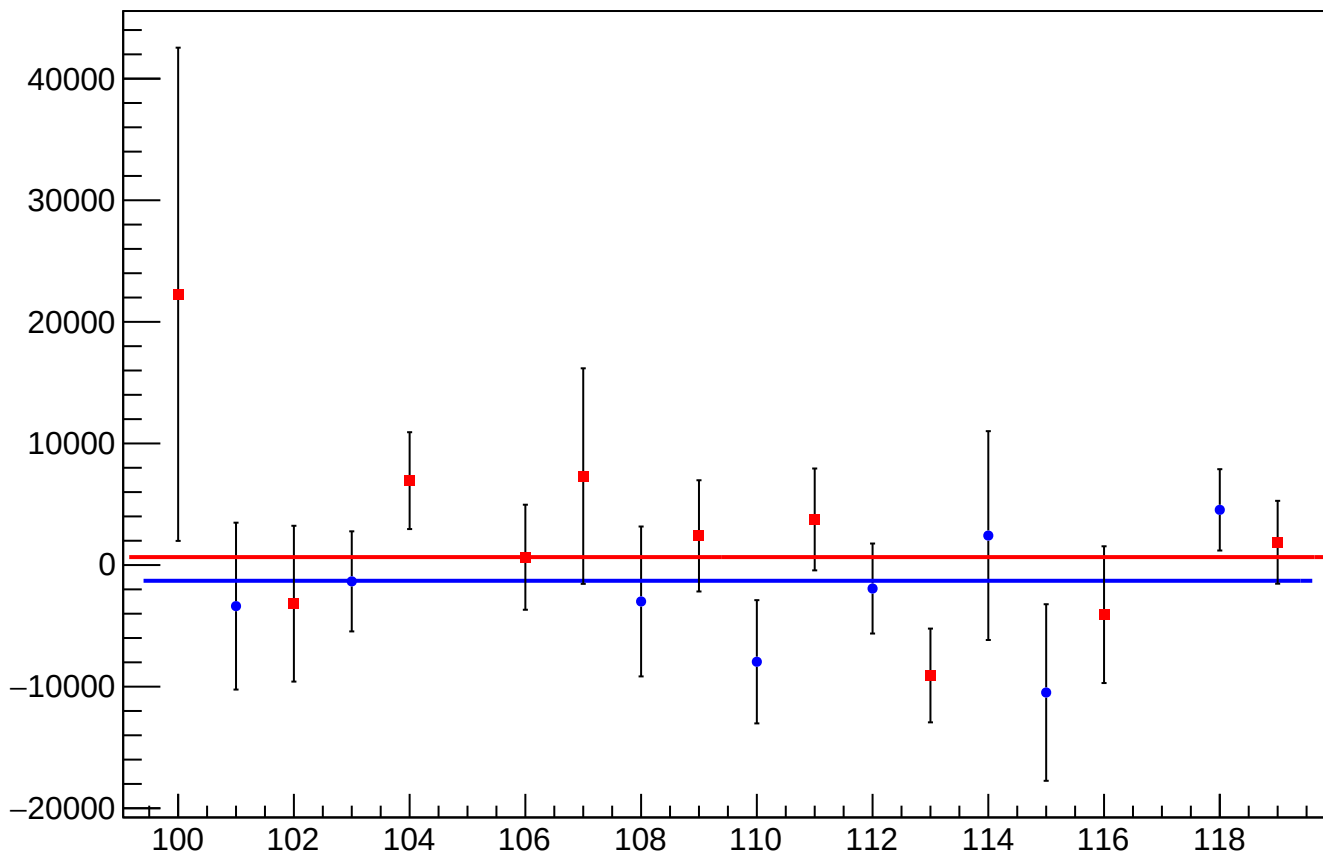
Right: 1732.645+/-0.469 χ^2/NDF : 780762.2/17

In: 1746.518+/-0.716 χ^2/NDF : 652449.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1732.645+/-0.469 χ^2/NDF : 780762.2/17

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1293.505+/-1713.757 χ^2 /NDF: 6.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 654.778+/-1497.431 χ^2 /NDF: 12.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

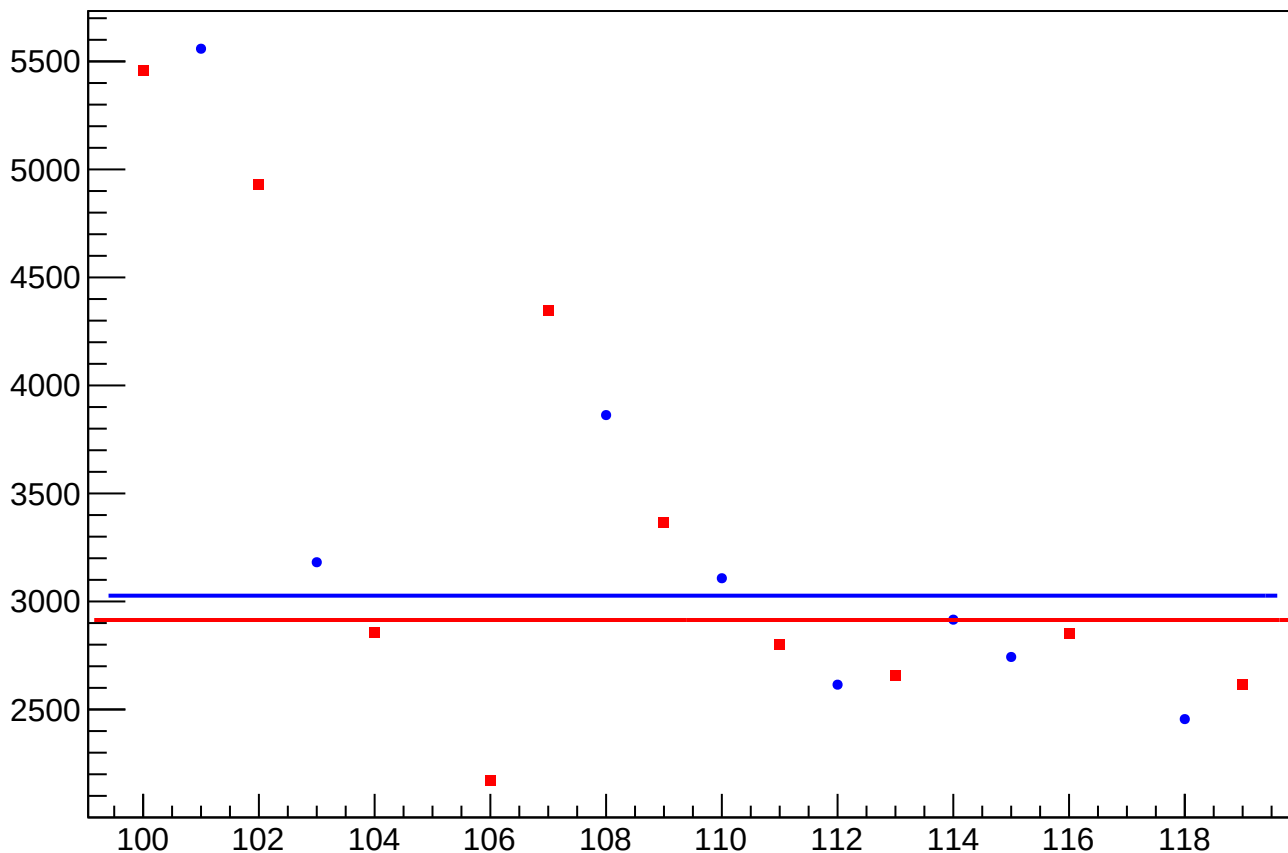
Right: -188.708+/-1127.618 χ^2 /NDF: 19.9/17

In: -1293.505+/-1713.757 χ^2 /NDF:6.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -188.708+/-1127.618 χ^2 /NDF: 19.9/17

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3026.801+/-1.212 χ^2/NDF : 398956.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2914.166+/-1.059 χ^2/NDF : 386207.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

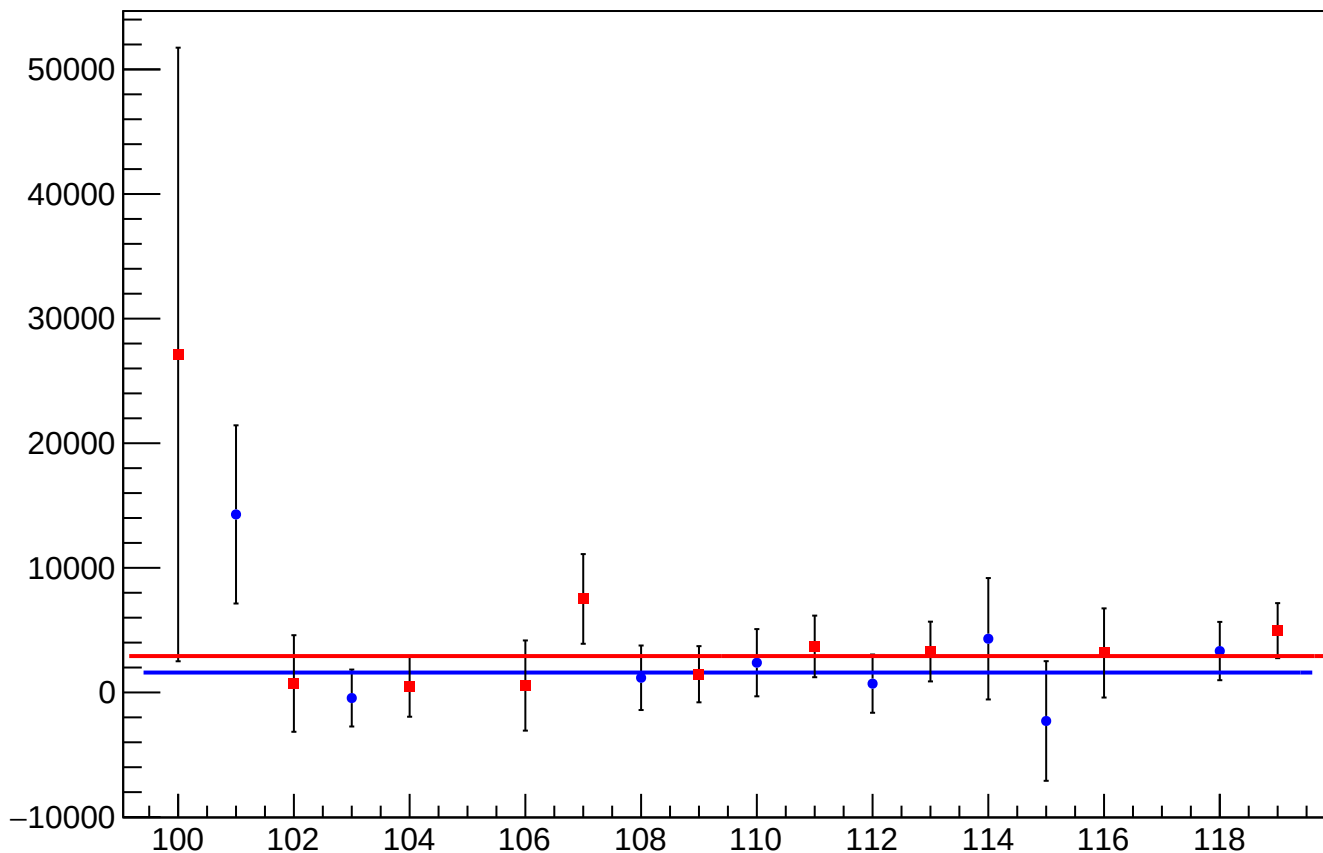
Right: 2962.930+/-0.797 χ^2/NDF : 790063.2/17

In: 3026.801+/-1.212 χ^2/NDF : 398956.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2962.930+/-0.797 χ^2/NDF : 790063.2/17

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1597.211+/-1026.404 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2919.513+/-909.961 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

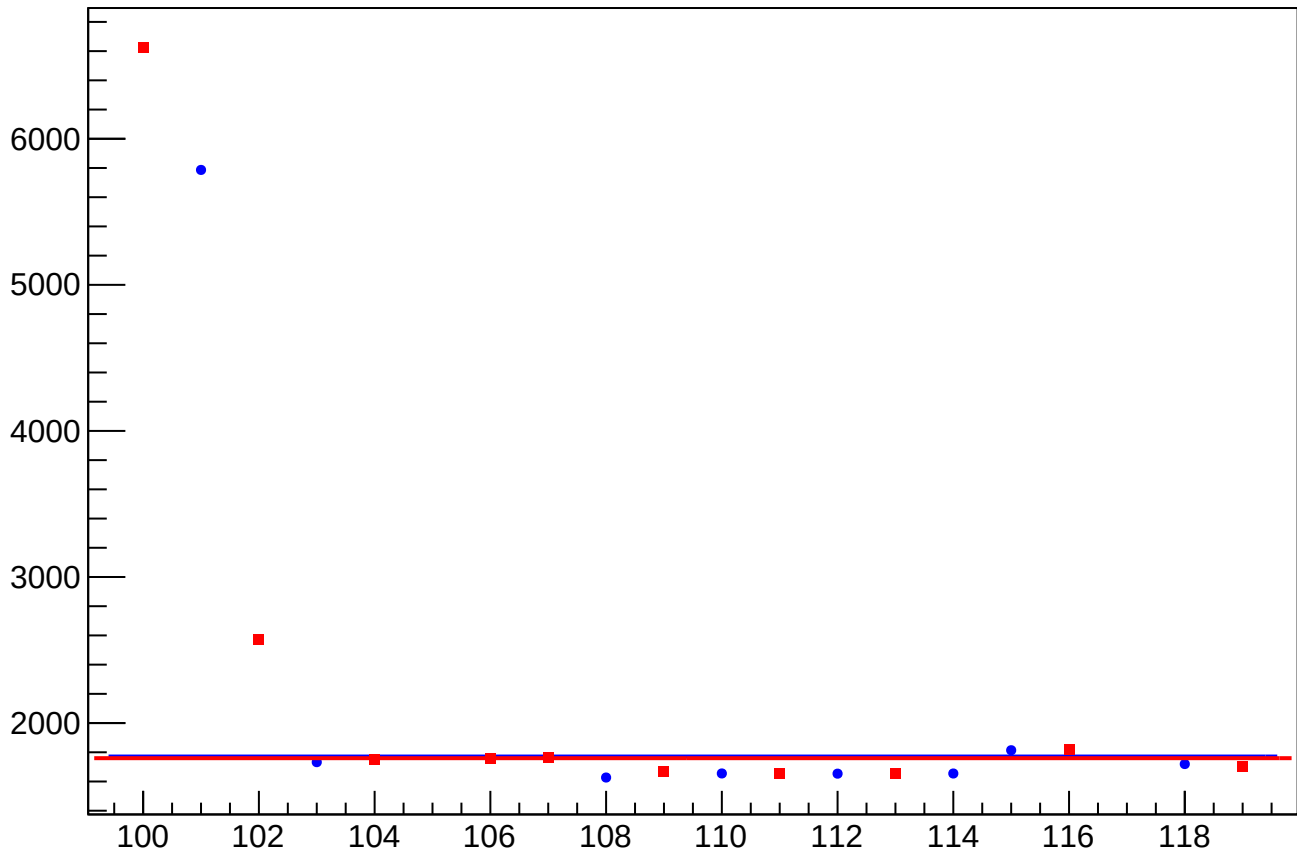
Right: 2337.592+/-680.903 χ^2/NDF : 12.4/17

In: 1597.211+/-1026.404 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2337.592+/-680.903 χ^2/NDF : 12.4/17

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1770.828+/-0.726 χ^2/NDF : 648637.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1759.604+/-0.640 χ^2/NDF : 179326.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

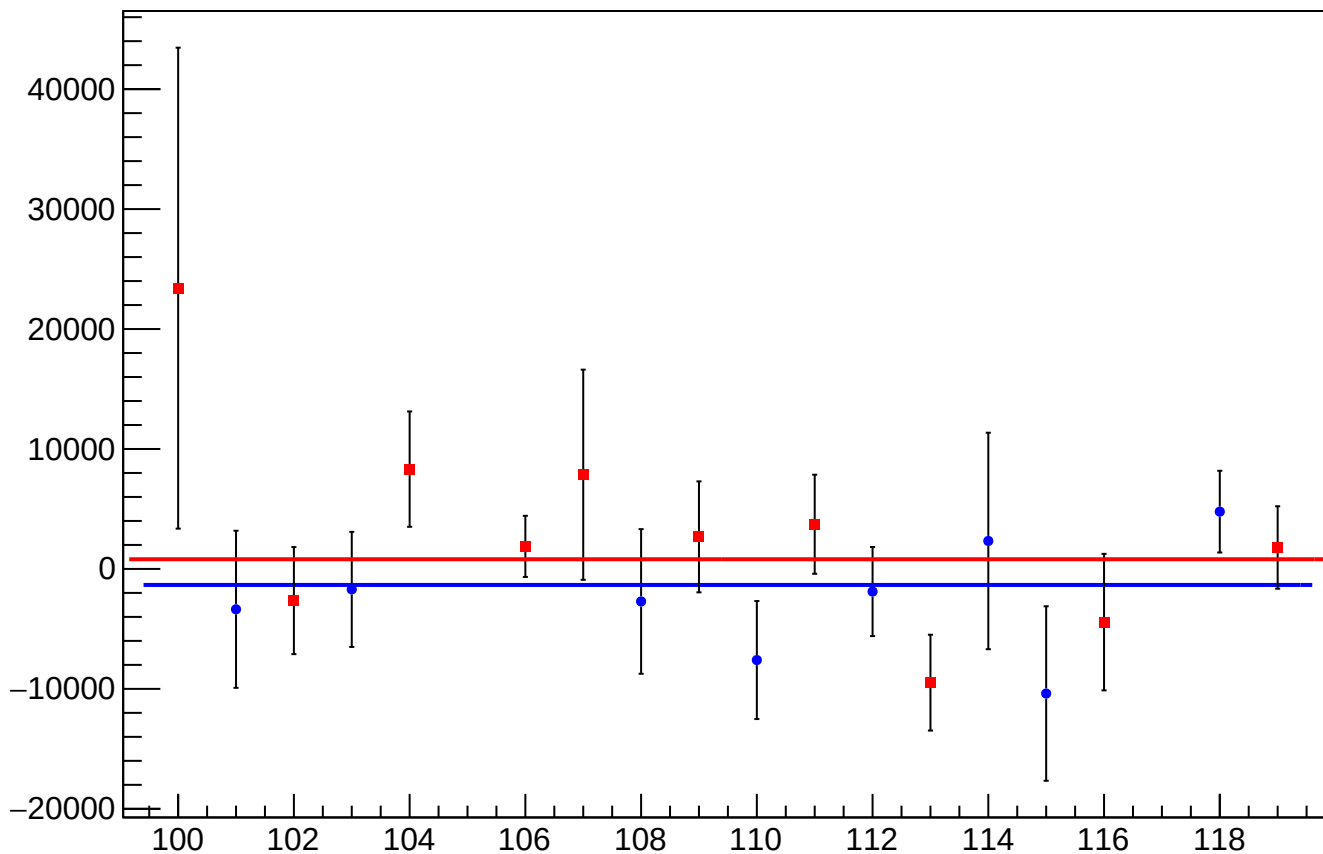
Right: 1764.515+/-0.480 χ^2/NDF : 828098.2/17

In: 1770.828+/-0.726 χ^2/NDF : 648637.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1764.515+/-0.480 χ^2/NDF : 828098.2/17

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1334.929+/-1753.175 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 807.019+/-1352.568 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

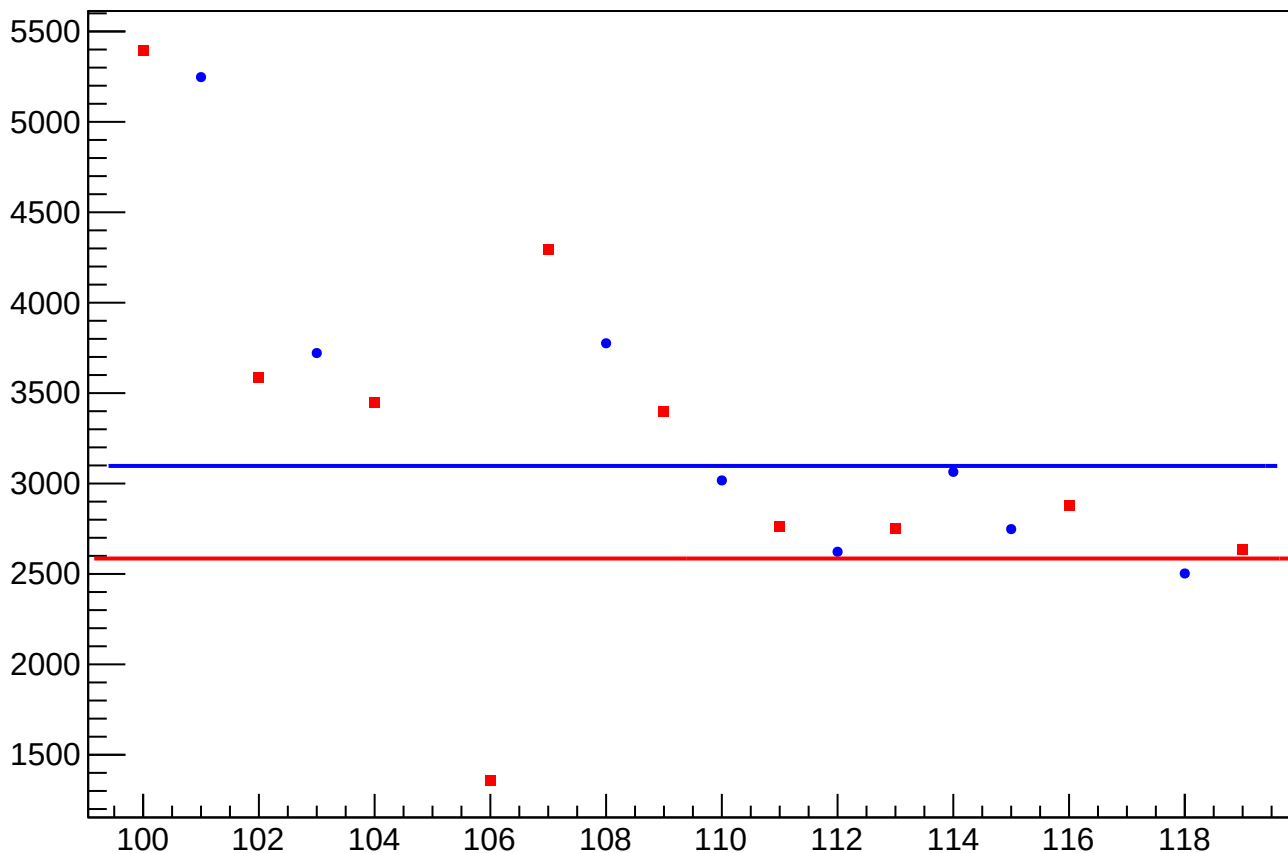
Right: 7.810+/-1070.904 χ^2/NDF : 21.0/17

In: -1334.929+/-1753.175 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.810+/-1070.904 χ^2/NDF : 21.0/17

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3097.327+/-1.240 χ^2/NDF : 373561.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.329+/-0.956 χ^2/NDF : 819928.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

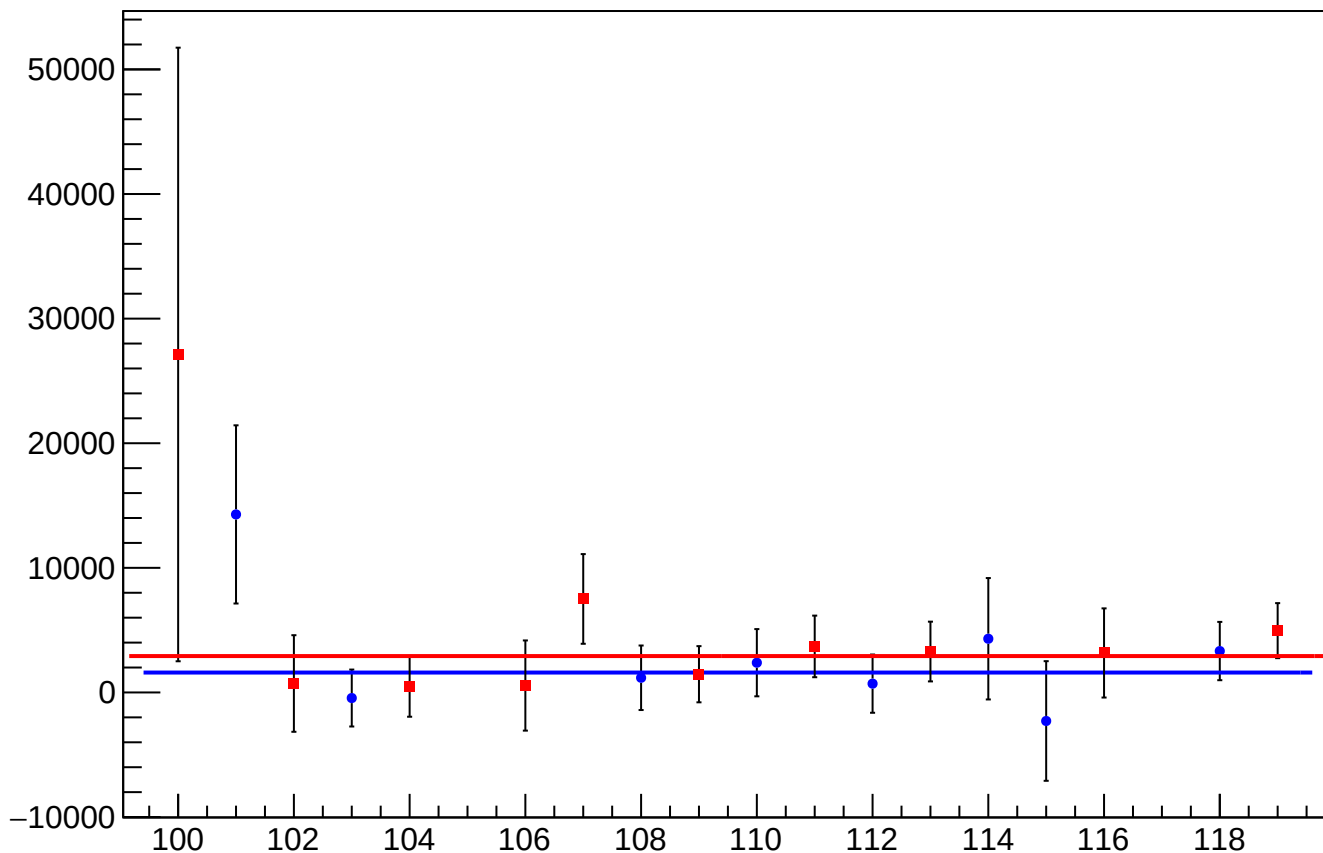
Right: 2776.367+/-0.757 χ^2/NDF : 1300420.5/17

In: 3097.327+/-1.240 χ^2/NDF : 373561.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.367+/-0.757 χ^2/NDF : 1300420.5/17

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1597.221+/-1026.404 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2919.520+/-909.961 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

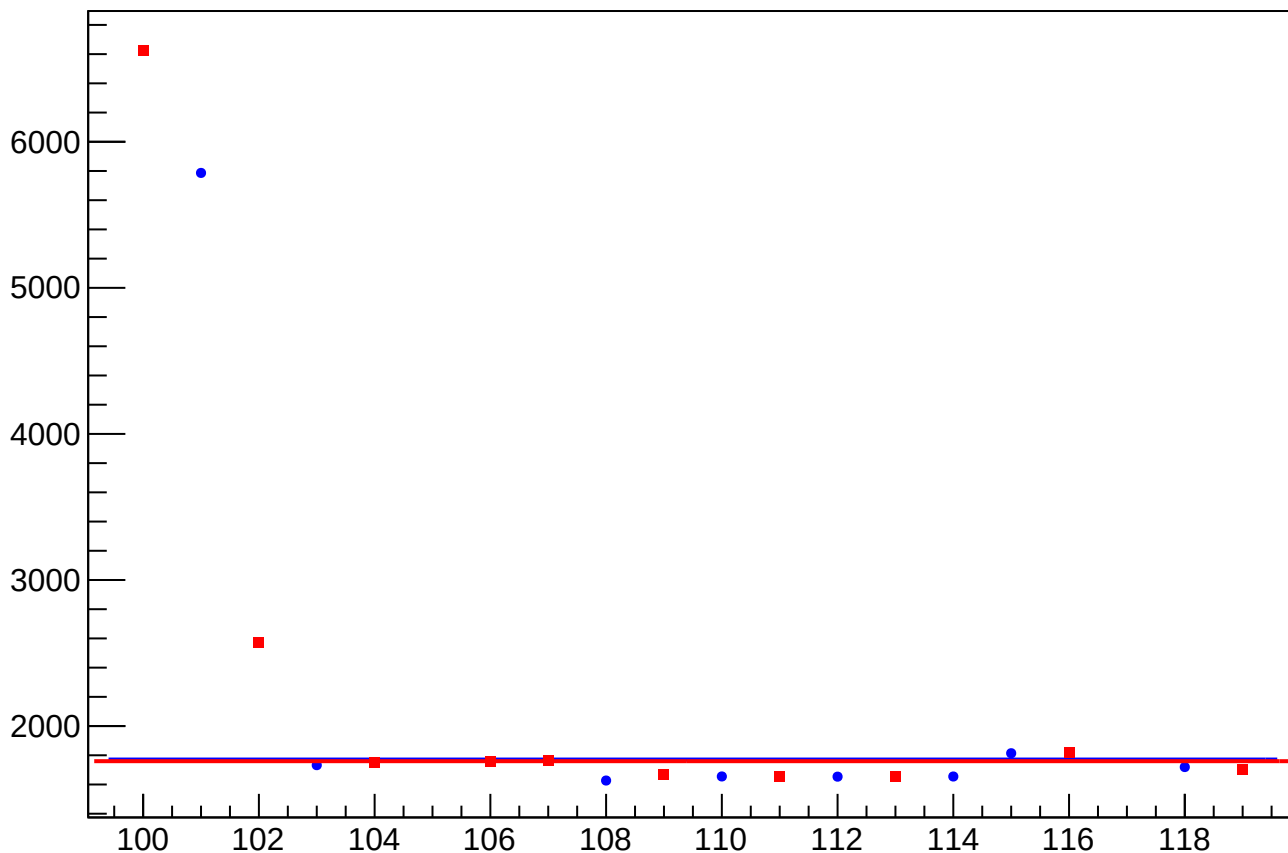
Right: 2337.600+/-680.903 χ^2/NDF : 12.4/17

In: 1597.221+/-1026.404 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2337.600+/-680.903 χ^2/NDF : 12.4/17

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1770.828+/-0.726 χ^2/NDF : 648637.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1759.603+/-0.640 χ^2/NDF : 179326.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

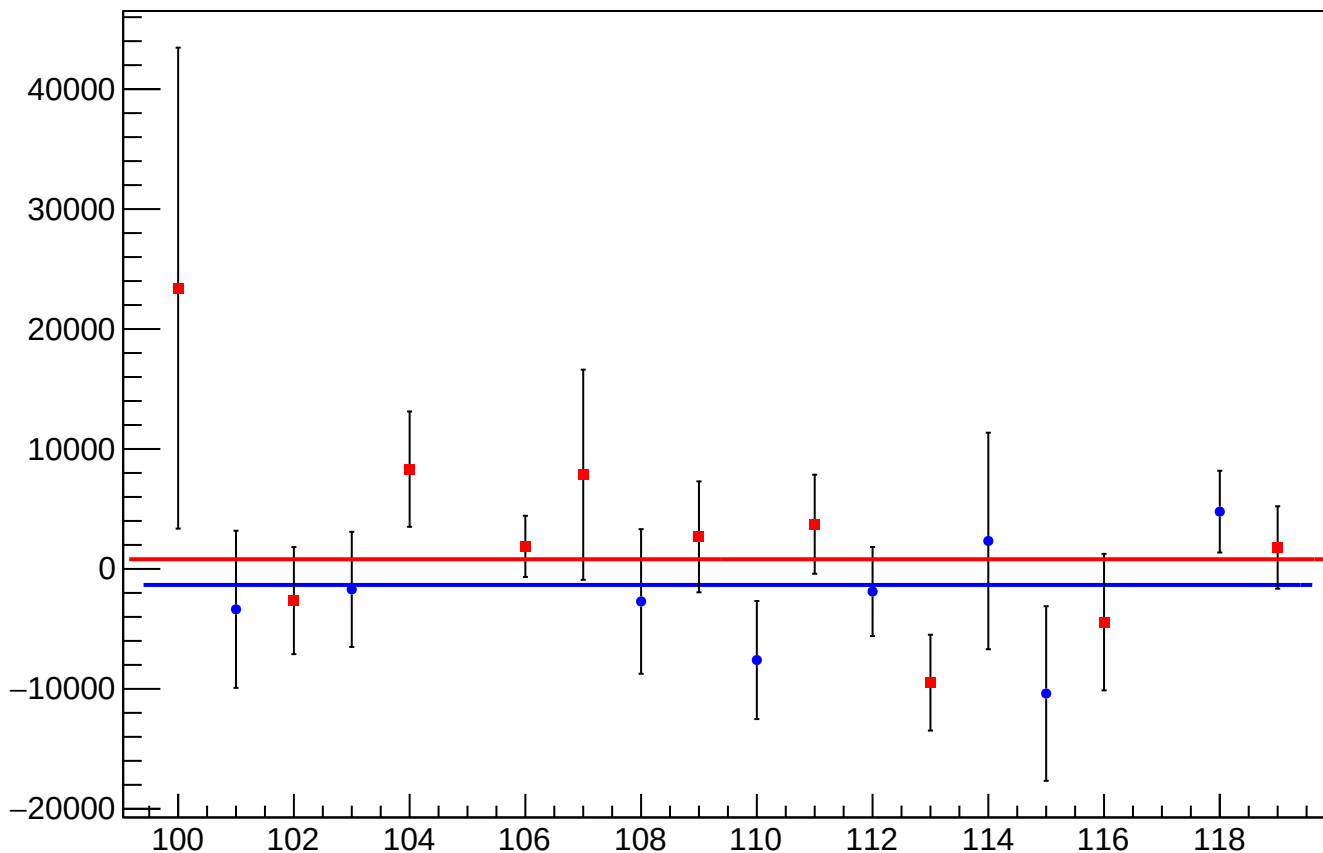
Right: 1764.515+/-0.480 χ^2/NDF : 828098.0/17

In: 1770.828+/-0.726 χ^2/NDF : 648637.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1764.515+/-0.480 χ^2/NDF : 828098.0/17

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1334.918 $\pm$ 1753.168 χ^2/NDF : 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 807.019 $\pm$ 1352.562 χ^2/NDF : 13.4/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

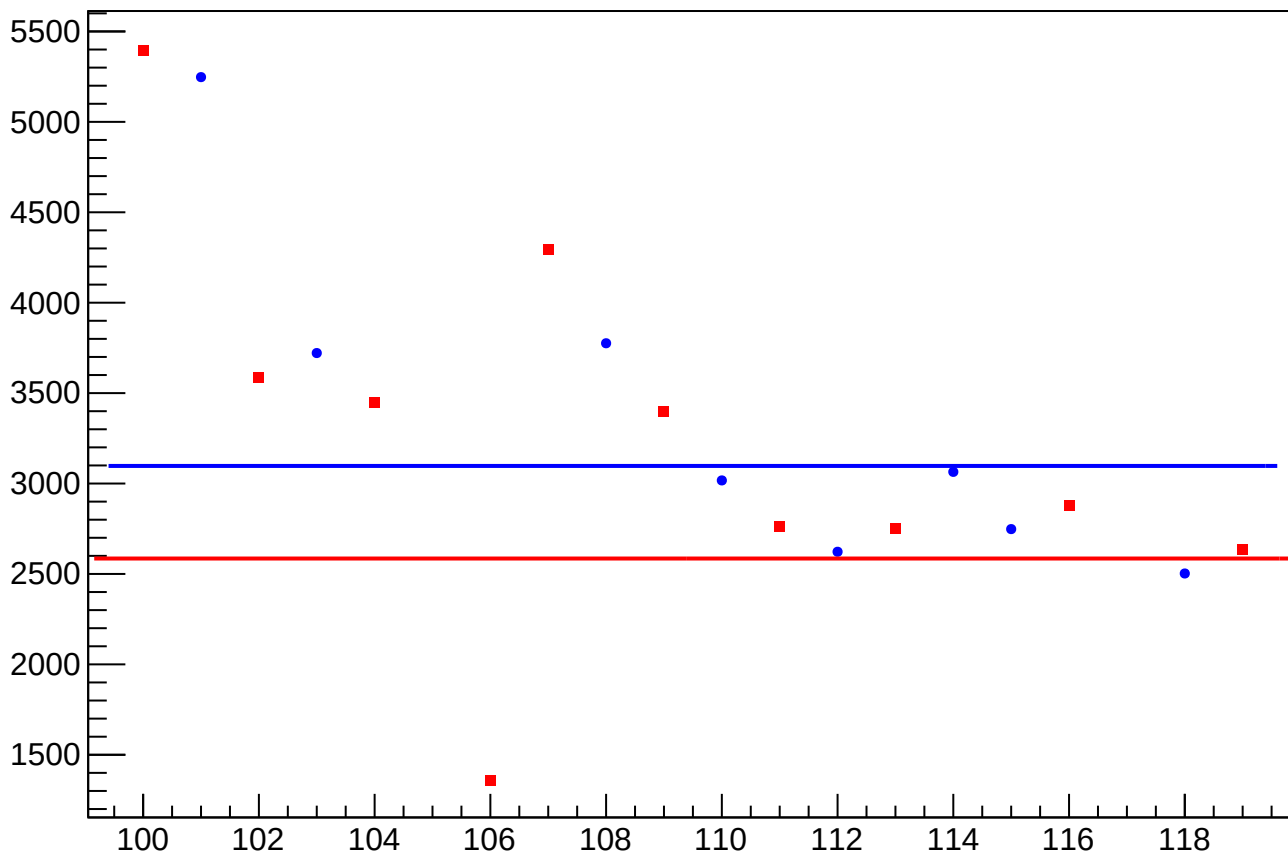
Right: 7.815 $\pm$ 1070.900 χ^2/NDF : 21.0/17

In: -1334.918 $\pm$ 1753.168 χ^2/NDF : 6.7/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 7.815 $\pm$ 1070.900 χ^2/NDF : 21.0/17

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3097.315+/-1.240 χ^2/NDF : 373565.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2585.314+/-0.956 χ^2/NDF : 819942.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

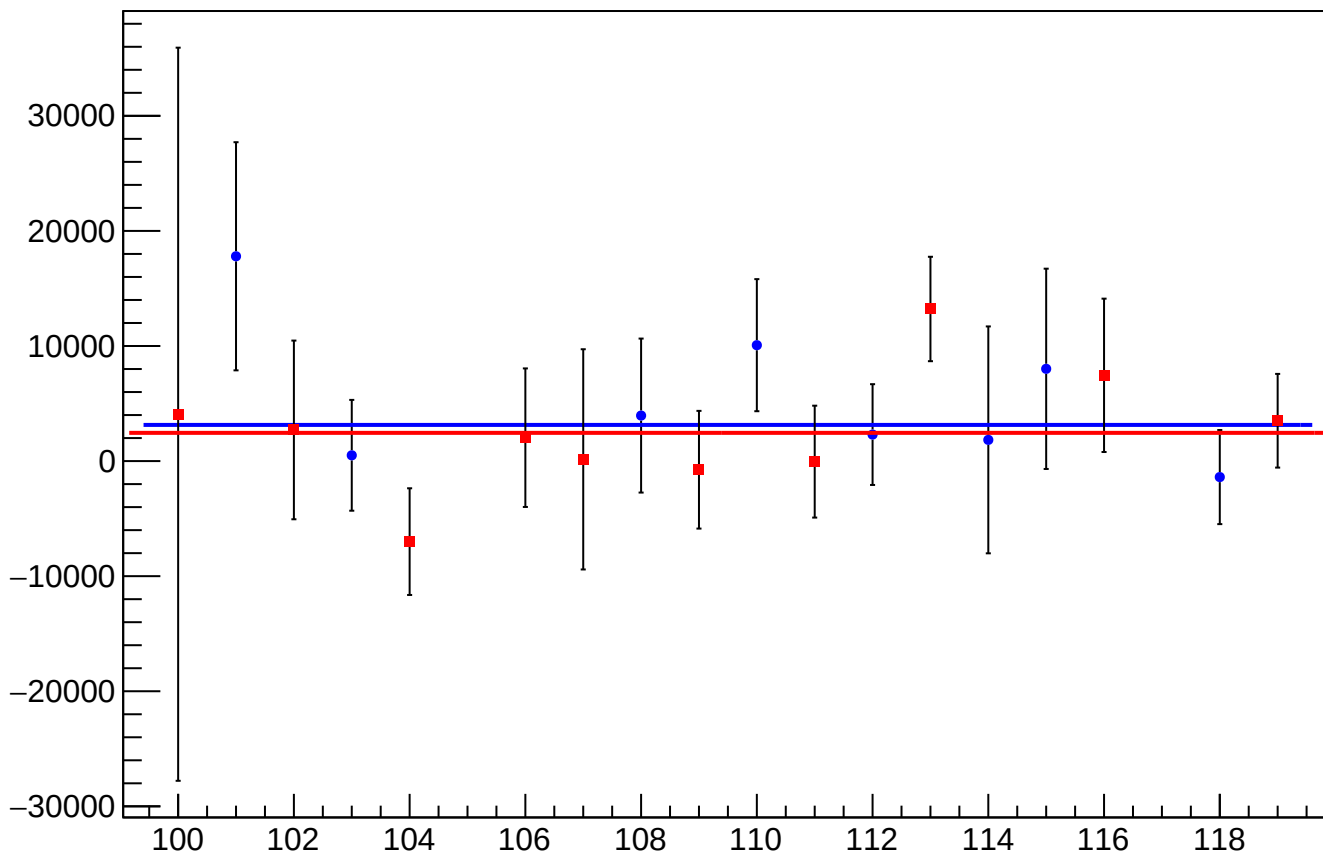
Right: 2776.353+/-0.757 χ^2/NDF : 1300439.1/17

In: 3097.315+/-1.240 χ^2/NDF : 373565.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.353+/-0.757 χ^2/NDF : 1300439.1/17

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 3143.042 $\pm$ 2034.983 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2452.814 $\pm$ 1782.809 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

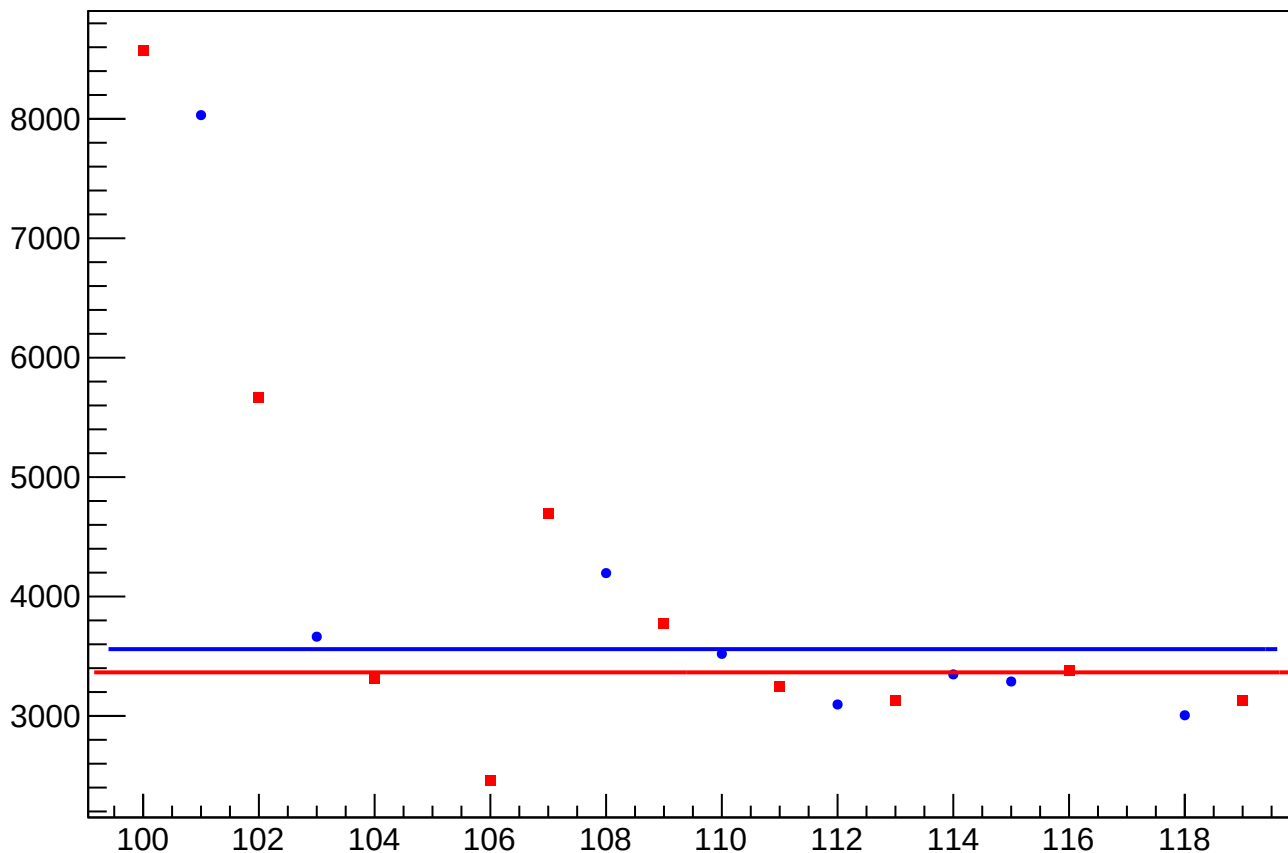
Right: 2752.535 $\pm$ 1340.982 χ^2 /NDF: 16.8/17

In: 3143.042 $\pm$ 2034.983 χ^2 /NDF:5.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2752.535 $\pm$ 1340.982 χ^2 /NDF: 16.8/17

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3559.313+/-1.439 χ^2/NDF : 488185.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3364.879+/-1.227 χ^2/NDF : 367159.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

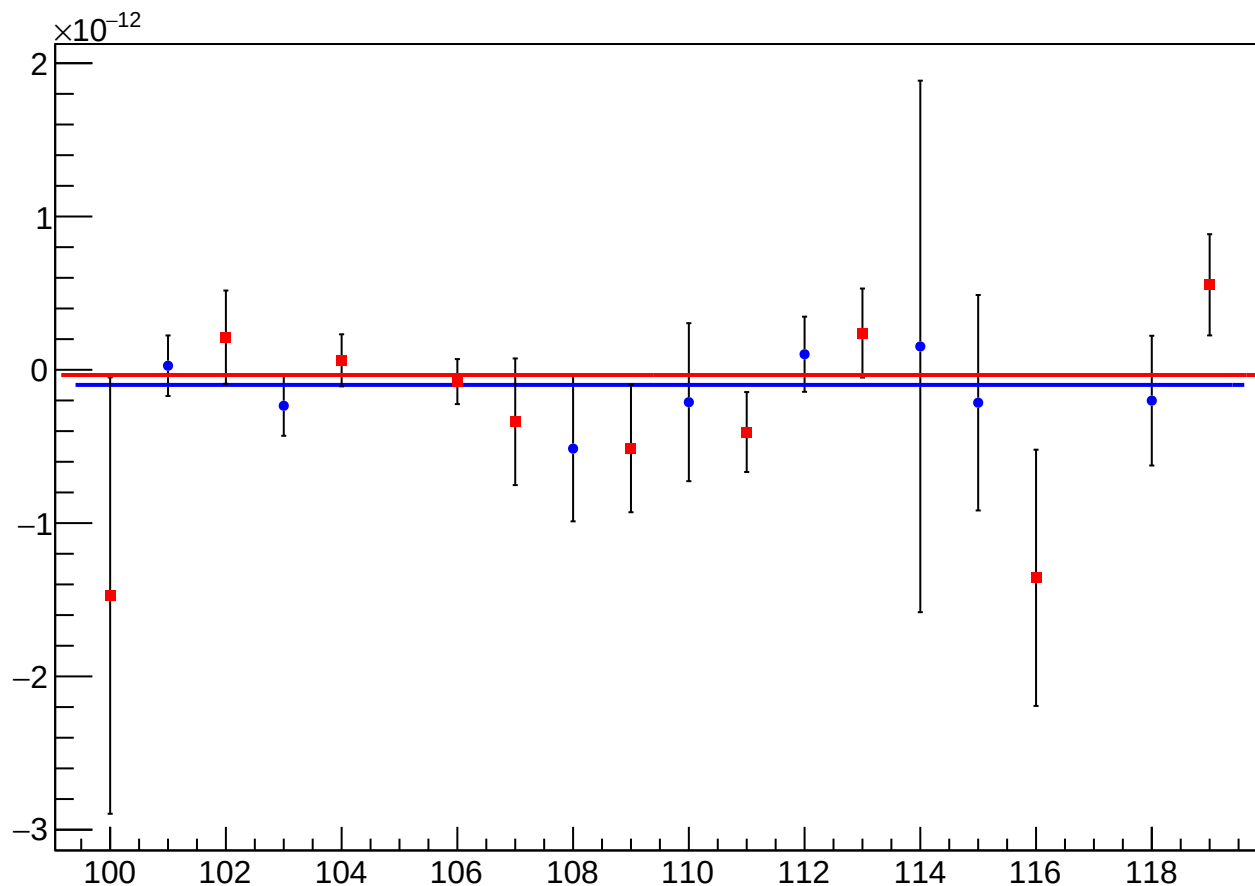
Right: 3446.734+/-0.934 χ^2/NDF : 865916.5/17

In: 3559.313+/-1.439 χ^2/NDF : 488185.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3446.734+/-0.934 χ^2/NDF : 865916.5/17

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

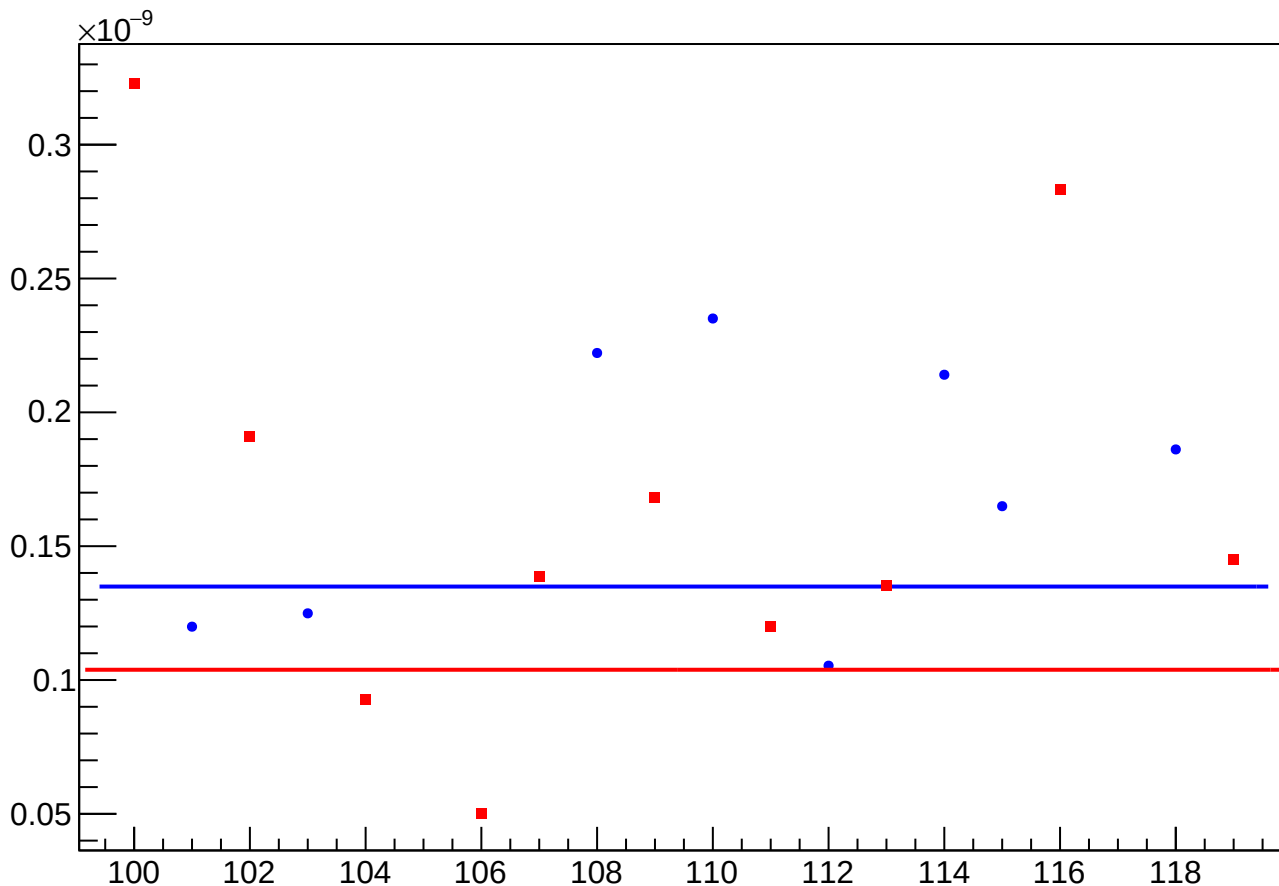
Right: -0.000+/-0.000 χ^2/NDF : 15.3/17

In: -0.000+/-0.000 χ^2/NDF :2.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/17

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 226186.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 703546.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

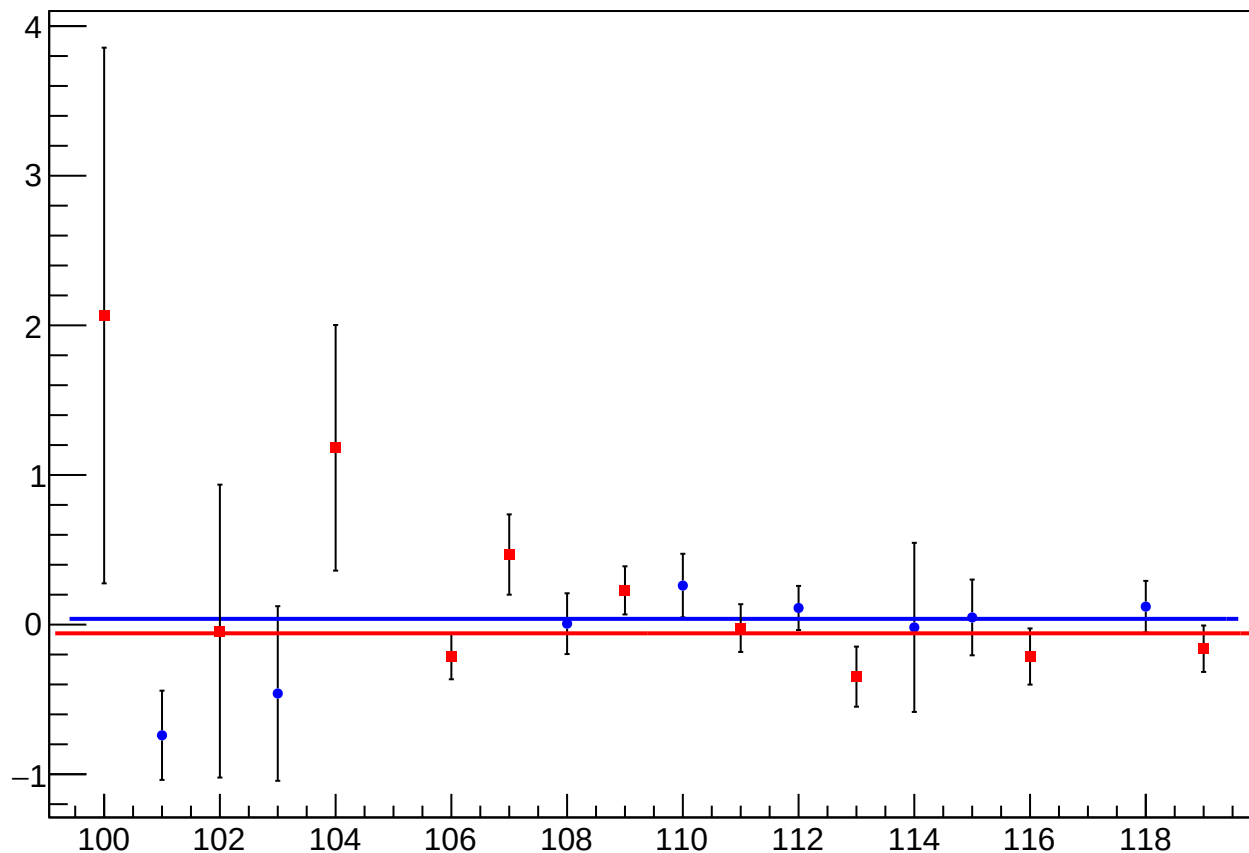
Right: 0.000+/-0.000 χ^2/NDF : 1031894.9/17

In: 0.000+/-0.000 χ^2/NDF : 226186.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1031894.9/17

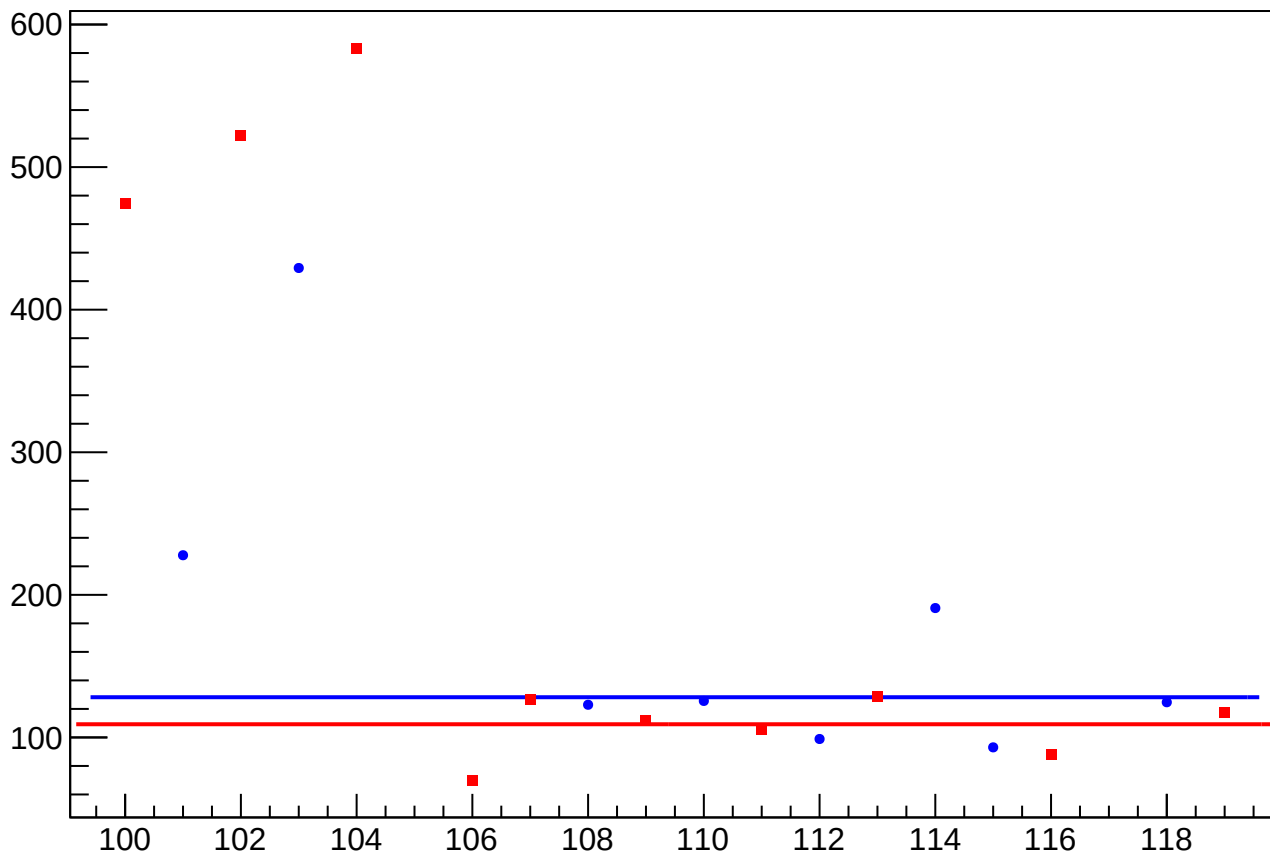
asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.079 χ^2/NDF : 9.1/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9
 Left 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+/-0.051 χ^2/NDF : 25.0/17
 In: 0.038+/-0.079 χ^2/NDF : 9.1/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.019+/-0.051 χ^2/NDF : 25.0/17

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.201+/-0.056 χ^2/NDF : 899927.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.248+/-0.046 χ^2/NDF : 1297344.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

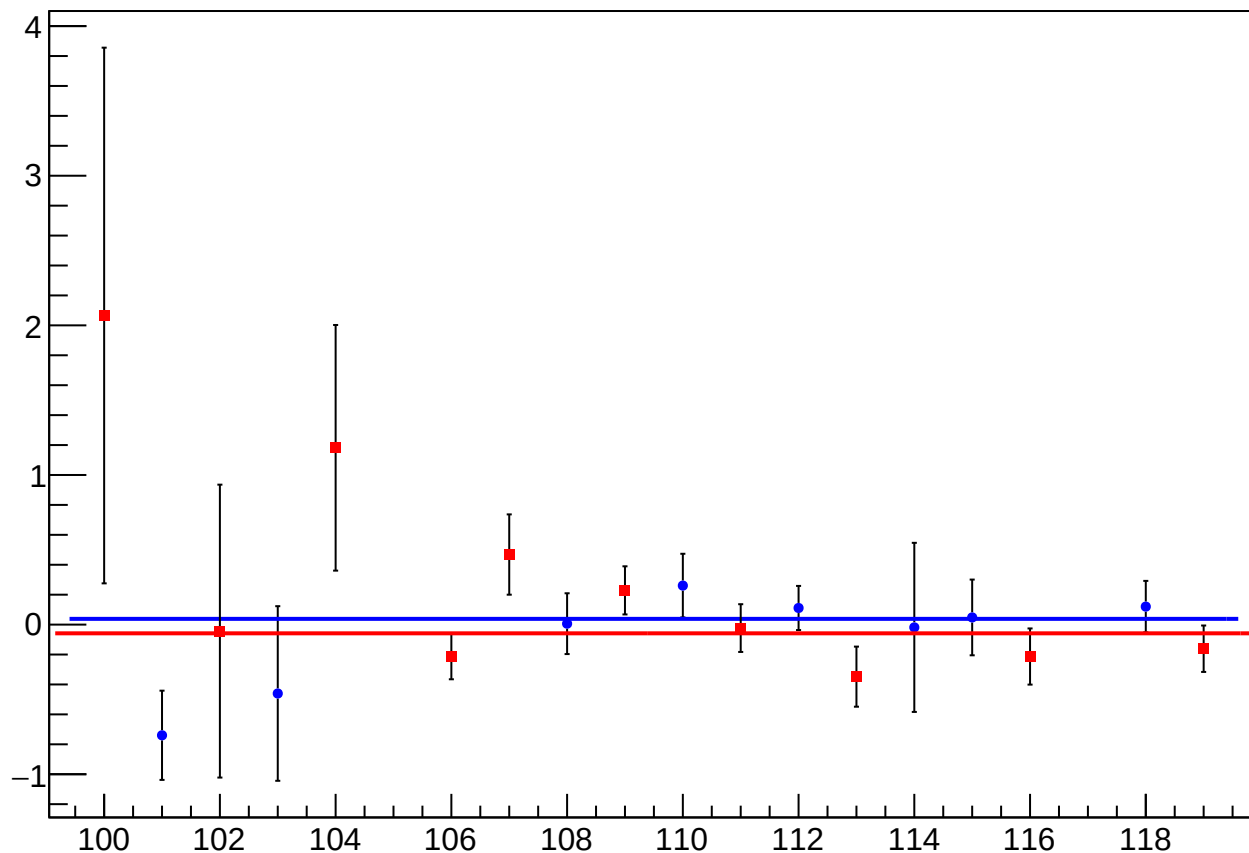
Right: 116.968+/-0.036 χ^2/NDF : 2265018.5/17

In: 128.201+/-0.056 χ^2/NDF : 899927.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.968+/-0.036 χ^2/NDF : 2265018.5/17

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038 $\pm$ 0.079 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.066 χ^2 /NDF: 15.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

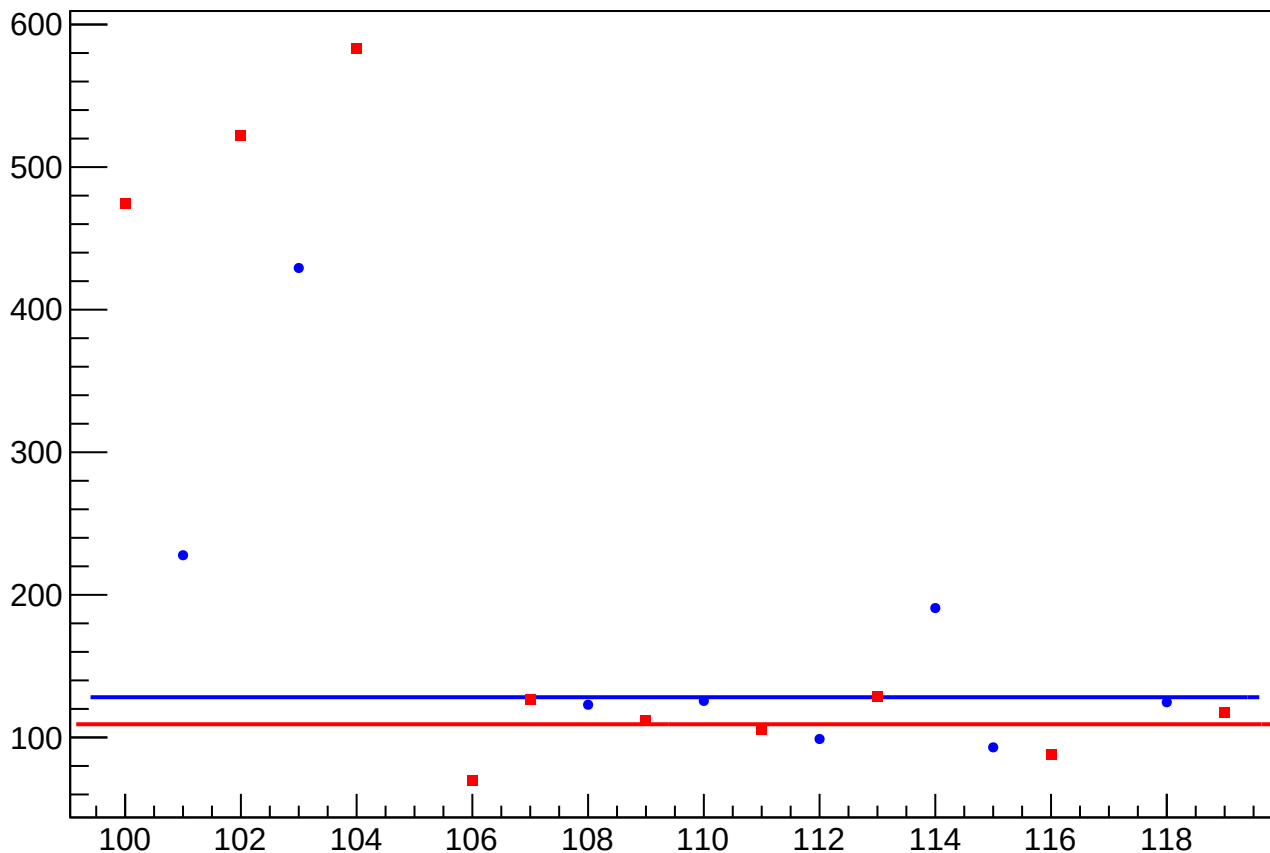
Right: -0.019 $\pm$ 0.051 χ^2 /NDF: 25.0/17

In: 0.038 $\pm$ 0.079 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.051 χ^2 /NDF: 25.0/17

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.201+/-0.056 χ^2/NDF : 899927.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.248+/-0.046 χ^2/NDF : 1297344.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

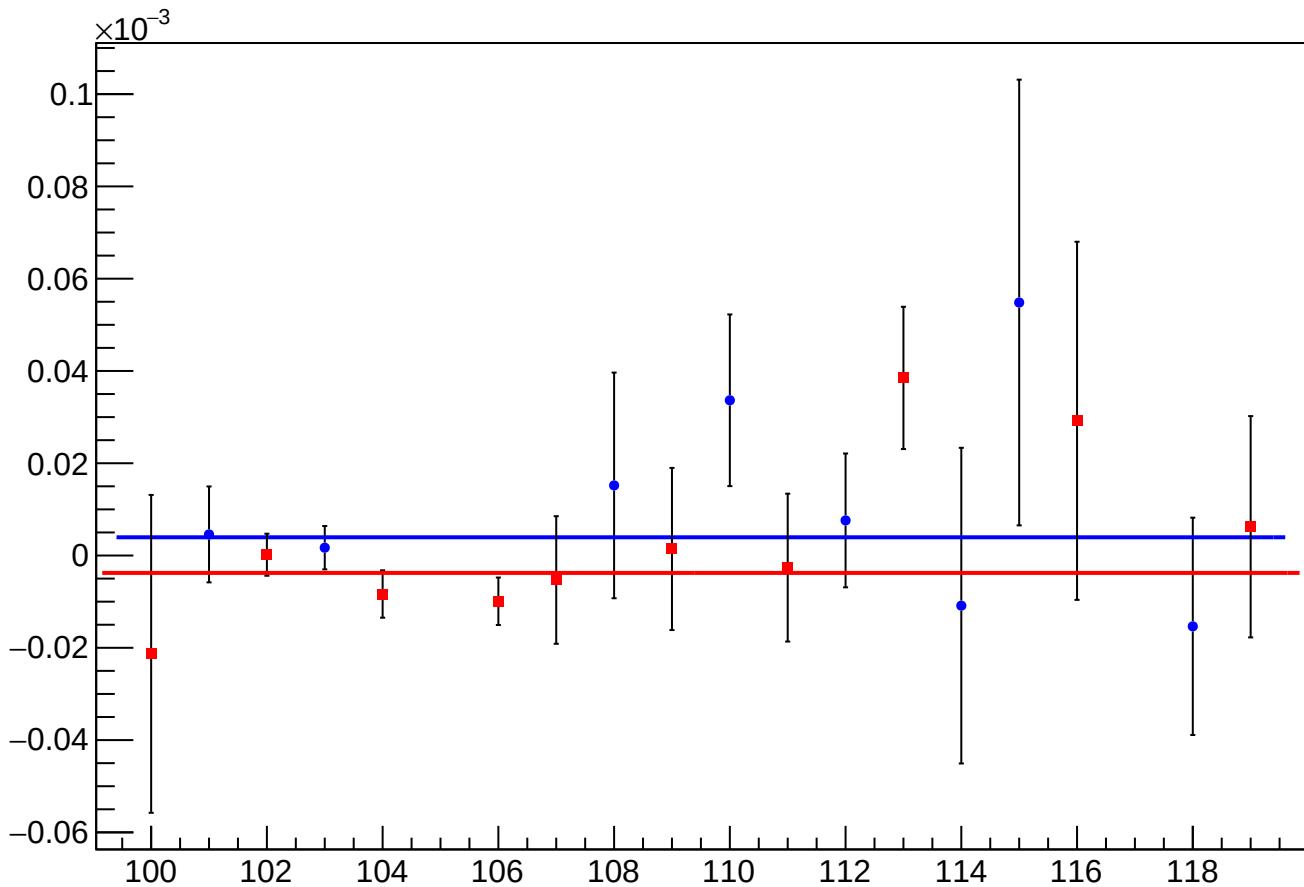
Right: 116.968+/-0.036 χ^2/NDF : 2265018.5/17

In: 128.201+/-0.056 χ^2/NDF :899927.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 116.968+/-0.036 χ^2/NDF : 2265018.5/17

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

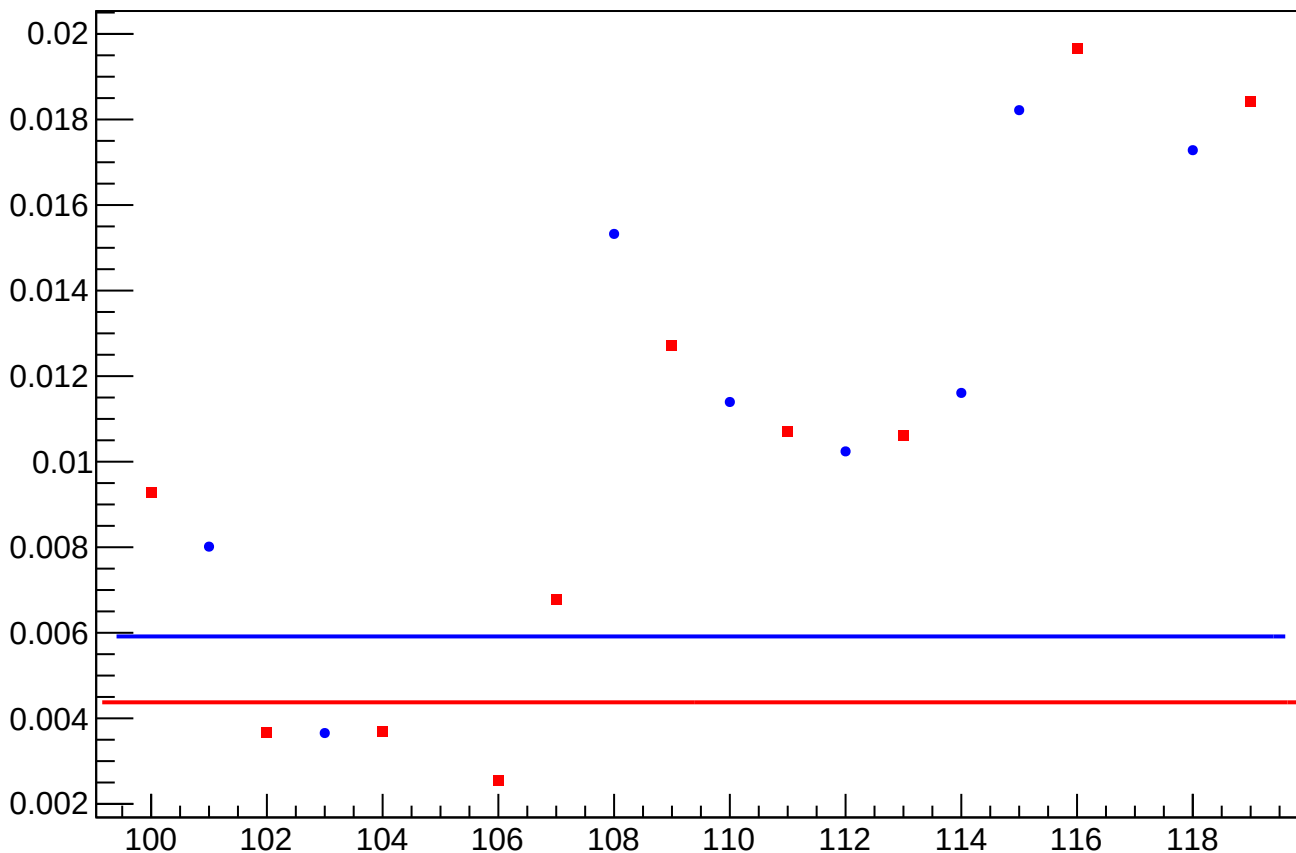
Right: -0.000+/-0.000 χ^2/NDF : 19.5/17

In: 0.000+/-0.000 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.5/17

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1842193.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2522863.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

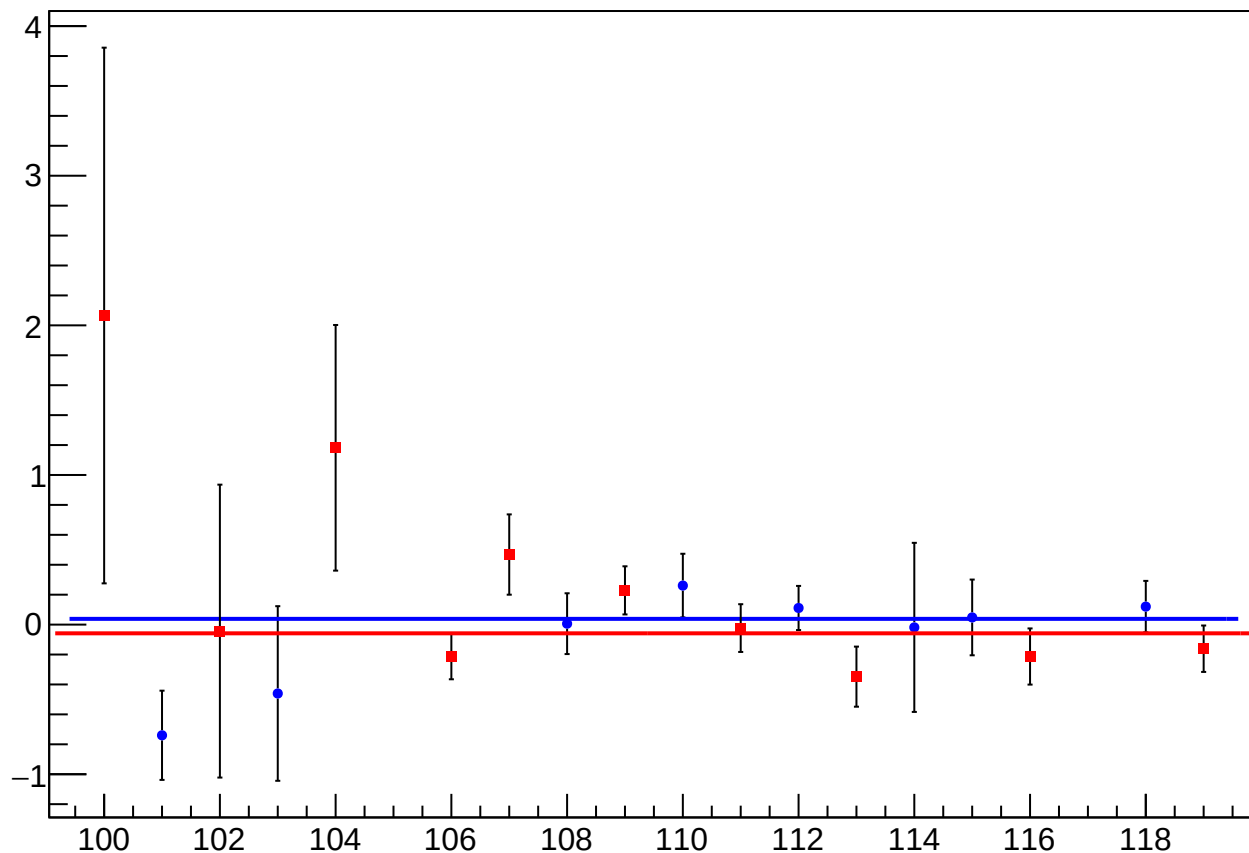
Right: 0.005+/-0.000 χ^2/NDF : 4581693.4/17

In: 0.006+/-0.000 χ^2/NDF :1842193.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4581693.4/17

asym_atr1l2_avg_eigen_dit_vs_Slug, Sign Corrected



Right In: 0.038+/-0.079 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

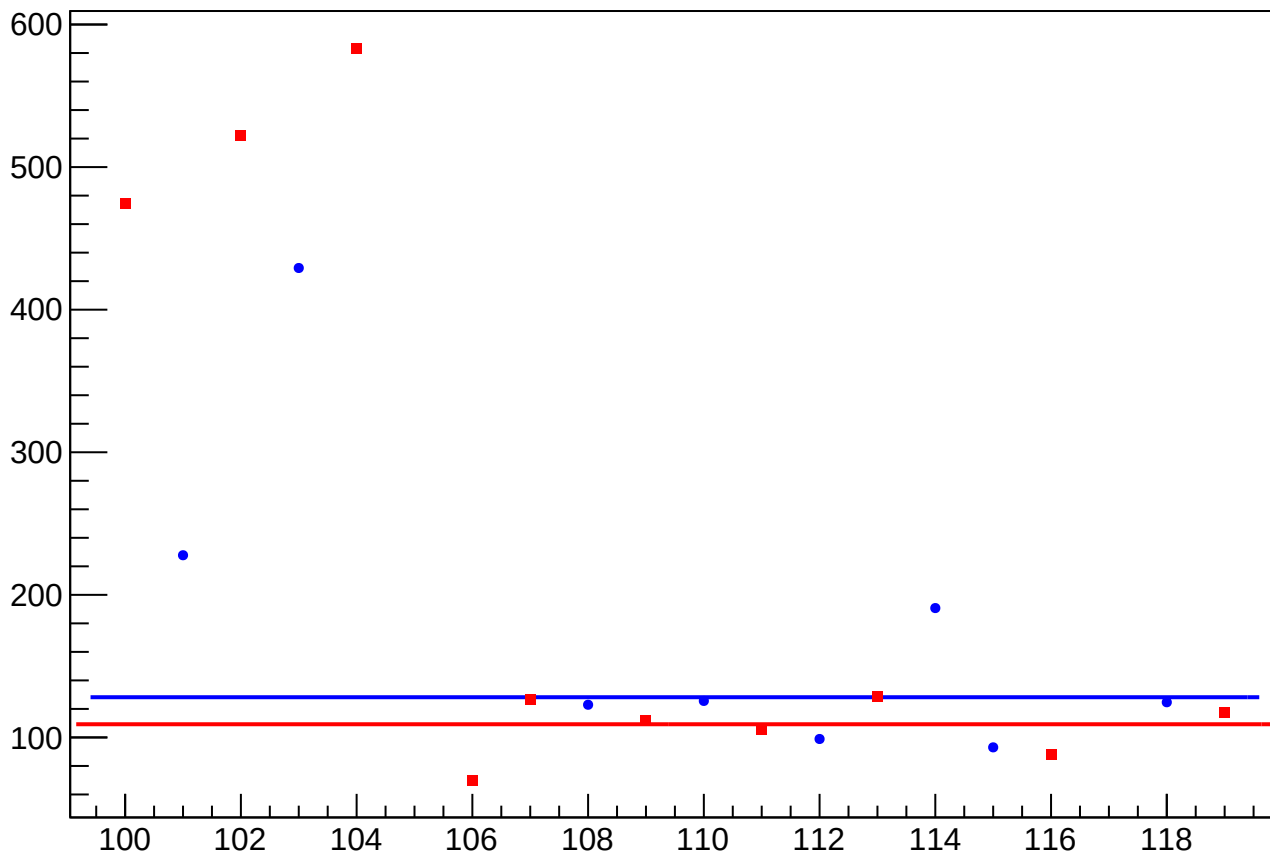
Right: -0.019+/-0.051 χ^2/NDF : 25.0/17

In: 0.038+/-0.079 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.051 χ^2/NDF : 25.0/17

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.205+/-0.056 χ^2/NDF : 899875.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.250+/-0.046 χ^2/NDF : 1297309.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

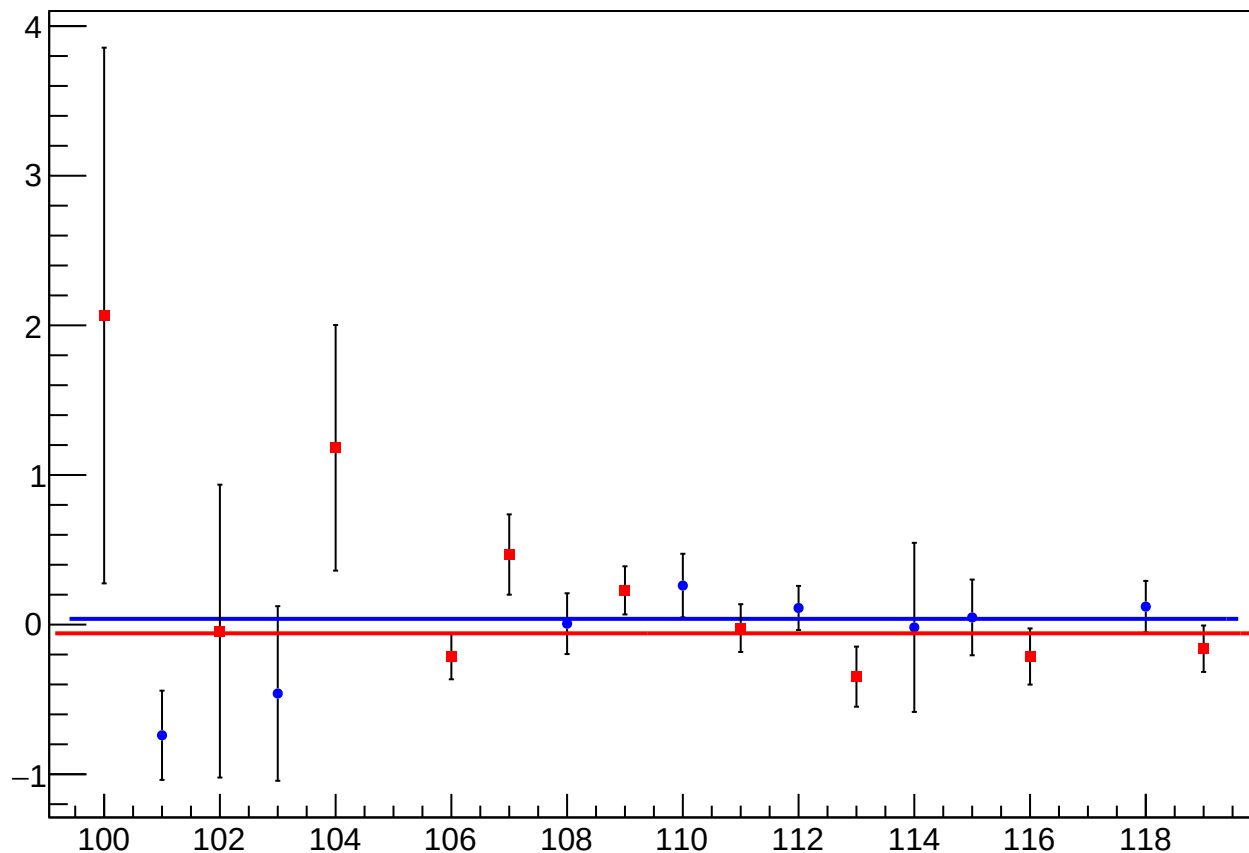
Right: 116.970+/-0.036 χ^2/NDF : 2264941.8/17

In: 128.205+/-0.056 χ^2/NDF : 899875.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.970+/-0.036 χ^2/NDF : 2264941.8/17

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.079 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.058+/-0.066 χ^2/NDF : 15.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

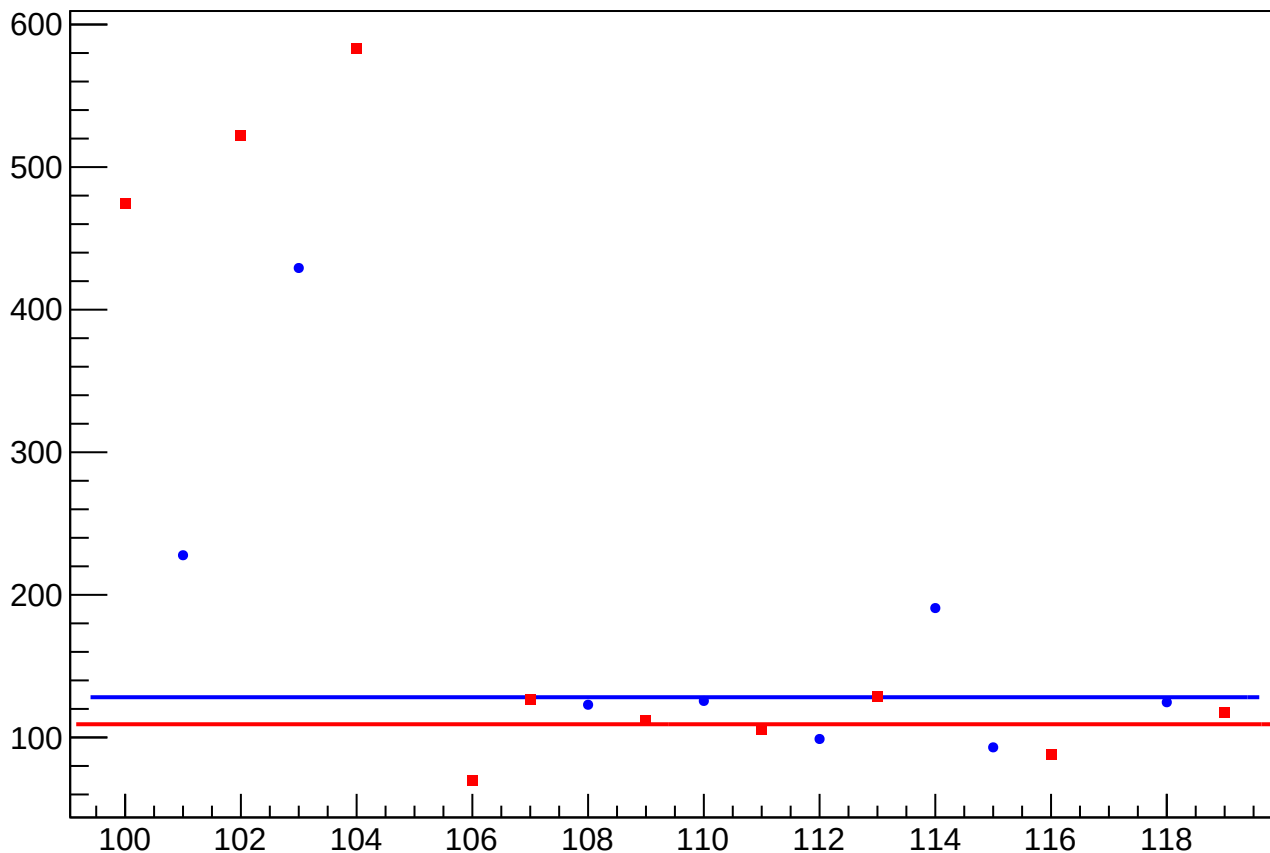
Right: -0.019+/-0.051 χ^2/NDF : 25.0/17

In: 0.038+/-0.079 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.051 χ^2/NDF : 25.0/17

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.205+/-0.056 χ^2/NDF : 899875.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.250+/-0.046 χ^2/NDF : 1297309.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

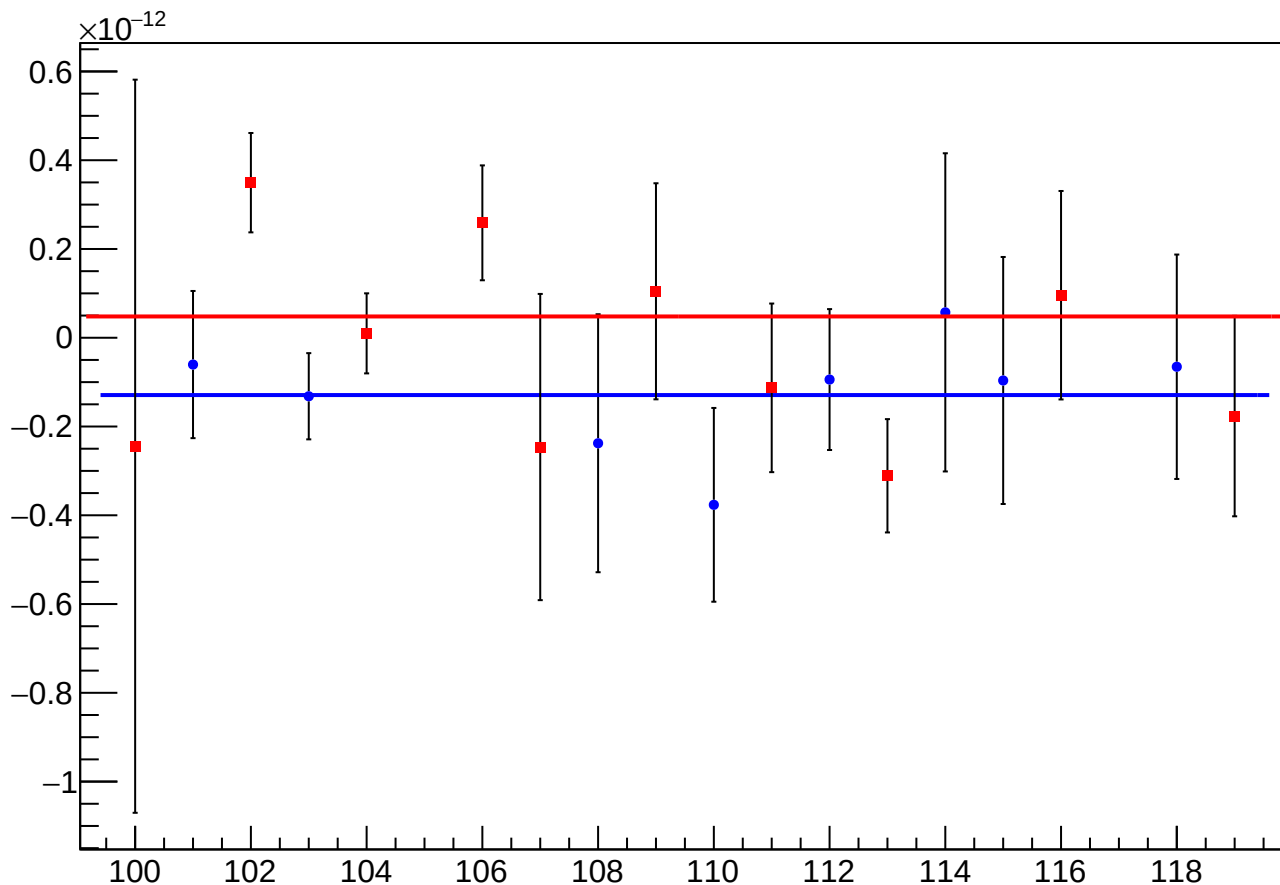
Right: 116.970+/-0.036 χ^2/NDF : 2264941.8/17

In: 128.205+/-0.056 χ^2/NDF : 899875.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.970+/-0.036 χ^2/NDF : 2264941.8/17

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

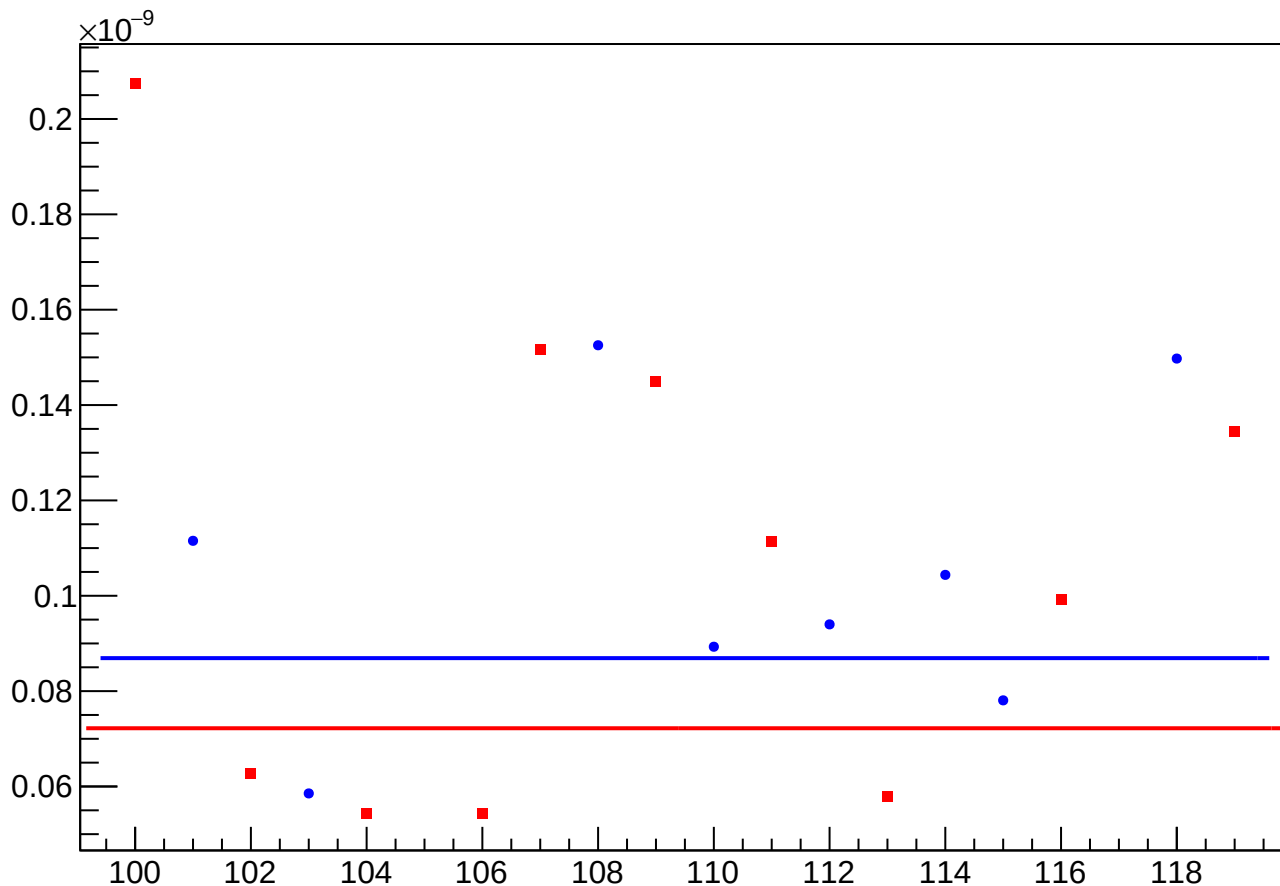
Right: -0.000+/-0.000 χ^2/NDF : 27.6/17

In: -0.000+/-0.000 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/17

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 451235.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 757719.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

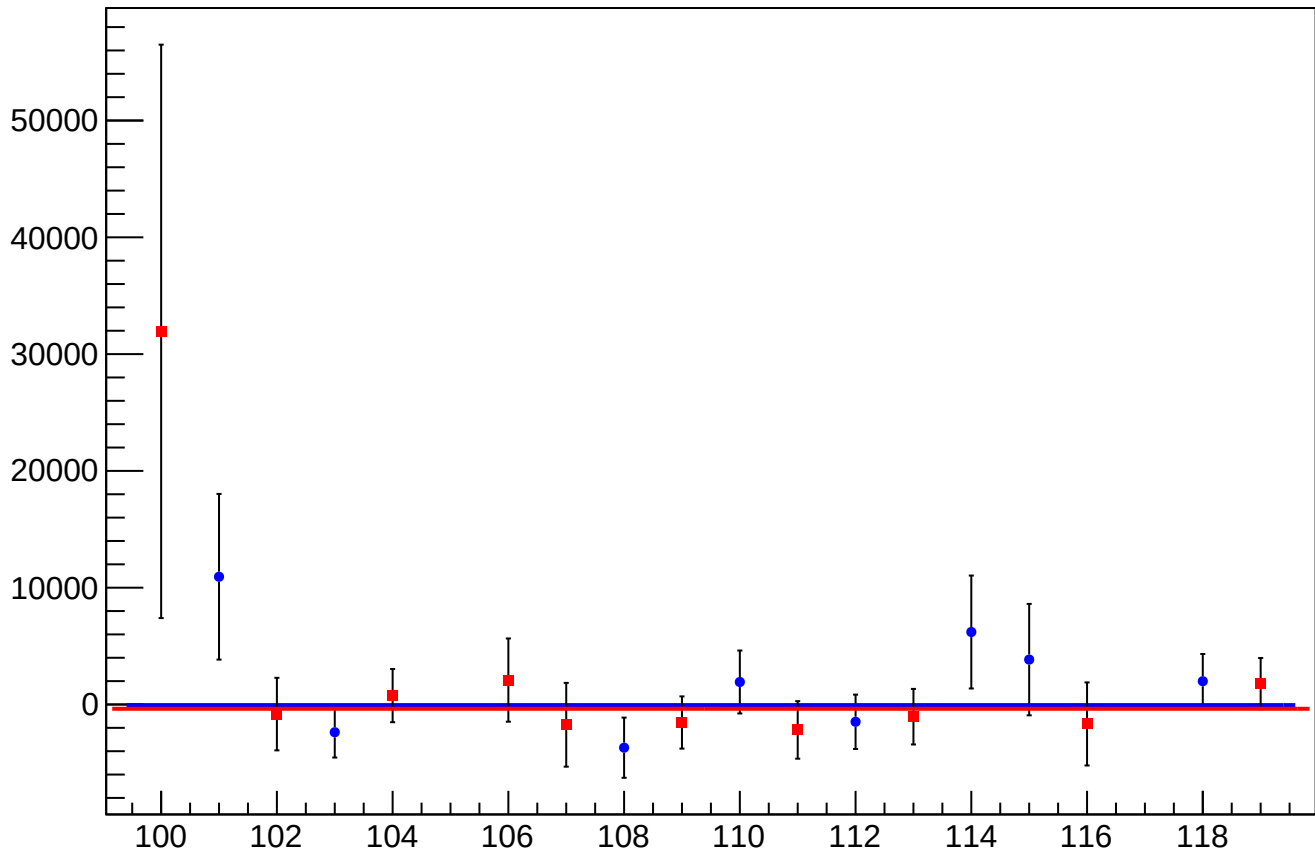
Right: 0.000+/-0.000 χ^2/NDF : 1276711.9/17

In: 0.000+/-0.000 χ^2/NDF : 451235.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1276711.9/17

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -53.108+/-1011.990 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -367.333+/-883.041 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

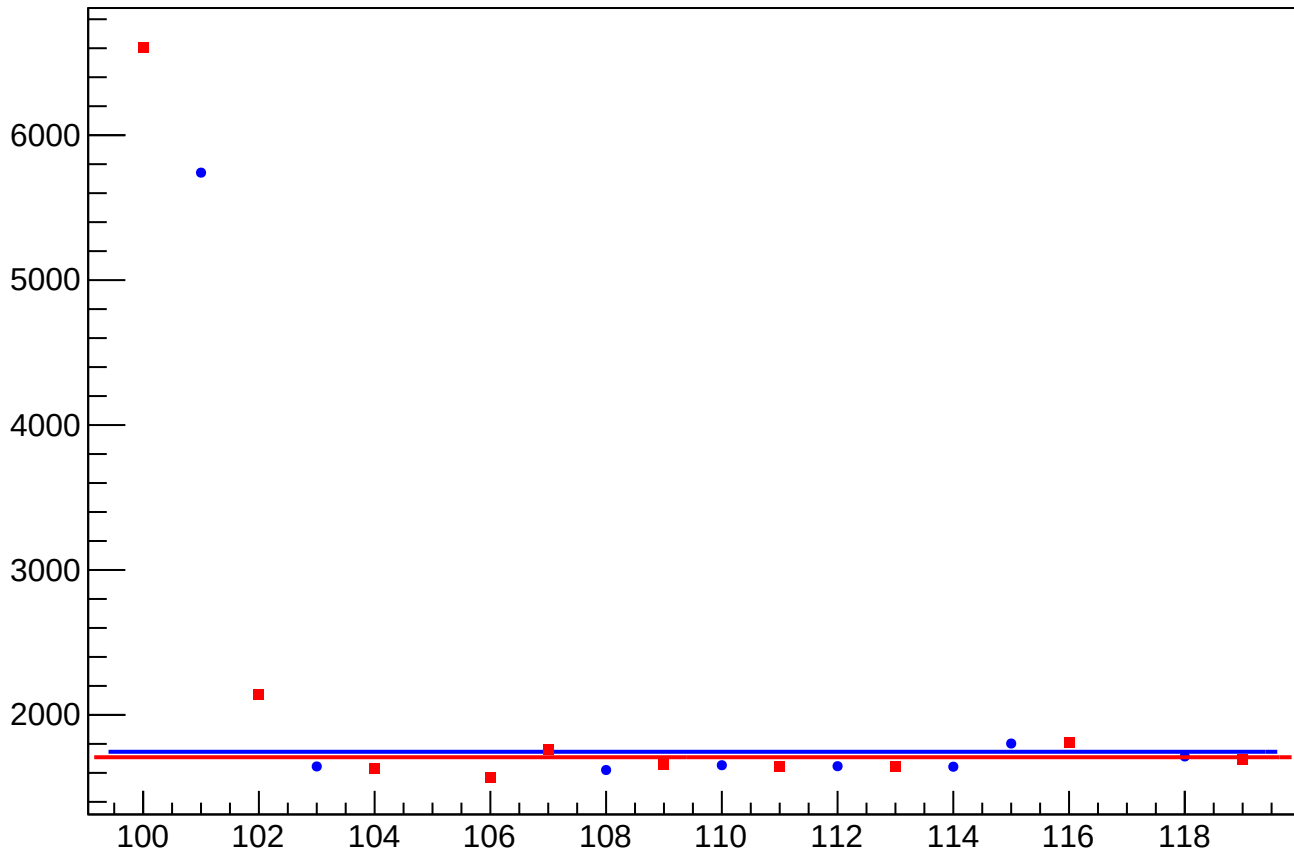
Right: -231.503+/-665.354 χ^2/NDF : 14.2/17

In: -53.108+/-1011.990 χ^2/NDF :9.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -231.503+/-665.354 χ^2/NDF : 14.2/17

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1745.577+/-0.716 χ^2/NDF : 651519.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1707.954+/-0.616 χ^2/NDF : 131595.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

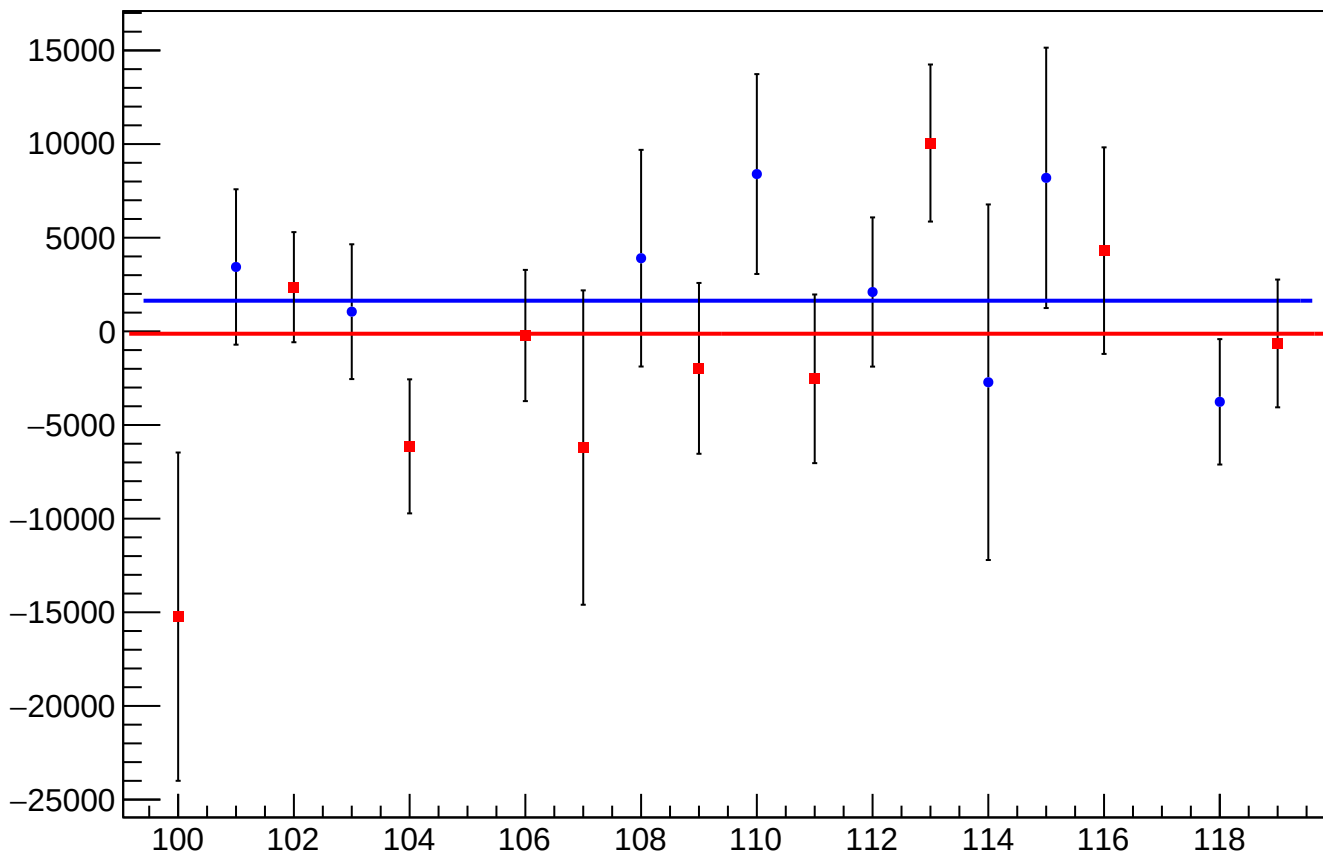
Right: 1723.973+/-0.467 χ^2/NDF : 784702.6/17

In: 1745.577+/-0.716 χ^2/NDF : 651519.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1723.973+/-0.467 χ^2/NDF : 784702.6/17

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1636.190+/-1613.070 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.808+/-1318.080 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

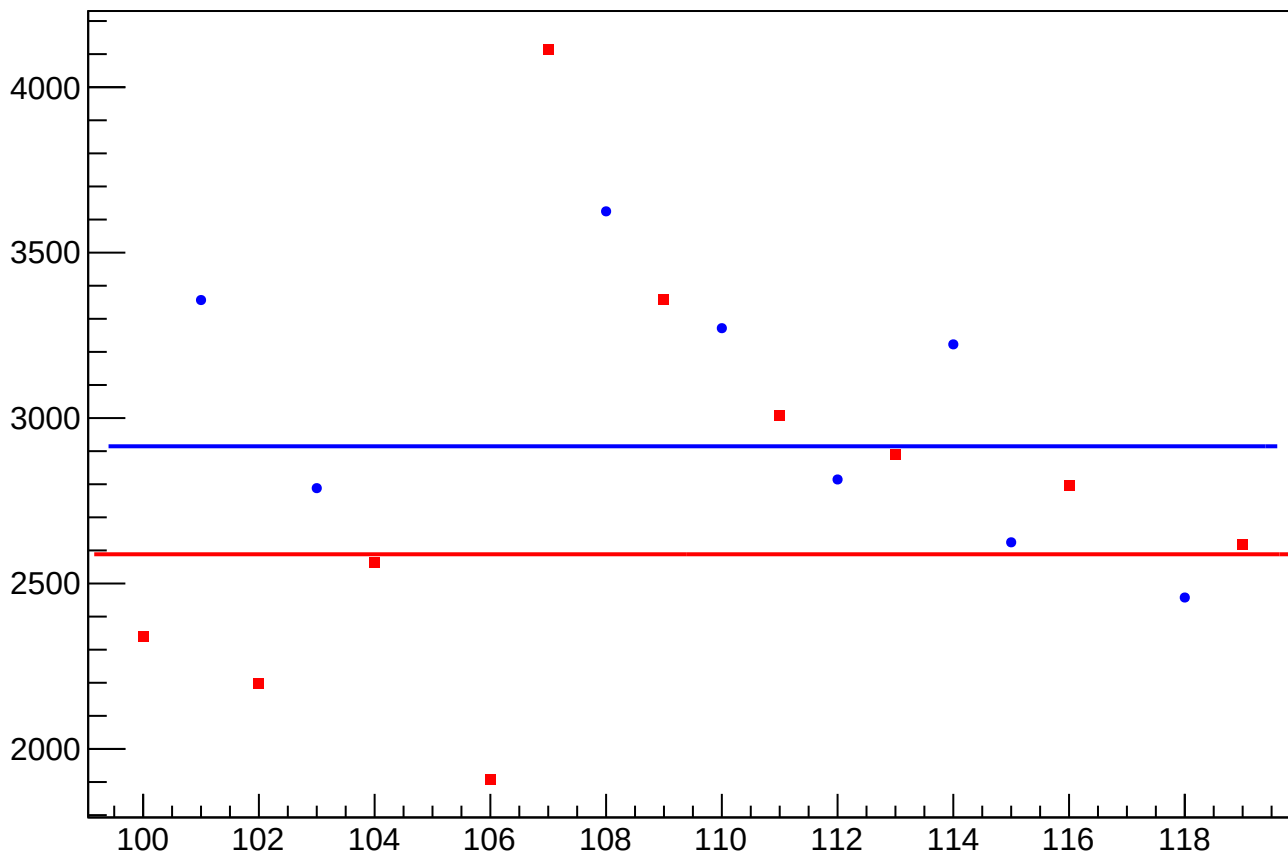
Right: 579.042+/-1020.666 χ^2/NDF : 20.5/17

In: 1636.190+/-1613.070 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.042+/-1020.666 χ^2/NDF : 20.5/17

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2914.731+/-1.141 χ^2/NDF : 108390.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2588.364+/-0.932 χ^2/NDF : 266746.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

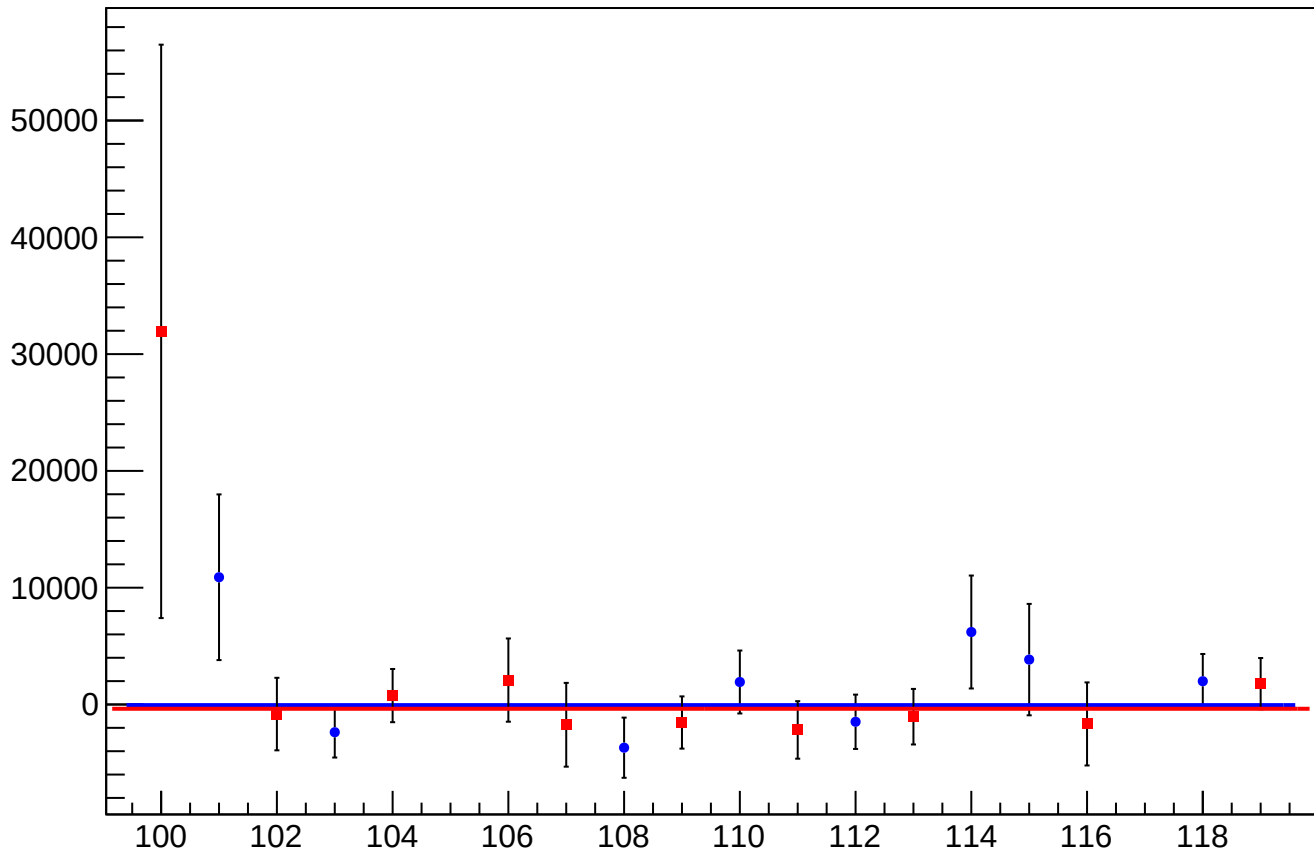
Right: 2719.032+/-0.722 χ^2/NDF : 424230.2/17

In: 2914.731+/-1.141 χ^2/NDF : 108390.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2719.032+/-0.722 χ^2/NDF : 424230.2/17

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -53.996 $\pm$ 1011.990 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -367.238 $\pm$ 883.041 χ^2 /NDF: 4.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

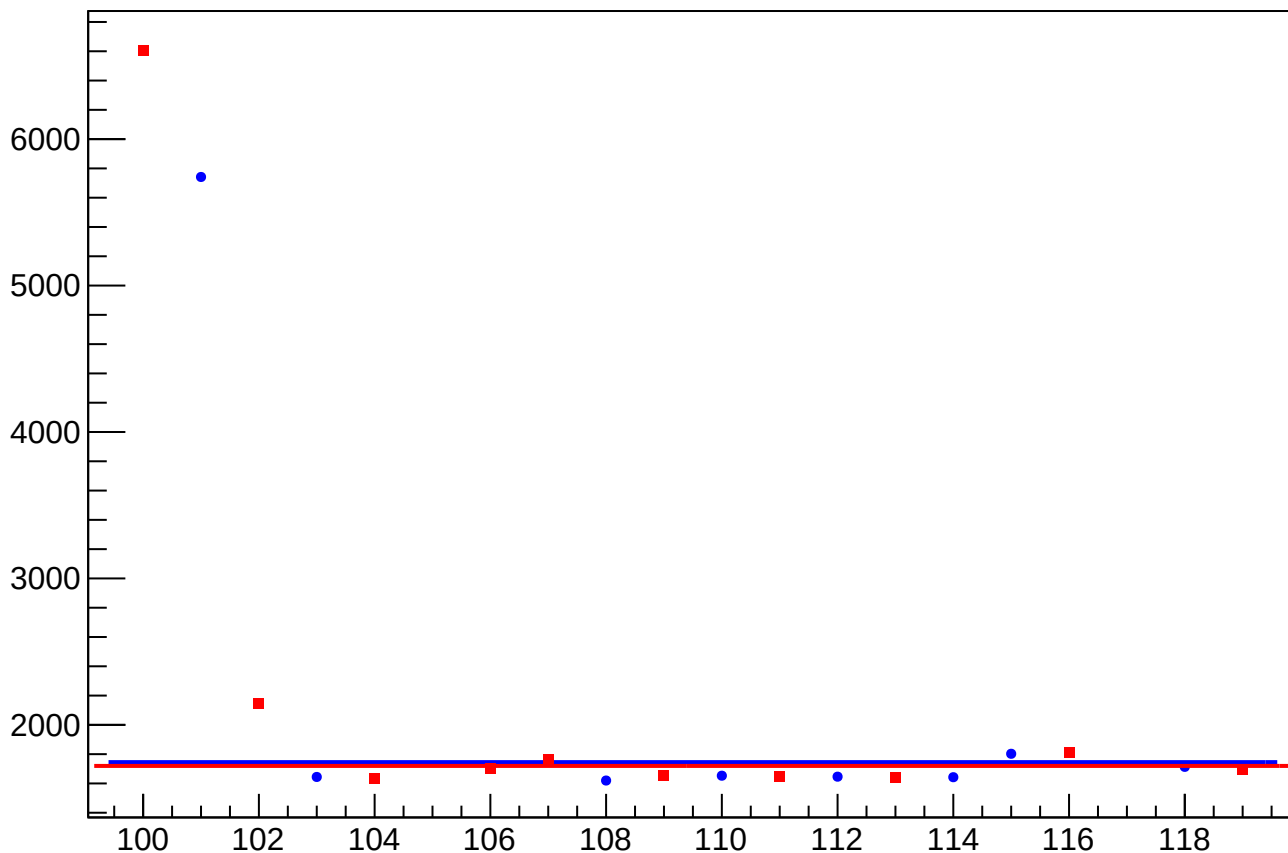
Right: -231.834 $\pm$ 665.354 χ^2 /NDF: 14.2/17

In: -53.996 $\pm$ 1011.990 χ^2 /NDF:9.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -231.834 $\pm$ 665.354 χ^2 /NDF: 14.2/17

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1745.576+/-0.716 χ^2/NDF : 651519.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.639+/-0.620 χ^2/NDF : 126824.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

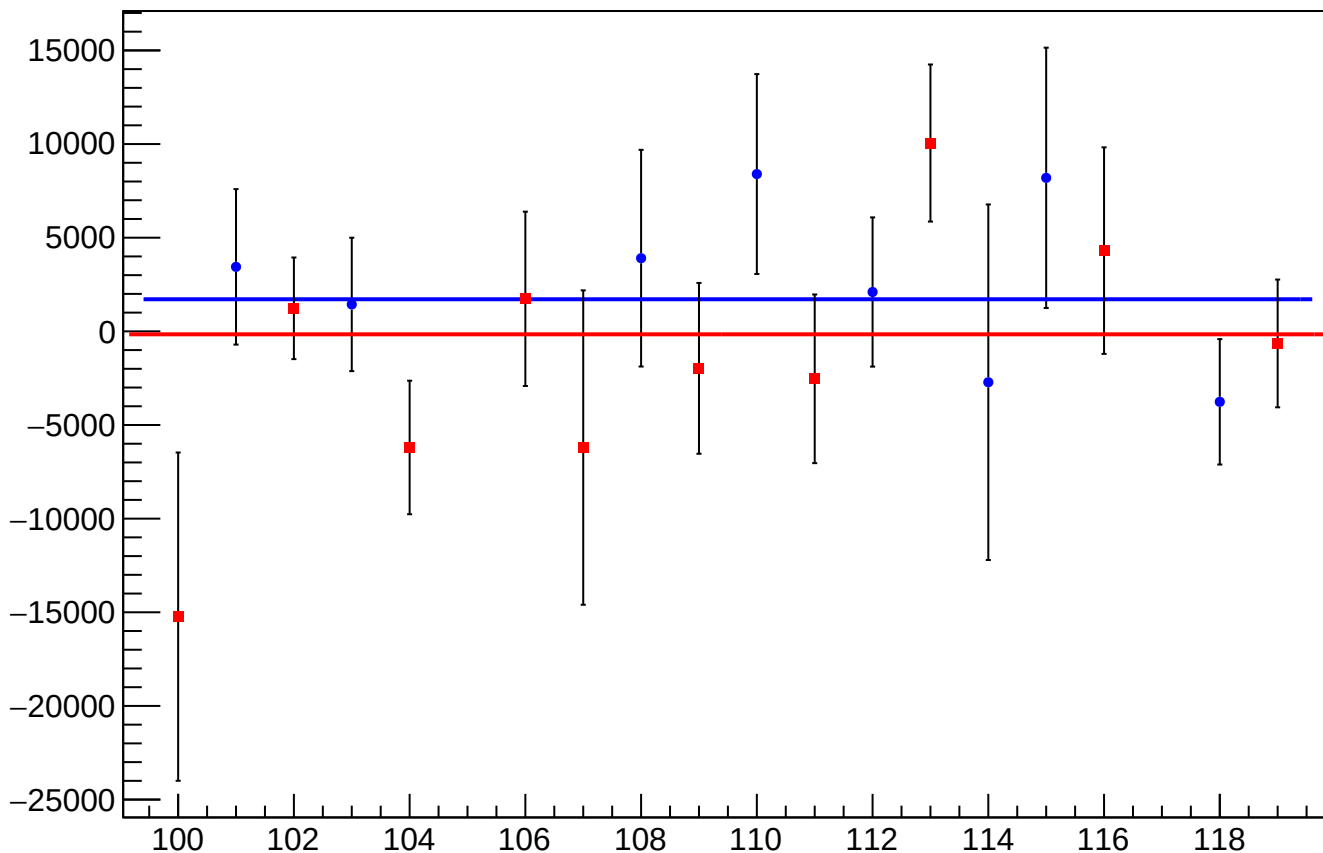
Right: 1730.764+/-0.469 χ^2/NDF : 779093.9/17

In: 1745.576+/-0.716 χ^2/NDF : 651519.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.764+/-0.469 χ^2/NDF : 779093.9/17

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1713.025+/-1609.814 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.415+/-1335.053 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

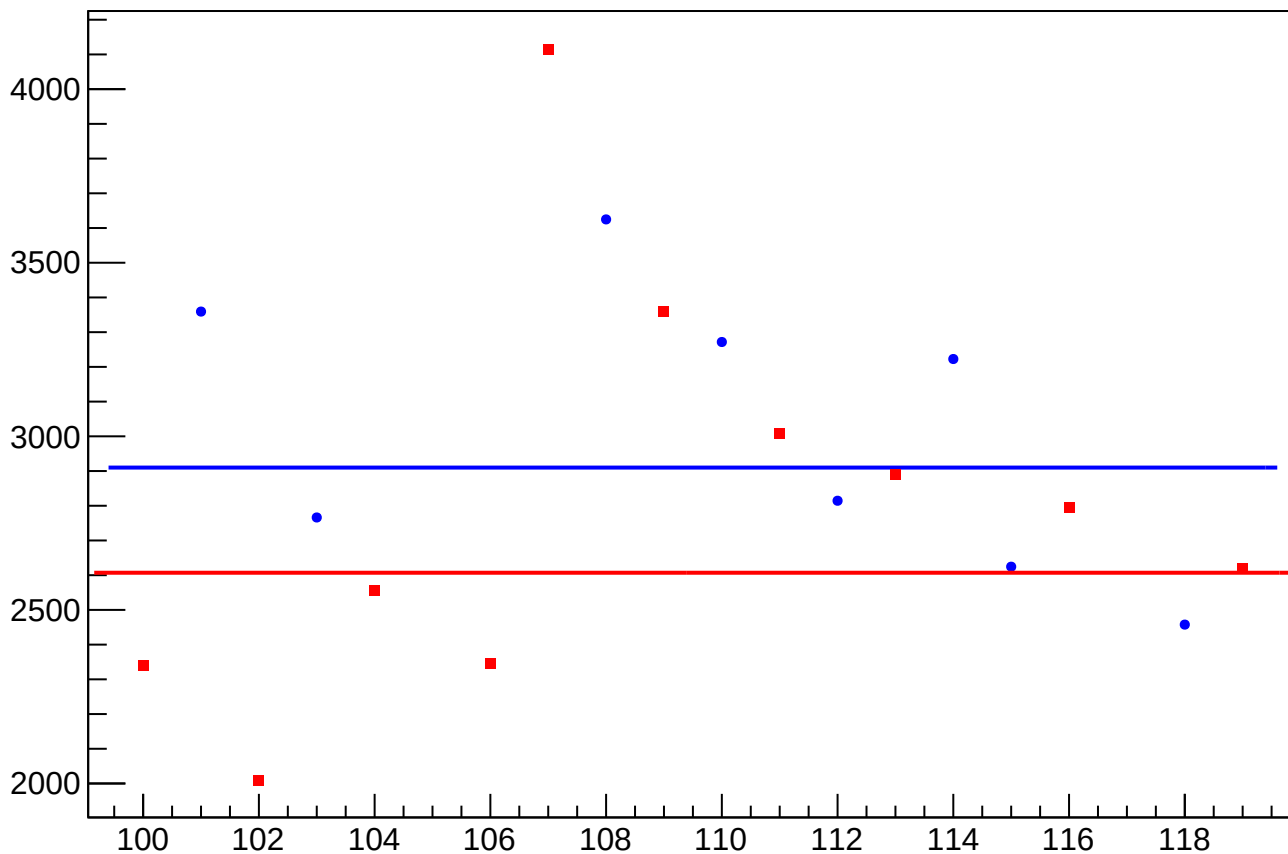
Right: 604.203+/-1027.641 χ^2/NDF : 20.3/17

In: 1713.025+/-1609.814 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.203+/-1027.641 χ^2/NDF : 20.3/17

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2909.982+/-1.138 χ^2/NDF : 109616.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.058+/-0.944 χ^2/NDF : 251600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

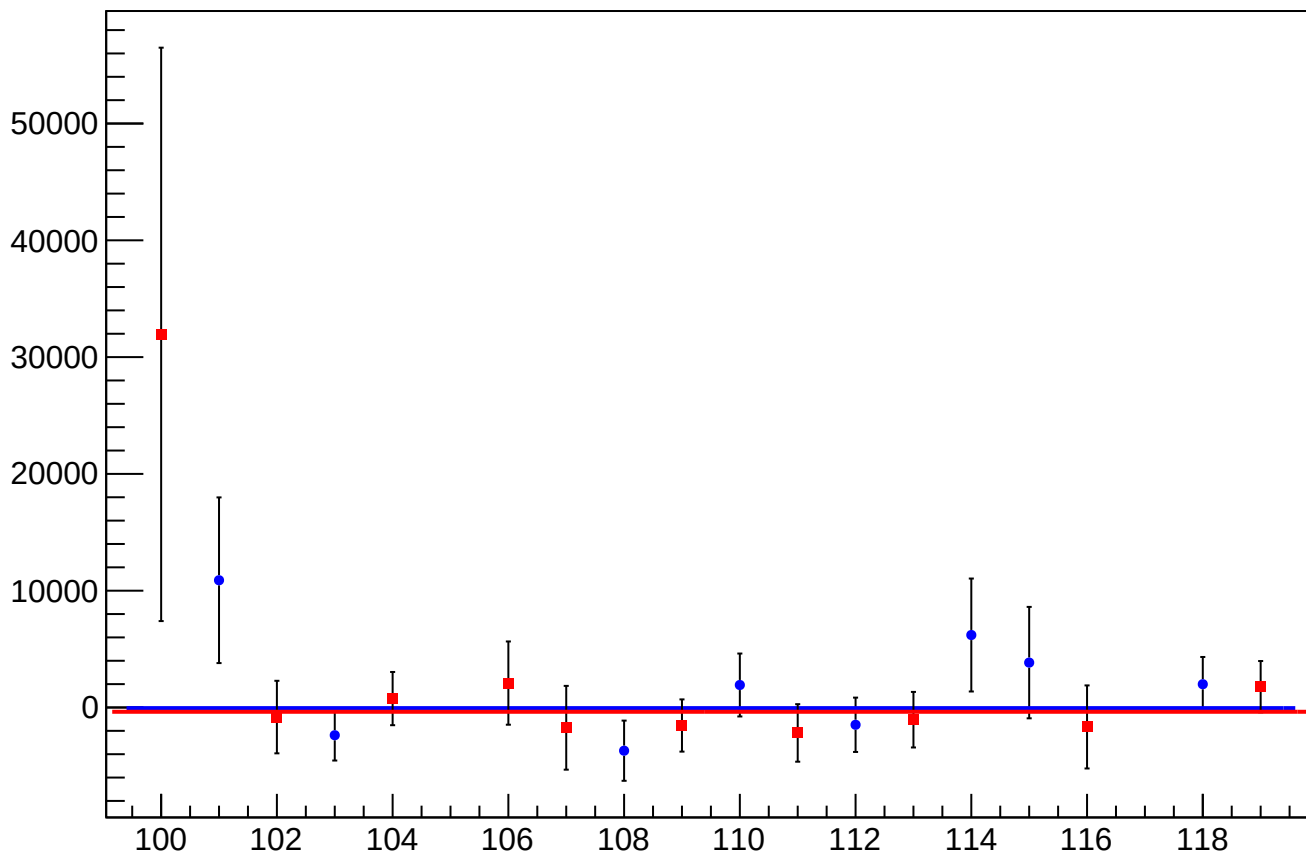
Right: 2730.501+/-0.727 χ^2/NDF : 403176.5/17

In: 2909.982+/-1.138 χ^2/NDF : 109616.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2730.501+/-0.727 χ^2/NDF : 403176.5/17

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -53.996 $\pm$ 1011.990 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -367.238 $\pm$ 883.041 χ^2 /NDF: 4.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

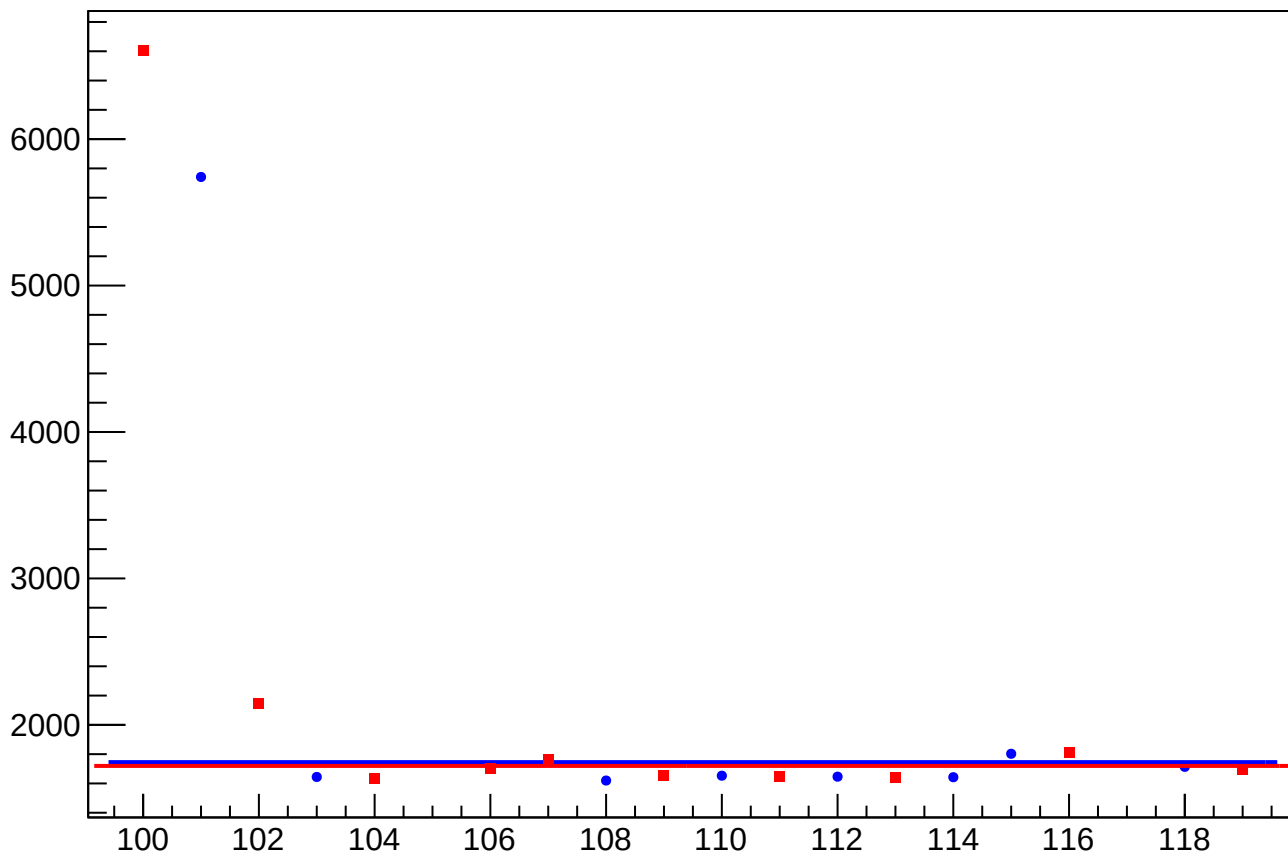
Right: -231.834 $\pm$ 665.354 χ^2 /NDF: 14.2/17

In: -53.996 $\pm$ 1011.990 χ^2 /NDF:9.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -231.834 $\pm$ 665.354 χ^2 /NDF: 14.2/17

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1745.576+/-0.716 χ^2/NDF : 651519.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.639+/-0.620 χ^2/NDF : 126824.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

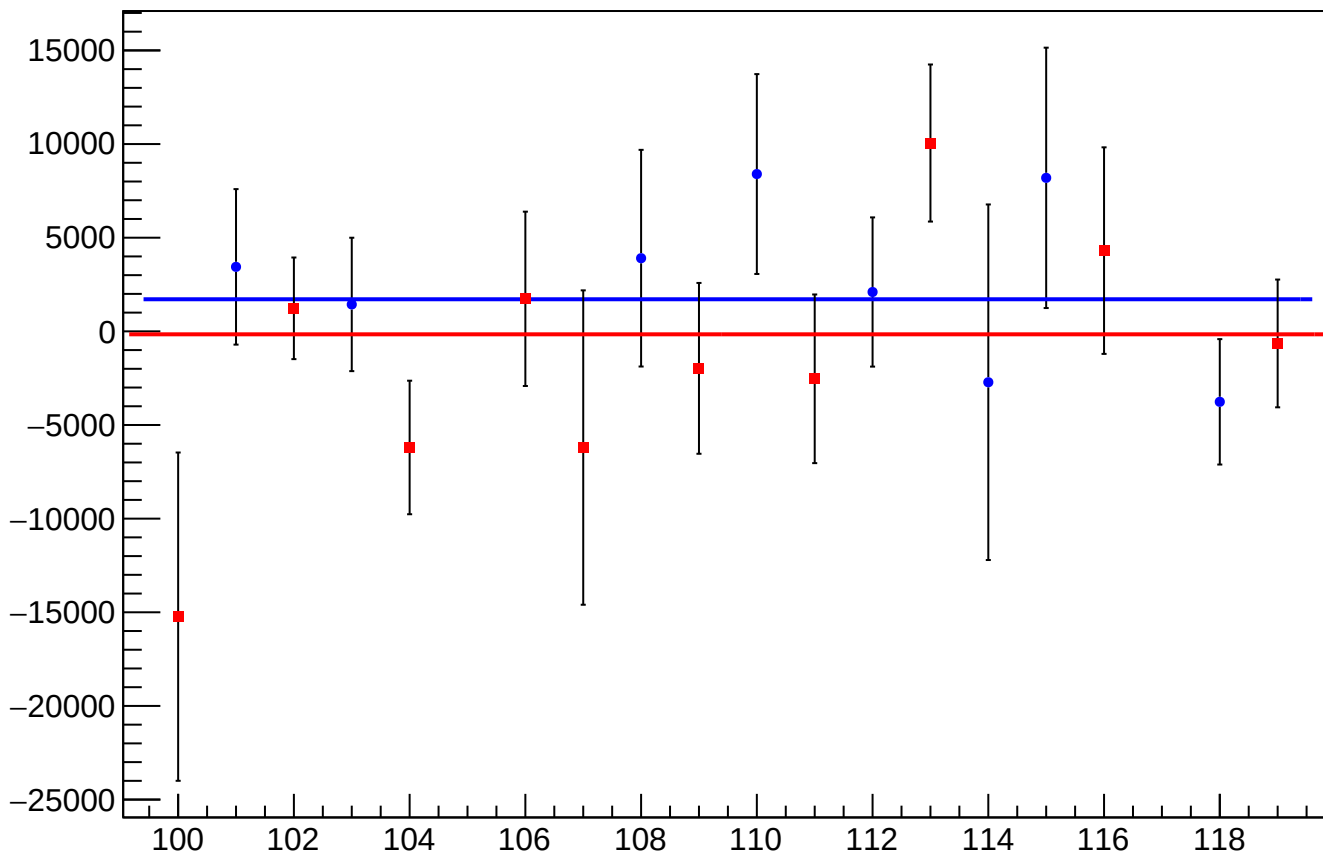
Right: 1730.764+/-0.469 χ^2/NDF : 779093.9/17

In: 1745.576+/-0.716 χ^2/NDF : 651519.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.764+/-0.469 χ^2/NDF : 779093.9/17

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1713.025+/-1609.814 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -158.415+/-1335.053 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

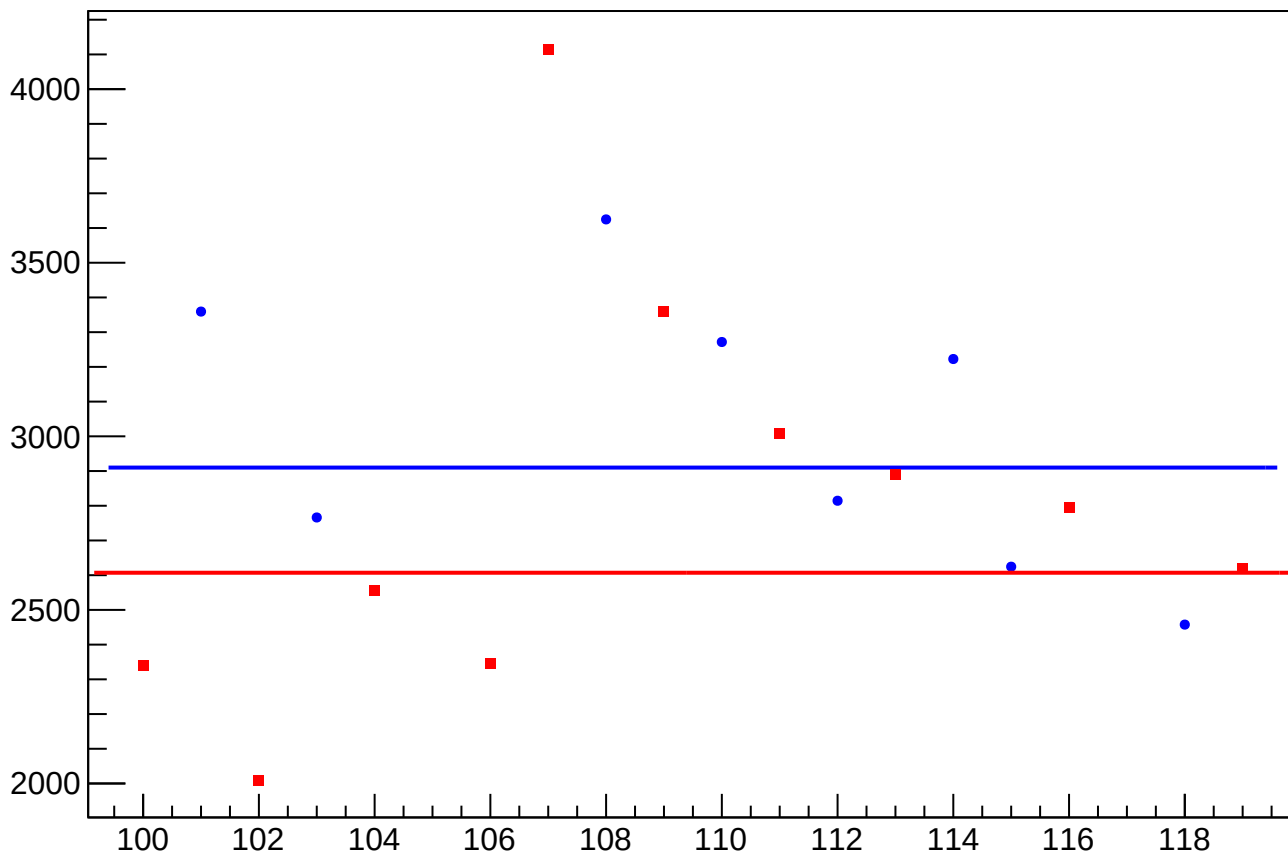
Right: 604.203+/-1027.641 χ^2/NDF : 20.3/17

In: 1713.025+/-1609.814 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.203+/-1027.641 χ^2/NDF : 20.3/17

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2909.982+/-1.138 χ^2/NDF : 109616.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.058+/-0.944 χ^2/NDF : 251600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

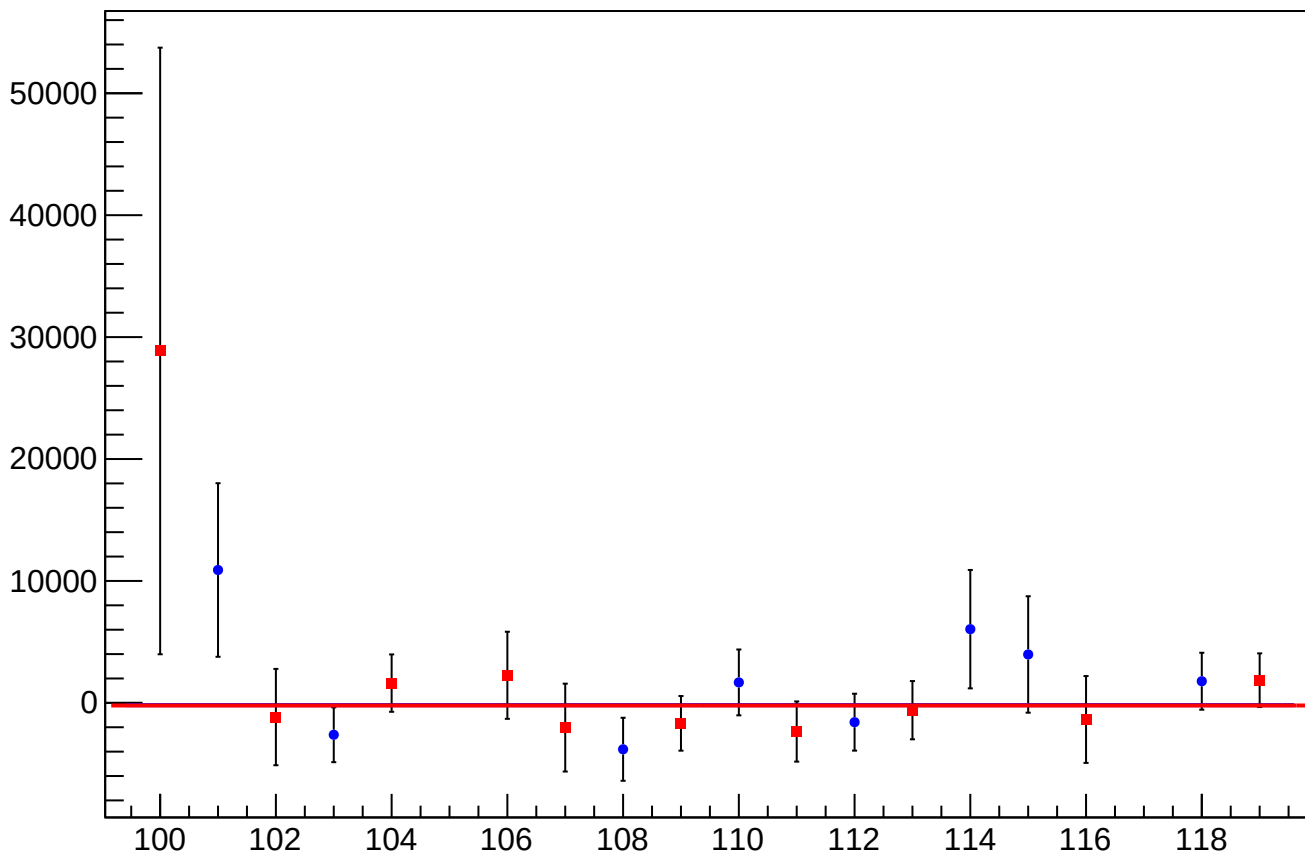
Right: 2730.501+/-0.727 χ^2/NDF : 403176.5/17

In: 2909.982+/-1.138 χ^2/NDF : 109616.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2730.501+/-0.727 χ^2/NDF : 403176.5/17

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -186.035+/-1021.744 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.228+/-903.274 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

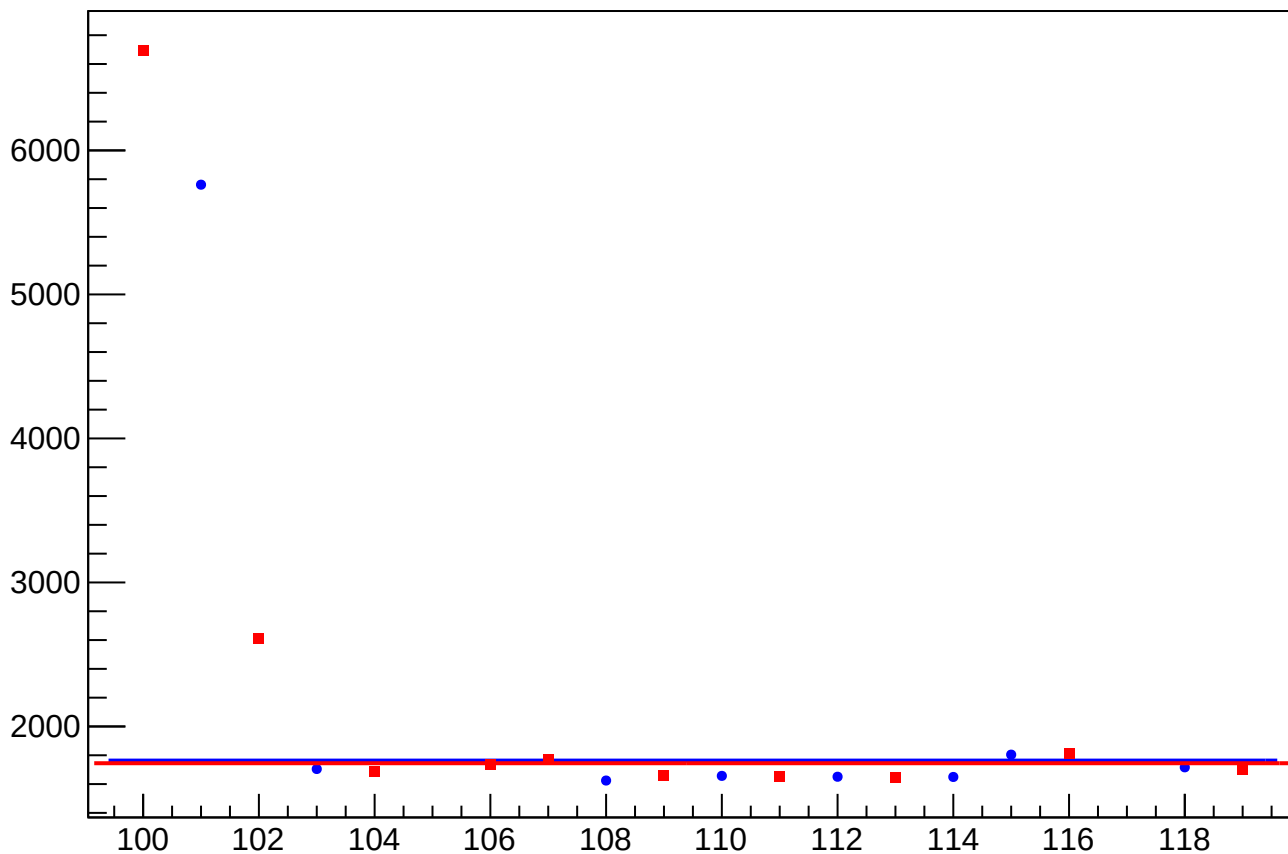
Right: -202.421+/-676.739 χ^2/NDF : 14.5/17

In: -186.035+/-1021.744 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.421+/-676.739 χ^2/NDF : 14.5/17

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1762.985+/-0.722 χ^2/NDF : 648021.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.760+/-0.635 χ^2/NDF : 188028.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

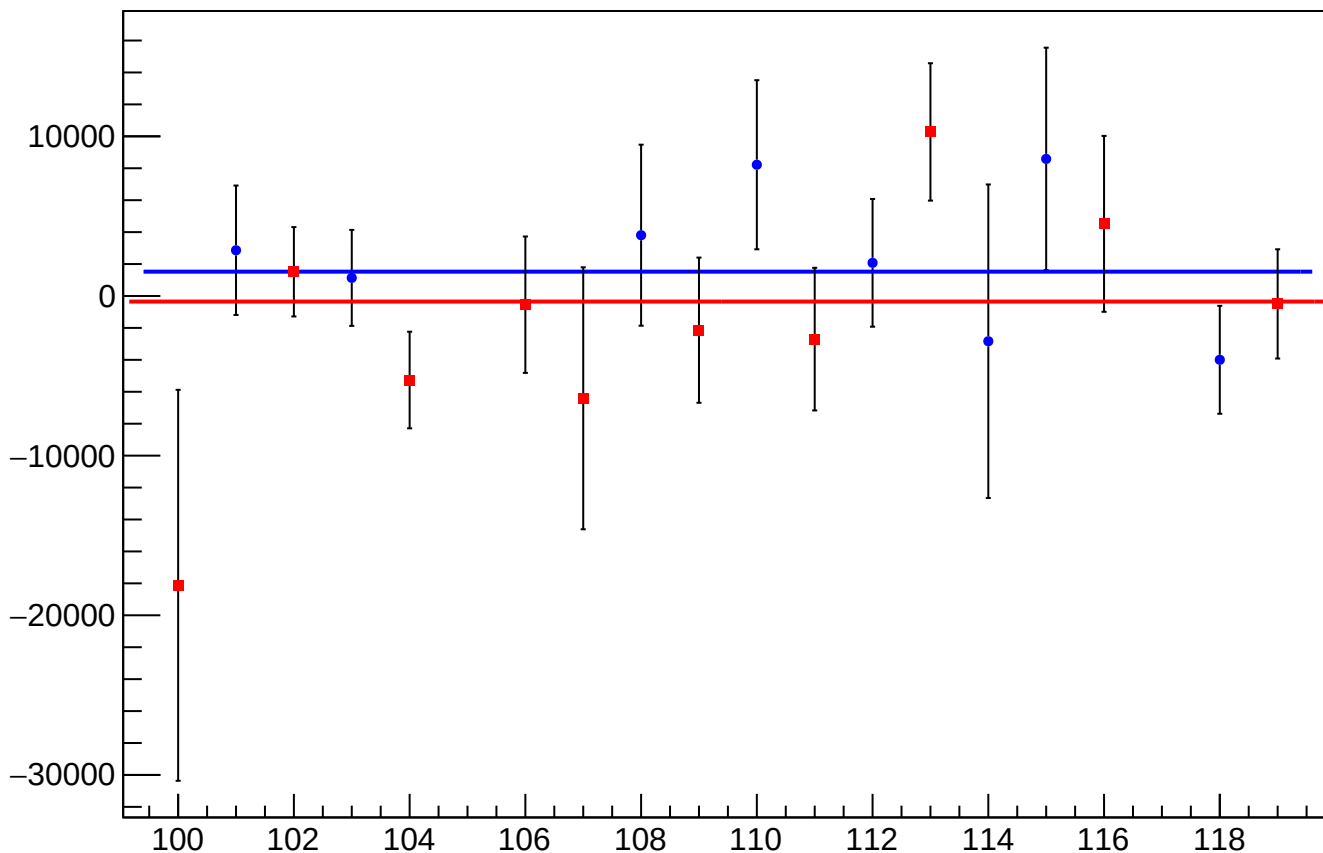
Right: 1752.706+/-0.477 χ^2/NDF : 836409.1/17

In: 1762.985+/-0.722 χ^2/NDF : 648021.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.706+/-0.477 χ^2/NDF : 836409.1/17

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1523.566+/-1544.340 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.458+/-1308.373 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

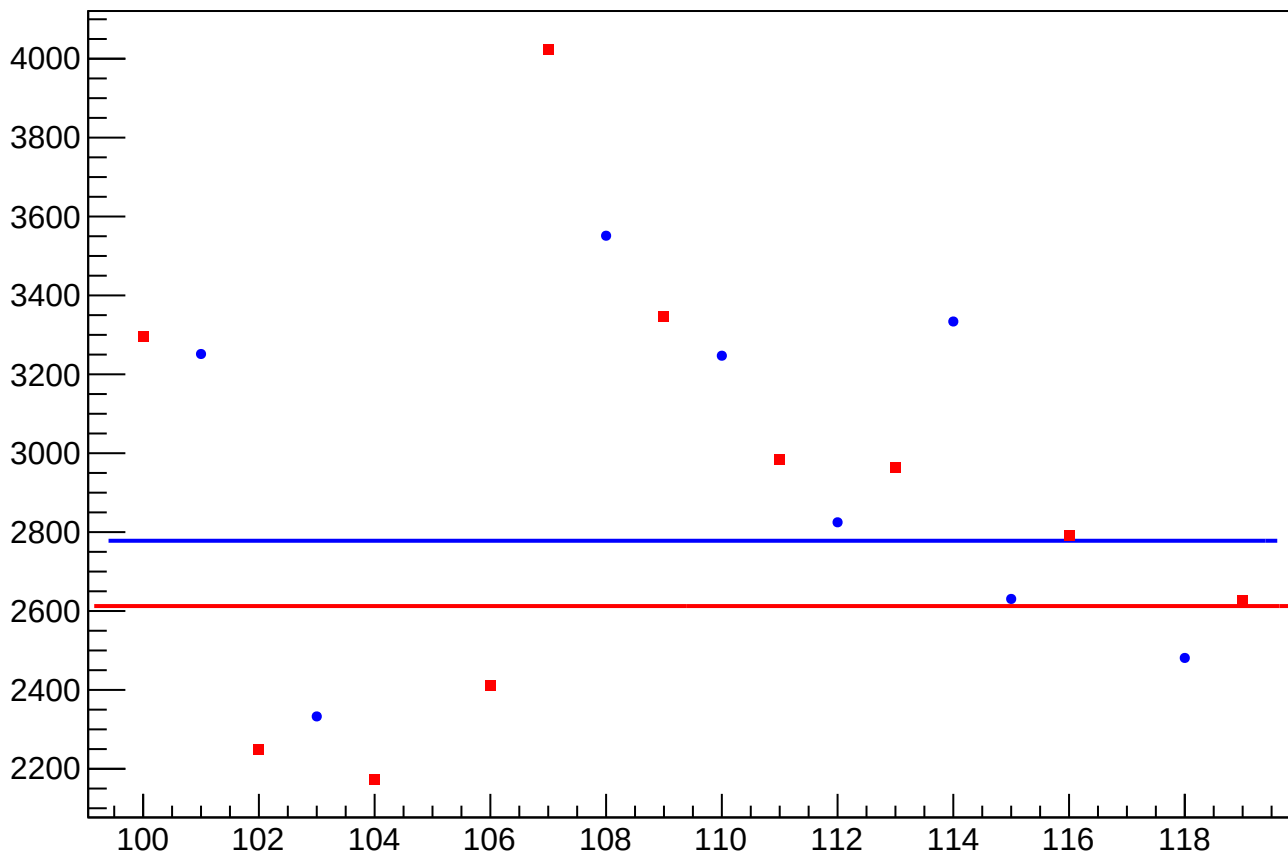
Right: 432.594+/-998.276 χ^2/NDF : 19.7/17

In: 1523.566+/-1544.340 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.594+/-998.276 χ^2/NDF : 19.7/17

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2778.094+/-1.092 χ^2/NDF : 147090.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2612.565+/-0.925 χ^2/NDF : 227562.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

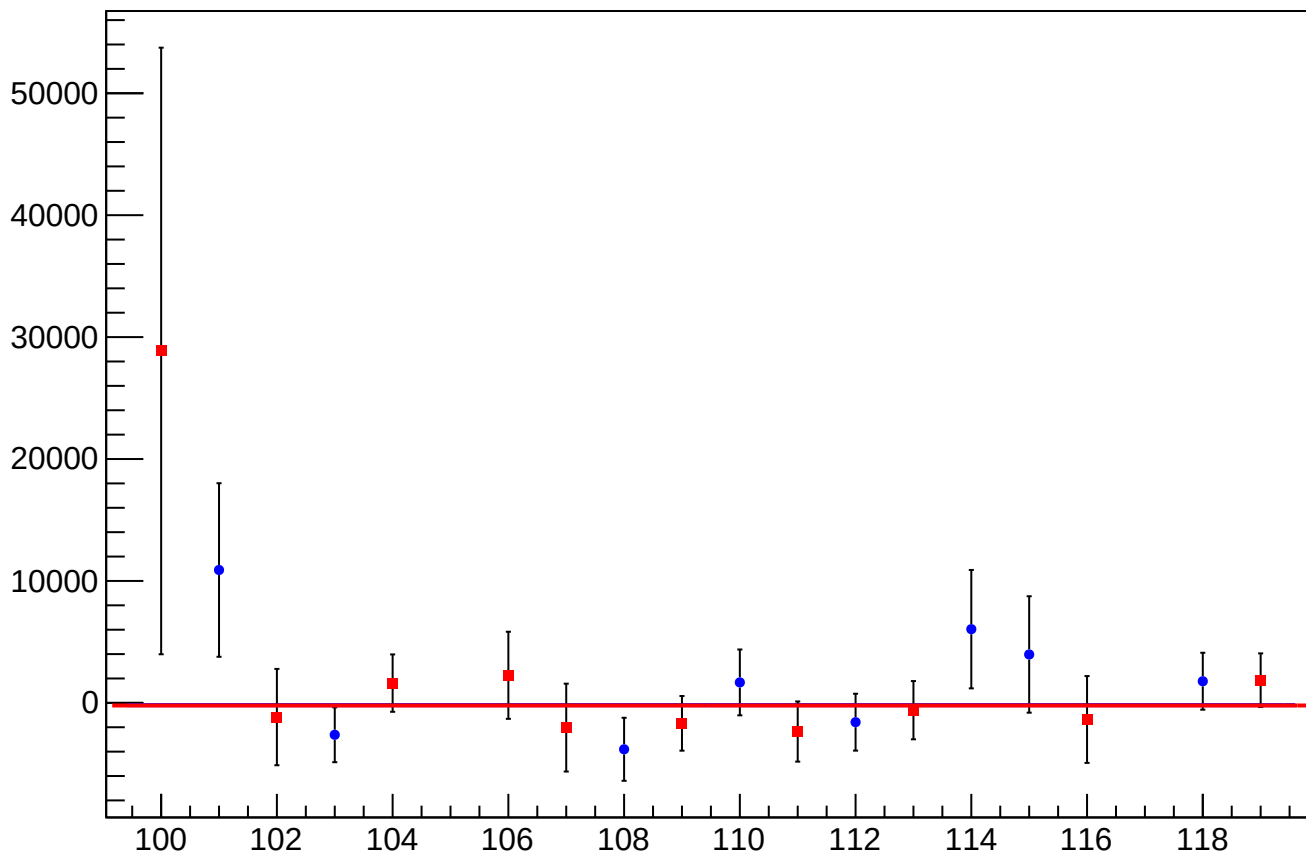
Right: 2681.731+/-0.706 χ^2/NDF : 388027.9/17

In: 2778.094+/-1.092 χ^2/NDF : 147090.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.731+/-0.706 χ^2/NDF : 388027.9/17

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -186.042+/-1021.744 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.237+/-903.274 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

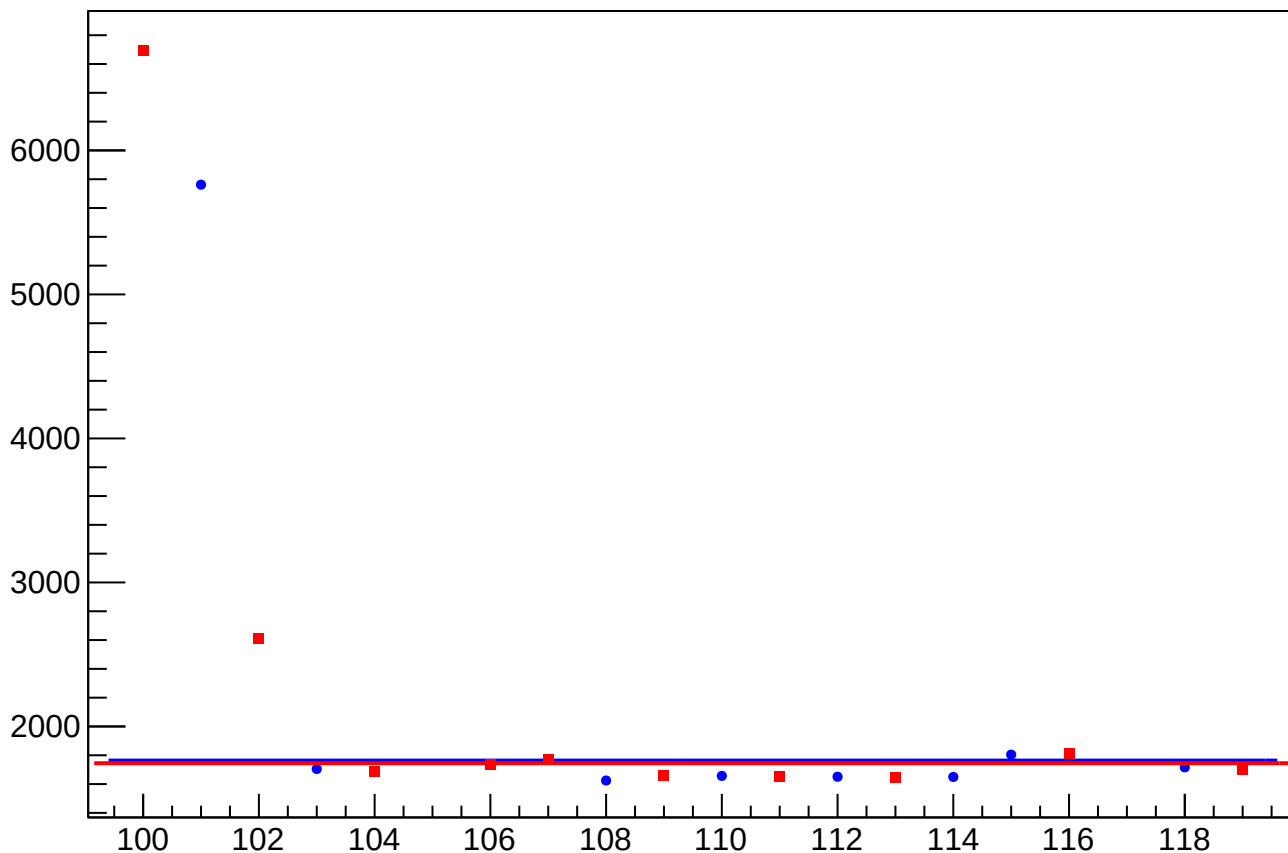
Right: -202.429+/-676.739 χ^2/NDF : 14.5/17

In: -186.042+/-1021.744 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.429+/-676.739 χ^2/NDF : 14.5/17

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1762.985+/-0.722 χ^2/NDF : 648021.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.760+/-0.635 χ^2/NDF : 188028.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

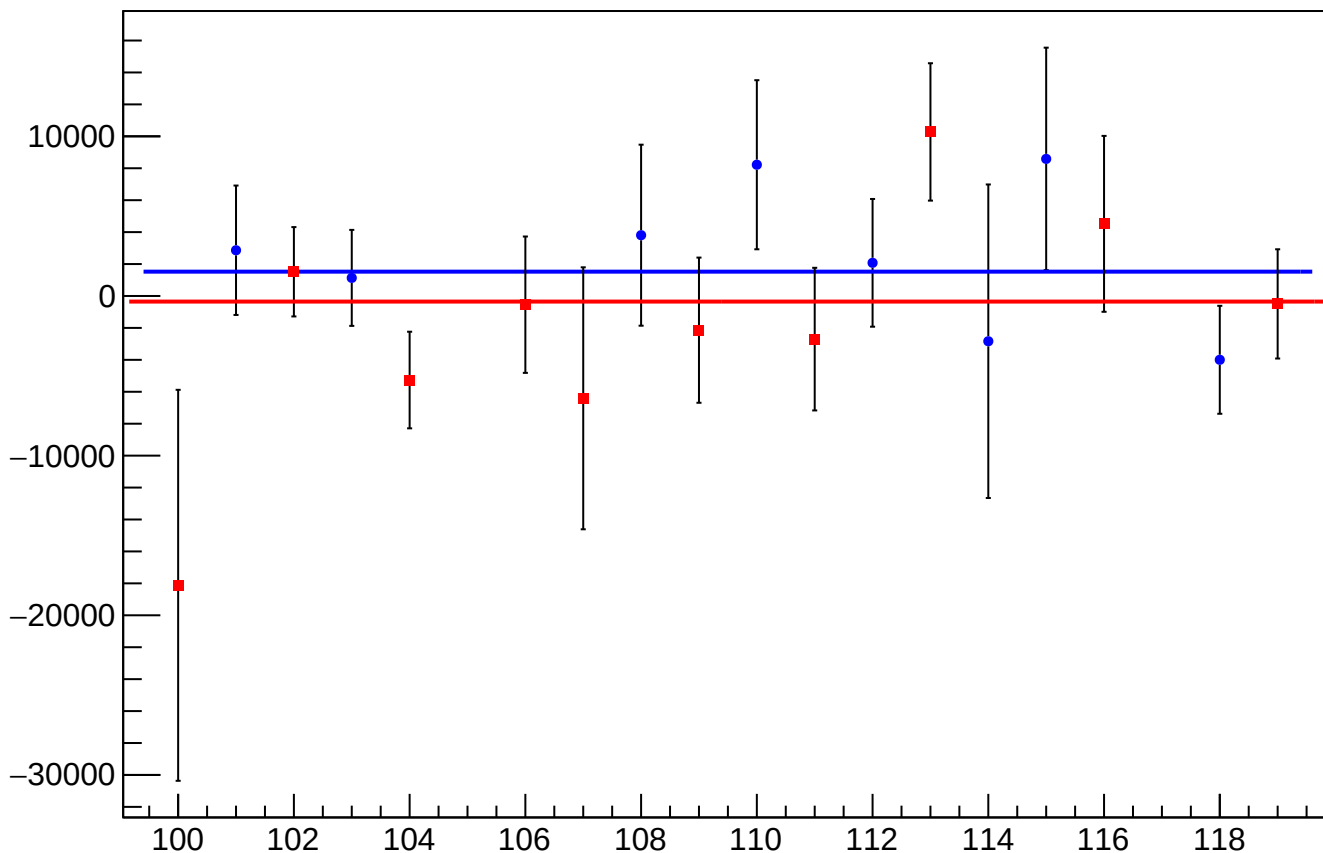
Right: 1752.706+/-0.477 χ^2/NDF : 836409.0/17

In: 1762.985+/-0.722 χ^2/NDF : 648021.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.706+/-0.477 χ^2/NDF : 836409.0/17

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1523.558+/-1544.336 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.458+/-1308.370 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

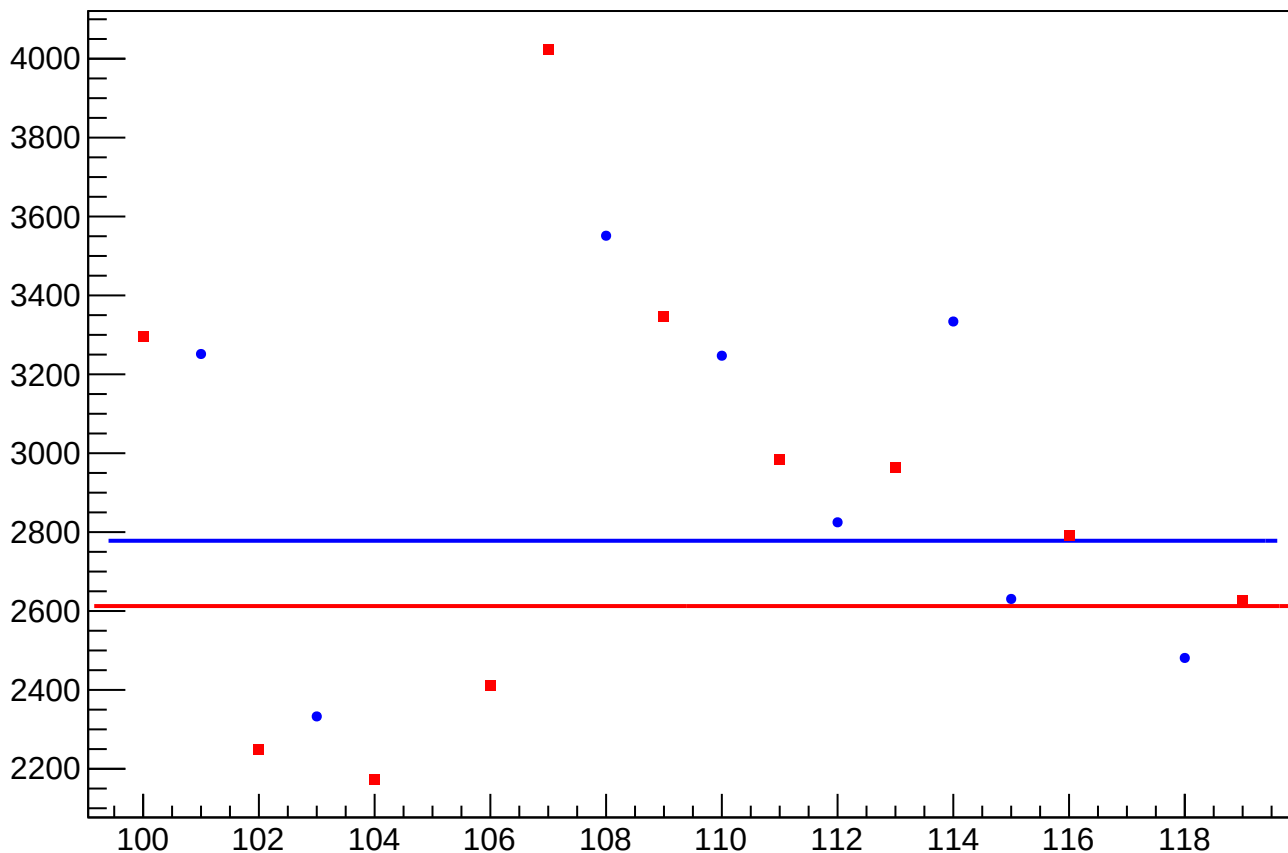
Right: 432.591+/-998.274 χ^2/NDF : 19.7/17

In: 1523.558+/-1544.336 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.591+/-998.274 χ^2/NDF : 19.7/17

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2778.087+/-1.092 χ^2/NDF : 147089.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2612.561+/-0.925 χ^2/NDF : 227558.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

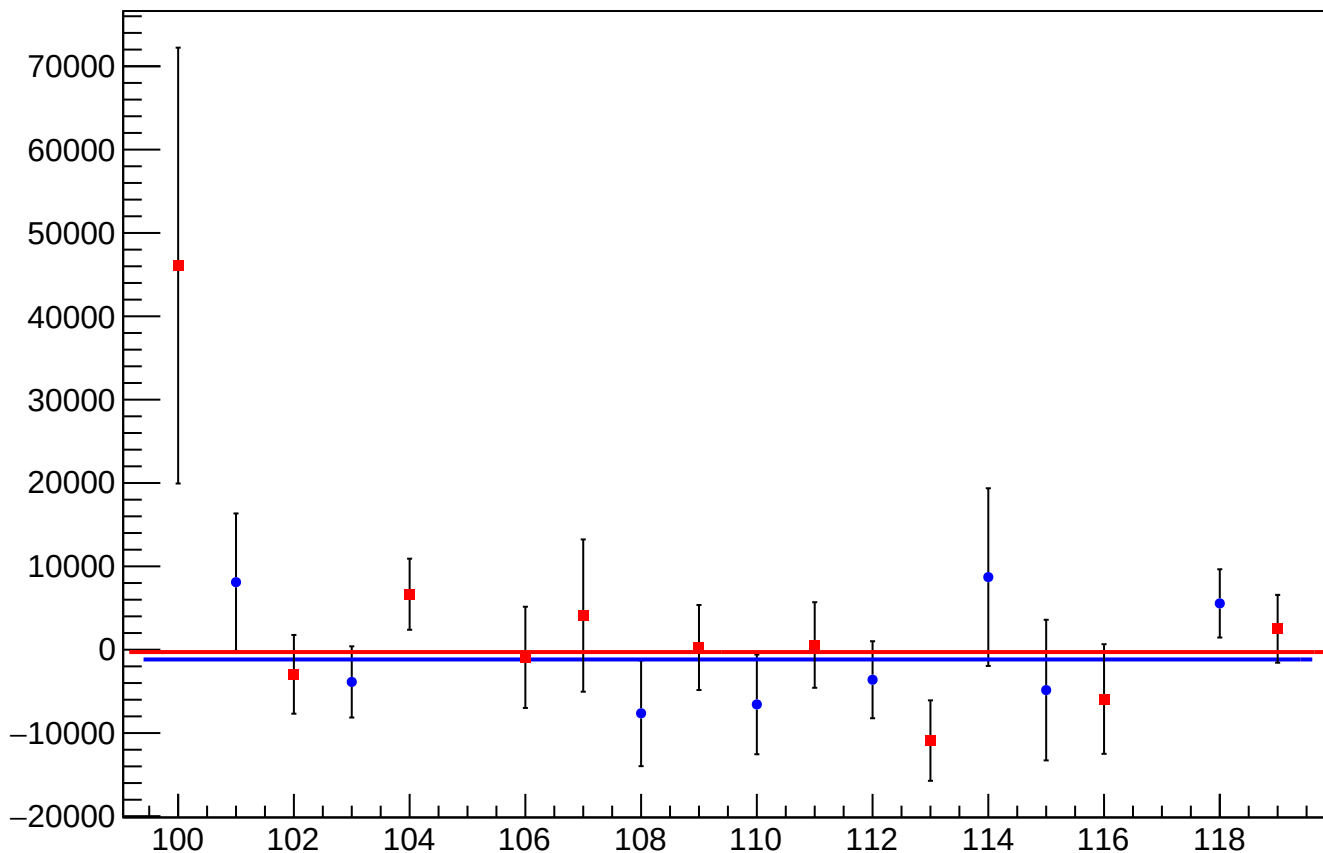
Right: 2681.725+/-0.706 χ^2/NDF : 388023.1/17

In: 2778.087+/-1.092 χ^2/NDF : 147089.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.725+/-0.706 χ^2/NDF : 388023.1/17

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -1172.150+/-1993.160 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -283.058+/-1706.958 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

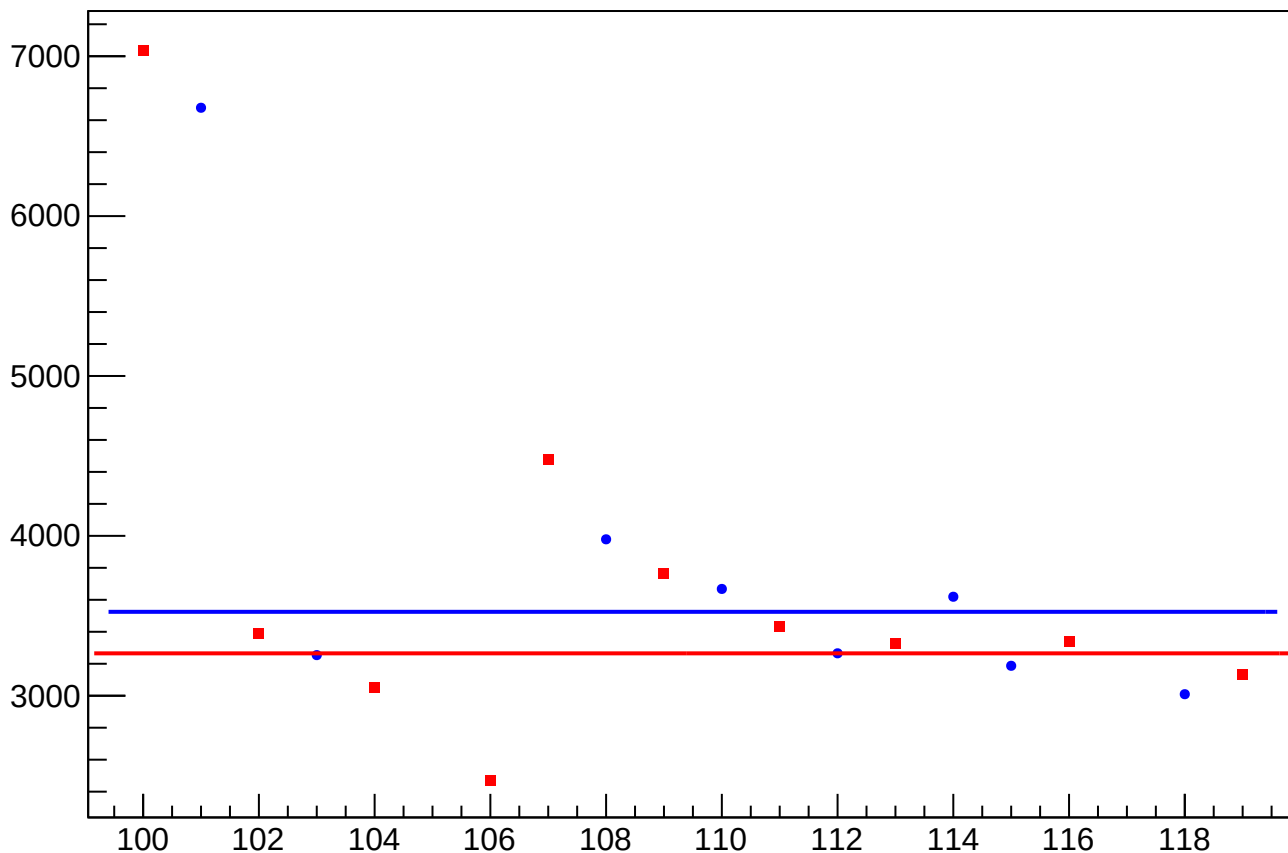
Right: -659.242+/-1296.490 χ^2/NDF : 20.1/17

In: -1172.150+/-1993.160 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -659.242+/-1296.490 χ^2/NDF : 20.1/17

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3524.863+/-1.409 χ^2/NDF : 353197.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3265.102+/-1.177 χ^2/NDF : 163437.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

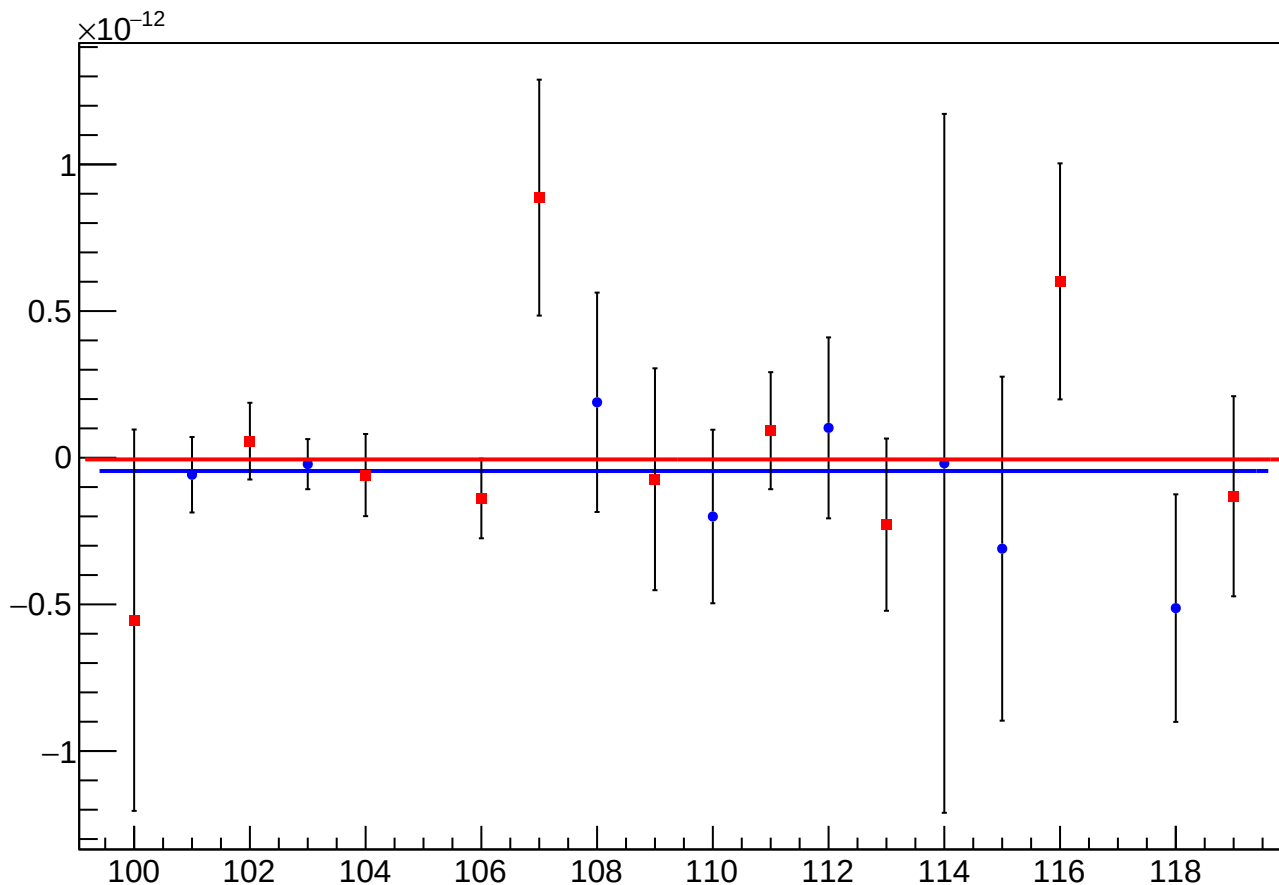
Right: 3371.870+/-0.904 χ^2/NDF : 536642.3/17

In: 3524.863+/-1.409 χ^2/NDF : 353197.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3371.870+/-0.904 χ^2/NDF : 536642.3/17

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

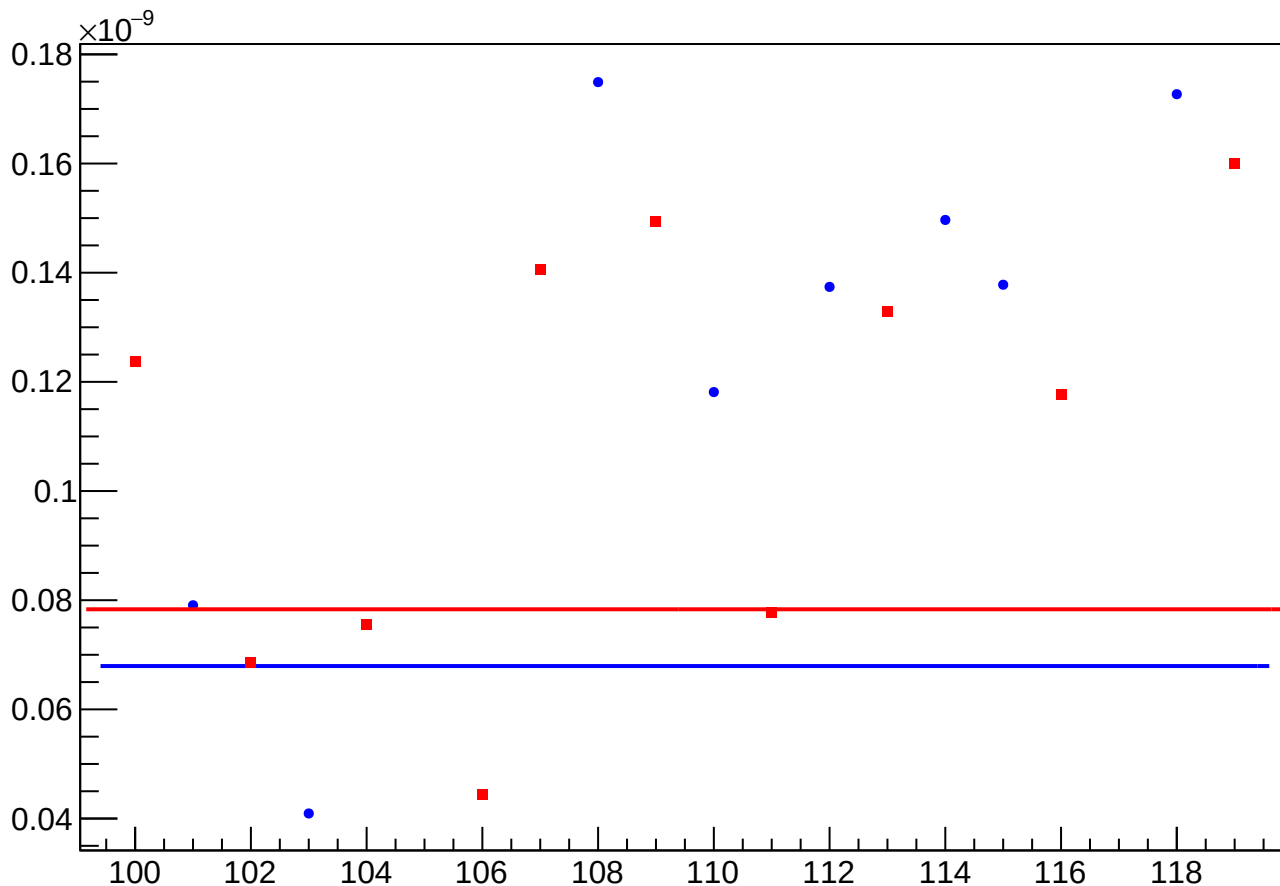
Right: -0.000+/-0.000 χ^2/NDF : 13.0/17

In: -0.000+/-0.000 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.0/17

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 721121.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 467571.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

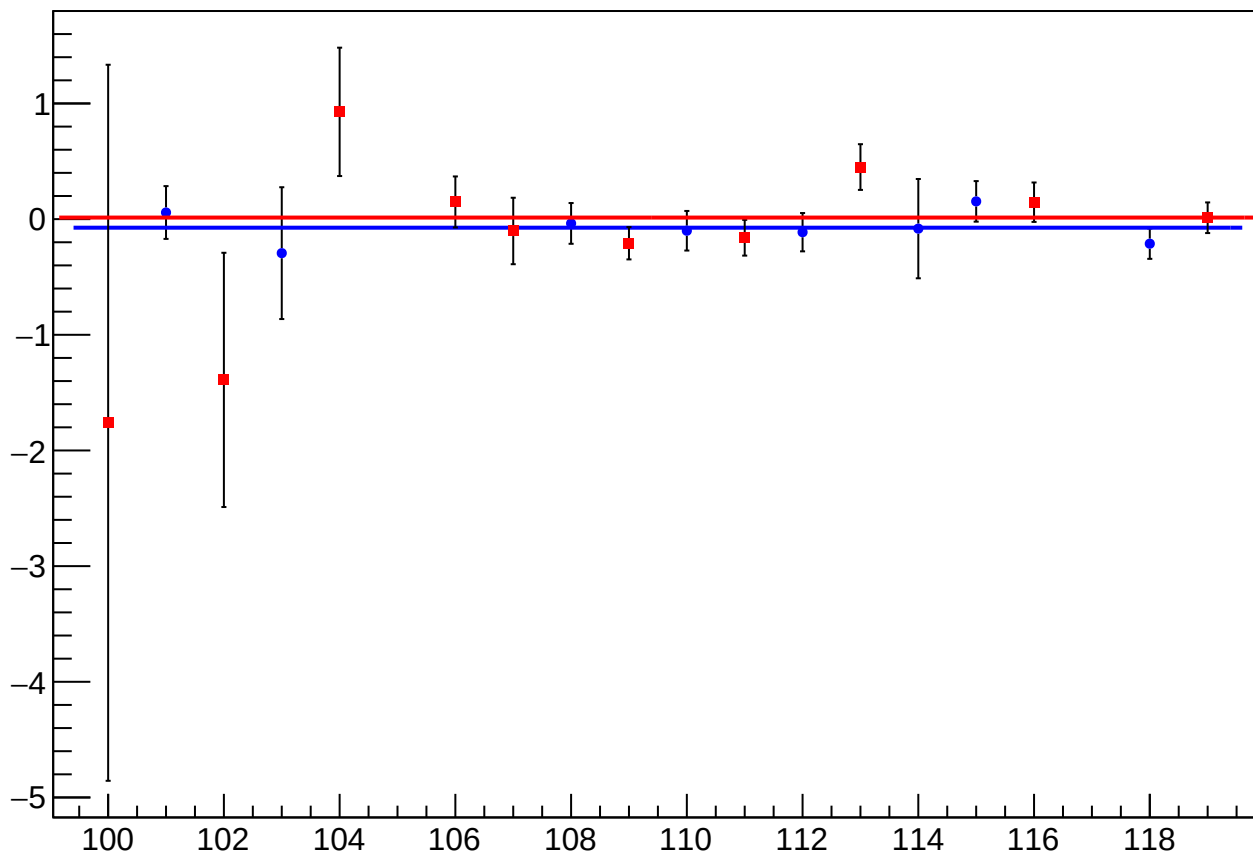
Right: 0.000+/-0.000 χ^2/NDF : 1213959.8/17

In: 0.000+/-0.000 χ^2/NDF : 721121.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1213959.8/17

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074+/-0.067 χ^2/NDF : 3.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.064 χ^2/NDF : 14.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

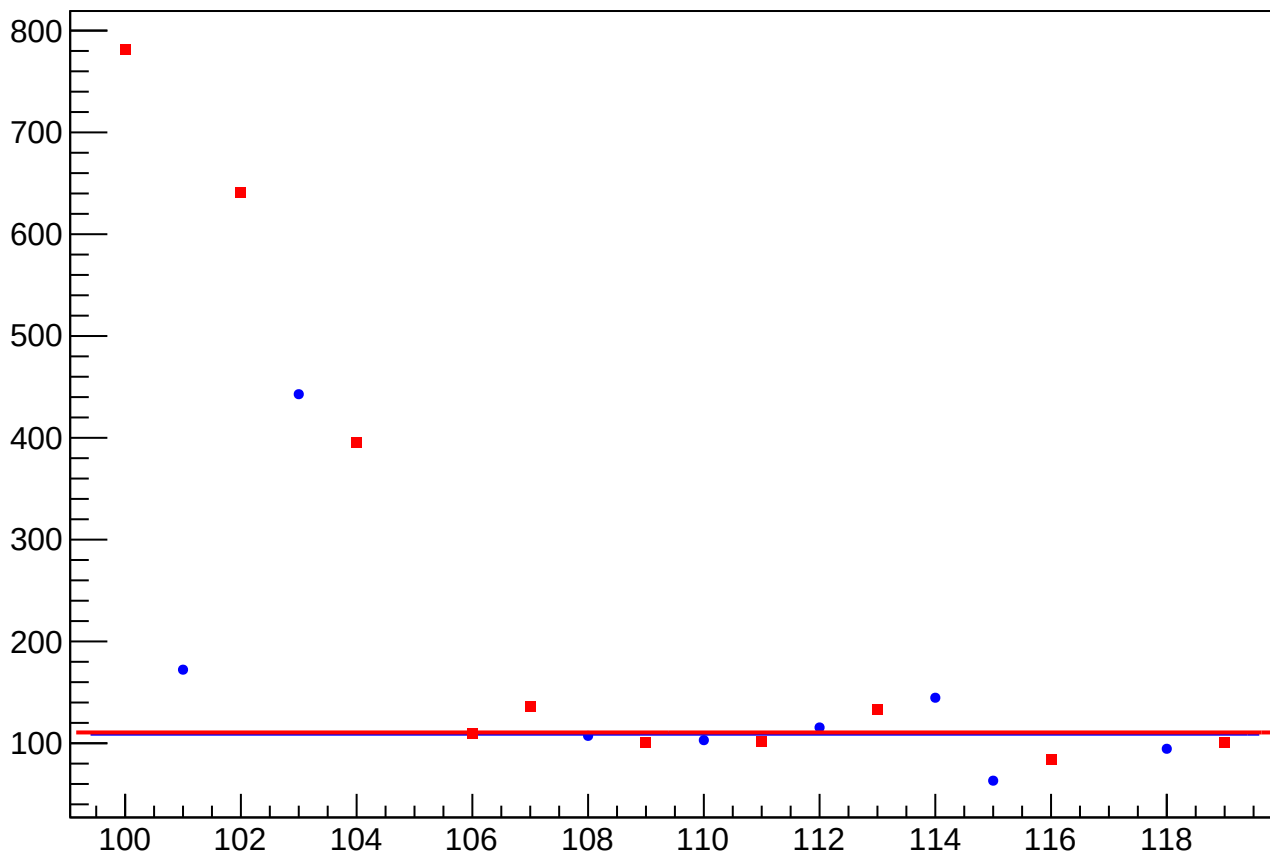
Right: -0.028+/-0.046 χ^2/NDF : 18.8/17

In: -0.074+/-0.067 χ^2/NDF :3.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.028+/-0.046 χ^2/NDF : 18.8/17

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.381+/-0.048 χ^2/NDF : 1020235.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.605+/-0.045 χ^2/NDF : 1202032.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

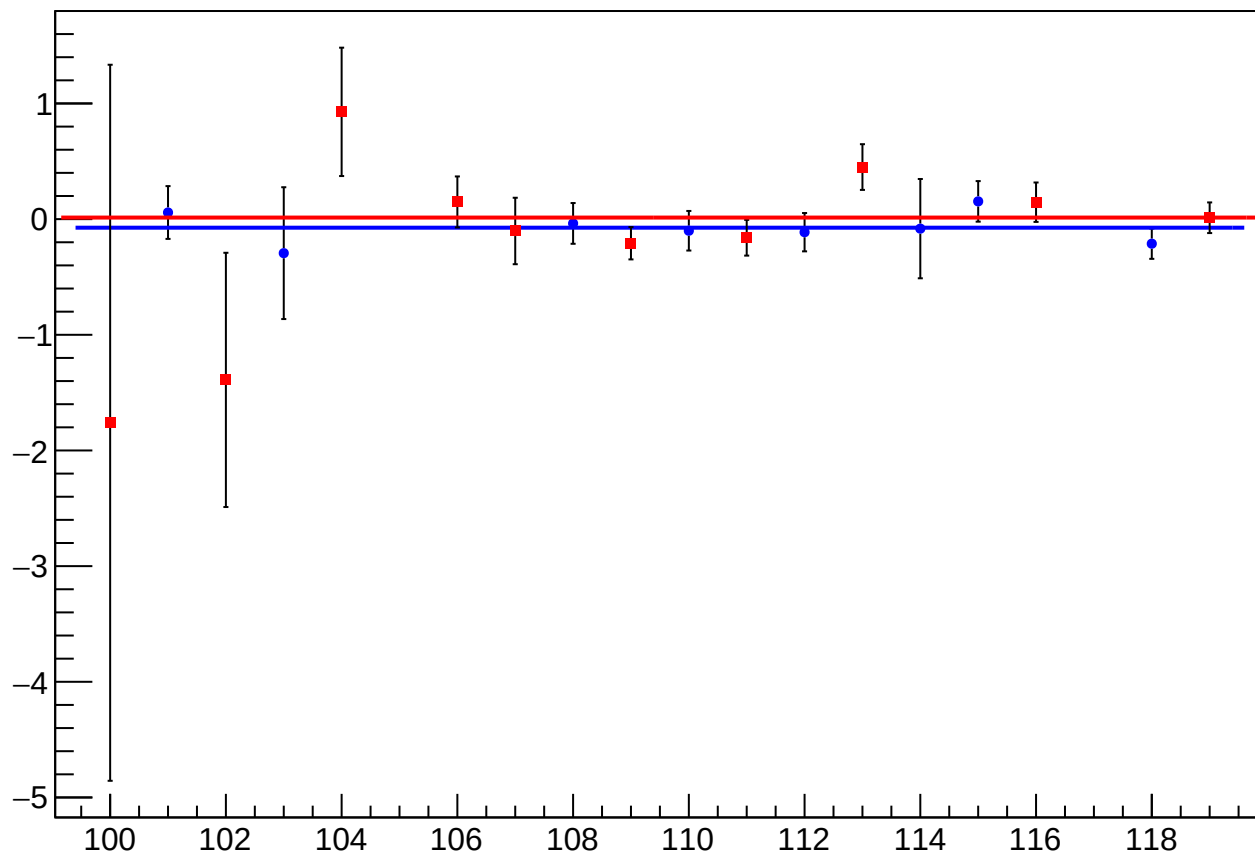
Right: 110.027+/-0.033 χ^2/NDF : 2222617.4/17

In: 109.381+/-0.048 χ^2/NDF : 1020235.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.027+/-0.033 χ^2/NDF : 2222617.4/17

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.067 χ^2/NDF : 3.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.064 χ^2/NDF : 14.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

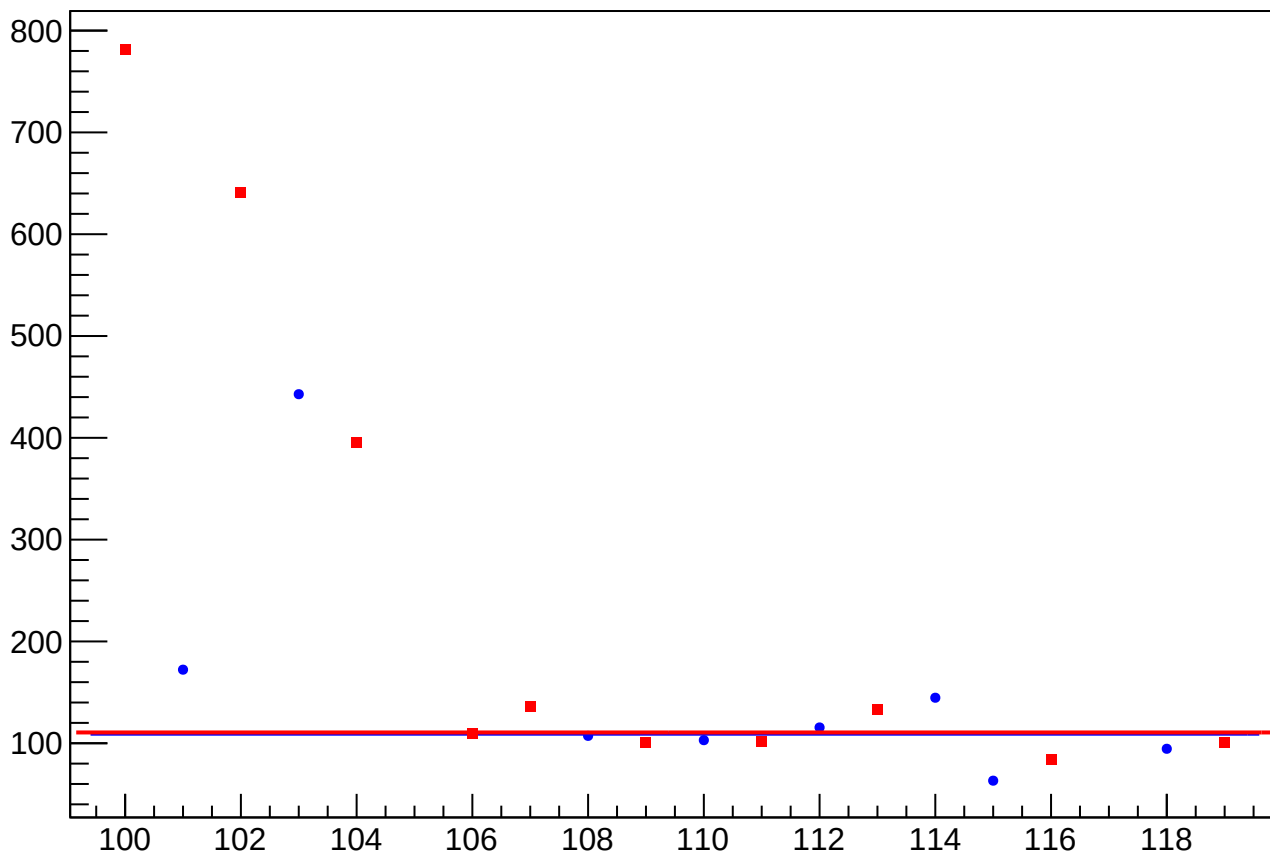
Right: -0.028 ± 0.046 χ^2/NDF : 18.8/17

In: -0.074 ± 0.067 χ^2/NDF : 3.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.046 χ^2/NDF : 18.8/17

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.381+/-0.048 χ^2/NDF : 1020235.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.605+/-0.045 χ^2/NDF : 1202032.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

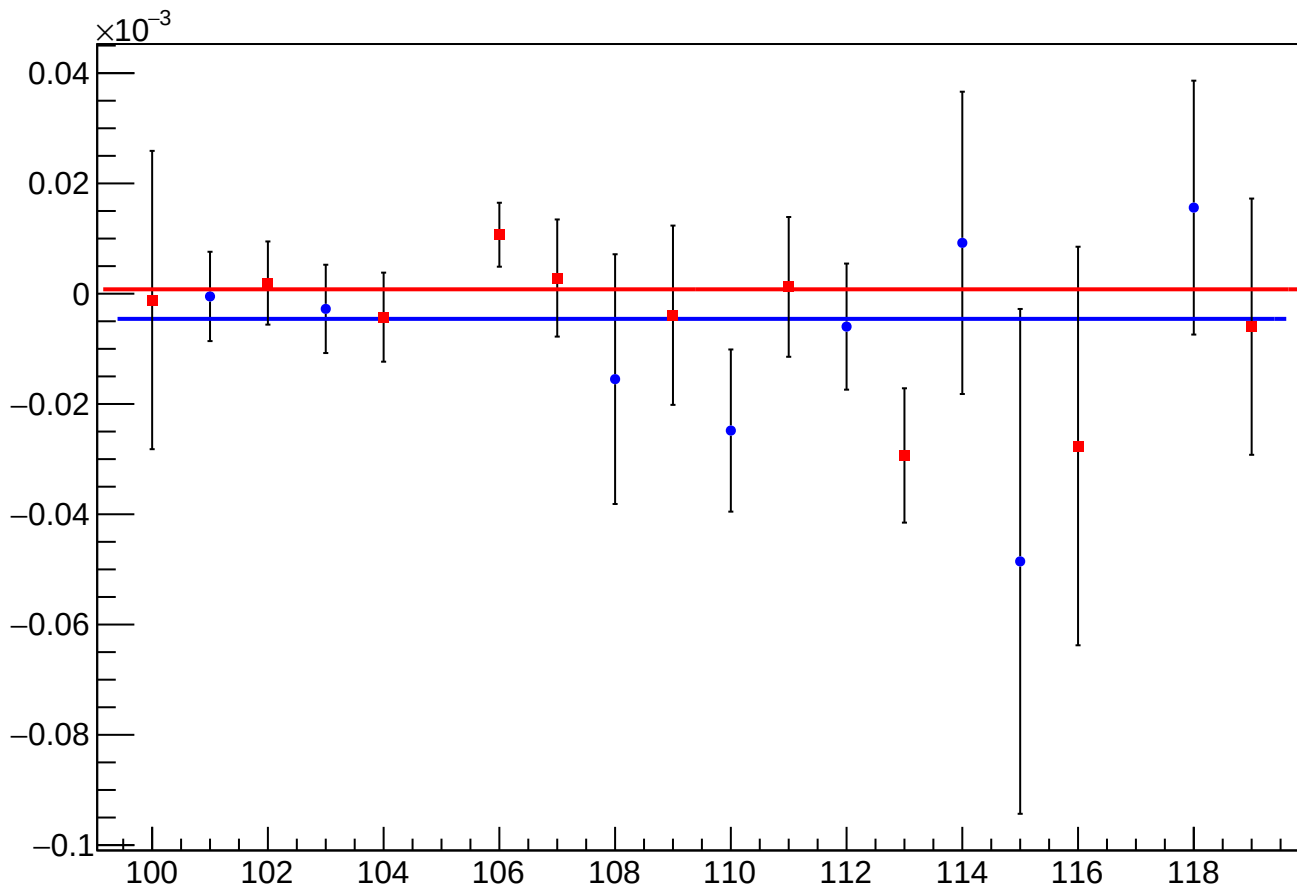
Right: 110.027+/-0.033 χ^2/NDF : 2222617.4/17

In: 109.381+/-0.048 χ^2/NDF :1020235.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.027+/-0.033 χ^2/NDF : 2222617.4/17

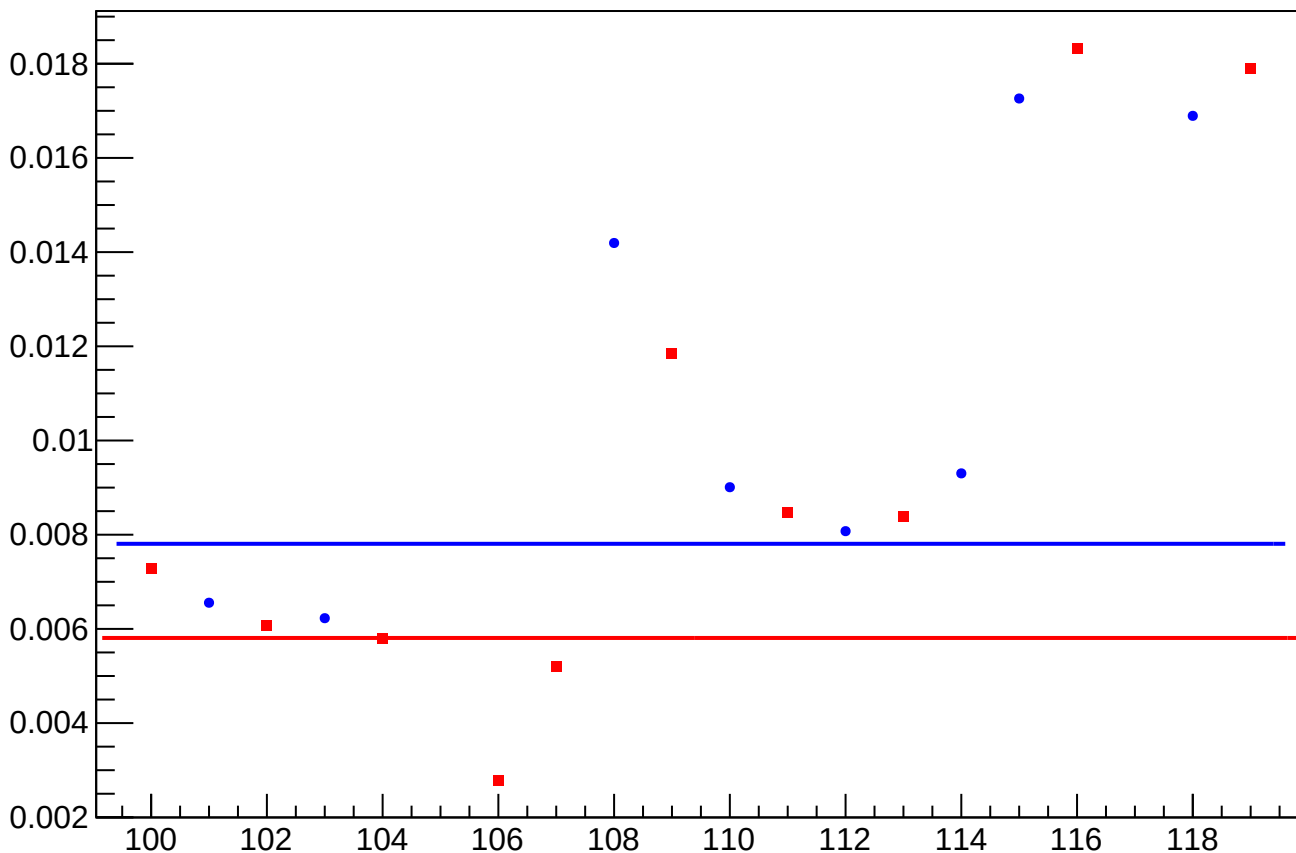
asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 15.6/17
 In: -0.000+/-0.000 χ^2/NDF : 4.4/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 15.6/17

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 701941.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1794719.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

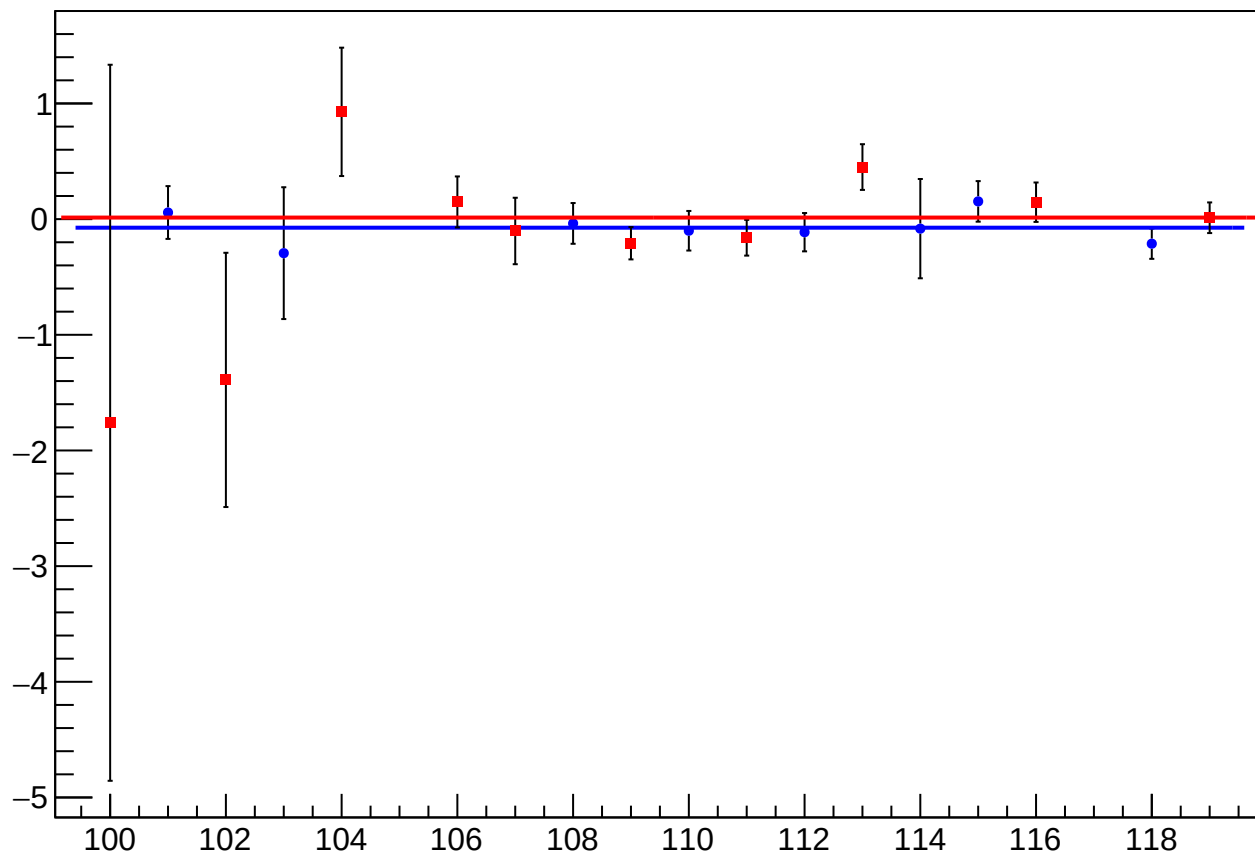
Right: 0.006+/-0.000 χ^2/NDF : 2751637.0/17

In: 0.008+/-0.000 χ^2/NDF : 701941.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2751637.0/17

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.067 χ^2/NDF : 3.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.014 ± 0.064 χ^2/NDF : 14.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

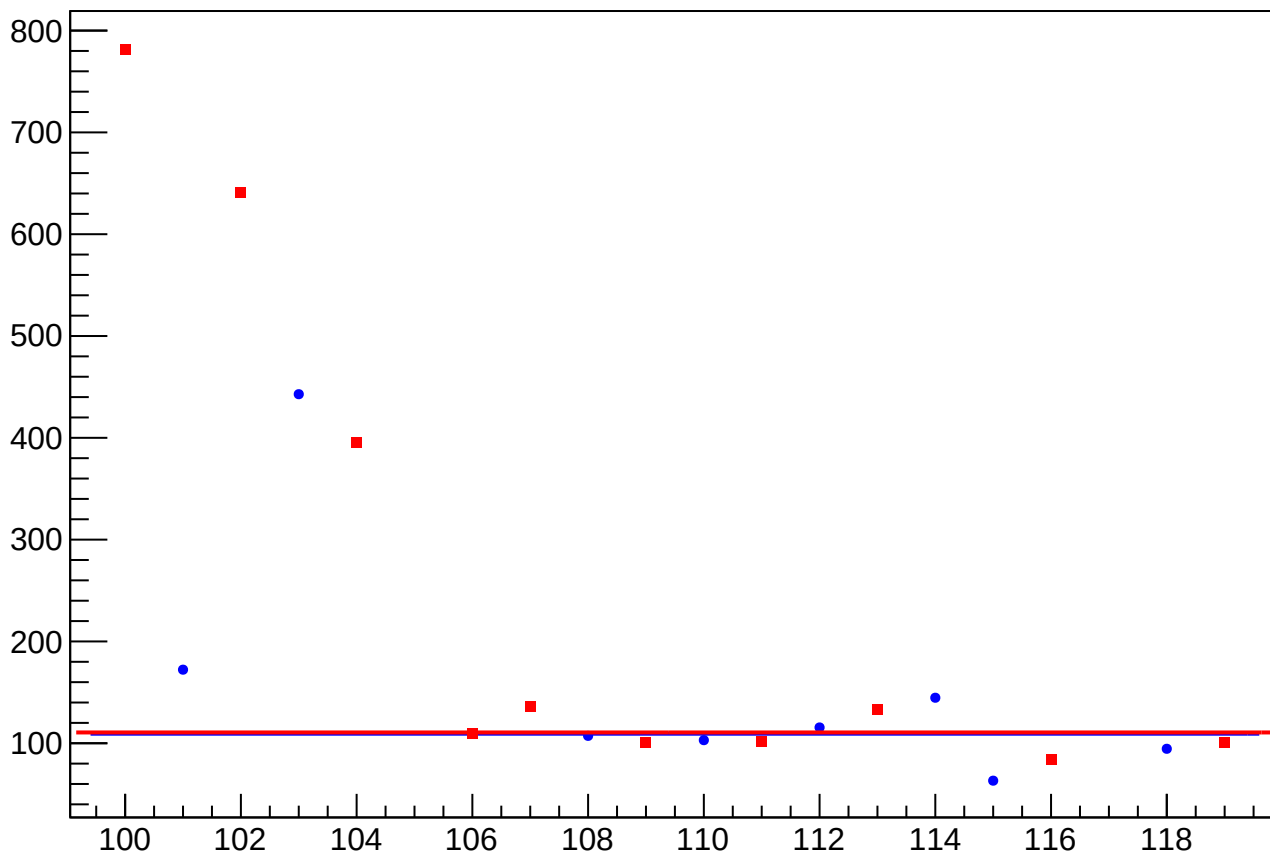
Right: -0.028 ± 0.046 χ^2/NDF : 18.8/17

In: -0.074 ± 0.067 χ^2/NDF : 3.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.046 χ^2/NDF : 18.8/17

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.382+/-0.048 χ^2/NDF : 1020212.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.608+/-0.045 χ^2/NDF : 1201987.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

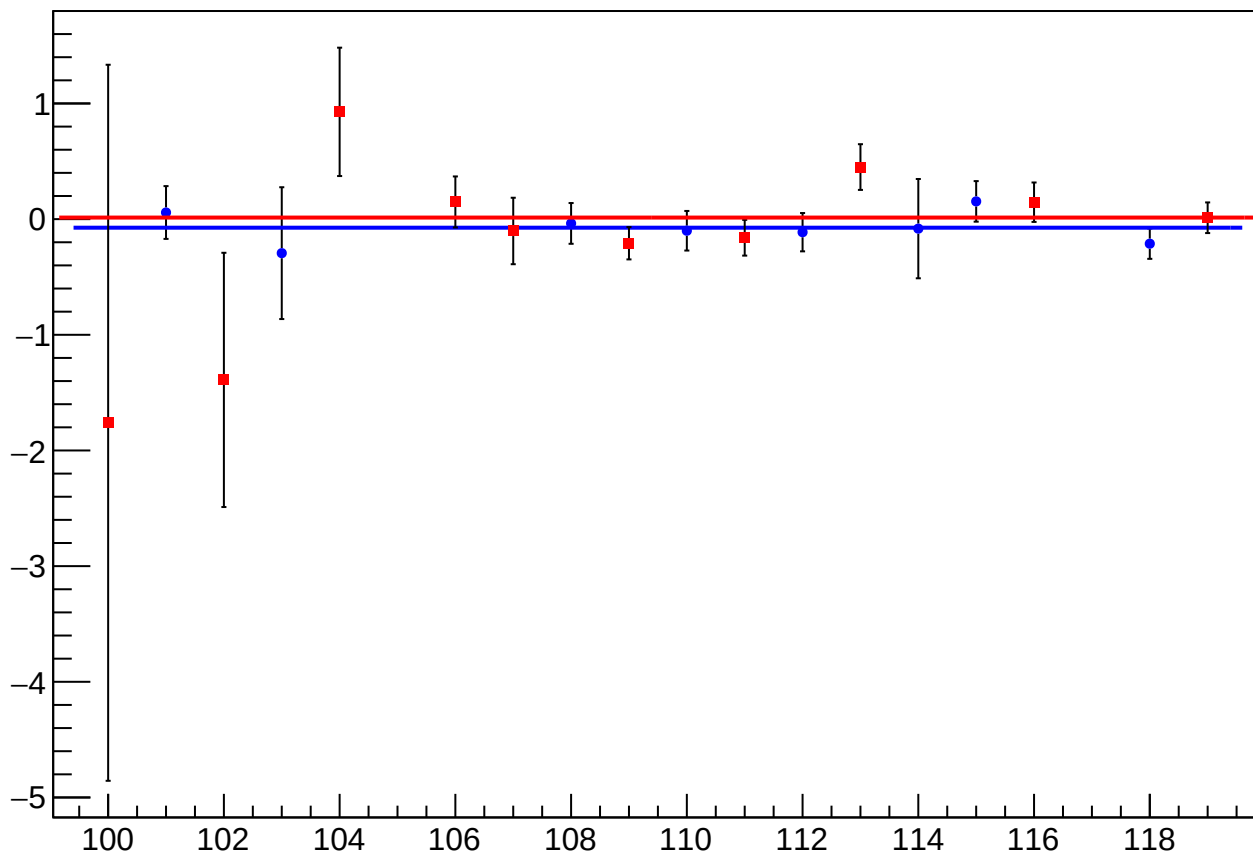
Right: 110.029+/-0.033 χ^2/NDF : 2222550.8/17

In: 109.382+/-0.048 χ^2/NDF : 1020212.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.029+/-0.033 χ^2/NDF : 2222550.8/17

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.074 ± 0.067 $\chi^2/\text{NDF}: 3.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.014 ± 0.064 $\chi^2/\text{NDF}: 14.5/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

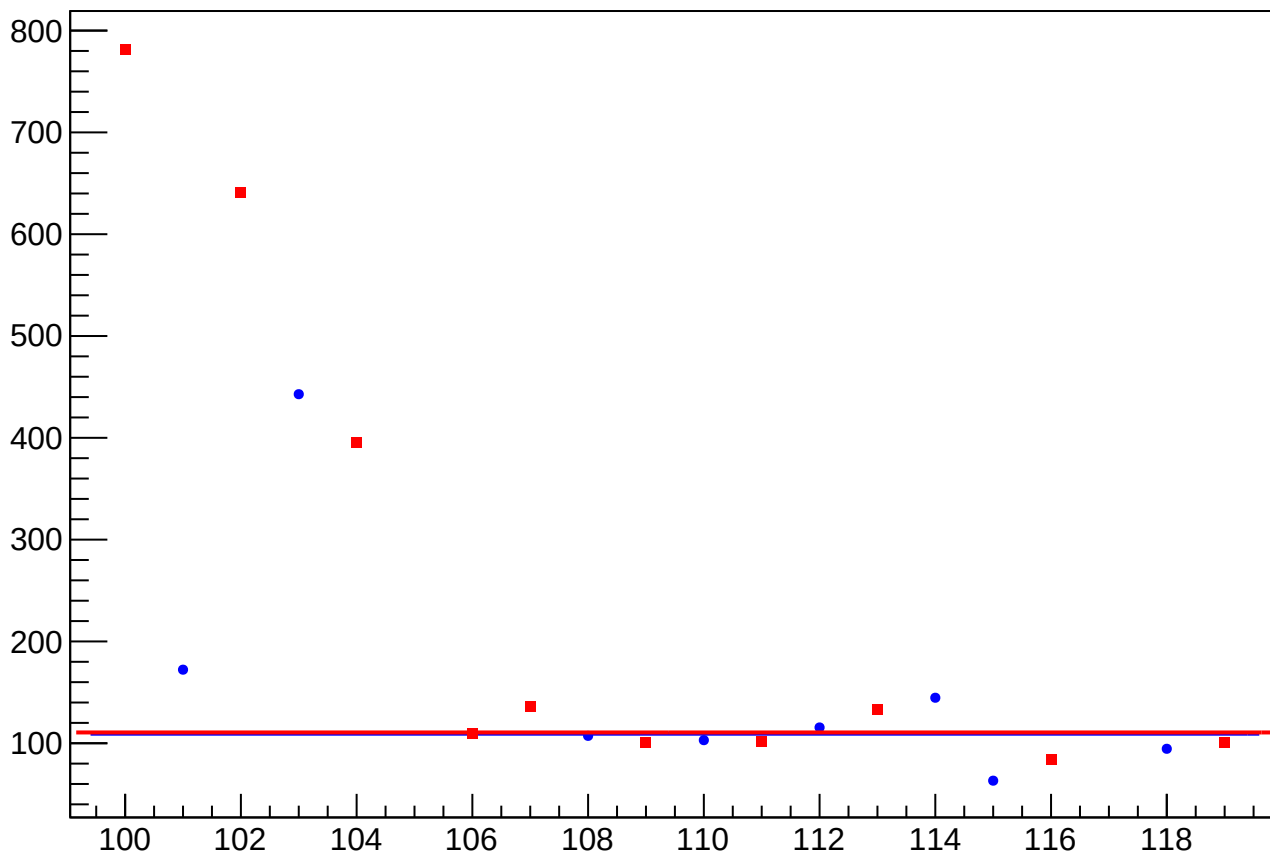
Right: -0.028 ± 0.046 $\chi^2/\text{NDF}: 18.8/17$

In: -0.074 ± 0.067 $\chi^2/\text{NDF}: 3.4/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.028 ± 0.046 $\chi^2/\text{NDF}: 18.8/17$

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.382+/-0.048 χ^2/NDF : 1020212.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.608+/-0.045 χ^2/NDF : 1201987.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

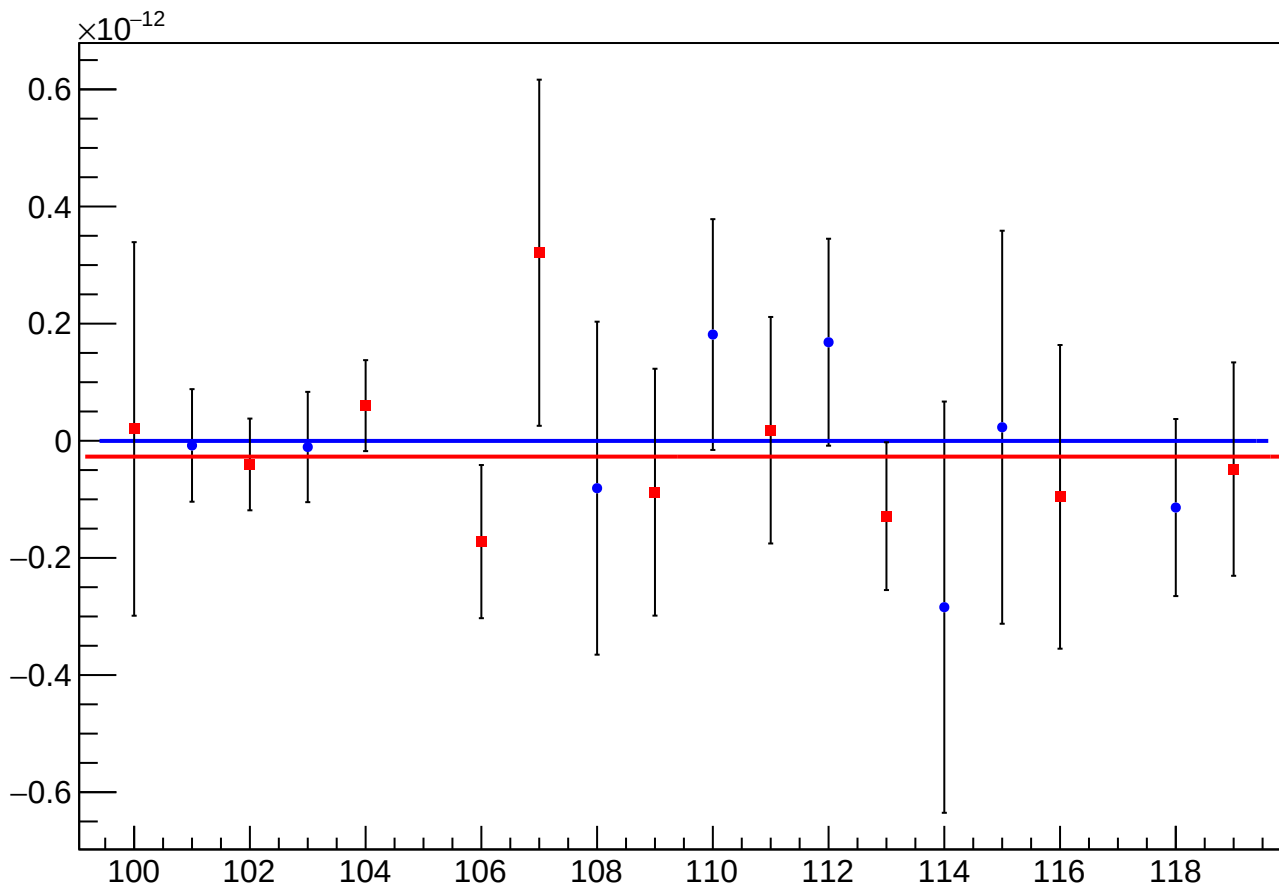
Right: 110.029+/-0.033 χ^2/NDF : 2222550.8/17

In: 109.382+/-0.048 χ^2/NDF : 1020212.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.029+/-0.033 χ^2/NDF : 2222550.8/17

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

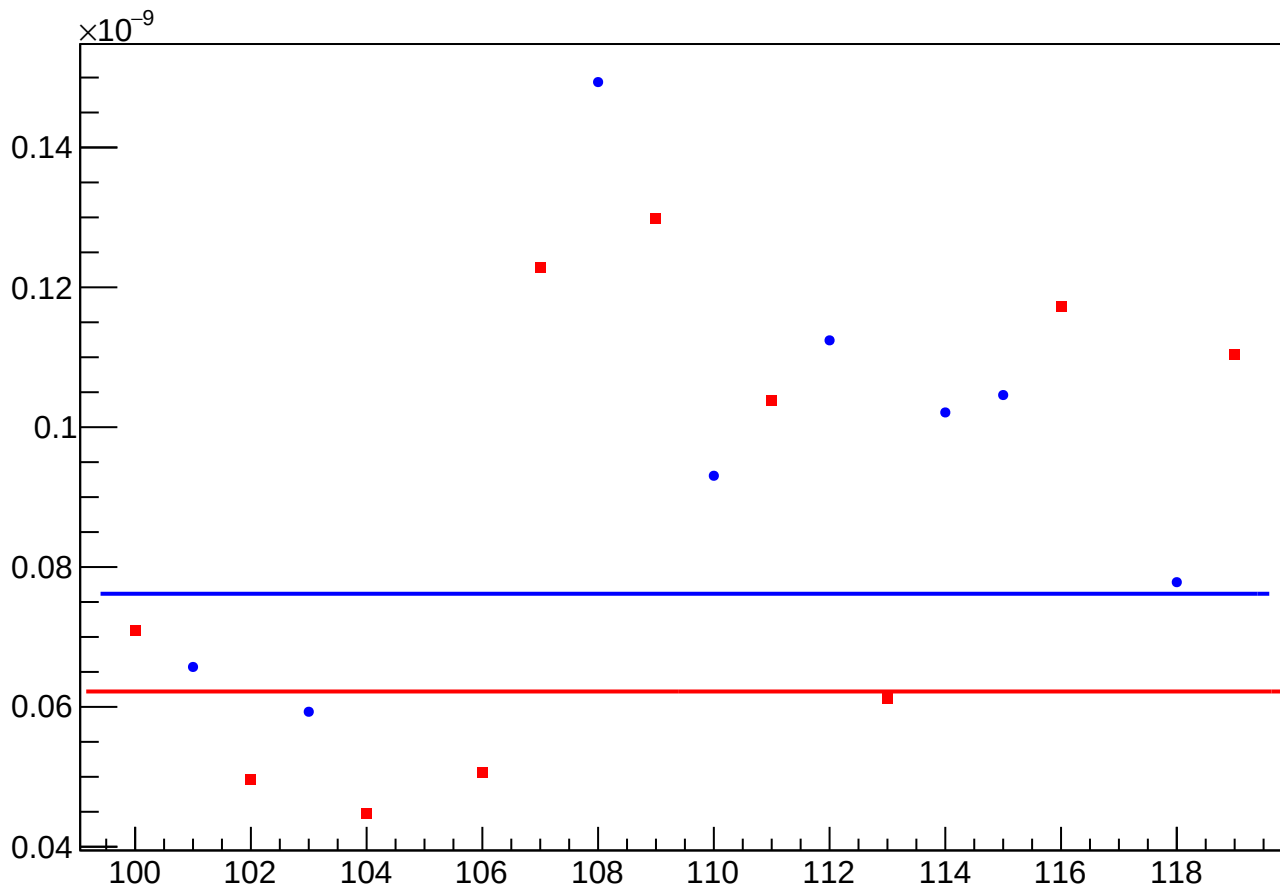
Right: -0.000 ± 0.000 χ^2/NDF : 8.0/17

In: -0.000 ± 0.000 χ^2/NDF : 3.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 8.0/17

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 344779.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 783984.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

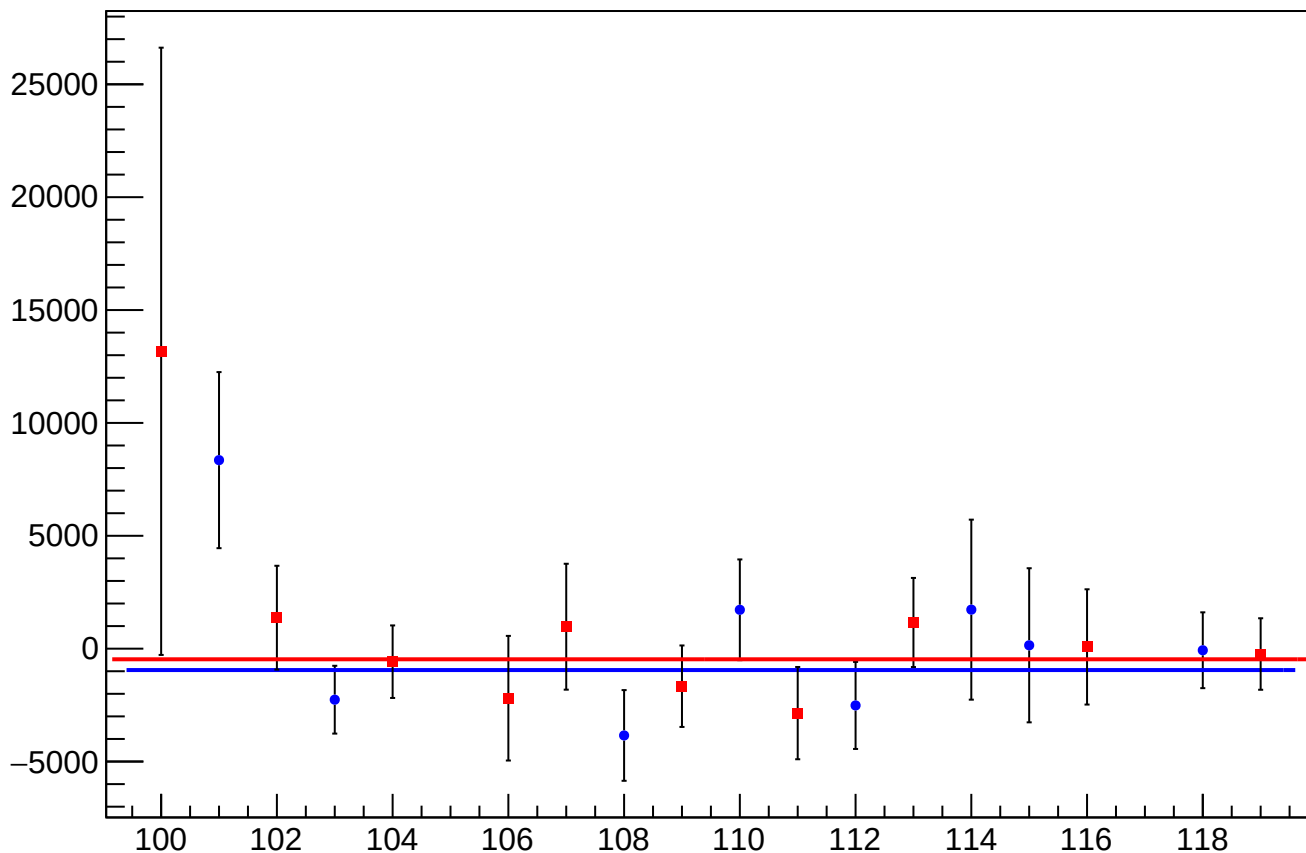
Right: 0.000+/-0.000 χ^2/NDF : 1213522.5/17

In: 0.000+/-0.000 χ^2/NDF : 344779.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1213522.5/17

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -947.654+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

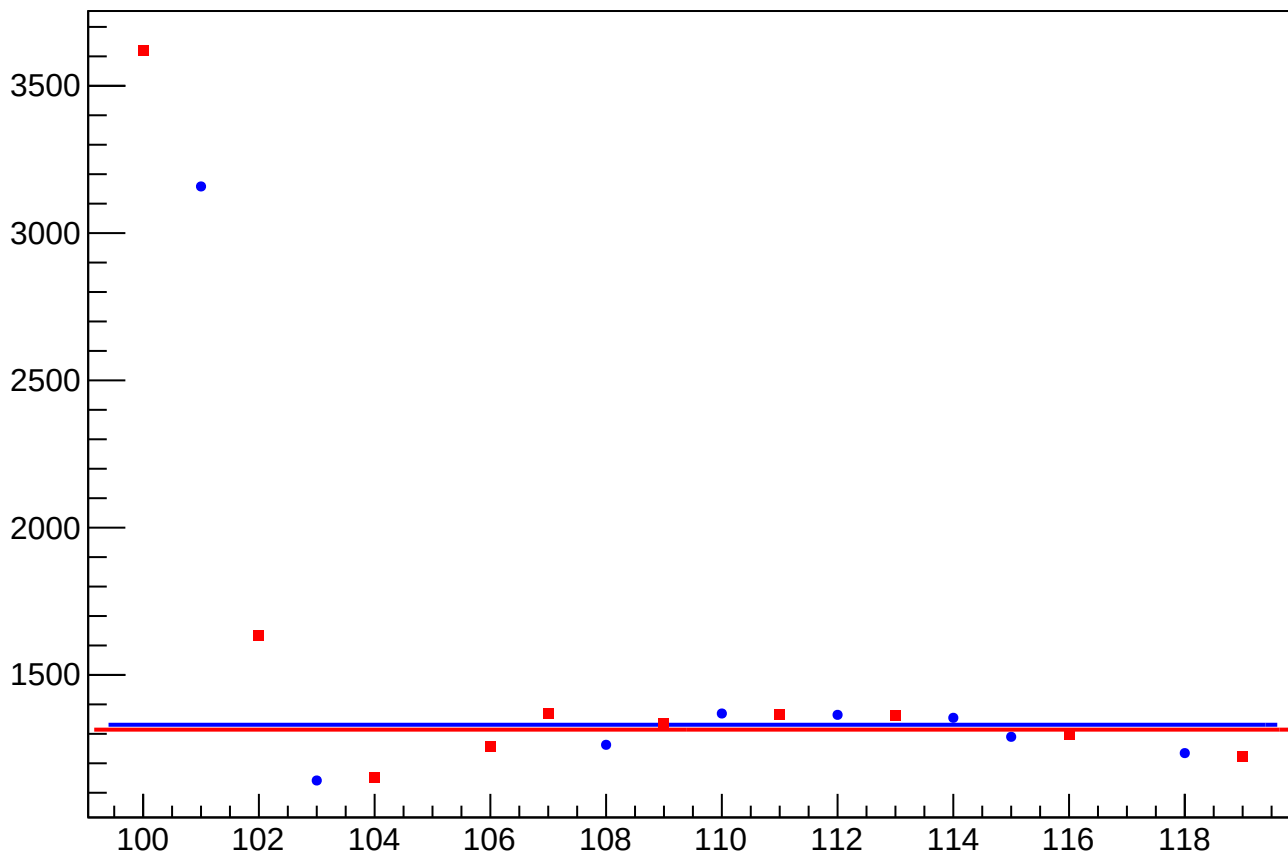
Right: -680.728+/-504.632 χ^2/NDF : 16.5/17

In: -947.654+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -680.728+/-504.632 χ^2/NDF : 16.5/17

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

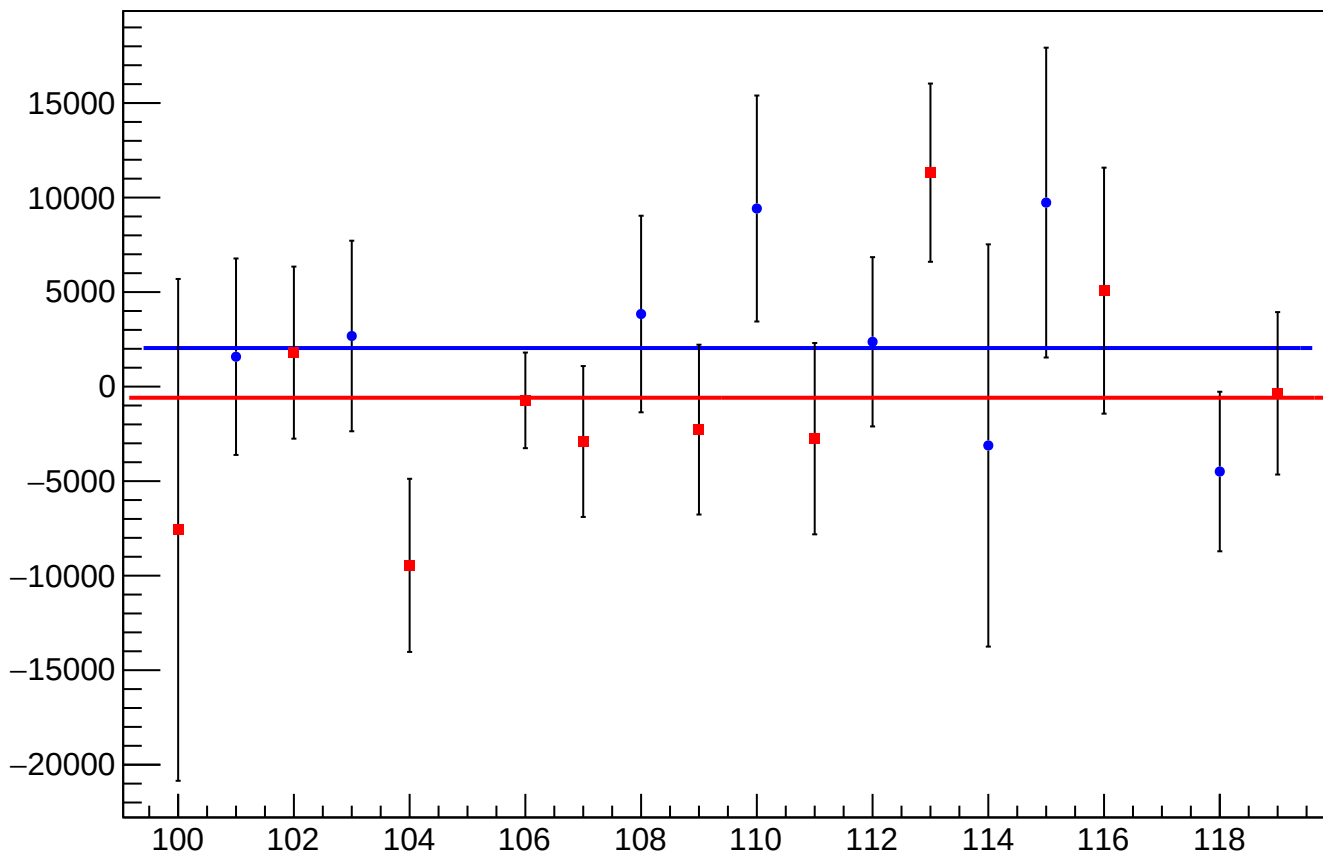
Right: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.123+/-1370.763 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

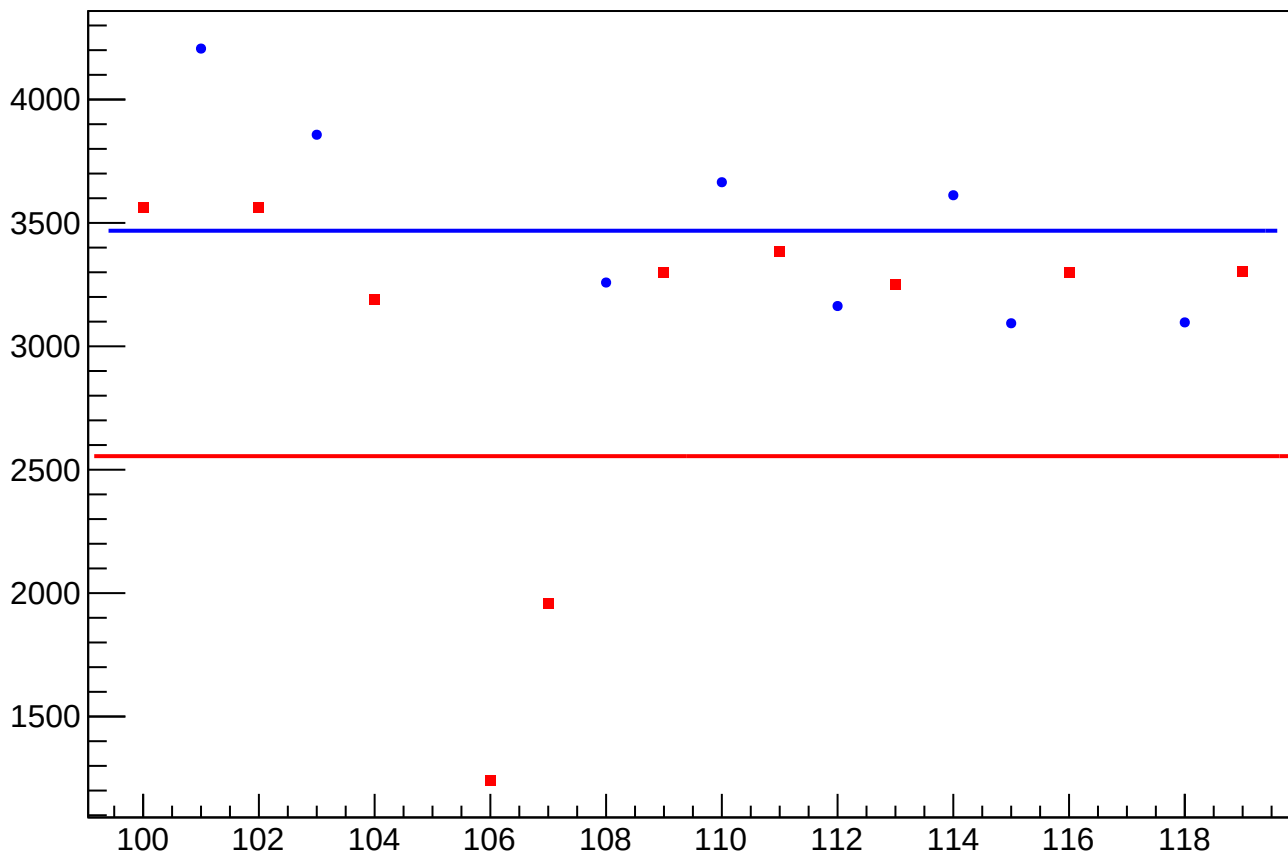
Right: 298.436+/-1115.682 χ^2/NDF : 18.5/17

In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.436+/-1115.682 χ^2/NDF : 18.5/17

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988+/-0.969 χ^2/NDF : 970662.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

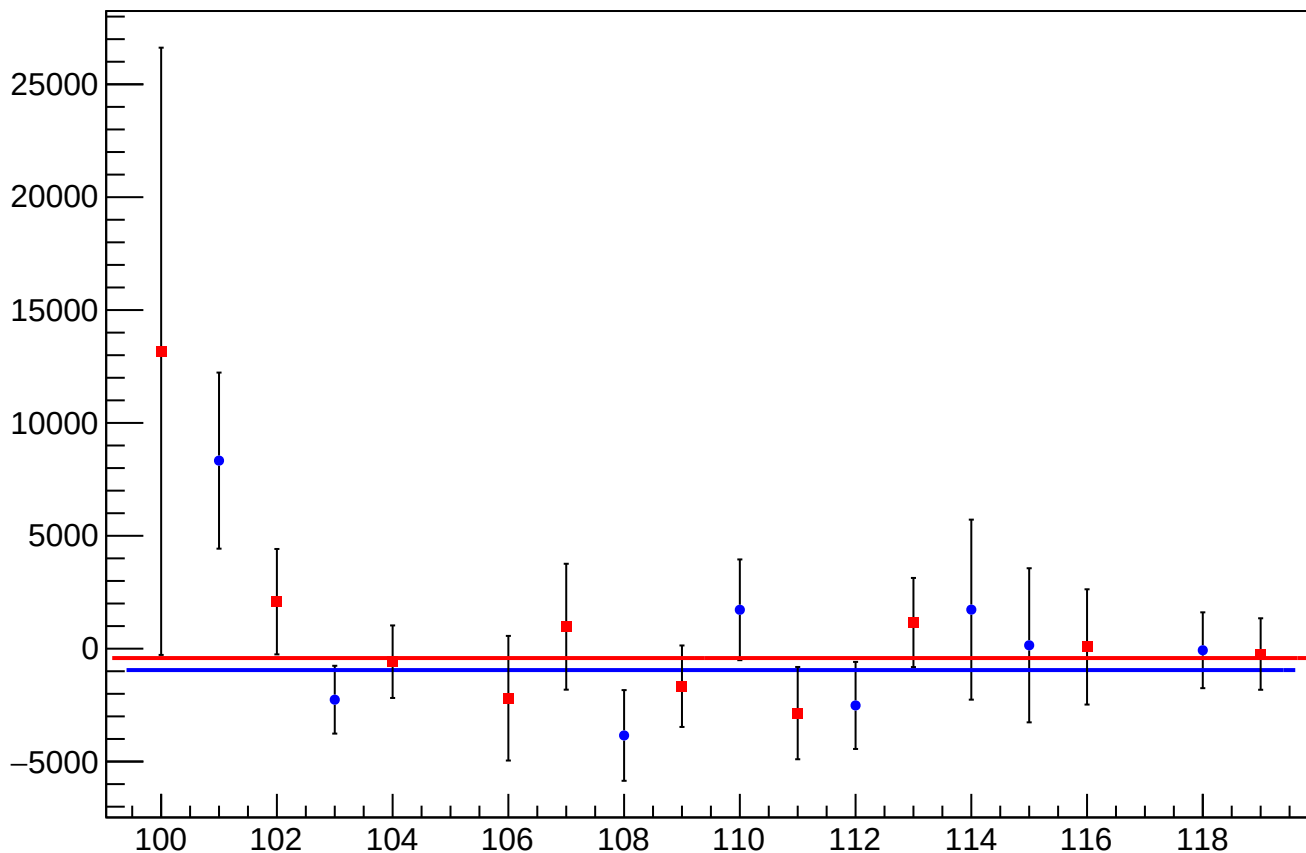
Right: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

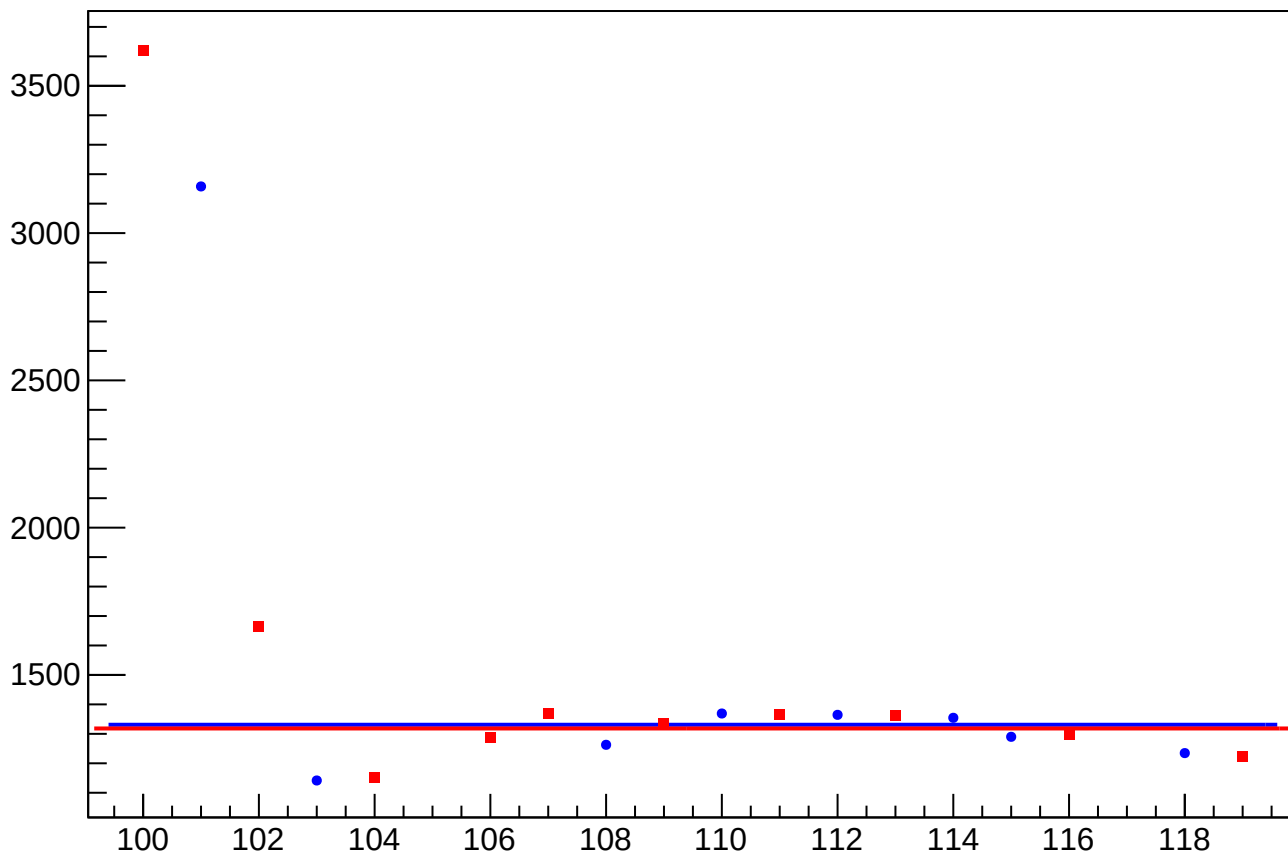
Right: -650.881+/-504.991 χ^2/NDF : 17.1/17

In: -948.478+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.881+/-504.991 χ^2/NDF : 17.1/17

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

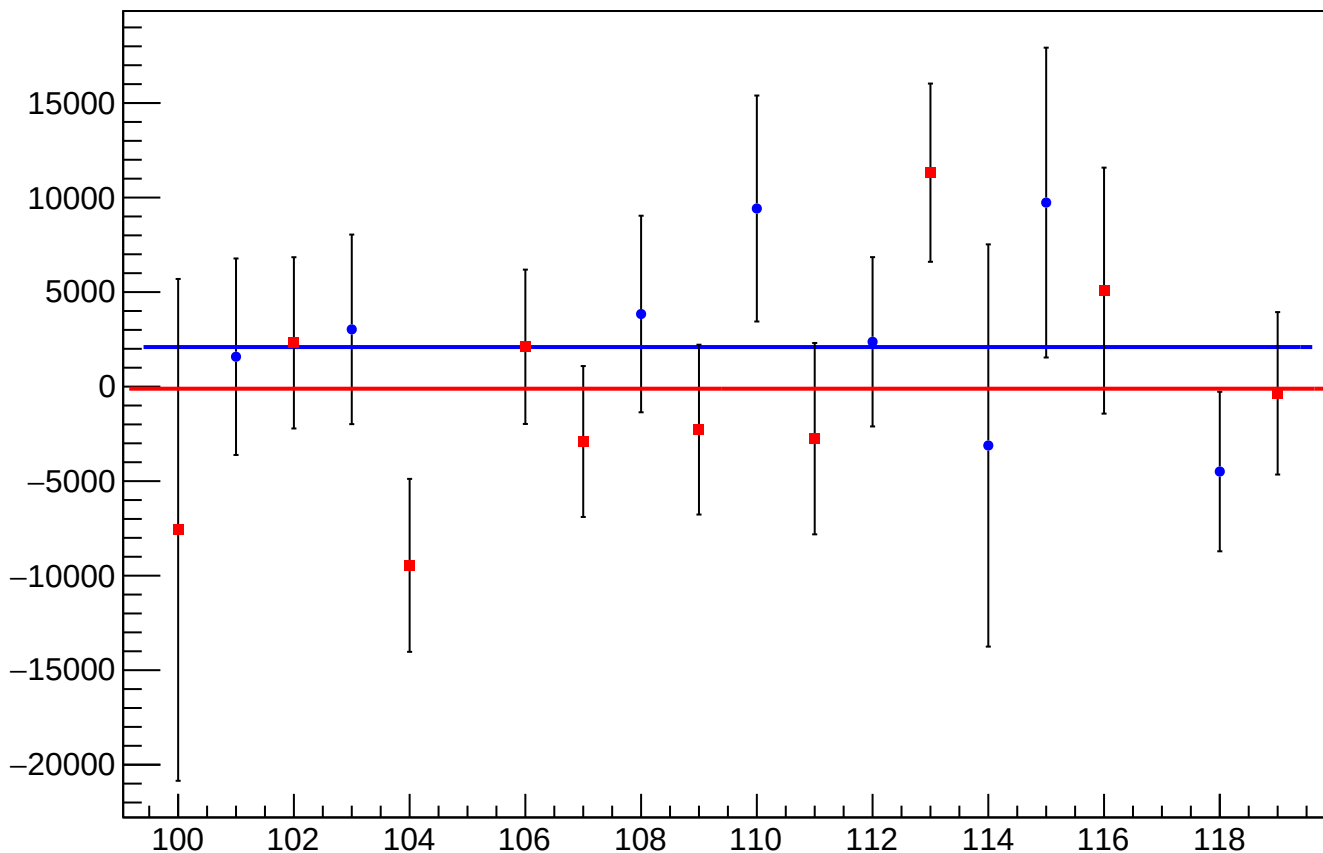
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

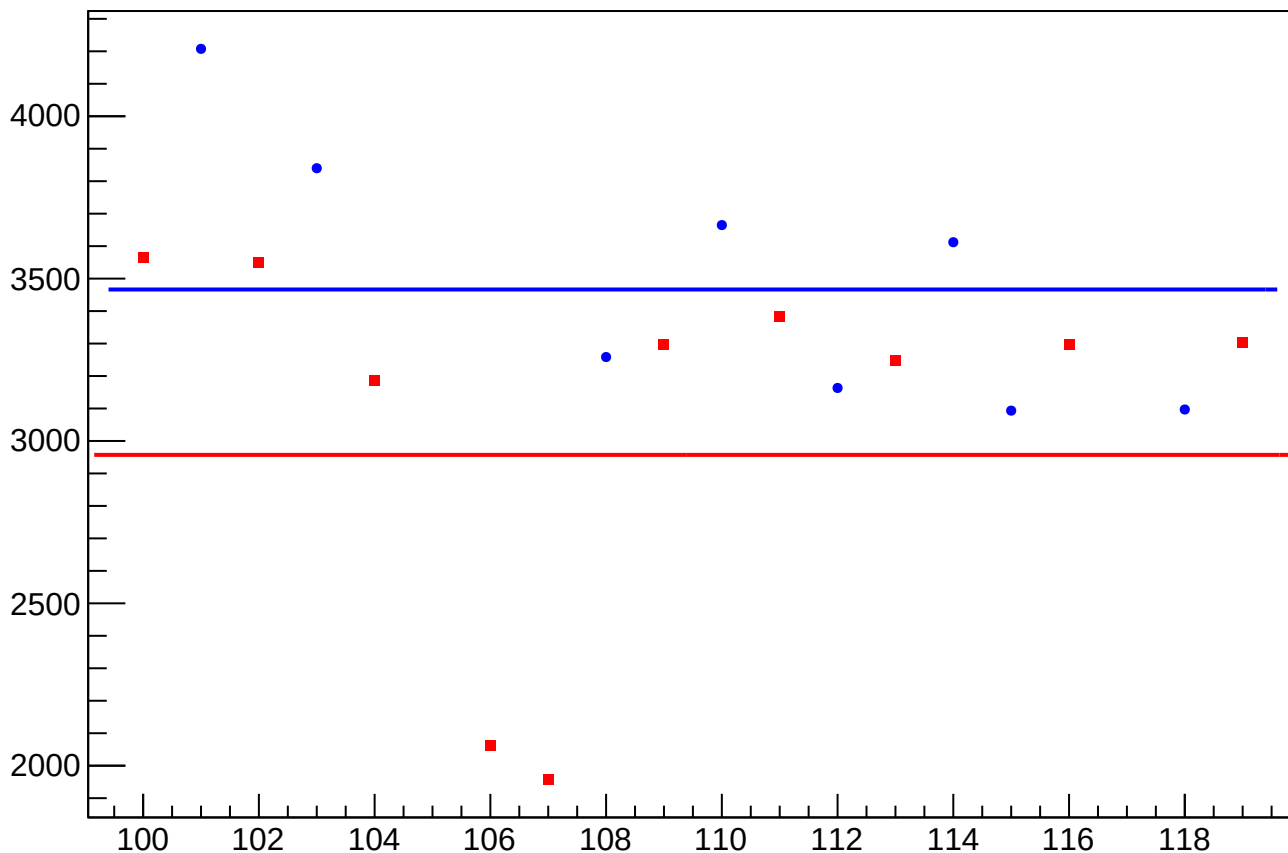
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

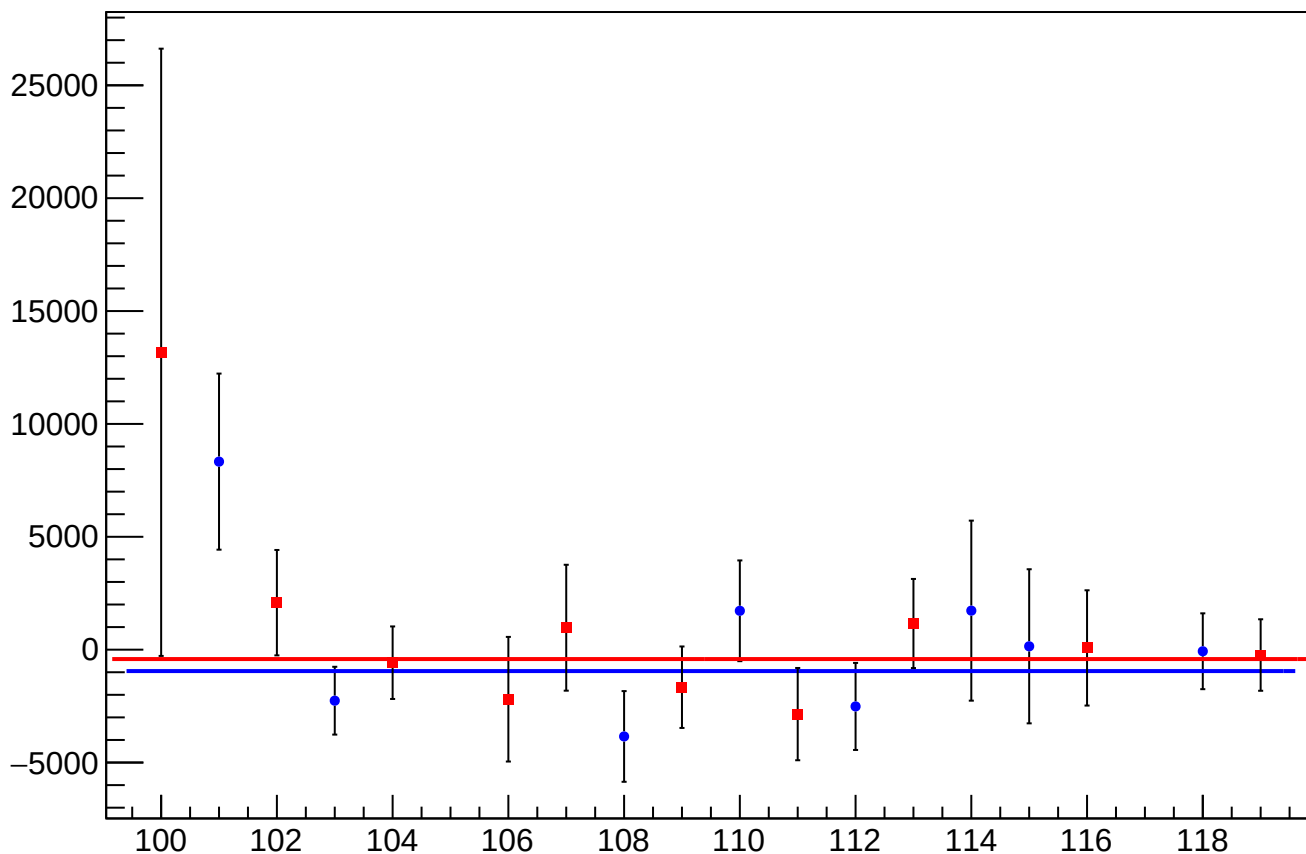
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

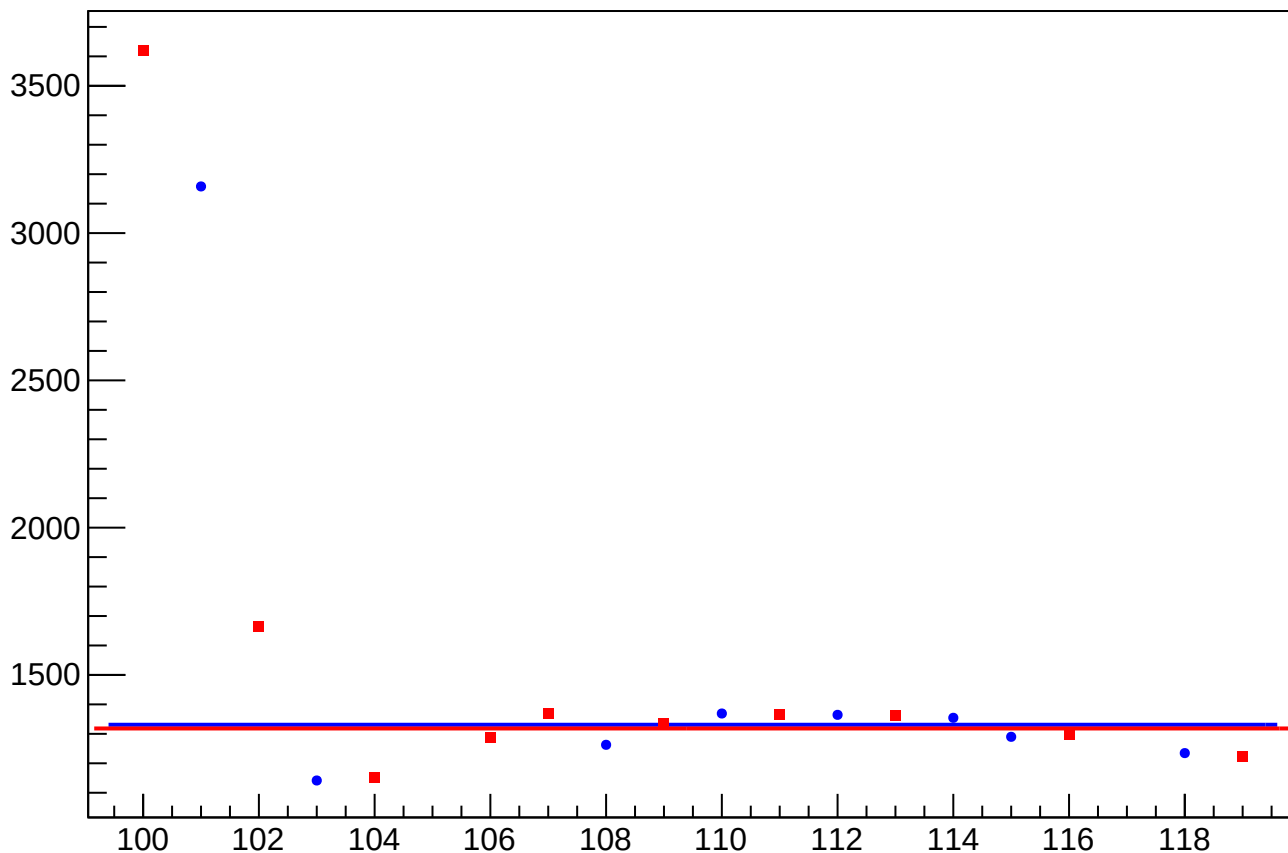
Right: -650.881+/-504.991 χ^2/NDF : 17.1/17

In: -948.478+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.881+/-504.991 χ^2/NDF : 17.1/17

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

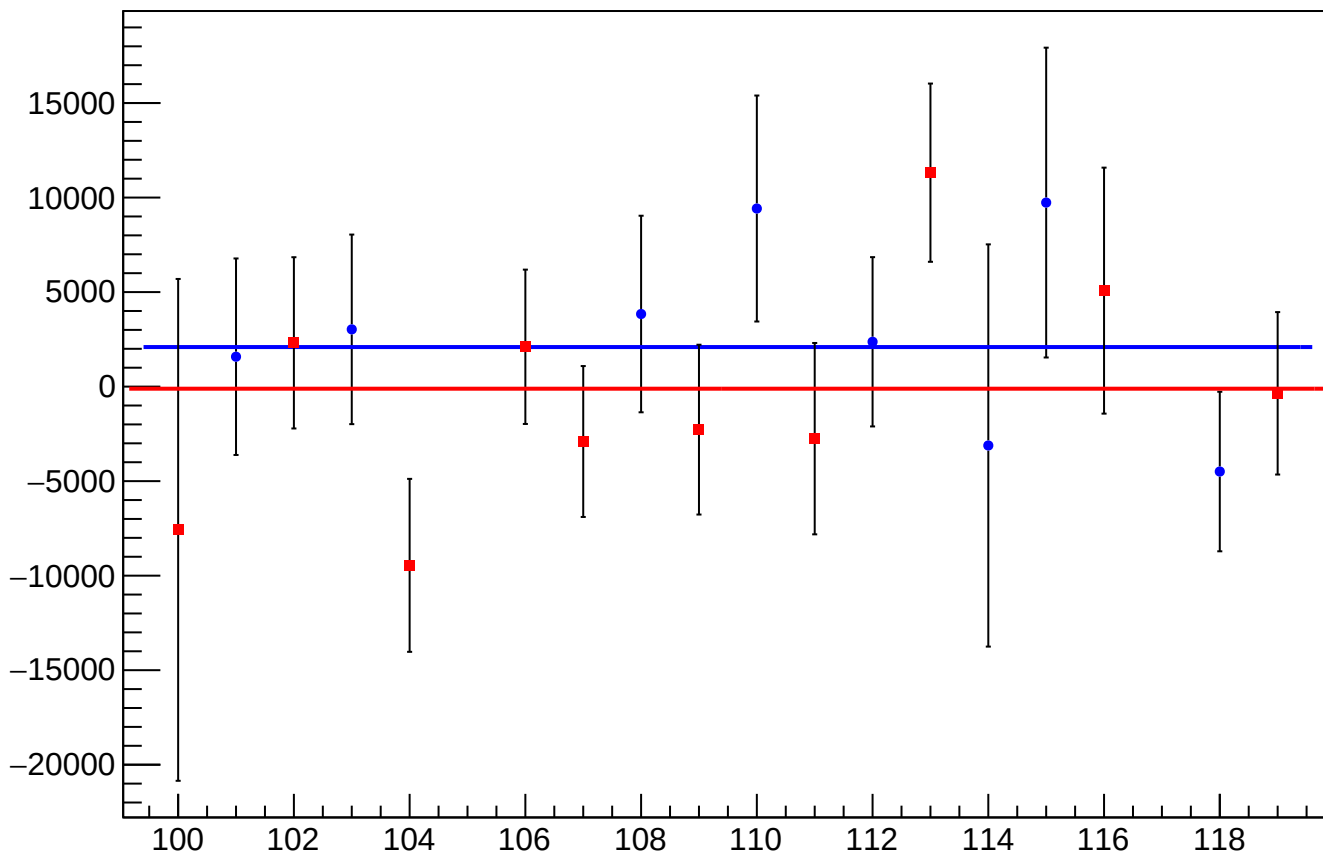
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

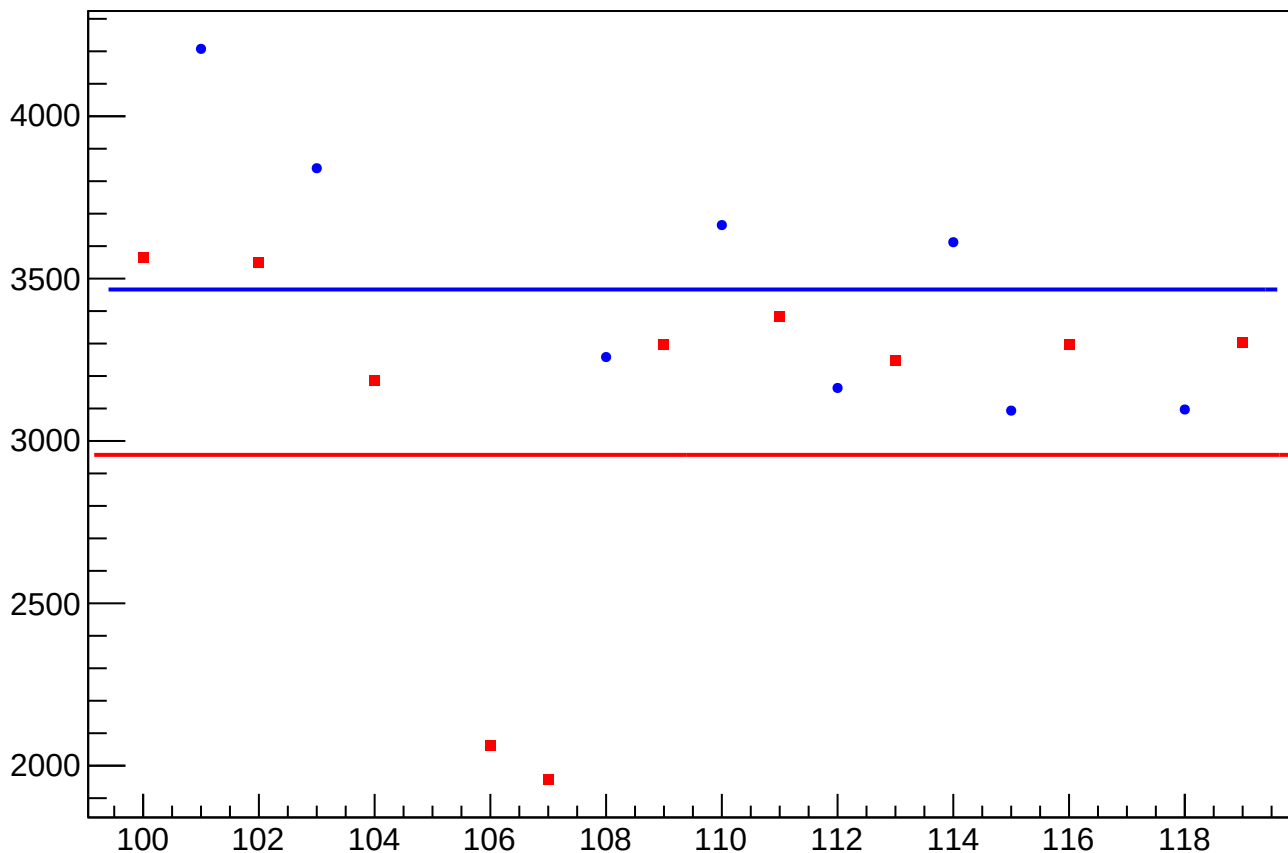
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

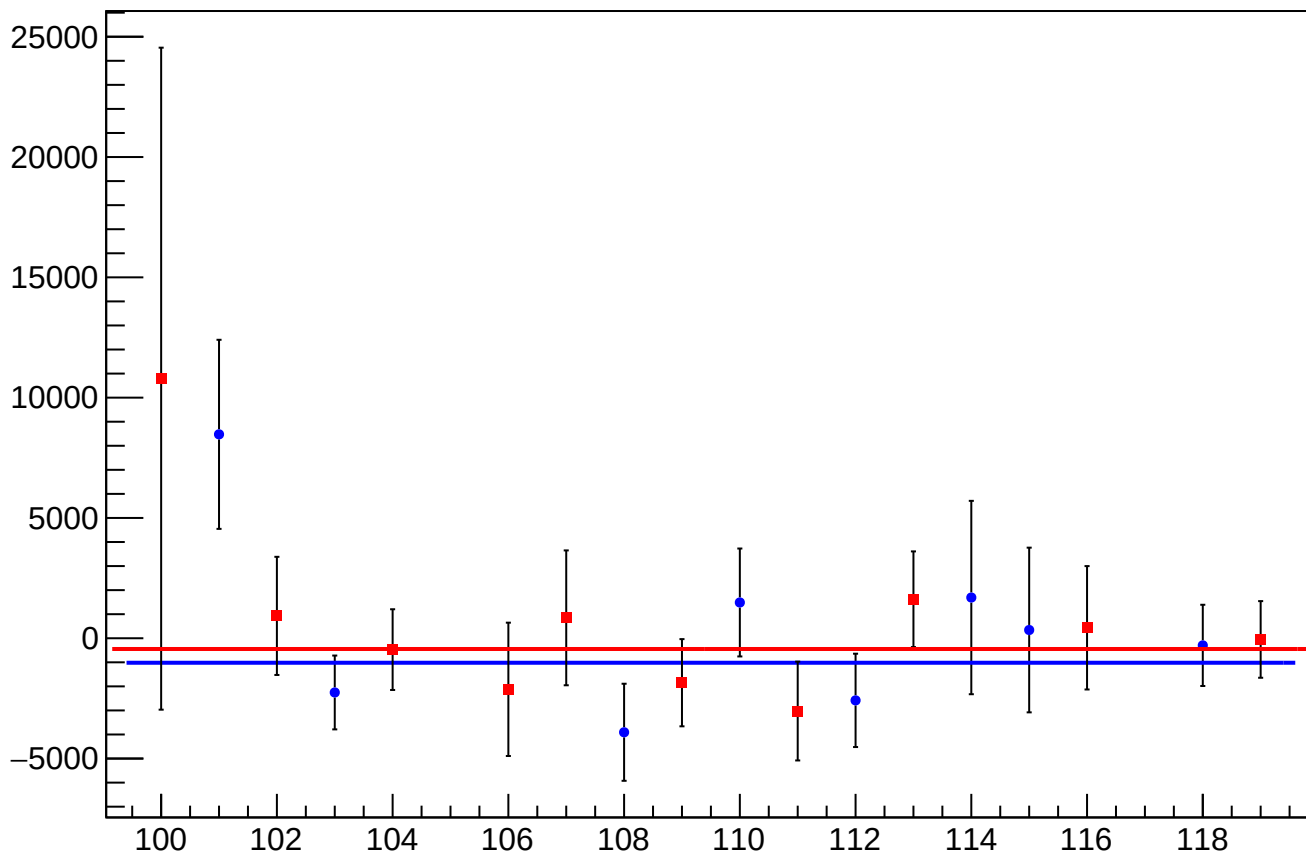
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

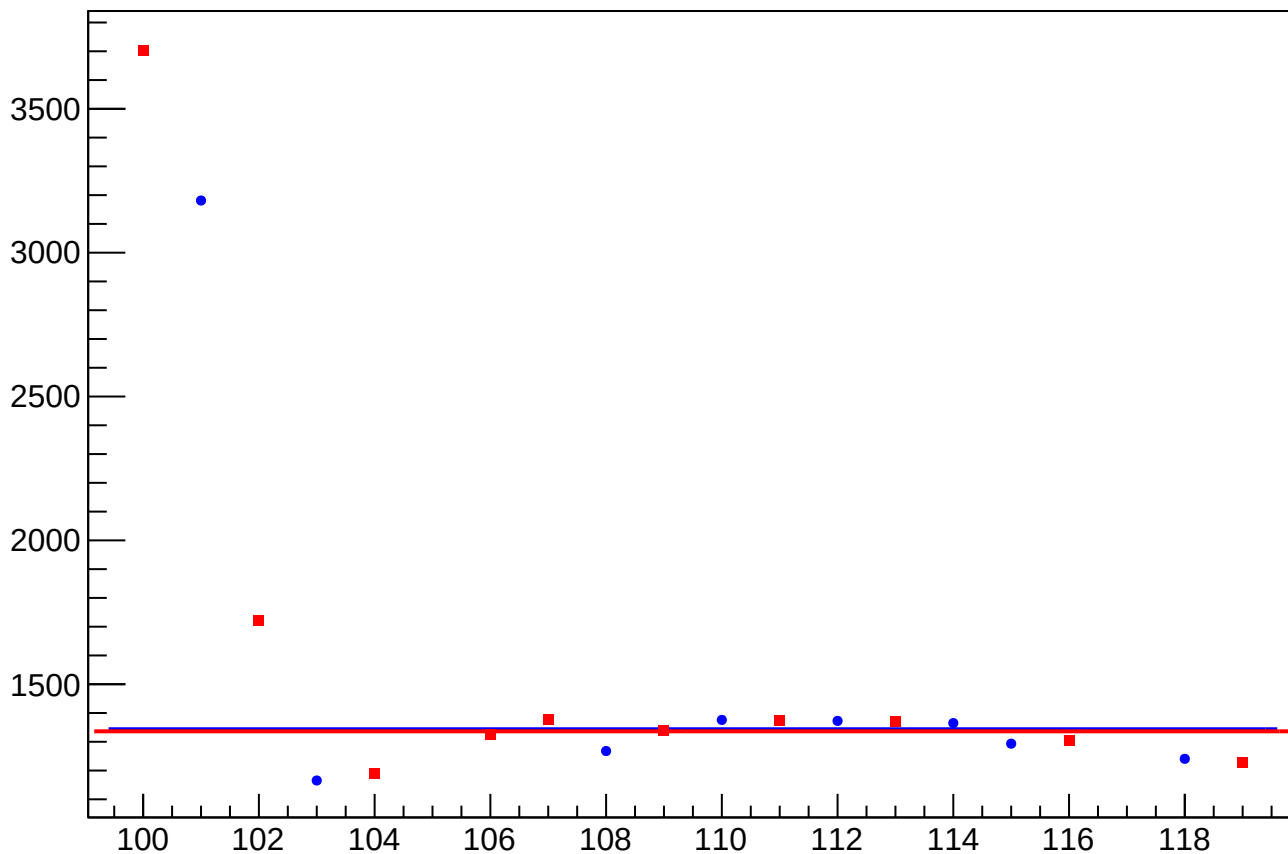
Right: -700.344+/-511.423 χ^2/NDF : 16.5/17

In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.344+/-511.423 χ^2/NDF : 16.5/17

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

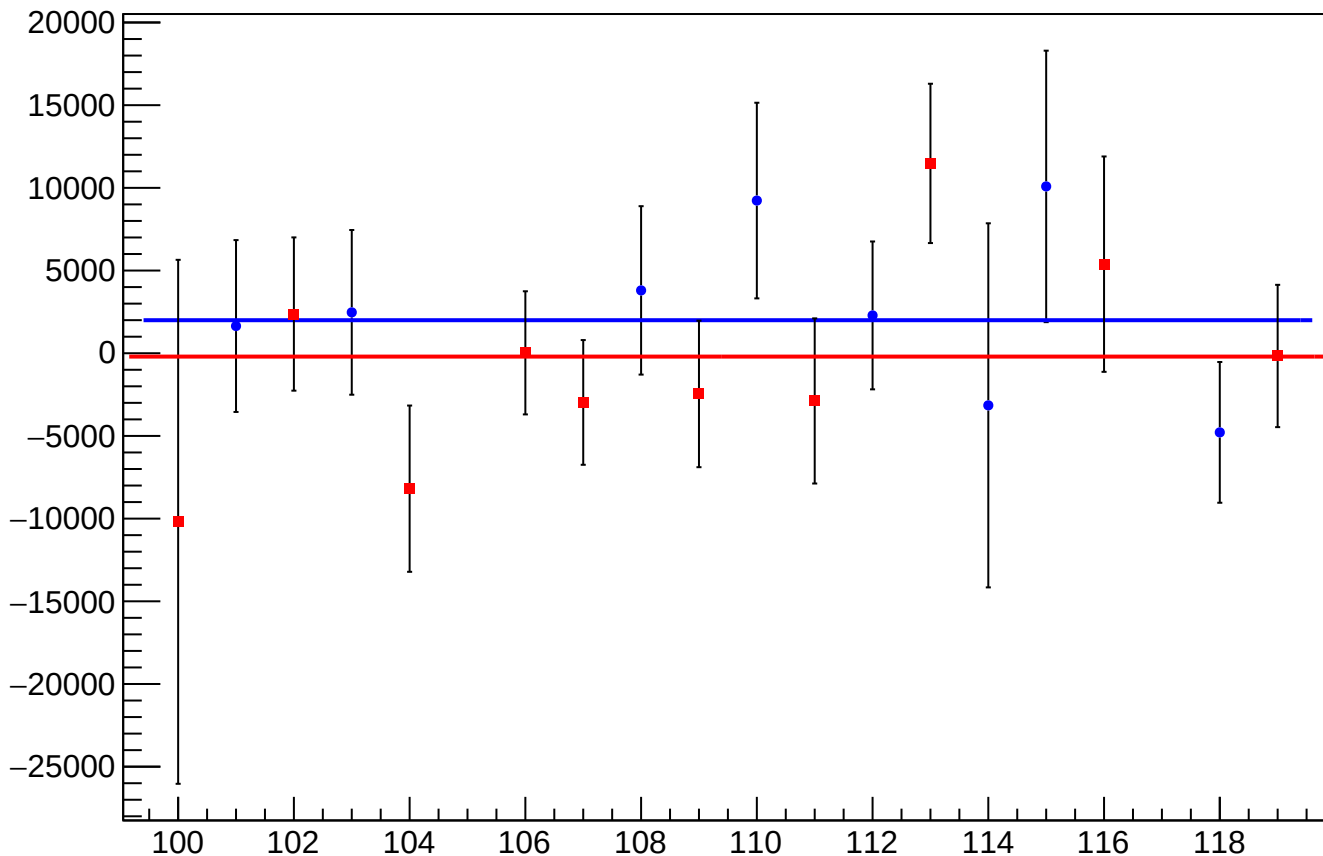
Right: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.194+/-1914.404 χ^2 /NDF: 5.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -202.496+/-1500.109 χ^2 /NDF: 10.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

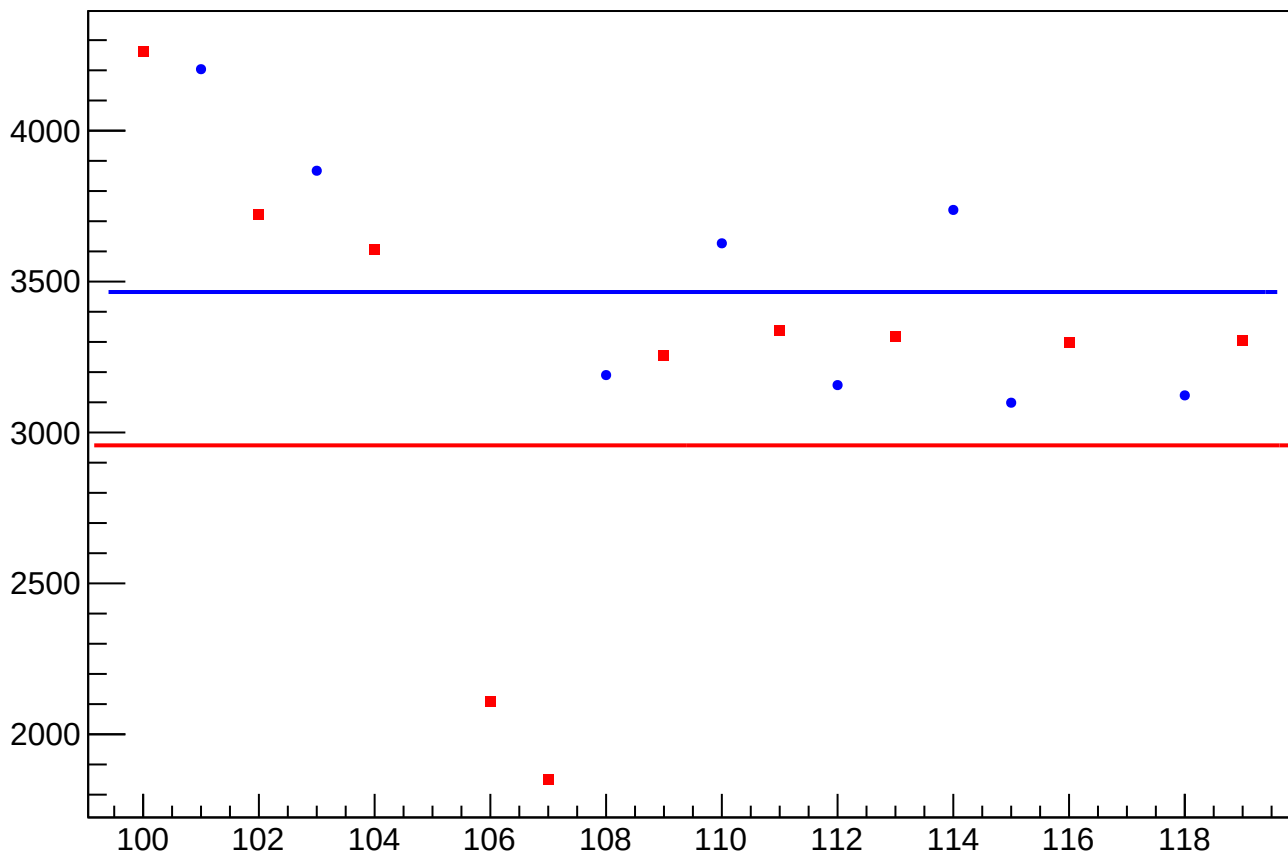
Right: 634.325+/-1180.780 χ^2 /NDF: 17.1/17

In: 1997.194+/-1914.404 χ^2 /NDF:5.4/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 634.325+/-1180.780 χ^2 /NDF: 17.1/17

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

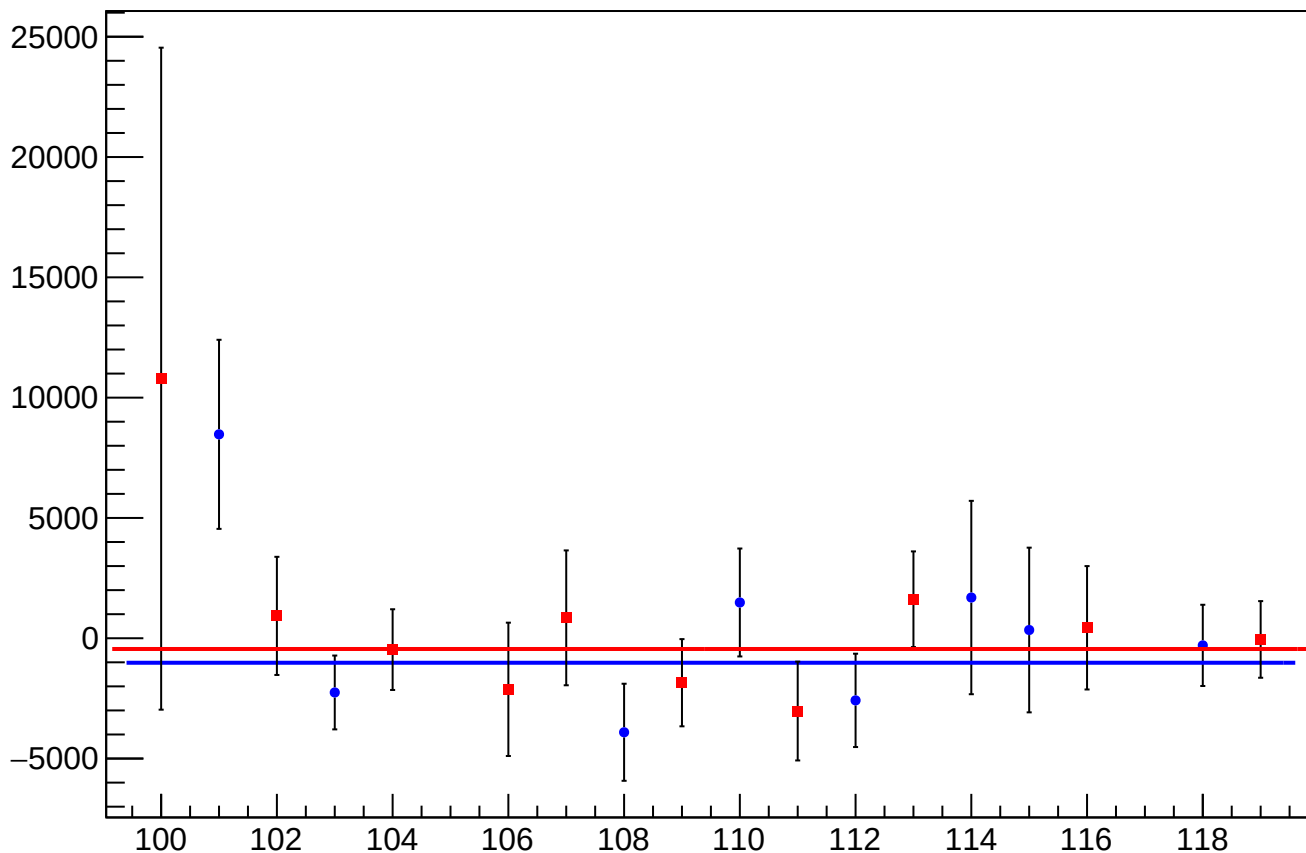
Right: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.292+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

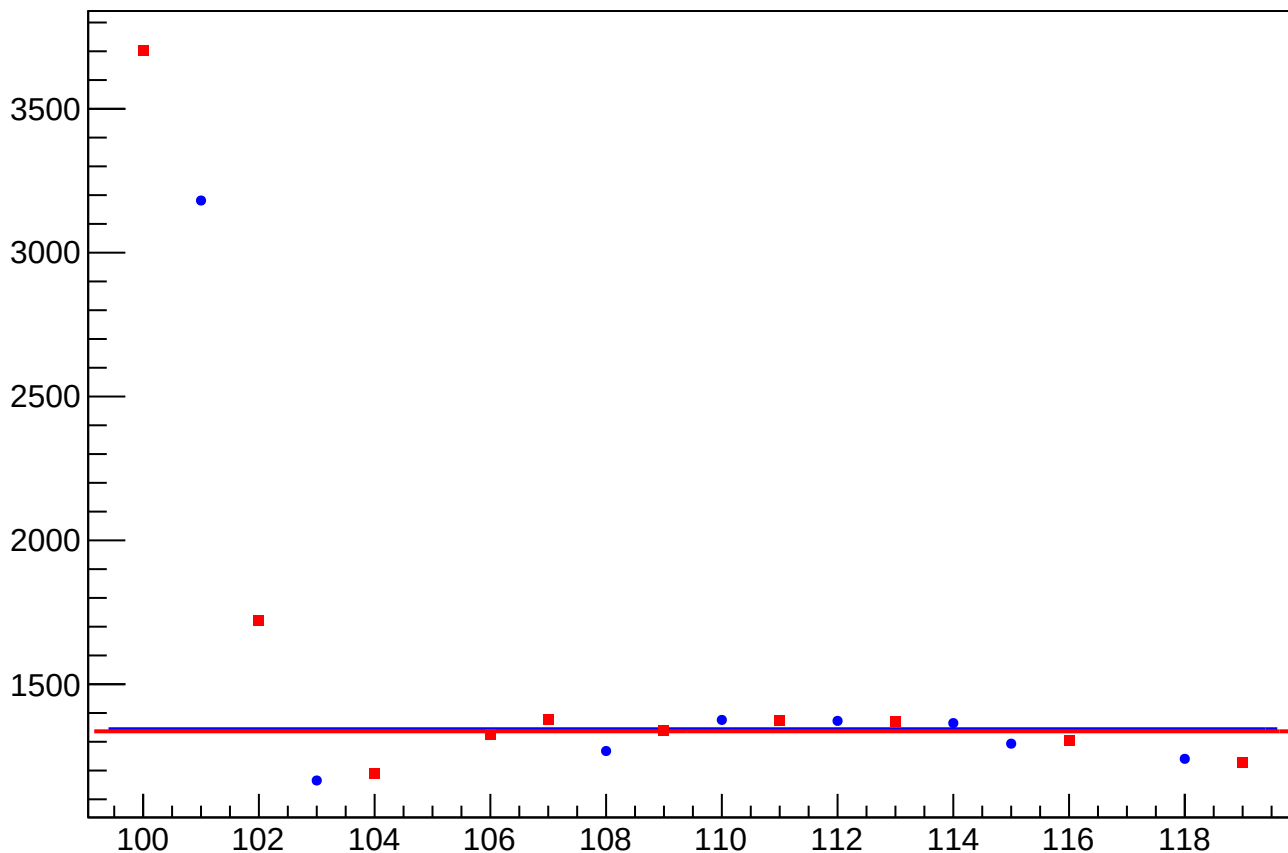
Right: -700.350+/-511.423 χ^2/NDF : 16.5/17

In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.350+/-511.423 χ^2/NDF : 16.5/17

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

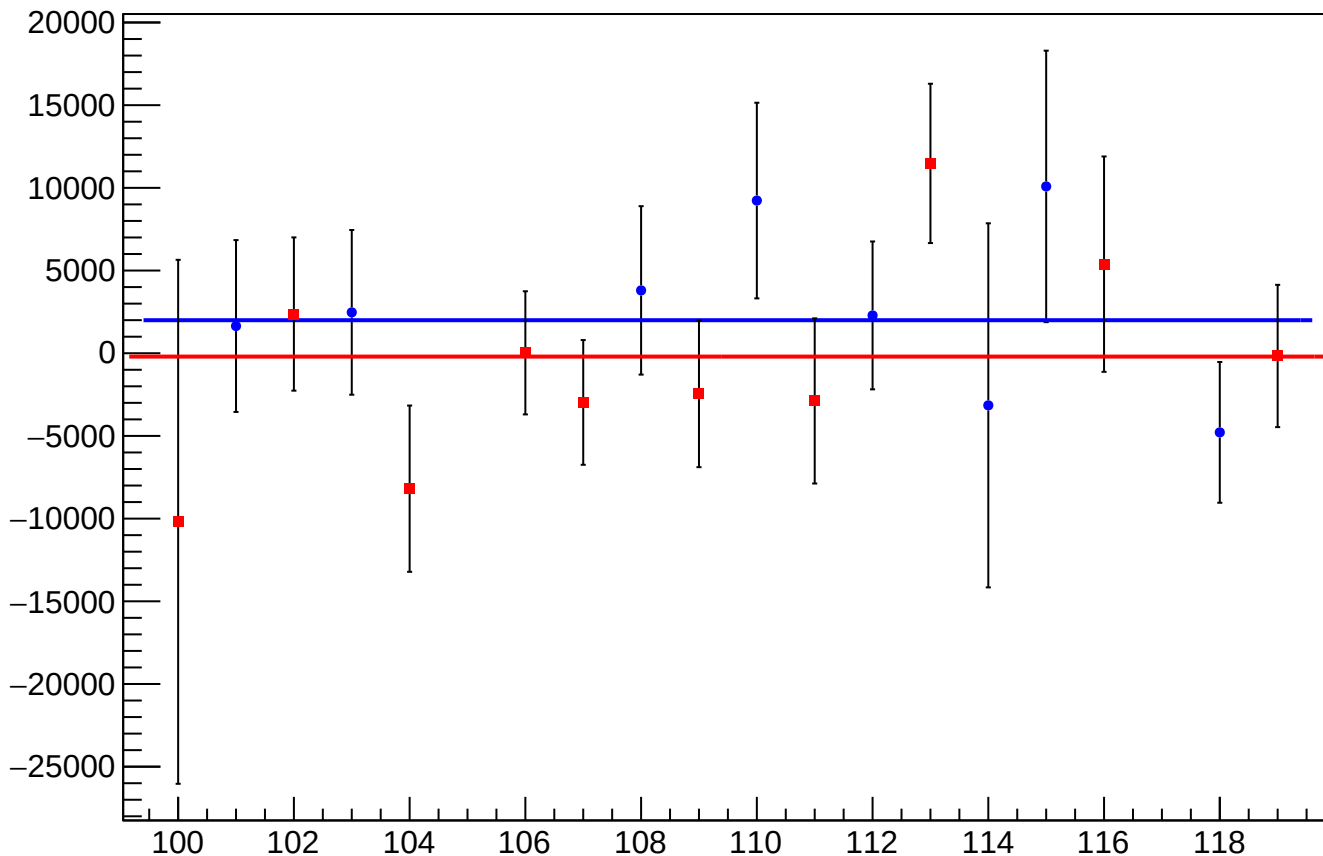
Right: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

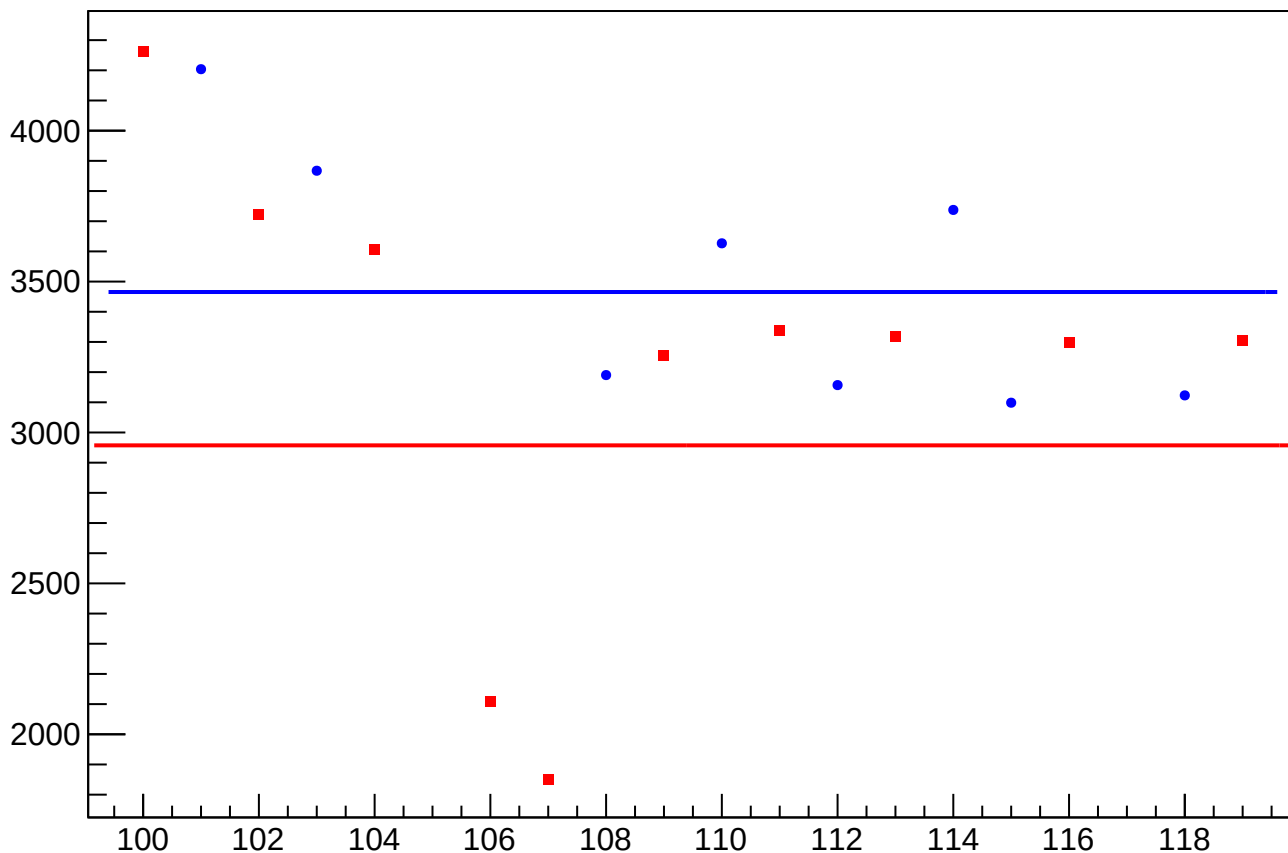
Right: 634.319+/-1180.778 χ^2/NDF : 17.1/17

In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.319+/-1180.778 χ^2/NDF : 17.1/17

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

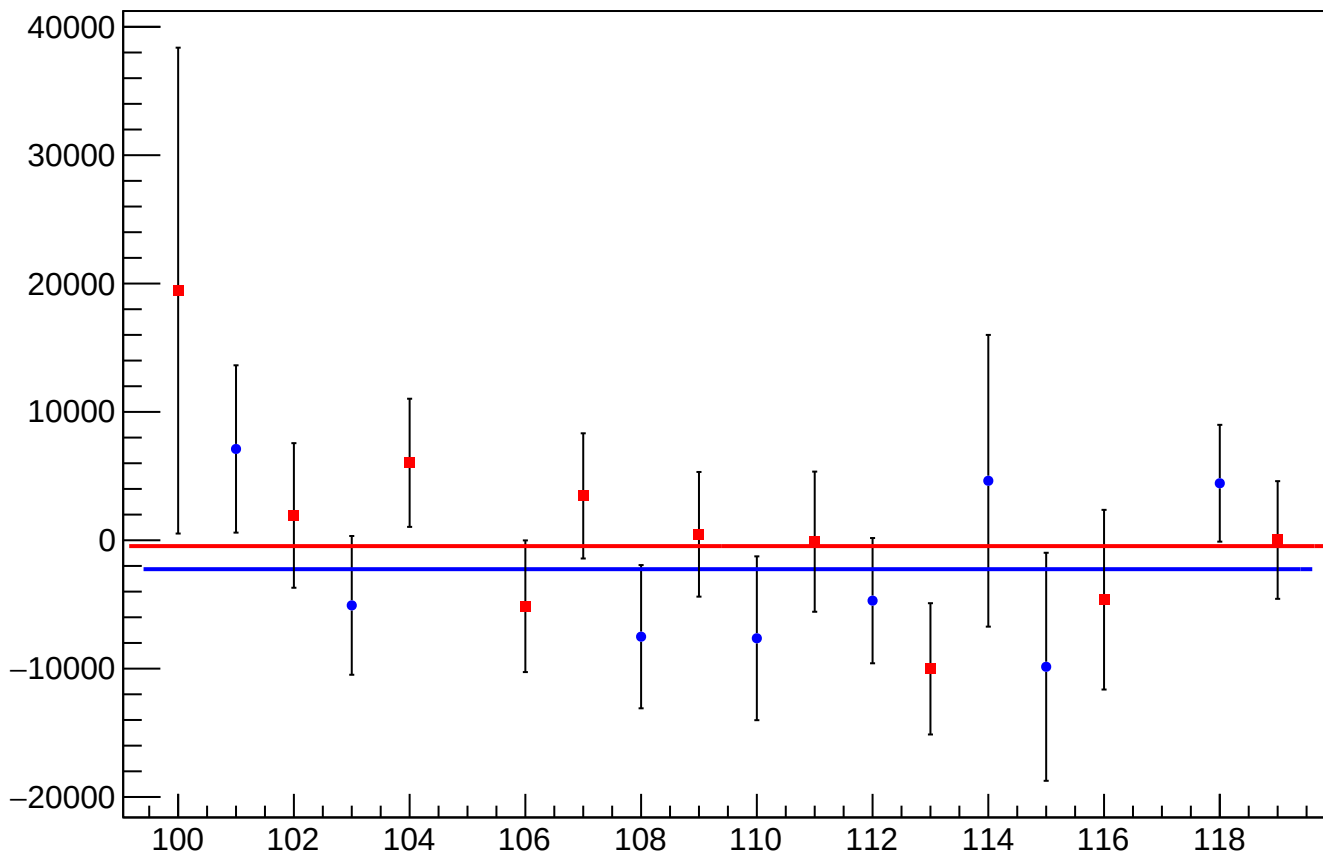
Right: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

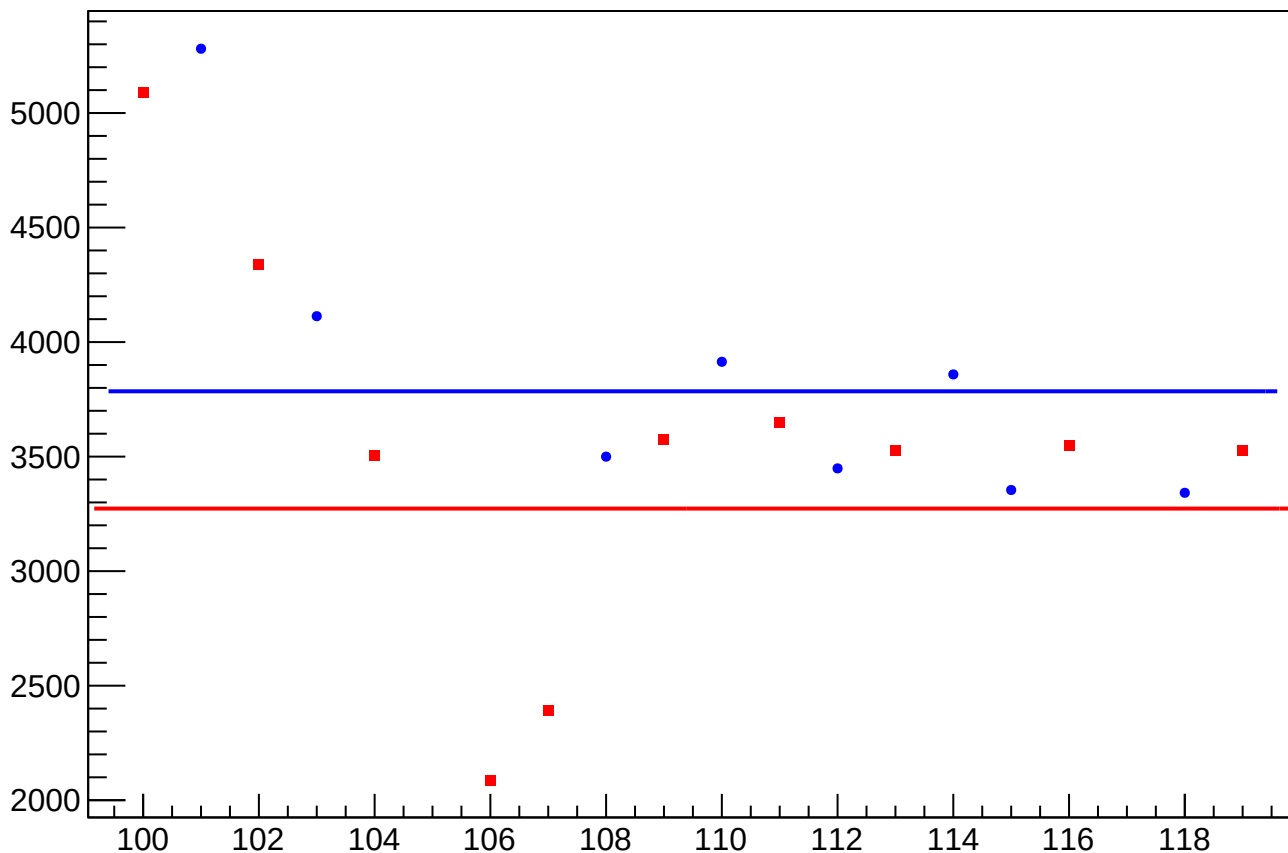
Right: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

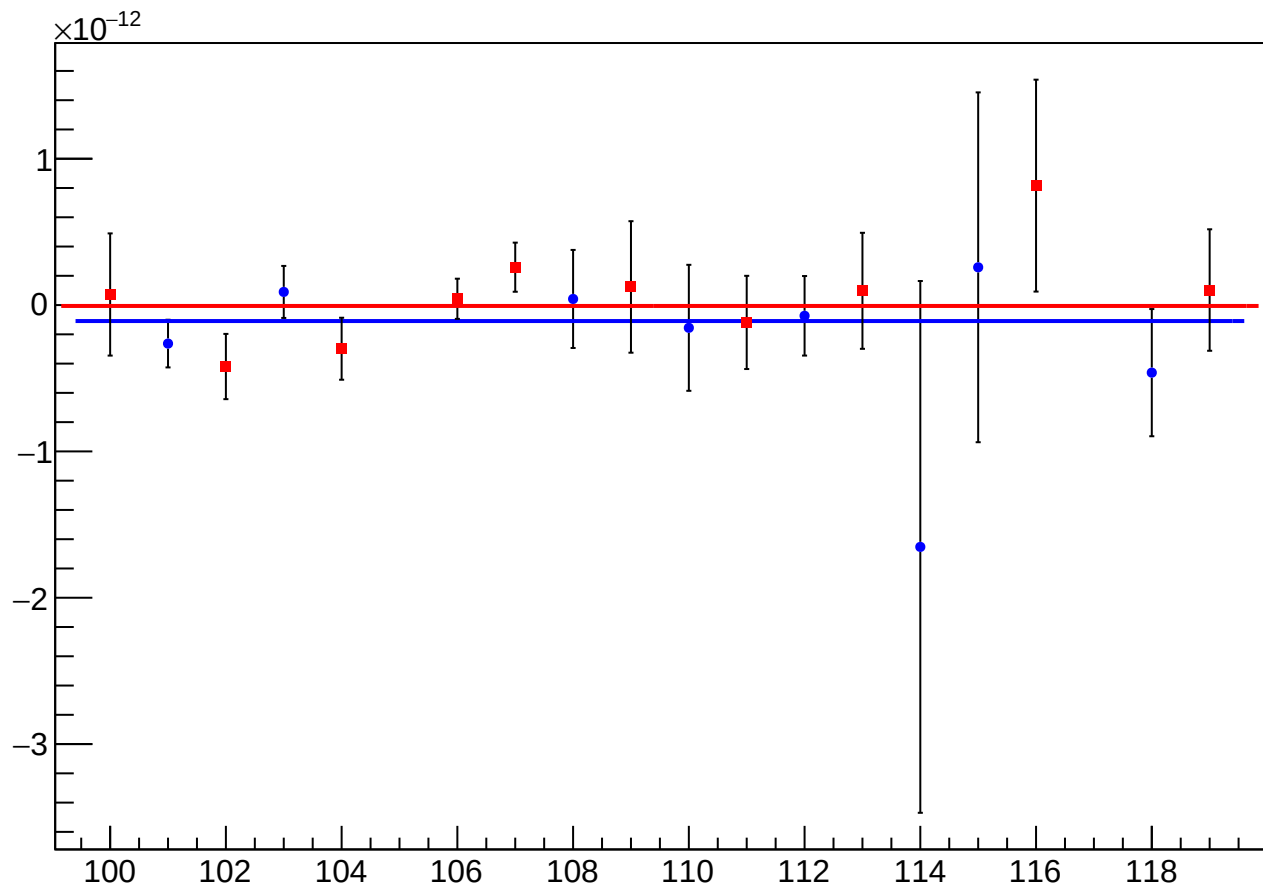
Right: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 9.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

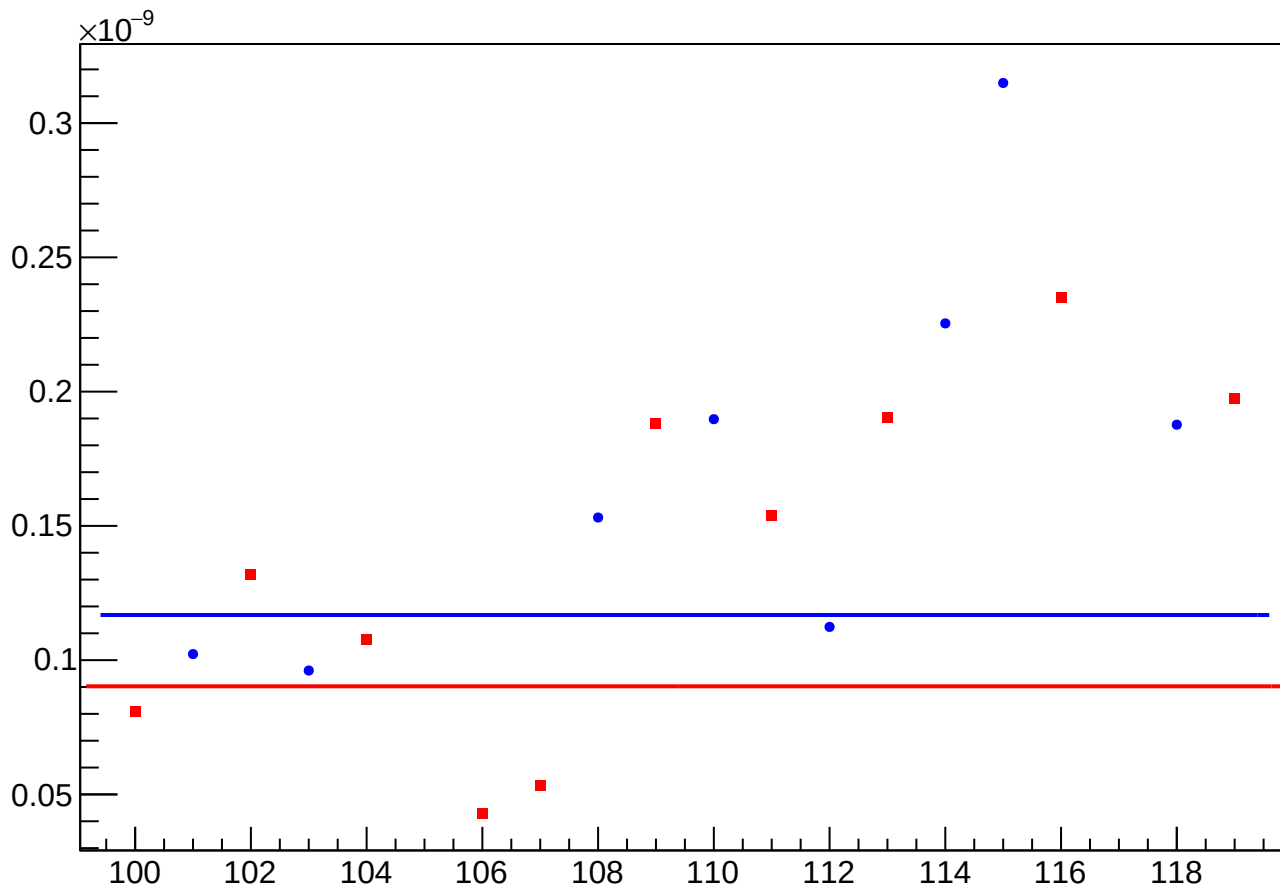
Right: -0.000 ± 0.000 χ^2/NDF : 14.2/17

In: -0.000 ± 0.000 χ^2/NDF : 3.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 14.2/17

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

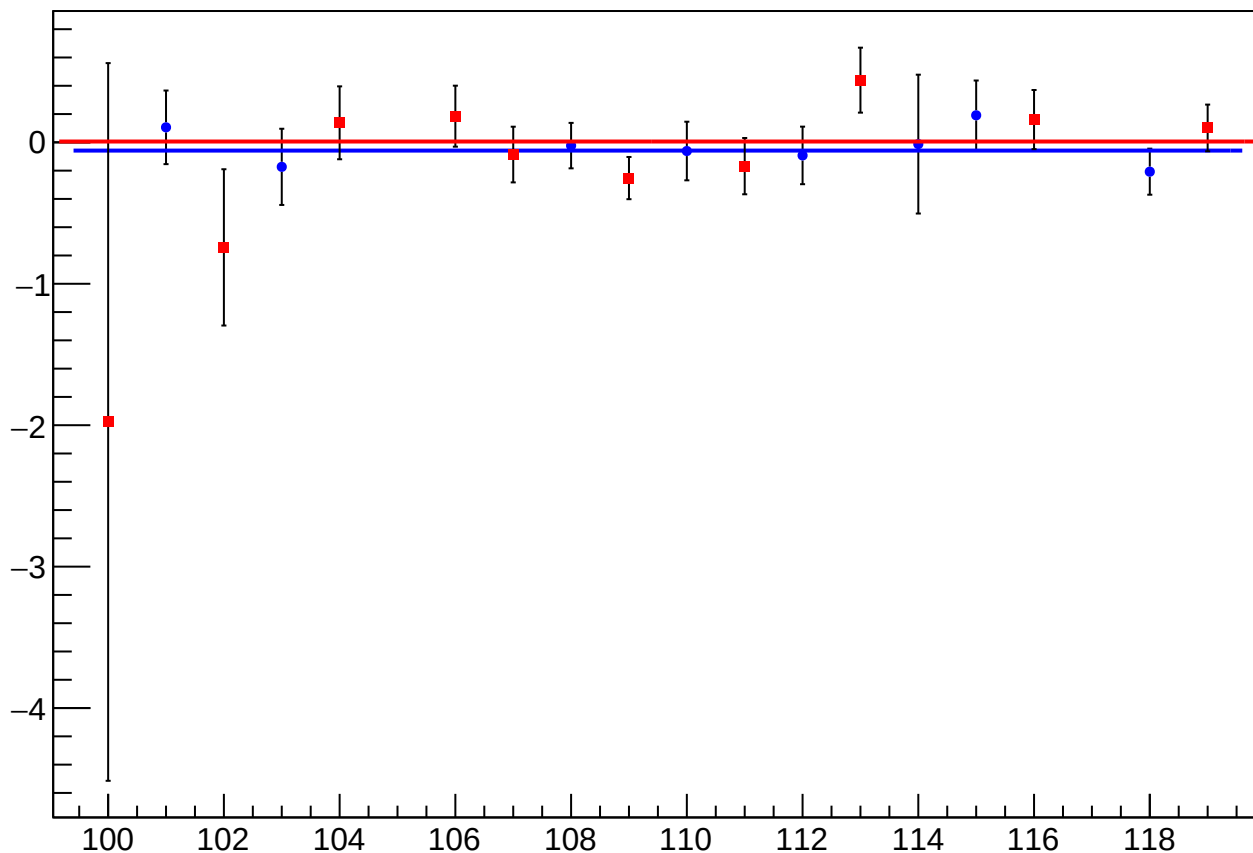
Right: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

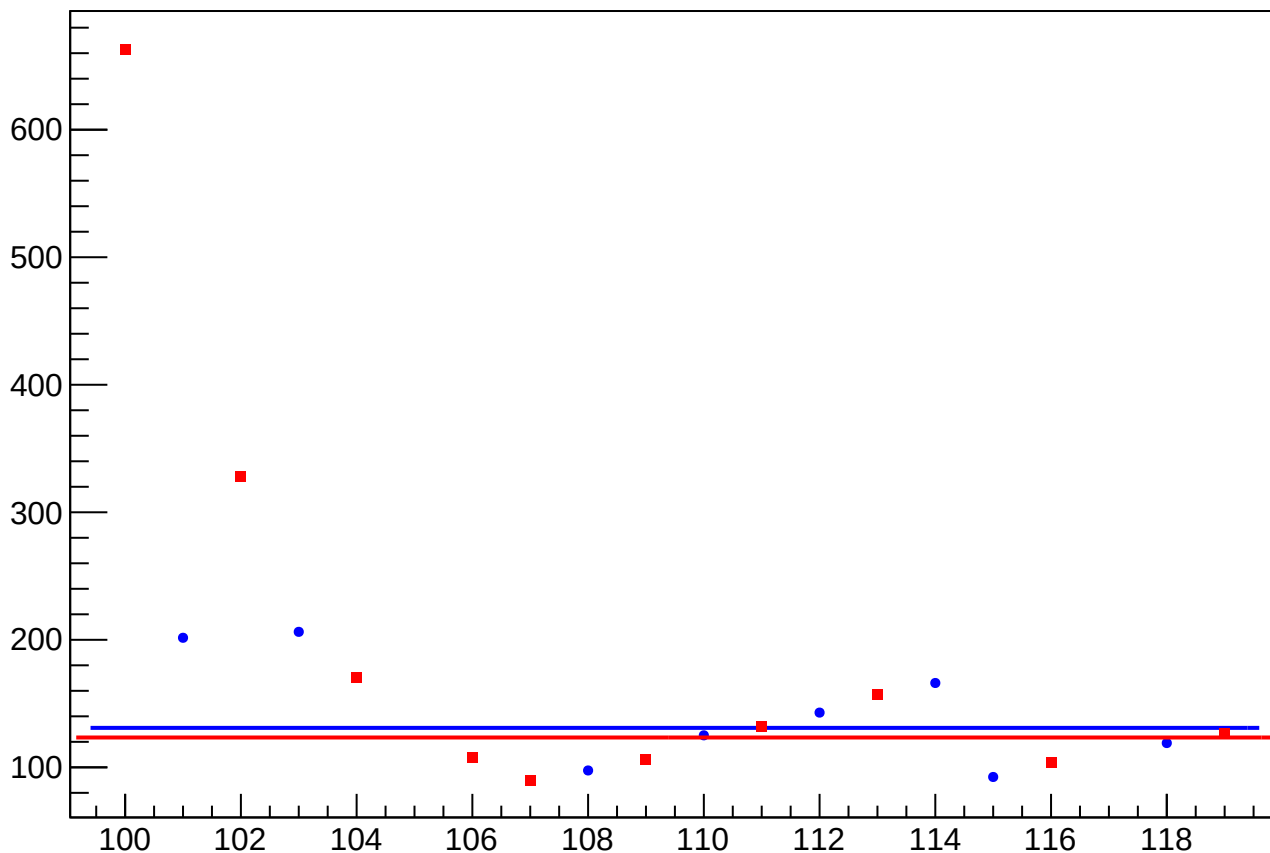
Right: -0.023 ± 0.051 χ^2/NDF : 14.8/17

In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.051 χ^2/NDF : 14.8/17

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

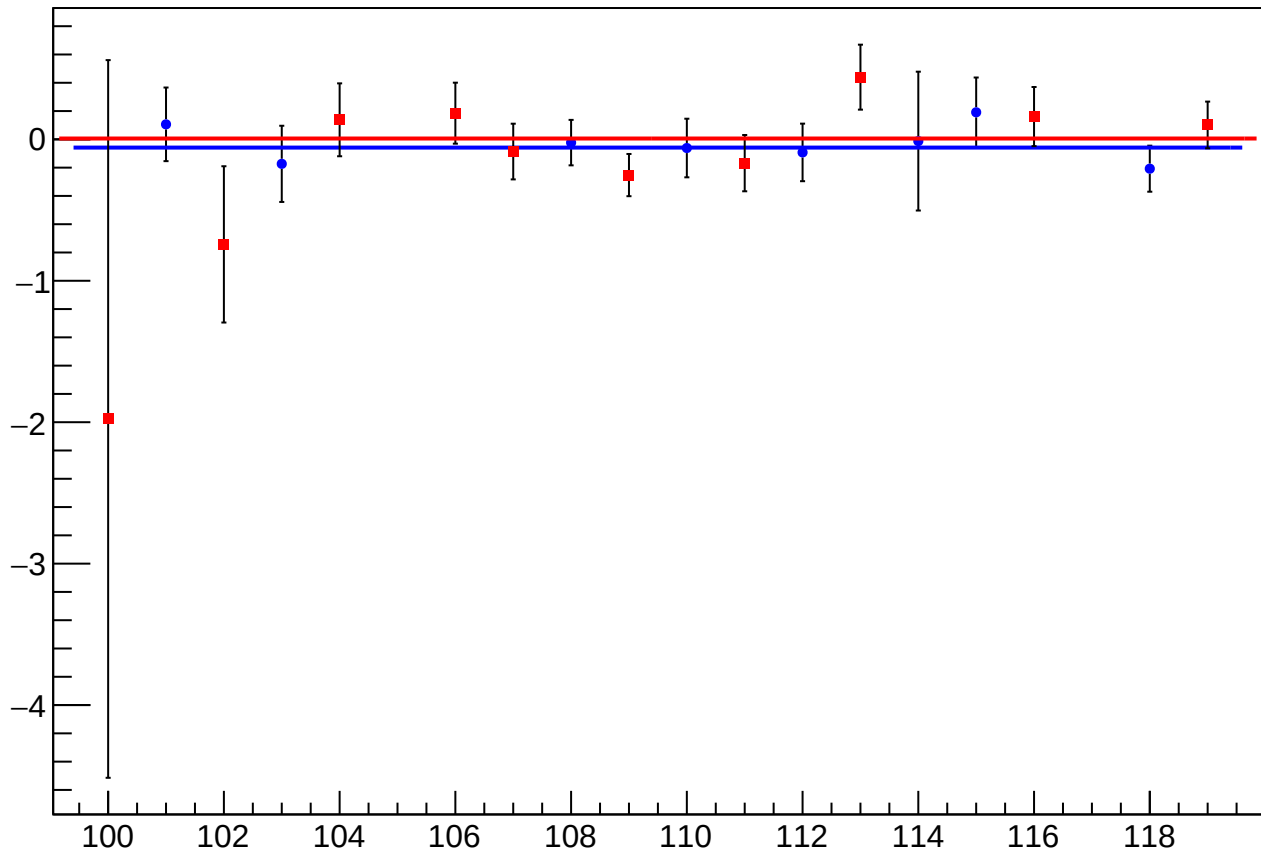
Right: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

In: 130.952+/-0.054 χ^2/NDF :468617.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

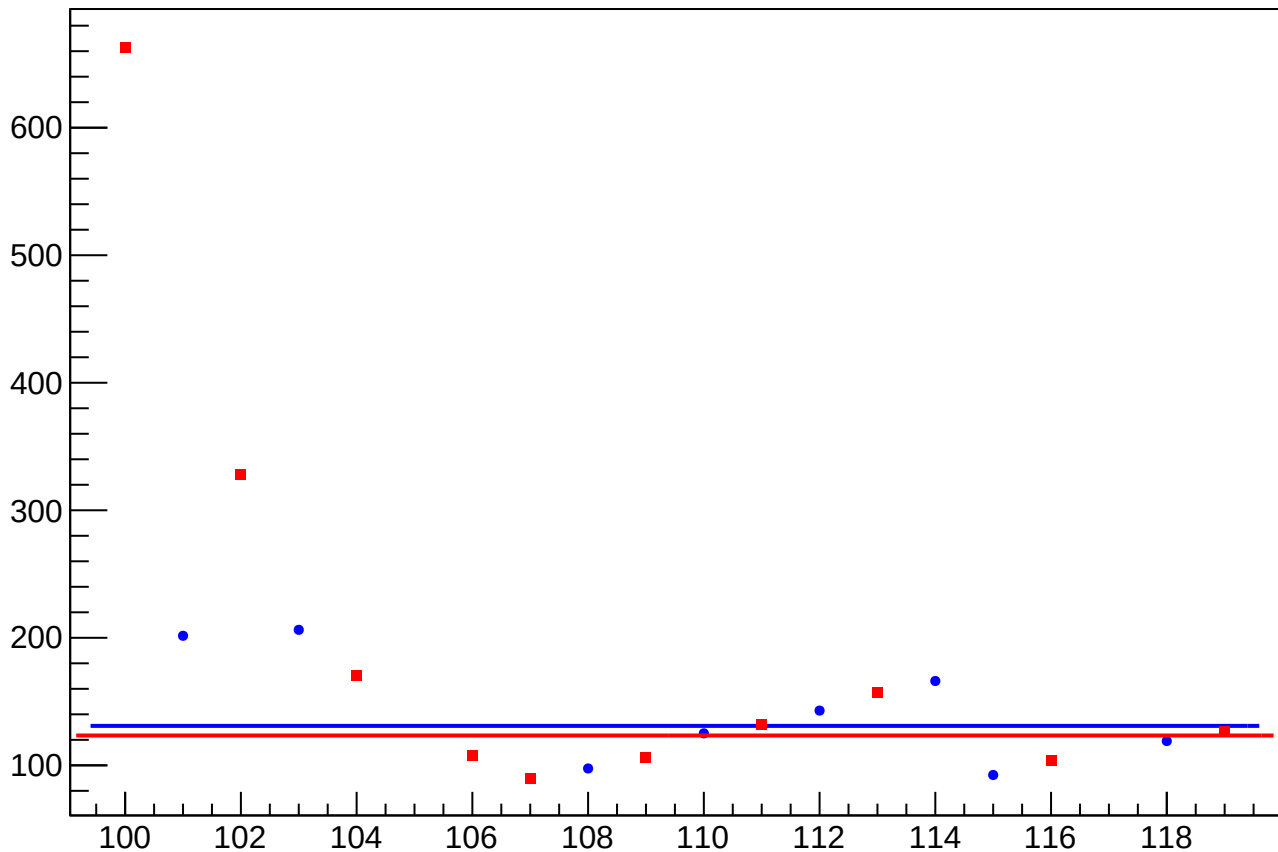
Right: -0.023+/-0.051 χ^2/NDF : 14.8/17

In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.051 χ^2/NDF : 14.8/17

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

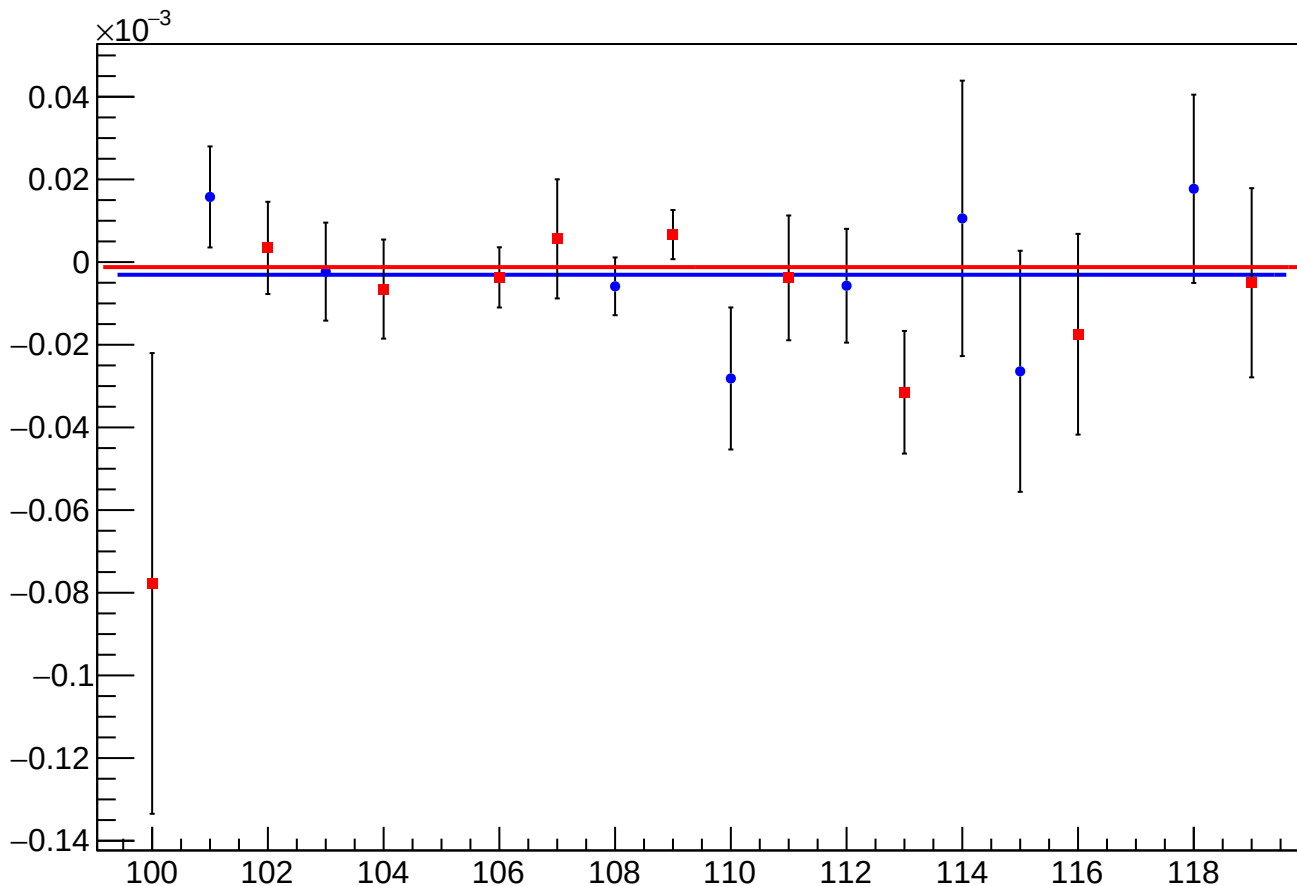
Right: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

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 : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

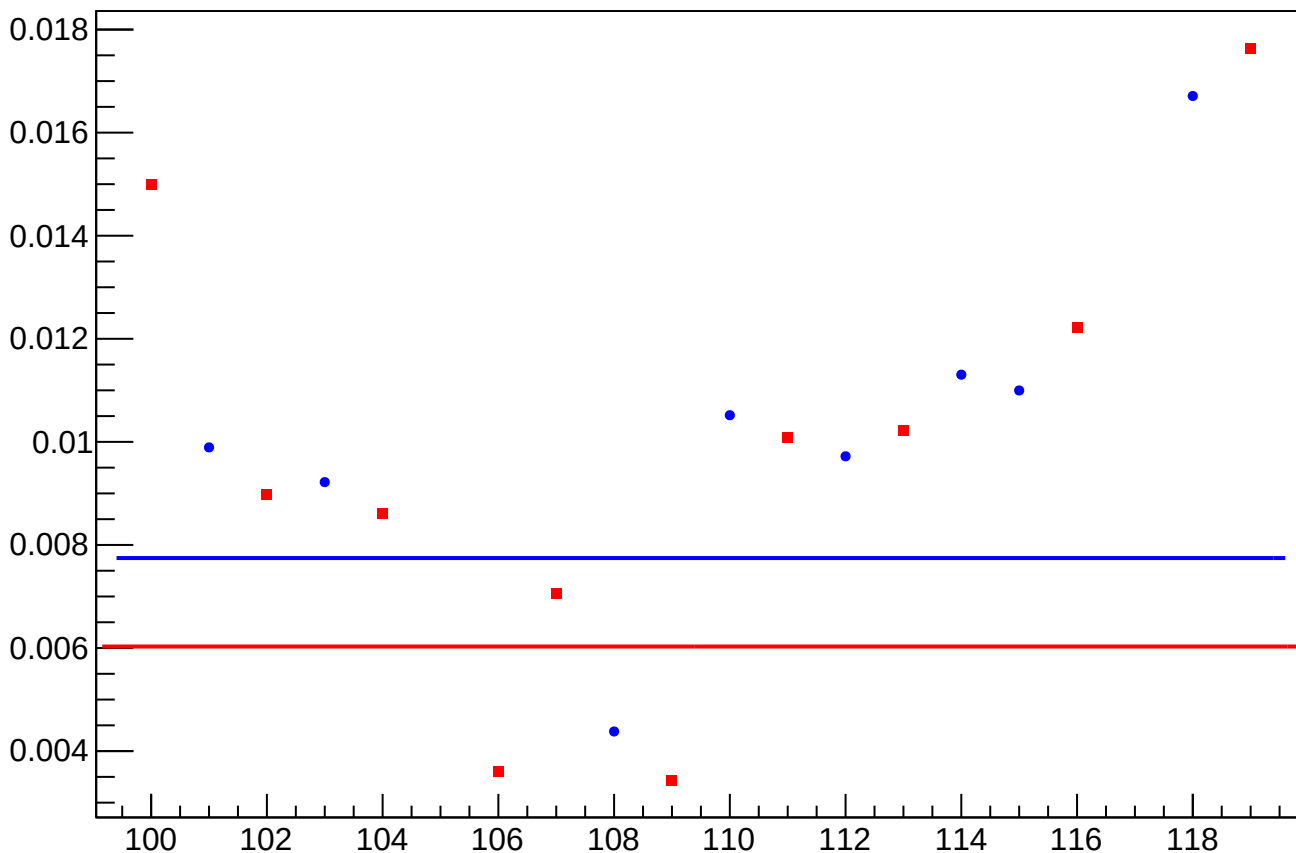
Right: -0.000+/-0.000 χ^2/NDF : 15.5/17

In: -0.000+/-0.000 χ^2/NDF :6.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/17

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1007561.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

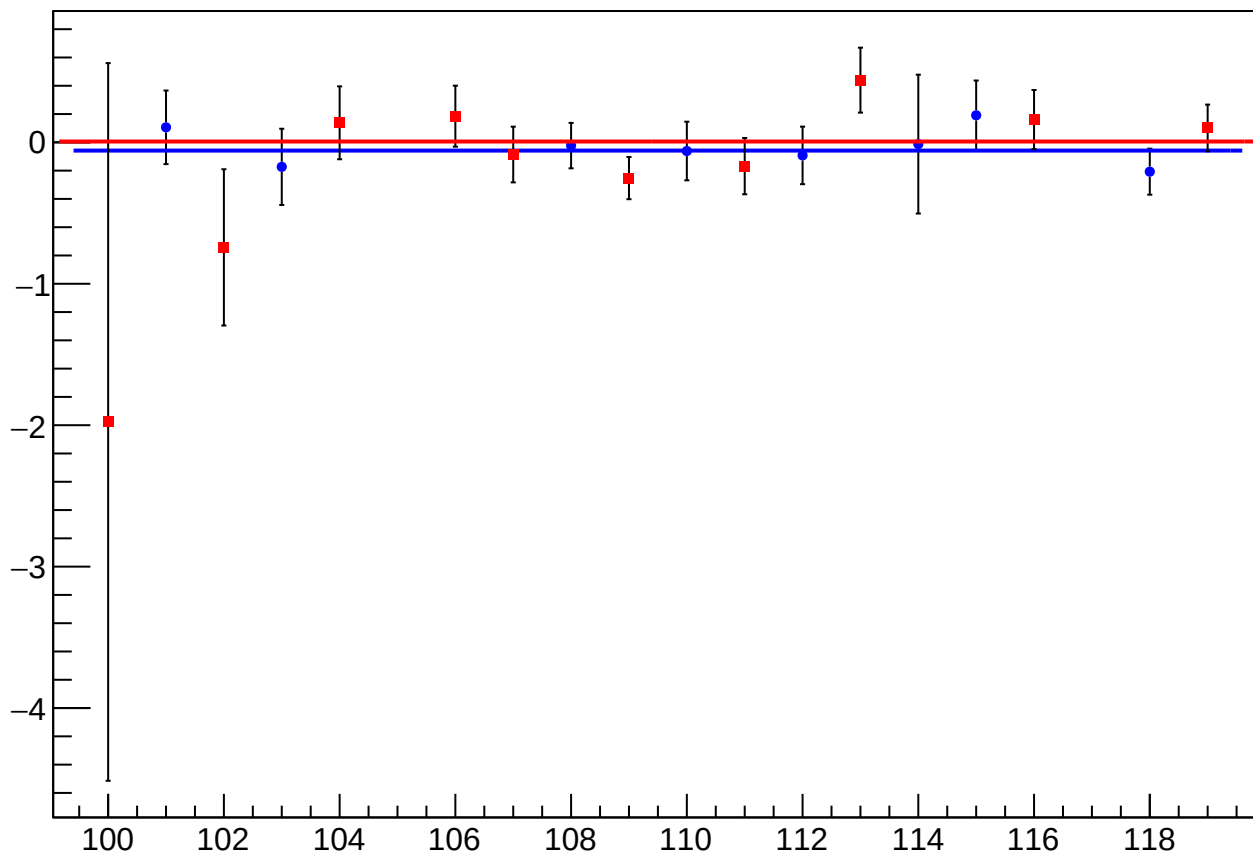
Right: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

In: 0.008+/-0.000 χ^2/NDF :1007561.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 $\pm$ 0.076 χ^2 /NDF: 2.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.068 χ^2 /NDF: 11.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

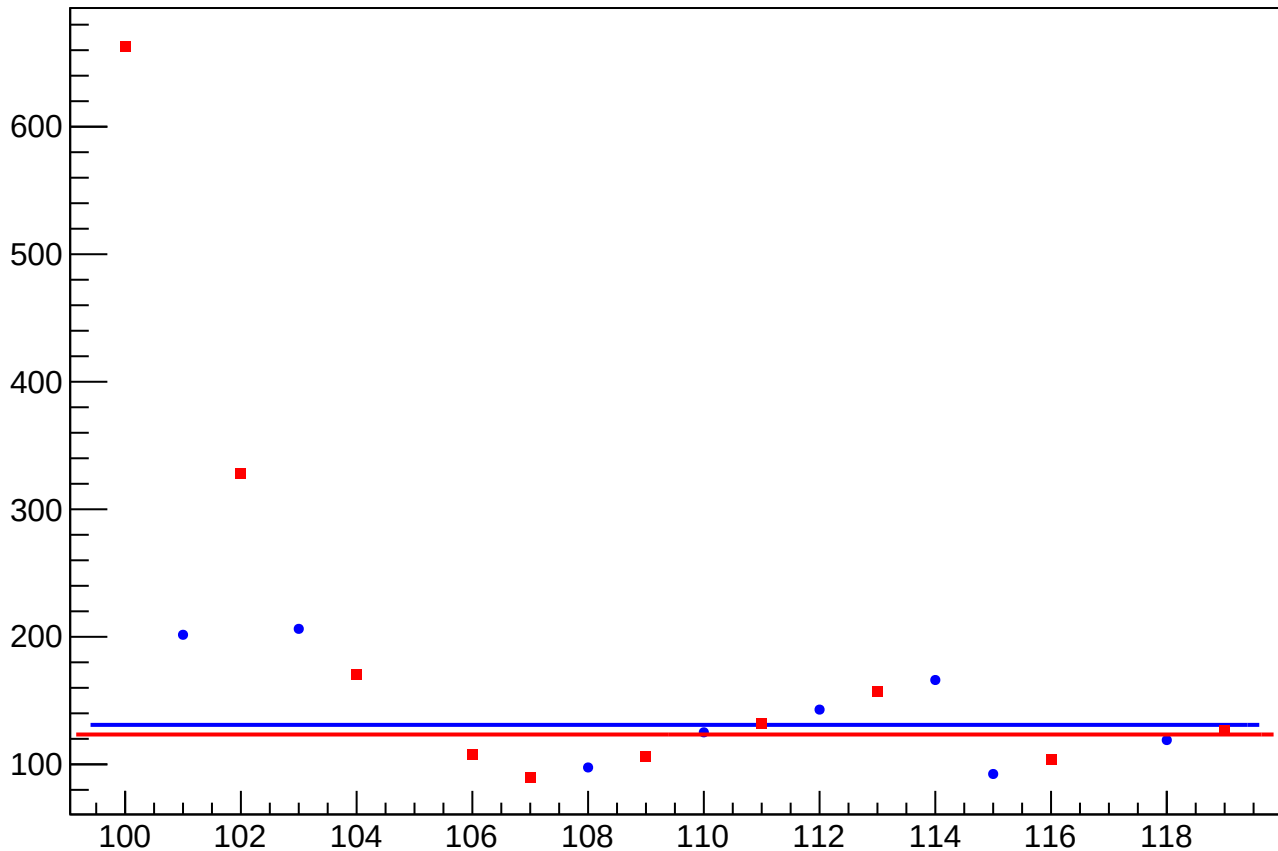
Right: -0.023 $\pm$ 0.051 χ^2 /NDF: 14.8/17

In: -0.058 $\pm$ 0.076 χ^2 /NDF:2.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.051 χ^2 /NDF: 14.8/17

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

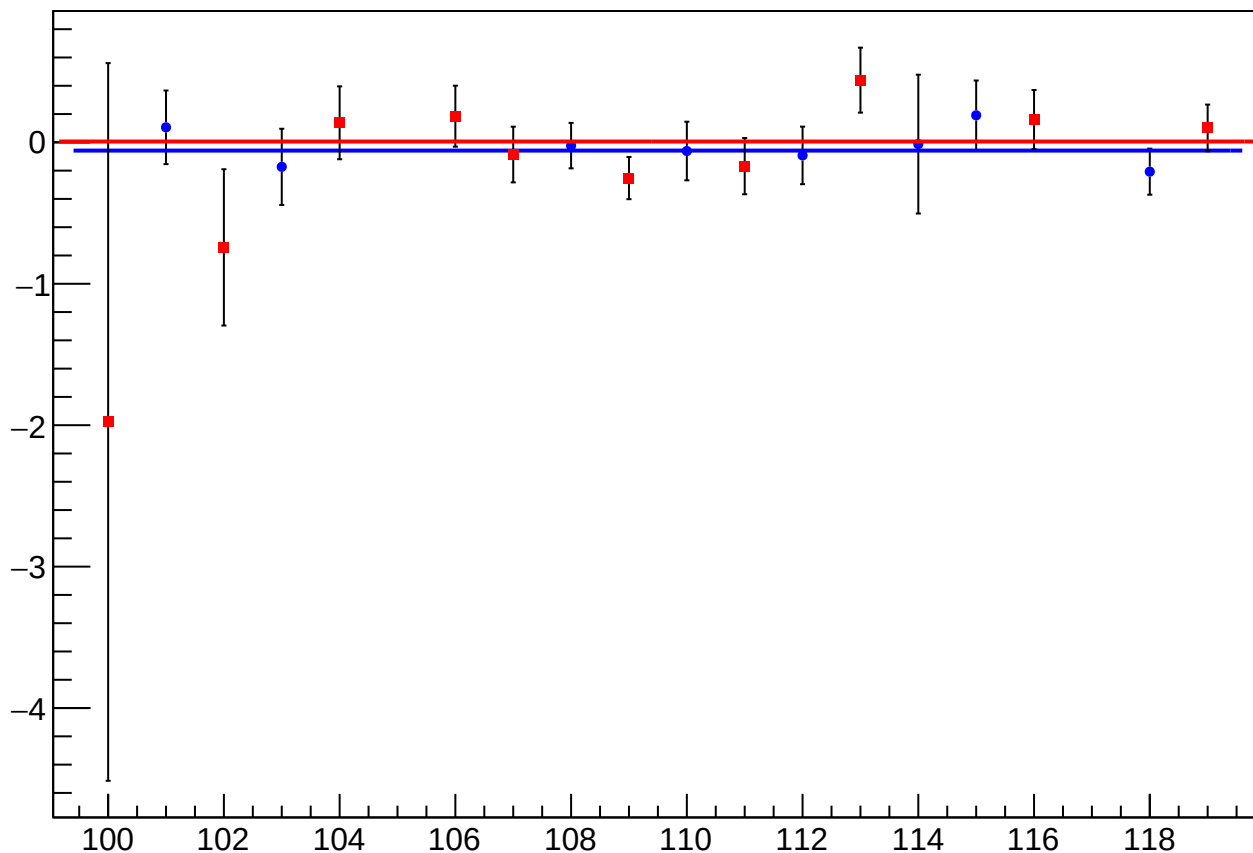
Right: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

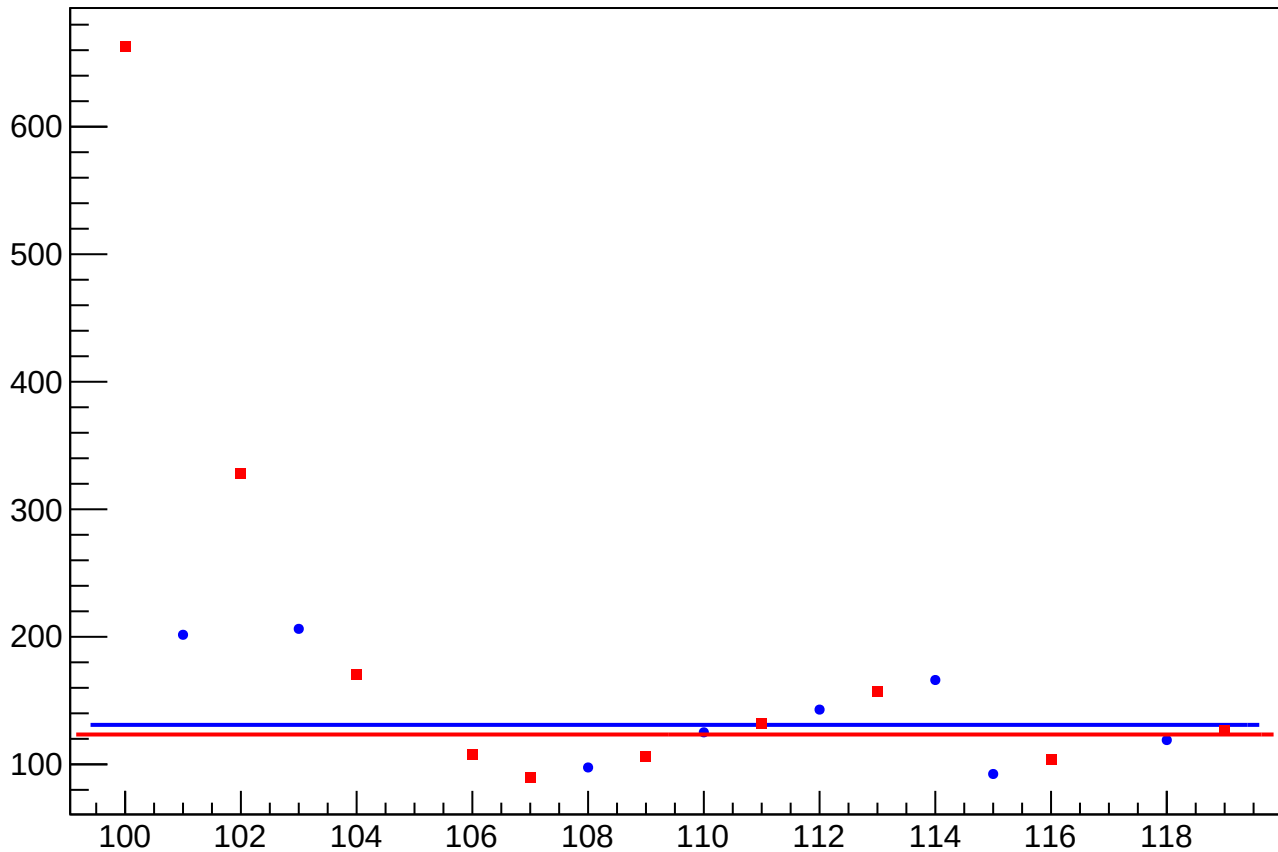
Right: -0.023+/-0.051 χ^2/NDF : 14.8/17

In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.051 χ^2/NDF : 14.8/17

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952 $\pm$ 0.054 χ^2 /NDF: 468584.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.403 $\pm$ 0.048 χ^2 /NDF: 592687.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

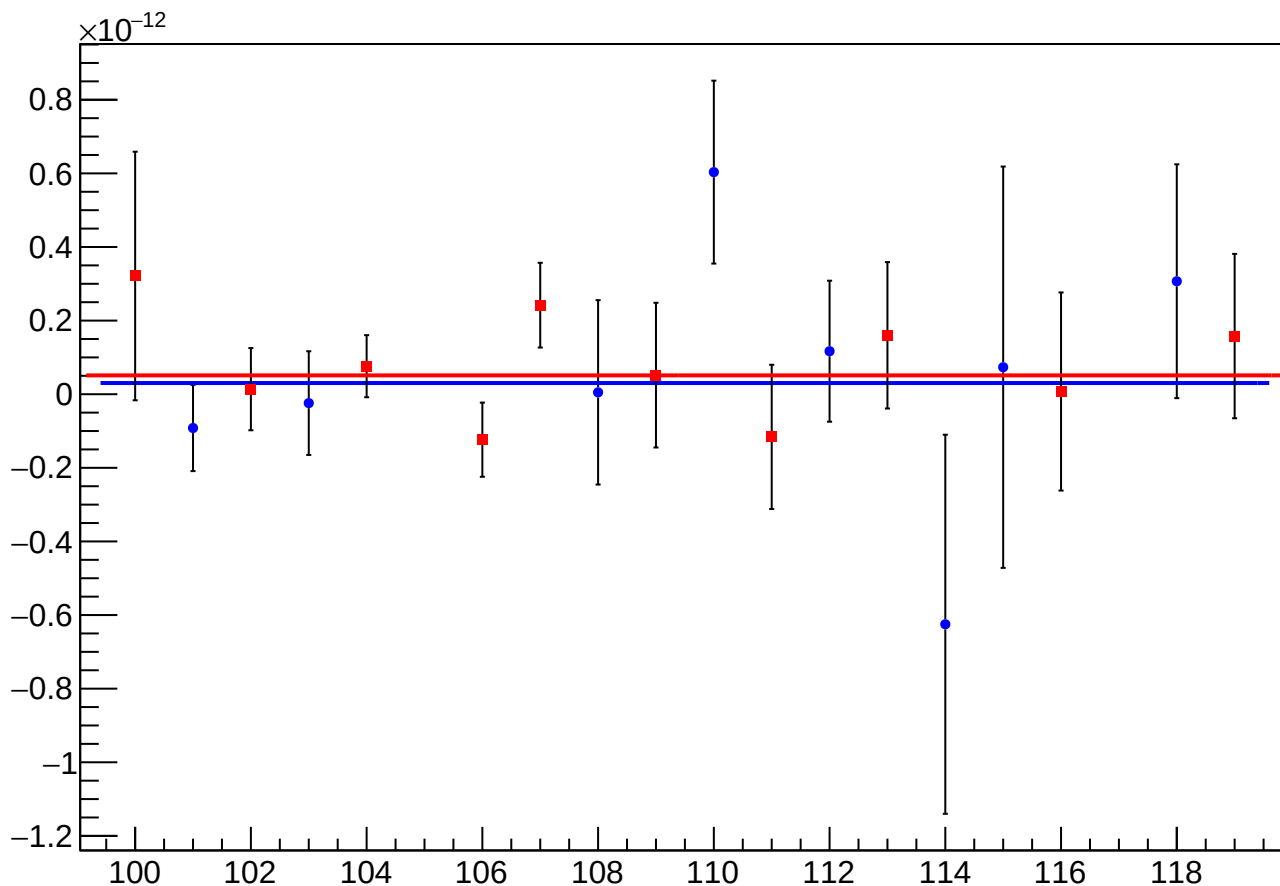
Right: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

In: 130.952 $\pm$ 0.054 χ^2 /NDF:468584.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

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 : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

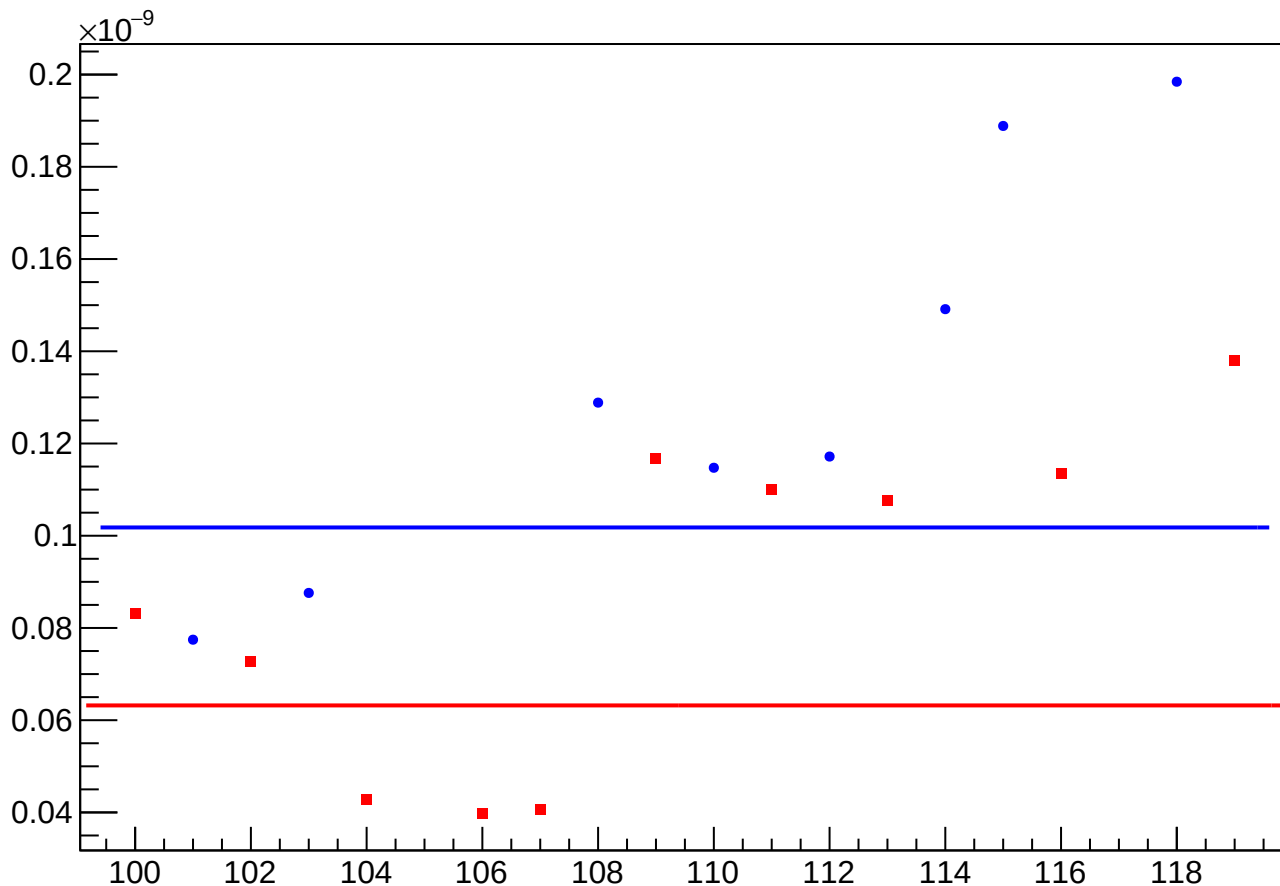
Right: 0.000+/-0.000 χ^2/NDF : 17.1/17

In: 0.000+/-0.000 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/17

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 : 401403.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

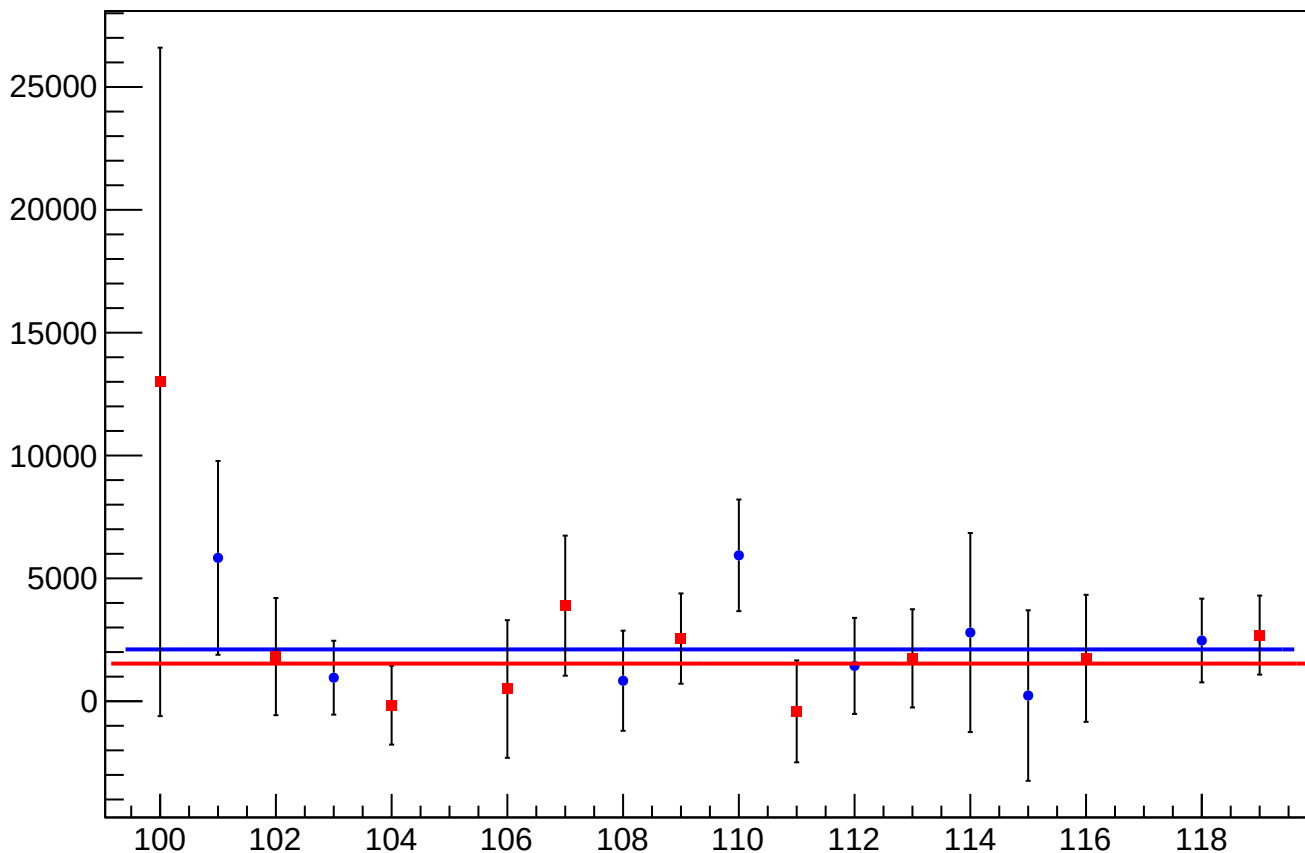
Right: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

In: 0.000+/-0.000 χ^2/NDF : 401403.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2108.566+/-768.910 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.967+/-684.559 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

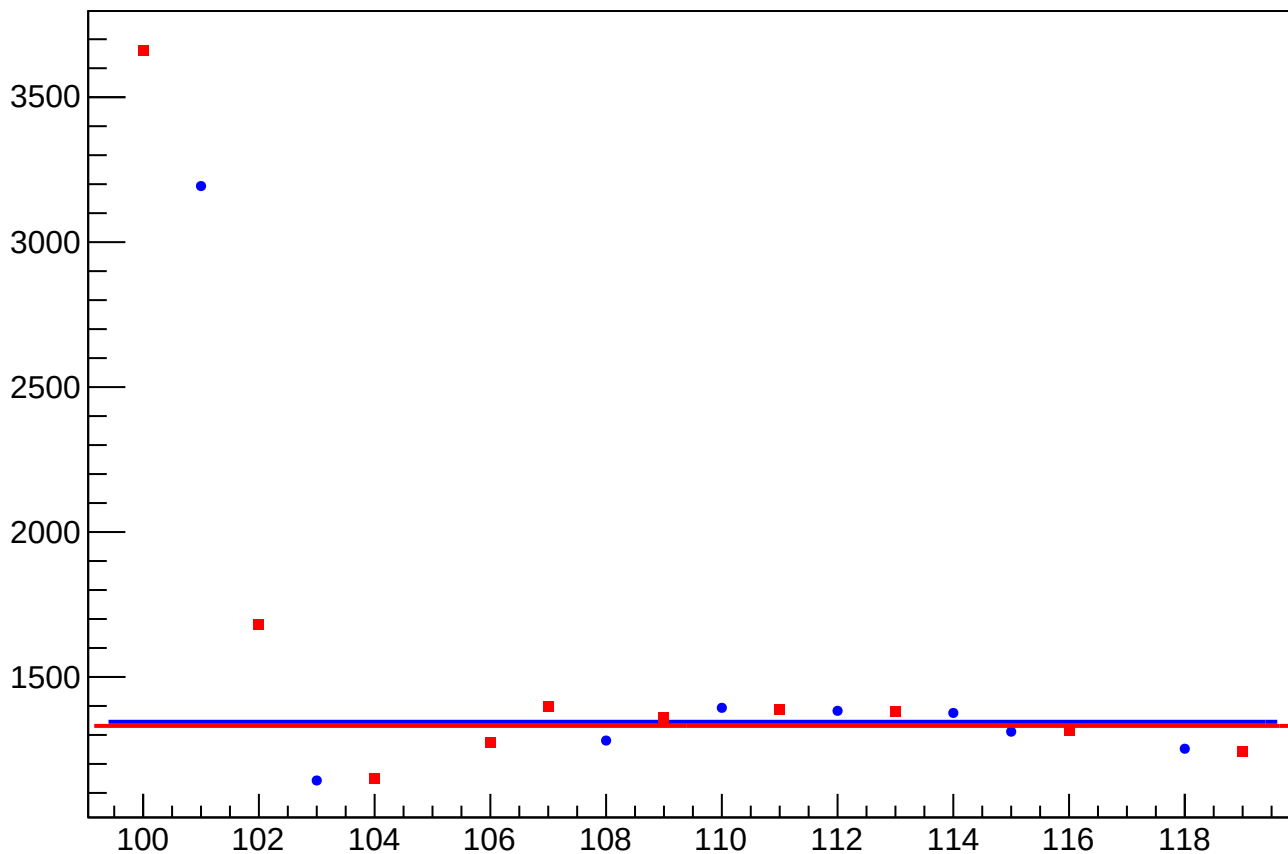
Right: 1786.359+/-511.288 χ^2/NDF : 9.9/17

In: 2108.566+/-768.910 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1786.359+/-511.288 χ^2/NDF : 9.9/17

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1345.396+/-0.544 χ^2/NDF : 485482.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1331.184+/-0.482 χ^2/NDF : 138278.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

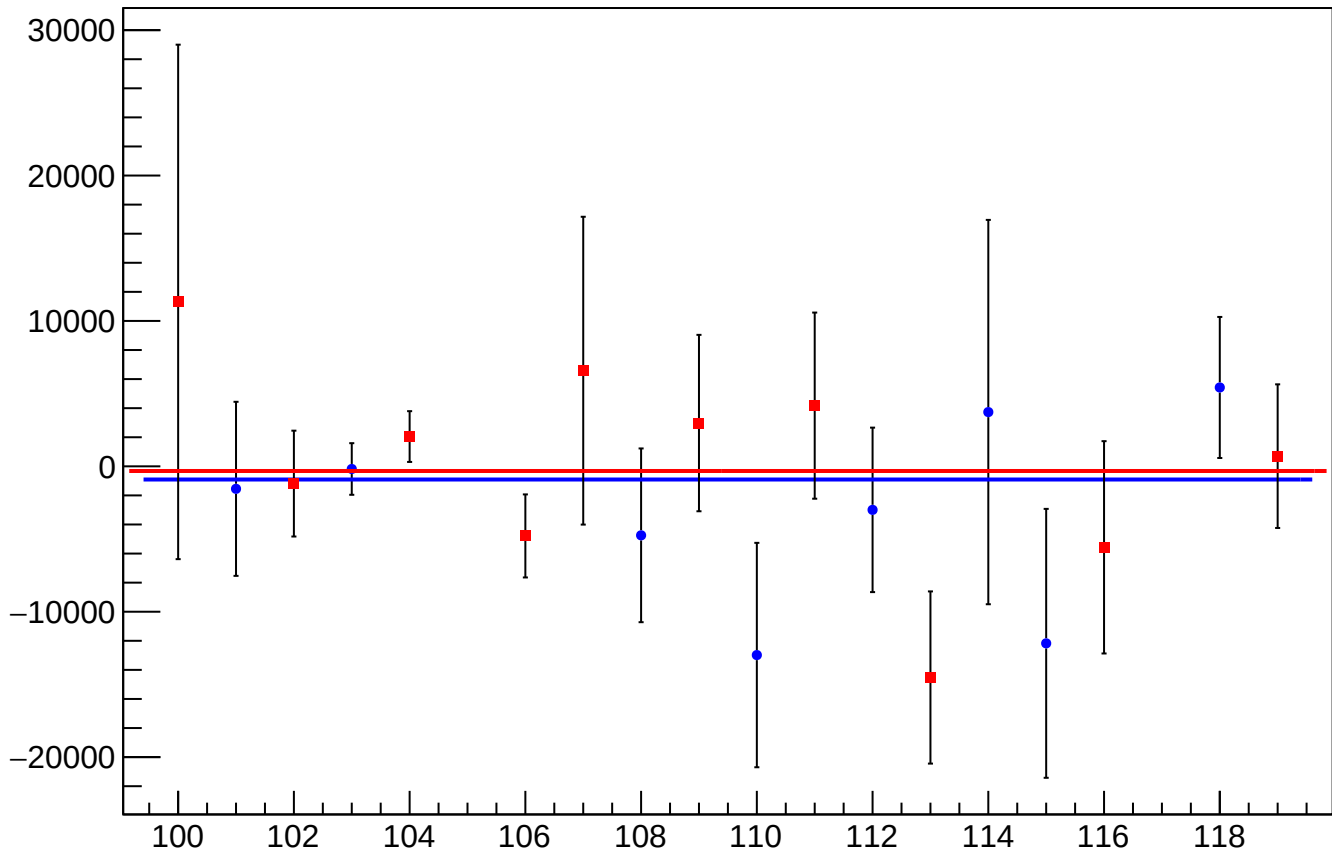
Right: 1337.432+/-0.360 χ^2/NDF : 624143.4/17

In: 1345.396+/-0.544 χ^2/NDF : 485482.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1337.432+/-0.360 χ^2/NDF : 624143.4/17

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -906.361+/-1441.625 χ^2/NDF : 6.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -320.440+/-1214.441 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

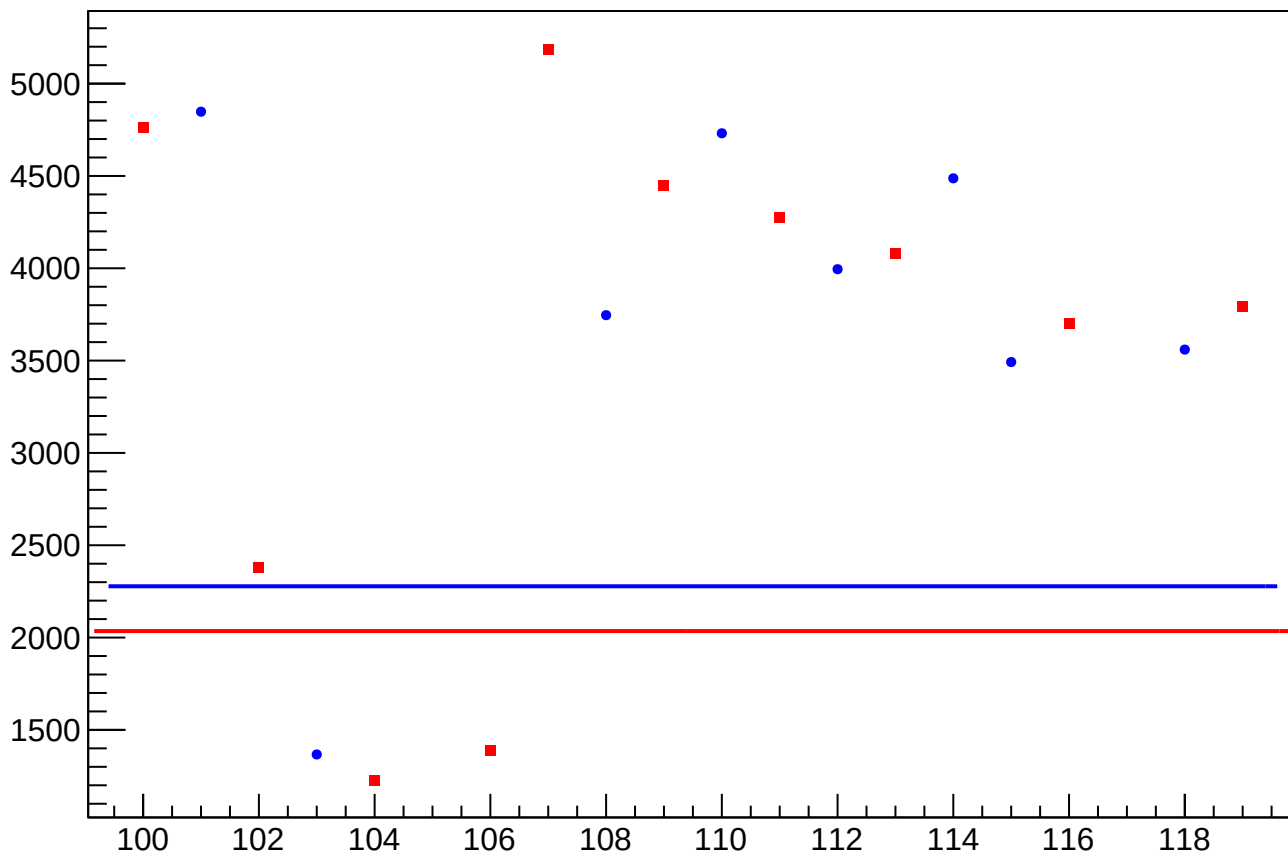
Right: -563.648+/-928.800 χ^2/NDF : 18.9/17

In: -906.361+/-1441.625 χ^2/NDF : 6.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -563.648+/-928.800 χ^2/NDF : 18.9/17

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2277.788+/-1.019 χ^2/NDF : 1632687.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2035.248+/-0.859 χ^2/NDF : 1933625.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

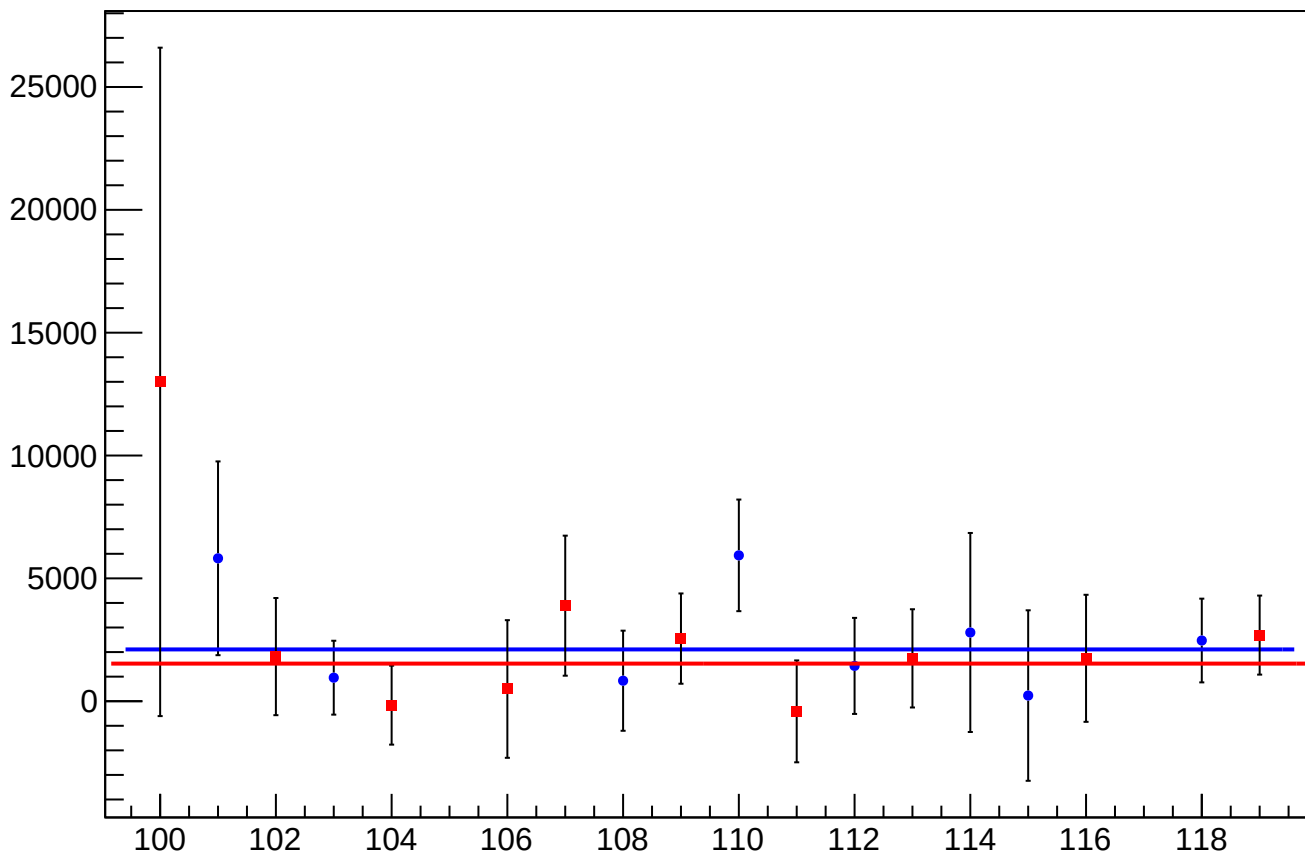
Right: 2135.923+/-0.657 χ^2/NDF : 3599425.1/17

In: 2277.788+/-1.019 χ^2/NDF :1632687.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2135.923+/-0.657 χ^2/NDF : 3599425.1/17

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2108.049 $\pm$ 768.910 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1530.623 $\pm$ 684.559 χ^2 /NDF: 4.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

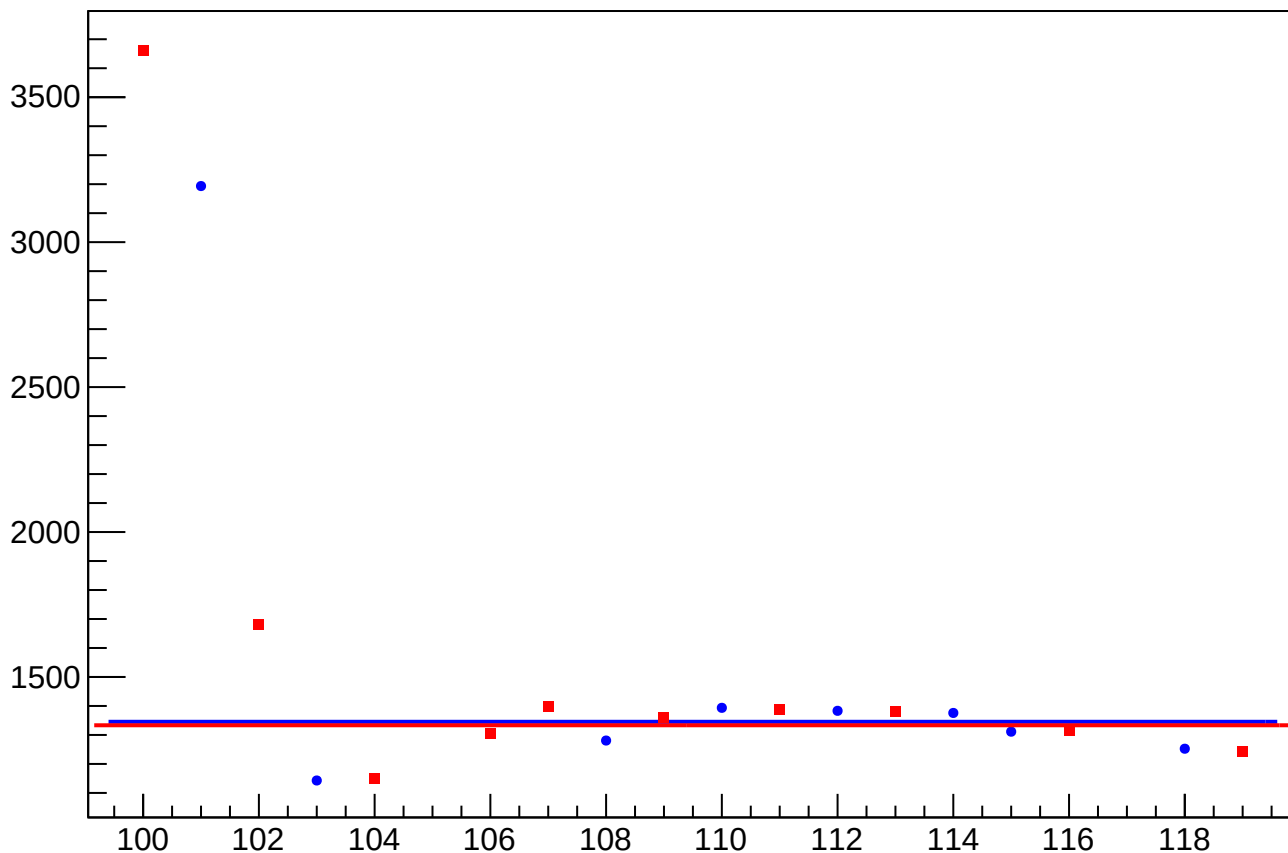
Right: 1785.938 $\pm$ 511.288 χ^2 /NDF: 9.9/17

In: 2108.049 $\pm$ 768.910 χ^2 /NDF: 5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1785.938 $\pm$ 511.288 χ^2 /NDF: 9.9/17

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1345.396+/-0.544 χ^2/NDF : 485483.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1333.385+/-0.482 χ^2/NDF : 137490.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

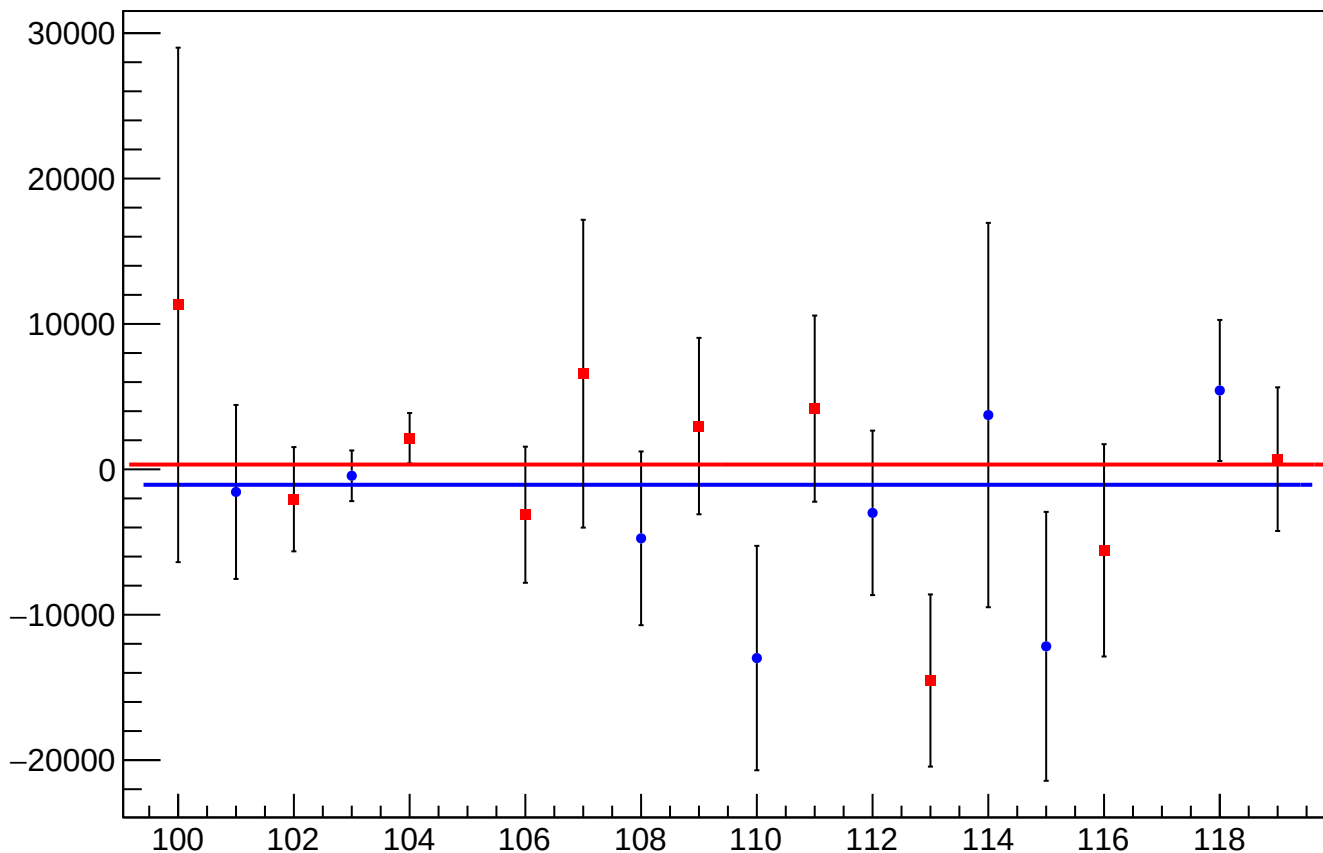
Right: 1338.674+/-0.361 χ^2/NDF : 623247.1/17

In: 1345.396+/-0.544 χ^2/NDF : 485483.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.674+/-0.361 χ^2/NDF : 623247.1/17

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1062.556+/-1423.325 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.990+/-1280.809 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

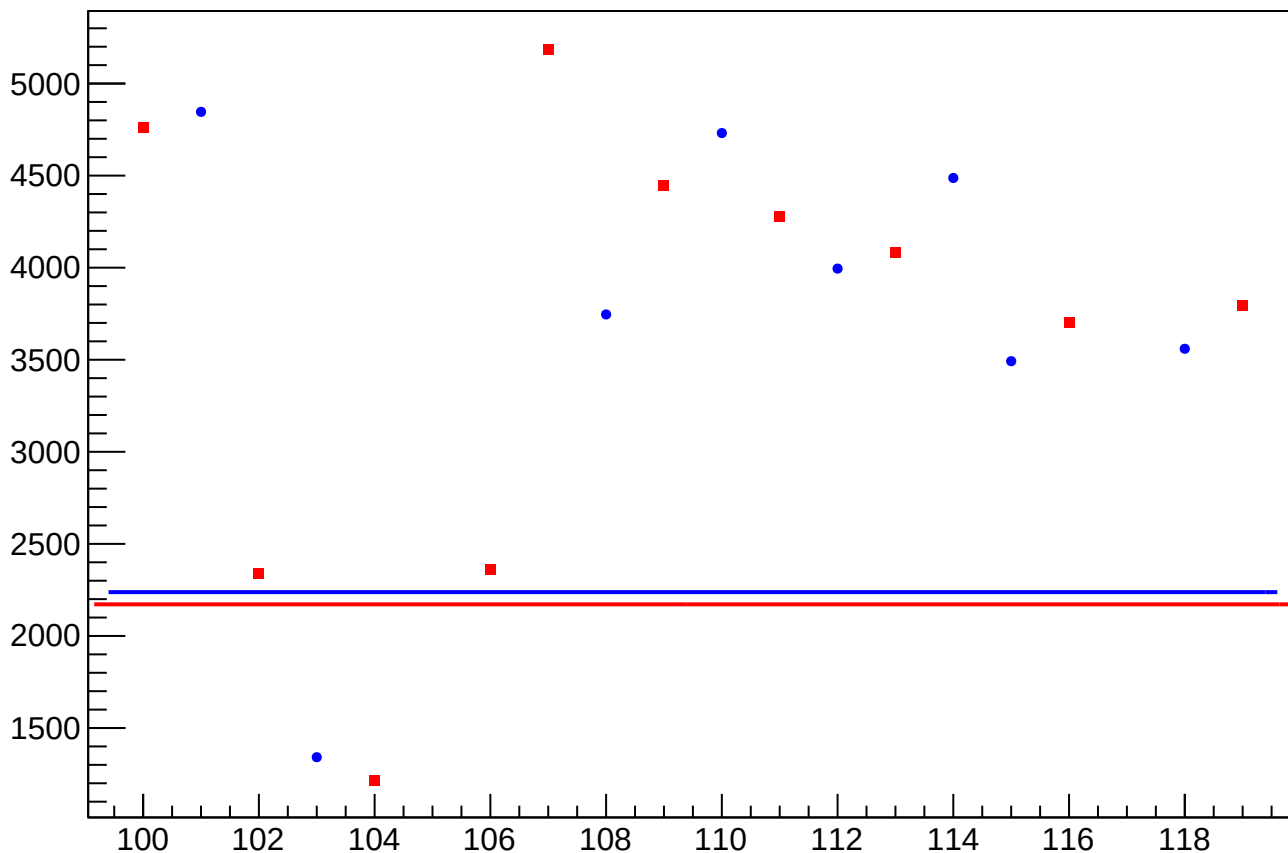
Right: -293.095+/-952.079 χ^2/NDF : 17.2/17

In: -1062.556+/-1423.325 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.095+/-952.079 χ^2/NDF : 17.2/17

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2237.972+/-1.006 χ^2/NDF : 1682280.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.656+/-0.906 χ^2/NDF : 1834656.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

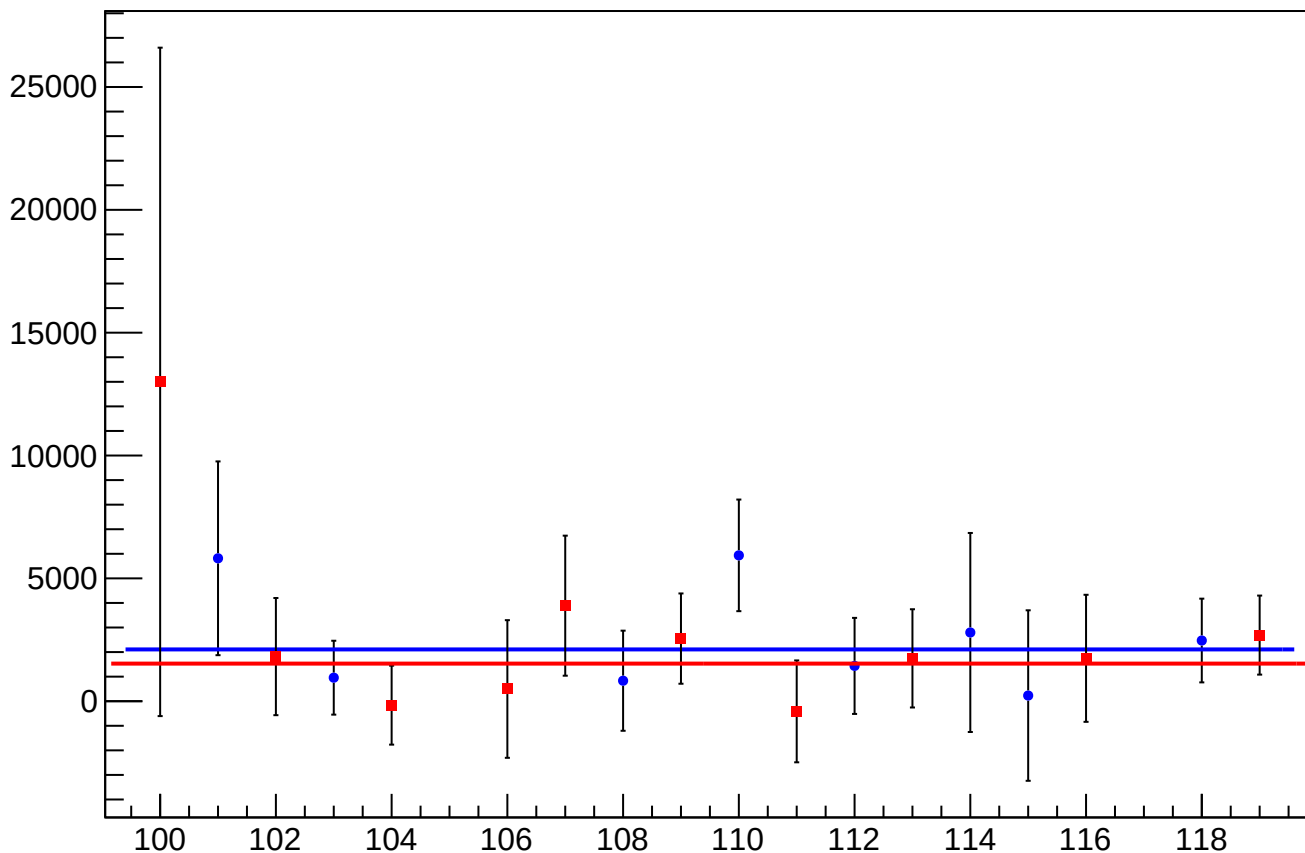
Right: 2201.328+/-0.673 χ^2/NDF : 3519336.1/17

In: 2237.972+/-1.006 χ^2/NDF : 1682280.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.328+/-0.673 χ^2/NDF : 3519336.1/17

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2108.049+/-768.910 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1530.623+/-684.559 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

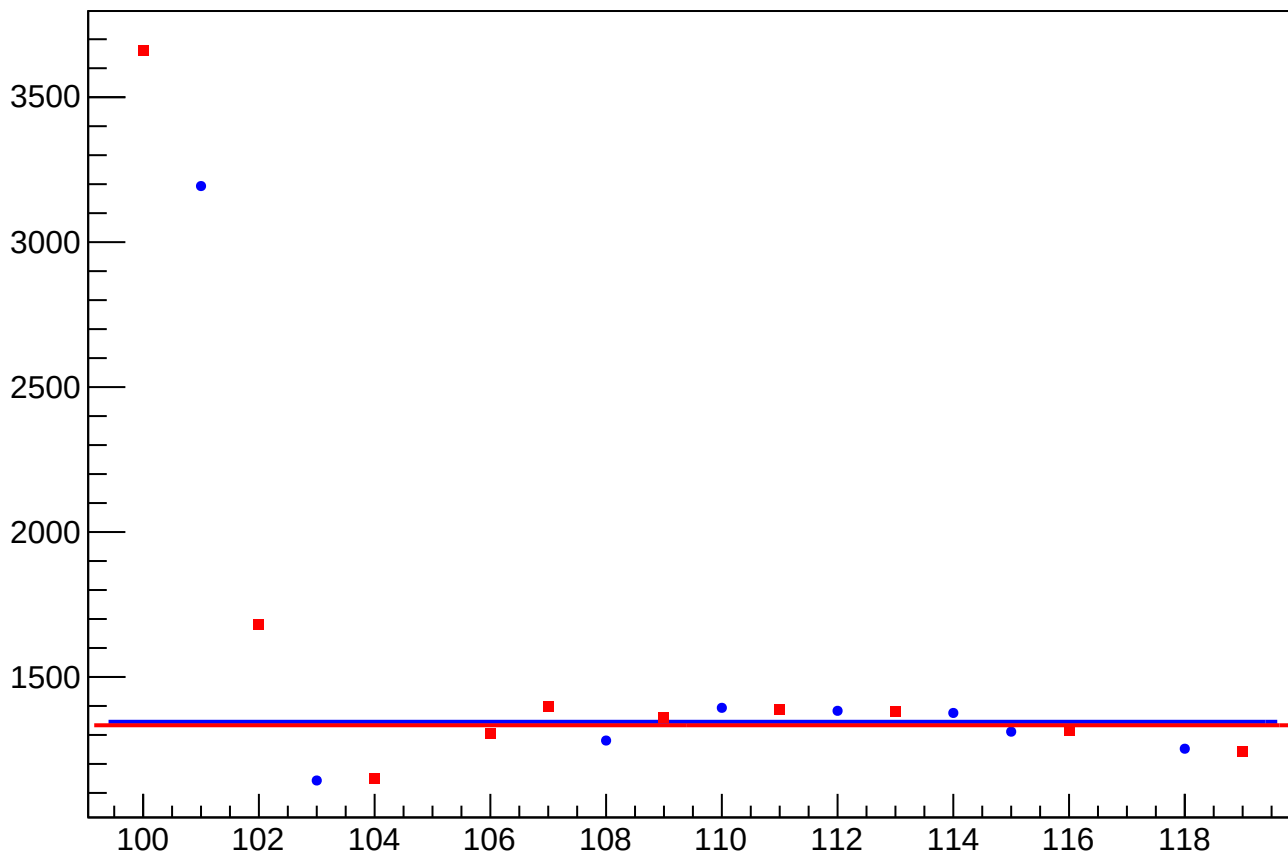
Right: 1785.938+/-511.288 χ^2/NDF : 9.9/17

In: 2108.049+/-768.910 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1785.938+/-511.288 χ^2/NDF : 9.9/17

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1345.396+/-0.544 χ^2/NDF : 485483.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1333.385+/-0.482 χ^2/NDF : 137490.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

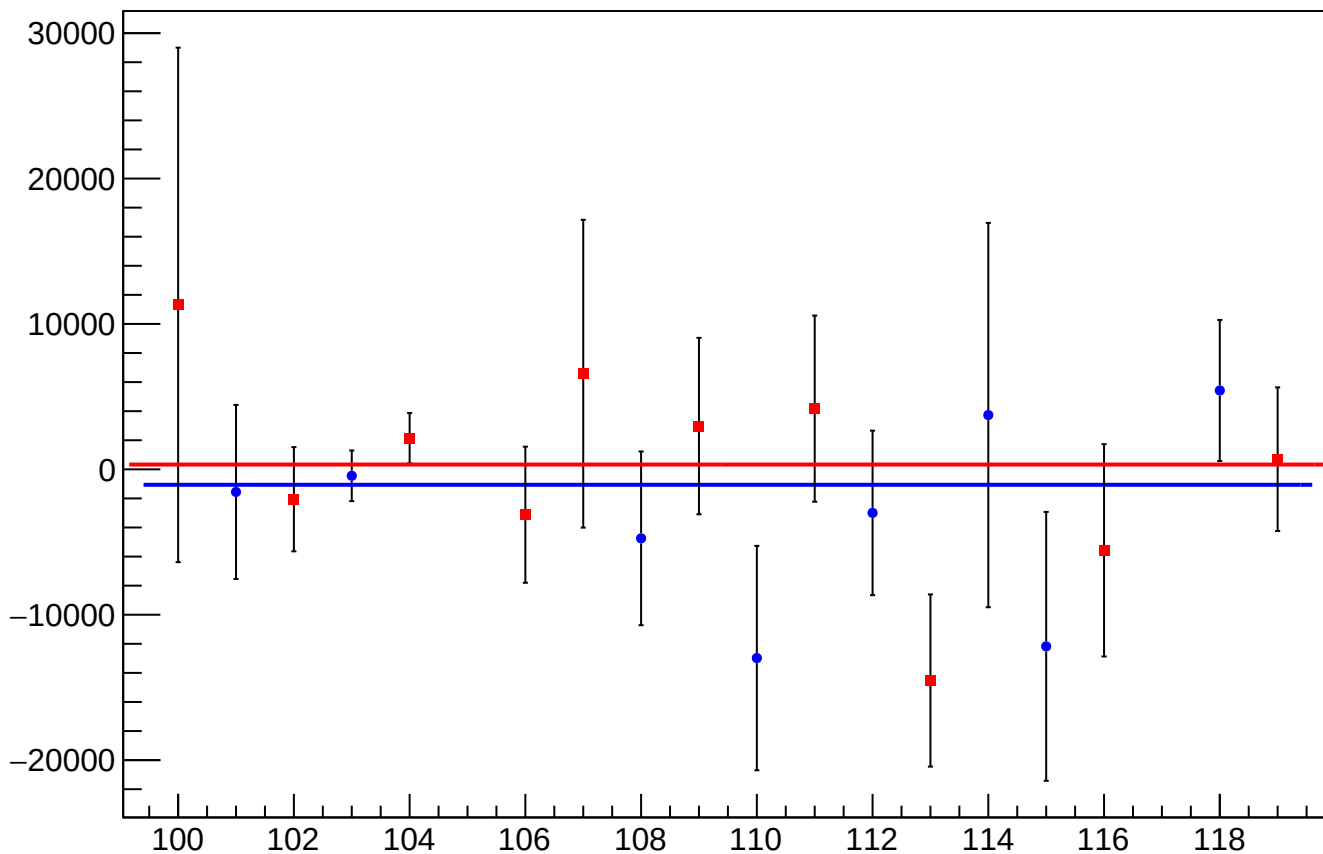
Right: 1338.674+/-0.361 χ^2/NDF : 623247.1/17

In: 1345.396+/-0.544 χ^2/NDF :485483.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1338.674+/-0.361 χ^2/NDF : 623247.1/17

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1062.556+/-1423.325 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 329.990+/-1280.809 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

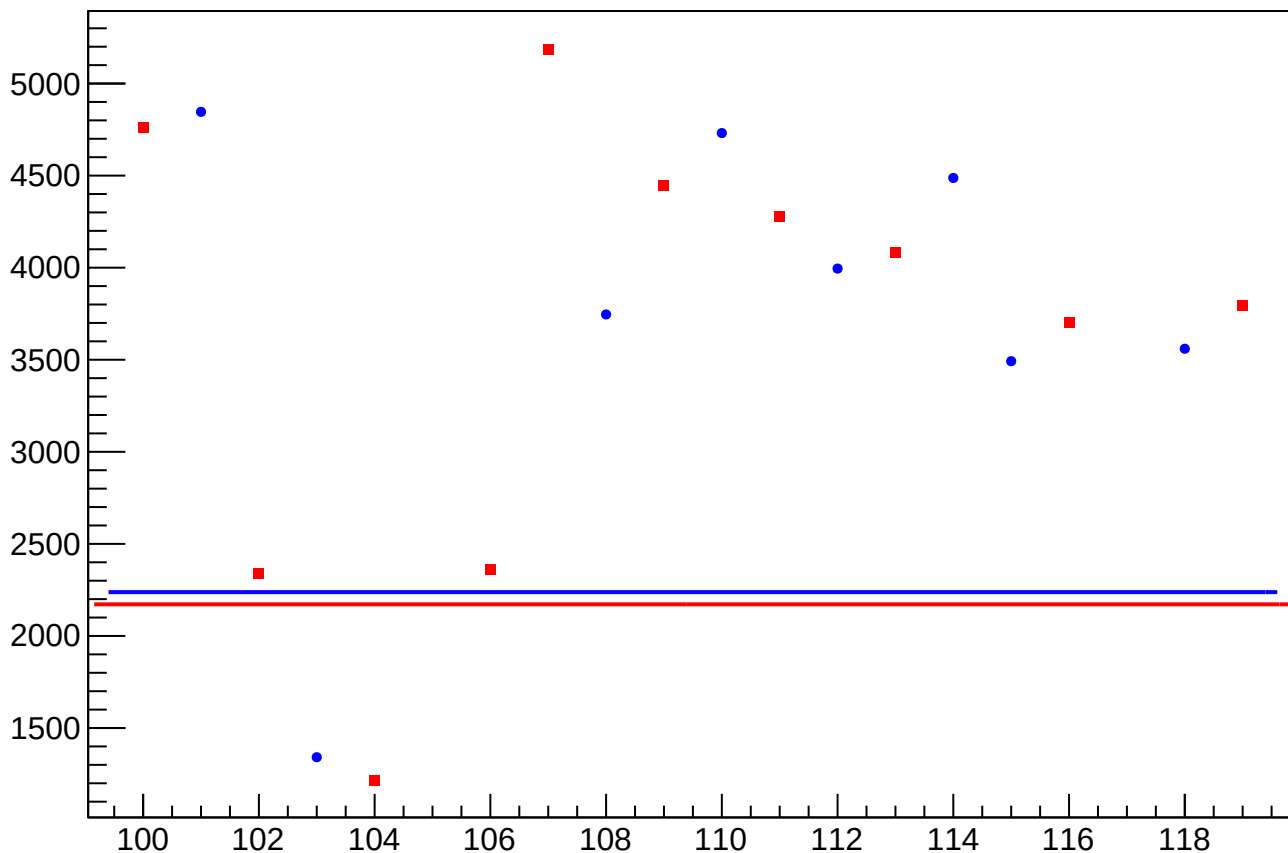
Right: -293.095+/-952.079 χ^2/NDF : 17.2/17

In: -1062.556+/-1423.325 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.095+/-952.079 χ^2/NDF : 17.2/17

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2237.972+/-1.006 χ^2/NDF : 1682280.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.656+/-0.906 χ^2/NDF : 1834656.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

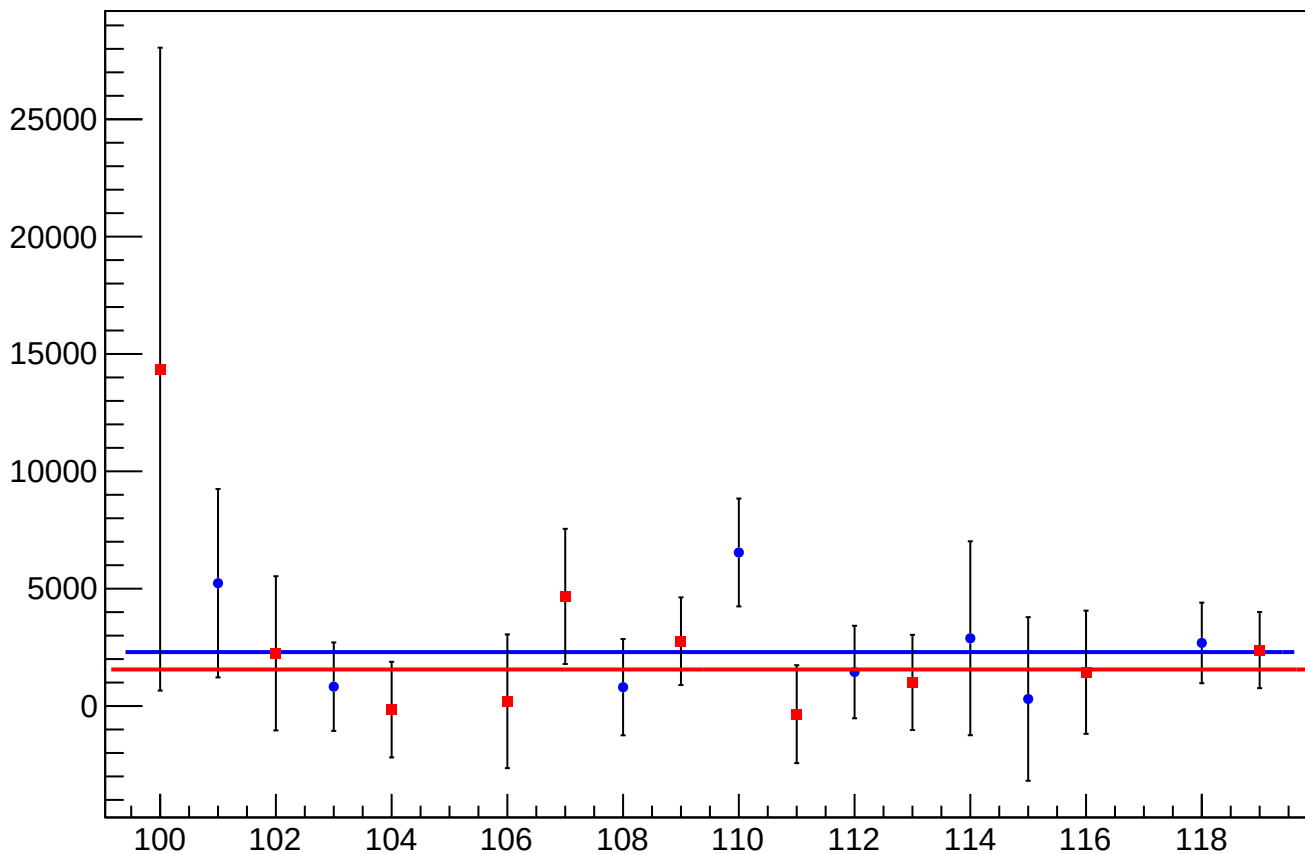
Right: 2201.328+/-0.673 χ^2/NDF : 3519336.1/17

In: 2237.972+/-1.006 χ^2/NDF : 1682280.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2201.328+/-0.673 χ^2/NDF : 3519336.1/17

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2297.954+/-814.269 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.378+/-731.823 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

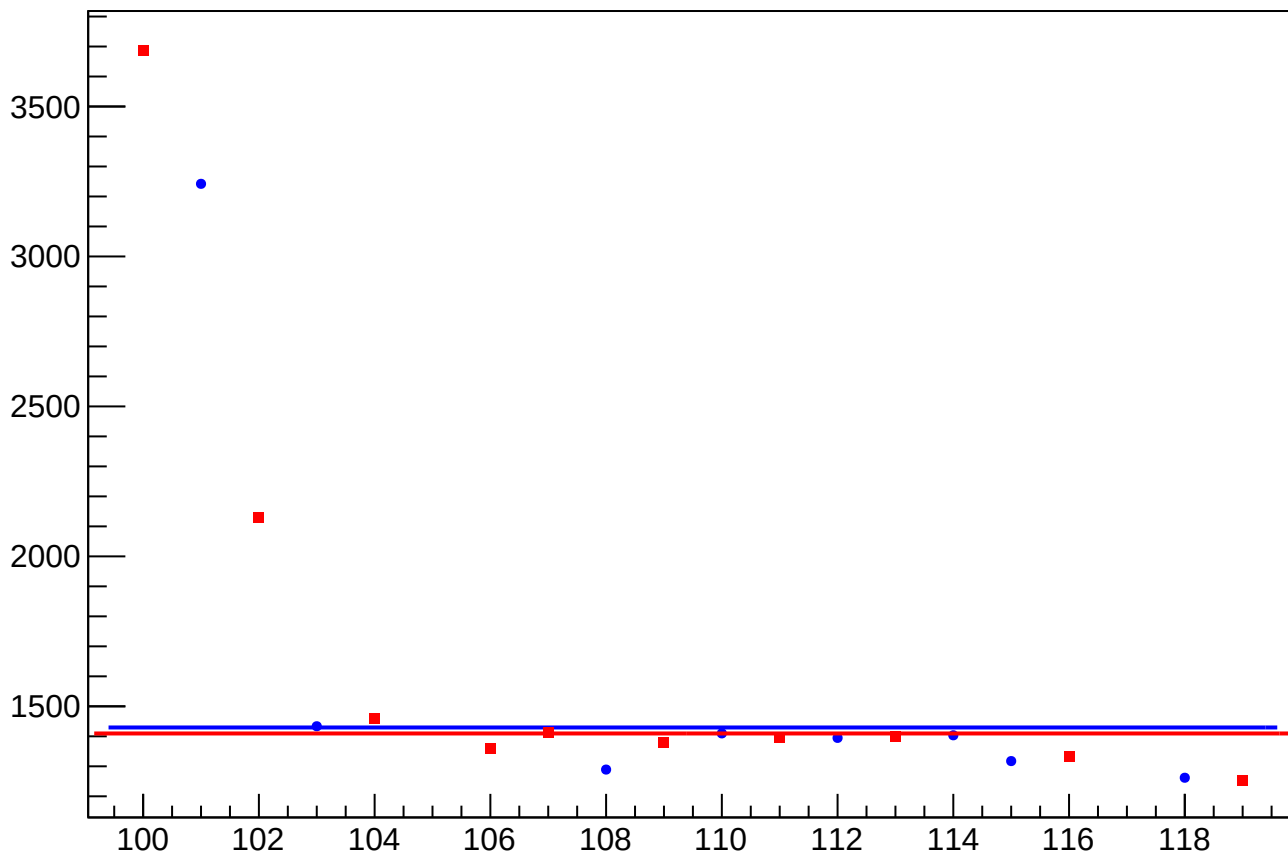
Right: 1887.734+/-544.298 χ^2/NDF : 10.7/17

In: 2297.954+/-814.269 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.734+/-544.298 χ^2/NDF : 10.7/17

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1429.489+/-0.576 χ^2/NDF : 439241.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.498+/-0.517 χ^2/NDF : 174507.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

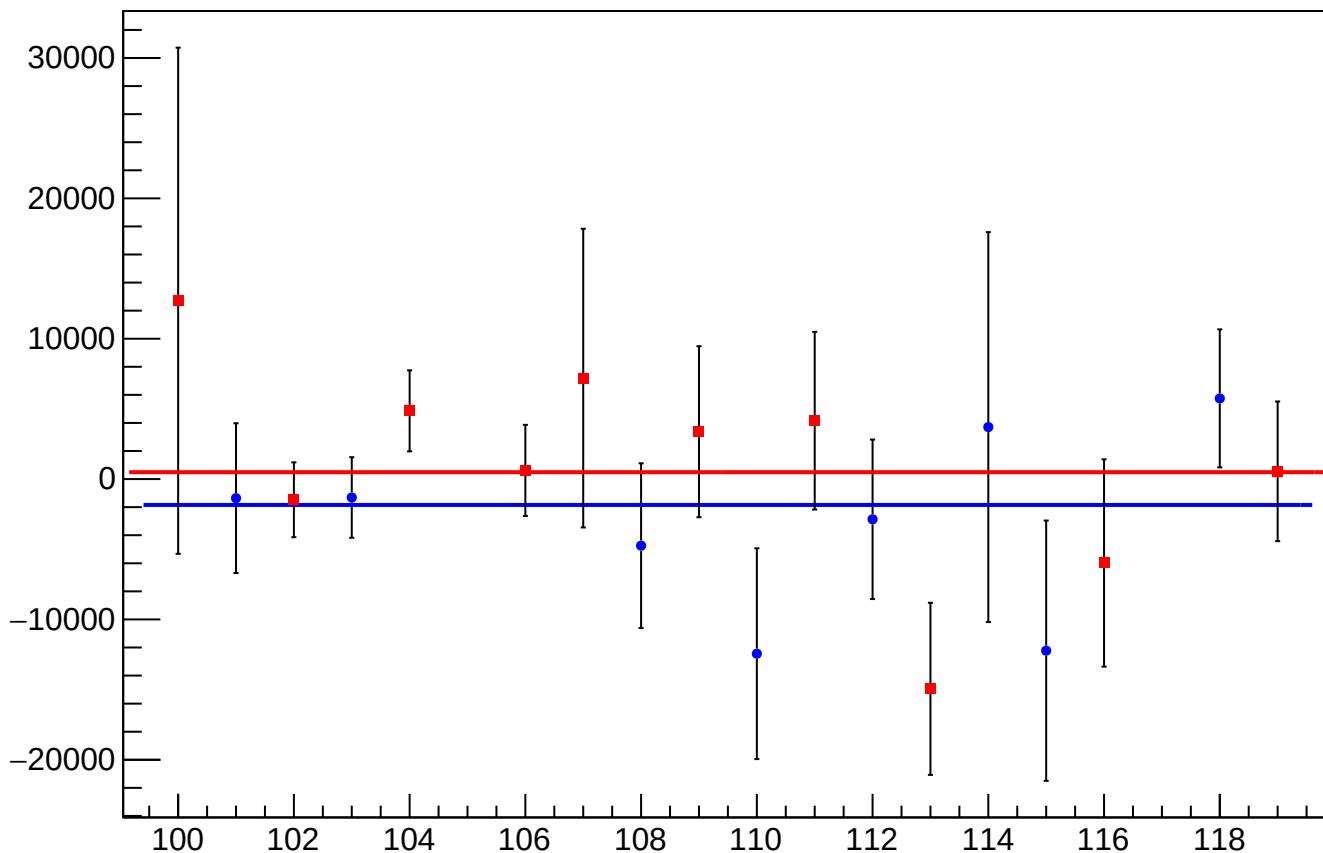
Right: 1418.417+/-0.385 χ^2/NDF : 614416.9/17

In: 1429.489+/-0.576 χ^2/NDF : 439241.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.417+/-0.385 χ^2/NDF : 614416.9/17

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1843.109+/-1849.035 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.561+/-1407.661 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

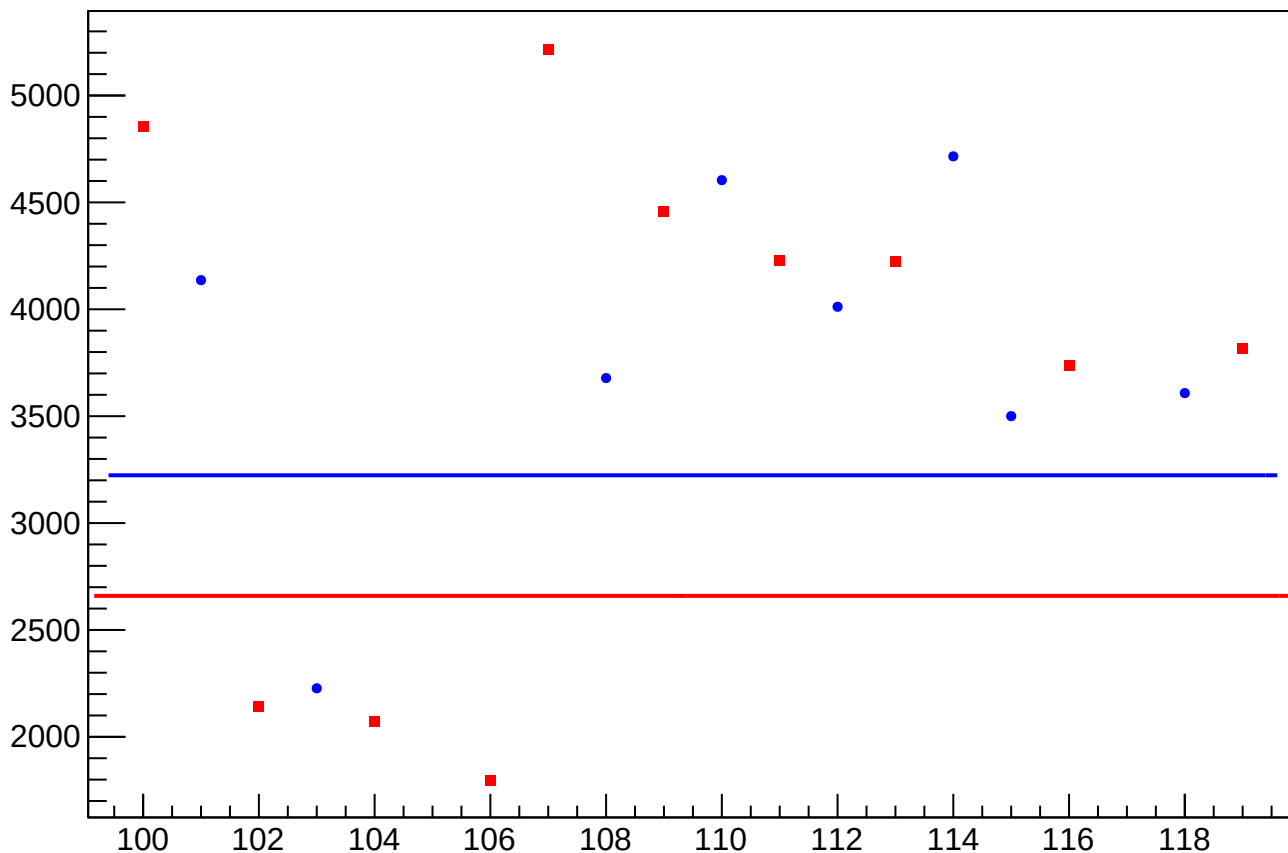
Right: -365.701+/-1120.027 χ^2/NDF : 18.5/17

In: -1843.109+/-1849.035 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.701+/-1120.027 χ^2/NDF : 18.5/17

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3223.487+/-1.307 χ^2/NDF : 454896.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.433+/-0.995 χ^2/NDF : 1021940.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

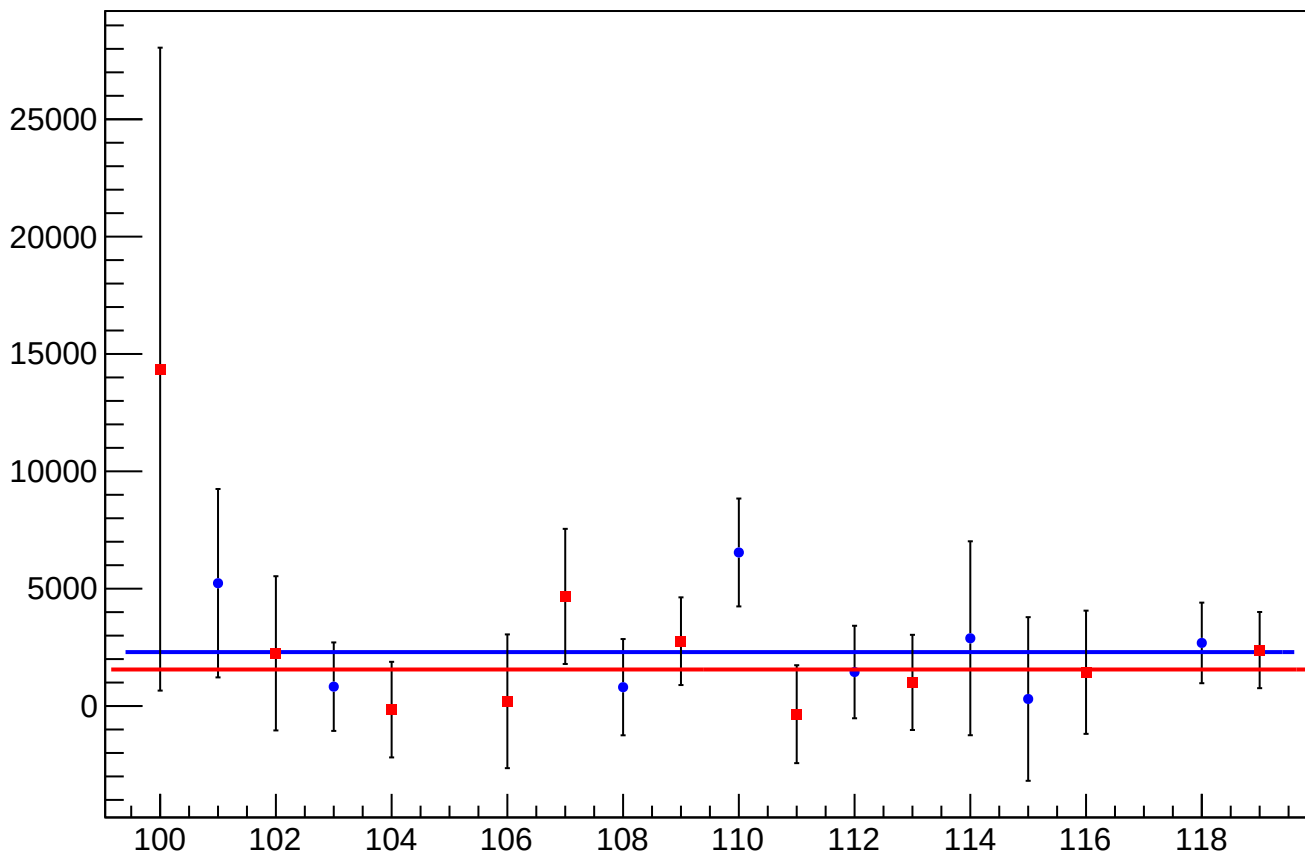
Right: 2866.393+/-0.792 χ^2/NDF : 1594663.3/17

In: 3223.487+/-1.307 χ^2/NDF : 454896.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.393+/-0.792 χ^2/NDF : 1594663.3/17

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2297.956+/-814.268 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1556.382+/-731.823 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

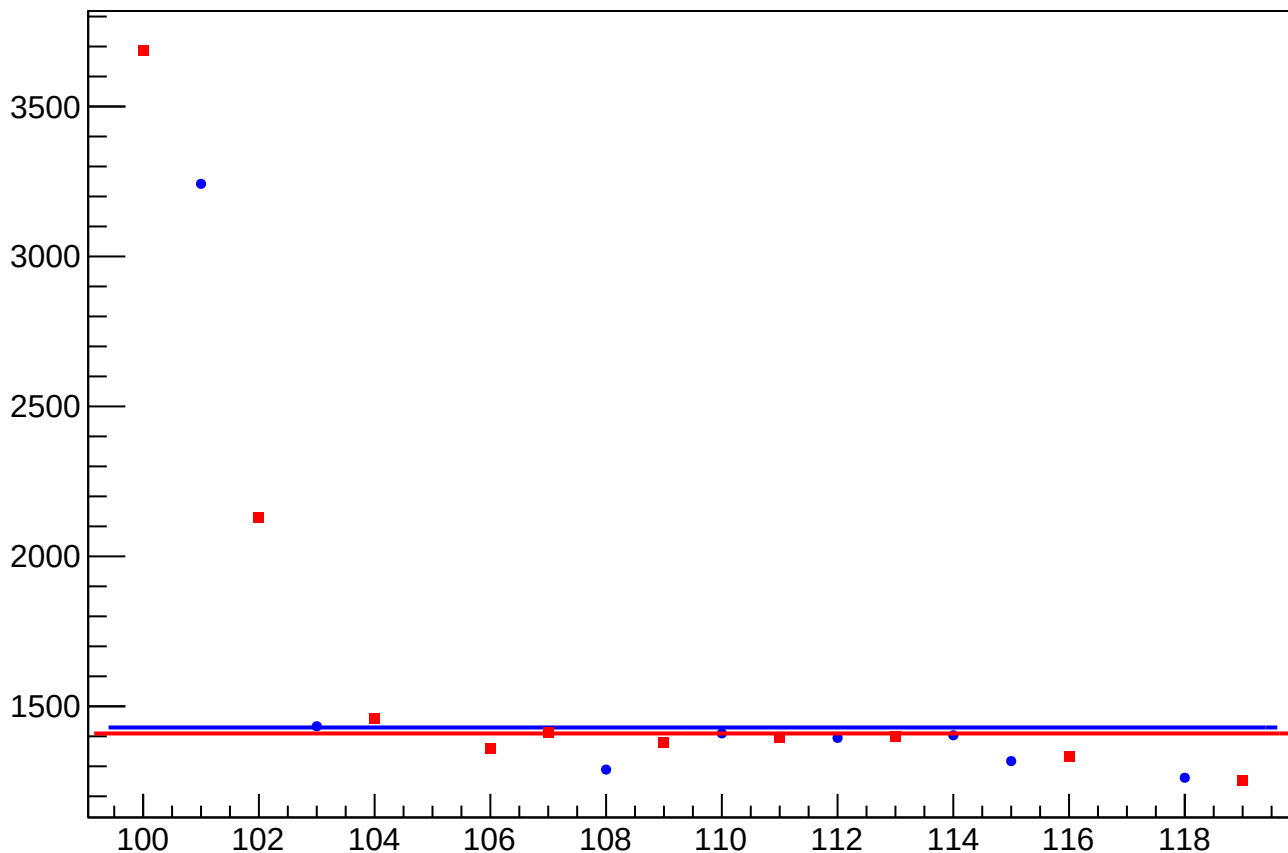
Right: 1887.737+/-544.298 χ^2/NDF : 10.7/17

In: 2297.956+/-814.268 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1887.737+/-544.298 χ^2/NDF : 10.7/17

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1429.488+/-0.576 χ^2/NDF : 439241.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1409.497+/-0.517 χ^2/NDF : 174507.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

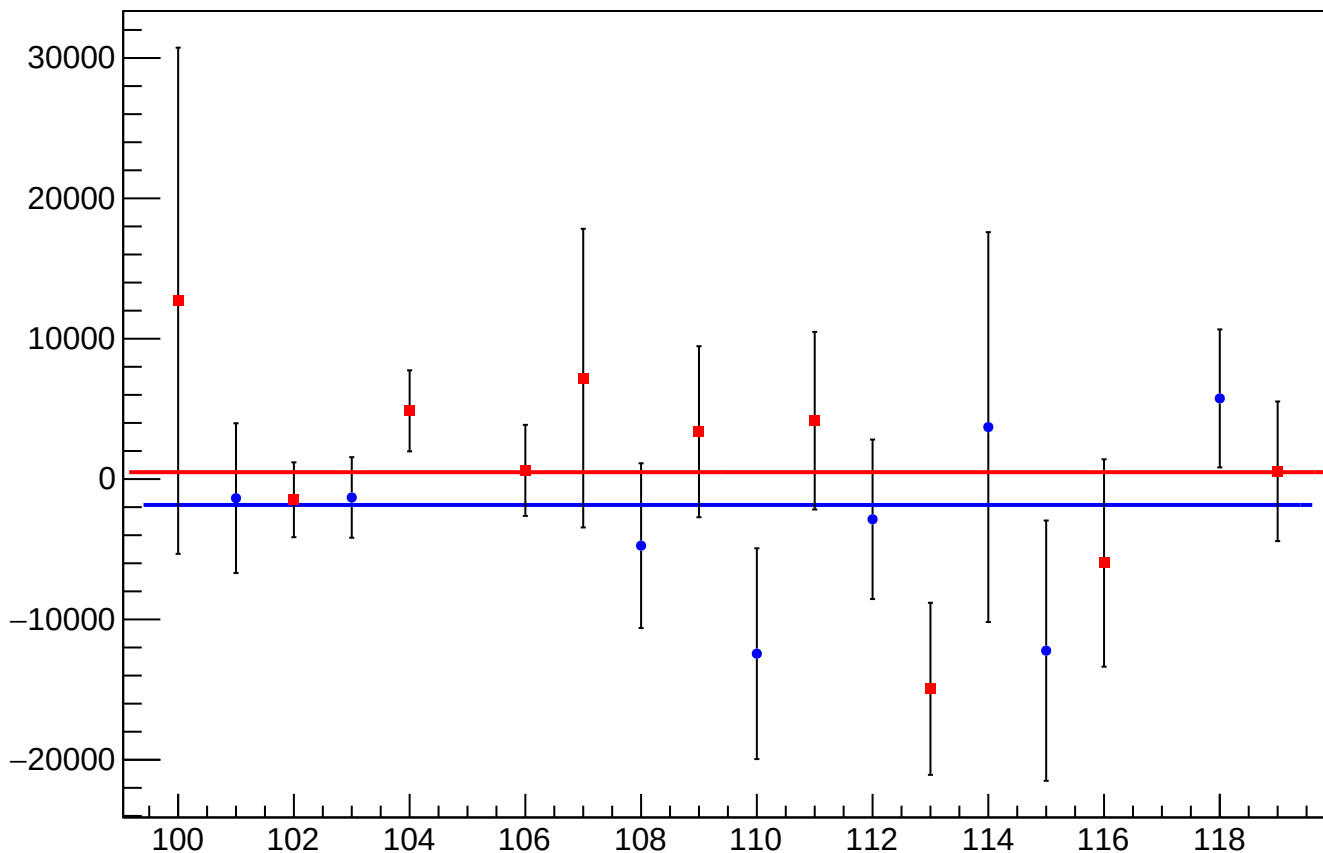
Right: 1418.417+/-0.385 χ^2/NDF : 614416.2/17

In: 1429.488+/-0.576 χ^2/NDF : 439241.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.417+/-0.385 χ^2/NDF : 614416.2/17

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1843.103+/-1849.030 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 490.562+/-1407.657 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

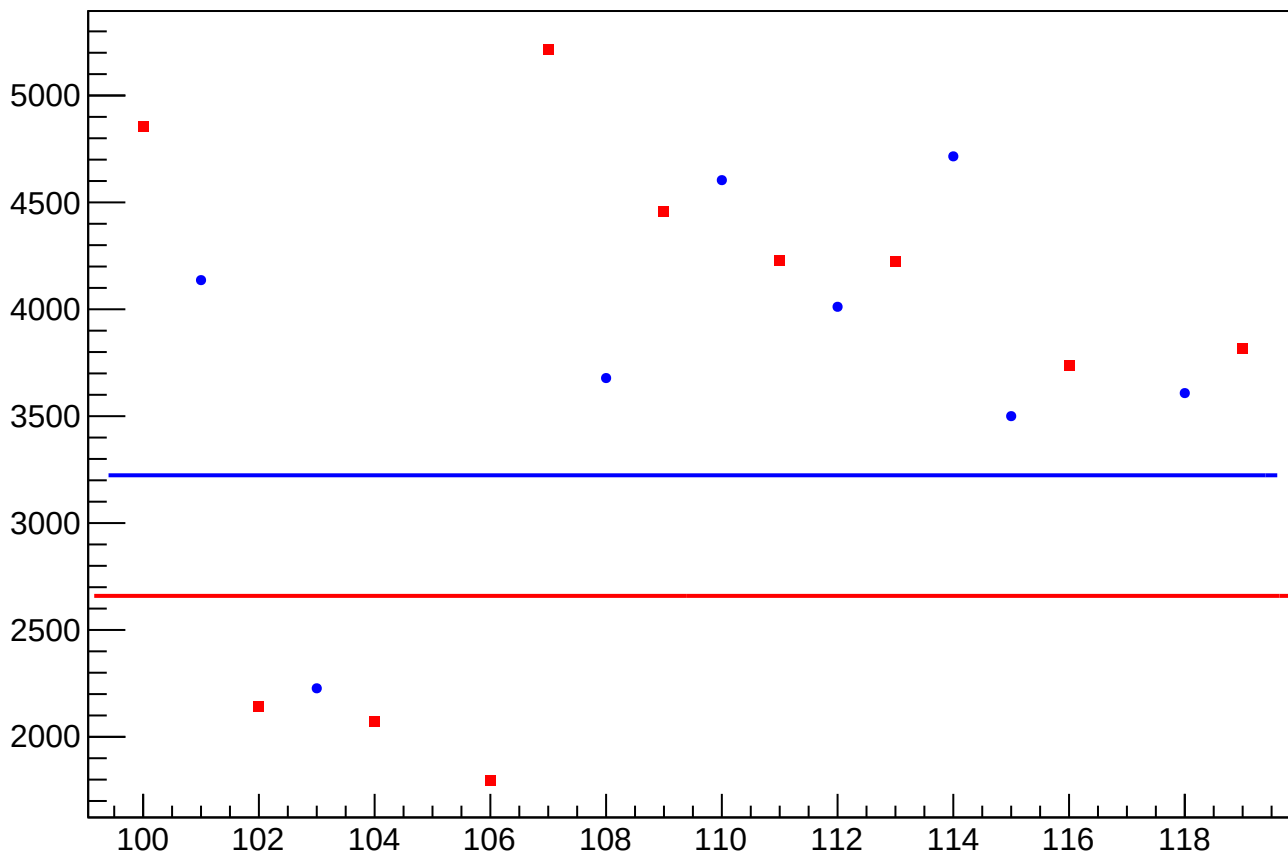
Right: -365.697+/-1120.024 χ^2/NDF : 18.5/17

In: -1843.103+/-1849.030 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -365.697+/-1120.024 χ^2/NDF : 18.5/17

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3223.479+/-1.307 χ^2/NDF : 454895.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.425+/-0.995 χ^2/NDF : 1021941.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

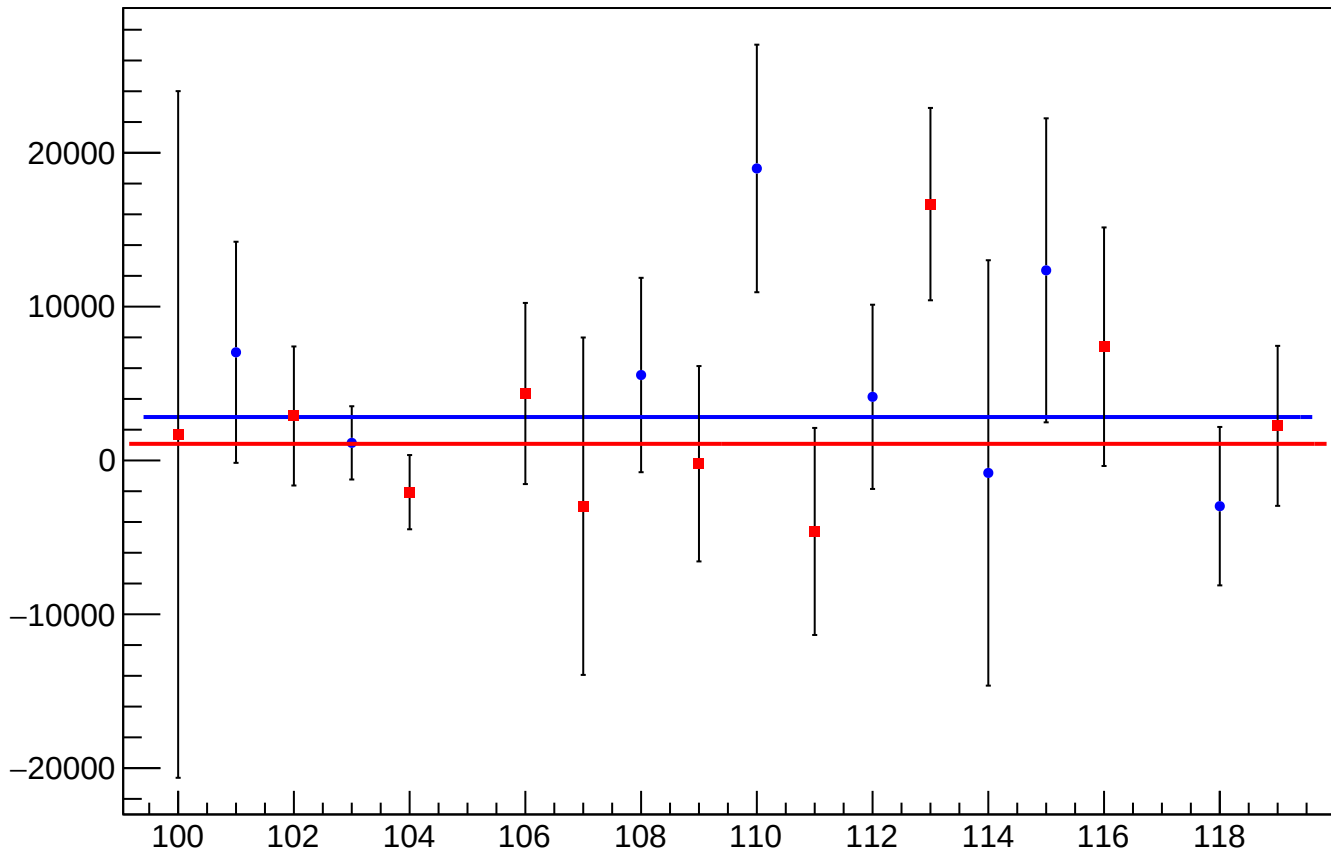
Right: 2866.386+/-0.792 χ^2/NDF : 1594663.8/17

In: 3223.479+/-1.307 χ^2/NDF : 454895.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2866.386+/-0.792 χ^2/NDF : 1594663.8/17

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2822.948+/-1775.321 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1080.137+/-1609.628 χ^2/NDF : 10.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

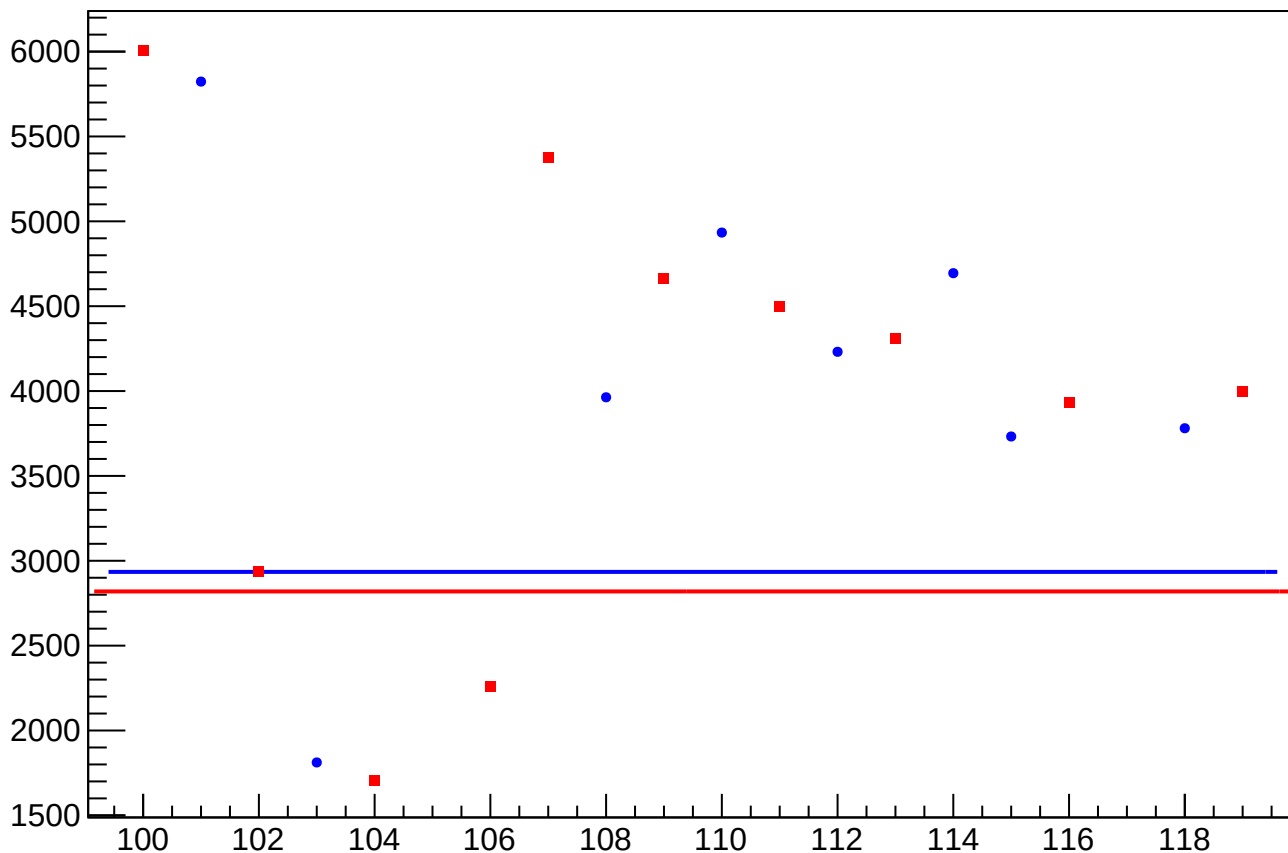
Right: 1866.436+/-1192.465 χ^2/NDF : 17.9/17

In: 2822.948+/-1775.321 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1866.436+/-1192.465 χ^2/NDF : 17.9/17

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2934.559+/-1.255 χ^2/NDF : 1137526.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2819.358+/-1.116 χ^2/NDF : 1155455.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

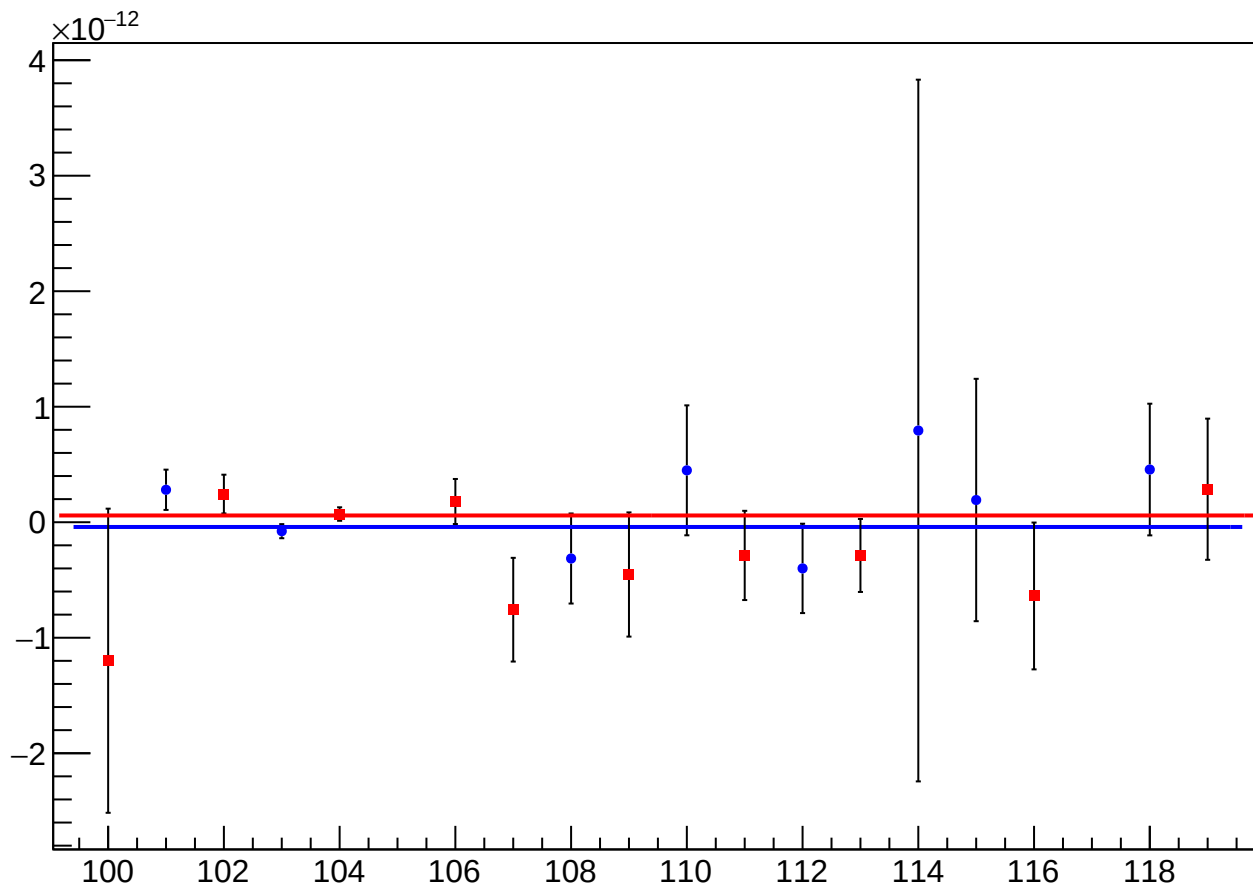
Right: 2870.205+/-0.834 χ^2/NDF : 2297686.7/17

In: 2934.559+/-1.255 χ^2/NDF : 1137526.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2870.205+/-0.834 χ^2/NDF : 2297686.7/17

asym_atl_avg_atr_avg_avg_reg_vs_Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

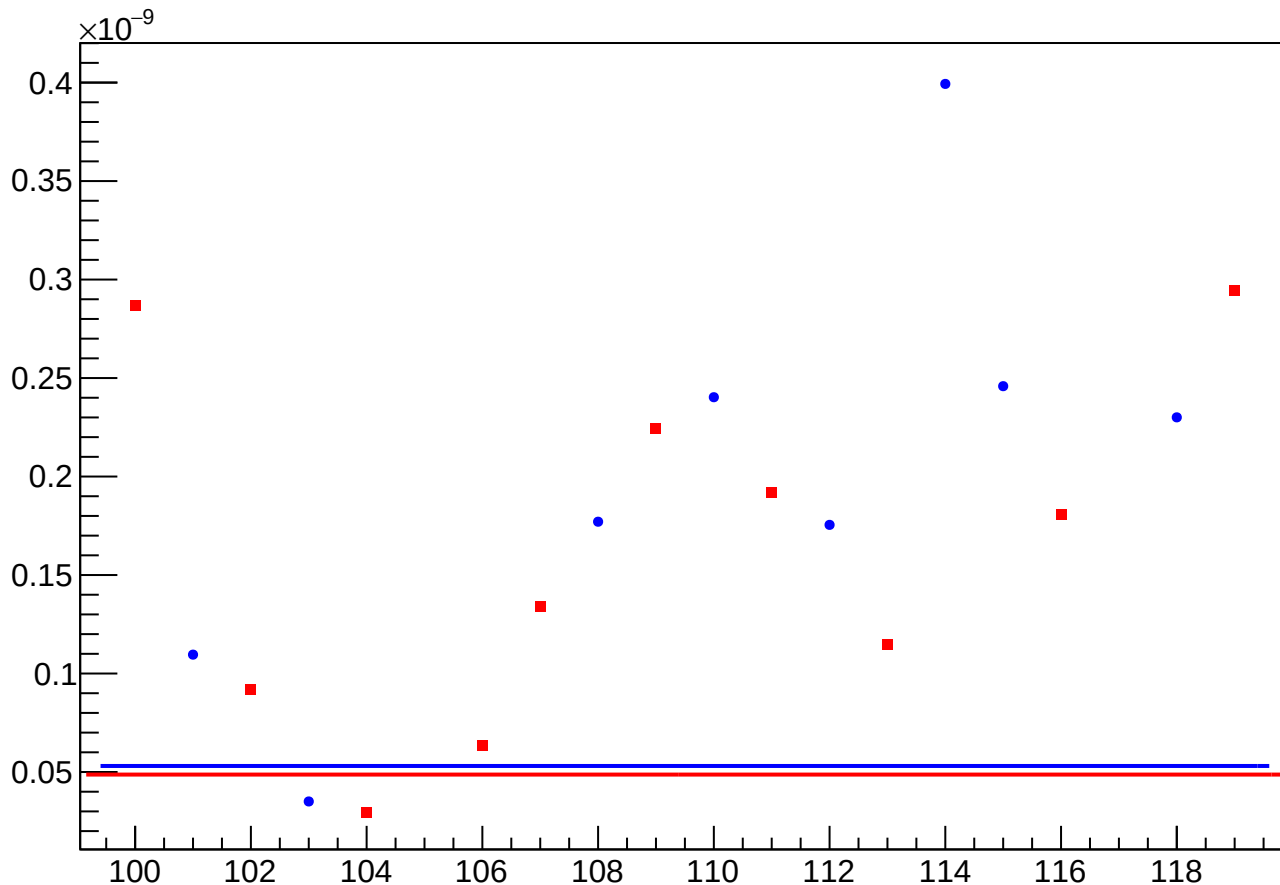
Right: 0.000+/-0.000 χ^2/NDF : 18.6/17

In: -0.000+/-0.000 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.6/17

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1295051.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1485770.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

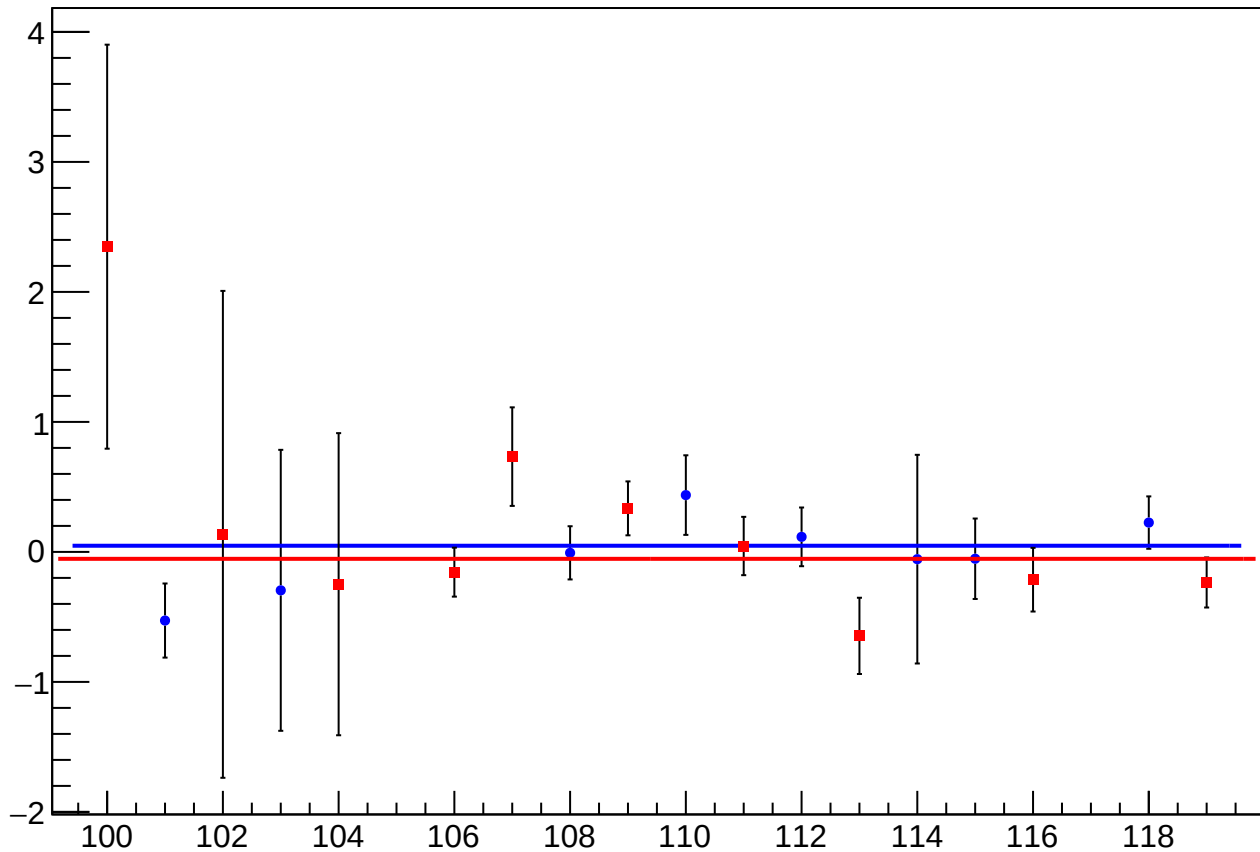
Right: 0.000+/-0.000 χ^2/NDF : 2787539.4/17

In: 0.000+/-0.000 χ^2/NDF : 1295051.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2787539.4/17

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.098 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.086 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

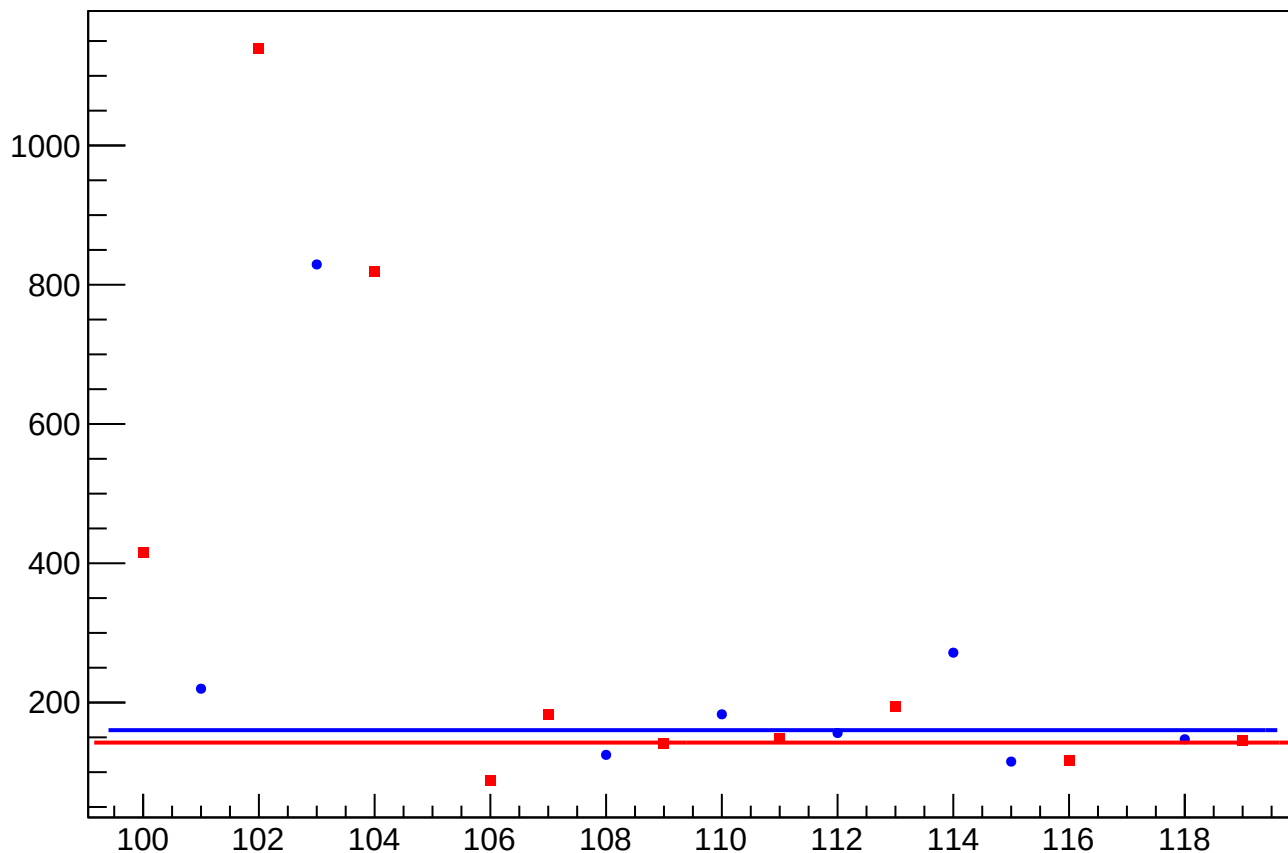
Right: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

In: 0.047 $\pm$ 0.098 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.323+/-0.069 χ^2/NDF : 1014568.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582397.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

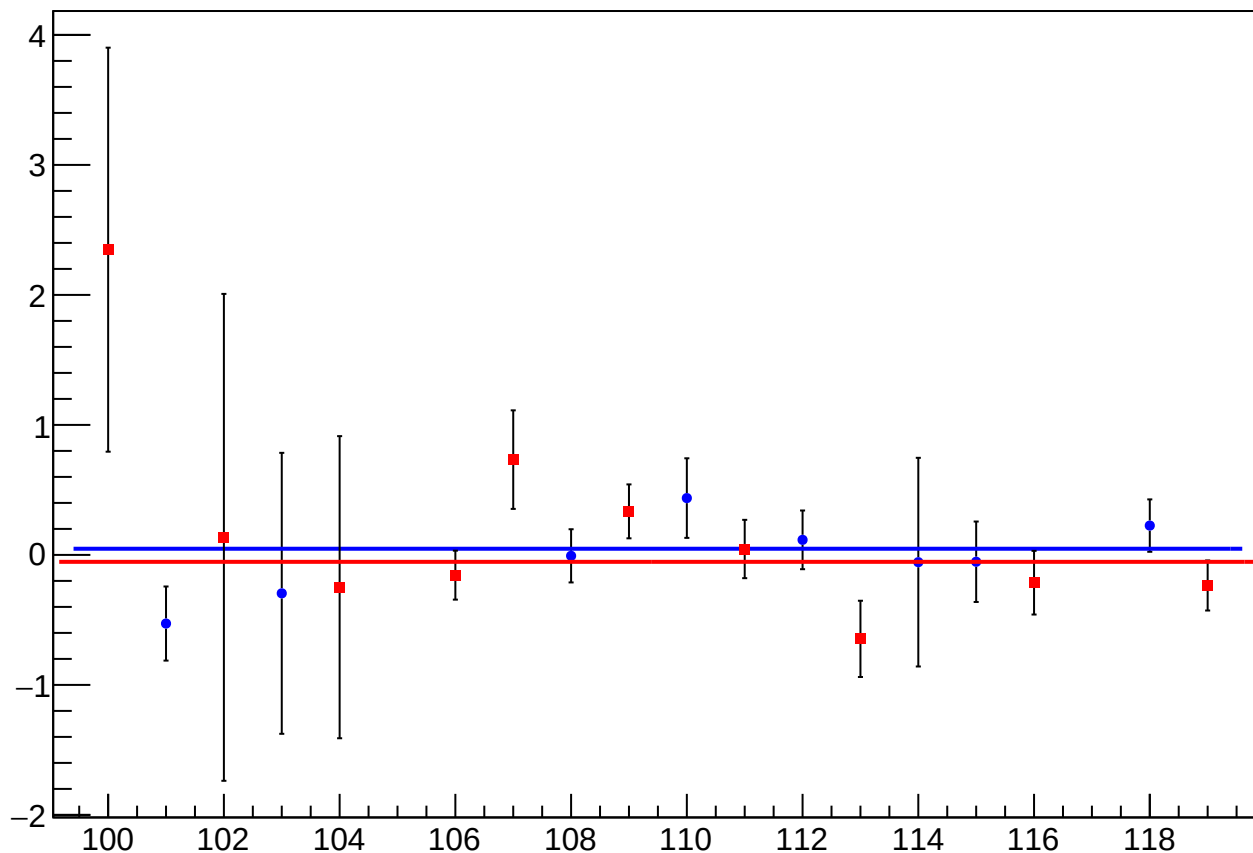
Right: 150.239+/-0.046 χ^2/NDF : 2634395.8/17

In: 160.323+/-0.069 χ^2/NDF : 1014568.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.239+/-0.046 χ^2/NDF : 2634395.8/17

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.098 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.086 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

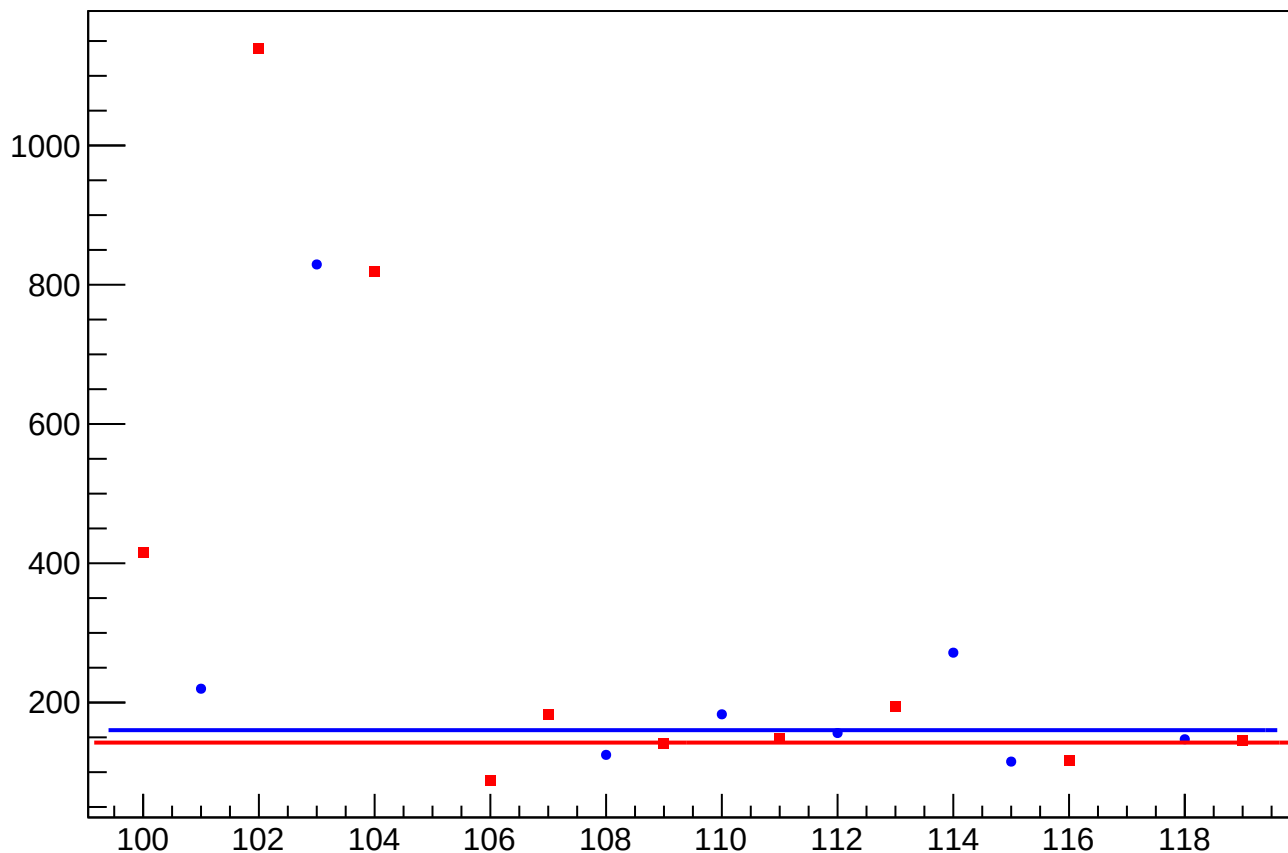
Right: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

In: 0.047 $\pm$ 0.098 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.323+/-0.069 χ^2/NDF : 1014568.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582397.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

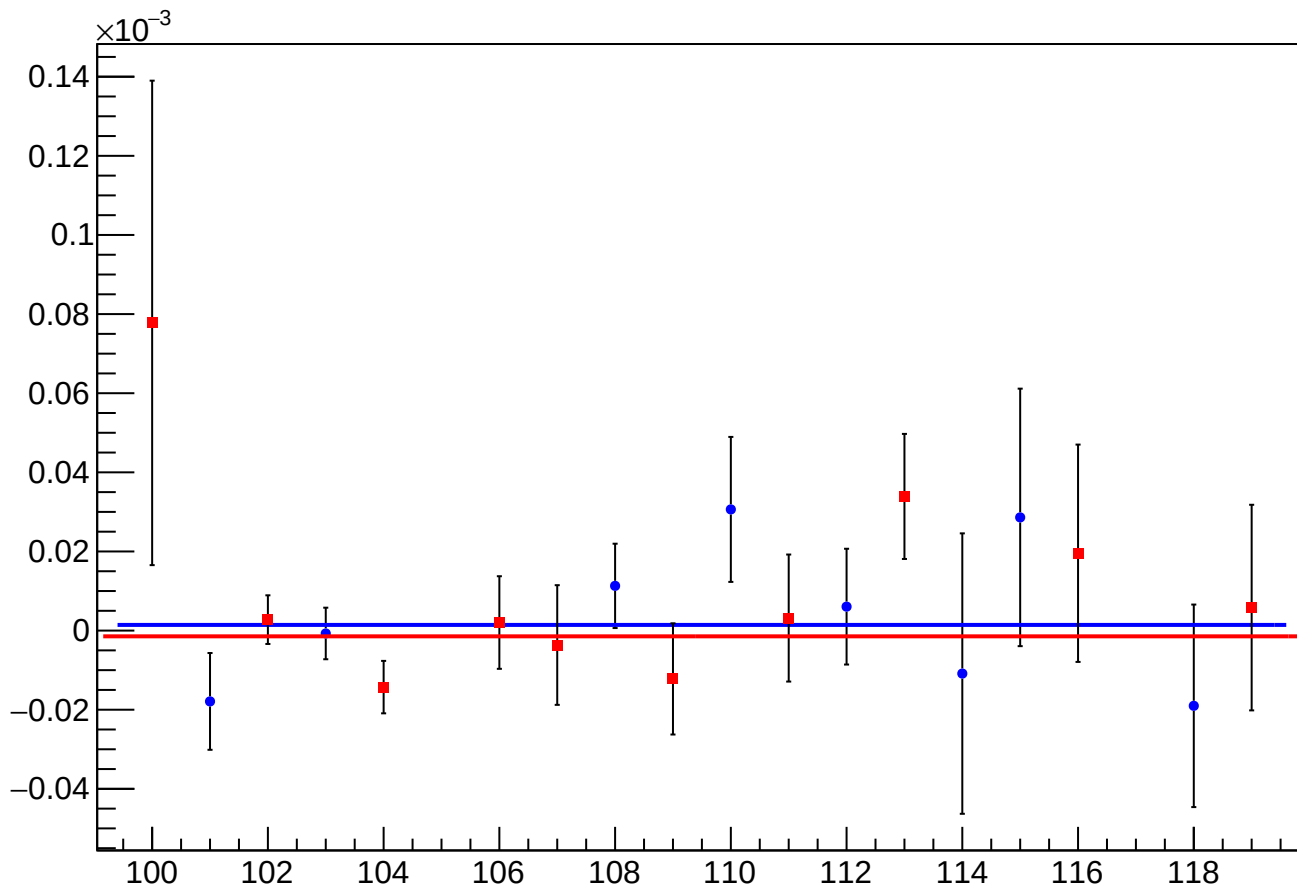
Right: 150.239+/-0.046 χ^2/NDF : 2634395.8/17

In: 160.323+/-0.069 χ^2/NDF : 1014568.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.239+/-0.046 χ^2/NDF : 2634395.8/17

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 : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

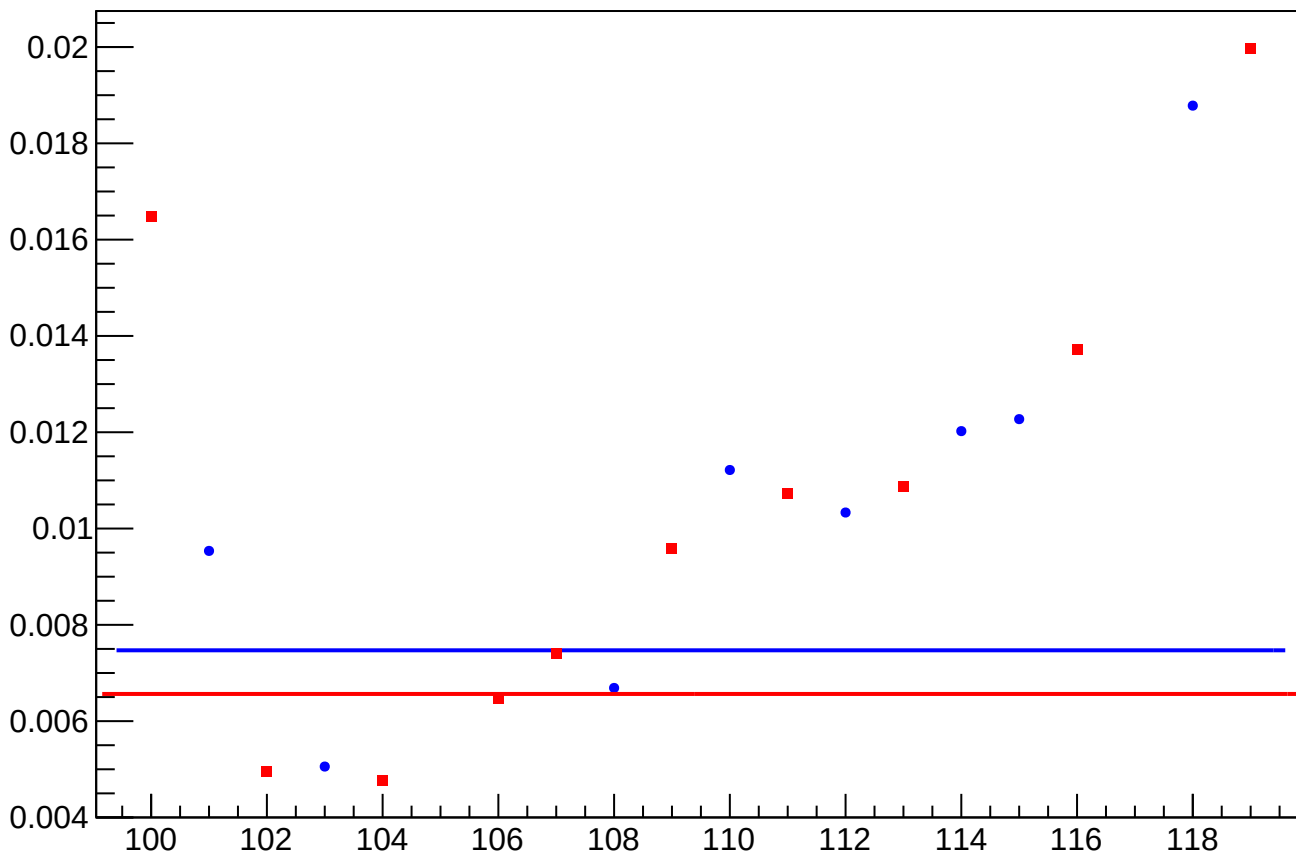
Right: -0.000+/-0.000 χ^2/NDF : 20.2/17

In: 0.000+/-0.000 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/17

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 969408.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 1388222.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

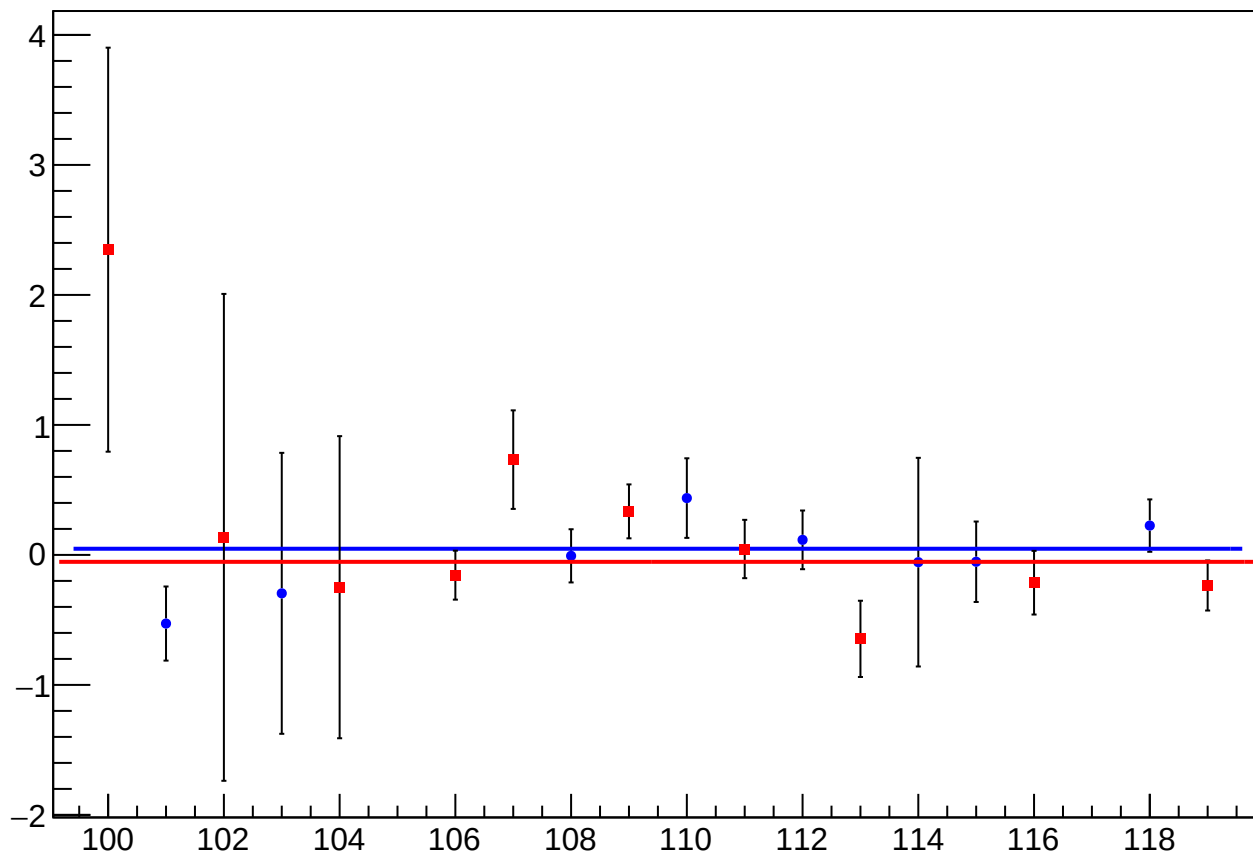
Right: 0.007+/-0.000 χ^2/NDF : 2407399.1/17

In: 0.007+/-0.000 χ^2/NDF : 969408.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2407399.1/17

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.098 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.086 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

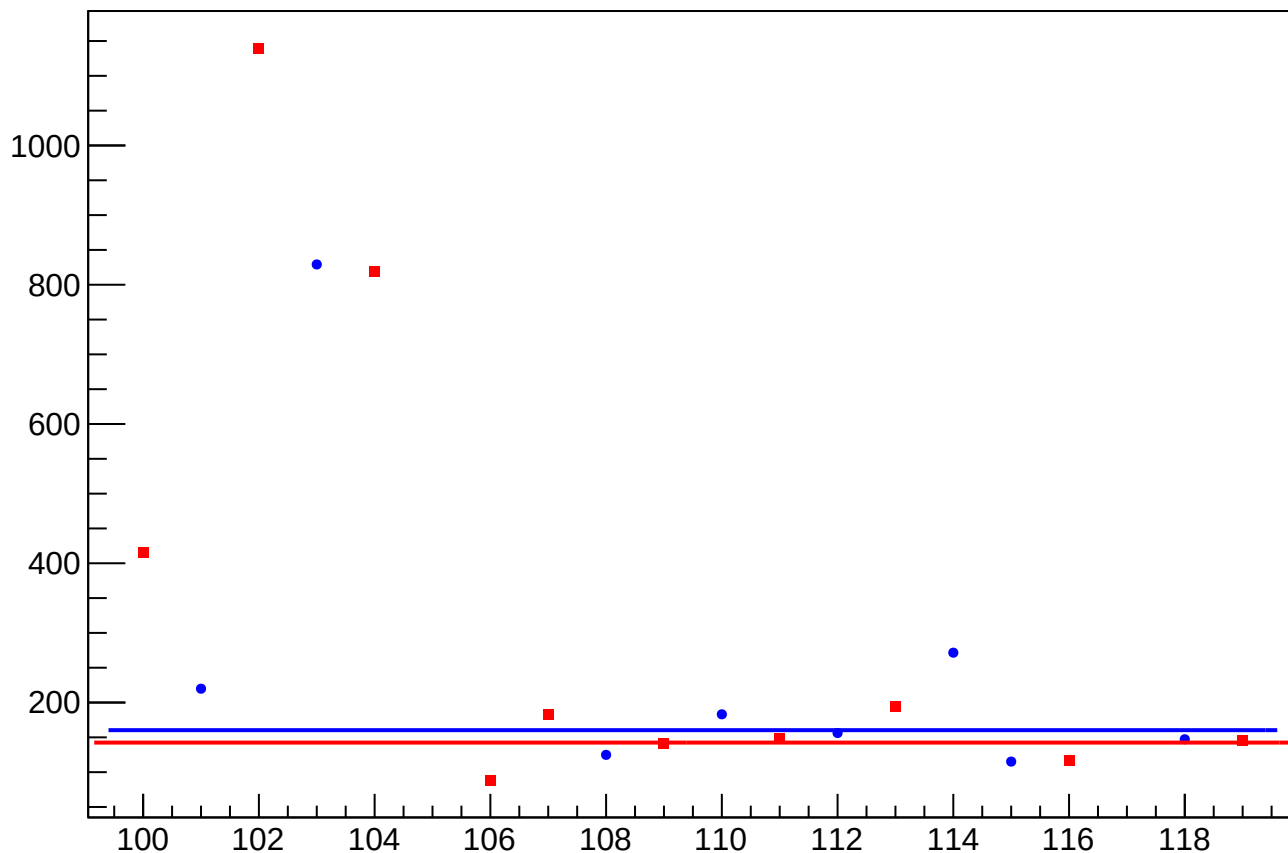
Right: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

In: 0.047 $\pm$ 0.098 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.324+/-0.069 χ^2/NDF : 1014555.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582401.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

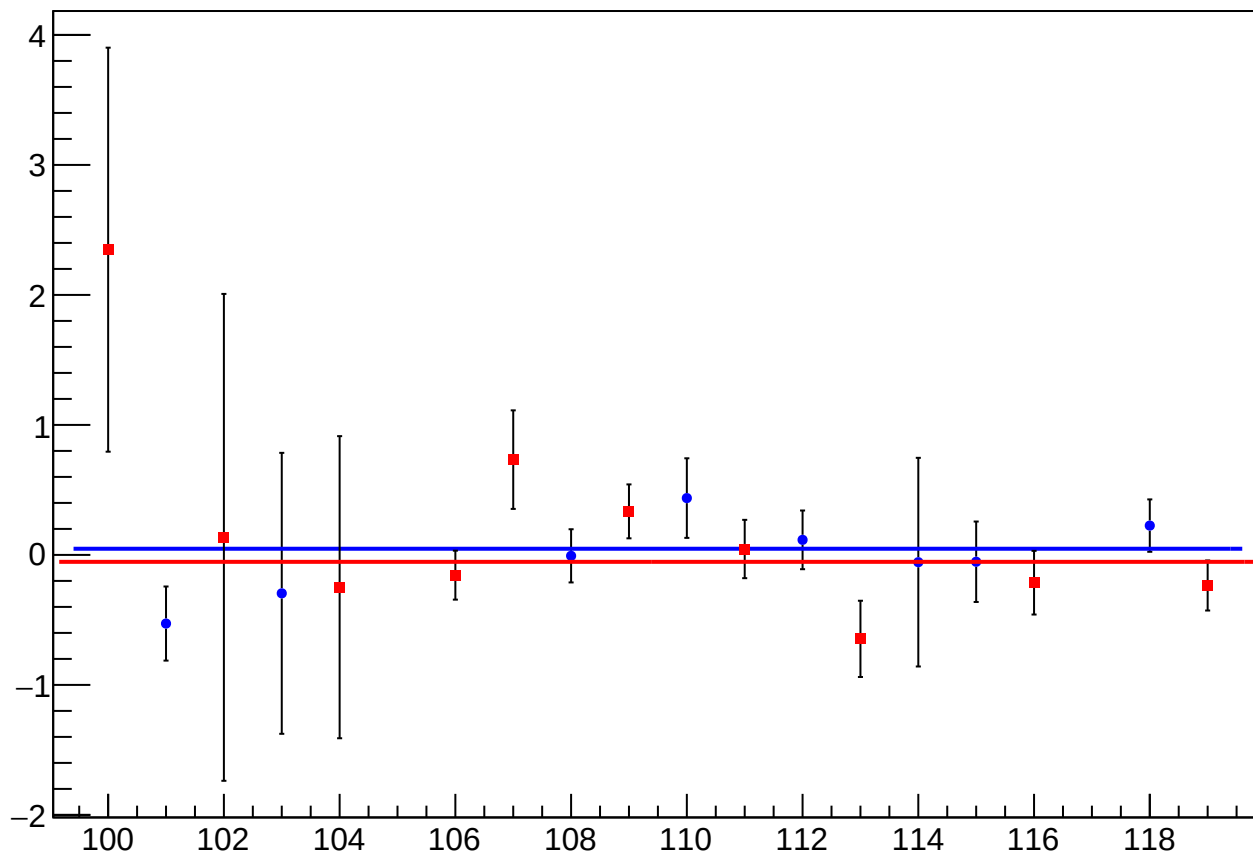
Right: 150.240+/-0.046 χ^2/NDF : 2634388.8/17

In: 160.324+/-0.069 χ^2/NDF : 1014555.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.240+/-0.046 χ^2/NDF : 2634388.8/17

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.098 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.086 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

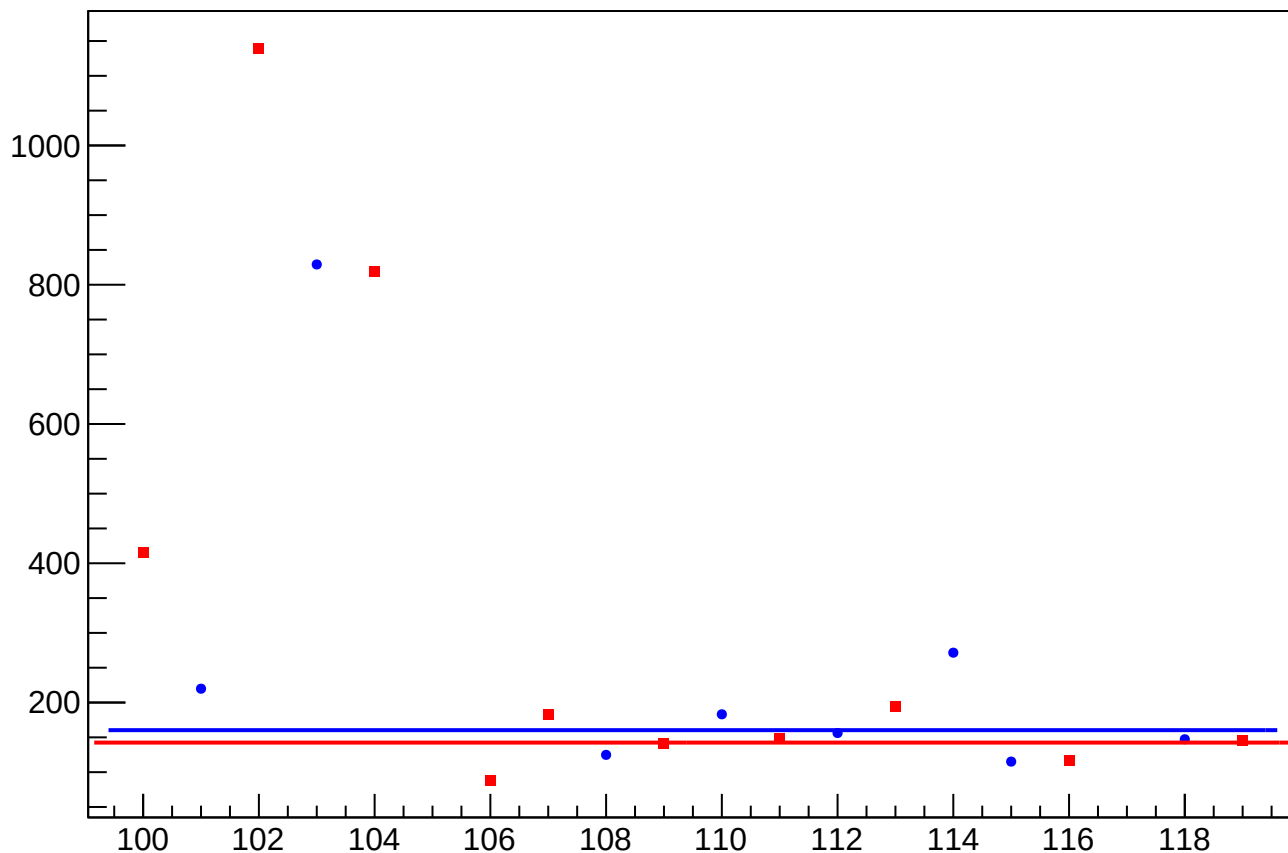
Right: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

In: 0.047 $\pm$ 0.098 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.065 χ^2 /NDF: 23.6/17

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 160.324+/-0.069 χ^2/NDF : 1014555.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.473+/-0.061 χ^2/NDF : 1582401.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

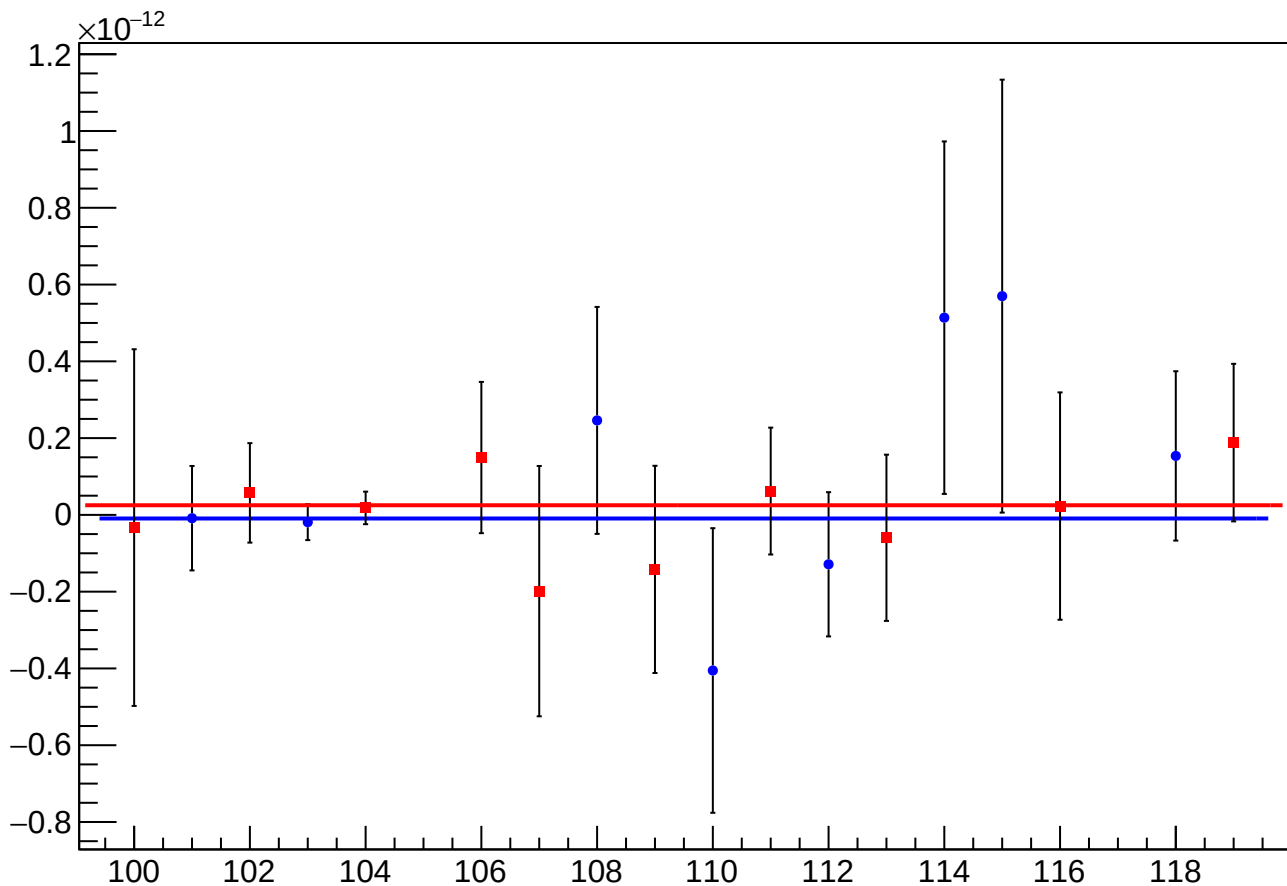
Right: 150.240+/-0.046 χ^2/NDF : 2634388.8/17

In: 160.324+/-0.069 χ^2/NDF : 1014555.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.240+/-0.046 χ^2/NDF : 2634388.8/17

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

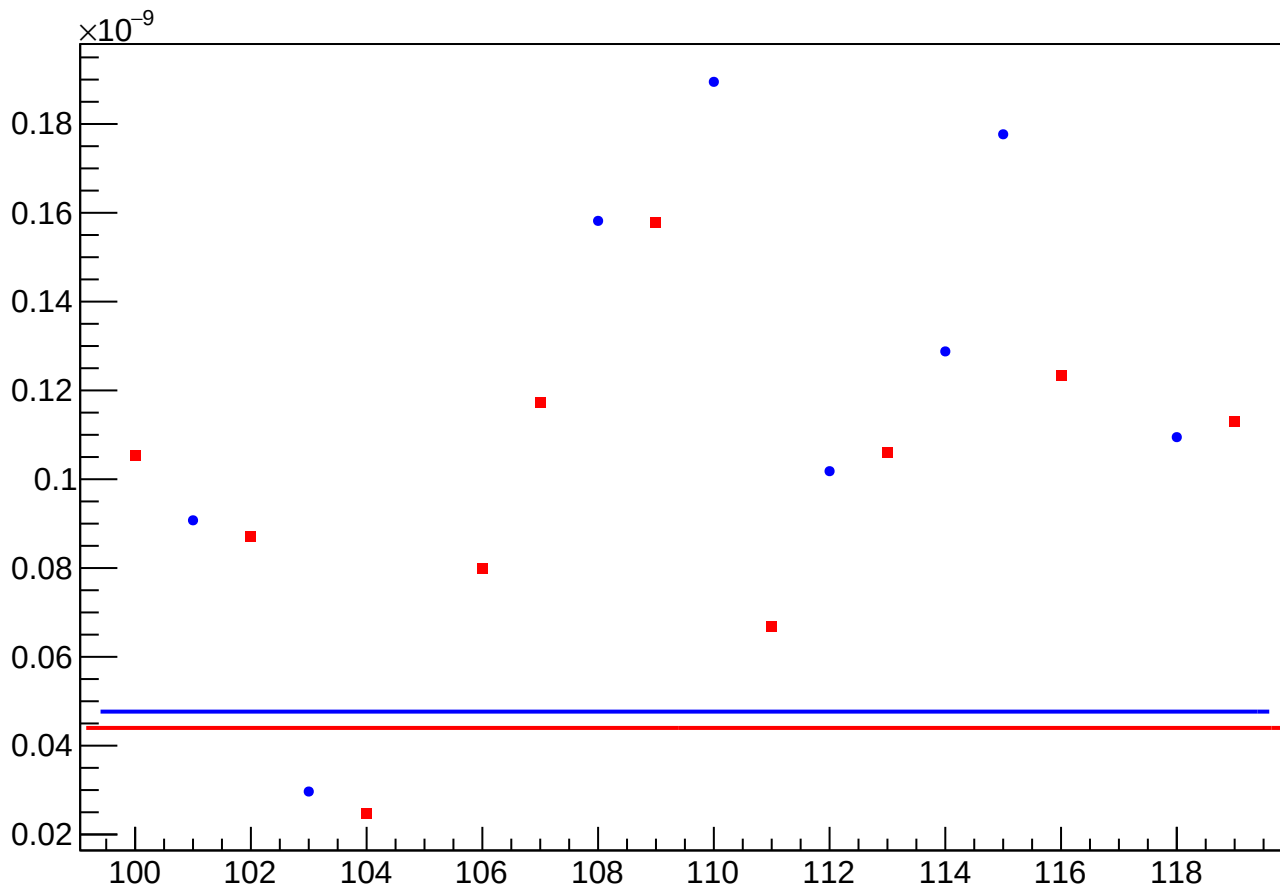
Right: 0.000+/-0.000 χ^2/NDF : 7.8/17

In: -0.000+/-0.000 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/17

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 : 1560914.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1768138.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

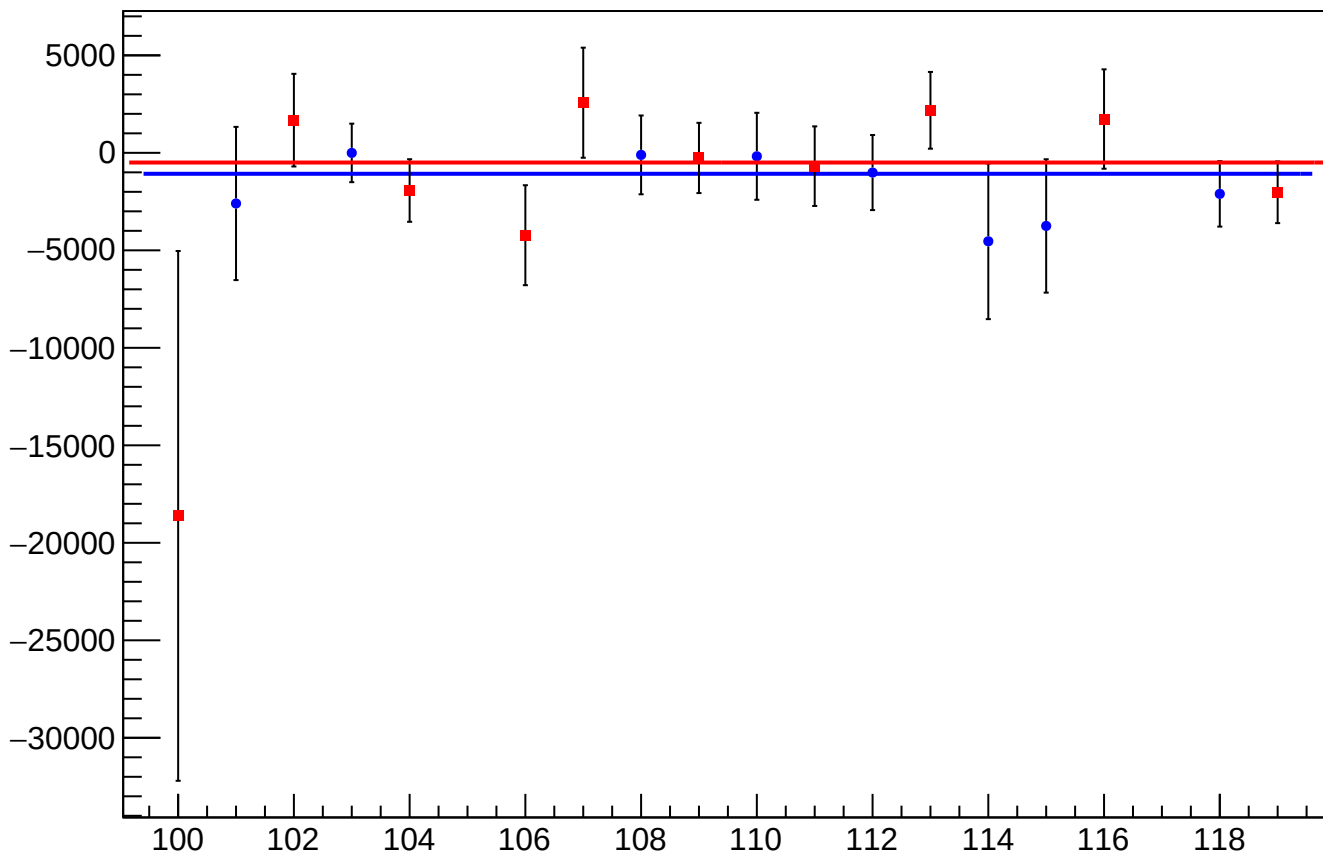
Right: 0.000+/-0.000 χ^2/NDF : 3338003.7/17

In: 0.000+/-0.000 χ^2/NDF : 1560914.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3338003.7/17

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1074.462 $\pm$ 760.724 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -496.610 $\pm$ 672.908 χ^2 /NDF: 10.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

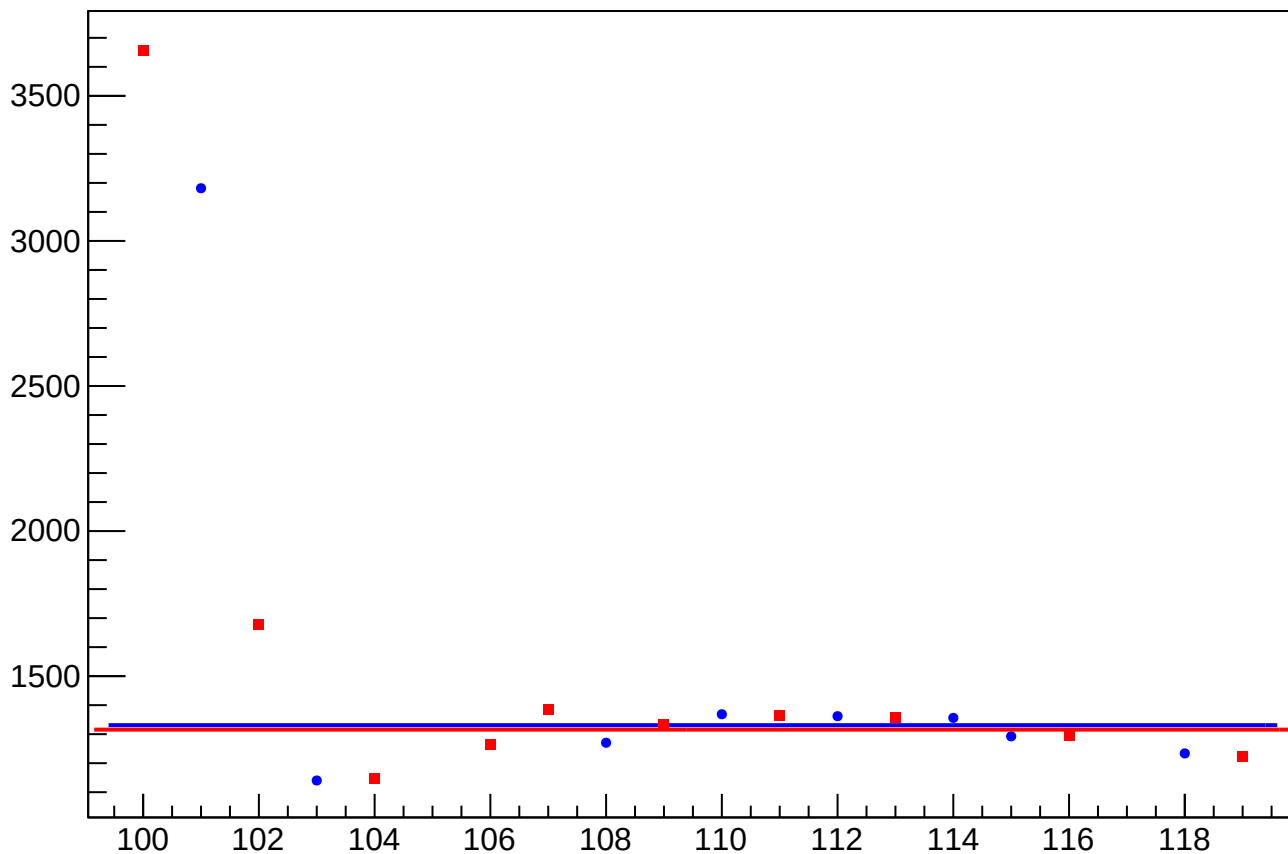
Right: -750.272 $\pm$ 504.019 χ^2 /NDF: 13.4/17

In: -1074.462 $\pm$ 760.724 χ^2 /NDF: 2.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -750.272 $\pm$ 504.019 χ^2 /NDF: 13.4/17

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486011.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.611+/-0.476 χ^2/NDF : 138635.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

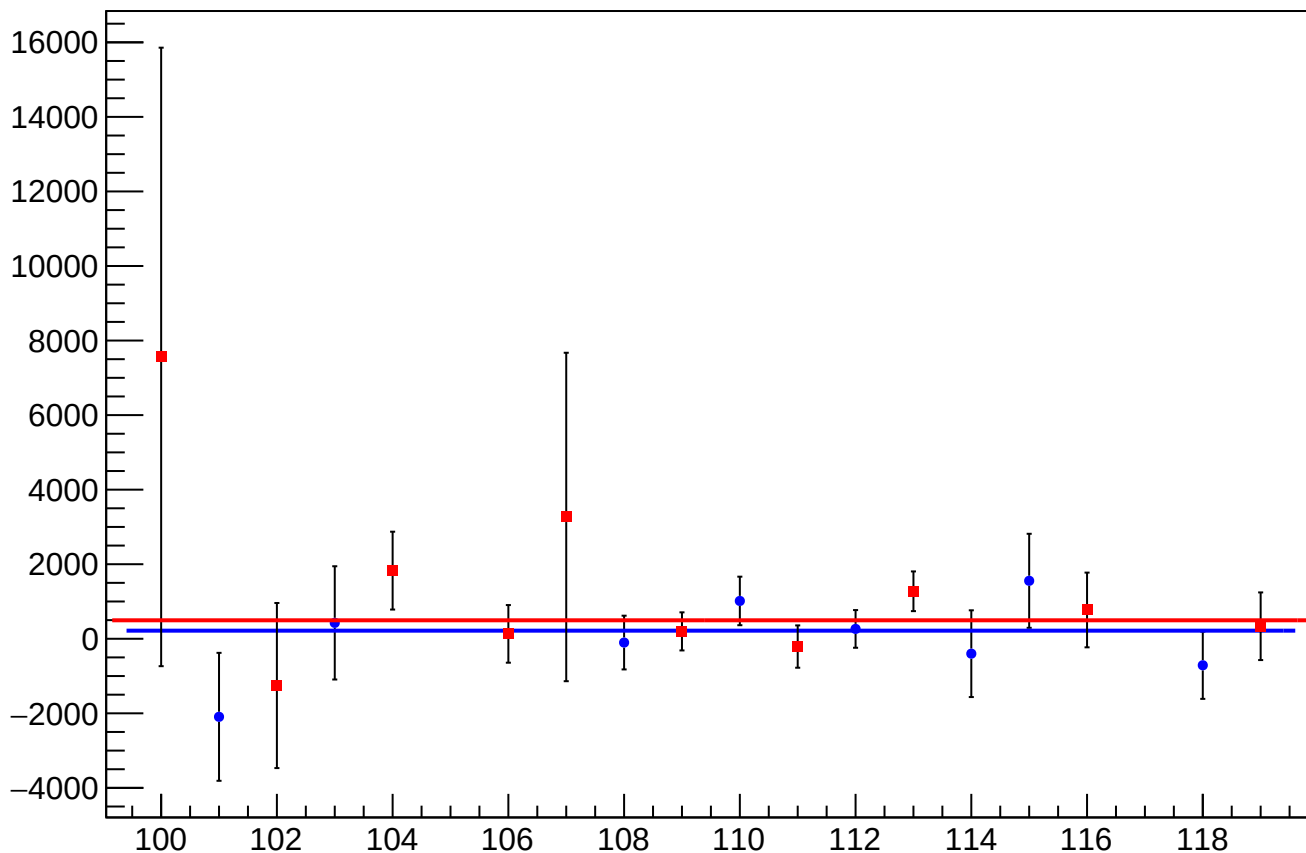
Right: 1322.370+/-0.356 χ^2/NDF : 625107.3/17

In: 1331.009+/-0.538 χ^2/NDF : 486011.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.370+/-0.356 χ^2/NDF : 625107.3/17

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 217.358+/-294.011 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.406+/-253.769 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

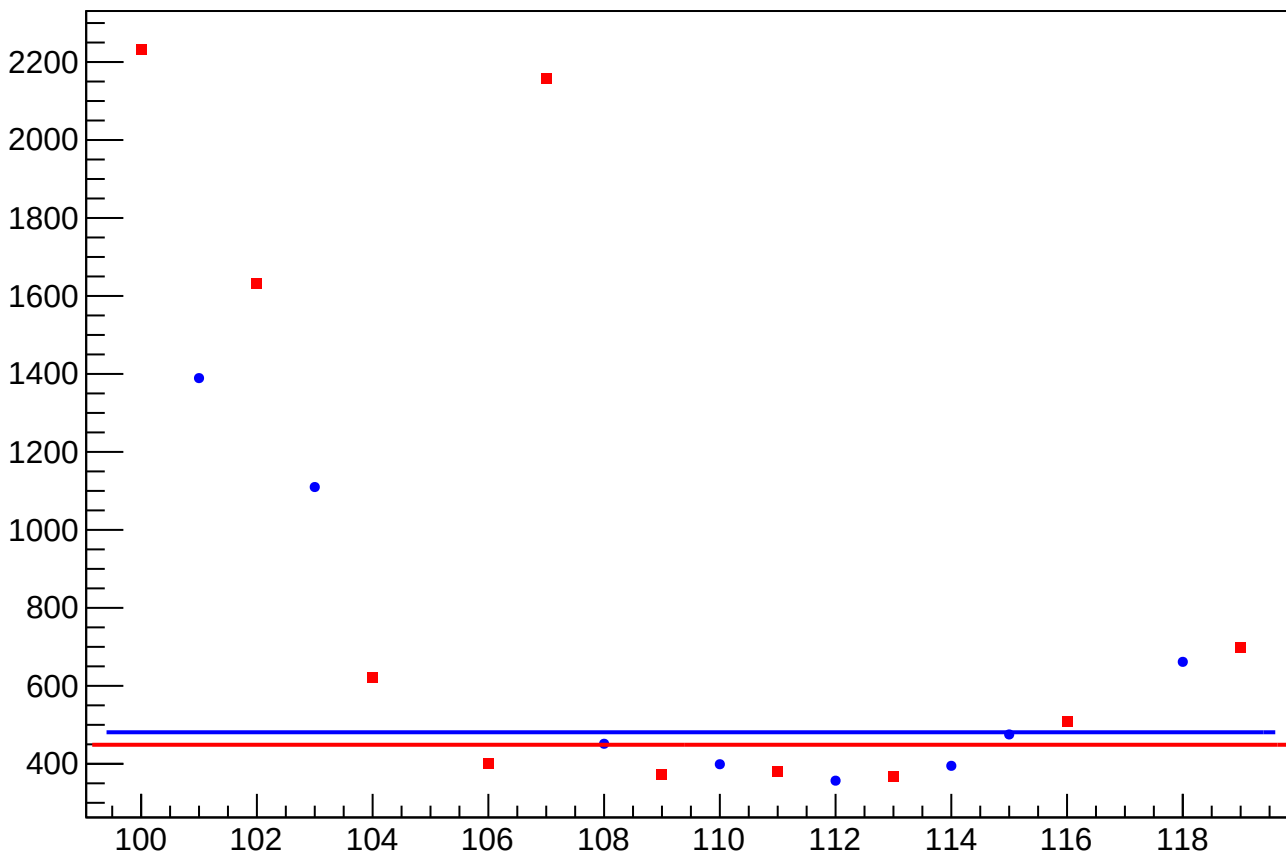
Right: 376.699+/-192.107 χ^2/NDF : 14.2/17

In: 217.358+/-294.011 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.699+/-192.107 χ^2/NDF : 14.2/17

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 480.949+/-0.208 χ^2/NDF : 1150034.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.890+/-0.179 χ^2/NDF : 1307299.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

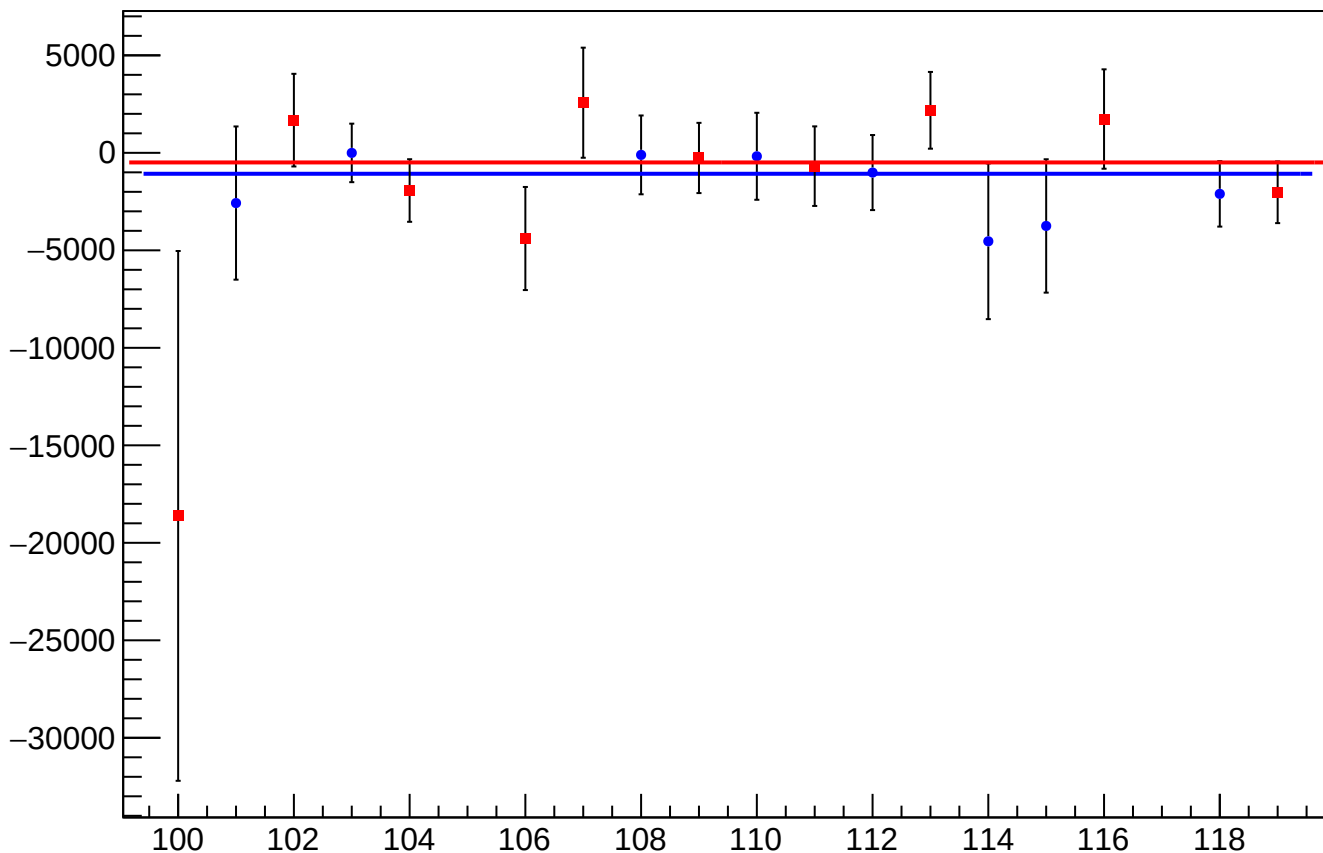
Right: 462.577+/-0.136 χ^2/NDF : 2470961.2/17

In: 480.949+/-0.208 χ^2/NDF : 1150034.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.577+/-0.136 χ^2/NDF : 2470961.2/17

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

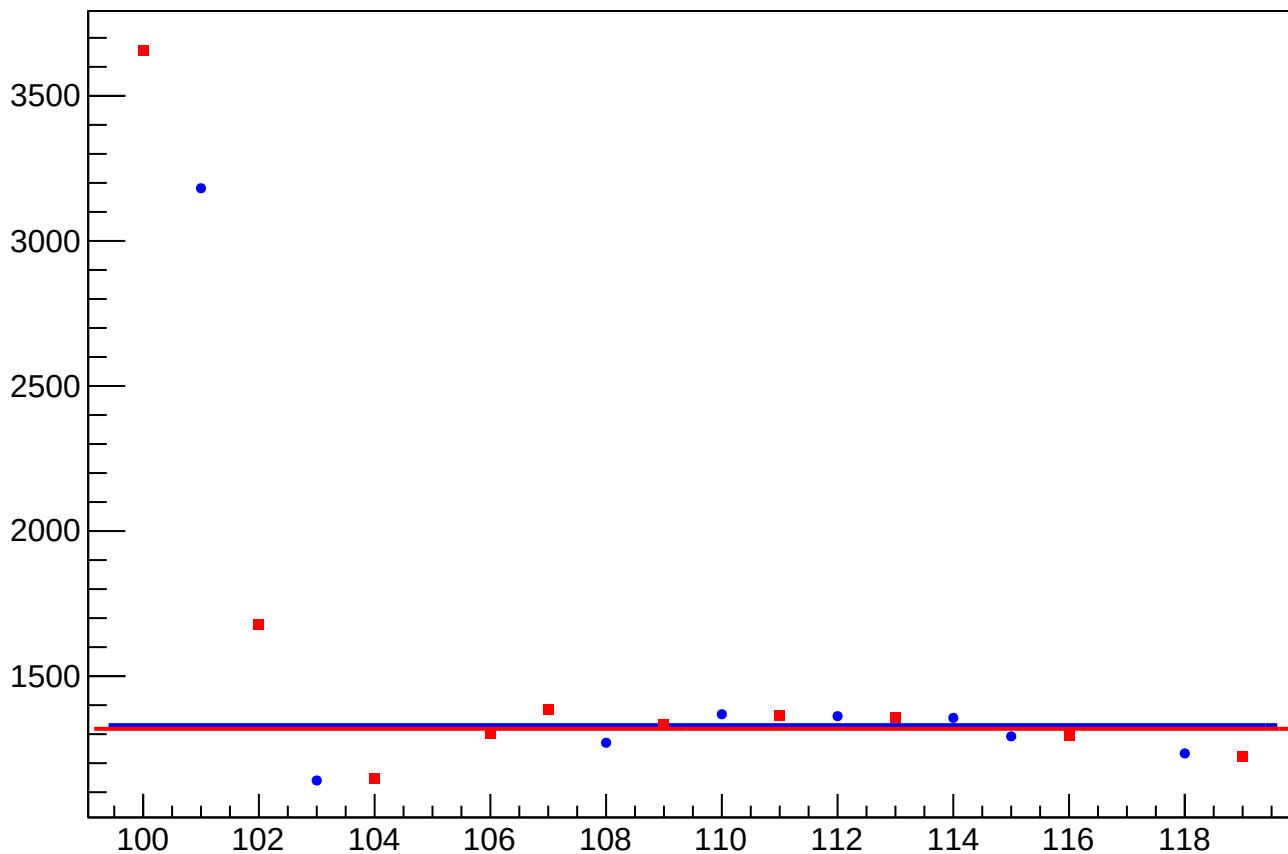
Right: -748.030+/-504.603 χ^2/NDF : 13.5/17

In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.030+/-504.603 χ^2/NDF : 13.5/17

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

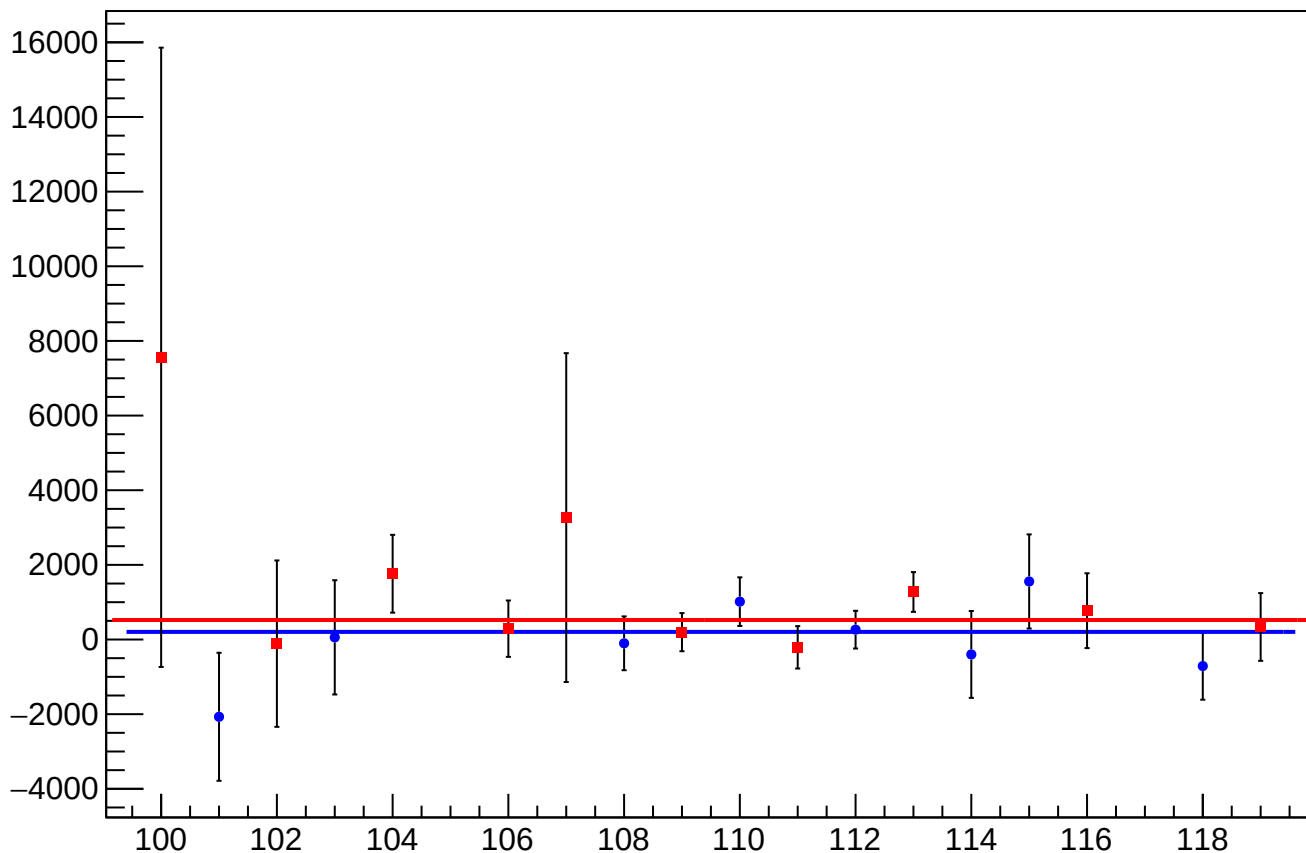
Right: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

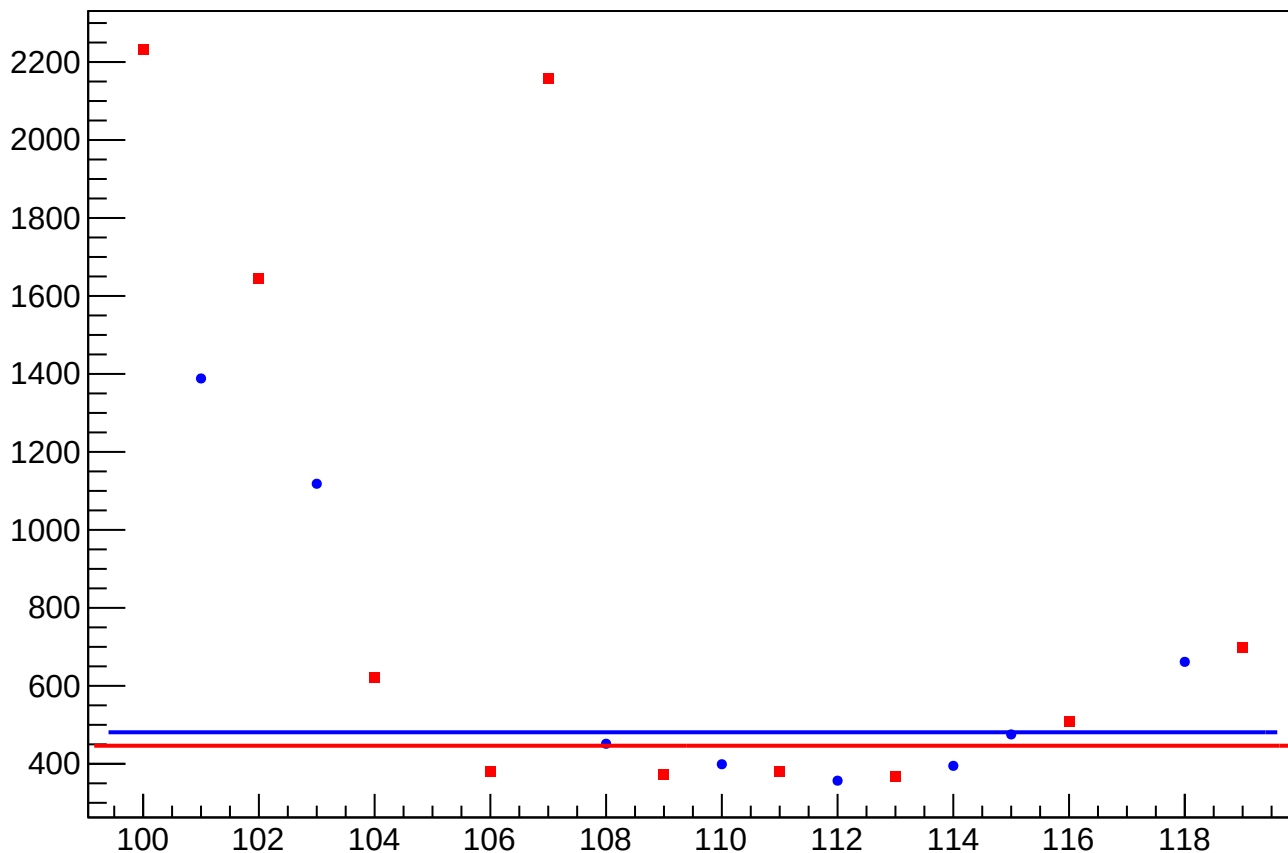
Right: 387.146+/-191.837 χ^2/NDF : 13.5/17

In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.146+/-191.837 χ^2/NDF : 13.5/17

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

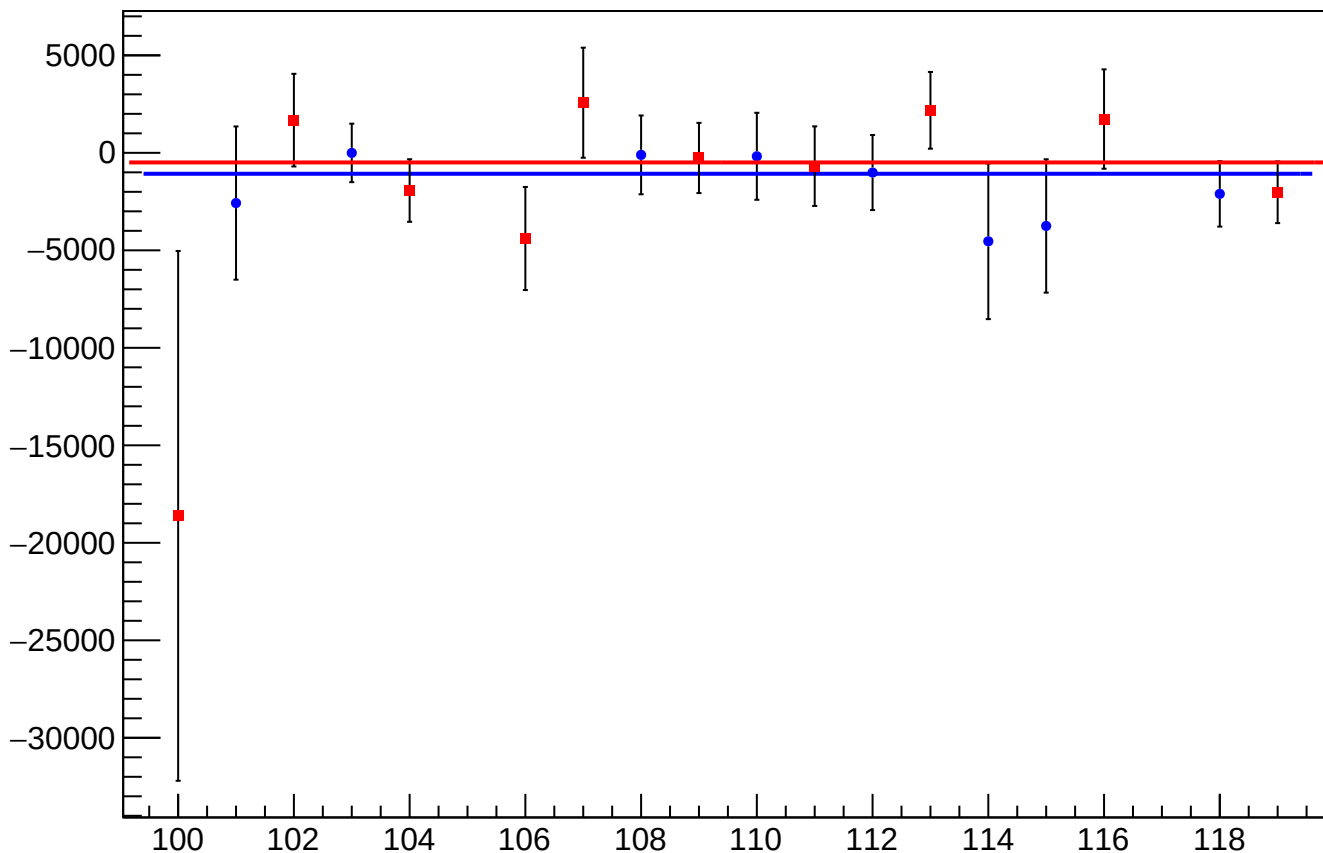
Right: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

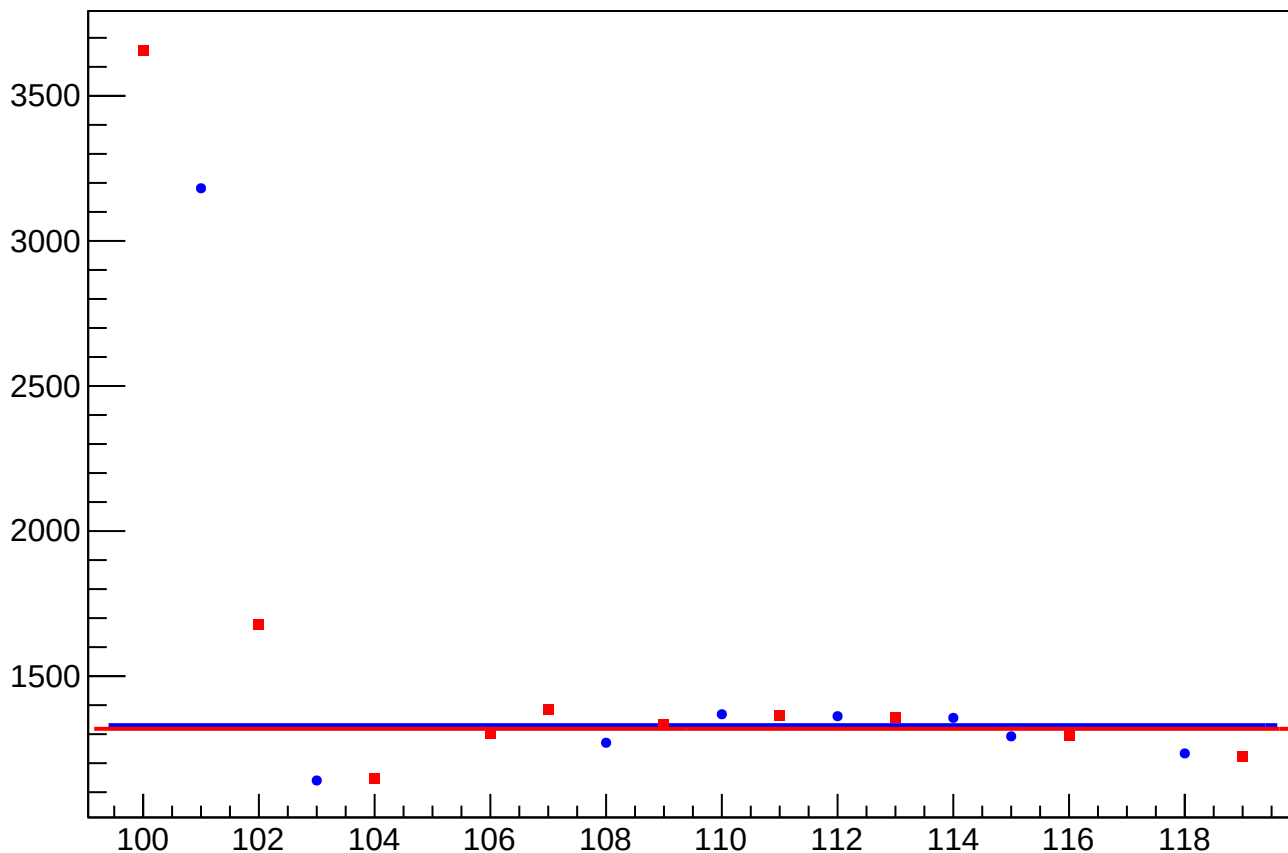
Right: -748.030+/-504.603 χ^2/NDF : 13.5/17

In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.030+/-504.603 χ^2/NDF : 13.5/17

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

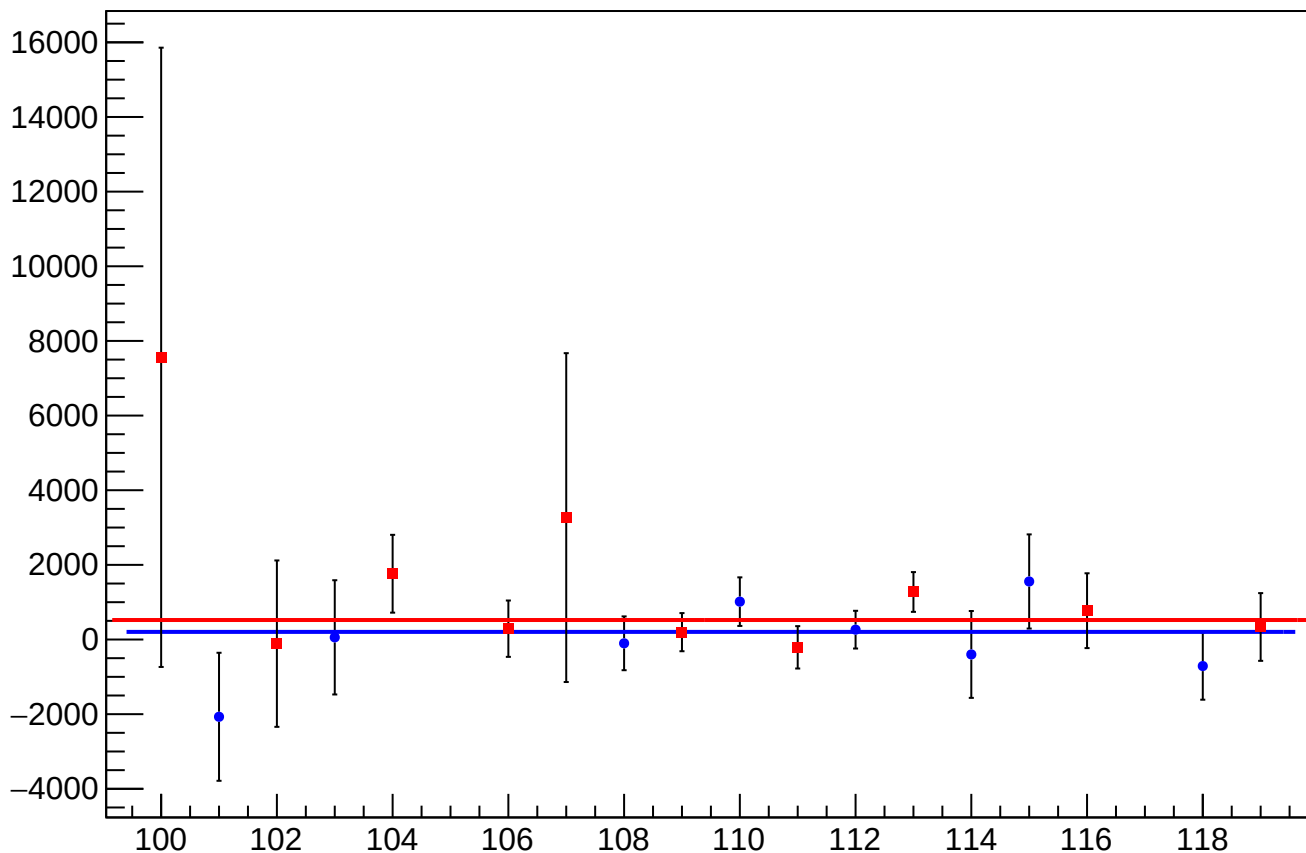
Right: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

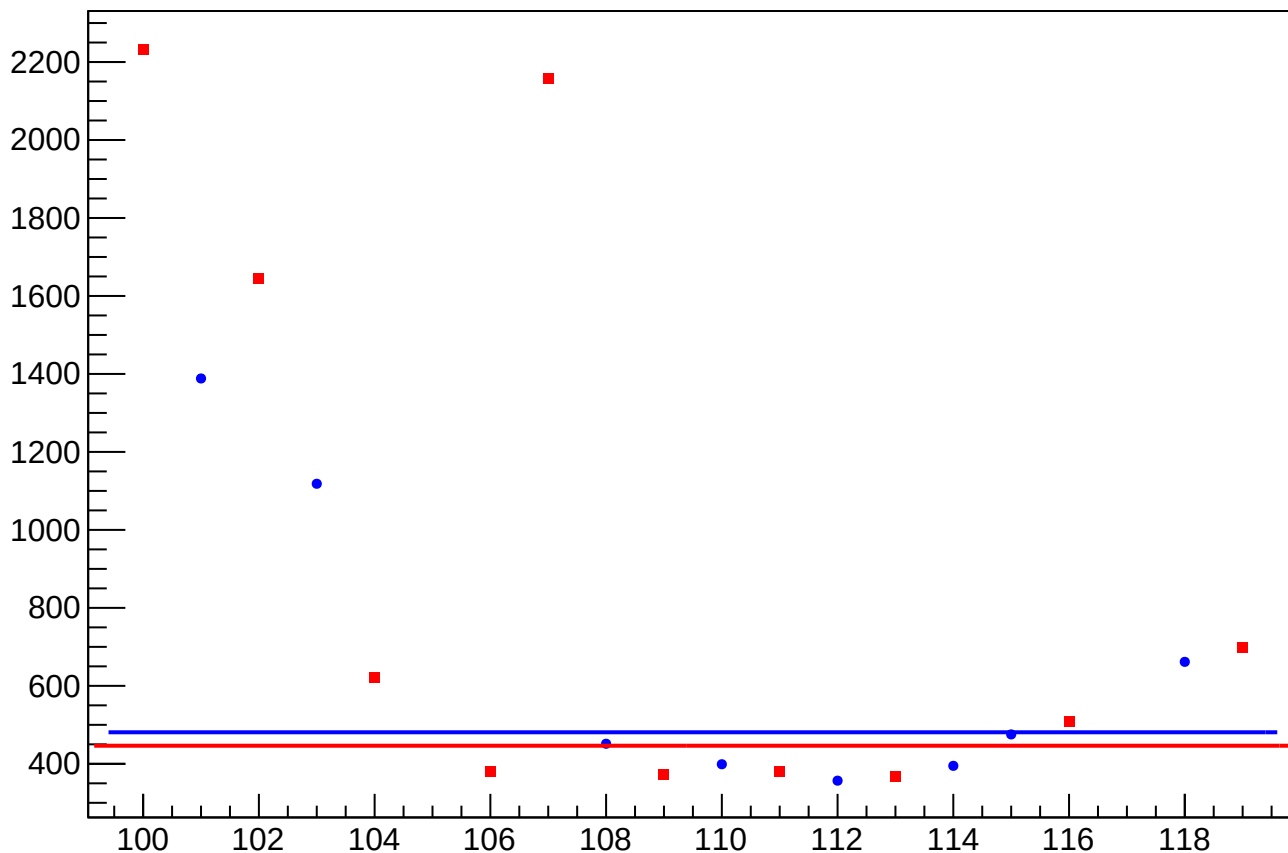
Right: 387.146+/-191.837 χ^2/NDF : 13.5/17

In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.146+/-191.837 χ^2/NDF : 13.5/17

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

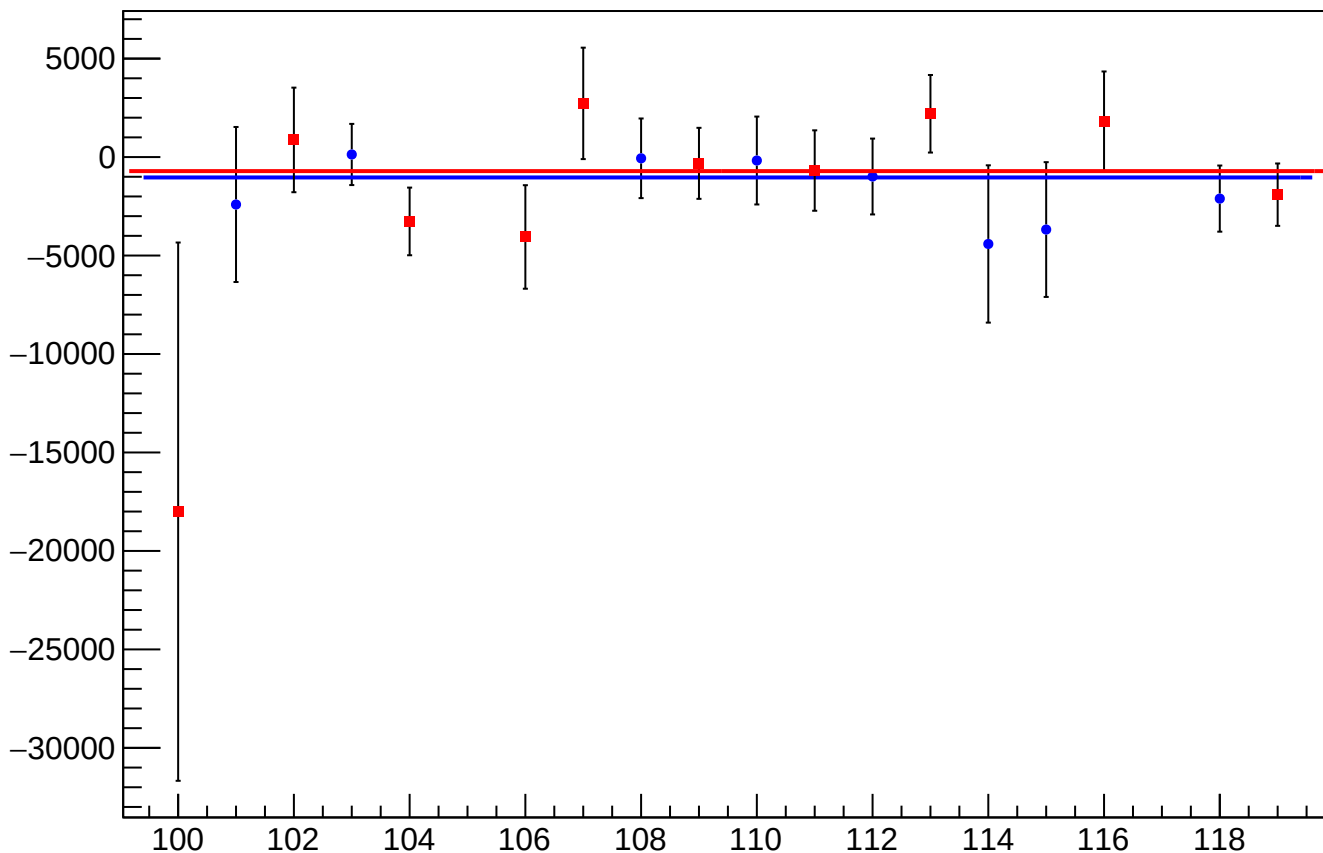
Right: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1034.889+/-767.690 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.913+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

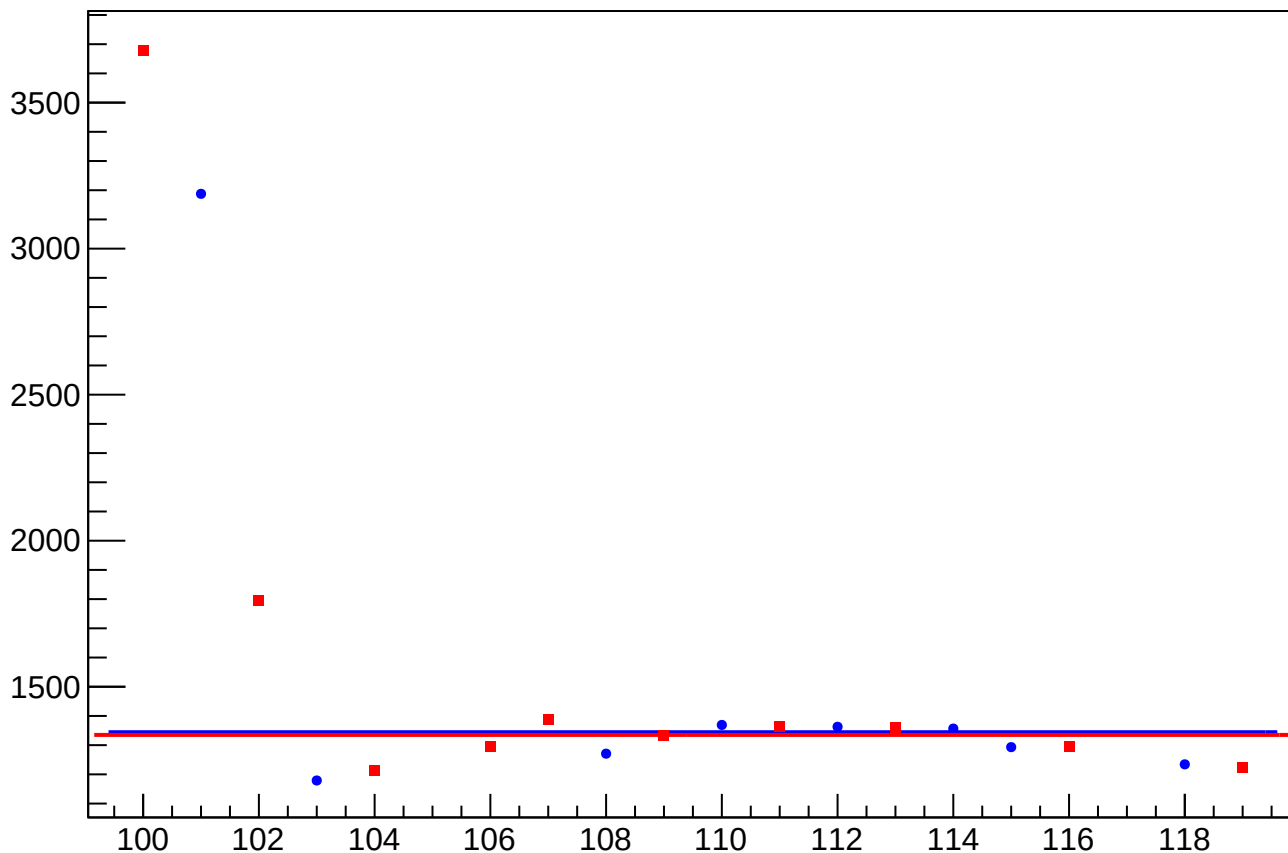
Right: -856.286+/-512.281 χ^2/NDF : 13.9/17

In: -1034.889+/-767.690 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -856.286+/-512.281 χ^2/NDF : 13.9/17

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1344.263+/-0.543 χ^2/NDF : 473389.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

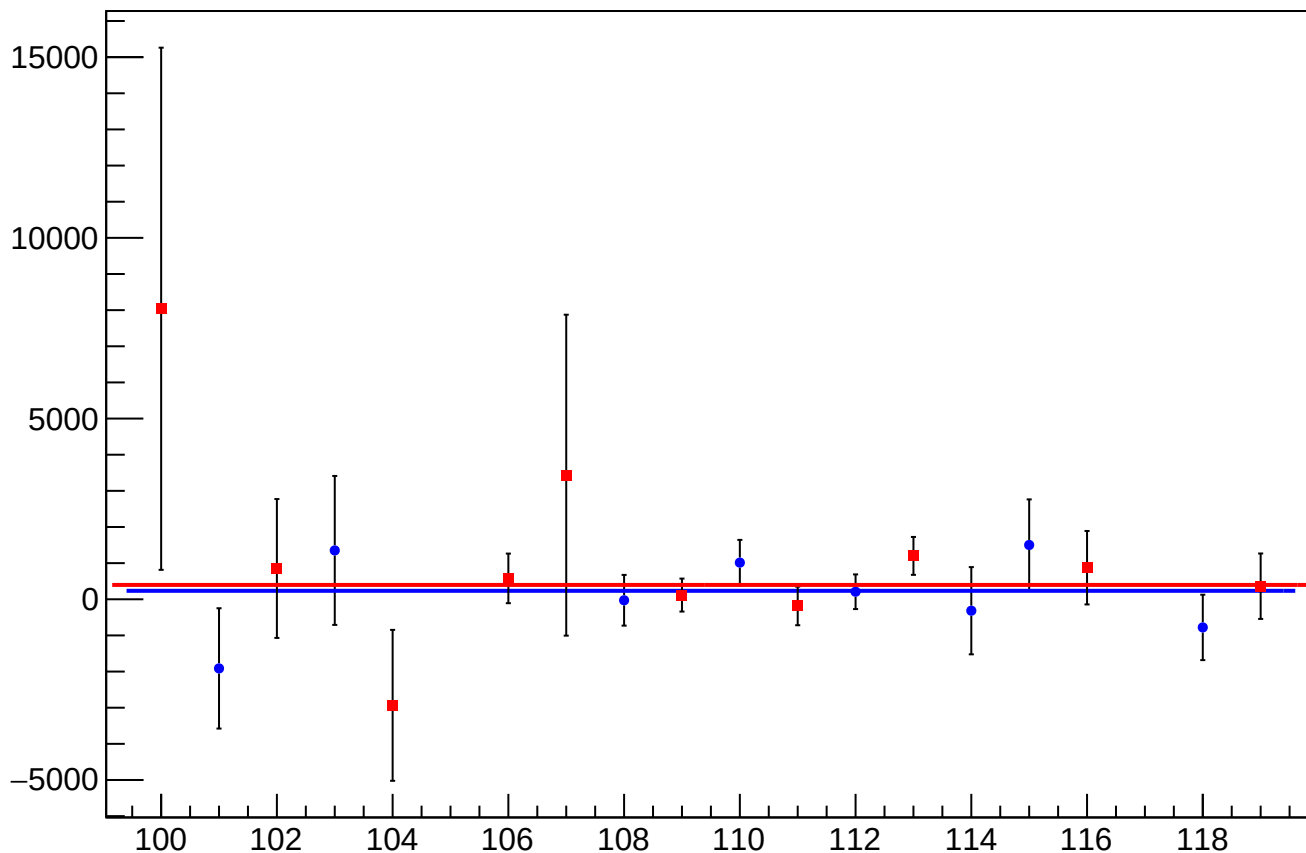
Right: 1339.158+/-0.362 χ^2/NDF : 614705.3/17

In: 1344.263+/-0.543 χ^2/NDF : 473389.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.158+/-0.362 χ^2/NDF : 614705.3/17

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.126+/-288.247 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.178+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

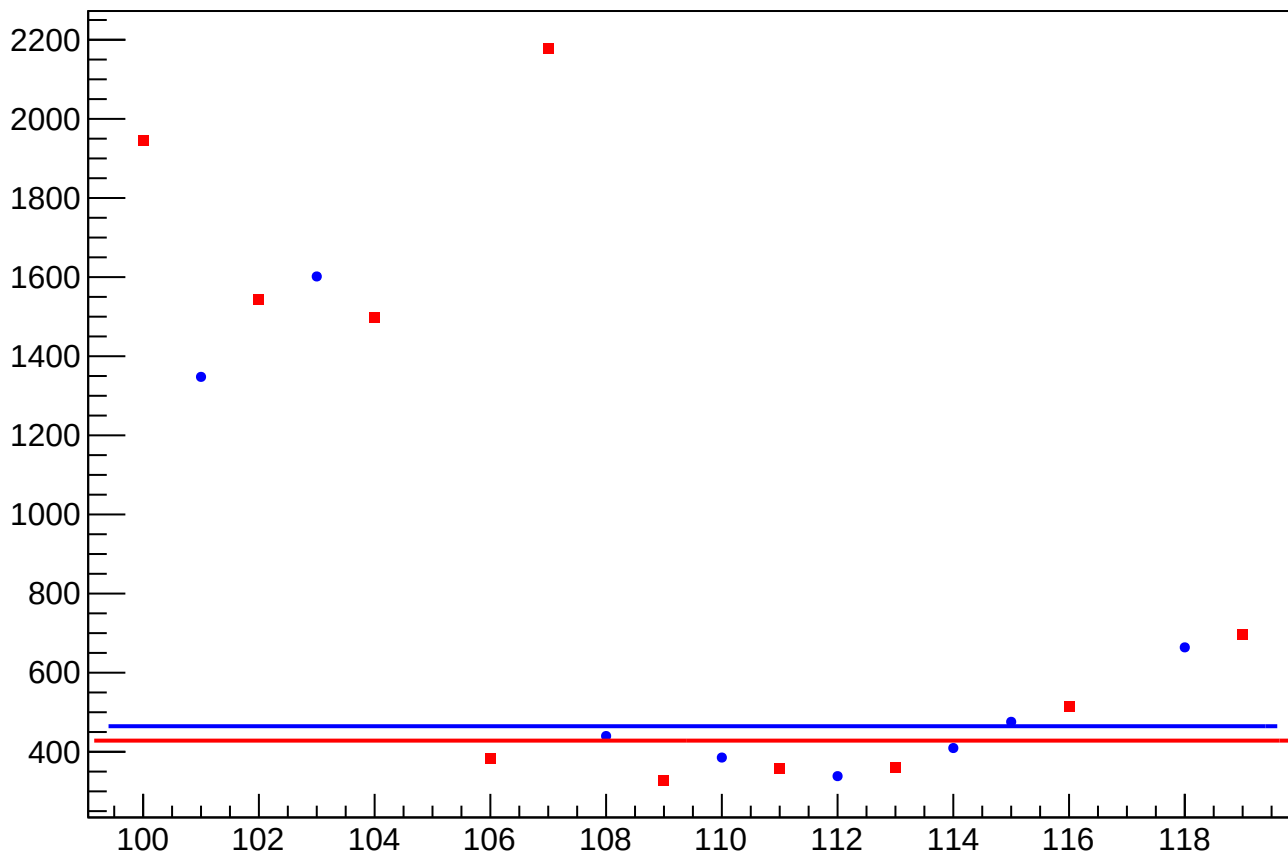
Right: 329.177+/-186.149 χ^2/NDF : 14.7/17

In: 234.126+/-288.247 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.177+/-186.149 χ^2/NDF : 14.7/17

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 464.680+/-0.204 χ^2/NDF : 1445937.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.276+/-0.172 χ^2/NDF : 1964489.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

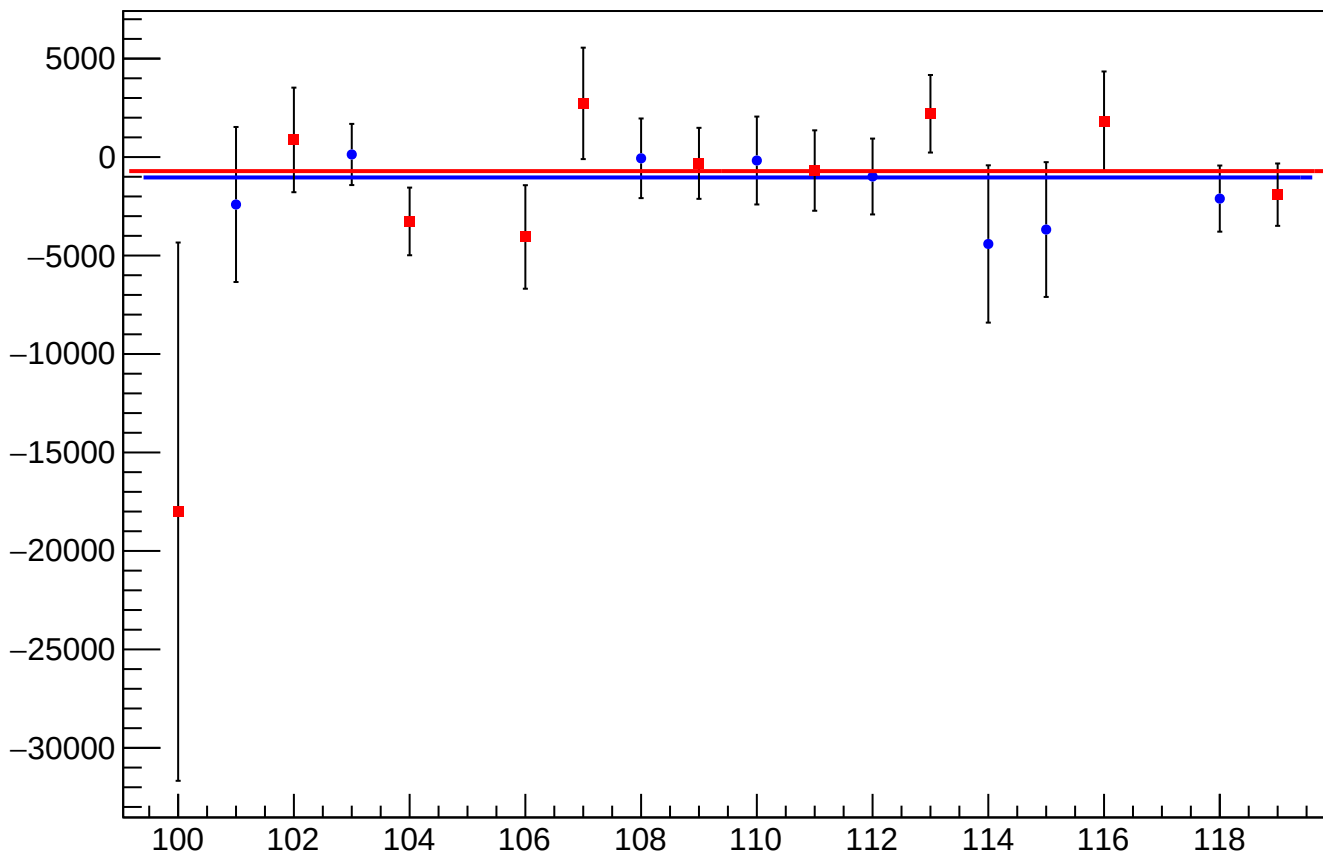
Right: 443.458+/-0.132 χ^2/NDF : 3429023.8/17

In: 464.680+/-0.204 χ^2/NDF : 1445937.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.458+/-0.132 χ^2/NDF : 3429023.8/17

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1034.887+/-767.690 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.914+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

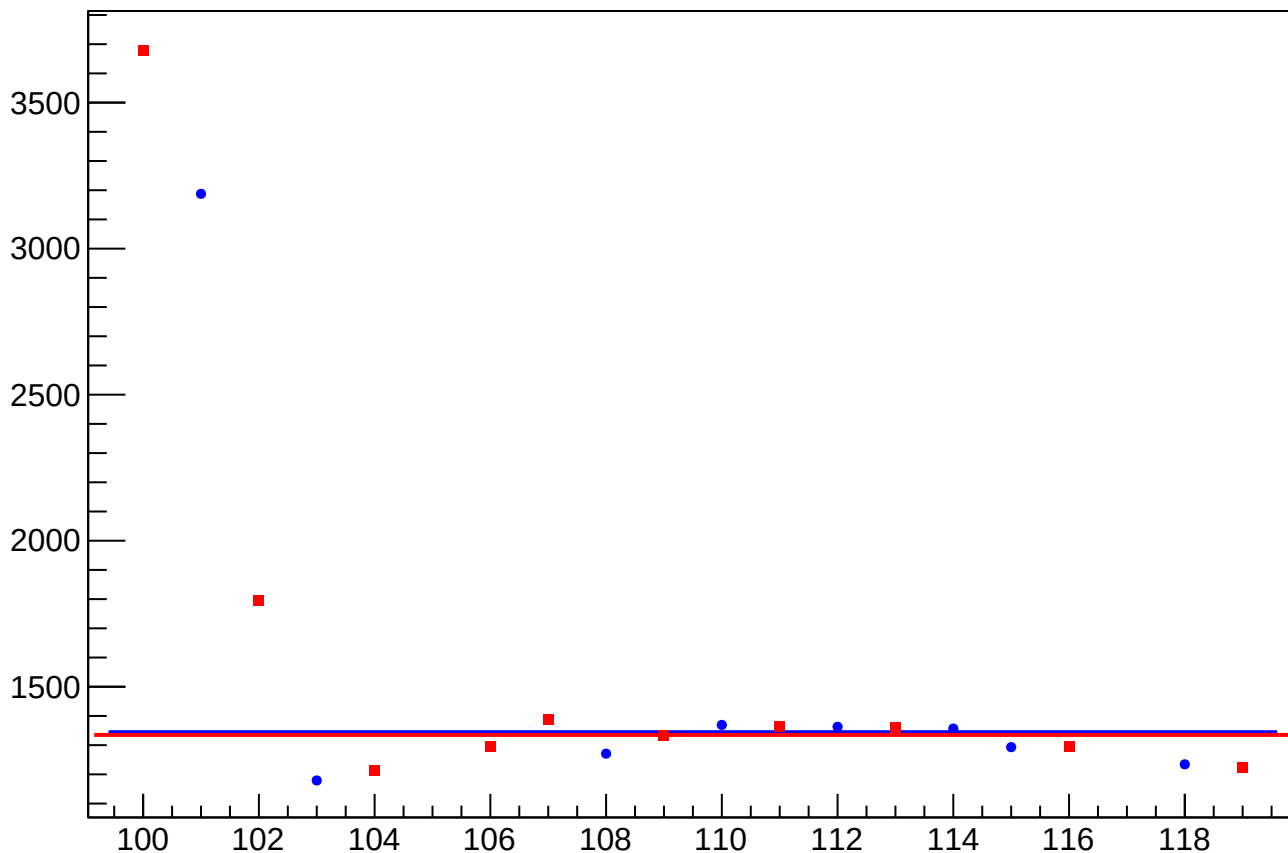
Right: -856.285+/-512.281 χ^2/NDF : 13.9/17

In: -1034.887+/-767.690 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -856.285+/-512.281 χ^2/NDF : 13.9/17

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1344.263+/-0.543 χ^2/NDF : 473389.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

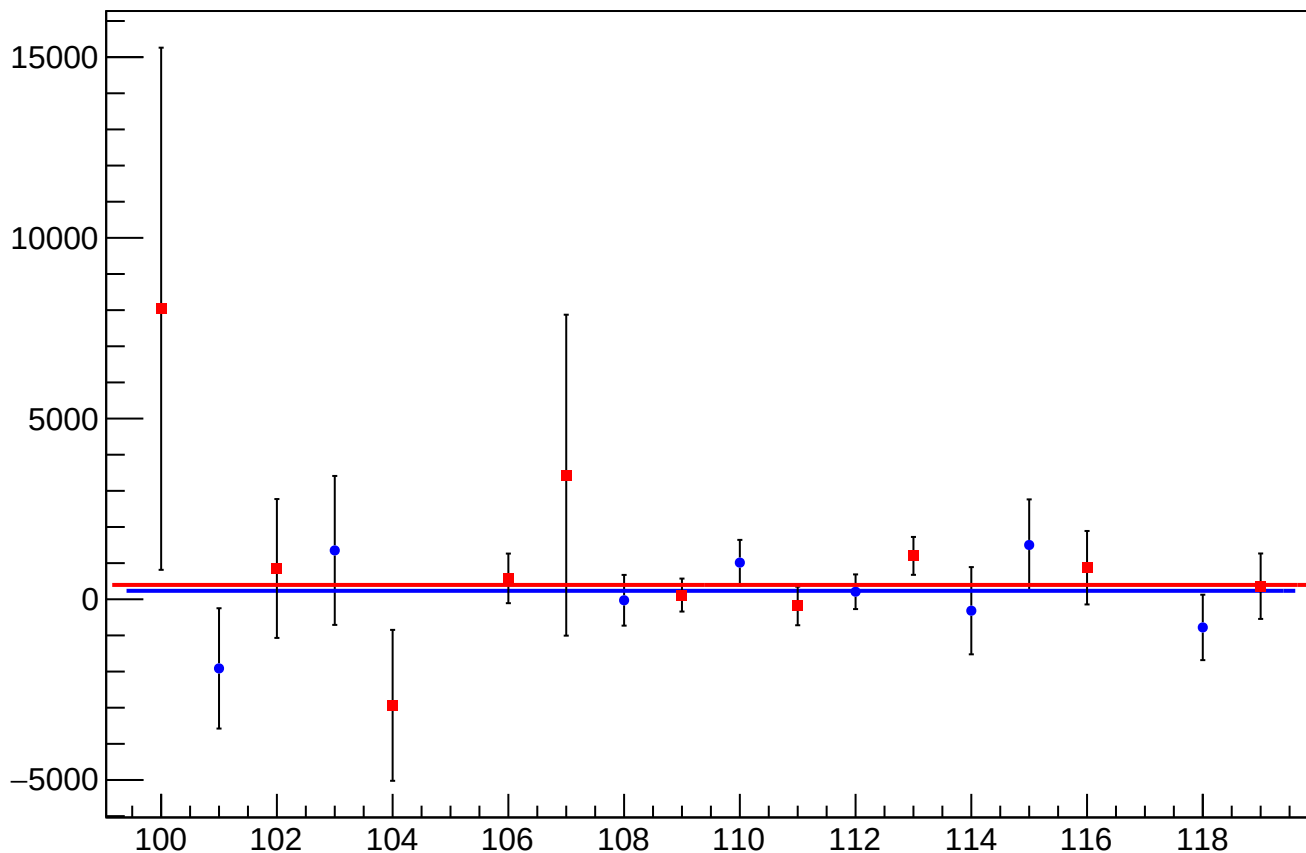
Right: 1339.158+/-0.362 χ^2/NDF : 614705.2/17

In: 1344.263+/-0.543 χ^2/NDF : 473389.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.158+/-0.362 χ^2/NDF : 614705.2/17

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.126+/-288.246 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.177+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

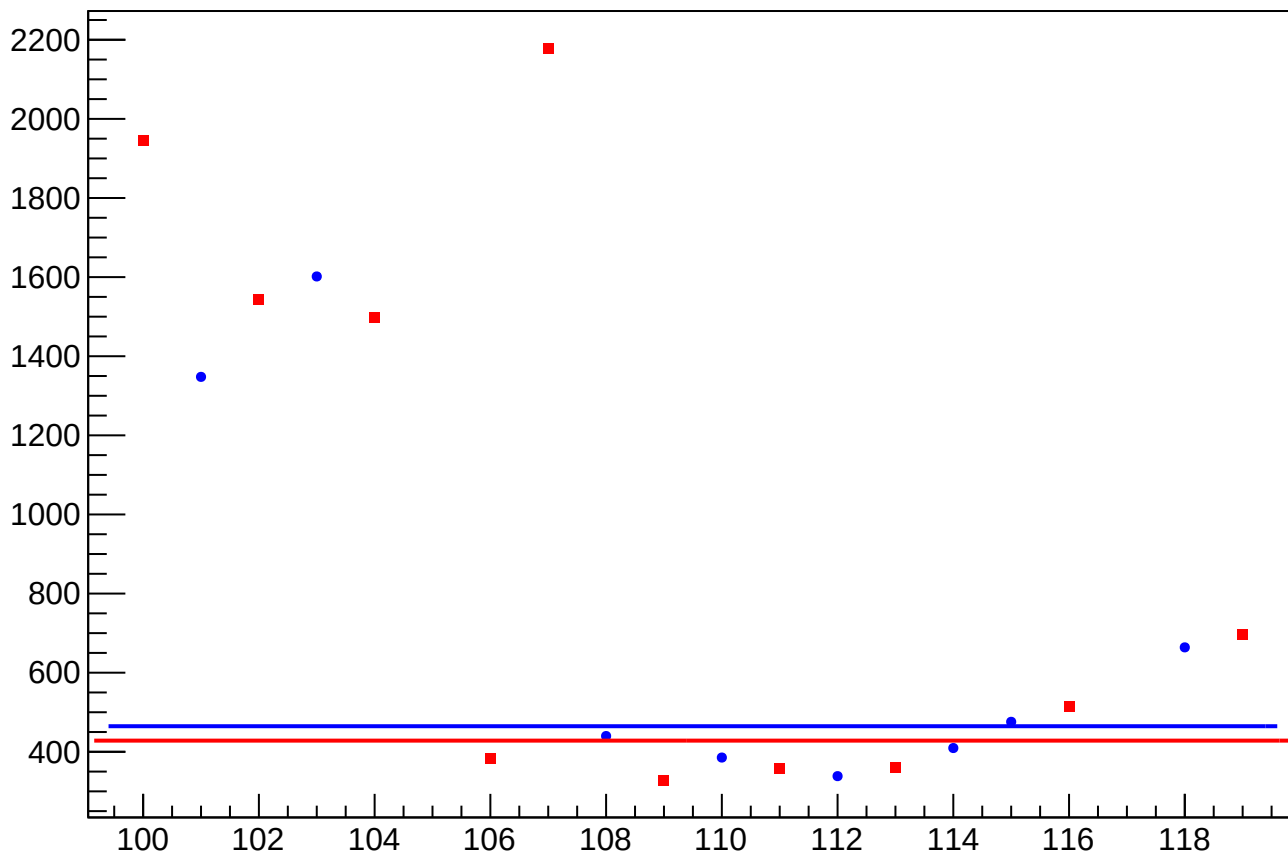
Right: 329.176+/-186.148 χ^2/NDF : 14.7/17

In: 234.126+/-288.246 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.176+/-186.148 χ^2/NDF : 14.7/17

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 464.677+/-0.204 χ^2/NDF : 1445943.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.274+/-0.172 χ^2/NDF : 1964499.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

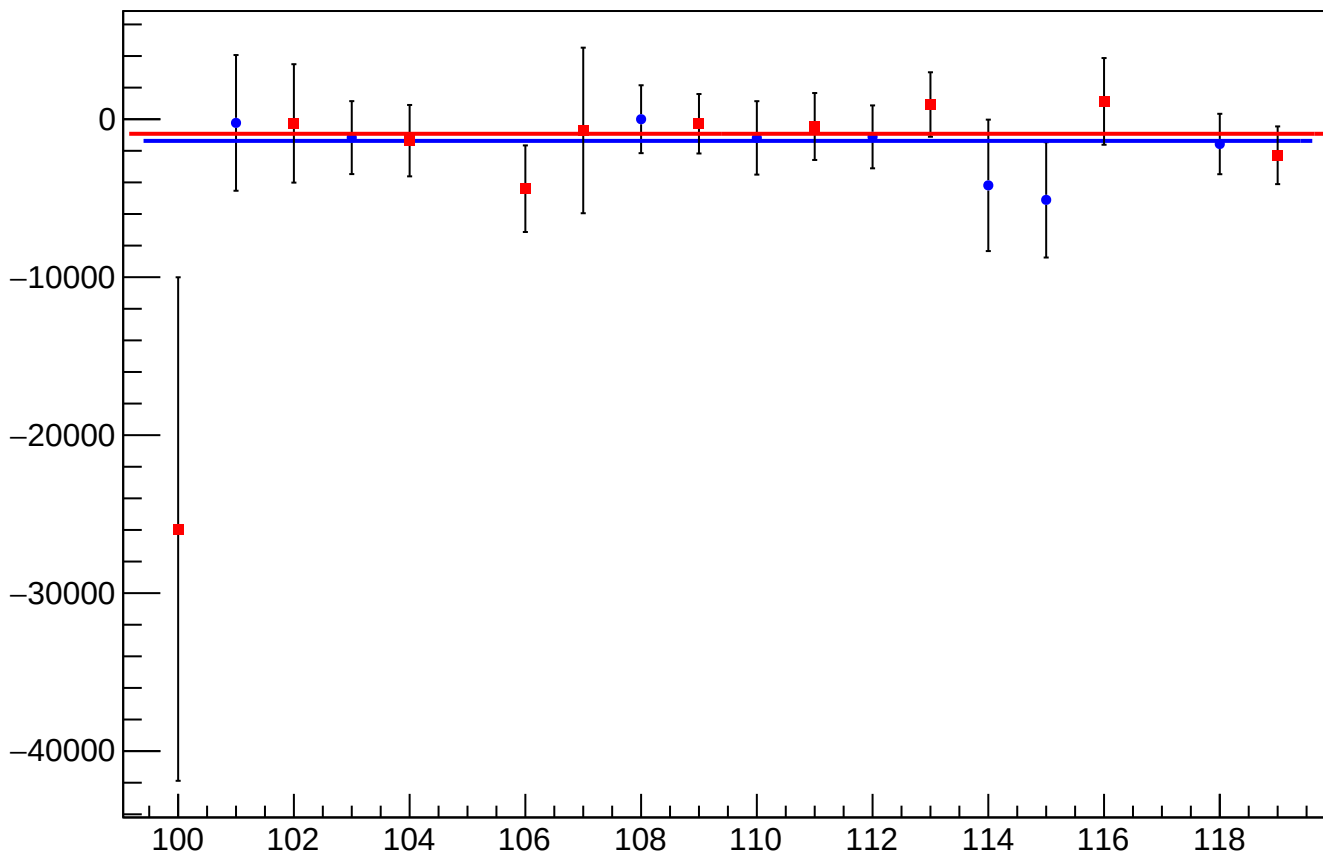
Right: 443.456+/-0.132 χ^2/NDF : 3429038.9/17

In: 464.677+/-0.204 χ^2/NDF : 1445943.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.456+/-0.132 χ^2/NDF : 3429038.9/17

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -1372.007+/-876.328 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -922.444+/-786.069 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

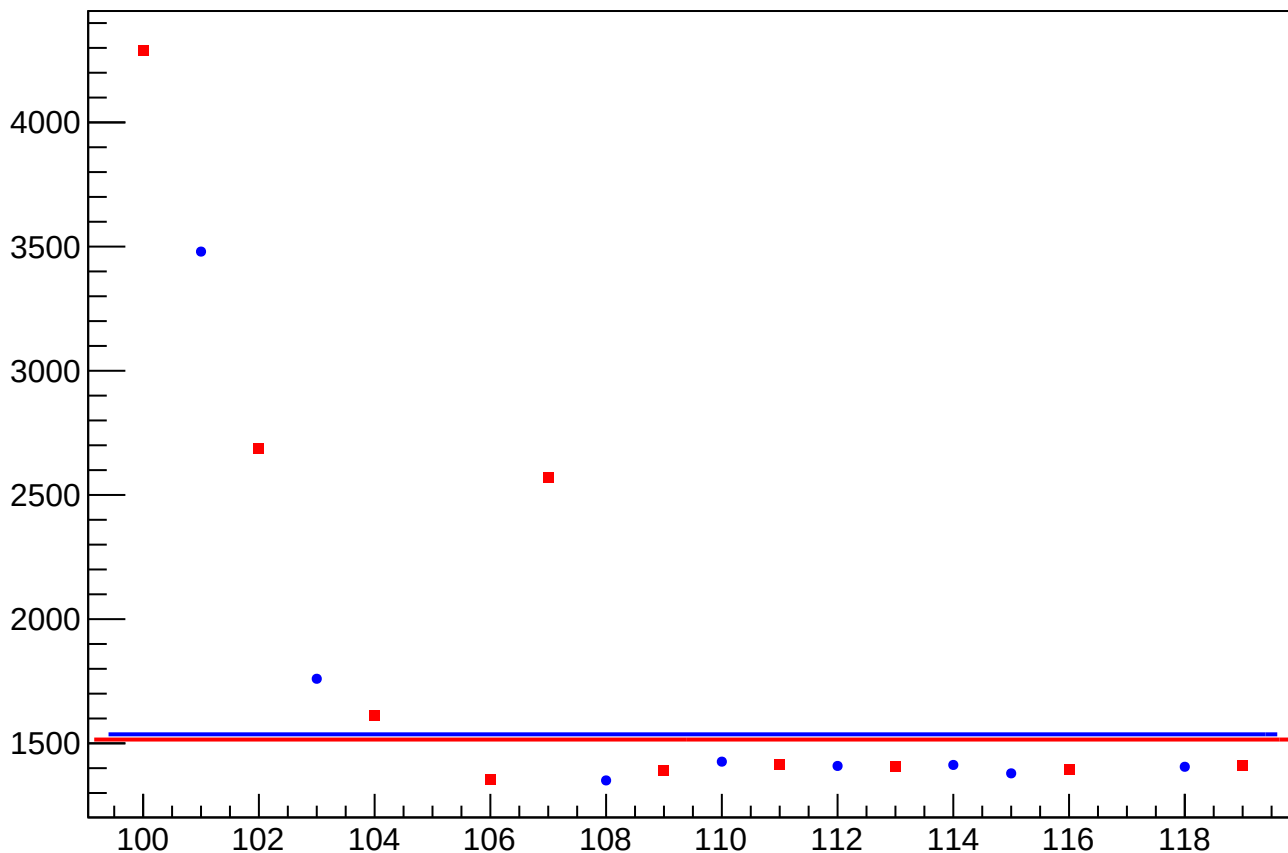
Right: -1122.888+/-585.152 χ^2/NDF : 8.4/17

In: -1372.007+/-876.328 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1122.888+/-585.152 χ^2/NDF : 8.4/17

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1536.228+/-0.620 χ^2/NDF : 470629.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.224+/-0.556 χ^2/NDF : 376520.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

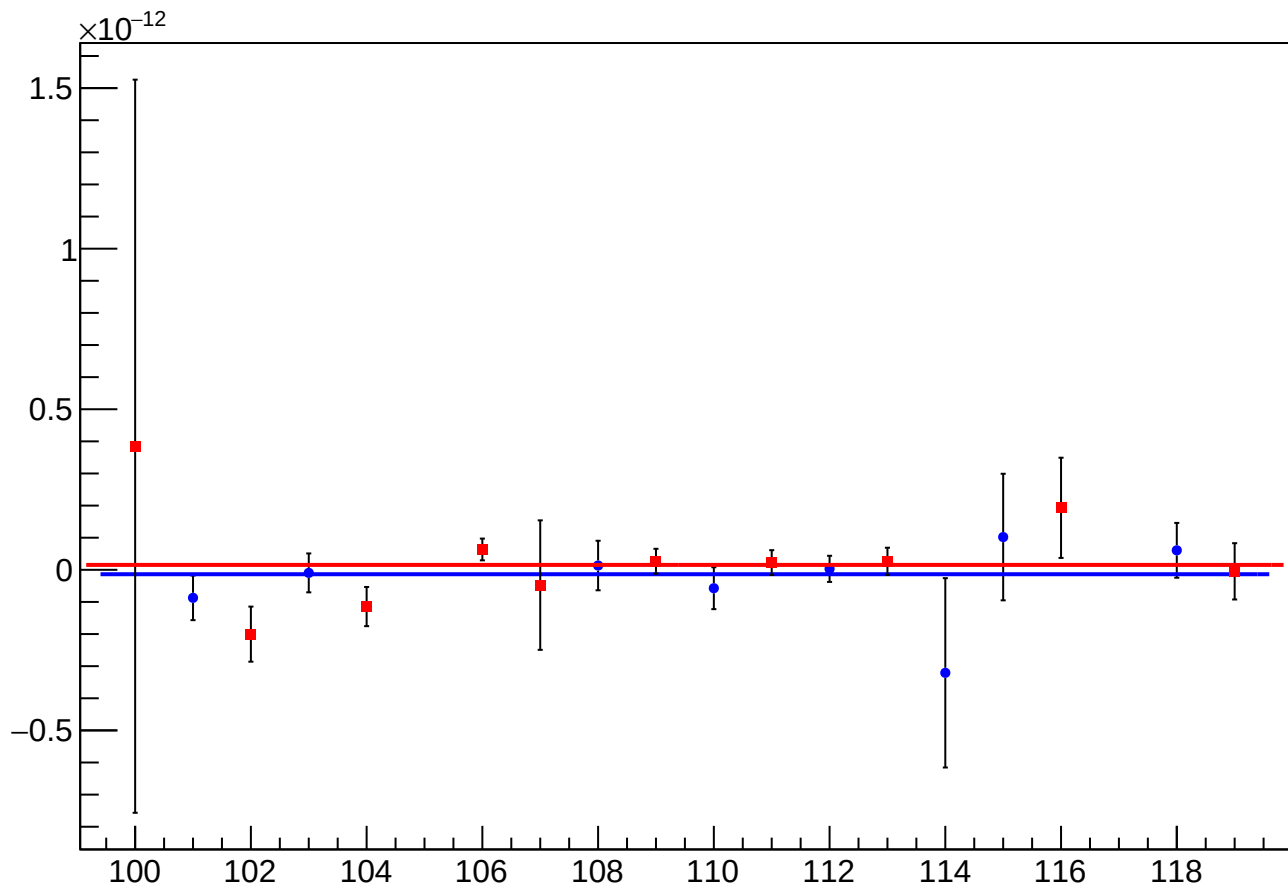
Right: 1524.589+/-0.414 χ^2/NDF : 847787.2/17

In: 1536.228+/-0.620 χ^2/NDF : 470629.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.589+/-0.414 χ^2/NDF : 847787.2/17

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

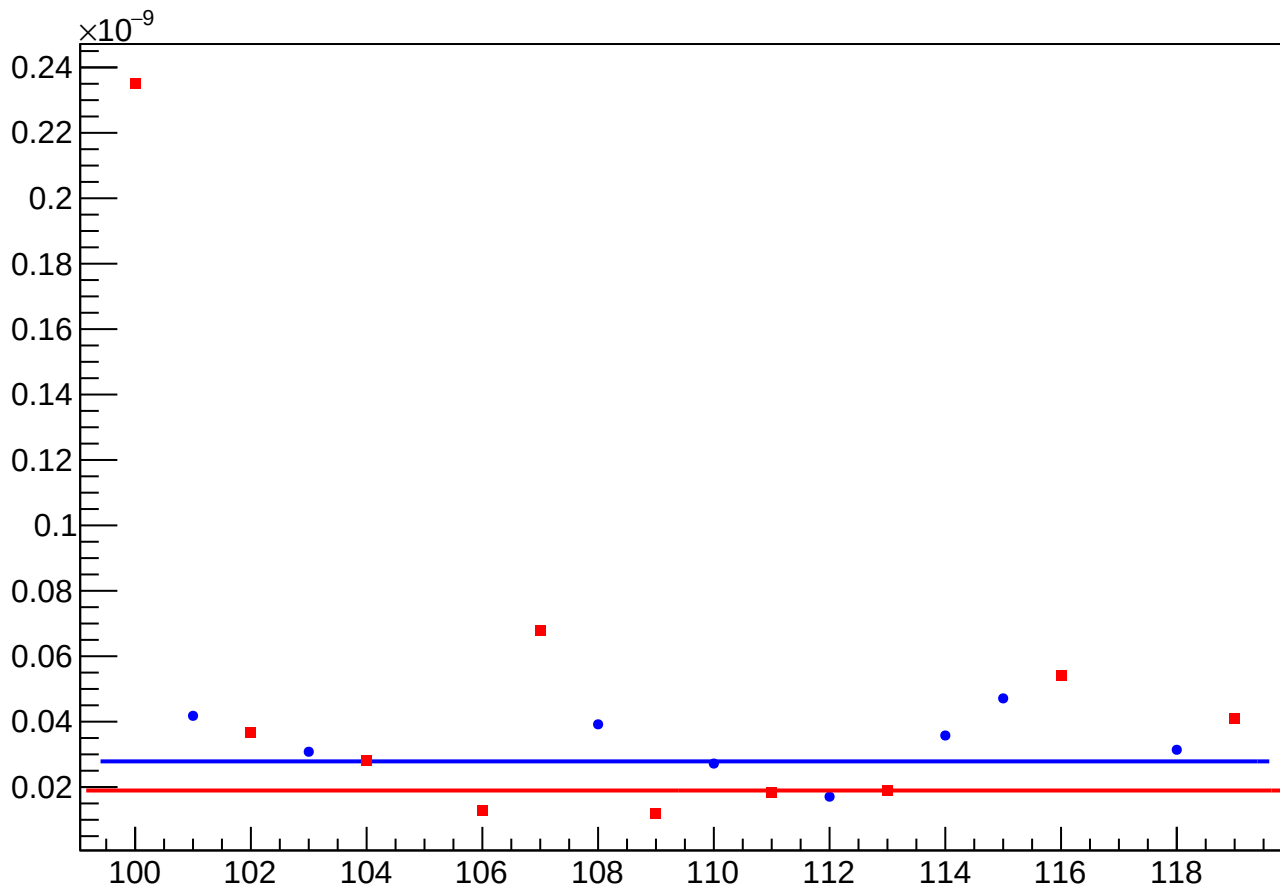
Right: 0.000+/-0.000 χ^2/NDF : 19.6/17

In: -0.000+/-0.000 χ^2/NDF :4.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/17

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 292980.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683711.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

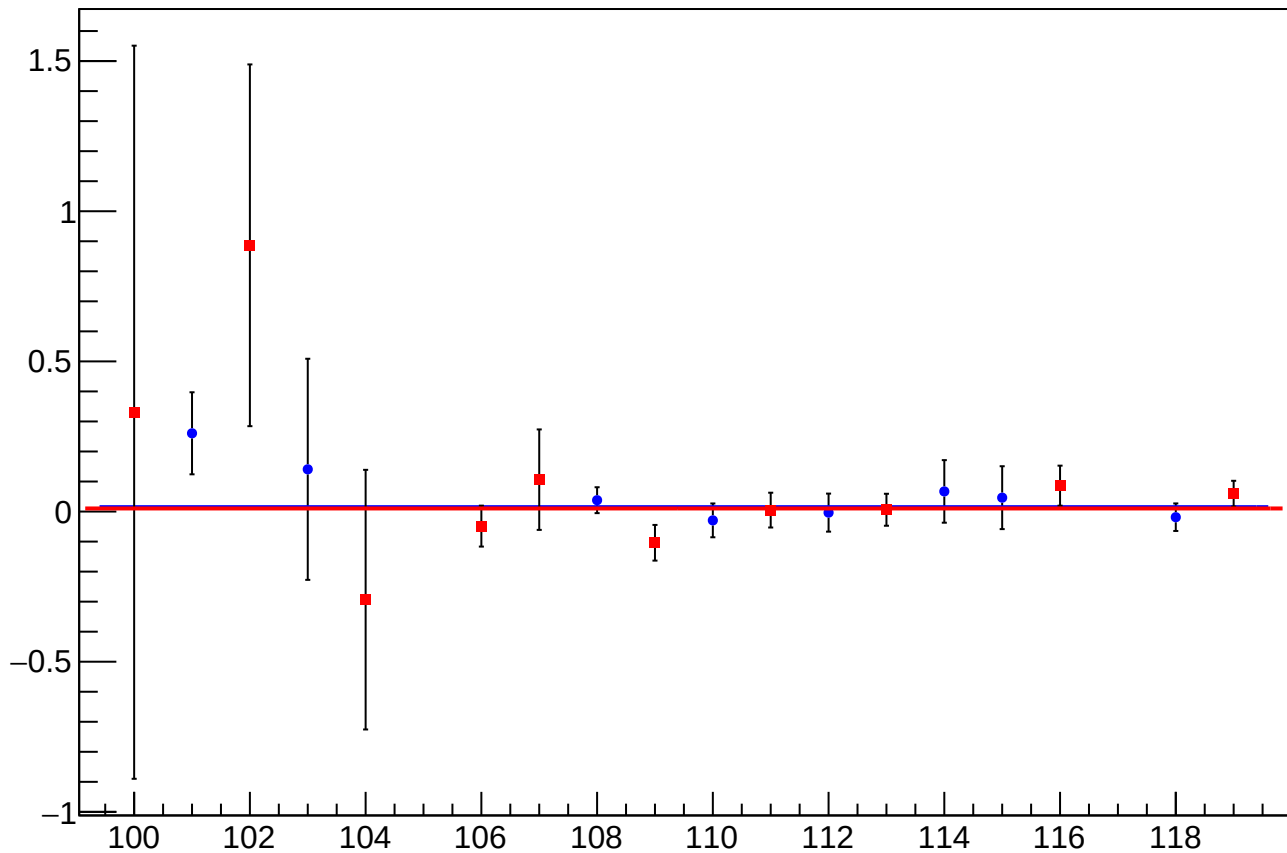
Right: 0.000+/-0.000 χ^2/NDF : 1153181.0/17

In: 0.000+/-0.000 χ^2/NDF : 292980.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1153181.0/17

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

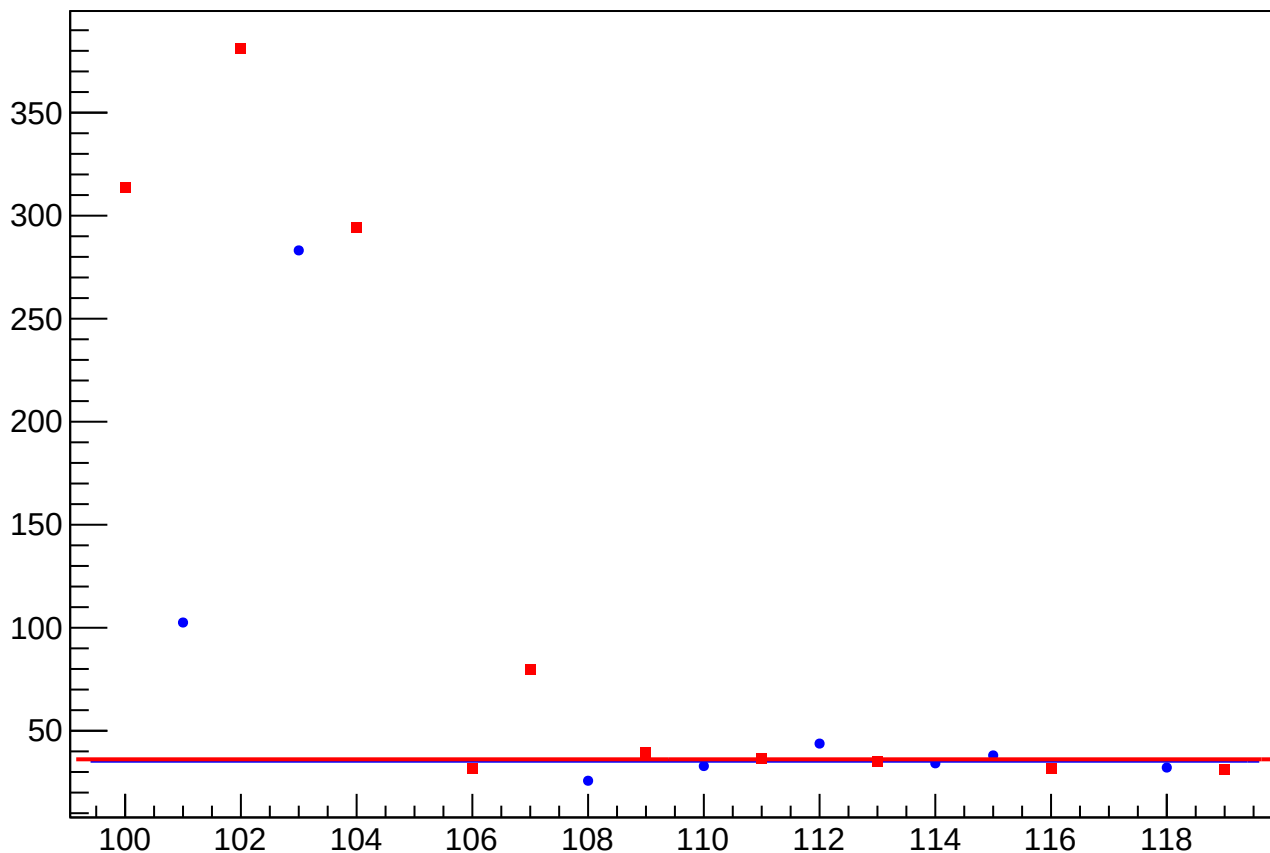
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

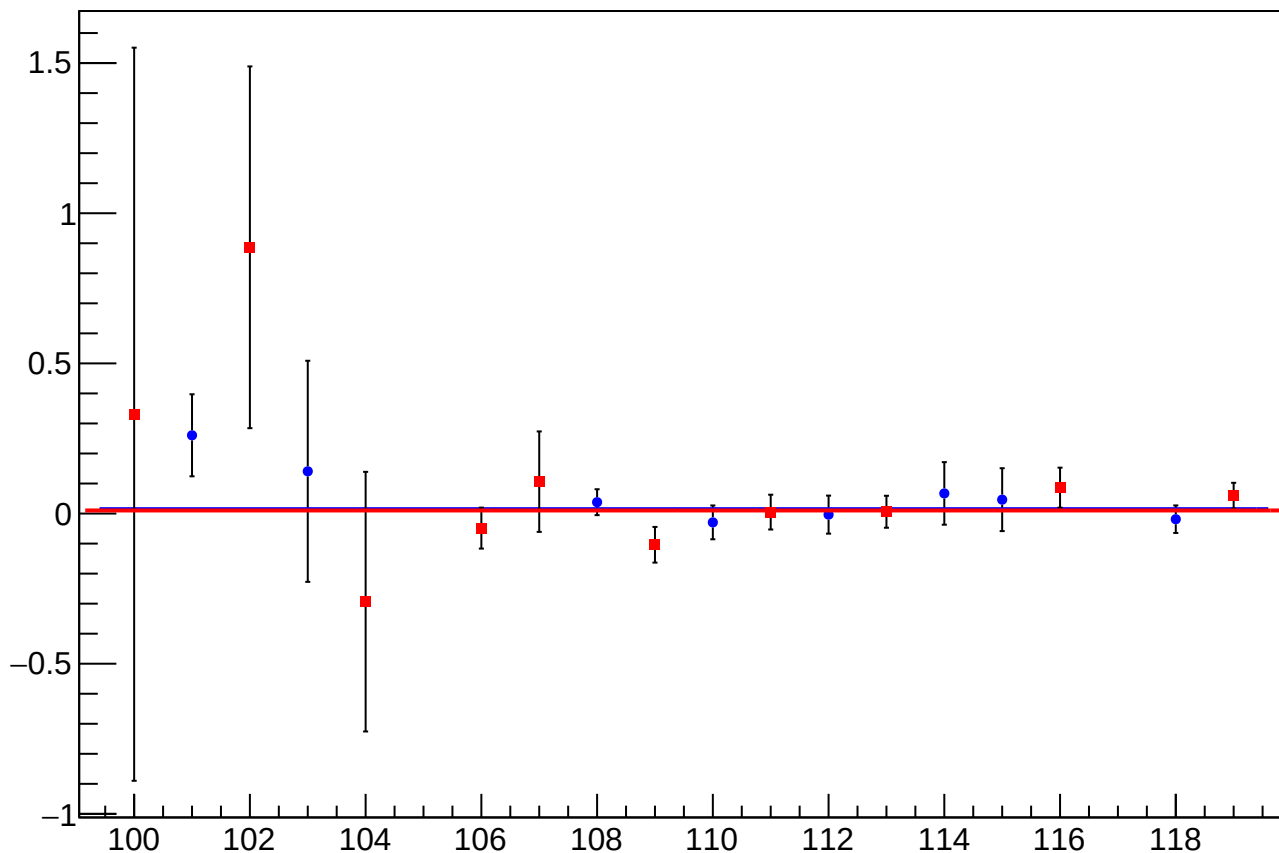
Right: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

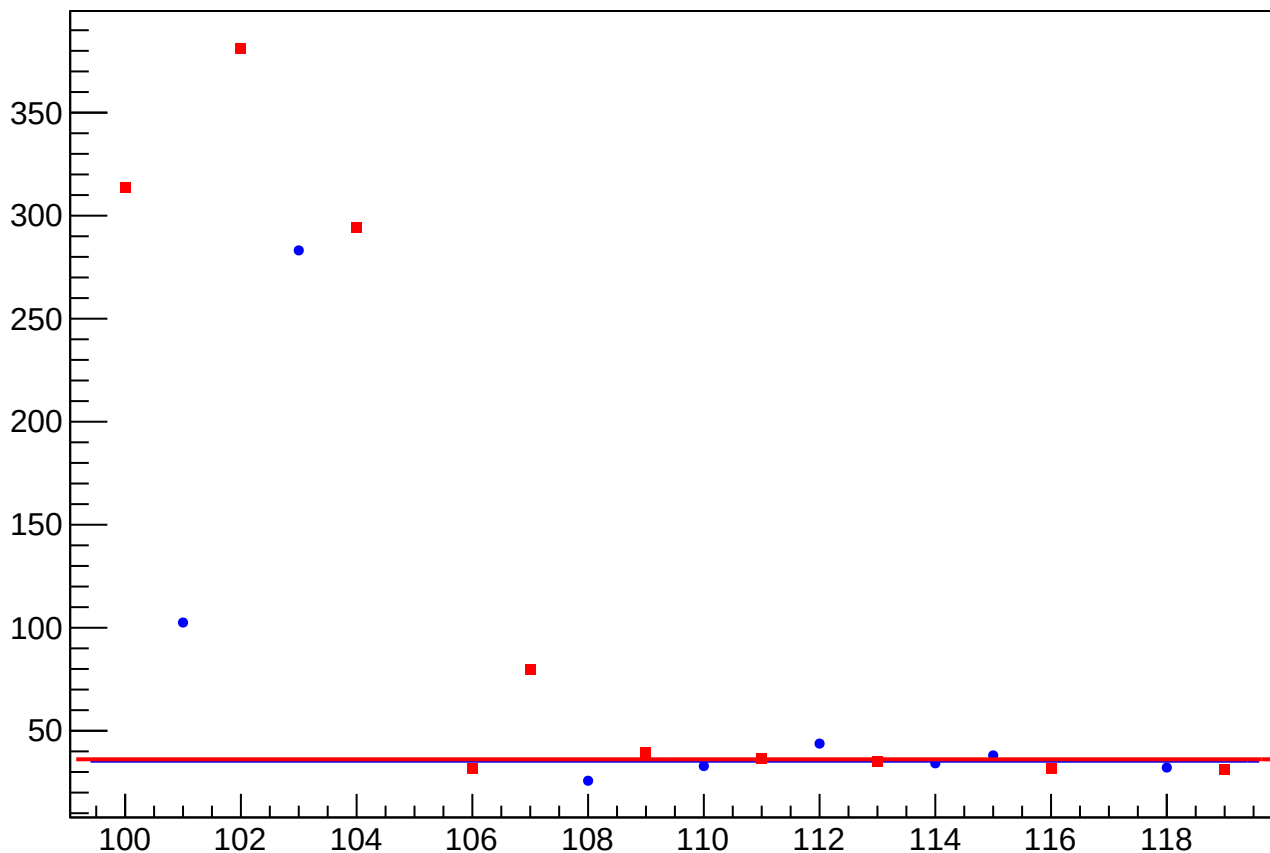
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

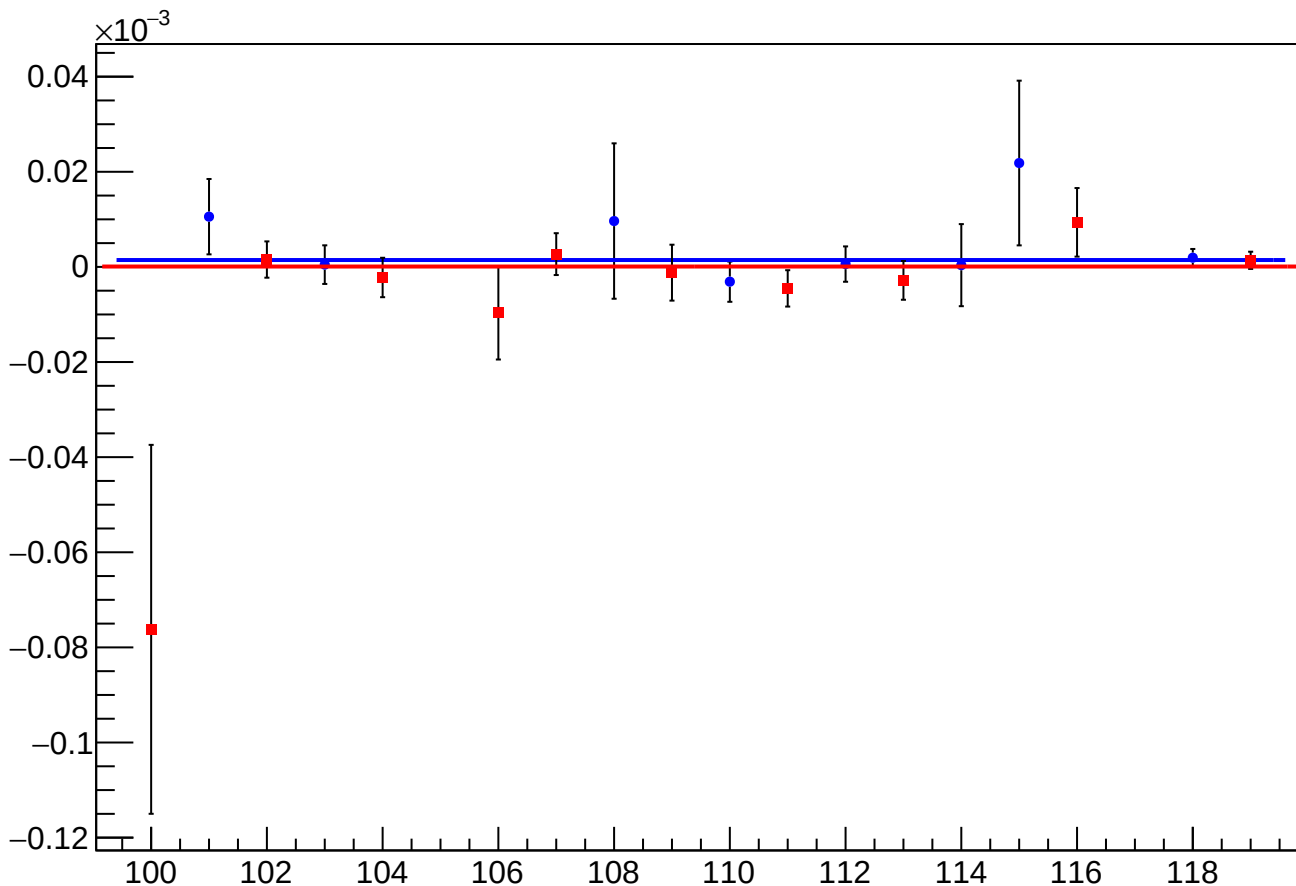
Right: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

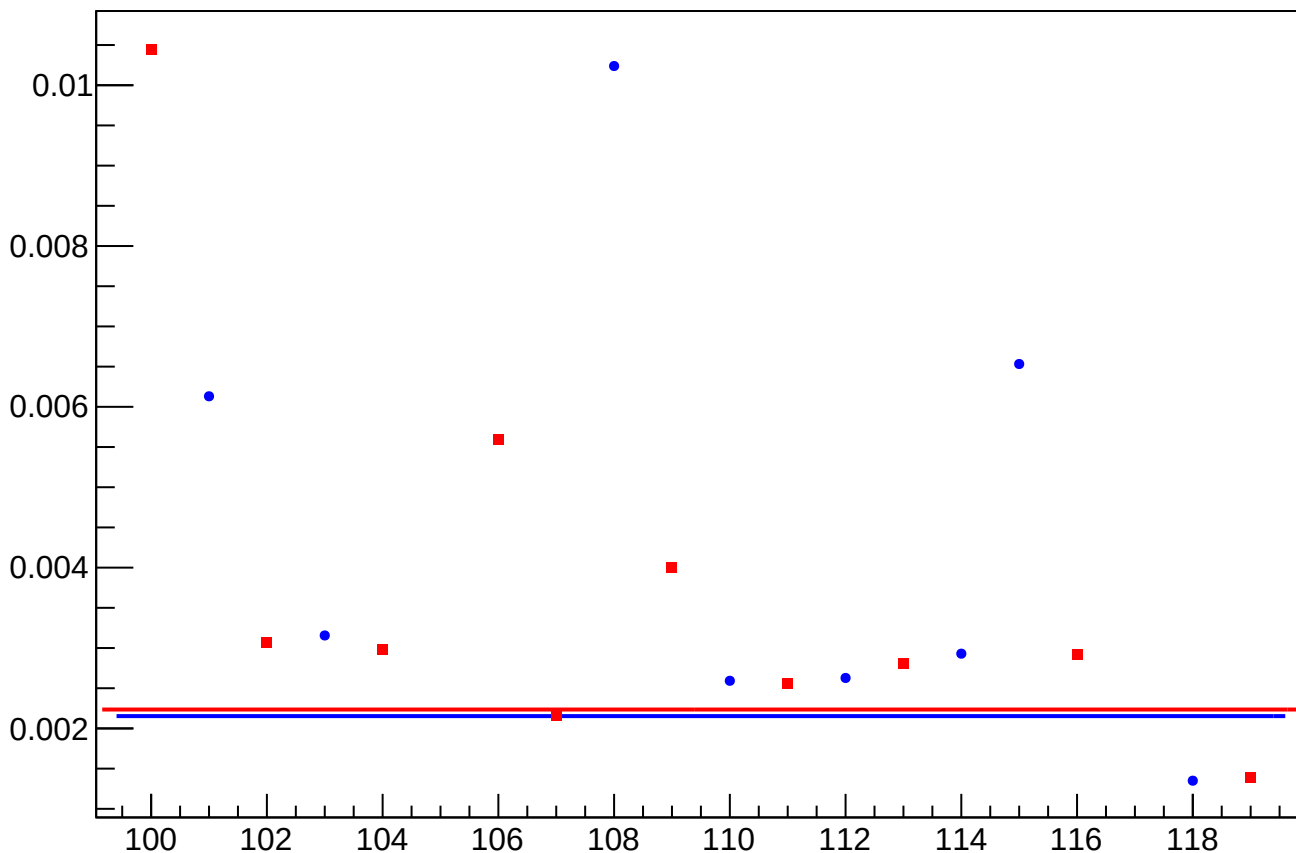
asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/9
 Left In: 0.000 $\pm$ 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: 14.7/17
 In: 0.000 $\pm$ 0.000 χ^2 /NDF:4.3/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/17

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1697518.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1172900.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

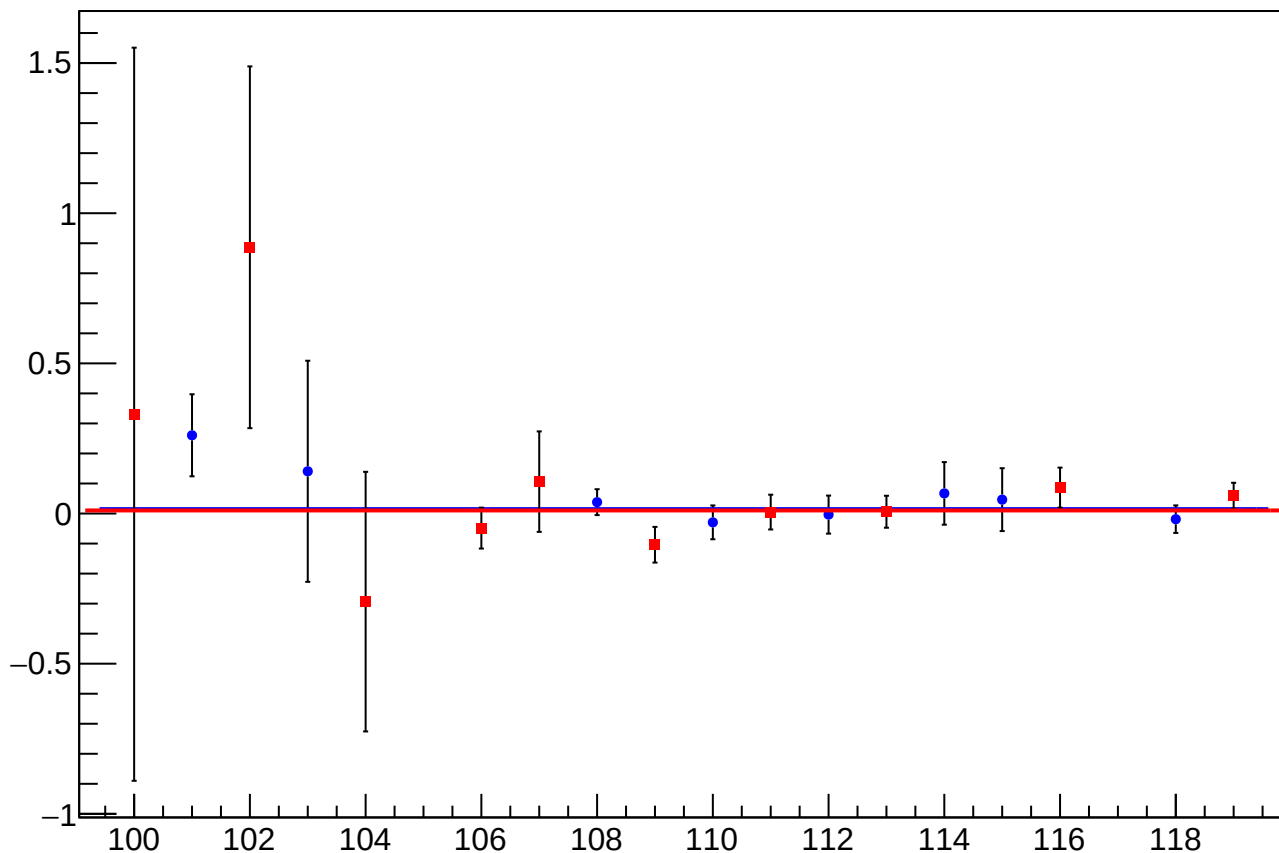
Right: 0.002+/-0.000 χ^2/NDF : 2874361.3/17

In: 0.002+/-0.000 χ^2/NDF :1697518.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2874361.3/17

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

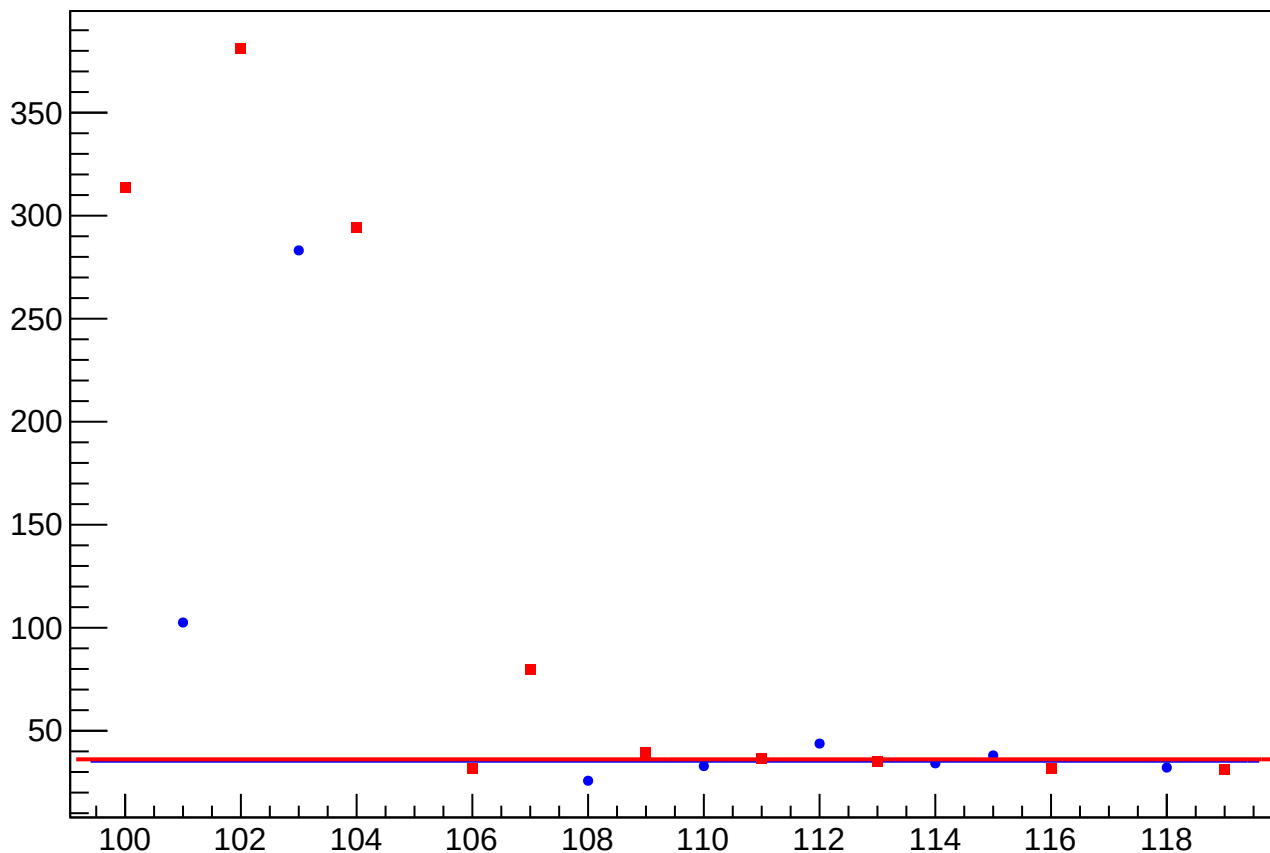
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

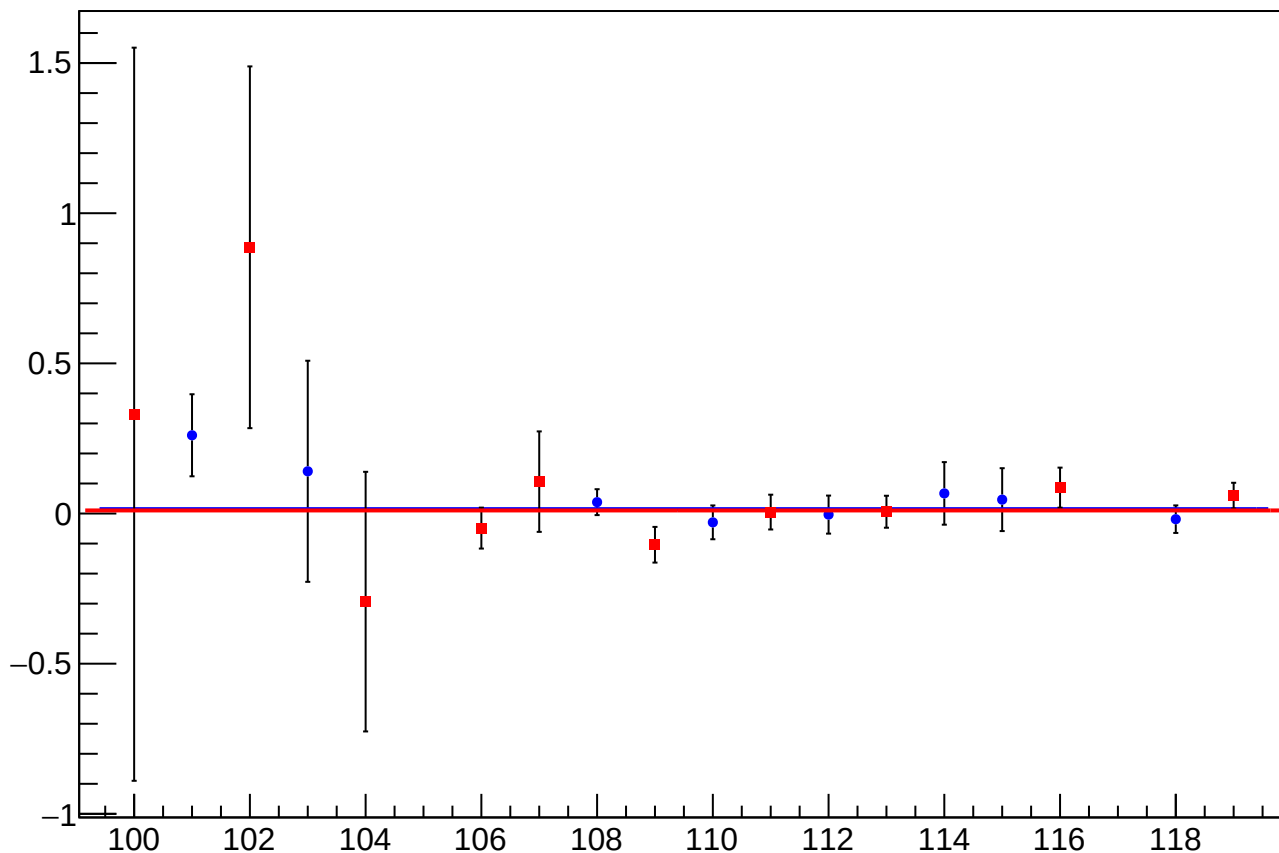
Right: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.023 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.023 χ^2 /NDF: 10.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

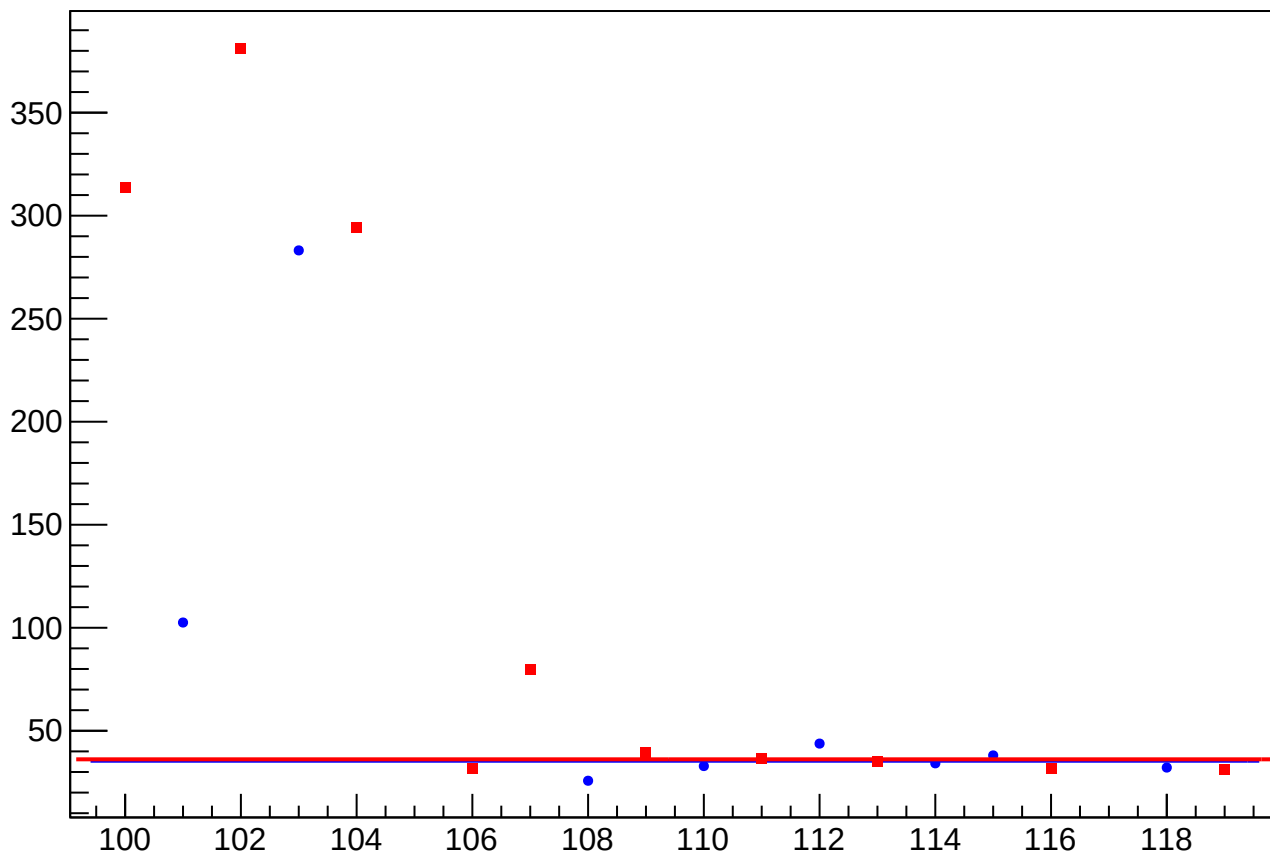
Right: 0.012 $\pm$ 0.016 χ^2 /NDF: 15.3/17

In: 0.015 $\pm$ 0.023 χ^2 /NDF:5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.016 χ^2 /NDF: 15.3/17

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

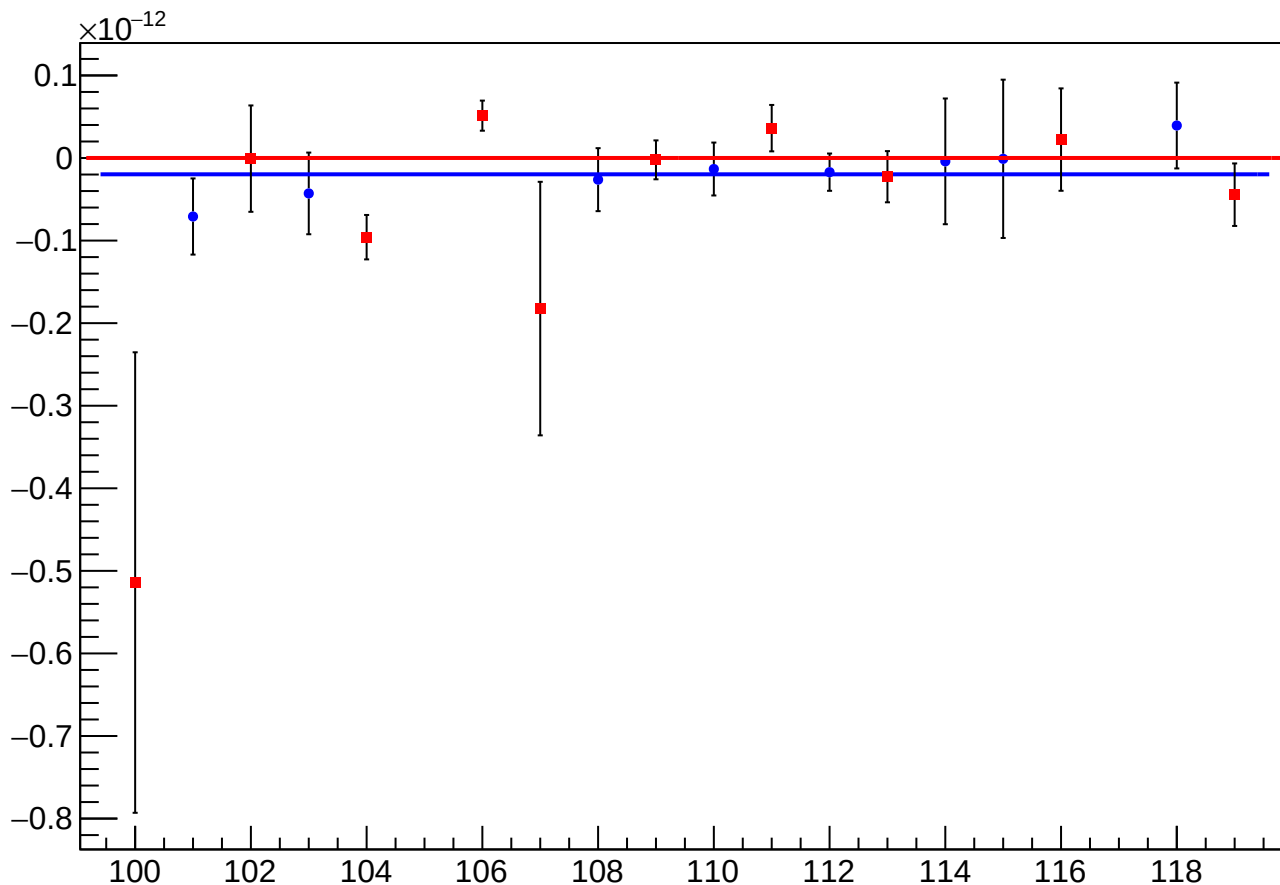
Right: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

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 : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

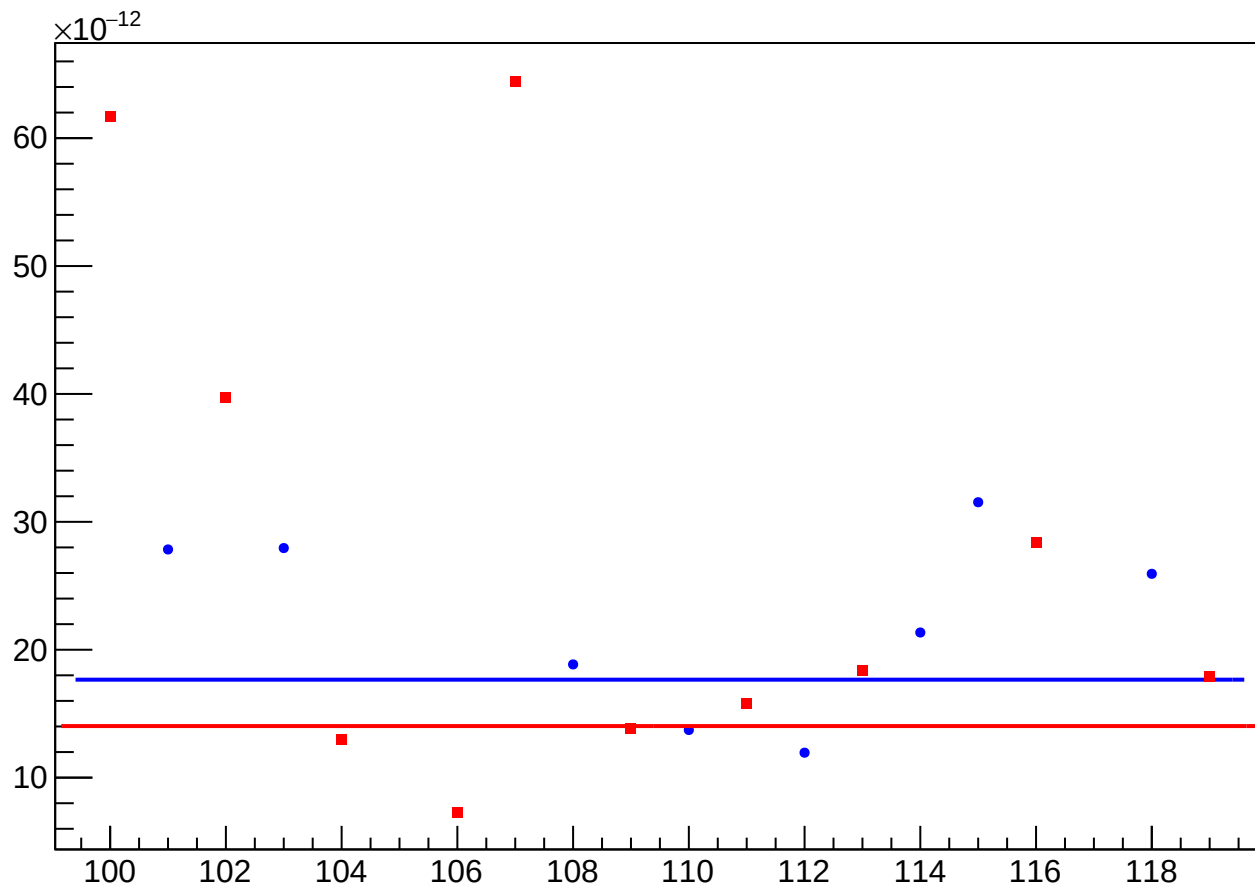
Right: -0.000+/-0.000 χ^2/NDF : 33.4/17

In: -0.000+/-0.000 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.4/17

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 : 441266.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1047263.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

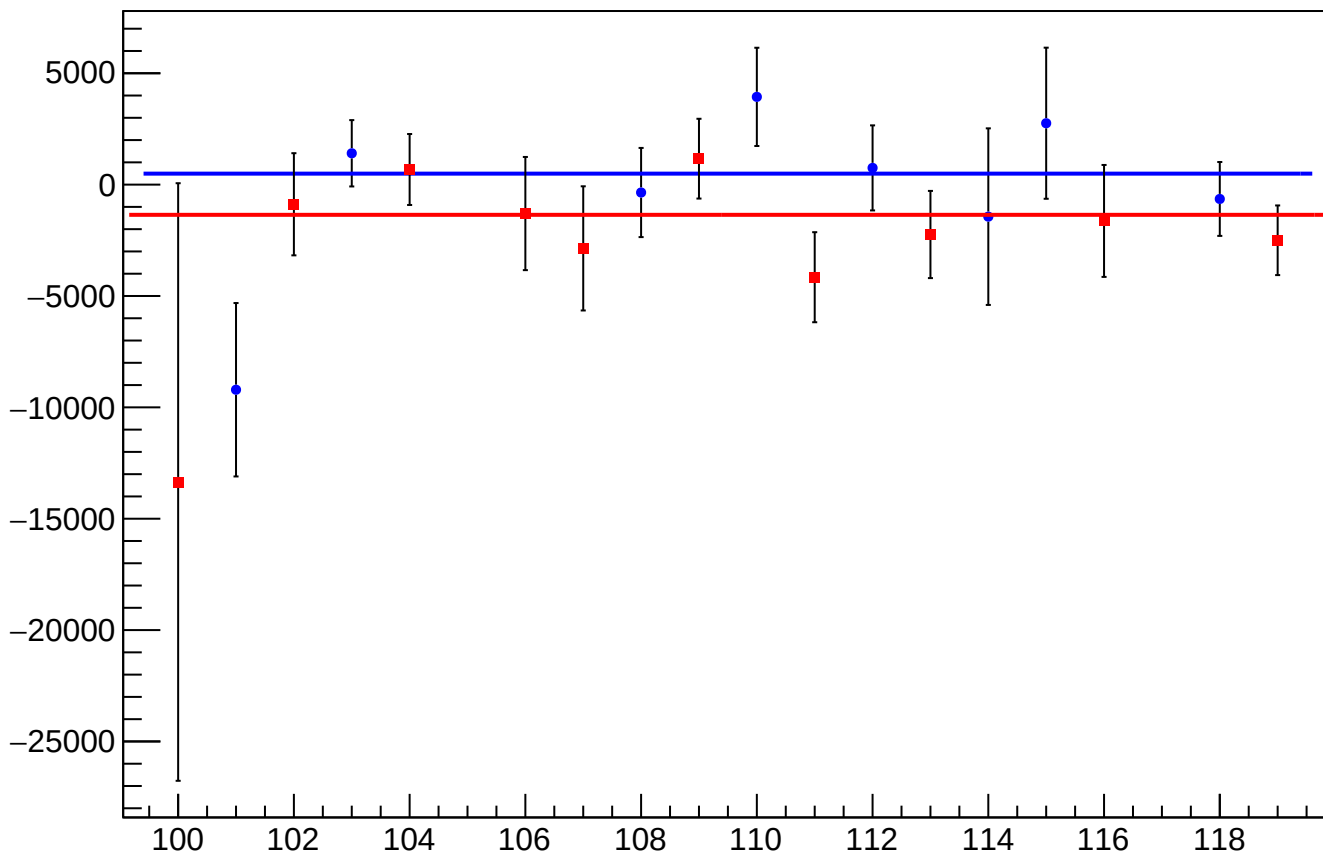
Right: 0.000+/-0.000 χ^2/NDF : 1577258.5/17

In: 0.000+/-0.000 χ^2/NDF : 441266.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1577258.5/17

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.289+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1356.214+/-665.429 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

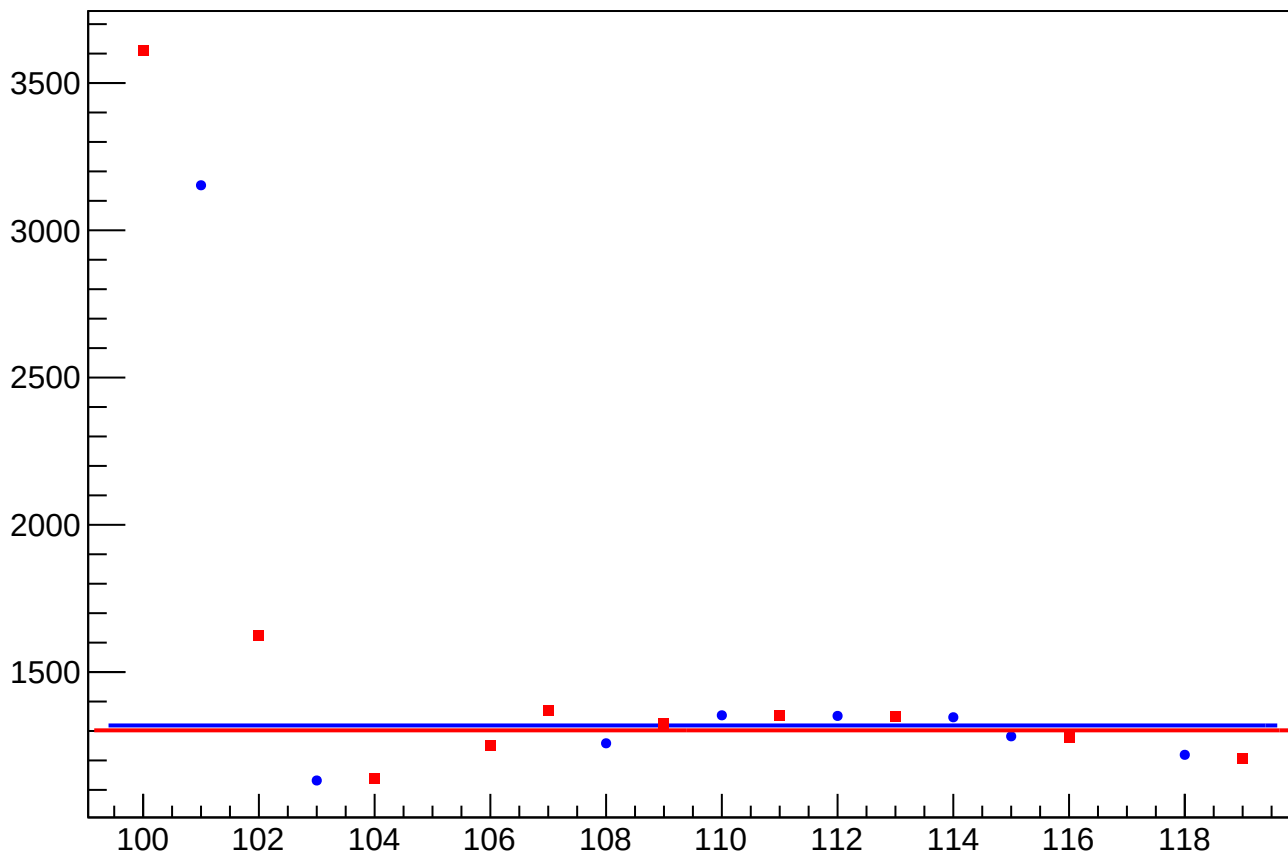
Right: -546.087+/-498.839 χ^2/NDF : 21.2/17

In: 493.289+/-753.723 χ^2/NDF :10.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -546.087+/-498.839 χ^2/NDF : 21.2/17

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485828.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.182+/-0.471 χ^2/NDF : 131574.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

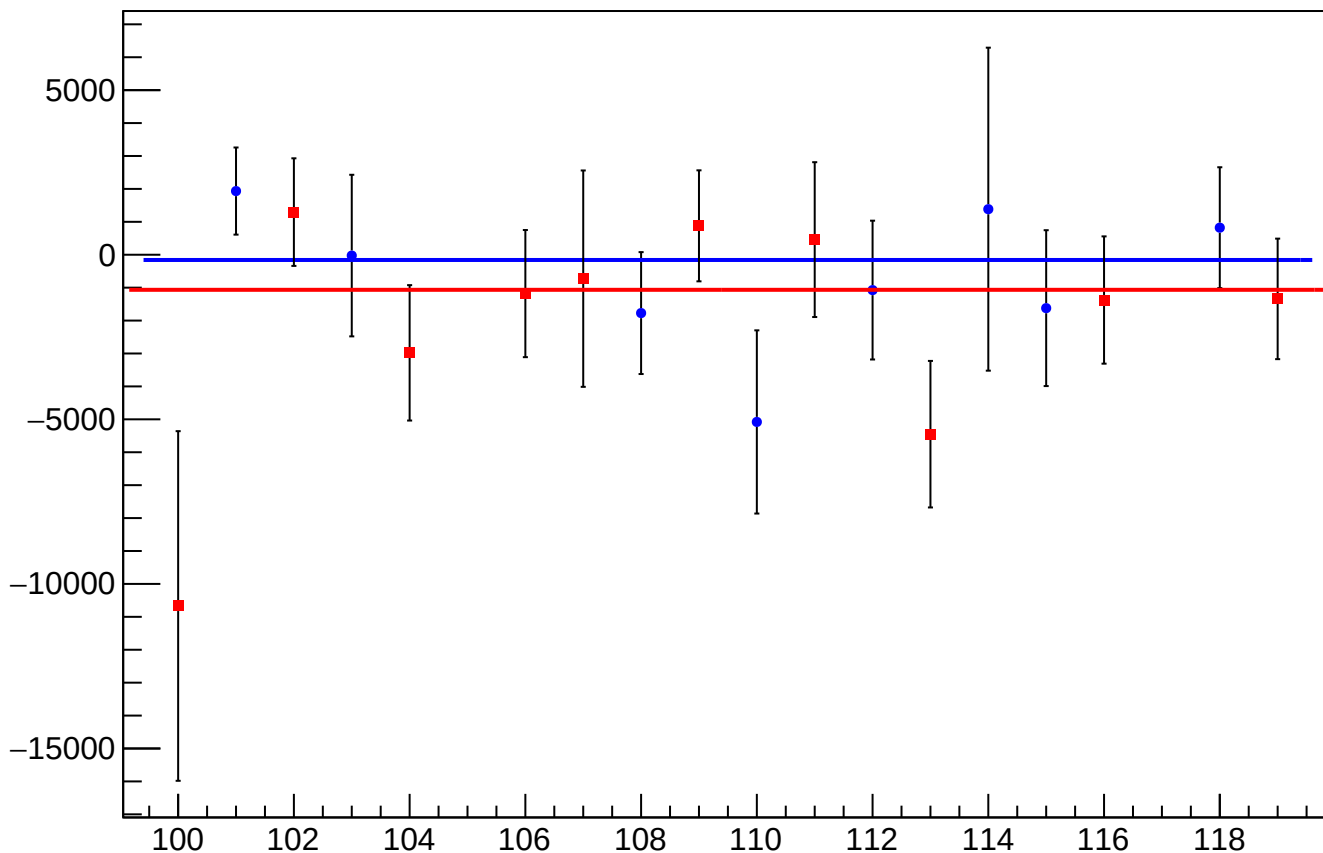
Right: 1309.445+/-0.353 χ^2/NDF : 617946.8/17

In: 1318.764+/-0.533 χ^2/NDF : 485828.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.445+/-0.353 χ^2/NDF : 617946.8/17

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -159.162+/-725.606 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1065.513+/-658.342 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

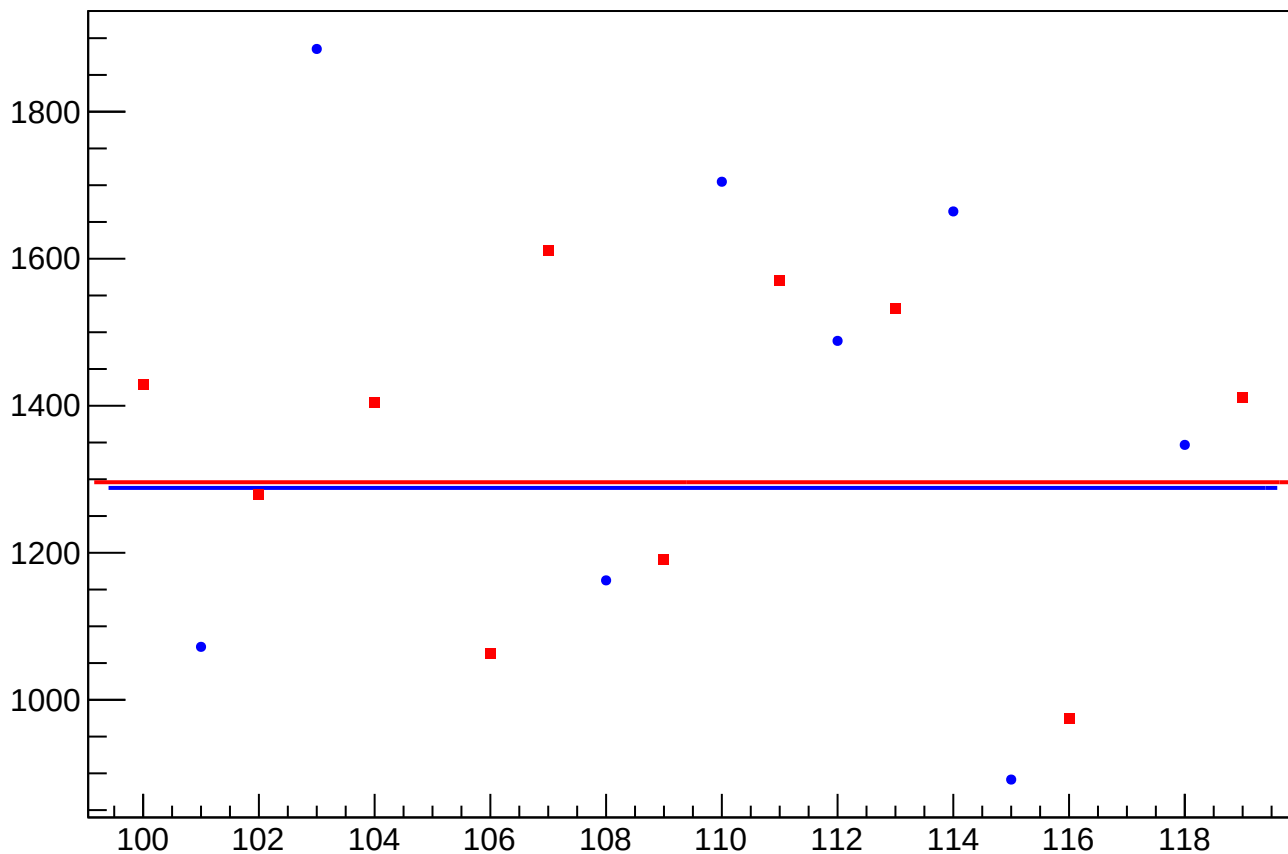
Right: -656.284+/-487.568 χ^2/NDF : 20.1/17

In: -159.162+/-725.606 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.284+/-487.568 χ^2/NDF : 20.1/17

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1288.261+/-0.513 χ^2/NDF : 313688.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.975+/-0.466 χ^2/NDF : 175154.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

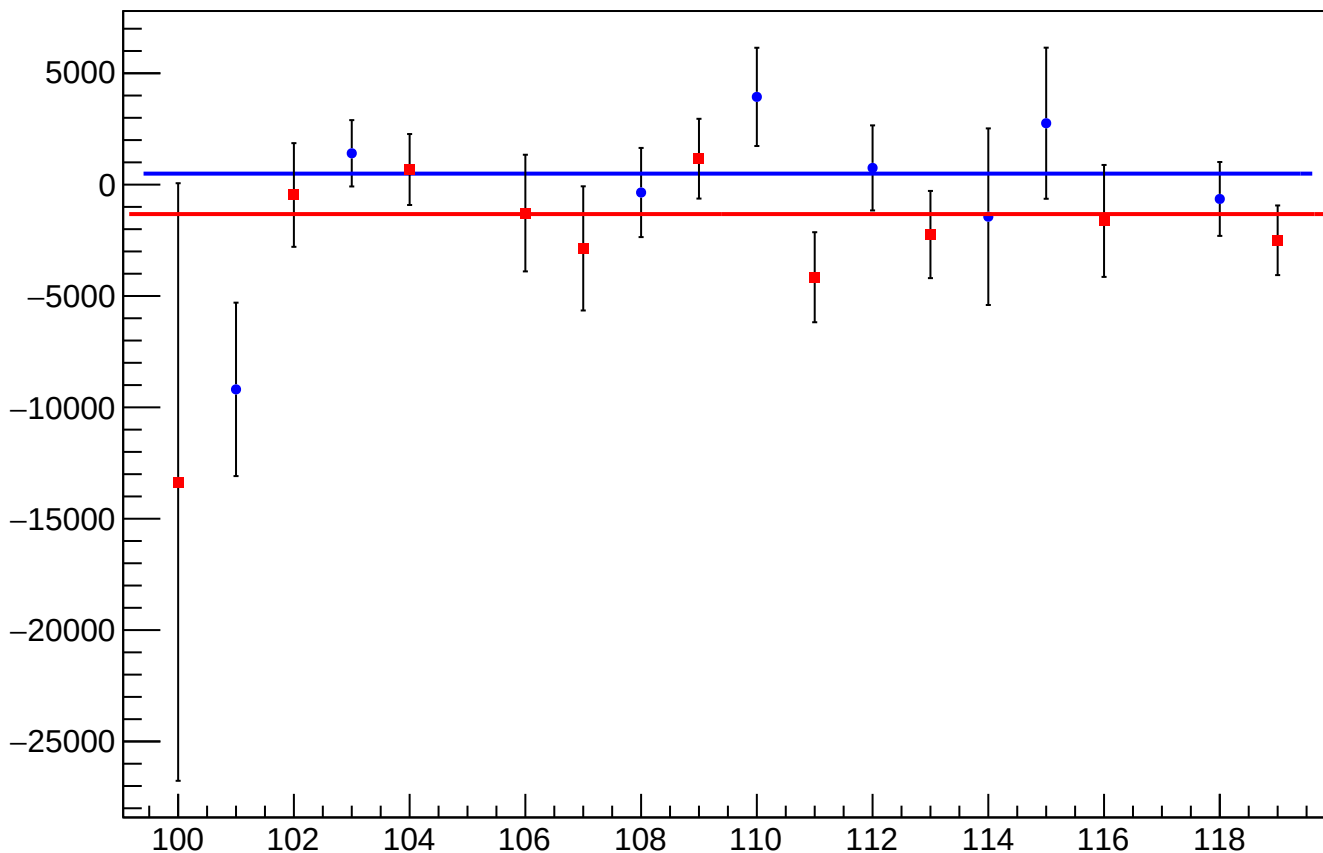
Right: 1292.492+/-0.345 χ^2/NDF : 488967.3/17

In: 1288.261+/-0.513 χ^2/NDF : 313688.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.492+/-0.345 χ^2/NDF : 488967.3/17

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

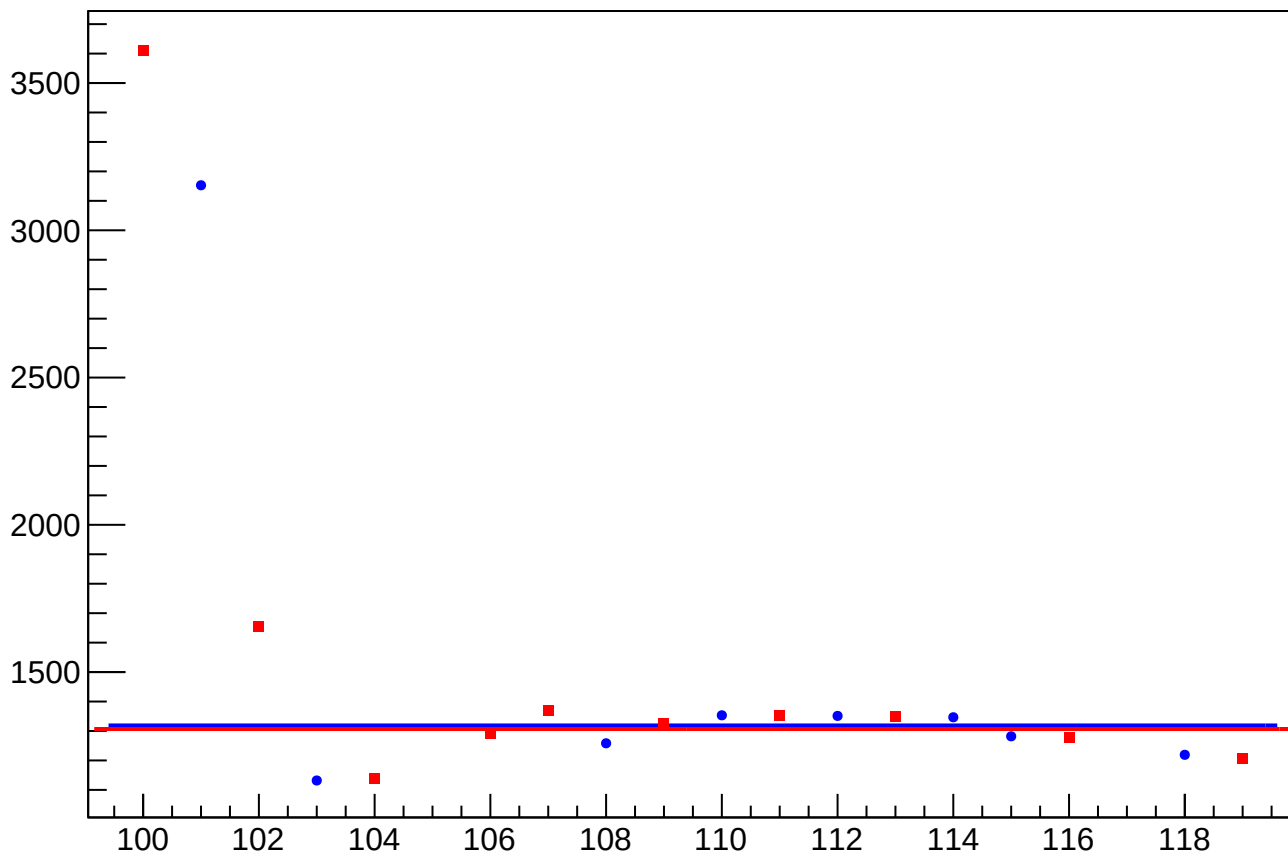
Right: -523.747+/-499.754 χ^2/NDF : 21.1/17

In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -523.747+/-499.754 χ^2/NDF : 21.1/17

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

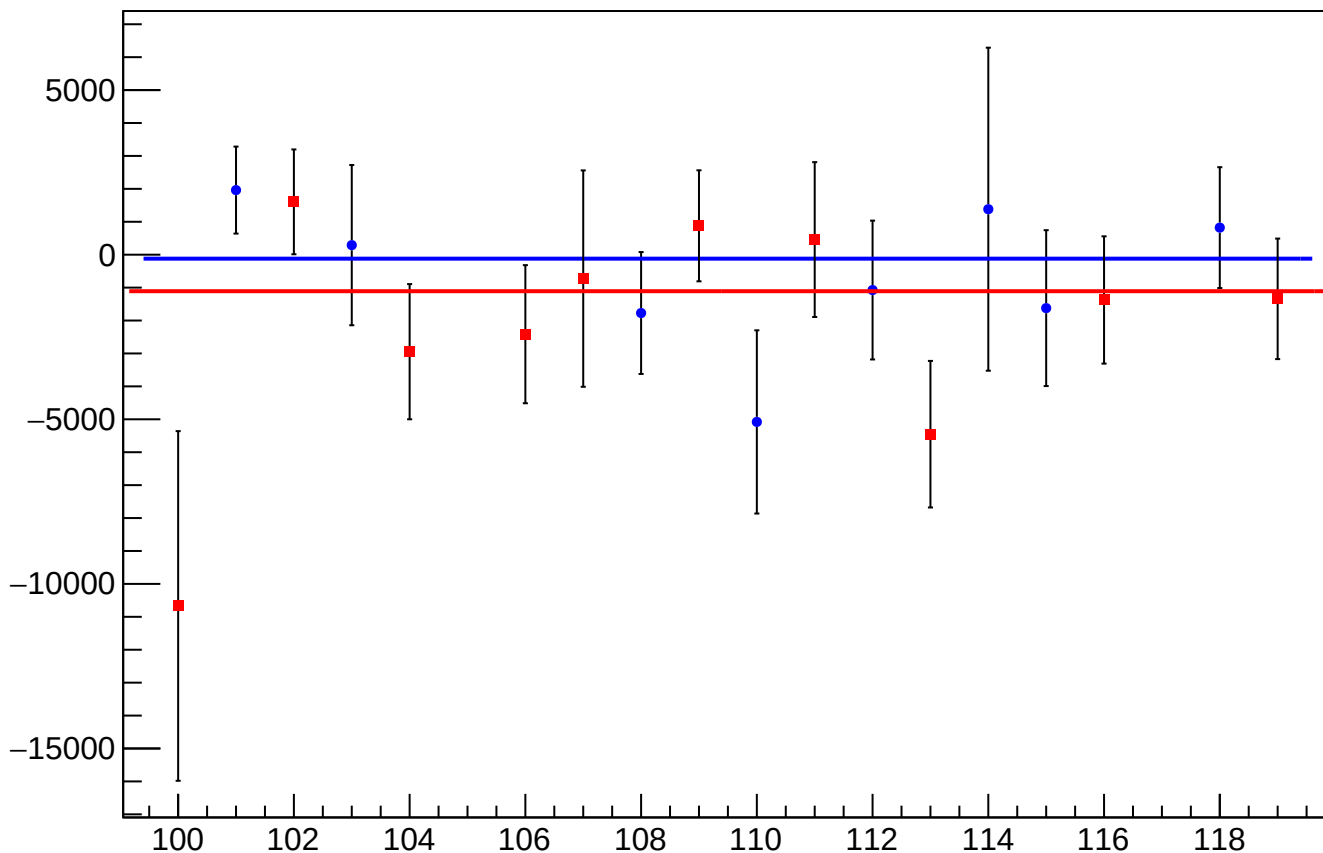
Right: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.671 ± 724.735 χ^2/NDF : 7.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223 ± 661.212 χ^2/NDF : 13.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

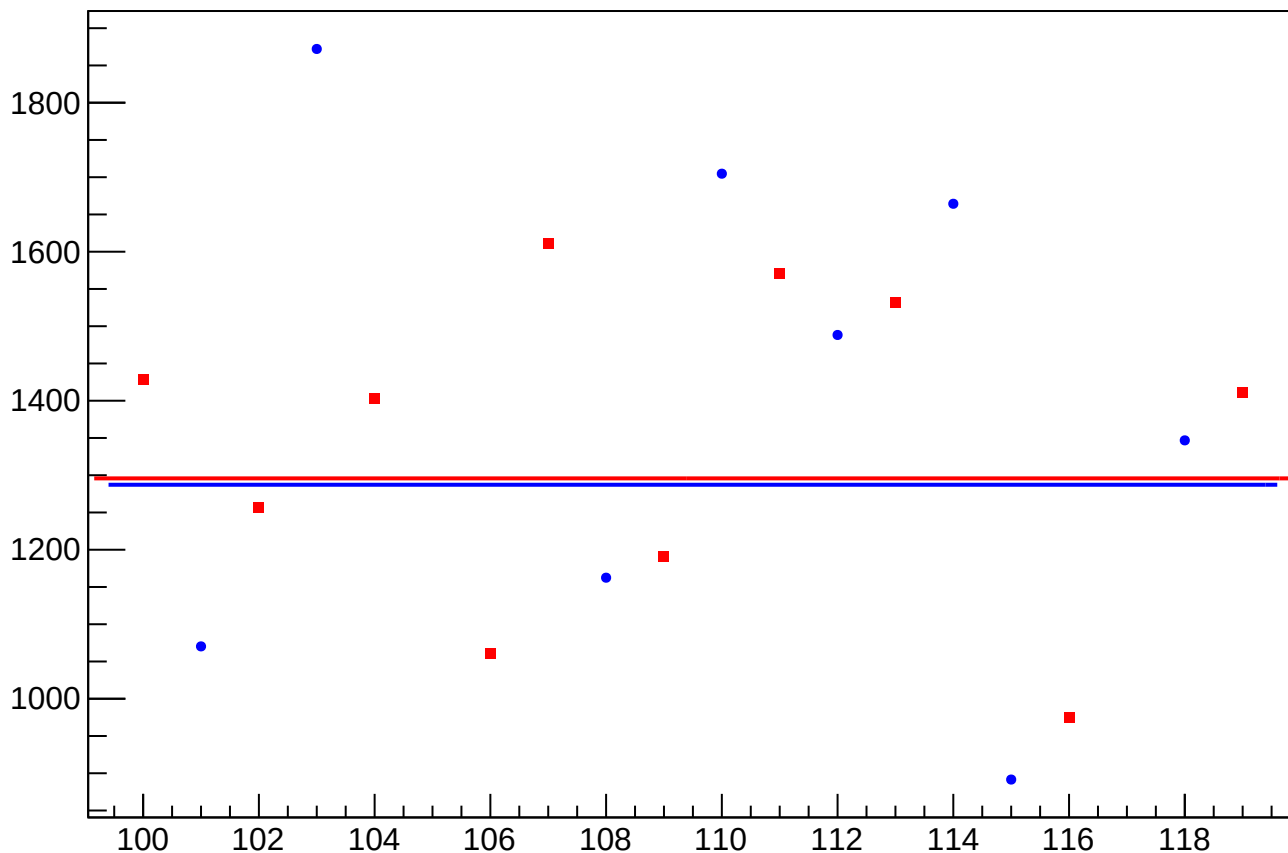
Right: -660.161 ± 488.464 χ^2/NDF : 21.5/17

In: -120.671 ± 724.735 χ^2/NDF : 7.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -660.161 ± 488.464 χ^2/NDF : 21.5/17

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

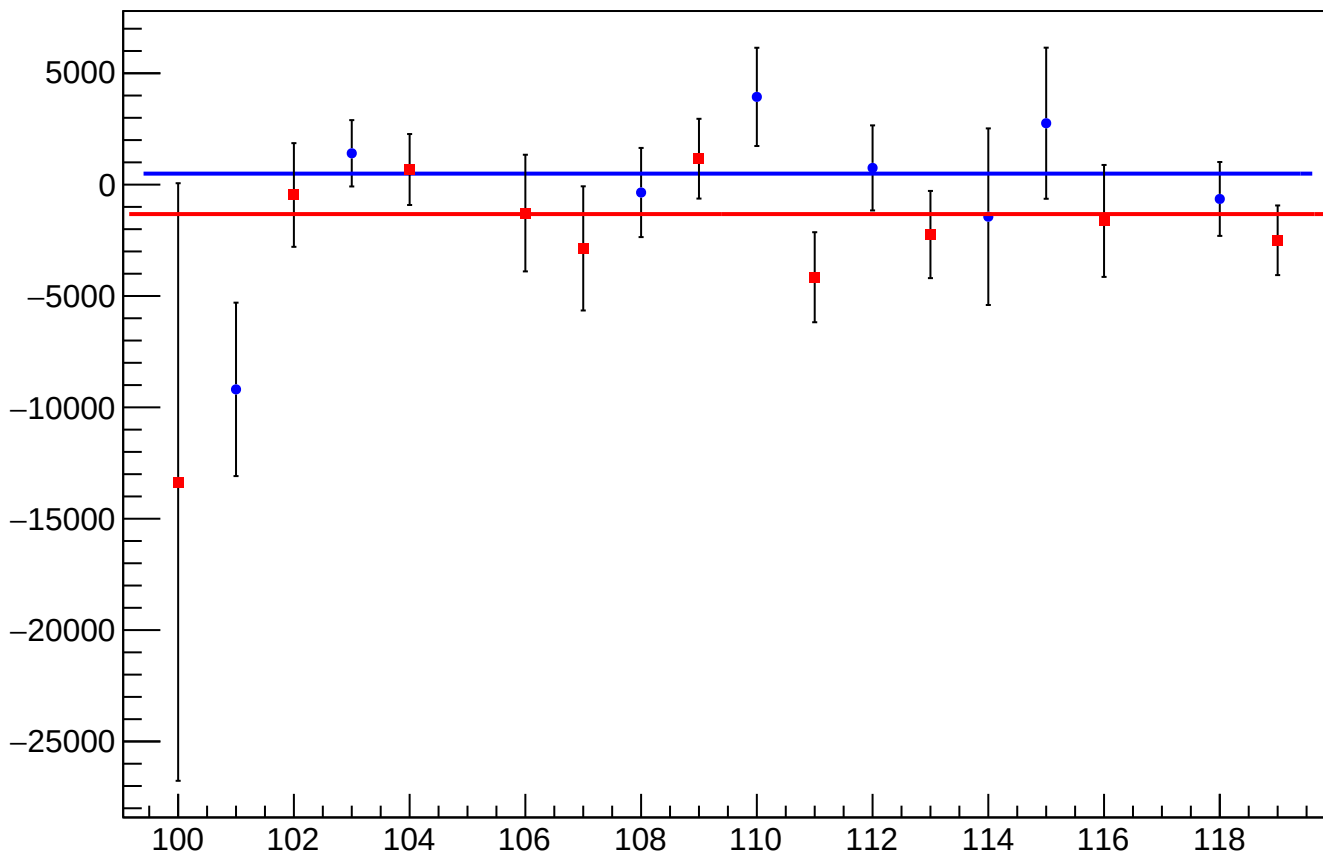
Right: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

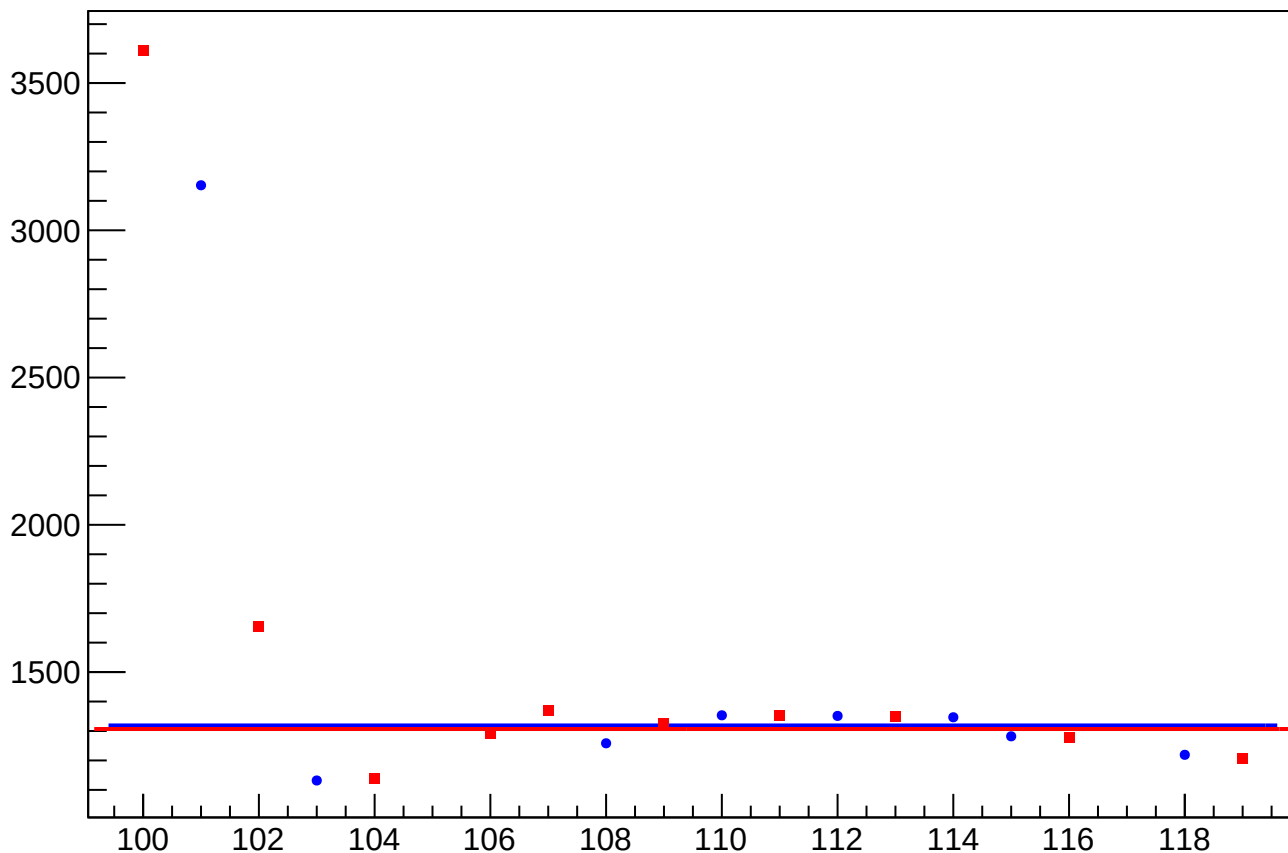
Right: -523.747+/-499.754 χ^2/NDF : 21.1/17

In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -523.747+/-499.754 χ^2/NDF : 21.1/17

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

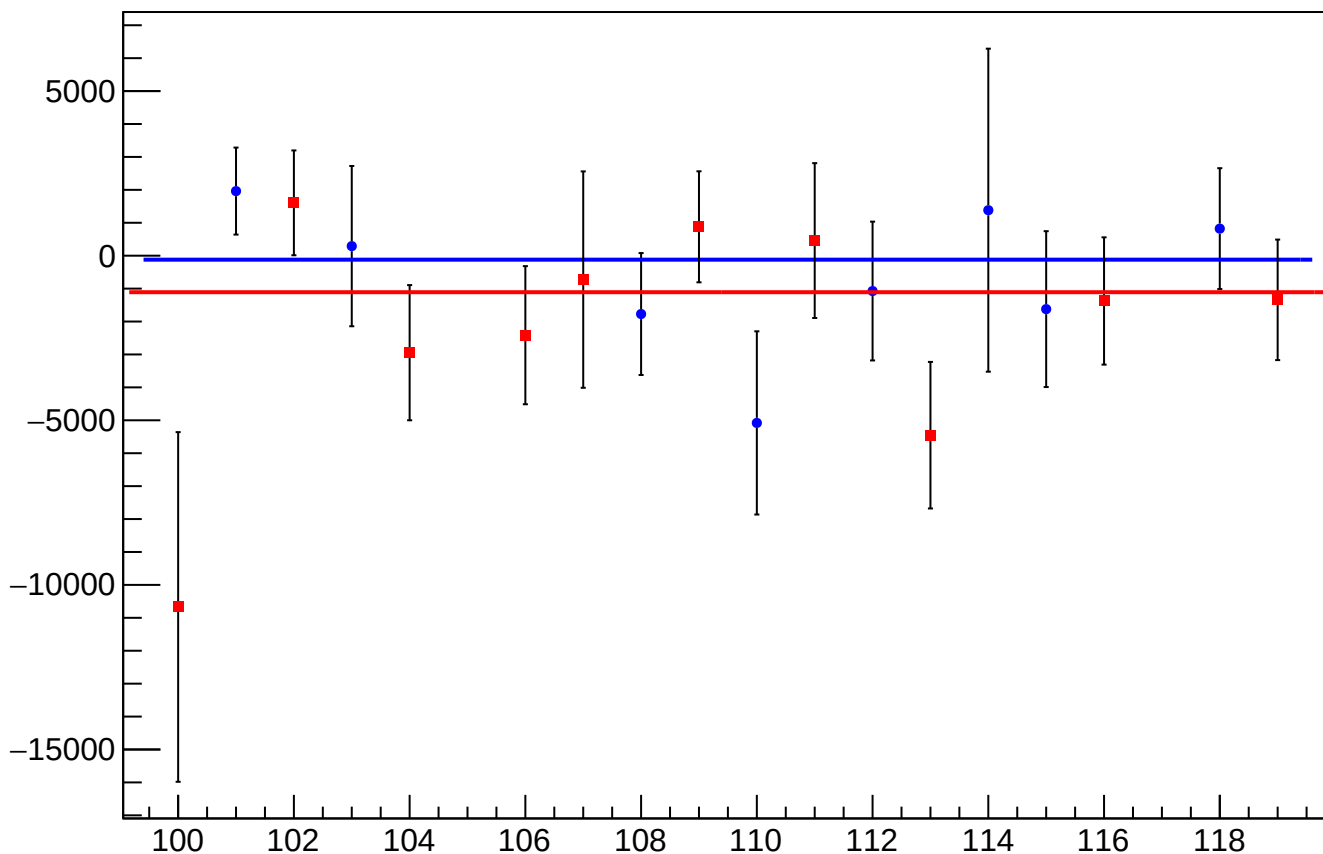
Right: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

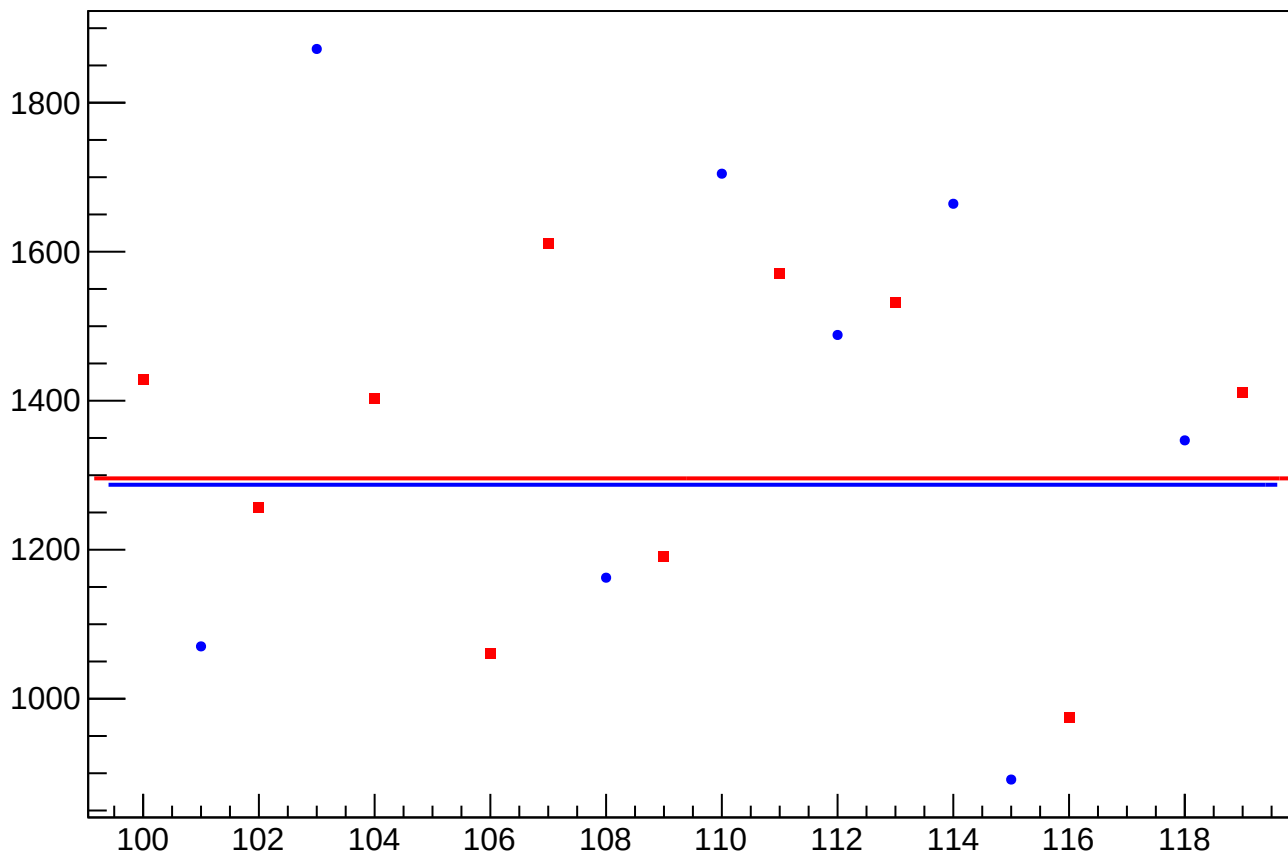
Right: -660.161+/-488.464 χ^2/NDF : 21.5/17

In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.161+/-488.464 χ^2/NDF : 21.5/17

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

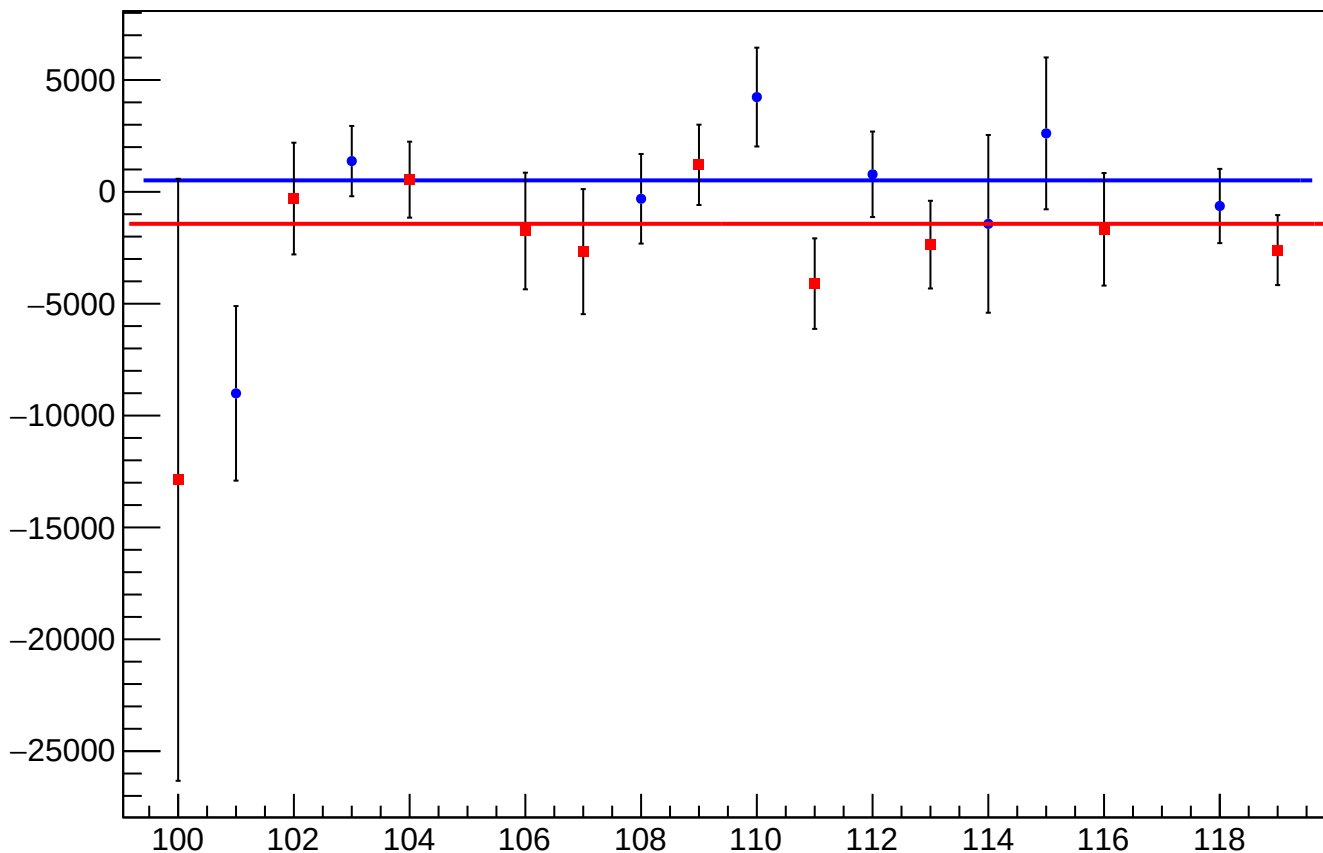
Right: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 512.804+/-764.281 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.714+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

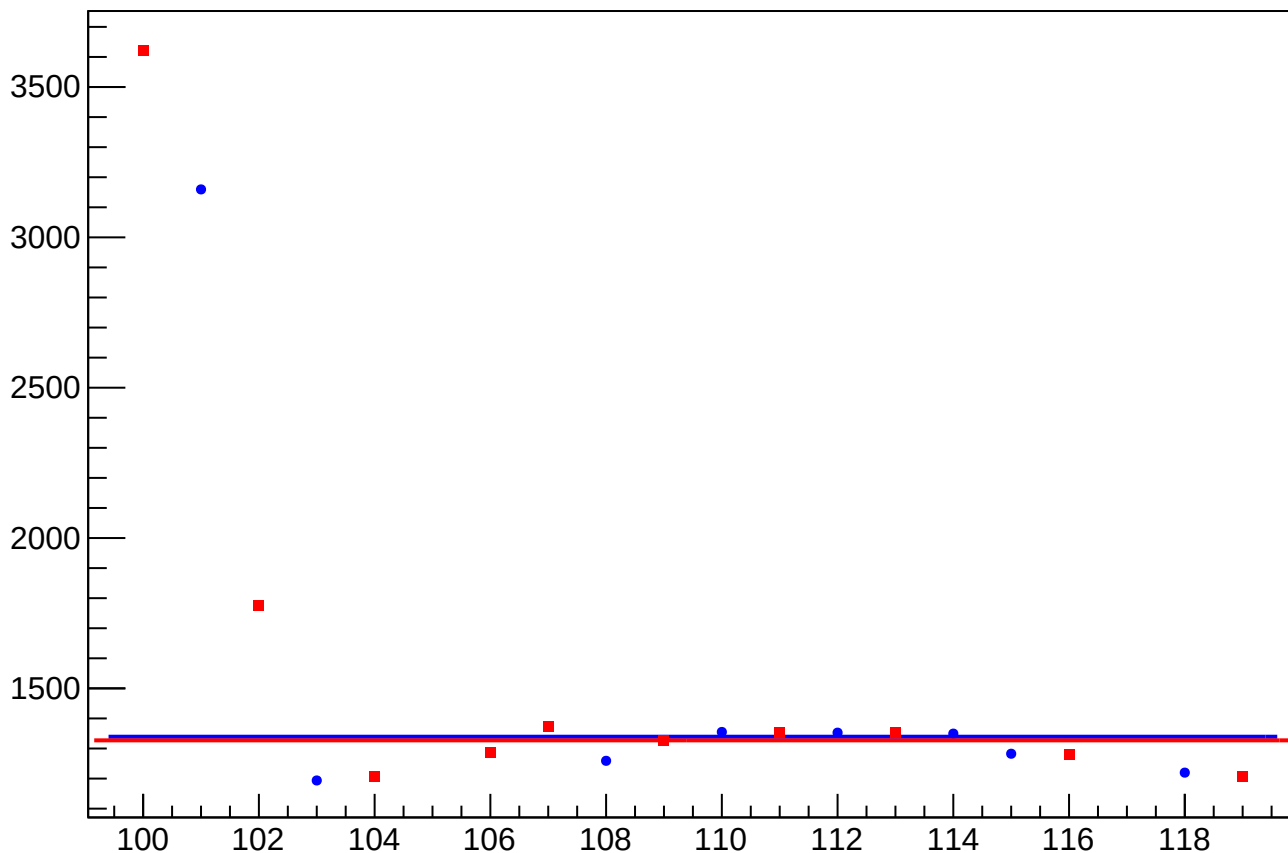
Right: -572.321+/-507.597 χ^2/NDF : 21.2/17

In: 512.804+/-764.281 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.321+/-507.597 χ^2/NDF : 21.2/17

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1339.205+/-0.540 χ^2/NDF : 466868.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

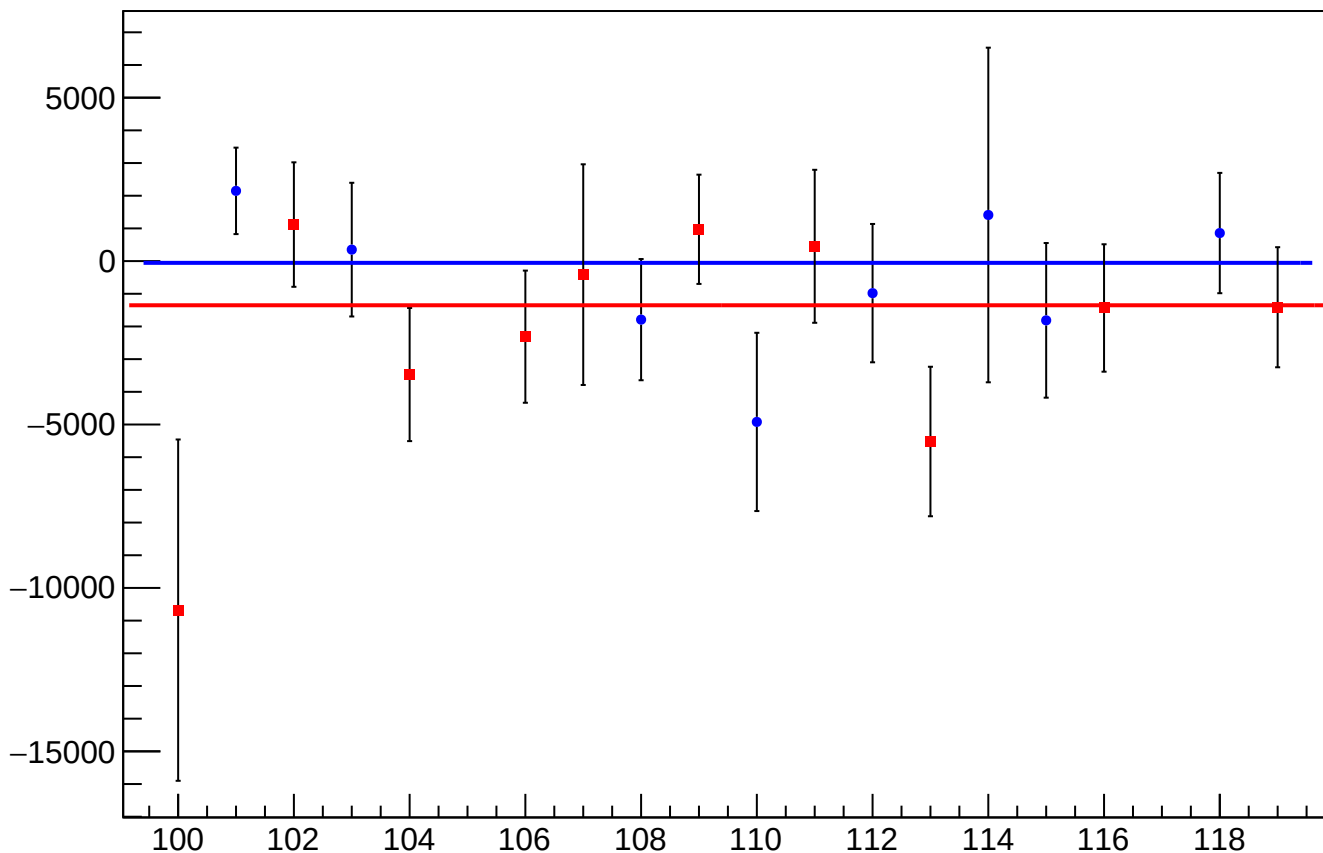
Right: 1332.450+/-0.359 χ^2/NDF : 613861.2/17

In: 1339.205+/-0.540 χ^2/NDF : 466868.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.450+/-0.359 χ^2/NDF : 613861.2/17

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.738+/-712.265 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.569+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

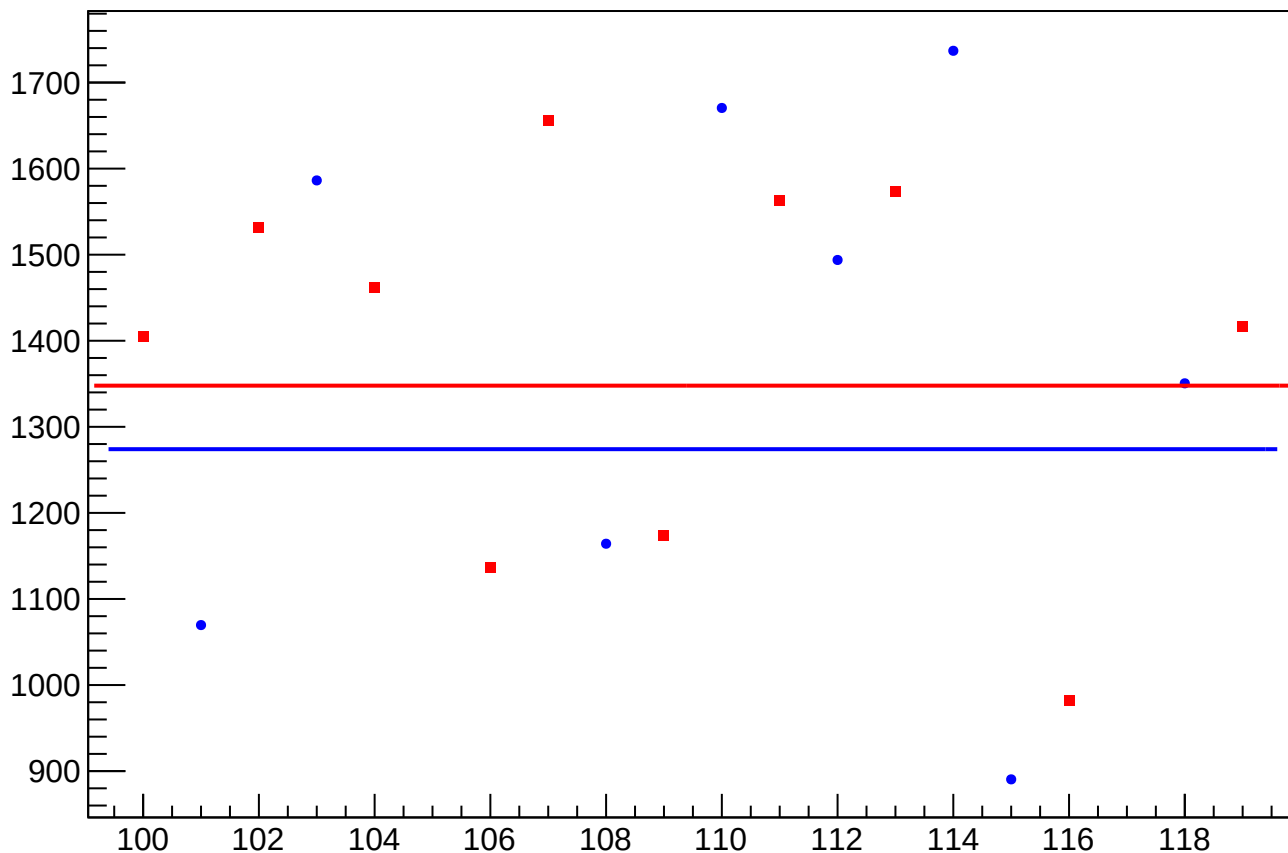
Right: -734.874+/-490.985 χ^2/NDF : 21.8/17

In: -53.738+/-712.265 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -734.874+/-490.985 χ^2/NDF : 21.8/17

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1274.028+/-0.504 χ^2/NDF : 237603.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.839+/-0.479 χ^2/NDF : 194639.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

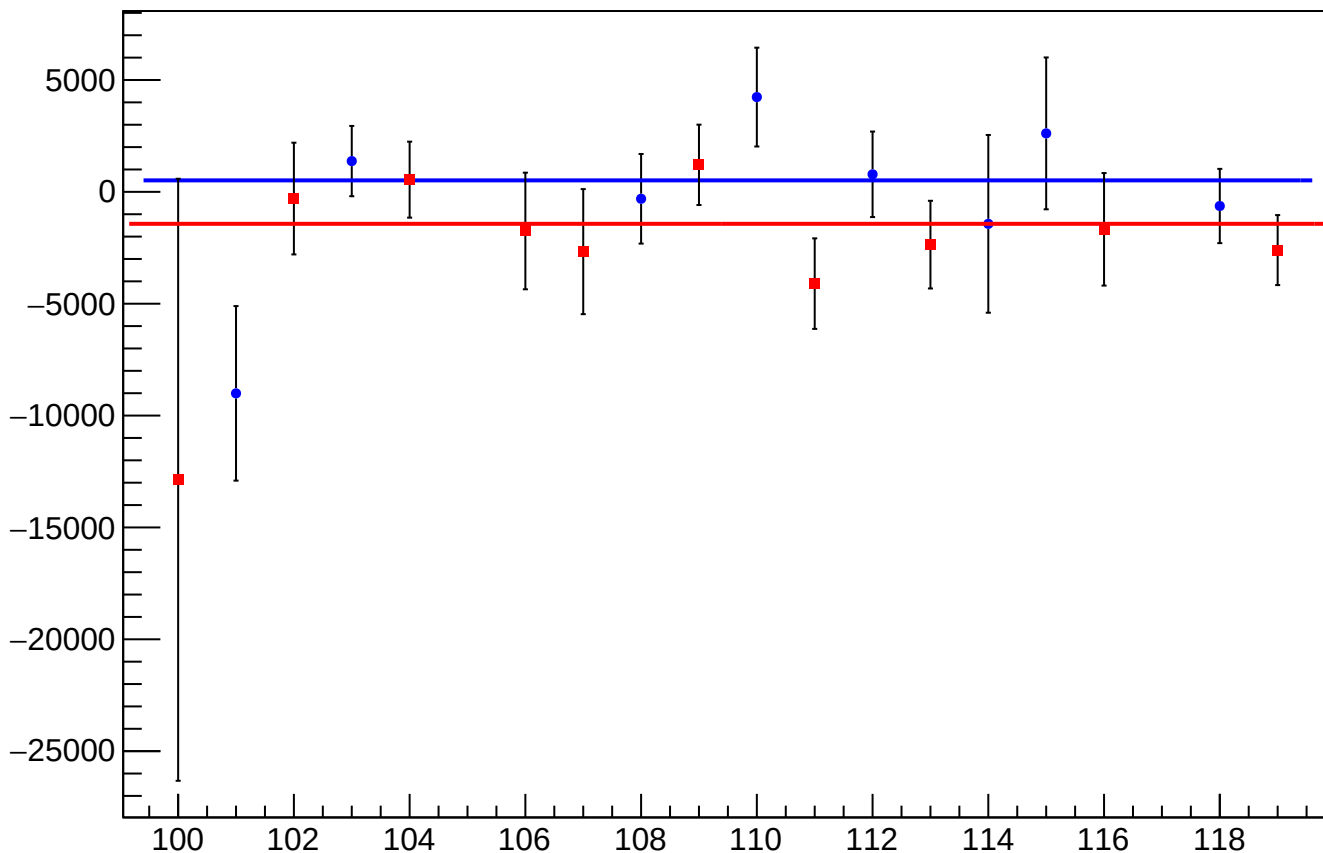
Right: 1312.766+/-0.347 χ^2/NDF : 443515.5/17

In: 1274.028+/-0.504 χ^2/NDF : 237603.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.766+/-0.347 χ^2/NDF : 443515.5/17

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 512.799+/-764.281 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1428.715+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

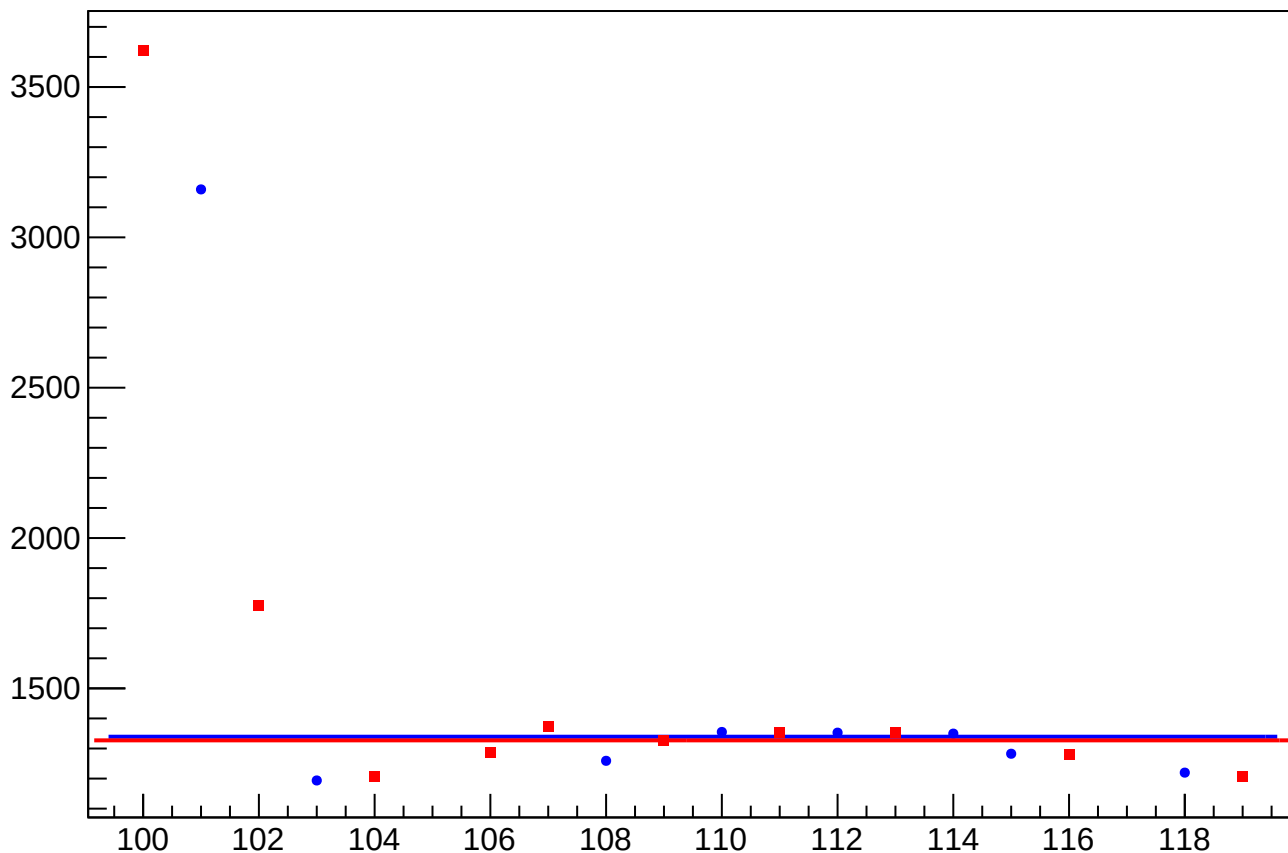
Right: -572.323+/-507.597 χ^2/NDF : 21.2/17

In: 512.799+/-764.281 χ^2/NDF :10.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -572.323+/-507.597 χ^2/NDF : 21.2/17

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1339.205+/-0.540 χ^2/NDF : 466868.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

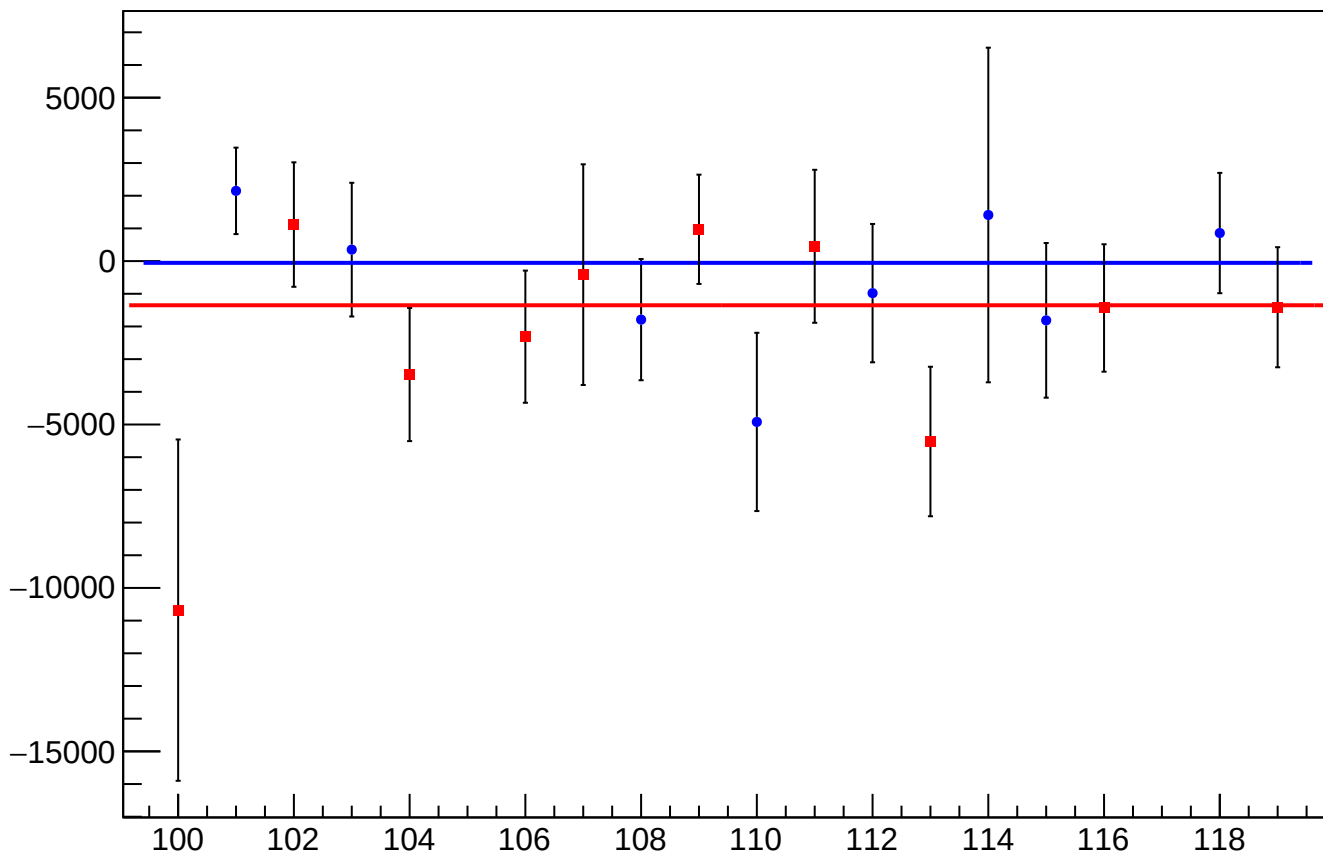
Right: 1332.450+/-0.359 χ^2/NDF : 613861.3/17

In: 1339.205+/-0.540 χ^2/NDF : 466868.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.450+/-0.359 χ^2/NDF : 613861.3/17

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.739+/-712.263 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.572+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

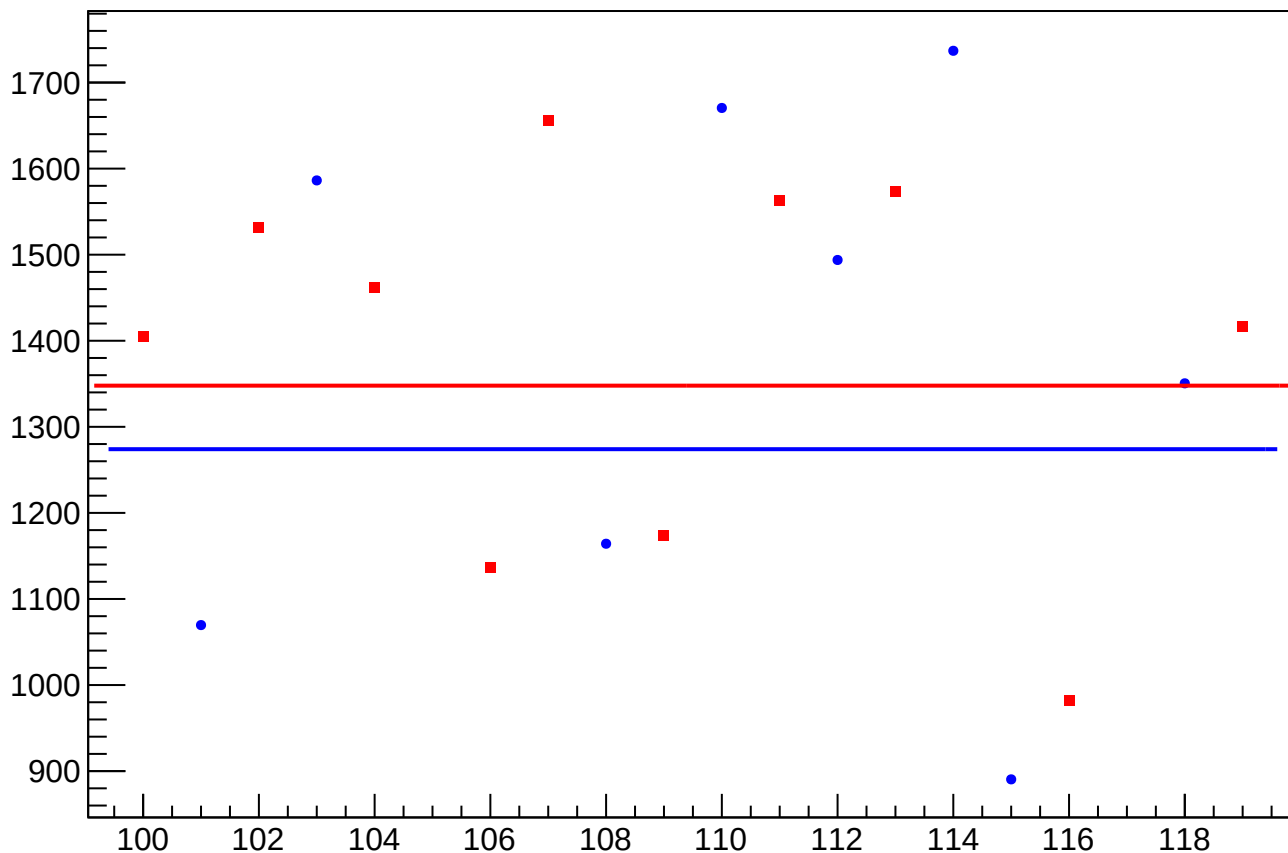
Right: -734.874+/-490.984 χ^2/NDF : 21.8/17

In: -53.739+/-712.263 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -734.874+/-490.984 χ^2/NDF : 21.8/17

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1274.025+/-0.504 χ^2/NDF : 237608.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.840+/-0.479 χ^2/NDF : 194638.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

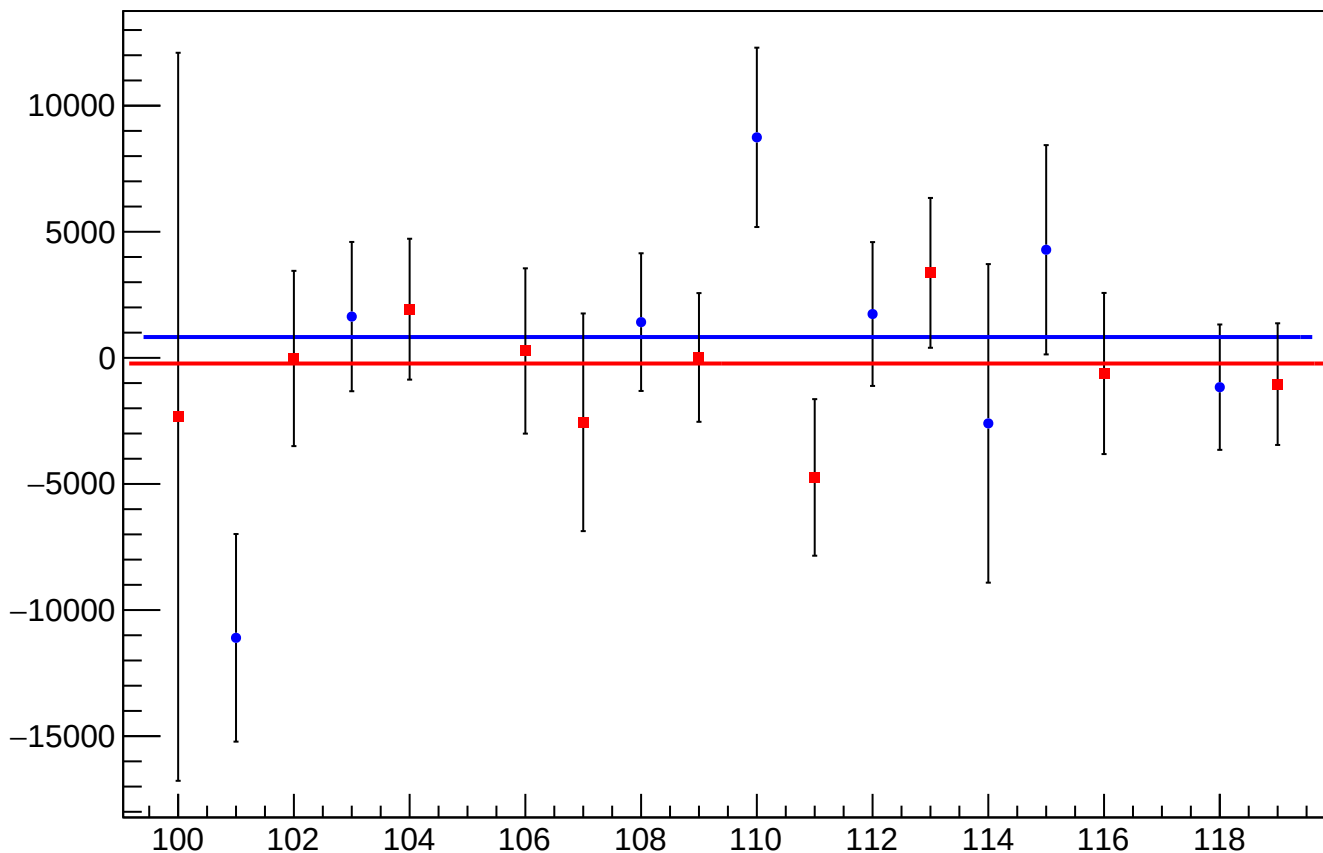
Right: 1312.765+/-0.347 χ^2/NDF : 443520.4/17

In: 1274.025+/-0.504 χ^2/NDF : 237608.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.765+/-0.347 χ^2/NDF : 443520.4/17

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 825.751+/-1151.333 χ^2/NDF : 15.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -224.083+/-998.479 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

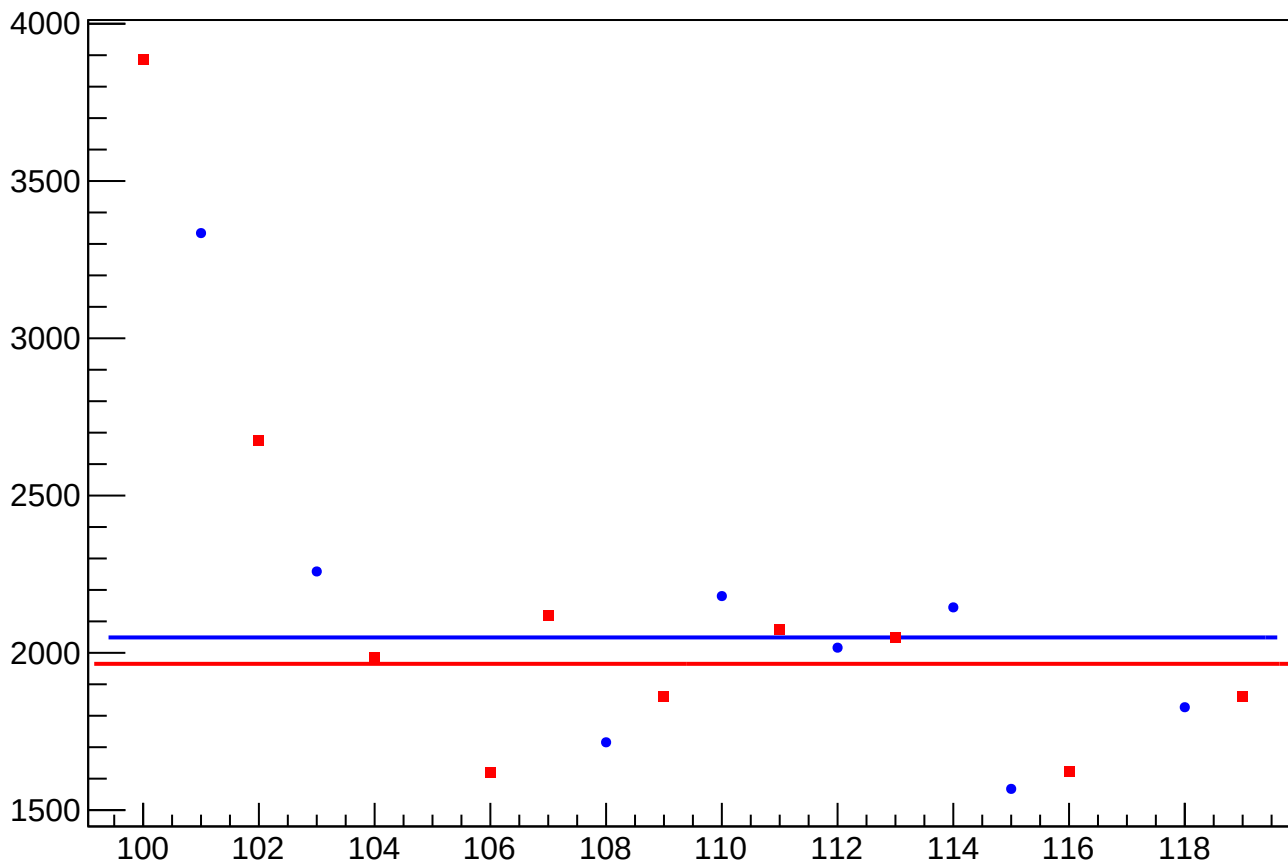
Right: 226.565+/-754.327 χ^2/NDF : 20.3/17

In: 825.751+/-1151.333 χ^2/NDF : 15.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.565+/-754.327 χ^2/NDF : 20.3/17

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2048.967+/-0.814 χ^2/NDF : 281235.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.020+/-0.706 χ^2/NDF : 177626.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

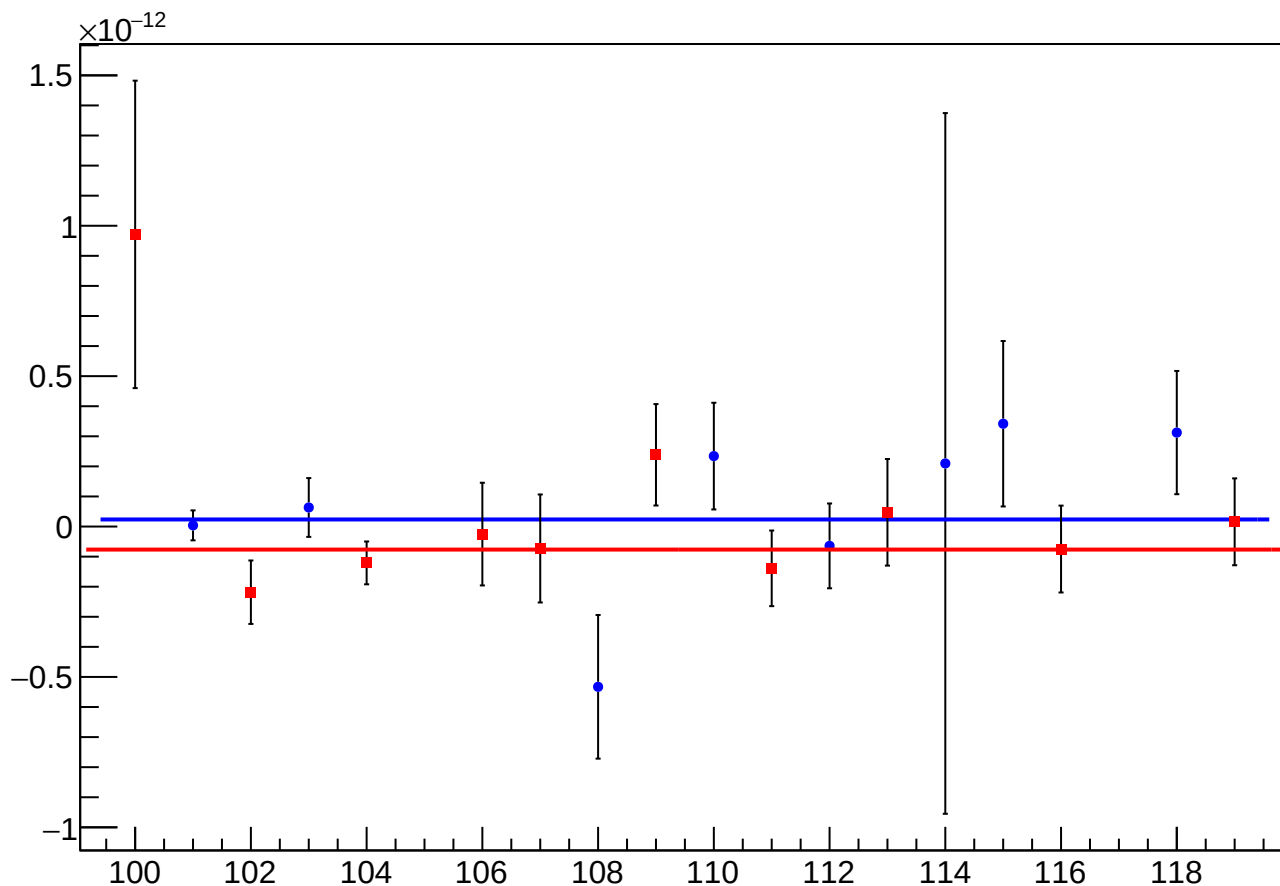
Right: 2001.054+/-0.533 χ^2/NDF : 464931.1/17

In: 2048.967+/-0.814 χ^2/NDF : 281235.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.054+/-0.533 χ^2/NDF : 464931.1/17

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

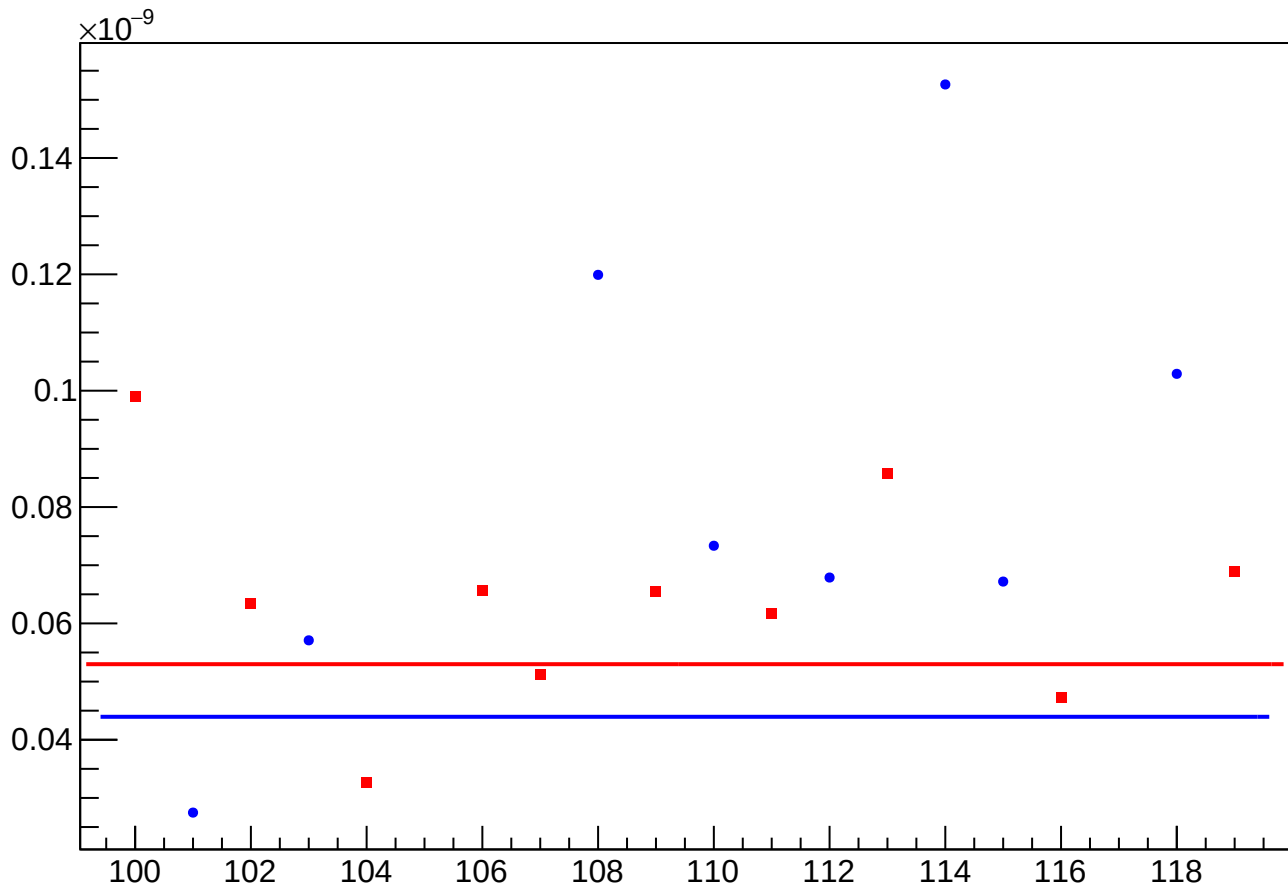
Right: -0.000+/-0.000 χ^2/NDF : 25.1/17

In: 0.000+/-0.000 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/17

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767066.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 327902.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

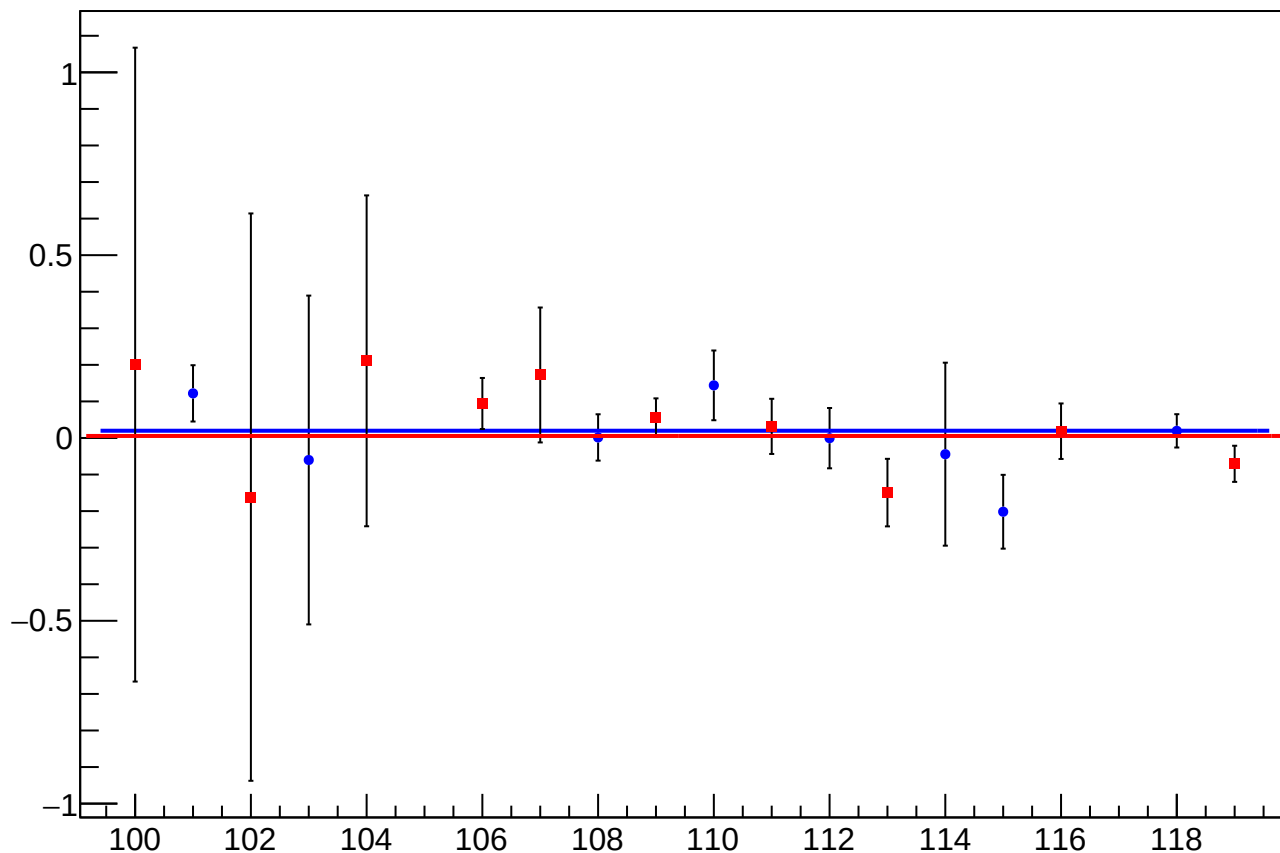
Right: 0.000+/-0.000 χ^2/NDF : 1145037.5/17

In: 0.000+/-0.000 χ^2/NDF : 767066.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1145037.5/17

asym_atl_dd_atr_dd_dd_dit_vs_Slug_Sign_Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

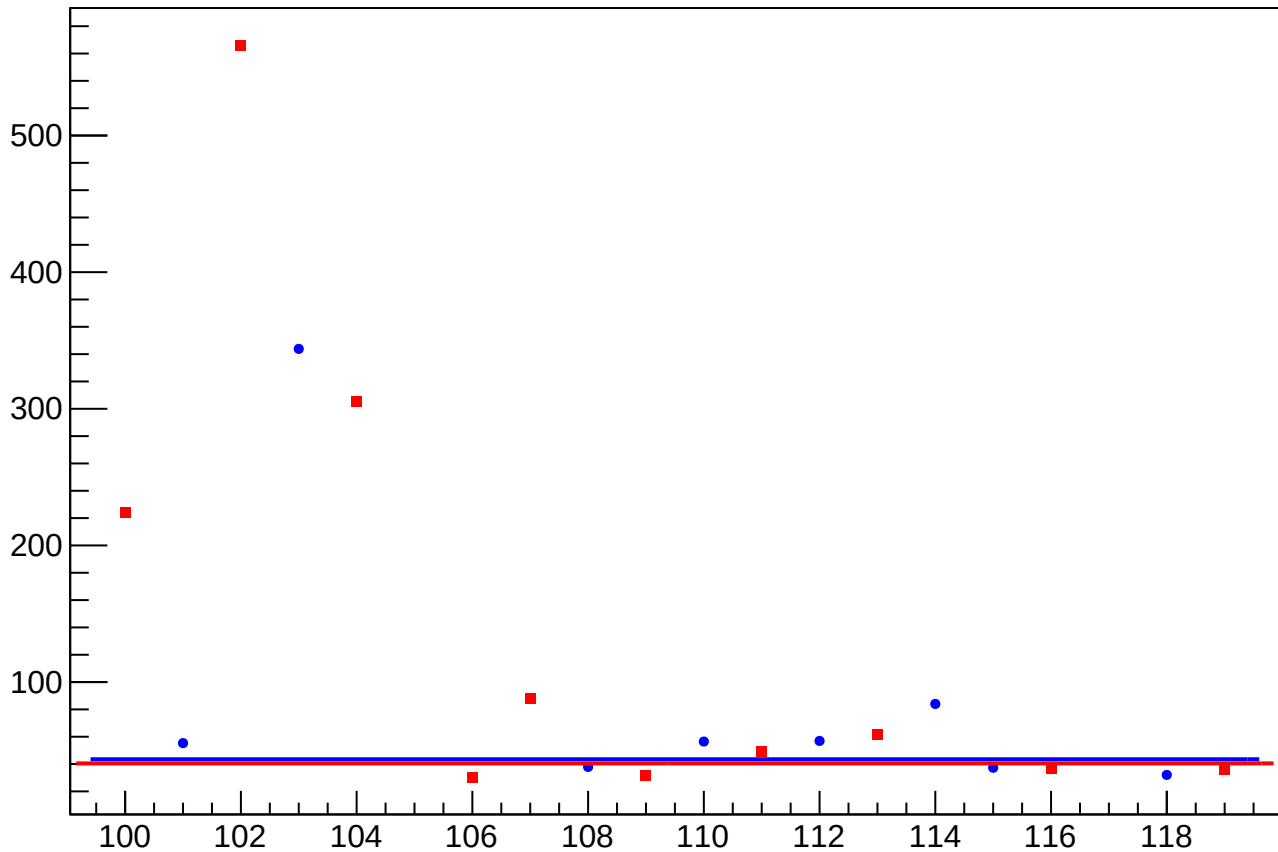
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

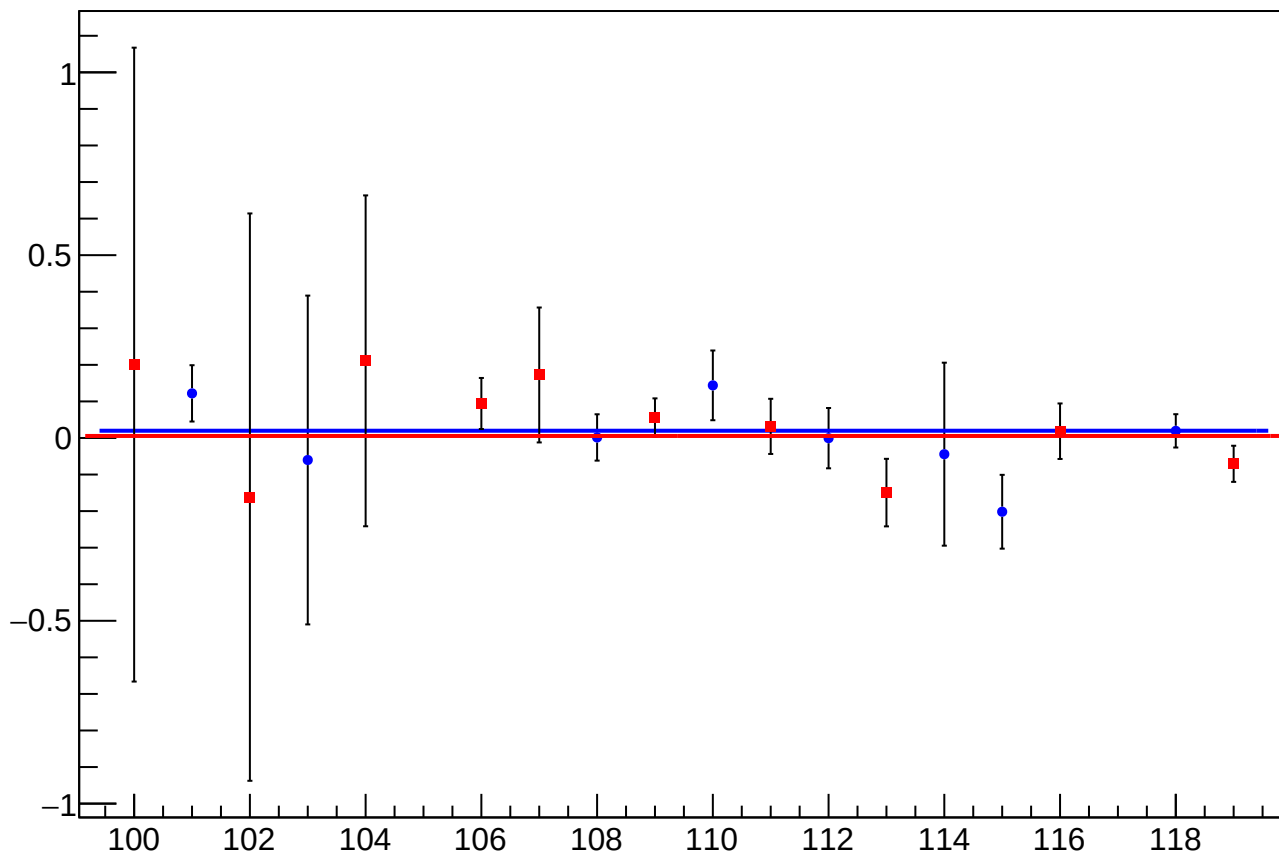
Right: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

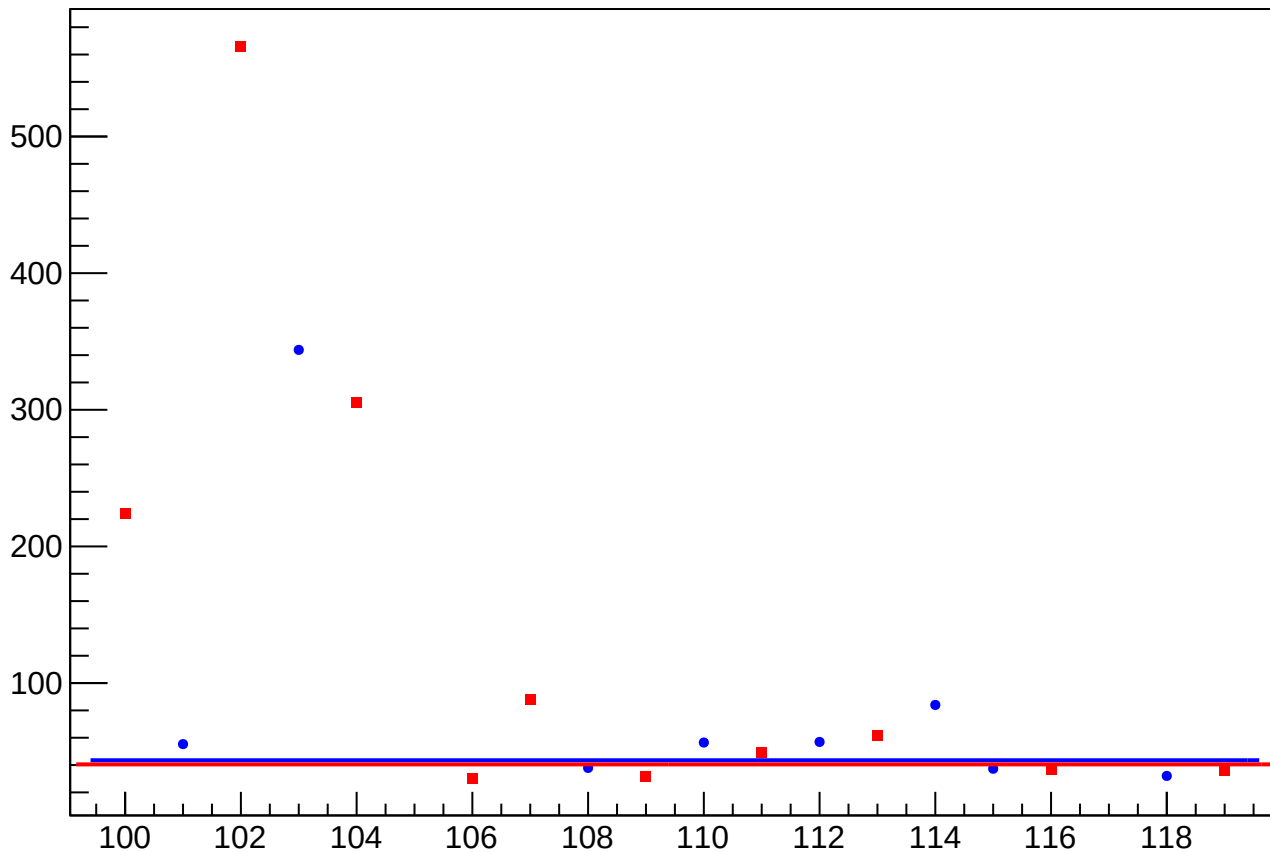
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

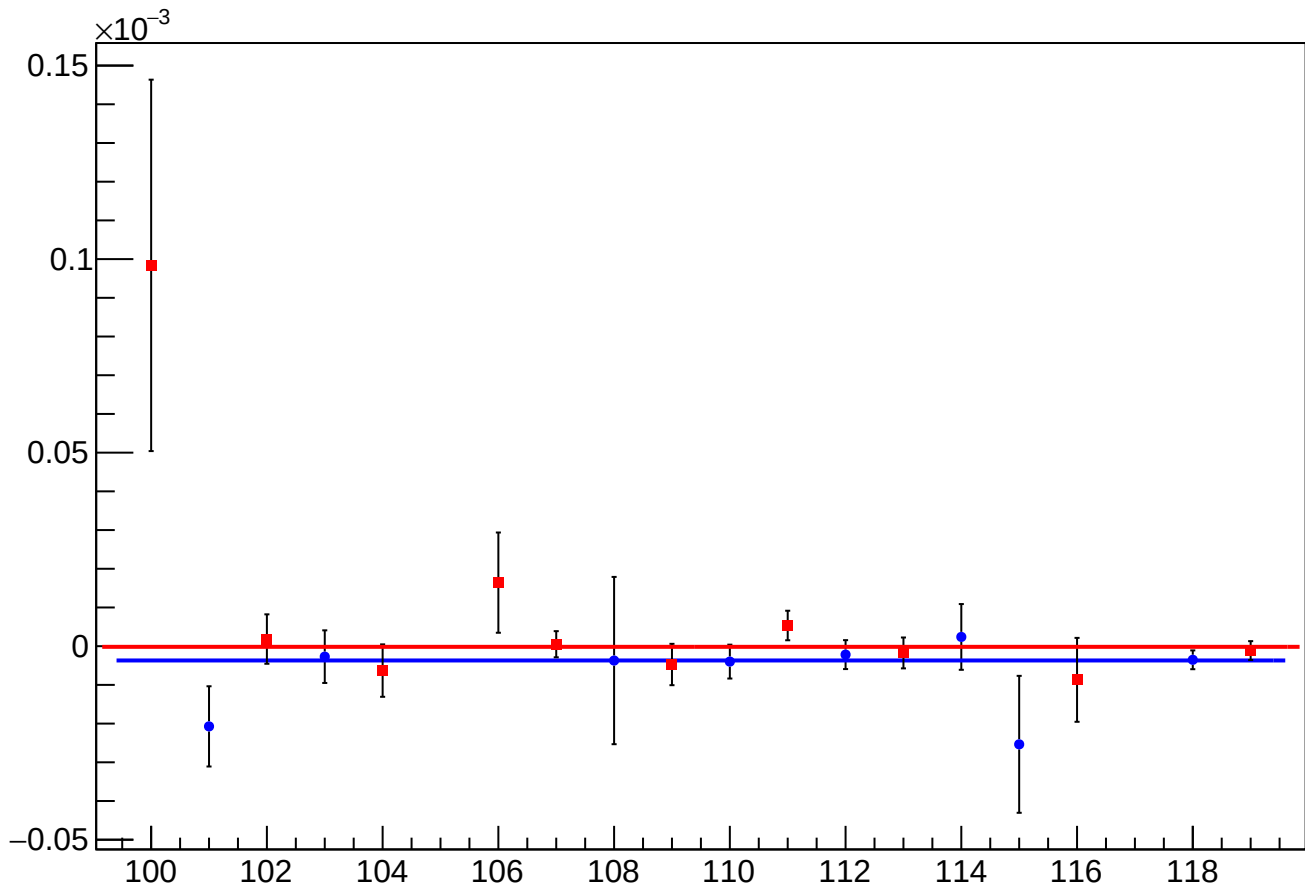
Right: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

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: 4.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

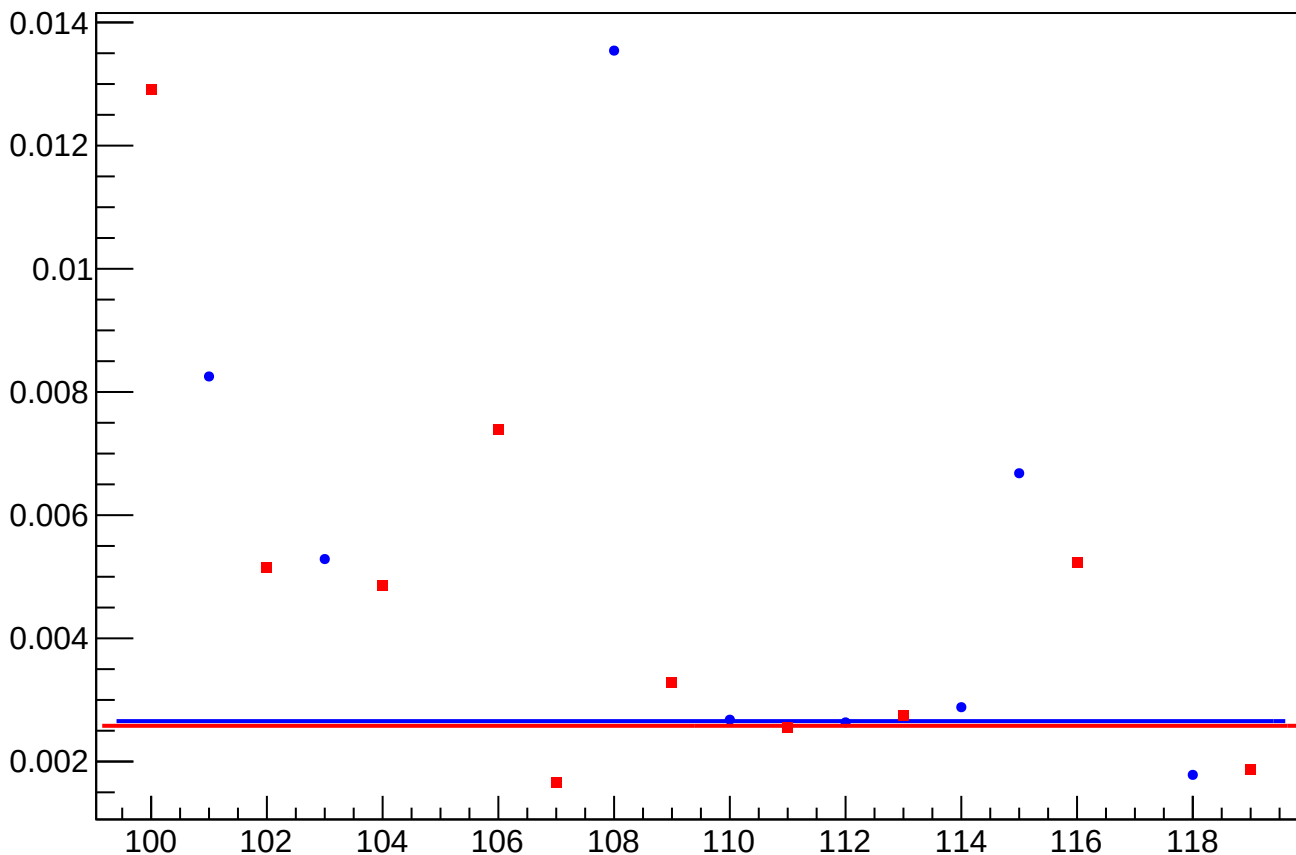
Right: -0.000+/-0.000 χ^2 /NDF: 18.0/17

In: -0.000+/-0.000 χ^2 /NDF:4.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.0/17

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1753494.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1395657.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

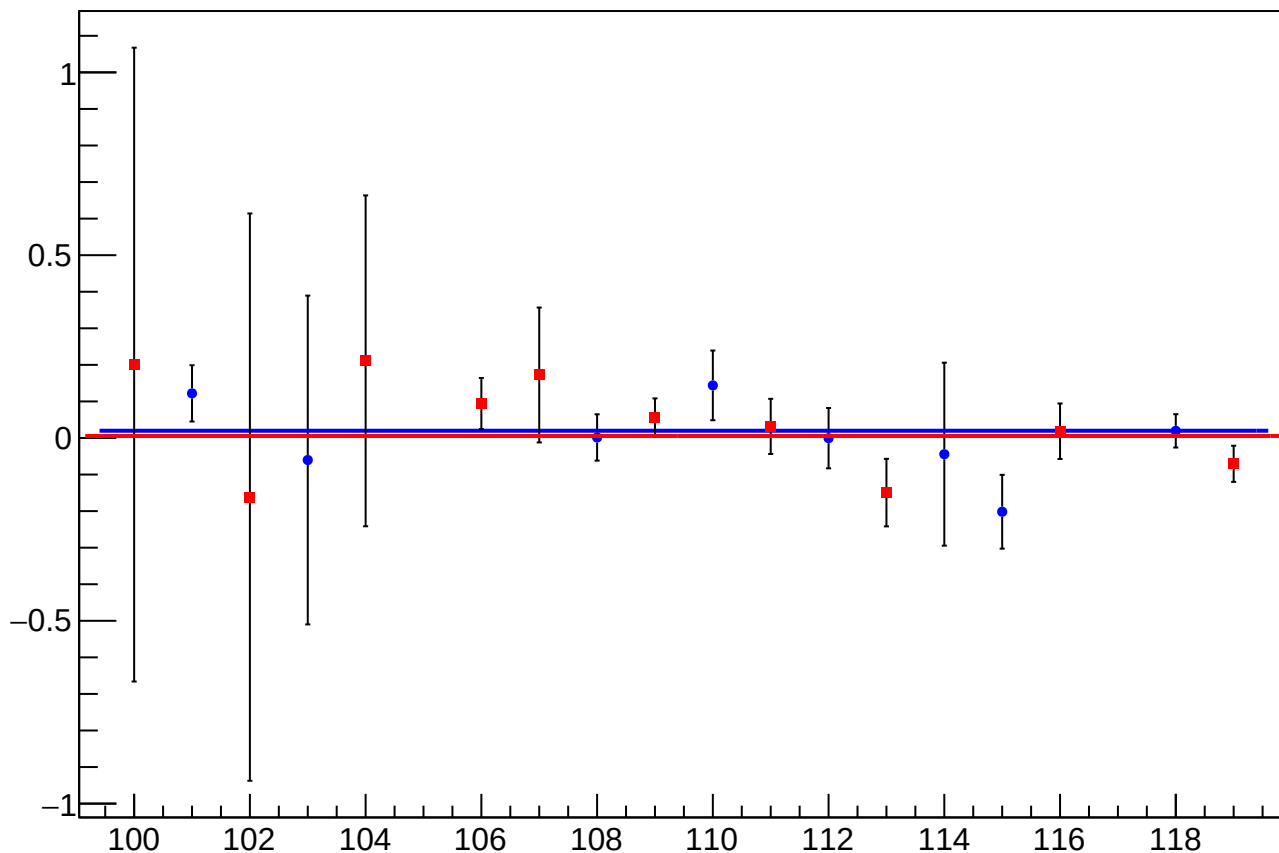
Right: 0.003+/-0.000 χ^2/NDF : 3151478.8/17

In: 0.003+/-0.000 χ^2/NDF :1753494.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3151478.8/17

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

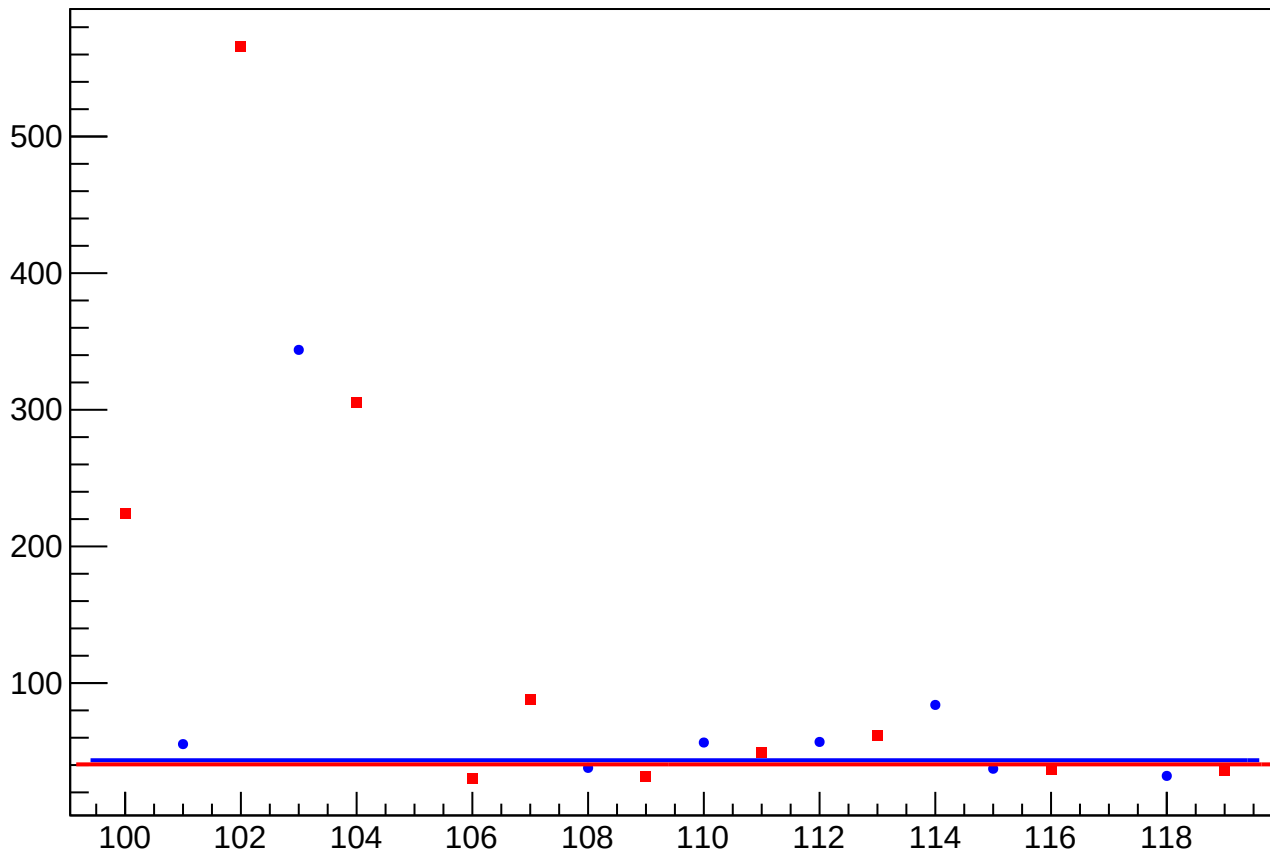
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

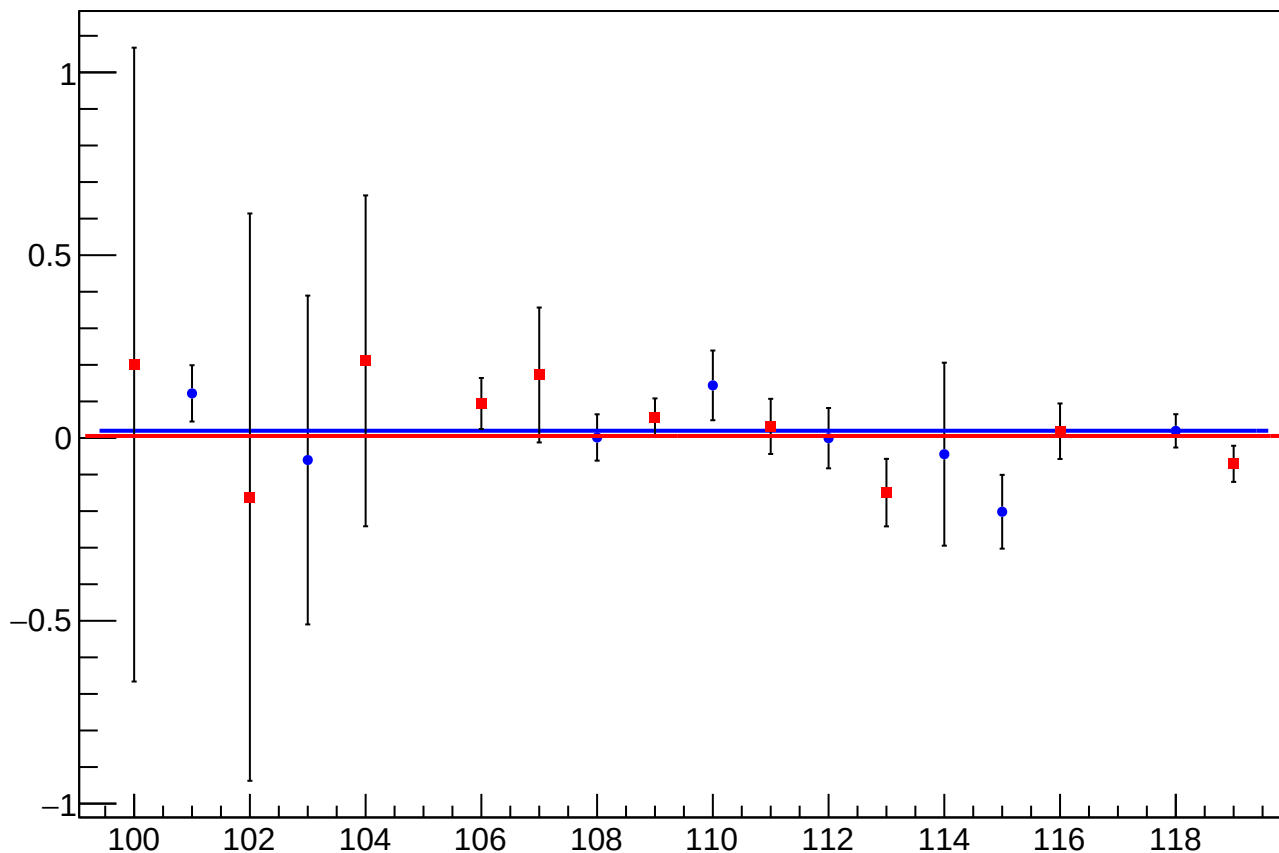
Right: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

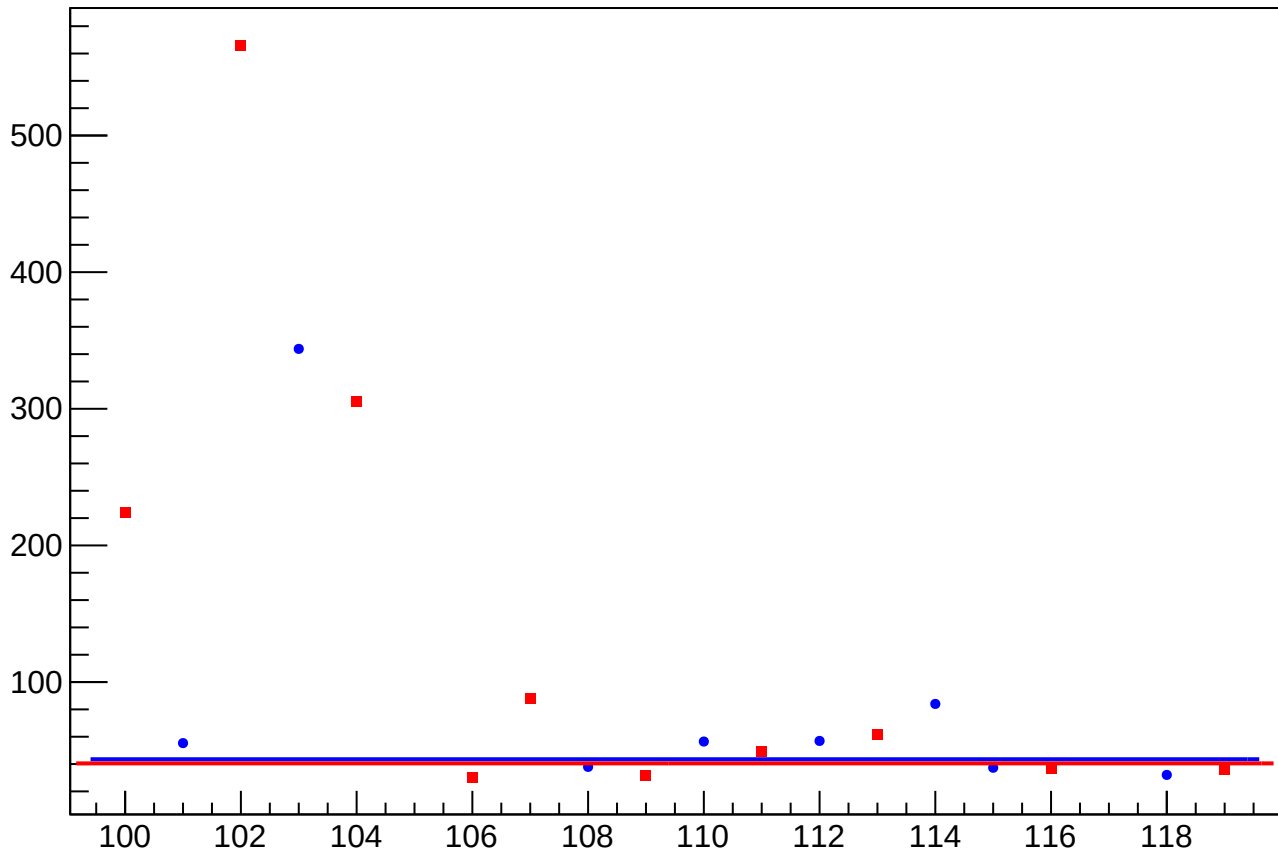
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

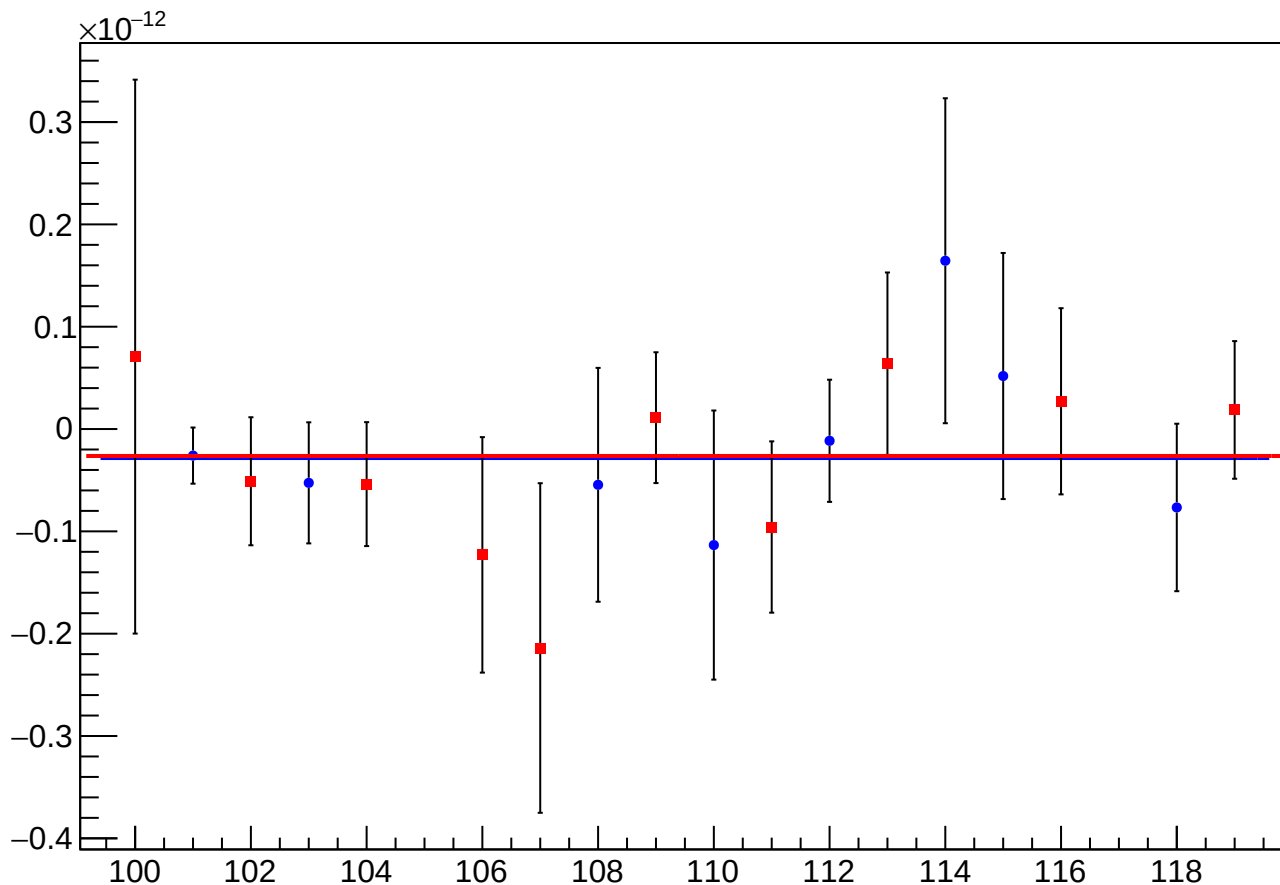
Right: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

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 : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

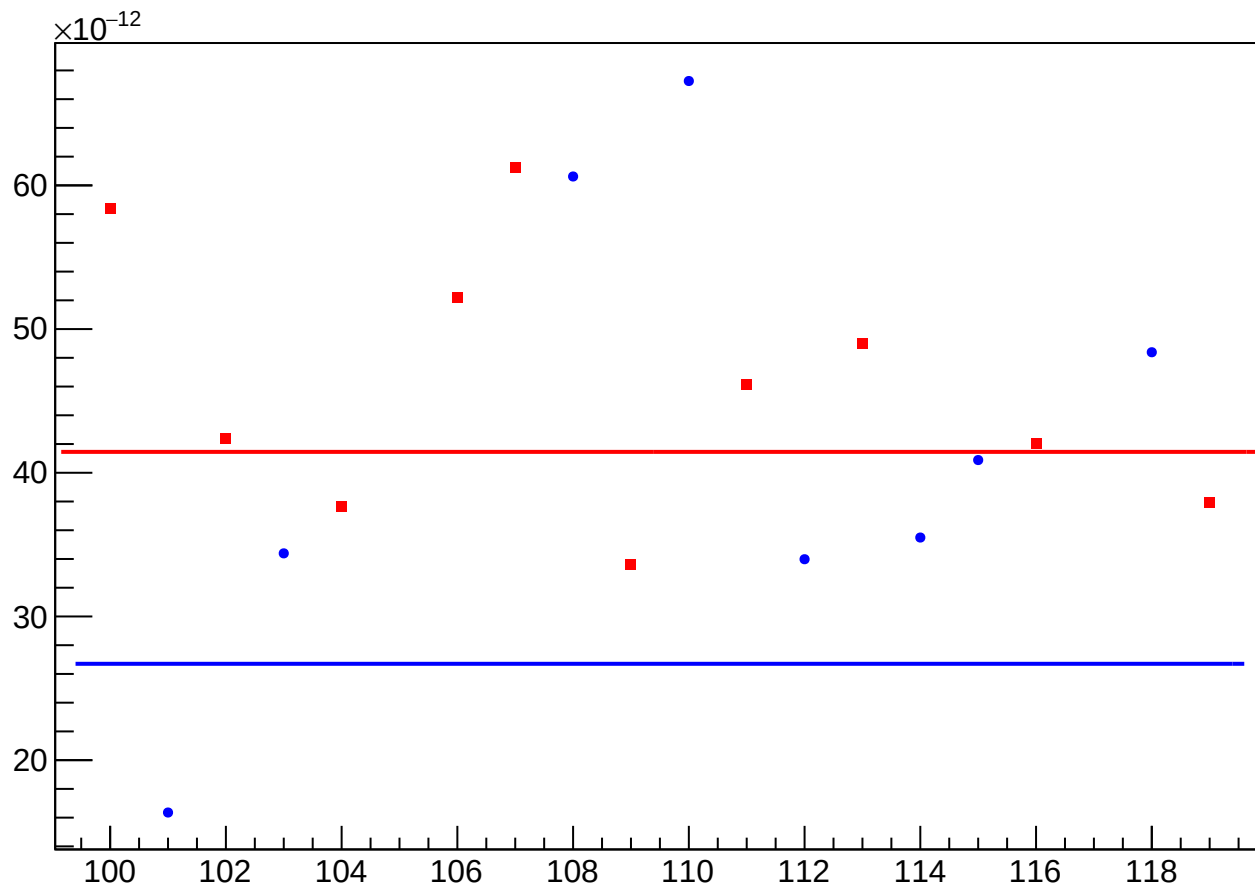
Right: -0.000+/-0.000 χ^2/NDF : 8.4/17

In: -0.000+/-0.000 χ^2/NDF :3.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/17

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 : 888748.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 120156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

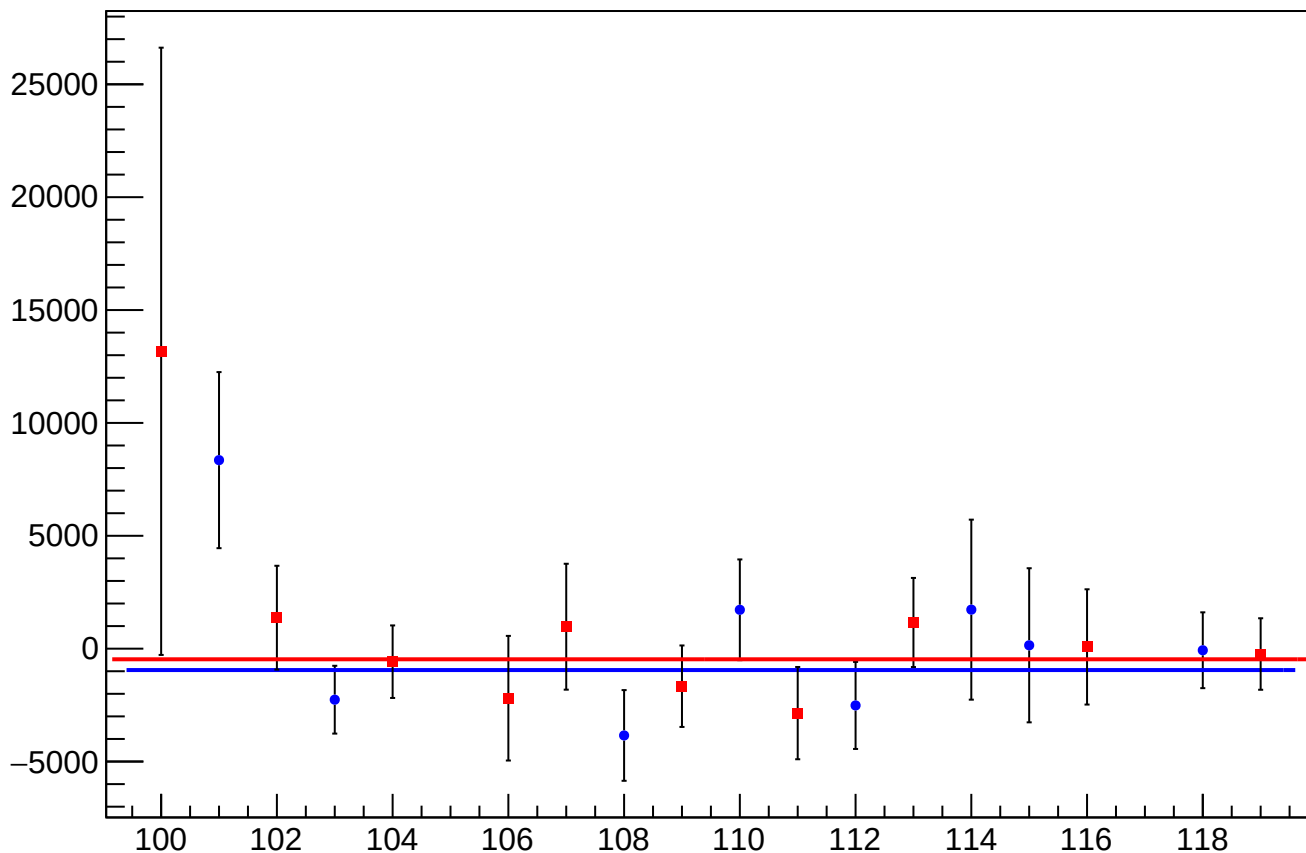
Right: 0.000+/-0.000 χ^2/NDF : 1404736.0/17

In: 0.000+/-0.000 χ^2/NDF : 888748.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1404736.0/17

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -947.654+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

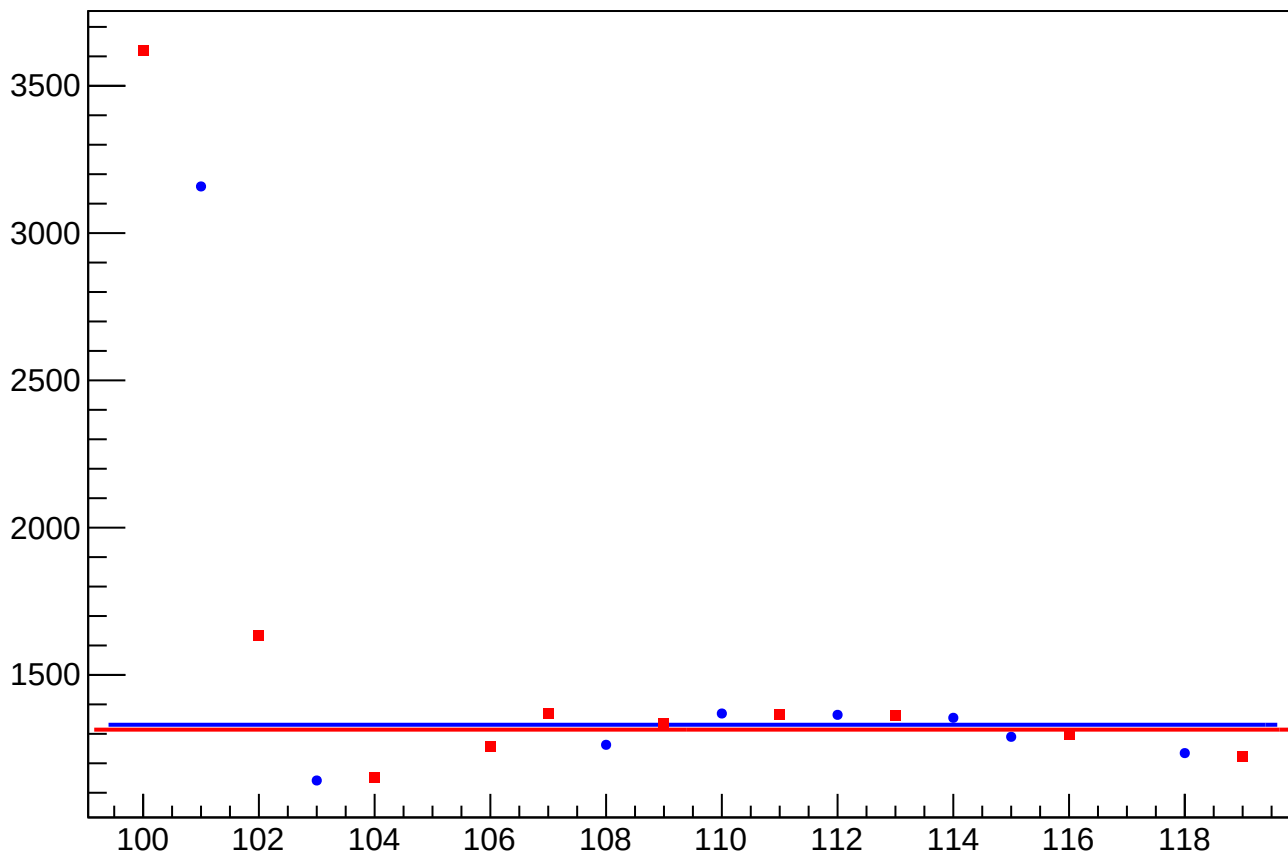
Right: -680.728+/-504.632 χ^2/NDF : 16.5/17

In: -947.654+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -680.728+/-504.632 χ^2/NDF : 16.5/17

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

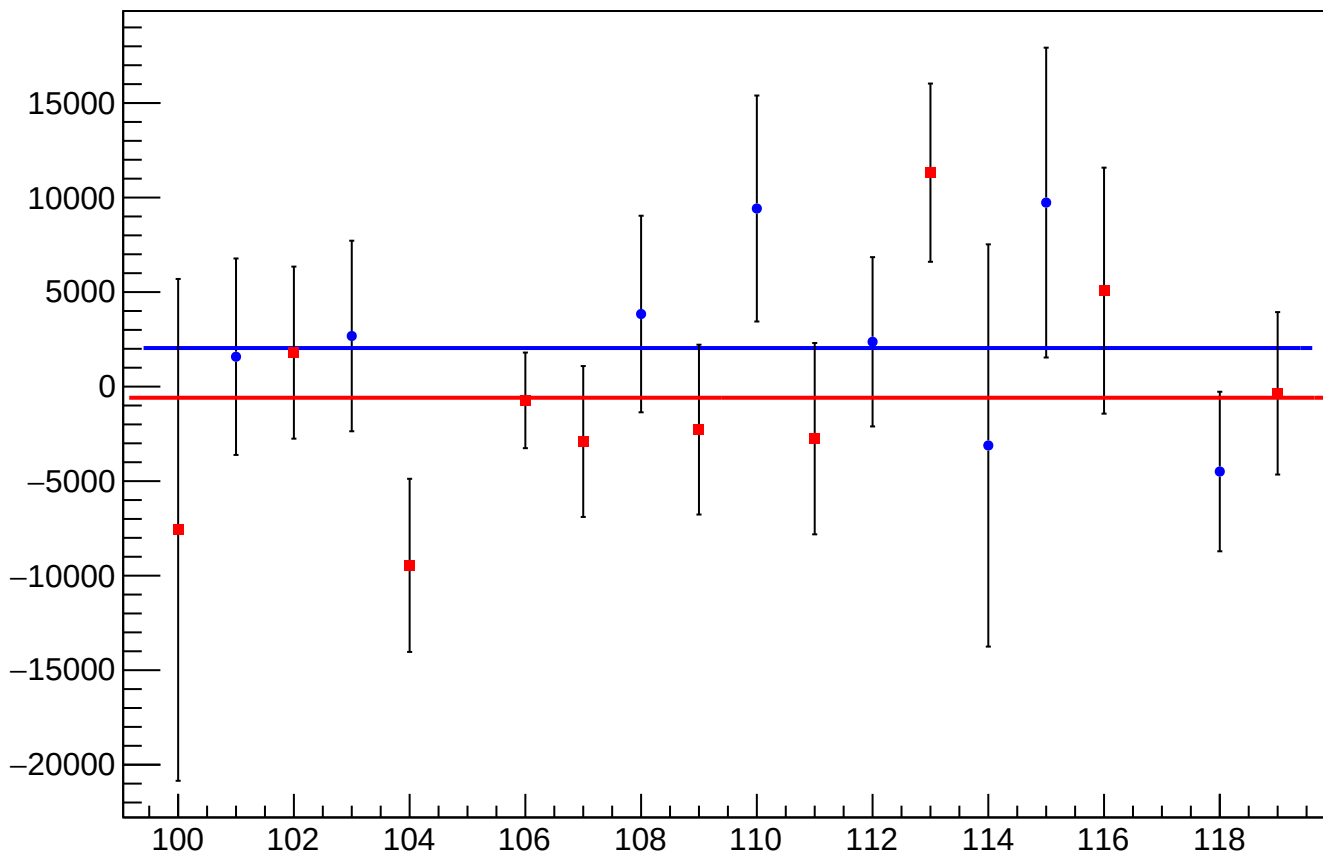
Right: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.123+/-1370.763 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

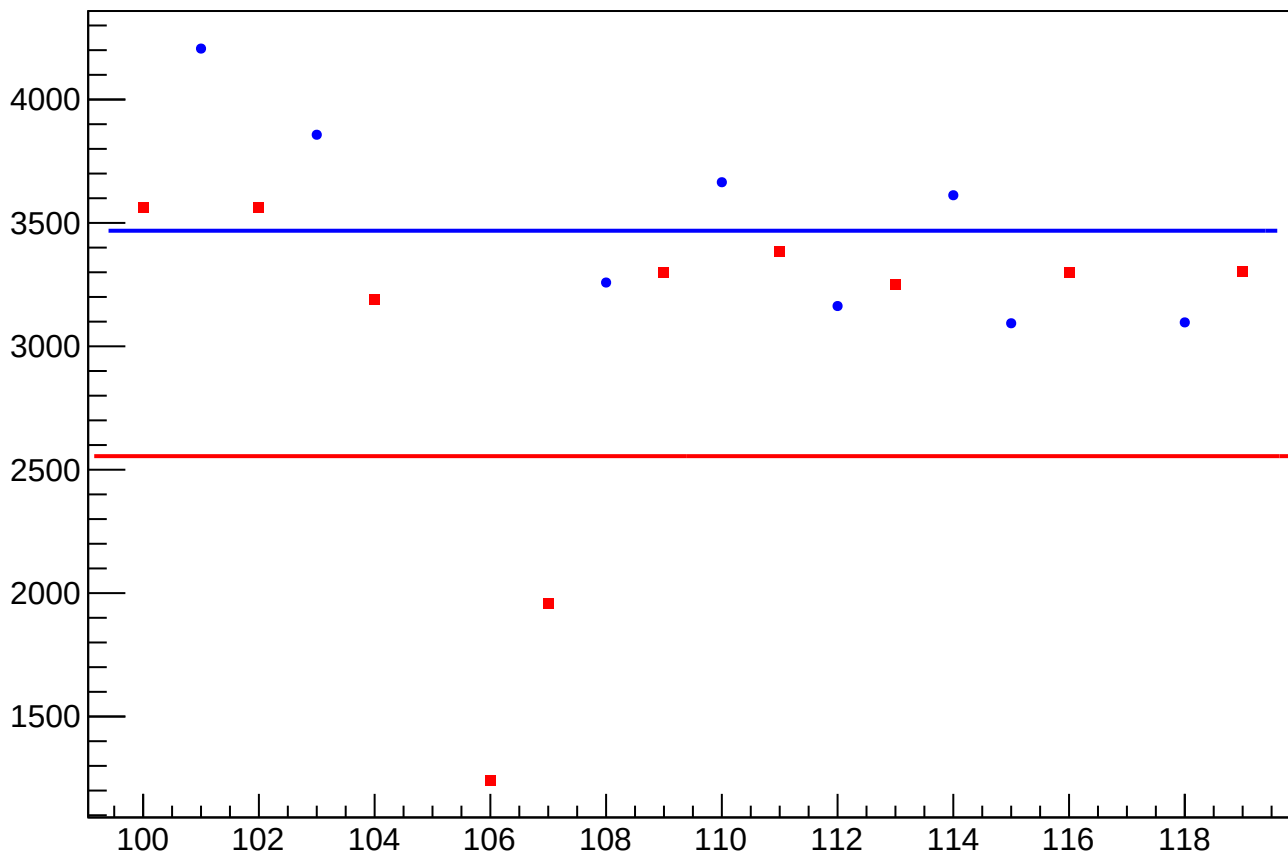
Right: 298.436+/-1115.682 χ^2/NDF : 18.5/17

In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.436+/-1115.682 χ^2/NDF : 18.5/17

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988+/-0.969 χ^2/NDF : 970662.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

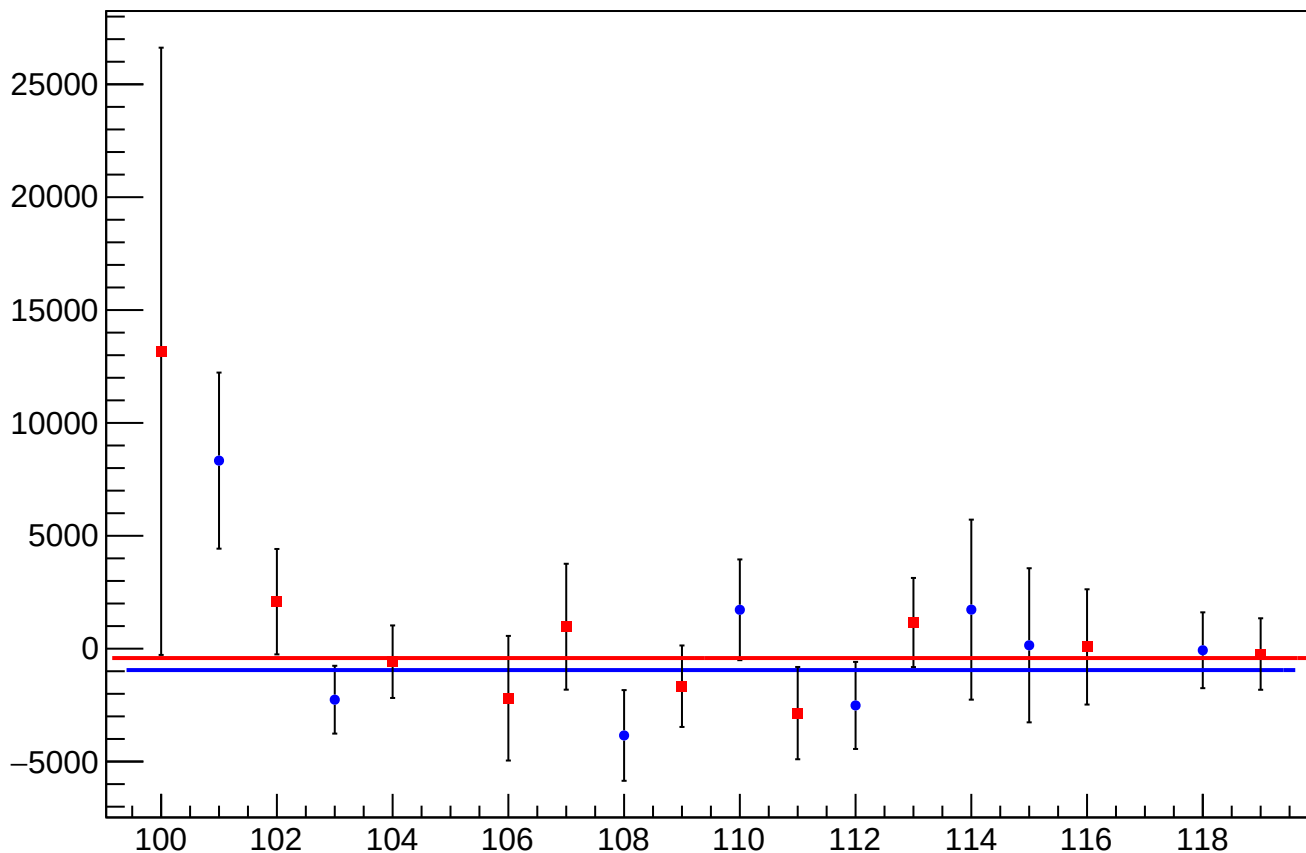
Right: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

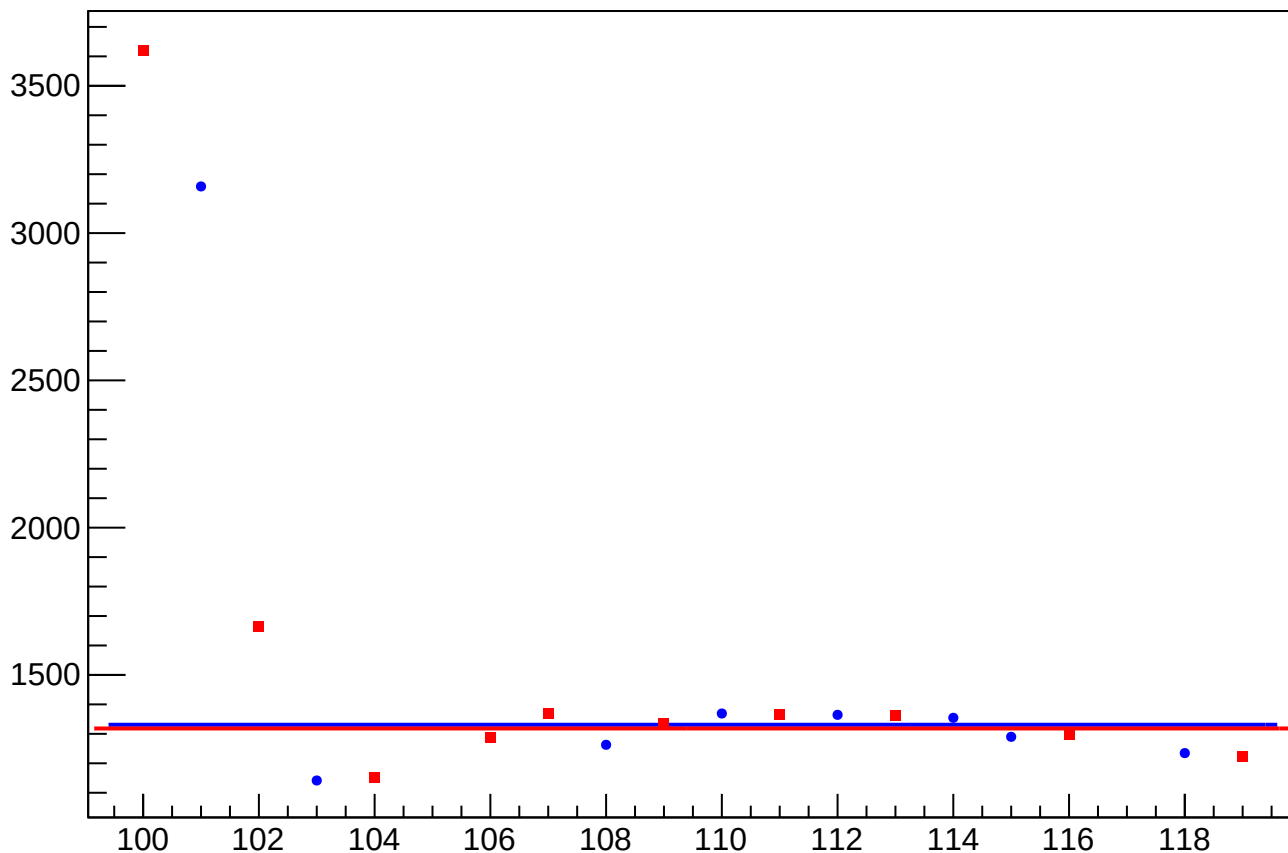
Right: -650.881+/-504.991 χ^2/NDF : 17.1/17

In: -948.478+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.881+/-504.991 χ^2/NDF : 17.1/17

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

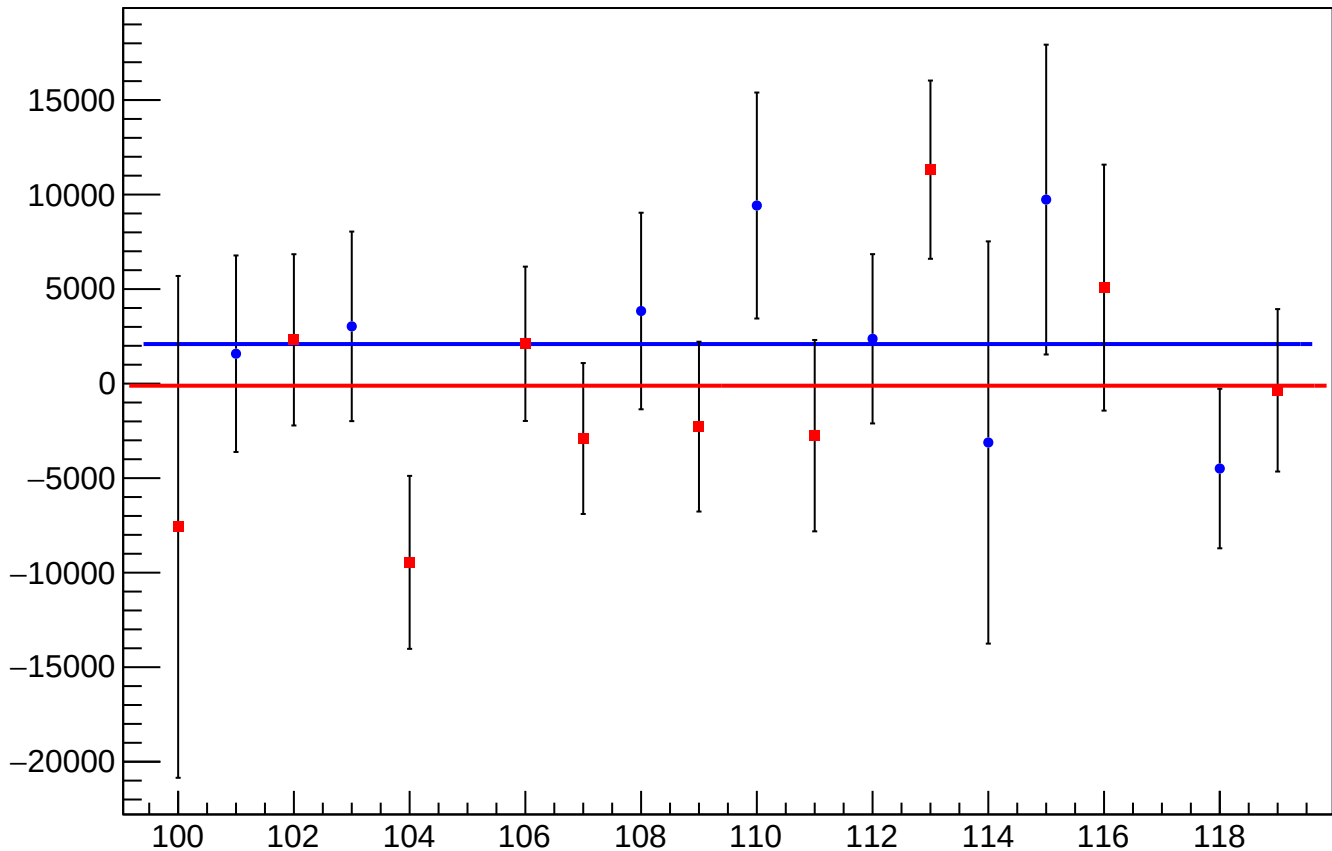
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

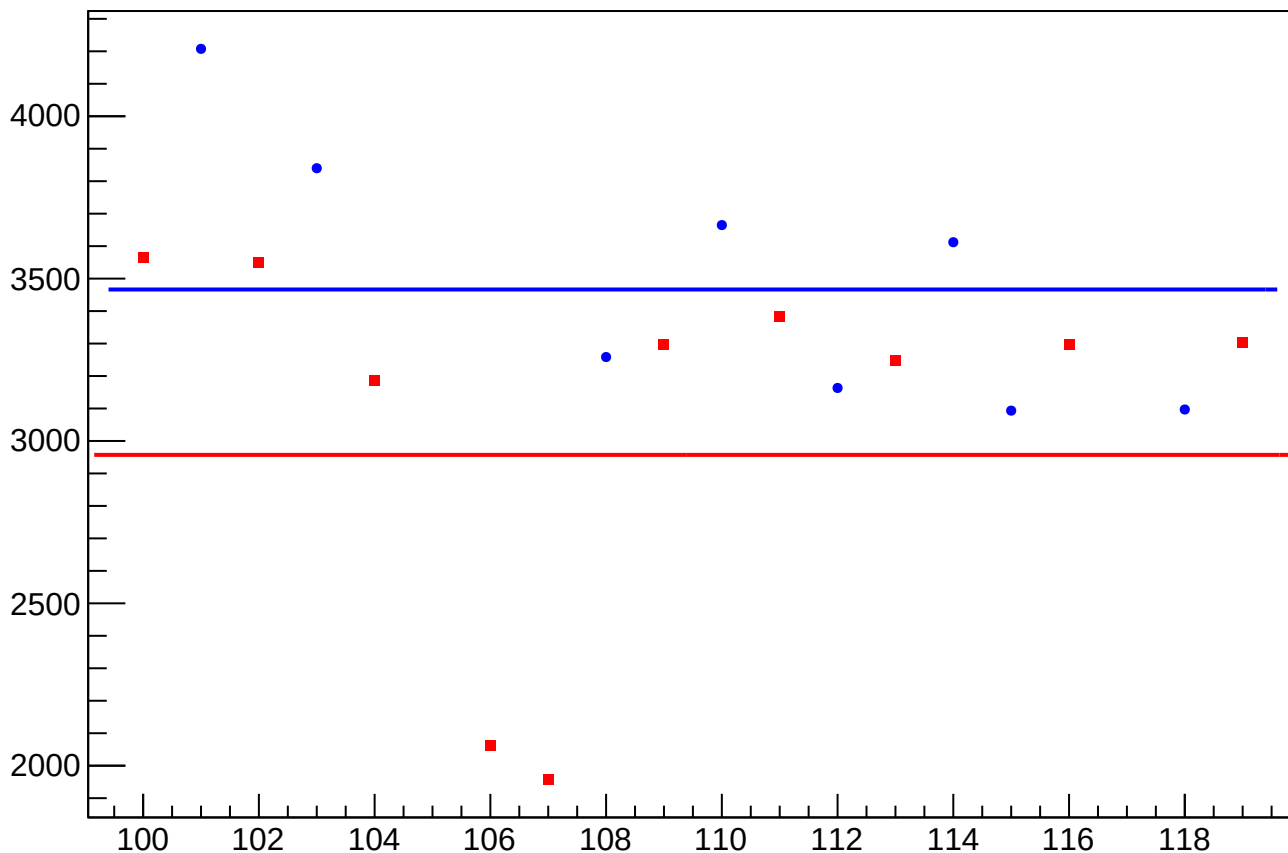
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

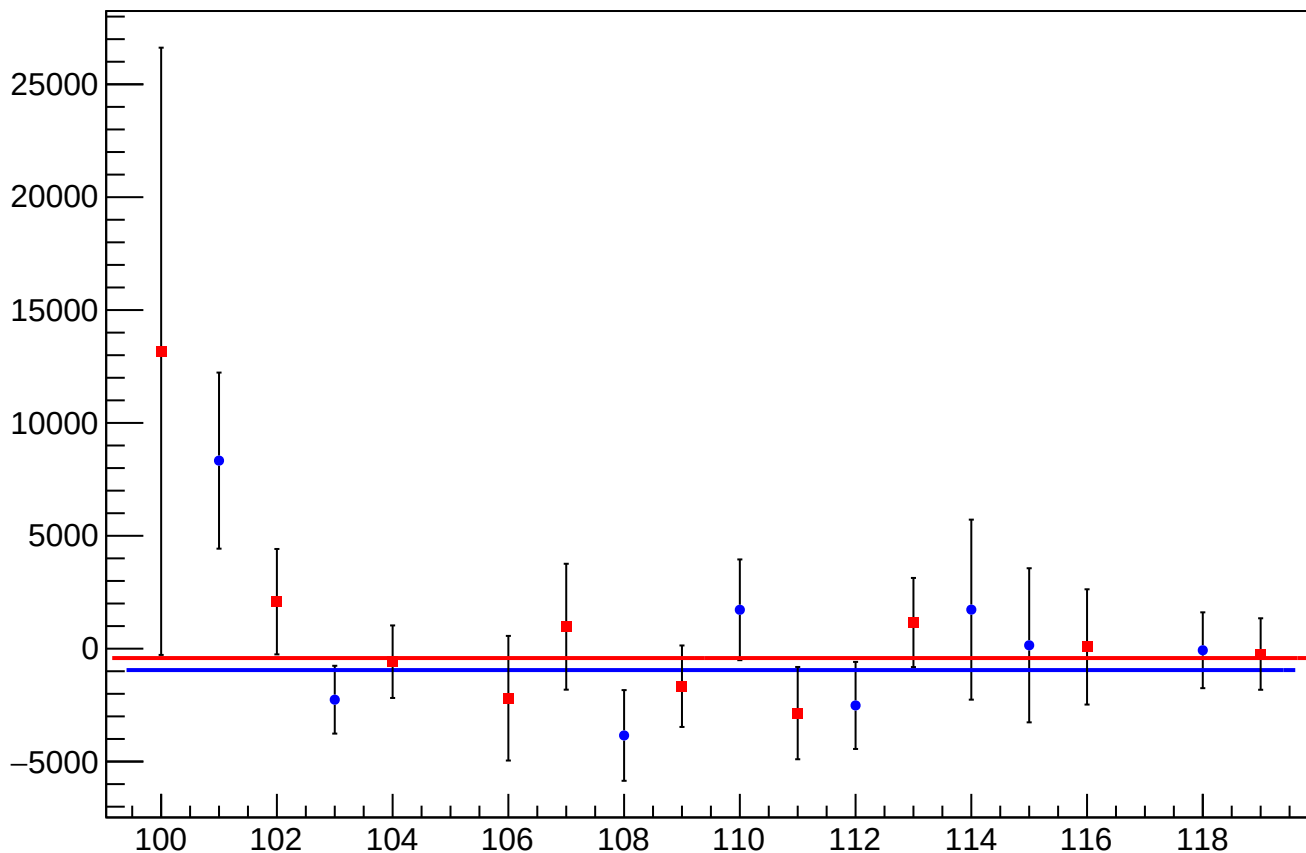
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

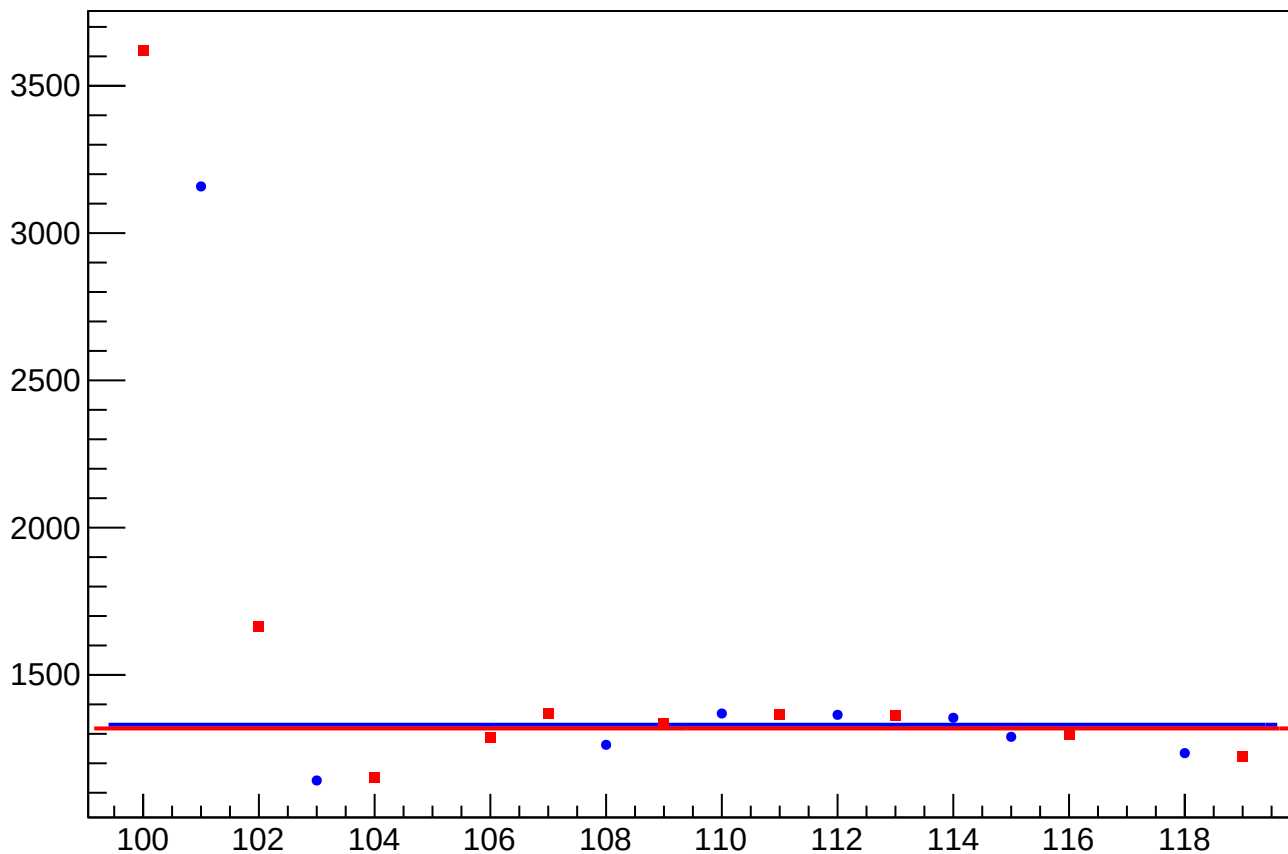
Right: -650.881+/-504.991 χ^2/NDF : 17.1/17

In: -948.478+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.881+/-504.991 χ^2/NDF : 17.1/17

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

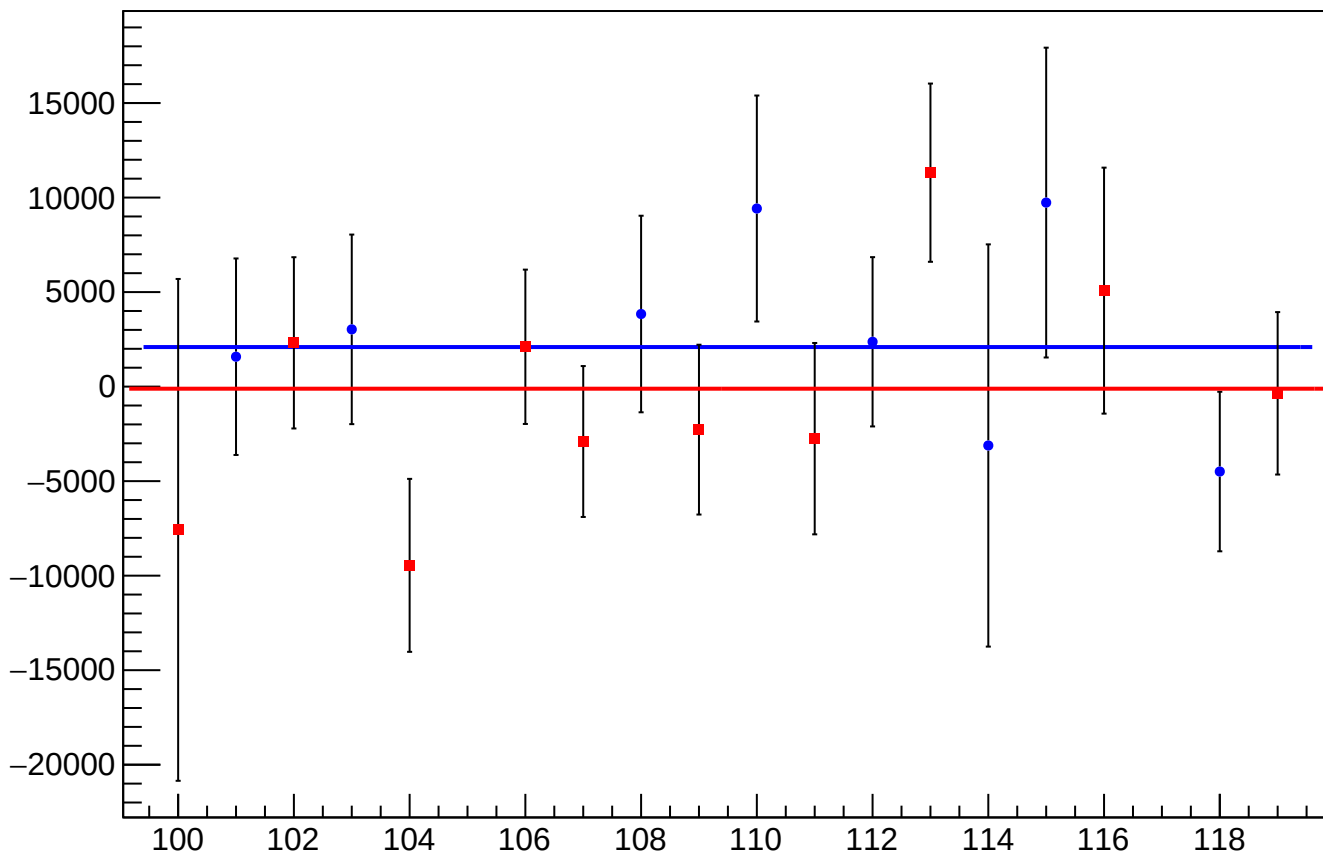
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

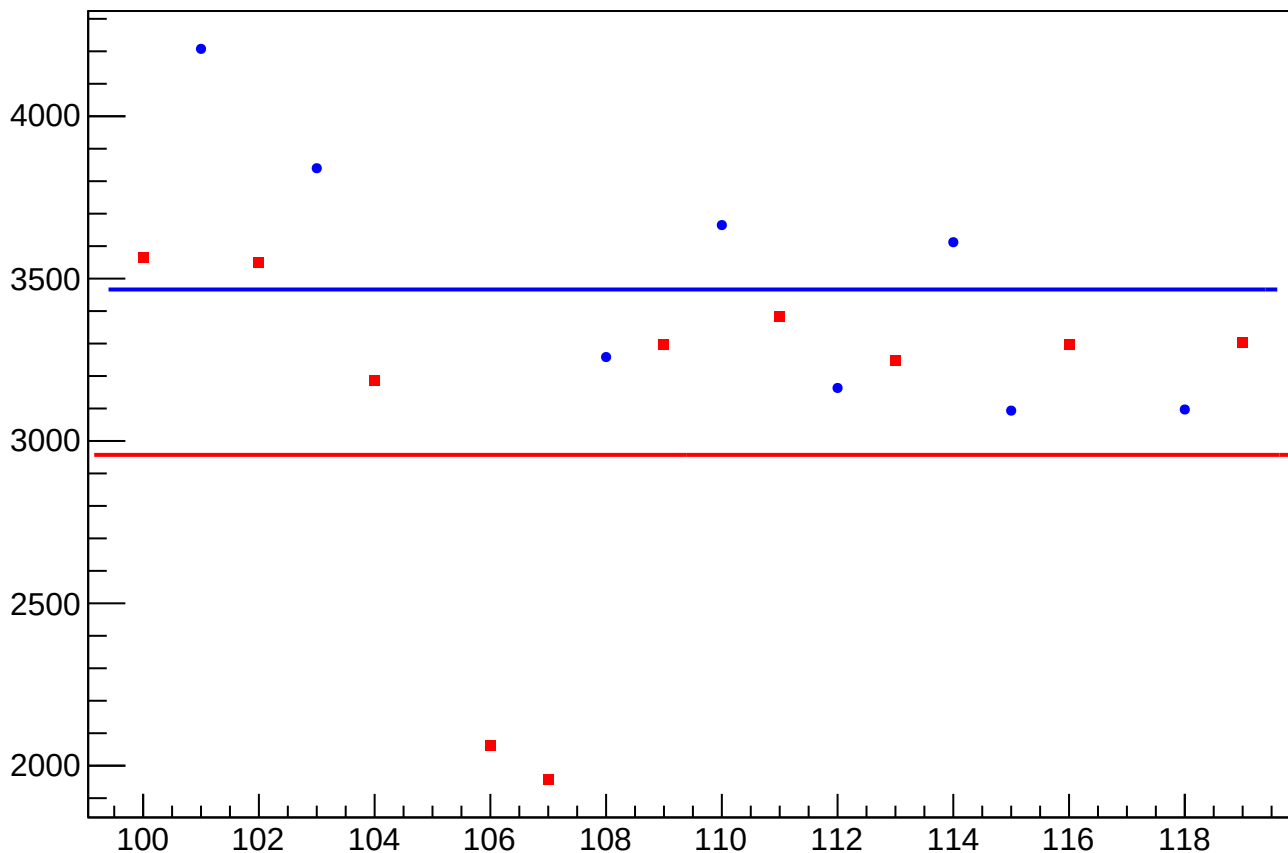
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

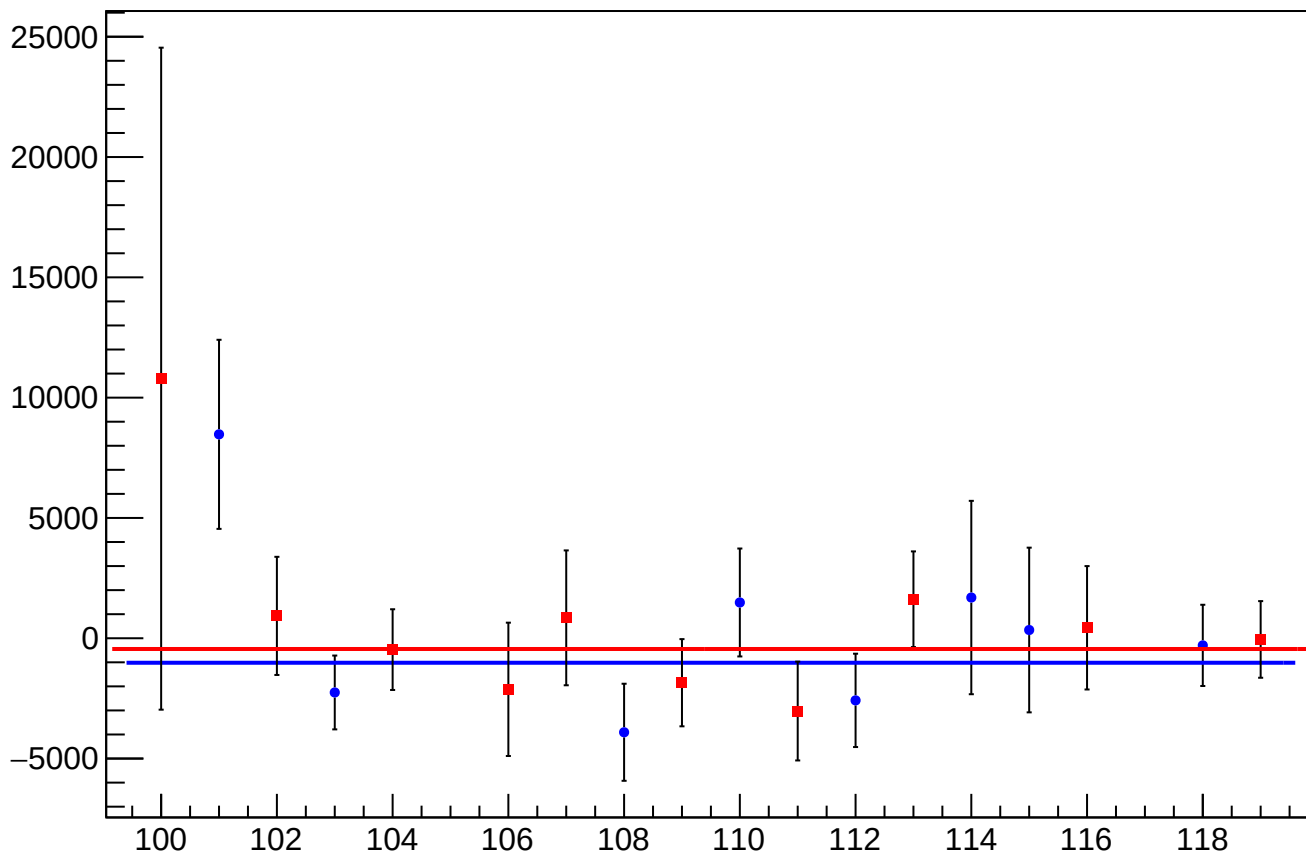
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

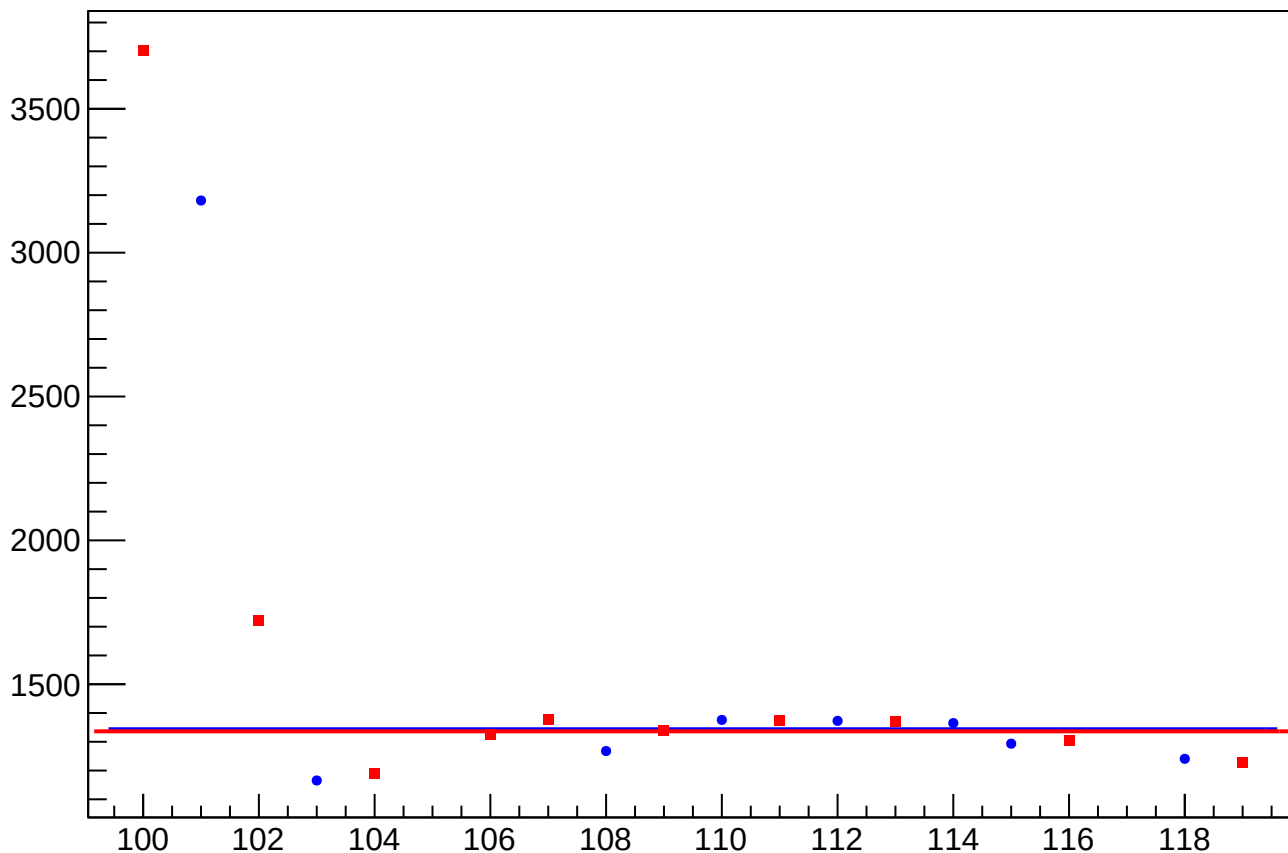
Right: -700.344+/-511.423 χ^2/NDF : 16.5/17

In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.344+/-511.423 χ^2/NDF : 16.5/17

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

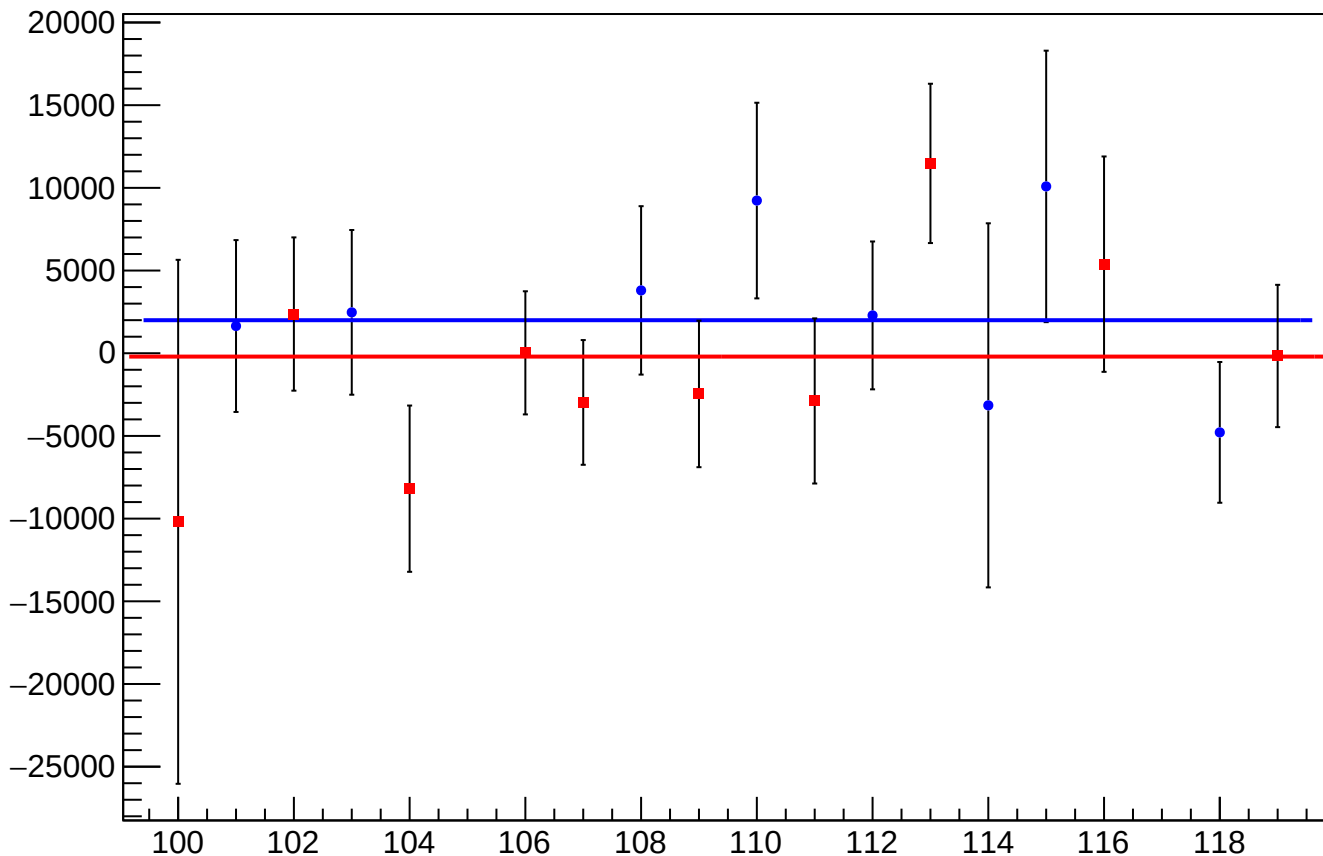
Right: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.194+/-1914.404 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.496+/-1500.109 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

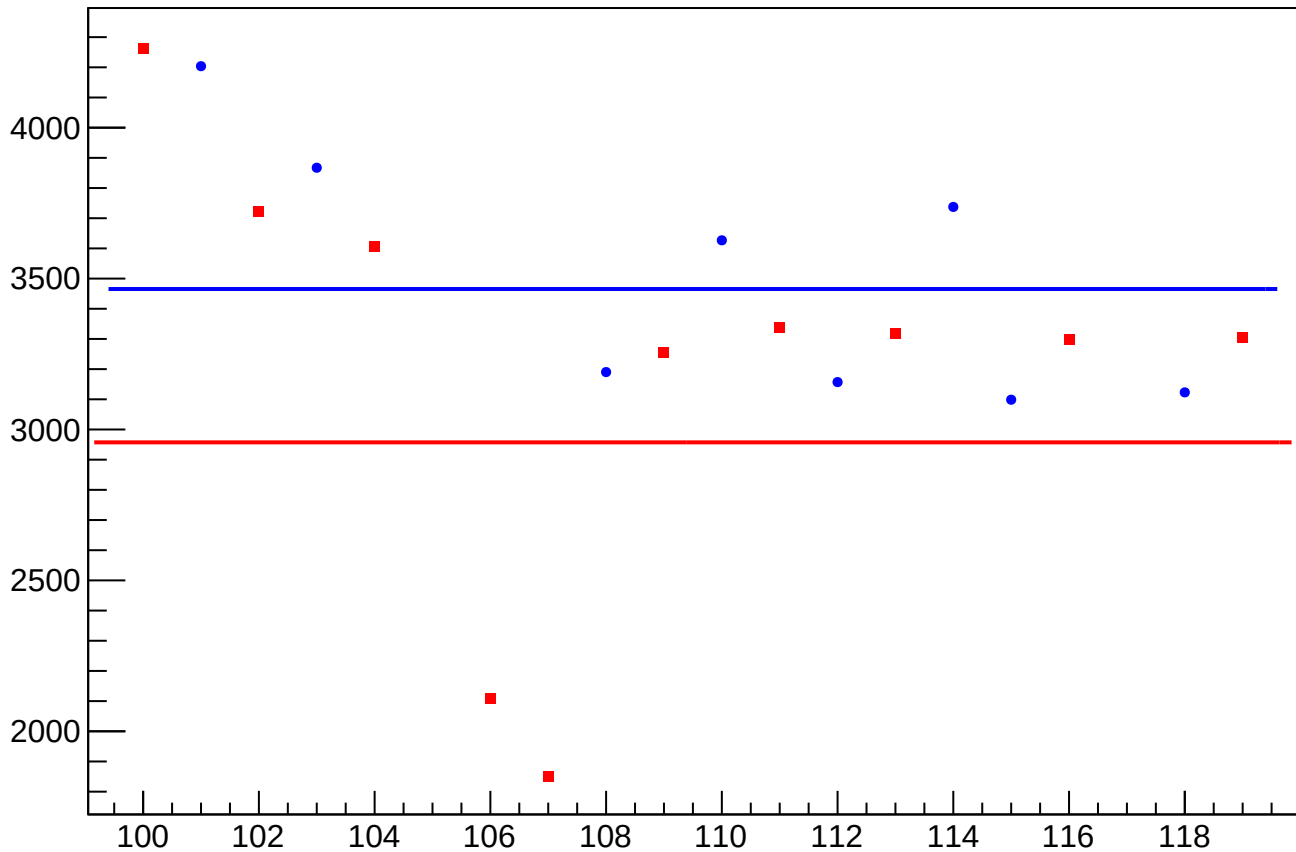
Right: 634.325+/-1180.780 χ^2/NDF : 17.1/17

In: 1997.194+/-1914.404 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.325+/-1180.780 χ^2/NDF : 17.1/17

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

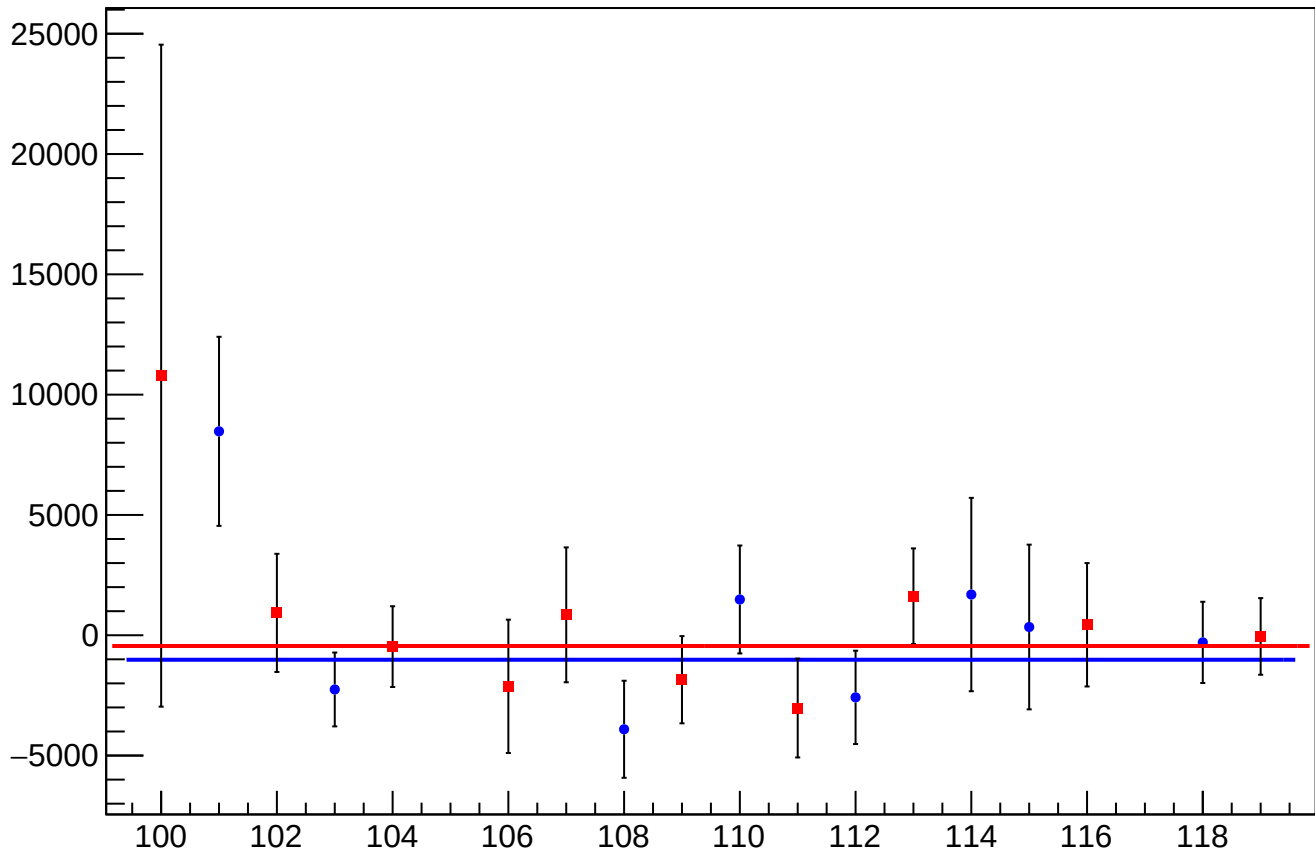
Right: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.292+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

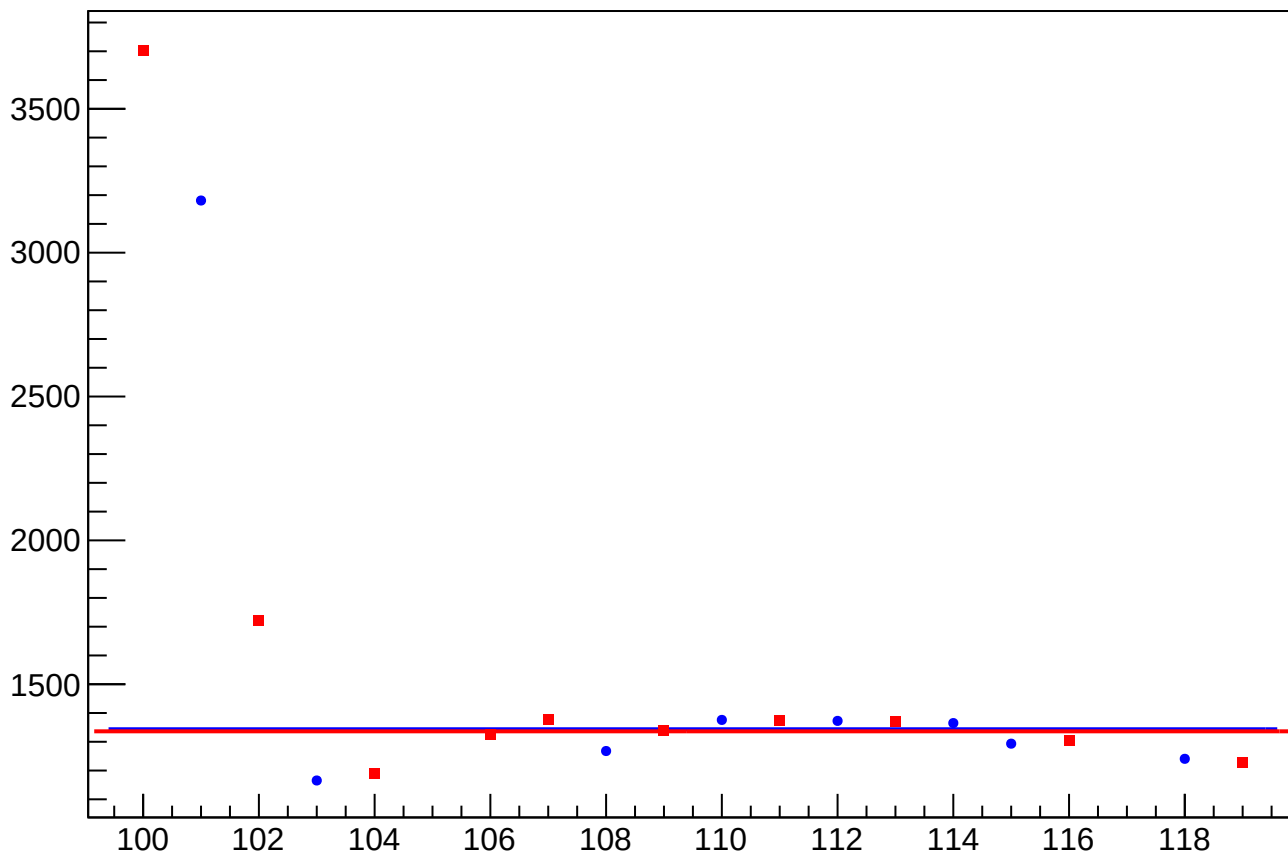
Right: -700.350+/-511.423 χ^2/NDF : 16.5/17

In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.350+/-511.423 χ^2/NDF : 16.5/17

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

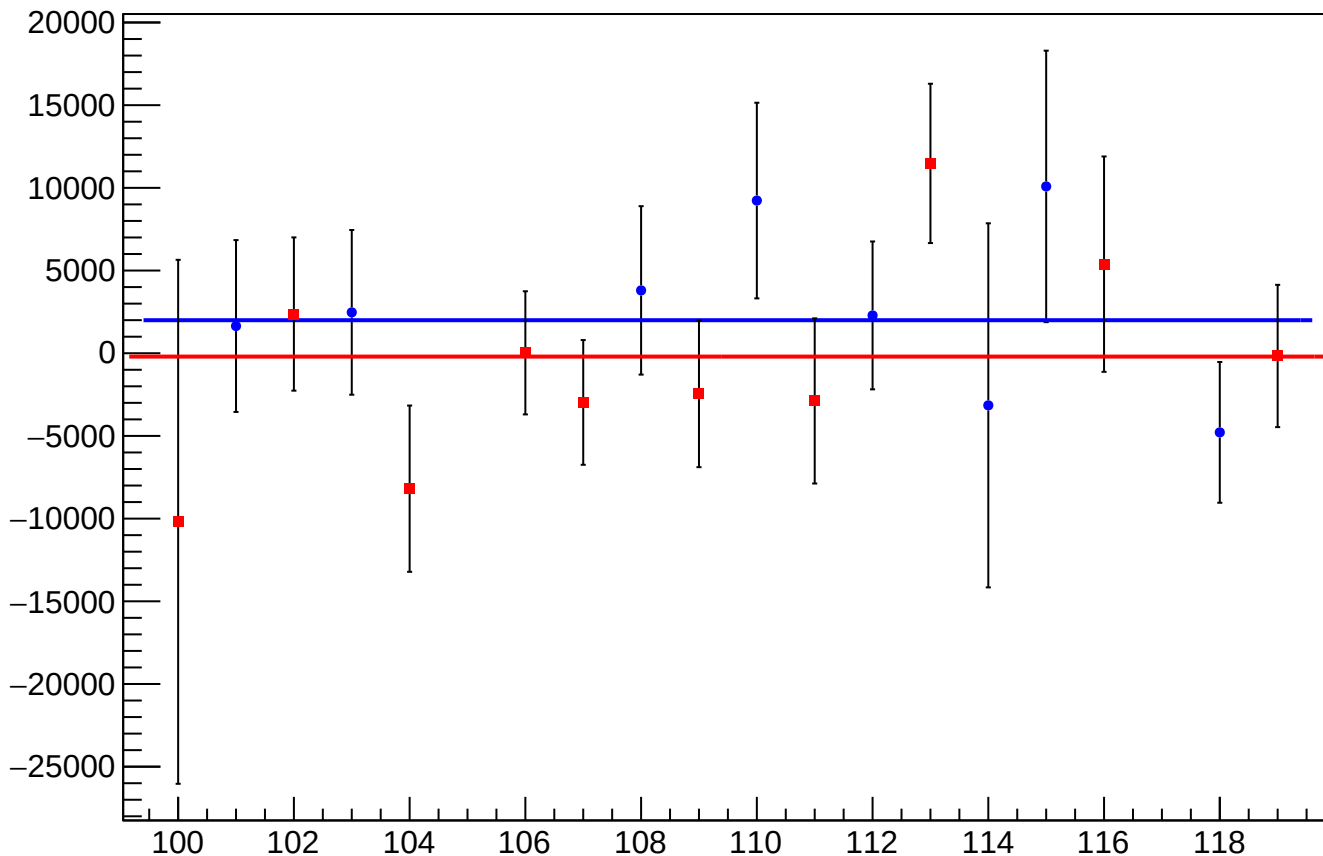
Right: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

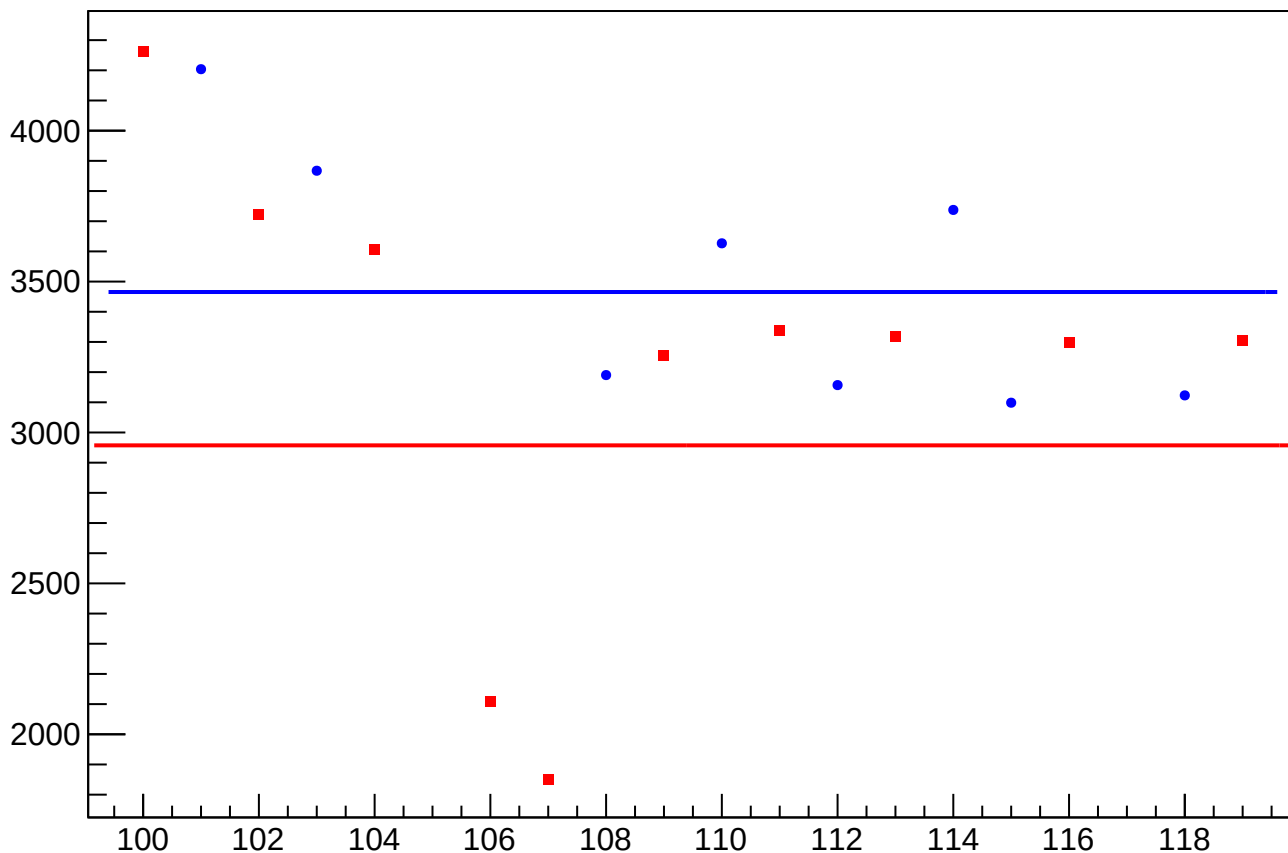
Right: 634.319+/-1180.778 χ^2/NDF : 17.1/17

In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.319+/-1180.778 χ^2/NDF : 17.1/17

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

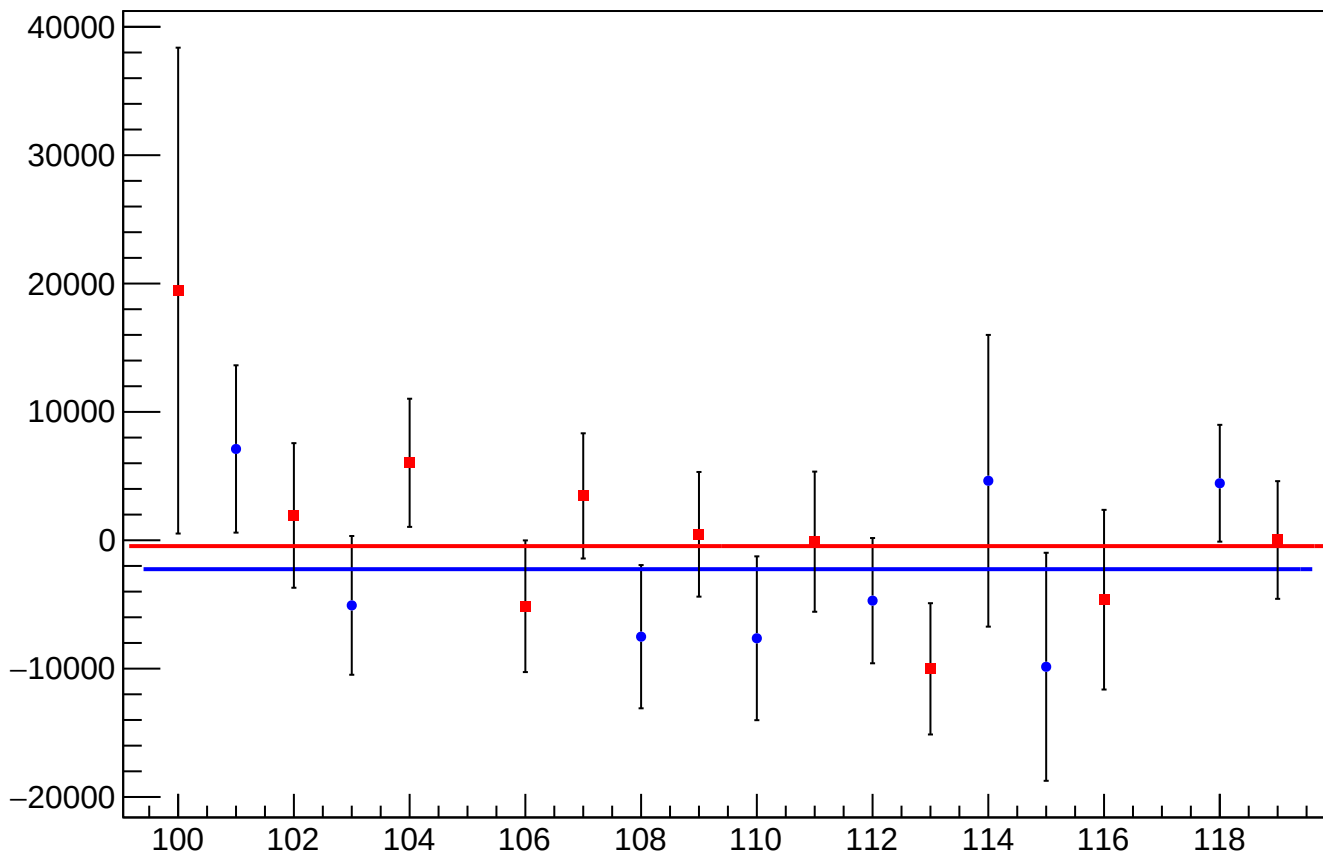
Right: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

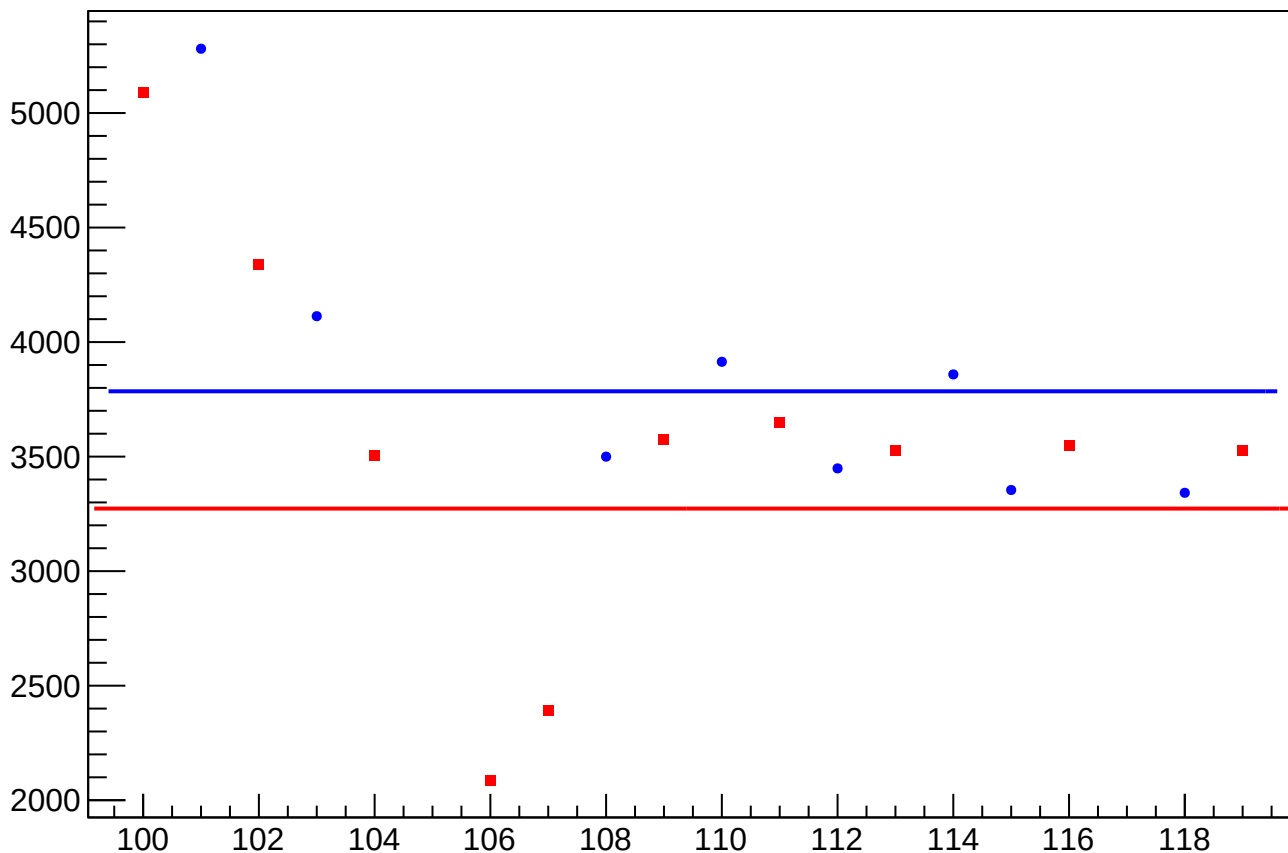
Right: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

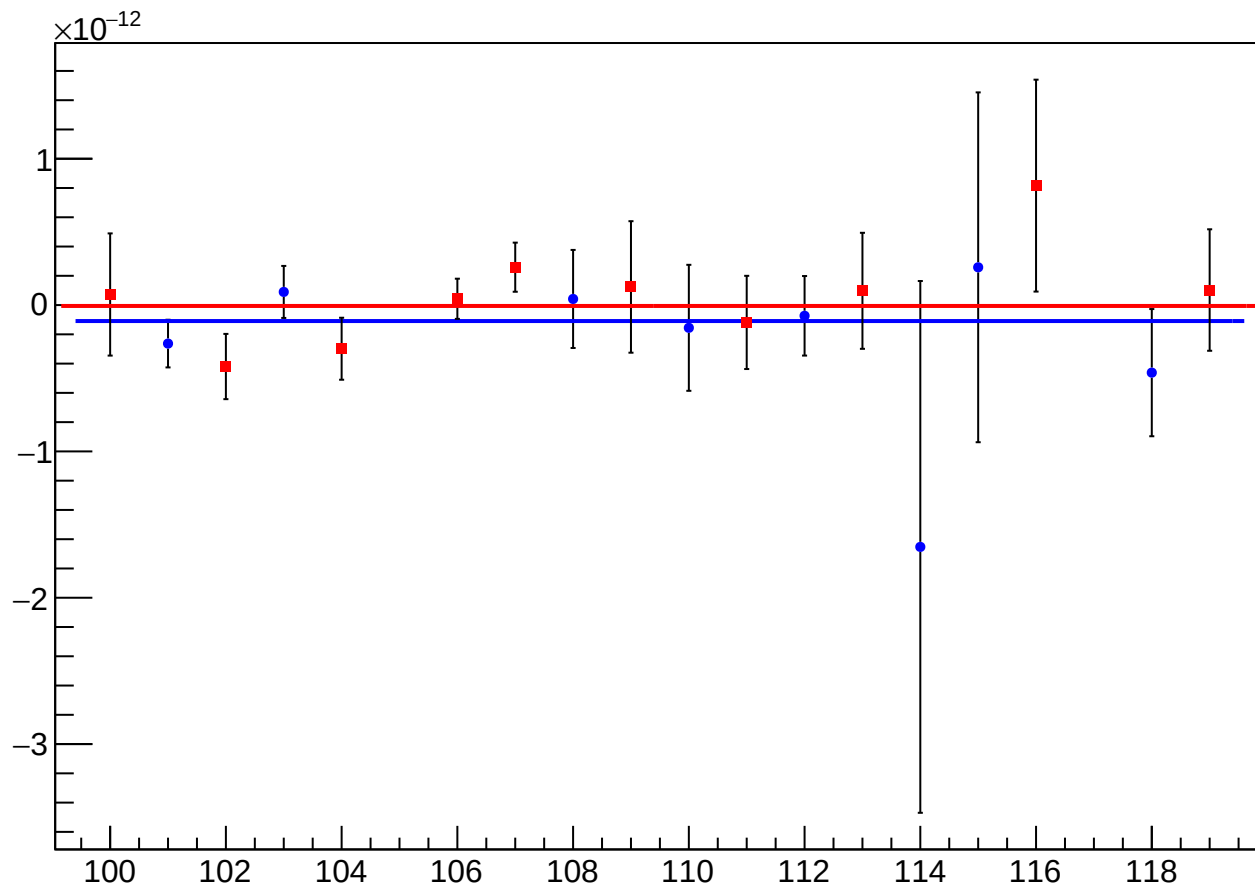
Right: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

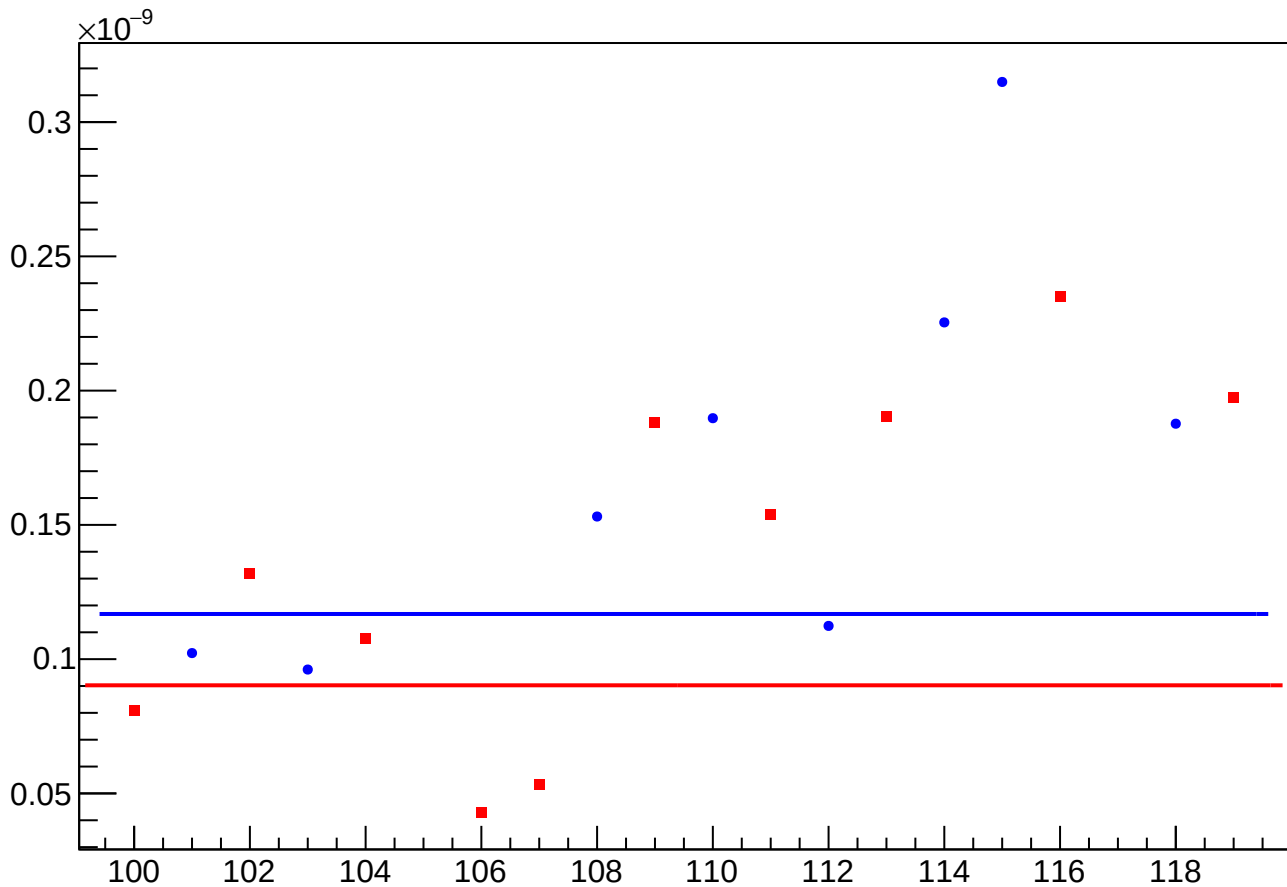
Right: -0.000+/-0.000 χ^2/NDF : 14.2/17

In: -0.000+/-0.000 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.2/17

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

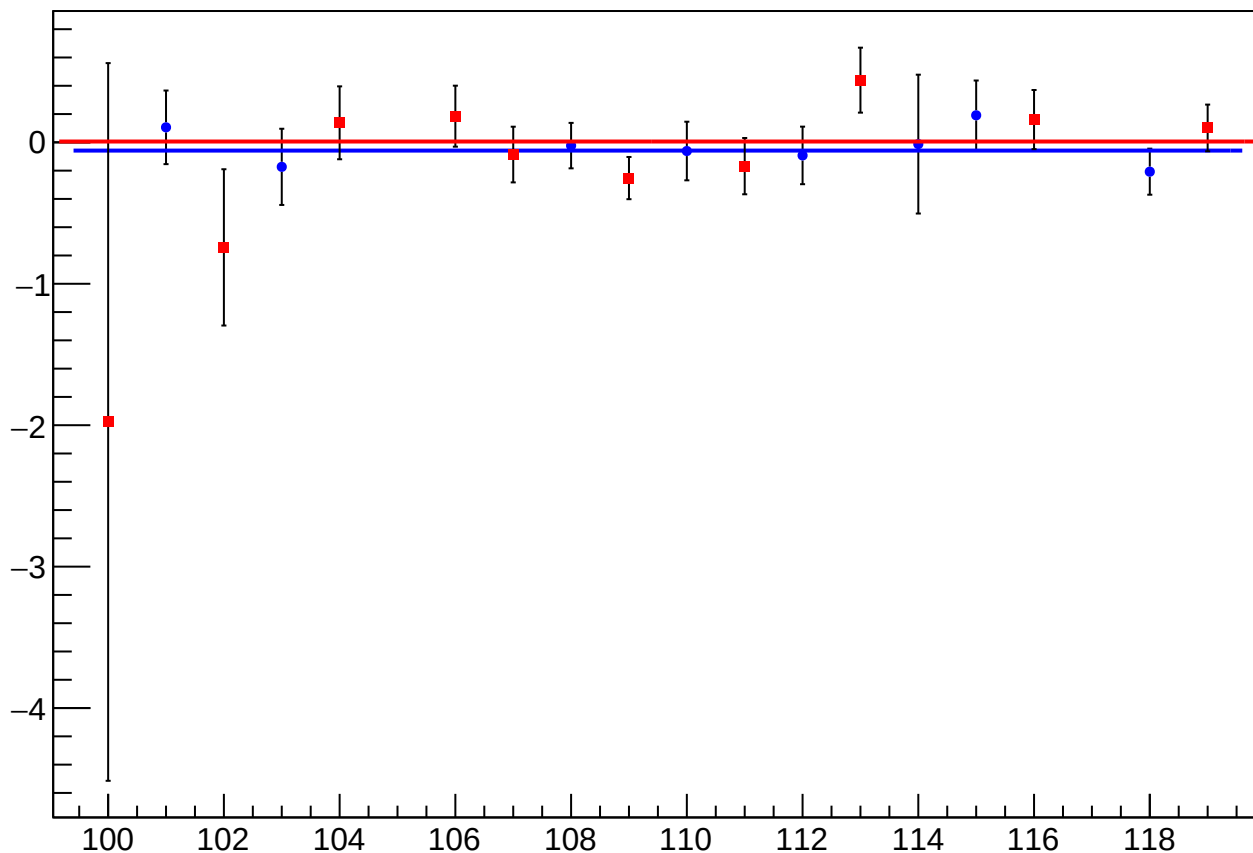
Right: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

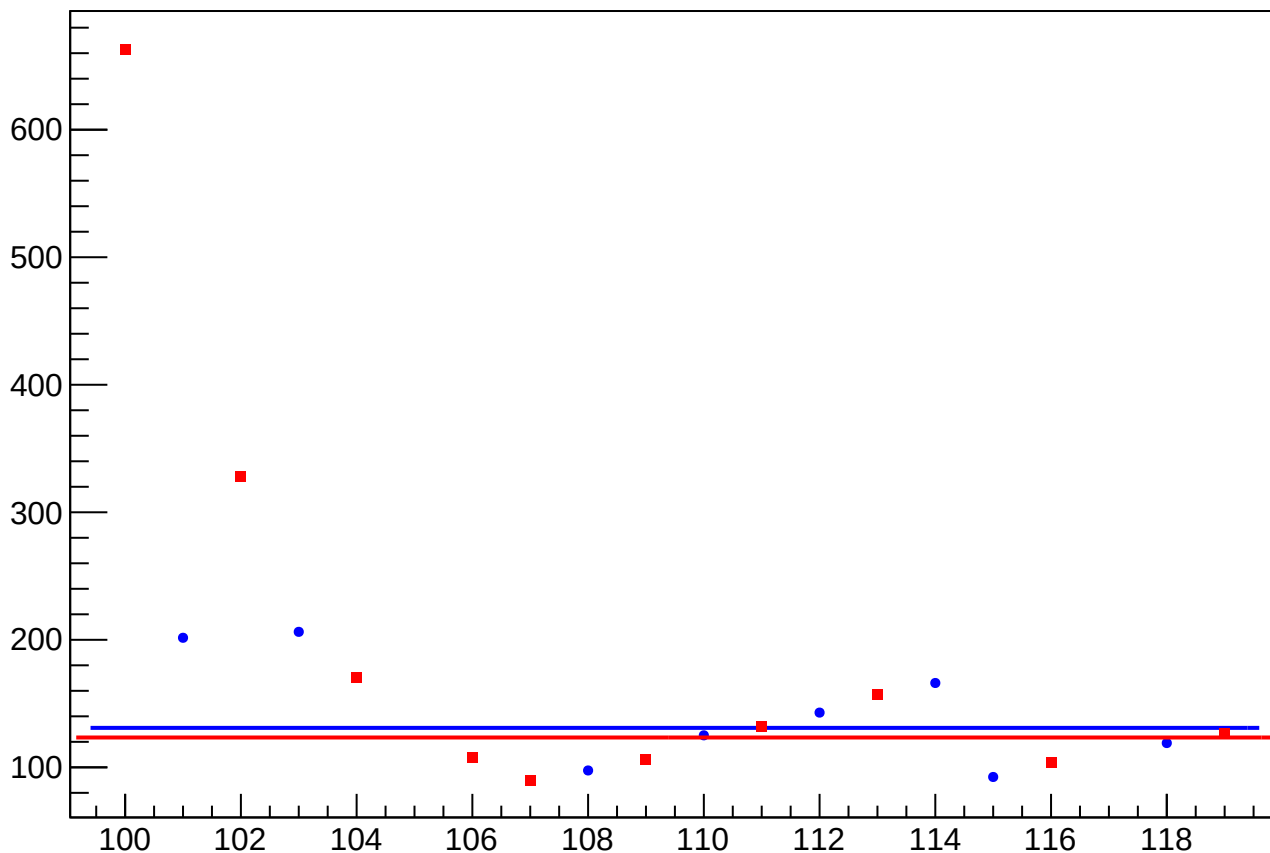
Right: -0.023 ± 0.051 χ^2/NDF : 14.8/17

In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.051 χ^2/NDF : 14.8/17

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

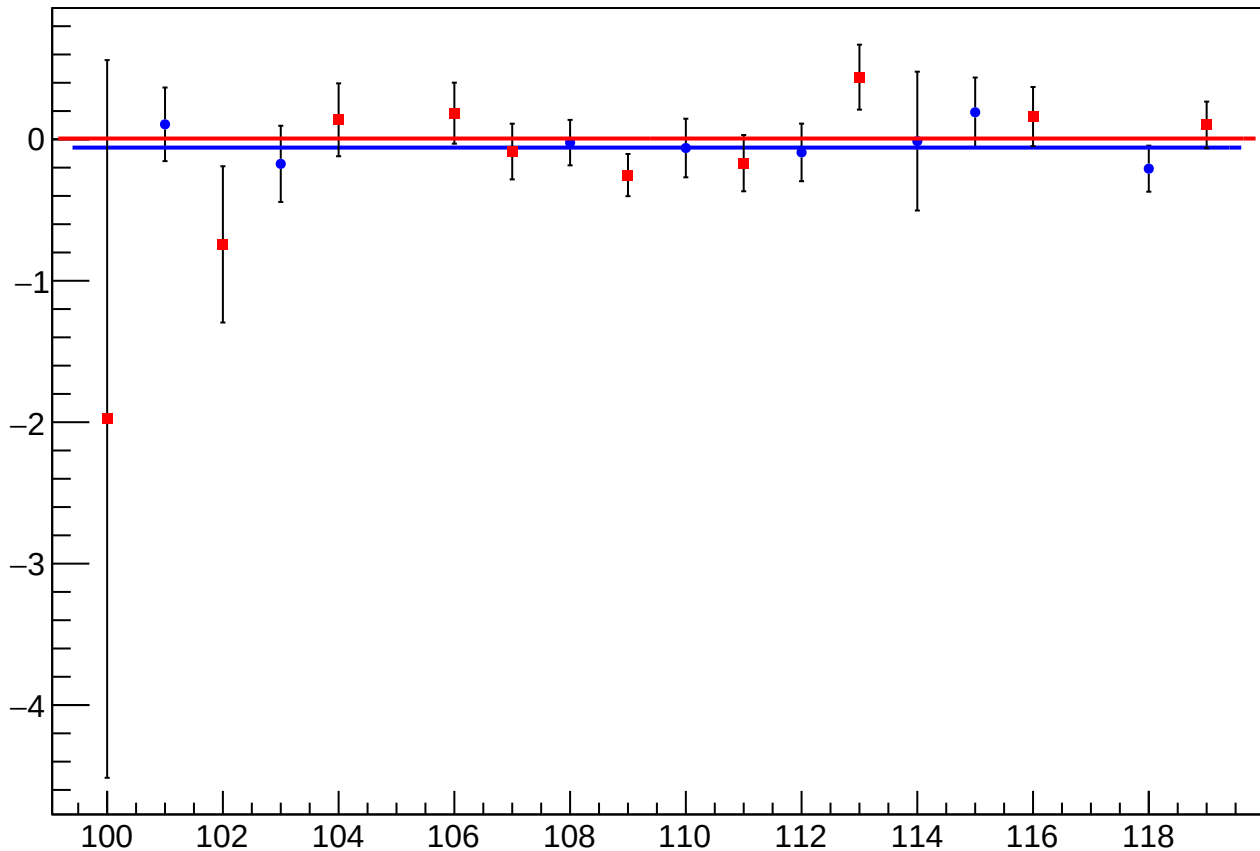
Right: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 $\chi^2/\text{NDF}: 2.5/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.006 ± 0.068 $\chi^2/\text{NDF}: 11.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

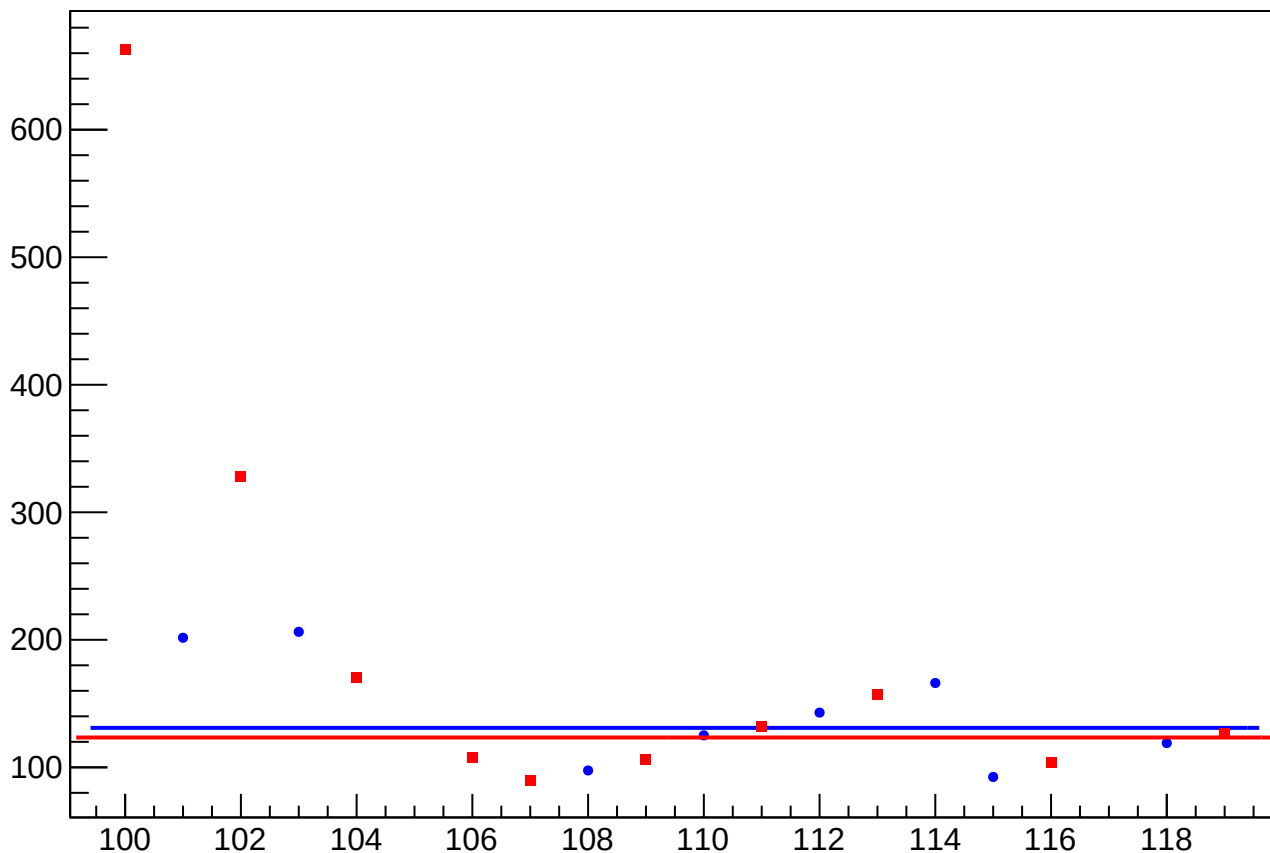
Right: -0.023 ± 0.051 $\chi^2/\text{NDF}: 14.8/17$

In: -0.058 ± 0.076 $\chi^2/\text{NDF}: 2.5/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.023 ± 0.051 $\chi^2/\text{NDF}: 14.8/17$

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952 $\pm$ 0.054 χ^2 /NDF: 468617.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.400 $\pm$ 0.048 χ^2 /NDF: 592734.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

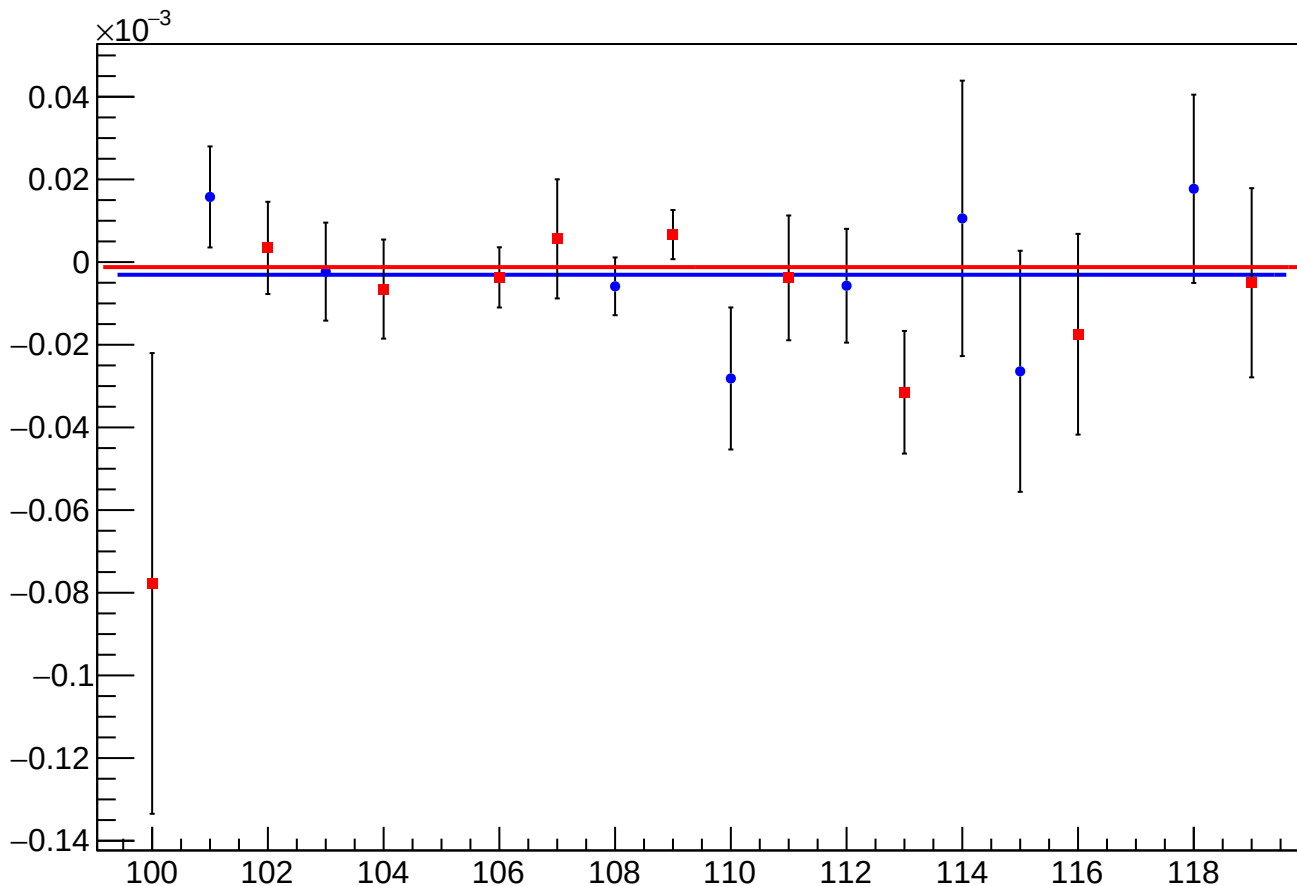
Right: 126.773 $\pm$ 0.036 χ^2 /NDF: 1072277.2/17

In: 130.952 $\pm$ 0.054 χ^2 /NDF:468617.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.773 $\pm$ 0.036 χ^2 /NDF: 1072277.2/17

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 : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

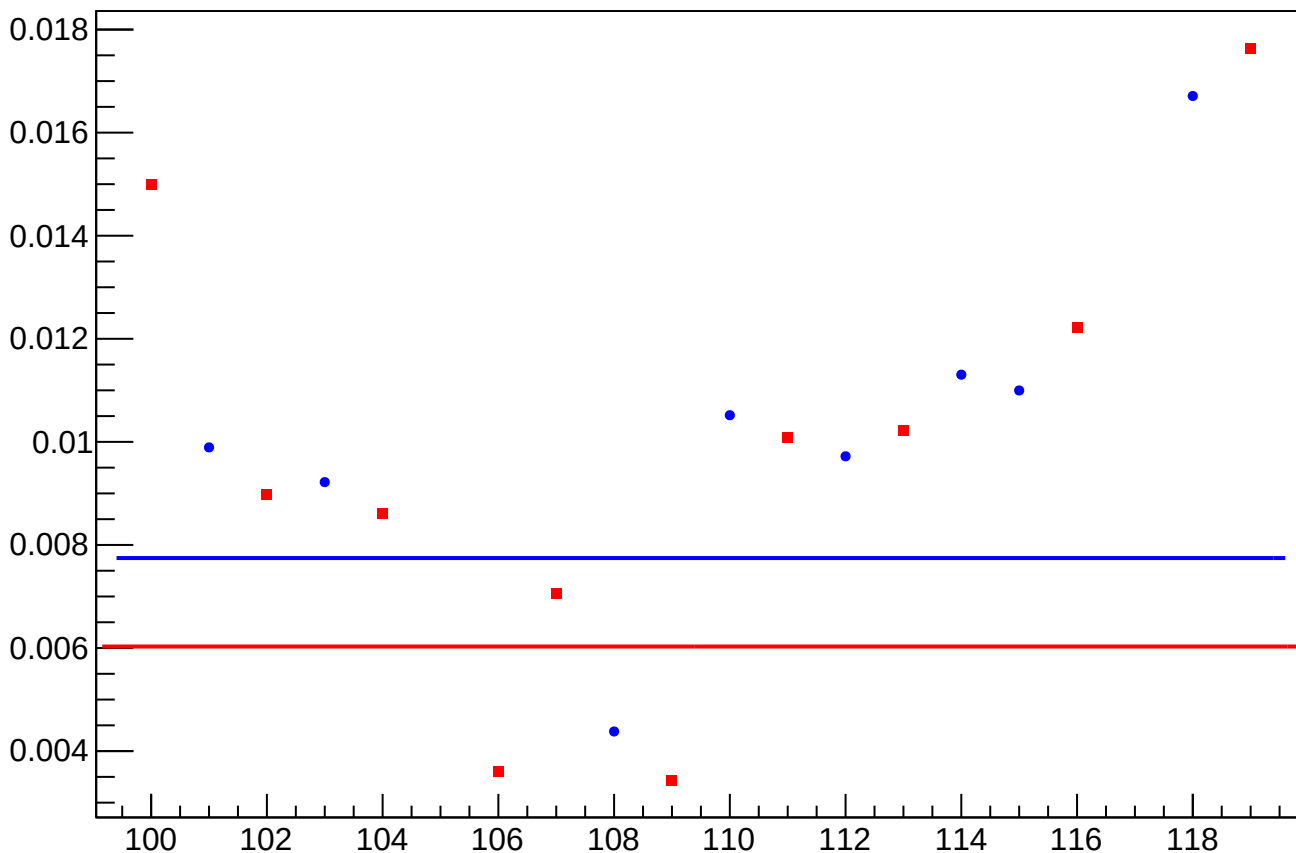
Right: -0.000+/-0.000 χ^2/NDF : 15.5/17

In: -0.000+/-0.000 χ^2/NDF :6.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/17

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1007561.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

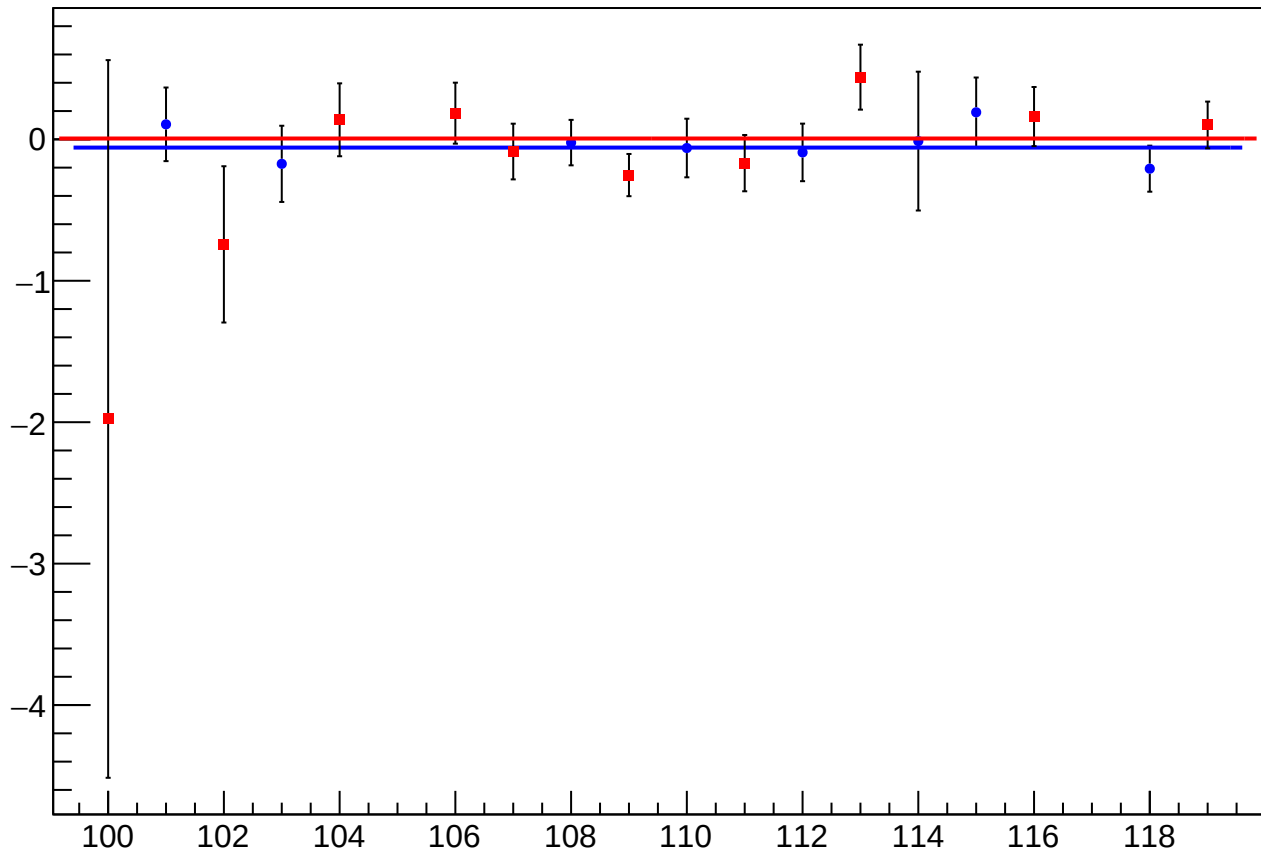
Right: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

In: 0.008+/-0.000 χ^2/NDF :1007561.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

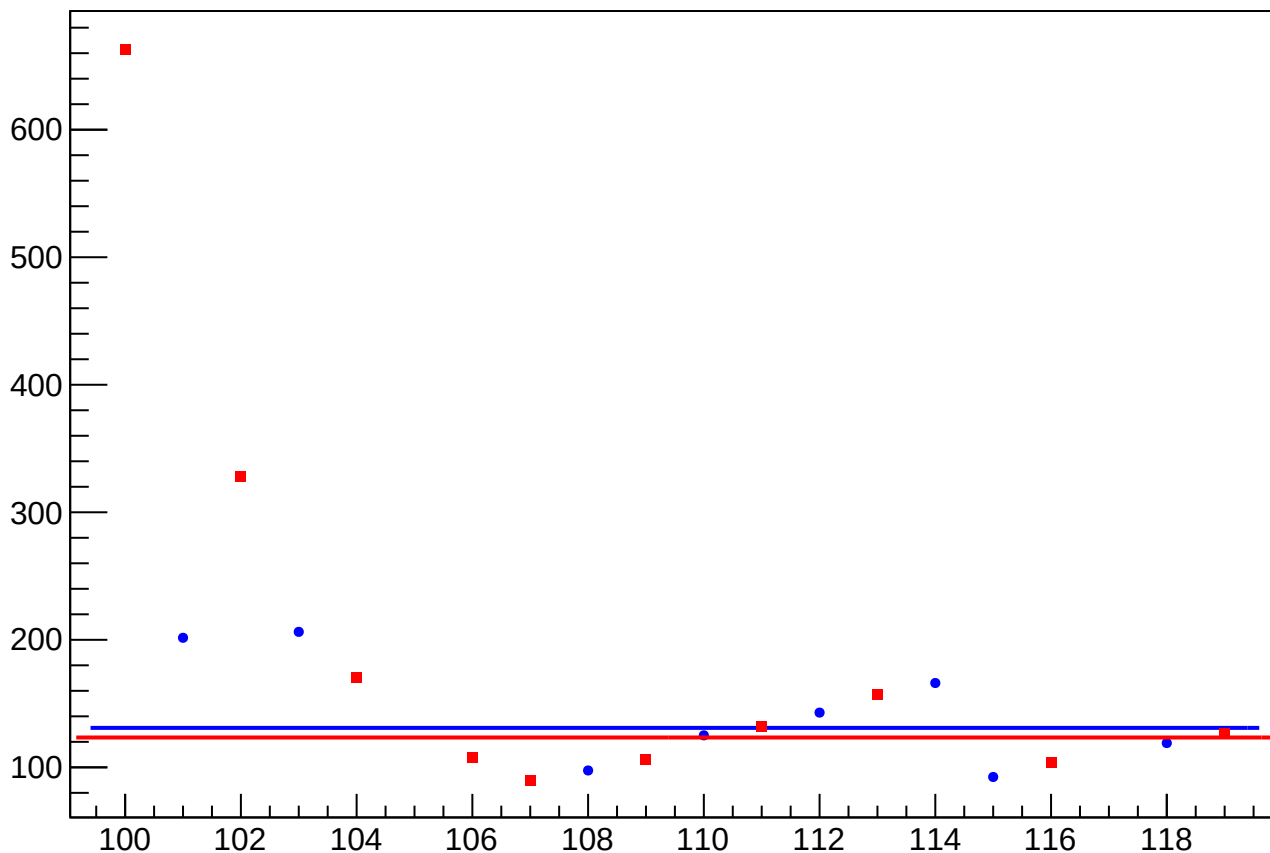
Right: -0.023 ± 0.051 χ^2/NDF : 14.8/17

In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.051 χ^2/NDF : 14.8/17

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952 $\pm$ 0.054 χ^2 /NDF: 468584.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.403 $\pm$ 0.048 χ^2 /NDF: 592687.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

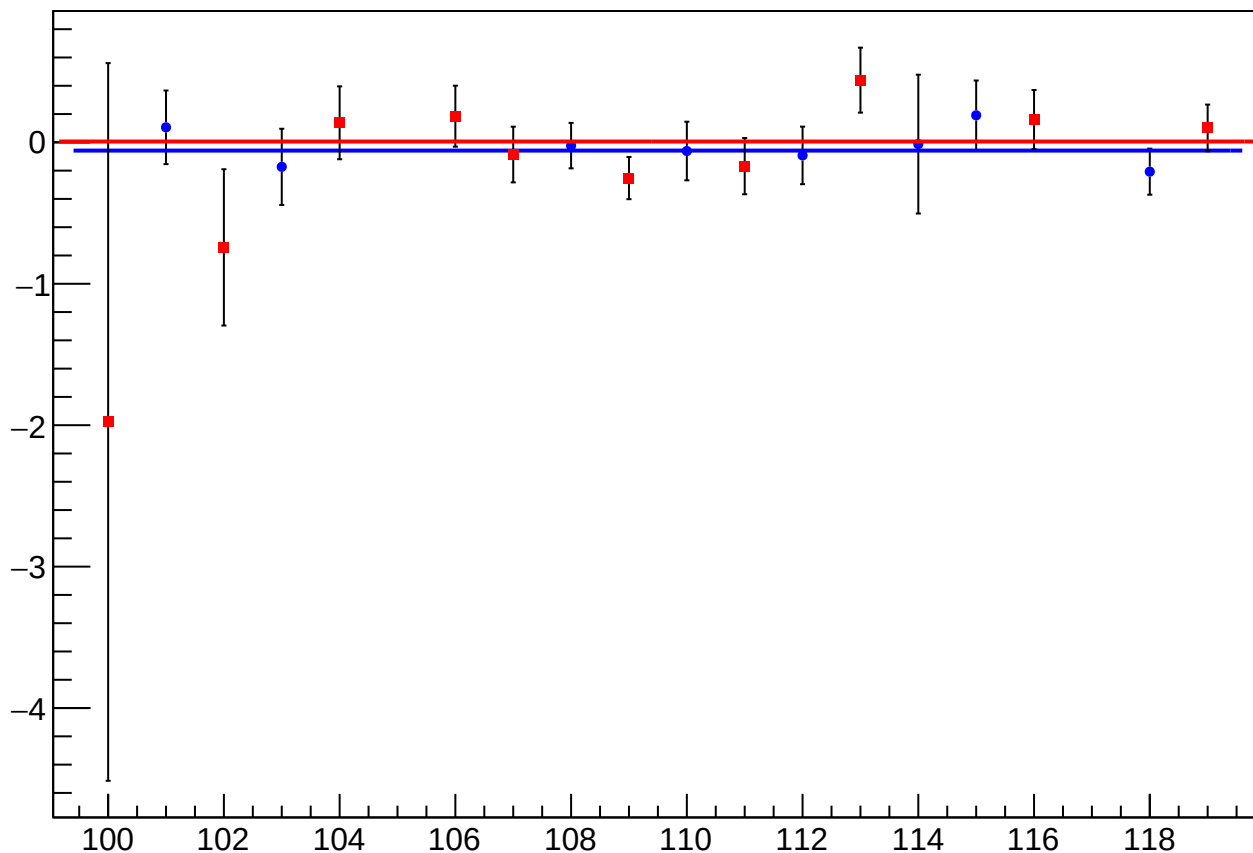
Right: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

In: 130.952 $\pm$ 0.054 χ^2 /NDF:468584.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

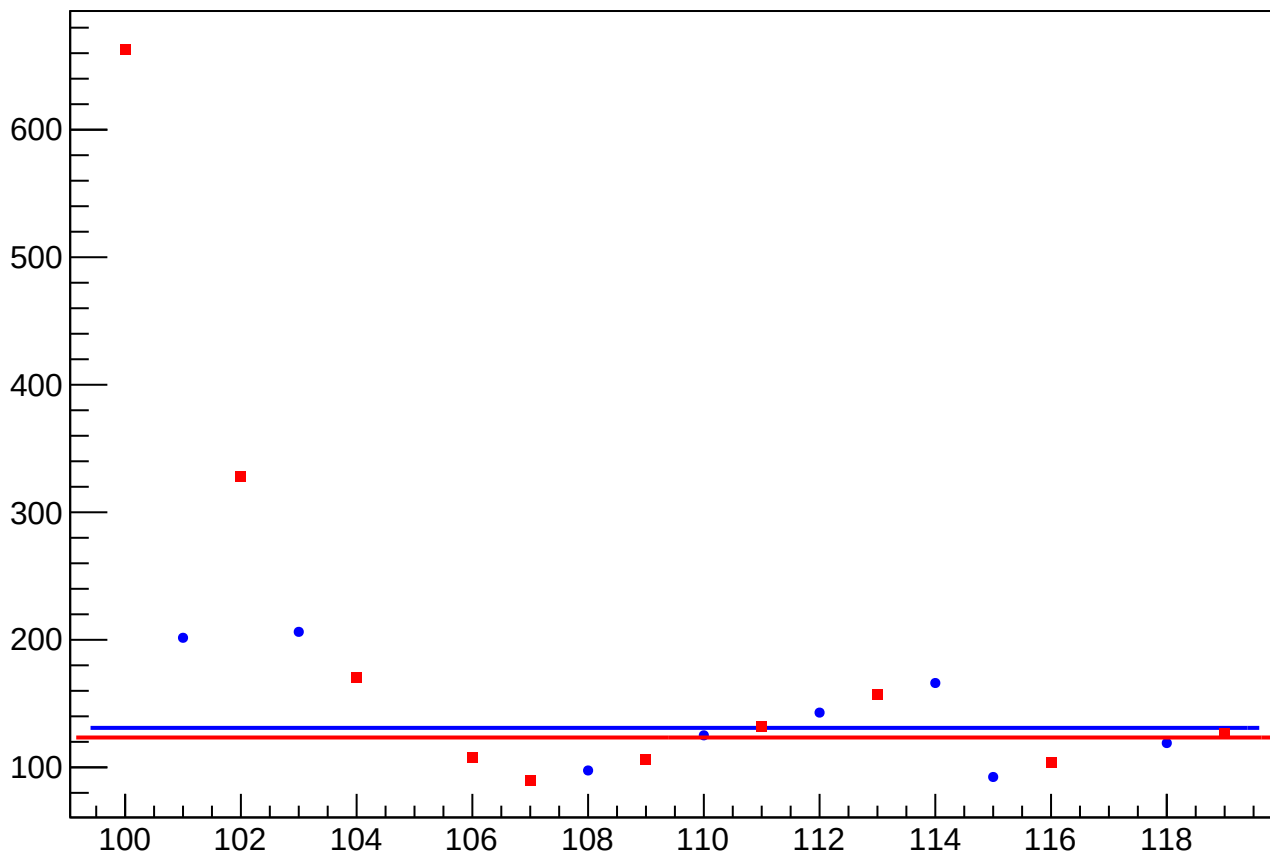
Right: -0.023 ± 0.051 χ^2/NDF : 14.8/17

In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.051 χ^2/NDF : 14.8/17

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

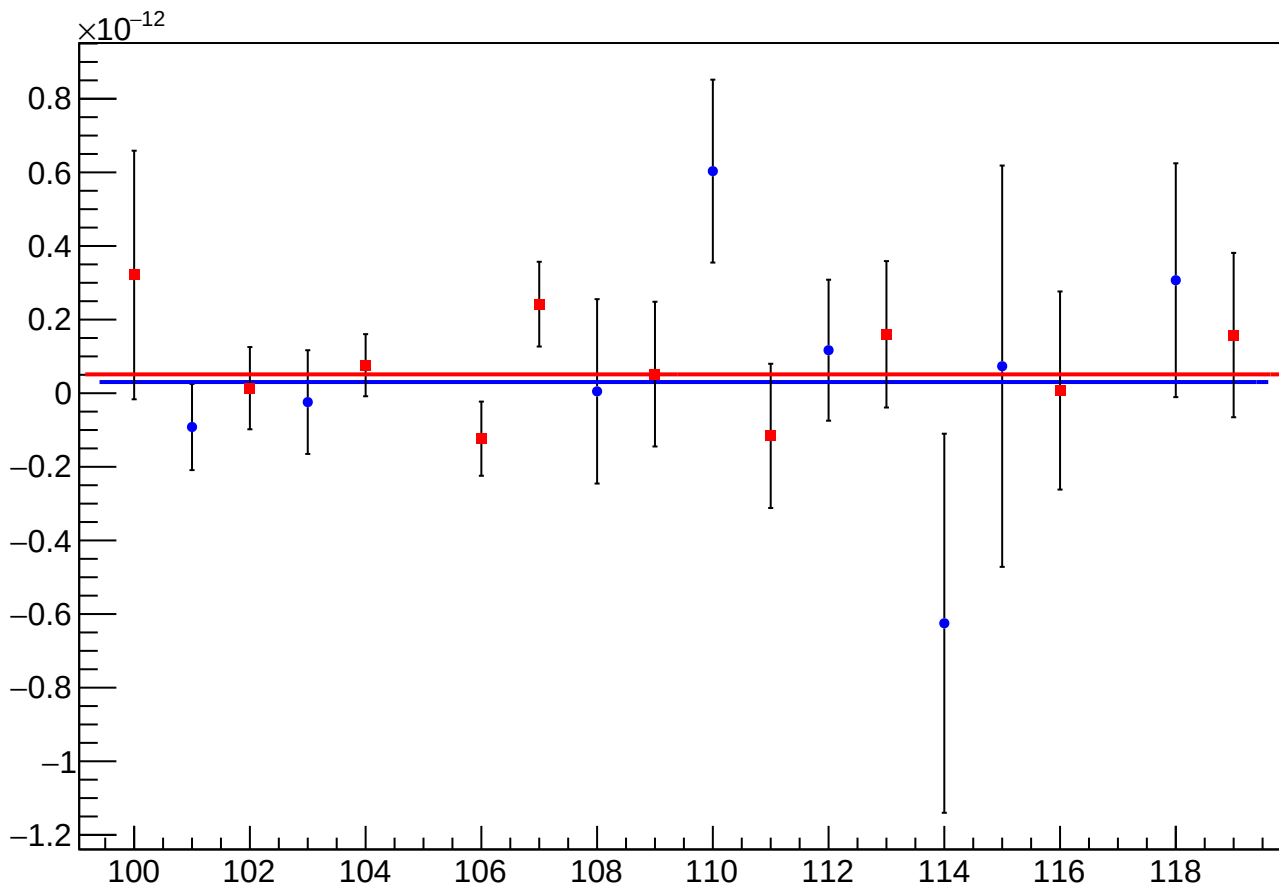
Right: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

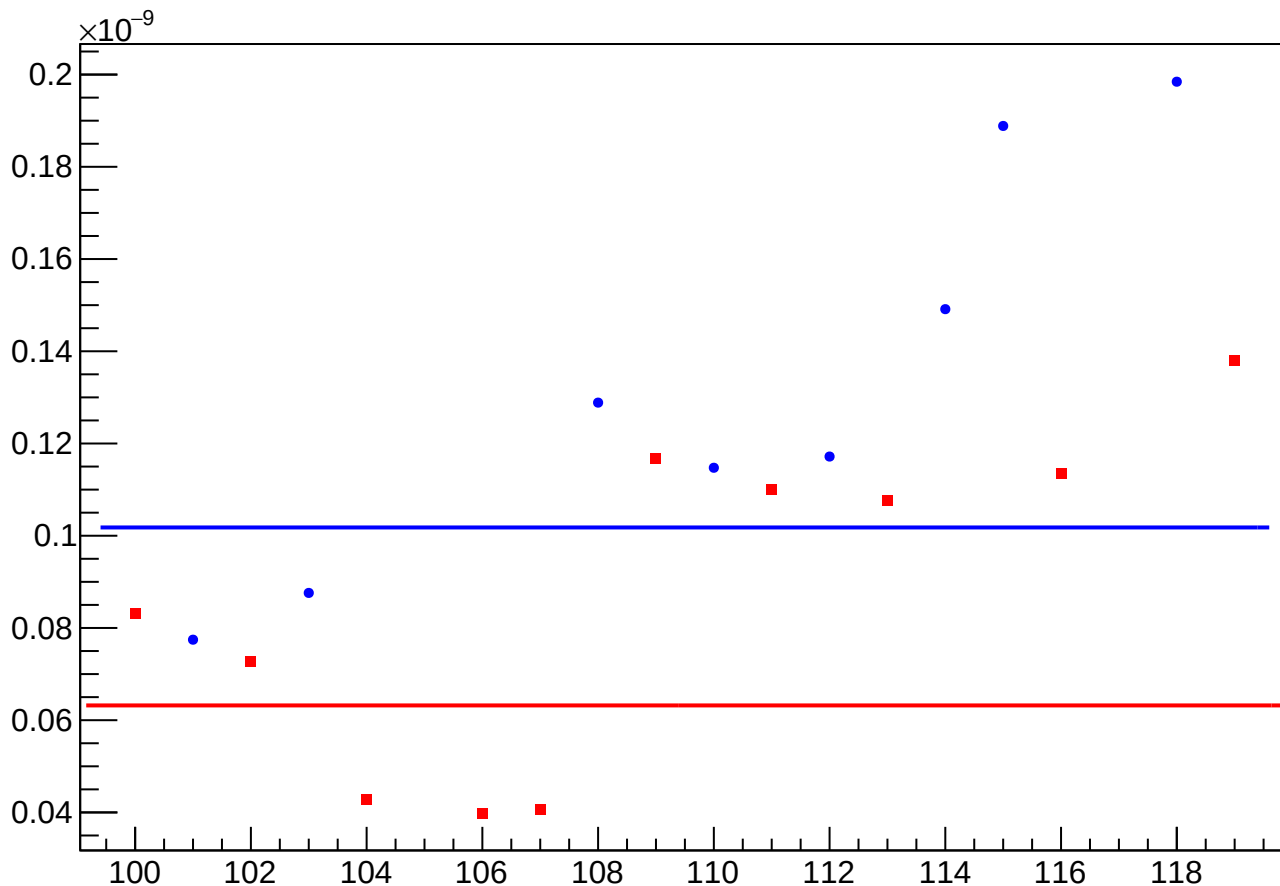
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/17

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 : 401403.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

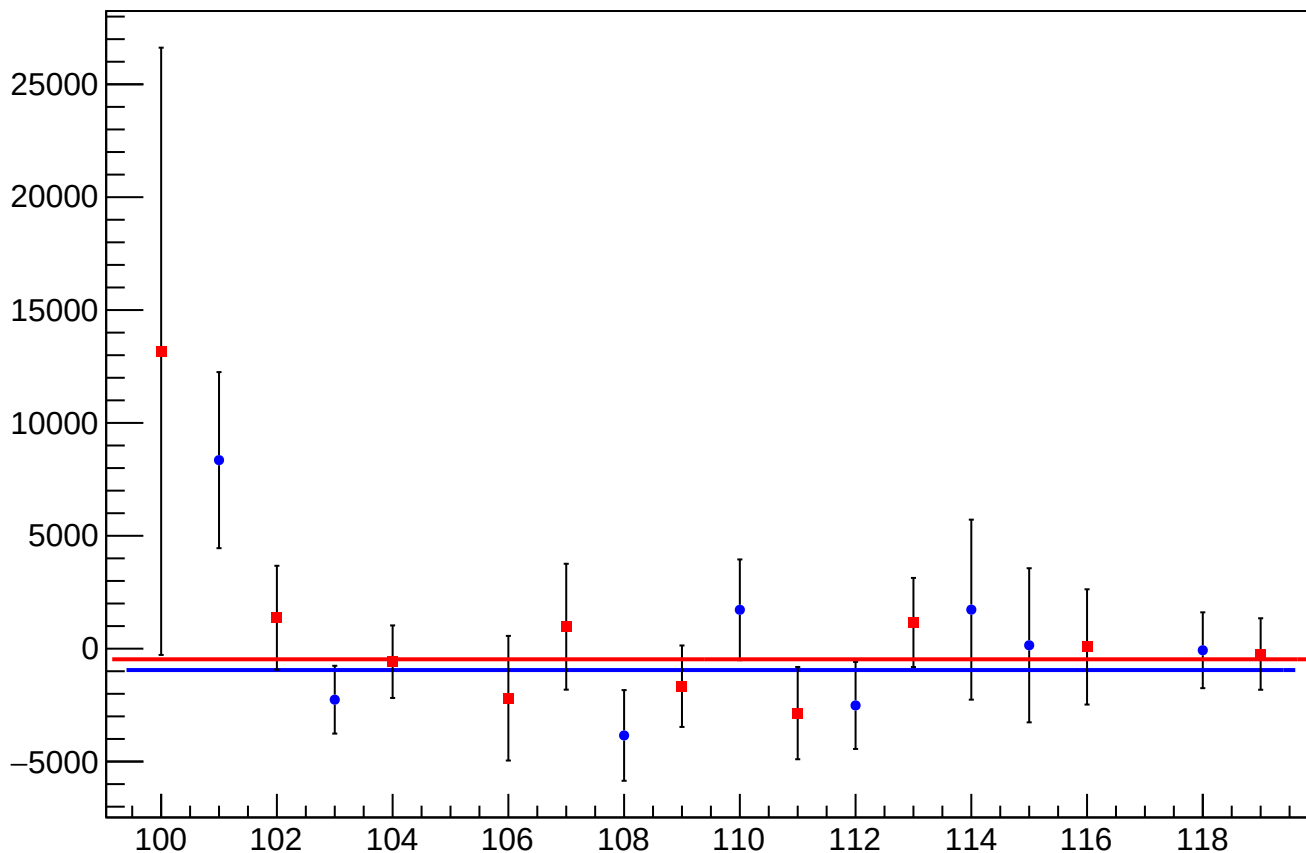
Right: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

In: 0.000+/-0.000 χ^2/NDF : 401403.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -947.654+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -470.574+/-674.645 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

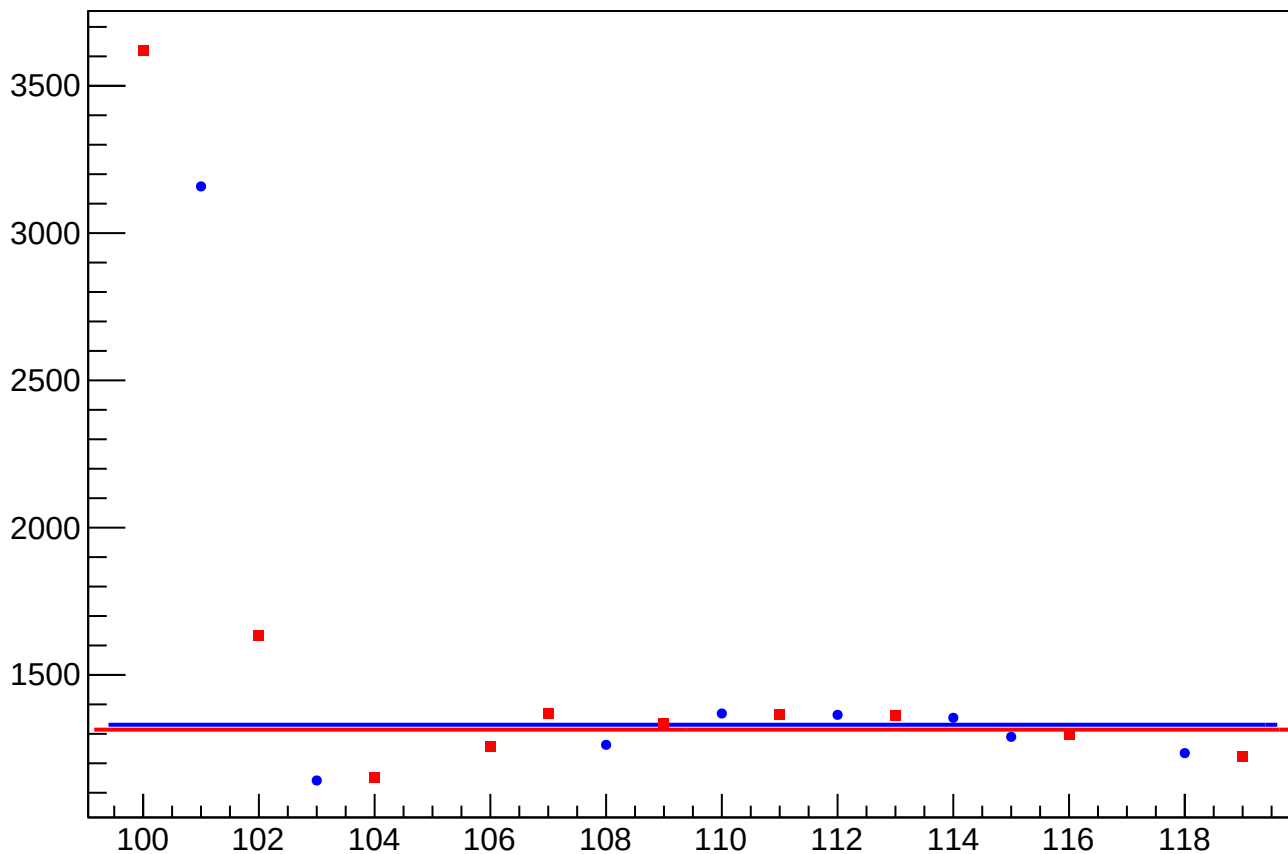
Right: -680.728+/-504.632 χ^2/NDF : 16.5/17

In: -947.654+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -680.728+/-504.632 χ^2/NDF : 16.5/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1314.269+/-0.475 χ^2/NDF : 129408.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

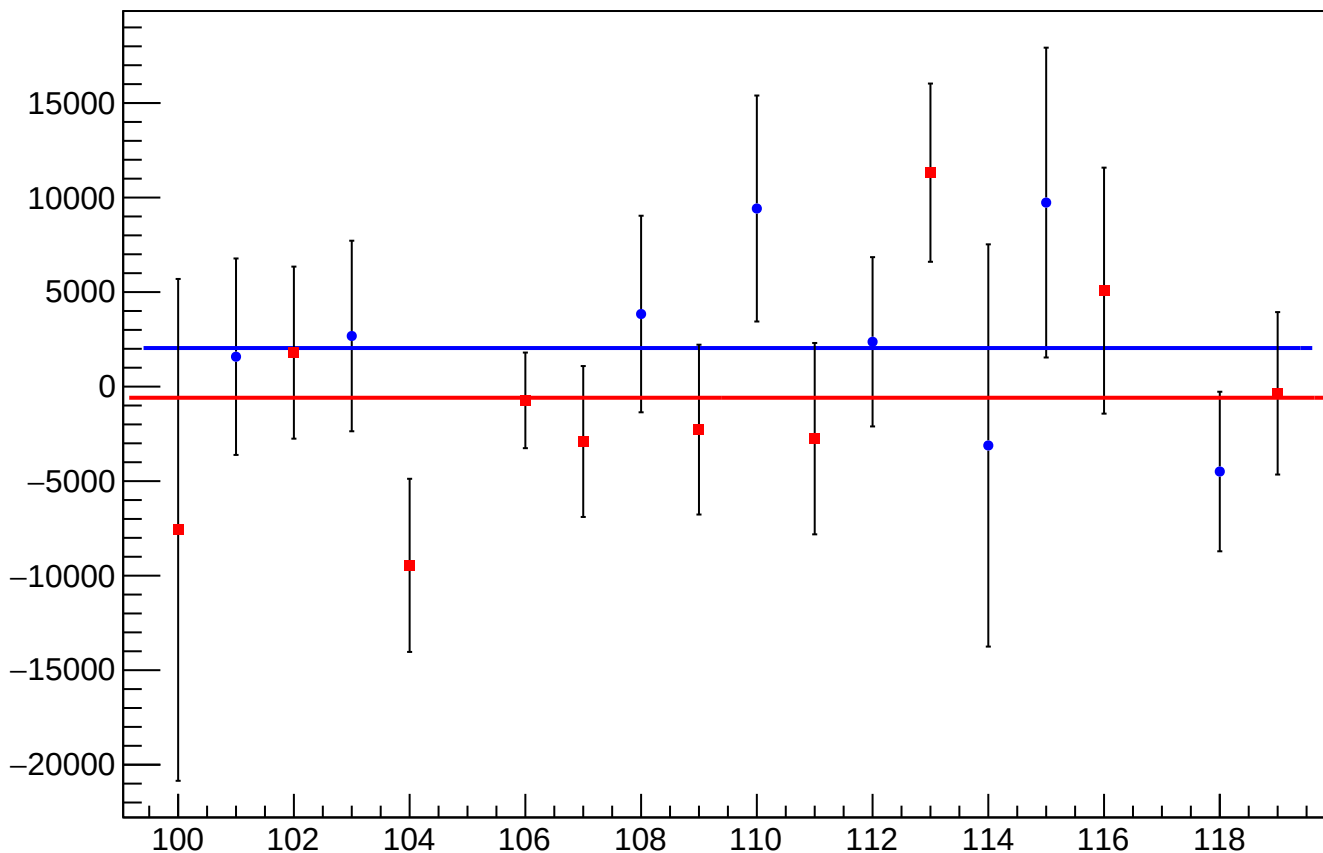
Right: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.534+/-0.356 χ^2/NDF : 611249.0/17

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -589.123+/-1370.763 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

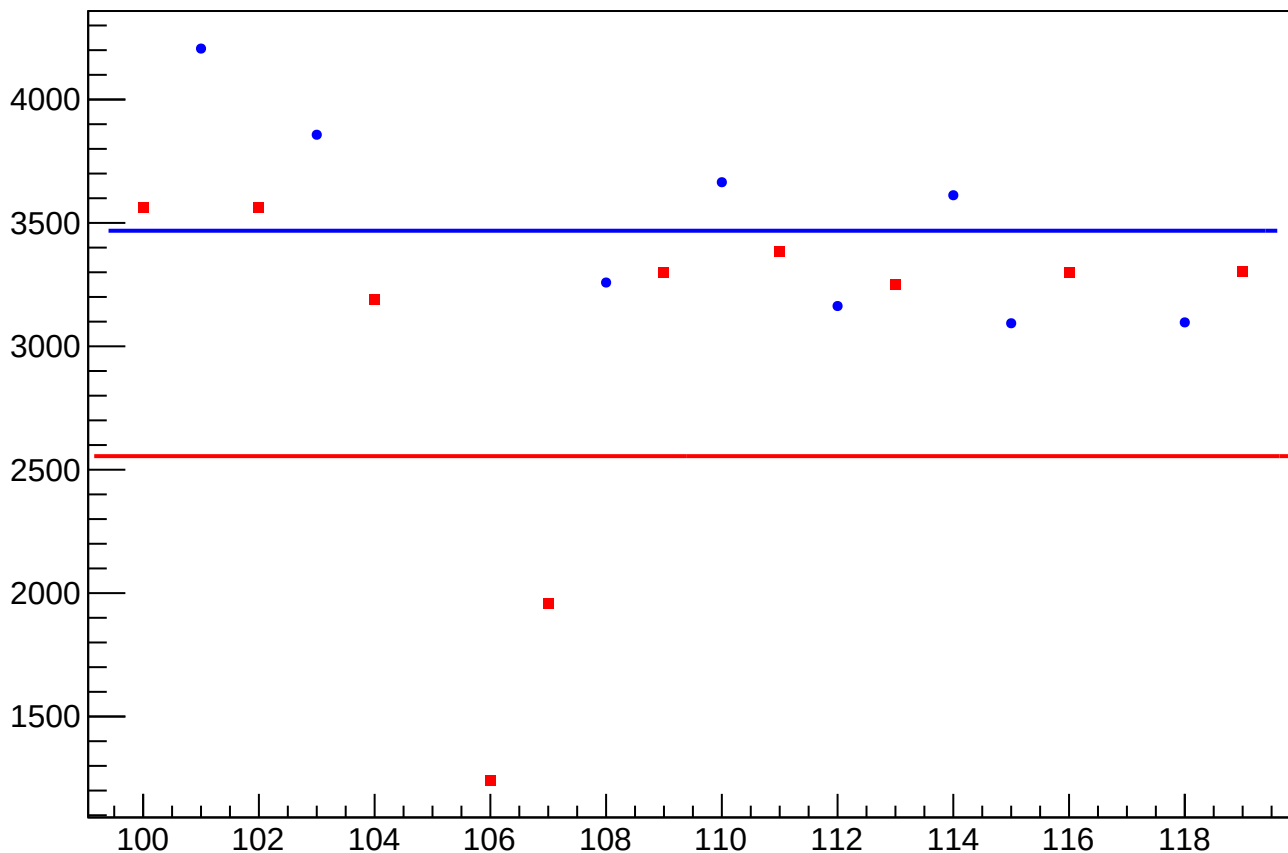
Right: 298.436+/-1115.682 χ^2/NDF : 18.5/17

In: 2040.334+/-1920.326 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.436+/-1115.682 χ^2/NDF : 18.5/17

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.988+/-0.969 χ^2/NDF : 970662.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

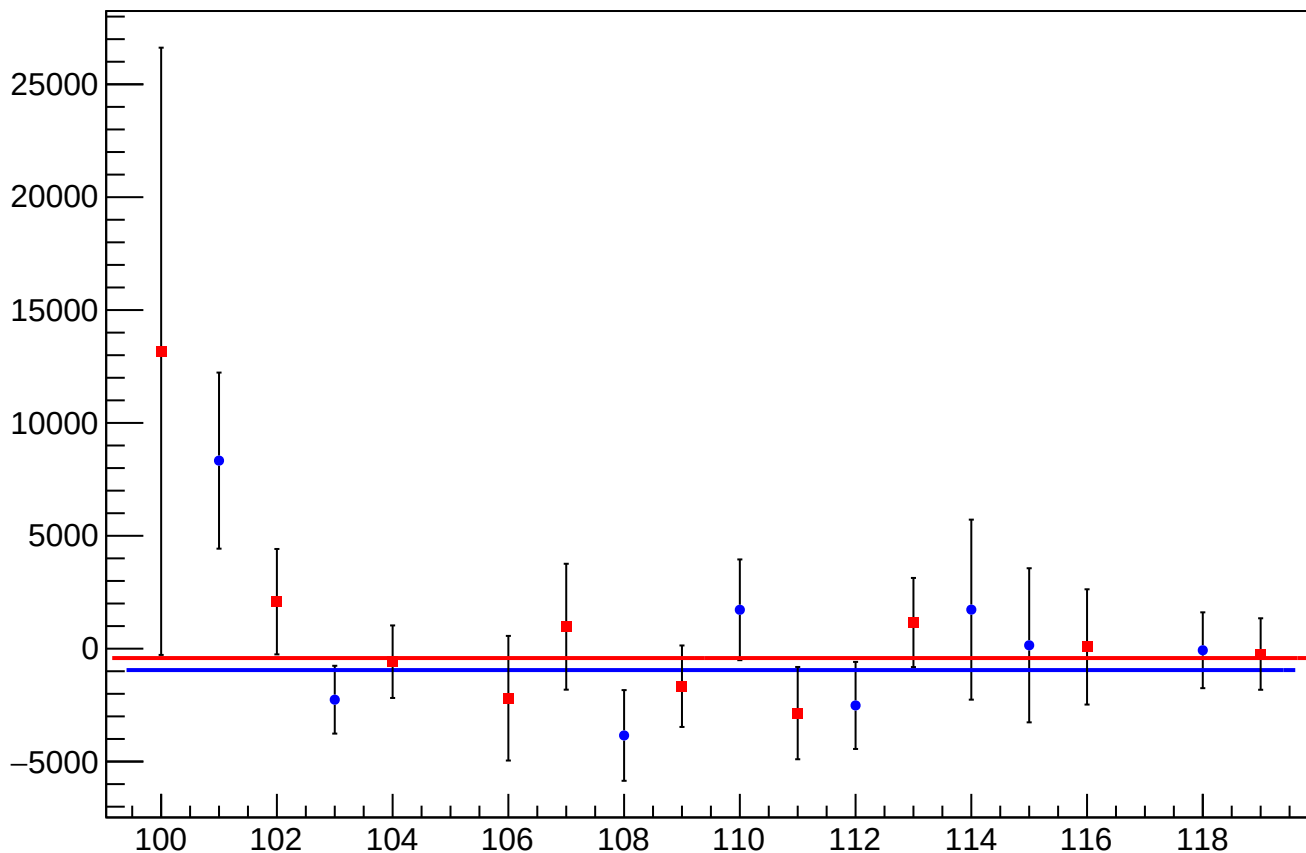
Right: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

In: 3468.347+/-1.358 χ^2/NDF : 87021.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2863.288+/-0.789 χ^2/NDF : 1357406.3/17

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2 /NDF: 11.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -415.983+/-675.503 χ^2 /NDF: 5.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

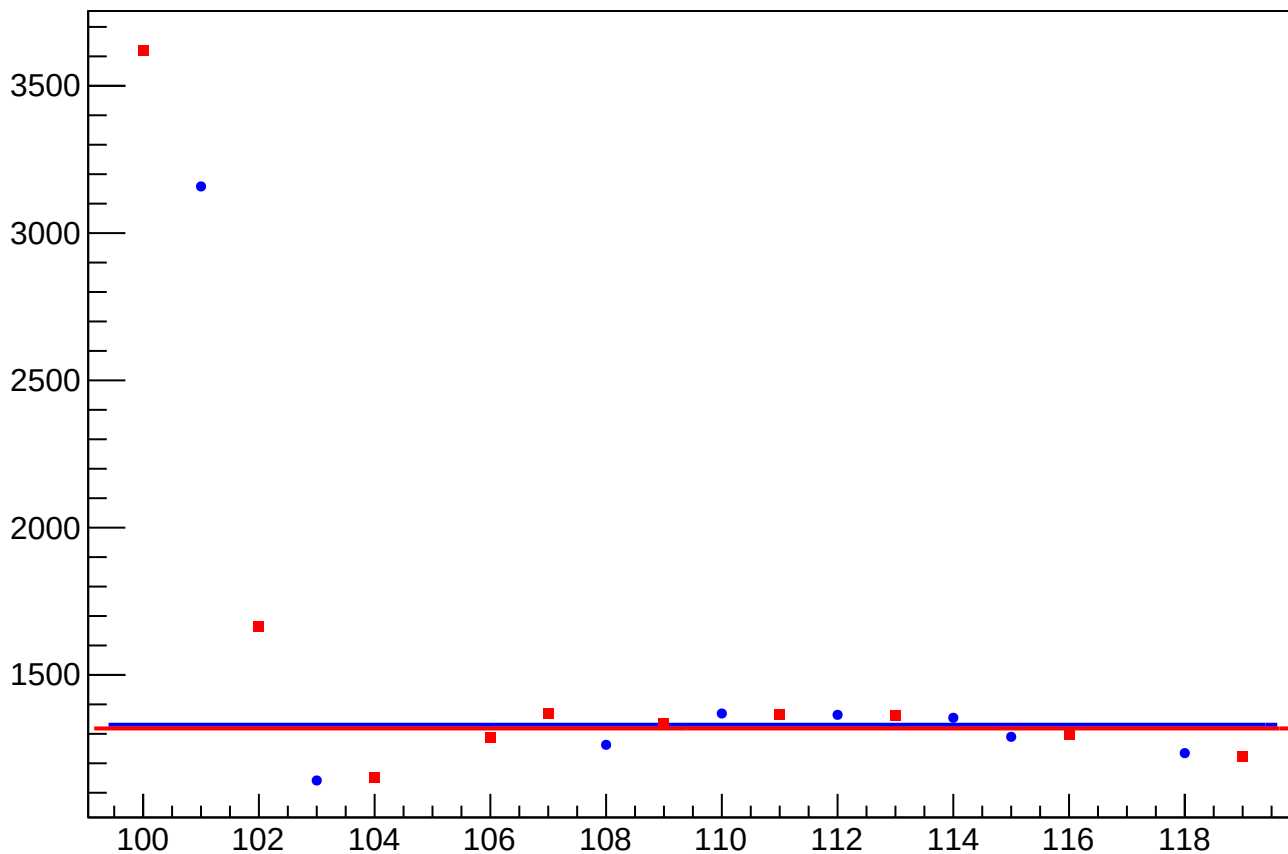
Right: -650.881+/-504.991 χ^2 /NDF: 17.1/17

In: -948.478+/-760.329 χ^2 /NDF:11.4/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -650.881+/-504.991 χ^2 /NDF: 17.1/17

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

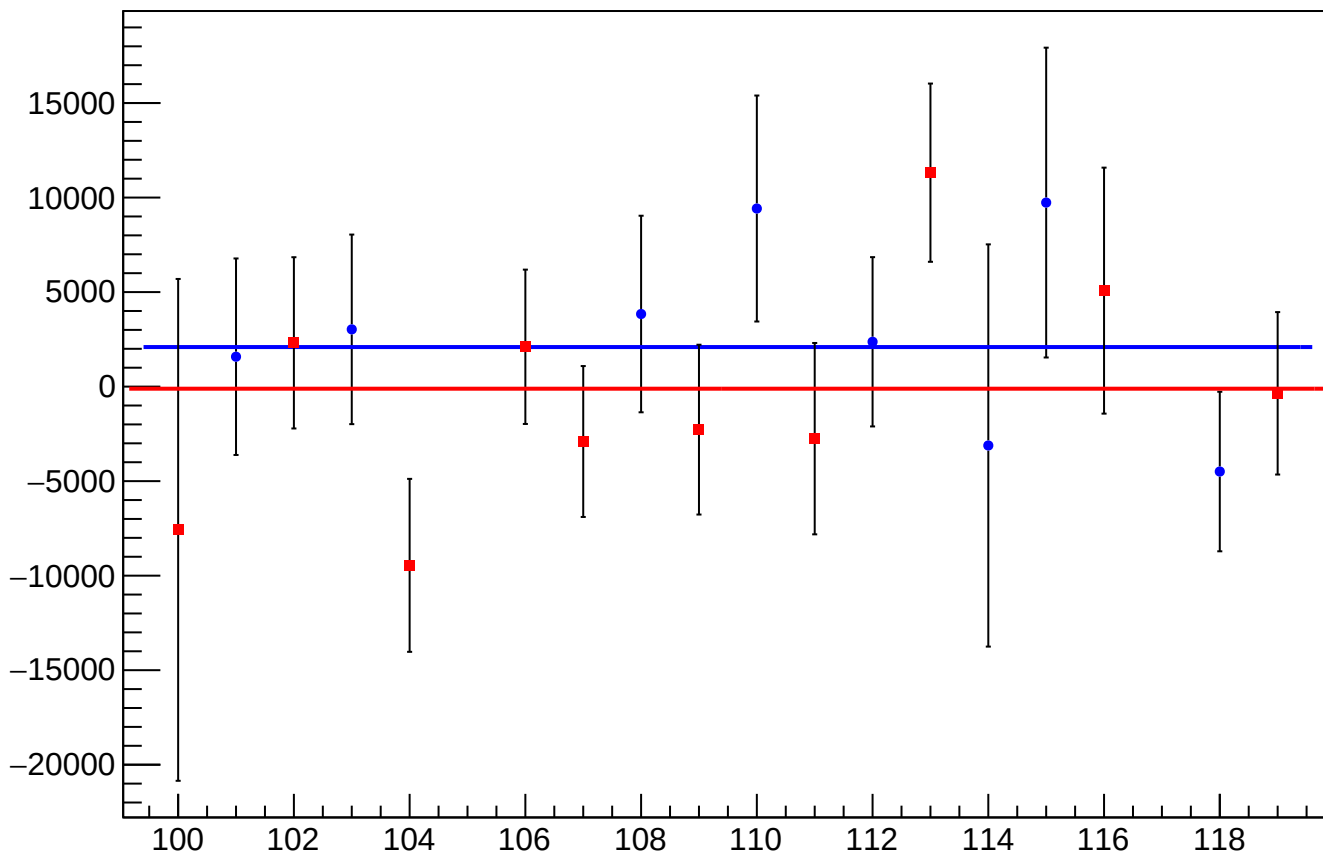
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

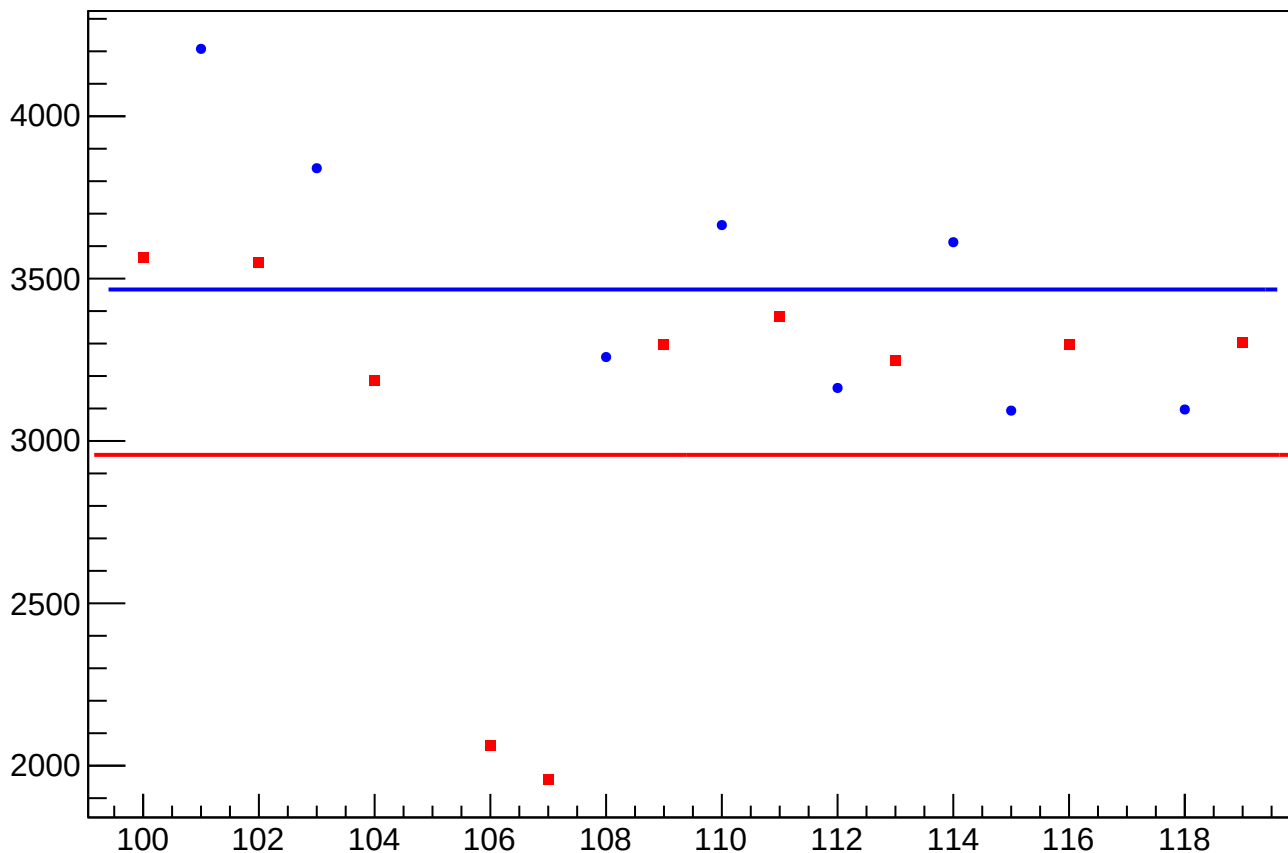
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

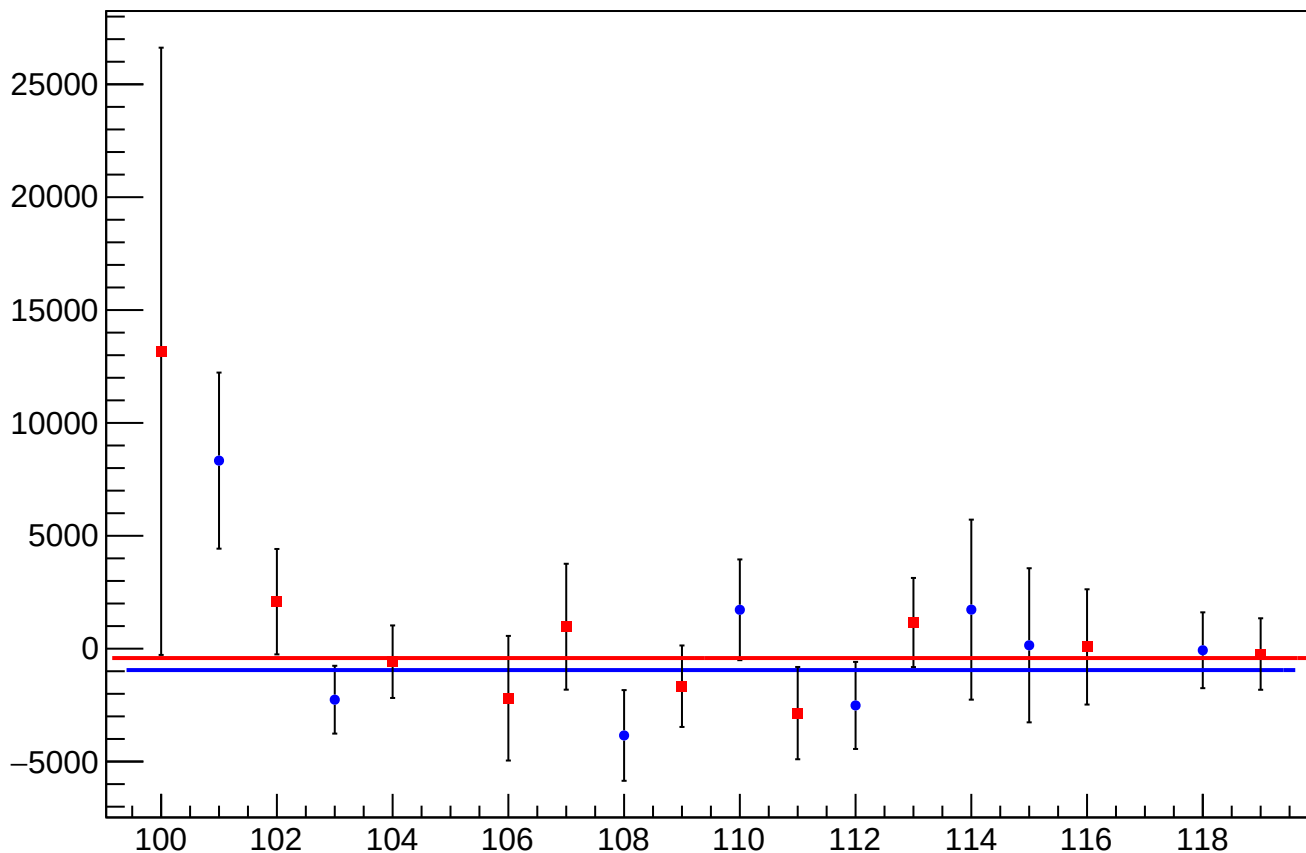
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -948.478+/-760.329 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -415.983+/-675.503 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

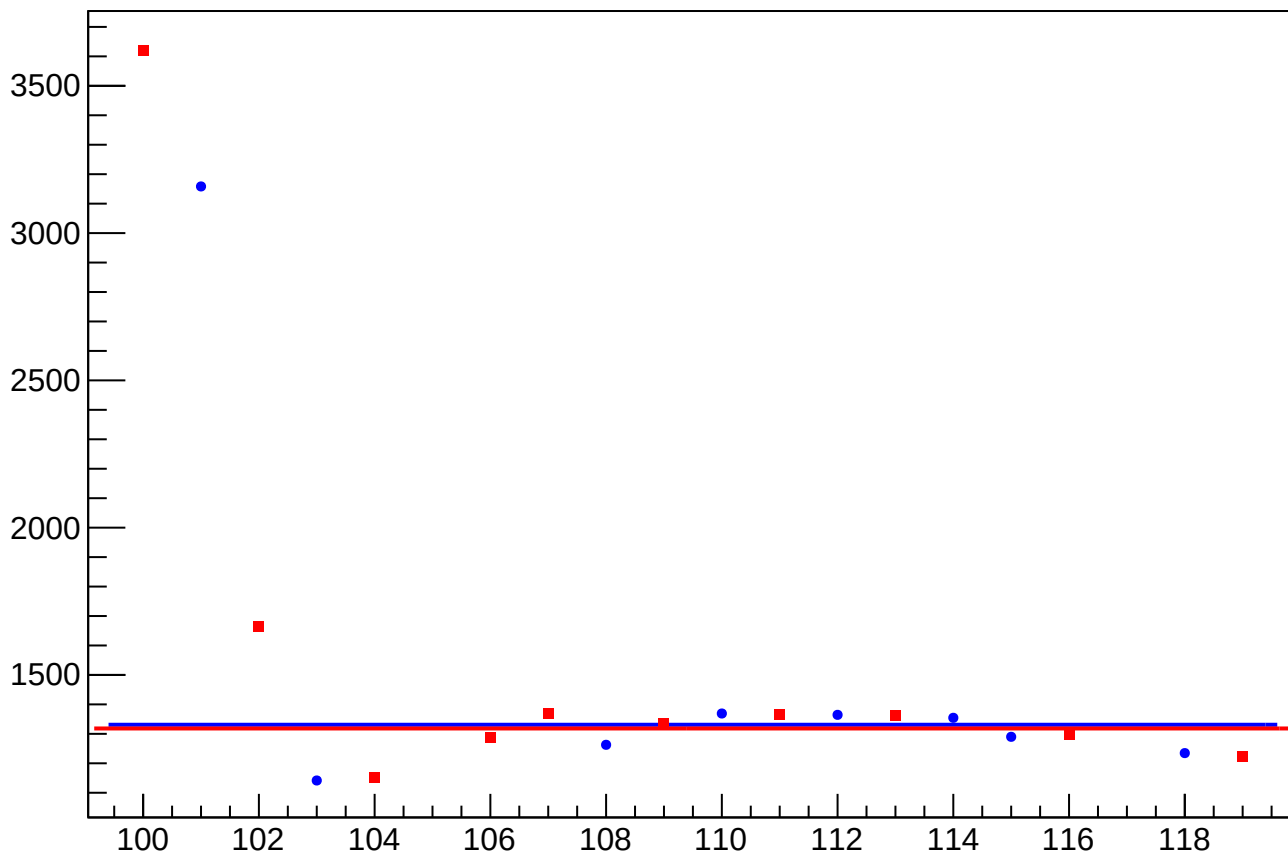
Right: -650.881+/-504.991 χ^2/NDF : 17.1/17

In: -948.478+/-760.329 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -650.881+/-504.991 χ^2/NDF : 17.1/17

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.227+/-0.476 χ^2/NDF : 135367.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

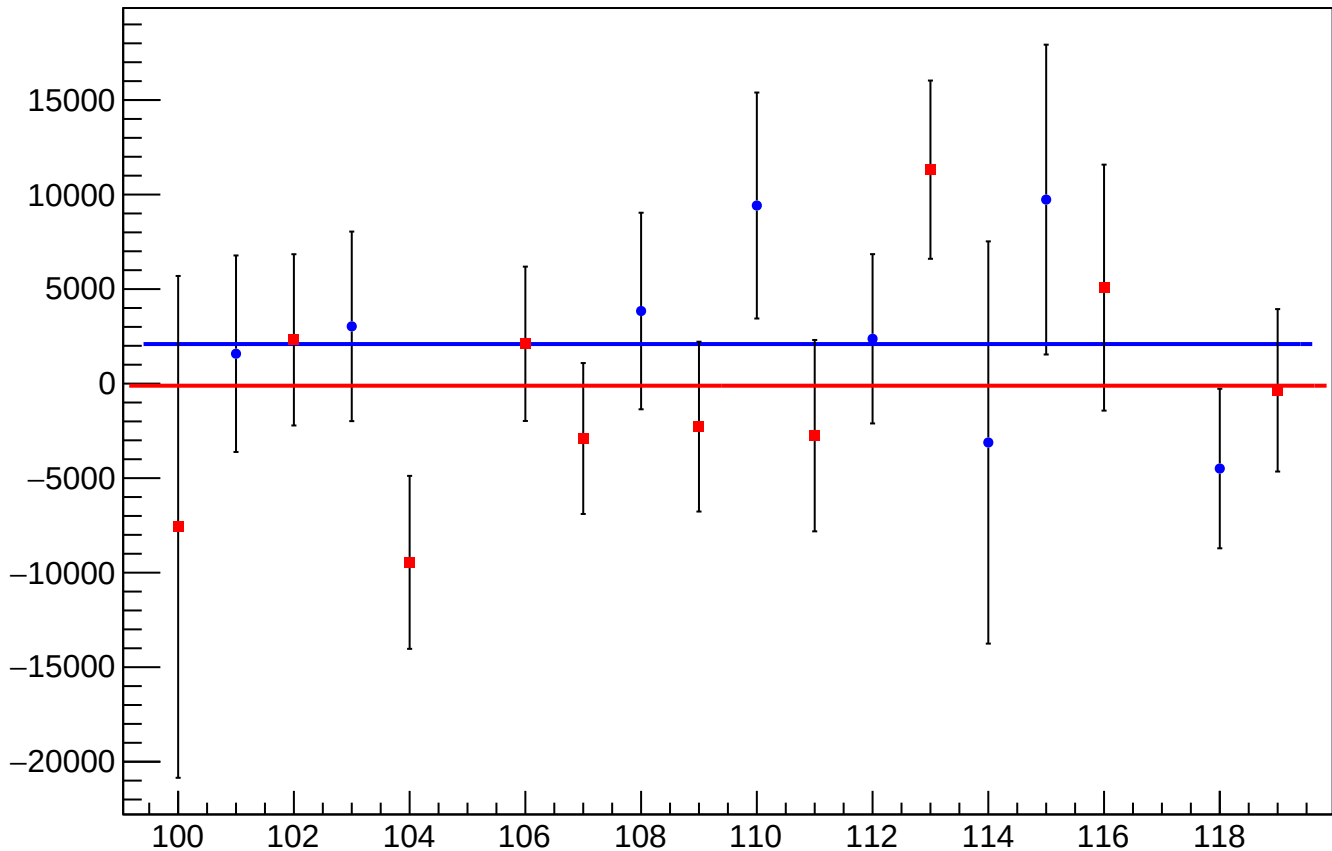
Right: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.775+/-0.356 χ^2/NDF : 616983.4/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -110.453+/-1513.776 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

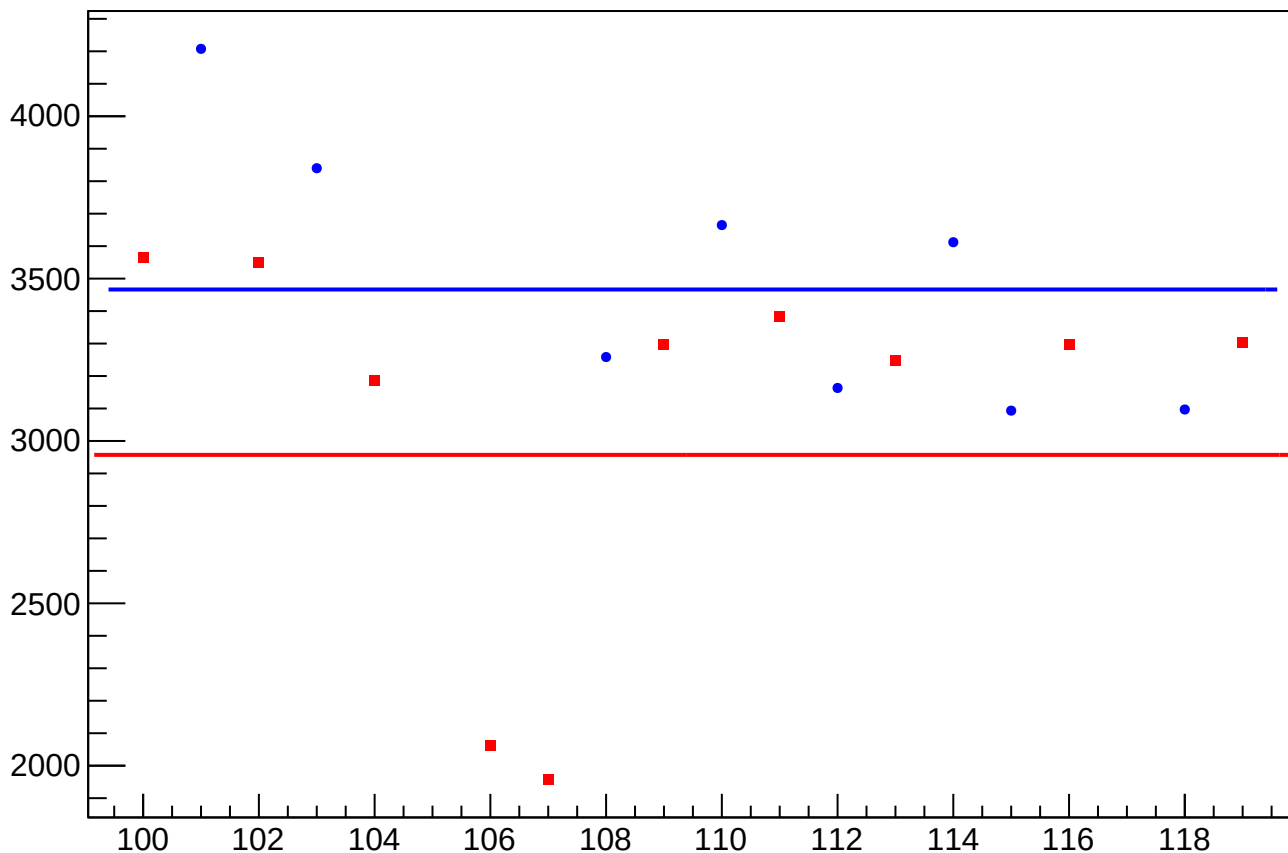
Right: 734.613+/-1188.491 χ^2/NDF : 18.6/17

In: 2092.588+/-1918.942 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.613+/-1188.491 χ^2/NDF : 18.6/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.186+/-1.070 χ^2/NDF : 317255.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

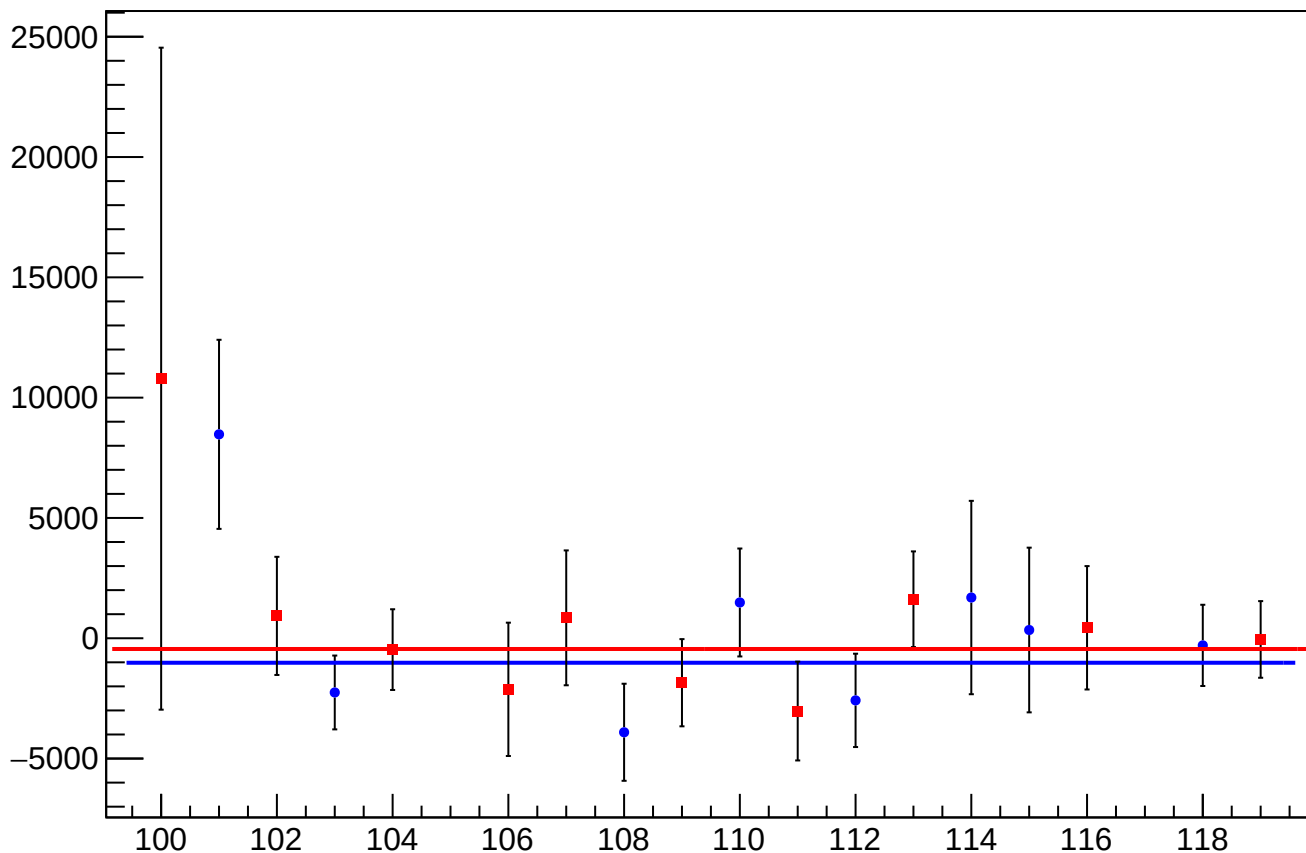
Right: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

In: 3466.488+/-1.357 χ^2/NDF : 86197.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3152.549+/-0.840 χ^2/NDF : 490293.5/17

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.283+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

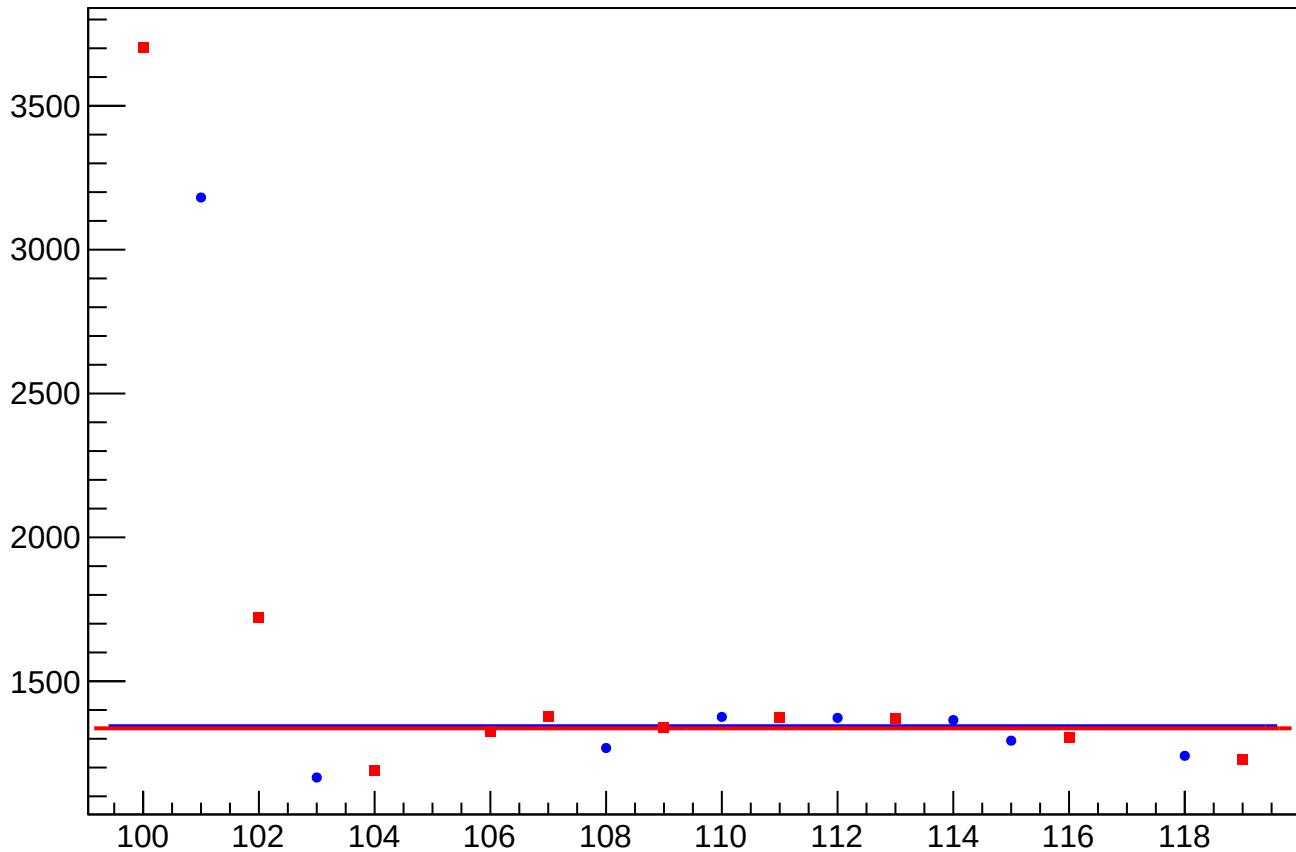
Right: -700.344+/-511.423 χ^2/NDF : 16.5/17

In: -1018.249+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.344+/-511.423 χ^2/NDF : 16.5/17

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

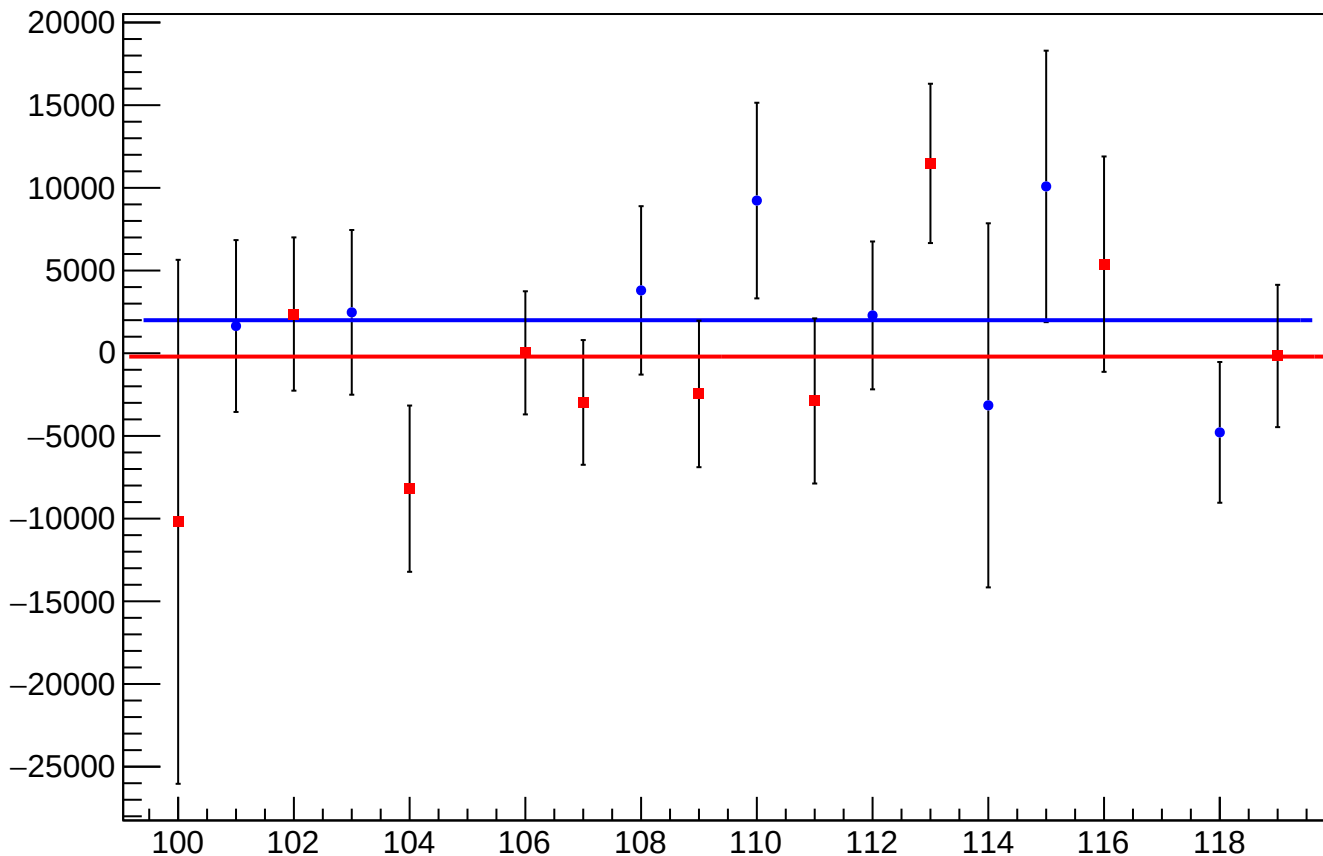
Right: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.7/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.194+/-1914.404 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.496+/-1500.109 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

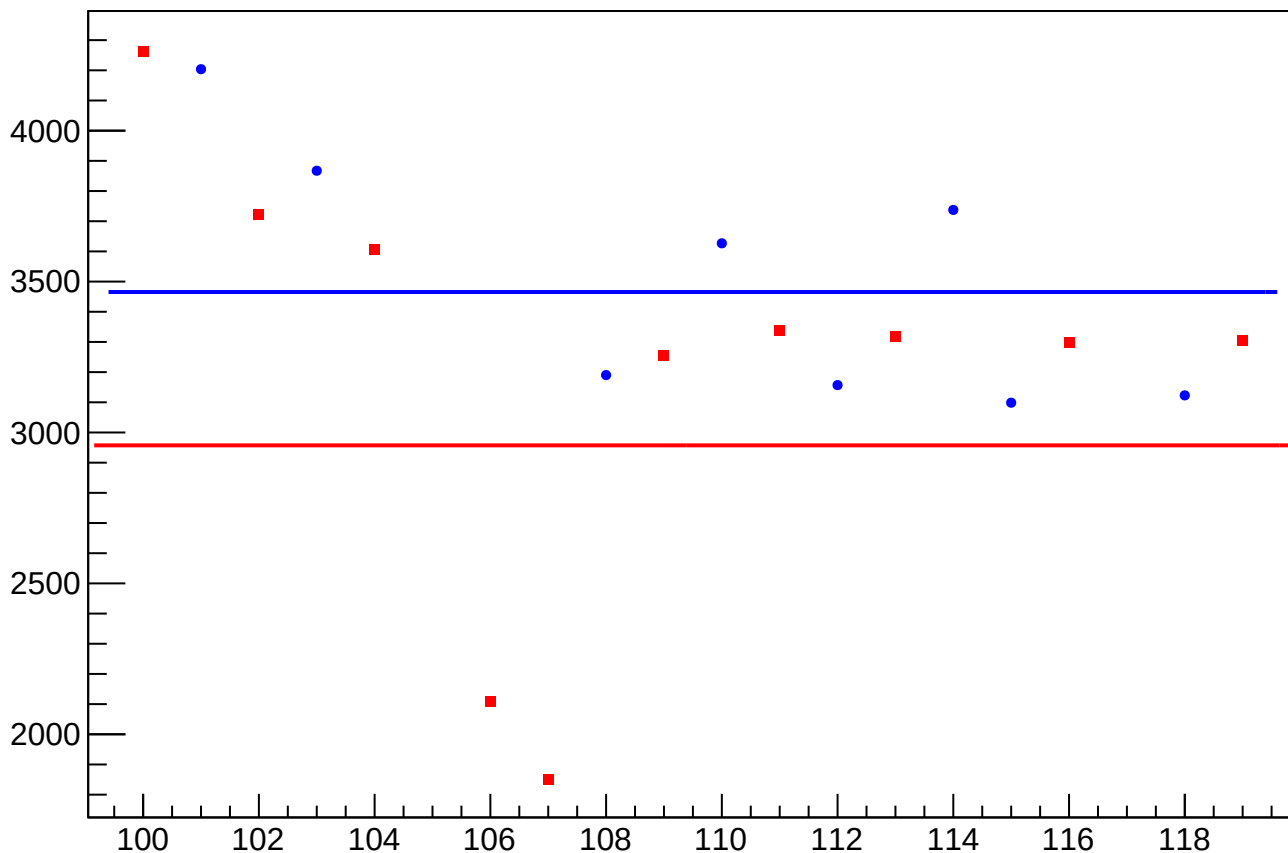
Right: 634.325+/-1180.780 χ^2/NDF : 17.1/17

In: 1997.194+/-1914.404 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.325+/-1180.780 χ^2/NDF : 17.1/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.346+/-1.061 χ^2/NDF : 428864.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

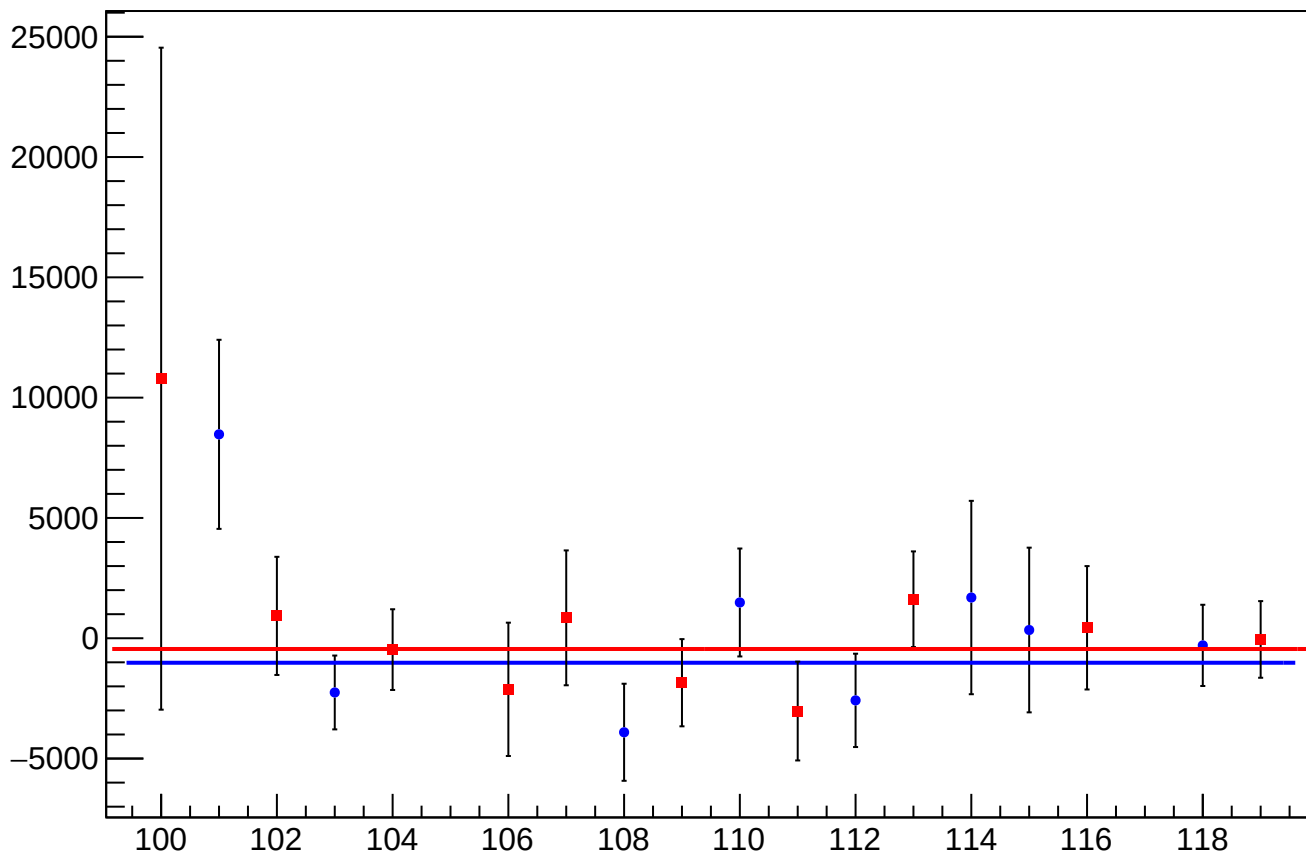
Right: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.648+/-0.835 χ^2/NDF : 604577.6/17

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -446.292+/-685.988 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

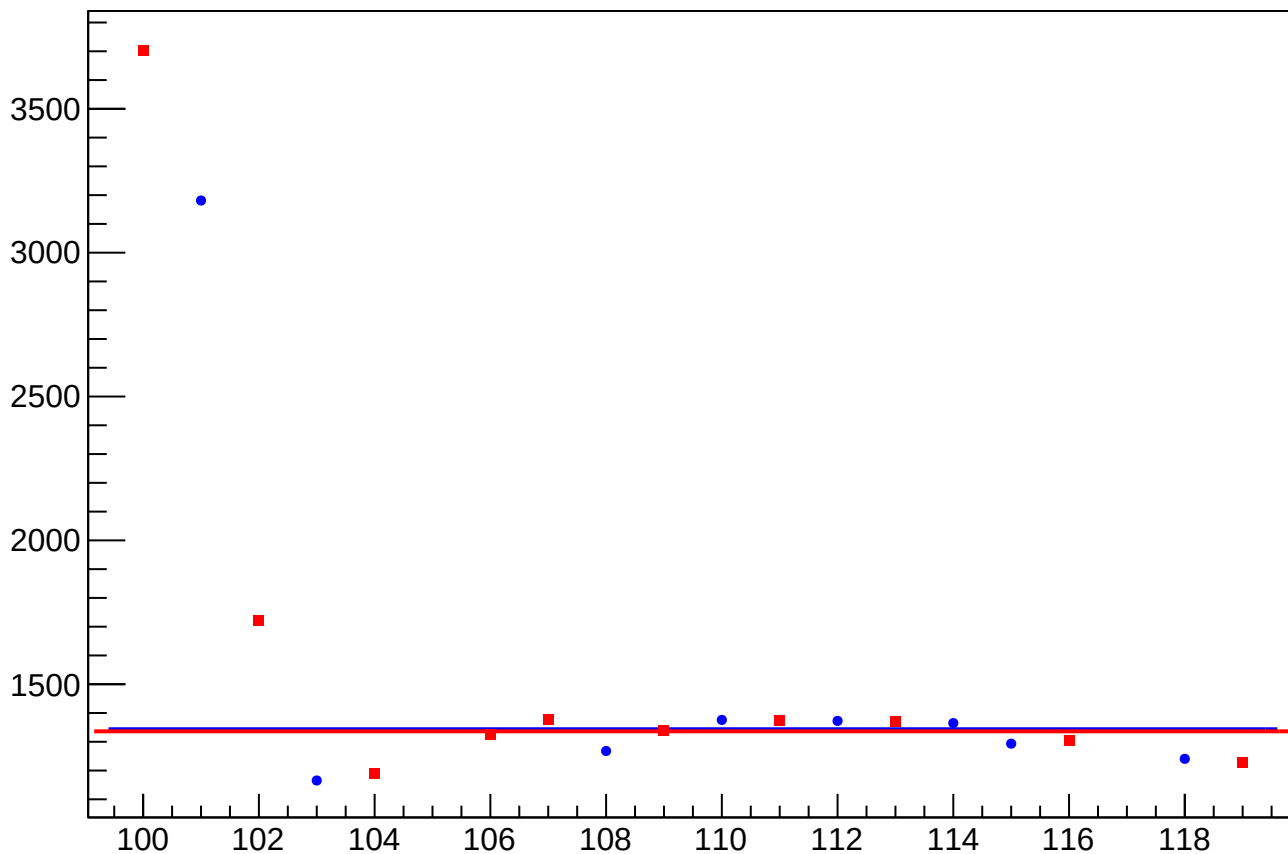
Right: -700.350+/-511.423 χ^2/NDF : 16.5/17

In: -1018.252+/-767.356 χ^2/NDF : 11.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.350+/-511.423 χ^2/NDF : 16.5/17

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.319+/-0.484 χ^2/NDF : 134582.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

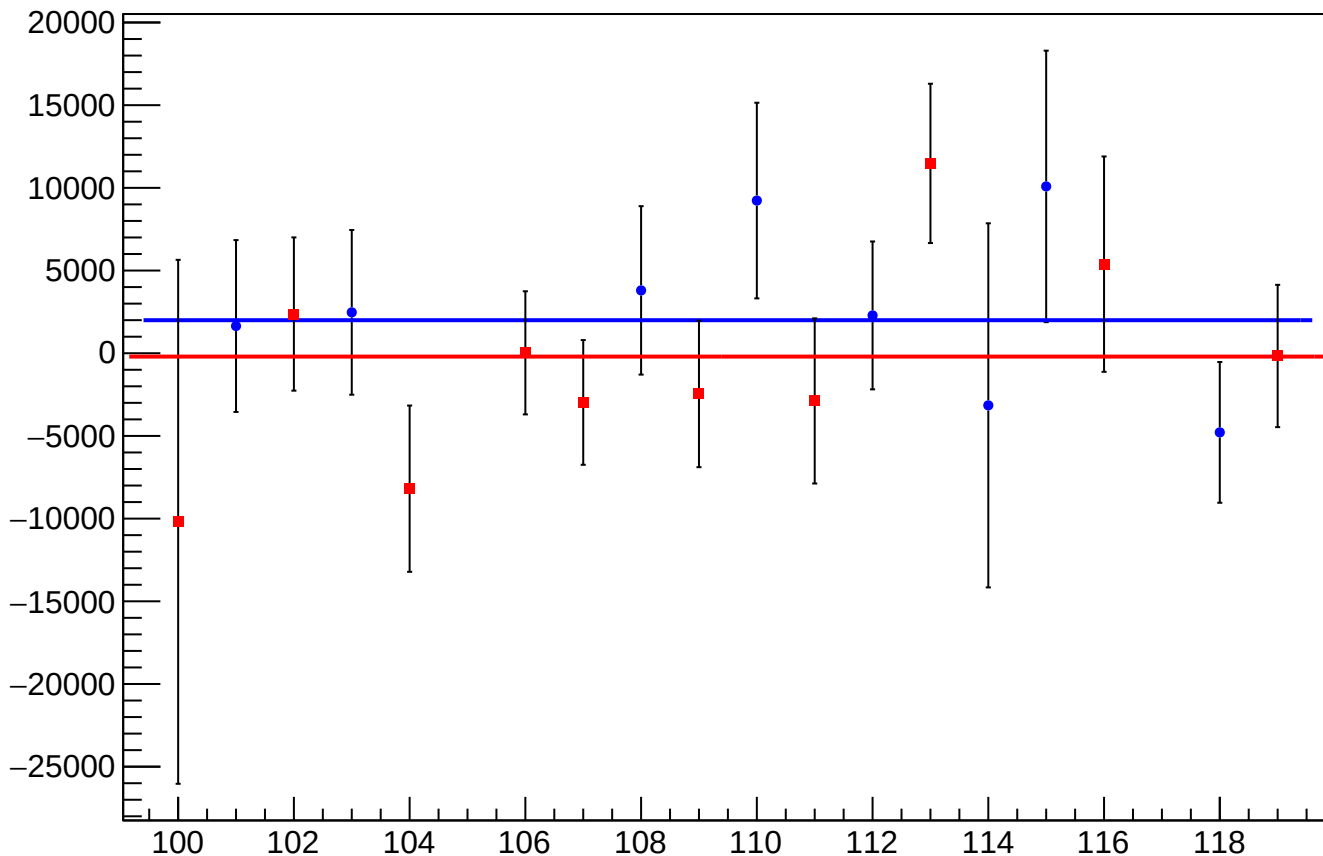
Right: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

In: 1343.497+/-0.543 χ^2/NDF : 476053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.502+/-0.361 χ^2/NDF : 610732.8/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.501+/-1500.106 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

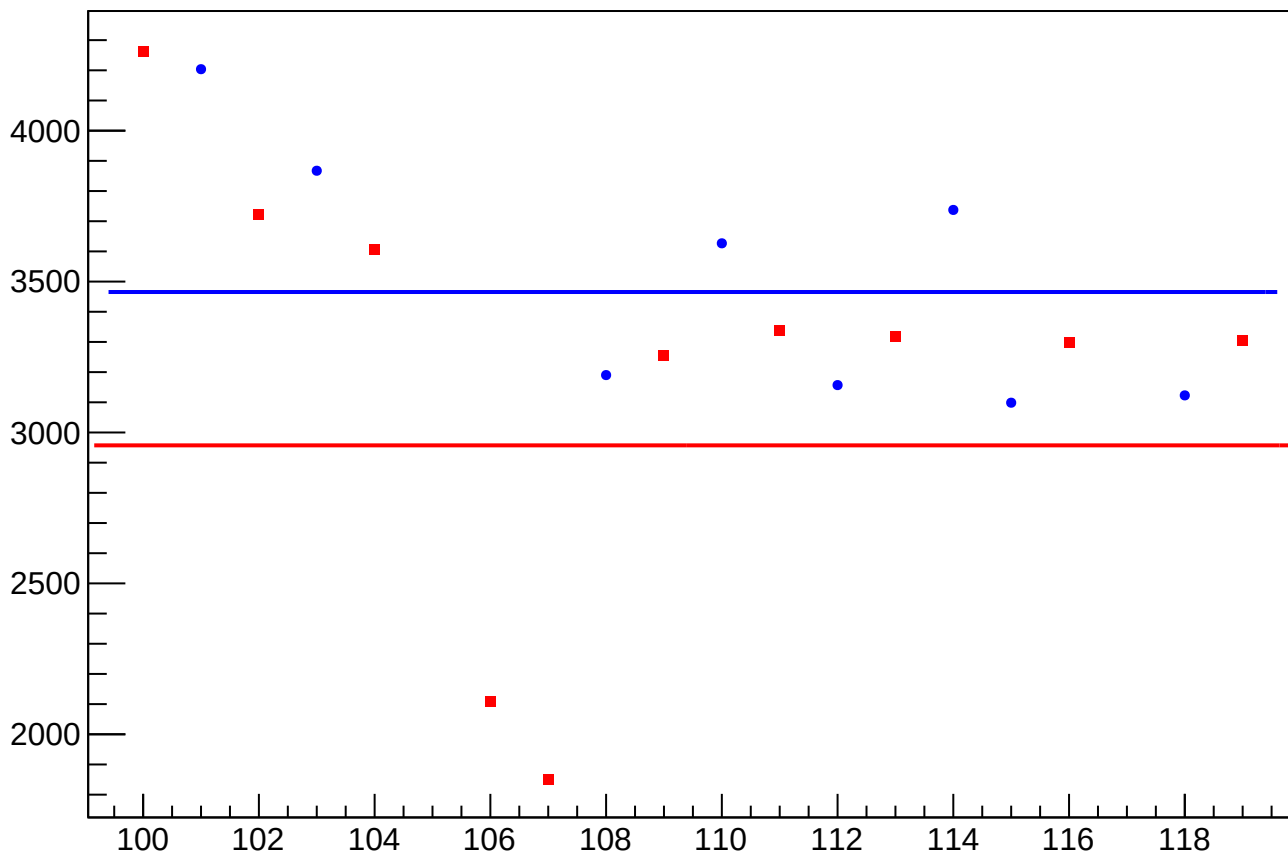
Right: 634.319+/-1180.778 χ^2/NDF : 17.1/17

In: 1997.186+/-1914.399 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.319+/-1180.778 χ^2/NDF : 17.1/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2957.339+/-1.061 χ^2/NDF : 428866.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

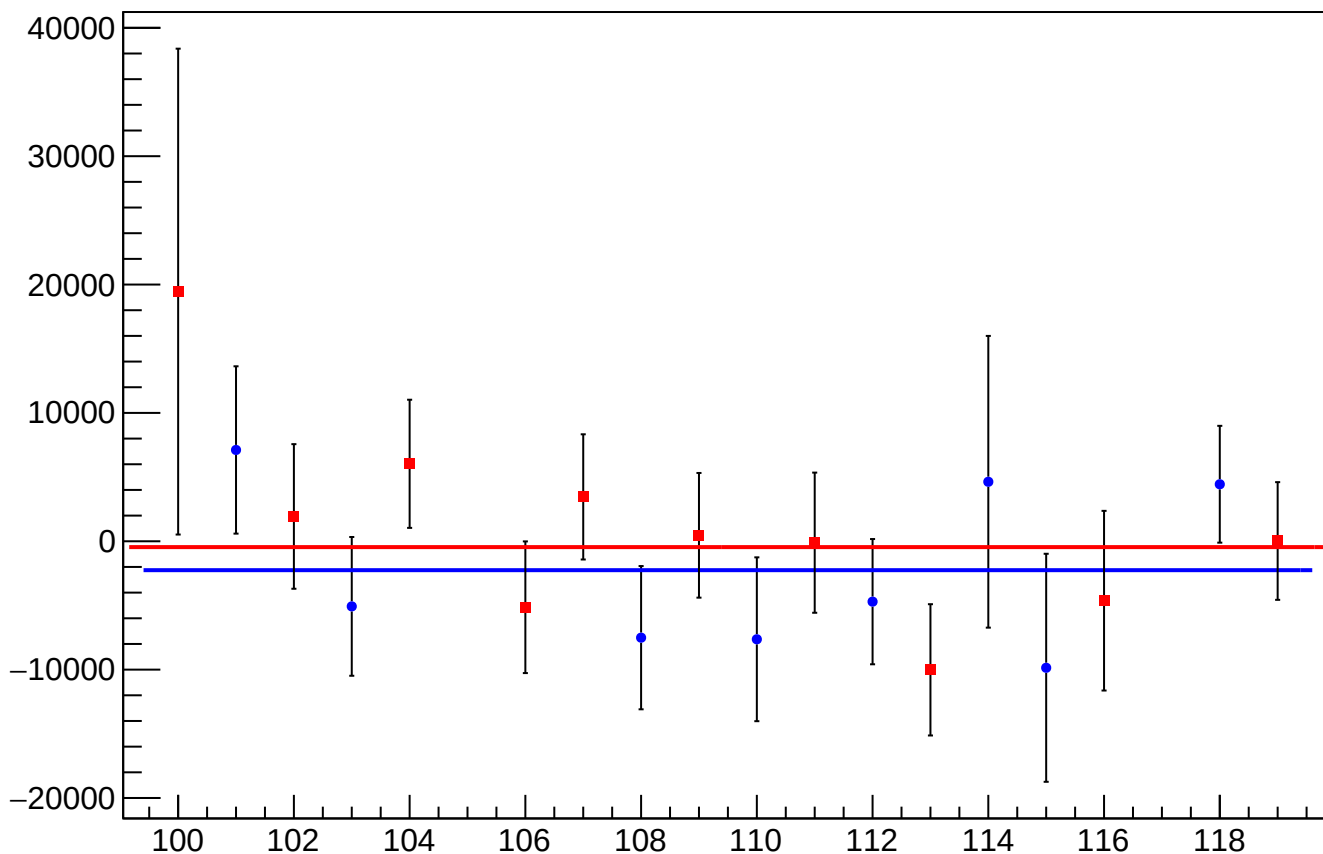
Right: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

In: 3465.456+/-1.354 χ^2/NDF : 88420.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3150.640+/-0.835 χ^2/NDF : 604581.2/17

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -454.670+/-1723.460 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

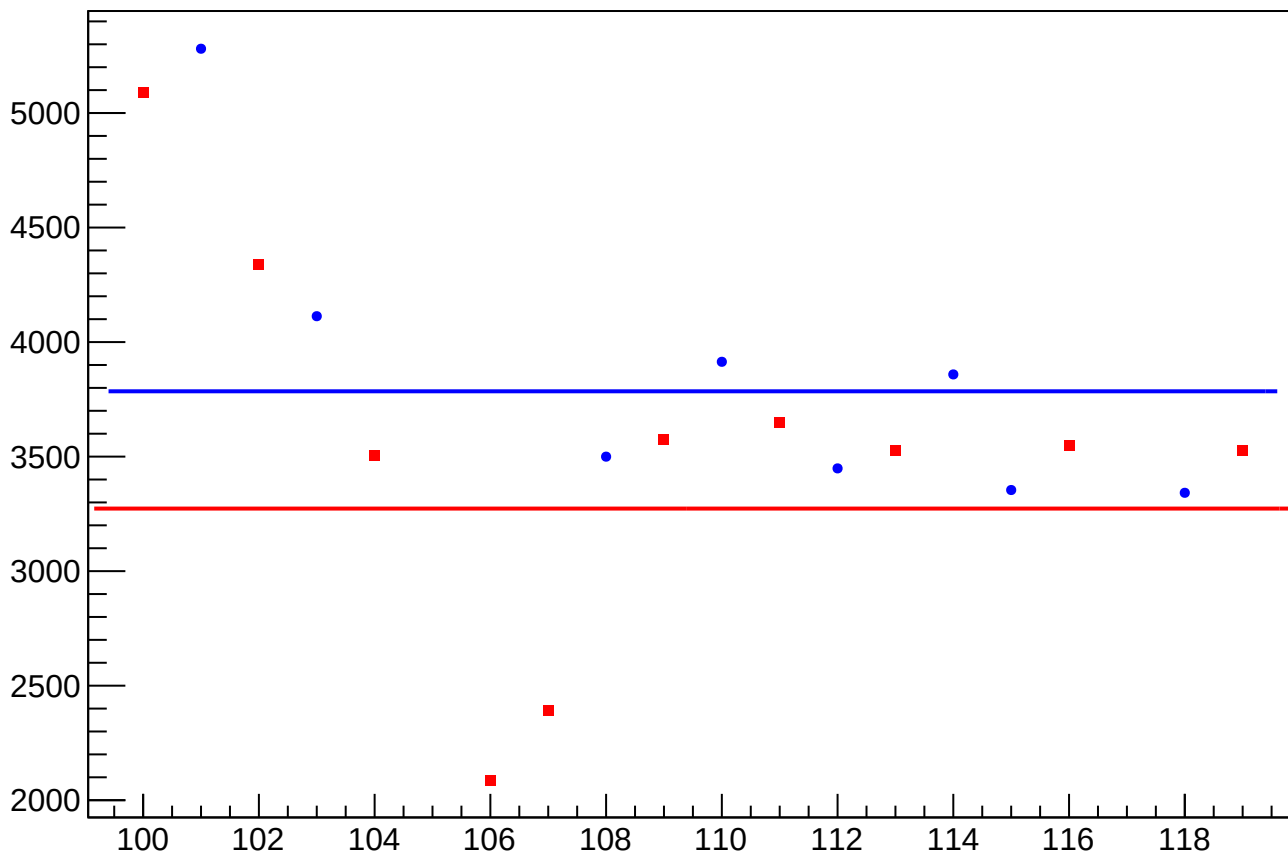
Right: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

In: -2251.884+/-2107.518 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1174.898+/-1334.155 χ^2/NDF : 16.2/17

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3273.153+/-1.191 χ^2/NDF : 341083.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

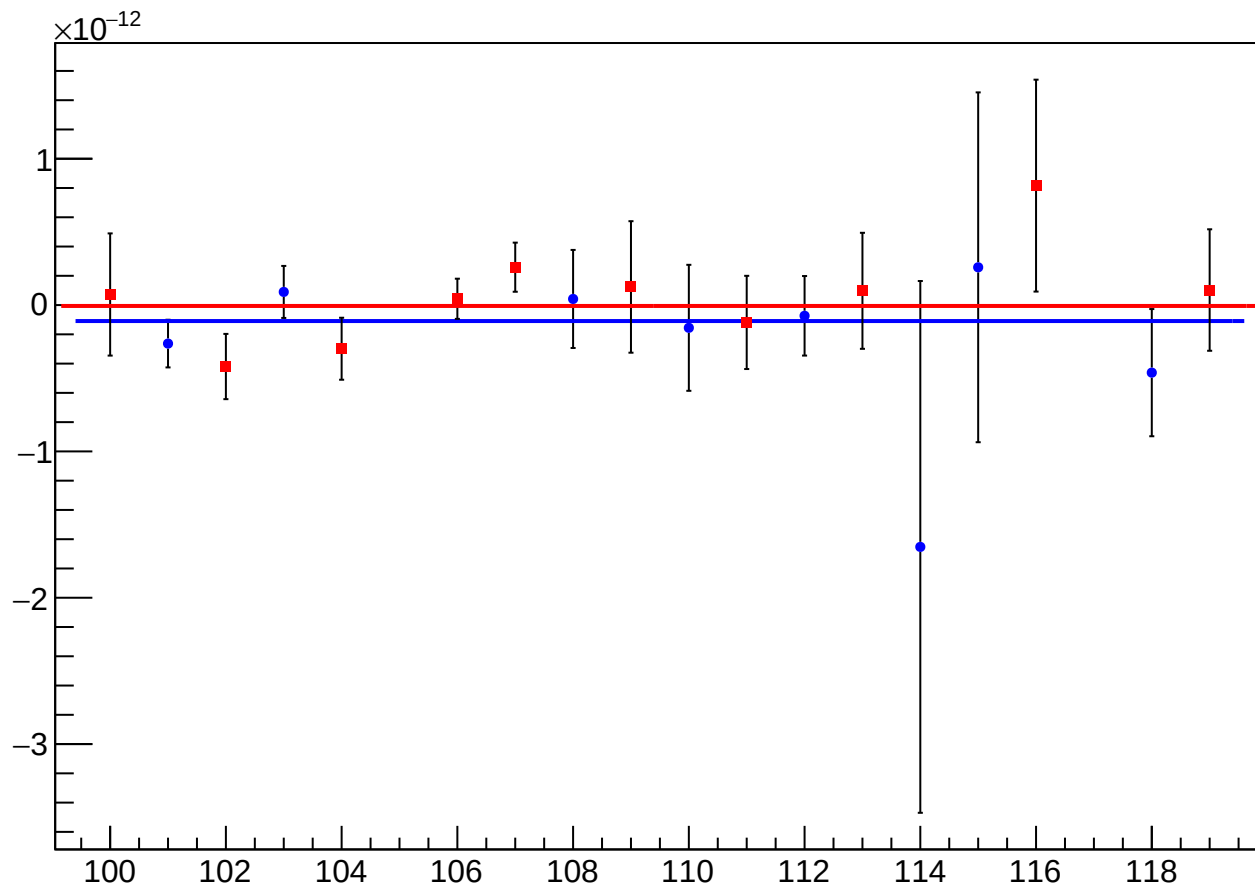
Right: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

In: 3785.140+/-1.490 χ^2/NDF : 151963.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3472.794+/-0.931 χ^2/NDF : 565058.4/17

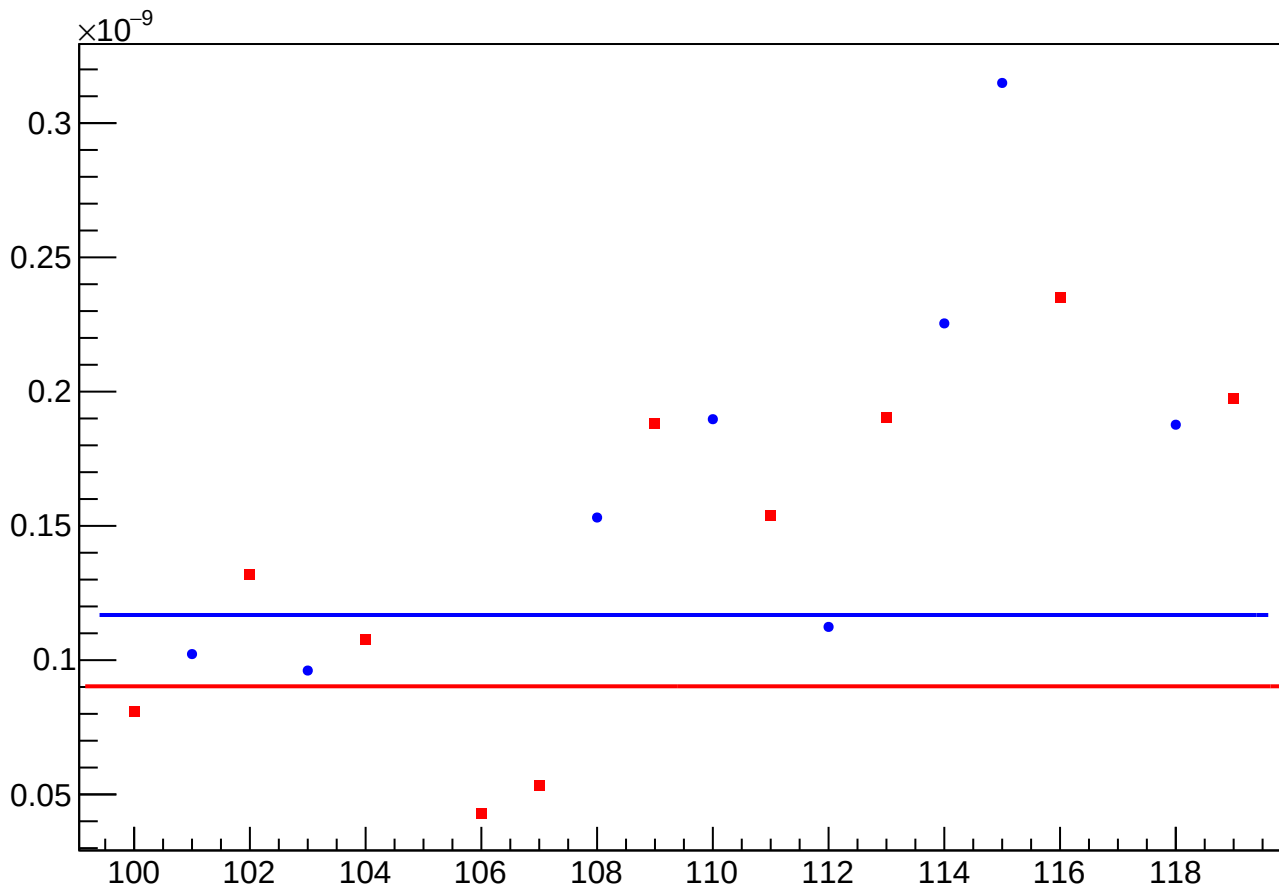
asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.9/7
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000 ± 0.000 χ^2/NDF : 9.6/9
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -0.000 ± 0.000 χ^2/NDF : 14.2/17
 In: -0.000 ± 0.000 χ^2/NDF : 3.9/7
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.000 ± 0.000 χ^2/NDF : 14.2/17

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 934312.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

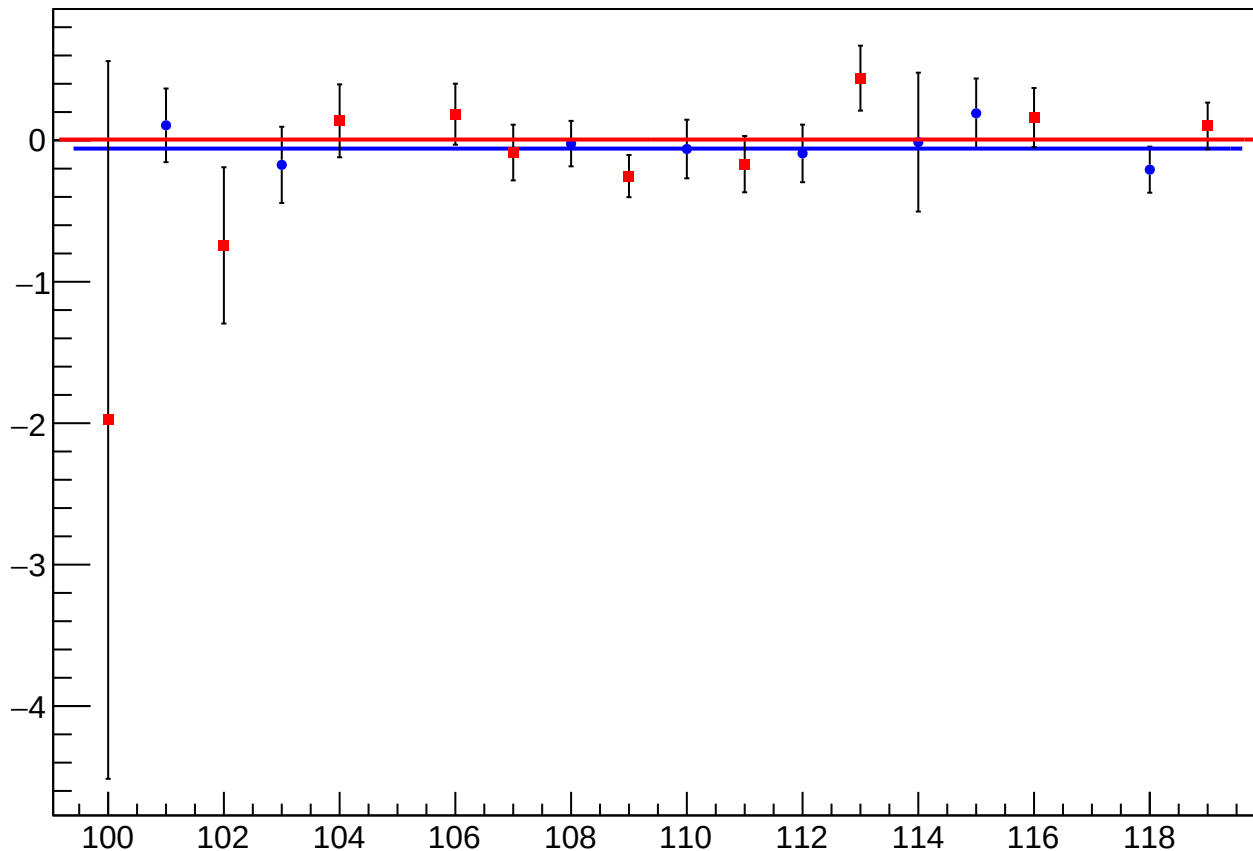
Right: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

In: 0.000+/-0.000 χ^2/NDF : 239719.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1263860.8/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

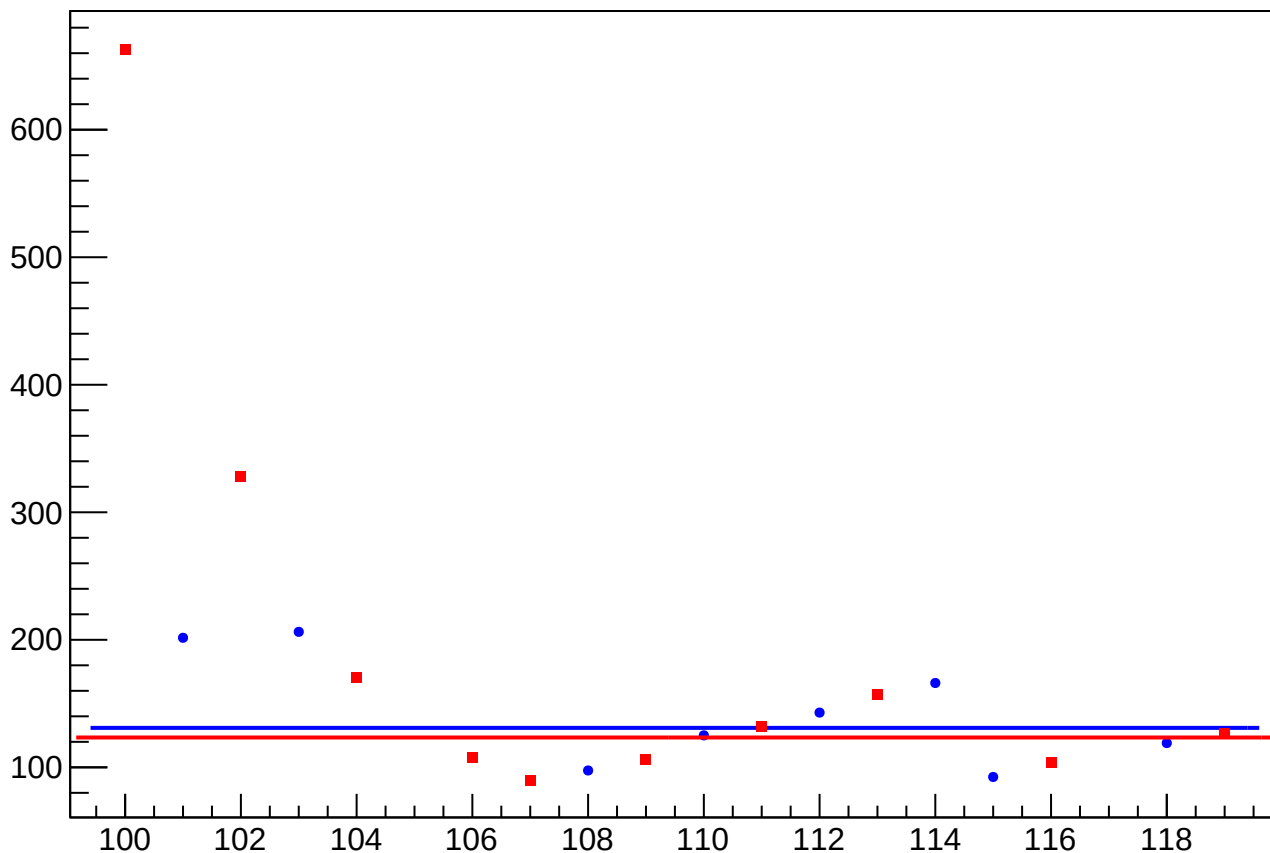
Right: -0.023+/-0.051 χ^2/NDF : 14.8/17

In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.051 χ^2/NDF : 14.8/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952 $\pm$ 0.054 χ^2 /NDF: 468617.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.400 $\pm$ 0.048 χ^2 /NDF: 592734.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

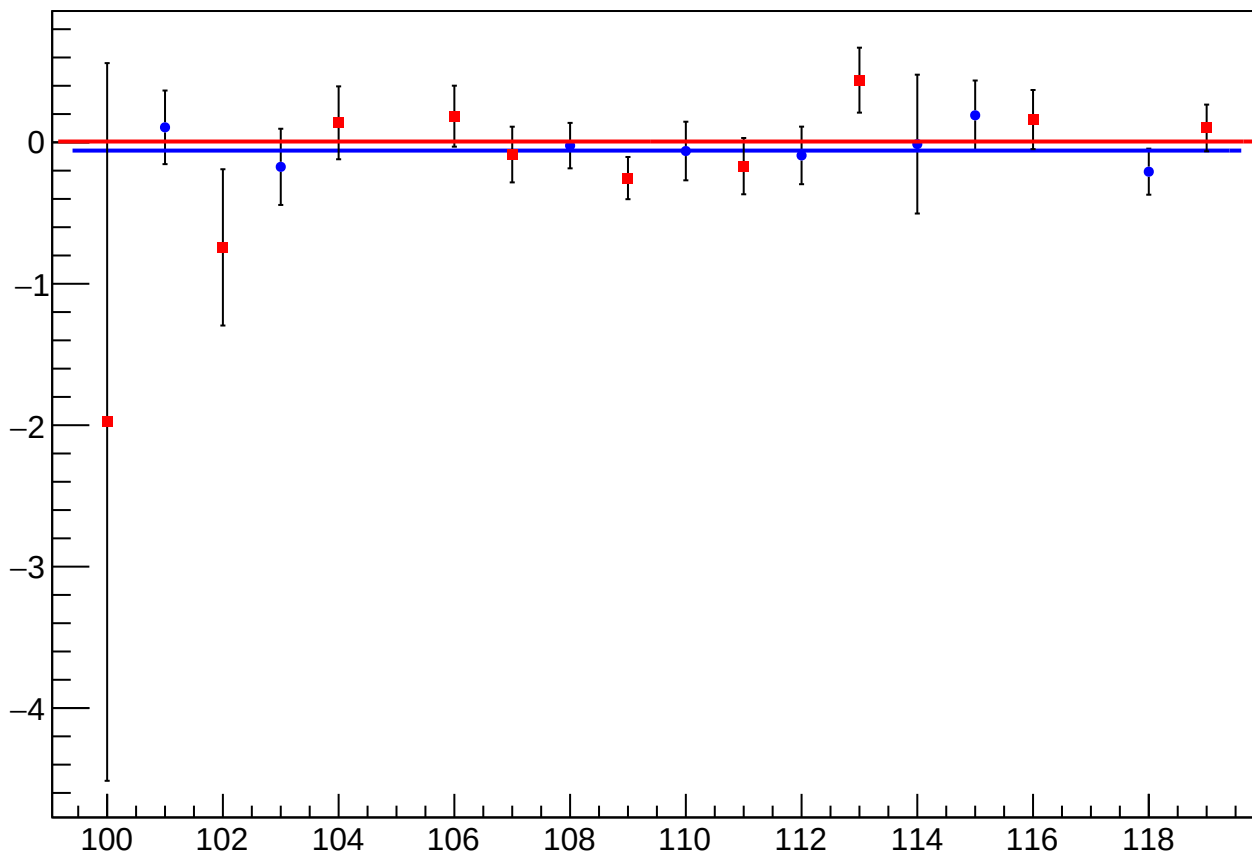
Right: 126.773 $\pm$ 0.036 χ^2 /NDF: 1072277.2/17

In: 130.952 $\pm$ 0.054 χ^2 /NDF:468617.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.773 $\pm$ 0.036 χ^2 /NDF: 1072277.2/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

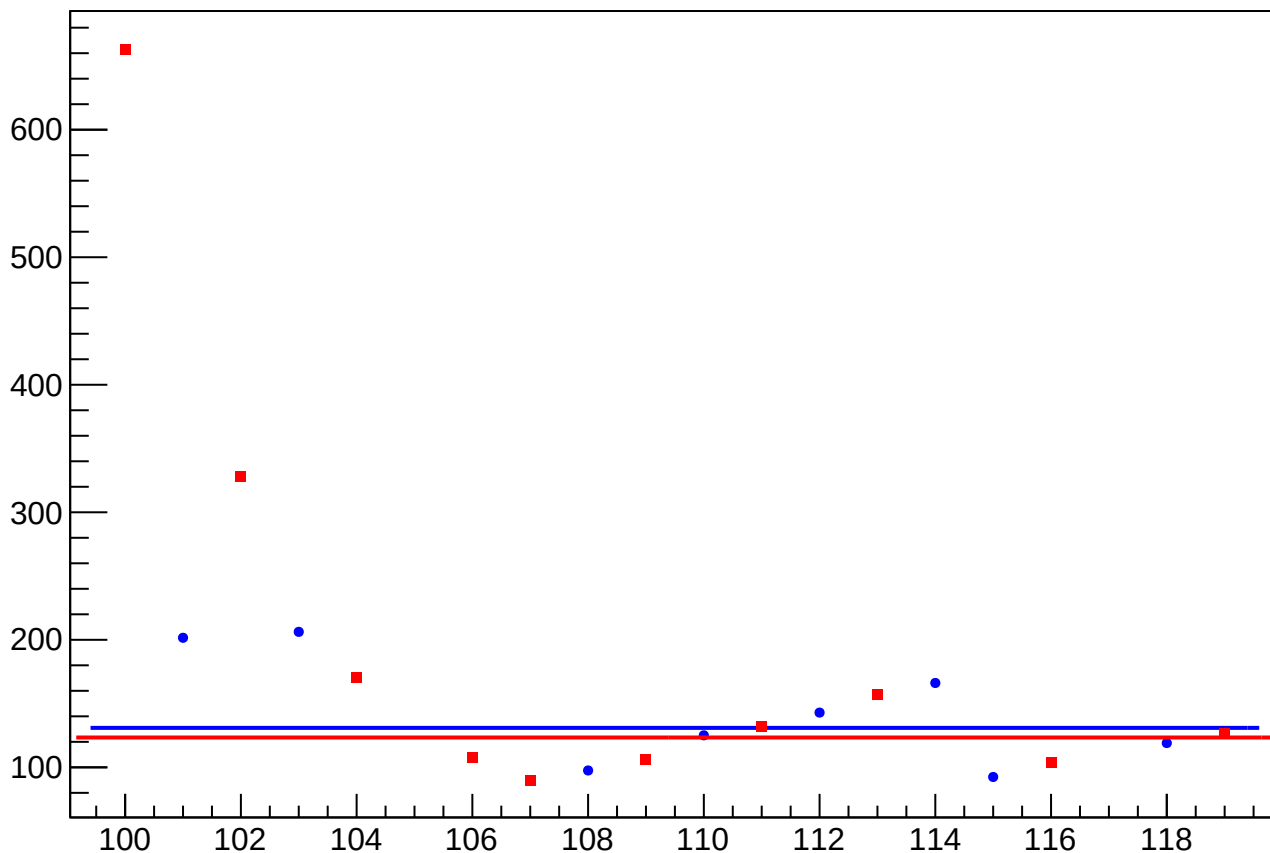
Right: -0.023+/-0.051 χ^2/NDF : 14.8/17

In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.051 χ^2/NDF : 14.8/17

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.400+/-0.048 χ^2/NDF : 592734.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

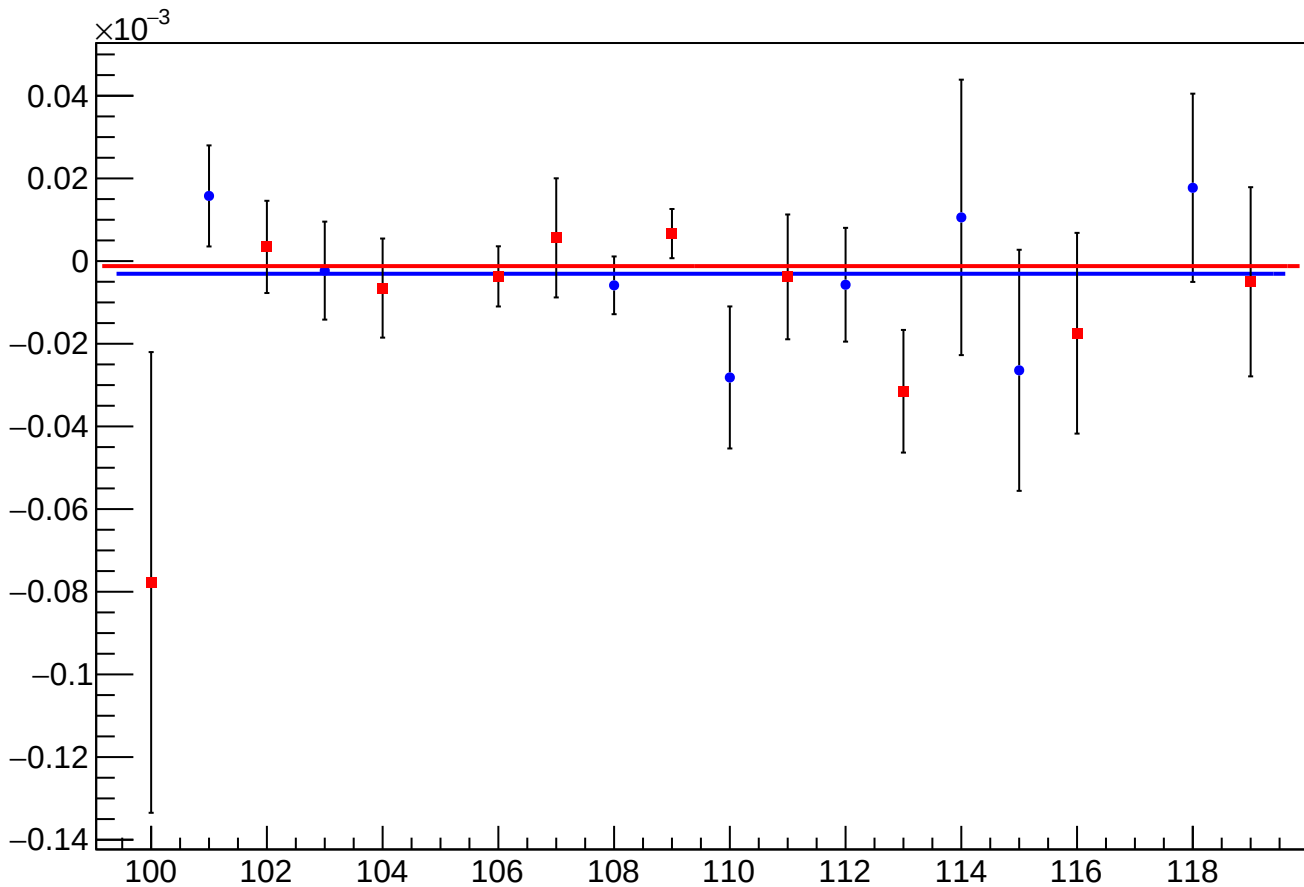
Right: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

In: 130.952+/-0.054 χ^2/NDF : 468617.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.773+/-0.036 χ^2/NDF : 1072277.2/17

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 : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

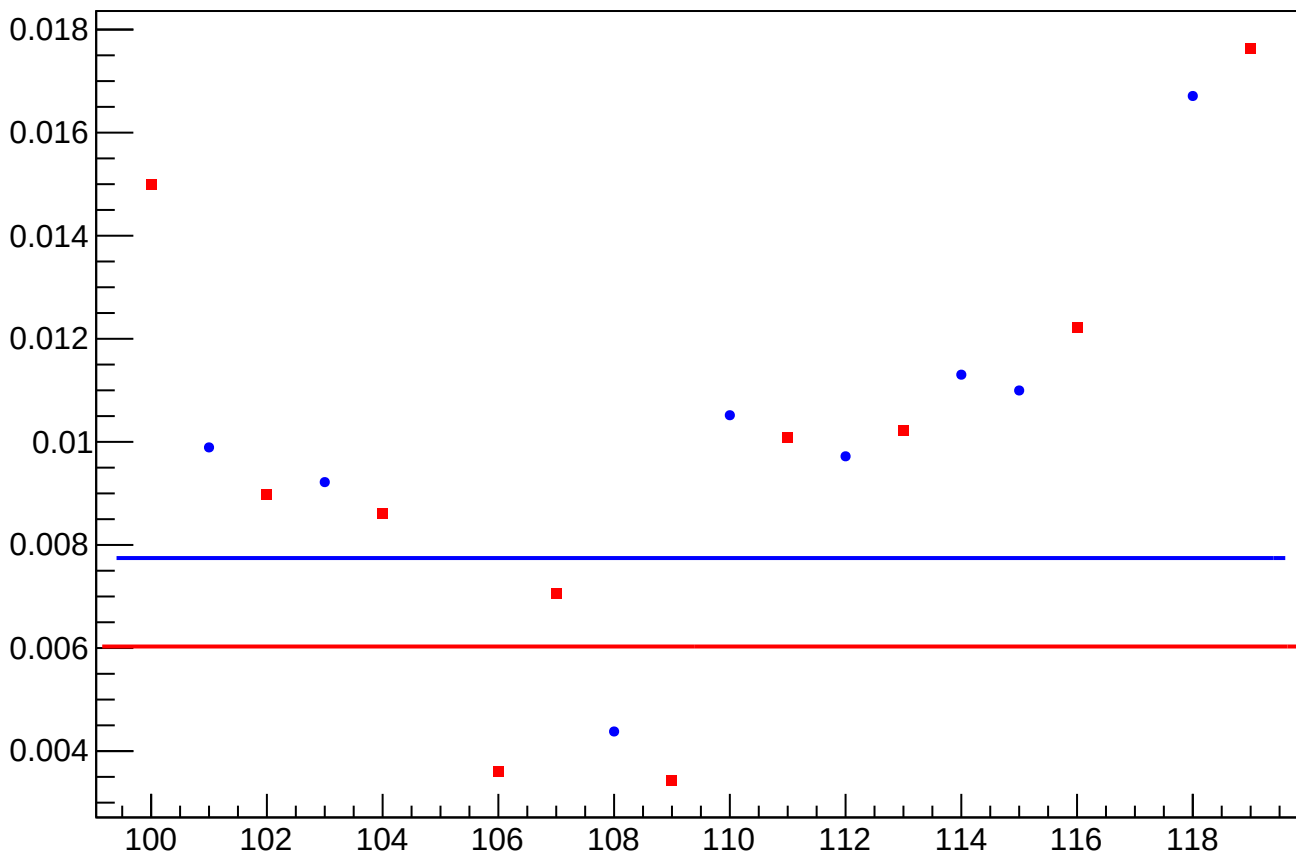
Right: -0.000+/-0.000 χ^2/NDF : 15.5/17

In: -0.000+/-0.000 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.5/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1007561.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1845685.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

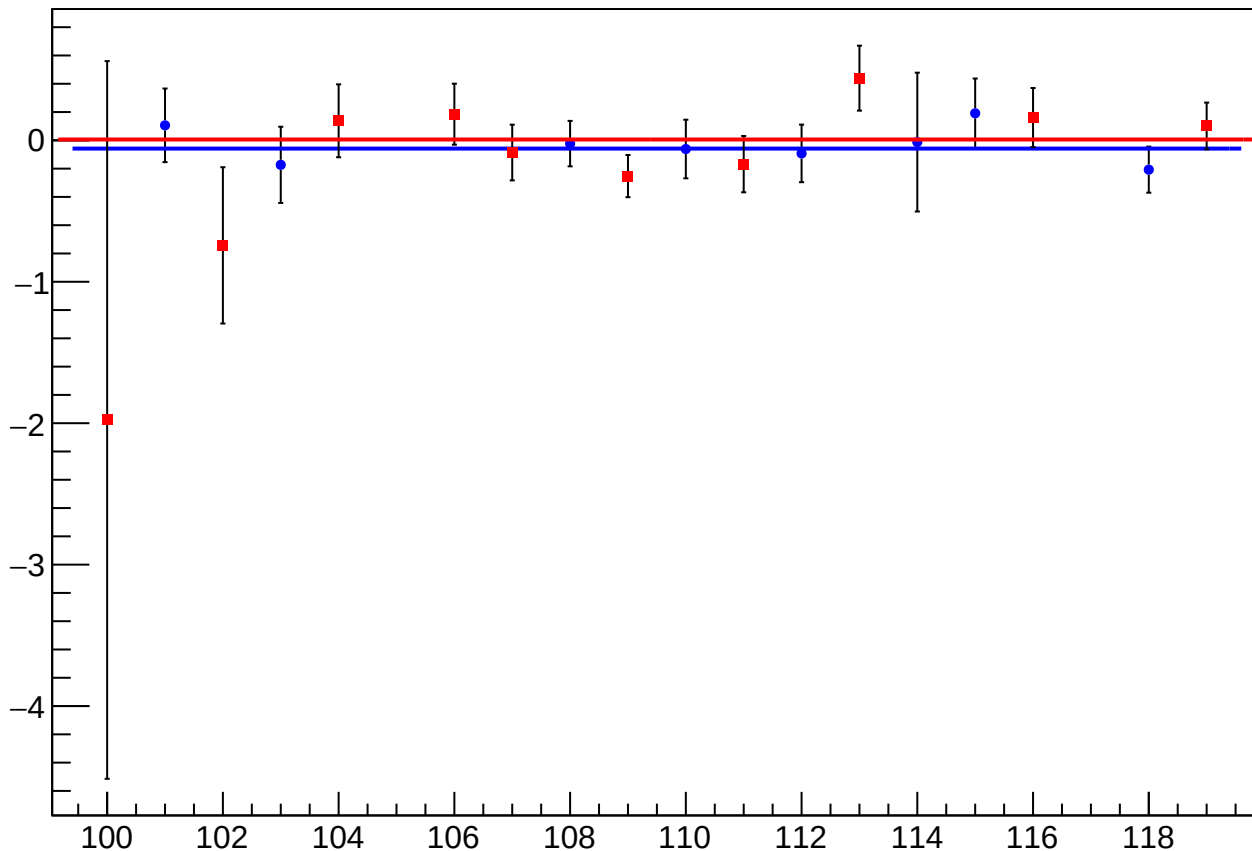
Right: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

In: 0.008+/-0.000 χ^2/NDF :1007561.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 3027414.5/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.068 χ^2/NDF : 11.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

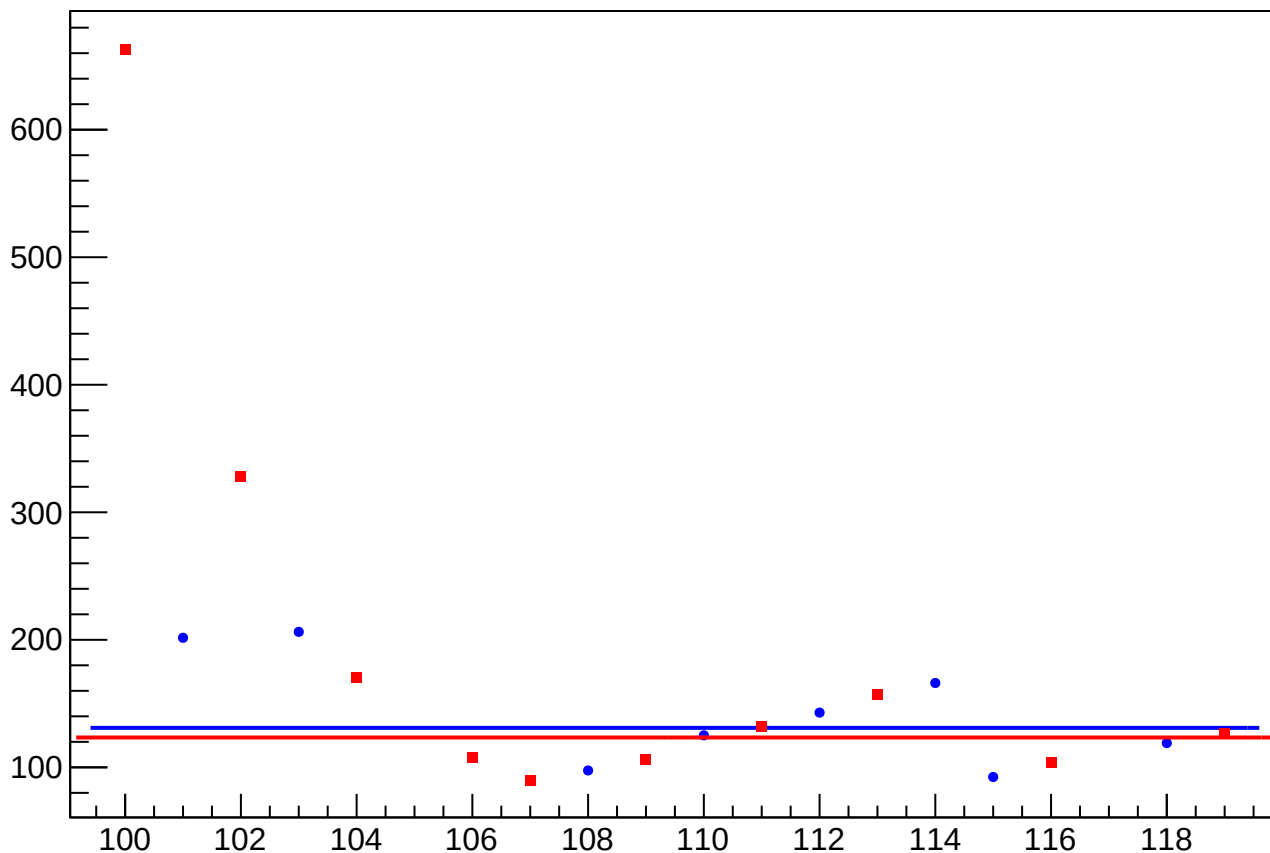
Right: -0.023 ± 0.051 χ^2/NDF : 14.8/17

In: -0.058 ± 0.076 χ^2/NDF : 2.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.051 χ^2/NDF : 14.8/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.403+/-0.048 χ^2/NDF : 592687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

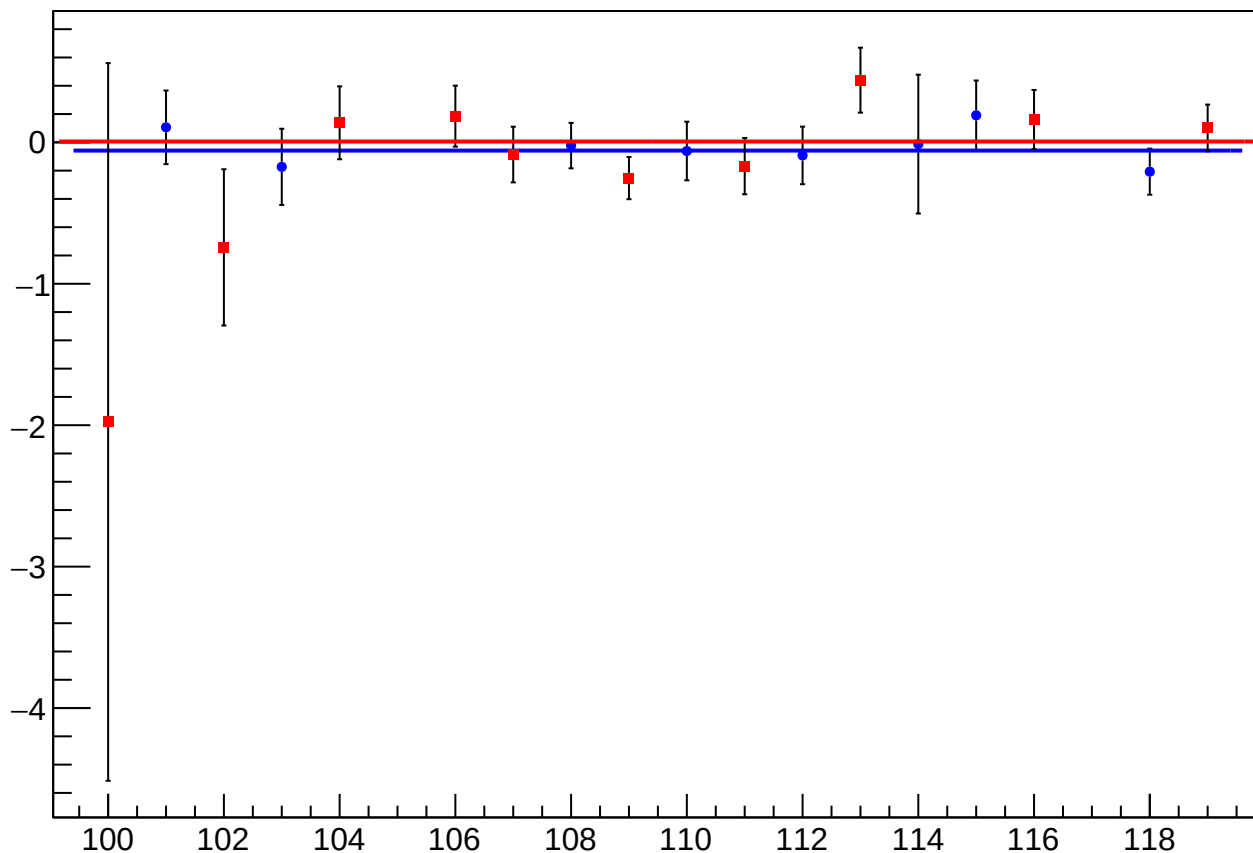
Right: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

In: 130.952+/-0.054 χ^2/NDF : 468584.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.775+/-0.036 χ^2/NDF : 1072192.7/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.068 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

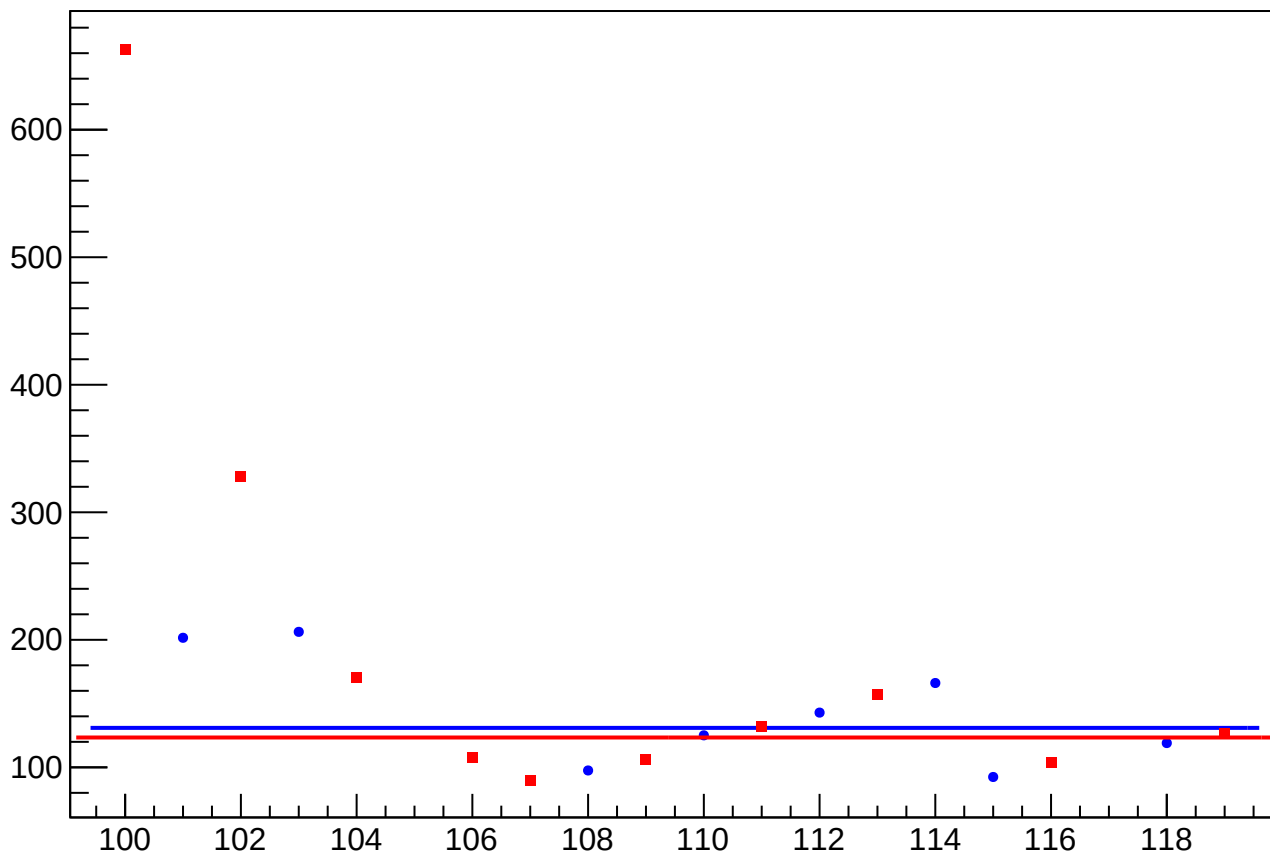
Right: -0.023+/-0.051 χ^2/NDF : 14.8/17

In: -0.058+/-0.076 χ^2/NDF : 2.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.051 χ^2/NDF : 14.8/17

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.952 $\pm$ 0.054 χ^2 /NDF: 468584.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.403 $\pm$ 0.048 χ^2 /NDF: 592687.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

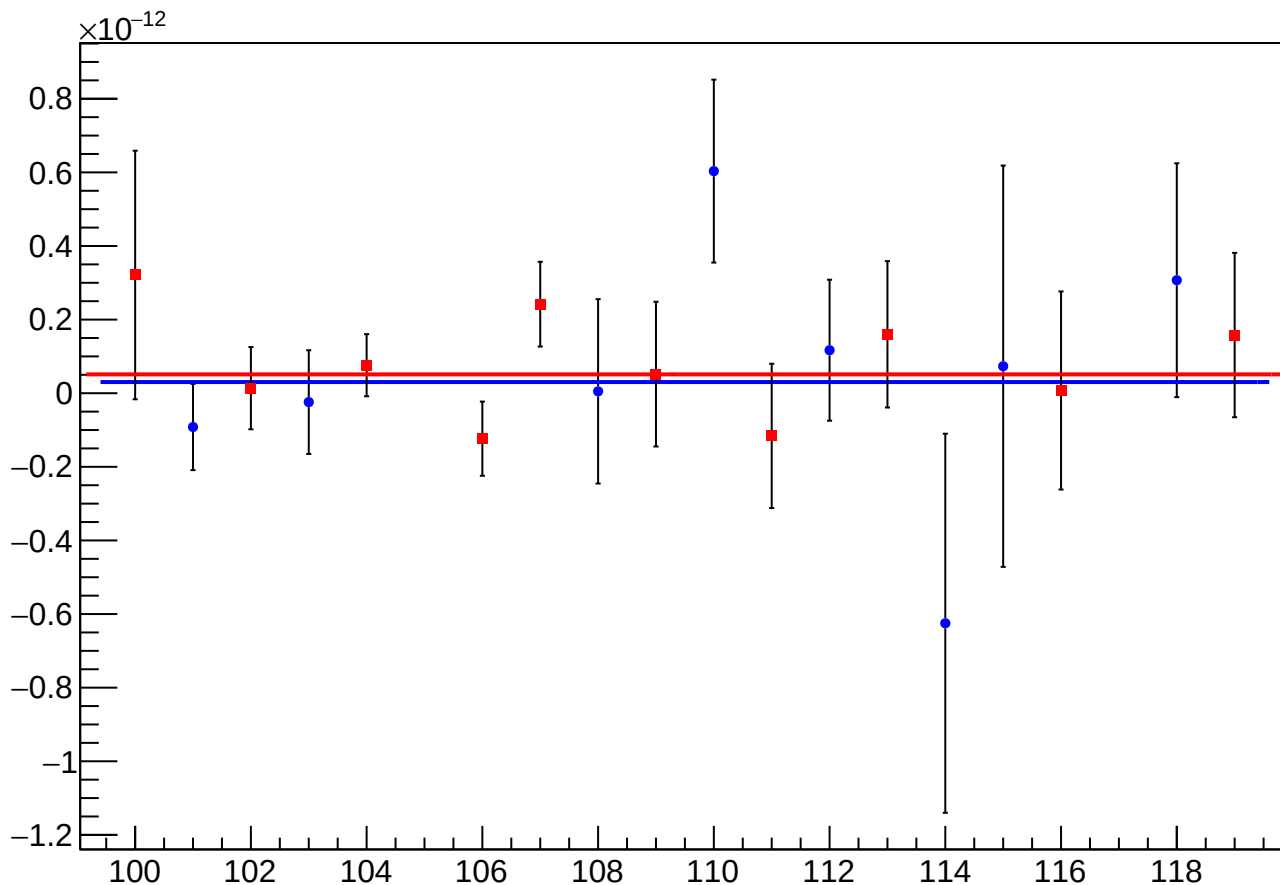
Right: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

In: 130.952 $\pm$ 0.054 χ^2 /NDF:468584.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.775 $\pm$ 0.036 χ^2 /NDF: 1072192.7/17

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 : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

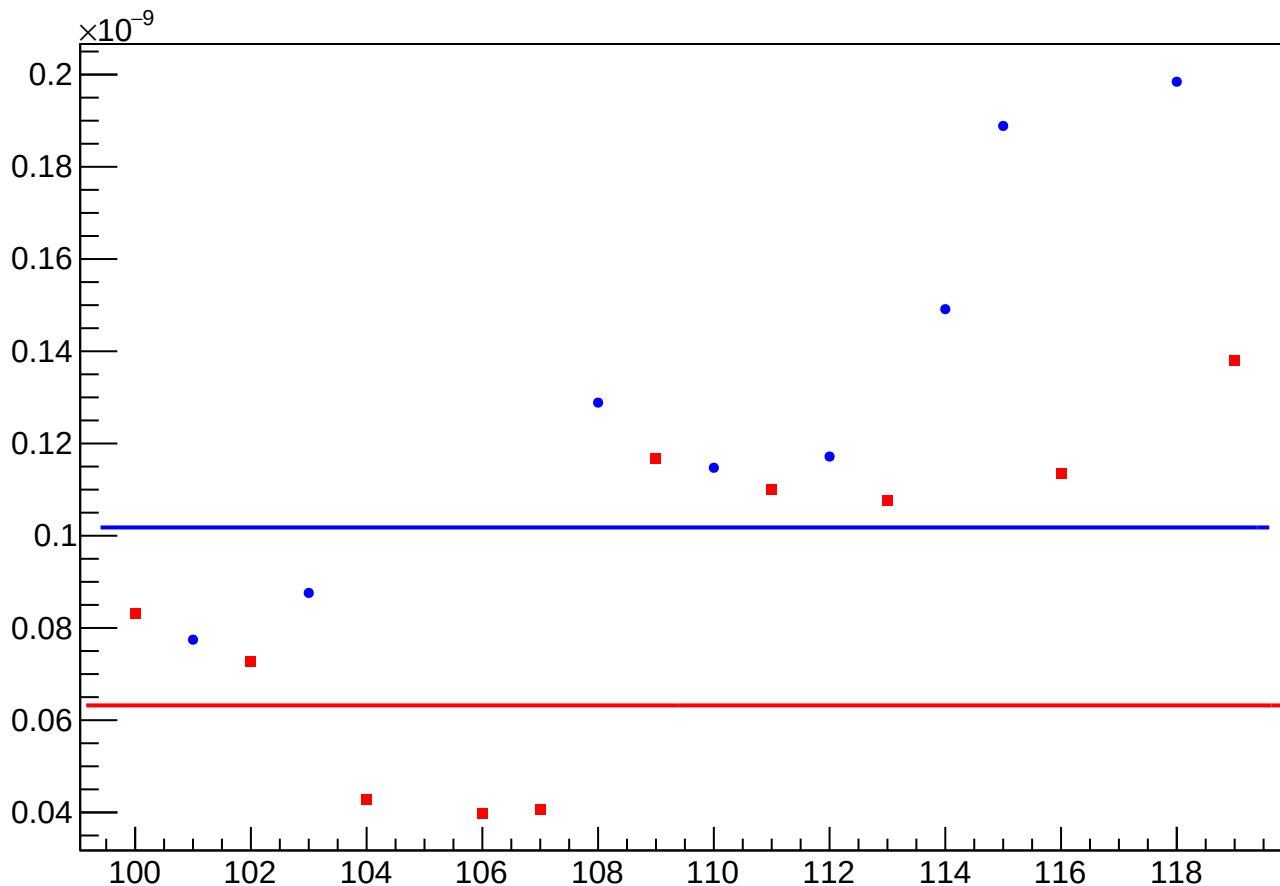
Right: 0.000+/-0.000 χ^2/NDF : 17.1/17

In: 0.000+/-0.000 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/17

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 : 401403.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 979192.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

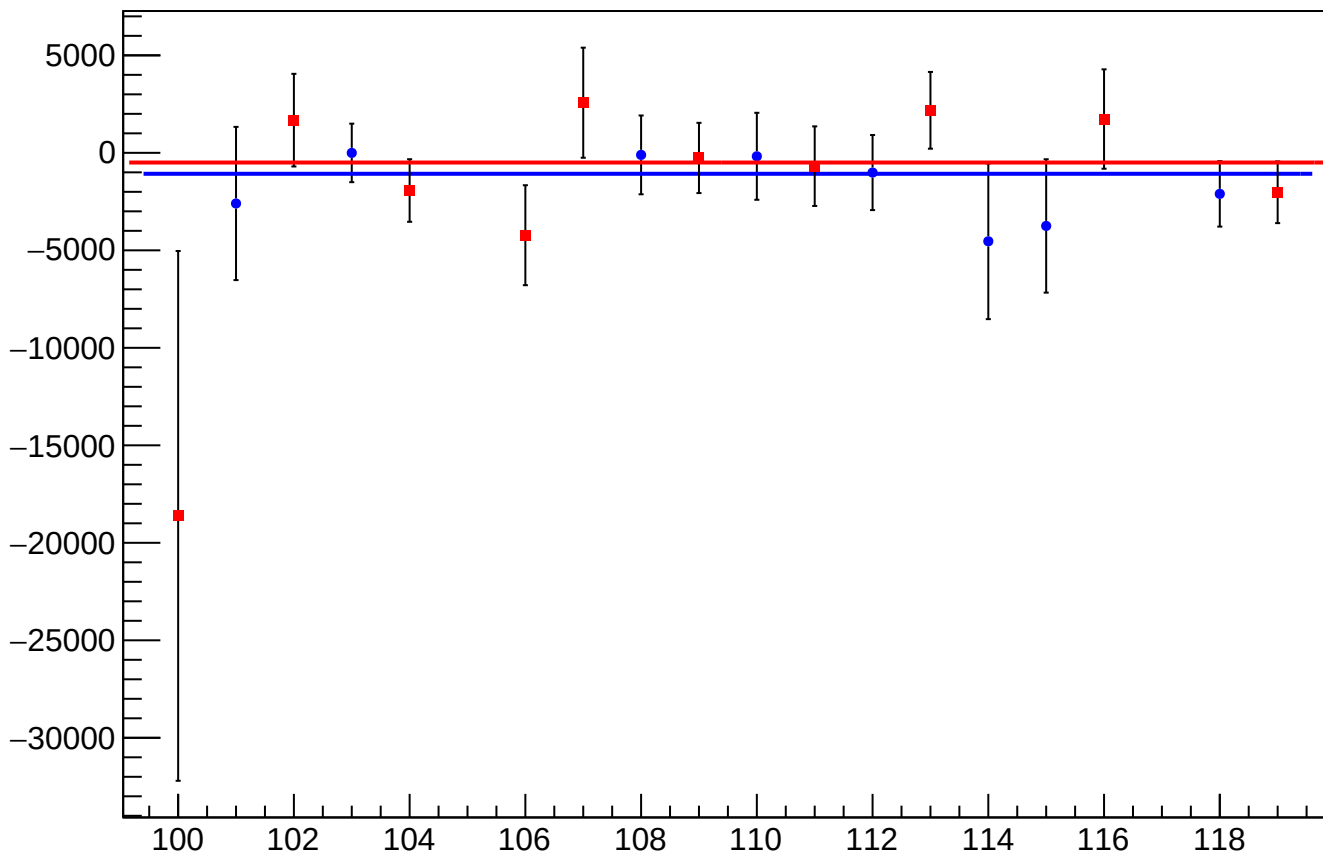
Right: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

In: 0.000+/-0.000 χ^2/NDF : 401403.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1809096.9/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1074.462+/-760.724 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -496.610+/-672.908 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

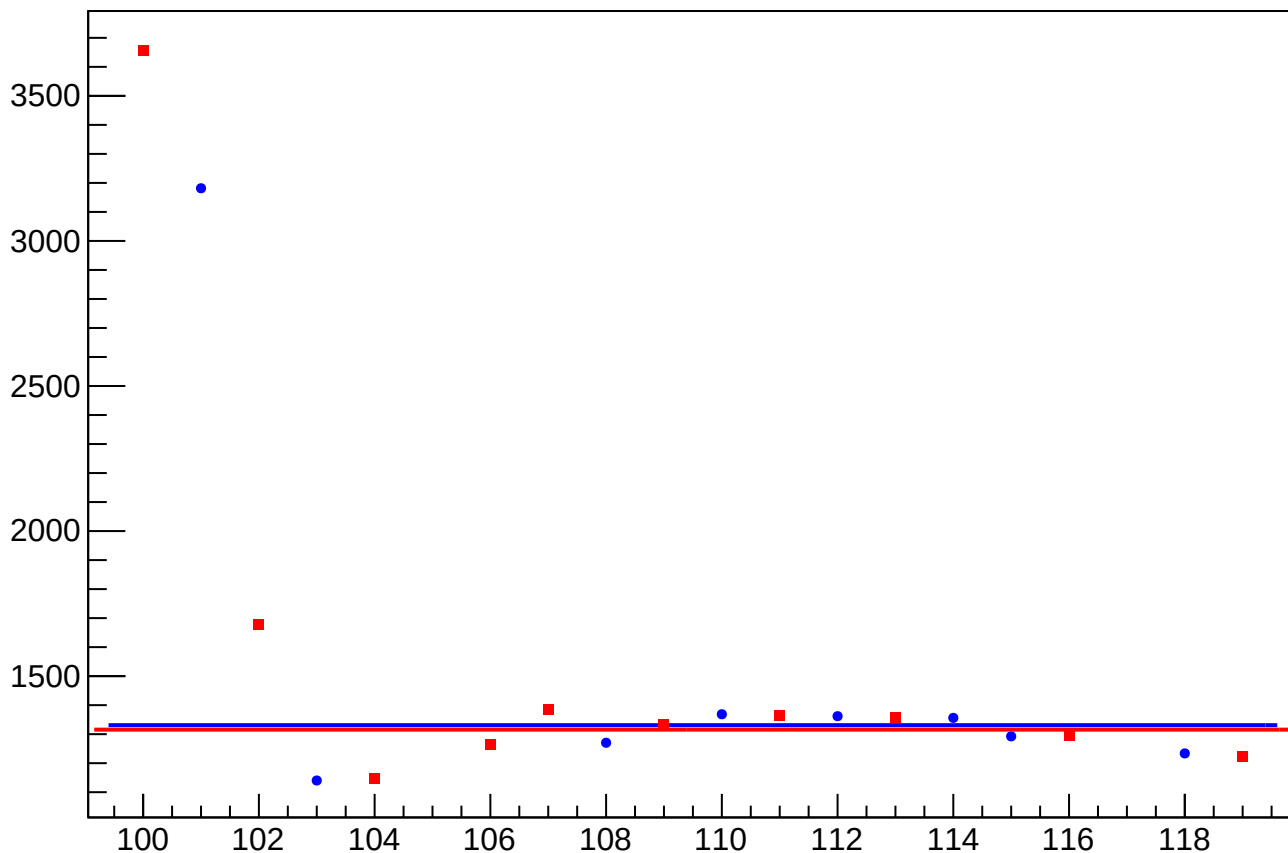
Right: -750.272+/-504.019 χ^2/NDF : 13.4/17

In: -1074.462+/-760.724 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.272+/-504.019 χ^2/NDF : 13.4/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486011.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.611+/-0.476 χ^2/NDF : 138635.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

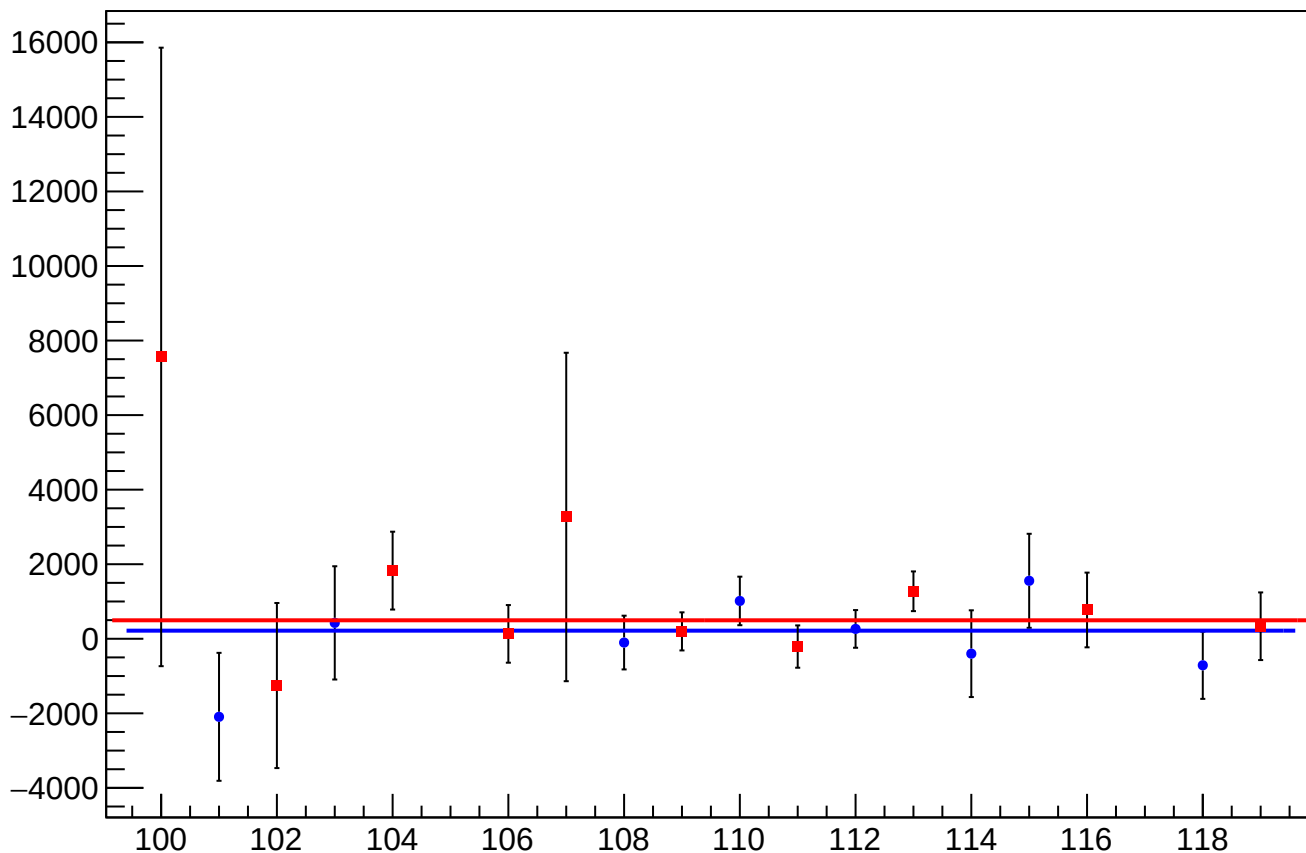
Right: 1322.370+/-0.356 χ^2/NDF : 625107.3/17

In: 1331.009+/-0.538 χ^2/NDF : 486011.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1322.370+/-0.356 χ^2/NDF : 625107.3/17

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 217.358+/-294.011 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.406+/-253.769 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

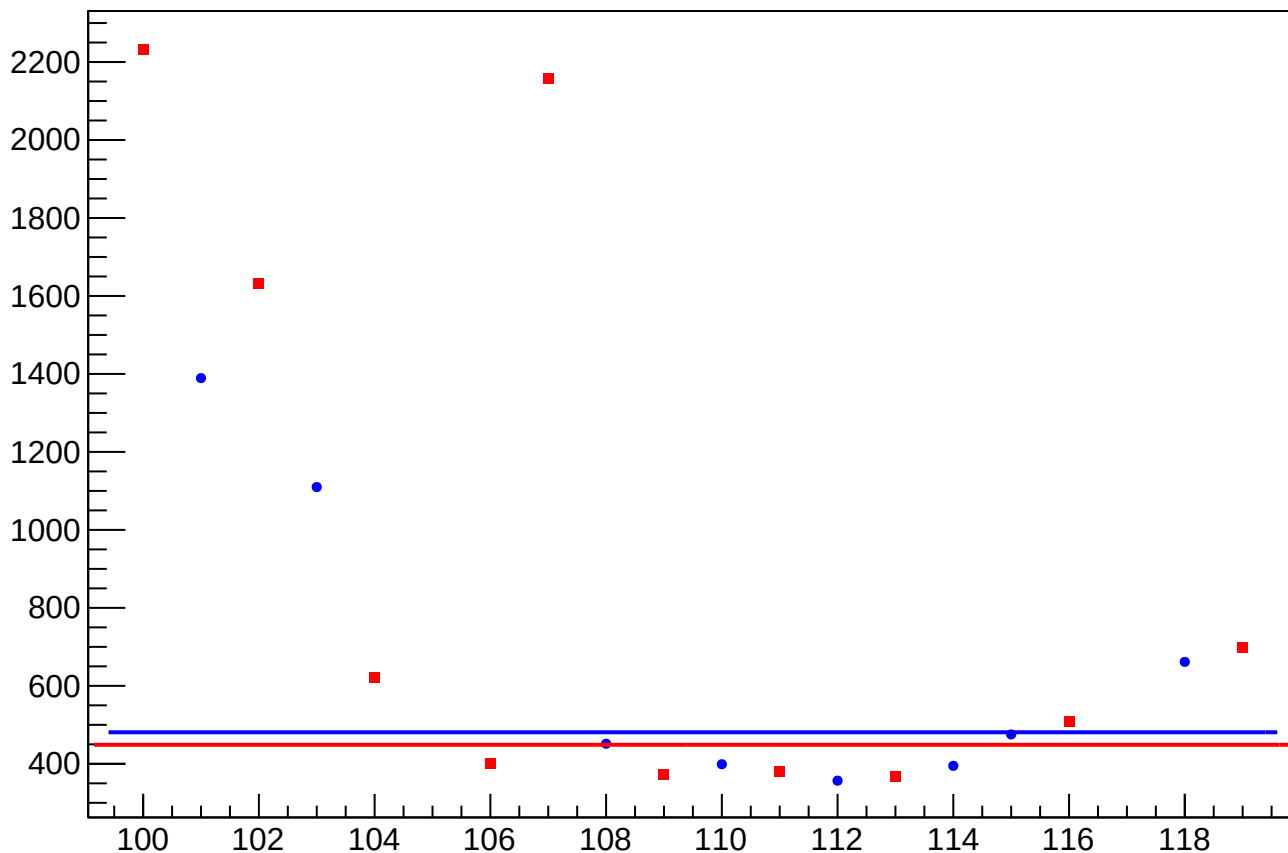
Right: 376.699+/-192.107 χ^2/NDF : 14.2/17

In: 217.358+/-294.011 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.699+/-192.107 χ^2/NDF : 14.2/17

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 480.949+/-0.208 χ^2/NDF : 1150034.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.890+/-0.179 χ^2/NDF : 1307299.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

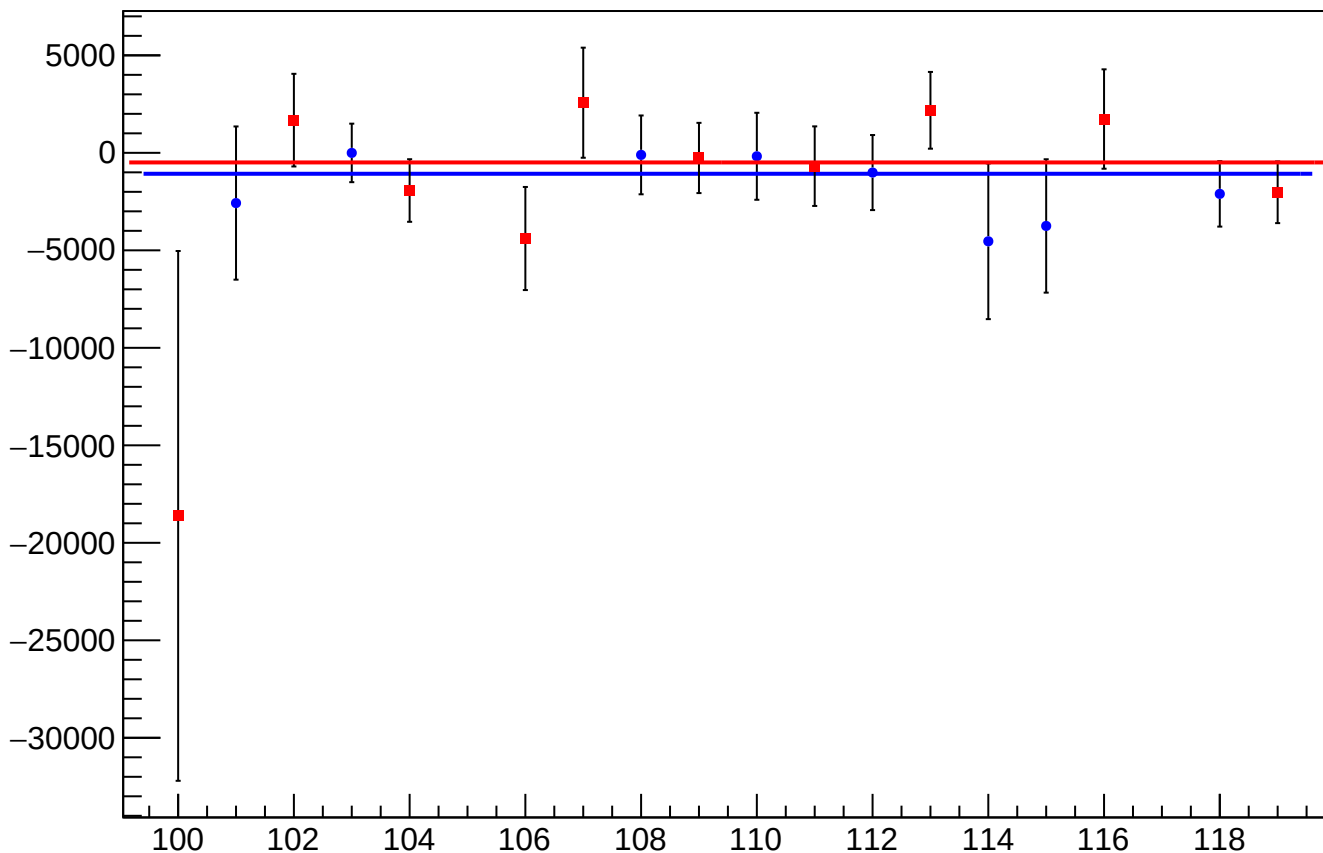
Right: 462.577+/-0.136 χ^2/NDF : 2470961.2/17

In: 480.949+/-0.208 χ^2/NDF : 1150034.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.577+/-0.136 χ^2/NDF : 2470961.2/17

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

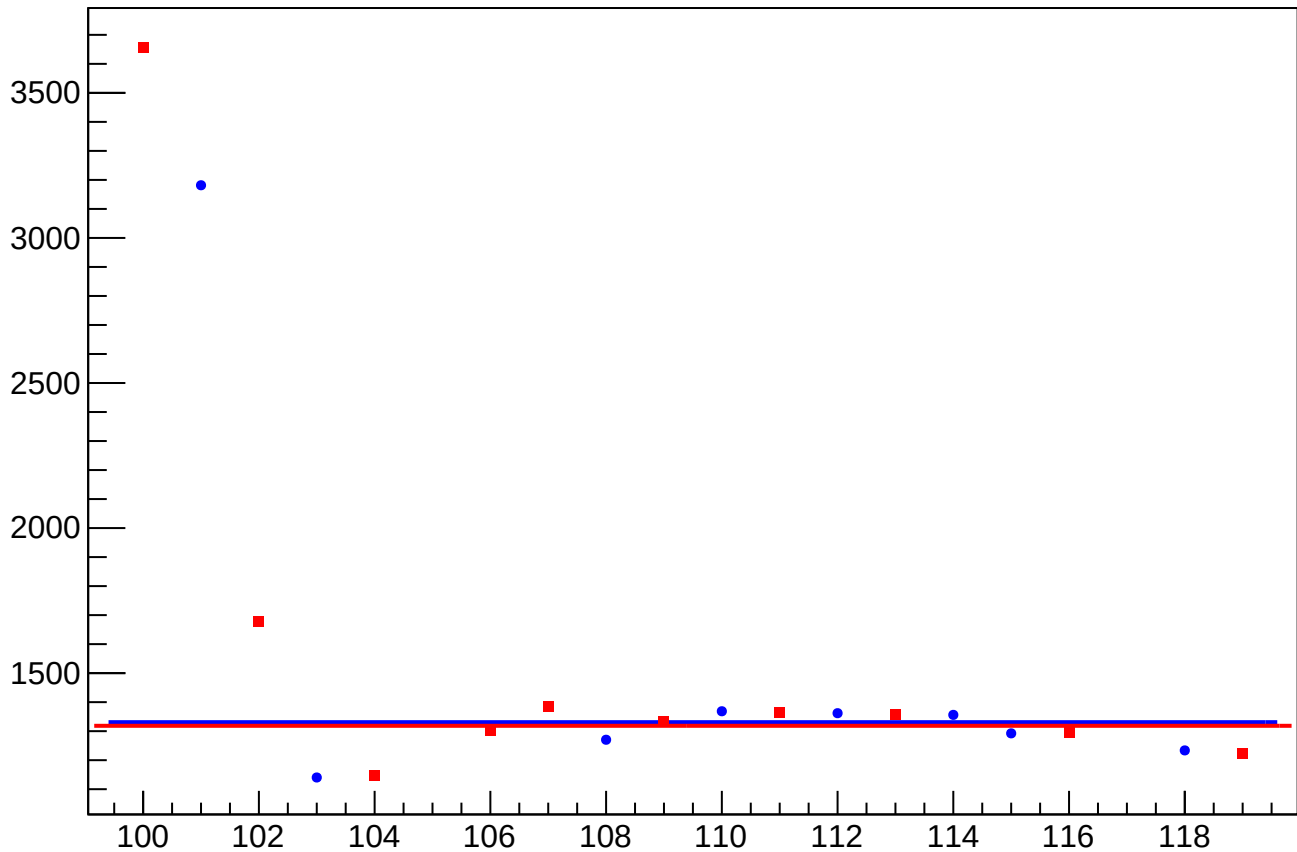
Right: -748.030+/-504.603 χ^2/NDF : 13.5/17

In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.030+/-504.603 χ^2/NDF : 13.5/17

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

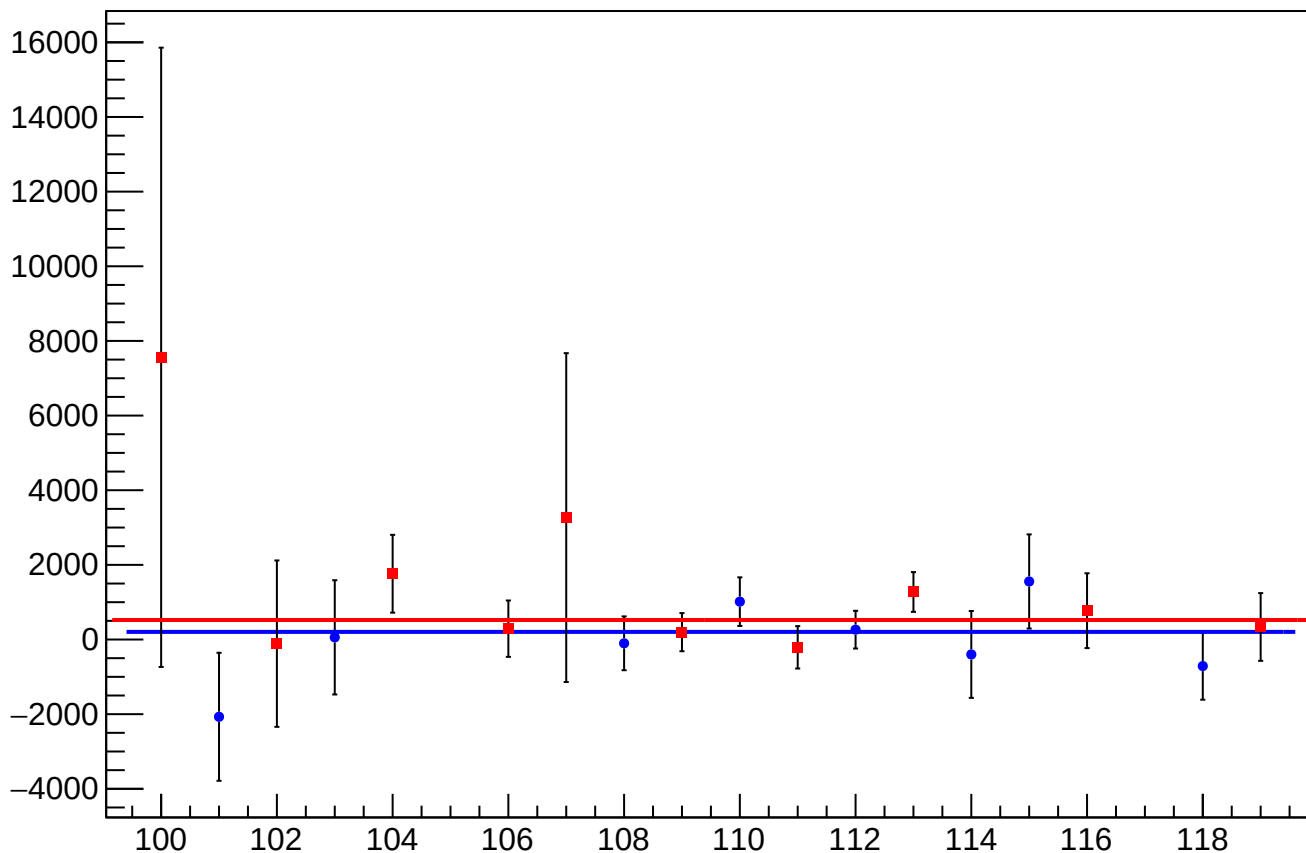
Right: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

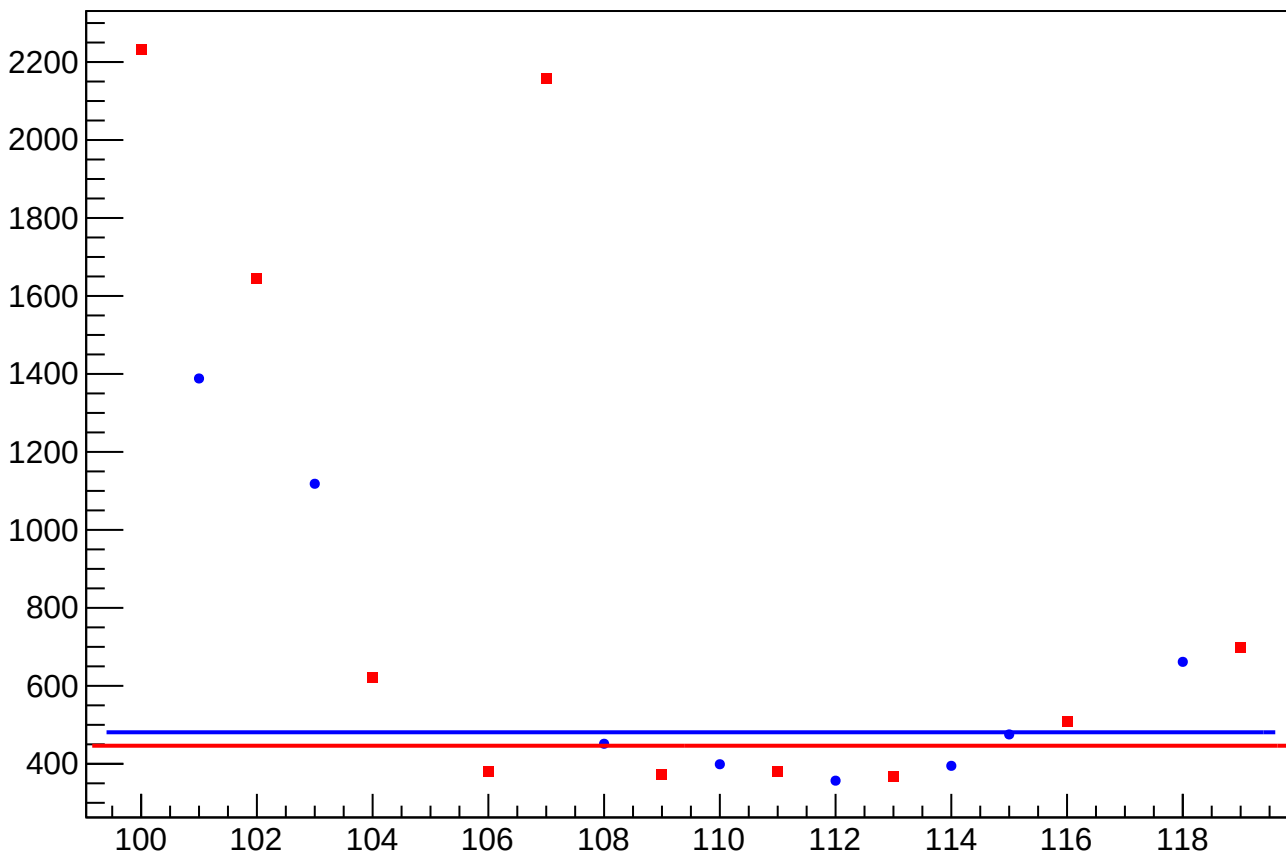
Right: 387.146+/-191.837 χ^2/NDF : 13.5/17

In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.146+/-191.837 χ^2/NDF : 13.5/17

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

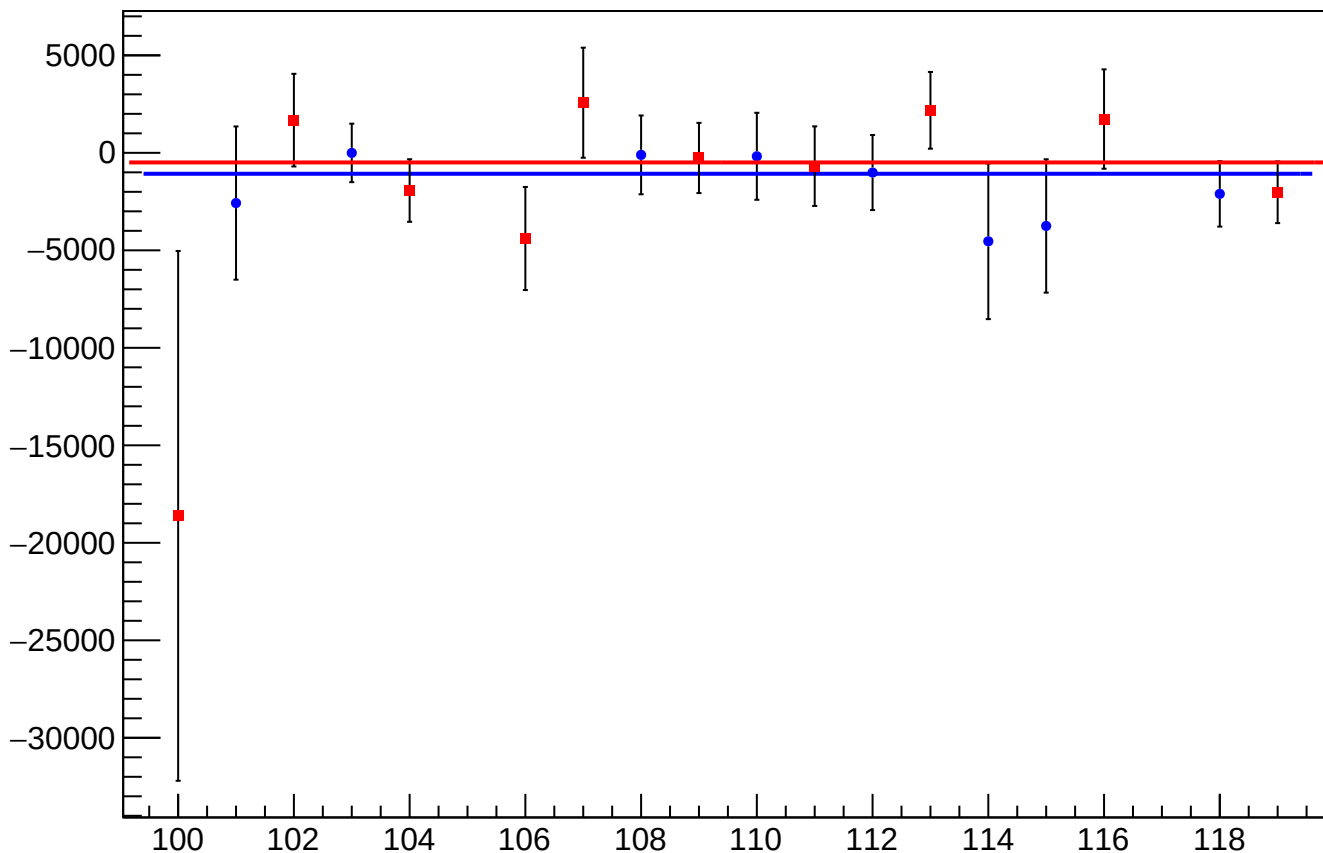
Right: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -492.259+/-674.299 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

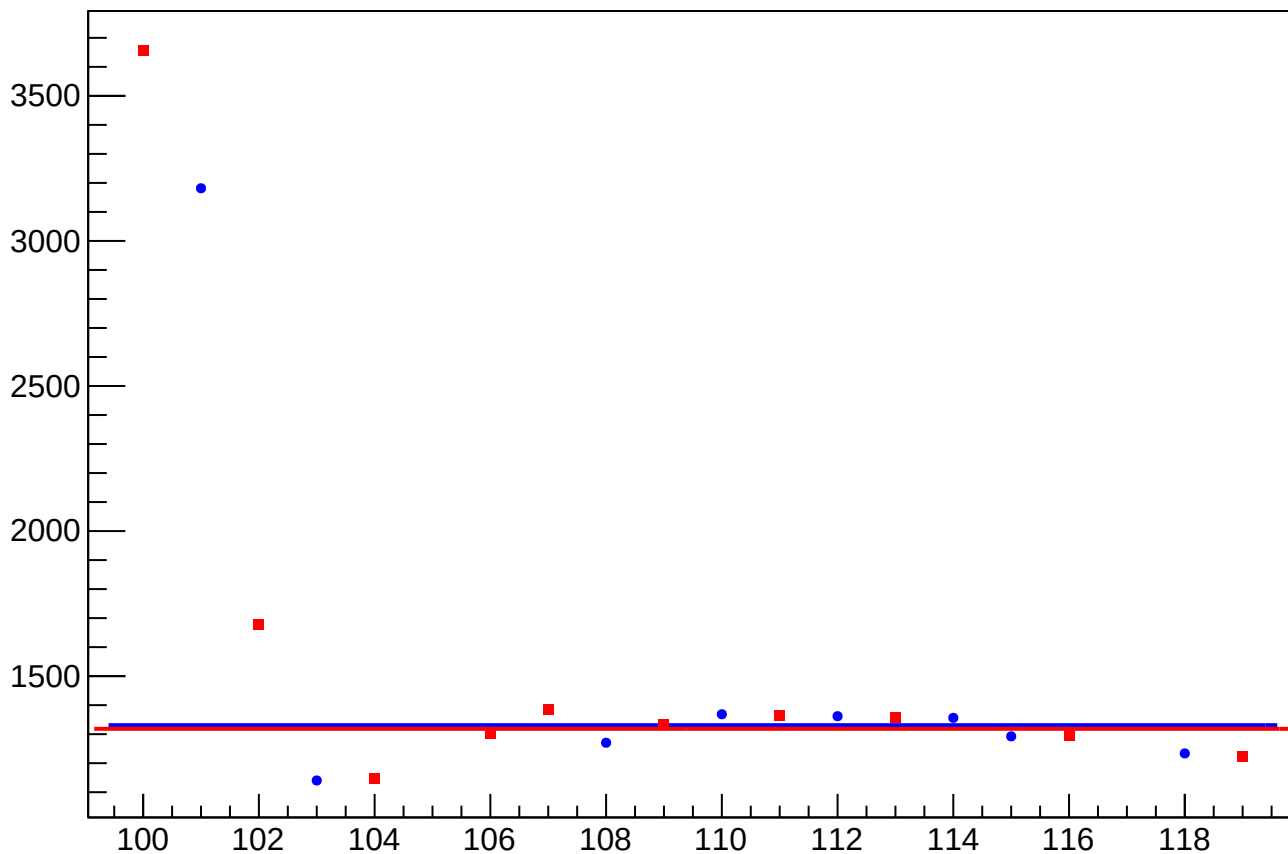
Right: -748.030+/-504.603 χ^2/NDF : 13.5/17

In: -1073.568+/-760.725 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.030+/-504.603 χ^2/NDF : 13.5/17

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.481+/-0.477 χ^2/NDF : 137799.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

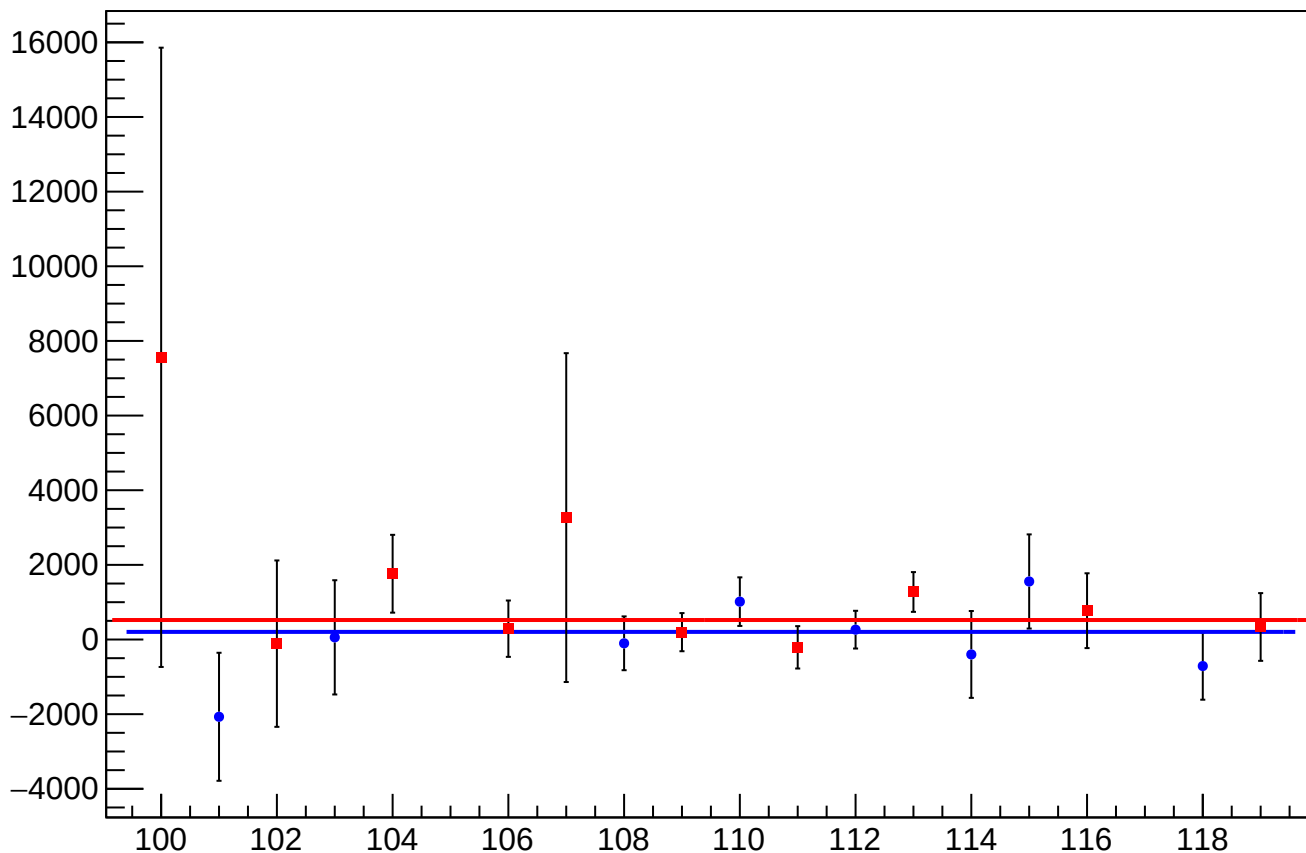
Right: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

In: 1331.009+/-0.538 χ^2/NDF : 486013.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.993+/-0.357 χ^2/NDF : 624116.2/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 204.307+/-294.088 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 522.569+/-253.099 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

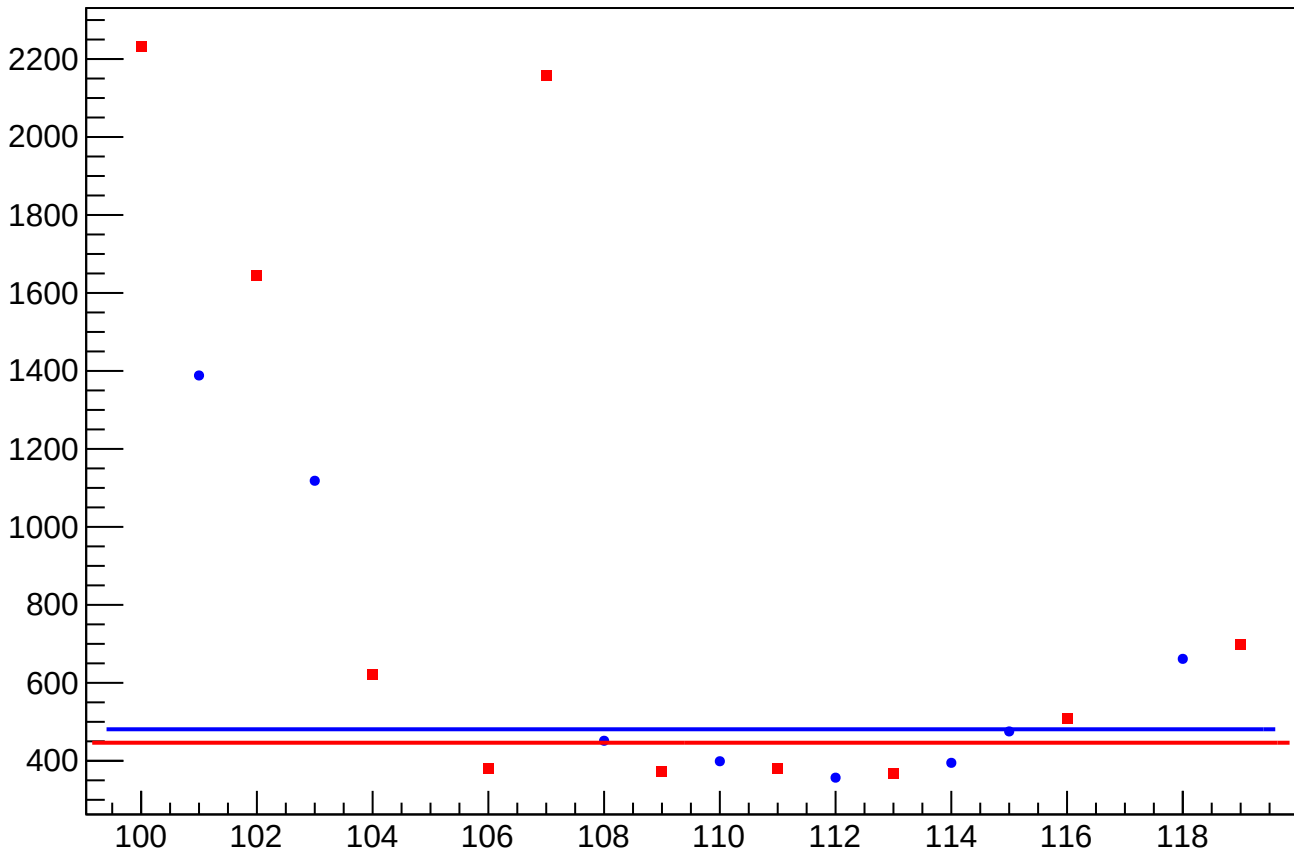
Right: 387.146+/-191.837 χ^2/NDF : 13.5/17

In: 204.307+/-294.088 χ^2/NDF :6.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 387.146+/-191.837 χ^2/NDF : 13.5/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.427+/-0.179 χ^2/NDF : 1322258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

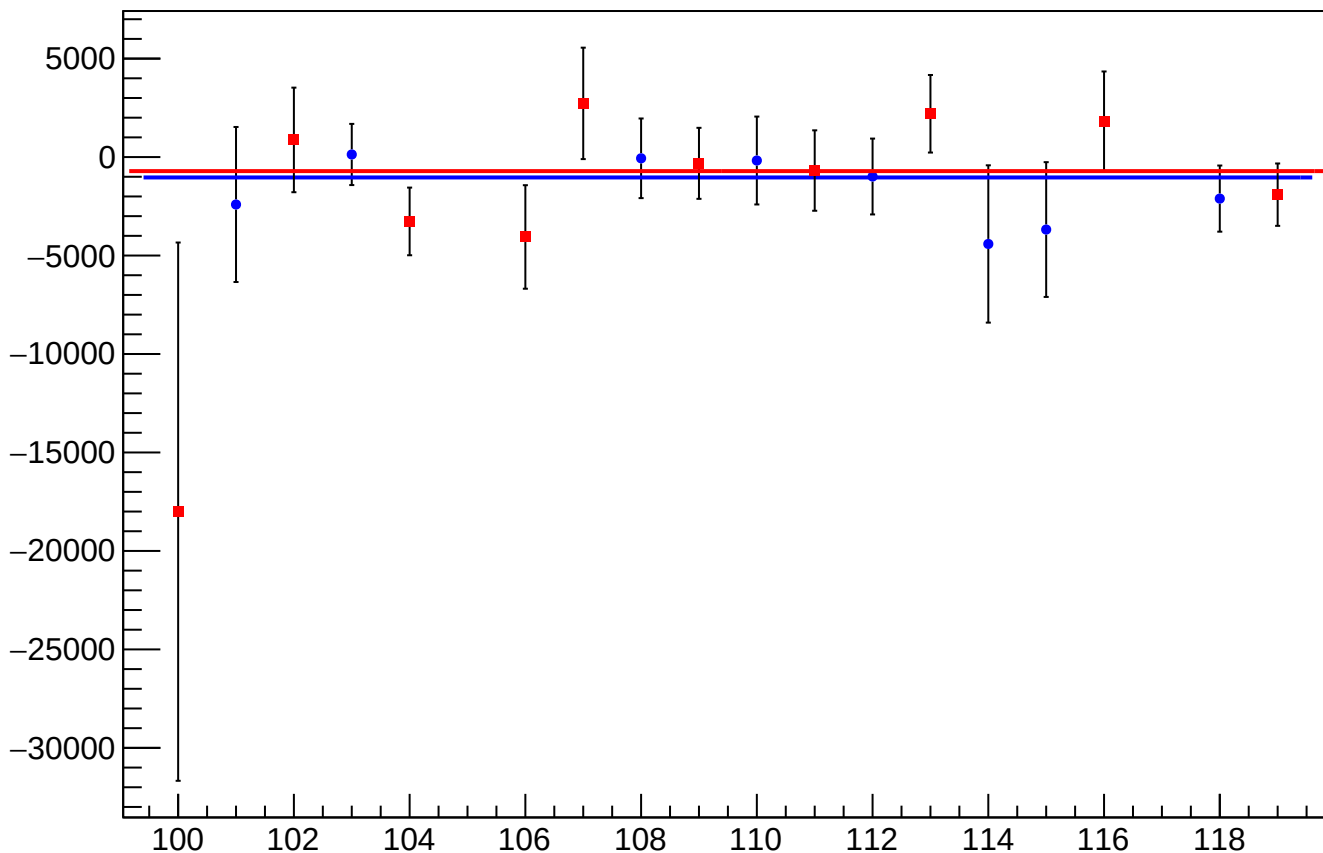
Right: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

In: 480.925+/-0.208 χ^2/NDF : 1153672.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.106+/-0.136 χ^2/NDF : 2491741.2/17

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1034.889+/-767.690 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.913+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

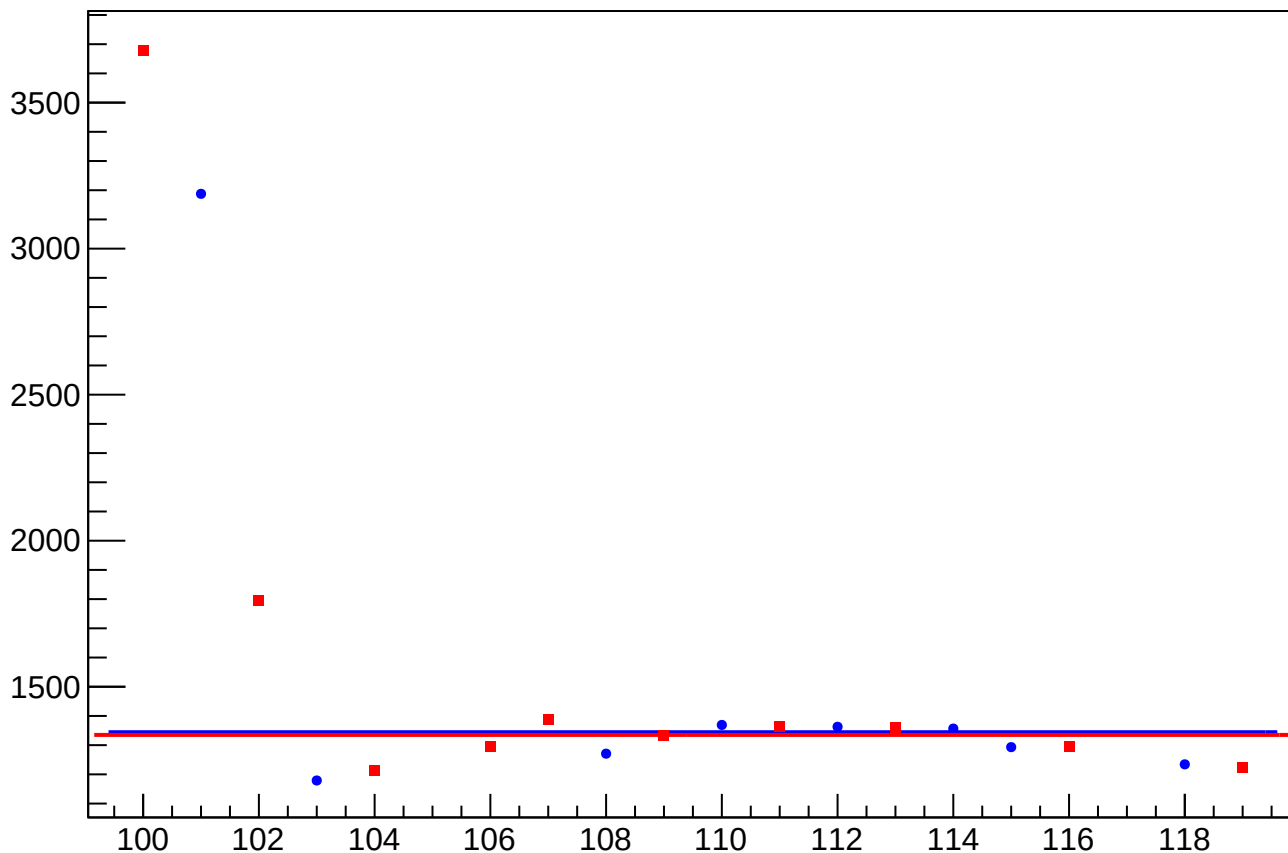
Right: -856.286+/-512.281 χ^2/NDF : 13.9/17

In: -1034.889+/-767.690 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -856.286+/-512.281 χ^2/NDF : 13.9/17

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1344.263+/-0.543 χ^2/NDF : 473389.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

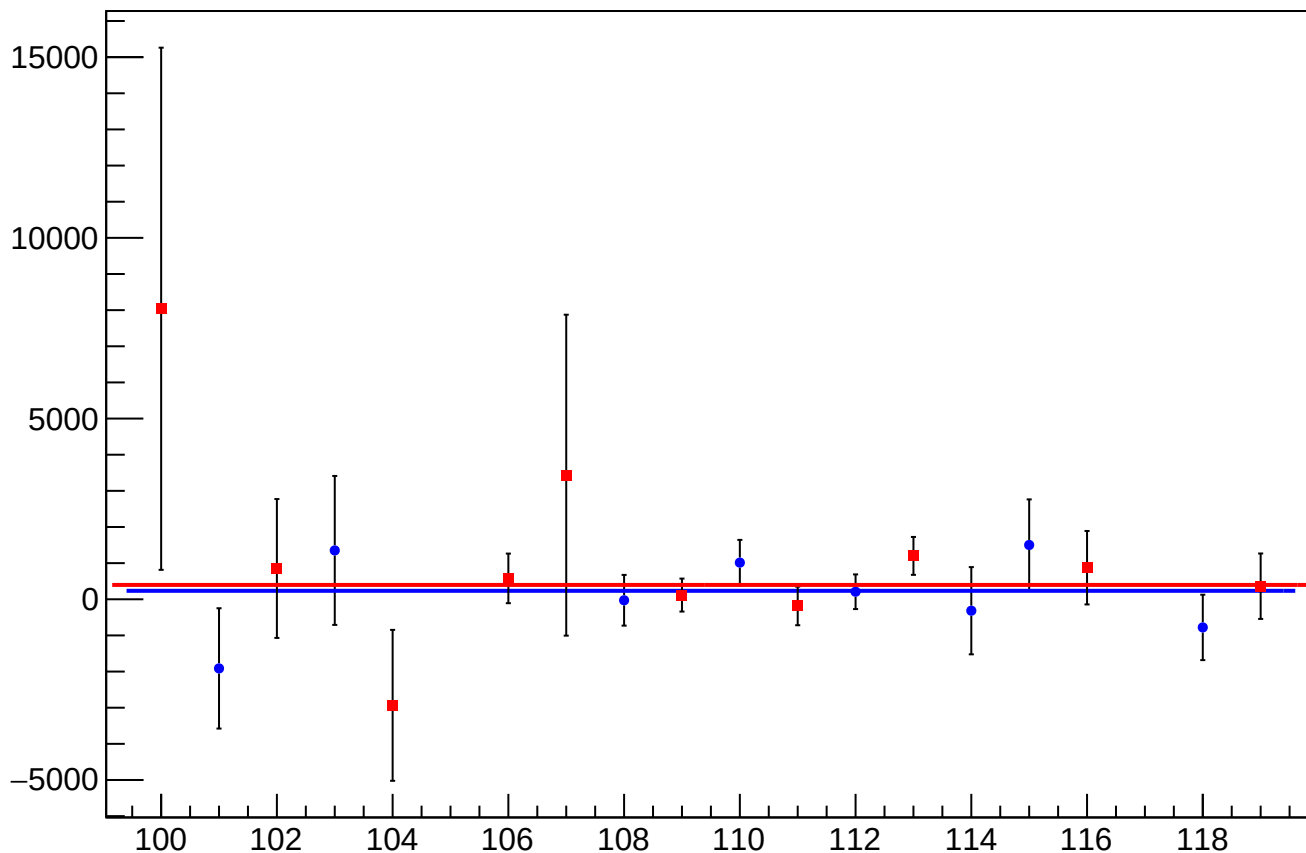
Right: 1339.158+/-0.362 χ^2/NDF : 614705.3/17

In: 1344.263+/-0.543 χ^2/NDF : 473389.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.158+/-0.362 χ^2/NDF : 614705.3/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.126+/-288.247 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.178+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

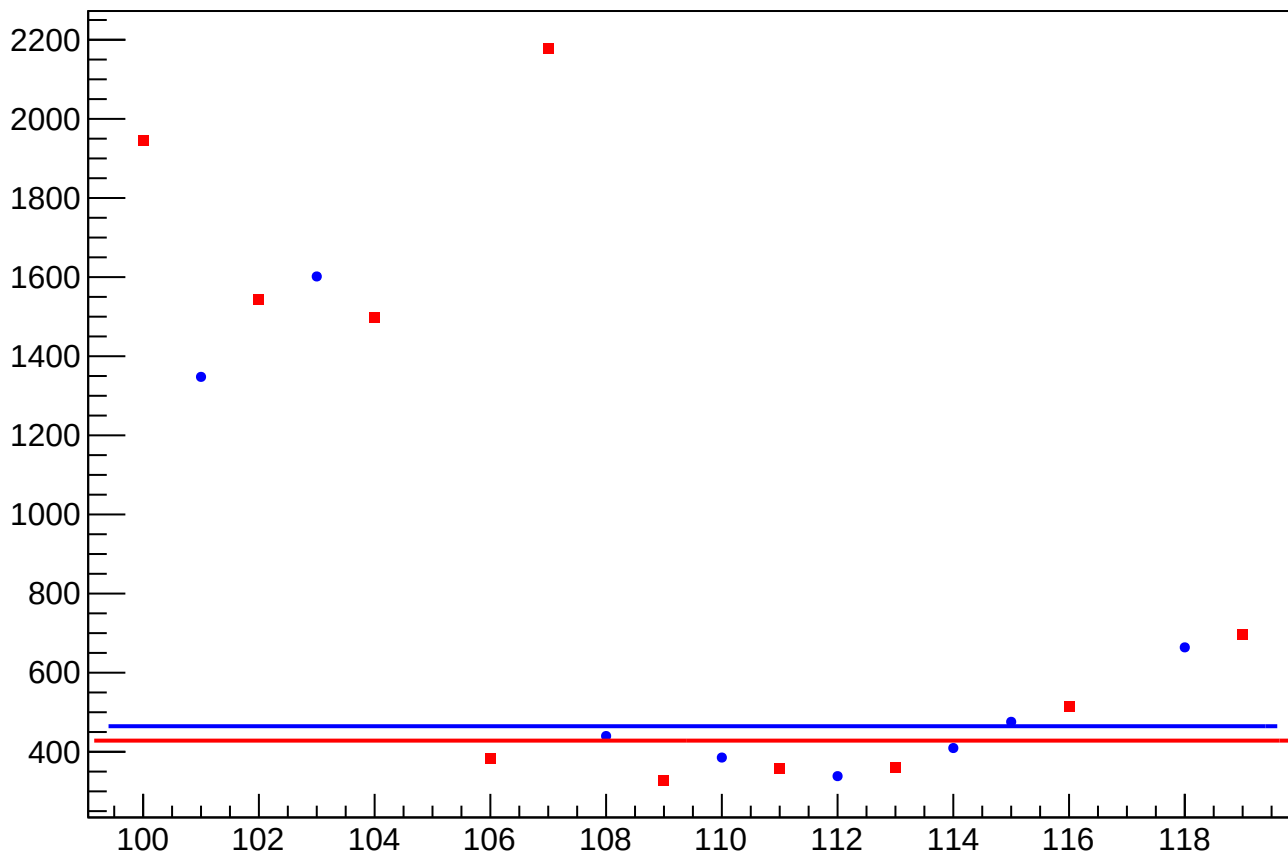
Right: 329.177+/-186.149 χ^2/NDF : 14.7/17

In: 234.126+/-288.247 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.177+/-186.149 χ^2/NDF : 14.7/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 464.680+/-0.204 χ^2/NDF : 1445937.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.276+/-0.172 χ^2/NDF : 1964489.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

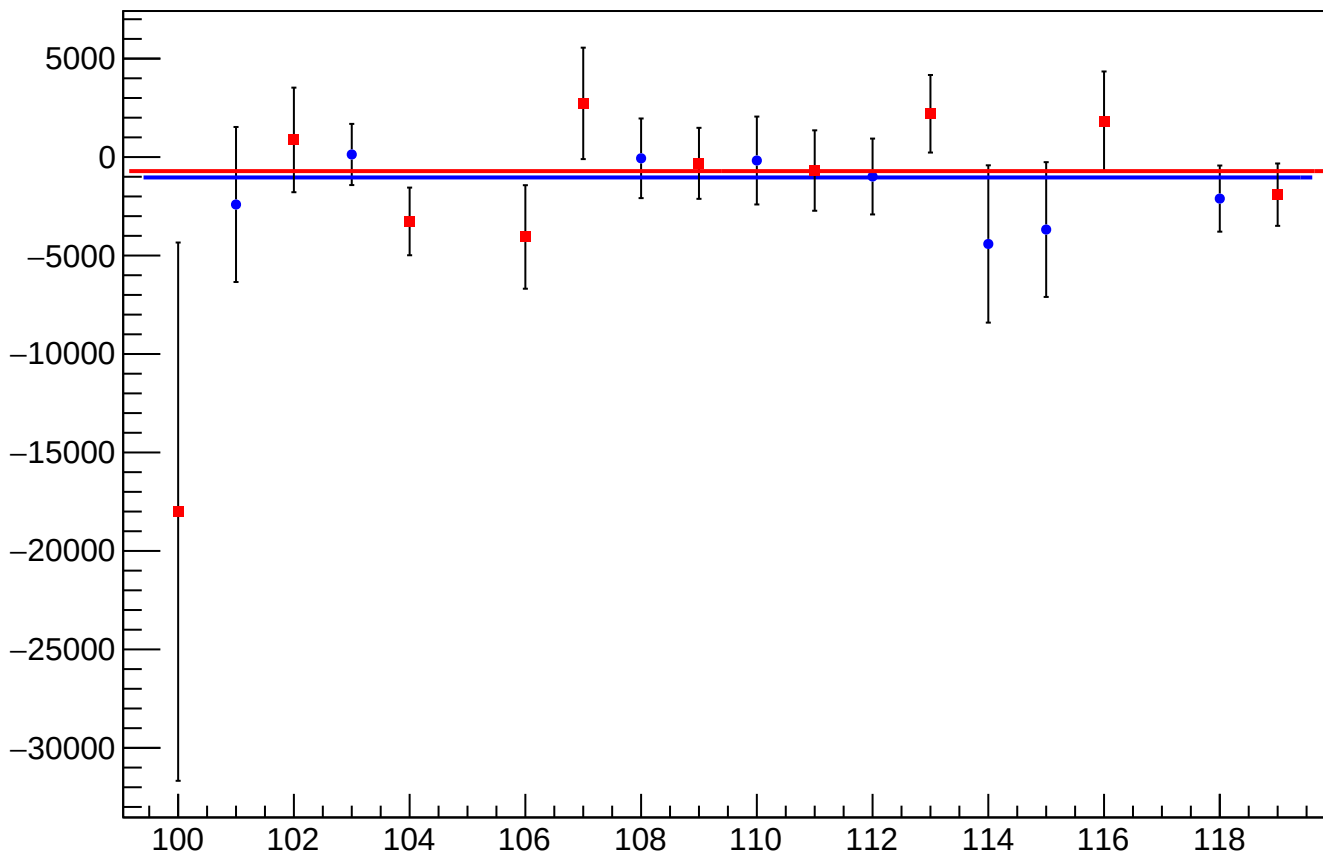
Right: 443.458+/-0.132 χ^2/NDF : 3429023.8/17

In: 464.680+/-0.204 χ^2/NDF : 1445937.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.458+/-0.132 χ^2/NDF : 3429023.8/17

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1034.887+/-767.690 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -712.914+/-687.821 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

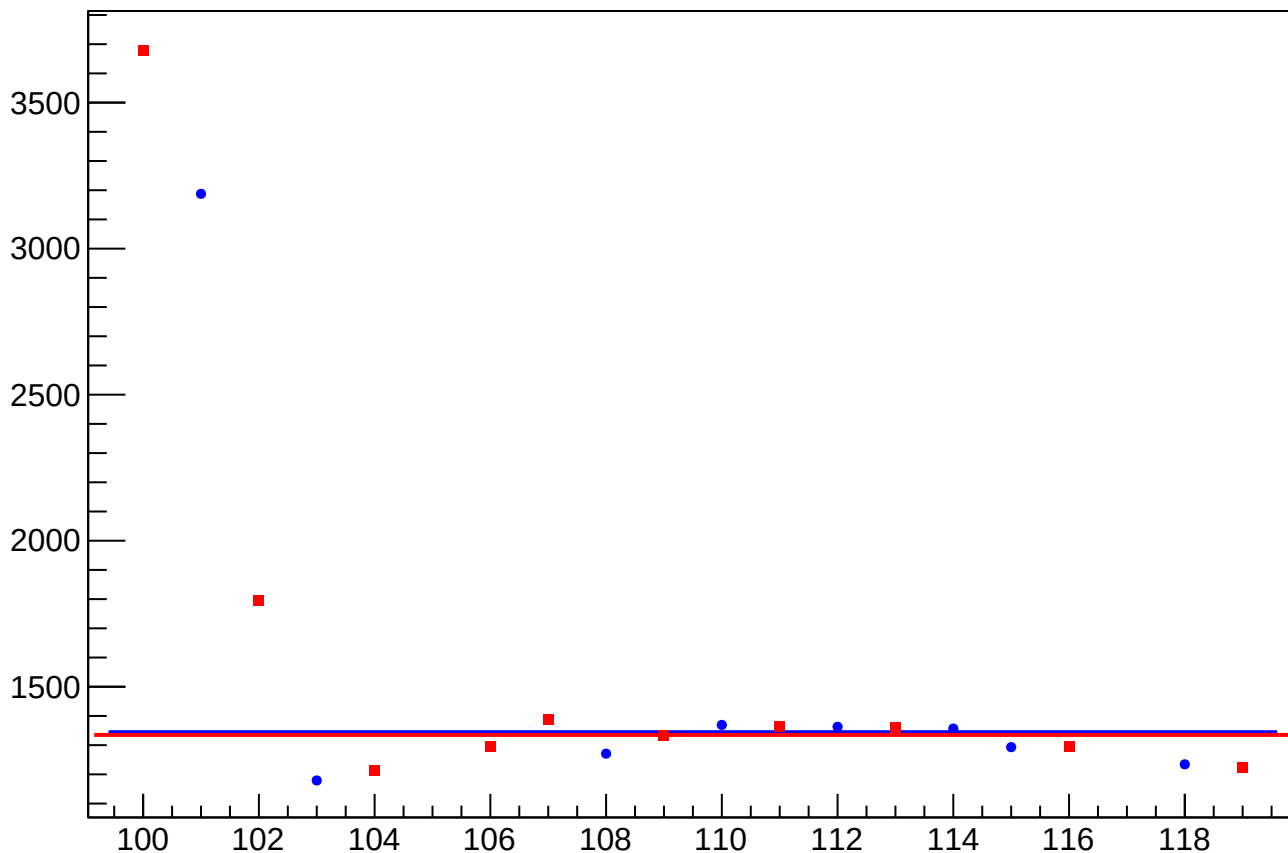
Right: -856.285+/-512.281 χ^2/NDF : 13.9/17

In: -1034.887+/-767.690 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -856.285+/-512.281 χ^2/NDF : 13.9/17

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1344.263+/-0.543 χ^2/NDF : 473389.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.059+/-0.486 χ^2/NDF : 141156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

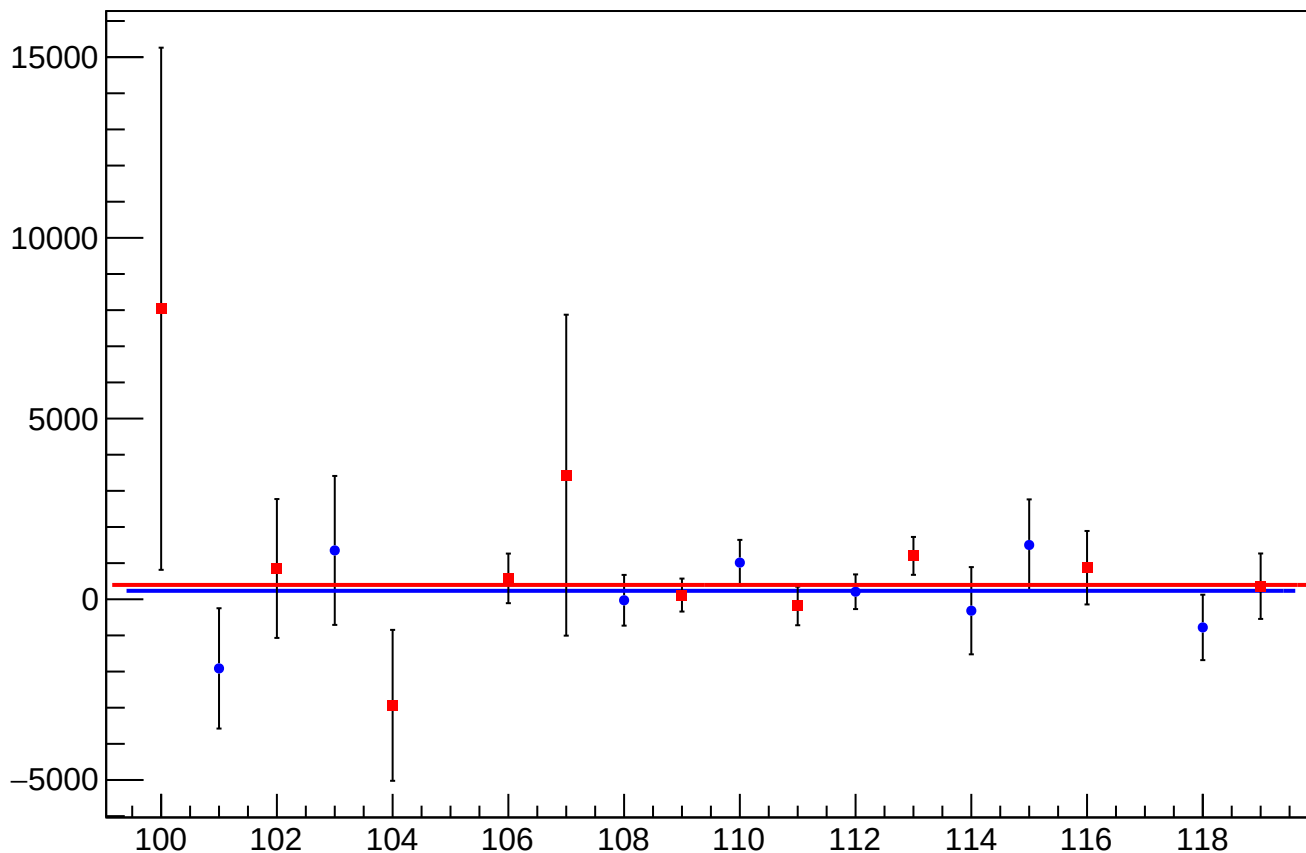
Right: 1339.158+/-0.362 χ^2/NDF : 614705.2/17

In: 1344.263+/-0.543 χ^2/NDF : 473389.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1339.158+/-0.362 χ^2/NDF : 614705.2/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 234.126+/-288.246 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.177+/-243.806 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

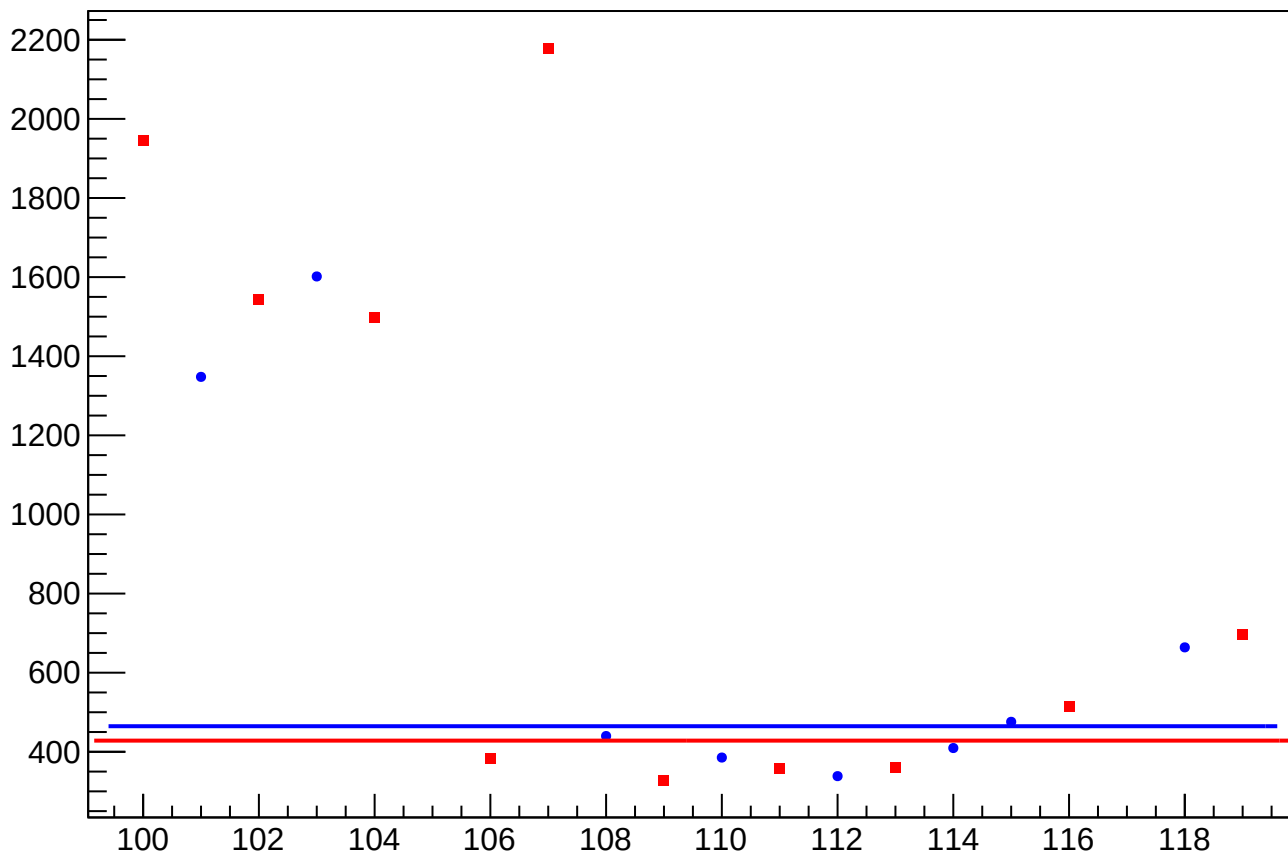
Right: 329.176+/-186.148 χ^2/NDF : 14.7/17

In: 234.126+/-288.246 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.176+/-186.148 χ^2/NDF : 14.7/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 464.677+/-0.204 χ^2/NDF : 1445943.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 428.274+/-0.172 χ^2/NDF : 1964499.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

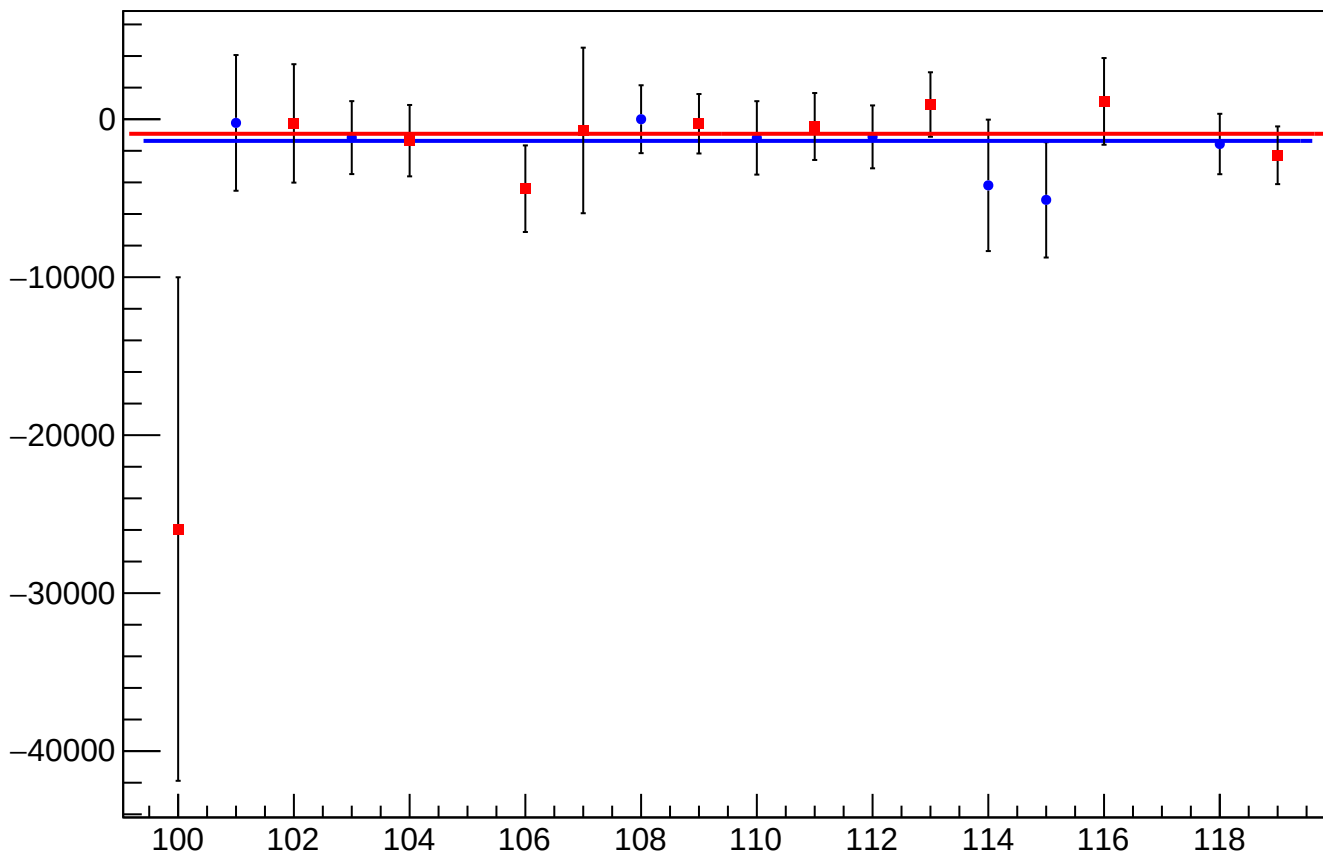
Right: 443.456+/-0.132 χ^2/NDF : 3429038.9/17

In: 464.677+/-0.204 χ^2/NDF : 1445943.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.456+/-0.132 χ^2/NDF : 3429038.9/17

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -1372.007+/-876.328 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -922.444+/-786.069 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

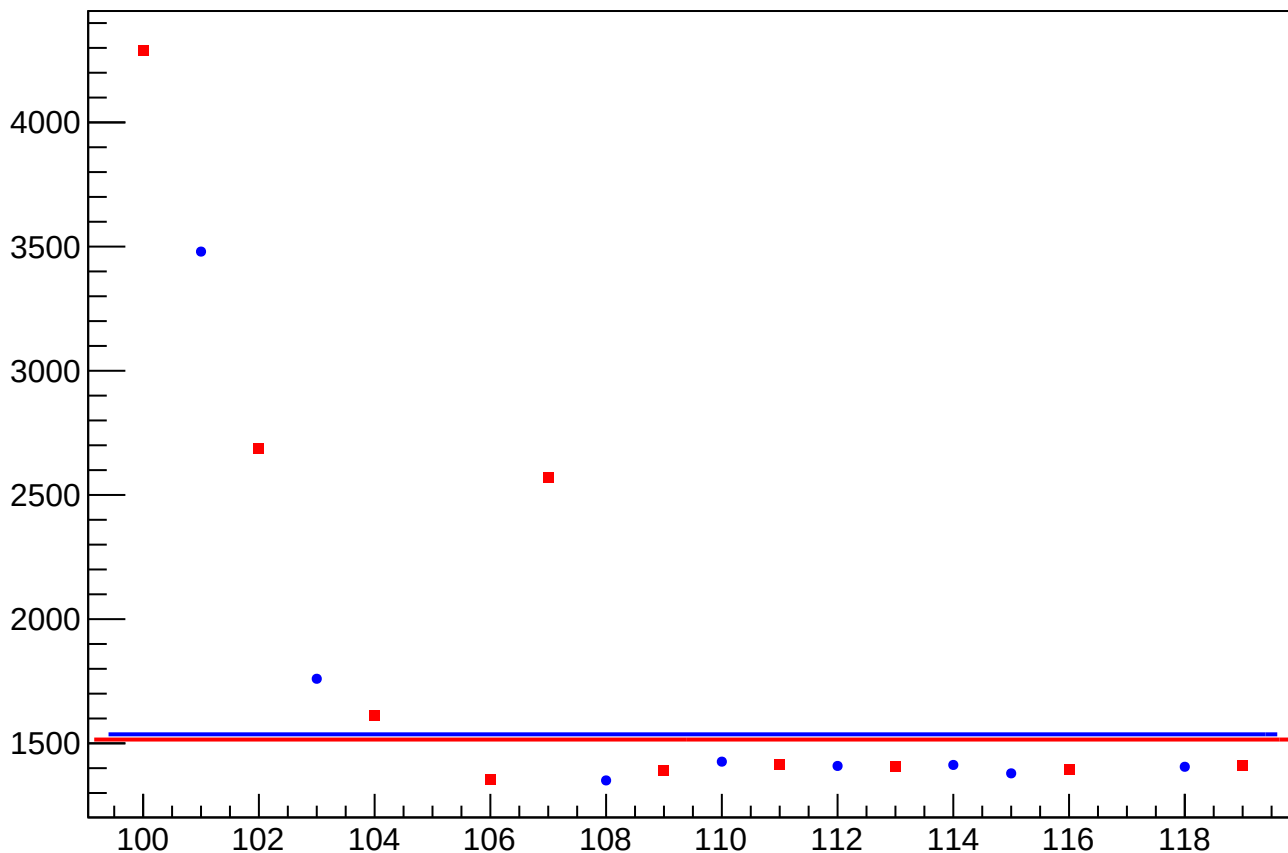
Right: -1122.888+/-585.152 χ^2/NDF : 8.4/17

In: -1372.007+/-876.328 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1122.888+/-585.152 χ^2/NDF : 8.4/17

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1536.228+/-0.620 χ^2/NDF : 470629.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.224+/-0.556 χ^2/NDF : 376520.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

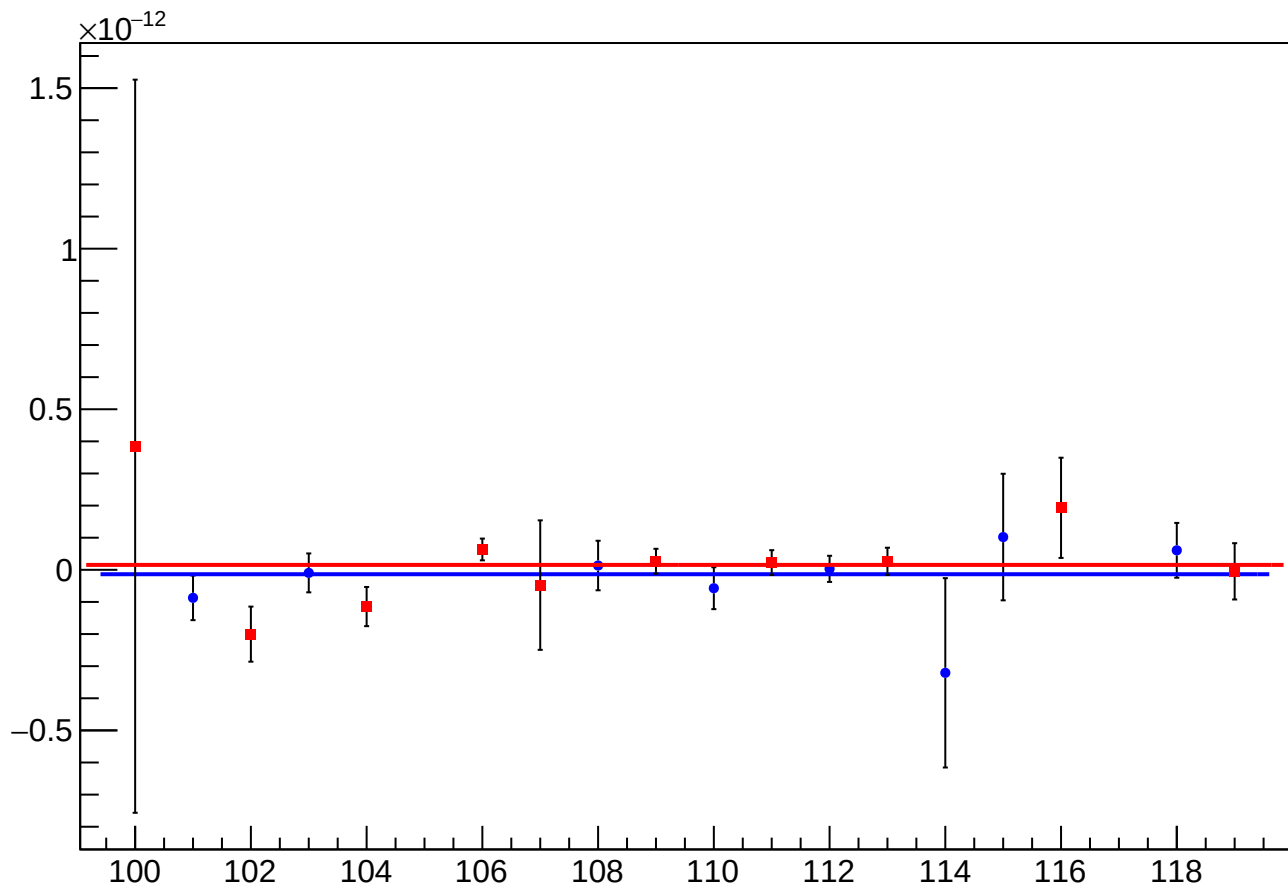
Right: 1524.589+/-0.414 χ^2/NDF : 847787.2/17

In: 1536.228+/-0.620 χ^2/NDF : 470629.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.589+/-0.414 χ^2/NDF : 847787.2/17

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_Sign_Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

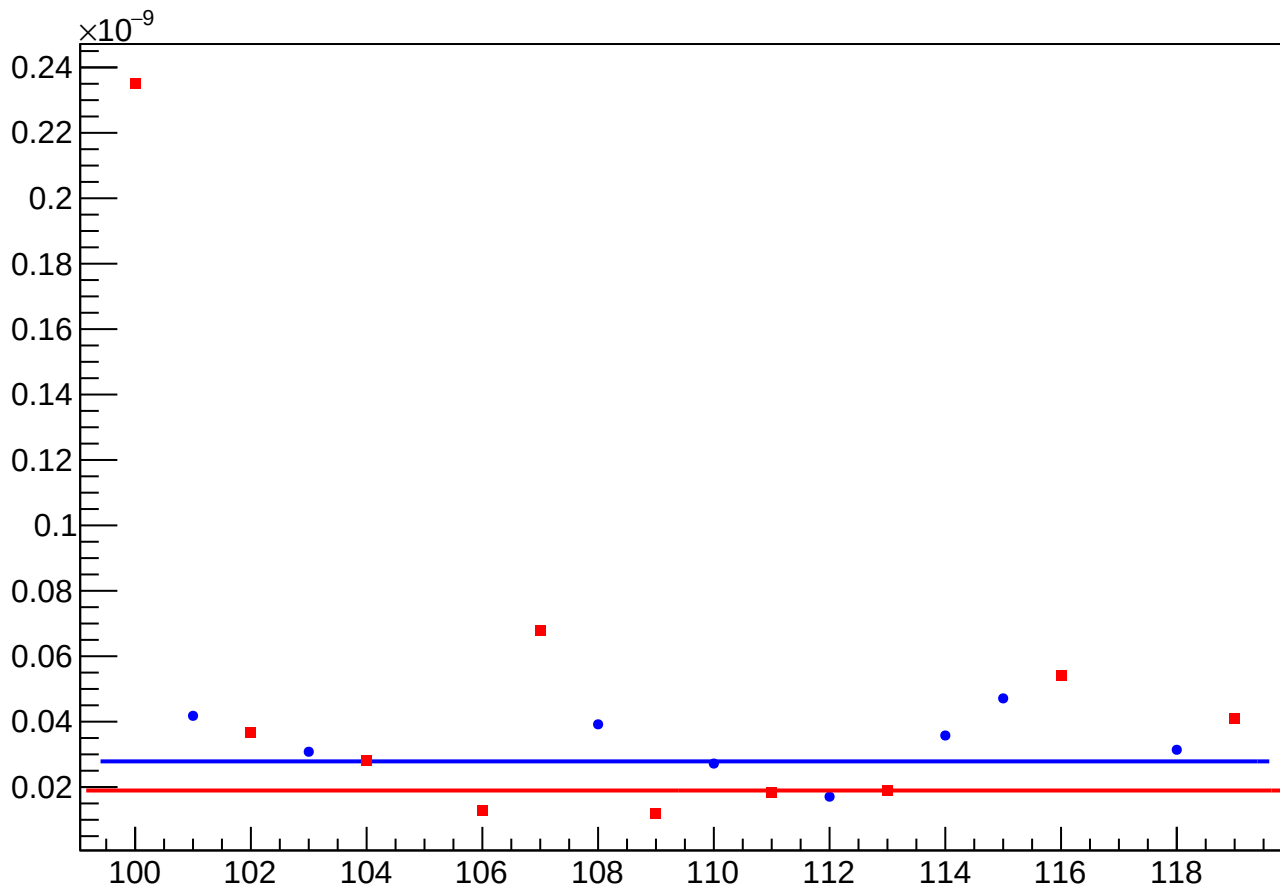
Right: 0.000+/-0.000 χ^2/NDF : 19.6/17

In: -0.000+/-0.000 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/17

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 292980.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683711.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

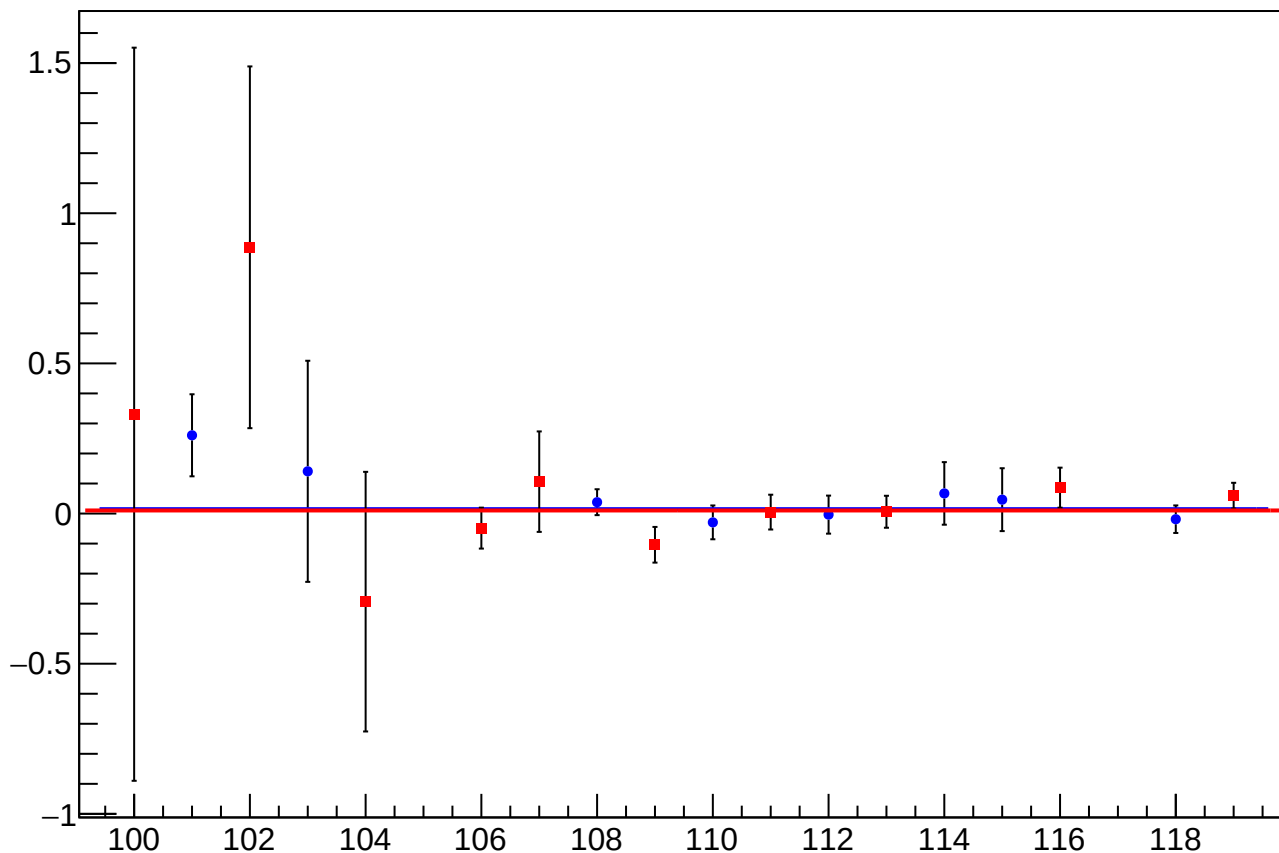
Right: 0.000+/-0.000 χ^2/NDF : 1153181.0/17

In: 0.000+/-0.000 χ^2/NDF : 292980.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1153181.0/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

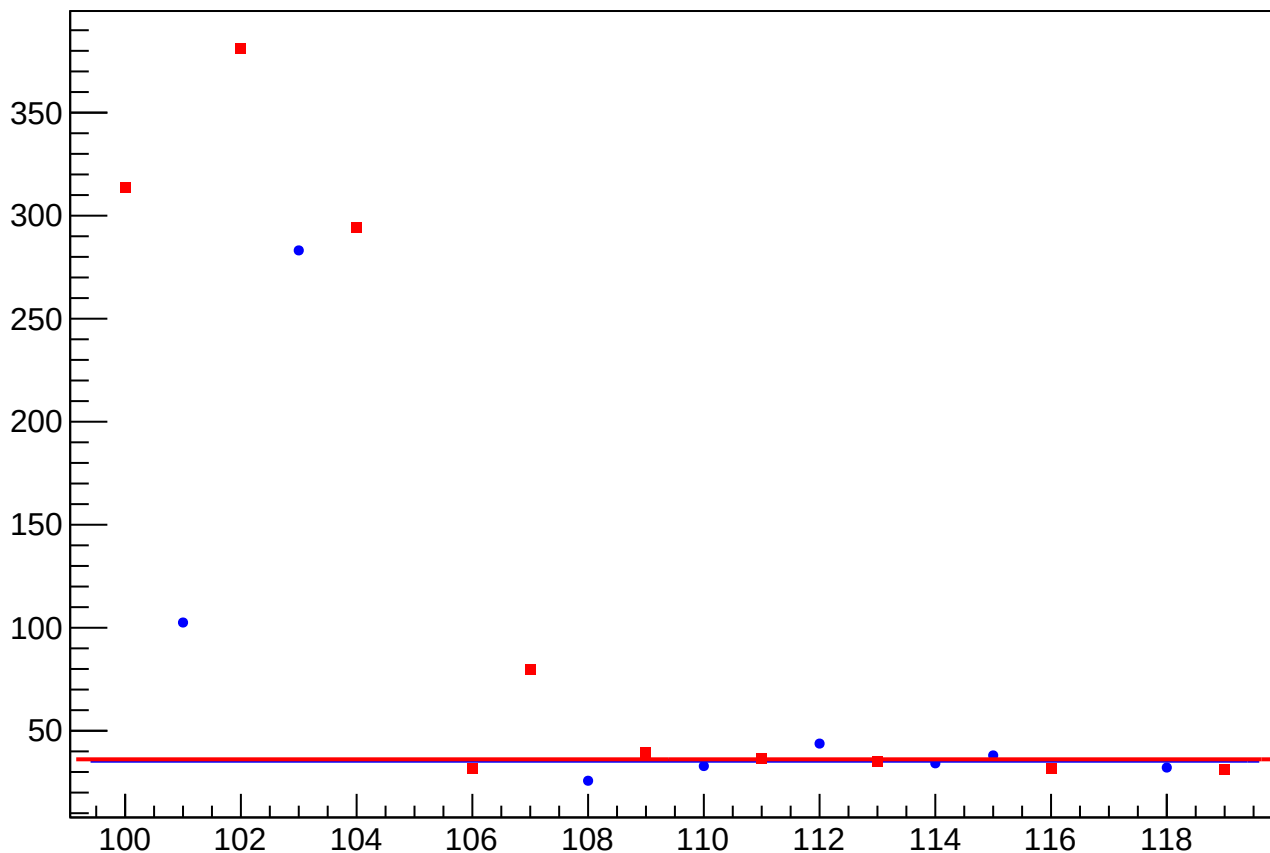
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_Slug, Sign Corrected



Right In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

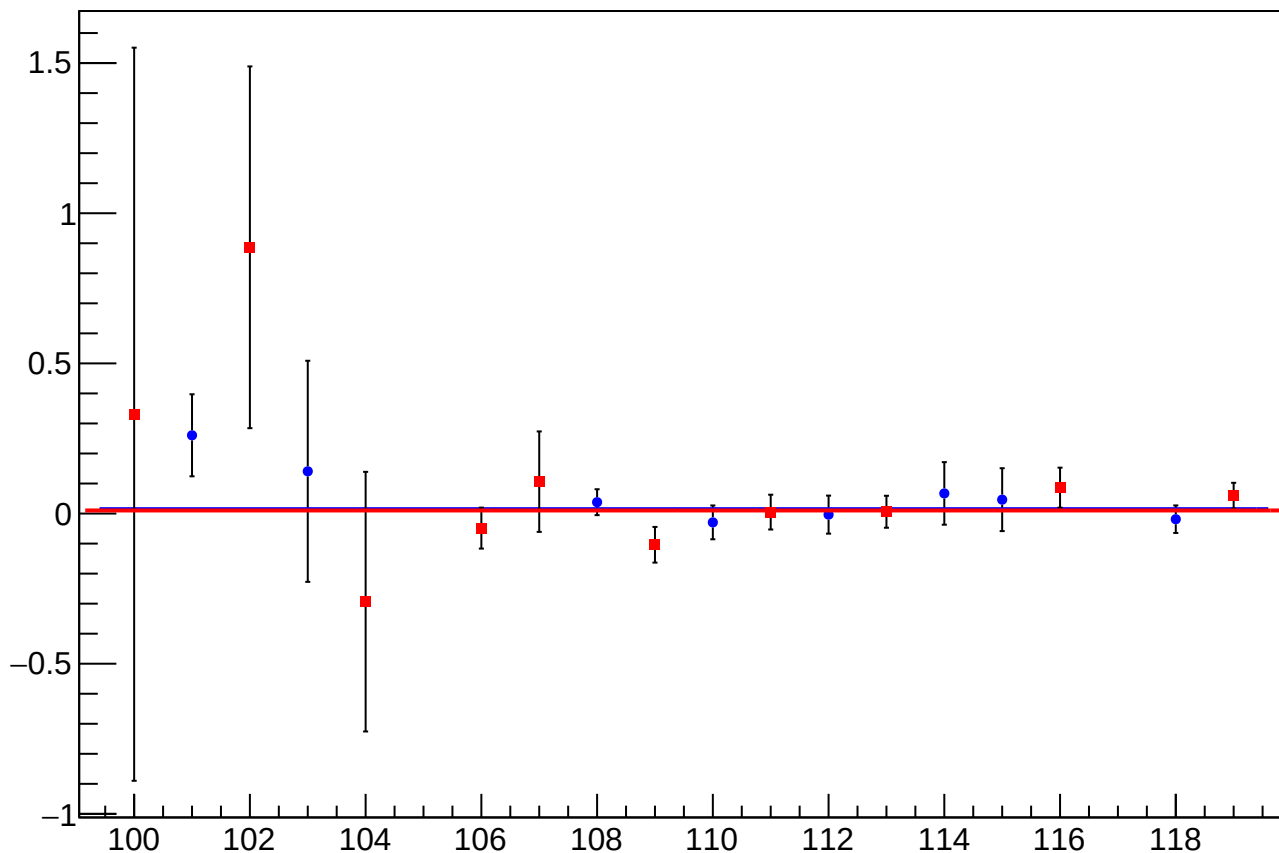
Right: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

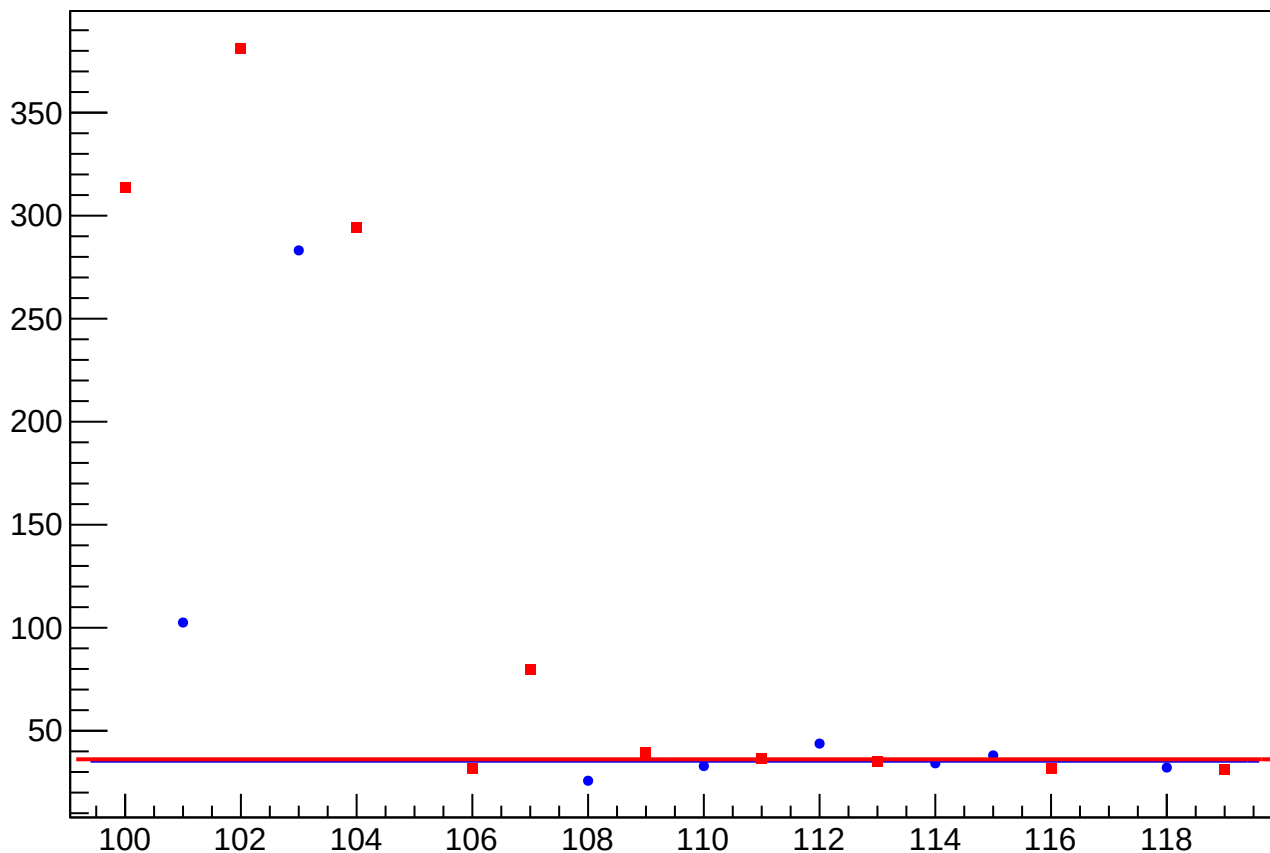
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659955.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

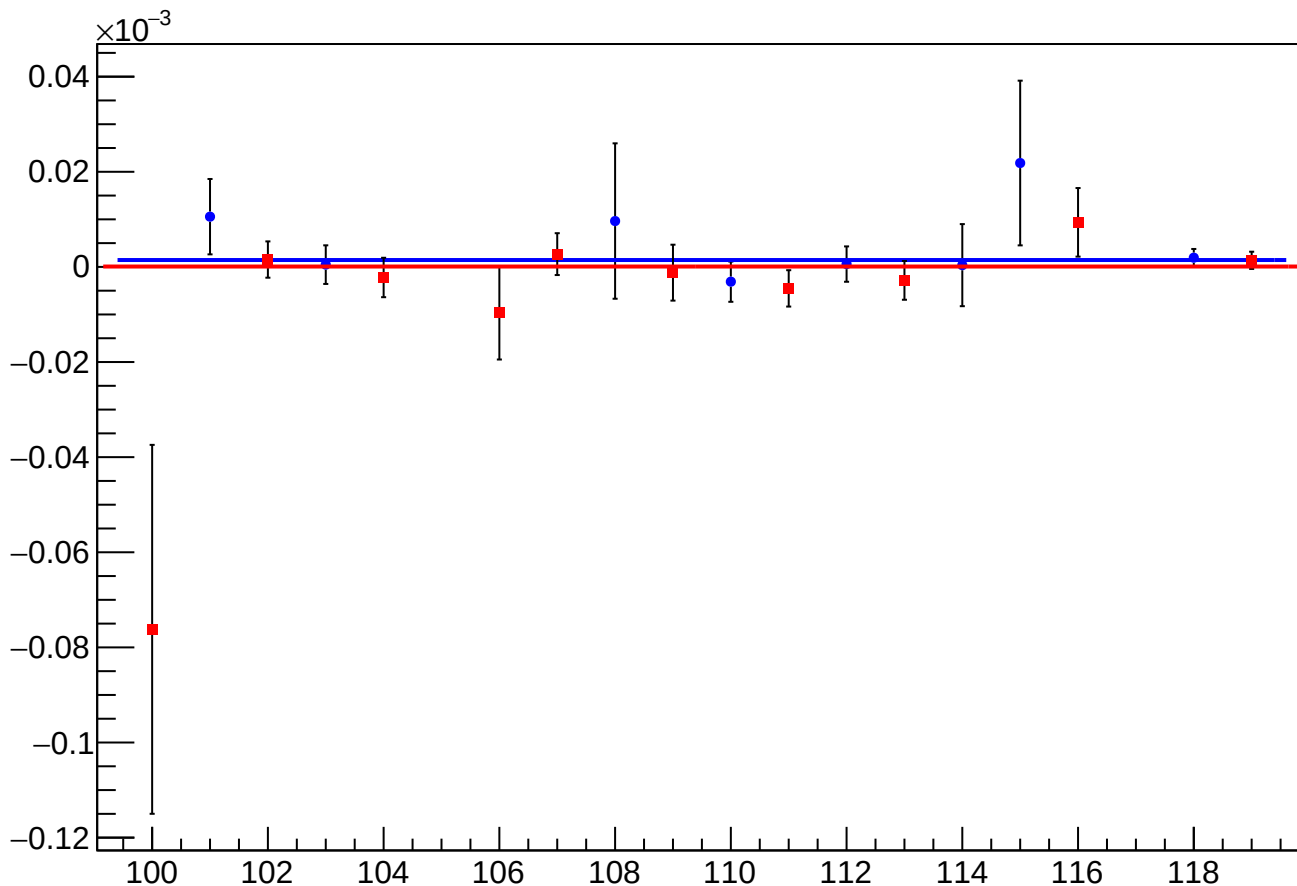
Right: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

In: 35.468+/-0.017 χ^2/NDF : 1539779.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.823+/-0.011 χ^2/NDF : 3200620.6/17

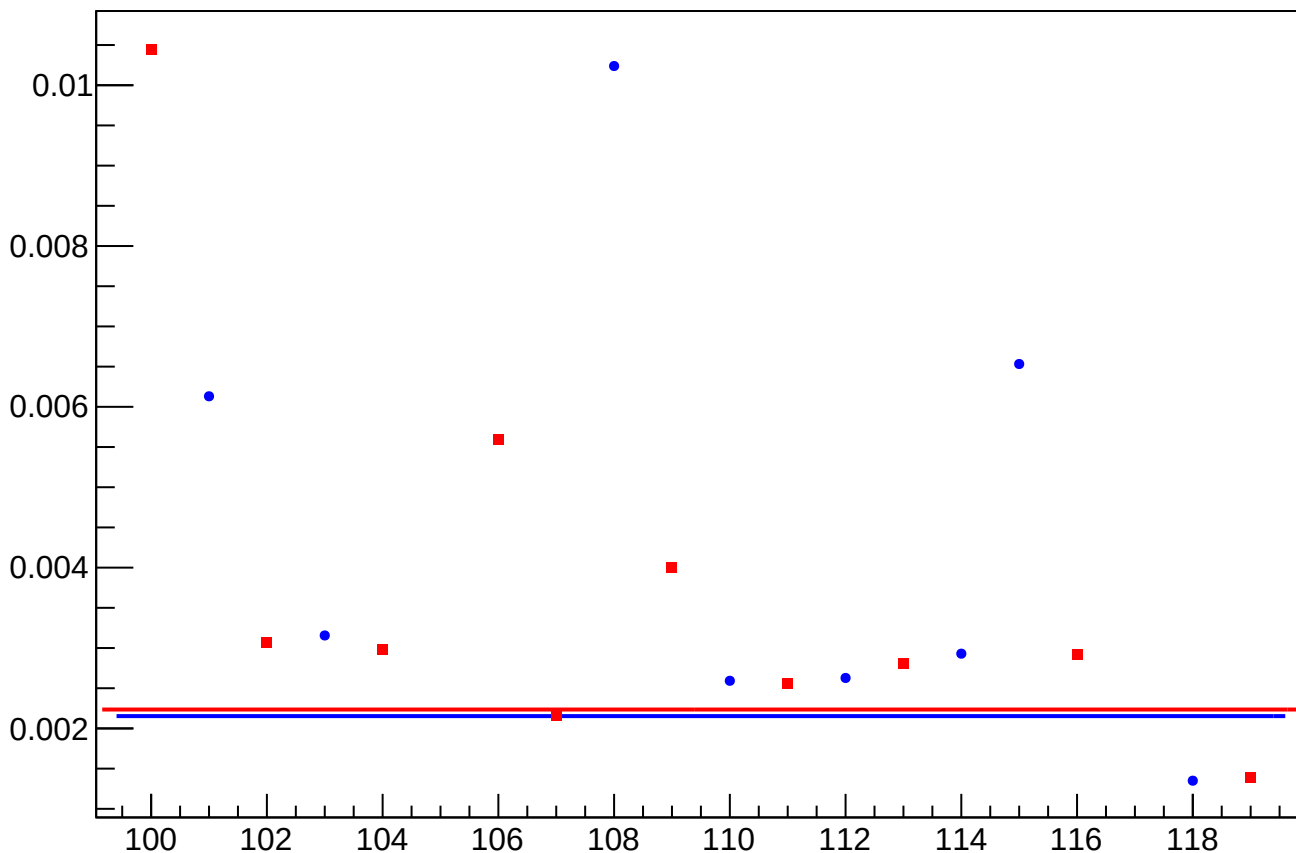
asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.7/17
 In: 0.000+/-0.000 χ^2/NDF : 4.3/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.7/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1697518.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1172900.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

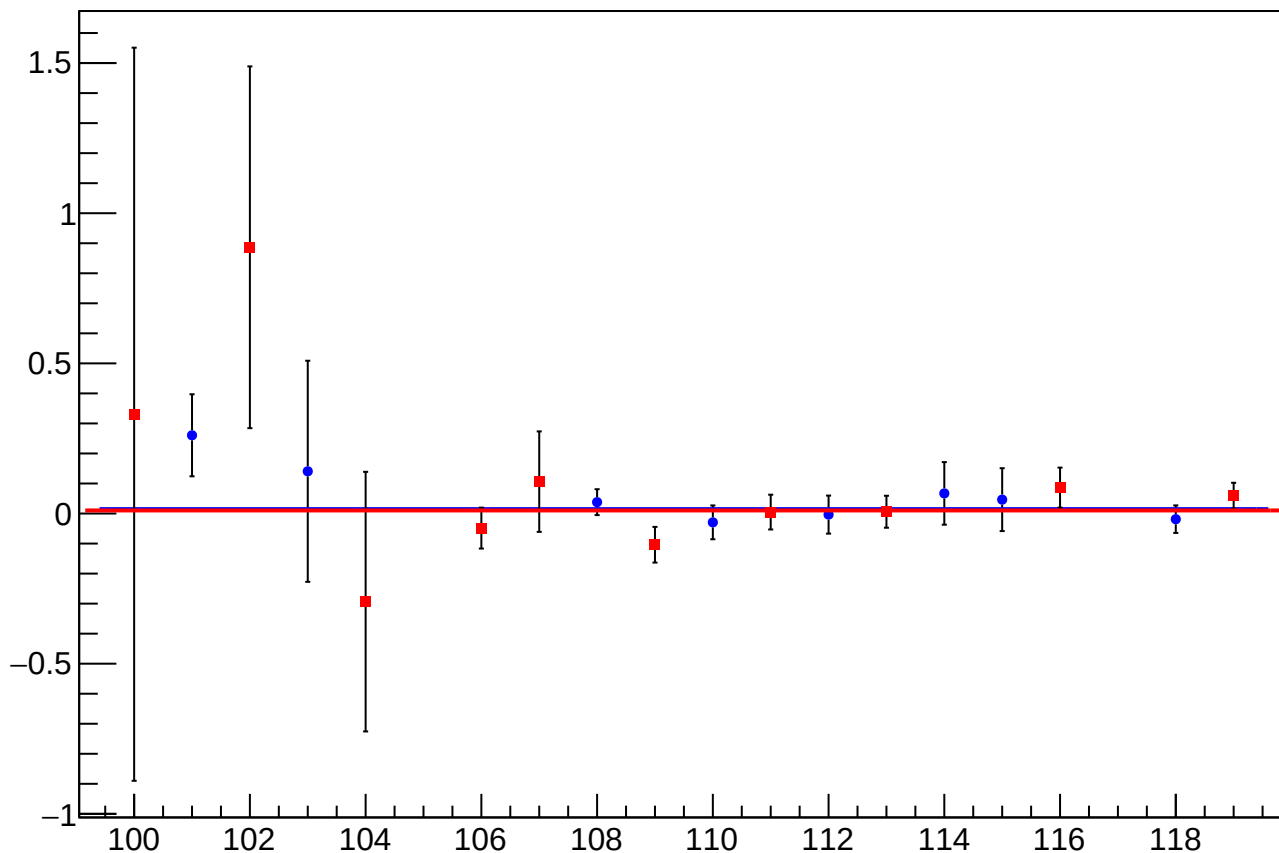
Right: 0.002+/-0.000 χ^2/NDF : 2874361.3/17

In: 0.002+/-0.000 χ^2/NDF :1697518.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2874361.3/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

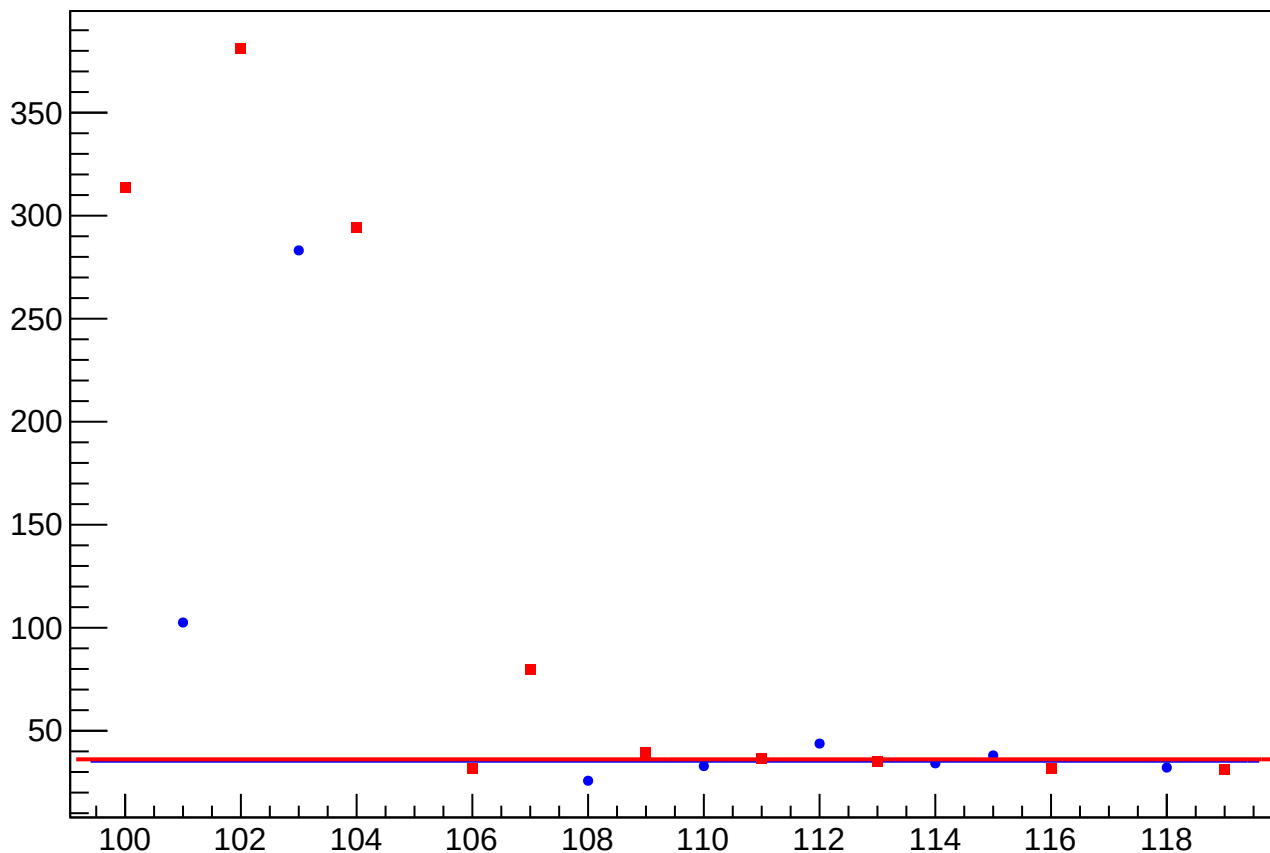
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

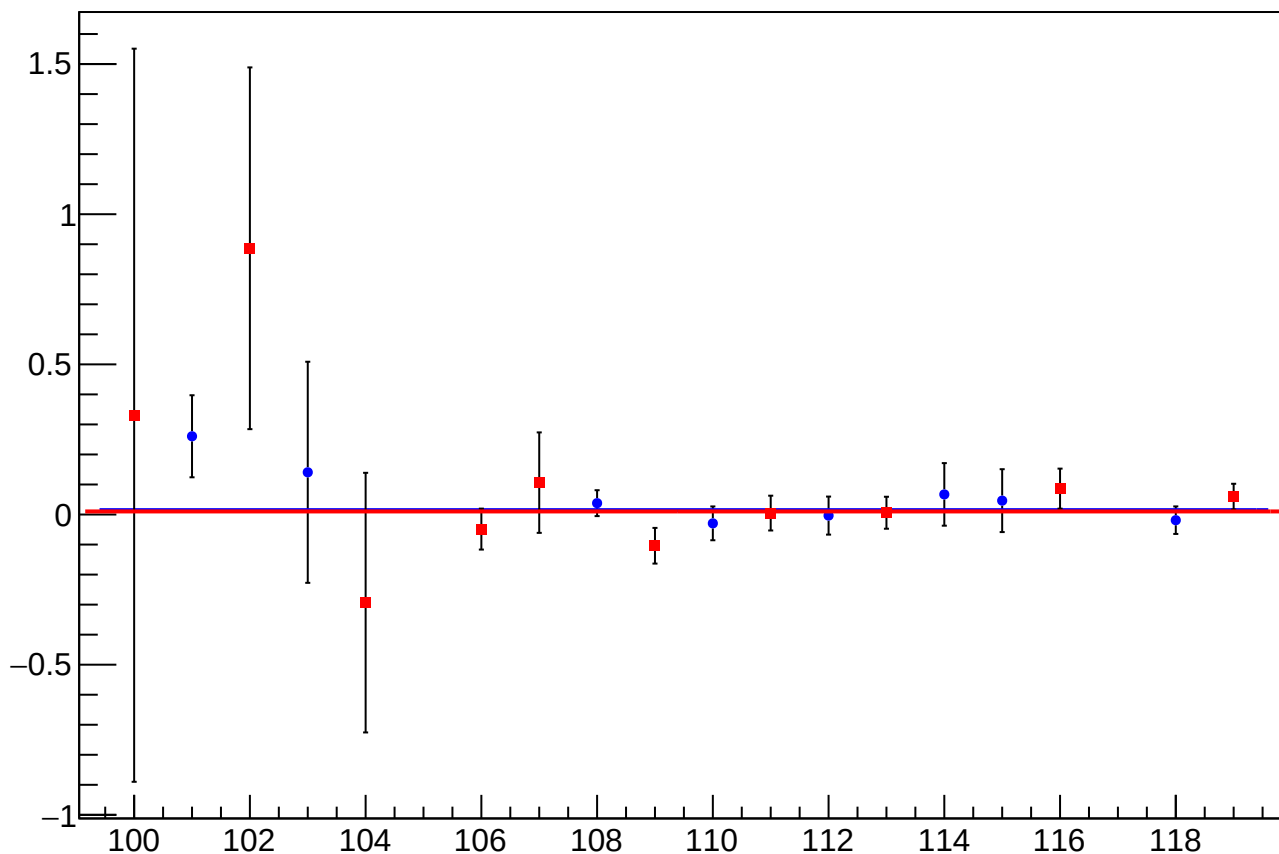
Right: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.023 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

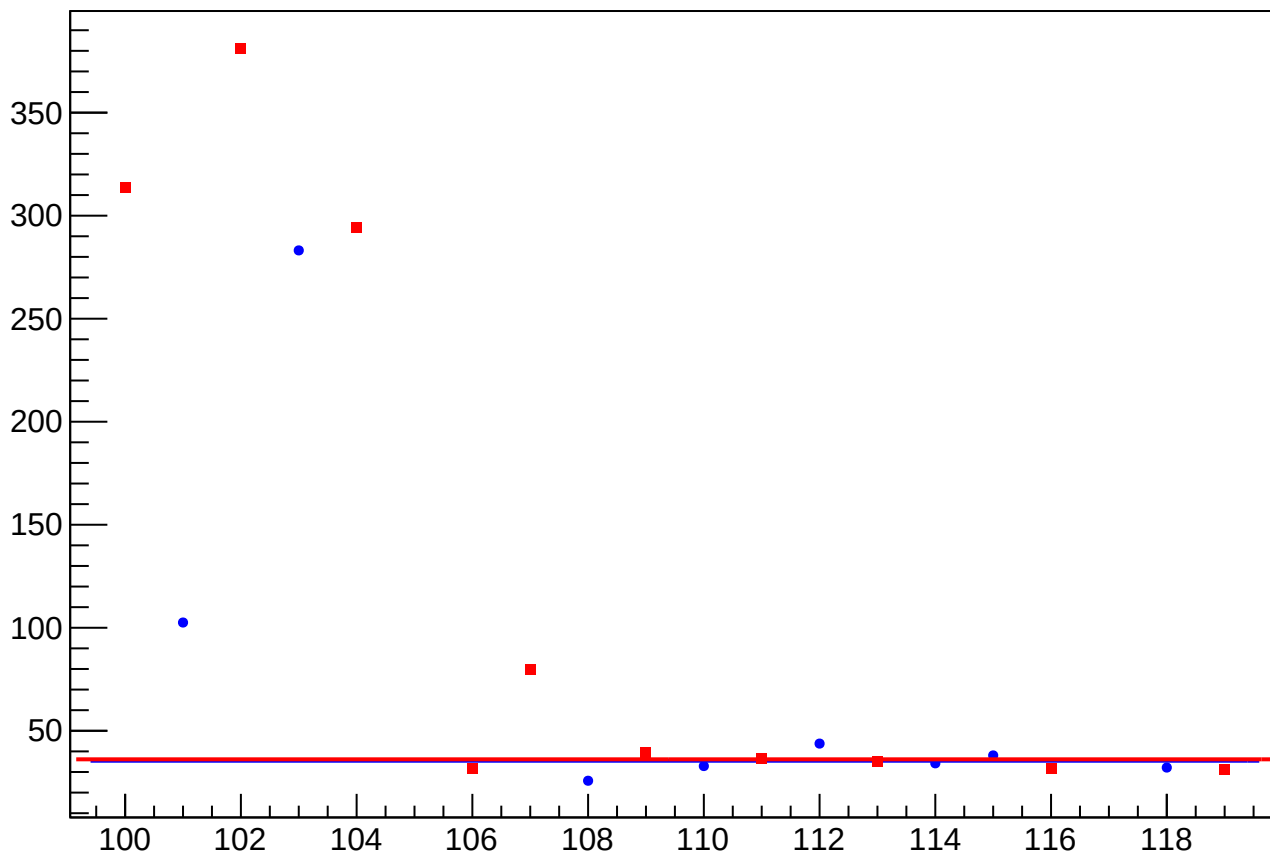
Right: 0.012+/-0.016 χ^2/NDF : 15.3/17

In: 0.015+/-0.023 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.016 χ^2/NDF : 15.3/17

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.153+/-0.016 χ^2/NDF : 1659958.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

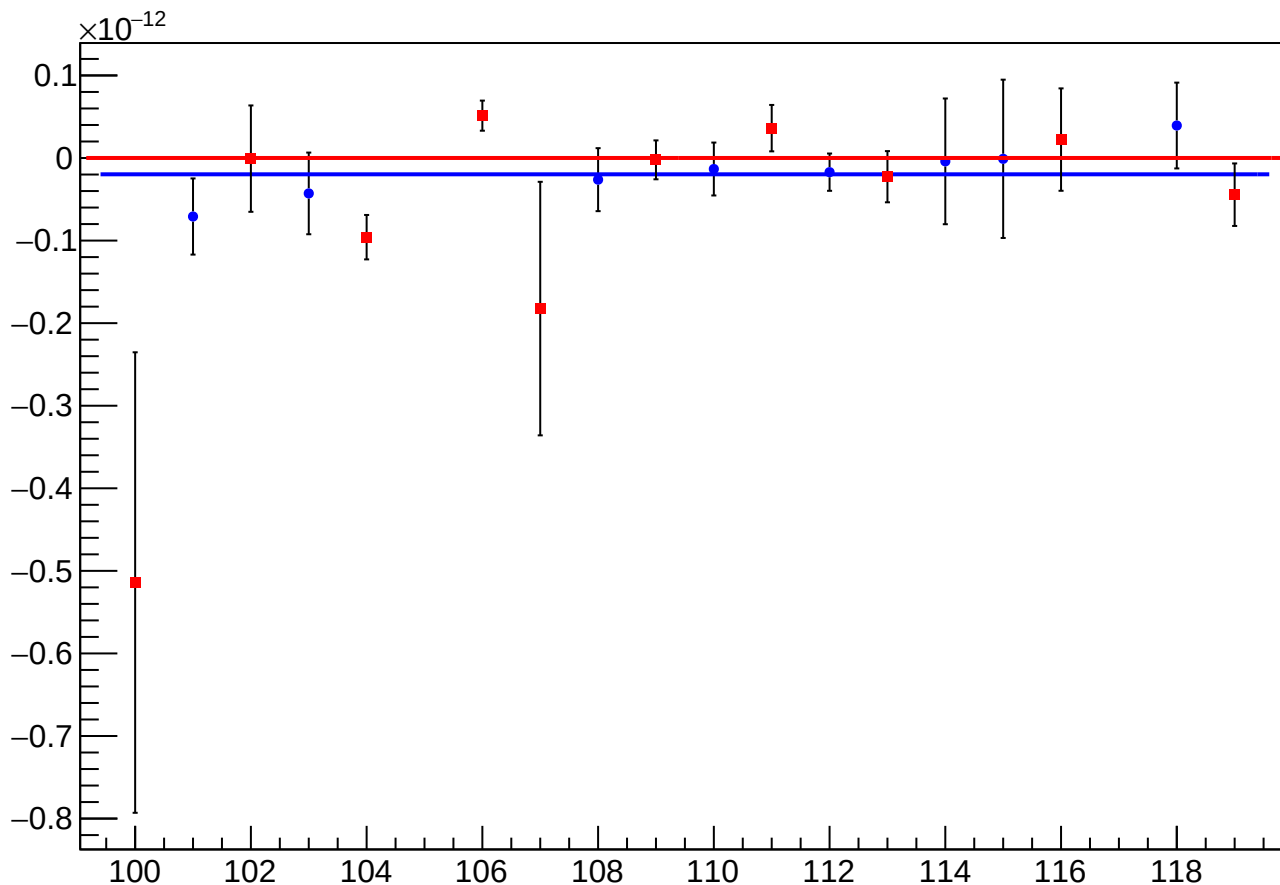
Right: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

In: 35.470+/-0.017 χ^2/NDF : 1539711.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.824+/-0.011 χ^2/NDF : 3200552.3/17

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 : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

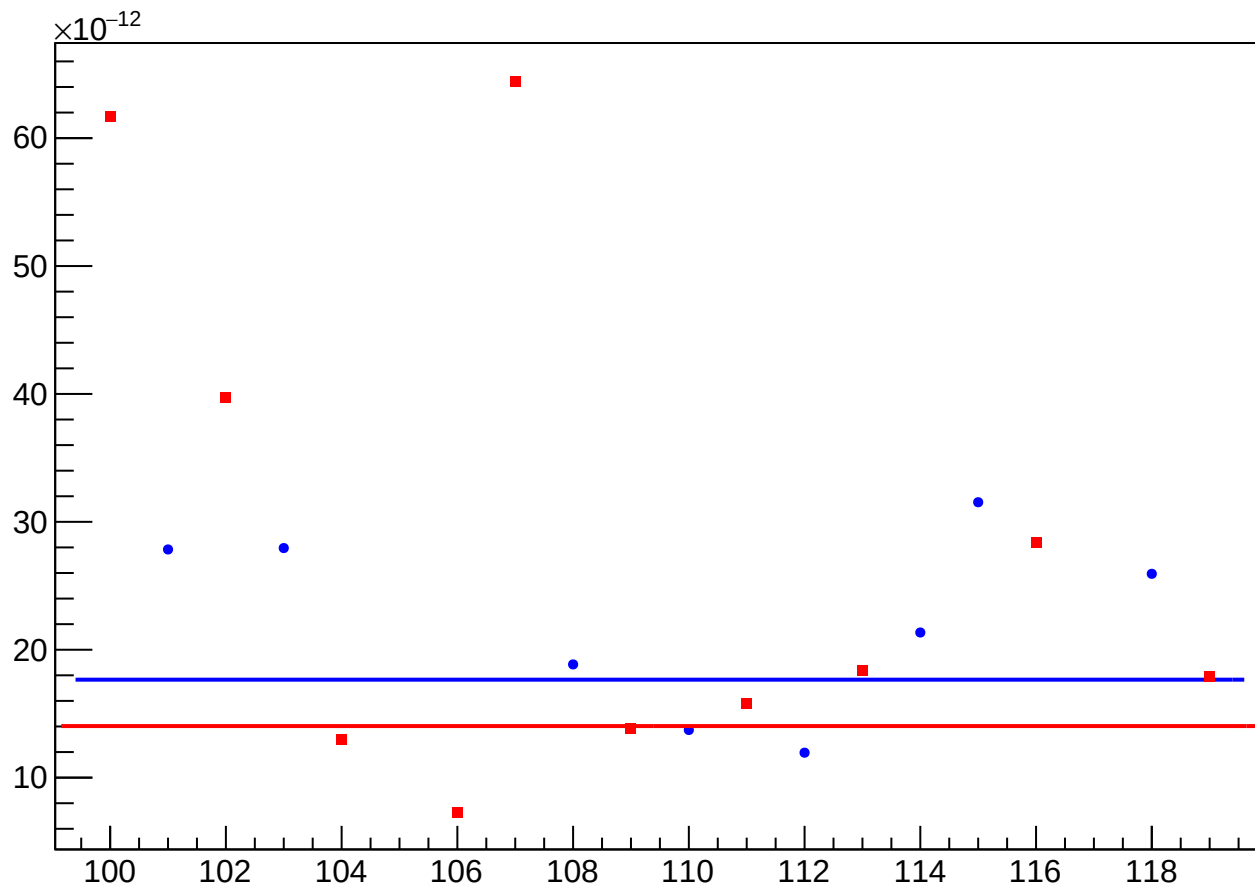
Right: -0.000+/-0.000 χ^2/NDF : 33.4/17

In: -0.000+/-0.000 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.4/17

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 : 441266.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1047263.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

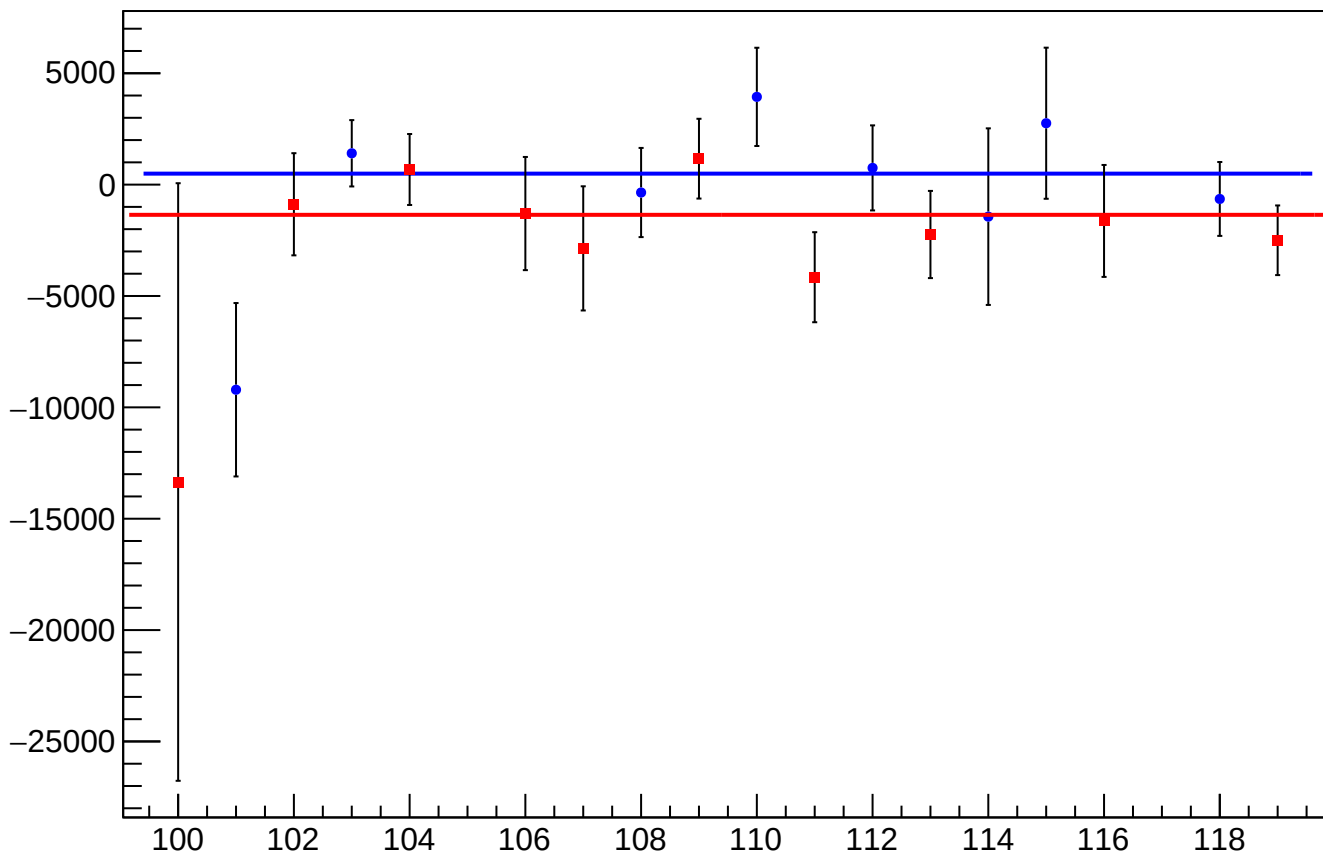
Right: 0.000+/-0.000 χ^2/NDF : 1577258.5/17

In: 0.000+/-0.000 χ^2/NDF :441266.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1577258.5/17

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.289+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1356.214+/-665.429 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

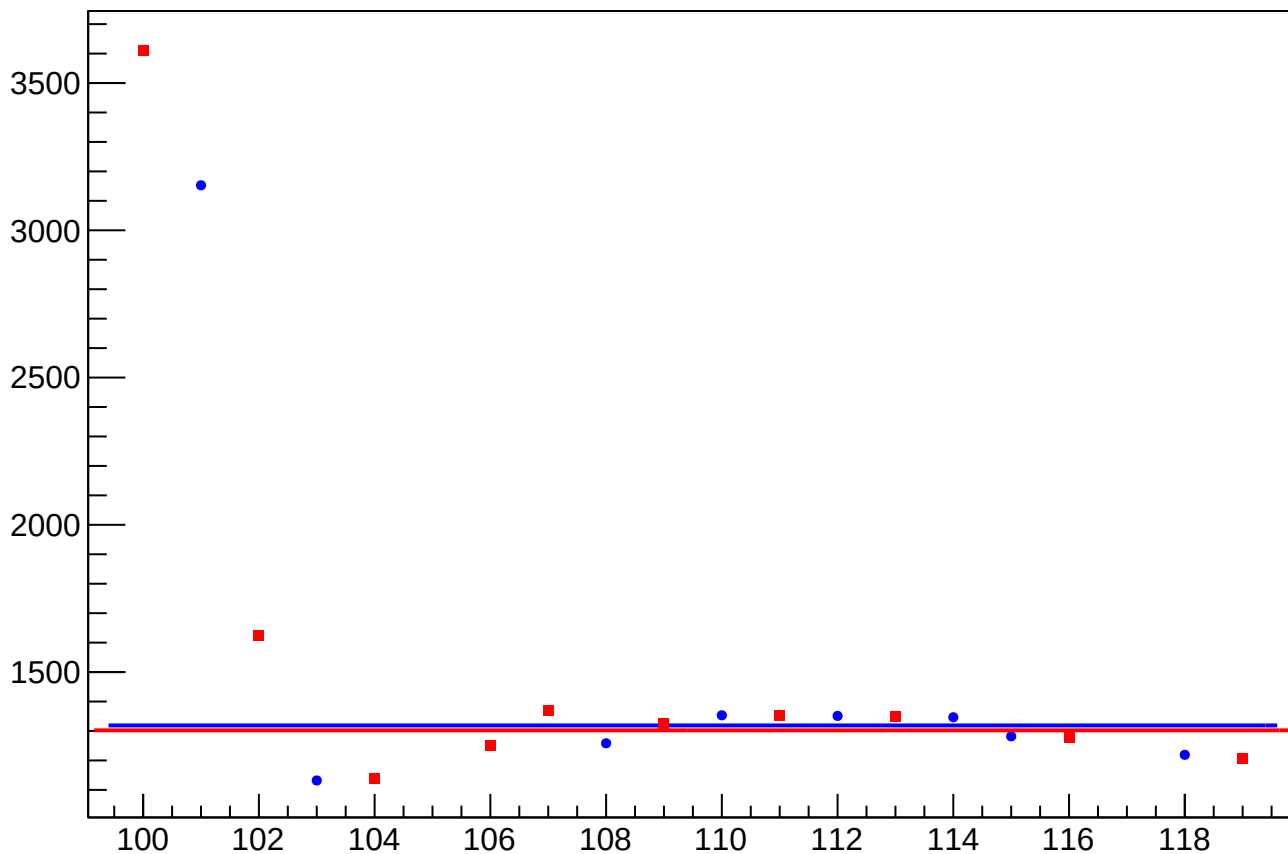
Right: -546.087+/-498.839 χ^2/NDF : 21.2/17

In: 493.289+/-753.723 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -546.087+/-498.839 χ^2/NDF : 21.2/17

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485828.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1302.182+/-0.471 χ^2/NDF : 131574.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

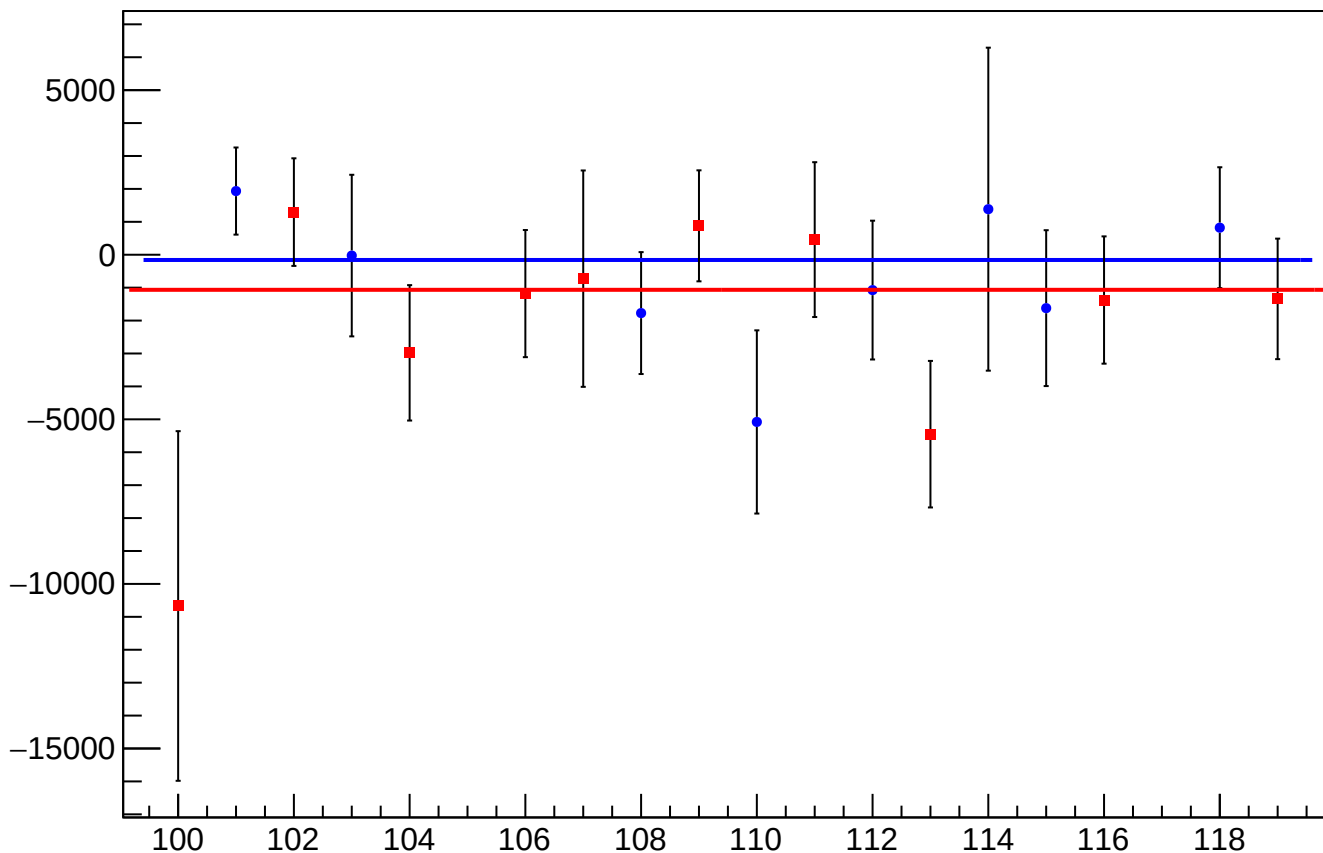
Right: 1309.445+/-0.353 χ^2/NDF : 617946.8/17

In: 1318.764+/-0.533 χ^2/NDF : 485828.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.445+/-0.353 χ^2/NDF : 617946.8/17

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -159.162+/-725.606 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1065.513+/-658.342 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

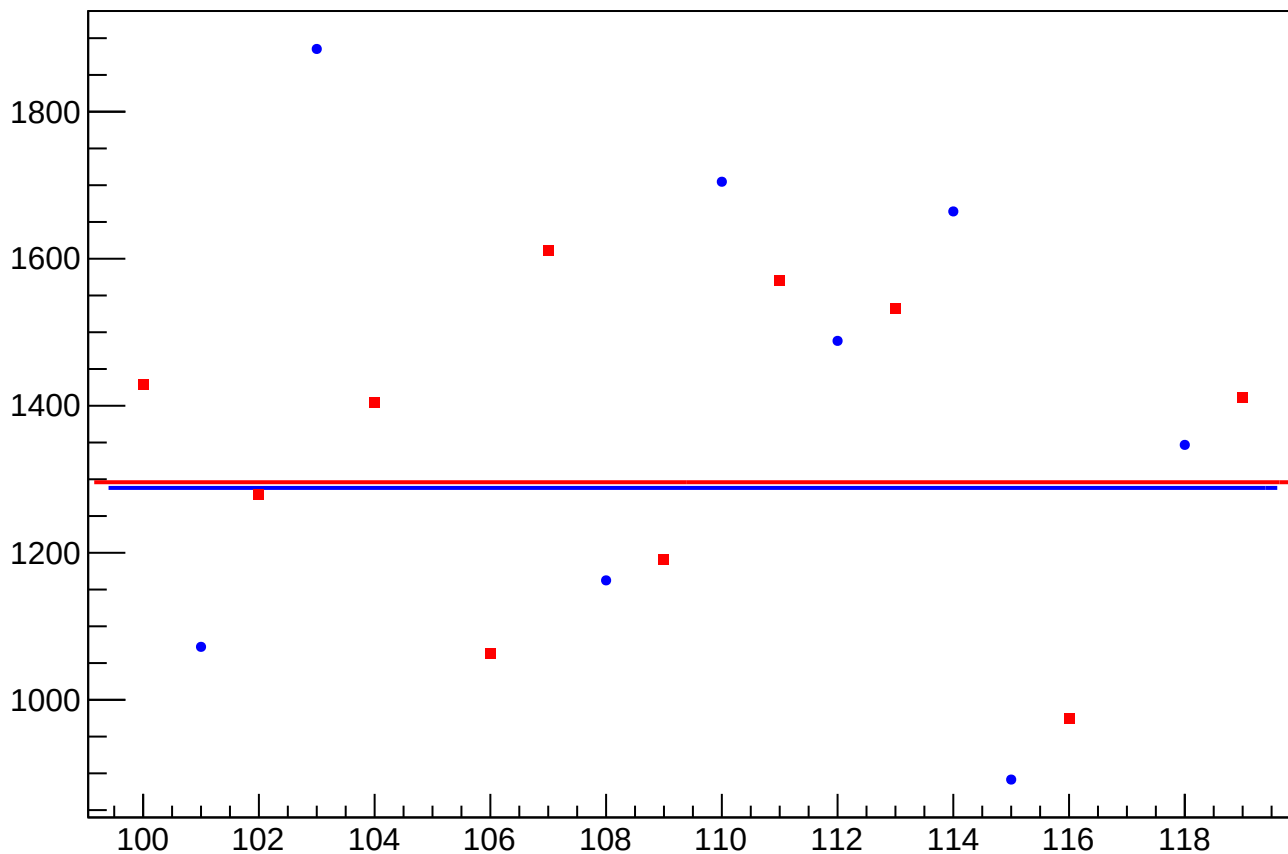
Right: -656.284+/-487.568 χ^2/NDF : 20.1/17

In: -159.162+/-725.606 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.284+/-487.568 χ^2/NDF : 20.1/17

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1288.261+/-0.513 χ^2/NDF : 313688.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.975+/-0.466 χ^2/NDF : 175154.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

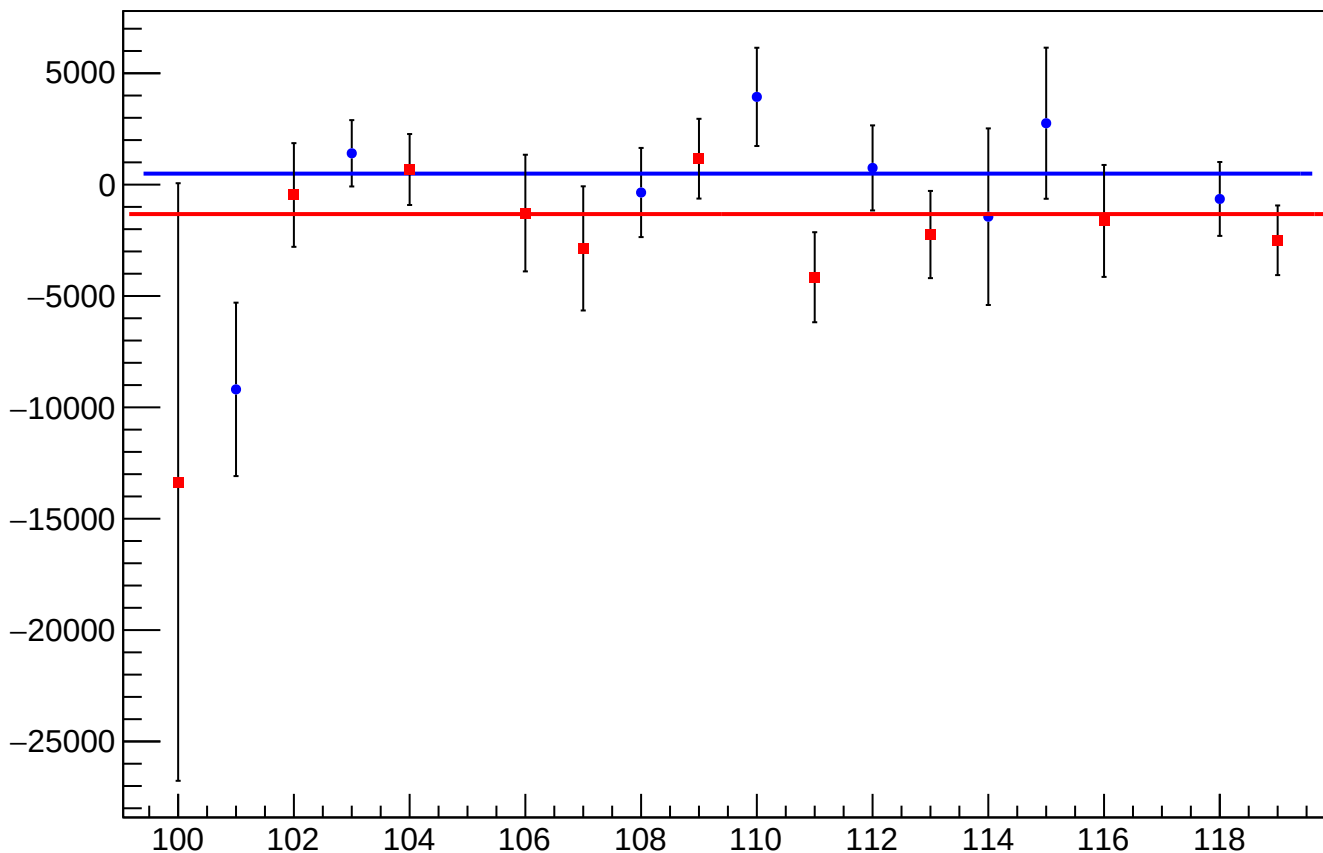
Right: 1292.492+/-0.345 χ^2/NDF : 488967.3/17

In: 1288.261+/-0.513 χ^2/NDF : 313688.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.492+/-0.345 χ^2/NDF : 488967.3/17

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

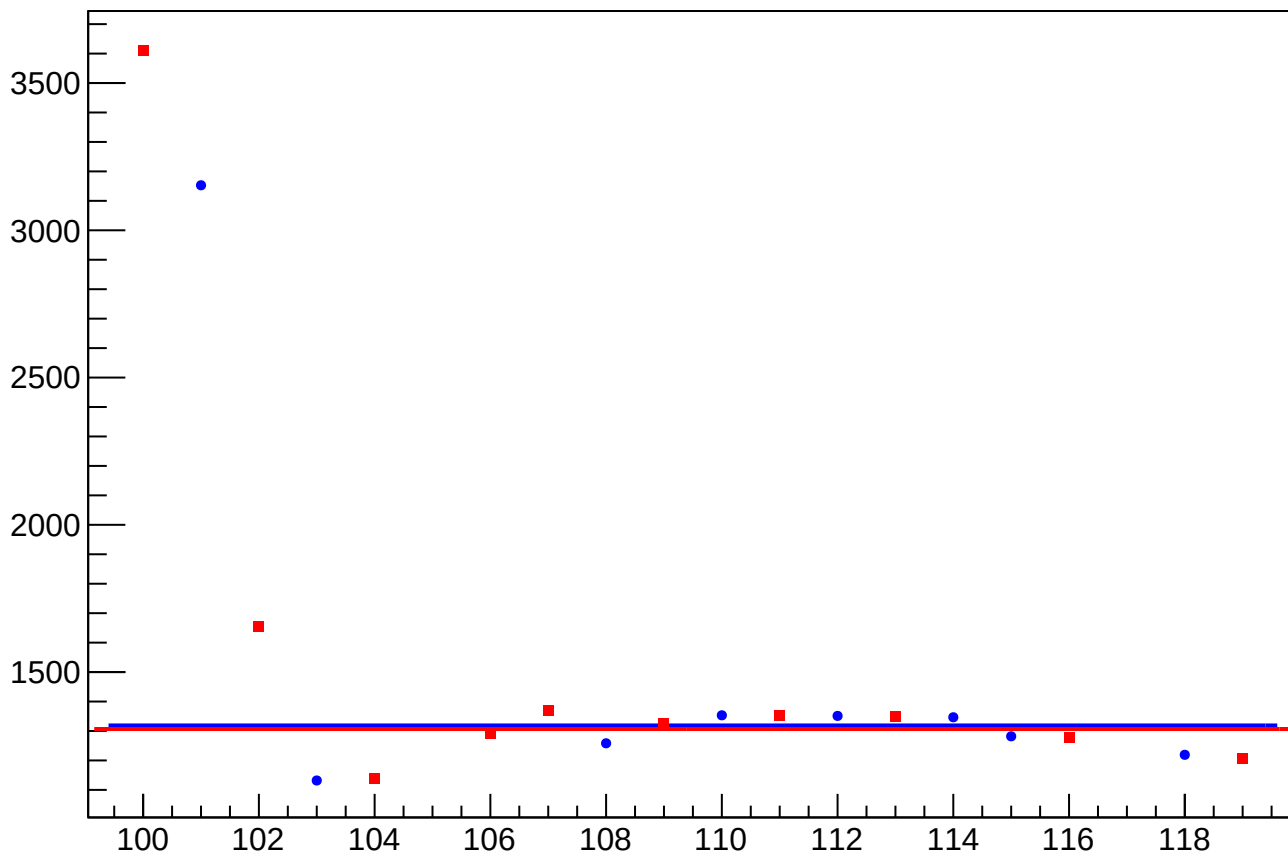
Right: -523.747+/-499.754 χ^2/NDF : 21.1/17

In: 493.951+/-753.723 χ^2/NDF :10.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -523.747+/-499.754 χ^2/NDF : 21.1/17

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

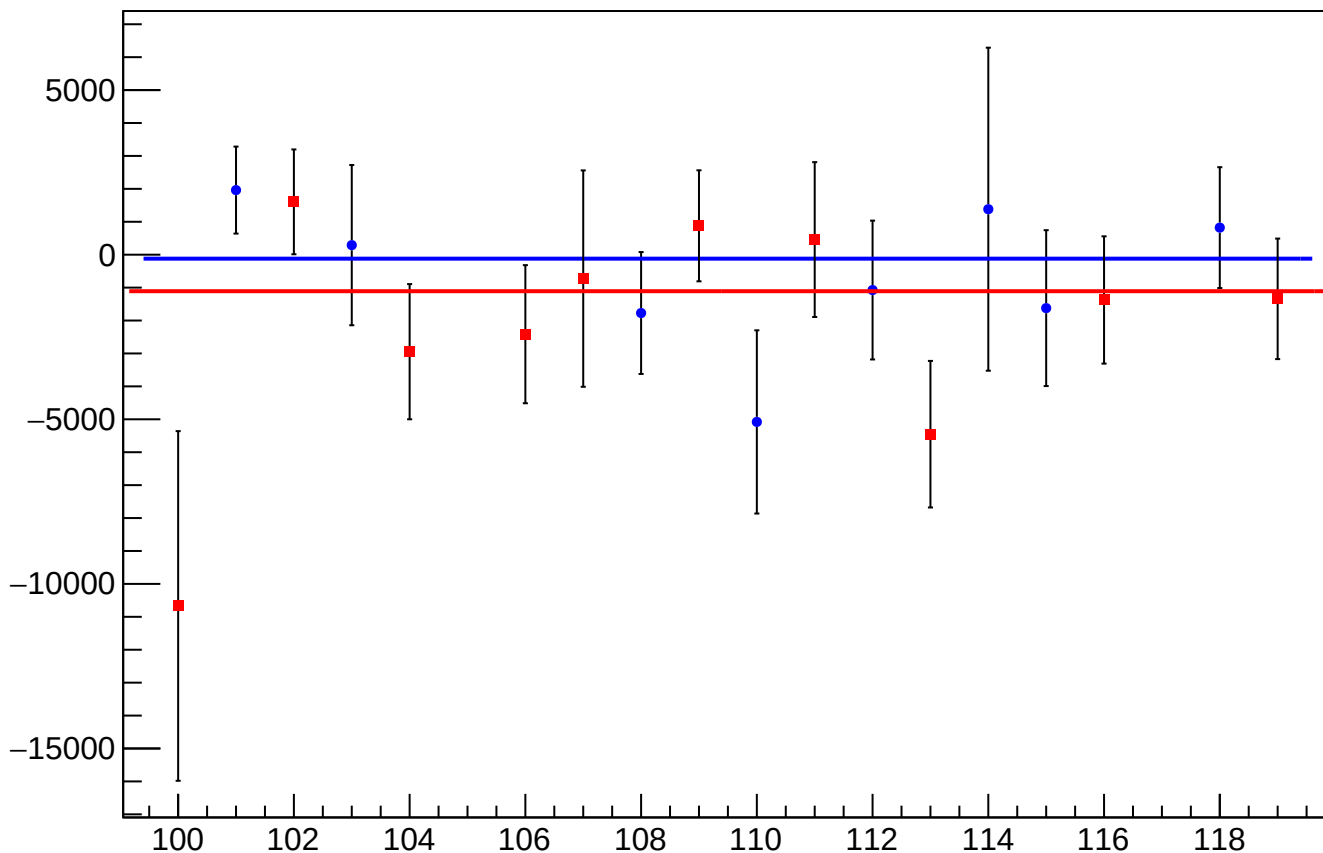
Right: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

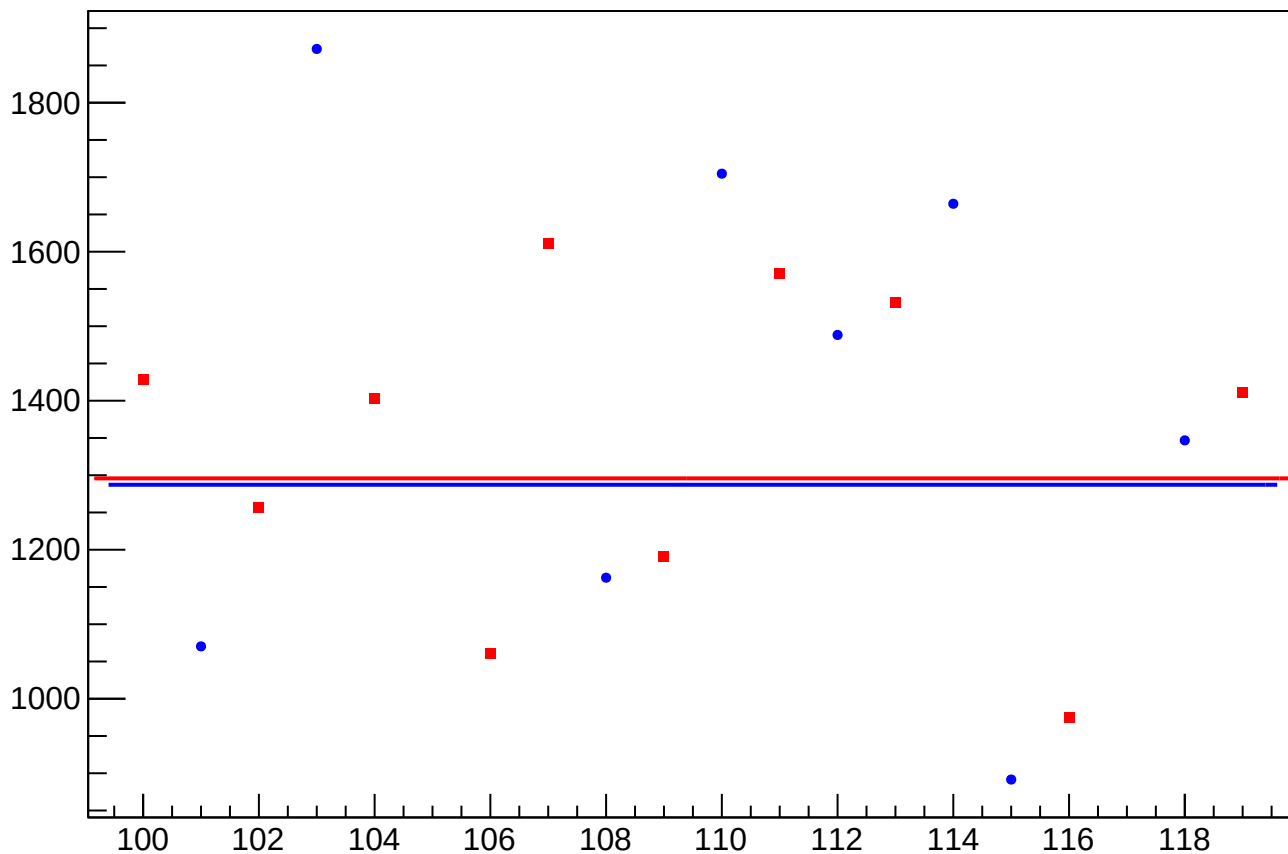
Right: -660.161+/-488.464 χ^2/NDF : 21.5/17

In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.161+/-488.464 χ^2/NDF : 21.5/17

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

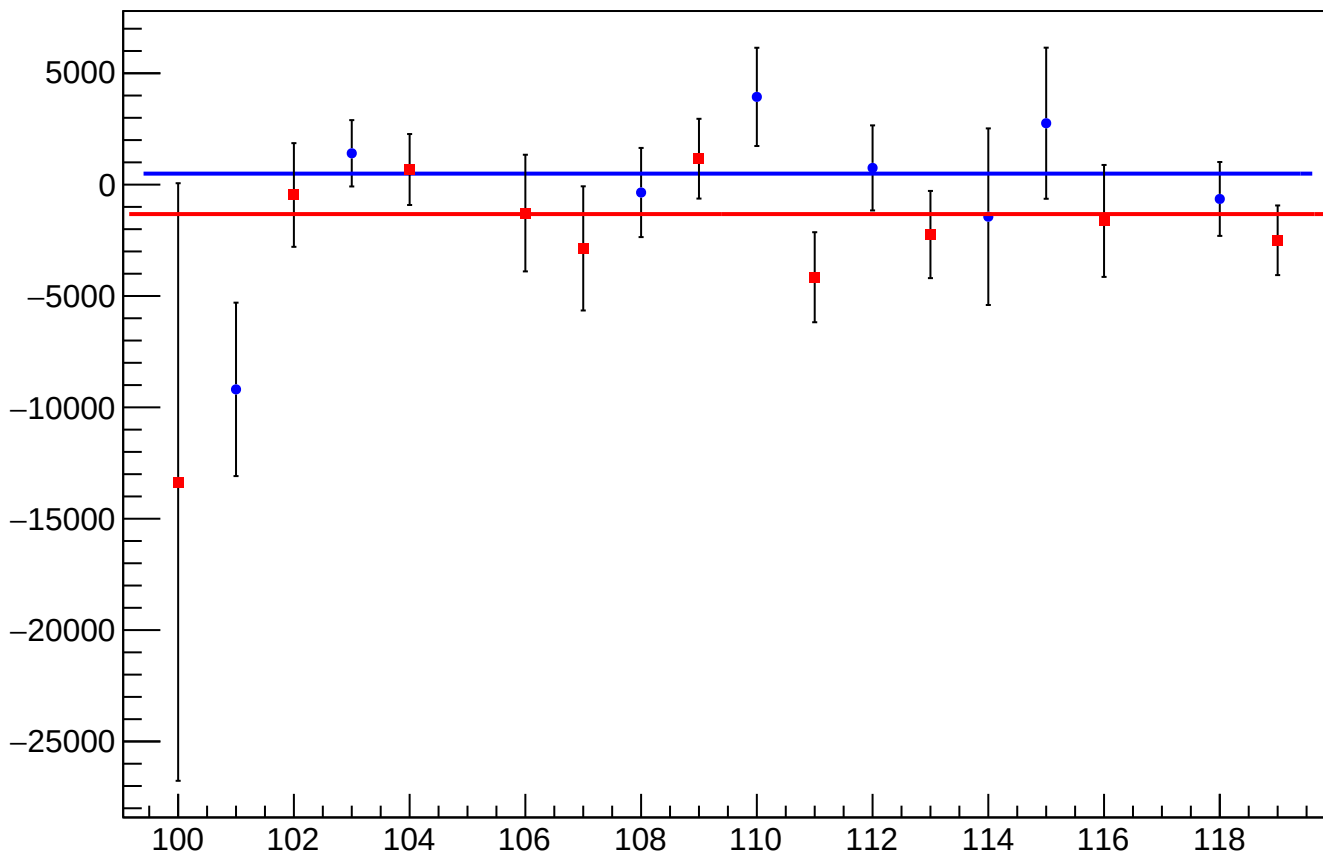
Right: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 493.951+/-753.723 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1322.171+/-667.605 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

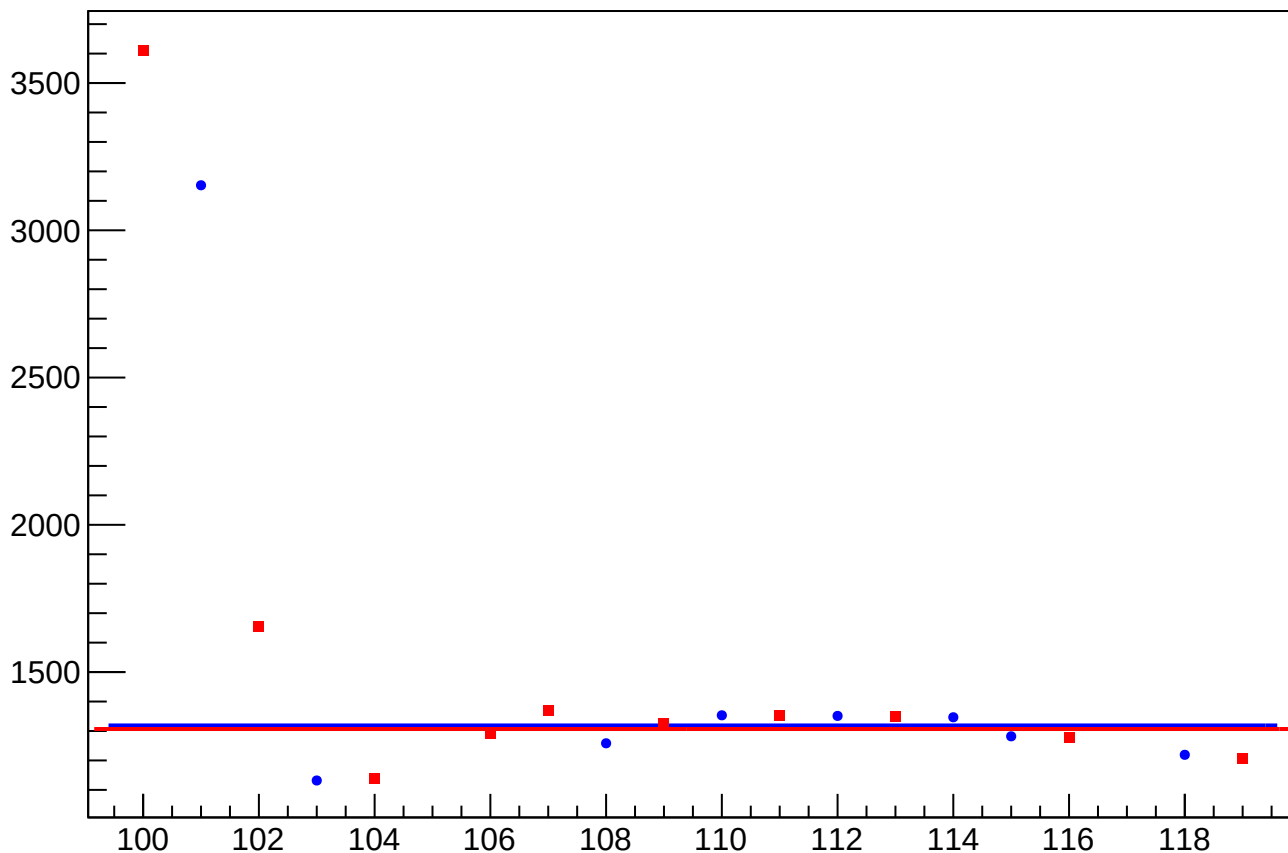
Right: -523.747+/-499.754 χ^2/NDF : 21.1/17

In: 493.951+/-753.723 χ^2/NDF :10.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -523.747+/-499.754 χ^2/NDF : 21.1/17

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.716+/-0.472 χ^2/NDF : 137388.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

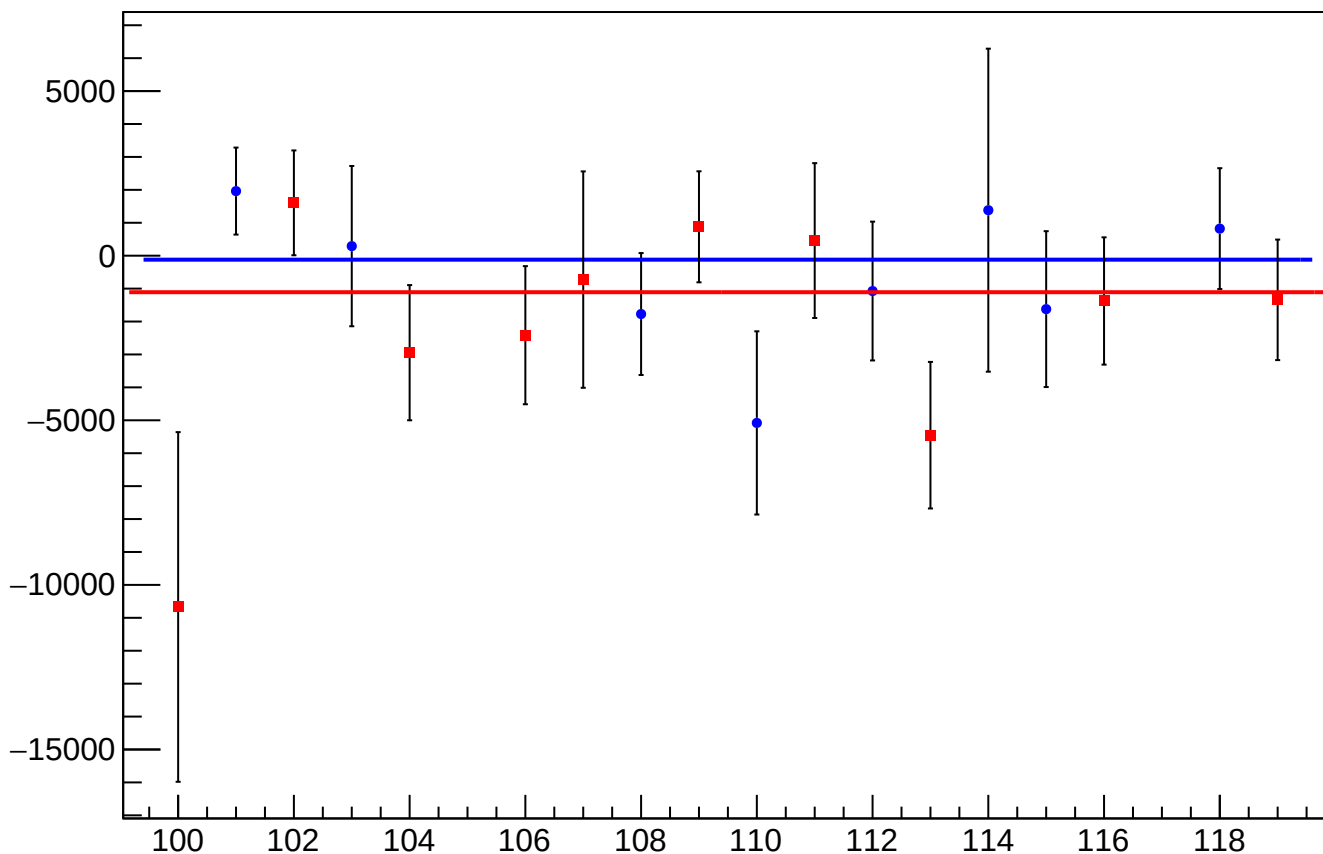
Right: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

In: 1318.764+/-0.533 χ^2/NDF : 485829.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.012+/-0.353 χ^2/NDF : 623505.0/17

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1109.223+/-661.212 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

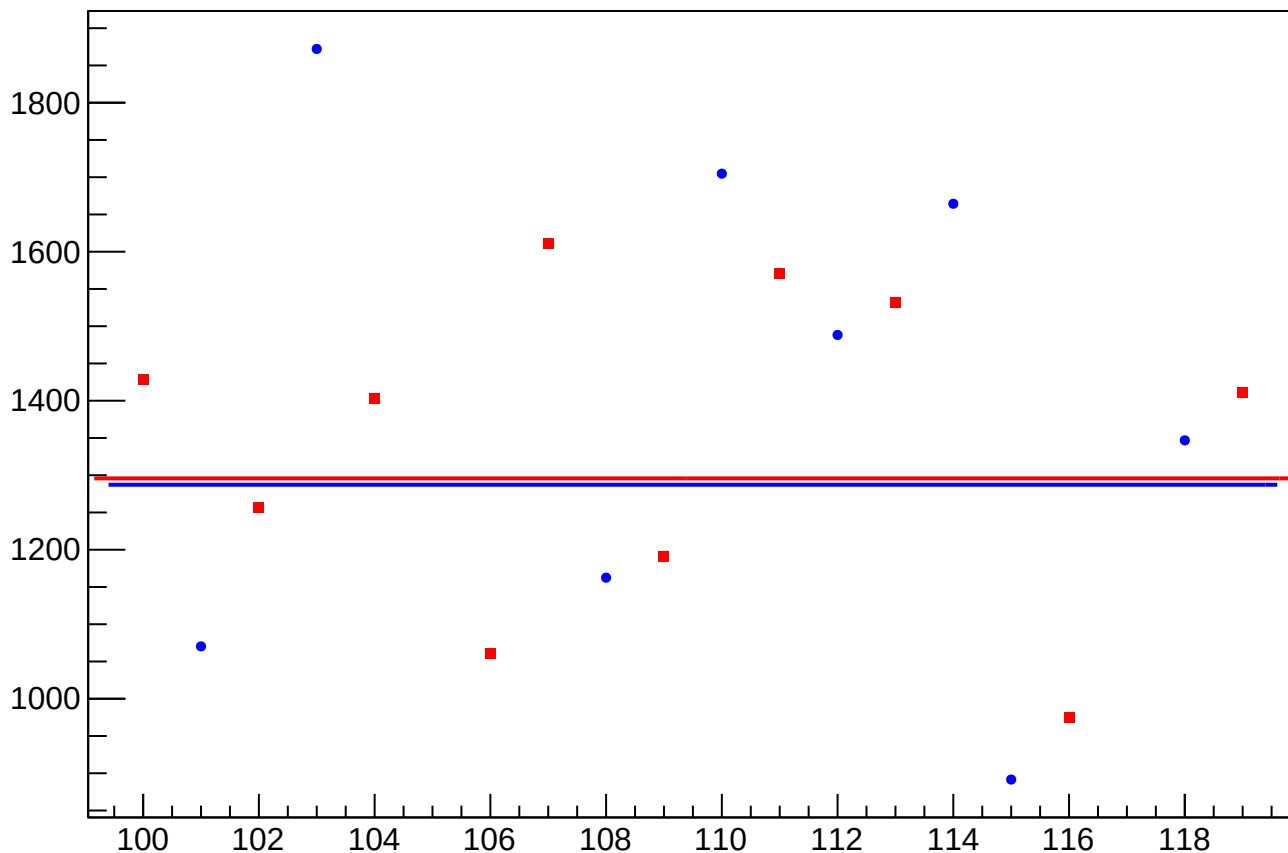
Right: -660.161+/-488.464 χ^2/NDF : 21.5/17

In: -120.671+/-724.735 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -660.161+/-488.464 χ^2/NDF : 21.5/17

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.762+/-0.468 χ^2/NDF : 172059.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

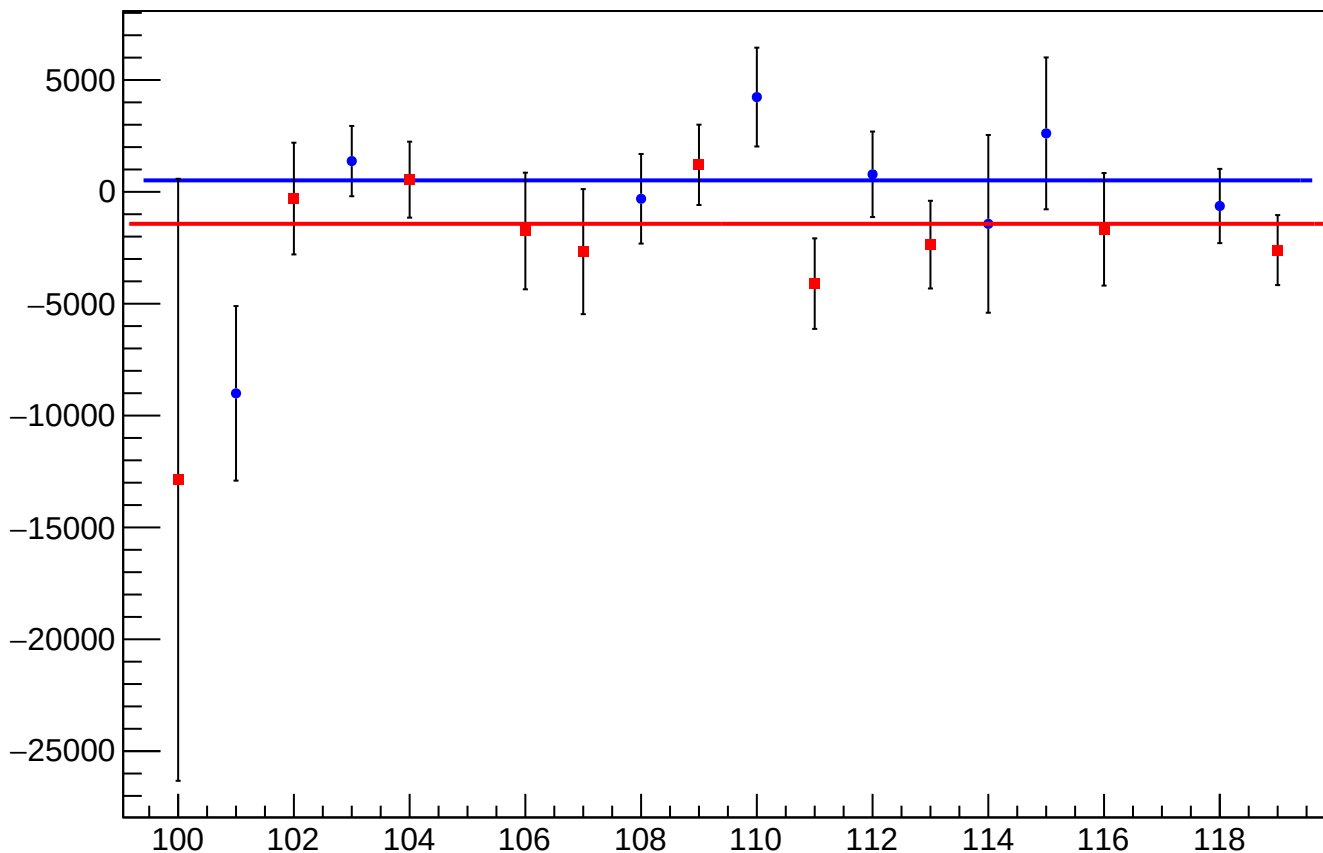
Right: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

In: 1287.216+/-0.512 χ^2/NDF : 311443.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.880+/-0.345 χ^2/NDF : 483654.3/17

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 512.804+/-764.281 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.714+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

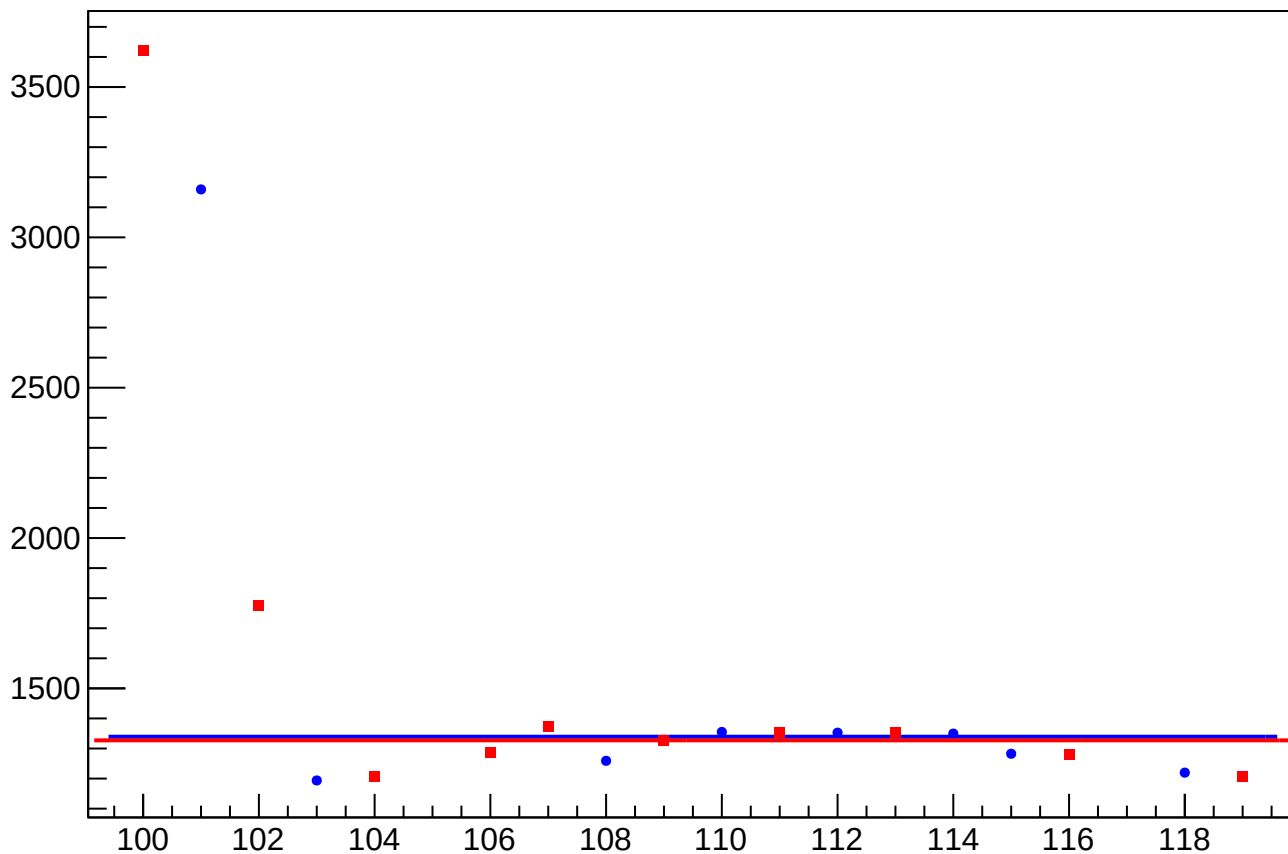
Right: -572.321+/-507.597 χ^2/NDF : 21.2/17

In: 512.804+/-764.281 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.321+/-507.597 χ^2/NDF : 21.2/17

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1339.205+/-0.540 χ^2/NDF : 466868.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

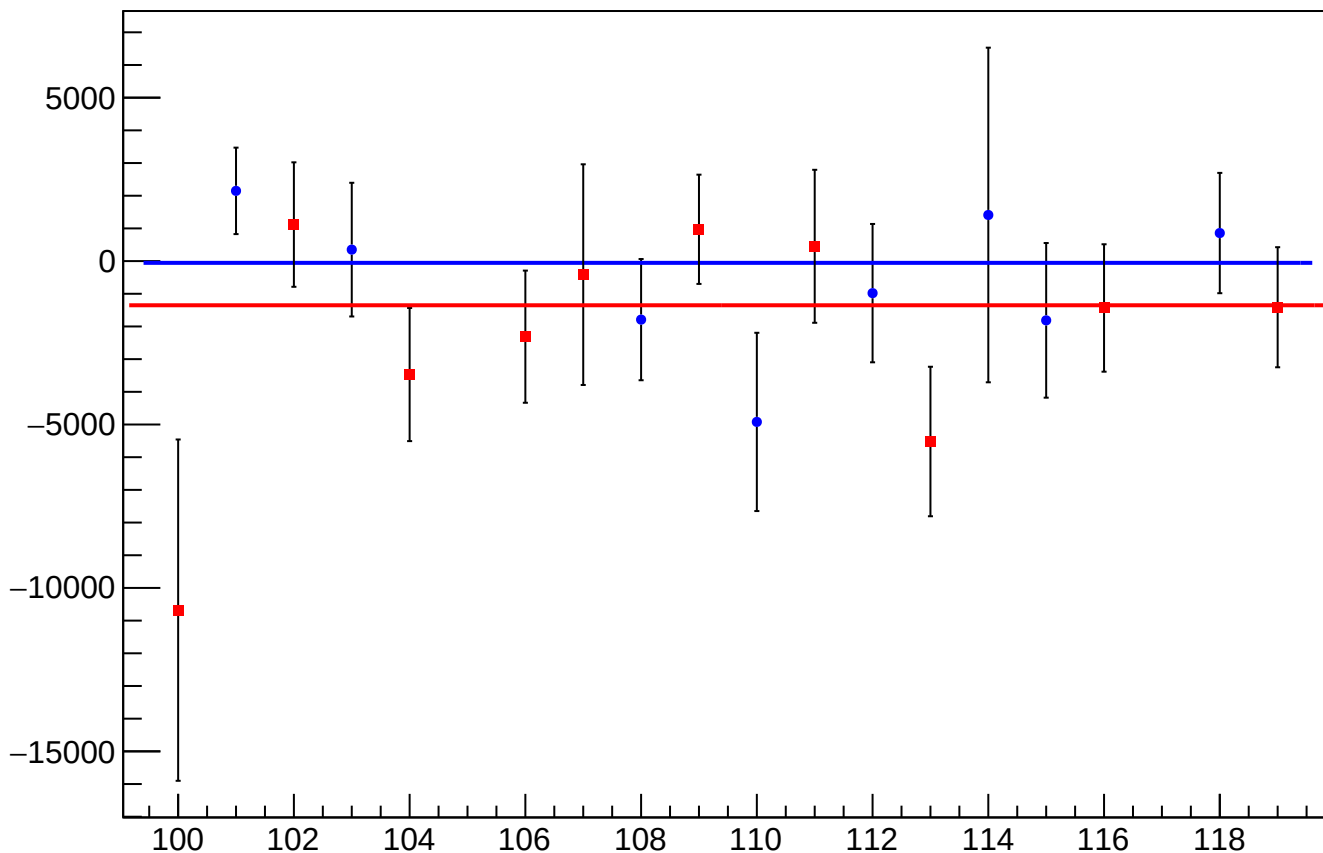
Right: 1332.450+/-0.359 χ^2/NDF : 613861.2/17

In: 1339.205+/-0.540 χ^2/NDF : 466868.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.450+/-0.359 χ^2/NDF : 613861.2/17

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.738+/-712.265 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.569+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

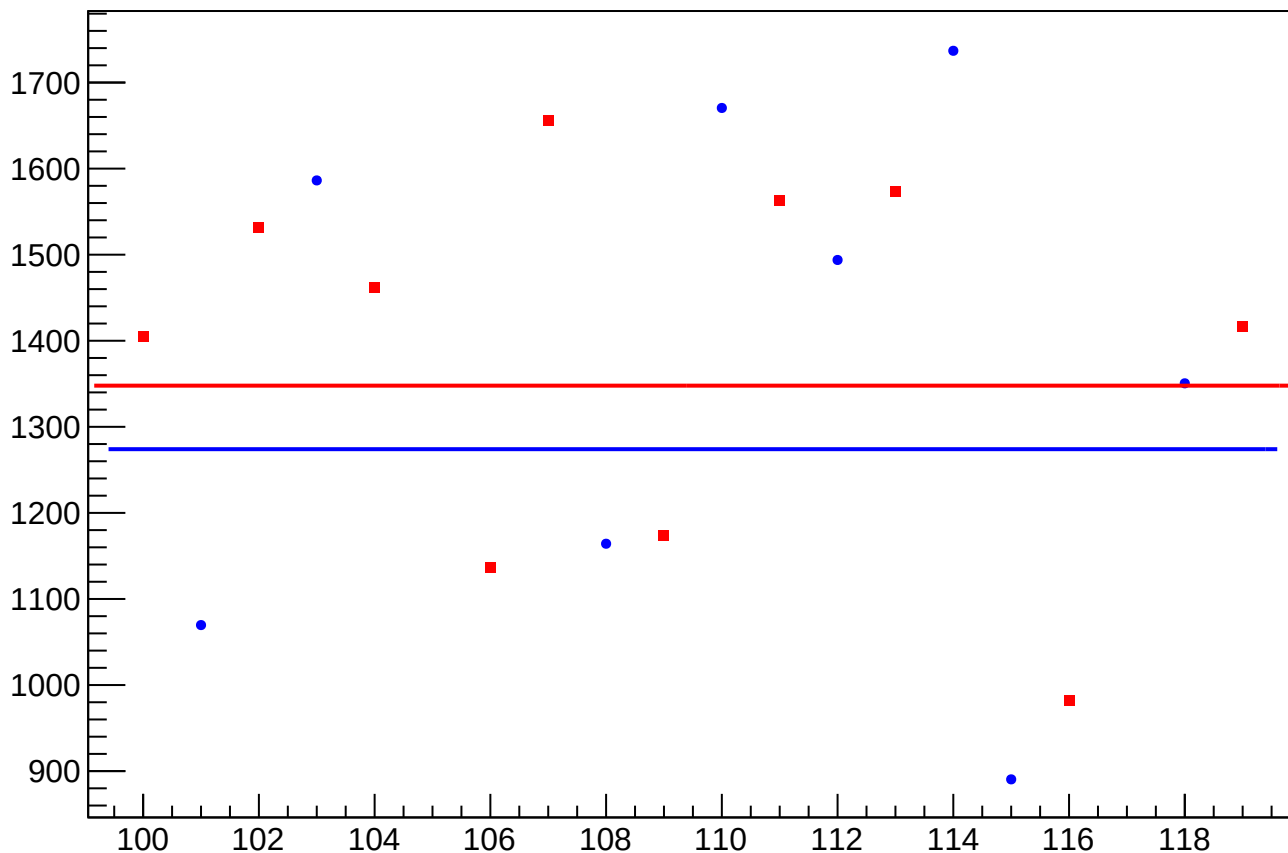
Right: -734.874+/-490.985 χ^2/NDF : 21.8/17

In: -53.738+/-712.265 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -734.874+/-490.985 χ^2/NDF : 21.8/17

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1274.028+/-0.504 χ^2/NDF : 237603.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.839+/-0.479 χ^2/NDF : 194639.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

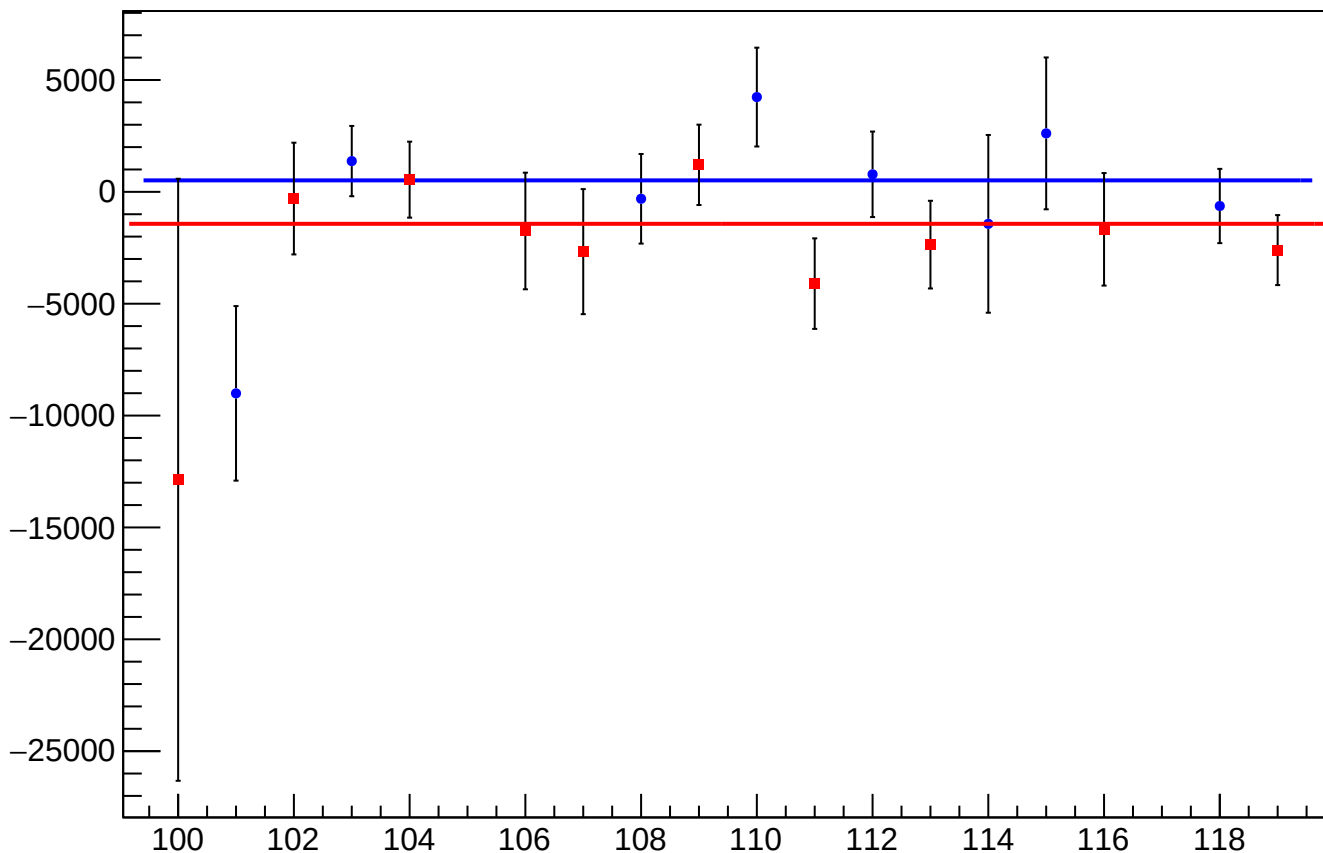
Right: 1312.766+/-0.347 χ^2/NDF : 443515.5/17

In: 1274.028+/-0.504 χ^2/NDF : 237603.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.766+/-0.347 χ^2/NDF : 443515.5/17

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 512.799+/-764.281 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1428.715+/-678.969 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

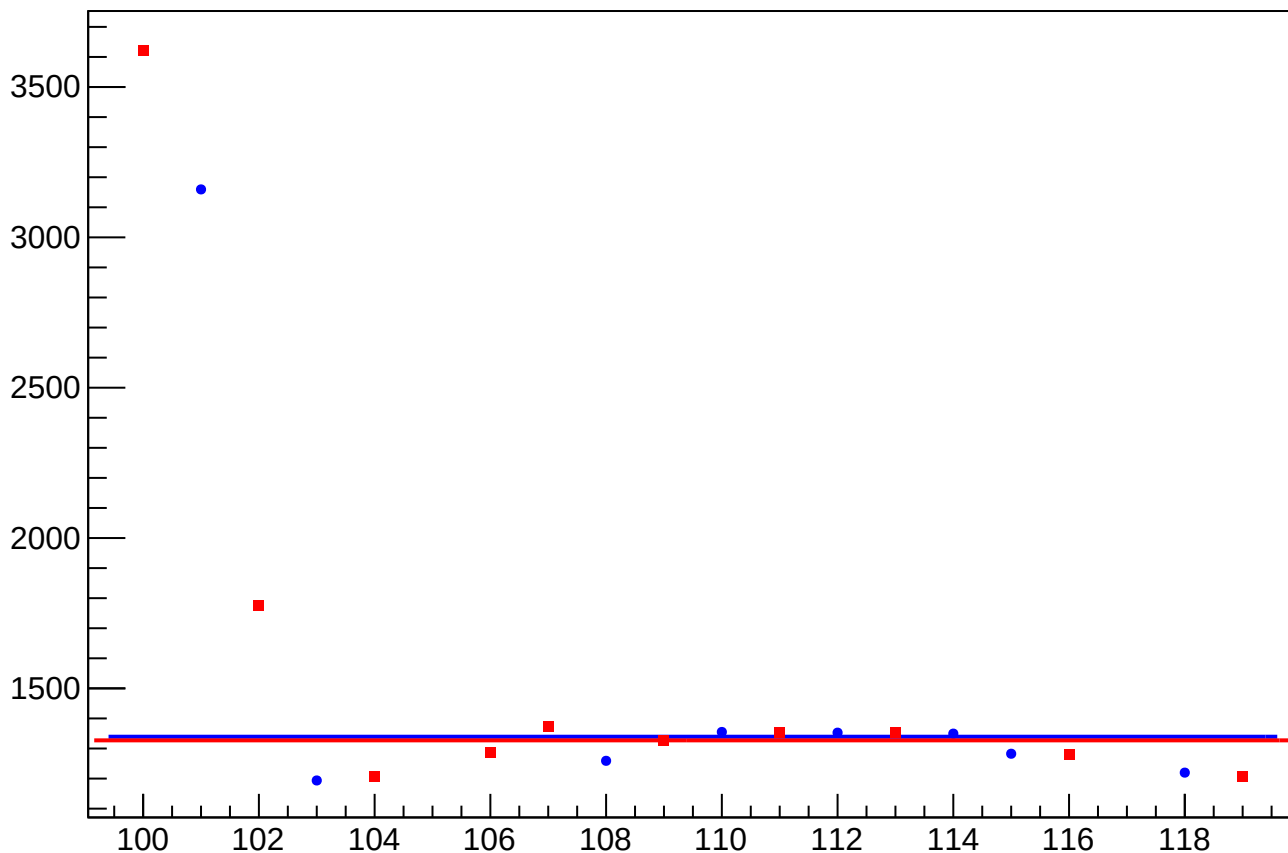
Right: -572.323+/-507.597 χ^2/NDF : 21.2/17

In: 512.799+/-764.281 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -572.323+/-507.597 χ^2/NDF : 21.2/17

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1339.205+/-0.540 χ^2/NDF : 466868.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.118+/-0.480 χ^2/NDF : 146713.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

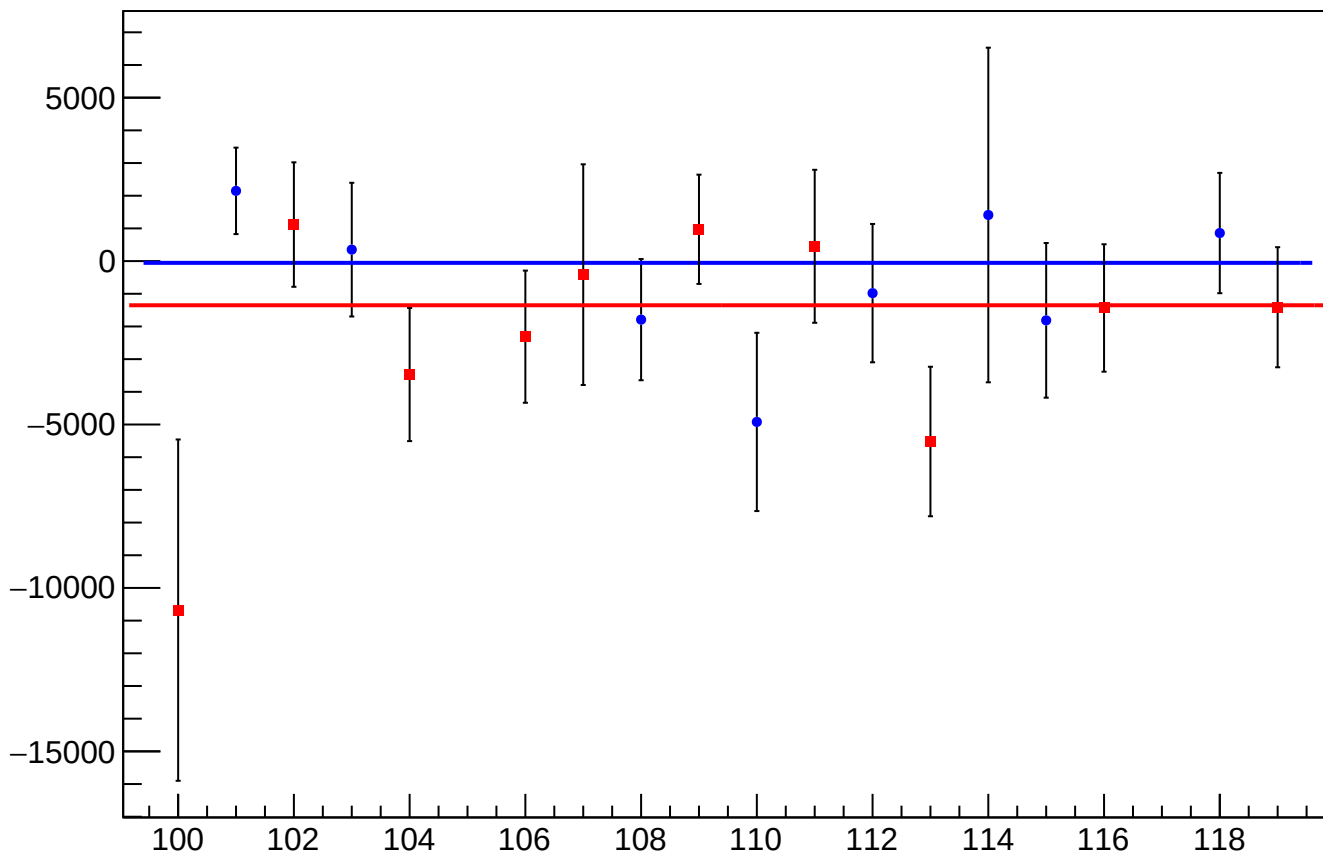
Right: 1332.450+/-0.359 χ^2/NDF : 613861.3/17

In: 1339.205+/-0.540 χ^2/NDF : 466868.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.450+/-0.359 χ^2/NDF : 613861.3/17

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -53.739+/-712.263 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1351.572+/-677.736 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

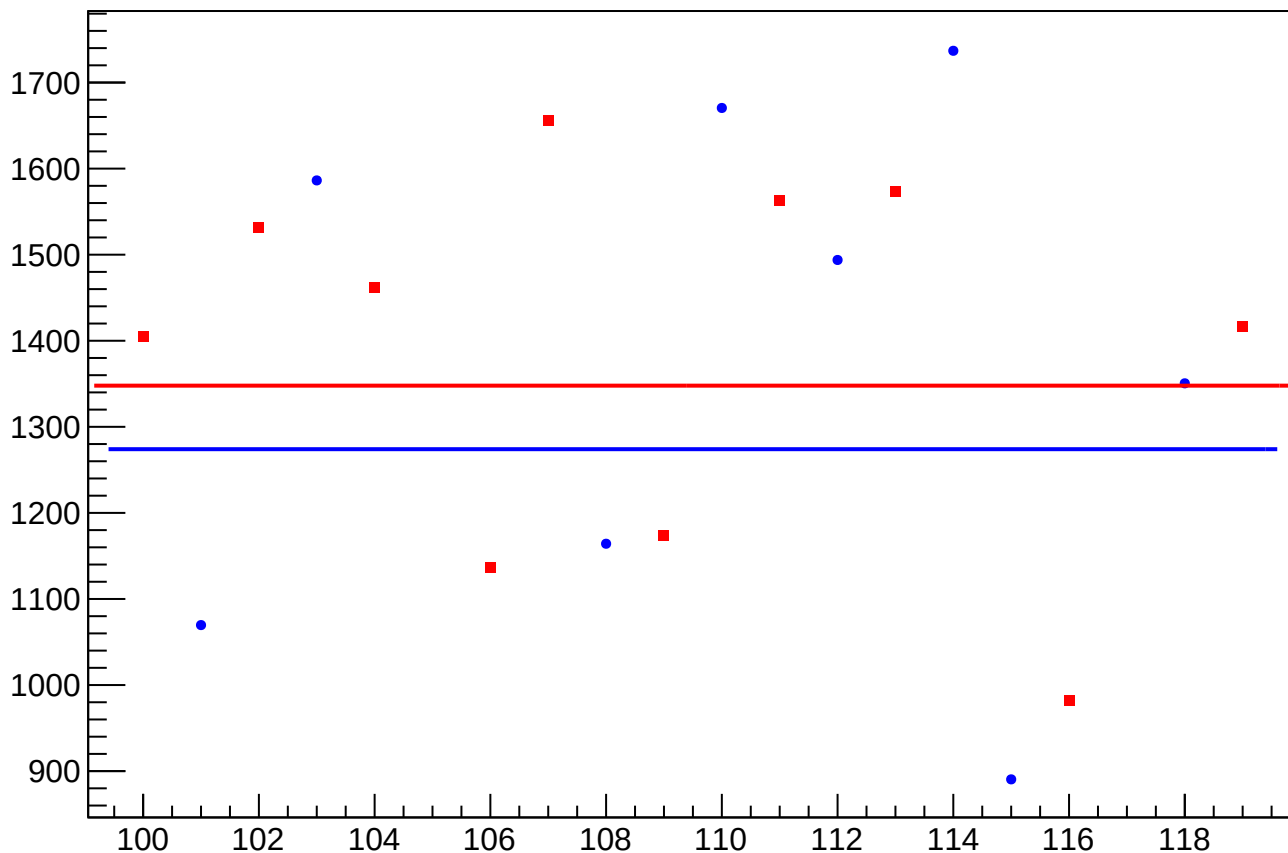
Right: -734.874+/-490.984 χ^2/NDF : 21.8/17

In: -53.739+/-712.263 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -734.874+/-490.984 χ^2/NDF : 21.8/17

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1274.025+/-0.504 χ^2/NDF : 237608.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.840+/-0.479 χ^2/NDF : 194638.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

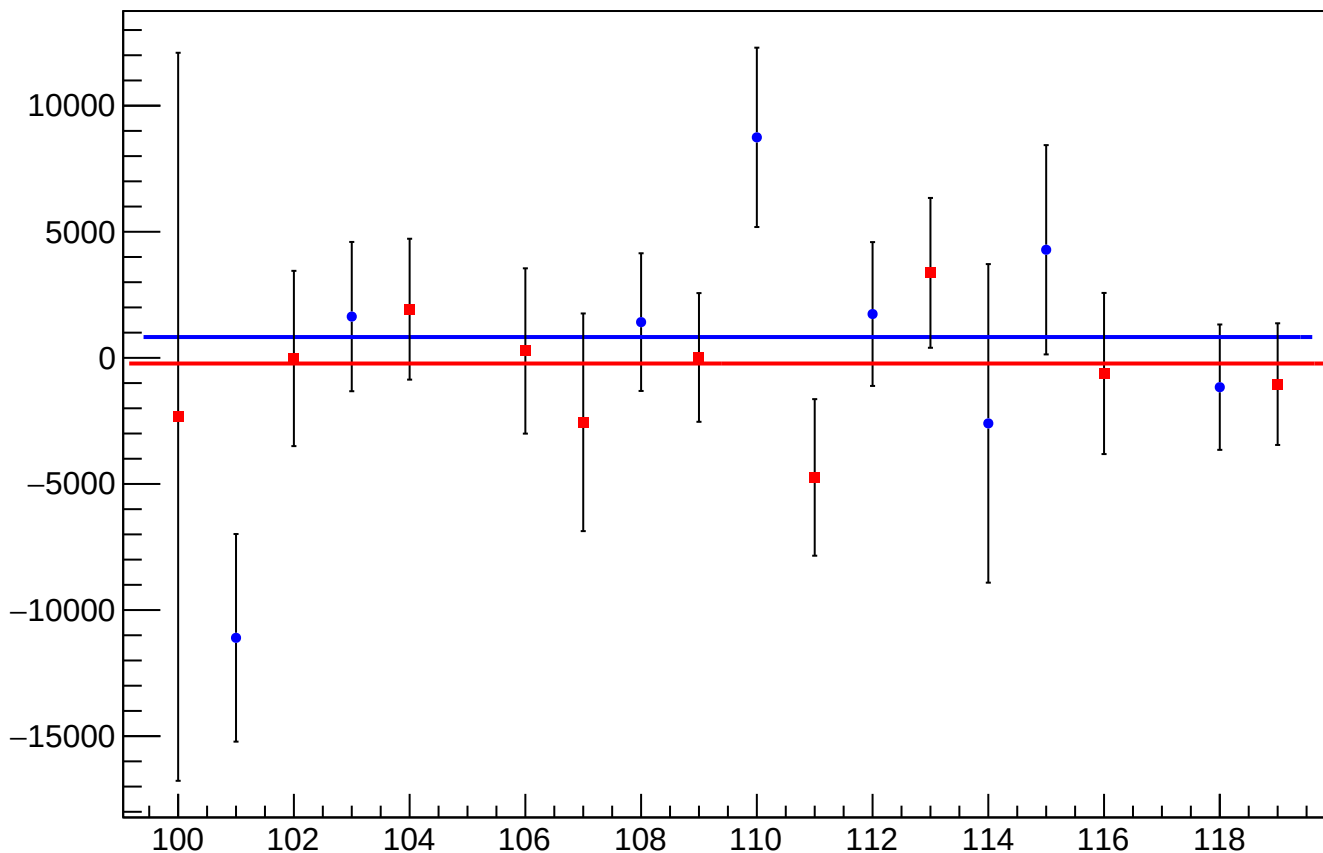
Right: 1312.765+/-0.347 χ^2/NDF : 443520.4/17

In: 1274.025+/-0.504 χ^2/NDF : 237608.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.765+/-0.347 χ^2/NDF : 443520.4/17

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 825.751+/-1151.333 χ^2/NDF : 15.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -224.083+/-998.479 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

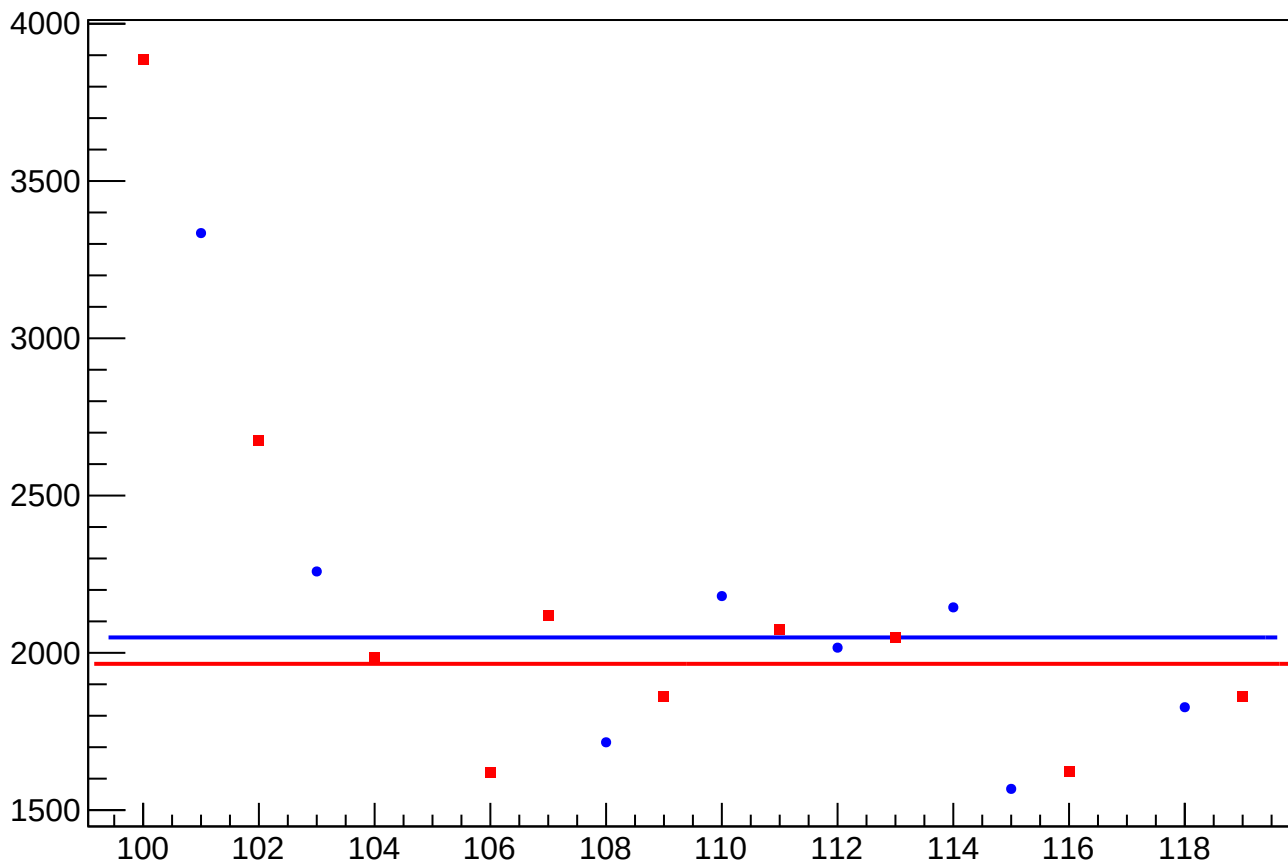
Right: 226.565+/-754.327 χ^2/NDF : 20.3/17

In: 825.751+/-1151.333 χ^2/NDF : 15.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.565+/-754.327 χ^2/NDF : 20.3/17

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 2048.967+/-0.814 χ^2/NDF : 281235.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.020+/-0.706 χ^2/NDF : 177626.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

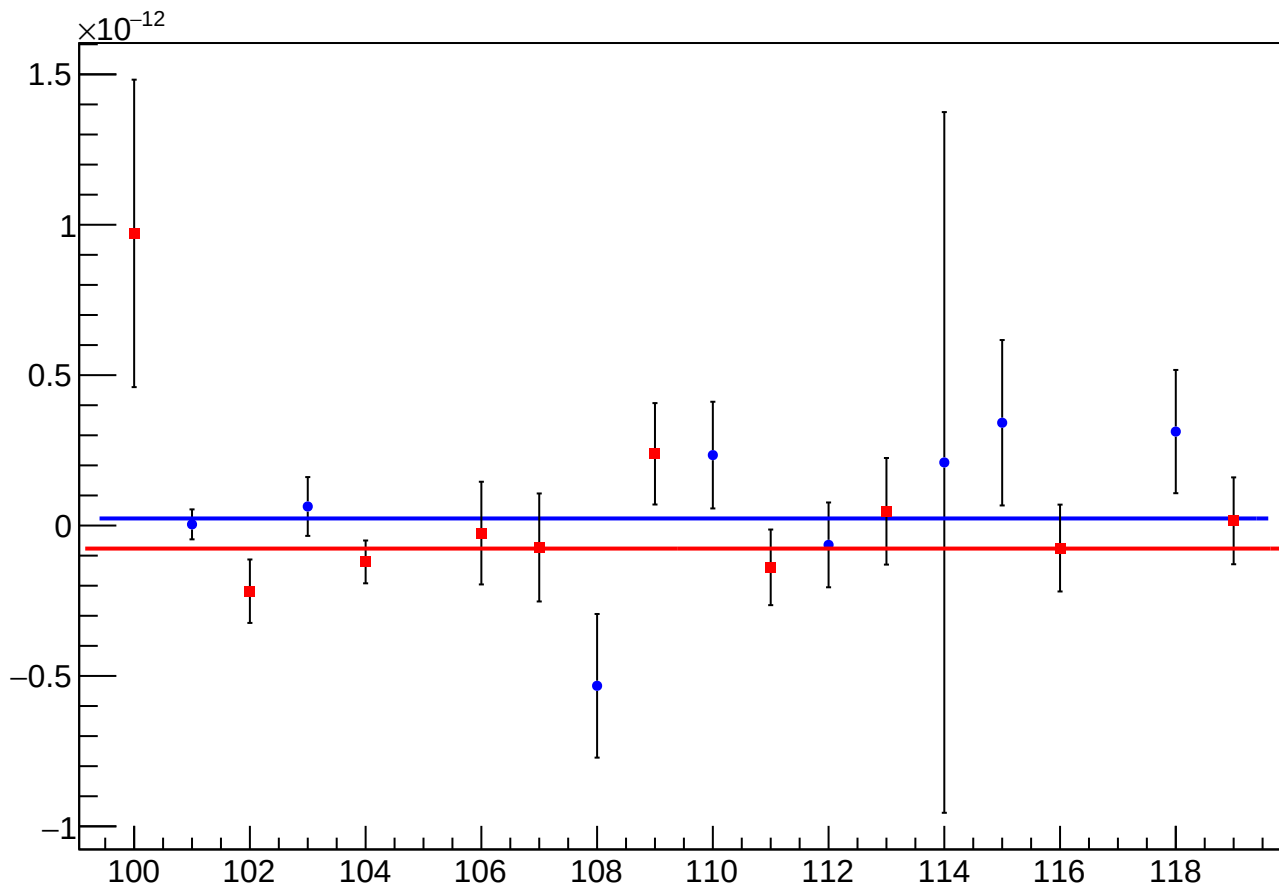
Right: 2001.054+/-0.533 χ^2/NDF : 464931.1/17

In: 2048.967+/-0.814 χ^2/NDF : 281235.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2001.054+/-0.533 χ^2/NDF : 464931.1/17

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

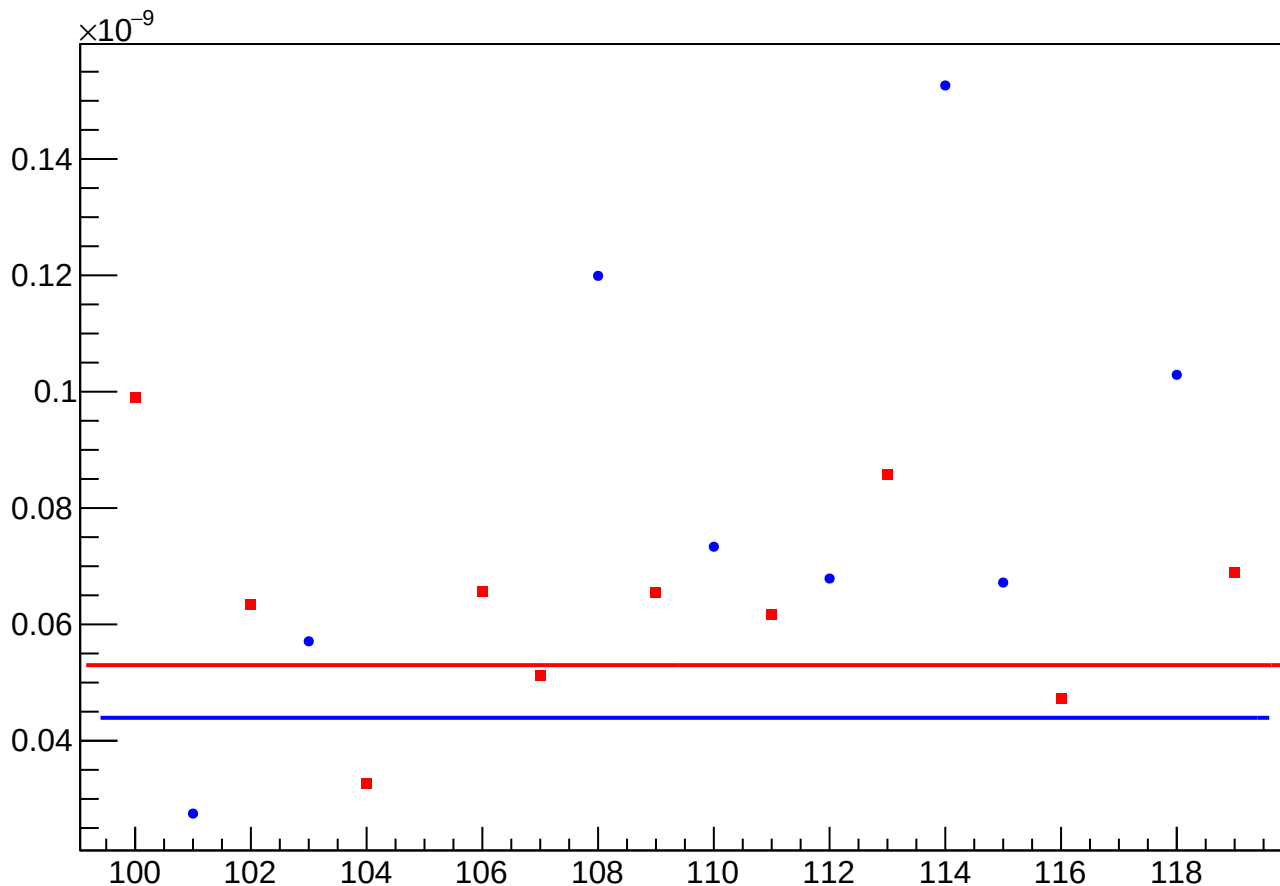
Right: -0.000+/-0.000 χ^2/NDF : 25.1/17

In: 0.000+/-0.000 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.1/17

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 767066.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 327902.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

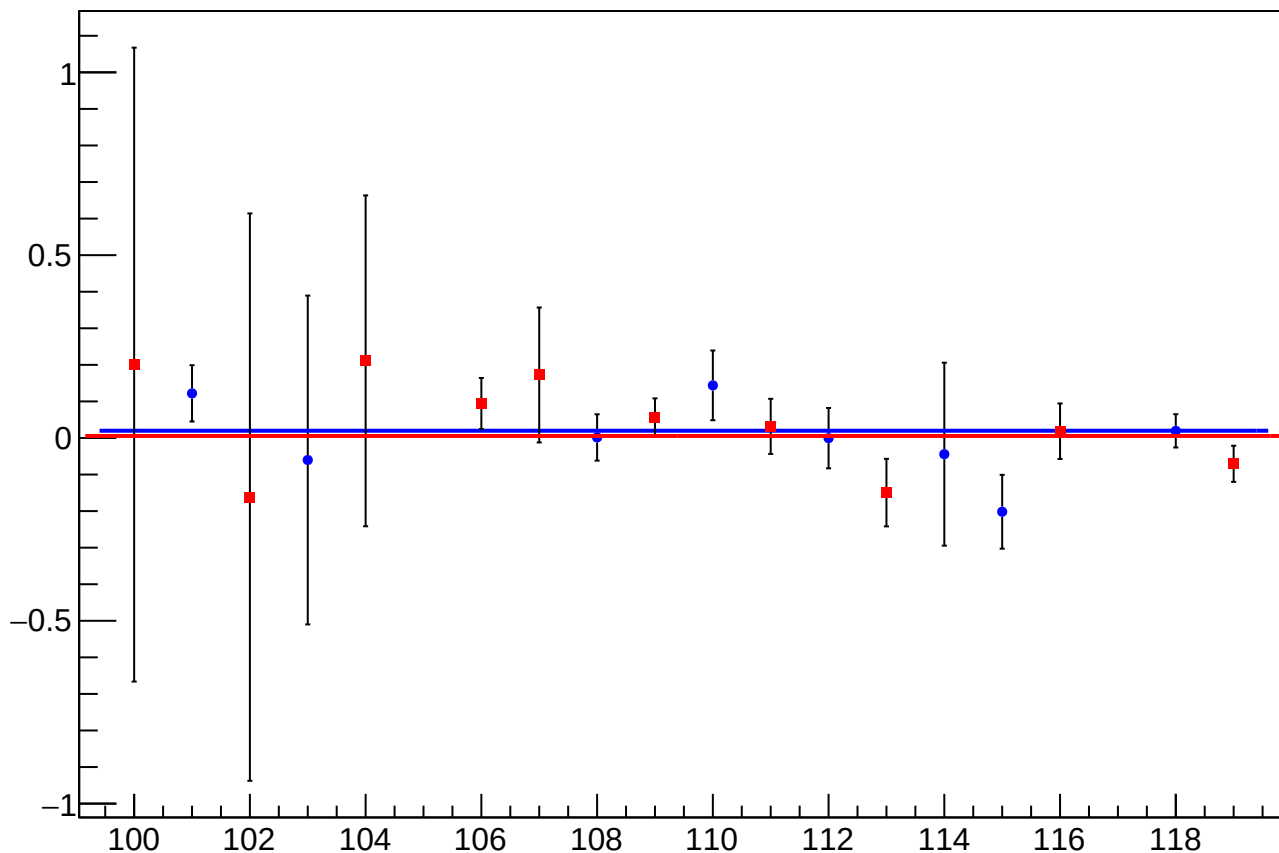
Right: 0.000+/-0.000 χ^2/NDF : 1145037.5/17

In: 0.000+/-0.000 χ^2/NDF : 767066.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1145037.5/17

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

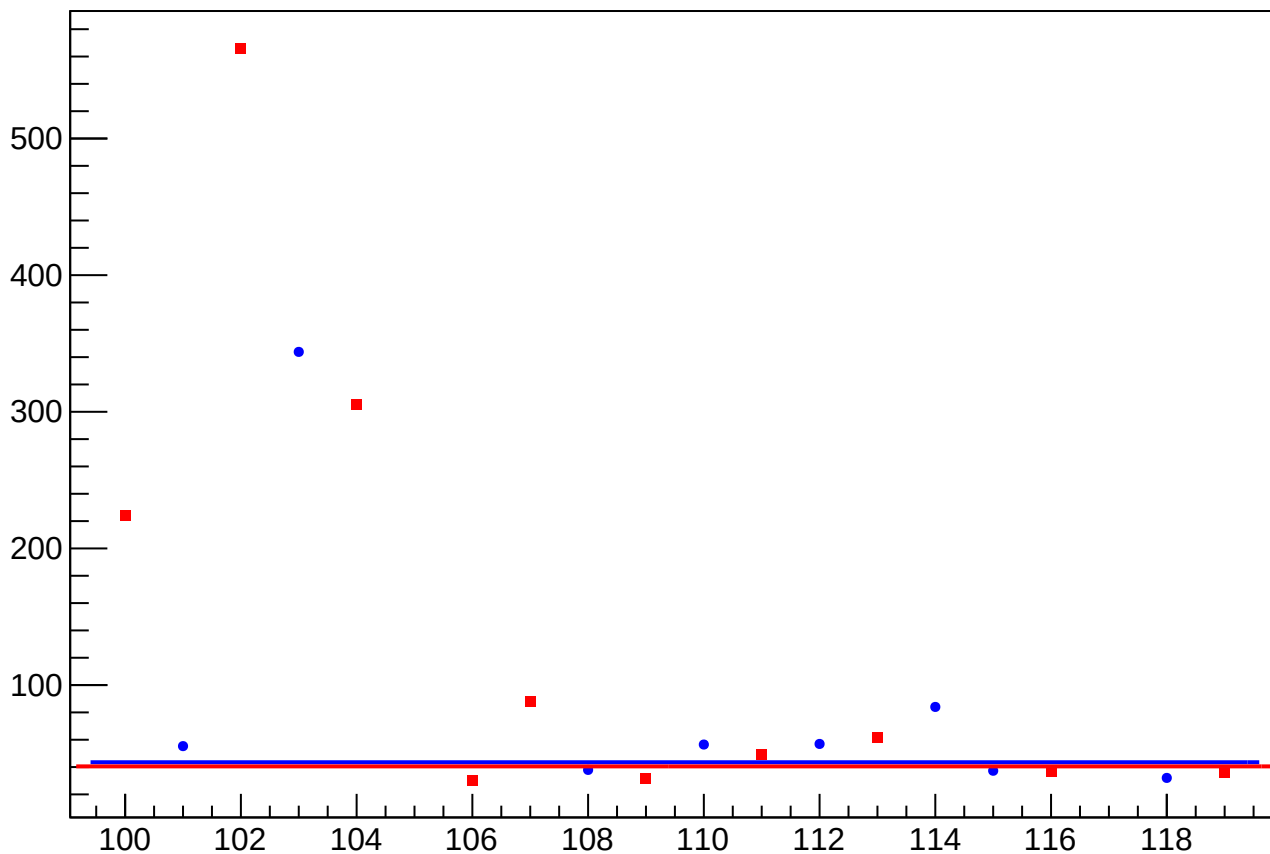
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_at1_dd_at2_dd_avg_dit_vs_slug_Sign_Corrected



Right In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

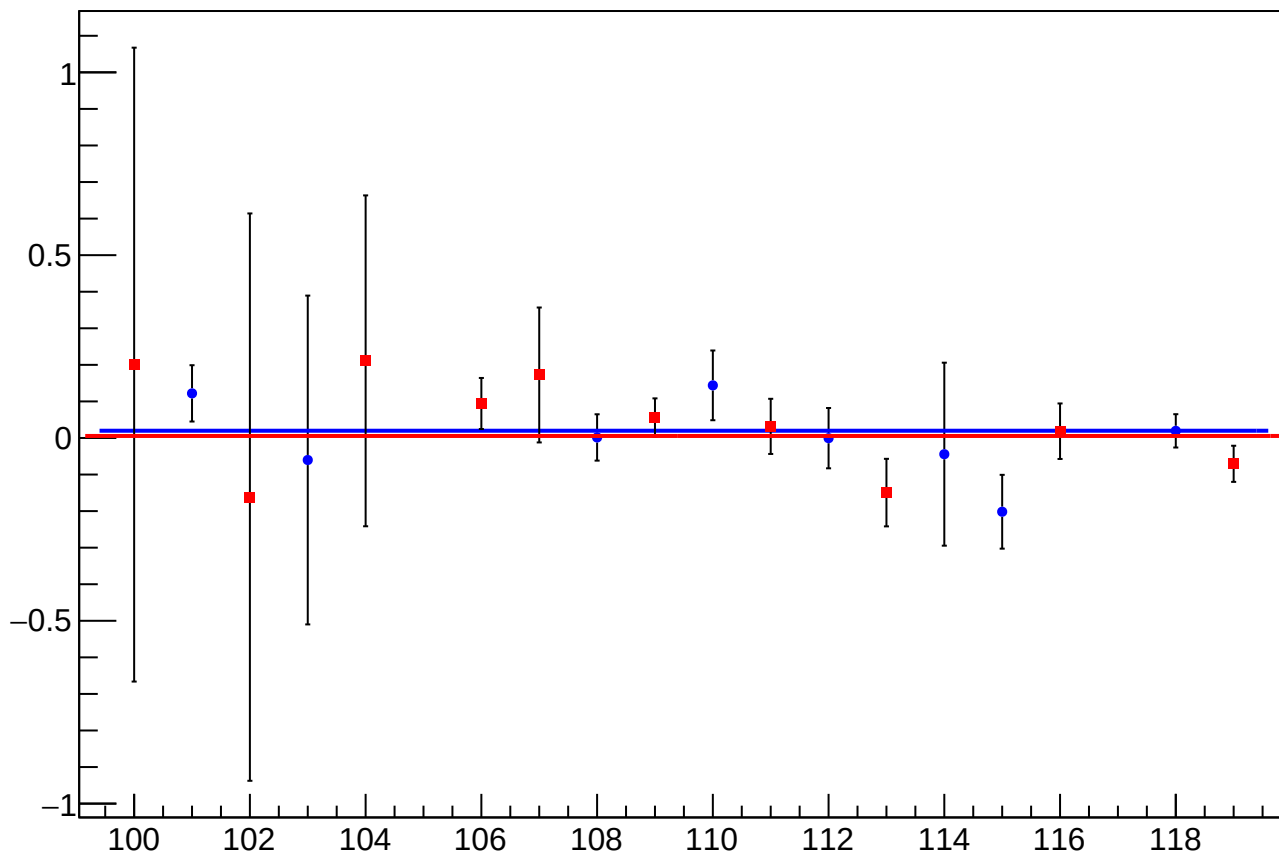
Right: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

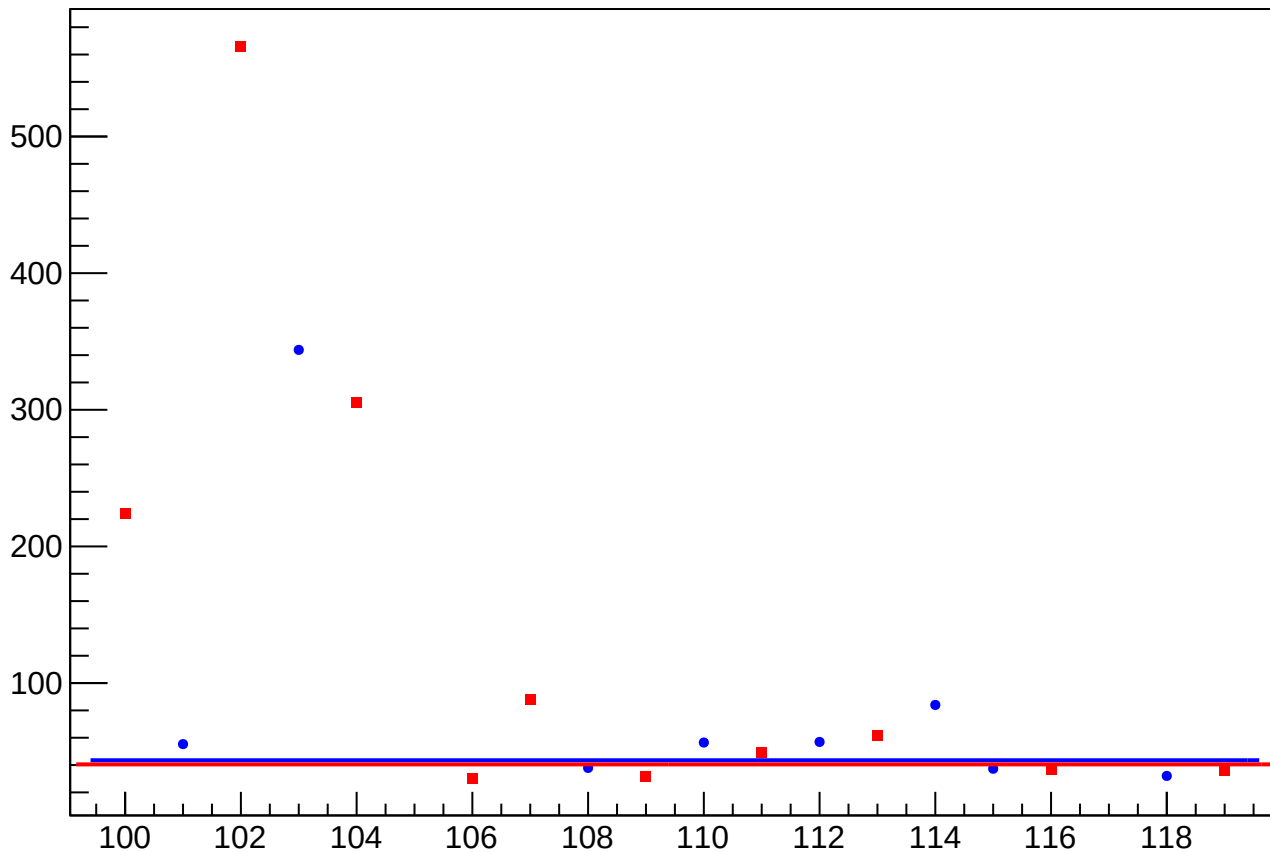
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.496+/-0.018 χ^2/NDF : 2084771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

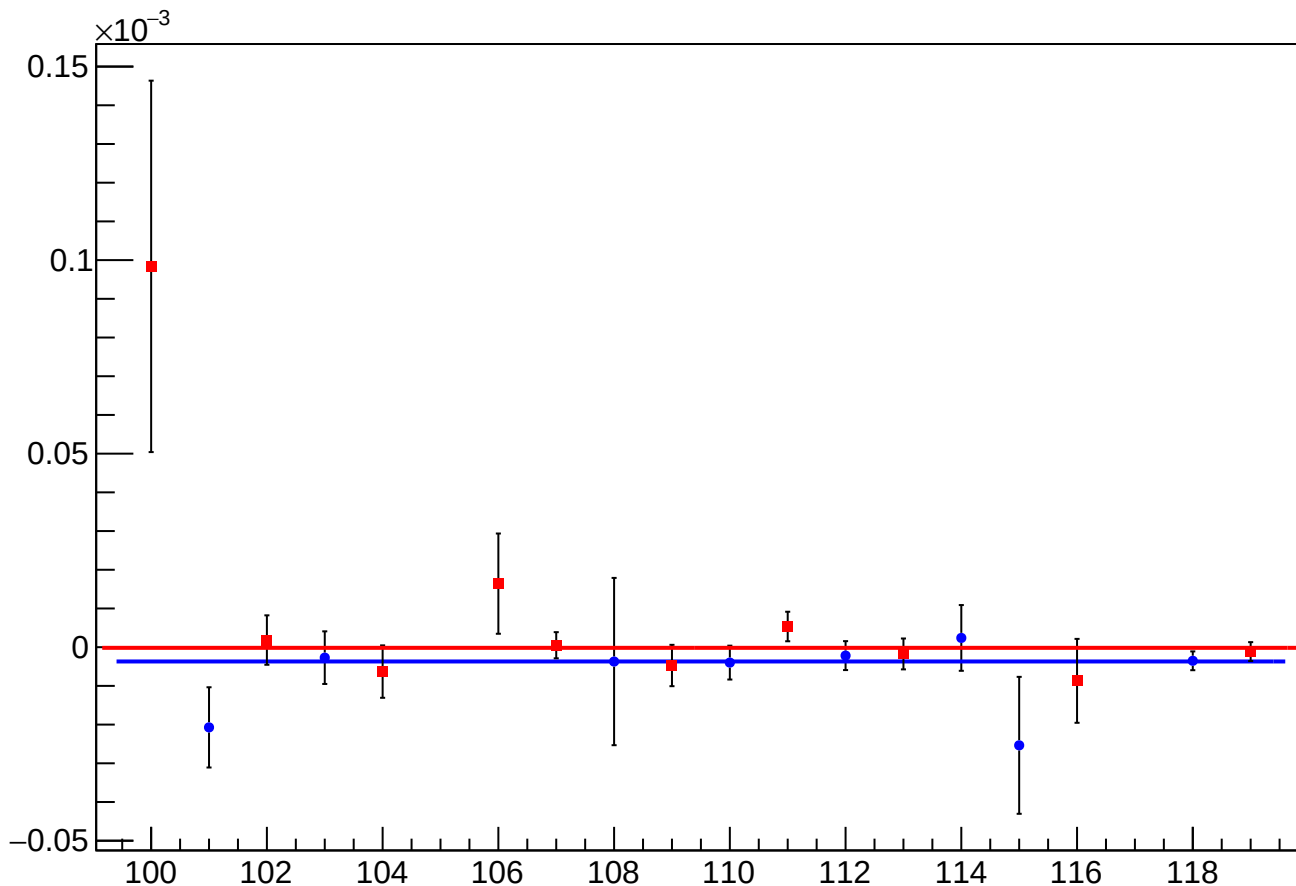
Right: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

In: 43.519+/-0.020 χ^2/NDF : 1231025.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.893+/-0.013 χ^2/NDF : 3328337.1/17

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: 4.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 10.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

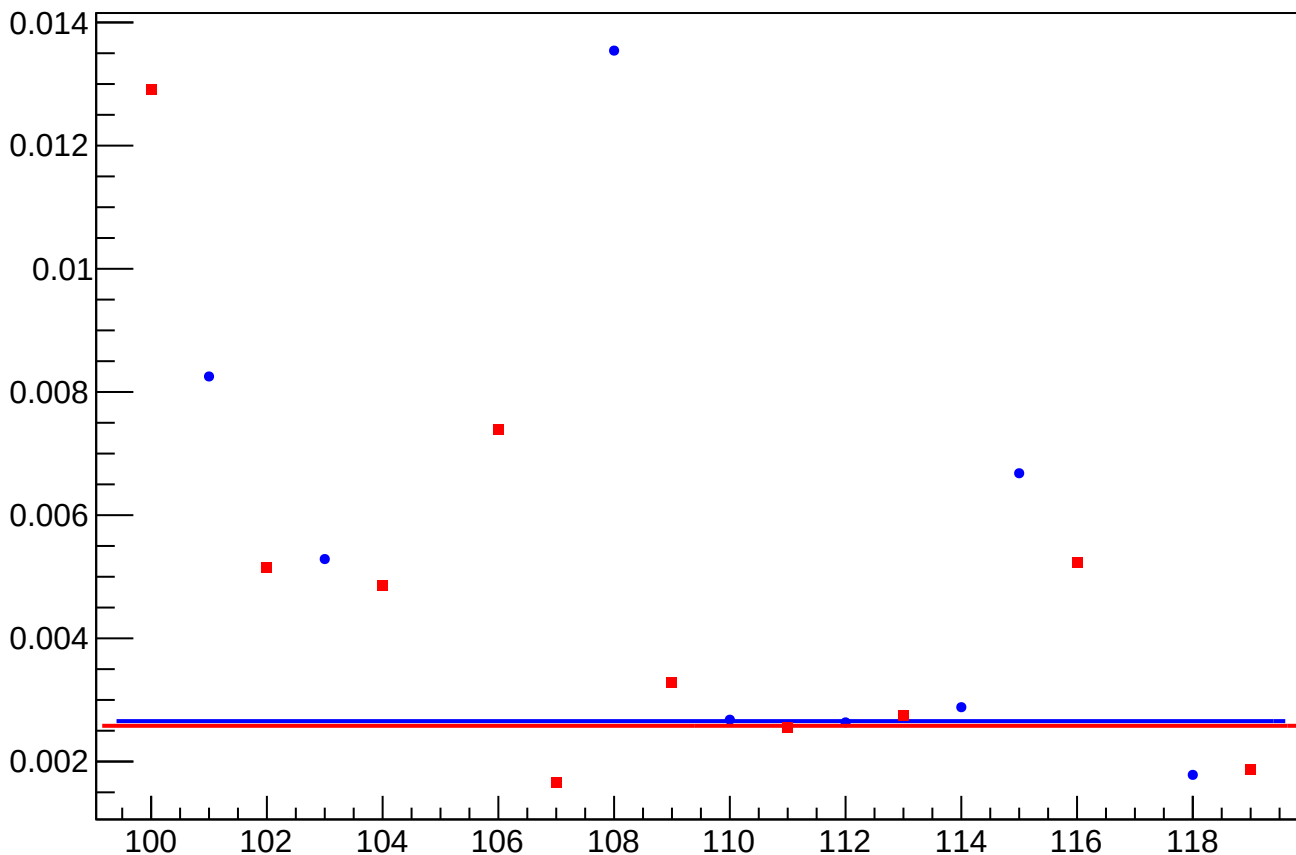
Right: -0.000+/-0.000 χ^2 /NDF: 18.0/17

In: -0.000+/-0.000 χ^2 /NDF:4.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.0/17

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1753494.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1395657.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

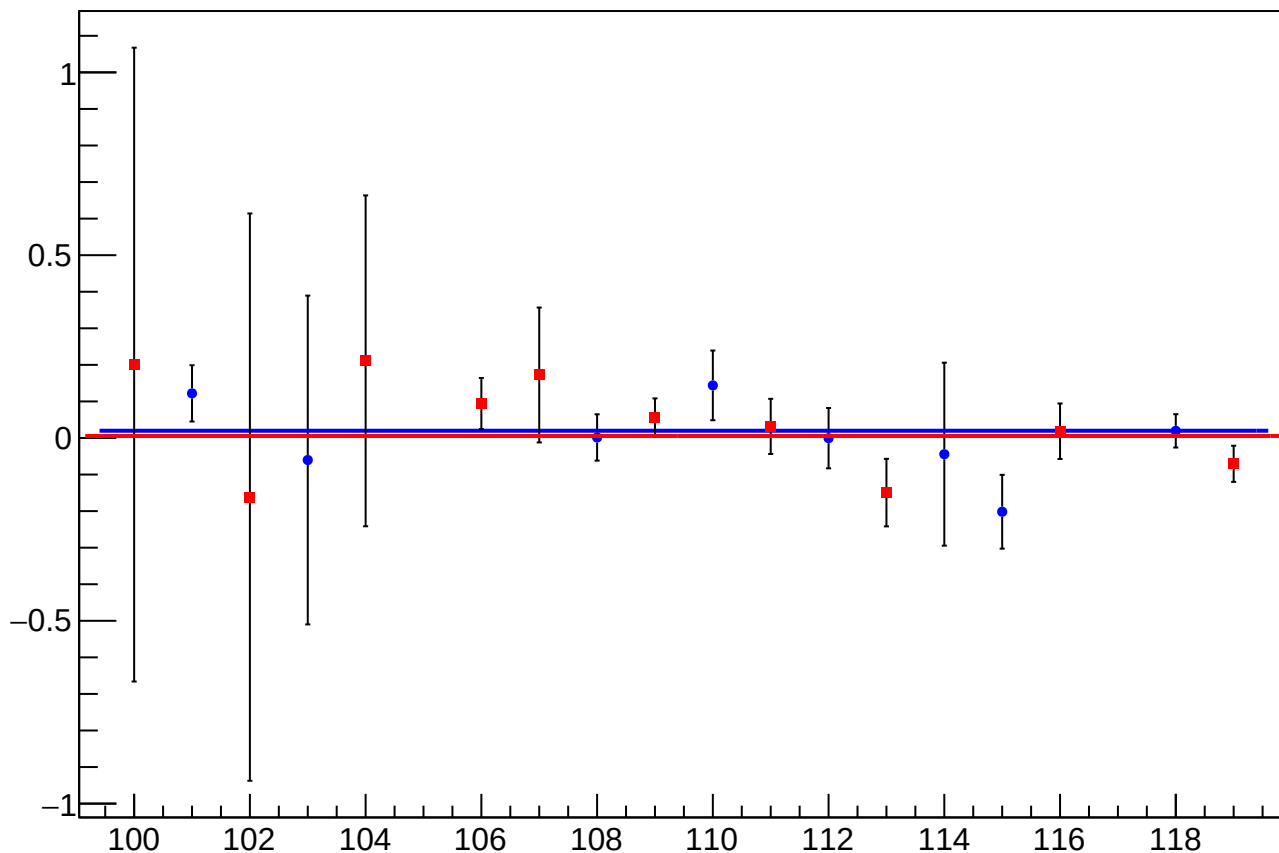
Right: 0.003+/-0.000 χ^2/NDF : 3151478.8/17

In: 0.003+/-0.000 χ^2/NDF : 1753494.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3151478.8/17

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

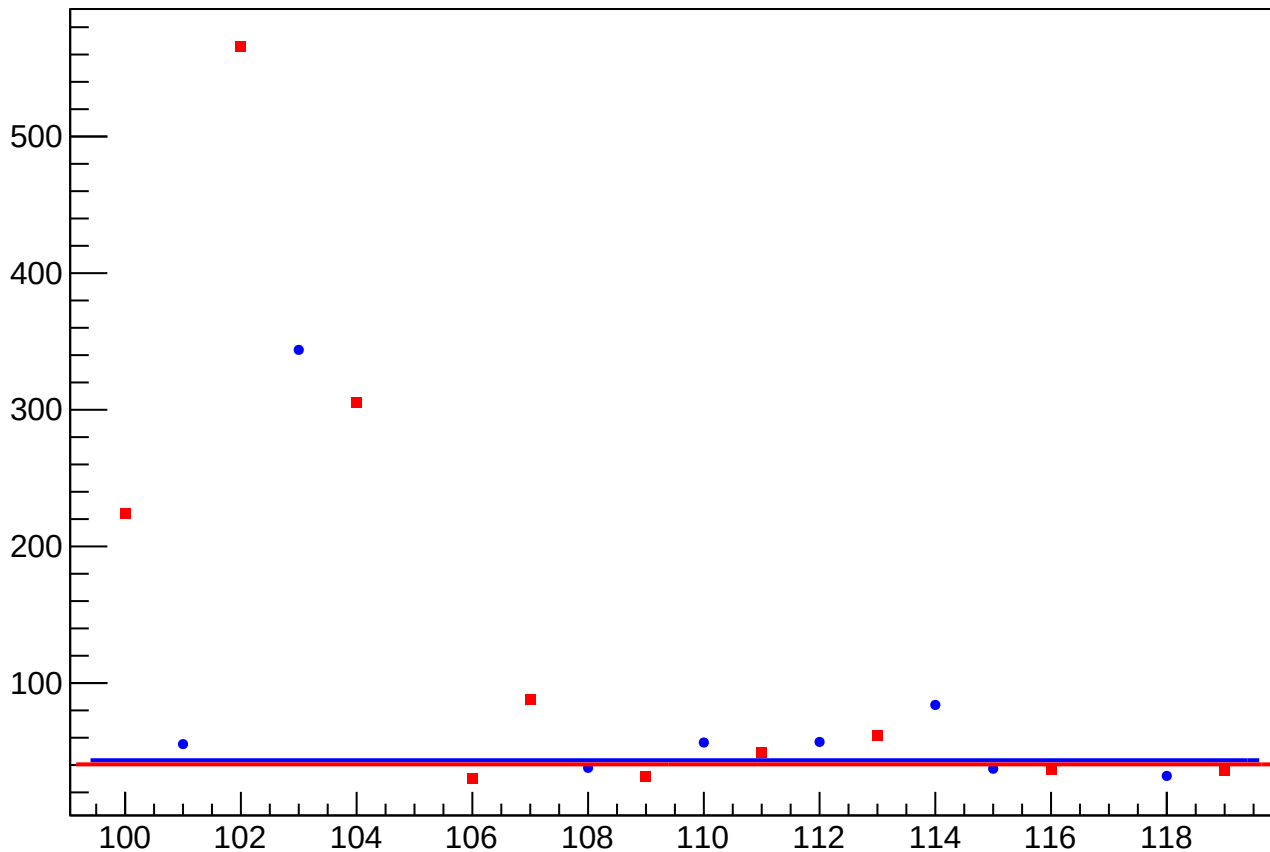
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

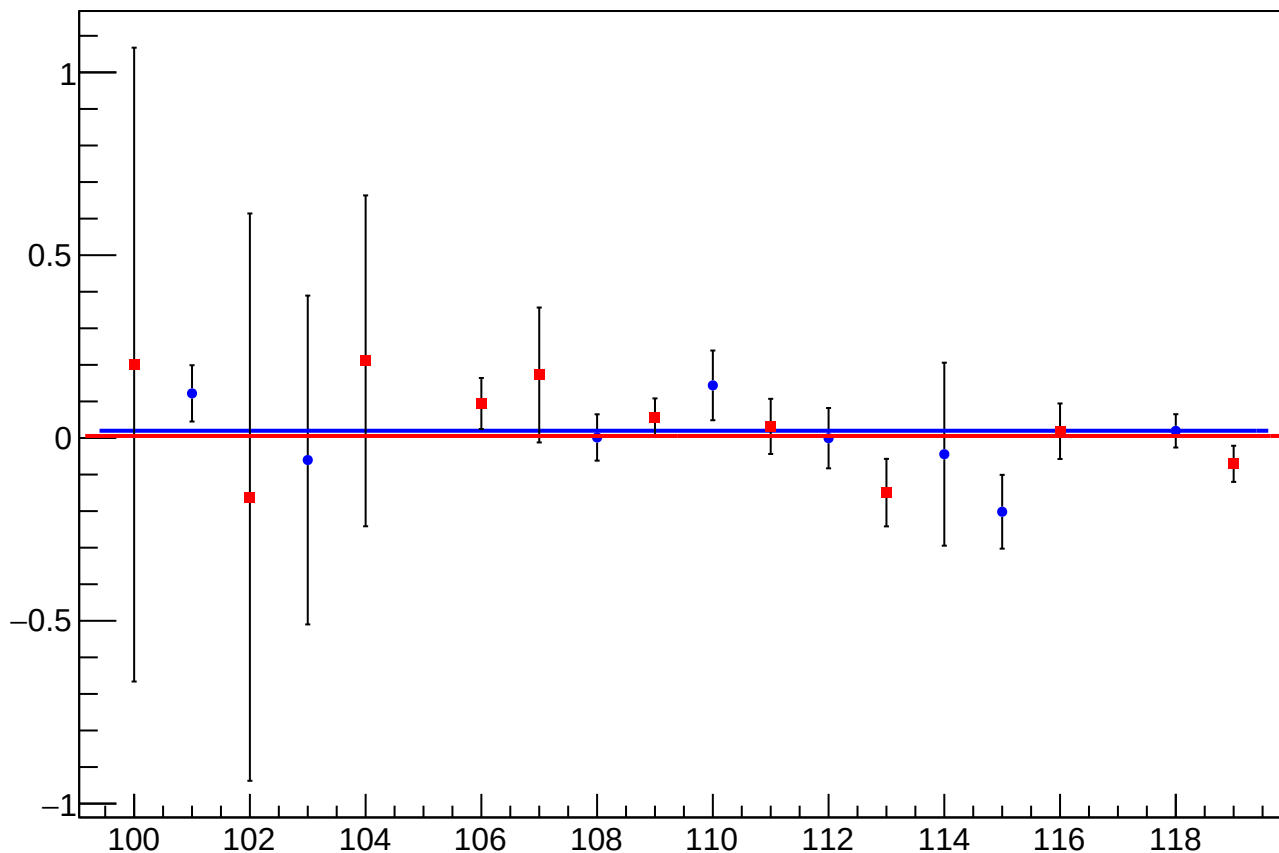
Right: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.028 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.026 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

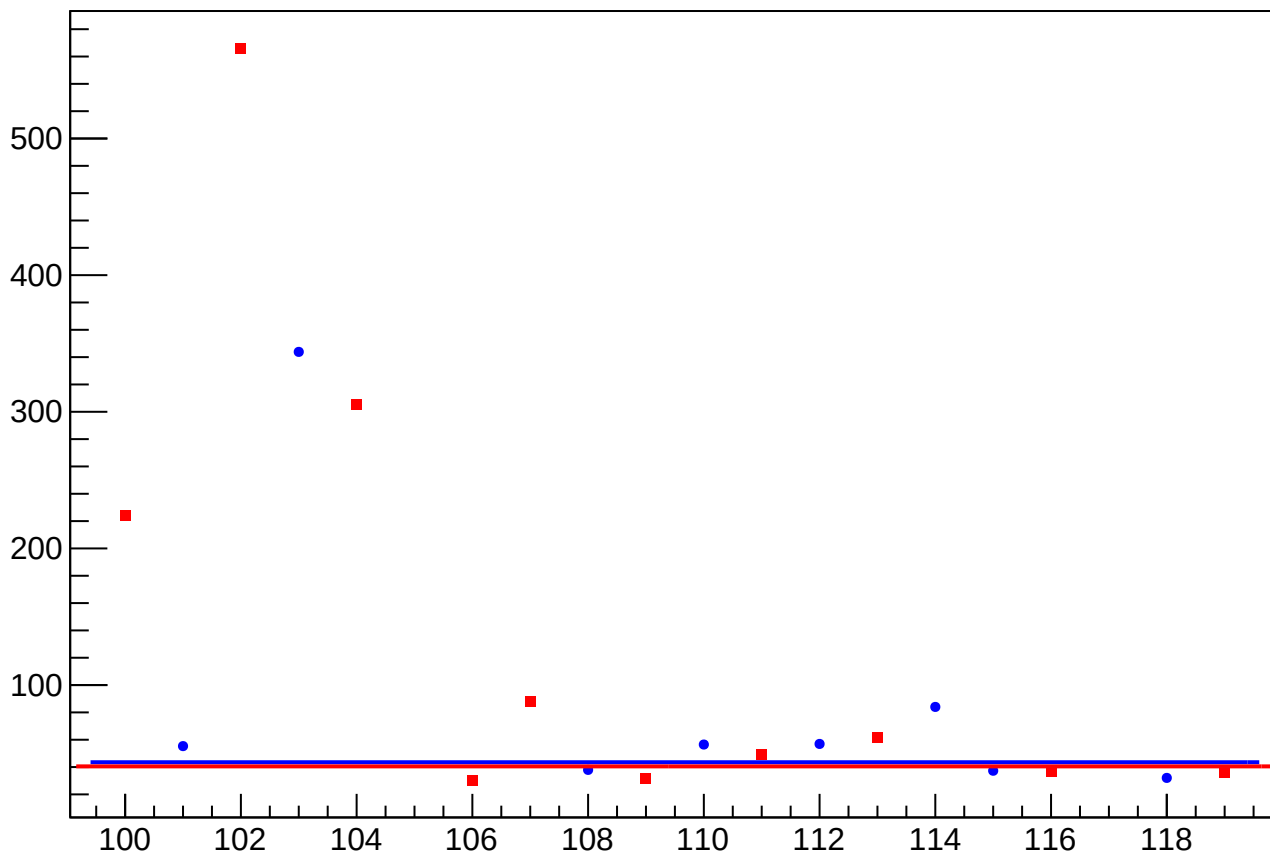
Right: 0.012+/-0.019 χ^2/NDF : 17.7/17

In: 0.020+/-0.028 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.019 χ^2/NDF : 17.7/17

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.494+/-0.018 χ^2/NDF : 2084814.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

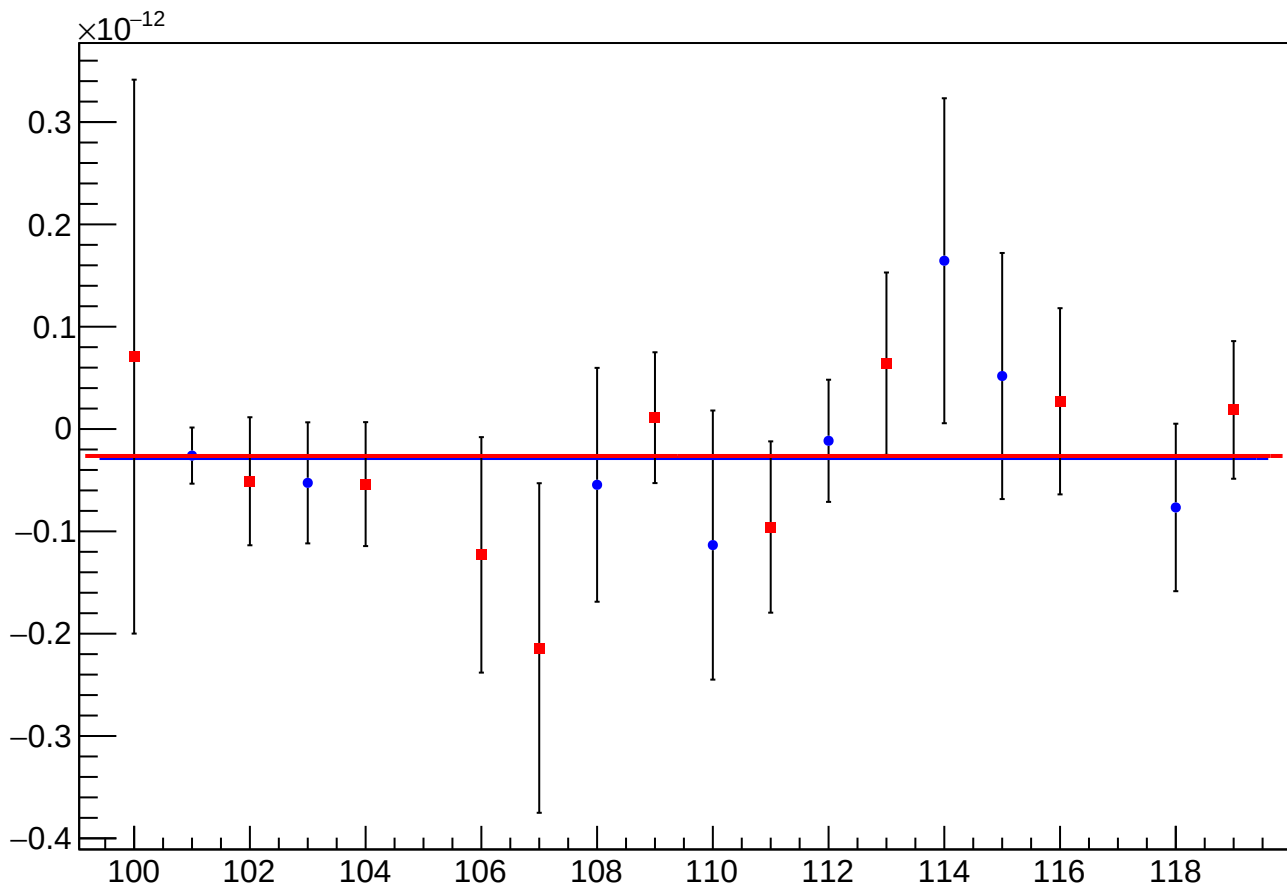
Right: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

In: 43.521+/-0.020 χ^2/NDF : 1231004.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.894+/-0.013 χ^2/NDF : 3328384.8/17

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 : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

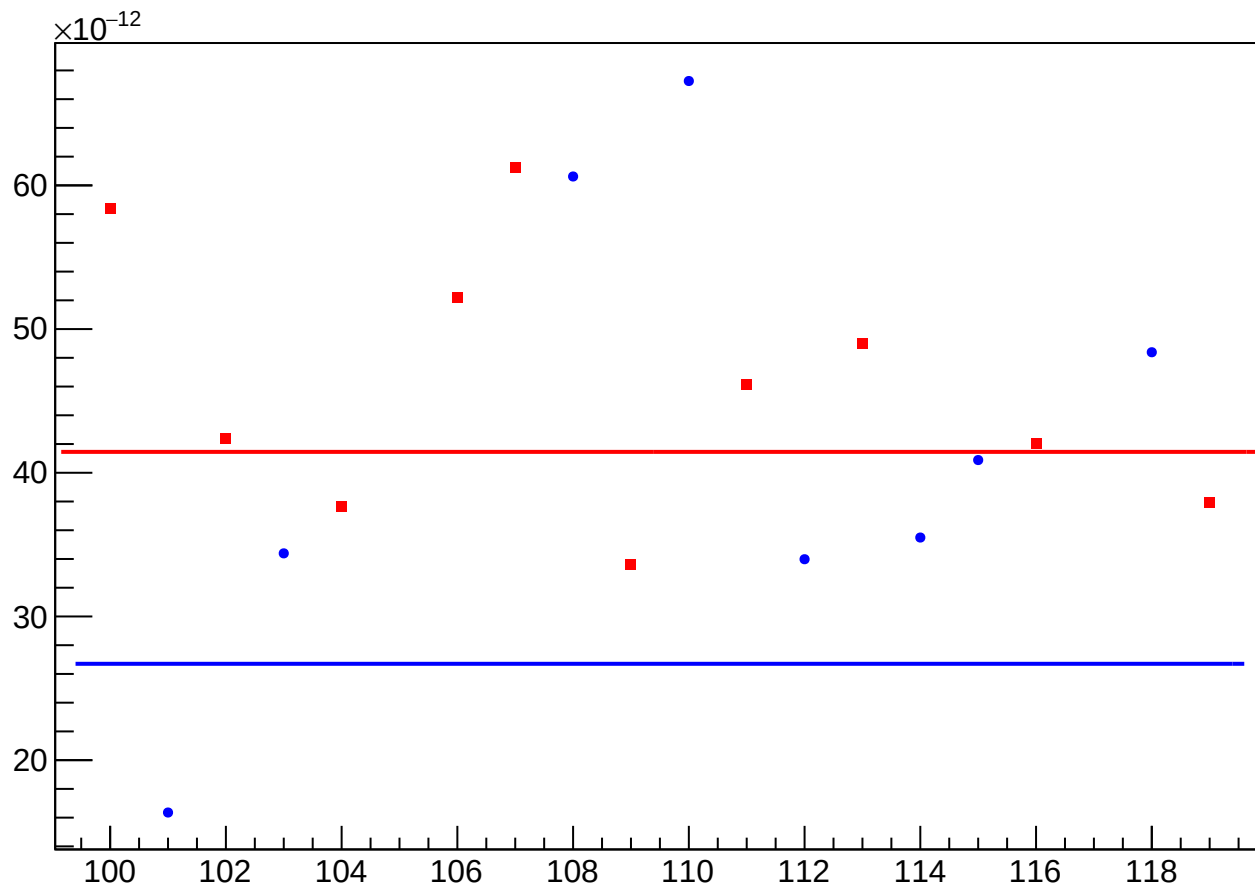
Right: -0.000+/-0.000 χ^2/NDF : 8.4/17

In: -0.000+/-0.000 χ^2/NDF :3.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/17

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 : 888748.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 120156.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

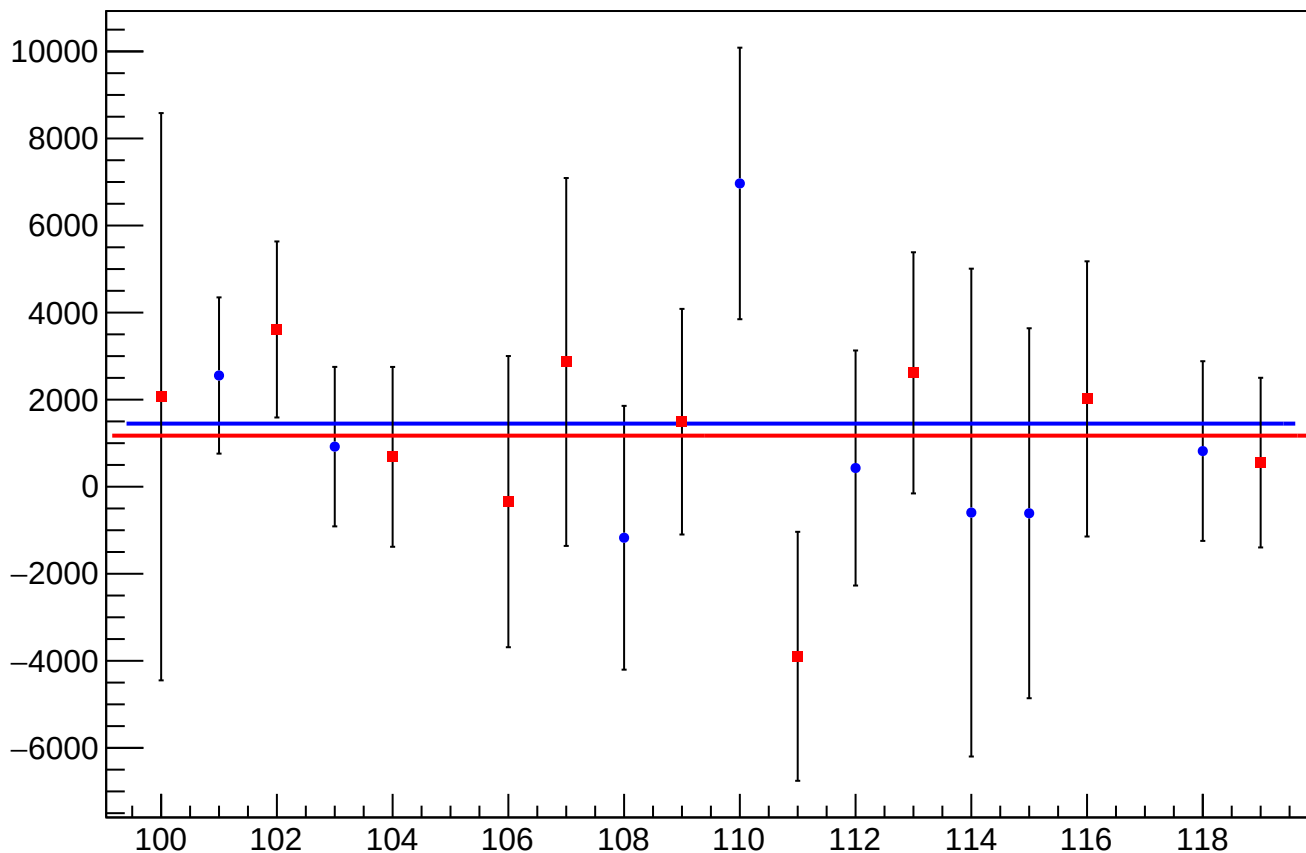
Right: 0.000+/-0.000 χ^2/NDF : 1404736.0/17

In: 0.000+/-0.000 χ^2/NDF : 888748.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1404736.0/17

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1449.472+/-884.112 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.088+/-841.362 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

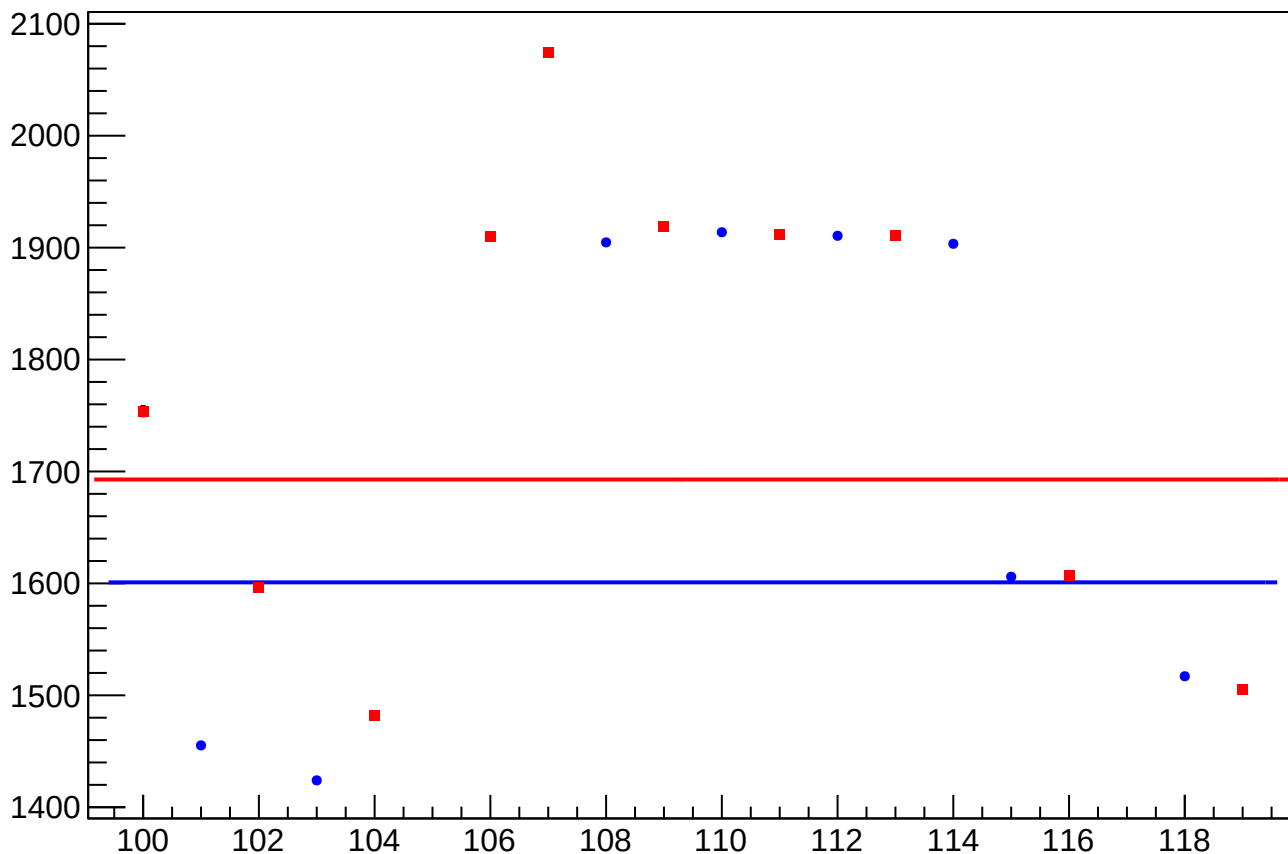
Right: 1304.437+/-609.486 χ^2/NDF : 10.5/17

In: 1449.472+/-884.112 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1304.437+/-609.486 χ^2/NDF : 10.5/17

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1600.923+/-0.625 χ^2/NDF : 107488.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1692.843+/-0.595 χ^2/NDF : 109747.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

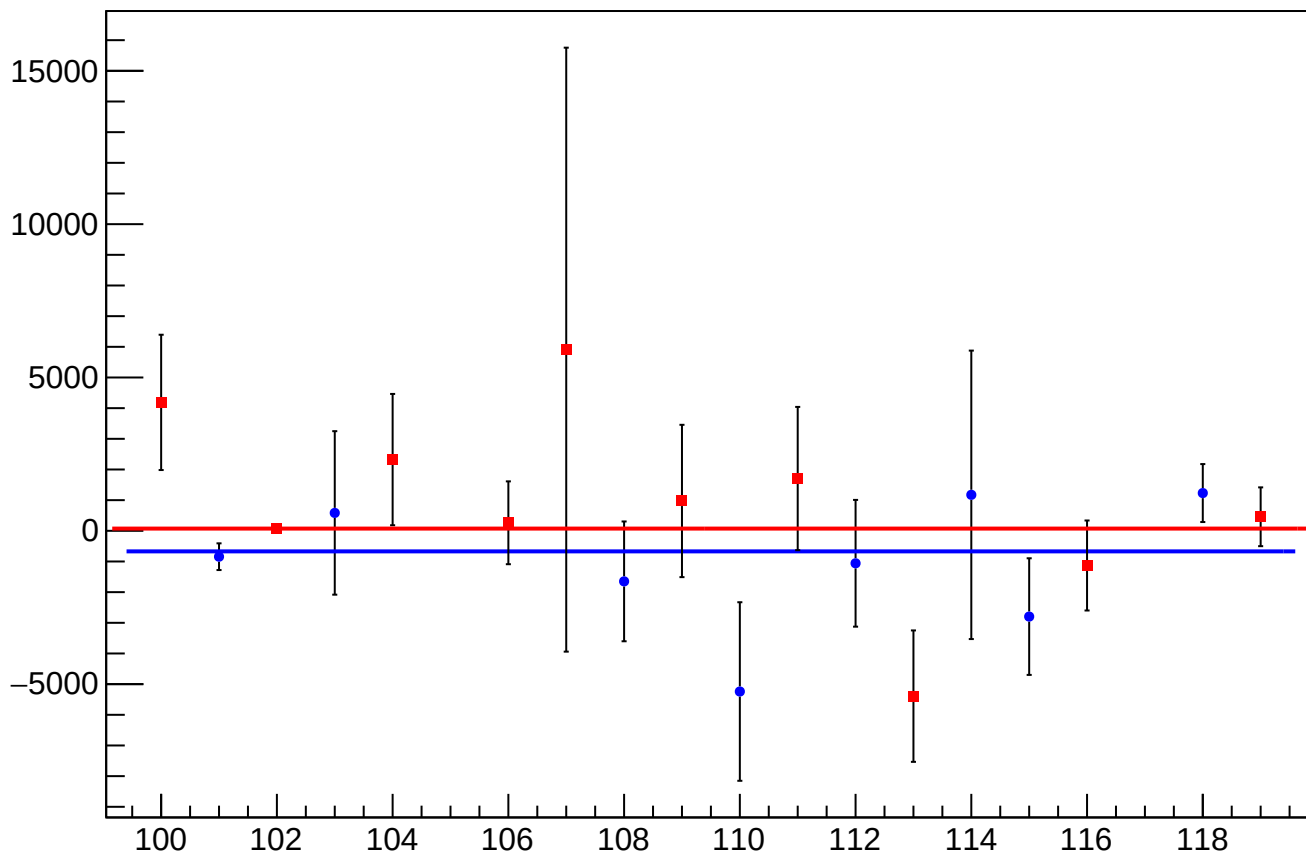
Right: 1649.159+/-0.431 χ^2/NDF : 228580.8/17

In: 1600.923+/-0.625 χ^2/NDF : 107488.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.159+/-0.431 χ^2/NDF : 228580.8/17

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -670.318+/-365.855 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.781+/-133.860 χ^2/NDF : 12.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

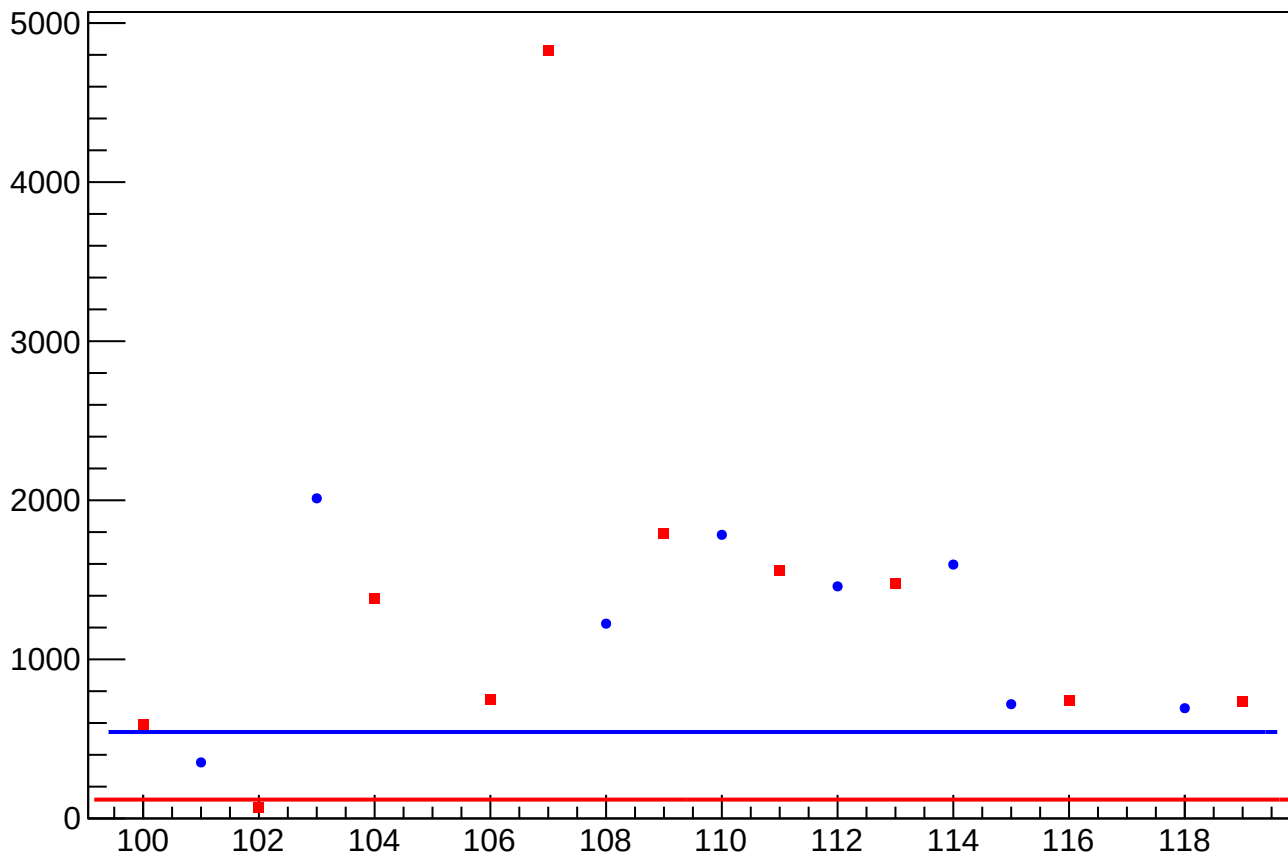
Right: -14.953+/-125.710 χ^2/NDF : 25.1/17

In: -670.318+/-365.855 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.953+/-125.710 χ^2/NDF : 25.1/17

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 543.509+/-0.259 χ^2/NDF : 2158108.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.429+/-0.095 χ^2/NDF : 5589189.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

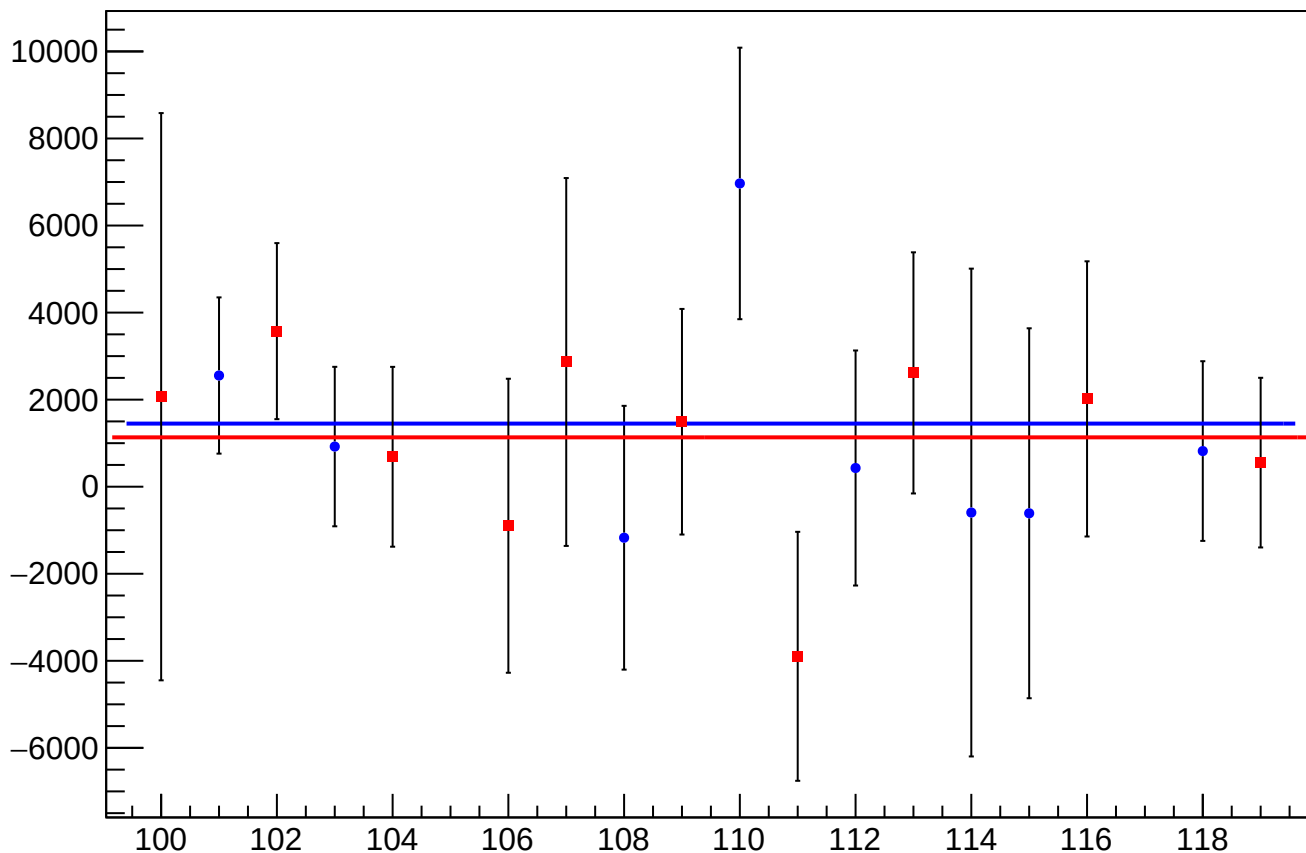
Right: 168.616+/-0.089 χ^2/NDF : 10128470.2/17

In: 543.509+/-0.259 χ^2/NDF : 2158108.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.616+/-0.089 χ^2/NDF : 10128470.2/17

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1449.827+/-884.112 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.764+/-841.889 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

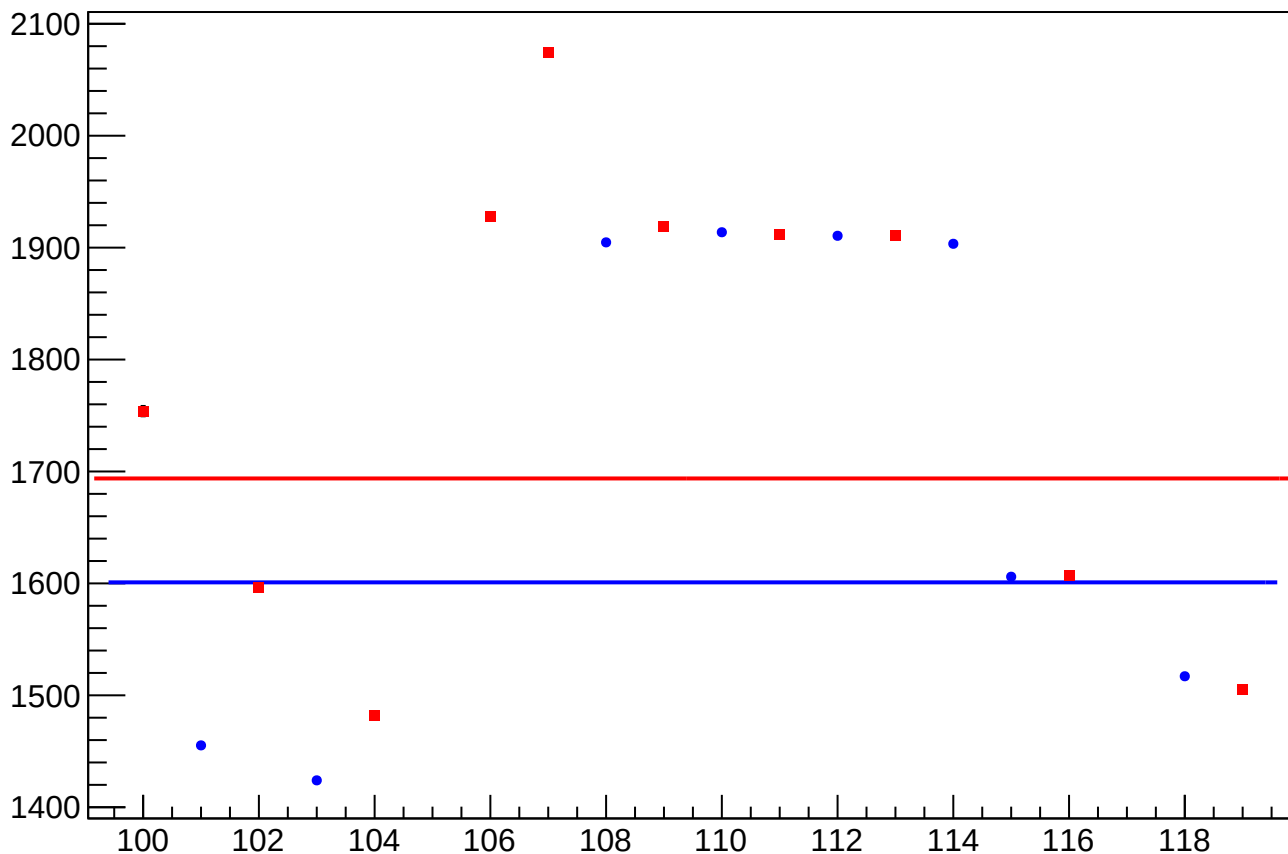
Right: 1284.068+/-609.686 χ^2/NDF : 10.6/17

In: 1449.827+/-884.112 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.068+/-609.686 χ^2/NDF : 10.6/17

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1600.923+/-0.625 χ^2/NDF : 107488.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.759+/-0.595 χ^2/NDF : 111019.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

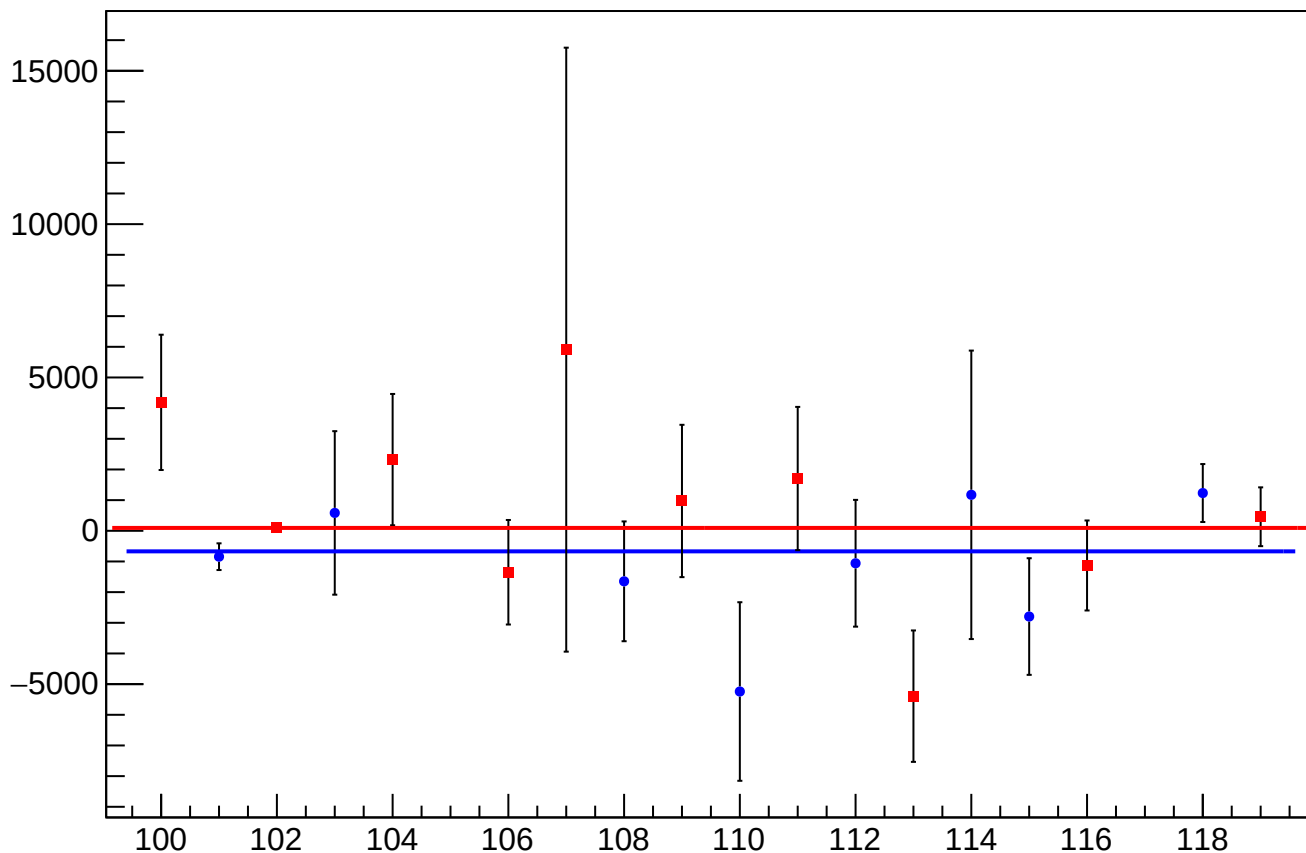
Right: 1649.611+/-0.431 χ^2/NDF : 230072.4/17

In: 1600.923+/-0.625 χ^2/NDF : 107488.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.611+/-0.431 χ^2/NDF : 230072.4/17

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -670.331+/-365.853 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.964+/-146.033 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

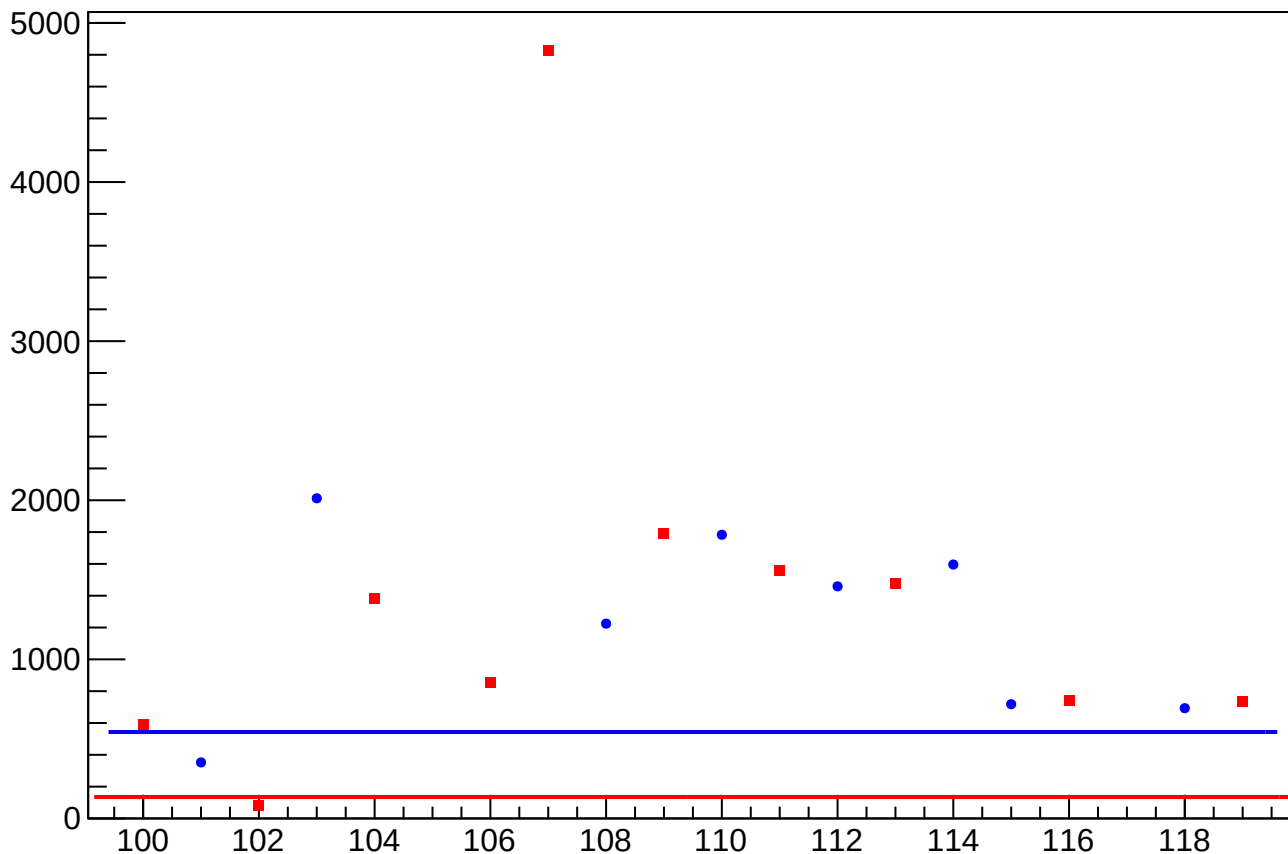
Right: -11.073+/-135.628 χ^2/NDF : 25.9/17

In: -670.331+/-365.853 χ^2/NDF :8.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.073+/-135.628 χ^2/NDF : 25.9/17

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 543.504+/-0.259 χ^2/NDF : 2158117.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.011+/-0.103 χ^2/NDF : 5382110.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

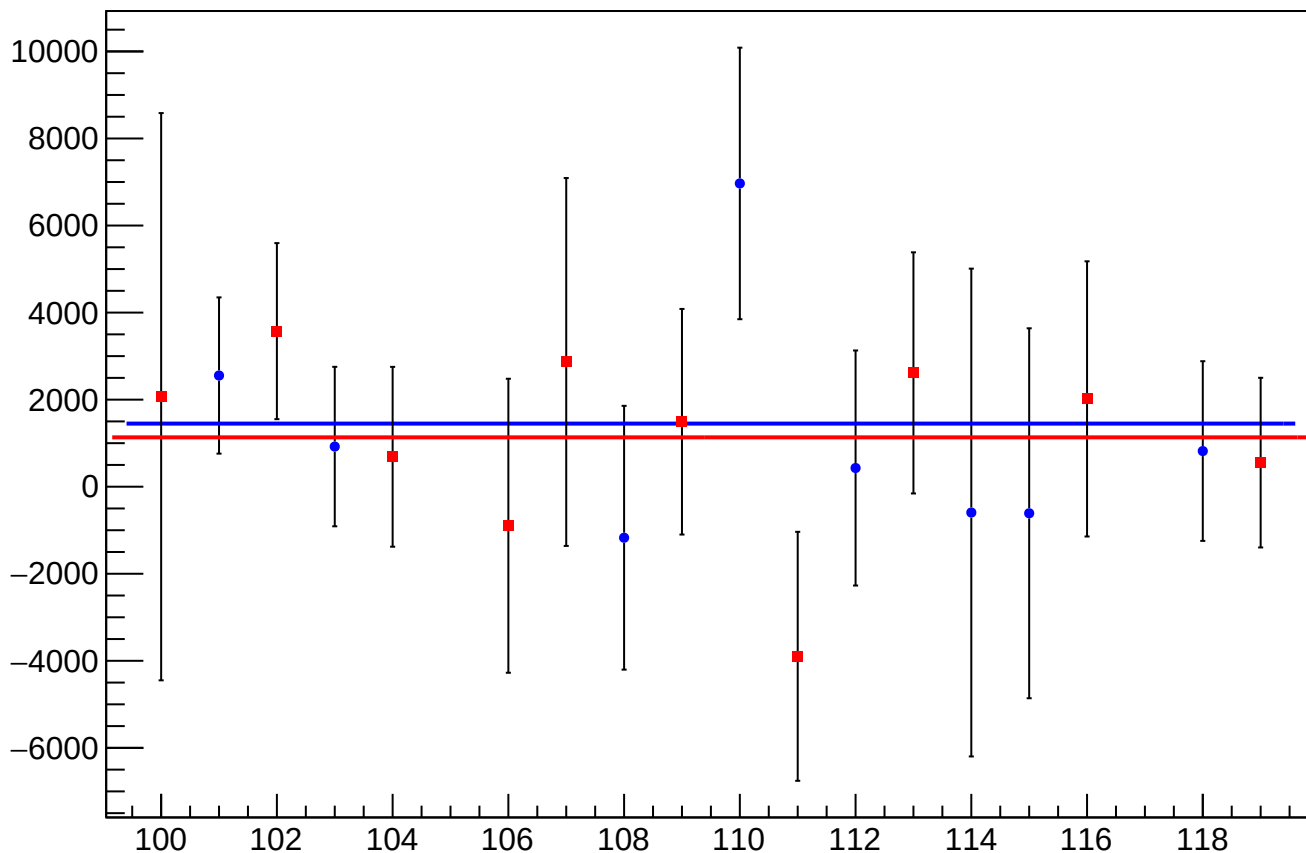
Right: 191.151+/-0.096 χ^2/NDF : 9690928.2/17

In: 543.504+/-0.259 χ^2/NDF : 2158117.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.151+/-0.096 χ^2/NDF : 9690928.2/17

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1449.827+/-884.112 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.764+/-841.889 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

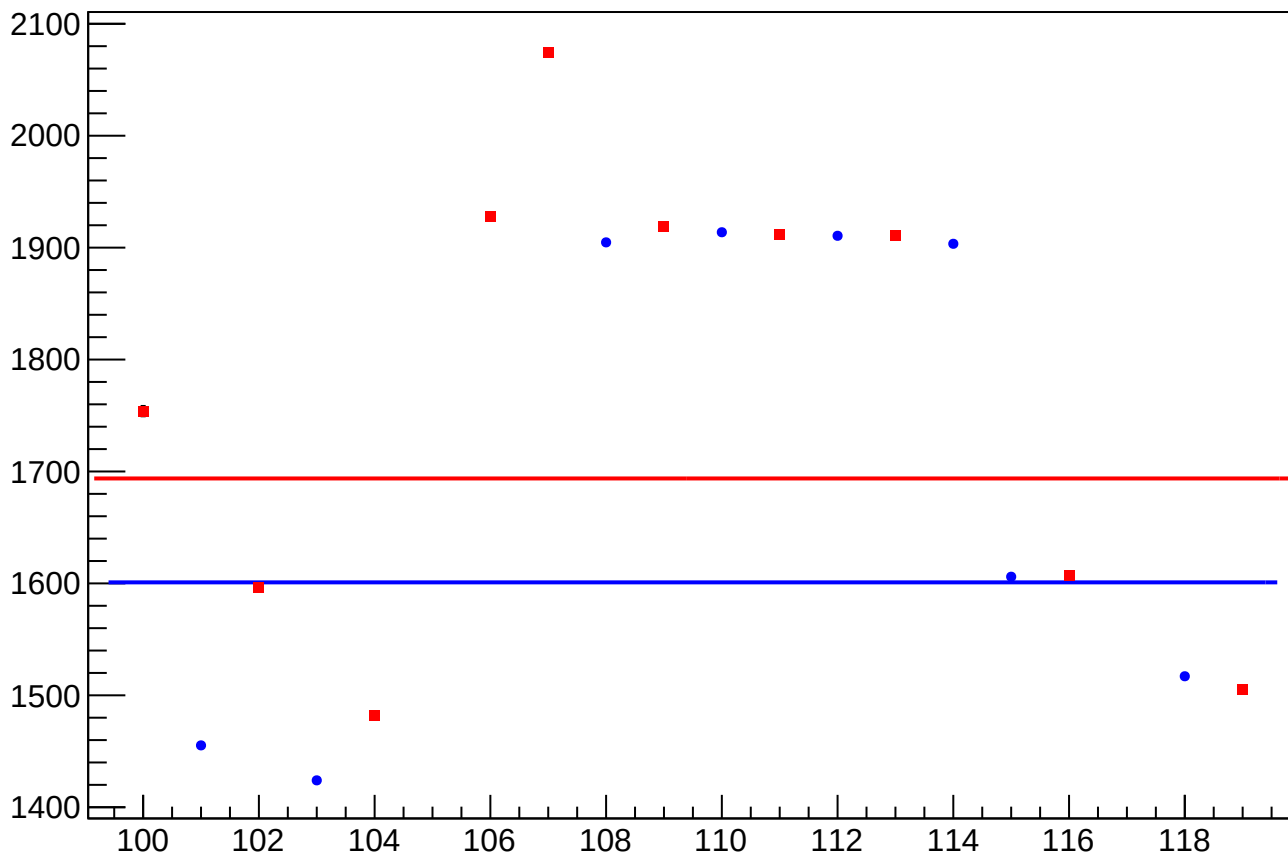
Right: 1284.068+/-609.686 χ^2/NDF : 10.6/17

In: 1449.827+/-884.112 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1284.068+/-609.686 χ^2/NDF : 10.6/17

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1600.923+/-0.625 χ^2/NDF : 107488.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.759+/-0.595 χ^2/NDF : 111019.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

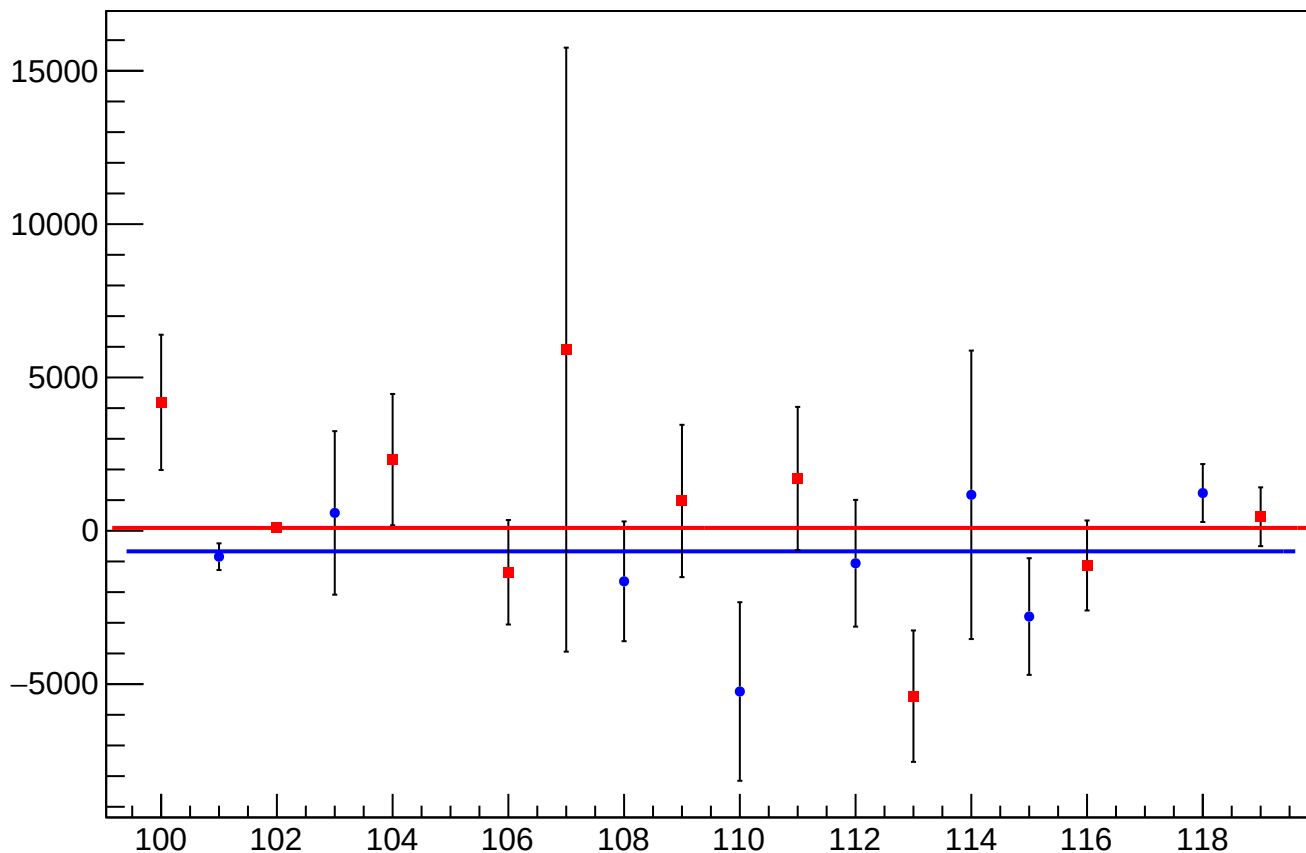
Right: 1649.611+/-0.431 χ^2/NDF : 230072.4/17

In: 1600.923+/-0.625 χ^2/NDF : 107488.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.611+/-0.431 χ^2/NDF : 230072.4/17

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -670.331+/-365.853 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 93.964+/-146.033 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

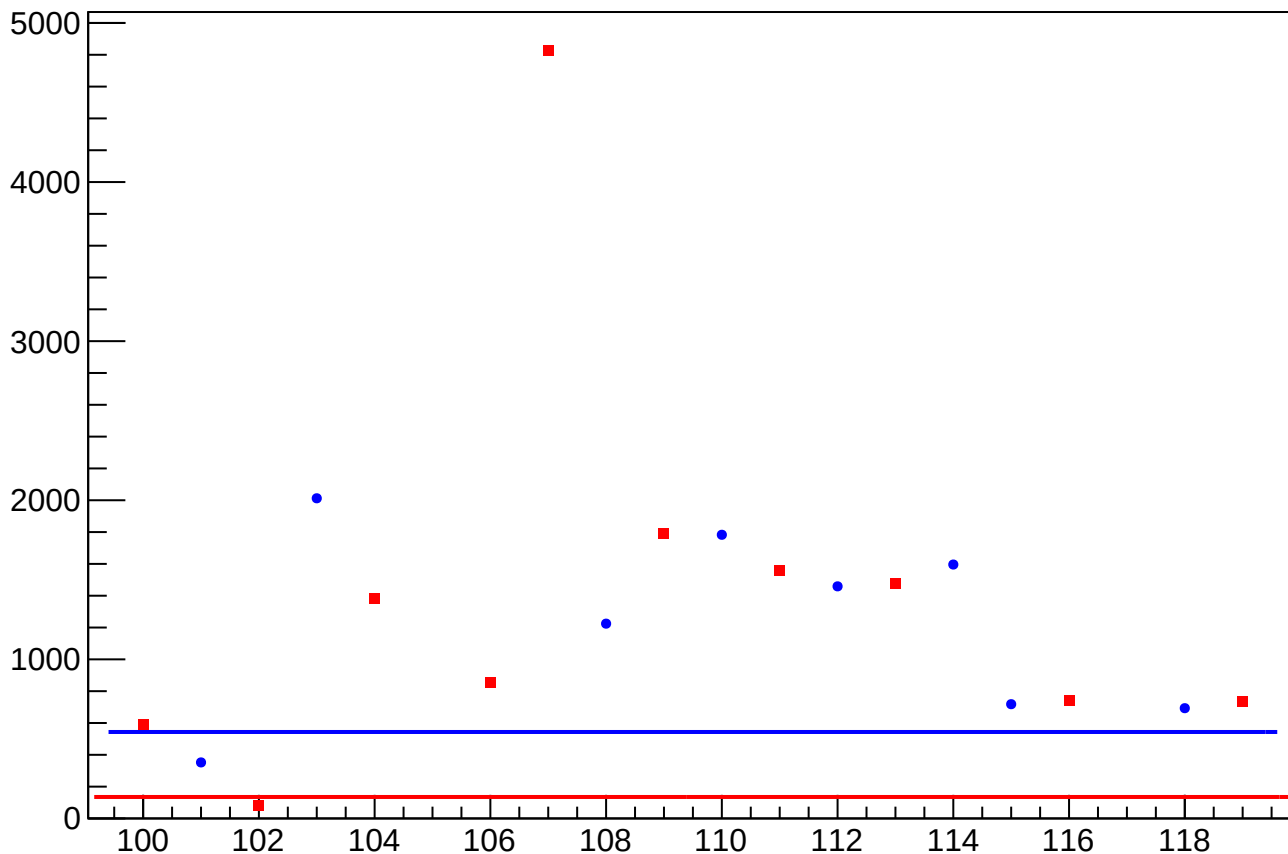
Right: -11.073+/-135.628 χ^2/NDF : 25.9/17

In: -670.331+/-365.853 χ^2/NDF :8.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.073+/-135.628 χ^2/NDF : 25.9/17

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 543.504+/-0.259 χ^2/NDF : 2158117.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.011+/-0.103 χ^2/NDF : 5382110.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

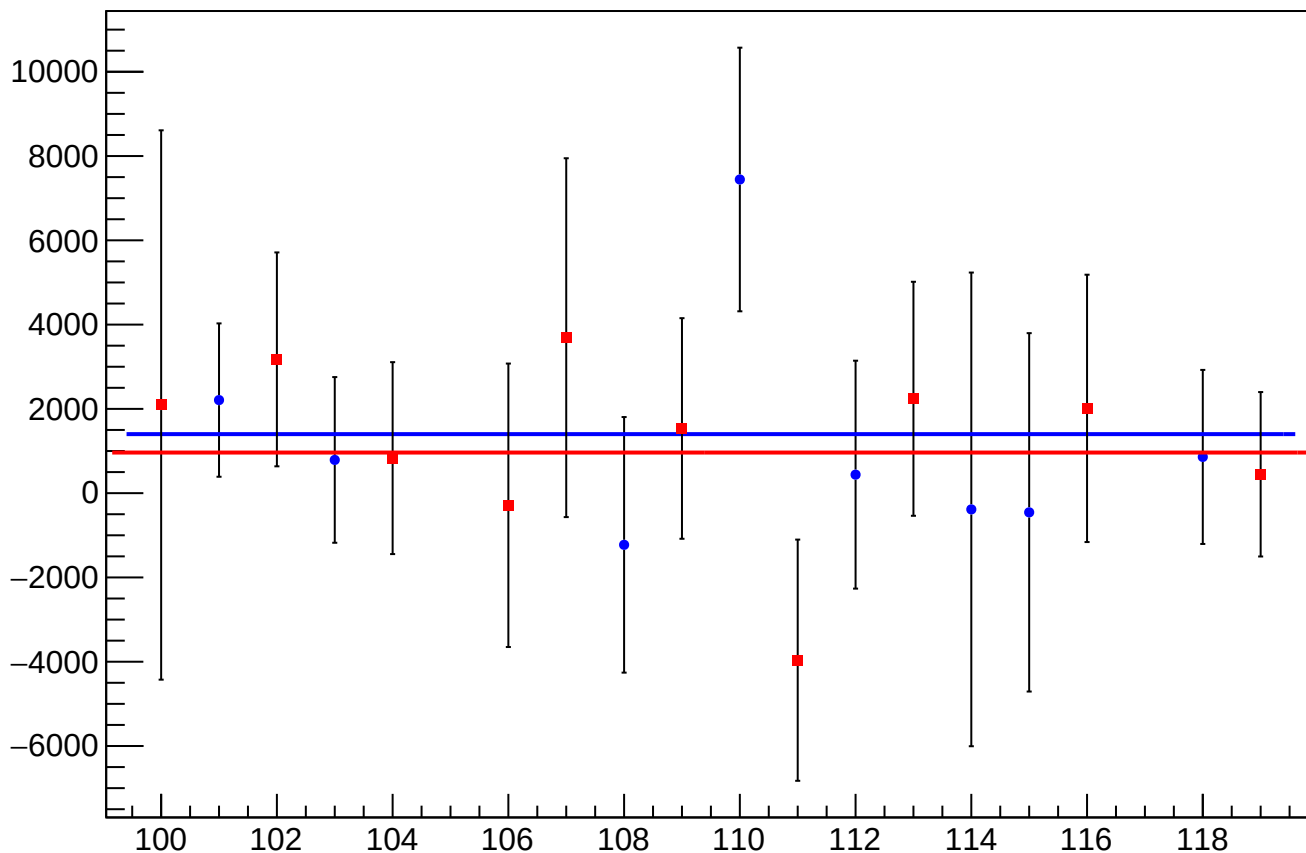
Right: 191.151+/-0.096 χ^2/NDF : 9690928.2/17

In: 543.504+/-0.259 χ^2/NDF : 2158117.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.151+/-0.096 χ^2/NDF : 9690928.2/17

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1400.880+/-901.721 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.771+/-885.600 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

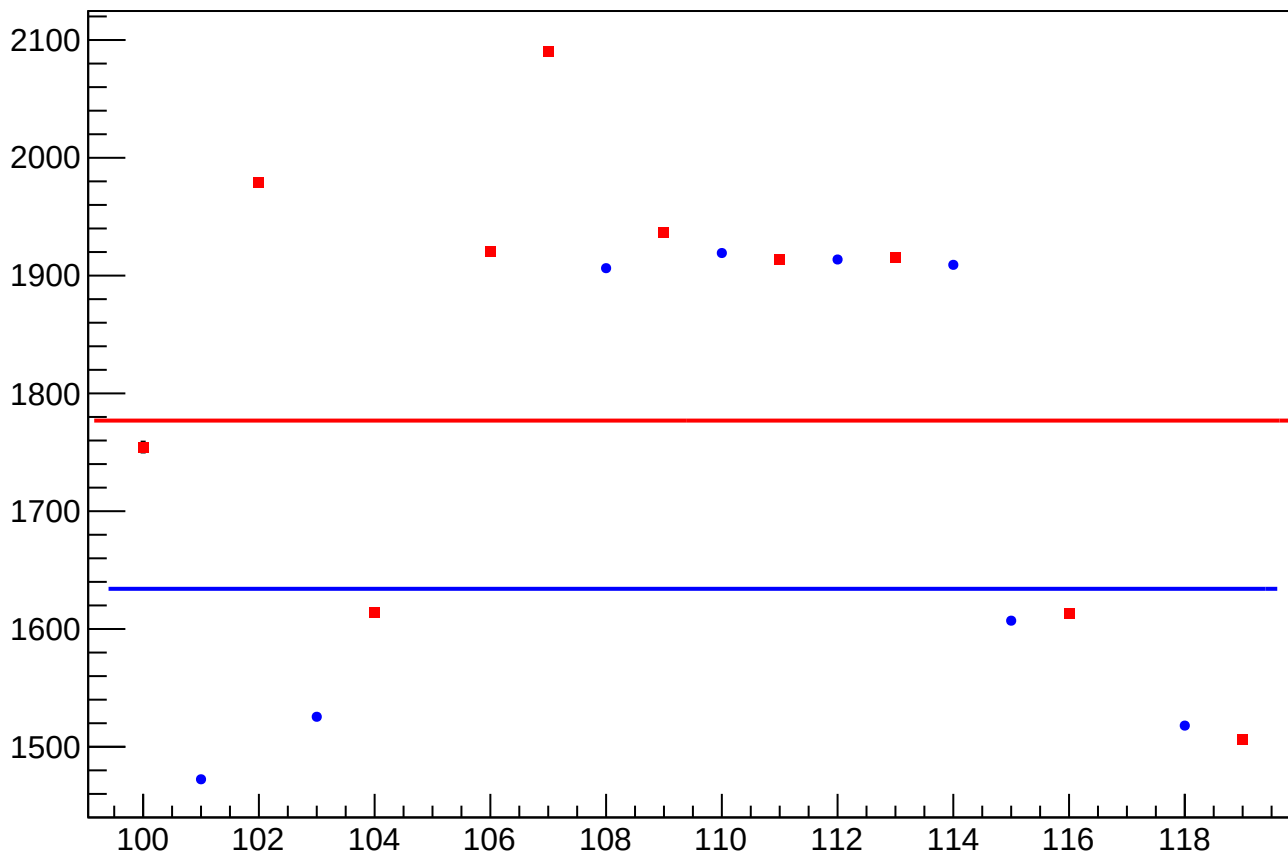
Right: 1178.383+/-631.836 χ^2/NDF : 10.1/17

In: 1400.880+/-901.721 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.383+/-631.836 χ^2/NDF : 10.1/17

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1634.110+/-0.638 χ^2/NDF : 87186.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.925+/-0.626 χ^2/NDF : 98305.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

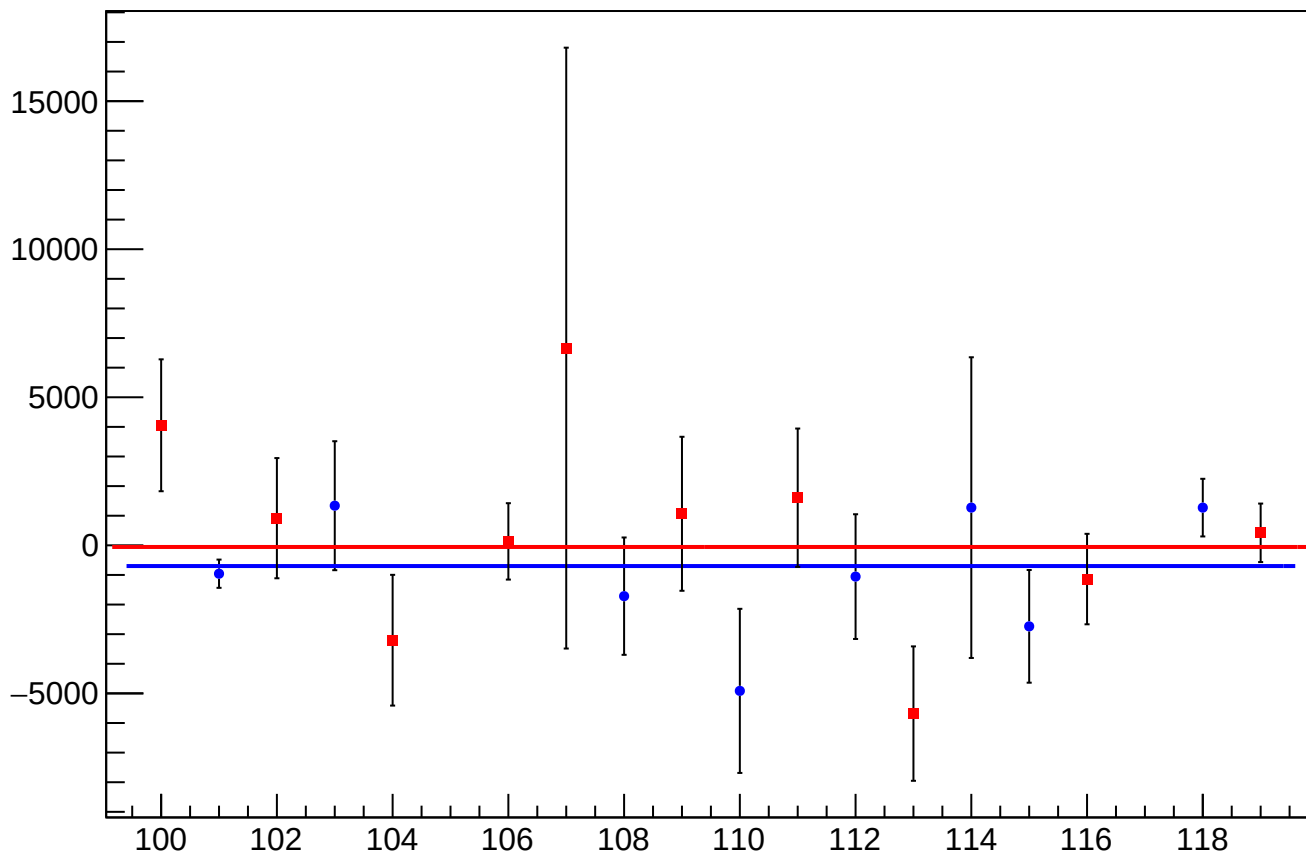
Right: 1706.806+/-0.447 χ^2/NDF : 211028.6/17

In: 1634.110+/-0.638 χ^2/NDF : 87186.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.806+/-0.447 χ^2/NDF : 211028.6/17

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -699.593+/-389.568 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.355+/-555.685 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

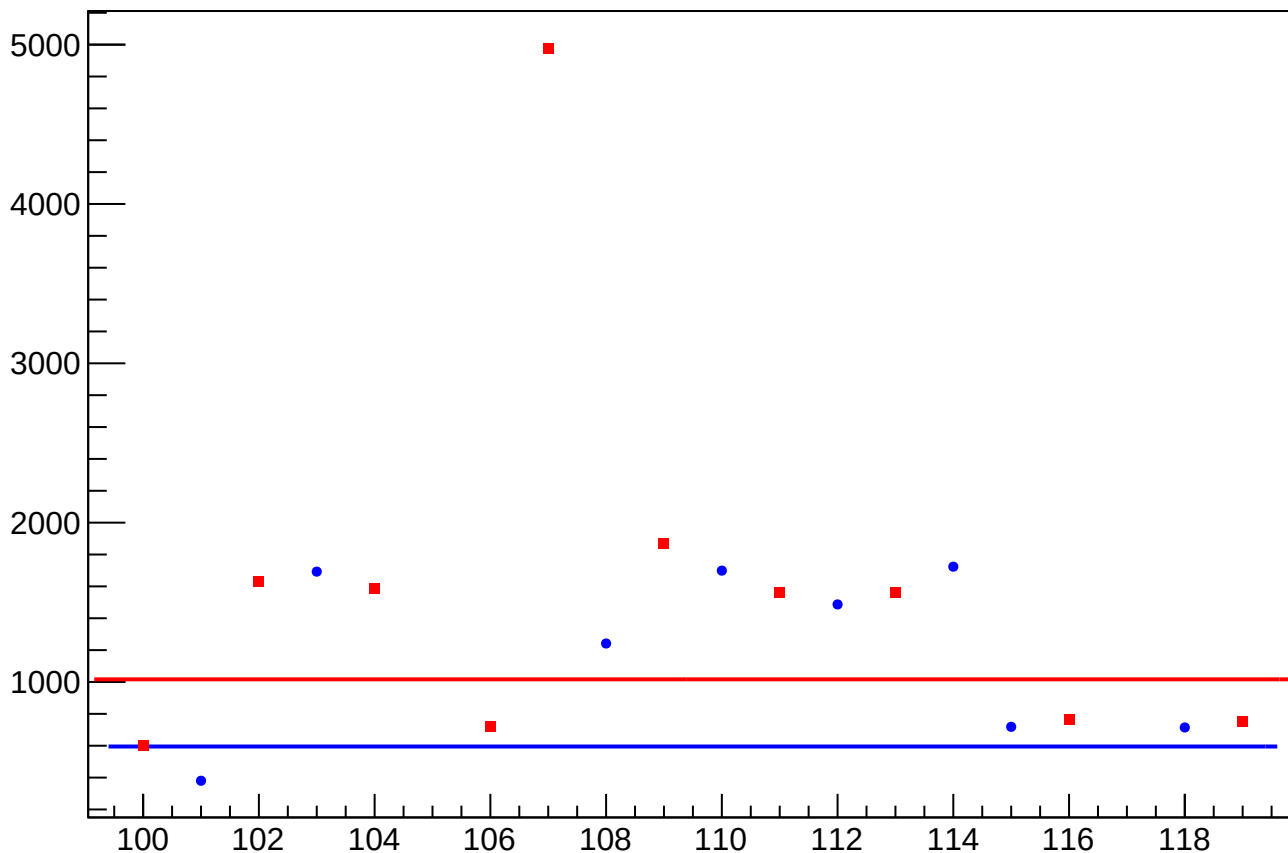
Right: -487.300+/-318.988 χ^2/NDF : 23.8/17

In: -699.593+/-389.568 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.300+/-318.988 χ^2/NDF : 23.8/17

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 595.084+/-0.275 χ^2/NDF : 1940237.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1016.572+/-0.393 χ^2/NDF : 1427269.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

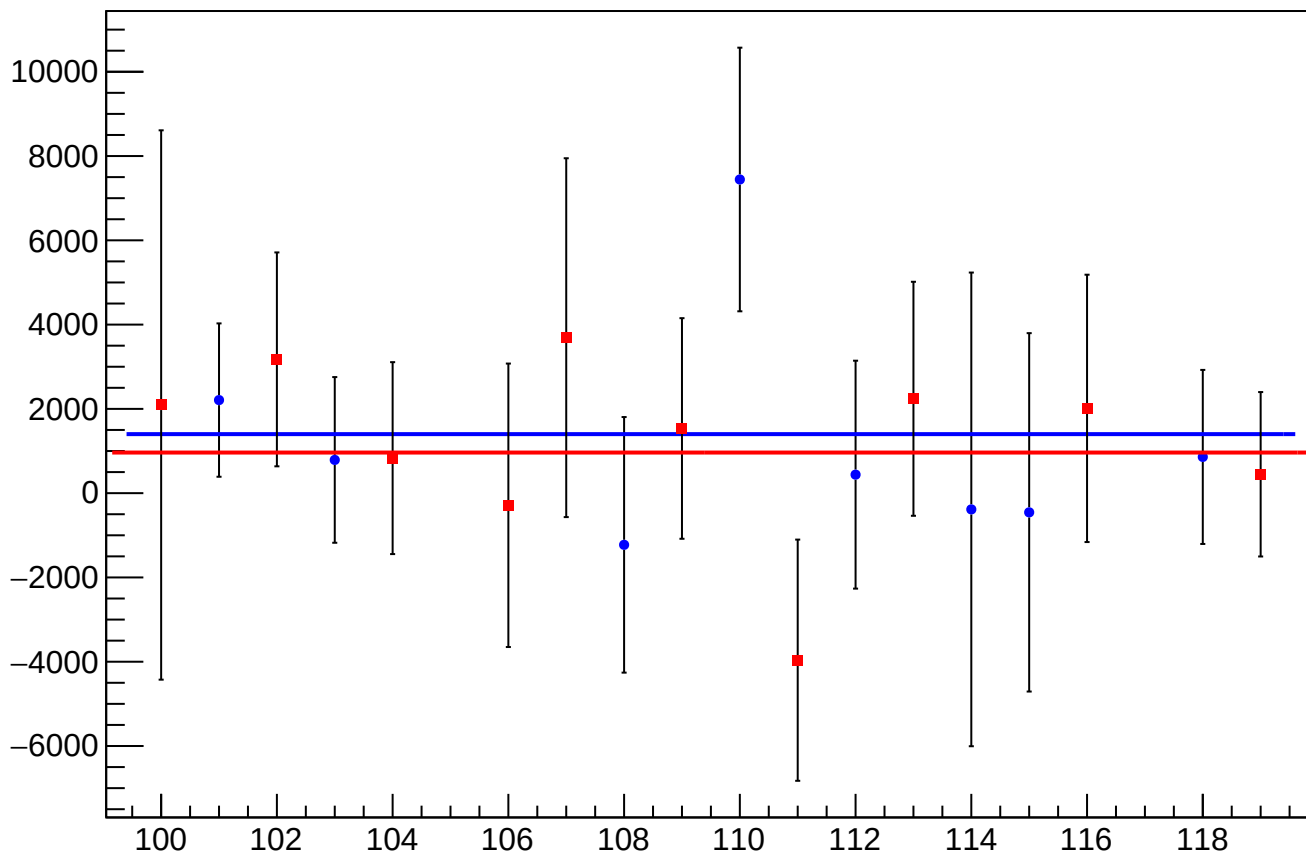
Right: 733.975+/-0.226 χ^2/NDF : 4138987.6/17

In: 595.084+/-0.275 χ^2/NDF :1940237.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 733.975+/-0.226 χ^2/NDF : 4138987.6/17

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1400.877+/-901.720 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.768+/-885.599 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

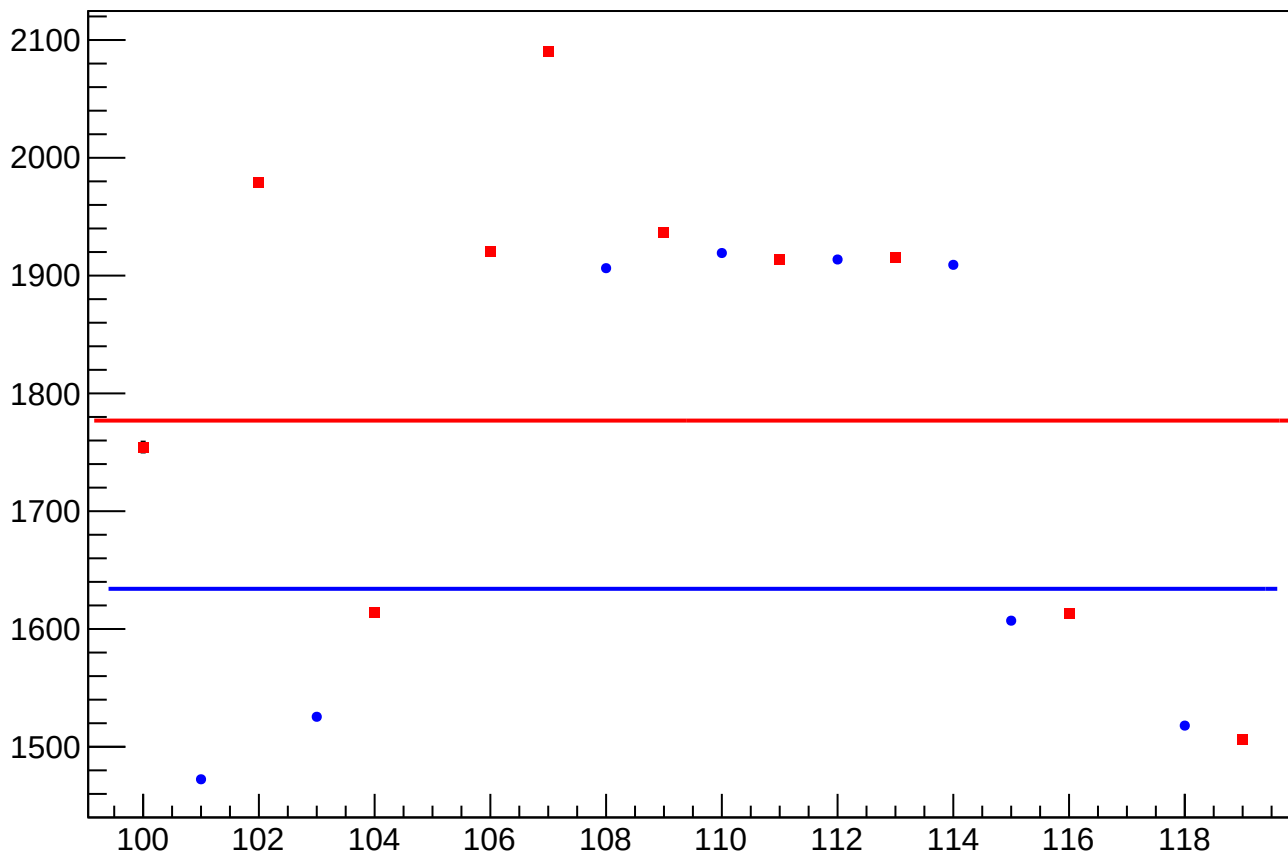
Right: 1178.380+/-631.836 χ^2/NDF : 10.1/17

In: 1400.877+/-901.720 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1178.380+/-631.836 χ^2/NDF : 10.1/17

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1634.109+/-0.638 χ^2/NDF : 87187.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1776.924+/-0.626 χ^2/NDF : 98305.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

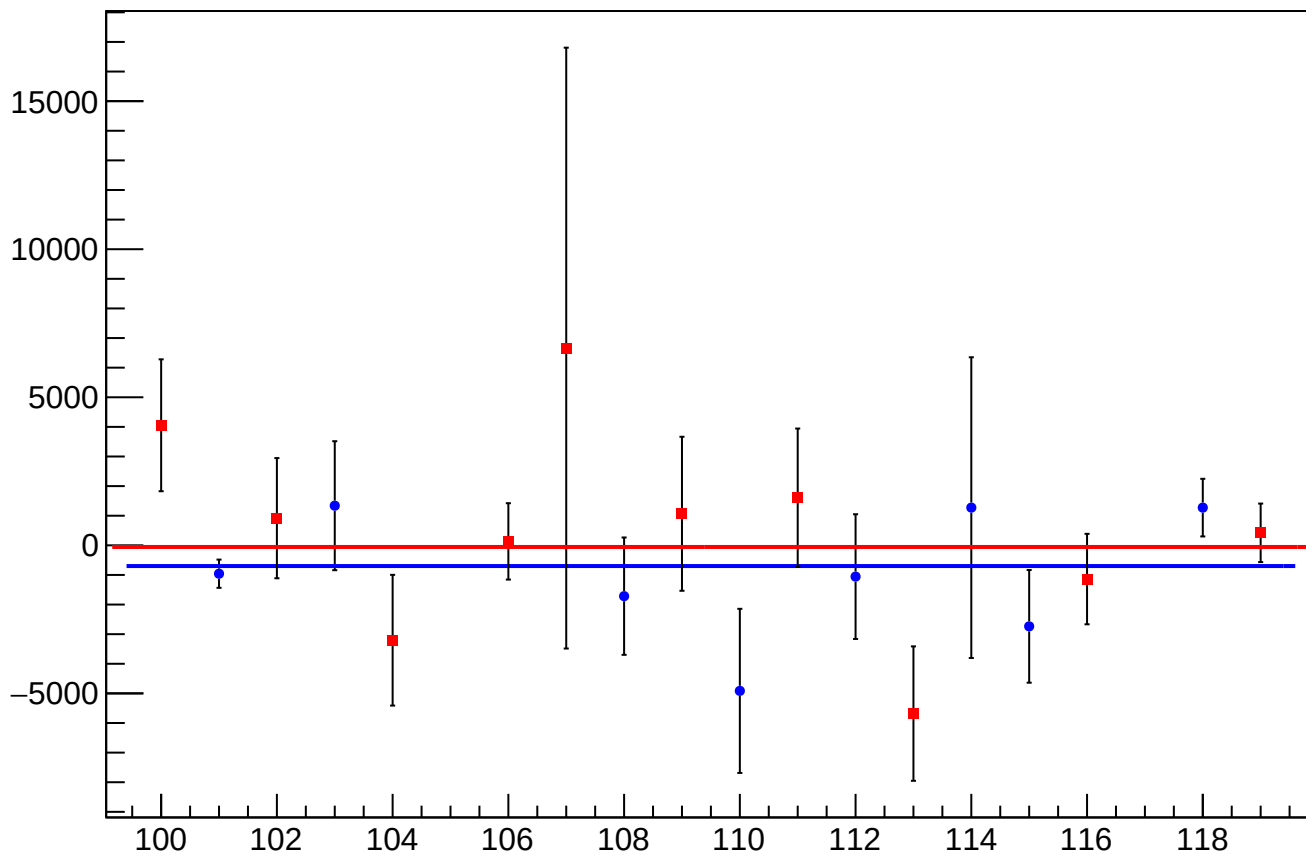
Right: 1706.805+/-0.447 χ^2/NDF : 211029.3/17

In: 1634.109+/-0.638 χ^2/NDF : 87187.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.805+/-0.447 χ^2/NDF : 211029.3/17

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -699.593+/-389.568 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.354+/-555.685 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

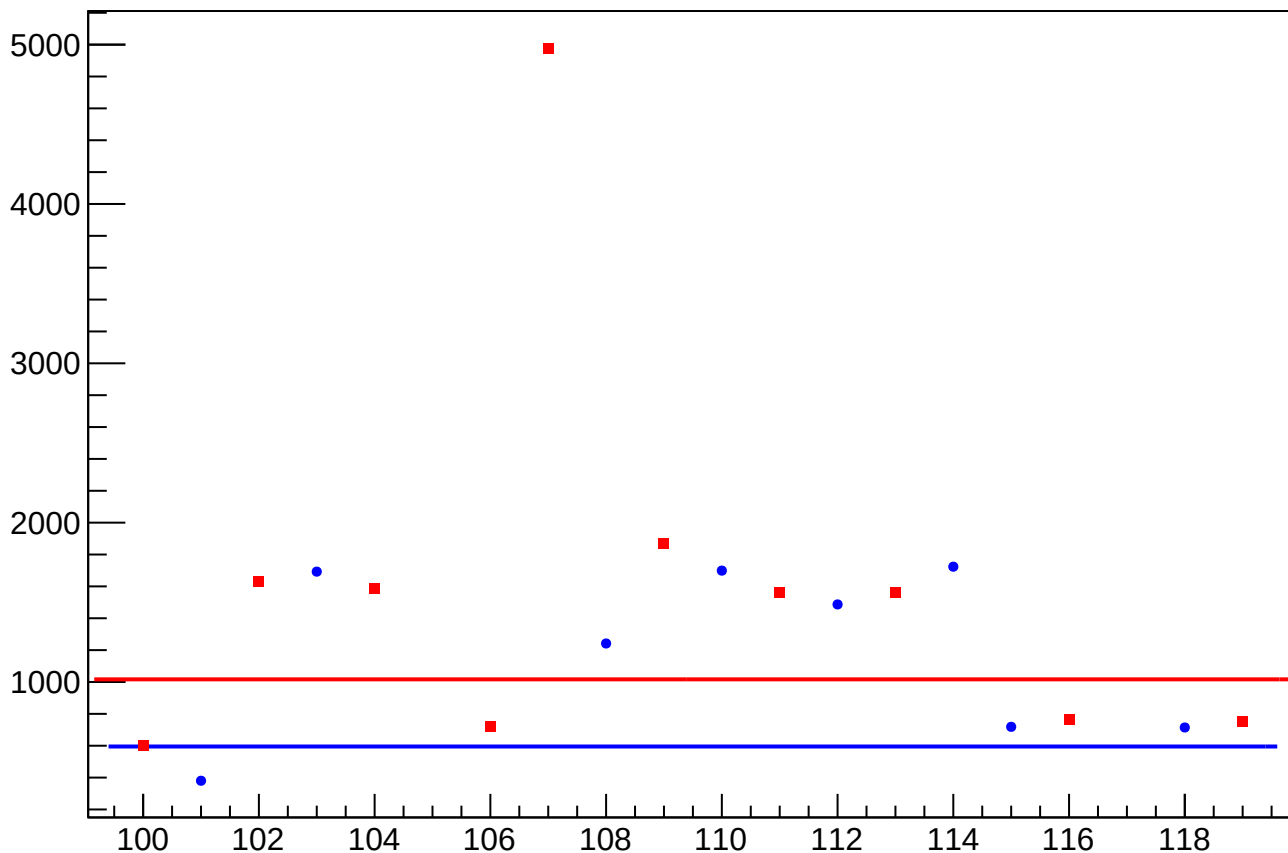
Right: -487.299+/-318.988 χ^2/NDF : 23.8/17

In: -699.593+/-389.568 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -487.299+/-318.988 χ^2/NDF : 23.8/17

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 595.084+/-0.275 χ^2/NDF : 1940233.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.570+/-0.393 χ^2/NDF : 1427276.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

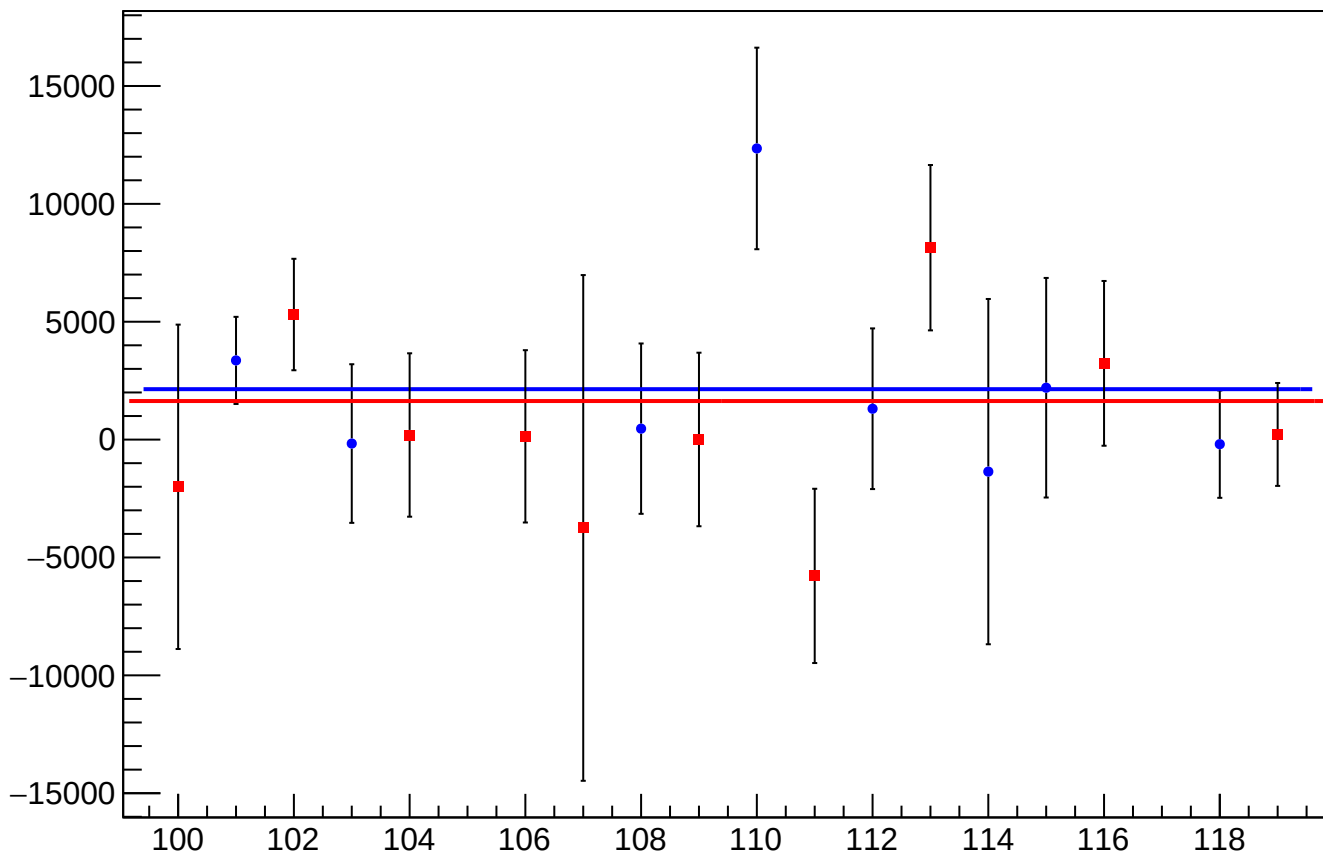
Right: 733.975+/-0.226 χ^2/NDF : 4138982.3/17

In: 595.084+/-0.275 χ^2/NDF : 1940233.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.975+/-0.226 χ^2/NDF : 4138982.3/17

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2139.282+/-1080.642 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1635.852+/-1061.832 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

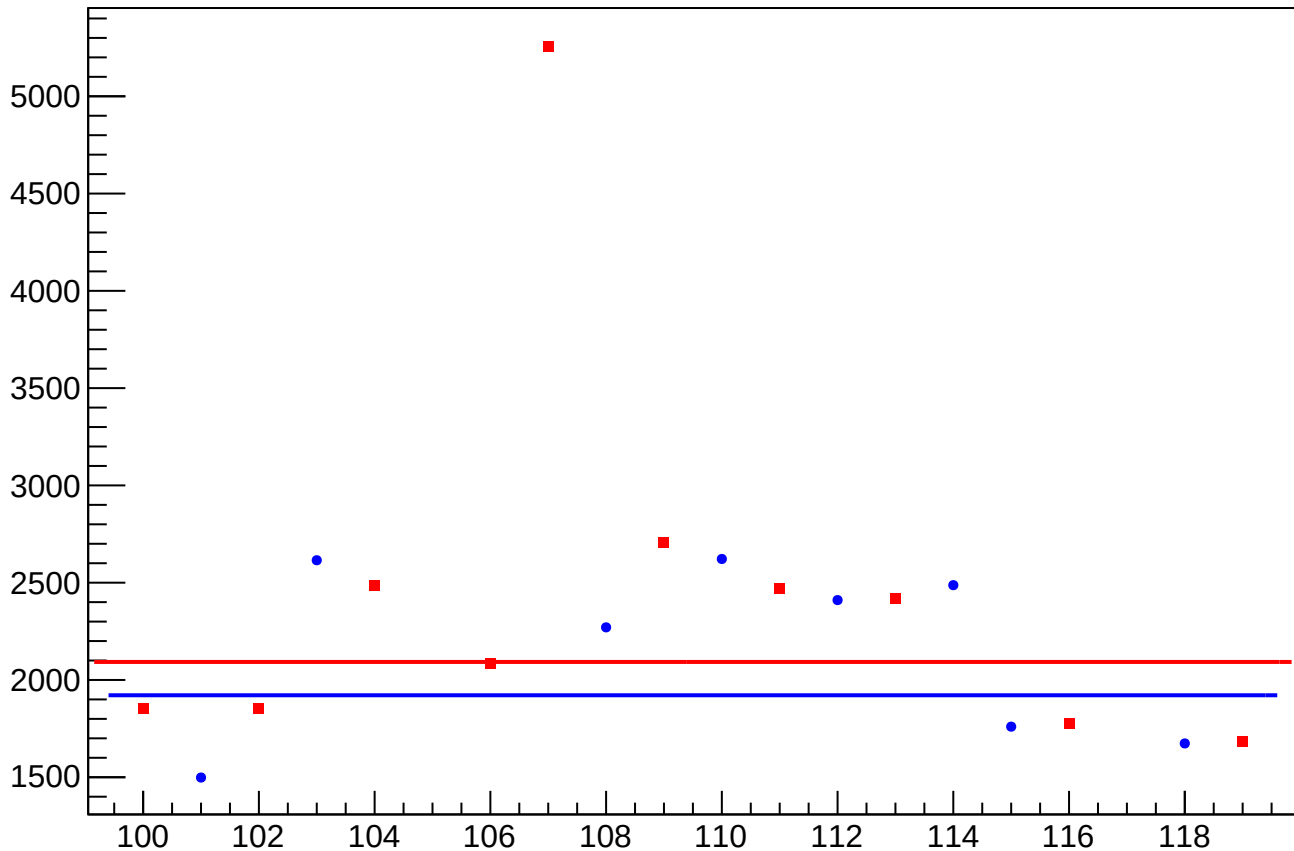
Right: 1883.147+/-757.392 χ^2/NDF : 19.9/17

In: 2139.282+/-1080.642 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.147+/-757.392 χ^2/NDF : 19.9/17

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1921.350+/-0.764 χ^2/NDF : 341446.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.607+/-0.751 χ^2/NDF : 403229.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

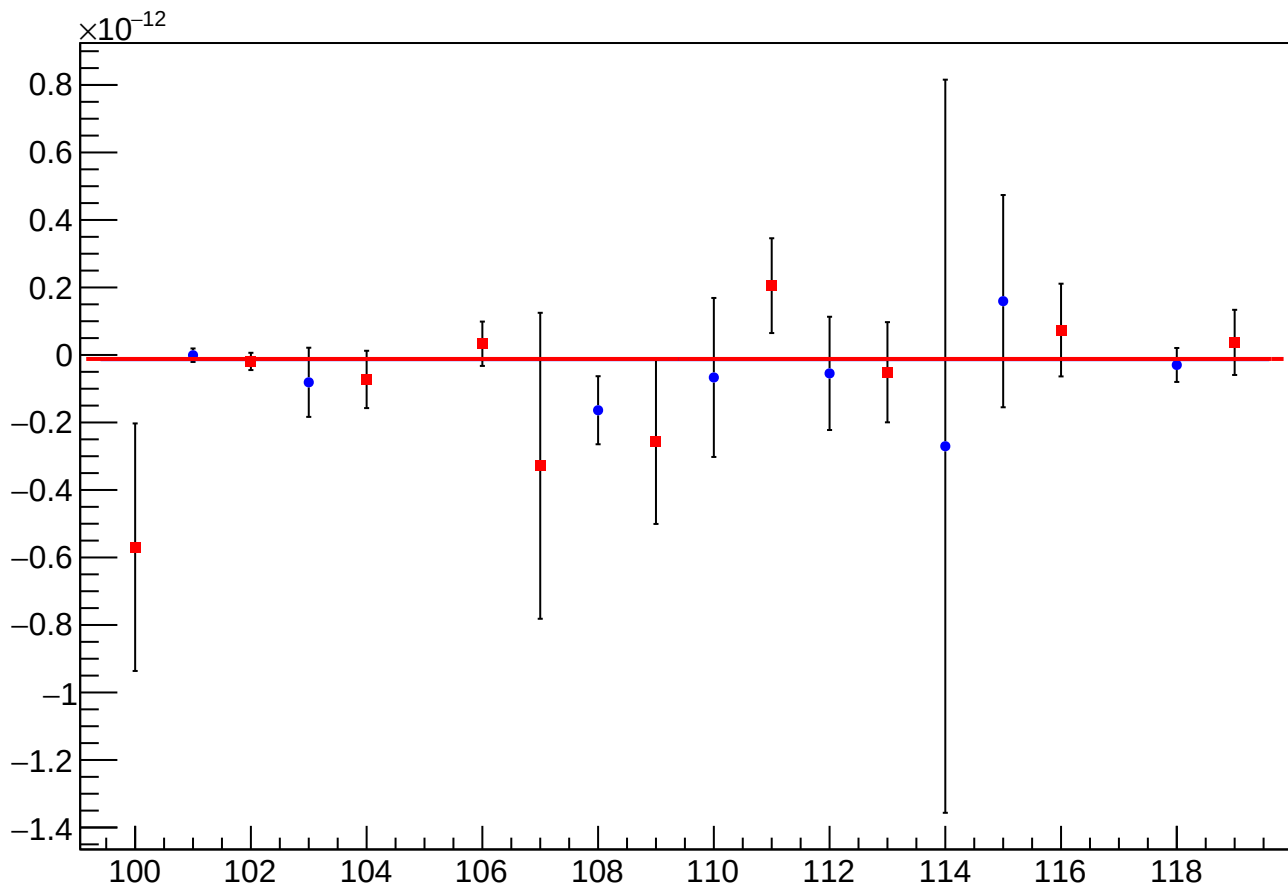
Right: 2008.482+/-0.536 χ^2/NDF : 770232.1/17

In: 1921.350+/-0.764 χ^2/NDF : 341446.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2008.482+/-0.536 χ^2/NDF : 770232.1/17

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

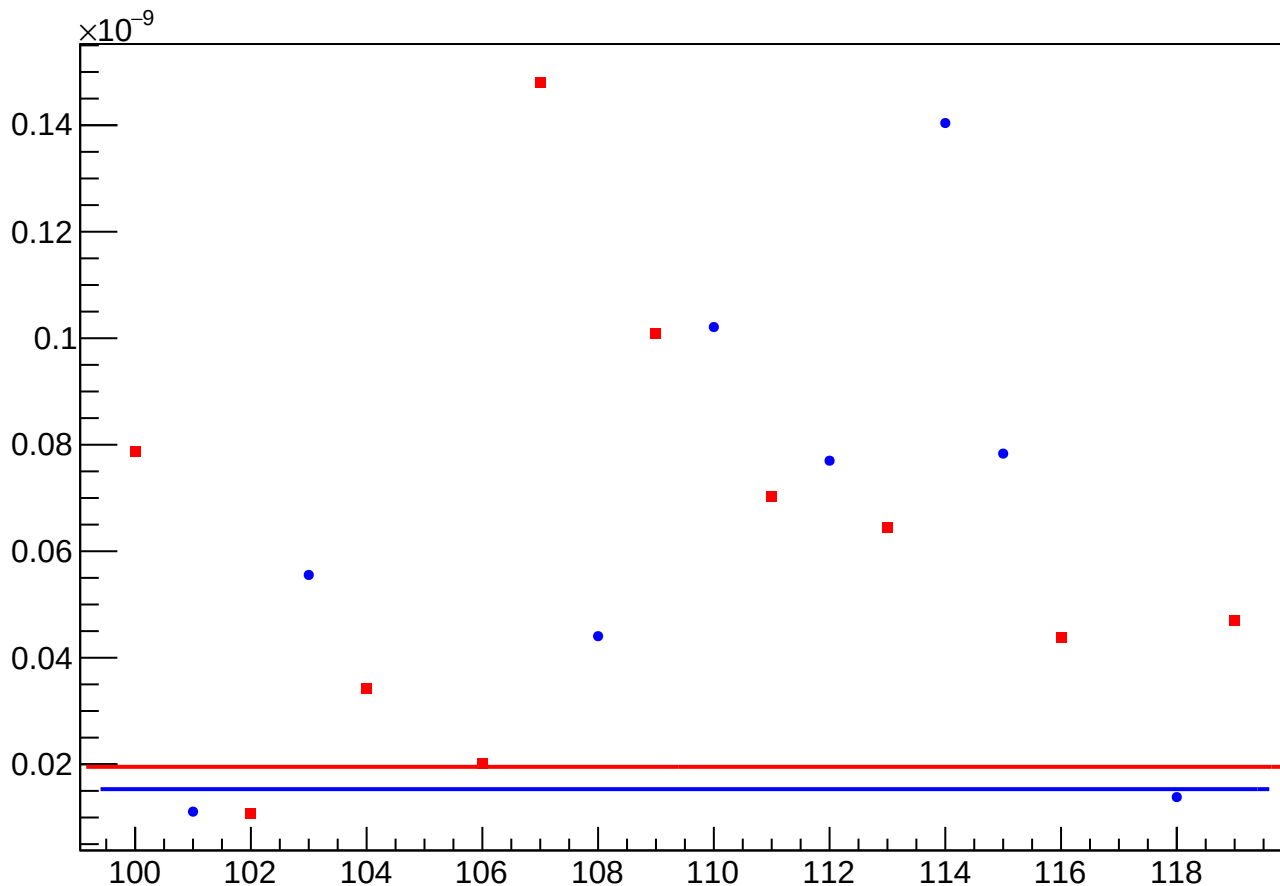
Right: -0.000+/-0.000 χ^2/NDF : 11.6/17

In: -0.000+/-0.000 χ^2/NDF :3.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/17

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1210150.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1403752.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

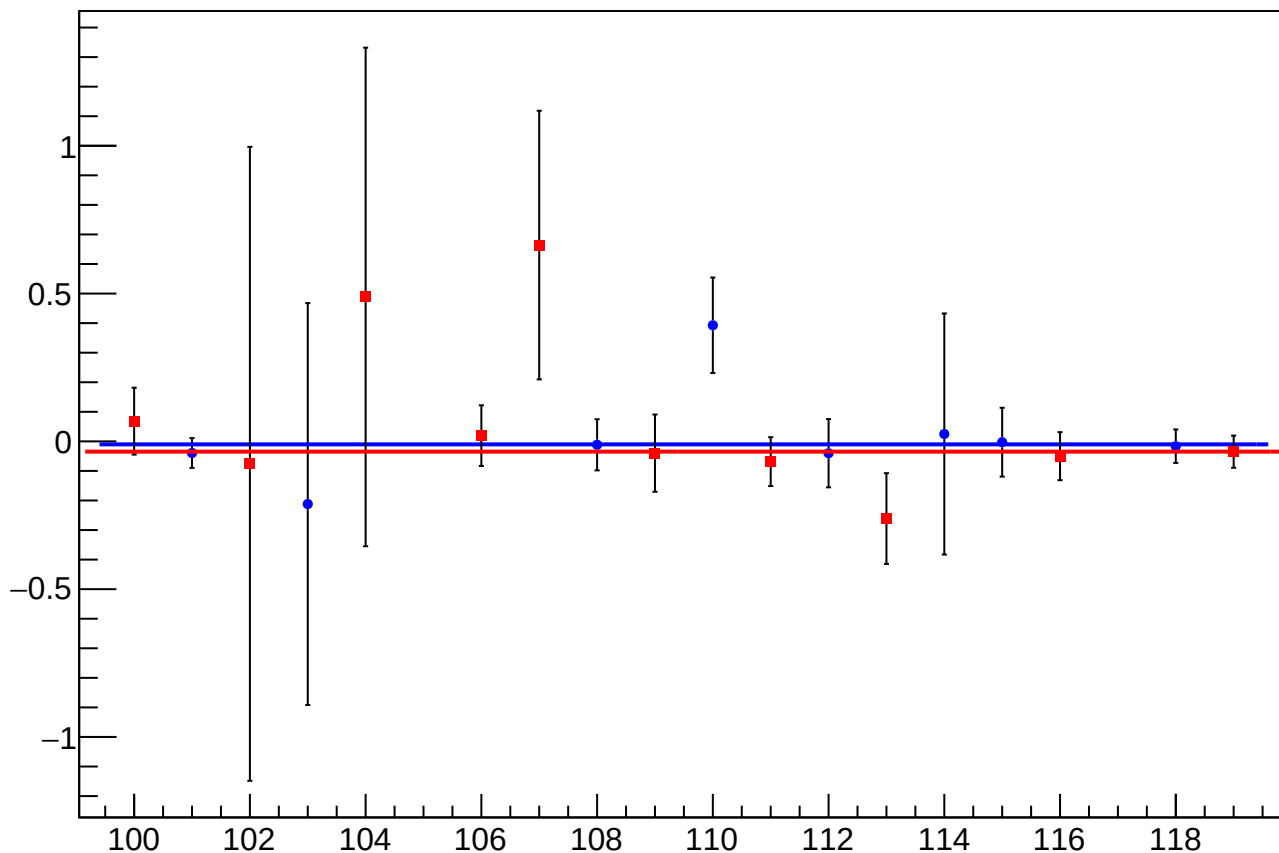
Right: 0.000+/-0.000 χ^2/NDF : 2659309.6/17

In: 0.000+/-0.000 χ^2/NDF : 1210150.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2659309.6/17

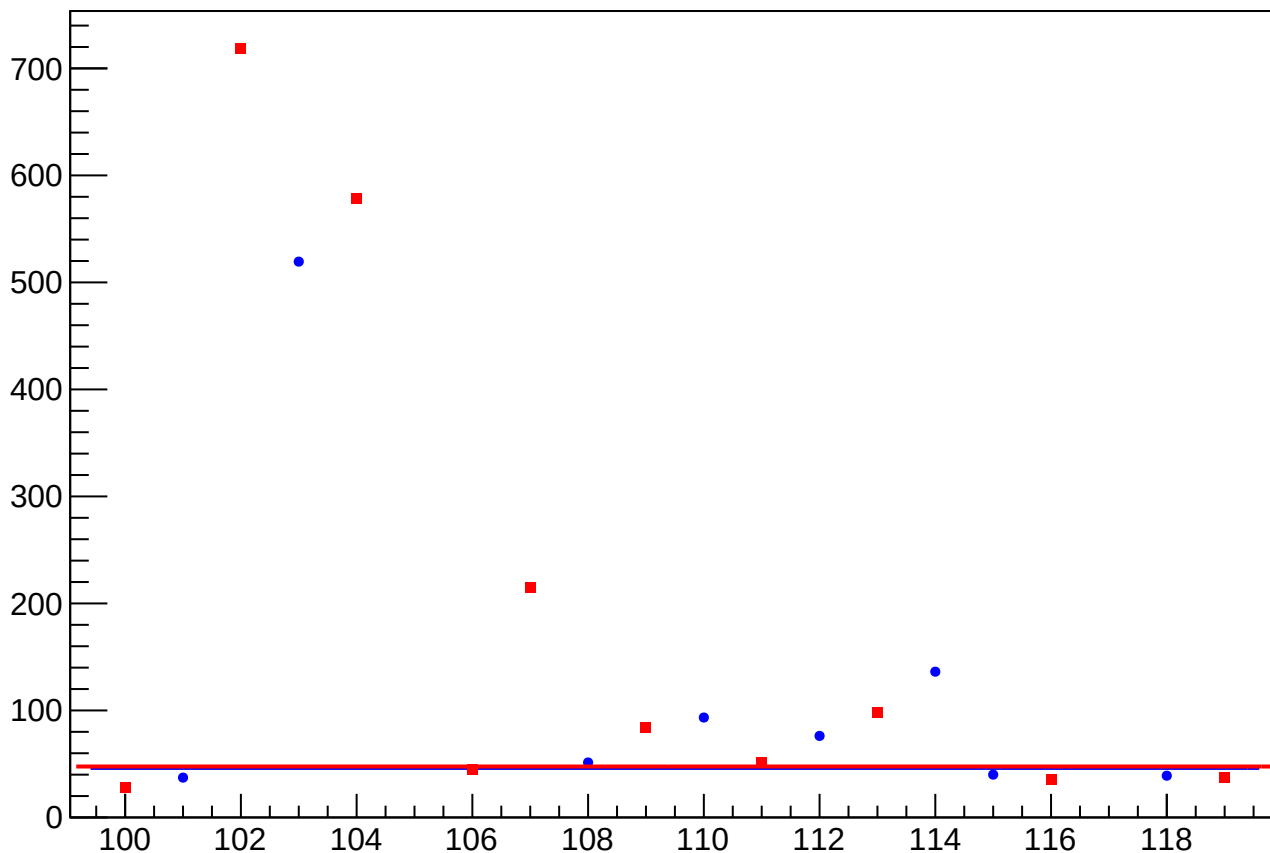
asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.031 χ^2/NDF : 6.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9
 Left 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+/-0.023 χ^2/NDF : 13.3/17
 In: -0.010+/-0.031 χ^2/NDF :6.7/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.022+/-0.023 χ^2/NDF : 13.3/17

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.305+/-0.022 χ^2/NDF : 1480181.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394730.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

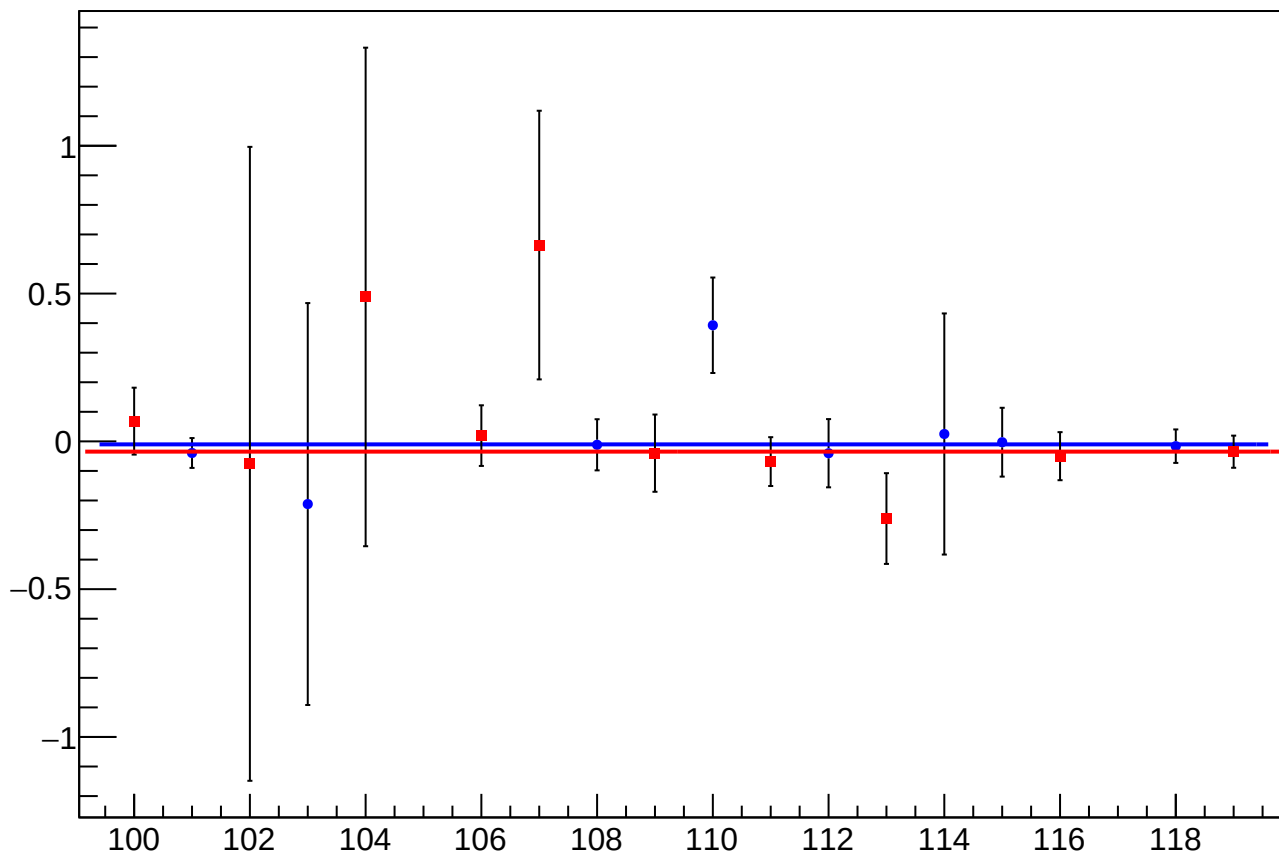
Right: 46.912+/-0.016 χ^2/NDF : 3876530.9/17

In: 46.305+/-0.022 χ^2/NDF : 1480181.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.912+/-0.016 χ^2/NDF : 3876530.9/17

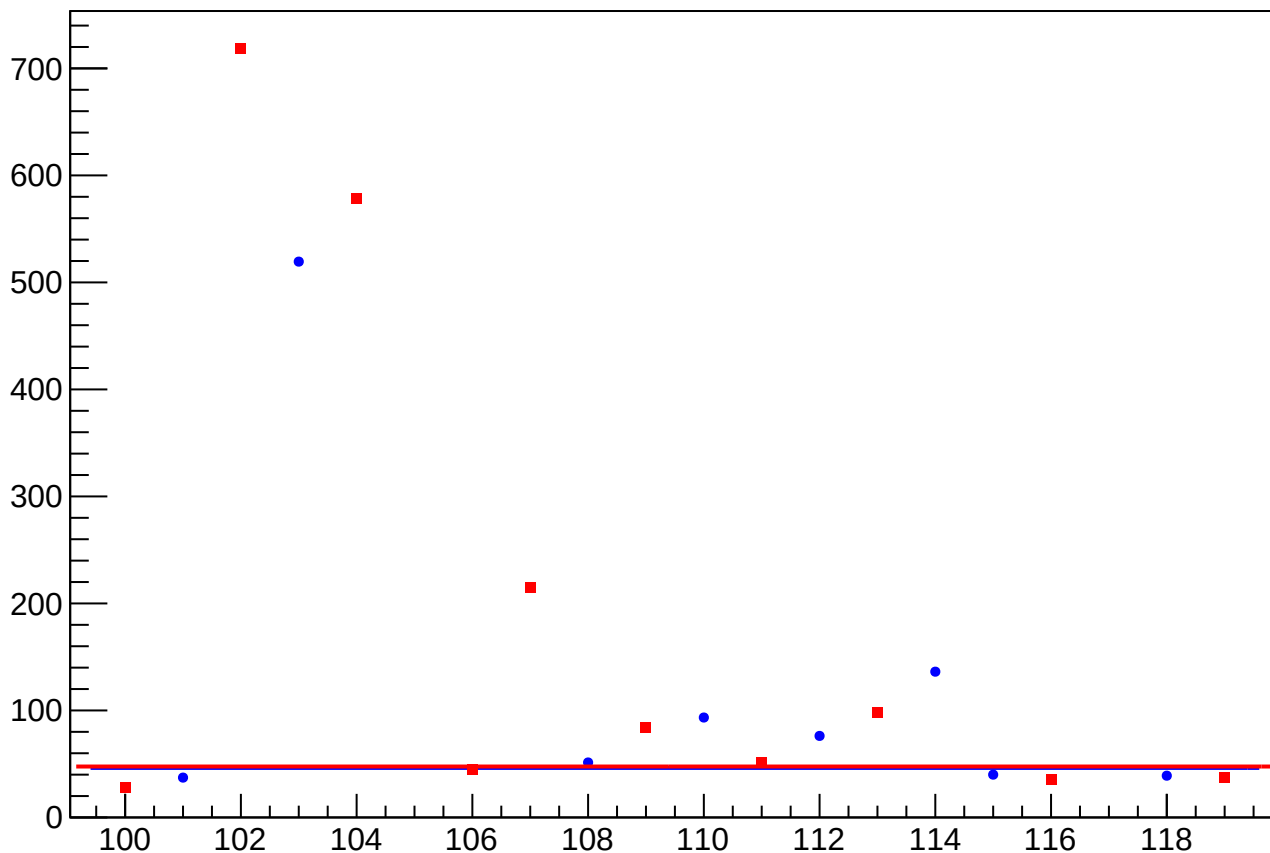
asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.031 χ^2/NDF : 6.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9
 Left 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+/-0.023 χ^2/NDF : 13.3/17
 In: -0.010+/-0.031 χ^2/NDF :6.7/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.022+/-0.023 χ^2/NDF : 13.3/17

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.305+/-0.022 χ^2/NDF : 1480181.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394730.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

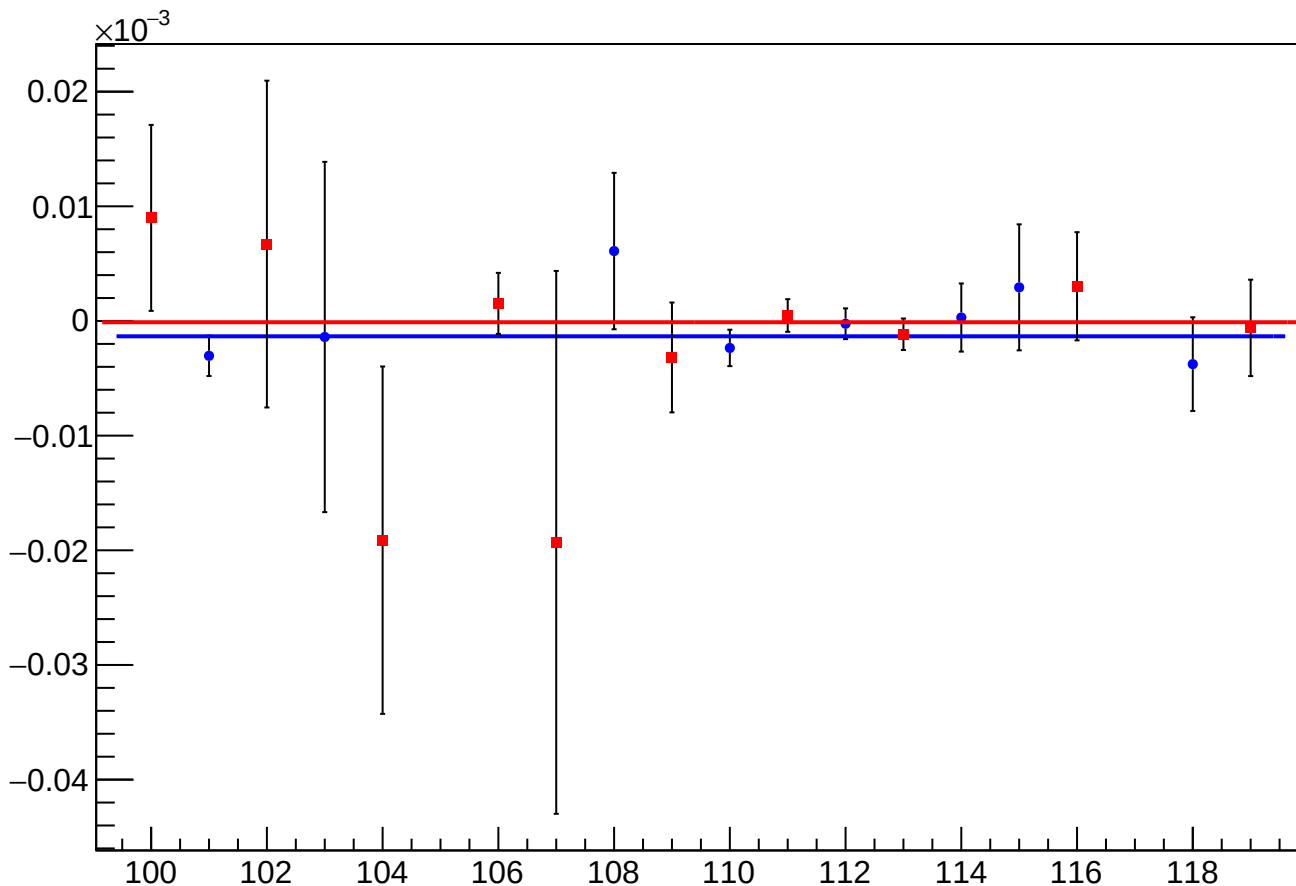
Right: 46.912+/-0.016 χ^2/NDF : 3876530.9/17

In: 46.305+/-0.022 χ^2/NDF : 1480181.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.912+/-0.016 χ^2/NDF : 3876530.9/17

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 4.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 5.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

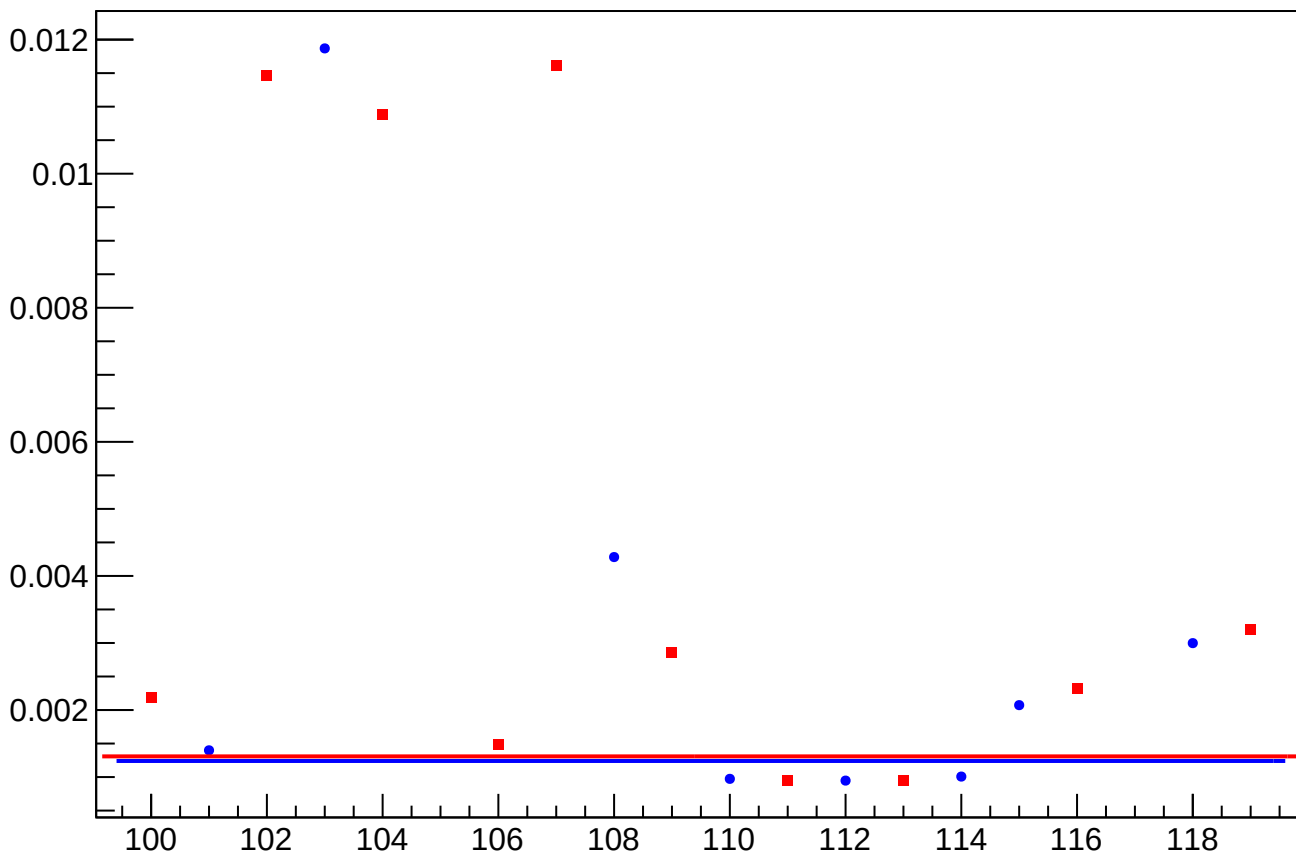
Right: -0.000 ± 0.000 χ^2/NDF : 11.2/17

In: -0.000 ± 0.000 χ^2/NDF : 4.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.2/17

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1962730.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3199137.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

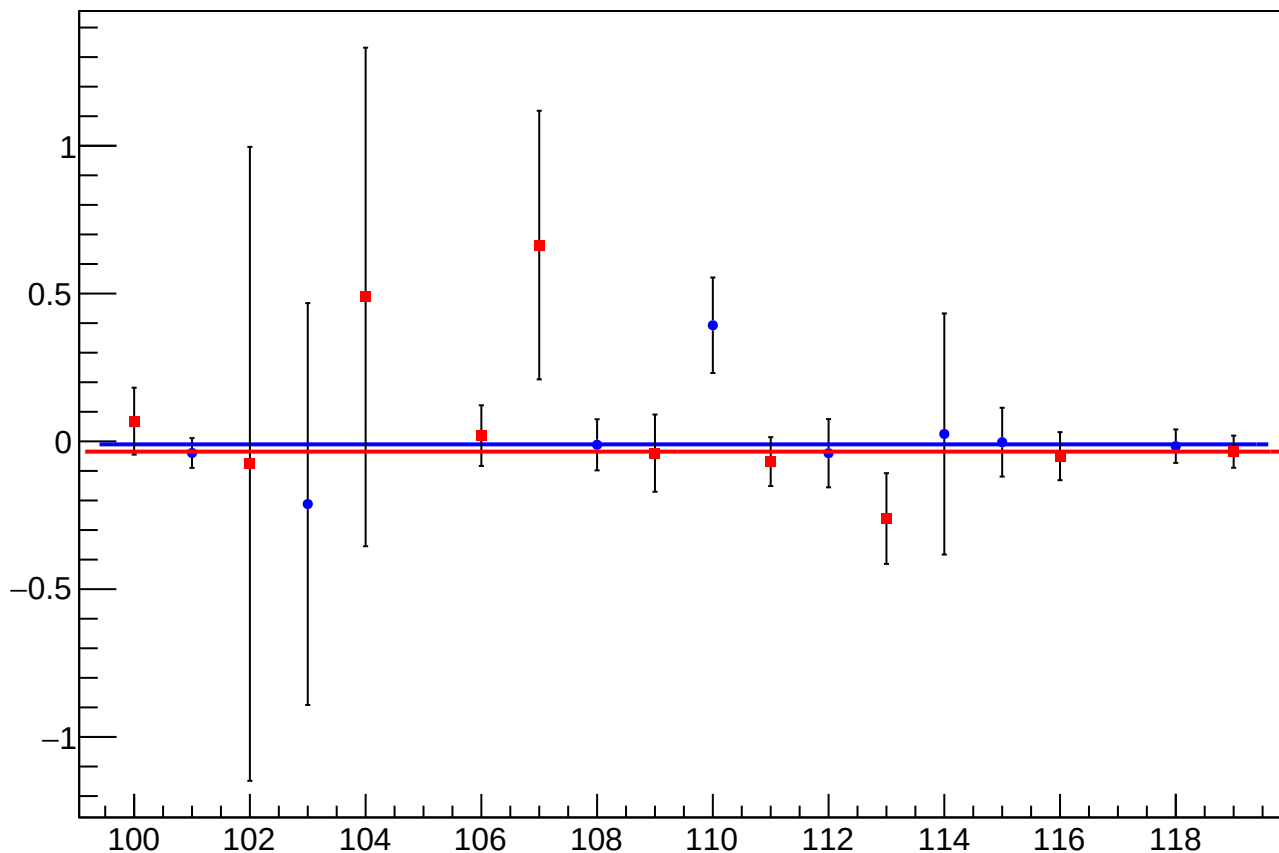
Right: 0.001+/-0.000 χ^2/NDF : 5168501.5/17

In: 0.001+/-0.000 χ^2/NDF : 1962730.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5168501.5/17

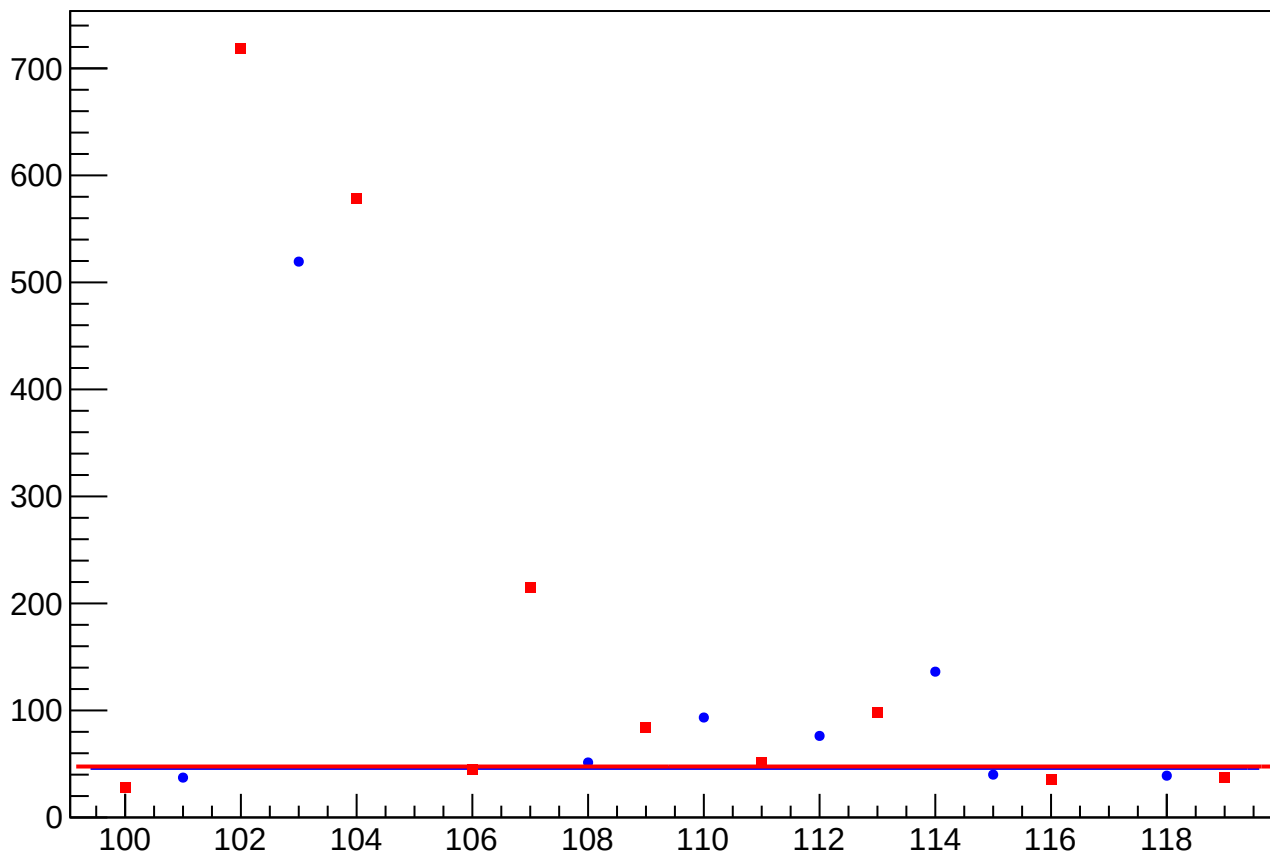
asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.031 χ^2/NDF : 6.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9
 Left 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+/-0.023 χ^2/NDF : 13.3/17
 In: -0.010+/-0.031 χ^2/NDF :6.7/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.022+/-0.023 χ^2/NDF : 13.3/17

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.305+/-0.022 χ^2/NDF : 1480188.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394735.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

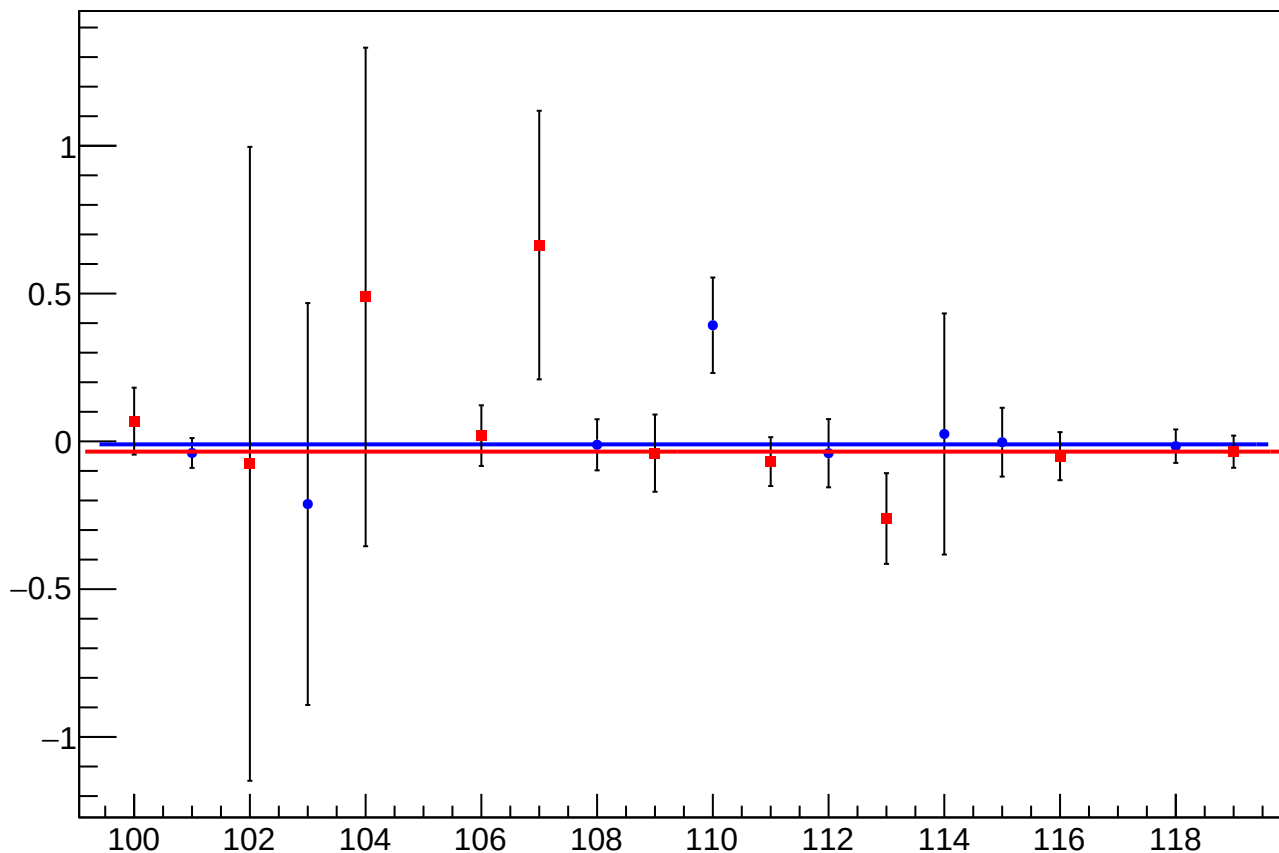
Right: 46.911+/-0.016 χ^2/NDF : 3876541.0/17

In: 46.305+/-0.022 χ^2/NDF : 1480188.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.911+/-0.016 χ^2/NDF : 3876541.0/17

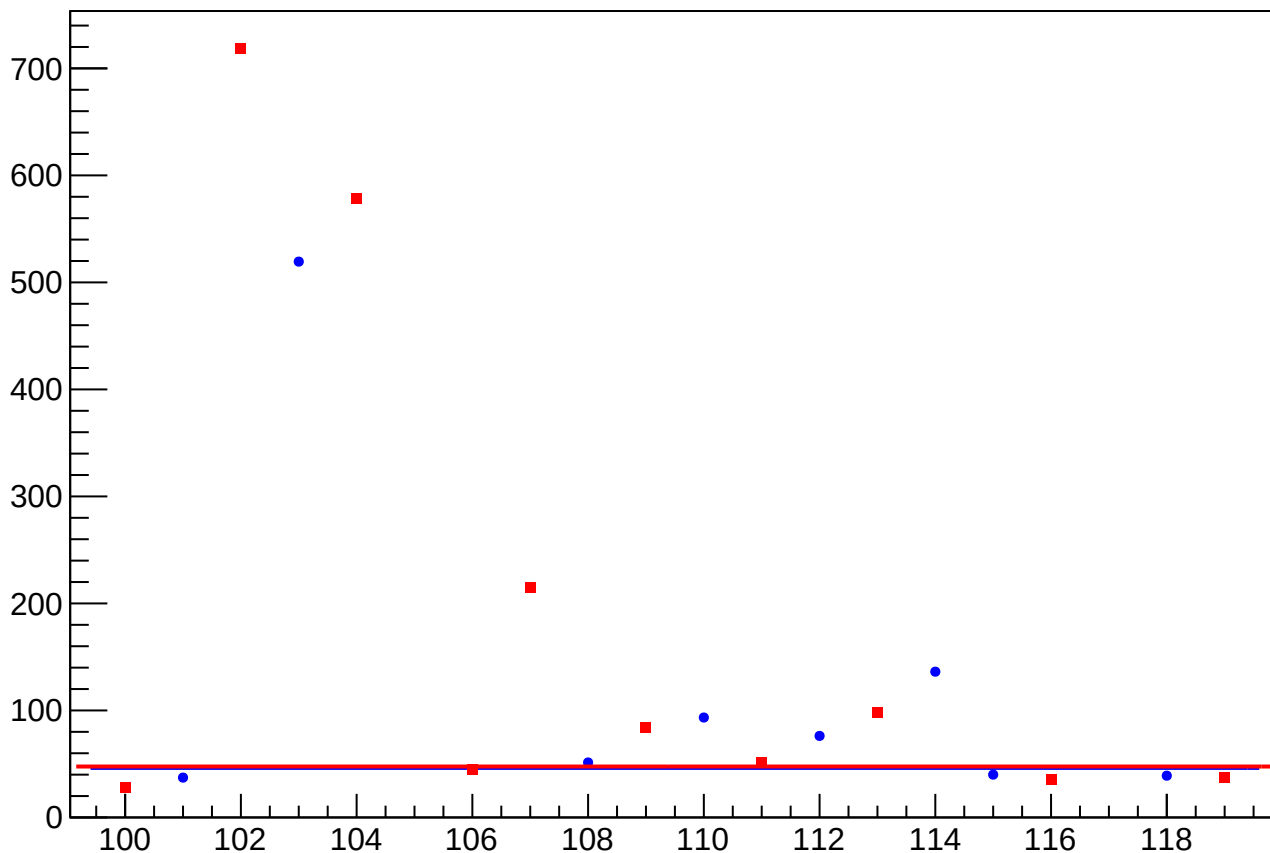
asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.031 χ^2/NDF : 6.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.035+/-0.033 χ^2/NDF : 6.2/9
 Left 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+/-0.023 χ^2/NDF : 13.3/17
 In: -0.010+/-0.031 χ^2/NDF :6.7/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.022+/-0.023 χ^2/NDF : 13.3/17

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.305+/-0.022 χ^2/NDF : 1480188.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.595+/-0.023 χ^2/NDF : 2394735.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

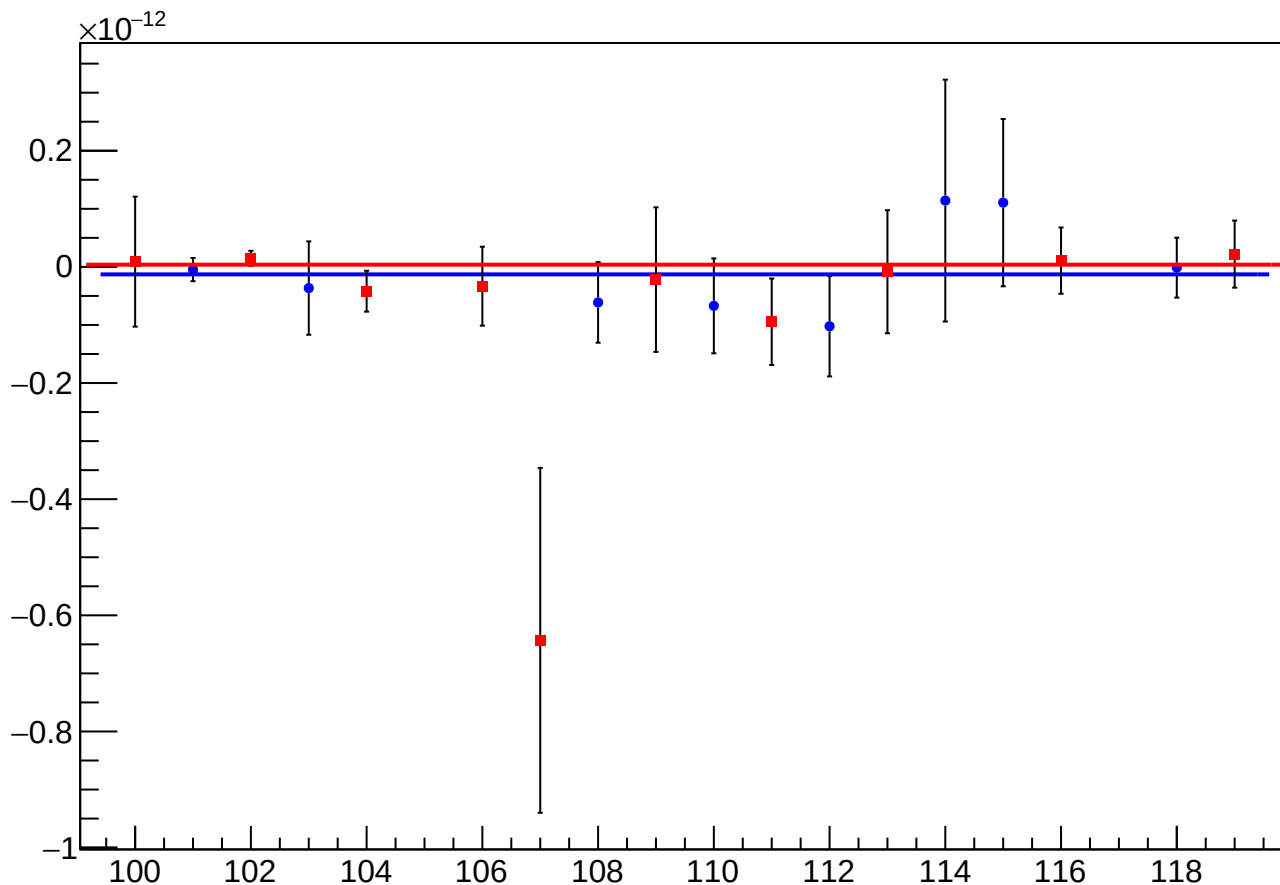
Right: 46.911+/-0.016 χ^2/NDF : 3876541.0/17

In: 46.305+/-0.022 χ^2/NDF : 1480188.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.911+/-0.016 χ^2/NDF : 3876541.0/17

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 3.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 9.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

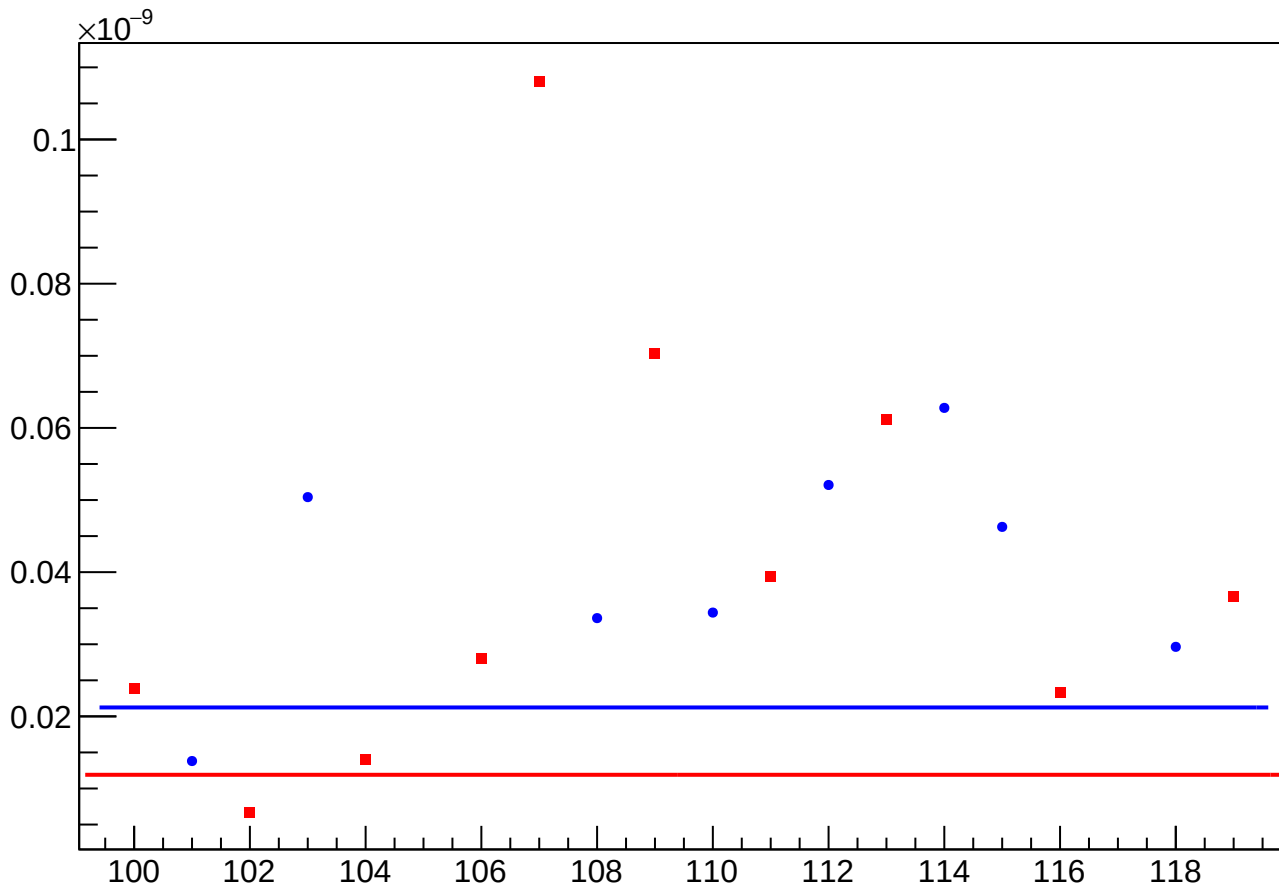
Right: -0.000 ± 0.000 χ^2/NDF : 13.4/17

In: -0.000 ± 0.000 χ^2/NDF : 3.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 13.4/17

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101603.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2272196.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

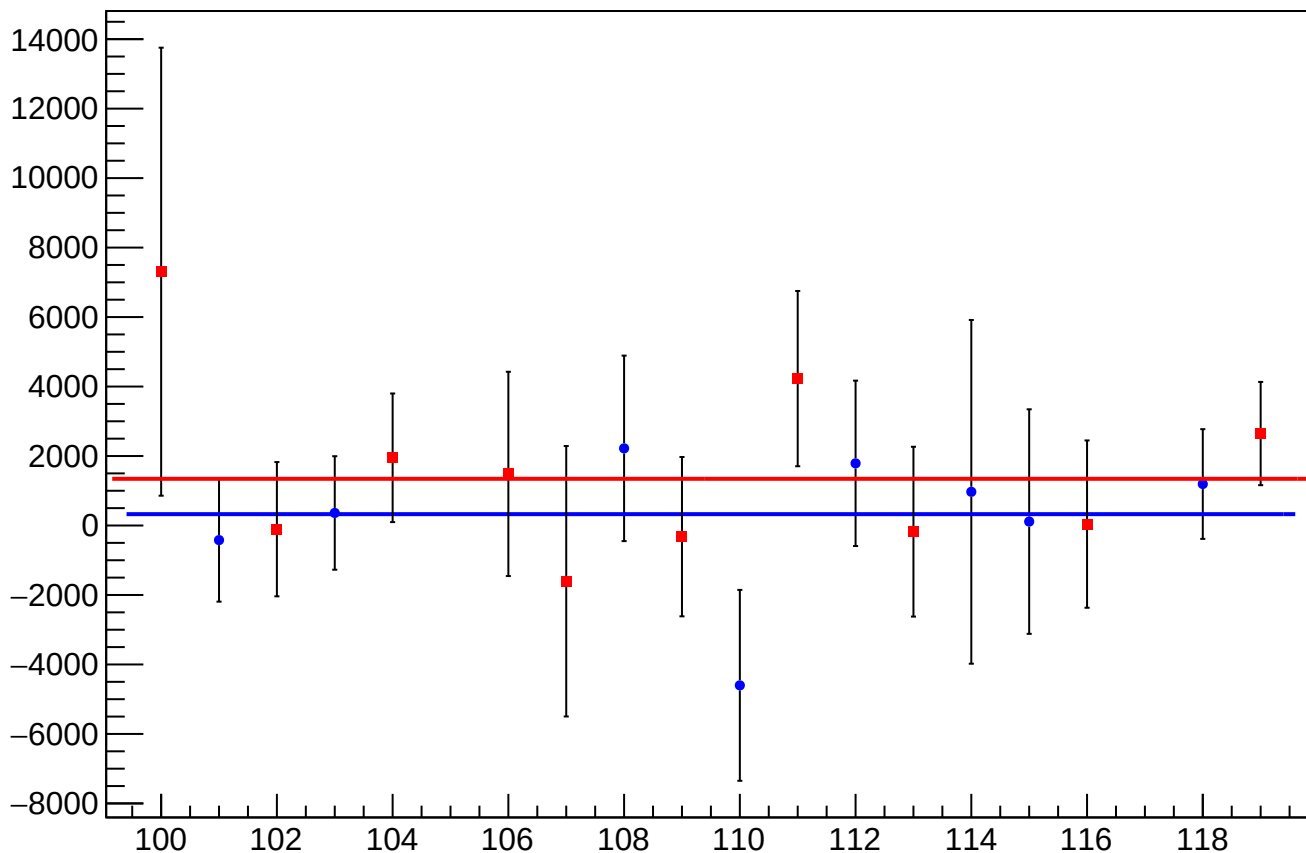
Right: 0.000+/-0.000 χ^2/NDF : 3805287.0/17

In: 0.000+/-0.000 χ^2/NDF : 1101603.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3805287.0/17

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 326.693+/-771.529 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.240+/-724.501 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

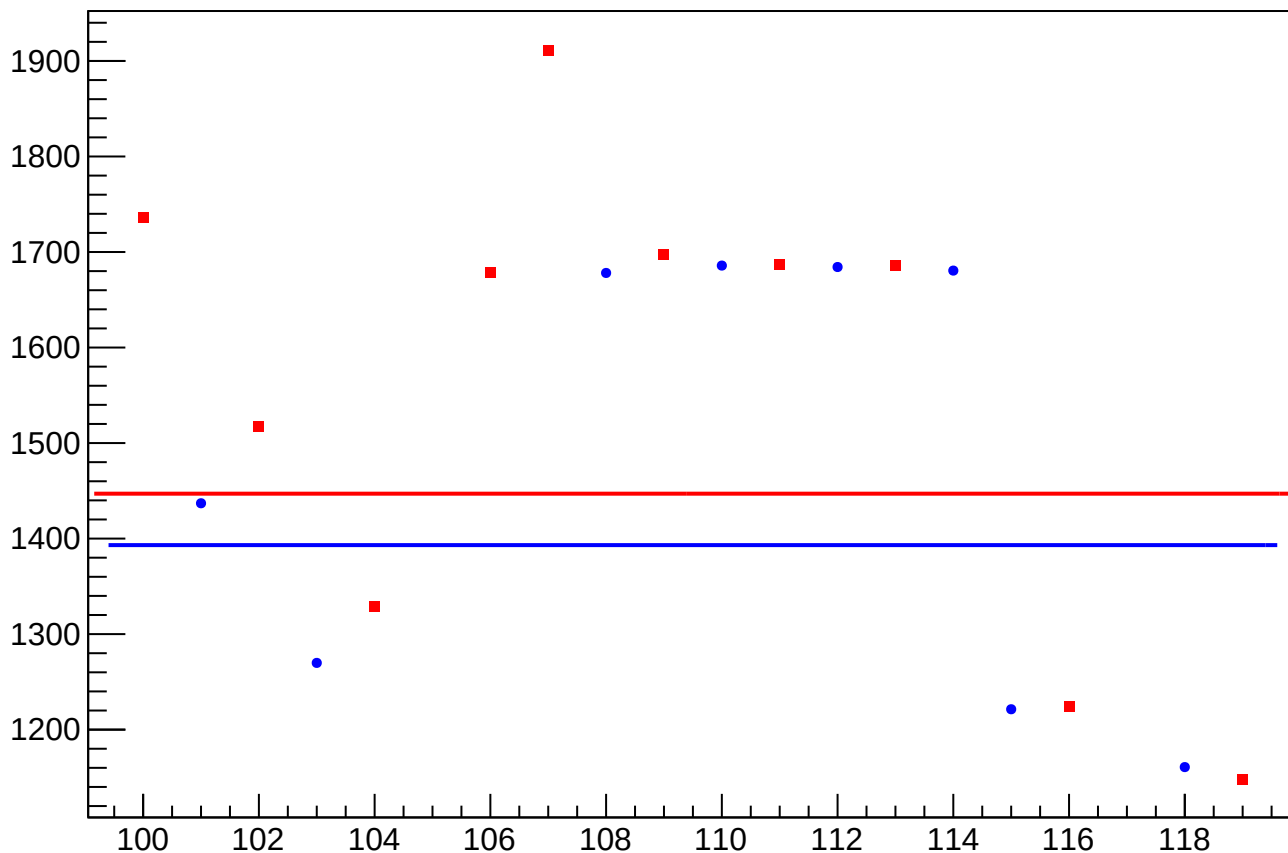
Right: 867.422+/-528.143 χ^2/NDF : 10.9/17

In: 326.693+/-771.529 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.422+/-528.143 χ^2/NDF : 10.9/17

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1393.166+/-0.546 χ^2/NDF : 143711.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1447.010+/-0.512 χ^2/NDF : 215099.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

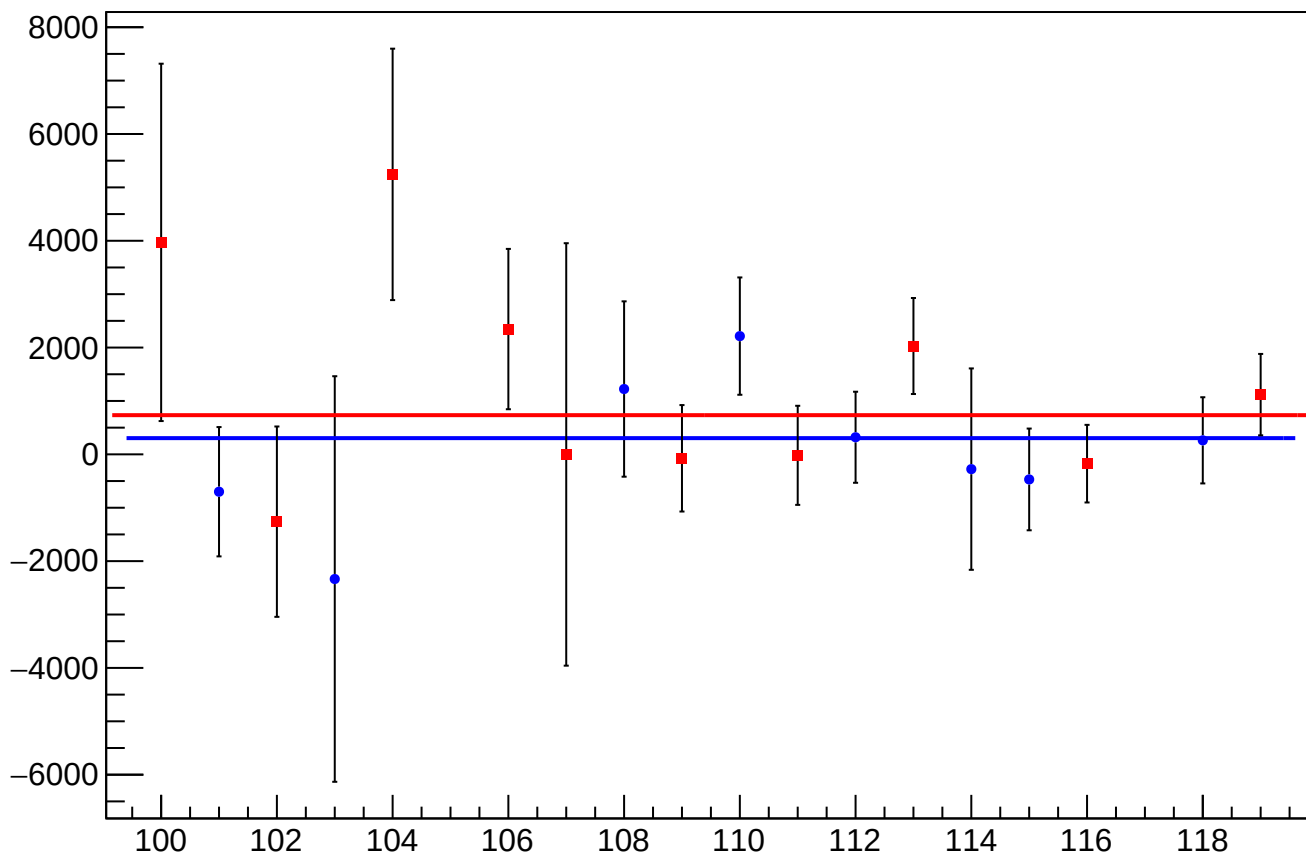
Right: 1421.779+/-0.373 χ^2/NDF : 363986.9/17

In: 1393.166+/-0.546 χ^2/NDF : 143711.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.779+/-0.373 χ^2/NDF : 363986.9/17

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 303.717+/-400.188 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 733.864+/-351.150 χ^2/NDF : 12.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

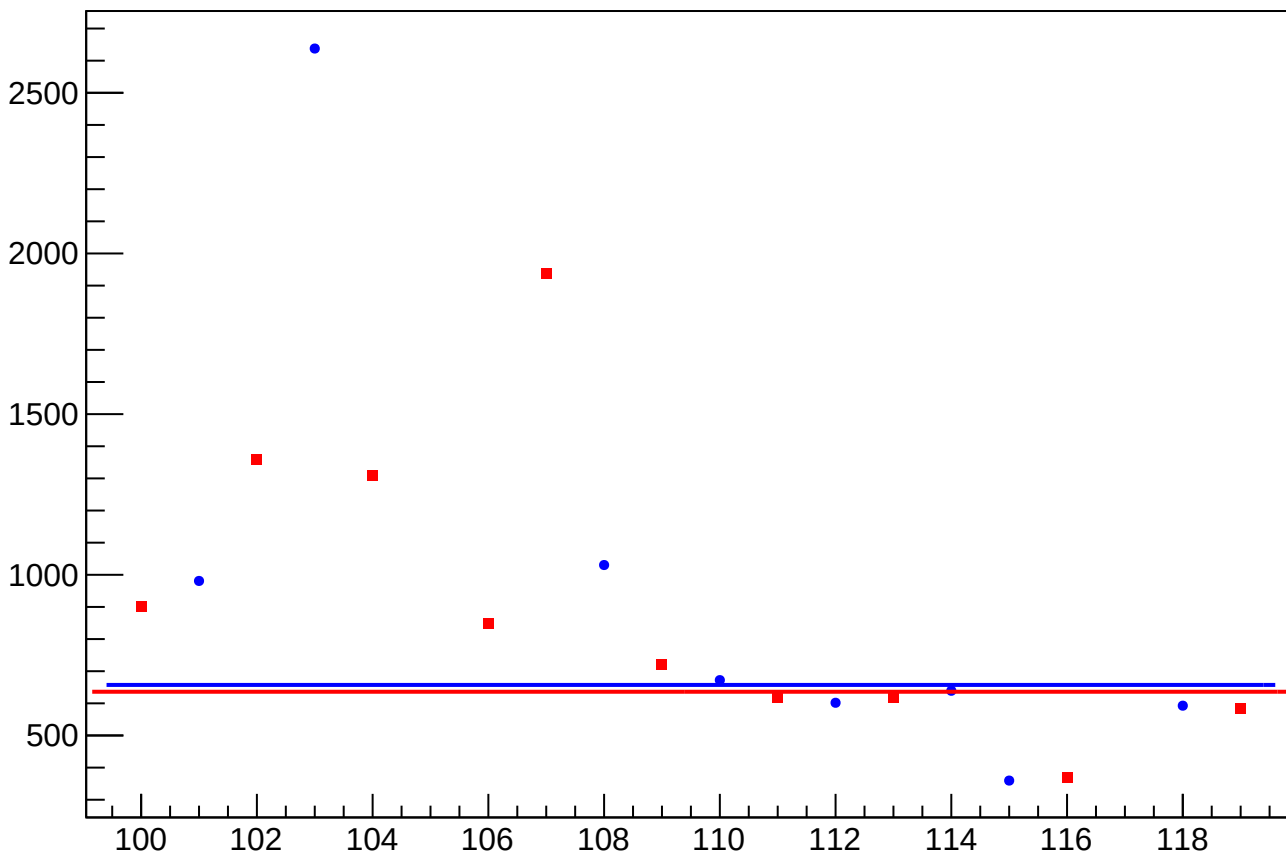
Right: 546.747+/-263.945 χ^2/NDF : 18.2/17

In: 303.717+/-400.188 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.747+/-263.945 χ^2/NDF : 18.2/17

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 657.310+/-0.283 χ^2/NDF : 1007046.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.090+/-0.248 χ^2/NDF : 1058146.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

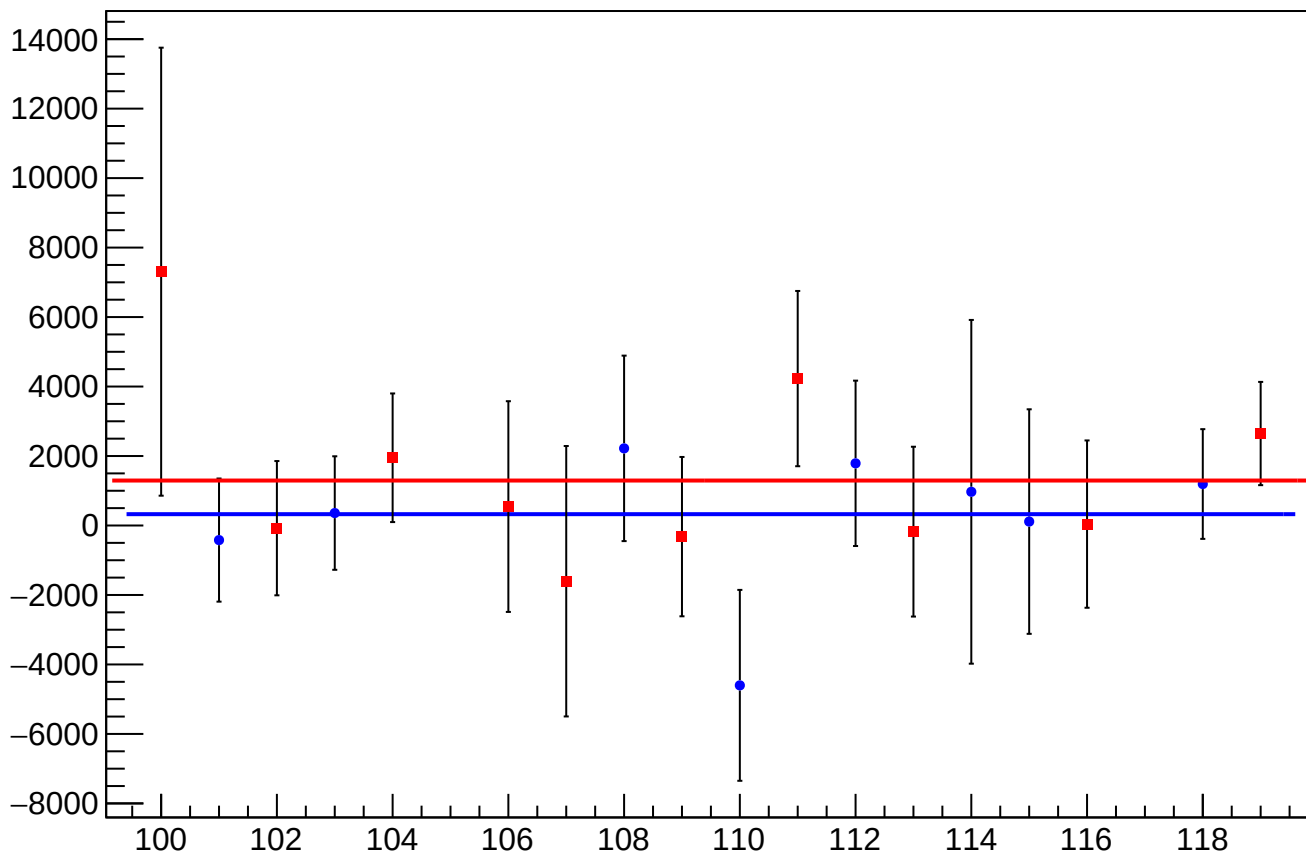
Right: 645.321+/-0.187 χ^2/NDF : 2068370.3/17

In: 657.310+/-0.283 χ^2/NDF : 1007046.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.321+/-0.187 χ^2/NDF : 2068370.3/17

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 326.060 $\pm$ 771.530 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1294.290 $\pm$ 725.836 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

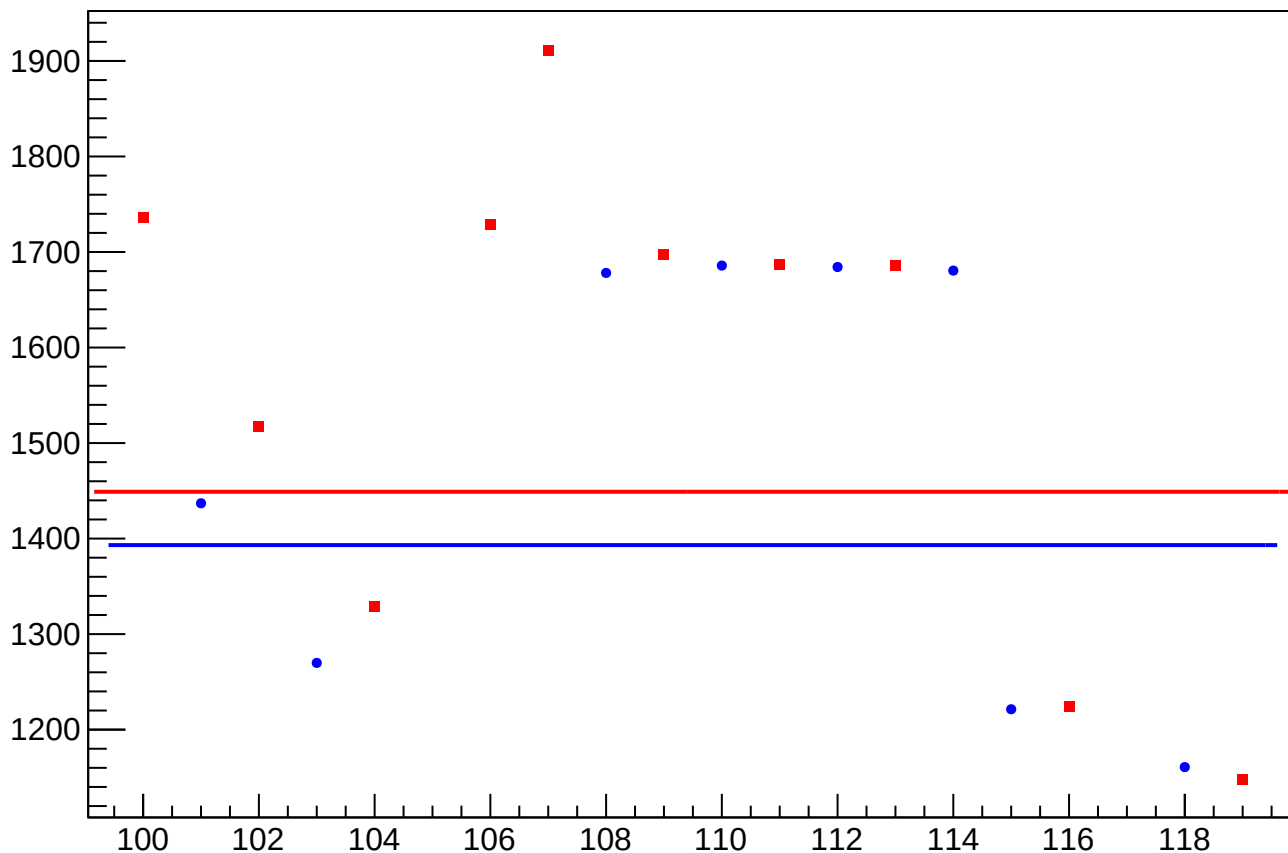
Right: 839.694 $\pm$ 528.659 χ^2 /NDF: 10.9/17

In: 326.060 $\pm$ 771.530 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 839.694 $\pm$ 528.659 χ^2 /NDF: 10.9/17

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1393.166+/-0.546 χ^2/NDF : 143711.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.035+/-0.513 χ^2/NDF : 219907.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

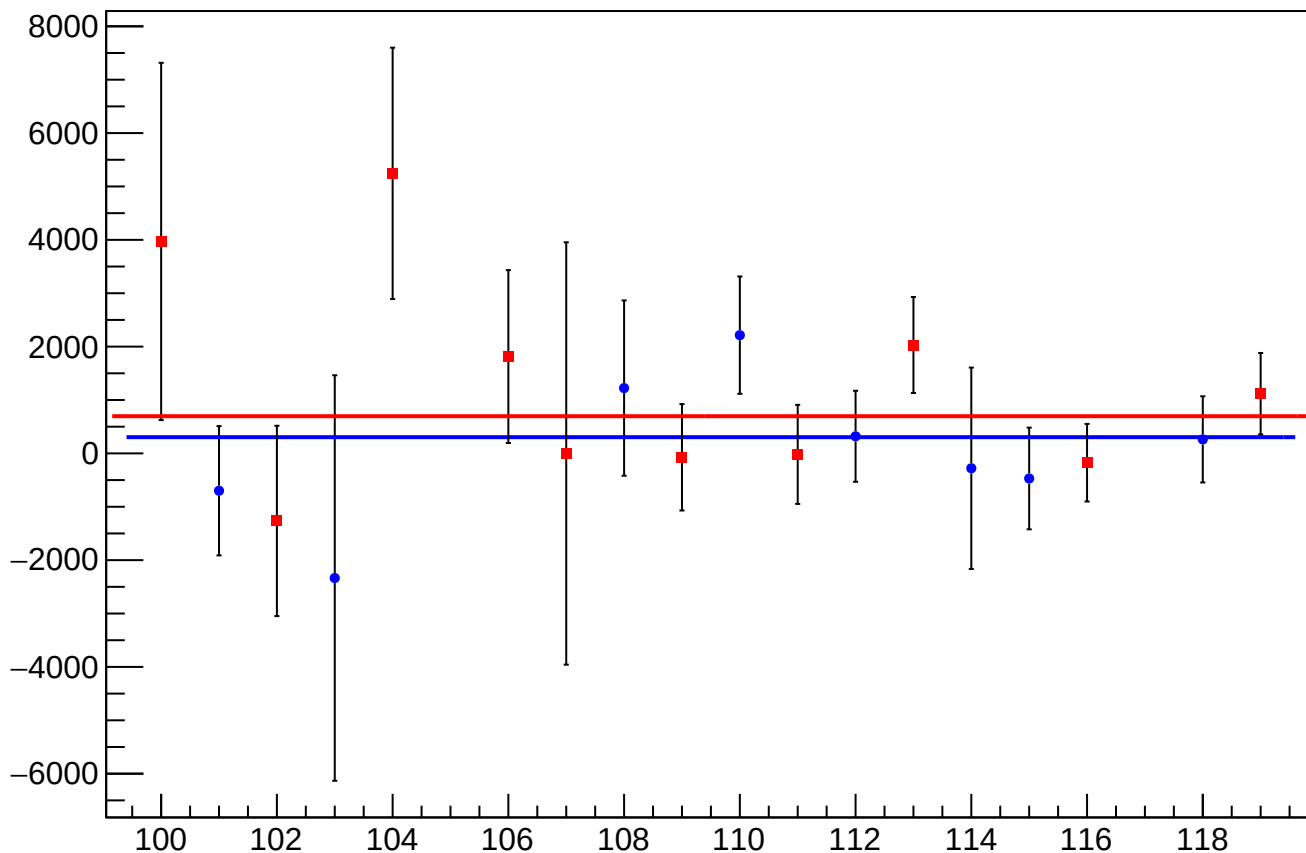
Right: 1422.804+/-0.374 χ^2/NDF : 369181.9/17

In: 1393.166+/-0.546 χ^2/NDF : 143711.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1422.804+/-0.374 χ^2/NDF : 369181.9/17

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.580+/-400.186 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.387+/-352.503 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

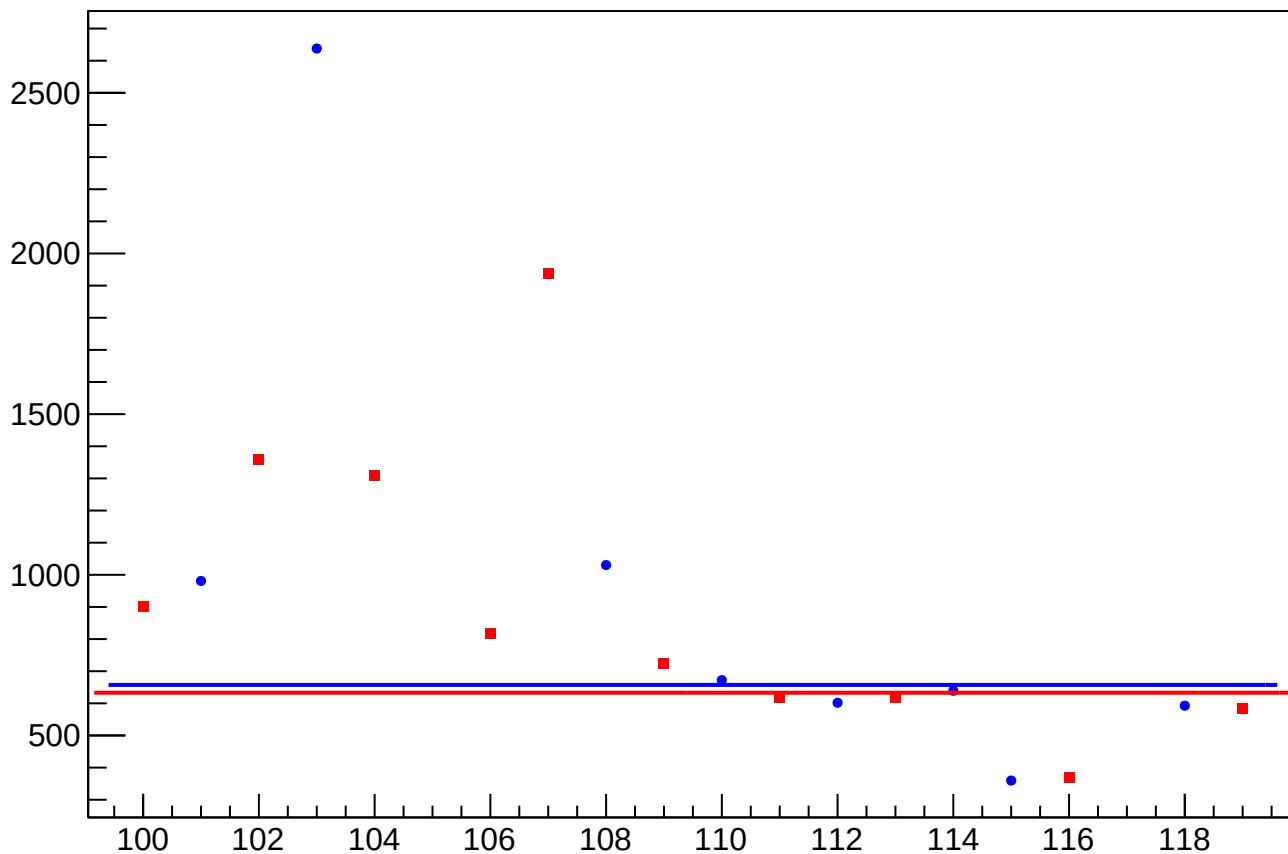
Right: 524.769+/-264.517 χ^2/NDF : 17.4/17

In: 303.580+/-400.186 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.769+/-264.517 χ^2/NDF : 17.4/17

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 657.304+/-0.283 χ^2/NDF : 1007039.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.987+/-0.249 χ^2/NDF : 1043349.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

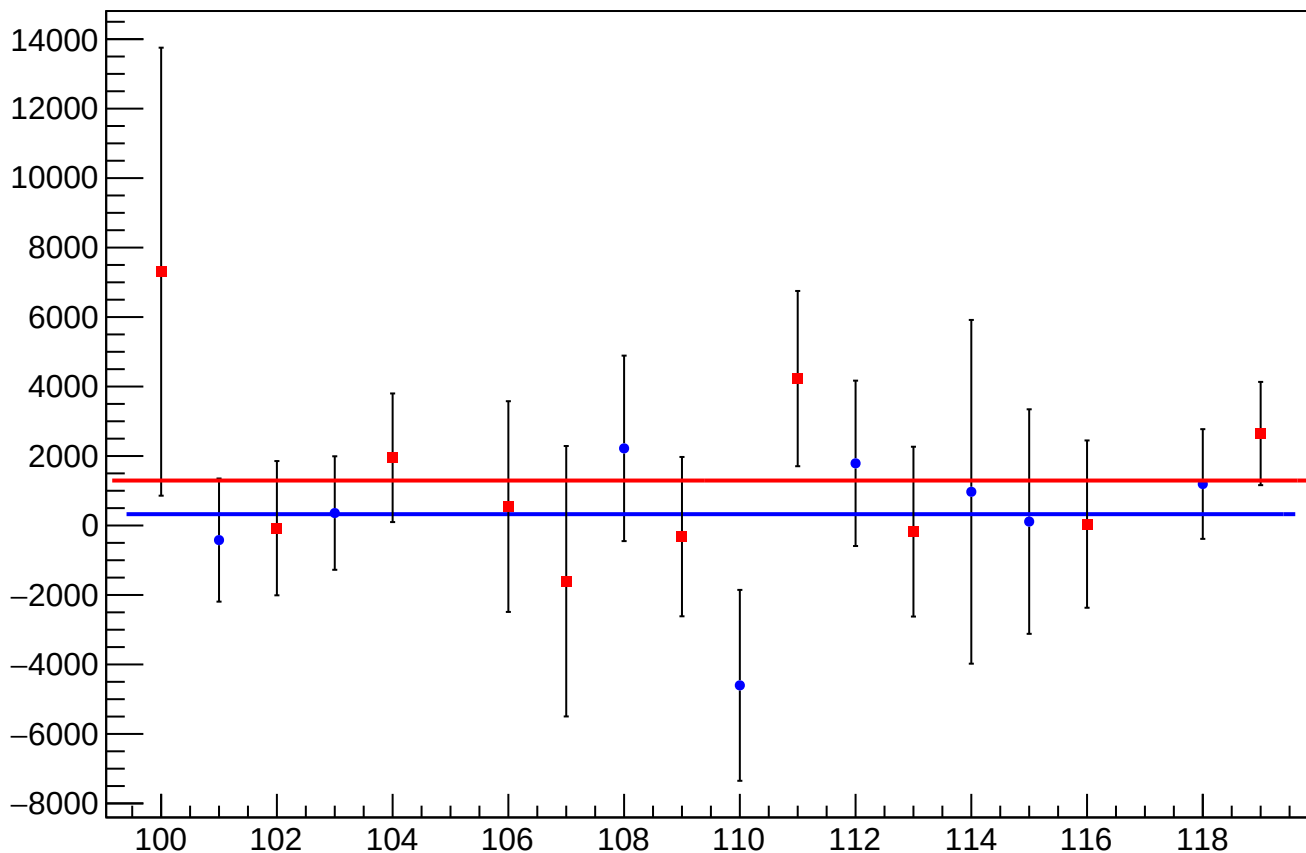
Right: 643.611+/-0.187 χ^2/NDF : 2054547.5/17

In: 657.304+/-0.283 χ^2/NDF : 1007039.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.611+/-0.187 χ^2/NDF : 2054547.5/17

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 326.060 $\pm$ 771.530 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1294.290 $\pm$ 725.836 χ^2 /NDF: 5.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

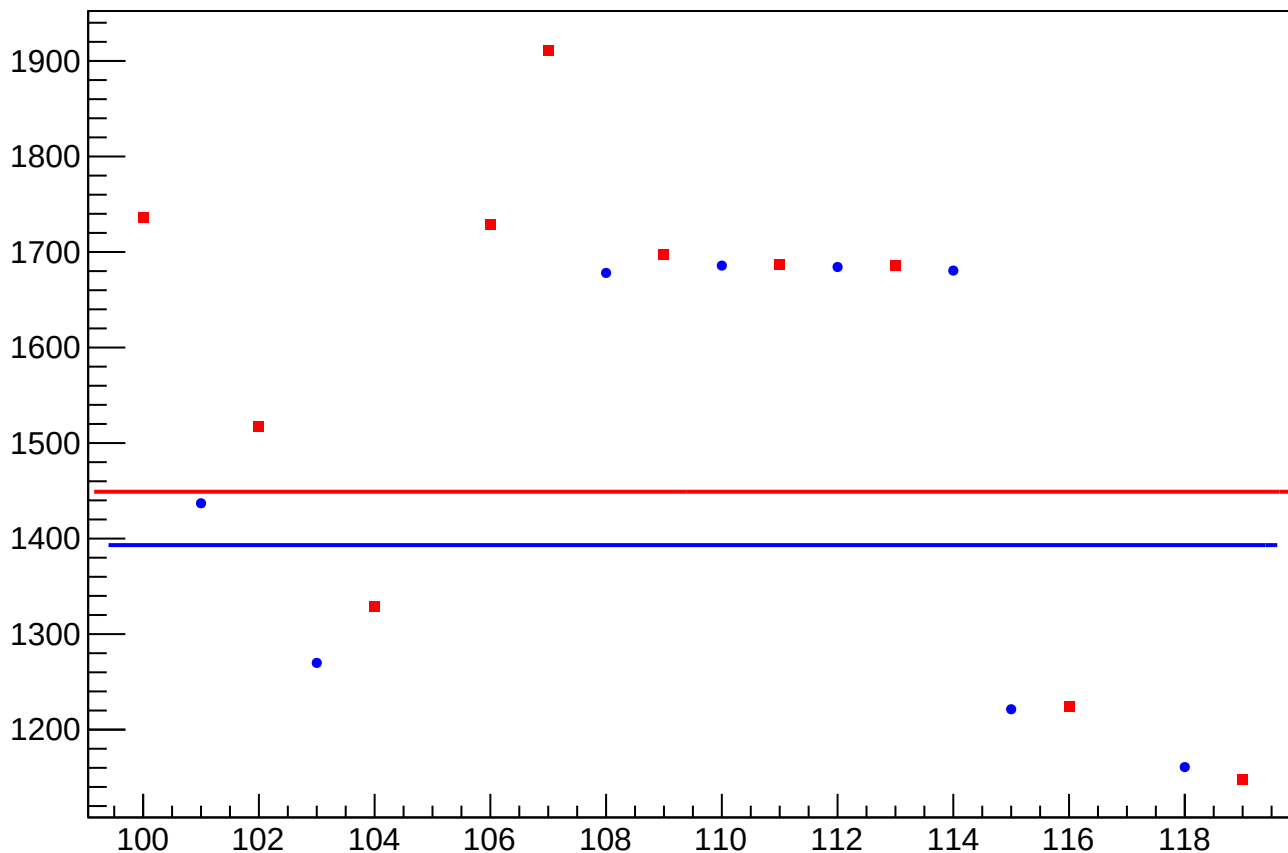
Right: 839.694 $\pm$ 528.659 χ^2 /NDF: 10.9/17

In: 326.060 $\pm$ 771.530 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 839.694 $\pm$ 528.659 χ^2 /NDF: 10.9/17

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1393.166+/-0.546 χ^2/NDF : 143711.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.035+/-0.513 χ^2/NDF : 219907.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

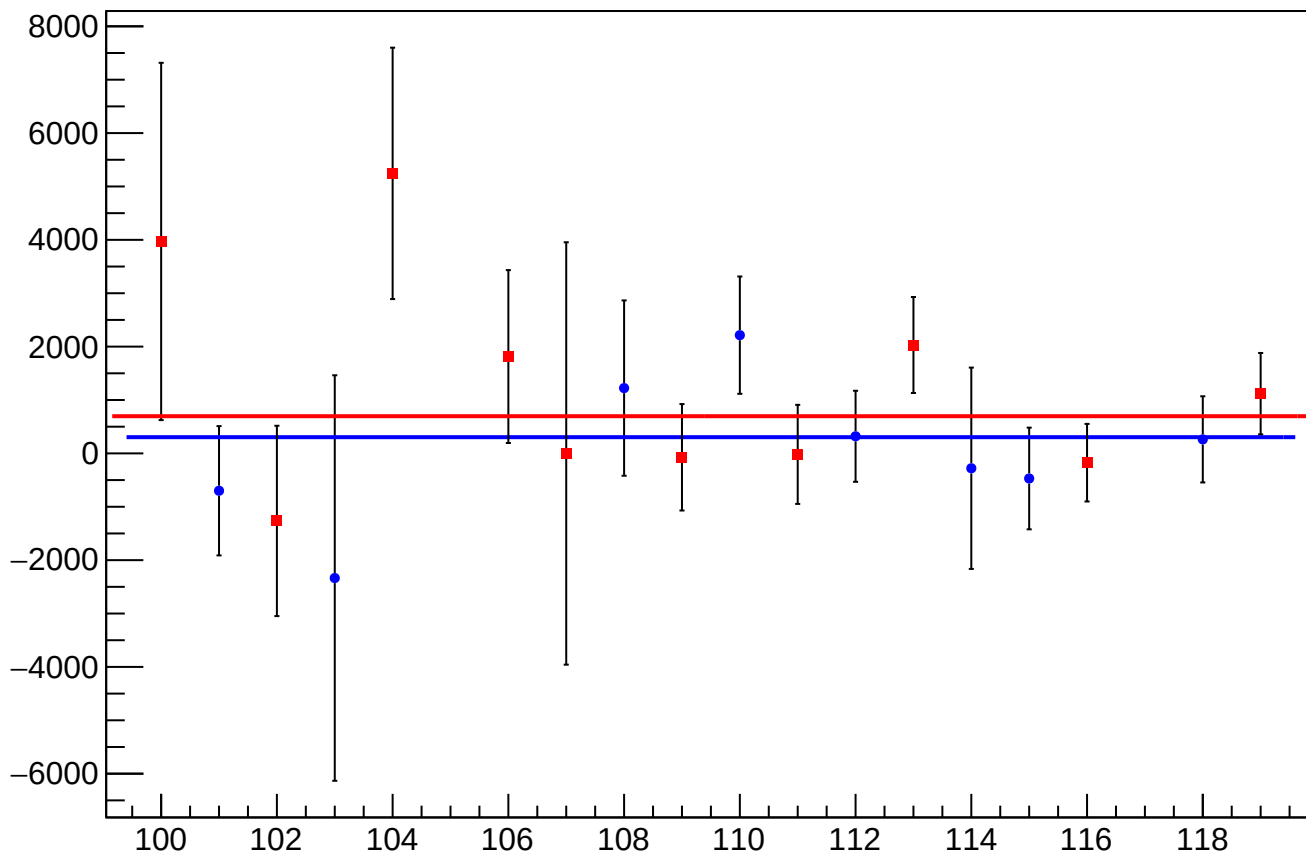
Right: 1422.804+/-0.374 χ^2/NDF : 369181.9/17

In: 1393.166+/-0.546 χ^2/NDF : 143711.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1422.804+/-0.374 χ^2/NDF : 369181.9/17

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 303.580+/-400.186 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 696.387+/-352.503 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

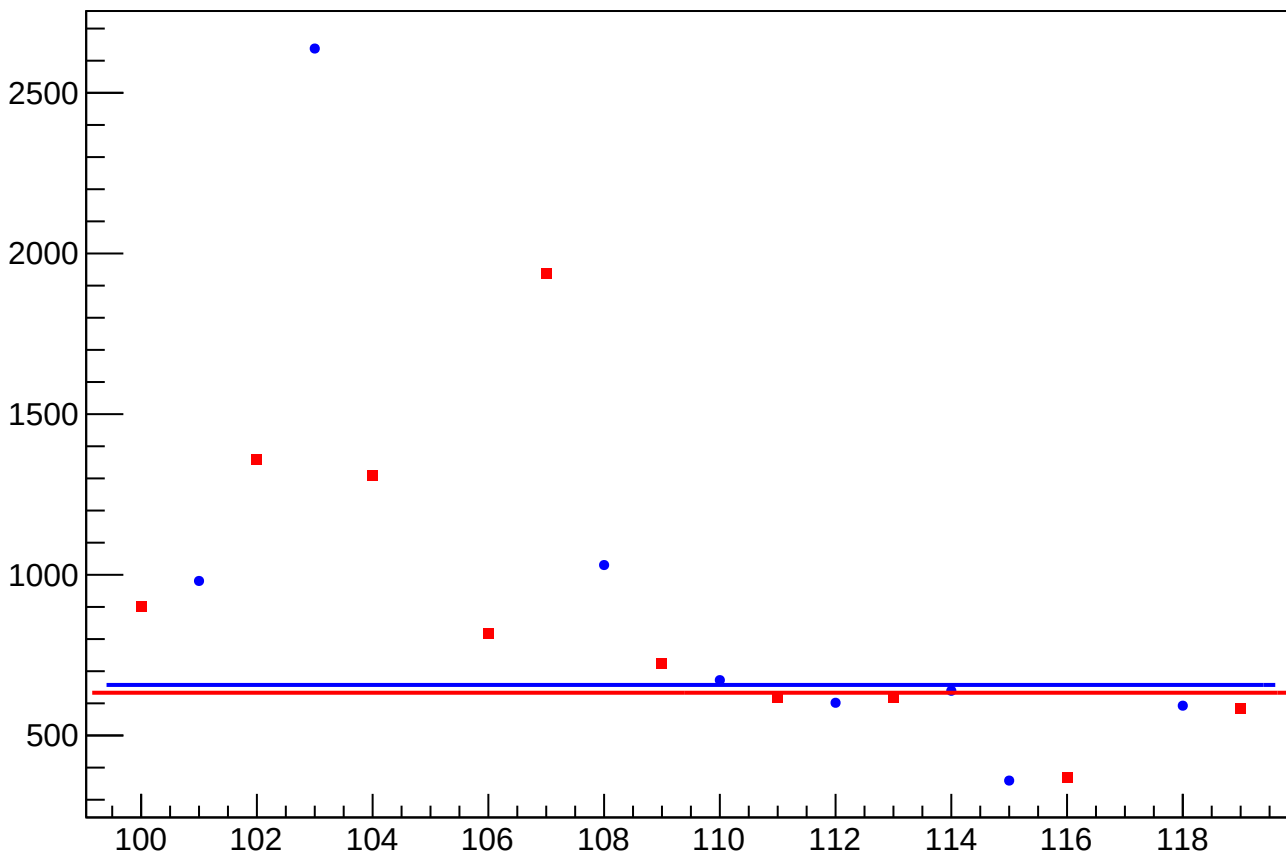
Right: 524.769+/-264.517 χ^2/NDF : 17.4/17

In: 303.580+/-400.186 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.769+/-264.517 χ^2/NDF : 17.4/17

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 657.304+/-0.283 χ^2/NDF : 1007039.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.987+/-0.249 χ^2/NDF : 1043349.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

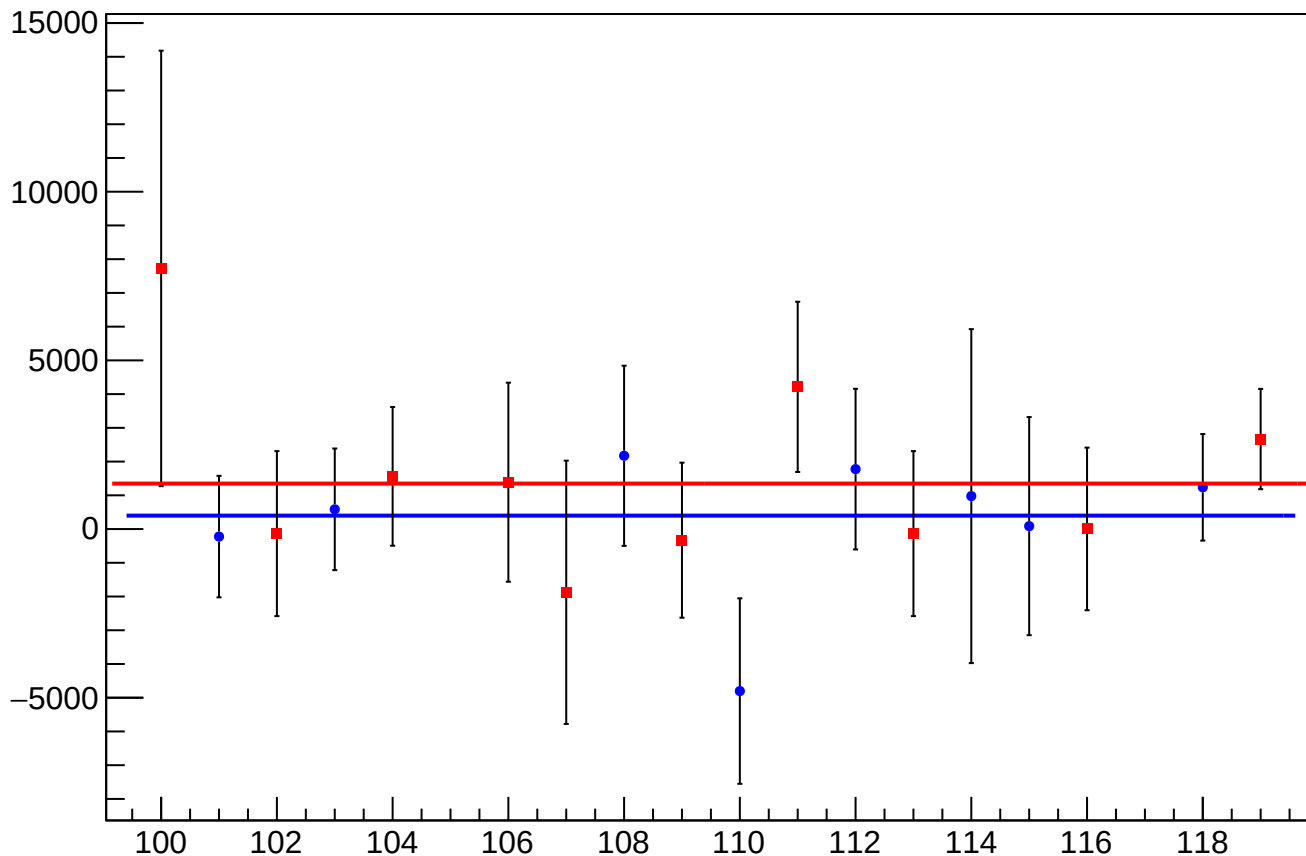
Right: 643.611+/-0.187 χ^2/NDF : 2054547.5/17

In: 657.304+/-0.283 χ^2/NDF : 1007039.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.611+/-0.187 χ^2/NDF : 2054547.5/17

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 397.907 $\pm$ 790.039 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1347.643 $\pm$ 756.691 χ^2 /NDF: 5.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

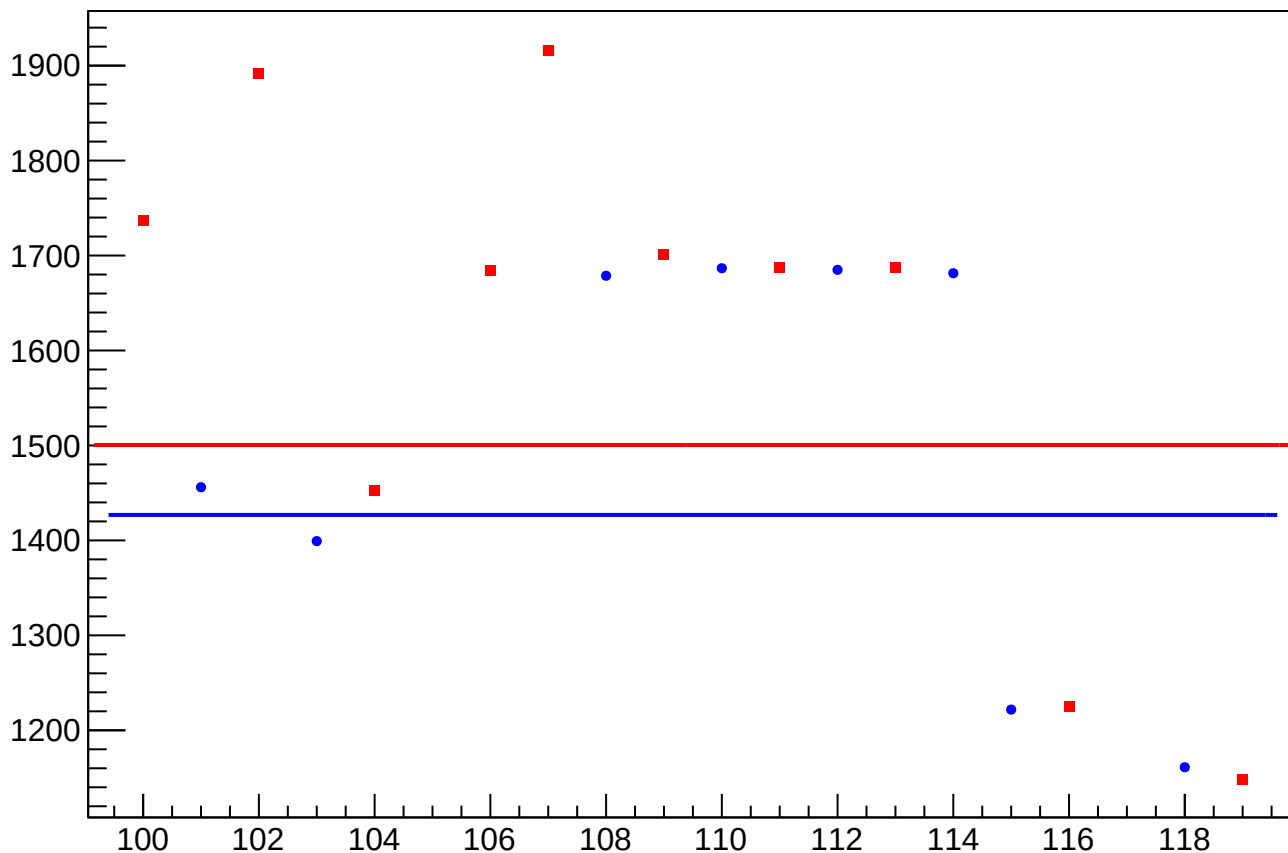
Right: 893.241 $\pm$ 546.470 χ^2 /NDF: 10.9/17

In: 397.907 $\pm$ 790.039 χ^2 /NDF: 4.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 893.241 $\pm$ 546.470 χ^2 /NDF: 10.9/17

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1426.837+/-0.559 χ^2/NDF : 130074.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.431+/-0.535 χ^2/NDF : 261834.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

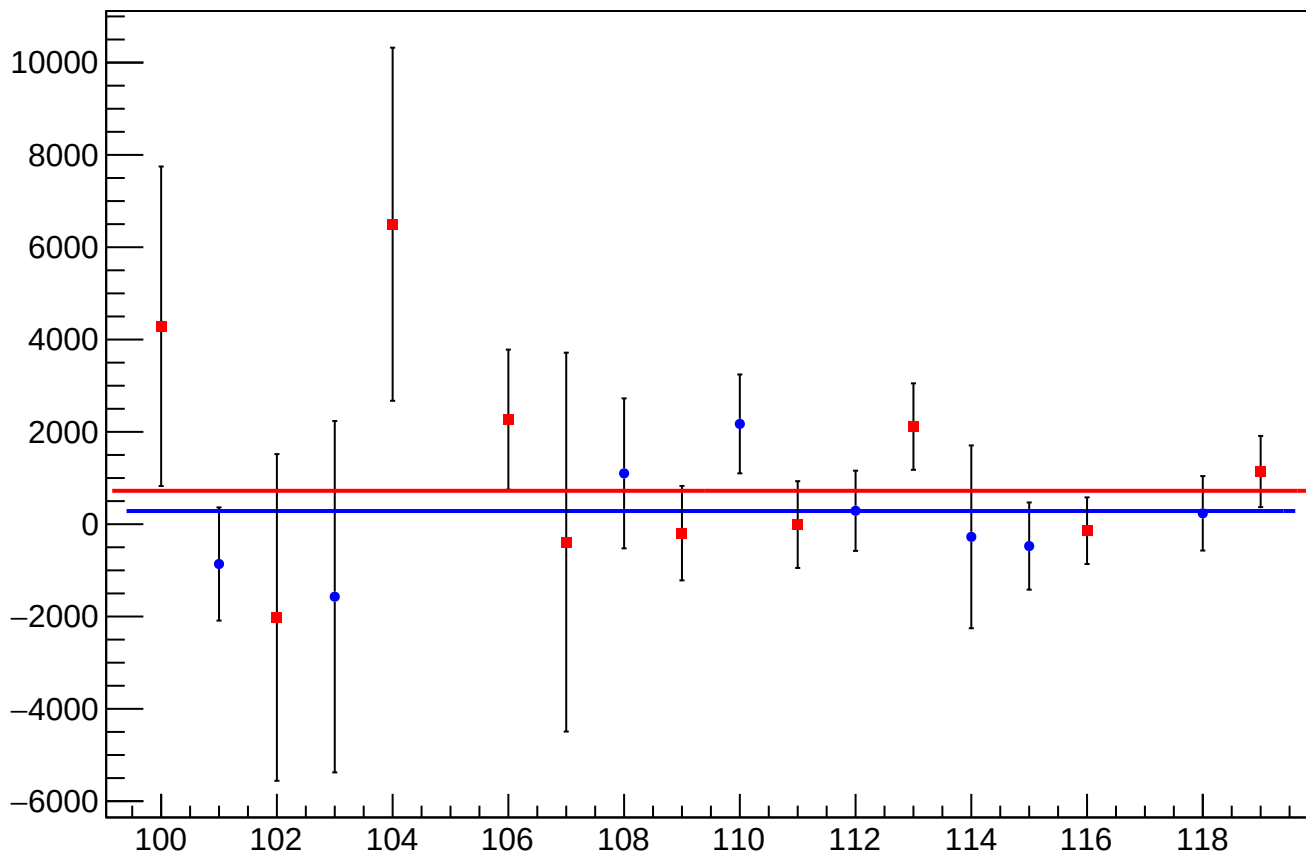
Right: 1465.220+/-0.386 χ^2/NDF : 400960.0/17

In: 1426.837+/-0.559 χ^2/NDF : 130074.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.220+/-0.386 χ^2/NDF : 400960.0/17

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 285.550+/-400.947 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 723.551+/-363.849 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

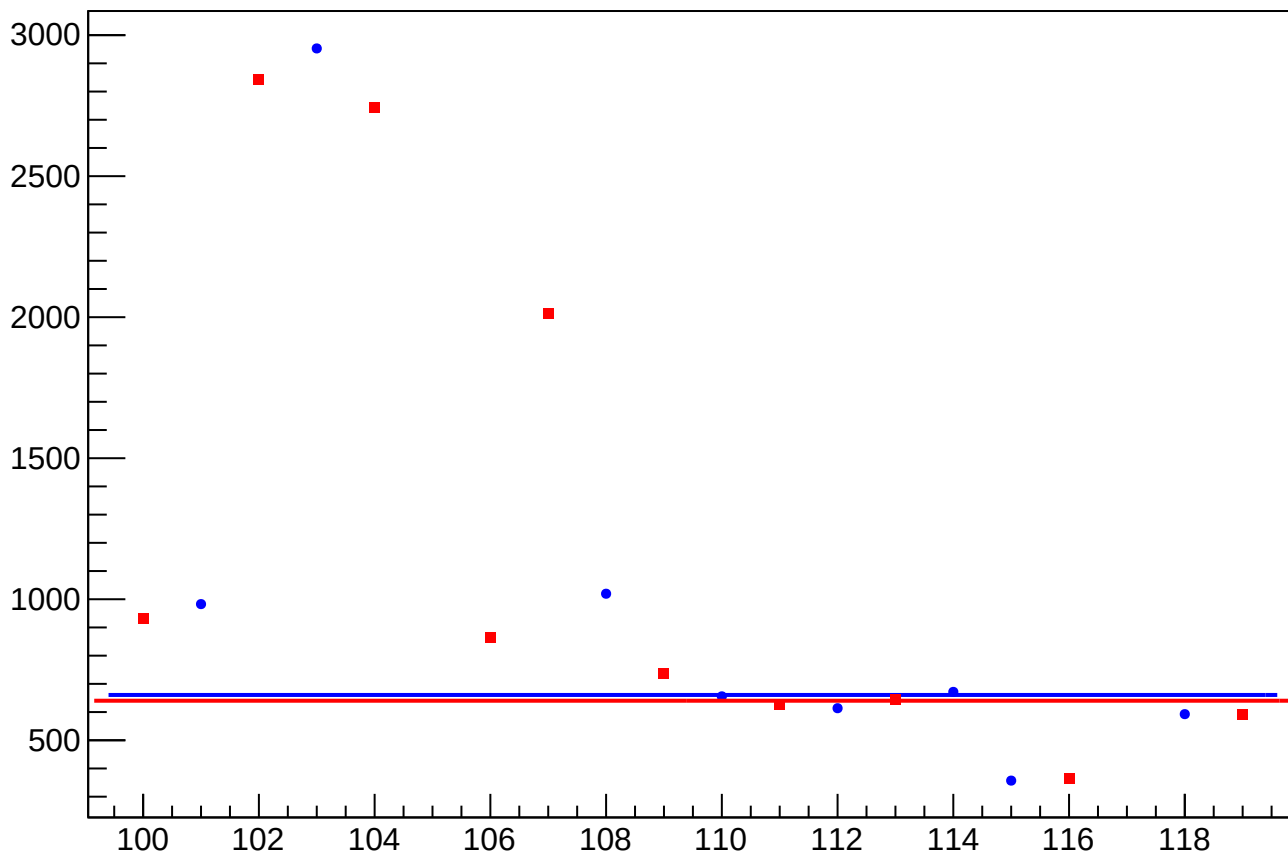
Right: 525.747+/-269.443 χ^2/NDF : 16.2/17

In: 285.550+/-400.947 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.747+/-269.443 χ^2/NDF : 16.2/17

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 660.665+/-0.284 χ^2/NDF : 1187934.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 640.226+/-0.257 χ^2/NDF : 1976418.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

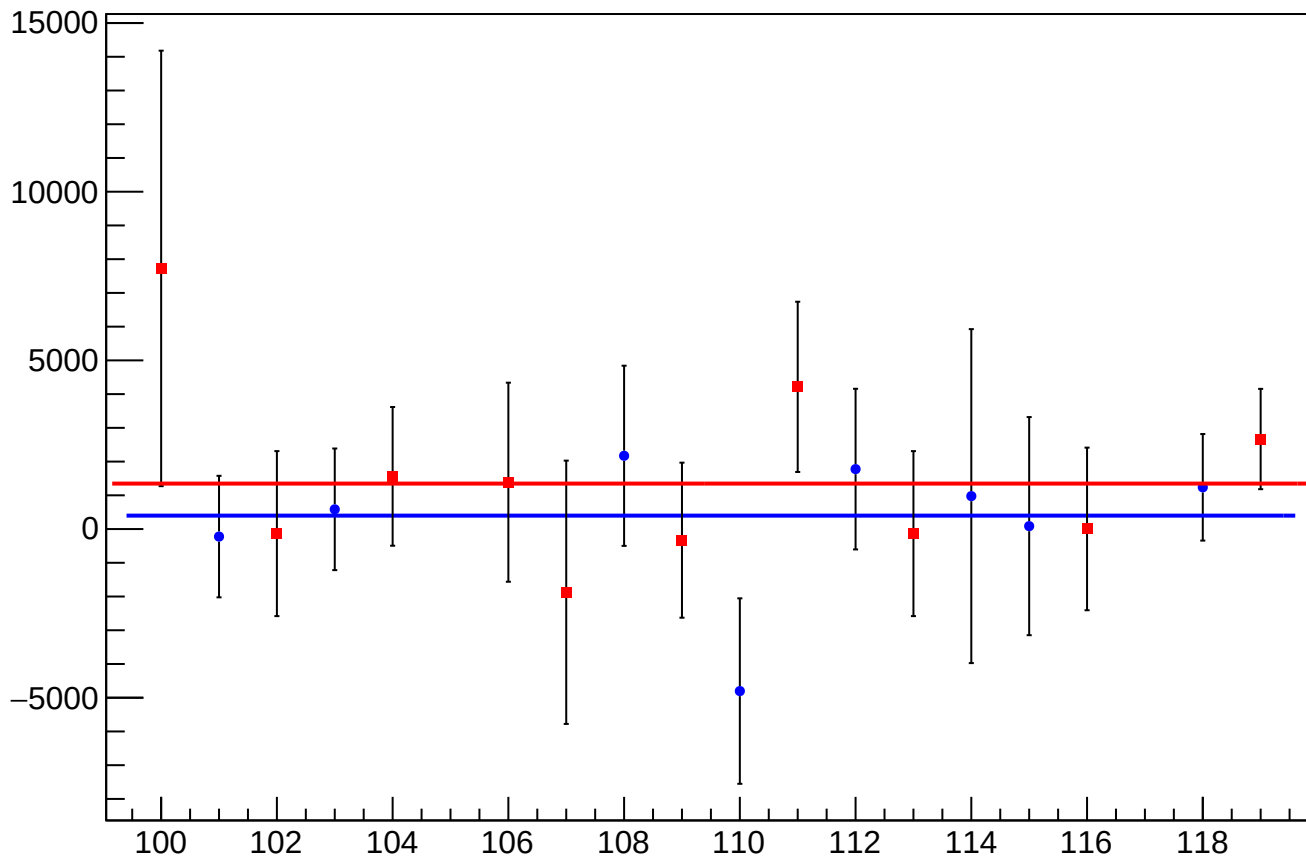
Right: 649.456+/-0.191 χ^2/NDF : 3167203.4/17

In: 660.665+/-0.284 χ^2/NDF :1187934.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 649.456+/-0.191 χ^2/NDF : 3167203.4/17

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 397.909+/-790.038 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.642+/-756.691 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

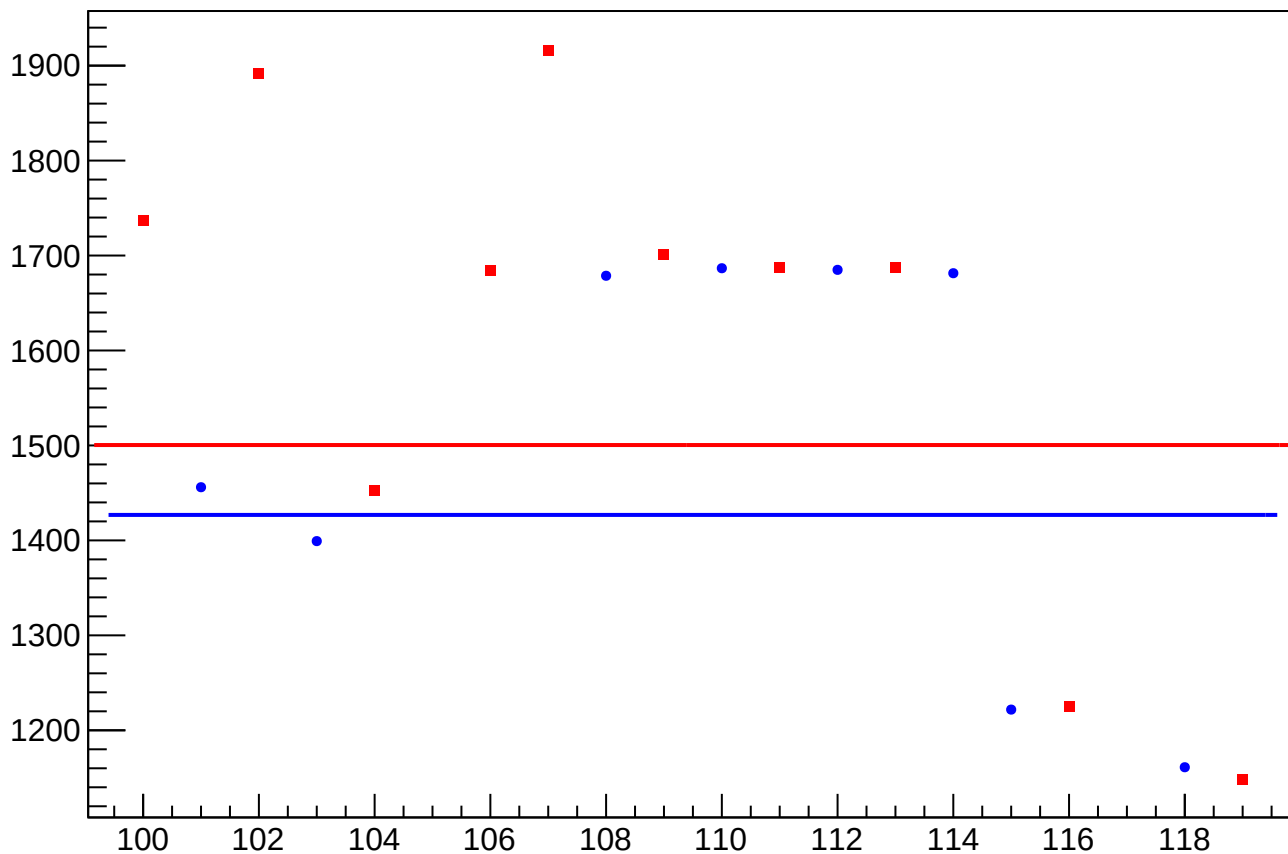
Right: 893.242+/-546.470 χ^2/NDF : 10.9/17

In: 397.909+/-790.038 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 893.242+/-546.470 χ^2/NDF : 10.9/17

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1426.837+/-0.559 χ^2/NDF : 130074.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.431+/-0.535 χ^2/NDF : 261834.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

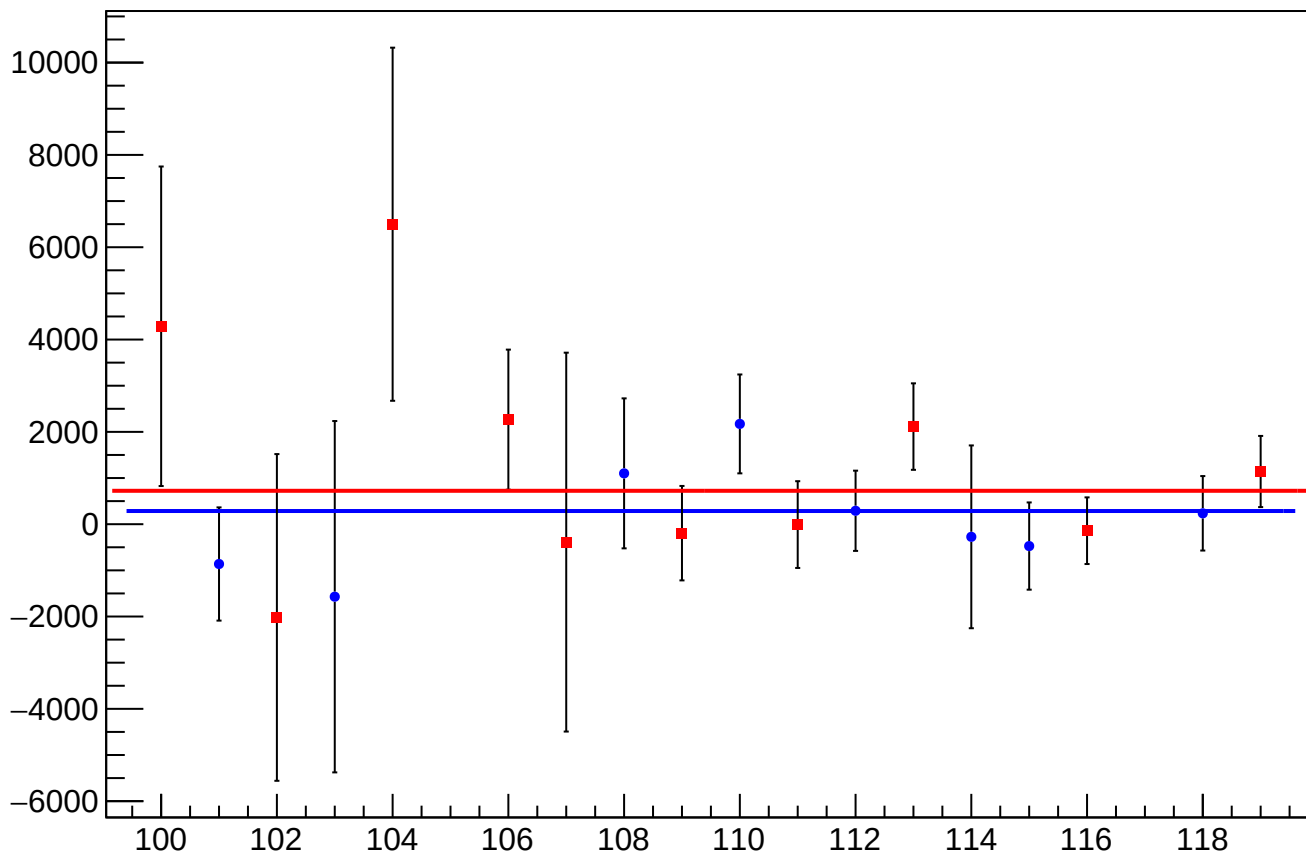
Right: 1465.220+/-0.386 χ^2/NDF : 400960.0/17

In: 1426.837+/-0.559 χ^2/NDF : 130074.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.220+/-0.386 χ^2/NDF : 400960.0/17

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 285.551+/-400.946 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 723.550+/-363.848 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

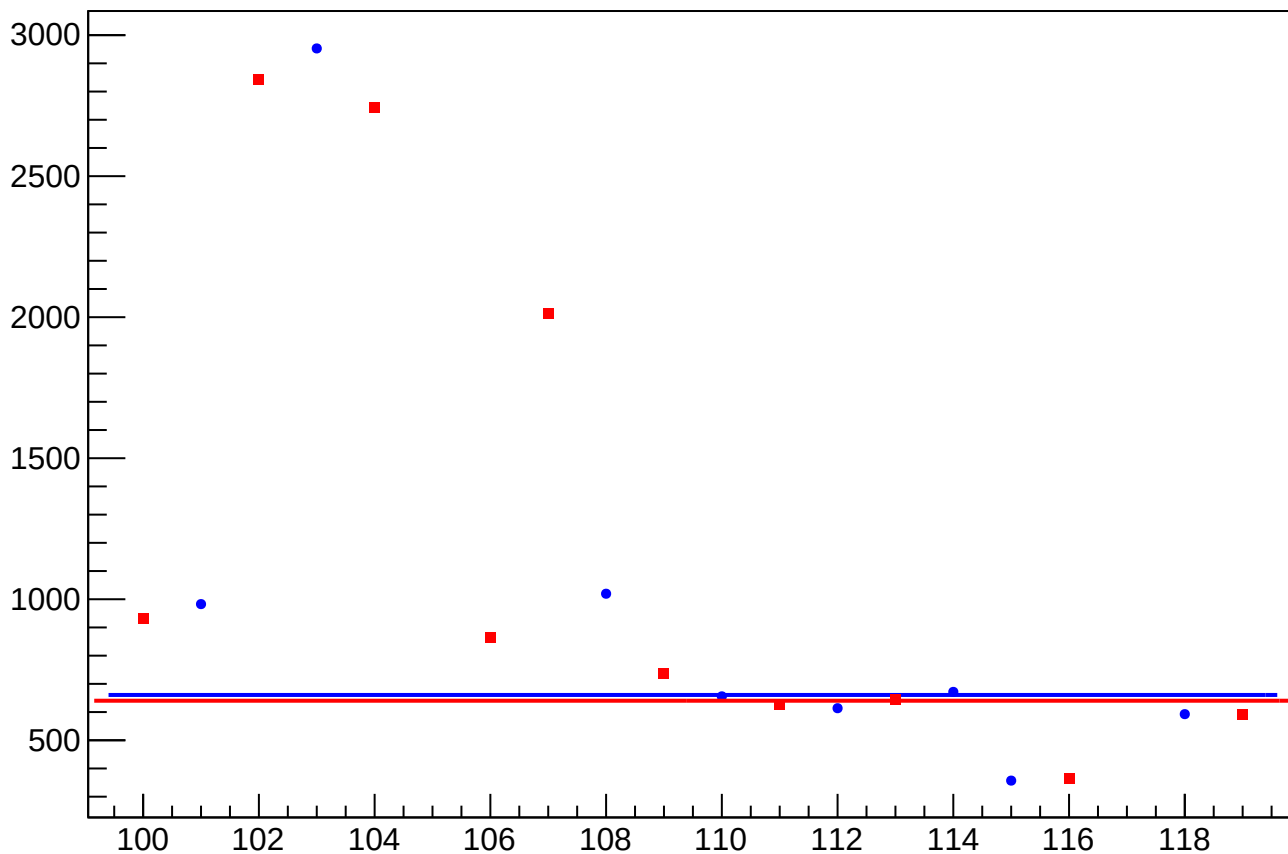
Right: 525.747+/-269.443 χ^2/NDF : 16.2/17

In: 285.551+/-400.946 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.747+/-269.443 χ^2/NDF : 16.2/17

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 660.665+/-0.284 χ^2/NDF : 1187933.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.225+/-0.257 χ^2/NDF : 1976421.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

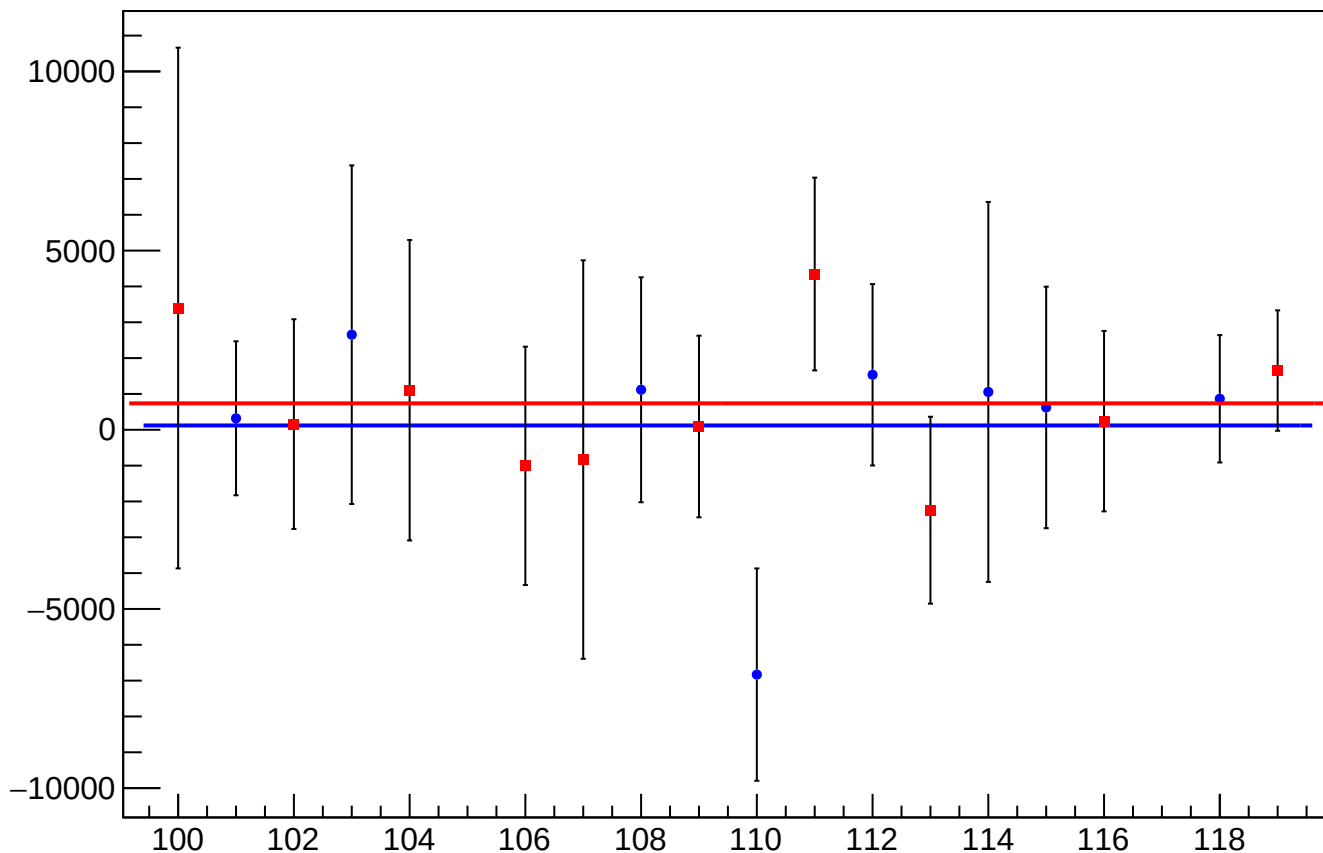
Right: 649.456+/-0.191 χ^2/NDF : 3167205.6/17

In: 660.665+/-0.284 χ^2/NDF : 1187933.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 649.456+/-0.191 χ^2/NDF : 3167205.6/17

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 120.498+/-965.346 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.806+/-887.922 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

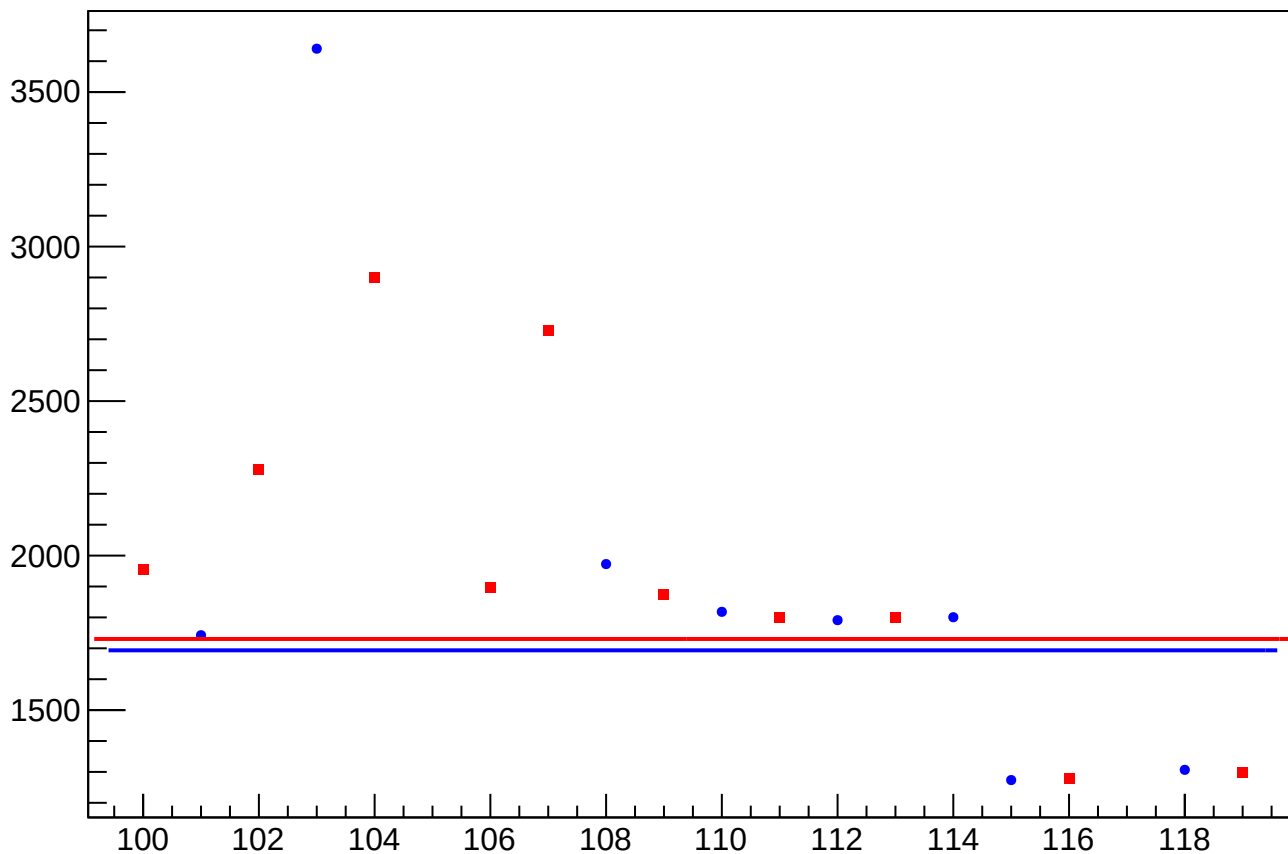
Right: 454.896+/-653.515 χ^2/NDF : 10.7/17

In: 120.498+/-965.346 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 454.896+/-653.515 χ^2/NDF : 10.7/17

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1693.446+/-0.683 χ^2/NDF : 489521.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1730.233+/-0.628 χ^2/NDF : 503015.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

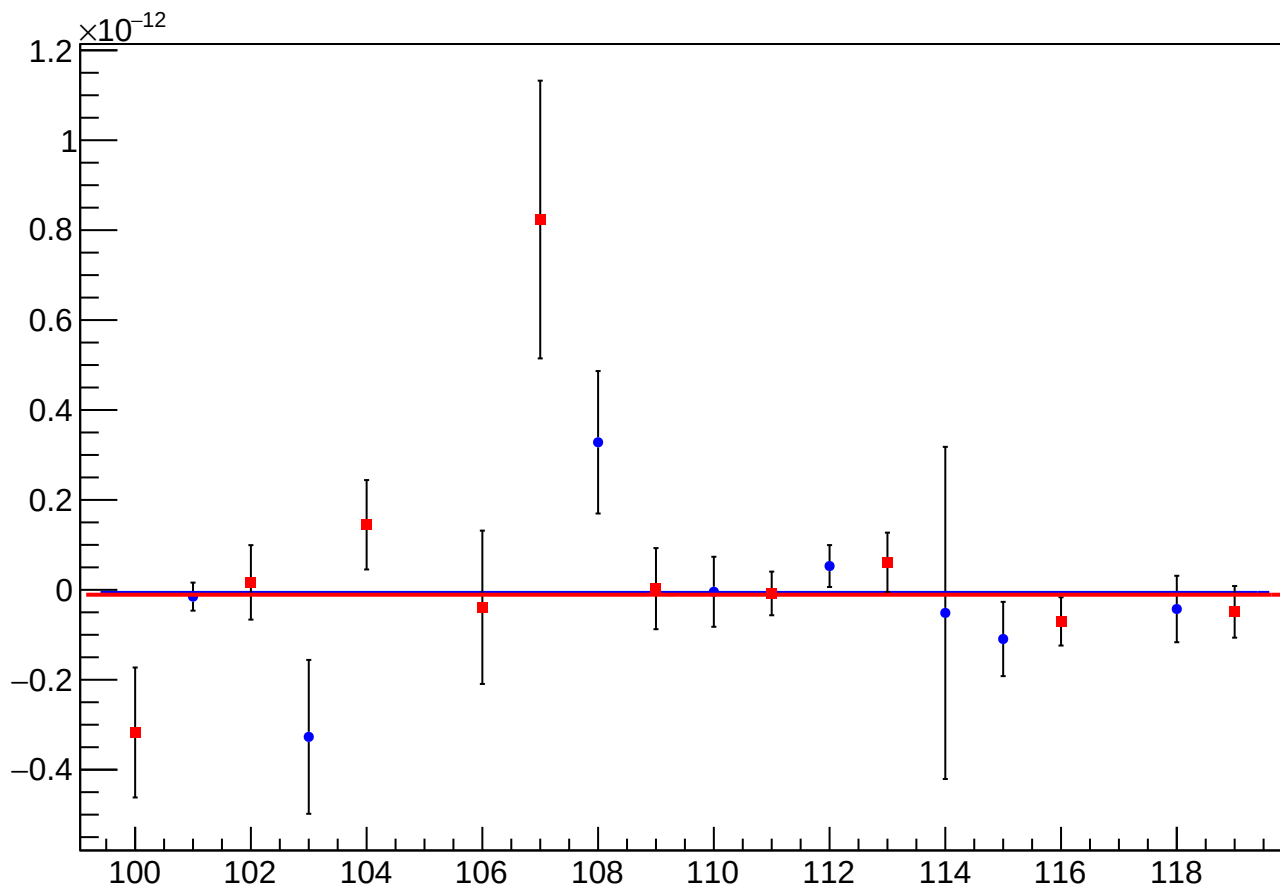
Right: 1713.374+/-0.462 χ^2/NDF : 994110.5/17

In: 1693.446+/-0.683 χ^2/NDF : 489521.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.374+/-0.462 χ^2/NDF : 994110.5/17

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

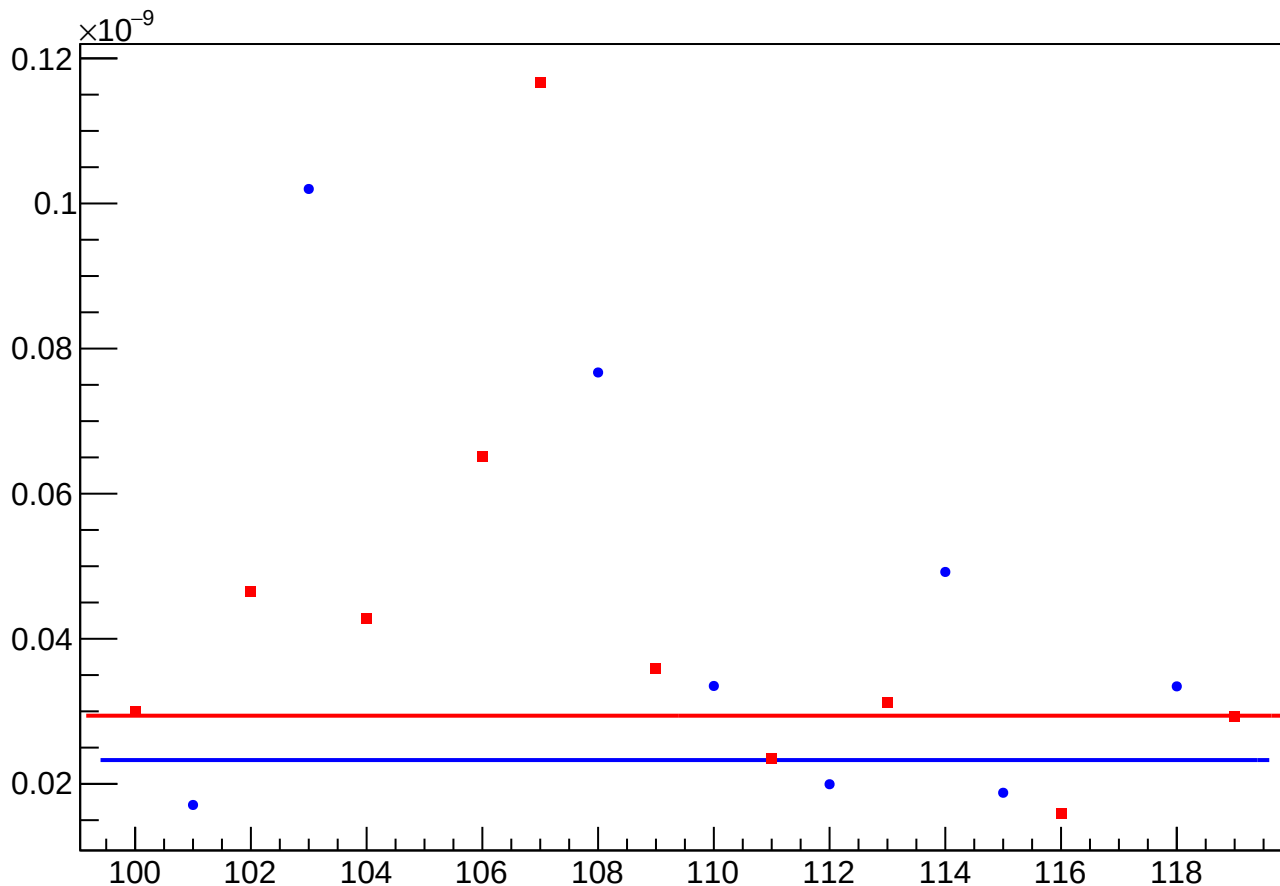
Right: -0.000+/-0.000 χ^2/NDF : 28.7/17

In: -0.000+/-0.000 χ^2/NDF : 11.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.7/17

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 827630.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 536987.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

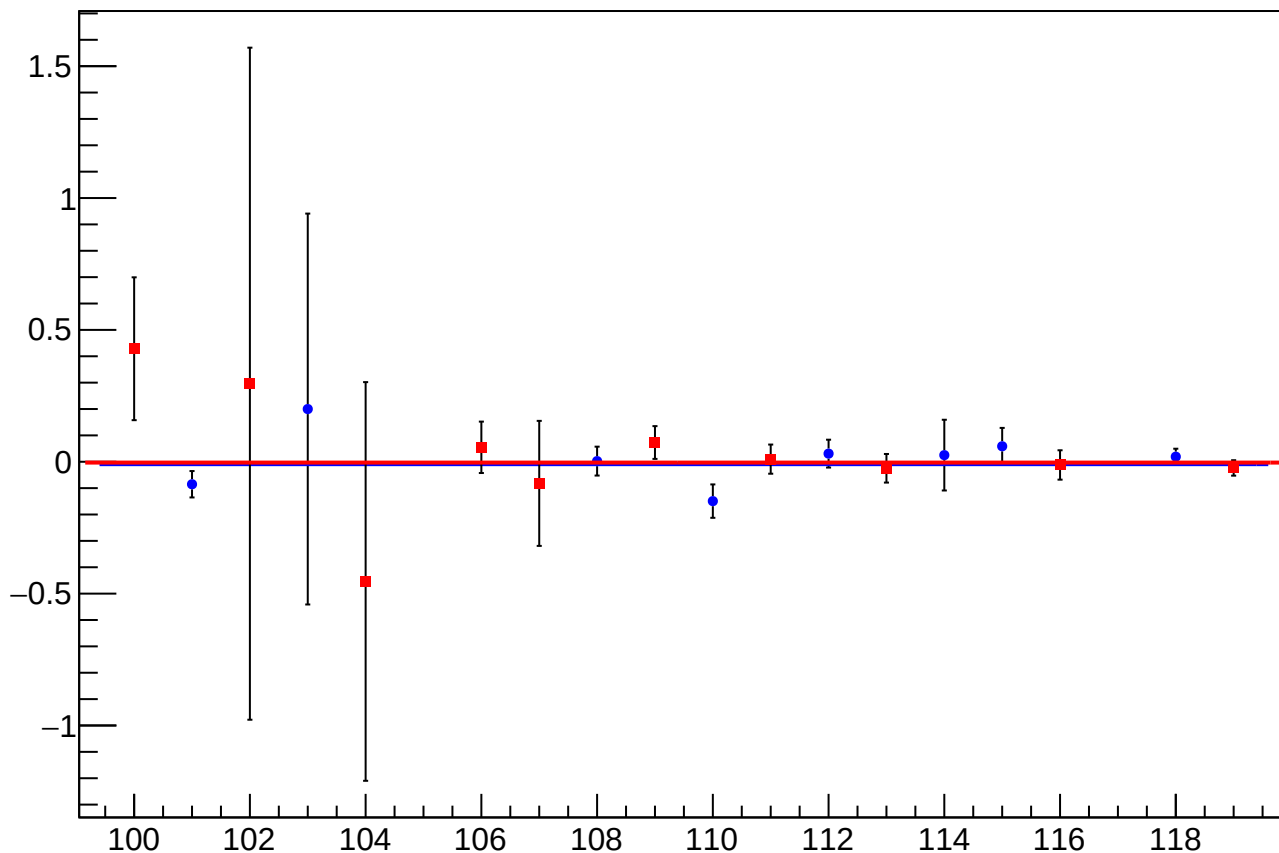
Right: 0.000+/-0.000 χ^2/NDF : 1435806.3/17

In: 0.000+/-0.000 χ^2/NDF : 827630.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1435806.3/17

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.019 χ^2 /NDF: 9.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.003+/-0.020 χ^2 /NDF: 5.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

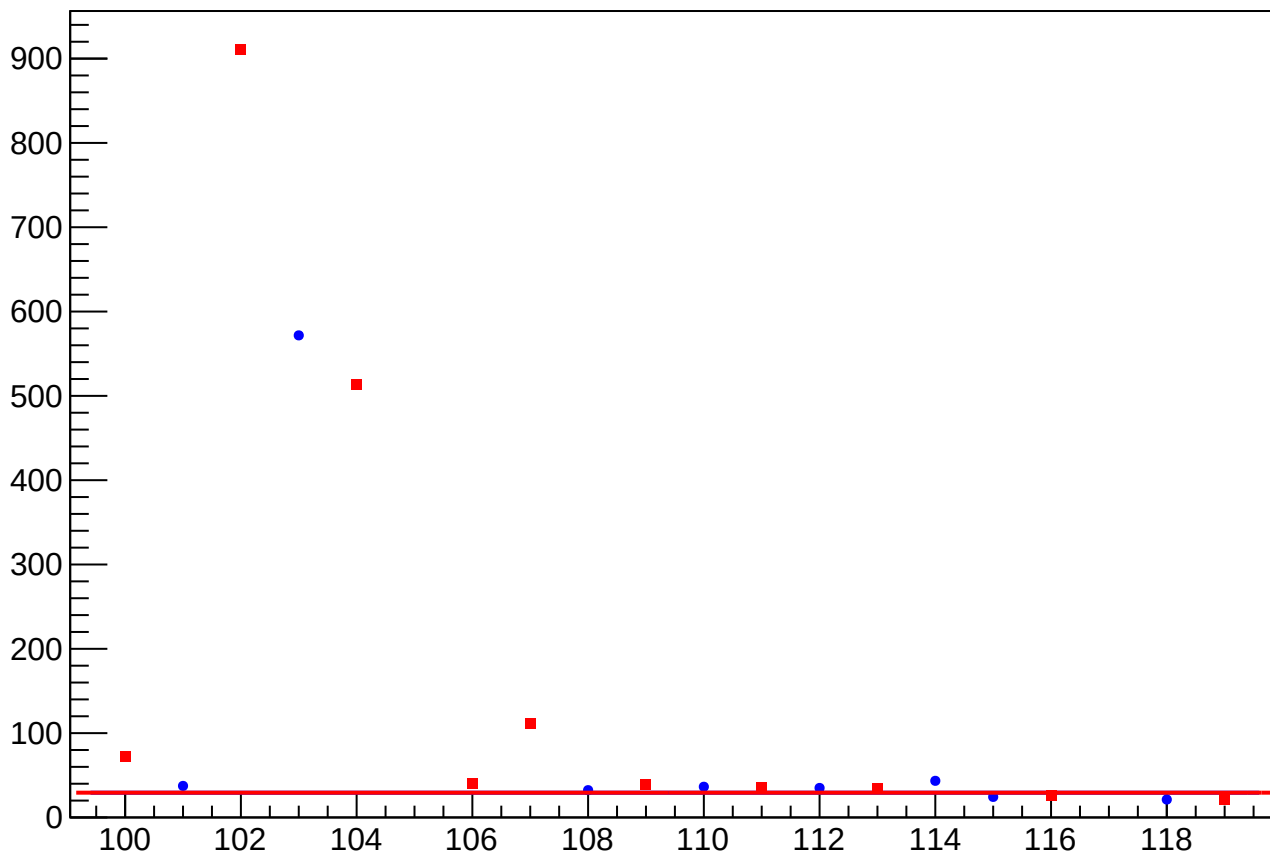
Right: -0.006+/-0.014 χ^2 /NDF: 15.5/17

In: -0.009+/-0.019 χ^2 /NDF:9.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.006+/-0.014 χ^2 /NDF: 15.5/17

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.325+/-0.014 χ^2/NDF : 1352365.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357437.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

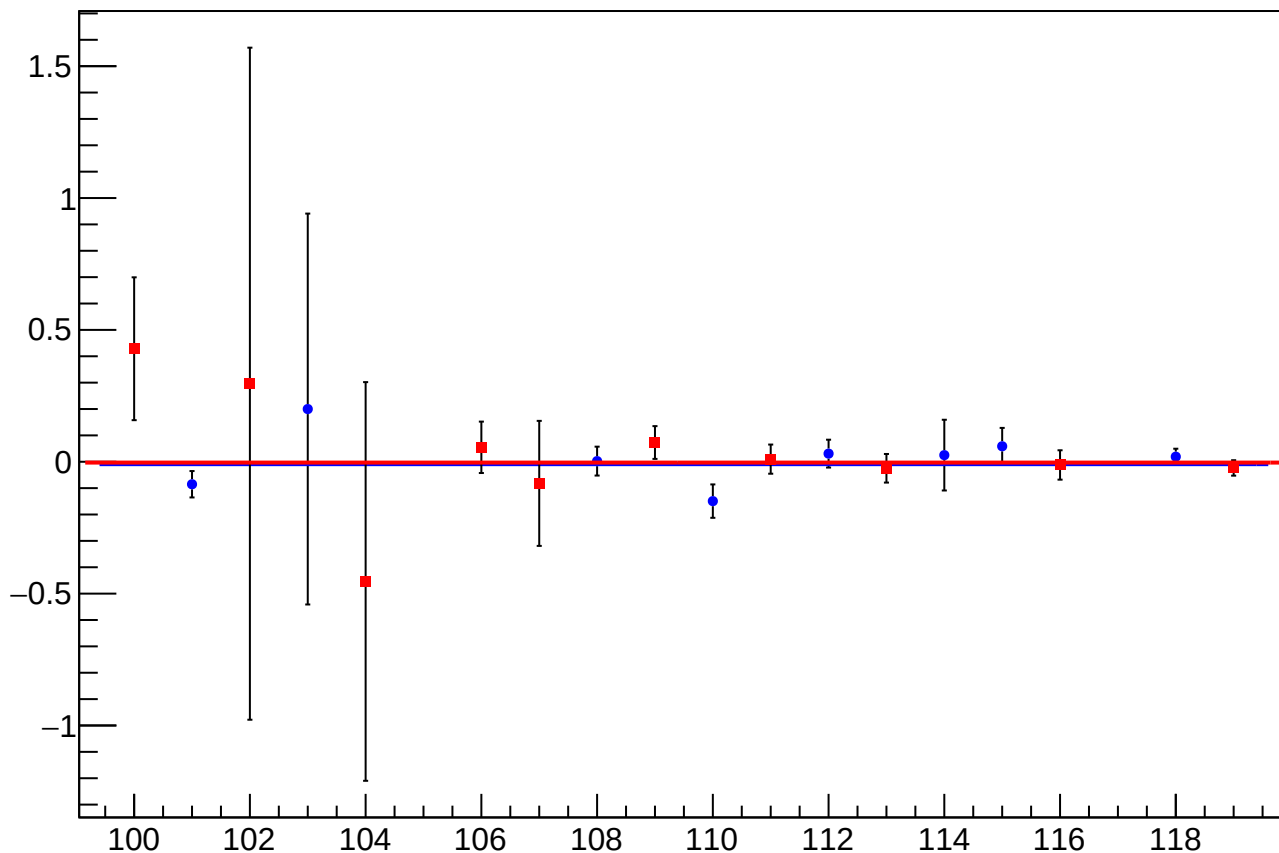
Right: 29.354+/-0.010 χ^2/NDF : 3709812.6/17

In: 29.325+/-0.014 χ^2/NDF : 1352365.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.354+/-0.010 χ^2/NDF : 3709812.6/17

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.019 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

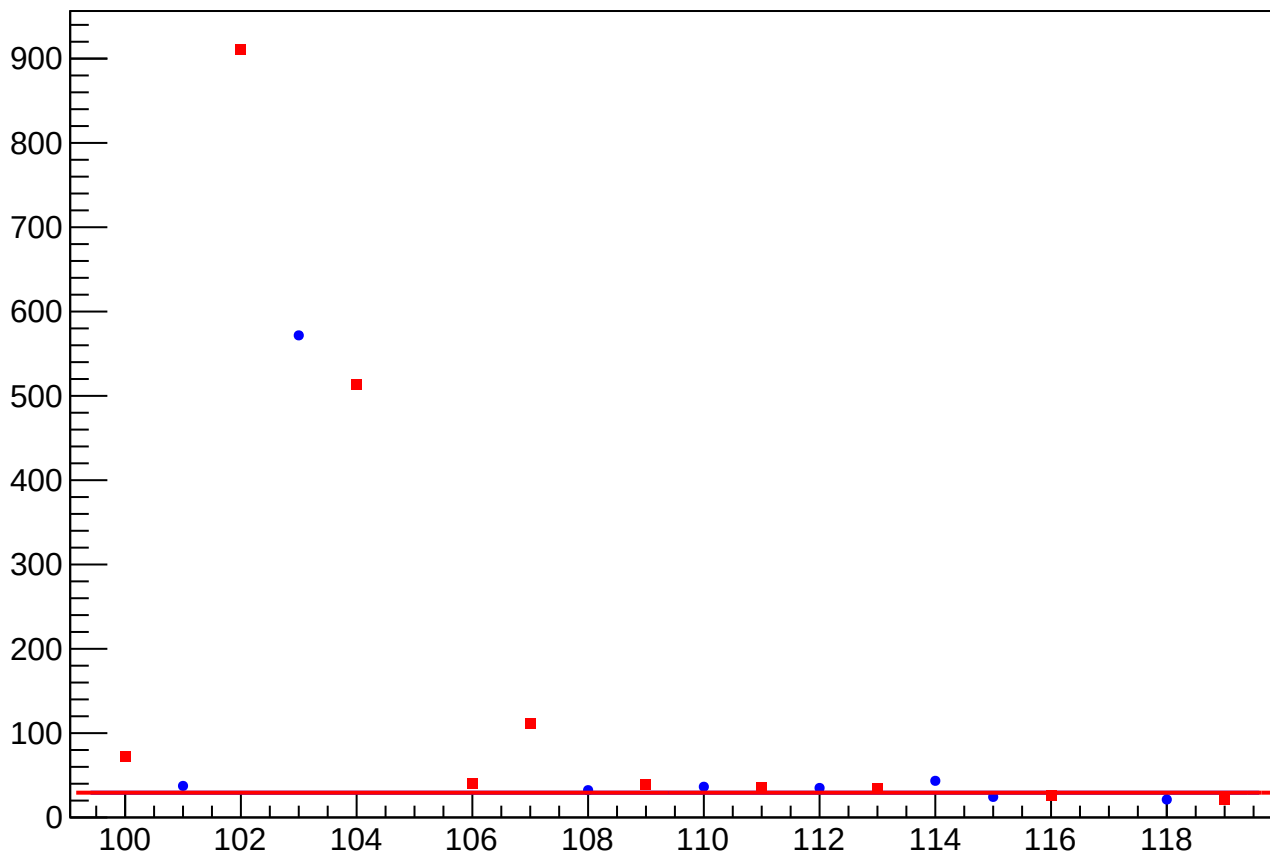
Right: -0.006+/-0.014 χ^2/NDF : 15.5/17

In: -0.009+/-0.019 χ^2/NDF :9.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.014 χ^2/NDF : 15.5/17

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.325+/-0.014 χ^2/NDF : 1352365.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357437.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

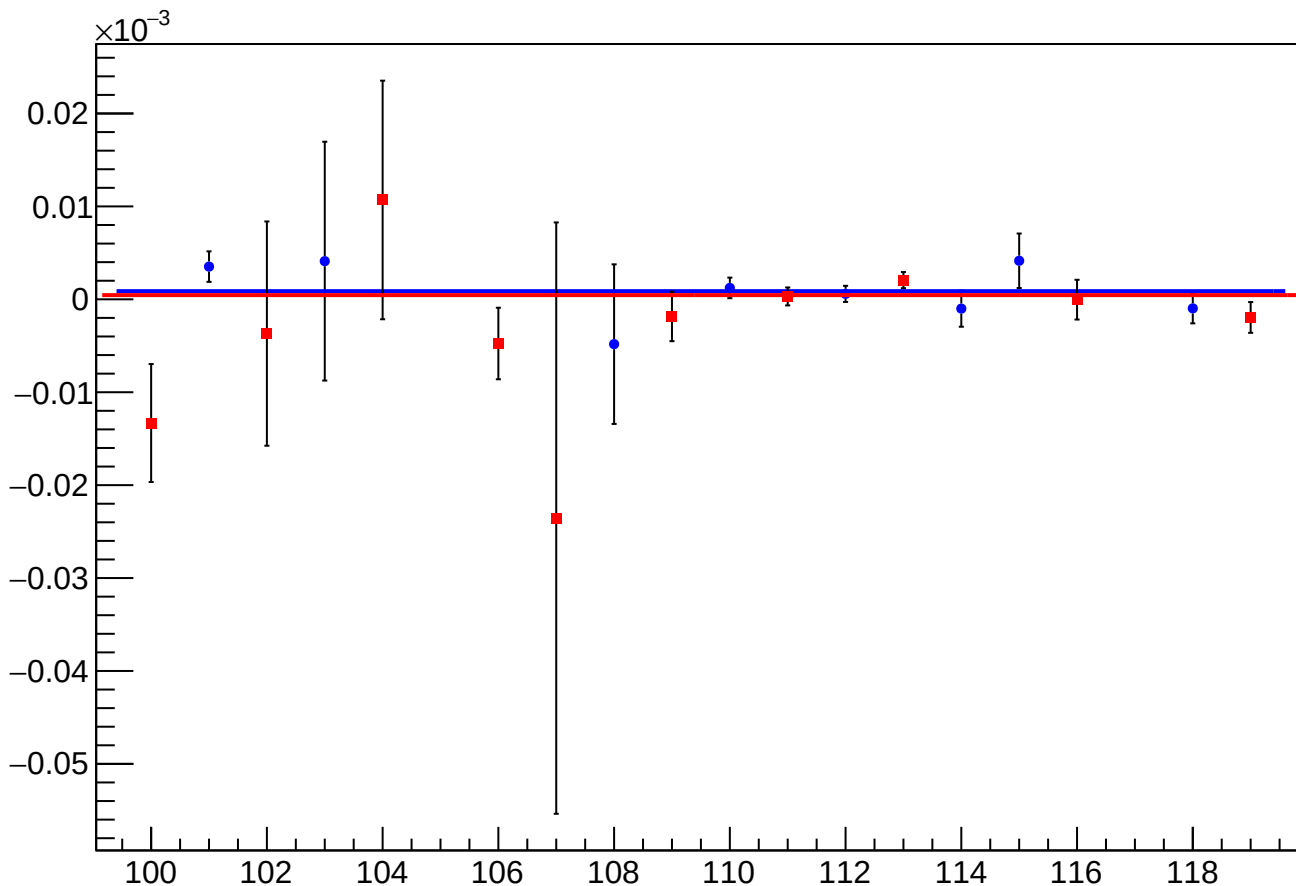
Right: 29.354+/-0.010 χ^2/NDF : 3709812.6/17

In: 29.325+/-0.014 χ^2/NDF :1352365.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.354+/-0.010 χ^2/NDF : 3709812.6/17

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 14.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

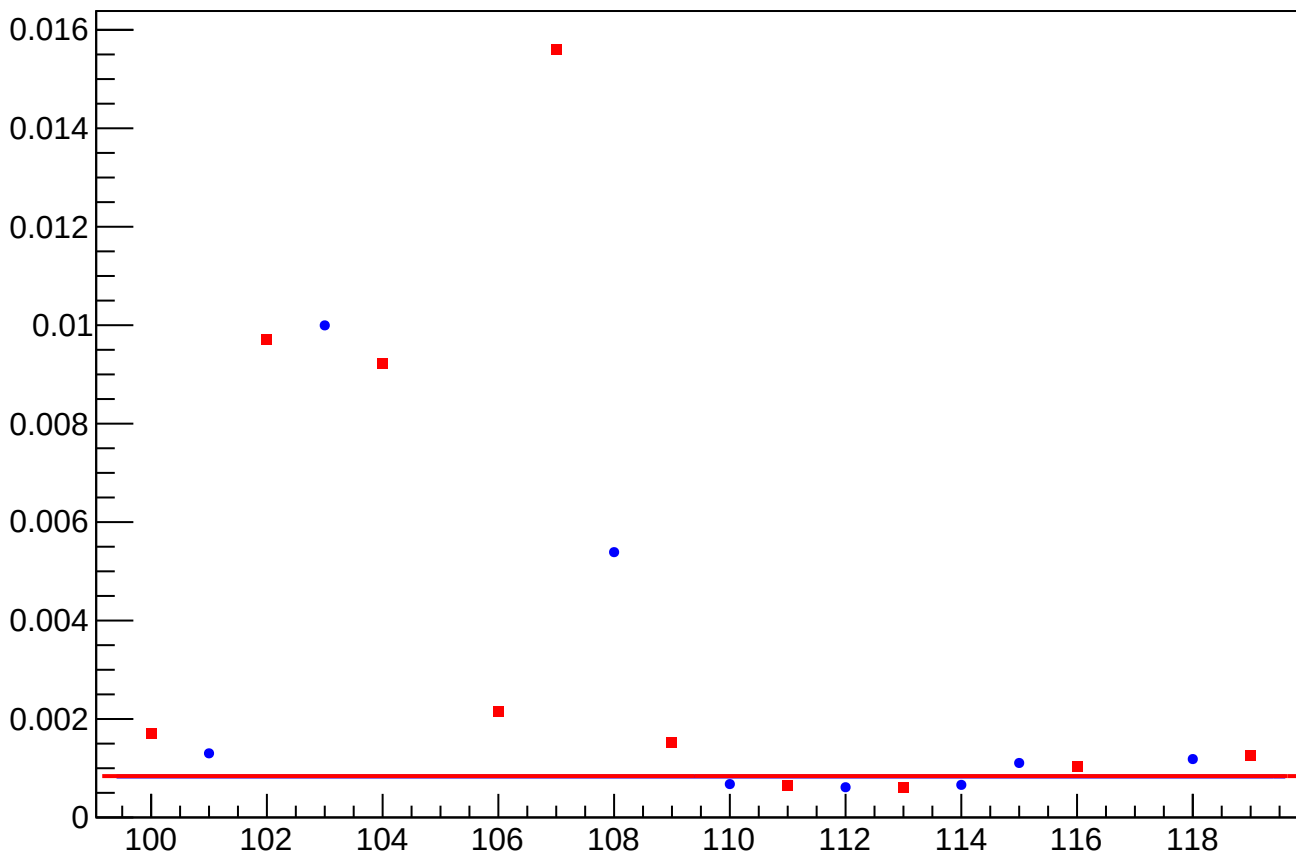
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 21.3/17

In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.8/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 21.3/17

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2038283.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3146494.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

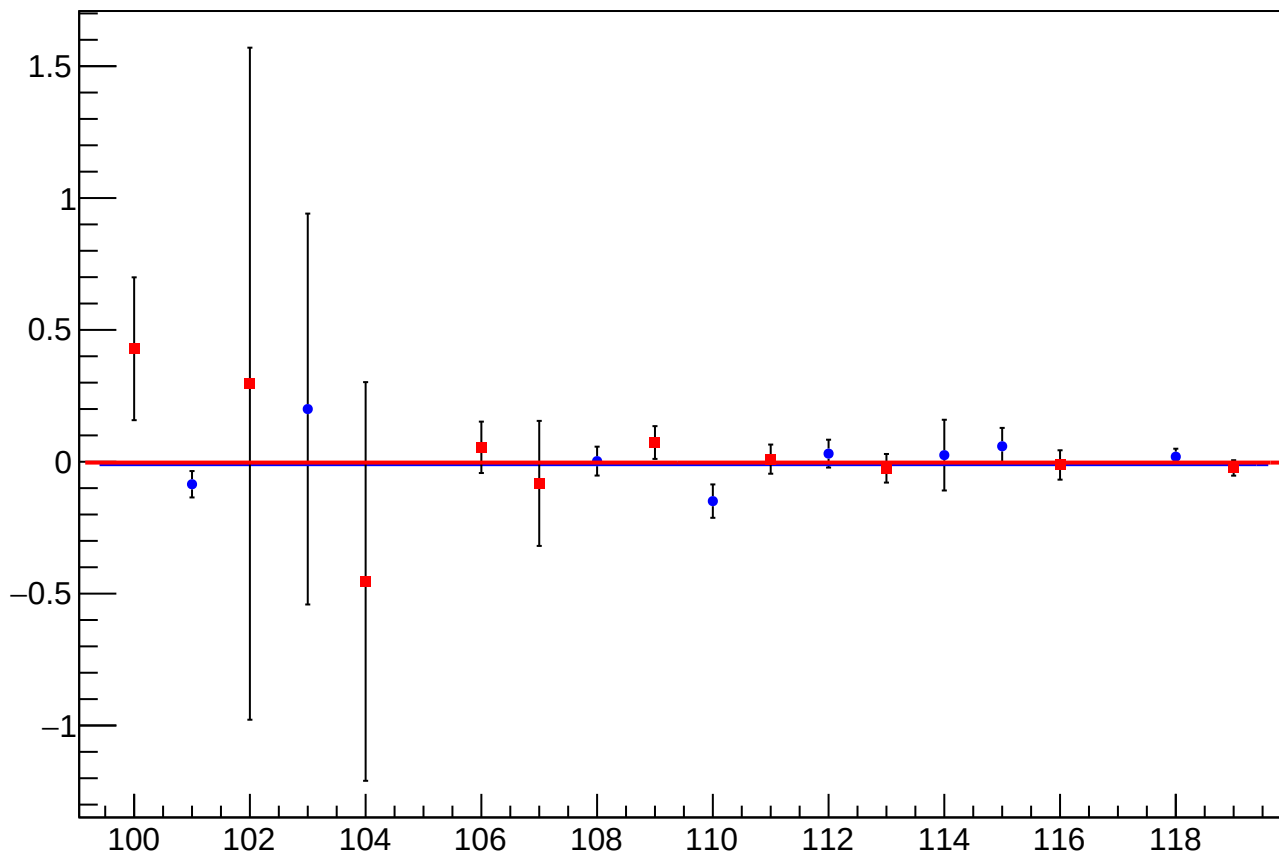
Right: 0.001+/-0.000 χ^2/NDF : 5184981.0/17

In: 0.001+/-0.000 χ^2/NDF : 2038283.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5184981.0/17

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.019 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

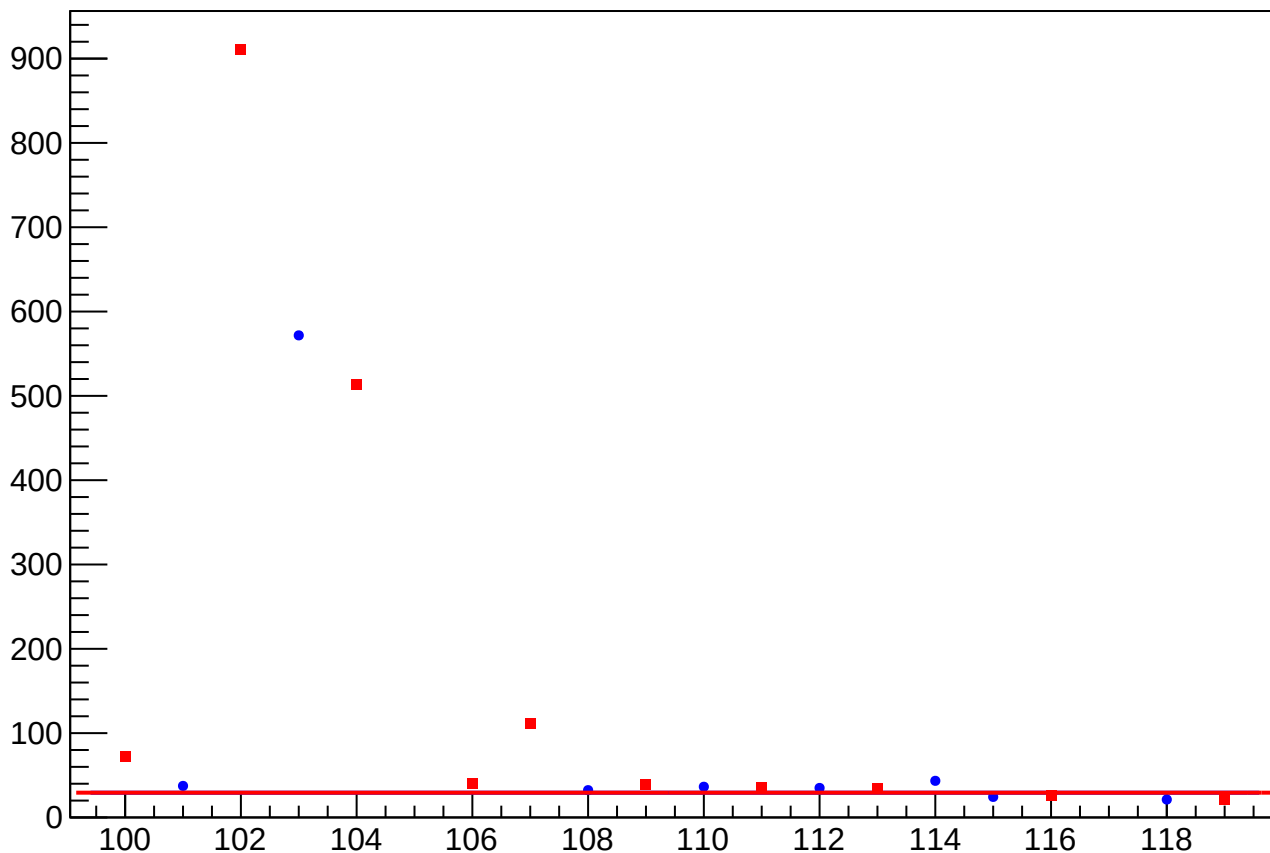
Right: -0.006+/-0.014 χ^2/NDF : 15.5/17

In: -0.009+/-0.019 χ^2/NDF :9.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.014 χ^2/NDF : 15.5/17

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.325+/-0.014 χ^2/NDF : 1352369.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357459.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

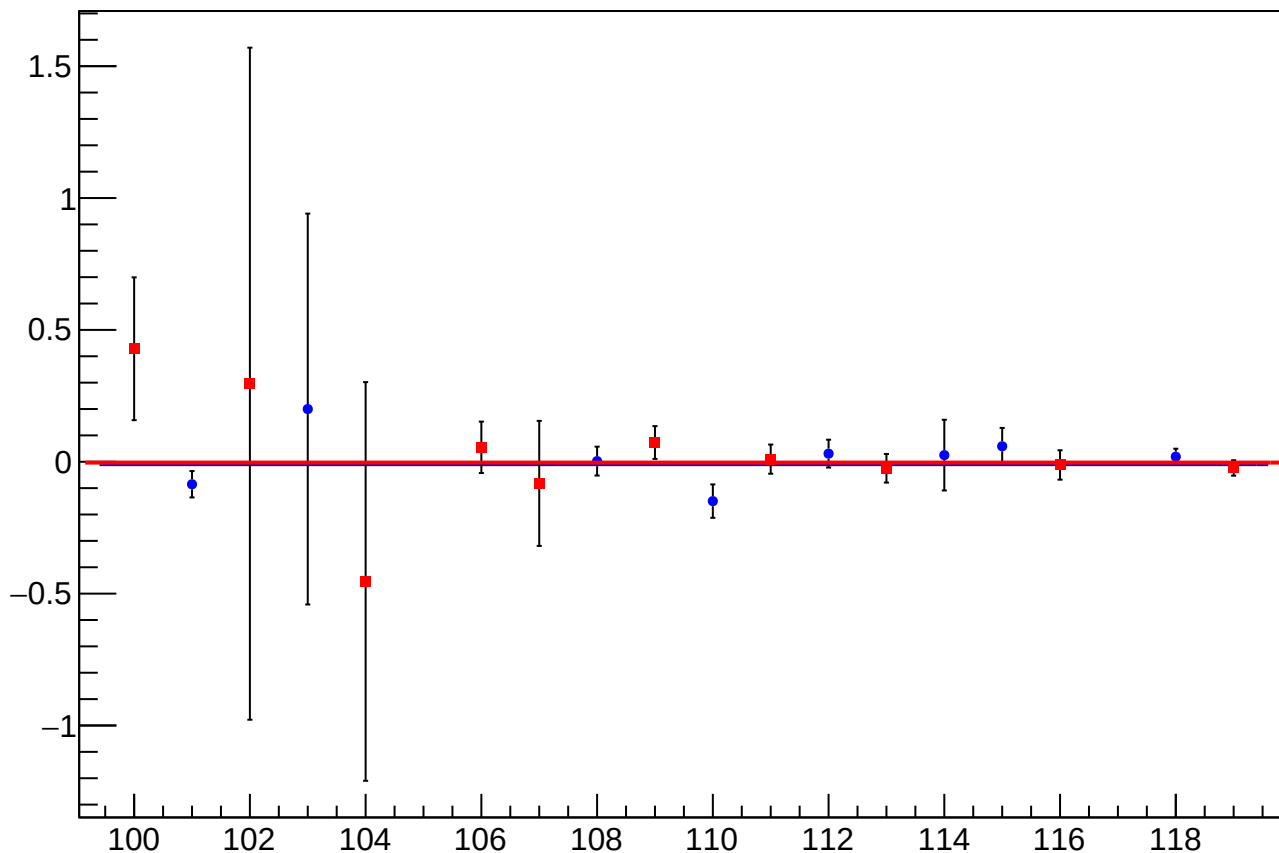
Right: 29.354+/-0.010 χ^2/NDF : 3709838.5/17

In: 29.325+/-0.014 χ^2/NDF : 1352369.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.354+/-0.010 χ^2/NDF : 3709838.5/17

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.019 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.003+/-0.020 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

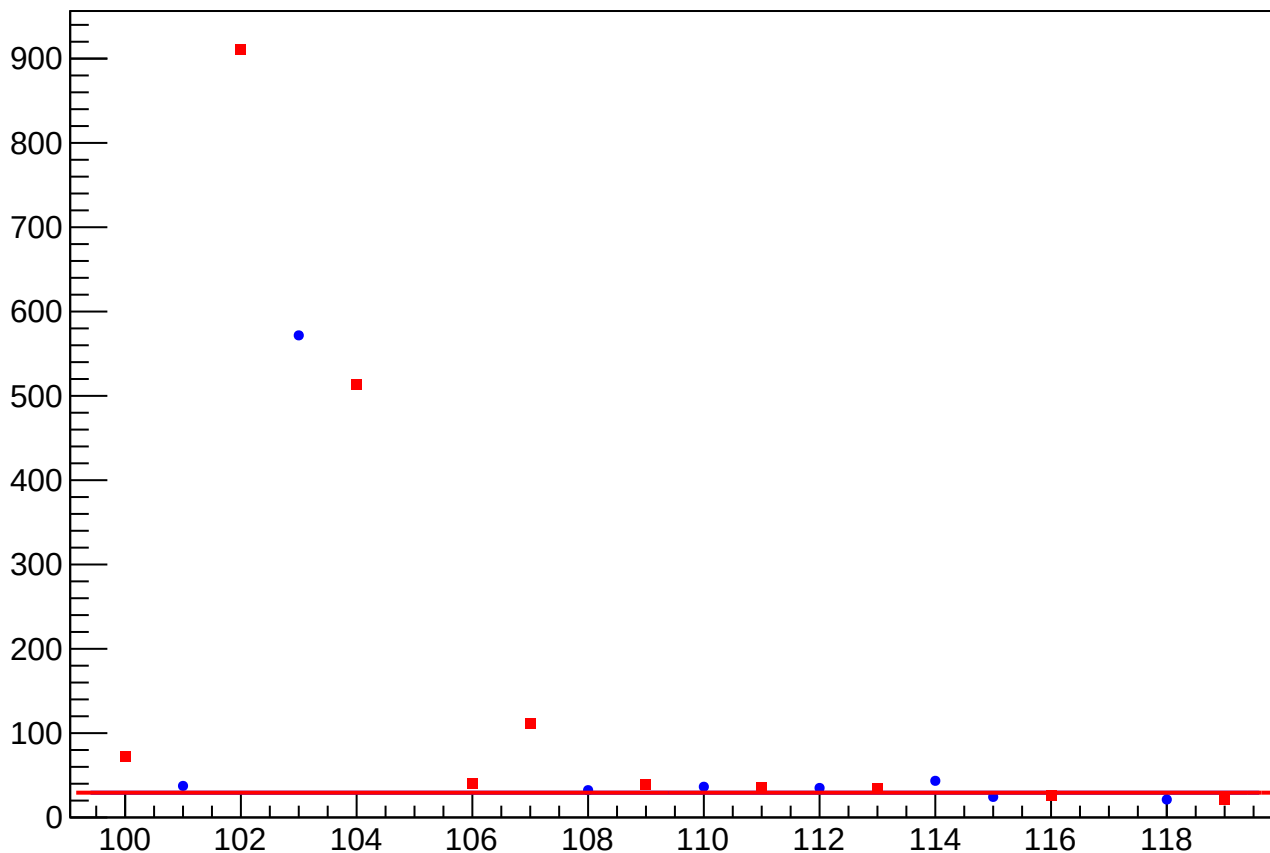
Right: -0.006+/-0.014 χ^2/NDF : 15.5/17

In: -0.009+/-0.019 χ^2/NDF :9.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.014 χ^2/NDF : 15.5/17

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.325+/-0.014 χ^2/NDF : 1352369.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.385+/-0.014 χ^2/NDF : 2357459.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

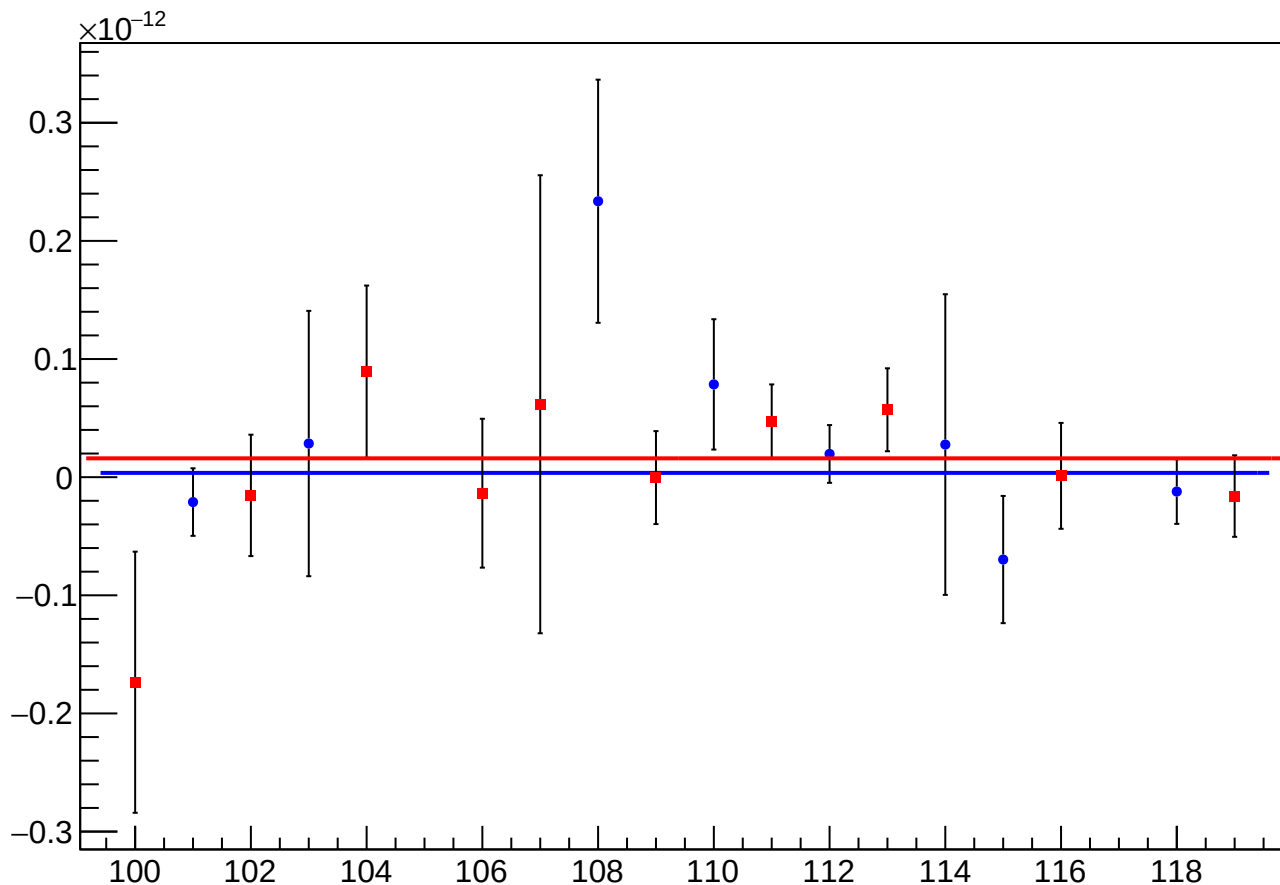
Right: 29.354+/-0.010 χ^2/NDF : 3709838.5/17

In: 29.325+/-0.014 χ^2/NDF : 1352369.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.354+/-0.010 χ^2/NDF : 3709838.5/17

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

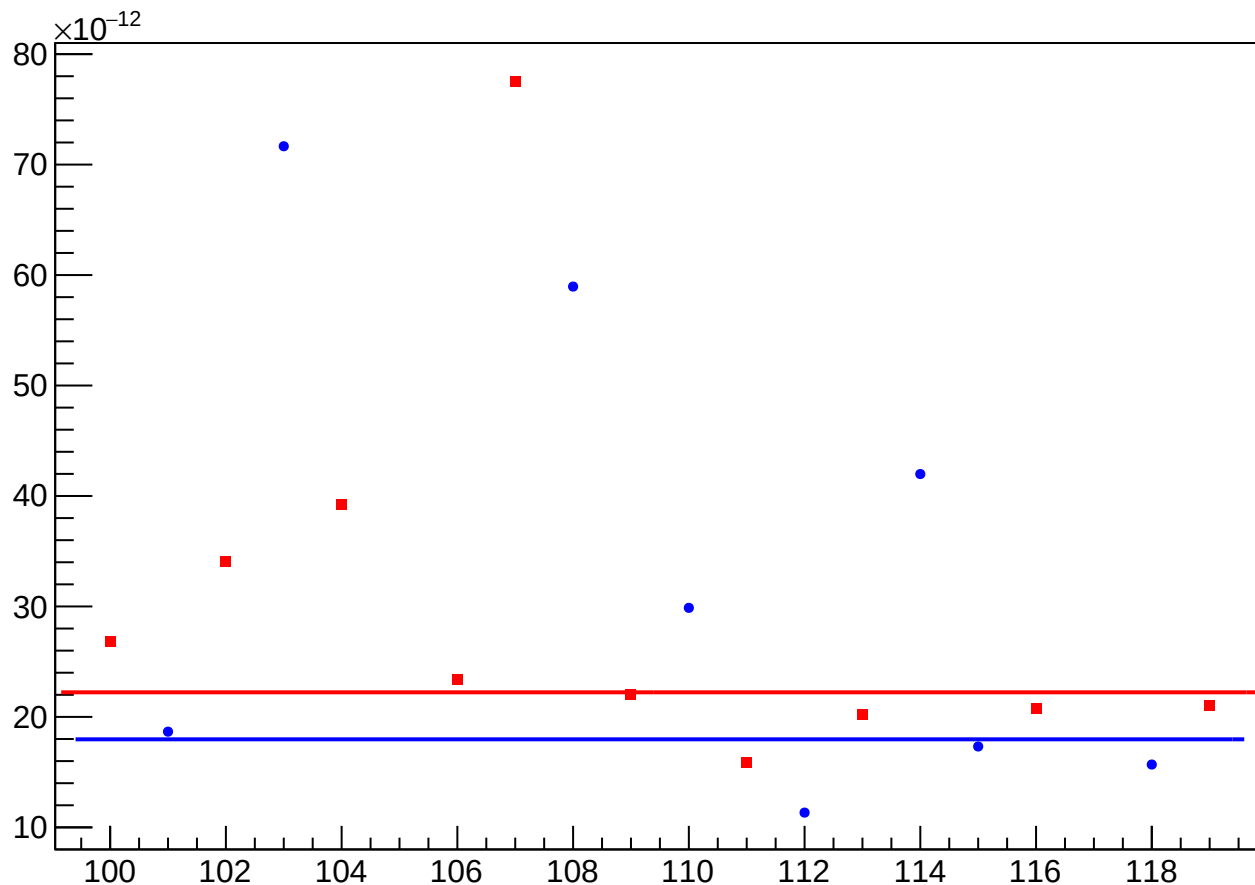
Right: 0.000+/-0.000 χ^2/NDF : 18.7/17

In: 0.000+/-0.000 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/17

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1101407.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 474209.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

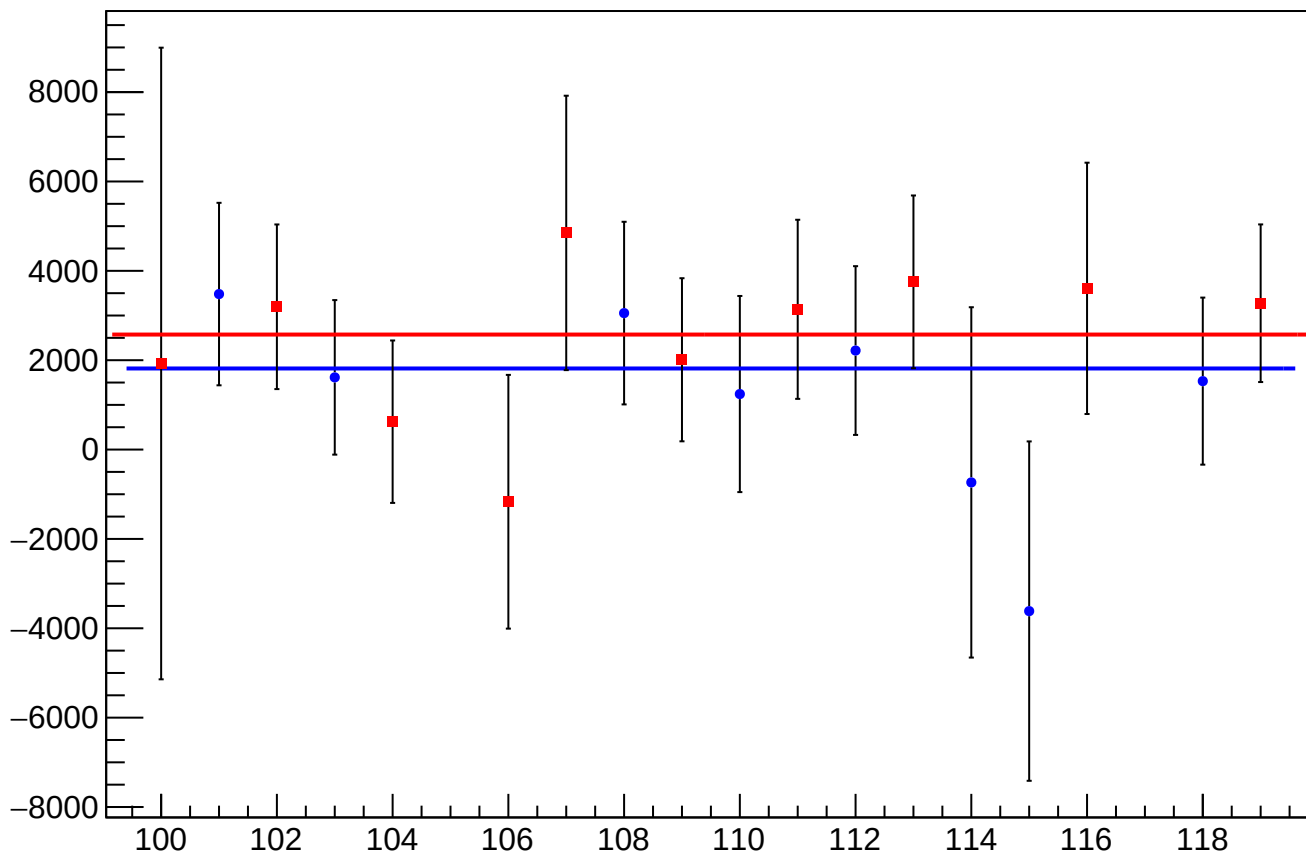
Right: 0.000+/-0.000 χ^2/NDF : 1664815.3/17

In: 0.000+/-0.000 χ^2/NDF : 1101407.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1664815.3/17

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1814.858+/-762.030 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2573.973+/-688.135 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

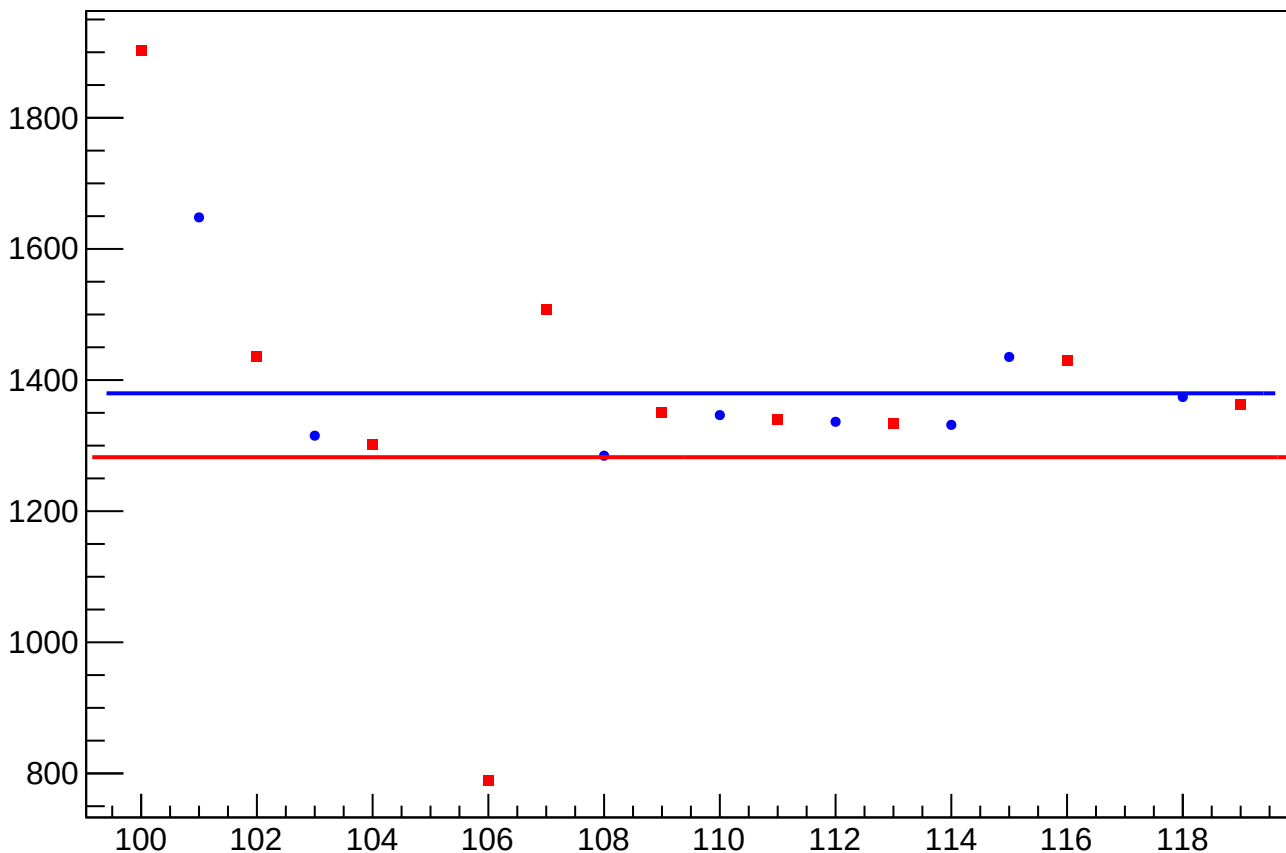
Right: 2232.997+/-510.717 χ^2/NDF : 8.6/17

In: 1814.858+/-762.030 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.997+/-510.717 χ^2/NDF : 8.6/17

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1379.774+/-0.539 χ^2/NDF : 43925.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.363+/-0.461 χ^2/NDF : 233956.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

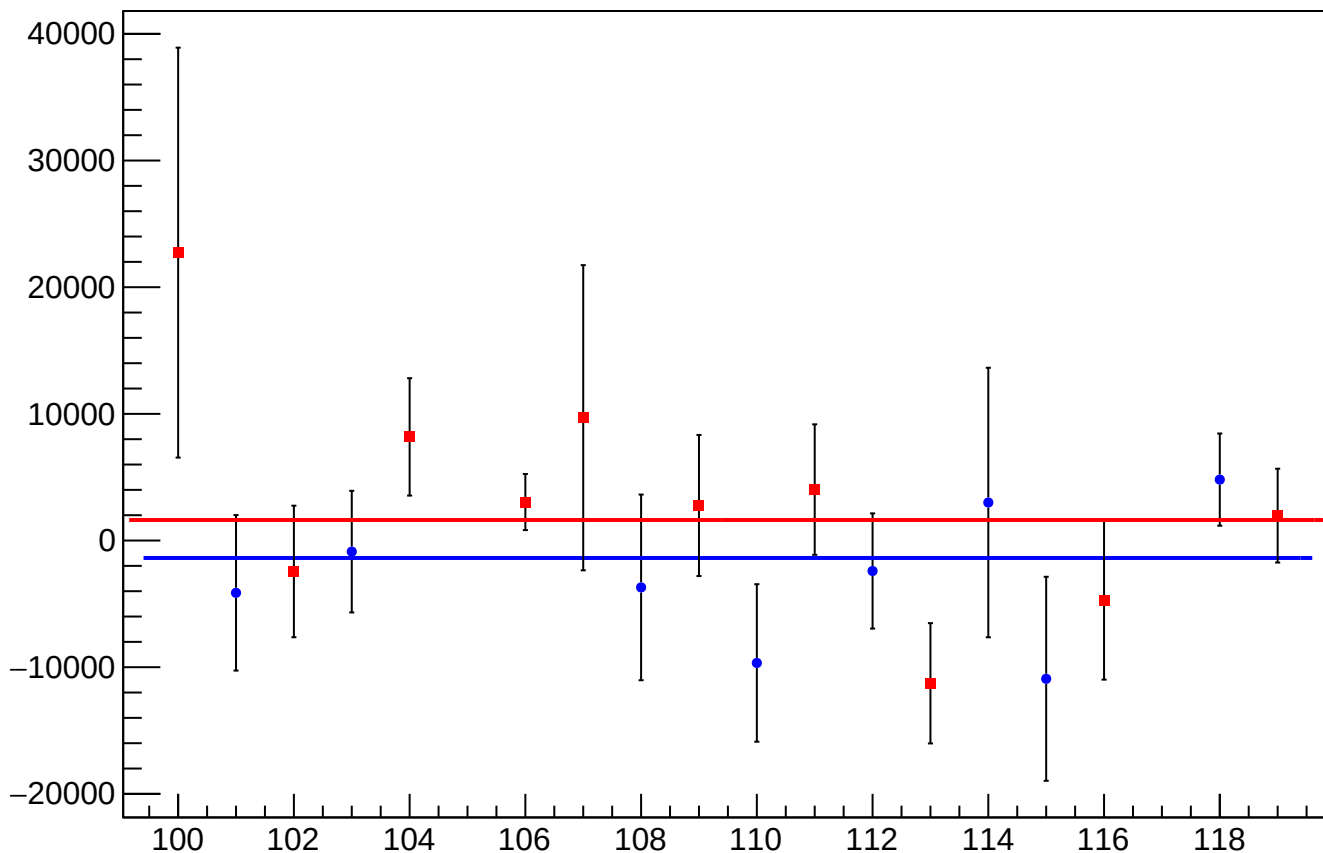
Right: 1323.508+/-0.350 χ^2/NDF : 296758.7/17

In: 1379.774+/-0.539 χ^2/NDF : 43925.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.508+/-0.350 χ^2/NDF : 296758.7/17

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1375.935+/-1951.653 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1621.509+/-1398.903 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

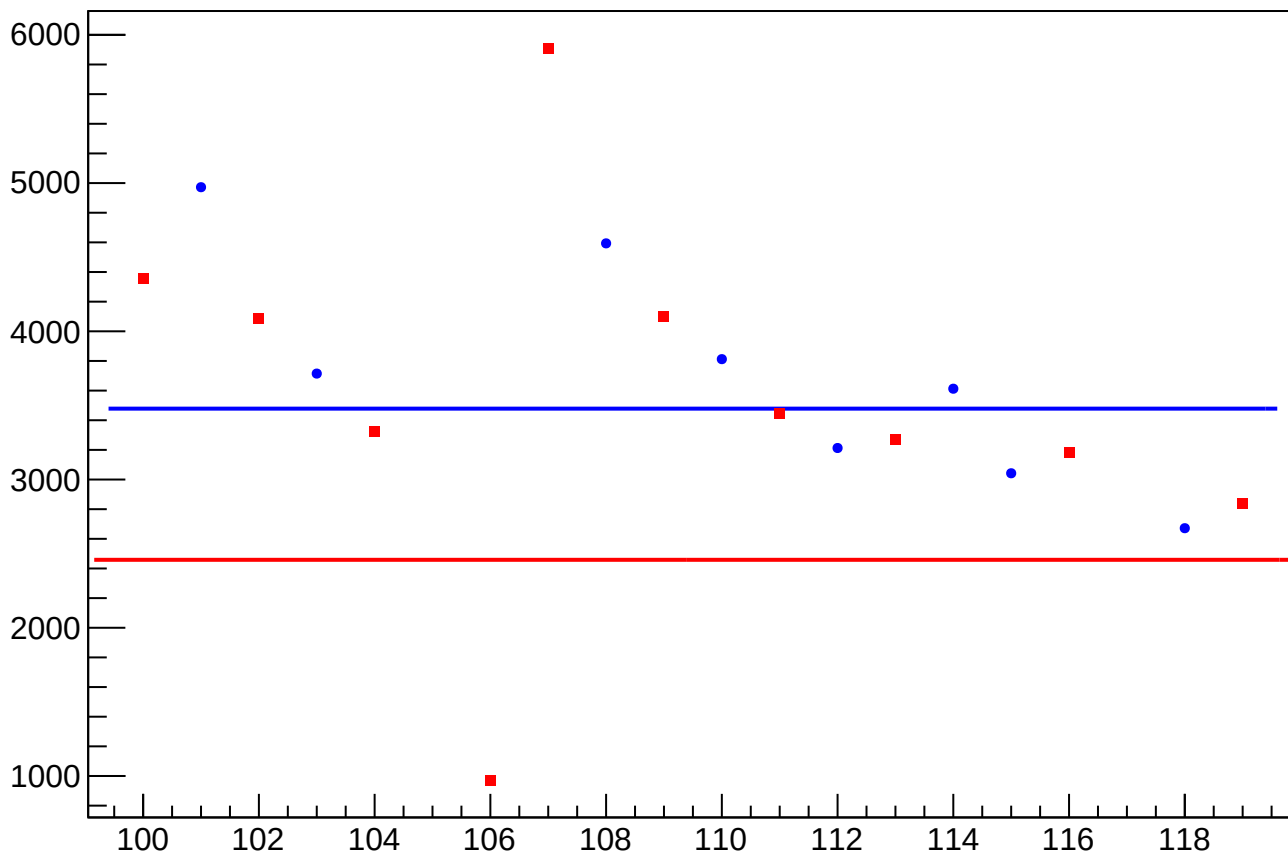
Right: 604.182+/-1136.992 χ^2/NDF : 22.0/17

In: -1375.935+/-1951.653 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.182+/-1136.992 χ^2/NDF : 22.0/17

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3478.302+/-1.380 χ^2/NDF : 286576.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2458.429+/-0.989 χ^2/NDF : 1714782.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

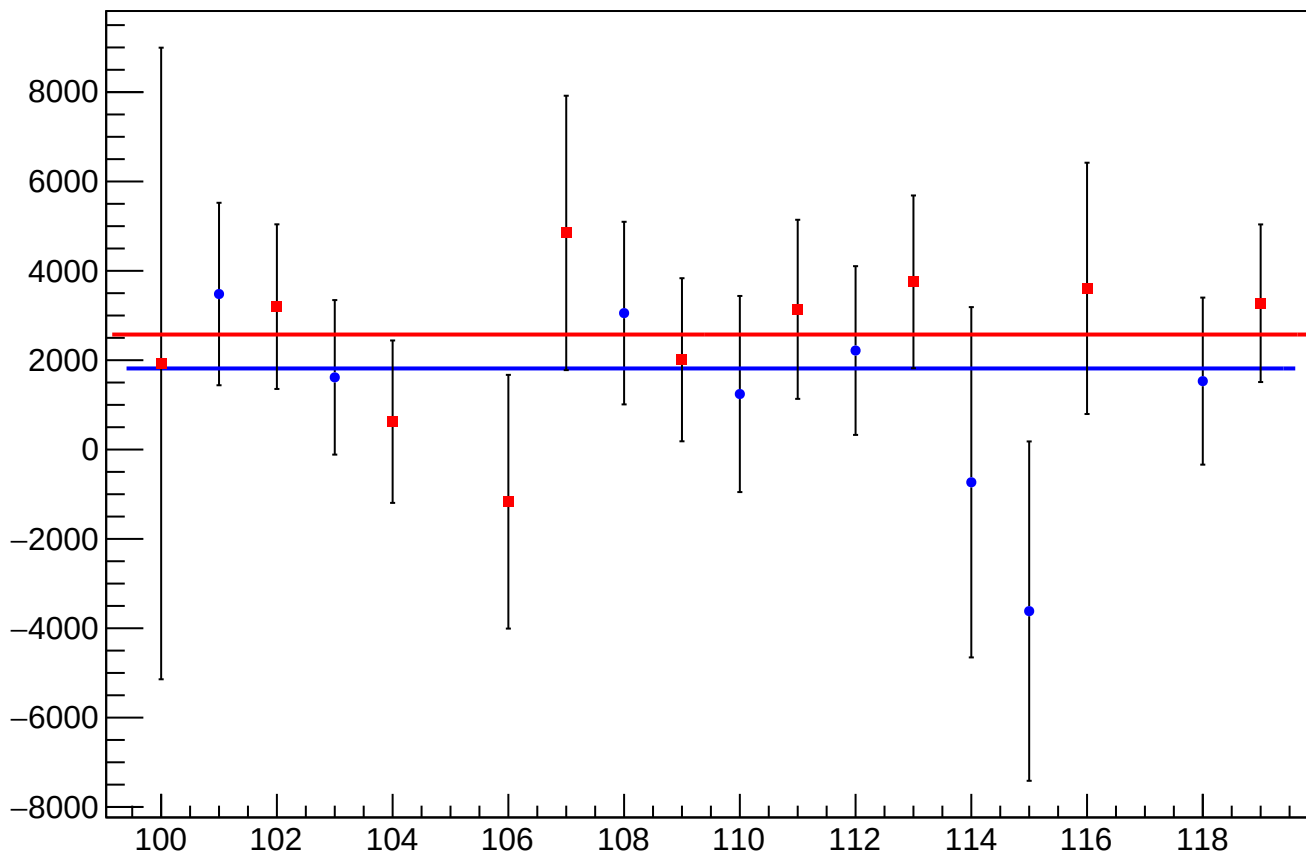
Right: 2804.572+/-0.804 χ^2/NDF : 2362150.8/17

In: 3478.302+/-1.380 χ^2/NDF : 286576.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2804.572+/-0.804 χ^2/NDF : 2362150.8/17

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1815.039+/-762.030 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2574.346+/-688.142 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

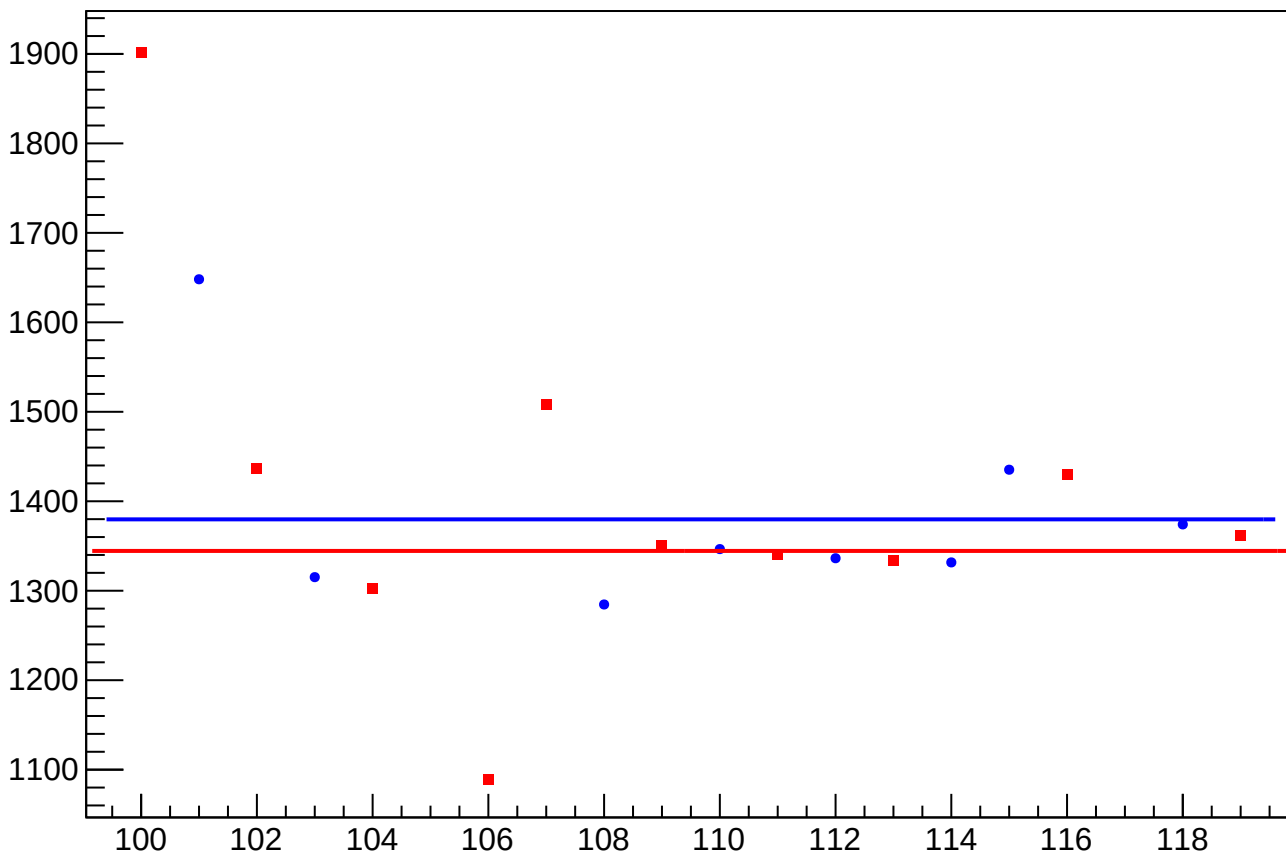
Right: 2233.280+/-510.720 χ^2/NDF : 8.6/17

In: 1815.039+/-762.030 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.280+/-510.720 χ^2/NDF : 8.6/17

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1379.774+/-0.539 χ^2/NDF : 43925.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.485+/-0.475 χ^2/NDF : 55618.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

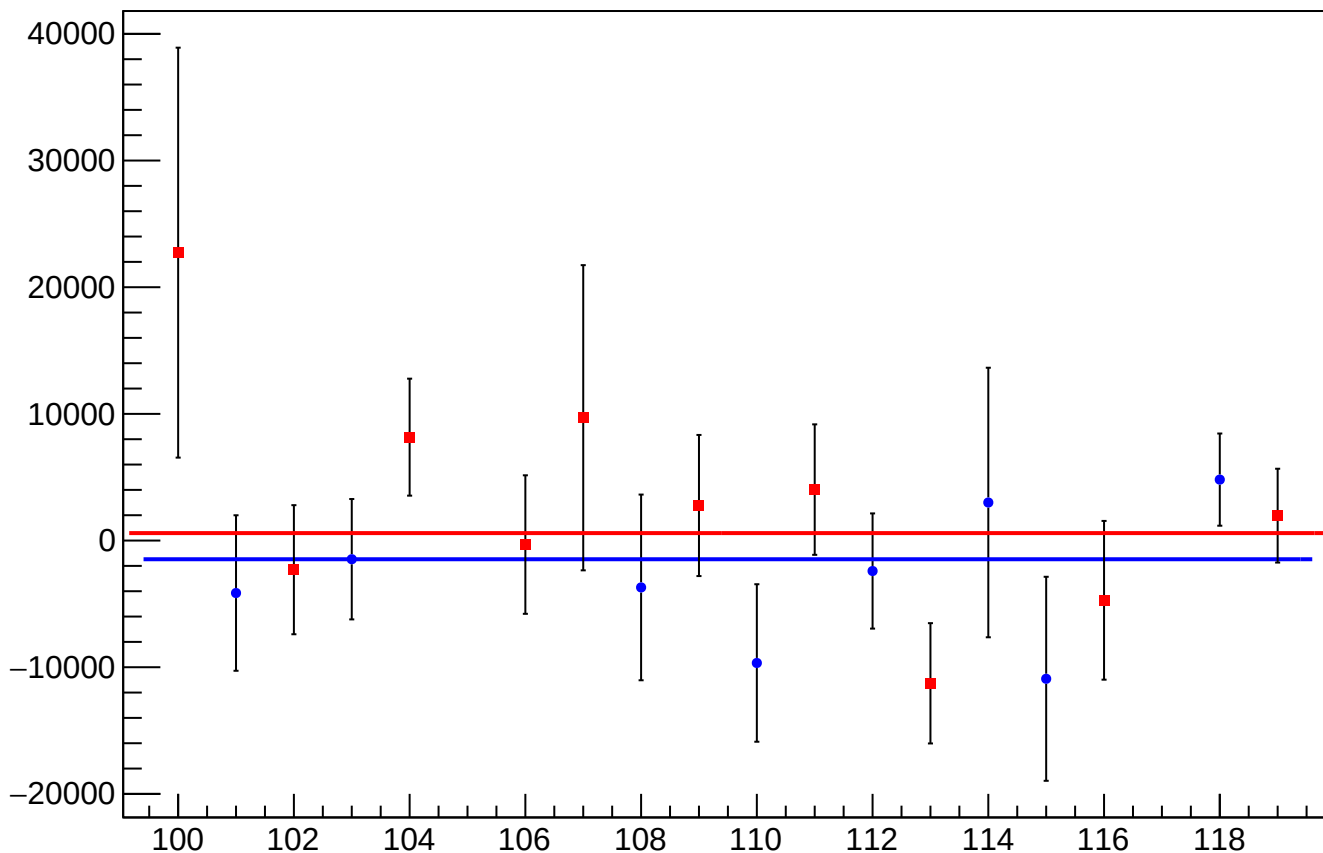
Right: 1359.931+/-0.356 χ^2/NDF : 101955.8/17

In: 1379.774+/-0.539 χ^2/NDF : 43925.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.931+/-0.356 χ^2/NDF : 101955.8/17

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1475.571+/-1948.285 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.009+/-1709.409 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

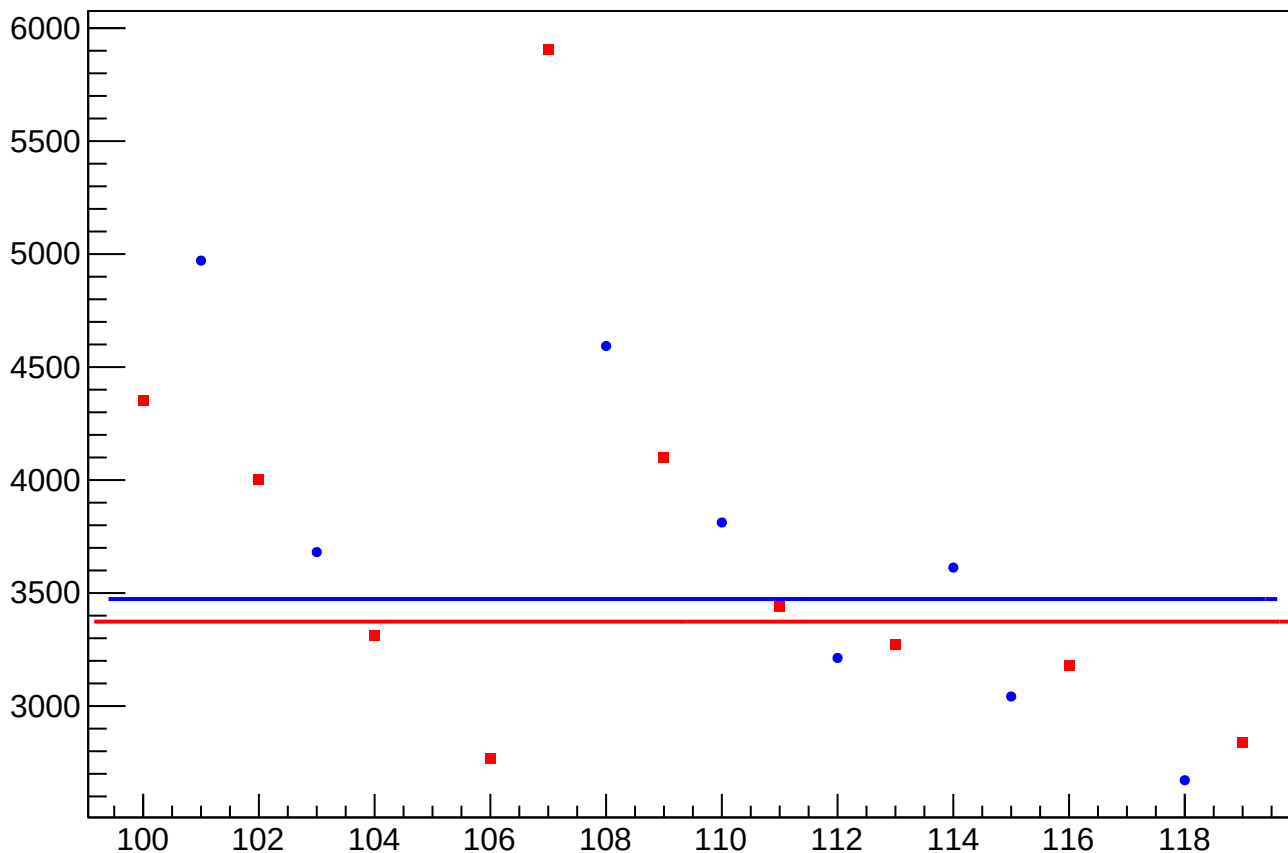
Right: -309.021+/-1284.937 χ^2/NDF : 20.4/17

In: -1475.571+/-1948.285 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.021+/-1284.937 χ^2/NDF : 20.4/17

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3473.413+/-1.378 χ^2/NDF : 285248.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3373.531+/-1.209 χ^2/NDF : 229648.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

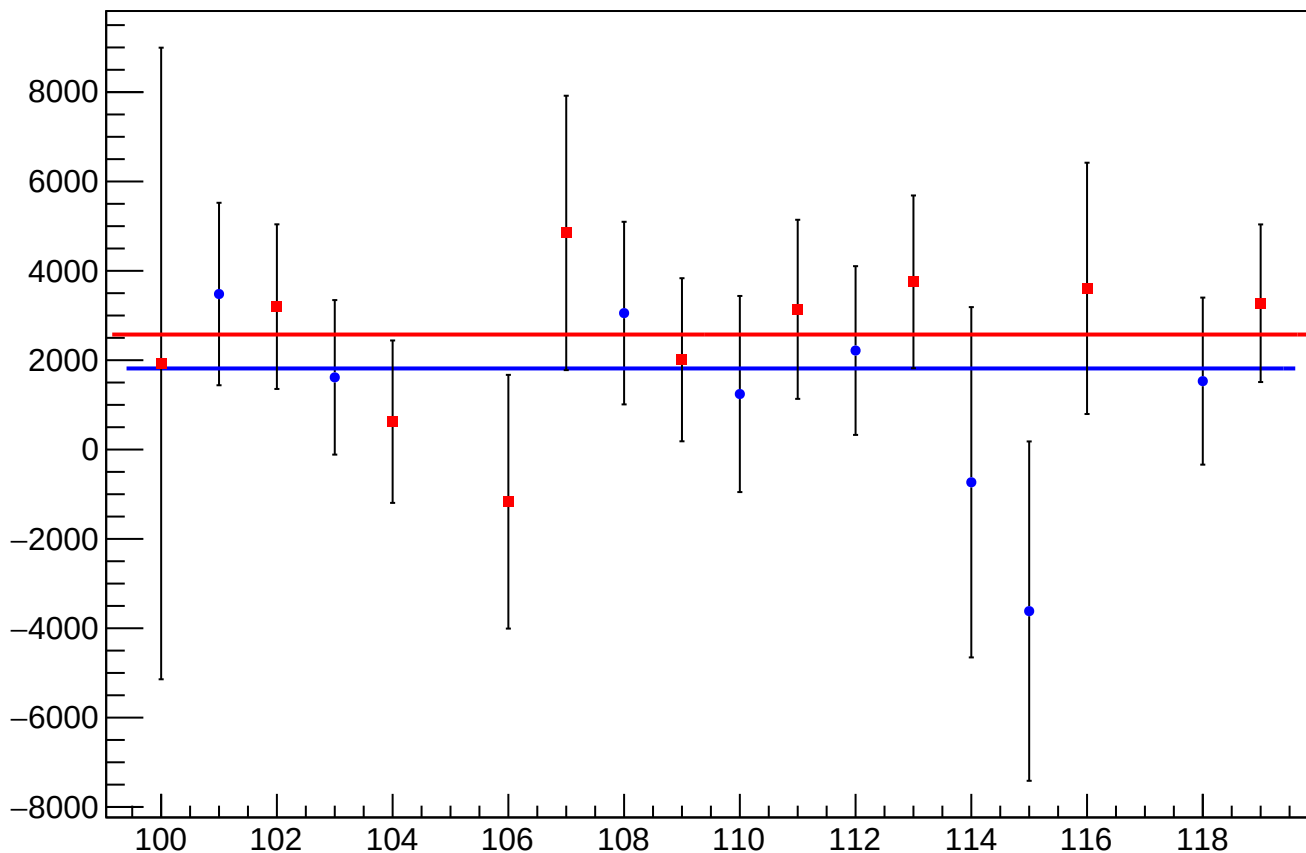
Right: 3416.976+/-0.909 χ^2/NDF : 517867.3/17

In: 3473.413+/-1.378 χ^2/NDF : 285248.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3416.976+/-0.909 χ^2/NDF : 517867.3/17

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1815.039+/-762.030 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2574.346+/-688.142 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

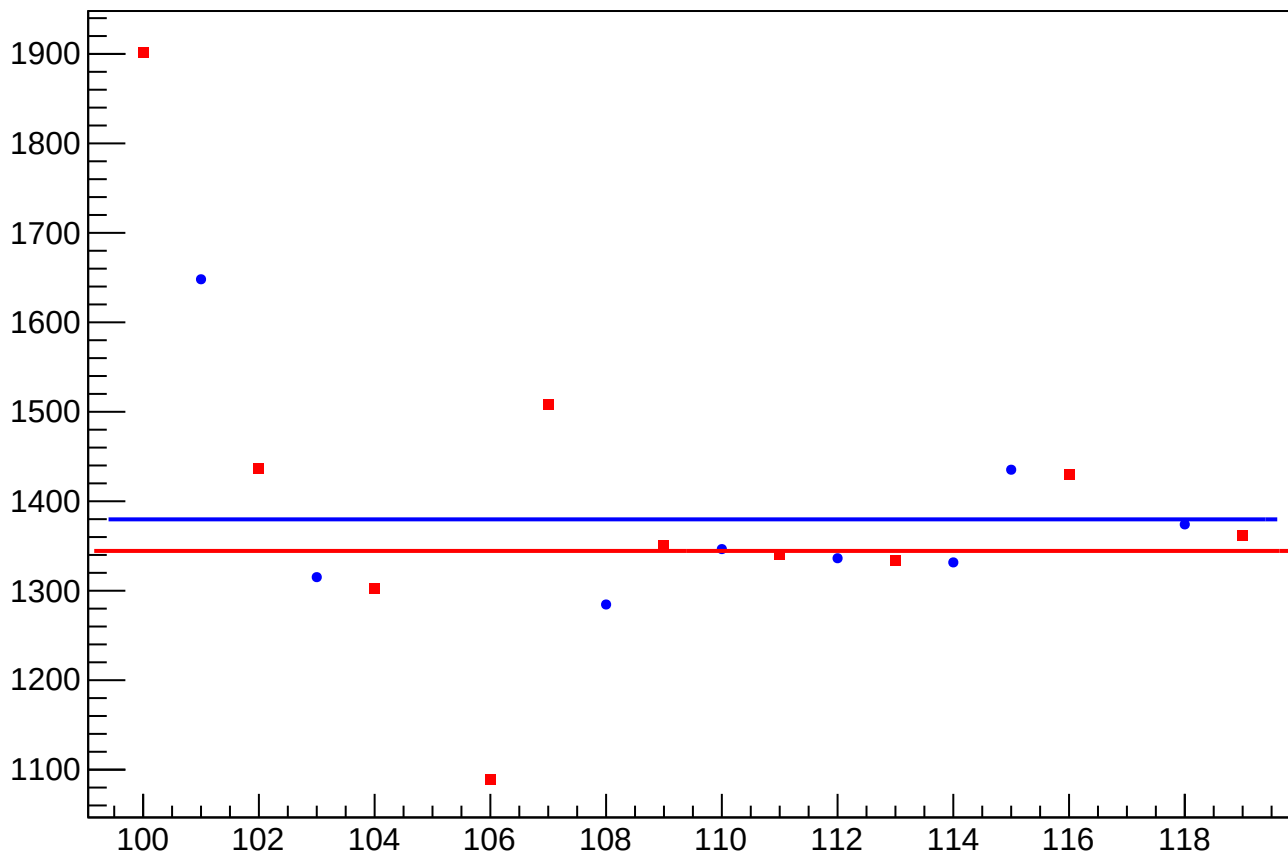
Right: 2233.280+/-510.720 χ^2/NDF : 8.6/17

In: 1815.039+/-762.030 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2233.280+/-510.720 χ^2/NDF : 8.6/17

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1379.774+/-0.539 χ^2/NDF : 43925.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.485+/-0.475 χ^2/NDF : 55618.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

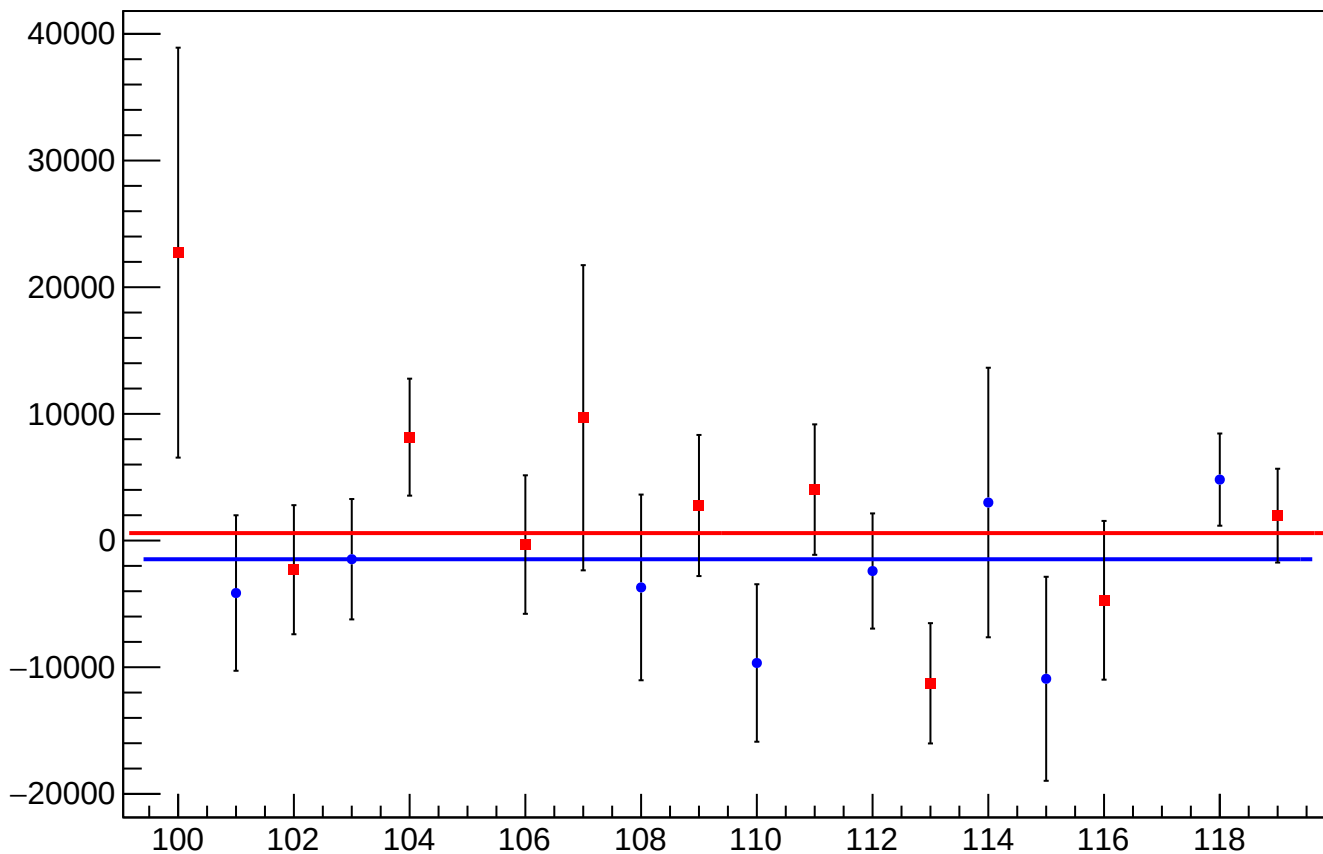
Right: 1359.931+/-0.356 χ^2/NDF : 101955.8/17

In: 1379.774+/-0.539 χ^2/NDF : 43925.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.931+/-0.356 χ^2/NDF : 101955.8/17

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1475.571+/-1948.285 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.009+/-1709.409 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

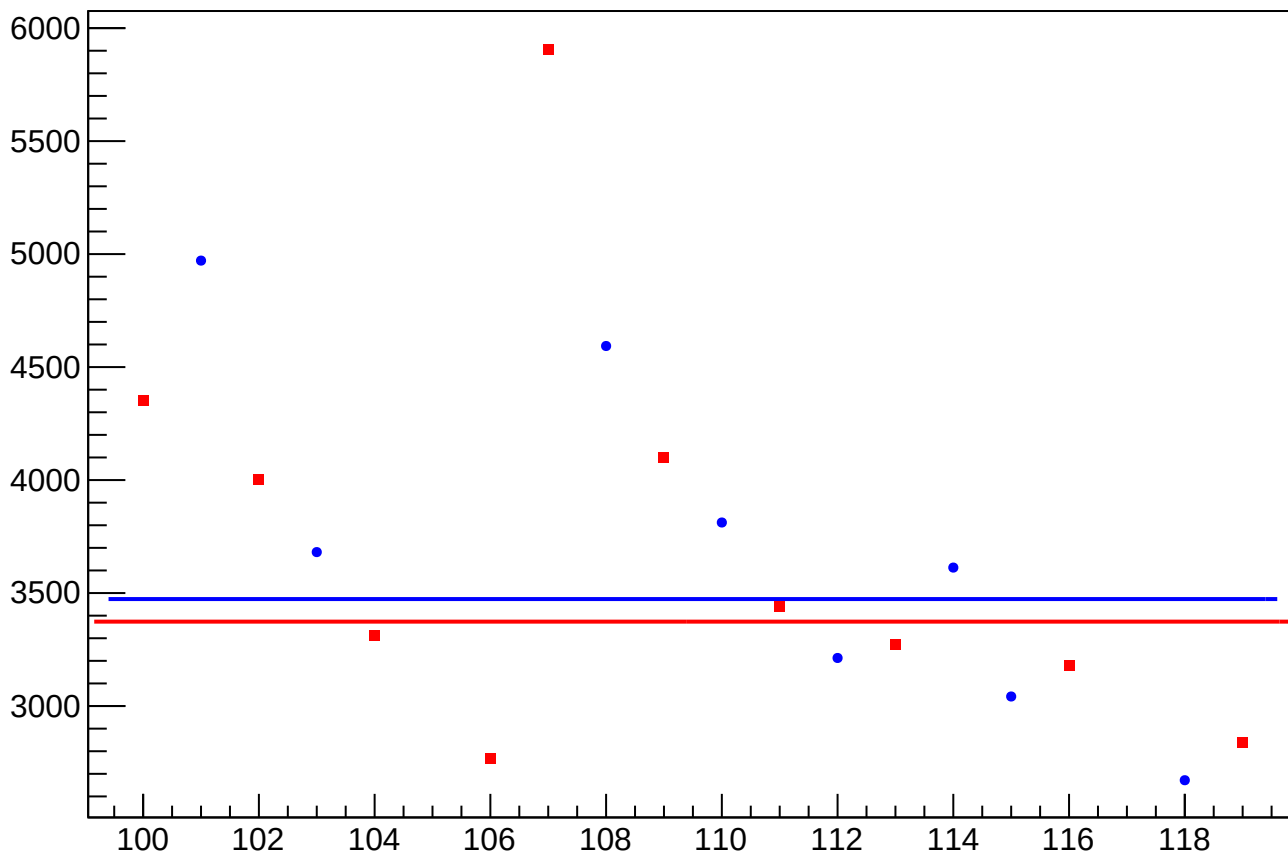
Right: -309.021+/-1284.937 χ^2/NDF : 20.4/17

In: -1475.571+/-1948.285 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.021+/-1284.937 χ^2/NDF : 20.4/17

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3473.413+/-1.378 χ^2/NDF : 285248.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3373.531+/-1.209 χ^2/NDF : 229648.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

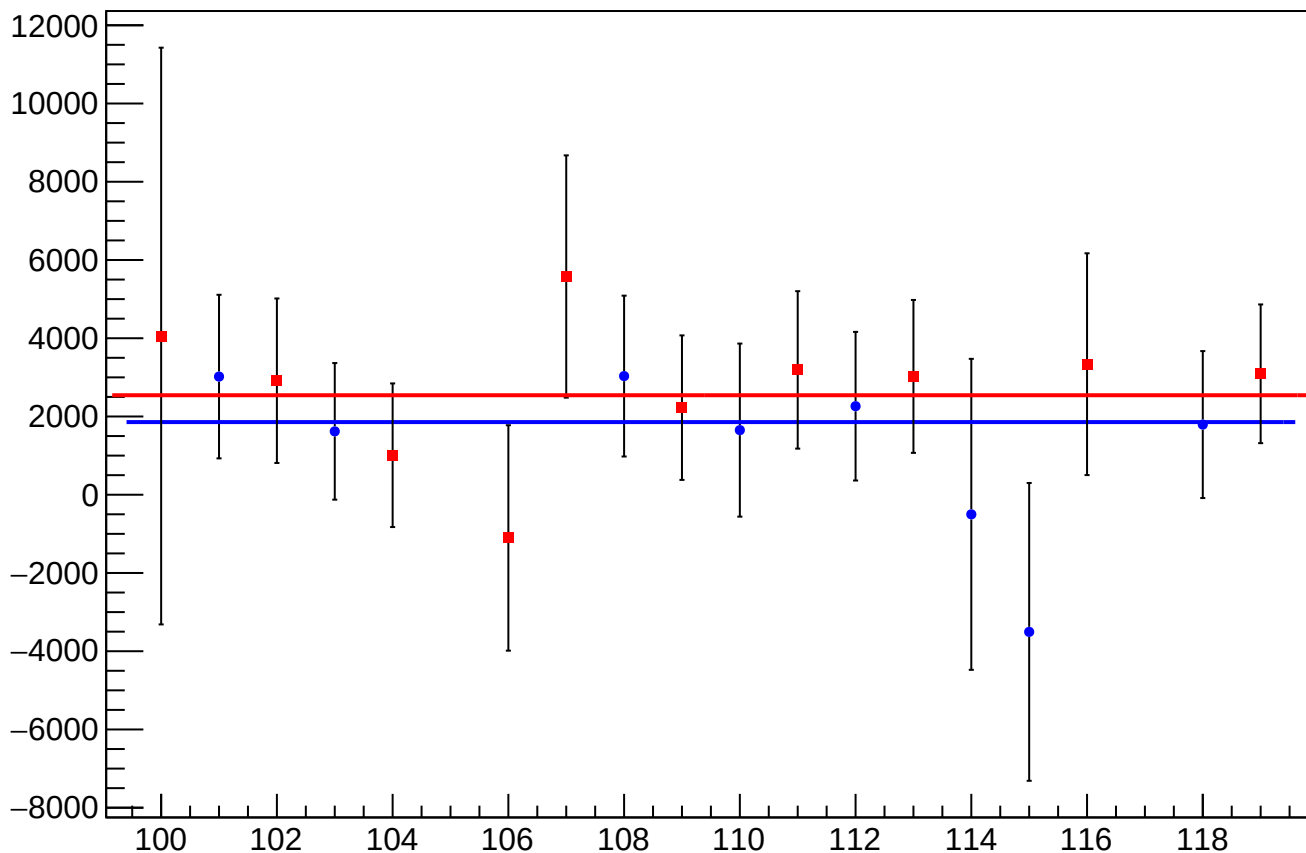
Right: 3416.976+/-0.909 χ^2/NDF : 517867.3/17

In: 3473.413+/-1.378 χ^2/NDF : 285248.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3416.976+/-0.909 χ^2/NDF : 517867.3/17

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1856.740+/-769.040 χ^2/NDF : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2543.047+/-705.203 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

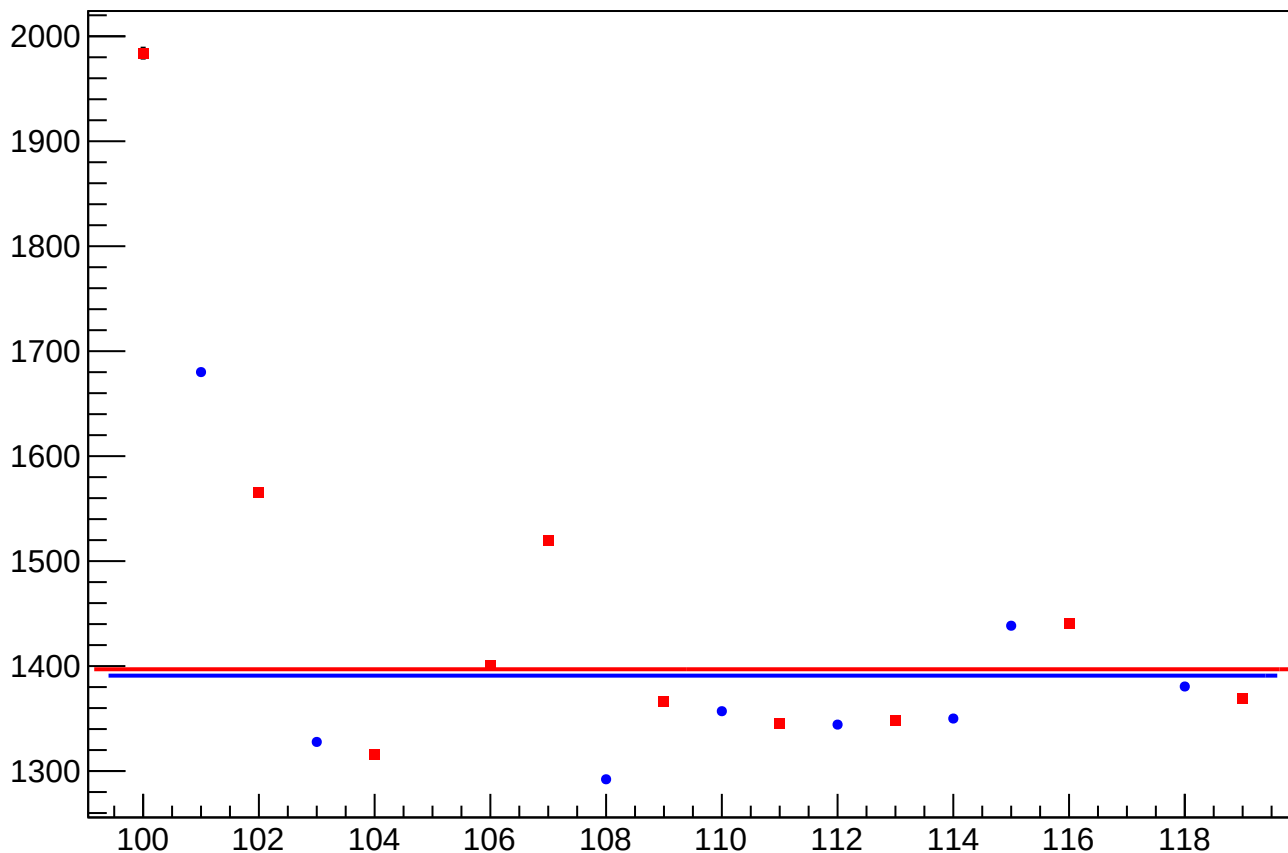
Right: 2229.556+/-519.759 χ^2/NDF : 7.2/17

In: 1856.740+/-769.040 χ^2/NDF : 3.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.556+/-519.759 χ^2/NDF : 7.2/17

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1390.900+/-0.544 χ^2/NDF : 47763.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.975+/-0.496 χ^2/NDF : 36683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

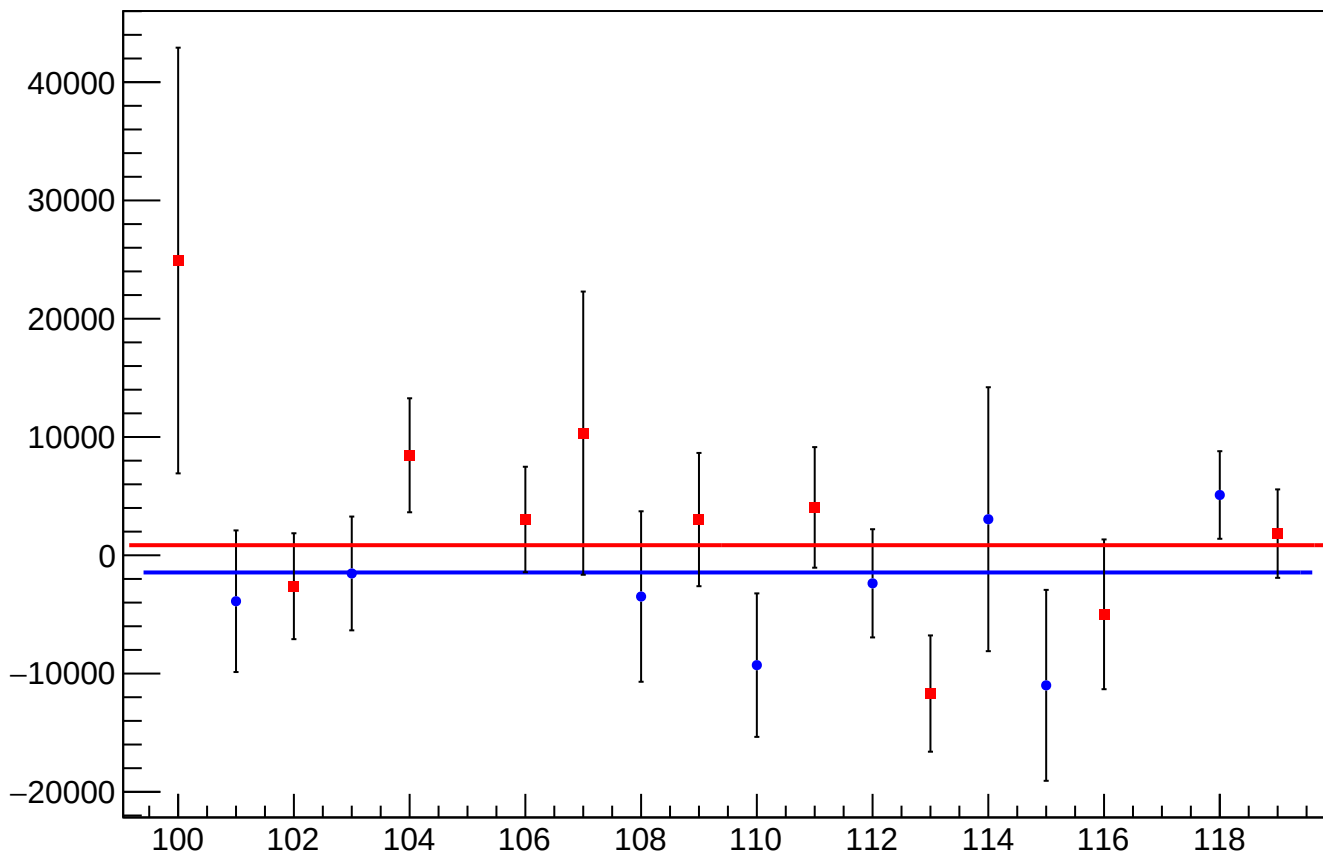
Right: 1394.214+/-0.367 χ^2/NDF : 84514.7/17

In: 1390.900+/-0.544 χ^2/NDF : 47763.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.214+/-0.367 χ^2/NDF : 84514.7/17

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1452.291+/-1954.847 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.585+/-1663.888 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

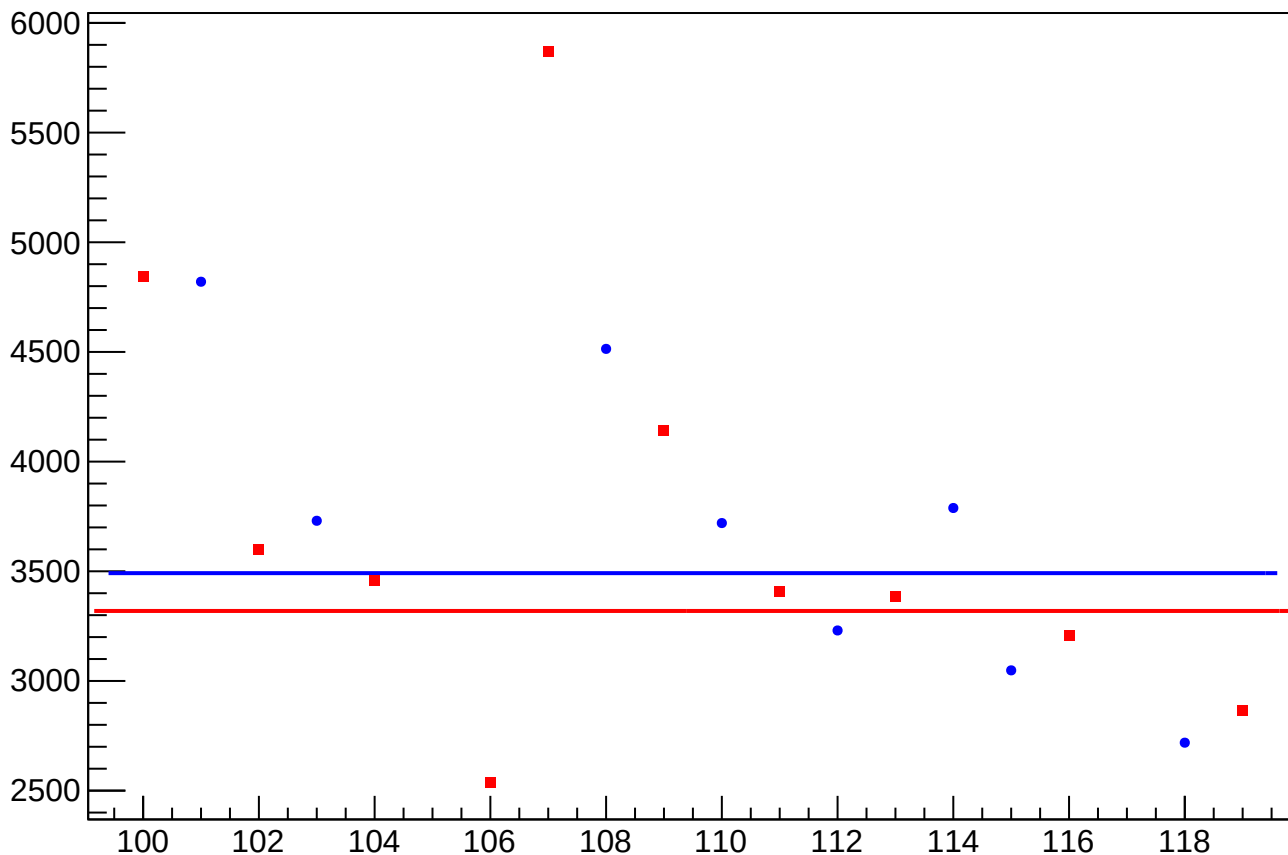
Right: -115.143+/-1267.056 χ^2/NDF : 21.2/17

In: -1452.291+/-1954.847 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.143+/-1267.056 χ^2/NDF : 21.2/17

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3491.522+/-1.382 χ^2/NDF : 247633.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3319.128+/-1.177 χ^2/NDF : 249634.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

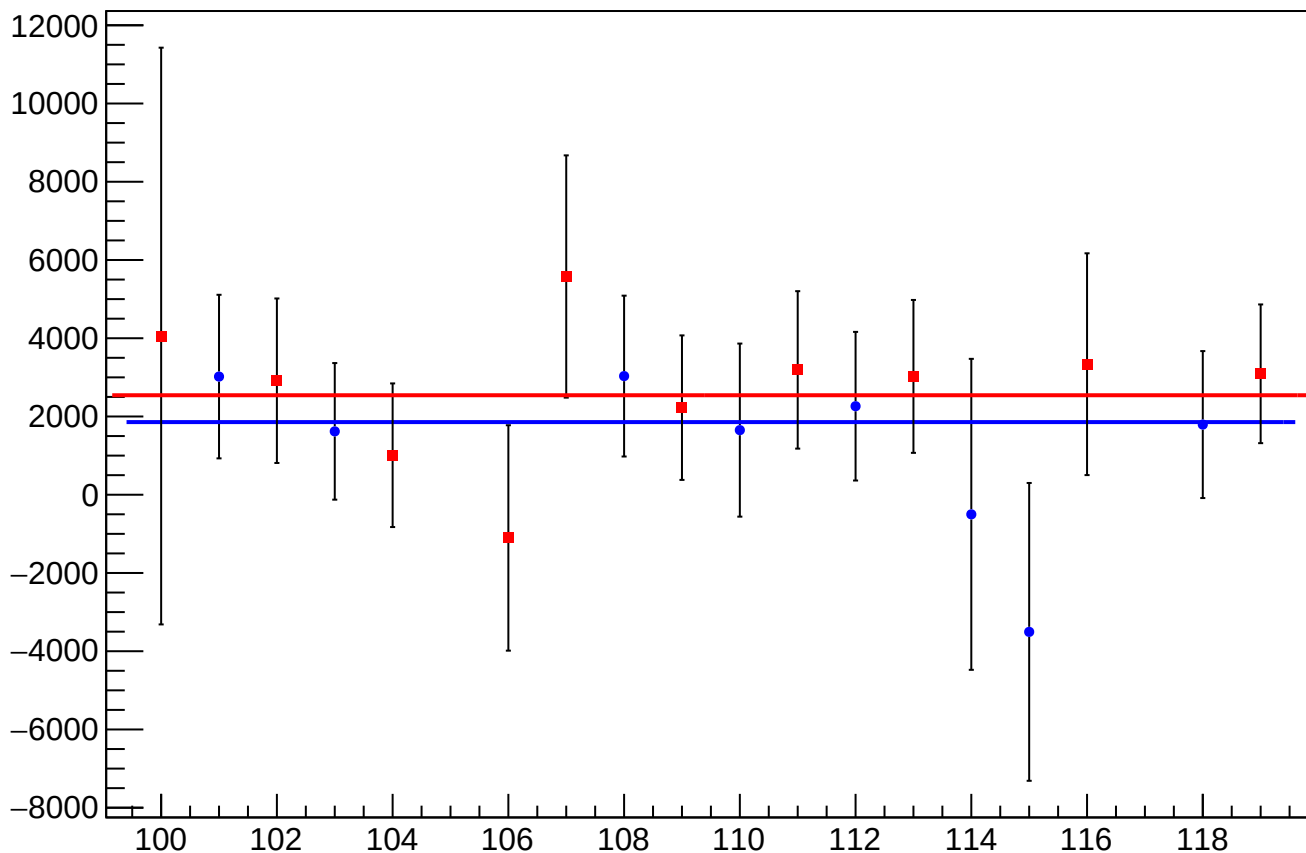
Right: 3391.553+/-0.896 χ^2/NDF : 506287.8/17

In: 3491.522+/-1.382 χ^2/NDF : 247633.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3391.553+/-0.896 χ^2/NDF : 506287.8/17

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1856.747+/-769.040 χ^2/NDF : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2543.054+/-705.203 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

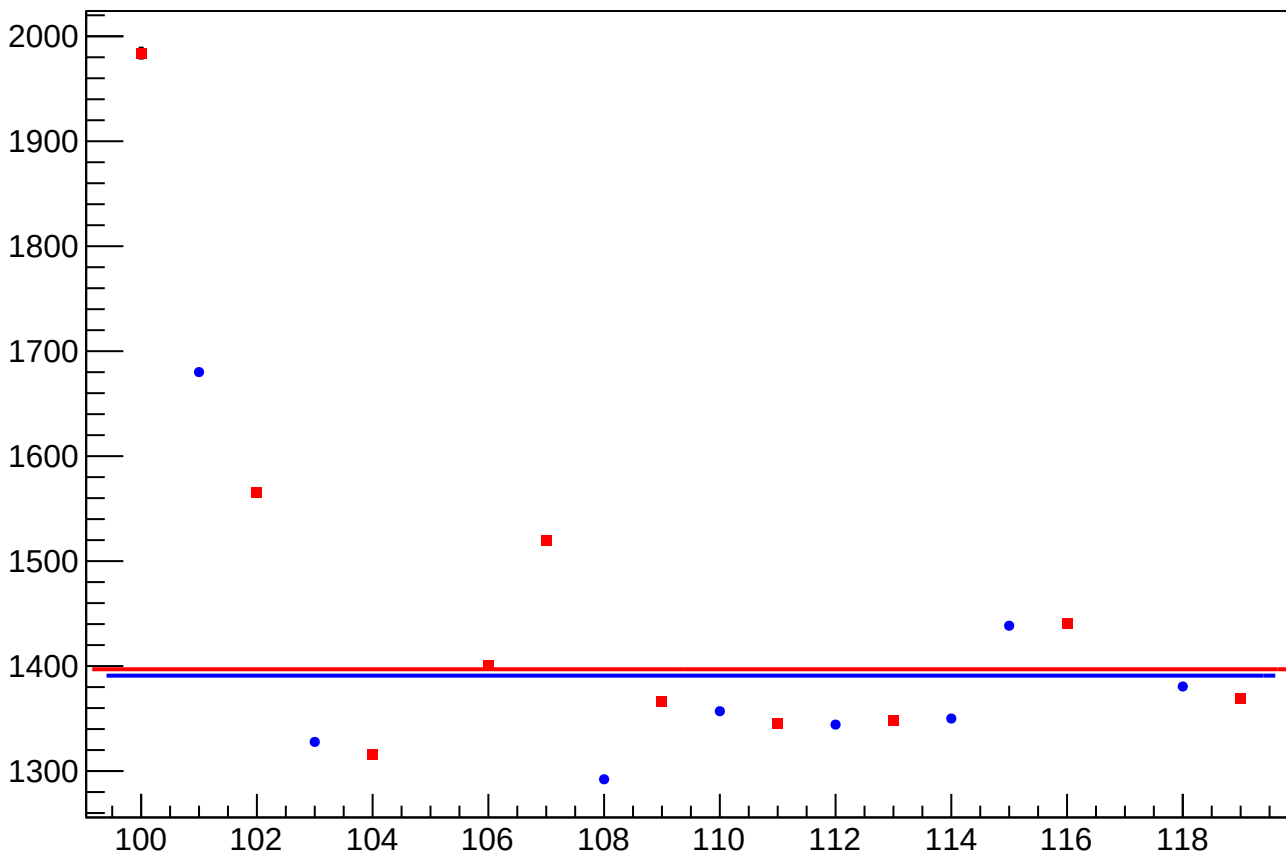
Right: 2229.563+/-519.759 χ^2/NDF : 7.2/17

In: 1856.747+/-769.040 χ^2/NDF : 3.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.563+/-519.759 χ^2/NDF : 7.2/17

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1390.900+/-0.544 χ^2/NDF : 47762.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.974+/-0.496 χ^2/NDF : 36683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

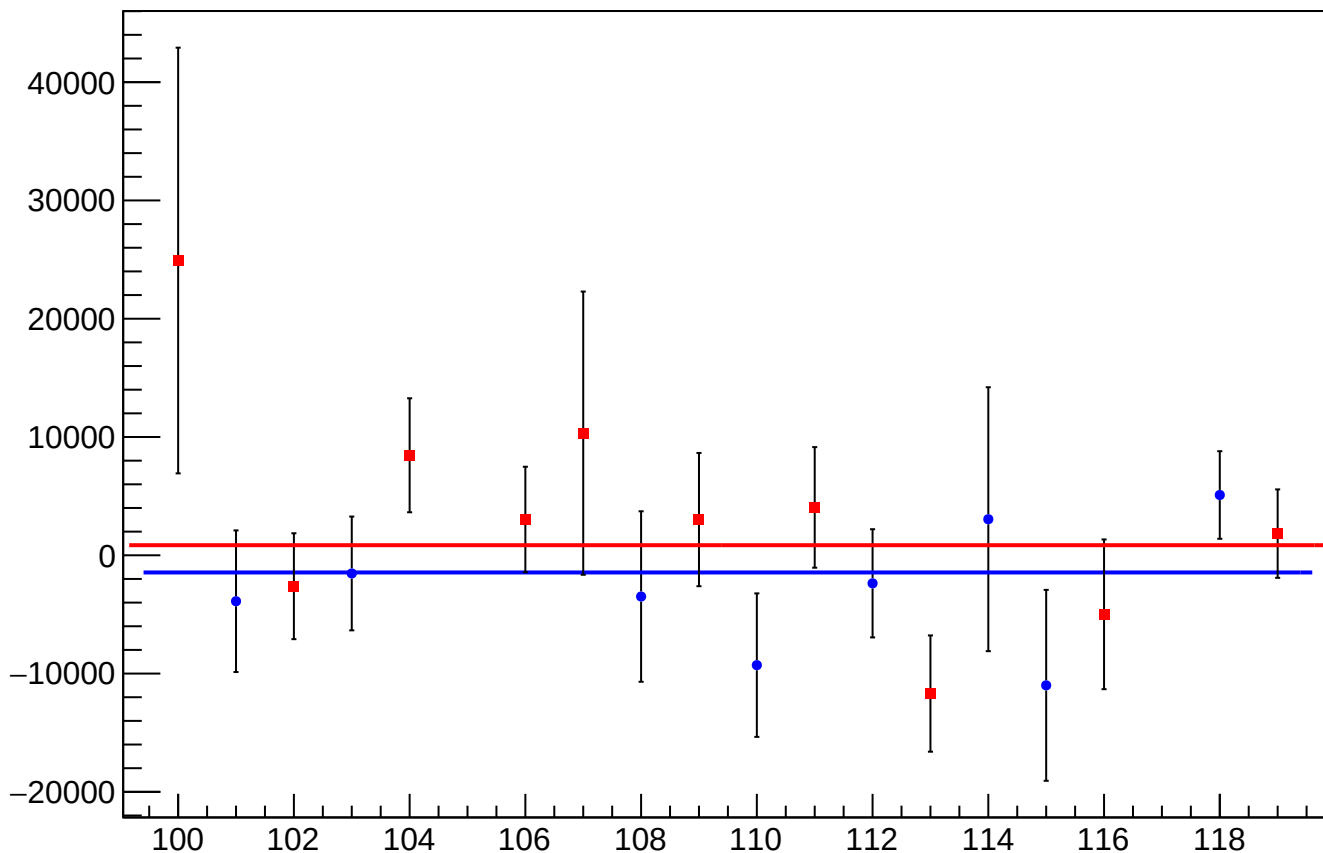
Right: 1394.214+/-0.367 χ^2/NDF : 84514.5/17

In: 1390.900+/-0.544 χ^2/NDF : 47762.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1394.214+/-0.367 χ^2/NDF : 84514.5/17

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1452.279+/-1954.841 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.586+/-1663.883 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

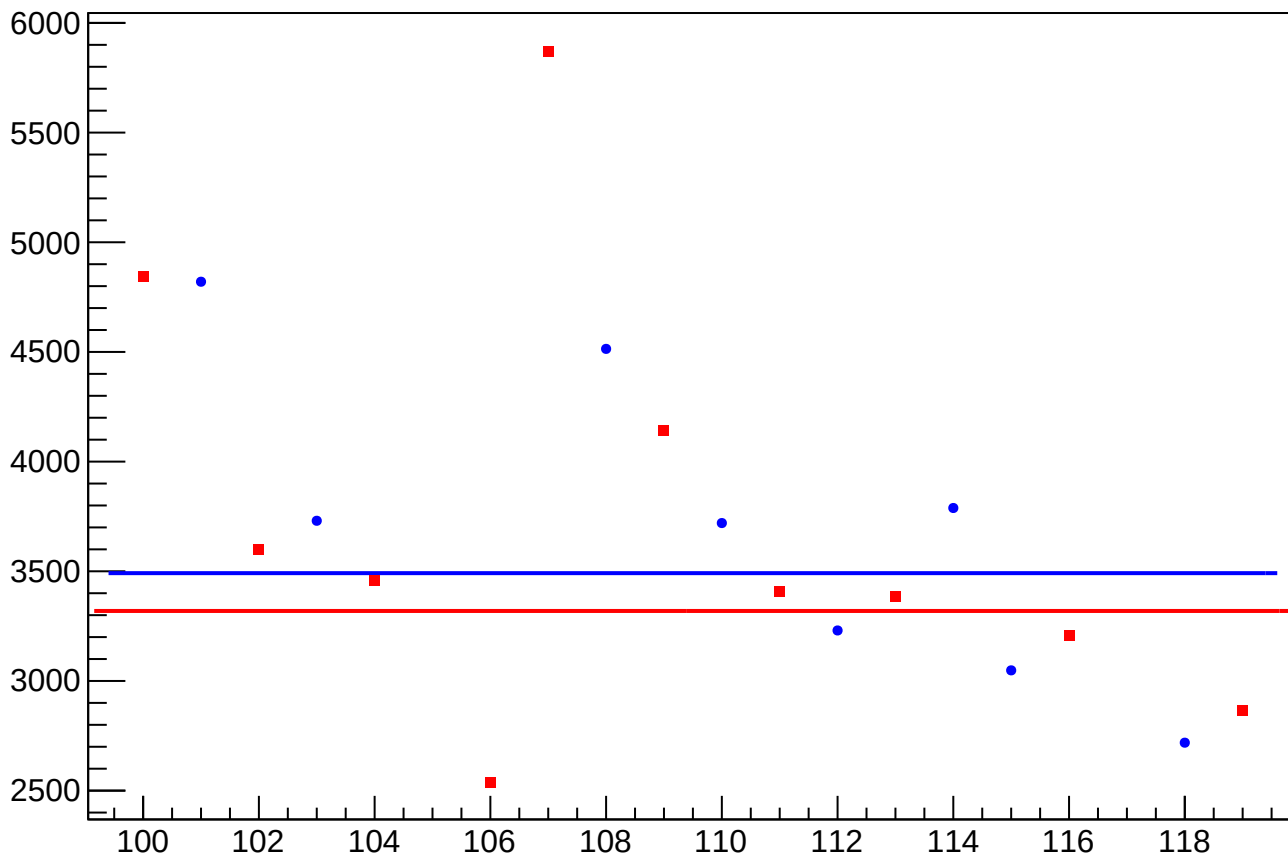
Right: -115.138+/-1267.052 χ^2/NDF : 21.2/17

In: -1452.279+/-1954.841 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.138+/-1267.052 χ^2/NDF : 21.2/17

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3491.510+/-1.382 χ^2/NDF : 247637.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3319.117+/-1.177 χ^2/NDF : 249636.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

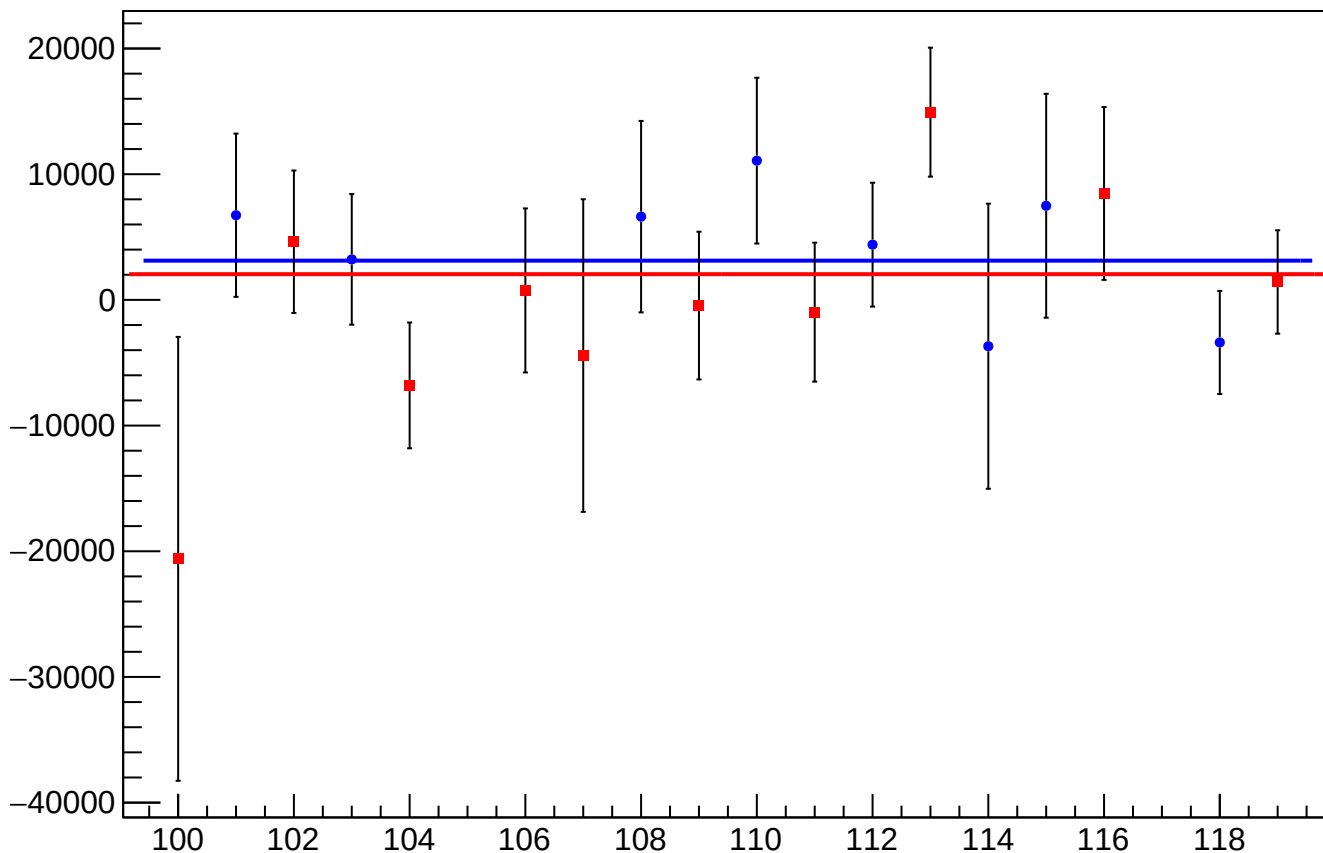
Right: 3391.542+/-0.896 χ^2/NDF : 506293.0/17

In: 3491.510+/-1.382 χ^2/NDF : 247637.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3391.542+/-0.896 χ^2/NDF : 506293.0/17

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 3122.403+/-2122.248 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2045.096+/-1875.824 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

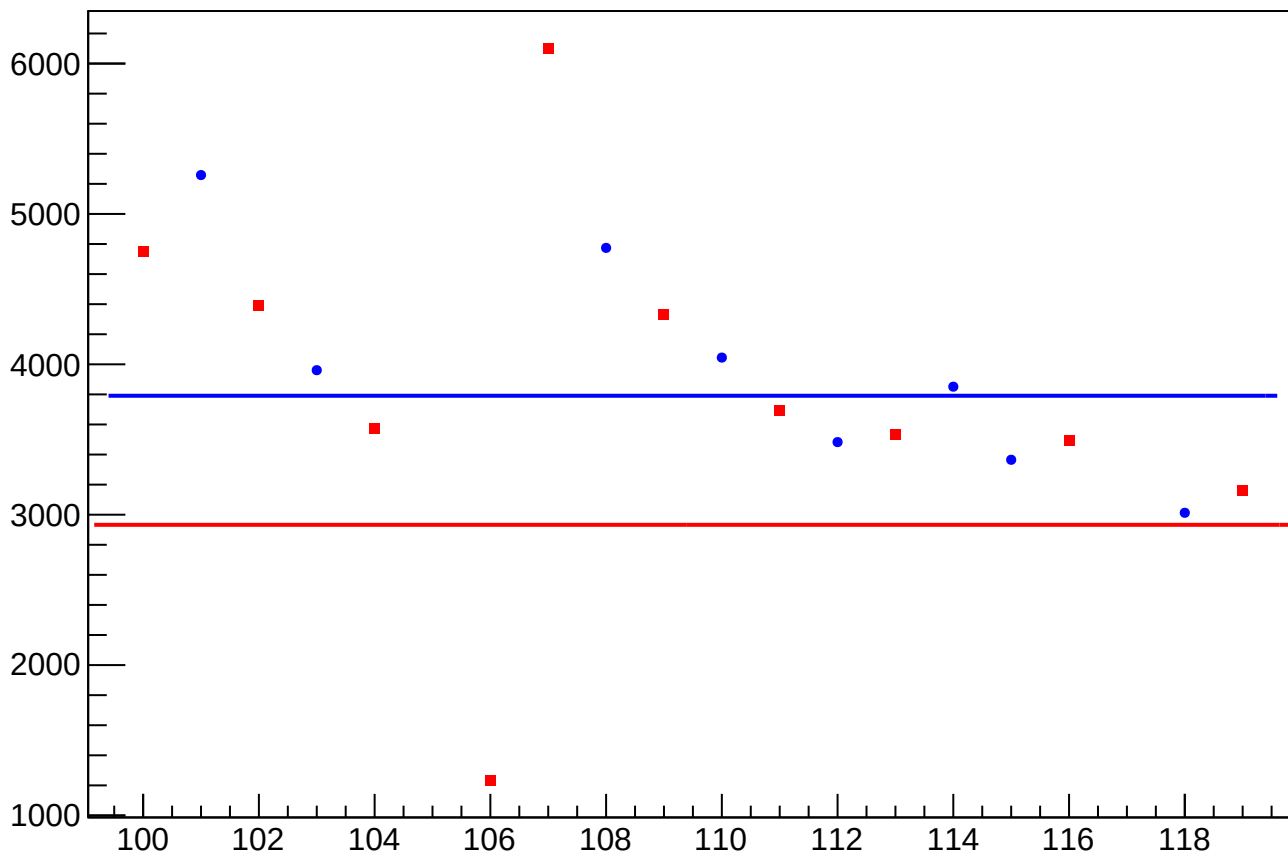
Right: 2517.600+/-1405.495 χ^2/NDF : 18.3/17

In: 3122.403+/-2122.248 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2517.600+/-1405.495 χ^2/NDF : 18.3/17

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3790.996+/-1.501 χ^2/NDF : 225074.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2932.751+/-1.140 χ^2/NDF : 1229753.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

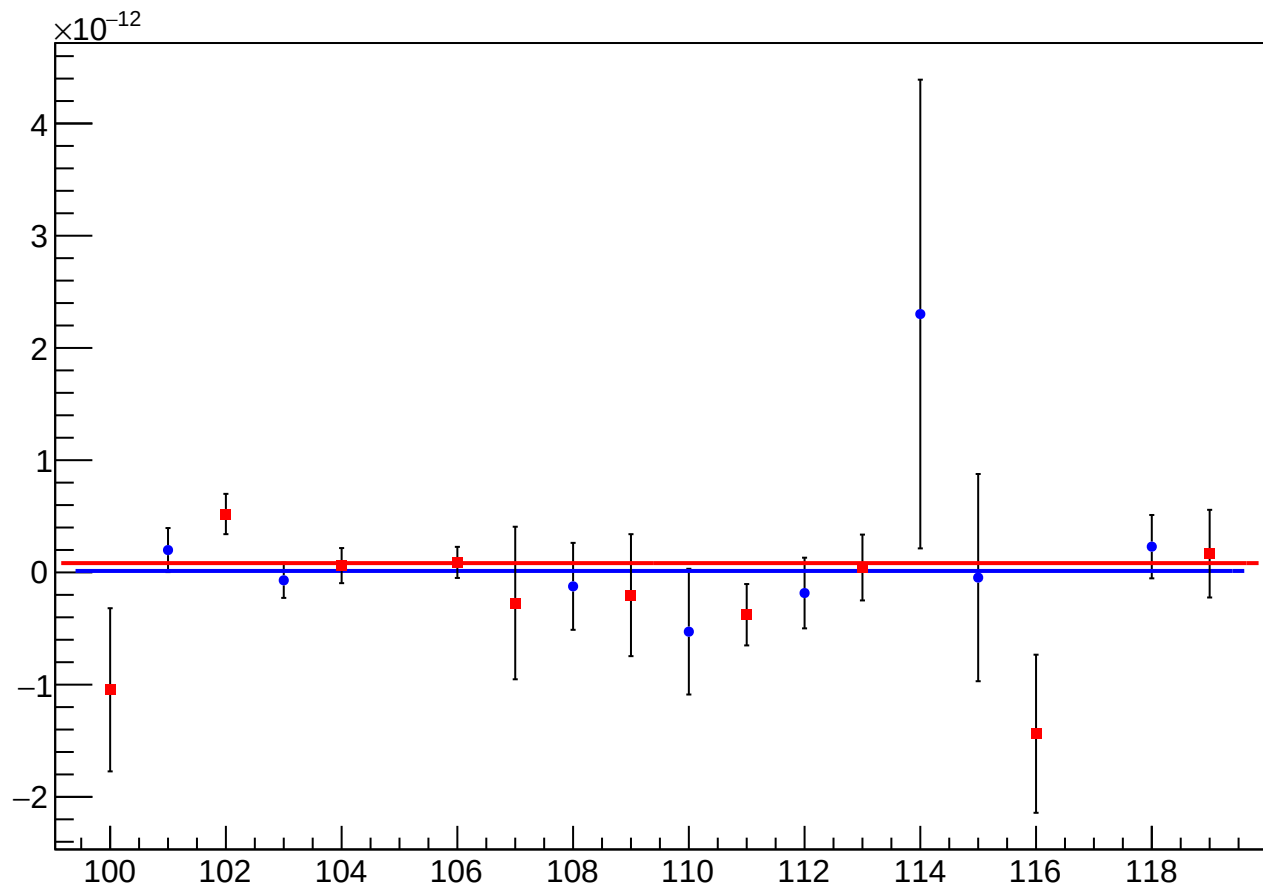
Right: 3246.851+/-0.908 χ^2/NDF : 1662208.0/17

In: 3790.996+/-1.501 χ^2/NDF : 225074.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3246.851+/-0.908 χ^2/NDF : 1662208.0/17

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

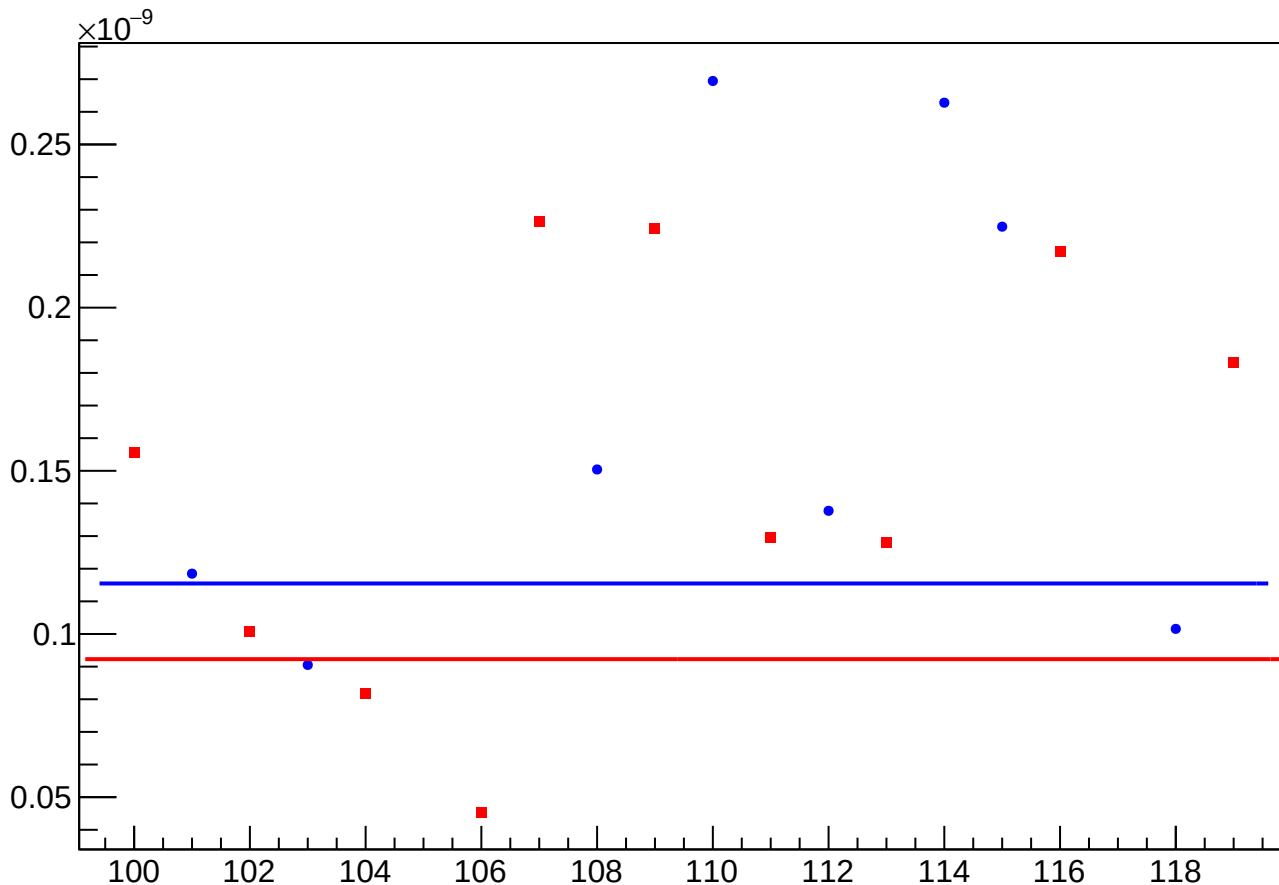
Right: 0.000+/-0.000 χ^2/NDF : 21.2/17

In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.2/17

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 271444.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 692903.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

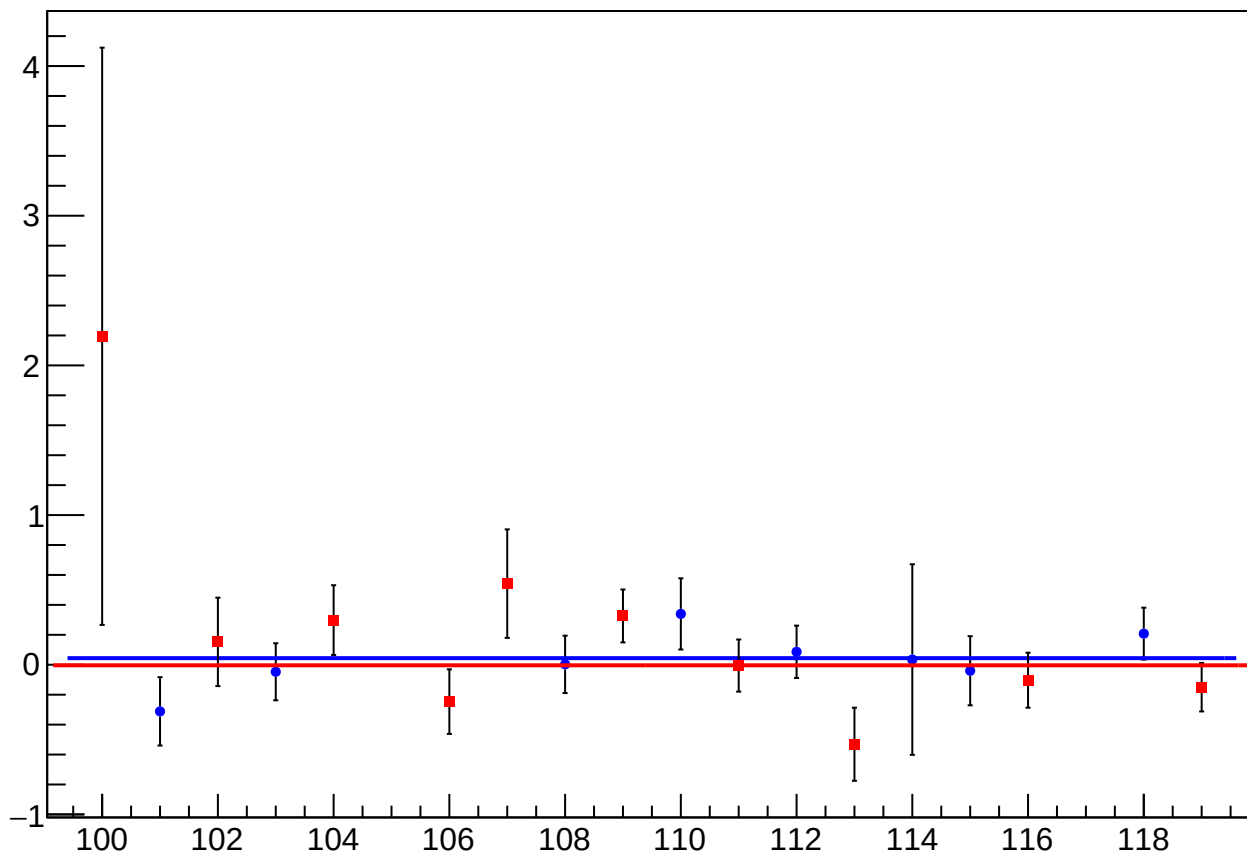
Right: 0.000+/-0.000 χ^2/NDF : 1031542.4/17

In: 0.000+/-0.000 χ^2/NDF : 271444.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1031542.4/17

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.069 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

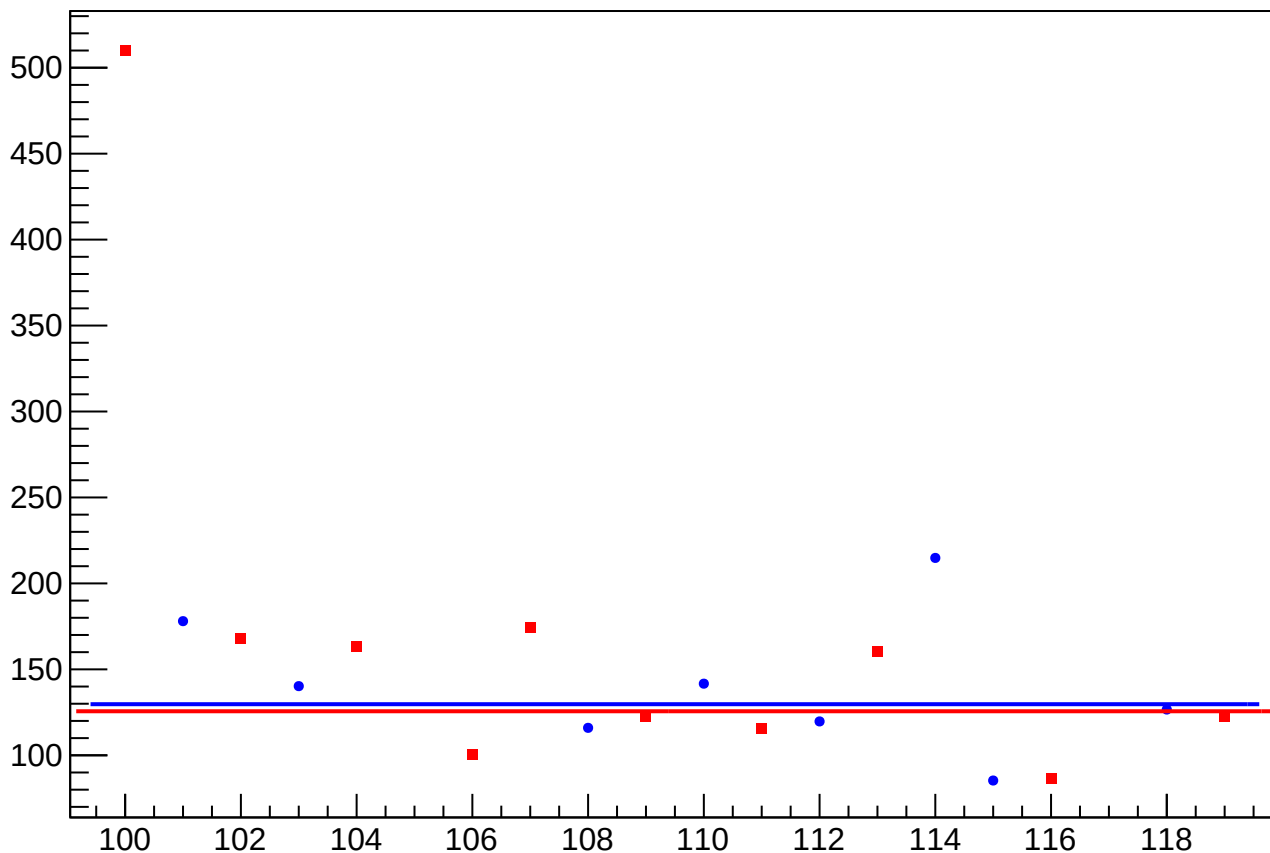
Right: 0.018+/-0.051 χ^2/NDF : 21.6/17

In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 21.6/17

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.728 $\pm$ 0.053 χ^2 /NDF: 227810.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.617 $\pm$ 0.049 χ^2 /NDF: 374114.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

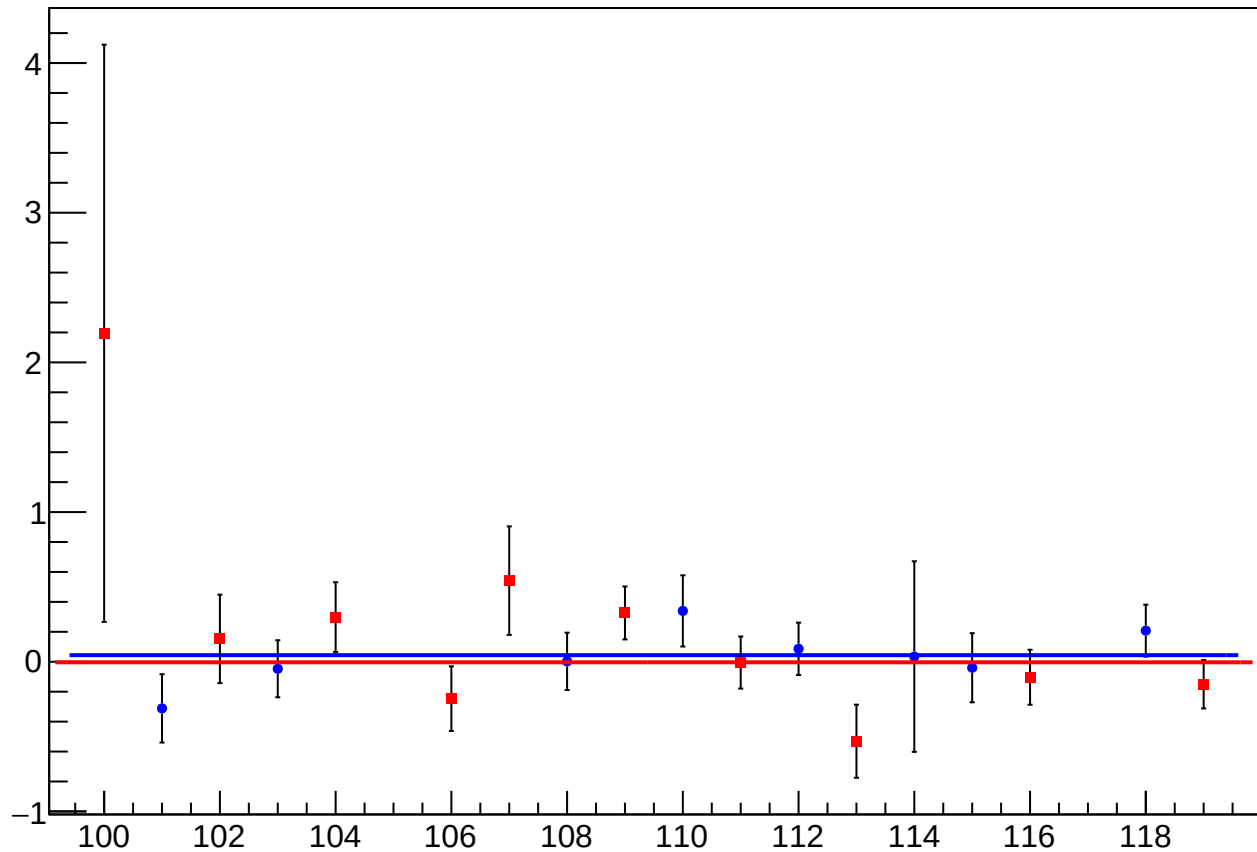
Right: 127.513 $\pm$ 0.036 χ^2 /NDF: 605180.5/17

In: 129.728 $\pm$ 0.053 χ^2 /NDF:227810.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 127.513 $\pm$ 0.036 χ^2 /NDF: 605180.5/17

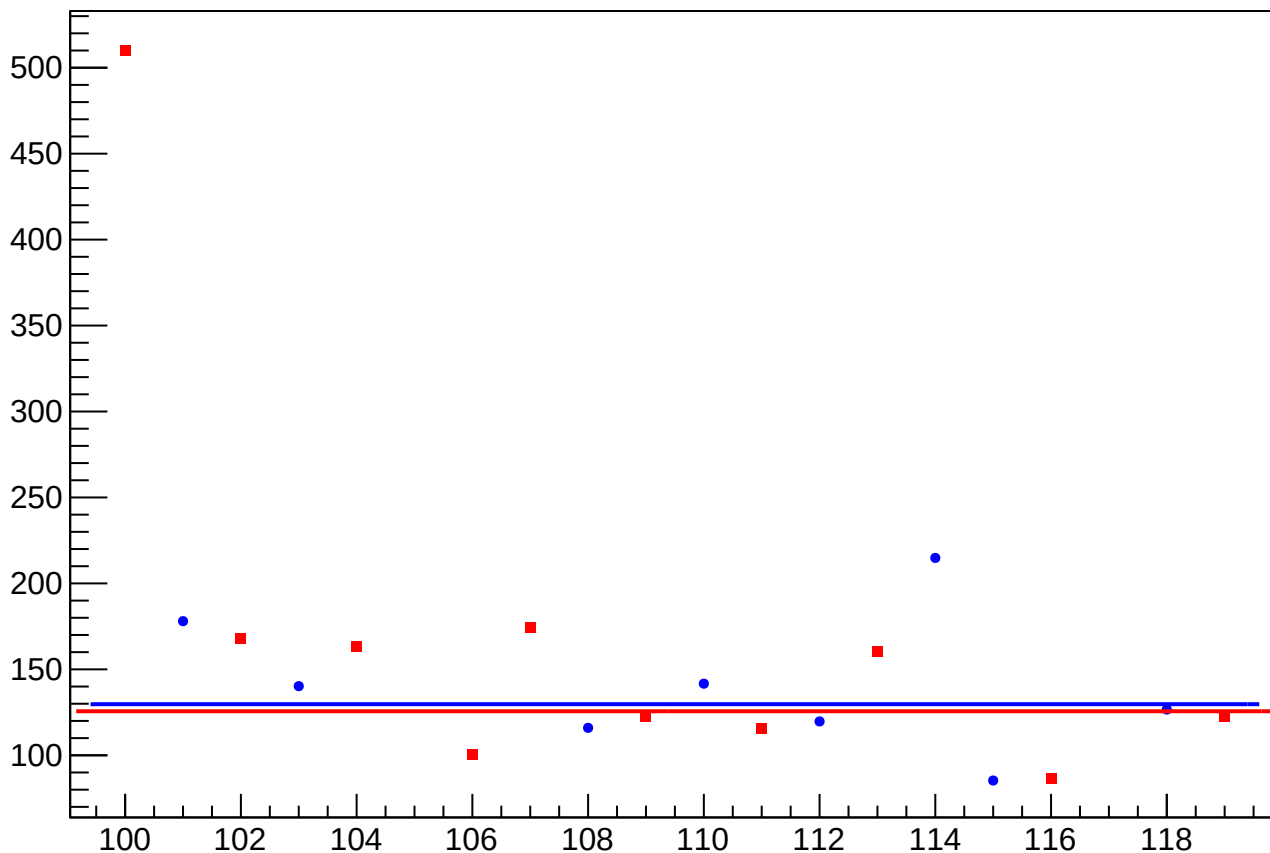
asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.075 χ^2/NDF : 5.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.004+/-0.069 χ^2/NDF : 16.0/9
 Left 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+/-0.051 χ^2/NDF : 21.6/17
 In: 0.044+/-0.075 χ^2/NDF : 5.3/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.018+/-0.051 χ^2/NDF : 21.6/17

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.728+/-0.053 χ^2/NDF : 227810.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.617+/-0.049 χ^2/NDF : 374114.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

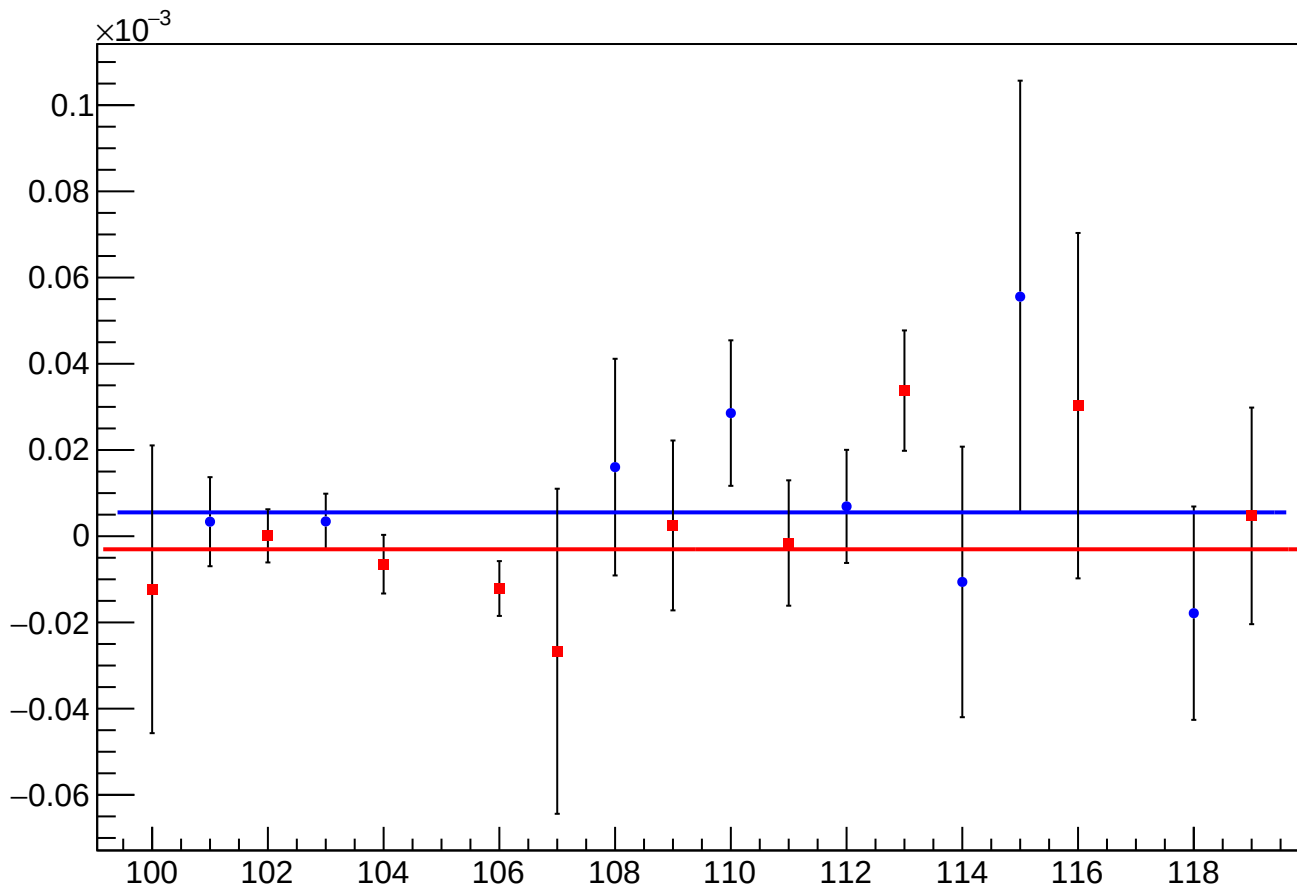
Right: 127.513+/-0.036 χ^2/NDF : 605180.5/17

In: 129.728+/-0.053 χ^2/NDF :227810.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.513+/-0.036 χ^2/NDF : 605180.5/17

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

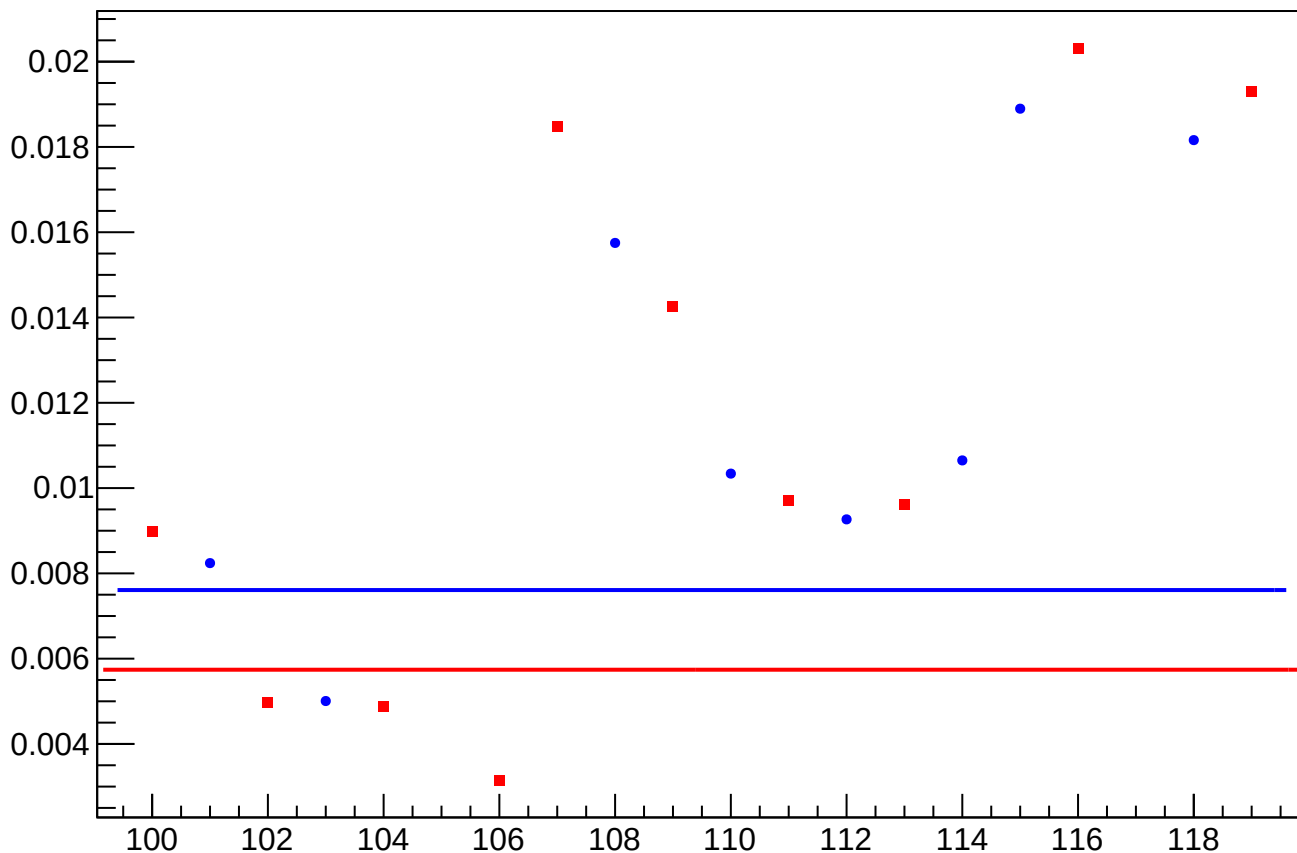
Right: -0.000+/-0.000 χ^2/NDF : 17.5/17

In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.5/17

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1112505.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 2170097.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

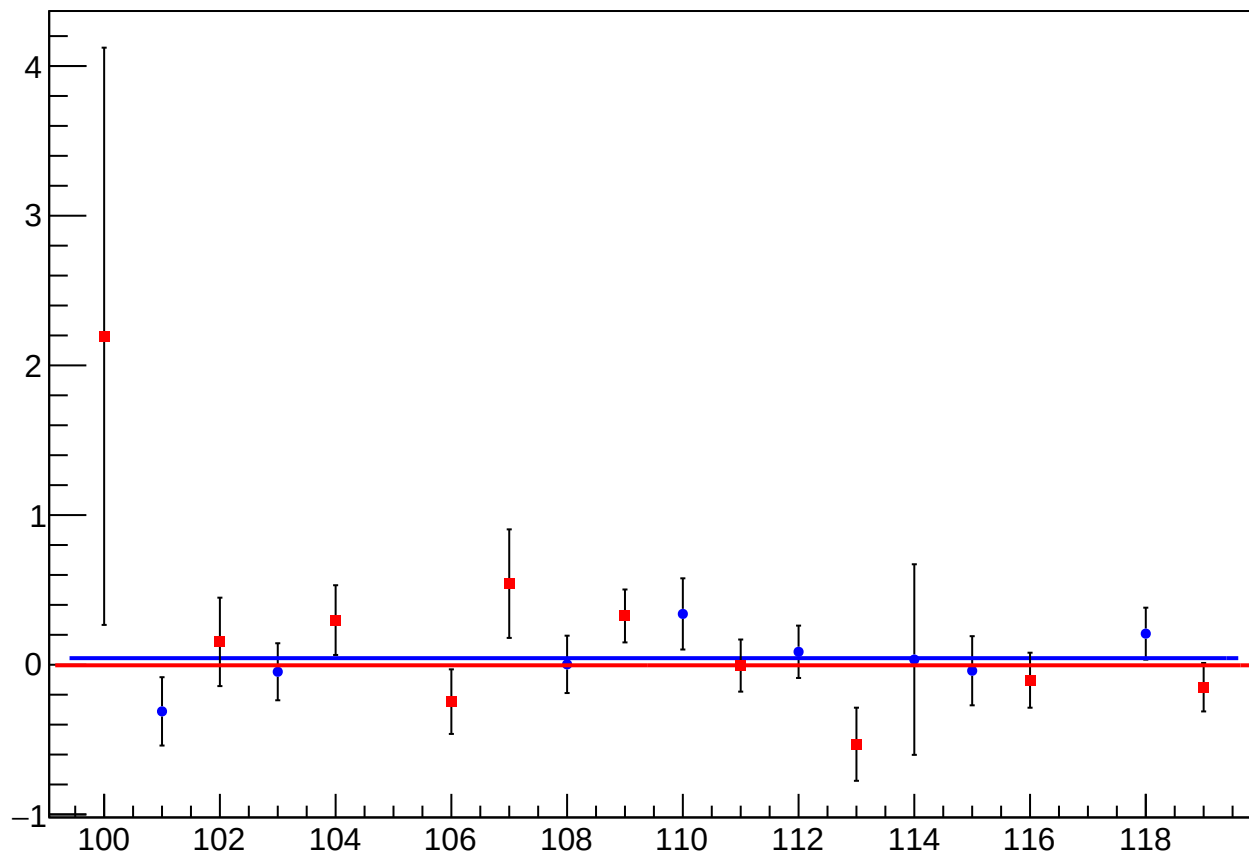
Right: 0.006+/-0.000 χ^2/NDF : 3498603.6/17

In: 0.008+/-0.000 χ^2/NDF :1112505.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3498603.6/17

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.069 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

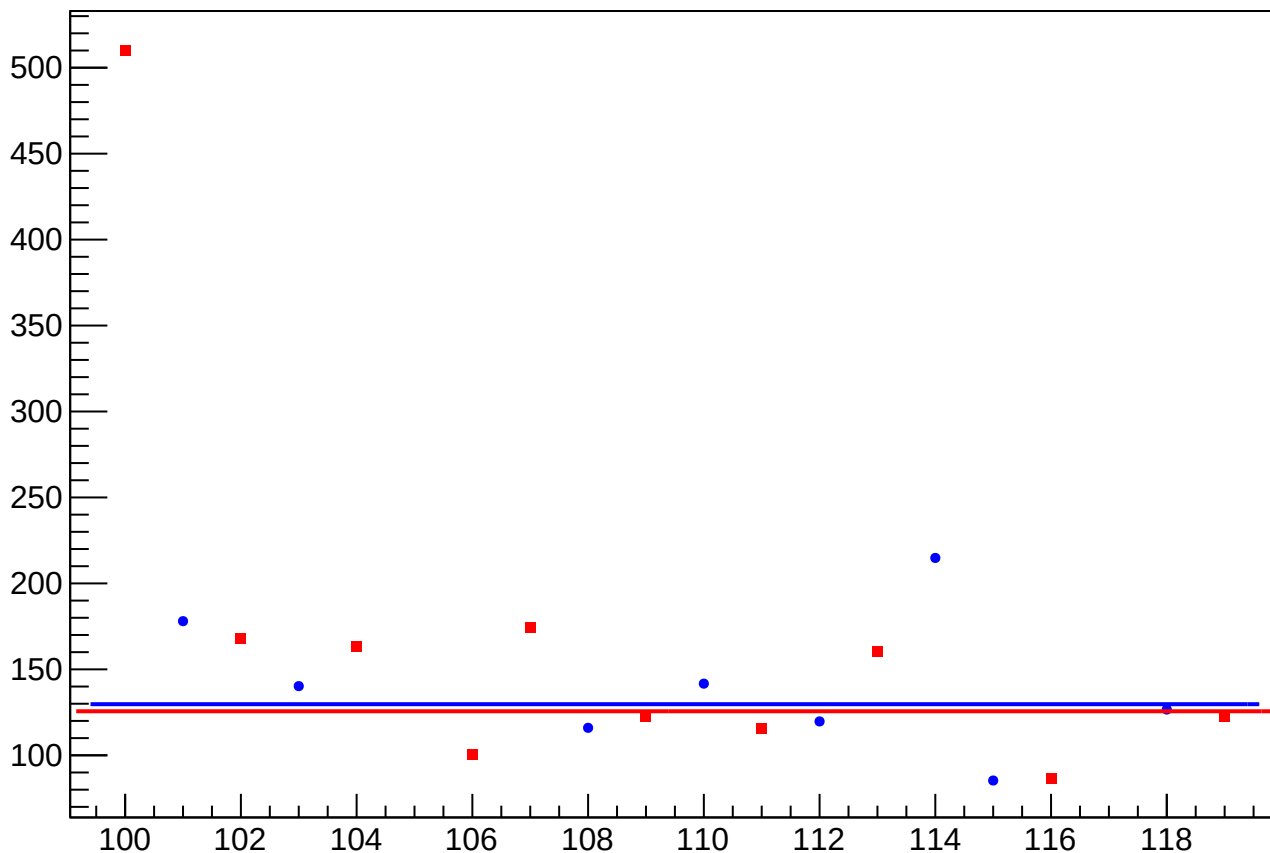
Right: 0.018+/-0.051 χ^2/NDF : 21.6/17

In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 21.6/17

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.729+/-0.053 χ^2/NDF : 227791.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.619+/-0.049 χ^2/NDF : 374081.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

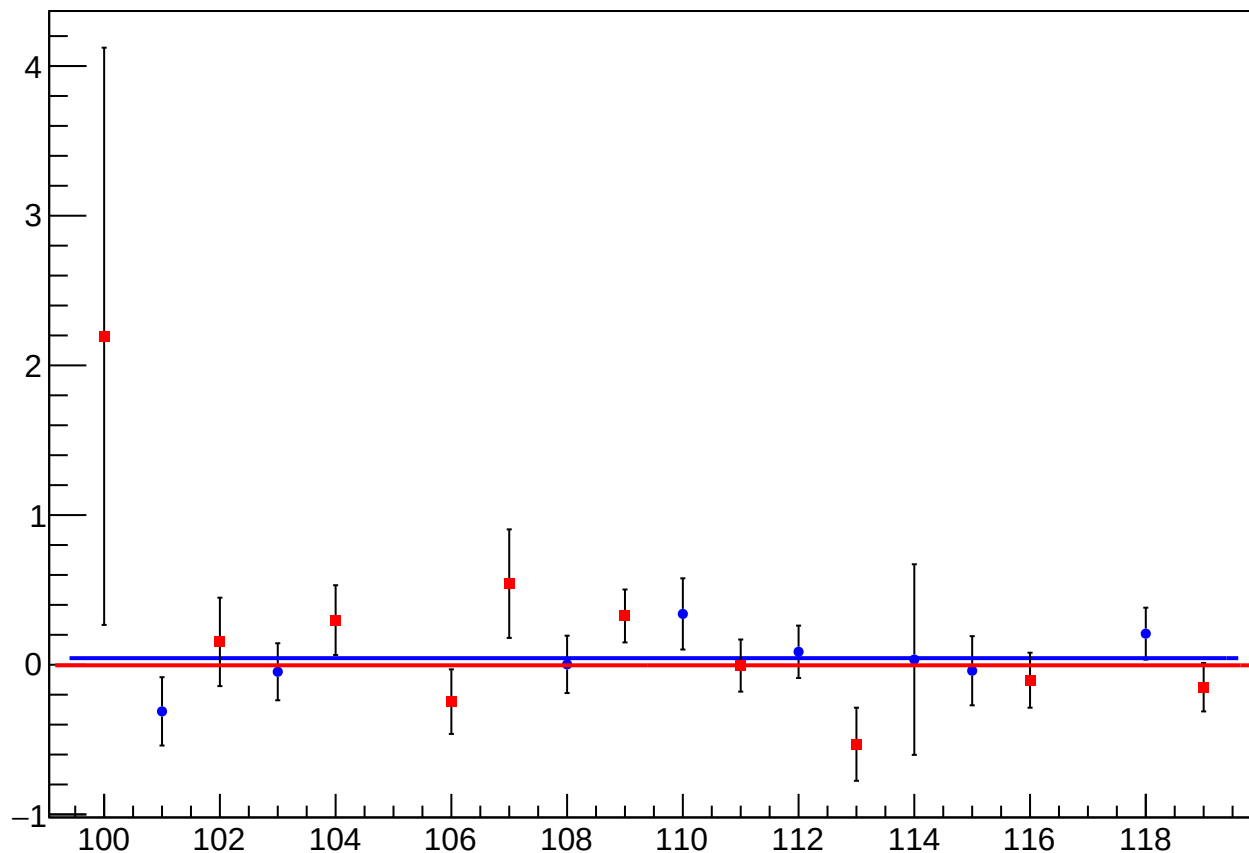
Right: 127.515+/-0.036 χ^2/NDF : 605128.4/17

In: 129.729+/-0.053 χ^2/NDF : 227791.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.515+/-0.036 χ^2/NDF : 605128.4/17

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.069 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

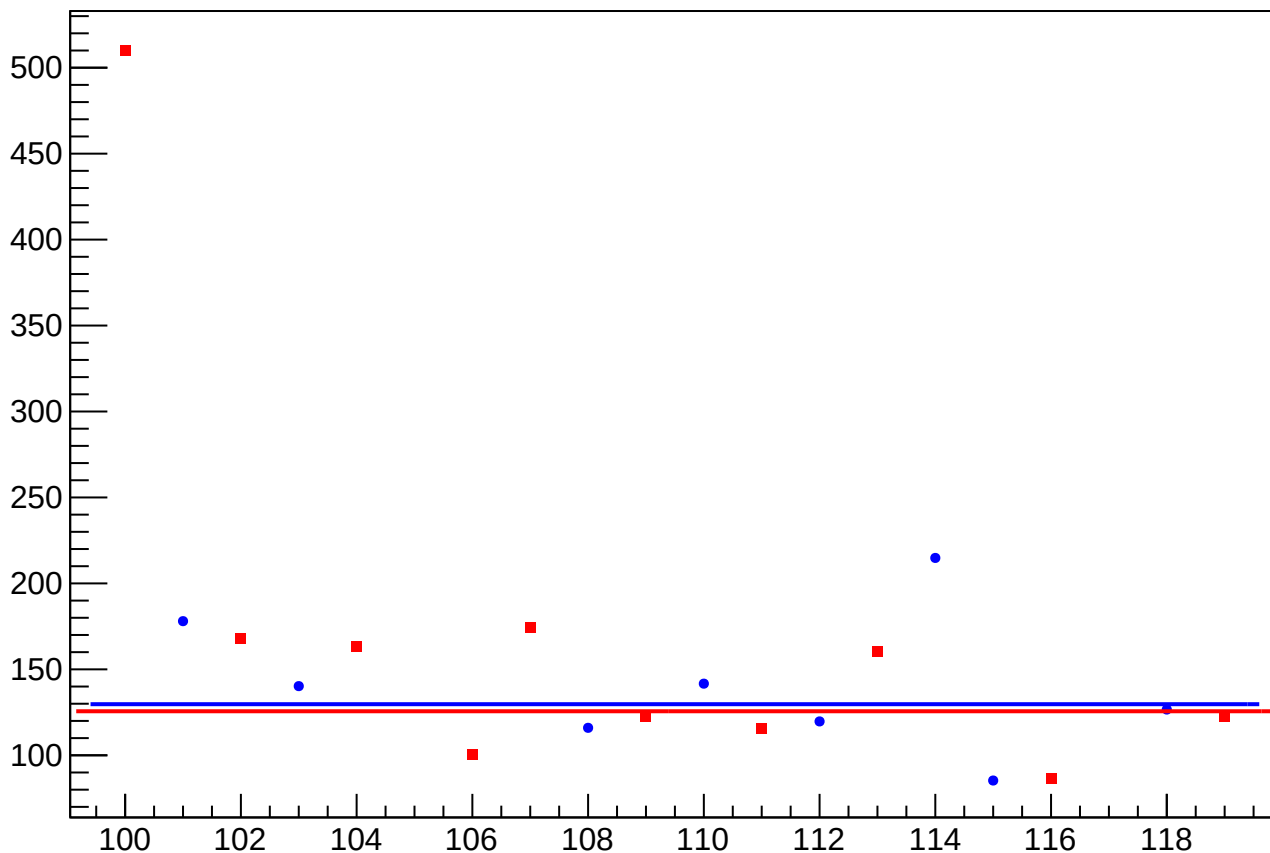
Right: 0.018+/-0.051 χ^2/NDF : 21.6/17

In: 0.044+/-0.075 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.051 χ^2/NDF : 21.6/17

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 129.729+/-0.053 χ^2/NDF : 227791.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.619+/-0.049 χ^2/NDF : 374081.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

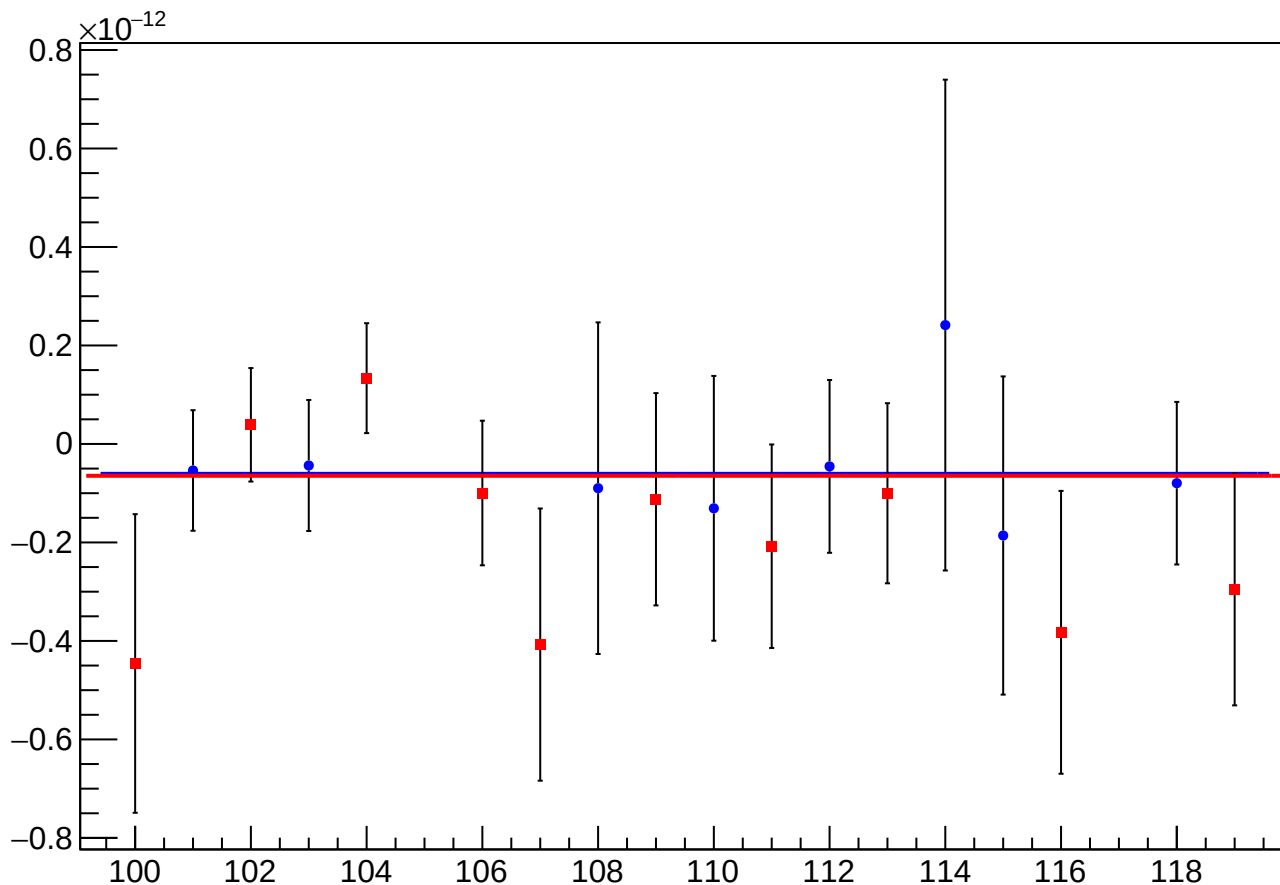
Right: 127.515+/-0.036 χ^2/NDF : 605128.4/17

In: 129.729+/-0.053 χ^2/NDF : 227791.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.515+/-0.036 χ^2/NDF : 605128.4/17

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

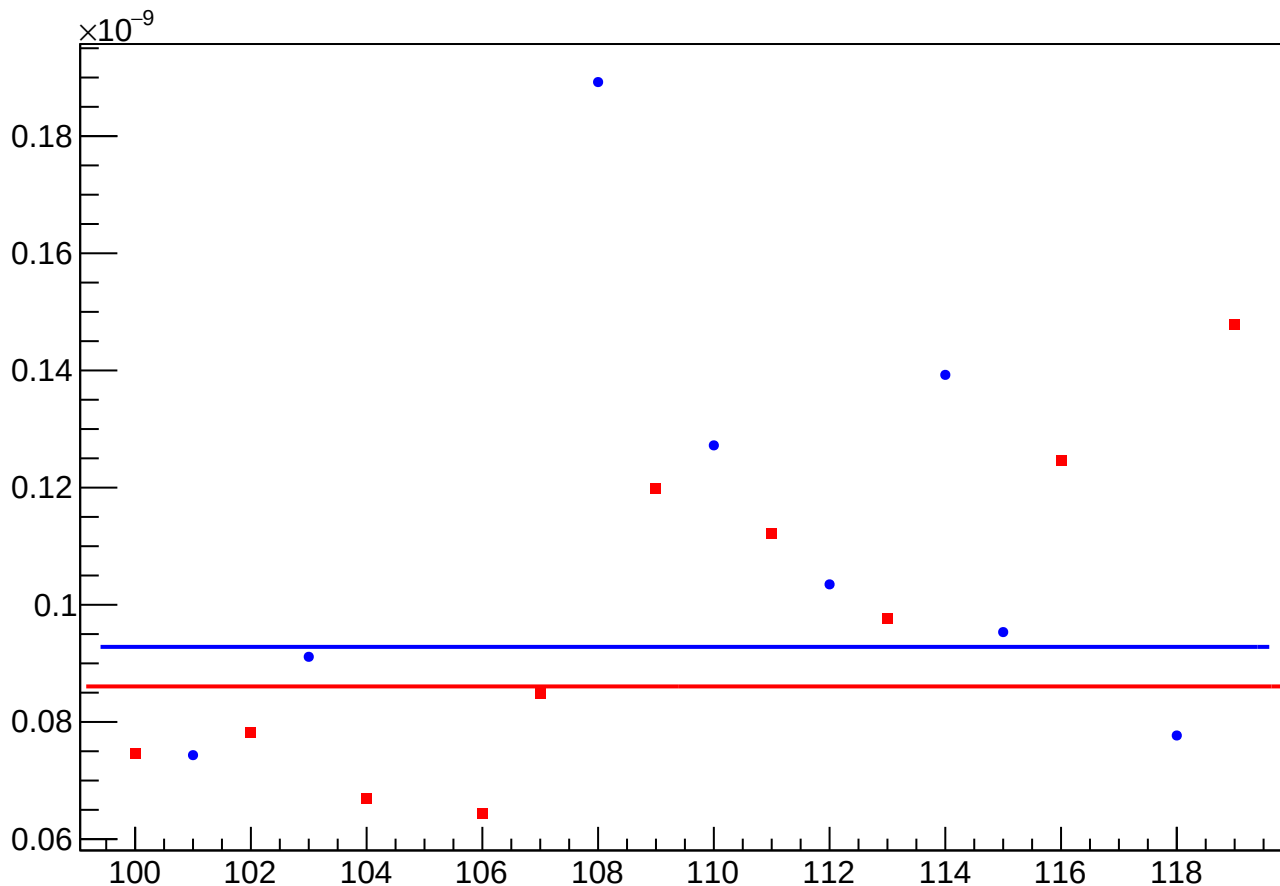
Right: -0.000+/-0.000 χ^2/NDF : 10.5/17

In: -0.000+/-0.000 χ^2/NDF : 0.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/17

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 284307.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377540.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

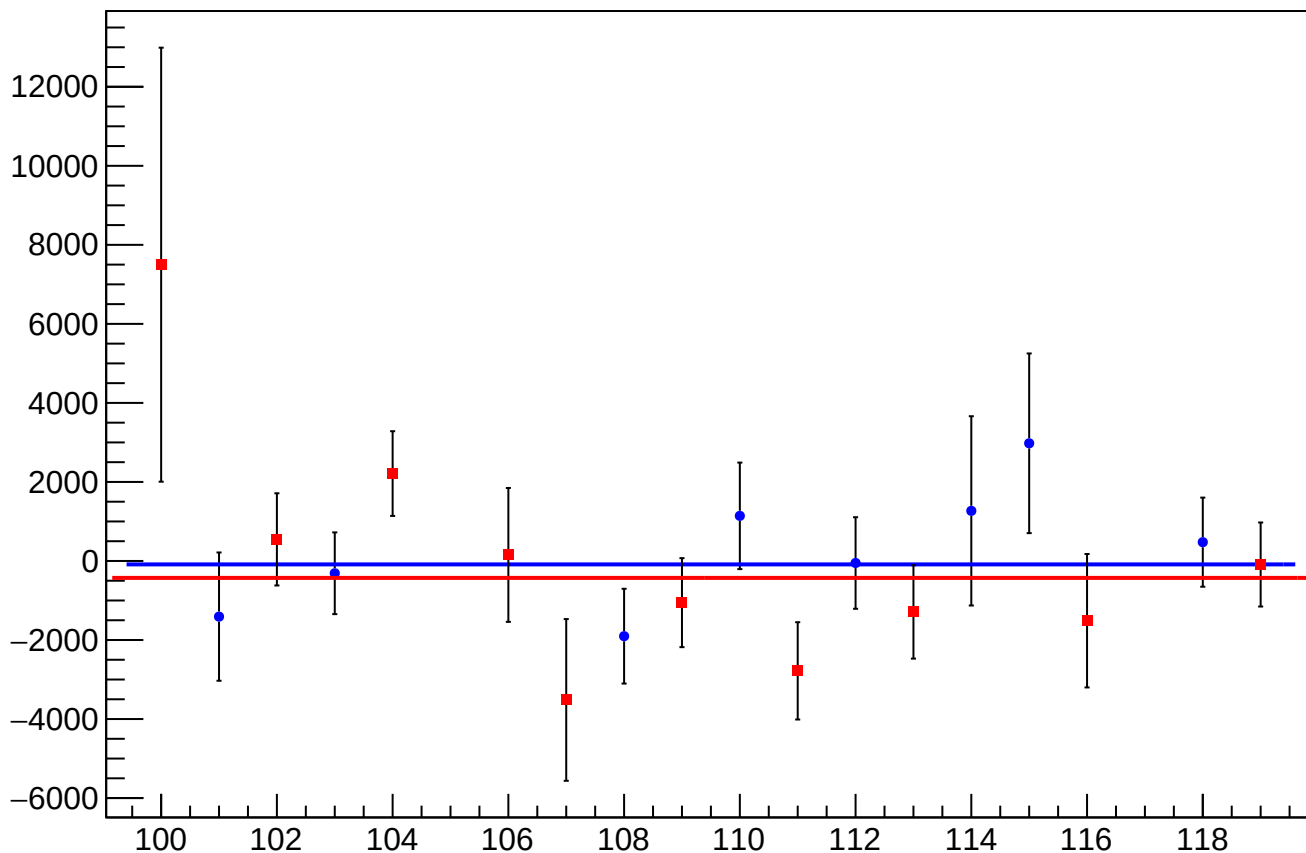
Right: 0.000+/-0.000 χ^2/NDF : 674174.3/17

In: 0.000+/-0.000 χ^2/NDF : 284307.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 674174.3/17

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -86.611+/-473.551 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -428.095+/-421.605 χ^2/NDF : 16.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

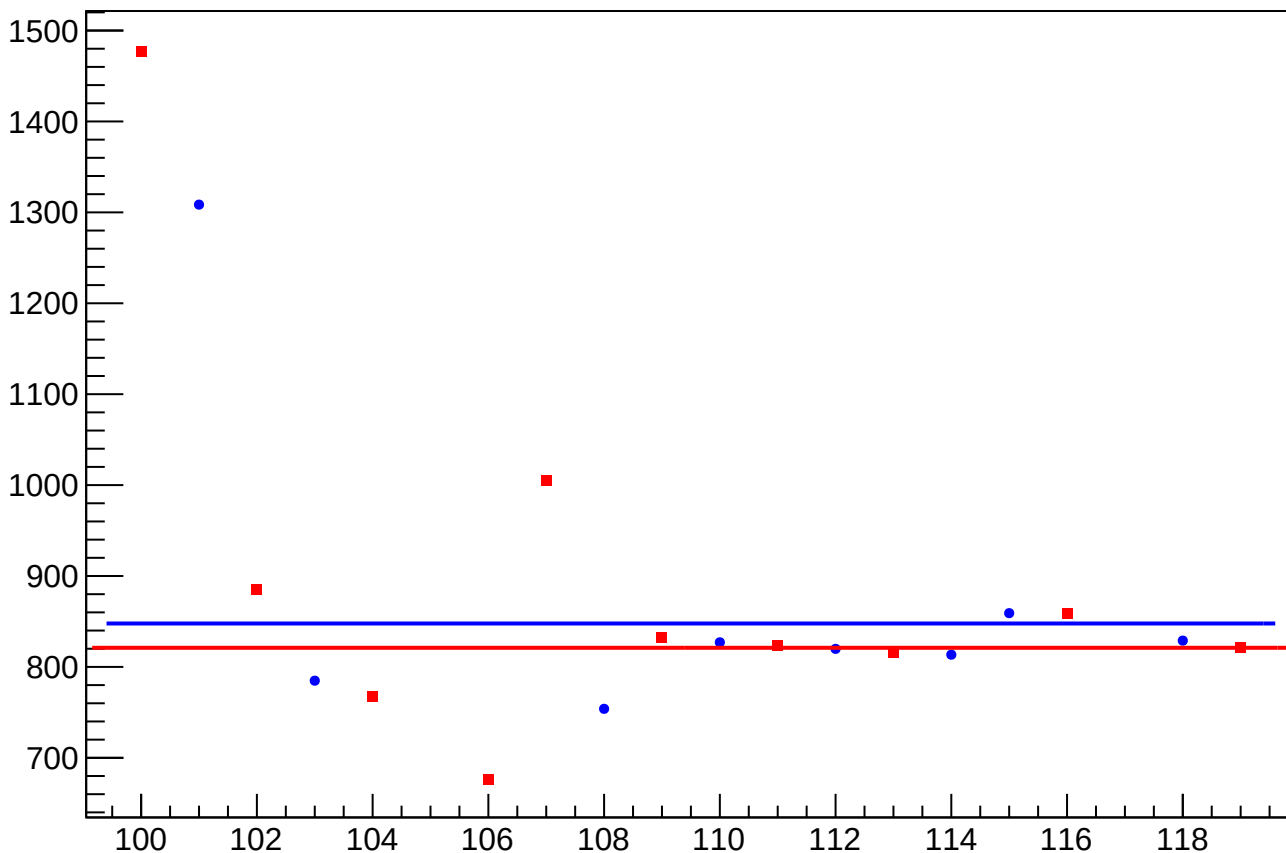
Right: -277.103+/-314.890 χ^2/NDF : 22.8/17

In: -86.611+/-473.551 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -277.103+/-314.890 χ^2/NDF : 22.8/17

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 847.762+/-0.335 χ^2/NDF : 183421.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 821.036+/-0.292 χ^2/NDF : 81908.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

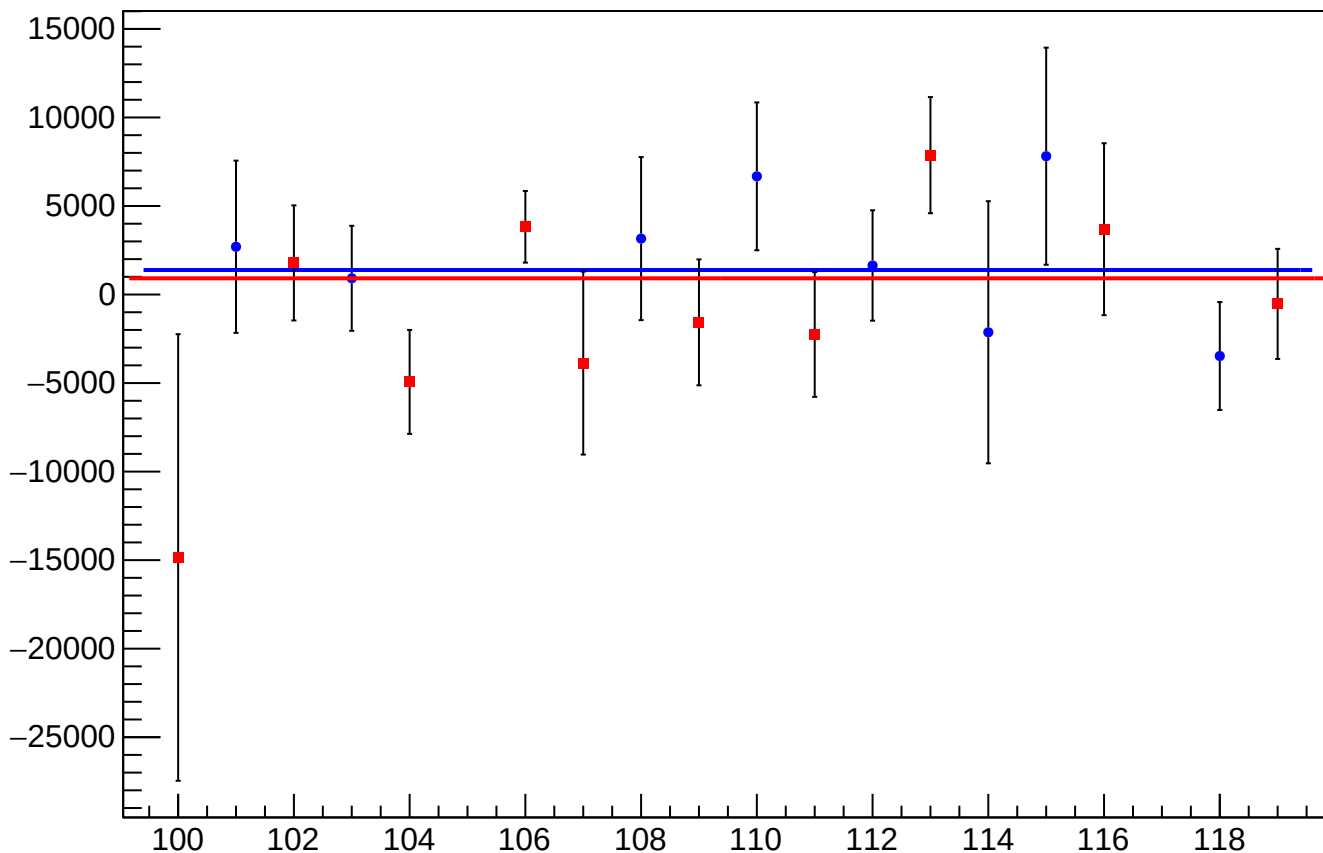
Right: 832.575+/-0.220 χ^2/NDF : 268949.5/17

In: 847.762+/-0.335 χ^2/NDF : 183421.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 832.575+/-0.220 χ^2/NDF : 268949.5/17

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1385.381+/-1392.287 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.601+/-1055.529 χ^2/NDF : 14.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

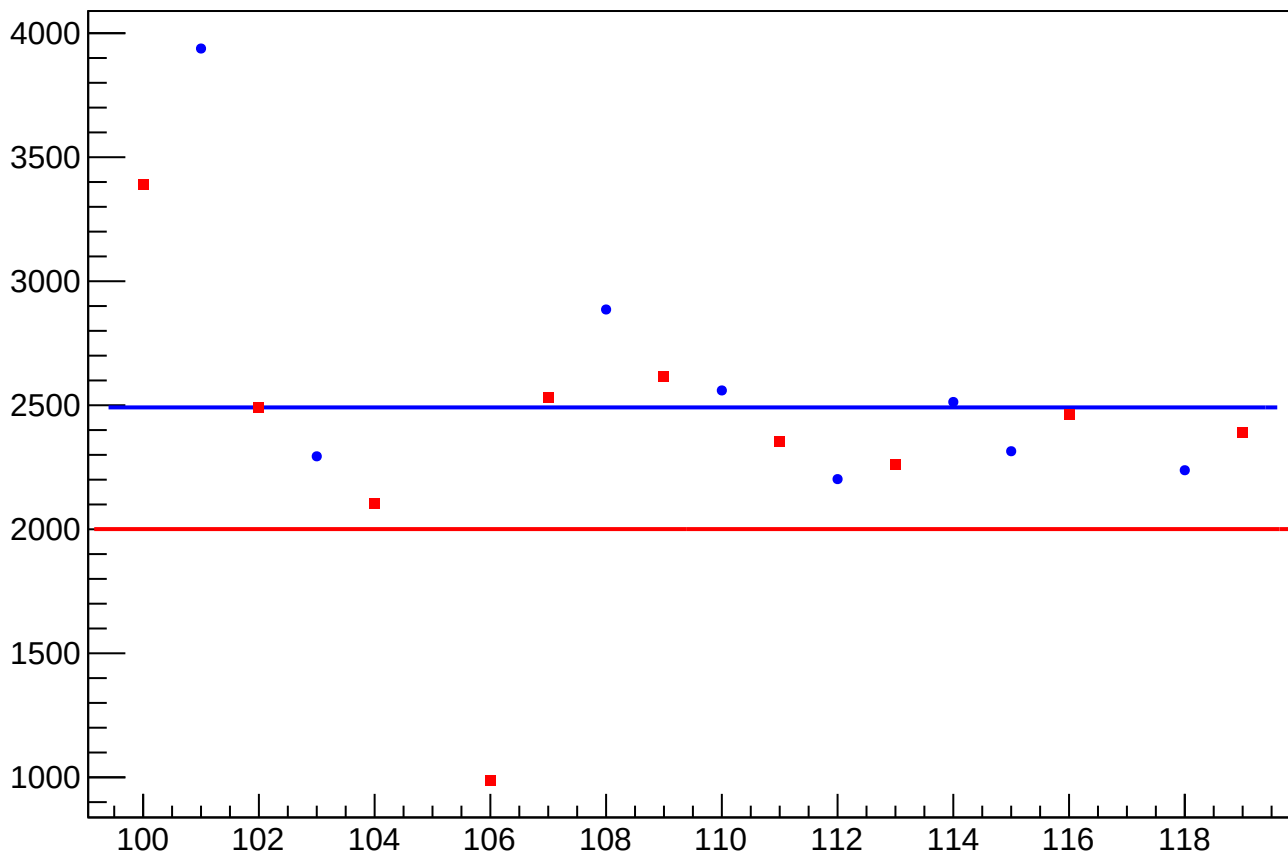
Right: 1087.062+/-841.131 χ^2/NDF : 20.7/17

In: 1385.381+/-1392.287 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.062+/-841.131 χ^2/NDF : 20.7/17

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2491.348+/-0.984 χ^2/NDF : 233756.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2000.770+/-0.746 χ^2/NDF : 737815.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

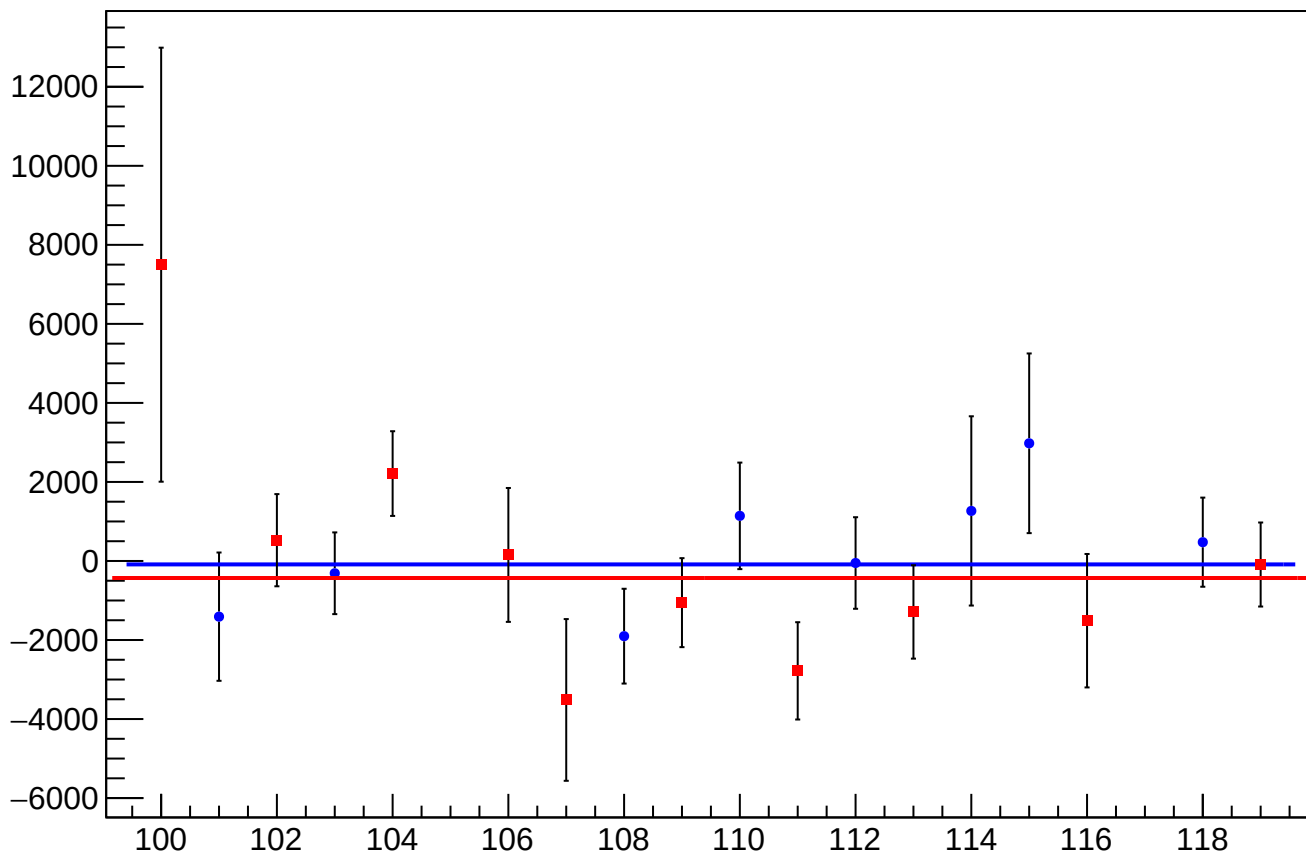
Right: 2179.822+/-0.595 χ^2/NDF : 1129251.8/17

In: 2491.348+/-0.984 χ^2/NDF : 233756.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.822+/-0.595 χ^2/NDF : 1129251.8/17

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -86.733+/-473.551 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -430.920+/-421.616 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

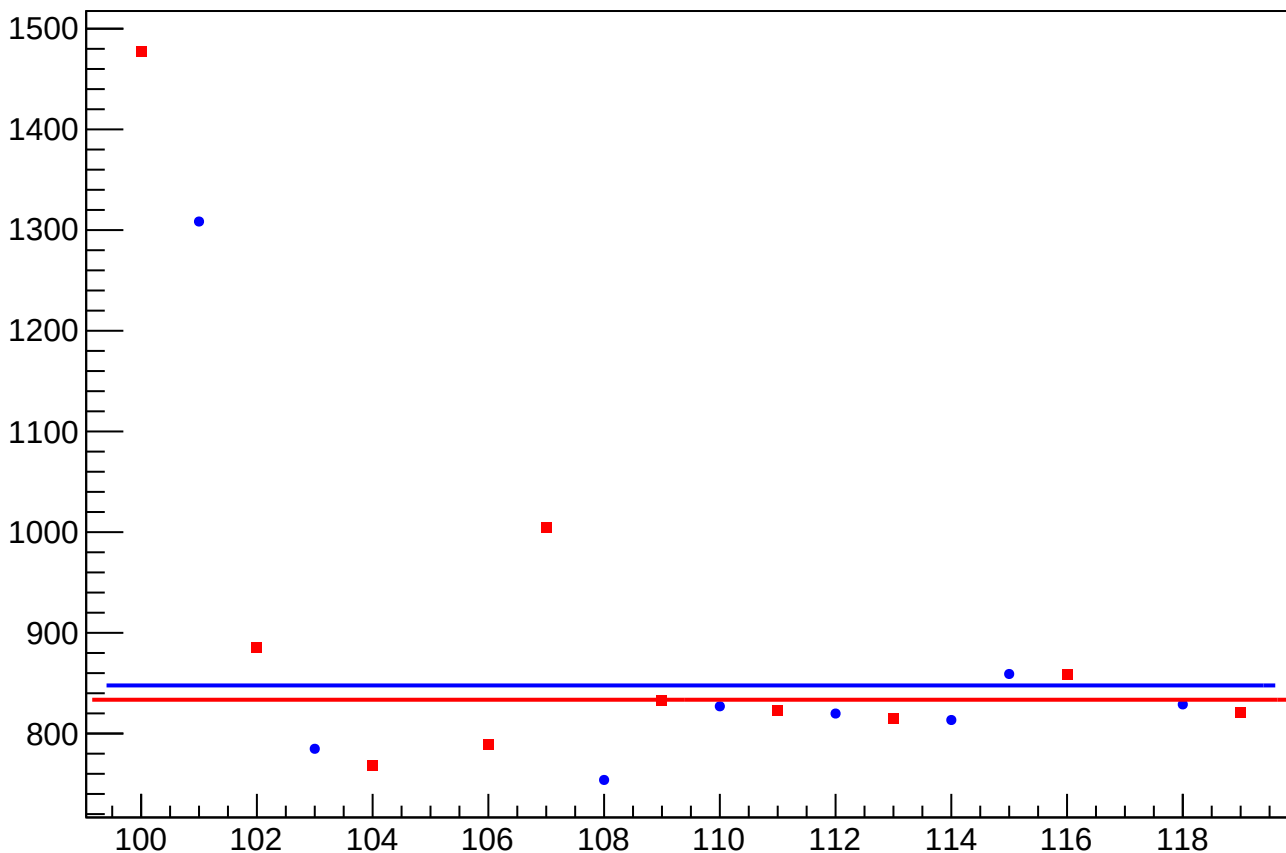
Right: -278.728+/-314.894 χ^2/NDF : 22.7/17

In: -86.733+/-473.551 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.728+/-314.894 χ^2/NDF : 22.7/17

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 847.762+/-0.335 χ^2/NDF : 183420.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.560+/-0.296 χ^2/NDF : 56066.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

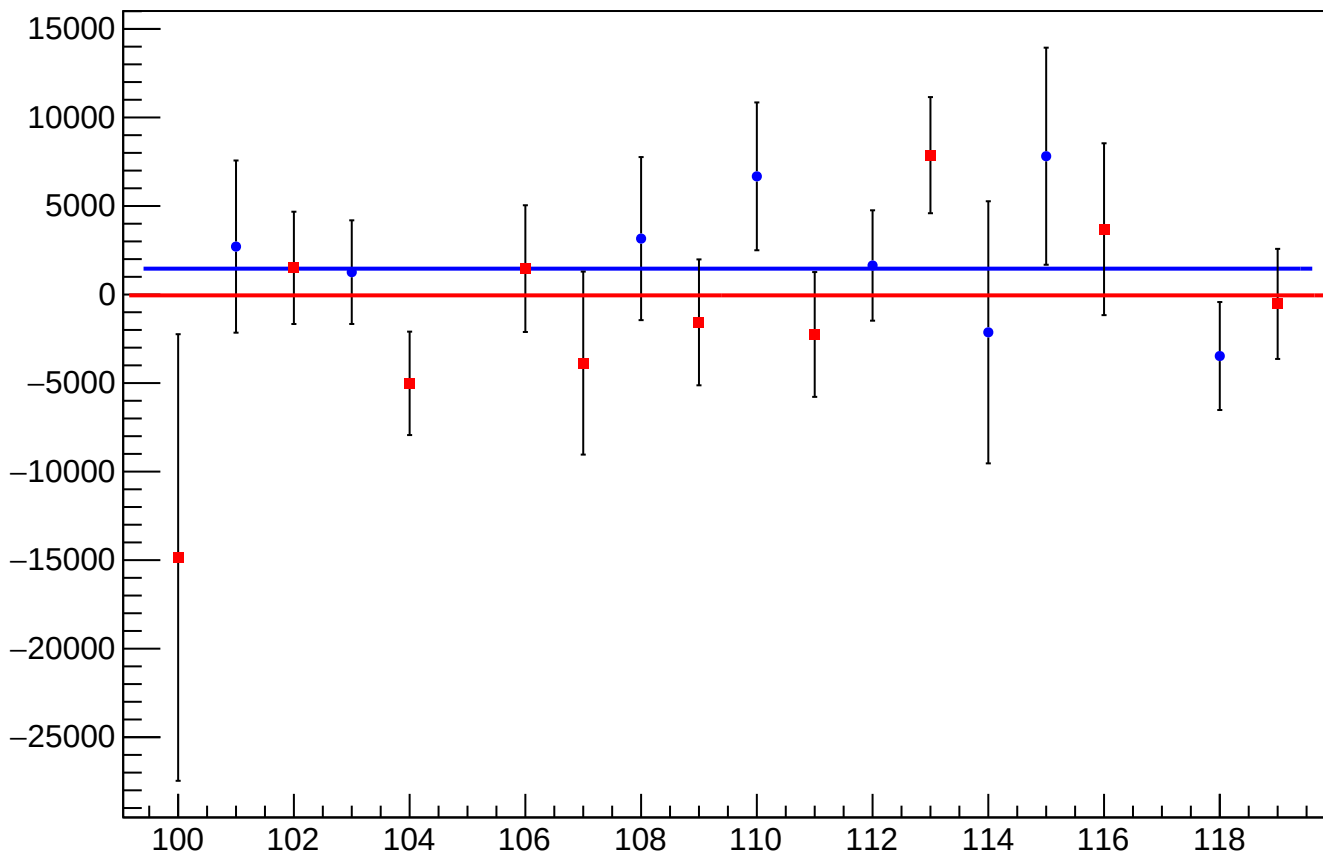
Right: 839.778+/-0.222 χ^2/NDF : 240498.9/17

In: 847.762+/-0.335 χ^2/NDF : 183420.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.778+/-0.222 χ^2/NDF : 240498.9/17

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1461.593+/-1388.198 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.878+/-1164.822 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

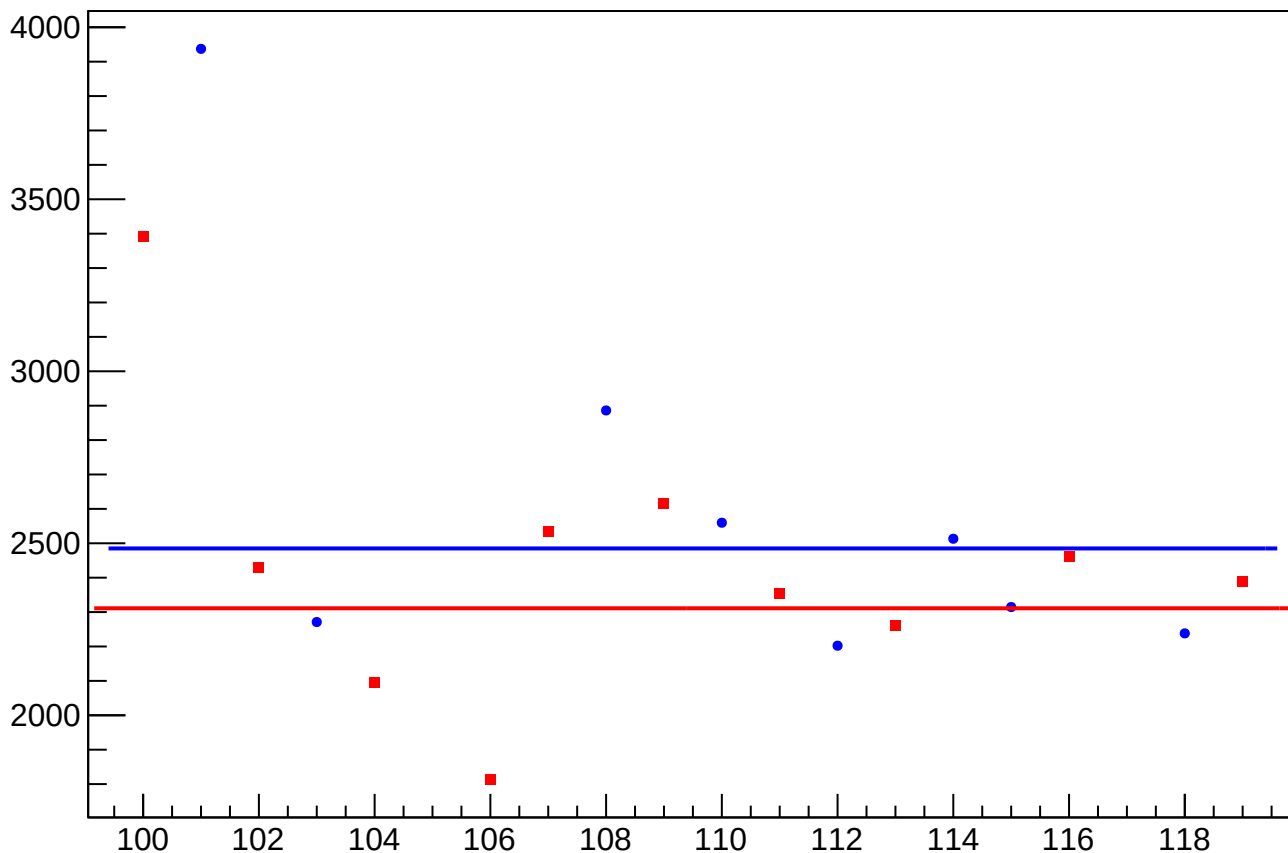
Right: 576.376+/-892.310 χ^2/NDF : 18.7/17

In: 1461.593+/-1388.198 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.376+/-892.310 χ^2/NDF : 18.7/17

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2484.979+/-0.982 χ^2/NDF : 236052.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.019+/-0.824 χ^2/NDF : 89817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

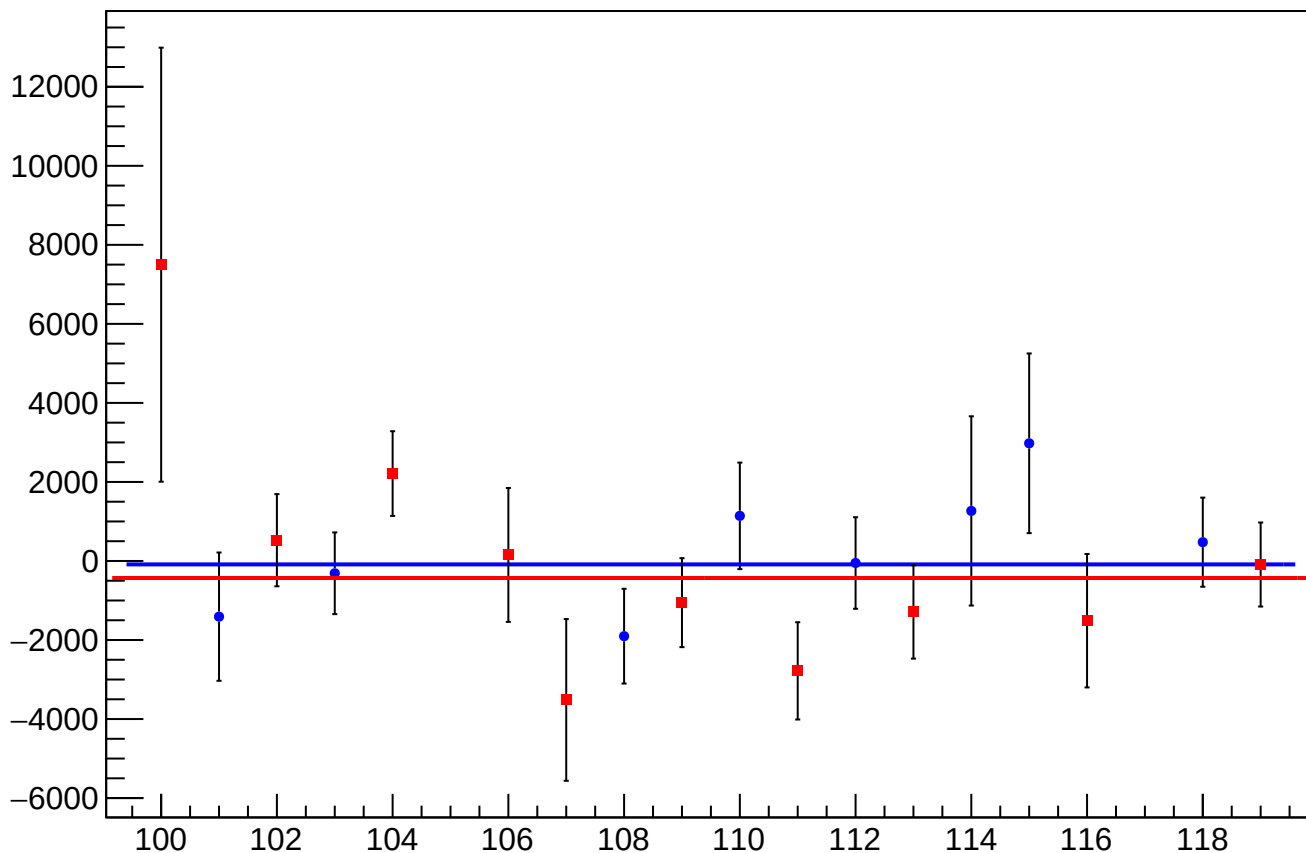
Right: 2382.894+/-0.631 χ^2/NDF : 344300.3/17

In: 2484.979+/-0.982 χ^2/NDF : 236052.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.894+/-0.631 χ^2/NDF : 344300.3/17

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -86.733+/-473.551 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -430.920+/-421.616 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

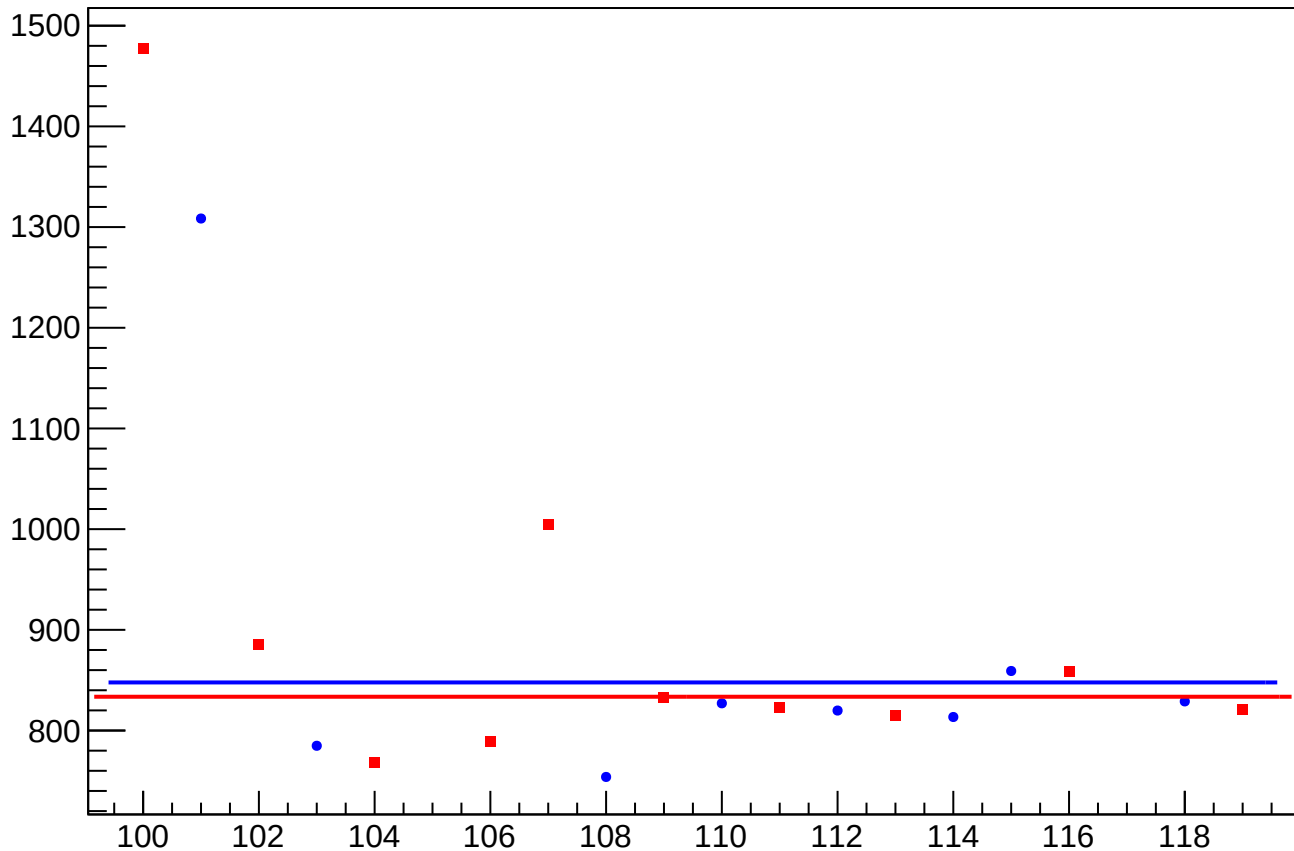
Right: -278.728+/-314.894 χ^2/NDF : 22.7/17

In: -86.733+/-473.551 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -278.728+/-314.894 χ^2/NDF : 22.7/17

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 847.762+/-0.335 χ^2/NDF : 183420.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 833.560+/-0.296 χ^2/NDF : 56066.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

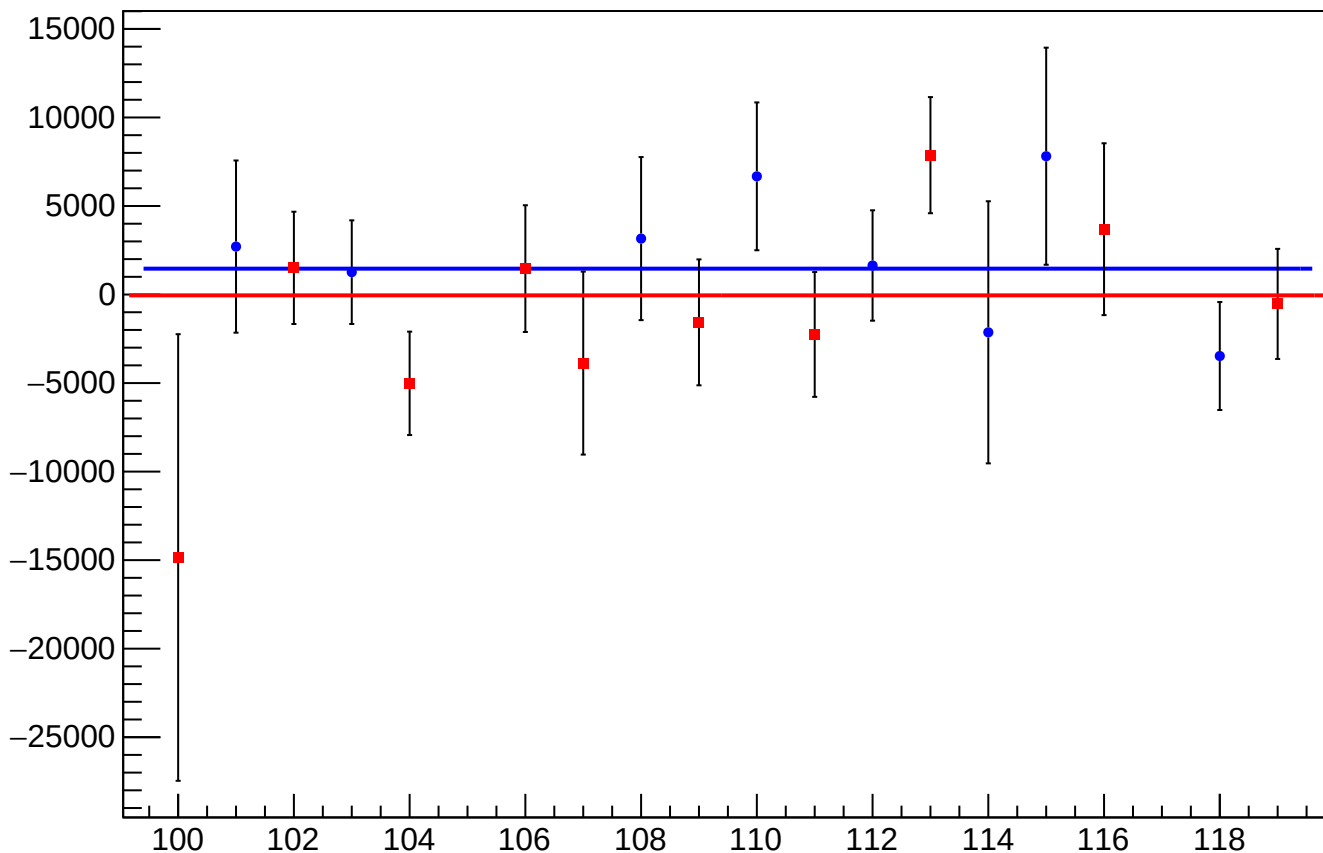
Right: 839.778+/-0.222 χ^2/NDF : 240498.9/17

In: 847.762+/-0.335 χ^2/NDF : 183420.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.778+/-0.222 χ^2/NDF : 240498.9/17

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1461.593+/-1388.198 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -46.878+/-1164.822 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

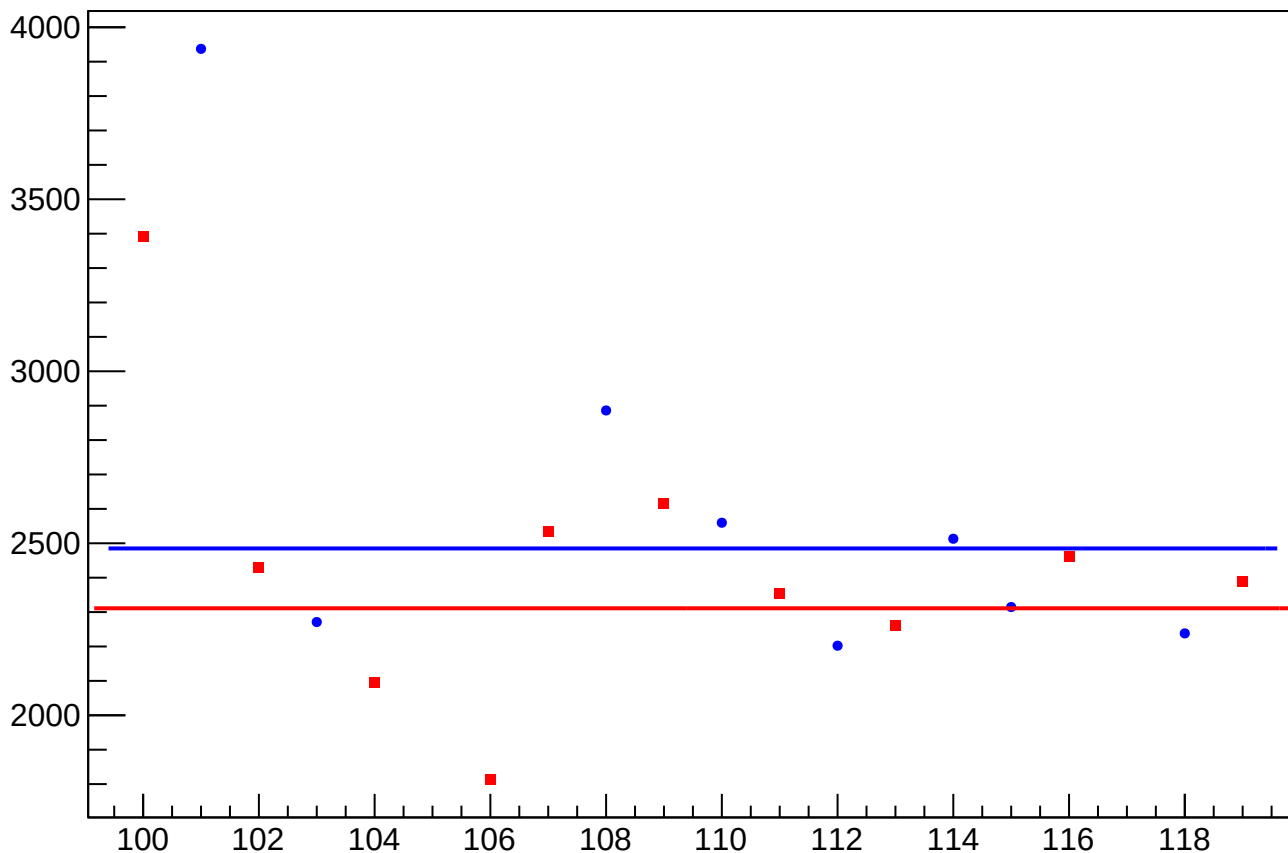
Right: 576.376+/-892.310 χ^2/NDF : 18.7/17

In: 1461.593+/-1388.198 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 576.376+/-892.310 χ^2/NDF : 18.7/17

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2484.979+/-0.982 χ^2/NDF : 236052.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2311.019+/-0.824 χ^2/NDF : 89817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

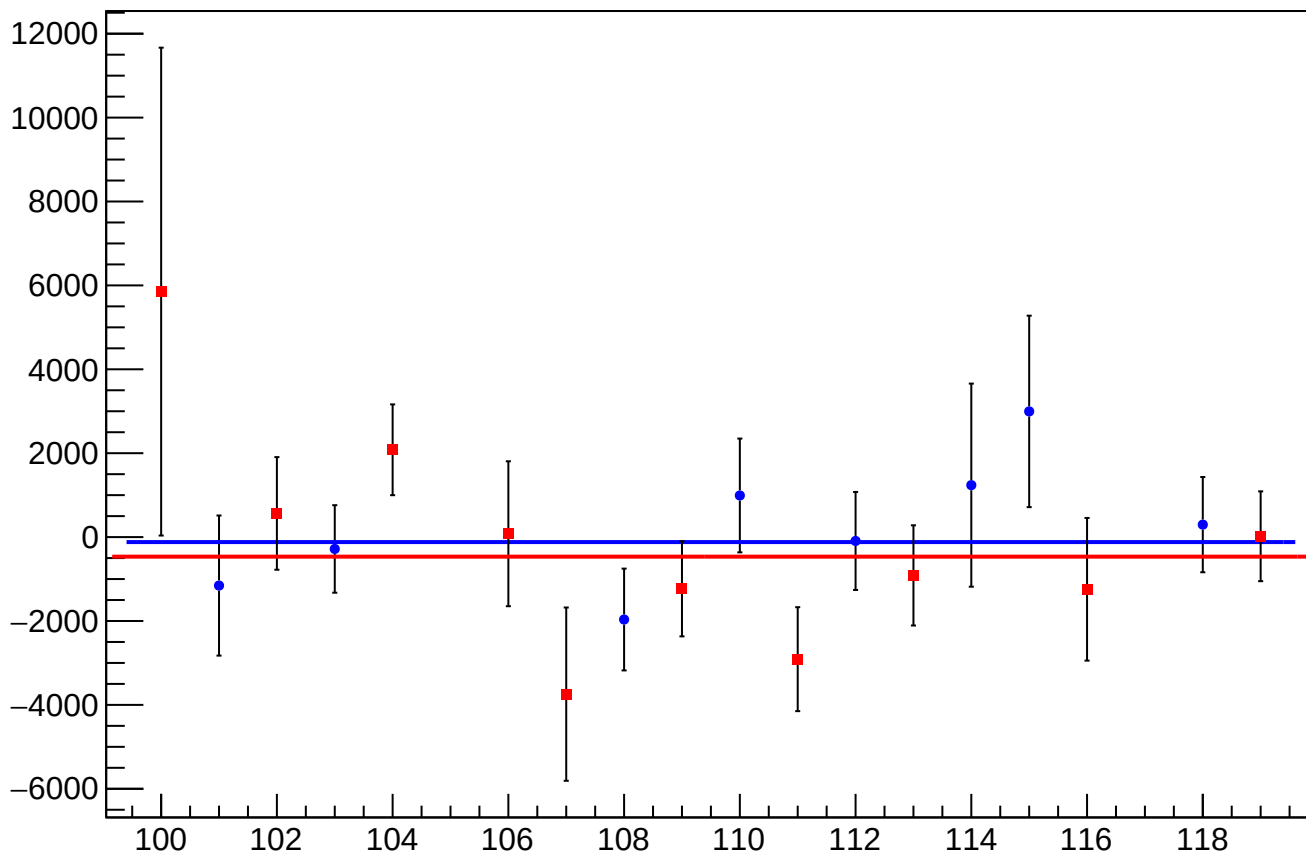
Right: 2382.894+/-0.631 χ^2/NDF : 344300.3/17

In: 2484.979+/-0.982 χ^2/NDF : 236052.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.894+/-0.631 χ^2/NDF : 344300.3/17

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -118.912 $\pm$ 478.274 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -466.303 $\pm$ 432.036 χ^2 /NDF: 14.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

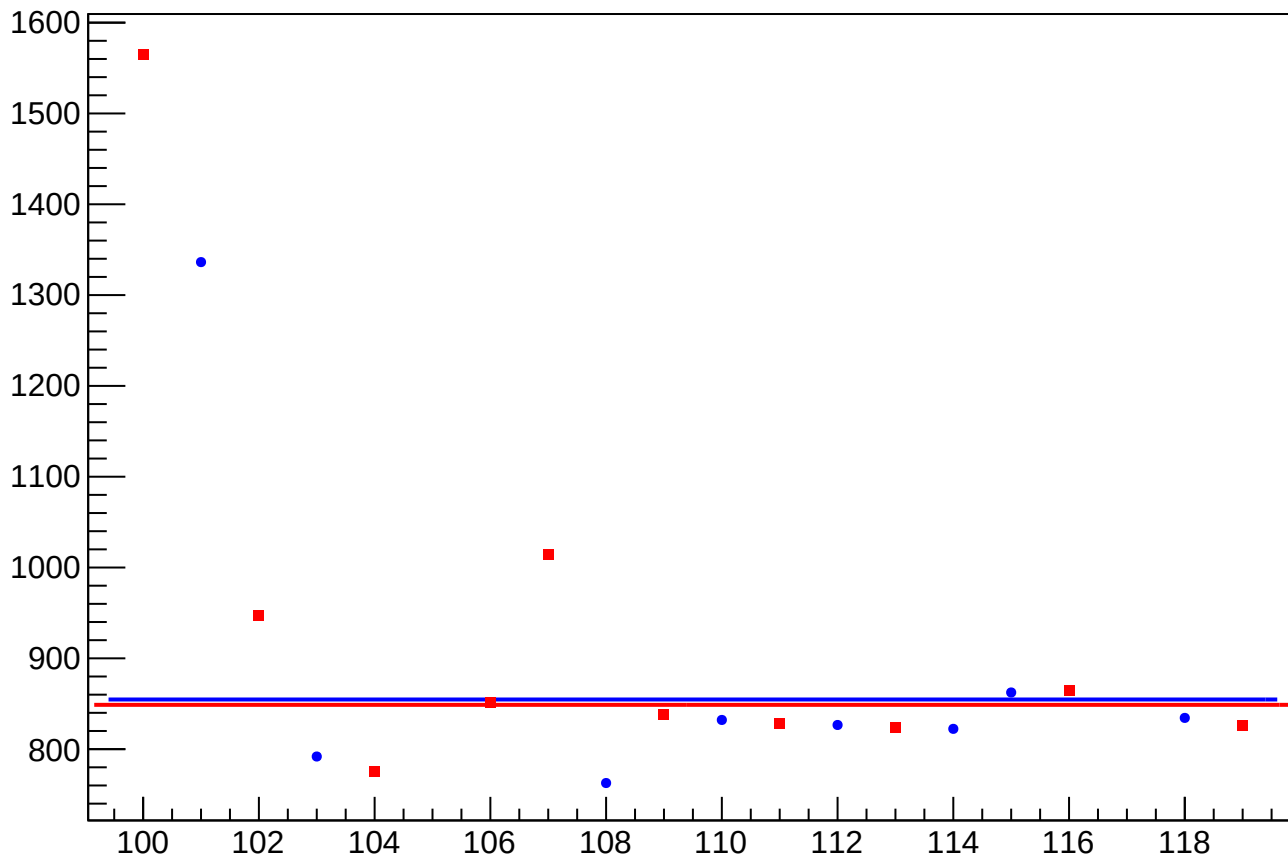
Right: -310.207 $\pm$ 320.600 χ^2 /NDF: 20.8/17

In: -118.912 $\pm$ 478.274 χ^2 /NDF:5.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -310.207 $\pm$ 320.600 χ^2 /NDF: 20.8/17

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 854.681+/-0.338 χ^2/NDF : 187827.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.796+/-0.305 χ^2/NDF : 65829.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

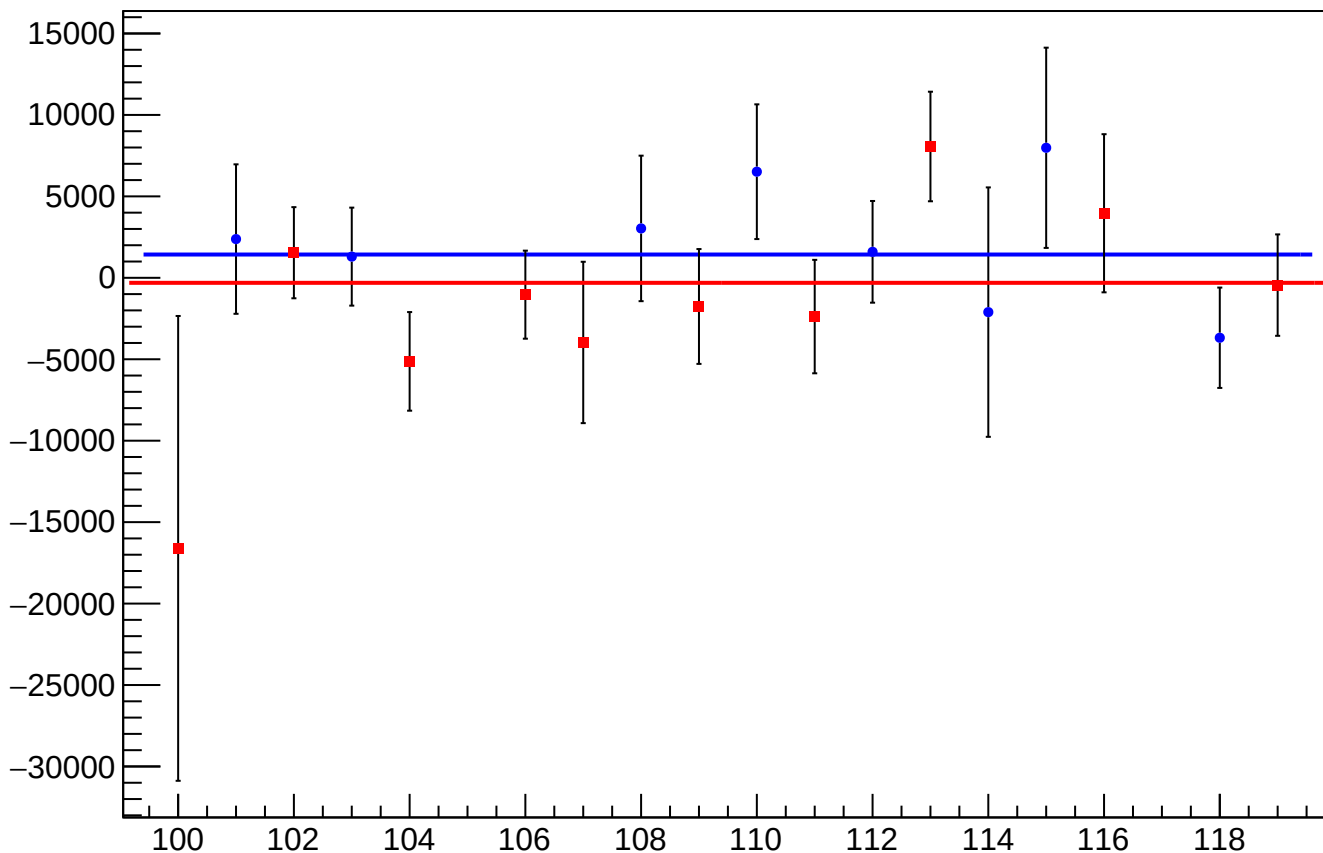
Right: 851.436+/-0.226 χ^2/NDF : 253823.8/17

In: 854.681+/-0.338 χ^2/NDF : 187827.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.436+/-0.226 χ^2/NDF : 253823.8/17

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1429.839+/-1389.266 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.588+/-1106.775 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

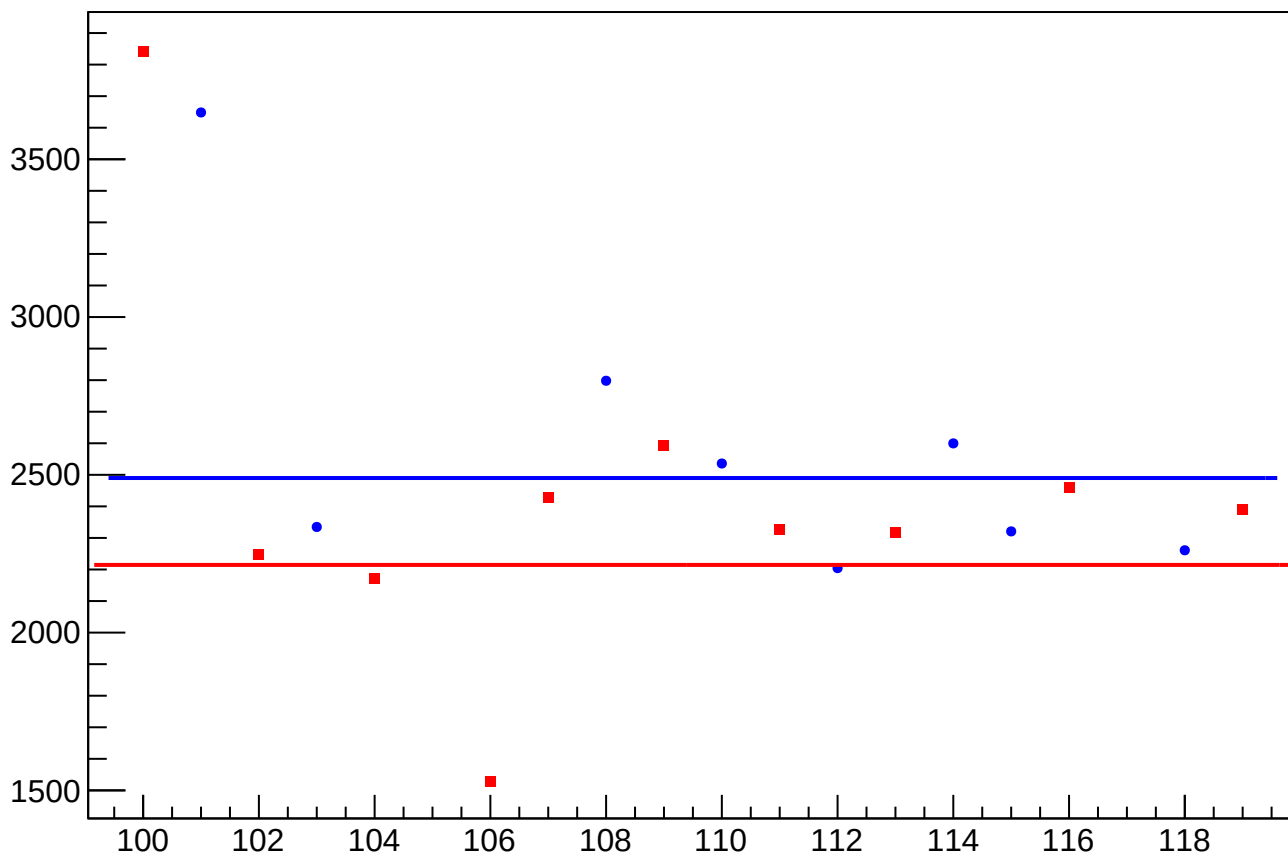
Right: 366.977+/-865.654 χ^2/NDF : 19.1/17

In: 1429.839+/-1389.266 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.977+/-865.654 χ^2/NDF : 19.1/17

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2489.890+/-0.982 χ^2/NDF : 172296.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.485+/-0.783 χ^2/NDF : 197592.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

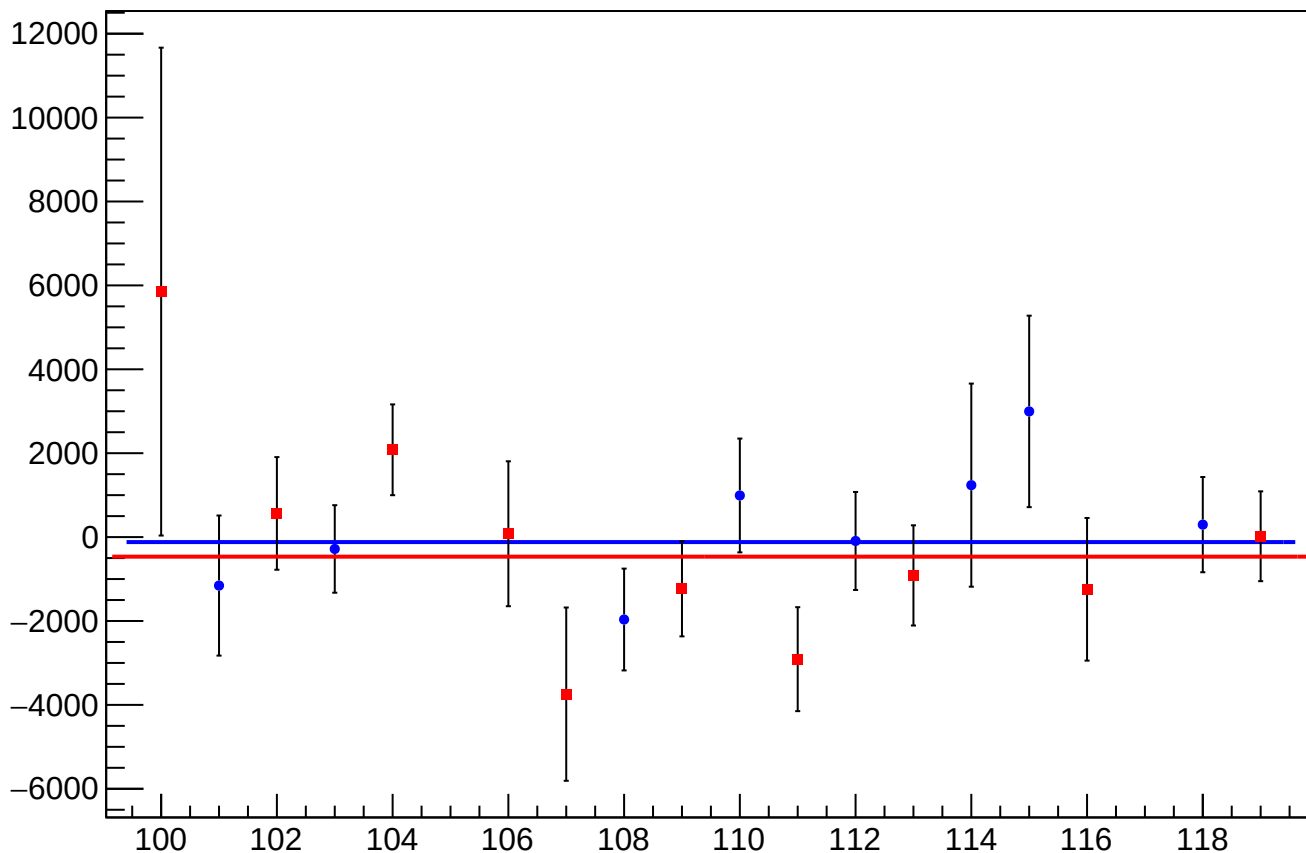
Right: 2321.413+/-0.612 χ^2/NDF : 417969.9/17

In: 2489.890+/-0.982 χ^2/NDF : 172296.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2321.413+/-0.612 χ^2/NDF : 417969.9/17

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -118.918+/-478.274 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -466.312+/-432.036 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

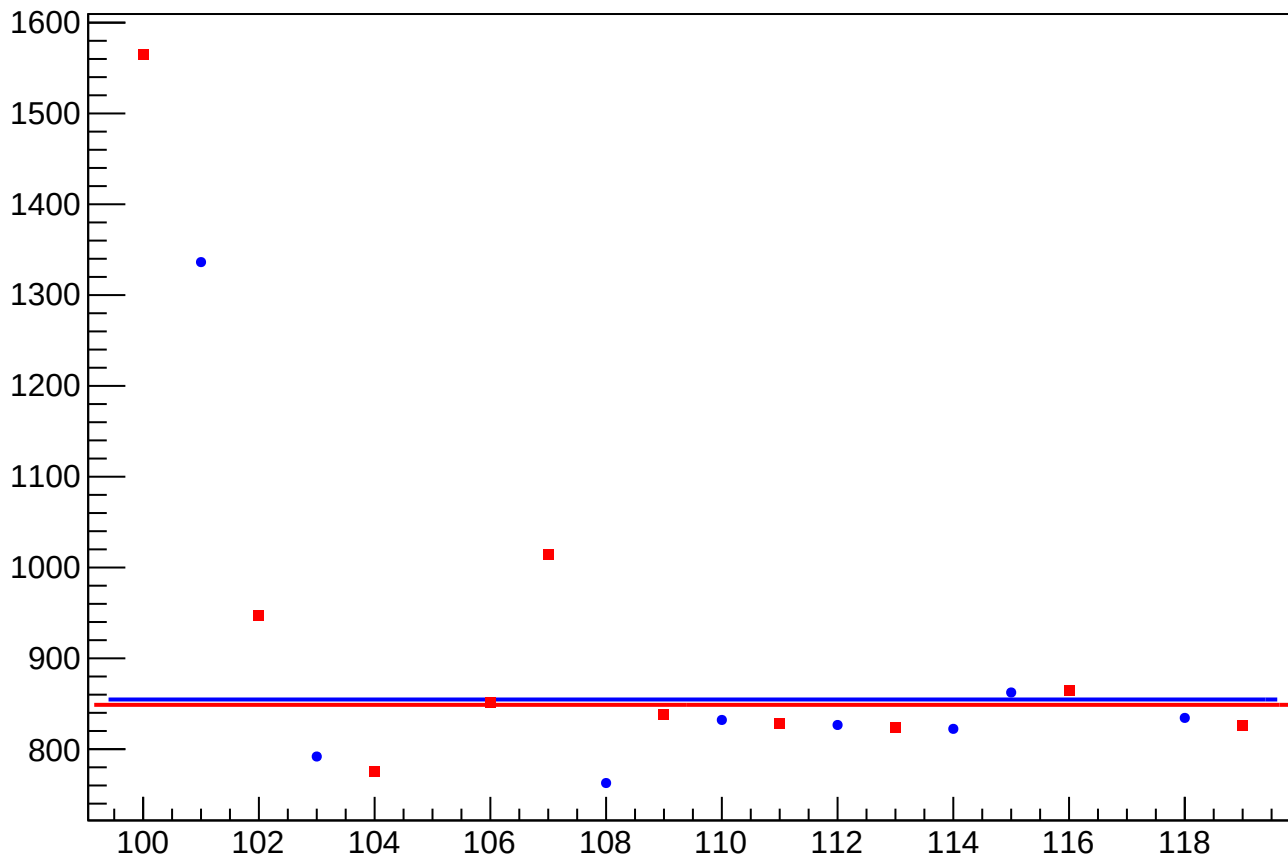
Right: -310.215+/-320.600 χ^2/NDF : 20.8/17

In: -118.918+/-478.274 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -310.215+/-320.600 χ^2/NDF : 20.8/17

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 854.682+/-0.338 χ^2/NDF : 187826.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.797+/-0.305 χ^2/NDF : 65829.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

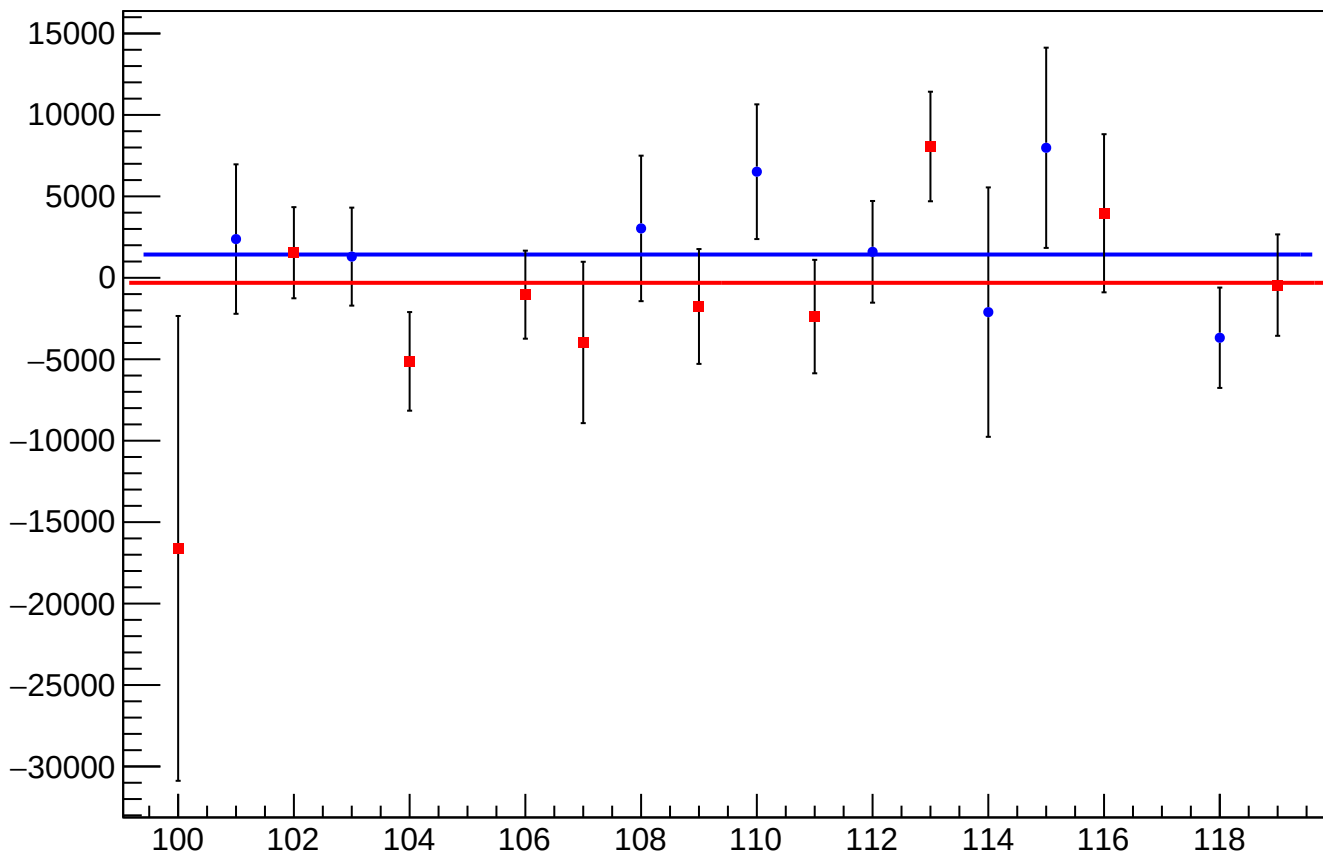
Right: 851.436+/-0.226 χ^2/NDF : 253823.2/17

In: 854.682+/-0.338 χ^2/NDF : 187826.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.436+/-0.226 χ^2/NDF : 253823.2/17

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1429.830+/-1389.261 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.590+/-1106.771 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

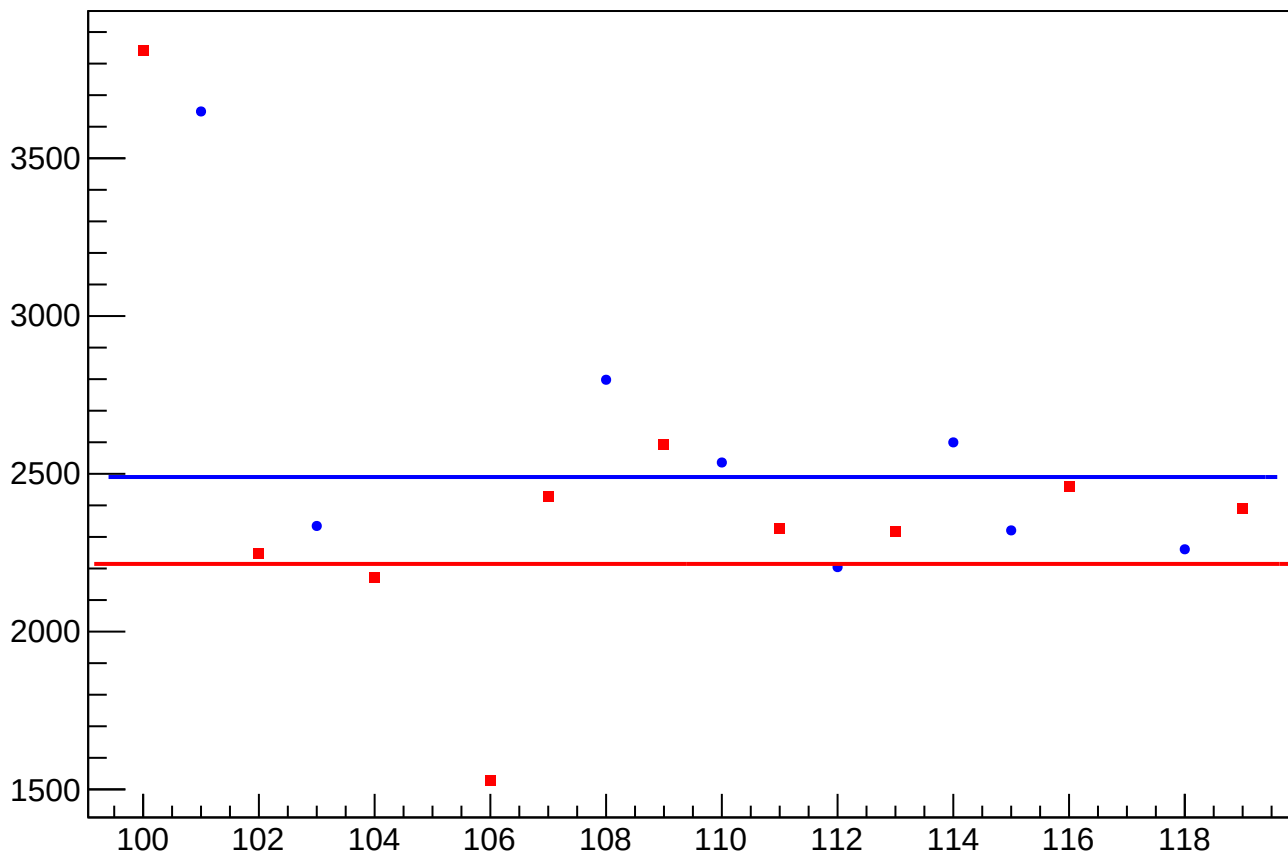
Right: 366.974+/-865.651 χ^2/NDF : 19.1/17

In: 1429.830+/-1389.261 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.974+/-865.651 χ^2/NDF : 19.1/17

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2489.881+/-0.982 χ^2/NDF : 172297.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2214.479+/-0.783 χ^2/NDF : 197593.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

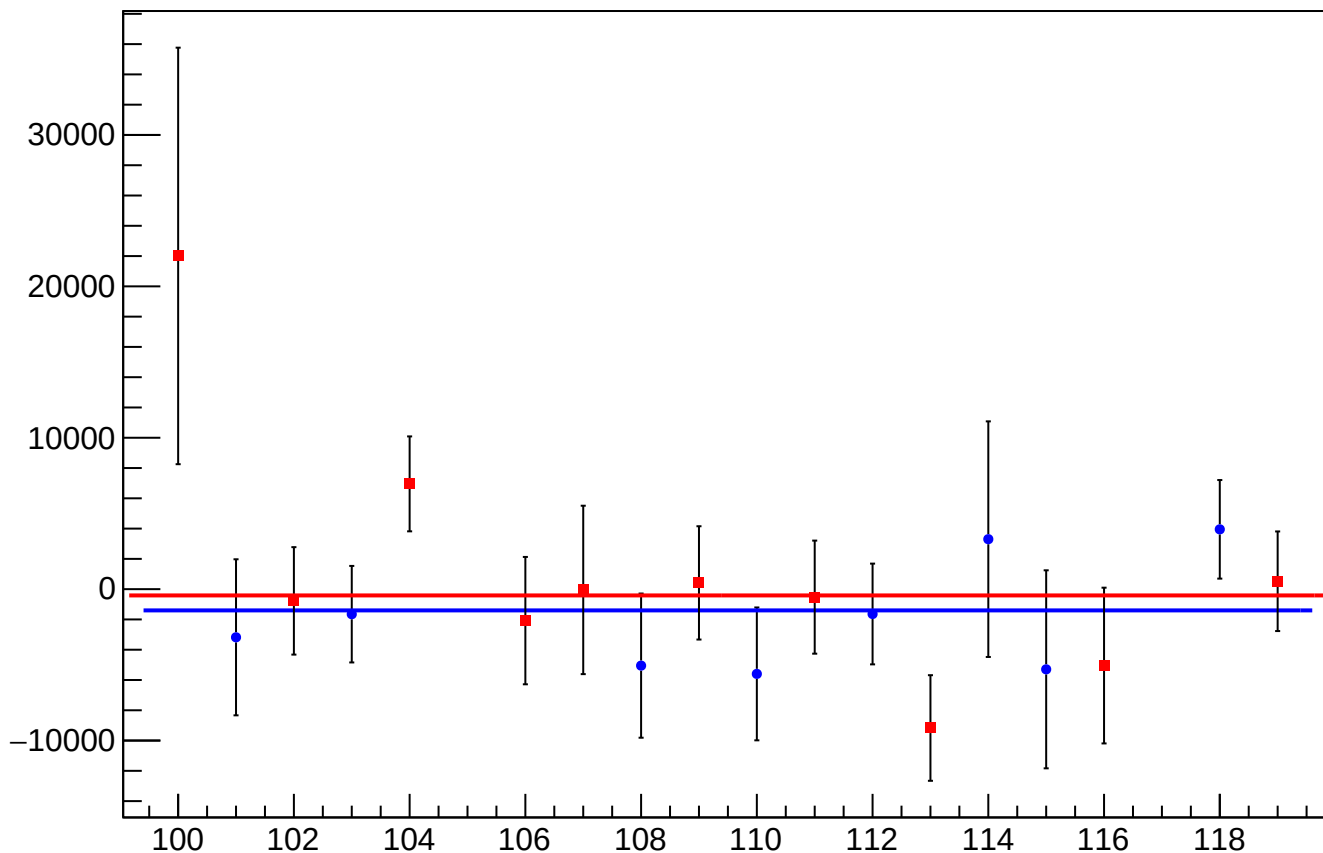
Right: 2321.405+/-0.612 χ^2/NDF : 417972.2/17

In: 2489.881+/-0.982 χ^2/NDF : 172297.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2321.405+/-0.612 χ^2/NDF : 417972.2/17

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -1403.088+/-1479.867 χ^2 /NDF: 5.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -414.255+/-1259.041 χ^2 /NDF: 15.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

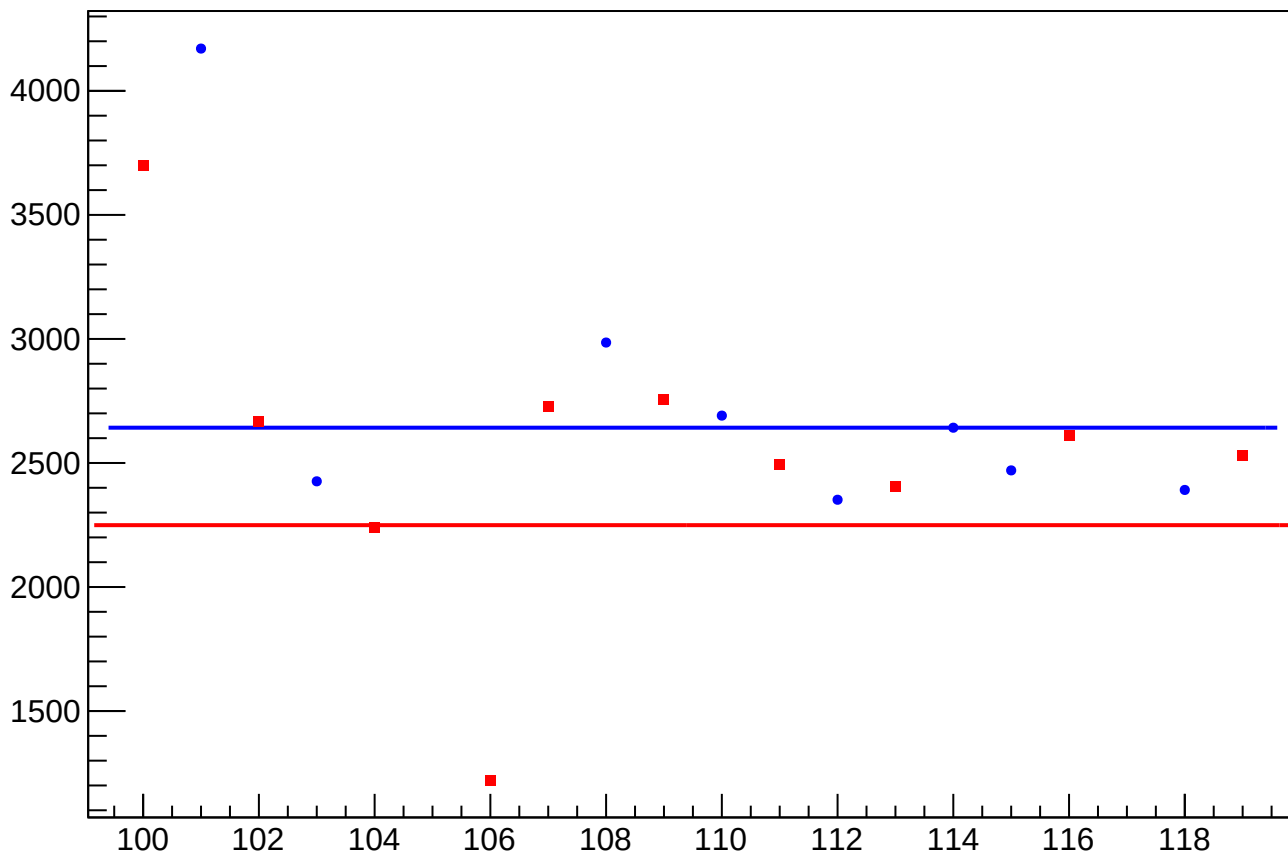
Right: -829.461+/-958.944 χ^2 /NDF: 20.9/17

In: -1403.088+/-1479.867 χ^2 /NDF:5.1/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -829.461+/-958.944 χ^2 /NDF: 20.9/17

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2642.268 $\pm$ 1.046 χ^2 /NDF: 224205.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2249.333 $\pm$ 0.827 χ^2 /NDF: 471027.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

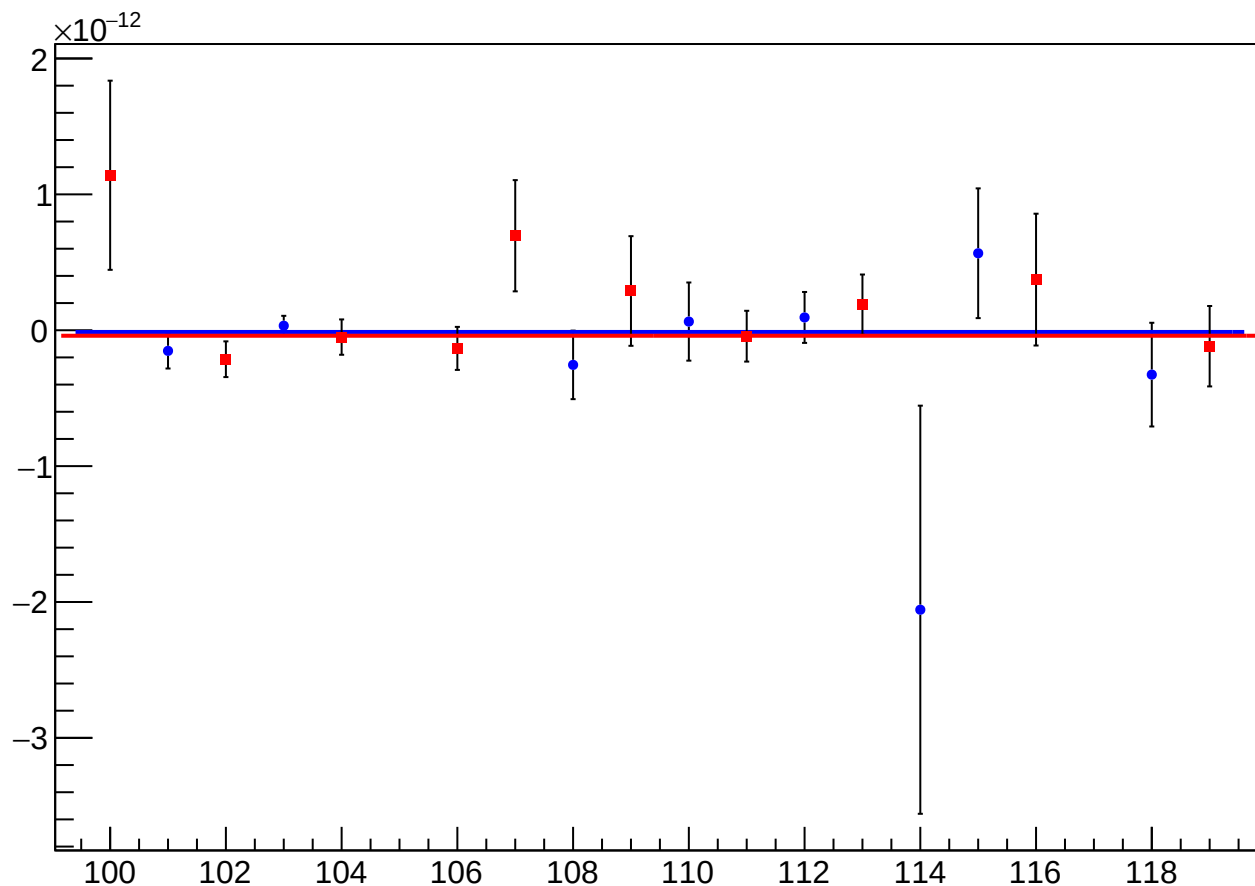
Right: 2400.373 $\pm$ 0.649 χ^2 /NDF: 782035.0/17

In: 2642.268 $\pm$ 1.046 χ^2 /NDF: 224205.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2400.373 $\pm$ 0.649 χ^2 /NDF: 782035.0/17

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

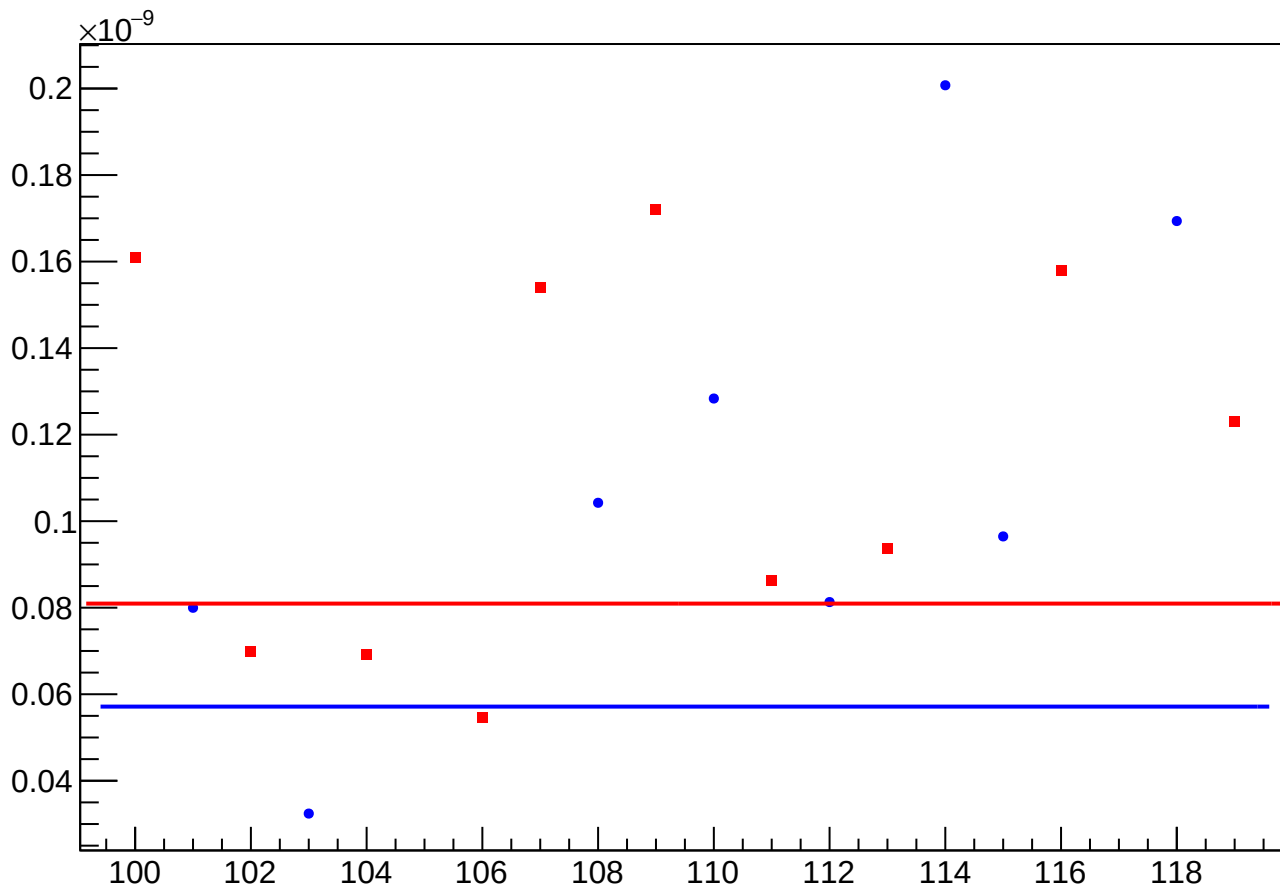
Right: -0.000+/-0.000 χ^2/NDF : 17.7/17

In: -0.000+/-0.000 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/17

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 722514.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 377315.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

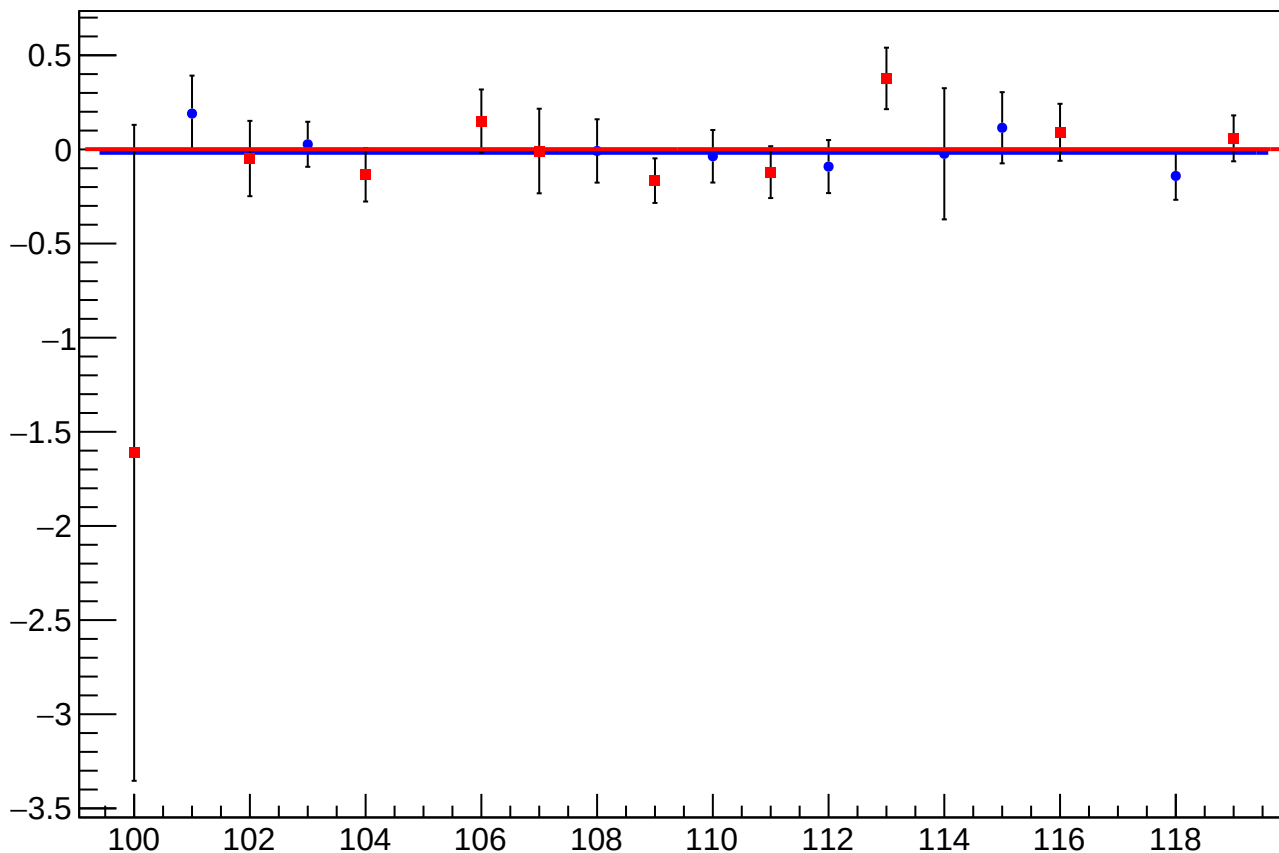
Right: 0.000+/-0.000 χ^2/NDF : 1252765.5/17

In: 0.000+/-0.000 χ^2/NDF : 722514.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1252765.5/17

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.050 χ^2/NDF : 11.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

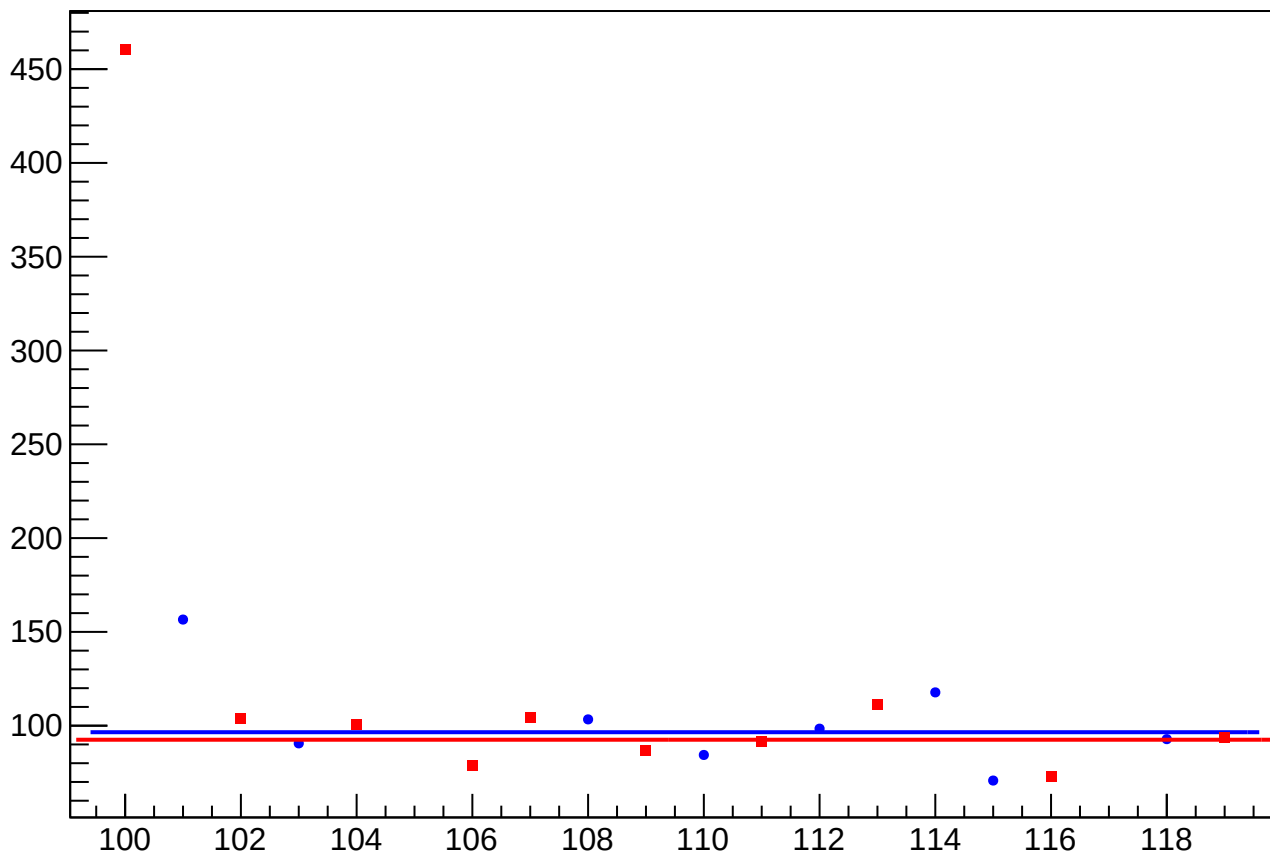
Right: -0.007 ± 0.037 χ^2/NDF : 14.3/17

In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.037 χ^2/NDF : 14.3/17

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.525 ± 0.039 $\chi^2/\text{NDF}: 247496.1/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 92.512 ± 0.035 $\chi^2/\text{NDF}: 184744.7/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

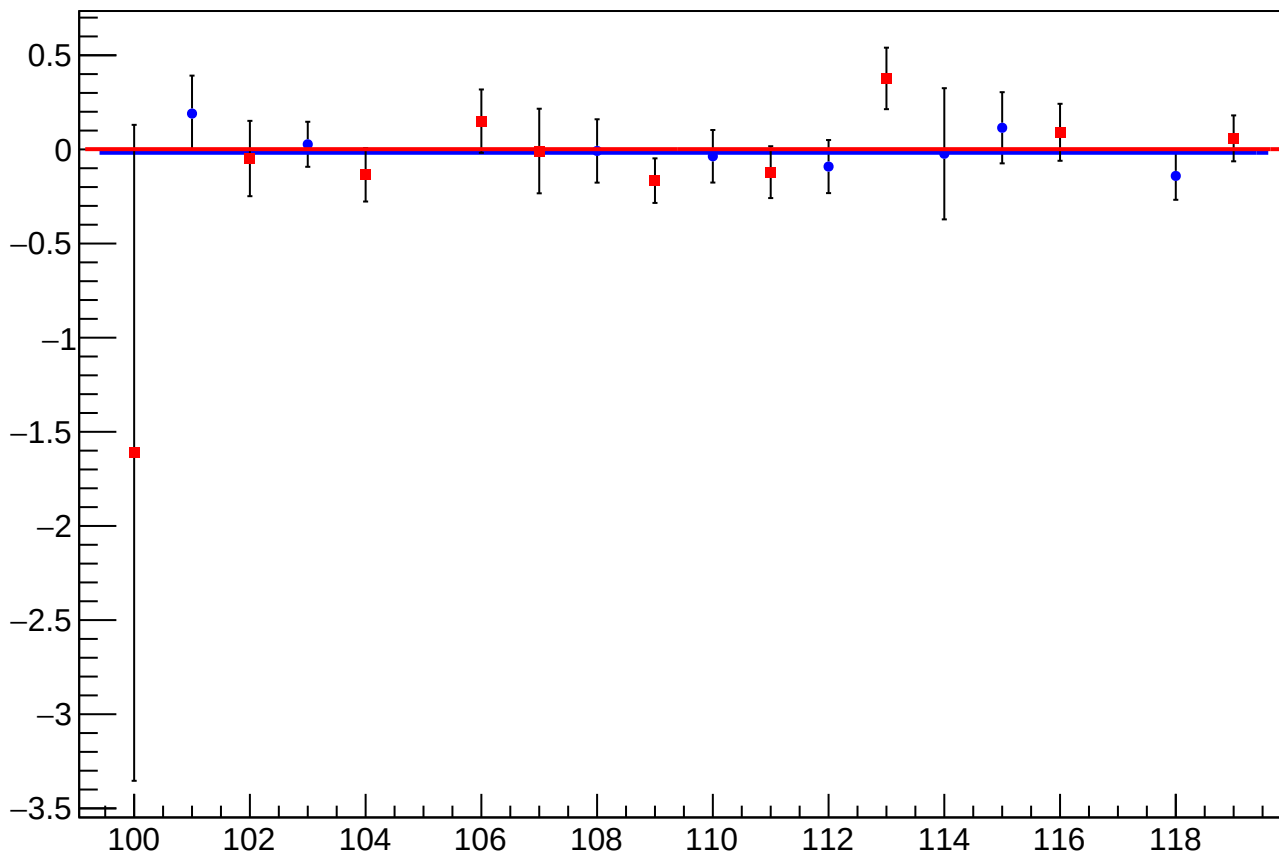
Right: 94.319 ± 0.026 $\chi^2/\text{NDF}: 438080.5/17$

In: 96.525 ± 0.039 $\chi^2/\text{NDF}: 247496.1/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 94.319 ± 0.026 $\chi^2/\text{NDF}: 438080.5/17$

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.050 χ^2/NDF : 11.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

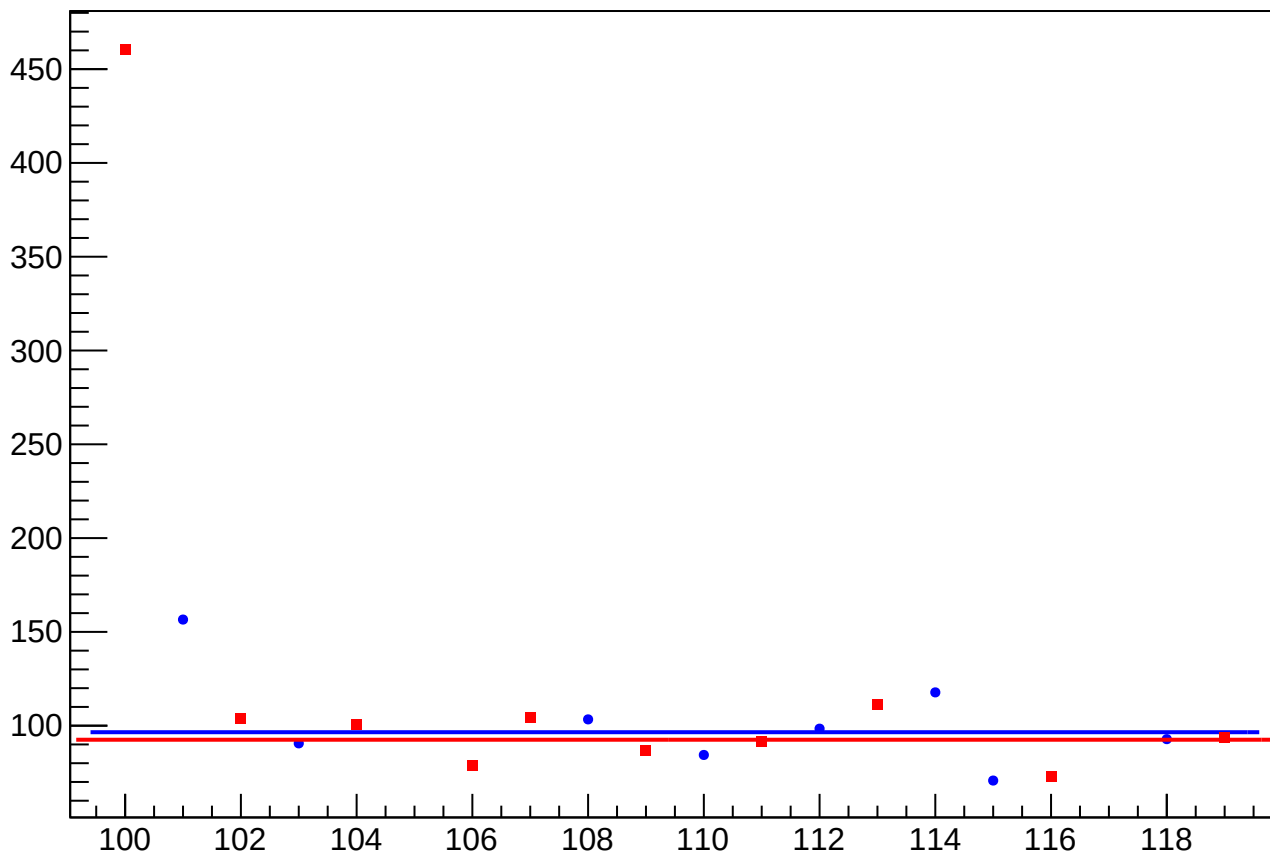
Right: -0.007 ± 0.037 χ^2/NDF : 14.3/17

In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.037 χ^2/NDF : 14.3/17

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.525+/-0.039 χ^2/NDF : 247496.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.512+/-0.035 χ^2/NDF : 184744.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

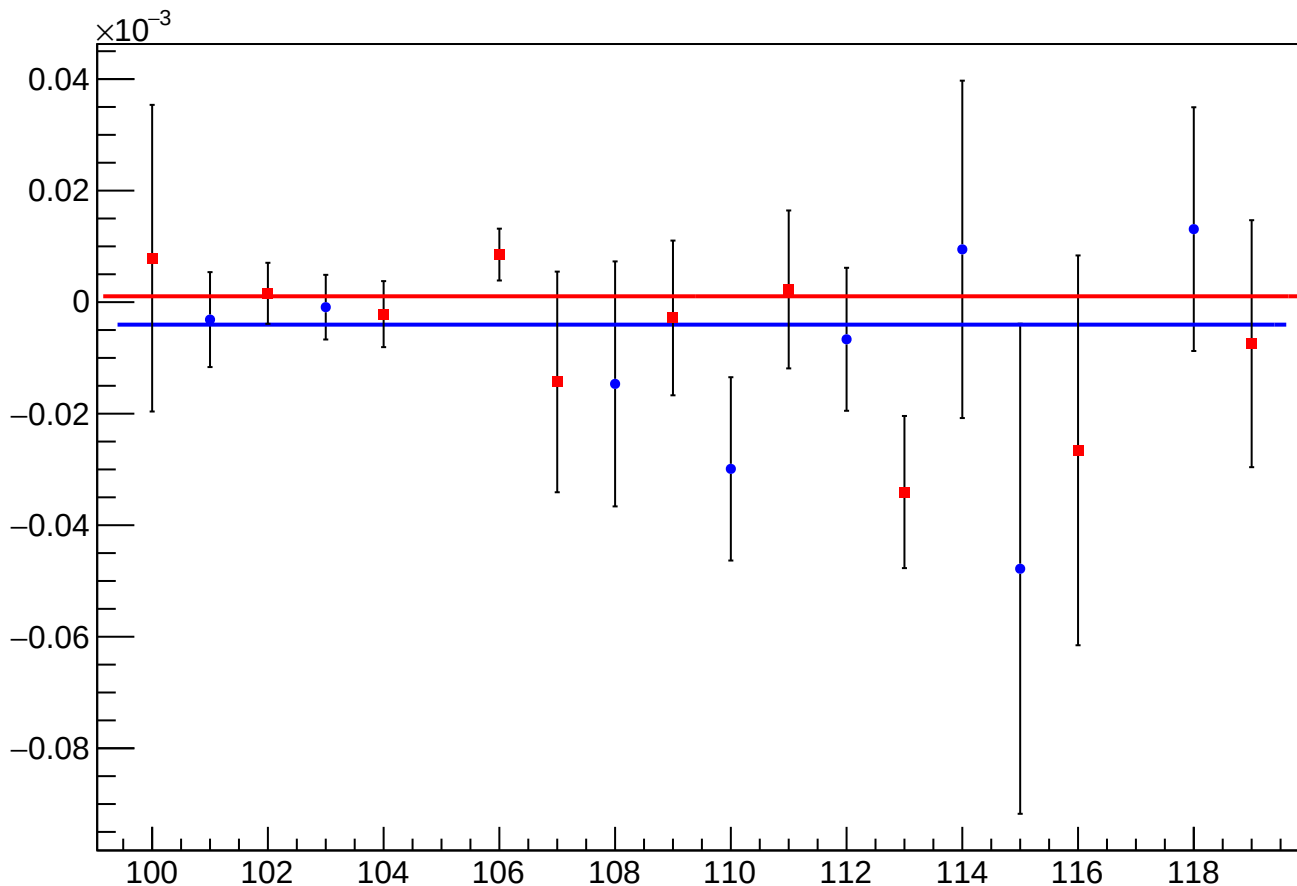
Right: 94.319+/-0.026 χ^2/NDF : 438080.5/17

In: 96.525+/-0.039 χ^2/NDF : 247496.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.319+/-0.026 χ^2/NDF : 438080.5/17

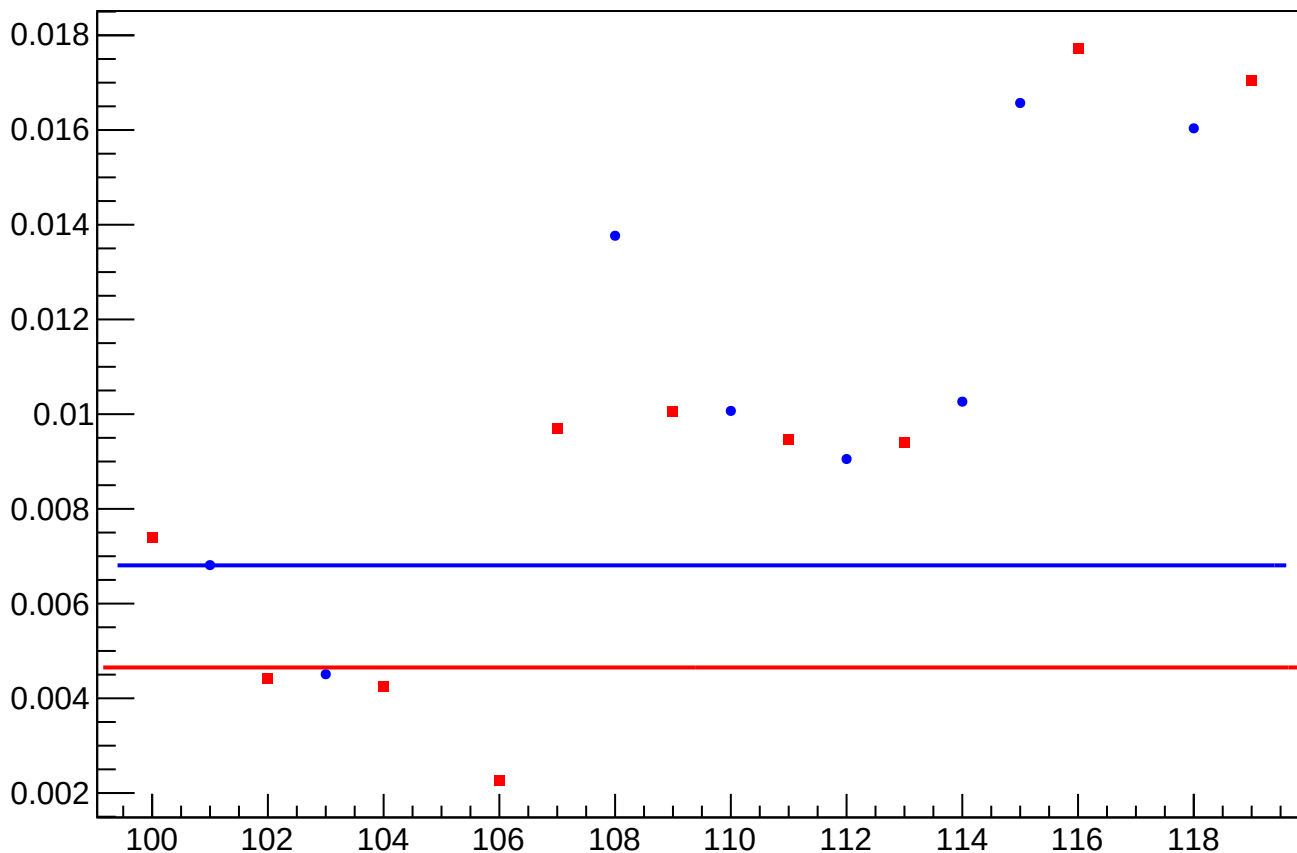
asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/9
 Left In: 0.000 $\pm$ 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: 16.9/17
 In: -0.000 $\pm$ 0.000 χ^2 /NDF:4.9/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/17

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1136823.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2373136.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

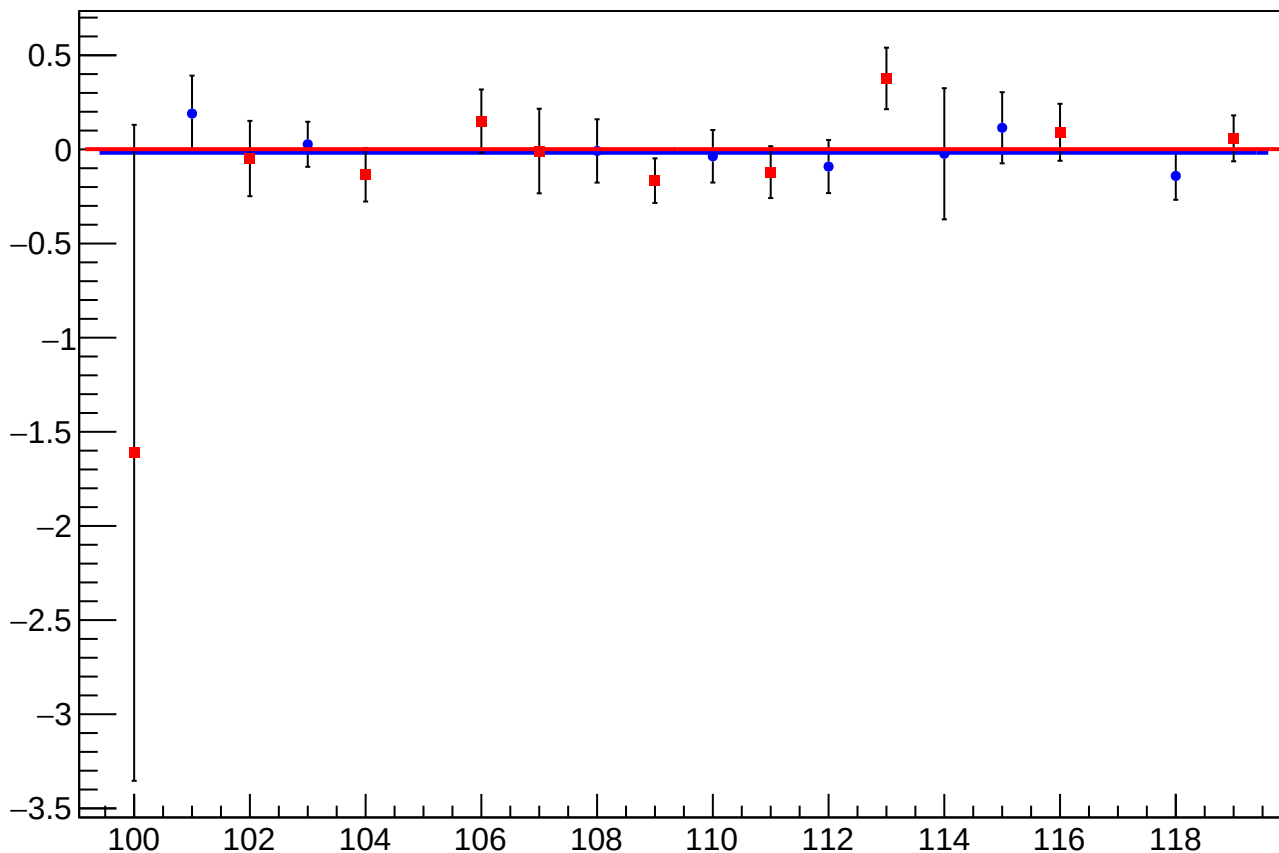
Right: 0.005+/-0.000 χ^2/NDF : 3888278.6/17

In: 0.007+/-0.000 χ^2/NDF : 1136823.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3888278.6/17

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.050 χ^2/NDF : 11.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

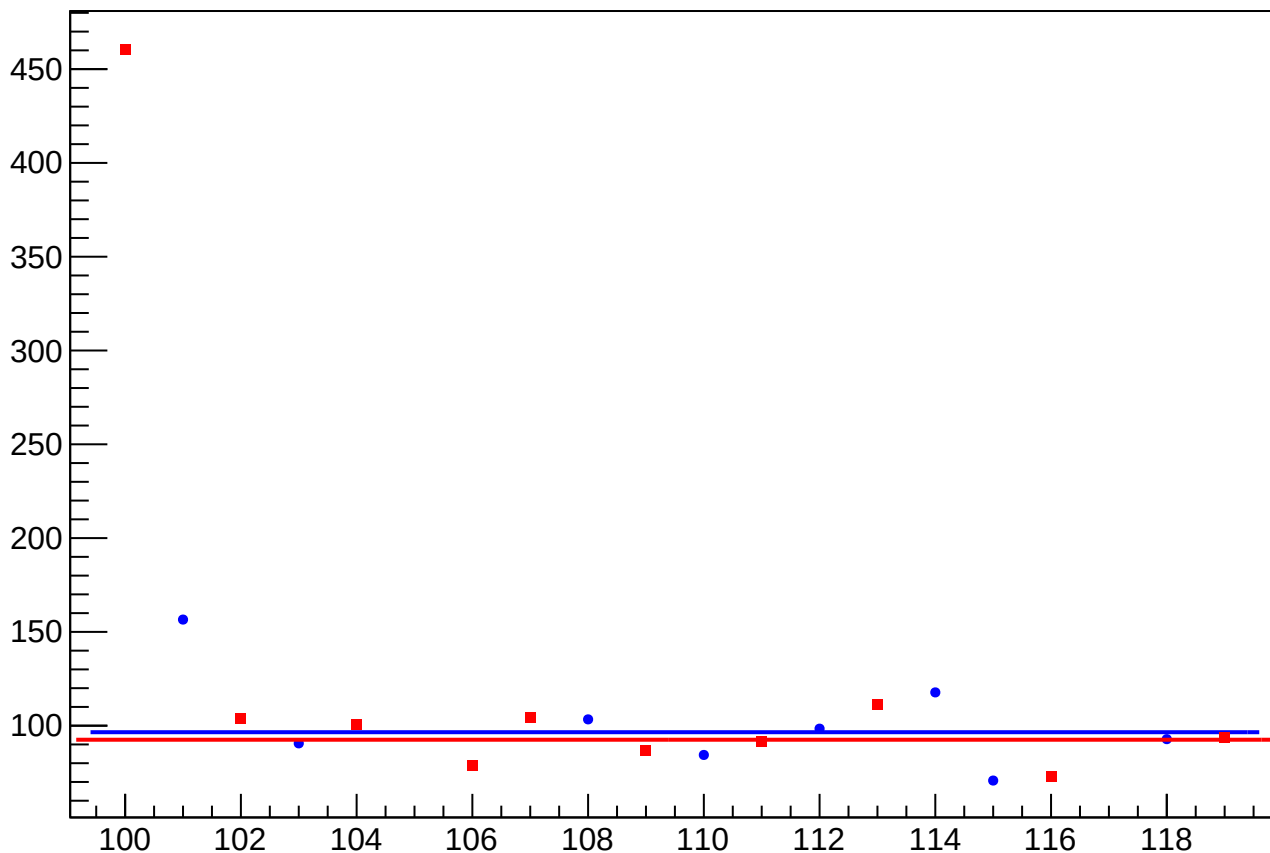
Right: -0.007 ± 0.037 χ^2/NDF : 14.3/17

In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.037 χ^2/NDF : 14.3/17

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.527+/-0.039 χ^2/NDF : 247471.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.514+/-0.035 χ^2/NDF : 184698.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

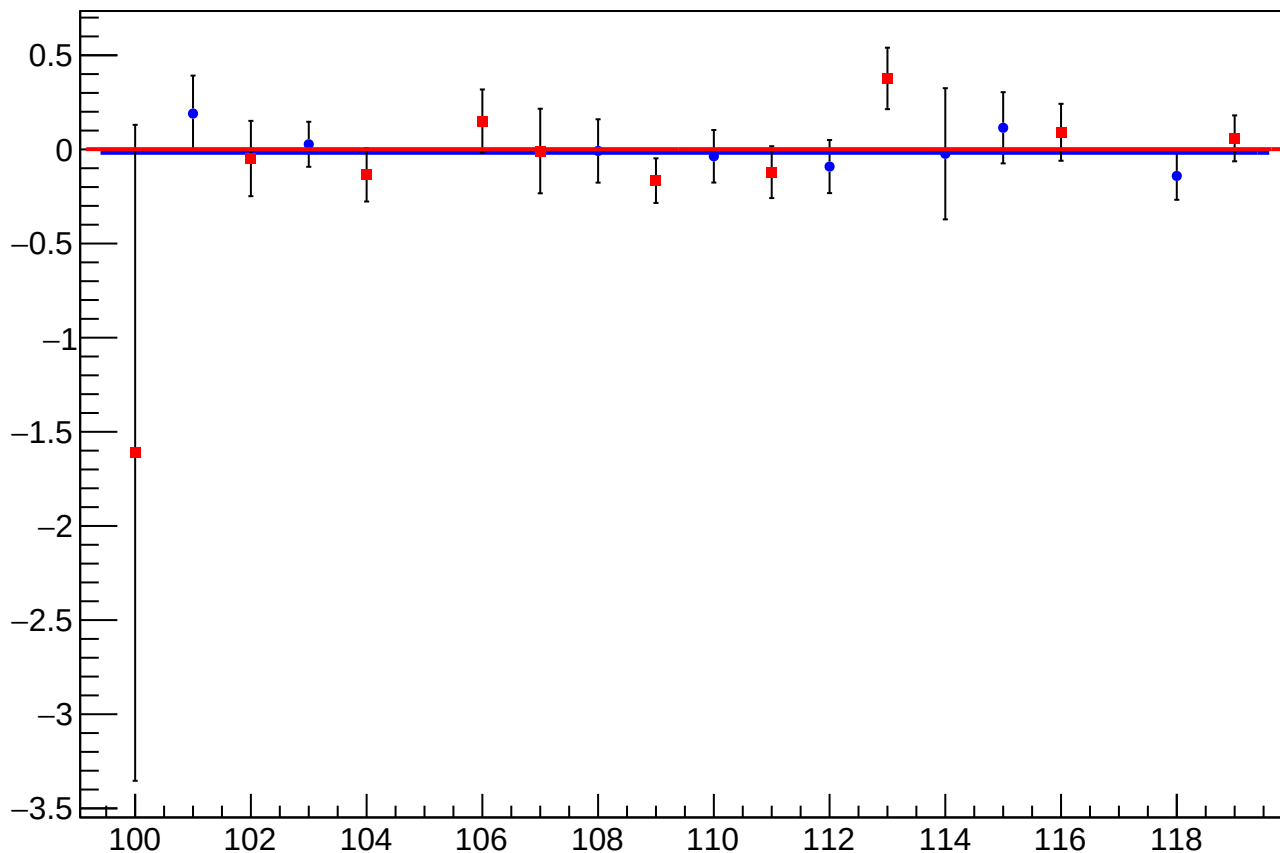
Right: 94.321+/-0.026 χ^2/NDF : 438008.6/17

In: 96.527+/-0.039 χ^2/NDF : 247471.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.321+/-0.026 χ^2/NDF : 438008.6/17

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.050 χ^2/NDF : 11.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

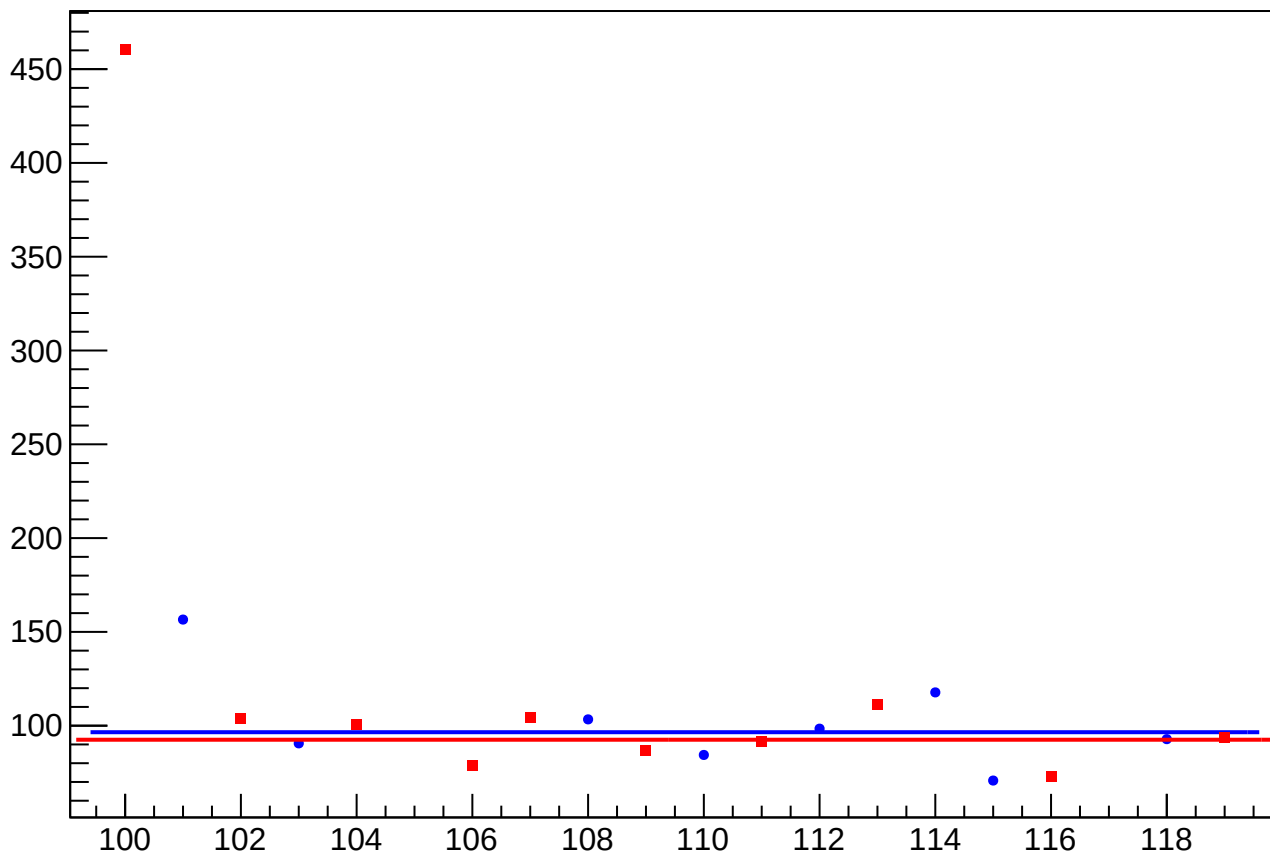
Right: -0.007 ± 0.037 χ^2/NDF : 14.3/17

In: -0.018 ± 0.055 χ^2/NDF : 2.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.037 χ^2/NDF : 14.3/17

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 96.527+/-0.039 χ^2/NDF : 247471.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.514+/-0.035 χ^2/NDF : 184698.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

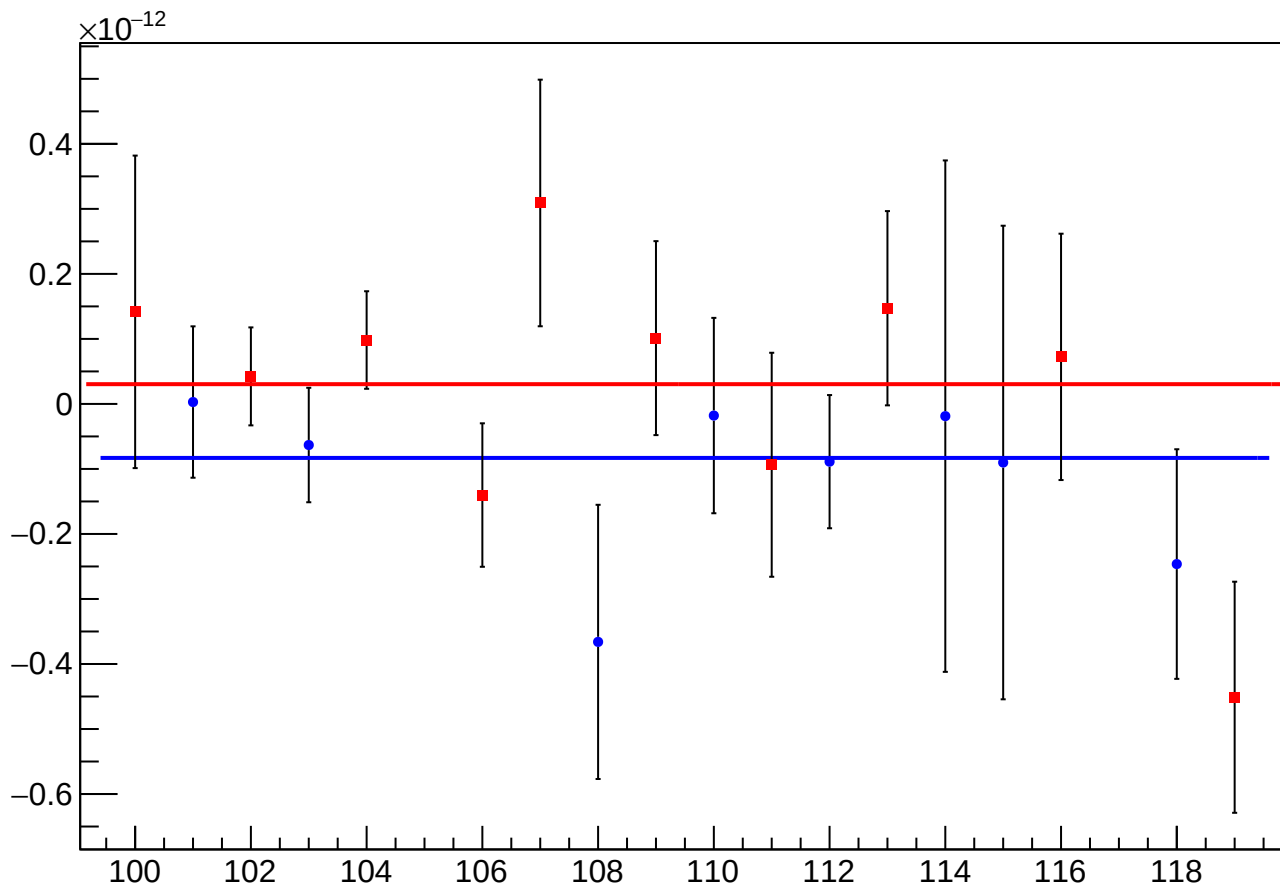
Right: 94.321+/-0.026 χ^2/NDF : 438008.6/17

In: 96.527+/-0.039 χ^2/NDF : 247471.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.321+/-0.026 χ^2/NDF : 438008.6/17

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

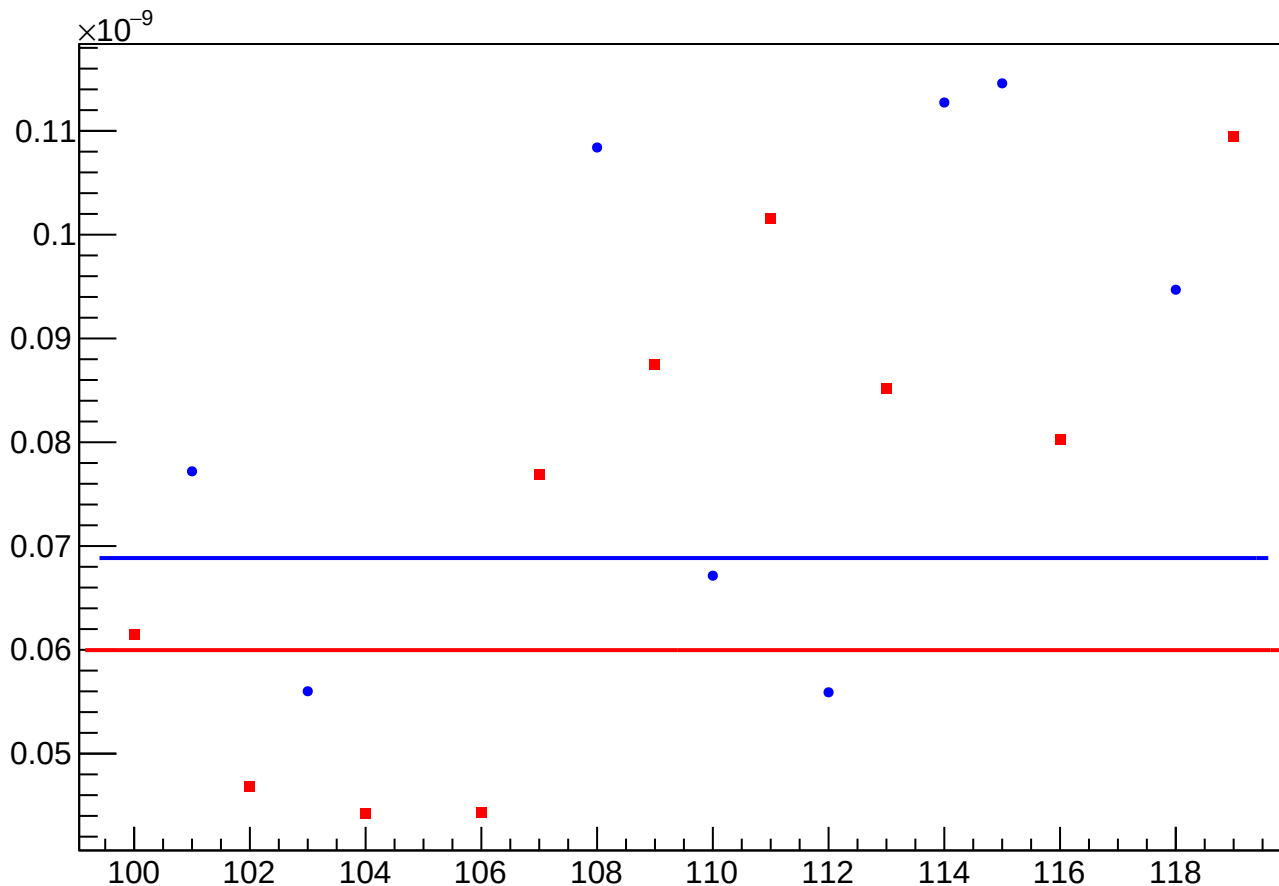
Right: -0.000+/-0.000 χ^2/NDF : 21.1/17

In: -0.000+/-0.000 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.1/17

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 254644.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 623862.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

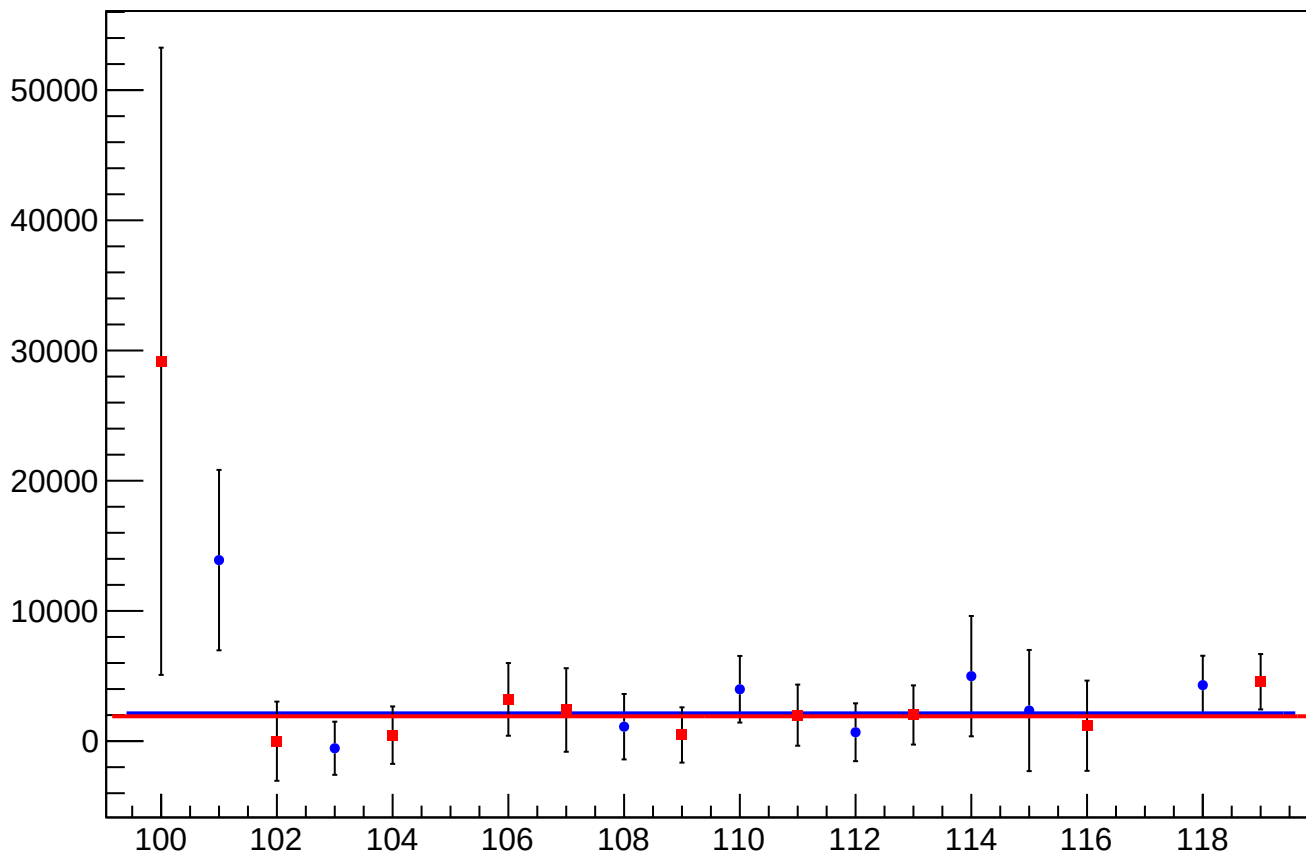
Right: 0.000+/-0.000 χ^2/NDF : 918463.8/17

In: 0.000+/-0.000 χ^2/NDF : 254644.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 918463.8/17

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2131.266+/-969.090 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1907.108+/-832.720 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

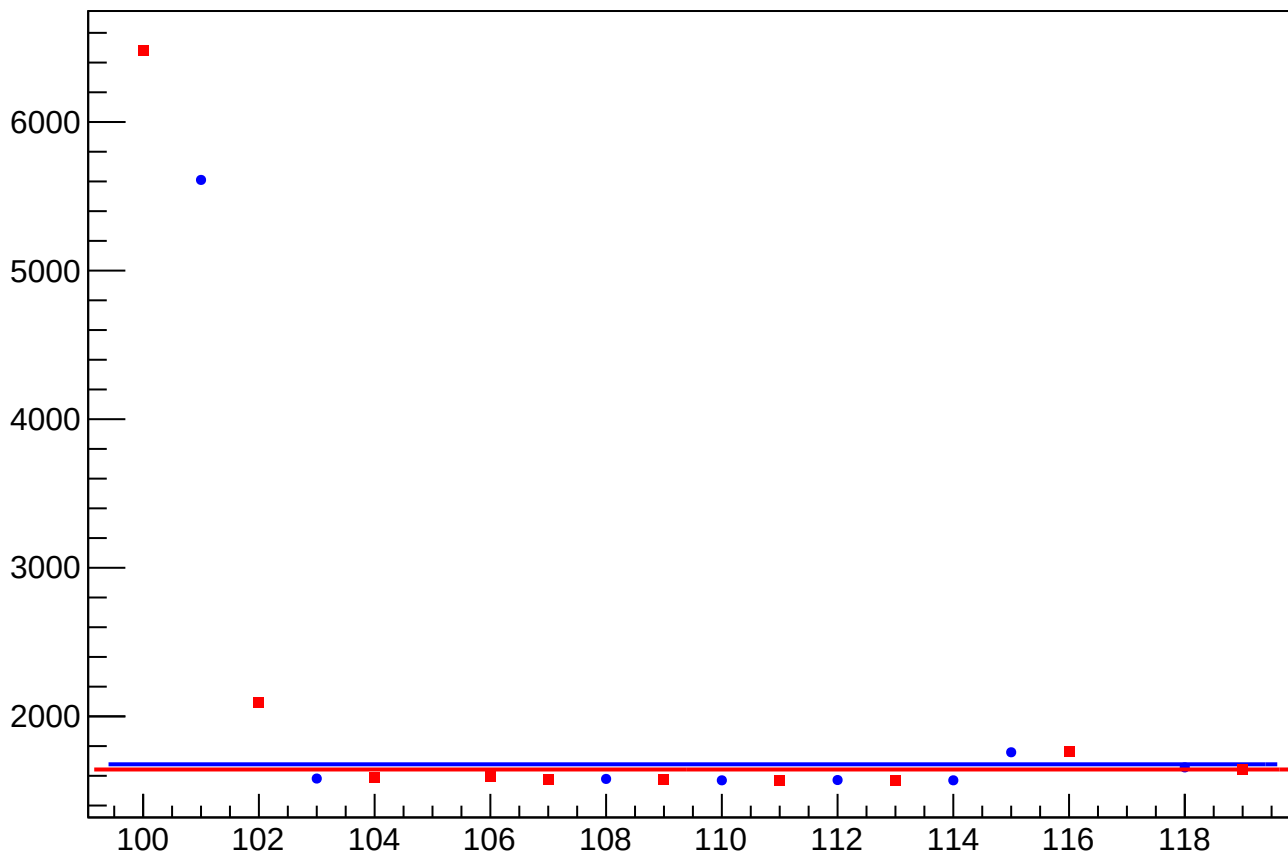
Right: 2002.318+/-631.580 χ^2/NDF : 11.5/17

In: 2131.266+/-969.090 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2002.318+/-631.580 χ^2/NDF : 11.5/17

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1677.468+/-0.685 χ^2/NDF : 661784.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1642.549+/-0.589 χ^2/NDF : 136337.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

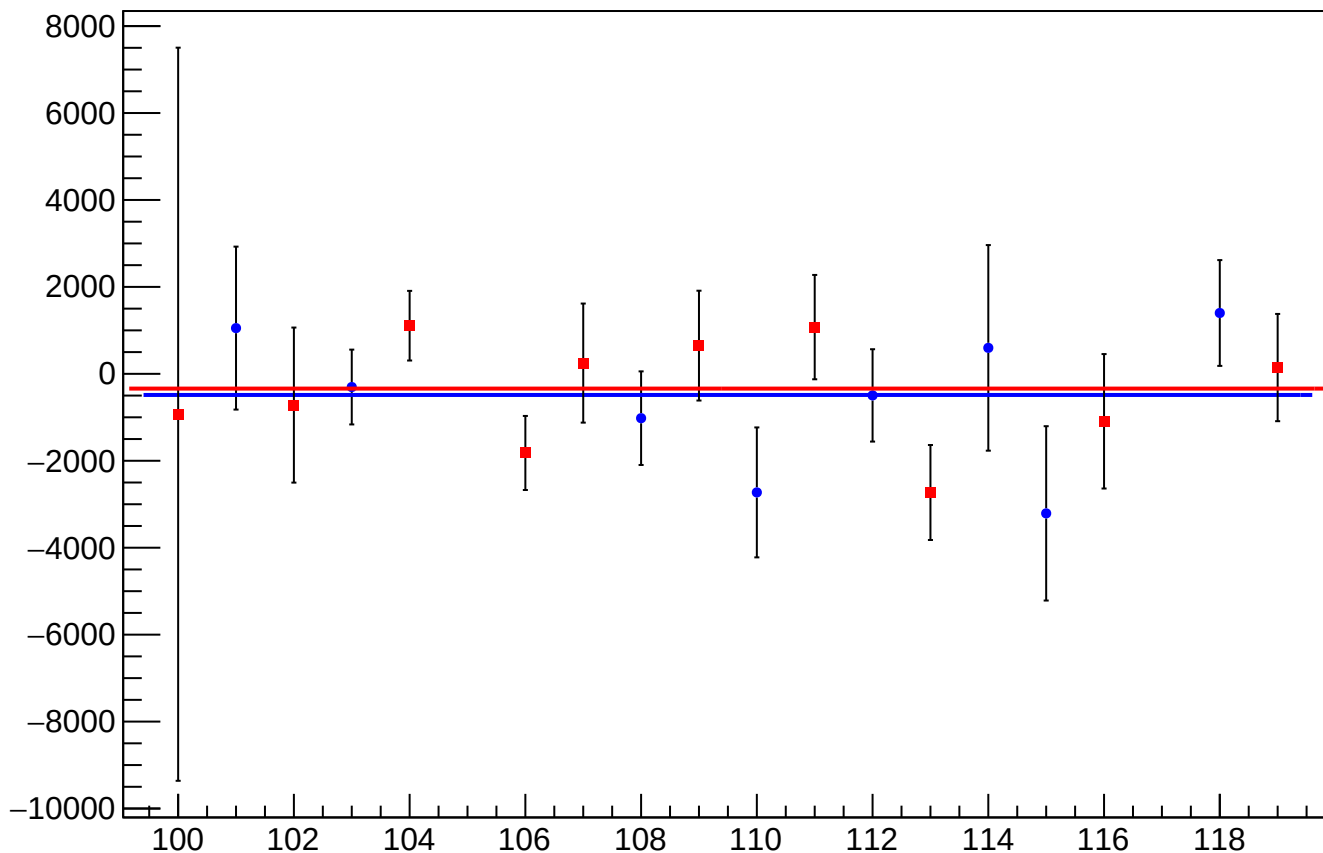
Right: 1657.381+/-0.447 χ^2/NDF : 799615.1/17

In: 1677.468+/-0.685 χ^2/NDF : 661784.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.381+/-0.447 χ^2/NDF : 799615.1/17

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -485.787+/-450.194 χ^2/NDF : 7.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.390+/-377.109 χ^2/NDF : 13.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

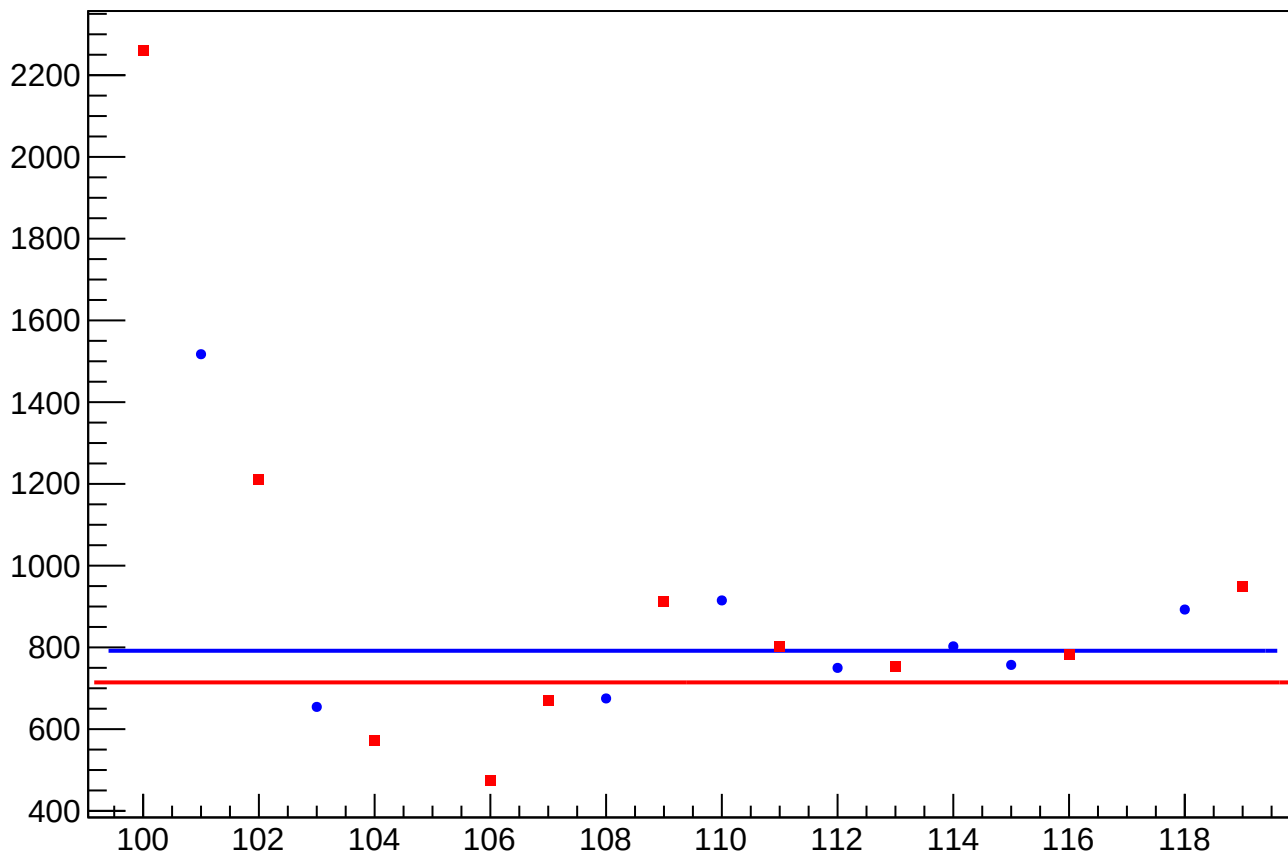
Right: -399.756+/-289.087 χ^2/NDF : 21.4/17

In: -485.787+/-450.194 χ^2/NDF : 7.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -399.756+/-289.087 χ^2/NDF : 21.4/17

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 791.747+/-0.318 χ^2/NDF : 405153.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 714.360+/-0.267 χ^2/NDF : 584178.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

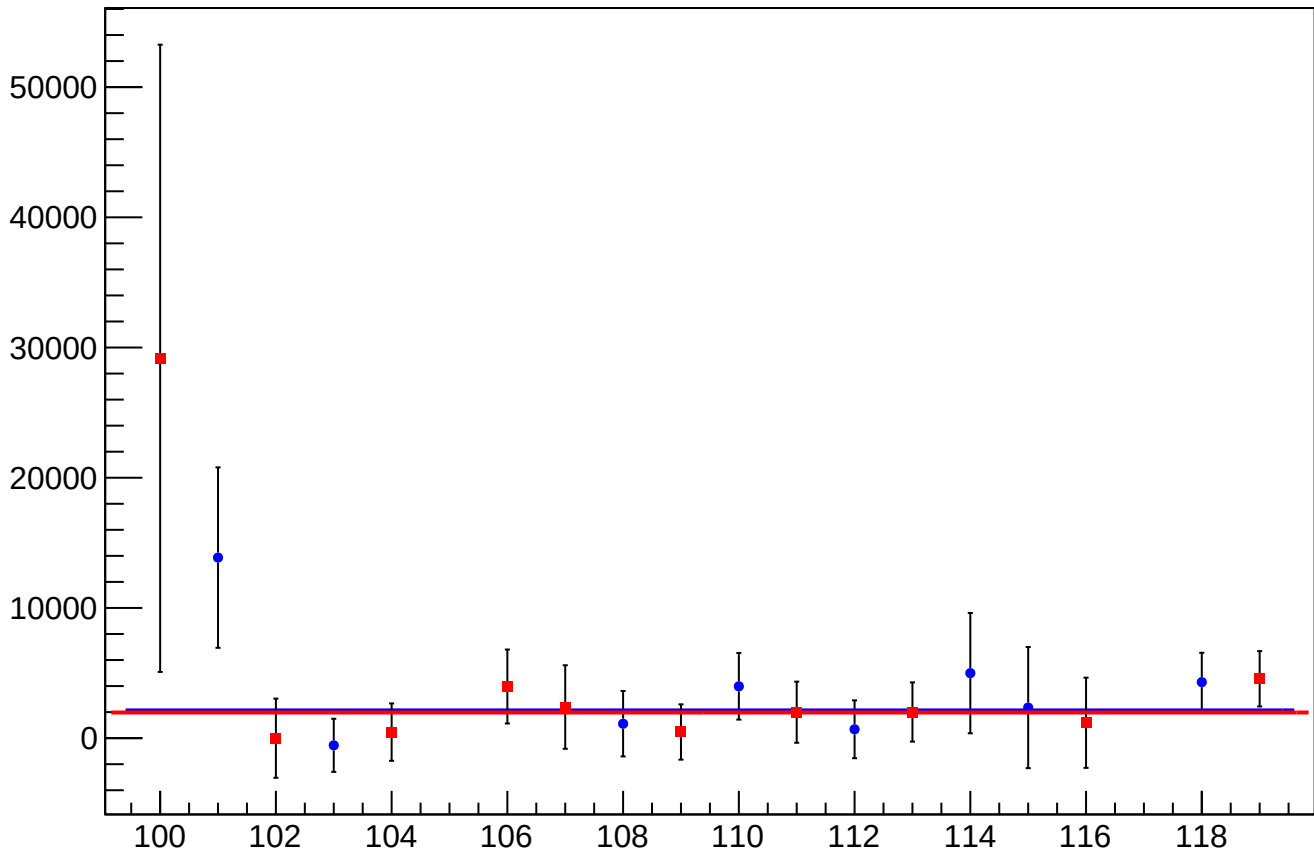
Right: 746.270+/-0.204 χ^2/NDF : 1024060.4/17

In: 791.747+/-0.318 χ^2/NDF :405153.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 746.270+/-0.204 χ^2/NDF : 1024060.4/17

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2130.151+/-969.090 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.610+/-833.998 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

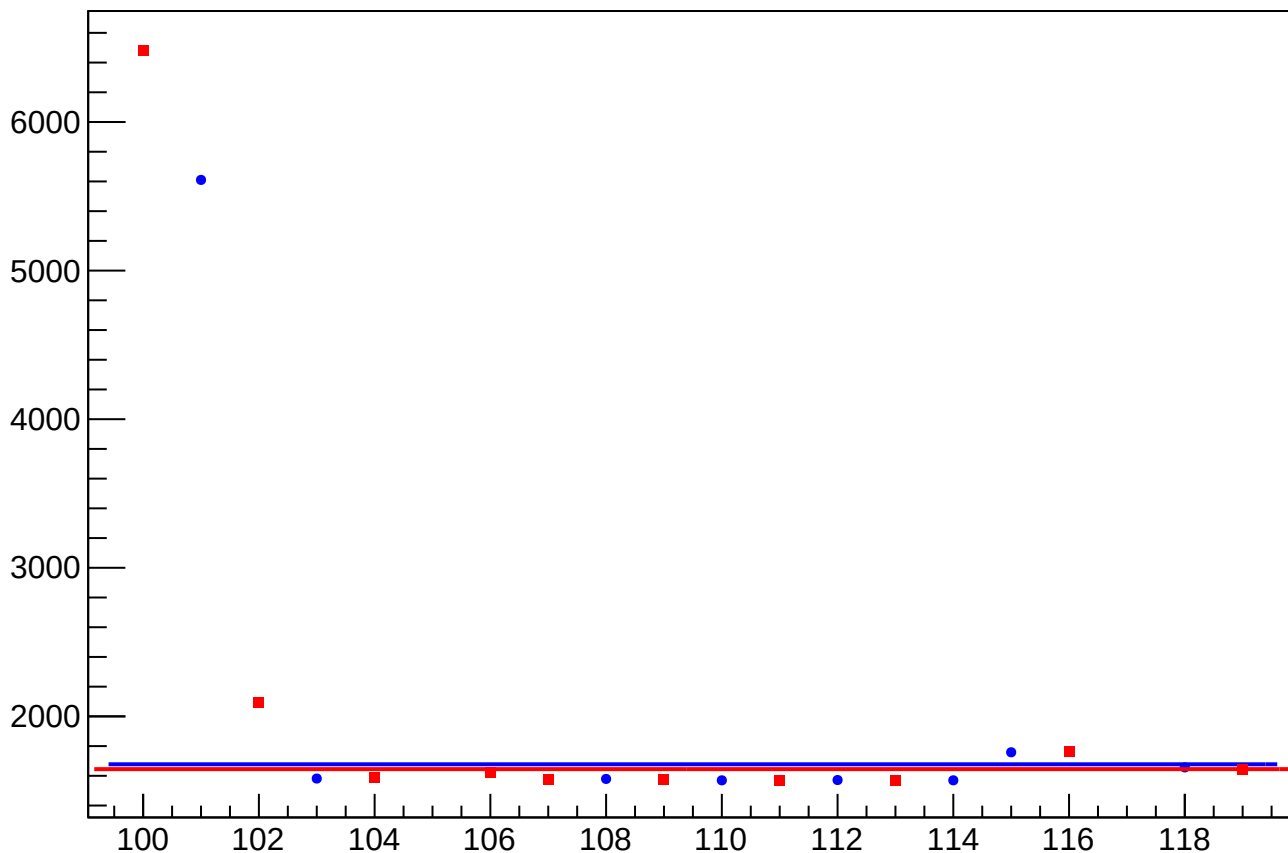
Right: 2037.920+/-632.138 χ^2/NDF : 11.7/17

In: 2130.151+/-969.090 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2037.920+/-632.138 χ^2/NDF : 11.7/17

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1677.468+/-0.685 χ^2/NDF : 661784.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.984+/-0.590 χ^2/NDF : 135826.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

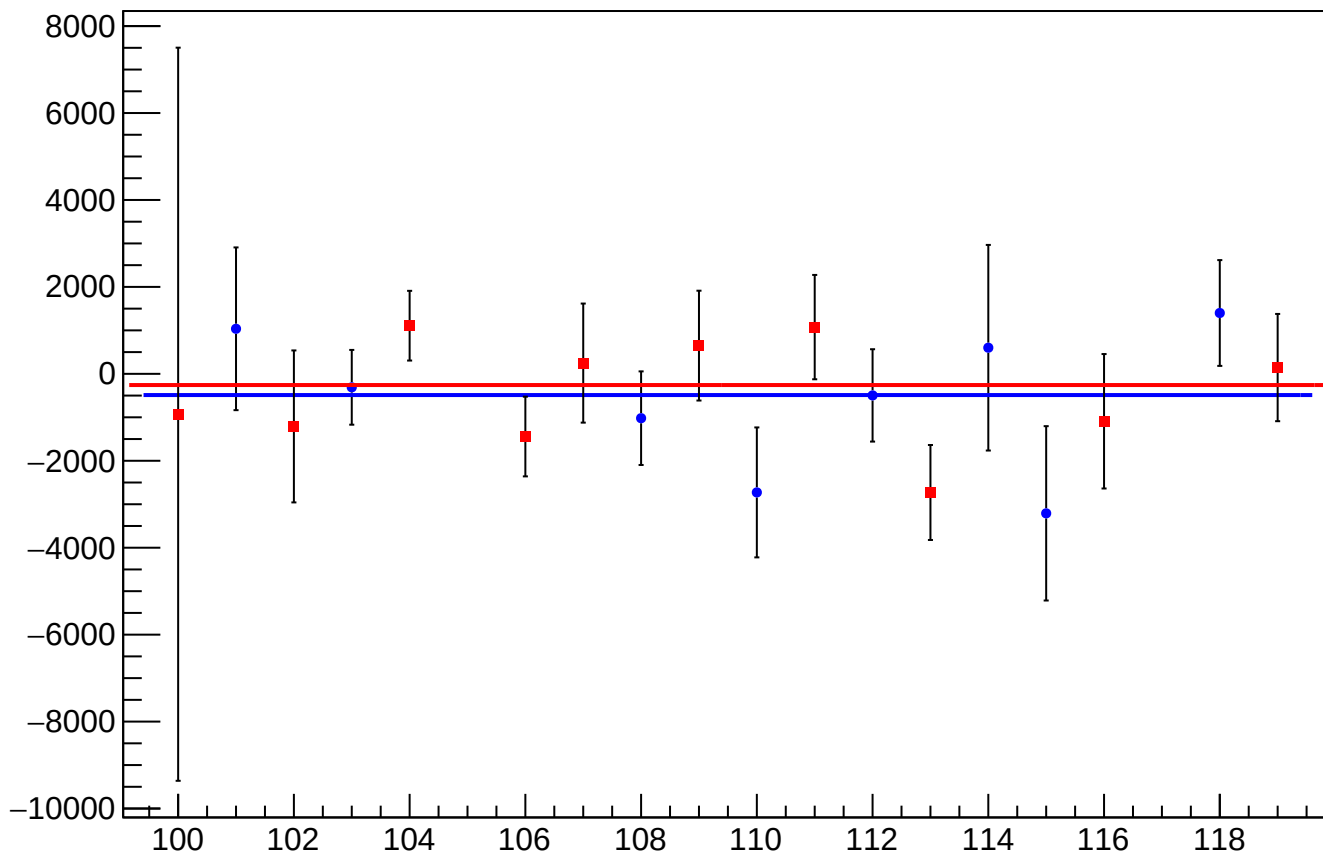
Right: 1658.806+/-0.447 χ^2/NDF : 798901.6/17

In: 1677.468+/-0.685 χ^2/NDF : 661784.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.806+/-0.447 χ^2/NDF : 798901.6/17

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -488.010+/-450.090 χ^2/NDF : 7.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.735+/-381.989 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

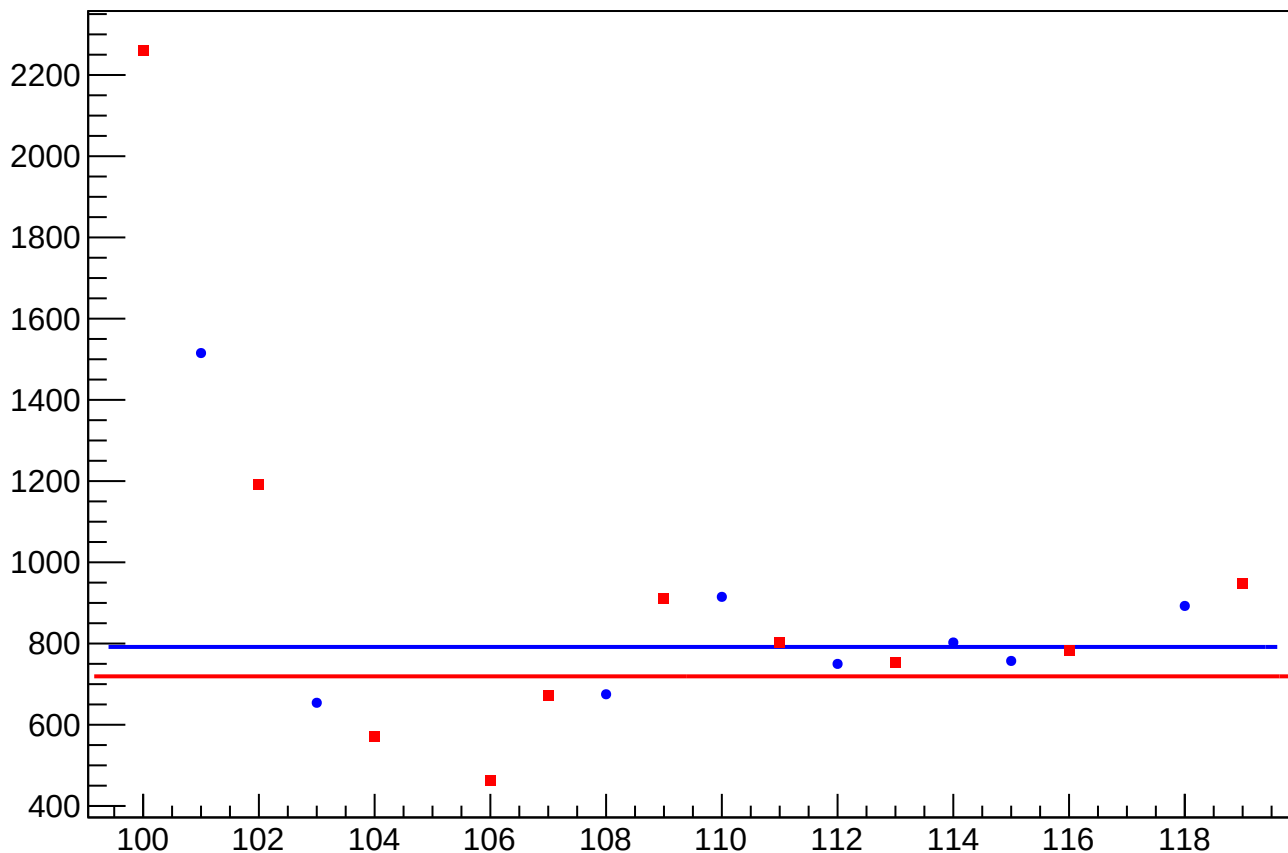
Right: -354.151+/-291.240 χ^2/NDF : 20.1/17

In: -488.010+/-450.090 χ^2/NDF : 7.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.151+/-291.240 χ^2/NDF : 20.1/17

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 791.619+/-0.318 χ^2/NDF : 404610.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.214+/-0.270 χ^2/NDF : 569259.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

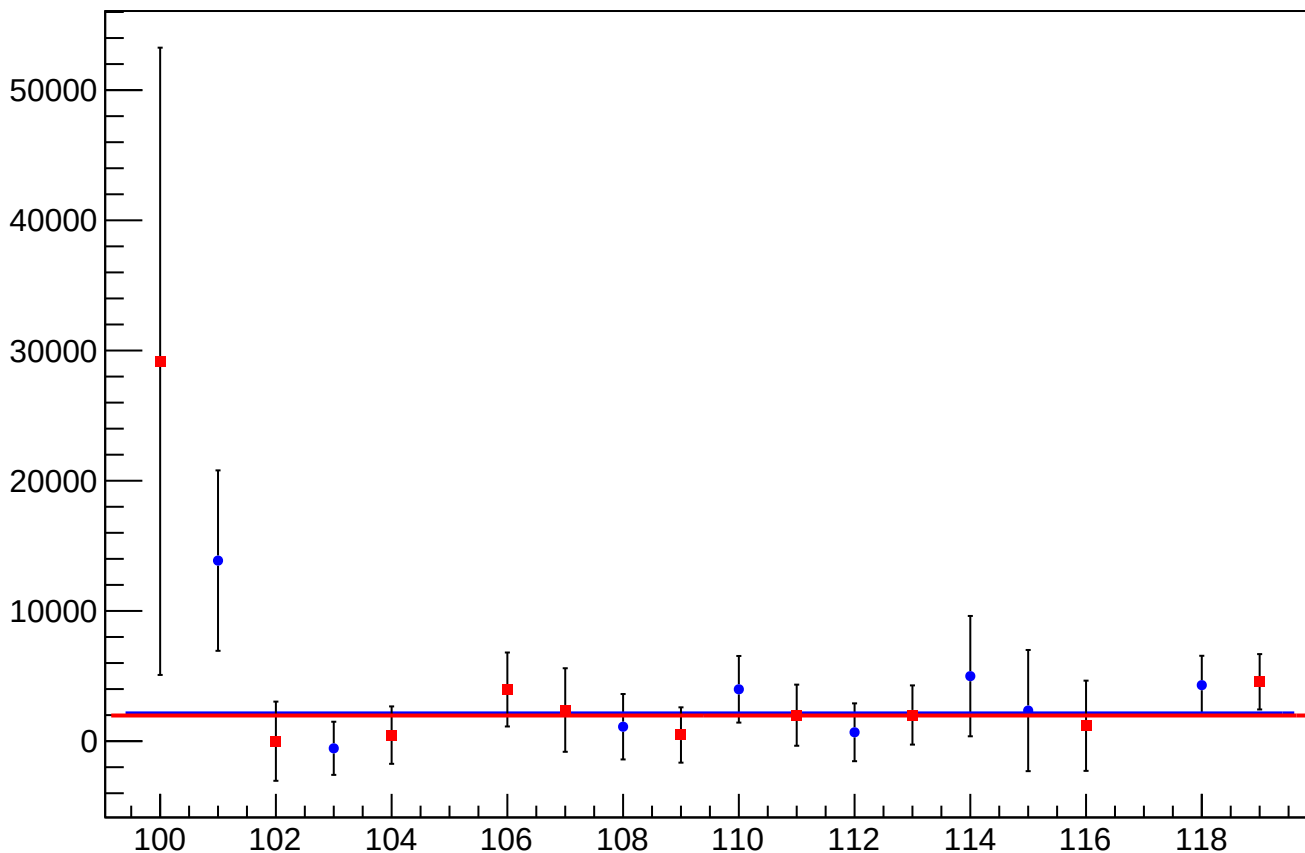
Right: 749.530+/-0.206 χ^2/NDF : 1003955.3/17

In: 791.619+/-0.318 χ^2/NDF : 404610.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.530+/-0.206 χ^2/NDF : 1003955.3/17

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2130.151+/-969.090 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1969.610+/-833.998 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

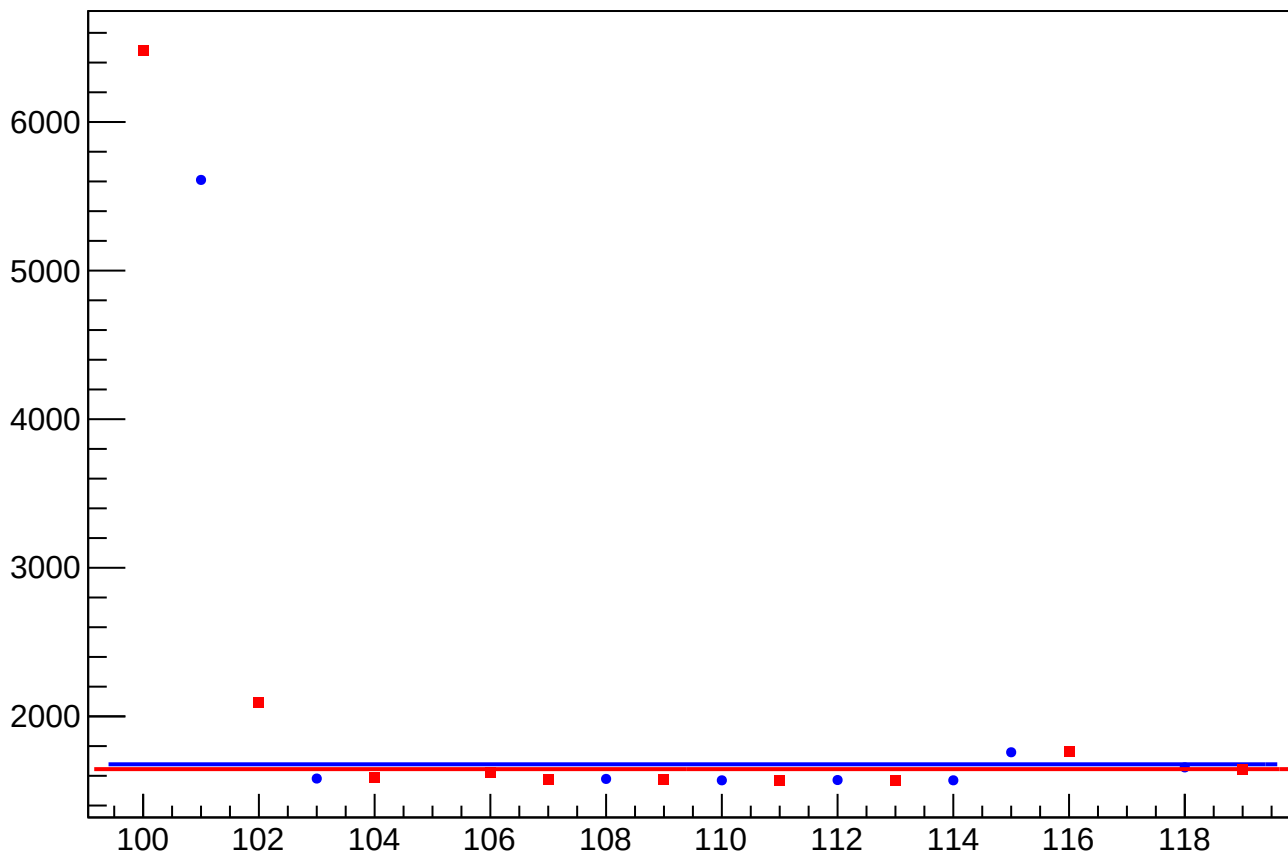
Right: 2037.920+/-632.138 χ^2/NDF : 11.7/17

In: 2130.151+/-969.090 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2037.920+/-632.138 χ^2/NDF : 11.7/17

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1677.468+/-0.685 χ^2/NDF : 661784.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.984+/-0.590 χ^2/NDF : 135826.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

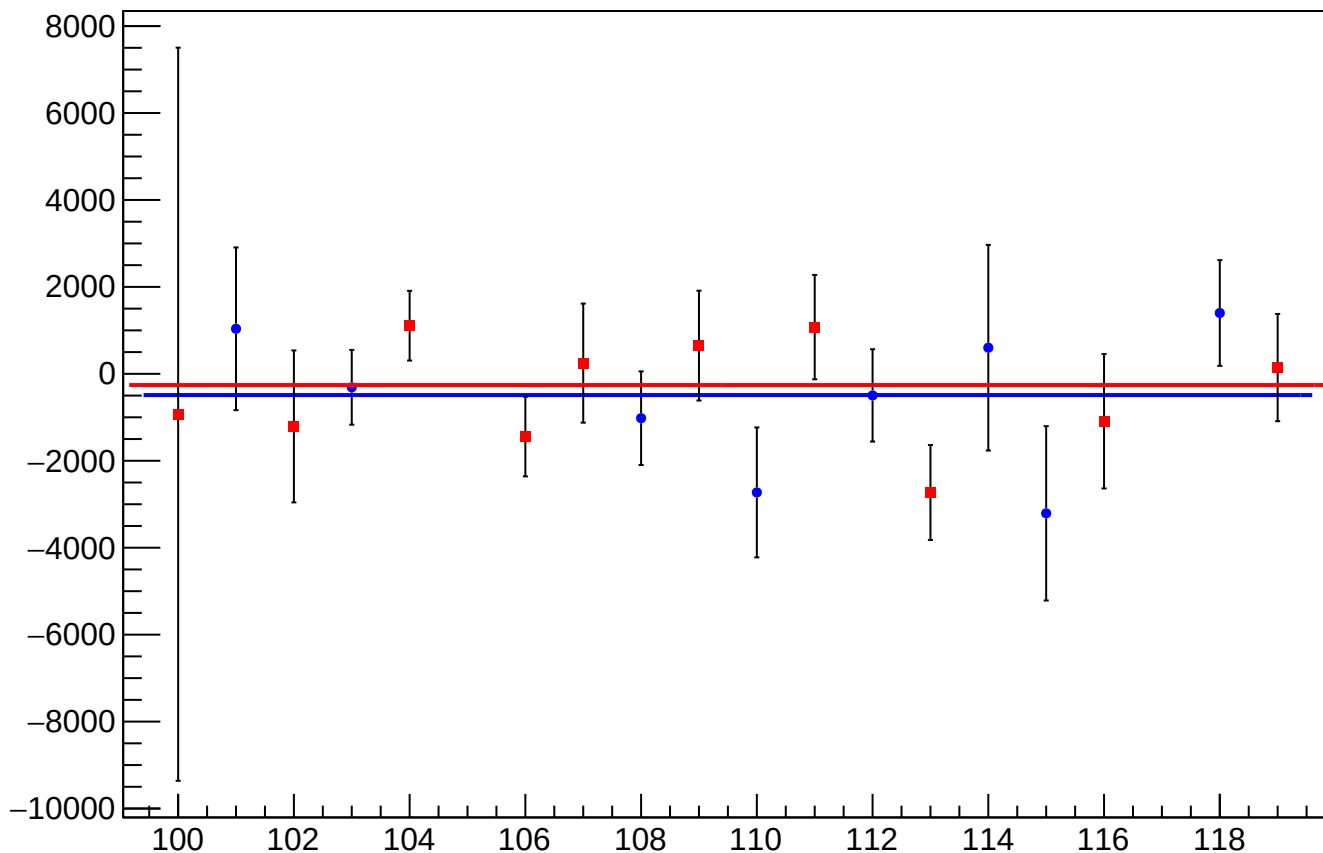
Right: 1658.806+/-0.447 χ^2/NDF : 798901.6/17

In: 1677.468+/-0.685 χ^2/NDF : 661784.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.806+/-0.447 χ^2/NDF : 798901.6/17

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -488.010+/-450.090 χ^2/NDF : 7.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -257.735+/-381.989 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

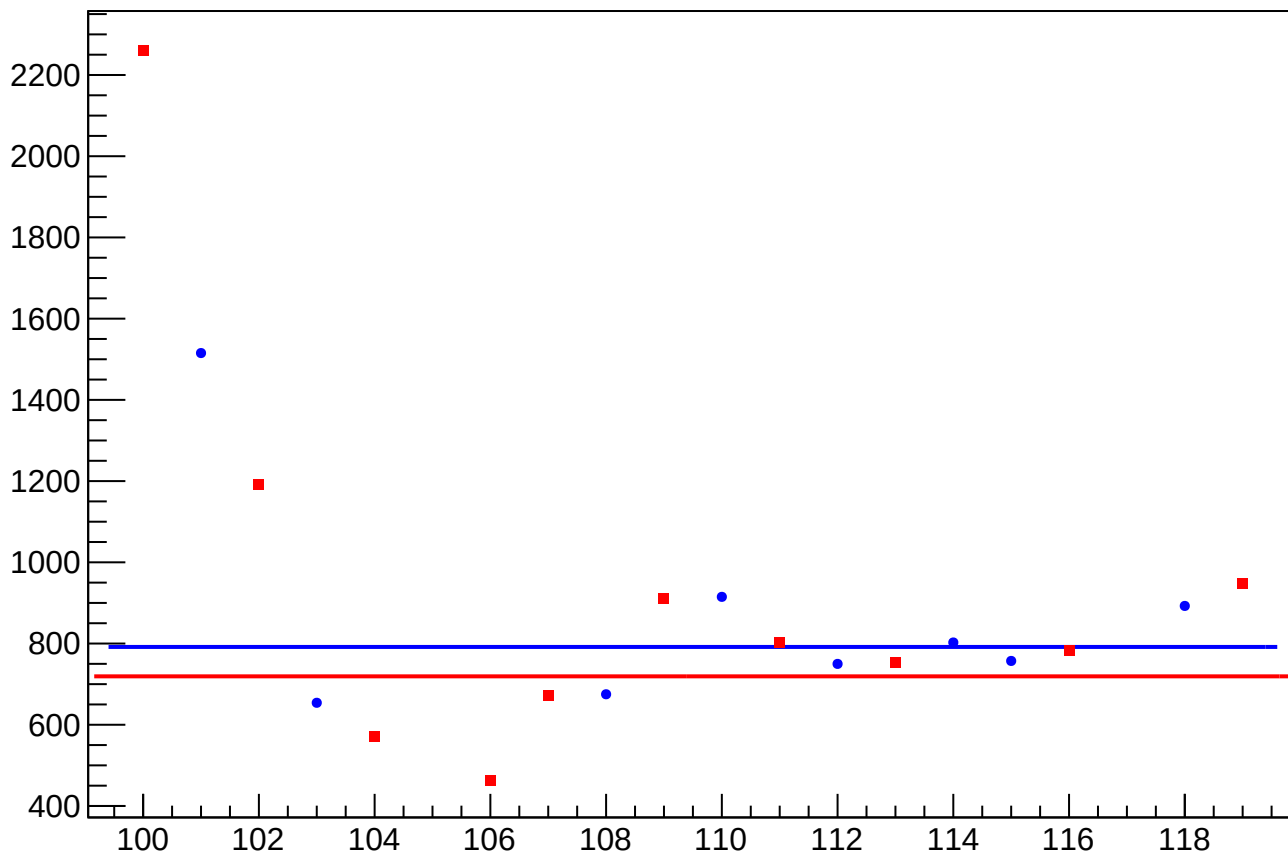
Right: -354.151+/-291.240 χ^2/NDF : 20.1/17

In: -488.010+/-450.090 χ^2/NDF : 7.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.151+/-291.240 χ^2/NDF : 20.1/17

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 791.619+/-0.318 χ^2/NDF : 404610.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.214+/-0.270 χ^2/NDF : 569259.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

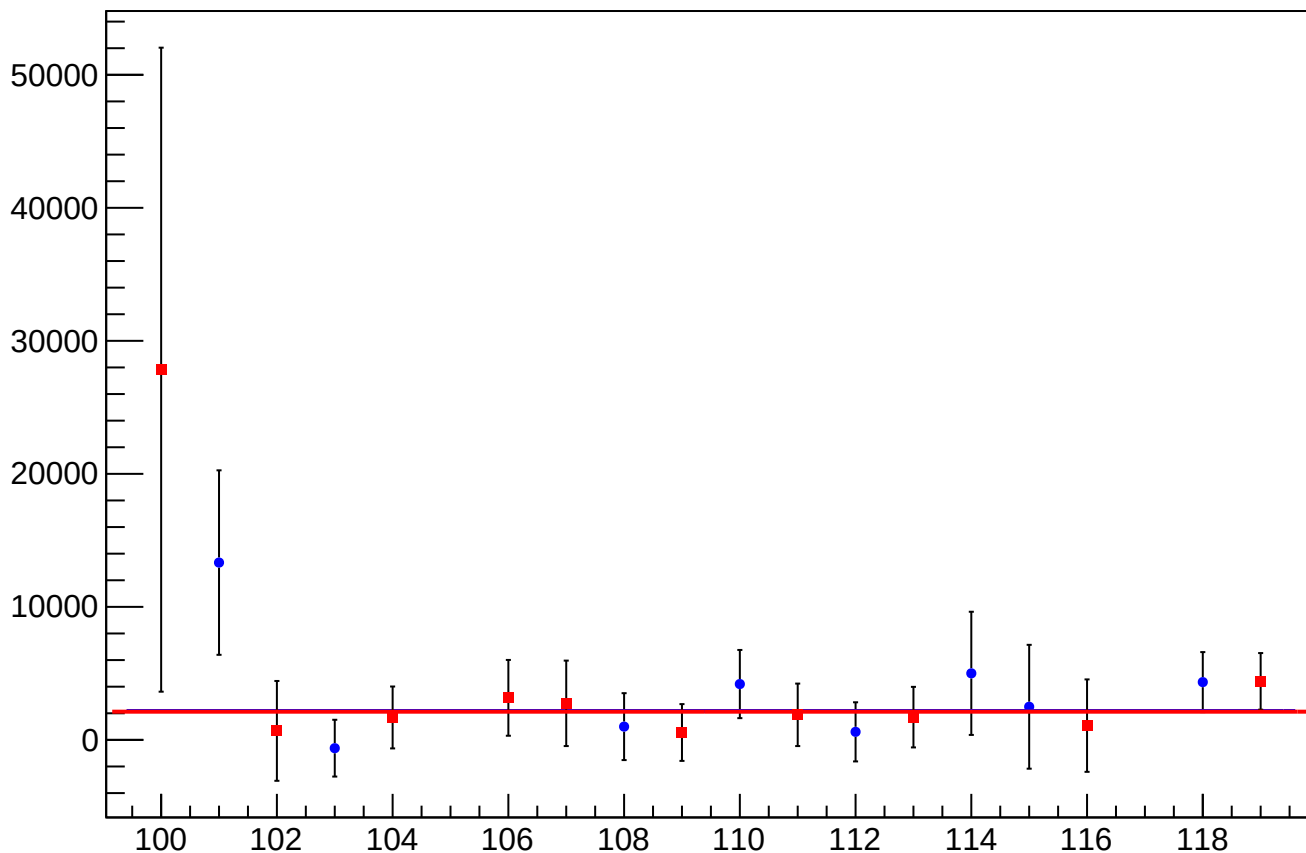
Right: 749.530+/-0.206 χ^2/NDF : 1003955.3/17

In: 791.619+/-0.318 χ^2/NDF : 404610.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.530+/-0.206 χ^2/NDF : 1003955.3/17

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2169.275+/-979.505 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.867+/-852.867 χ^2/NDF : 3.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

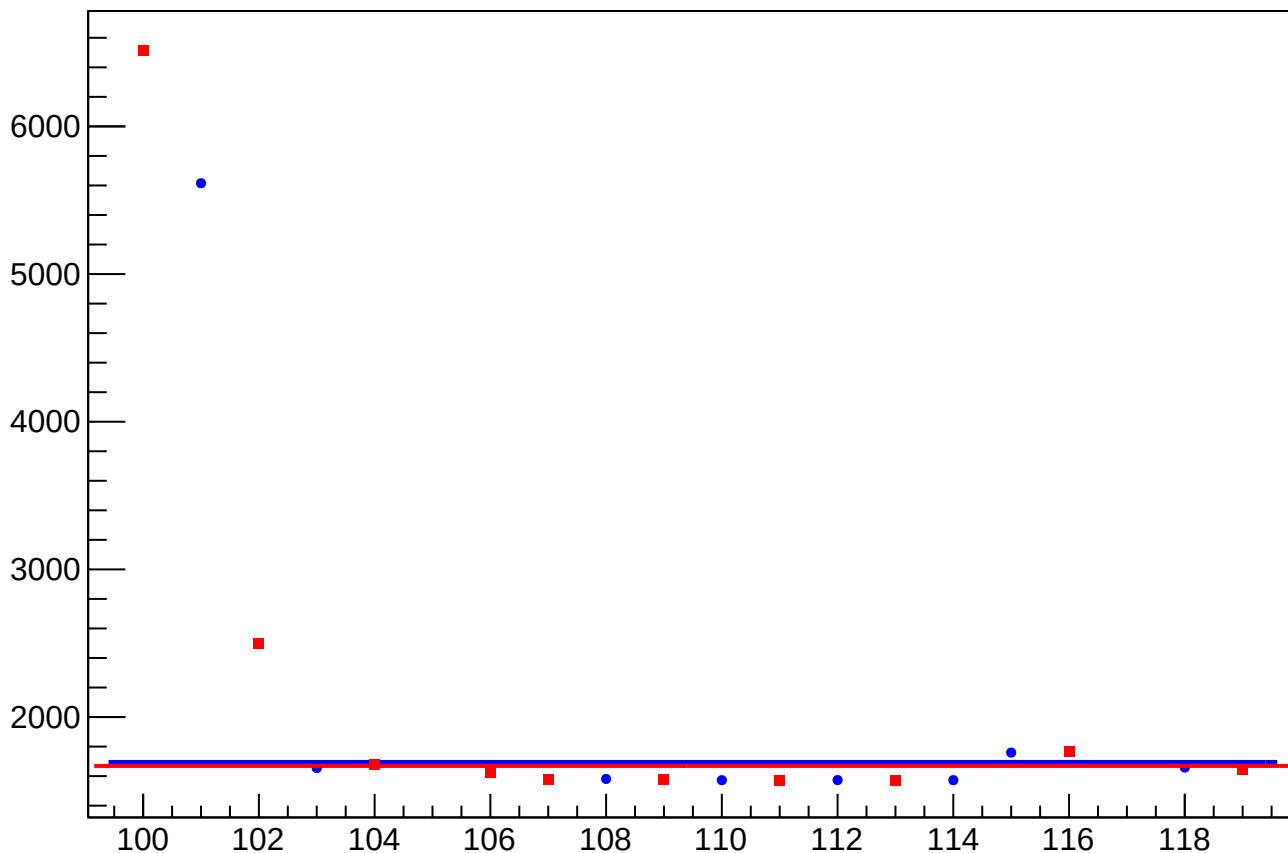
Right: 2141.741+/-643.213 χ^2/NDF : 10.3/17

In: 2169.275+/-979.505 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.741+/-643.213 χ^2/NDF : 10.3/17

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1696.148 $\pm$ 0.693 χ^2 /NDF: 656867.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1669.053 $\pm$ 0.603 χ^2 /NDF: 192130.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

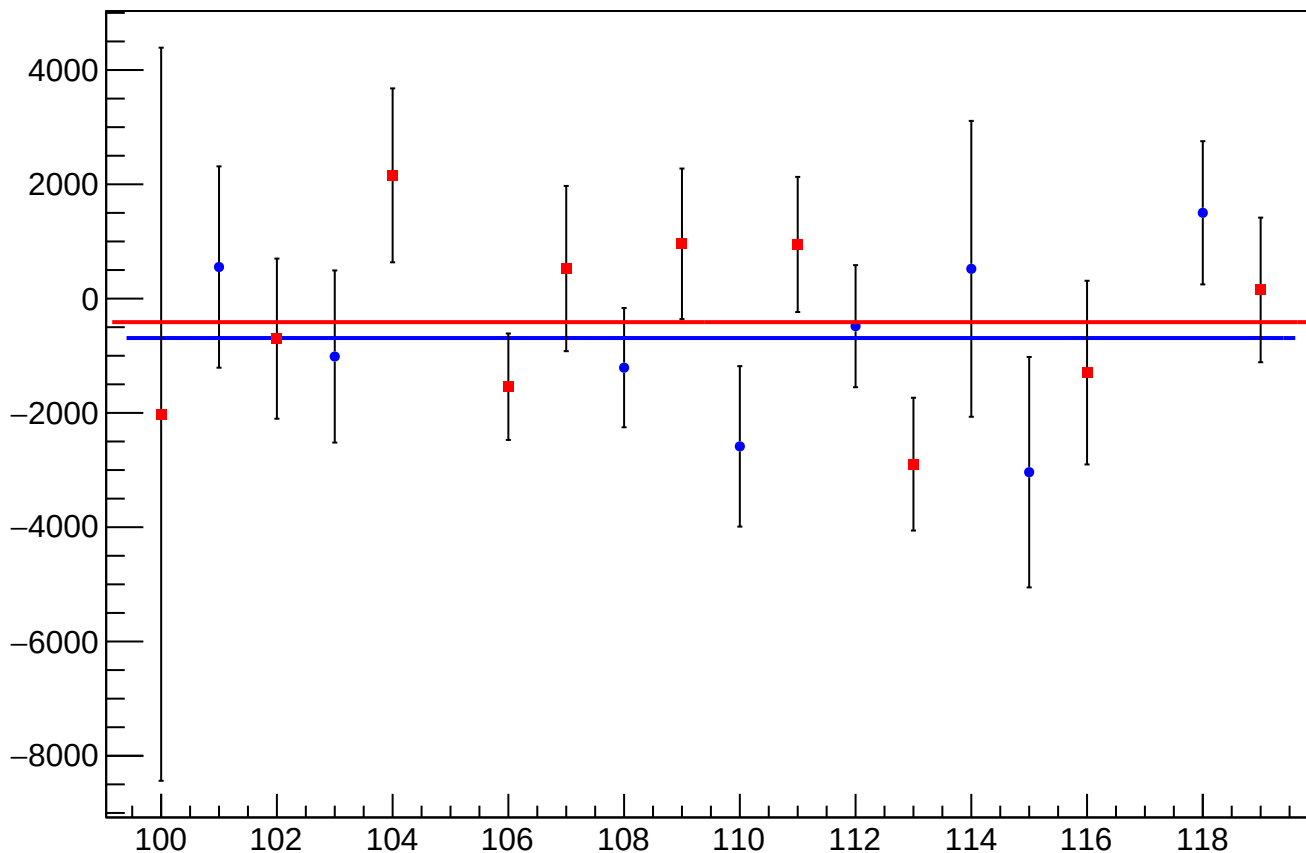
Right: 1680.736 $\pm$ 0.455 χ^2 /NDF: 849868.9/17

In: 1696.148 $\pm$ 0.693 χ^2 /NDF: 656867.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1680.736 $\pm$ 0.455 χ^2 /NDF: 849868.9/17

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -689.885+/-494.005 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -411.841+/-421.022 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

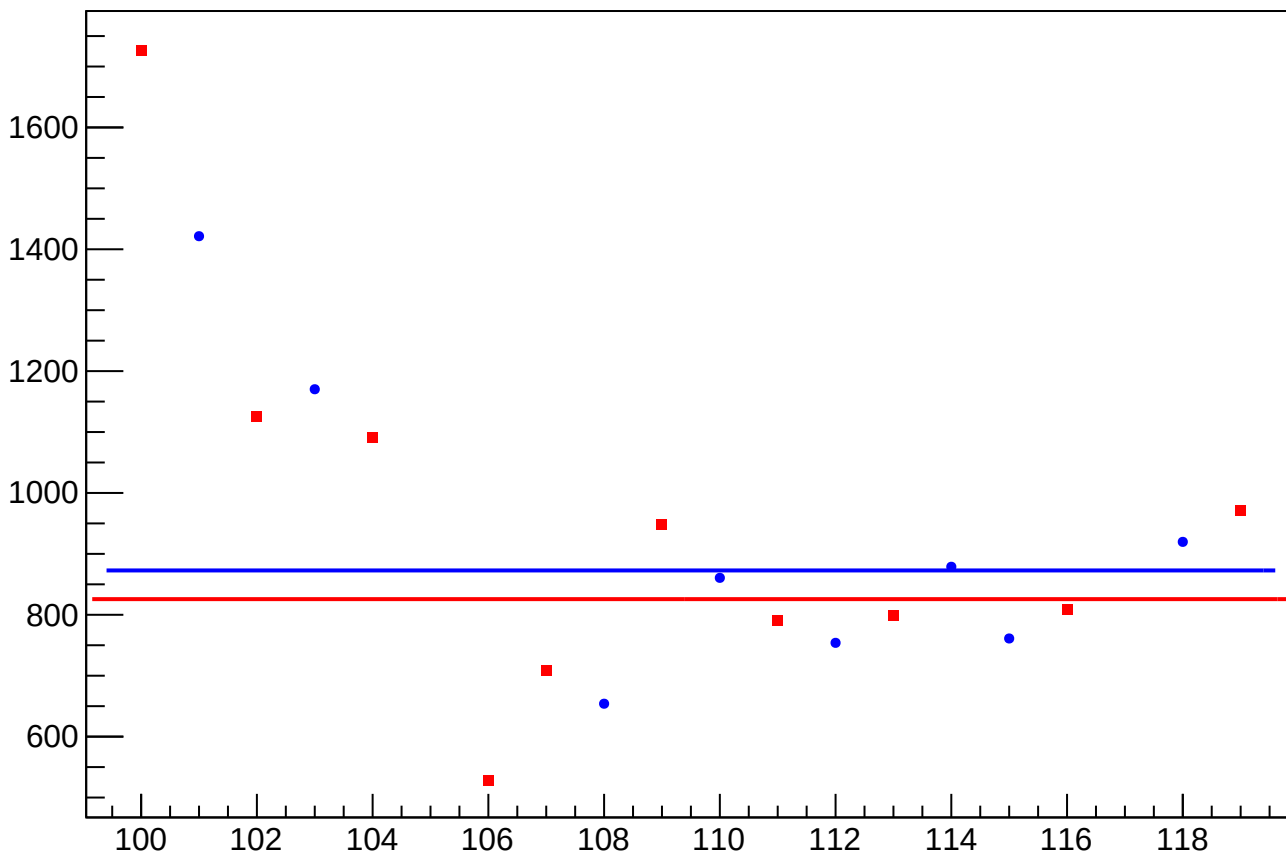
Right: -528.827+/-320.435 χ^2/NDF : 19.8/17

In: -689.885+/-494.005 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -528.827+/-320.435 χ^2/NDF : 19.8/17

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.796+/-0.349 χ^2/NDF : 393860.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.702+/-0.298 χ^2/NDF : 456230.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

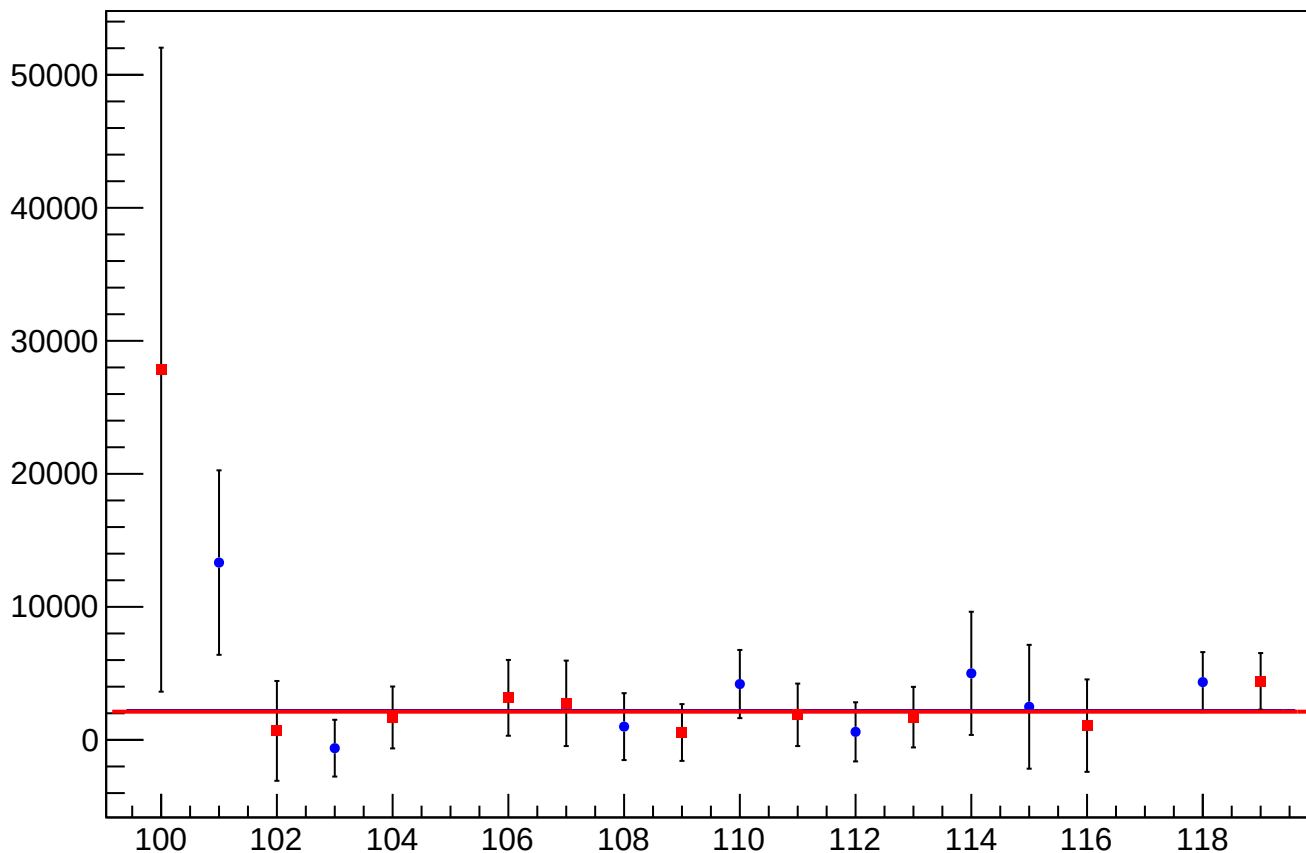
Right: 845.516+/-0.227 χ^2/NDF : 860620.0/17

In: 872.796+/-0.349 χ^2/NDF : 393860.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.516+/-0.227 χ^2/NDF : 860620.0/17

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2169.277+/-979.505 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2120.867+/-852.867 χ^2/NDF : 3.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

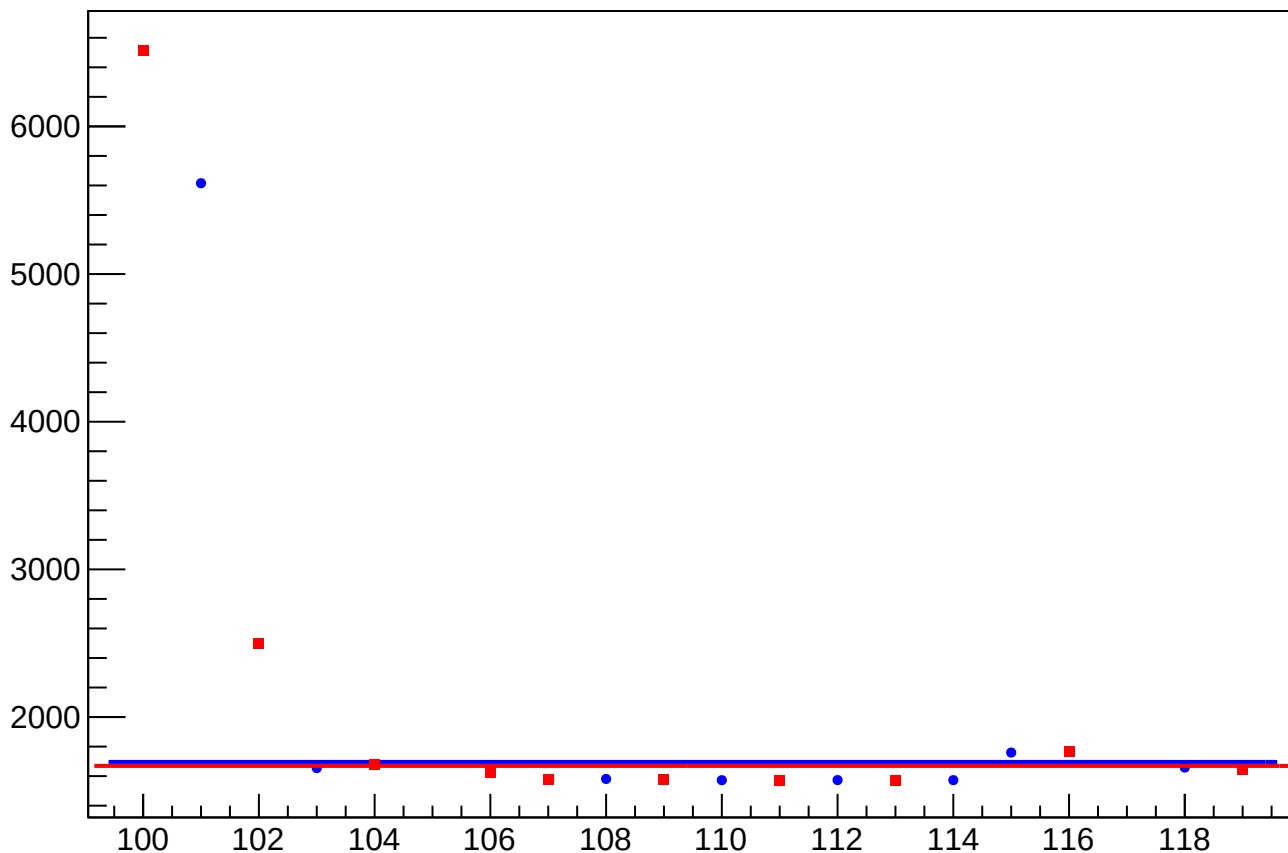
Right: 2141.742+/-643.213 χ^2/NDF : 10.3/17

In: 2169.277+/-979.505 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2141.742+/-643.213 χ^2/NDF : 10.3/17

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1696.147+/-0.693 χ^2/NDF : 656867.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1669.052+/-0.603 χ^2/NDF : 192130.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

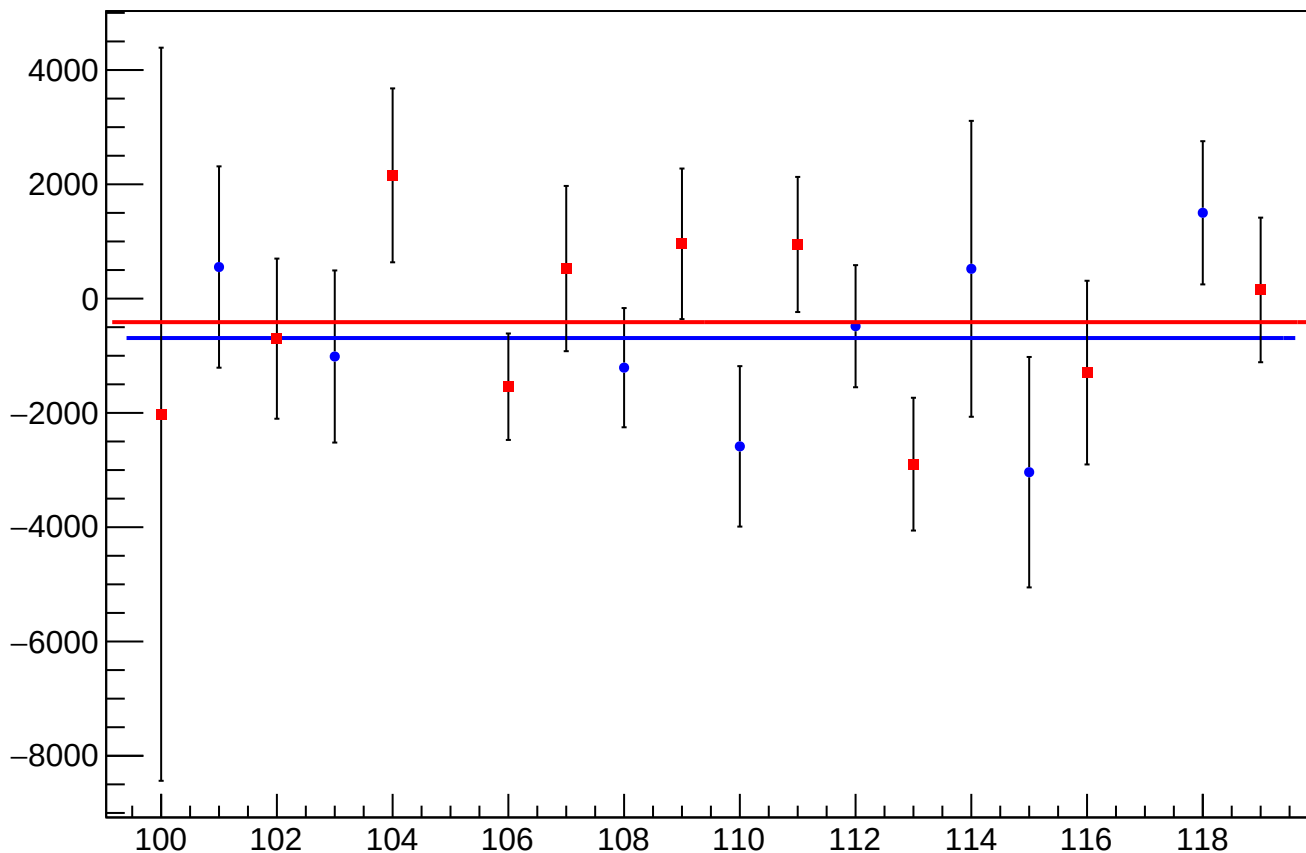
Right: 1680.736+/-0.455 χ^2/NDF : 849868.8/17

In: 1696.147+/-0.693 χ^2/NDF : 656867.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1680.736+/-0.455 χ^2/NDF : 849868.8/17

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -689.882+/-494.002 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -411.840+/-421.021 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

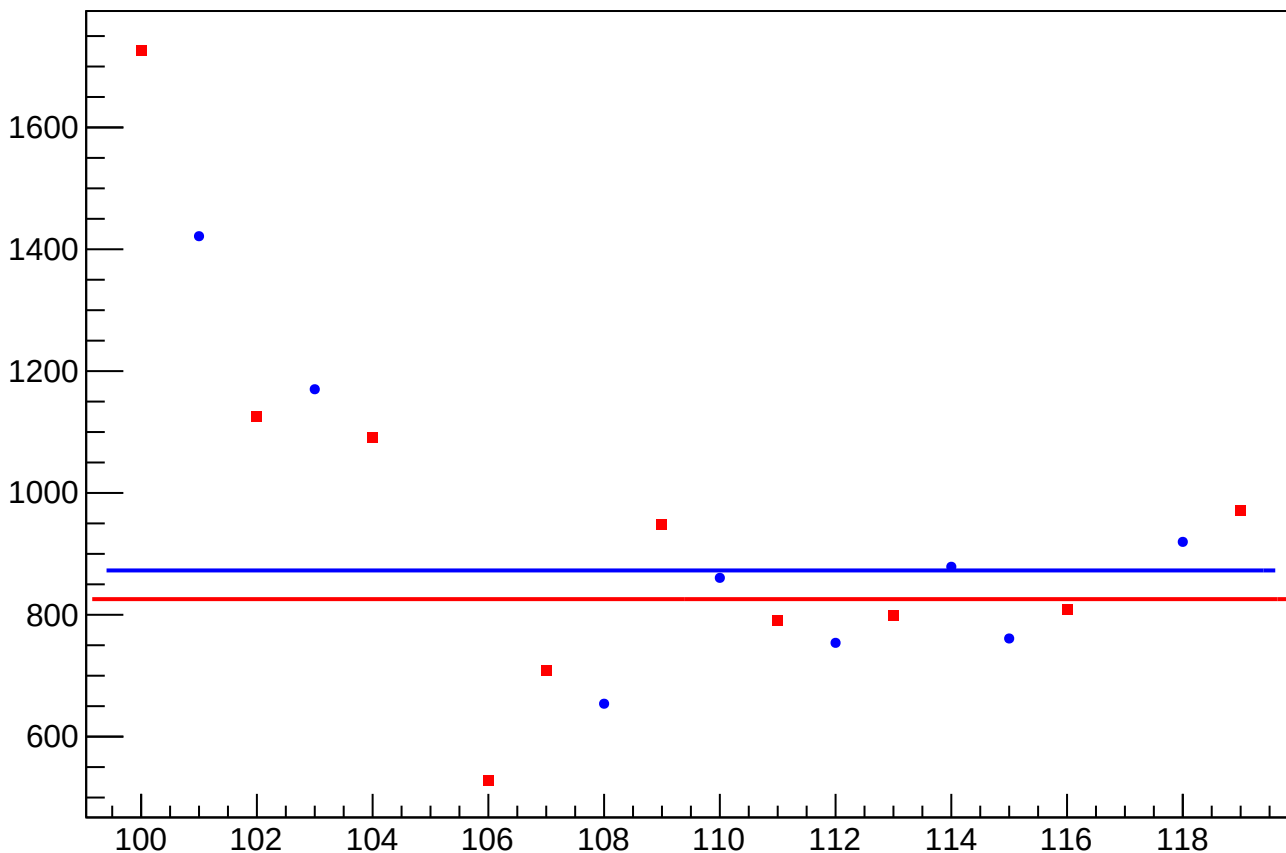
Right: -528.825+/-320.434 χ^2/NDF : 19.8/17

In: -689.882+/-494.002 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -528.825+/-320.434 χ^2/NDF : 19.8/17

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 872.791+/-0.349 χ^2/NDF : 393863.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.700+/-0.298 χ^2/NDF : 456226.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

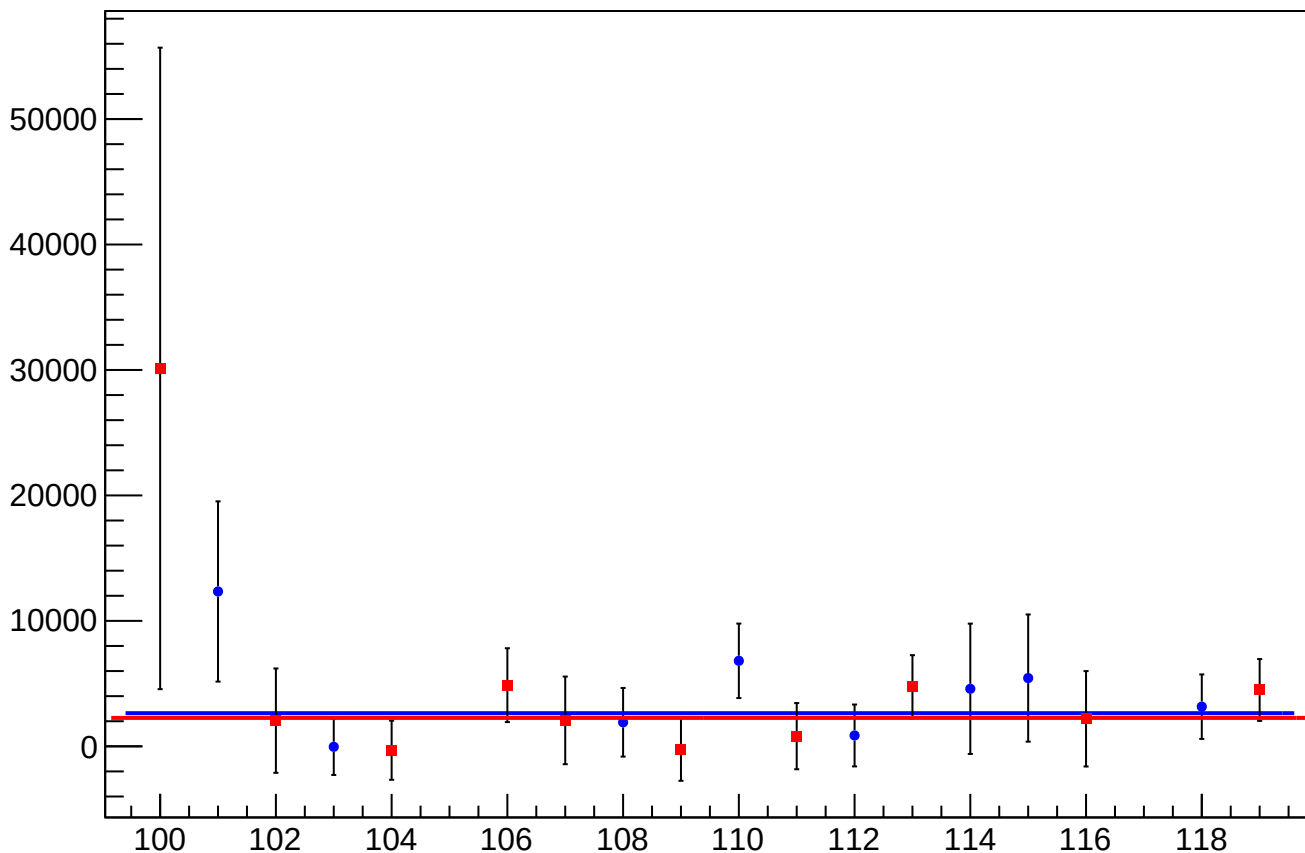
Right: 845.513+/-0.227 χ^2/NDF : 860618.1/17

In: 872.791+/-0.349 χ^2/NDF : 393863.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 845.513+/-0.227 χ^2/NDF : 860618.1/17

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2641.459+/-1080.282 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2265.083+/-941.275 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

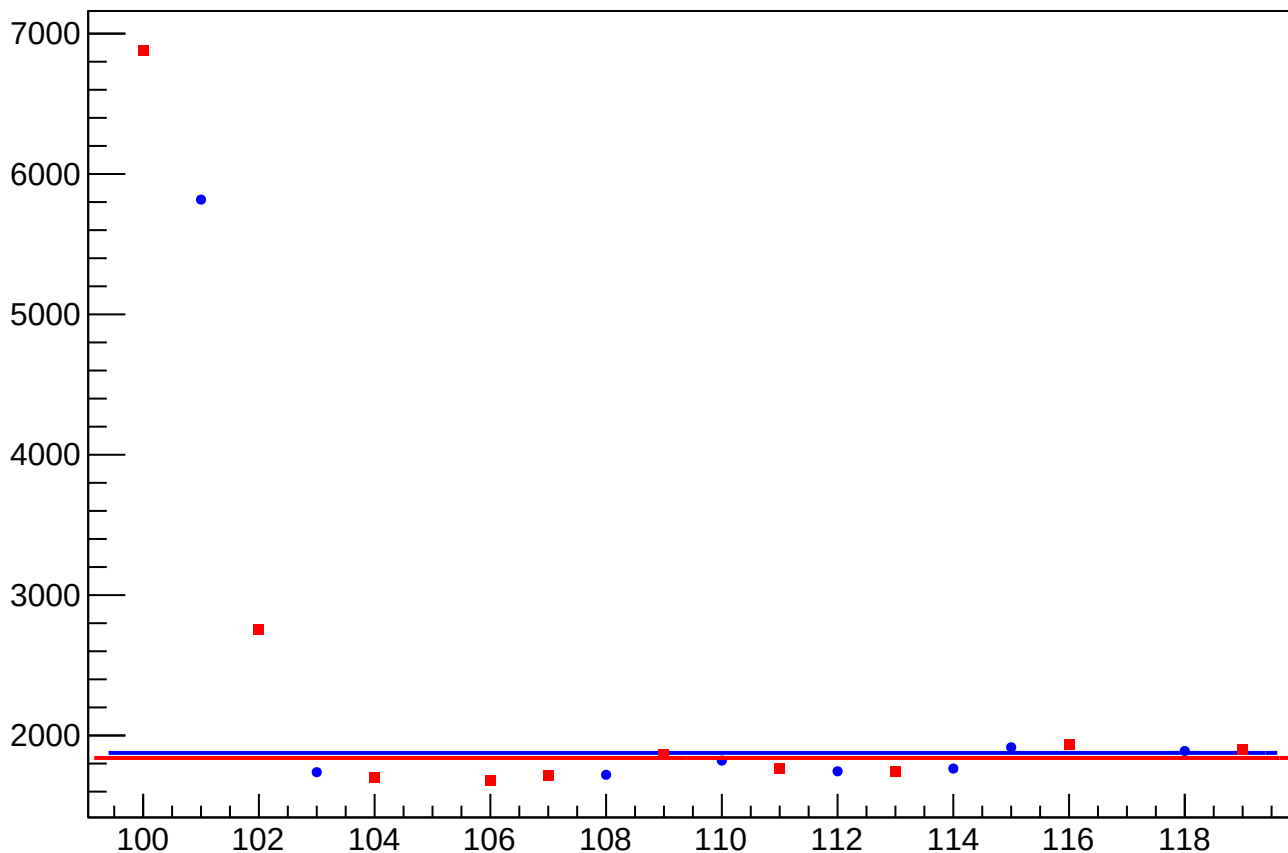
Right: 2427.513+/-709.673 χ^2/NDF : 12.6/17

In: 2641.459+/-1080.282 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2427.513+/-709.673 χ^2/NDF : 12.6/17

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1875.905+/-0.764 χ^2/NDF : 623559.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.958+/-0.666 χ^2/NDF : 197928.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

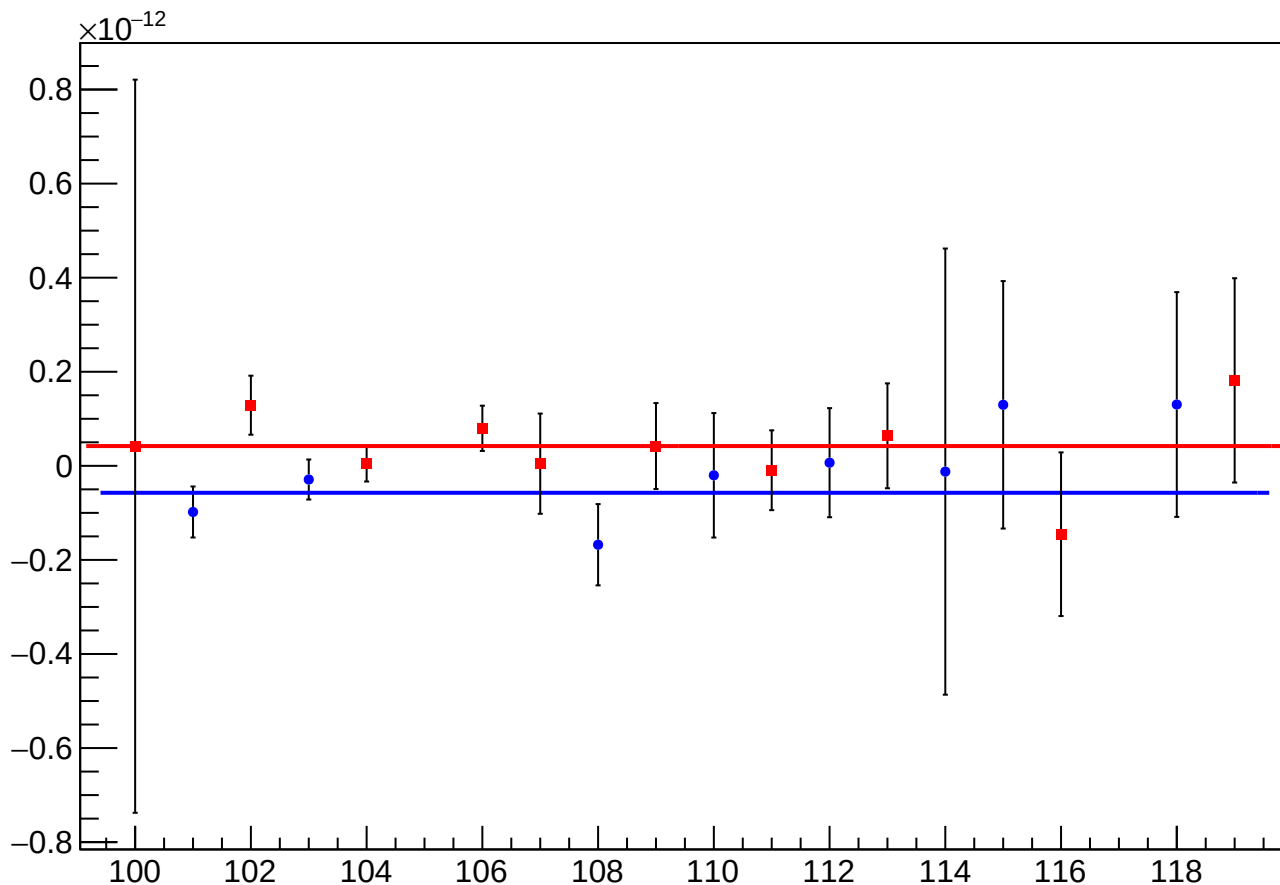
Right: 1855.471+/-0.502 χ^2/NDF : 822746.5/17

In: 1875.905+/-0.764 χ^2/NDF : 623559.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.471+/-0.502 χ^2/NDF : 822746.5/17

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

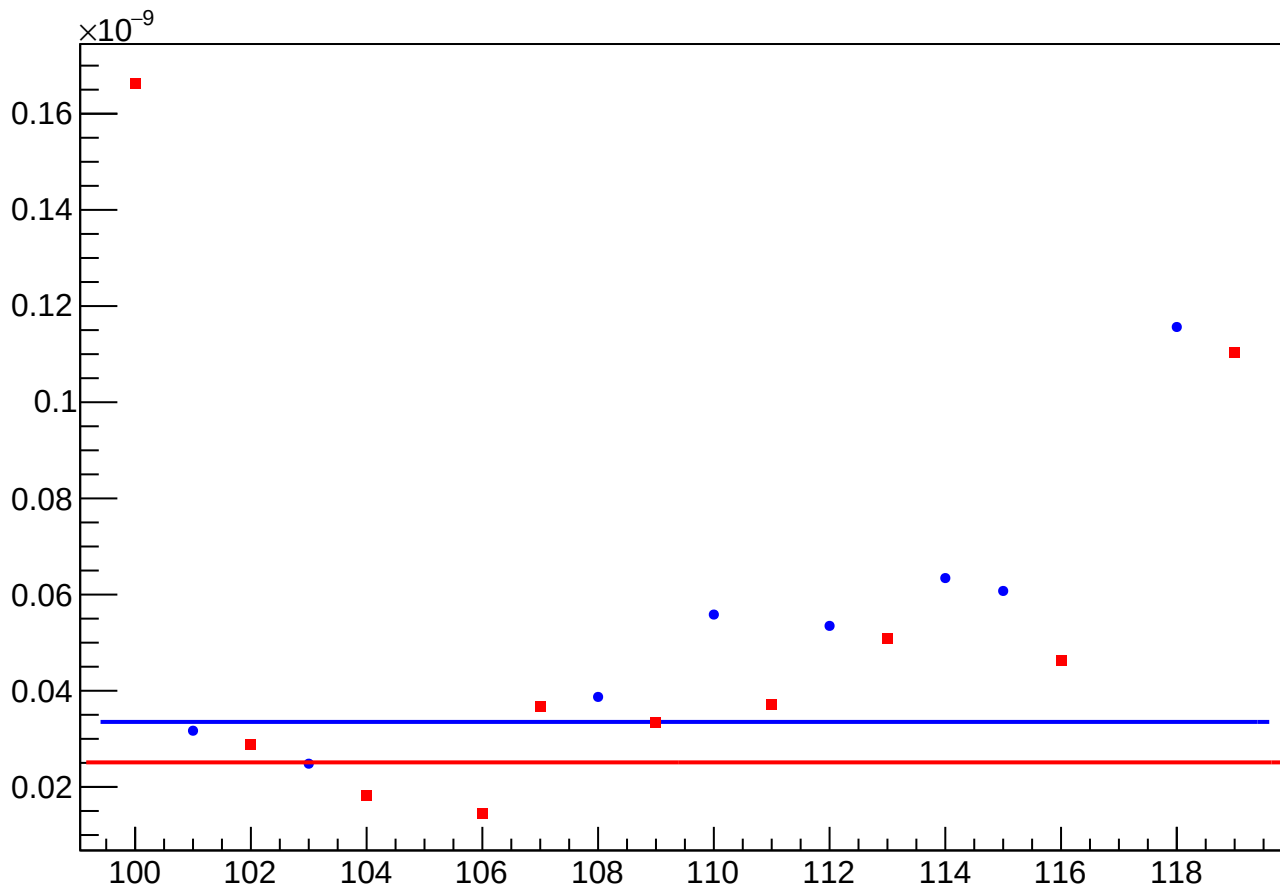
Right: 0.000+/-0.000 χ^2/NDF : 17.0/17

In: -0.000+/-0.000 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.0/17

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 474842.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 763571.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

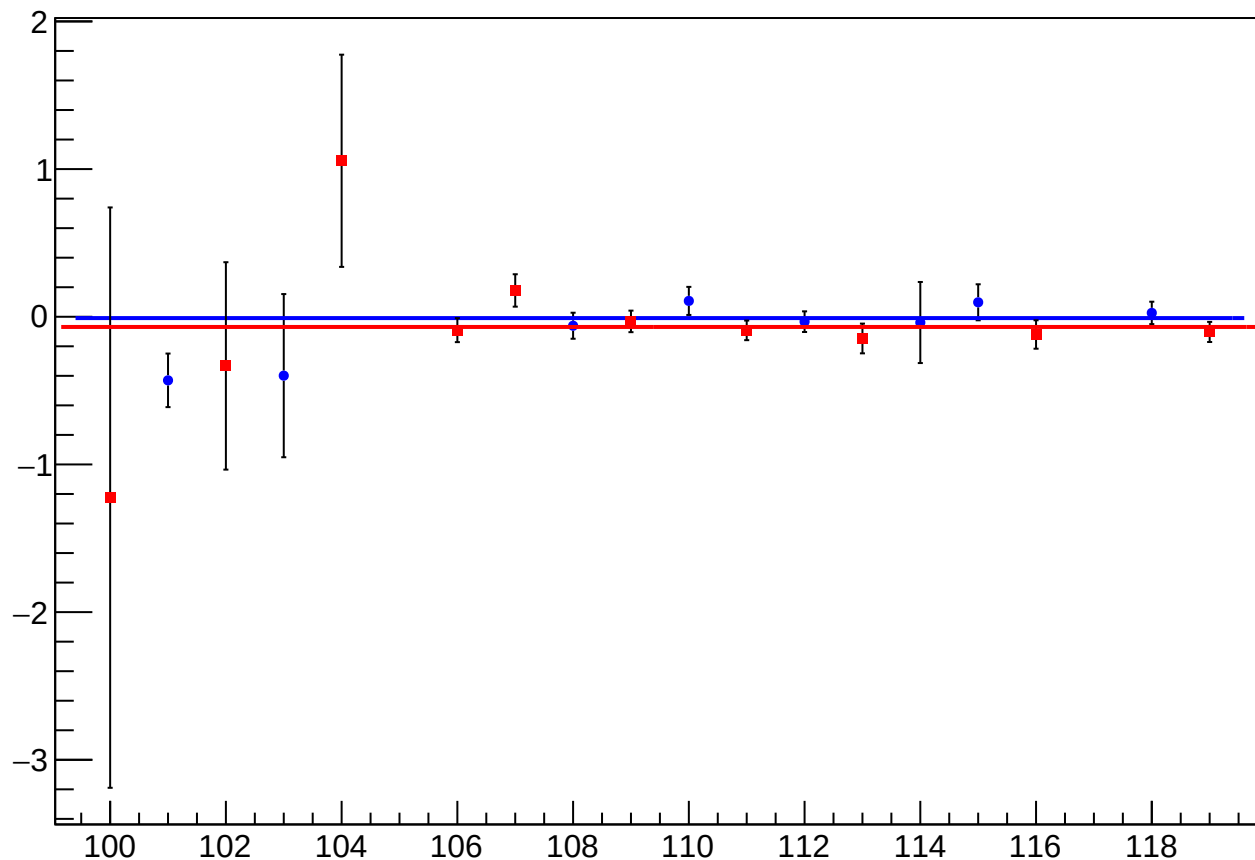
Right: 0.000+/-0.000 χ^2/NDF : 1341654.6/17

In: 0.000+/-0.000 χ^2/NDF : 474842.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1341654.6/17

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.009+/-0.037 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.030 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

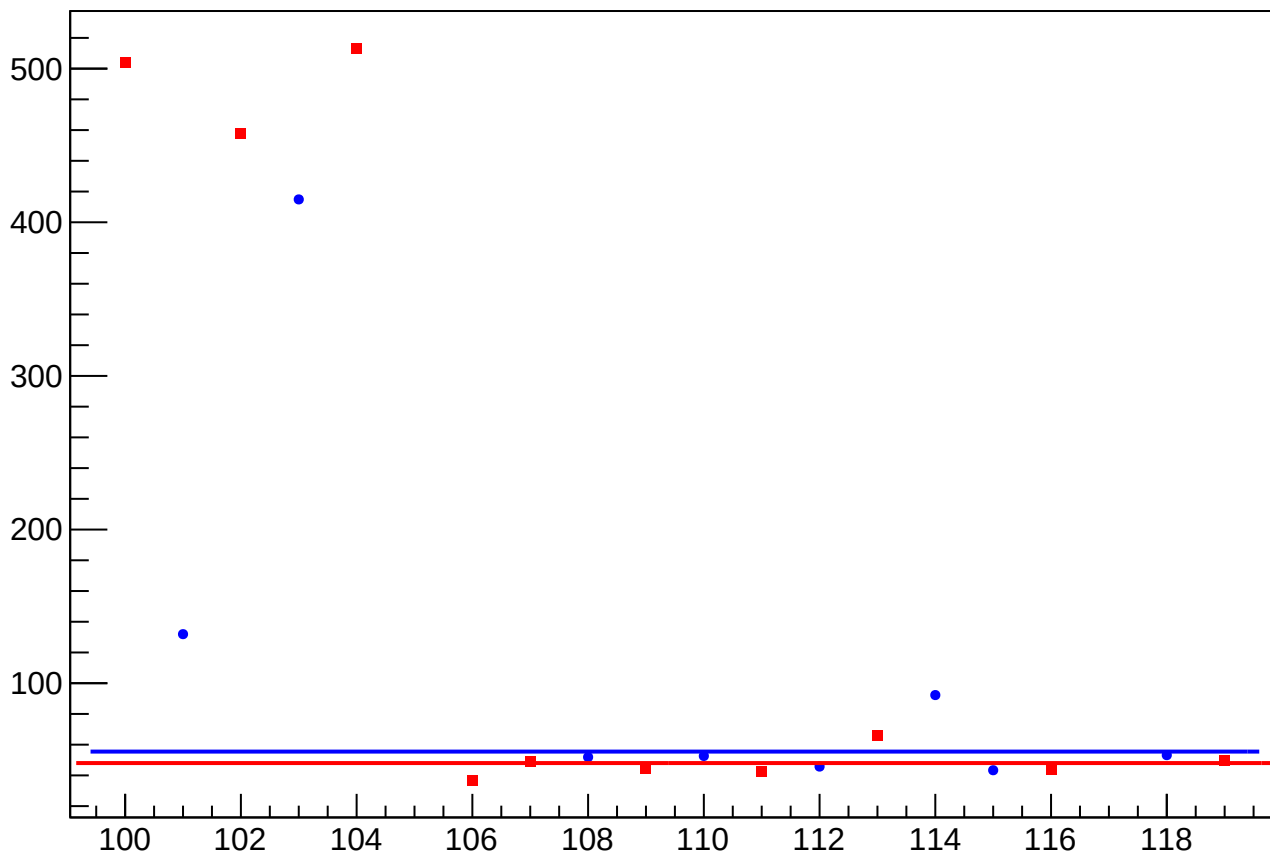
Right: -0.045+/-0.024 χ^2/NDF : 20.0/17

In: -0.009+/-0.037 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.045+/-0.024 χ^2/NDF : 20.0/17

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.494+/-0.026 χ^2/NDF : 1303059.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.027+/-0.022 χ^2/NDF : 1754781.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

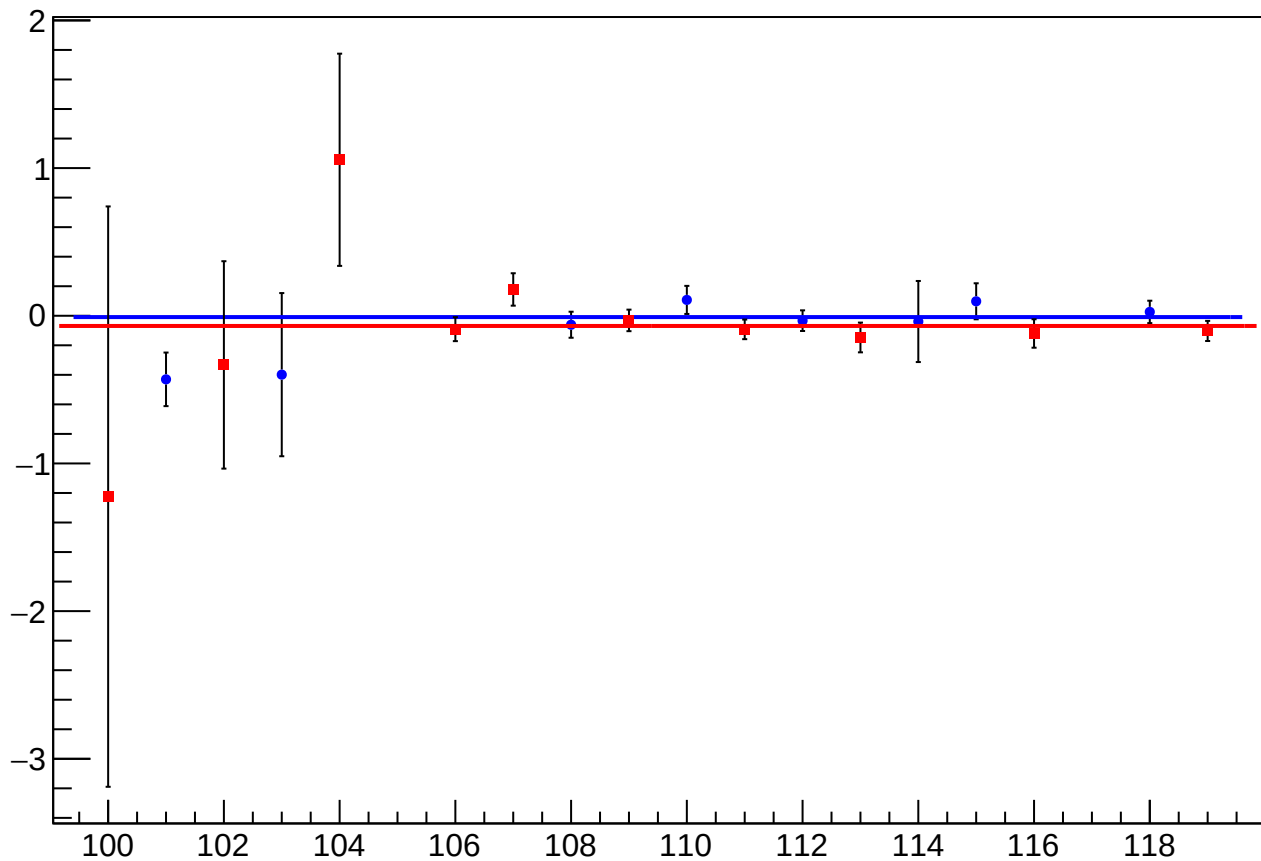
Right: 51.051+/-0.017 χ^2/NDF : 3106424.8/17

In: 55.494+/-0.026 χ^2/NDF : 1303059.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.051+/-0.017 χ^2/NDF : 3106424.8/17

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.037 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.030 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

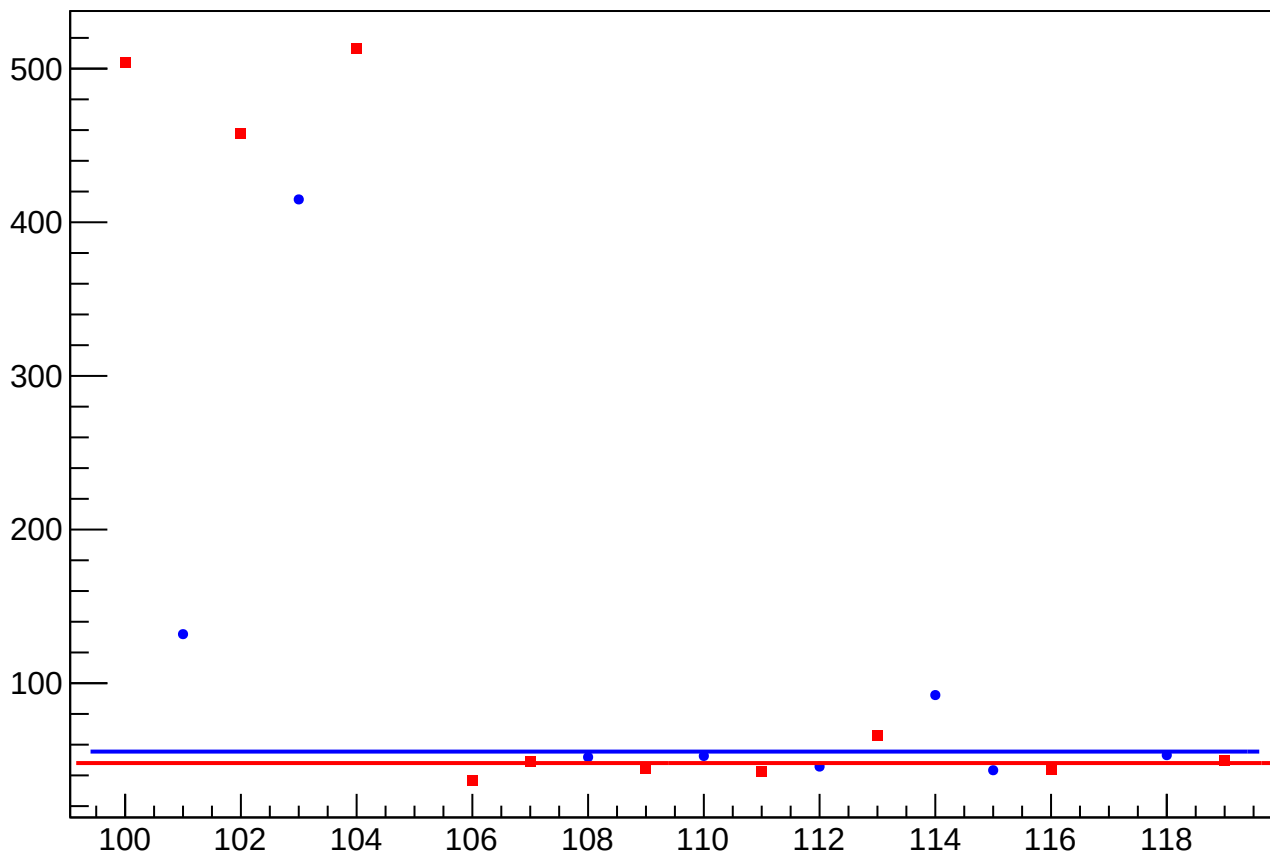
Right: -0.045 $\pm$ 0.024 χ^2 /NDF: 20.0/17

In: -0.009 $\pm$ 0.037 χ^2 /NDF:8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.024 χ^2 /NDF: 20.0/17

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.494+/-0.026 χ^2/NDF : 1303059.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.027+/-0.022 χ^2/NDF : 1754781.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

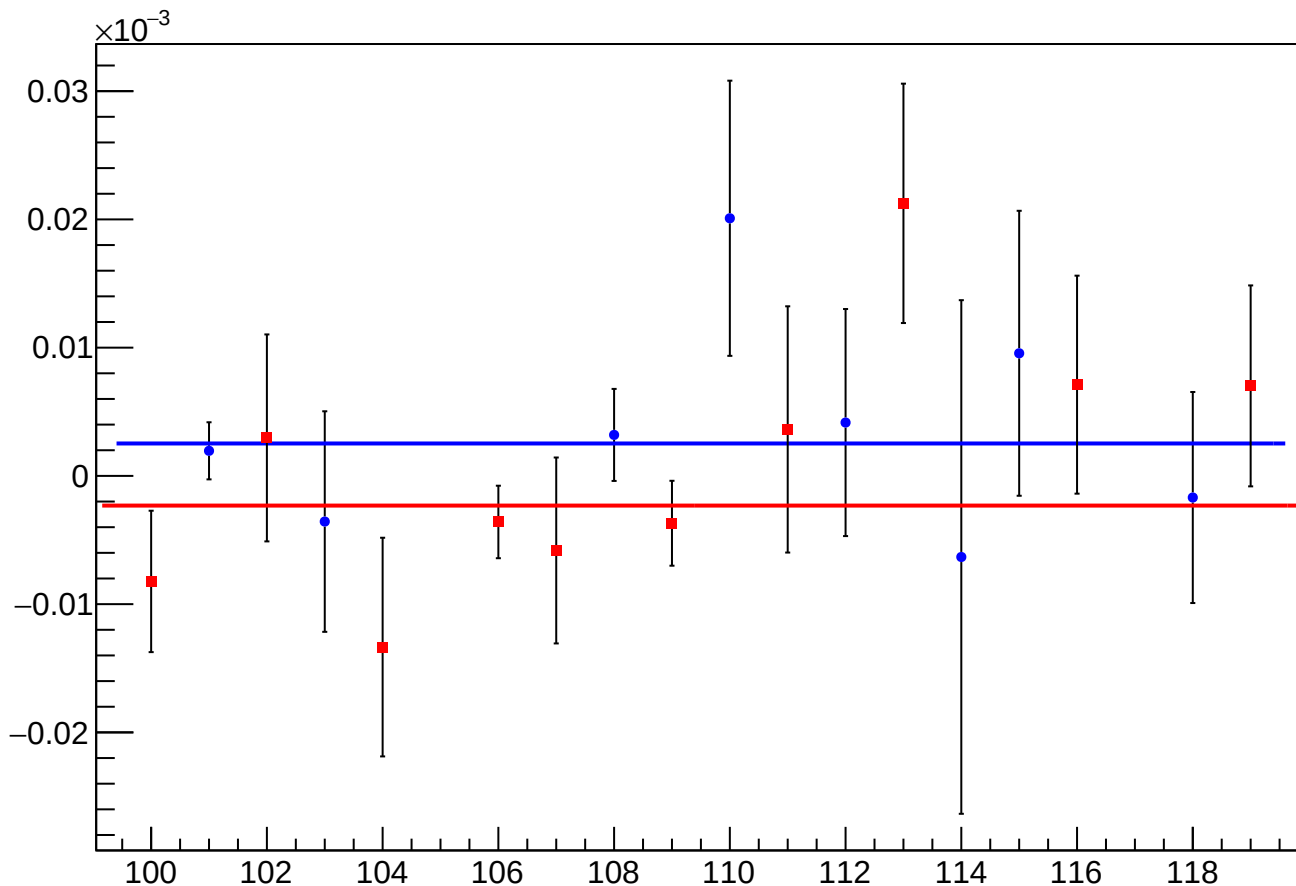
Right: 51.051+/-0.017 χ^2/NDF : 3106424.8/17

In: 55.494+/-0.026 χ^2/NDF : 1303059.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.051+/-0.017 χ^2/NDF : 3106424.8/17

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

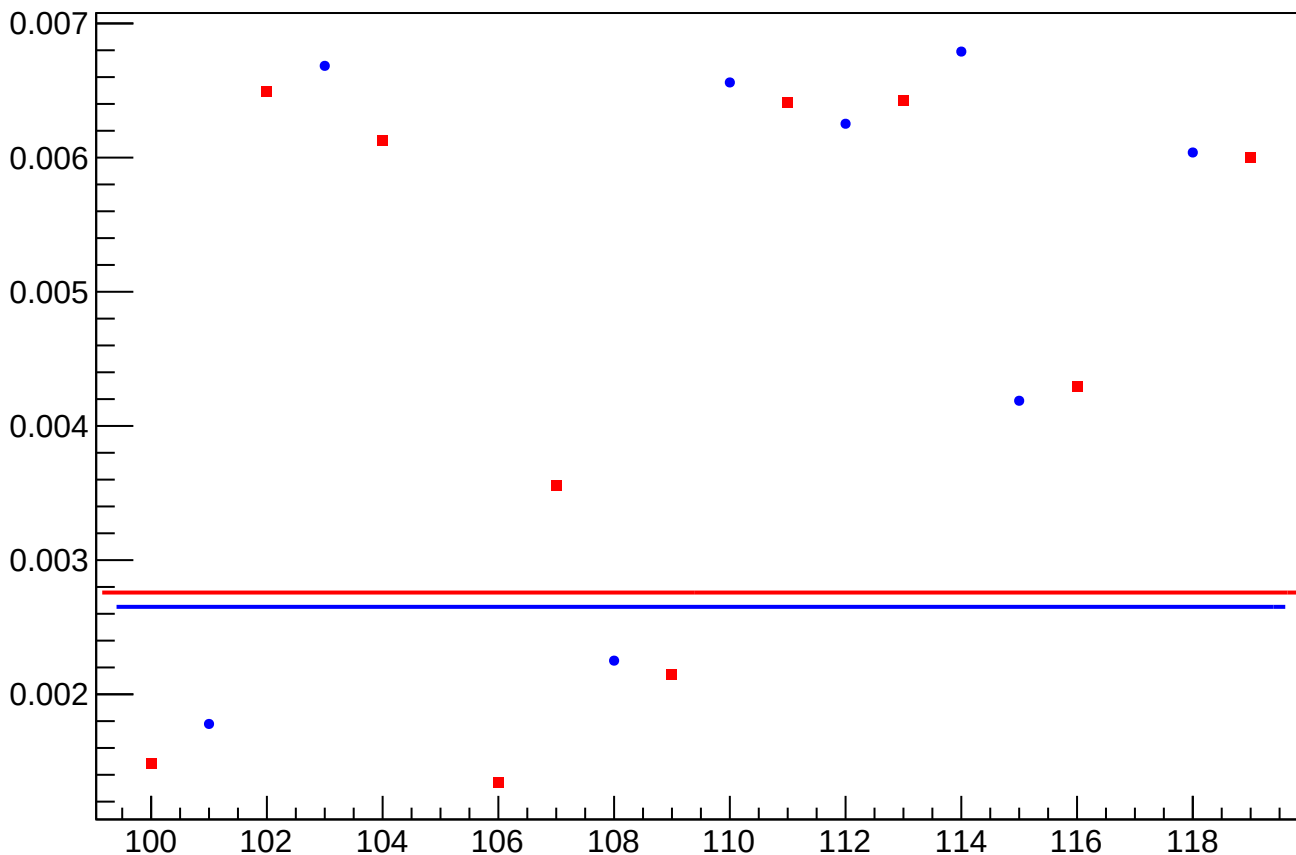
Right: 0.000+/-0.000 χ^2/NDF : 21.5/17

In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.5/17

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1830787.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2447383.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

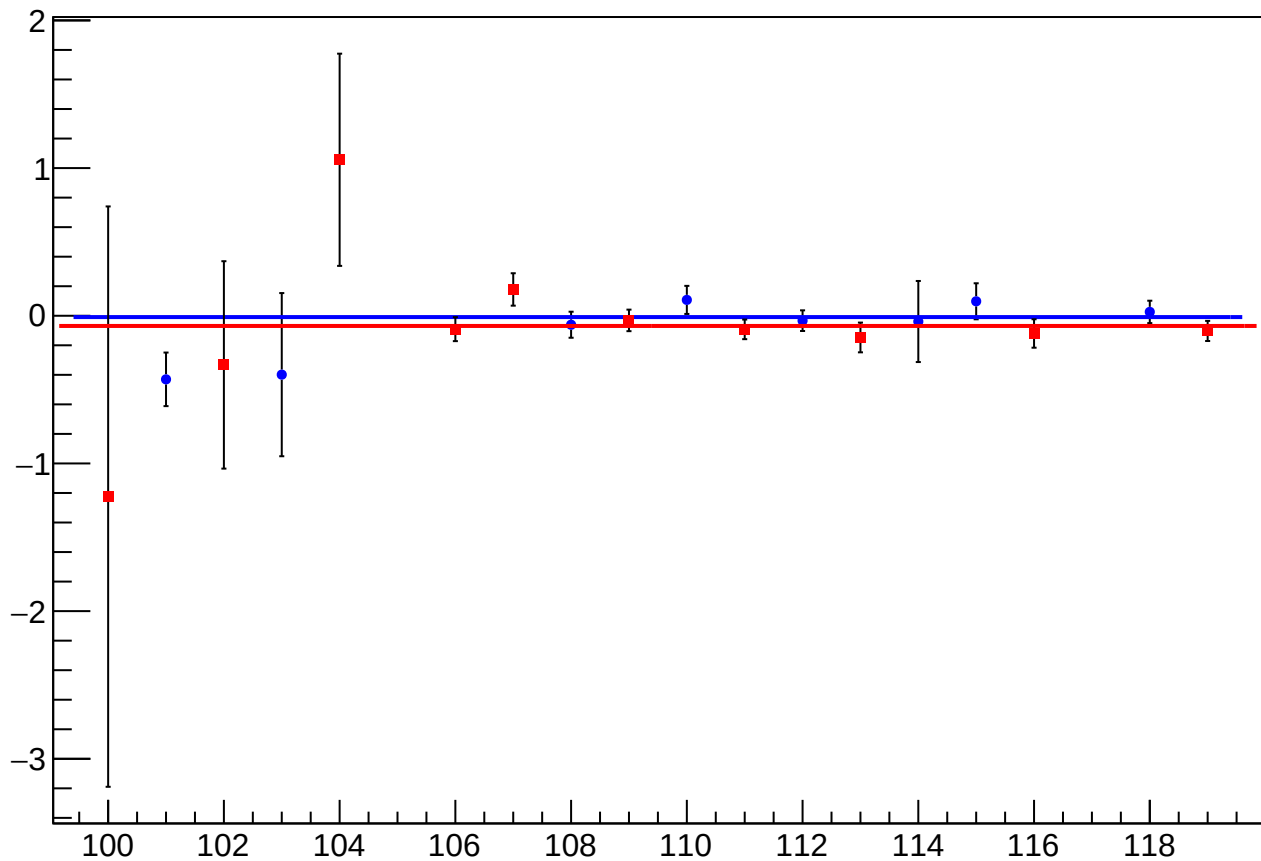
Right: 0.003+/-0.000 χ^2/NDF : 4282088.2/17

In: 0.003+/-0.000 χ^2/NDF :1830787.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4282088.2/17

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009+/-0.037 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.069+/-0.030 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

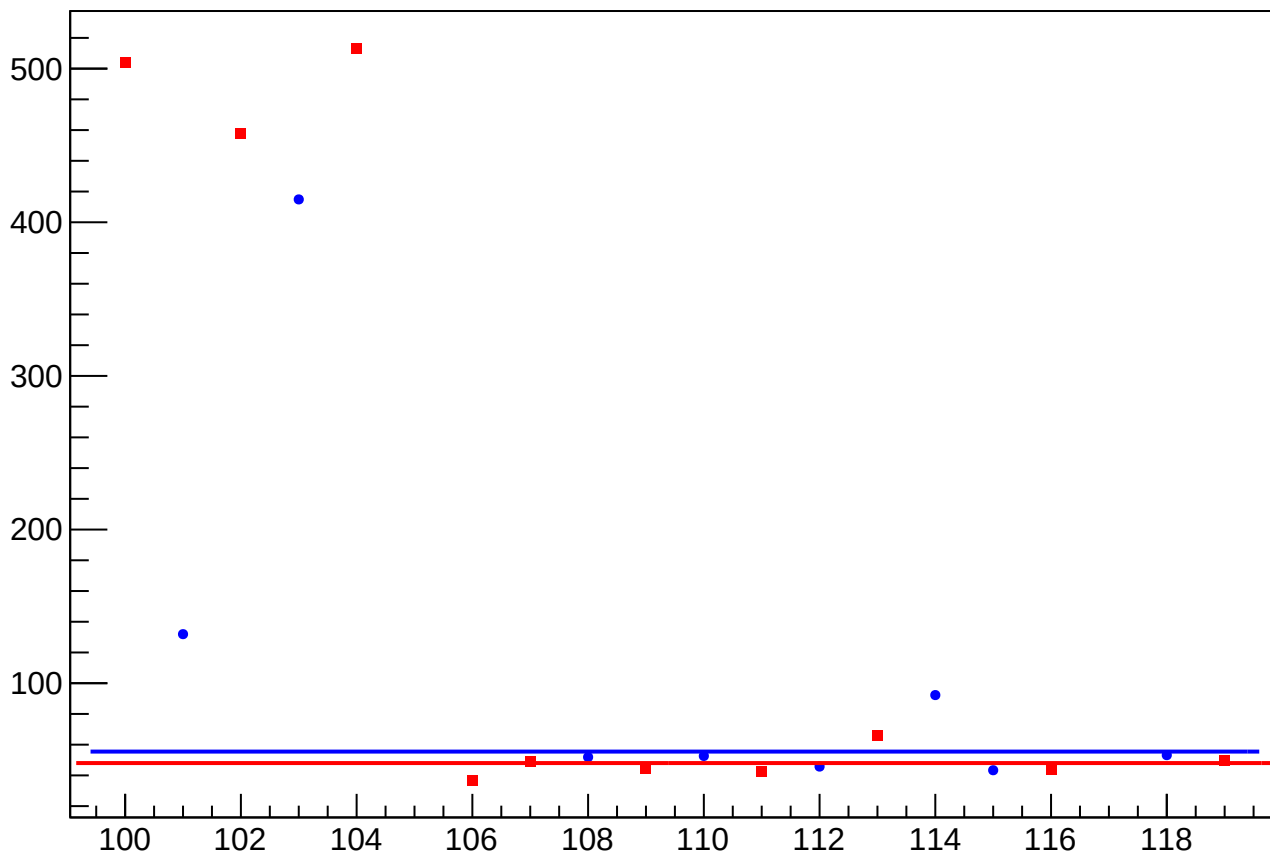
Right: -0.045+/-0.024 χ^2/NDF : 20.0/17

In: -0.009+/-0.037 χ^2/NDF :8.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.045+/-0.024 χ^2/NDF : 20.0/17

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.495+/-0.026 χ^2/NDF : 1303041.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.026+/-0.022 χ^2/NDF : 1754748.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

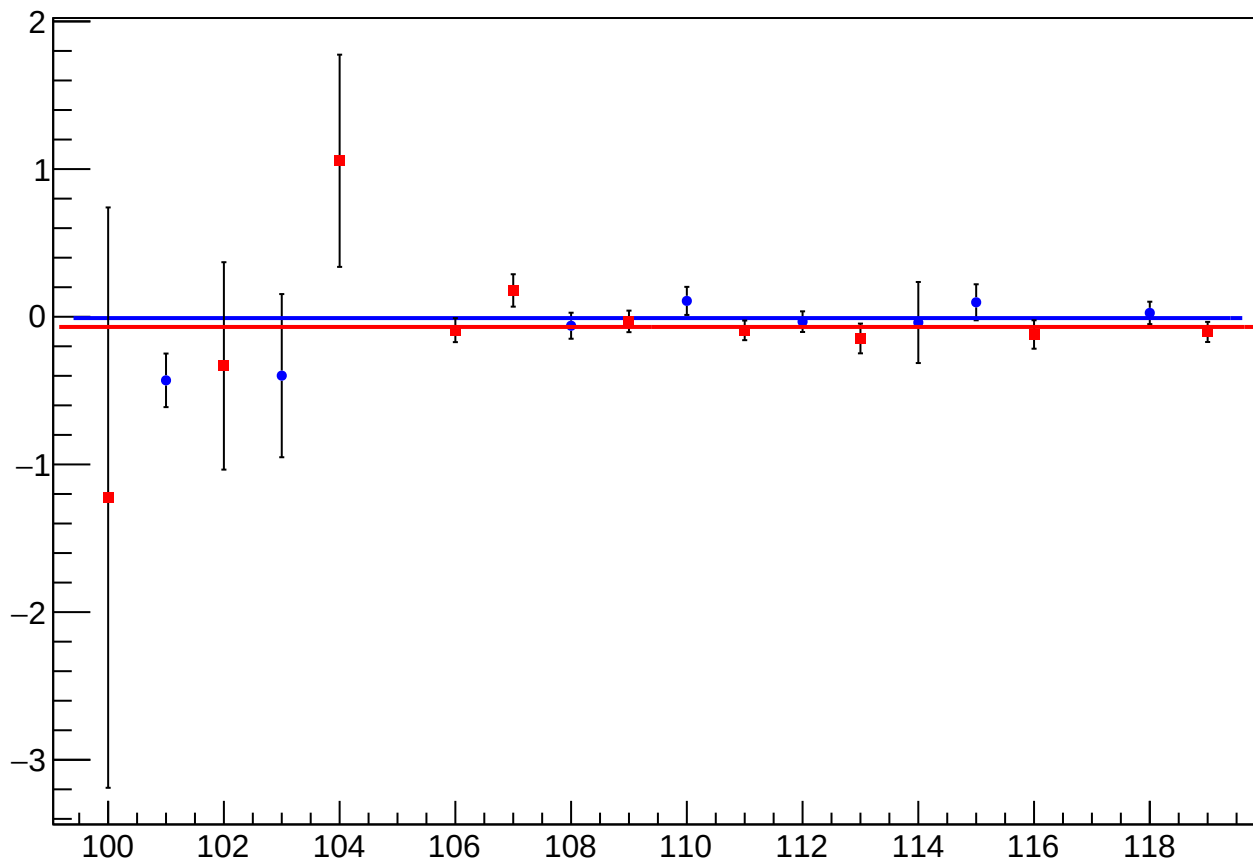
Right: 51.051+/-0.017 χ^2/NDF : 3106391.1/17

In: 55.495+/-0.026 χ^2/NDF : 1303041.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.051+/-0.017 χ^2/NDF : 3106391.1/17

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.009 $\pm$ 0.037 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.030 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

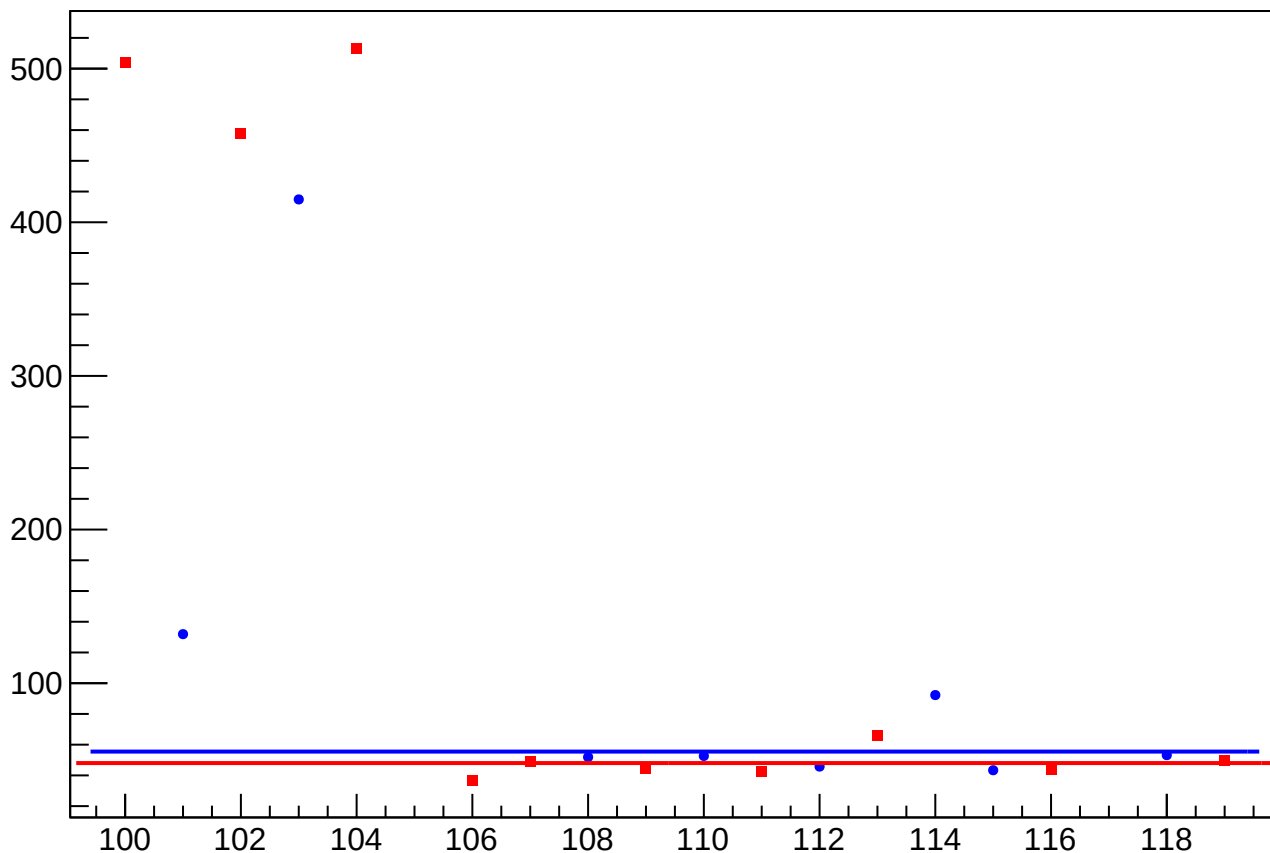
Right: -0.045 $\pm$ 0.024 χ^2 /NDF: 20.0/17

In: -0.009 $\pm$ 0.037 χ^2 /NDF:8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.045 $\pm$ 0.024 χ^2 /NDF: 20.0/17

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.495+/-0.026 χ^2/NDF : 1303041.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.026+/-0.022 χ^2/NDF : 1754748.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

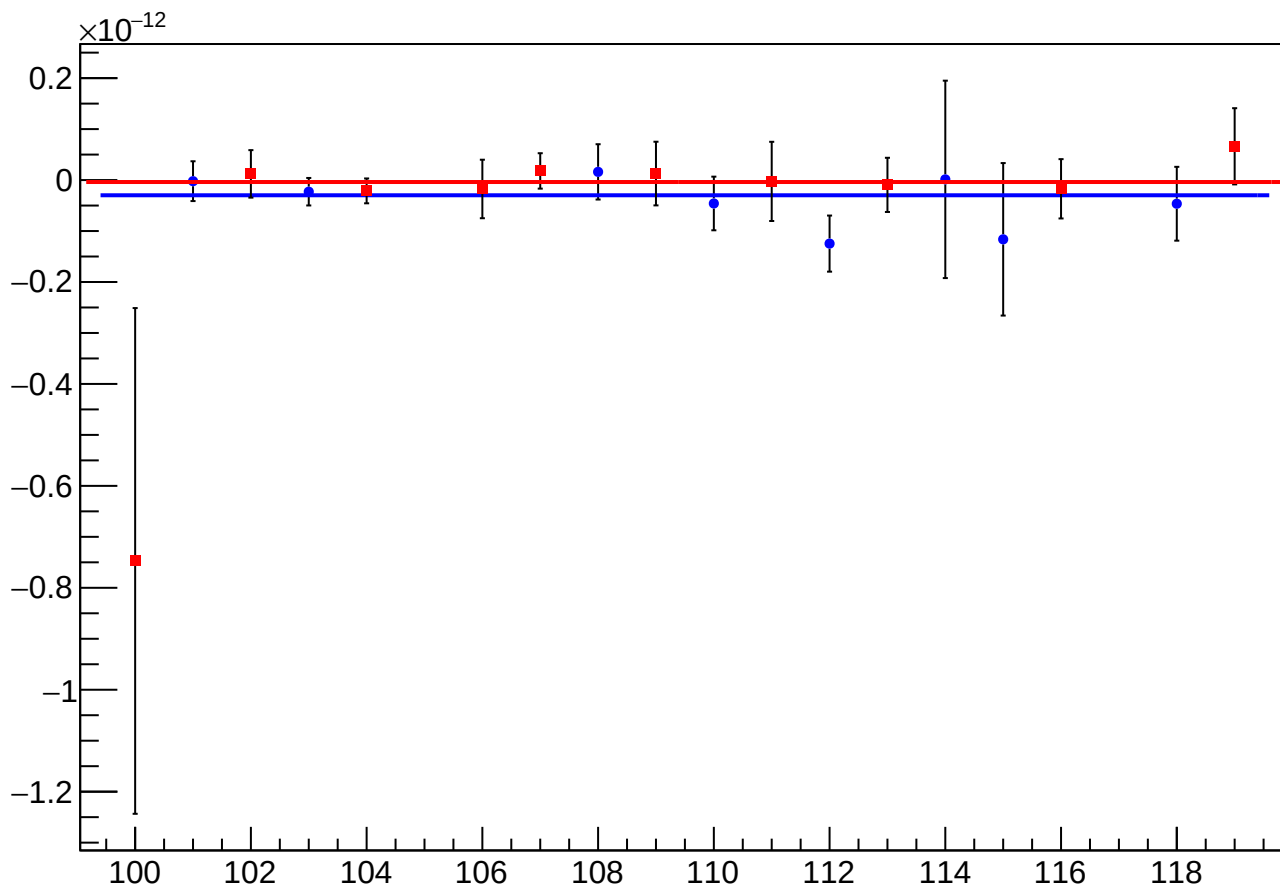
Right: 51.051+/-0.017 χ^2/NDF : 3106391.1/17

In: 55.495+/-0.026 χ^2/NDF : 1303041.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.051+/-0.017 χ^2/NDF : 3106391.1/17

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 4.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 4.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

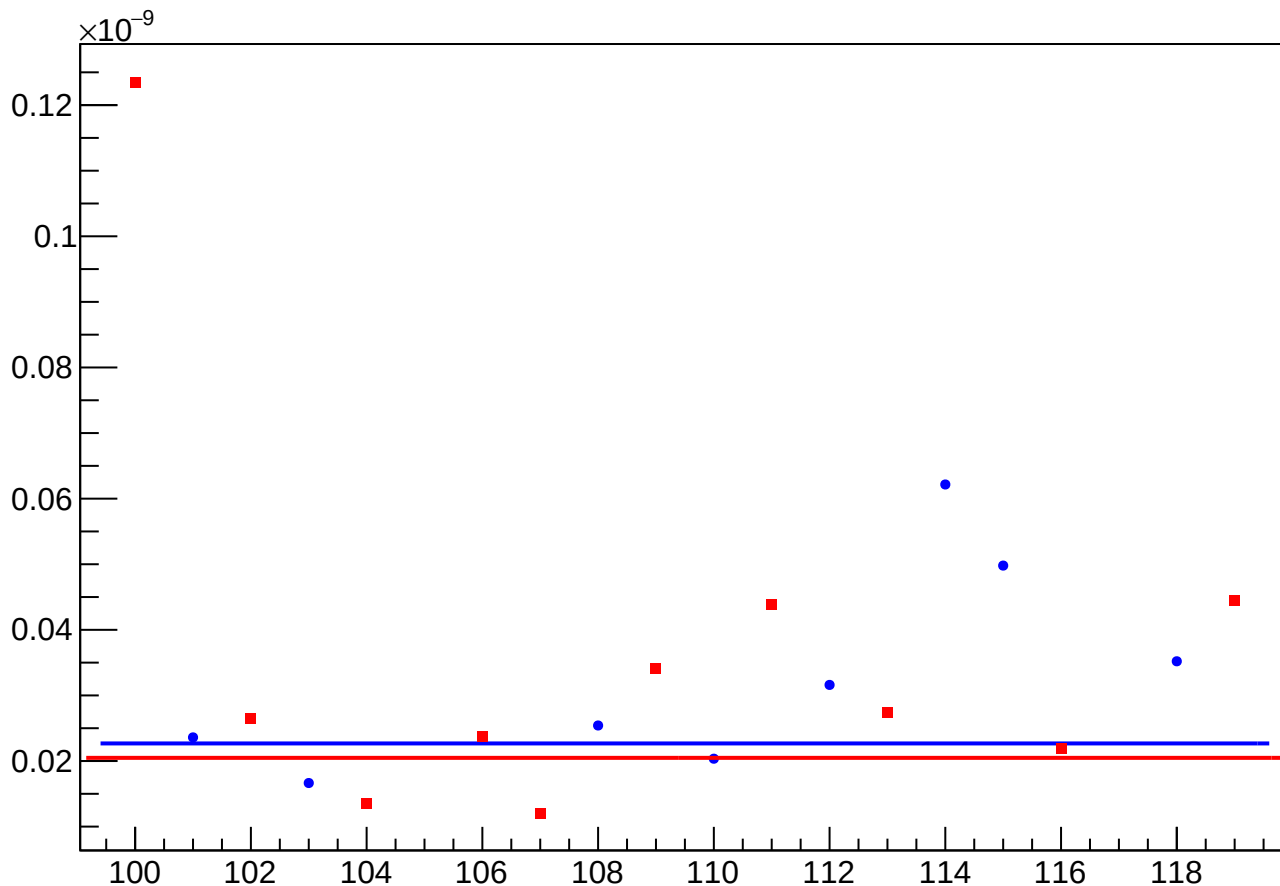
Right: -0.000+/-0.000 χ^2 /NDF: 10.4/17

In: -0.000+/-0.000 χ^2 /NDF:4.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.4/17

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 371356.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 922904.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

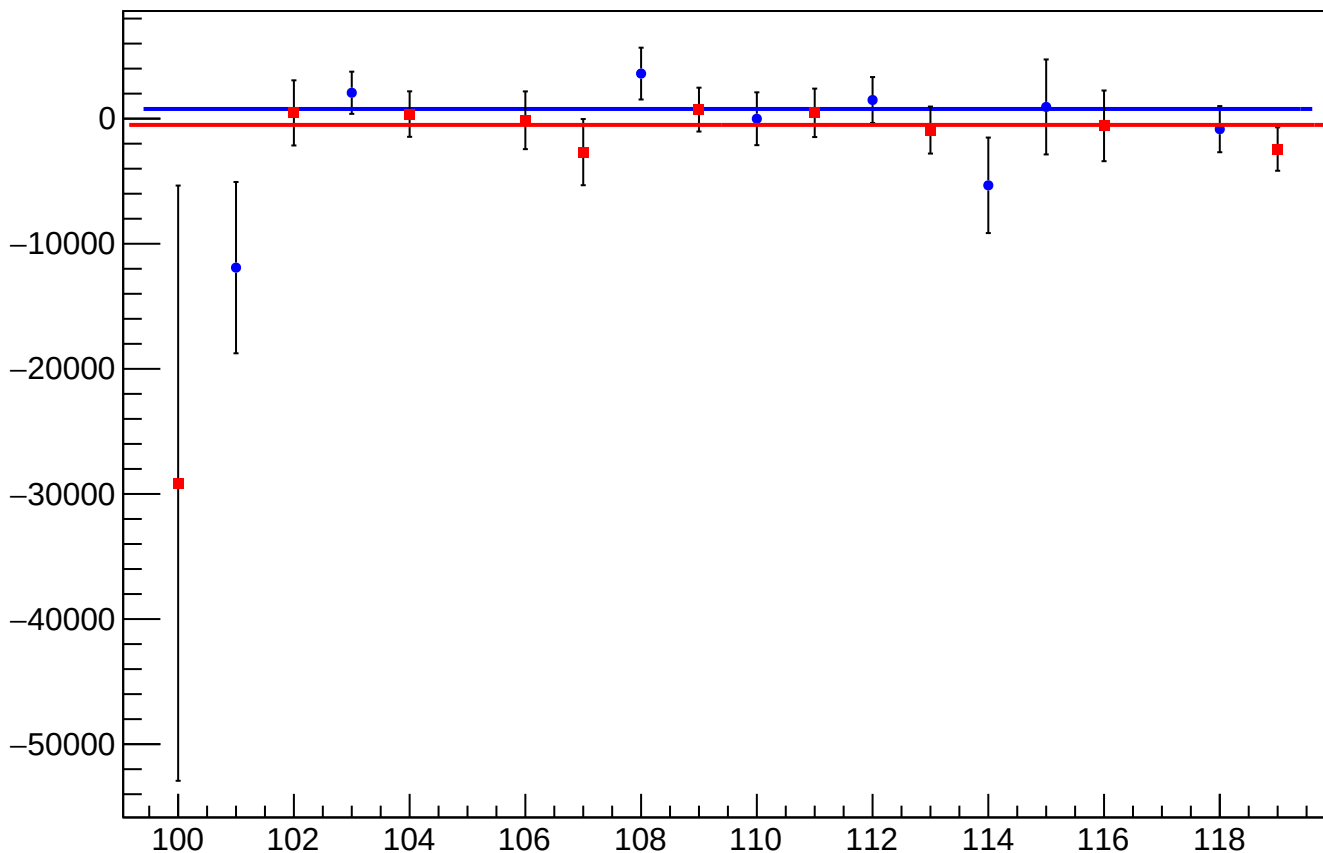
Right: 0.000+/-0.000 χ^2/NDF : 1312783.4/17

In: 0.000+/-0.000 χ^2/NDF : 371356.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1312783.4/17

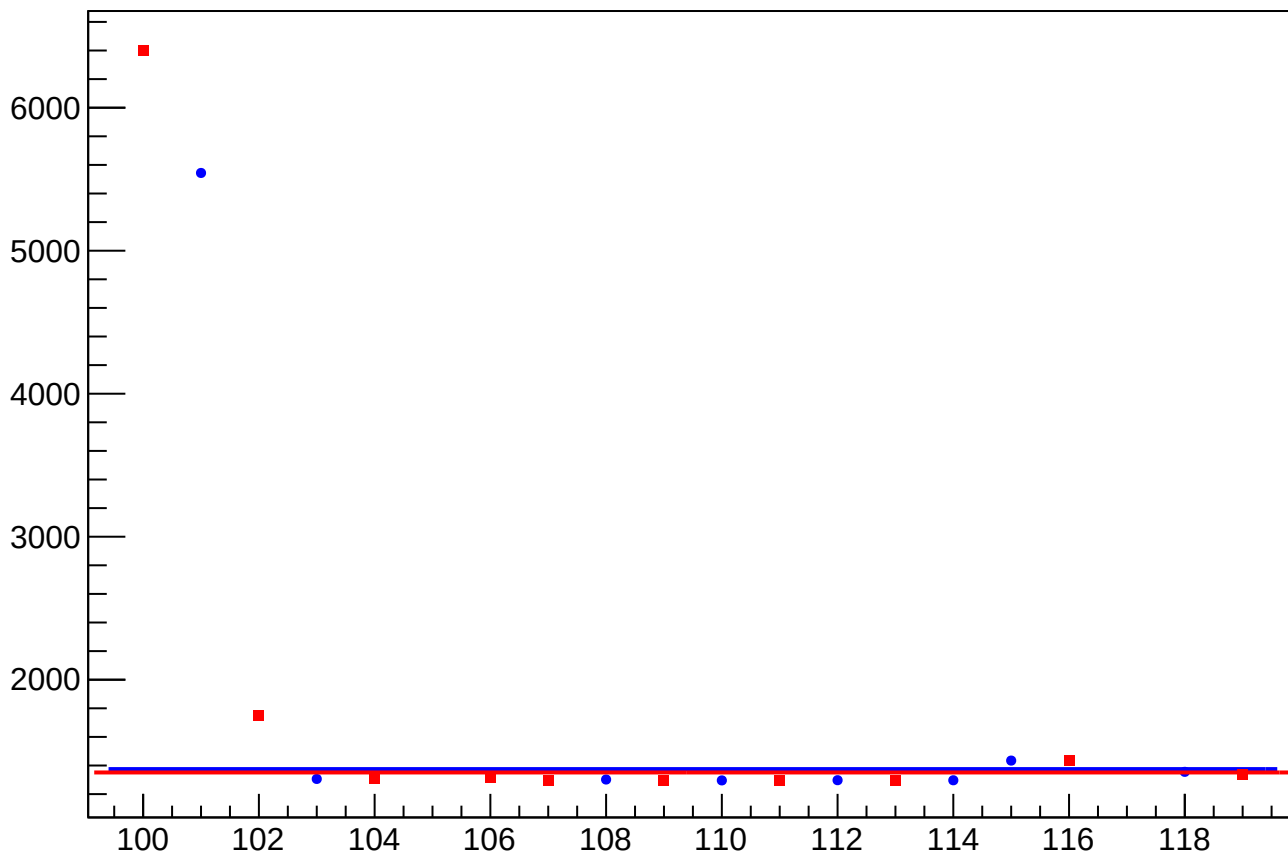
reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 774.170+/-800.690 χ^2/NDF : 9.5/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -500.453+/-687.608 χ^2/NDF : 4.5/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 40.568+/-521.651 χ^2/NDF : 15.5/17
 In: 774.170+/-800.690 χ^2/NDF : 9.5/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 40.568+/-521.651 χ^2/NDF : 15.5/17

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1374.983+/-0.566 χ^2/NDF : 755151.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1351.384+/-0.486 χ^2/NDF : 146476.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

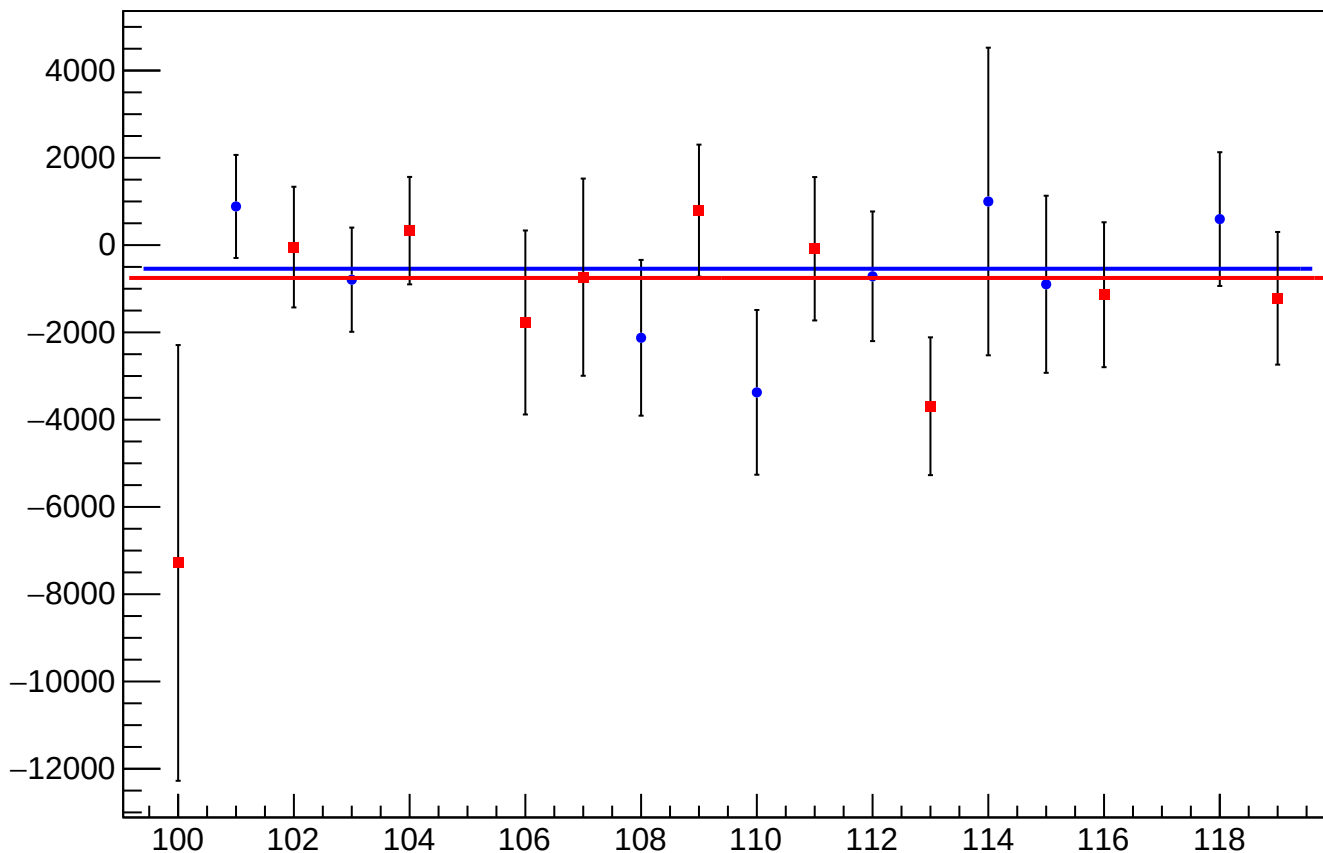
Right: 1361.400+/-0.369 χ^2/NDF : 902628.0/17

In: 1374.983+/-0.566 χ^2/NDF : 755151.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.400+/-0.369 χ^2/NDF : 902628.0/17

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -541.966+/-557.682 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -752.948+/-523.527 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

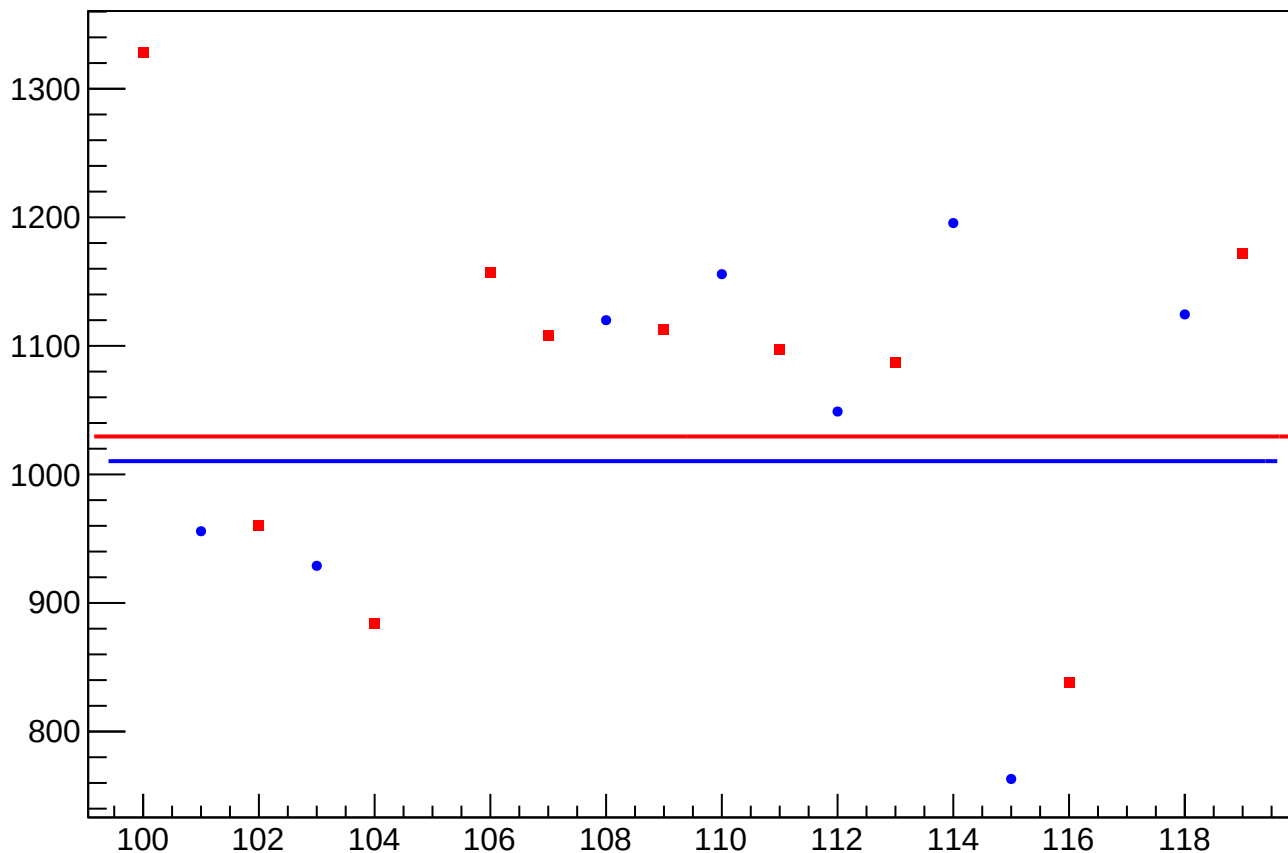
Right: -654.115+/-381.693 χ^2/NDF : 13.2/17

In: -541.966+/-557.682 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -654.115+/-381.693 χ^2/NDF : 13.2/17

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1010.329+/-0.394 χ^2/NDF : 80647.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.520+/-0.370 χ^2/NDF : 106340.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

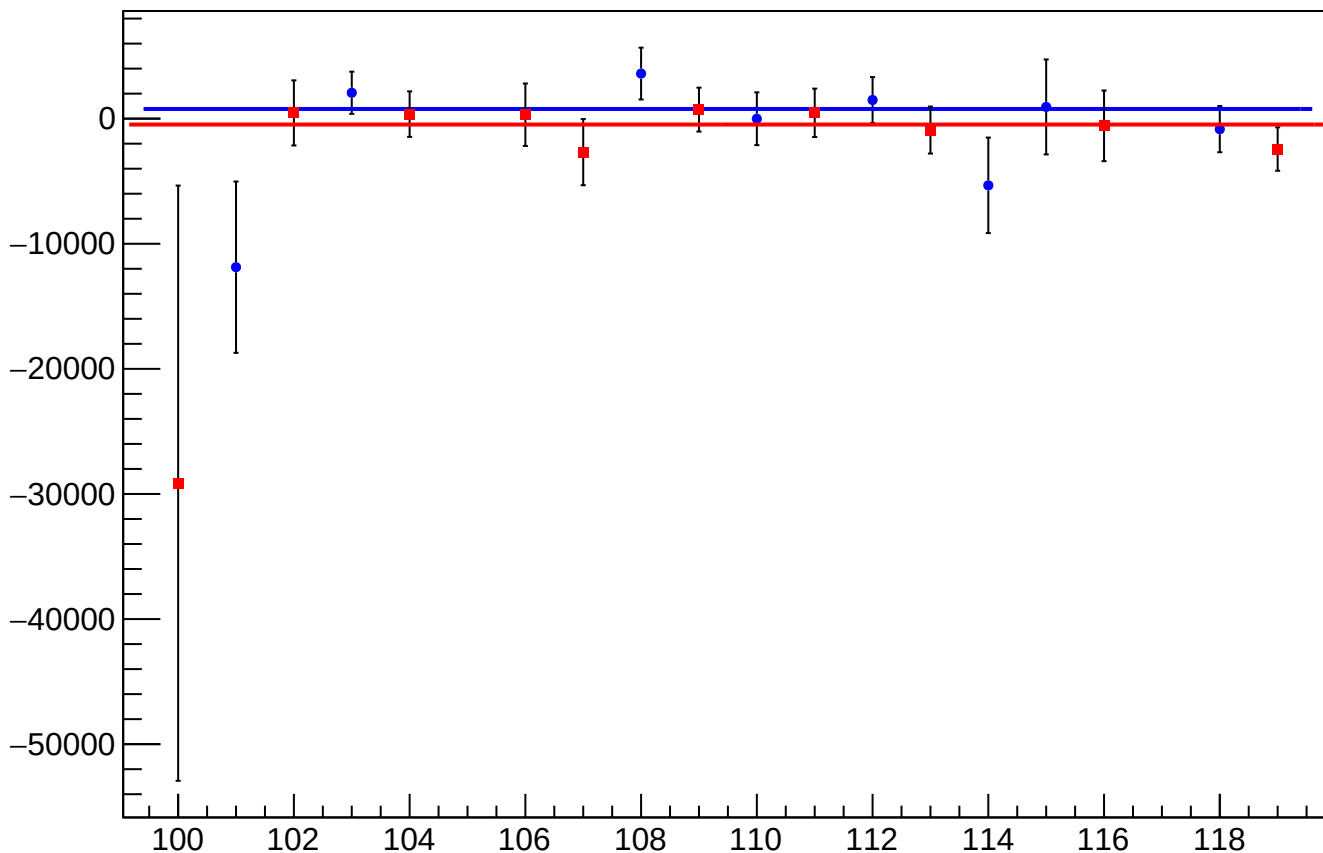
Right: 1020.530+/-0.270 χ^2/NDF : 188247.7/17

In: 1010.329+/-0.394 χ^2/NDF : 80647.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.530+/-0.270 χ^2/NDF : 188247.7/17

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 774.652+/-800.690 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -471.754+/-692.049 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

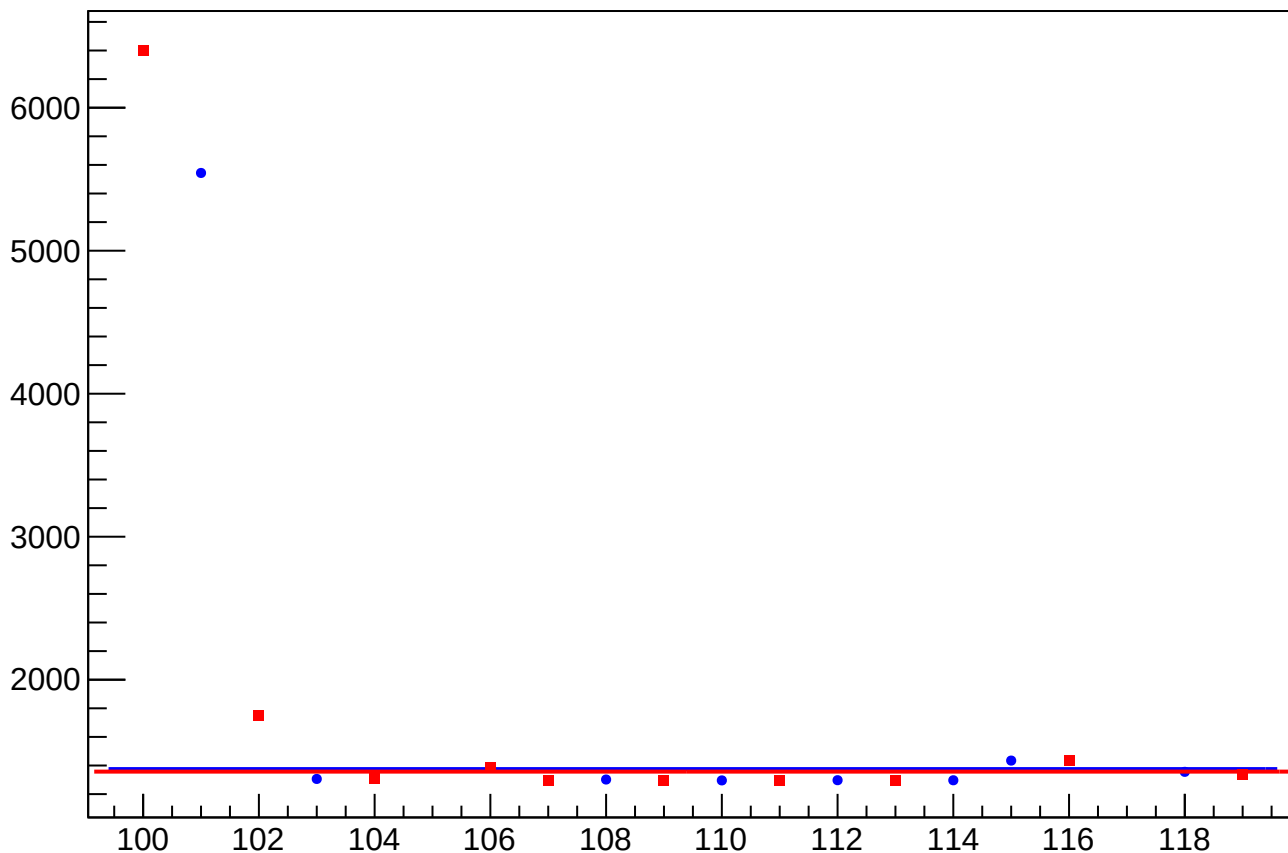
Right: 61.214+/-523.583 χ^2/NDF : 15.5/17

In: 774.652+/-800.690 χ^2/NDF :9.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.214+/-523.583 χ^2/NDF : 15.5/17

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1374.983+/-0.566 χ^2/NDF : 755150.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.306+/-0.489 χ^2/NDF : 146348.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

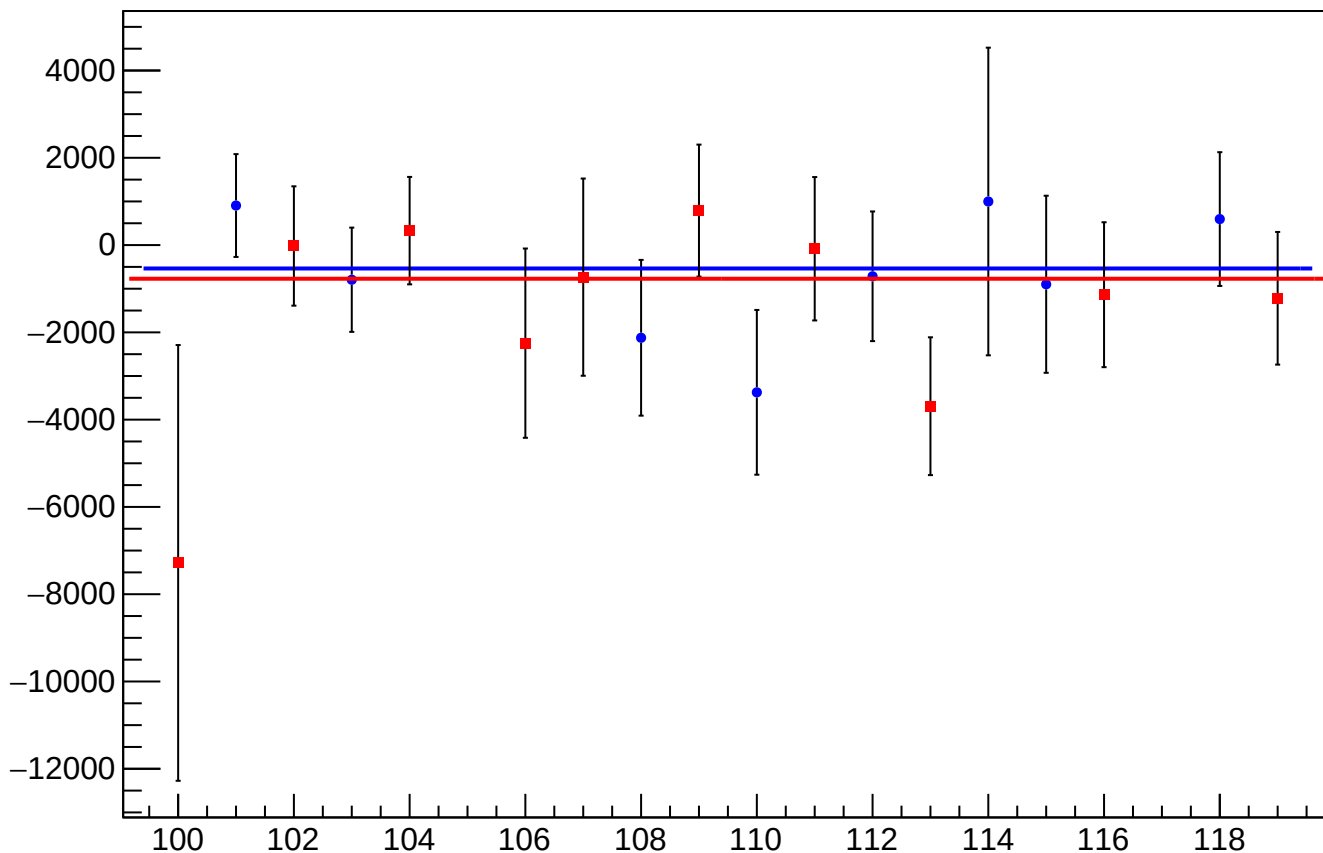
Right: 1364.865+/-0.370 χ^2/NDF : 902057.1/17

In: 1374.983+/-0.566 χ^2/NDF : 755150.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.865+/-0.370 χ^2/NDF : 902057.1/17

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -536.342+/-557.427 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -771.221+/-523.557 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

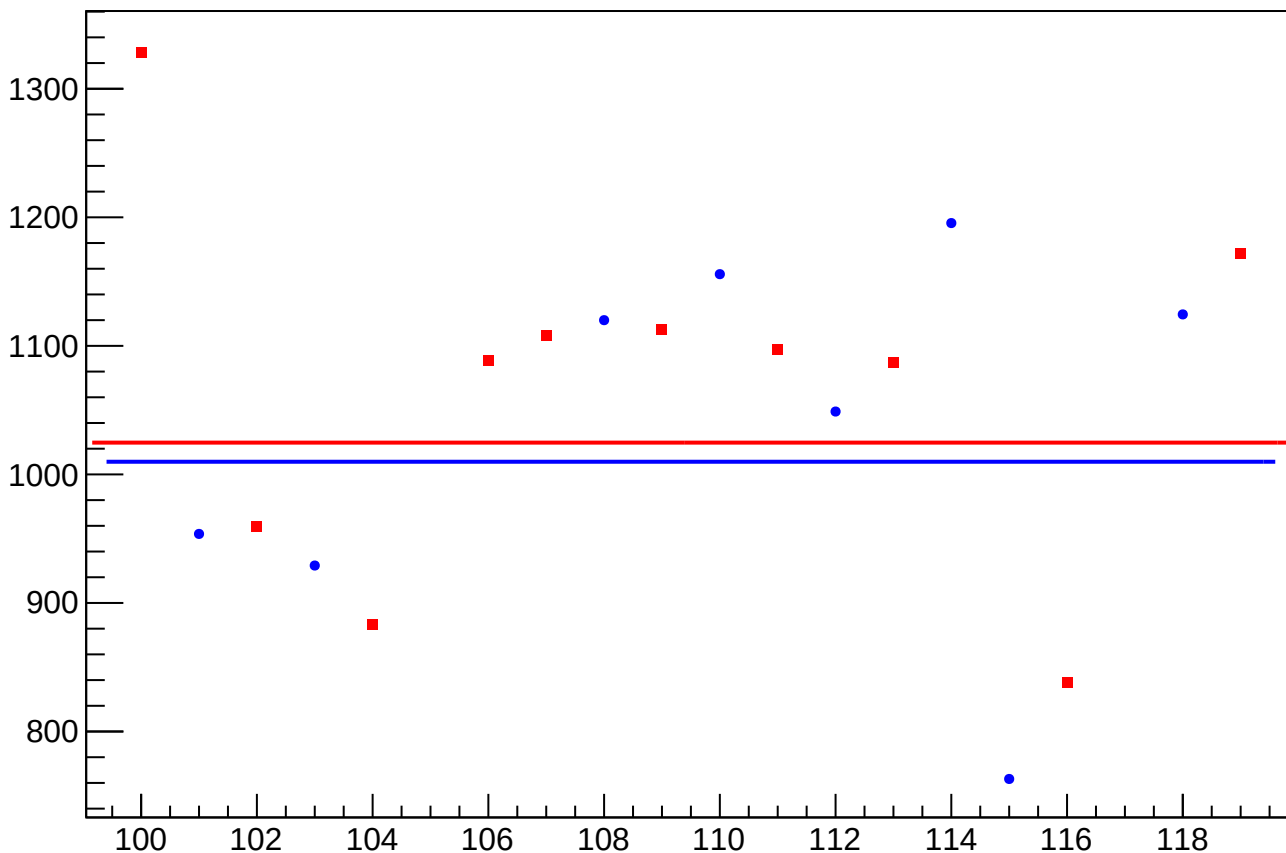
Right: -661.134+/-381.623 χ^2/NDF : 13.5/17

In: -536.342+/-557.427 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.134+/-381.623 χ^2/NDF : 13.5/17

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1009.854+/-0.394 χ^2/NDF : 80954.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.734+/-0.370 χ^2/NDF : 100582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

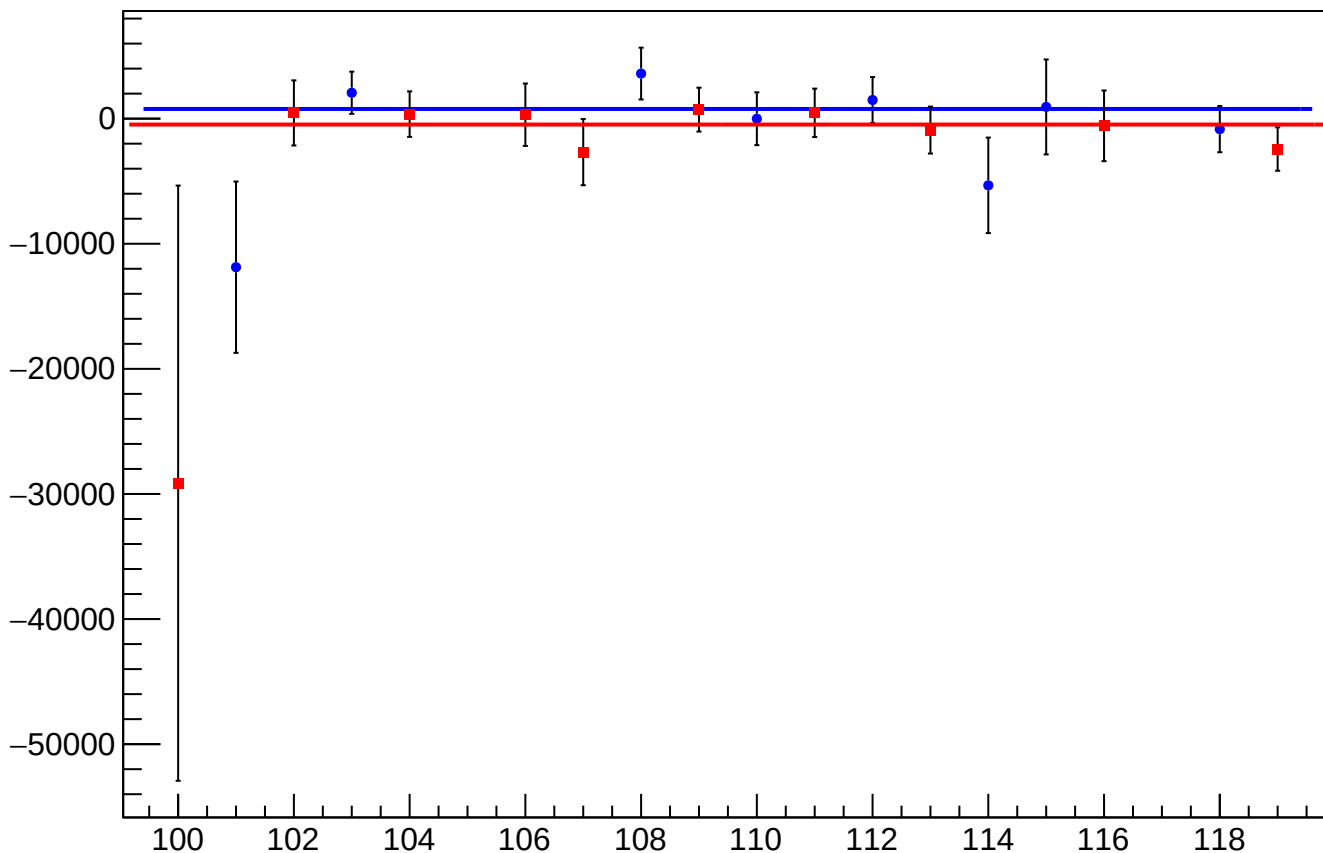
Right: 1017.760+/-0.270 χ^2/NDF : 182295.0/17

In: 1009.854+/-0.394 χ^2/NDF : 80954.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.760+/-0.270 χ^2/NDF : 182295.0/17

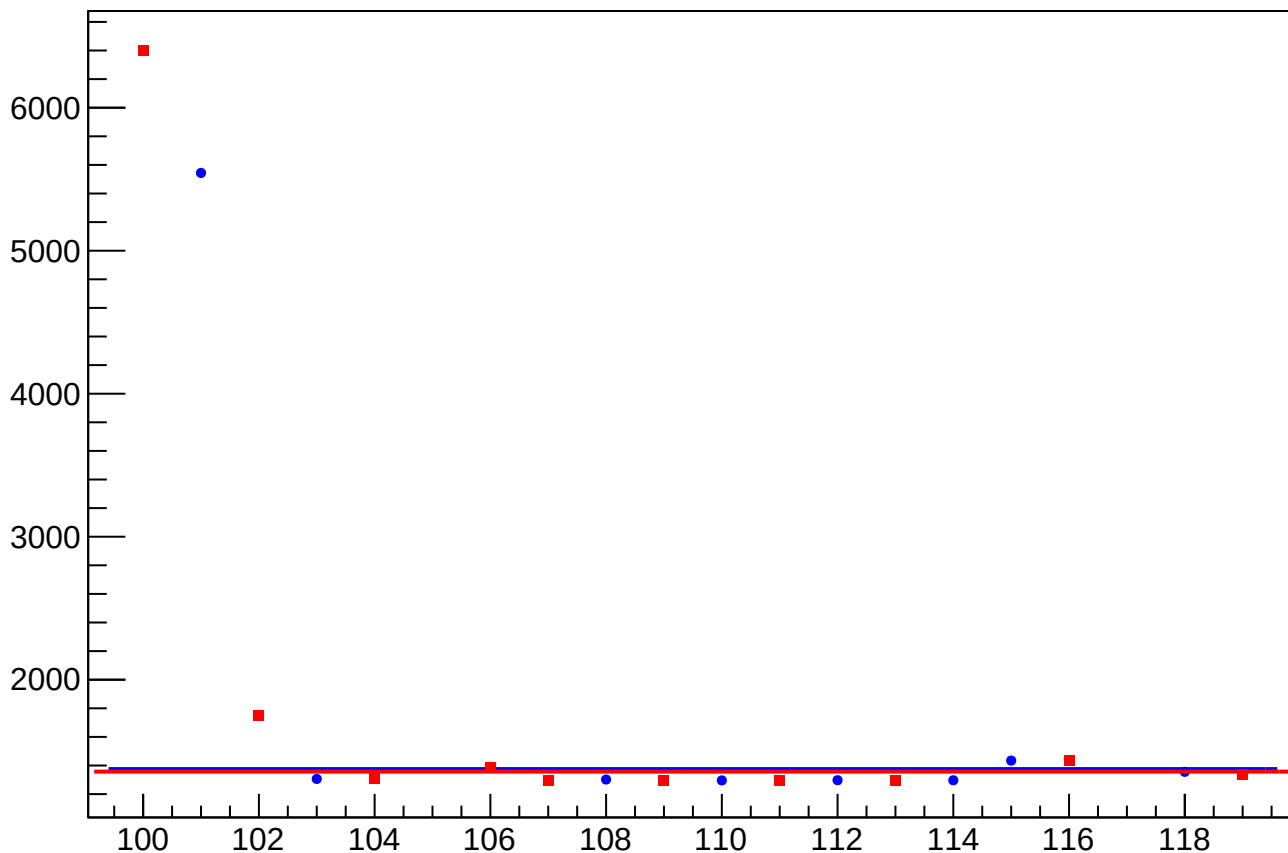
eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 774.652+/-800.690 χ^2/NDF : 9.5/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -471.754+/-692.049 χ^2/NDF : 4.6/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 61.214+/-523.583 χ^2/NDF : 15.5/17
 In: 774.652+/-800.690 χ^2/NDF :9.5/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 61.214+/-523.583 χ^2/NDF : 15.5/17

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1374.983+/-0.566 χ^2/NDF : 755150.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.306+/-0.489 χ^2/NDF : 146348.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

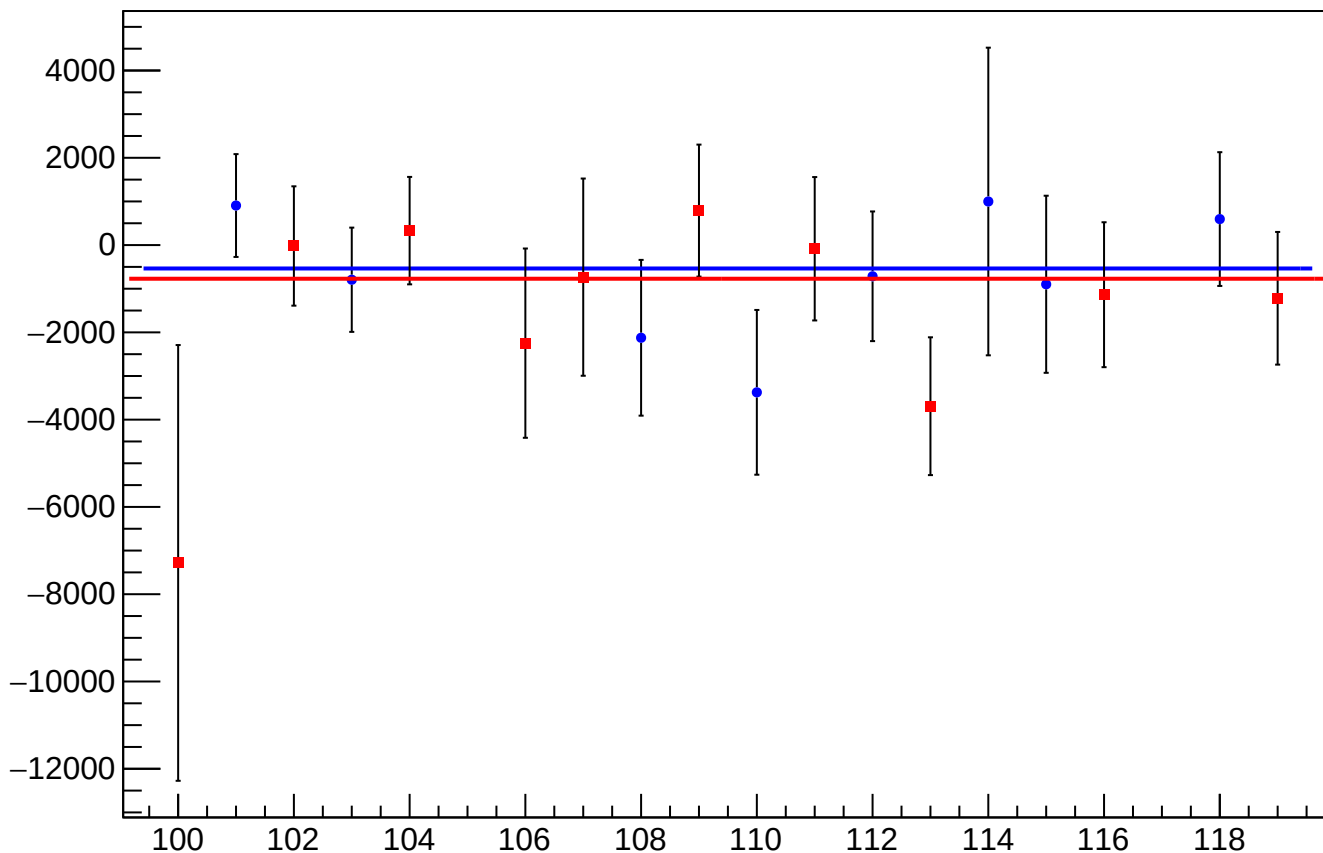
Right: 1364.865+/-0.370 χ^2/NDF : 902057.1/17

In: 1374.983+/-0.566 χ^2/NDF : 755150.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.865+/-0.370 χ^2/NDF : 902057.1/17

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -536.342+/-557.427 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -771.221+/-523.557 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

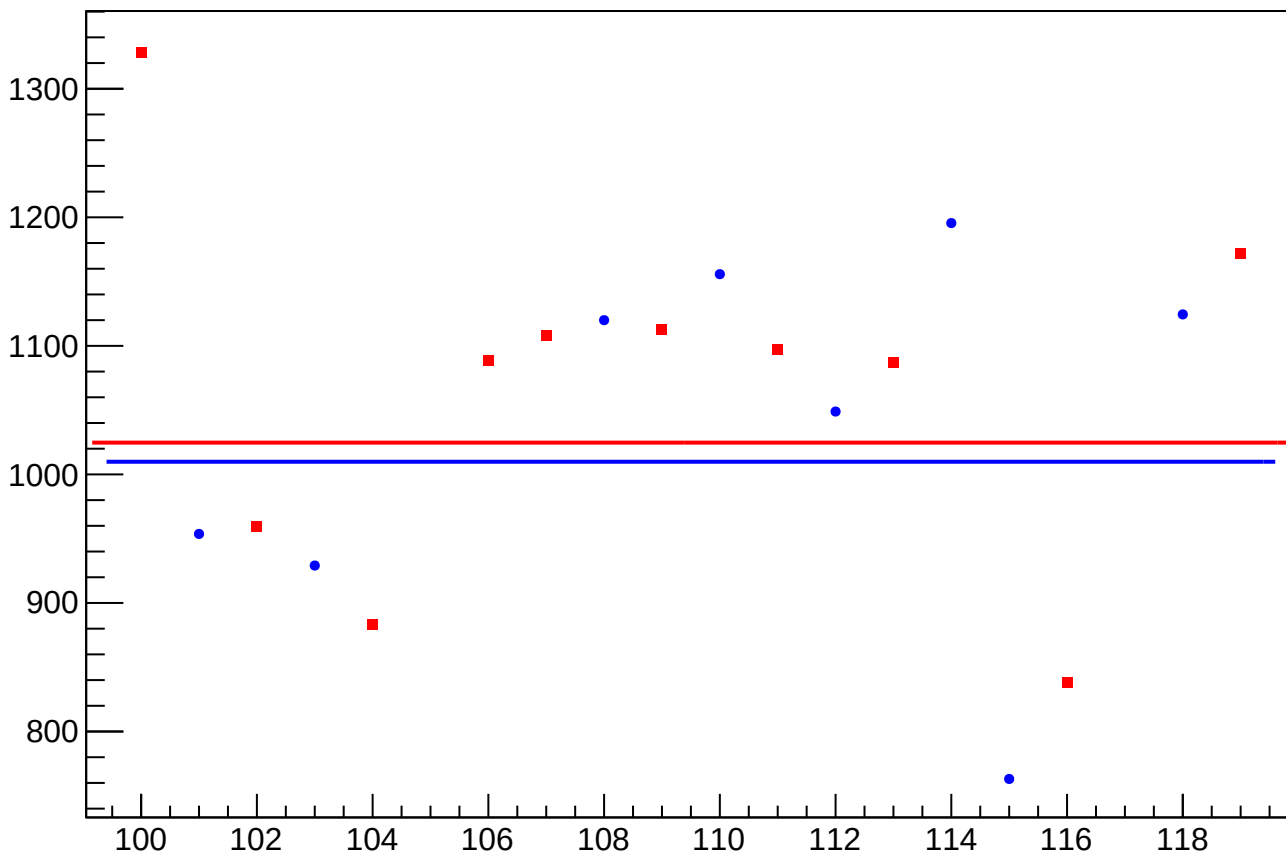
Right: -661.134+/-381.623 χ^2/NDF : 13.5/17

In: -536.342+/-557.427 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -661.134+/-381.623 χ^2/NDF : 13.5/17

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1009.854+/-0.394 χ^2/NDF : 80954.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1024.734+/-0.370 χ^2/NDF : 100582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

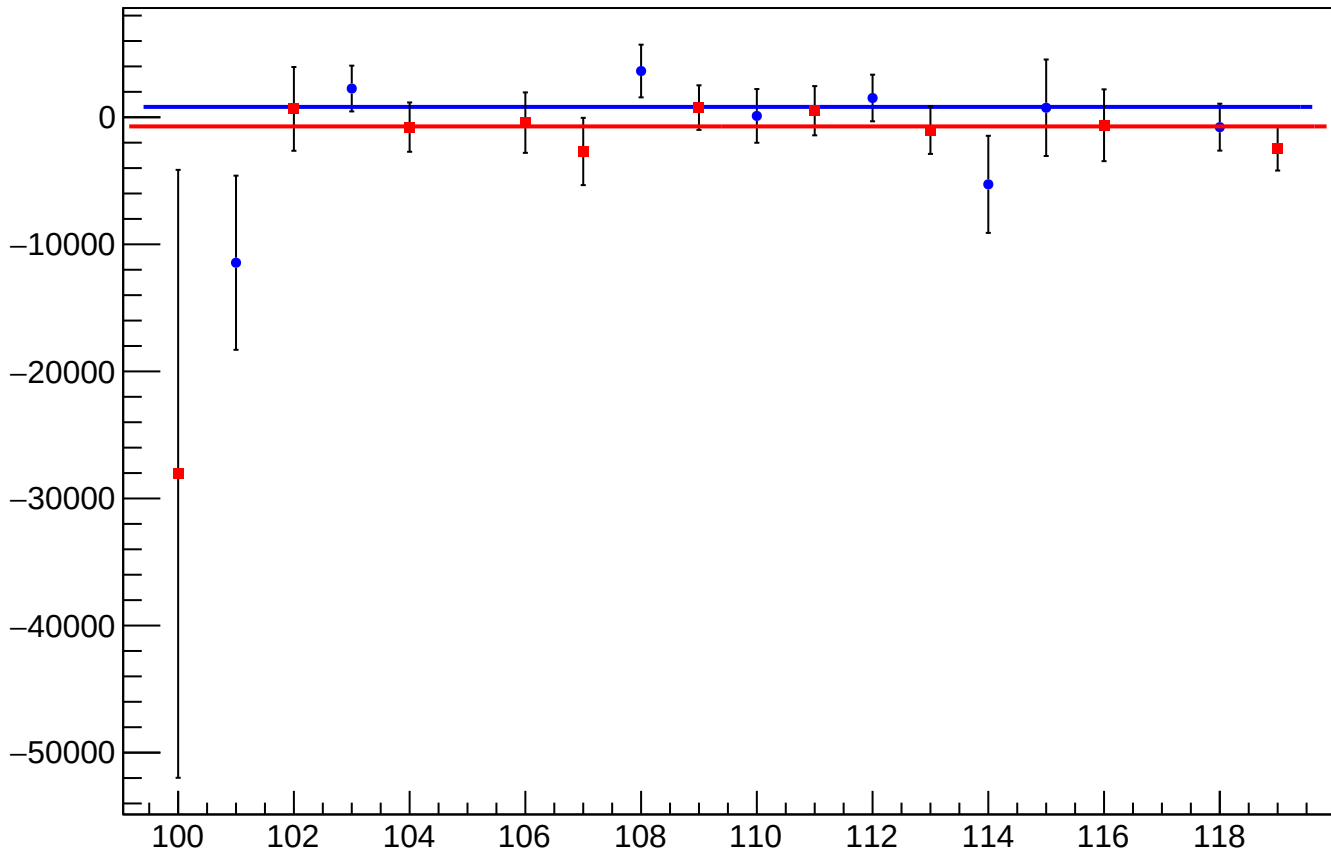
Right: 1017.760+/-0.270 χ^2/NDF : 182295.0/17

In: 1009.854+/-0.394 χ^2/NDF : 80954.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.760+/-0.270 χ^2/NDF : 182295.0/17

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 814.416+/-812.528 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -720.612+/-705.381 χ^2/NDF : 4.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

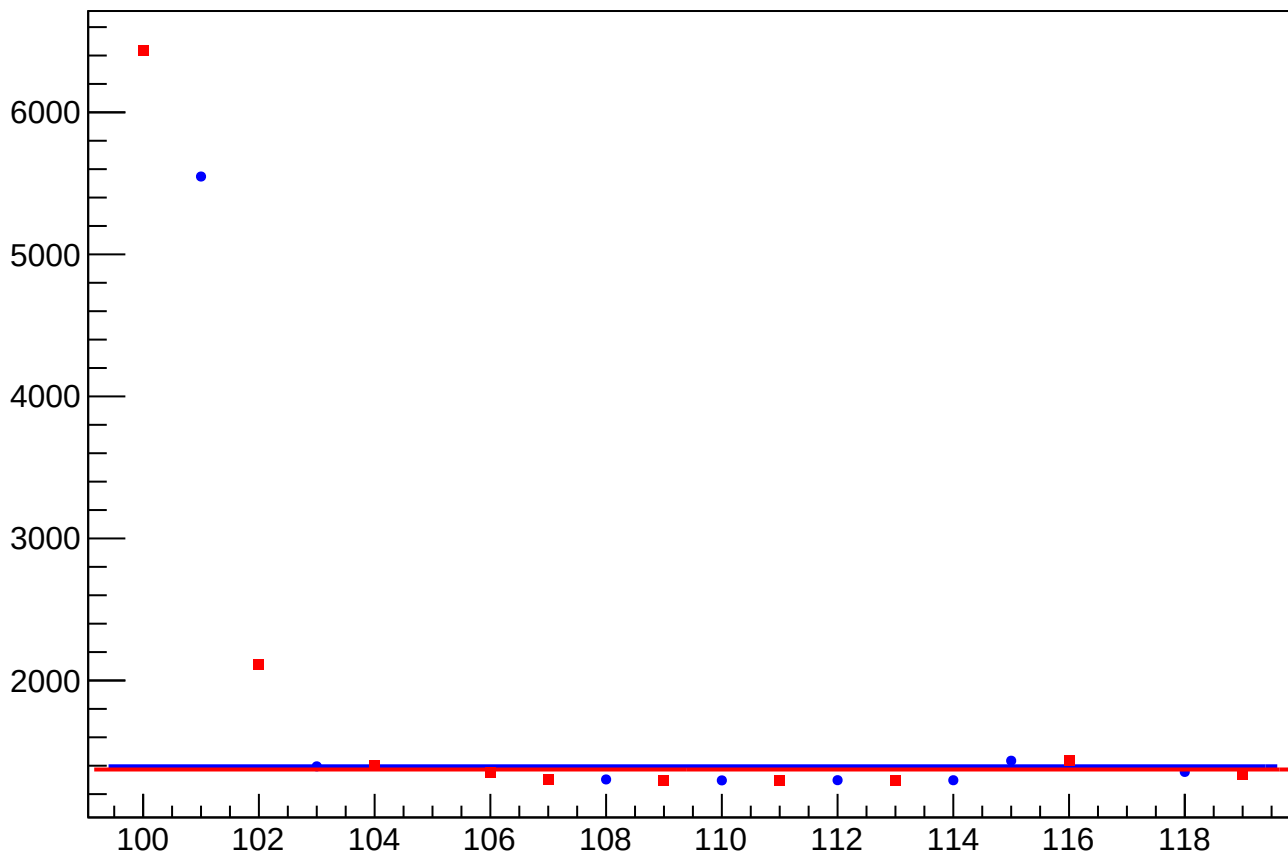
Right: -60.917+/-532.662 χ^2/NDF : 15.5/17

In: 814.416+/-812.528 χ^2/NDF :9.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.917+/-532.662 χ^2/NDF : 15.5/17

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1395.842+/-0.575 χ^2/NDF : 750888.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.289+/-0.499 χ^2/NDF : 203295.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

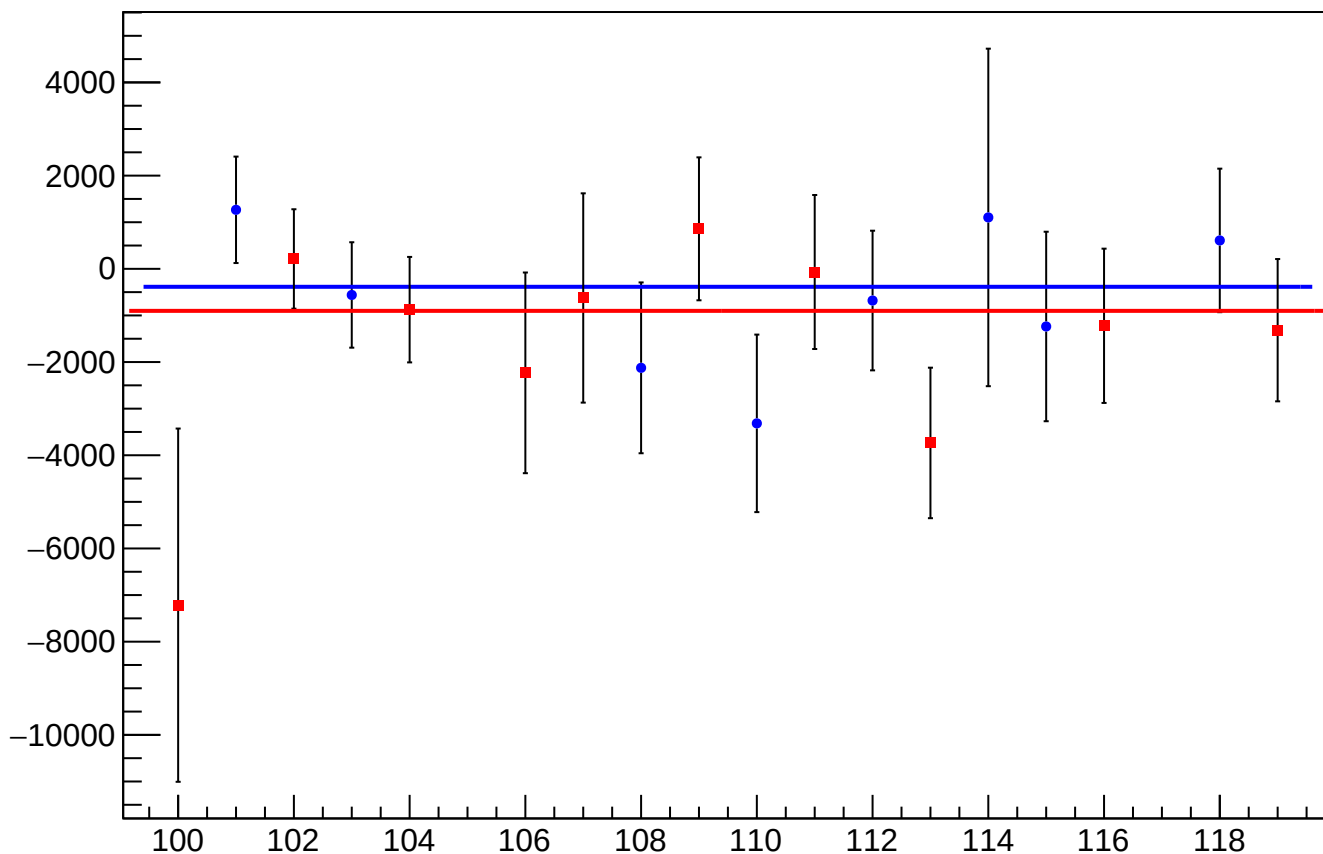
Right: 1382.981+/-0.377 χ^2/NDF : 955063.4/17

In: 1395.842+/-0.575 χ^2/NDF : 750888.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.981+/-0.377 χ^2/NDF : 955063.4/17

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -385.359+/-549.860 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -901.778+/-493.080 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

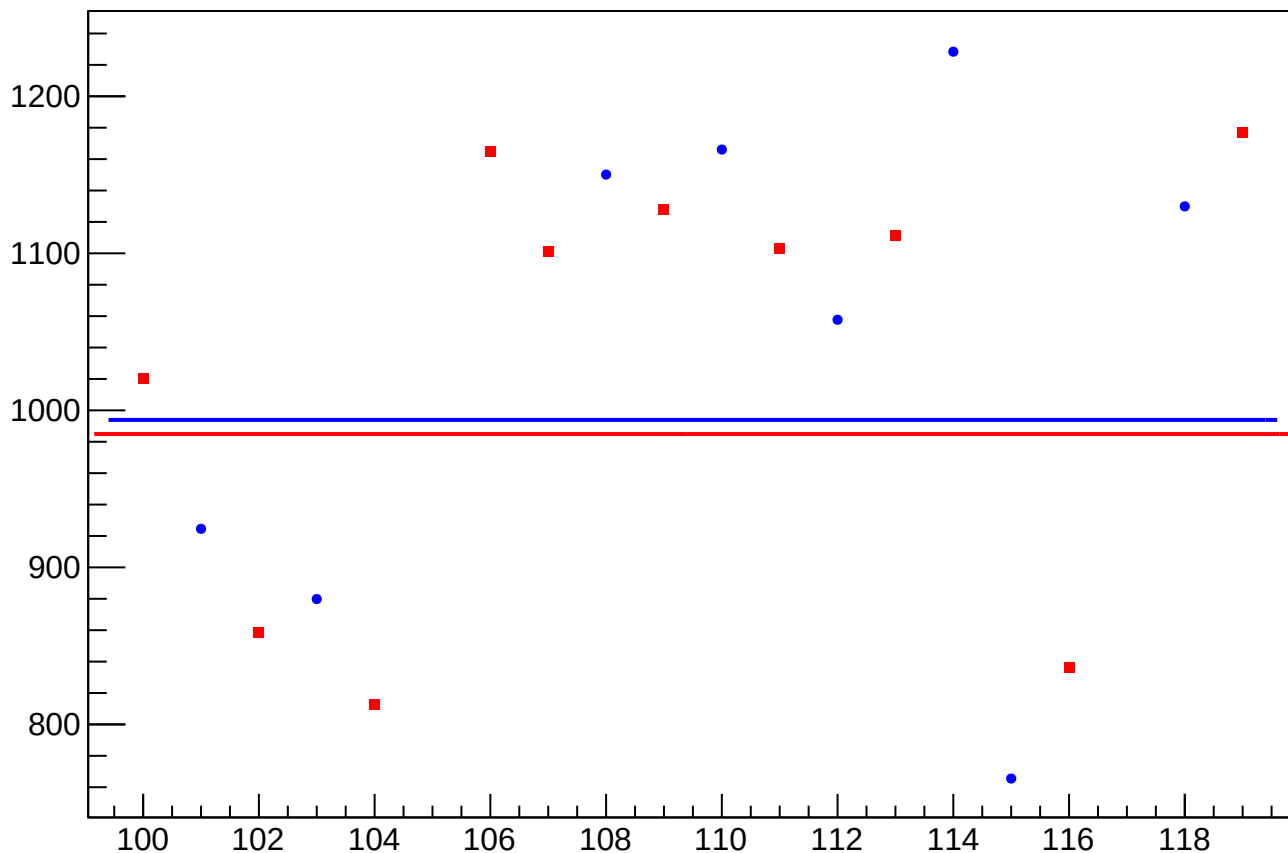
Right: -671.600+/-367.098 χ^2/NDF : 15.7/17

In: -385.359+/-549.860 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -671.600+/-367.098 χ^2/NDF : 15.7/17

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 993.915+/-0.389 χ^2/NDF : 111457.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.910+/-0.349 χ^2/NDF : 181447.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

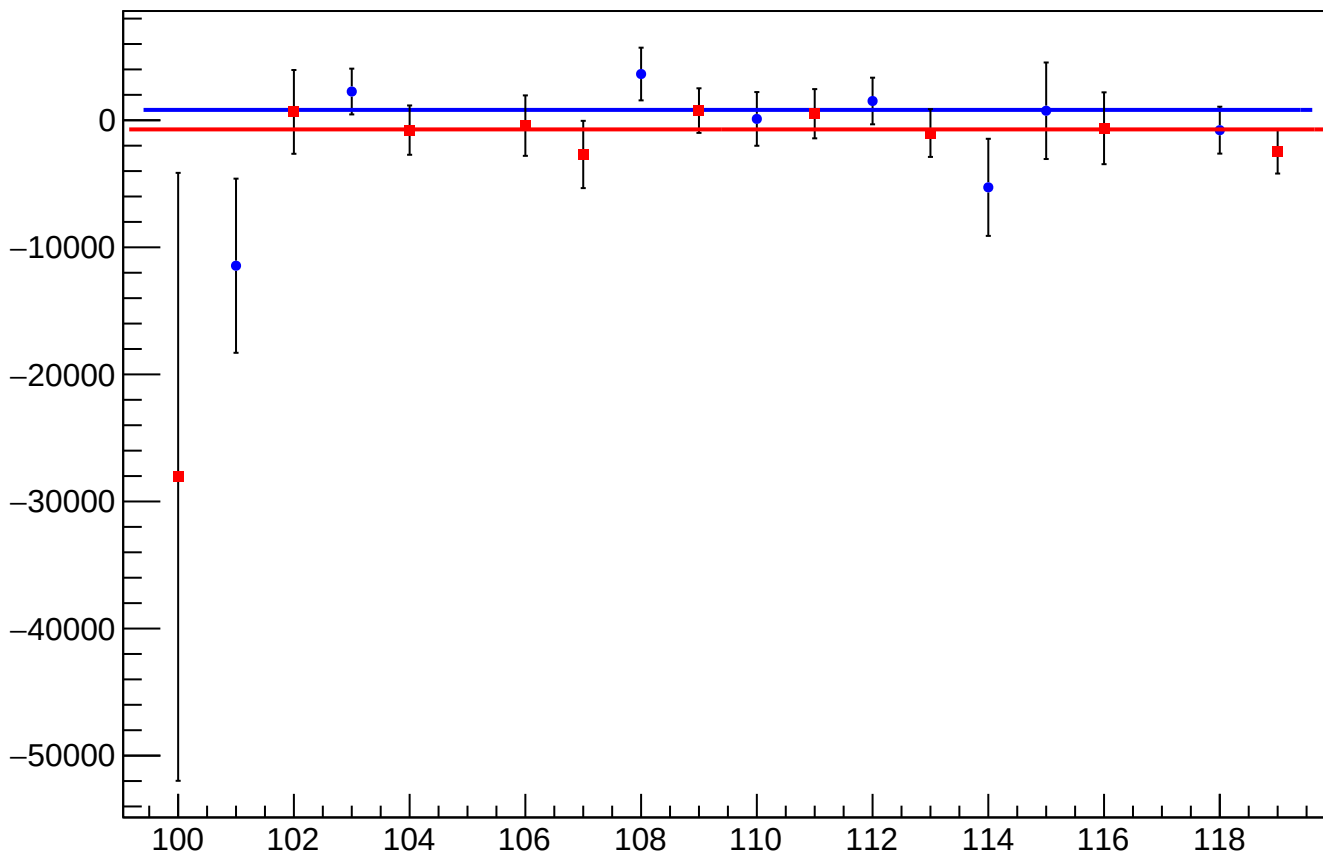
Right: 988.924+/-0.260 χ^2/NDF : 293202.6/17

In: 993.915+/-0.389 χ^2/NDF : 111457.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.924+/-0.260 χ^2/NDF : 293202.6/17

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 814.418+/-812.528 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -720.609+/-705.381 χ^2/NDF : 4.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

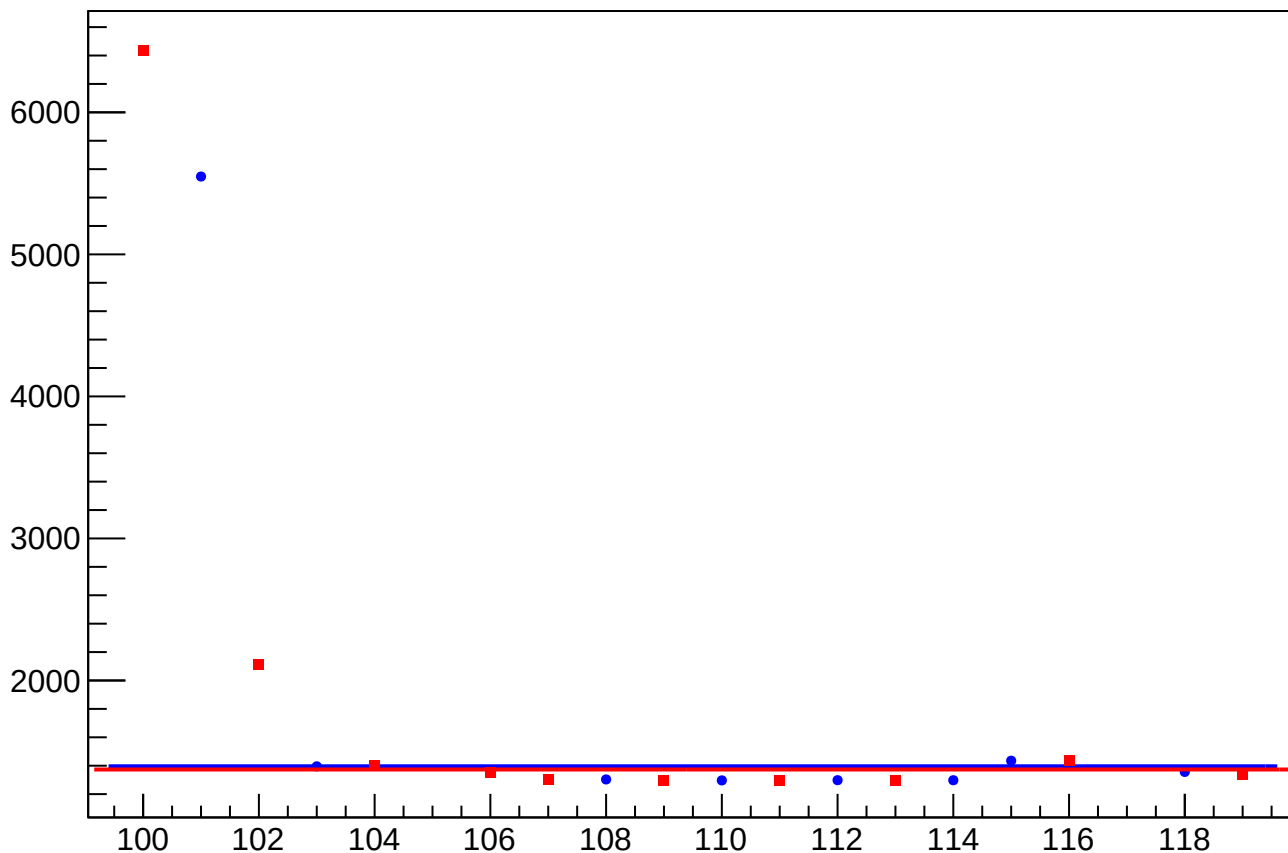
Right: -60.914+/-532.662 χ^2/NDF : 15.5/17

In: 814.418+/-812.528 χ^2/NDF :9.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -60.914+/-532.662 χ^2/NDF : 15.5/17

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1395.842+/-0.575 χ^2/NDF : 750888.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1373.289+/-0.499 χ^2/NDF : 203295.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

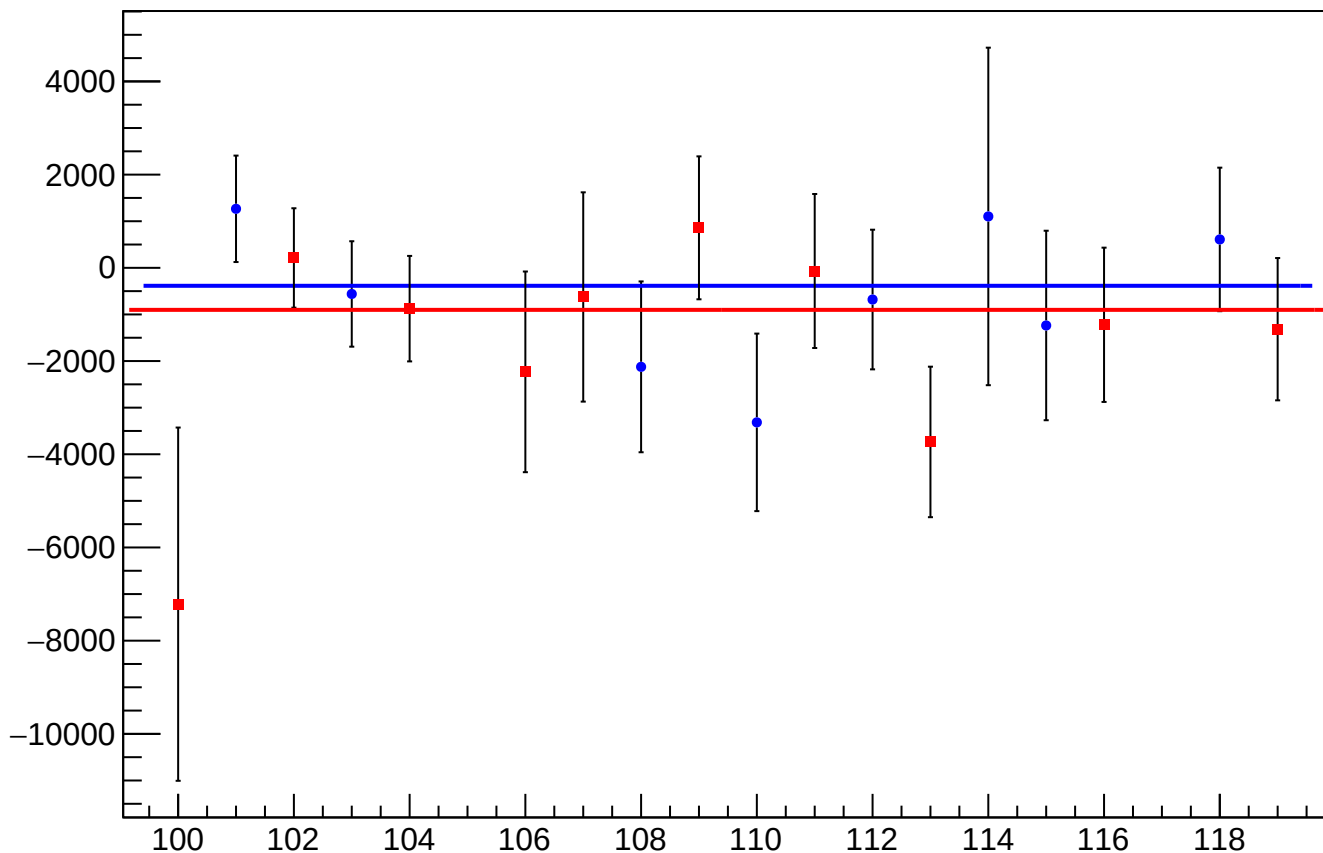
Right: 1382.981+/-0.377 χ^2/NDF : 955063.4/17

In: 1395.842+/-0.575 χ^2/NDF : 750888.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1382.981+/-0.377 χ^2/NDF : 955063.4/17

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -385.358+/-549.859 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -901.778+/-493.079 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

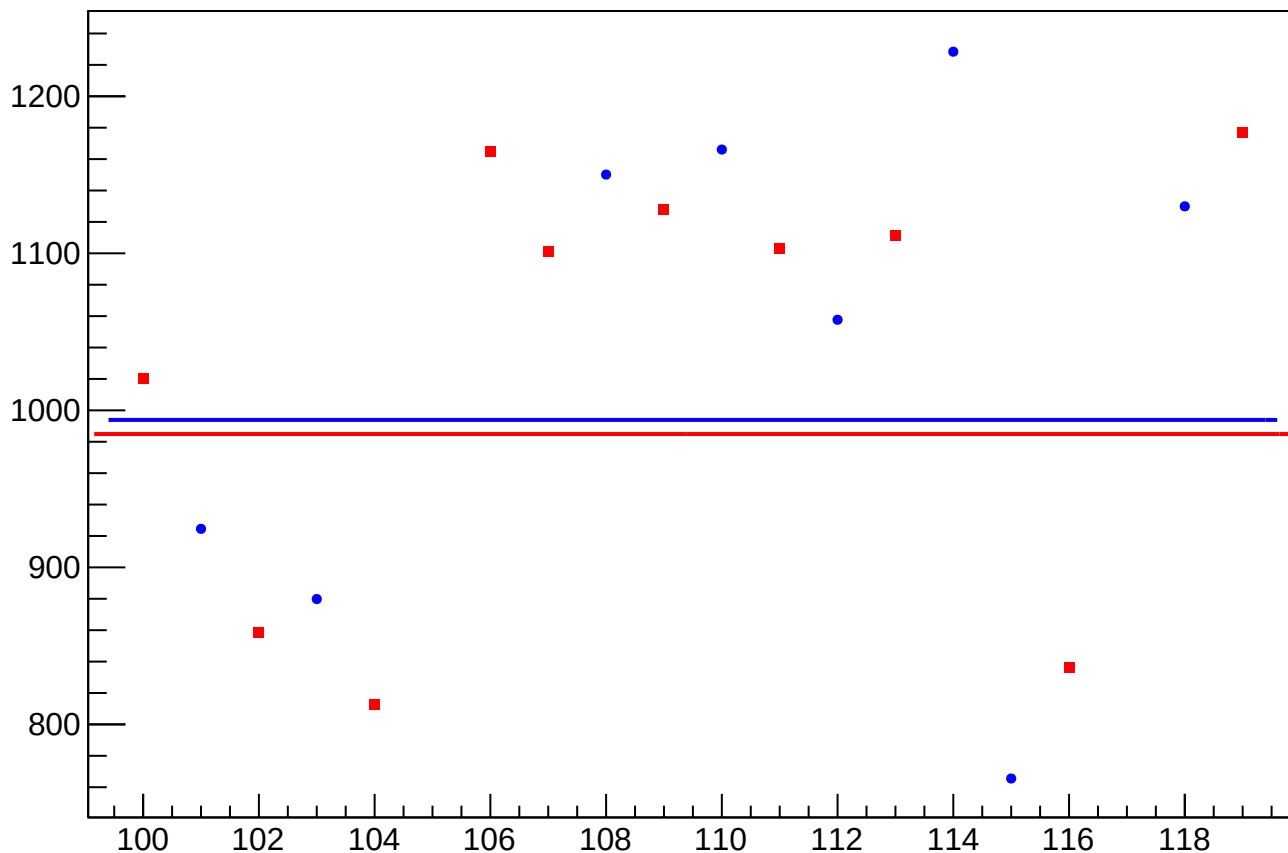
Right: -671.600+/-367.098 χ^2/NDF : 15.7/17

In: -385.358+/-549.859 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -671.600+/-367.098 χ^2/NDF : 15.7/17

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 993.913+/-0.389 χ^2/NDF : 111455.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 984.910+/-0.349 χ^2/NDF : 181443.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

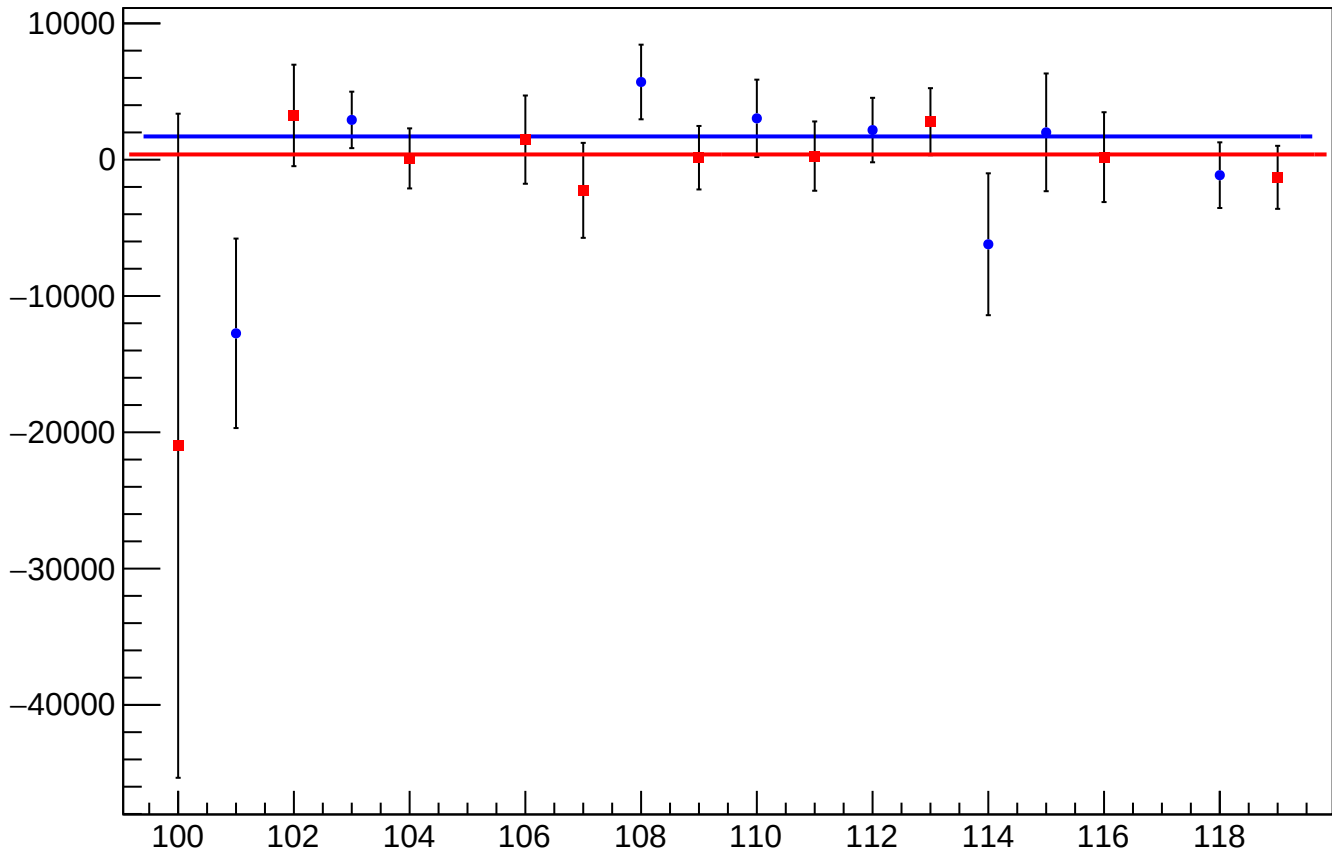
Right: 988.923+/-0.260 χ^2/NDF : 293196.0/17

In: 993.913+/-0.389 χ^2/NDF : 111455.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.923+/-0.260 χ^2/NDF : 293196.0/17

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 1705.344+/-1024.373 χ^2/NDF : 10.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.492+/-897.615 χ^2/NDF : 3.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

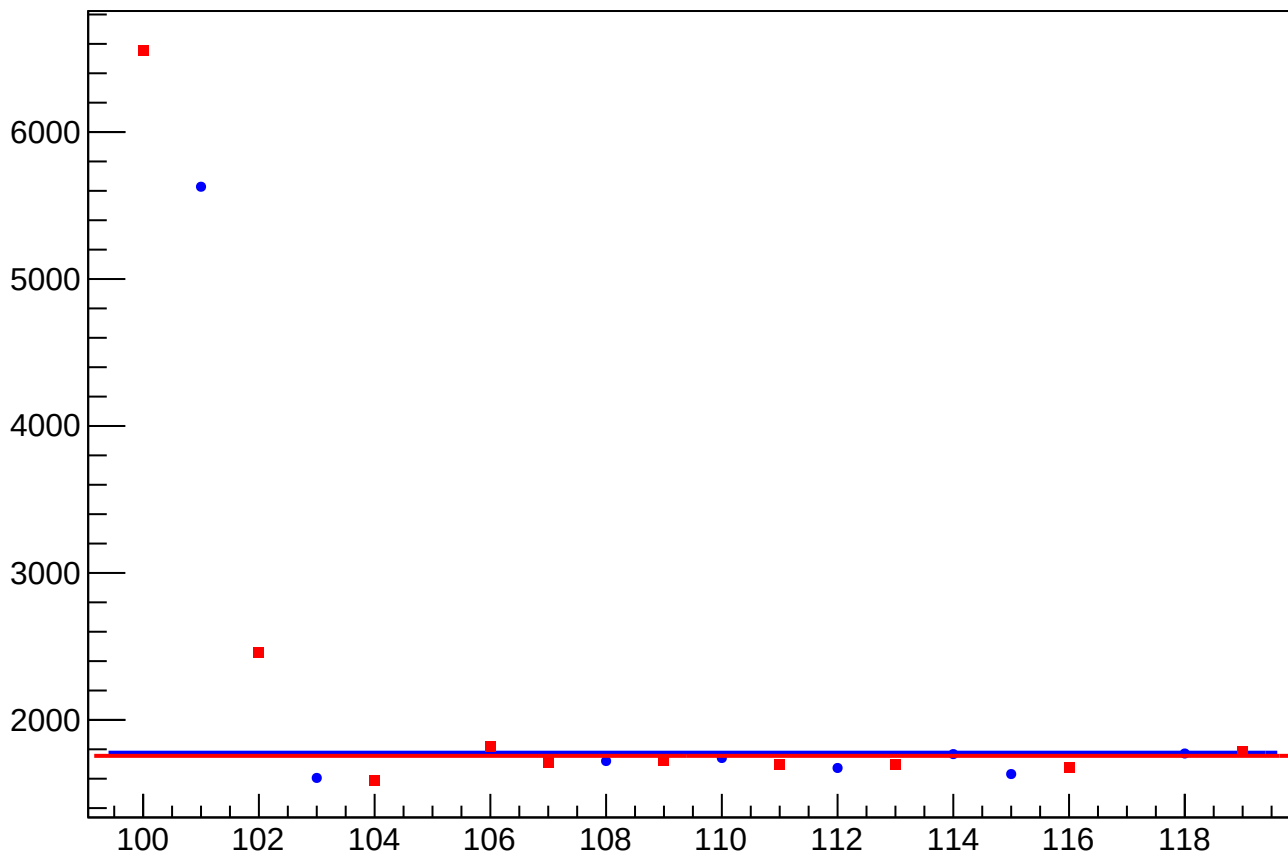
Right: 958.183+/-675.103 χ^2/NDF : 15.3/17

In: 1705.344+/-1024.373 χ^2/NDF : 10.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 958.183+/-675.103 χ^2/NDF : 15.3/17

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1776.952+/-0.724 χ^2/NDF : 635031.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.461+/-0.635 χ^2/NDF : 165577.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

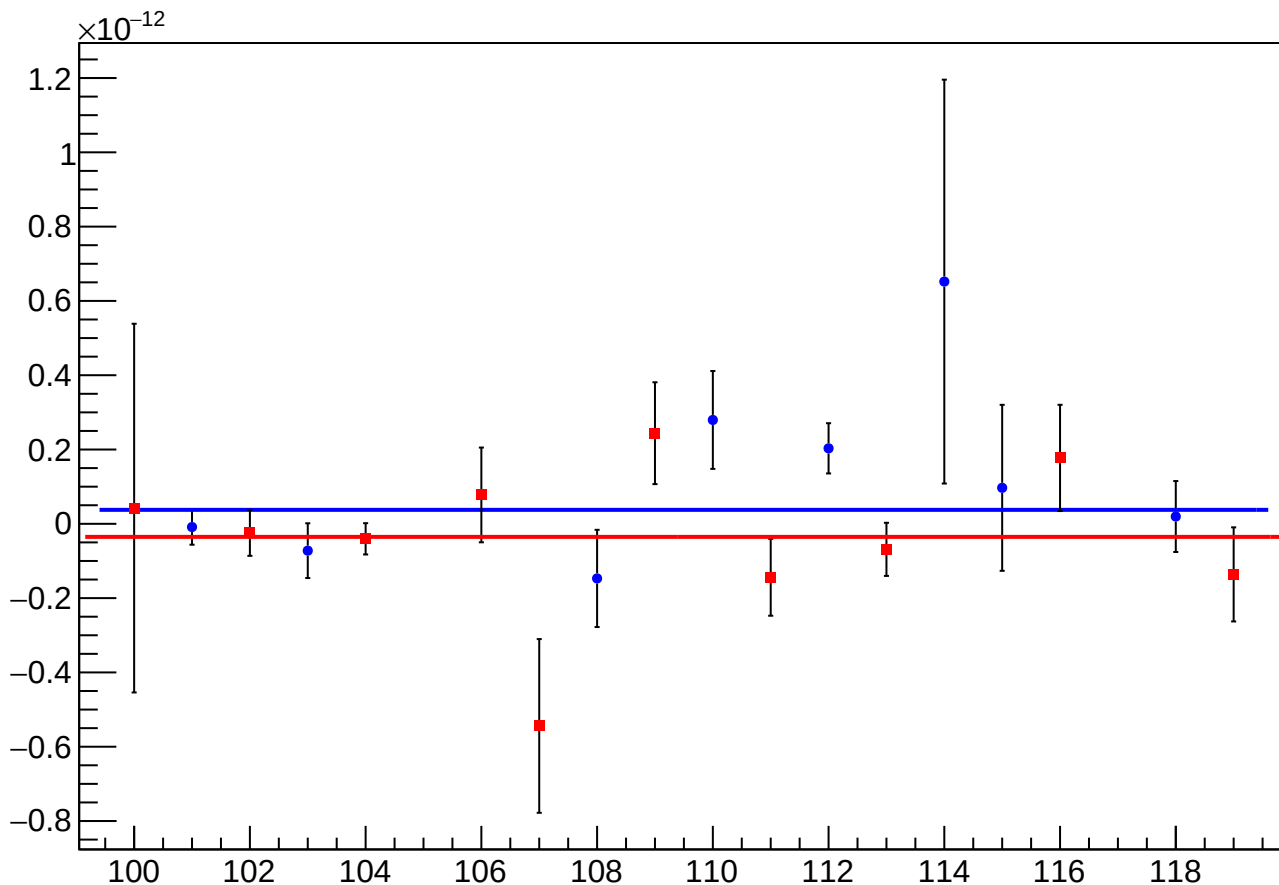
Right: 1764.795+/-0.477 χ^2/NDF : 801106.8/17

In: 1776.952+/-0.724 χ^2/NDF : 635031.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1764.795+/-0.477 χ^2/NDF : 801106.8/17

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

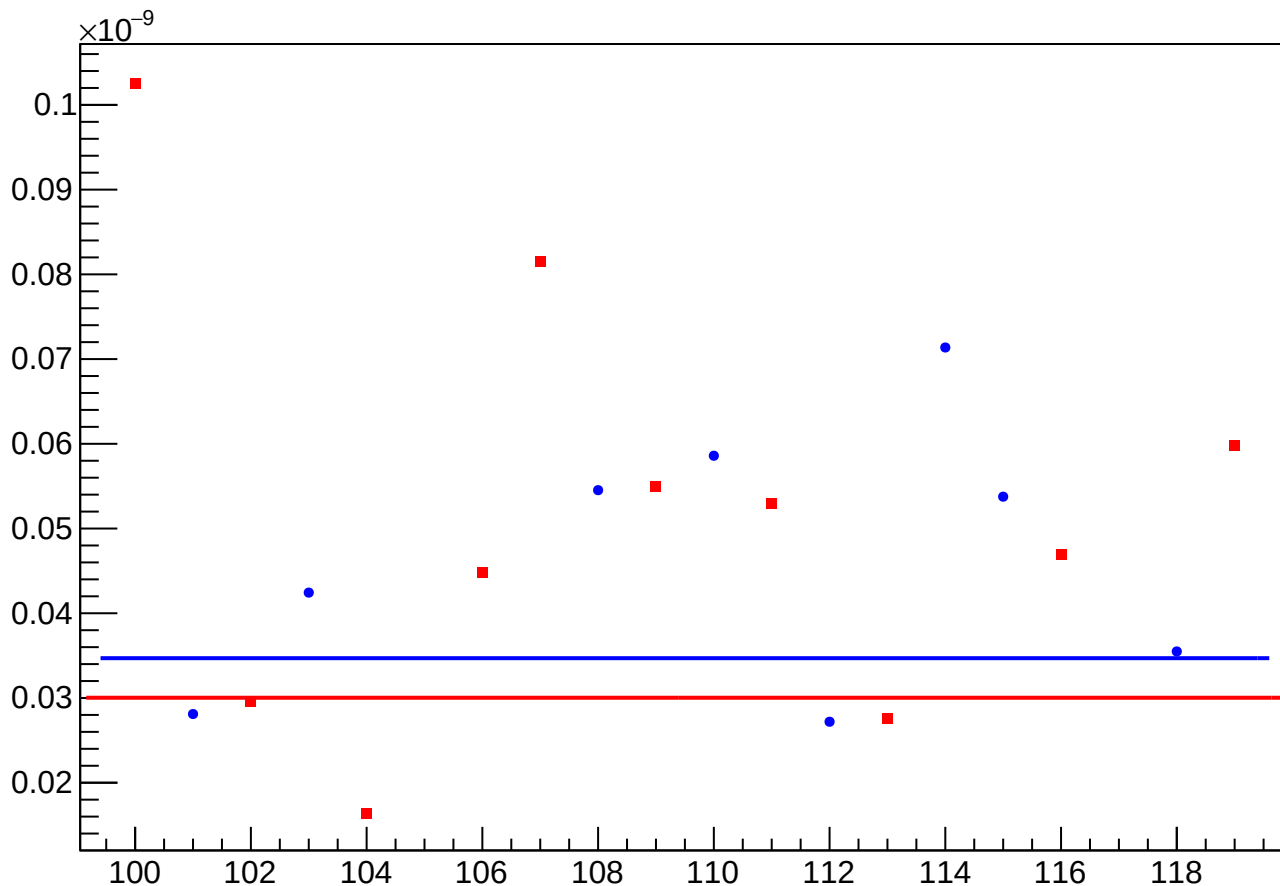
Right: -0.000+/-0.000 χ^2/NDF : 33.0/17

In: 0.000+/-0.000 χ^2/NDF : 15.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.0/17

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 220616.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 683175.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

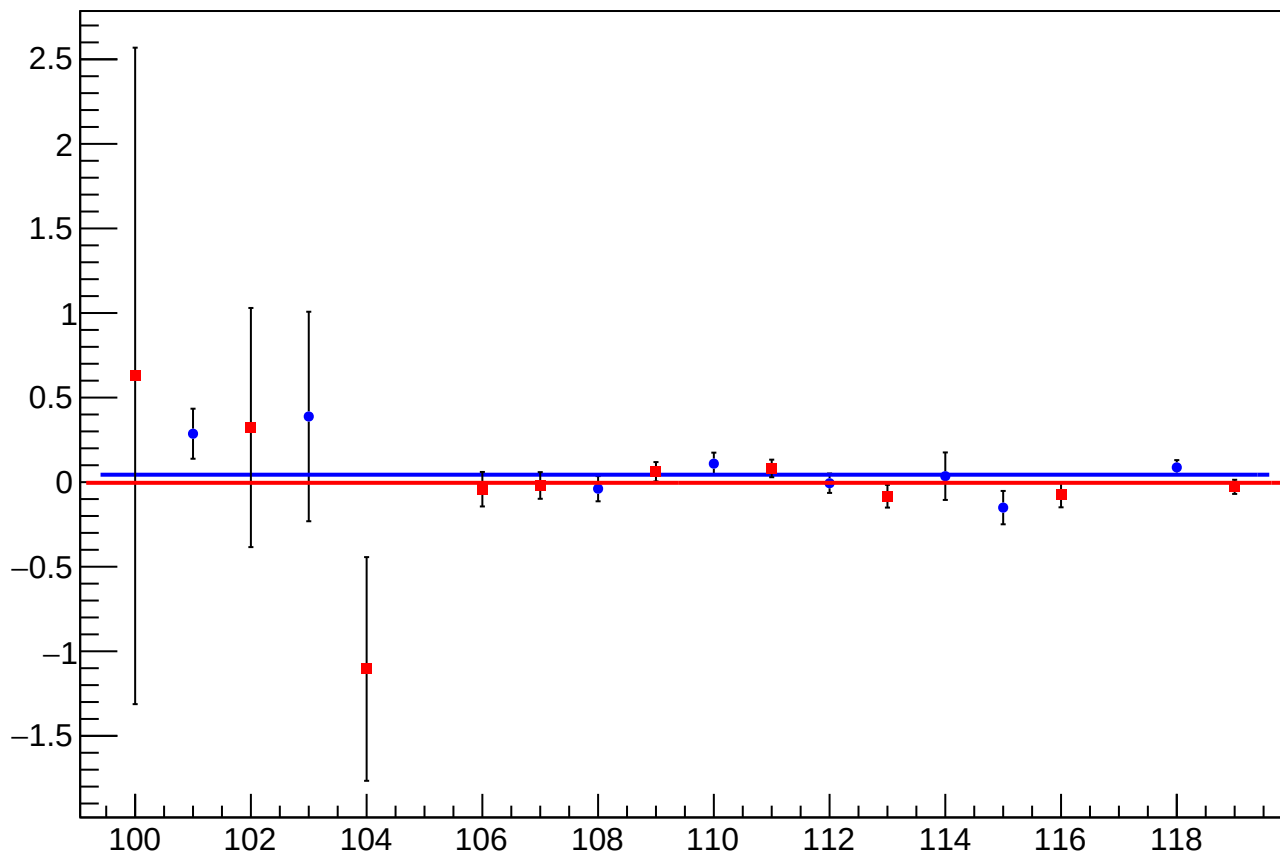
Right: 0.000+/-0.000 χ^2/NDF : 930245.7/17

In: 0.000+/-0.000 χ^2/NDF : 220616.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 930245.7/17

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

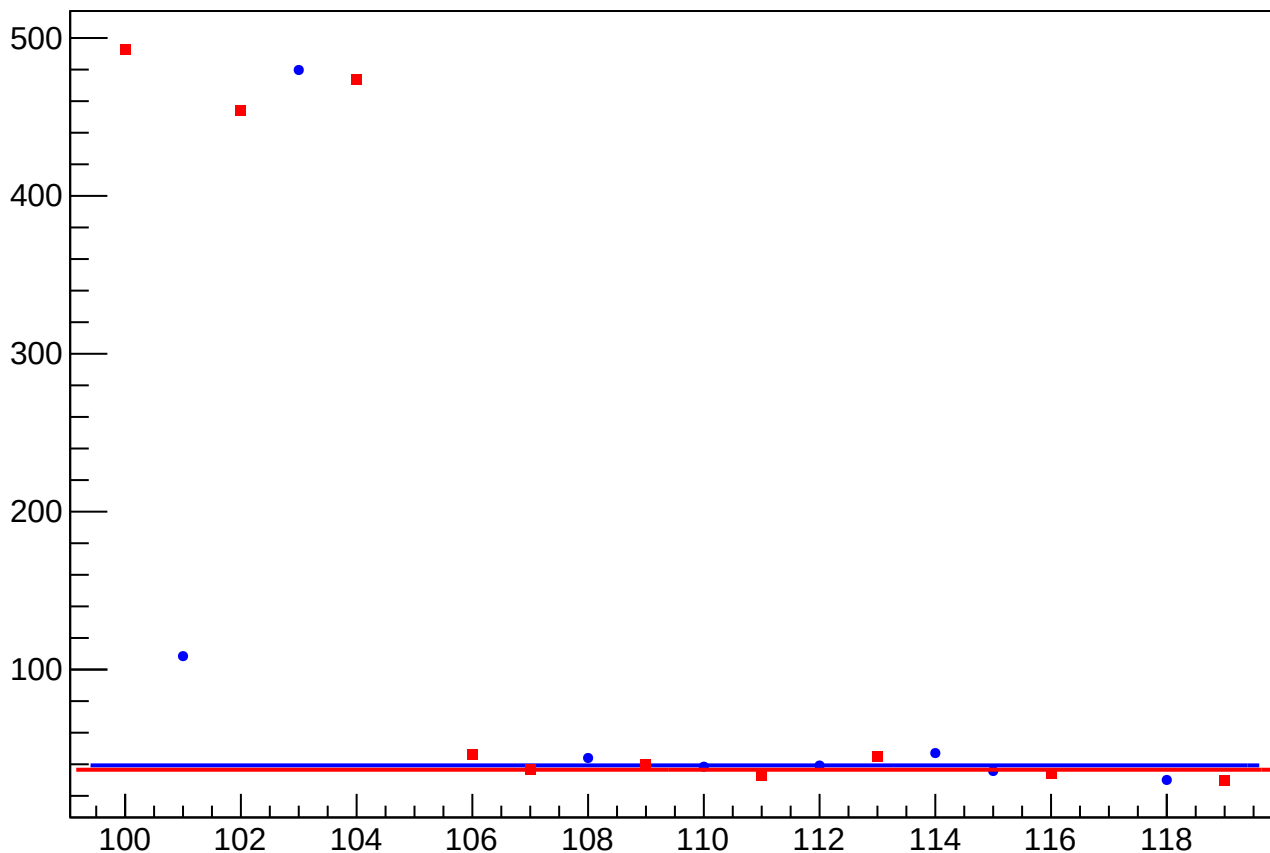
Right: 0.017+/-0.017 χ^2/NDF : 22.7/17

In: 0.044+/-0.026 χ^2/NDF :10.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.017+/-0.017 χ^2/NDF : 22.7/17

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 39.298+/-0.019 χ^2/NDF : 1557556.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.547+/-0.016 χ^2/NDF : 1807142.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

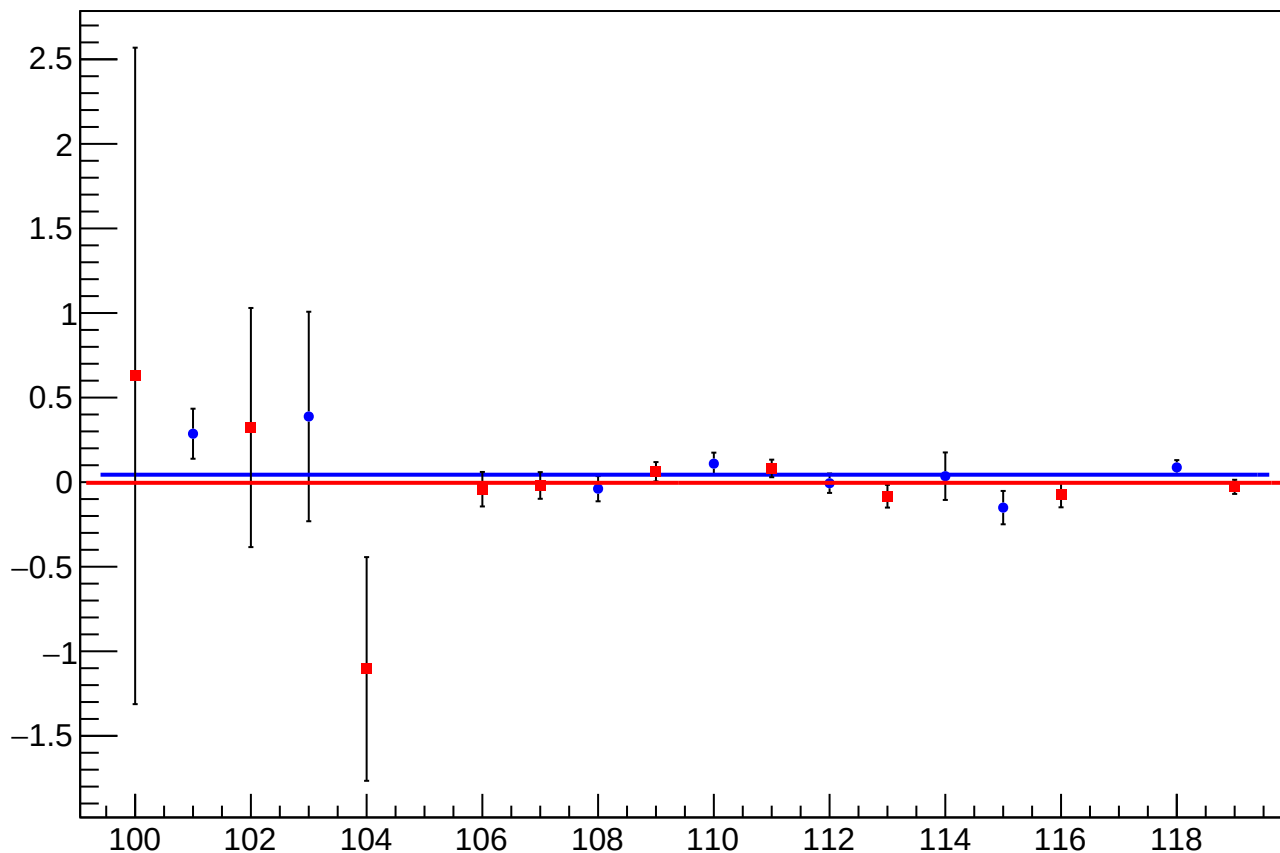
Right: 37.737+/-0.012 χ^2/NDF : 3377235.6/17

In: 39.298+/-0.019 χ^2/NDF : 1557556.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.737+/-0.012 χ^2/NDF : 3377235.6/17

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

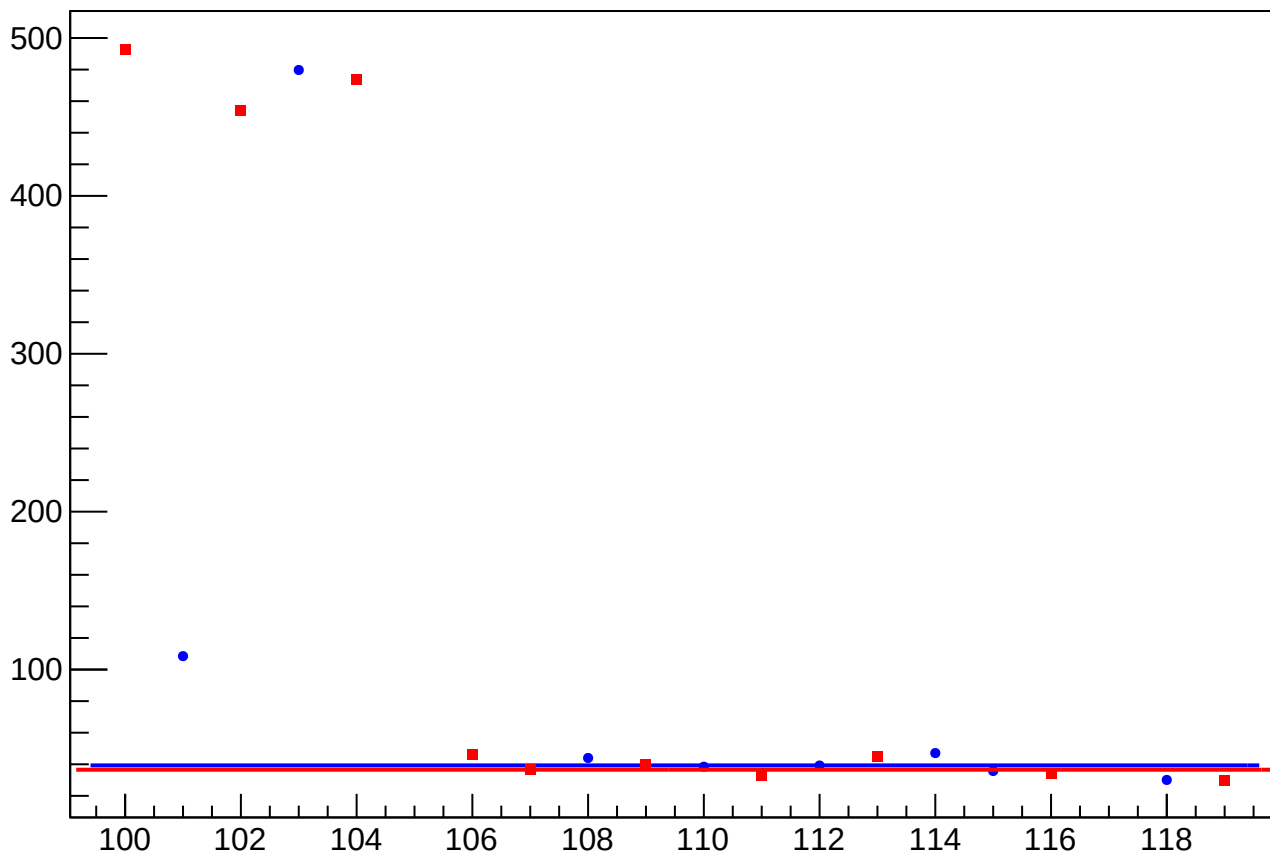
Right: 0.017+/-0.017 χ^2/NDF : 22.7/17

In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.017 χ^2/NDF : 22.7/17

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.298+/-0.019 χ^2/NDF : 1557556.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.547+/-0.016 χ^2/NDF : 1807142.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

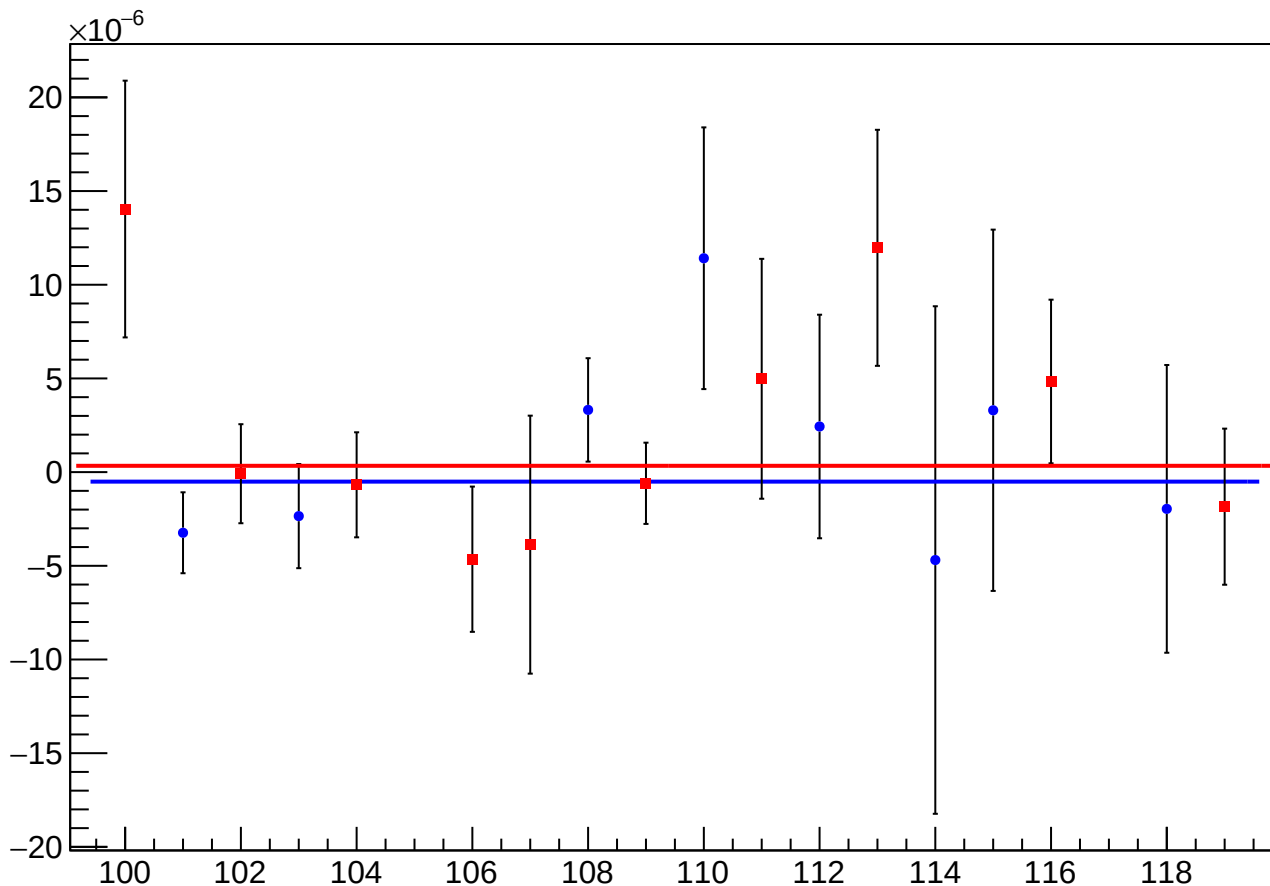
Right: 37.737+/-0.012 χ^2/NDF : 3377235.6/17

In: 39.298+/-0.019 χ^2/NDF : 1557556.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.737+/-0.012 χ^2/NDF : 3377235.6/17

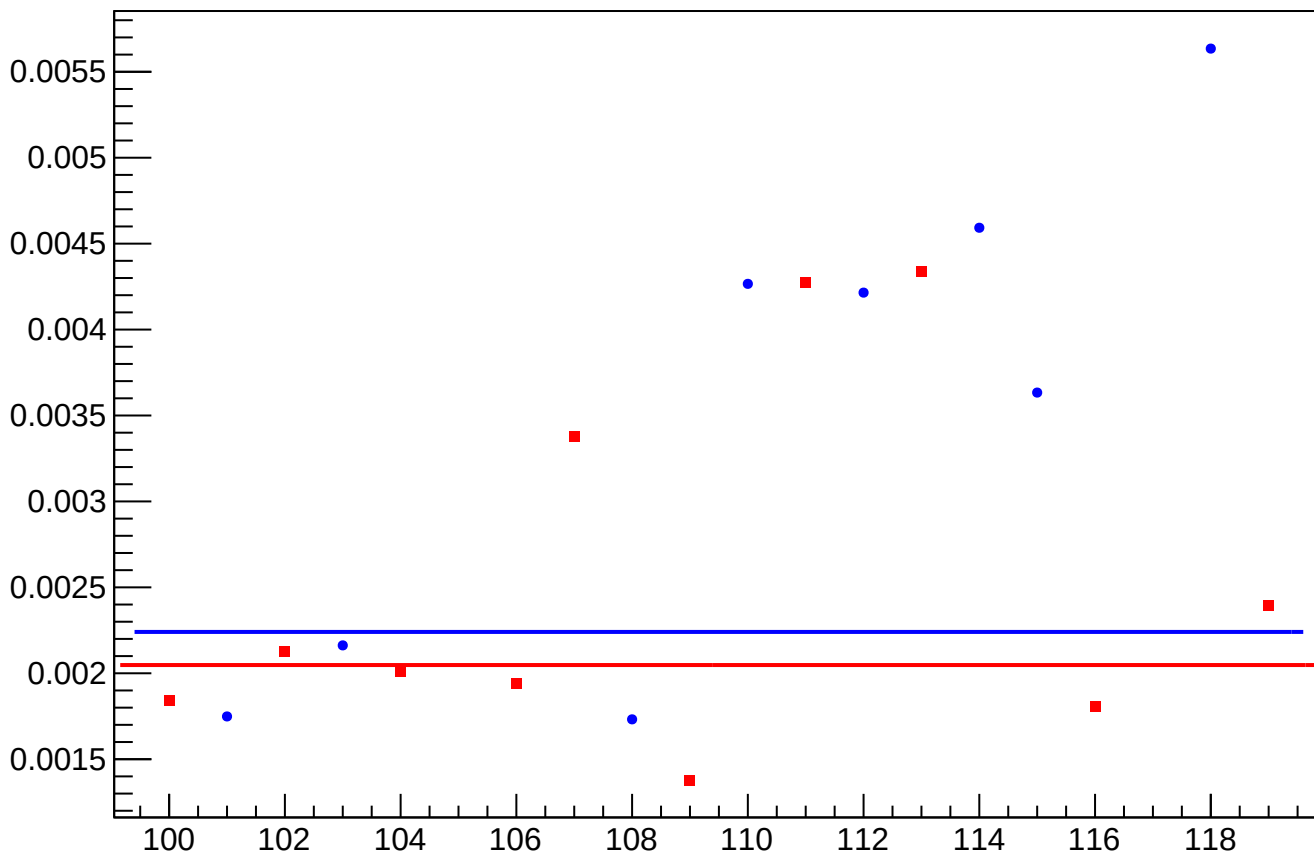
asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 19.3/17
 In: -0.000+/-0.000 χ^2/NDF :7.4/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 19.3/17

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1053406.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 798699.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

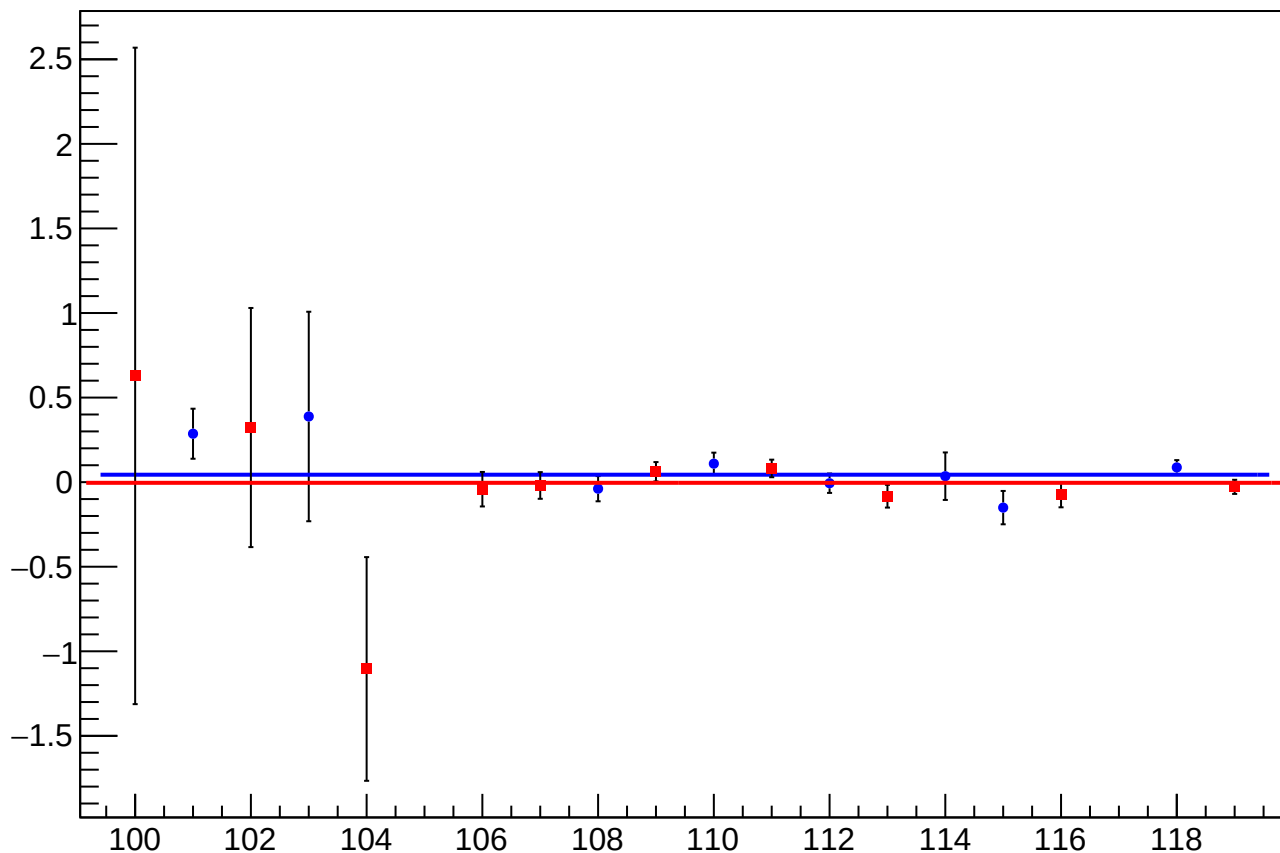
Right: 0.002+/-0.000 χ^2/NDF : 1875864.5/17

In: 0.002+/-0.000 χ^2/NDF :1053406.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1875864.5/17

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

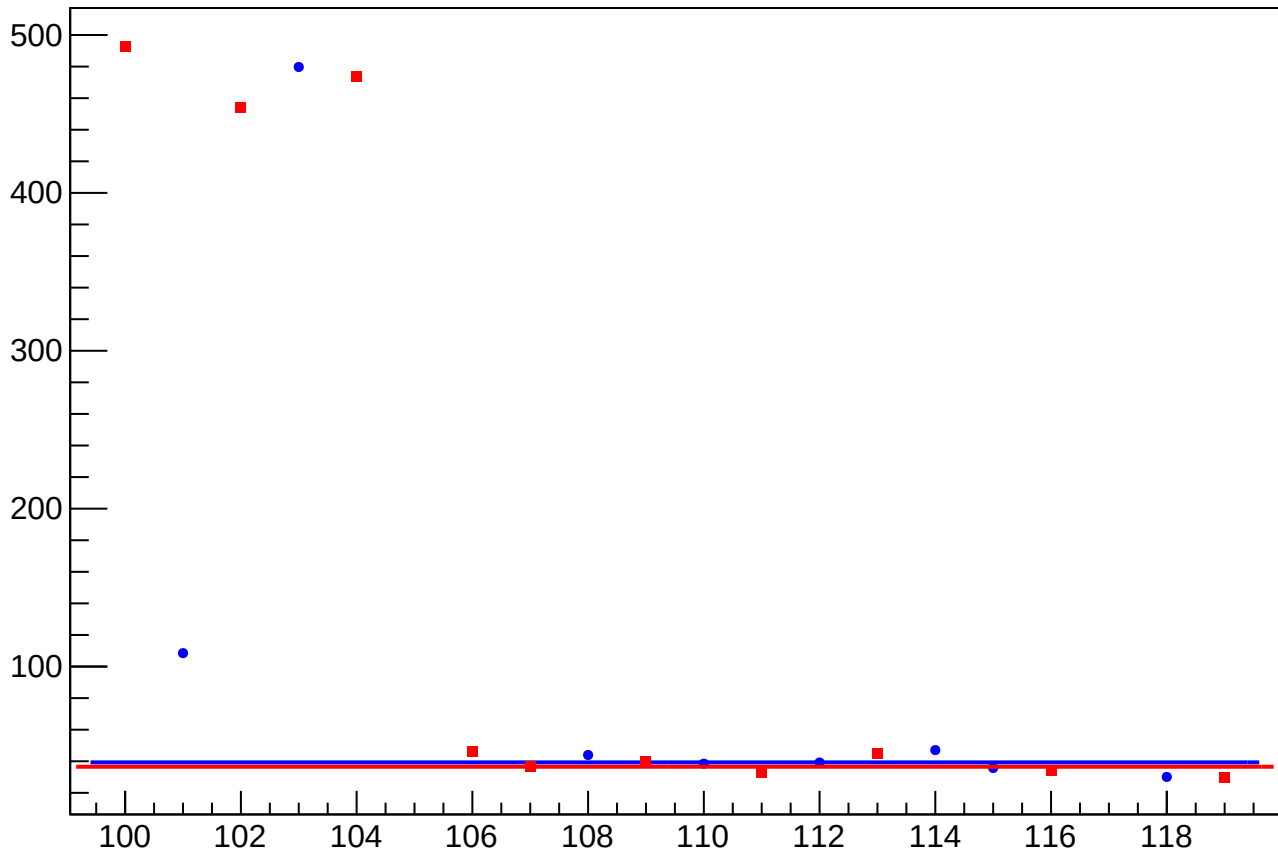
Right: 0.017+/-0.017 χ^2/NDF : 22.7/17

In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.017 χ^2/NDF : 22.7/17

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.297+/-0.019 χ^2/NDF : 1557561.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.545+/-0.016 χ^2/NDF : 1807208.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

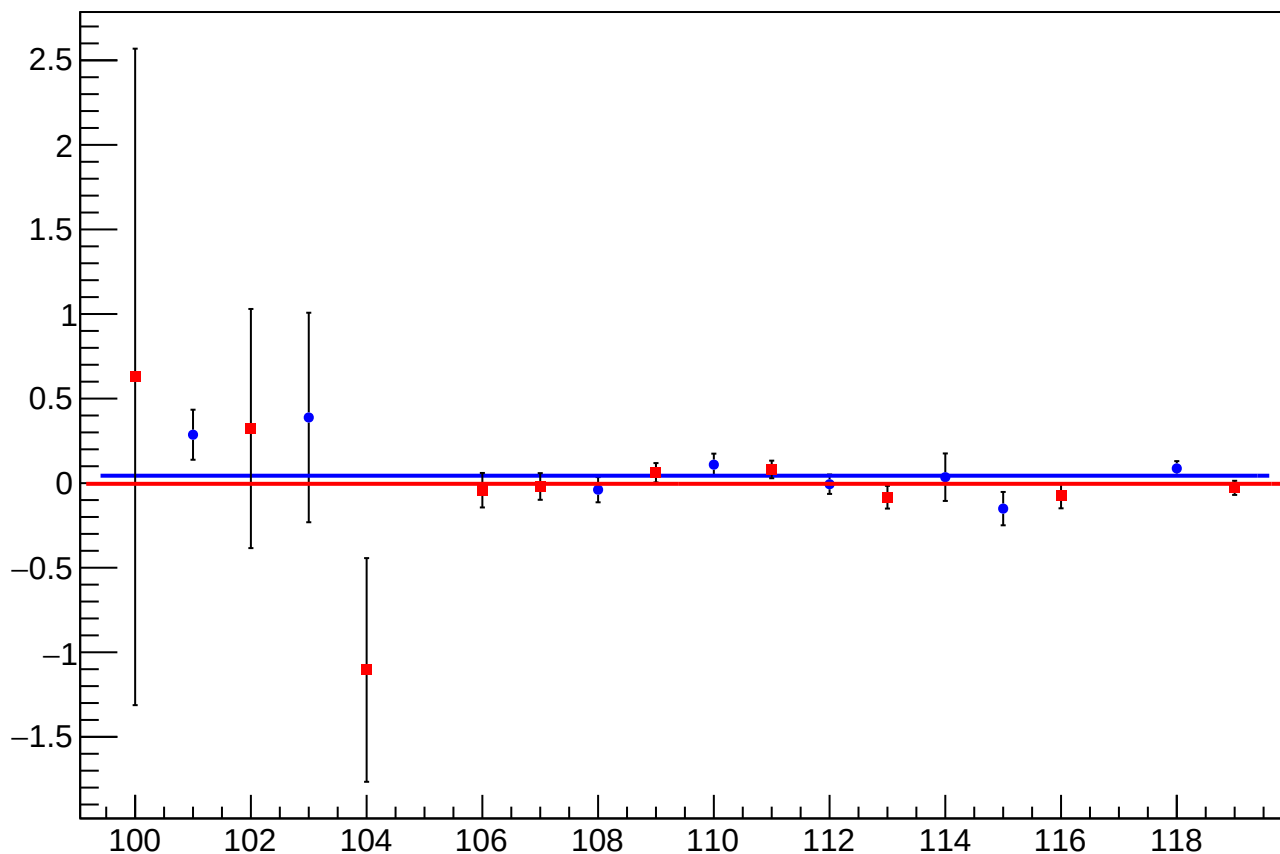
Right: 37.736+/-0.012 χ^2/NDF : 3377320.2/17

In: 39.297+/-0.019 χ^2/NDF : 1557561.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.736+/-0.012 χ^2/NDF : 3377320.2/17

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.023 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

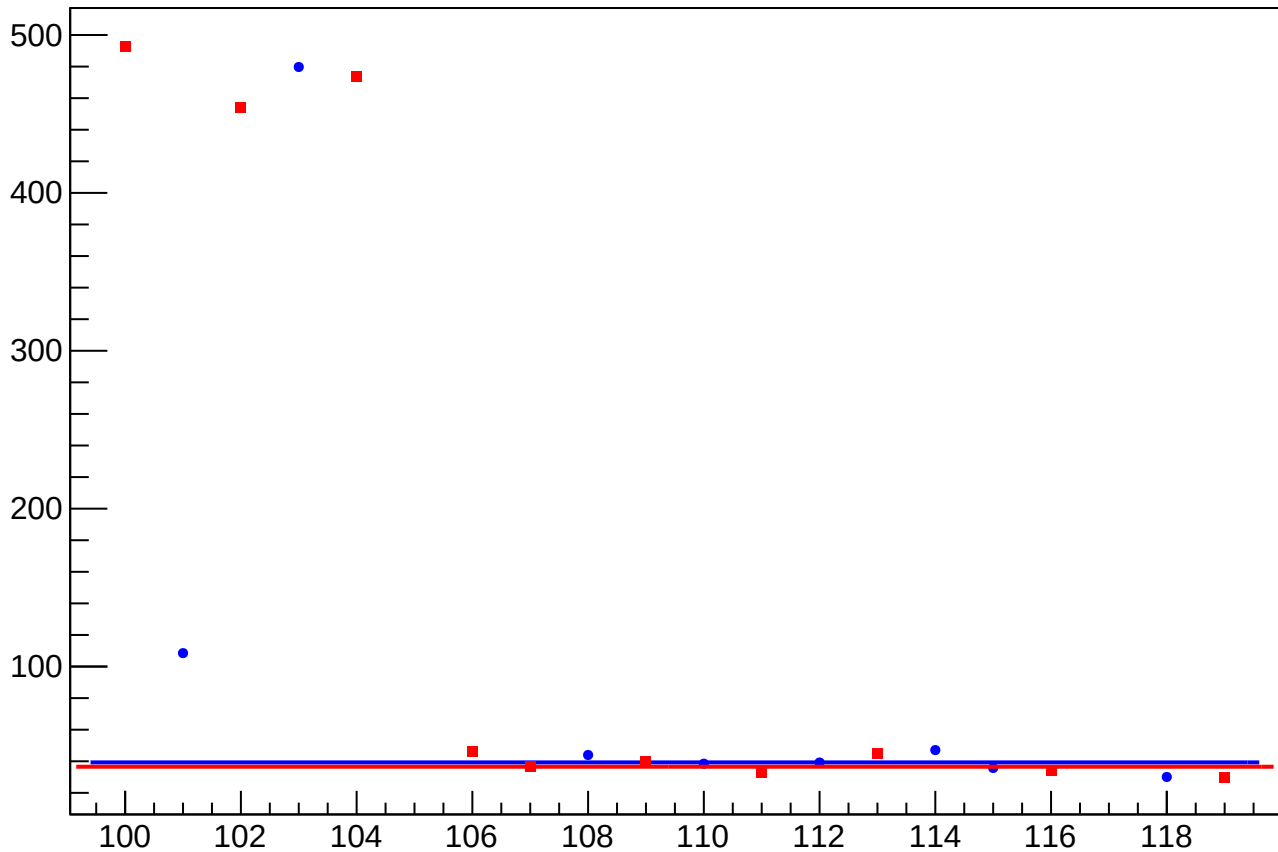
Right: 0.017+/-0.017 χ^2/NDF : 22.7/17

In: 0.044+/-0.026 χ^2/NDF : 10.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.017 χ^2/NDF : 22.7/17

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.297+/-0.019 χ^2/NDF : 1557561.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.545+/-0.016 χ^2/NDF : 1807208.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

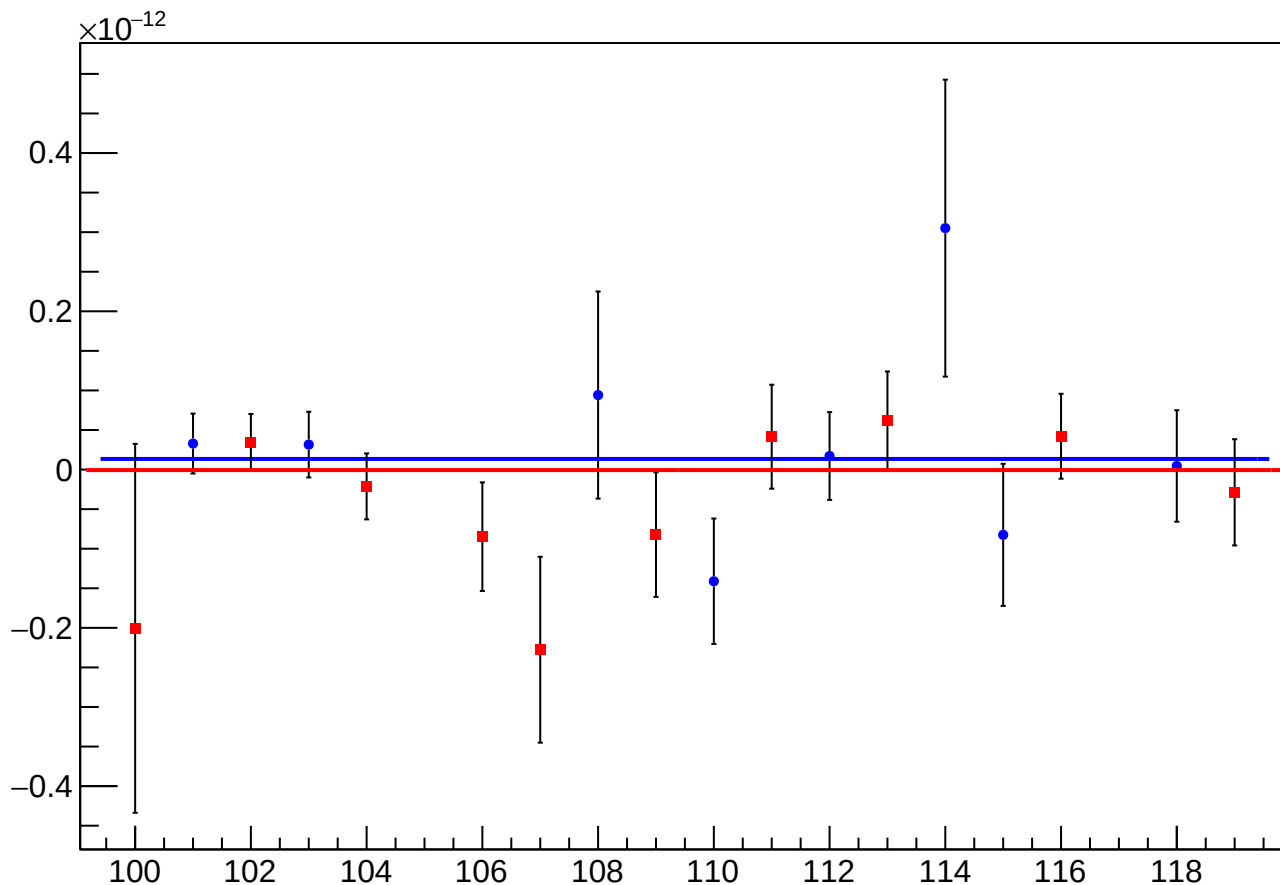
Right: 37.736+/-0.012 χ^2/NDF : 3377320.2/17

In: 39.297+/-0.019 χ^2/NDF : 1557561.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.736+/-0.012 χ^2/NDF : 3377320.2/17

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

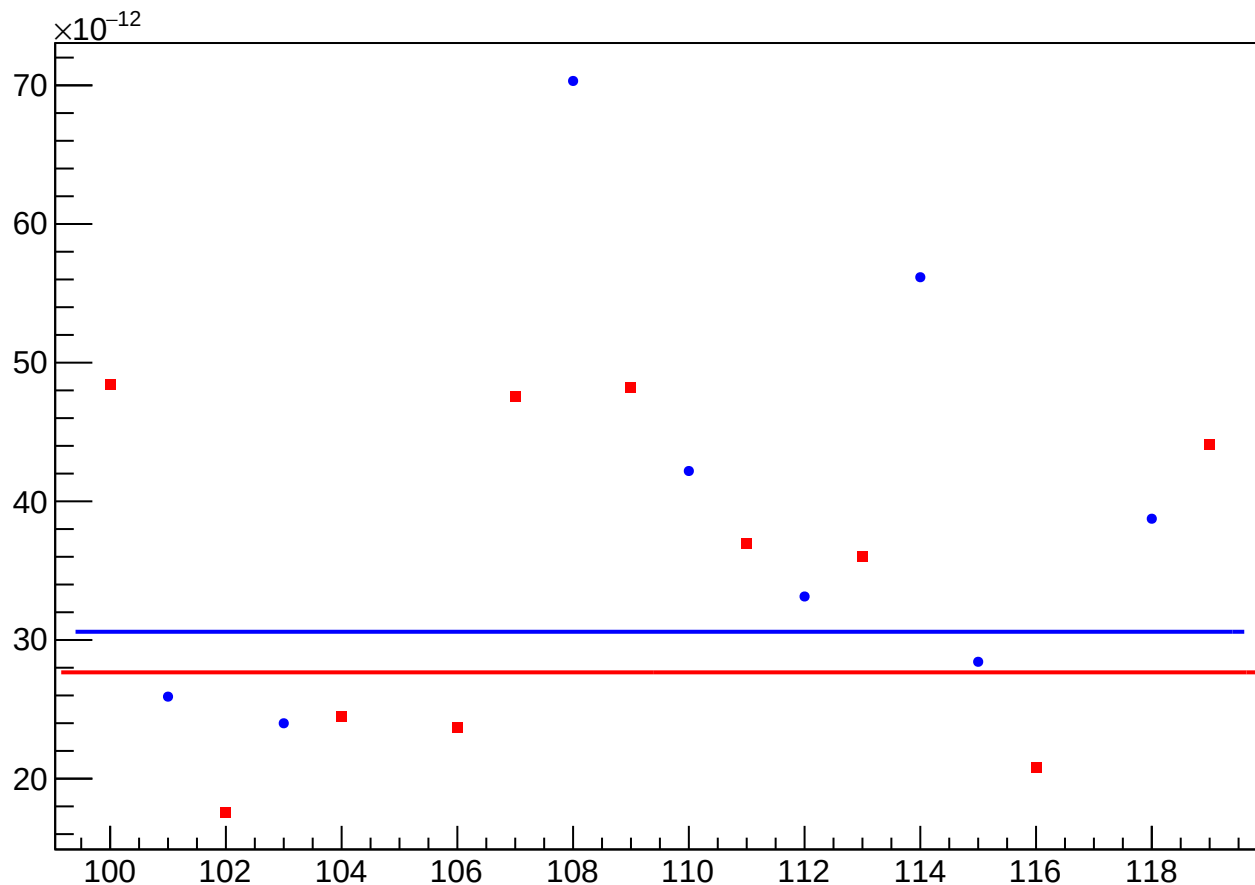
Right: 0.000+/-0.000 χ^2/NDF : 19.0/17

In: 0.000+/-0.000 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.0/17

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 377488.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 620137.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

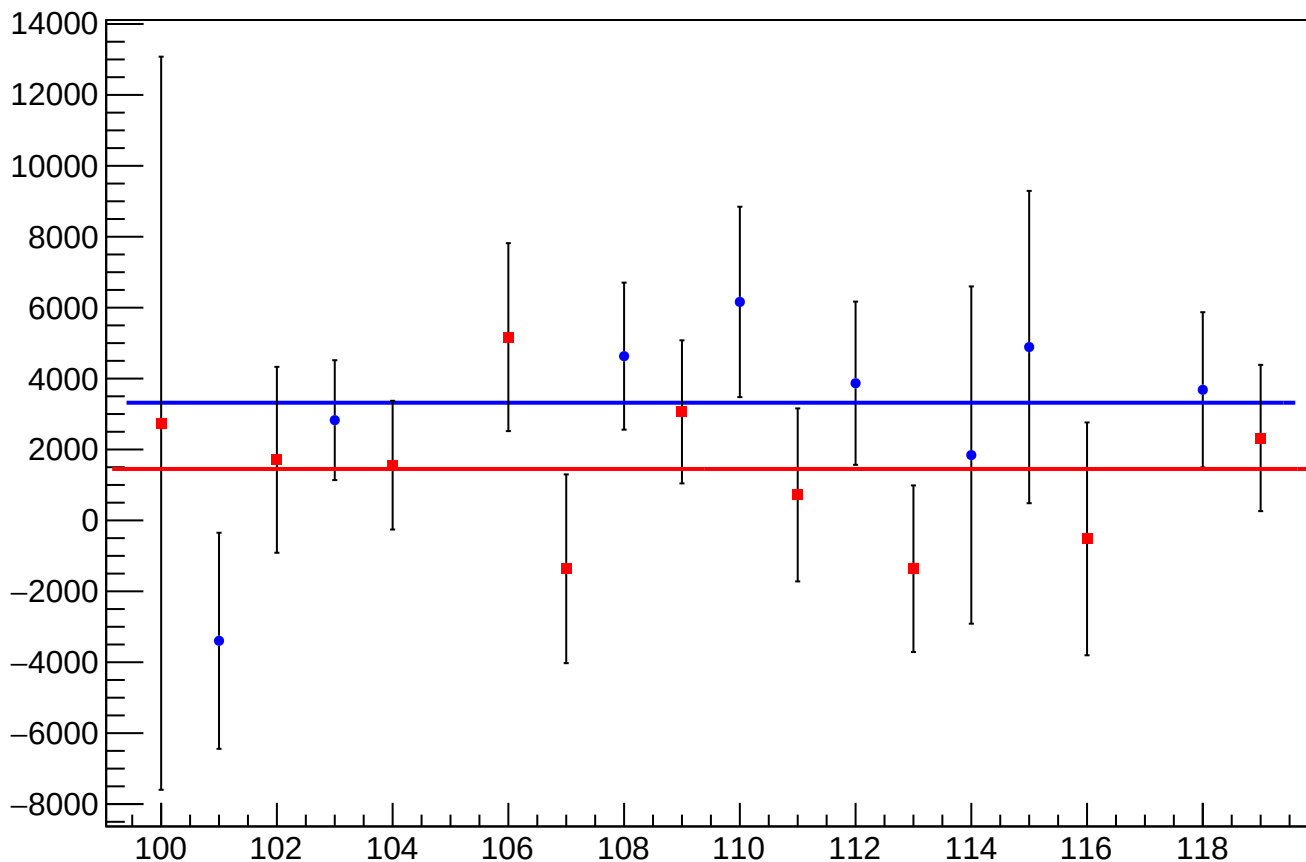
Right: 0.000+/-0.000 χ^2/NDF : 1018916.5/17

In: 0.000+/-0.000 χ^2/NDF : 377488.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1018916.5/17

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3319.183+/-869.611 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.754+/-775.152 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

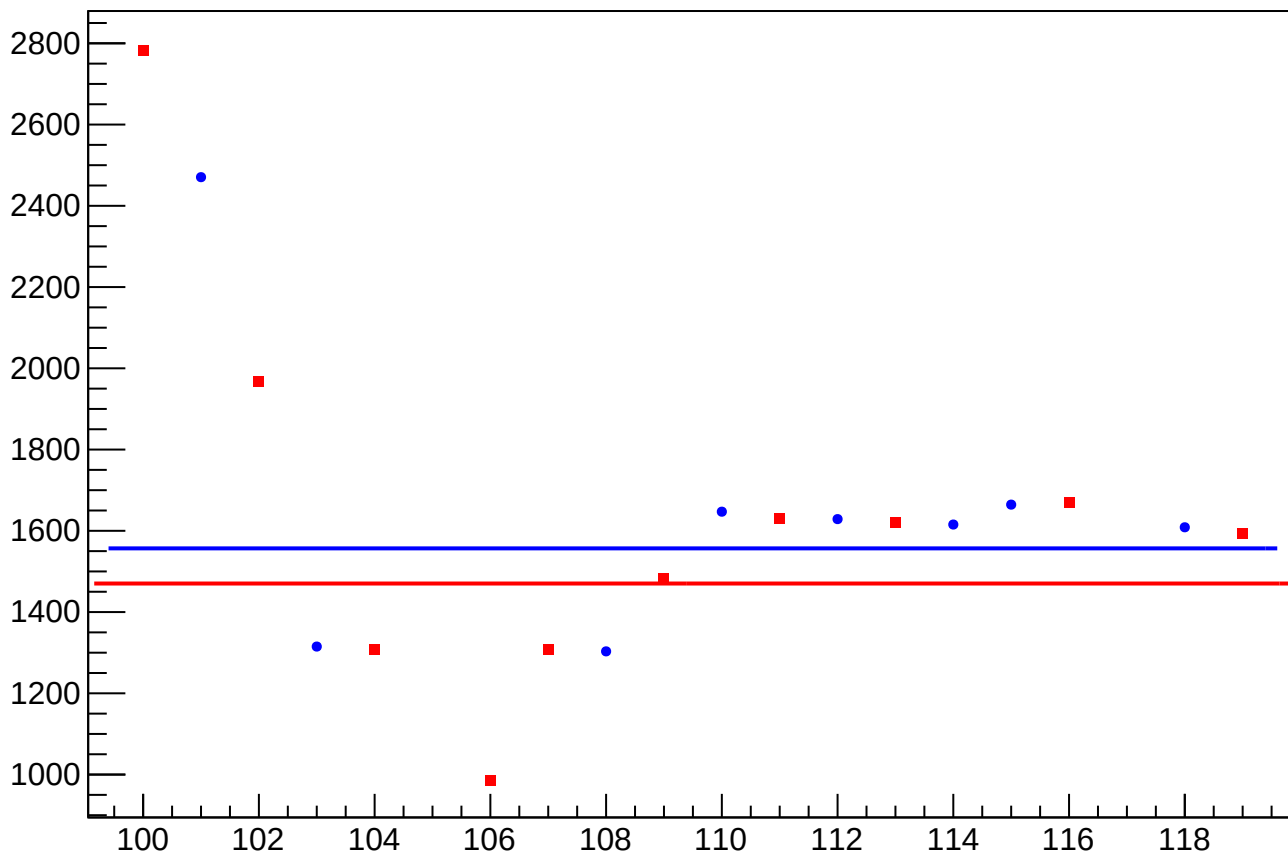
Right: 2278.017+/-578.640 χ^2/NDF : 15.2/17

In: 3319.183+/-869.611 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2278.017+/-578.640 χ^2/NDF : 15.2/17

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1556.766+/-0.615 χ^2/NDF : 257521.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1470.262+/-0.533 χ^2/NDF : 272019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

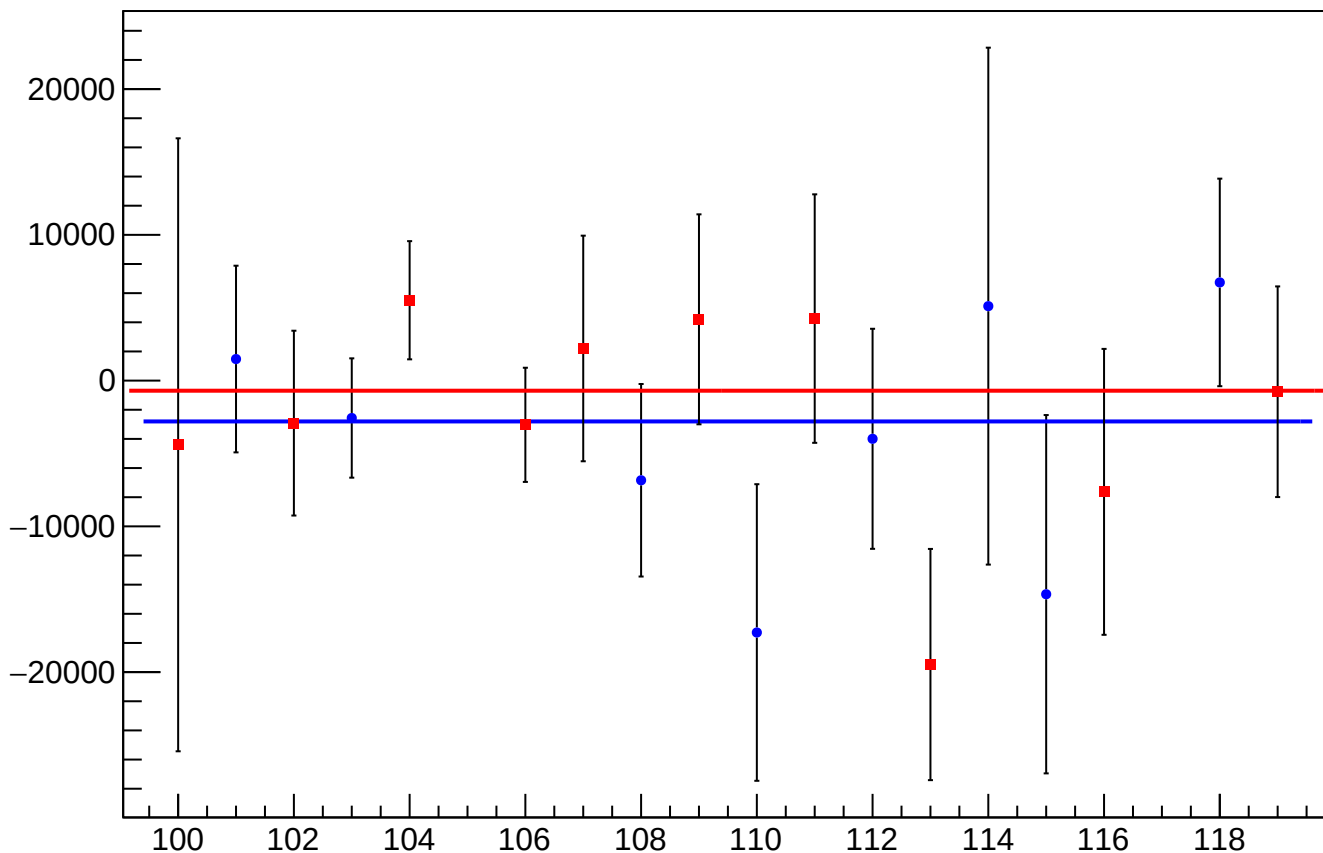
Right: 1507.333+/-0.403 χ^2/NDF : 540850.5/17

In: 1556.766+/-0.615 χ^2/NDF : 257521.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.333+/-0.403 χ^2/NDF : 540850.5/17

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2801.404+/-2471.383 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -693.182+/-2006.737 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

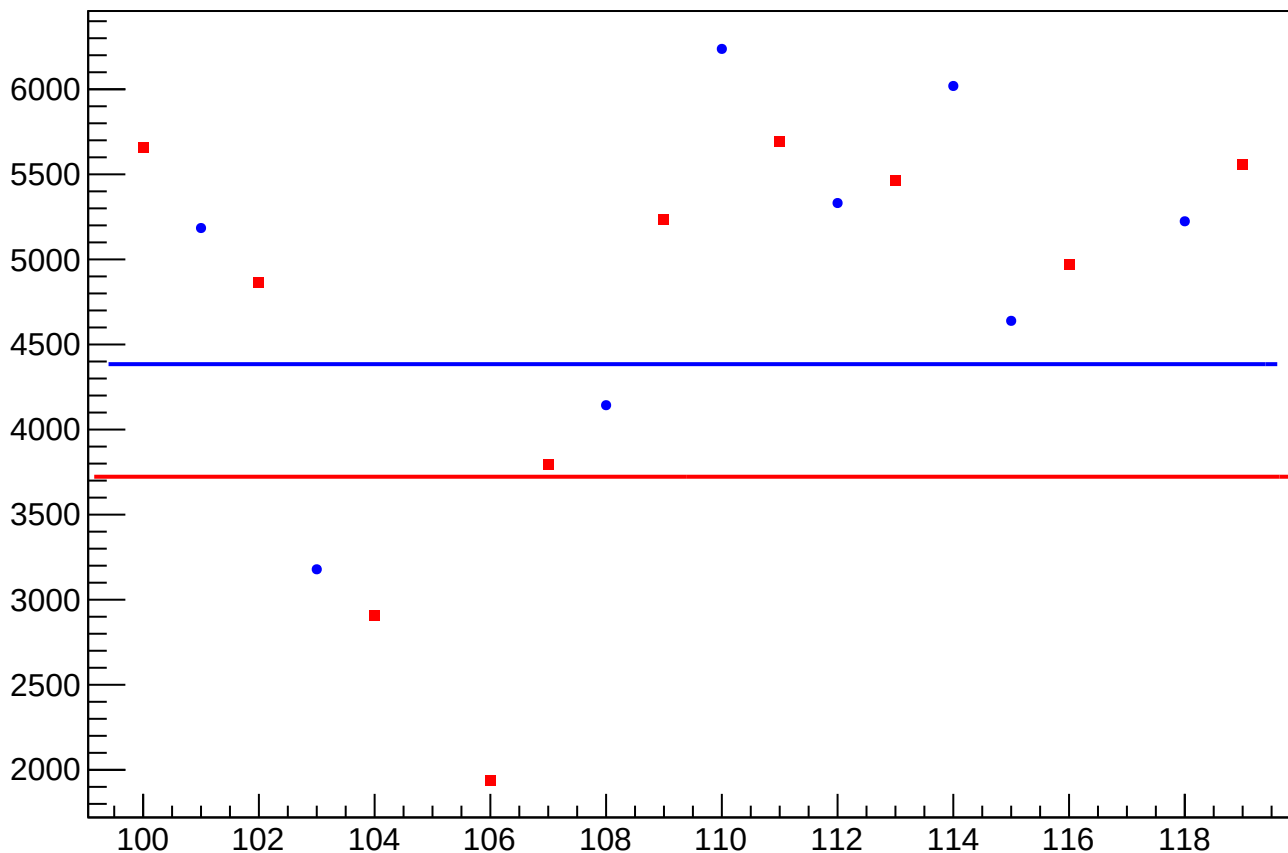
Right: -1530.876+/-1557.846 χ^2/NDF : 16.1/17

In: -2801.404+/-2471.383 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1530.876+/-1557.846 χ^2/NDF : 16.1/17

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4384.385+/-1.748 χ^2/NDF : 350868.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3722.804+/-1.419 χ^2/NDF : 1030732.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

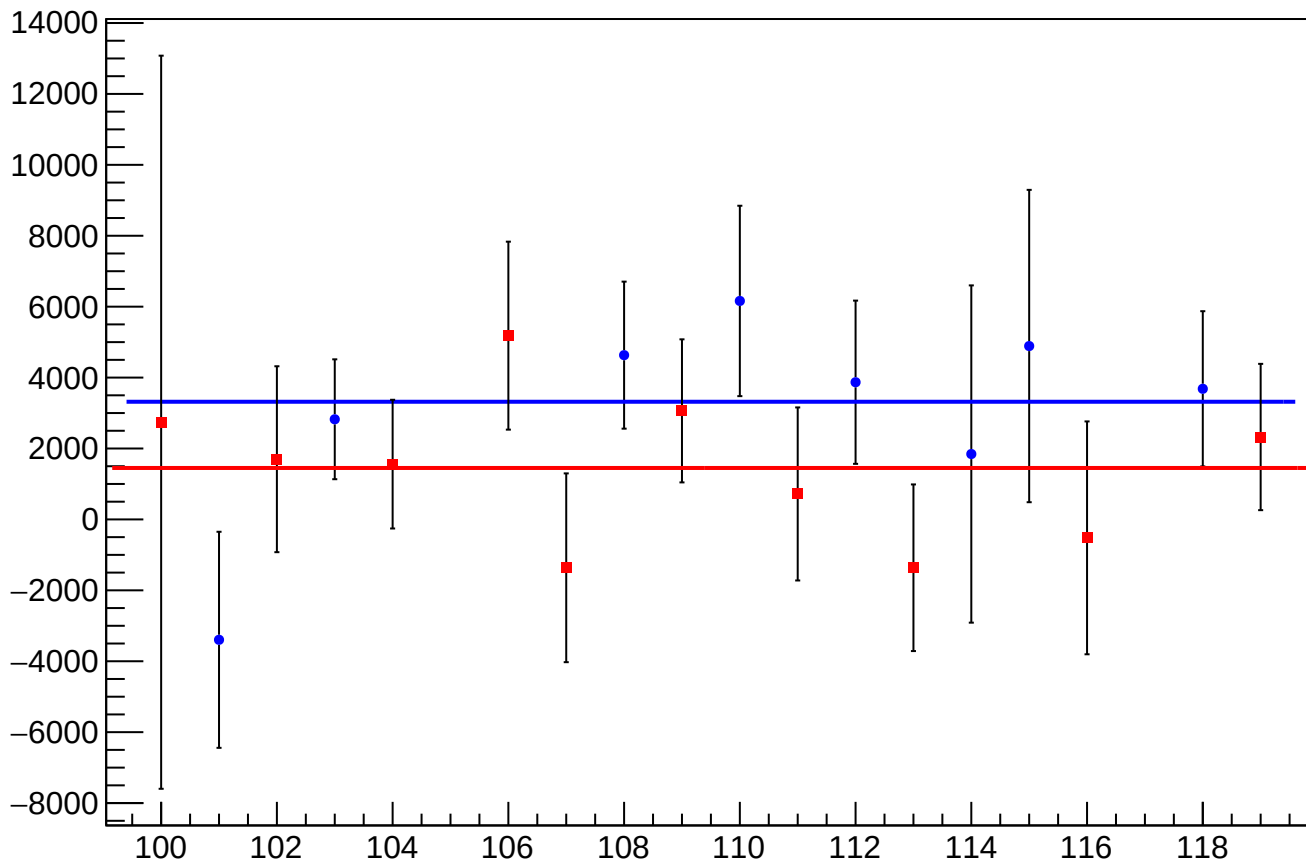
Right: 3985.680+/-1.102 χ^2/NDF : 1467975.5/17

In: 4384.385+/-1.748 χ^2/NDF : 350868.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3985.680+/-1.102 χ^2/NDF : 1467975.5/17

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3318.477+/-869.611 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.916+/-775.159 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

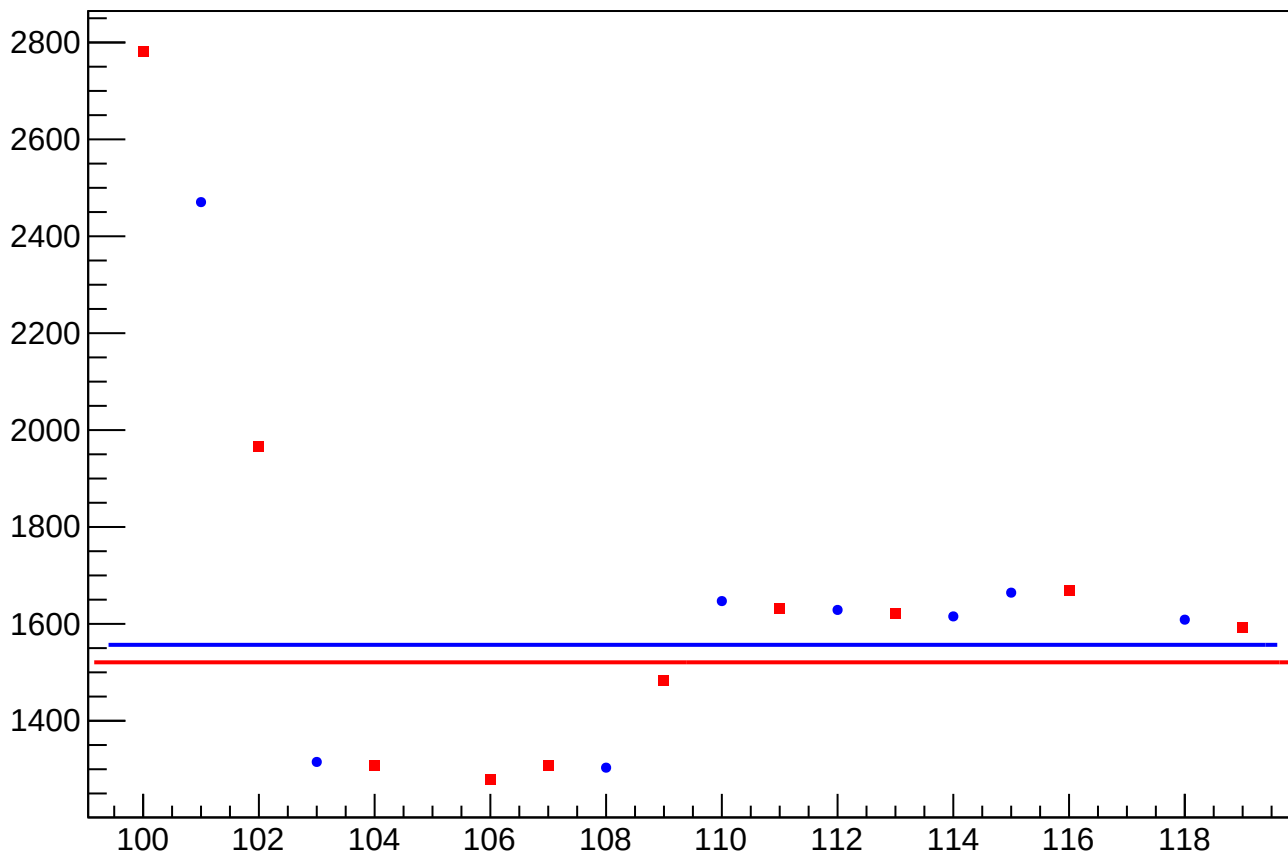
Right: 2277.802+/-578.643 χ^2/NDF : 15.2/17

In: 3318.477+/-869.611 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2277.802+/-578.643 χ^2/NDF : 15.2/17

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1556.766+/-0.615 χ^2/NDF : 257520.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1520.690+/-0.544 χ^2/NDF : 162503.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

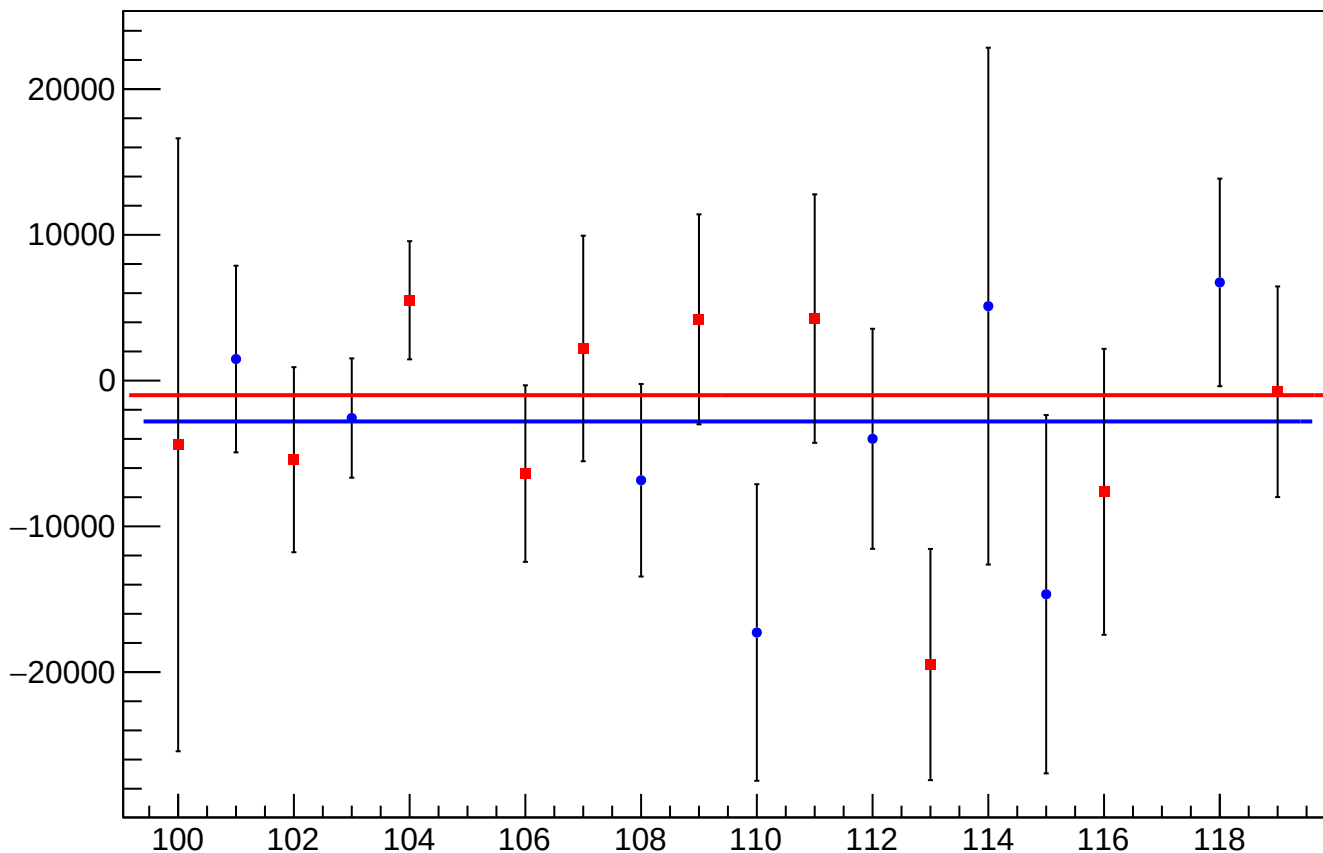
Right: 1536.541+/-0.408 χ^2/NDF : 421953.6/17

In: 1556.766+/-0.615 χ^2/NDF : 257520.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.541+/-0.408 χ^2/NDF : 421953.6/17

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2801.961+/-2471.473 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -999.659+/-2180.547 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

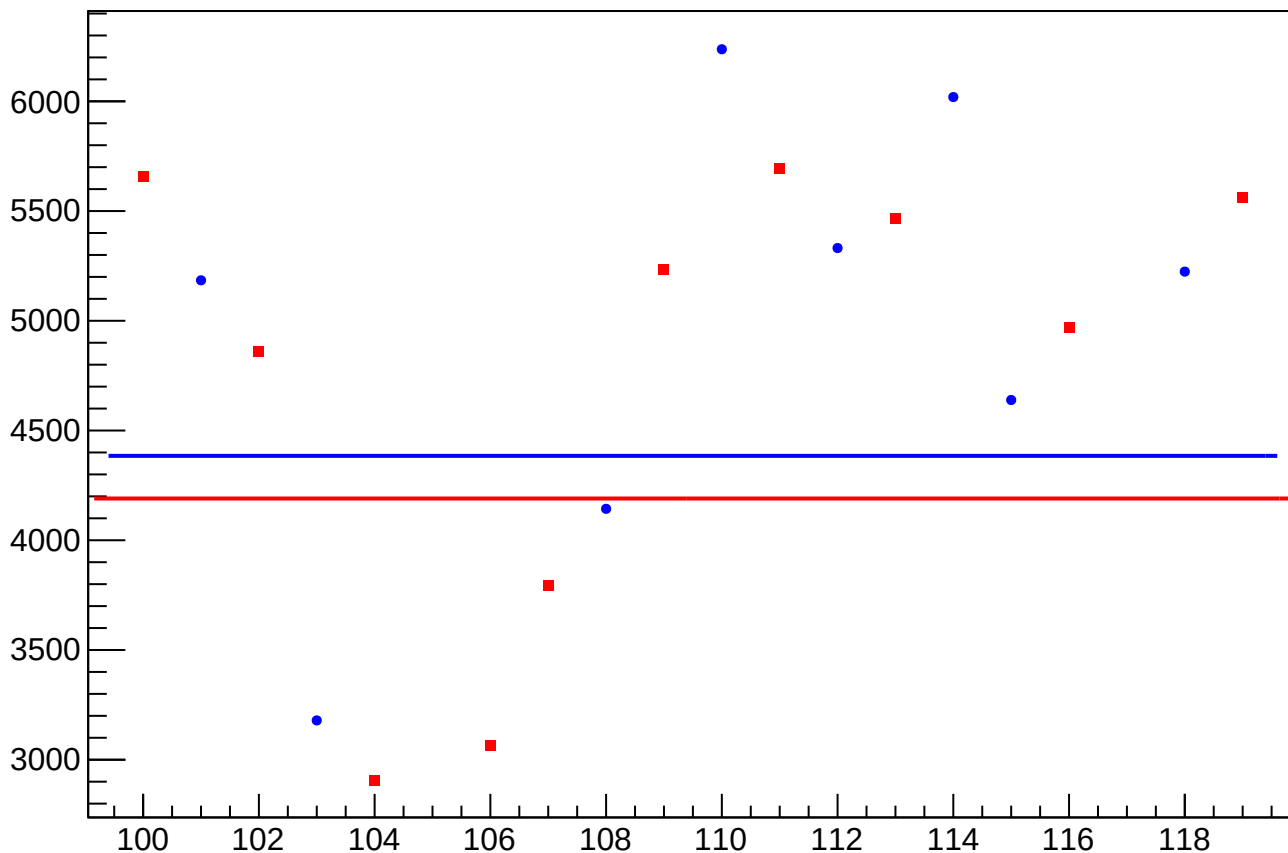
Right: -1788.537+/-1635.111 χ^2/NDF : 16.9/17

In: -2801.961+/-2471.473 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1788.537+/-1635.111 χ^2/NDF : 16.9/17

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4384.600+/-1.748 χ^2/NDF : 350731.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4190.250+/-1.542 χ^2/NDF : 547008.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

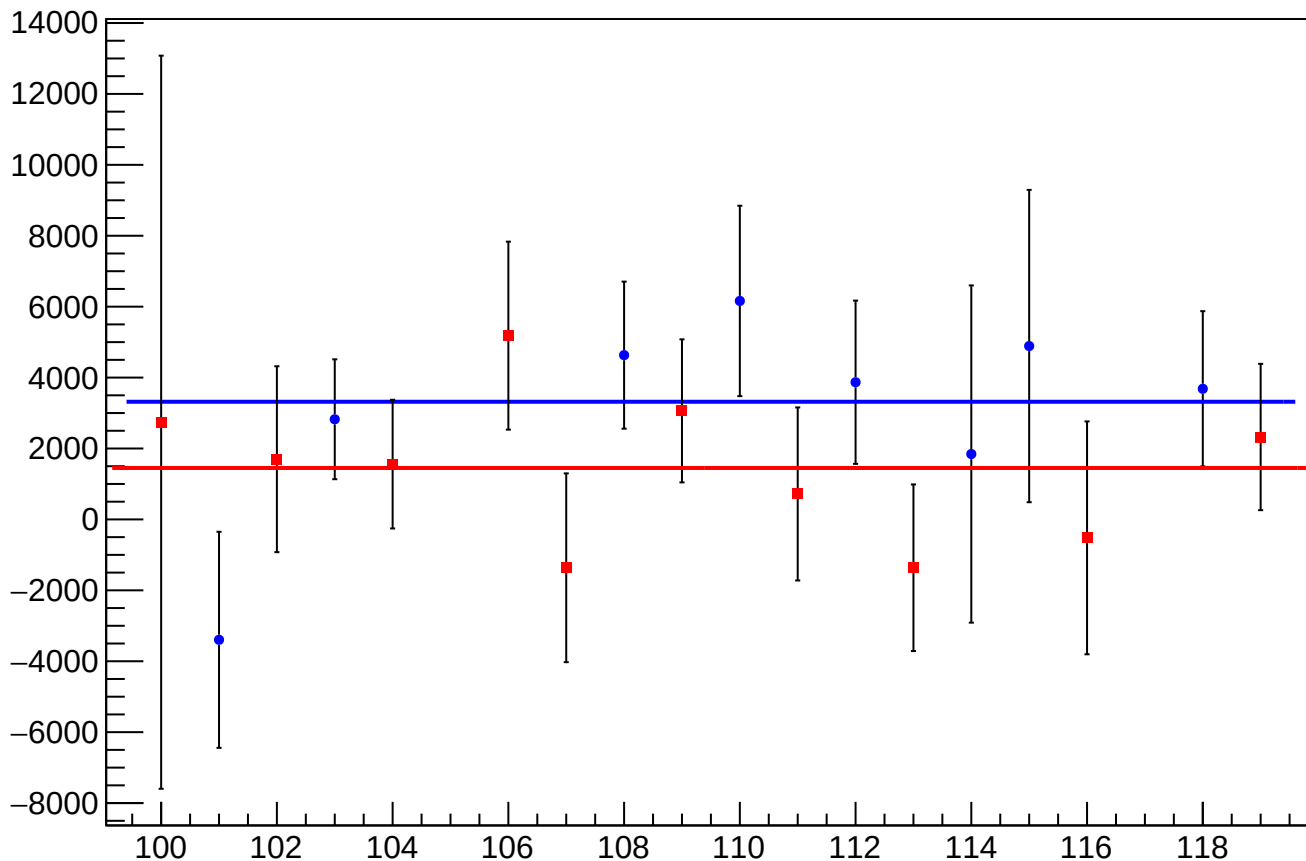
Right: 4275.318+/-1.156 χ^2/NDF : 904694.8/17

In: 4384.600+/-1.748 χ^2/NDF : 350731.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4275.318+/-1.156 χ^2/NDF : 904694.8/17

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3318.477+/-869.611 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.916+/-775.159 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

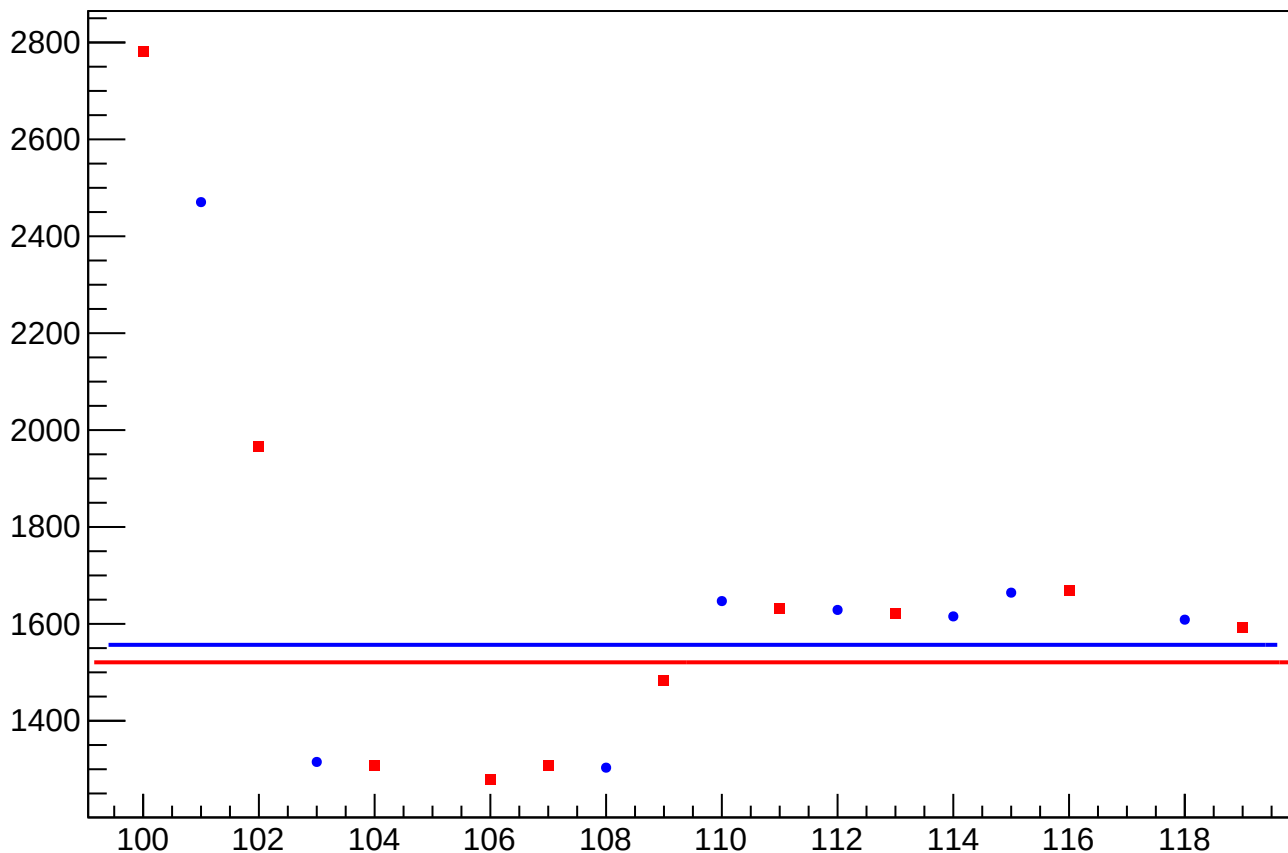
Right: 2277.802+/-578.643 χ^2/NDF : 15.2/17

In: 3318.477+/-869.611 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2277.802+/-578.643 χ^2/NDF : 15.2/17

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1556.766+/-0.615 χ^2/NDF : 257520.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1520.690+/-0.544 χ^2/NDF : 162503.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

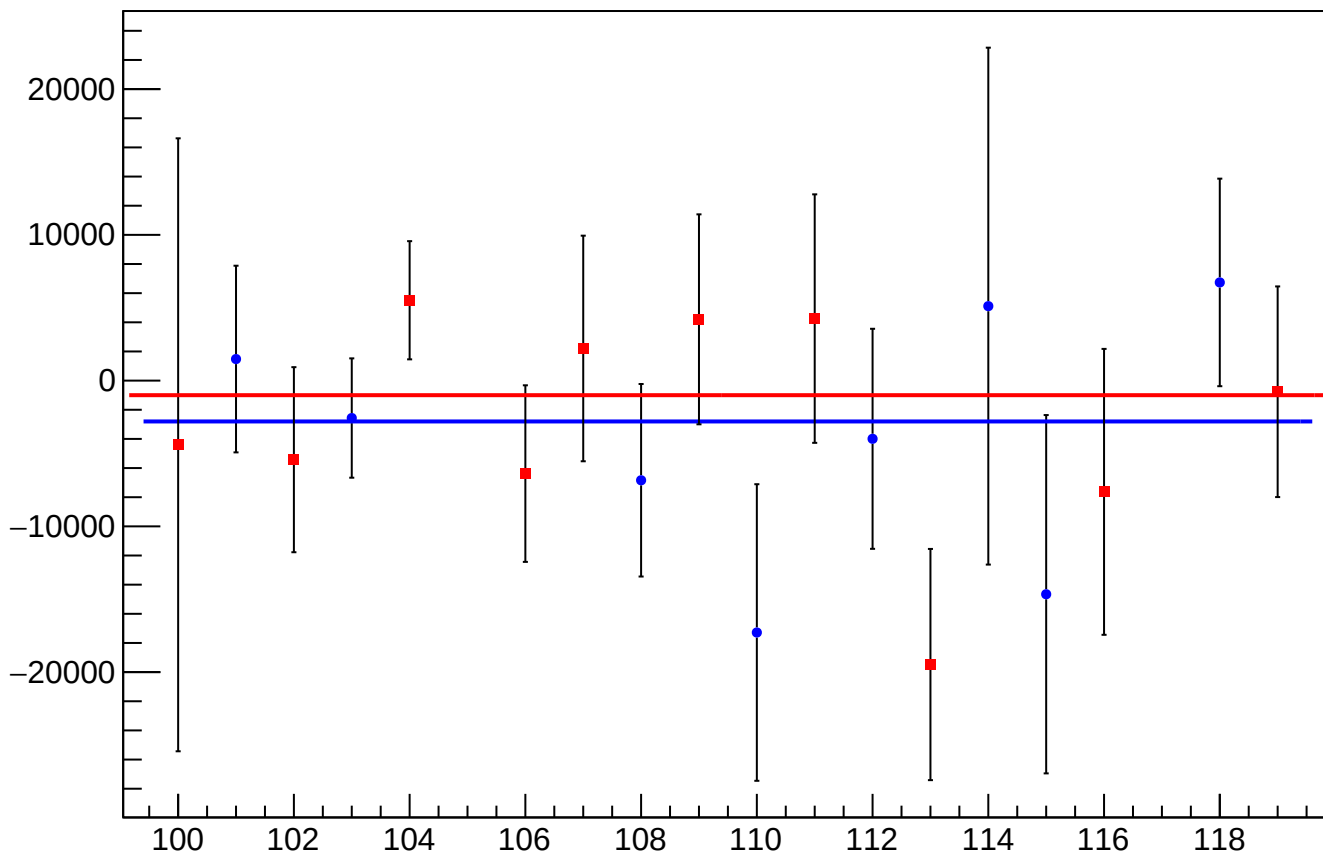
Right: 1536.541+/-0.408 χ^2/NDF : 421953.6/17

In: 1556.766+/-0.615 χ^2/NDF : 257520.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.541+/-0.408 χ^2/NDF : 421953.6/17

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2801.961+/-2471.473 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -999.659+/-2180.547 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

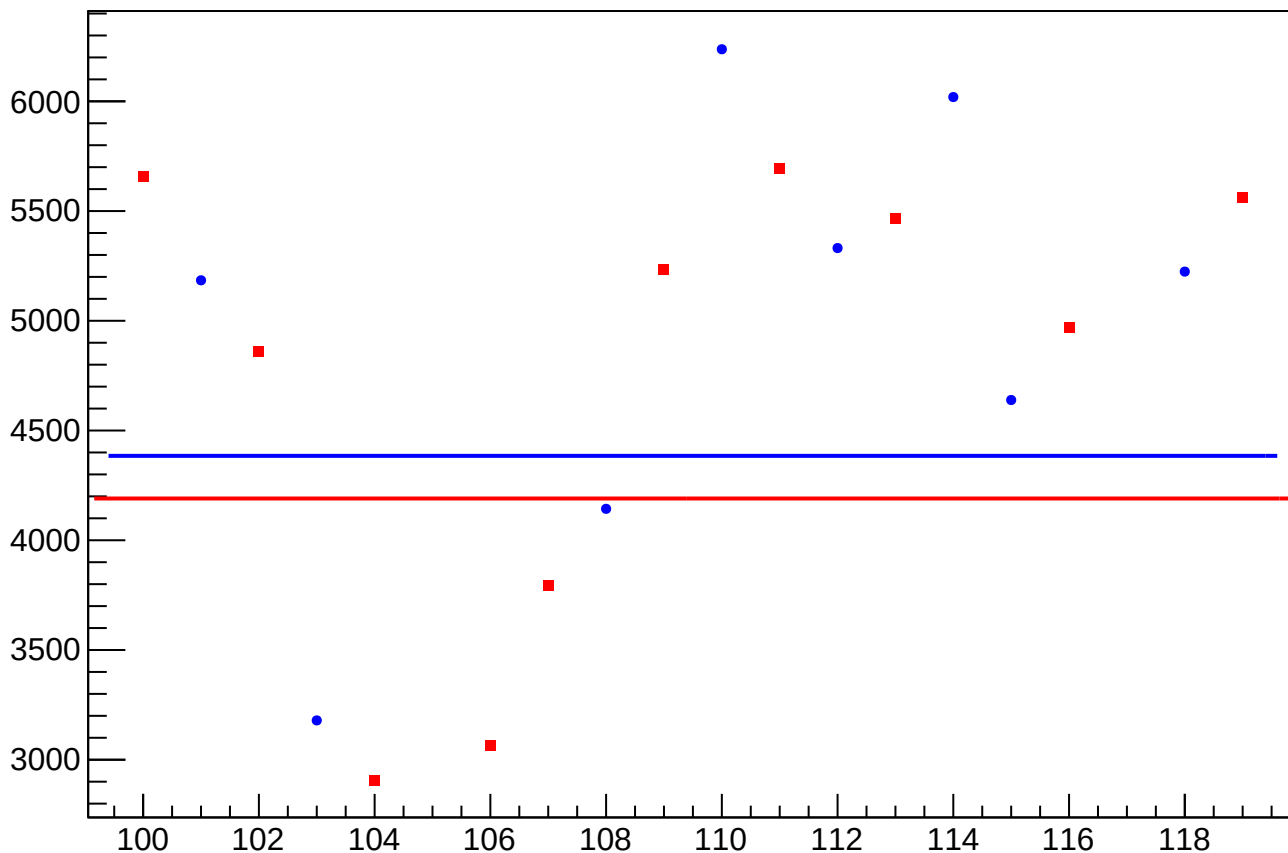
Right: -1788.537+/-1635.111 χ^2/NDF : 16.9/17

In: -2801.961+/-2471.473 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1788.537+/-1635.111 χ^2/NDF : 16.9/17

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4384.600+/-1.748 χ^2/NDF : 350731.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4190.250+/-1.542 χ^2/NDF : 547008.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

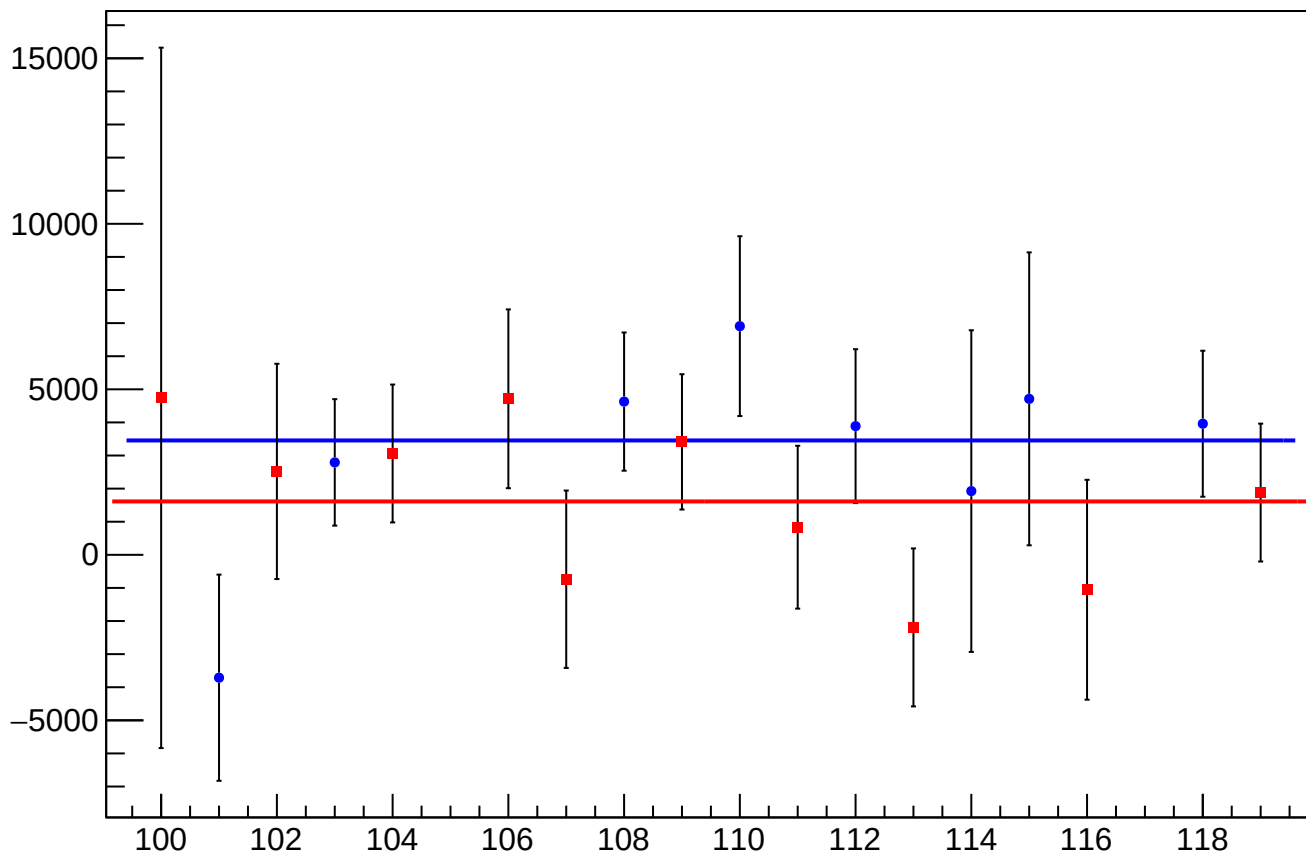
Right: 4275.318+/-1.156 χ^2/NDF : 904694.8/17

In: 4384.600+/-1.748 χ^2/NDF : 350731.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4275.318+/-1.156 χ^2/NDF : 904694.8/17

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3455.285+/-903.072 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.416+/-813.238 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

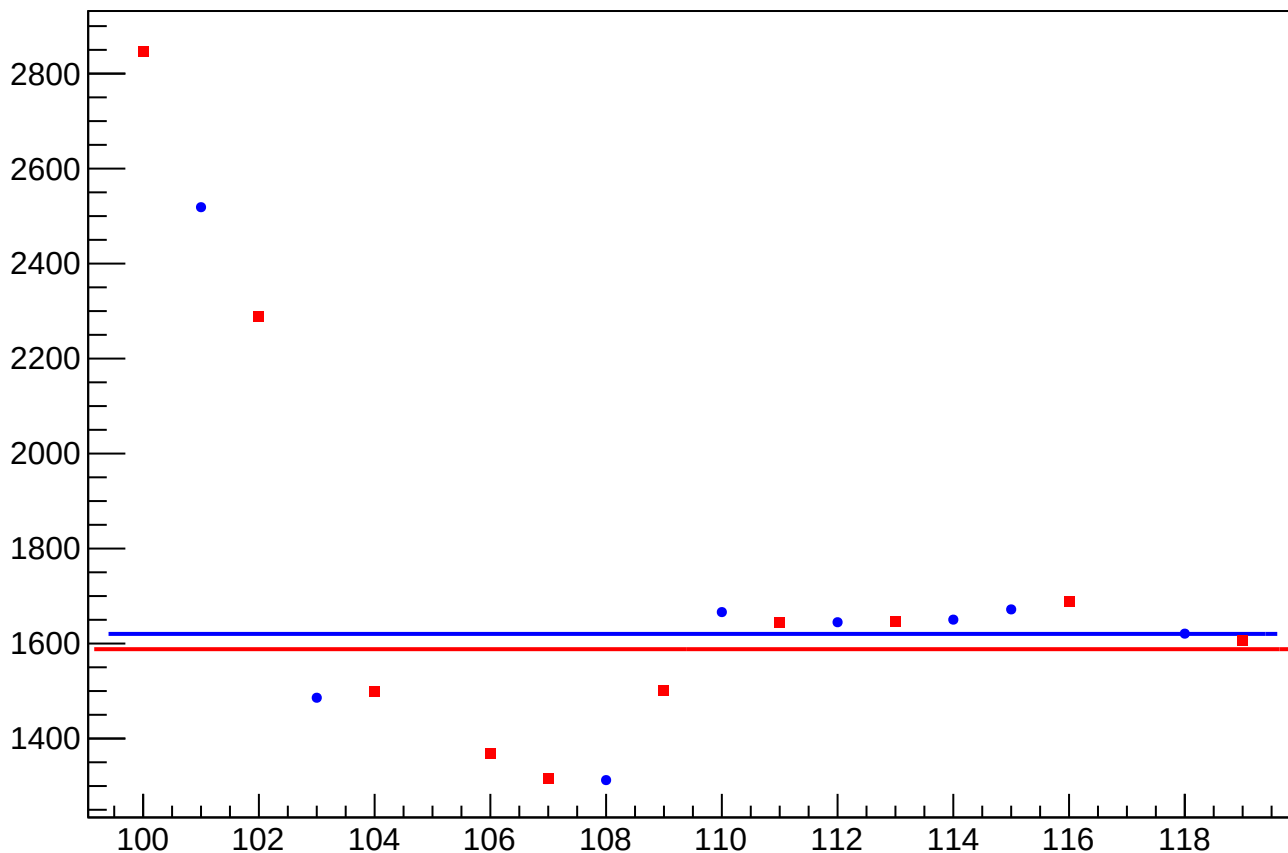
Right: 2437.655+/-604.317 χ^2/NDF : 16.7/17

In: 3455.285+/-903.072 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.655+/-604.317 χ^2/NDF : 16.7/17

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.310+/-0.639 χ^2/NDF : 220949.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.145+/-0.574 χ^2/NDF : 166826.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

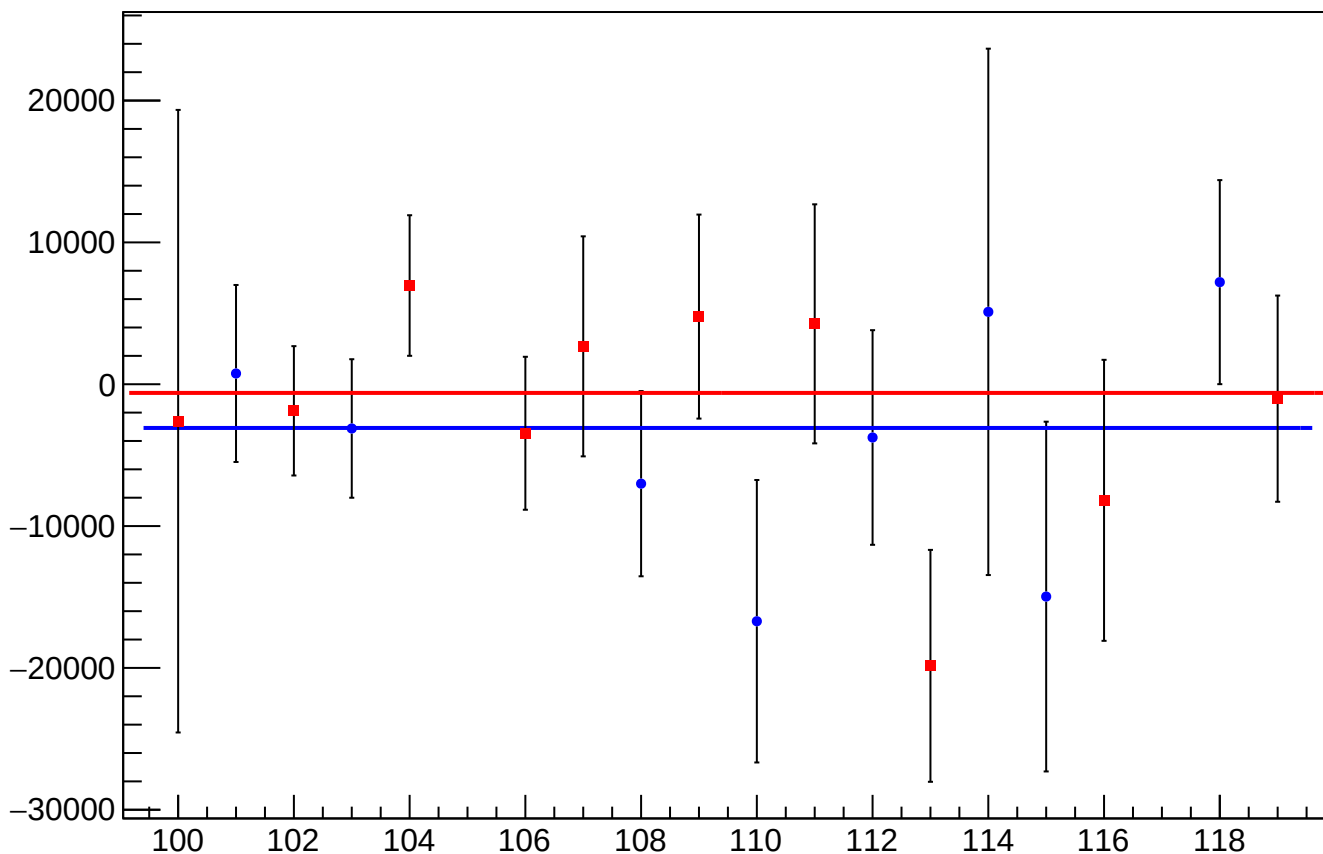
Right: 1602.524+/-0.427 χ^2/NDF : 389178.7/17

In: 1620.310+/-0.639 χ^2/NDF : 220949.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.524+/-0.427 χ^2/NDF : 389178.7/17

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -3082.200+/-2604.192 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.007+/-2134.864 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

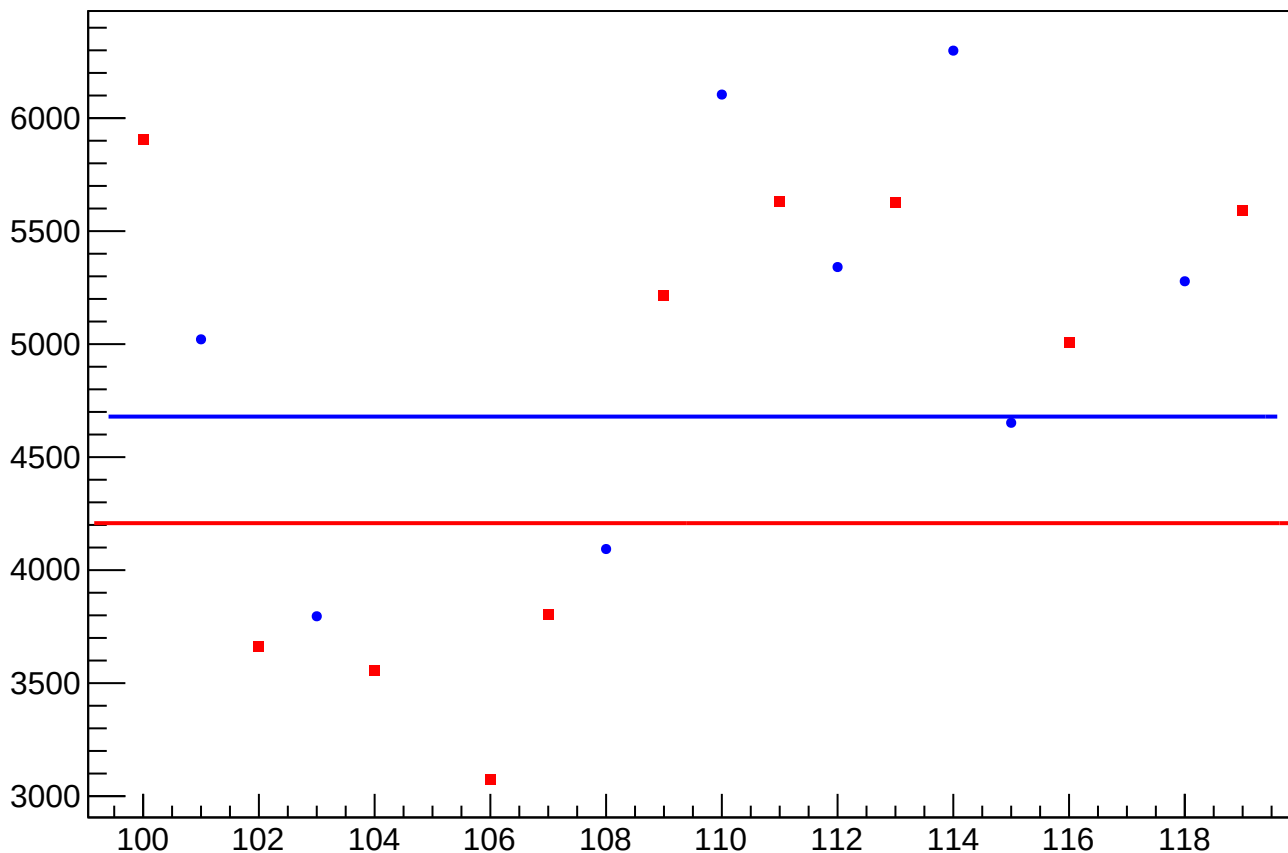
Right: -1604.847+/-1651.000 χ^2/NDF : 16.2/17

In: -3082.200+/-2604.192 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1604.847+/-1651.000 χ^2/NDF : 16.2/17

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4679.418+/-1.841 χ^2/NDF : 172937.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4207.866+/-1.510 χ^2/NDF : 411034.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

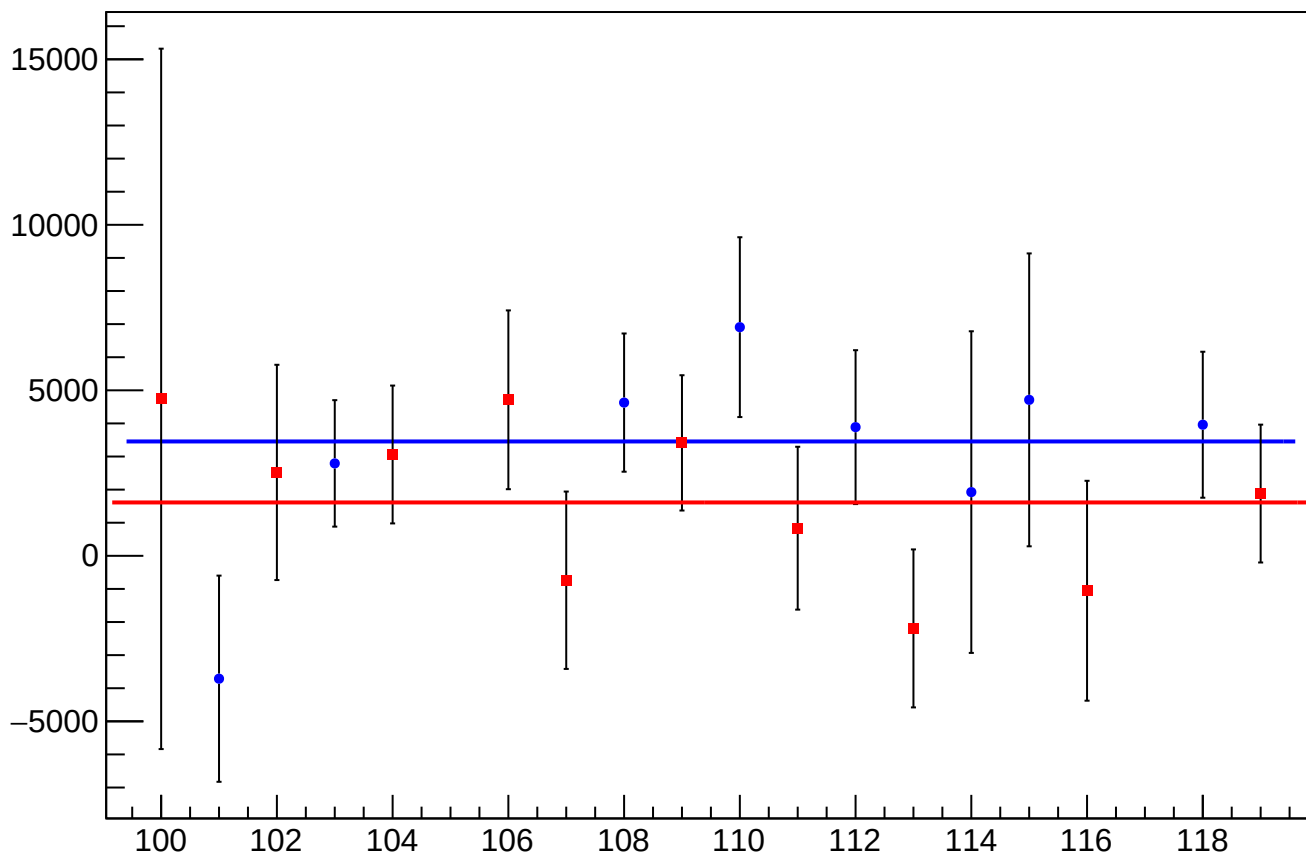
Right: 4397.396+/-1.167 χ^2/NDF : 623190.8/17

In: 4679.418+/-1.841 χ^2/NDF : 172937.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4397.396+/-1.167 χ^2/NDF : 623190.8/17

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3455.284+/-903.072 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.419+/-813.237 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

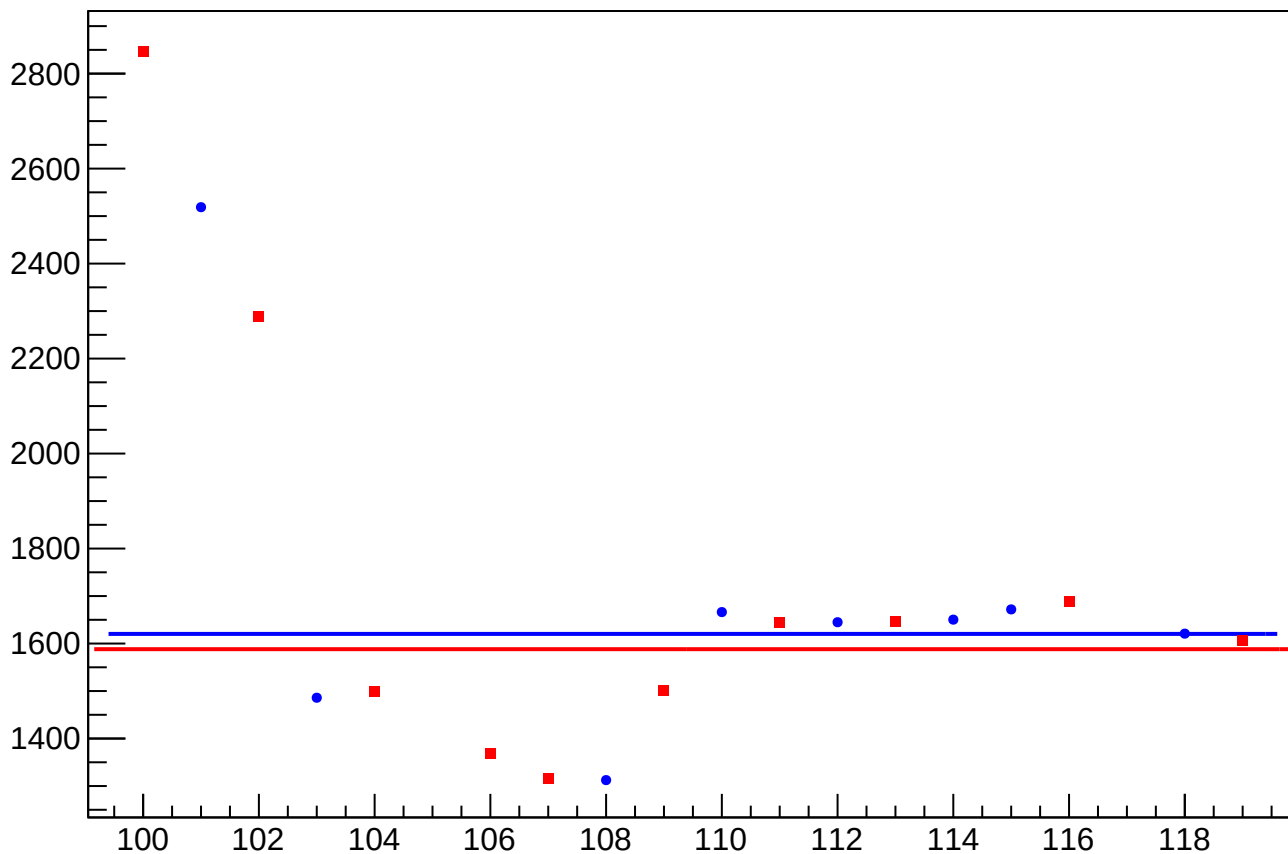
Right: 2437.656+/-604.317 χ^2/NDF : 16.7/17

In: 3455.284+/-903.072 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2437.656+/-604.317 χ^2/NDF : 16.7/17

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1620.310+/-0.639 χ^2/NDF : 220949.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.145+/-0.574 χ^2/NDF : 166826.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

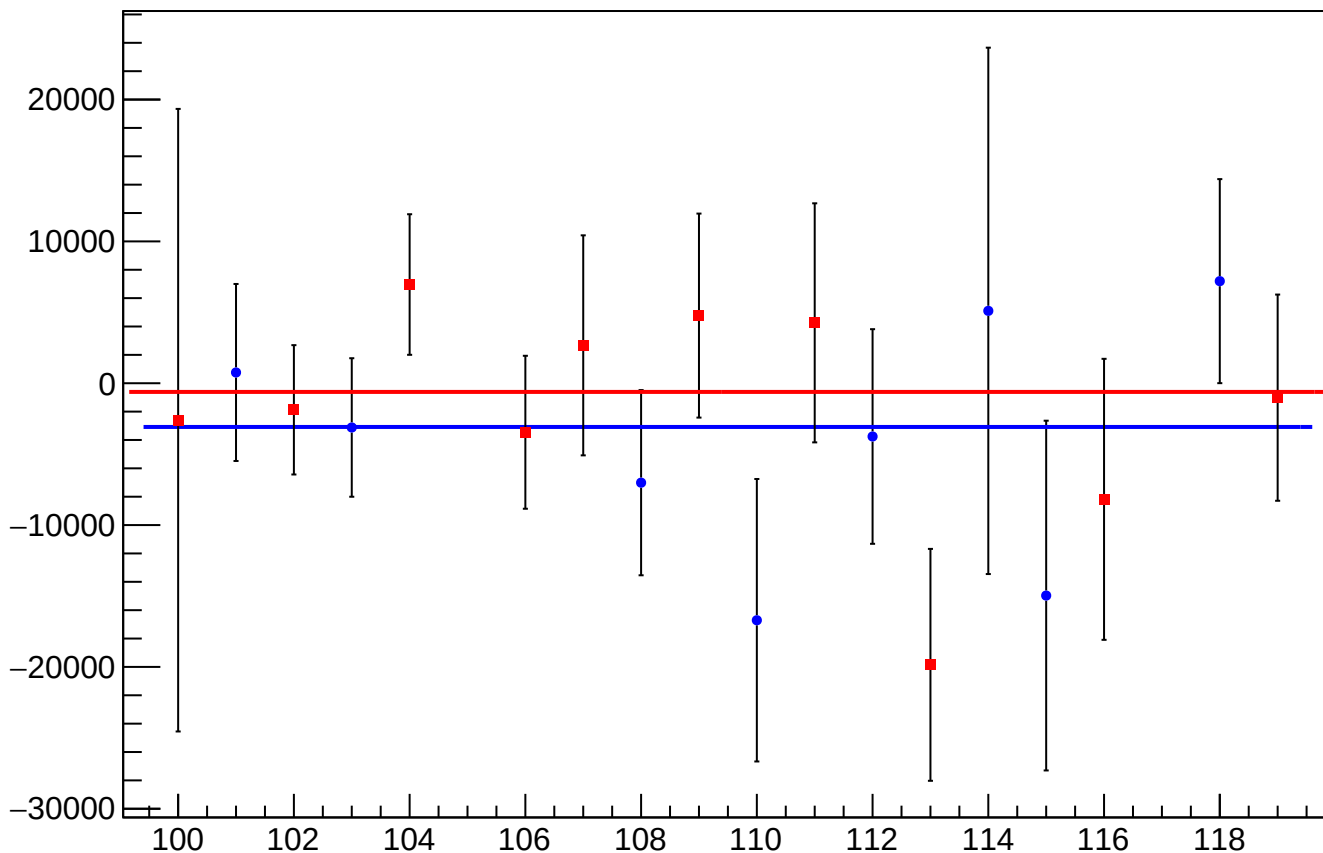
Right: 1602.523+/-0.427 χ^2/NDF : 389178.5/17

In: 1620.310+/-0.639 χ^2/NDF : 220949.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.523+/-0.427 χ^2/NDF : 389178.5/17

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3082.197+/-2604.188 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -612.009+/-2134.861 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

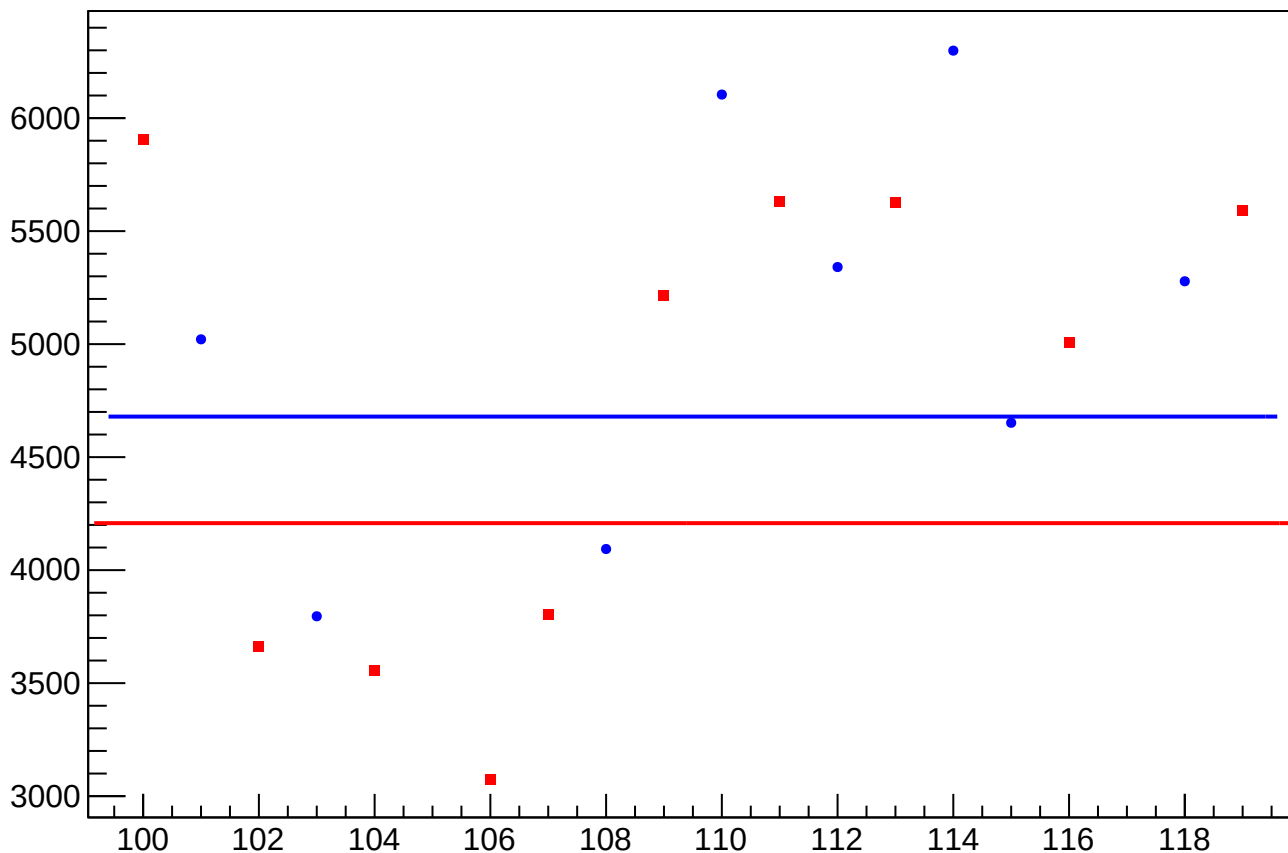
Right: -1604.846+/-1650.997 χ^2/NDF : 16.2/17

In: -3082.197+/-2604.188 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1604.846+/-1650.997 χ^2/NDF : 16.2/17

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4679.412+/-1.841 χ^2/NDF : 172935.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4207.860+/-1.510 χ^2/NDF : 411031.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

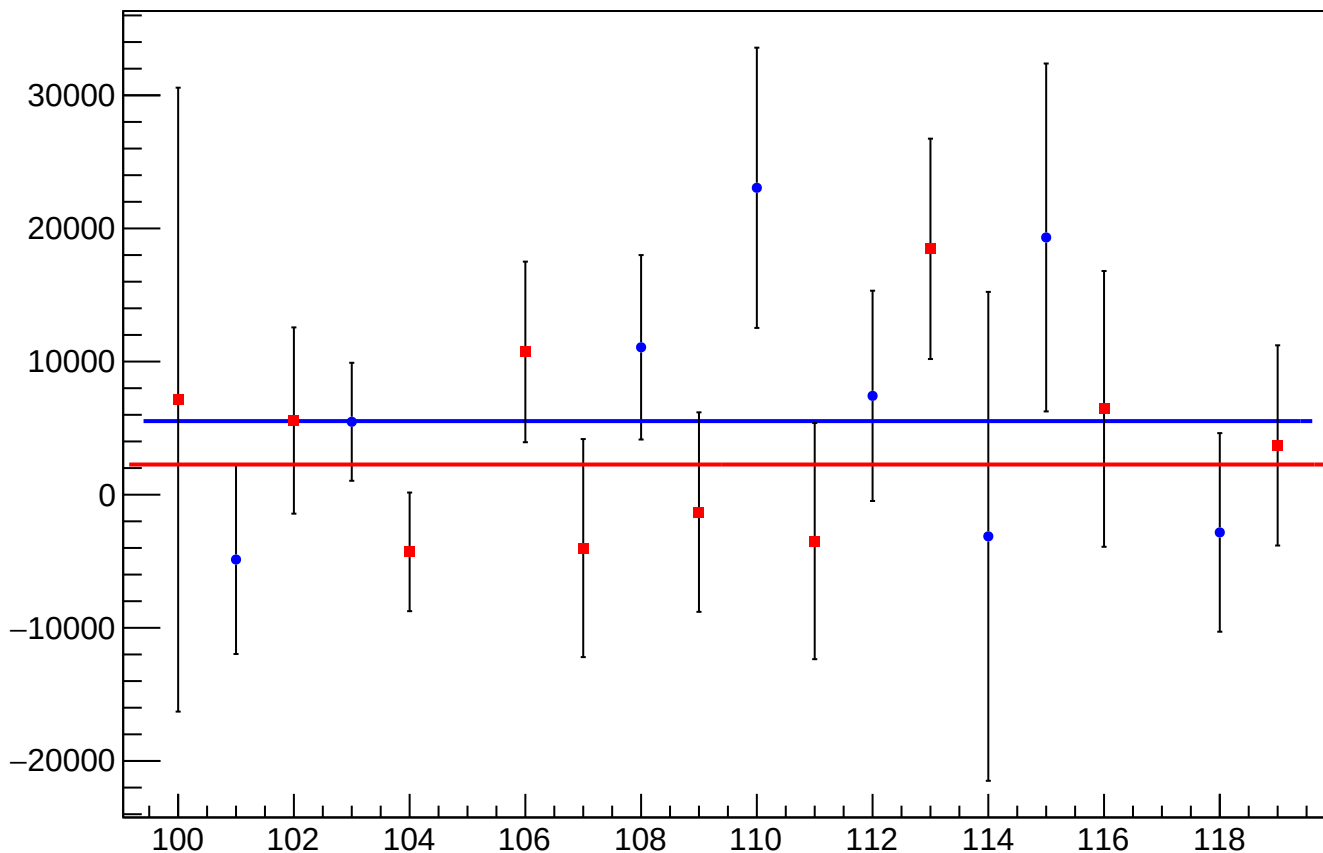
Right: 4397.390+/-1.167 χ^2/NDF : 623185.7/17

In: 4679.412+/-1.841 χ^2/NDF : 172935.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4397.390+/-1.167 χ^2/NDF : 623185.7/17

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 5528.015+/-2640.143 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2267.208+/-2347.781 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

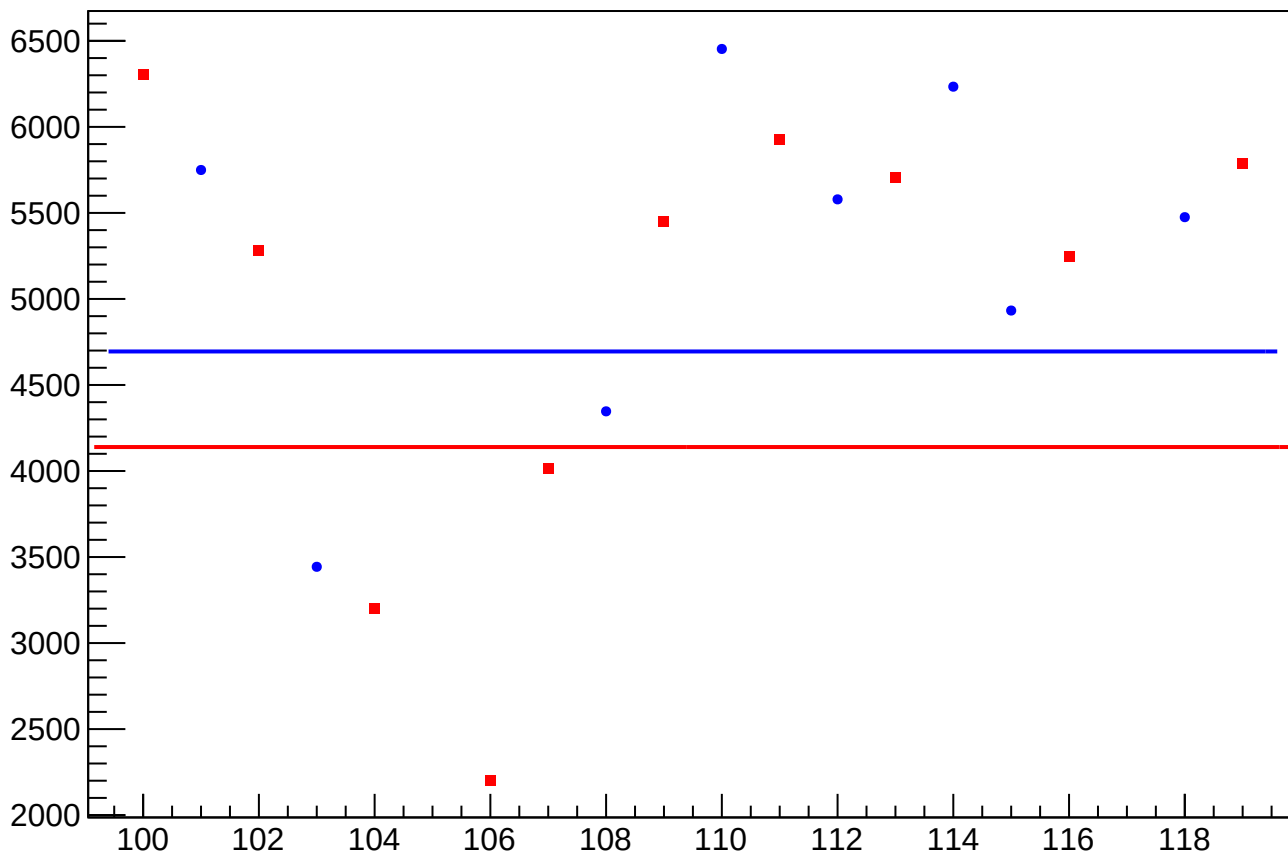
Right: 3707.137+/-1754.428 χ^2/NDF : 18.3/17

In: 5528.015+/-2640.143 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3707.137+/-1754.428 χ^2/NDF : 18.3/17

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 4694.778+/-1.867 χ^2/NDF : 326187.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4139.297+/-1.564 χ^2/NDF : 828203.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

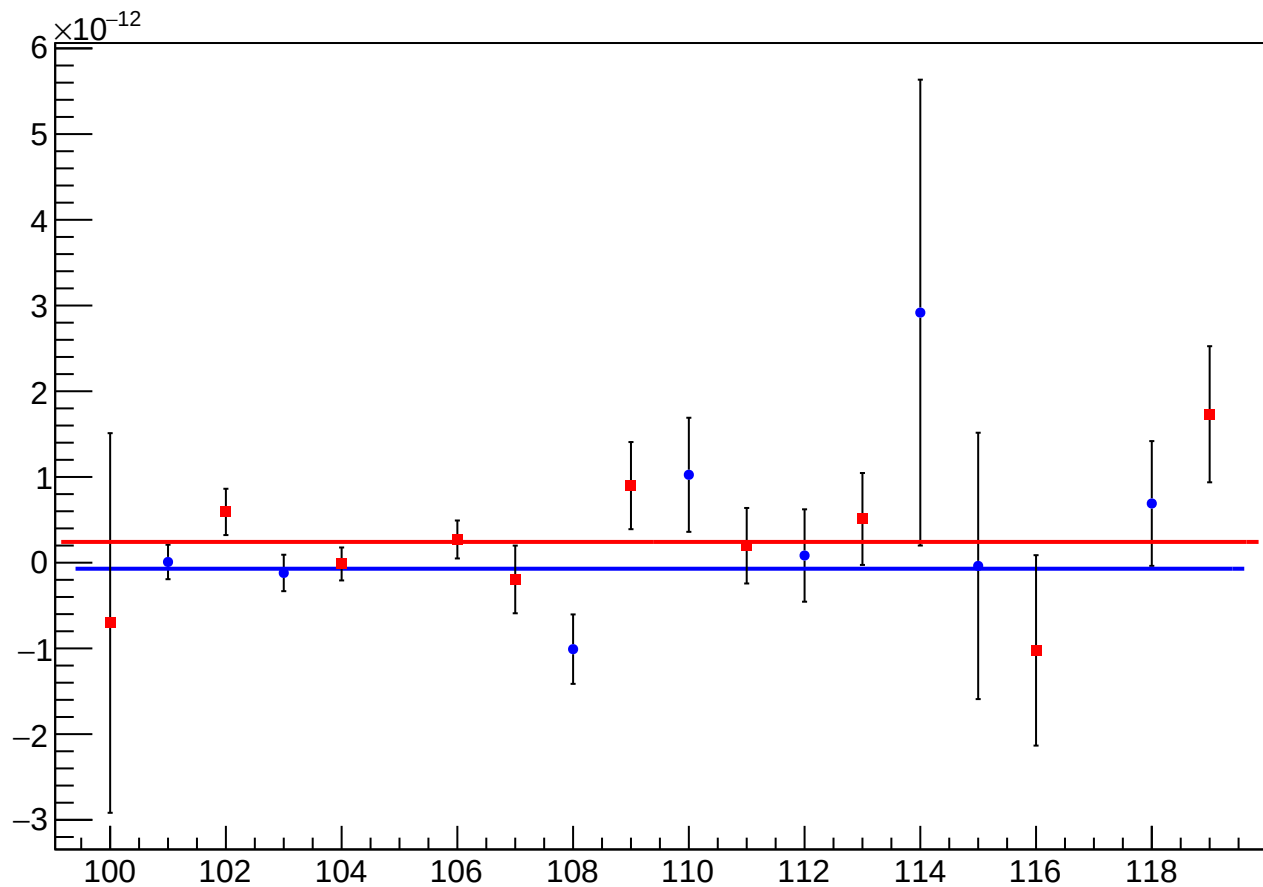
Right: 4368.424+/-1.199 χ^2/NDF : 1206406.6/17

In: 4694.778+/-1.867 χ^2/NDF : 326187.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4368.424+/-1.199 χ^2/NDF : 1206406.6/17

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

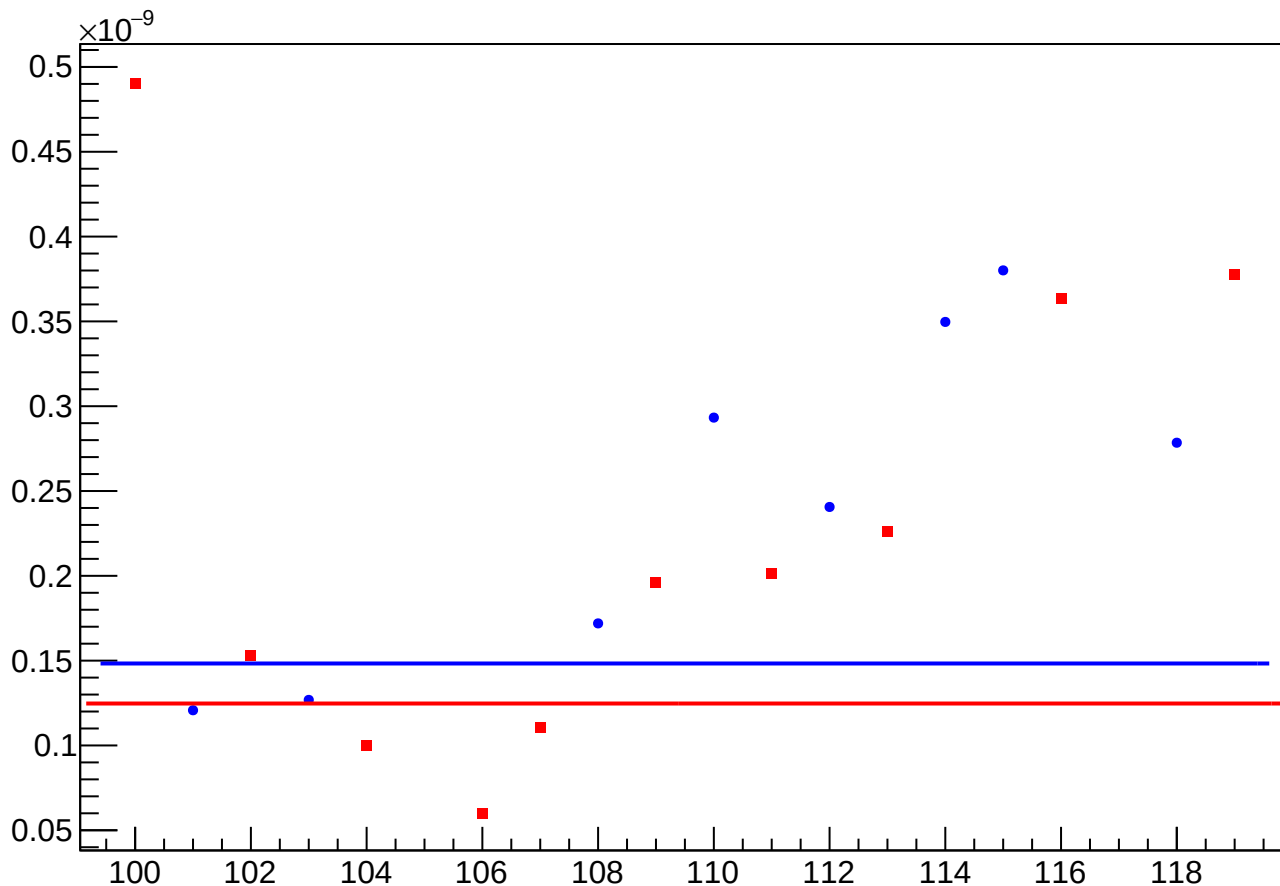
Right: 0.000+/-0.000 χ^2/NDF : 25.7/17

In: -0.000+/-0.000 χ^2/NDF : 10.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.7/17

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 337853.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 751600.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

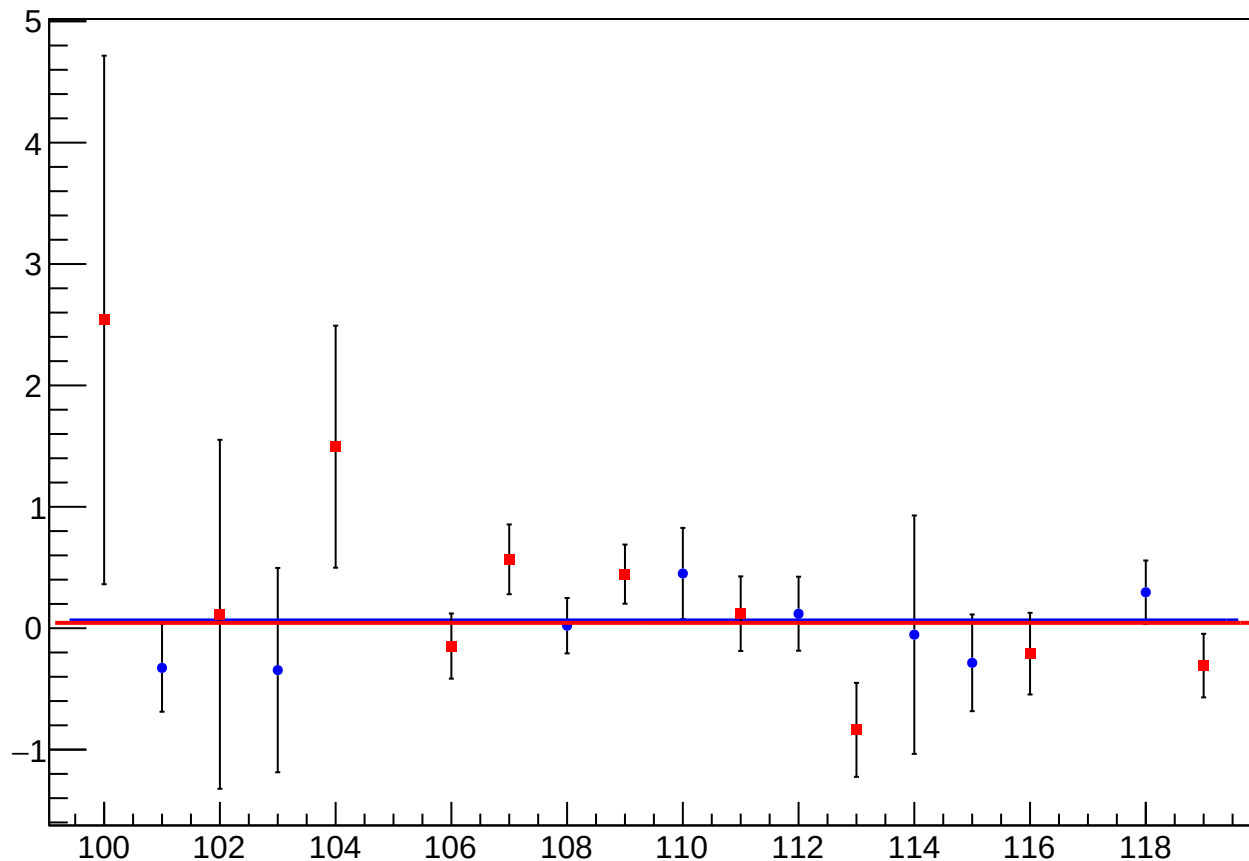
Right: 0.000+/-0.000 χ^2/NDF : 1128613.9/17

In: 0.000+/-0.000 χ^2/NDF : 337853.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1128613.9/17

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.121 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.108 χ^2 /NDF: 17.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

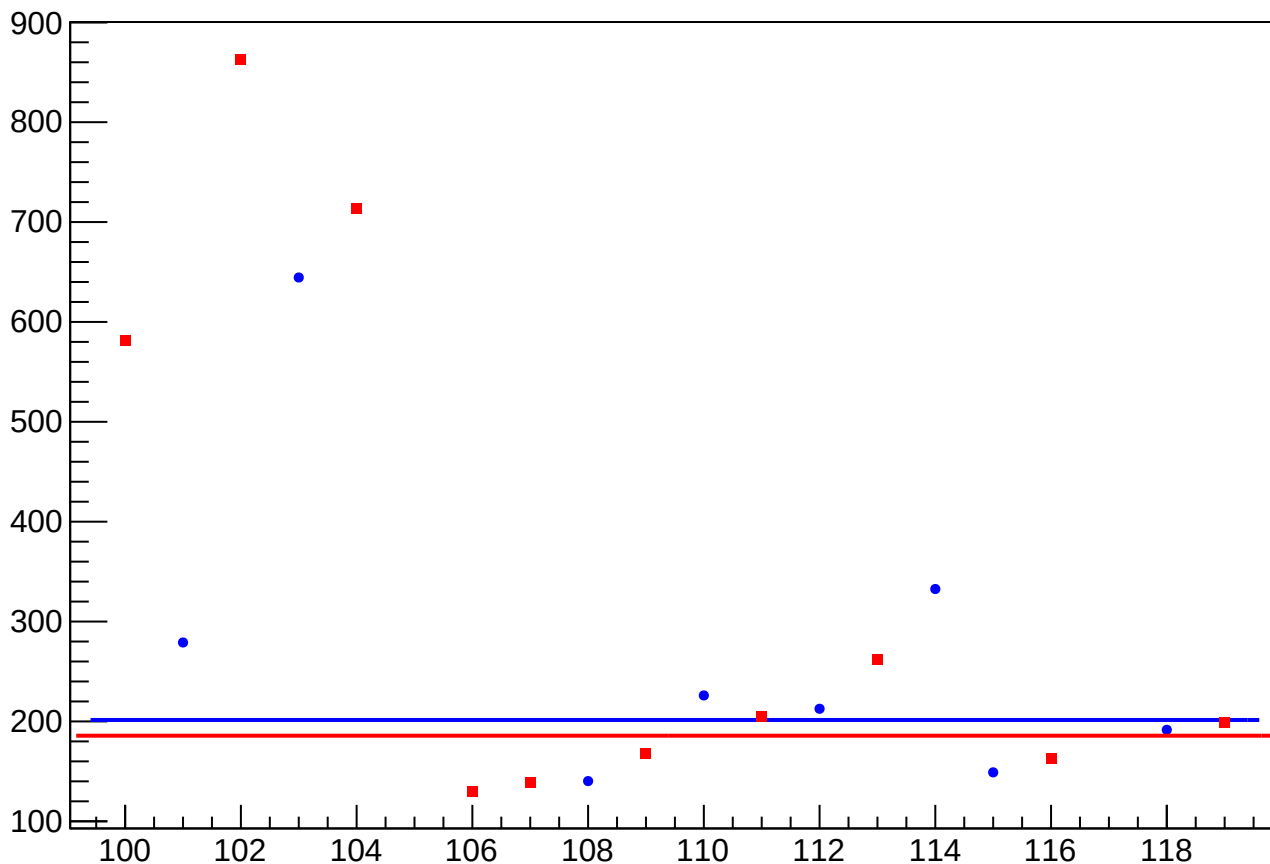
Right: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

In: 0.064 $\pm$ 0.121 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.463+/-0.086 χ^2/NDF : 874931.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.708+/-0.077 χ^2/NDF : 1318497.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

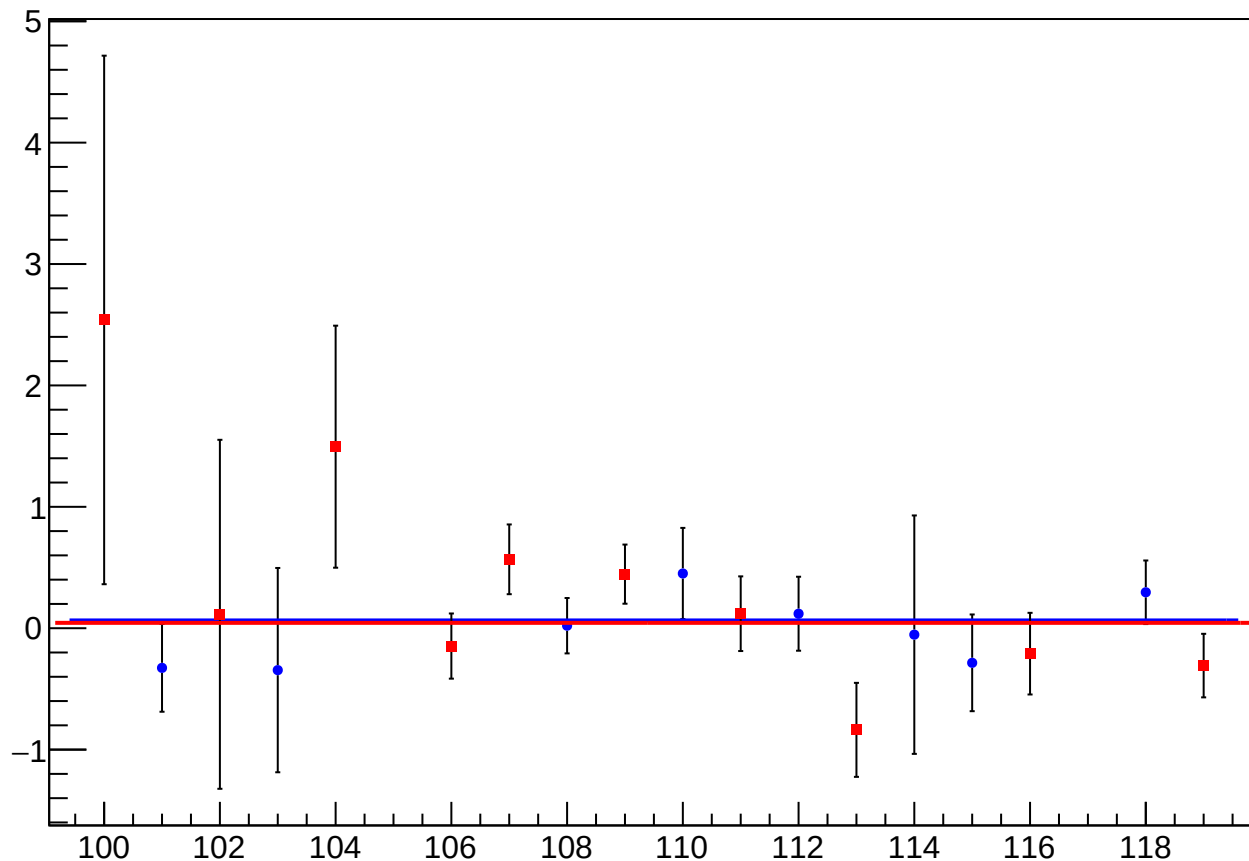
Right: 192.704+/-0.057 χ^2/NDF : 2212216.8/17

In: 201.463+/-0.086 χ^2/NDF : 874931.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.704+/-0.057 χ^2/NDF : 2212216.8/17

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.121 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.108 χ^2/NDF : 17.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

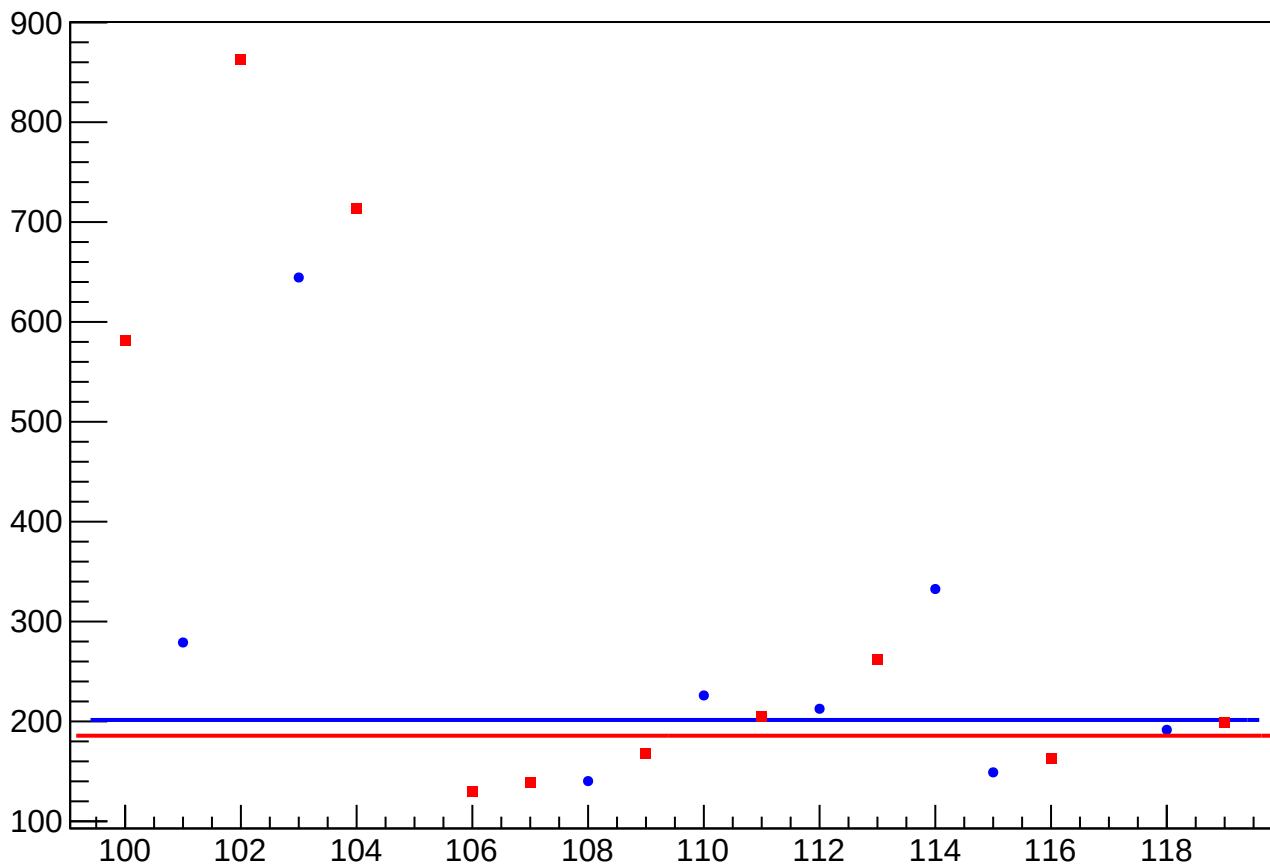
Right: 0.053+/-0.081 χ^2/NDF : 21.7/17

In: 0.064+/-0.121 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-0.081 χ^2/NDF : 21.7/17

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.463+/-0.086 χ^2/NDF : 874931.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.708+/-0.077 χ^2/NDF : 1318497.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

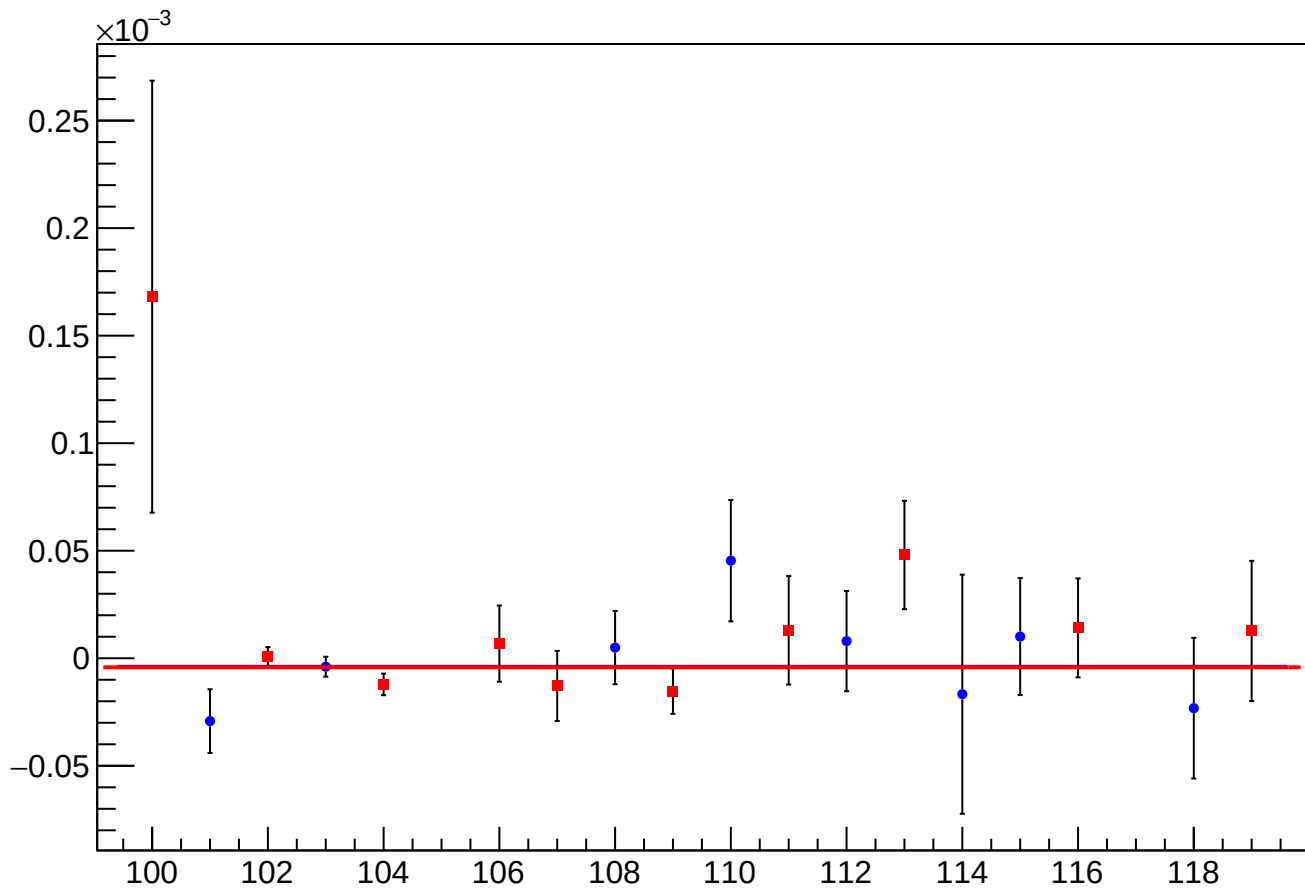
Right: 192.704+/-0.057 χ^2/NDF : 2212216.8/17

In: 201.463+/-0.086 χ^2/NDF : 874931.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.704+/-0.057 χ^2/NDF : 2212216.8/17

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

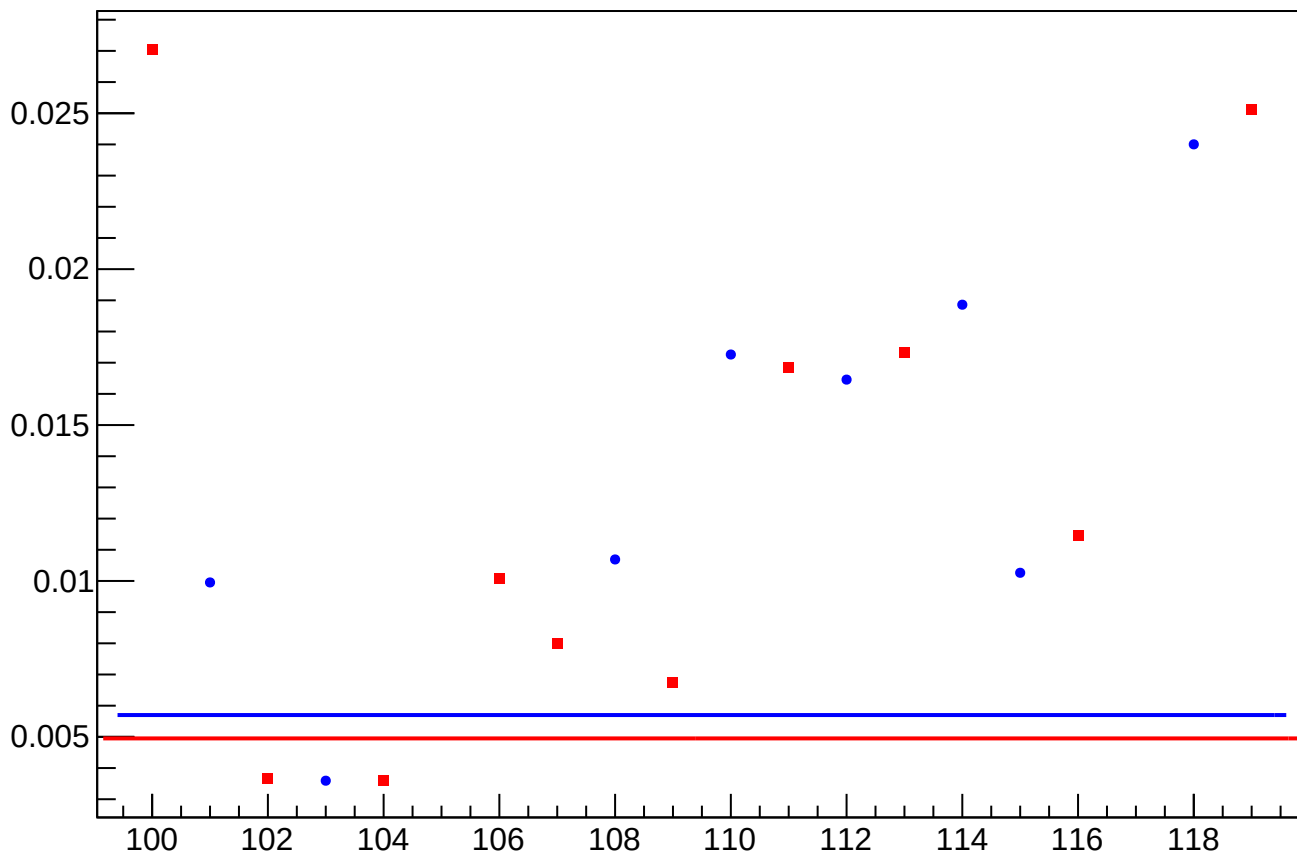
Right: -0.000+/-0.000 χ^2/NDF : 21.2/17

In: -0.000+/-0.000 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/17

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 2307303.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 2547598.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

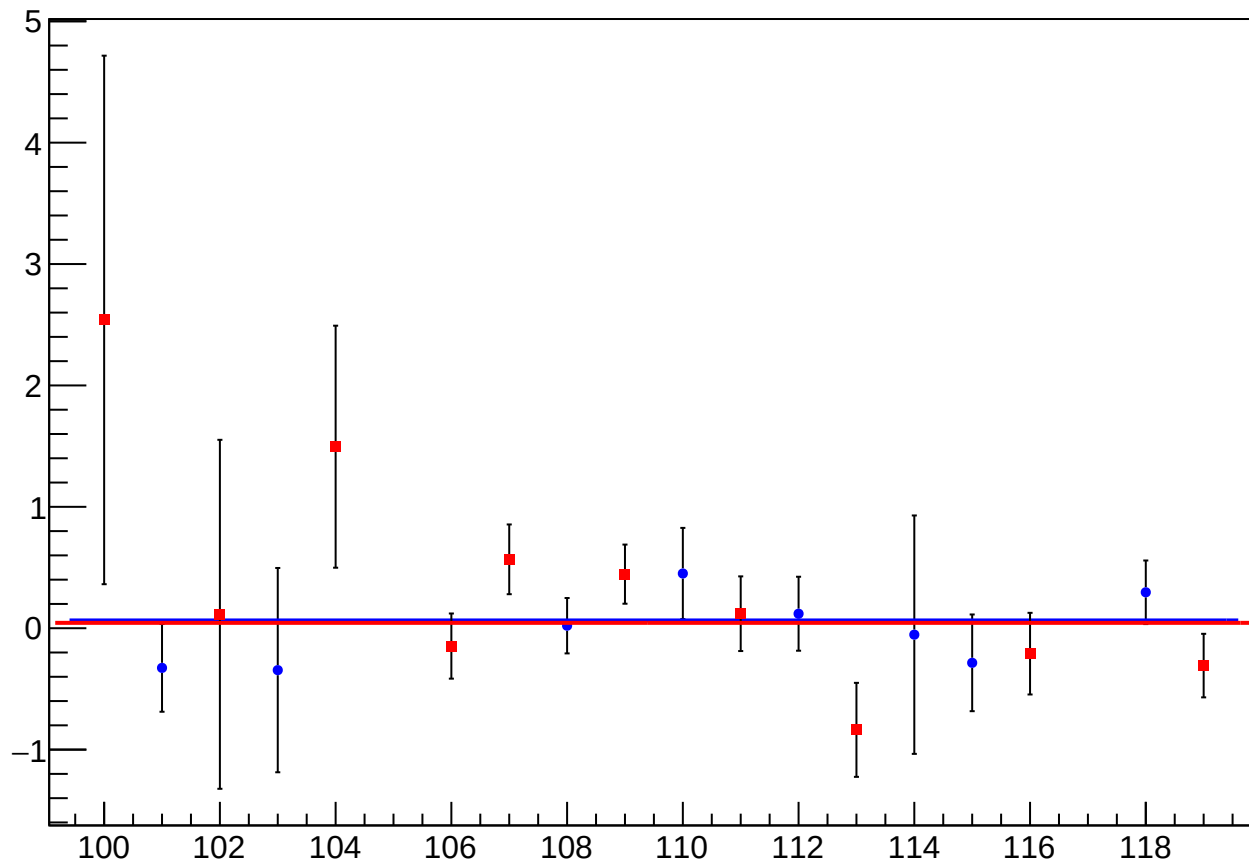
Right: 0.005+/-0.000 χ^2/NDF : 4898753.7/17

In: 0.006+/-0.000 χ^2/NDF : 2307303.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4898753.7/17

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.121 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.108 χ^2 /NDF: 17.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

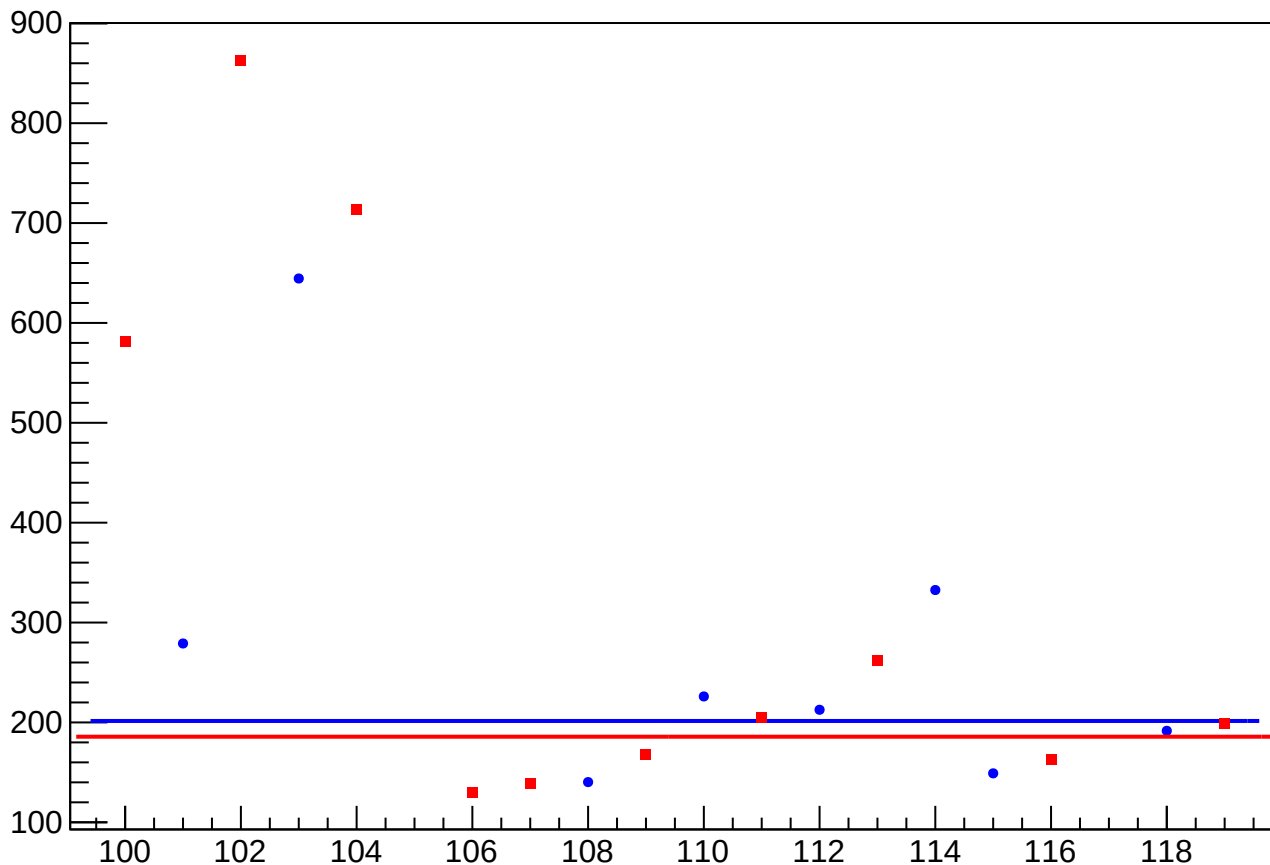
Right: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

In: 0.064 $\pm$ 0.121 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.462+/-0.086 χ^2/NDF : 874940.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.709+/-0.077 χ^2/NDF : 1318493.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

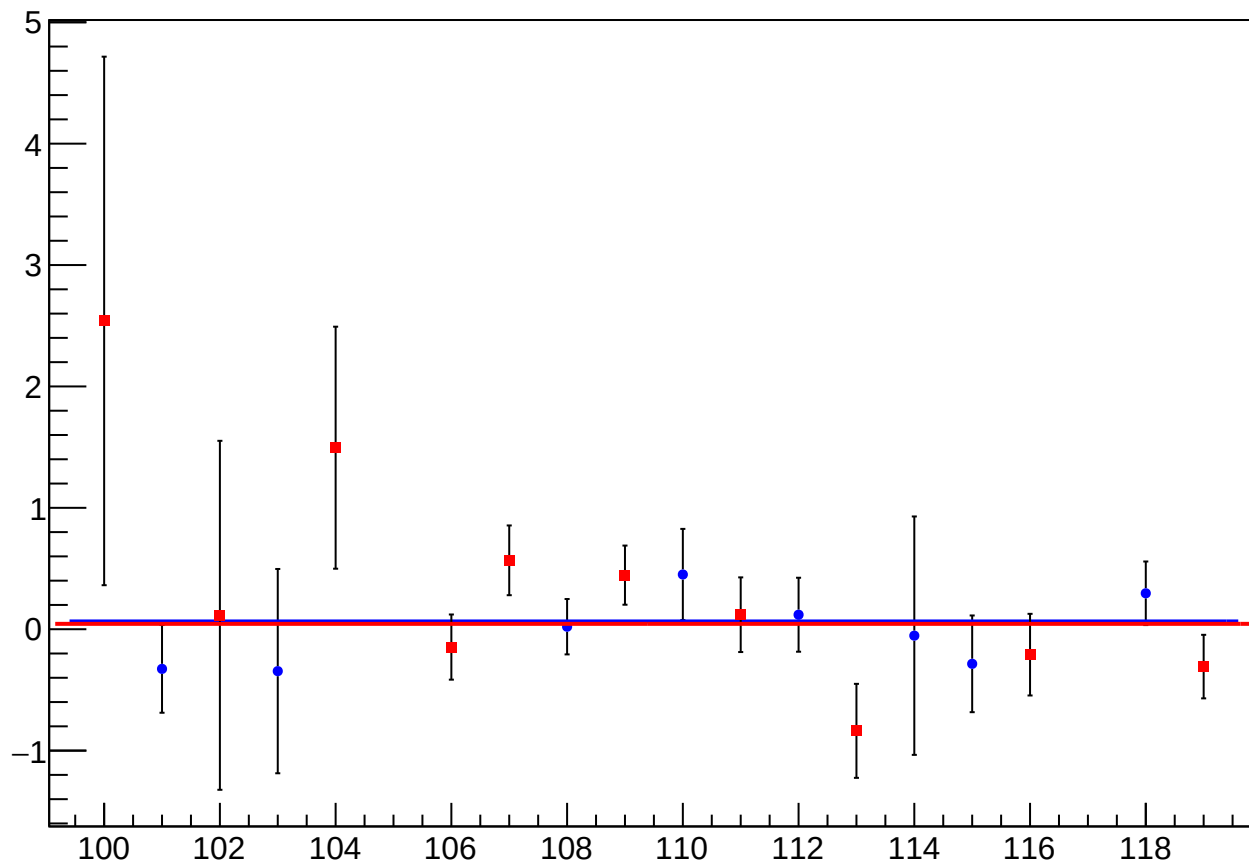
Right: 192.704+/-0.057 χ^2/NDF : 2212217.9/17

In: 201.462+/-0.086 χ^2/NDF : 874940.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.704+/-0.057 χ^2/NDF : 2212217.9/17

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.064 $\pm$ 0.121 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.108 χ^2 /NDF: 17.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

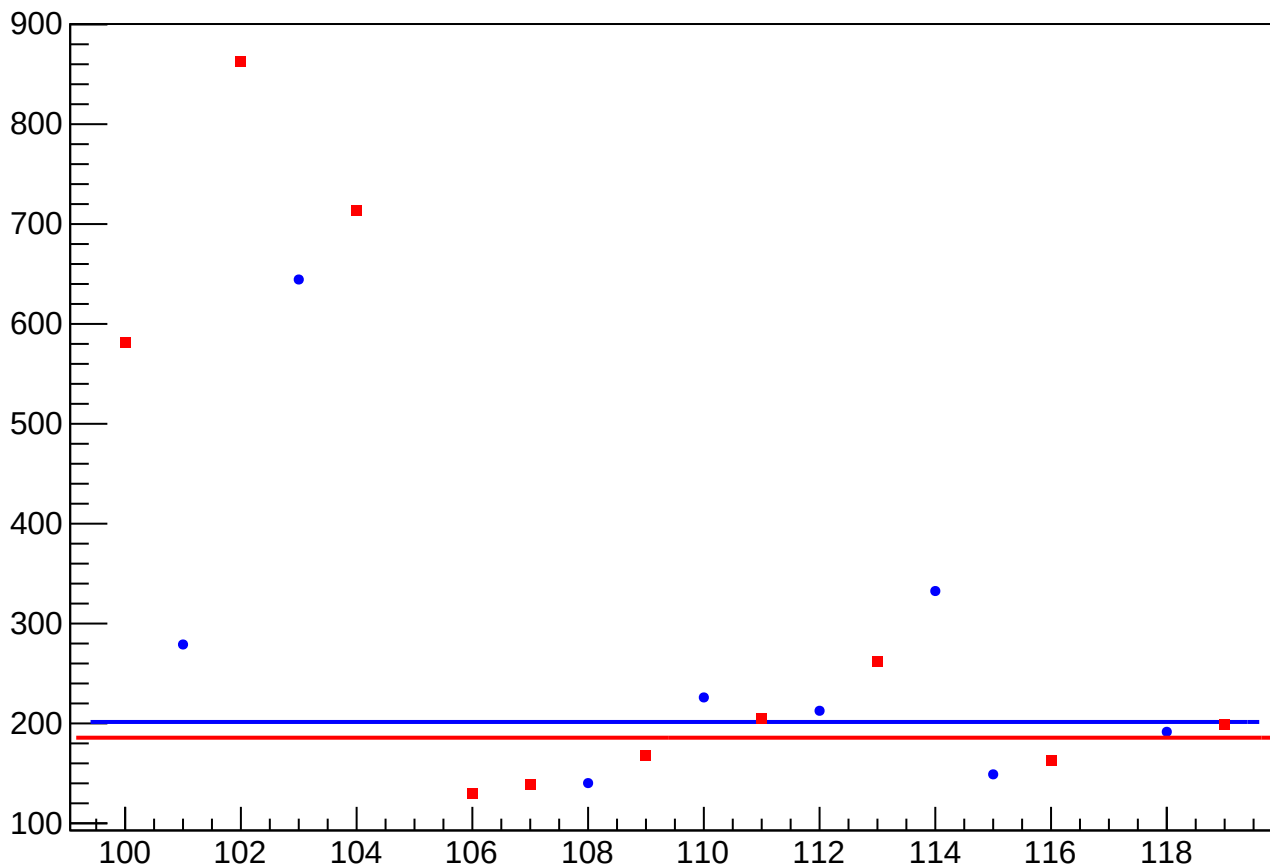
Right: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

In: 0.064 $\pm$ 0.121 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.053 $\pm$ 0.081 χ^2 /NDF: 21.7/17

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 201.462+/-0.086 χ^2/NDF : 874940.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.709+/-0.077 χ^2/NDF : 1318493.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

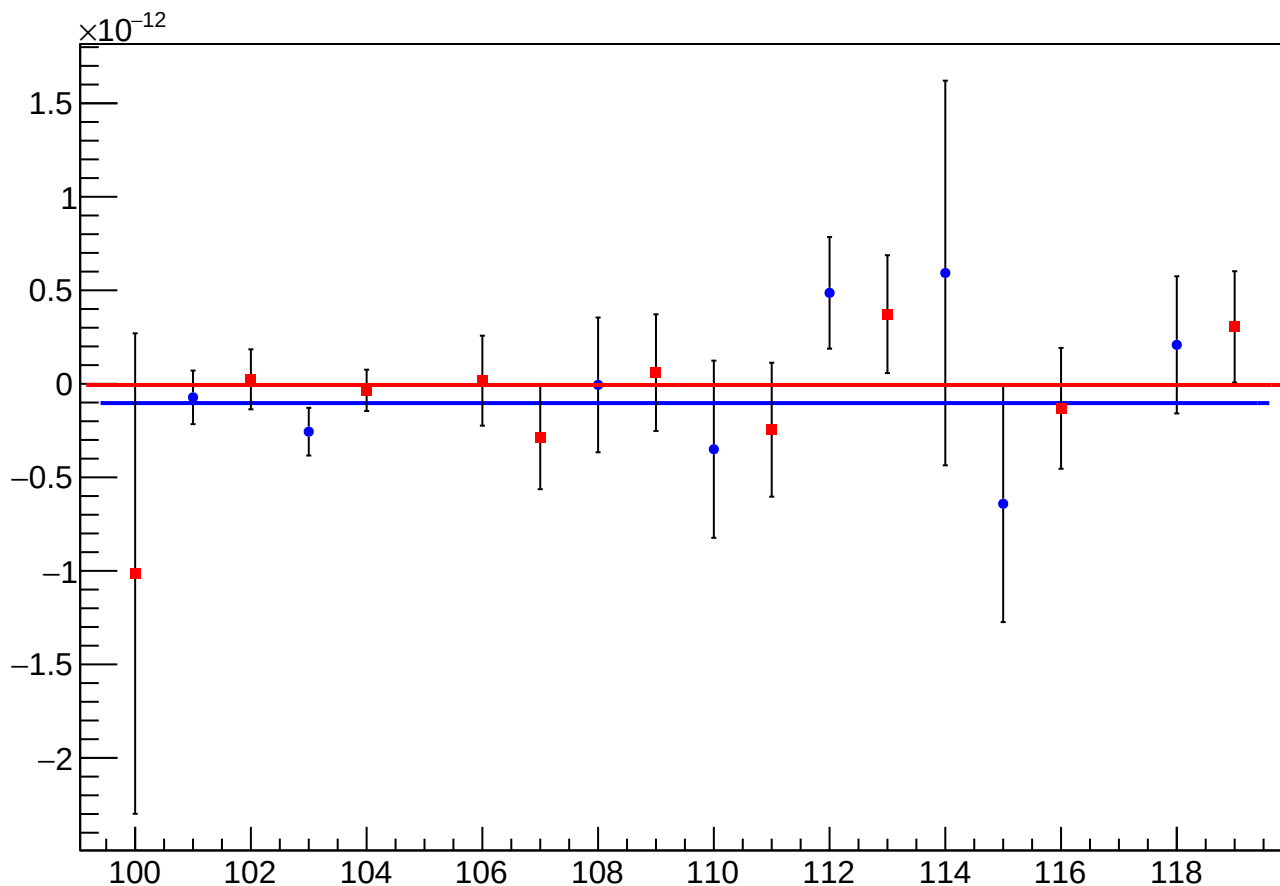
Right: 192.704+/-0.057 χ^2/NDF : 2212217.9/17

In: 201.462+/-0.086 χ^2/NDF : 874940.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.704+/-0.057 χ^2/NDF : 2212217.9/17

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

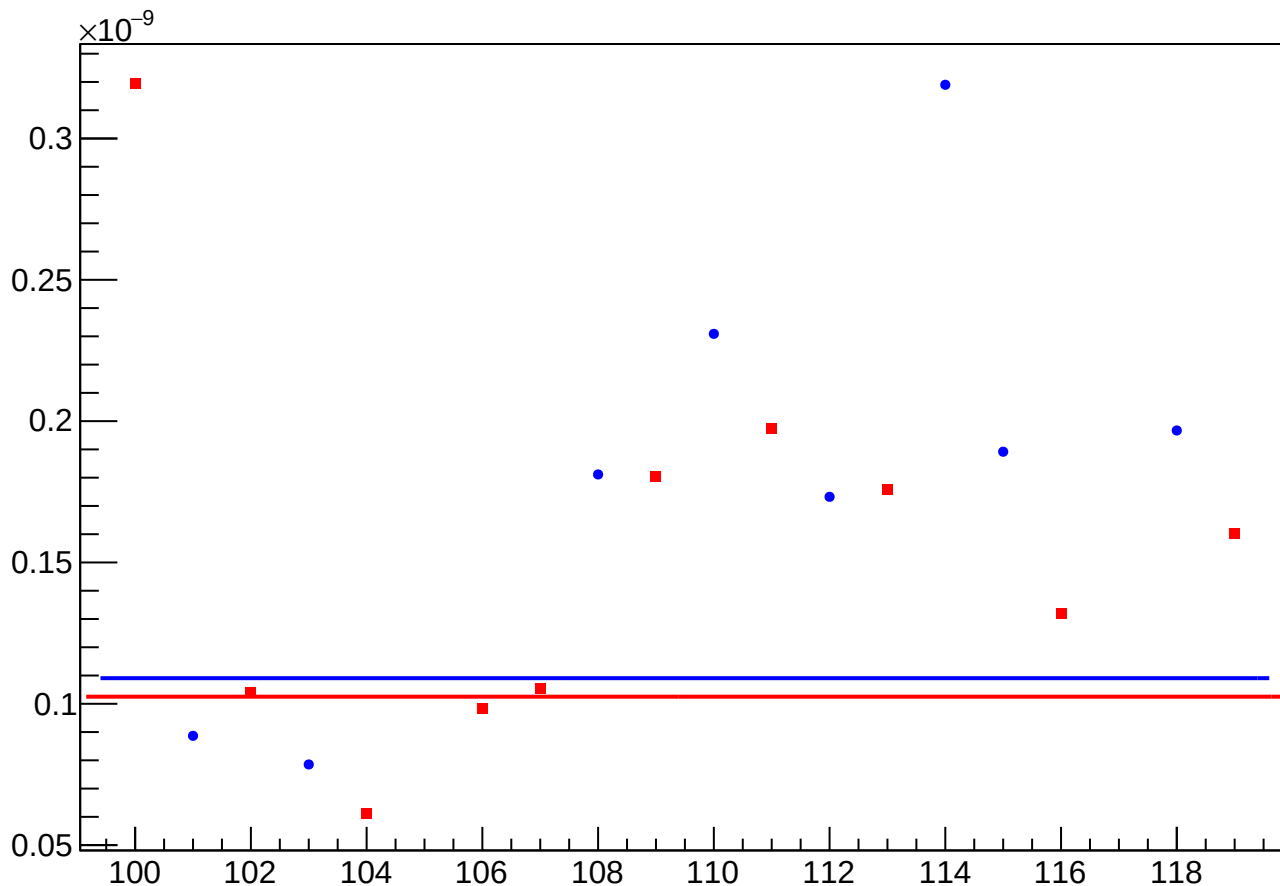
Right: -0.000+/-0.000 χ^2/NDF : 13.3/17

In: -0.000+/-0.000 χ^2/NDF :7.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.3/17

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 689714.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 804481.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

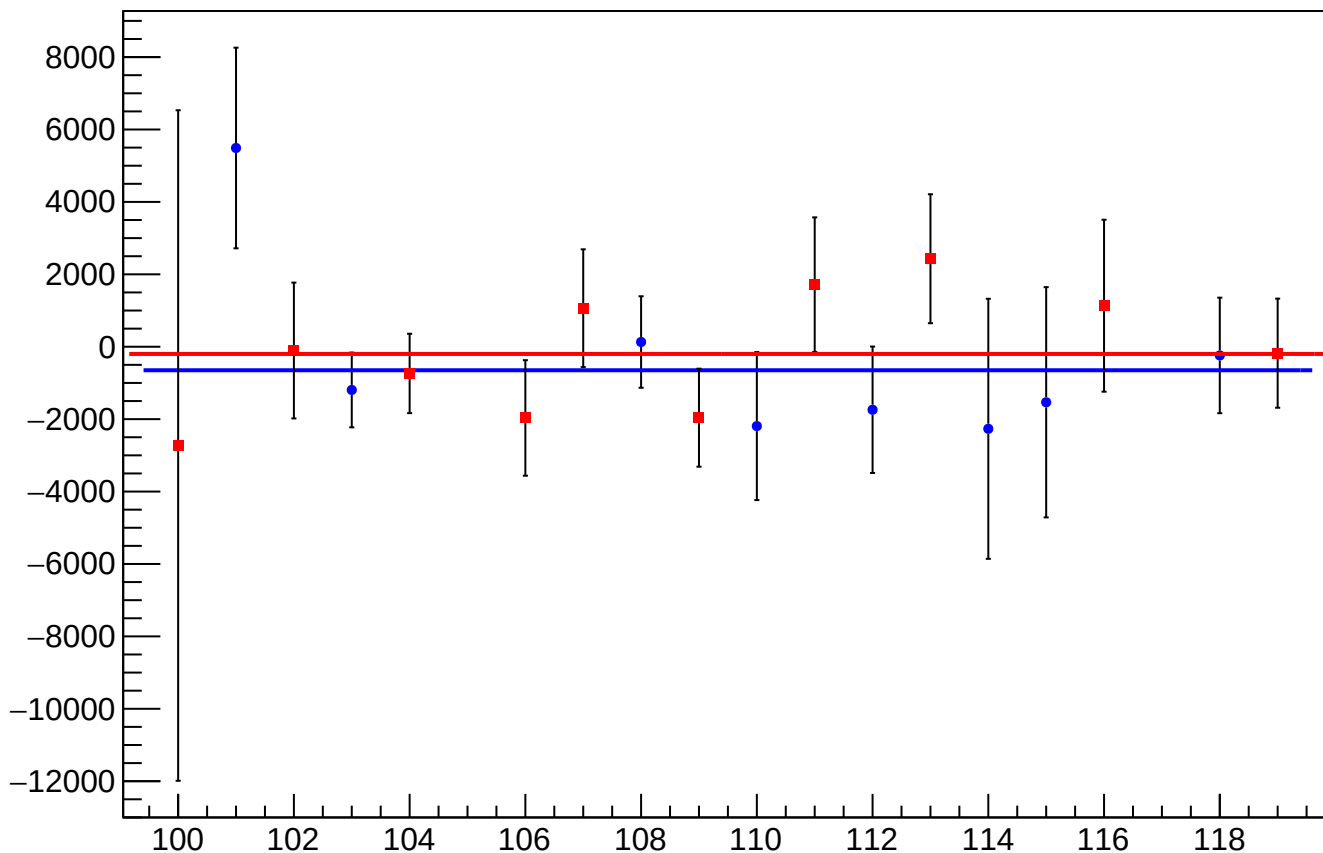
Right: 0.000+/-0.000 χ^2/NDF : 1501396.7/17

In: 0.000+/-0.000 χ^2/NDF : 689714.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1501396.7/17

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -649.919+/-594.374 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.104+/-522.192 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

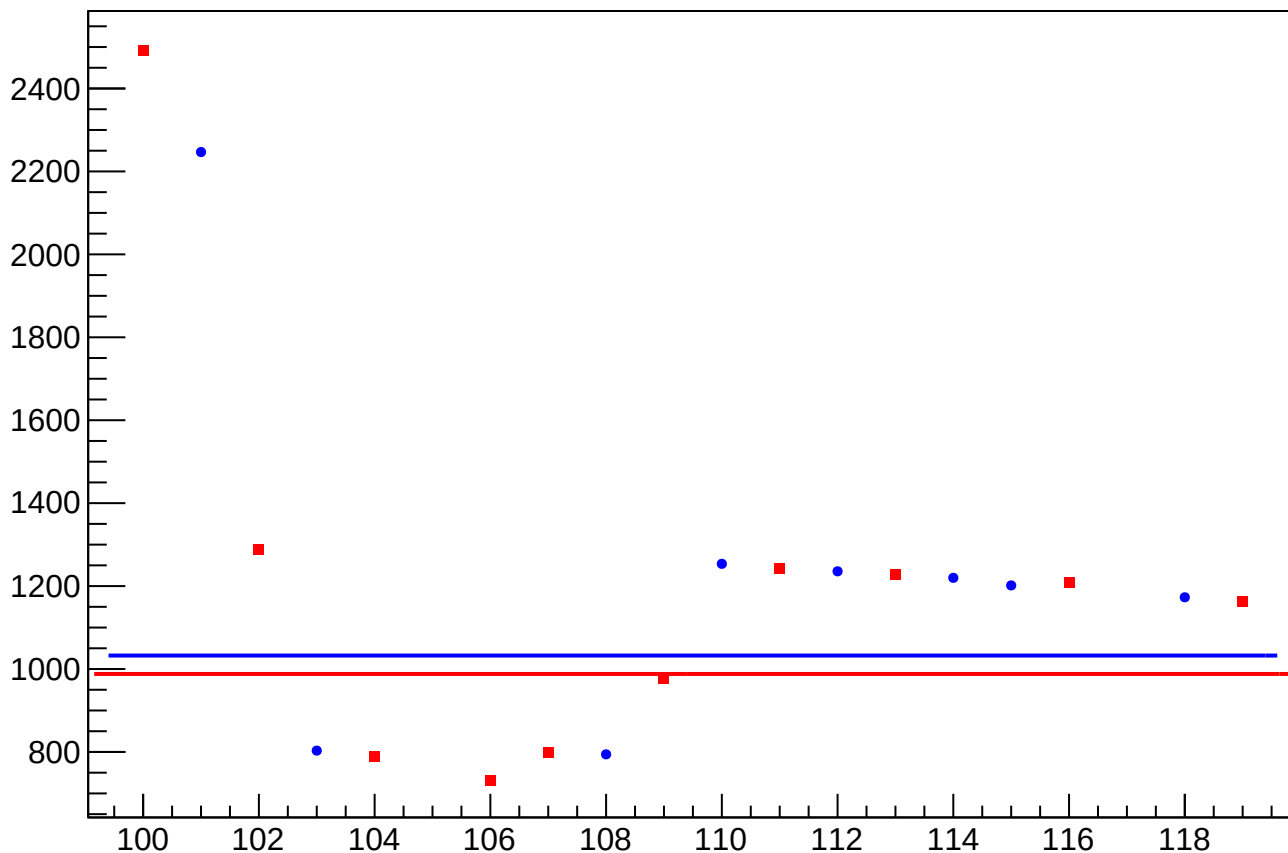
Right: -395.489+/-392.297 χ^2/NDF : 14.6/17

In: -649.919+/-594.374 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.489+/-392.297 χ^2/NDF : 14.6/17

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1032.496+/-0.420 χ^2/NDF : 630848.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 988.086+/-0.364 χ^2/NDF : 379820.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

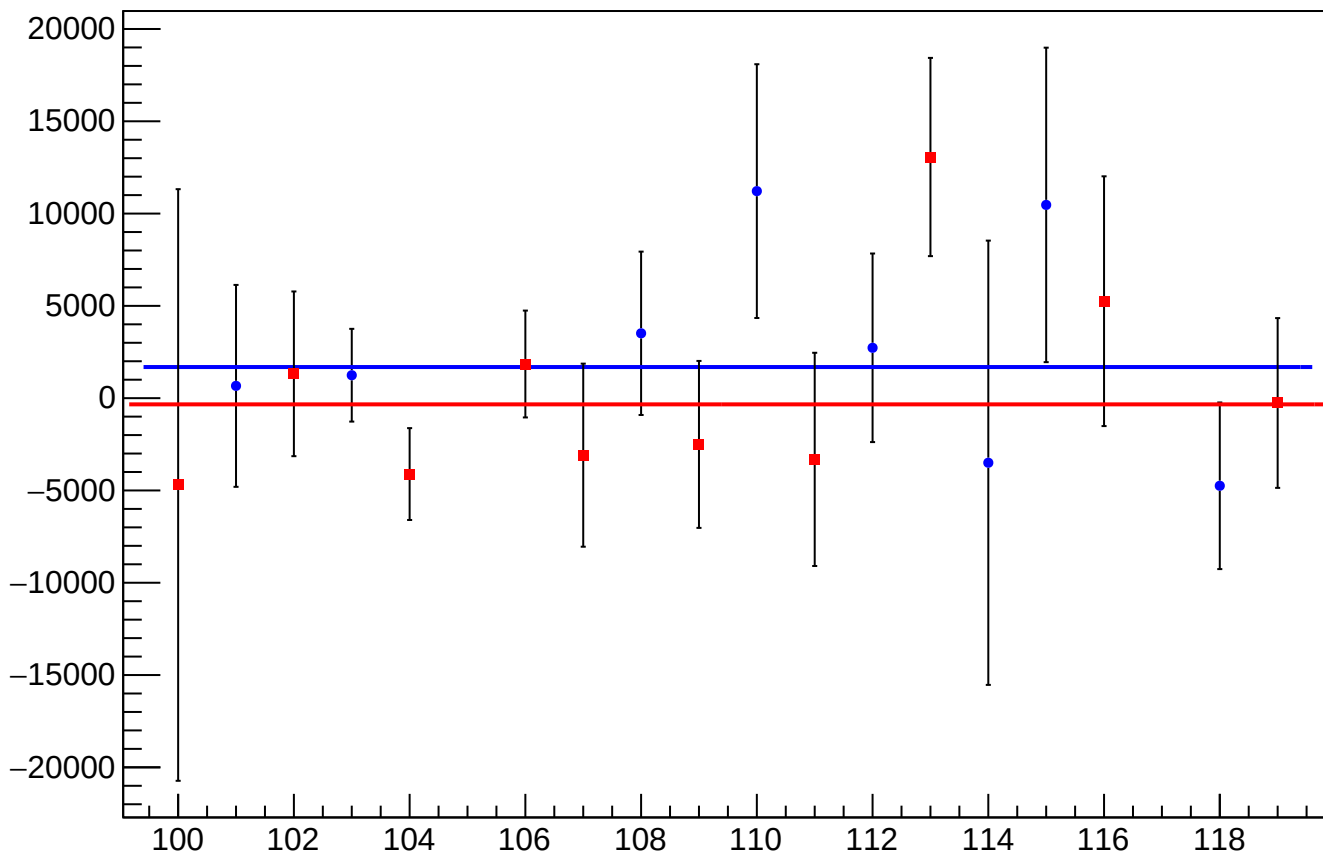
Right: 1007.142+/-0.275 χ^2/NDF : 1017043.1/17

In: 1032.496+/-0.420 χ^2/NDF :630848.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1007.142+/-0.275 χ^2/NDF : 1017043.1/17

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1686.290+/-1639.131 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.733+/-1338.252 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

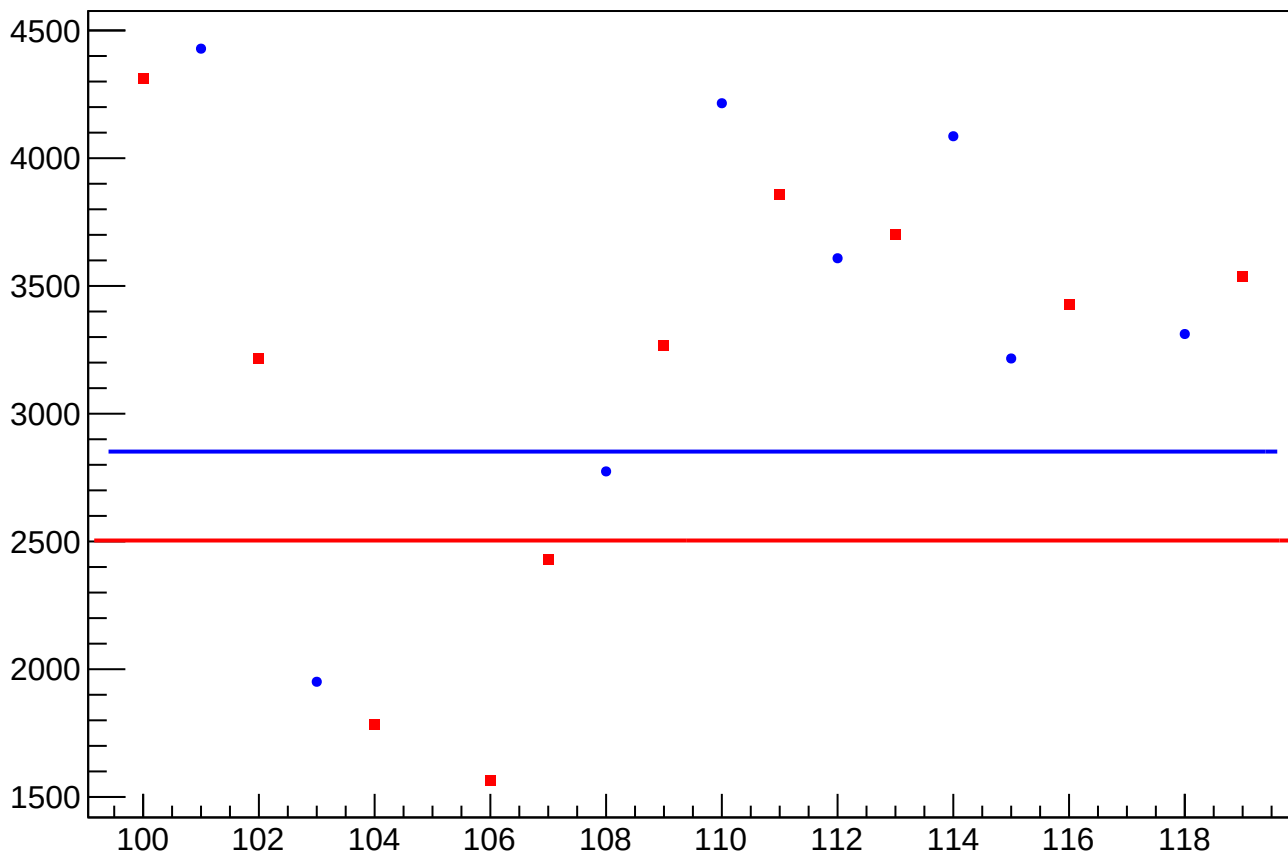
Right: 473.009+/-1036.635 χ^2/NDF : 17.2/17

In: 1686.290+/-1639.131 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.009+/-1036.635 χ^2/NDF : 17.2/17

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2851.790+/-1.159 χ^2/NDF : 592058.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2503.763+/-0.946 χ^2/NDF : 859090.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

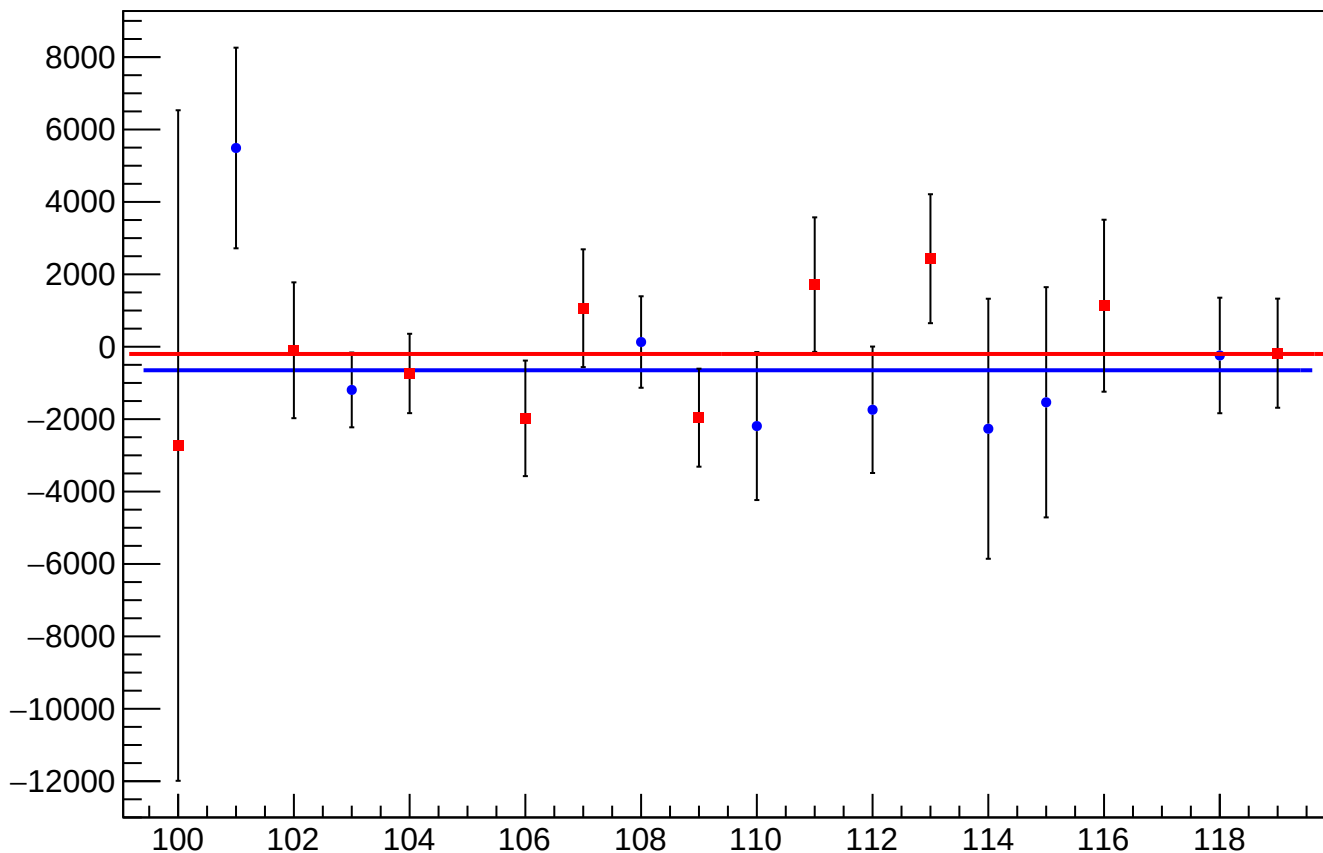
Right: 2642.962+/-0.733 χ^2/NDF : 1505248.8/17

In: 2851.790+/-1.159 χ^2/NDF : 592058.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2642.962+/-0.733 χ^2/NDF : 1505248.8/17

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -649.820+/-594.375 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.606+/-522.201 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

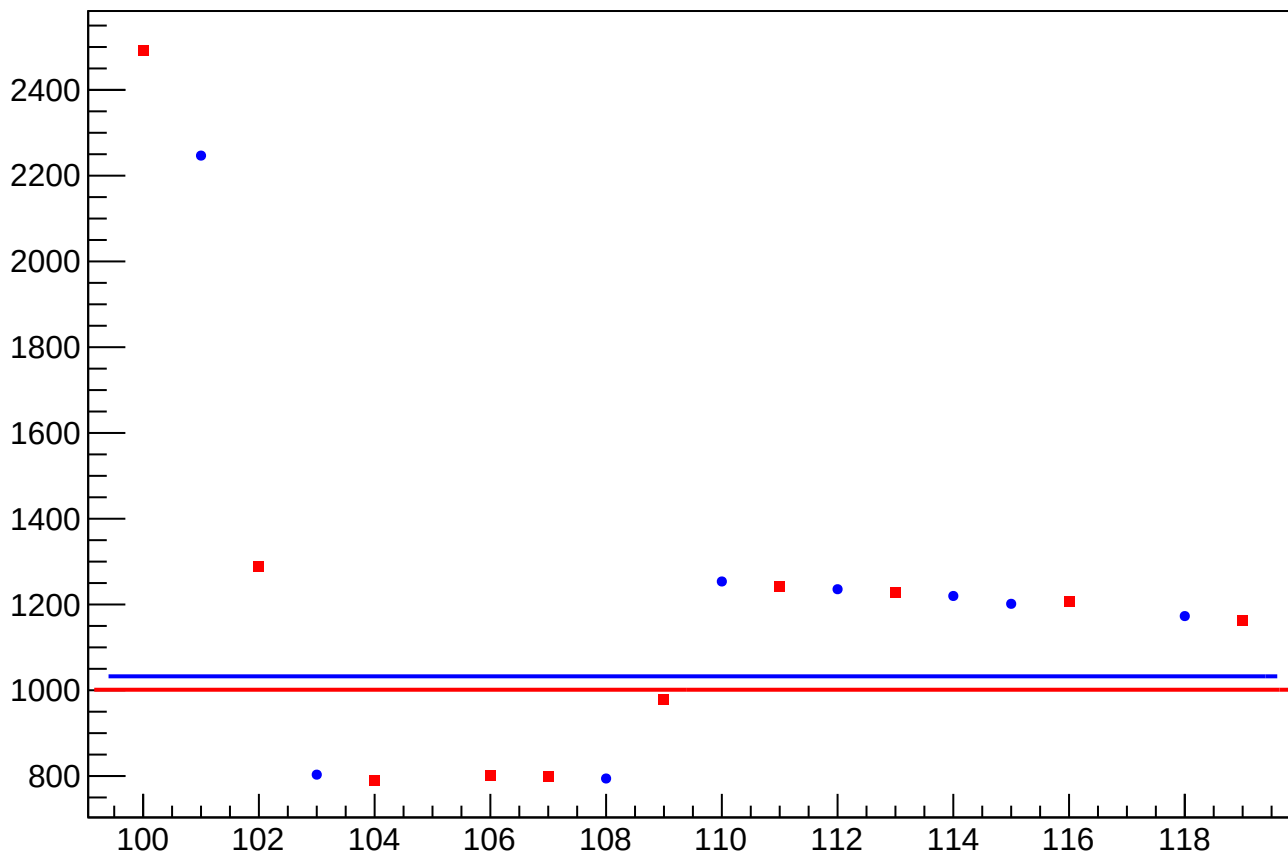
Right: -395.733+/-392.301 χ^2/NDF : 14.6/17

In: -649.820+/-594.375 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.733+/-392.301 χ^2/NDF : 14.6/17

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1032.497+/-0.420 χ^2/NDF : 630845.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.212+/-0.368 χ^2/NDF : 342879.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

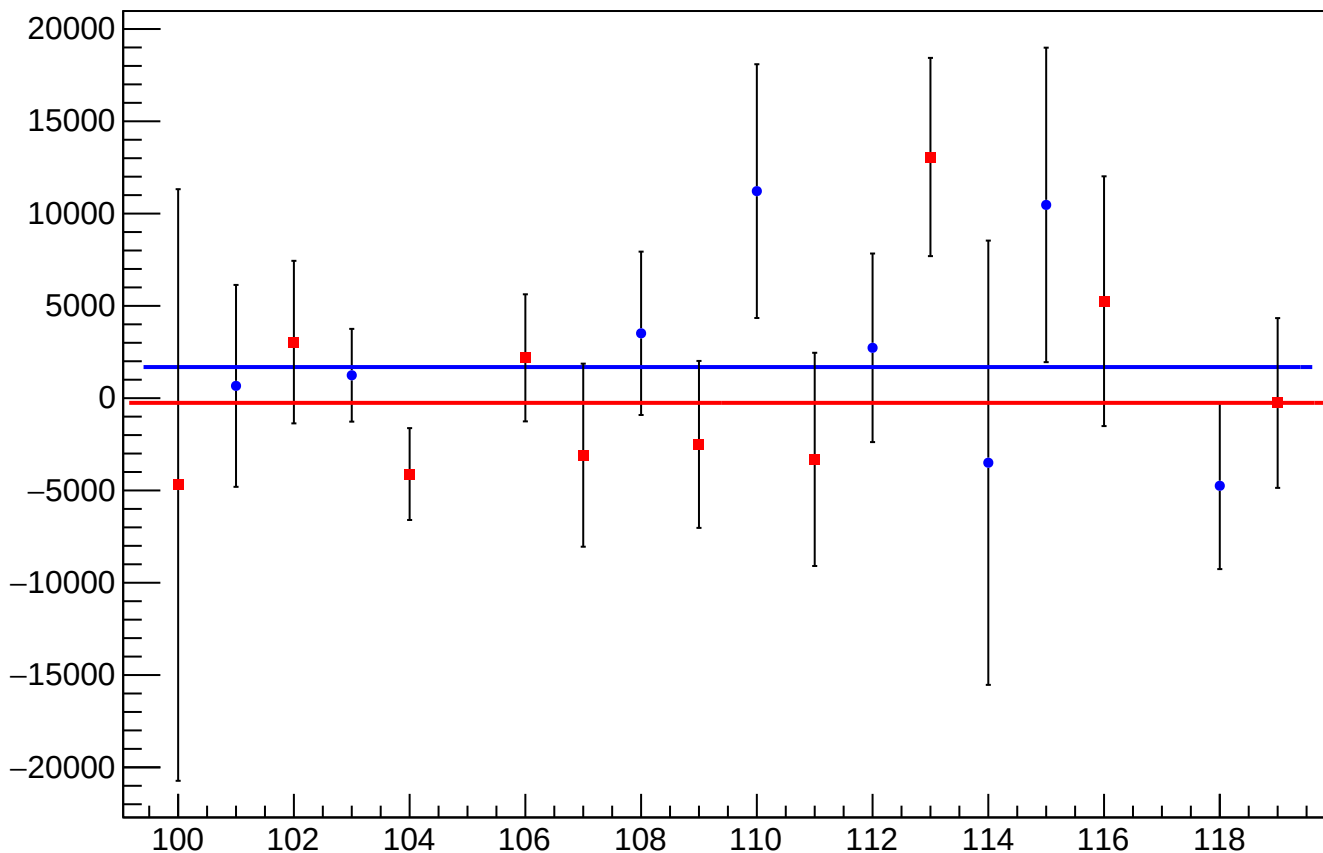
Right: 1014.793+/-0.277 χ^2/NDF : 976861.3/17

In: 1032.497+/-0.420 χ^2/NDF : 630845.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.793+/-0.277 χ^2/NDF : 976861.3/17

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1685.447+/-1639.249 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.166+/-1380.473 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

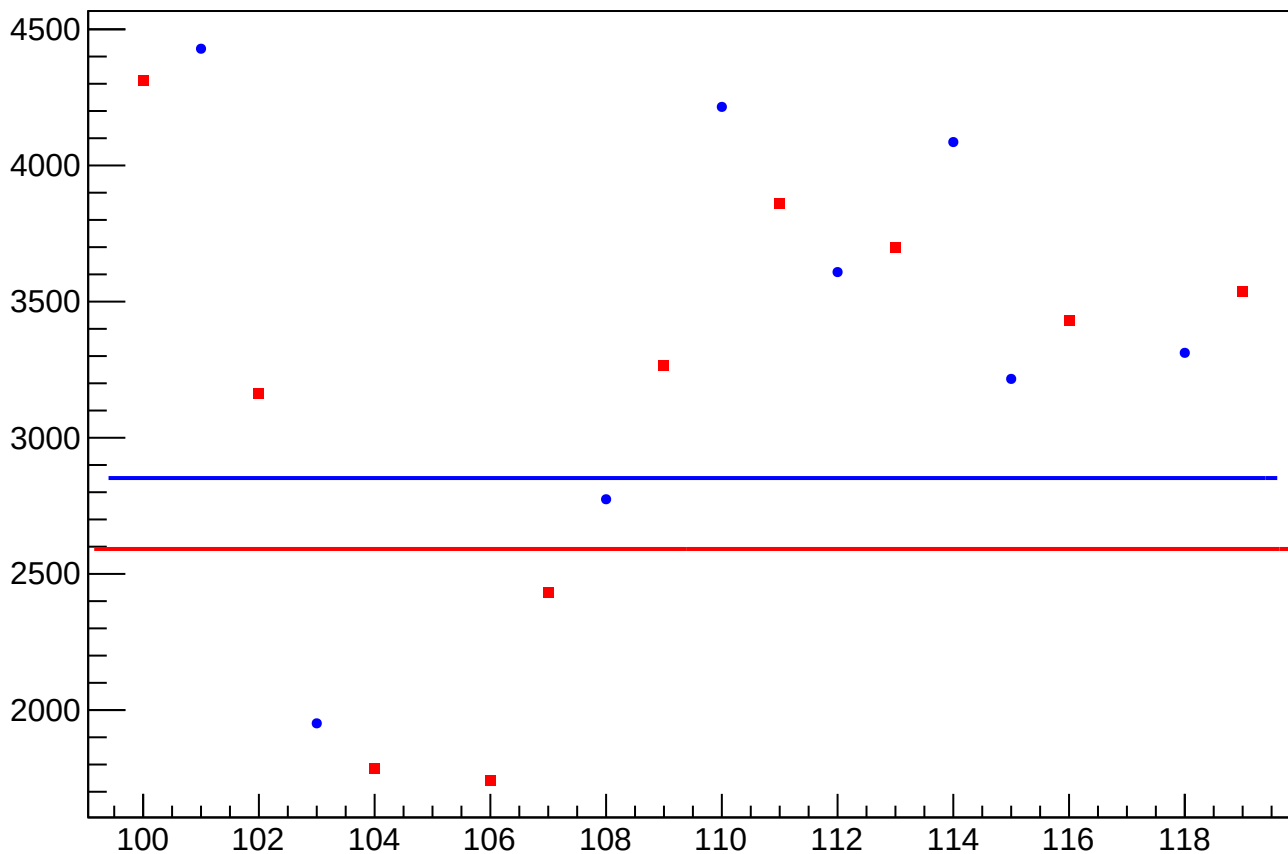
Right: 550.636+/-1055.922 χ^2/NDF : 17.5/17

In: 1685.447+/-1639.249 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.636+/-1055.922 χ^2/NDF : 17.5/17

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2852.070+/-1.159 χ^2/NDF : 591765.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.597+/-0.976 χ^2/NDF : 732531.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

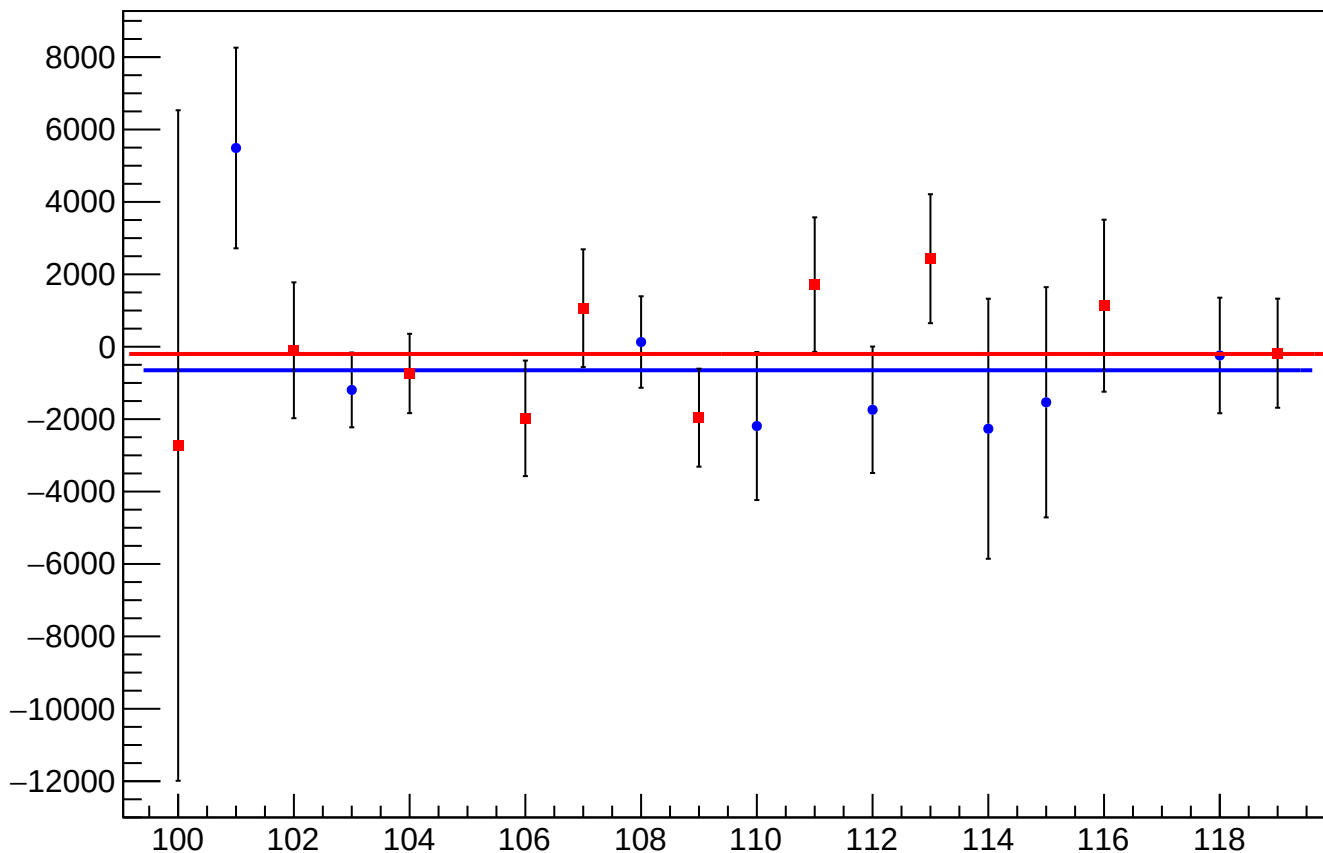
Right: 2699.675+/-0.747 χ^2/NDF : 1353841.2/17

In: 2852.070+/-1.159 χ^2/NDF : 591765.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2699.675+/-0.747 χ^2/NDF : 1353841.2/17

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -649.820+/-594.375 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -199.606+/-522.201 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

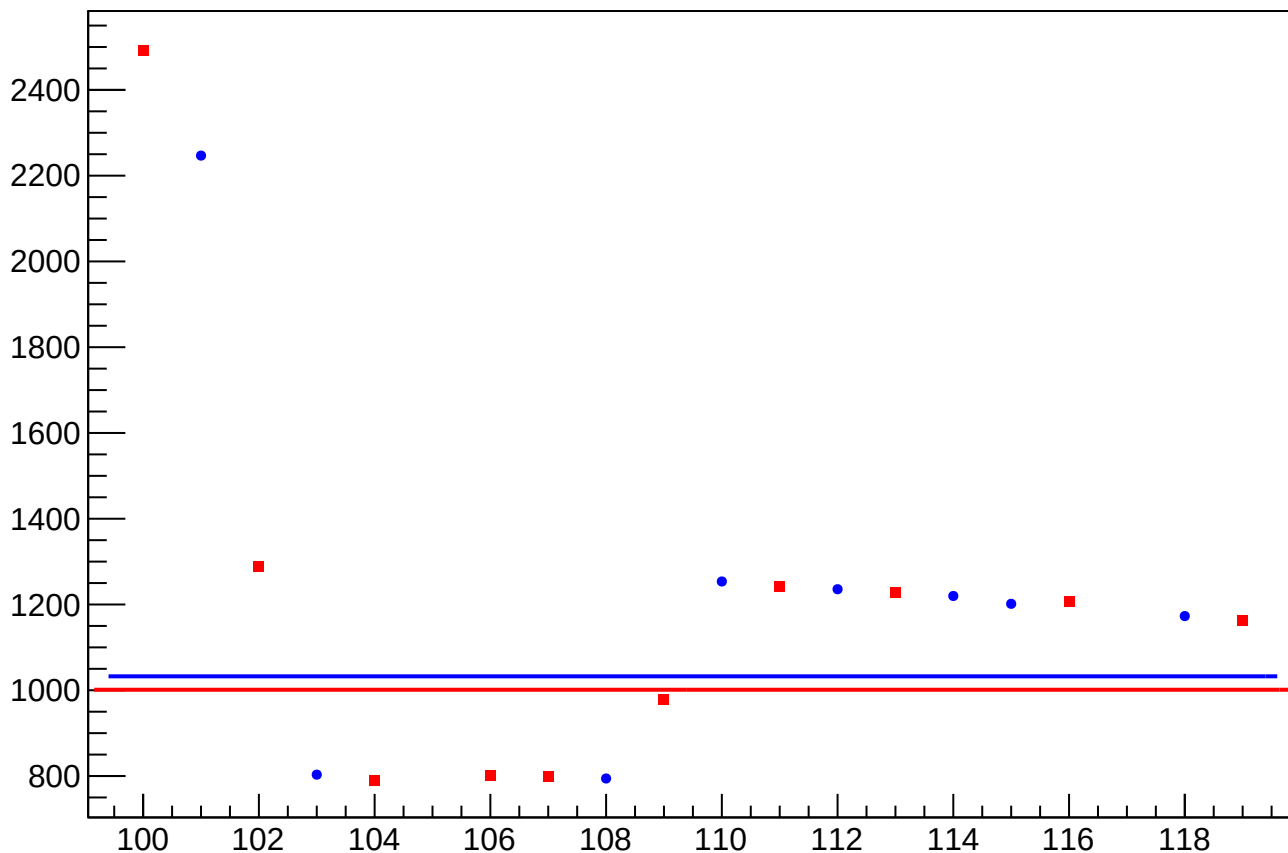
Right: -395.733+/-392.301 χ^2/NDF : 14.6/17

In: -649.820+/-594.375 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -395.733+/-392.301 χ^2/NDF : 14.6/17

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1032.497+/-0.420 χ^2/NDF : 630845.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.212+/-0.368 χ^2/NDF : 342879.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

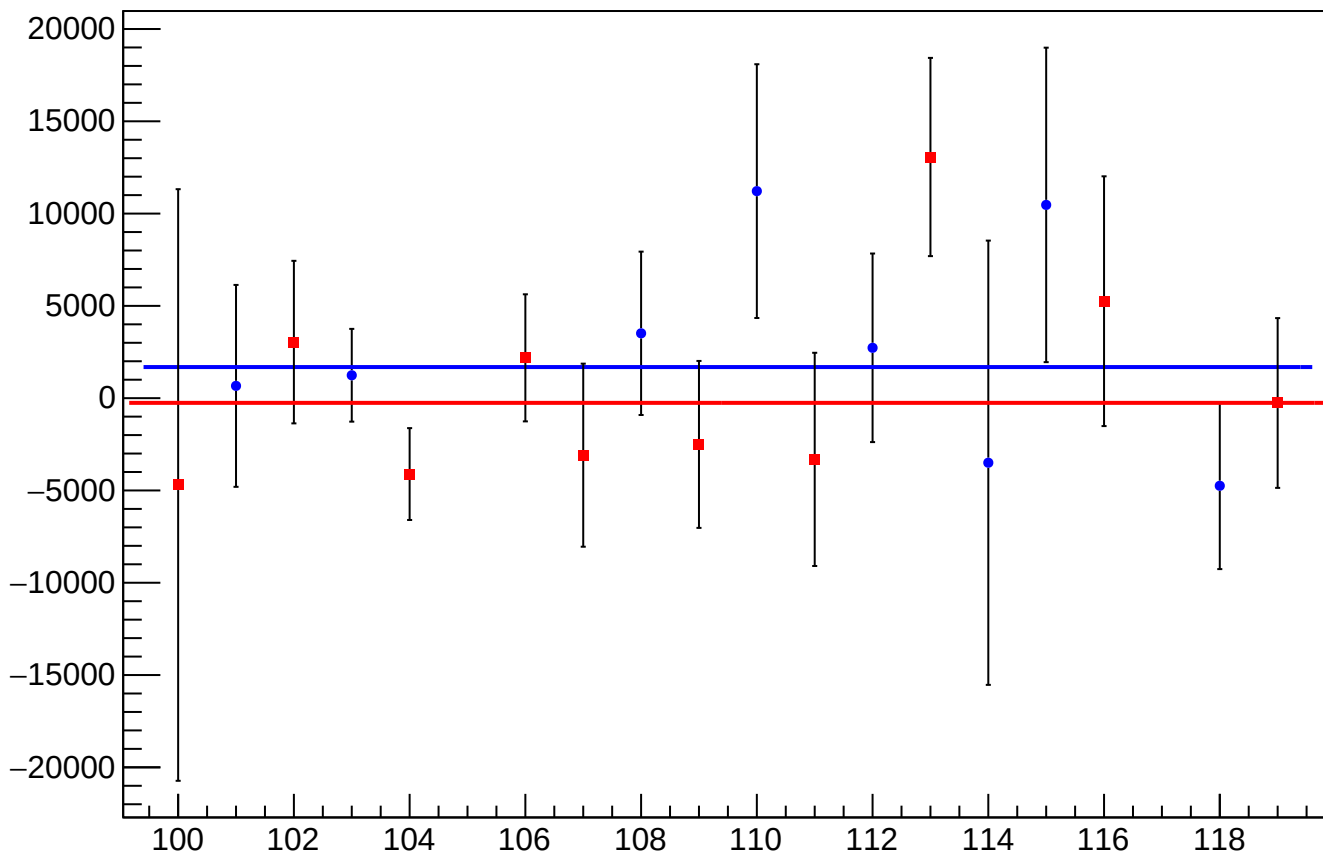
Right: 1014.793+/-0.277 χ^2/NDF : 976861.3/17

In: 1032.497+/-0.420 χ^2/NDF : 630845.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.793+/-0.277 χ^2/NDF : 976861.3/17

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1685.447+/-1639.249 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -254.166+/-1380.473 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

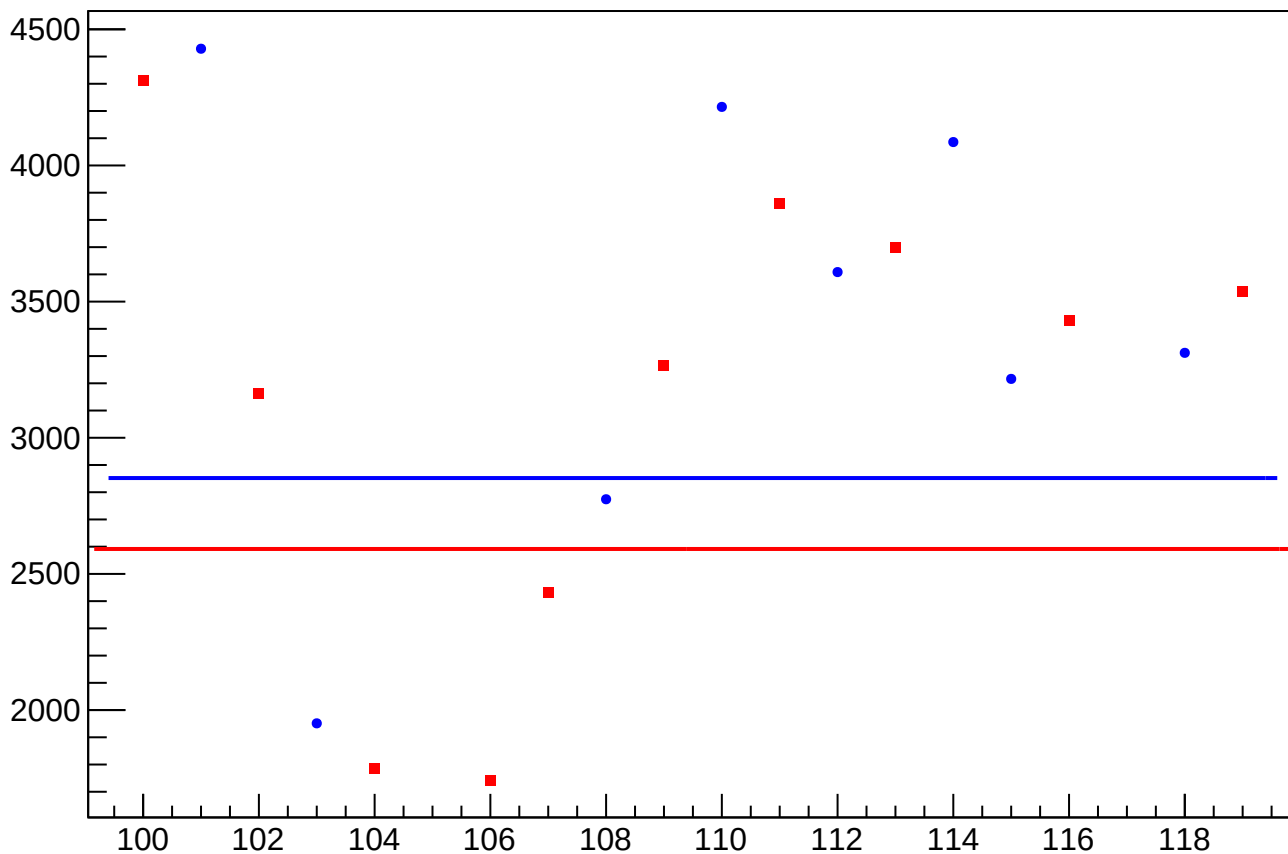
Right: 550.636+/-1055.922 χ^2/NDF : 17.5/17

In: 1685.447+/-1639.249 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.636+/-1055.922 χ^2/NDF : 17.5/17

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2852.070+/-1.159 χ^2/NDF : 591765.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2591.597+/-0.976 χ^2/NDF : 732531.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

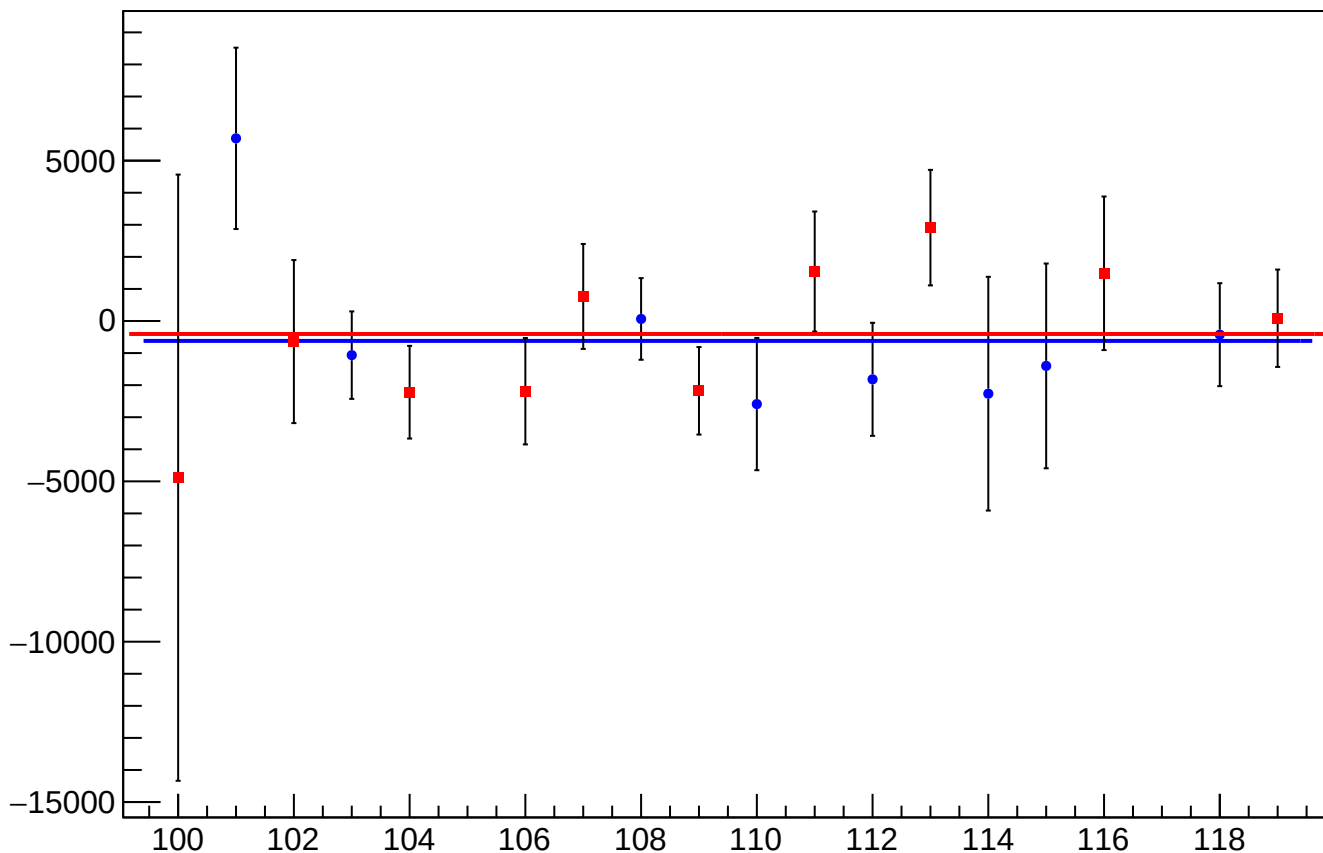
Right: 2699.675+/-0.747 χ^2/NDF : 1353841.2/17

In: 2852.070+/-1.159 χ^2/NDF : 591765.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2699.675+/-0.747 χ^2/NDF : 1353841.2/17

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -620.595+/-645.661 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.289+/-566.150 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

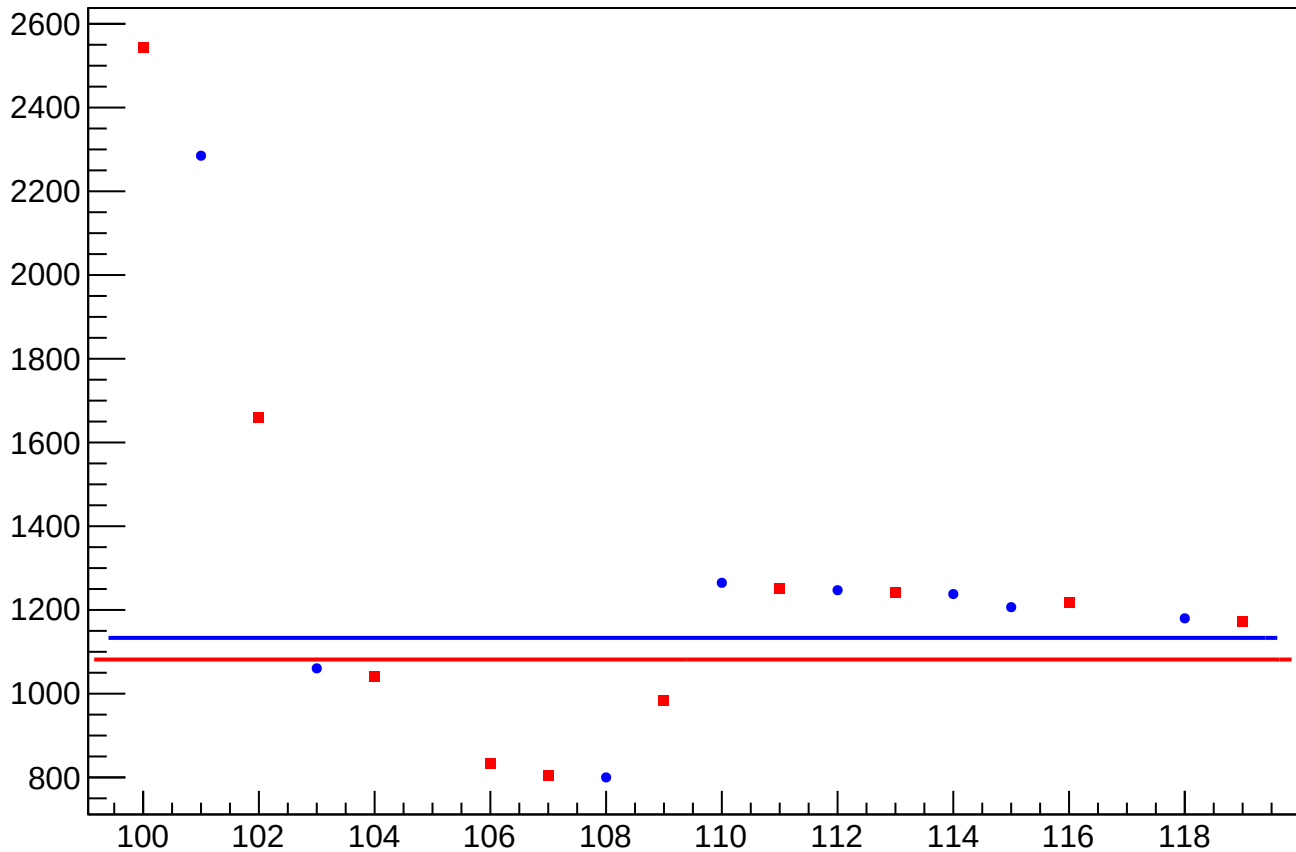
Right: -498.310+/-425.680 χ^2/NDF : 17.5/17

In: -620.595+/-645.661 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.310+/-425.680 χ^2/NDF : 17.5/17

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1133.265+/-0.457 χ^2/NDF : 495594.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.640+/-0.400 χ^2/NDF : 311648.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

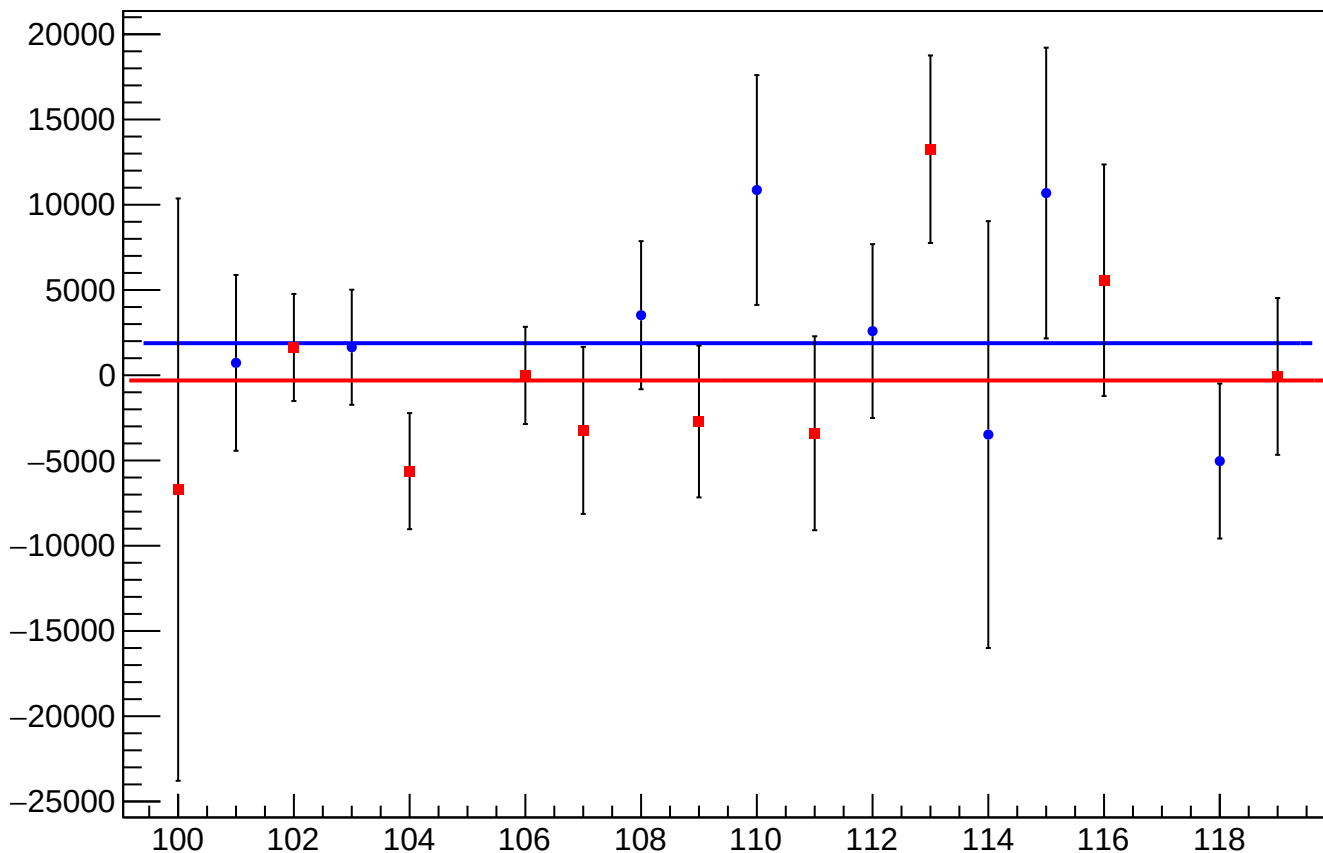
Right: 1104.060+/-0.301 χ^2/NDF : 814476.0/17

In: 1133.265+/-0.457 χ^2/NDF : 495594.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.060+/-0.301 χ^2/NDF : 814476.0/17

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1879.988+/-1803.714 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.121+/-1361.699 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

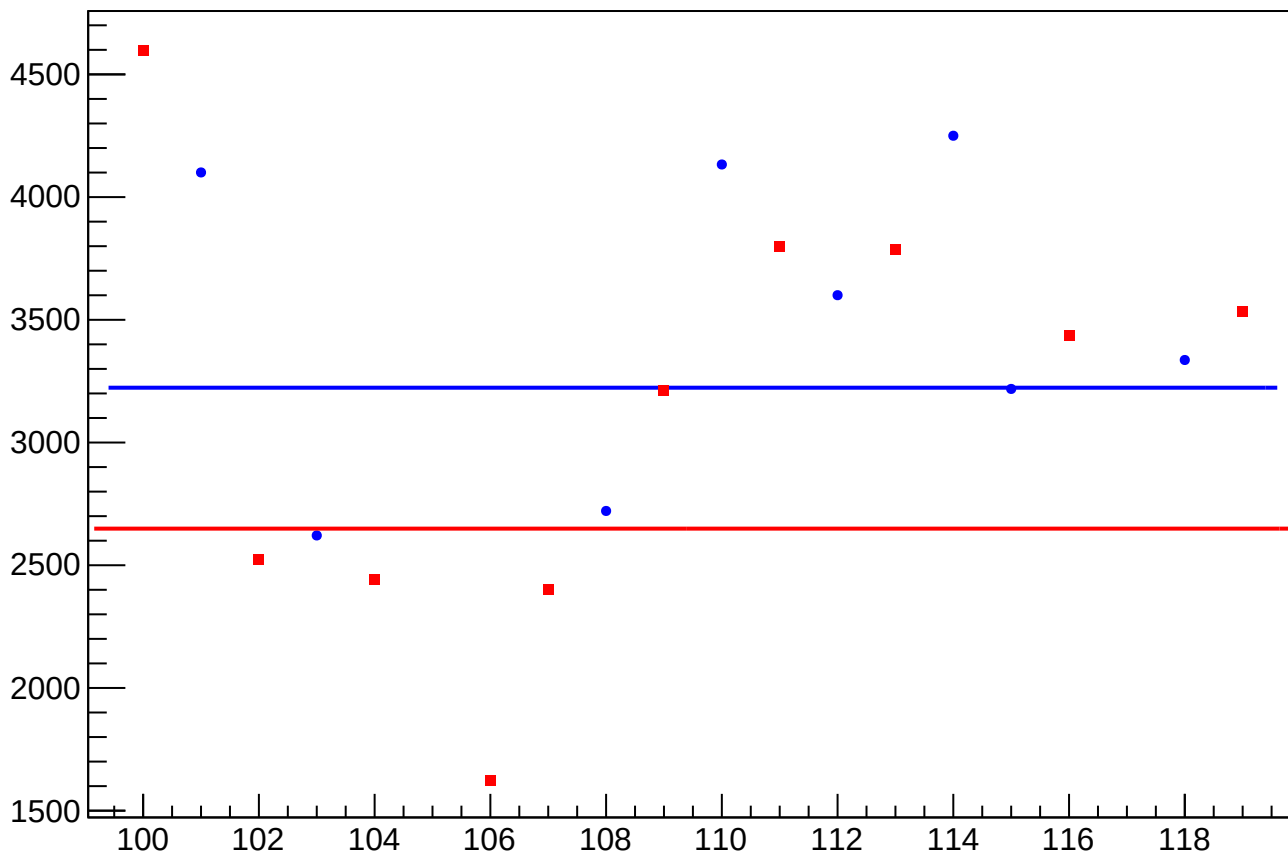
Right: 486.869+/-1086.776 χ^2/NDF : 17.2/17

In: 1879.988+/-1803.714 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.869+/-1086.776 χ^2/NDF : 17.2/17

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3223.410+/-1.275 χ^2/NDF : 210239.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.219+/-0.963 χ^2/NDF : 601112.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

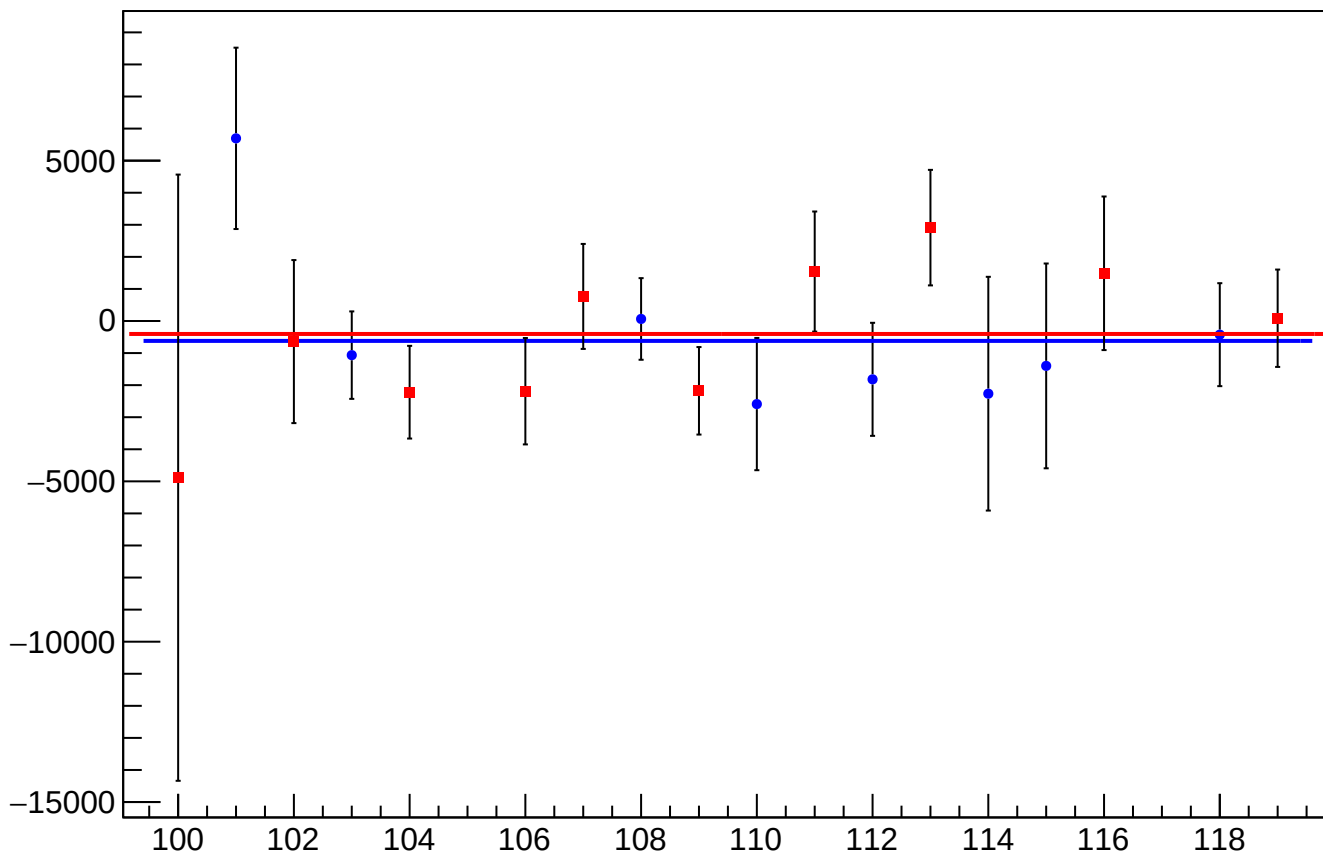
Right: 2857.668+/-0.768 χ^2/NDF : 940451.9/17

In: 3223.410+/-1.275 χ^2/NDF : 210239.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2857.668+/-0.768 χ^2/NDF : 940451.9/17

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -620.592+/-645.661 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -404.292+/-566.150 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

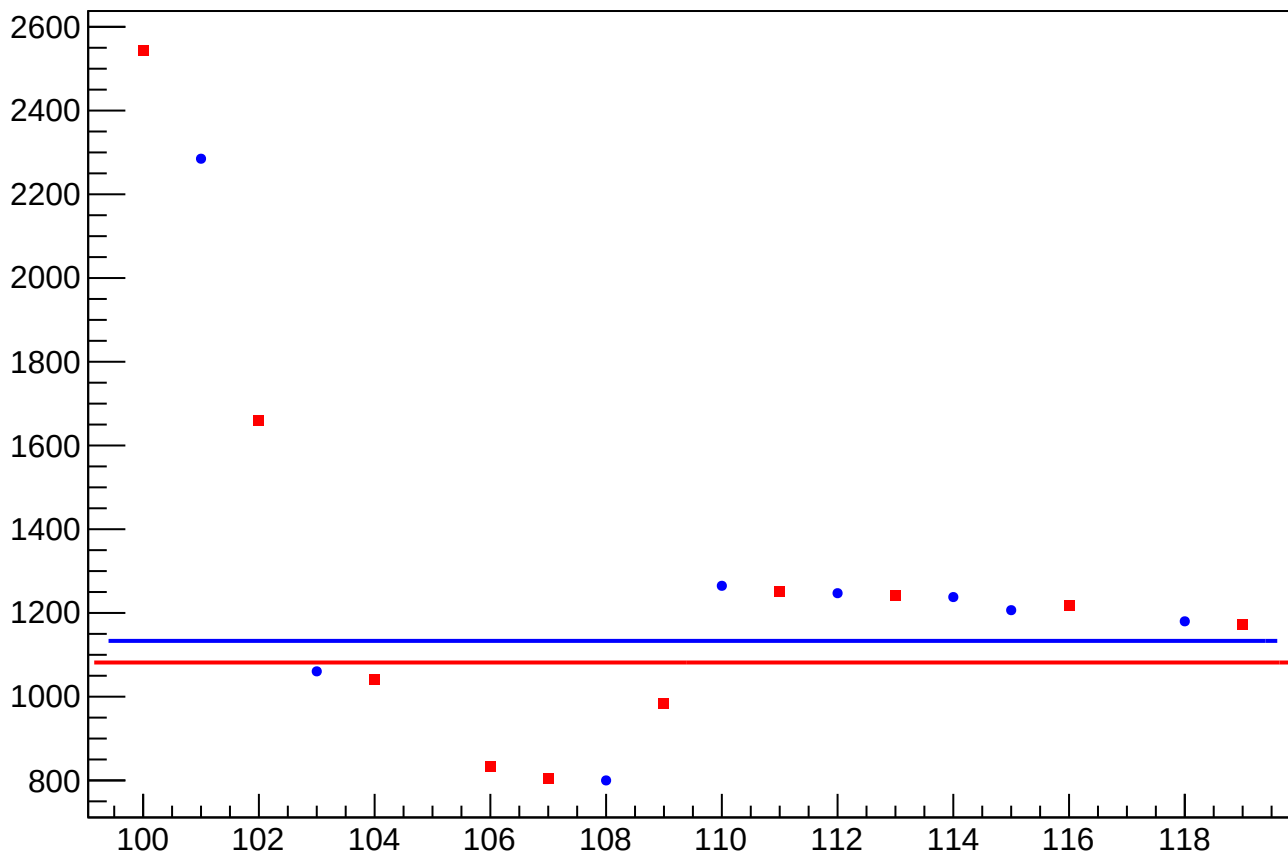
Right: -498.310+/-425.680 χ^2/NDF : 17.5/17

In: -620.592+/-645.661 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -498.310+/-425.680 χ^2/NDF : 17.5/17

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1133.265+/-0.457 χ^2/NDF : 495594.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.640+/-0.400 χ^2/NDF : 311648.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

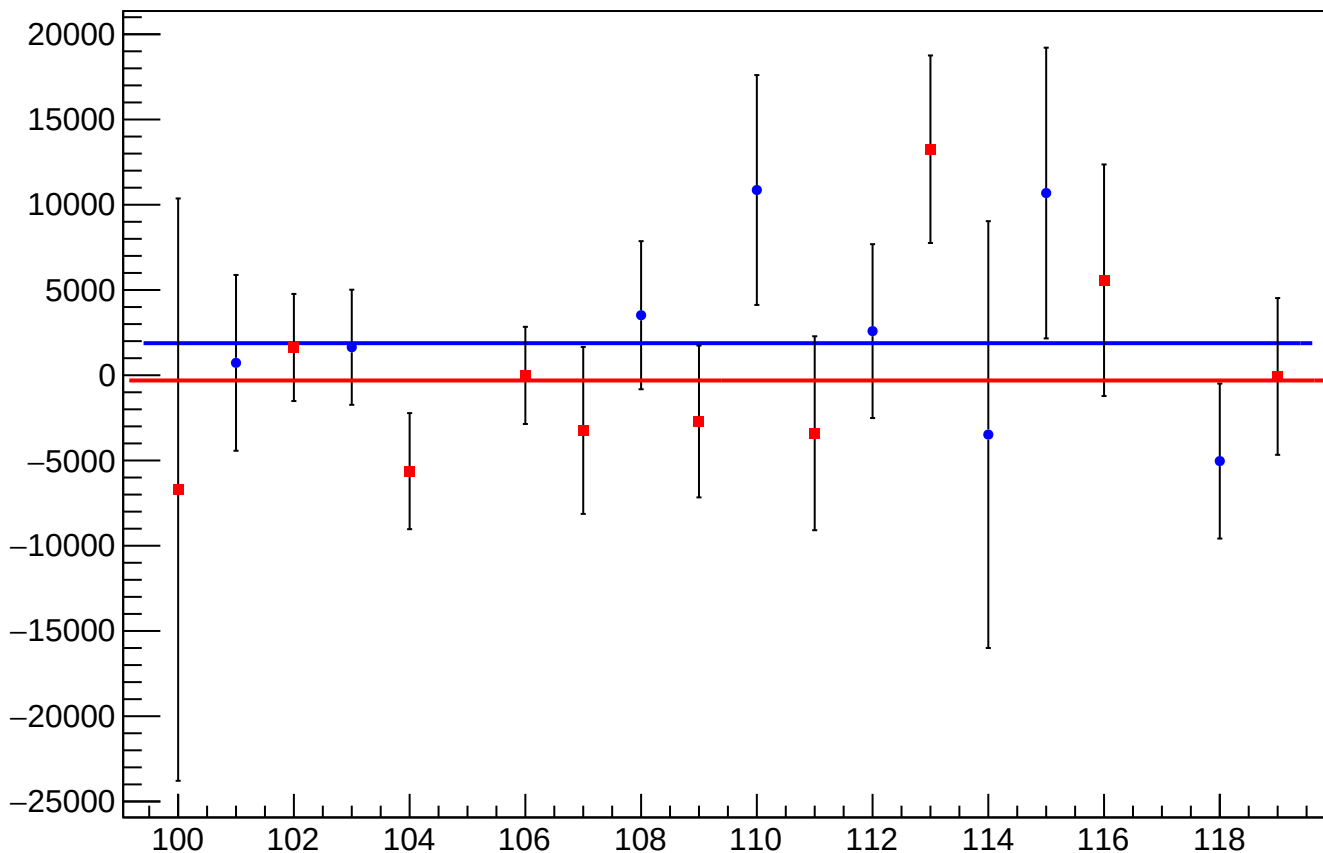
Right: 1104.060+/-0.301 χ^2/NDF : 814476.2/17

In: 1133.265+/-0.457 χ^2/NDF : 495594.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.060+/-0.301 χ^2/NDF : 814476.2/17

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1879.985+/-1803.713 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.129+/-1361.697 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

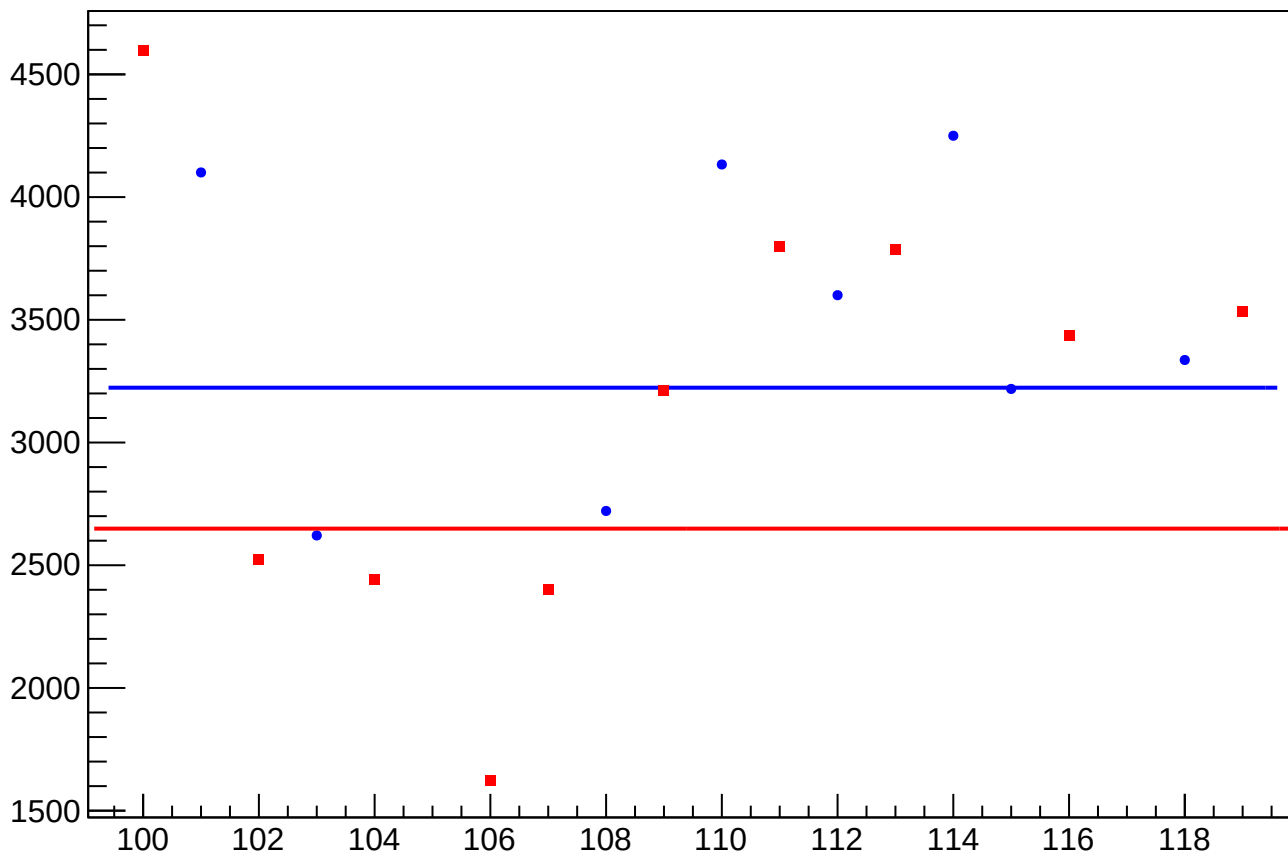
Right: 486.861+/-1086.775 χ^2/NDF : 17.2/17

In: 1879.985+/-1803.713 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.861+/-1086.775 χ^2/NDF : 17.2/17

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3223.409+/-1.275 χ^2/NDF : 210236.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.214+/-0.963 χ^2/NDF : 601114.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

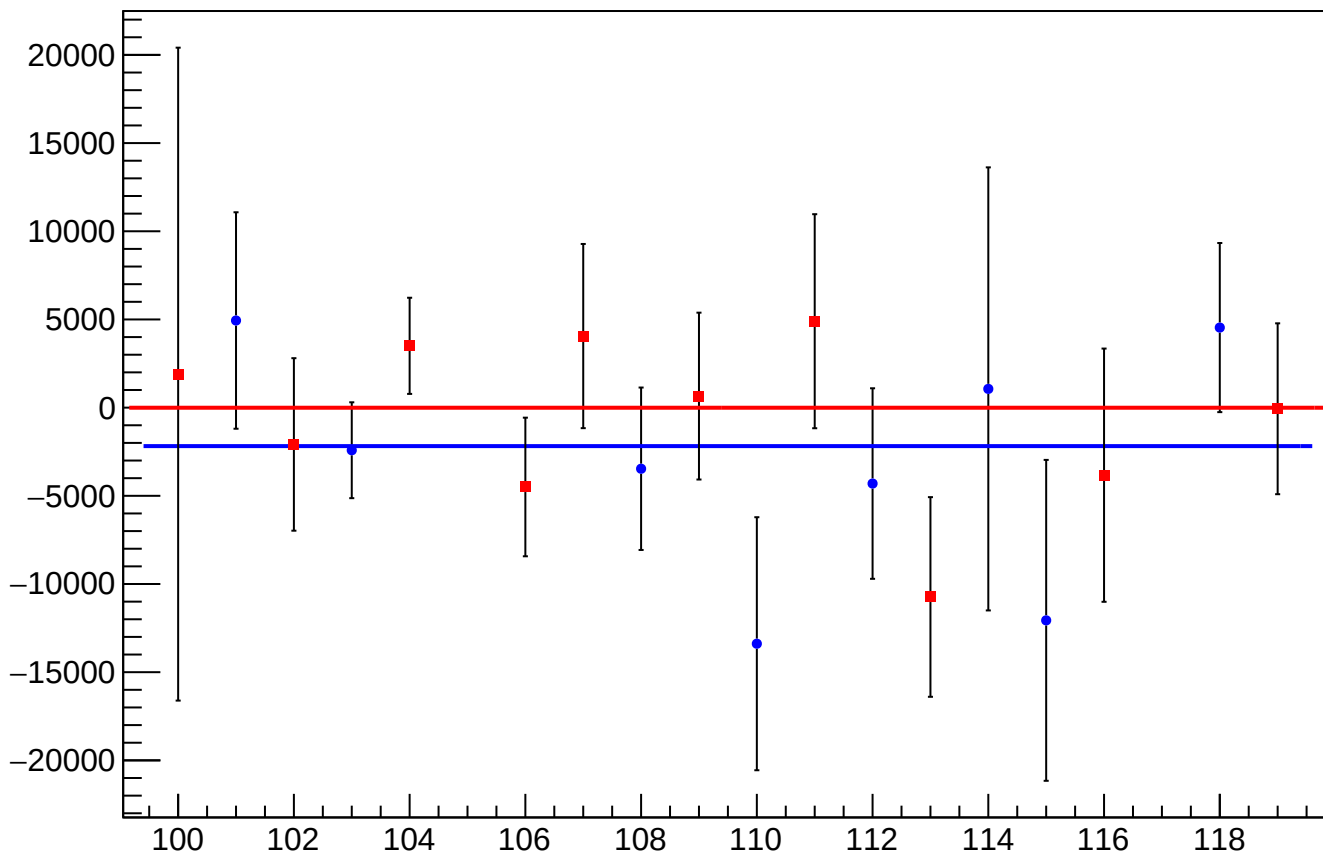
Right: 2857.665+/-0.768 χ^2/NDF : 940452.8/17

In: 3223.409+/-1.275 χ^2/NDF : 210236.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2857.665+/-0.768 χ^2/NDF : 940452.8/17

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -2181.580+/-1754.999 χ^2 /NDF: 7.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.461+/-1497.735 χ^2 /NDF: 8.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

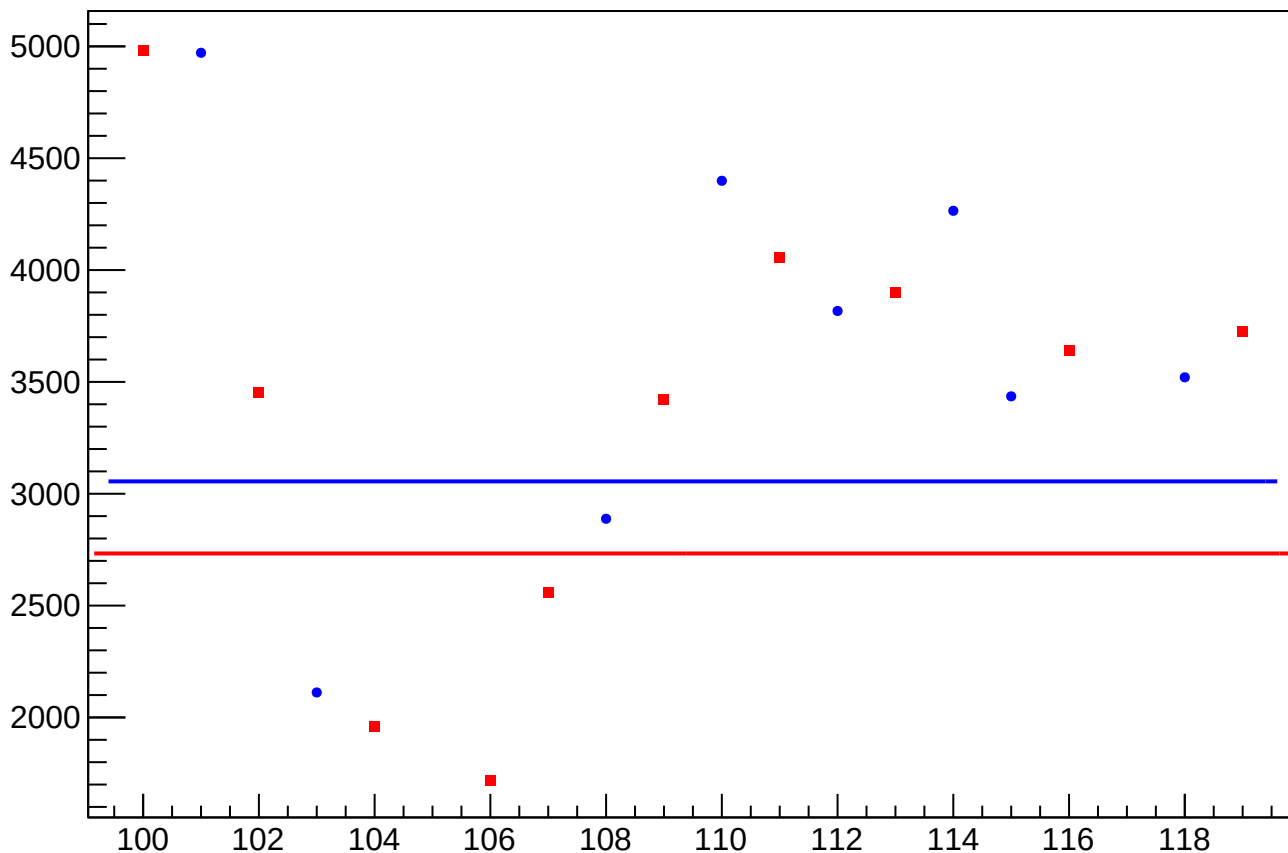
Right: -922.477+/-1139.264 χ^2 /NDF: 16.4/17

In: -2181.580+/-1754.999 χ^2 /NDF:7.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -922.477+/-1139.264 χ^2 /NDF: 16.4/17

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3055.315+/-1.241 χ^2/NDF : 589469.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2733.055+/-1.033 χ^2/NDF : 75517.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

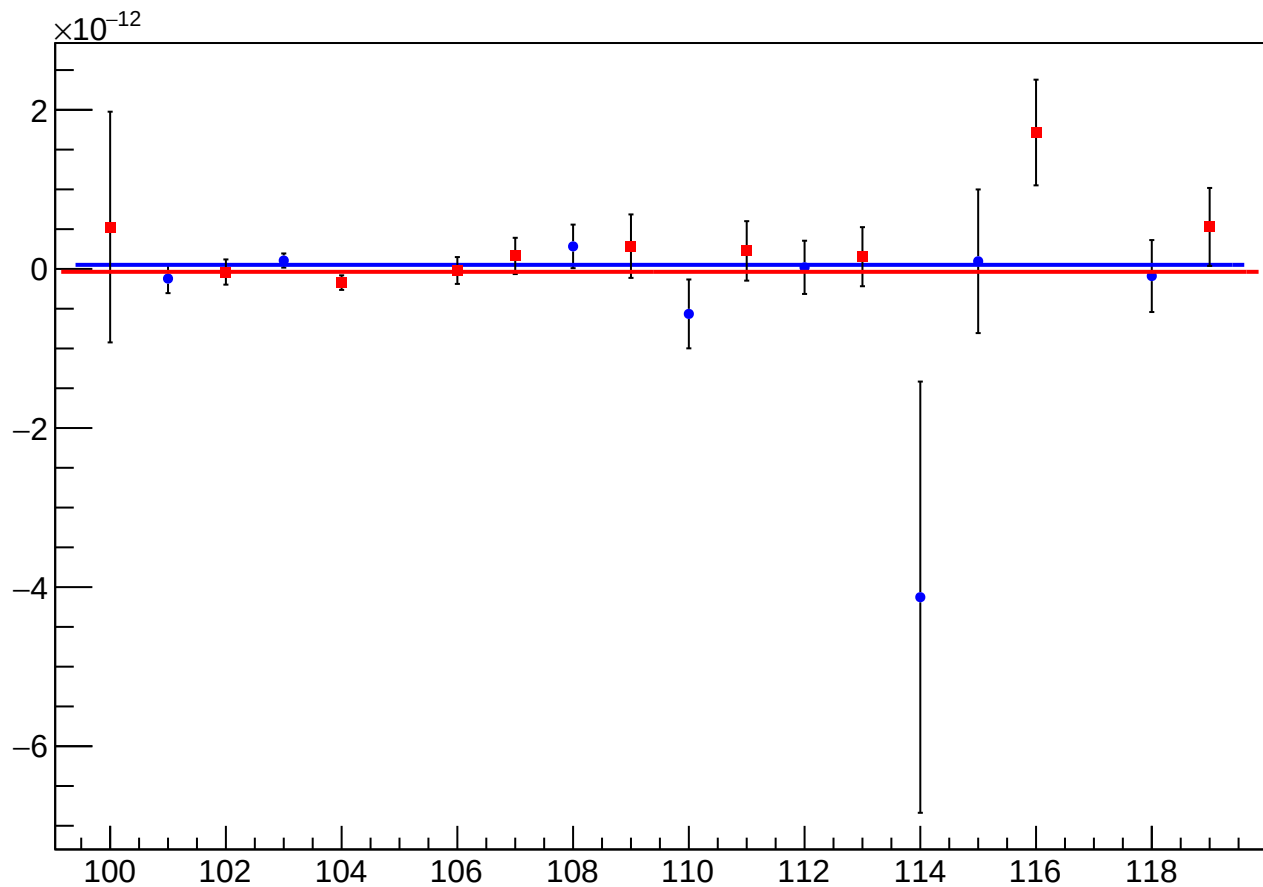
Right: 2864.932+/-0.794 χ^2/NDF : 1384826.2/17

In: 3055.315+/-1.241 χ^2/NDF : 589469.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2864.932+/-0.794 χ^2/NDF : 1384826.2/17

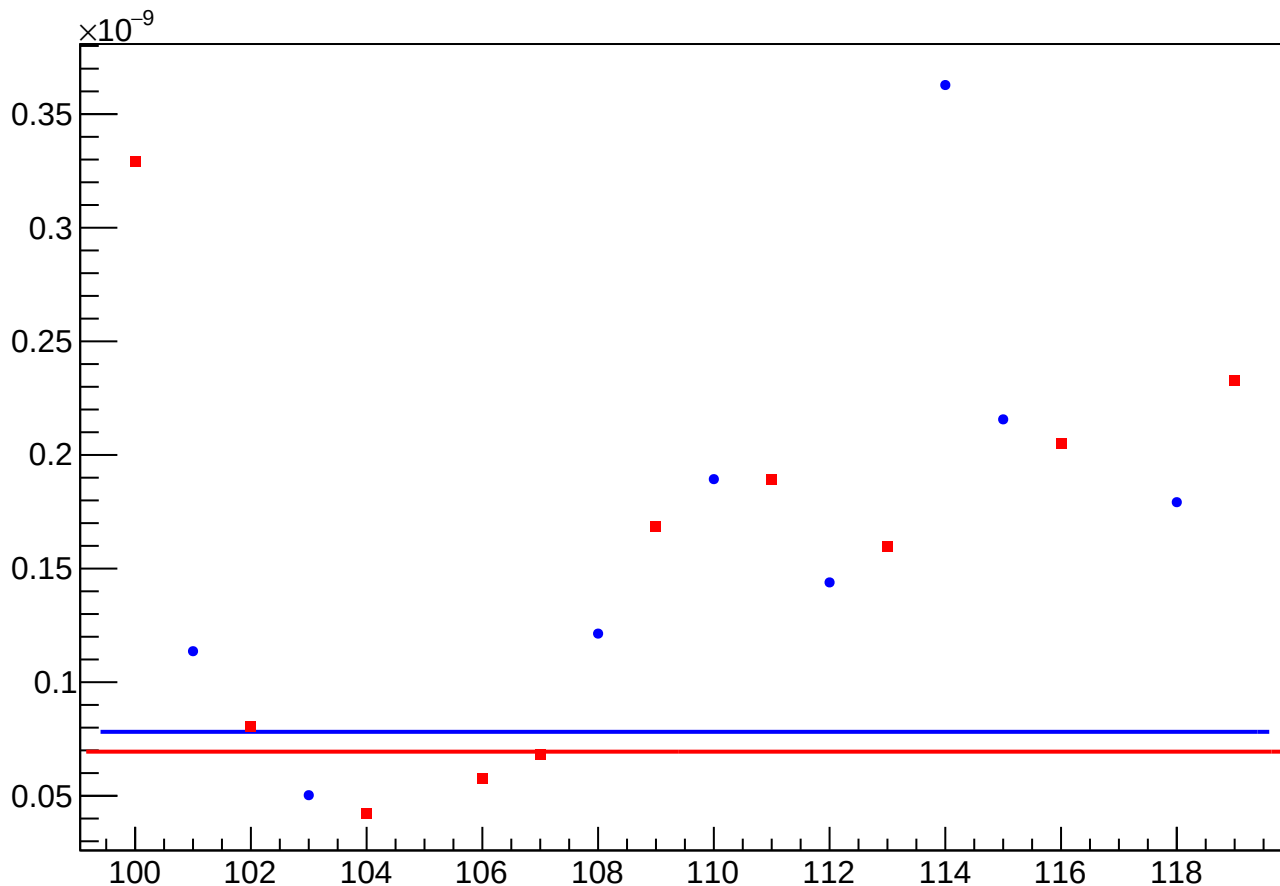
asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.5/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 12.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 20.1/17
 In: 0.000+/-0.000 χ^2/NDF : 6.5/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 20.1/17

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 698934.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1013908.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

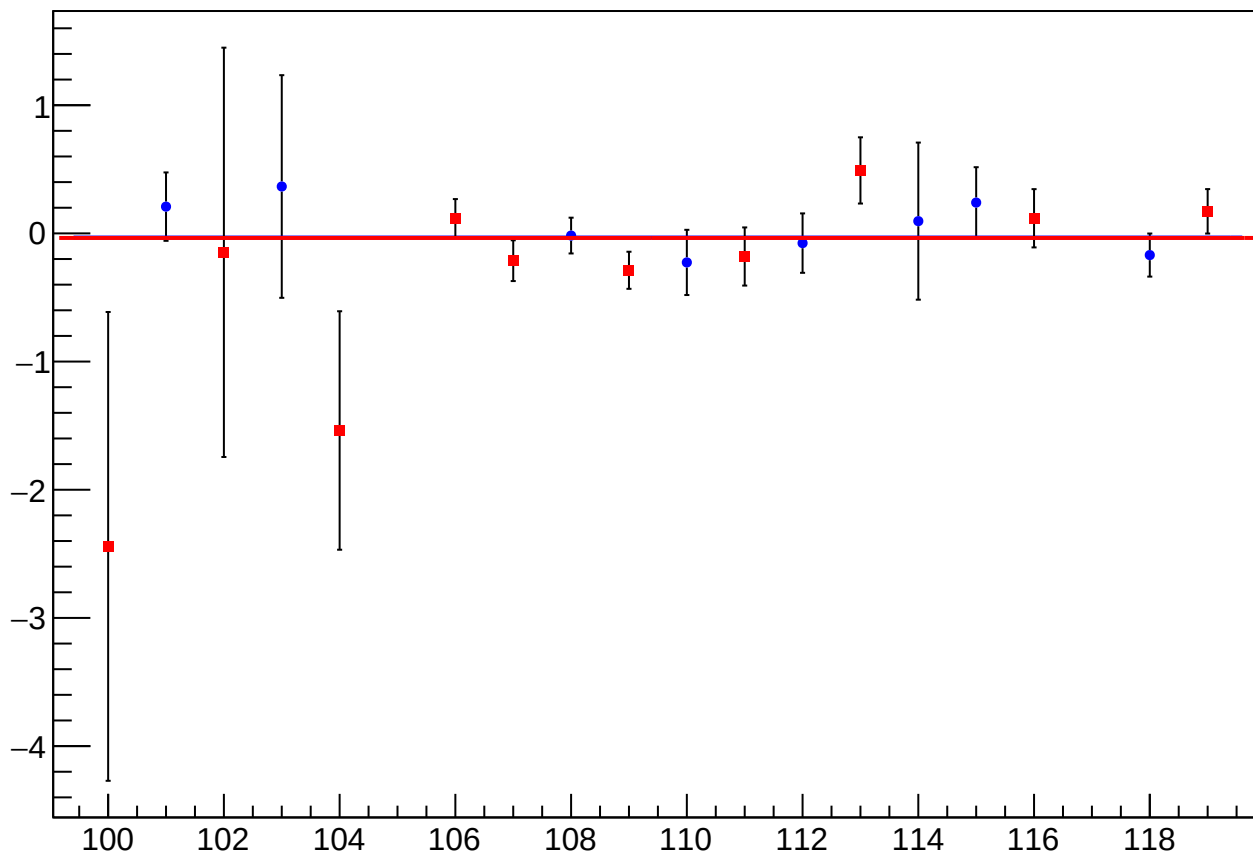
Right: 0.000+/-0.000 χ^2/NDF : 1729035.4/17

In: 0.000+/-0.000 χ^2/NDF : 698934.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1729035.4/17

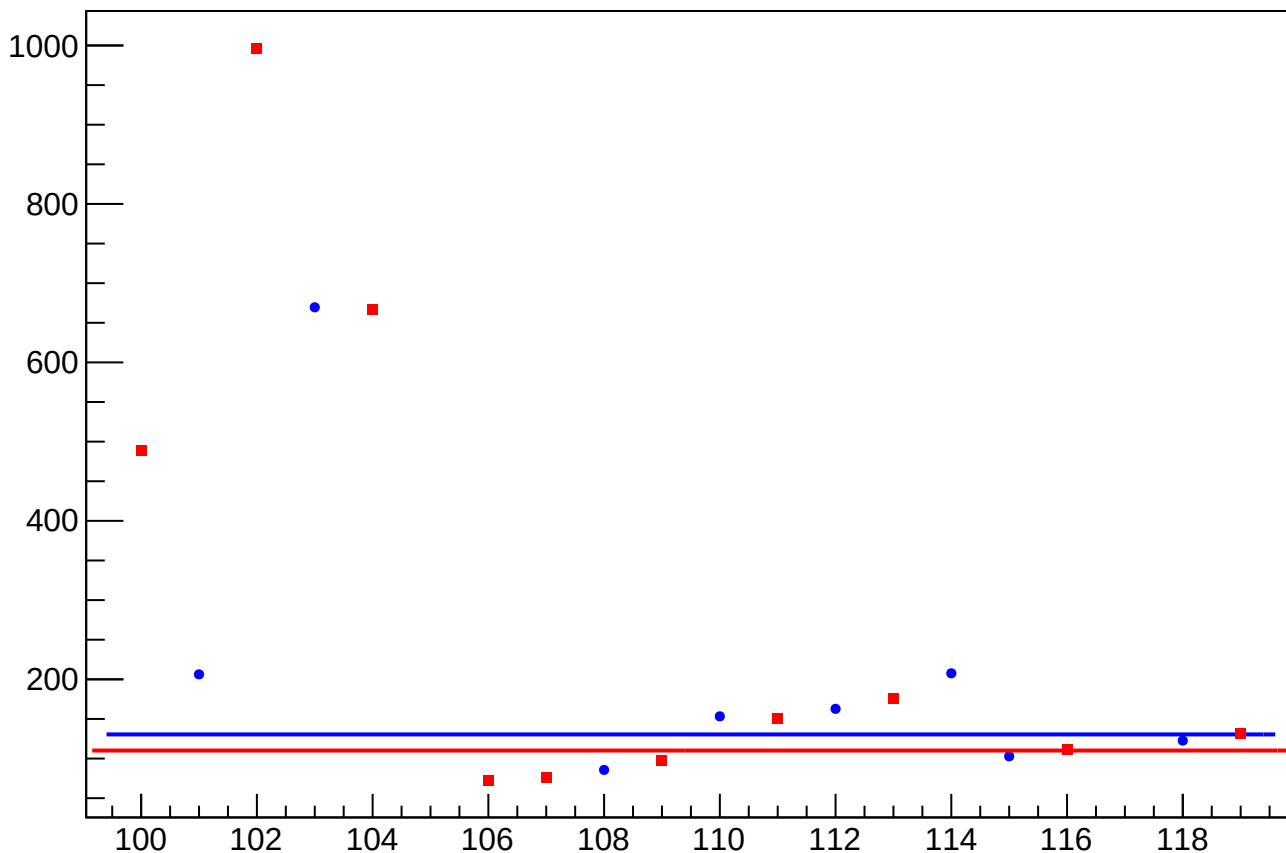
asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.081 χ^2/NDF : 3.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.036+/-0.067 χ^2/NDF : 16.1/7
 Left 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+/-0.052 χ^2/NDF : 19.4/17
 In: -0.033+/-0.081 χ^2/NDF :3.3/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.034+/-0.052 χ^2/NDF : 19.4/17

asym_usr_atr2_dd_dit_vs_slug, Sign Corrected



Right In: 130.458+/-0.057 χ^2/NDF : 1249163.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

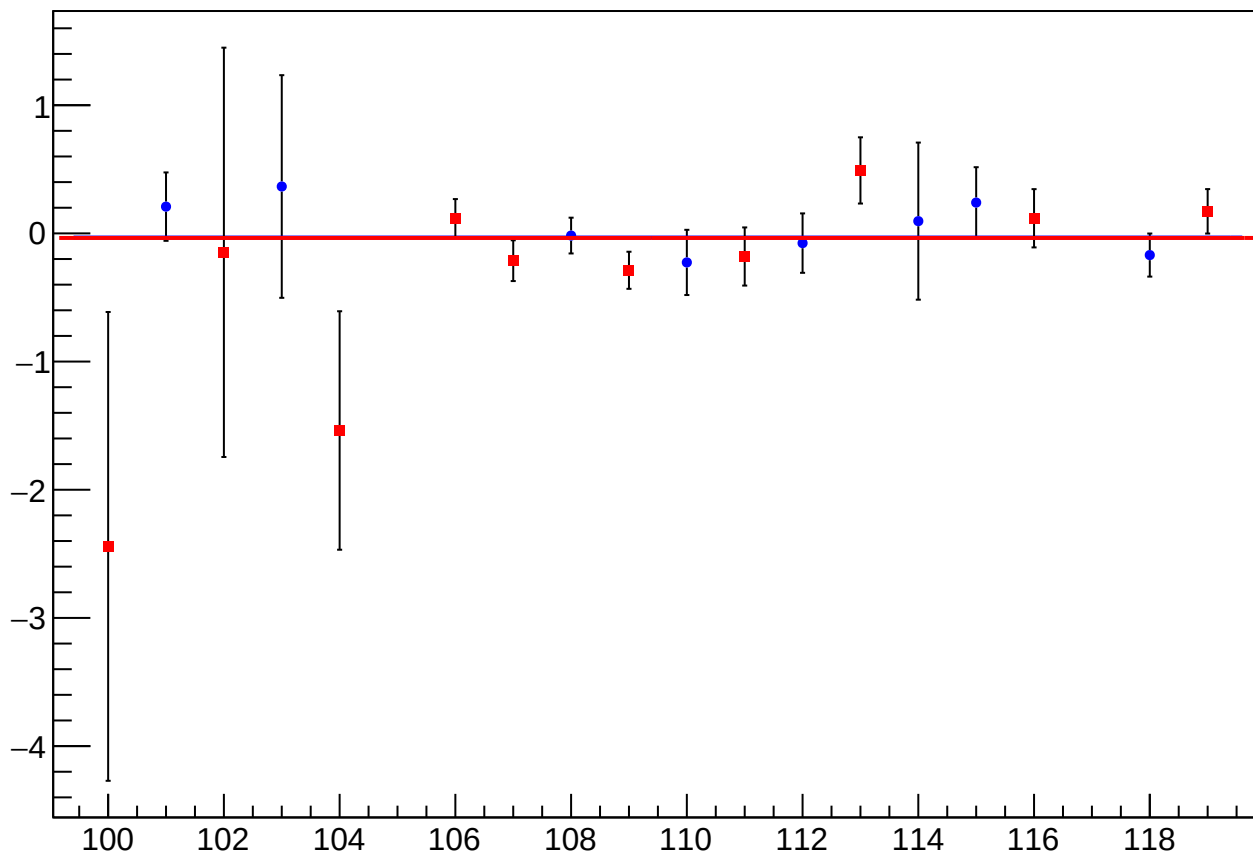
Right: 118.437+/-0.037 χ^2/NDF : 3206159.0/17

In: 130.458+/-0.057 χ^2/NDF : 1249163.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.437+/-0.037 χ^2/NDF : 3206159.0/17

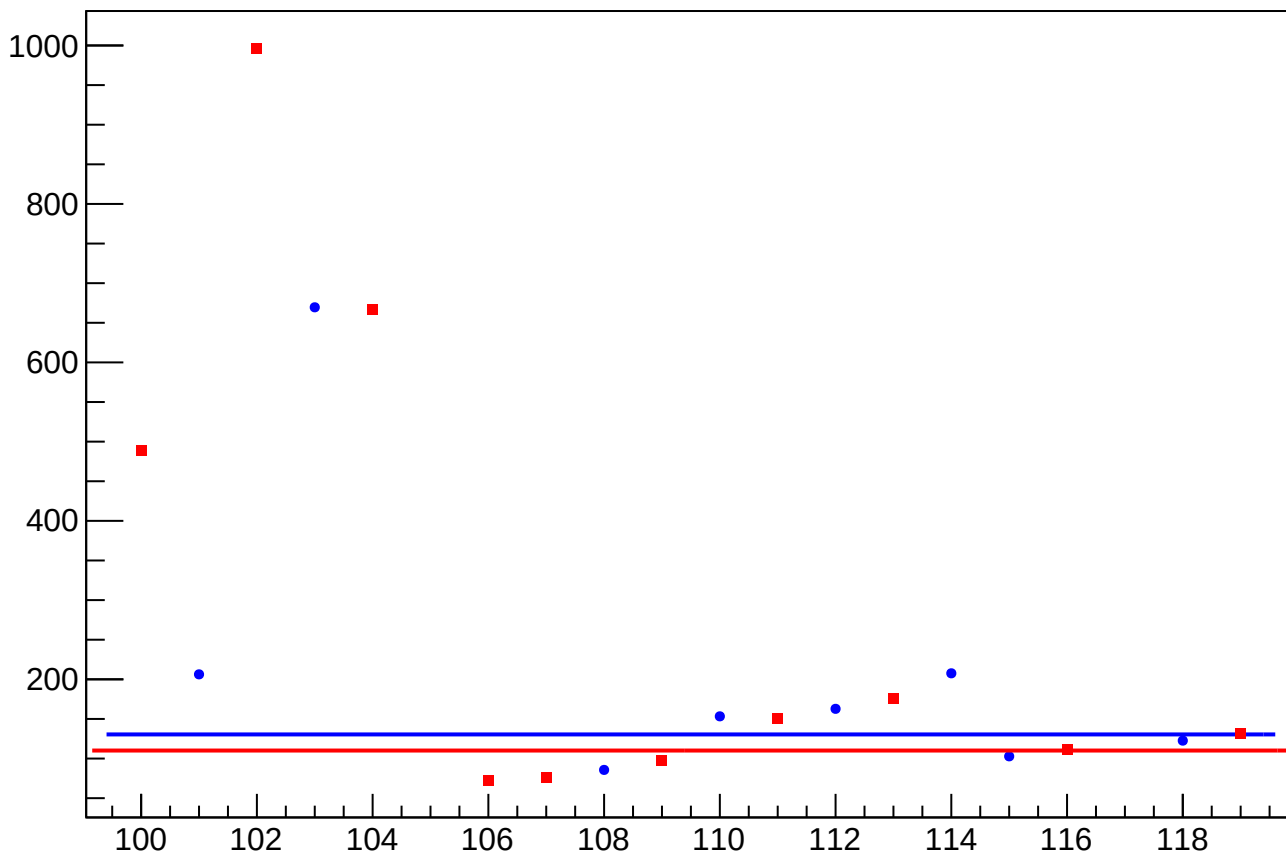
asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.081 χ^2/NDF : 3.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.036+/-0.067 χ^2/NDF : 16.1/9
 Left 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+/-0.052 χ^2/NDF : 19.4/17
 In: -0.033+/-0.081 χ^2/NDF : 3.3/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.034+/-0.052 χ^2/NDF : 19.4/17

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.458+/-0.057 χ^2/NDF : 1249163.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

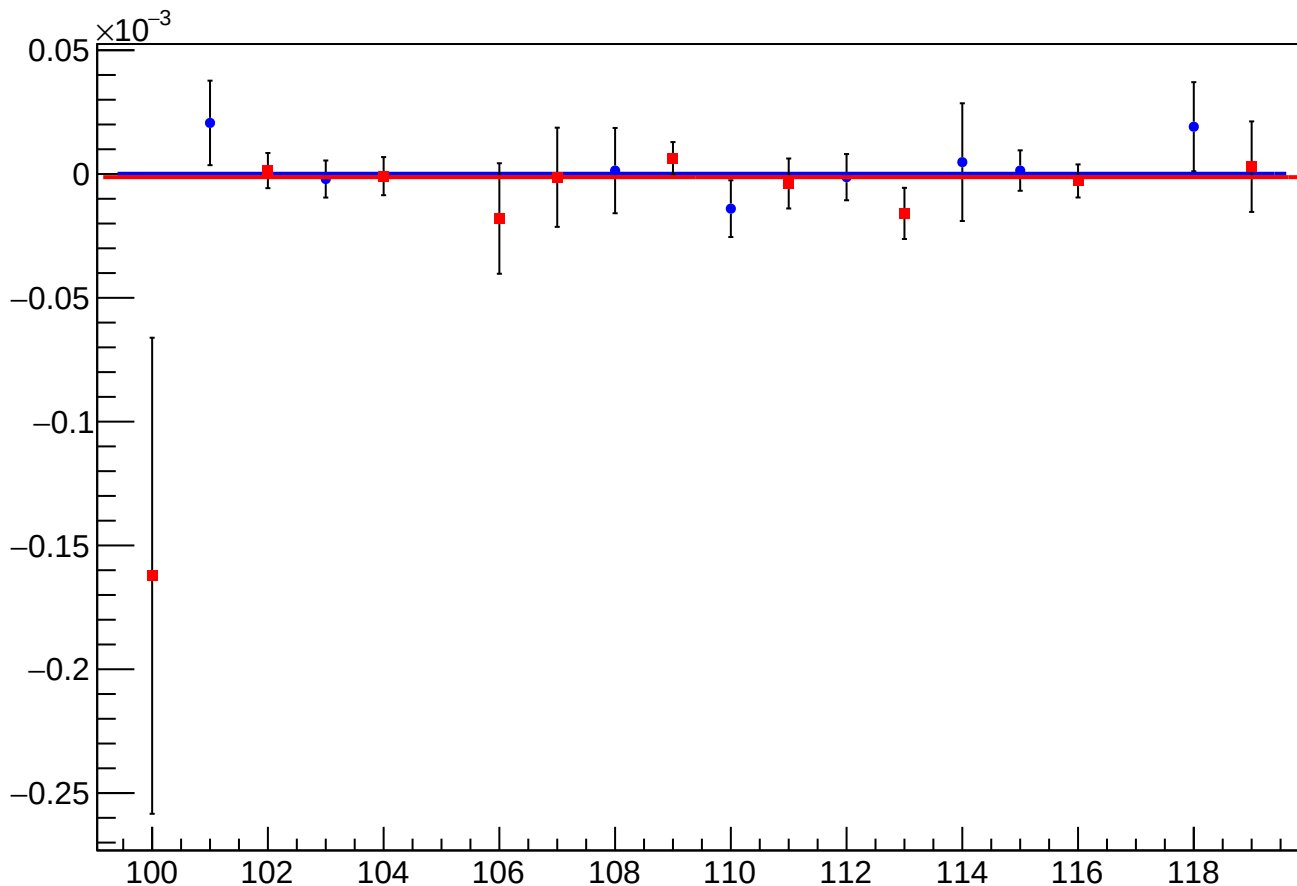
Right: 118.437+/-0.037 χ^2/NDF : 3206159.0/17

In: 130.458+/-0.057 χ^2/NDF : 1249163.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.437+/-0.037 χ^2/NDF : 3206159.0/17

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

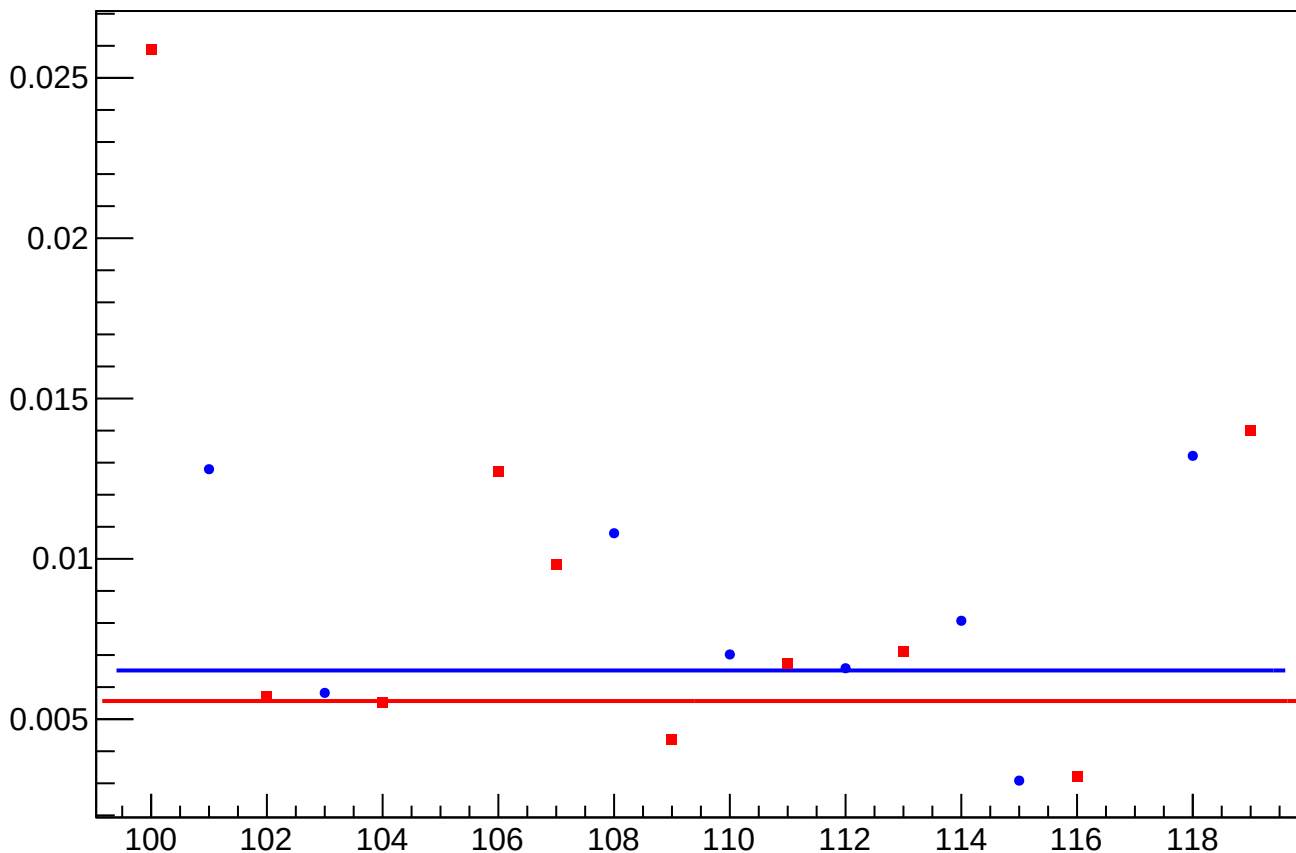
Right: -0.000+/-0.000 χ^2/NDF : 11.3/17

In: 0.000+/-0.000 χ^2/NDF : 4.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/17

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 1054591.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1203514.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

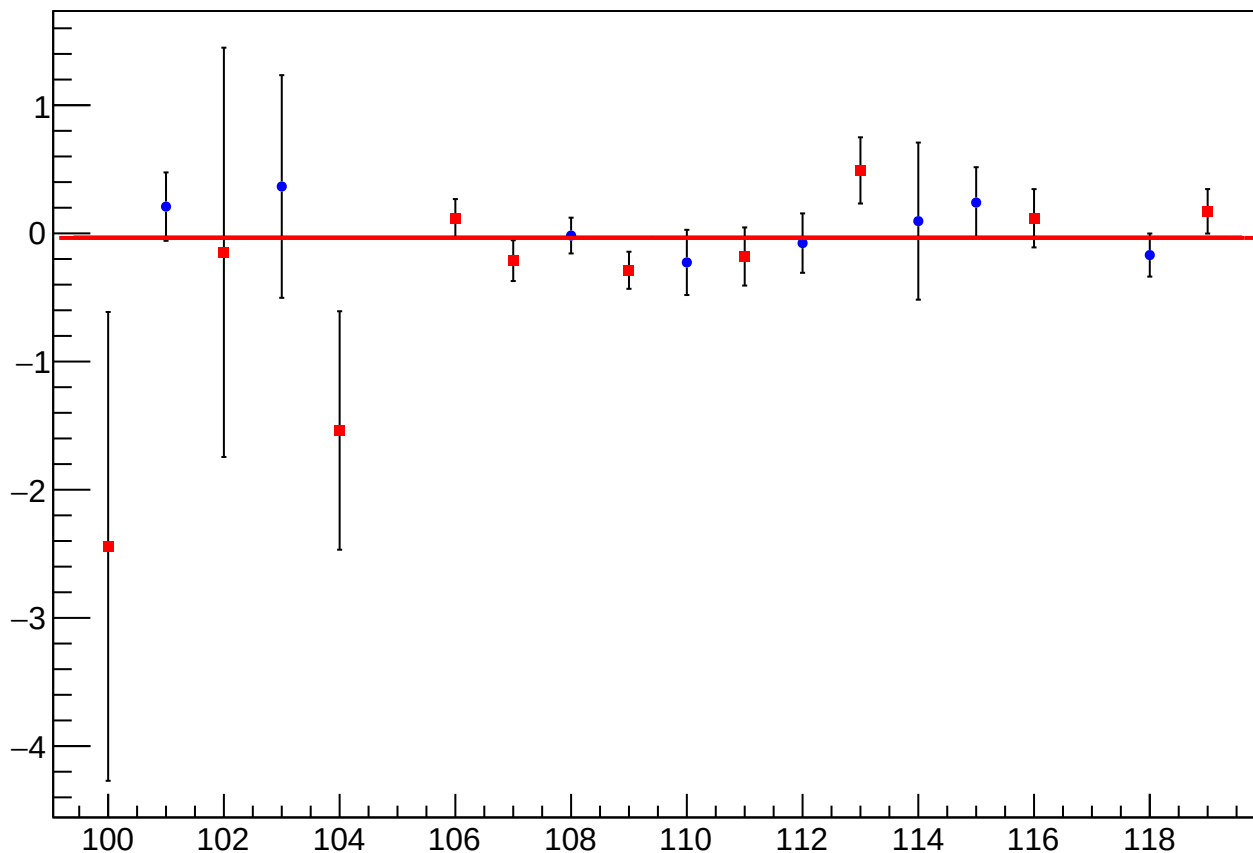
Right: 0.006+/-0.000 χ^2/NDF : 2331109.9/17

In: 0.007+/-0.000 χ^2/NDF : 1054591.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2331109.9/17

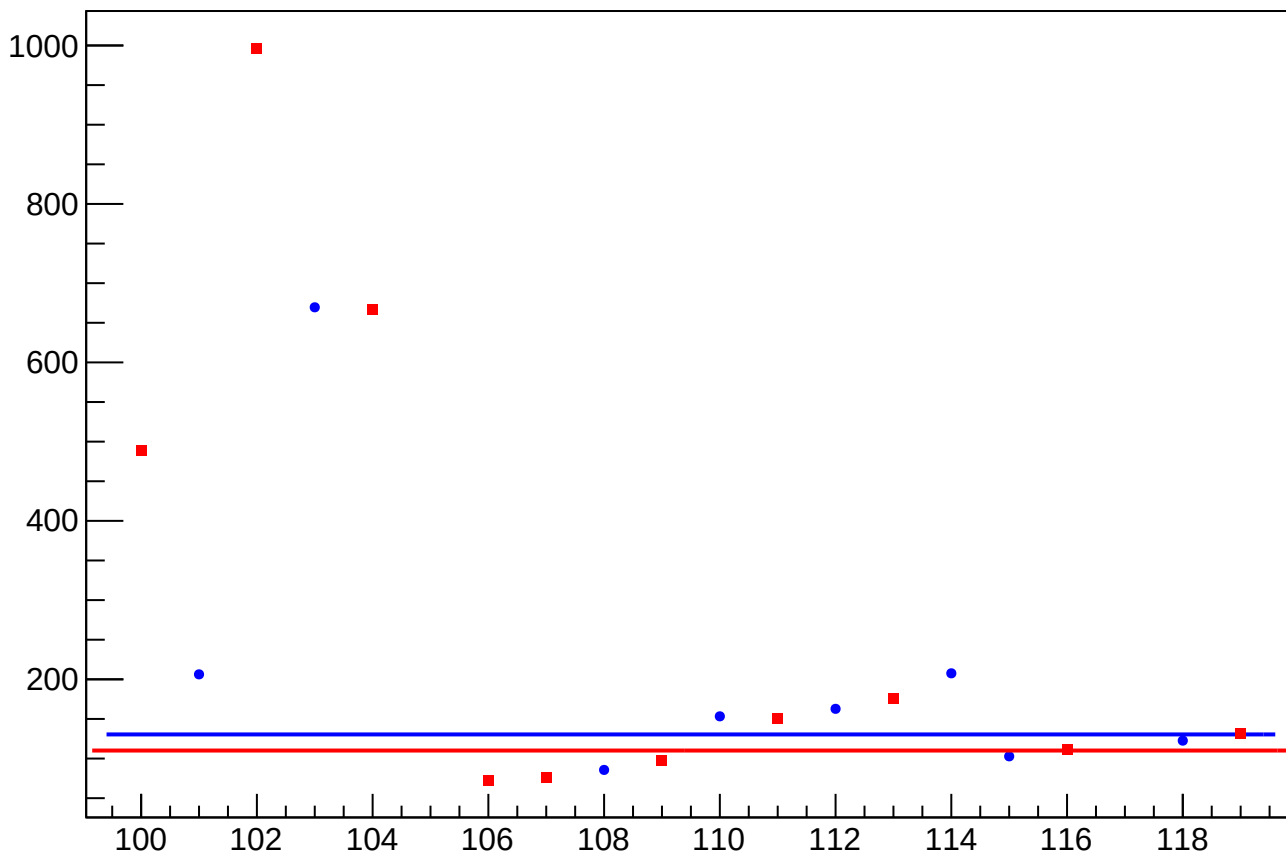
asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.081 χ^2 /NDF: 3.3/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.036 $\pm$ 0.067 χ^2 /NDF: 16.1/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.034 $\pm$ 0.052 χ^2 /NDF: 19.4/17
 In: -0.033 $\pm$ 0.081 χ^2 /NDF:3.3/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.034 $\pm$ 0.052 χ^2 /NDF: 19.4/17

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.454+/-0.057 χ^2/NDF : 1249224.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

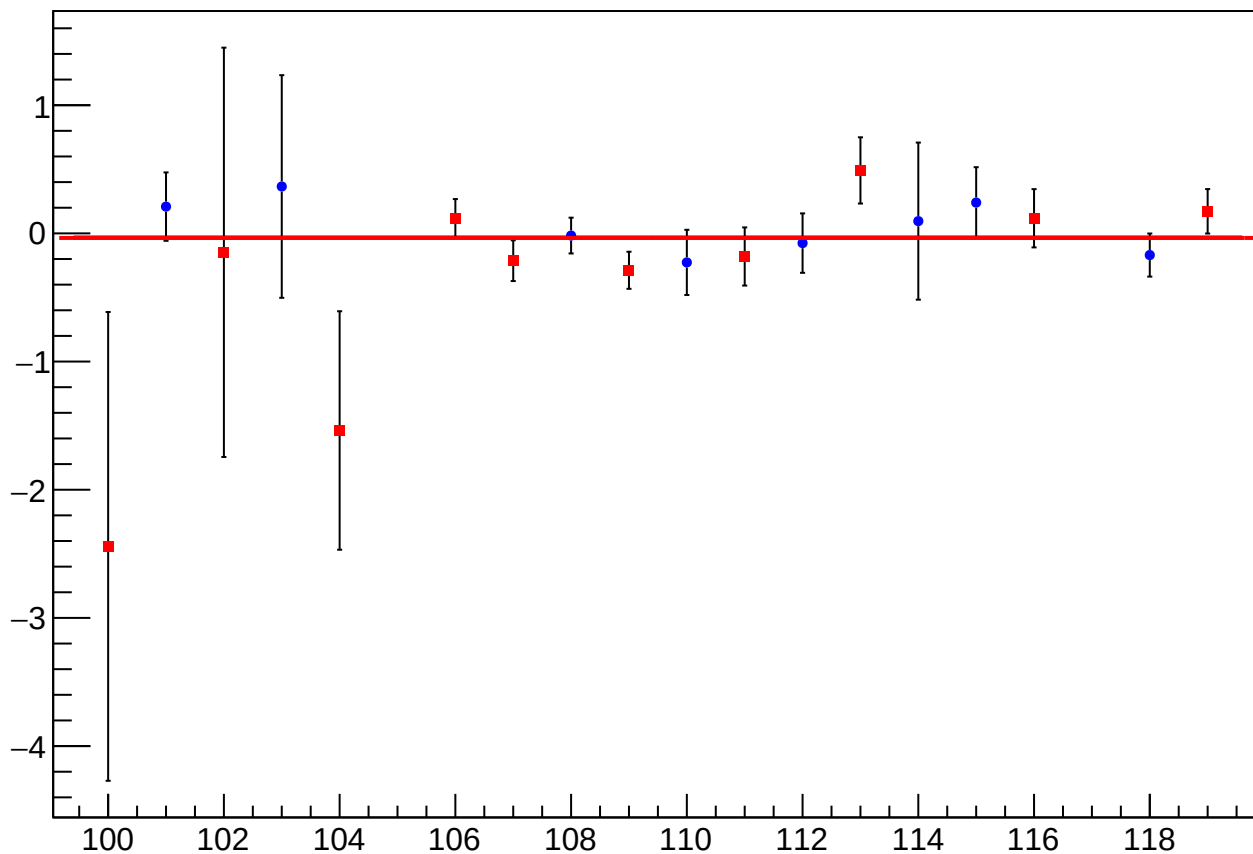
Right: 118.437+/-0.037 χ^2/NDF : 3206192.7/17

In: 130.454+/-0.057 χ^2/NDF : 1249224.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.437+/-0.037 χ^2/NDF : 3206192.7/17

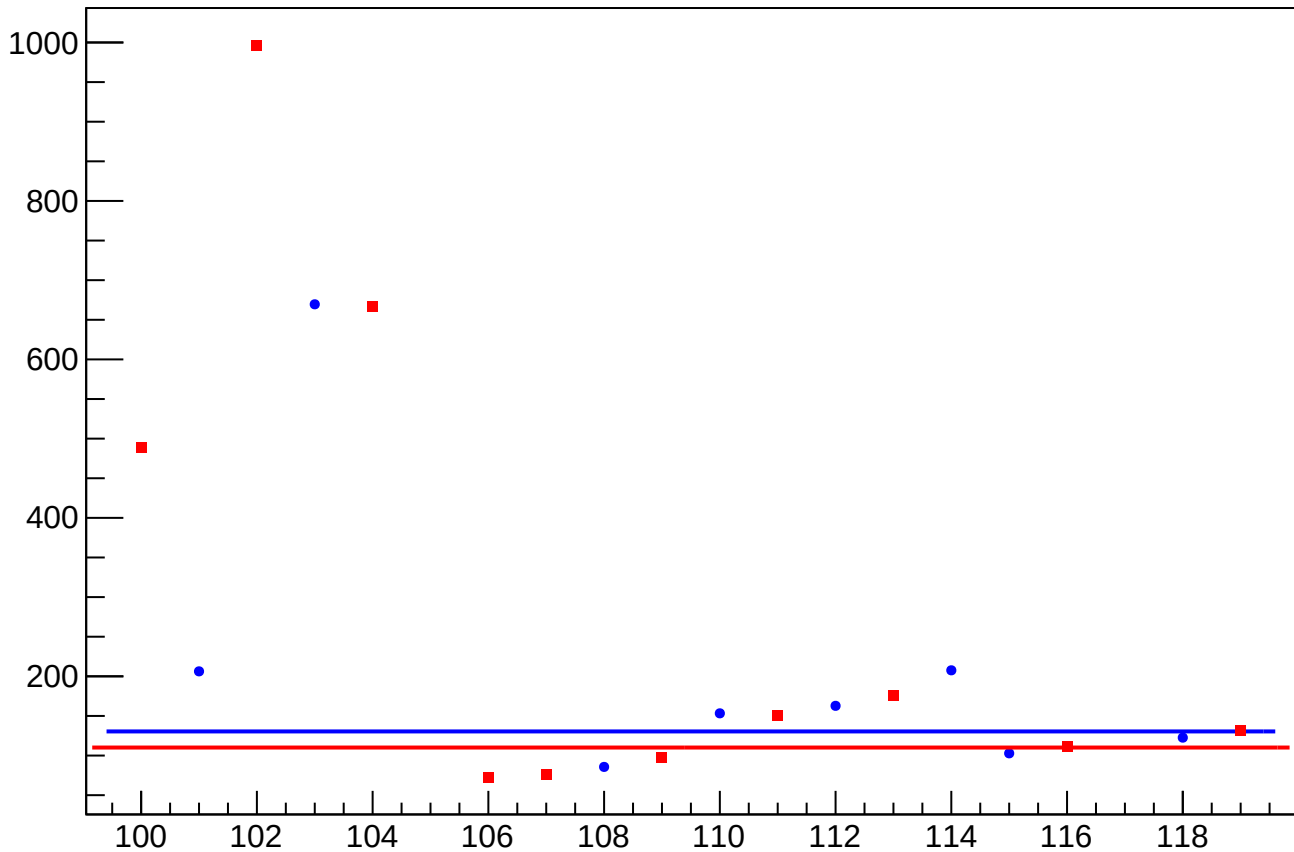
asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.033+/-0.081 χ^2/NDF : 3.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.036+/-0.067 χ^2/NDF : 16.1/7
 Left 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+/-0.052 χ^2/NDF : 19.4/17
 In: -0.033+/-0.081 χ^2/NDF :3.3/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.034+/-0.052 χ^2/NDF : 19.4/17

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 130.454+/-0.057 χ^2/NDF : 1249224.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.122+/-0.048 χ^2/NDF : 1882689.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

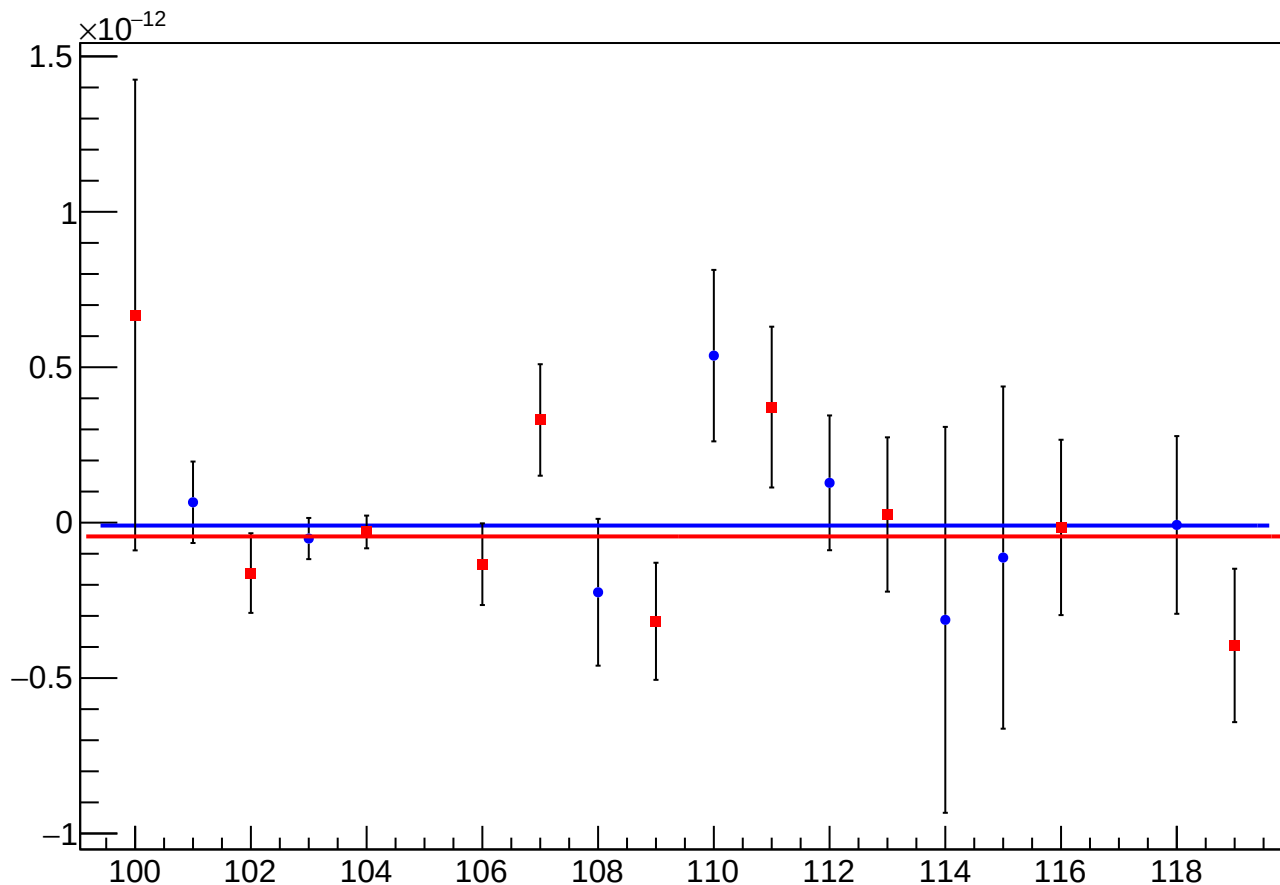
Right: 118.437+/-0.037 χ^2/NDF : 3206192.7/17

In: 130.454+/-0.057 χ^2/NDF : 1249224.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.437+/-0.037 χ^2/NDF : 3206192.7/17

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 6.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

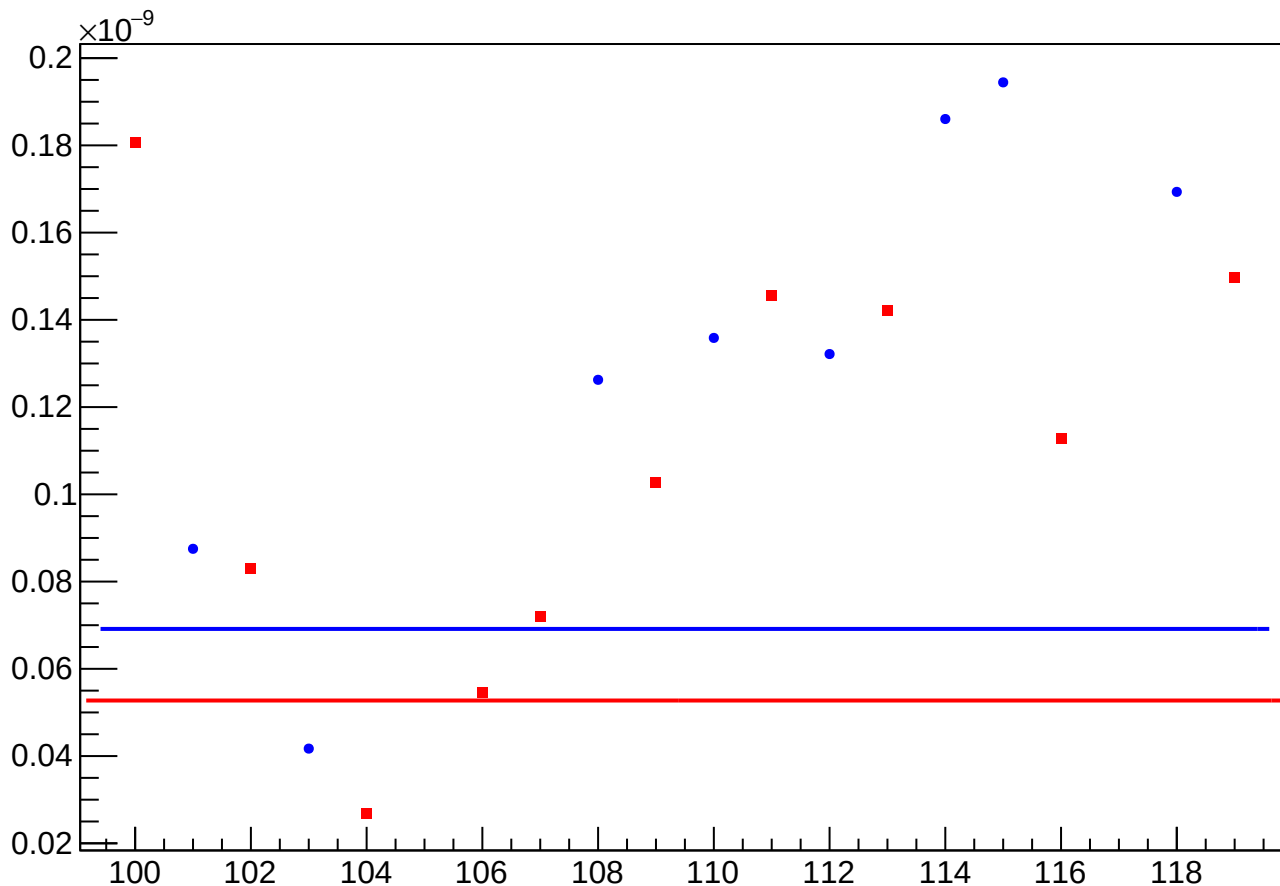
Right: -0.000 ± 0.000 χ^2/NDF : 19.9/17

In: -0.000 ± 0.000 χ^2/NDF : 6.2/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.9/17

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1205662.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1734438.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

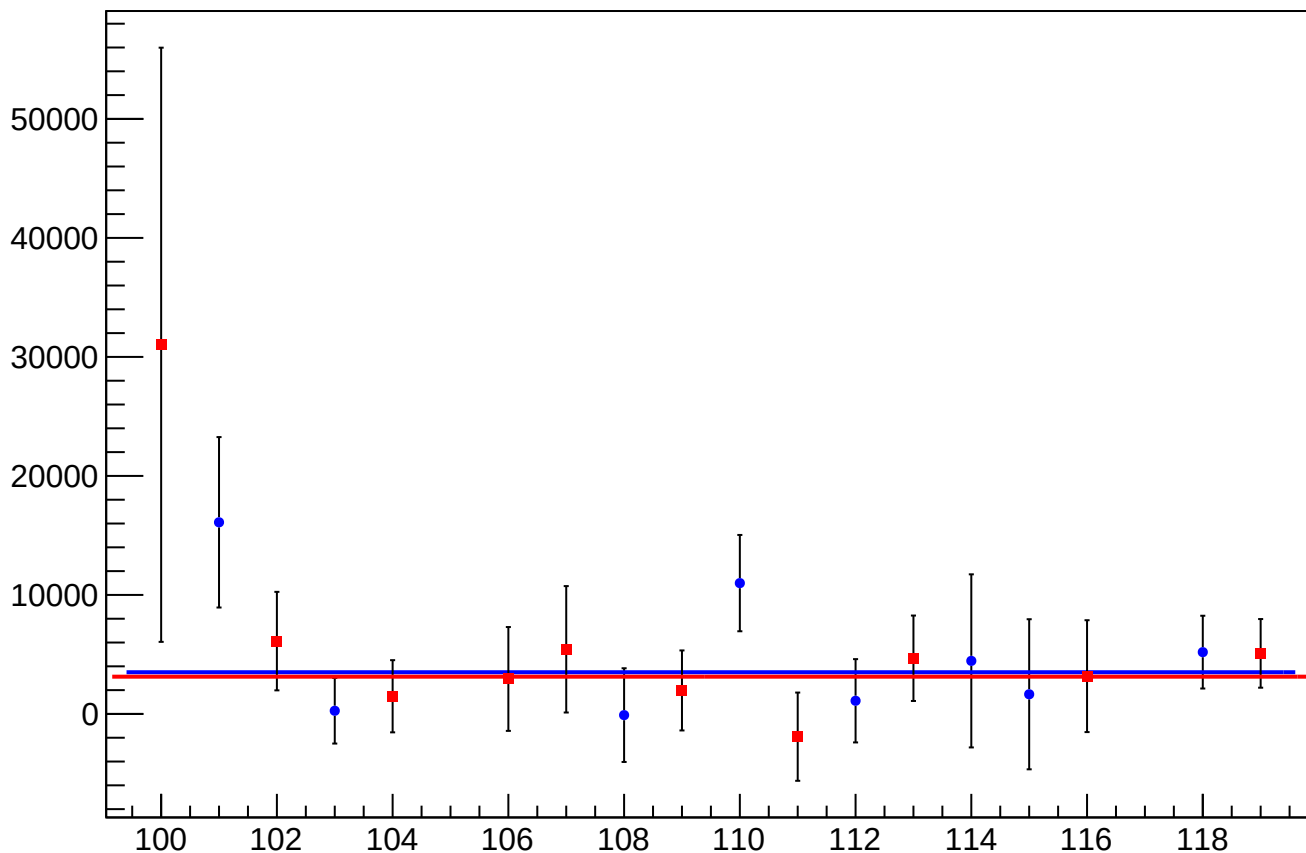
Right: 0.000+/-0.000 χ^2/NDF : 3060672.2/17

In: 0.000+/-0.000 χ^2/NDF : 1205662.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3060672.2/17

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3503.897+/-1400.913 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3130.634+/-1229.885 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

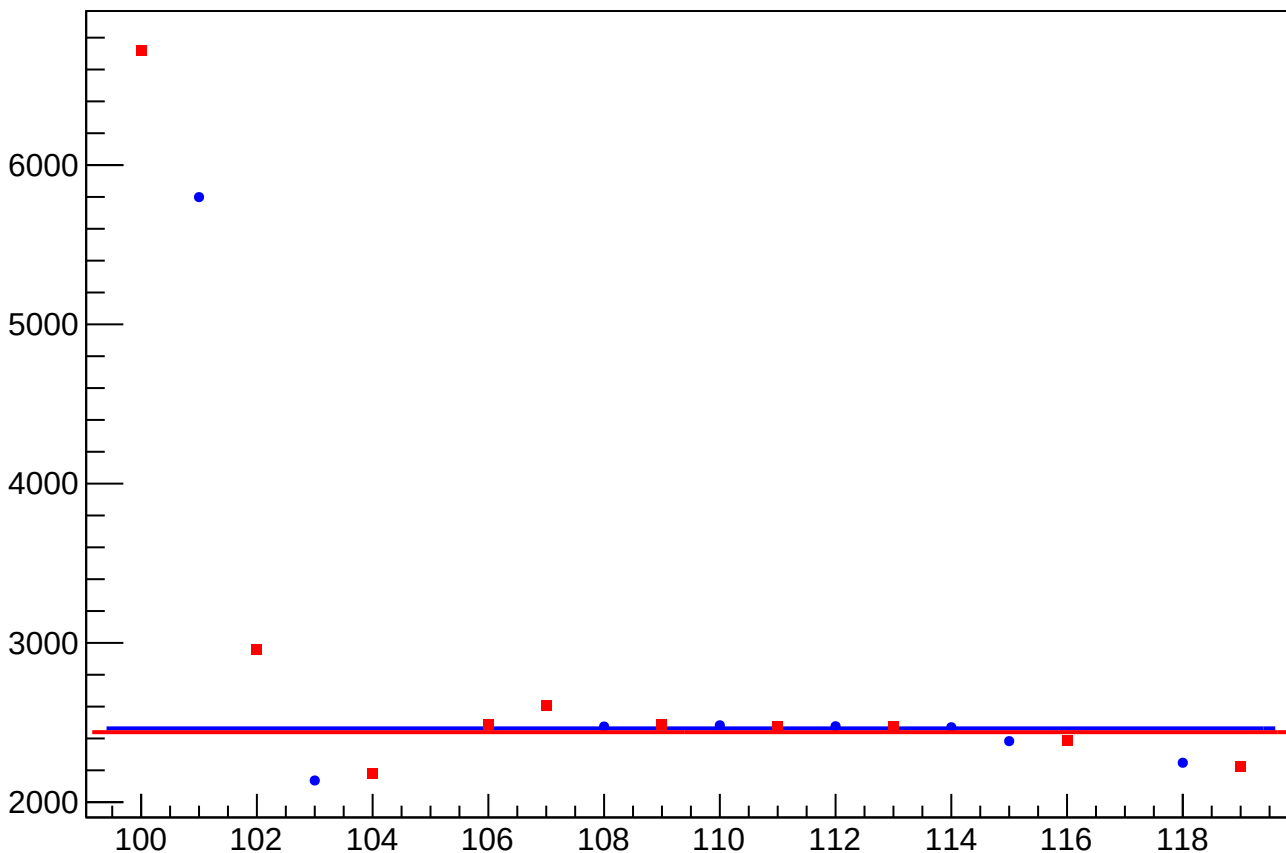
Right: 3293.102+/-924.245 χ^2/NDF : 14.5/17

In: 3503.897+/-1400.913 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3293.102+/-924.245 χ^2/NDF : 14.5/17

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2463.280+/-0.991 χ^2/NDF : 472545.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2439.481+/-0.870 χ^2/NDF : 119031.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

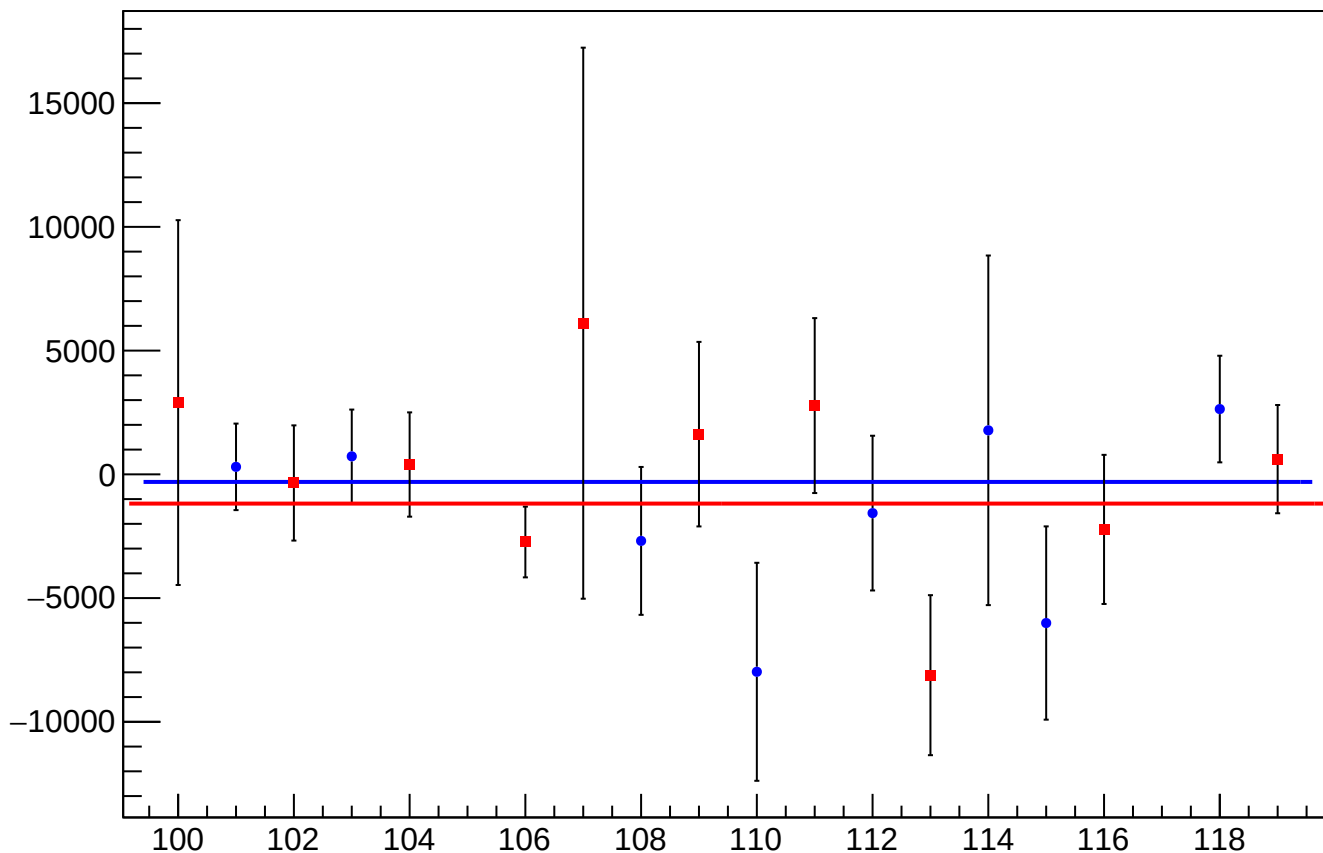
Right: 2449.840+/-0.654 χ^2/NDF : 591903.4/17

In: 2463.280+/-0.991 χ^2/NDF : 472545.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2449.840+/-0.654 χ^2/NDF : 591903.4/17

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -306.338+/-922.845 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1181.667+/-818.535 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

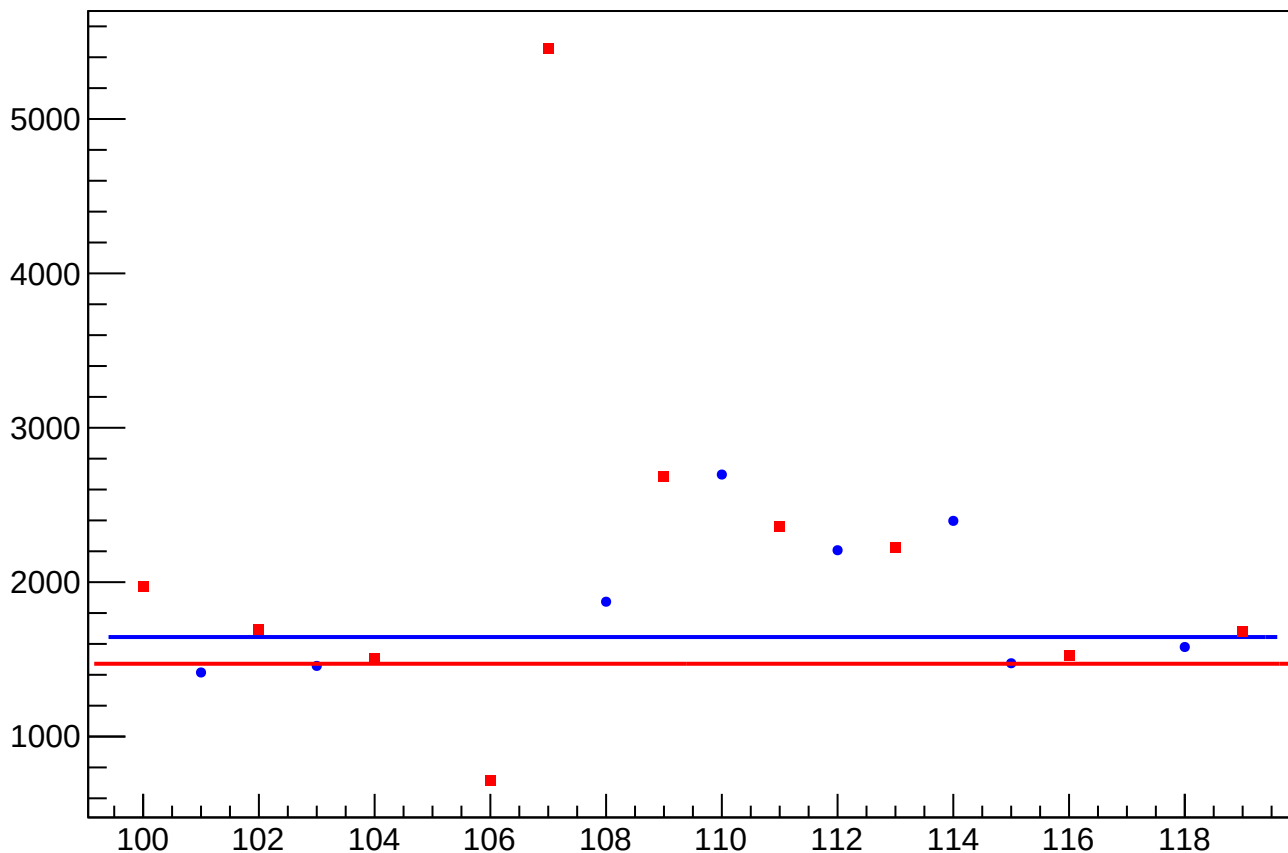
Right: -796.248+/-612.364 χ^2/NDF : 18.7/17

In: -306.338+/-922.845 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -796.248+/-612.364 χ^2/NDF : 18.7/17

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1644.588+/-0.653 χ^2/NDF : 272961.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.454+/-0.579 χ^2/NDF : 1311796.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

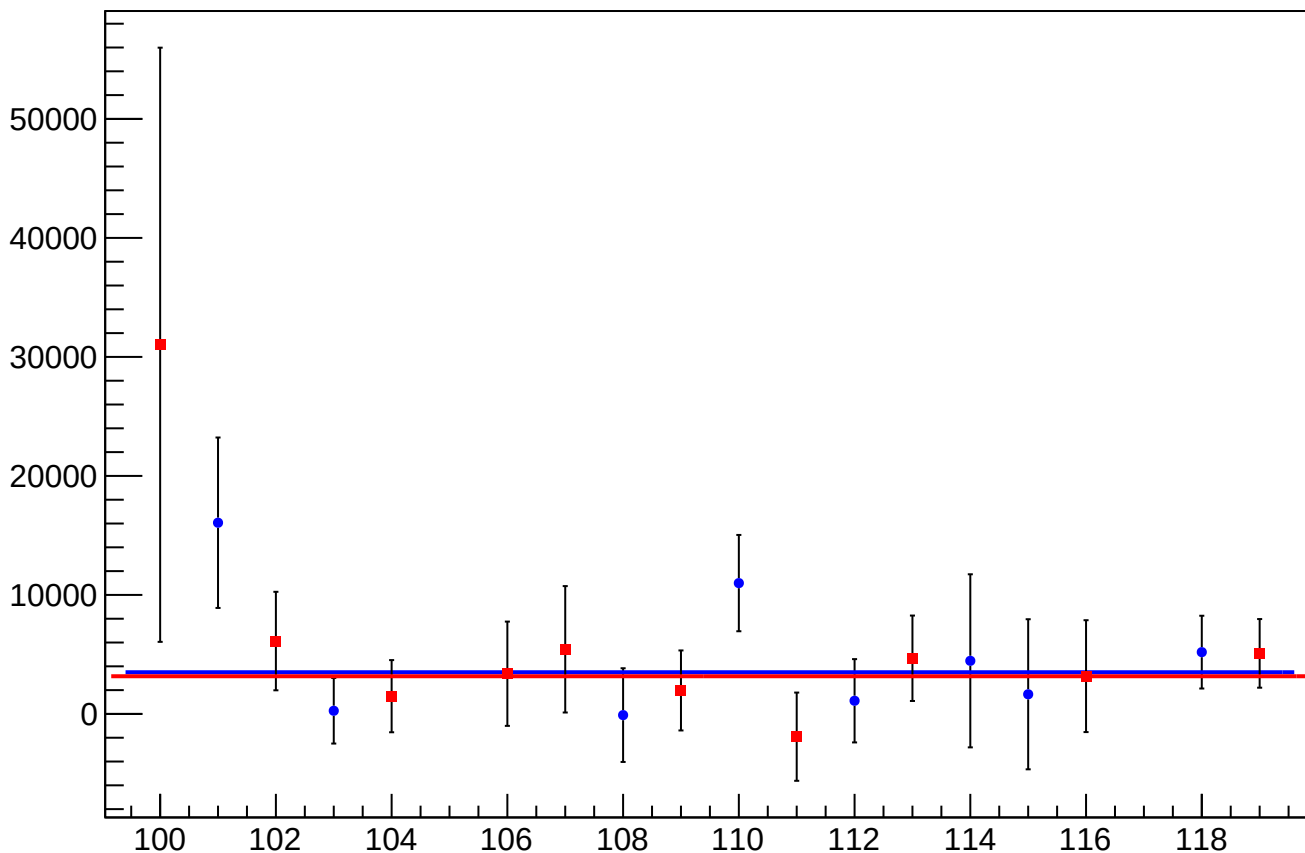
Right: 1547.687+/-0.433 χ^2/NDF : 1624157.0/17

In: 1644.588+/-0.653 χ^2/NDF : 272961.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.687+/-0.433 χ^2/NDF : 1624157.0/17

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3502.509+/-1400.913 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.307+/-1230.308 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

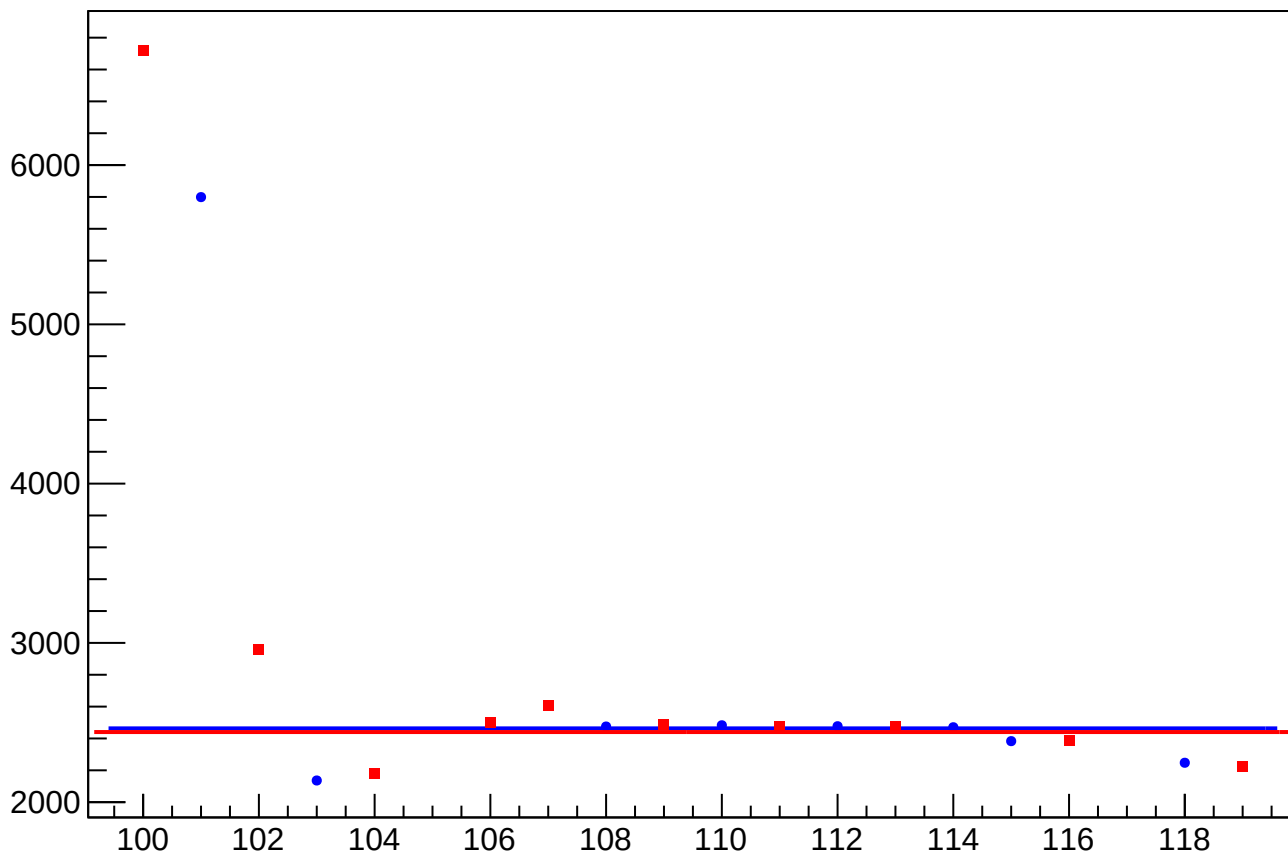
Right: 3312.700+/-924.425 χ^2/NDF : 14.5/17

In: 3502.509+/-1400.913 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3312.700+/-924.425 χ^2/NDF : 14.5/17

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2463.280+/-0.991 χ^2/NDF : 472546.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.293+/-0.870 χ^2/NDF : 119153.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

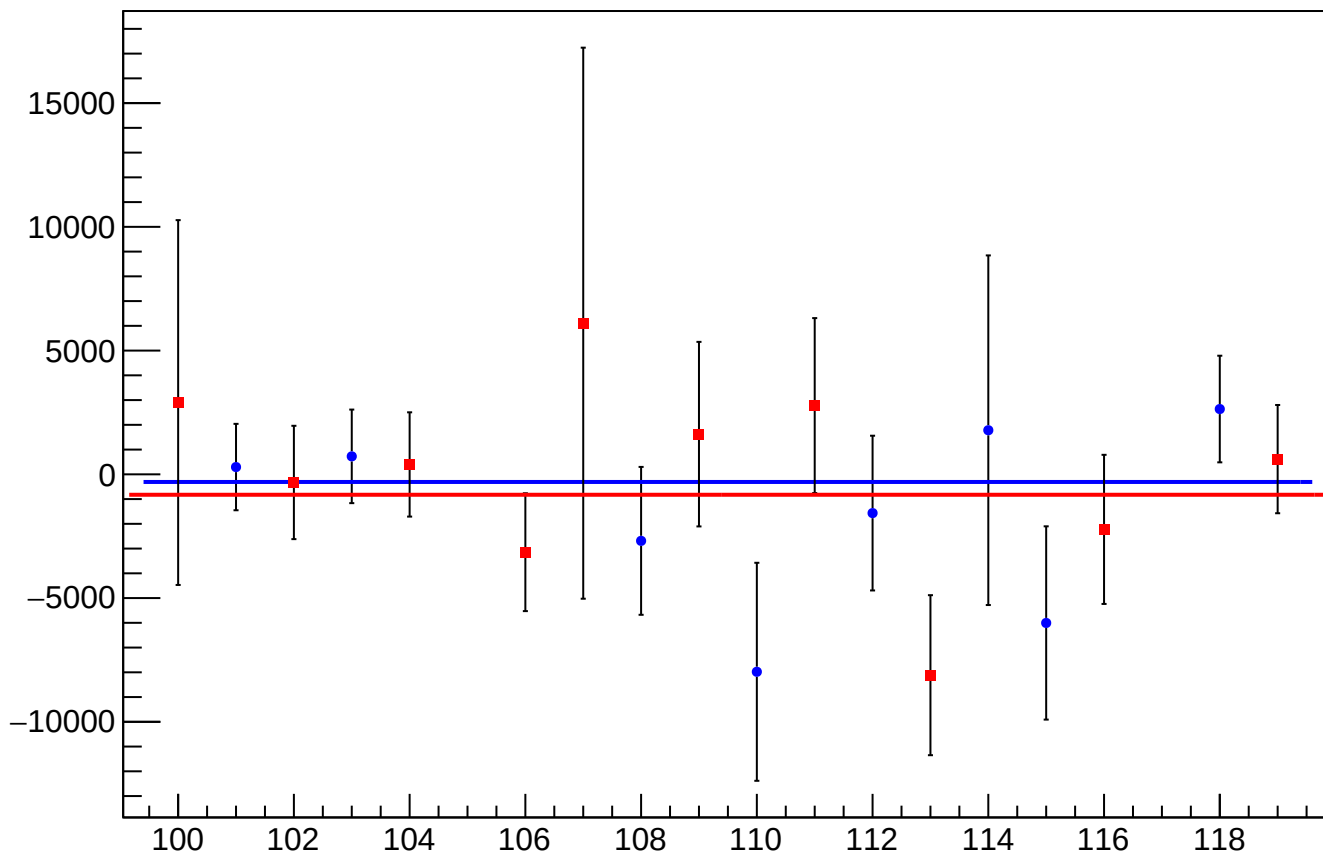
Right: 2450.302+/-0.654 χ^2/NDF : 592004.0/17

In: 2463.280+/-0.991 χ^2/NDF : 472546.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.302+/-0.654 χ^2/NDF : 592004.0/17

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -308.460+/-922.486 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.518+/-918.329 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

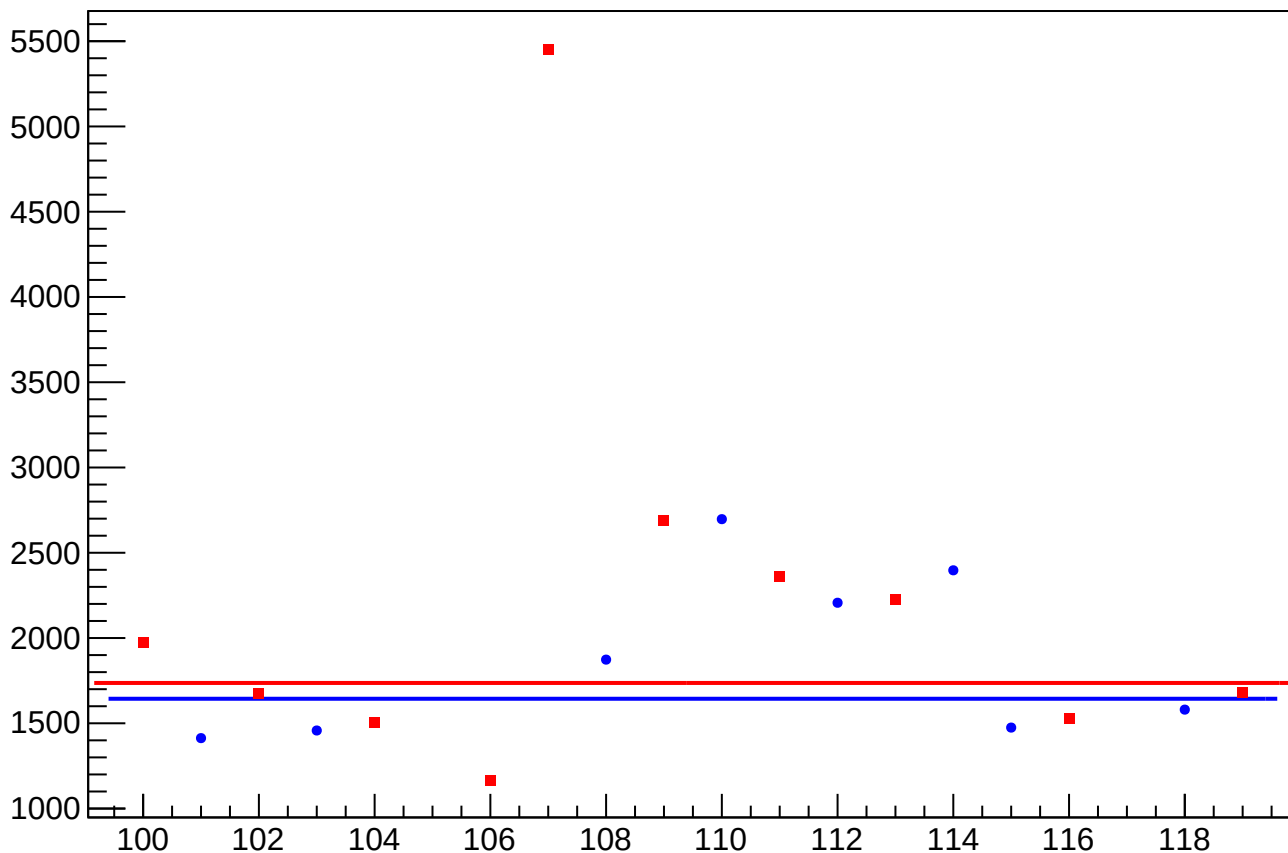
Right: -568.156+/-650.821 χ^2/NDF : 17.7/17

In: -308.460+/-922.486 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.156+/-650.821 χ^2/NDF : 17.7/17

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1643.880+/-0.652 χ^2/NDF : 273635.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.529+/-0.649 χ^2/NDF : 615288.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

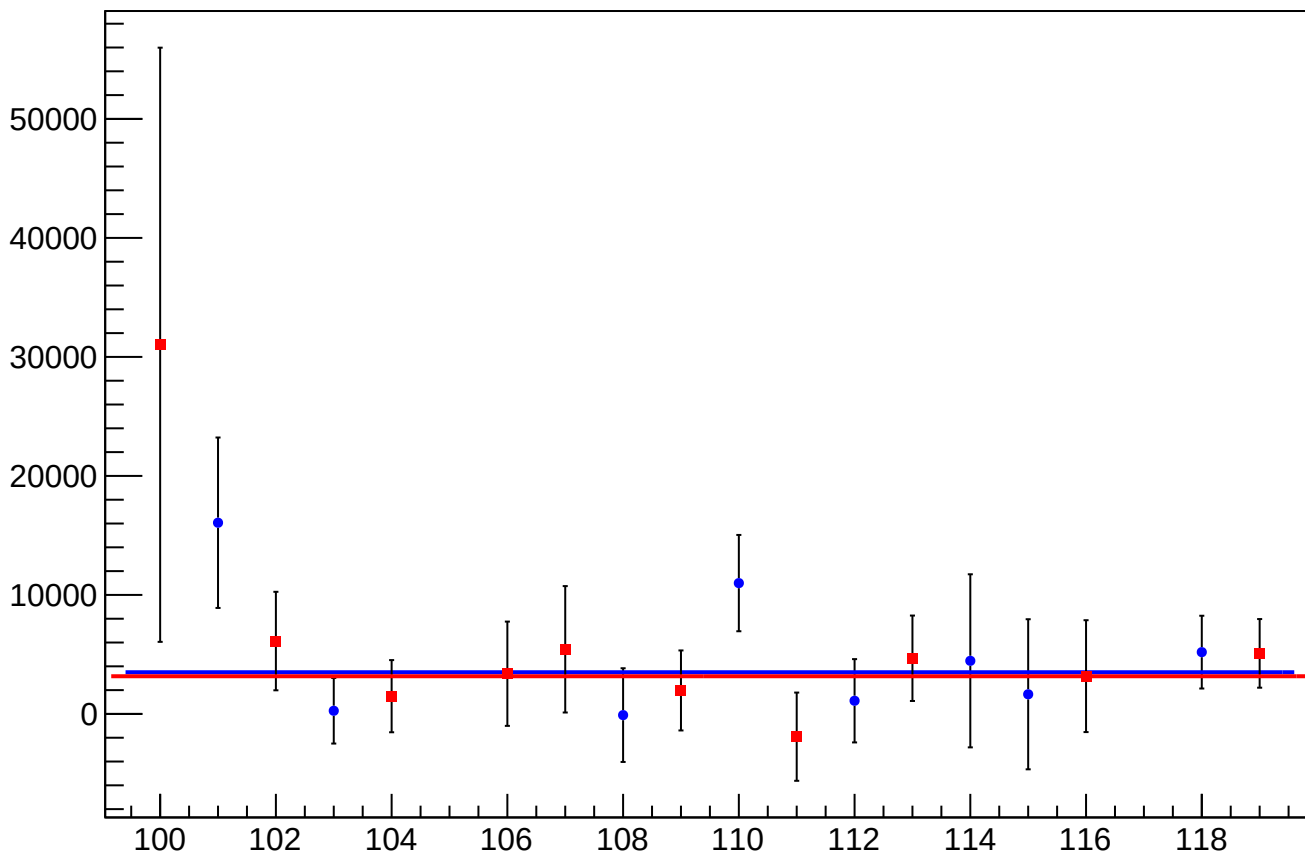
Right: 1690.414+/-0.460 χ^2/NDF : 899056.7/17

In: 1643.880+/-0.652 χ^2/NDF : 273635.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.414+/-0.460 χ^2/NDF : 899056.7/17

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3502.509+/-1400.913 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.307+/-1230.308 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

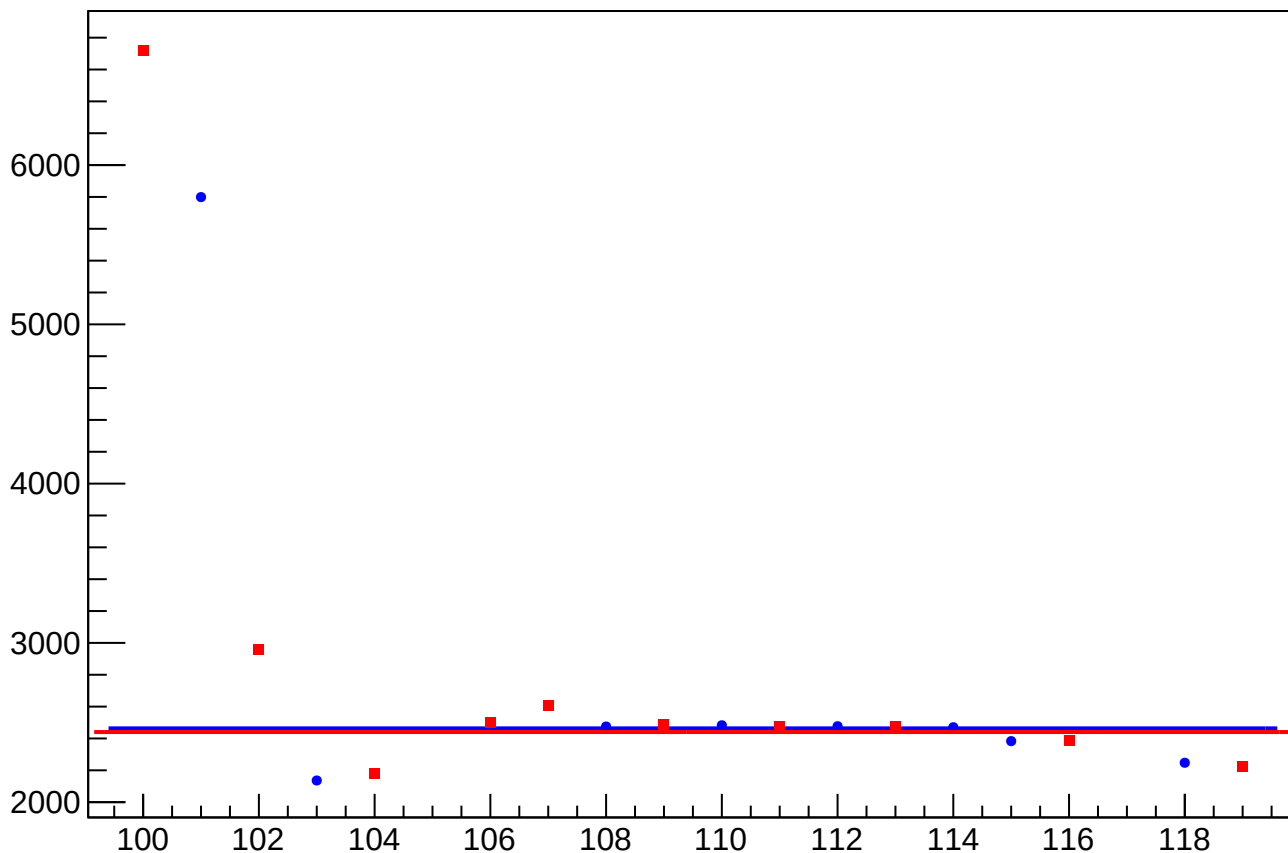
Right: 3312.700+/-924.425 χ^2/NDF : 14.5/17

In: 3502.509+/-1400.913 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3312.700+/-924.425 χ^2/NDF : 14.5/17

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2463.280+/-0.991 χ^2/NDF : 472546.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2440.293+/-0.870 χ^2/NDF : 119153.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

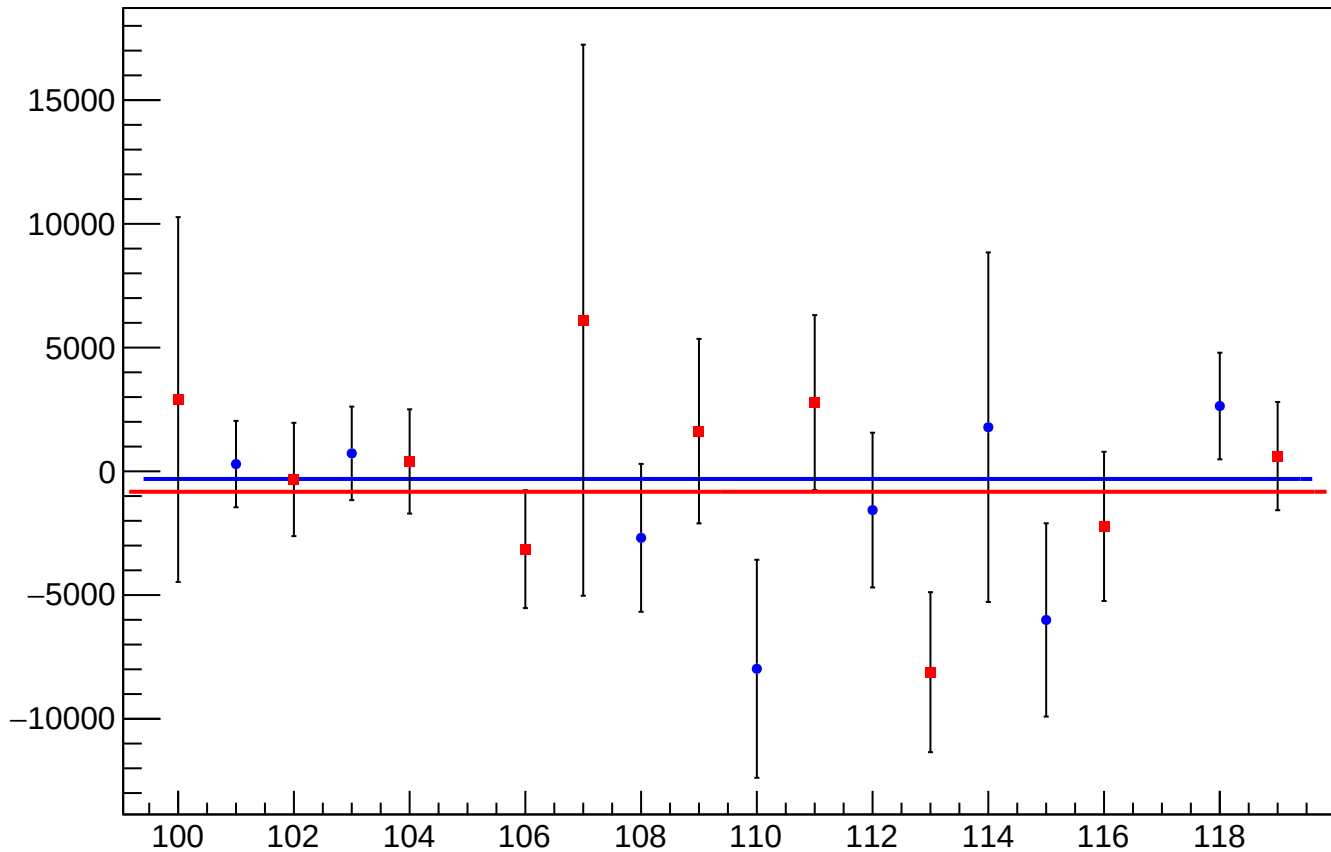
Right: 2450.302+/-0.654 χ^2/NDF : 592004.0/17

In: 2463.280+/-0.991 χ^2/NDF : 472546.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2450.302+/-0.654 χ^2/NDF : 592004.0/17

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -308.460+/-922.486 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -825.518+/-918.329 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

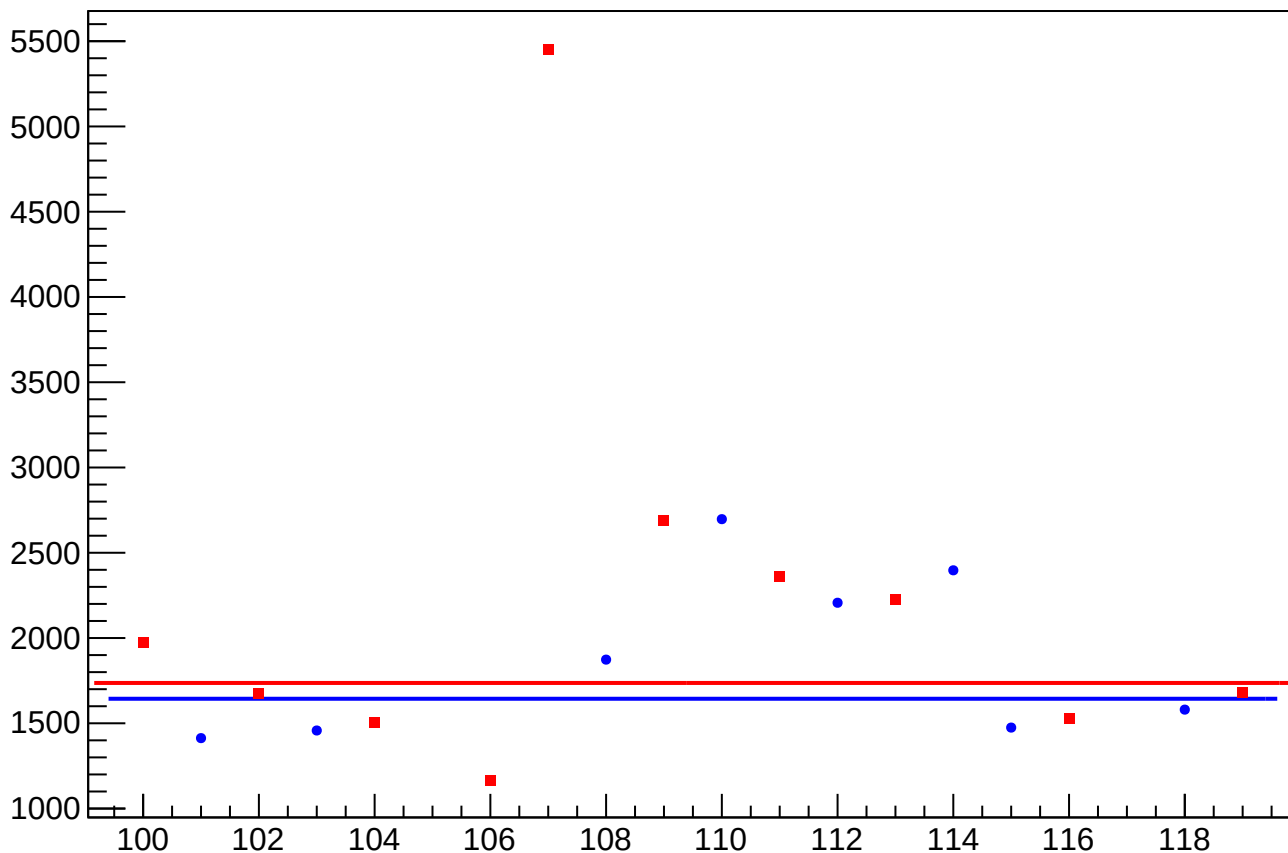
Right: -568.156+/-650.821 χ^2/NDF : 17.7/17

In: -308.460+/-922.486 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.156+/-650.821 χ^2/NDF : 17.7/17

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1643.880+/-0.652 χ^2/NDF : 273635.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1736.529+/-0.649 χ^2/NDF : 615288.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

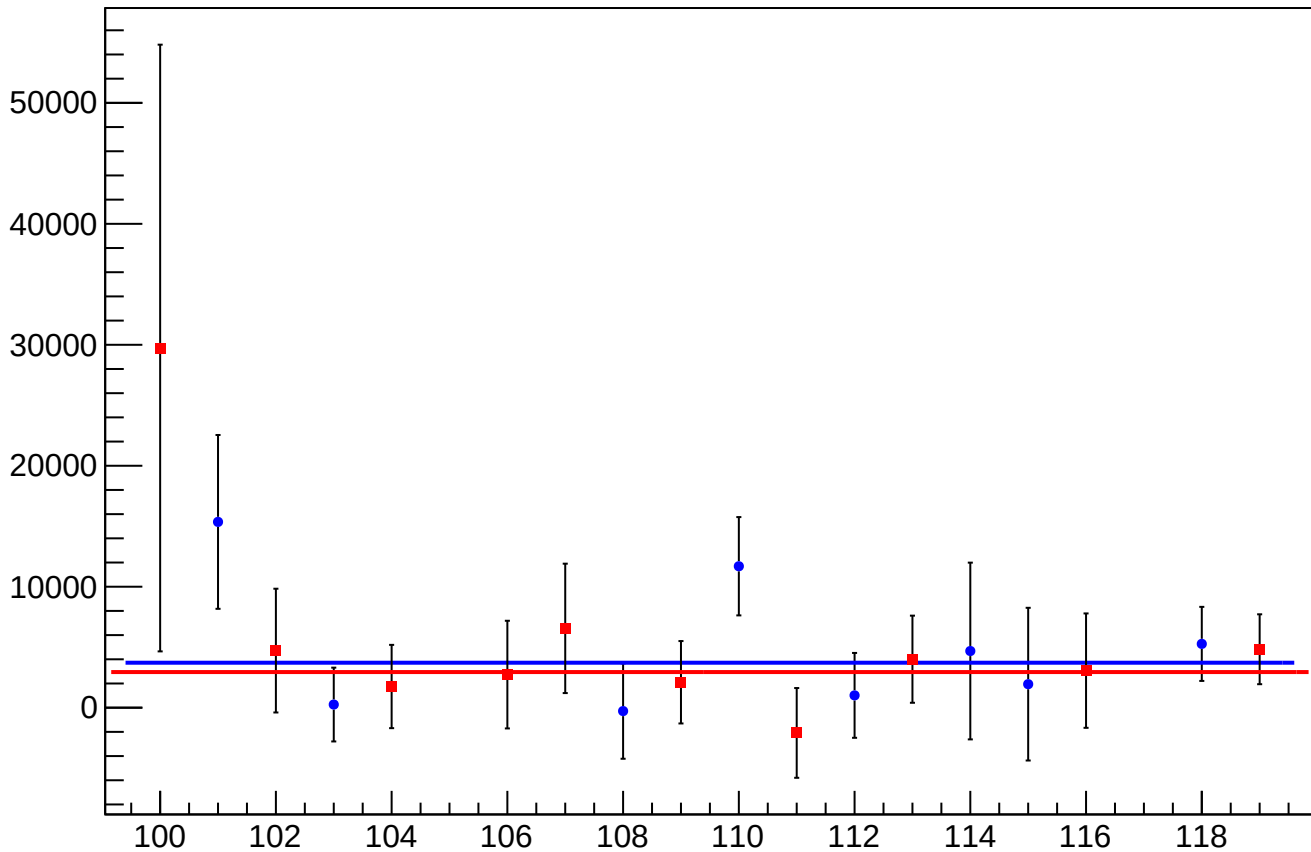
Right: 1690.414+/-0.460 χ^2/NDF : 899056.7/17

In: 1643.880+/-0.652 χ^2/NDF : 273635.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.414+/-0.460 χ^2/NDF : 899056.7/17

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3717.493+/-1438.119 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2945.212+/-1280.258 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

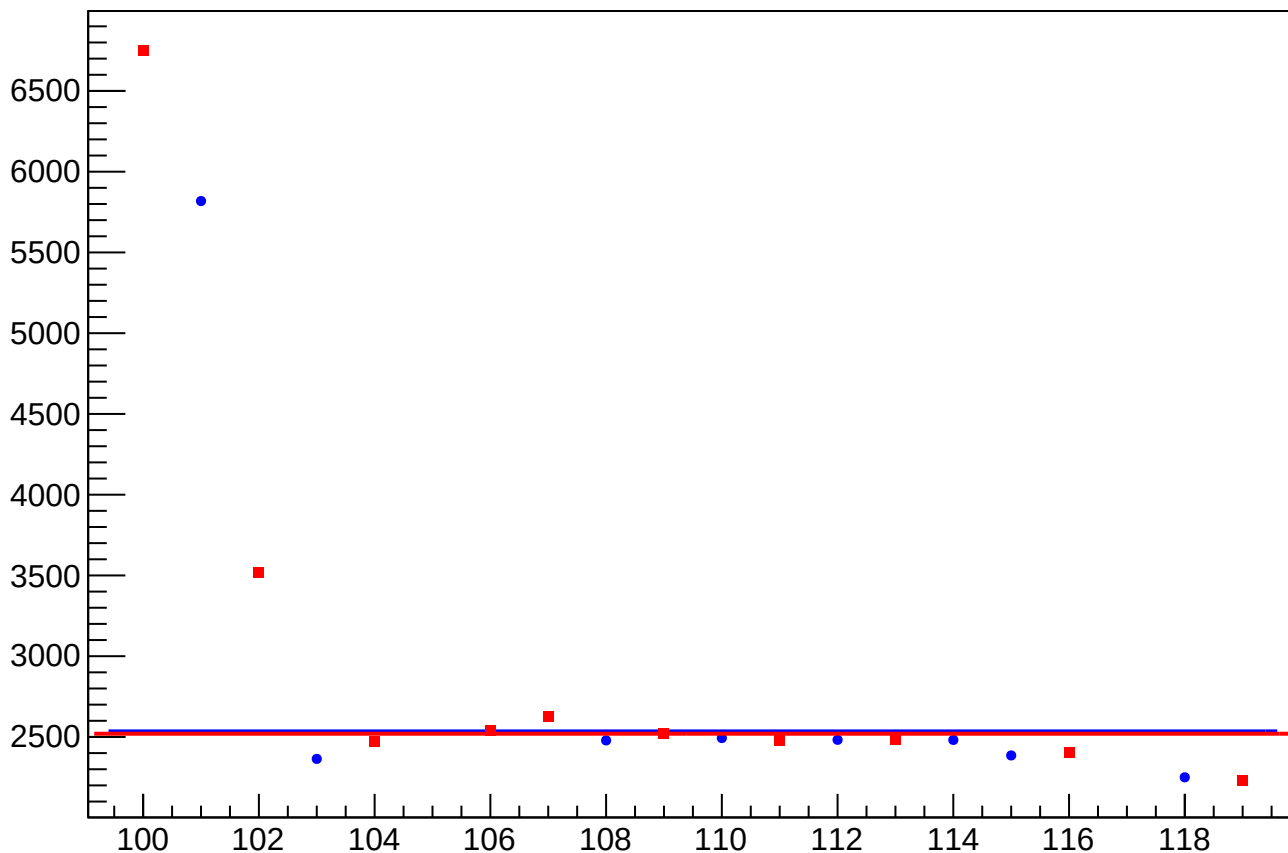
Right: 3286.655+/-956.239 χ^2/NDF : 14.2/17

In: 3717.493+/-1438.119 χ^2/NDF : 9.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3286.655+/-956.239 χ^2/NDF : 14.2/17

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2534.245+/-1.017 χ^2/NDF : 443487.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2519.992+/-0.905 χ^2/NDF : 156406.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

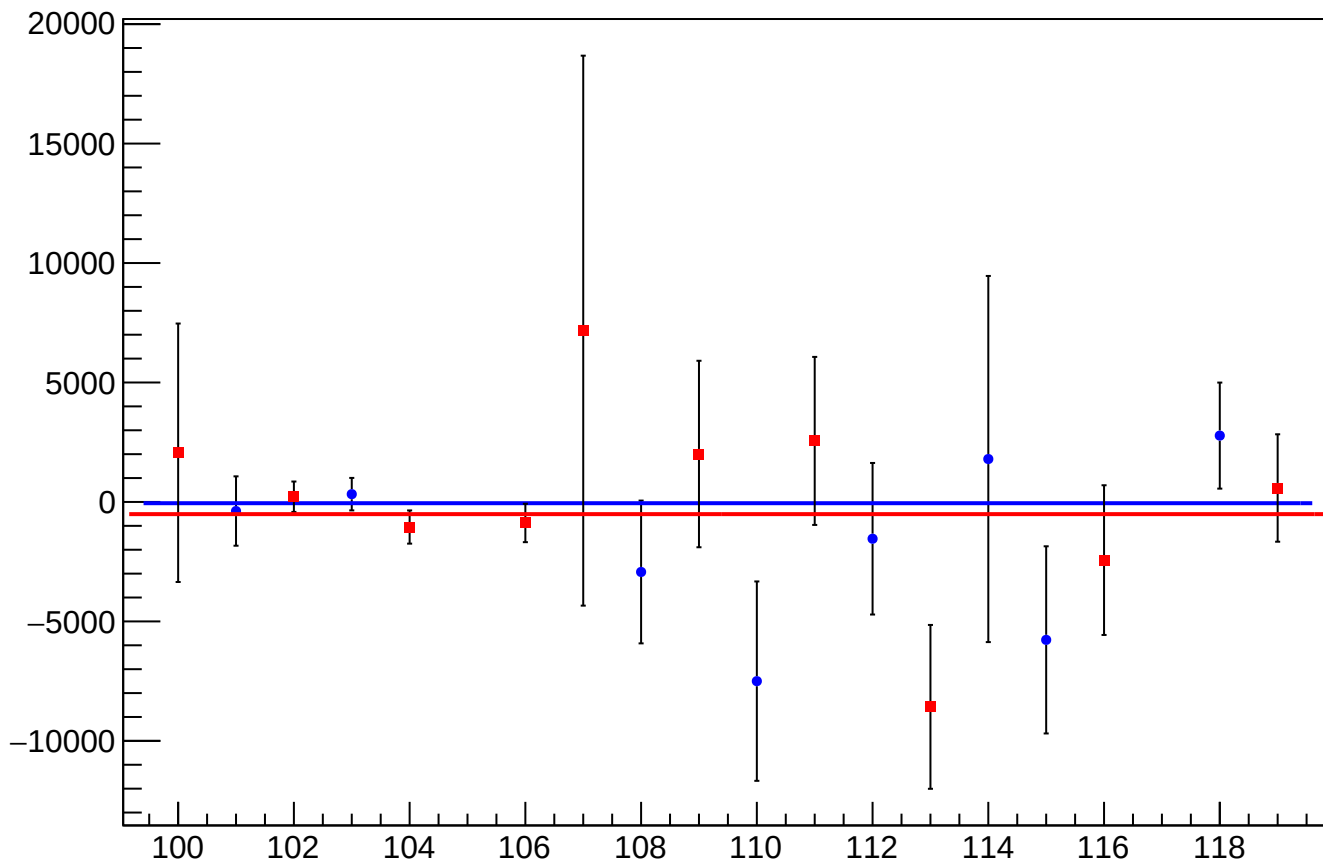
Right: 2526.294+/-0.676 χ^2/NDF : 600003.0/17

In: 2534.245+/-1.017 χ^2/NDF : 443487.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2526.294+/-0.676 χ^2/NDF : 600003.0/17

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -52.132+/-559.468 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -509.542+/-387.349 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

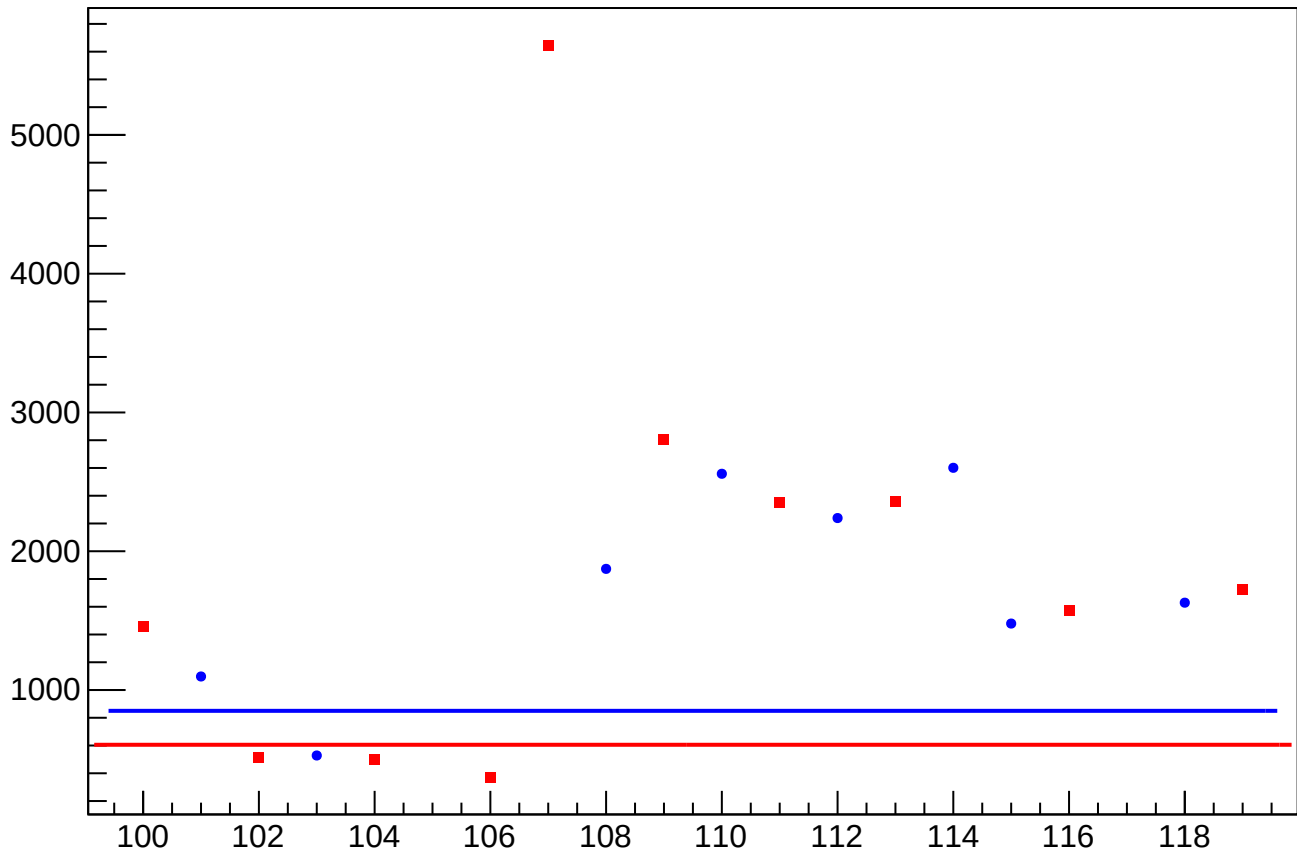
Right: -361.328+/-318.469 χ^2/NDF : 19.1/17

In: -52.132+/-559.468 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -361.328+/-318.469 χ^2/NDF : 19.1/17

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 849.949+/-0.396 χ^2/NDF : 1862692.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.375+/-0.274 χ^2/NDF : 3033610.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

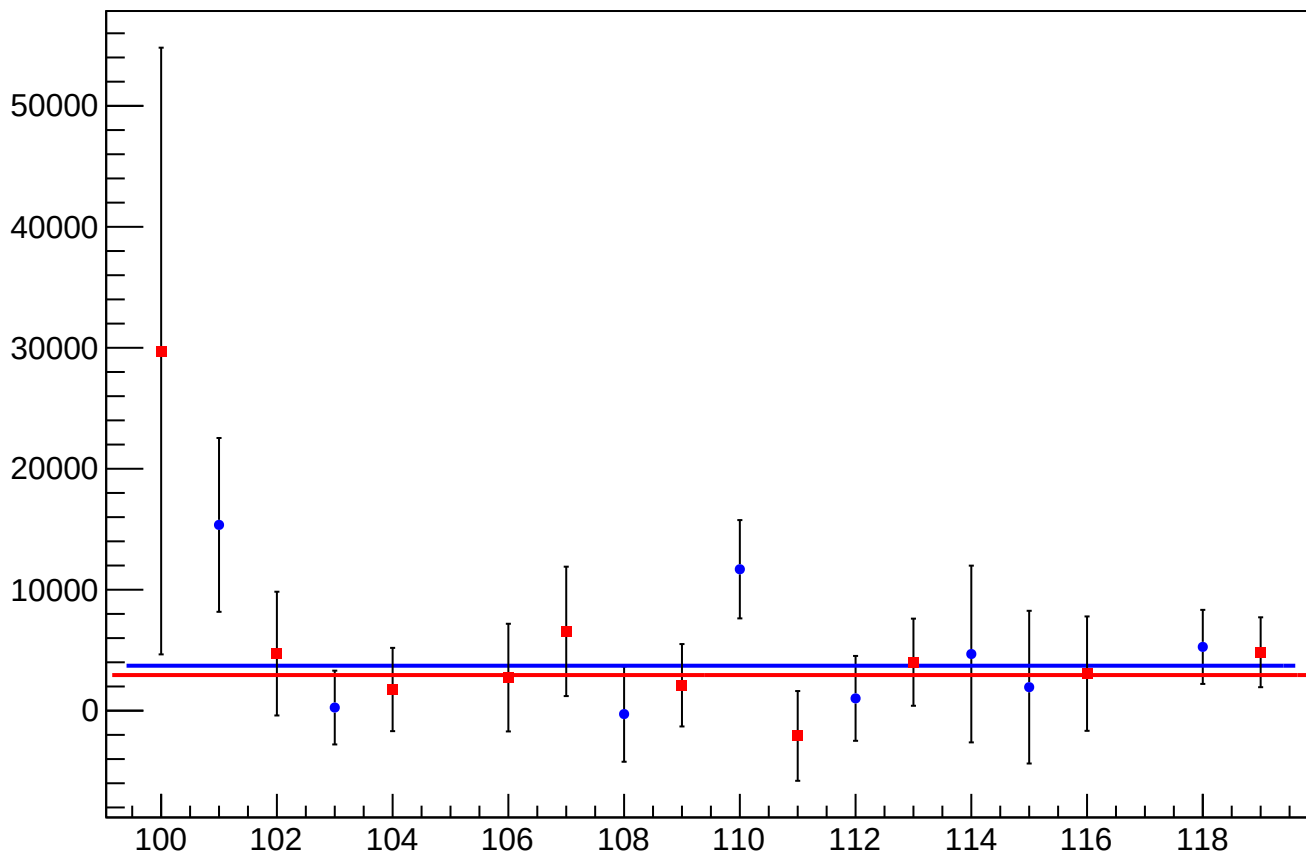
Right: 684.624+/-0.225 χ^2/NDF : 5154665.4/17

In: 849.949+/-0.396 χ^2/NDF : 1862692.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.624+/-0.225 χ^2/NDF : 5154665.4/17

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 3717.490+/-1438.118 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2945.209+/-1280.258 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

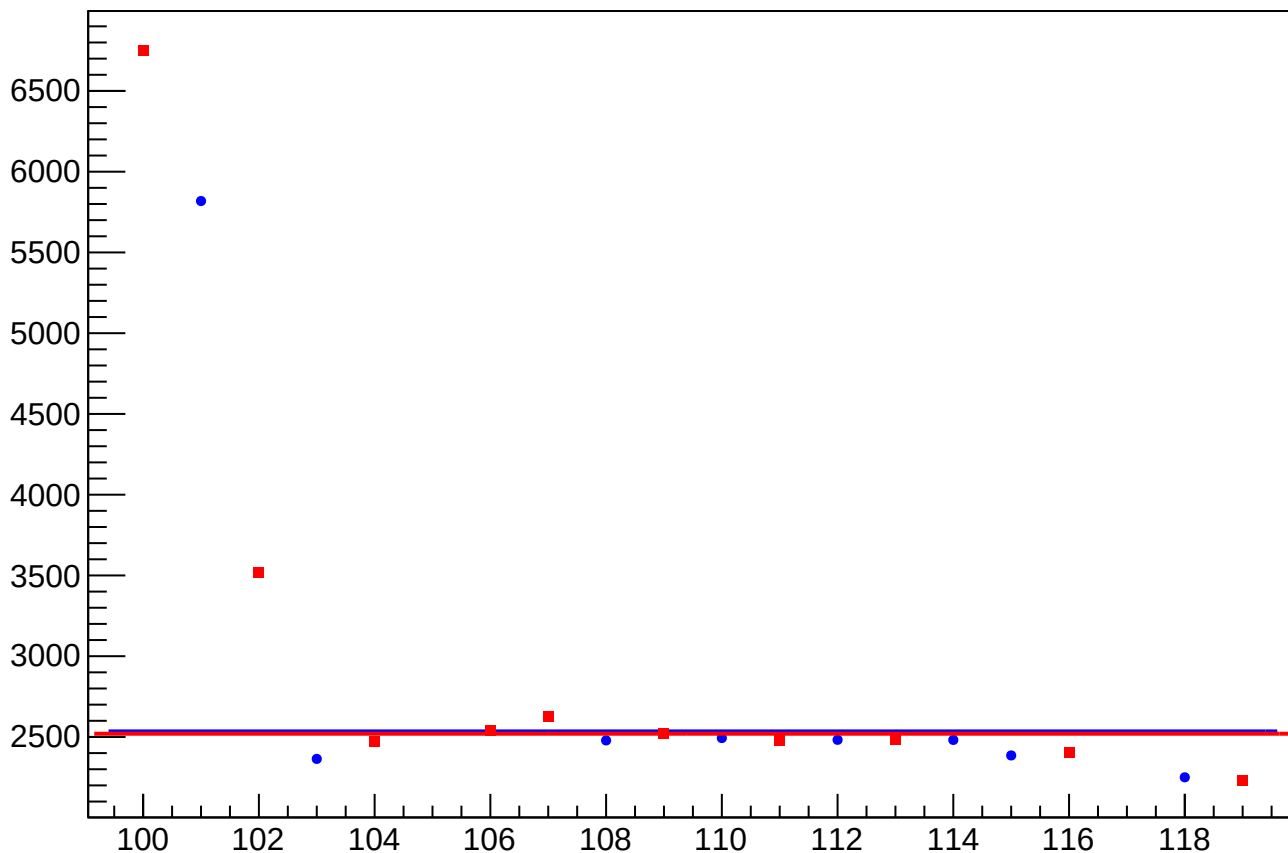
Right: 3286.653+/-956.239 χ^2/NDF : 14.2/17

In: 3717.490+/-1438.118 χ^2/NDF :9.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3286.653+/-956.239 χ^2/NDF : 14.2/17

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2534.244+/-1.017 χ^2/NDF : 443487.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2519.991+/-0.905 χ^2/NDF : 156405.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

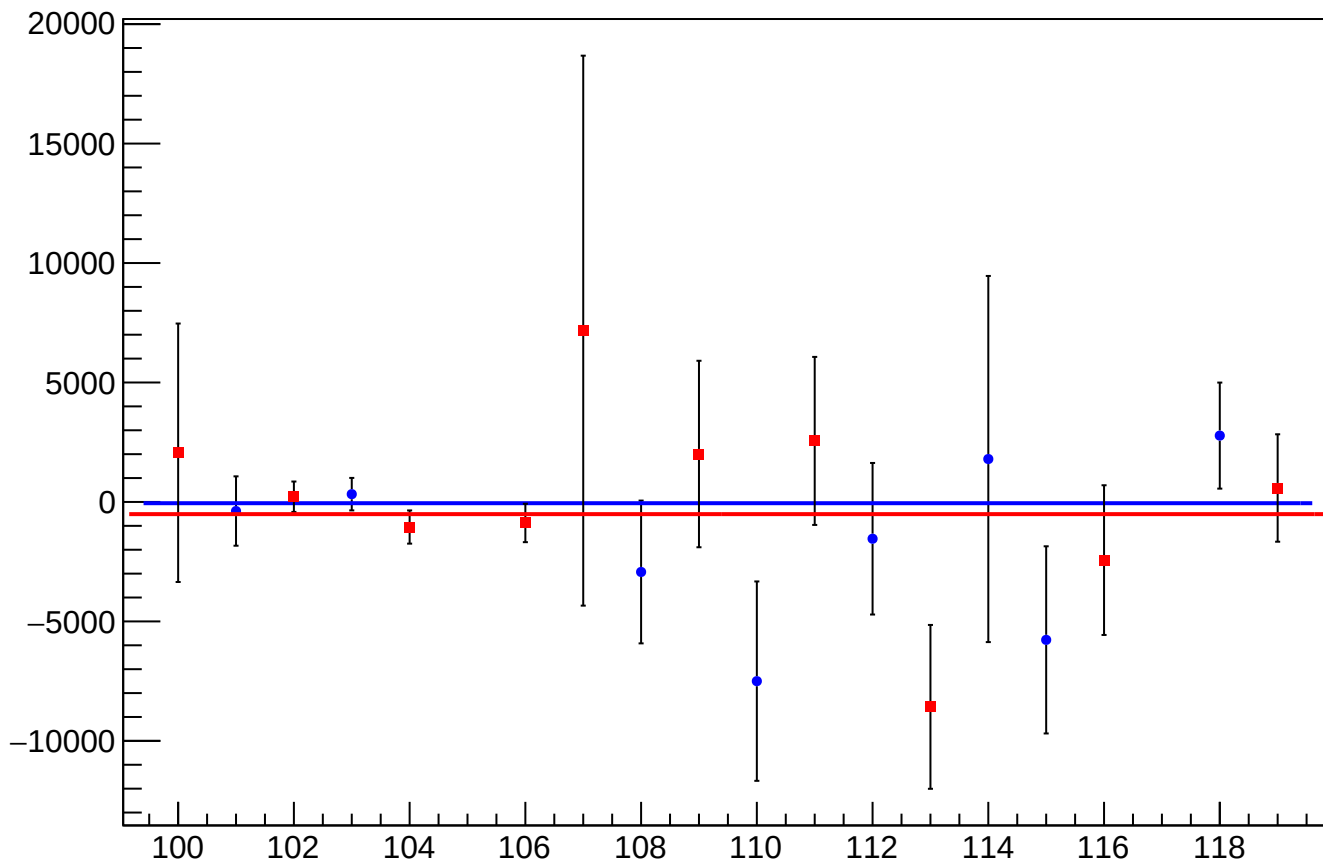
Right: 2526.292+/-0.676 χ^2/NDF : 600002.8/17

In: 2534.244+/-1.017 χ^2/NDF : 443487.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2526.292+/-0.676 χ^2/NDF : 600002.8/17

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -52.142+/-559.473 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -509.548+/-387.355 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

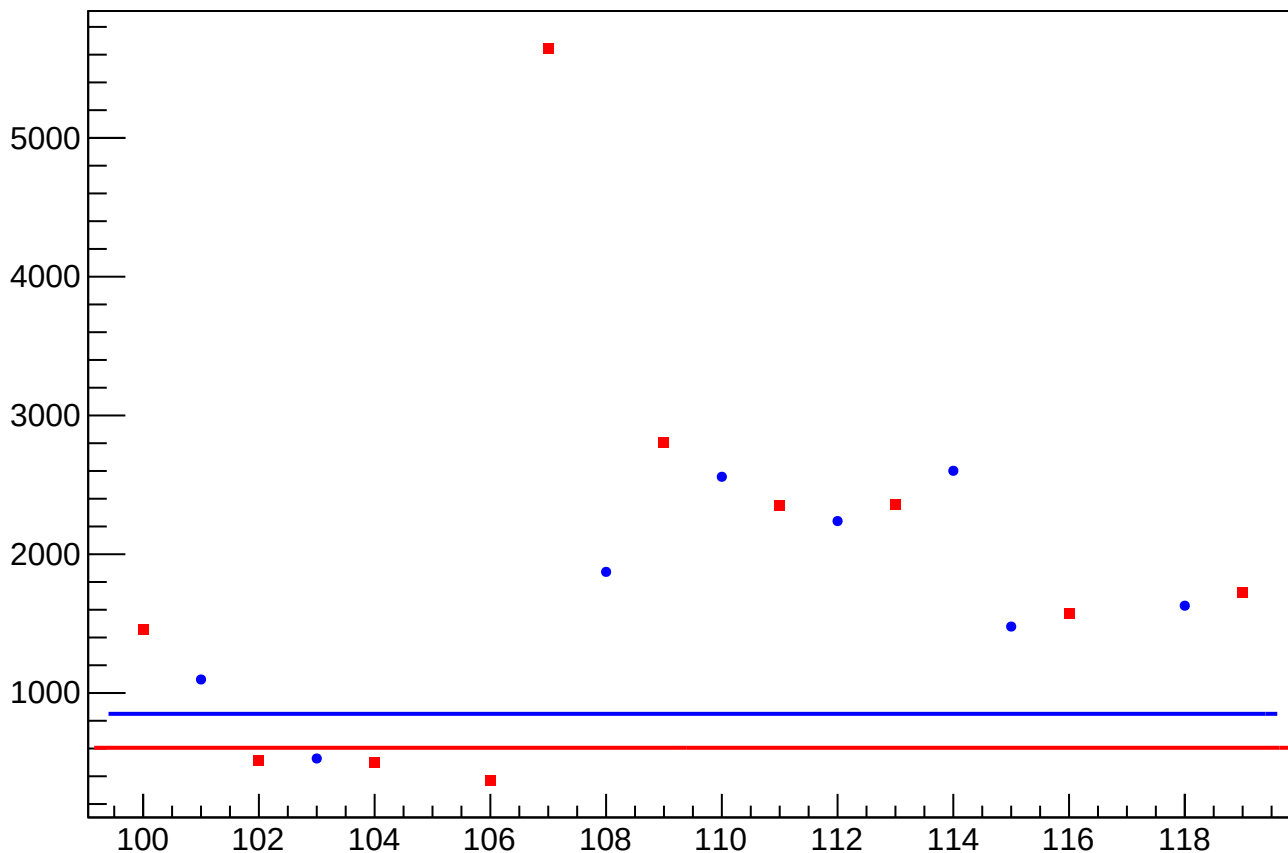
Right: -361.334+/-318.473 χ^2/NDF : 19.1/17

In: -52.142+/-559.473 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -361.334+/-318.473 χ^2/NDF : 19.1/17

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 849.959+/-0.396 χ^2/NDF : 1862661.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.388+/-0.274 χ^2/NDF : 3033558.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

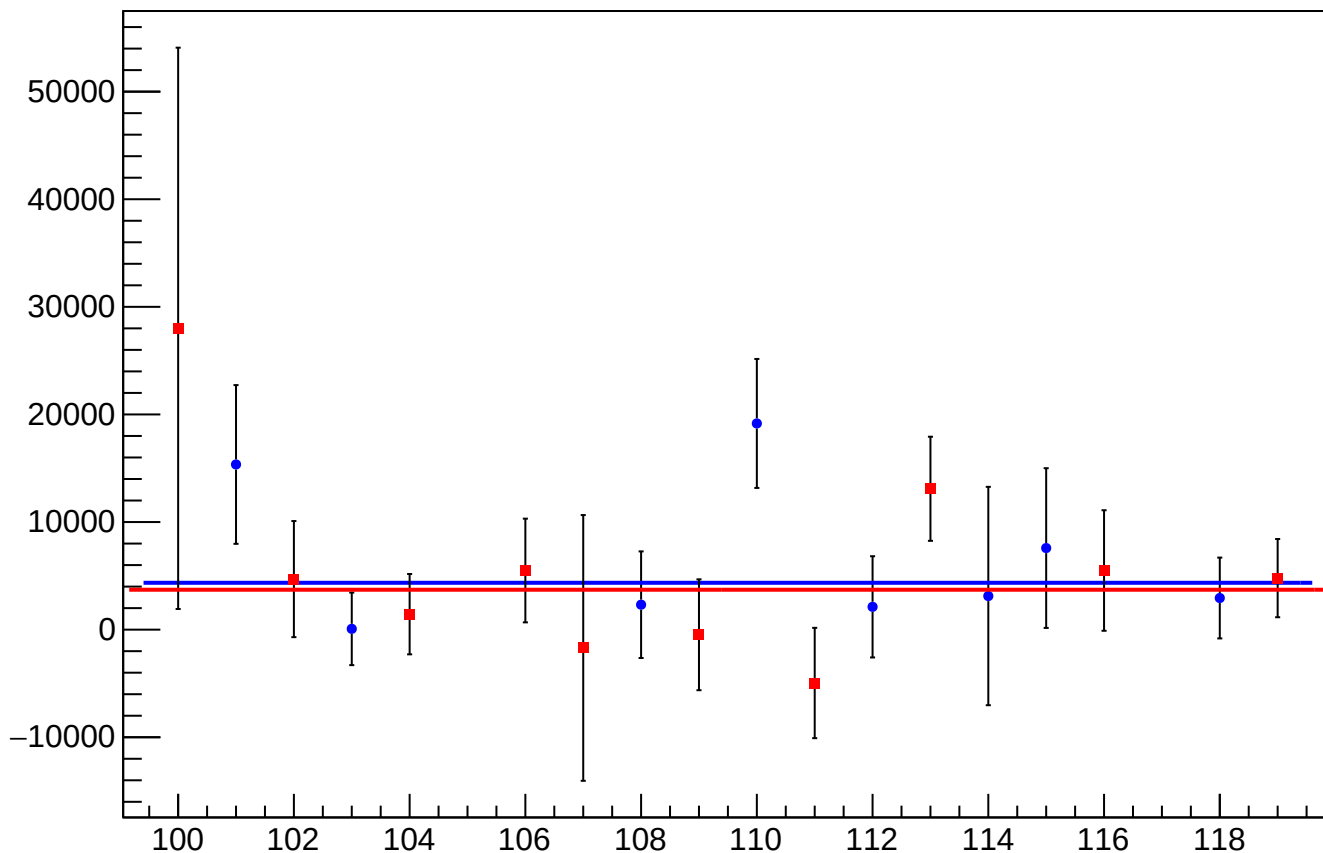
Right: 684.636+/-0.225 χ^2/NDF : 5154570.6/17

In: 849.959+/-0.396 χ^2/NDF : 1862661.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.636+/-0.225 χ^2/NDF : 5154570.6/17

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4355.151+/-1770.737 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3709.600+/-1615.438 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

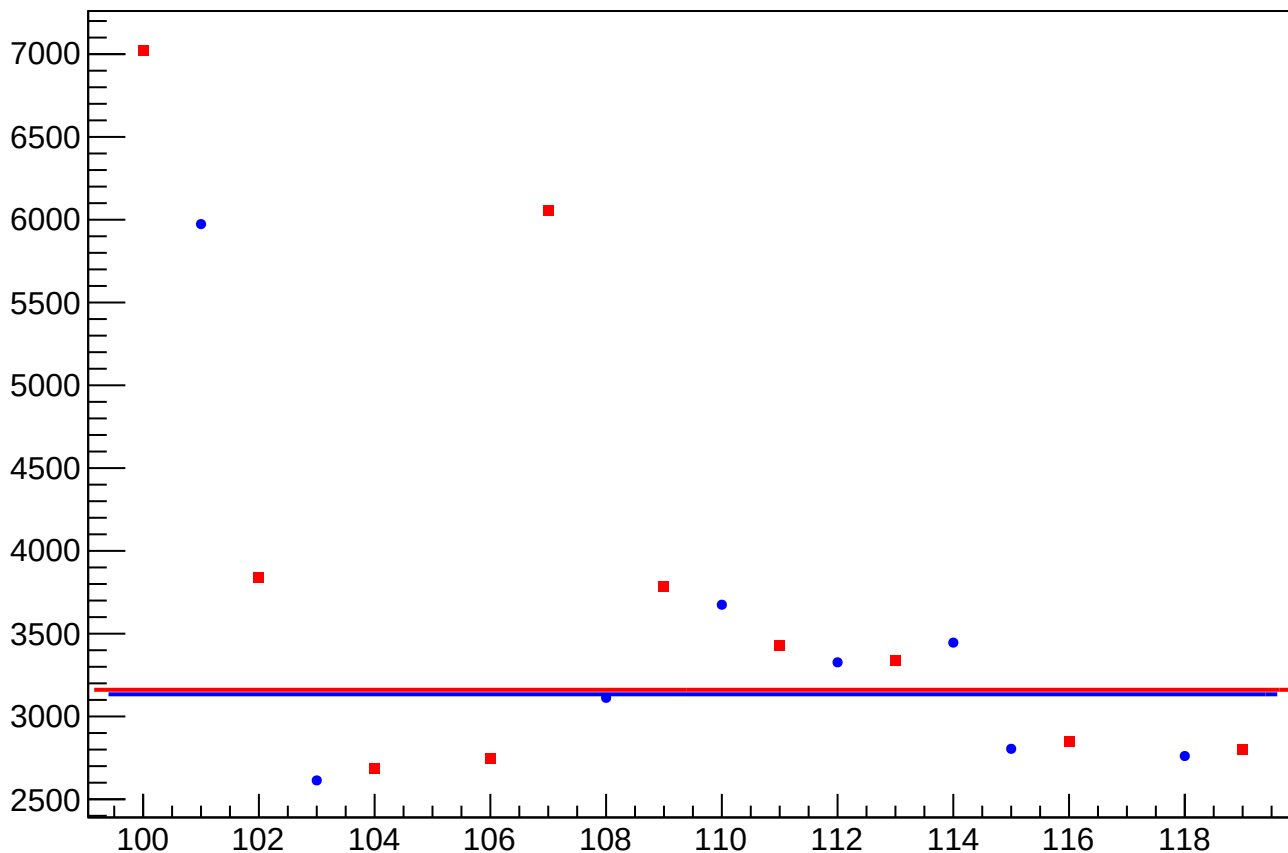
Right: 4002.831+/-1193.421 χ^2/NDF : 19.8/17

In: 4355.151+/-1770.737 χ^2/NDF : 10.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4002.831+/-1193.421 χ^2/NDF : 19.8/17

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3133.818+/-1.252 χ^2/NDF : 389268.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3161.123+/-1.142 χ^2/NDF : 294999.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

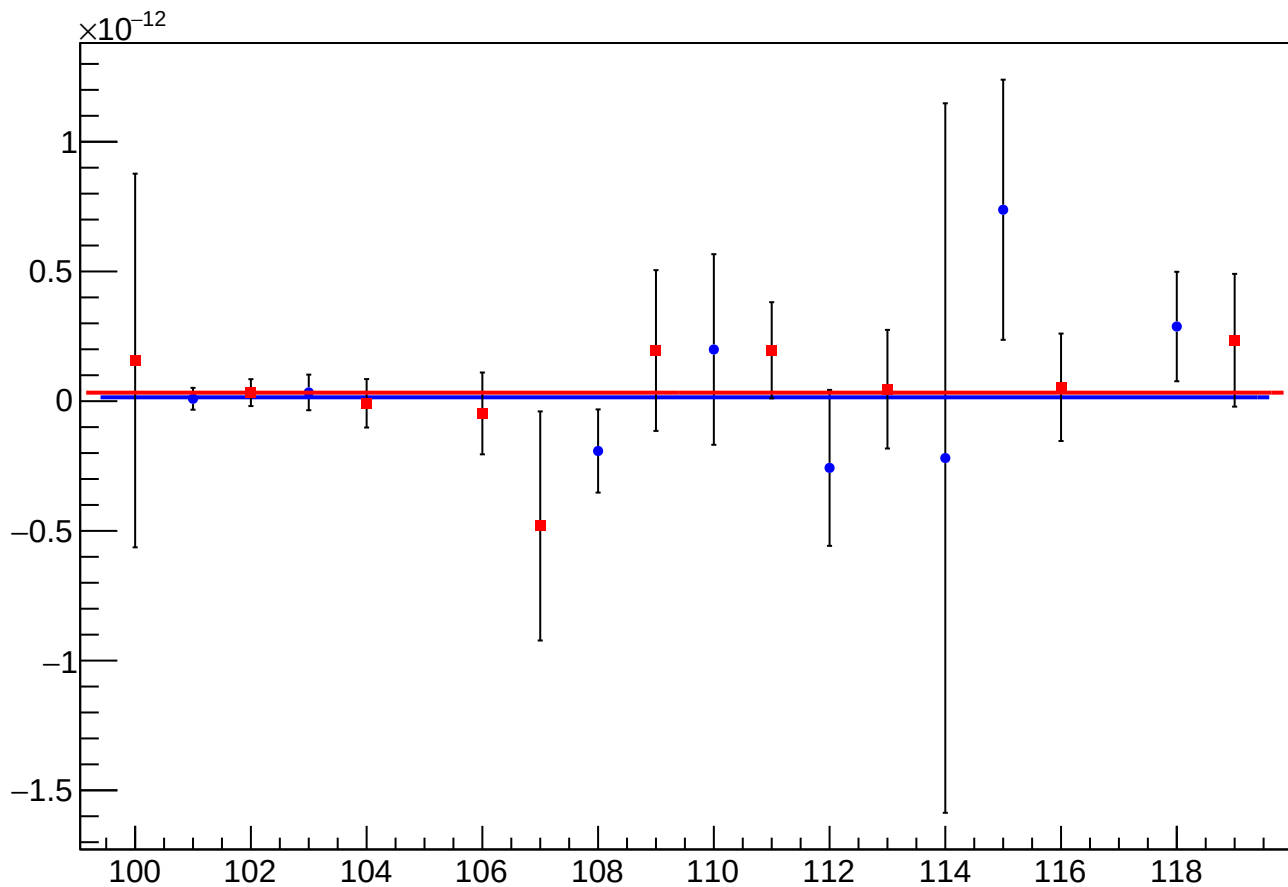
Right: 3148.720+/-0.844 χ^2/NDF : 684527.5/17

In: 3133.818+/-1.252 χ^2/NDF : 389268.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3148.720+/-0.844 χ^2/NDF : 684527.5/17

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

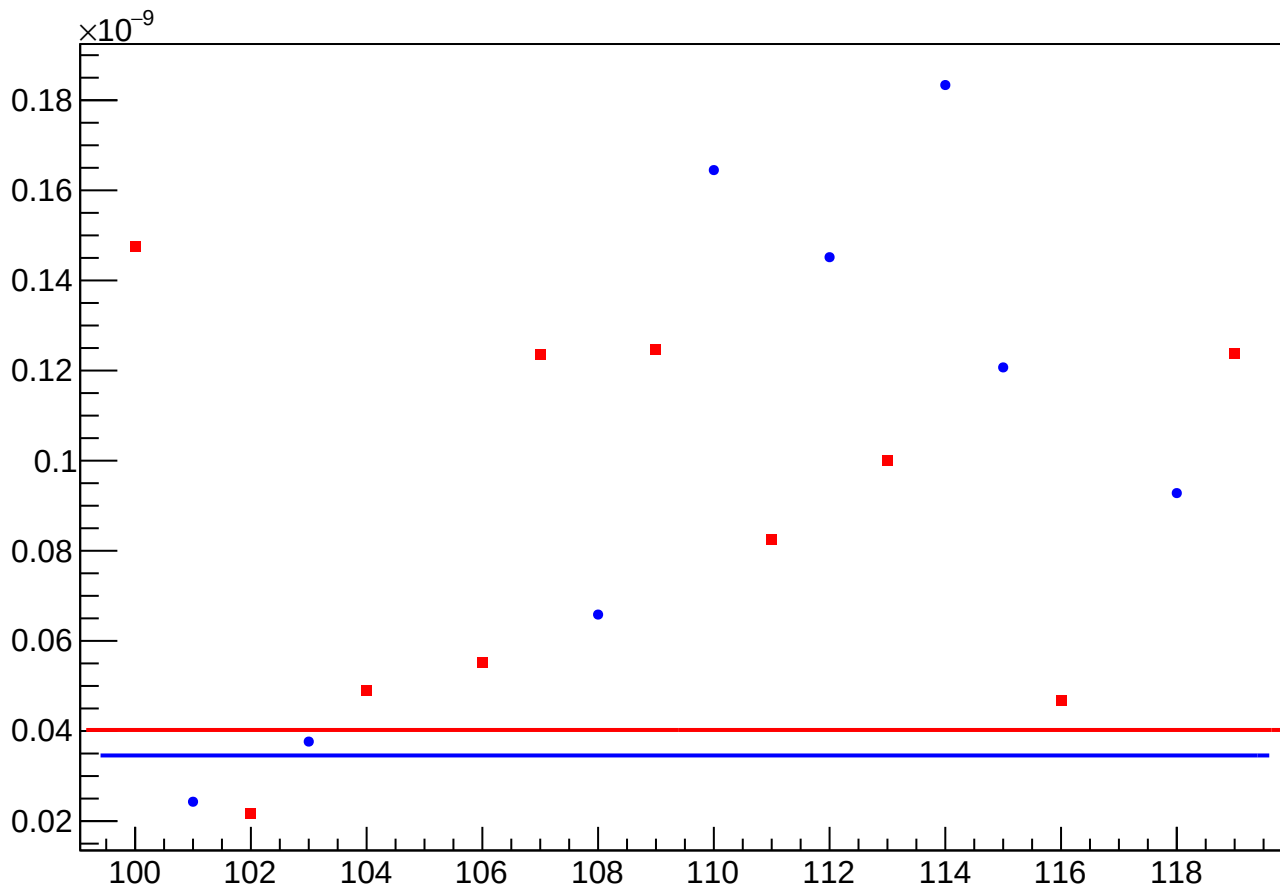
Right: 0.000+/-0.000 χ^2/NDF : 10.3/17

In: 0.000+/-0.000 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.3/17

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 954995.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1012170.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

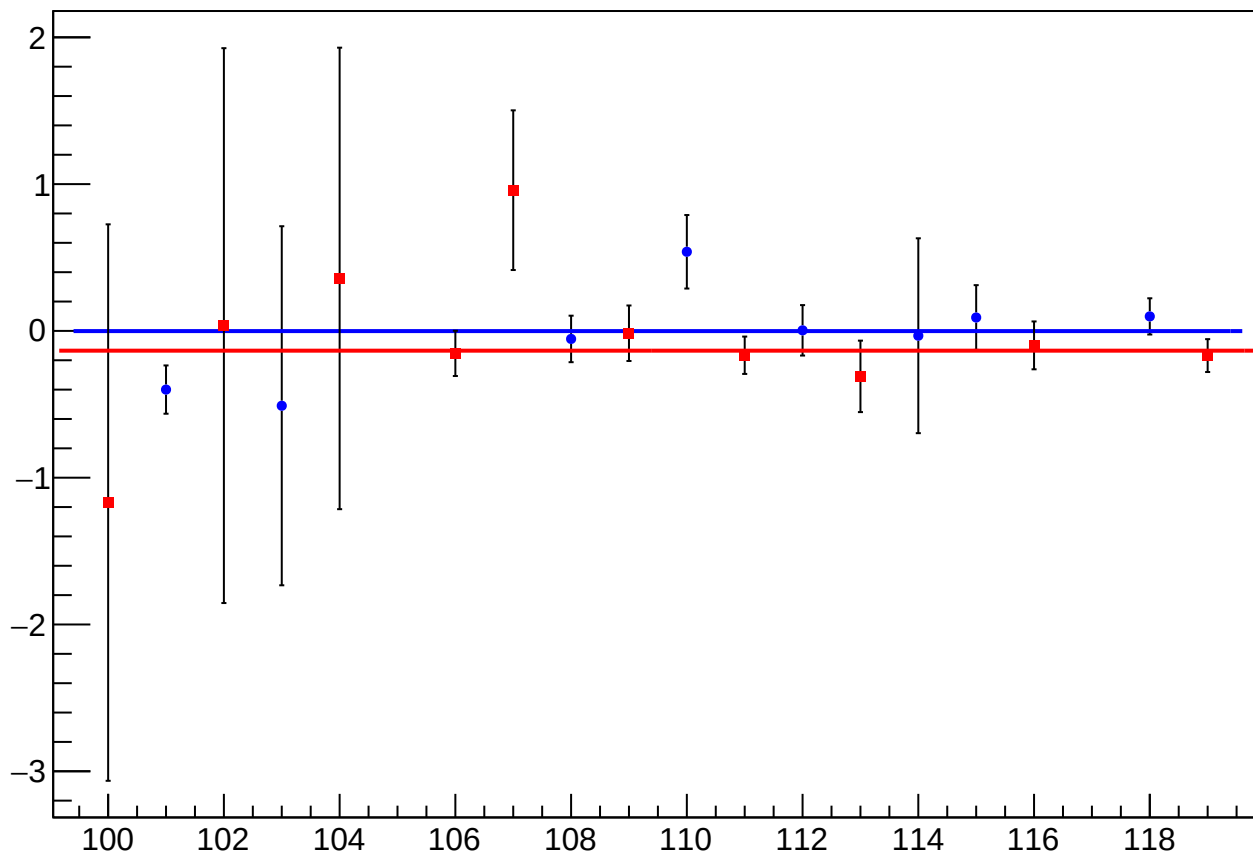
Right: 0.000+/-0.000 χ^2/NDF : 1990468.6/17

In: 0.000+/-0.000 χ^2/NDF : 954995.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1990468.6/17

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001+/-0.068 χ^2/NDF : 11.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

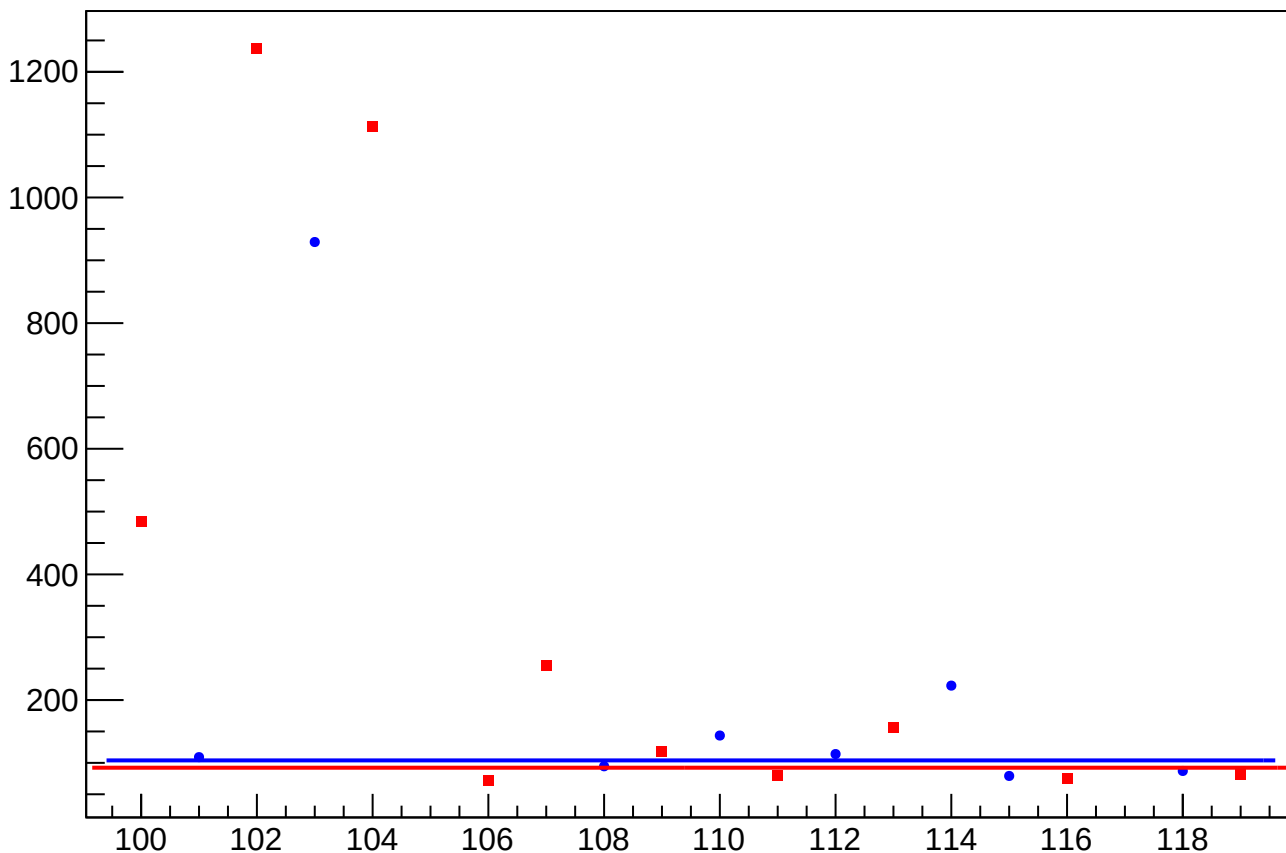
Right: -0.075+/-0.045 χ^2/NDF : 19.4/17

In: -0.001+/-0.068 χ^2/NDF :11.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.075+/-0.045 χ^2/NDF : 19.4/17

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.929+/-0.048 χ^2/NDF : 1102937.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.288+/-0.043 χ^2/NDF : 2119267.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

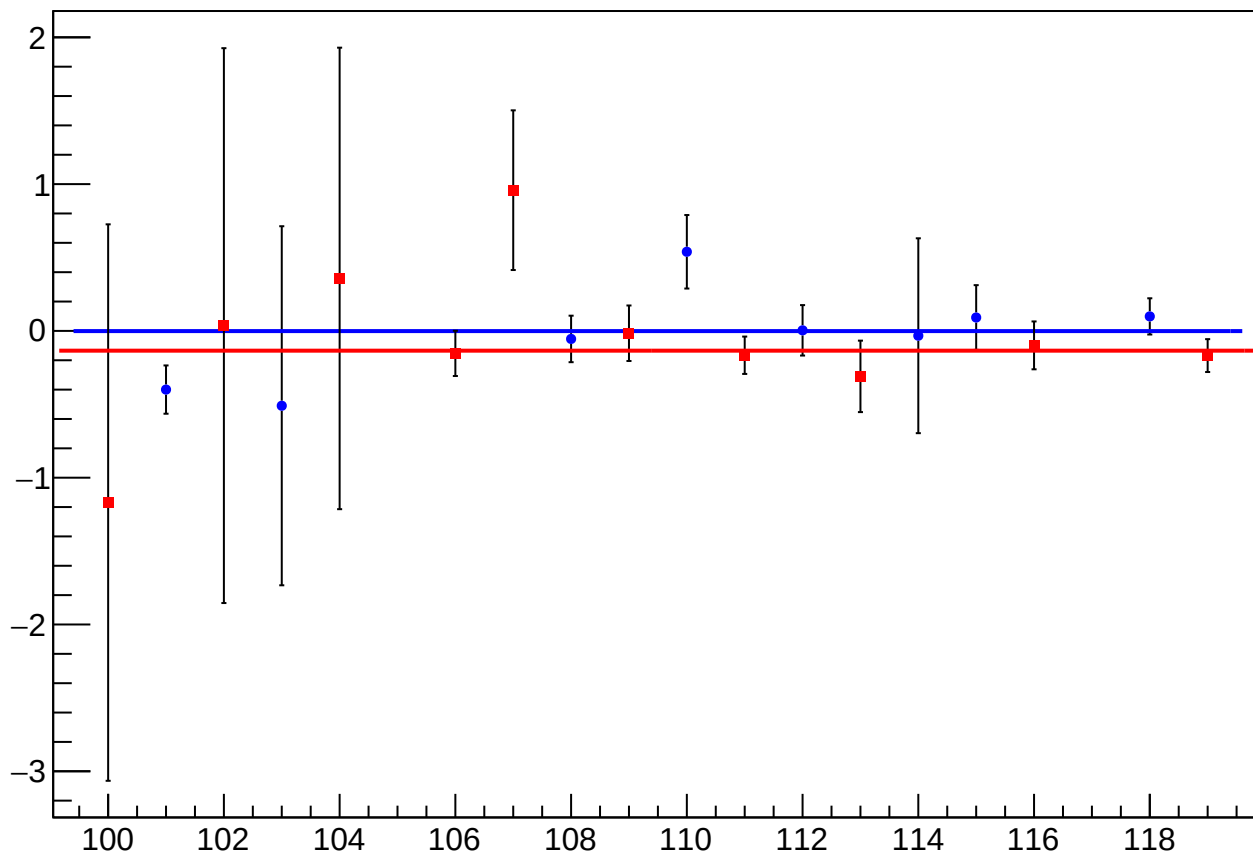
Right: 97.455+/-0.032 χ^2/NDF : 3254739.9/17

In: 103.929+/-0.048 χ^2/NDF : 1102937.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.455+/-0.032 χ^2/NDF : 3254739.9/17

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.068 χ^2 /NDF: 11.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.135 $\pm$ 0.061 χ^2 /NDF: 5.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

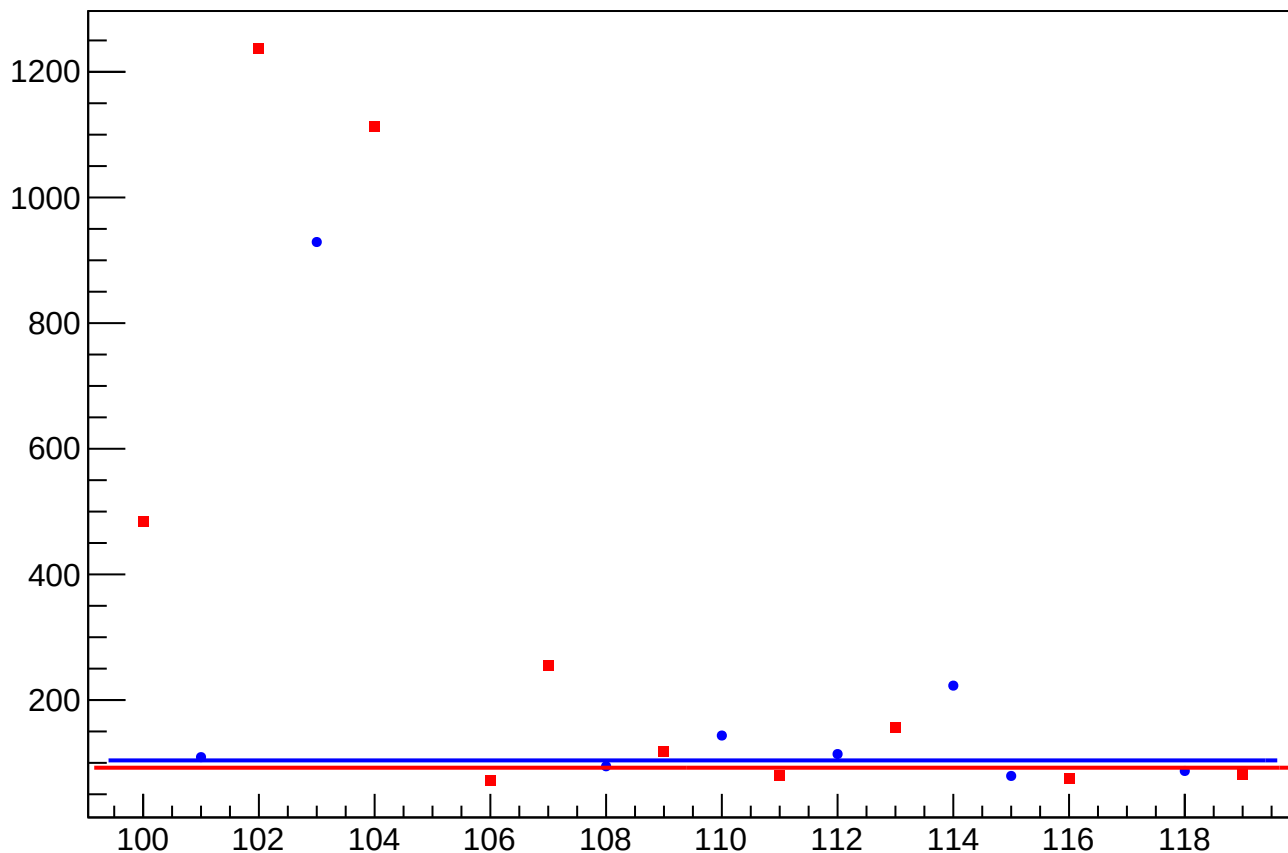
Right: -0.075 $\pm$ 0.045 χ^2 /NDF: 19.4/17

In: -0.001 $\pm$ 0.068 χ^2 /NDF:11.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.075 $\pm$ 0.045 χ^2 /NDF: 19.4/17

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.929+/-0.048 χ^2/NDF : 1102937.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.288+/-0.043 χ^2/NDF : 2119267.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

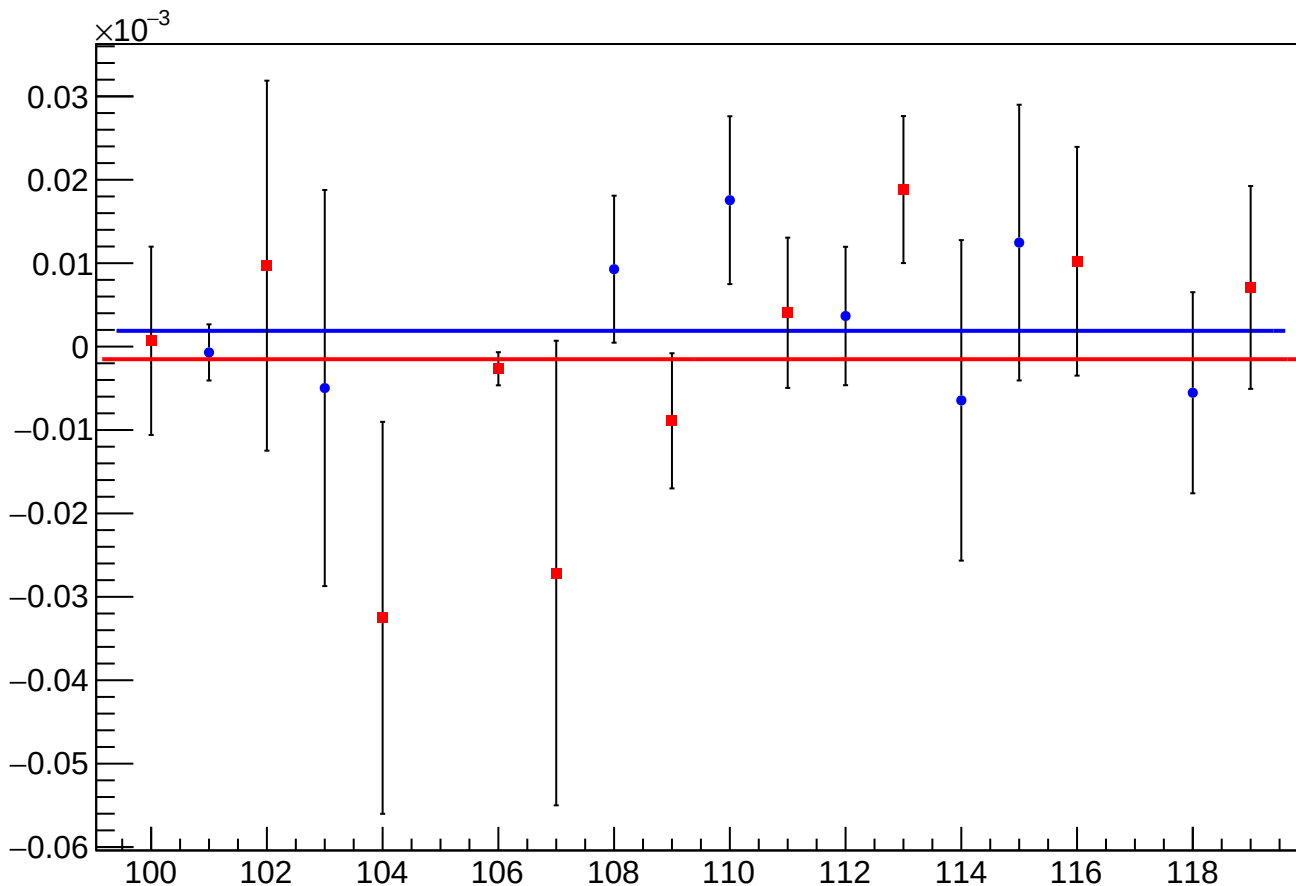
Right: 97.455+/-0.032 χ^2/NDF : 3254739.9/17

In: 103.929+/-0.048 χ^2/NDF : 1102937.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.455+/-0.032 χ^2/NDF : 3254739.9/17

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 : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

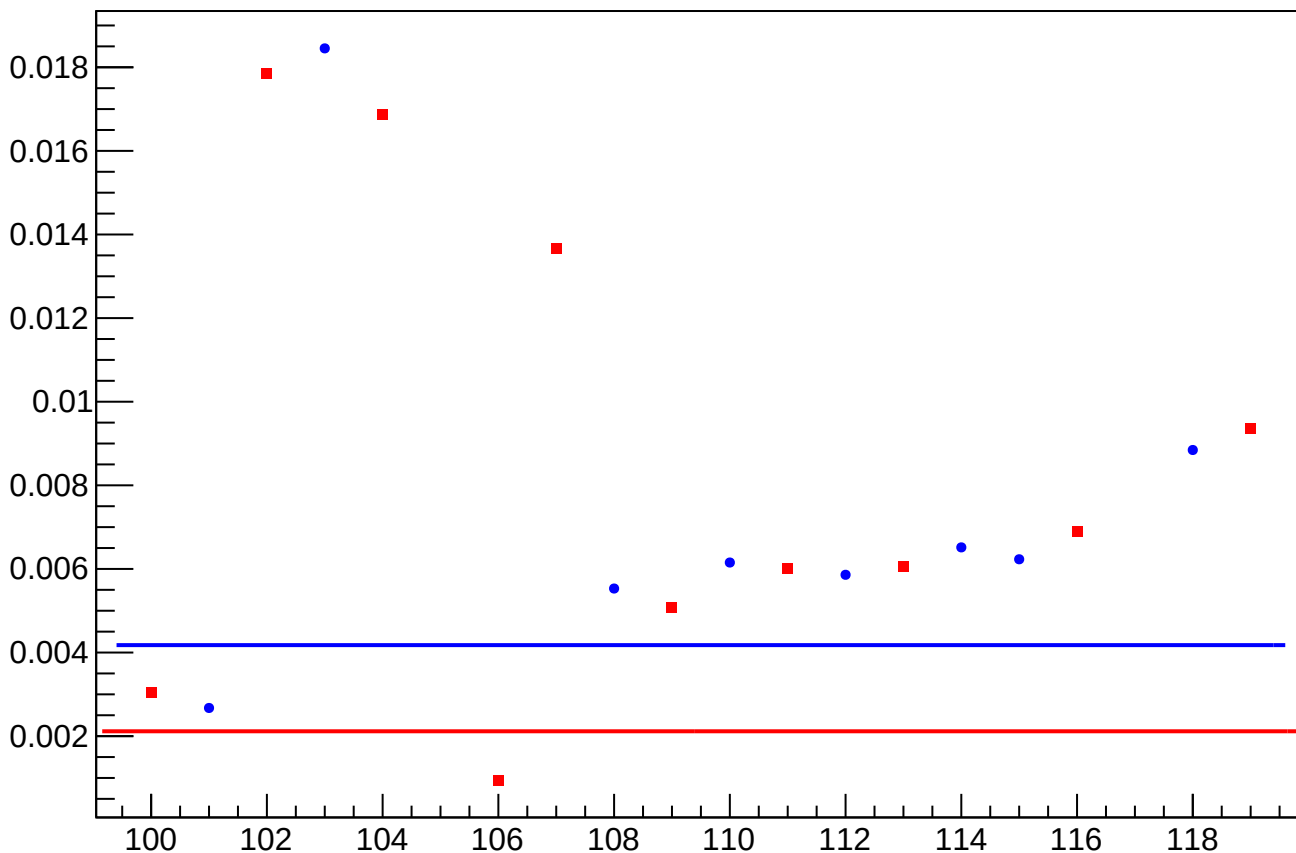
Right: -0.000+/-0.000 χ^2/NDF : 16.9/17

In: 0.000+/-0.000 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.9/17

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1688703.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4861585.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

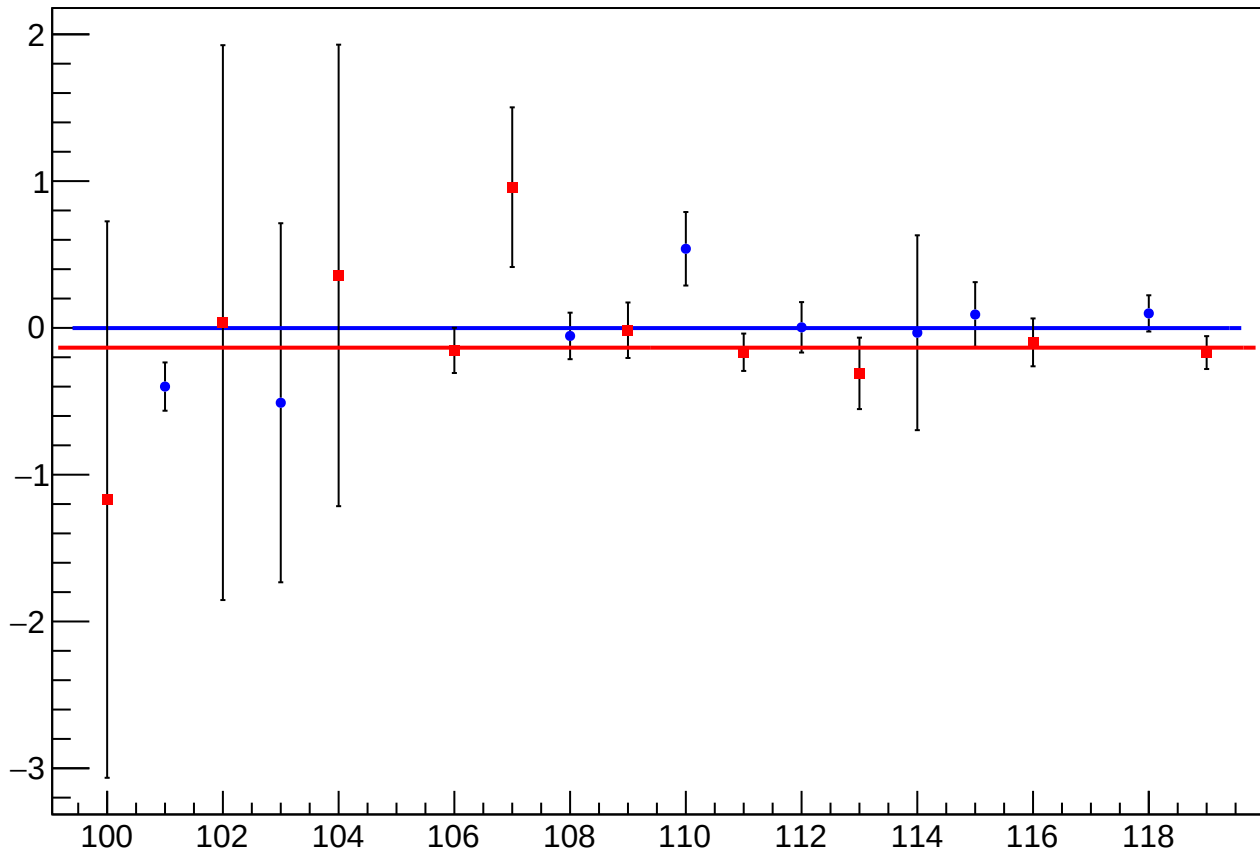
Right: 0.003+/-0.000 χ^2/NDF : 7379013.8/17

In: 0.004+/-0.000 χ^2/NDF :1688703.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7379013.8/17

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001+/-0.068 χ^2/NDF : 11.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.135+/-0.061 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

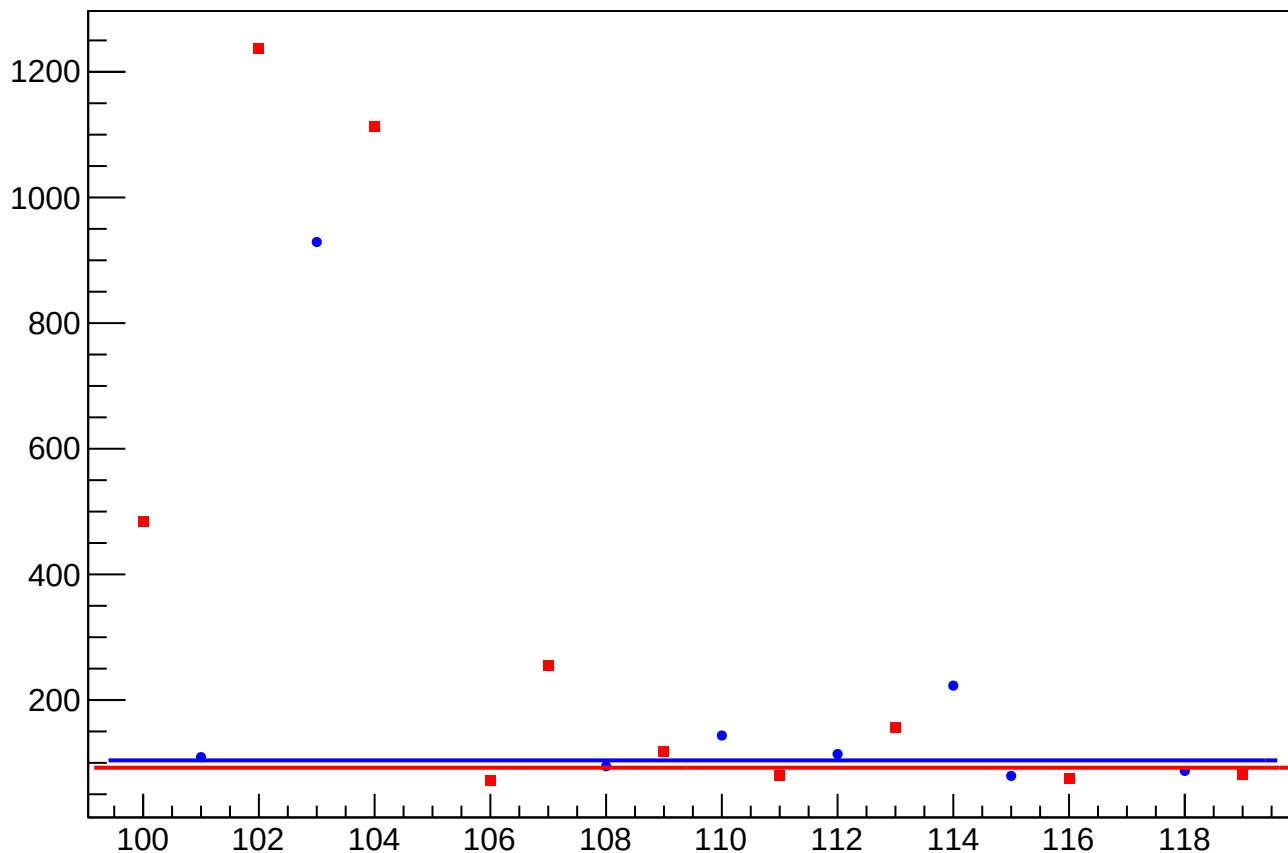
Right: -0.075+/-0.045 χ^2/NDF : 19.4/17

In: -0.001+/-0.068 χ^2/NDF :11.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.075+/-0.045 χ^2/NDF : 19.4/17

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.928+/-0.048 χ^2/NDF : 1102949.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.286+/-0.043 χ^2/NDF : 2119258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

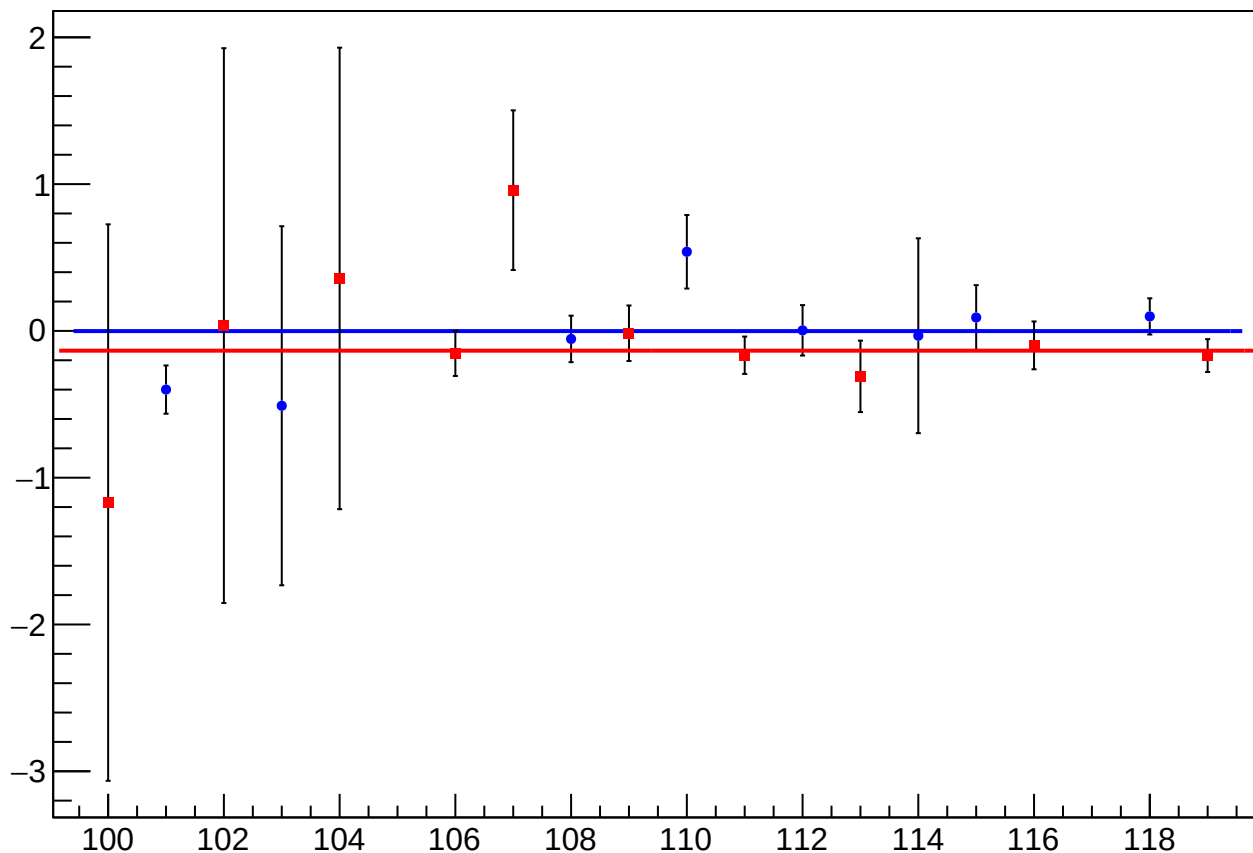
Right: 97.453+/-0.032 χ^2/NDF : 3254749.3/17

In: 103.928+/-0.048 χ^2/NDF : 1102949.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.453+/-0.032 χ^2/NDF : 3254749.3/17

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.068 χ^2 /NDF: 11.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.135 $\pm$ 0.061 χ^2 /NDF: 5.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

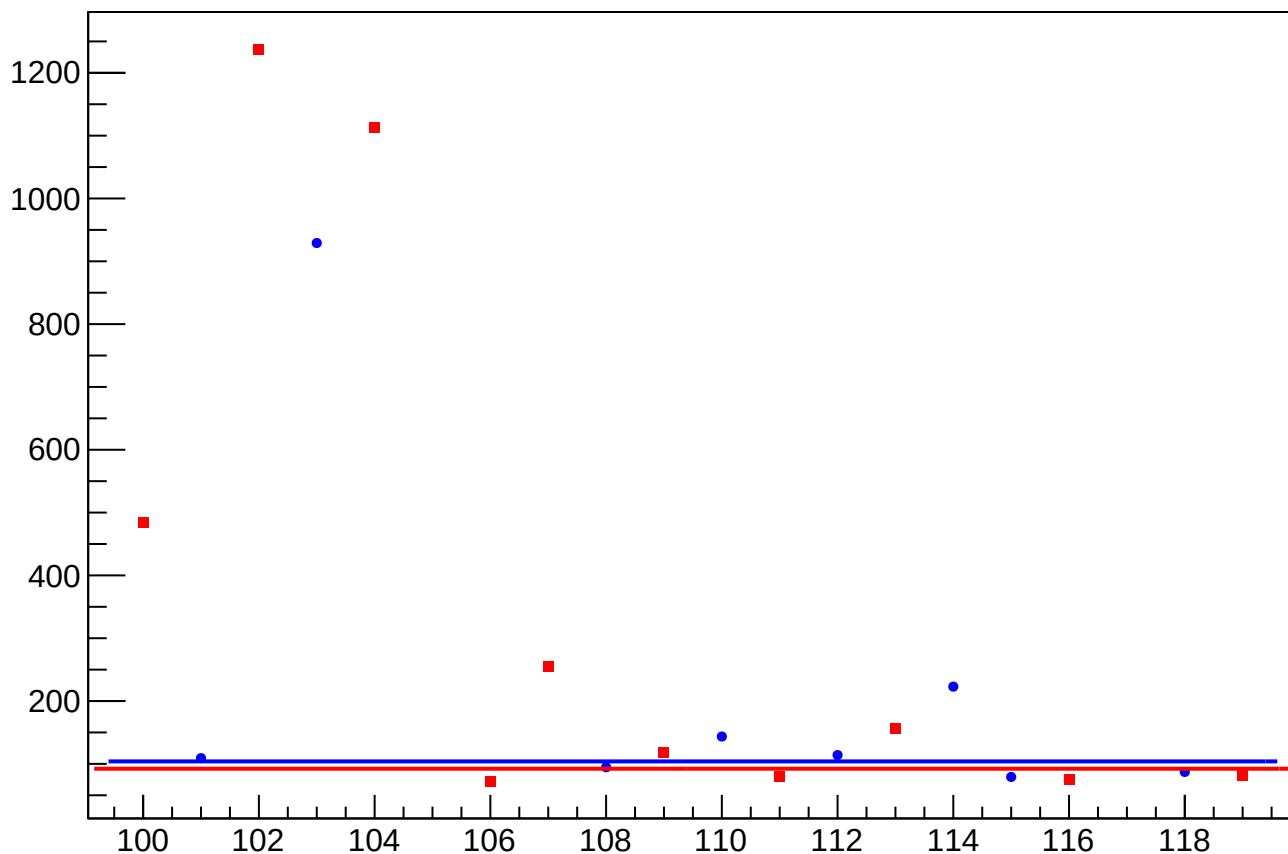
Right: -0.075 $\pm$ 0.045 χ^2 /NDF: 19.4/17

In: -0.001 $\pm$ 0.068 χ^2 /NDF:11.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.075 $\pm$ 0.045 χ^2 /NDF: 19.4/17

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 103.928+/-0.048 χ^2/NDF : 1102949.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.286+/-0.043 χ^2/NDF : 2119258.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

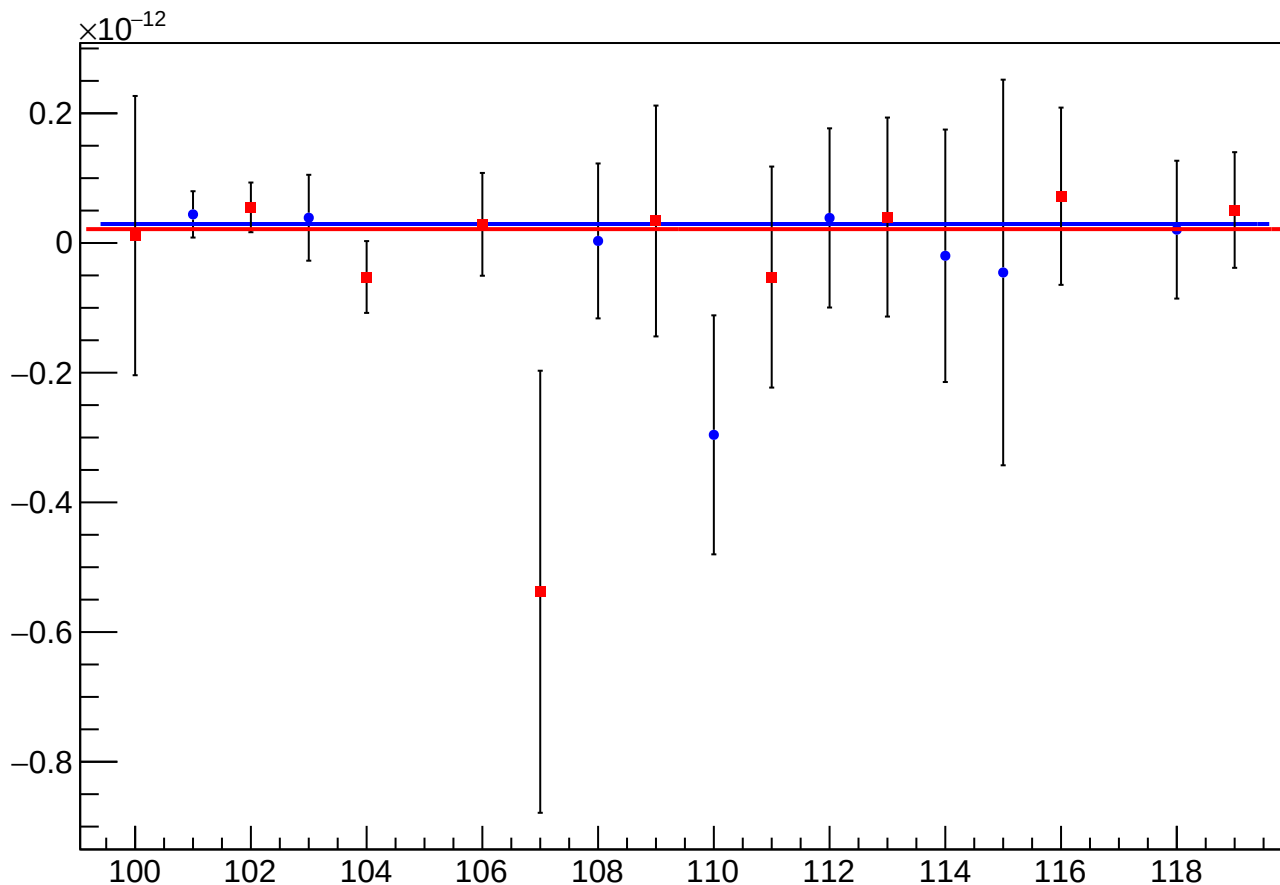
Right: 97.453+/-0.032 χ^2/NDF : 3254749.3/17

In: 103.928+/-0.048 χ^2/NDF : 1102949.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.453+/-0.032 χ^2/NDF : 3254749.3/17

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

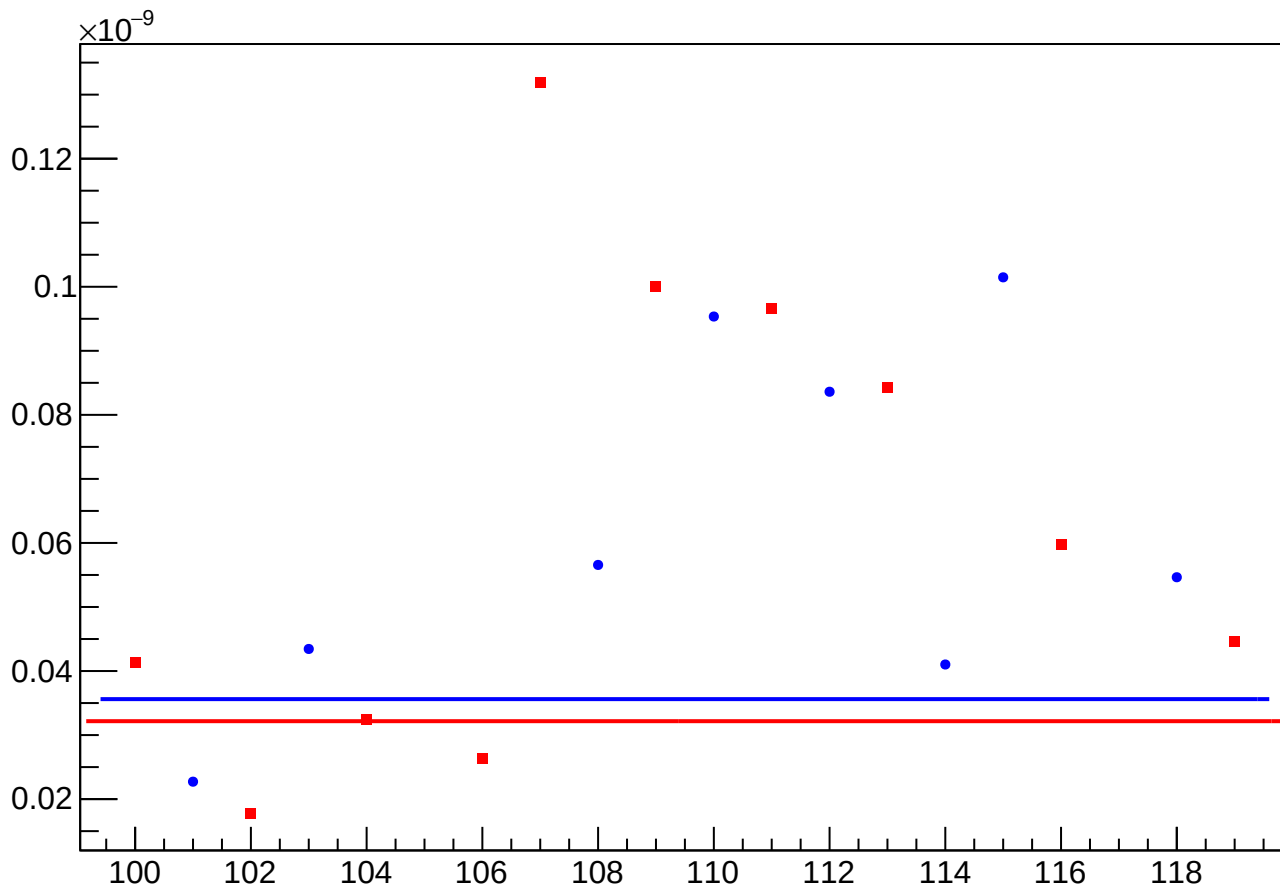
Right: 0.000+/-0.000 χ^2/NDF : 9.2/17

In: 0.000+/-0.000 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.2/17

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 : 965221.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1396155.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

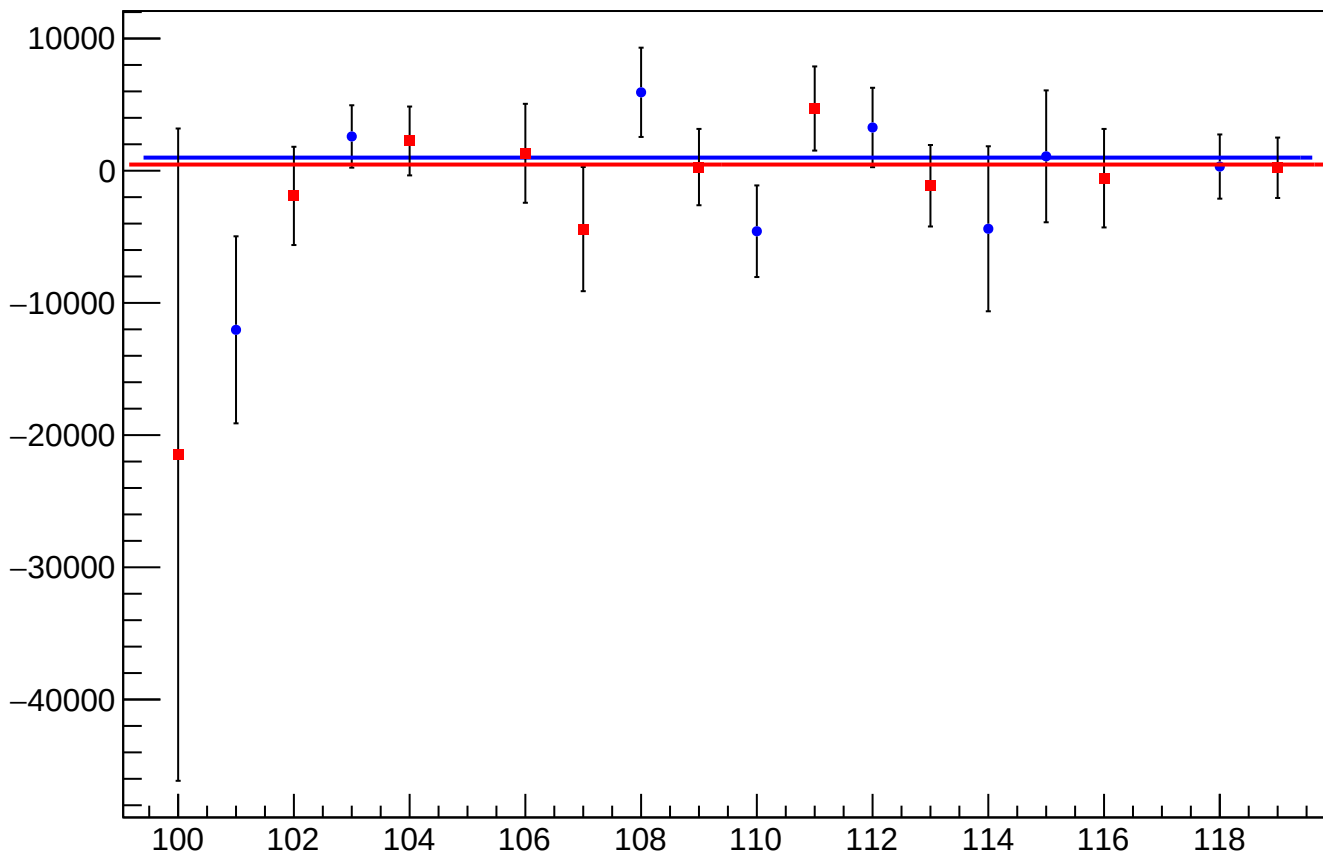
Right: 0.000+/-0.000 χ^2/NDF : 2377745.8/17

In: 0.000+/-0.000 χ^2/NDF : 965221.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2377745.8/17

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 991.268+/-1181.112 χ^2/NDF : 10.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.793+/-1039.342 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

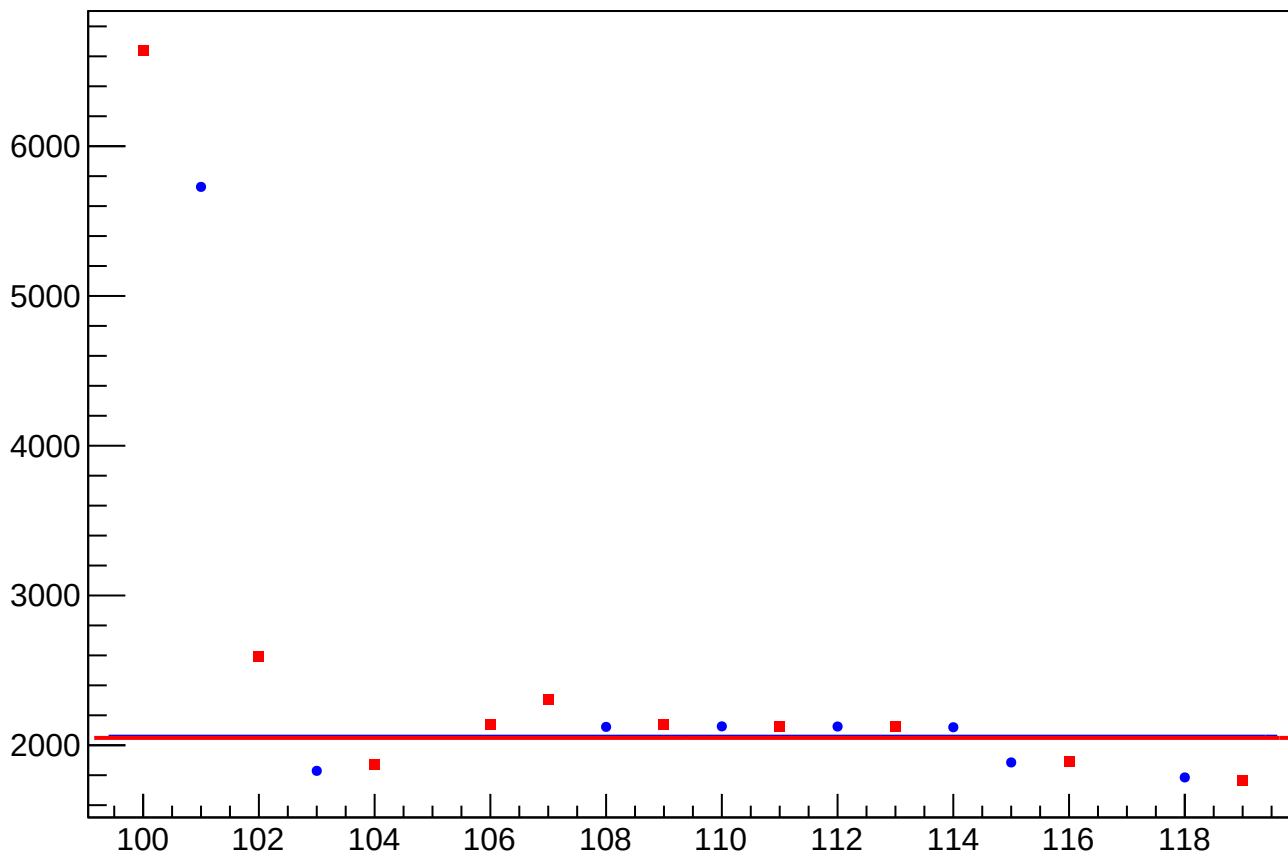
Right: 695.680+/-780.260 χ^2/NDF : 15.0/17

In: 991.268+/-1181.112 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 695.680+/-780.260 χ^2/NDF : 15.0/17

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2057.205+/-0.835 χ^2/NDF : 587551.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2049.055+/-0.735 χ^2/NDF : 167652.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

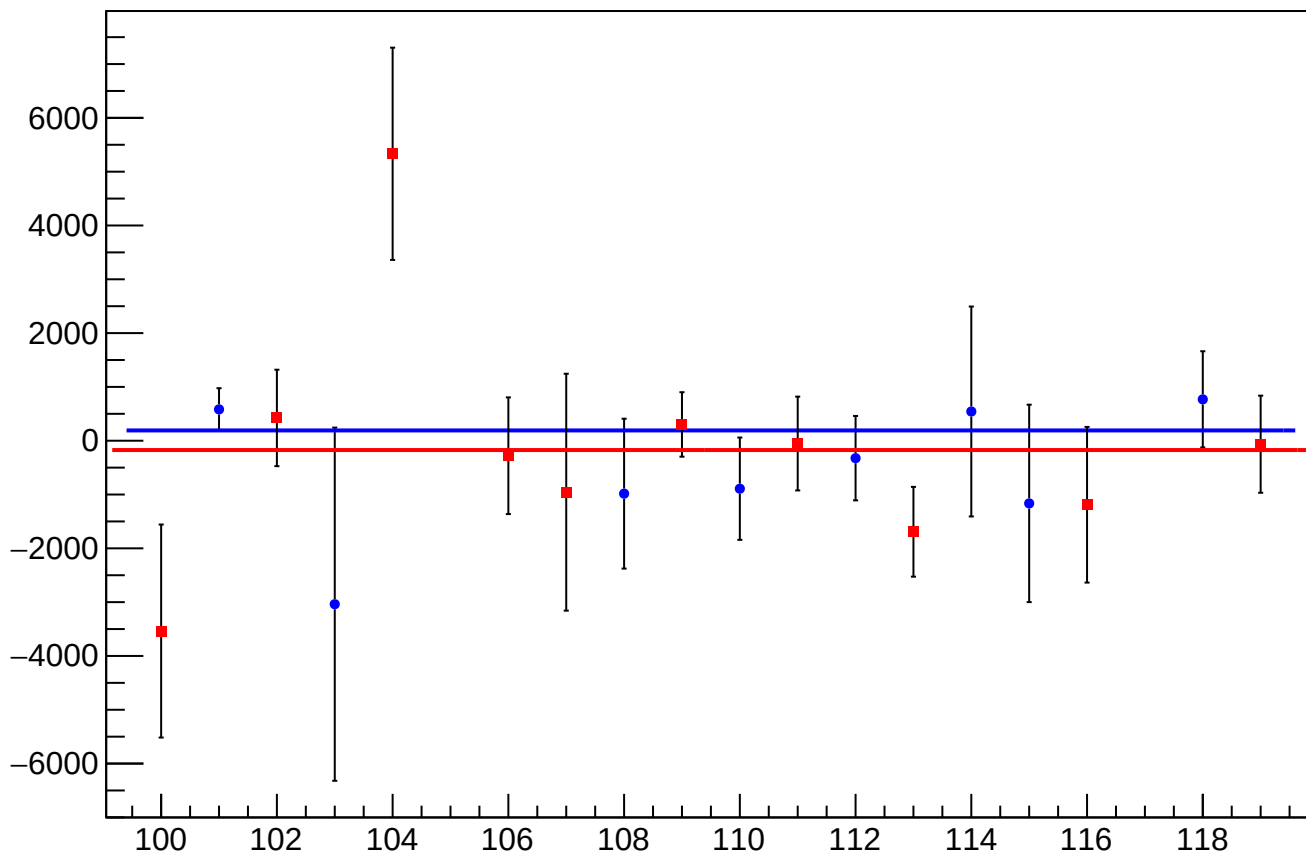
Right: 2052.612+/-0.552 χ^2/NDF : 755257.8/17

In: 2057.205+/-0.835 χ^2/NDF : 587551.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.612+/-0.552 χ^2/NDF : 755257.8/17

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 191.203+/-293.473 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -173.435+/-315.302 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

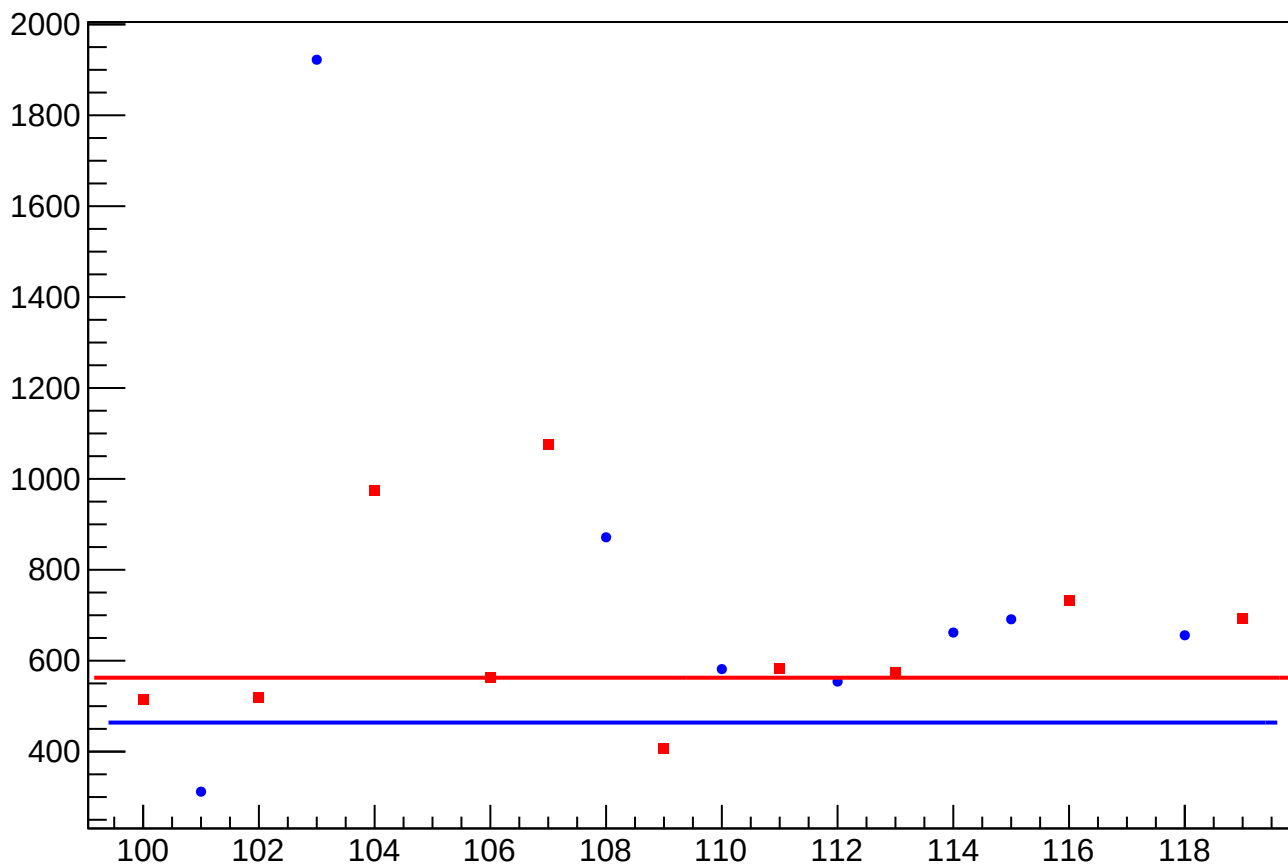
Right: 21.942+/-214.820 χ^2/NDF : 21.8/17

In: 191.203+/-293.473 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.942+/-214.820 χ^2/NDF : 21.8/17

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 463.902 $\pm$ 0.208 χ^2 /NDF: 1065469.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 562.570 $\pm$ 0.223 χ^2 /NDF: 407602.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

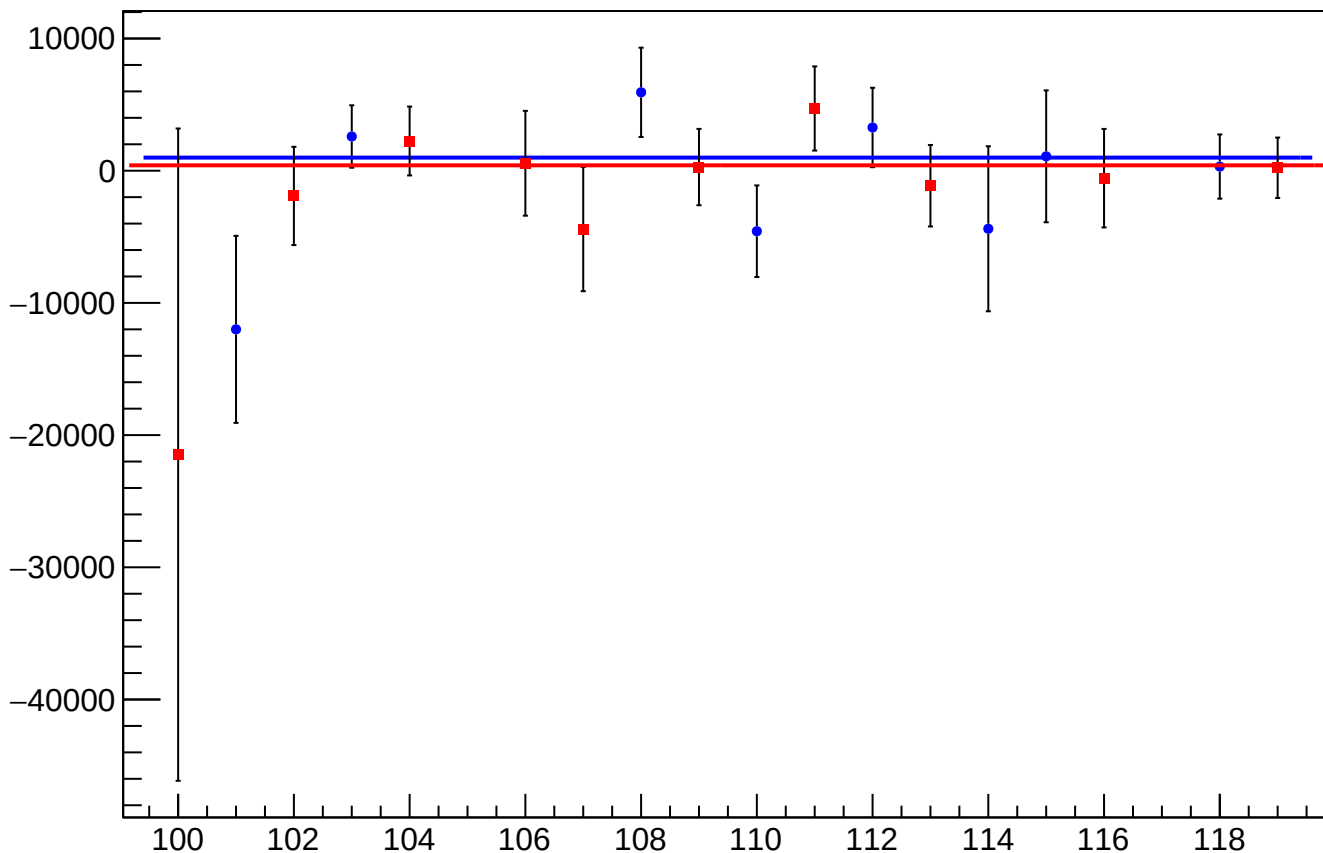
Right: 509.703 $\pm$ 0.152 χ^2 /NDF: 1578012.1/17

In: 463.902 $\pm$ 0.208 χ^2 /NDF:1065469.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 509.703 $\pm$ 0.152 χ^2 /NDF: 1578012.1/17

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 991.505+/-1181.112 χ^2/NDF : 10.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.928+/-1043.735 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

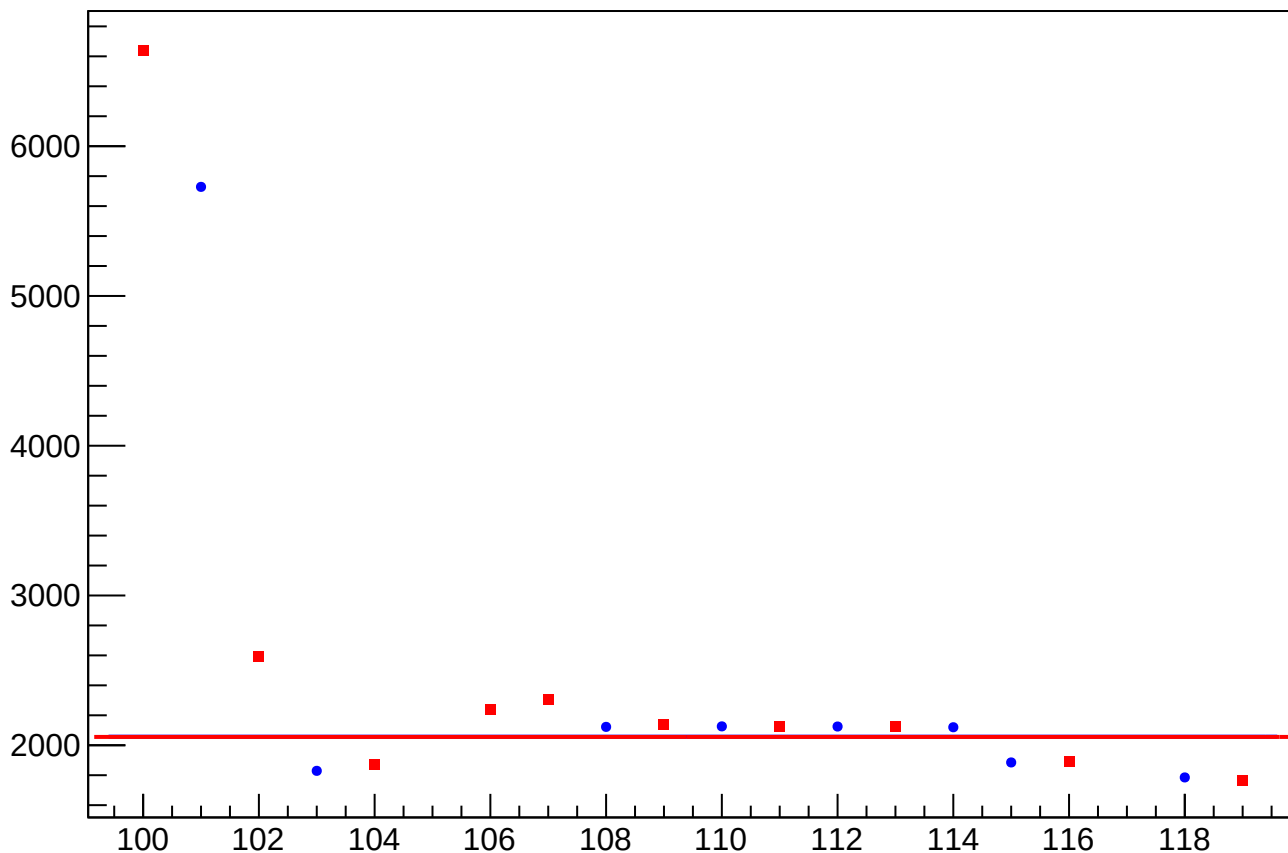
Right: 663.258+/-782.114 χ^2/NDF : 15.0/17

In: 991.505+/-1181.112 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.258+/-782.114 χ^2/NDF : 15.0/17

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2057.205+/-0.835 χ^2/NDF : 587552.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.599+/-0.738 χ^2/NDF : 171198.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

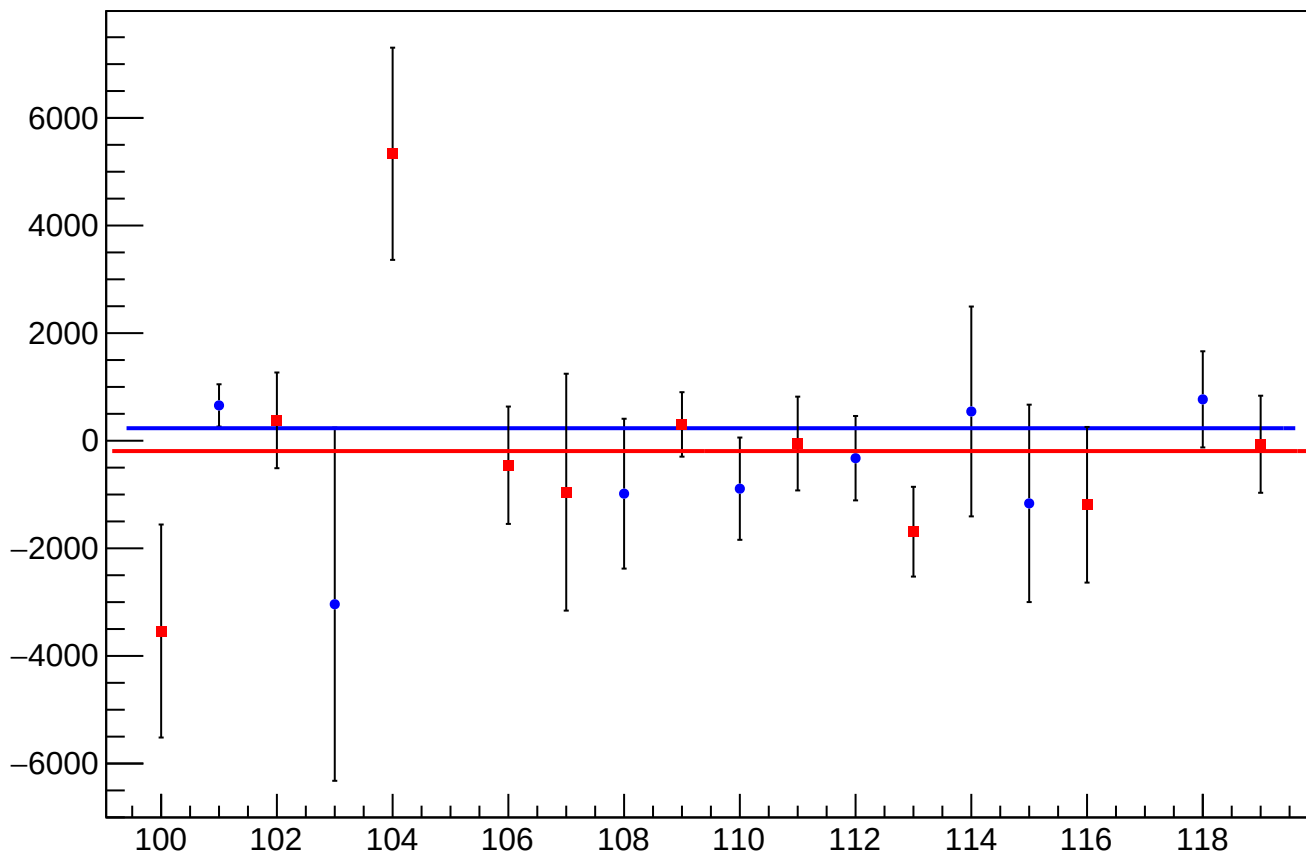
Right: 2056.303+/-0.553 χ^2/NDF : 758752.3/17

In: 2057.205+/-0.835 χ^2/NDF : 587552.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.303+/-0.553 χ^2/NDF : 758752.3/17

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.637+/-293.290 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.318+/-315.170 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

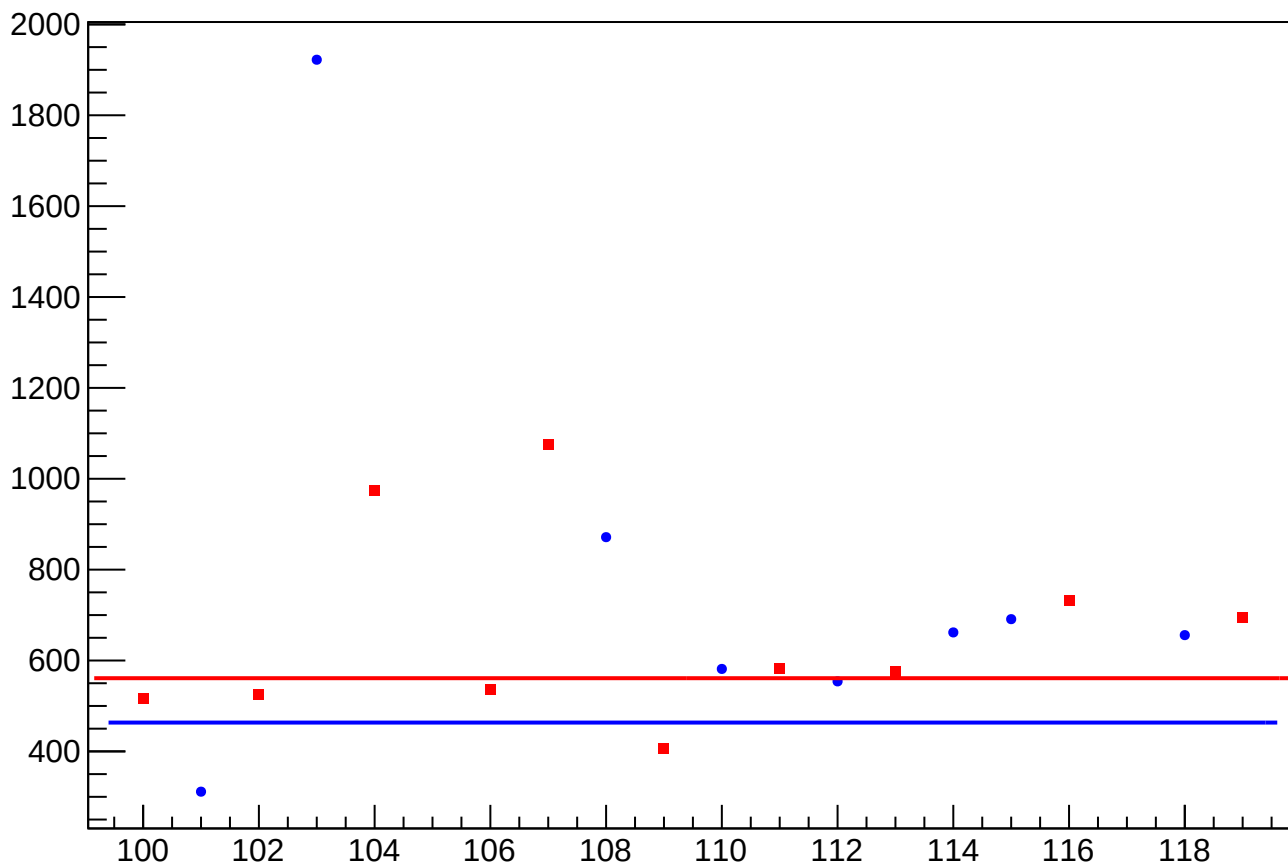
Right: 35.421+/-214.706 χ^2/NDF : 22.5/17

In: 232.637+/-293.290 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.421+/-214.706 χ^2/NDF : 22.5/17

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.433+/-0.207 χ^2/NDF : 1068009.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.084+/-0.223 χ^2/NDF : 407300.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

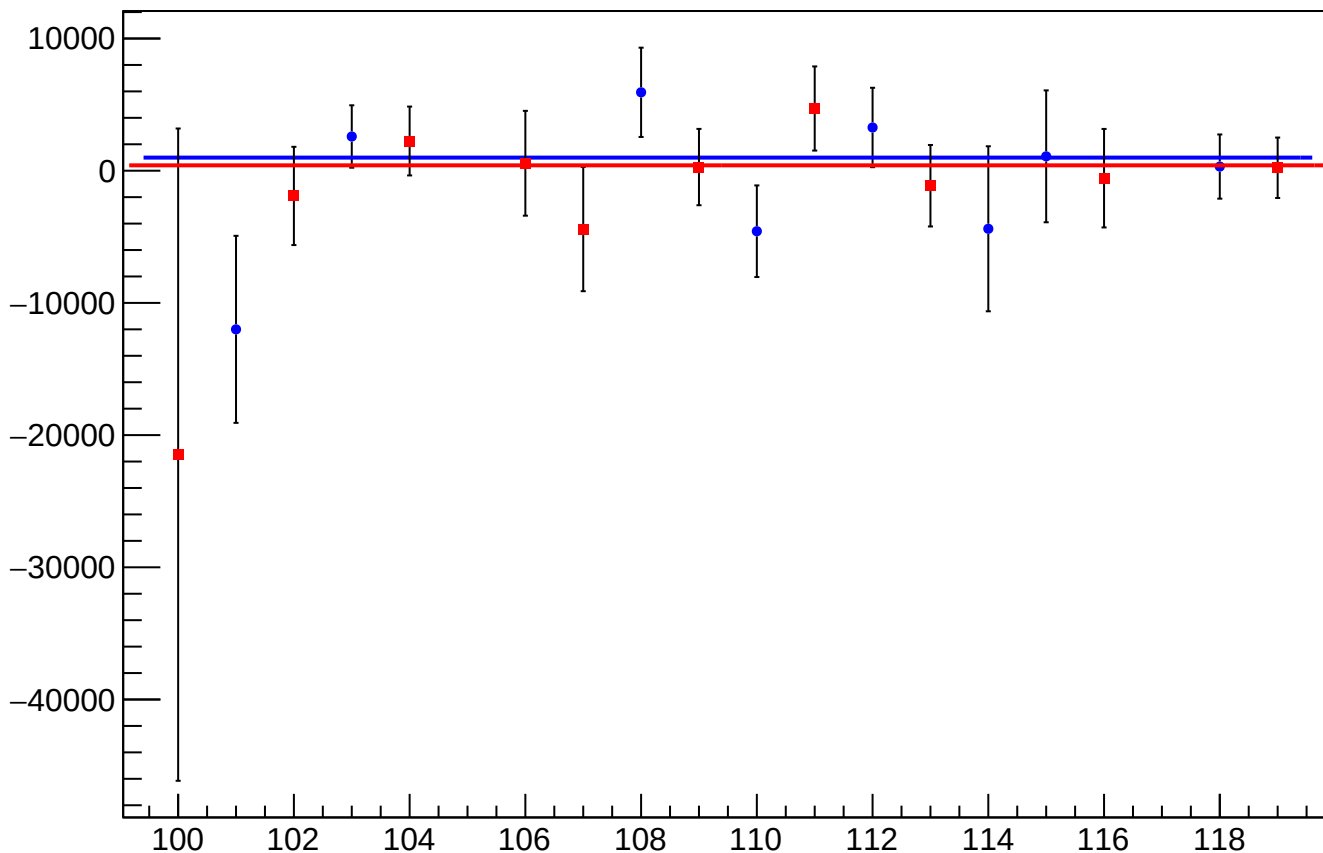
Right: 508.751+/-0.152 χ^2/NDF : 1578202.5/17

In: 463.433+/-0.207 χ^2/NDF : 1068009.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.751+/-0.152 χ^2/NDF : 1578202.5/17

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 991.505+/-1181.112 χ^2/NDF : 10.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.928+/-1043.735 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

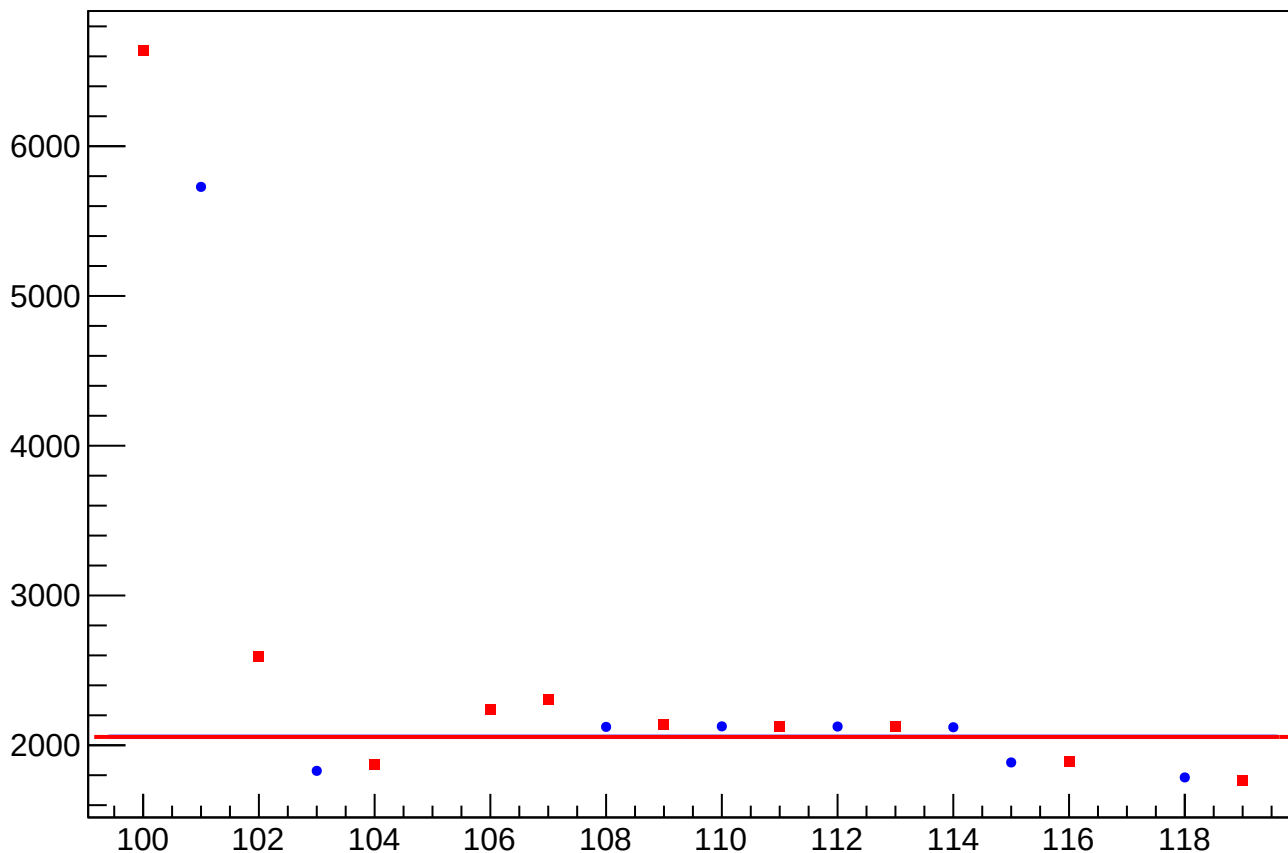
Right: 663.258+/-782.114 χ^2/NDF : 15.0/17

In: 991.505+/-1181.112 χ^2/NDF : 10.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.258+/-782.114 χ^2/NDF : 15.0/17

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2057.205+/-0.835 χ^2/NDF : 587552.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.599+/-0.738 χ^2/NDF : 171198.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

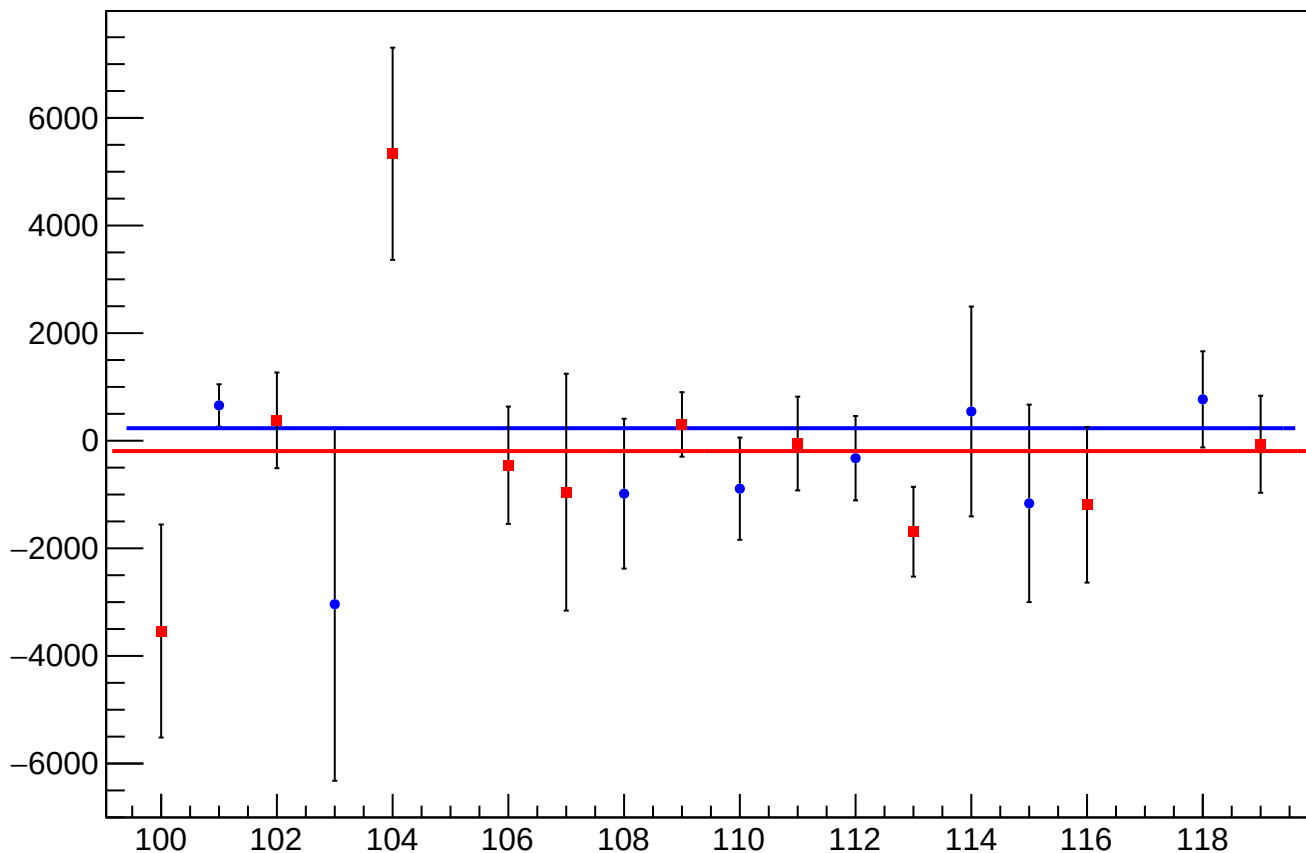
Right: 2056.303+/-0.553 χ^2/NDF : 758752.3/17

In: 2057.205+/-0.835 χ^2/NDF : 587552.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.303+/-0.553 χ^2/NDF : 758752.3/17

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.637+/-293.290 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.318+/-315.170 χ^2/NDF : 15.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

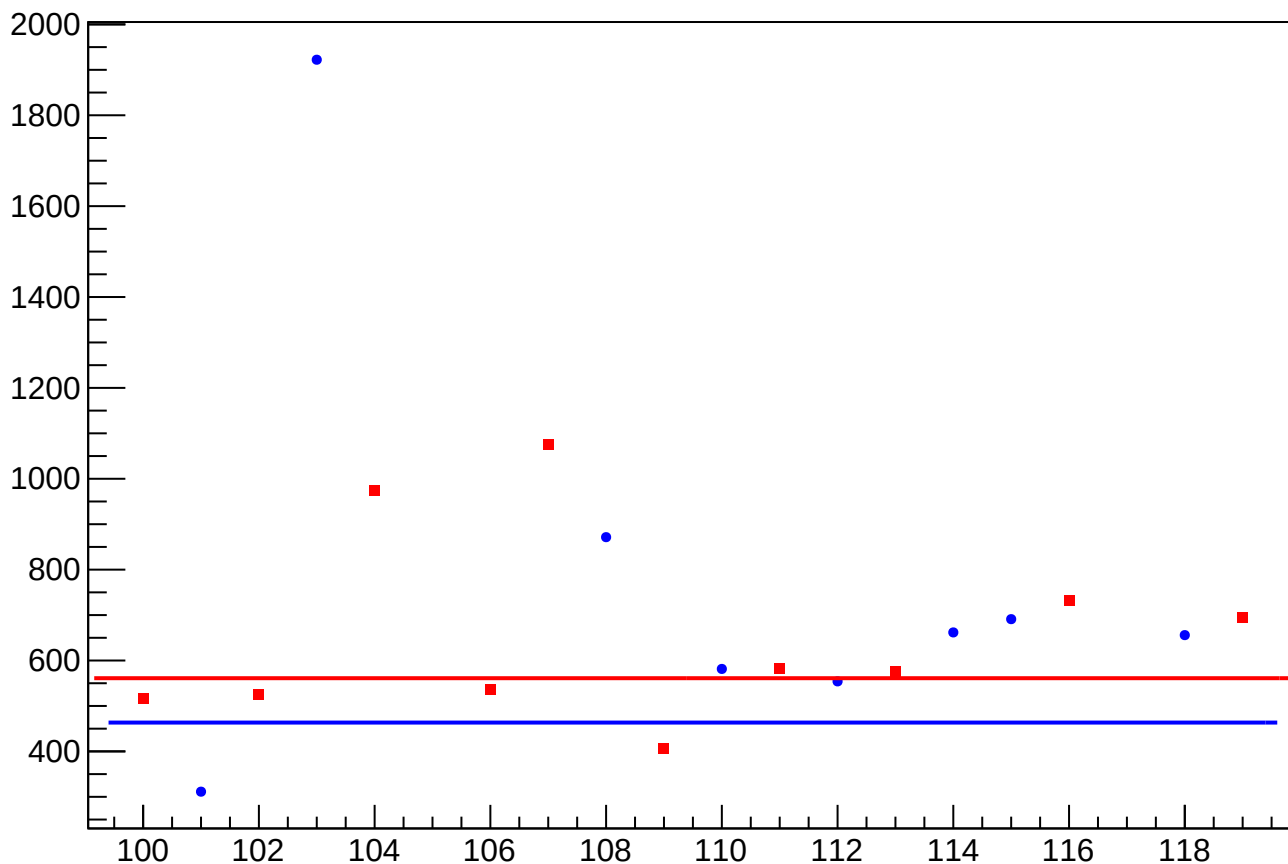
Right: 35.421+/-214.706 χ^2/NDF : 22.5/17

In: 232.637+/-293.290 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.421+/-214.706 χ^2/NDF : 22.5/17

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 463.433+/-0.207 χ^2/NDF : 1068009.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.084+/-0.223 χ^2/NDF : 407300.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

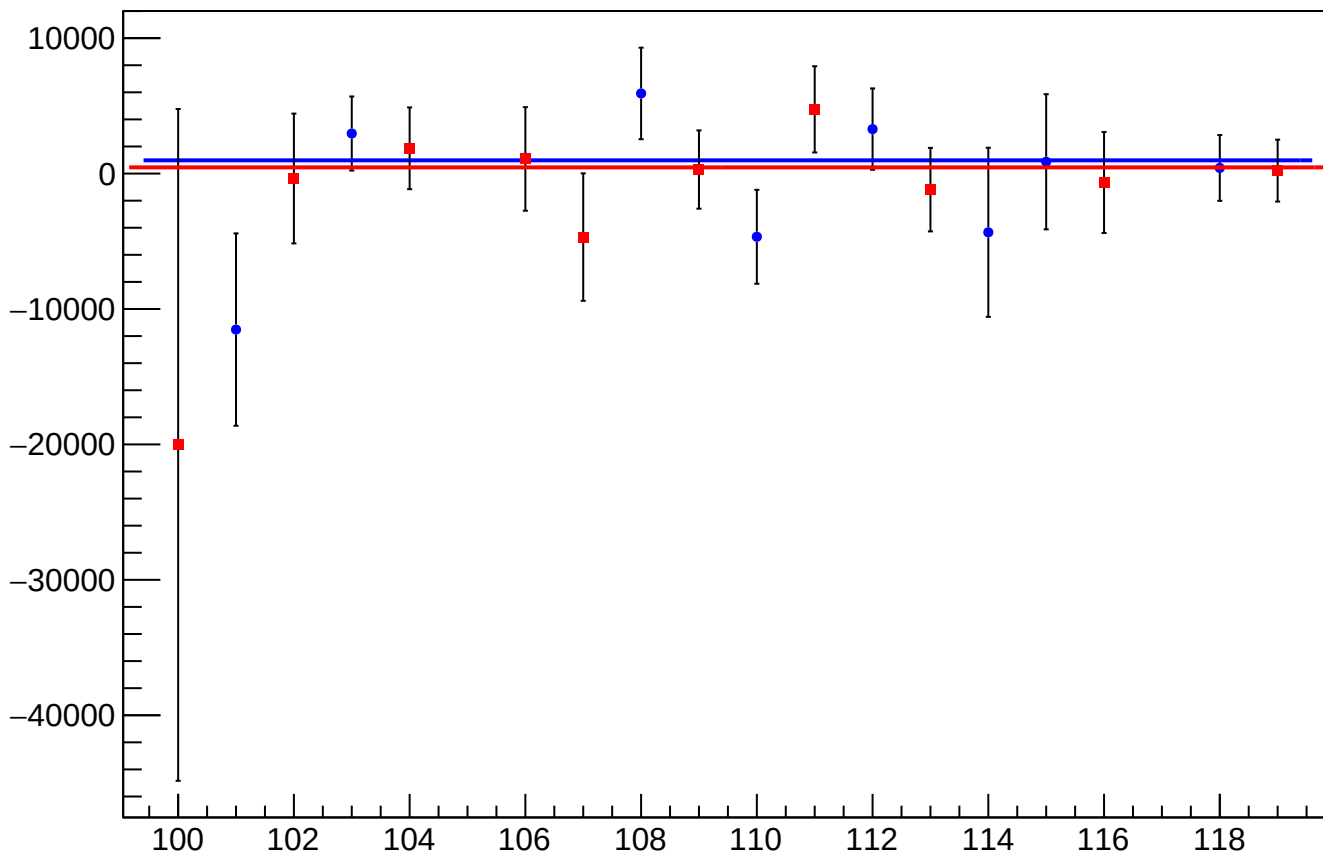
Right: 508.751+/-0.152 χ^2/NDF : 1578202.5/17

In: 463.433+/-0.207 χ^2/NDF : 1068009.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.751+/-0.152 χ^2/NDF : 1578202.5/17

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 977.696+/-1221.476 χ^2/NDF : 9.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 458.016+/-1081.341 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

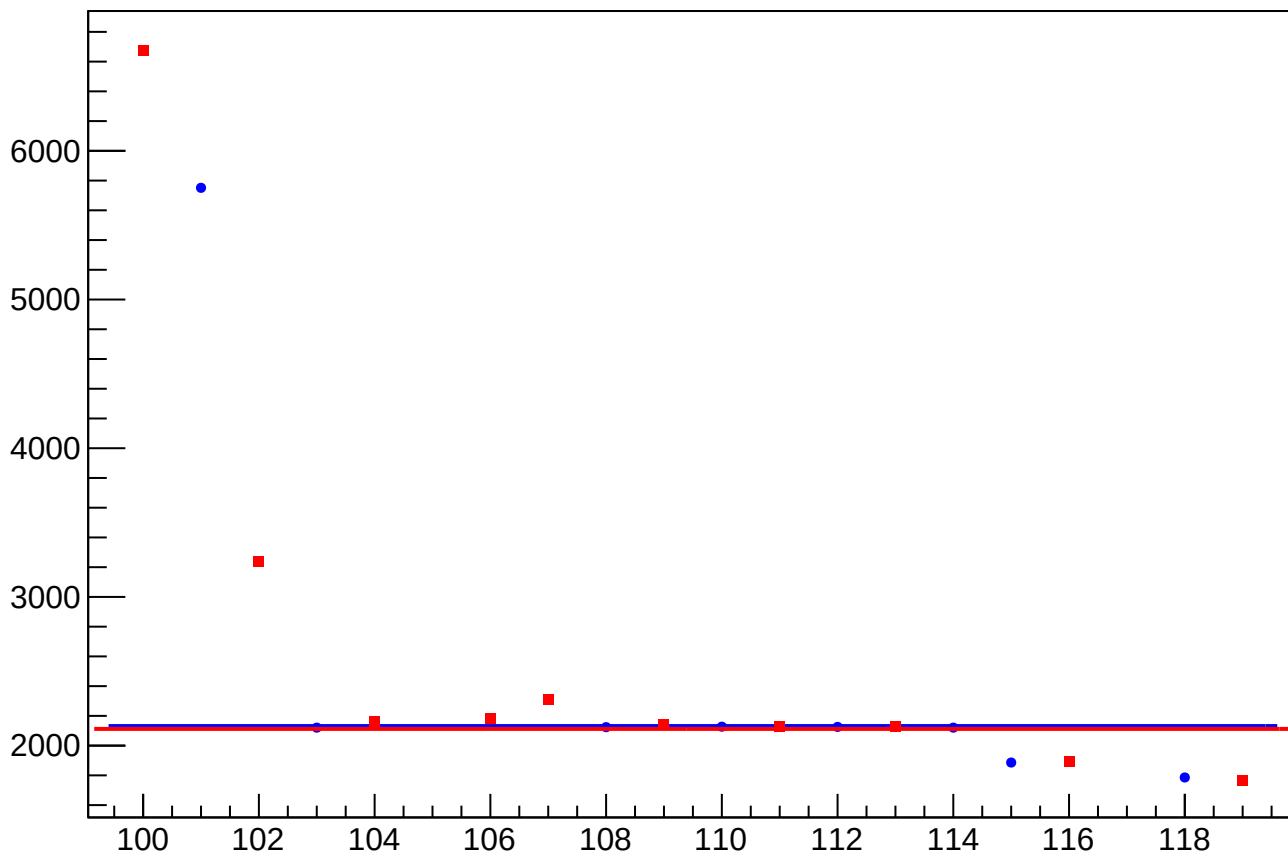
Right: 686.348+/-809.656 χ^2/NDF : 14.2/17

In: 977.696+/-1221.476 χ^2/NDF : 9.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.348+/-809.656 χ^2/NDF : 14.2/17

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2131.521+/-0.864 χ^2/NDF : 564739.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.400+/-0.765 χ^2/NDF : 235804.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

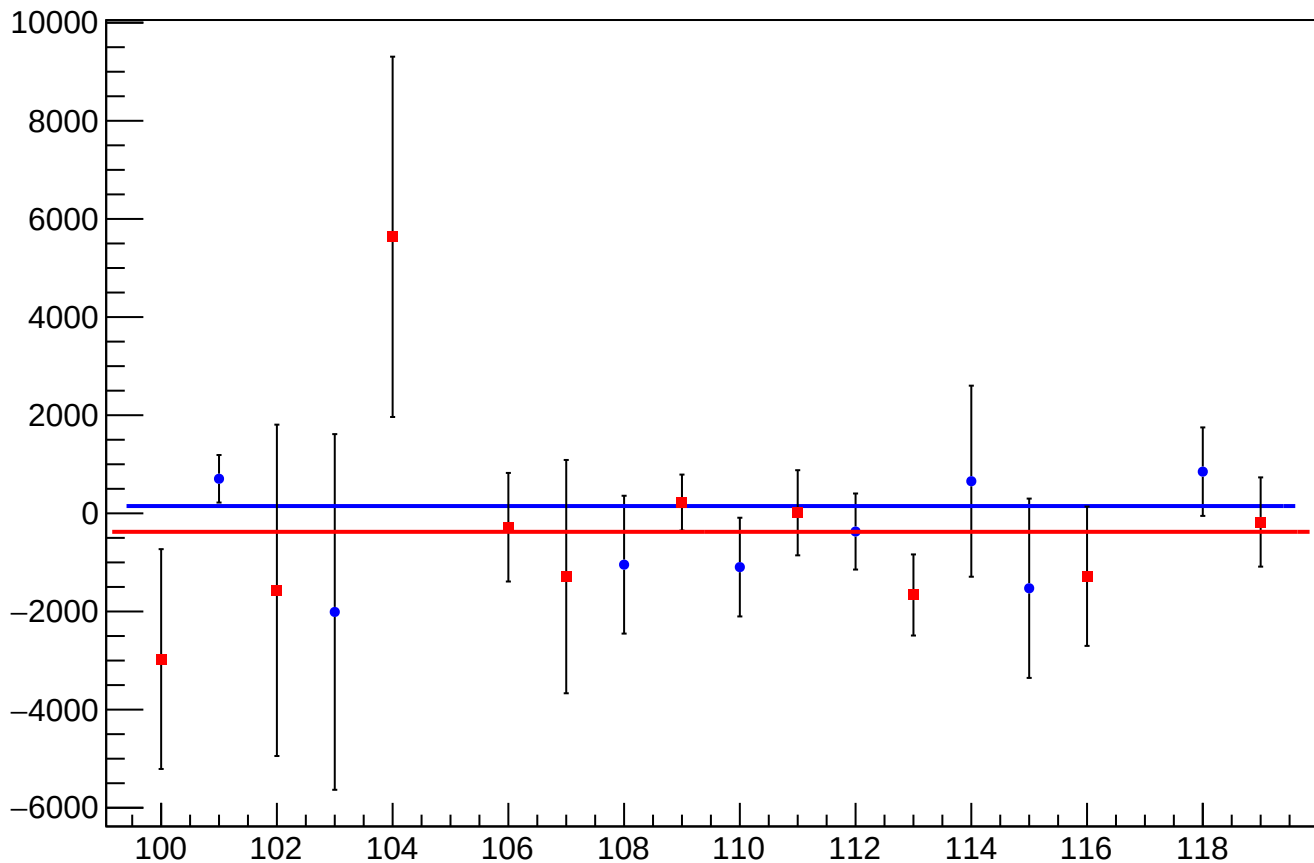
Right: 2120.801+/-0.573 χ^2/NDF : 800818.2/17

In: 2131.521+/-0.864 χ^2/NDF : 564739.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2120.801+/-0.573 χ^2/NDF : 800818.2/17

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 148.740+/-328.021 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -376.547+/-334.649 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

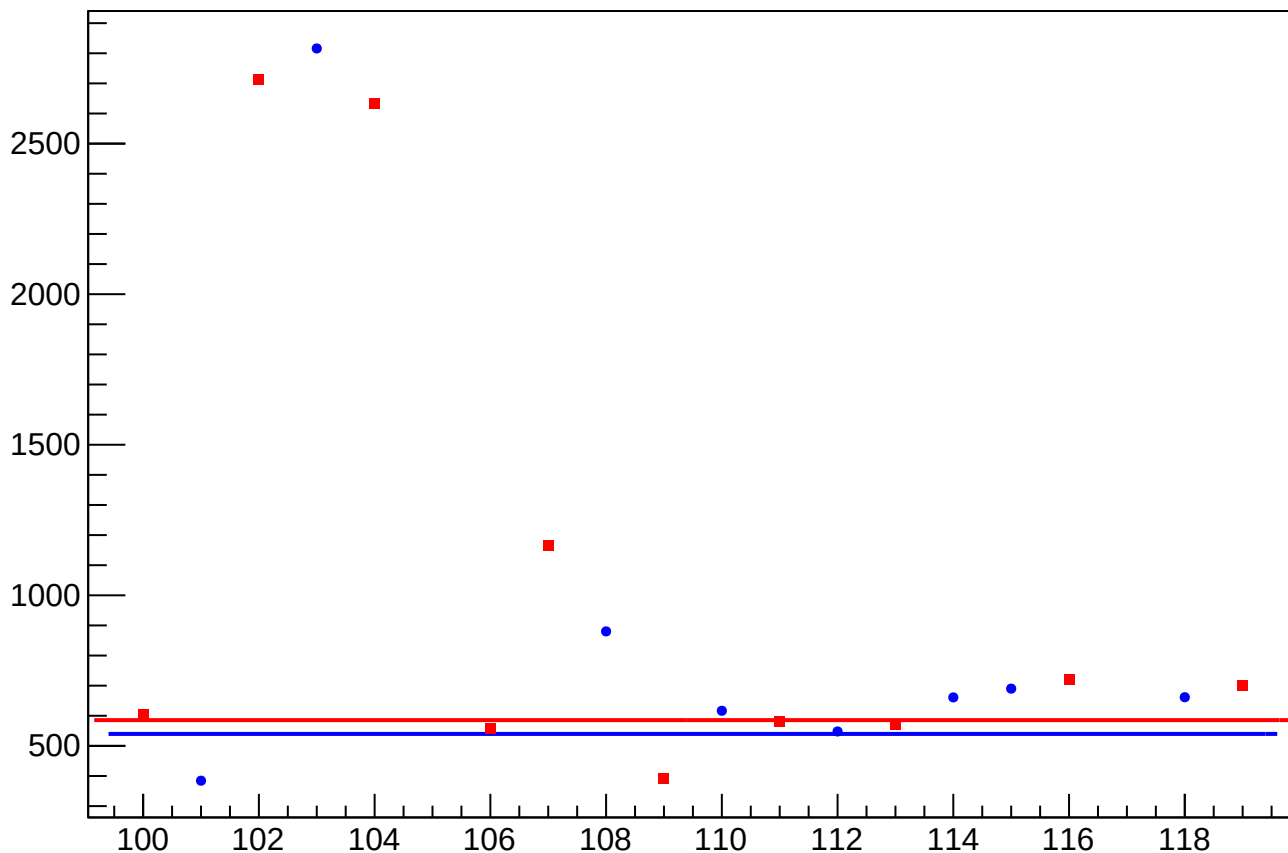
Right: -108.650+/-234.254 χ^2/NDF : 15.6/17

In: 148.740+/-328.021 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.650+/-234.254 χ^2/NDF : 15.6/17

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 539.703+/-0.232 χ^2/NDF : 1182027.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.547+/-0.237 χ^2/NDF : 1819619.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

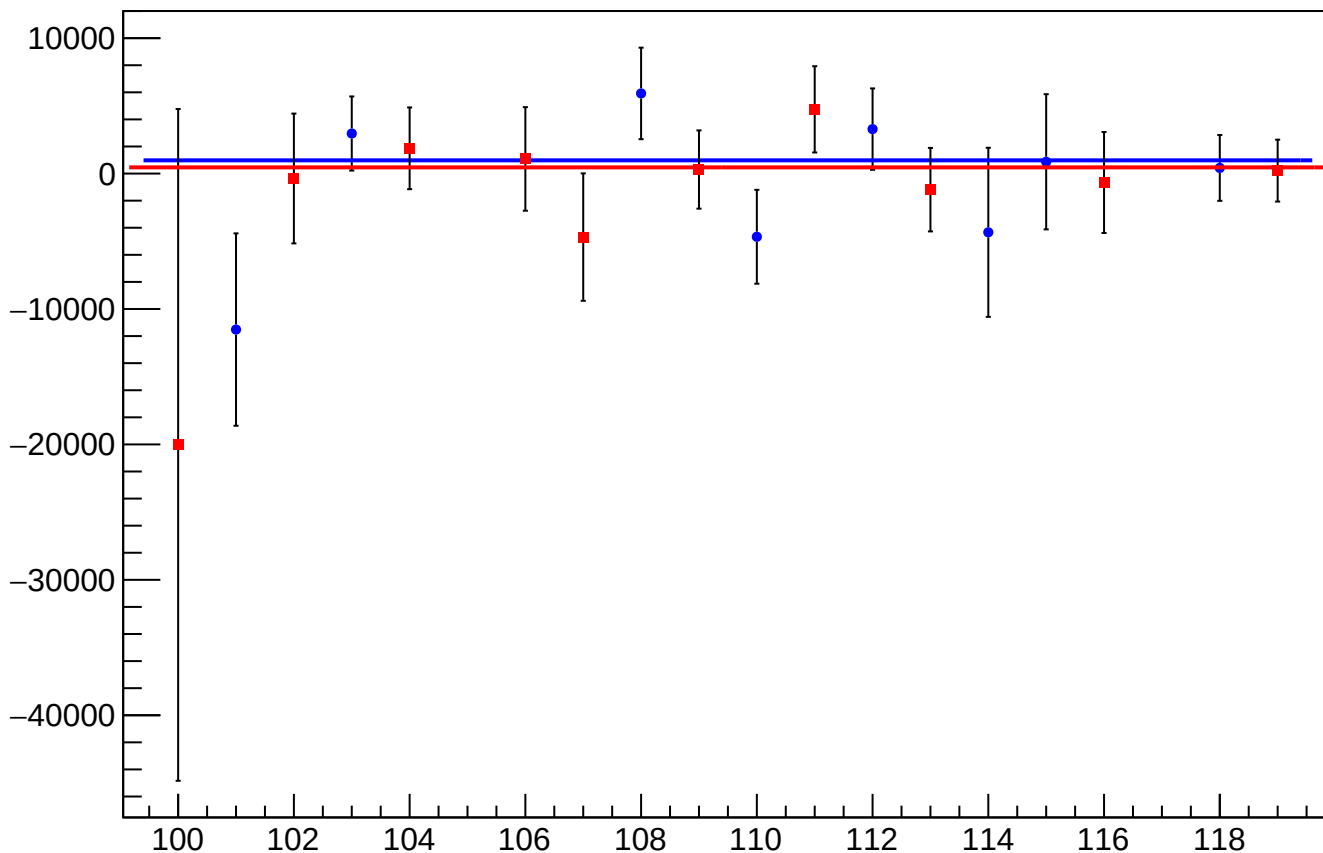
Right: 562.166+/-0.166 χ^2/NDF : 3020789.5/17

In: 539.703+/-0.232 χ^2/NDF : 1182027.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.166+/-0.166 χ^2/NDF : 3020789.5/17

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 977.699+/-1221.475 χ^2 /NDF: 9.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 458.019+/-1081.341 χ^2 /NDF: 4.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

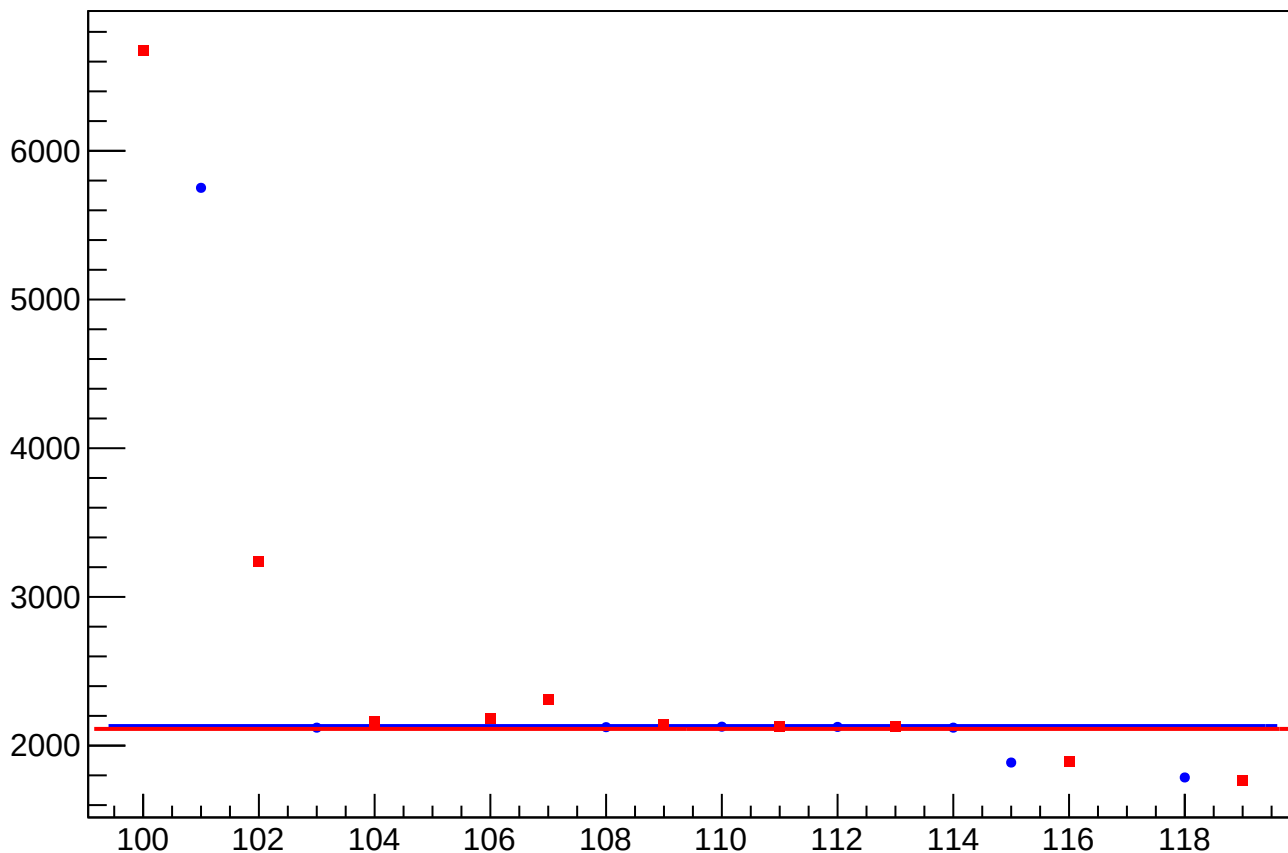
Right: 686.352+/-809.656 χ^2 /NDF: 14.2/17

In: 977.699+/-1221.475 χ^2 /NDF:9.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 686.352+/-809.656 χ^2 /NDF: 14.2/17

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2131.520+/-0.864 χ^2/NDF : 564739.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2112.400+/-0.765 χ^2/NDF : 235803.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

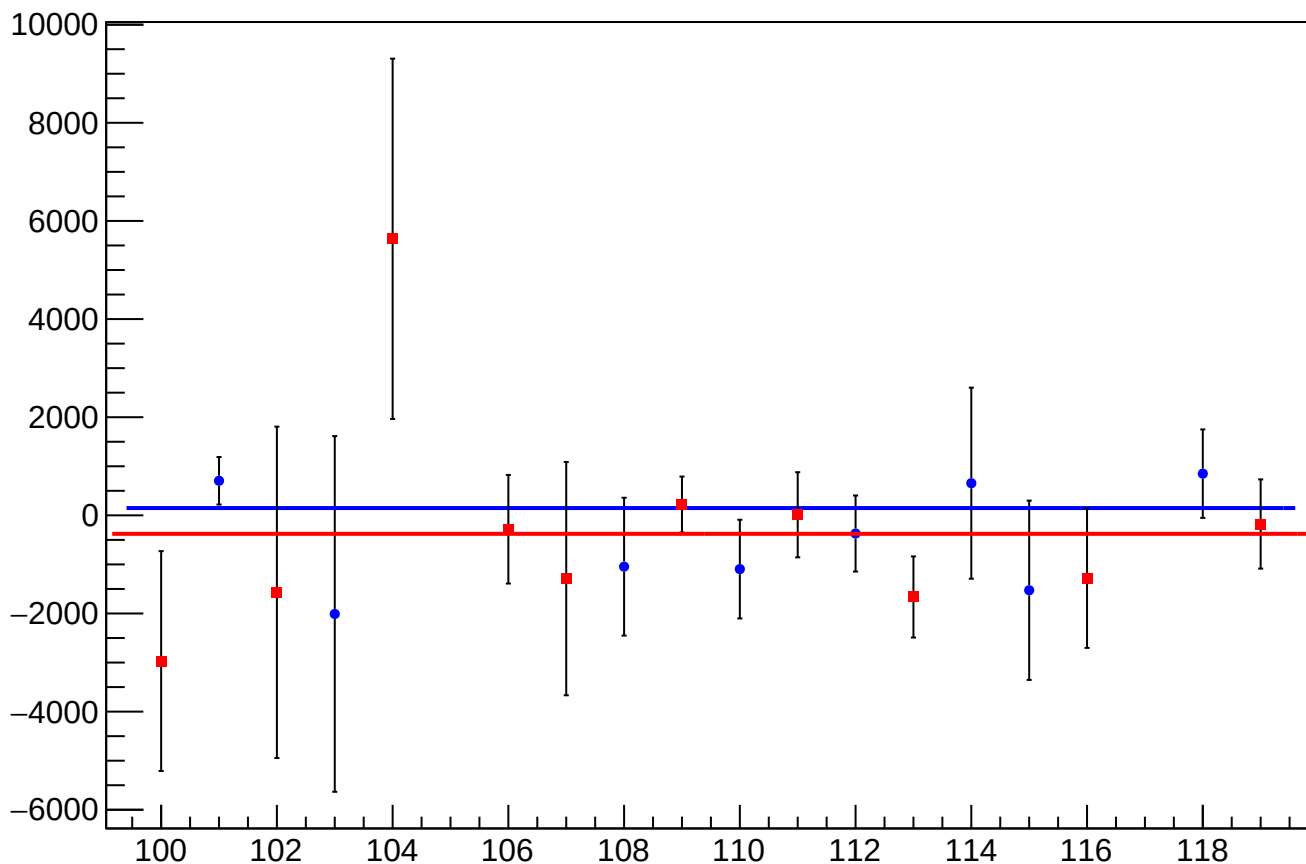
Right: 2120.800+/-0.573 χ^2/NDF : 800817.7/17

In: 2131.520+/-0.864 χ^2/NDF : 564739.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2120.800+/-0.573 χ^2/NDF : 800817.7/17

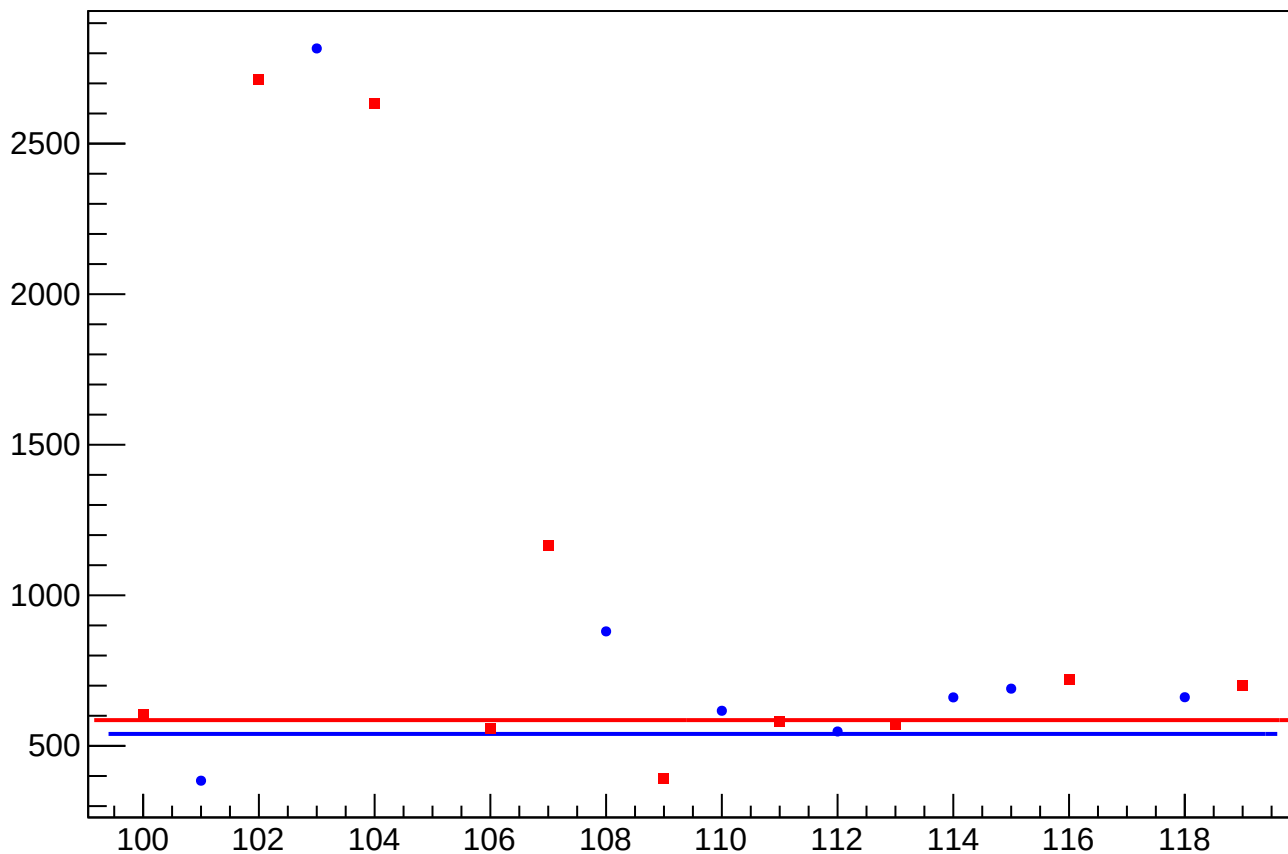
asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 148.738+/-328.020 χ^2/NDF : 5.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -376.544+/-334.647 χ^2/NDF : 8.5/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -108.650+/-234.253 χ^2/NDF : 15.6/17
 In: 148.738+/-328.020 χ^2/NDF : 5.9/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -108.650+/-234.253 χ^2/NDF : 15.6/17

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 539.701+/-0.232 χ^2/NDF : 1182021.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 585.543+/-0.237 χ^2/NDF : 1819635.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

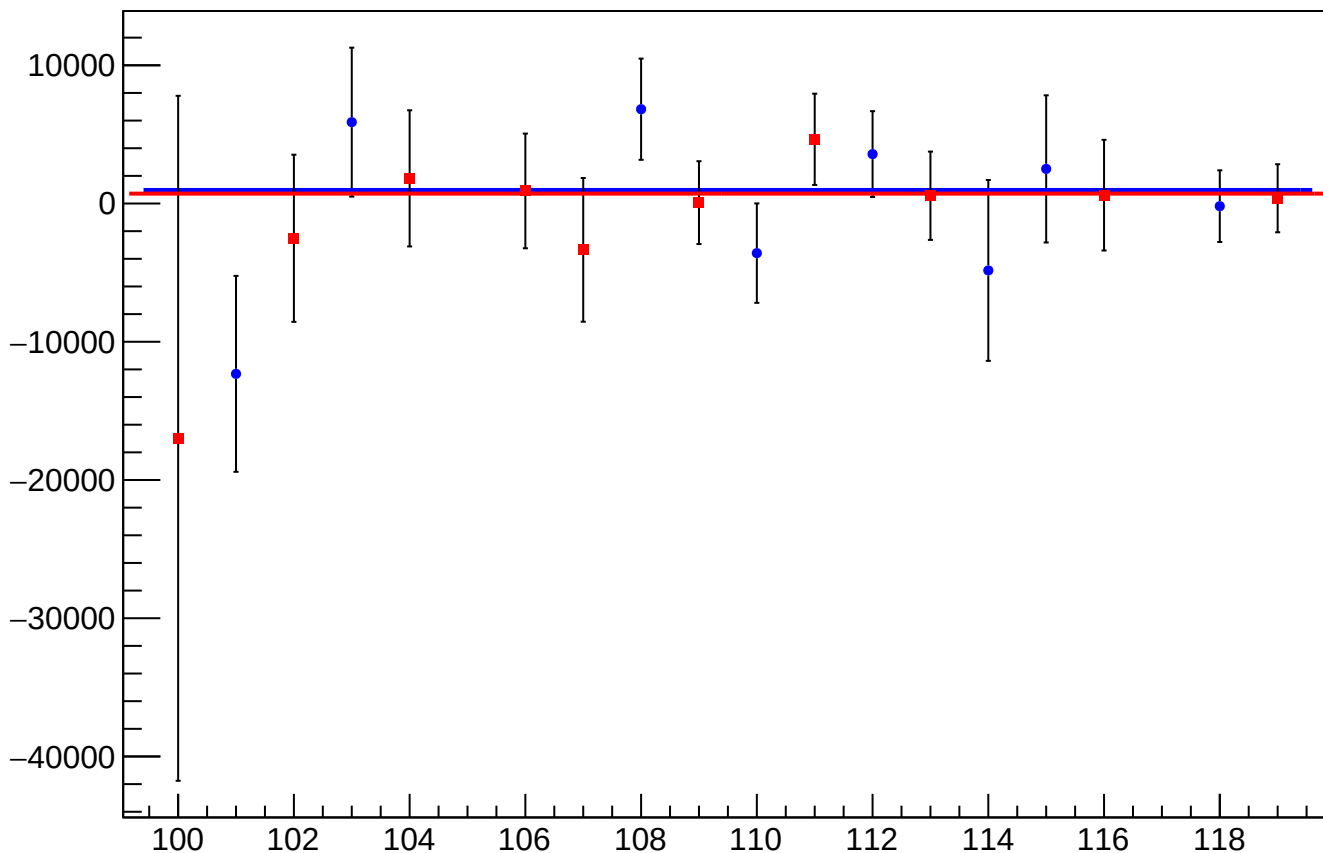
Right: 562.164+/-0.166 χ^2/NDF : 3020796.9/17

In: 539.701+/-0.232 χ^2/NDF : 1182021.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.164+/-0.166 χ^2/NDF : 3020796.9/17

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 979.643+/-1390.194 χ^2/NDF : 10.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 715.414+/-1200.317 χ^2/NDF : 2.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

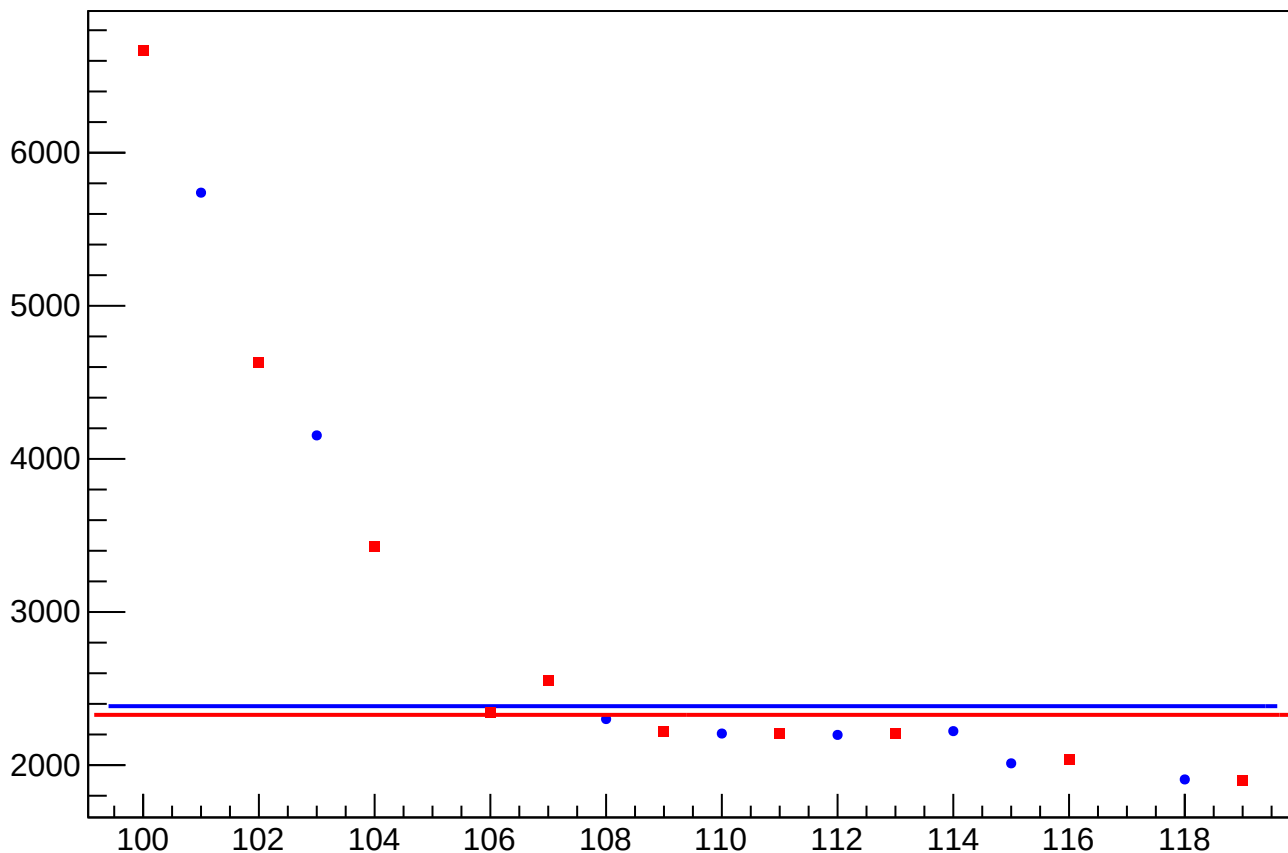
Right: 828.265+/-908.526 χ^2/NDF : 13.3/17

In: 979.643+/-1390.194 χ^2/NDF : 10.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.265+/-908.526 χ^2/NDF : 13.3/17

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2384.998+/-0.983 χ^2/NDF : 756008.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2328.220+/-0.849 χ^2/NDF : 534392.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

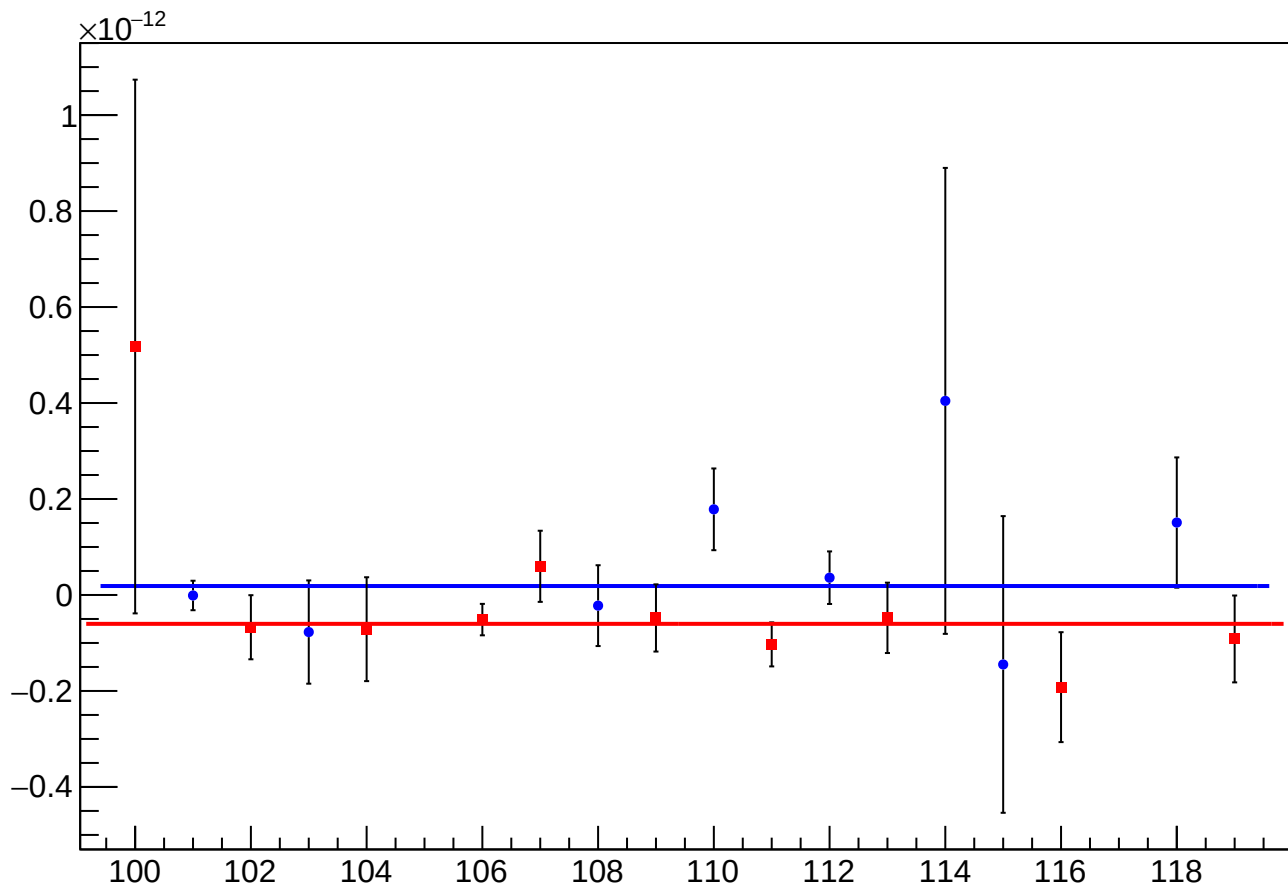
Right: 2352.469+/-0.642 χ^2/NDF : 1292311.4/17

In: 2384.998+/-0.983 χ^2/NDF : 756008.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.469+/-0.642 χ^2/NDF : 1292311.4/17

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

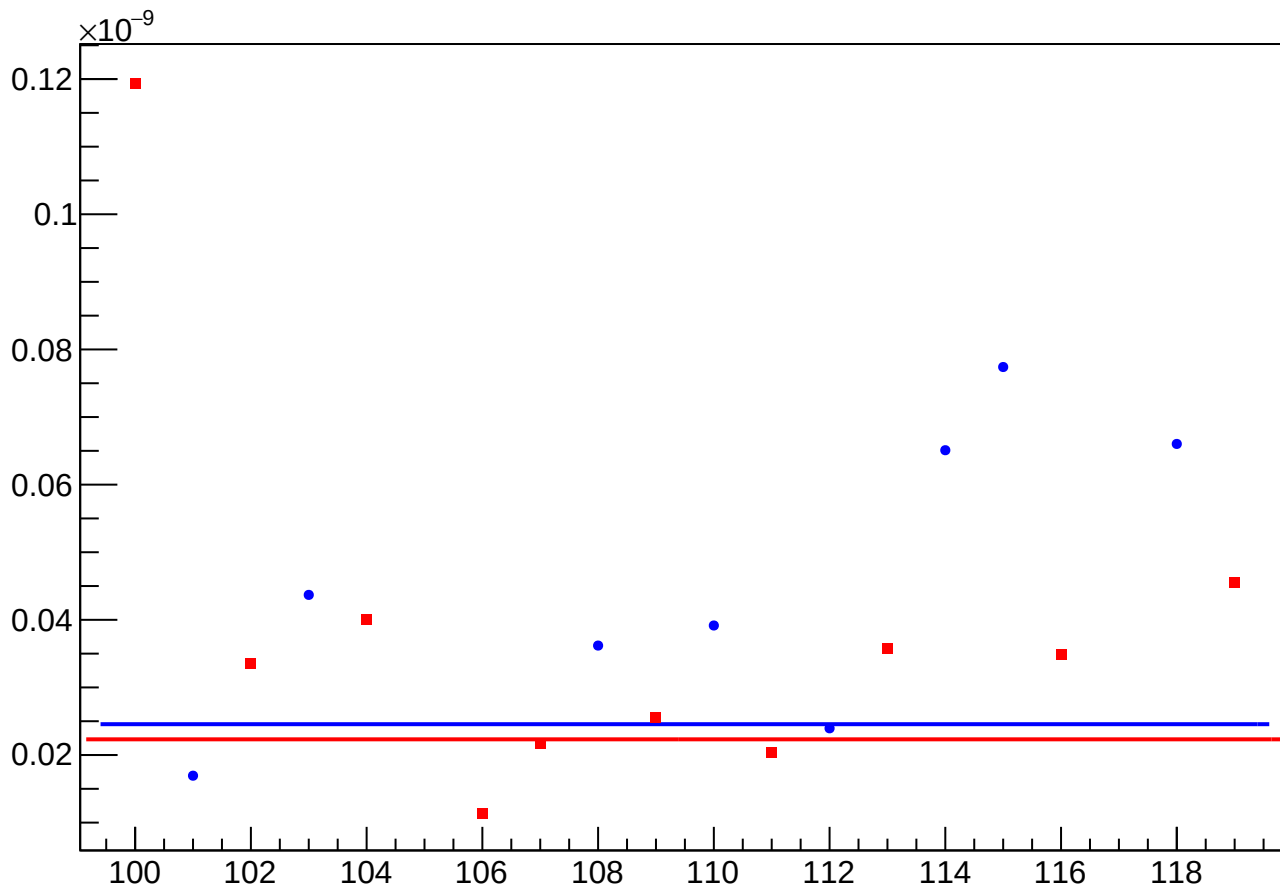
Right: -0.000+/-0.000 χ^2/NDF : 19.6/17

In: 0.000+/-0.000 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/17

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 542664.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 626246.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

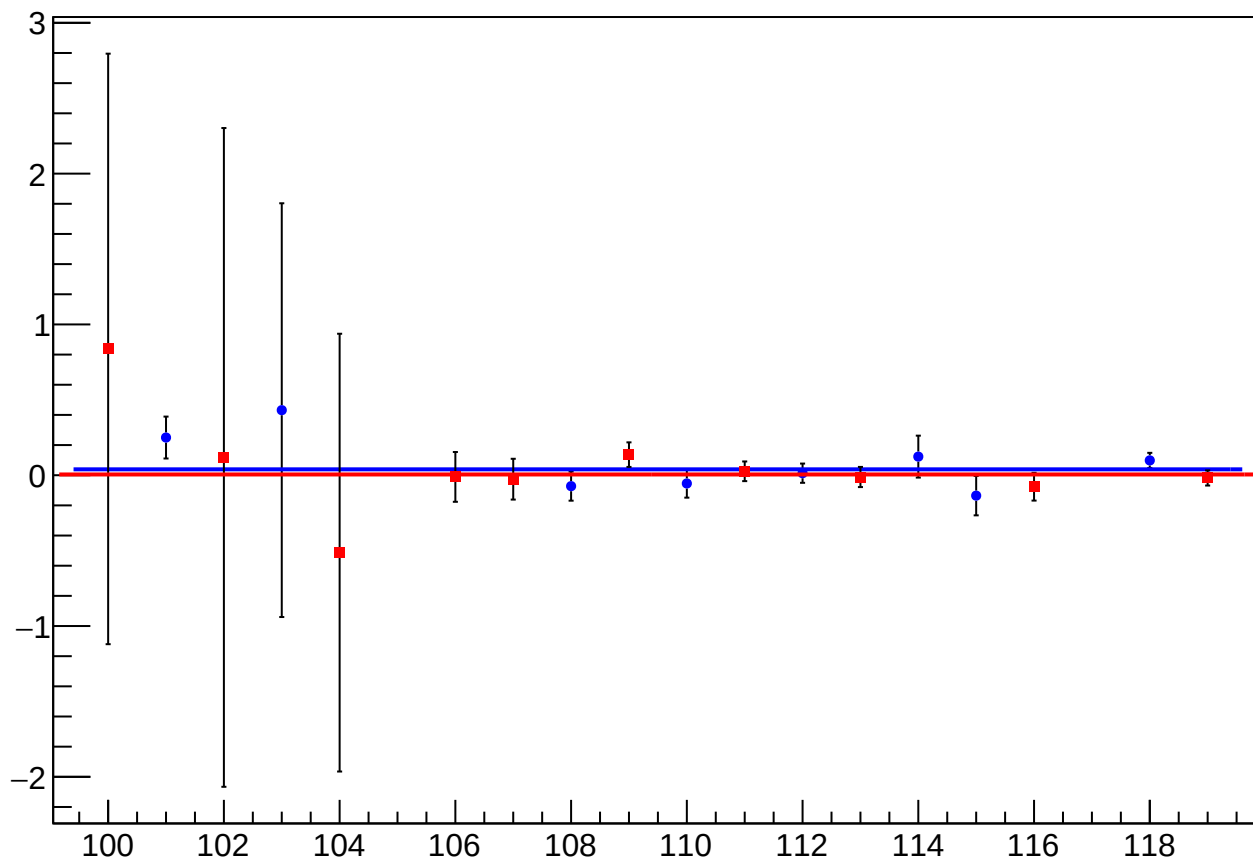
Right: 0.000+/-0.000 χ^2/NDF : 1179495.3/17

In: 0.000+/-0.000 χ^2/NDF : 542664.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1179495.3/17

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

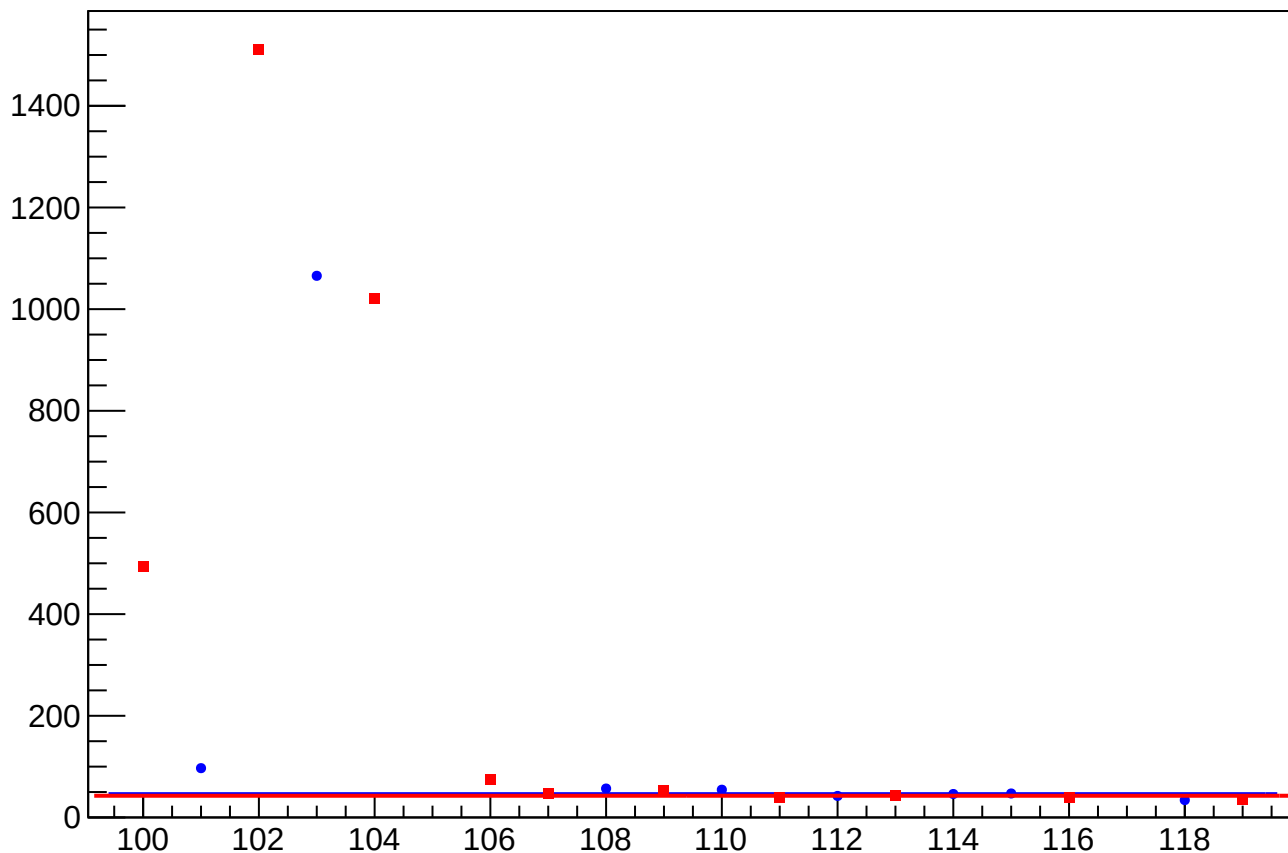
Right: 0.021+/-0.021 χ^2/NDF : 13.2/17

In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.021 χ^2/NDF : 13.2/17

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.810+/-0.022 χ^2/NDF : 1533479.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.701+/-0.020 χ^2/NDF : 2079381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

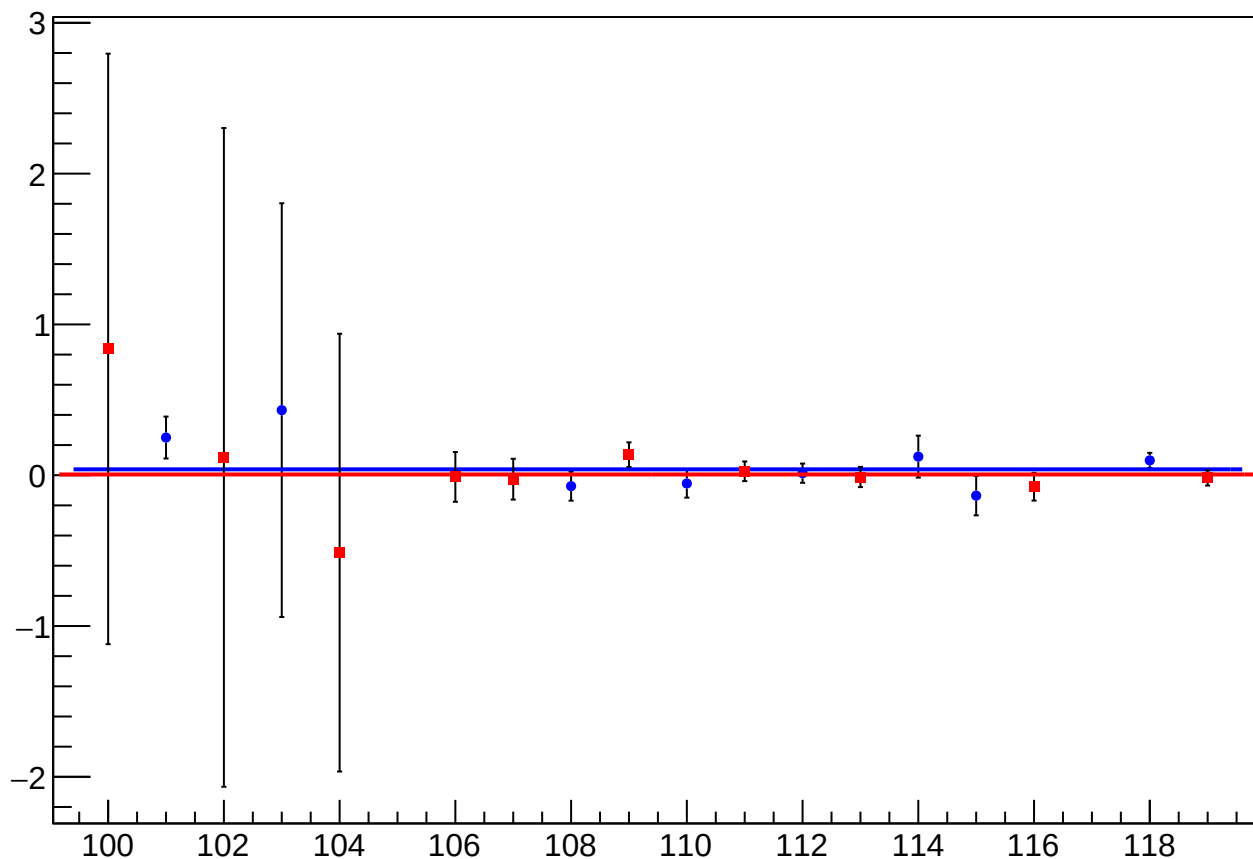
Right: 44.126+/-0.015 χ^2/NDF : 3623625.2/17

In: 45.810+/-0.022 χ^2/NDF : 1533479.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.126+/-0.015 χ^2/NDF : 3623625.2/17

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

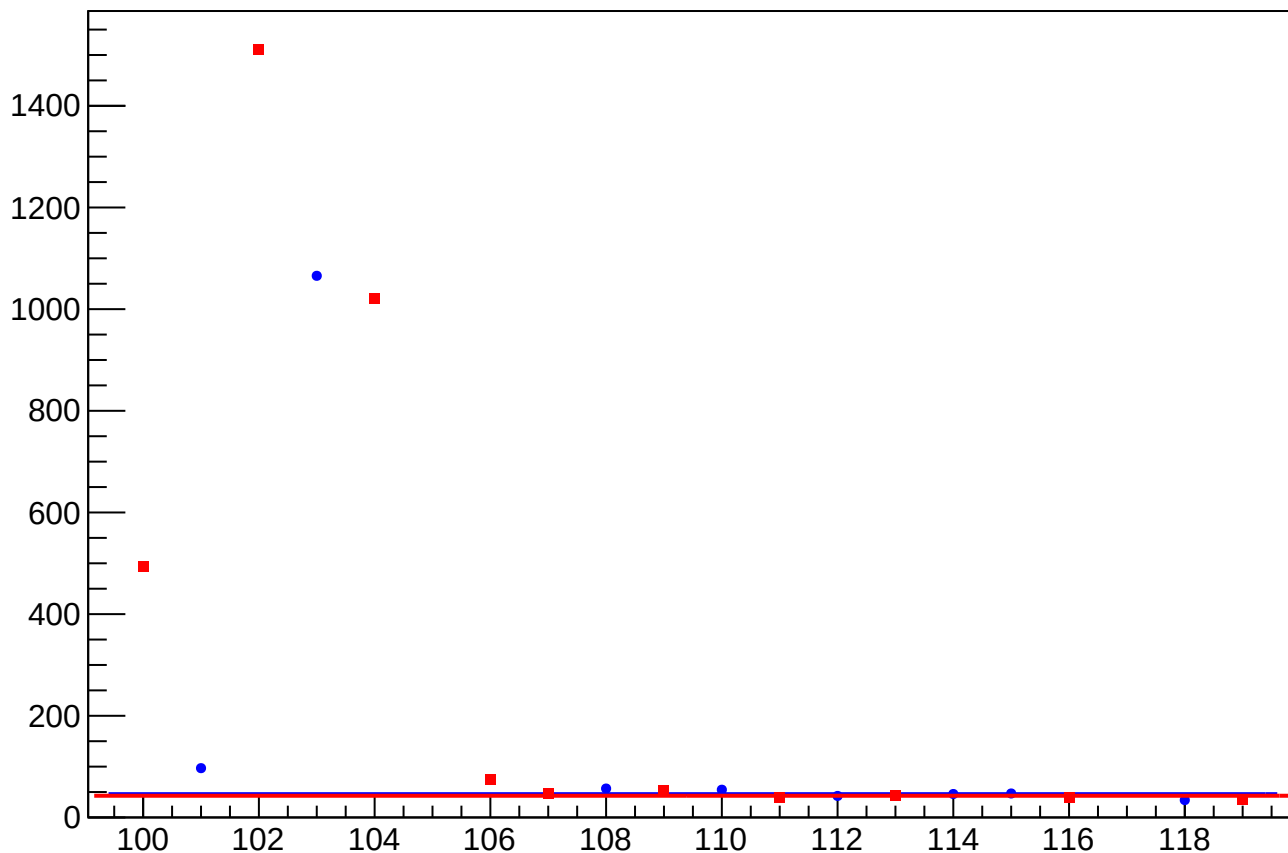
Right: 0.021+/-0.021 χ^2/NDF : 13.2/17

In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.021 χ^2/NDF : 13.2/17

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.810+/-0.022 χ^2/NDF : 1533479.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.701+/-0.020 χ^2/NDF : 2079381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

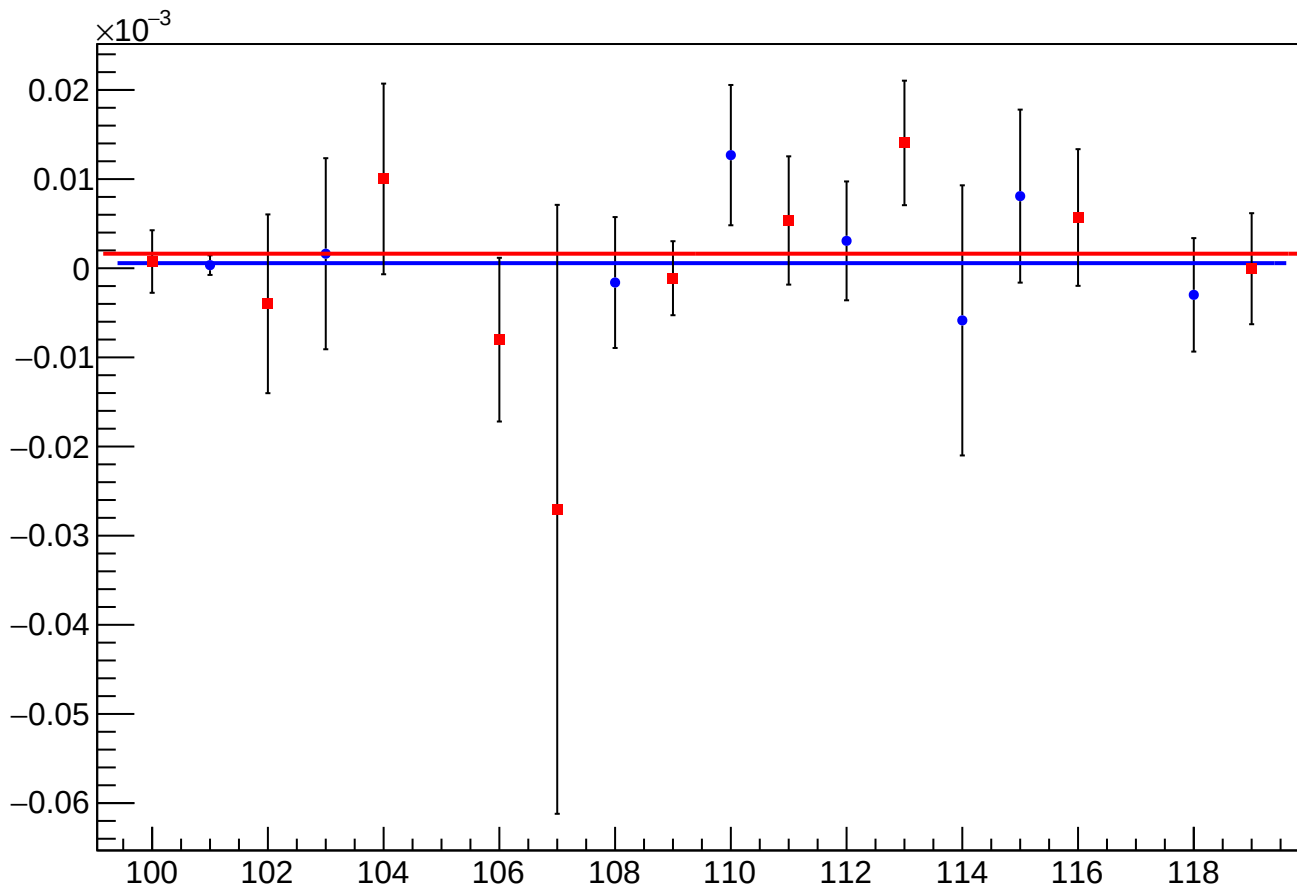
Right: 44.126+/-0.015 χ^2/NDF : 3623625.2/17

In: 45.810+/-0.022 χ^2/NDF : 1533479.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.126+/-0.015 χ^2/NDF : 3623625.2/17

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 : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

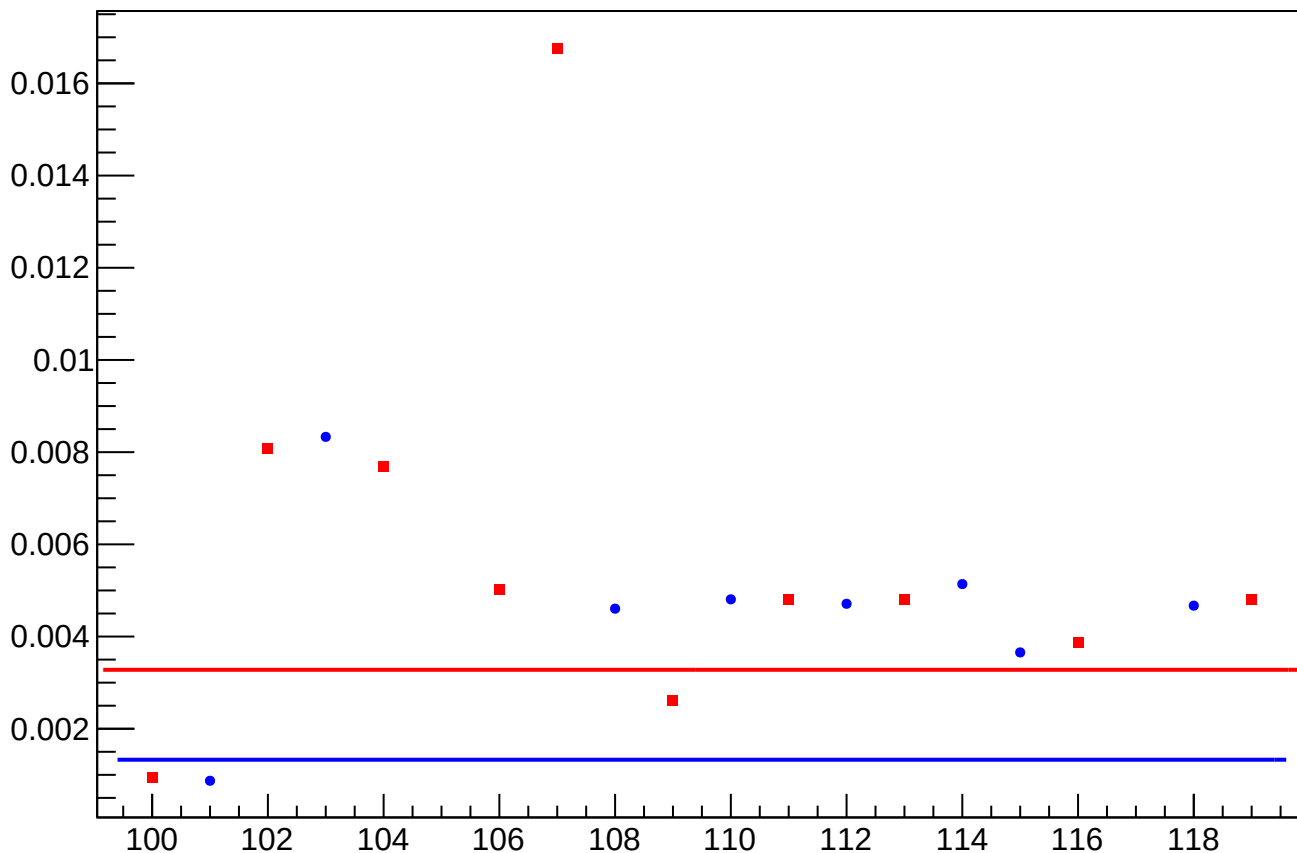
Right: 0.000+/-0.000 χ^2/NDF : 11.0/17

In: 0.000+/-0.000 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.0/17

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 : 3296025.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2434961.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

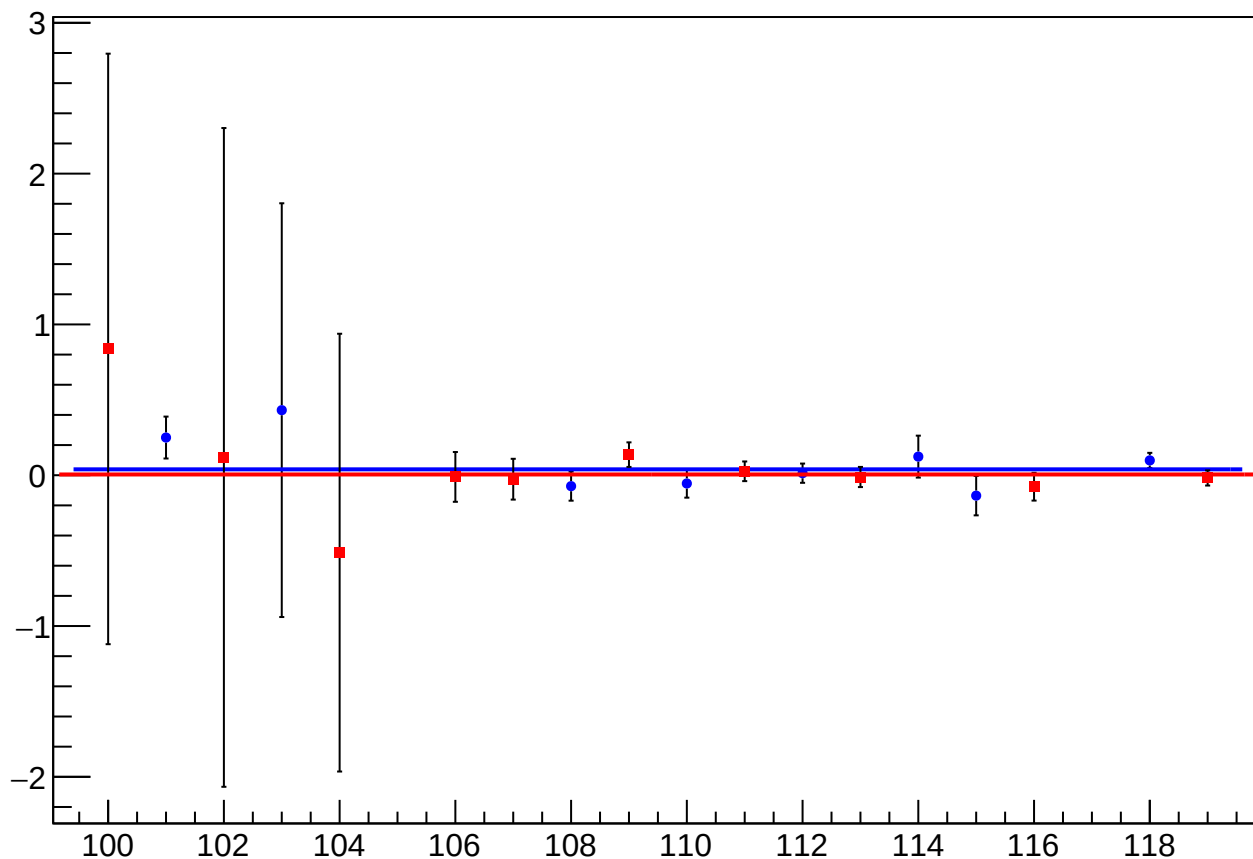
Right: 0.002+/-0.000 χ^2/NDF : 7247350.8/17

In: 0.001+/-0.000 χ^2/NDF :3296025.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7247350.8/17

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

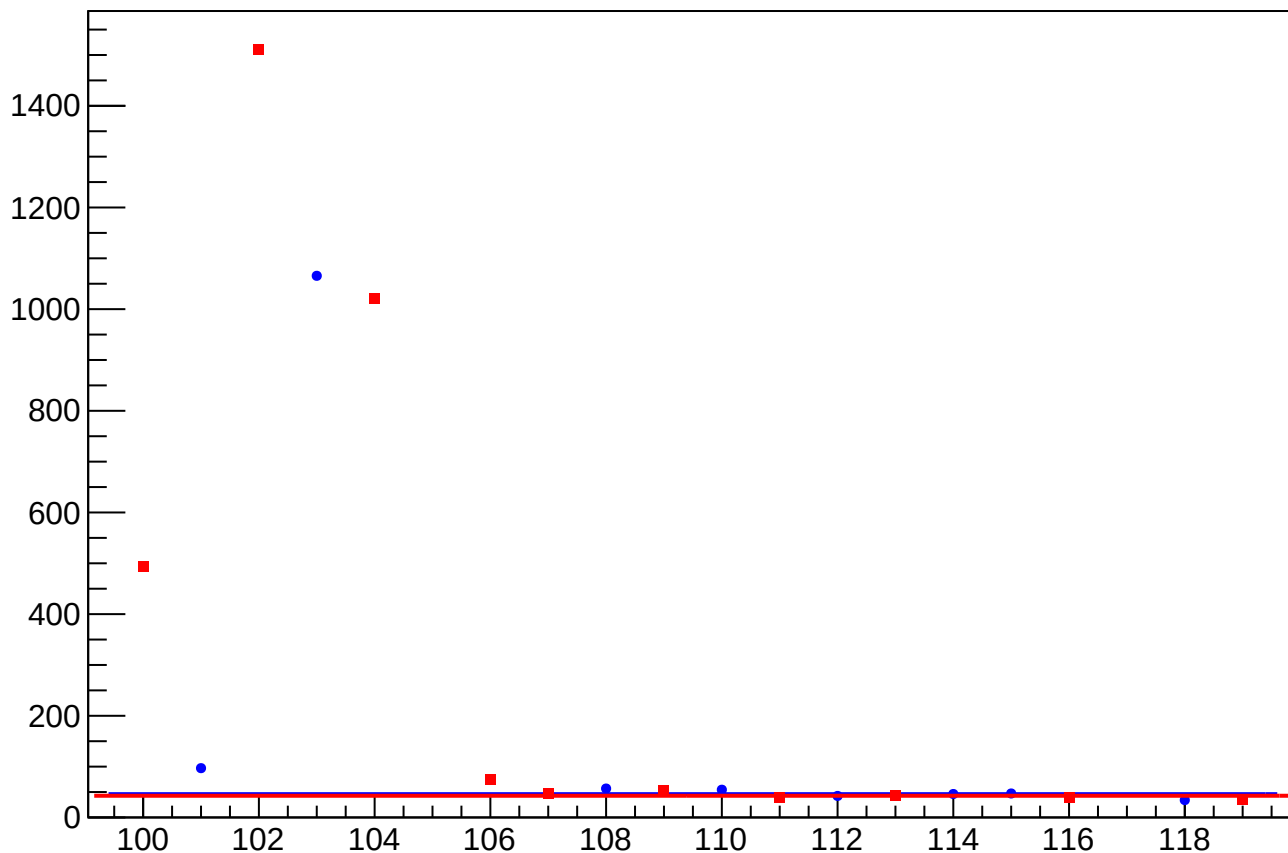
Right: 0.021+/-0.021 χ^2/NDF : 13.2/17

In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.021 χ^2/NDF : 13.2/17

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.811+/-0.022 χ^2/NDF : 1533462.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.700+/-0.020 χ^2/NDF : 2079416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

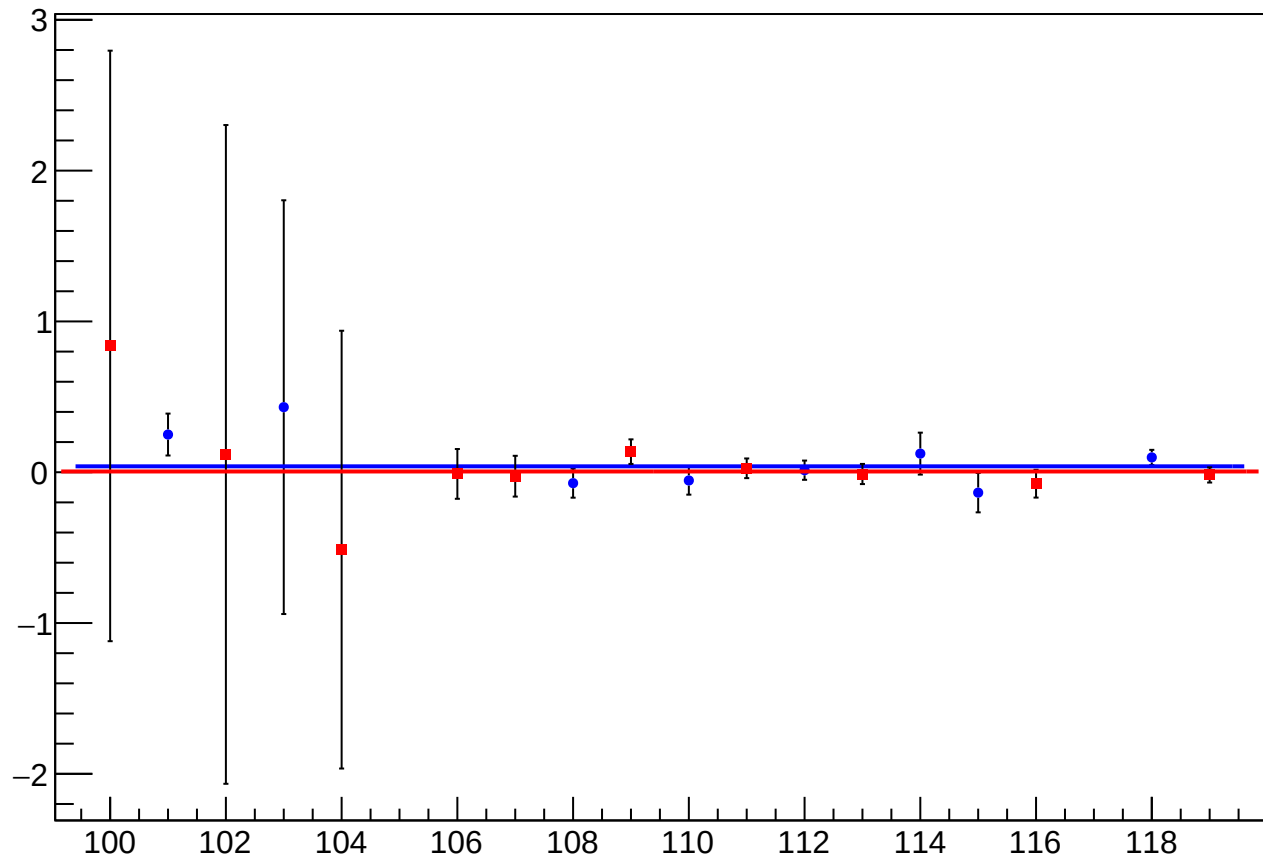
Right: 44.126+/-0.015 χ^2/NDF : 3623655.2/17

In: 45.811+/-0.022 χ^2/NDF : 1533462.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.126+/-0.015 χ^2/NDF : 3623655.2/17

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.029 χ^2/NDF : 4.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

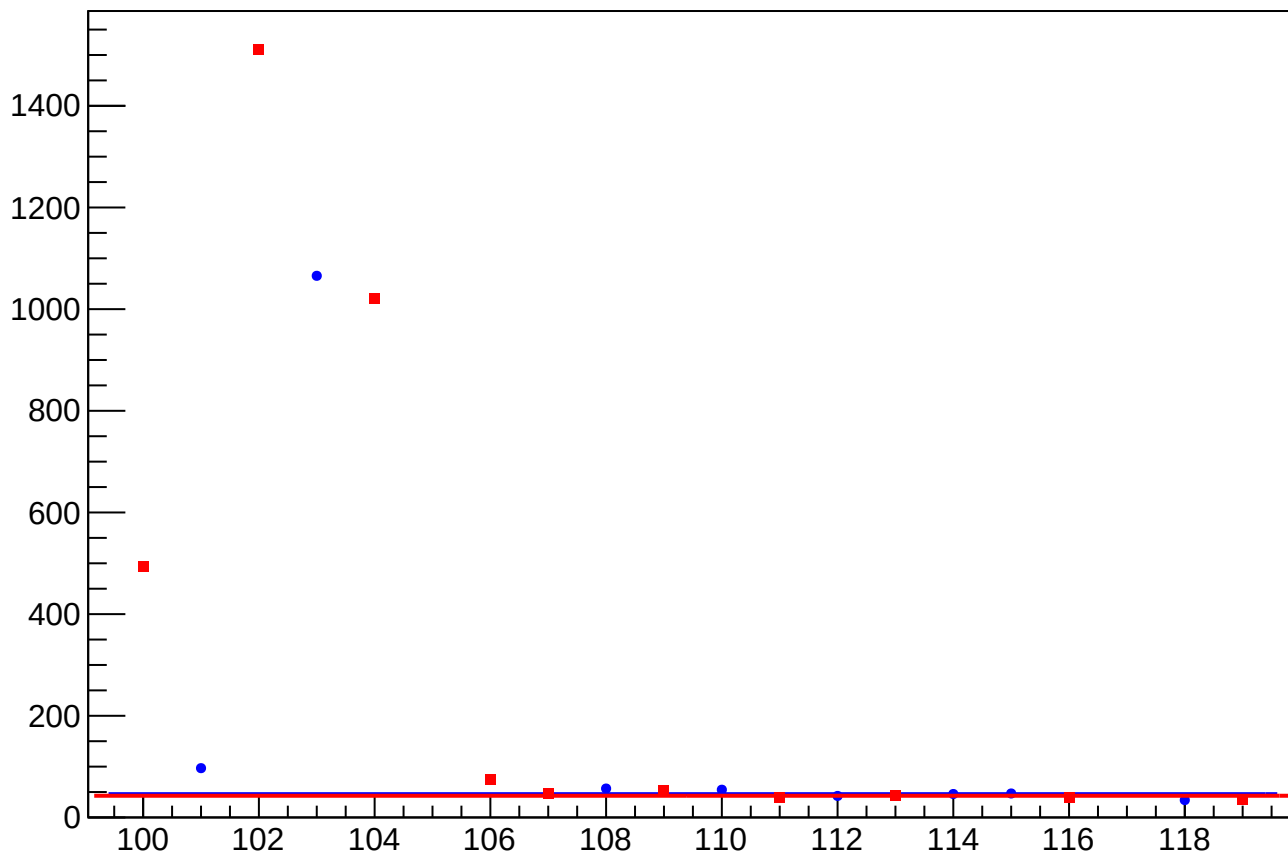
Right: 0.021+/-0.021 χ^2/NDF : 13.2/17

In: 0.039+/-0.031 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.021 χ^2/NDF : 13.2/17

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.811+/-0.022 χ^2/NDF : 1533462.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.700+/-0.020 χ^2/NDF : 2079416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

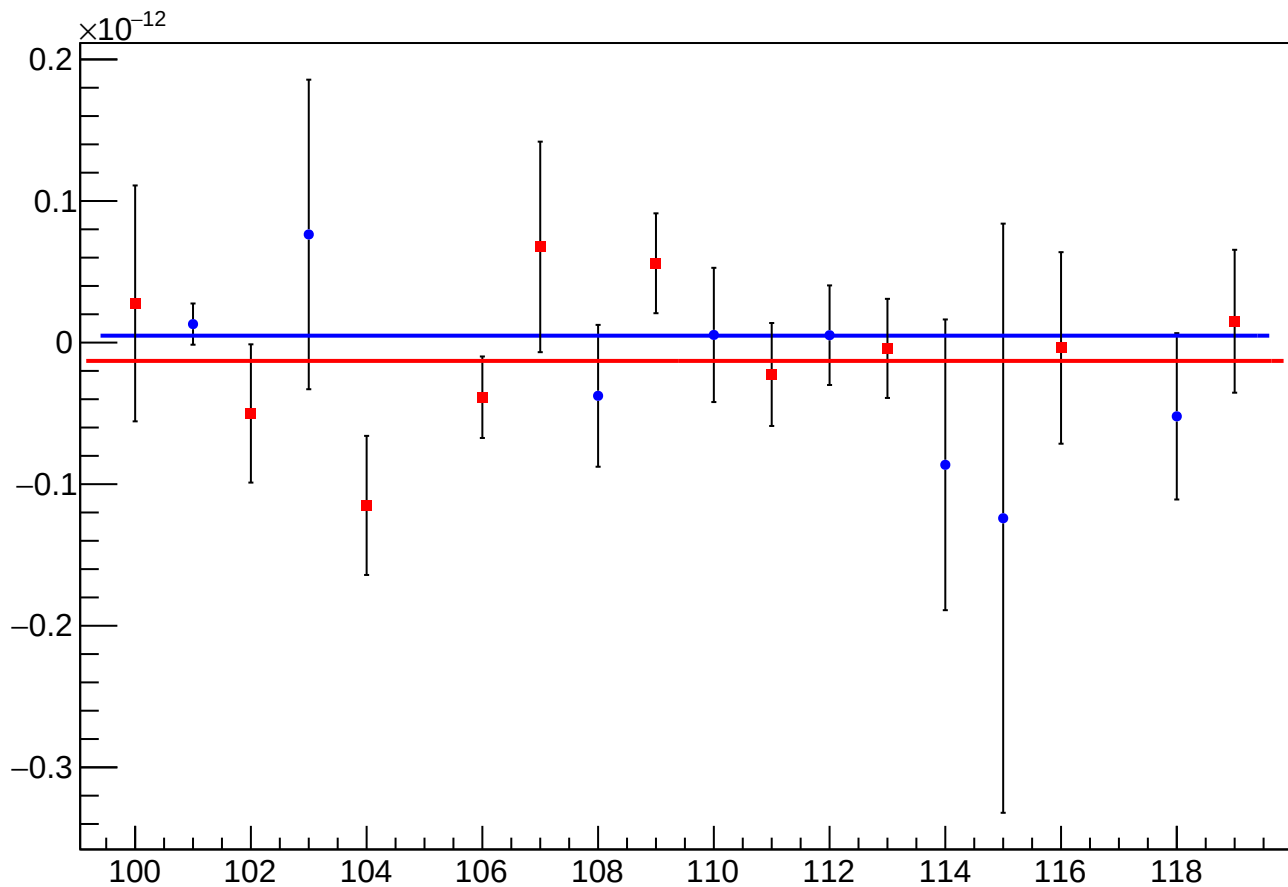
Right: 44.126+/-0.015 χ^2/NDF : 3623655.2/17

In: 45.811+/-0.022 χ^2/NDF : 1533462.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.126+/-0.015 χ^2/NDF : 3623655.2/17

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

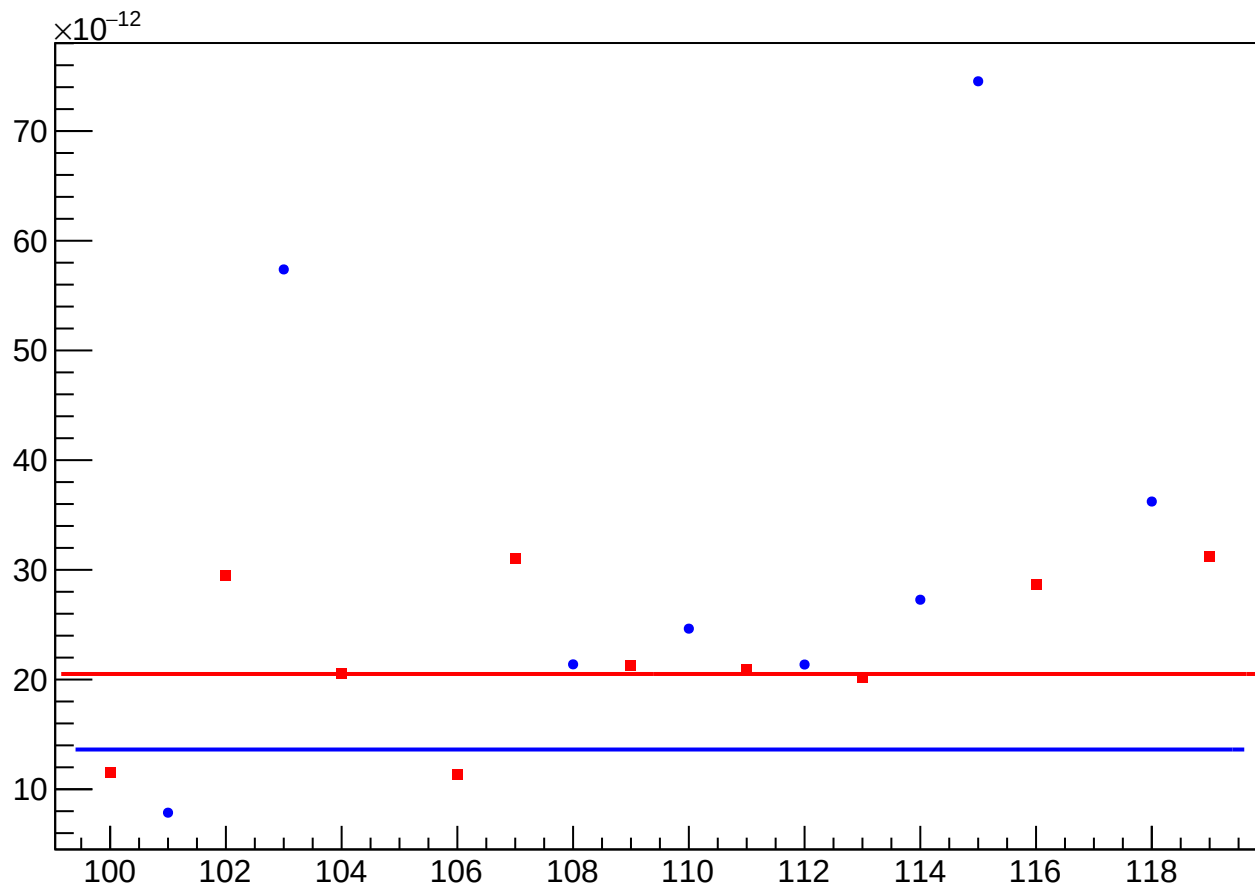
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/17

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 : 1389751.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 453522.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

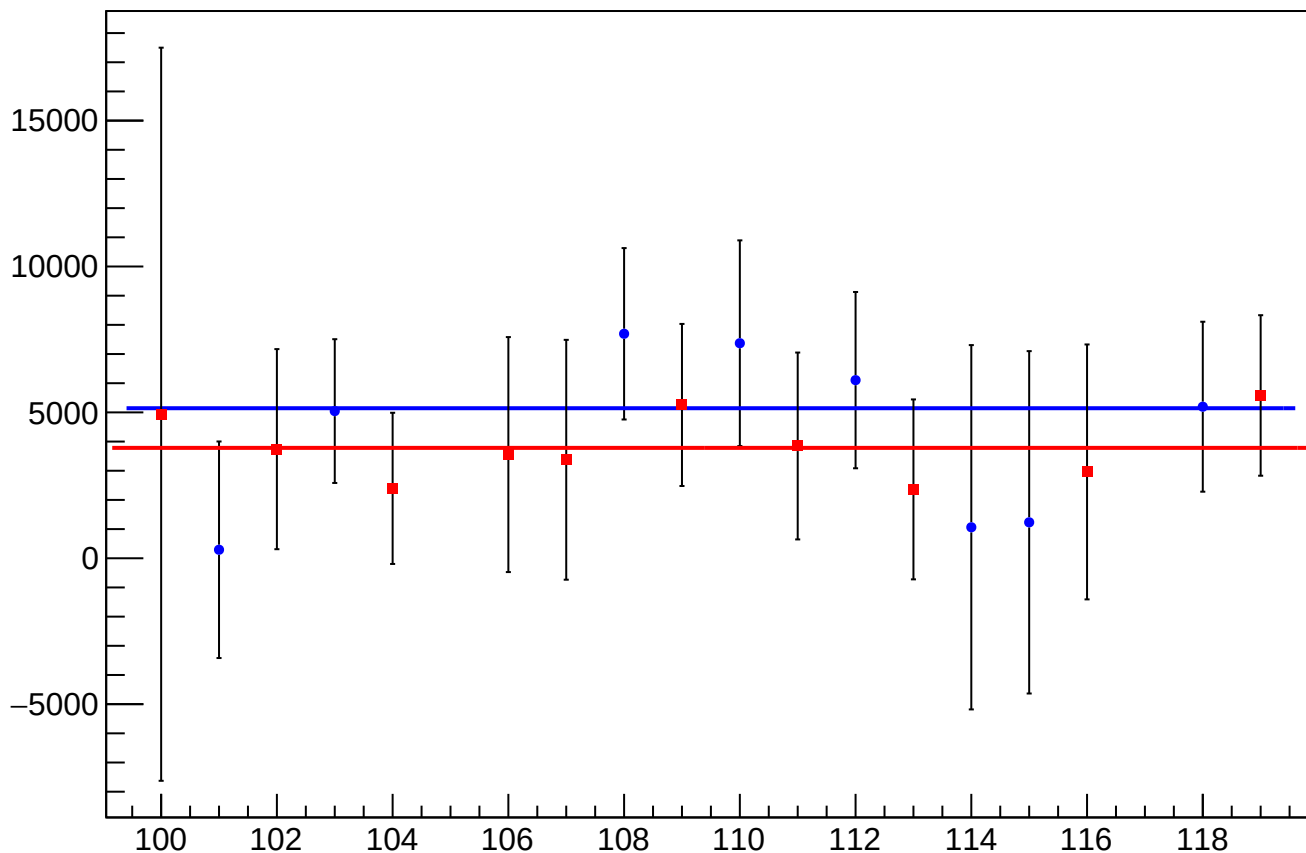
Right: 0.000+/-0.000 χ^2/NDF : 2128425.9/17

In: 0.000+/-0.000 χ^2/NDF : 1389751.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2128425.9/17

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5142.759+/-1181.850 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.723+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

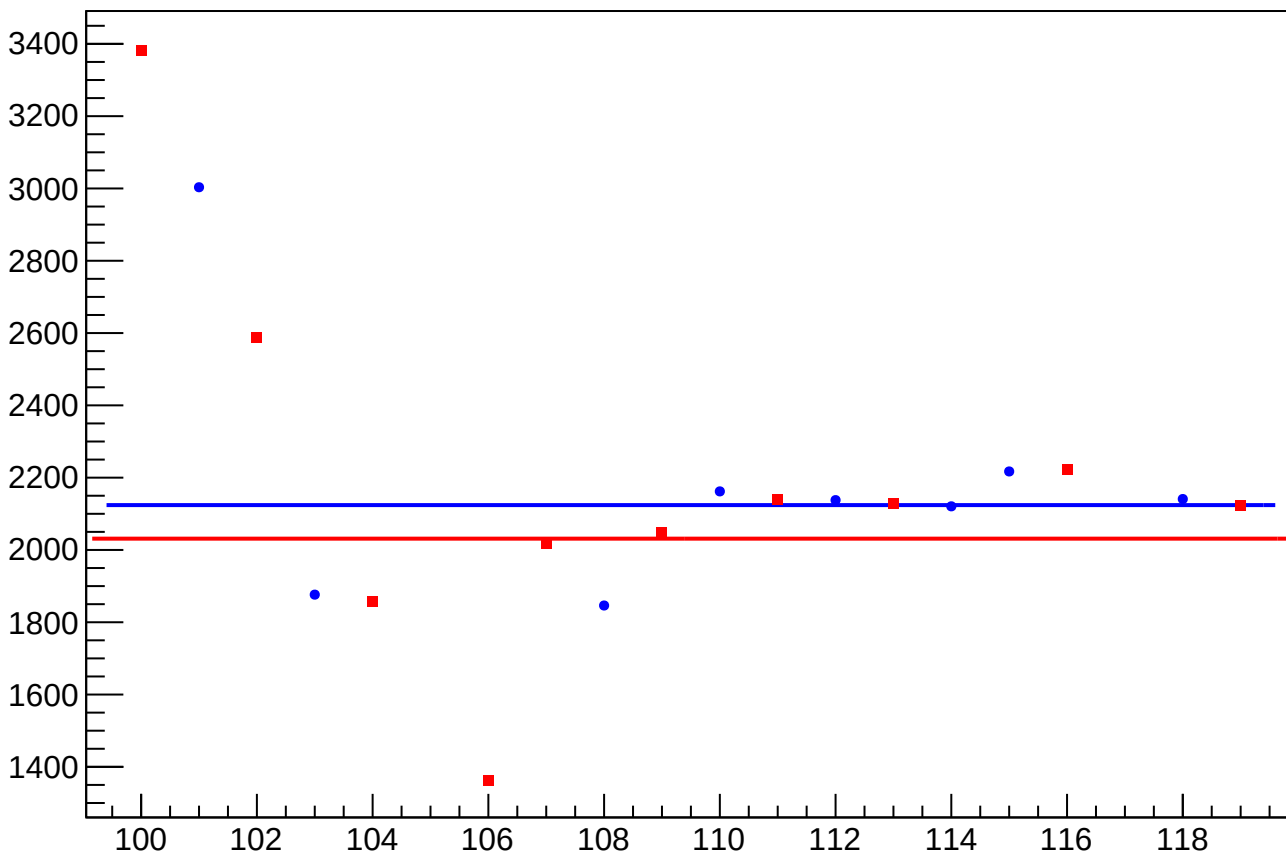
Right: 4394.102+/-792.039 χ^2/NDF : 5.8/17

In: 5142.759+/-1181.850 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4394.102+/-792.039 χ^2/NDF : 5.8/17

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2124.095+/-0.836 χ^2/NDF : 151238.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2031.267+/-0.734 χ^2/NDF : 194587.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

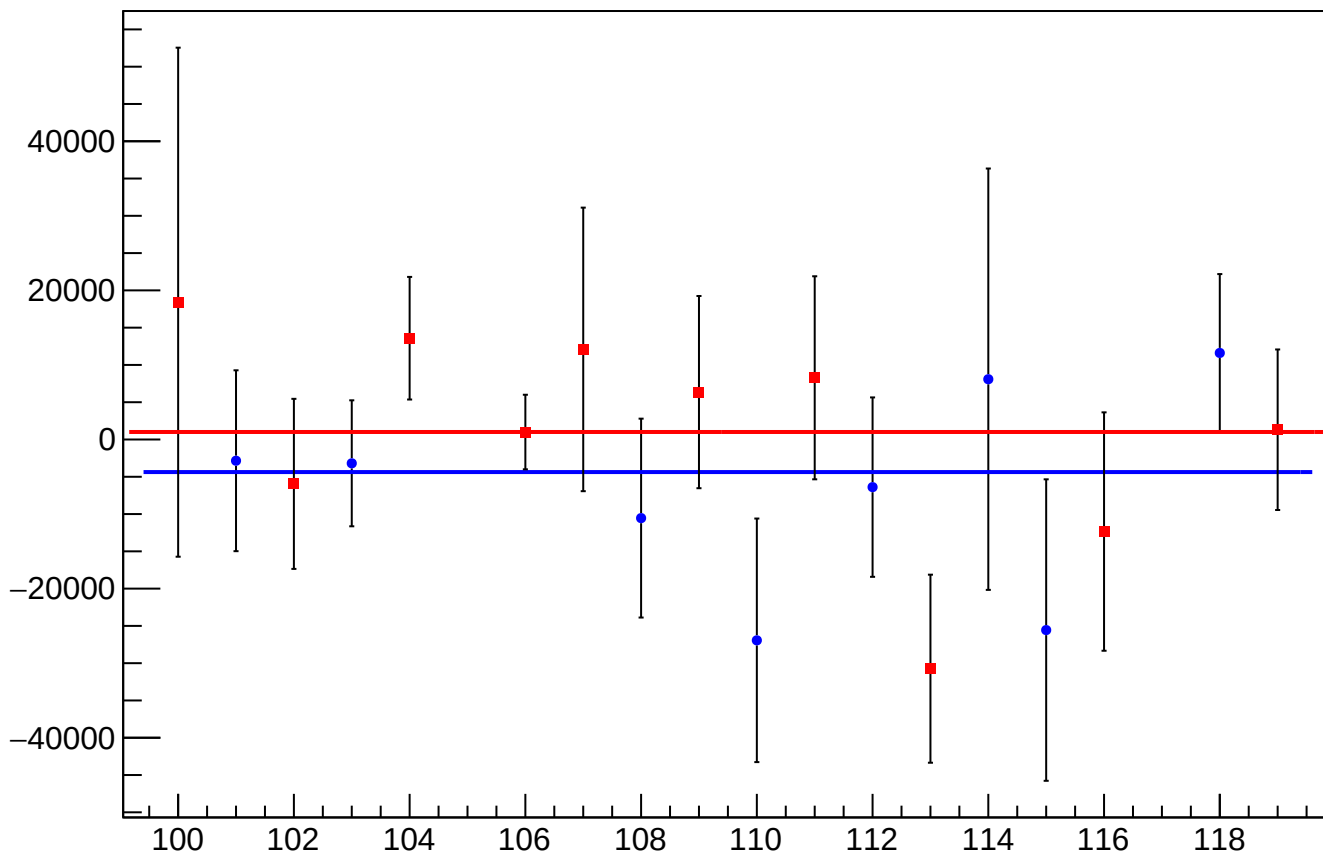
Right: 2071.697+/-0.552 χ^2/NDF : 352791.1/17

In: 2124.095+/-0.836 χ^2/NDF : 151238.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.697+/-0.552 χ^2/NDF : 352791.1/17

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -4368.113+/-4484.637 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1007.405+/-3221.667 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

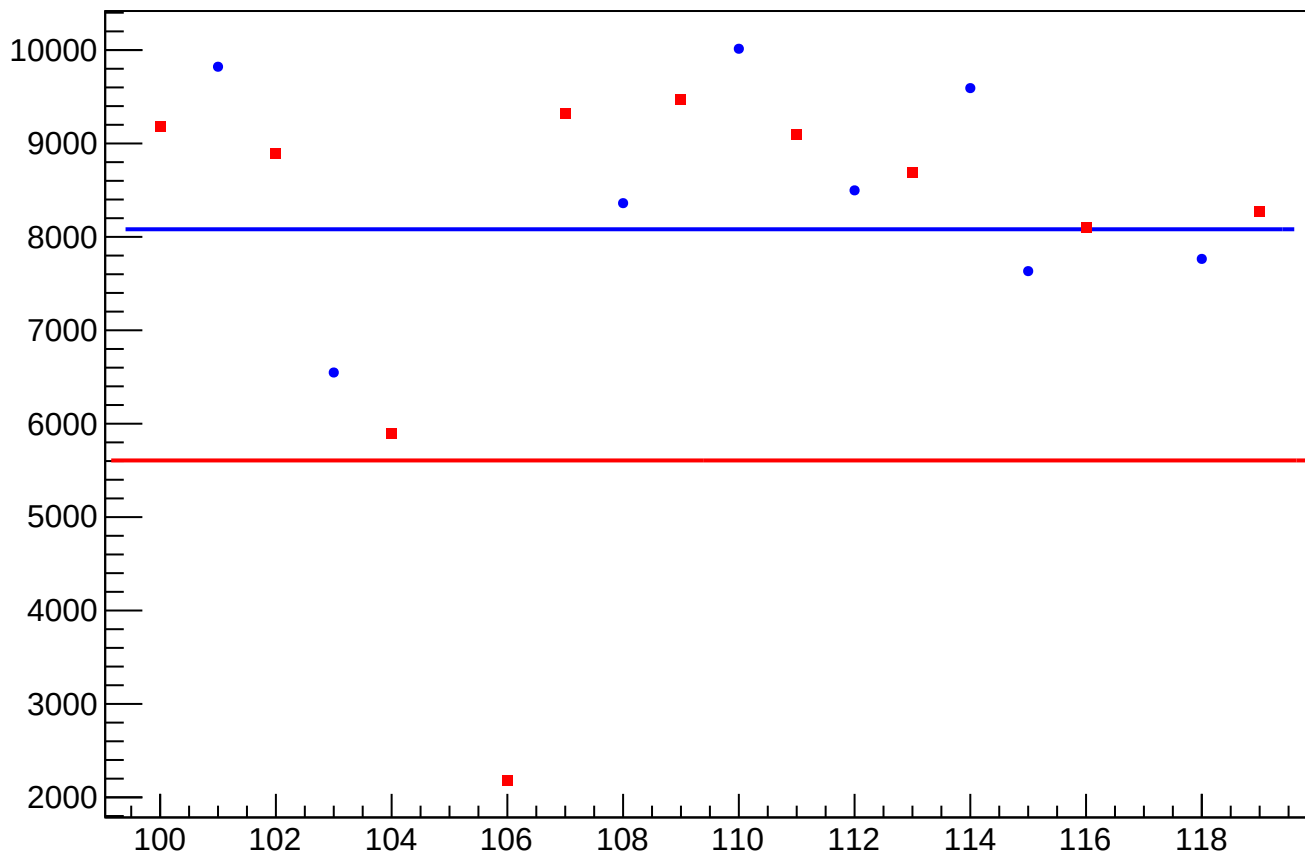
Right: -822.415+/-2616.504 χ^2/NDF : 17.5/17

In: -4368.113+/-4484.637 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -822.415+/-2616.504 χ^2/NDF : 17.5/17

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8081.506+/-3.171 χ^2/NDF : 146839.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5606.663+/-2.278 χ^2/NDF : 1807317.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

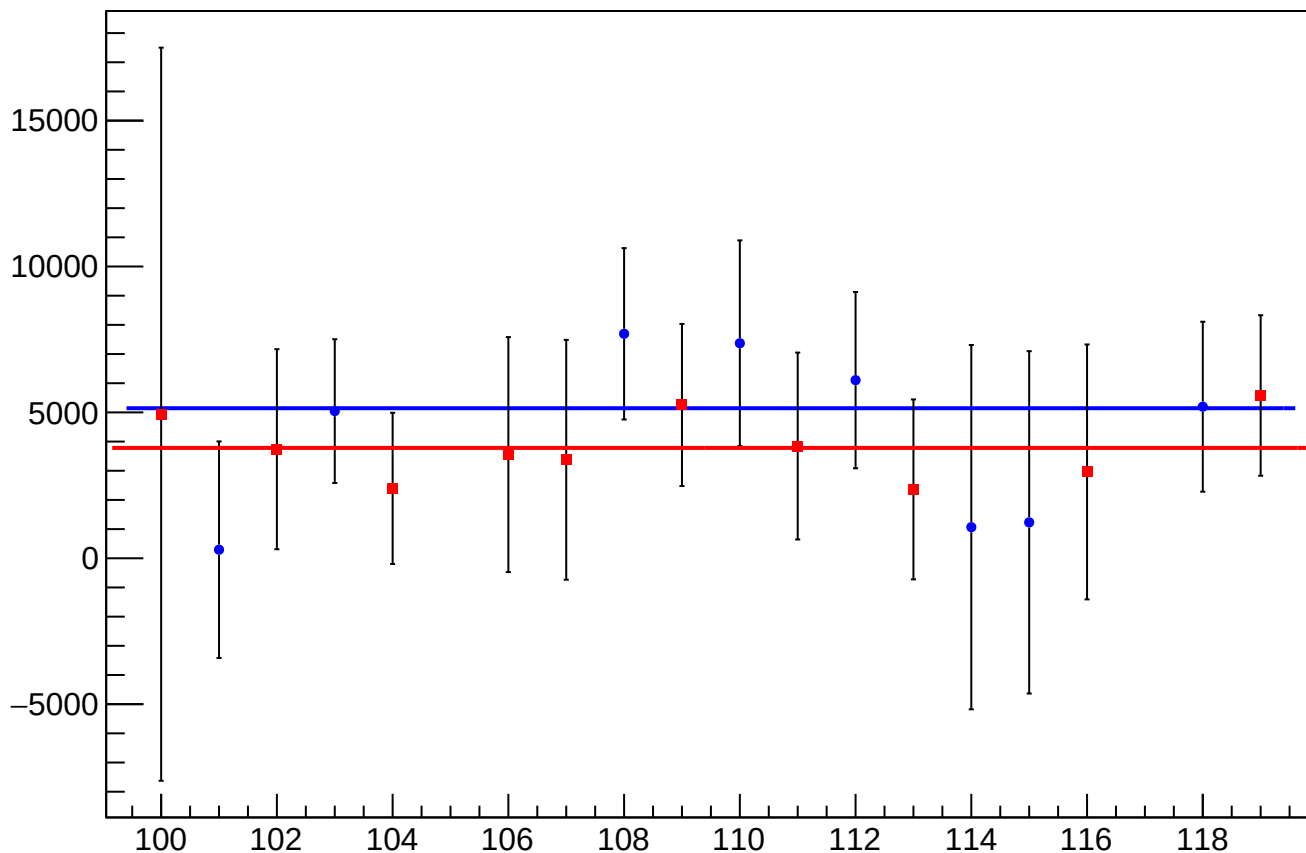
Right: 6449.097+/-1.850 χ^2/NDF : 2355902.8/17

In: 8081.506+/-3.171 χ^2/NDF : 146839.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6449.097+/-1.850 χ^2/NDF : 2355902.8/17

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5143.117+/-1181.850 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.399+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

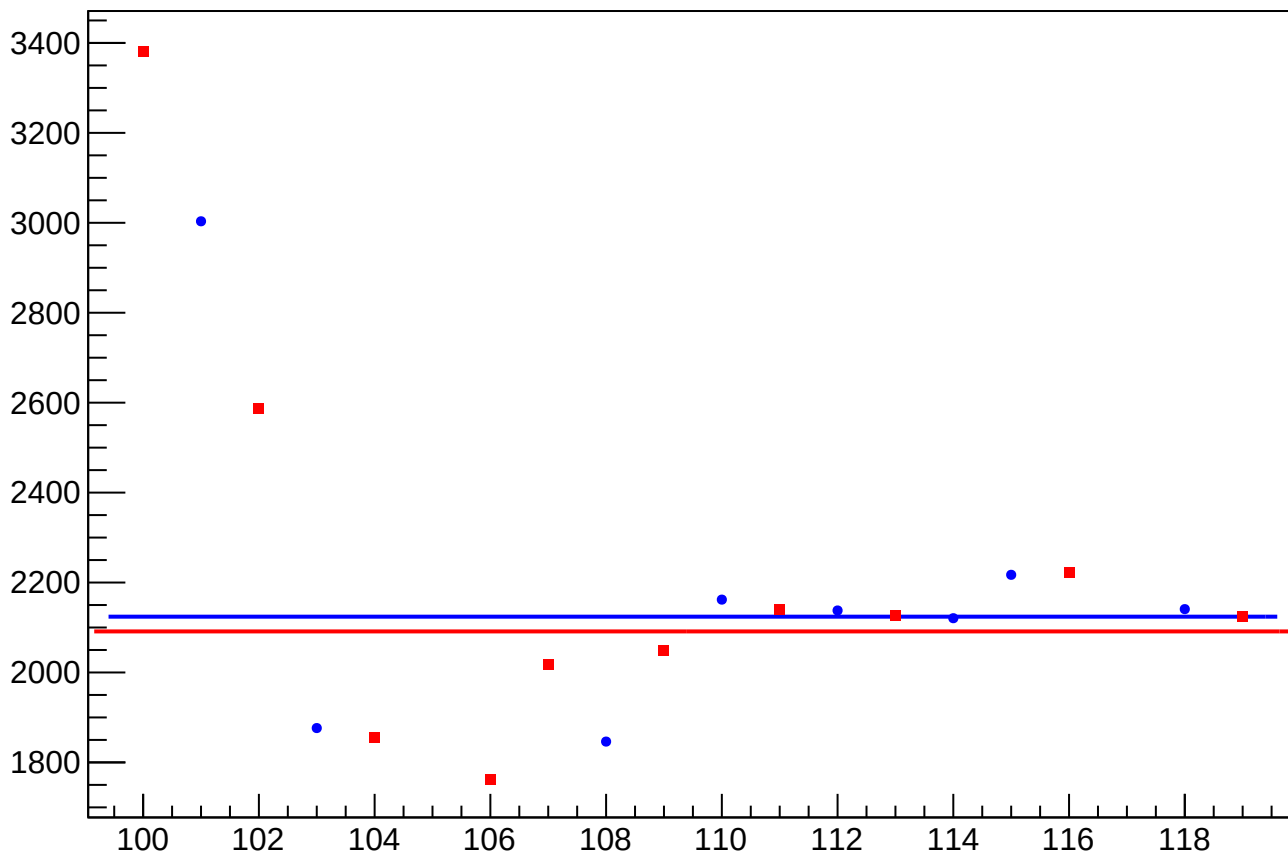
Right: 4394.084+/-792.039 χ^2/NDF : 5.8/17

In: 5143.117+/-1181.850 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4394.084+/-792.039 χ^2/NDF : 5.8/17

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2124.095+/-0.836 χ^2/NDF : 151239.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.300+/-0.748 χ^2/NDF : 100002.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

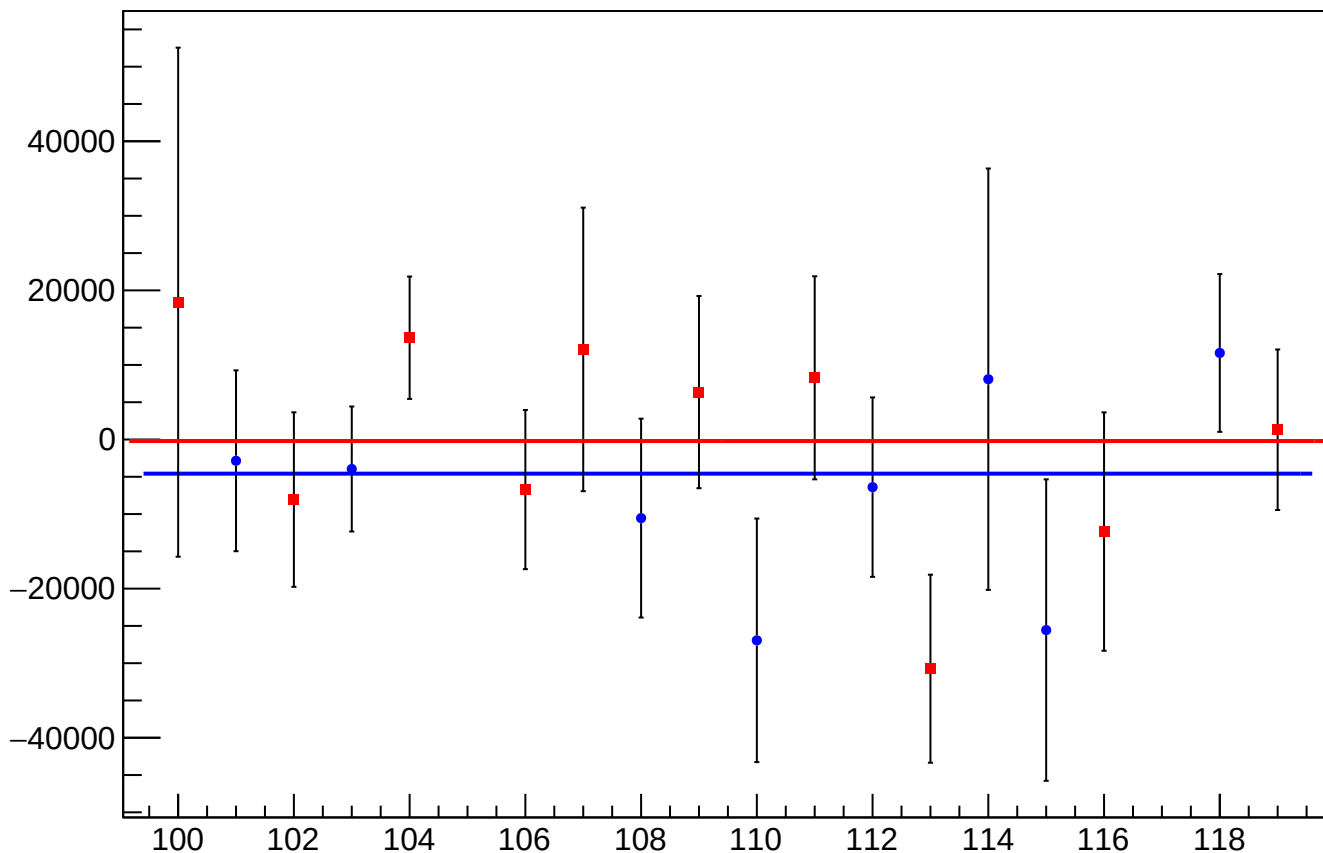
Right: 2105.889+/-0.557 χ^2/NDF : 252096.3/17

In: 2124.095+/-0.836 χ^2/NDF : 151239.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.889+/-0.557 χ^2/NDF : 252096.3/17

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -4580.745+/-4474.937 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.367+/-3928.236 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

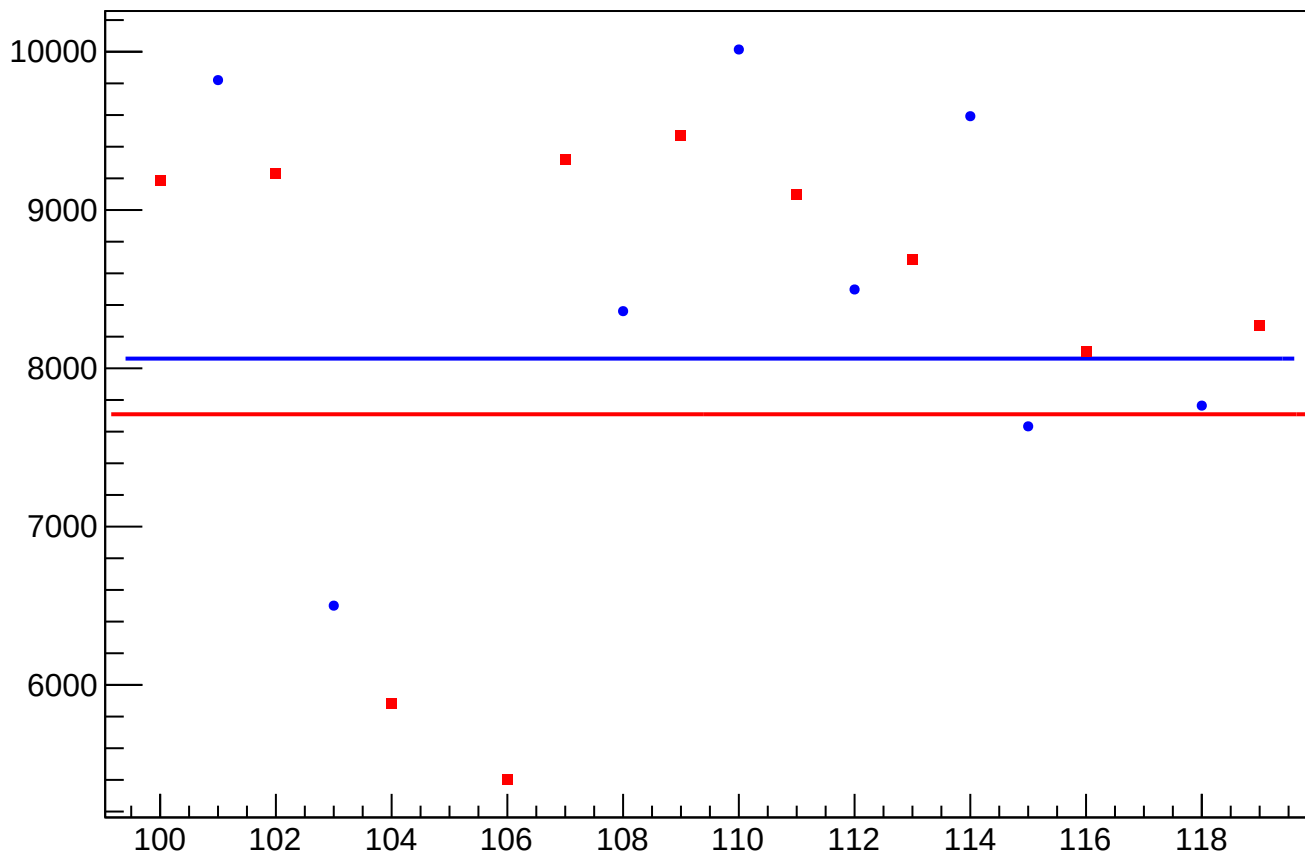
Right: -2107.904+/-2952.154 χ^2/NDF : 17.8/17

In: -4580.745+/-4474.937 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2107.904+/-2952.154 χ^2/NDF : 17.8/17

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8061.346+/-3.164 χ^2/NDF : 151968.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7709.757+/-2.778 χ^2/NDF : 321623.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

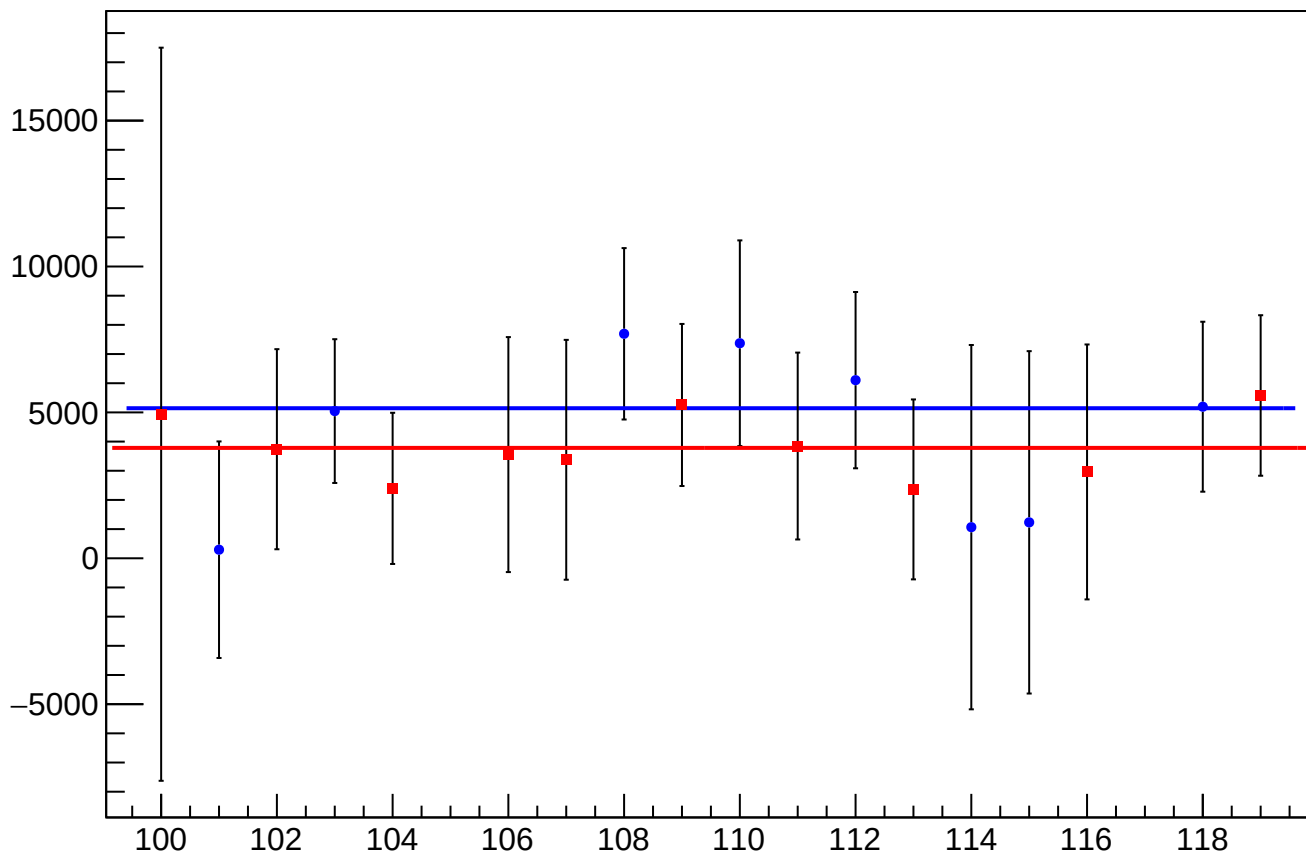
Right: 7862.774+/-2.087 χ^2/NDF : 480564.5/17

In: 8061.346+/-3.164 χ^2/NDF : 151968.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7862.774+/-2.087 χ^2/NDF : 480564.5/17

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5143.117+/-1181.850 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3783.399+/-1067.138 χ^2/NDF : 1.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

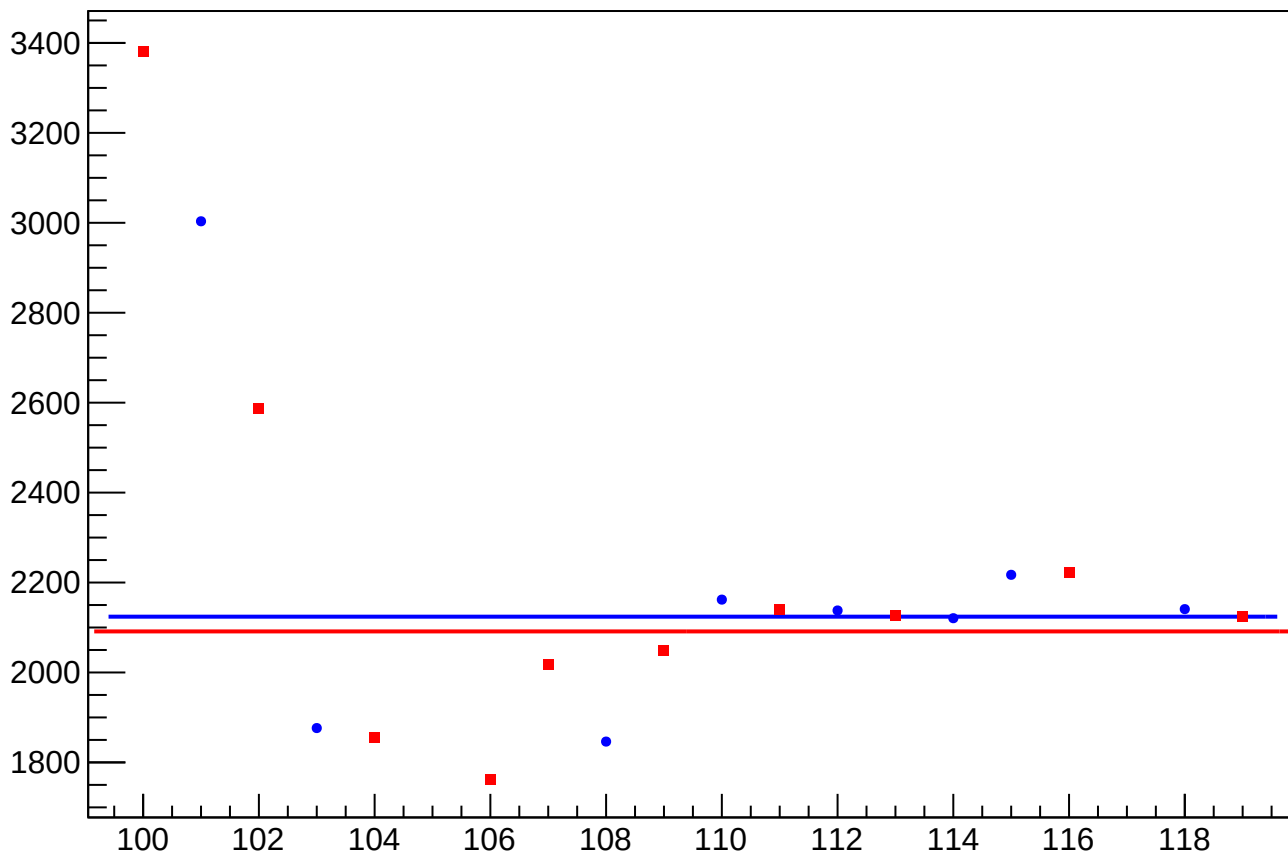
Right: 4394.084+/-792.039 χ^2/NDF : 5.8/17

In: 5143.117+/-1181.850 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4394.084+/-792.039 χ^2/NDF : 5.8/17

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2124.095+/-0.836 χ^2/NDF : 151239.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2091.300+/-0.748 χ^2/NDF : 100002.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

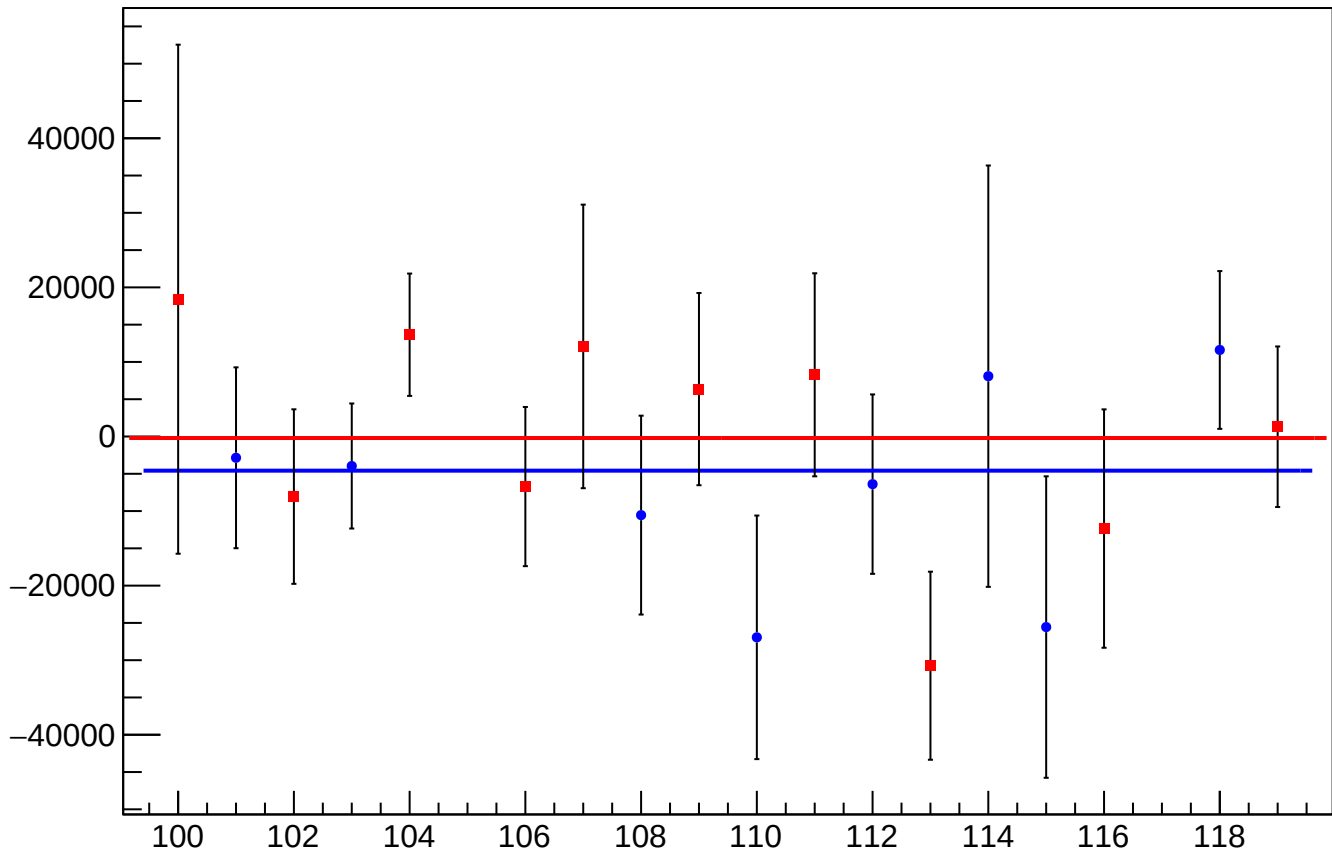
Right: 2105.889+/-0.557 χ^2/NDF : 252096.3/17

In: 2124.095+/-0.836 χ^2/NDF : 151239.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.889+/-0.557 χ^2/NDF : 252096.3/17

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -4580.745+/-4474.937 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.367+/-3928.236 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

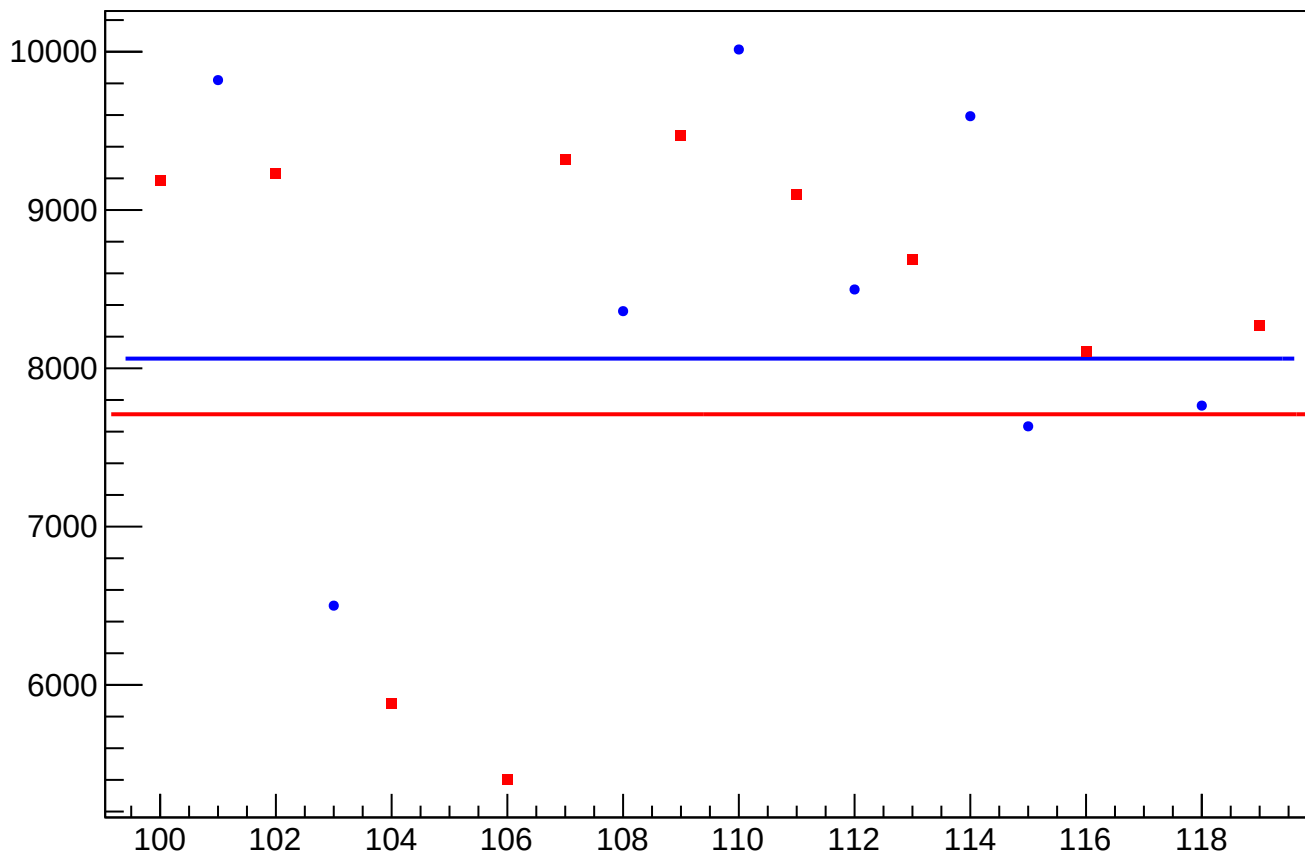
Right: -2107.904+/-2952.154 χ^2/NDF : 17.8/17

In: -4580.745+/-4474.937 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2107.904+/-2952.154 χ^2/NDF : 17.8/17

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8061.346+/-3.164 χ^2/NDF : 151968.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7709.757+/-2.778 χ^2/NDF : 321623.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

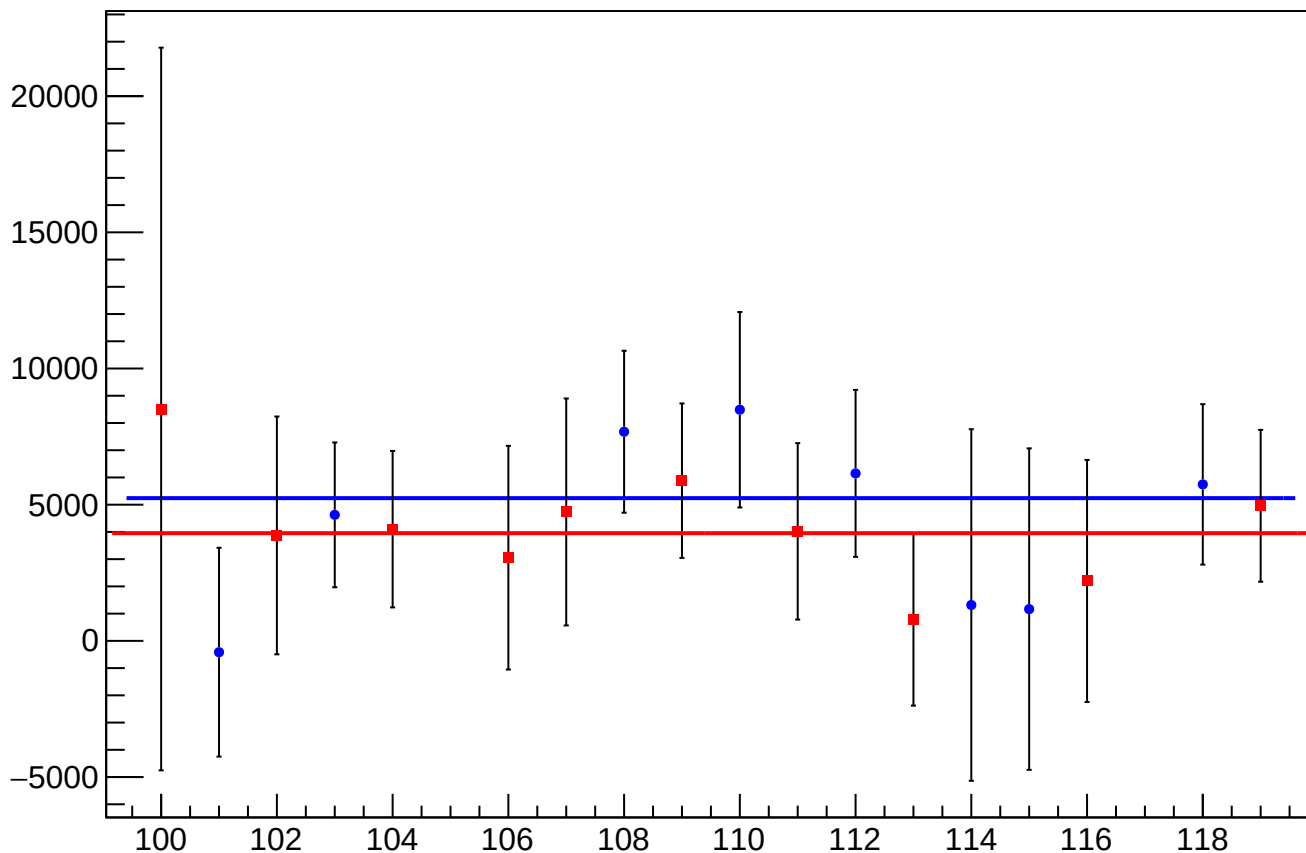
Right: 7862.774+/-2.087 χ^2/NDF : 480564.5/17

In: 8061.346+/-3.164 χ^2/NDF : 151968.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7862.774+/-2.087 χ^2/NDF : 480564.5/17

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5240.571+/-1217.382 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.027+/-1121.319 χ^2/NDF : 2.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

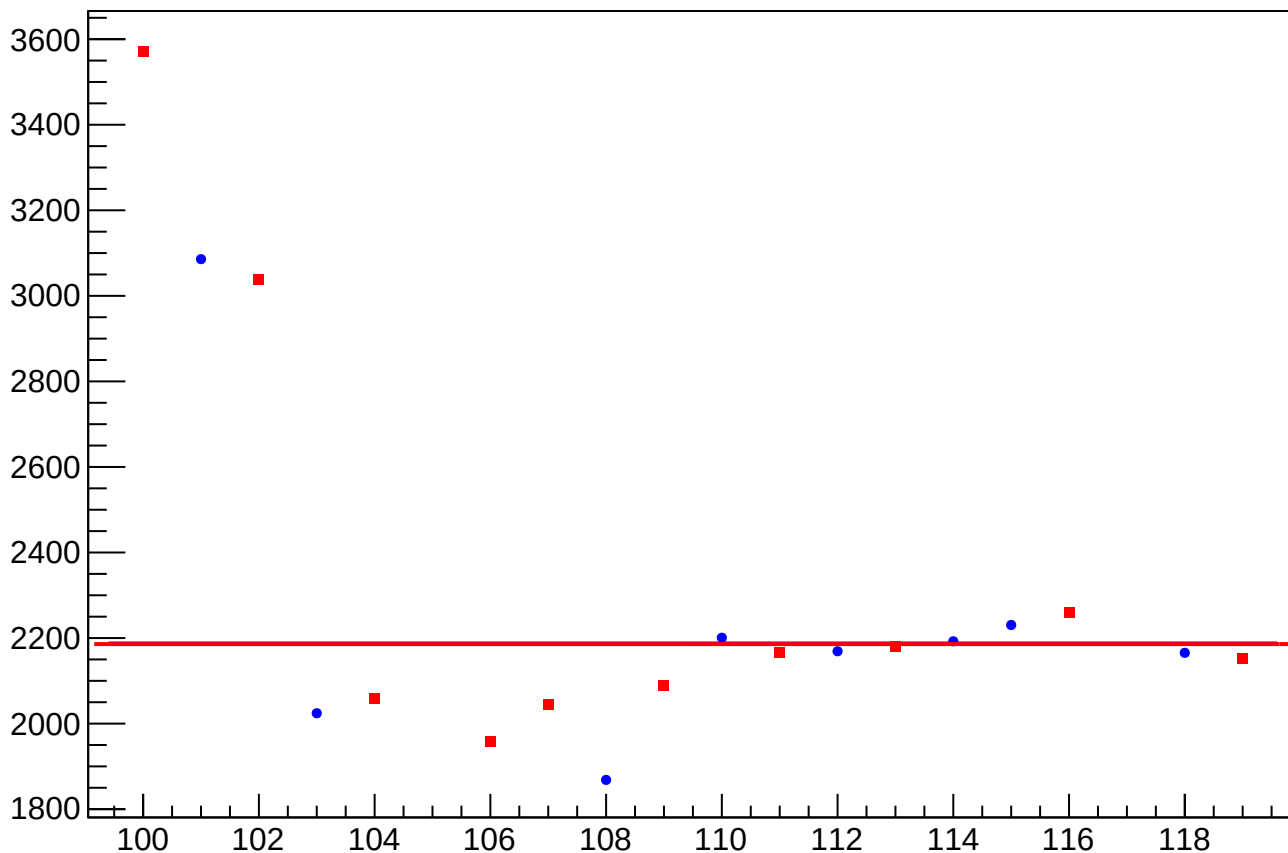
Right: 4544.543+/-824.765 χ^2/NDF : 7.2/17

In: 5240.571+/-1217.382 χ^2/NDF : 4.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4544.543+/-824.765 χ^2/NDF : 7.2/17

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2187.214+/-0.861 χ^2/NDF : 140713.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2185.856+/-0.792 χ^2/NDF : 114026.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

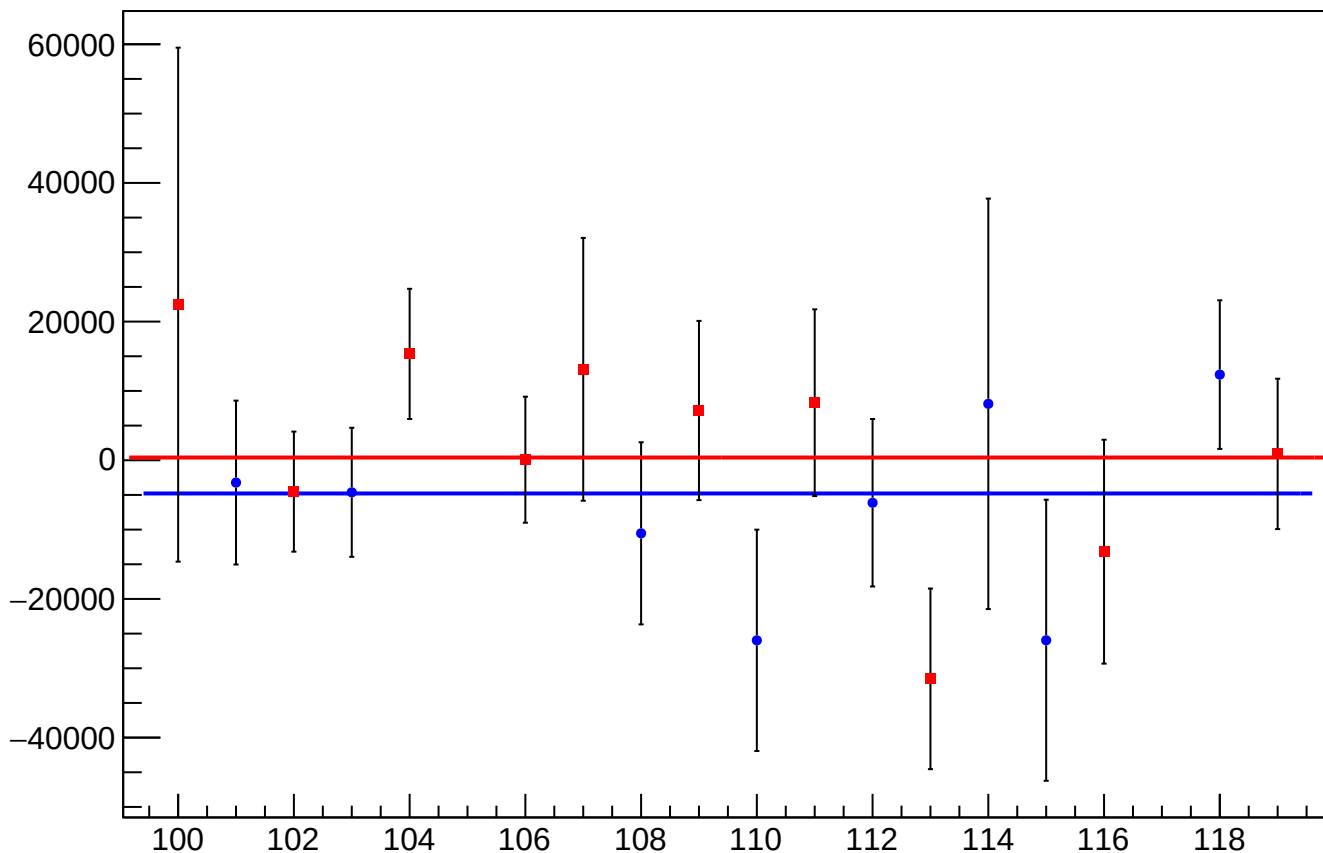
Right: 2186.478+/-0.583 χ^2/NDF : 254741.1/17

In: 2187.214+/-0.861 χ^2/NDF : 140713.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2186.478+/-0.583 χ^2/NDF : 254741.1/17

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -4788.255+/-4585.450 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.110+/-3778.307 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

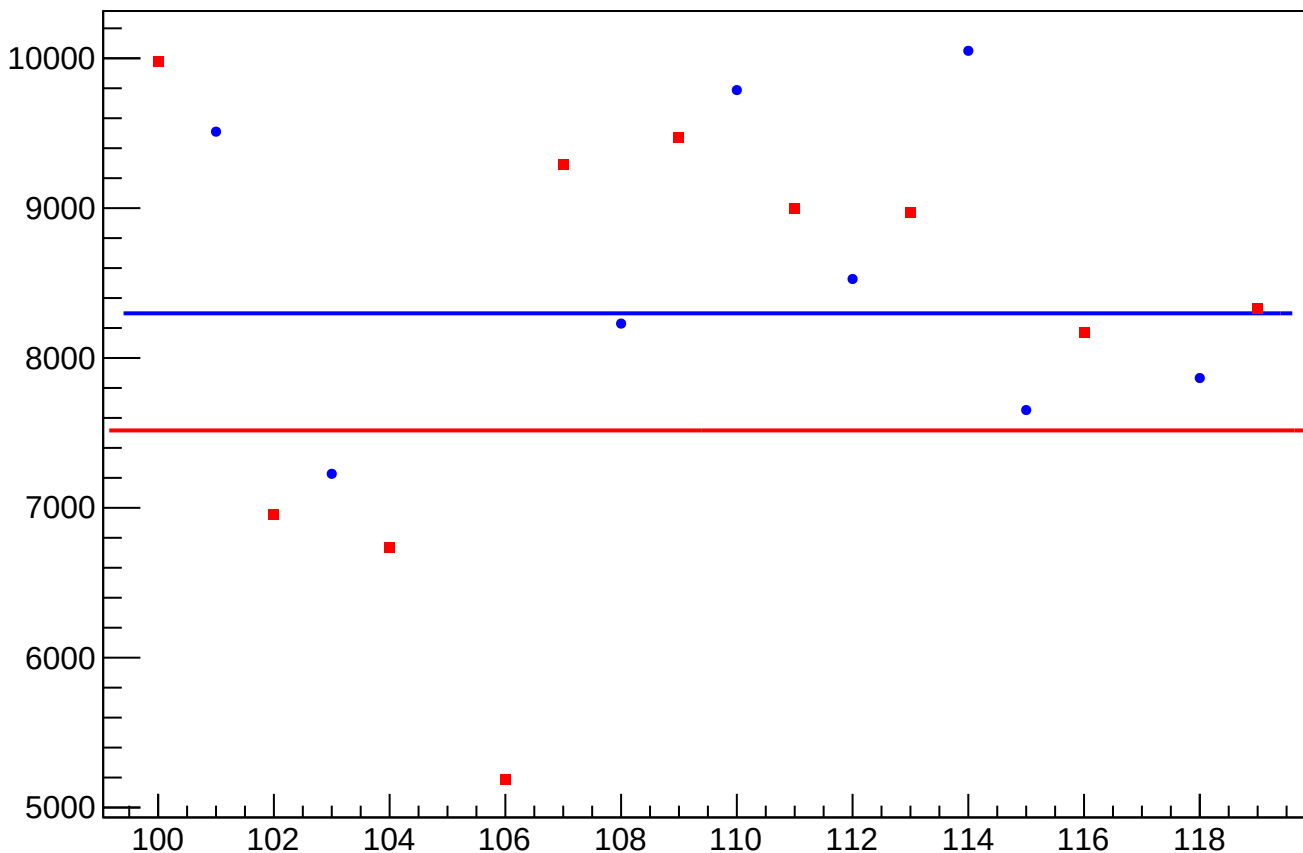
Right: -1700.373+/-2915.948 χ^2/NDF : 17.6/17

In: -4788.255+/-4585.450 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1700.373+/-2915.948 χ^2/NDF : 17.6/17

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8298.013+/-3.242 χ^2/NDF : 78004.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7516.436+/-2.672 χ^2/NDF : 289569.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

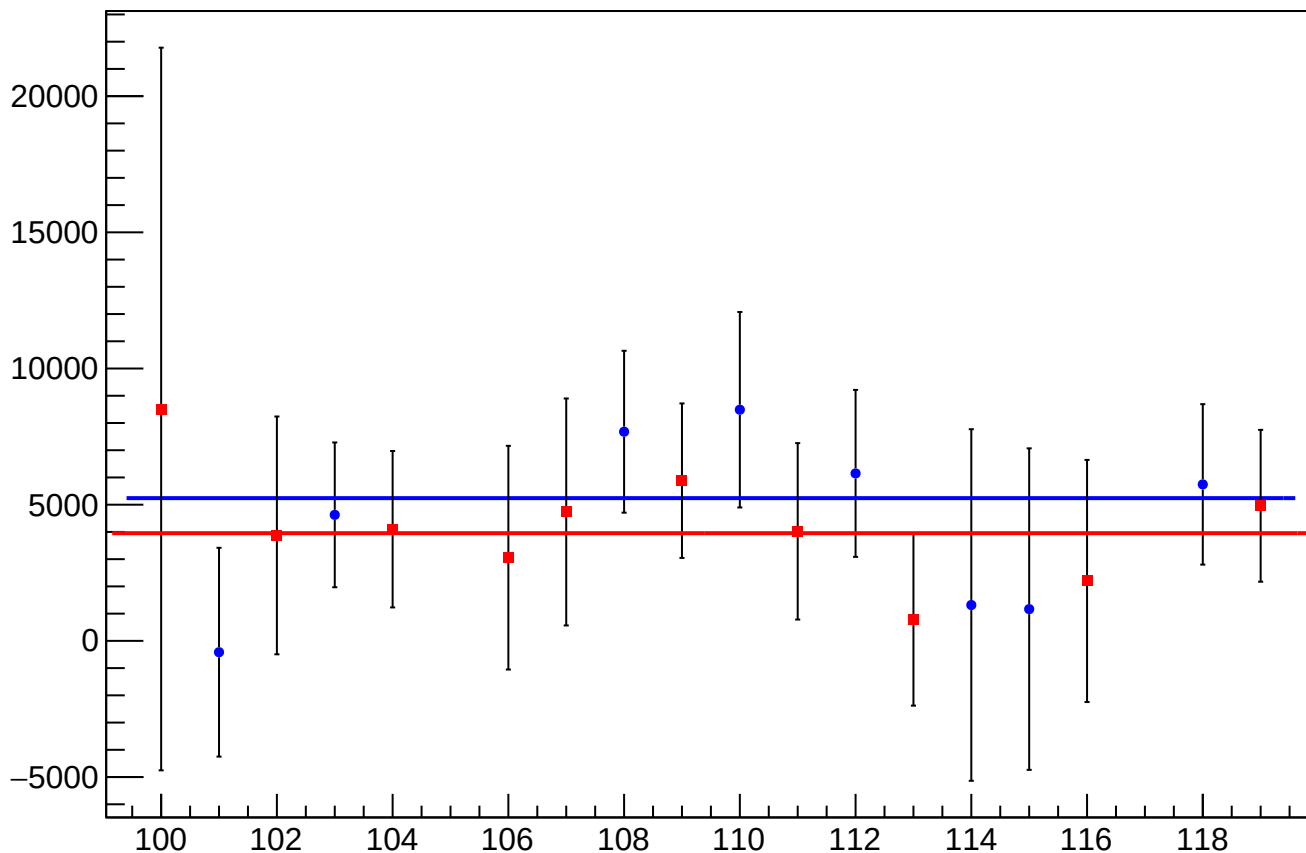
Right: 7832.494+/-2.062 χ^2/NDF : 402181.8/17

In: 8298.013+/-3.242 χ^2/NDF : 78004.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7832.494+/-2.062 χ^2/NDF : 402181.8/17

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5240.578+/-1217.381 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3954.035+/-1121.318 χ^2/NDF : 2.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

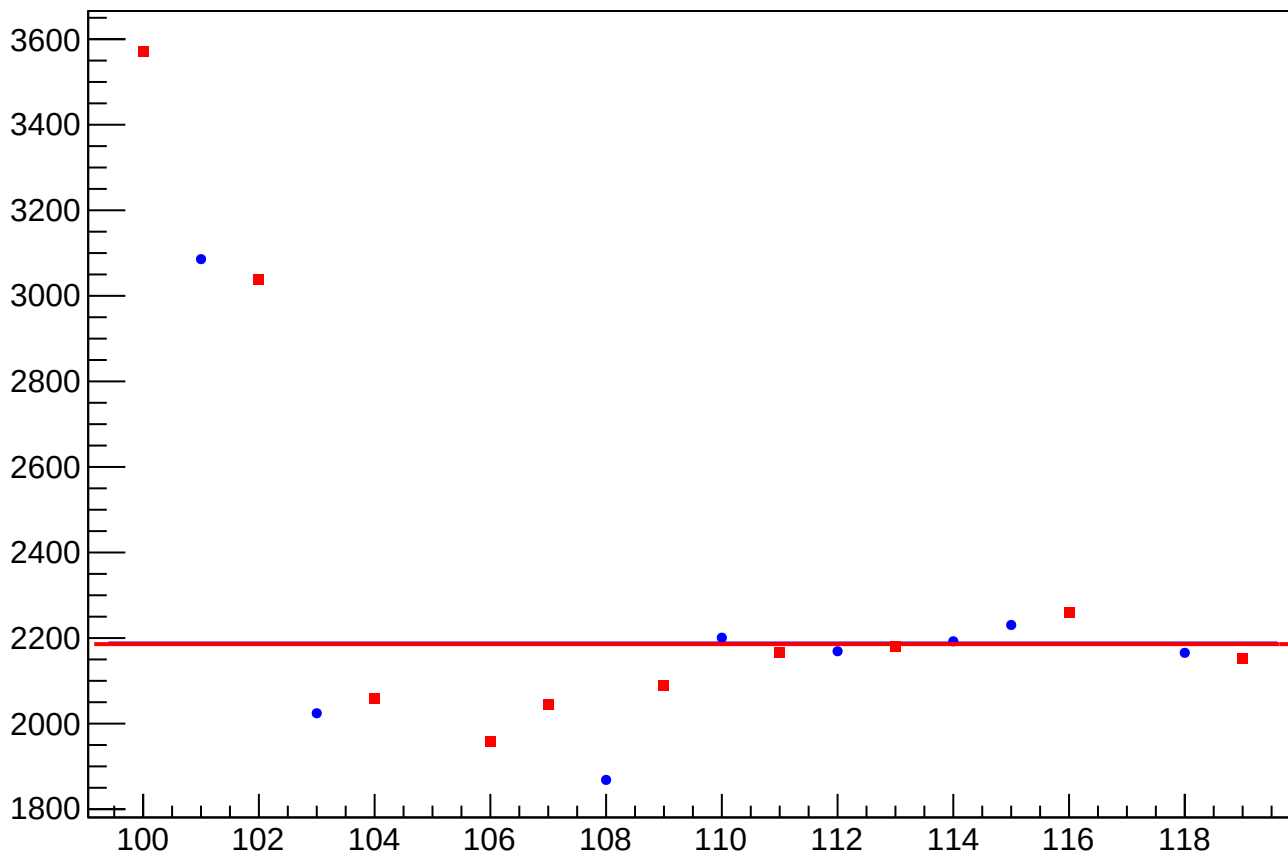
Right: 4544.550+/-824.765 χ^2/NDF : 7.2/17

In: 5240.578+/-1217.381 χ^2/NDF : 4.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4544.550+/-824.765 χ^2/NDF : 7.2/17

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2187.213+/-0.861 χ^2/NDF : 140713.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2185.855+/-0.792 χ^2/NDF : 114025.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

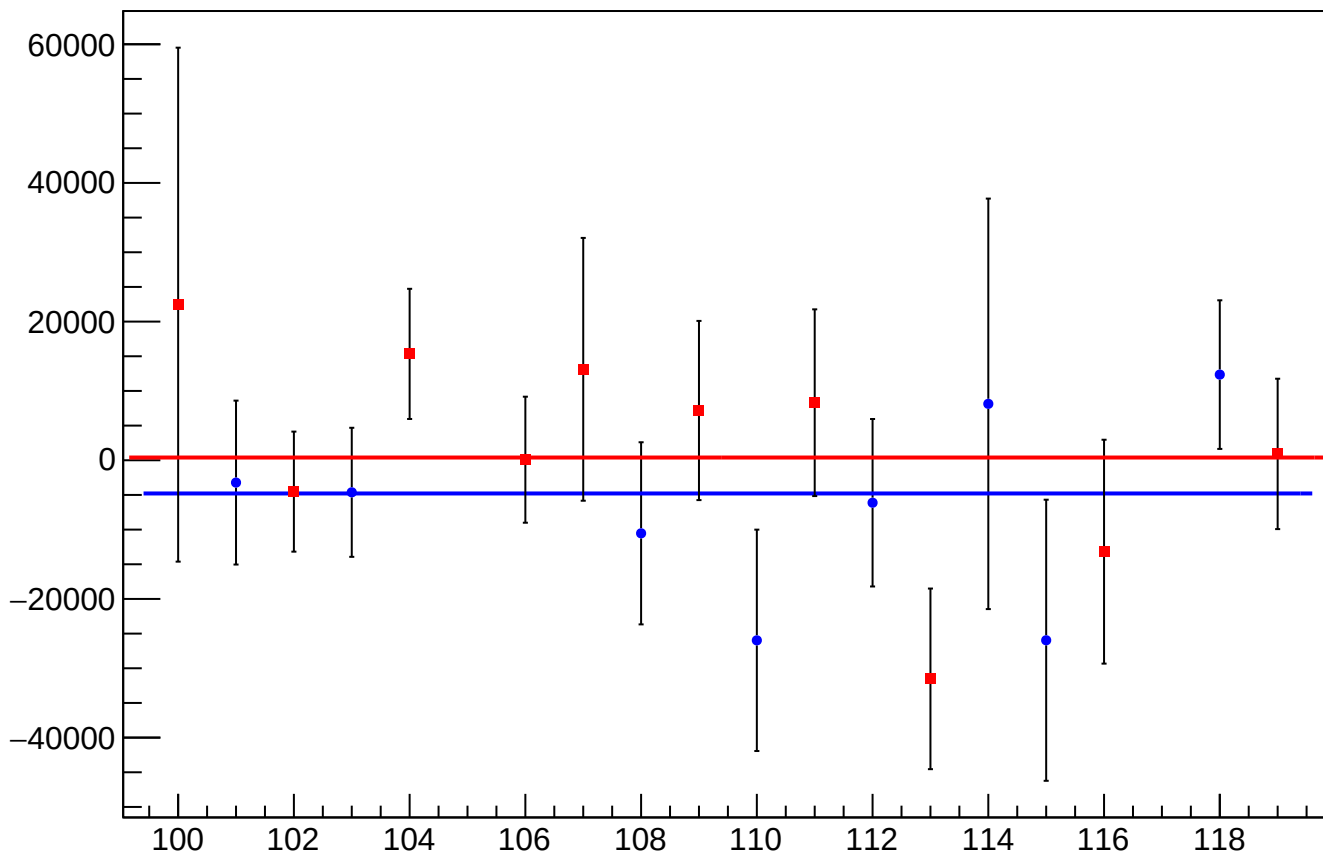
Right: 2186.477+/-0.583 χ^2/NDF : 254740.9/17

In: 2187.213+/-0.861 χ^2/NDF :140713.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2186.477+/-0.583 χ^2/NDF : 254740.9/17

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -4788.239+/-4585.440 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 396.116+/-3778.298 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

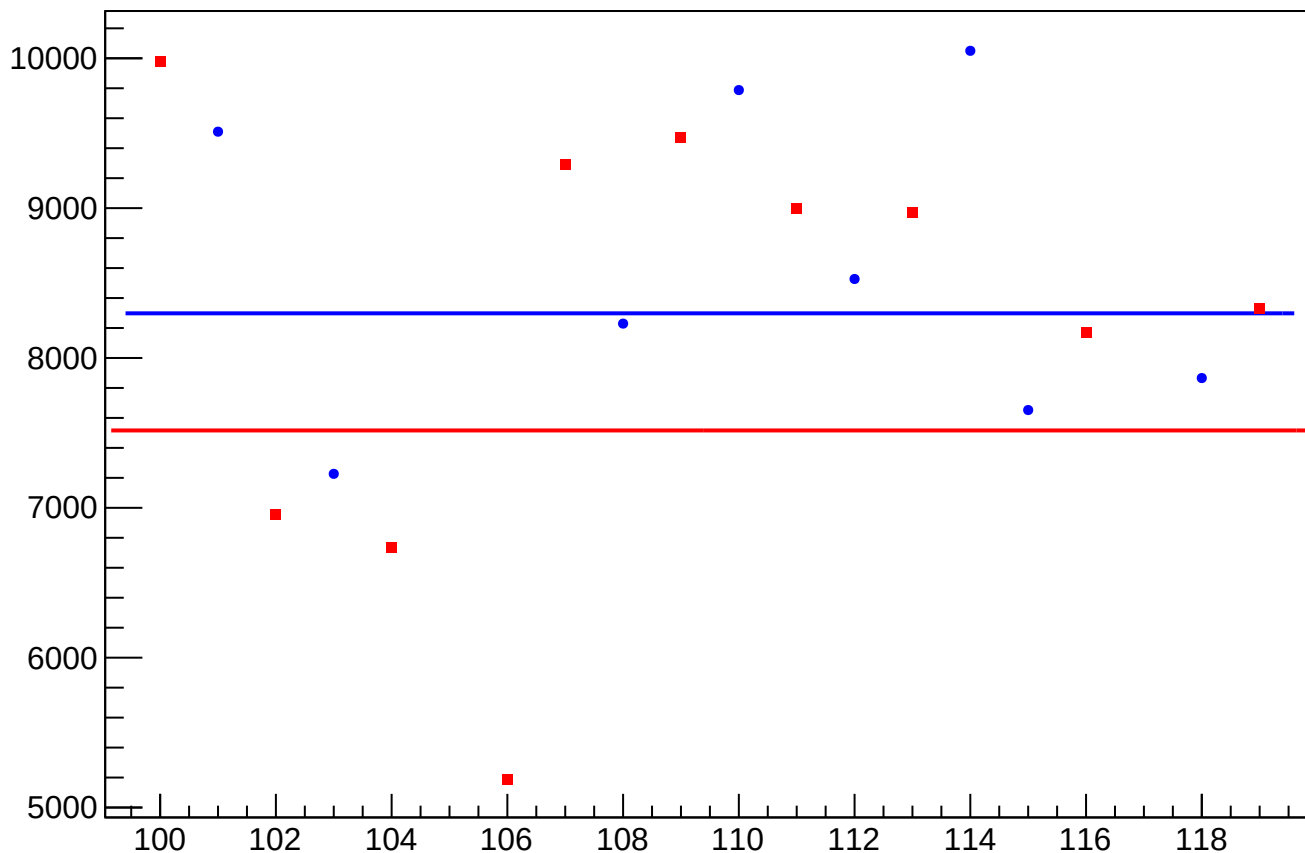
Right: -1700.362+/-2915.942 χ^2/NDF : 17.6/17

In: -4788.239+/-4585.440 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1700.362+/-2915.942 χ^2/NDF : 17.6/17

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8297.994+/-3.242 χ^2/NDF : 78004.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7516.420+/-2.672 χ^2/NDF : 289567.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

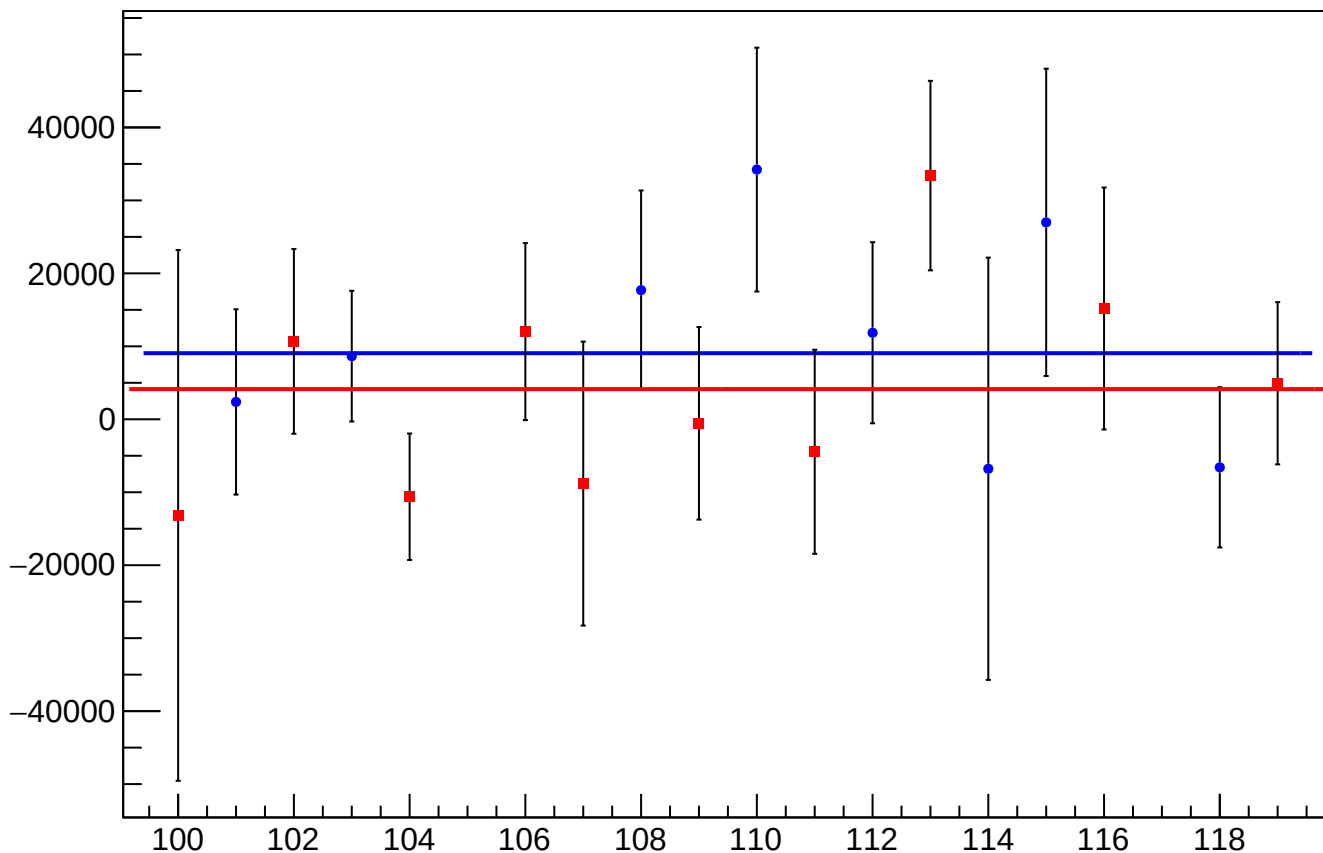
Right: 7832.477+/-2.062 χ^2/NDF : 402179.7/17

In: 8297.994+/-3.242 χ^2/NDF : 78004.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7832.477+/-2.062 χ^2/NDF : 402179.7/17

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 9057.994+/-4671.063 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4137.474+/-4143.535 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

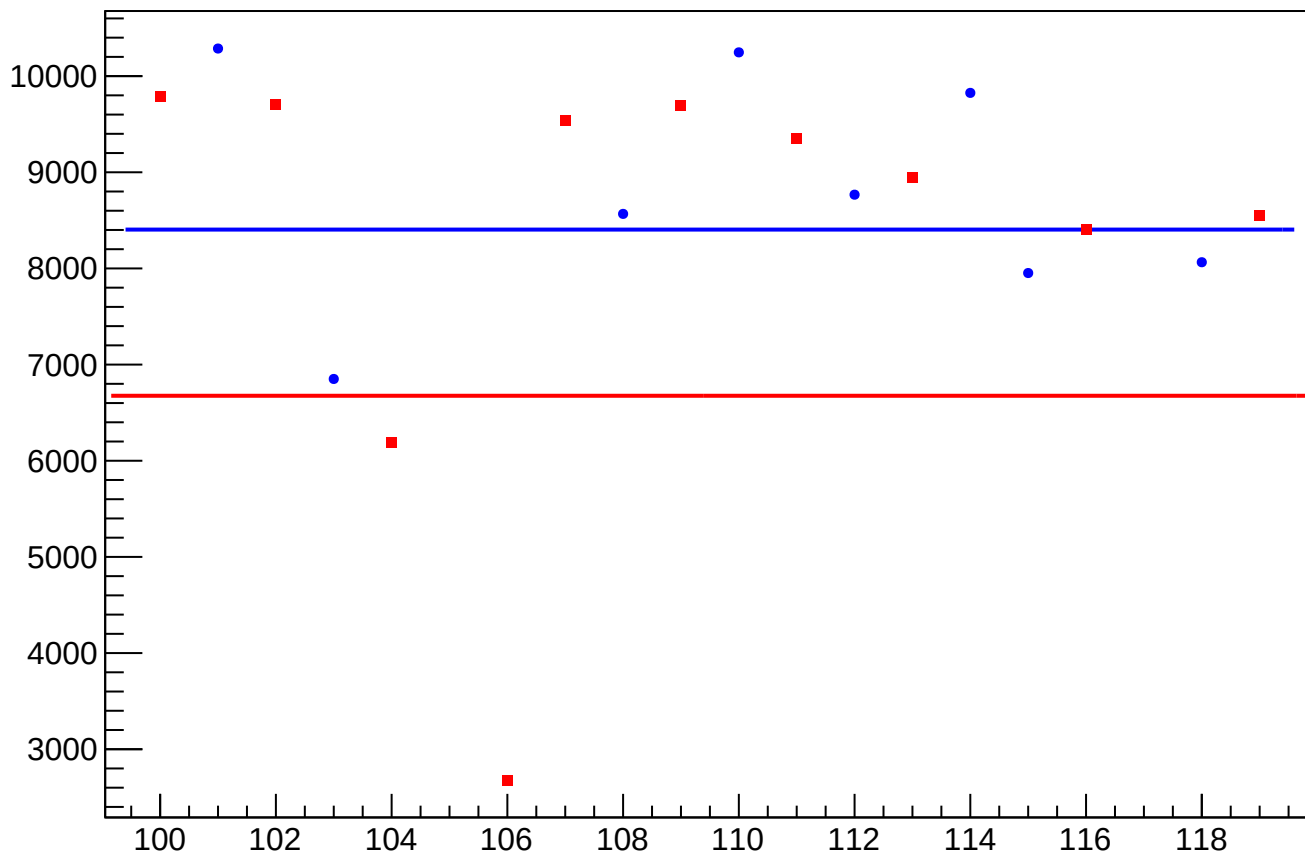
Right: 6304.306+/-3099.723 χ^2/NDF : 17.0/17

In: 9057.994+/-4671.063 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6304.306+/-3099.723 χ^2/NDF : 17.0/17

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8404.028+/-3.303 χ^2/NDF : 138093.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6675.811+/-2.608 χ^2/NDF : 1202795.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

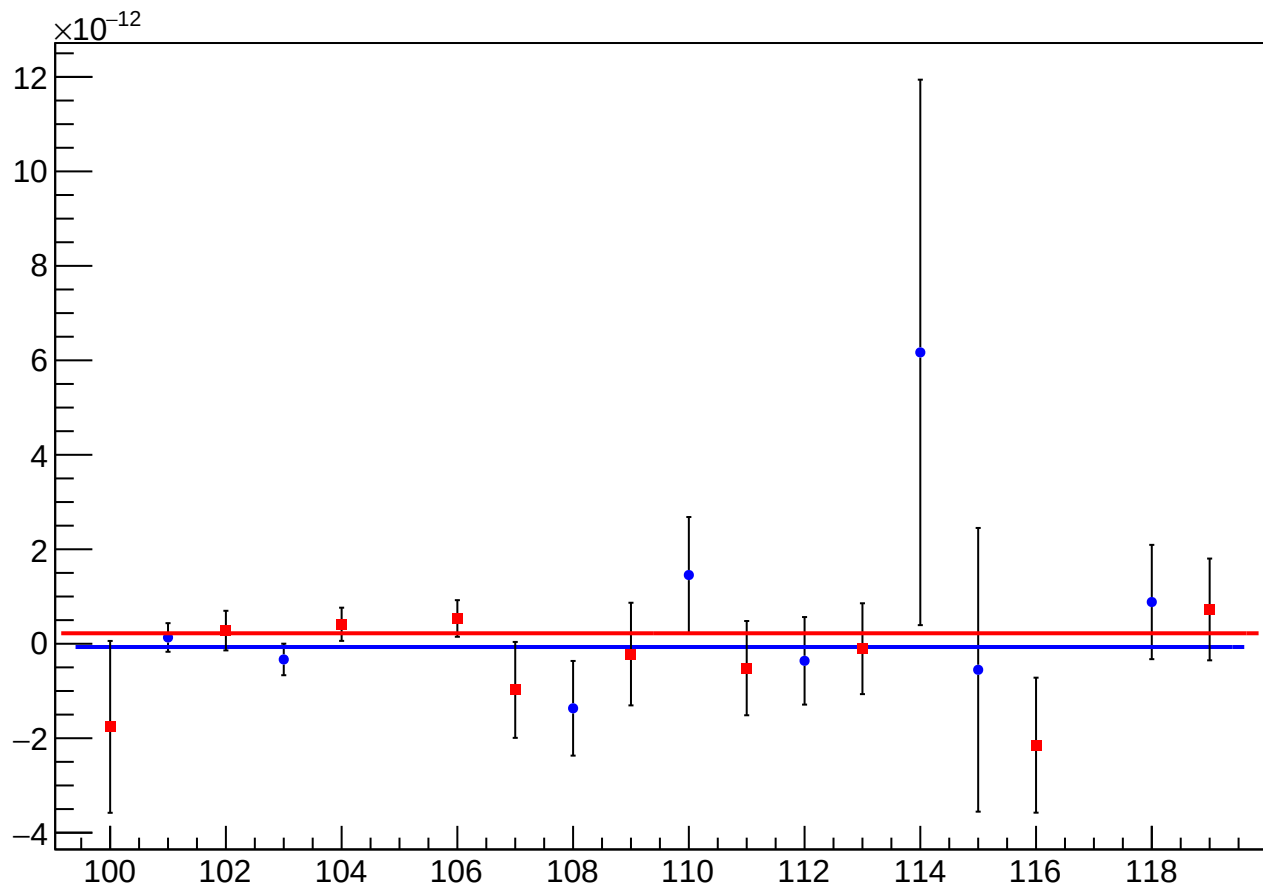
Right: 7339.477+/-2.047 χ^2/NDF : 1509537.4/17

In: 8404.028+/-3.303 χ^2/NDF : 138093.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7339.477+/-2.047 χ^2/NDF : 1509537.4/17

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

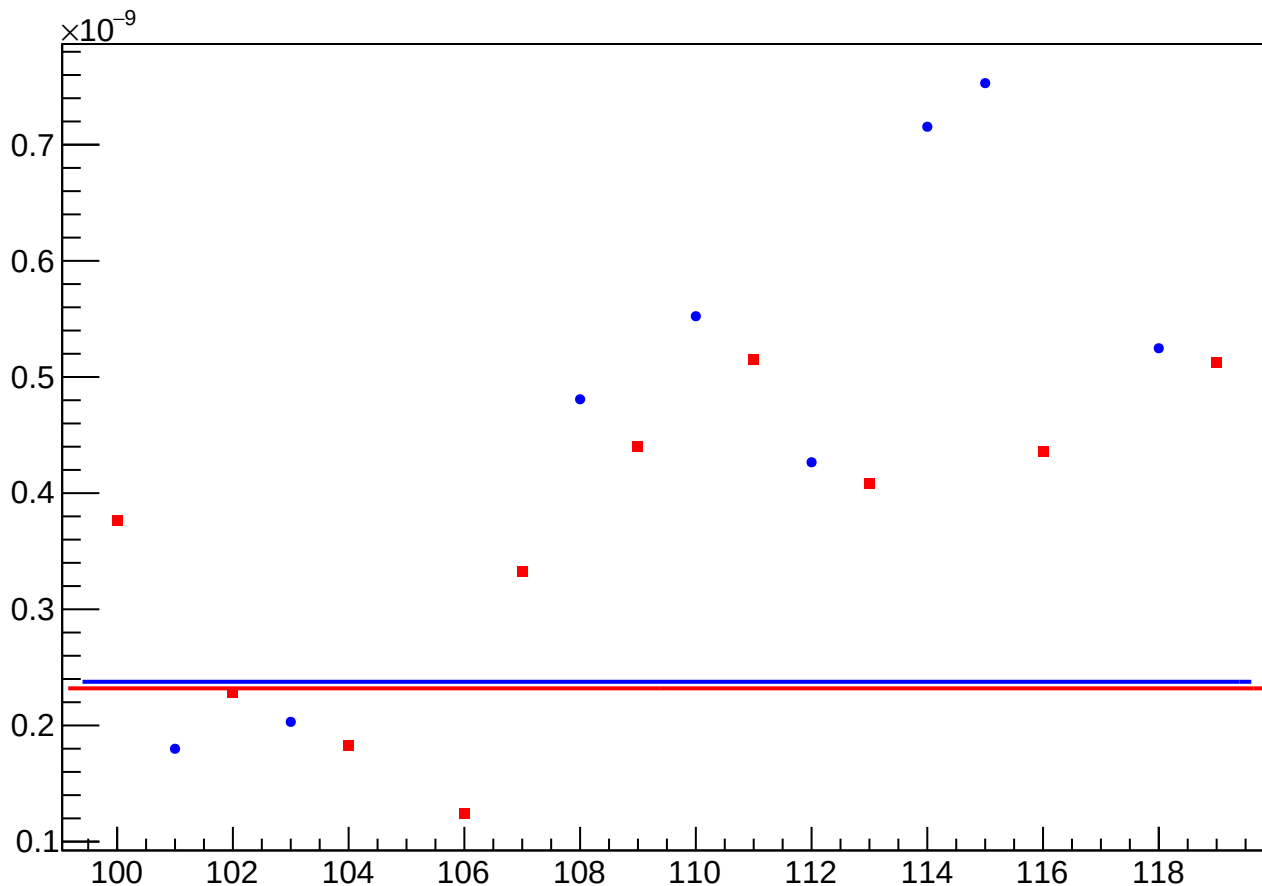
Right: 0.000+/-0.000 χ^2/NDF : 14.6/17

In: -0.000+/-0.000 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/17

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 611492.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 704371.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

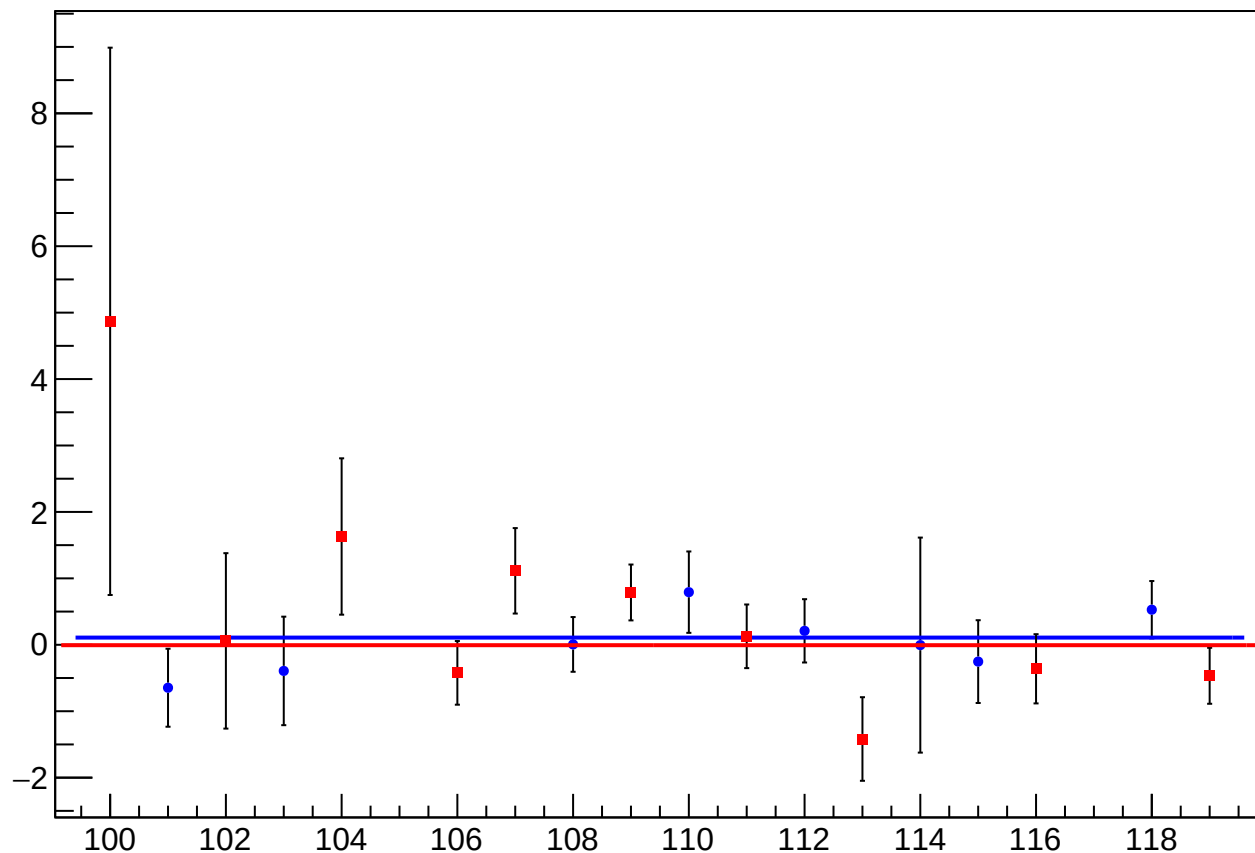
Right: 0.000+/-0.000 χ^2/NDF : 1316657.2/17

In: 0.000+/-0.000 χ^2/NDF : 611492.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1316657.2/17

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.108 $\pm$ 0.197 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.183 χ^2 /NDF: 17.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

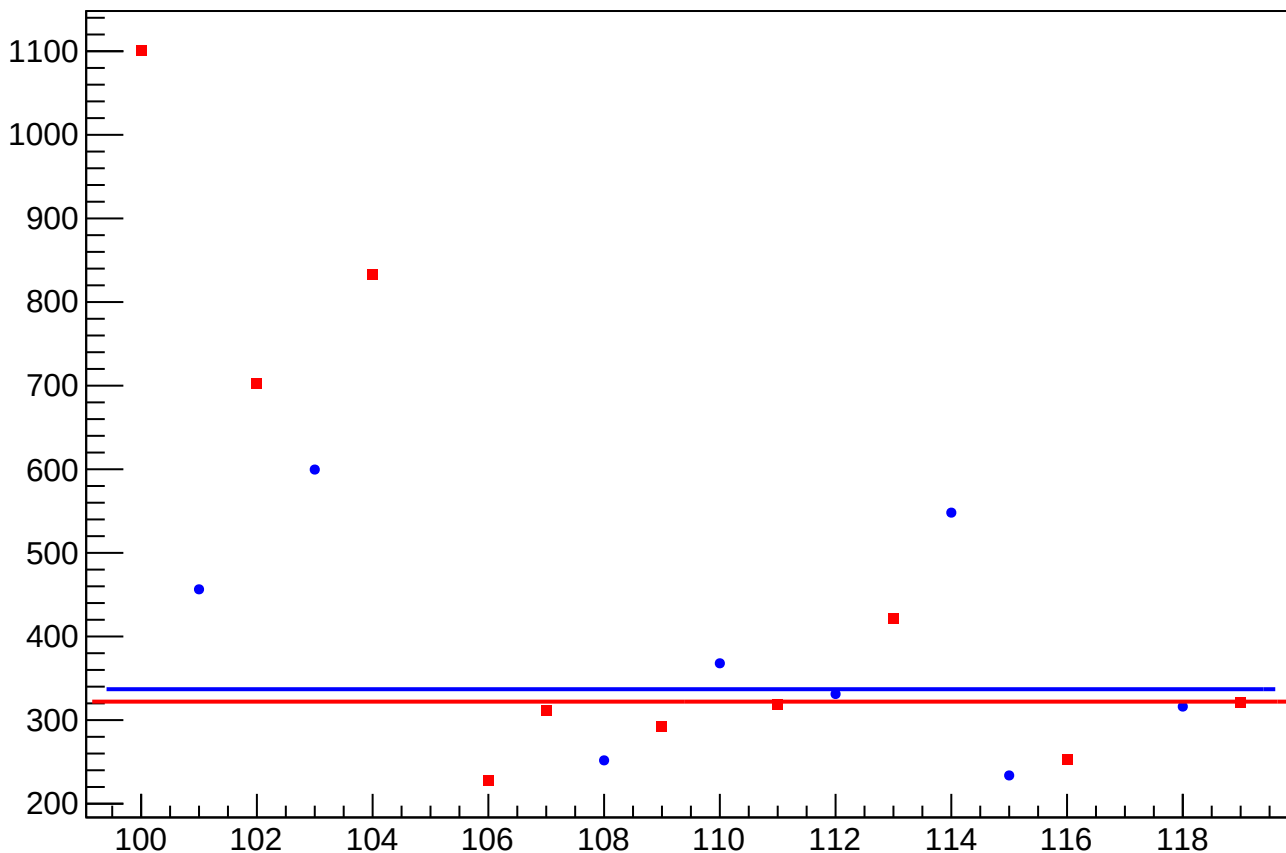
Right: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

In: 0.108 $\pm$ 0.197 χ^2 /NDF:4.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.948+/-0.140 χ^2/NDF : 474062.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.085+/-0.129 χ^2/NDF : 788328.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

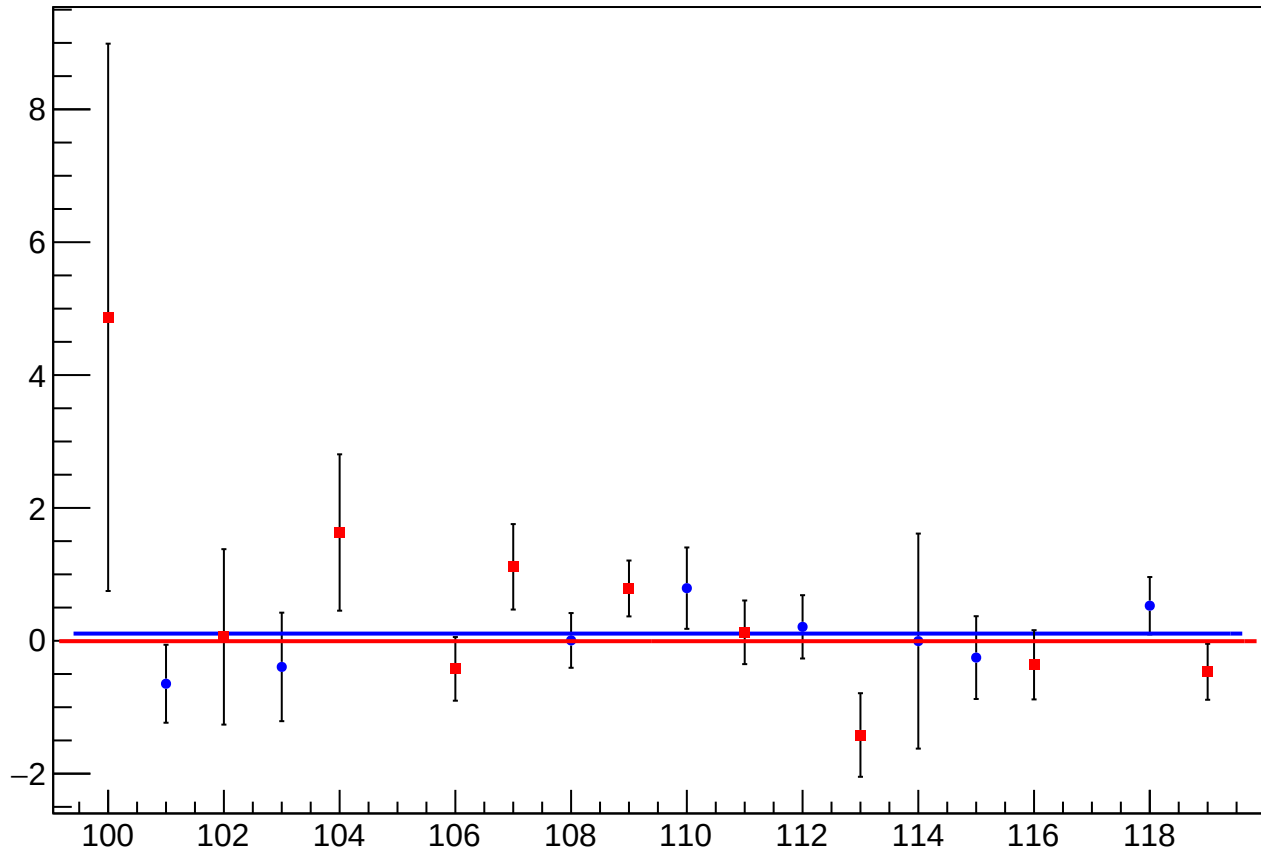
Right: 328.944+/-0.095 χ^2/NDF : 1268503.8/17

In: 336.948+/-0.140 χ^2/NDF : 474062.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.944+/-0.095 χ^2/NDF : 1268503.8/17

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.108 $\pm$ 0.197 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.183 χ^2 /NDF: 17.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

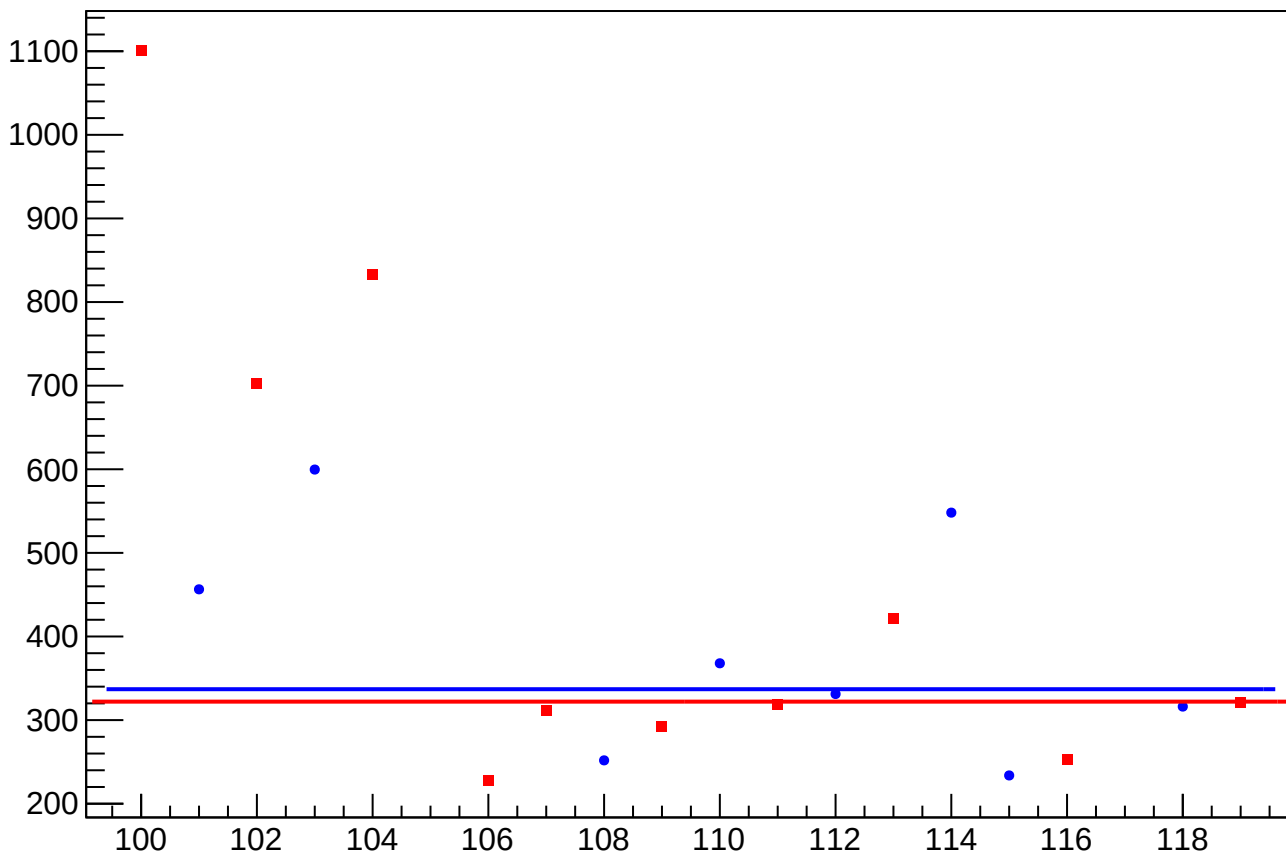
Right: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

In: 0.108 $\pm$ 0.197 χ^2 /NDF:4.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.948+/-0.140 χ^2/NDF : 474062.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.085+/-0.129 χ^2/NDF : 788328.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

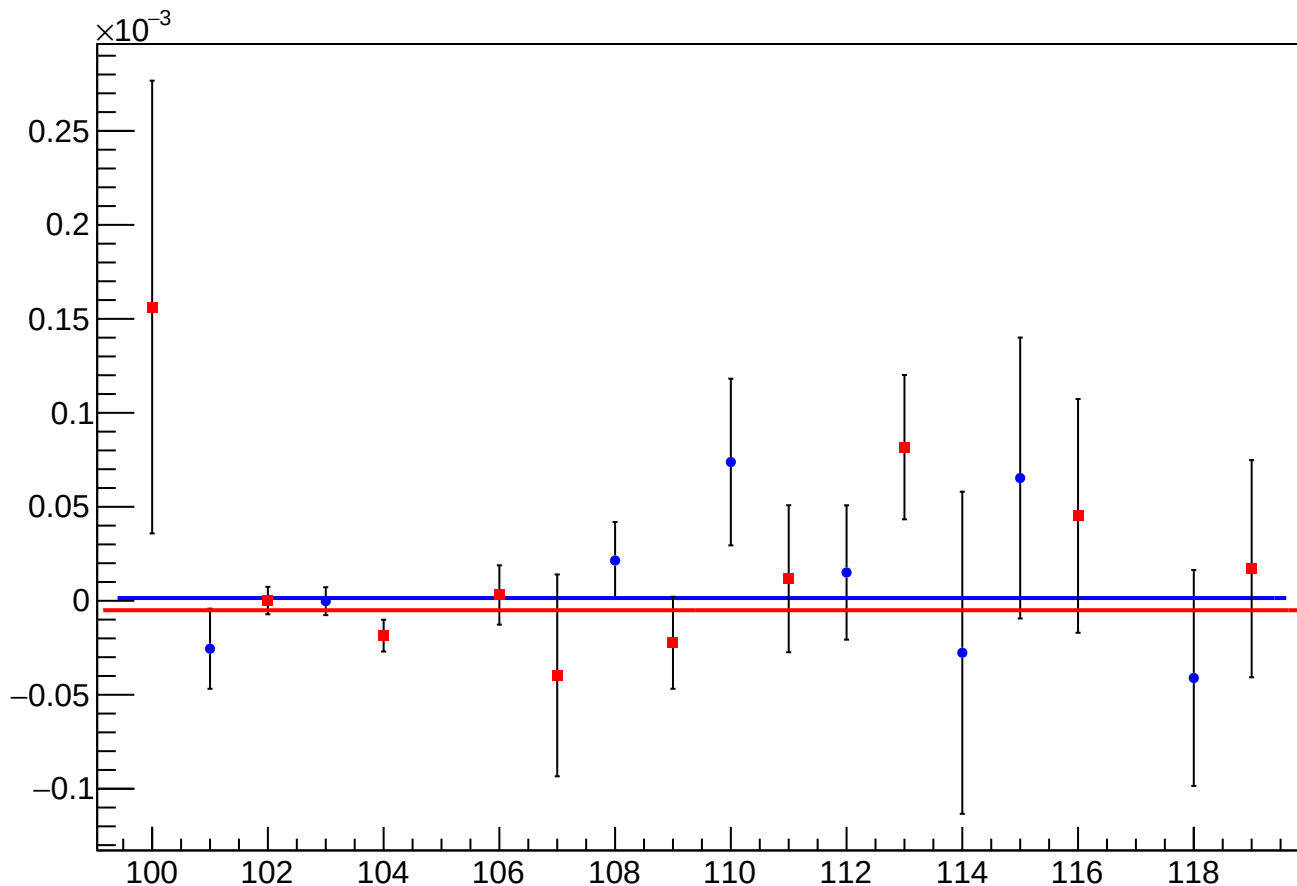
Right: 328.944+/-0.095 χ^2/NDF : 1268503.8/17

In: 336.948+/-0.140 χ^2/NDF : 474062.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.944+/-0.095 χ^2/NDF : 1268503.8/17

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 : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

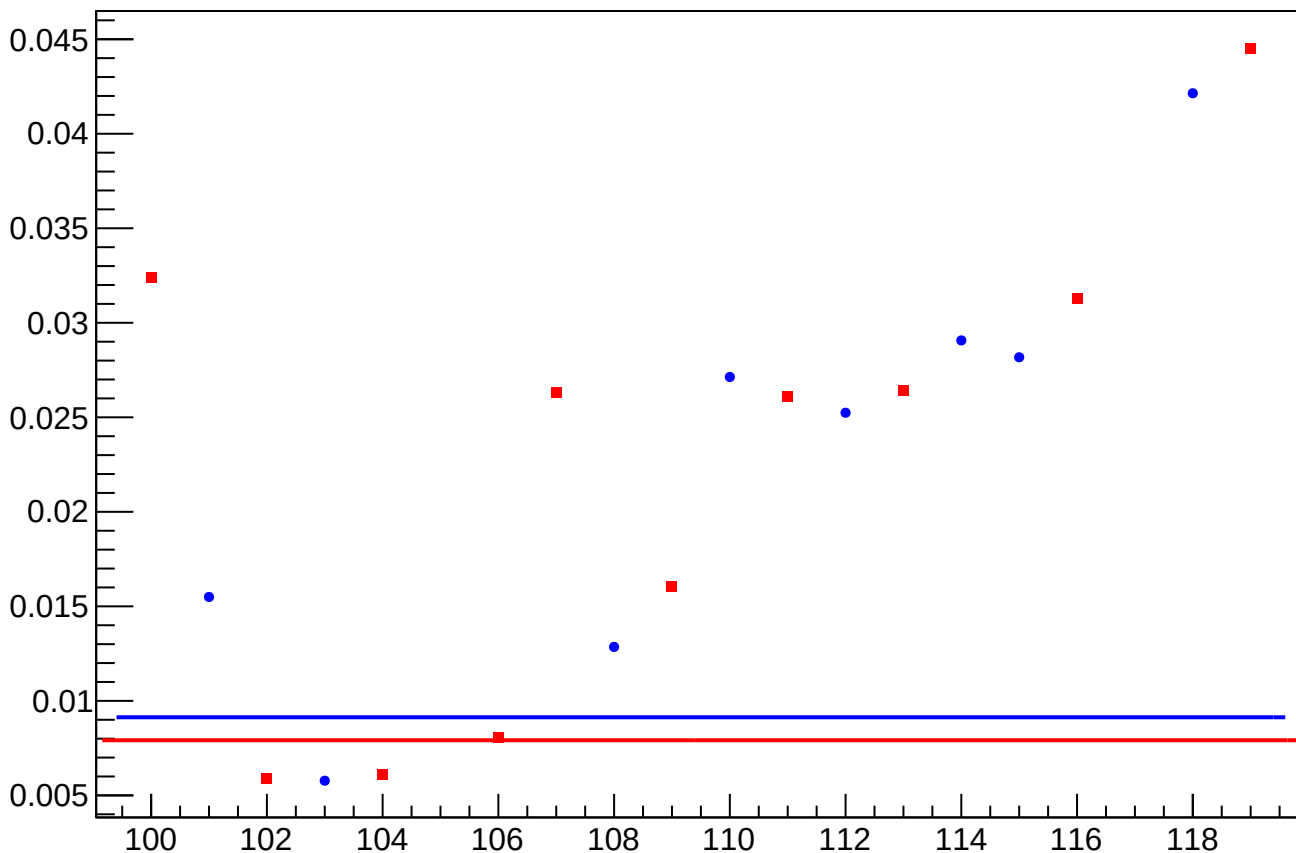
Right: -0.000+/-0.000 χ^2/NDF : 19.6/17

In: 0.000+/-0.000 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/17

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 2287275.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 2771684.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

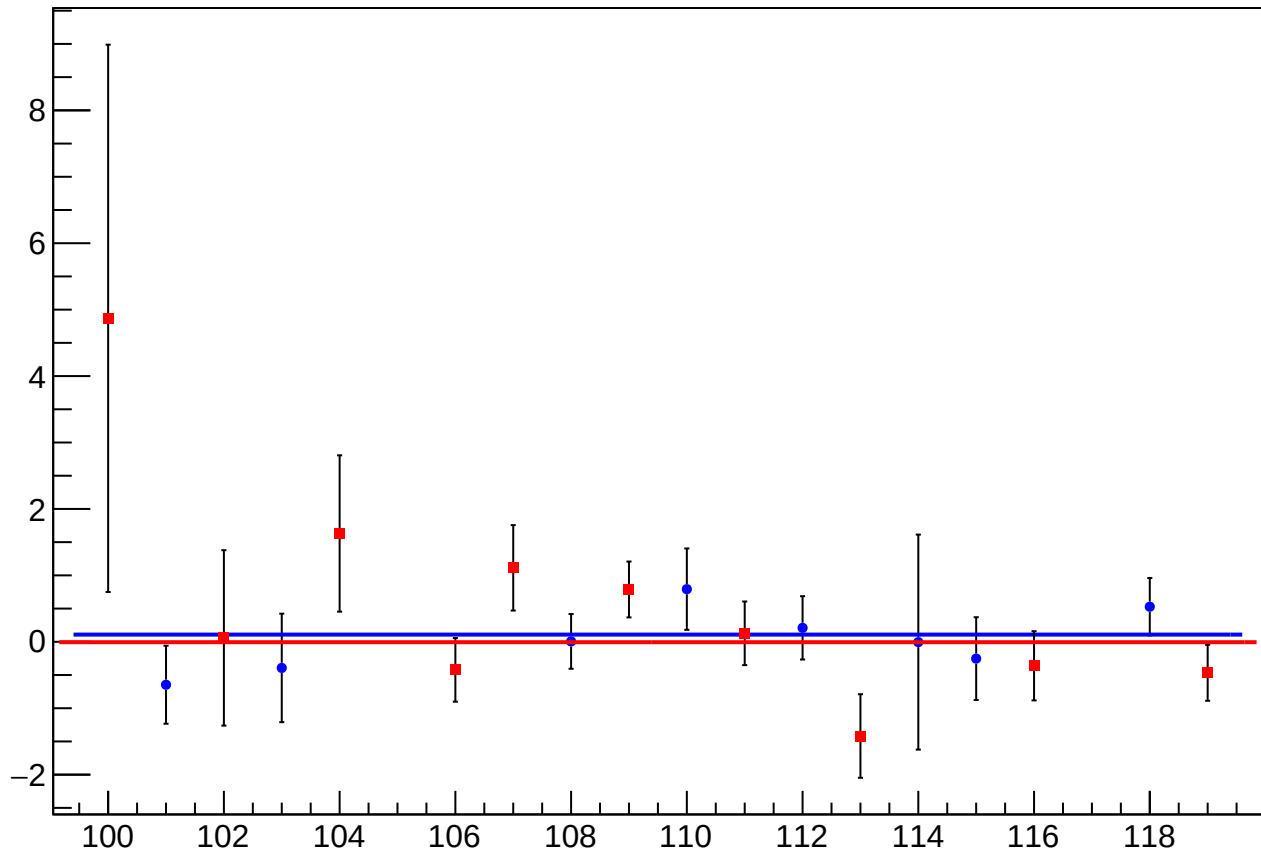
Right: 0.008+/-0.000 χ^2/NDF : 5104274.4/17

In: 0.009+/-0.000 χ^2/NDF : 2287275.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 5104274.4/17

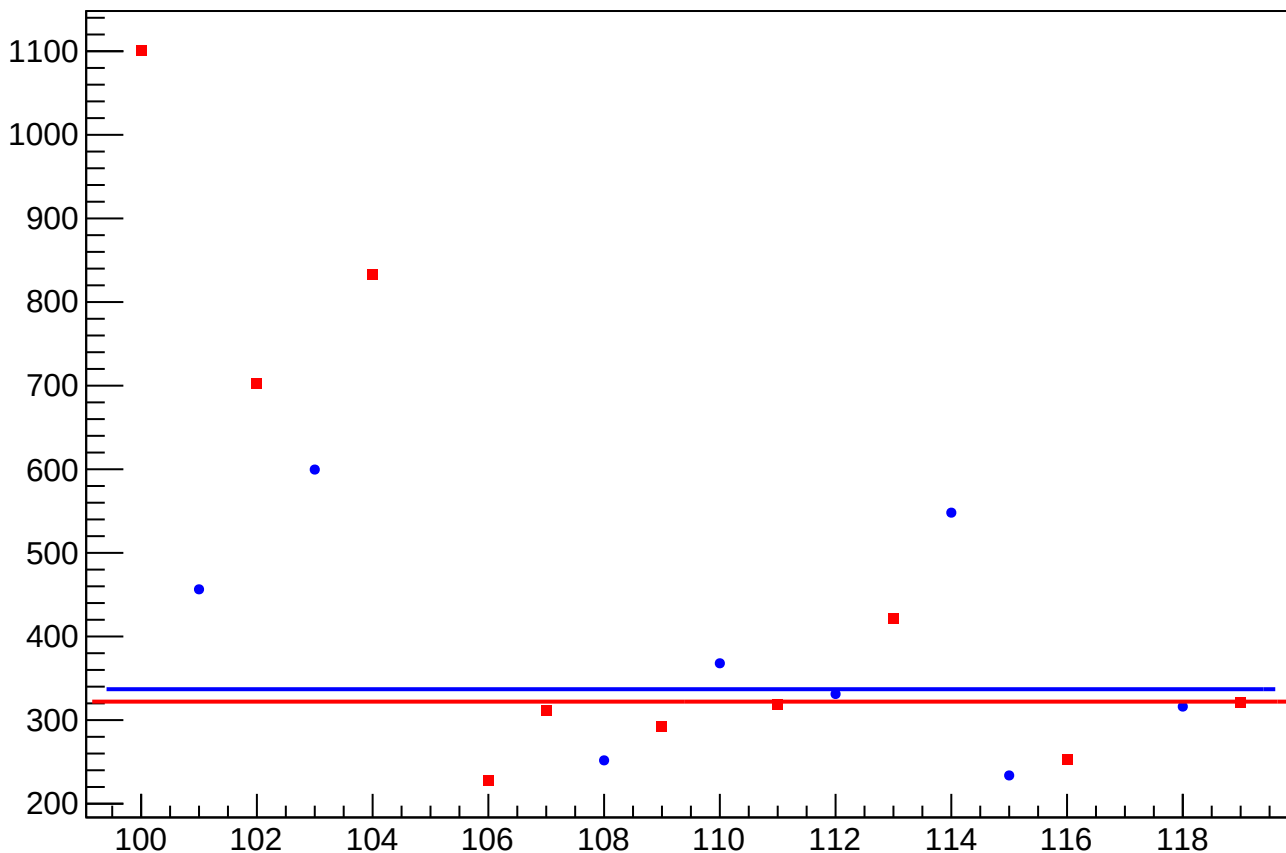
asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.108 $\pm$ 0.197 χ^2 /NDF: 4.7/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.006 $\pm$ 0.183 χ^2 /NDF: 17.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17
 In: 0.108 $\pm$ 0.197 χ^2 /NDF:4.7/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.949+/-0.140 χ^2/NDF : 474043.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.087+/-0.129 χ^2/NDF : 788310.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

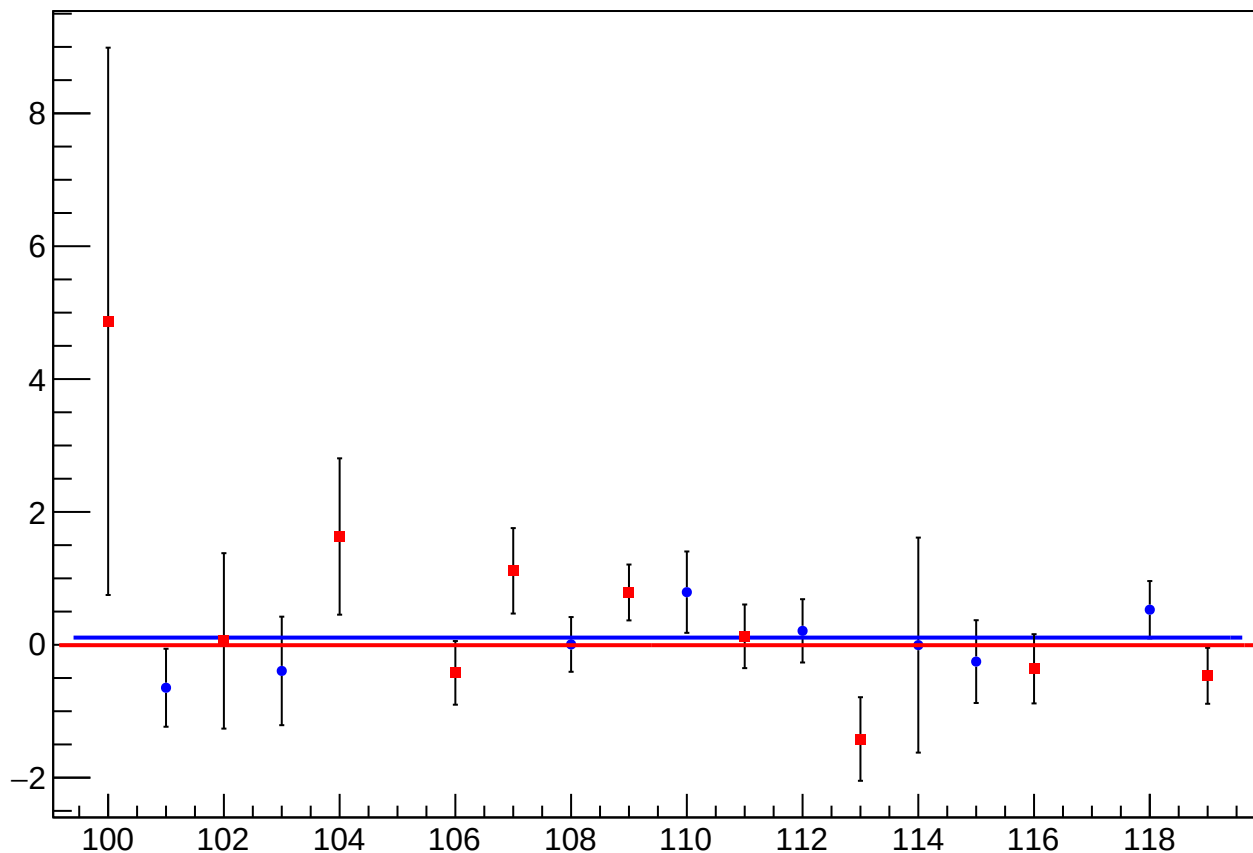
Right: 328.945+/-0.095 χ^2/NDF : 1268466.1/17

In: 336.949+/-0.140 χ^2/NDF : 474043.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.945+/-0.095 χ^2/NDF : 1268466.1/17

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.108 $\pm$ 0.197 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.183 χ^2 /NDF: 17.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

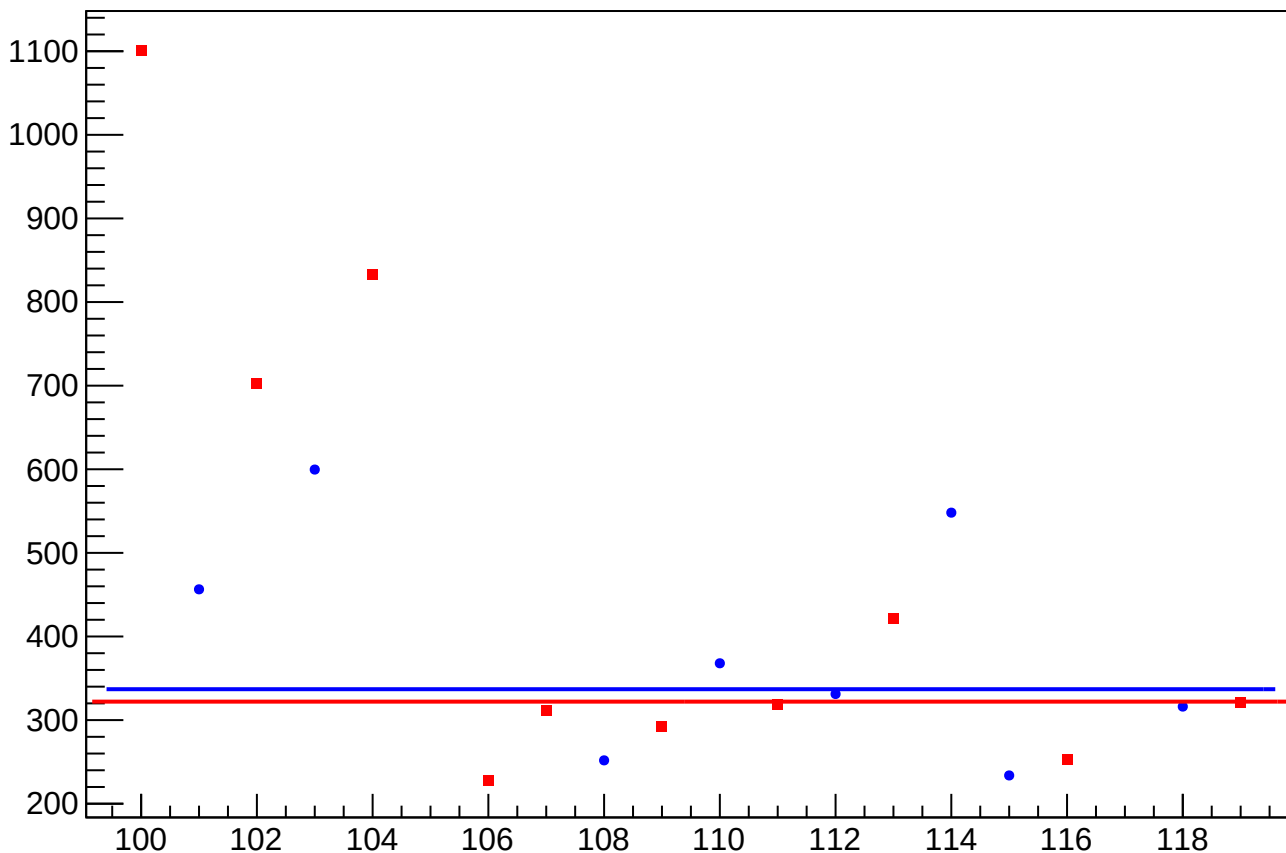
Right: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

In: 0.108 $\pm$ 0.197 χ^2 /NDF:4.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.047 $\pm$ 0.134 χ^2 /NDF: 22.3/17

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 336.949+/-0.140 χ^2/NDF : 474043.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.087+/-0.129 χ^2/NDF : 788310.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

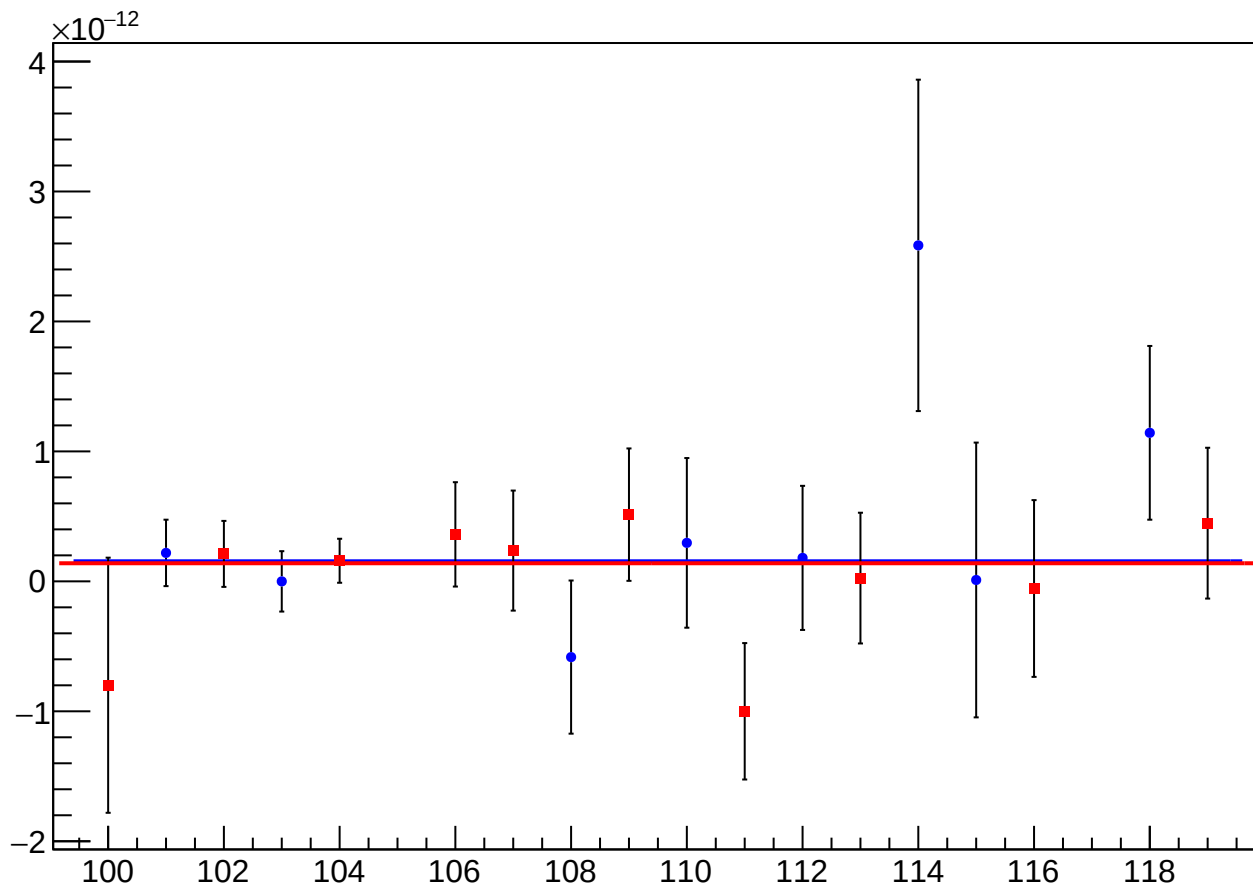
Right: 328.945+/-0.095 χ^2/NDF : 1268466.1/17

In: 336.949+/-0.140 χ^2/NDF : 474043.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.945+/-0.095 χ^2/NDF : 1268466.1/17

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 : 8.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

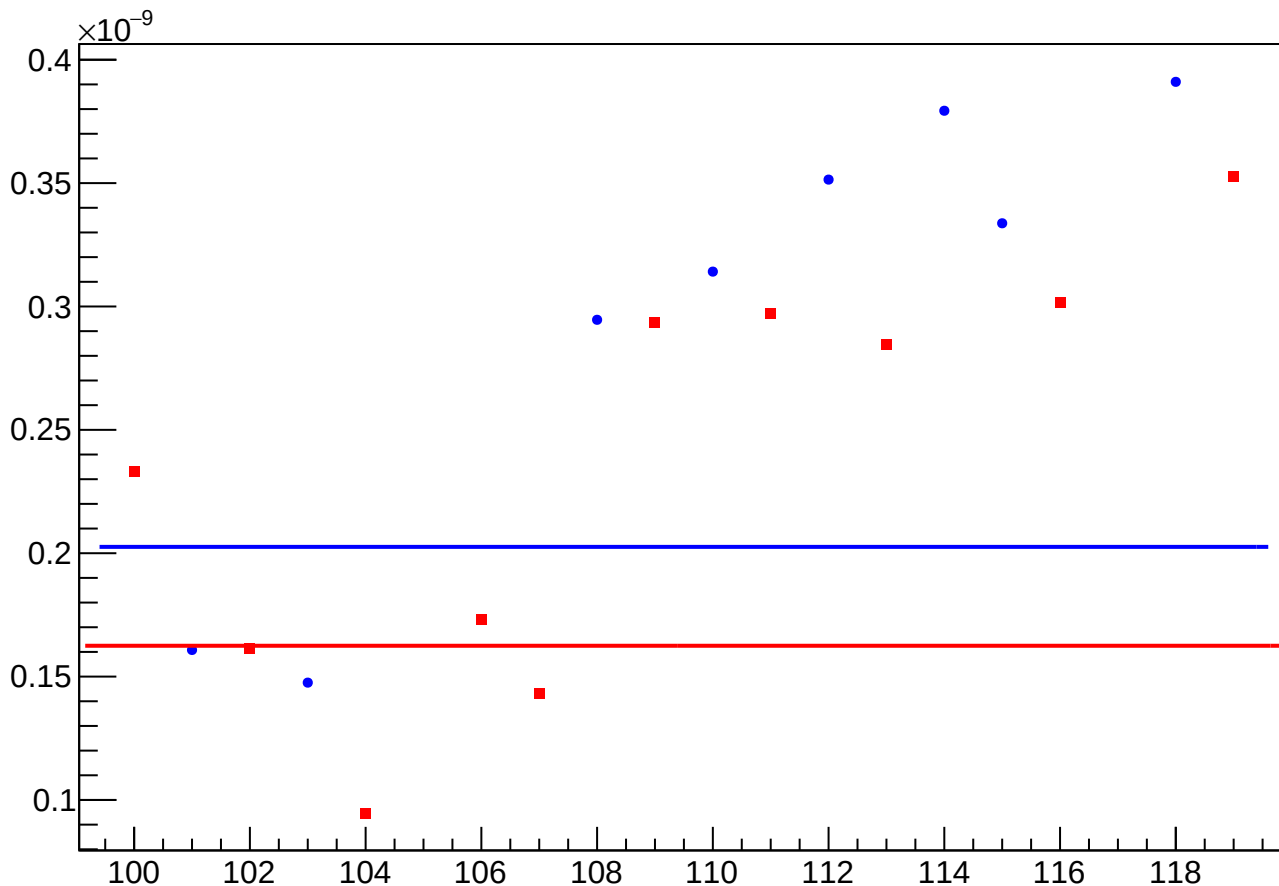
Right: 0.000+/-0.000 χ^2/NDF : 15.0/17

In: 0.000+/-0.000 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/17

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 : 645158.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1018781.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

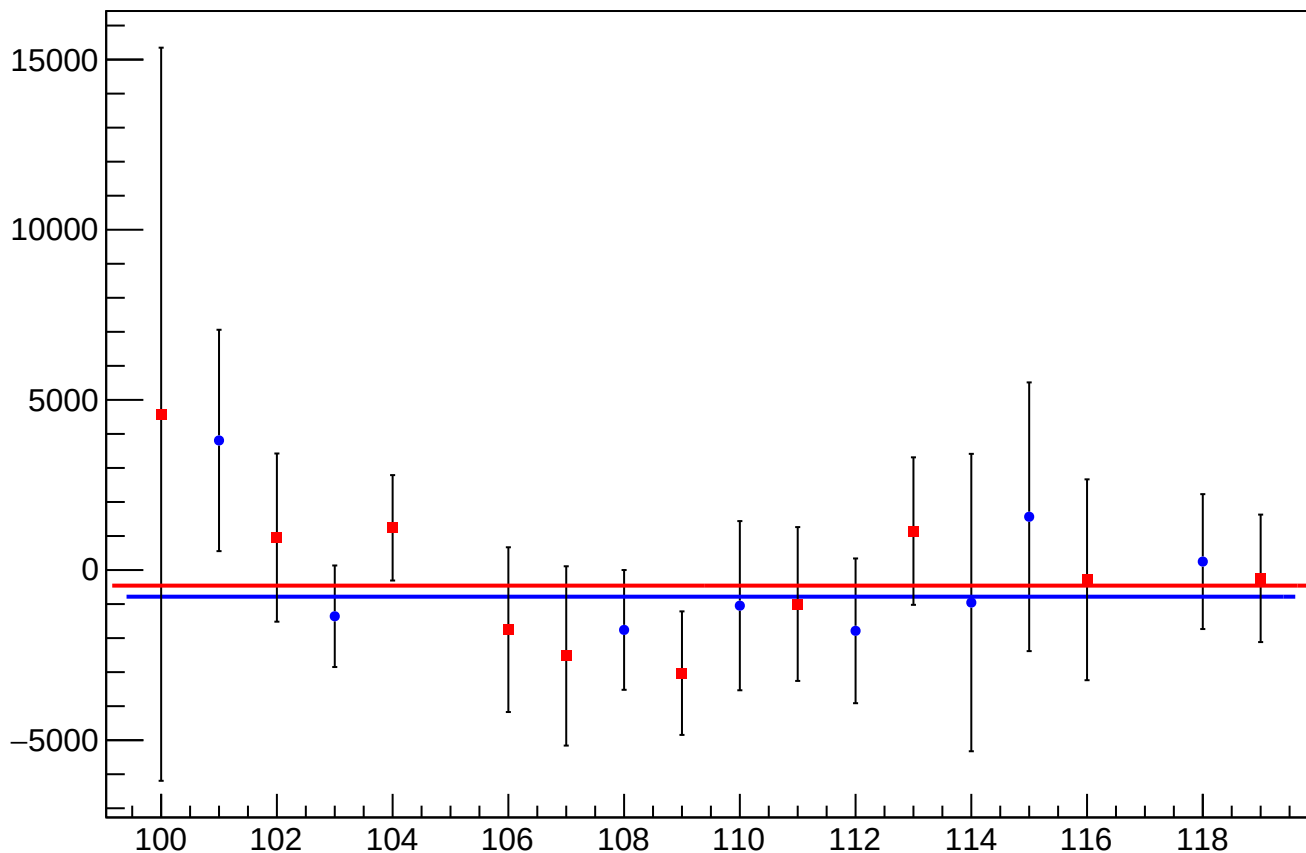
Right: 0.000+/-0.000 χ^2/NDF : 1757364.6/17

In: 0.000+/-0.000 χ^2/NDF : 645158.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1757364.6/17

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -782.851+/-785.503 χ^2/NDF : 3.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -457.807+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

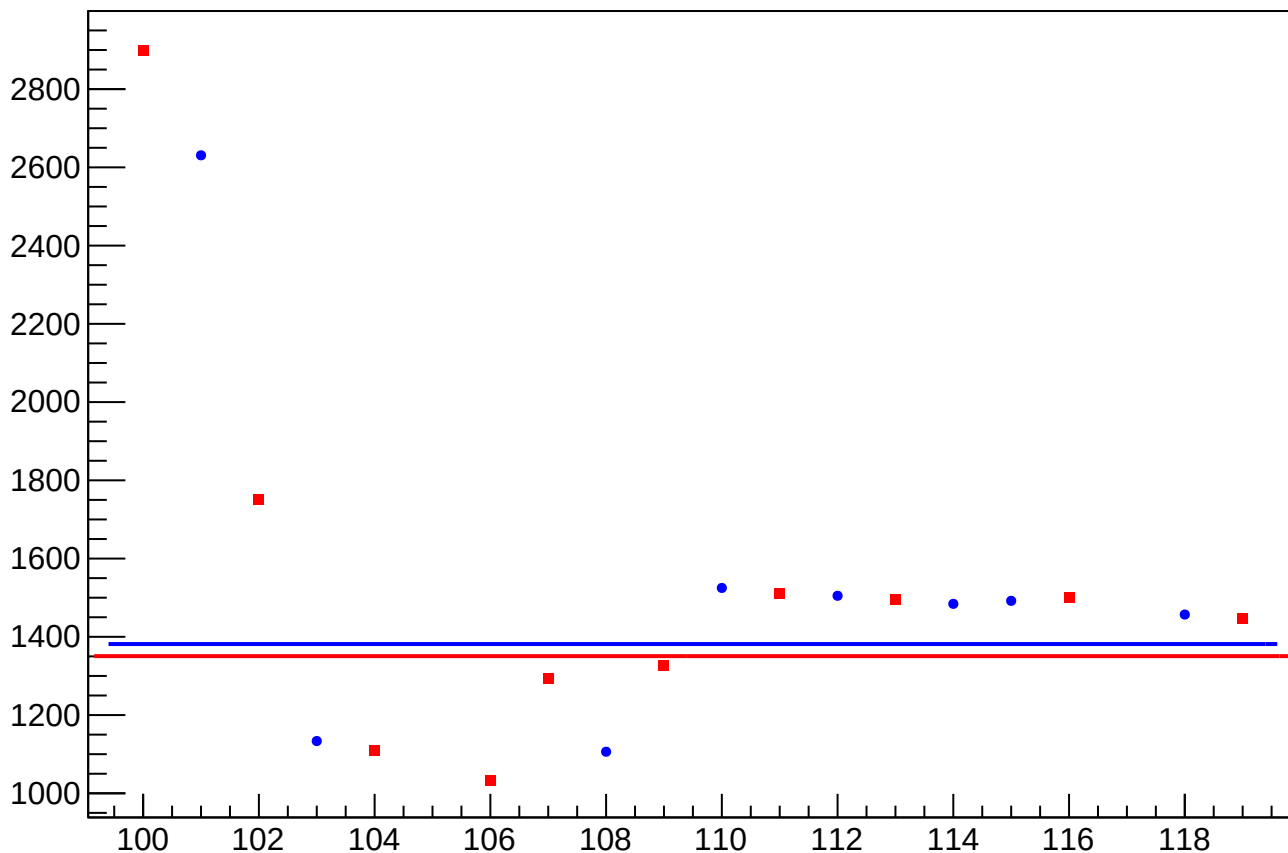
Right: -602.660+/-524.373 χ^2/NDF : 8.7/17

In: -782.851+/-785.503 χ^2/NDF :3.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -602.660+/-524.373 χ^2/NDF : 8.7/17

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1381.531+/-0.555 χ^2/NDF : 418194.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.635+/-0.492 χ^2/NDF : 217105.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

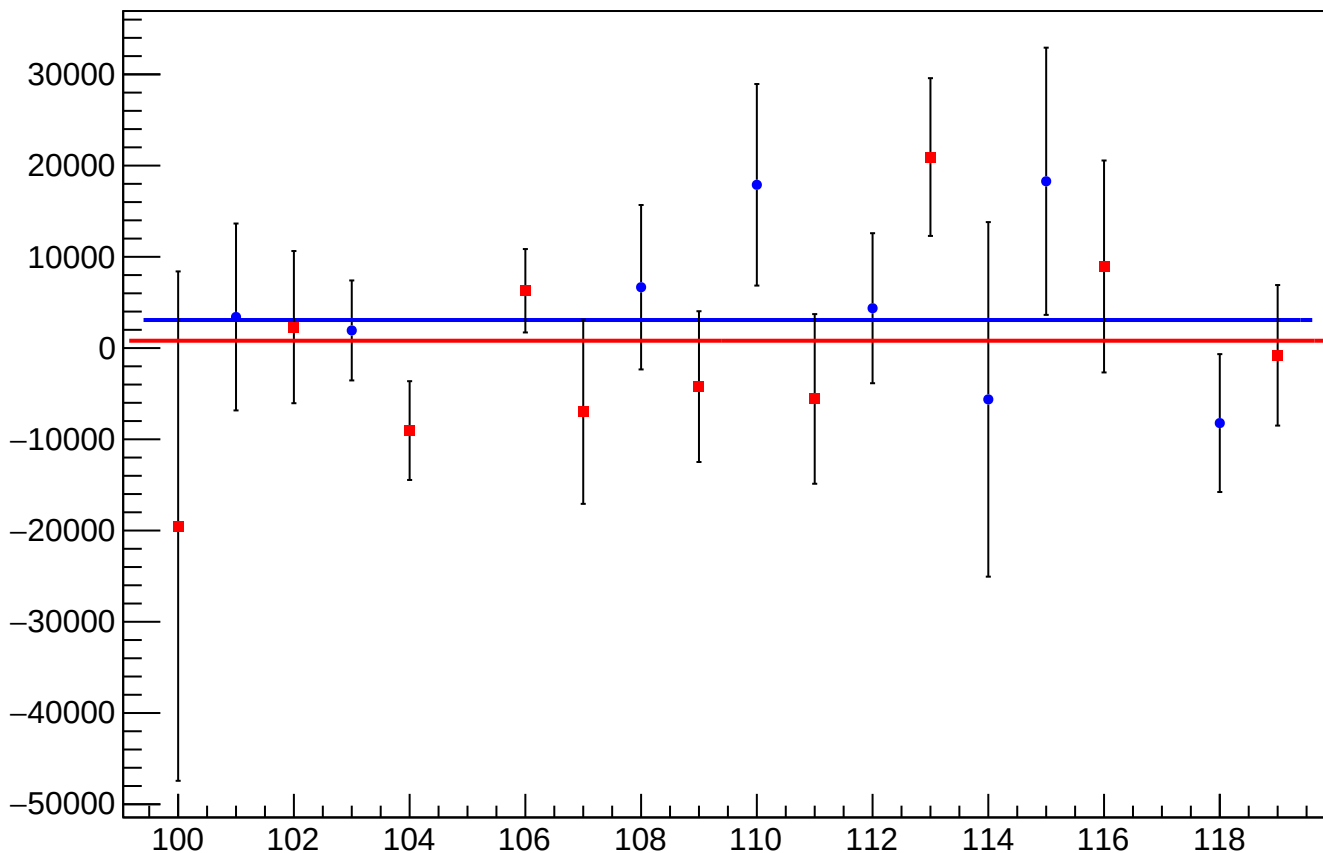
Right: 1364.218+/-0.368 χ^2/NDF : 637034.3/17

In: 1381.531+/-0.555 χ^2/NDF : 418194.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.218+/-0.368 χ^2/NDF : 637034.3/17

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 3075.234+/-3116.260 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 805.539+/-2415.993 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

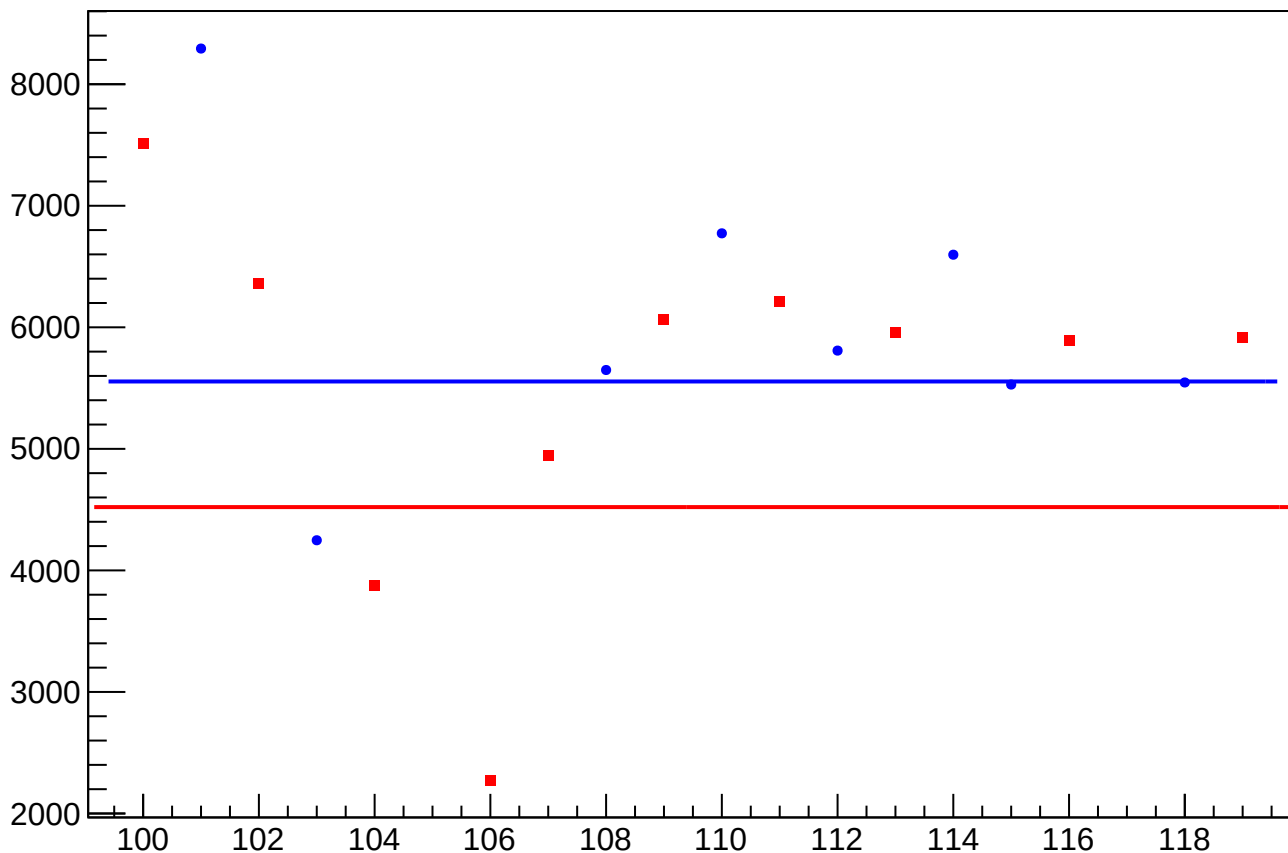
Right: 1657.622+/-1909.373 χ^2/NDF : 18.6/17

In: 3075.234+/-3116.260 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.622+/-1909.373 χ^2/NDF : 18.6/17

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5554.366+/-2.204 χ^2/NDF : 289003.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4520.879+/-1.708 χ^2/NDF : 920120.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

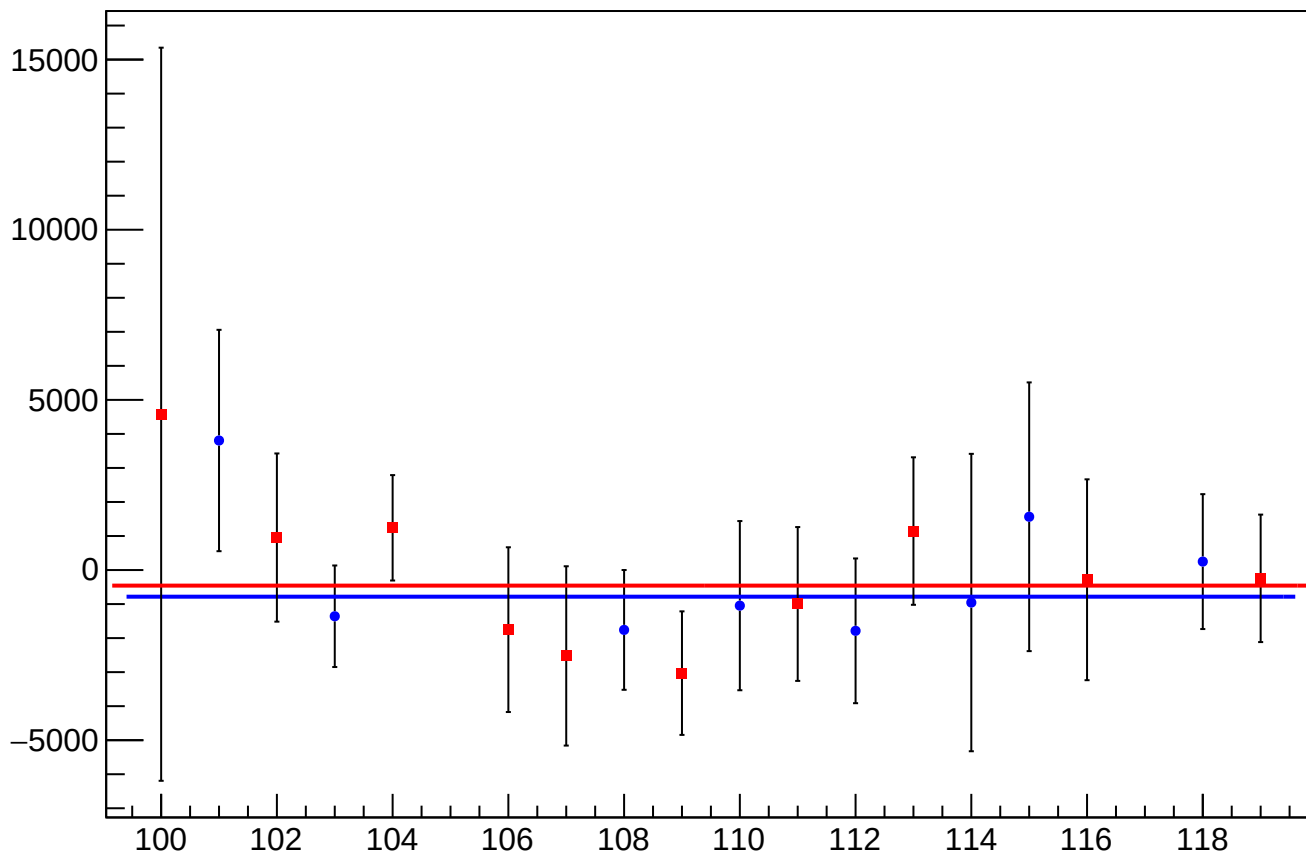
Right: 4908.867+/-1.350 χ^2/NDF : 1346516.5/17

In: 5554.366+/-2.204 χ^2/NDF : 289003.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4908.867+/-1.350 χ^2/NDF : 1346516.5/17

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -782.993+/-785.503 χ^2/NDF : 3.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.589+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

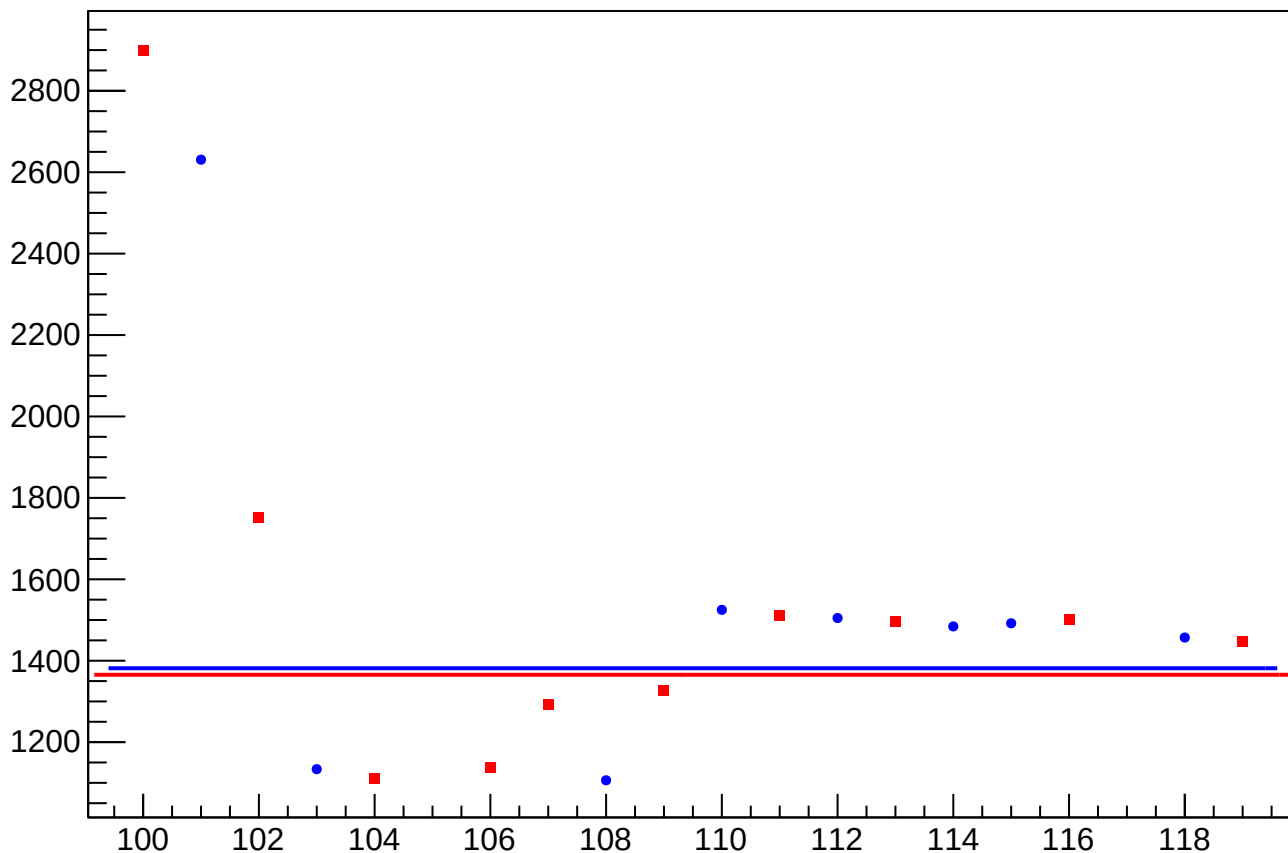
Right: -602.602+/-524.373 χ^2/NDF : 8.7/17

In: -782.993+/-785.503 χ^2/NDF : 3.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -602.602+/-524.373 χ^2/NDF : 8.7/17

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1381.531+/-0.555 χ^2/NDF : 418194.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1365.496+/-0.496 χ^2/NDF : 188832.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

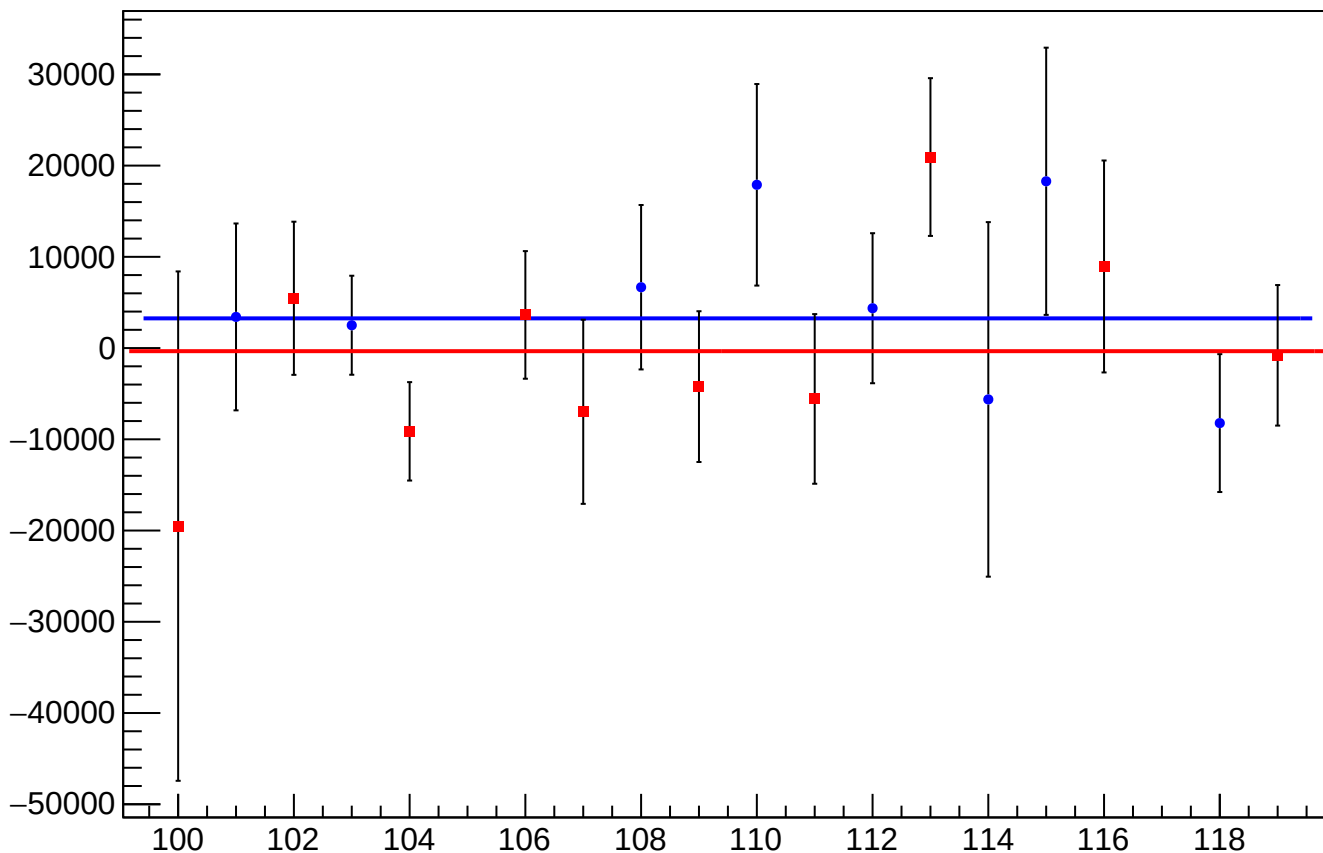
Right: 1372.612+/-0.370 χ^2/NDF : 607490.5/17

In: 1381.531+/-0.555 χ^2/NDF : 418194.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.612+/-0.370 χ^2/NDF : 607490.5/17

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 3255.741+/-3106.508 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.791+/-2635.485 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

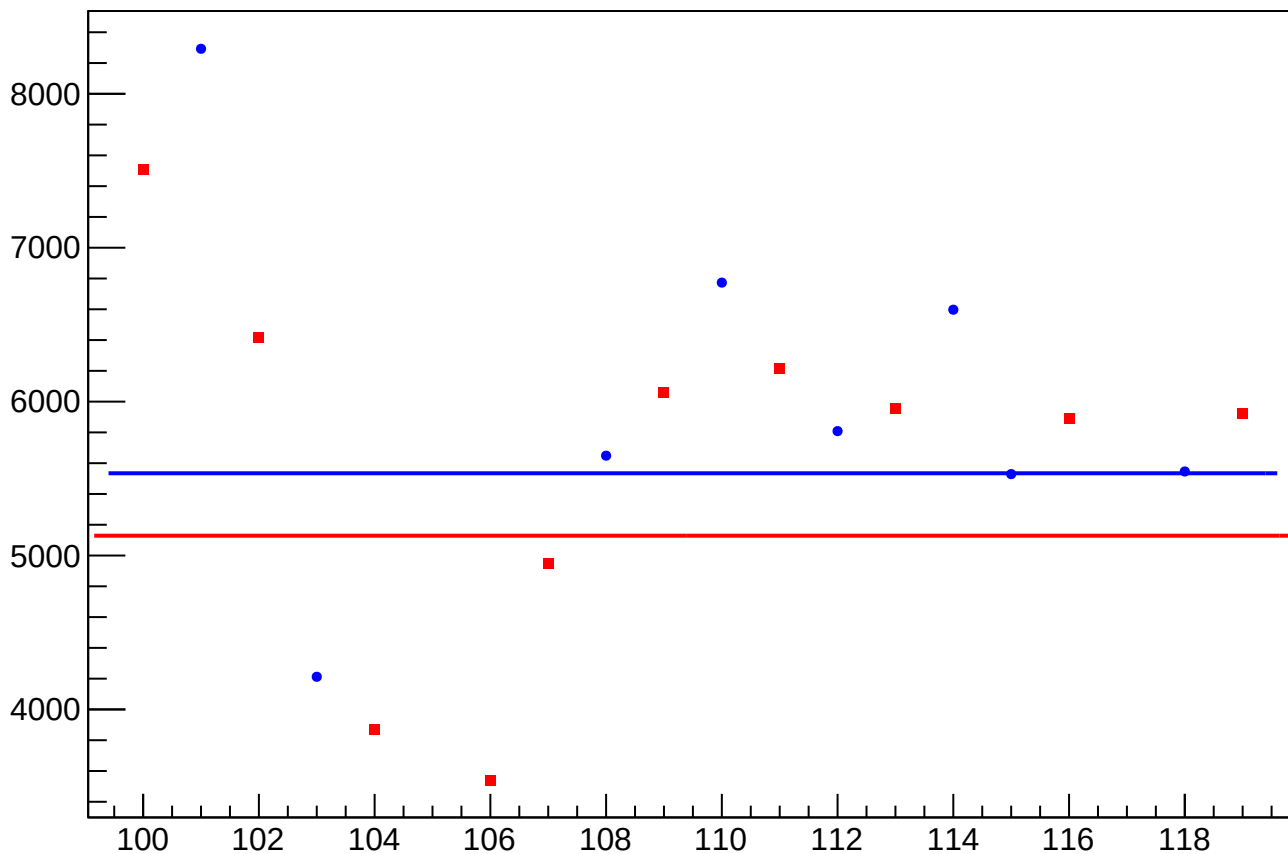
Right: 1165.001+/-2009.690 χ^2/NDF : 17.9/17

In: 3255.741+/-3106.508 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.001+/-2009.690 χ^2/NDF : 17.9/17

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5534.470+/-2.197 χ^2/NDF : 297498.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5128.846+/-1.864 χ^2/NDF : 375416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

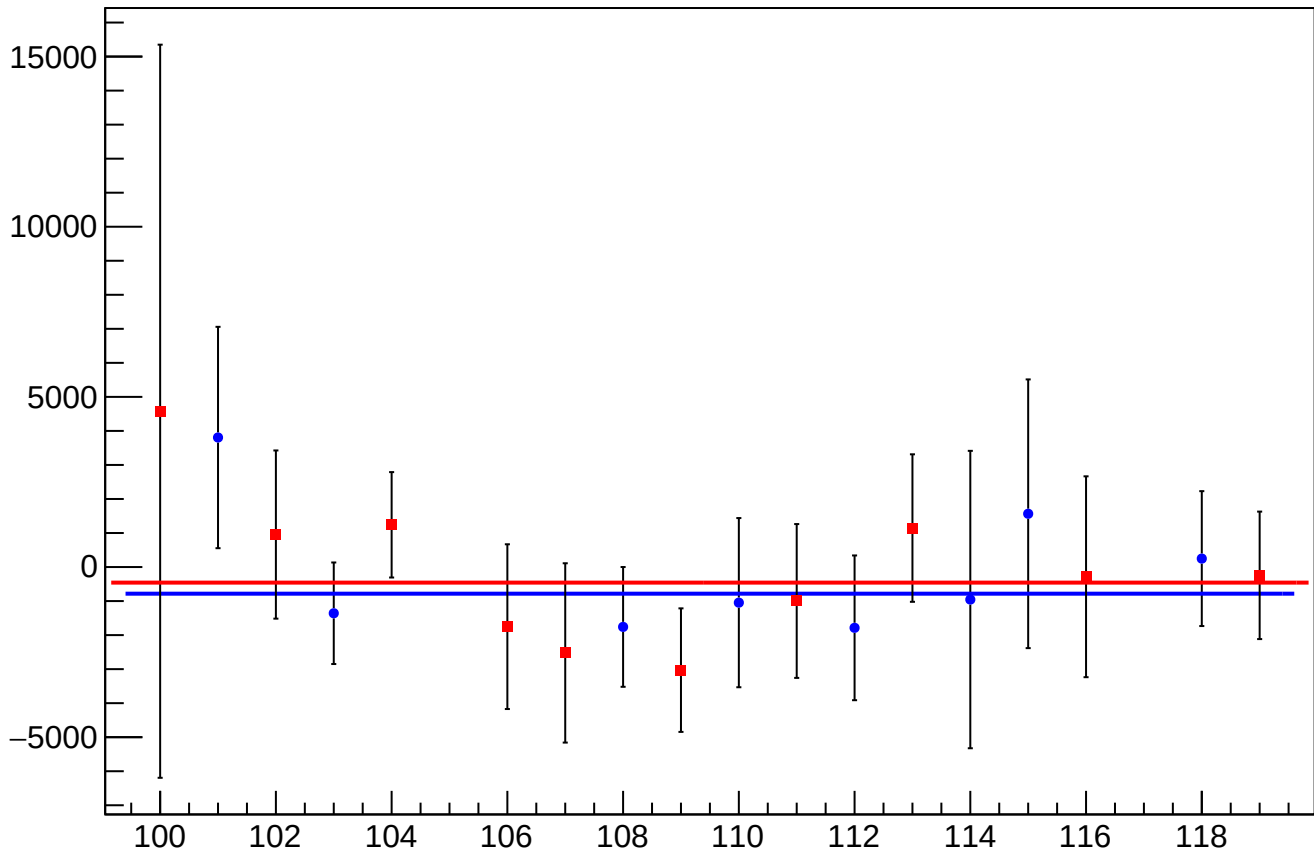
Right: 5298.606+/-1.421 χ^2/NDF : 692743.2/17

In: 5534.470+/-2.197 χ^2/NDF : 297498.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5298.606+/-1.421 χ^2/NDF : 692743.2/17

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -782.993+/-785.503 χ^2/NDF : 3.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -457.589+/-704.280 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

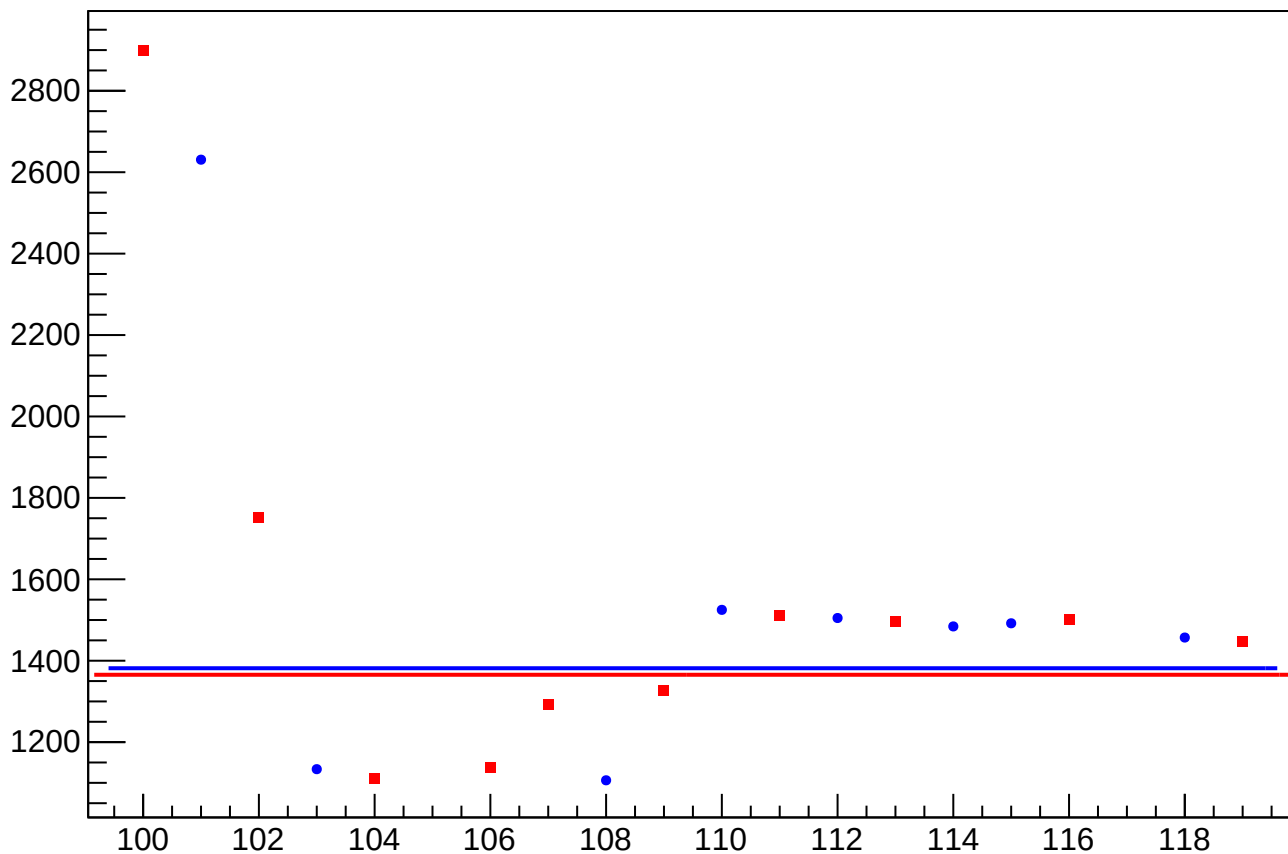
Right: -602.602+/-524.373 χ^2/NDF : 8.7/17

In: -782.993+/-785.503 χ^2/NDF : 3.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -602.602+/-524.373 χ^2/NDF : 8.7/17

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1381.531+/-0.555 χ^2/NDF : 418194.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1365.496+/-0.496 χ^2/NDF : 188832.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

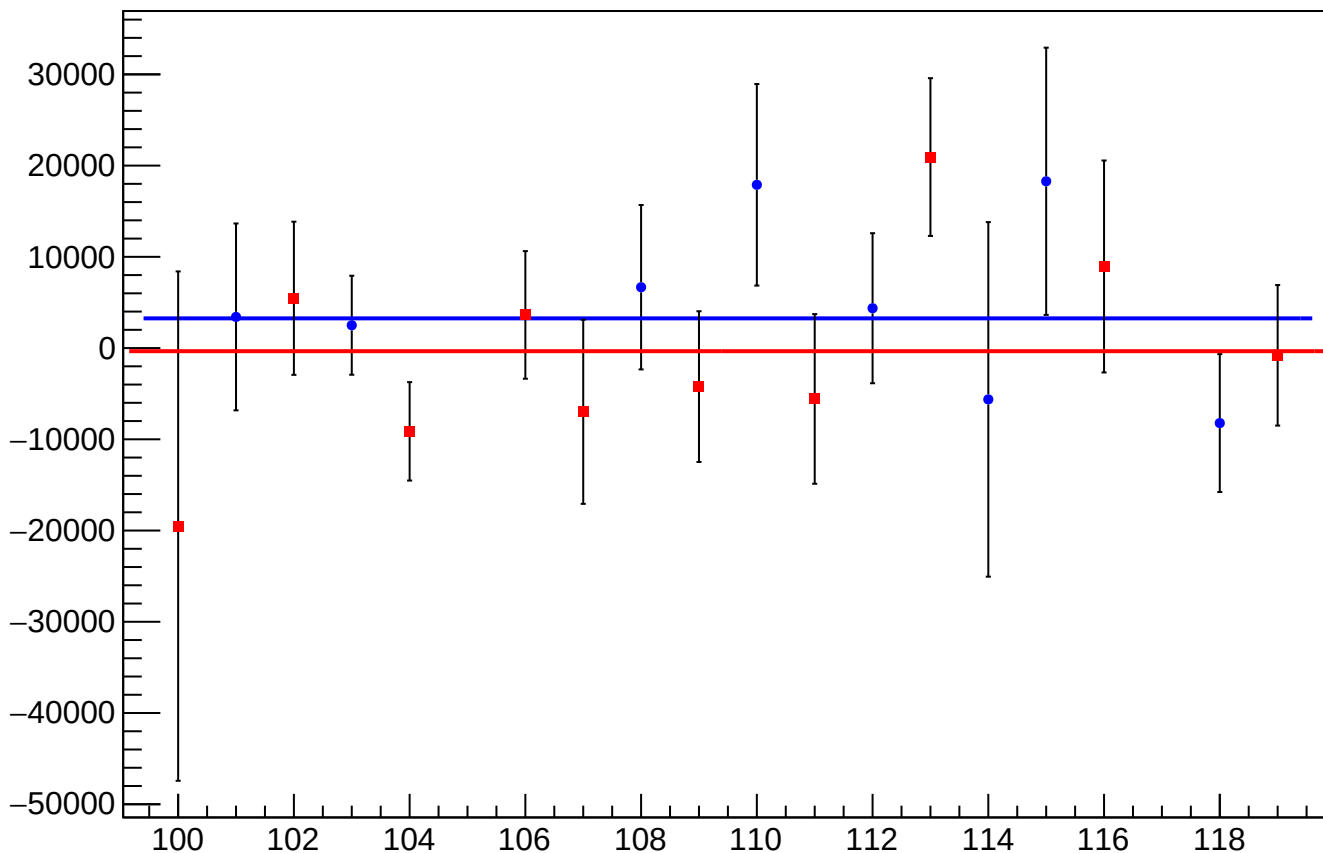
Right: 1372.612+/-0.370 χ^2/NDF : 607490.5/17

In: 1381.531+/-0.555 χ^2/NDF :418194.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1372.612+/-0.370 χ^2/NDF : 607490.5/17

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 3255.741+/-3106.508 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -339.791+/-2635.485 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

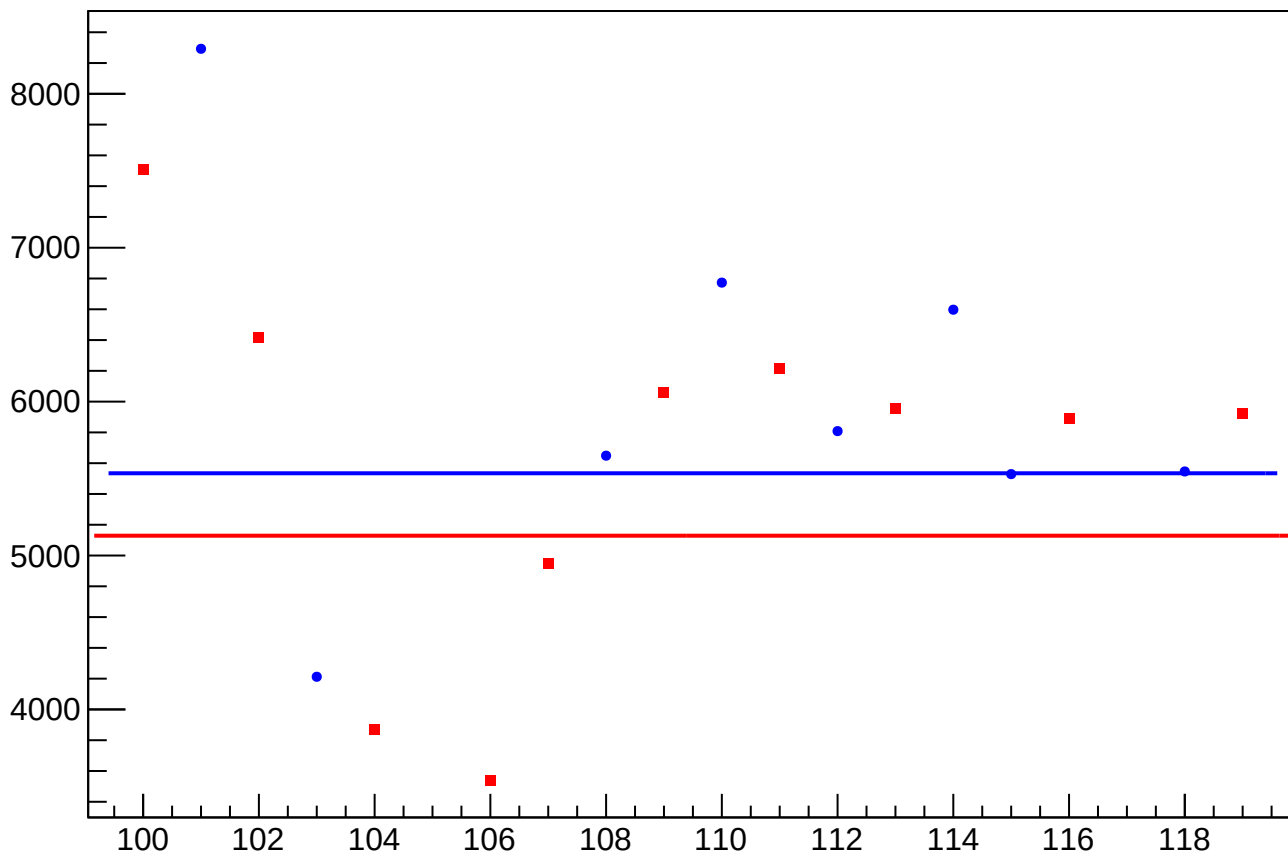
Right: 1165.001+/-2009.690 χ^2/NDF : 17.9/17

In: 3255.741+/-3106.508 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1165.001+/-2009.690 χ^2/NDF : 17.9/17

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5534.470+/-2.197 χ^2/NDF : 297498.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5128.846+/-1.864 χ^2/NDF : 375416.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

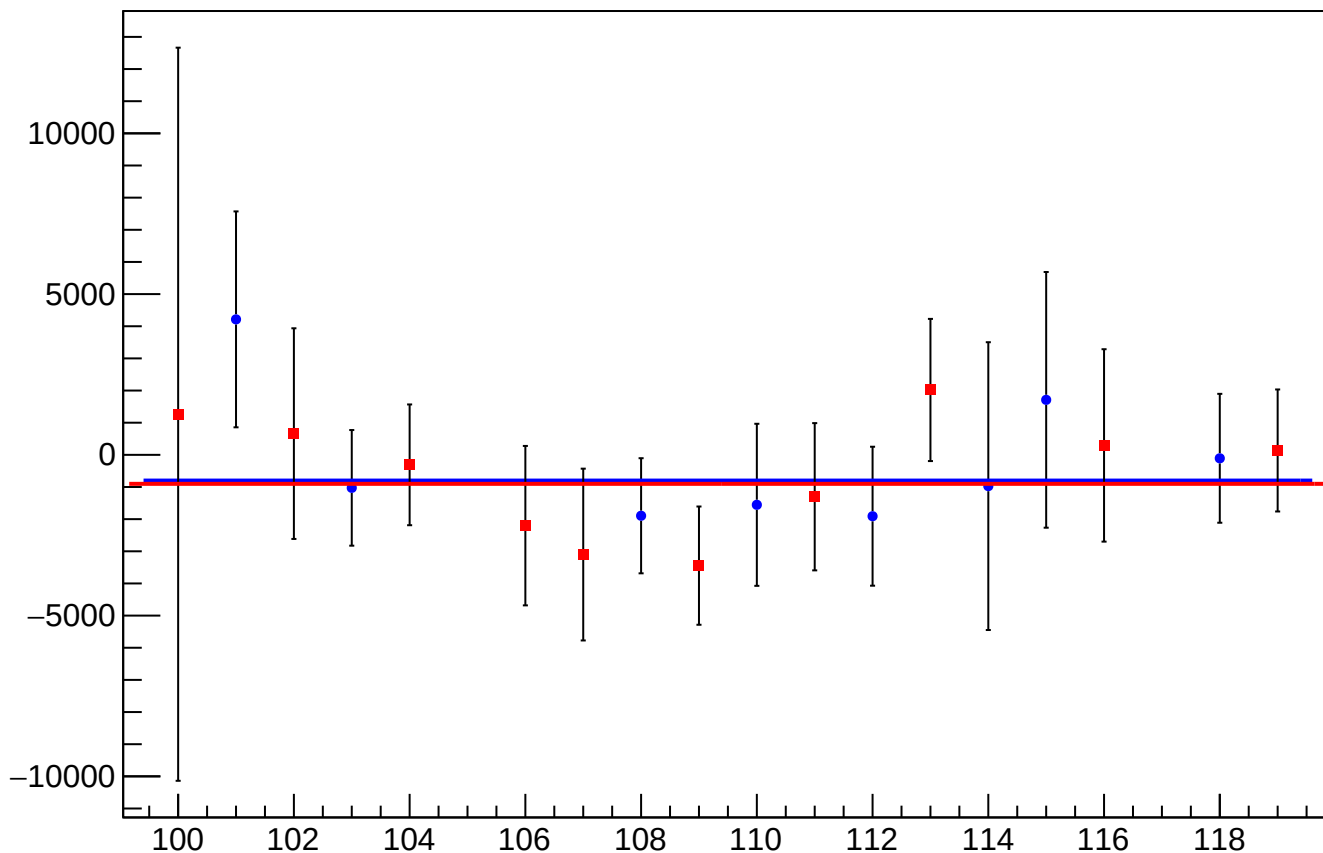
Right: 5298.606+/-1.421 χ^2/NDF : 692743.2/17

In: 5534.470+/-2.197 χ^2/NDF : 297498.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5298.606+/-1.421 χ^2/NDF : 692743.2/17

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -800.241+/-832.361 χ^2 /NDF: 3.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -901.729+/-752.220 χ^2 /NDF: 5.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

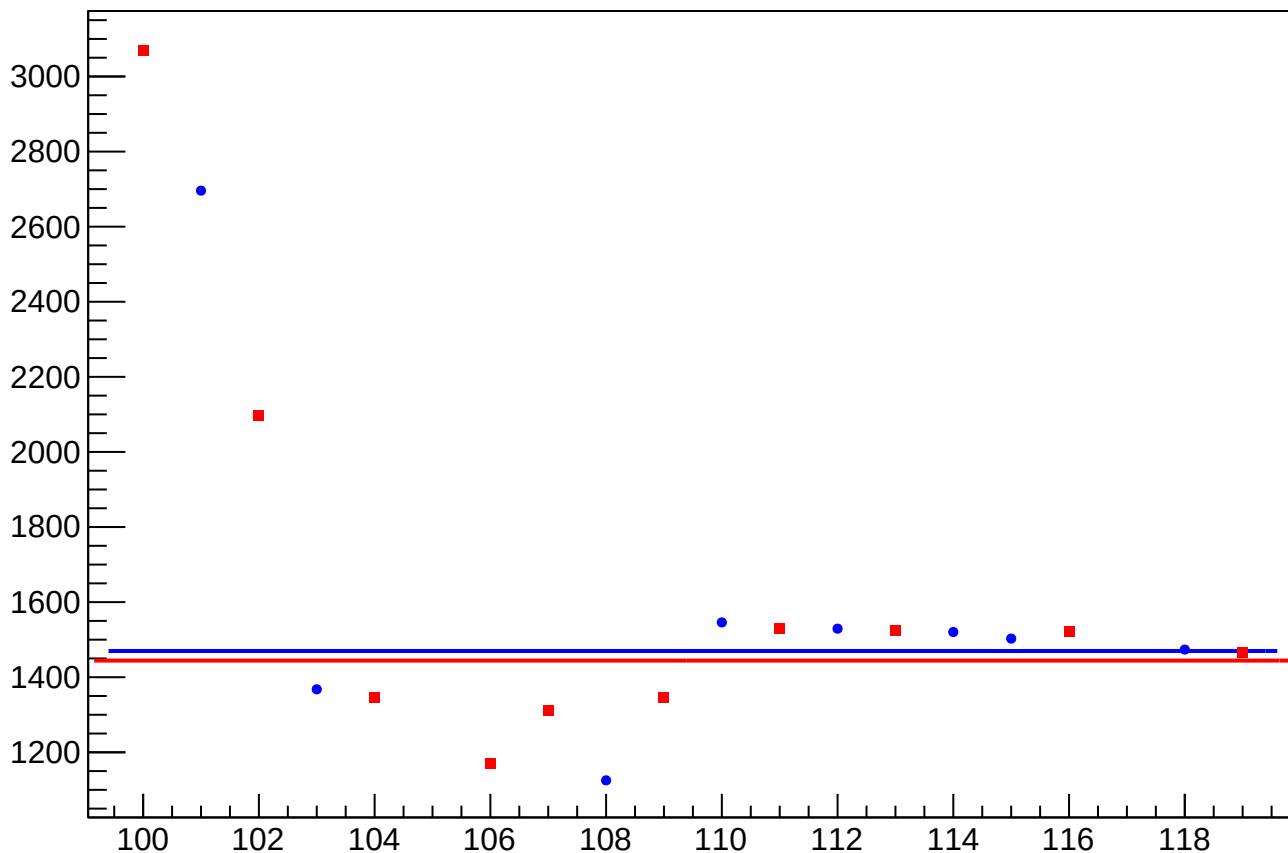
Right: -856.105+/-558.088 χ^2 /NDF: 9.0/17

In: -800.241+/-832.361 χ^2 /NDF:3.5/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -856.105+/-558.088 χ^2 /NDF: 9.0/17

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.821+/-0.589 χ^2/NDF : 350894.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.264+/-0.532 χ^2/NDF : 167813.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

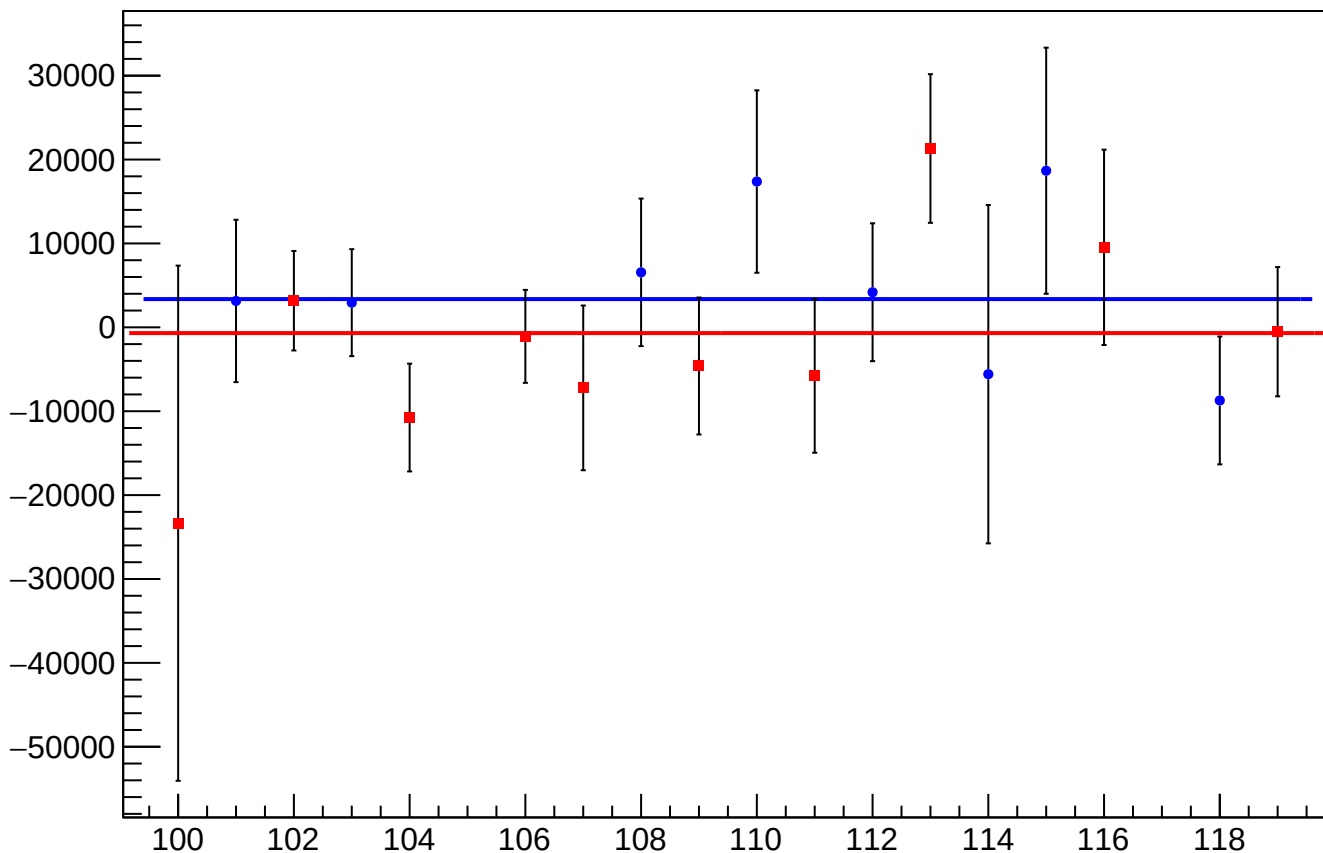
Right: 1455.747+/-0.395 χ^2/NDF : 519746.2/17

In: 1469.821+/-0.589 χ^2/NDF : 350894.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.747+/-0.395 χ^2/NDF : 519746.2/17

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 3367.494+/-3230.761 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -685.826+/-2495.700 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

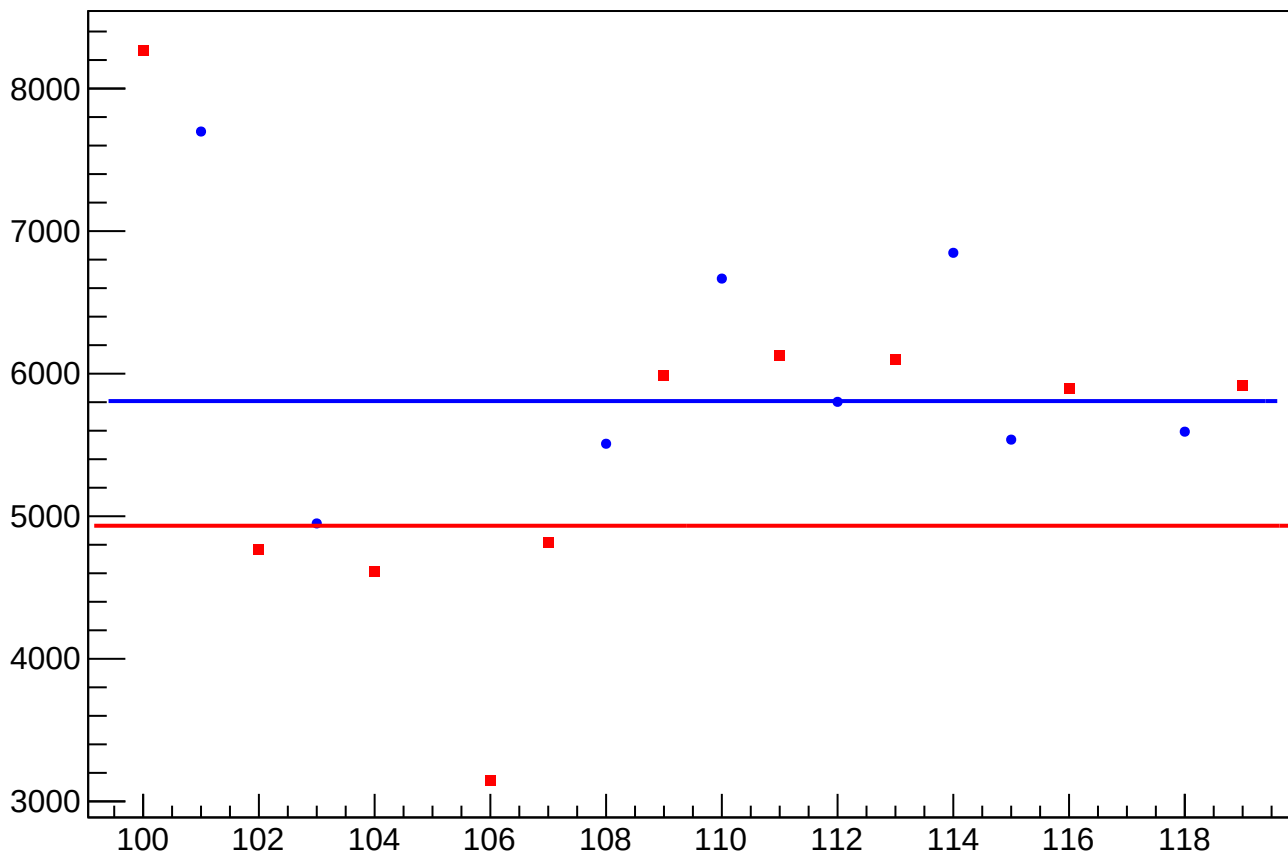
Right: 828.975+/-1975.046 χ^2/NDF : 17.9/17

In: 3367.494+/-3230.761 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.975+/-1975.046 χ^2/NDF : 17.9/17

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 5807.854+/-2.284 χ^2/NDF : 134985.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4933.407+/-1.765 χ^2/NDF : 386313.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

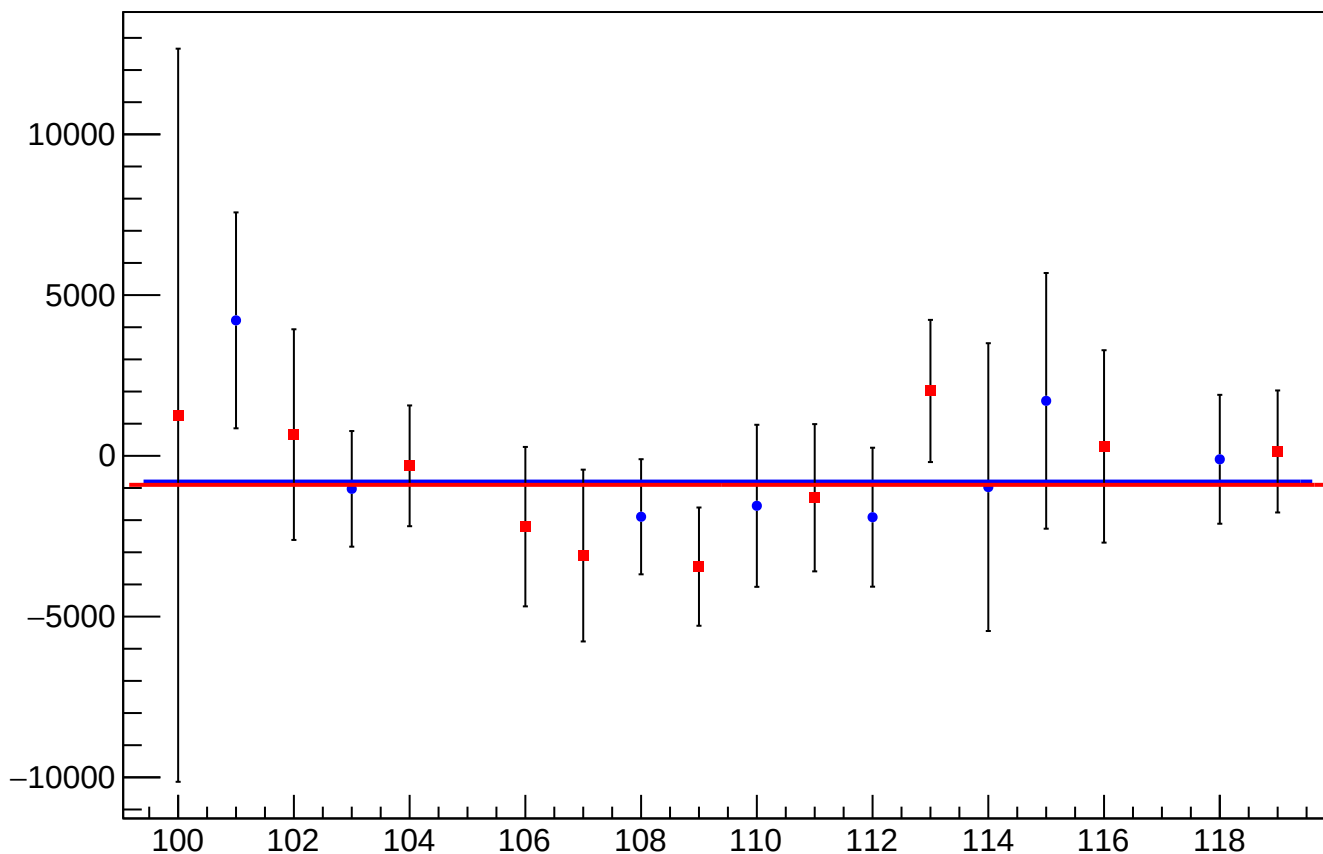
Right: 5260.204+/-1.397 χ^2/NDF : 613058.9/17

In: 5807.854+/-2.284 χ^2/NDF : 134985.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5260.204+/-1.397 χ^2/NDF : 613058.9/17

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -800.245+/-832.361 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -901.743+/-752.220 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

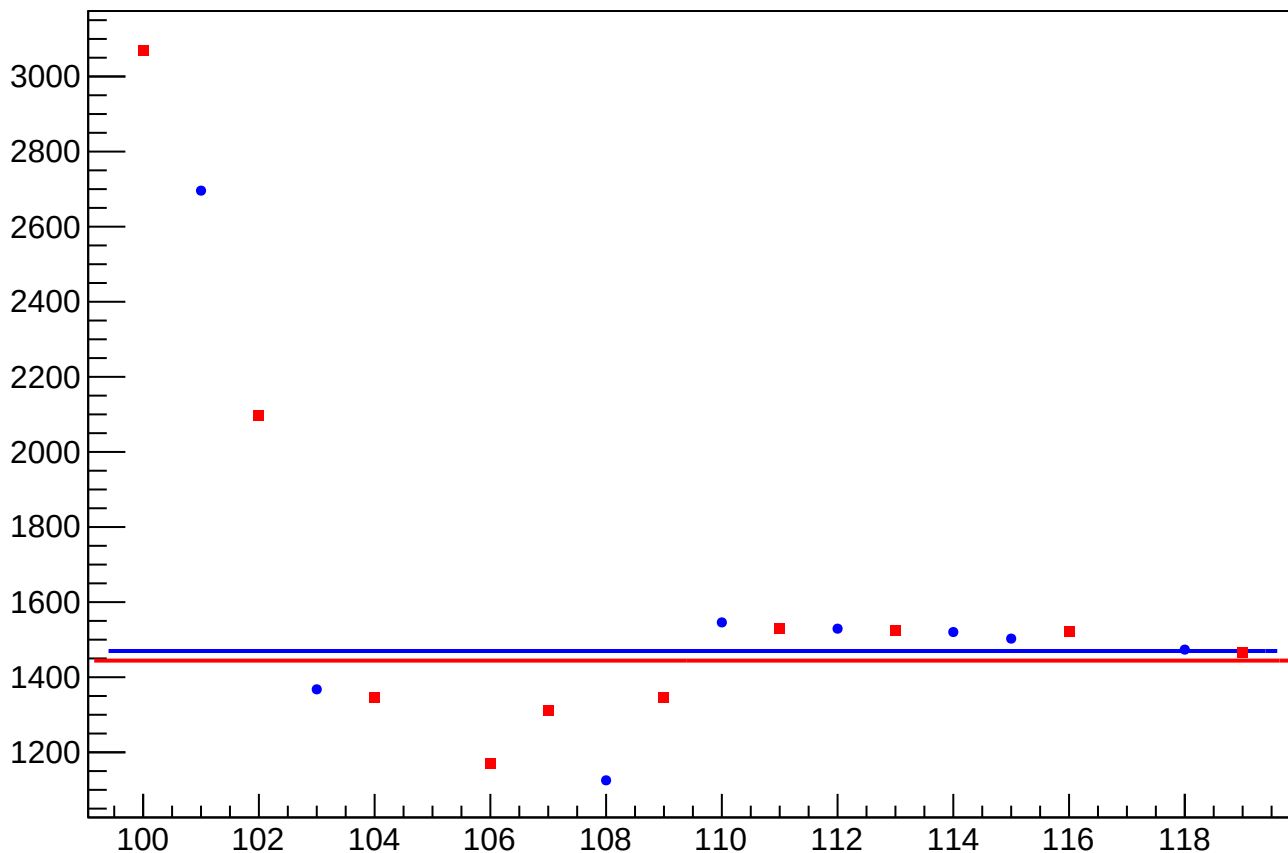
Right: -856.114+/-558.088 χ^2/NDF : 9.0/17

In: -800.245+/-832.361 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -856.114+/-558.088 χ^2/NDF : 9.0/17

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1469.822+/-0.589 χ^2/NDF : 350893.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1444.265+/-0.532 χ^2/NDF : 167814.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

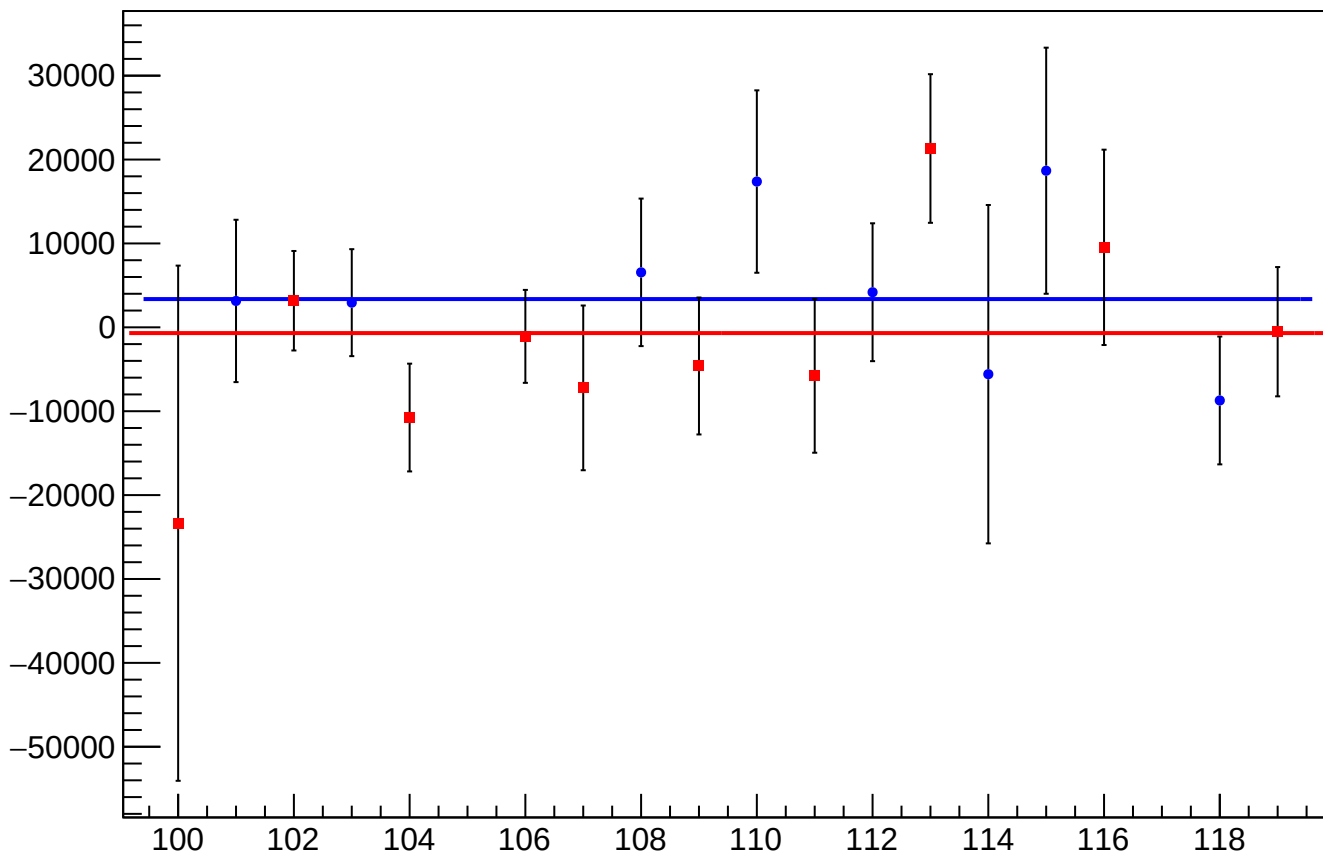
Right: 1455.748+/-0.395 χ^2/NDF : 519745.8/17

In: 1469.822+/-0.589 χ^2/NDF : 350893.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1455.748+/-0.395 χ^2/NDF : 519745.8/17

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 3367.483+/-3230.755 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -685.835+/-2495.695 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

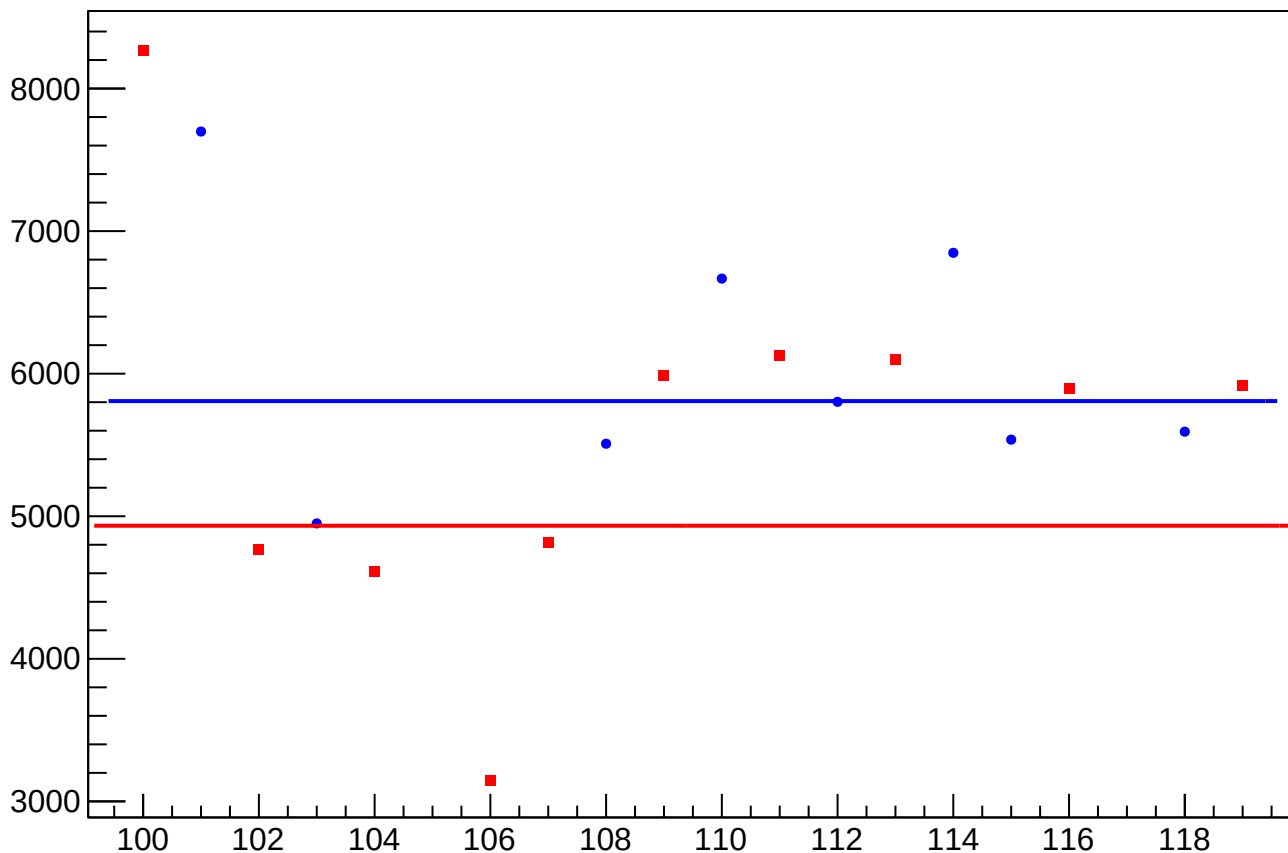
Right: 828.965+/-1975.042 χ^2/NDF : 17.9/17

In: 3367.483+/-3230.755 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 828.965+/-1975.042 χ^2/NDF : 17.9/17

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5807.844+/-2.284 χ^2/NDF : 134984.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4933.398+/-1.765 χ^2/NDF : 386313.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

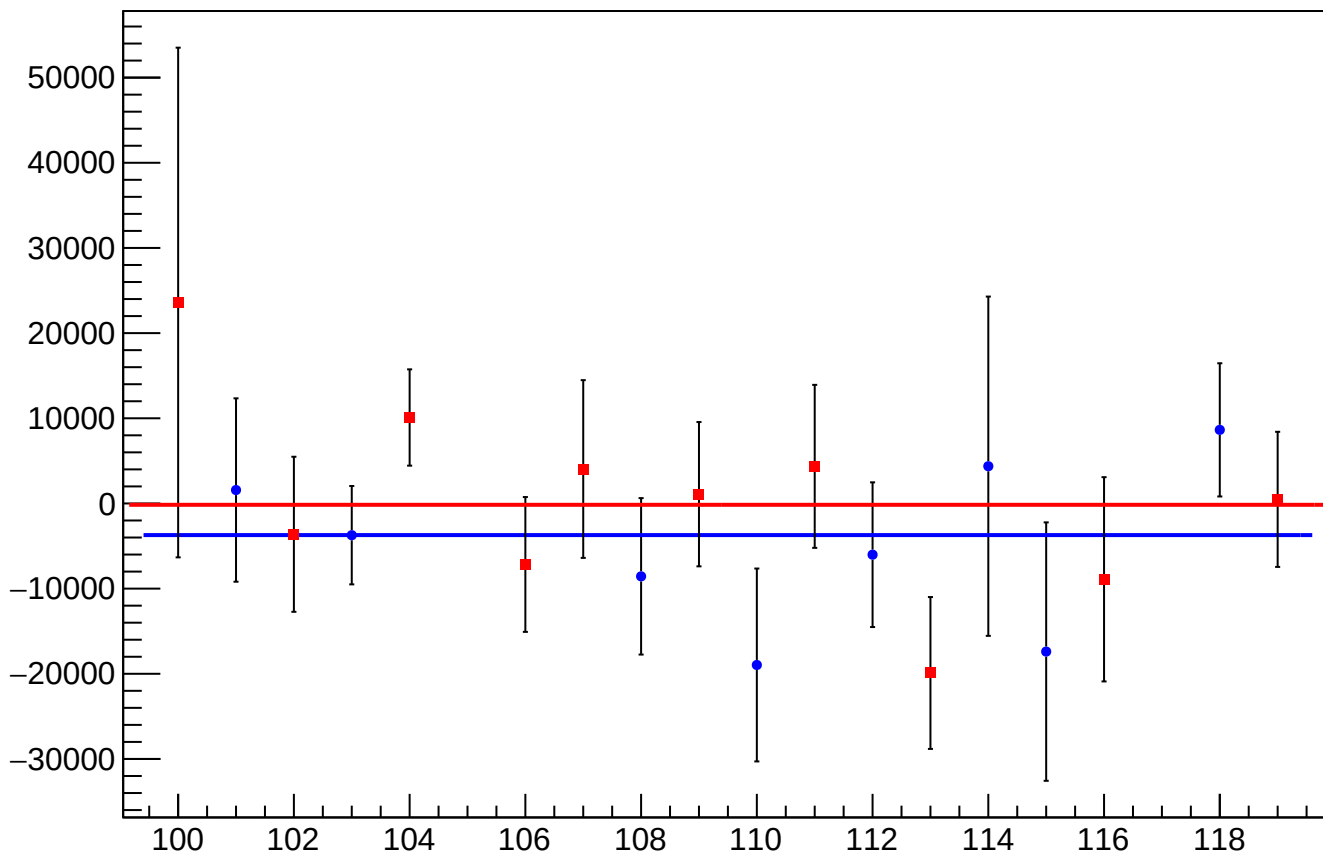
Right: 5260.194+/-1.397 χ^2/NDF : 613058.8/17

In: 5807.844+/-2.284 χ^2/NDF : 134984.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5260.194+/-1.397 χ^2/NDF : 613058.8/17

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -3714.304+/-3238.451 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.509+/-2774.593 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

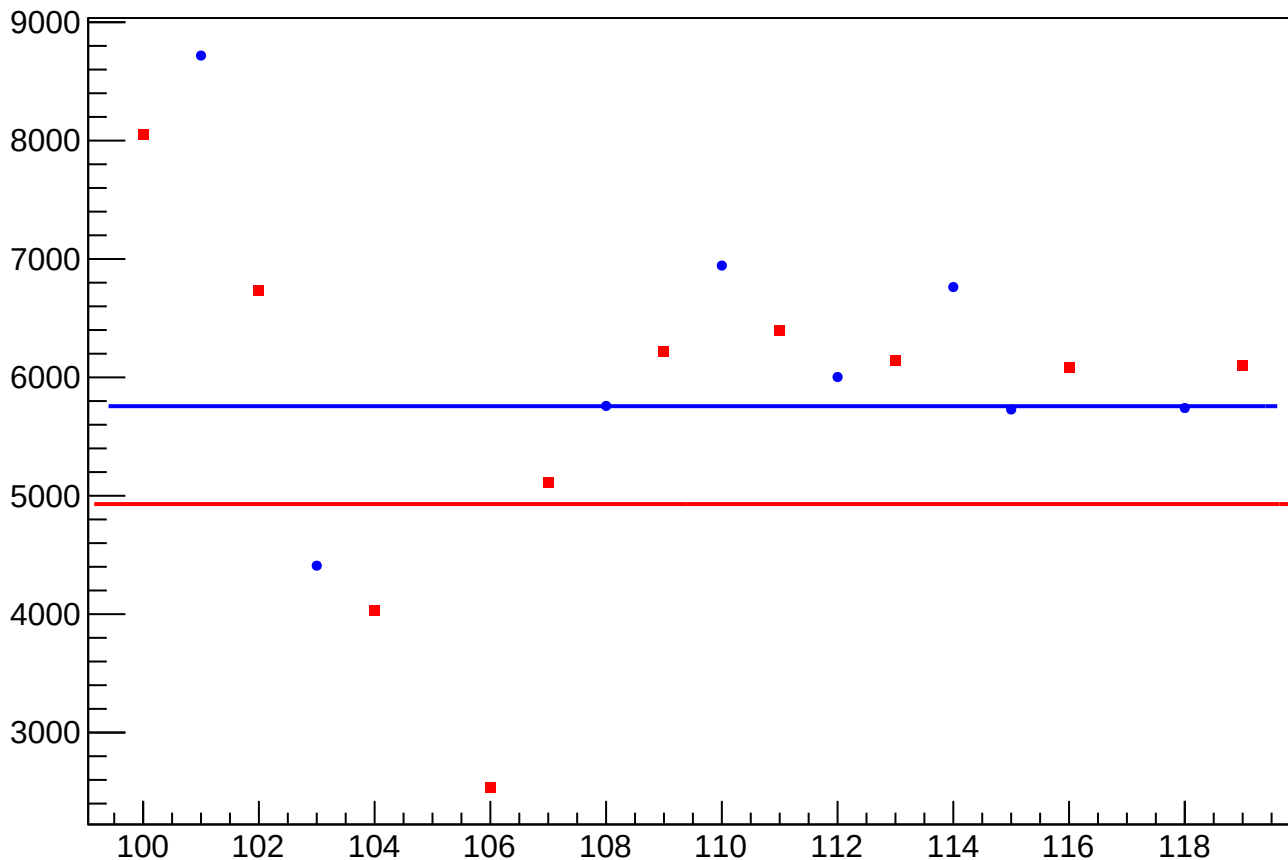
Right: -1664.305+/-2107.021 χ^2/NDF : 17.3/17

In: -3714.304+/-3238.451 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1664.305+/-2107.021 χ^2/NDF : 17.3/17

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 5756.634+/-2.290 χ^2/NDF : 289071.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4929.902+/-1.856 χ^2/NDF : 700458.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

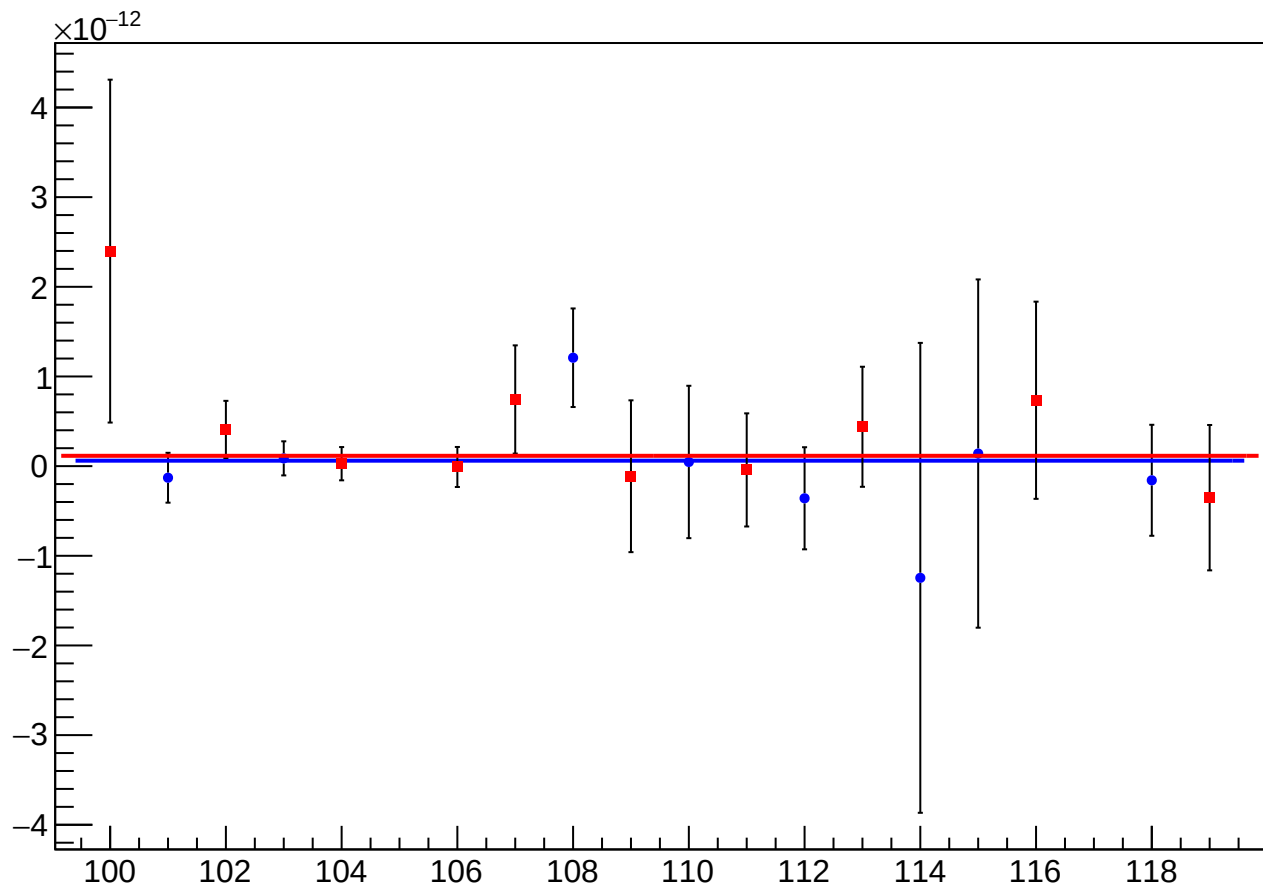
Right: 5257.648+/-1.442 χ^2/NDF : 1068201.0/17

In: 5756.634+/-2.290 χ^2/NDF : 289071.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5257.648+/-1.442 χ^2/NDF : 1068201.0/17

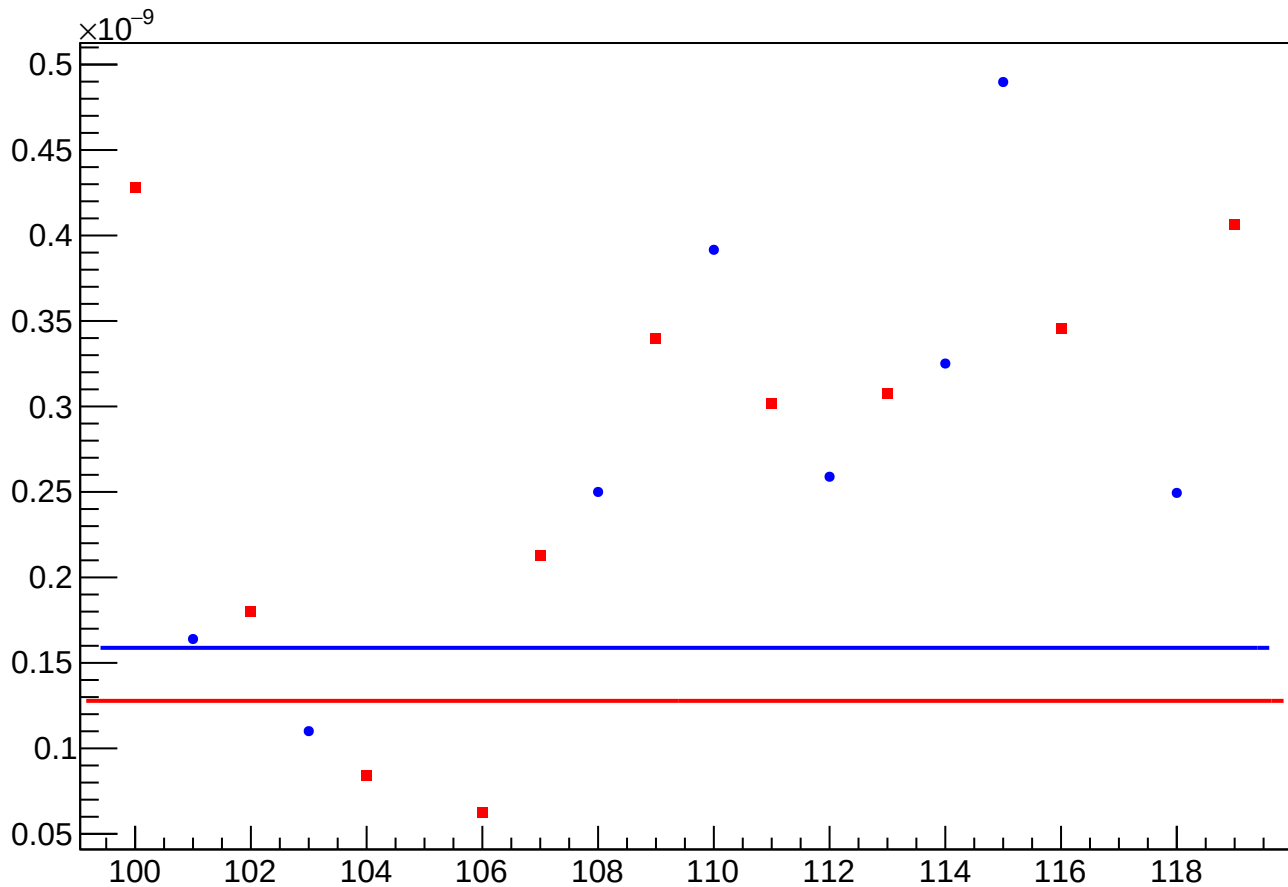
asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 10.8/17
 In: 0.000+/-0.000 χ^2/NDF : 5.8/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 10.8/17

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 508081.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1161054.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

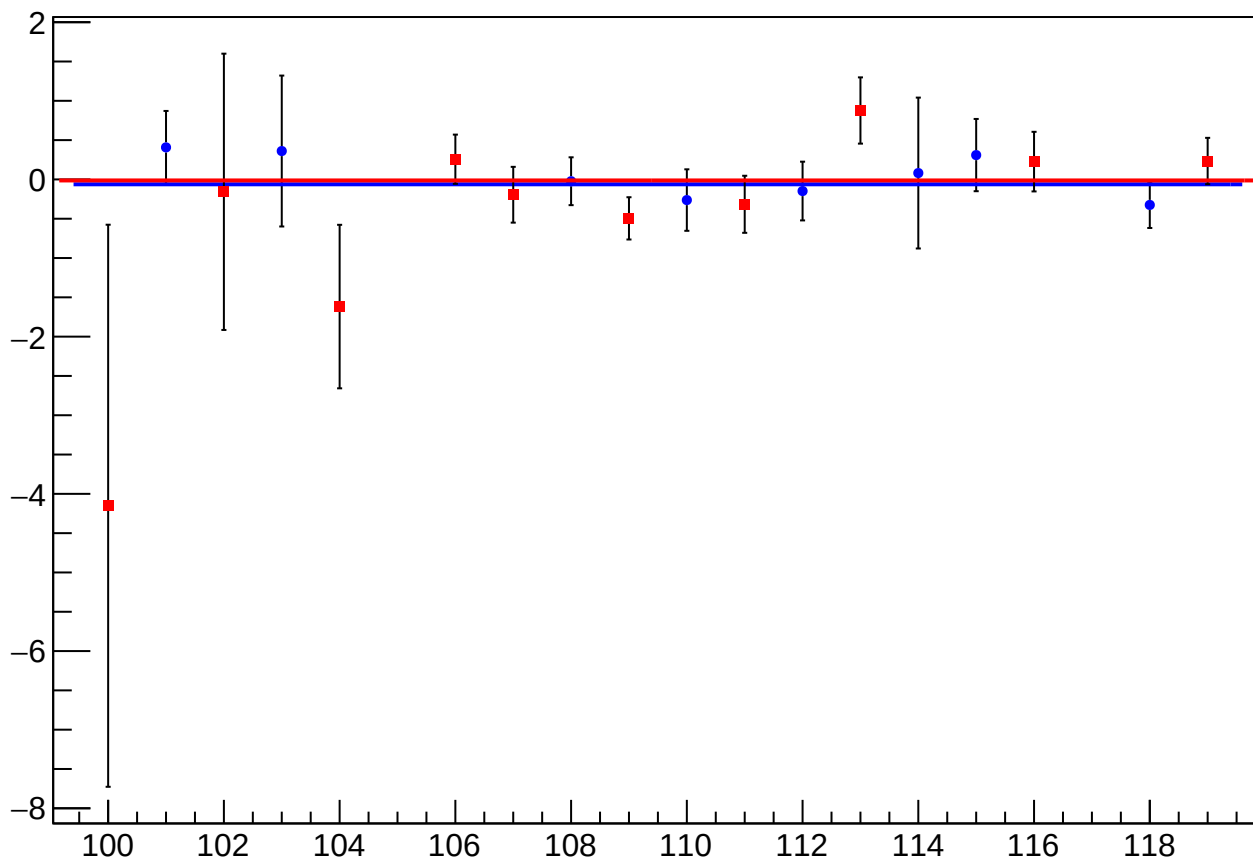
Right: 0.000+/-0.000 χ^2/NDF : 1726301.9/17

In: 0.000+/-0.000 χ^2/NDF : 508081.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1726301.9/17

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.145 χ^2/NDF : 3.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.124 χ^2/NDF : 14.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

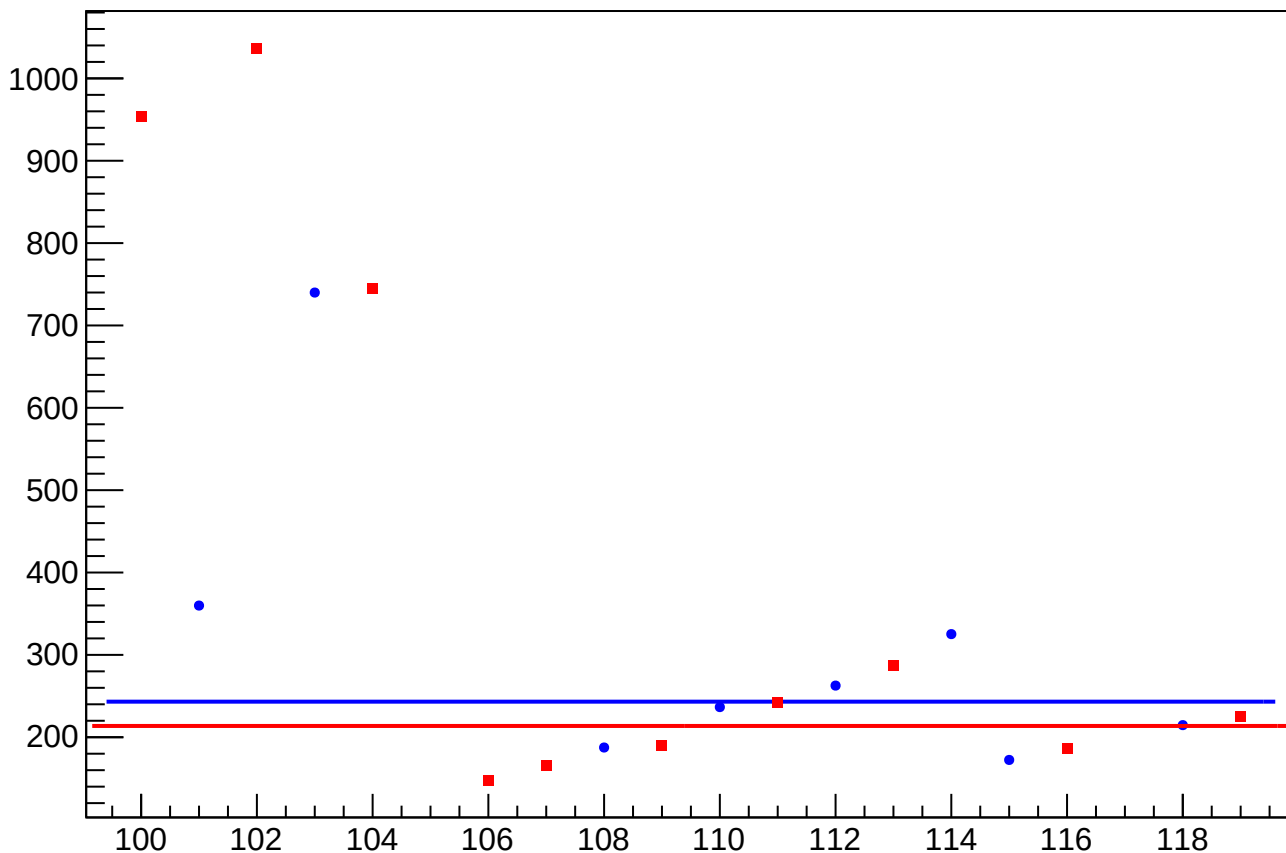
Right: -0.034 ± 0.094 χ^2/NDF : 17.3/17

In: -0.062 ± 0.145 χ^2/NDF : 3.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.094 χ^2/NDF : 17.3/17

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 243.198+/-0.102 χ^2/NDF : 816325.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.695+/-0.088 χ^2/NDF : 1274186.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

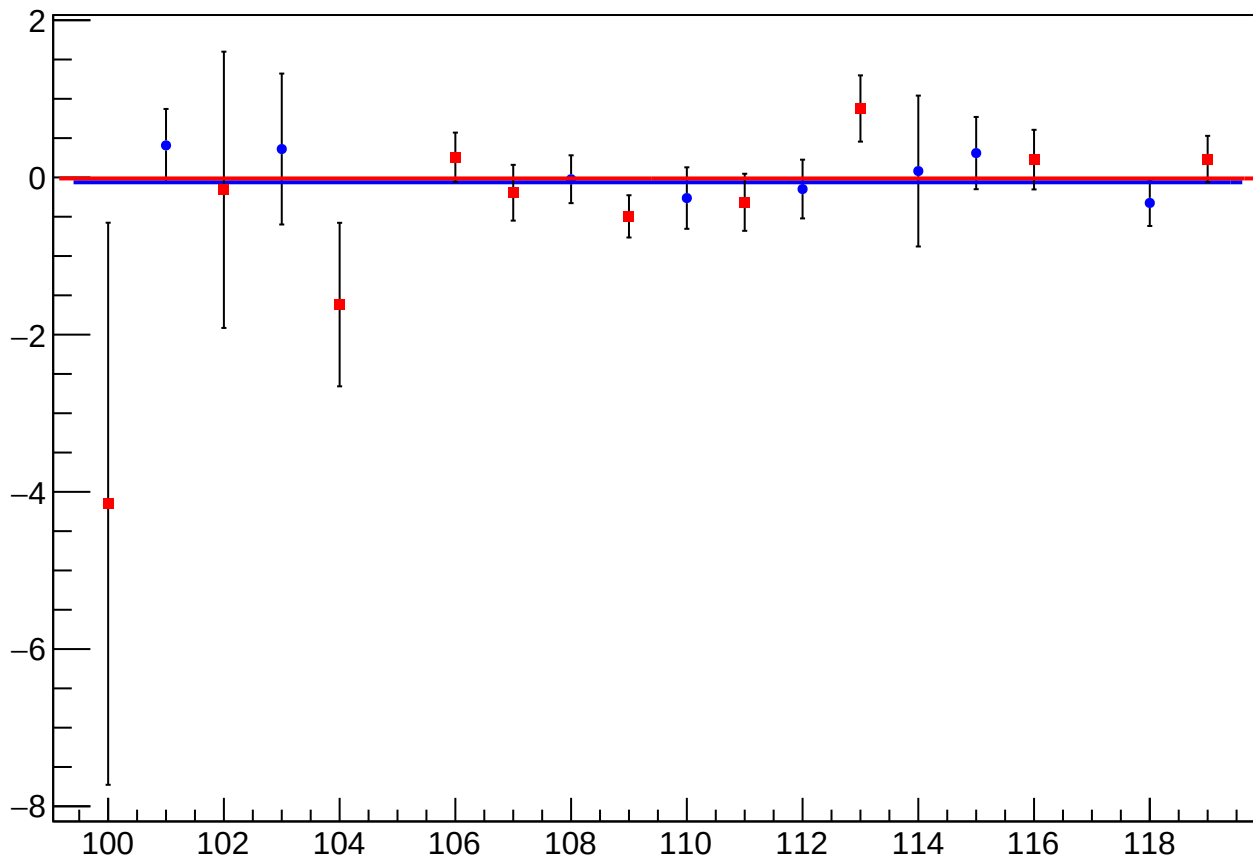
Right: 226.183+/-0.067 χ^2/NDF : 2138402.8/17

In: 243.198+/-0.102 χ^2/NDF : 816325.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.183+/-0.067 χ^2/NDF : 2138402.8/17

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 ± 0.145 χ^2/NDF : 3.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.124 χ^2/NDF : 14.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

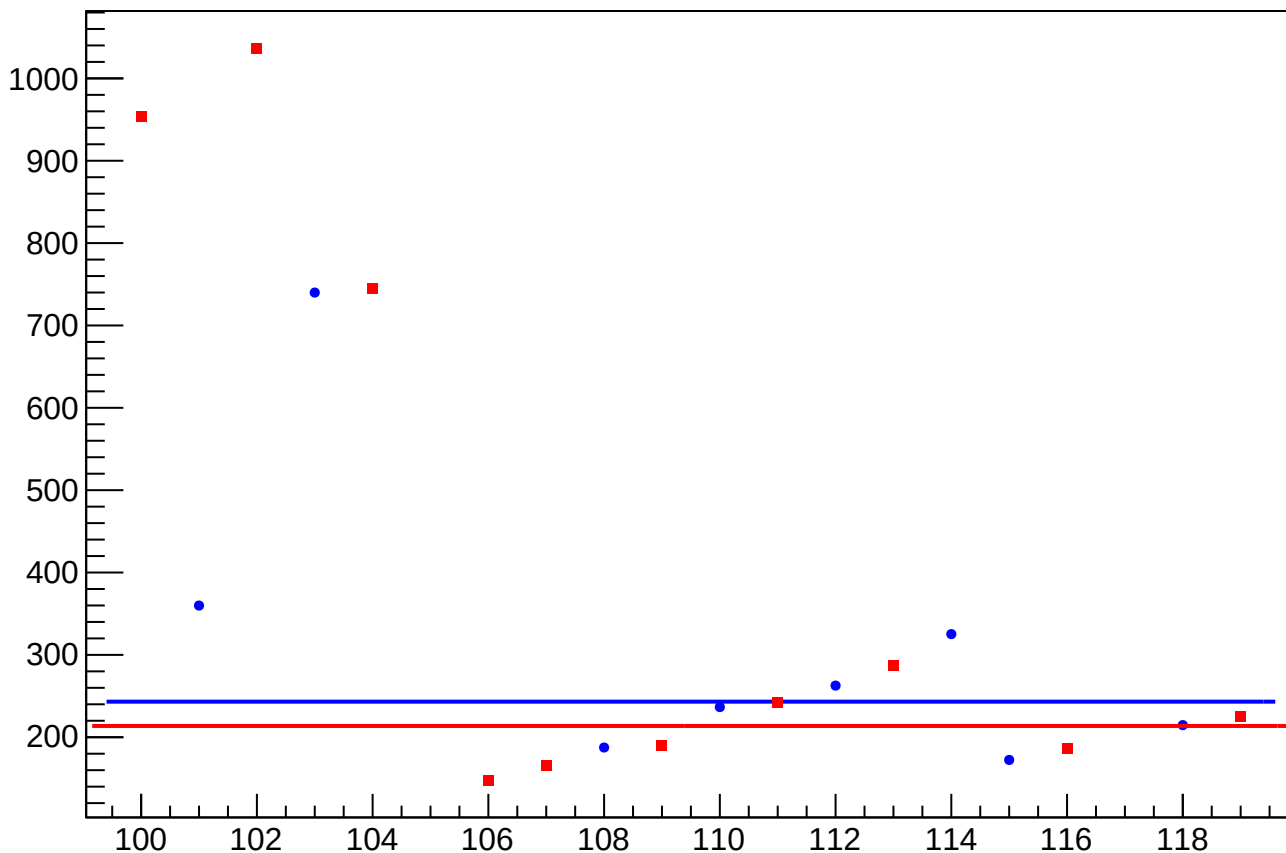
Right: -0.034 ± 0.094 χ^2/NDF : 17.3/17

In: -0.062 ± 0.145 χ^2/NDF : 3.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.034 ± 0.094 χ^2/NDF : 17.3/17

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 243.198+/-0.102 χ^2/NDF : 816325.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.695+/-0.088 χ^2/NDF : 1274186.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

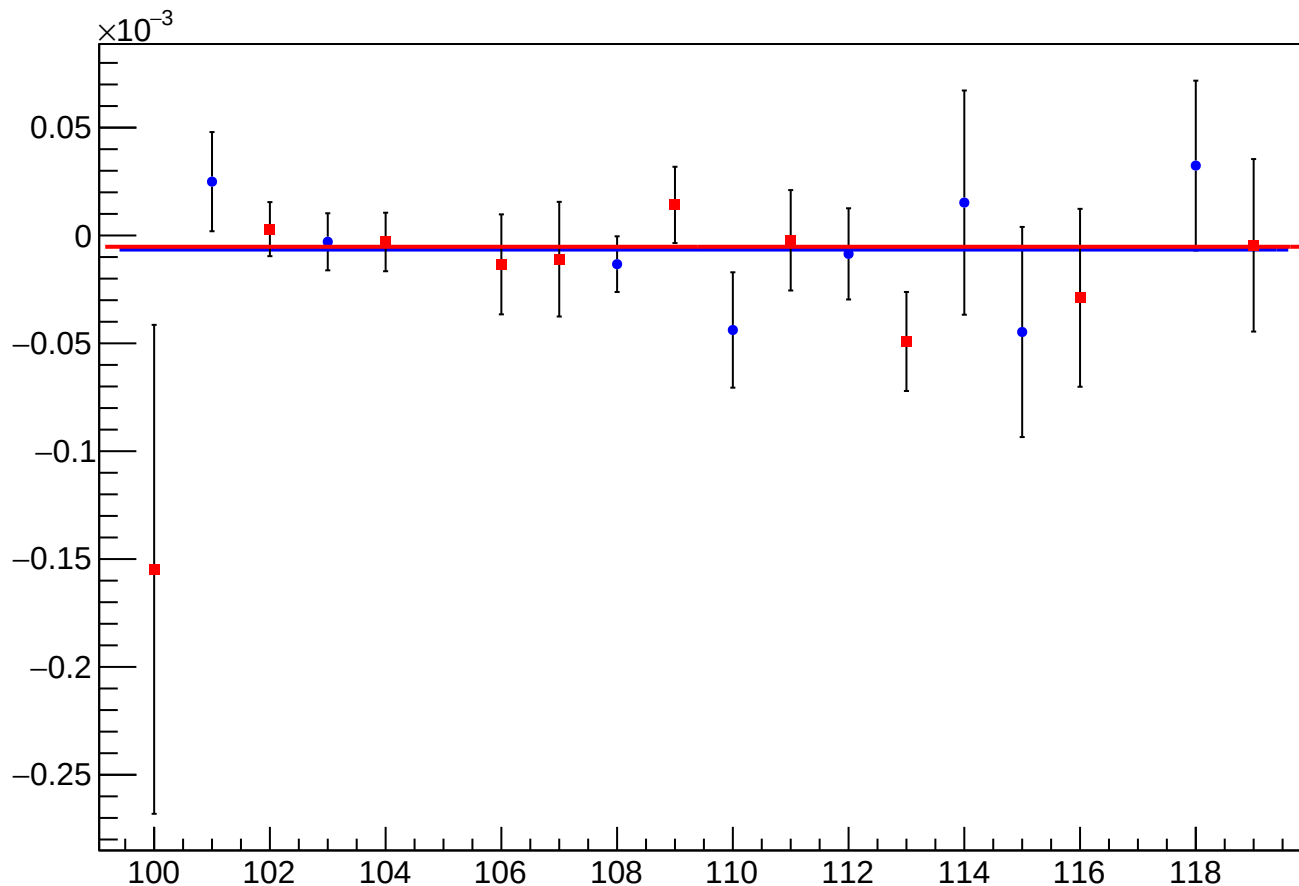
Right: 226.183+/-0.067 χ^2/NDF : 2138402.8/17

In: 243.198+/-0.102 χ^2/NDF : 816325.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.183+/-0.067 χ^2/NDF : 2138402.8/17

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 : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

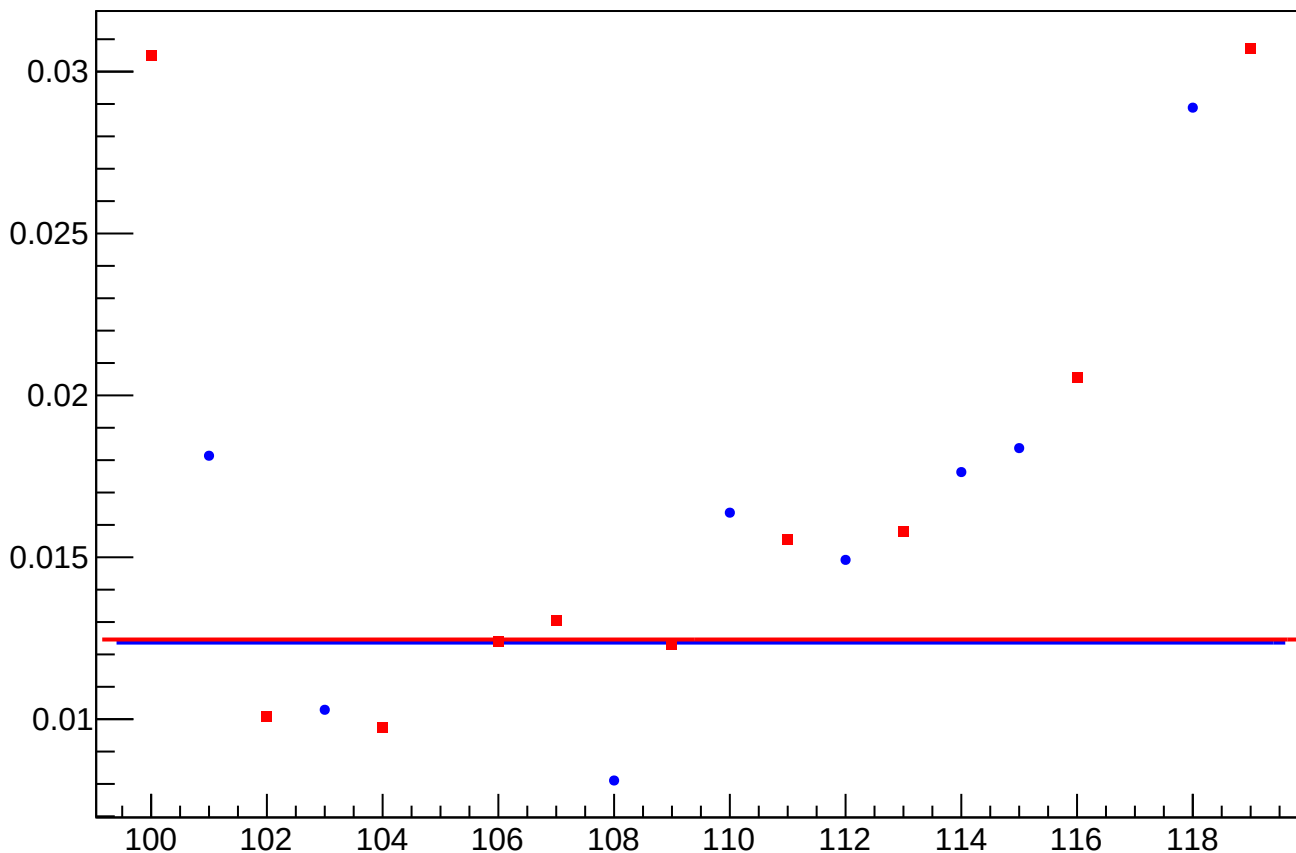
Right: -0.000+/-0.000 χ^2/NDF : 13.5/17

In: -0.000+/-0.000 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/17

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 : 870291.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 774101.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

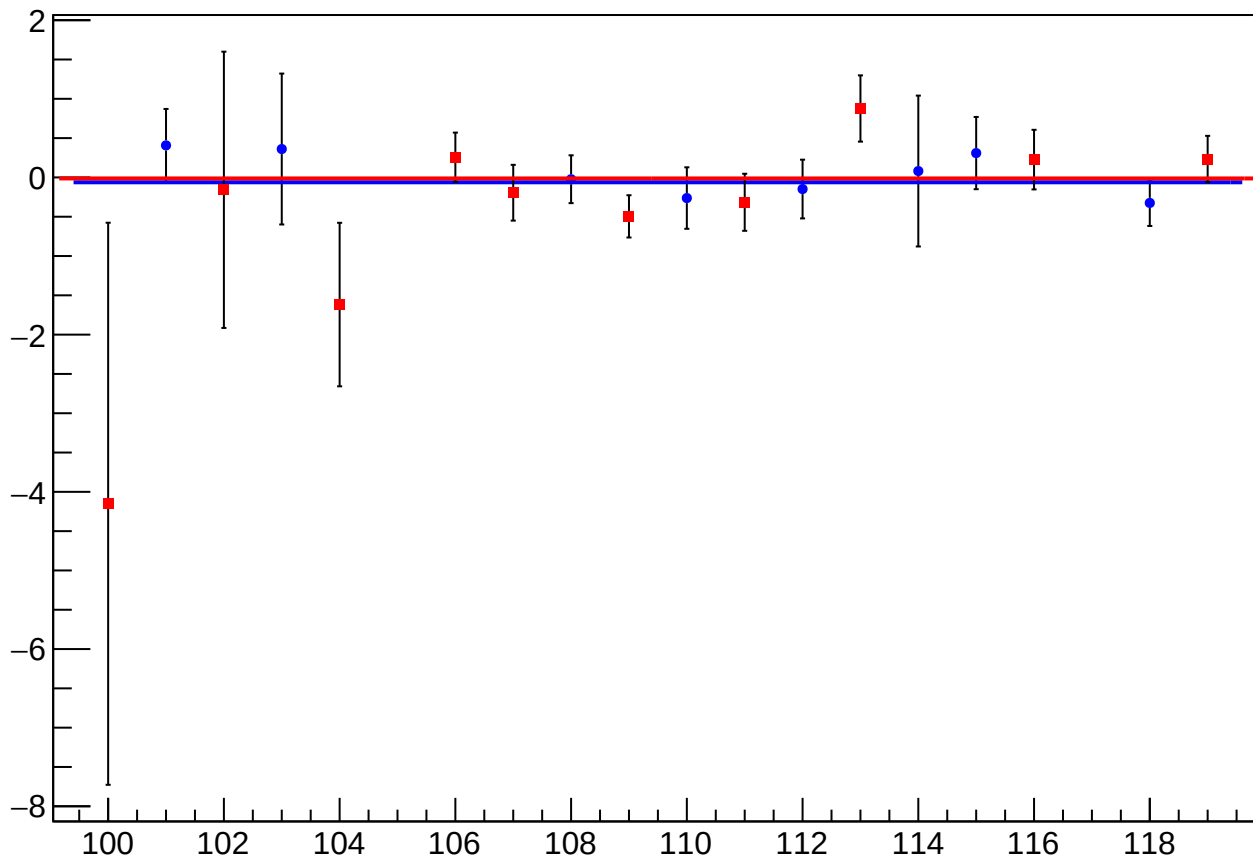
Right: 0.012+/-0.000 χ^2/NDF : 1644580.9/17

In: 0.012+/-0.000 χ^2/NDF :870291.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1644580.9/17

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.145 χ^2 /NDF: 3.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.124 χ^2 /NDF: 14.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

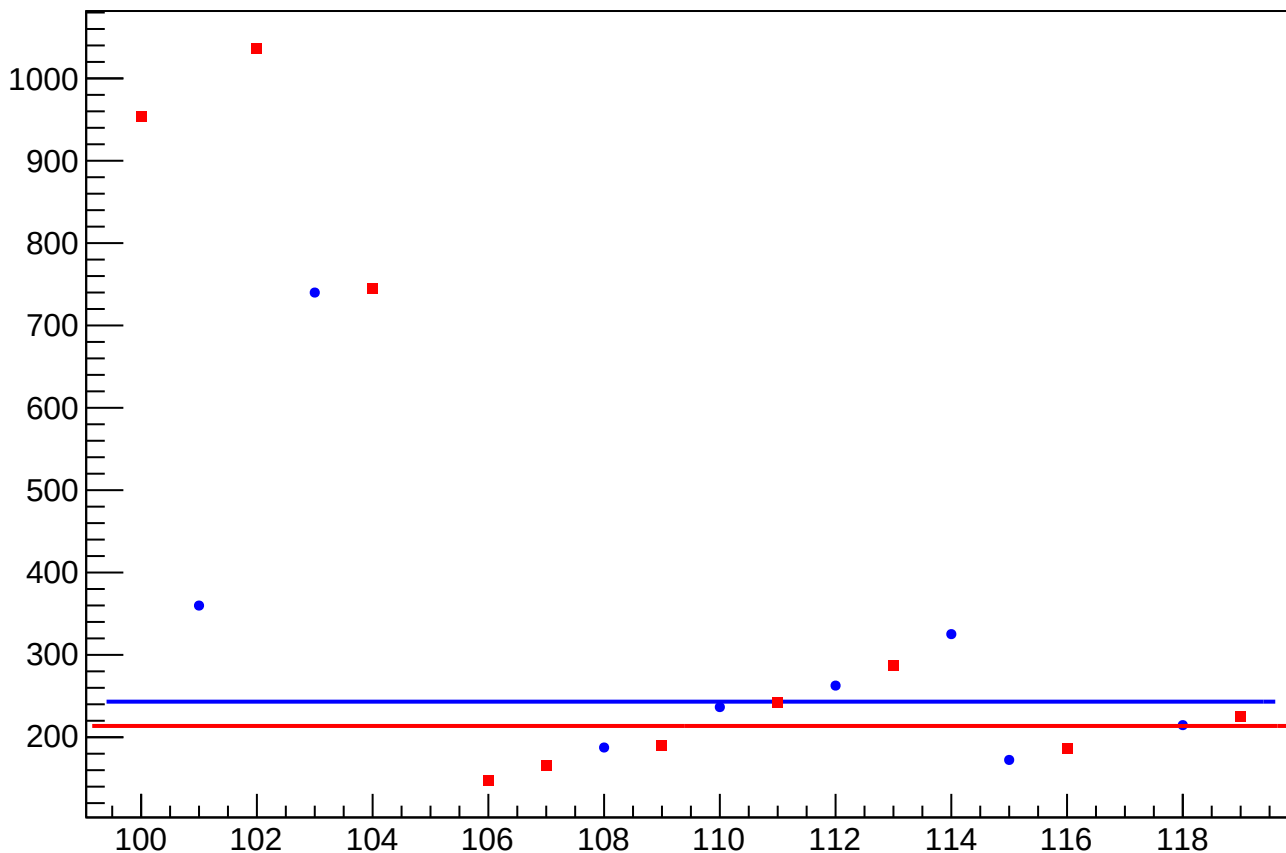
Right: -0.034 $\pm$ 0.094 χ^2 /NDF: 17.3/17

In: -0.062 $\pm$ 0.145 χ^2 /NDF:3.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.034 $\pm$ 0.094 χ^2 /NDF: 17.3/17

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 243.199+/-0.102 χ^2/NDF : 816308.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.697+/-0.088 χ^2/NDF : 1274186.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

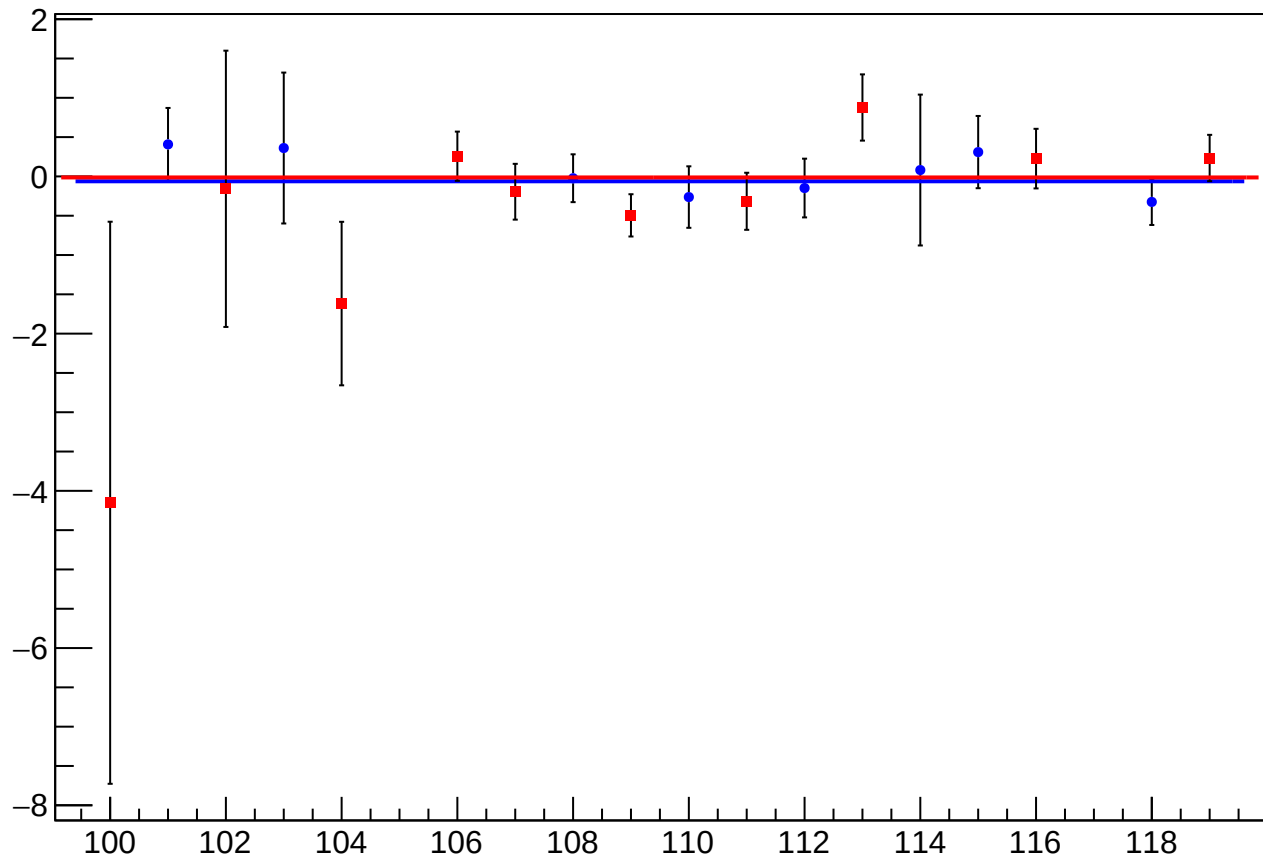
Right: 226.185+/-0.067 χ^2/NDF : 2138382.9/17

In: 243.199+/-0.102 χ^2/NDF : 816308.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.185+/-0.067 χ^2/NDF : 2138382.9/17

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.062±0.145 χ^2/NDF : 3.0/7

Left Out: 0.000±0.000 χ^2/NDF :0.0/0

Right Out: -0.013±0.124 χ^2/NDF : 14.2/9

Left In: 0.000±0.000 χ^2/NDF :0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

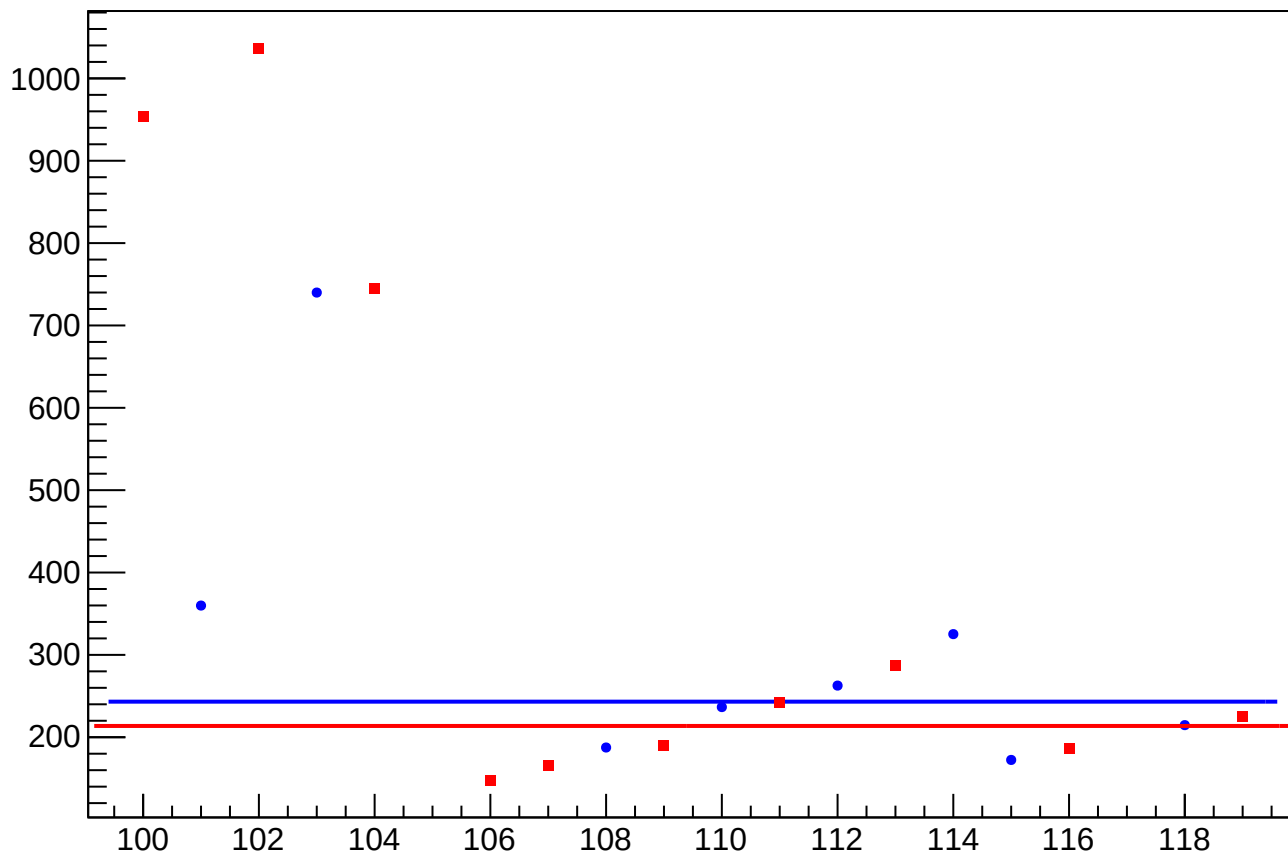
Right: -0.034±0.094 χ^2/NDF : 17.3/17

In: -0.062±0.145 χ^2/NDF :3.0/7

Out: 0.000±0.000 χ^2/NDF :0.0/0

All: -0.034±0.094 χ^2/NDF : 17.3/17

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 243.199 ± 0.102 χ^2/NDF : 816308.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 213.697 ± 0.088 χ^2/NDF : 1274186.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

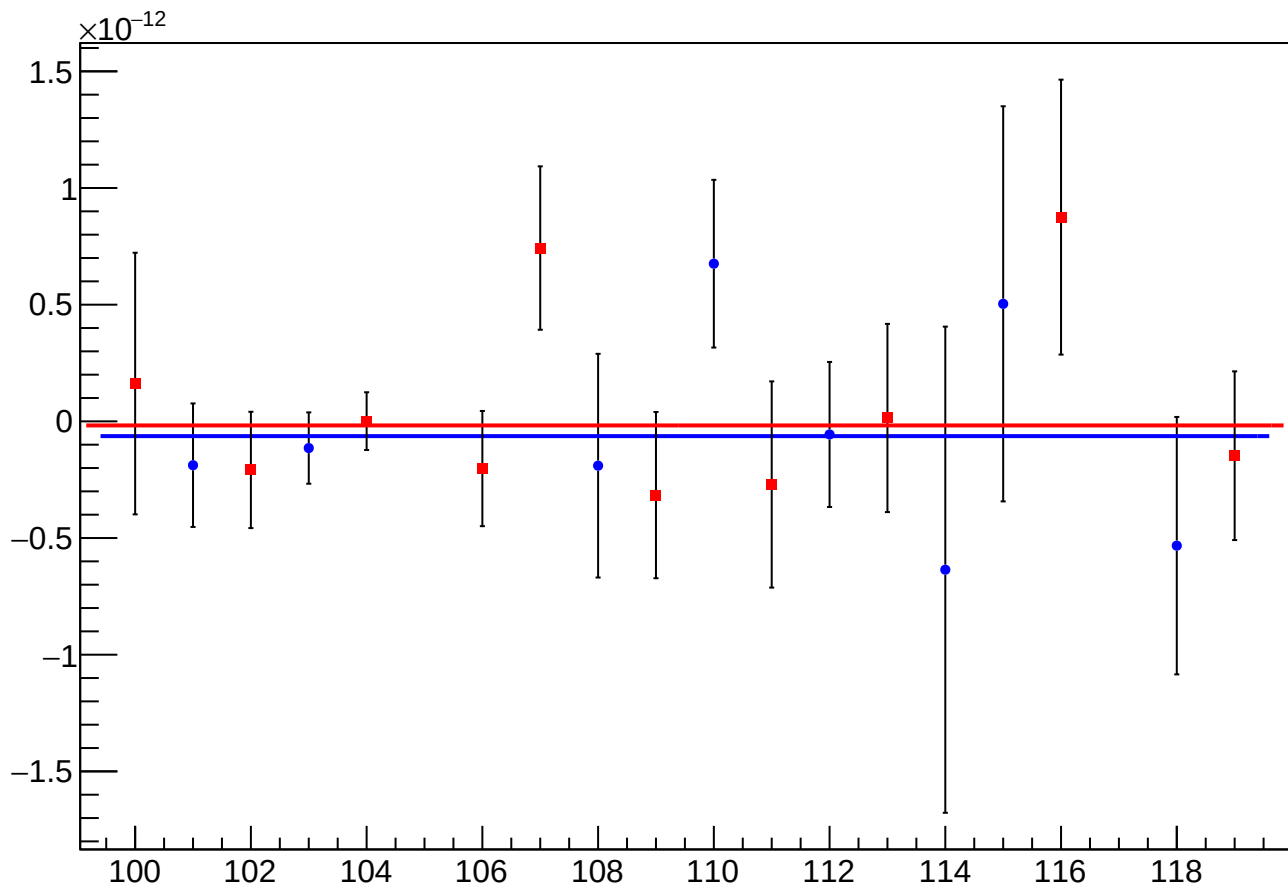
Right: 226.185 ± 0.067 χ^2/NDF : 2138382.9/17

In: 243.199 ± 0.102 χ^2/NDF : 816308.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 226.185 ± 0.067 χ^2/NDF : 2138382.9/17

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: 6.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 9.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

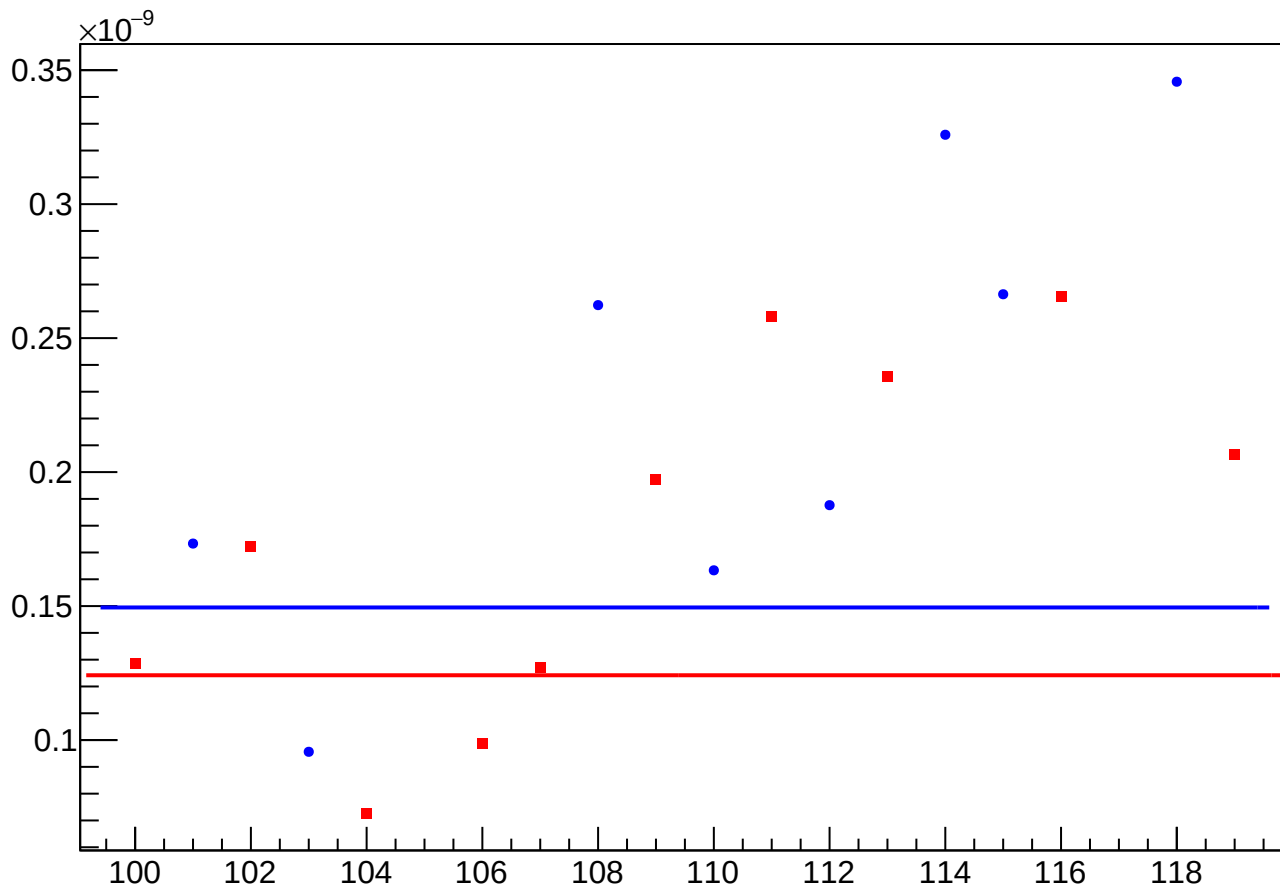
Right: -0.000+/-0.000 χ^2 /NDF: 15.7/17

In: -0.000+/-0.000 χ^2 /NDF:6.1/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 15.7/17

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 : 756966.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1083711.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

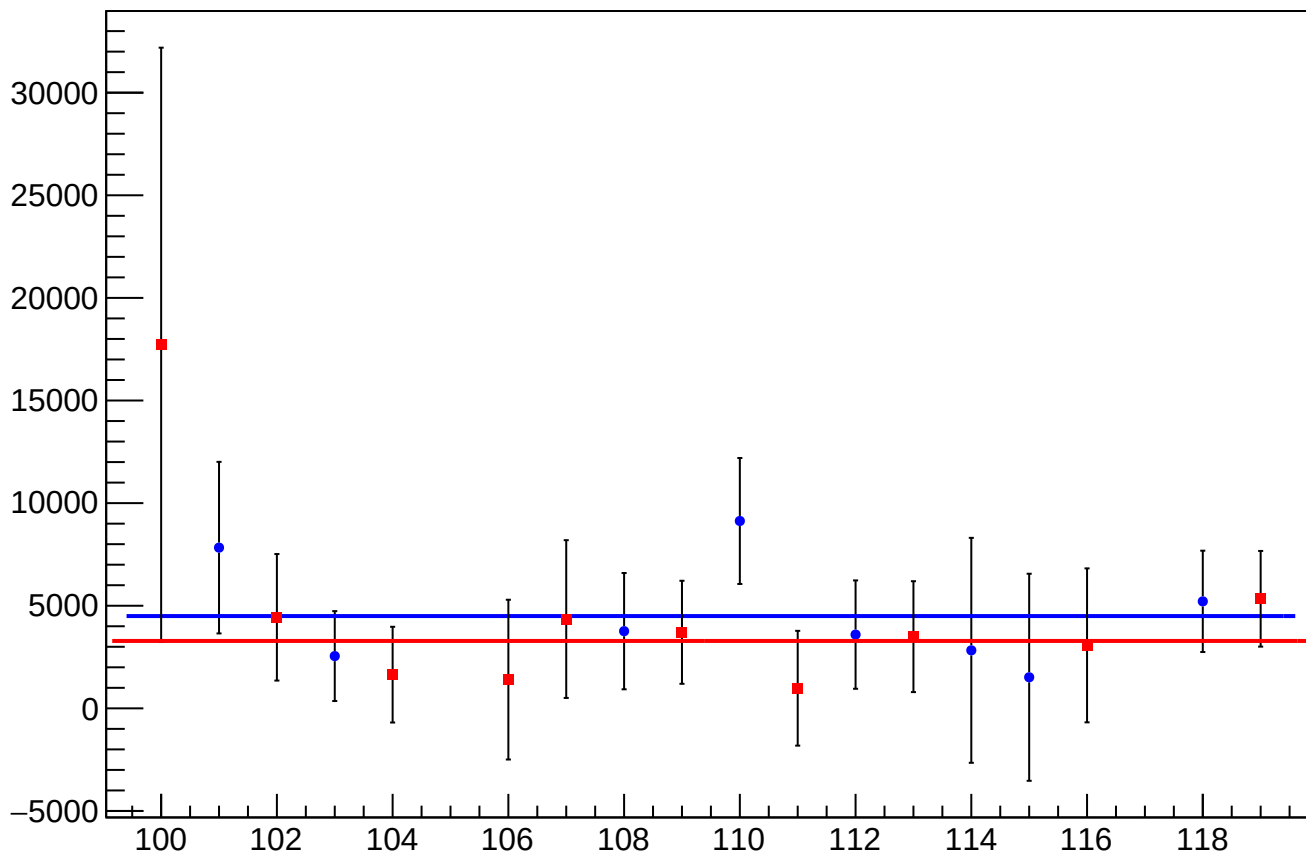
Right: 0.000+/-0.000 χ^2/NDF : 1908243.4/17

In: 0.000+/-0.000 χ^2/NDF : 756966.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1908243.4/17

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4496.901+/-1068.133 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3284.149+/-950.815 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

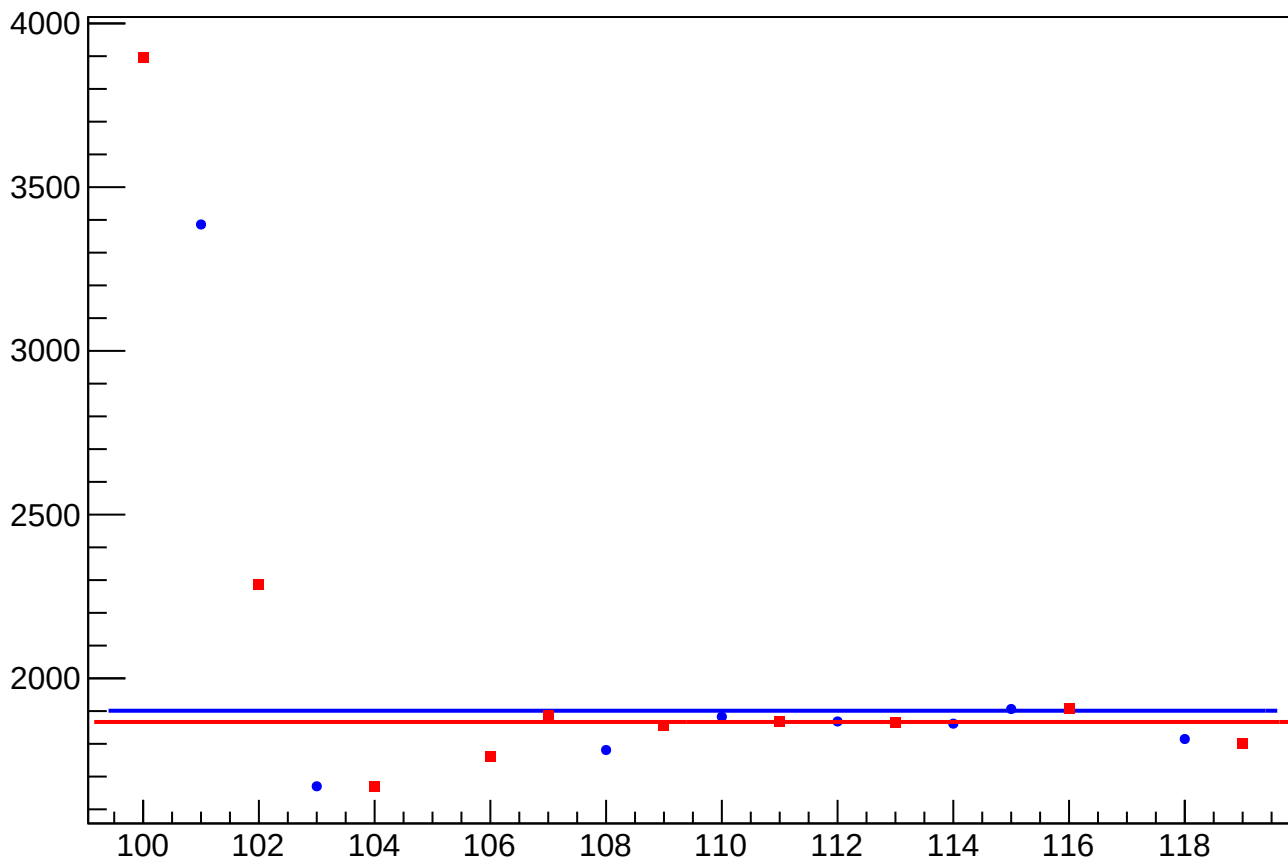
Right: 3820.291+/-710.198 χ^2/NDF : 8.6/17

In: 4496.901+/-1068.133 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3820.291+/-710.198 χ^2/NDF : 8.6/17

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1901.105+/-0.755 χ^2/NDF : 281084.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1866.763+/-0.669 χ^2/NDF : 94248.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

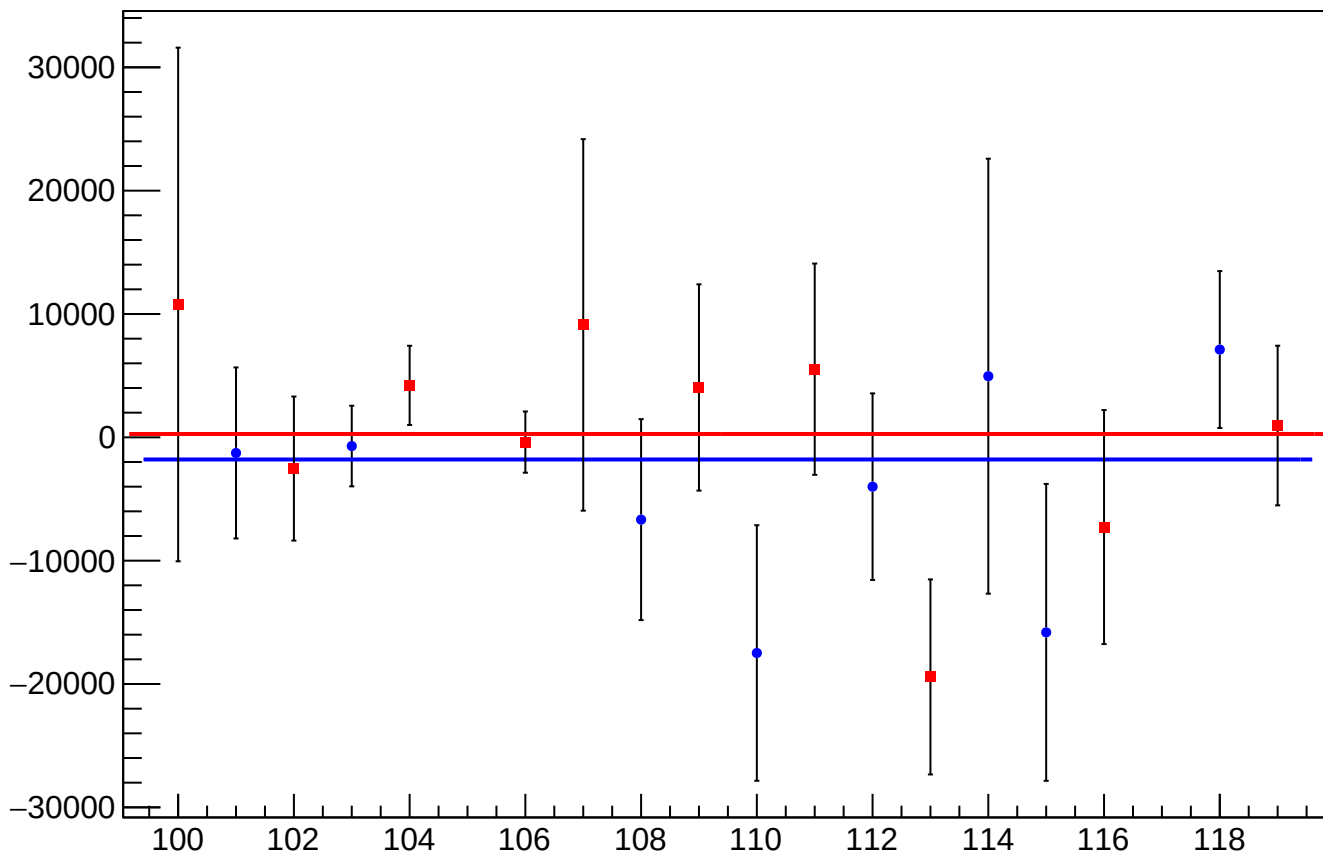
Right: 1881.850+/-0.501 χ^2/NDF : 376492.0/17

In: 1901.105+/-0.755 χ^2/NDF : 281084.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.850+/-0.501 χ^2/NDF : 376492.0/17

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1796.121+/-2287.350 χ^2/NDF : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.427+/-1634.210 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

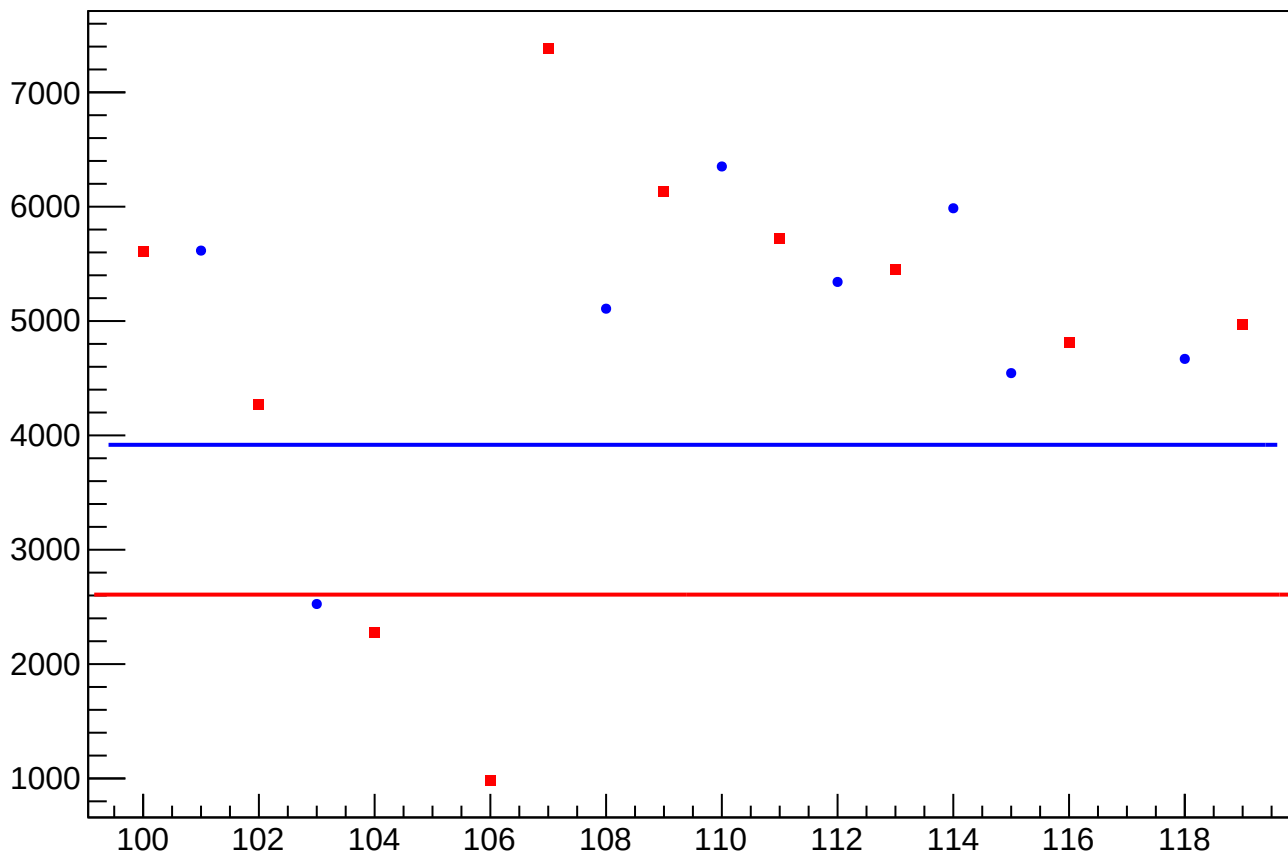
Right: -427.289+/-1329.705 χ^2/NDF : 16.7/17

In: -1796.121+/-2287.350 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -427.289+/-1329.705 χ^2/NDF : 16.7/17

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3917.620+/-1.617 χ^2/NDF : 767763.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2607.631+/-1.156 χ^2/NDF : 2537289.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

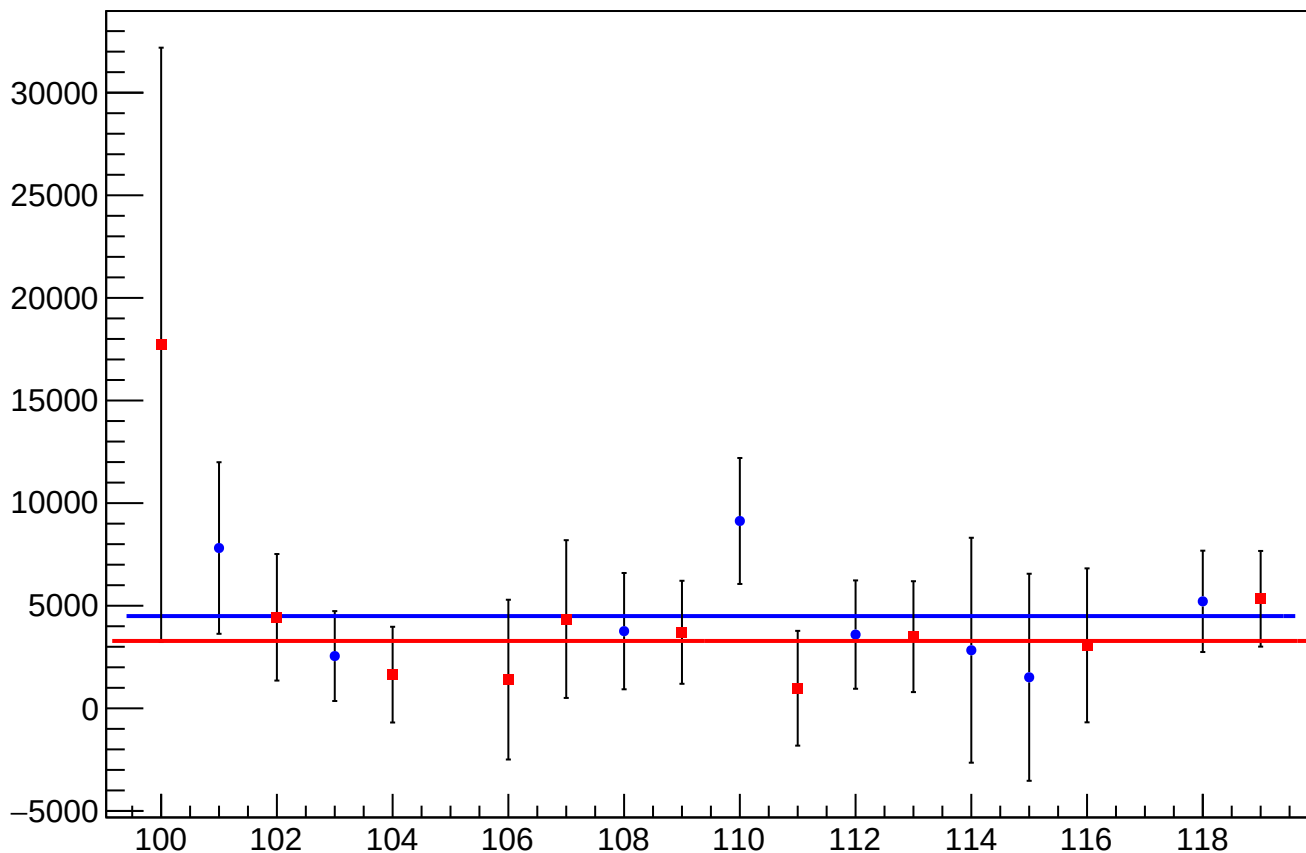
Right: 3050.334+/-0.940 χ^2/NDF : 3739357.7/17

In: 3917.620+/-1.617 χ^2/NDF : 767763.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3050.334+/-0.940 χ^2/NDF : 3739357.7/17

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4495.961+/-1068.134 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3283.802+/-950.816 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

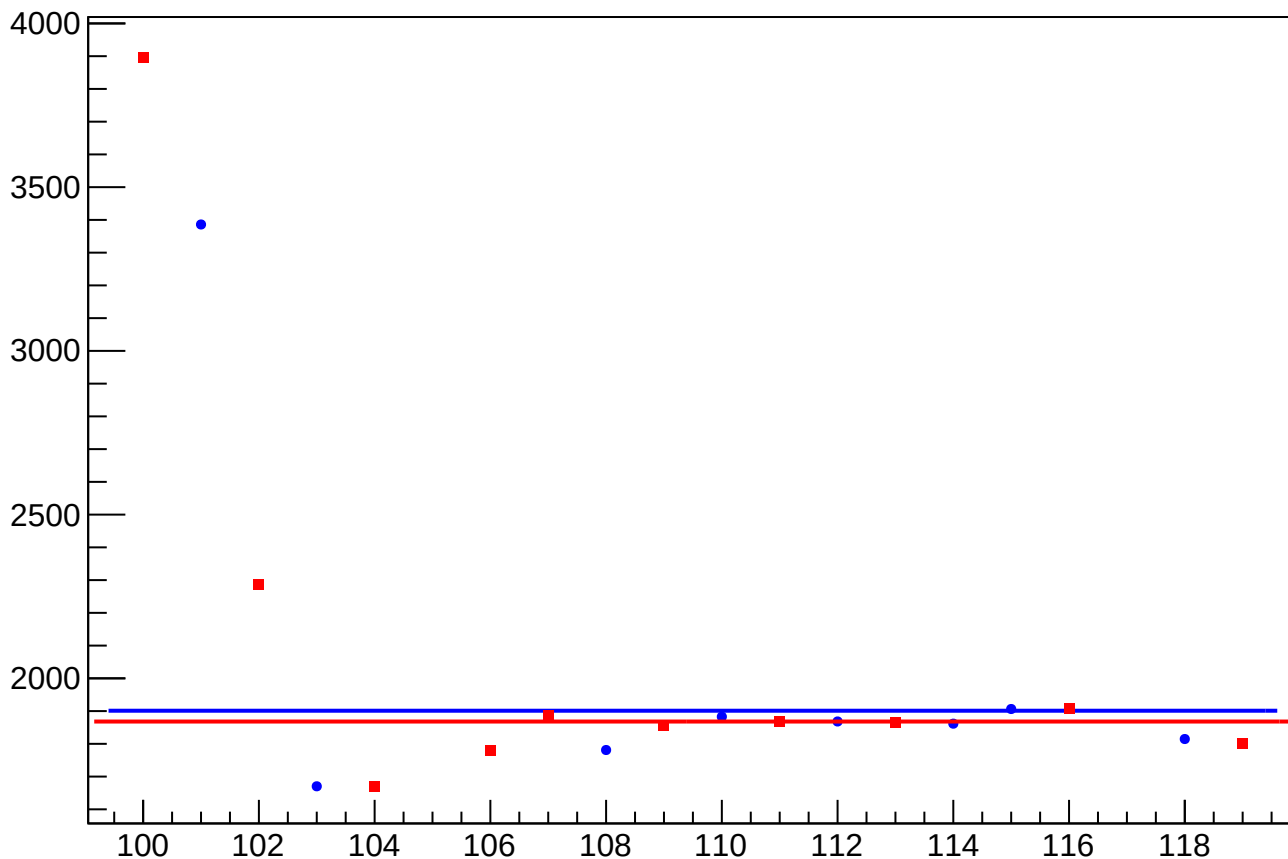
Right: 3819.682+/-710.198 χ^2/NDF : 8.6/17

In: 4495.961+/-1068.134 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3819.682+/-710.198 χ^2/NDF : 8.6/17

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1901.105+/-0.755 χ^2/NDF : 281086.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.092+/-0.669 χ^2/NDF : 93697.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

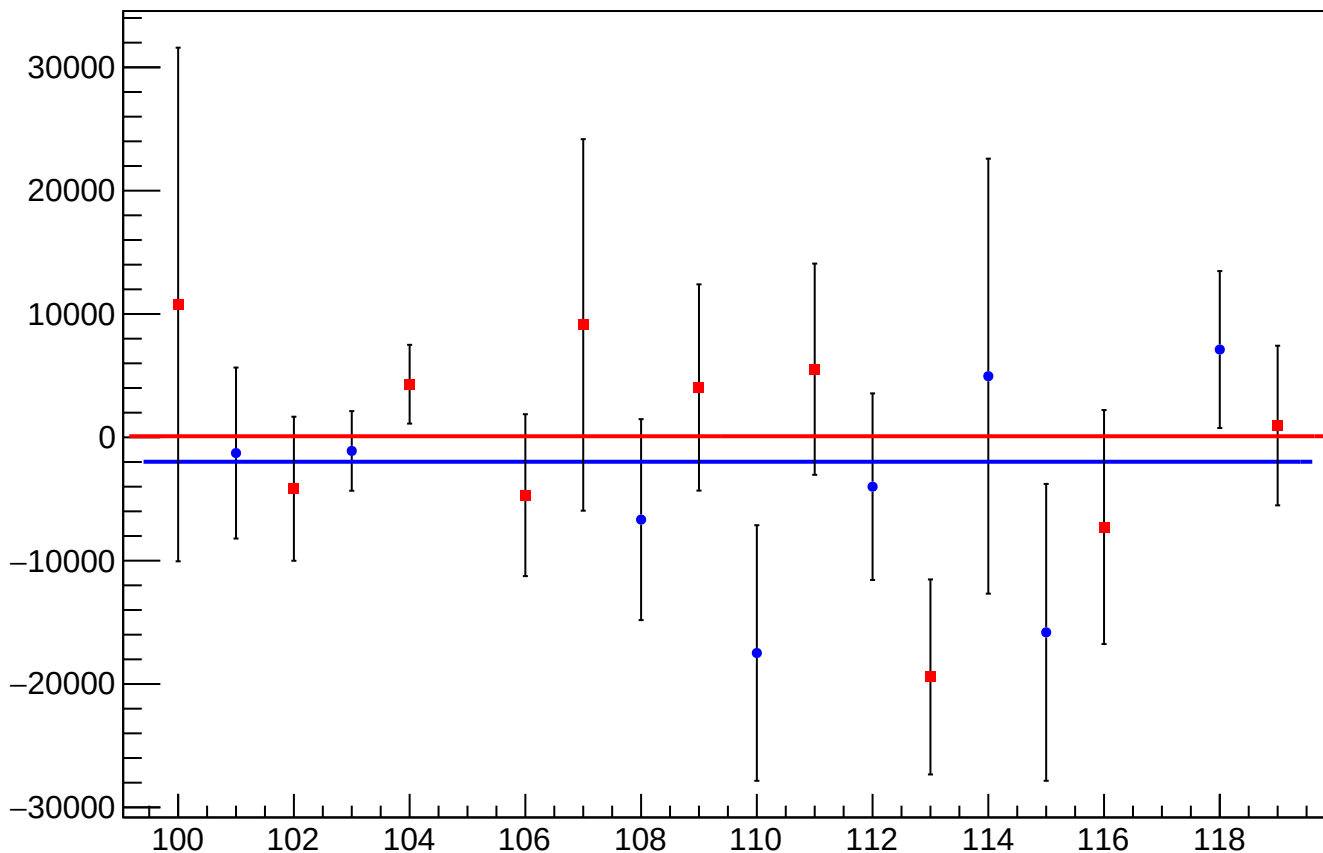
Right: 1882.604+/-0.501 χ^2/NDF : 375854.8/17

In: 1901.105+/-0.755 χ^2/NDF : 281086.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.604+/-0.501 χ^2/NDF : 375854.8/17

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1979.602 $\pm$ 2273.658 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 88.208 $\pm$ 2057.508 χ^2 /NDF: 10.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

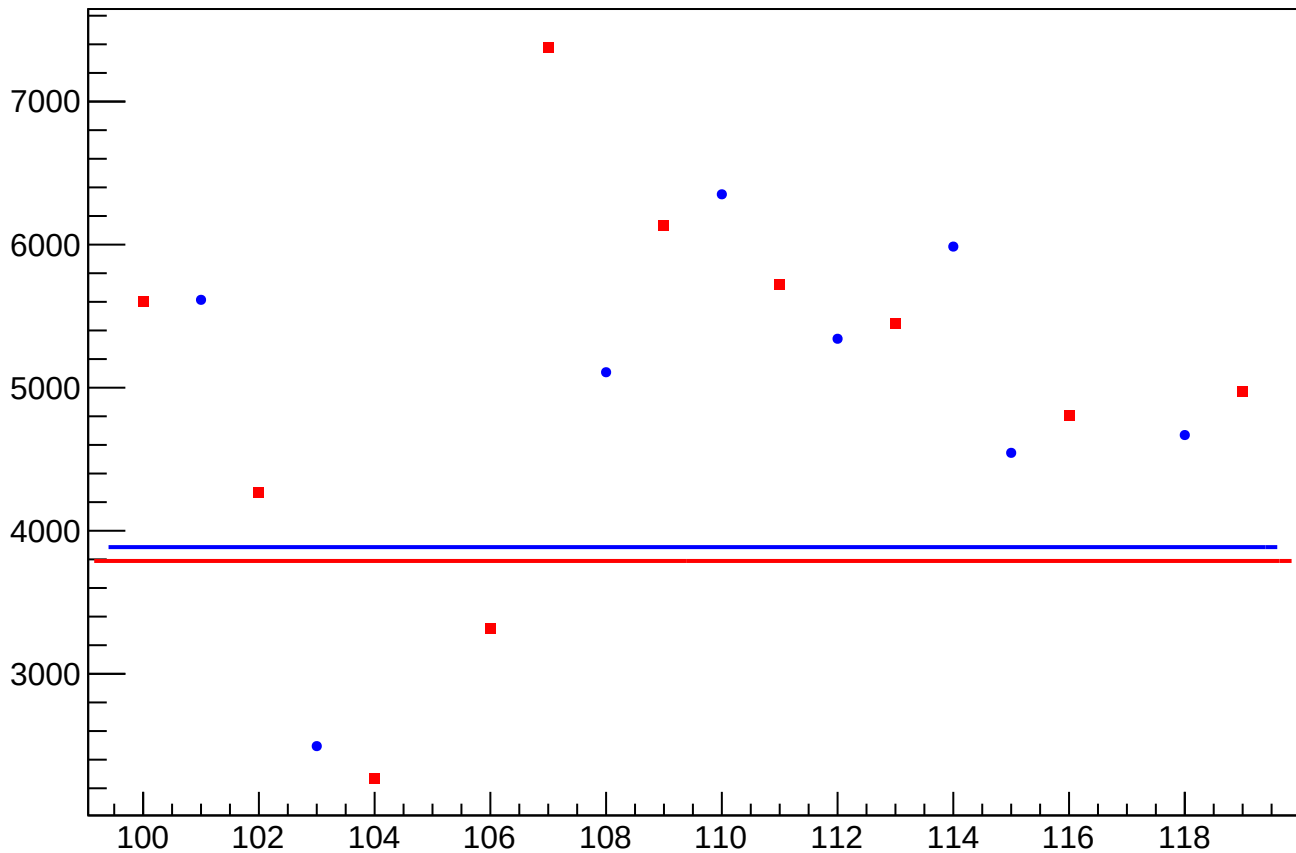
Right: -842.758 $\pm$ 1525.586 χ^2 /NDF: 17.5/17

In: -1979.602 $\pm$ 2273.658 χ^2 /NDF:6.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -842.758 $\pm$ 1525.586 χ^2 /NDF: 17.5/17

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3885.695+/-1.608 χ^2/NDF : 792772.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3788.911+/-1.455 χ^2/NDF : 1042924.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

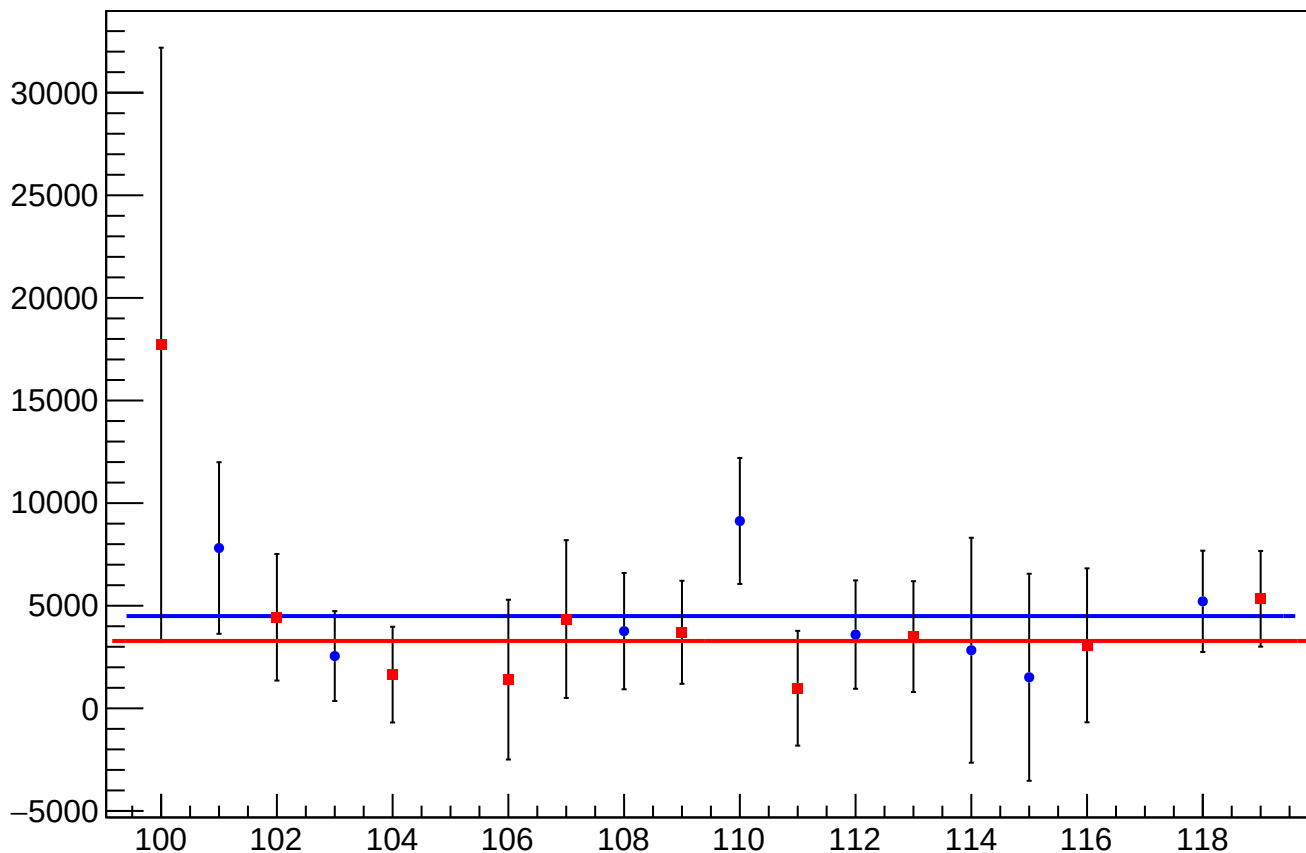
Right: 3832.485+/-1.079 χ^2/NDF : 1837689.3/17

In: 3885.695+/-1.608 χ^2/NDF : 792772.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3832.485+/-1.079 χ^2/NDF : 1837689.3/17

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4495.961+/-1068.134 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3283.802+/-950.816 χ^2/NDF : 3.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

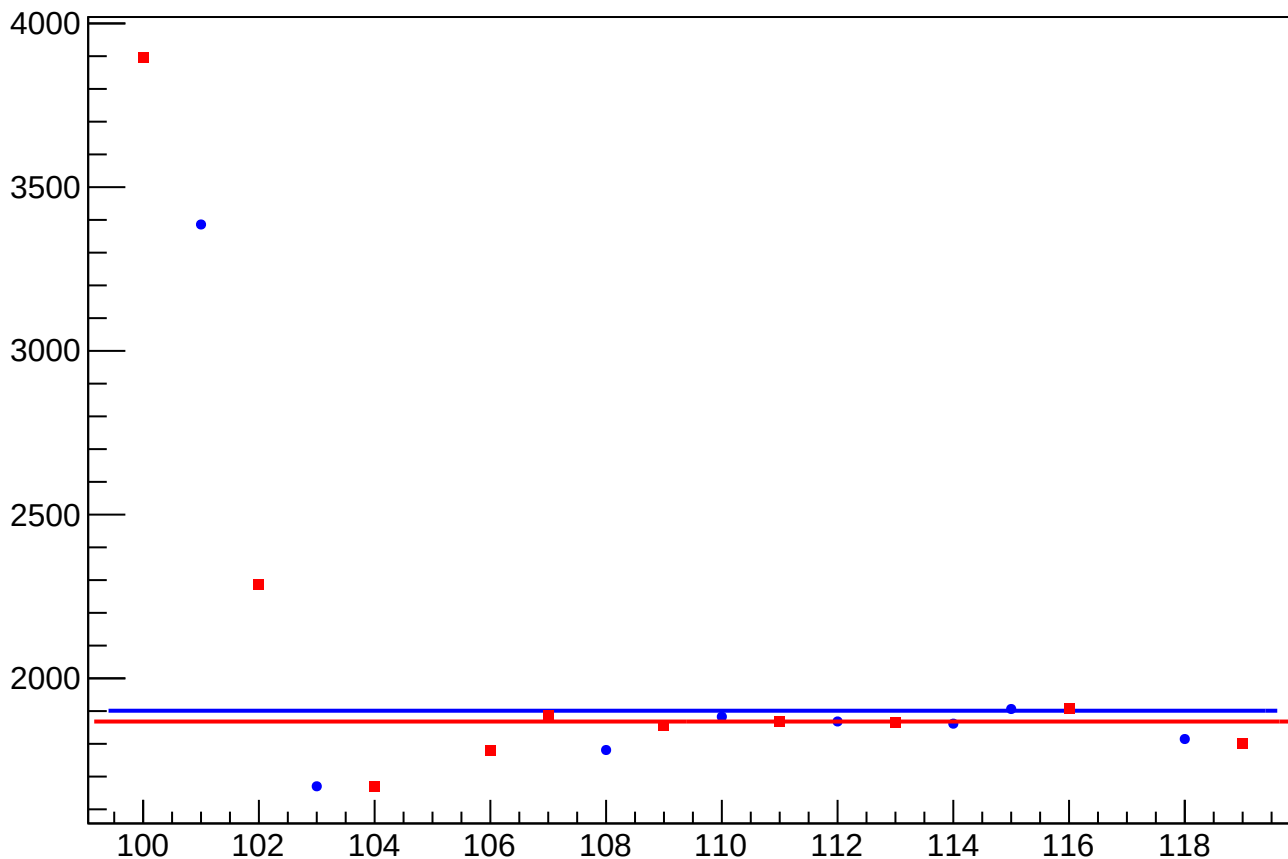
Right: 3819.682+/-710.198 χ^2/NDF : 8.6/17

In: 4495.961+/-1068.134 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3819.682+/-710.198 χ^2/NDF : 8.6/17

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1901.105+/-0.755 χ^2/NDF : 281086.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.092+/-0.669 χ^2/NDF : 93697.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

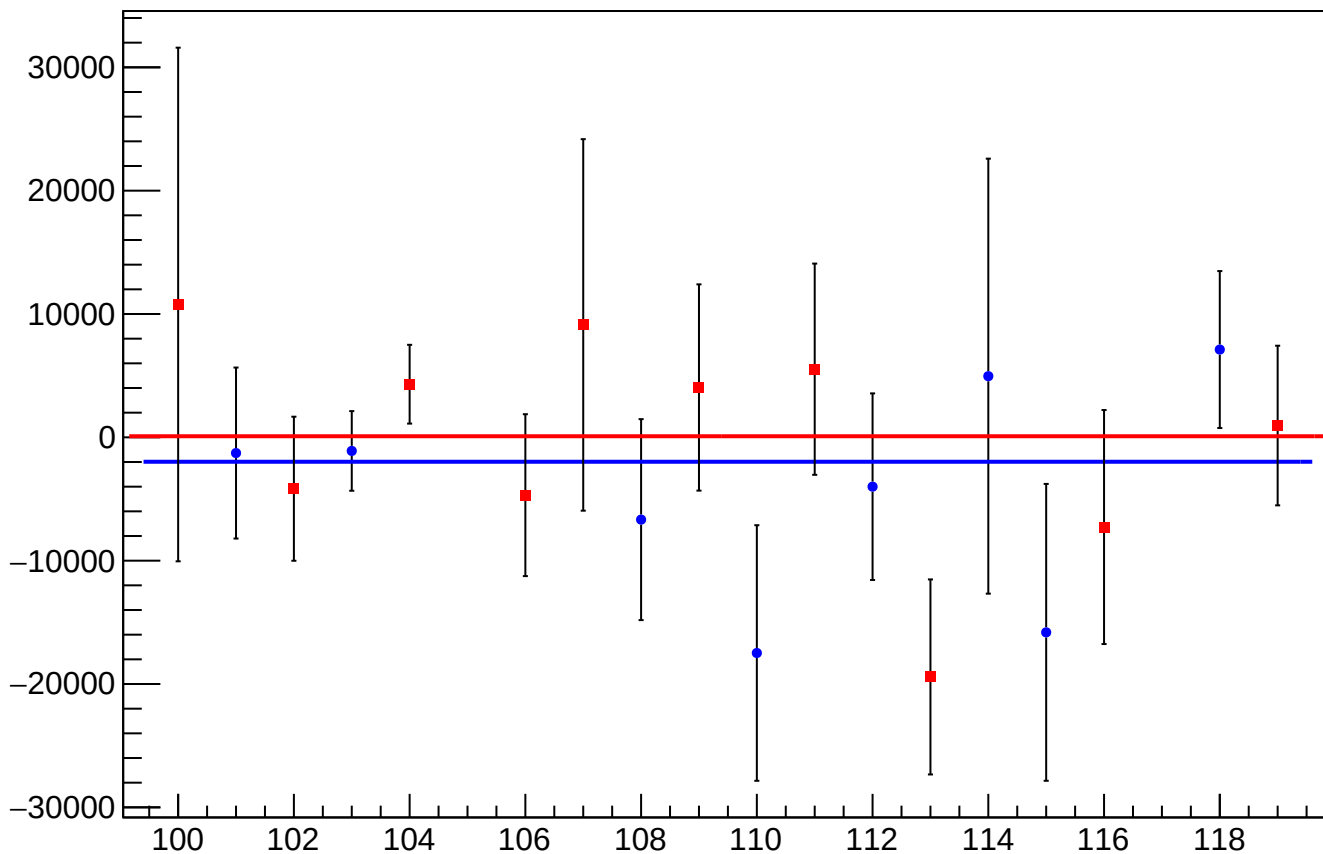
Right: 1882.604+/-0.501 χ^2/NDF : 375854.8/17

In: 1901.105+/-0.755 χ^2/NDF : 281086.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.604+/-0.501 χ^2/NDF : 375854.8/17

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1979.602+/-2273.658 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.208+/-2057.508 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

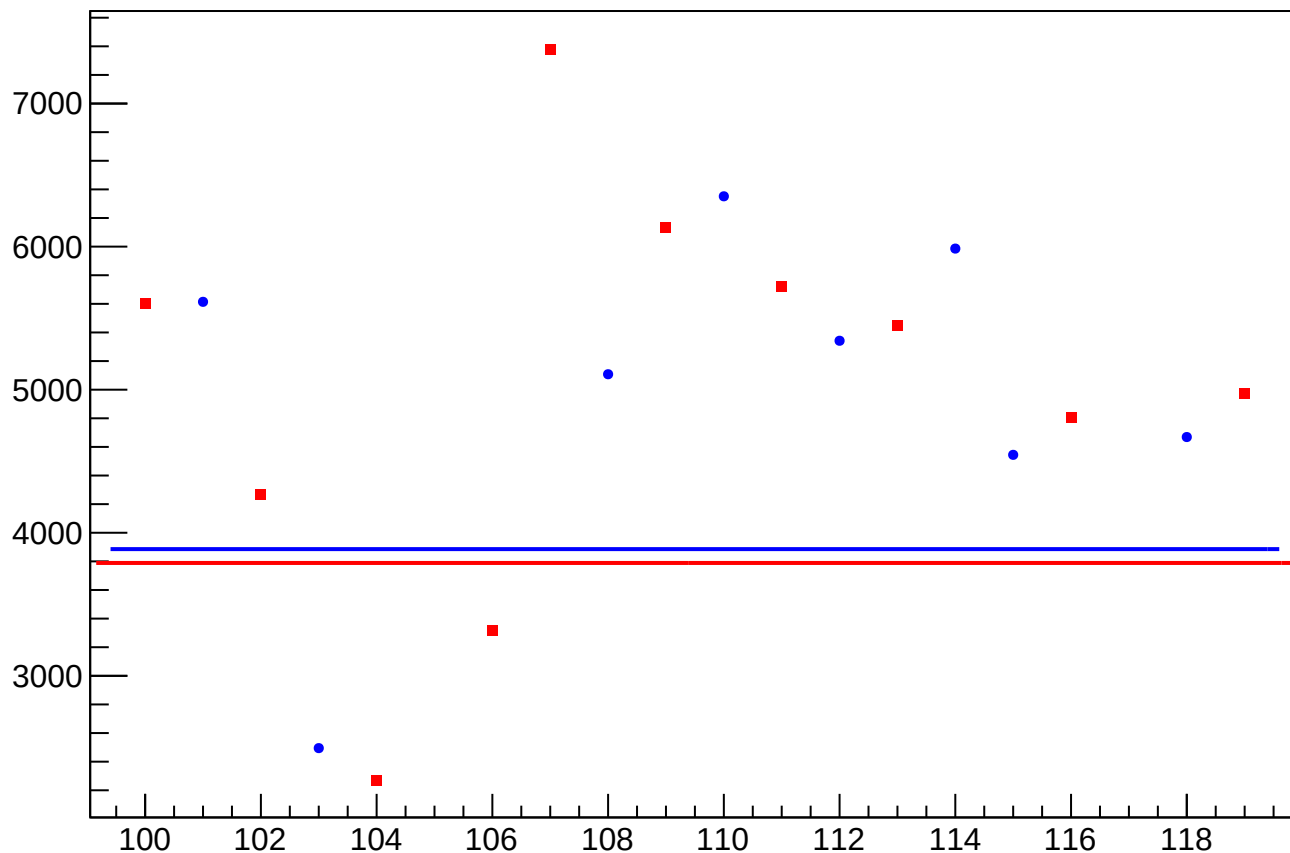
Right: -842.758+/-1525.586 χ^2/NDF : 17.5/17

In: -1979.602+/-2273.658 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -842.758+/-1525.586 χ^2/NDF : 17.5/17

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3885.695+/-1.608 χ^2/NDF : 792772.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3788.911+/-1.455 χ^2/NDF : 1042924.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

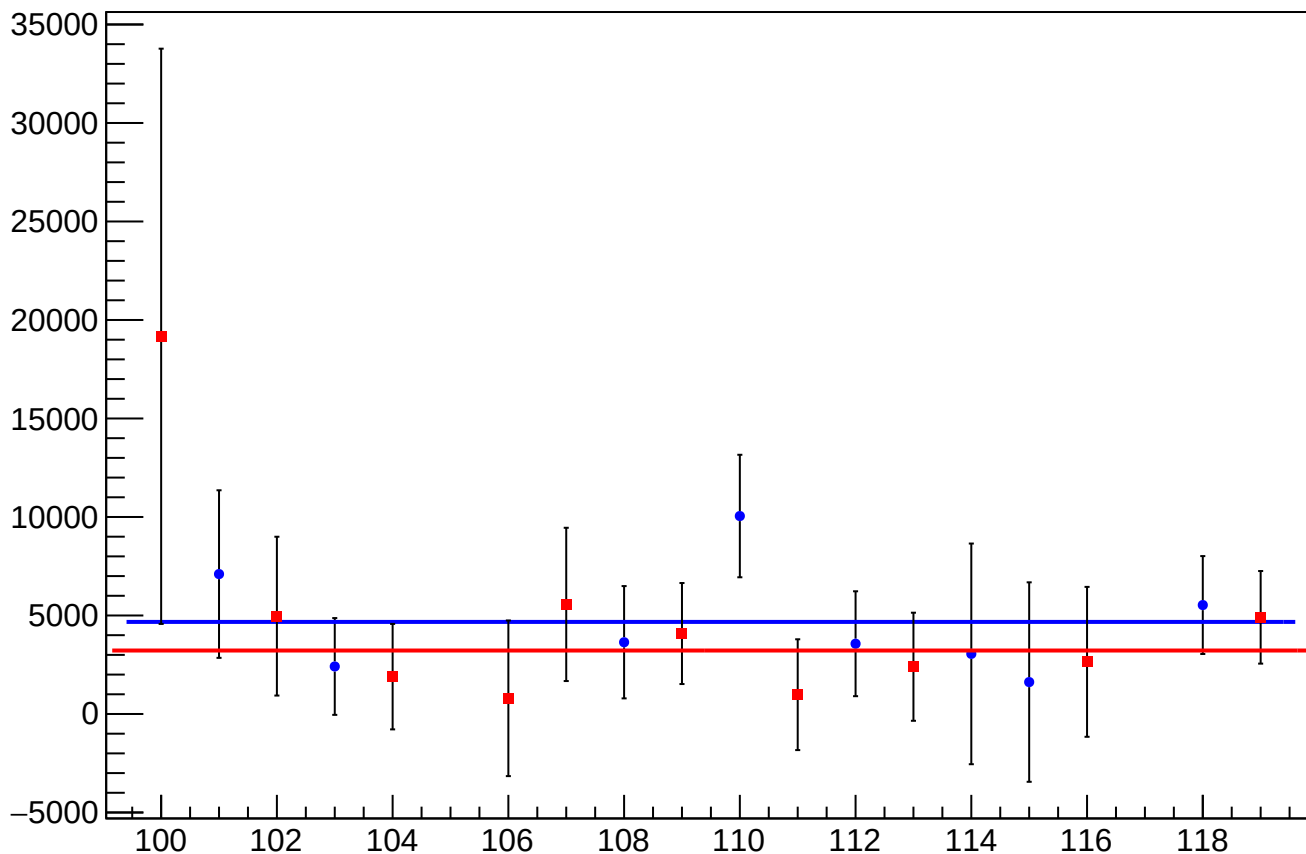
Right: 3832.485+/-1.079 χ^2/NDF : 1837689.3/17

In: 3885.695+/-1.608 χ^2/NDF : 792772.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3832.485+/-1.079 χ^2/NDF : 1837689.3/17

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4673.728+/-1103.365 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3221.604+/-1001.251 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

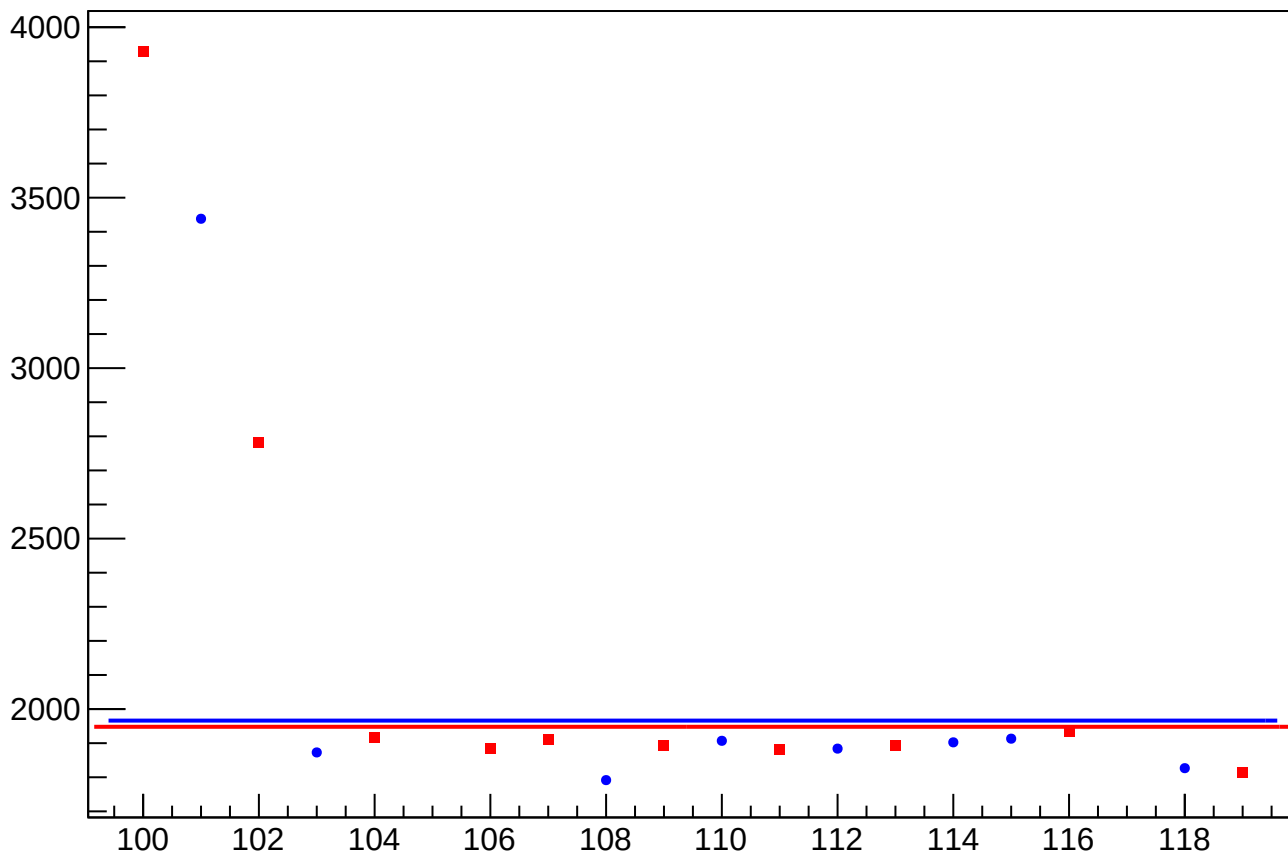
Right: 3877.376+/-741.470 χ^2/NDF : 9.7/17

In: 4673.728+/-1103.365 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3877.376+/-741.470 χ^2/NDF : 9.7/17

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1966.199+/-0.780 χ^2/NDF : 259333.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1948.046+/-0.707 χ^2/NDF : 132626.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

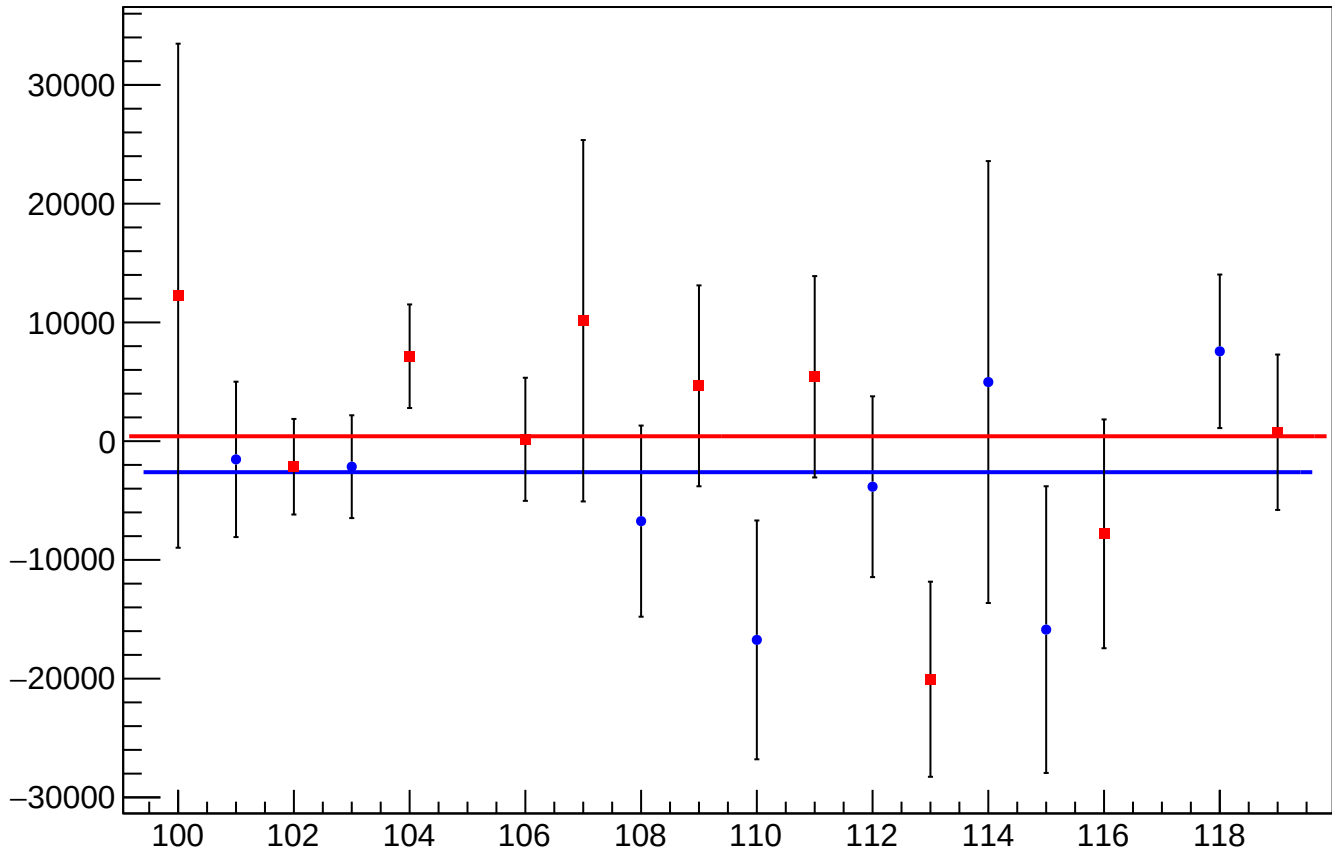
Right: 1956.225+/-0.524 χ^2/NDF : 392257.9/17

In: 1966.199+/-0.780 χ^2/NDF : 259333.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.225+/-0.524 χ^2/NDF : 392257.9/17

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2612.581+/-2556.788 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 412.058+/-2063.566 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

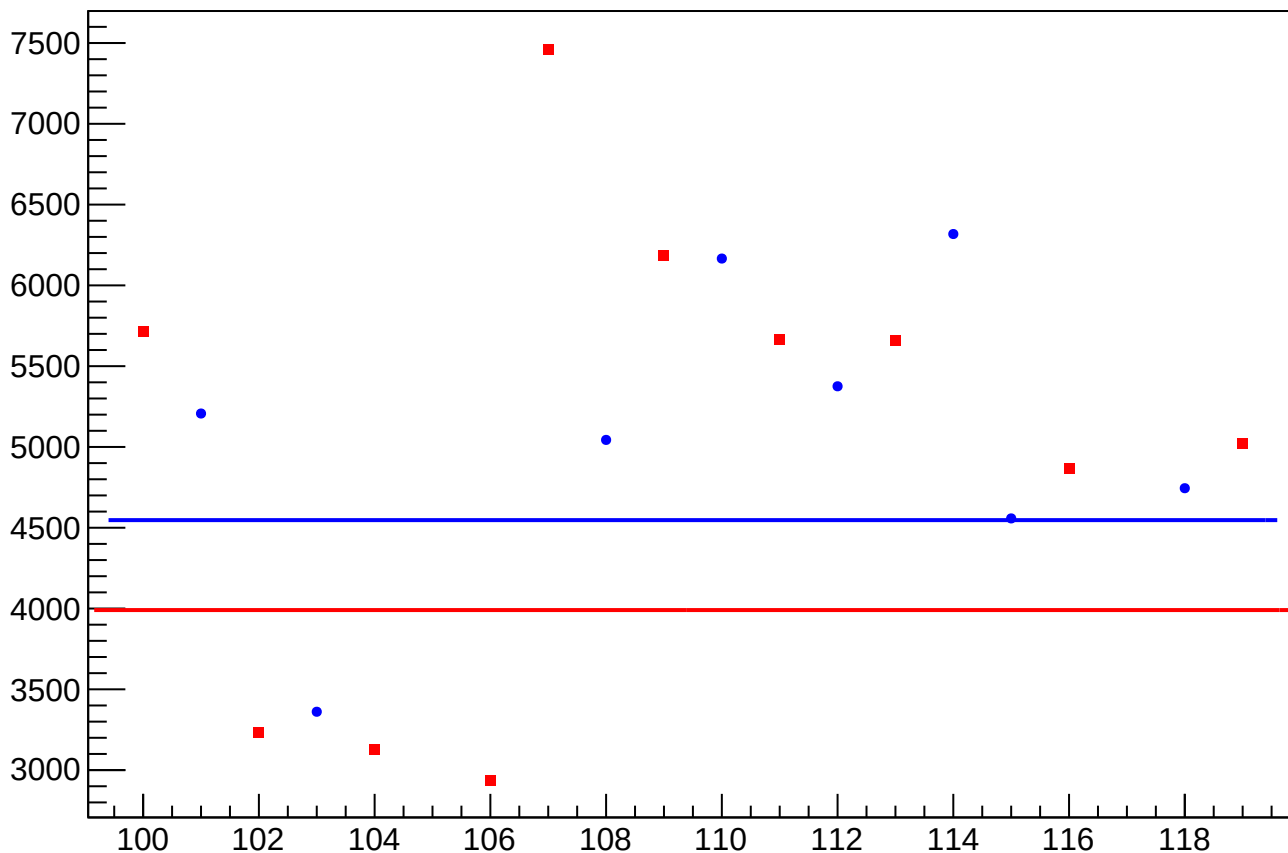
Right: -781.020+/-1605.803 χ^2/NDF : 18.0/17

In: -2612.581+/-2556.788 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -781.020+/-1605.803 χ^2/NDF : 18.0/17

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4547.163+/-1.808 χ^2/NDF : 273530.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3990.495+/-1.459 χ^2/NDF : 709749.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

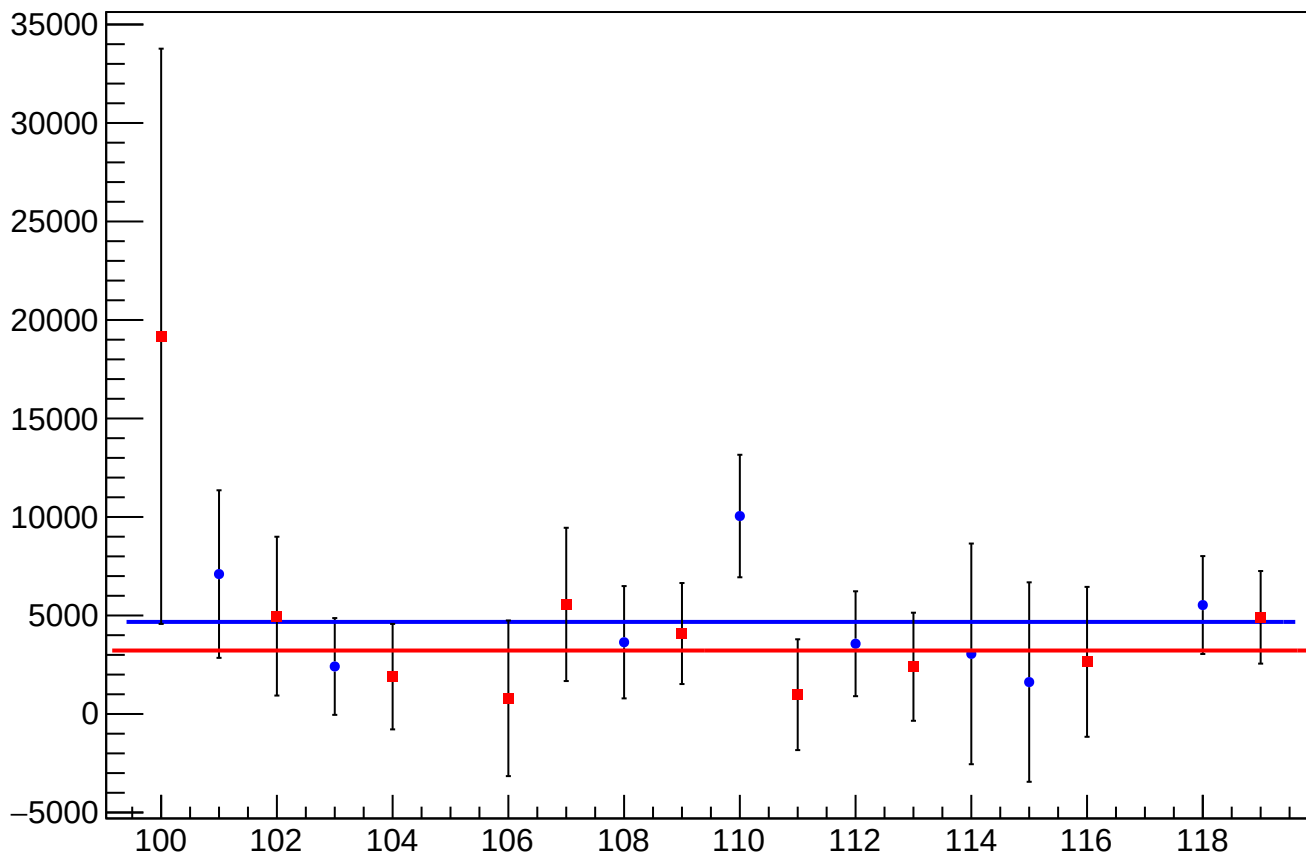
Right: 4210.075+/-1.135 χ^2/NDF : 1040688.7/17

In: 4547.163+/-1.808 χ^2/NDF : 273530.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4210.075+/-1.135 χ^2/NDF : 1040688.7/17

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4673.731+/-1103.365 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3221.606+/-1001.250 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

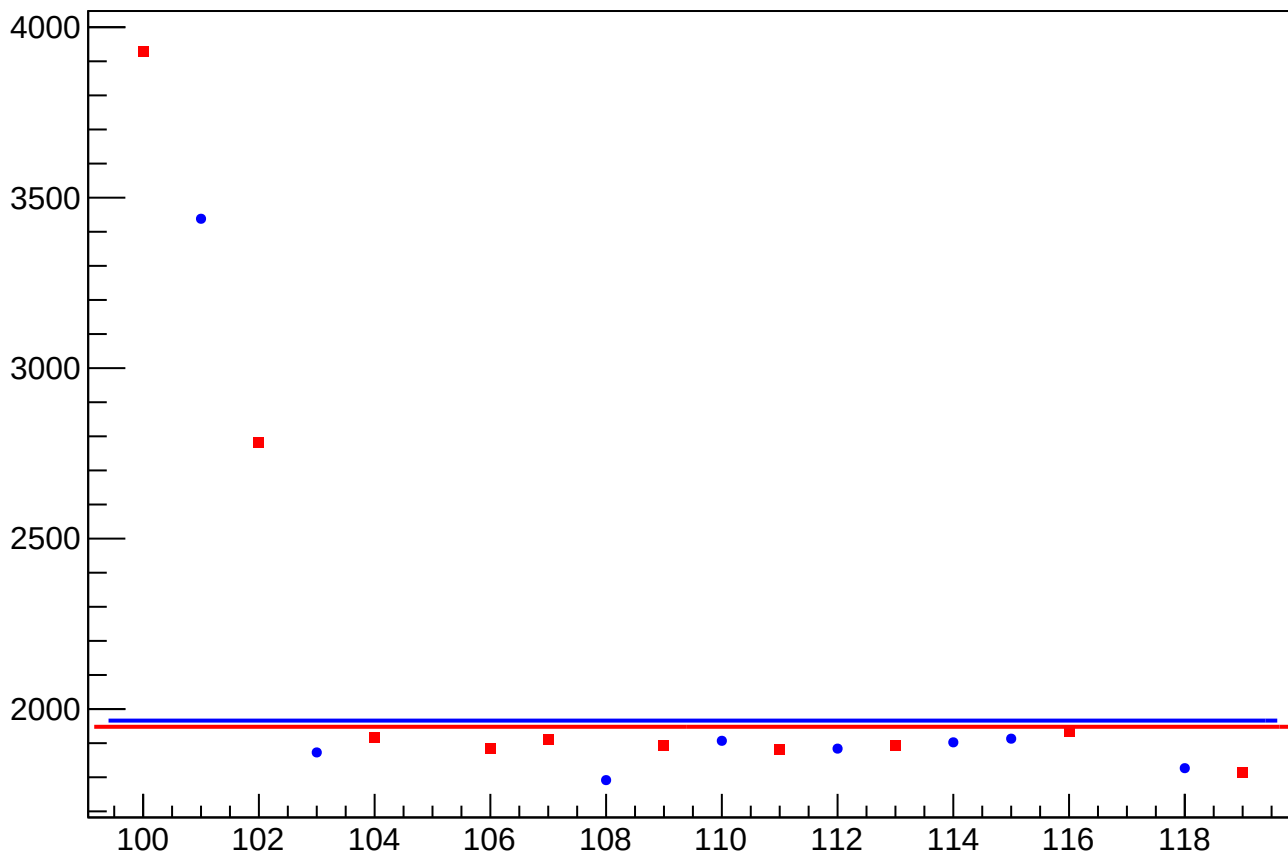
Right: 3877.378+/-741.470 χ^2/NDF : 9.7/17

In: 4673.731+/-1103.365 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3877.378+/-741.470 χ^2/NDF : 9.7/17

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1966.198+/-0.780 χ^2/NDF : 259333.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1948.045+/-0.707 χ^2/NDF : 132626.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

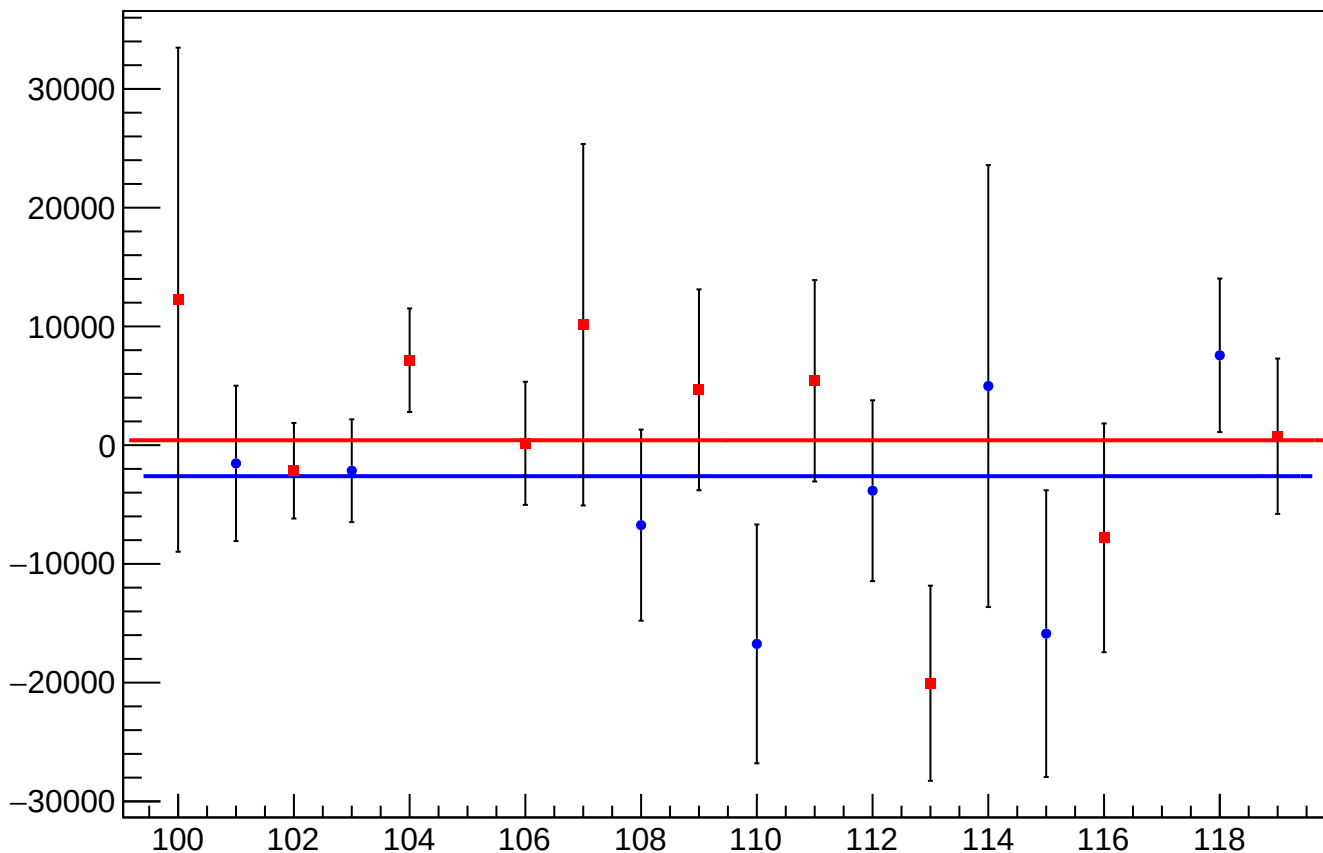
Right: 1956.224+/-0.524 χ^2/NDF : 392257.7/17

In: 1966.198+/-0.780 χ^2/NDF : 259333.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.224+/-0.524 χ^2/NDF : 392257.7/17

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2612.573+/-2556.781 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 412.058+/-2063.560 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

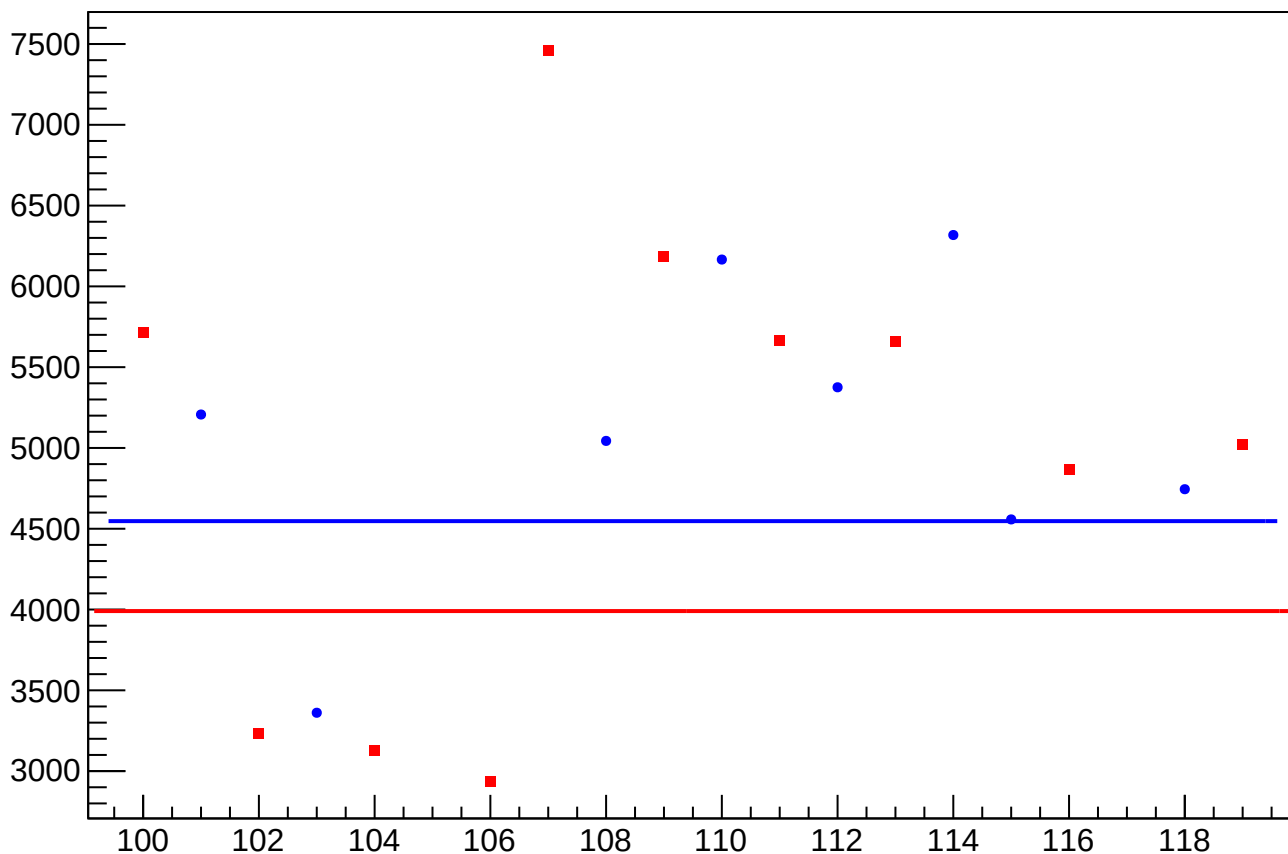
Right: -781.016+/-1605.799 χ^2/NDF : 18.0/17

In: -2612.573+/-2556.781 χ^2/NDF :6.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -781.016+/-1605.799 χ^2/NDF : 18.0/17

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4547.151+/-1.808 χ^2/NDF : 273530.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3990.485+/-1.459 χ^2/NDF : 709747.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

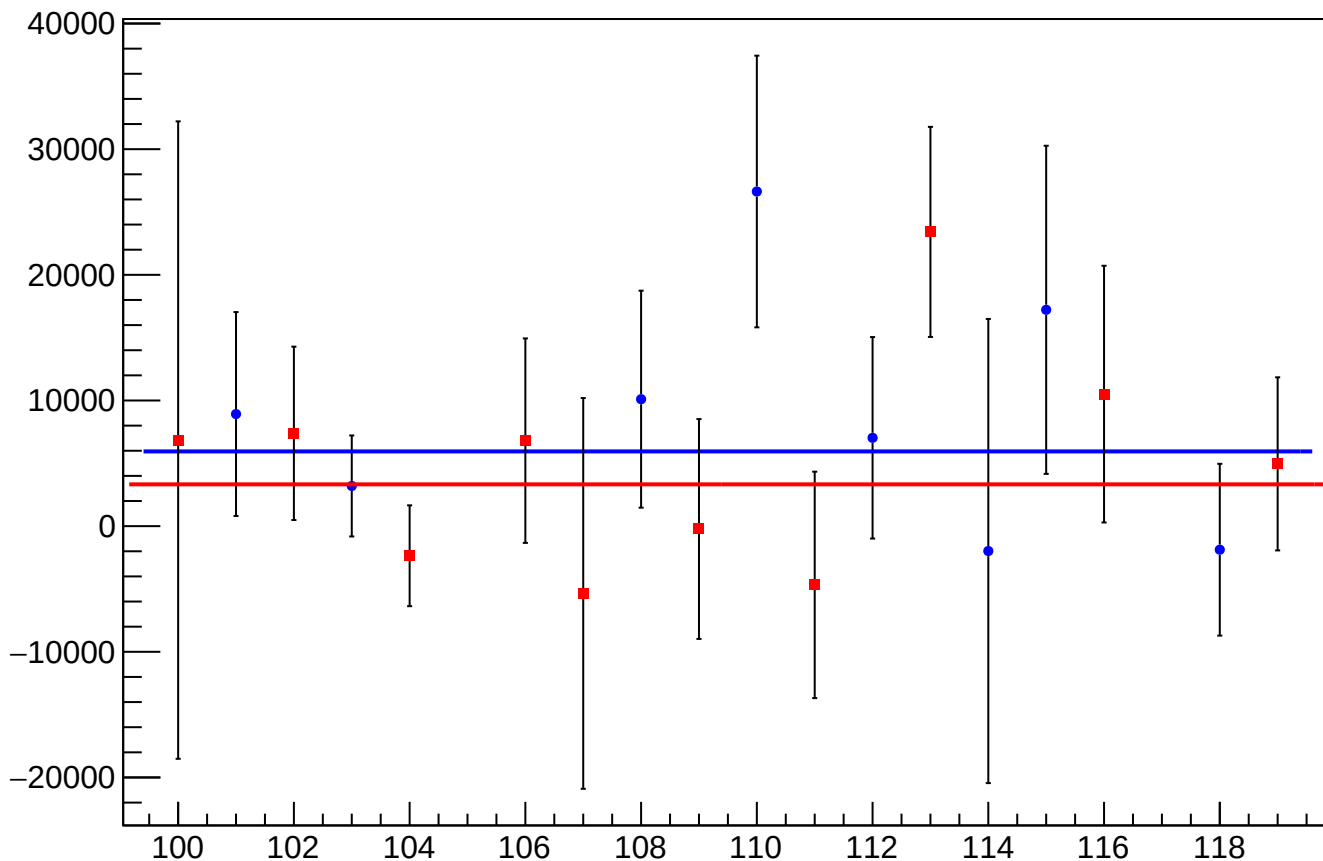
Right: 4210.064+/-1.135 χ^2/NDF : 1040687.1/17

In: 4547.151+/-1.808 χ^2/NDF : 273530.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4210.064+/-1.135 χ^2/NDF : 1040687.1/17

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5947.672+/-2627.787 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3326.536+/-2395.303 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

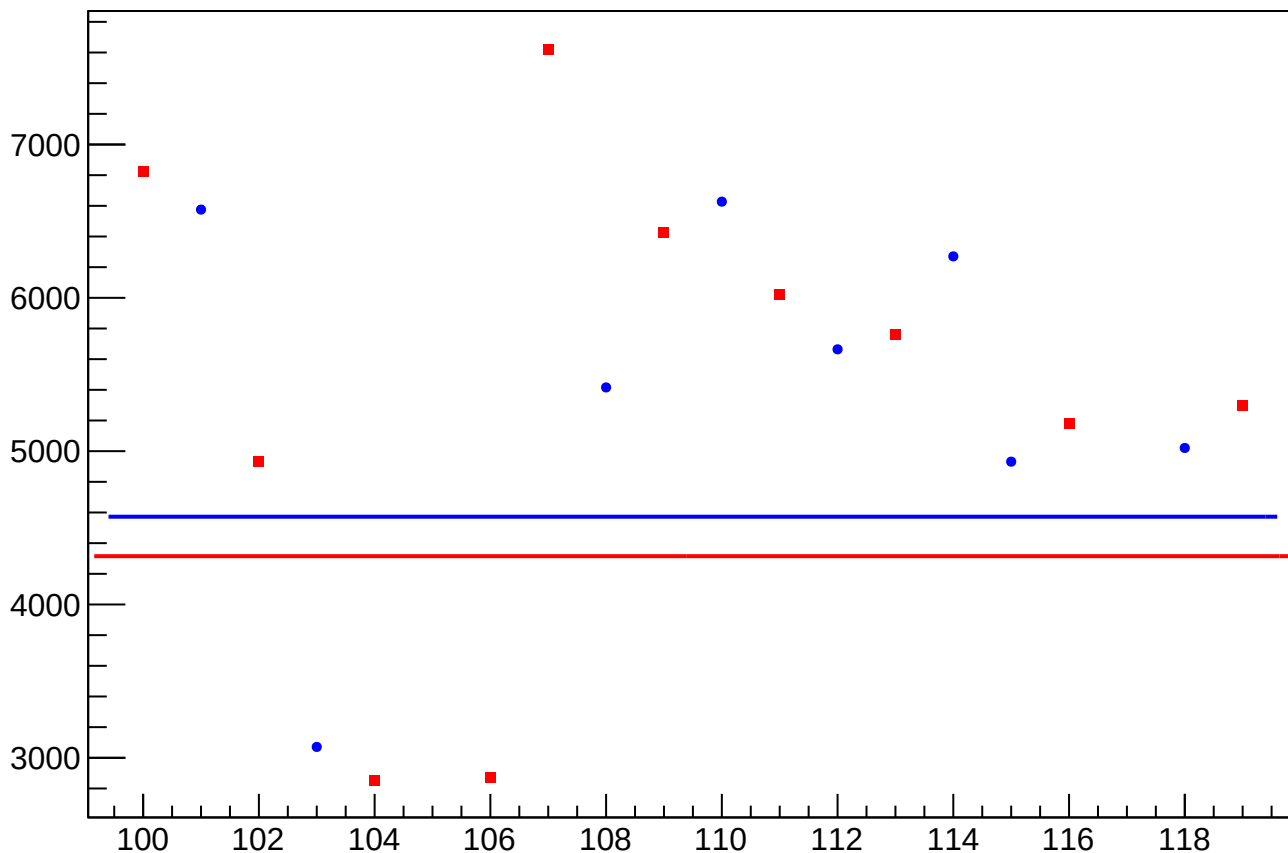
Right: 4516.049+/-1770.231 χ^2/NDF : 17.4/17

In: 5947.672+/-2627.787 χ^2/NDF :6.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4516.049+/-1770.231 χ^2/NDF : 17.4/17

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 4572.541+/-1.858 χ^2/NDF : 556445.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4315.002+/-1.642 χ^2/NDF : 804540.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

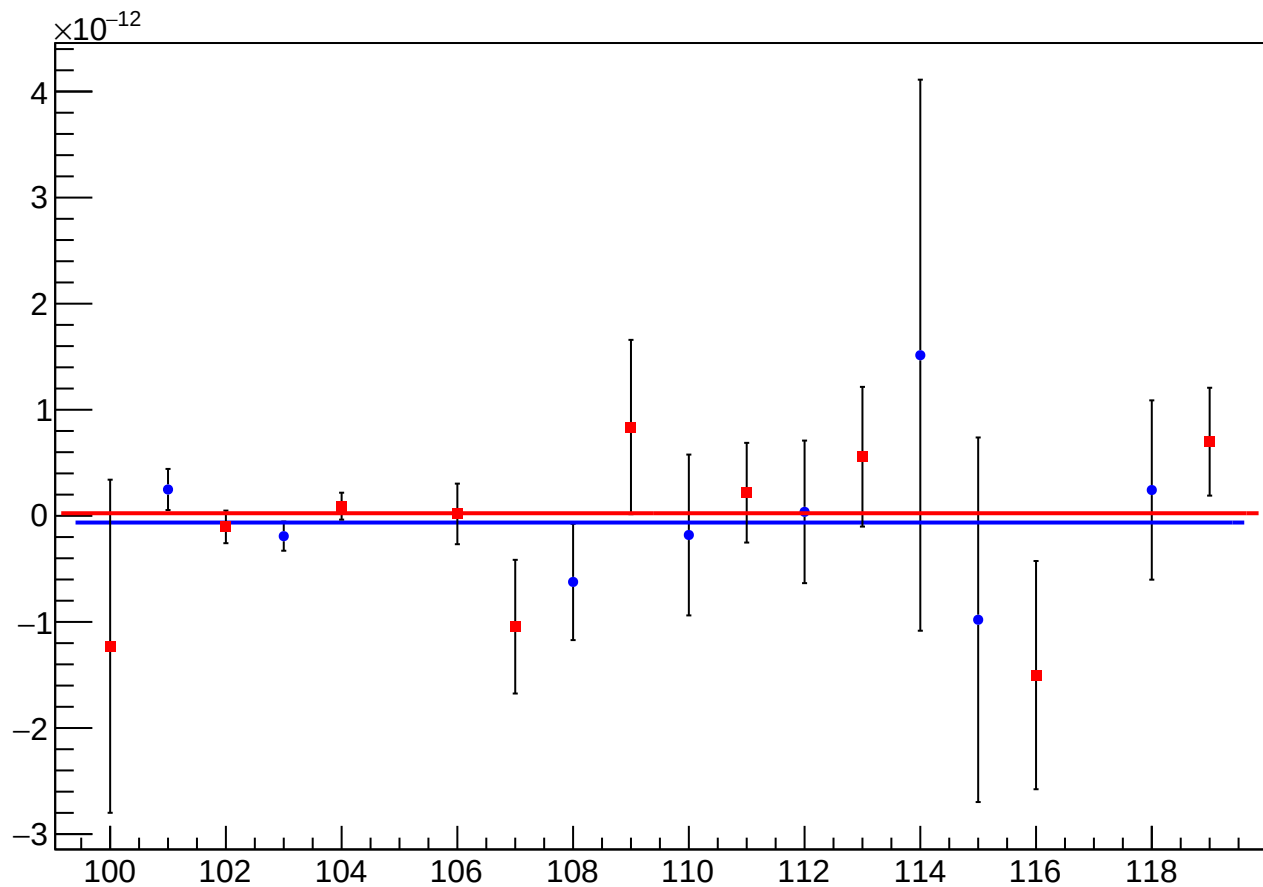
Right: 4427.898+/-1.230 χ^2/NDF : 1371775.2/17

In: 4572.541+/-1.858 χ^2/NDF : 556445.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4427.898+/-1.230 χ^2/NDF : 1371775.2/17

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

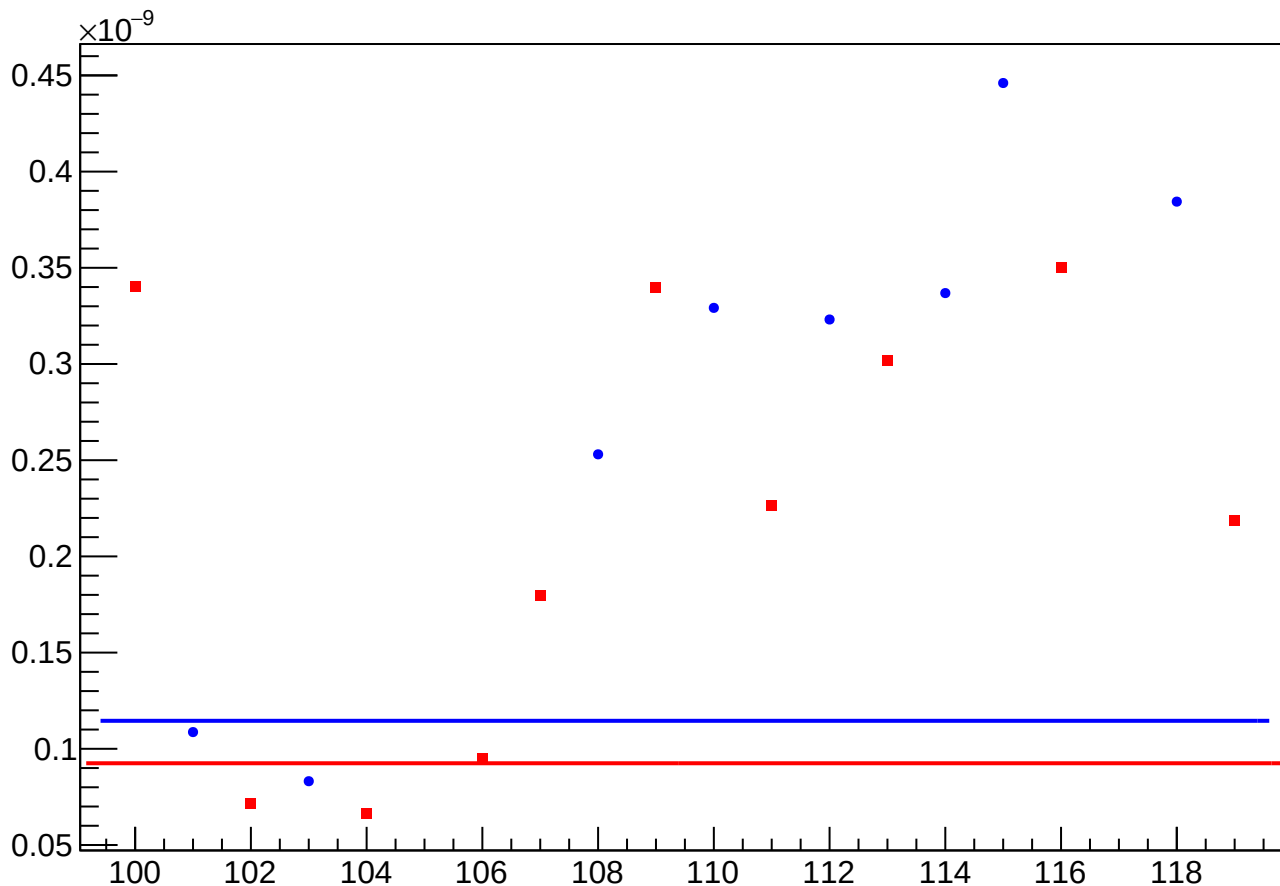
Right: -0.000+/-0.000 χ^2/NDF : 15.8/17

In: -0.000+/-0.000 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.8/17

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 879946.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 995174.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

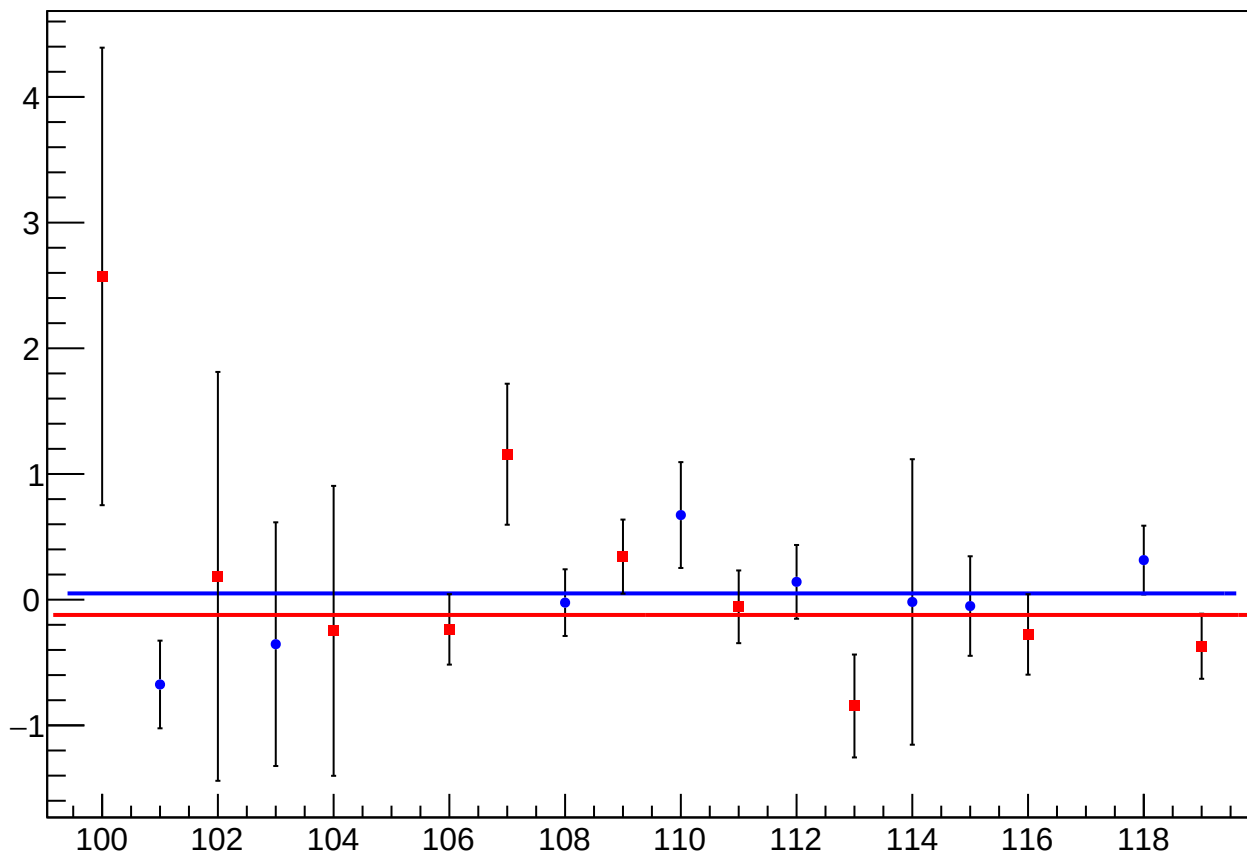
Right: 0.000+/-0.000 χ^2/NDF : 1926895.1/17

In: 0.000+/-0.000 χ^2/NDF : 879946.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1926895.1/17

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

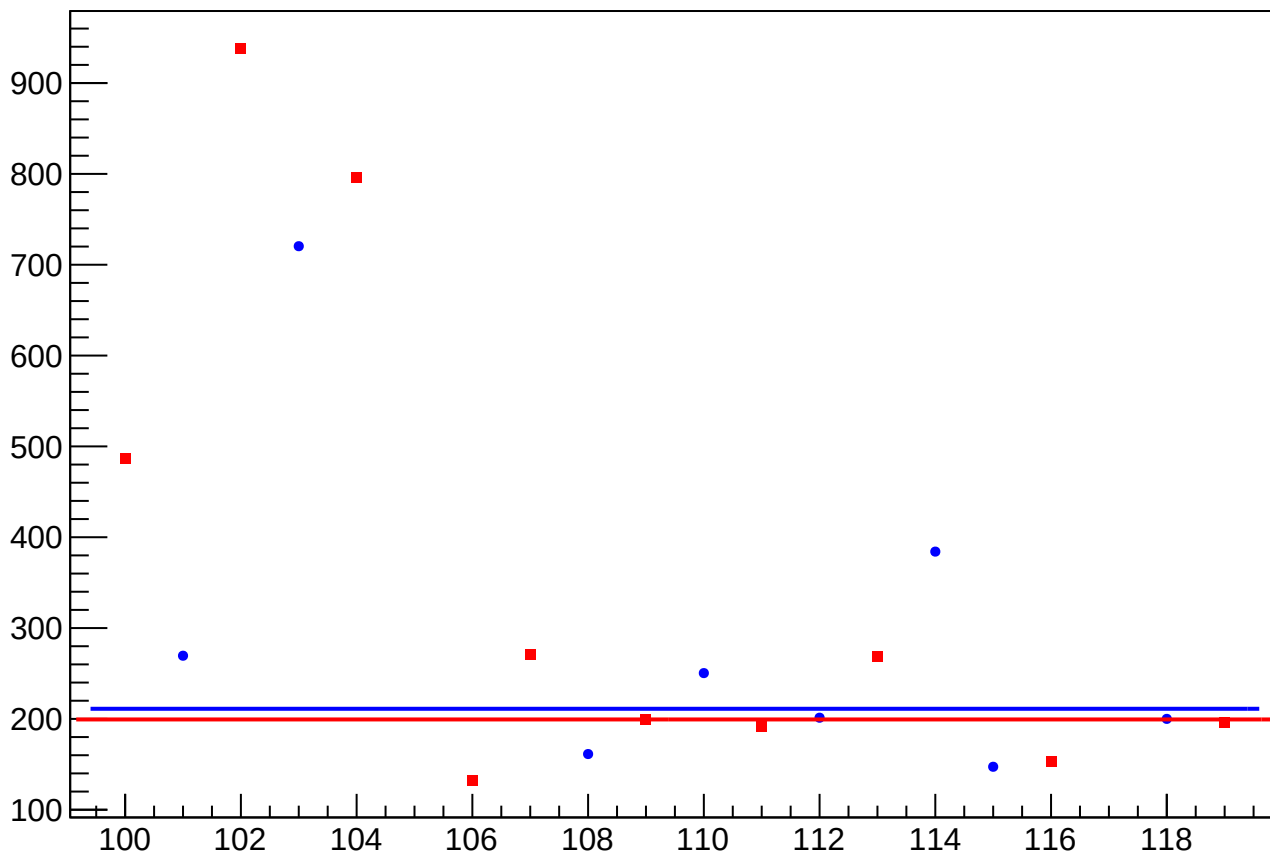
Right: -0.042+/-0.087 χ^2/NDF : 23.2/17

In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.087 χ^2/NDF : 23.2/17

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.143+/-0.090 χ^2/NDF : 799884.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245883.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

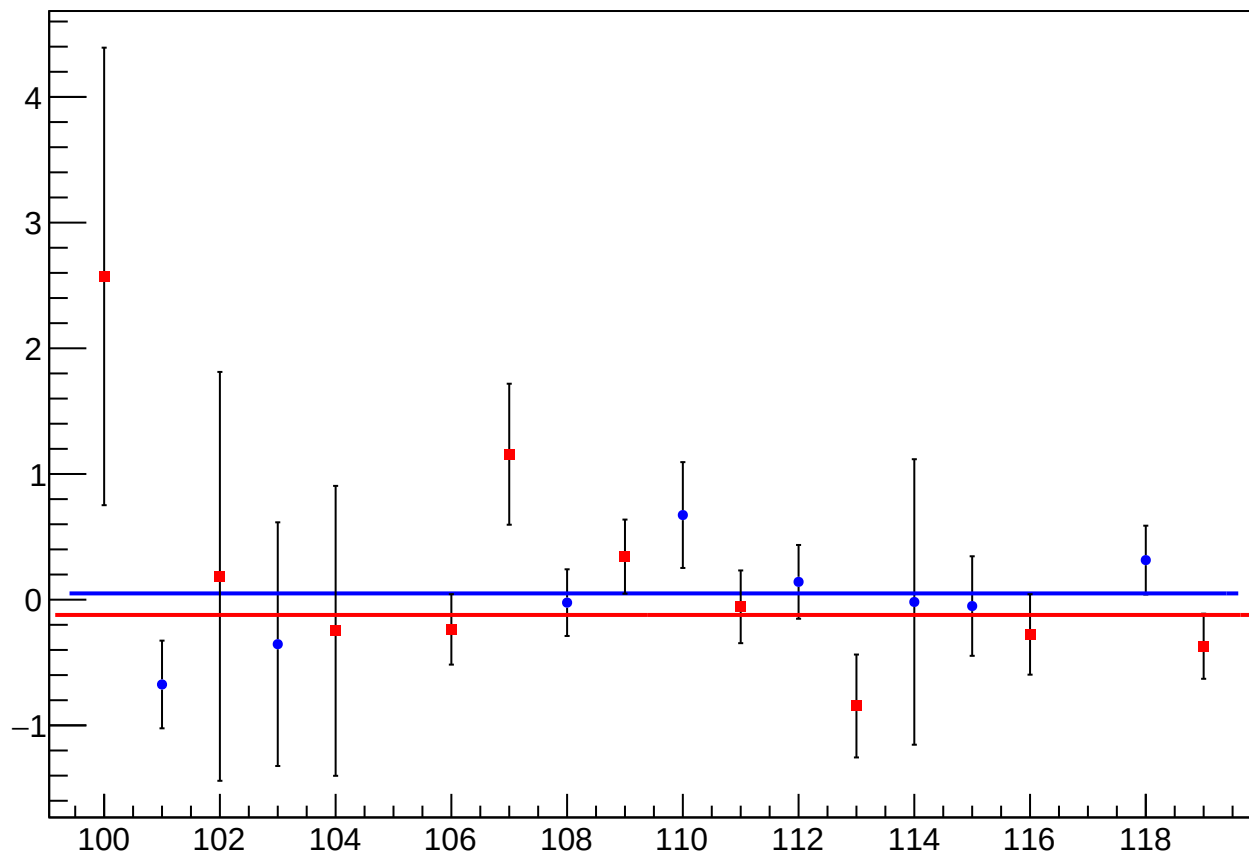
Right: 204.820+/-0.061 χ^2/NDF : 2054865.8/17

In: 211.143+/-0.090 χ^2/NDF : 799884.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.820+/-0.061 χ^2/NDF : 2054865.8/17

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

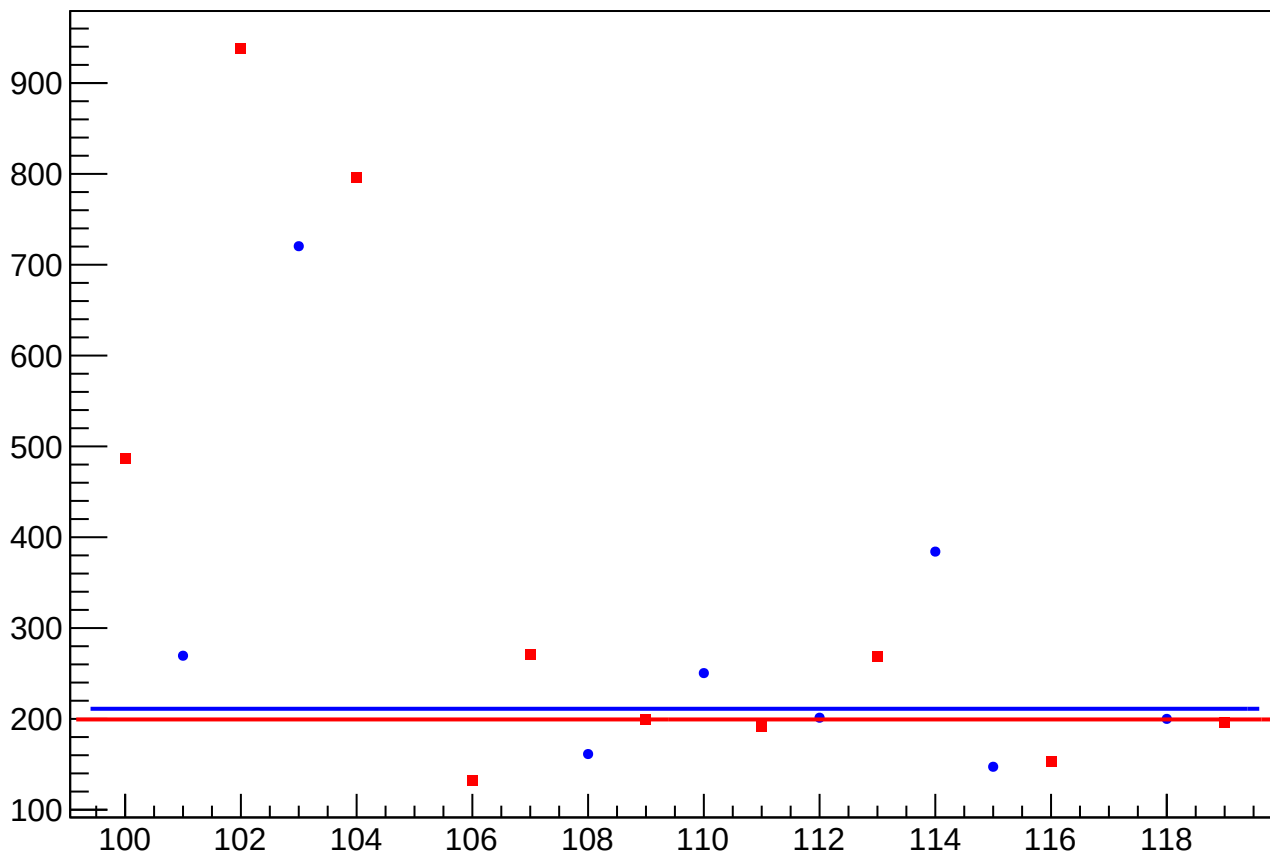
Right: -0.042+/-0.087 χ^2/NDF : 23.2/17

In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.087 χ^2/NDF : 23.2/17

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.143+/-0.090 χ^2/NDF : 799884.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245883.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

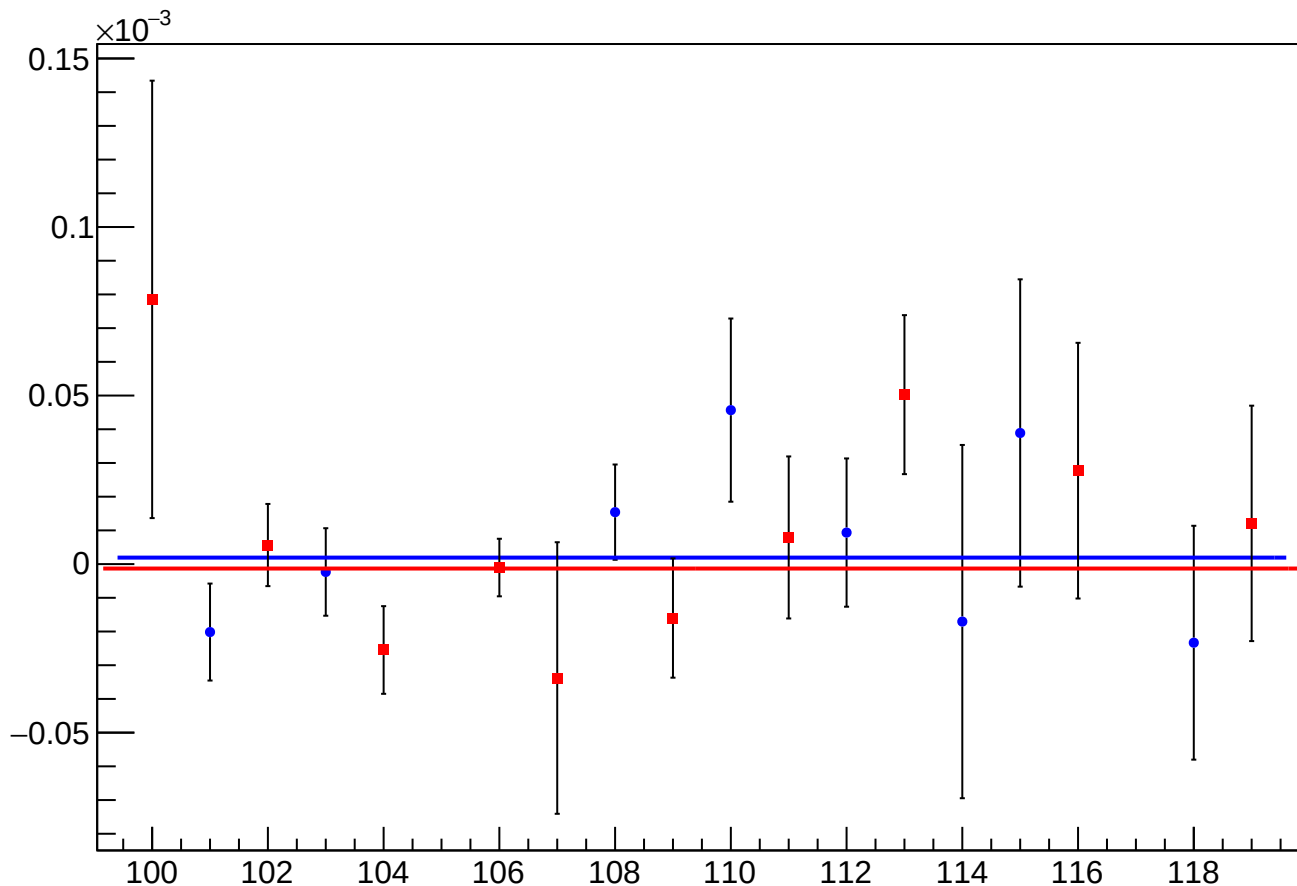
Right: 204.820+/-0.061 χ^2/NDF : 2054865.8/17

In: 211.143+/-0.090 χ^2/NDF : 799884.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.820+/-0.061 χ^2/NDF : 2054865.8/17

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 : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

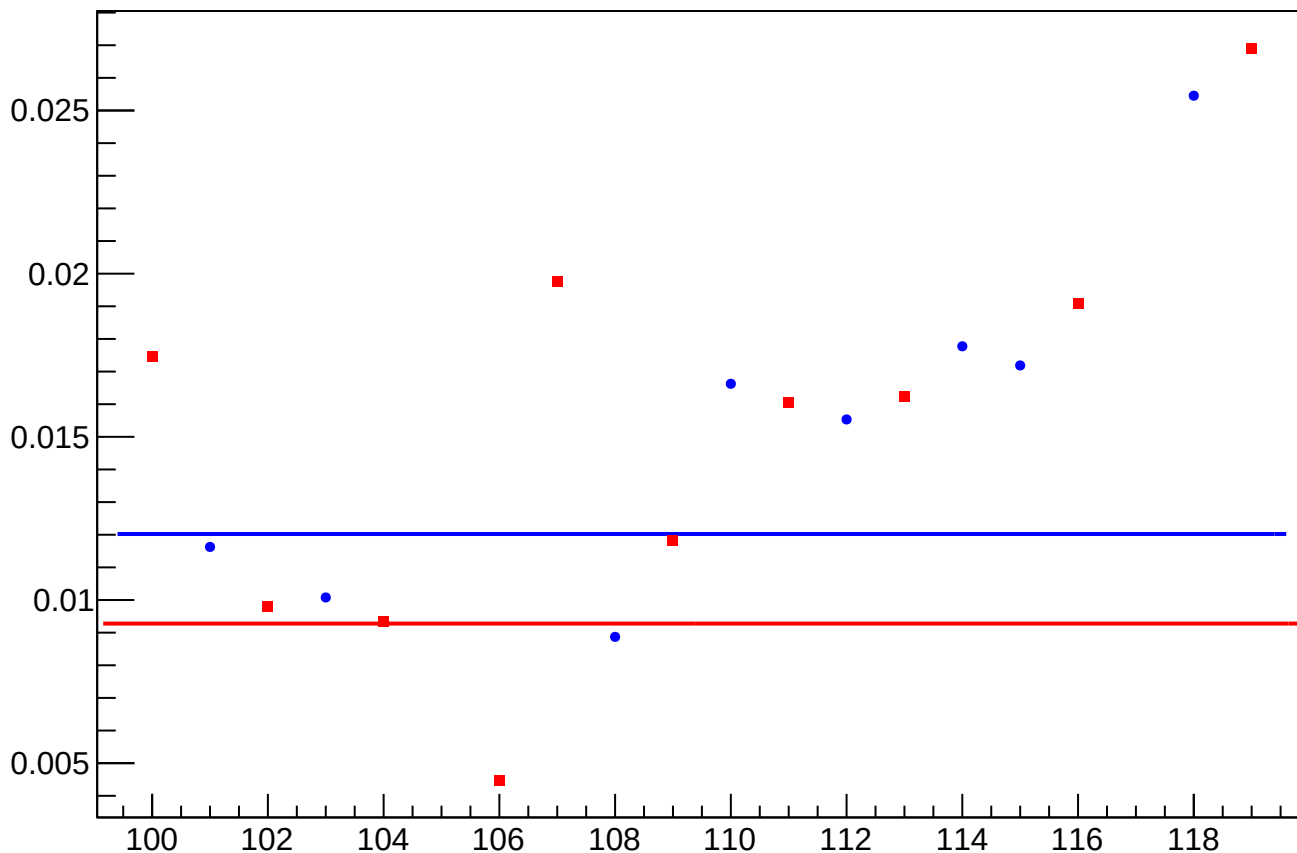
Right: -0.000+/-0.000 χ^2/NDF : 19.8/17

In: 0.000+/-0.000 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/17

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 603861.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 1823838.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

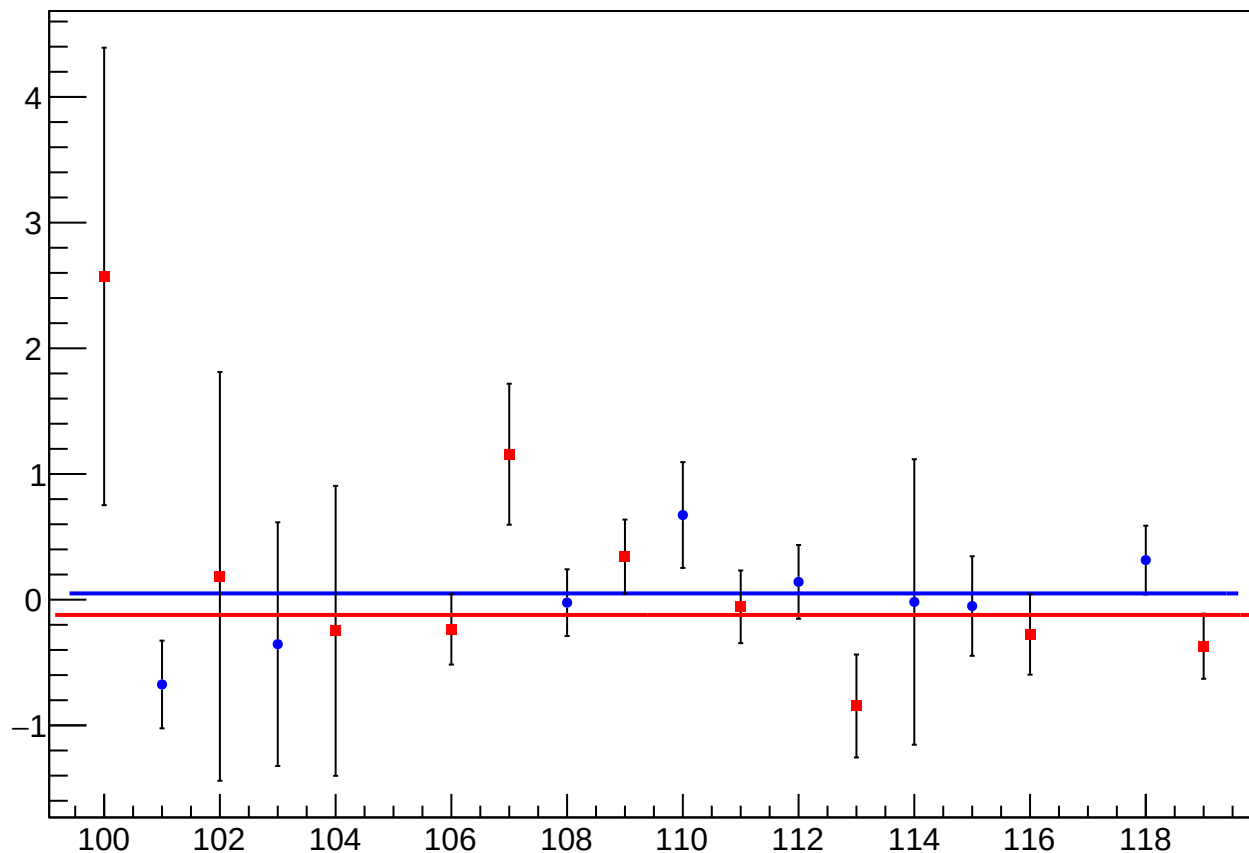
Right: 0.010+/-0.000 χ^2/NDF : 2625608.9/17

In: 0.012+/-0.000 χ^2/NDF : 603861.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2625608.9/17

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

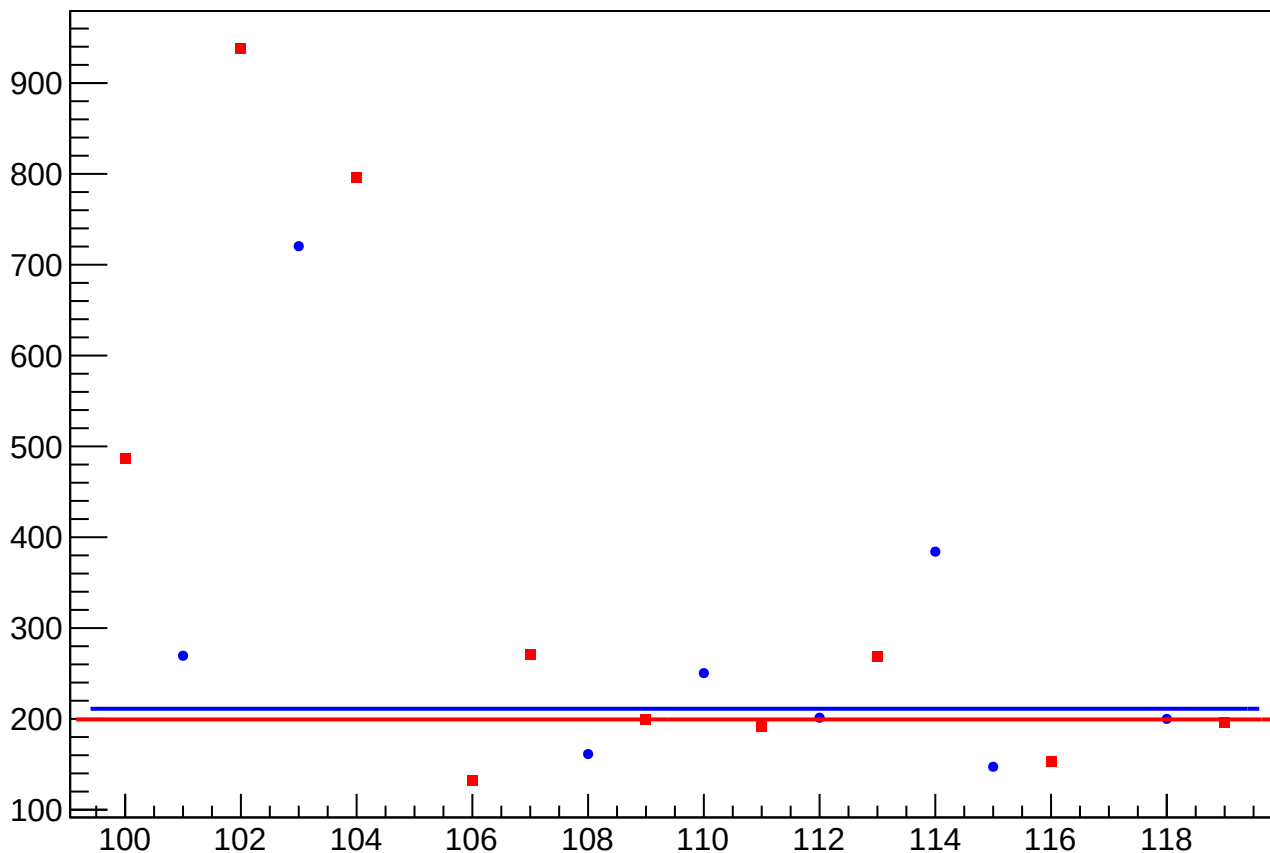
Right: -0.042+/-0.087 χ^2/NDF : 23.2/17

In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.087 χ^2/NDF : 23.2/17

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.144+/-0.090 χ^2/NDF : 799870.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245868.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

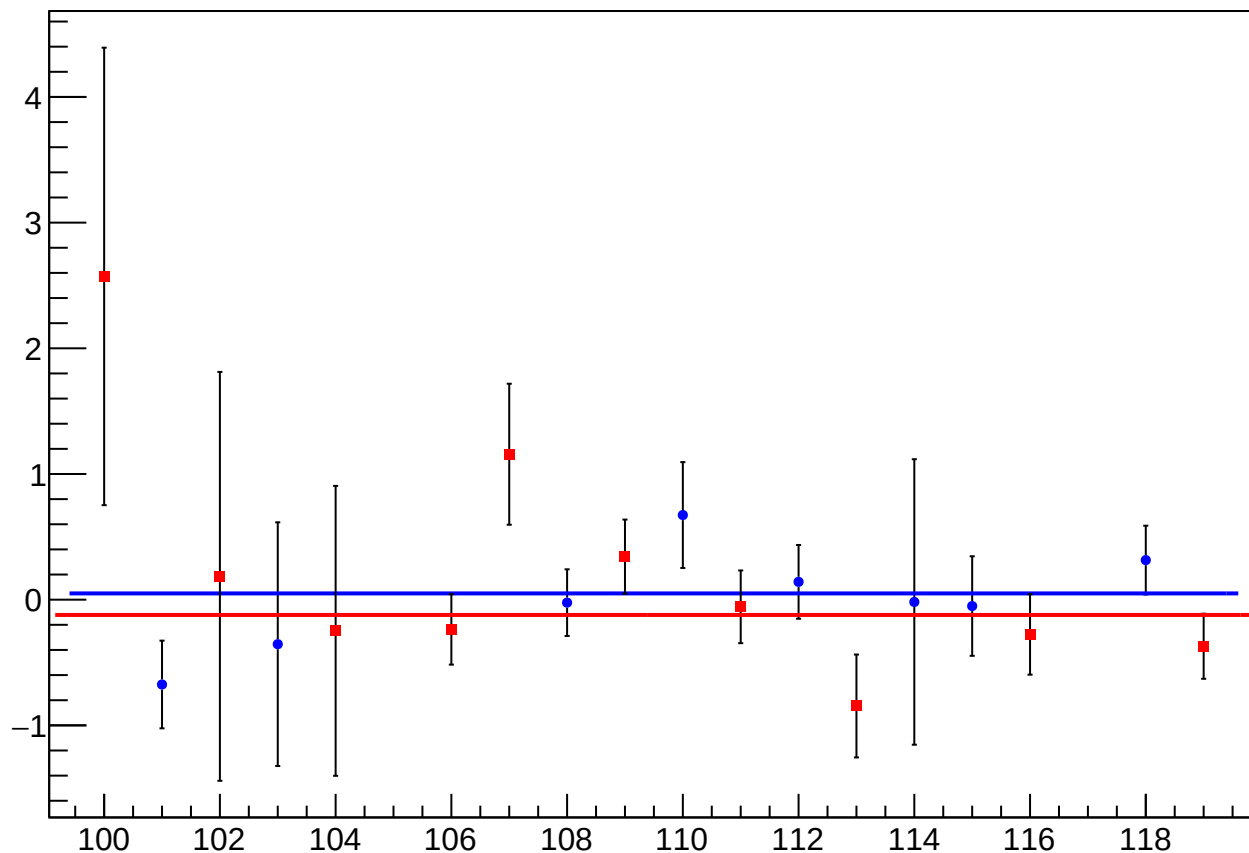
Right: 204.820+/-0.061 χ^2/NDF : 2054836.7/17

In: 211.144+/-0.090 χ^2/NDF : 799870.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.820+/-0.061 χ^2/NDF : 2054836.7/17

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.122+/-0.118 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

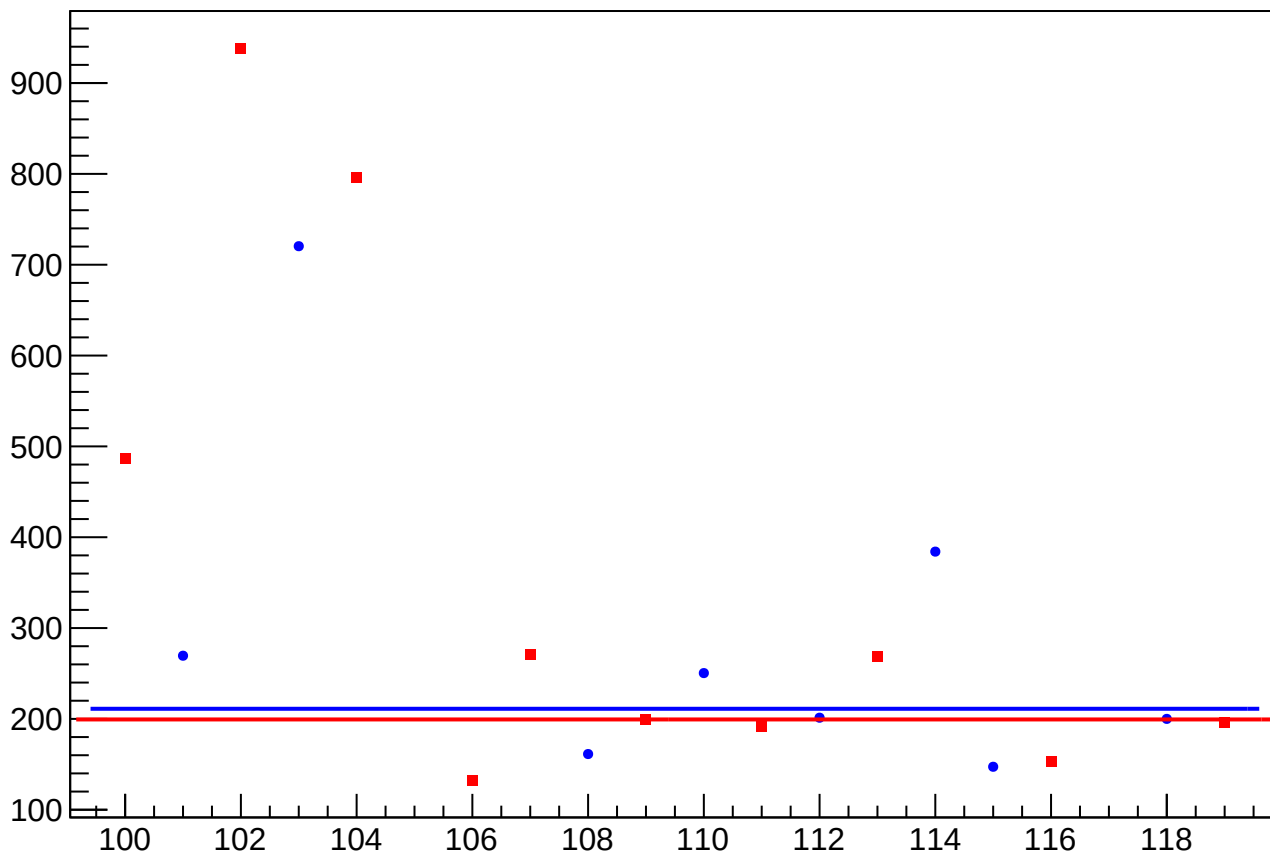
Right: -0.042+/-0.087 χ^2/NDF : 23.2/17

In: 0.050+/-0.128 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.042+/-0.087 χ^2/NDF : 23.2/17

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 211.144+/-0.090 χ^2/NDF : 799870.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.397+/-0.084 χ^2/NDF : 1245868.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

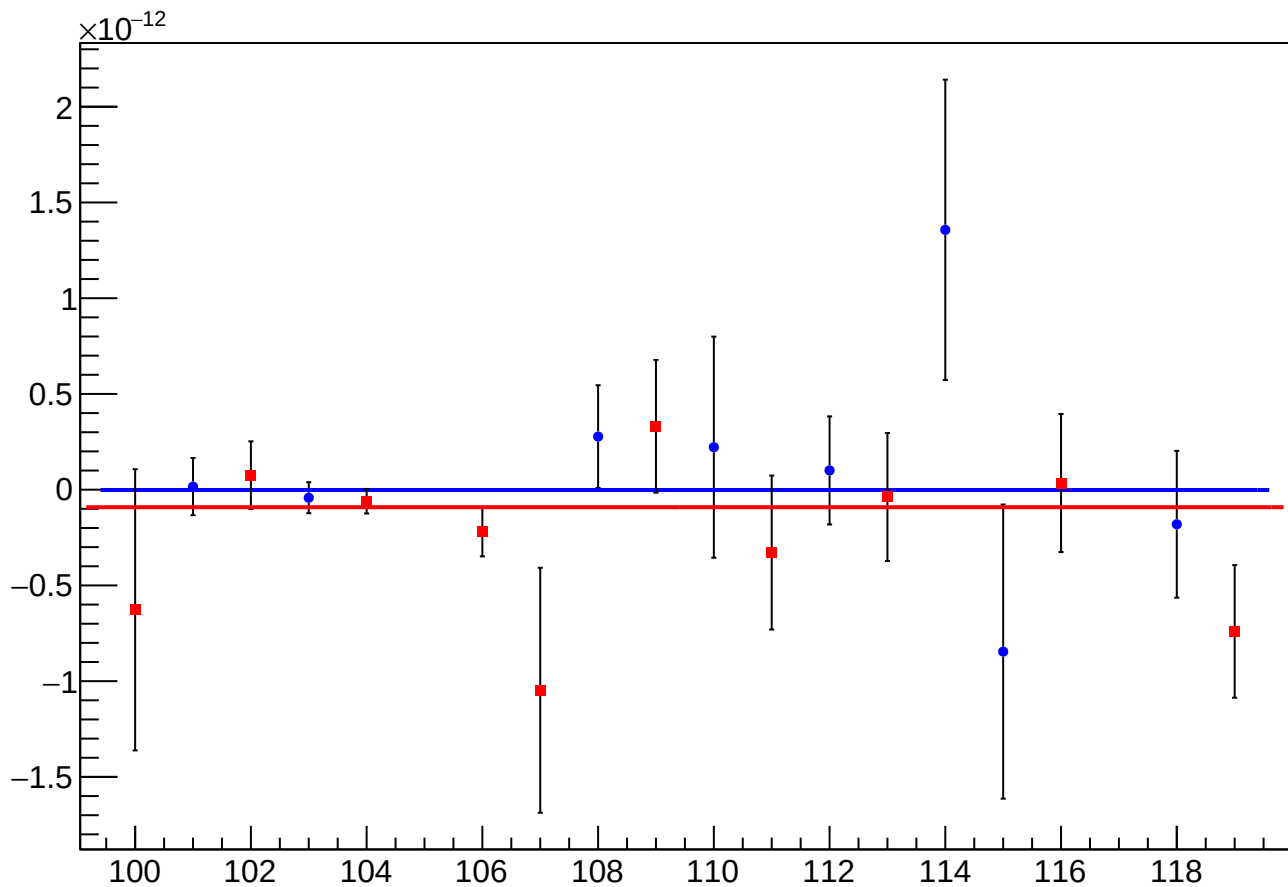
Right: 204.820+/-0.061 χ^2/NDF : 2054836.7/17

In: 211.144+/-0.090 χ^2/NDF : 799870.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.820+/-0.061 χ^2/NDF : 2054836.7/17

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 : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

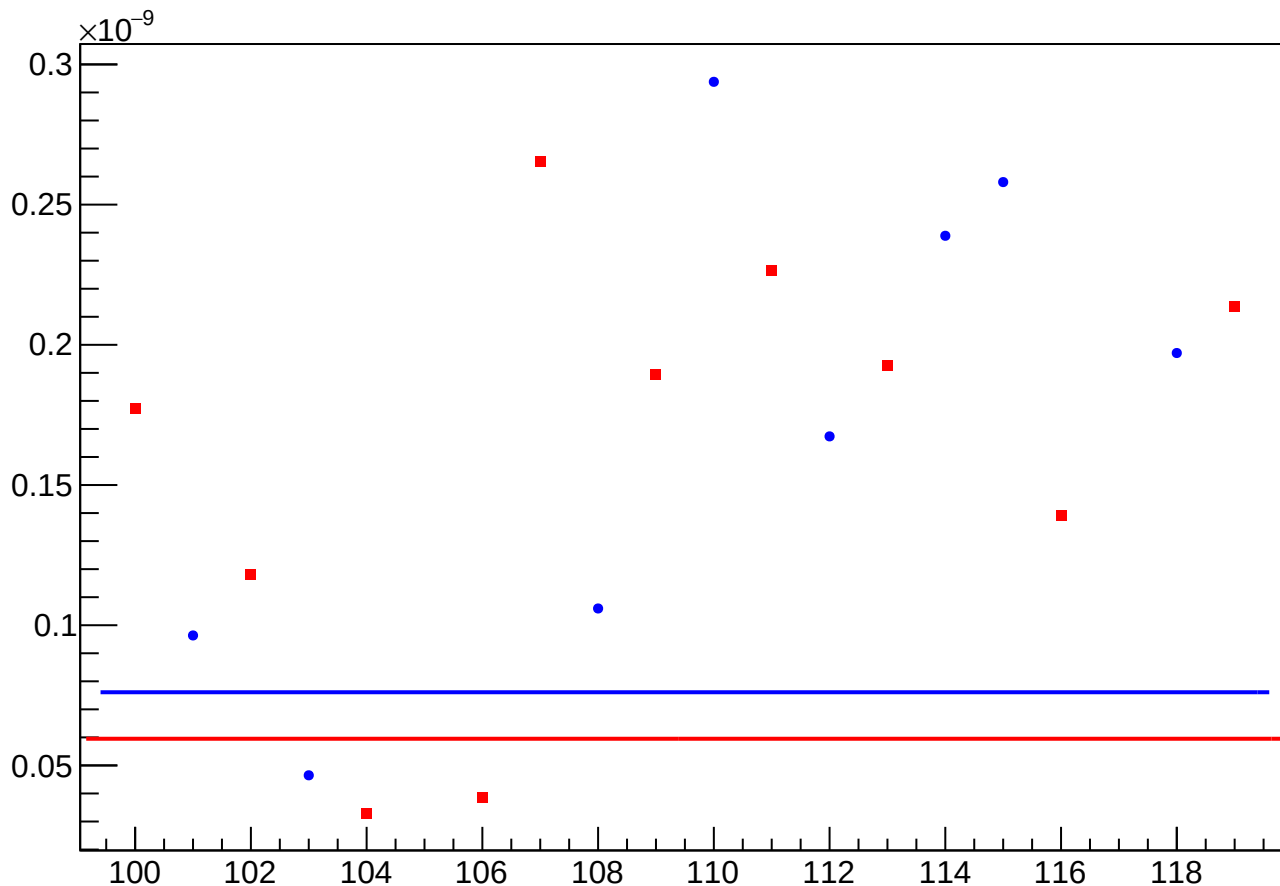
Right: -0.000+/-0.000 χ^2/NDF : 17.6/17

In: -0.000+/-0.000 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/17

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 : 1220634.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2318991.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

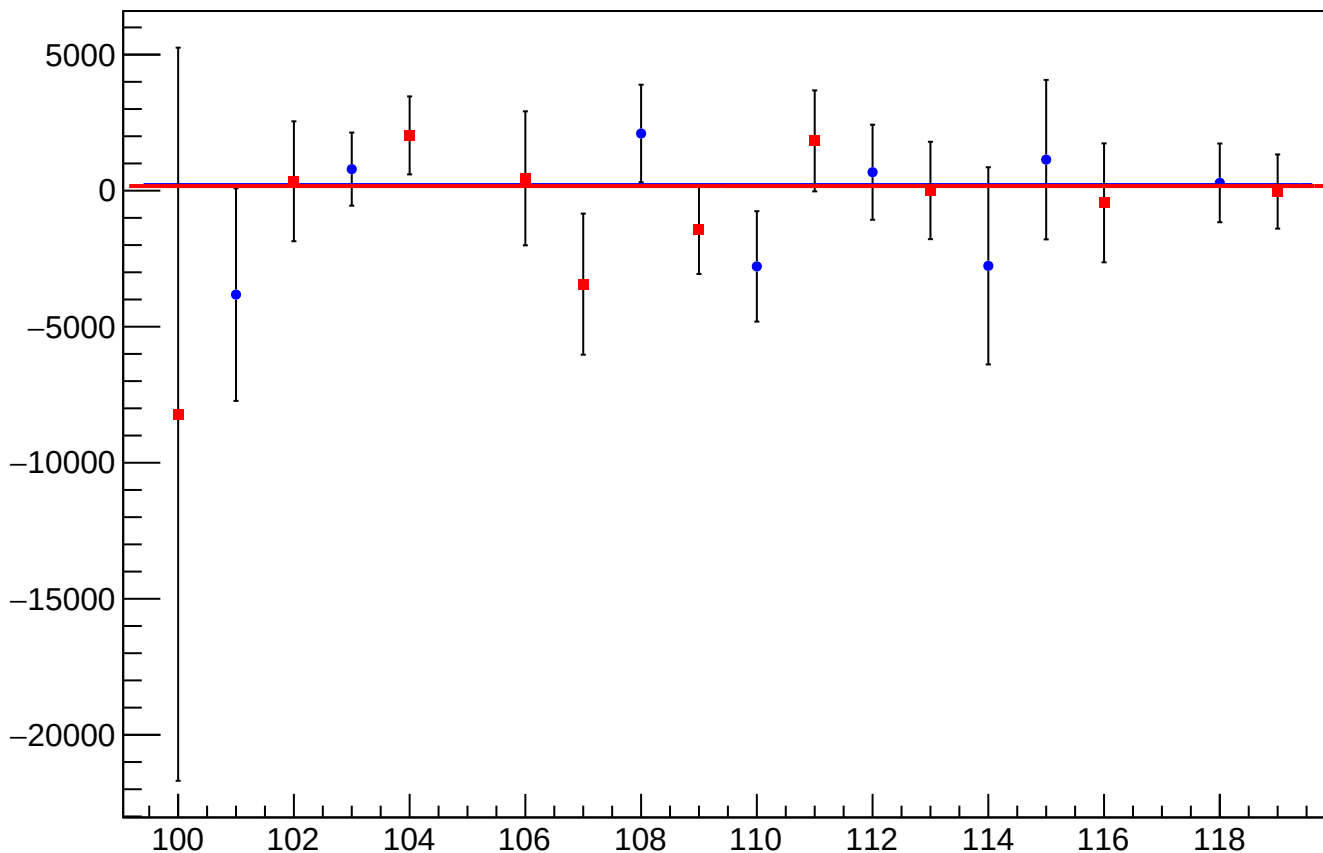
Right: 0.000+/-0.000 χ^2/NDF : 3619987.4/17

In: 0.000+/-0.000 χ^2/NDF : 1220634.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3619987.4/17

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 205.616+/-678.577 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.752+/-604.391 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

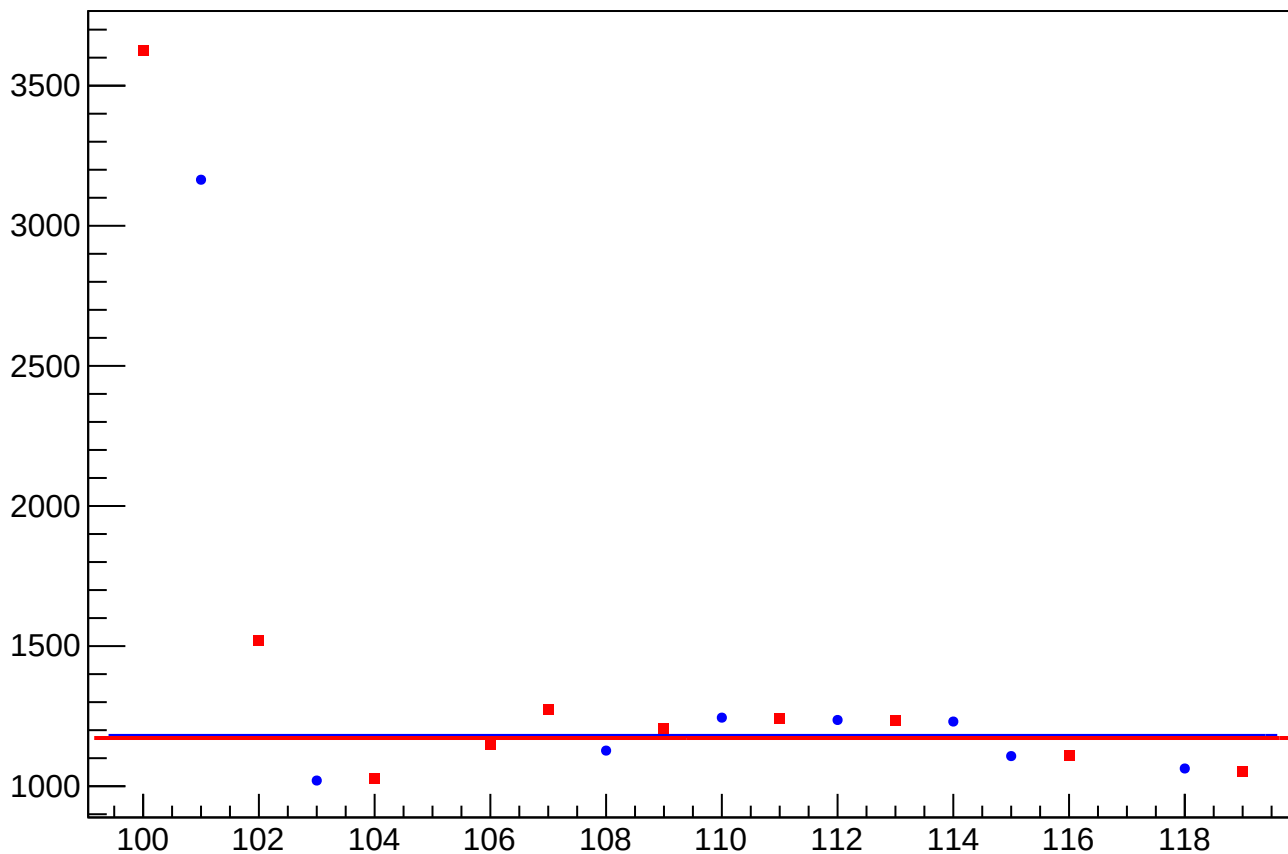
Right: 185.617+/-451.327 χ^2/NDF : 11.3/17

In: 205.616+/-678.577 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.617+/-451.327 χ^2/NDF : 11.3/17

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1179.456+/-0.480 χ^2/NDF : 564603.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1172.015+/-0.426 χ^2/NDF : 163415.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

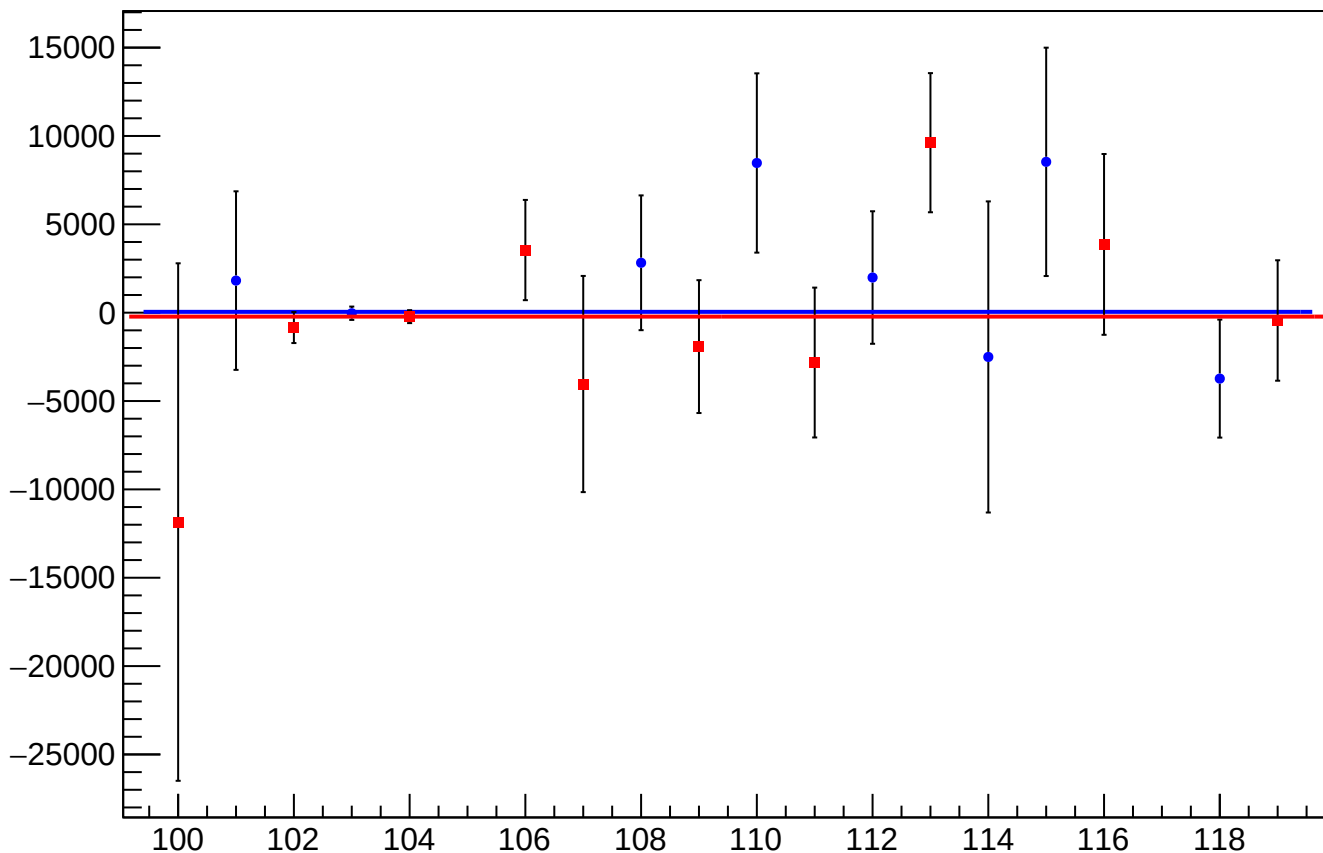
Right: 1175.293+/-0.318 χ^2/NDF : 728153.1/17

In: 1179.456+/-0.480 χ^2/NDF : 564603.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1175.293+/-0.318 χ^2/NDF : 728153.1/17

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 47.049+/-368.666 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.256+/-329.169 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

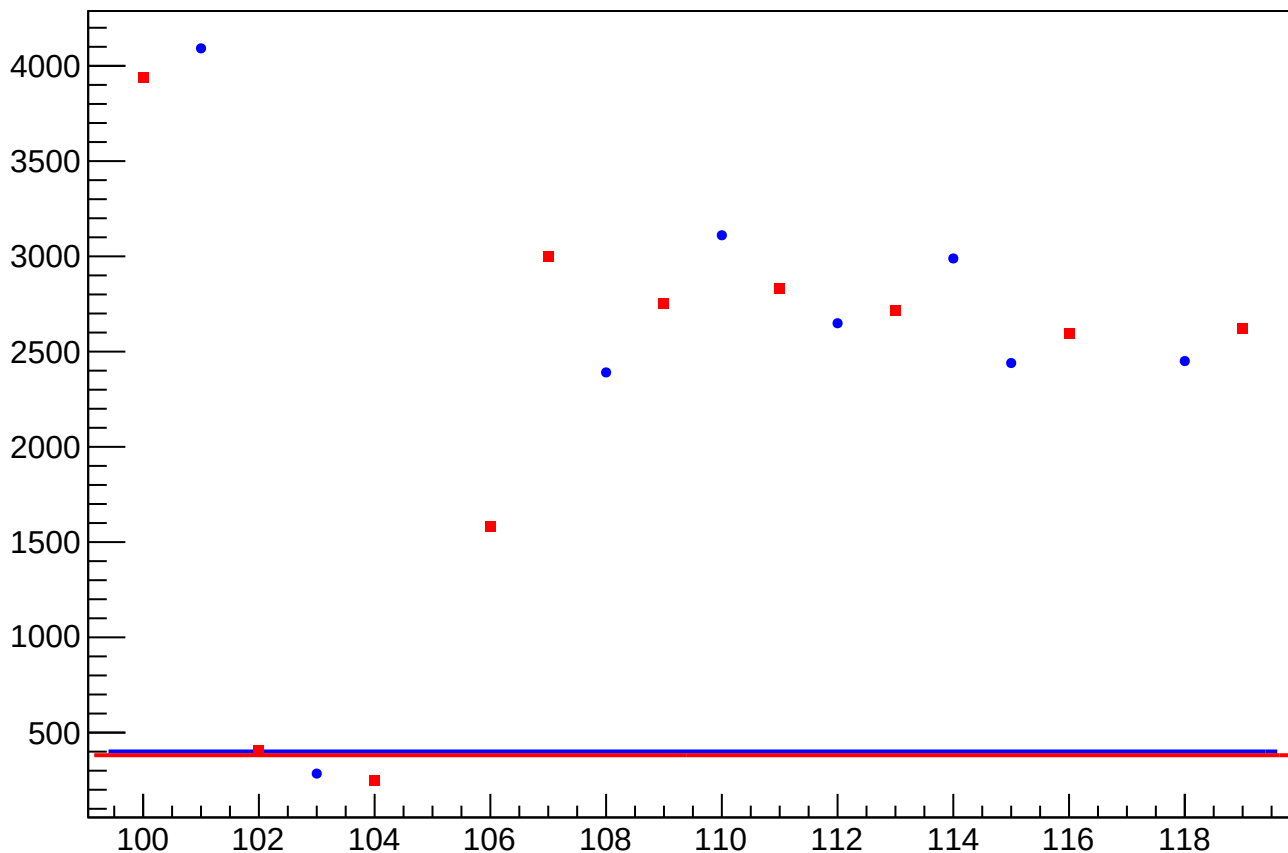
Right: -102.798+/-245.539 χ^2/NDF : 17.9/17

In: 47.049+/-368.666 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.798+/-245.539 χ^2/NDF : 17.9/17

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 400.776+/-0.261 χ^2/NDF : 4215481.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 381.228+/-0.233 χ^2/NDF : 4514014.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

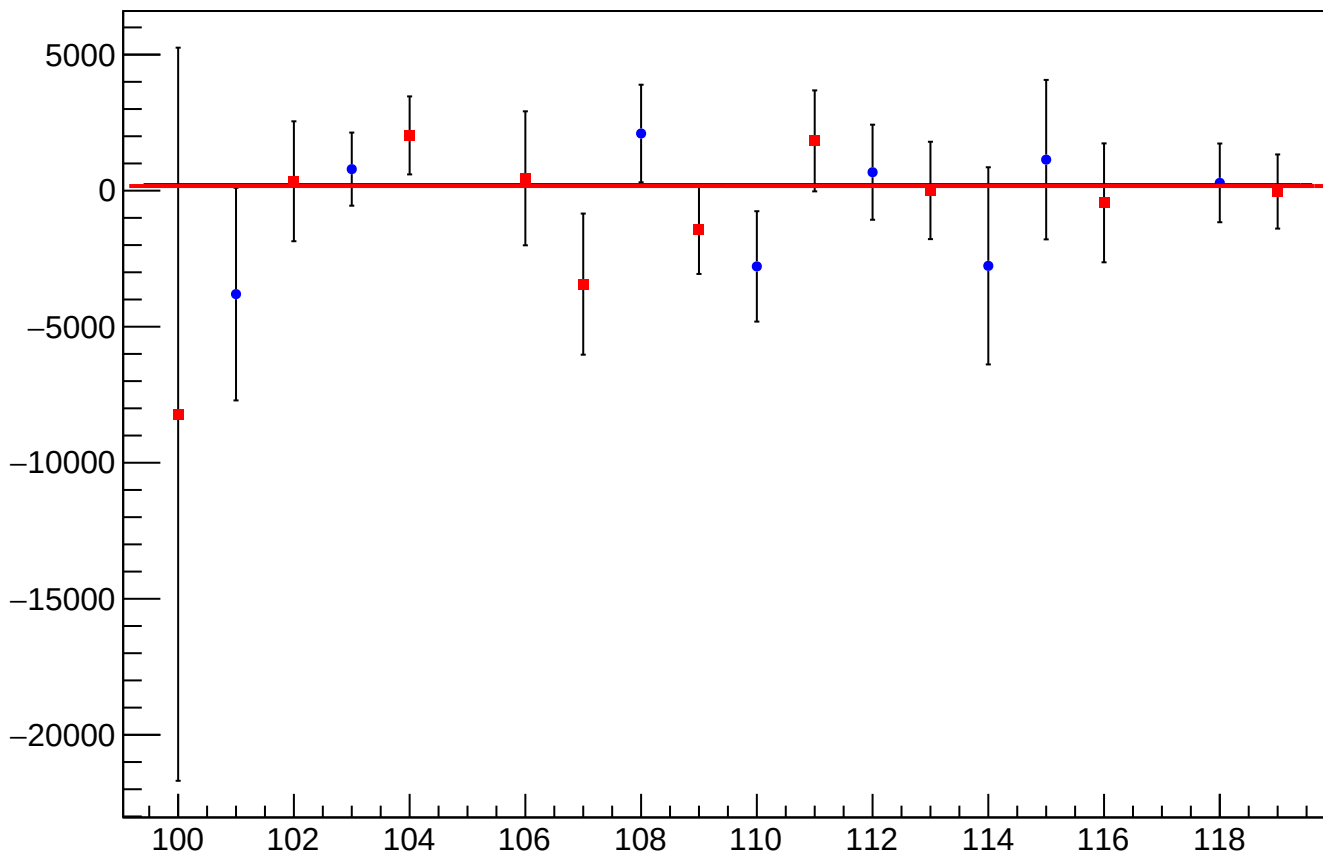
Right: 389.899+/-0.174 χ^2/NDF : 8732625.0/17

In: 400.776+/-0.261 χ^2/NDF : 4215481.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.899+/-0.174 χ^2/NDF : 8732625.0/17

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 206.050+/-678.578 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.076+/-604.391 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

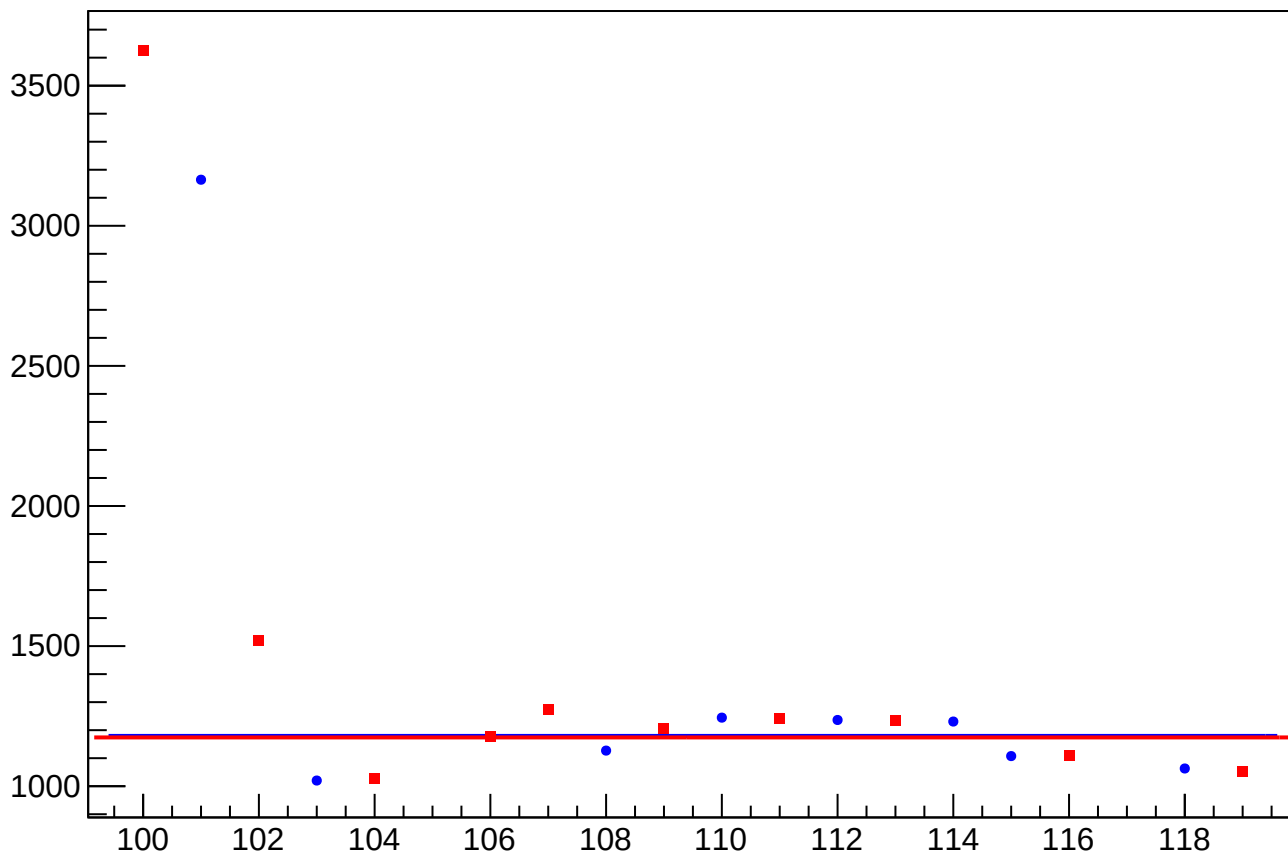
Right: 185.990+/-451.327 χ^2/NDF : 11.3/17

In: 206.050+/-678.578 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.990+/-451.327 χ^2/NDF : 11.3/17

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1179.455+/-0.480 χ^2/NDF : 564604.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.074+/-0.427 χ^2/NDF : 163183.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

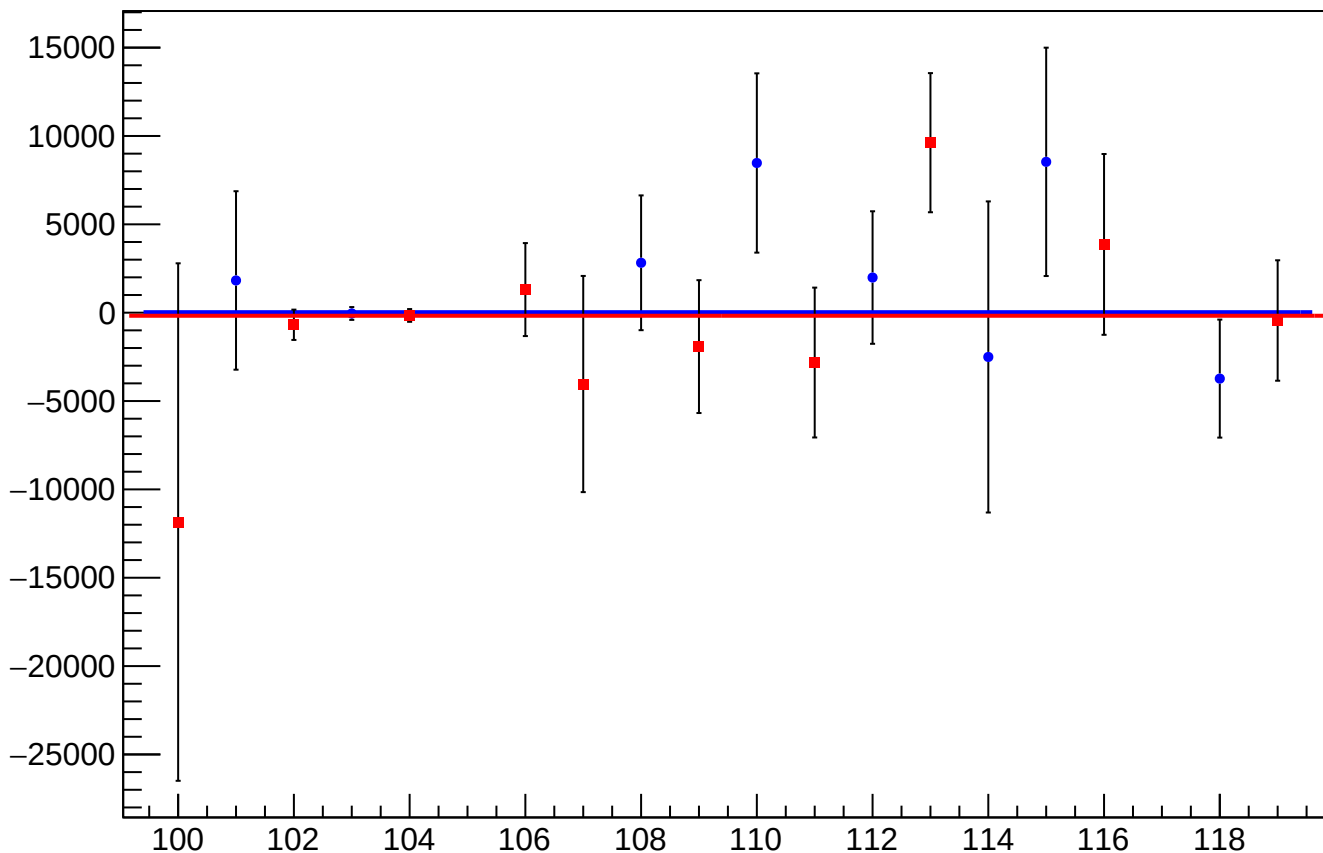
Right: 1176.452+/-0.319 χ^2/NDF : 727858.1/17

In: 1179.455+/-0.480 χ^2/NDF : 564604.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.452+/-0.319 χ^2/NDF : 727858.1/17

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 28.759+/-354.339 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.338+/-323.671 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

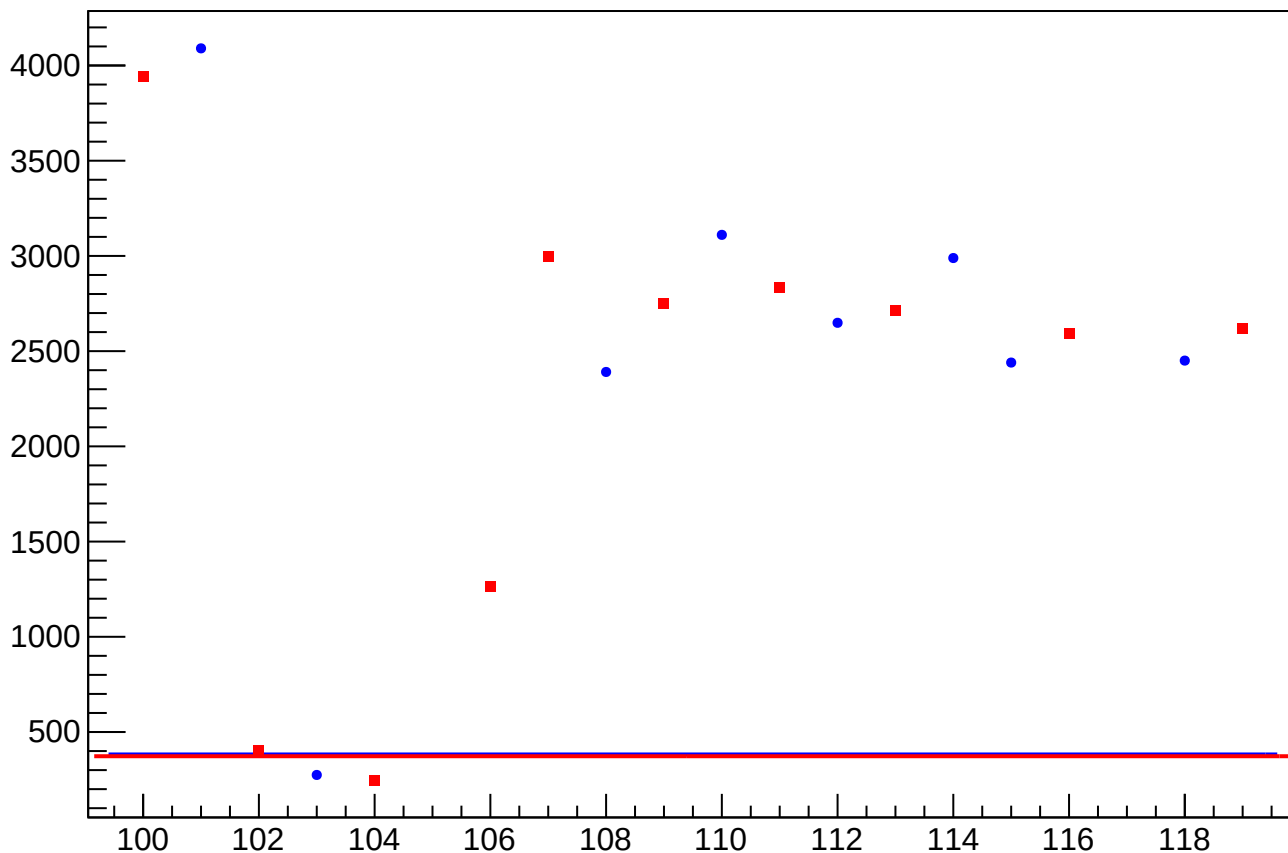
Right: -81.957+/-238.978 χ^2/NDF : 16.1/17

In: 28.759+/-354.339 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.957+/-238.978 χ^2/NDF : 16.1/17

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 382.059+/-0.251 χ^2/NDF : 4264222.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 372.833+/-0.229 χ^2/NDF : 4400897.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

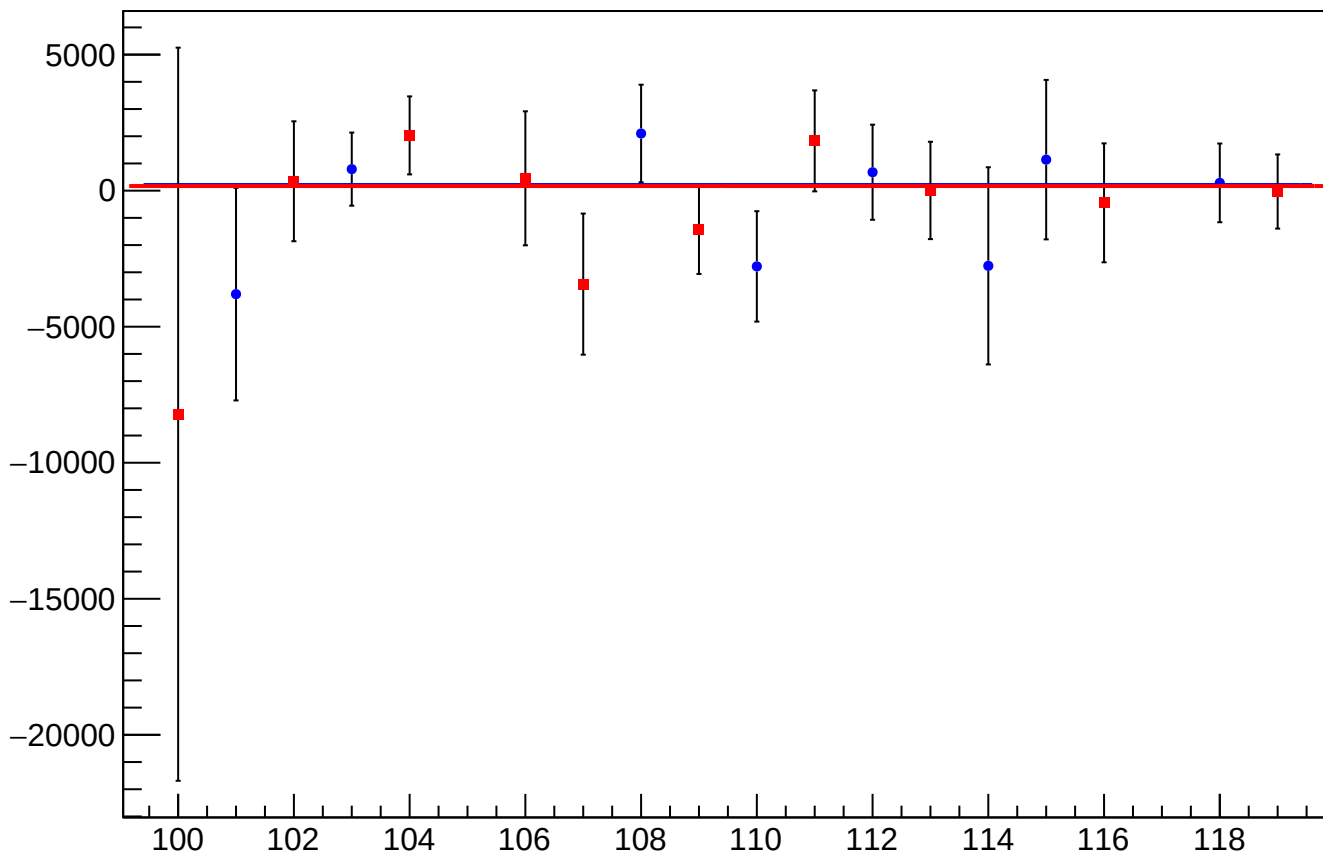
Right: 377.029+/-0.169 χ^2/NDF : 8665859.1/17

In: 382.059+/-0.251 χ^2/NDF :4264222.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 377.029+/-0.169 χ^2/NDF : 8665859.1/17

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 206.050+/-678.578 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.076+/-604.391 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

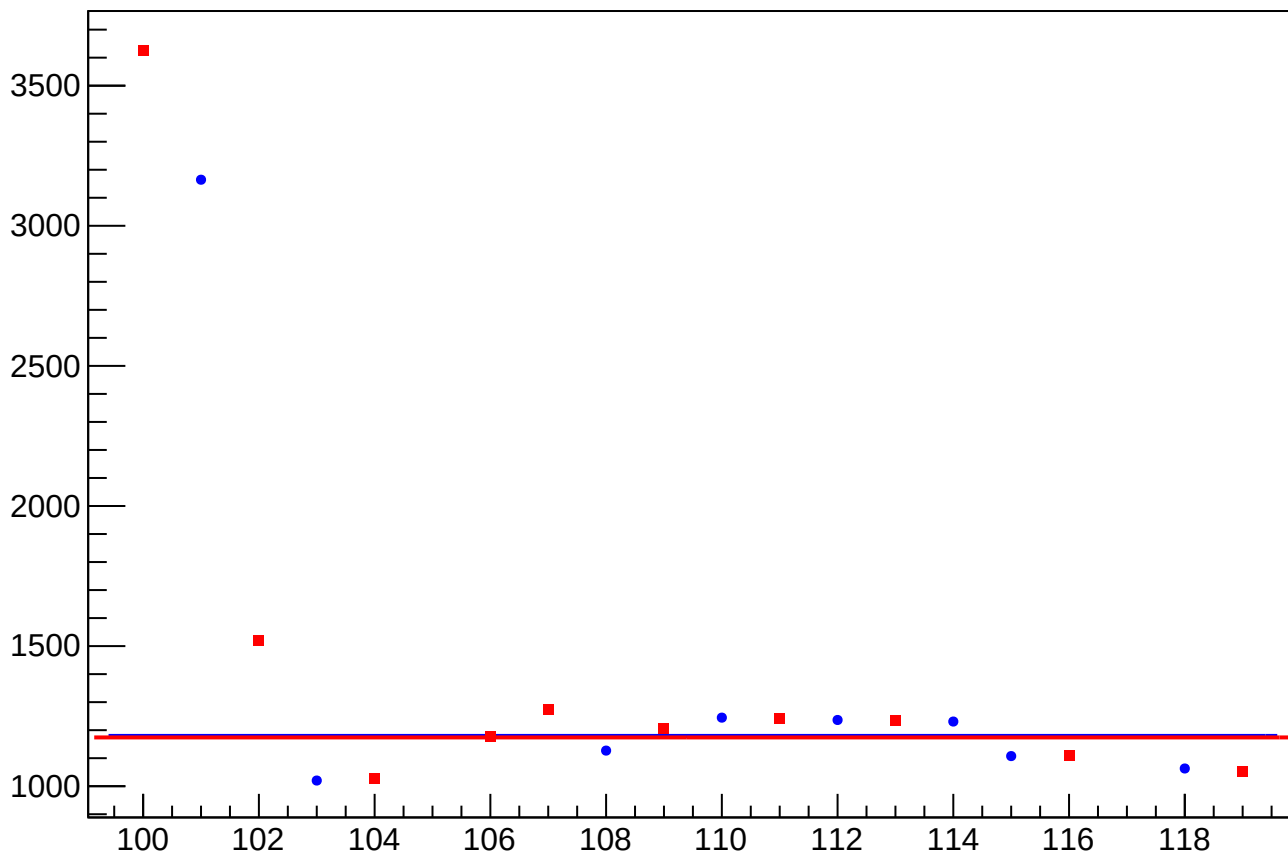
Right: 185.990+/-451.327 χ^2/NDF : 11.3/17

In: 206.050+/-678.578 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.990+/-451.327 χ^2/NDF : 11.3/17

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1179.455+/-0.480 χ^2/NDF : 564604.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.074+/-0.427 χ^2/NDF : 163183.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

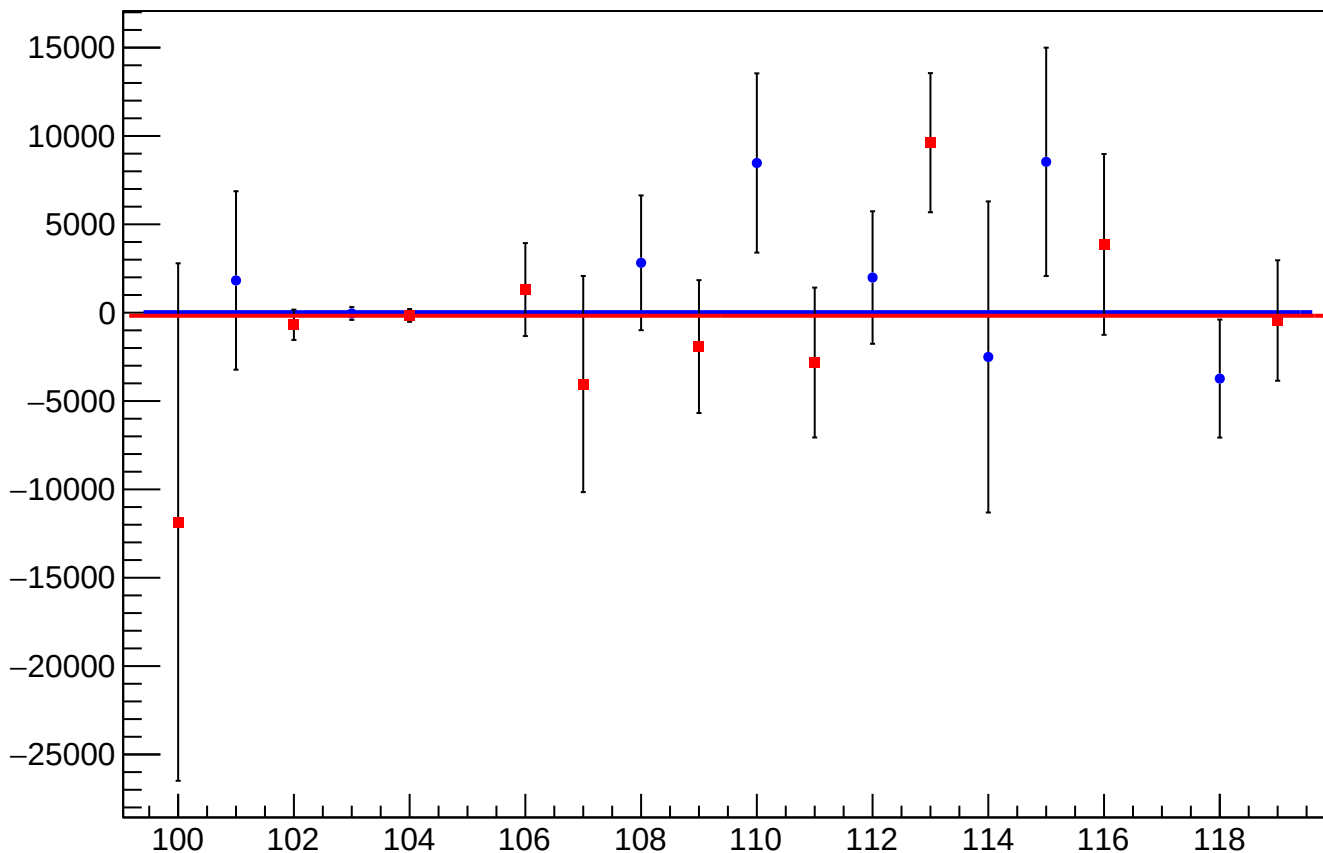
Right: 1176.452+/-0.319 χ^2/NDF : 727858.1/17

In: 1179.455+/-0.480 χ^2/NDF : 564604.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1176.452+/-0.319 χ^2/NDF : 727858.1/17

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 28.759+/-354.339 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.338+/-323.671 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

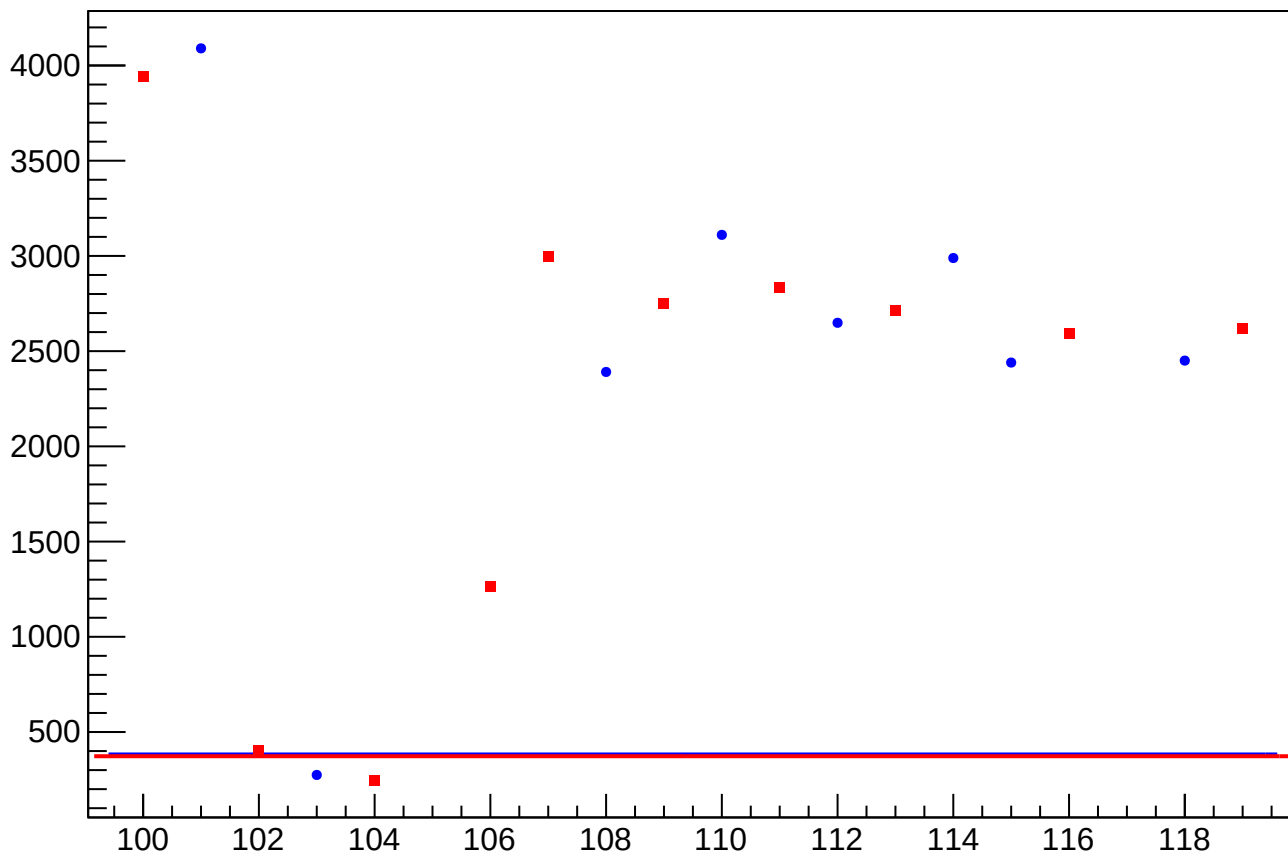
Right: -81.957+/-238.978 χ^2/NDF : 16.1/17

In: 28.759+/-354.339 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.957+/-238.978 χ^2/NDF : 16.1/17

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 382.059+/-0.251 χ^2/NDF : 4264222.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.833+/-0.229 χ^2/NDF : 4400897.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

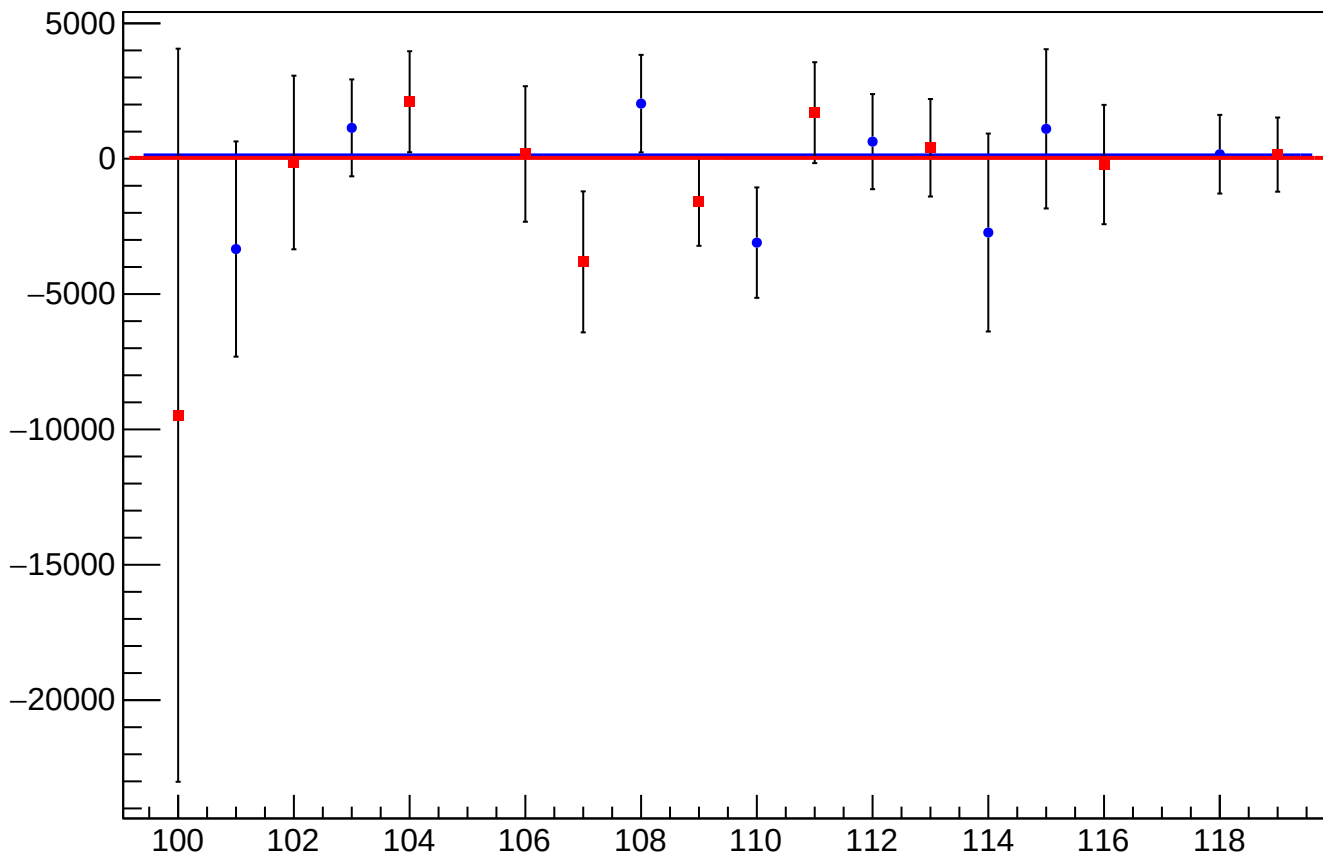
Right: 377.029+/-0.169 χ^2/NDF : 8665859.1/17

In: 382.059+/-0.251 χ^2/NDF : 4264222.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.029+/-0.169 χ^2/NDF : 8665859.1/17

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 121.450+/-723.172 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.530+/-645.174 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

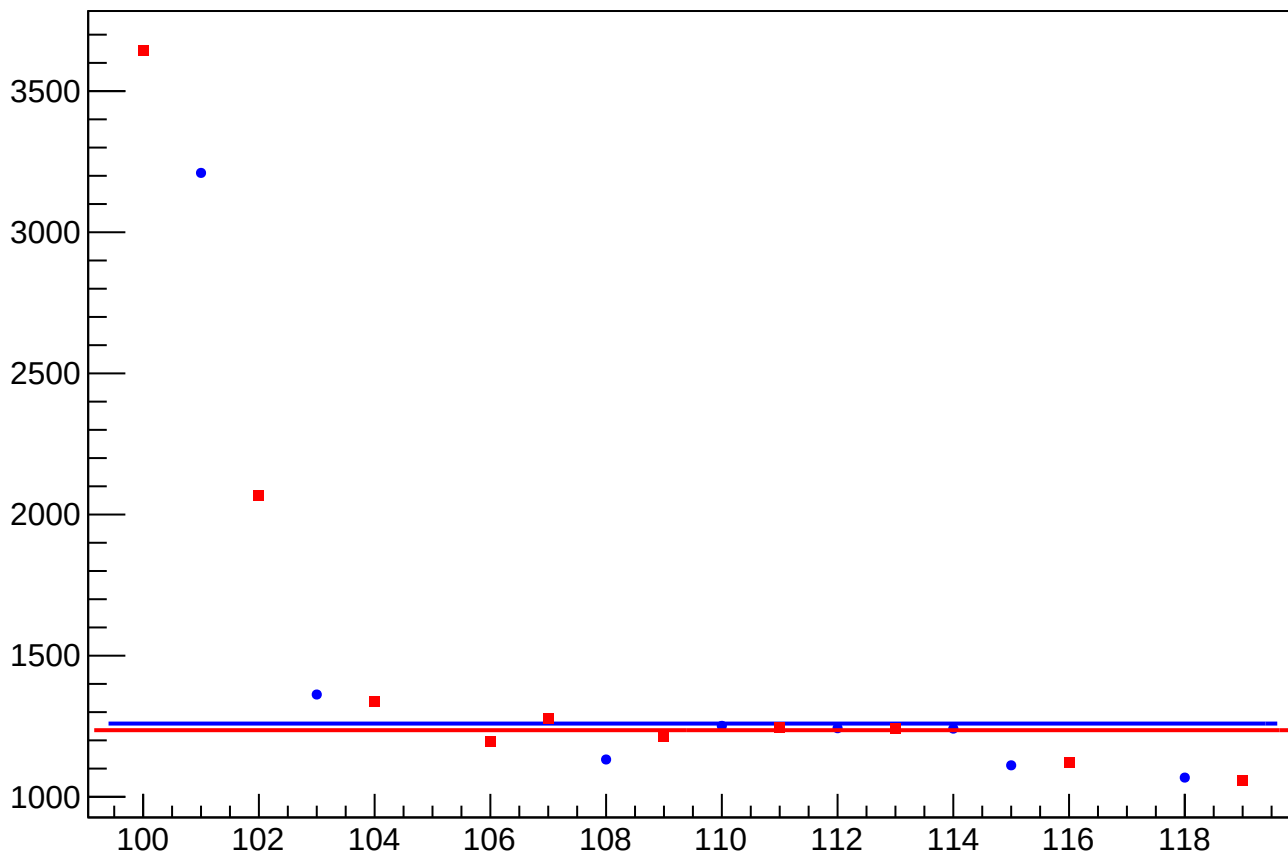
Right: 70.267+/-481.430 χ^2/NDF : 11.2/17

In: 121.450+/-723.172 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.267+/-481.430 χ^2/NDF : 11.2/17

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1259.483+/-0.511 χ^2/NDF : 538118.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.030+/-0.456 χ^2/NDF : 244207.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

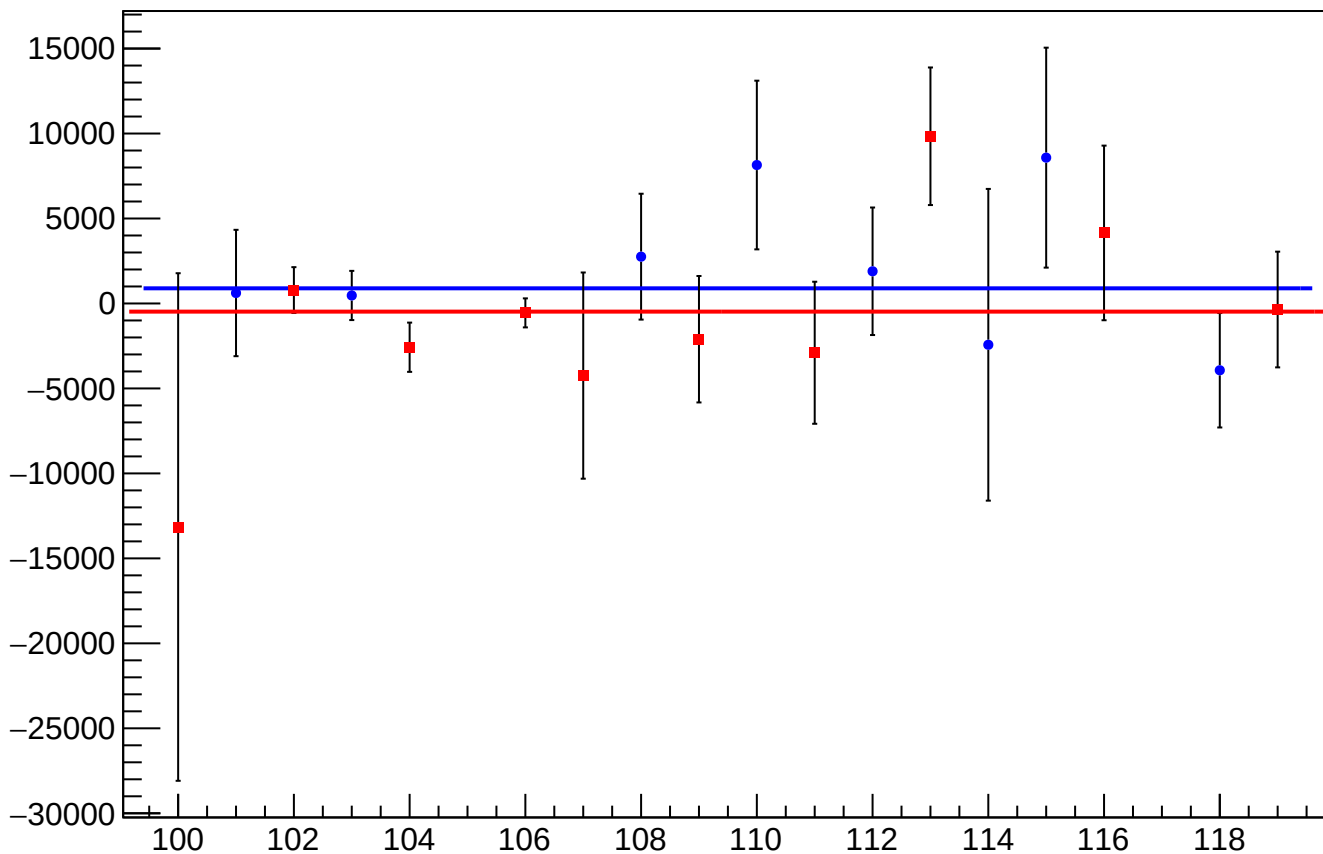
Right: 1246.412+/-0.340 χ^2/NDF : 783498.5/17

In: 1259.483+/-0.511 χ^2/NDF : 538118.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.412+/-0.340 χ^2/NDF : 783498.5/17

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 891.043+/-1079.516 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.807+/-603.545 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

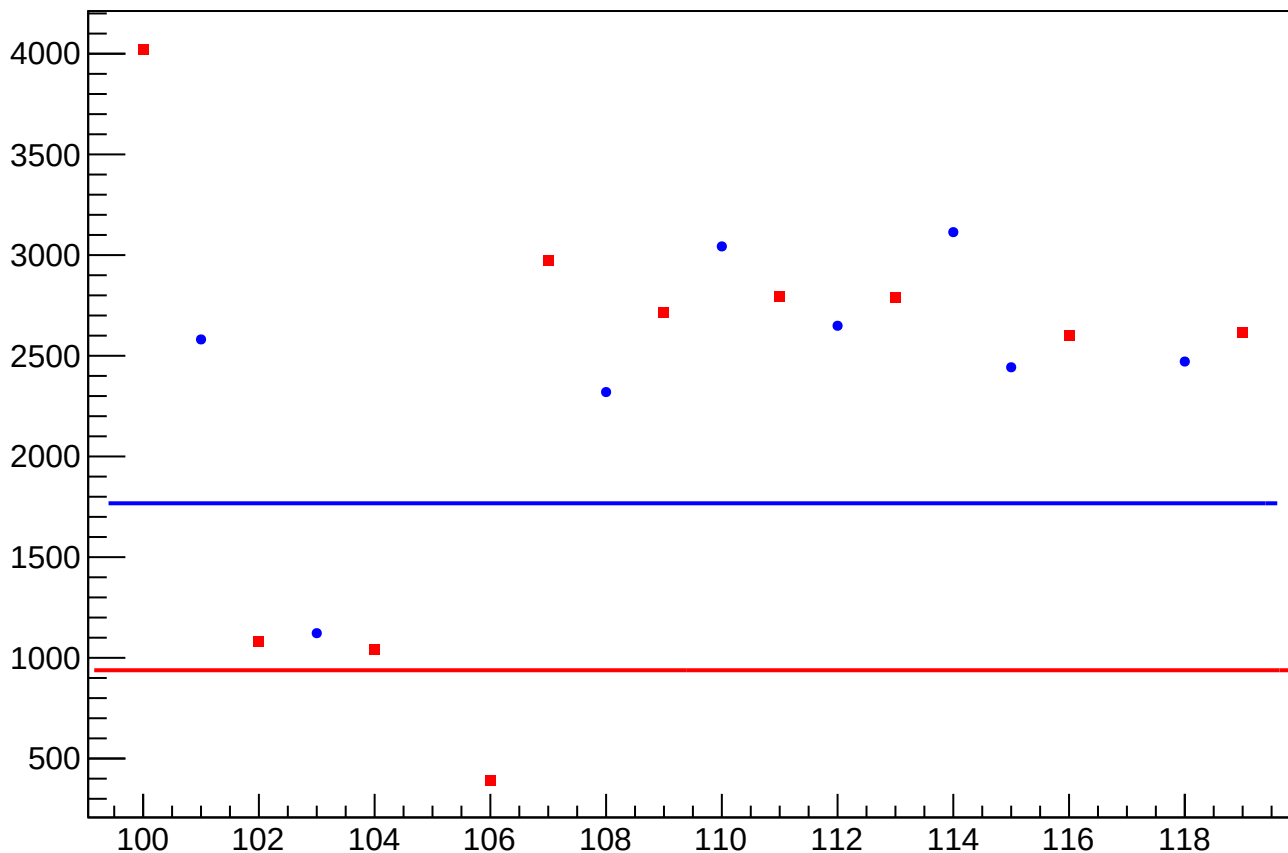
Right: -153.351+/-526.801 χ^2/NDF : 19.3/17

In: 891.043+/-1079.516 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.351+/-526.801 χ^2/NDF : 19.3/17

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1767.457+/-0.763 χ^2/NDF : 932259.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.308+/-0.427 χ^2/NDF : 3130354.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

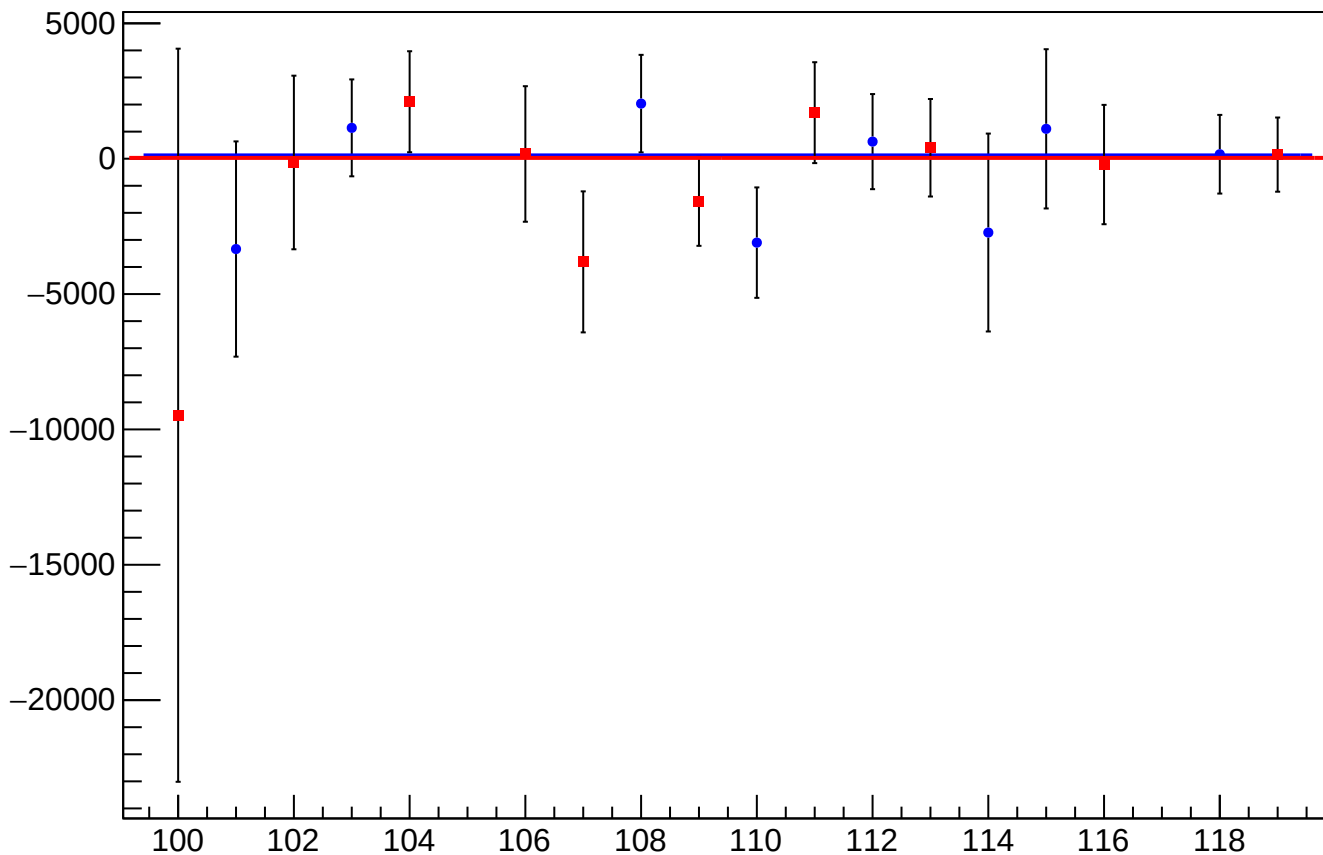
Right: 1135.762+/-0.373 χ^2/NDF : 4961513.8/17

In: 1767.457+/-0.763 χ^2/NDF : 932259.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.762+/-0.373 χ^2/NDF : 4961513.8/17

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: 121.448+/-723.172 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 29.525+/-645.174 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

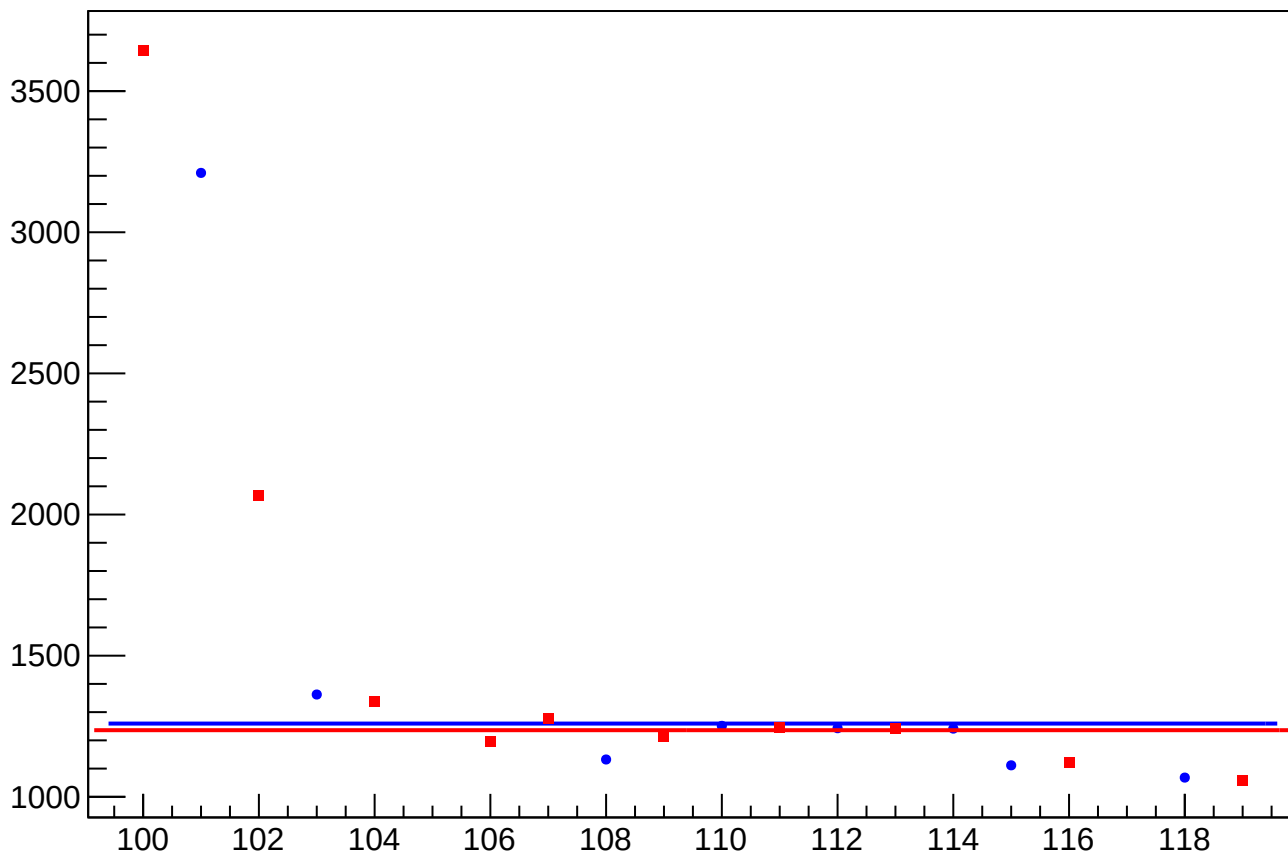
Right: 70.264+/-481.430 χ^2/NDF : 11.2/17

In: 121.448+/-723.172 χ^2/NDF :5.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.264+/-481.430 χ^2/NDF : 11.2/17

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1259.483+/-0.511 χ^2/NDF : 538118.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.030+/-0.456 χ^2/NDF : 244207.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

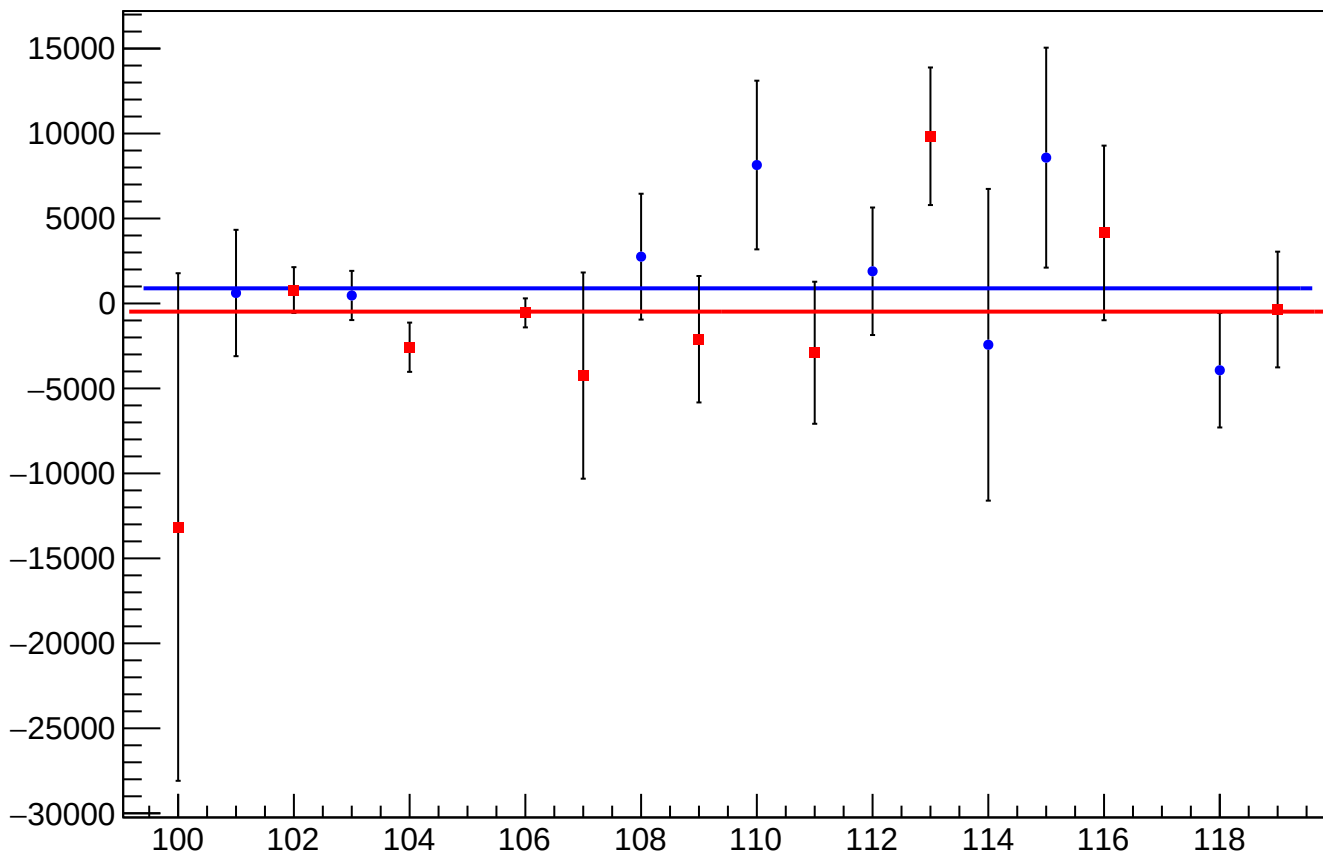
Right: 1246.412+/-0.340 χ^2/NDF : 783498.3/17

In: 1259.483+/-0.511 χ^2/NDF : 538118.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.412+/-0.340 χ^2/NDF : 783498.3/17

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 891.041+/-1079.515 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.806+/-603.537 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

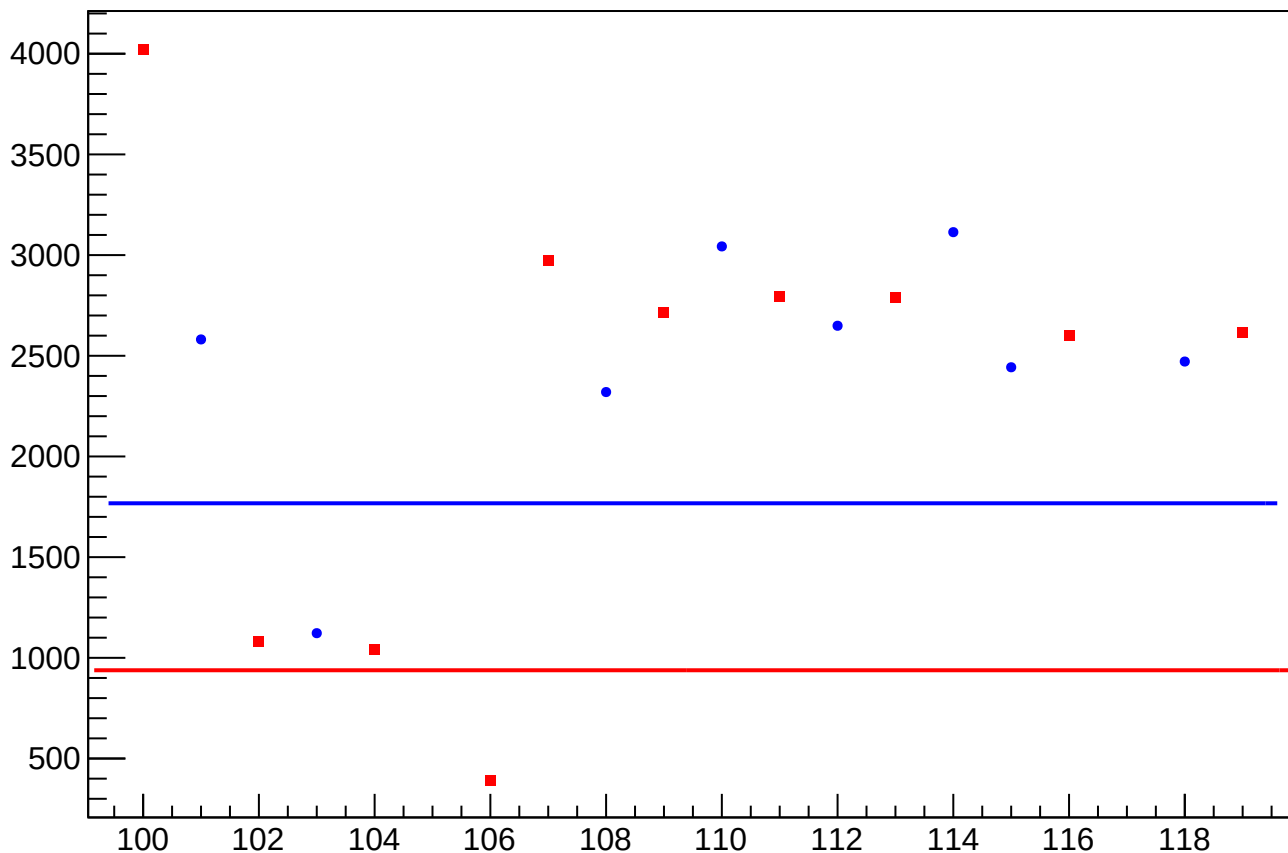
Right: -153.357+/-526.796 χ^2/NDF : 19.3/17

In: 891.041+/-1079.515 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.357+/-526.796 χ^2/NDF : 19.3/17

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1767.455+/-0.763 χ^2/NDF : 932256.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 938.288+/-0.427 χ^2/NDF : 3130428.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

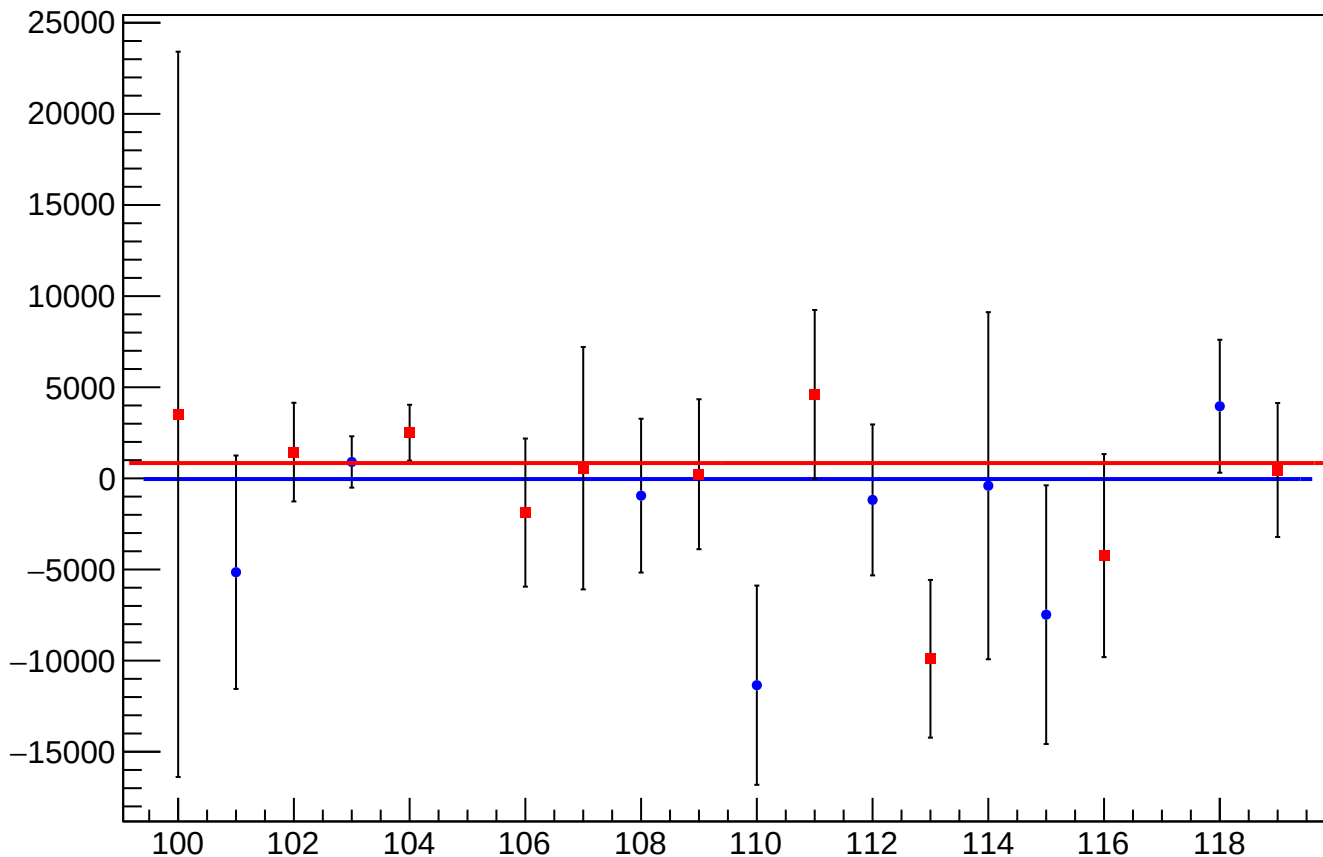
Right: 1135.743+/-0.373 χ^2/NDF : 4961631.6/17

In: 1767.455+/-0.763 χ^2/NDF : 932256.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1135.743+/-0.373 χ^2/NDF : 4961631.6/17

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -36.998+/-1130.566 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 840.349+/-1046.688 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

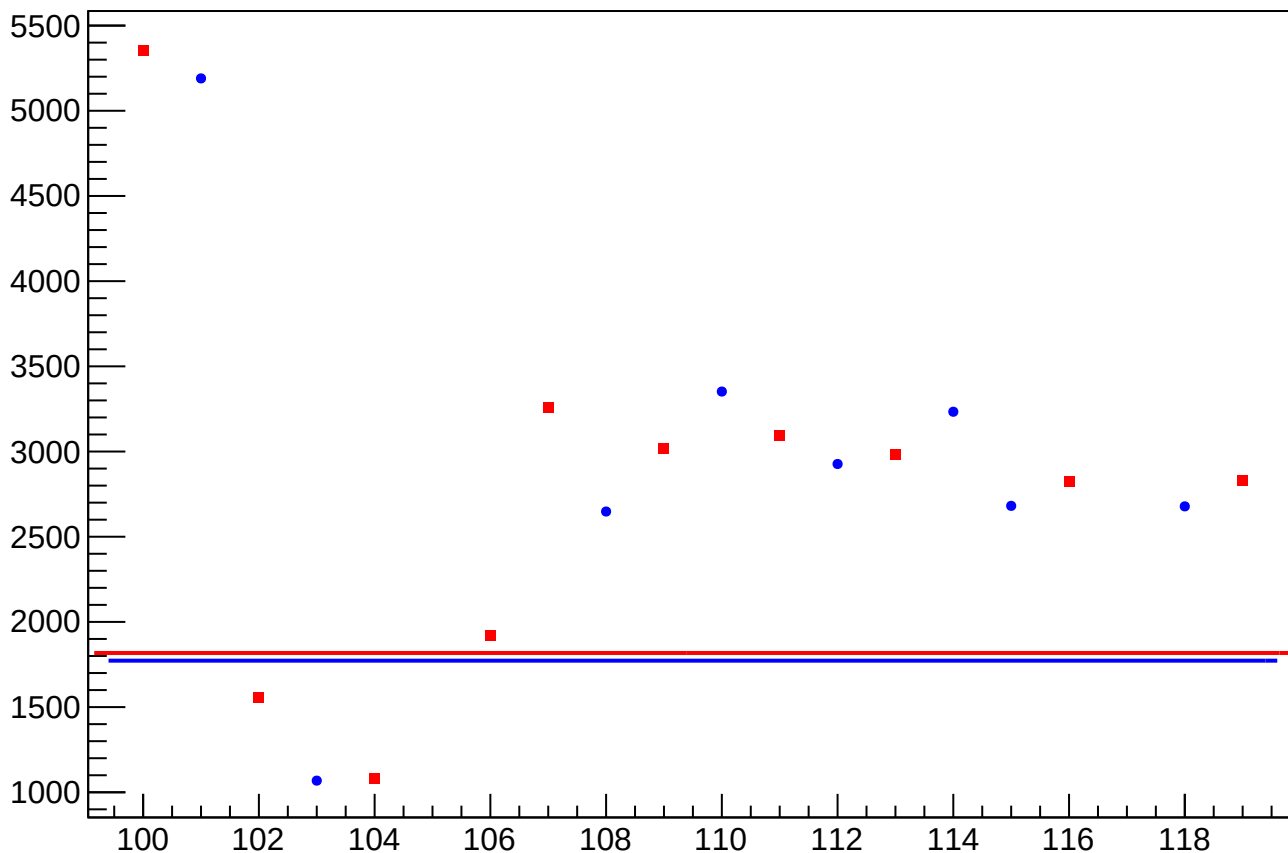
Right: 435.425+/-768.064 χ^2/NDF : 17.5/17

In: -36.998+/-1130.566 χ^2/NDF :7.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 435.425+/-768.064 χ^2/NDF : 17.5/17

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1772.577+/-0.799 χ^2/NDF : 1680760.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1817.672+/-0.738 χ^2/NDF : 1321230.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

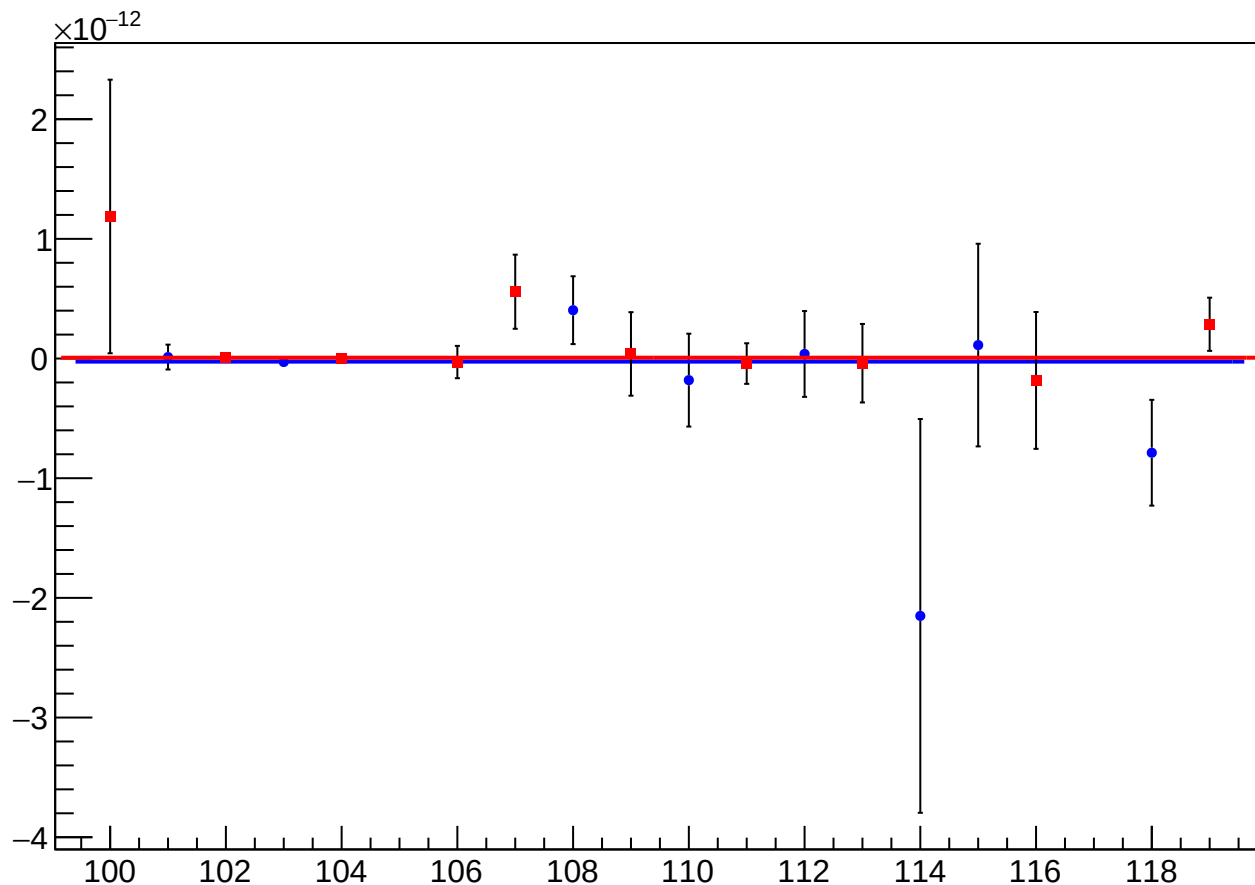
Right: 1796.932+/-0.542 χ^2/NDF : 3003710.1/17

In: 1772.577+/-0.799 χ^2/NDF : 1680760.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.932+/-0.542 χ^2/NDF : 3003710.1/17

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

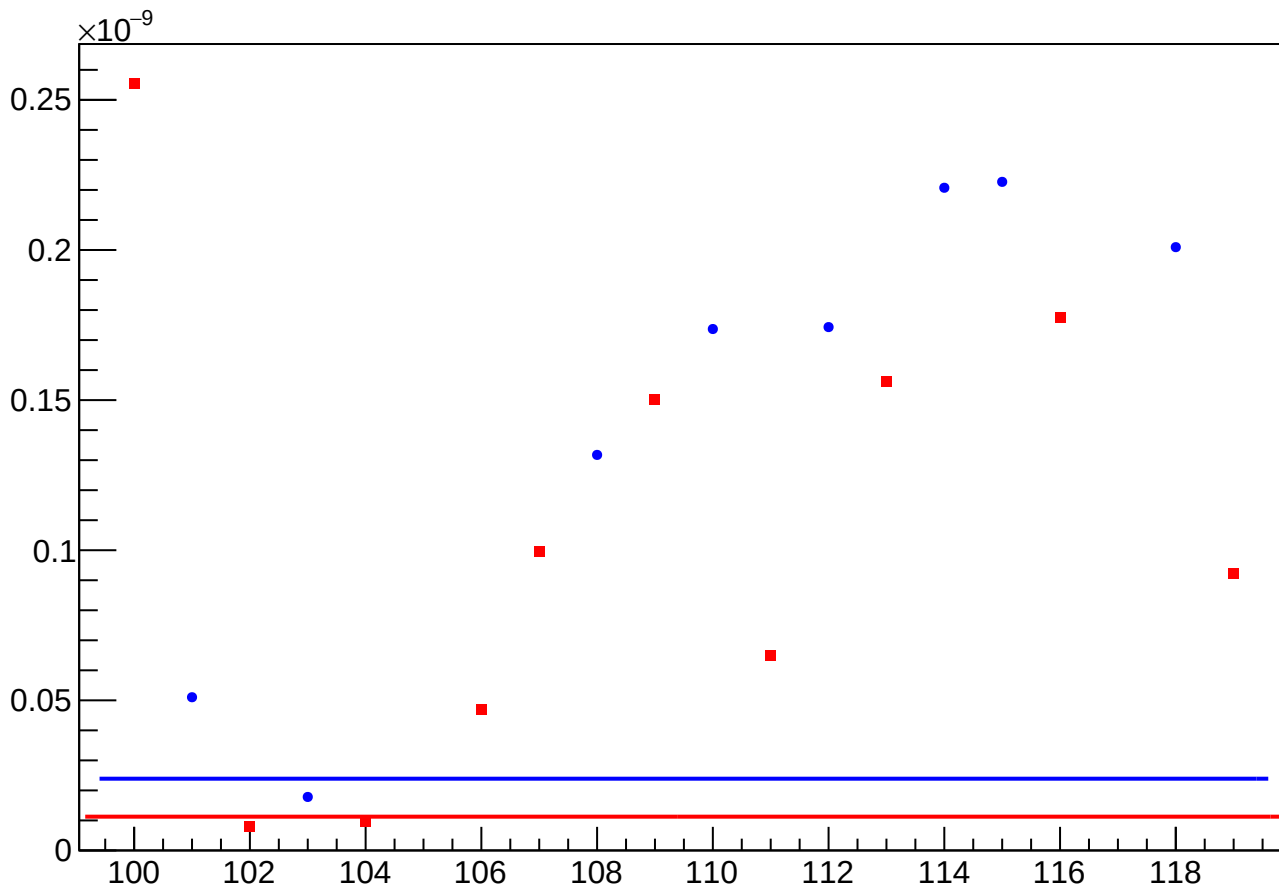
Right: -0.000+/-0.000 χ^2/NDF : 14.5/17

In: -0.000+/-0.000 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.5/17

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1624176.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1781671.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

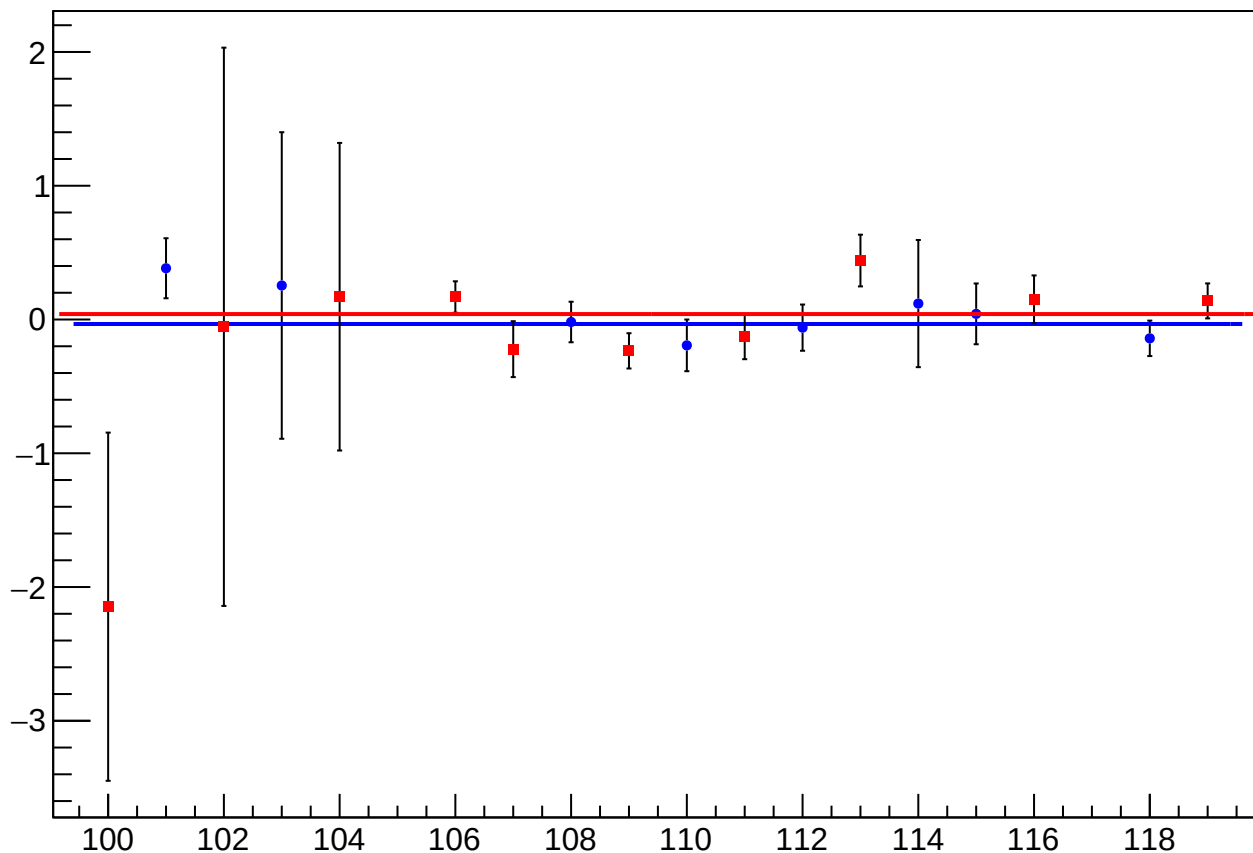
Right: 0.000+/-0.000 χ^2/NDF : 3731187.2/17

In: 0.000+/-0.000 χ^2/NDF : 1624176.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3731187.2/17

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.070 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.041+/-0.057 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

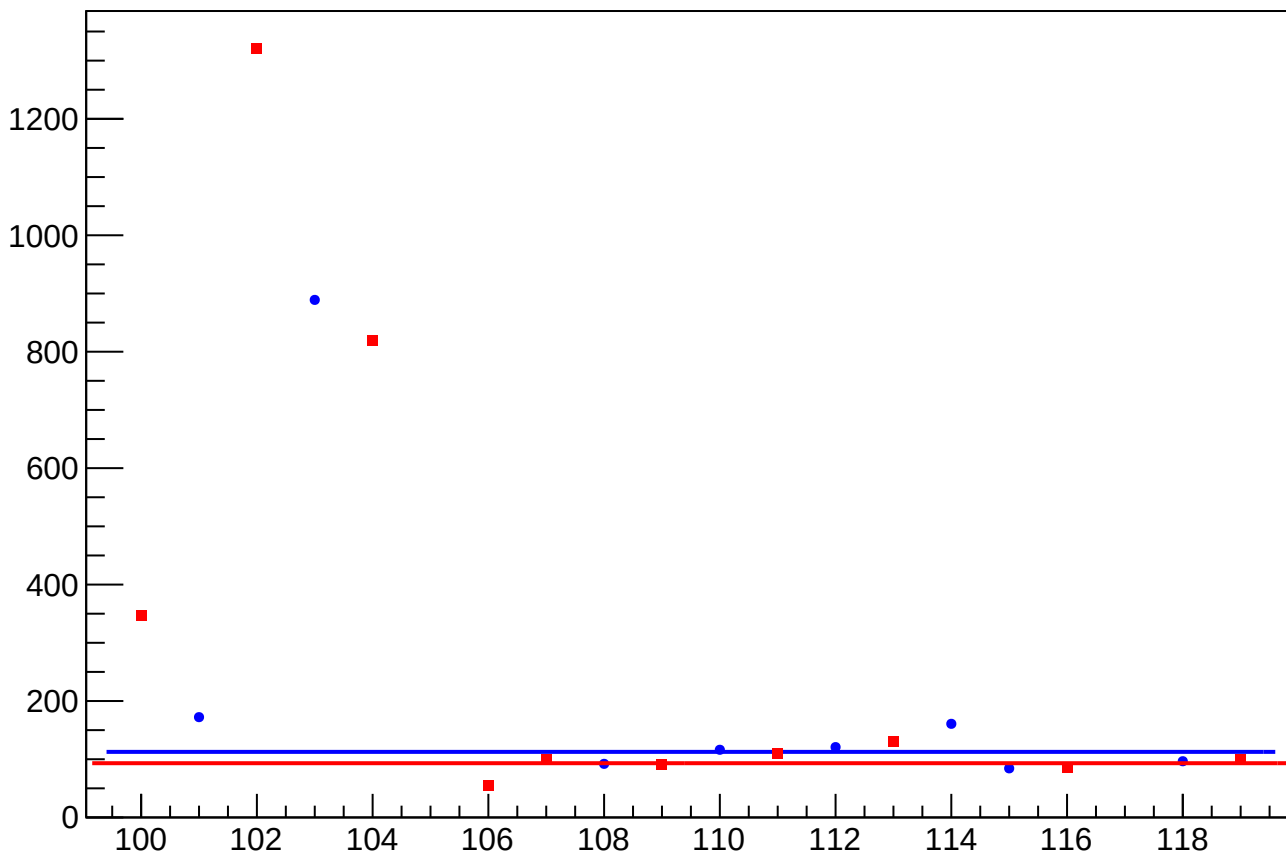
Right: 0.011+/-0.044 χ^2/NDF : 22.0/17

In: -0.034+/-0.070 χ^2/NDF :5.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.044 χ^2/NDF : 22.0/17

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.646+/-0.049 χ^2/NDF : 1182524.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.186+/-0.040 χ^2/NDF : 1881938.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

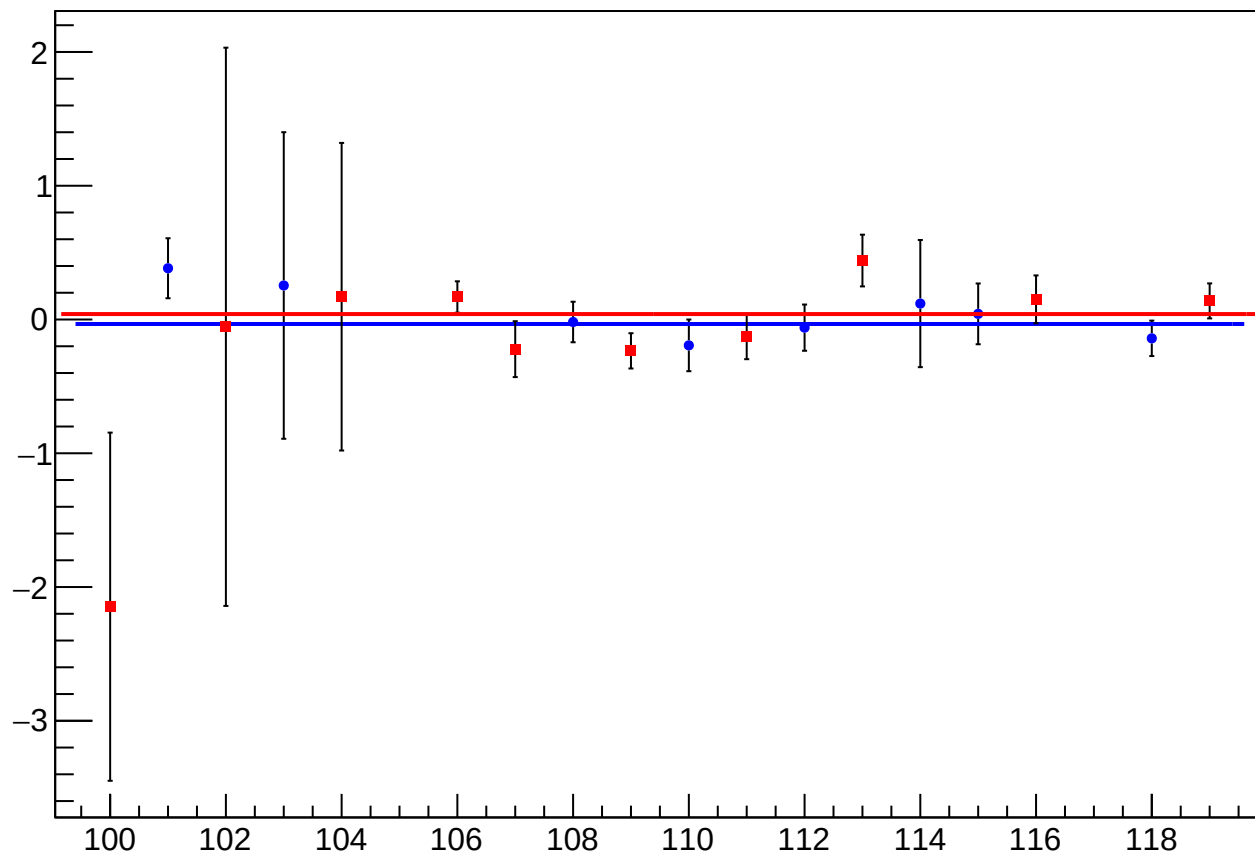
Right: 100.983+/-0.031 χ^2/NDF : 3157642.2/17

In: 112.646+/-0.049 χ^2/NDF : 1182524.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.983+/-0.031 χ^2/NDF : 3157642.2/17

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.070 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.057 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

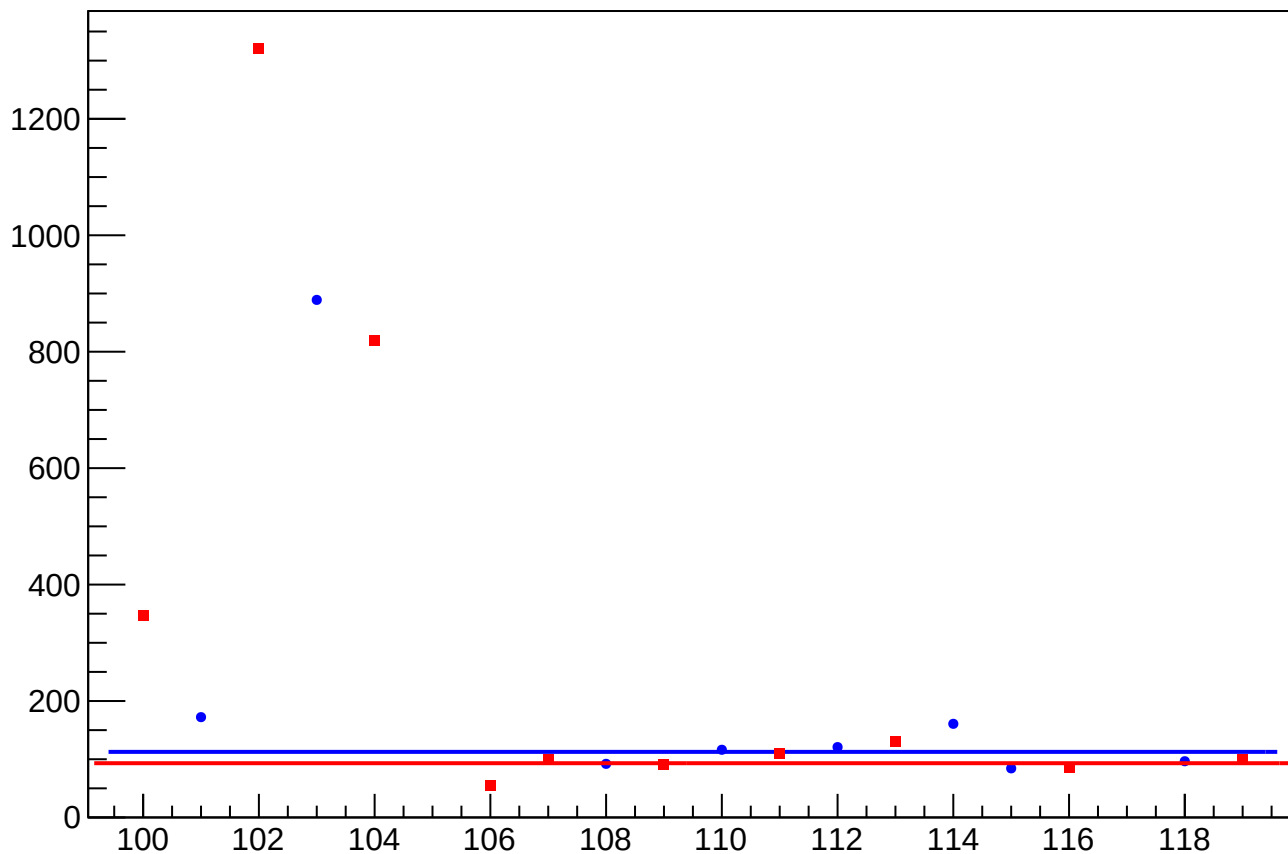
Right: 0.011+/-0.044 χ^2/NDF : 22.0/17

In: -0.034+/-0.070 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.044 χ^2/NDF : 22.0/17

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.646+/-0.049 χ^2/NDF : 1182524.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.186+/-0.040 χ^2/NDF : 1881938.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

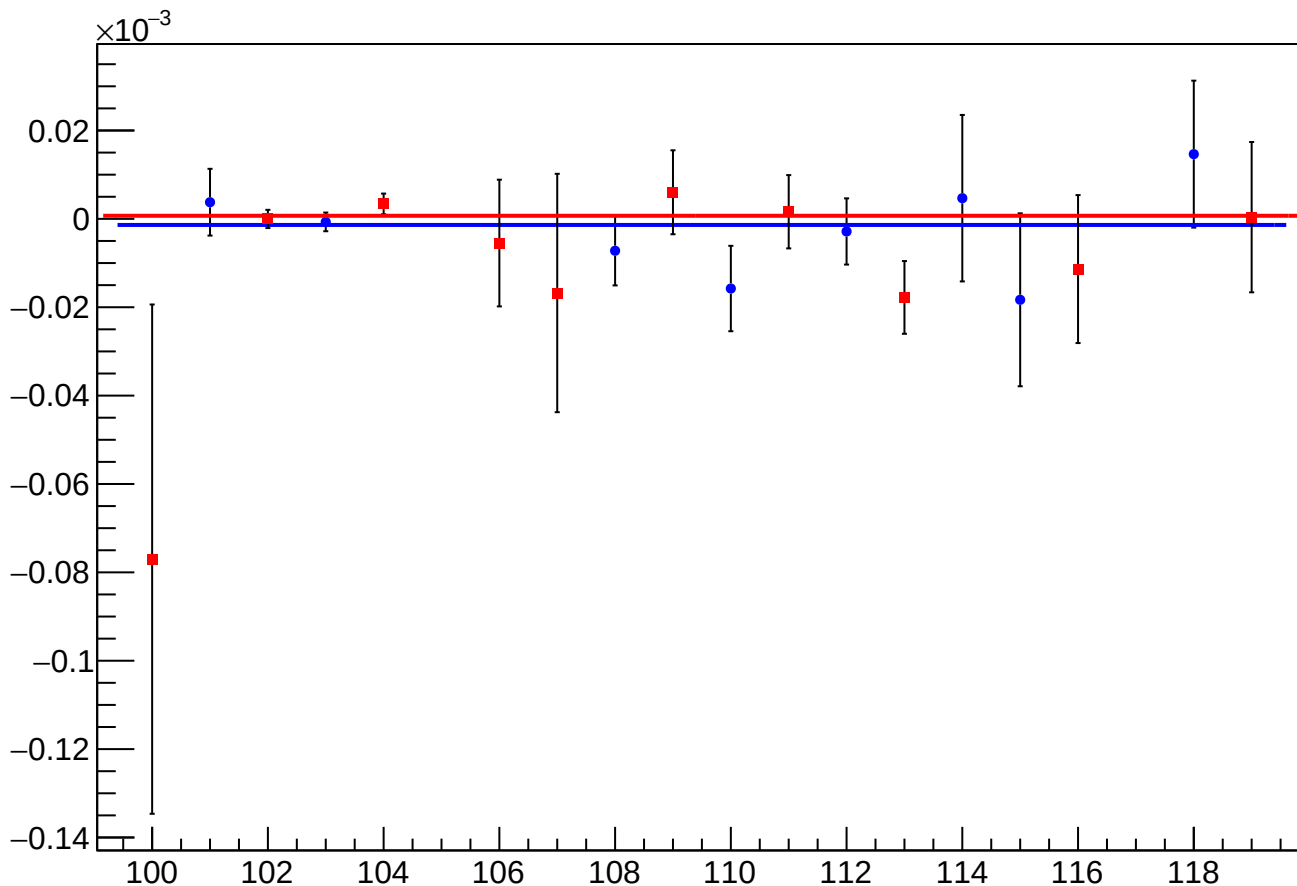
Right: 100.983+/-0.031 χ^2/NDF : 3157642.2/17

In: 112.646+/-0.049 χ^2/NDF : 1182524.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.983+/-0.031 χ^2/NDF : 3157642.2/17

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 : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

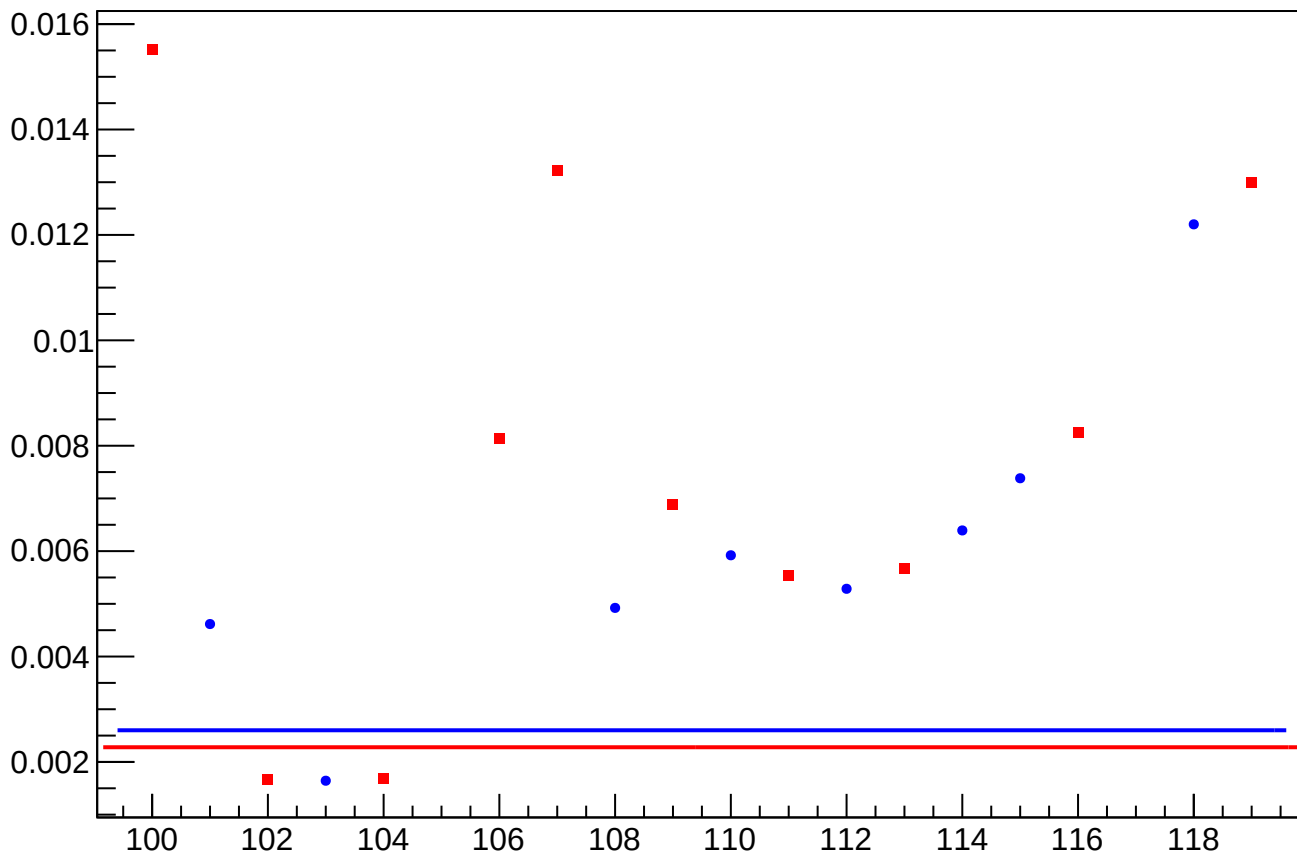
Right: -0.000+/-0.000 χ^2/NDF : 15.7/17

In: -0.000+/-0.000 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.7/17

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 2088349.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3244904.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

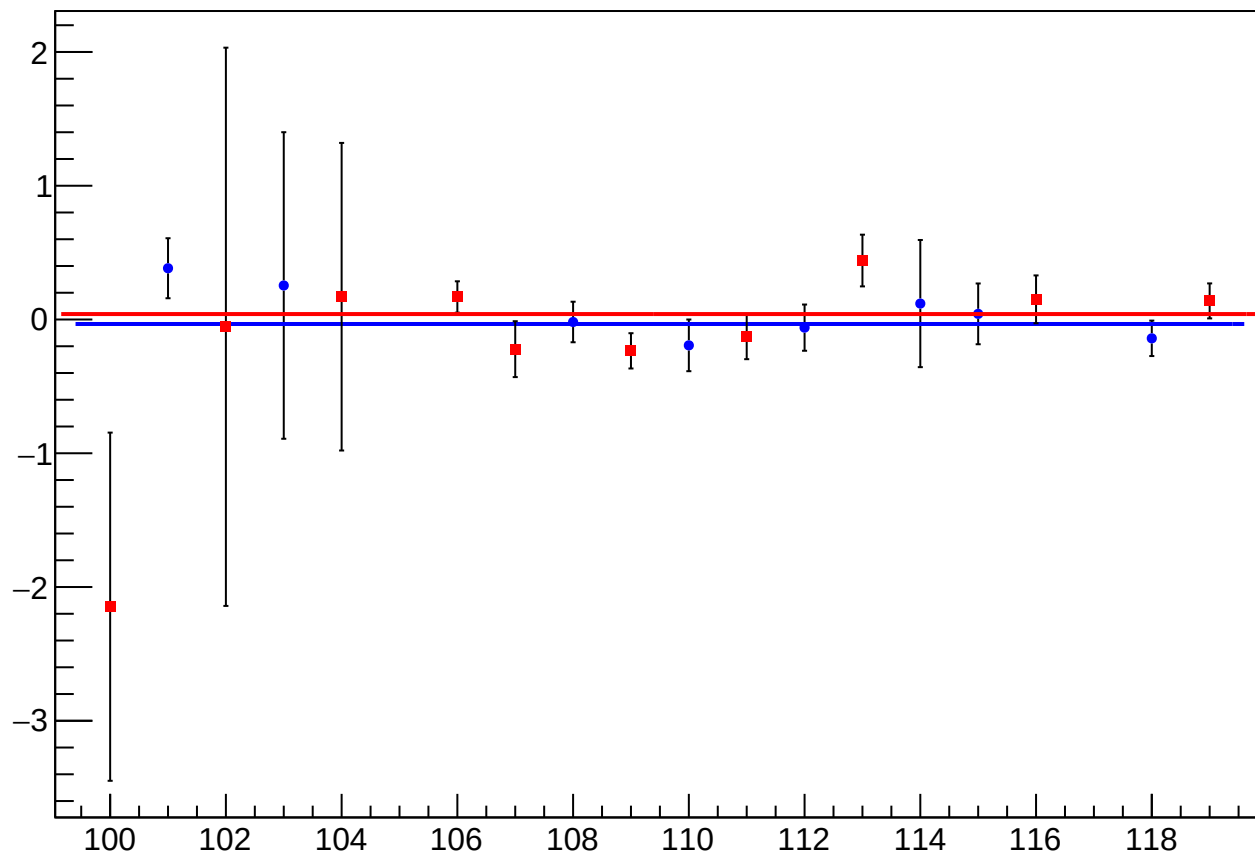
Right: 0.002+/-0.000 χ^2/NDF : 5370958.8/17

In: 0.003+/-0.000 χ^2/NDF :2088349.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5370958.8/17

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.070 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.041 $\pm$ 0.057 χ^2 /NDF: 16.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

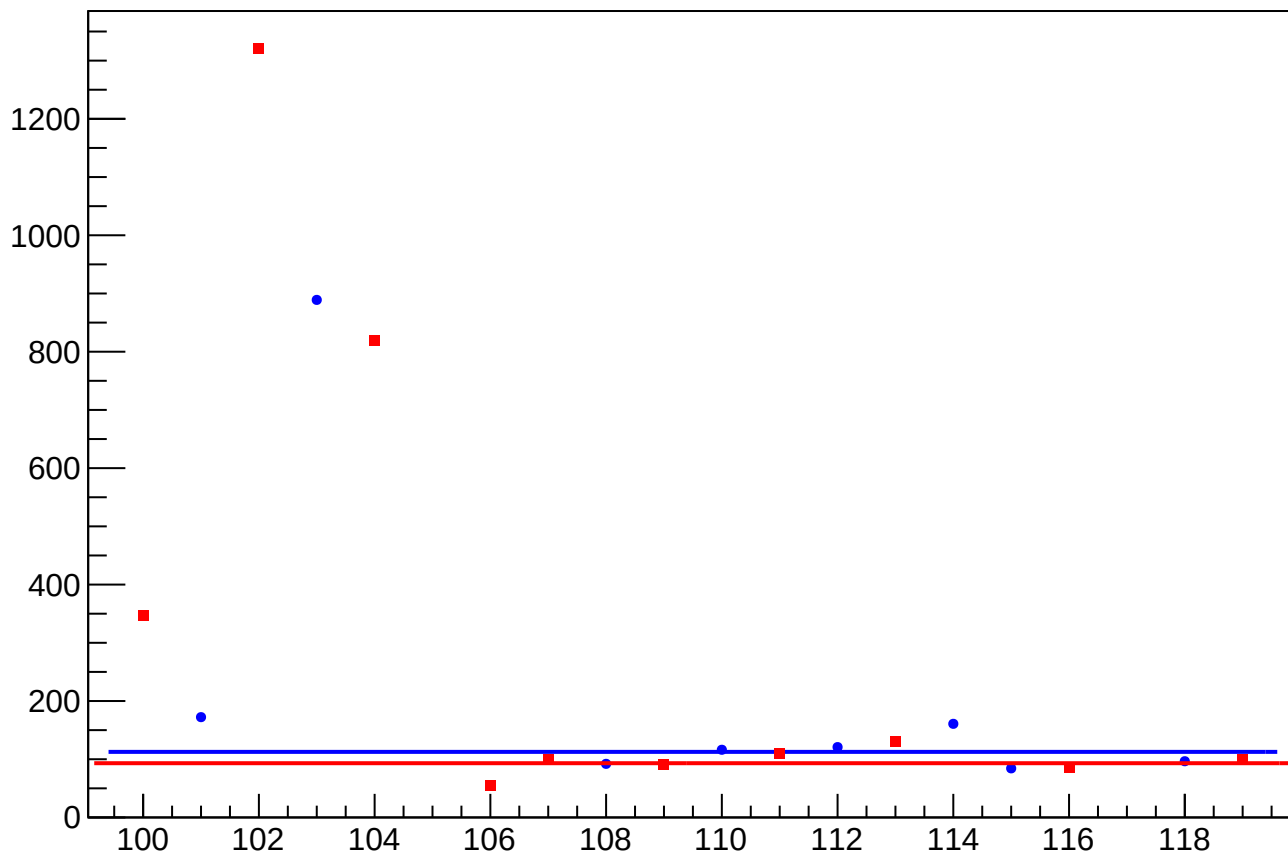
Right: 0.011 $\pm$ 0.044 χ^2 /NDF: 22.0/17

In: -0.034 $\pm$ 0.070 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.044 χ^2 /NDF: 22.0/17

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.647+/-0.049 χ^2/NDF : 1182510.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.185+/-0.040 χ^2/NDF : 1882006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

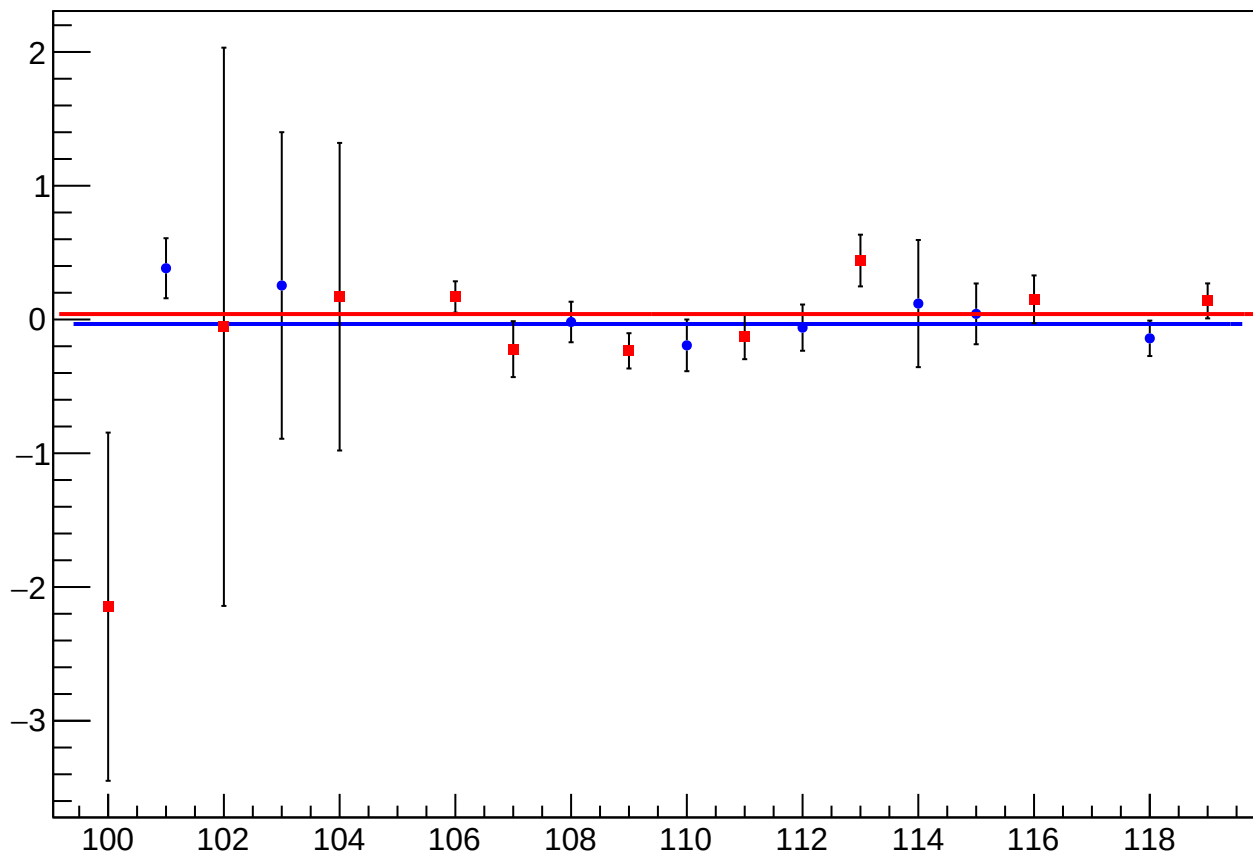
Right: 100.982+/-0.031 χ^2/NDF : 3157714.8/17

In: 112.647+/-0.049 χ^2/NDF : 1182510.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.982+/-0.031 χ^2/NDF : 3157714.8/17

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.070 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.041 $\pm$ 0.057 χ^2 /NDF: 16.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

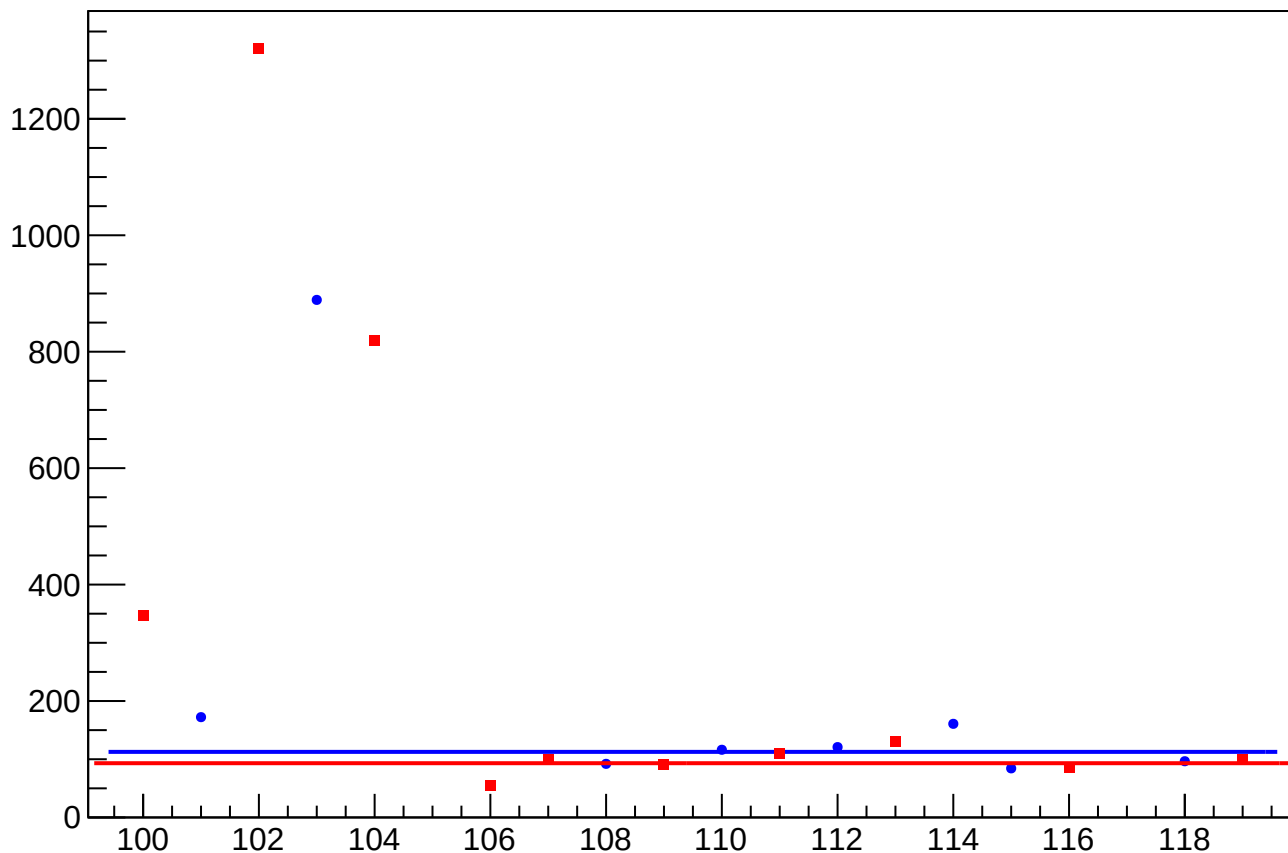
Right: 0.011 $\pm$ 0.044 χ^2 /NDF: 22.0/17

In: -0.034 $\pm$ 0.070 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.011 $\pm$ 0.044 χ^2 /NDF: 22.0/17

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 112.647 $\pm$ 0.049 χ^2 /NDF: 1182510.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.185 $\pm$ 0.040 χ^2 /NDF: 1882006.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

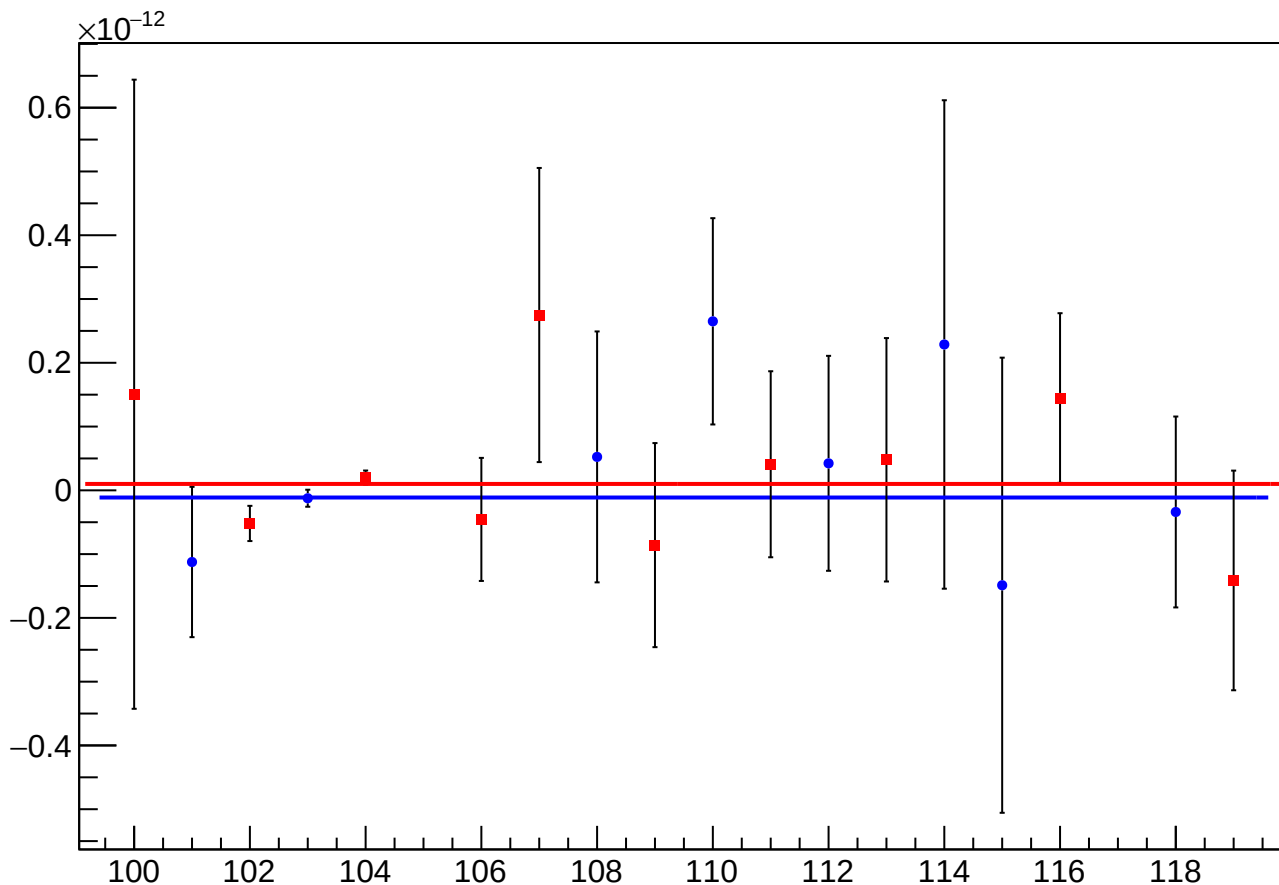
Right: 100.982 $\pm$ 0.031 χ^2 /NDF: 3157714.8/17

In: 112.647 $\pm$ 0.049 χ^2 /NDF:1182510.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.982 $\pm$ 0.031 χ^2 /NDF: 3157714.8/17

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 : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

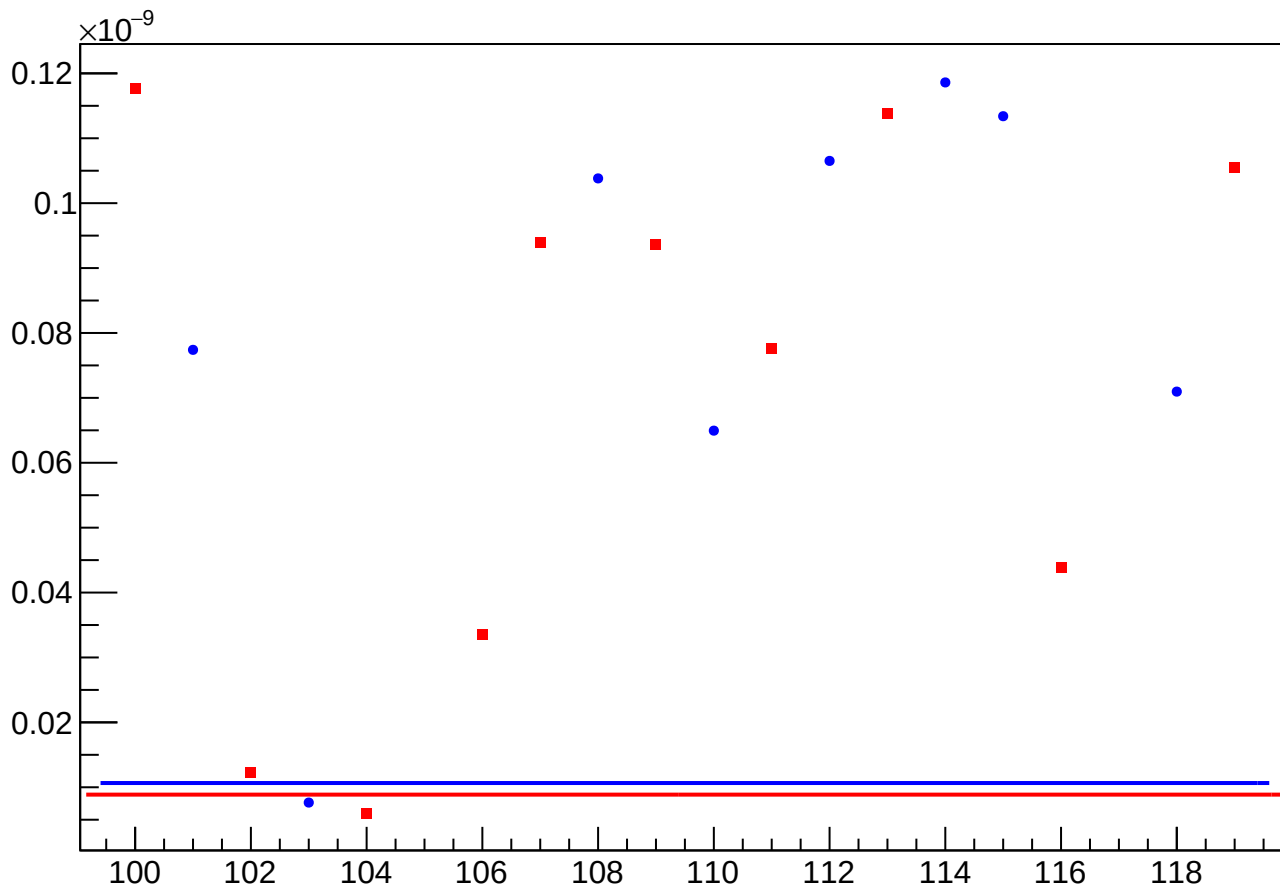
Right: 0.000+/-0.000 χ^2/NDF : 15.9/17

In: -0.000+/-0.000 χ^2/NDF :4.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/17

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 : 2713990.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3052739.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

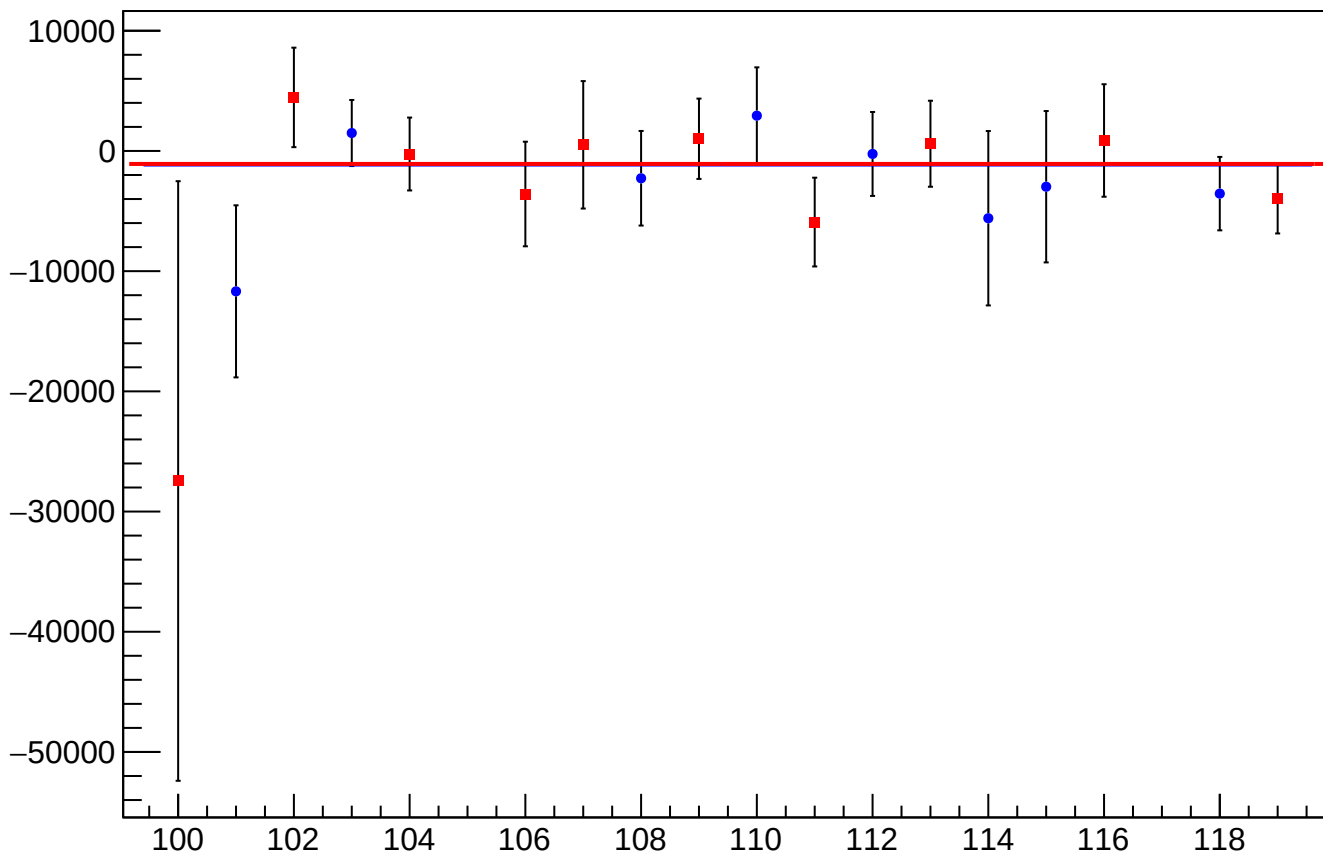
Right: 0.000+/-0.000 χ^2/NDF : 5790085.1/17

In: 0.000+/-0.000 χ^2/NDF : 2713990.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5790085.1/17

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1129.367+/-1397.927 χ^2 /NDF: 5.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1080.454+/-1227.058 χ^2 /NDF: 6.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

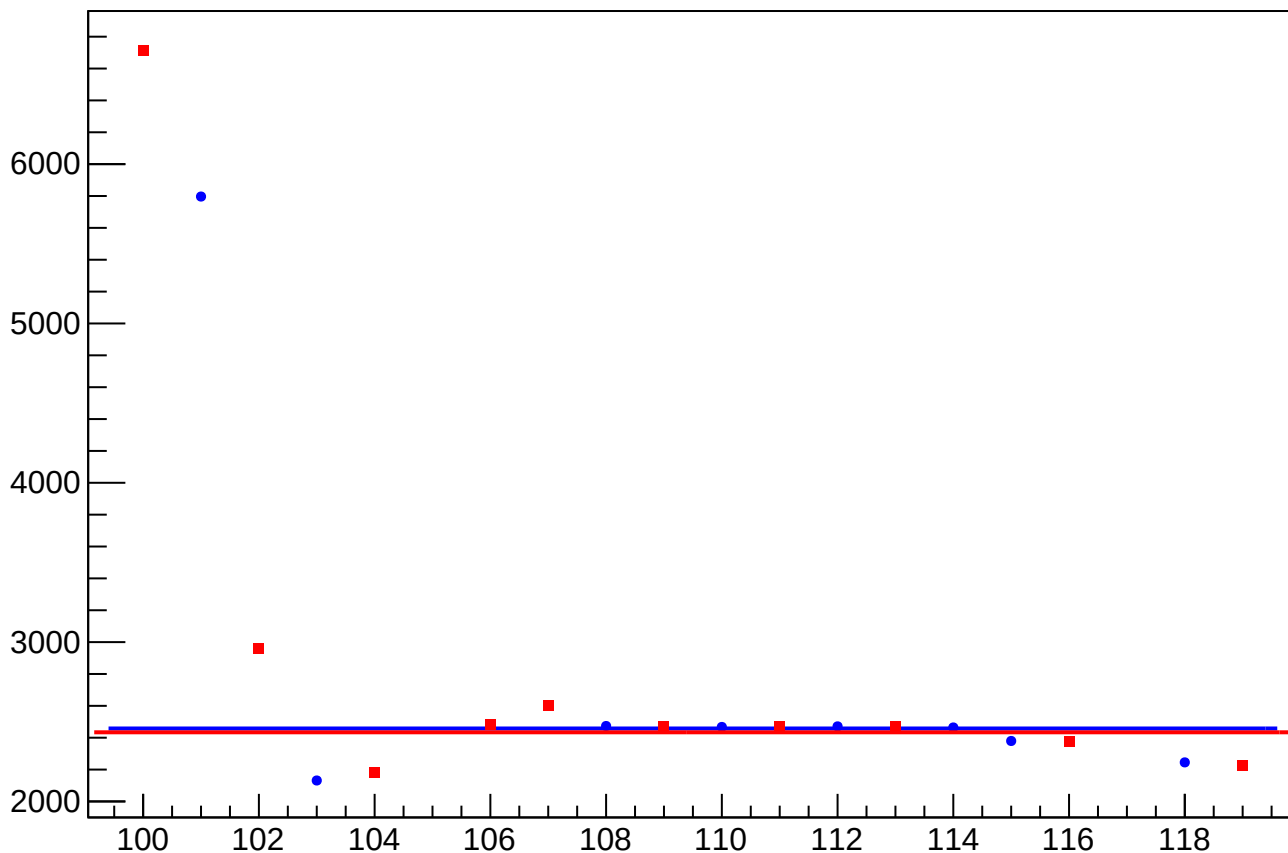
Right: -1101.740+/-922.188 χ^2 /NDF: 12.3/17

In: -1129.367+/-1397.927 χ^2 /NDF:5.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1101.740+/-922.188 χ^2 /NDF: 12.3/17

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2457.848+/-0.988 χ^2/NDF : 473419.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2433.941+/-0.868 χ^2/NDF : 118357.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

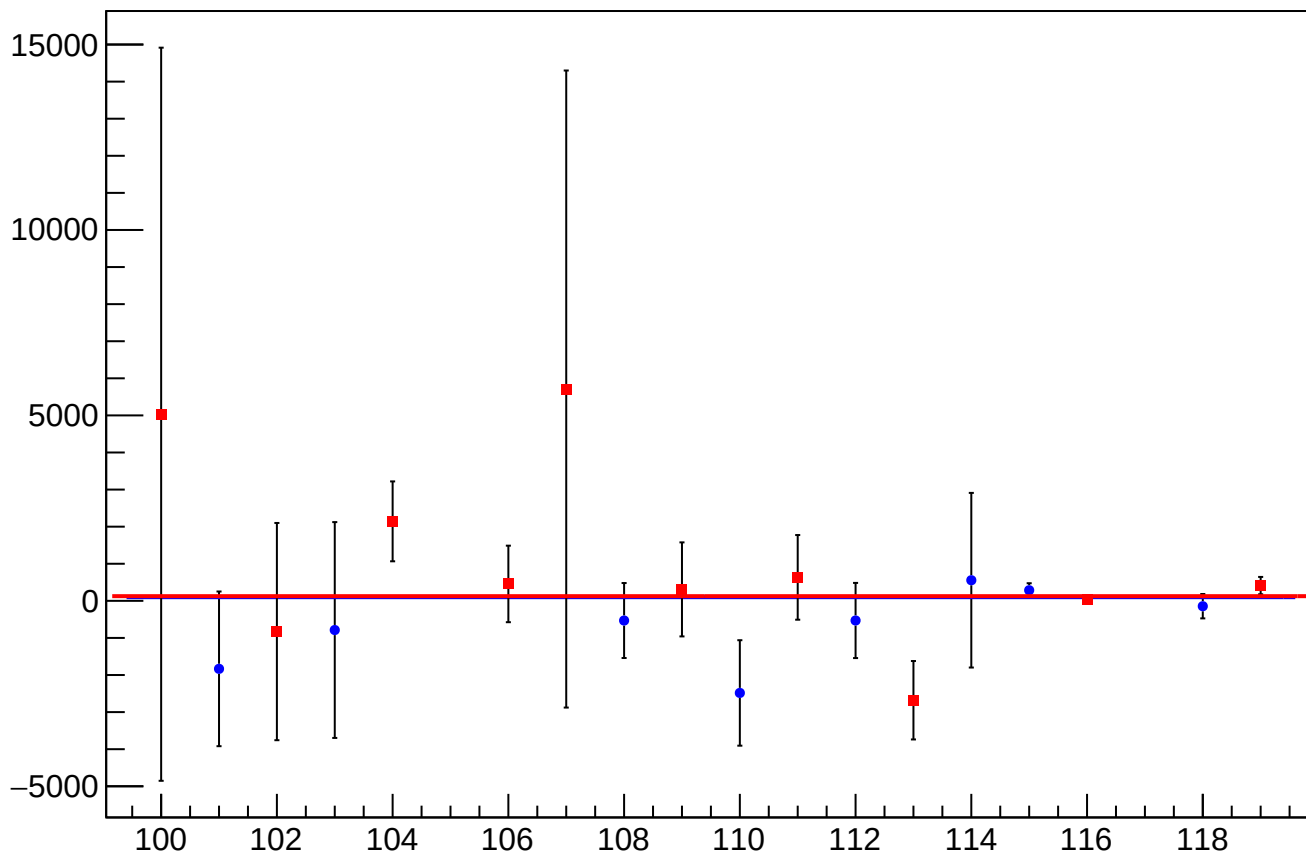
Right: 2444.345+/-0.652 χ^2/NDF : 592107.9/17

In: 2457.848+/-0.988 χ^2/NDF : 473419.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2444.345+/-0.652 χ^2/NDF : 592107.9/17

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 98.984+/-157.660 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.965+/-107.832 χ^2/NDF : 13.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

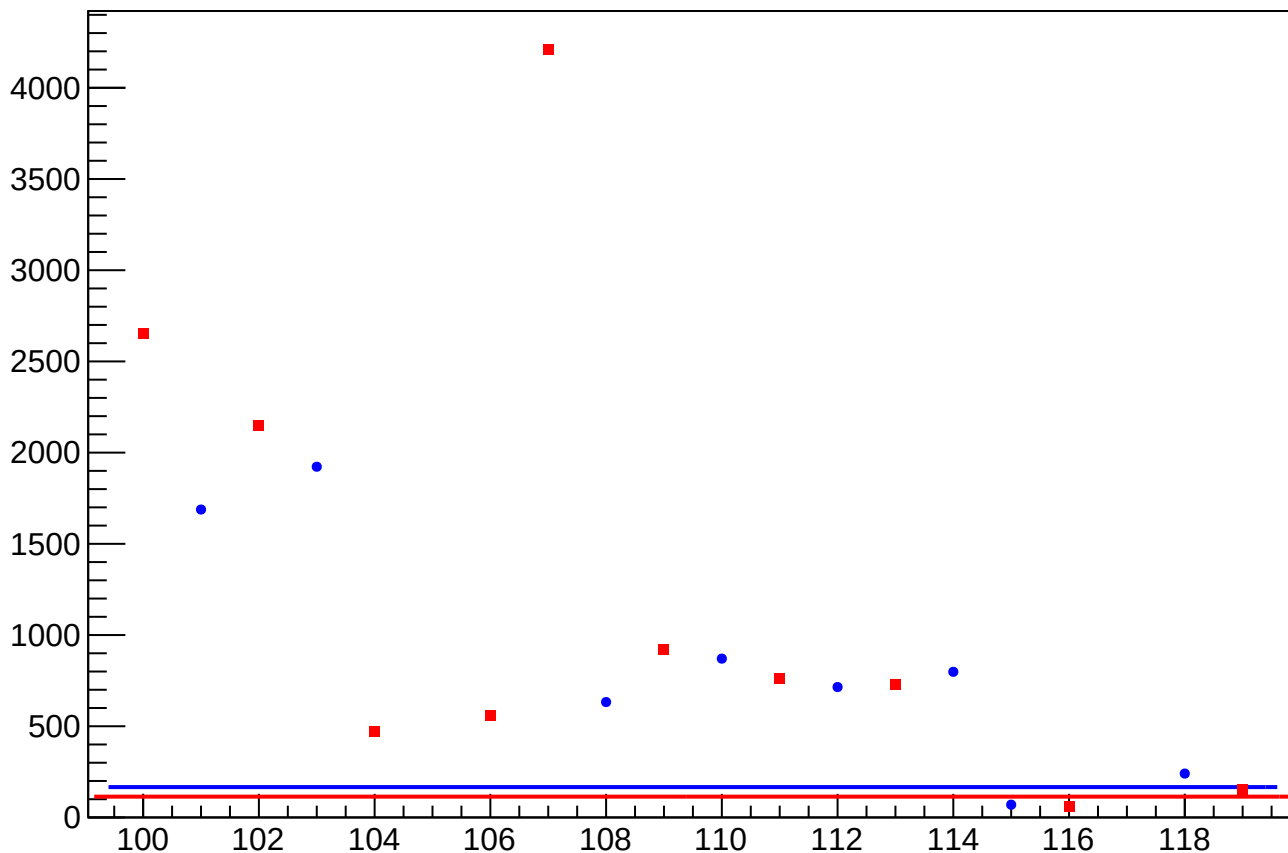
Right: 117.366+/-89.005 χ^2/NDF : 20.2/17

In: 98.984+/-157.660 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.366+/-89.005 χ^2/NDF : 20.2/17

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 166.440+/-0.111 χ^2/NDF : 4061389.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.054+/-0.076 χ^2/NDF : 4682360.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

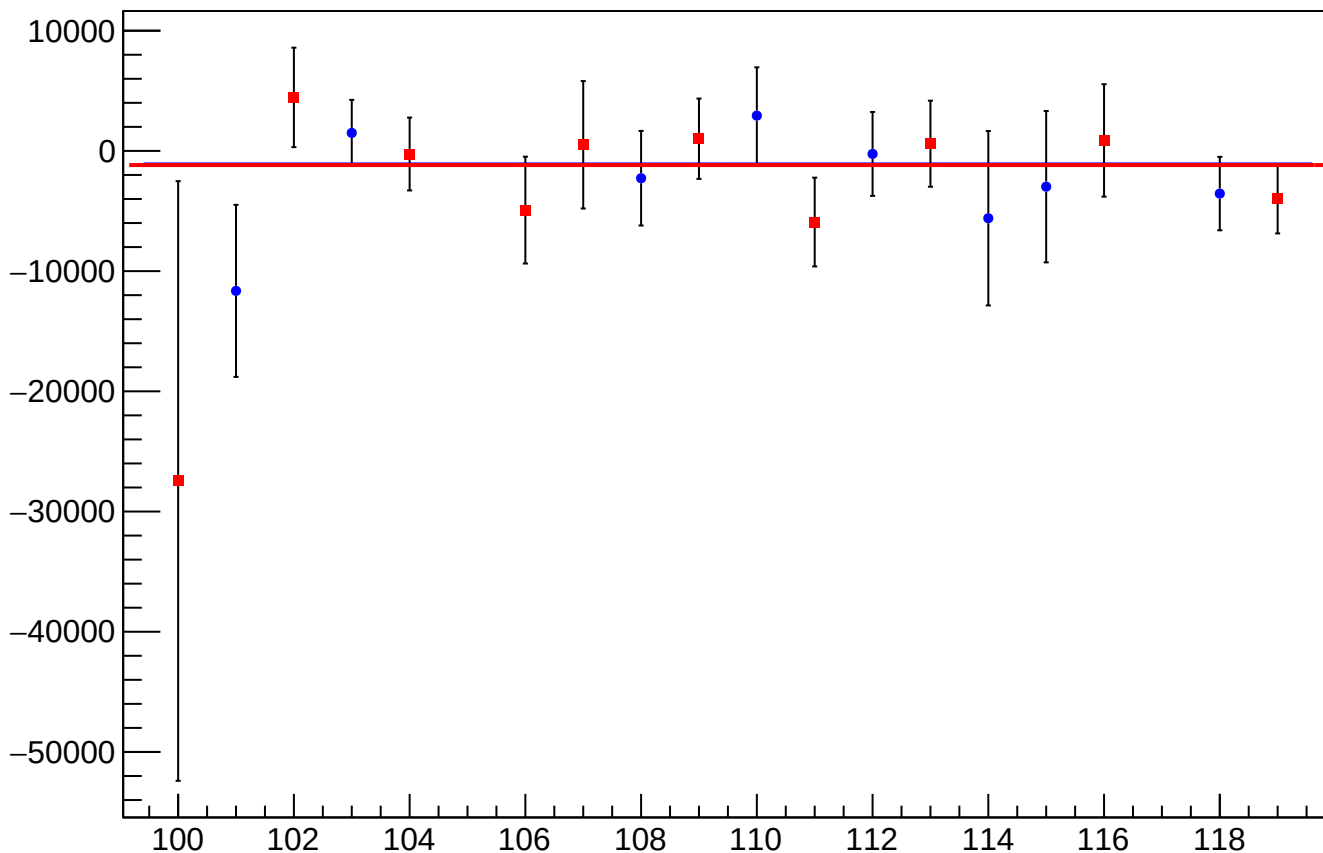
Right: 130.750+/-0.063 χ^2/NDF : 8894184.9/17

In: 166.440+/-0.111 χ^2/NDF : 4061389.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.750+/-0.063 χ^2/NDF : 8894184.9/17

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1127.004 $\pm$ 1397.928 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1176.006 $\pm$ 1229.088 χ^2 /NDF: 7.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

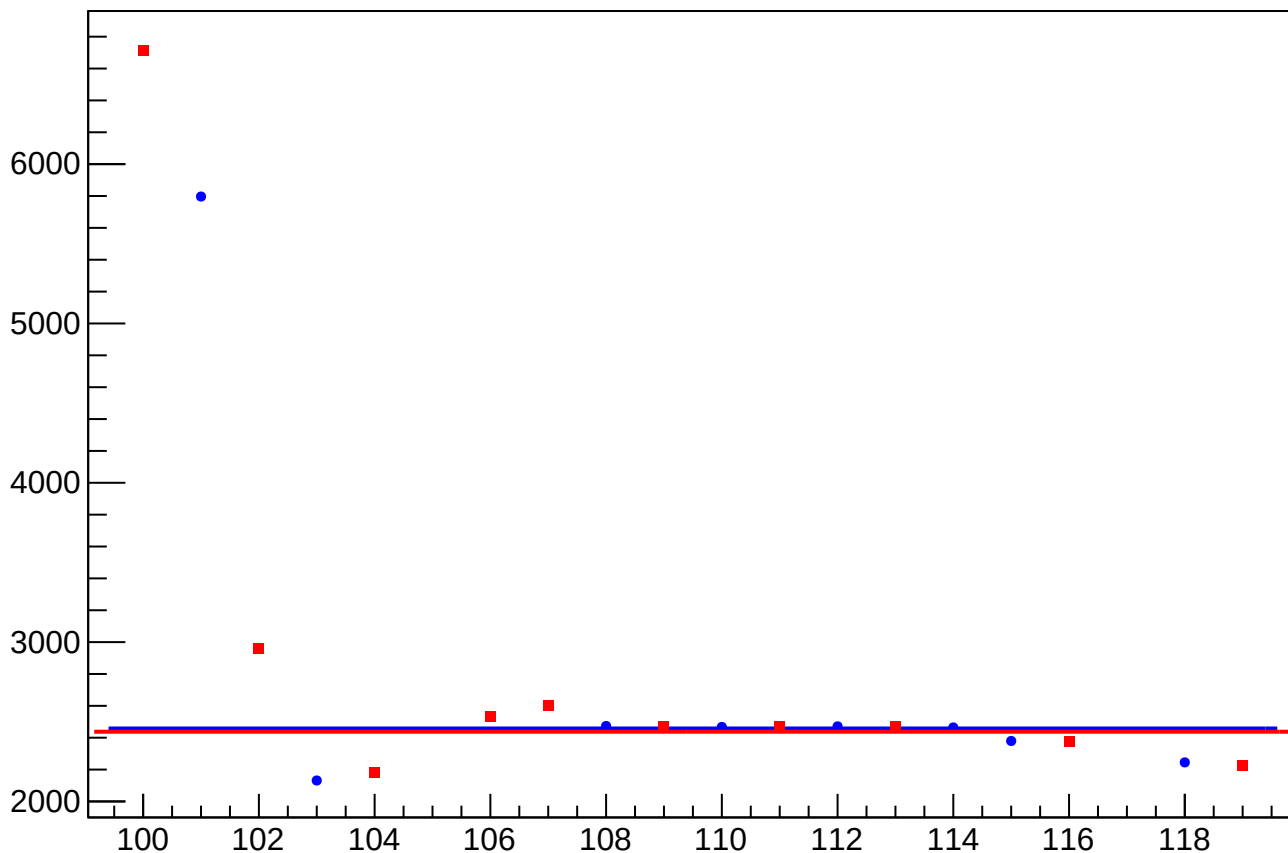
Right: -1154.641 $\pm$ 923.050 χ^2 /NDF: 12.7/17

In: -1127.004 $\pm$ 1397.928 χ^2 /NDF:5.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1154.641 $\pm$ 923.050 χ^2 /NDF: 12.7/17

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2457.848+/-0.988 χ^2/NDF : 473420.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2437.655+/-0.869 χ^2/NDF : 119101.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

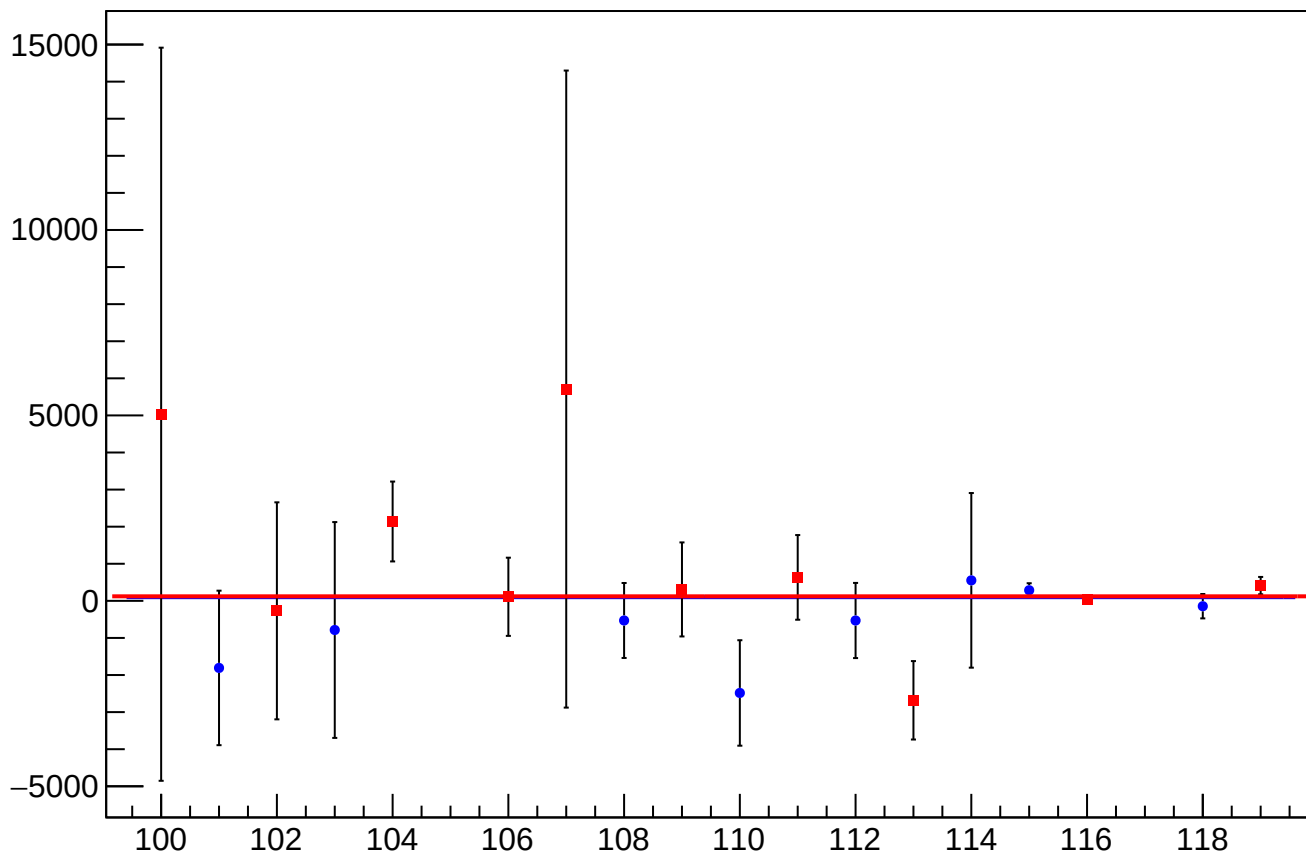
Right: 2446.459+/-0.653 χ^2/NDF : 592756.6/17

In: 2457.848+/-0.988 χ^2/NDF : 473420.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2446.459+/-0.653 χ^2/NDF : 592756.6/17

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 99.189+/-157.703 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.123+/-107.687 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

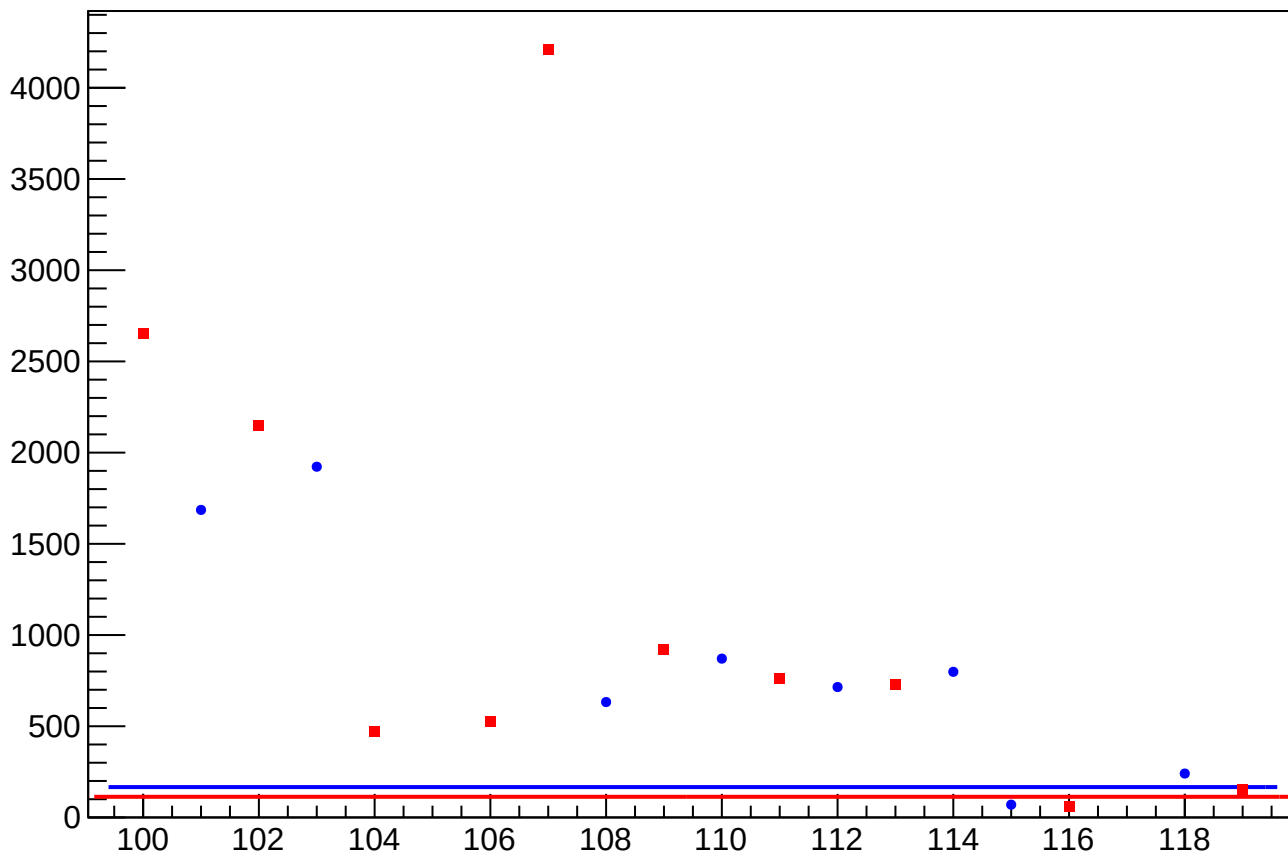
Right: 114.830+/-88.931 χ^2/NDF : 20.0/17

In: 99.189+/-157.703 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.830+/-88.931 χ^2/NDF : 20.0/17

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 166.523+/-0.112 χ^2/NDF : 4060387.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.203+/-0.076 χ^2/NDF : 4623927.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

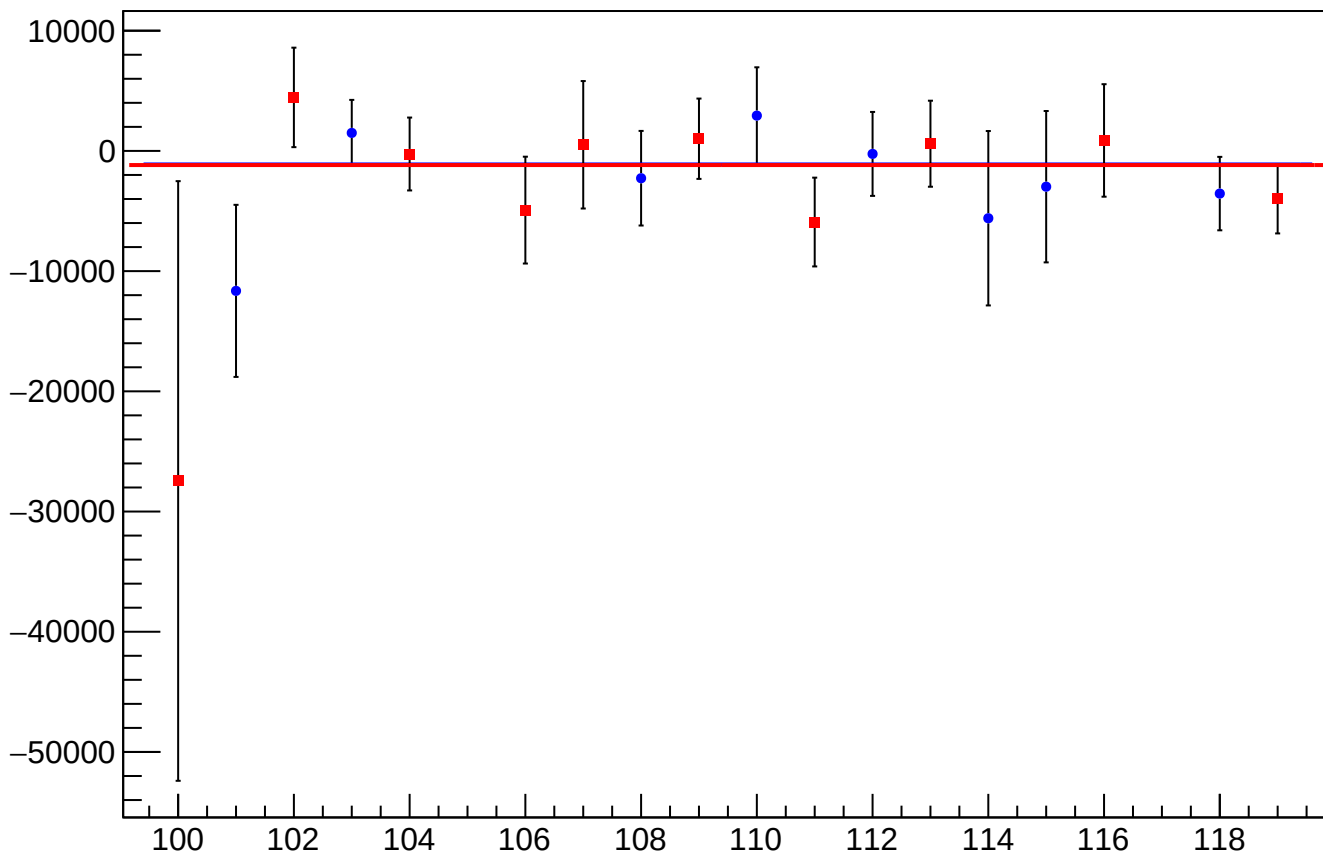
Right: 130.159+/-0.063 χ^2/NDF : 8840236.1/17

In: 166.523+/-0.112 χ^2/NDF :4060387.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 130.159+/-0.063 χ^2/NDF : 8840236.1/17

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1127.004+/-1397.928 χ^2 /NDF: 5.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1176.006+/-1229.088 χ^2 /NDF: 7.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

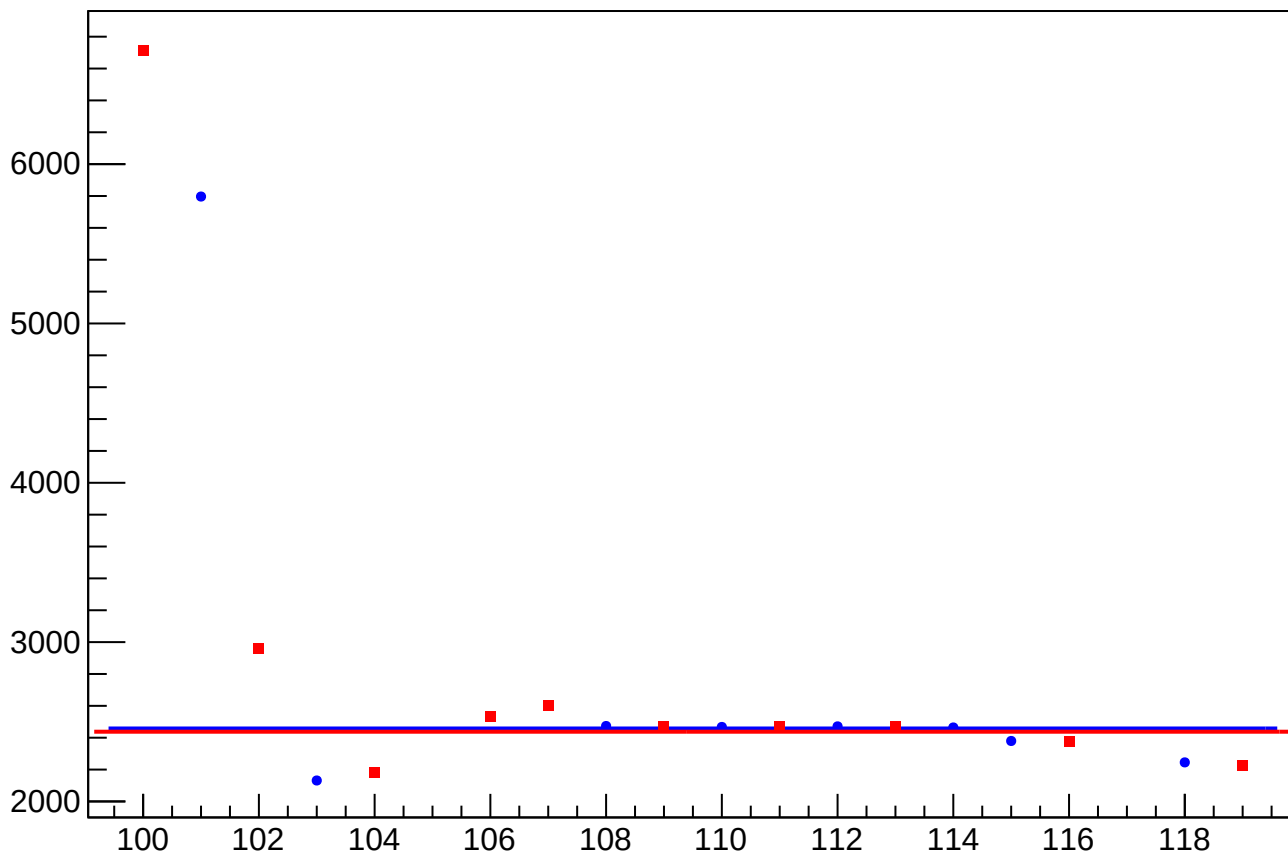
Right: -1154.641+/-923.050 χ^2 /NDF: 12.7/17

In: -1127.004+/-1397.928 χ^2 /NDF:5.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1154.641+/-923.050 χ^2 /NDF: 12.7/17

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2457.848+/-0.988 χ^2/NDF : 473420.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2437.655+/-0.869 χ^2/NDF : 119101.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

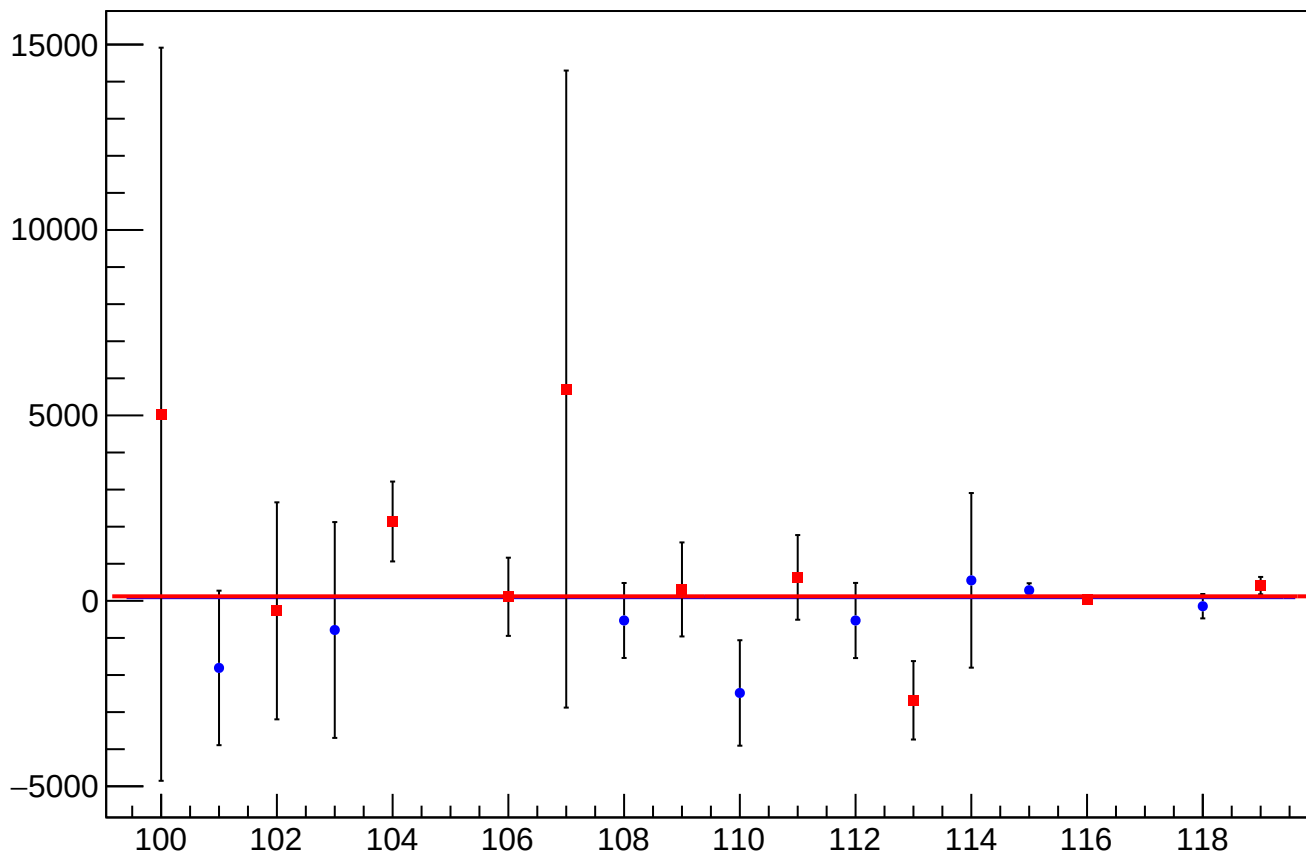
Right: 2446.459+/-0.653 χ^2/NDF : 592756.6/17

In: 2457.848+/-0.988 χ^2/NDF : 473420.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2446.459+/-0.653 χ^2/NDF : 592756.6/17

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 99.189+/-157.703 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.123+/-107.687 χ^2/NDF : 13.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

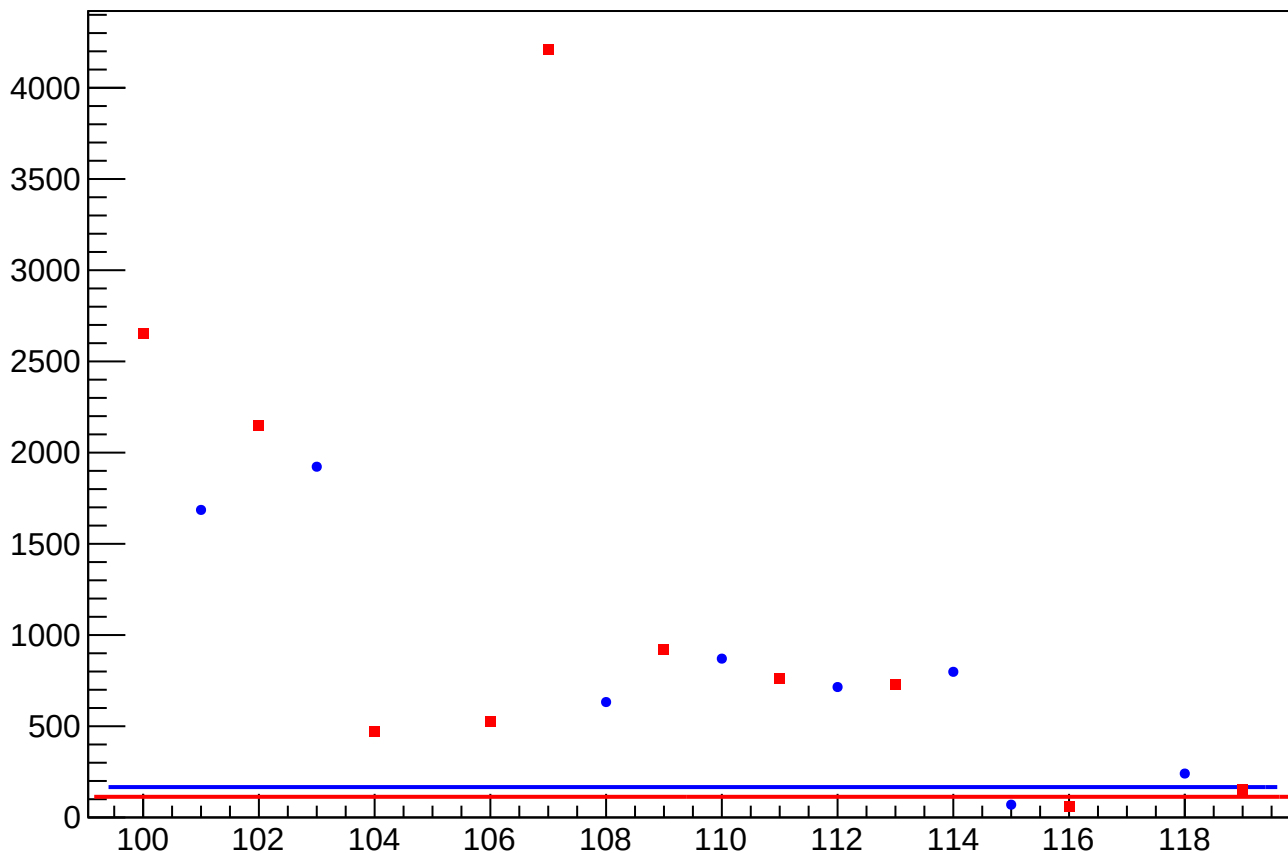
Right: 114.830+/-88.931 χ^2/NDF : 20.0/17

In: 99.189+/-157.703 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.830+/-88.931 χ^2/NDF : 20.0/17

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 166.523+/-0.112 χ^2/NDF : 4060387.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 113.203+/-0.076 χ^2/NDF : 4623927.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

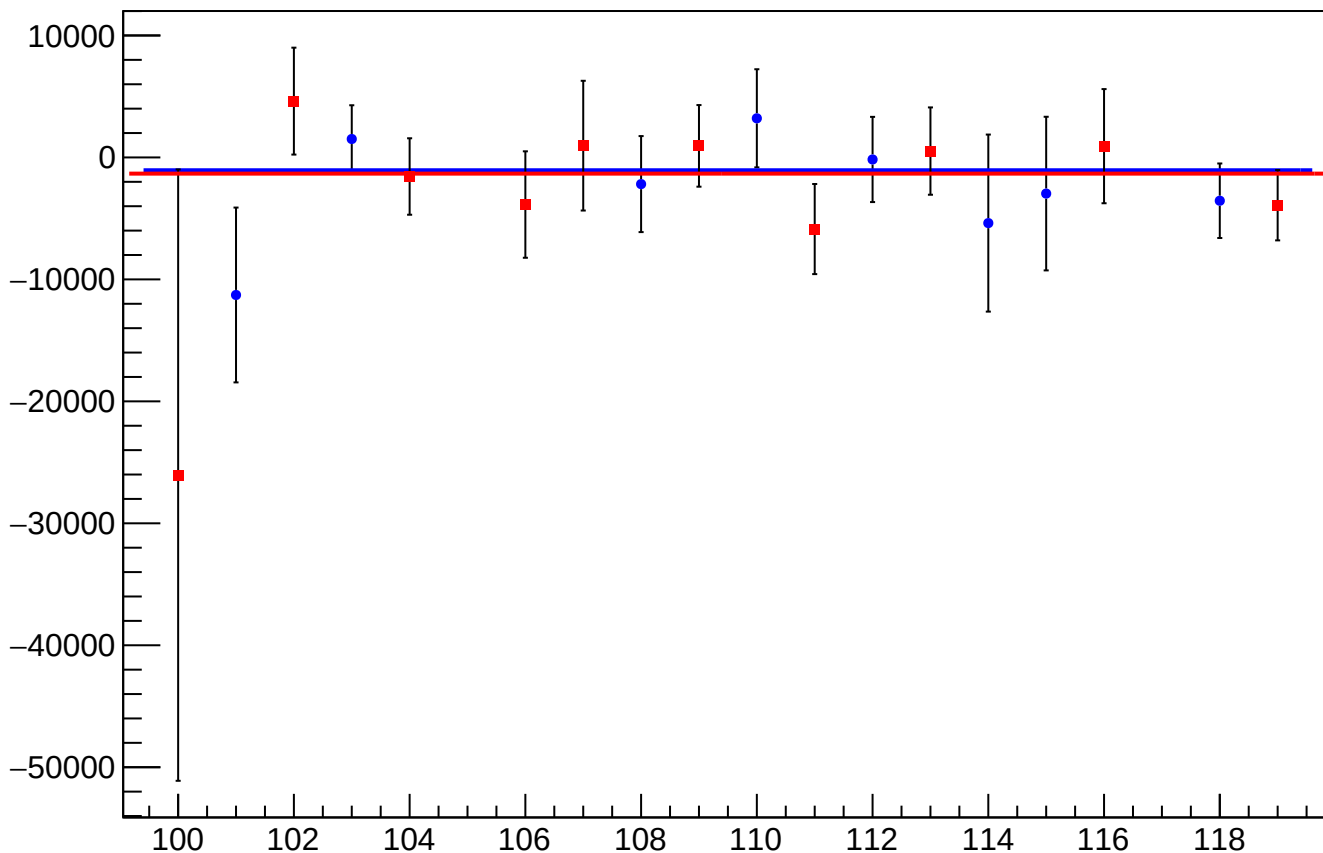
Right: 130.159+/-0.063 χ^2/NDF : 8840236.1/17

In: 166.523+/-0.112 χ^2/NDF :4060387.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 130.159+/-0.063 χ^2/NDF : 8840236.1/17

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1051.510+/-1400.759 χ^2 /NDF: 5.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1327.952+/-1240.664 χ^2 /NDF: 6.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

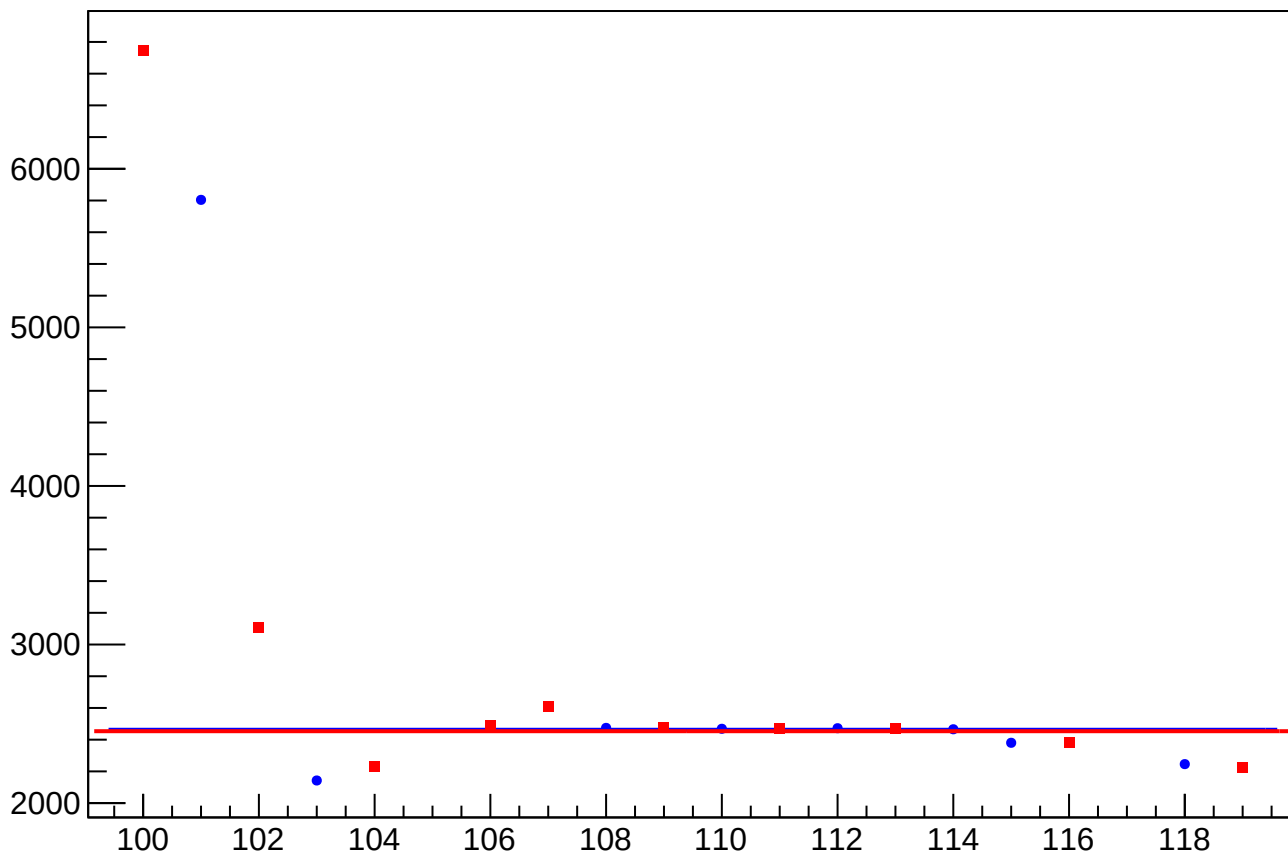
Right: -1206.425+/-928.749 χ^2 /NDF: 11.9/17

In: -1051.510+/-1400.759 χ^2 /NDF:5.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1206.425+/-928.749 χ^2 /NDF: 11.9/17

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2462.443+/-0.990 χ^2/NDF : 471940.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.383+/-0.877 χ^2/NDF : 128594.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

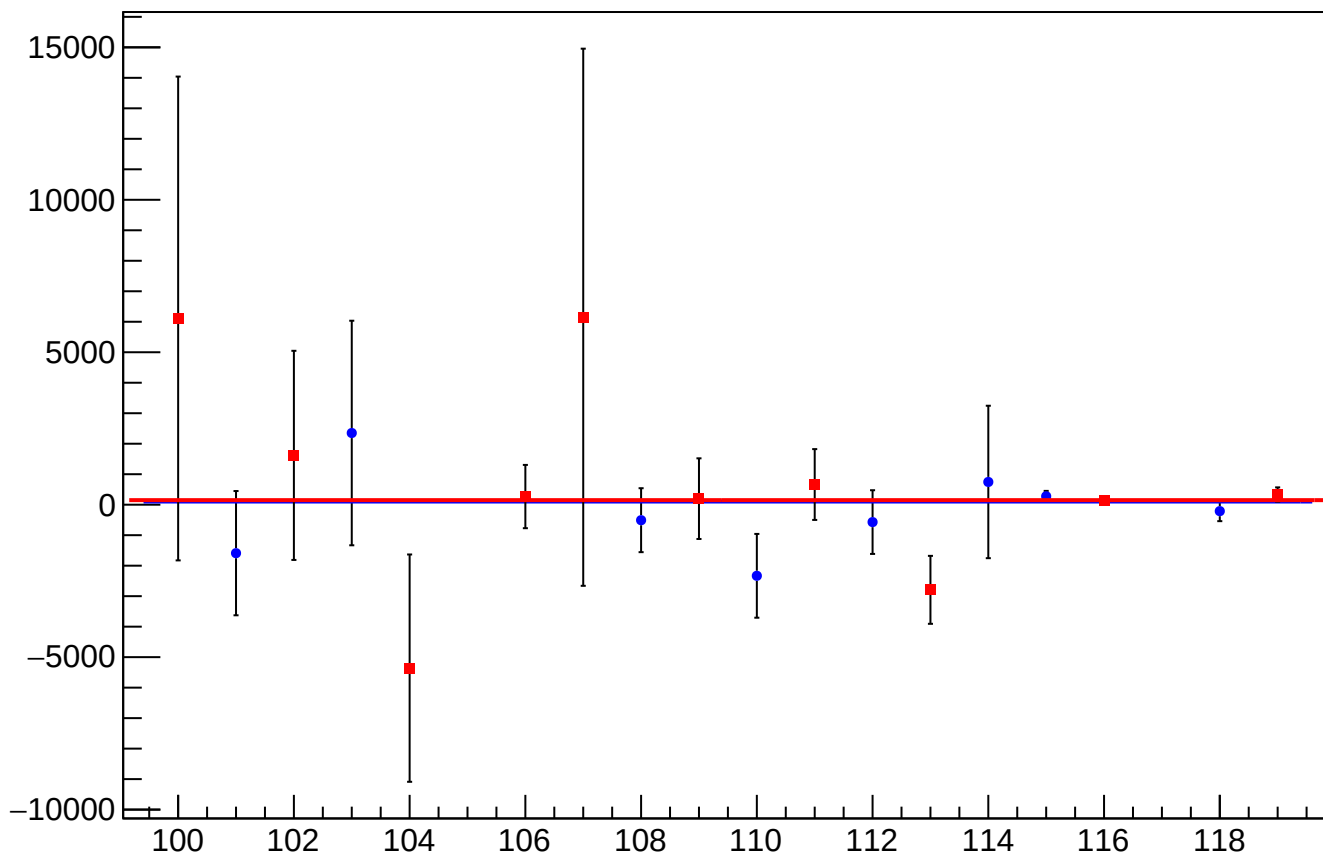
Right: 2457.366+/-0.657 χ^2/NDF : 600581.3/17

In: 2462.443+/-0.990 χ^2/NDF : 471940.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.366+/-0.657 χ^2/NDF : 600581.3/17

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.381+/-150.583 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.176+/-111.905 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

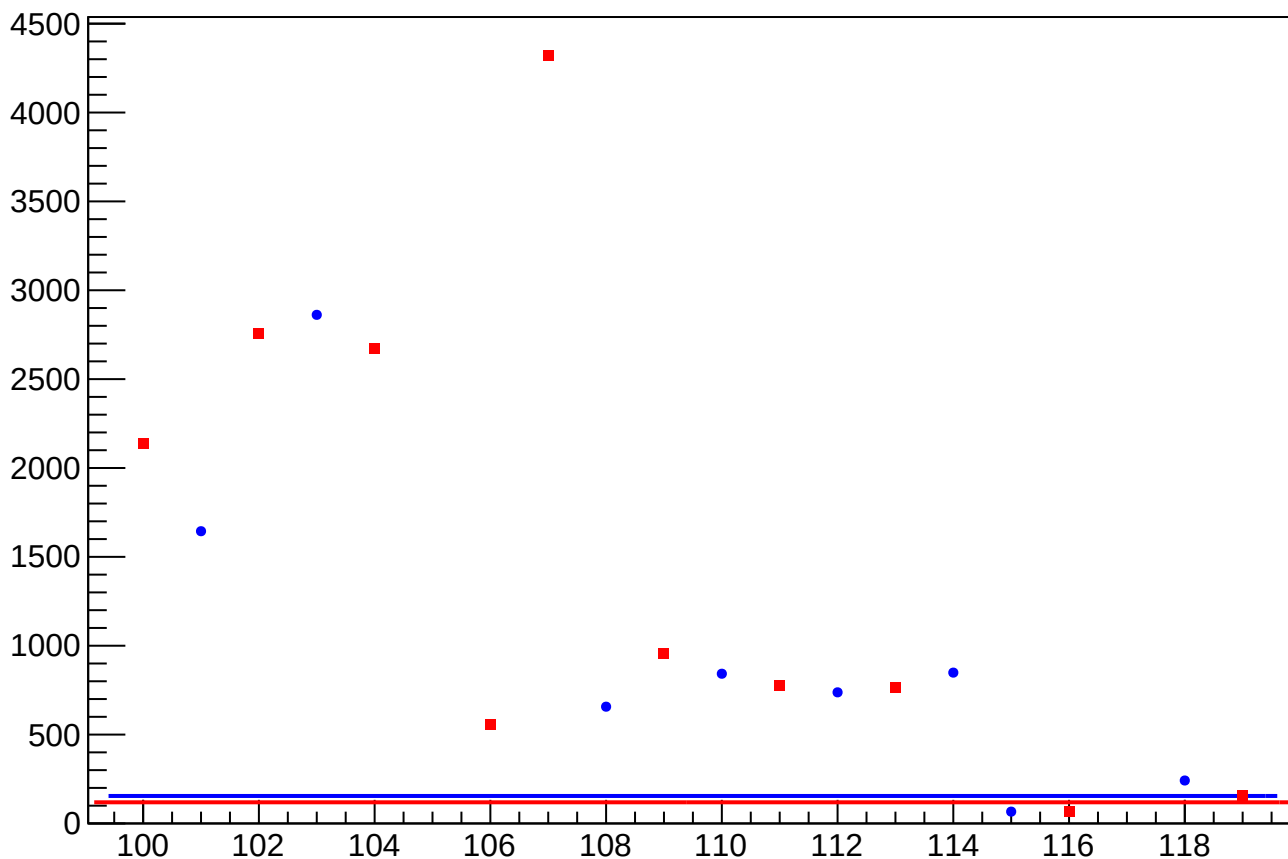
Right: 133.239+/-89.819 χ^2/NDF : 18.2/17

In: 104.381+/-150.583 χ^2/NDF :6.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.239+/-89.819 χ^2/NDF : 18.2/17

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 154.683+/-0.106 χ^2/NDF : 4525300.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.999+/-0.079 χ^2/NDF : 5554016.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

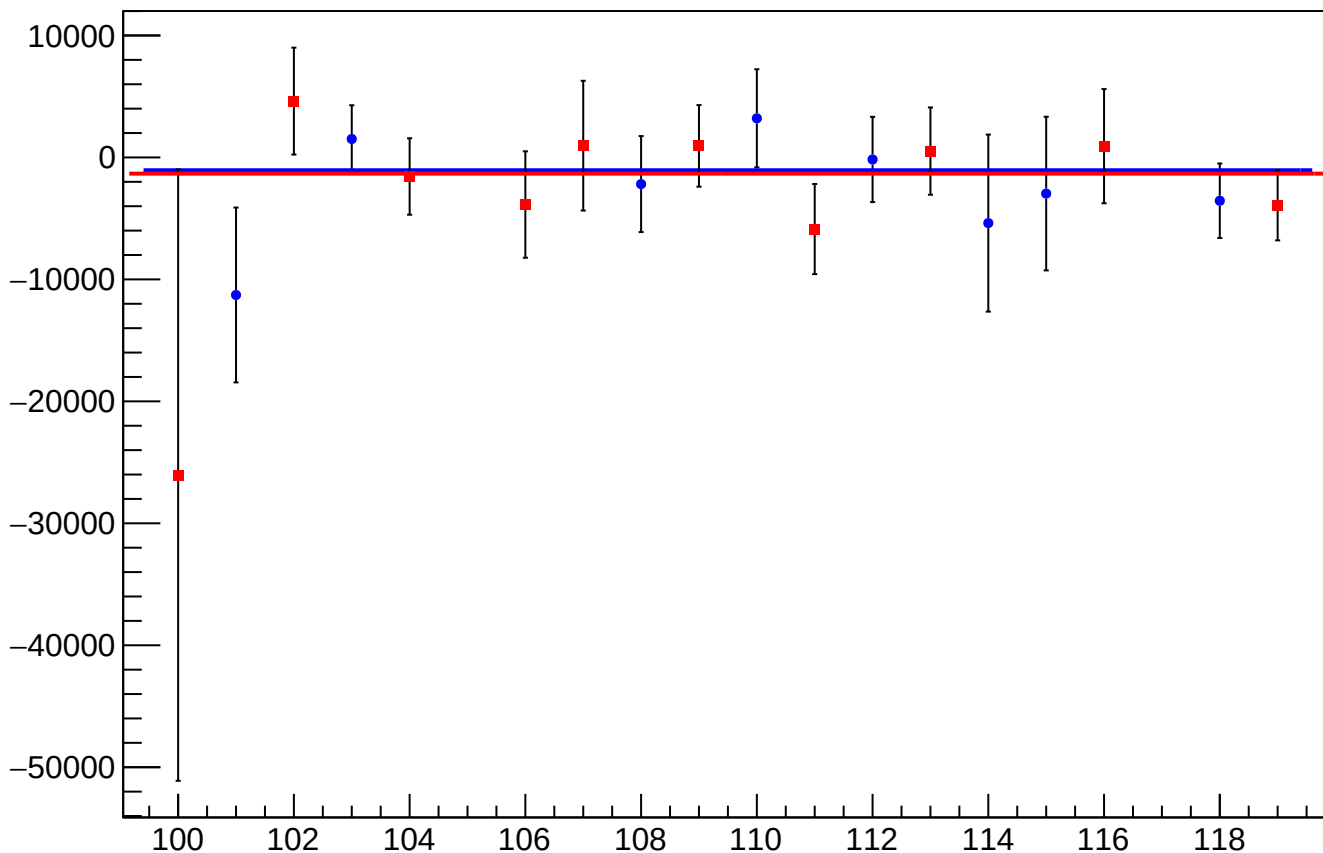
Right: 131.694+/-0.064 χ^2/NDF : 10151669.2/17

In: 154.683+/-0.106 χ^2/NDF : 4525300.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.694+/-0.064 χ^2/NDF : 10151669.2/17

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1051.513+/-1400.759 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1327.956+/-1240.663 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

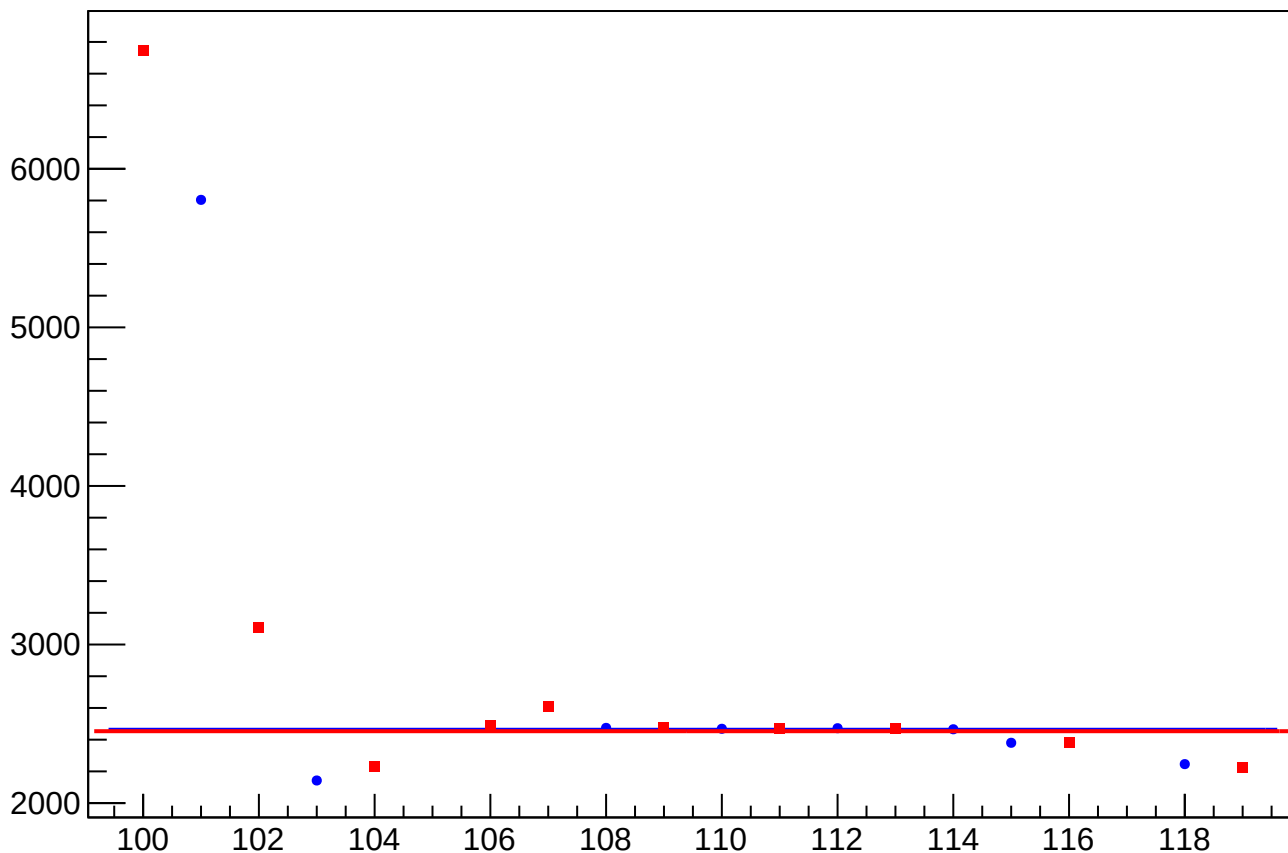
Right: -1206.428+/-928.749 χ^2/NDF : 11.9/17

In: -1051.513+/-1400.759 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1206.428+/-928.749 χ^2/NDF : 11.9/17

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2462.443+/-0.990 χ^2/NDF : 471940.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2453.383+/-0.877 χ^2/NDF : 128594.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

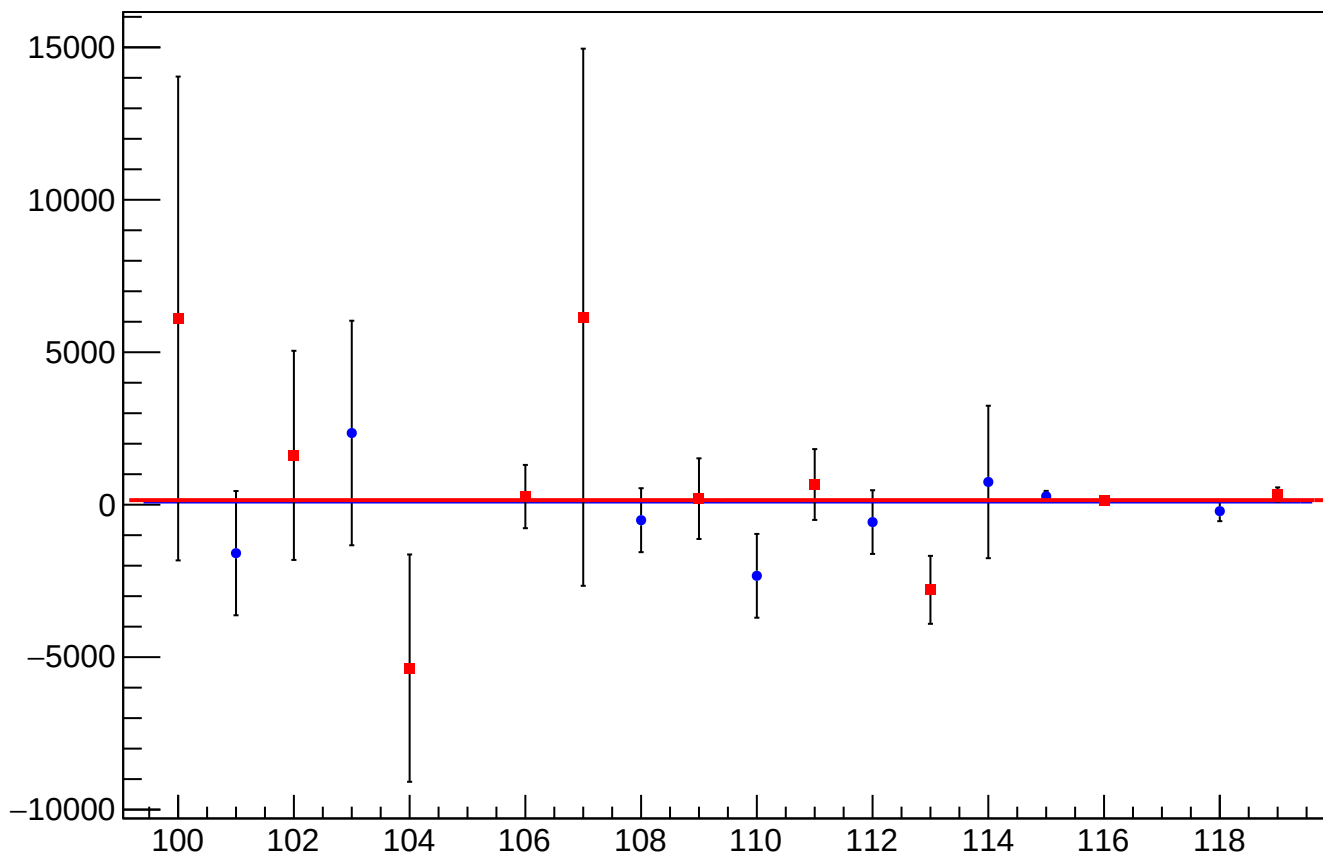
Right: 2457.366+/-0.657 χ^2/NDF : 600581.3/17

In: 2462.443+/-0.990 χ^2/NDF : 471940.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2457.366+/-0.657 χ^2/NDF : 600581.3/17

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 104.380+/-150.580 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.175+/-111.903 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

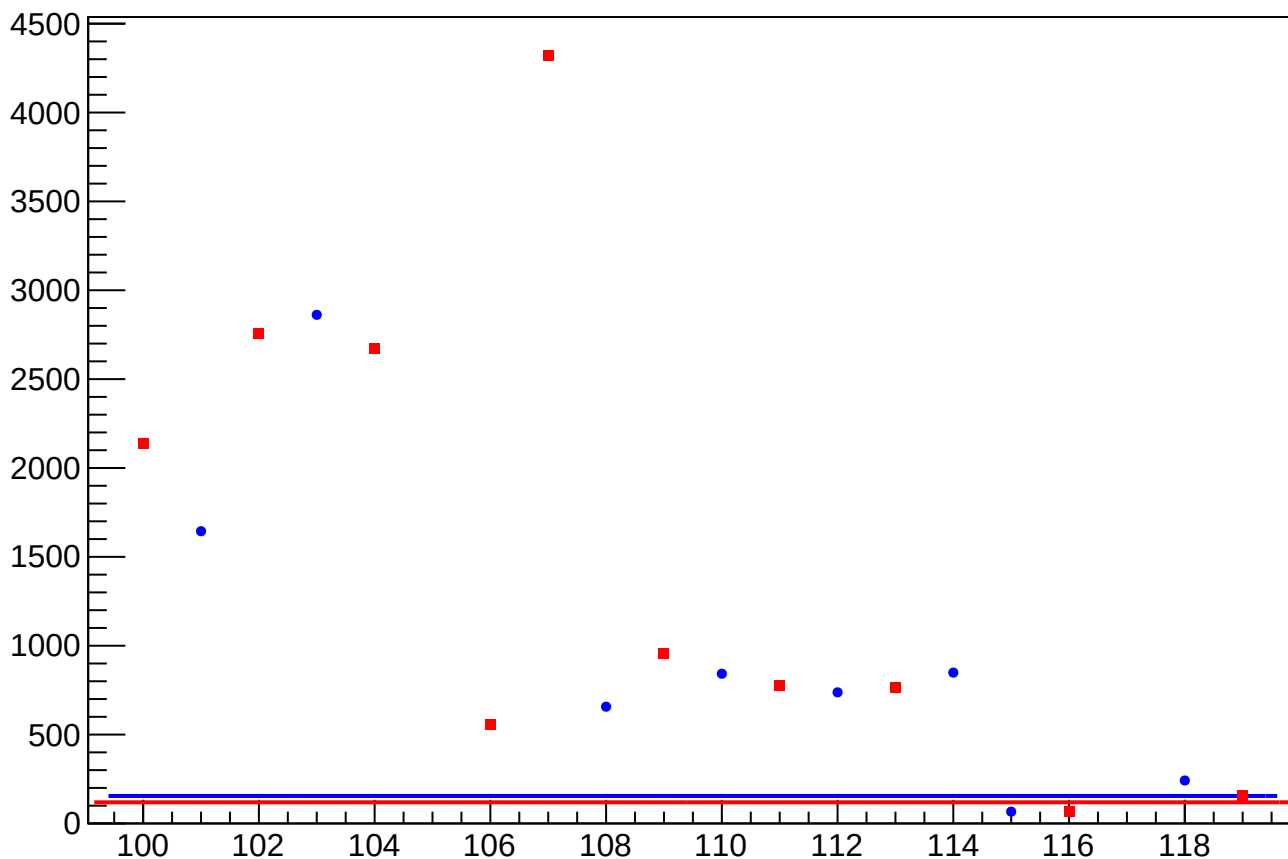
Right: 133.238+/-89.817 χ^2/NDF : 18.2/17

In: 104.380+/-150.580 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.238+/-89.817 χ^2/NDF : 18.2/17

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 154.678+/-0.106 χ^2/NDF : 4525338.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.996+/-0.079 χ^2/NDF : 5554049.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

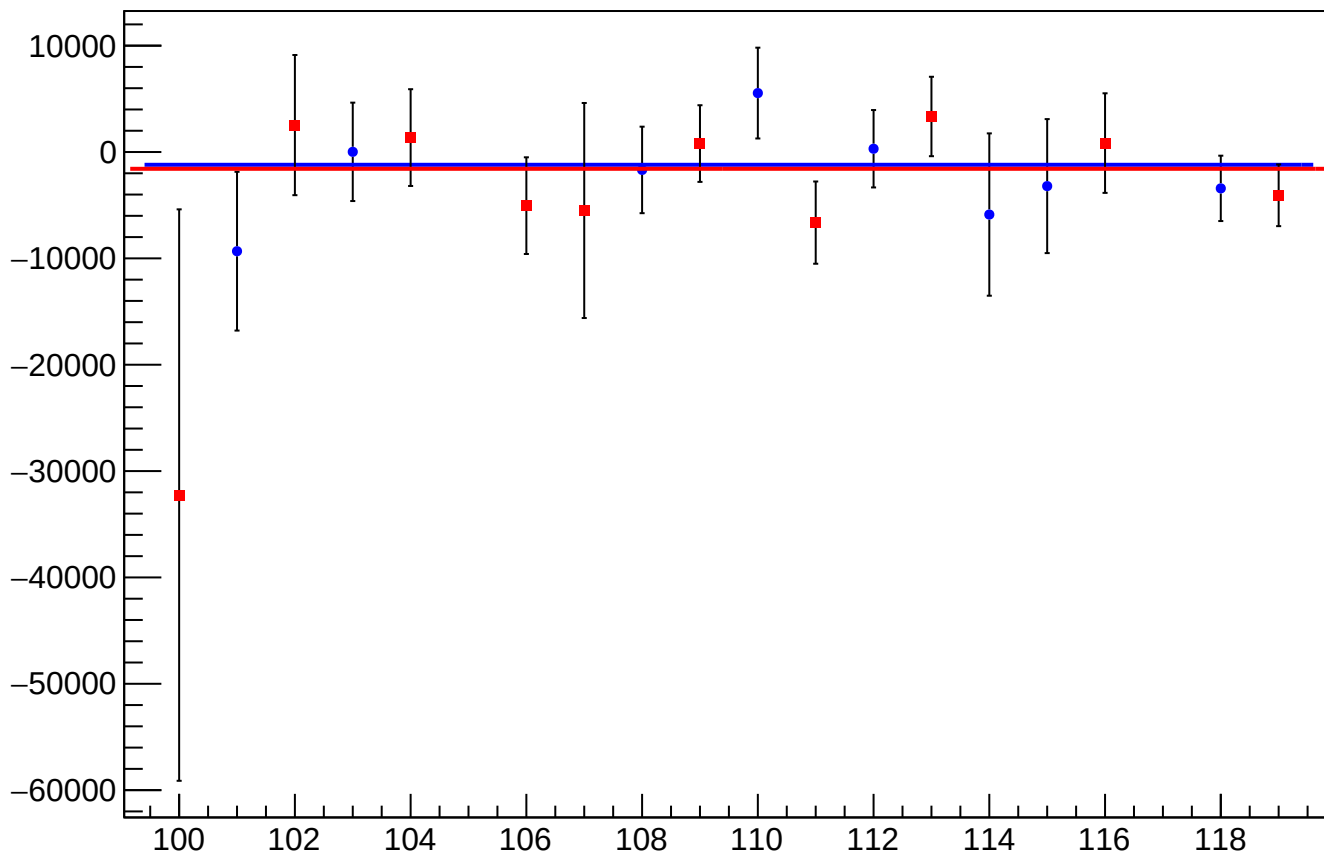
Right: 131.691+/-0.064 χ^2/NDF : 10151735.5/17

In: 154.678+/-0.106 χ^2/NDF : 4525338.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.691+/-0.064 χ^2/NDF : 10151735.5/17

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1200.648+/-1573.749 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1578.561+/-1399.139 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

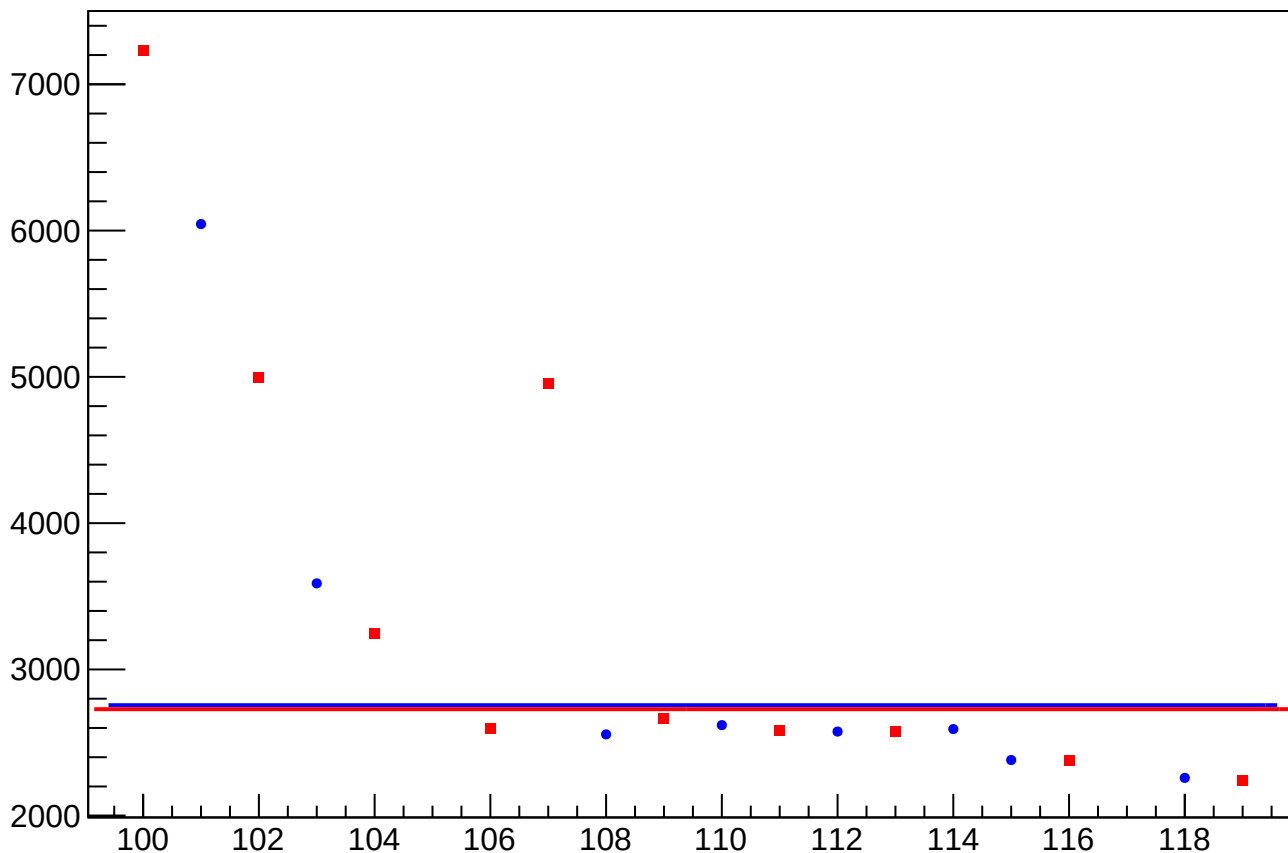
Right: -1411.724+/-1045.647 χ^2/NDF : 12.7/17

In: -1200.648+/-1573.749 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1411.724+/-1045.647 χ^2/NDF : 12.7/17

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2755.528+/-1.113 χ^2/NDF : 525295.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2728.380+/-0.989 χ^2/NDF : 492684.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

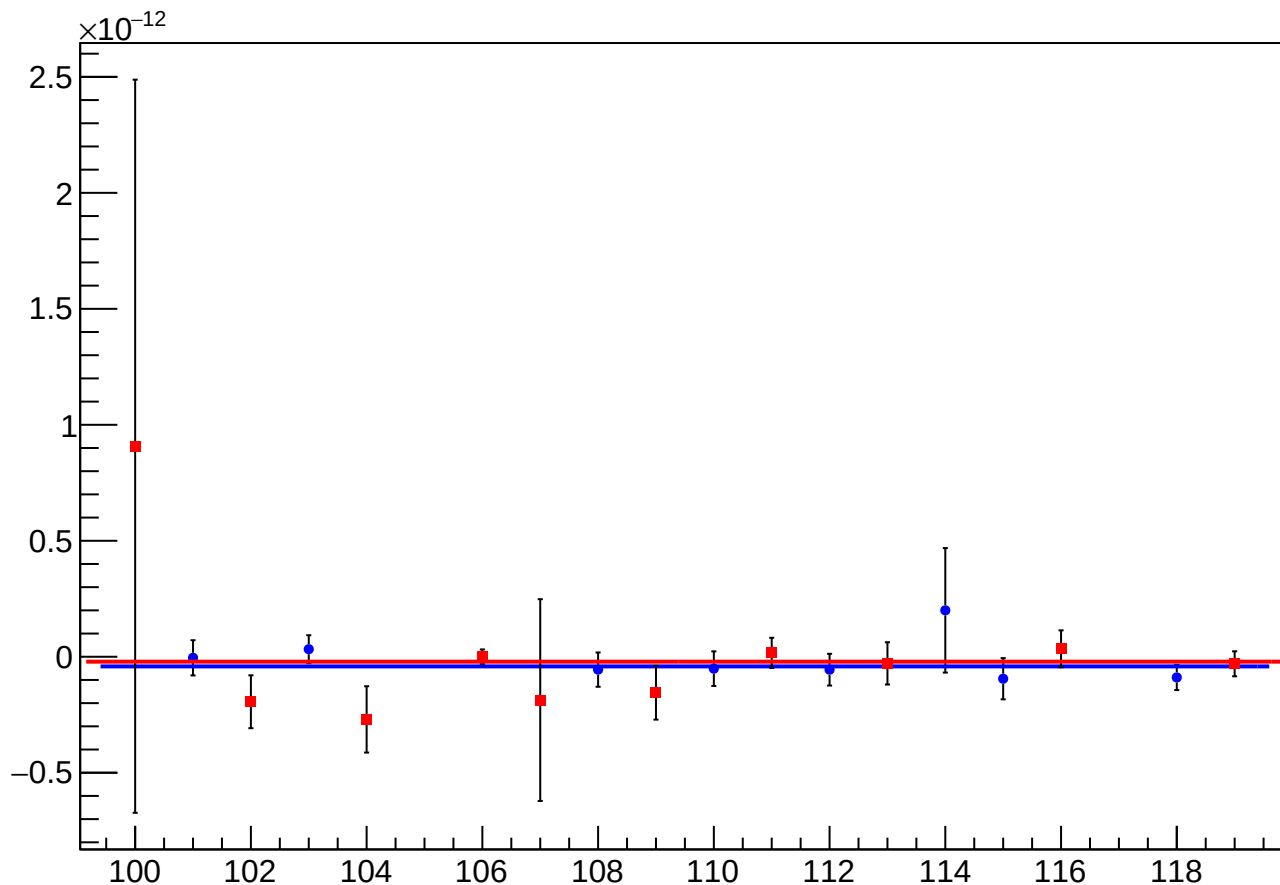
Right: 2740.365+/-0.739 χ^2/NDF : 1018312.8/17

In: 2755.528+/-1.113 χ^2/NDF : 525295.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2740.365+/-0.739 χ^2/NDF : 1018312.8/17

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

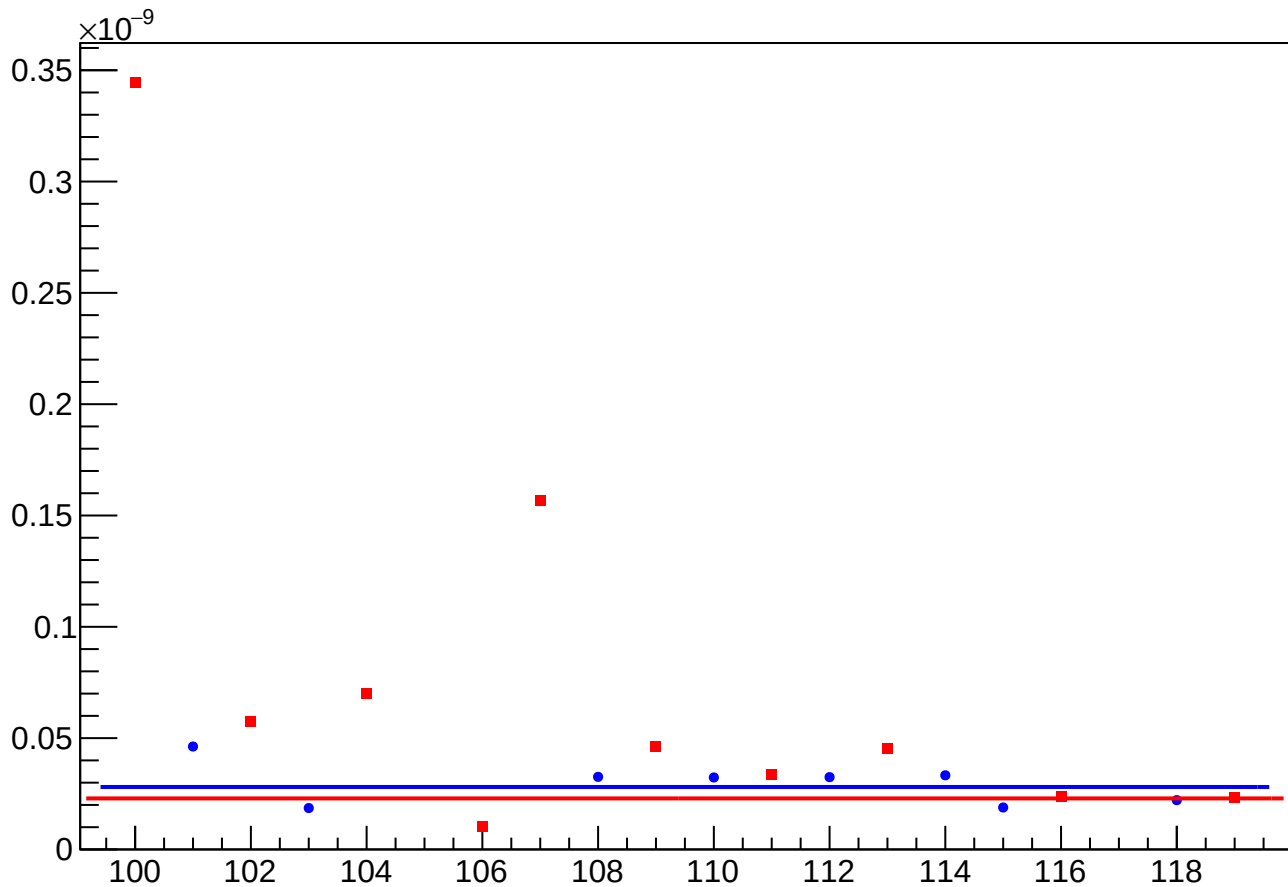
Right: -0.000+/-0.000 χ^2/NDF : 12.6/17

In: -0.000+/-0.000 χ^2/NDF :3.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/17

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 232061.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1252227.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

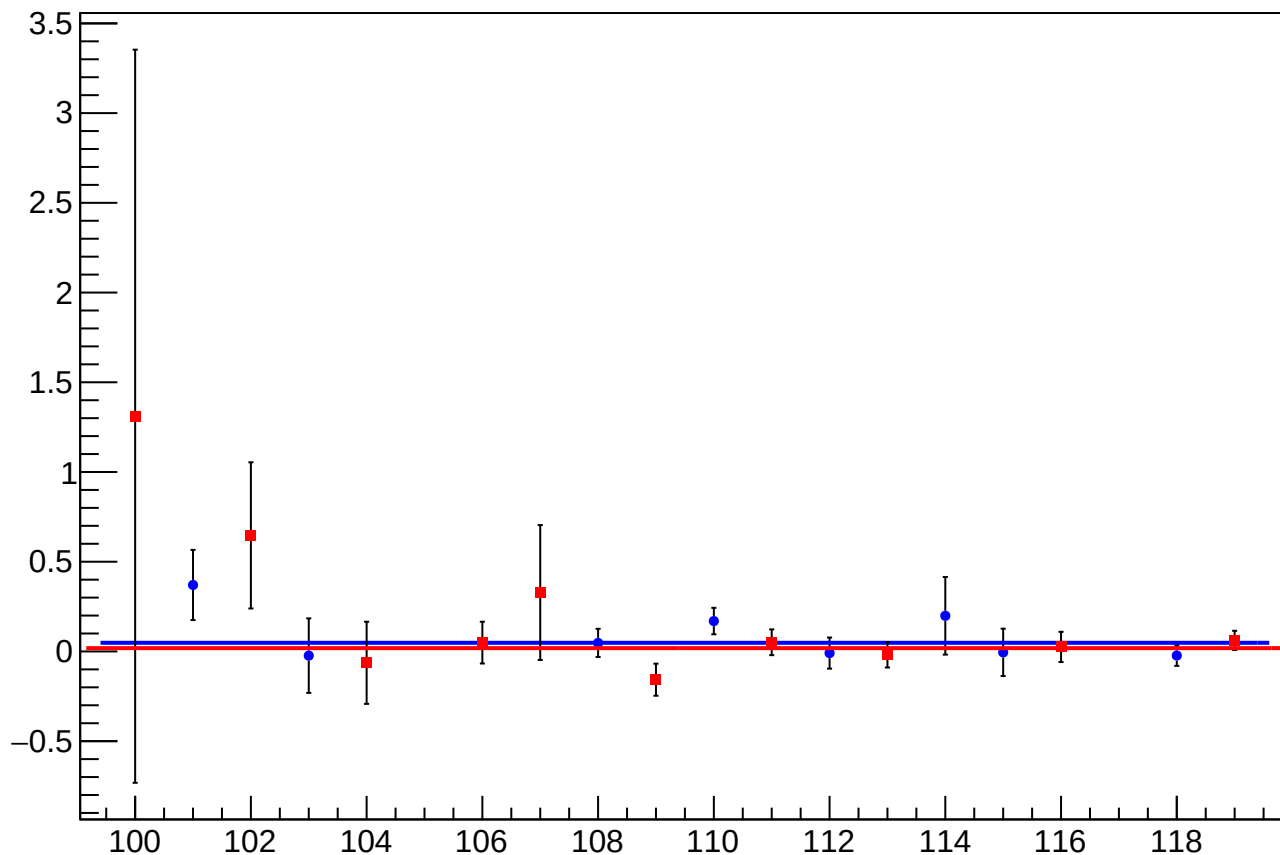
Right: 0.000+/-0.000 χ^2/NDF : 1530480.8/17

In: 0.000+/-0.000 χ^2/NDF : 232061.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1530480.8/17

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

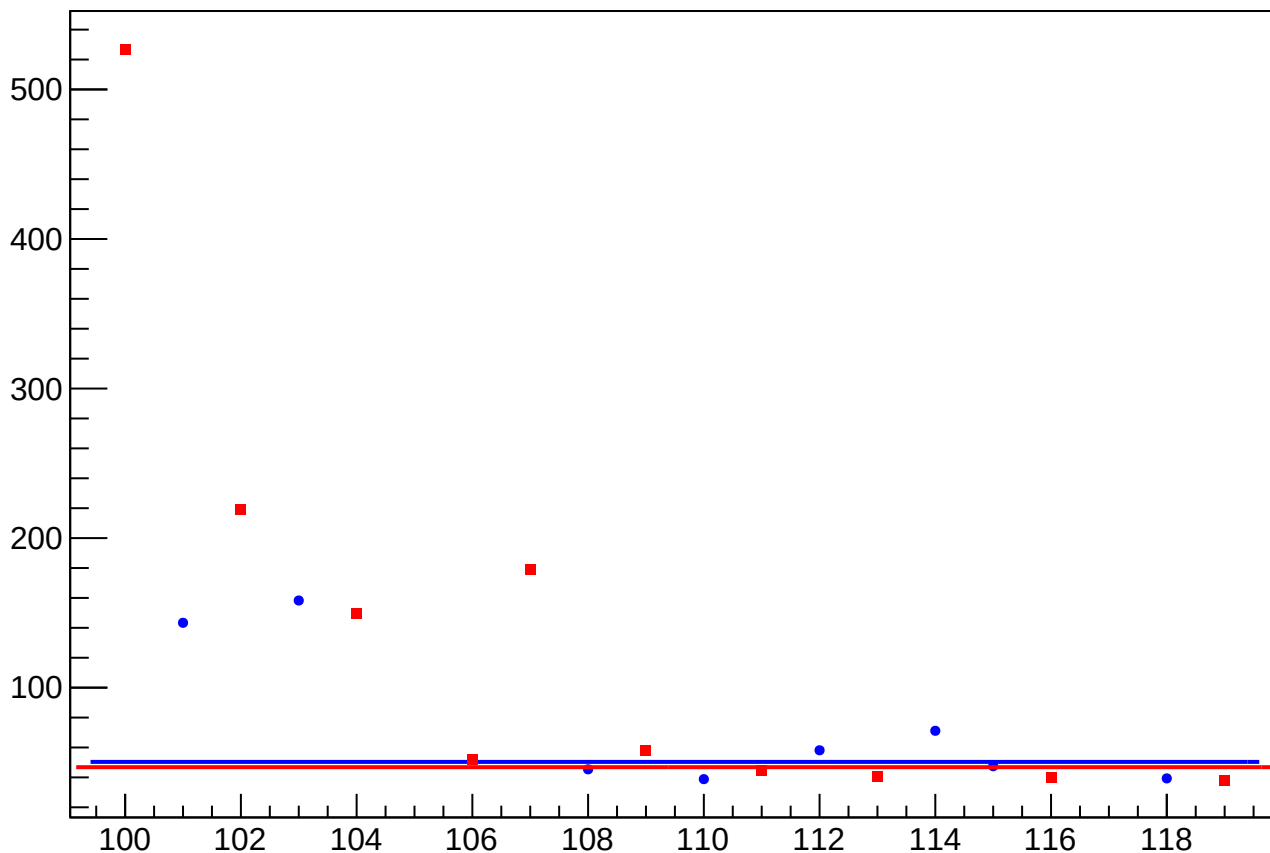
Right: 0.032+/-0.022 χ^2/NDF : 17.3/17

In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.022 χ^2/NDF : 17.3/17

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.356+/-0.023 χ^2/NDF : 1159076.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.021 χ^2/NDF : 1240661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

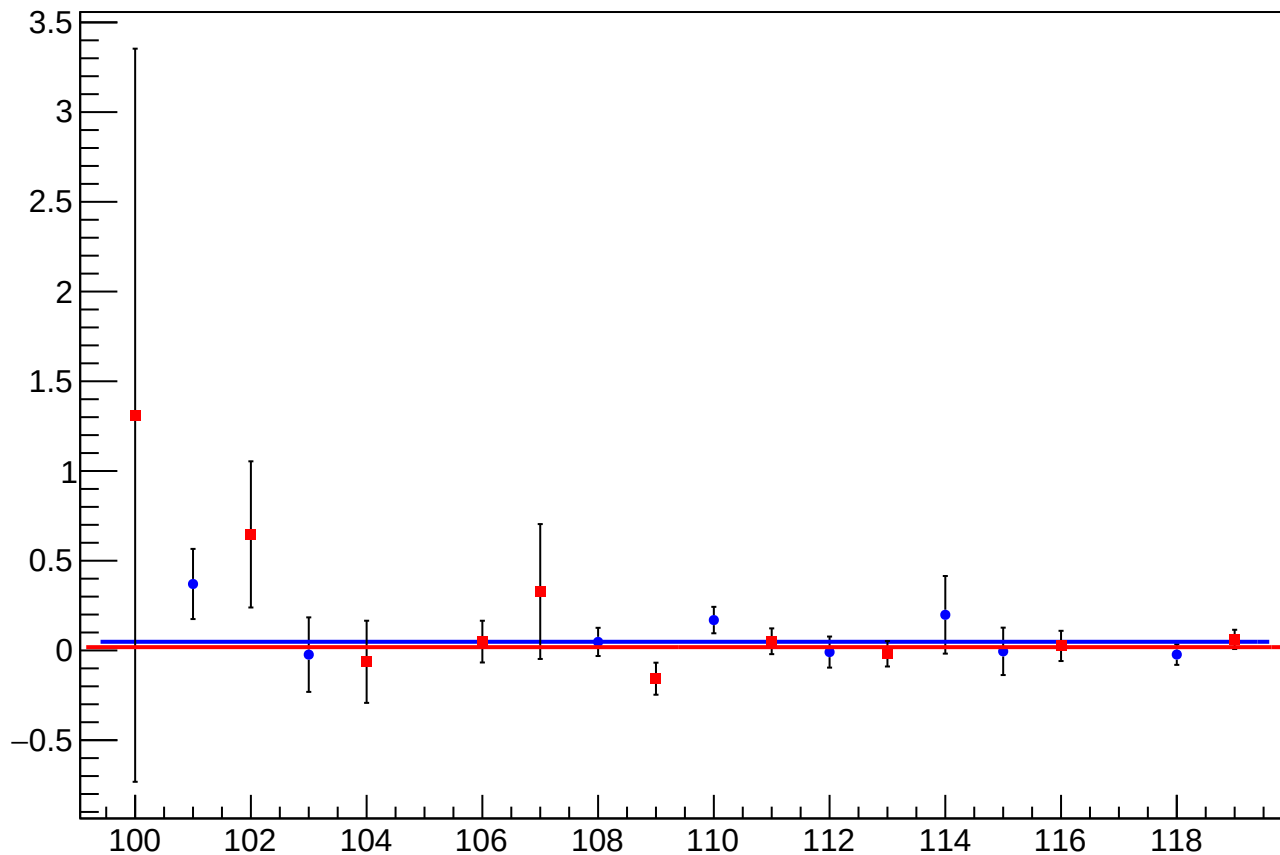
Right: 48.410+/-0.016 χ^2/NDF : 2412244.6/17

In: 50.356+/-0.023 χ^2/NDF : 1159076.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.410+/-0.016 χ^2/NDF : 2412244.6/17

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

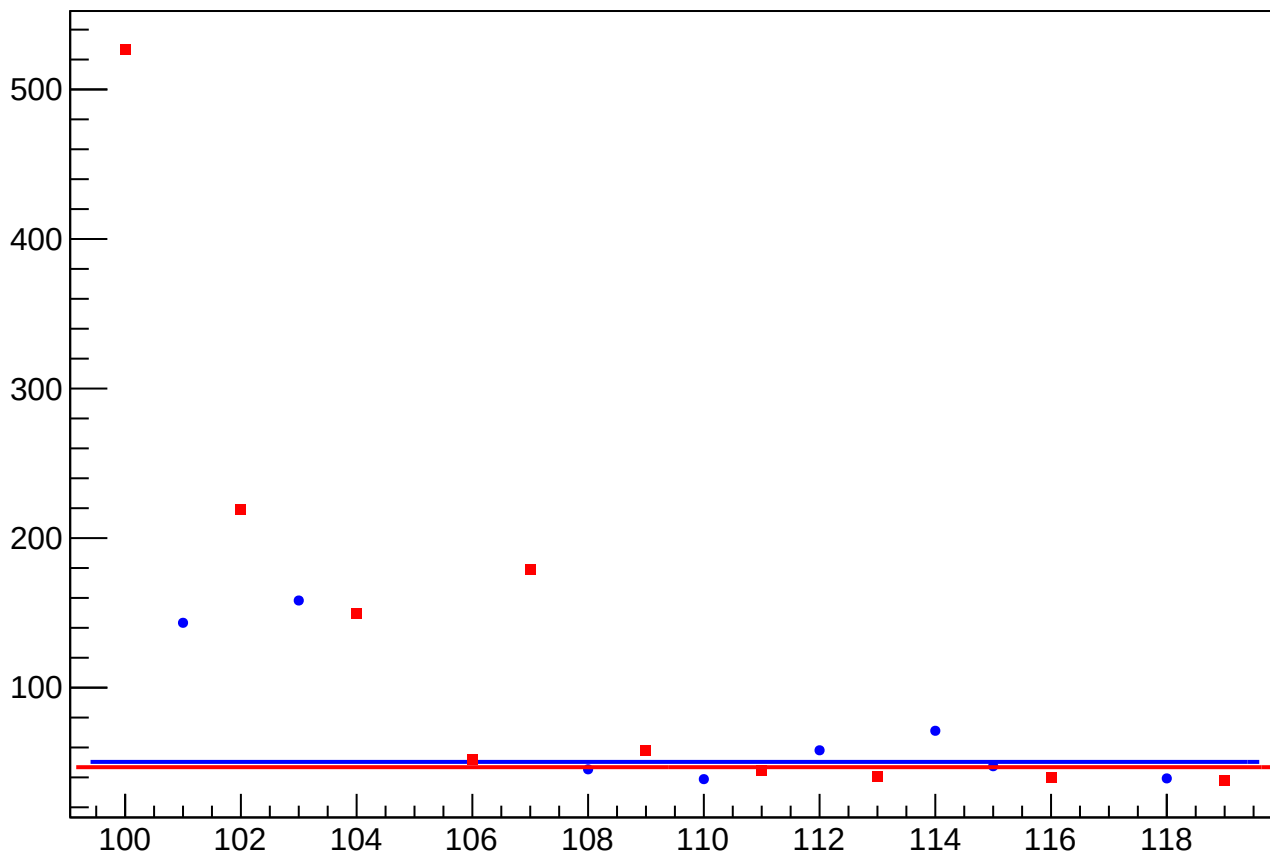
Right: 0.032+/-0.022 χ^2/NDF : 17.3/17

In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.022 χ^2/NDF : 17.3/17

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.356+/-0.023 χ^2/NDF : 1159076.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.822+/-0.021 χ^2/NDF : 1240661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

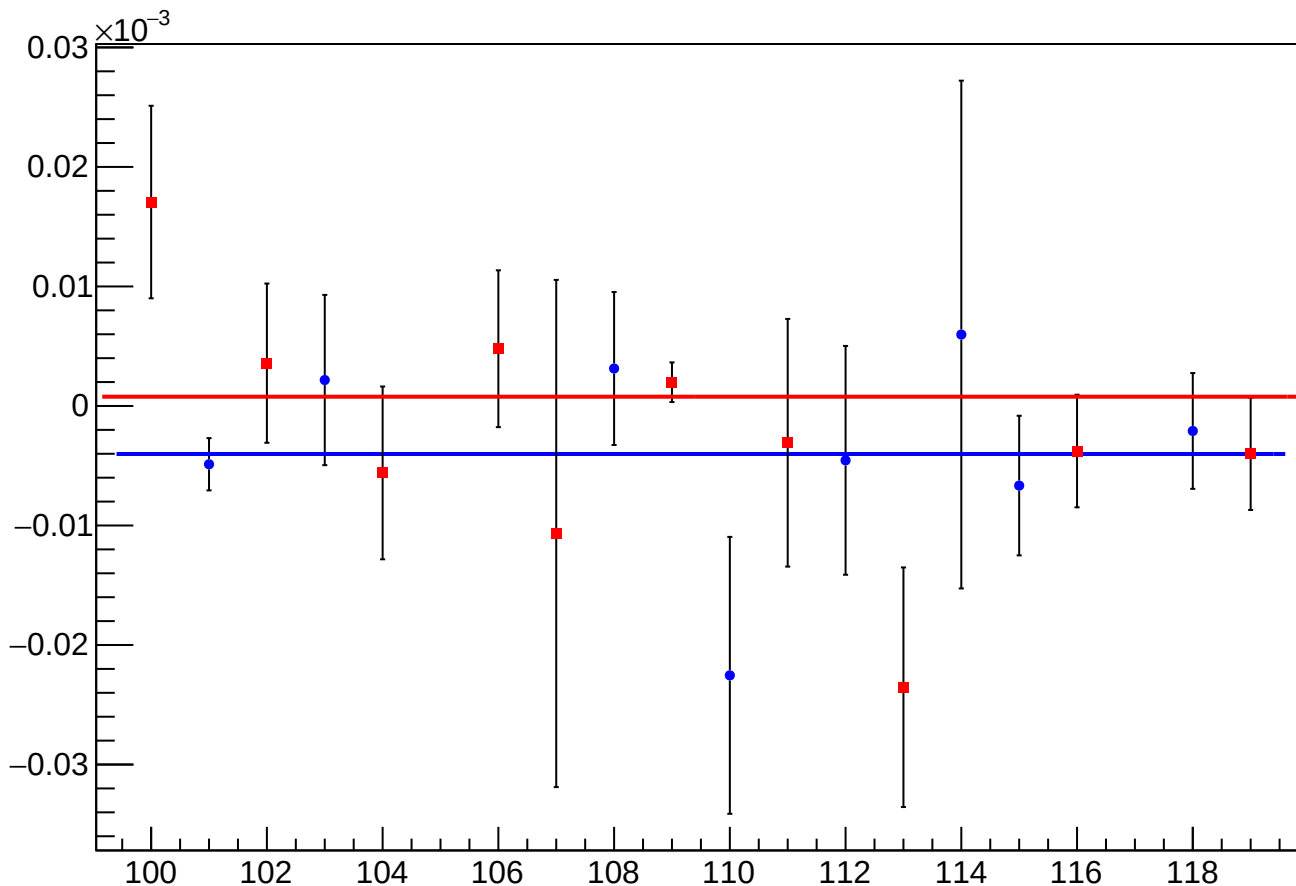
Right: 48.410+/-0.016 χ^2/NDF : 2412244.6/17

In: 50.356+/-0.023 χ^2/NDF : 1159076.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.410+/-0.016 χ^2/NDF : 2412244.6/17

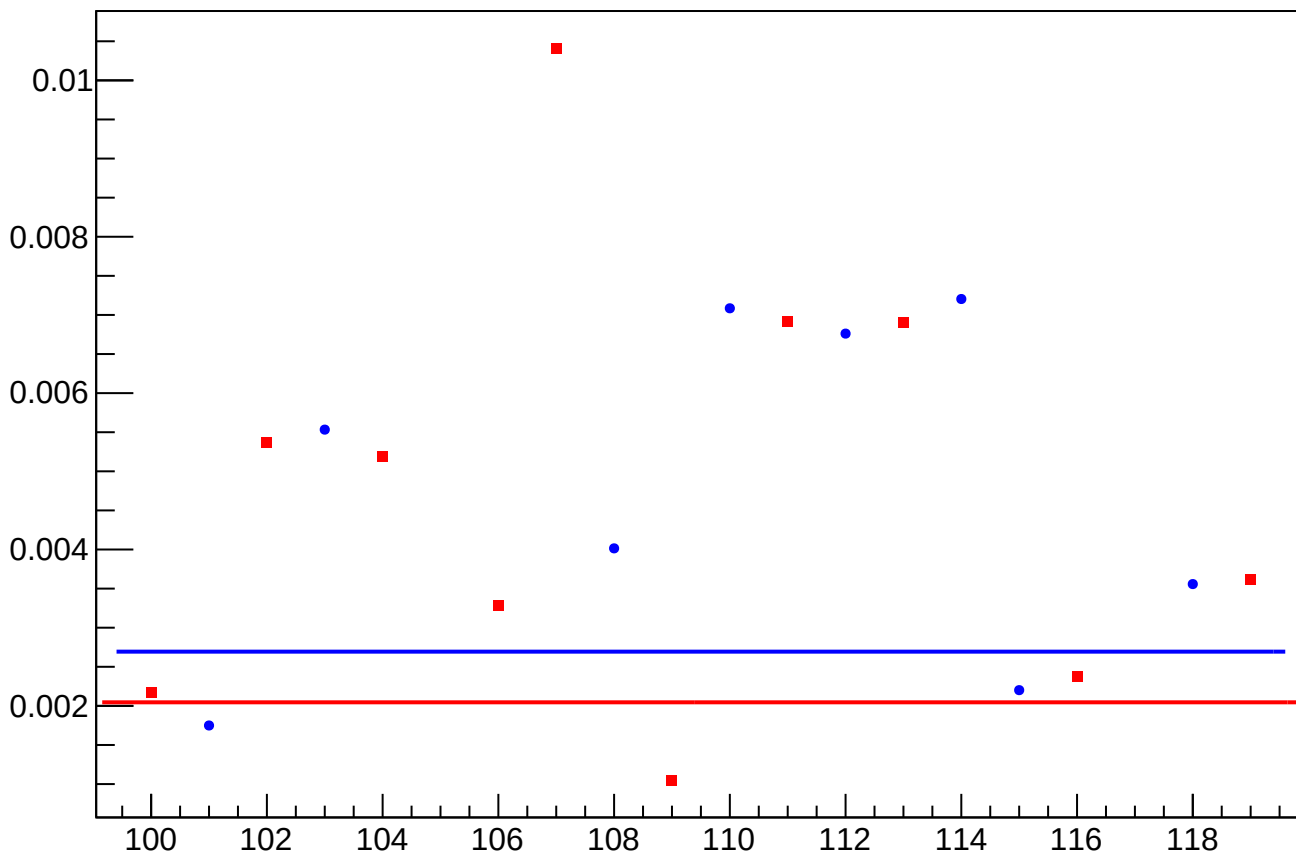
asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 14.2/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.000+/-0.000 χ^2/NDF : 24.4/17
 In: -0.000+/-0.000 χ^2/NDF :5.3/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -0.000+/-0.000 χ^2/NDF : 24.4/17

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1593128.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3134868.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

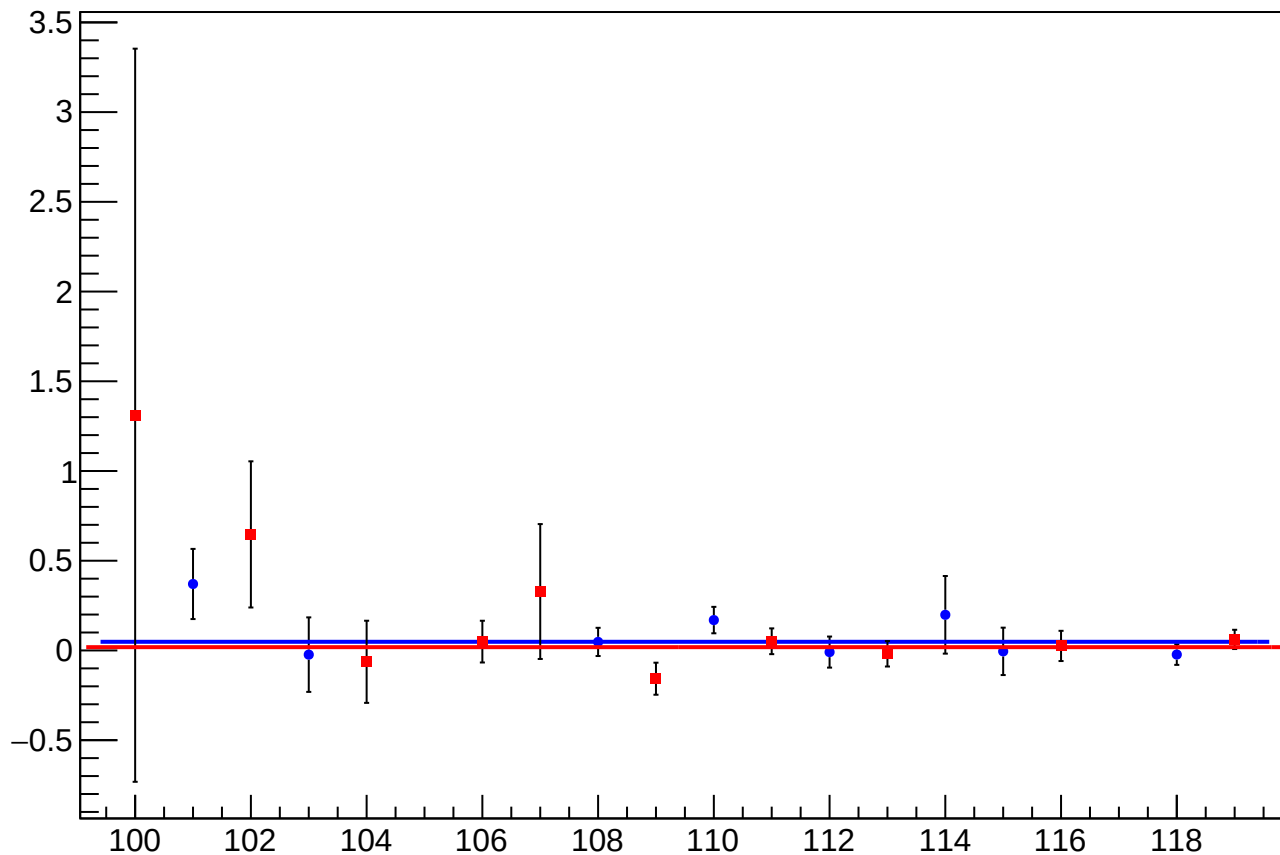
Right: 0.002+/-0.000 χ^2/NDF : 4907133.1/17

In: 0.003+/-0.000 χ^2/NDF :1593128.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4907133.1/17

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.033 χ^2 /NDF: 8.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.030 χ^2 /NDF: 8.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

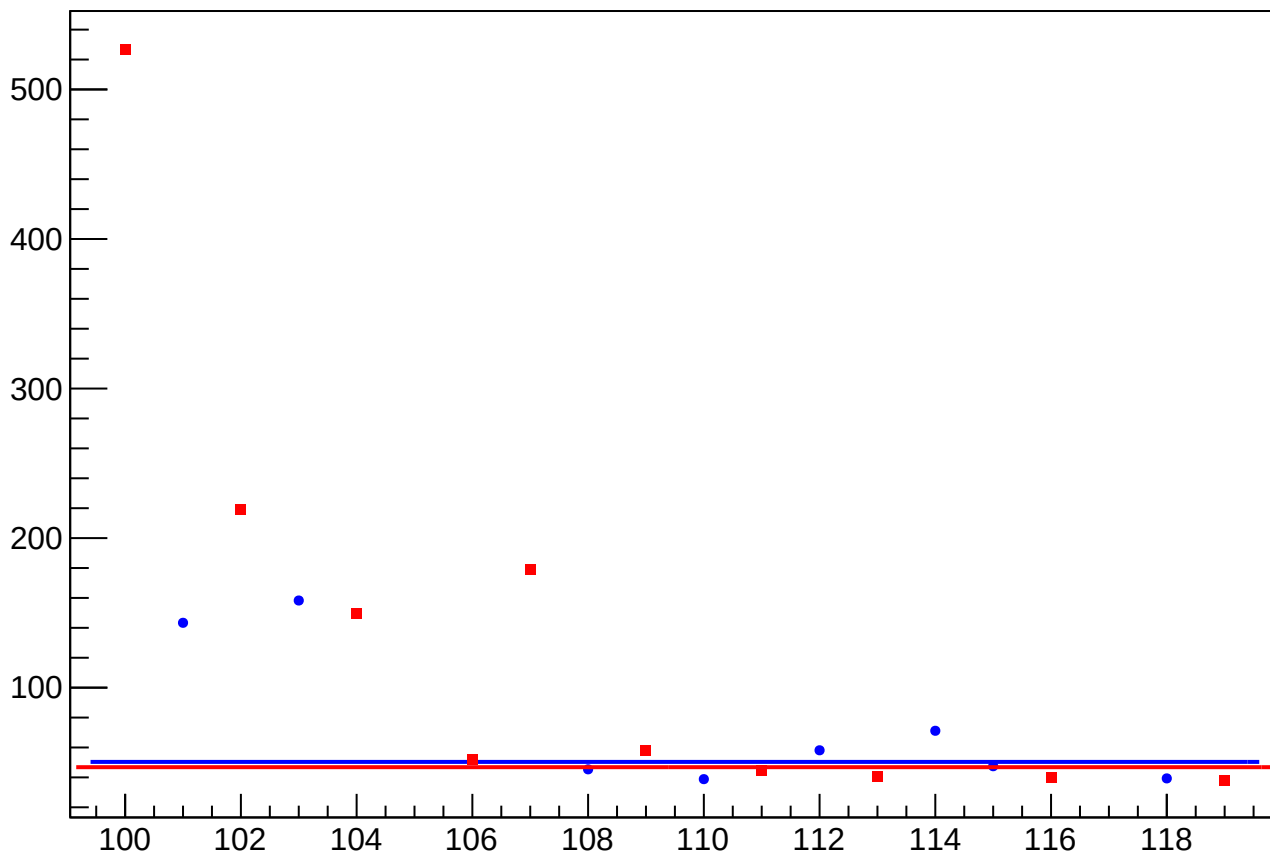
Right: 0.032 $\pm$ 0.022 χ^2 /NDF: 17.3/17

In: 0.048 $\pm$ 0.033 χ^2 /NDF:8.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.032 $\pm$ 0.022 χ^2 /NDF: 17.3/17

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.355+/-0.023 χ^2/NDF : 1159114.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.021 χ^2/NDF : 1240599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

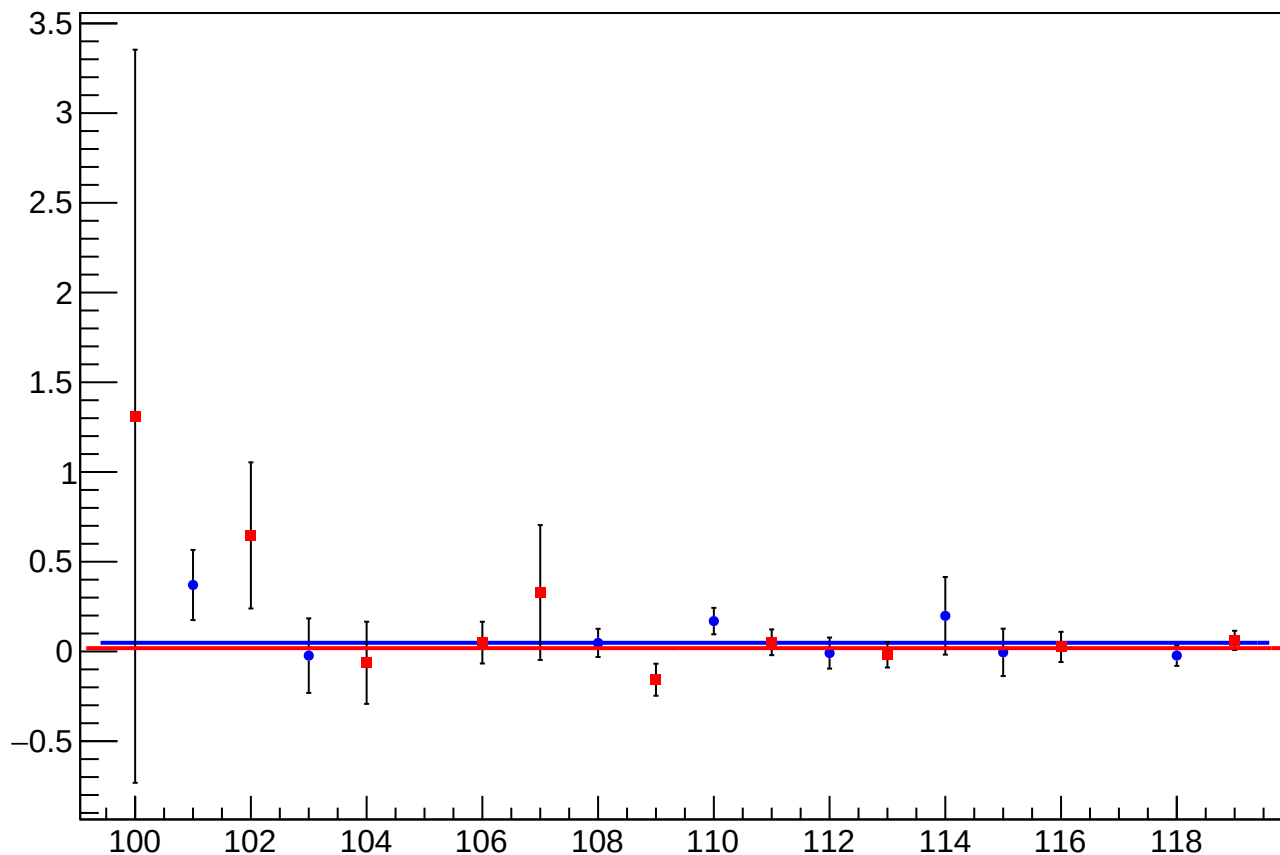
Right: 48.411+/-0.016 χ^2/NDF : 2412203.5/17

In: 50.355+/-0.023 χ^2/NDF : 1159114.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.411+/-0.016 χ^2/NDF : 2412203.5/17

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.030 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

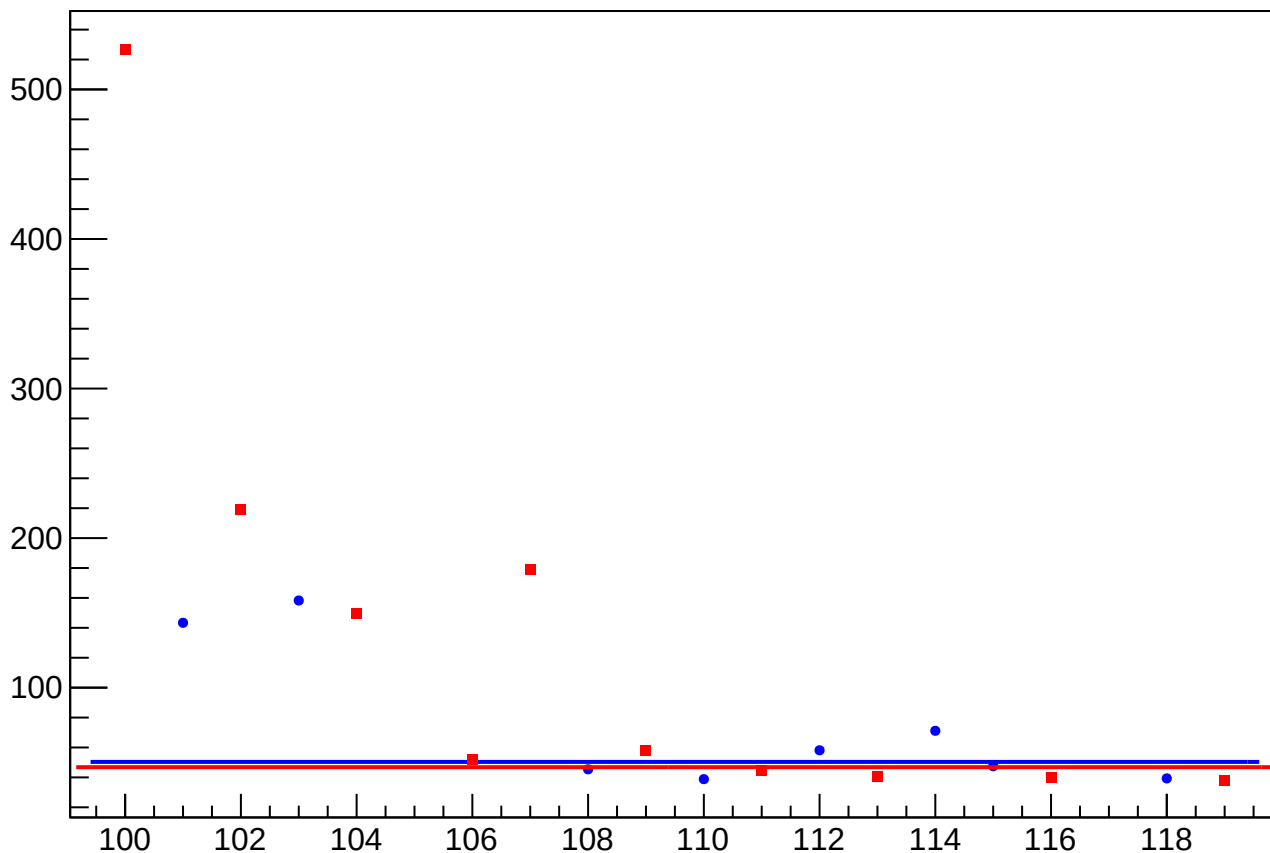
Right: 0.032+/-0.022 χ^2/NDF : 17.3/17

In: 0.048+/-0.033 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.022 χ^2/NDF : 17.3/17

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.355+/-0.023 χ^2/NDF : 1159114.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.824+/-0.021 χ^2/NDF : 1240599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

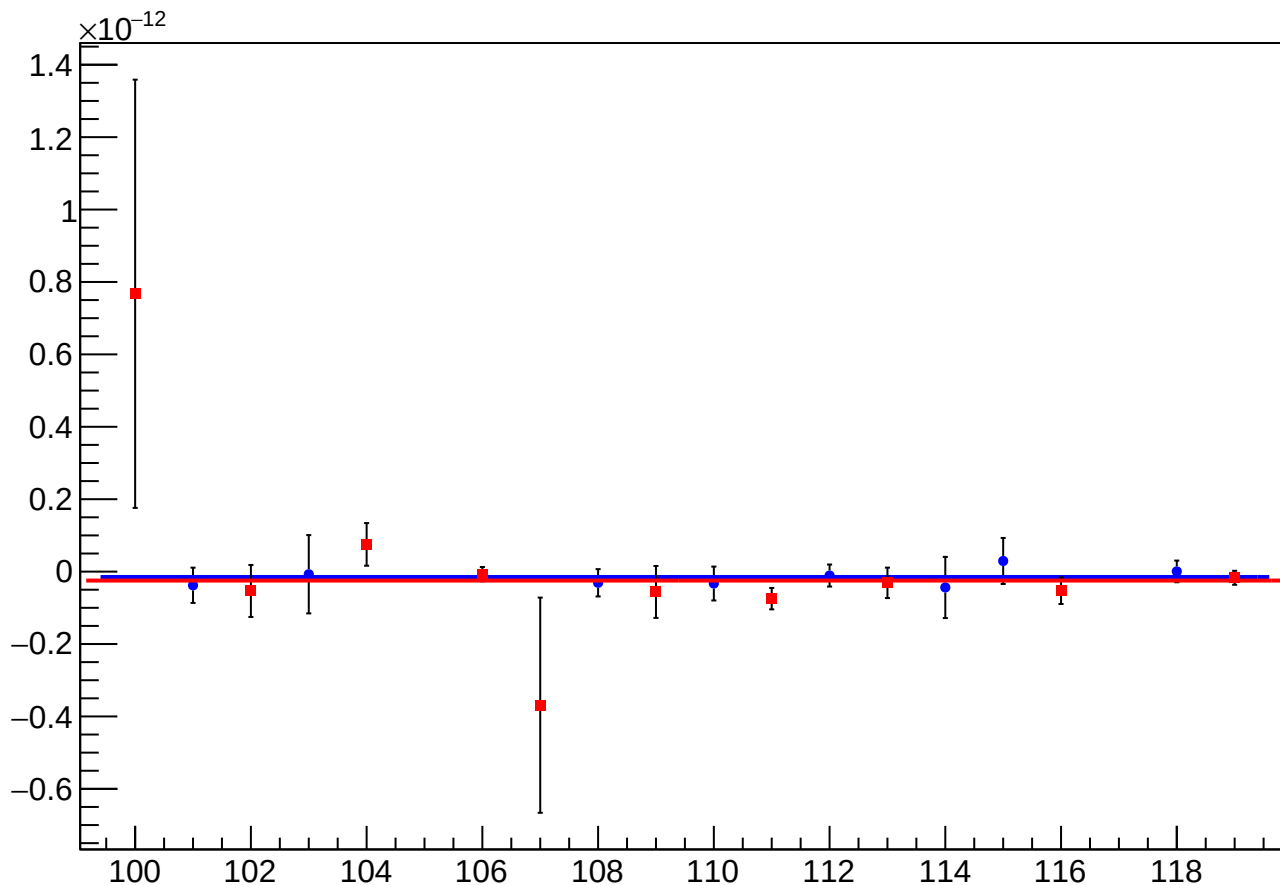
Right: 48.411+/-0.016 χ^2/NDF : 2412203.5/17

In: 50.355+/-0.023 χ^2/NDF : 1159114.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.411+/-0.016 χ^2/NDF : 2412203.5/17

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 : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

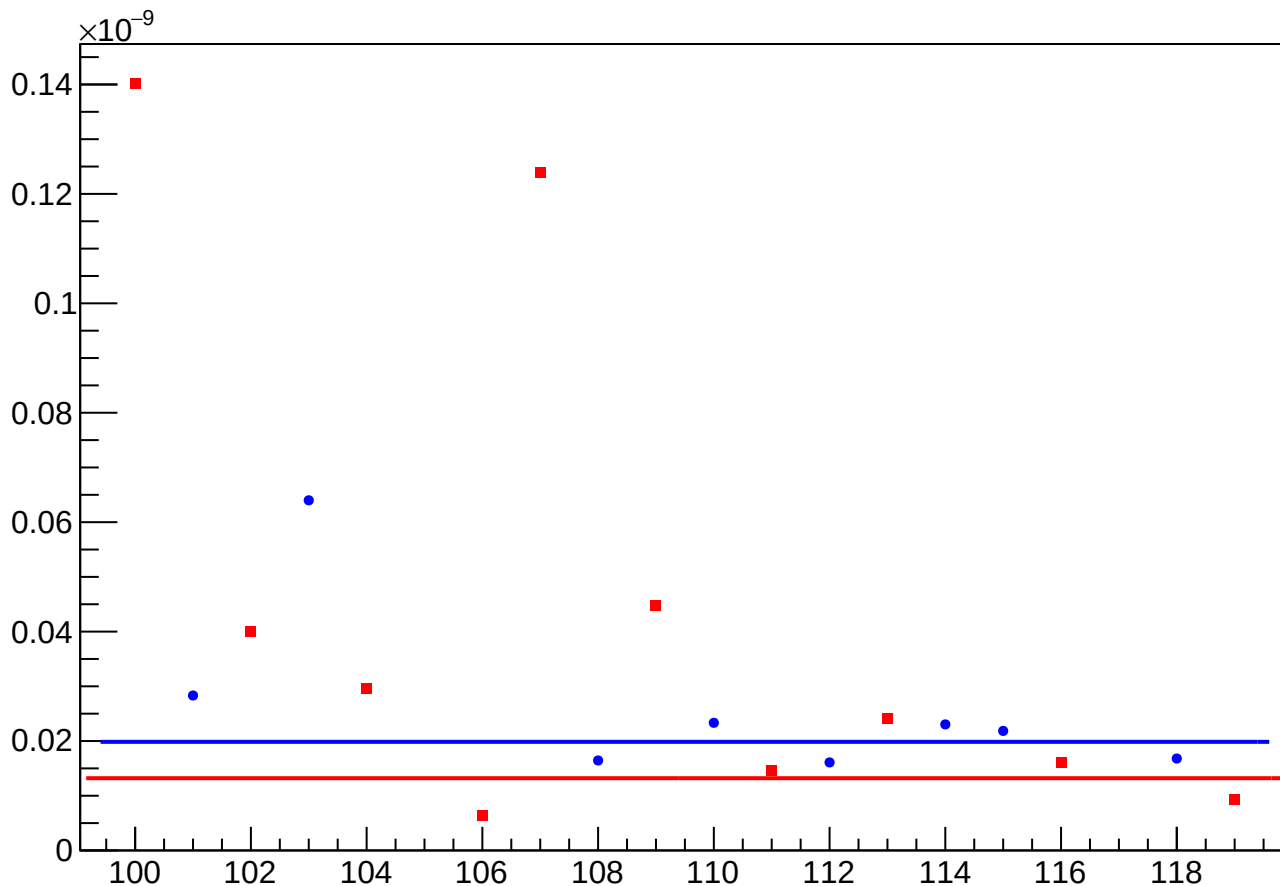
Right: -0.000+/-0.000 χ^2/NDF : 12.5/17

In: -0.000+/-0.000 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.5/17

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 : 477418.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1659769.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

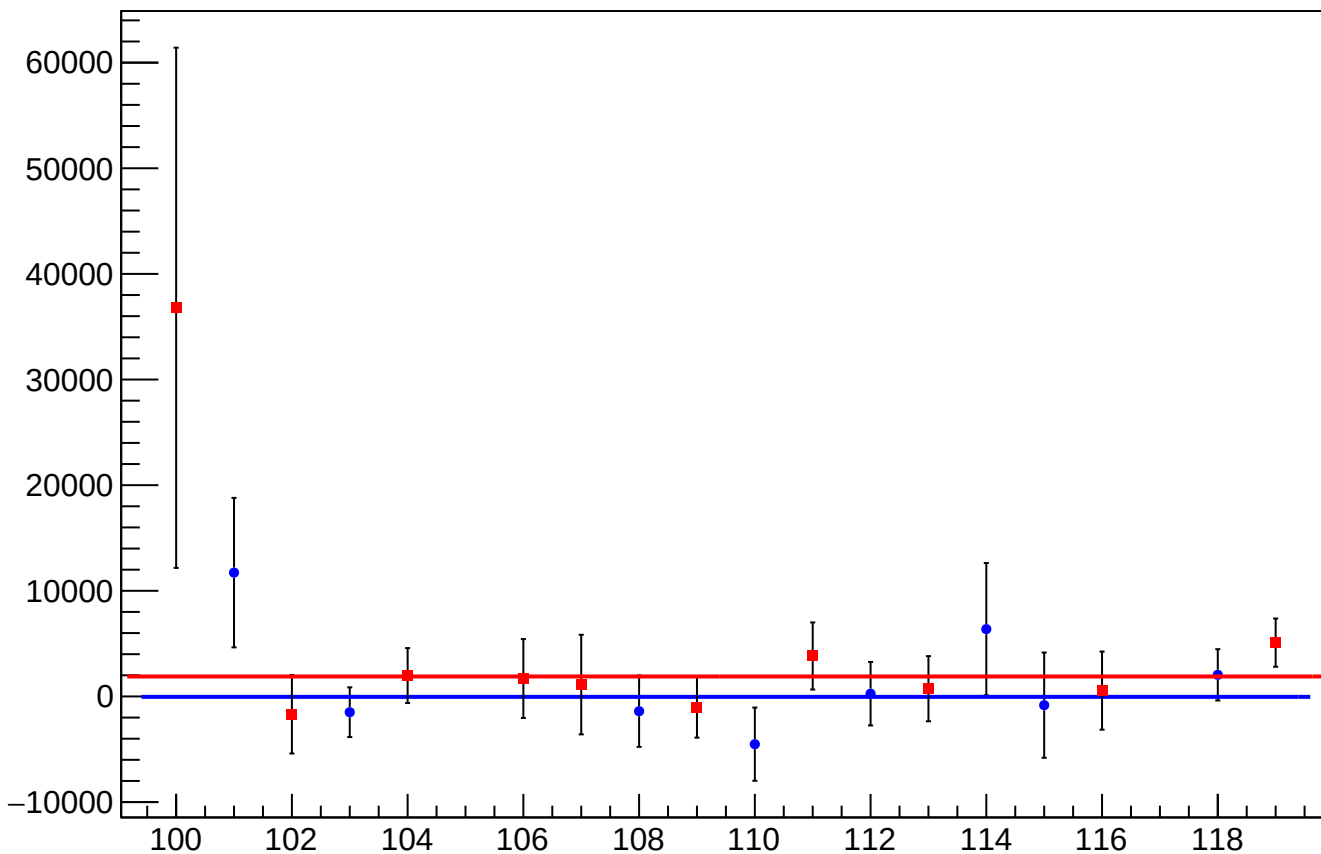
Right: 0.000+/-0.000 χ^2/NDF : 2386486.2/17

In: 0.000+/-0.000 χ^2/NDF : 477418.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2386486.2/17

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -39.357+/-1180.702 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.743+/-1038.301 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

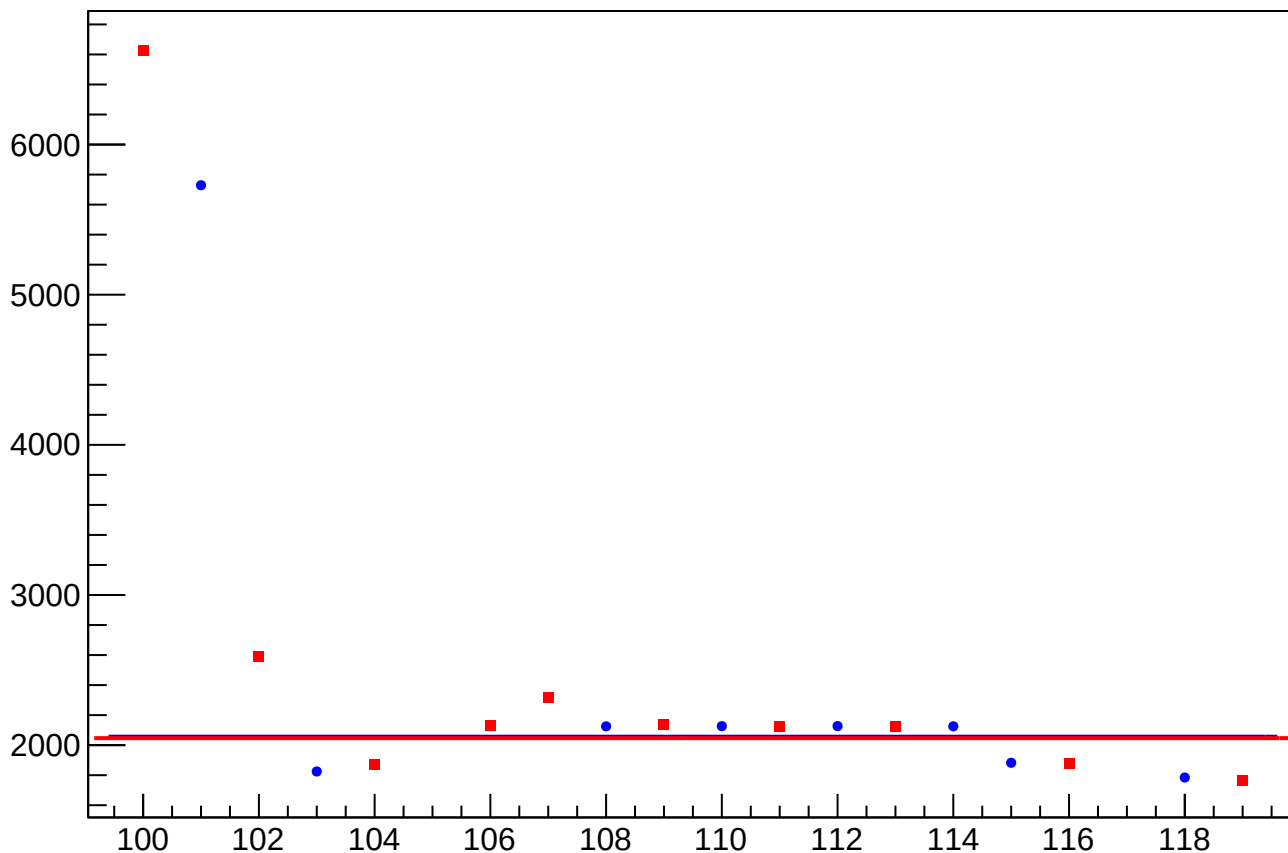
Right: 1048.482+/-779.701 χ^2/NDF : 14.9/17

In: -39.357+/-1180.702 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1048.482+/-779.701 χ^2/NDF : 14.9/17

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2056.220+/-0.835 χ^2/NDF : 588880.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2046.752+/-0.734 χ^2/NDF : 168118.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

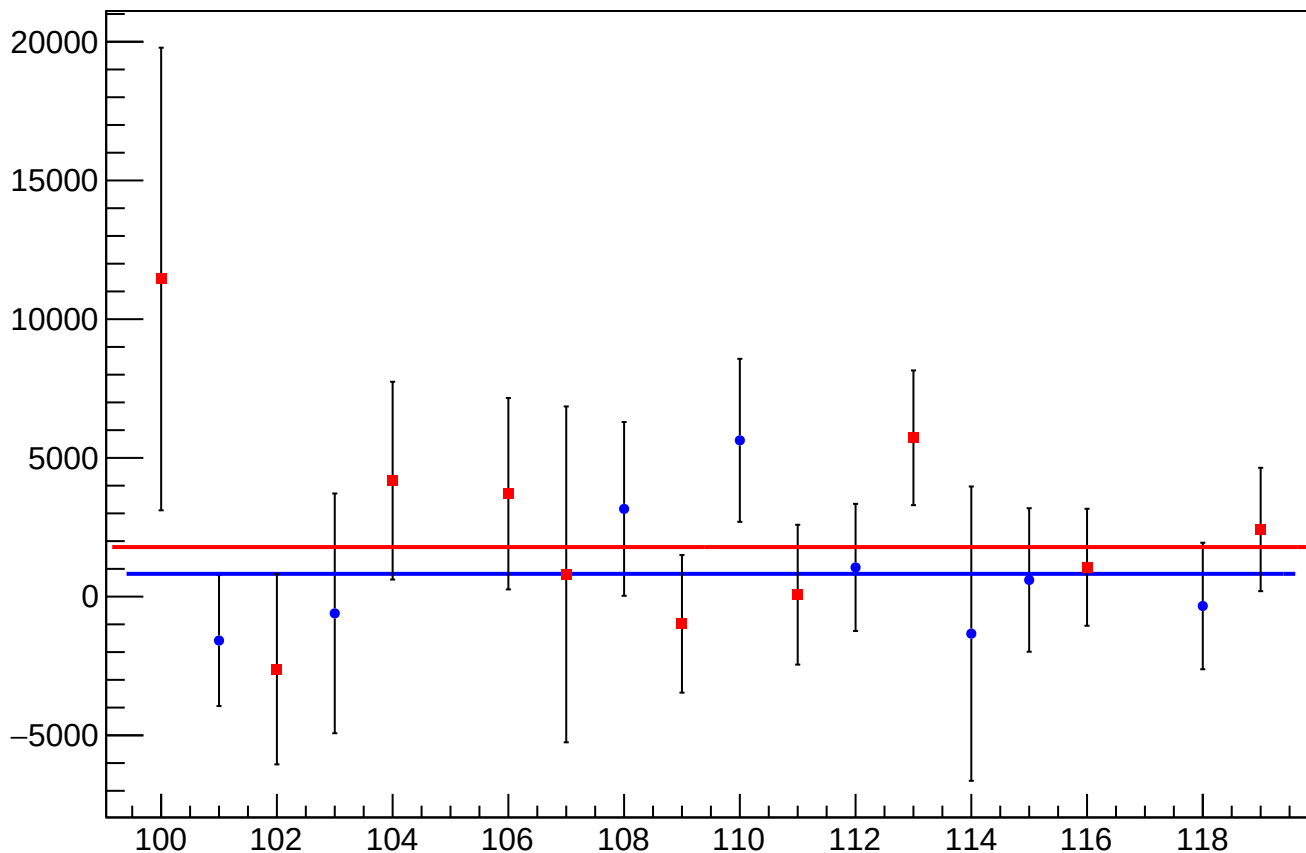
Right: 2050.881+/-0.551 χ^2/NDF : 757071.7/17

In: 2056.220+/-0.835 χ^2/NDF : 588880.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.881+/-0.551 χ^2/NDF : 757071.7/17

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 820.932+/-990.811 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.007+/-910.606 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

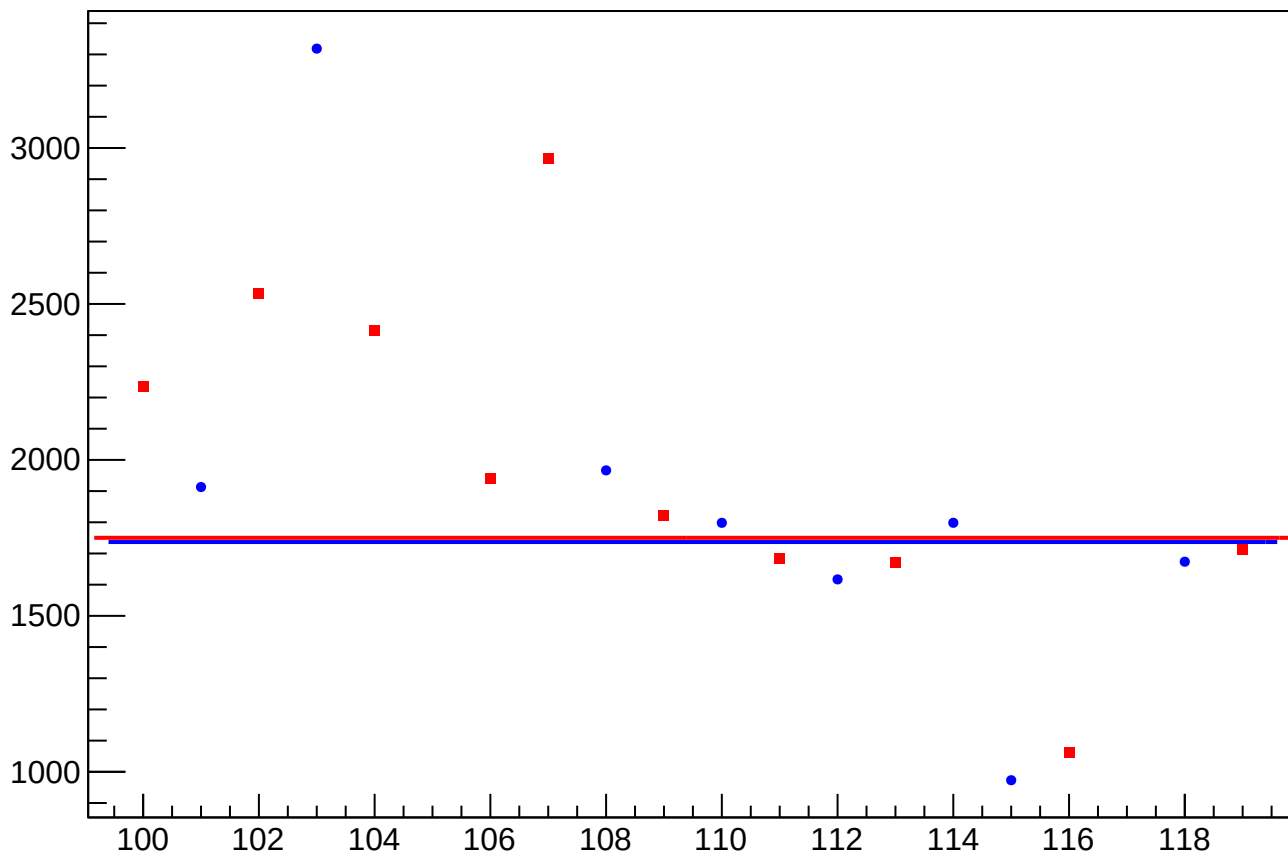
Right: 1344.106+/-670.460 χ^2/NDF : 13.7/17

In: 820.932+/-990.811 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1344.106+/-670.460 χ^2/NDF : 13.7/17

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1736.690+/-0.701 χ^2/NDF : 472451.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.210+/-0.644 χ^2/NDF : 485913.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

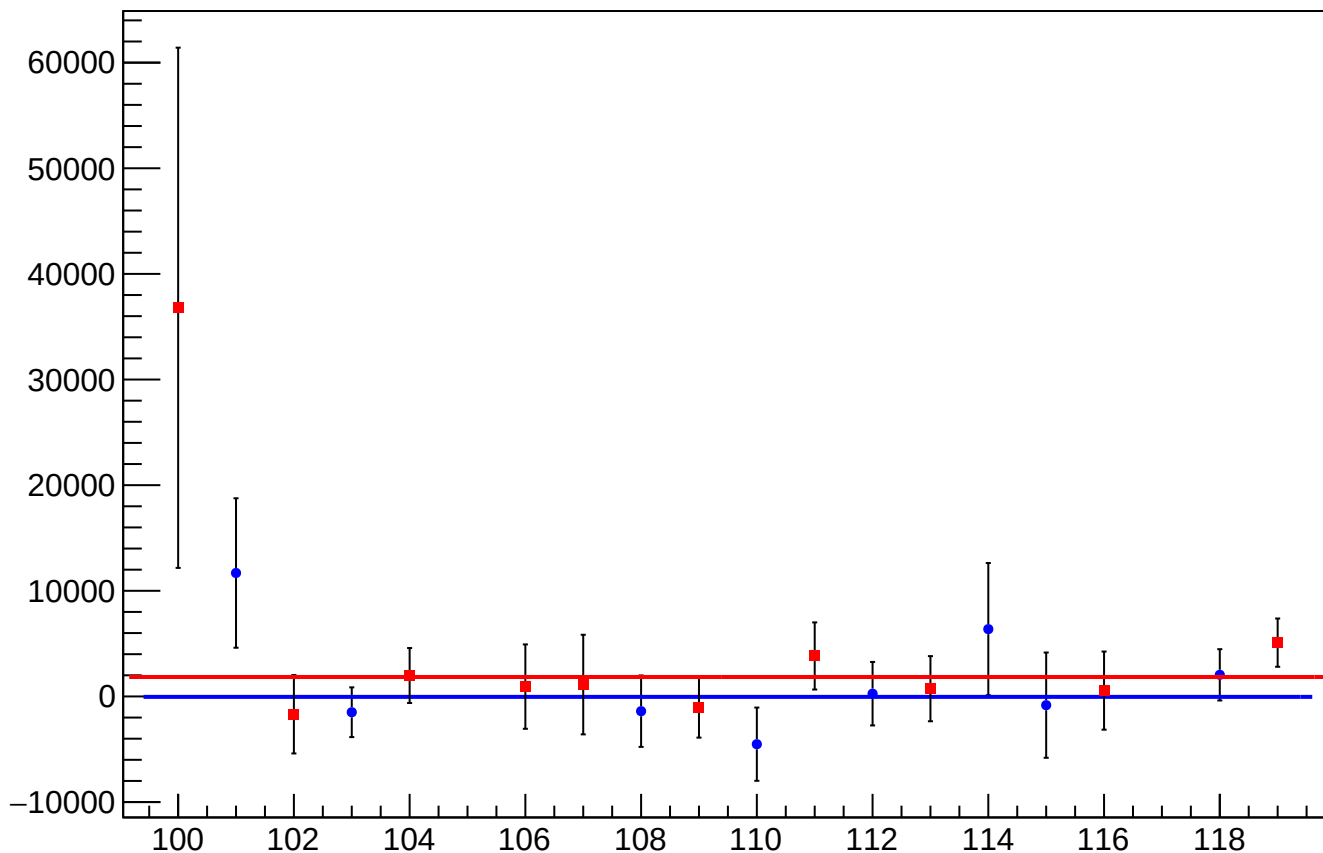
Right: 1744.020+/-0.474 χ^2/NDF : 958566.5/17

In: 1736.690+/-0.701 χ^2/NDF : 472451.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.020+/-0.474 χ^2/NDF : 958566.5/17

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -41.122+/-1180.703 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1840.629+/-1043.365 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

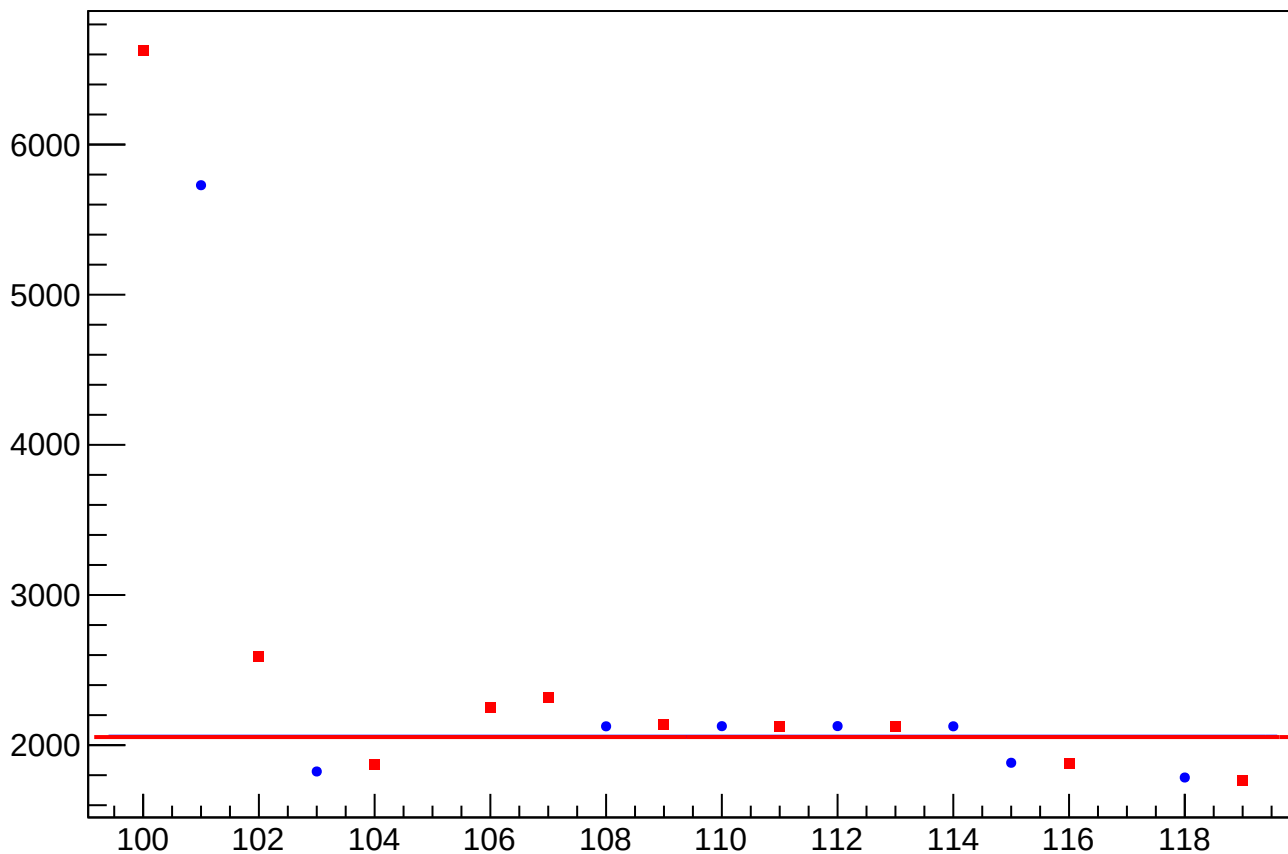
Right: 1015.512+/-781.839 χ^2/NDF : 14.8/17

In: -41.122+/-1180.703 χ^2/NDF :6.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1015.512+/-781.839 χ^2/NDF : 14.8/17

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2056.220+/-0.835 χ^2/NDF : 588880.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.878+/-0.738 χ^2/NDF : 172107.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

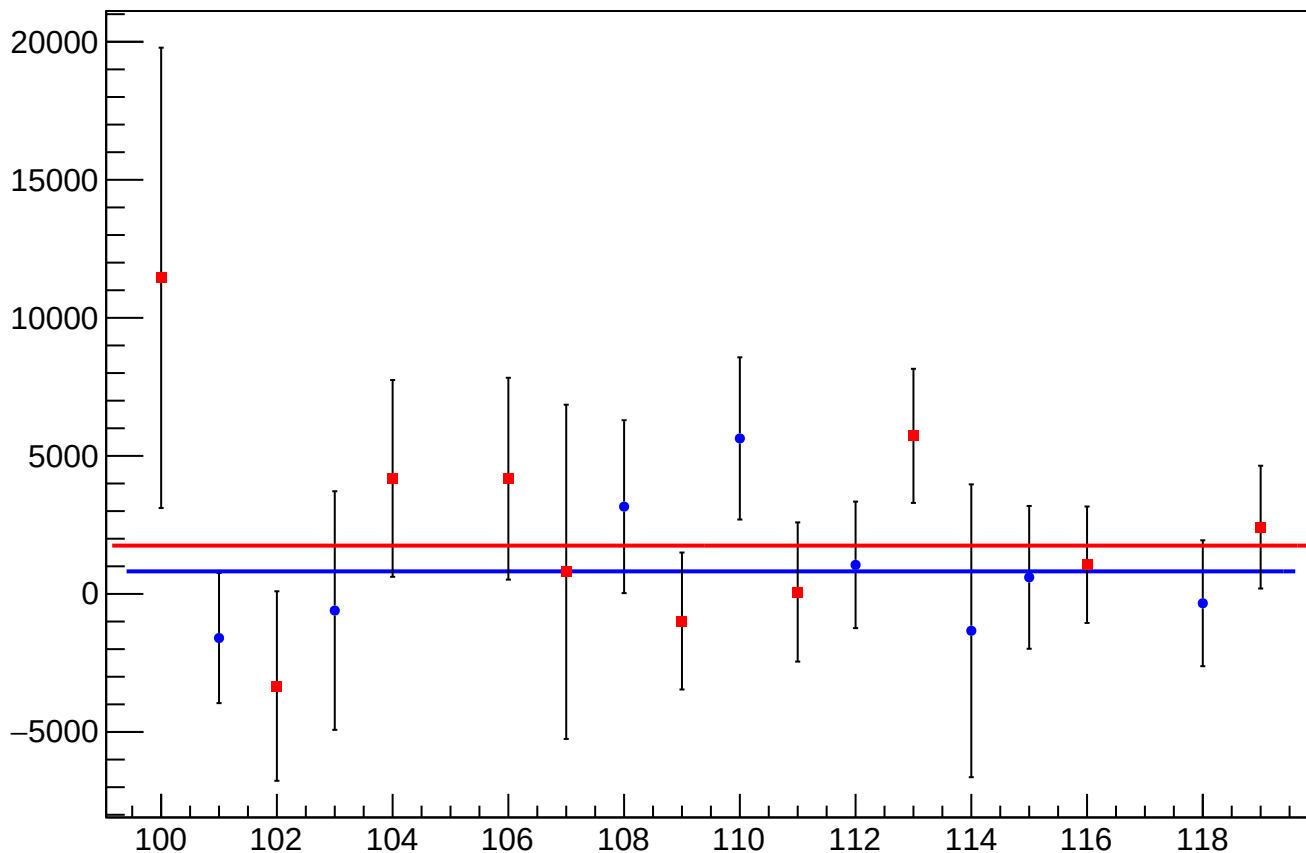
Right: 2054.905+/-0.553 χ^2/NDF : 760992.4/17

In: 2056.220+/-0.835 χ^2/NDF : 588880.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.905+/-0.553 χ^2/NDF : 760992.4/17

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 817.547+/-990.577 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.023+/-914.132 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

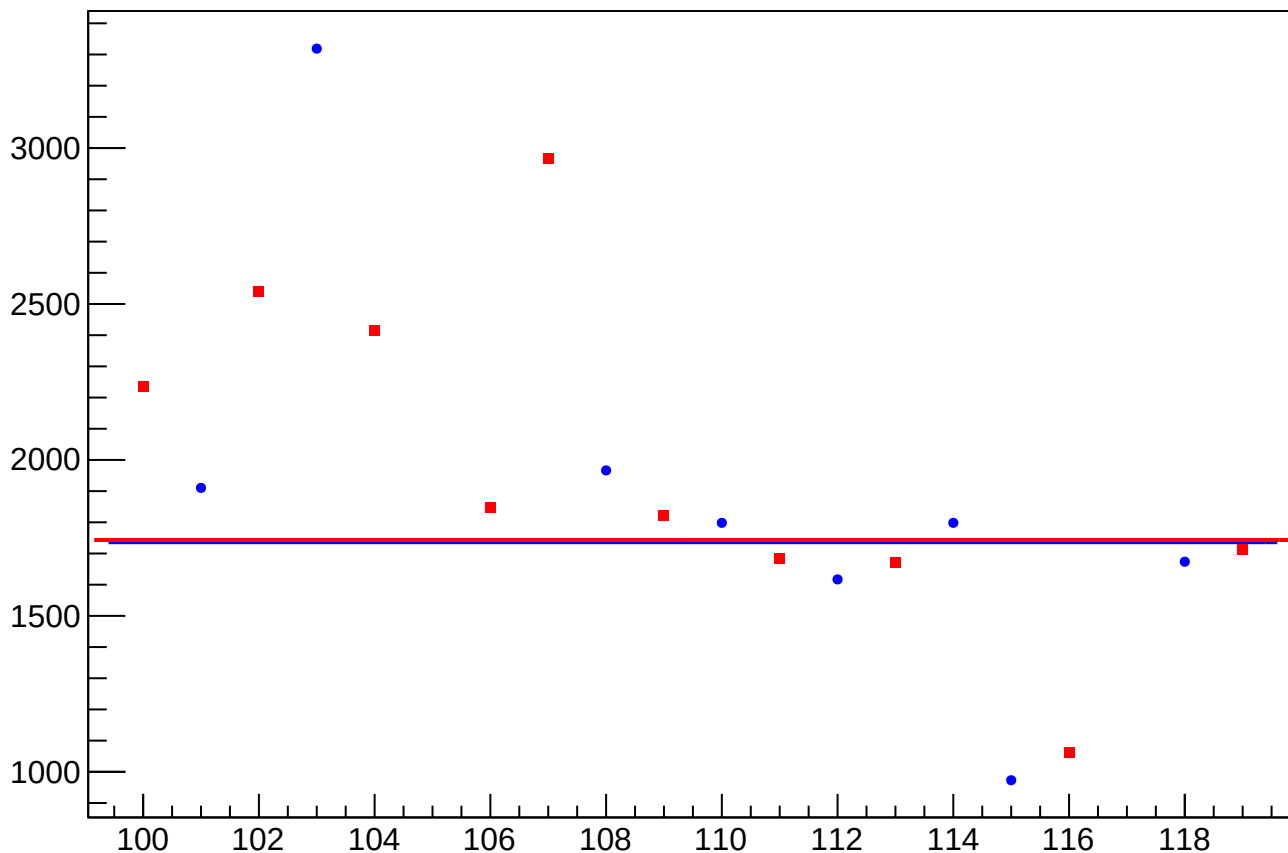
Right: 1321.149+/-671.791 χ^2/NDF : 14.3/17

In: 817.547+/-990.577 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.149+/-671.791 χ^2/NDF : 14.3/17

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1736.310+/-0.700 χ^2/NDF : 472201.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.286+/-0.646 χ^2/NDF : 482575.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

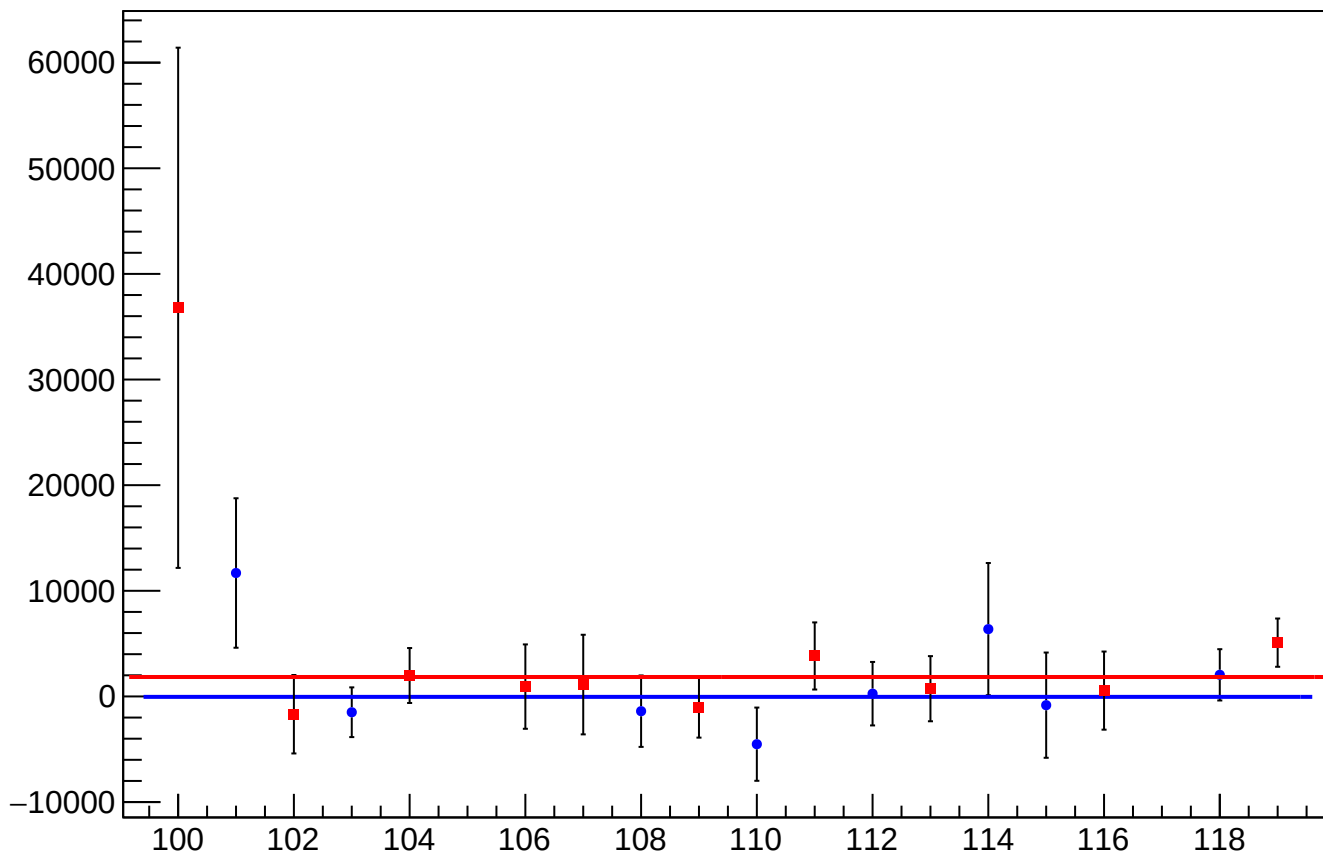
Right: 1740.078+/-0.475 χ^2/NDF : 954831.4/17

In: 1736.310+/-0.700 χ^2/NDF : 472201.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1740.078+/-0.475 χ^2/NDF : 954831.4/17

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -41.122+/-1180.703 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1840.629+/-1043.365 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

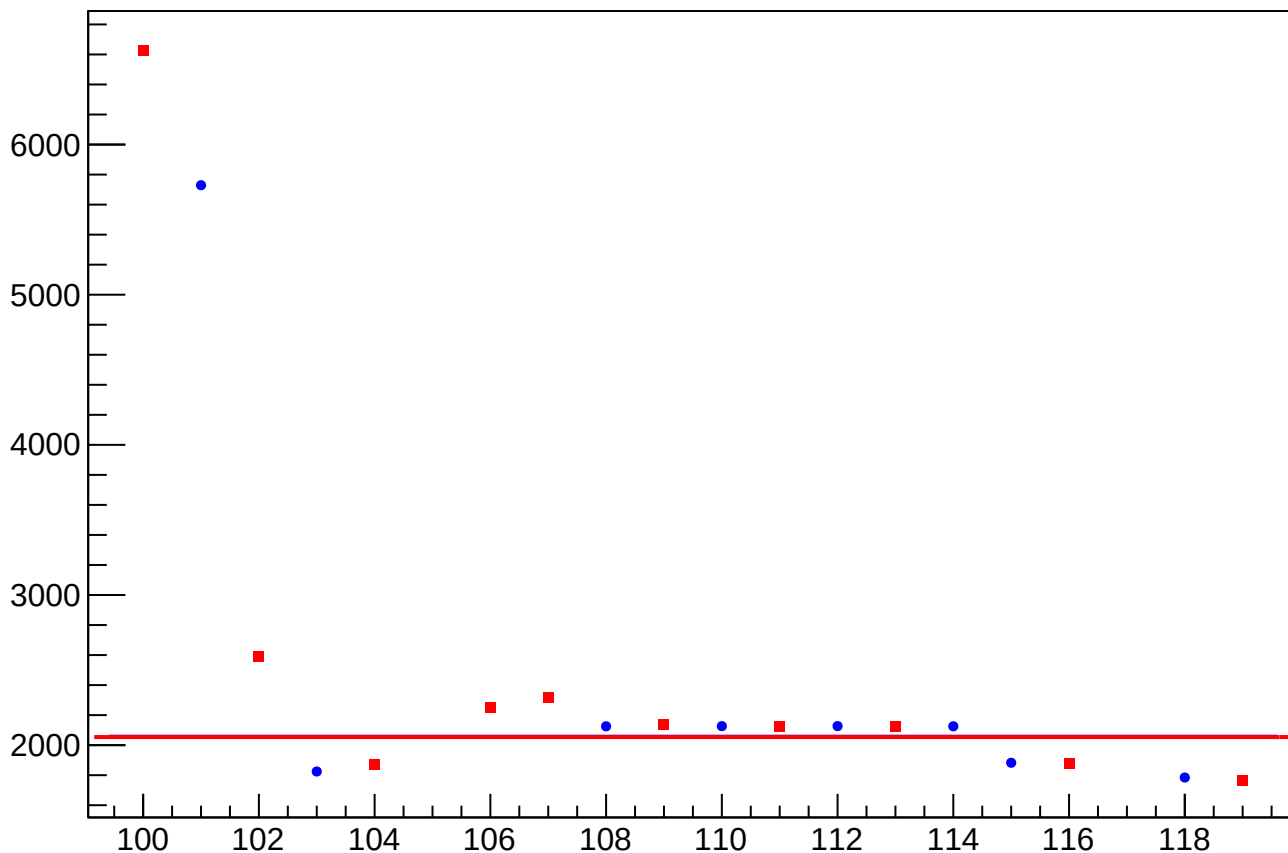
Right: 1015.512+/-781.839 χ^2/NDF : 14.8/17

In: -41.122+/-1180.703 χ^2/NDF :6.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1015.512+/-781.839 χ^2/NDF : 14.8/17

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2056.220+/-0.835 χ^2/NDF : 588880.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2053.878+/-0.738 χ^2/NDF : 172107.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

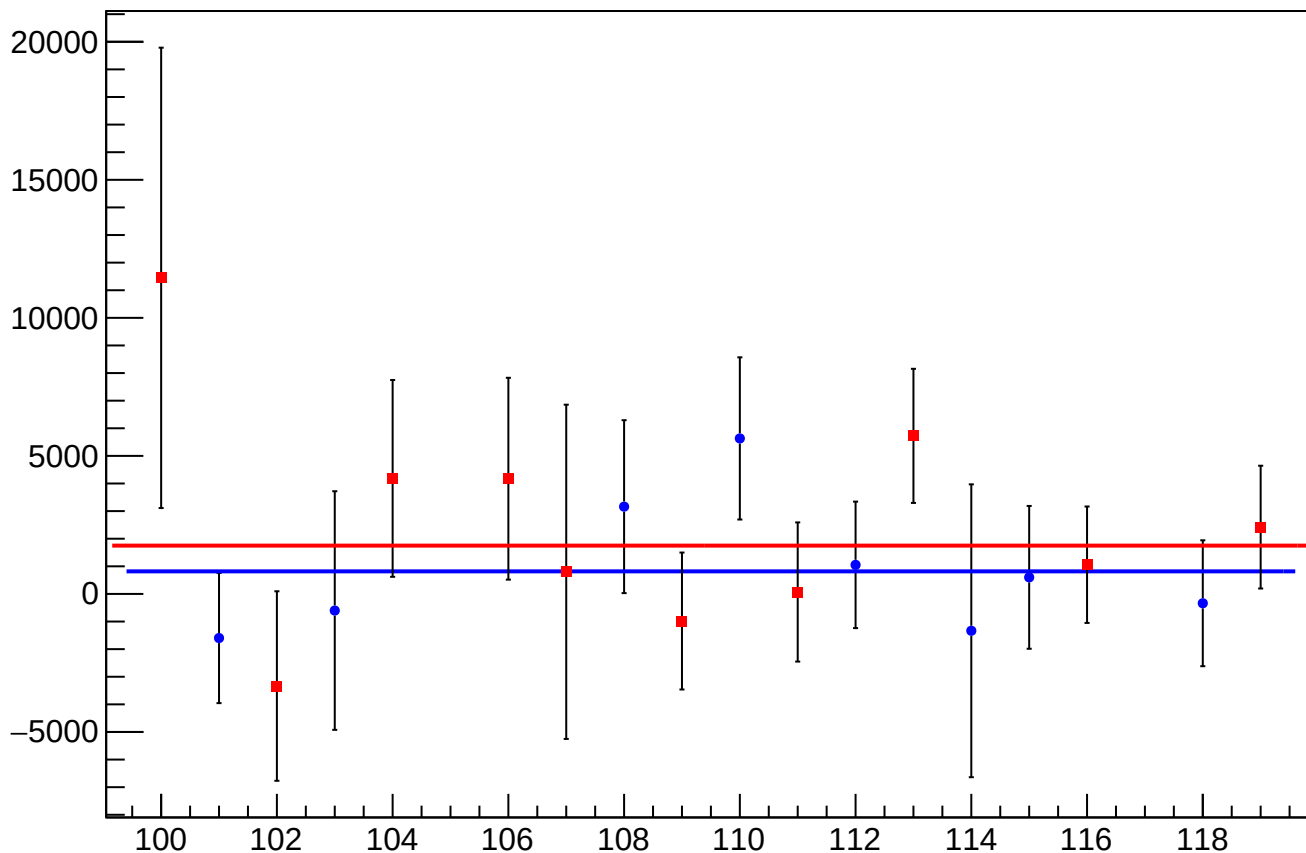
Right: 2054.905+/-0.553 χ^2/NDF : 760992.4/17

In: 2056.220+/-0.835 χ^2/NDF : 588880.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2054.905+/-0.553 χ^2/NDF : 760992.4/17

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 817.547+/-990.577 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1750.023+/-914.132 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

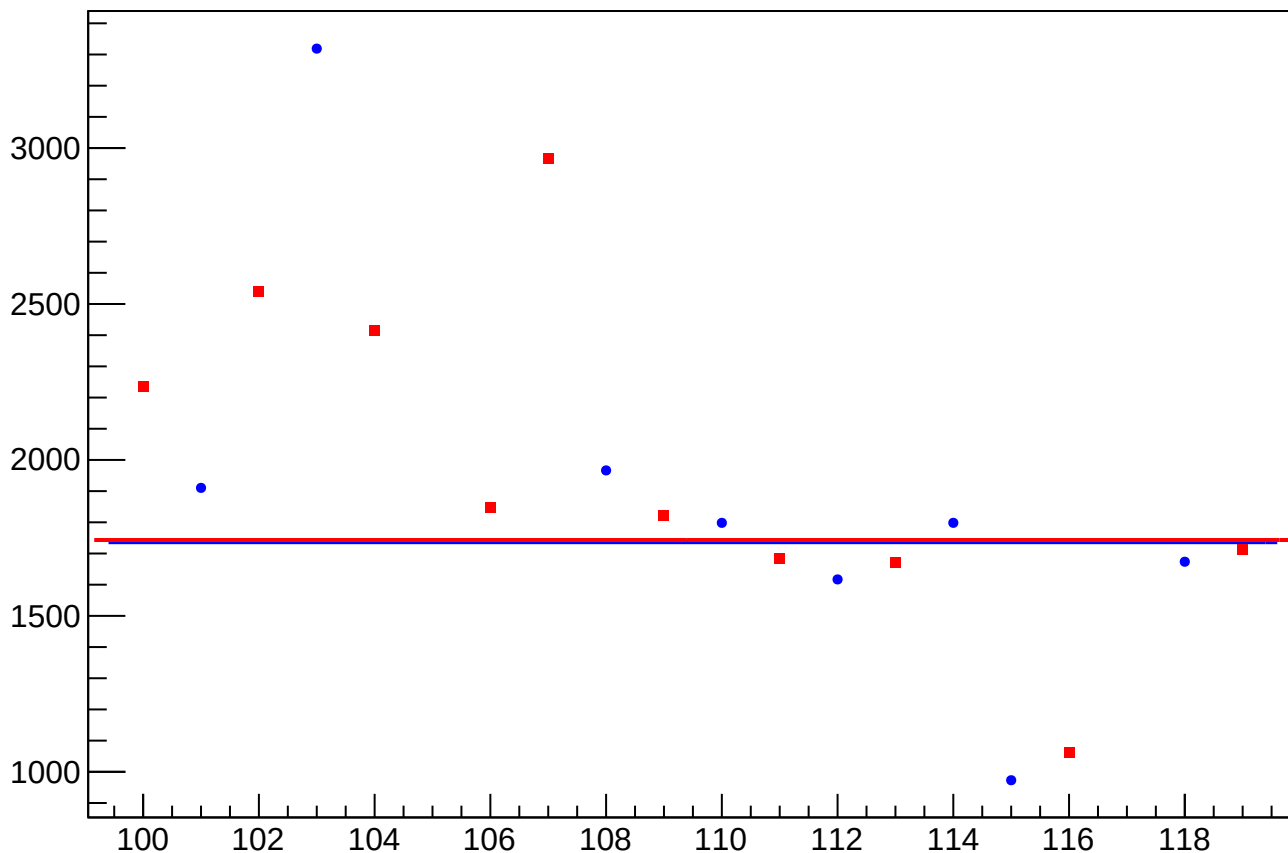
Right: 1321.149+/-671.791 χ^2/NDF : 14.3/17

In: 817.547+/-990.577 χ^2/NDF :4.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1321.149+/-671.791 χ^2/NDF : 14.3/17

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1736.310+/-0.700 χ^2/NDF : 472201.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.286+/-0.646 χ^2/NDF : 482575.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

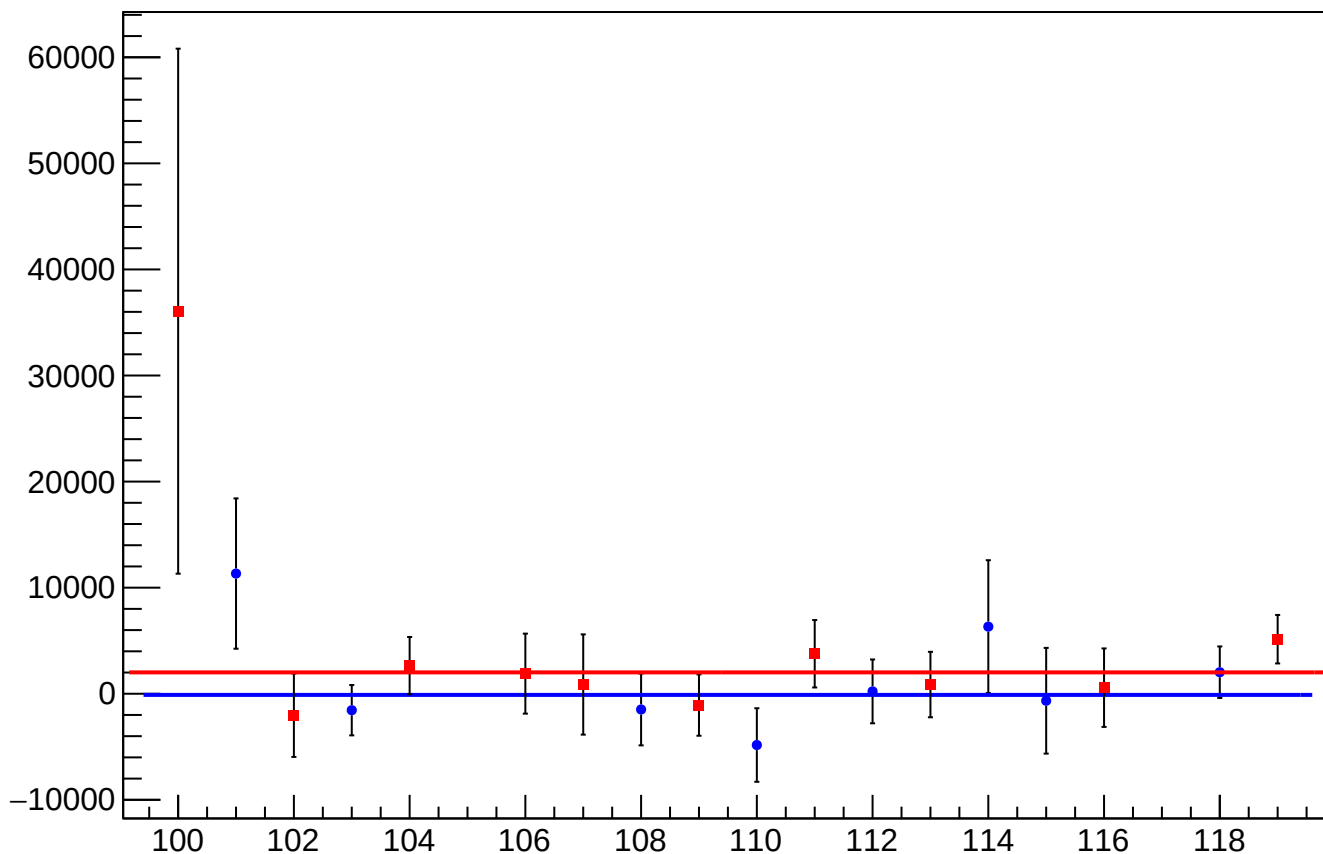
Right: 1740.078+/-0.475 χ^2/NDF : 954831.4/17

In: 1736.310+/-0.700 χ^2/NDF : 472201.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1740.078+/-0.475 χ^2/NDF : 954831.4/17

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -109.570+/-1183.493 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2013.554+/-1050.244 χ^2/NDF : 6.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

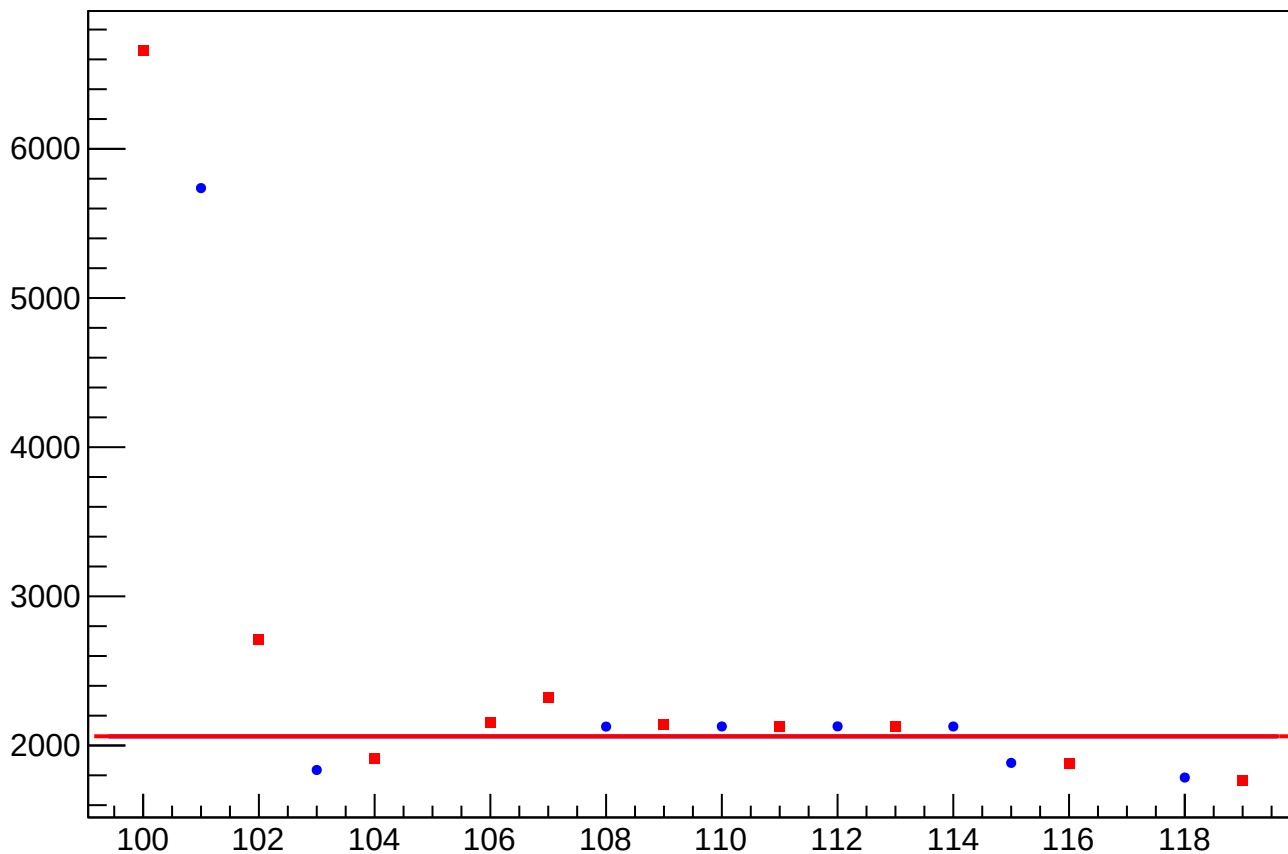
Right: 1078.193+/-785.539 χ^2/NDF : 15.3/17

In: -109.570+/-1183.493 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.193+/-785.539 χ^2/NDF : 15.3/17

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2060.607+/-0.837 χ^2/NDF : 587516.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2061.707+/-0.743 χ^2/NDF : 178528.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

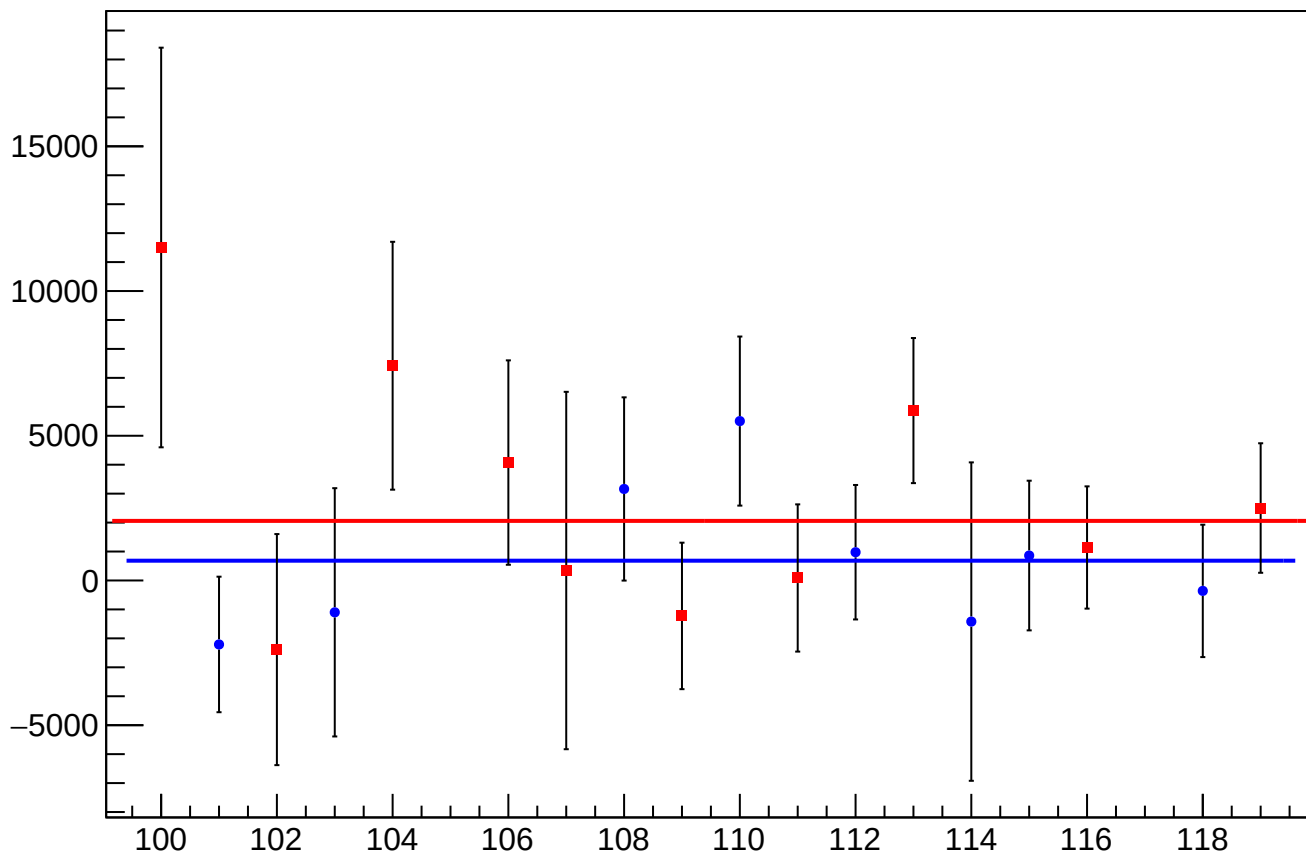
Right: 2061.222+/-0.555 χ^2/NDF : 766045.4/17

In: 2060.607+/-0.837 χ^2/NDF :587516.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2061.222+/-0.555 χ^2/NDF : 766045.4/17

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 683.262+/-993.598 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2058.379+/-937.153 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

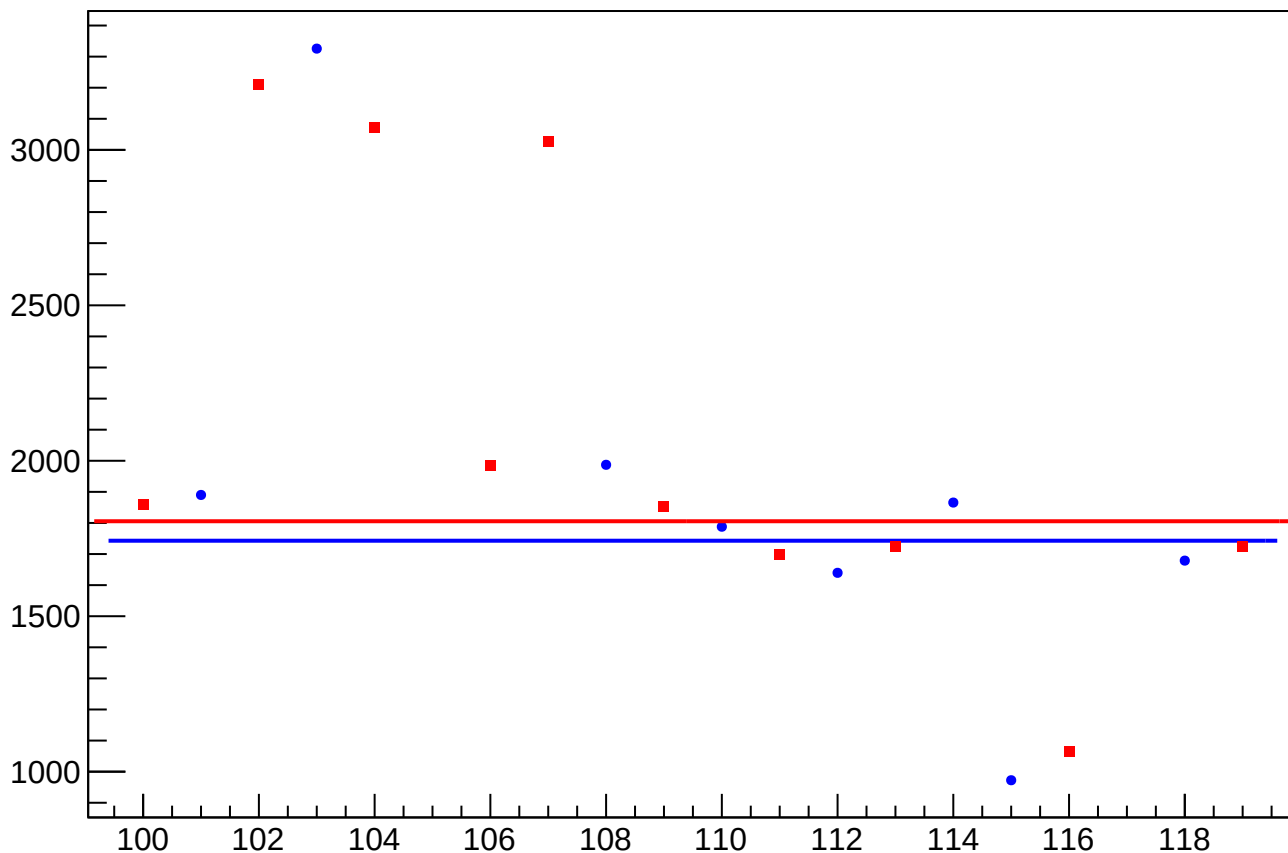
Right: 1410.988+/-681.749 χ^2/NDF : 16.3/17

In: 683.262+/-993.598 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.988+/-681.749 χ^2/NDF : 16.3/17

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1742.856+/-0.703 χ^2/NDF : 476782.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.512+/-0.663 χ^2/NDF : 761216.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

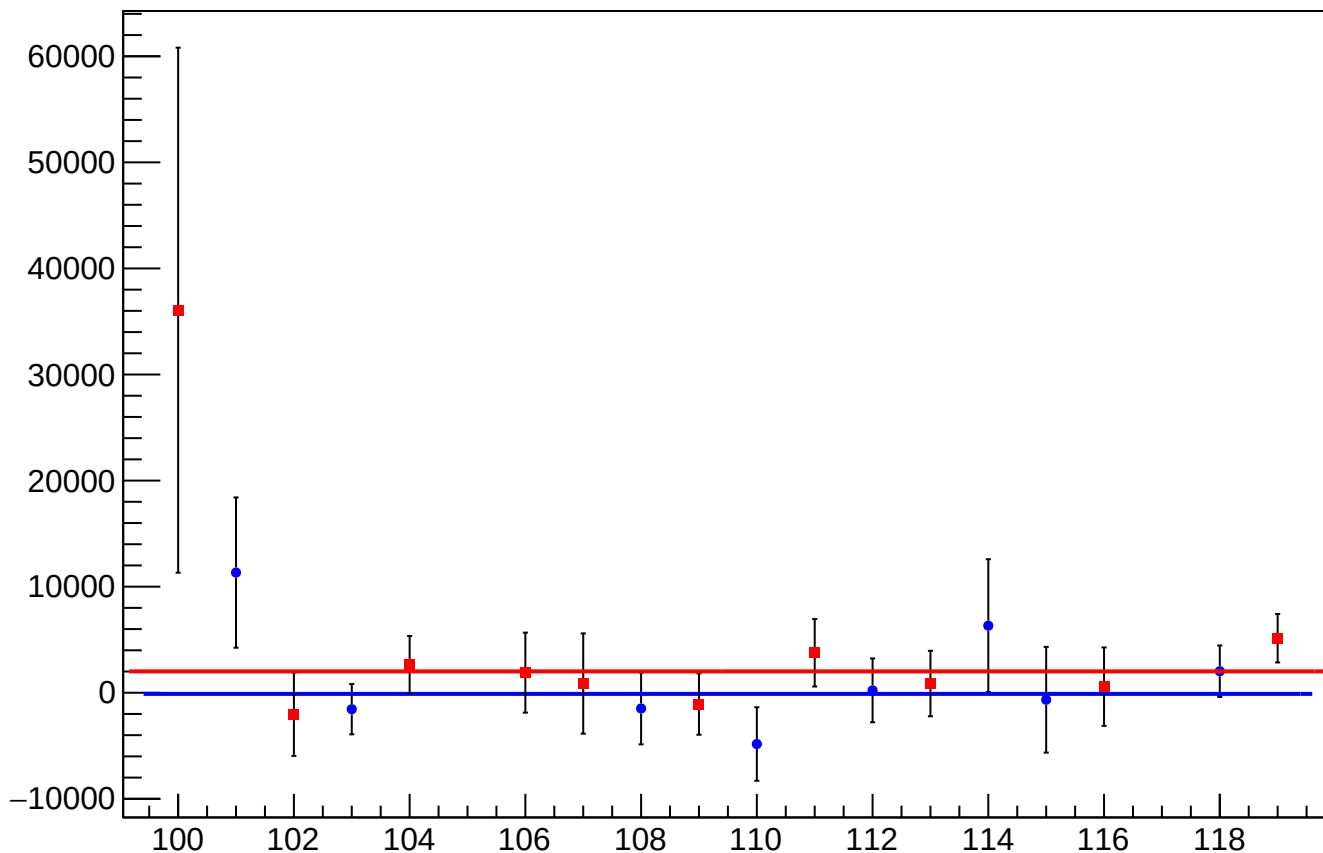
Right: 1776.014+/-0.482 χ^2/NDF : 1242207.2/17

In: 1742.856+/-0.703 χ^2/NDF : 476782.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.014+/-0.482 χ^2/NDF : 1242207.2/17

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -109.570+/-1183.493 χ^2/NDF : 6.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2013.551+/-1050.244 χ^2/NDF : 6.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

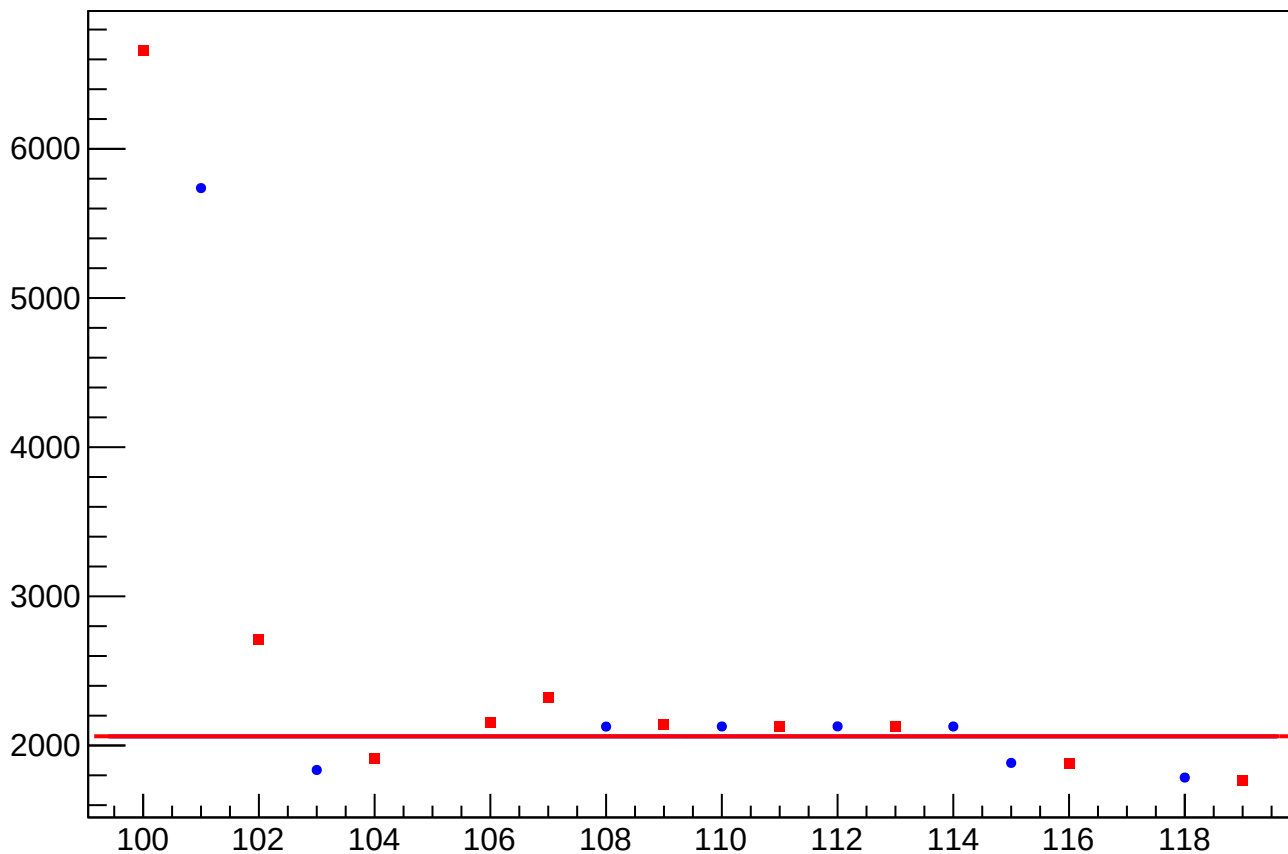
Right: 1078.192+/-785.539 χ^2/NDF : 15.3/17

In: -109.570+/-1183.493 χ^2/NDF : 6.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1078.192+/-785.539 χ^2/NDF : 15.3/17

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2060.607+/-0.837 χ^2/NDF : 587516.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.707+/-0.743 χ^2/NDF : 178528.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

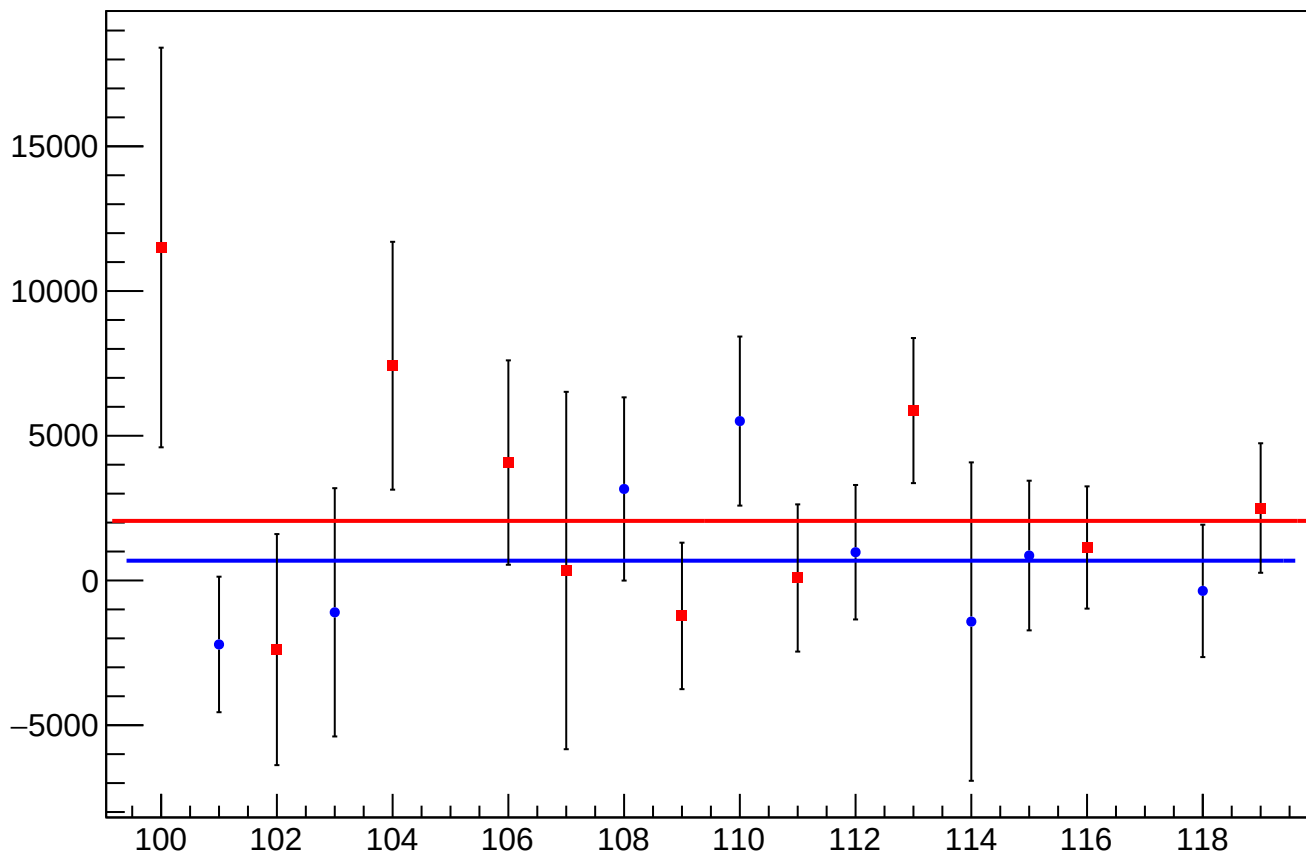
Right: 2061.222+/-0.555 χ^2/NDF : 766045.4/17

In: 2060.607+/-0.837 χ^2/NDF : 587516.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2061.222+/-0.555 χ^2/NDF : 766045.4/17

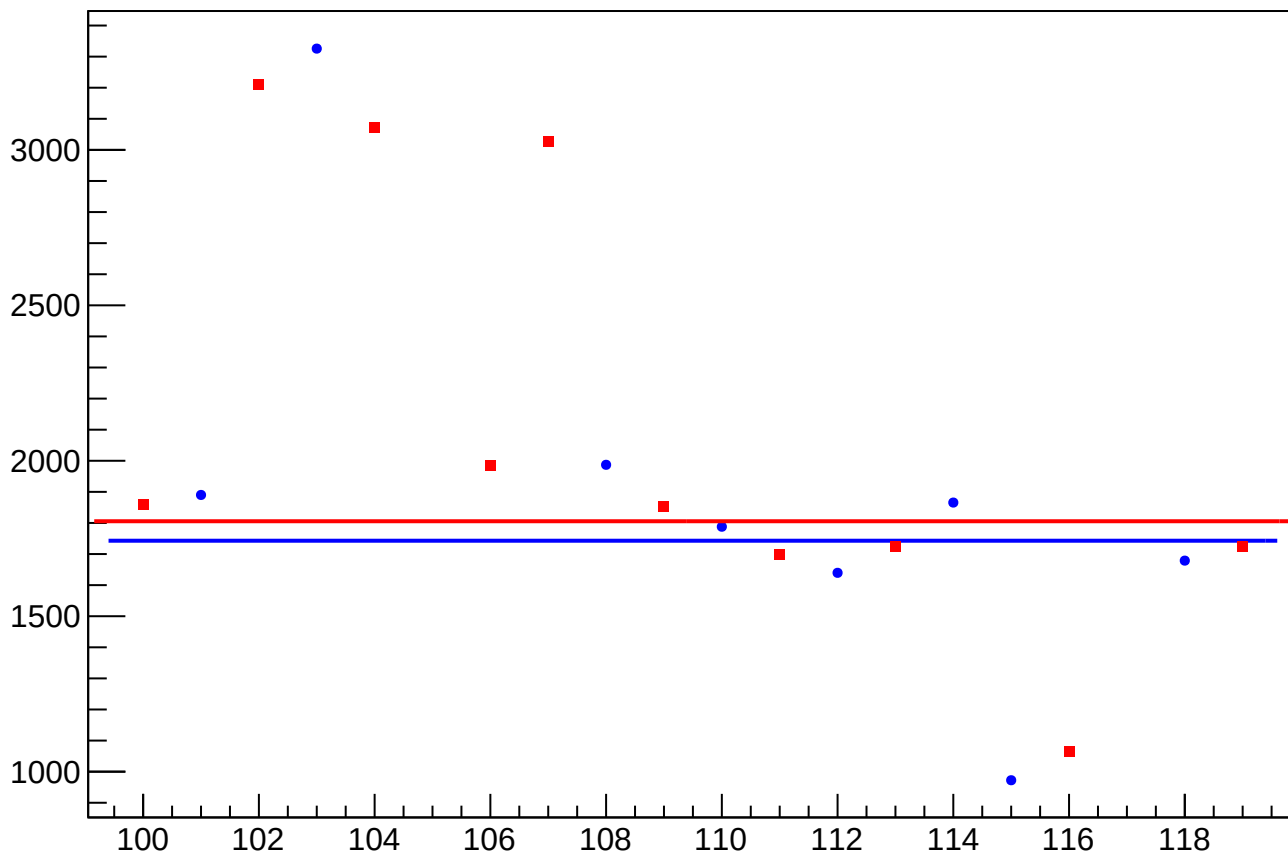
asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 683.263+/-993.596 χ^2/NDF : 5.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2058.373+/-937.151 χ^2/NDF : 9.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1410.985+/-681.747 χ^2/NDF : 16.3/17
 In: 683.263+/-993.596 χ^2/NDF : 5.4/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1410.985+/-681.747 χ^2/NDF : 16.3/17

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1742.852+/-0.703 χ^2/NDF : 476785.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1805.507+/-0.663 χ^2/NDF : 761224.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

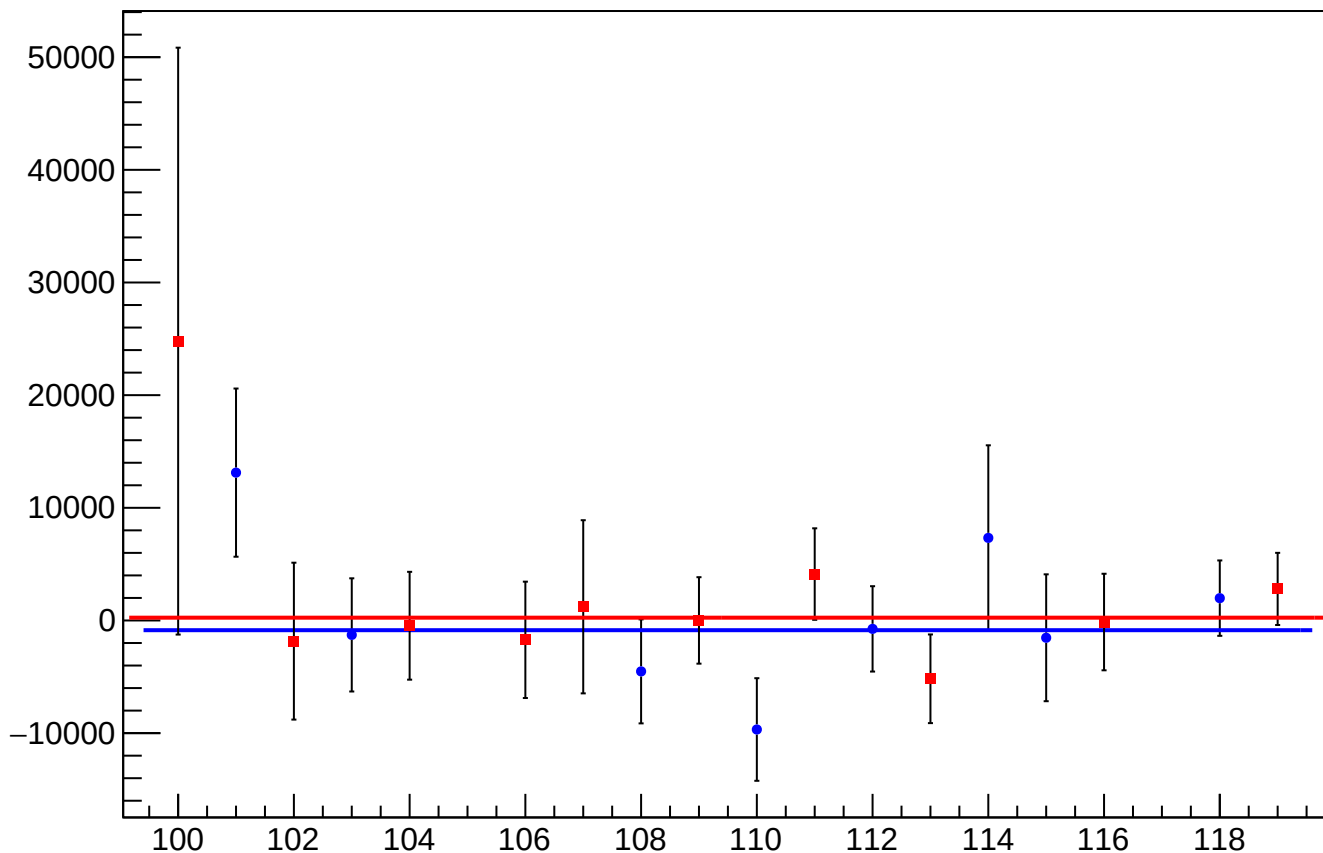
Right: 1776.009+/-0.482 χ^2/NDF : 1242218.7/17

In: 1742.852+/-0.703 χ^2/NDF : 476785.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.009+/-0.482 χ^2/NDF : 1242218.7/17

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -862.515+/-1671.008 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 248.947+/-1466.020 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

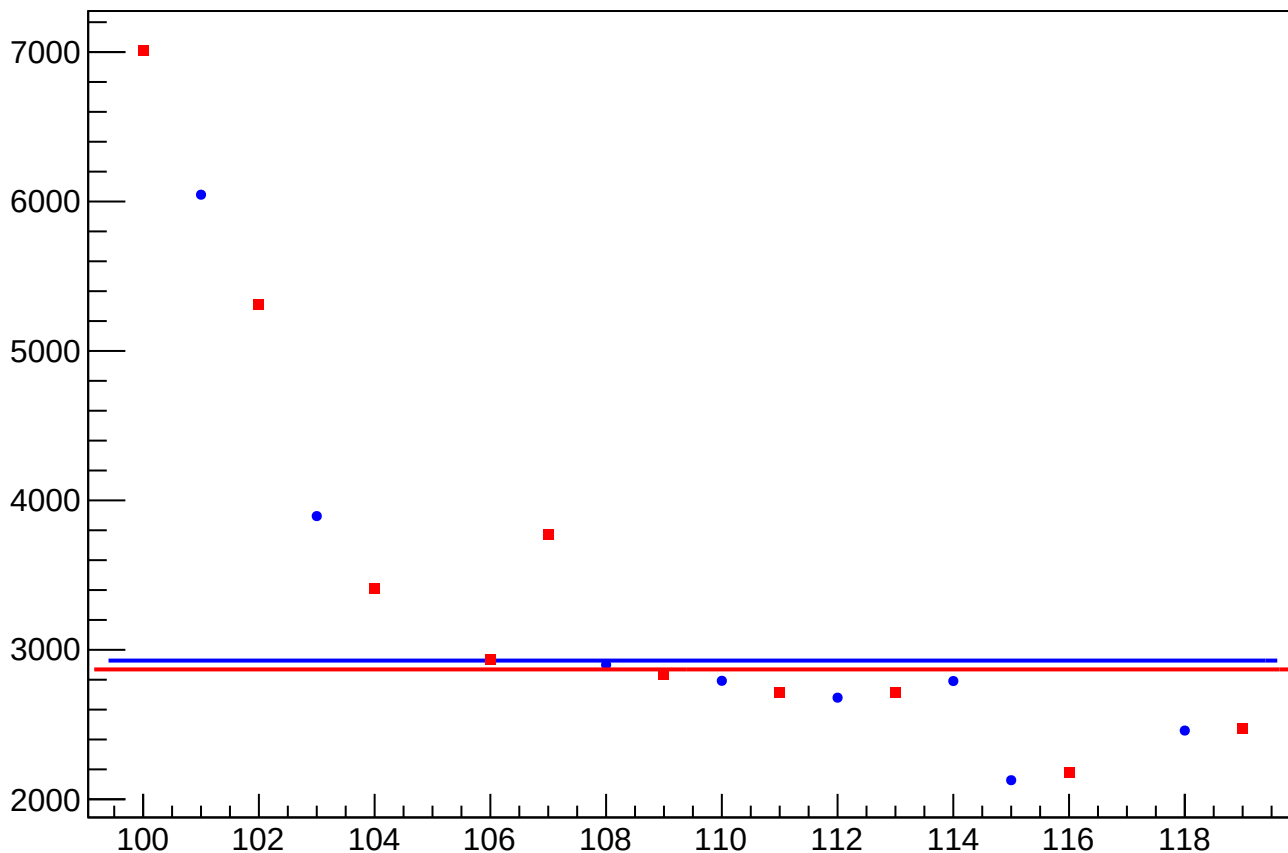
Right: -234.464+/-1102.021 χ^2/NDF : 14.5/17

In: -862.515+/-1671.008 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.464+/-1102.021 χ^2/NDF : 14.5/17

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2928.117+/-1.182 χ^2/NDF : 513576.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2868.909+/-1.037 χ^2/NDF : 438950.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

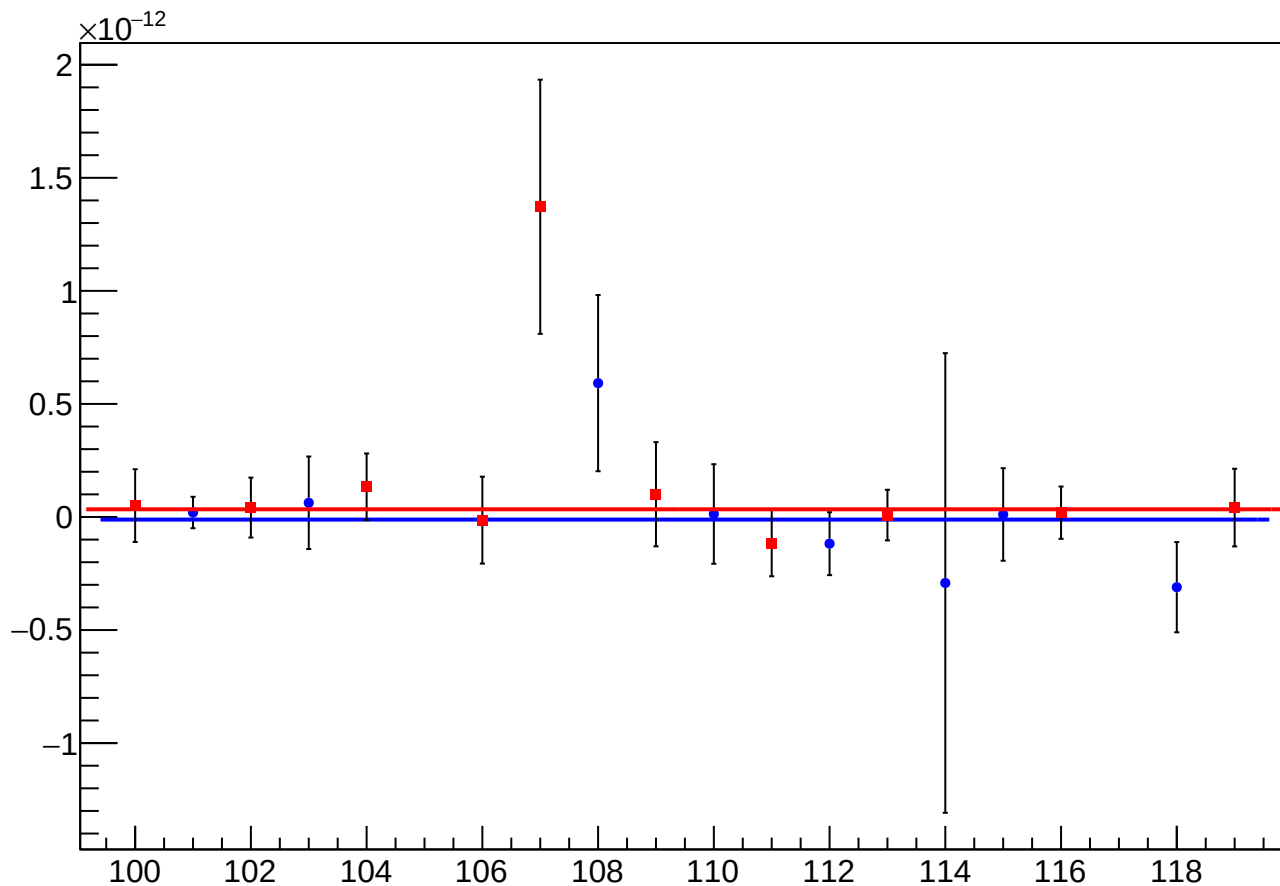
Right: 2894.660+/-0.779 χ^2/NDF : 953946.4/17

In: 2928.117+/-1.182 χ^2/NDF : 513576.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2894.660+/-0.779 χ^2/NDF : 953946.4/17

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

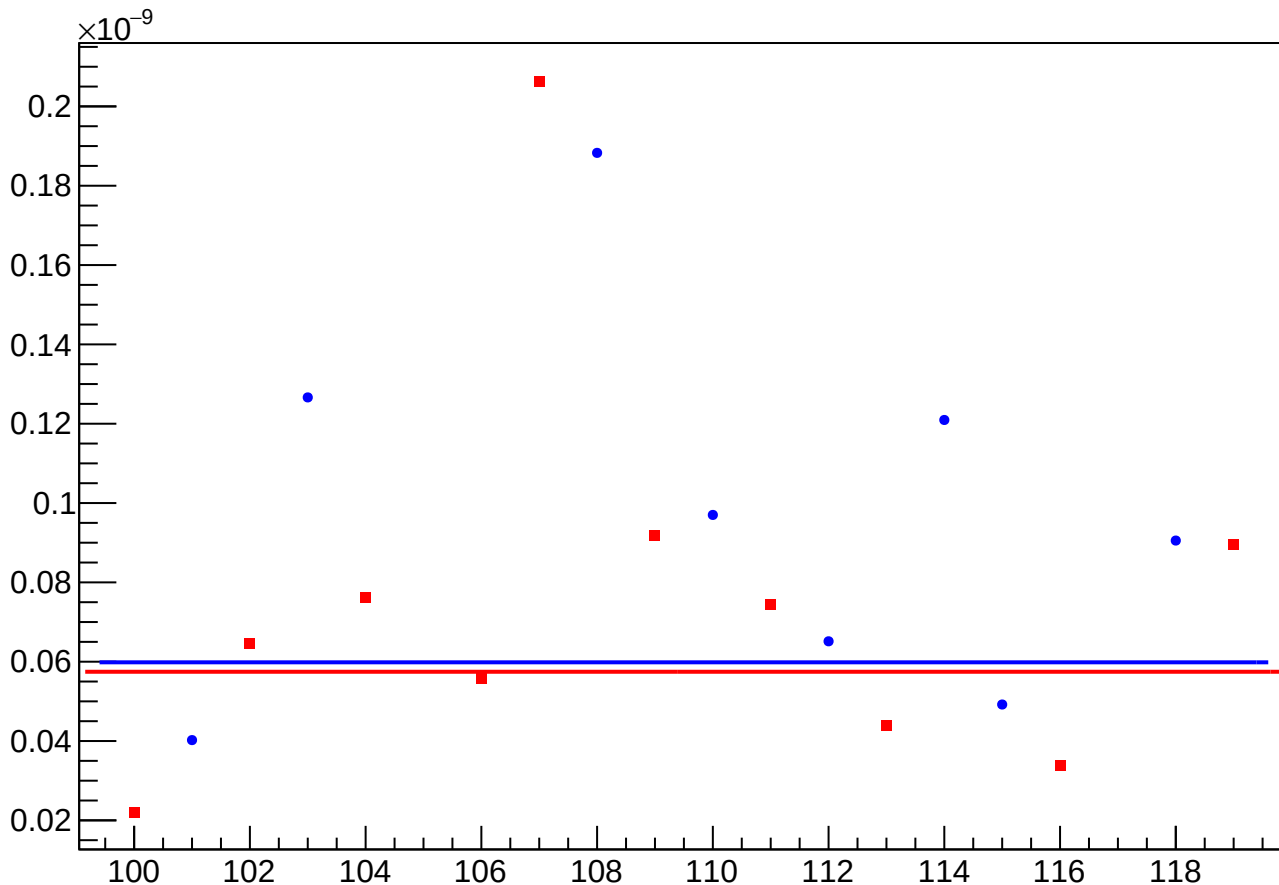
Right: 0.000+/-0.000 χ^2/NDF : 13.5/17

In: -0.000+/-0.000 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.5/17

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 709480.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 528658.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

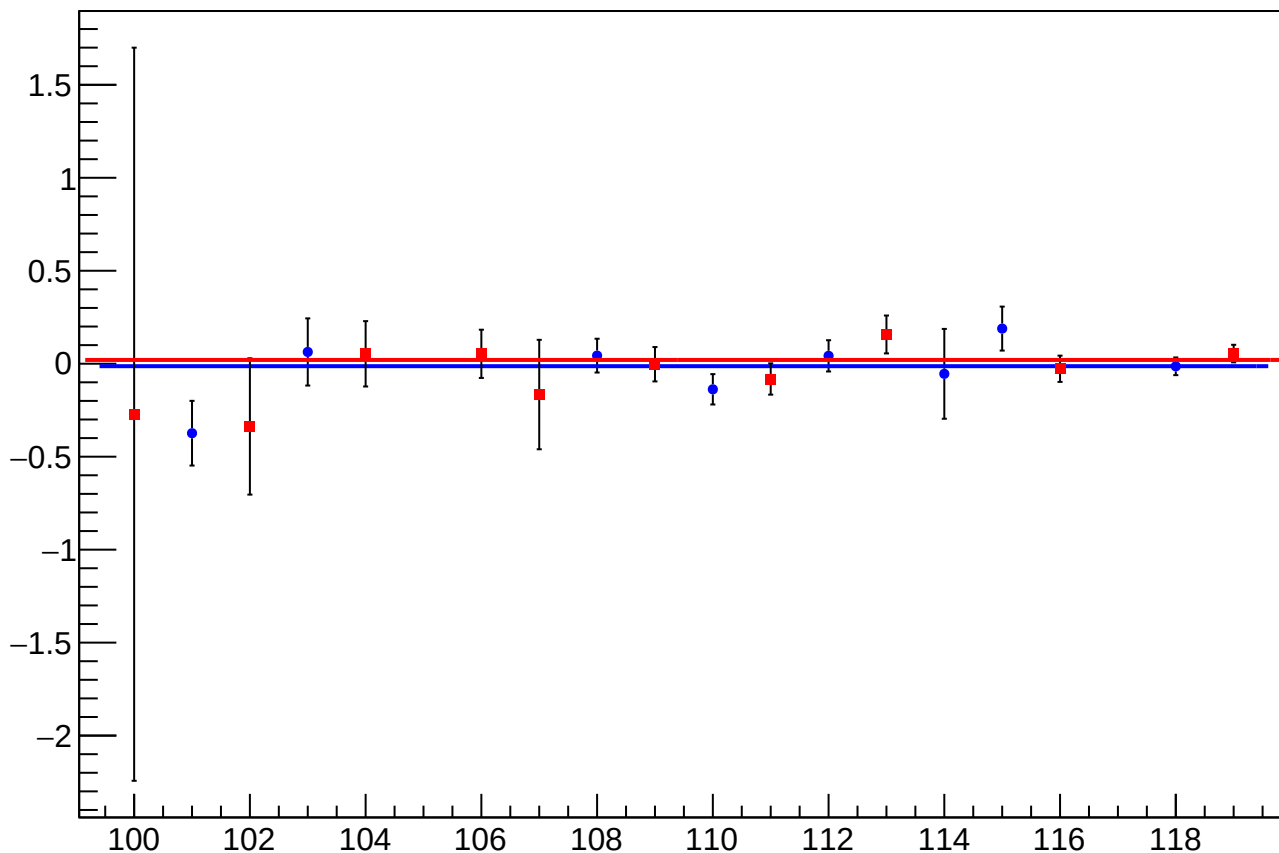
Right: 0.000+/-0.000 χ^2/NDF : 1240346.9/17

In: 0.000+/-0.000 χ^2/NDF : 709480.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240346.9/17

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.032 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.030 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

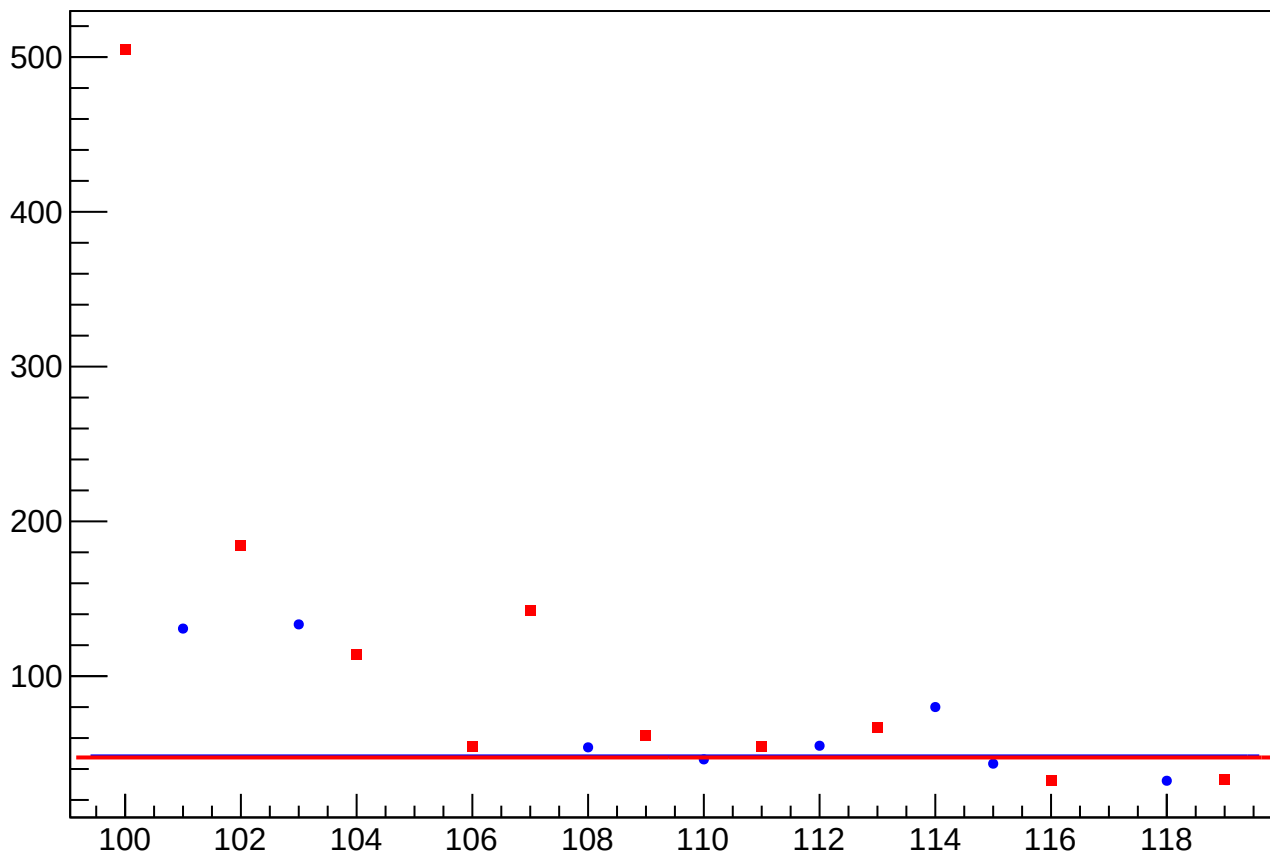
Right: 0.004+/-0.022 χ^2/NDF : 17.0/17

In: -0.013+/-0.032 χ^2/NDF :10.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.022 χ^2/NDF : 17.0/17

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.146+/-0.022 χ^2/NDF : 1175509.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288520.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

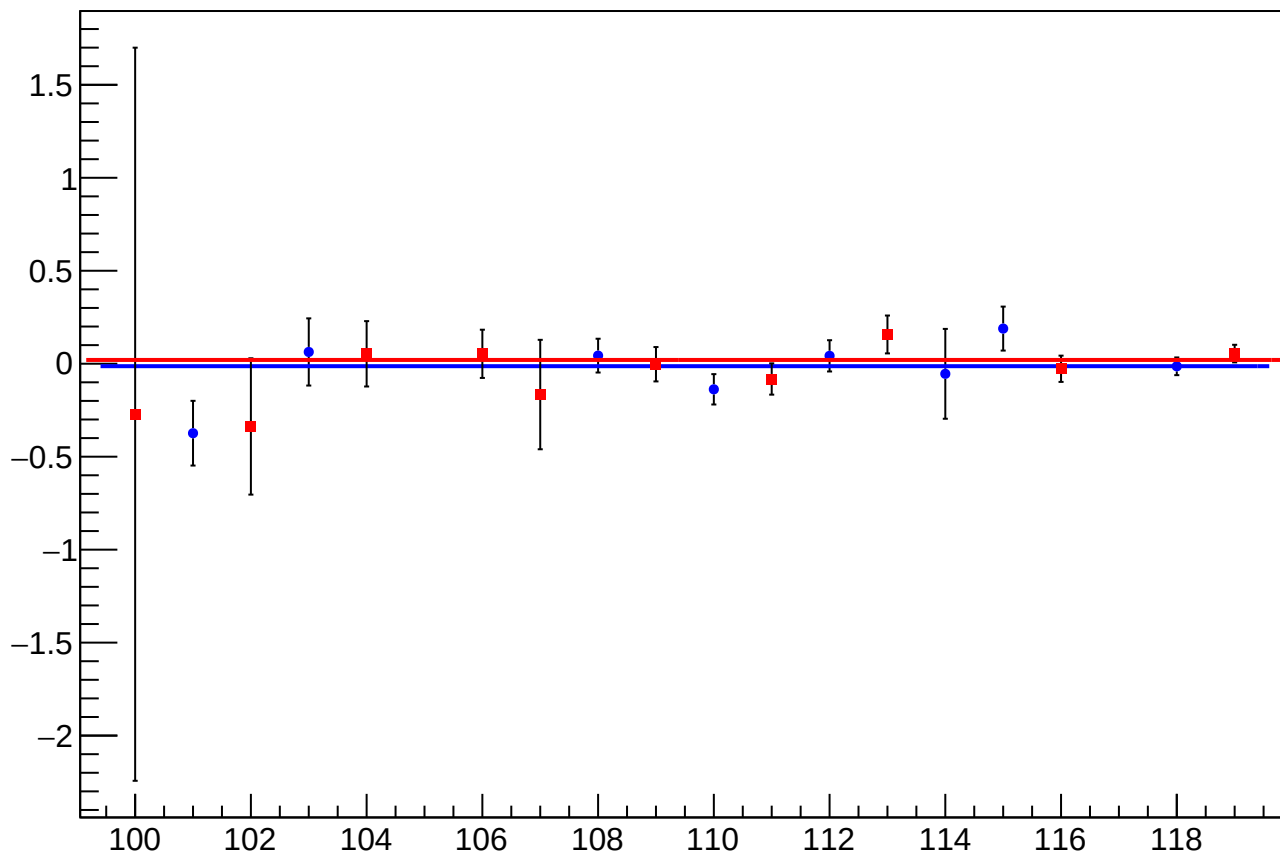
Right: 47.780+/-0.015 χ^2/NDF : 2464543.2/17

In: 48.146+/-0.022 χ^2/NDF : 1175509.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.780+/-0.015 χ^2/NDF : 2464543.2/17

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.032 χ^2 /NDF: 10.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.020+/-0.030 χ^2 /NDF: 5.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

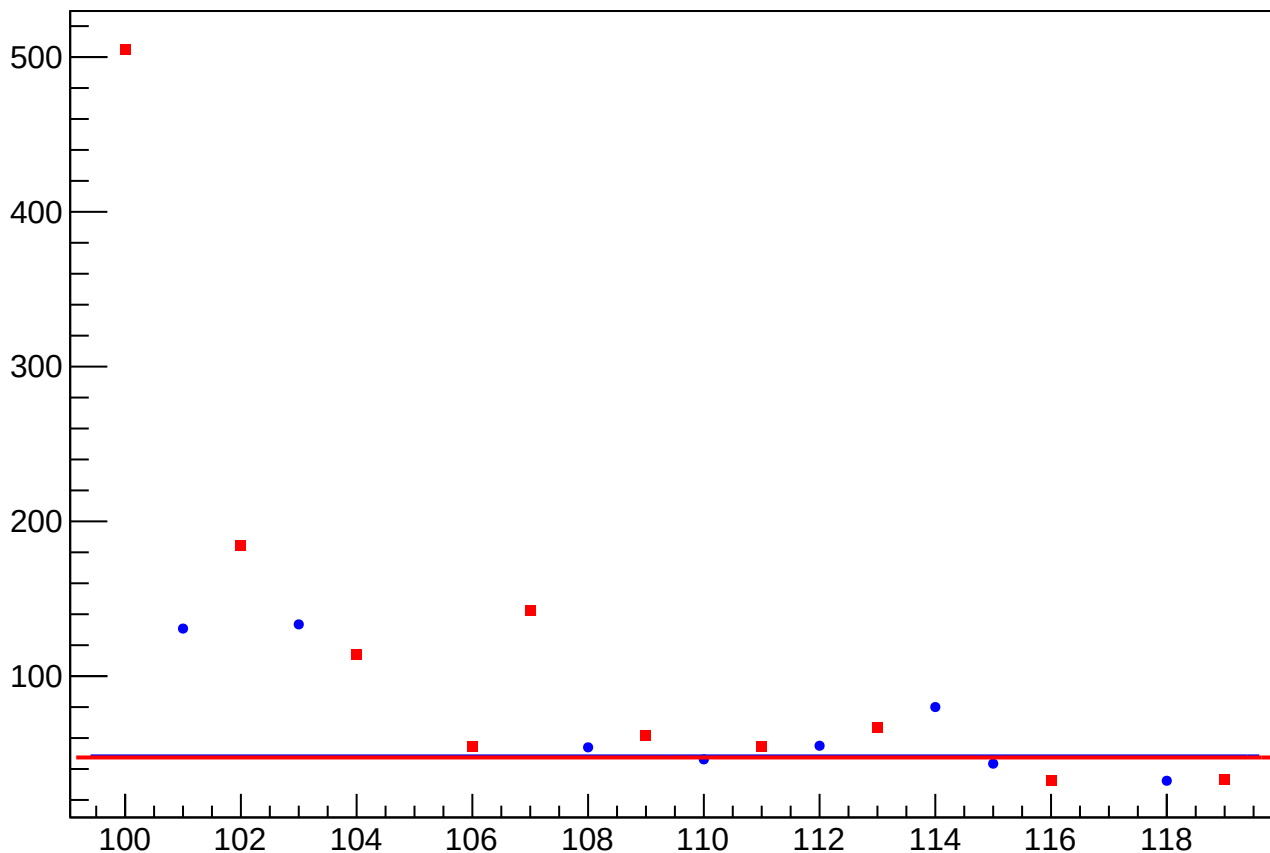
Right: 0.004+/-0.022 χ^2 /NDF: 17.0/17

In: -0.013+/-0.032 χ^2 /NDF:10.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.004+/-0.022 χ^2 /NDF: 17.0/17

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.146 $\pm$ 0.022 χ^2 /NDF: 1175509.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.449 $\pm$ 0.021 χ^2 /NDF: 1288520.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

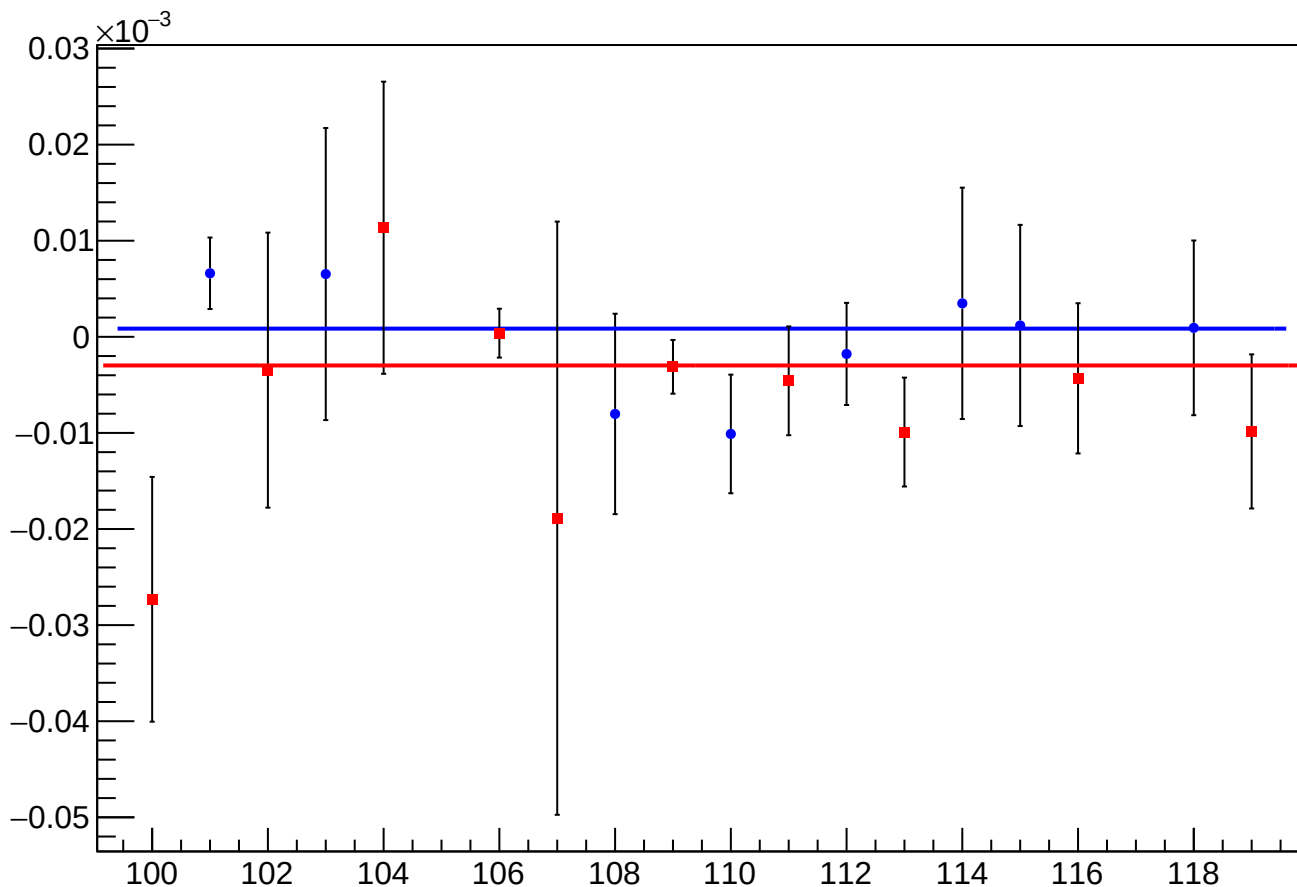
Right: 47.780 $\pm$ 0.015 χ^2 /NDF: 2464543.2/17

In: 48.146 $\pm$ 0.022 χ^2 /NDF:1175509.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.780 $\pm$ 0.015 χ^2 /NDF: 2464543.2/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

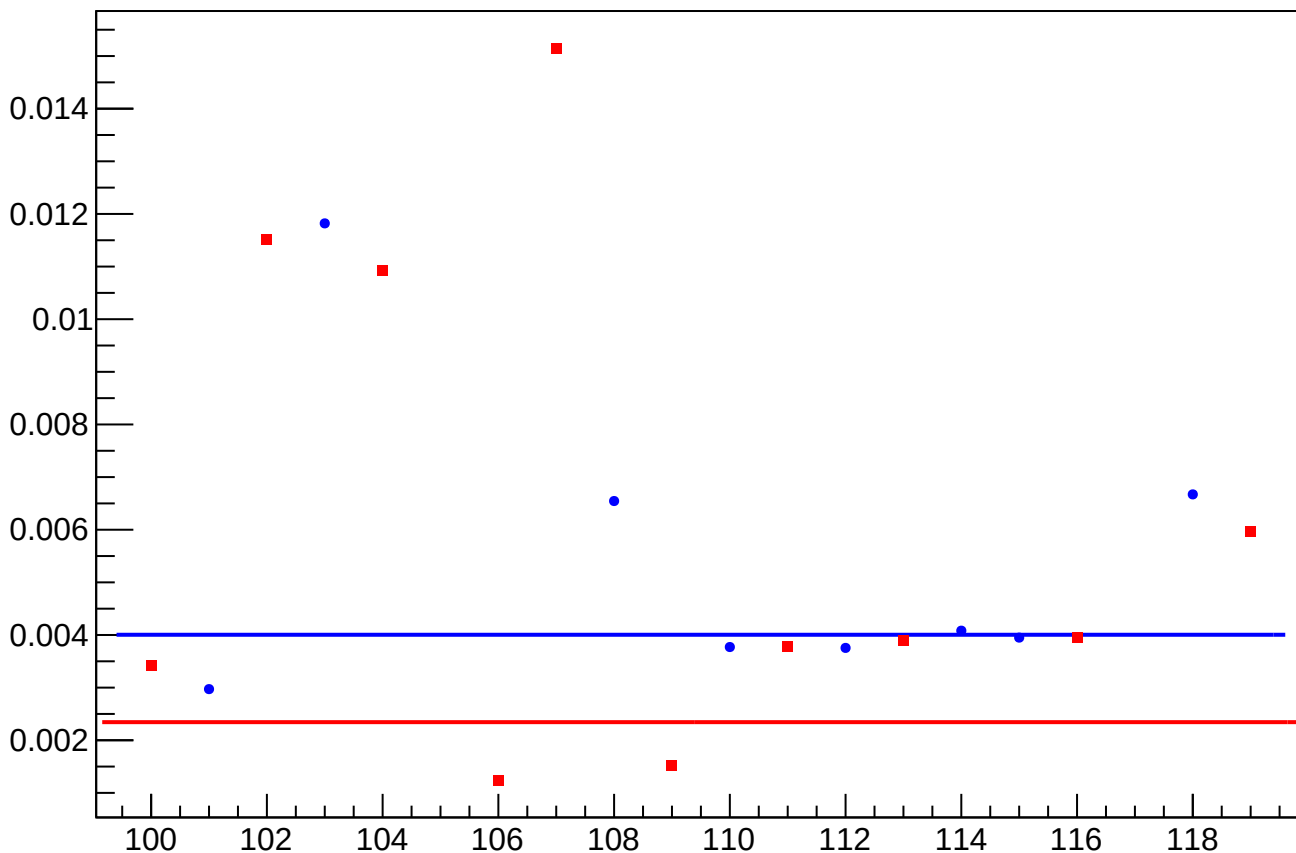
Right: -0.000+/-0.000 χ^2/NDF : 17.4/17

In: 0.000+/-0.000 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 981508.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3148866.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

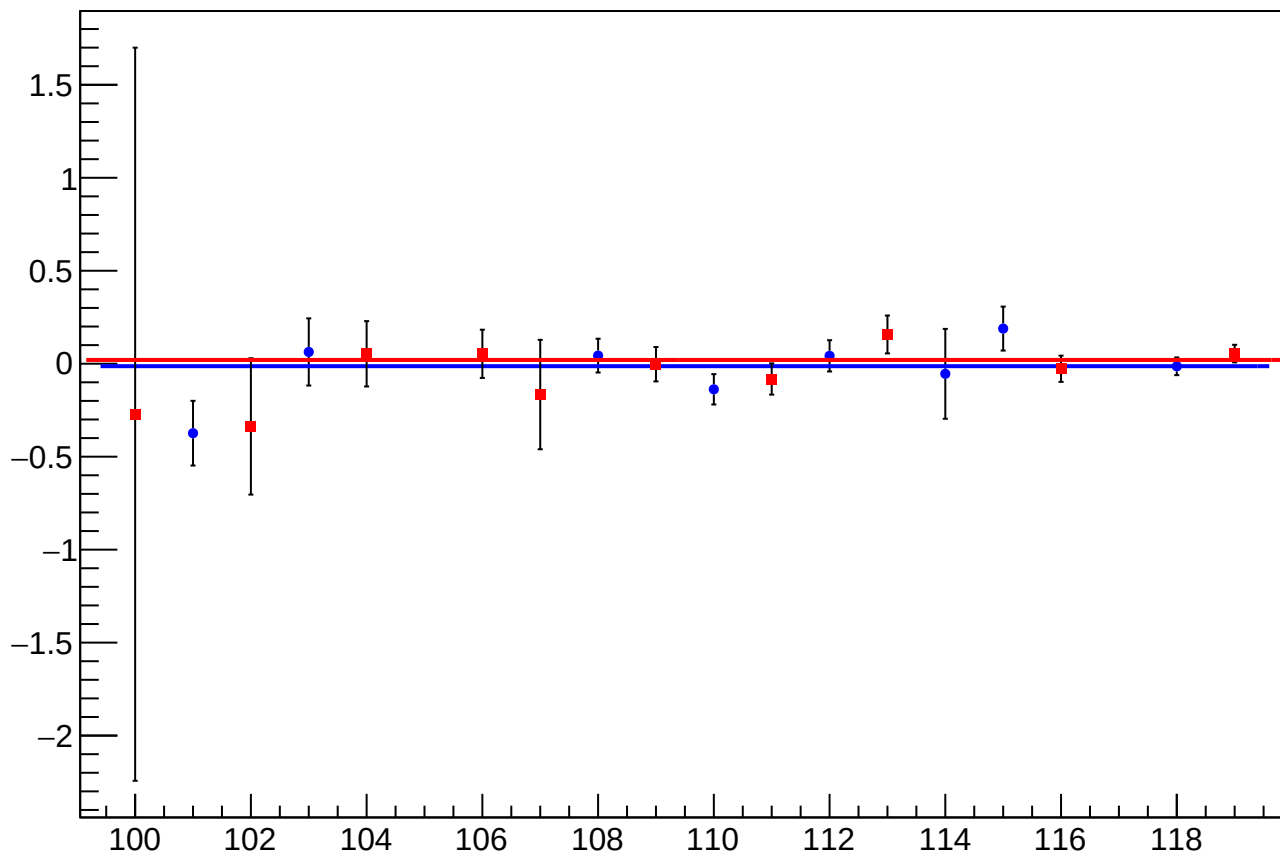
Right: 0.003+/-0.000 χ^2/NDF : 4799646.0/17

In: 0.004+/-0.000 χ^2/NDF : 981508.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4799646.0/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.032 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.020+/-0.030 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

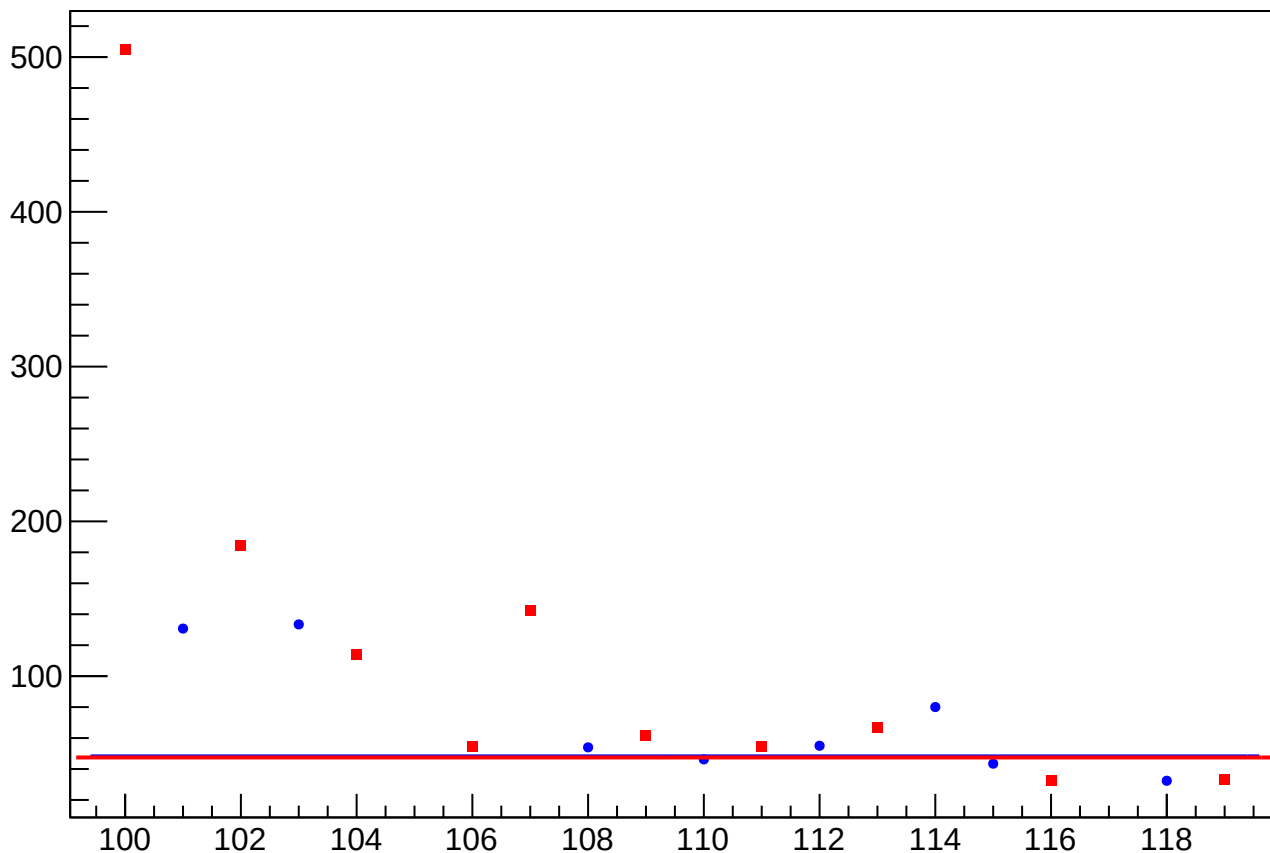
Right: 0.004+/-0.022 χ^2/NDF : 17.0/17

In: -0.013+/-0.032 χ^2/NDF :10.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.022 χ^2/NDF : 17.0/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.147+/-0.022 χ^2/NDF : 1175386.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288454.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

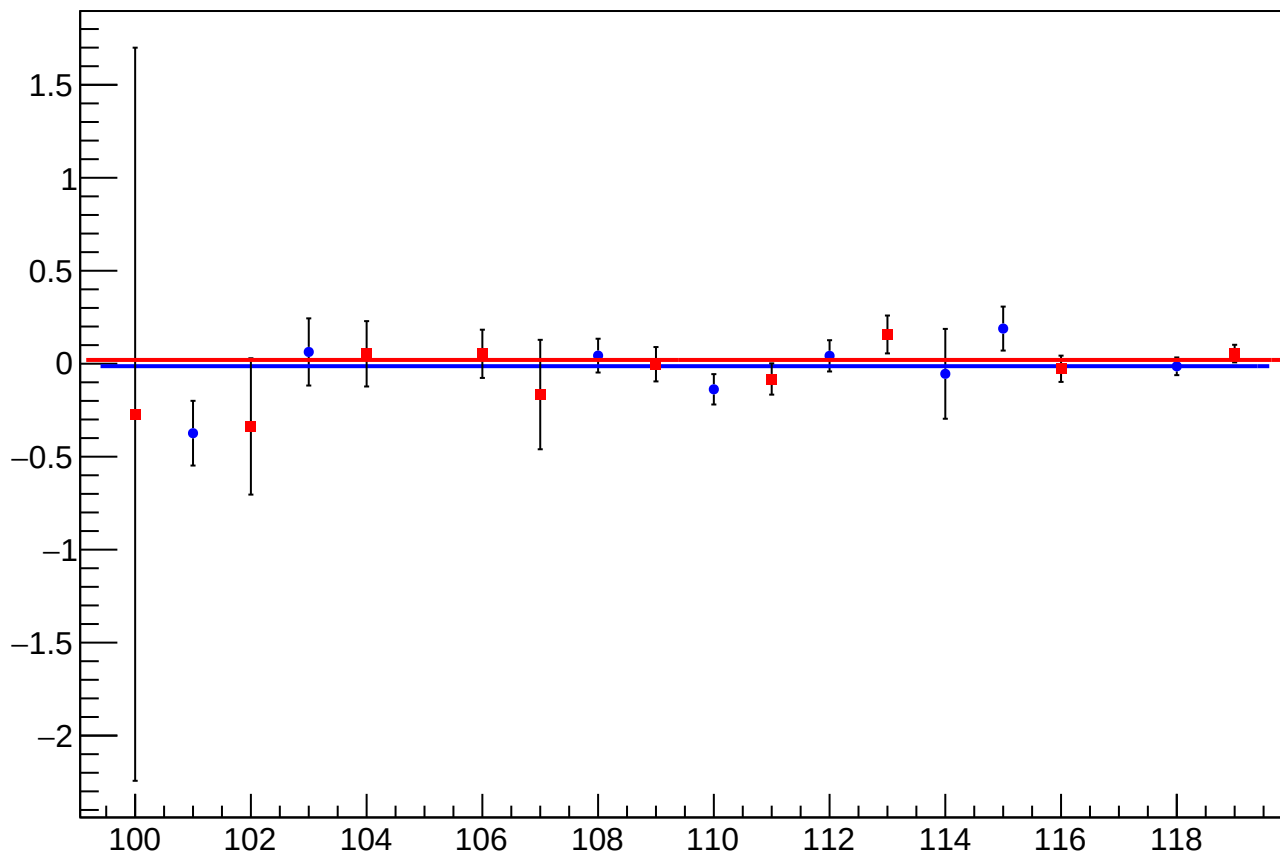
Right: 47.780+/-0.015 χ^2/NDF : 2464357.4/17

In: 48.147+/-0.022 χ^2/NDF : 1175386.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.780+/-0.015 χ^2/NDF : 2464357.4/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.032 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.030 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

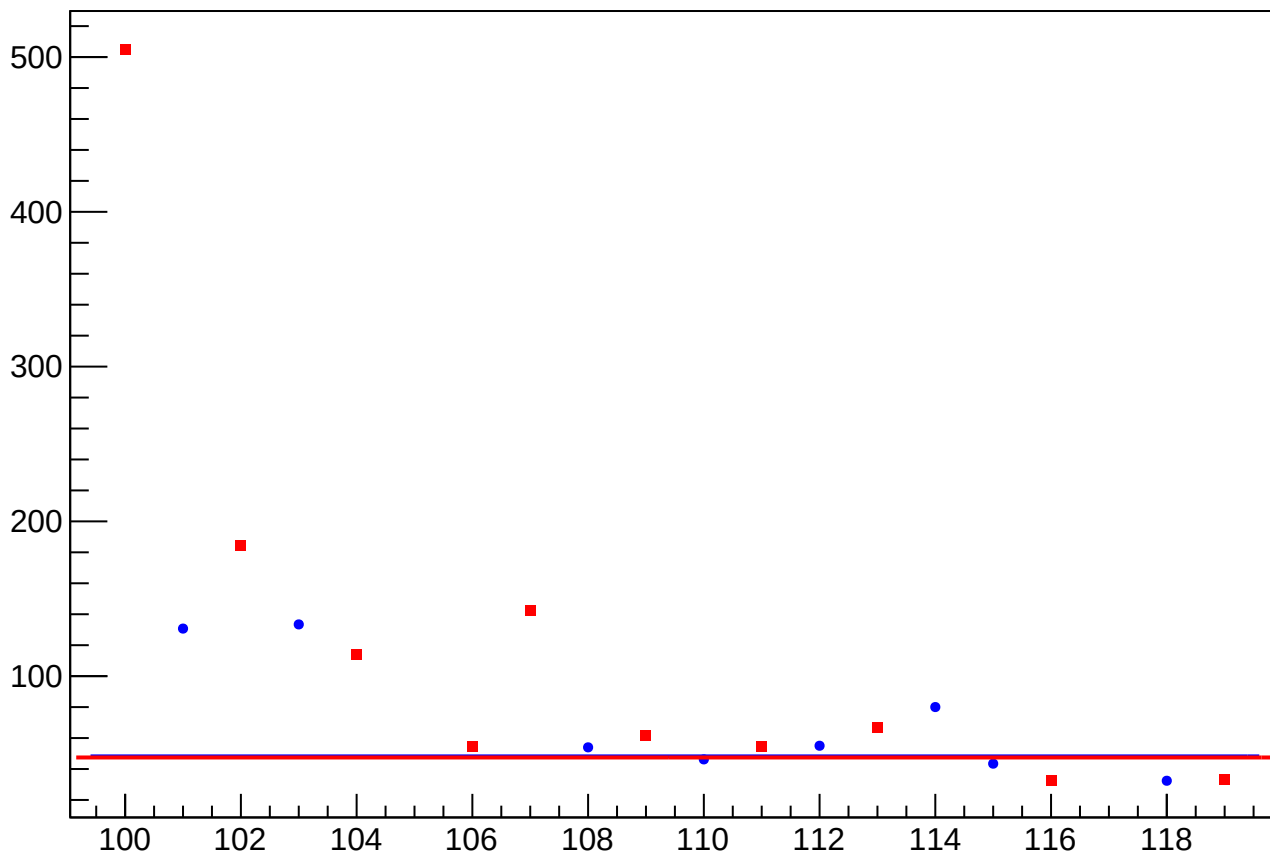
Right: 0.004+/-0.022 χ^2/NDF : 17.0/17

In: -0.013+/-0.032 χ^2/NDF : 10.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.022 χ^2/NDF : 17.0/17

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.147+/-0.022 χ^2/NDF : 1175386.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 47.449+/-0.021 χ^2/NDF : 1288454.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

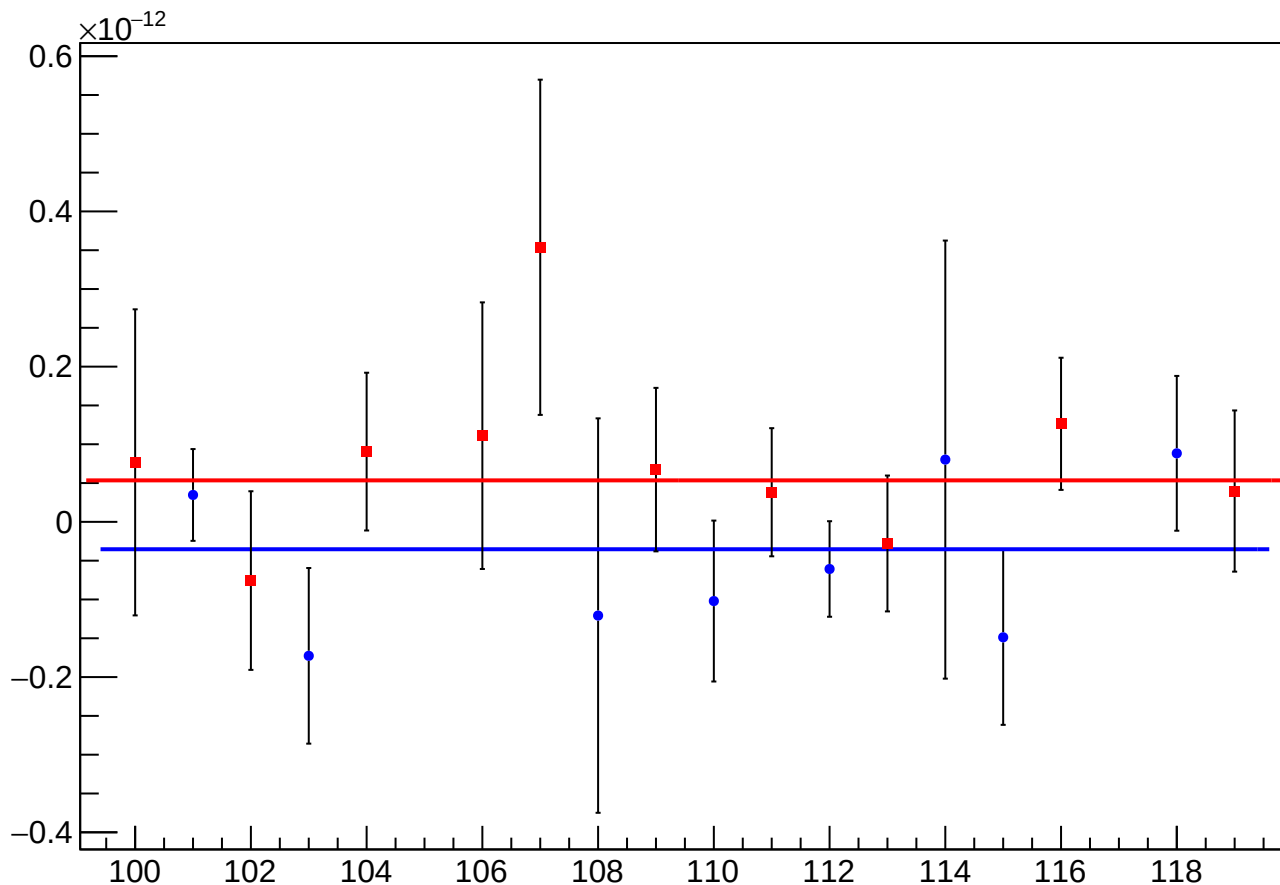
Right: 47.780+/-0.015 χ^2/NDF : 2464357.4/17

In: 48.147+/-0.022 χ^2/NDF :1175386.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 47.780+/-0.015 χ^2/NDF : 2464357.4/17

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 : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

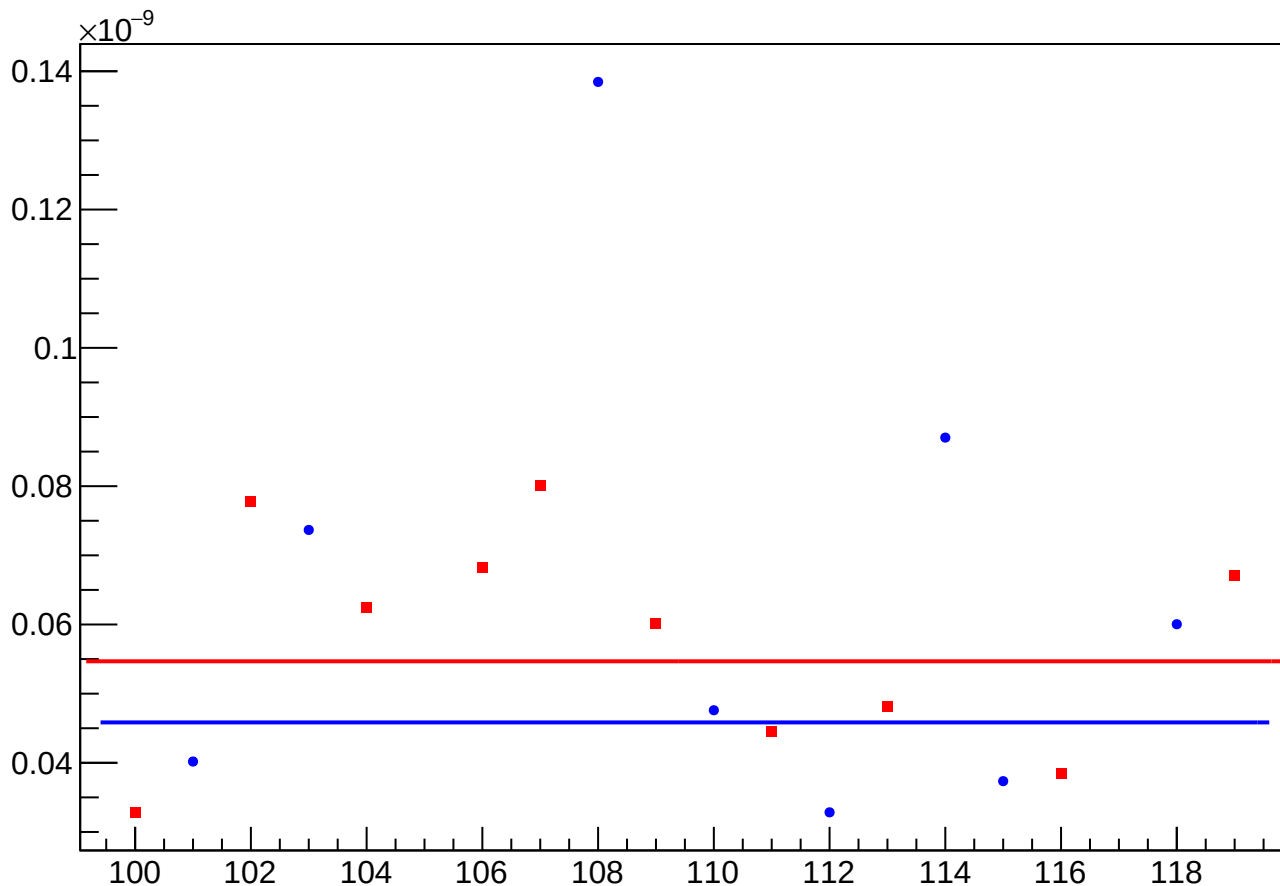
Right: 0.000+/-0.000 χ^2/NDF : 14.9/17

In: -0.000+/-0.000 χ^2/NDF :6.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/17

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 : 589230.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 305669.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

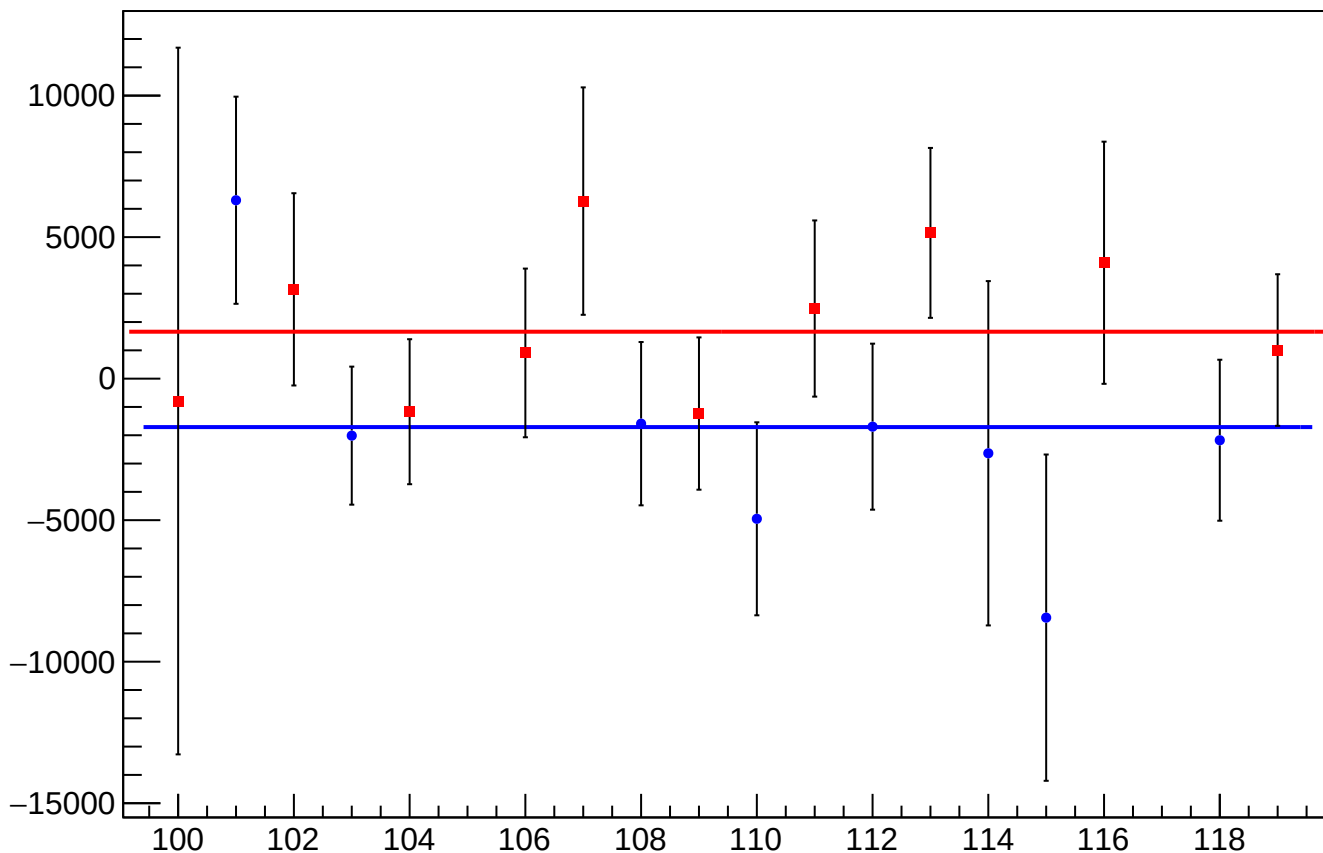
Right: 0.000+/-0.000 χ^2/NDF : 964260.5/17

In: 0.000+/-0.000 χ^2/NDF : 589230.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 964260.5/17

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1711.321+/-1157.739 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1658.452+/-1017.133 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

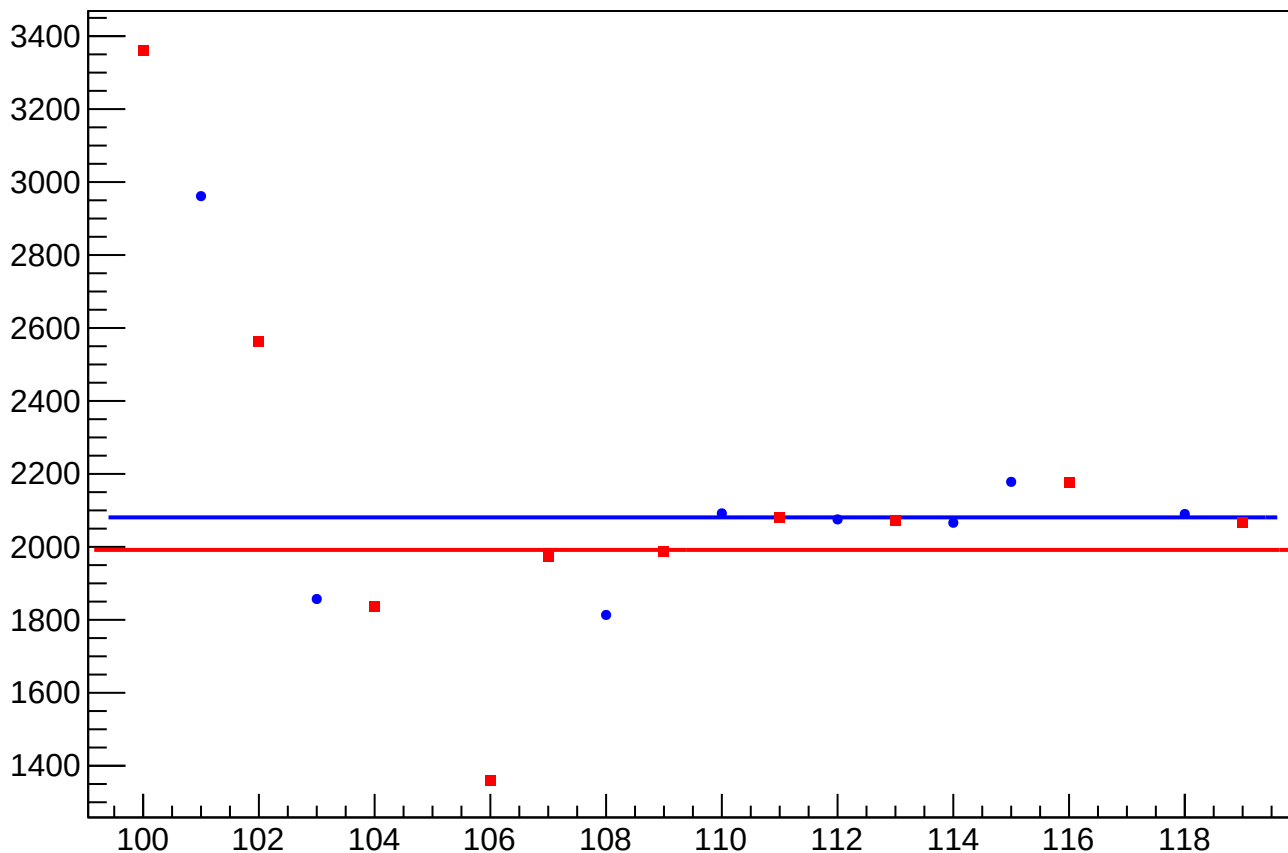
Right: 190.516+/-764.124 χ^2/NDF : 17.7/17

In: -1711.321+/-1157.739 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.516+/-764.124 χ^2/NDF : 17.7/17

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2080.862+/-0.819 χ^2/NDF : 150466.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1991.726+/-0.719 χ^2/NDF : 185797.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

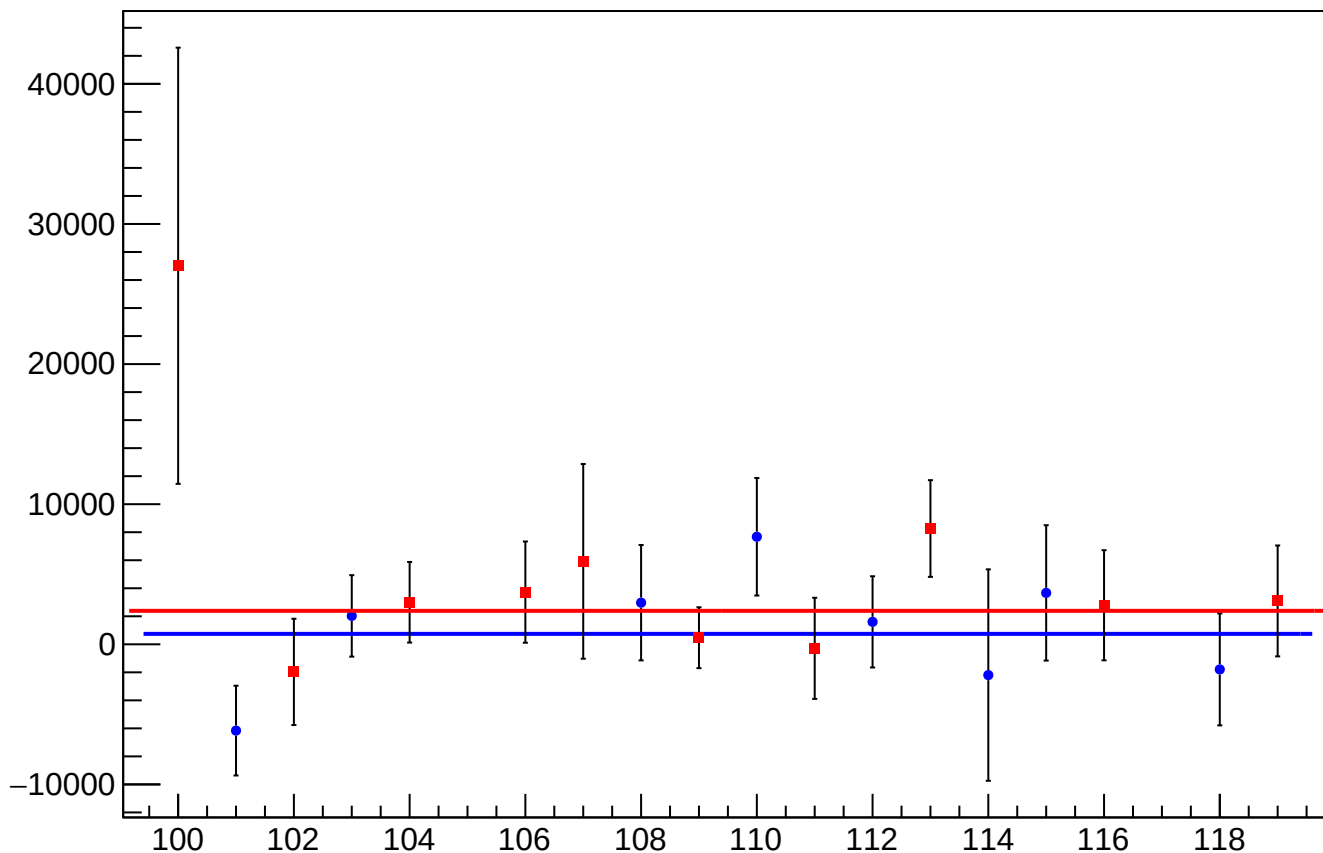
Right: 2030.555+/-0.540 χ^2/NDF : 342955.2/17

In: 2080.862+/-0.819 χ^2/NDF : 150466.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2030.555+/-0.540 χ^2/NDF : 342955.2/17

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 744.823+/-1349.630 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2388.689+/-1122.840 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

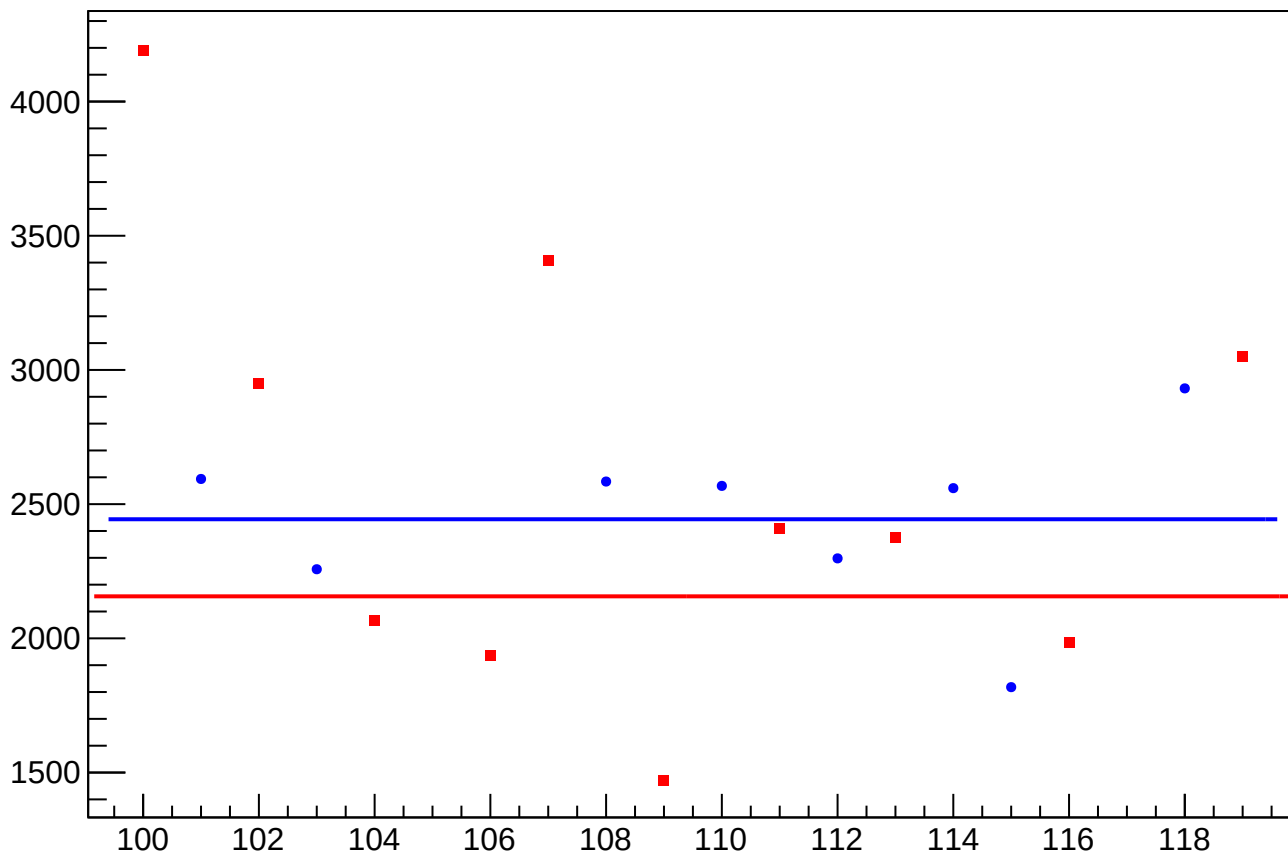
Right: 1716.283+/-863.172 χ^2/NDF : 18.3/17

In: 744.823+/-1349.630 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1716.283+/-863.172 χ^2/NDF : 18.3/17

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2443.709+/-0.954 χ^2/NDF : 84491.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2156.527+/-0.794 χ^2/NDF : 519072.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

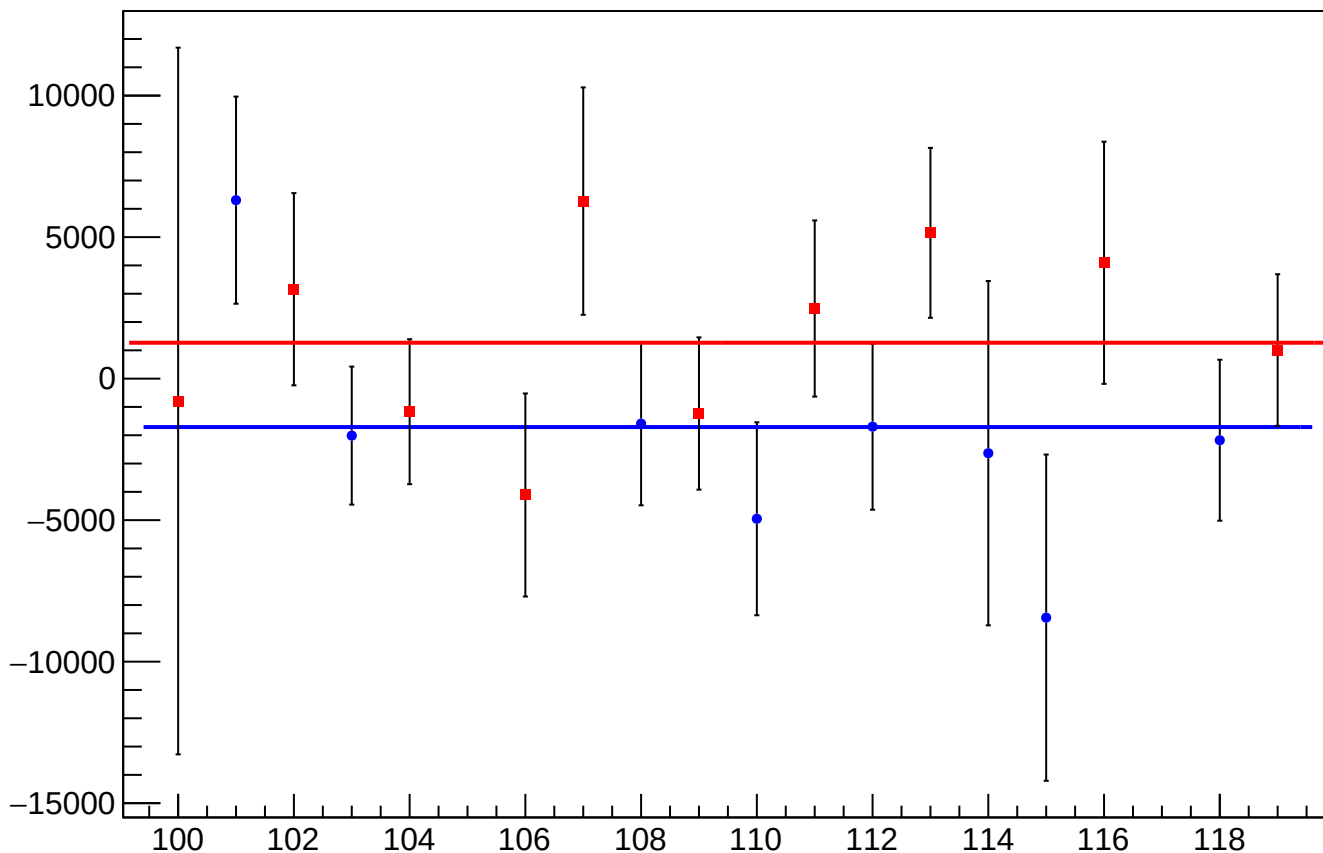
Right: 2273.996+/-0.610 χ^2/NDF : 657079.0/17

In: 2443.709+/-0.954 χ^2/NDF : 84491.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2273.996+/-0.610 χ^2/NDF : 657079.0/17

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1711.088+/-1157.739 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.338+/-1036.010 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

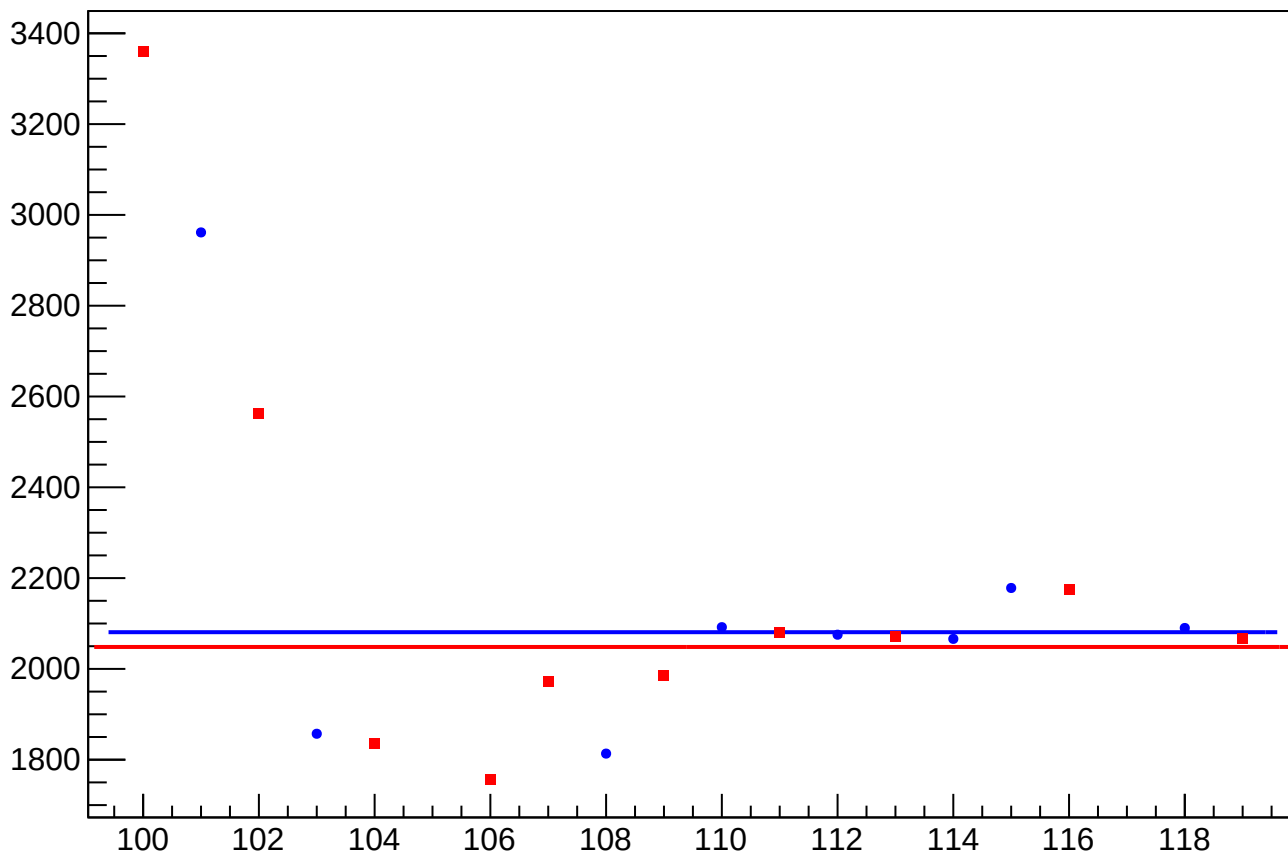
Right: -56.556+/-772.032 χ^2/NDF : 19.0/17

In: -1711.088+/-1157.739 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.556+/-772.032 χ^2/NDF : 19.0/17

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2080.862+/-0.819 χ^2/NDF : 150467.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.321+/-0.733 χ^2/NDF : 98828.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

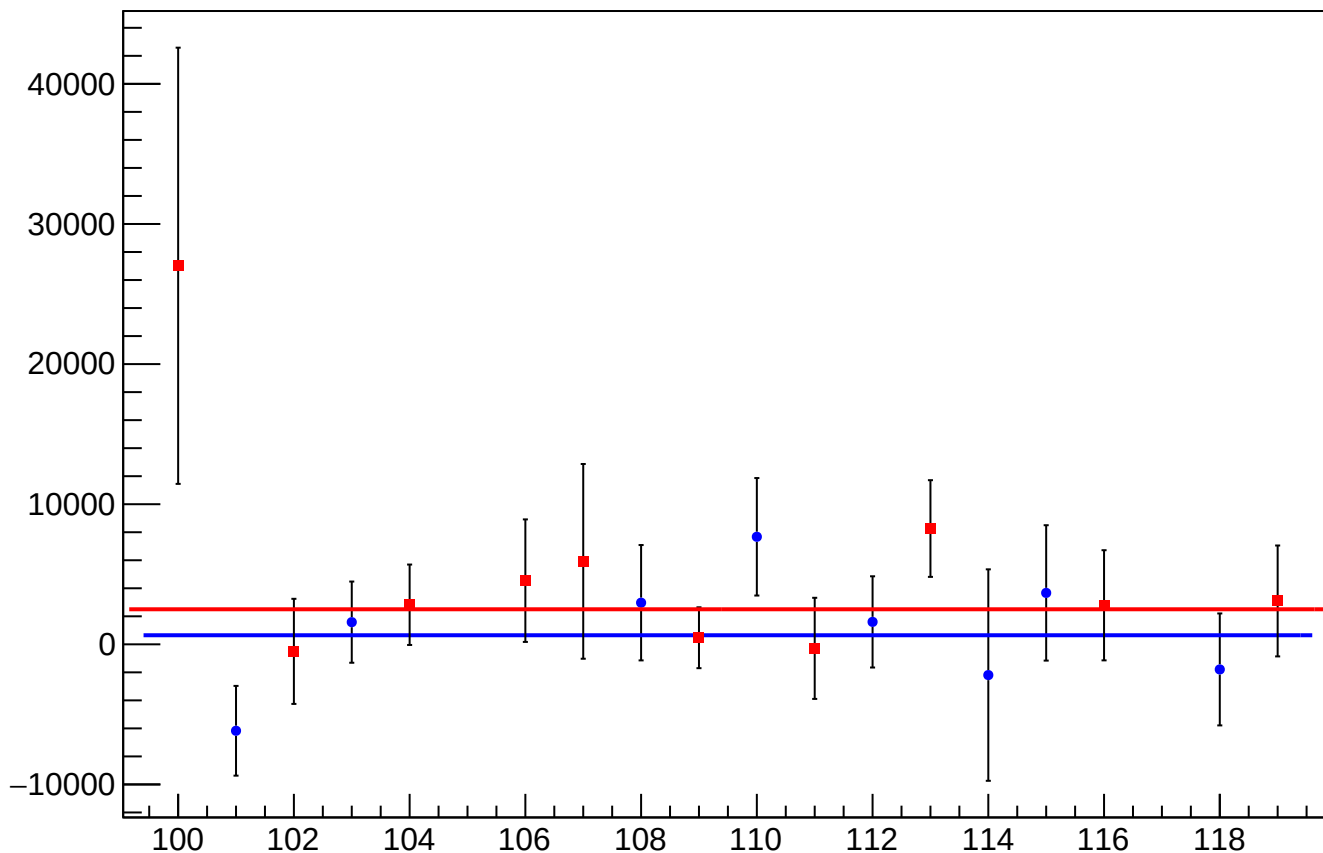
Right: 2062.791+/-0.546 χ^2/NDF : 250172.5/17

In: 2080.862+/-0.819 χ^2/NDF : 150467.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.791+/-0.546 χ^2/NDF : 250172.5/17

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 647.952+/-1348.506 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.480+/-1138.855 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

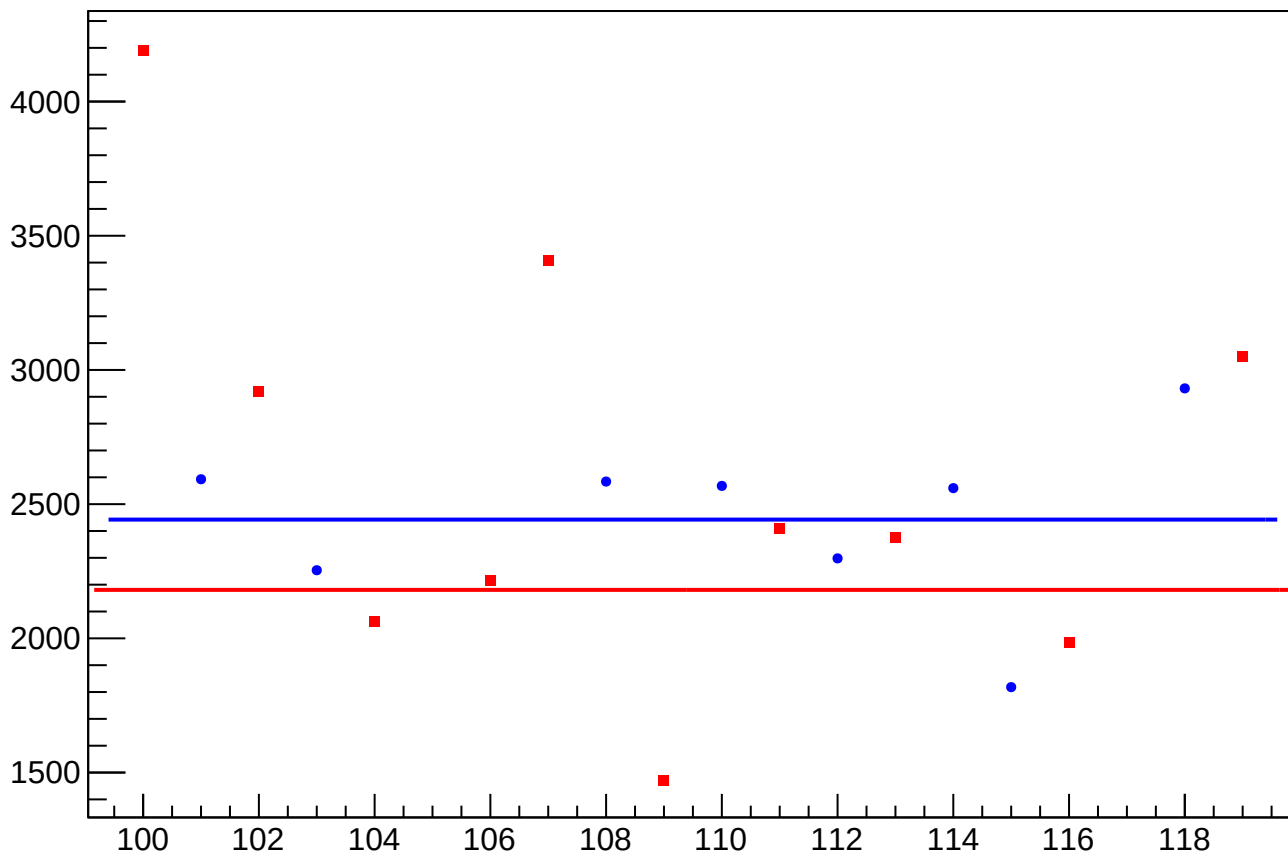
Right: 1729.842+/-870.082 χ^2/NDF : 17.7/17

In: 647.952+/-1348.506 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.842+/-870.082 χ^2/NDF : 17.7/17

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2442.476+/-0.954 χ^2/NDF : 84805.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.577+/-0.805 χ^2/NDF : 506820.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

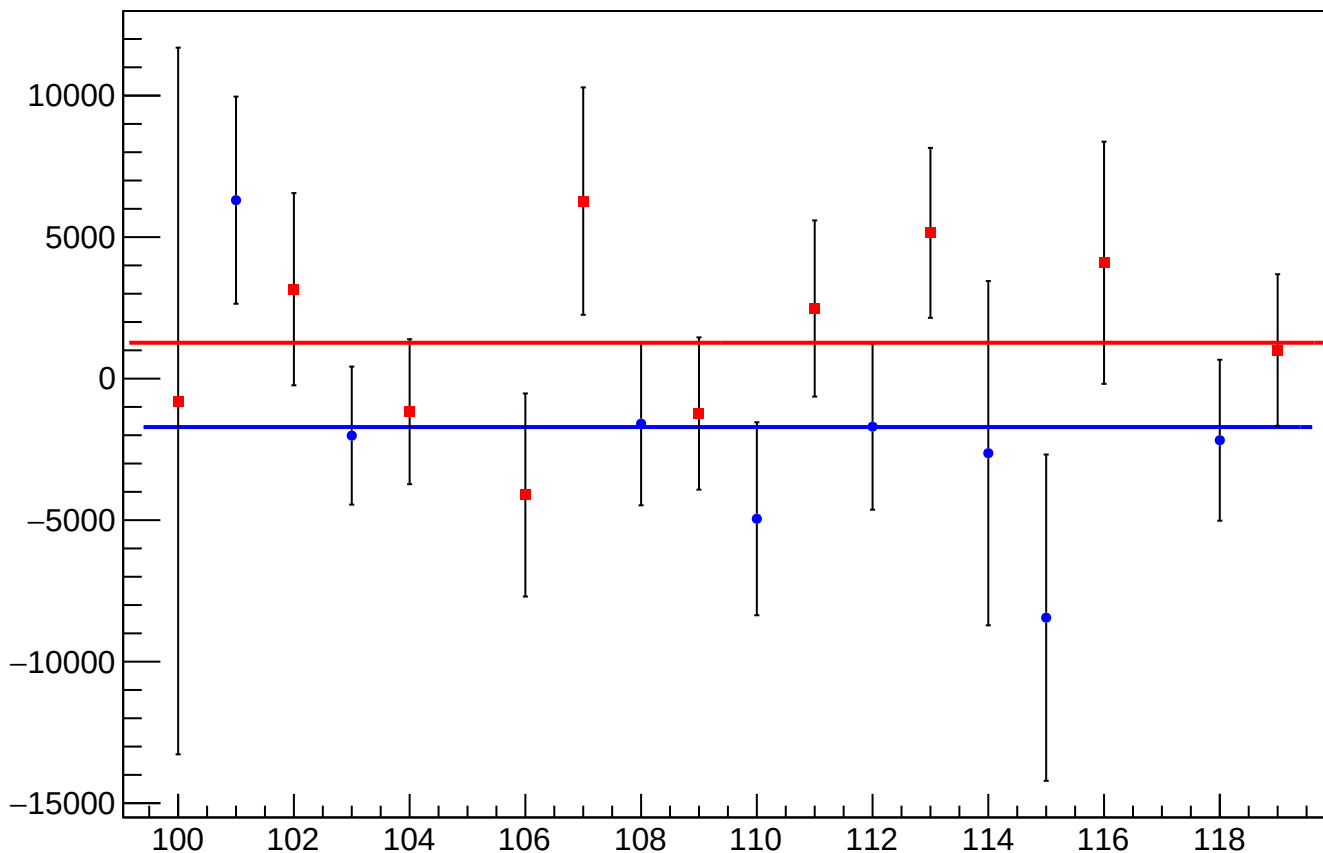
Right: 2289.608+/-0.615 χ^2/NDF : 635658.4/17

In: 2442.476+/-0.954 χ^2/NDF : 84805.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2289.608+/-0.615 χ^2/NDF : 635658.4/17

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1711.088+/-1157.739 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1268.338+/-1036.010 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

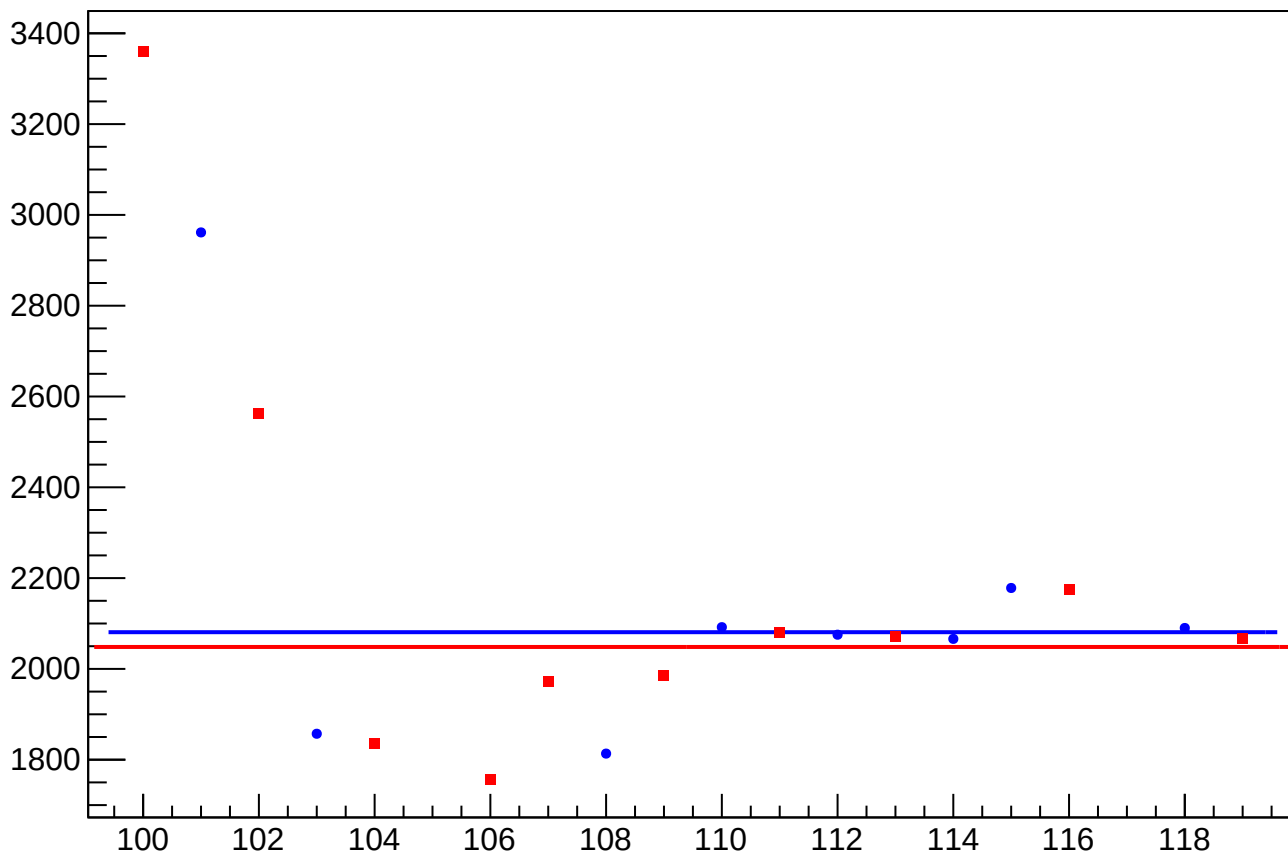
Right: -56.556+/-772.032 χ^2/NDF : 19.0/17

In: -1711.088+/-1157.739 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.556+/-772.032 χ^2/NDF : 19.0/17

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2080.862+/-0.819 χ^2/NDF : 150467.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.321+/-0.733 χ^2/NDF : 98828.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

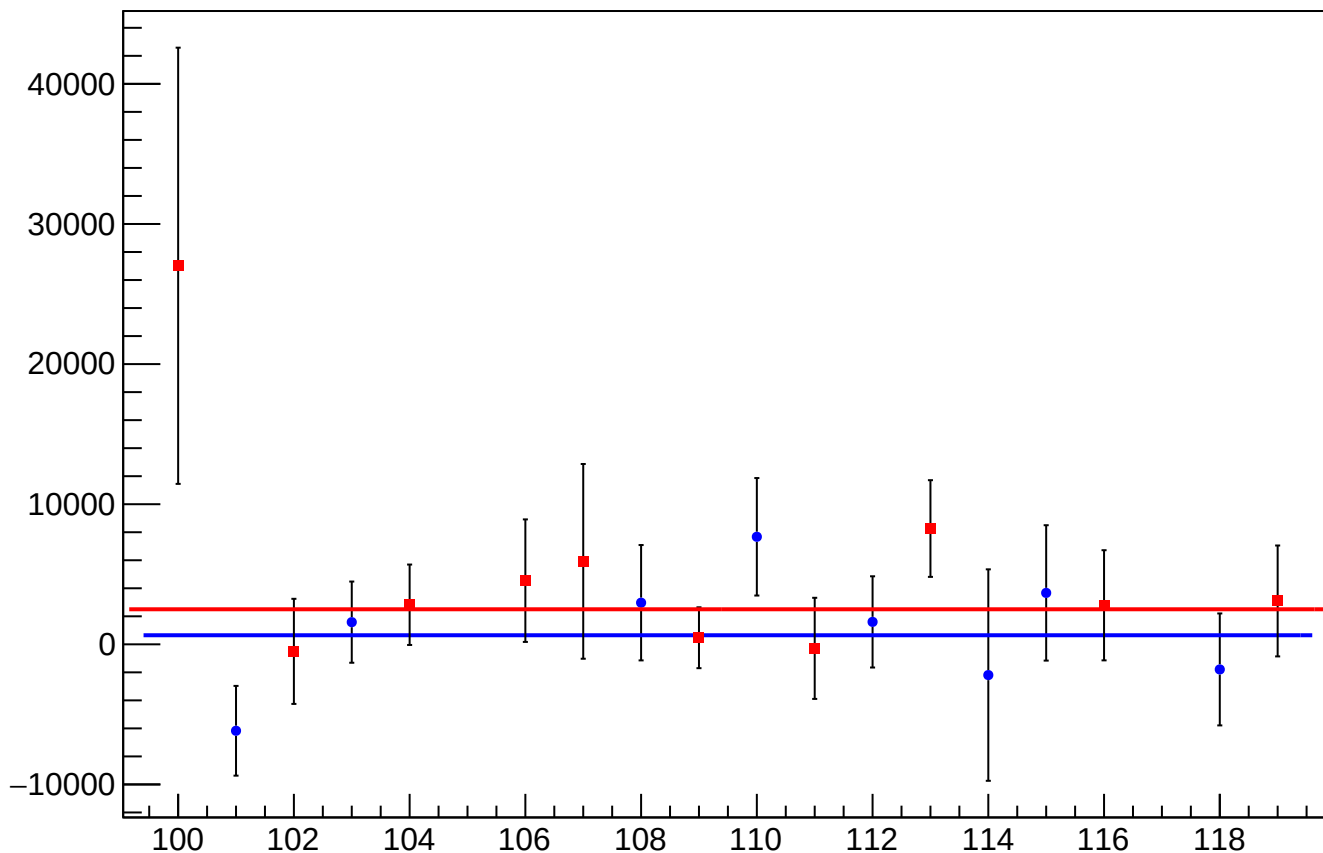
Right: 2062.791+/-0.546 χ^2/NDF : 250172.5/17

In: 2080.862+/-0.819 χ^2/NDF : 150467.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.791+/-0.546 χ^2/NDF : 250172.5/17

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 647.952+/-1348.506 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2501.480+/-1138.855 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

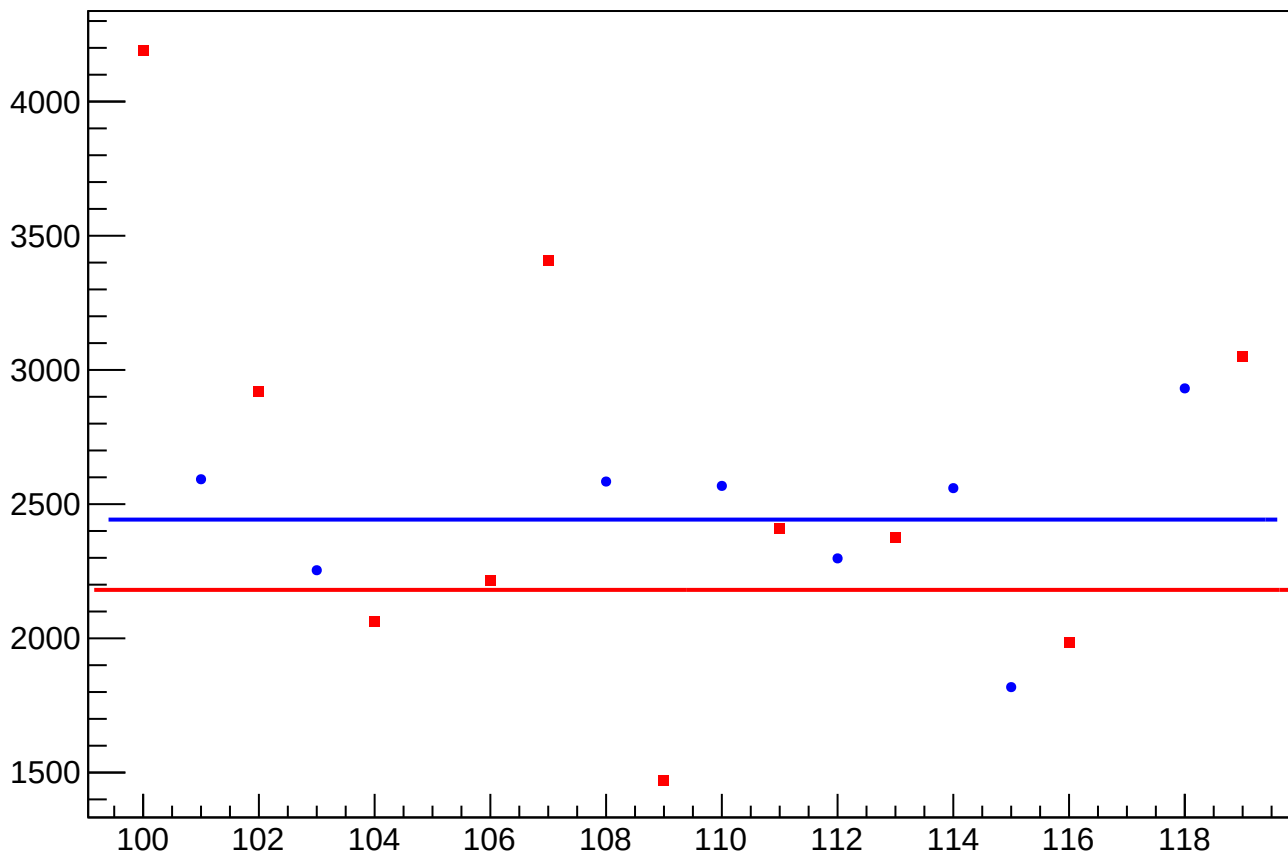
Right: 1729.842+/-870.082 χ^2/NDF : 17.7/17

In: 647.952+/-1348.506 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1729.842+/-870.082 χ^2/NDF : 17.7/17

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2442.476+/-0.954 χ^2/NDF : 84805.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2180.577+/-0.805 χ^2/NDF : 506820.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

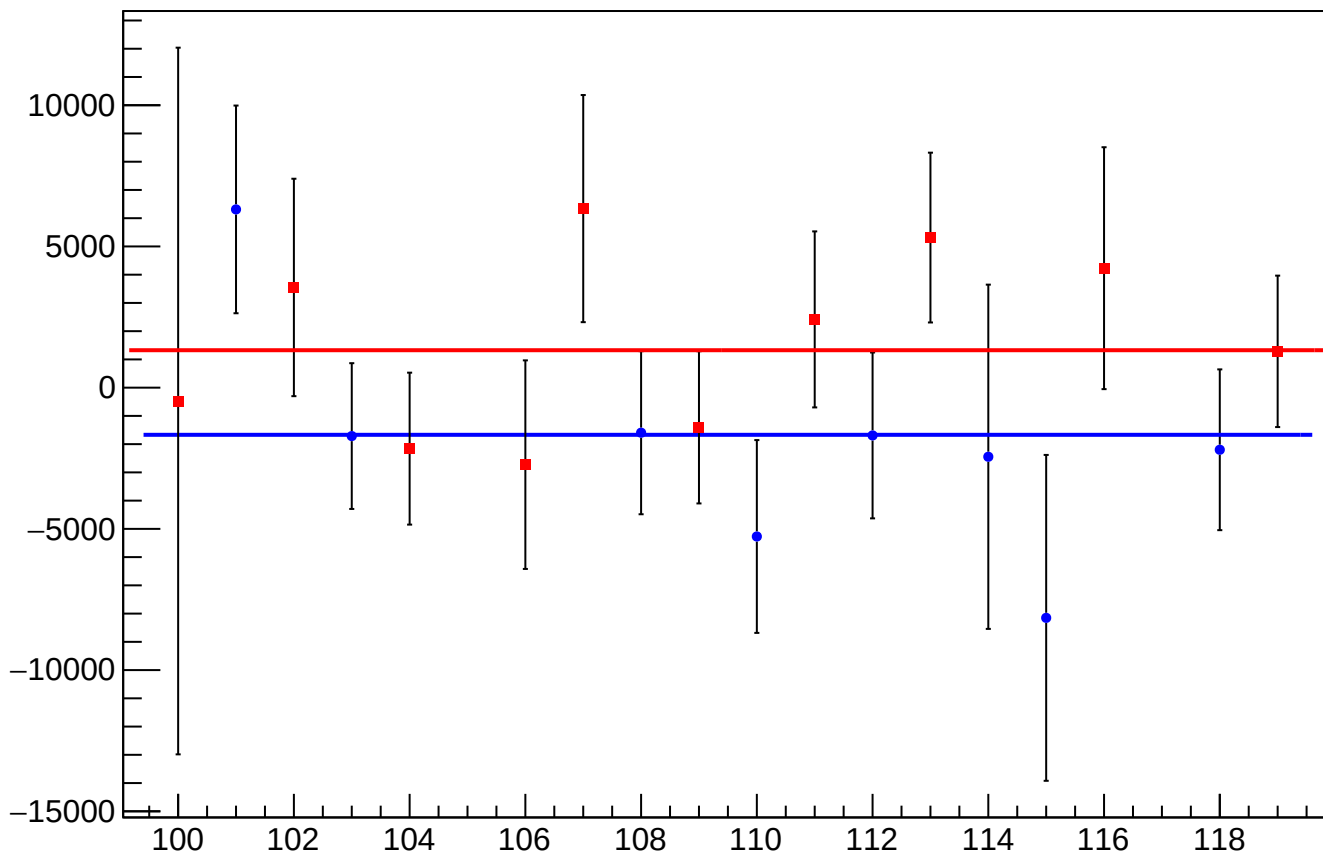
Right: 2289.608+/-0.615 χ^2/NDF : 635658.4/17

In: 2442.476+/-0.954 χ^2/NDF : 84805.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2289.608+/-0.615 χ^2/NDF : 635658.4/17

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1669.601+/-1173.420 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.618+/-1058.602 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

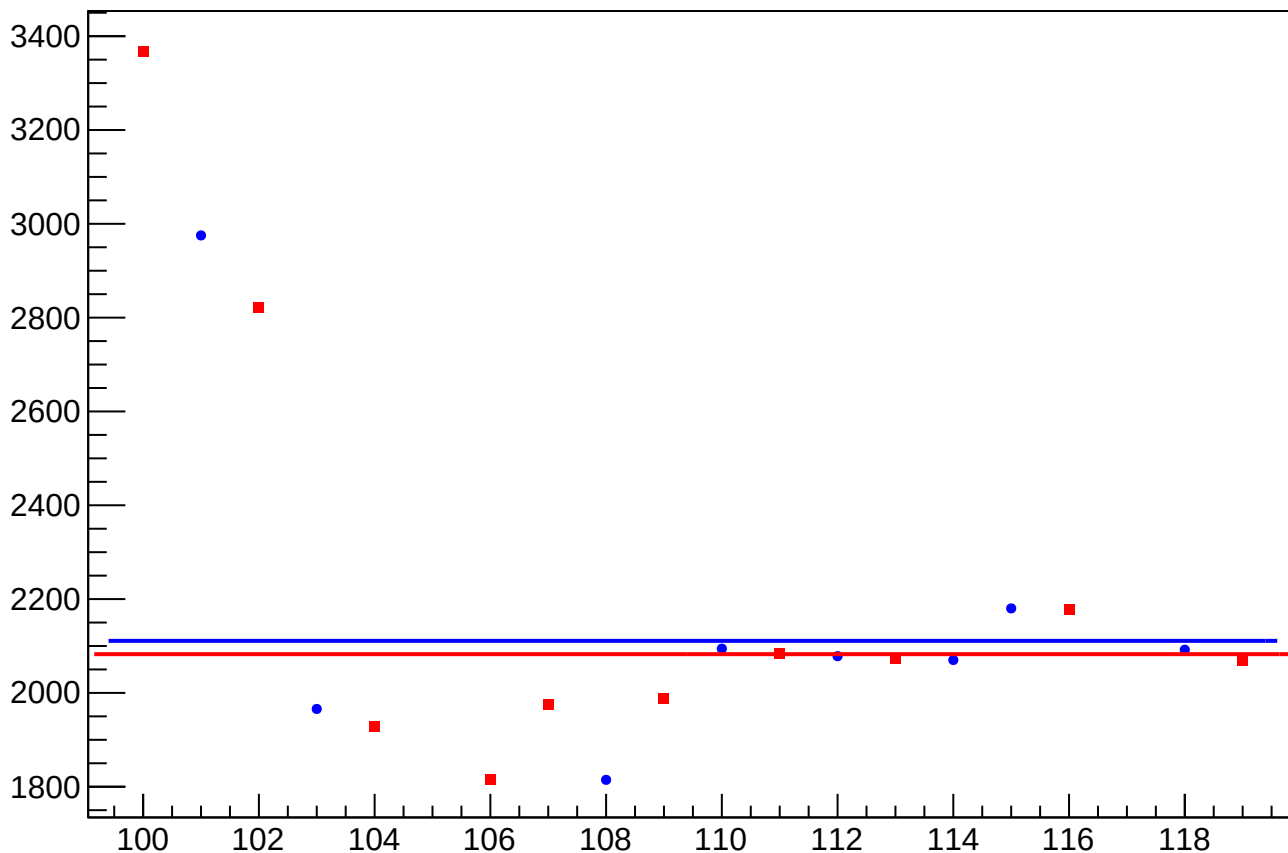
Right: -18.321+/-786.011 χ^2/NDF : 18.9/17

In: -1669.601+/-1173.420 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.321+/-786.011 χ^2/NDF : 18.9/17

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2110.988+/-0.830 χ^2/NDF : 138659.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.578+/-0.749 χ^2/NDF : 116697.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

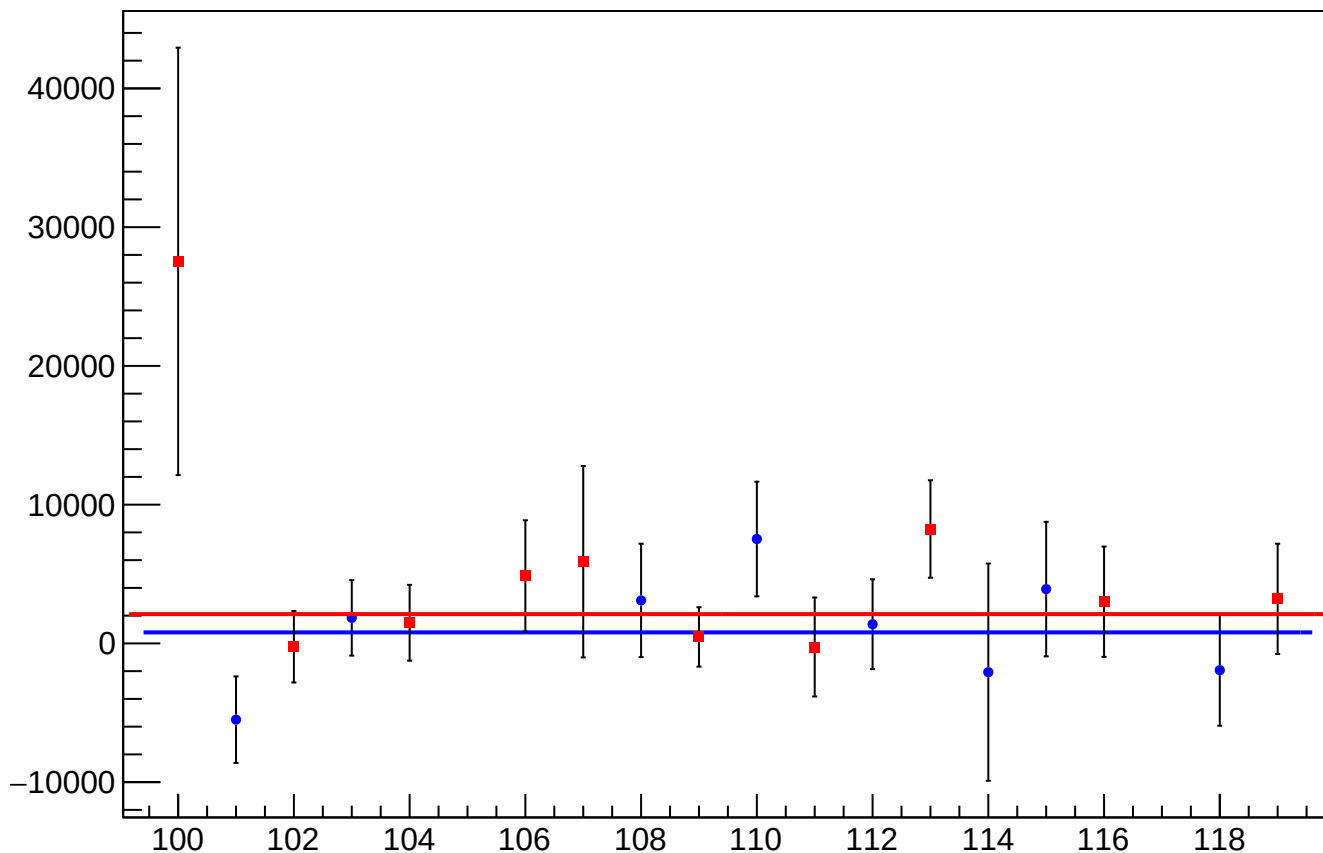
Right: 2095.325+/-0.556 χ^2/NDF : 256002.9/17

In: 2110.988+/-0.830 χ^2/NDF : 138659.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.325+/-0.556 χ^2/NDF : 256002.9/17

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 793.083+/-1321.279 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.041+/-1068.324 χ^2/NDF : 8.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

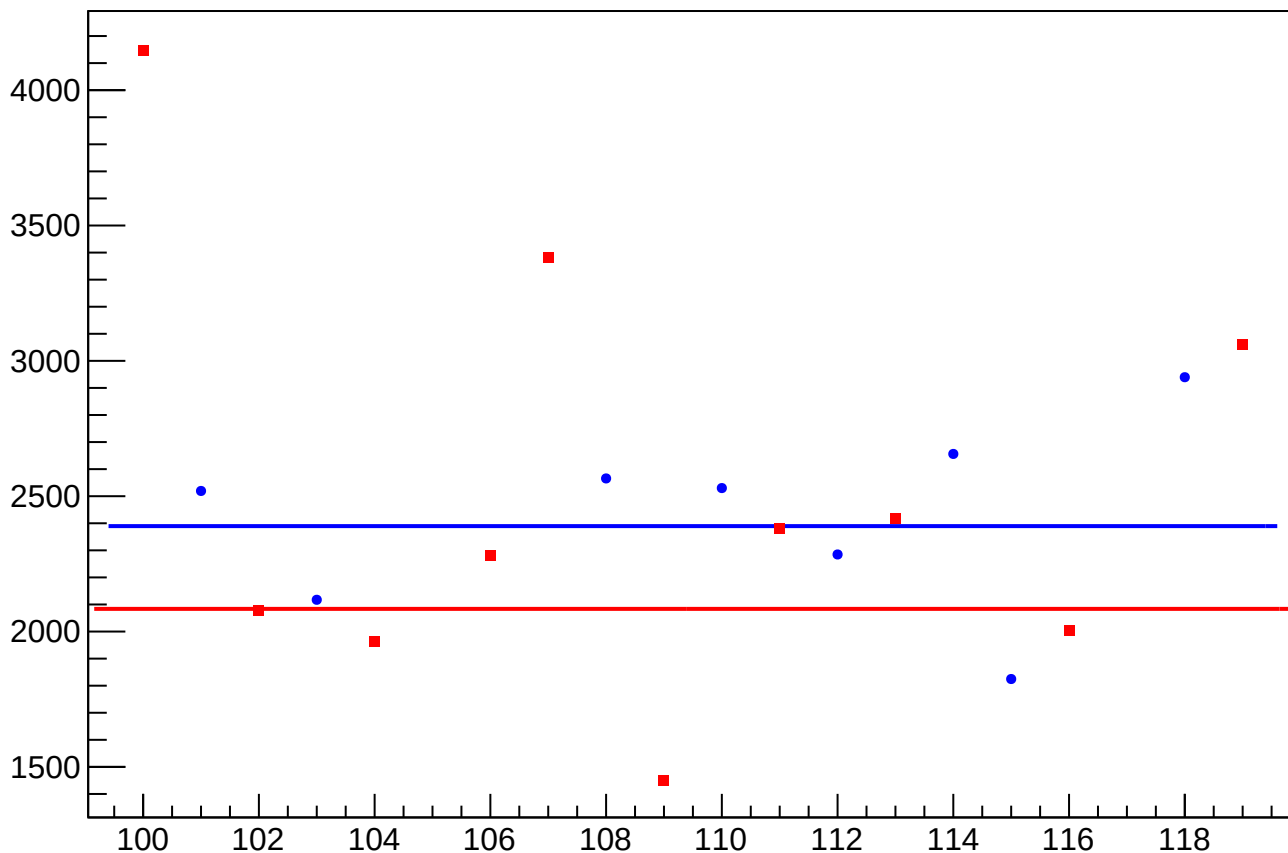
Right: 1589.425+/-830.744 χ^2/NDF : 17.4/17

In: 793.083+/-1321.279 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.425+/-830.744 χ^2/NDF : 17.4/17

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2389.506+/-0.934 χ^2/NDF : 98758.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.772+/-0.755 χ^2/NDF : 444318.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

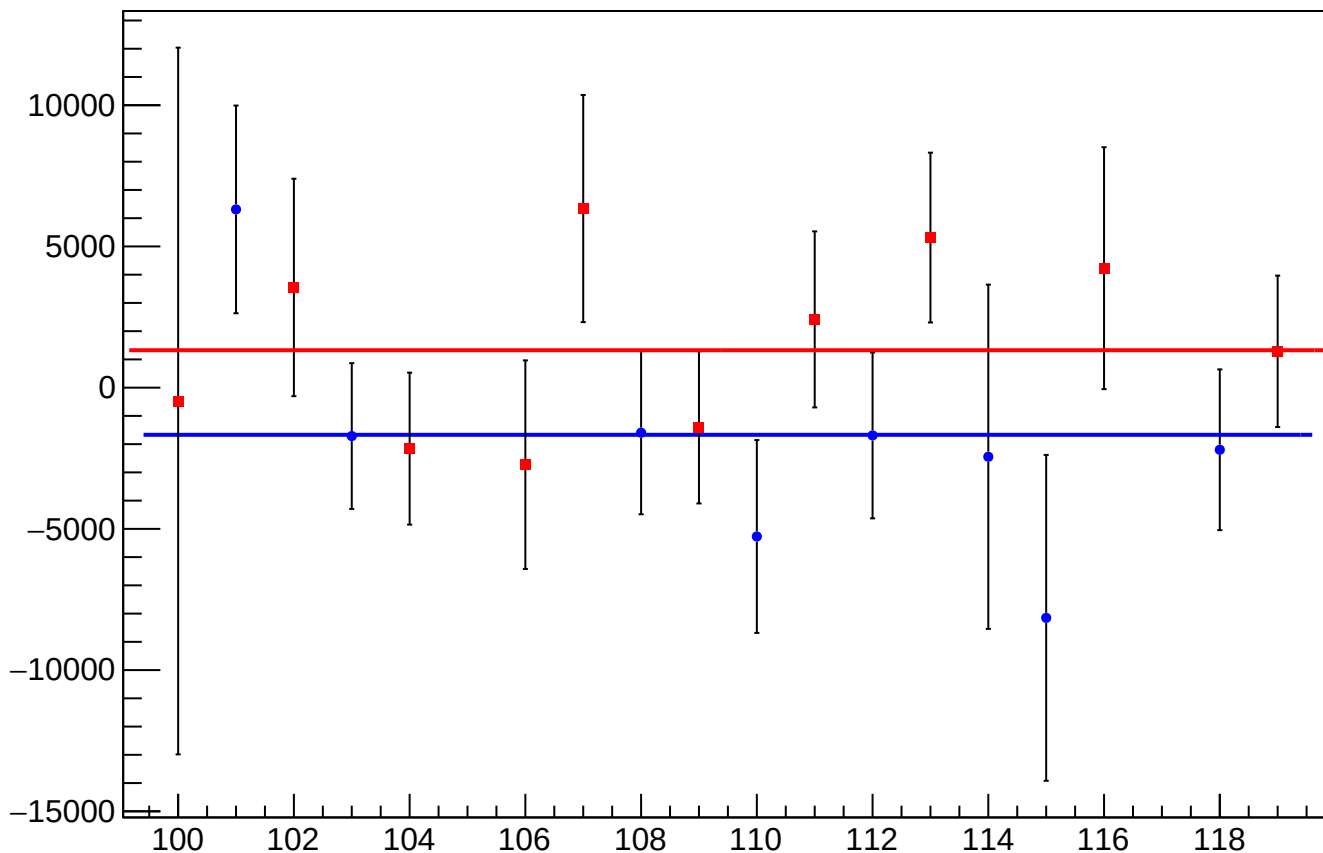
Right: 2204.634+/-0.587 χ^2/NDF : 607830.0/17

In: 2389.506+/-0.934 χ^2/NDF : 98758.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.634+/-0.587 χ^2/NDF : 607830.0/17

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1669.594+/-1173.420 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.615+/-1058.602 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

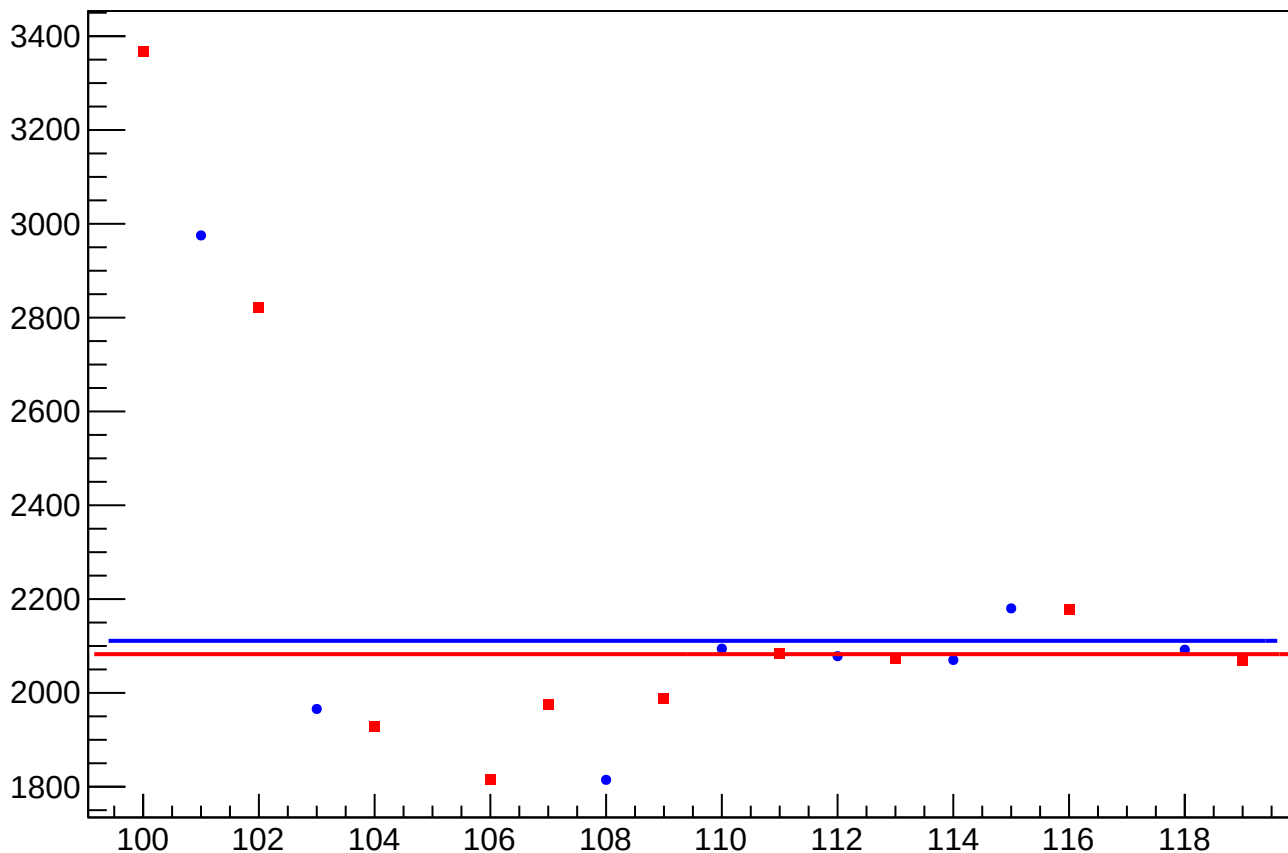
Right: -18.320+/-786.011 χ^2/NDF : 18.9/17

In: -1669.594+/-1173.420 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.320+/-786.011 χ^2/NDF : 18.9/17

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2110.988+/-0.830 χ^2/NDF : 138659.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2082.578+/-0.749 χ^2/NDF : 116697.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

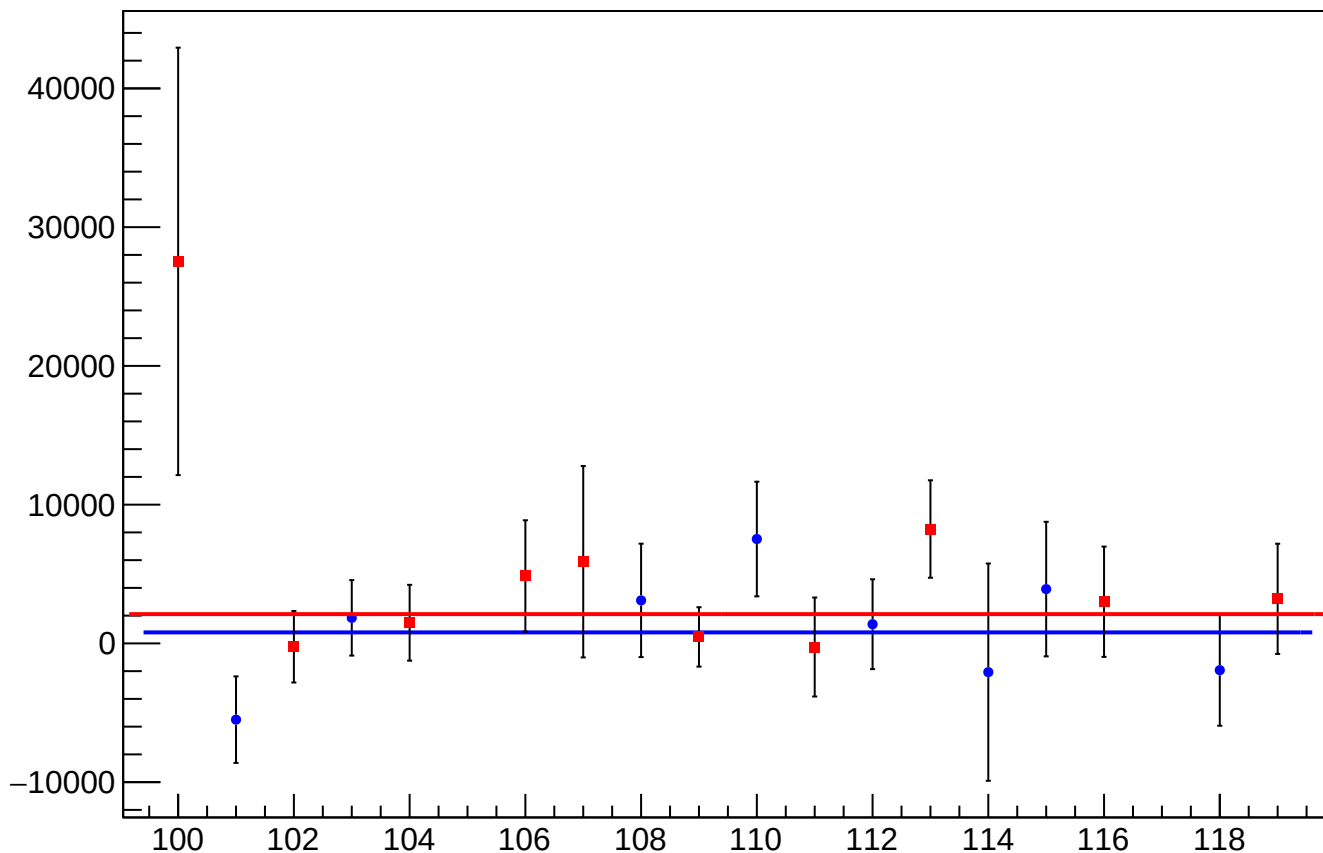
Right: 2095.325+/-0.556 χ^2/NDF : 256002.8/17

In: 2110.988+/-0.830 χ^2/NDF : 138659.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.325+/-0.556 χ^2/NDF : 256002.8/17

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 793.081+/-1321.277 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.047+/-1068.326 χ^2/NDF : 8.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

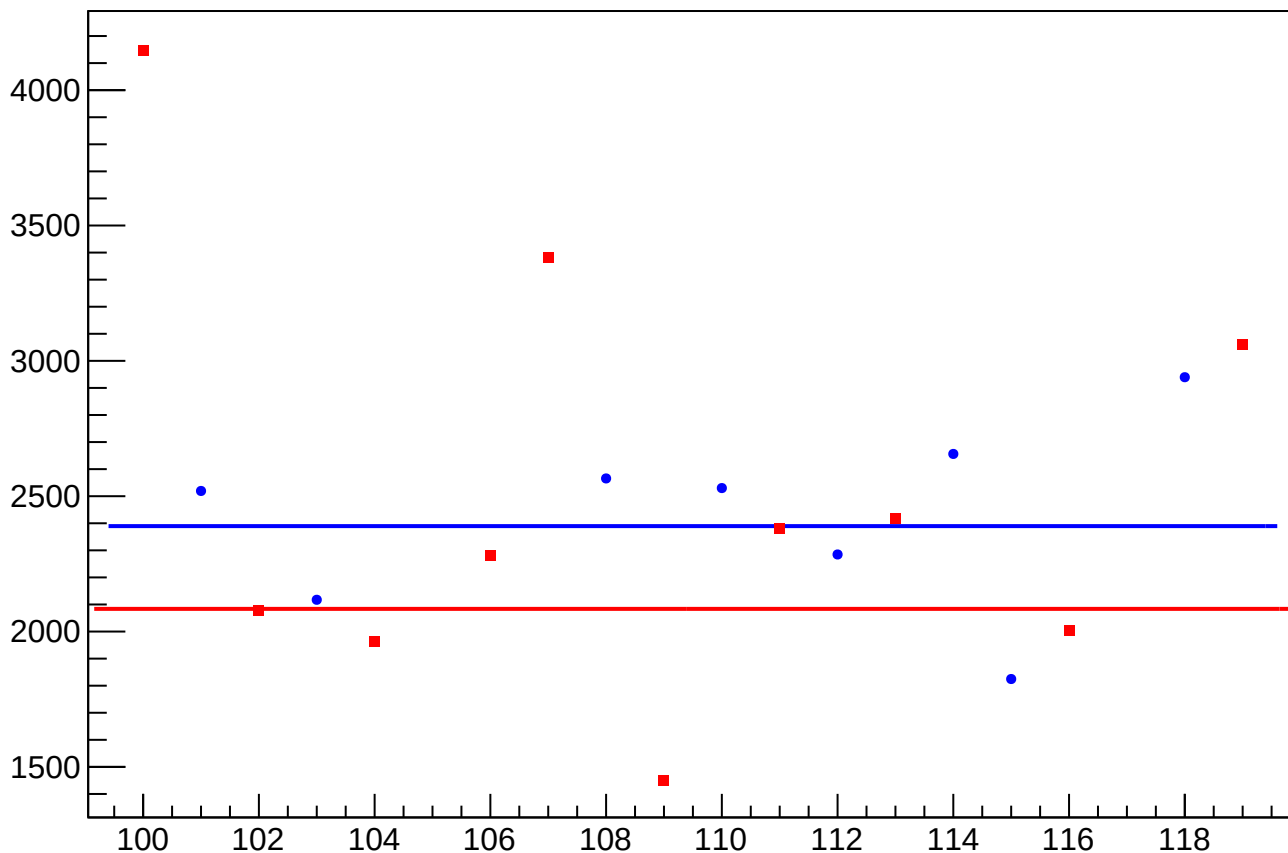
Right: 1589.427+/-830.744 χ^2/NDF : 17.4/17

In: 793.081+/-1321.277 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1589.427+/-830.744 χ^2/NDF : 17.4/17

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2389.503+/-0.934 χ^2/NDF : 98754.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.777+/-0.755 χ^2/NDF : 444307.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

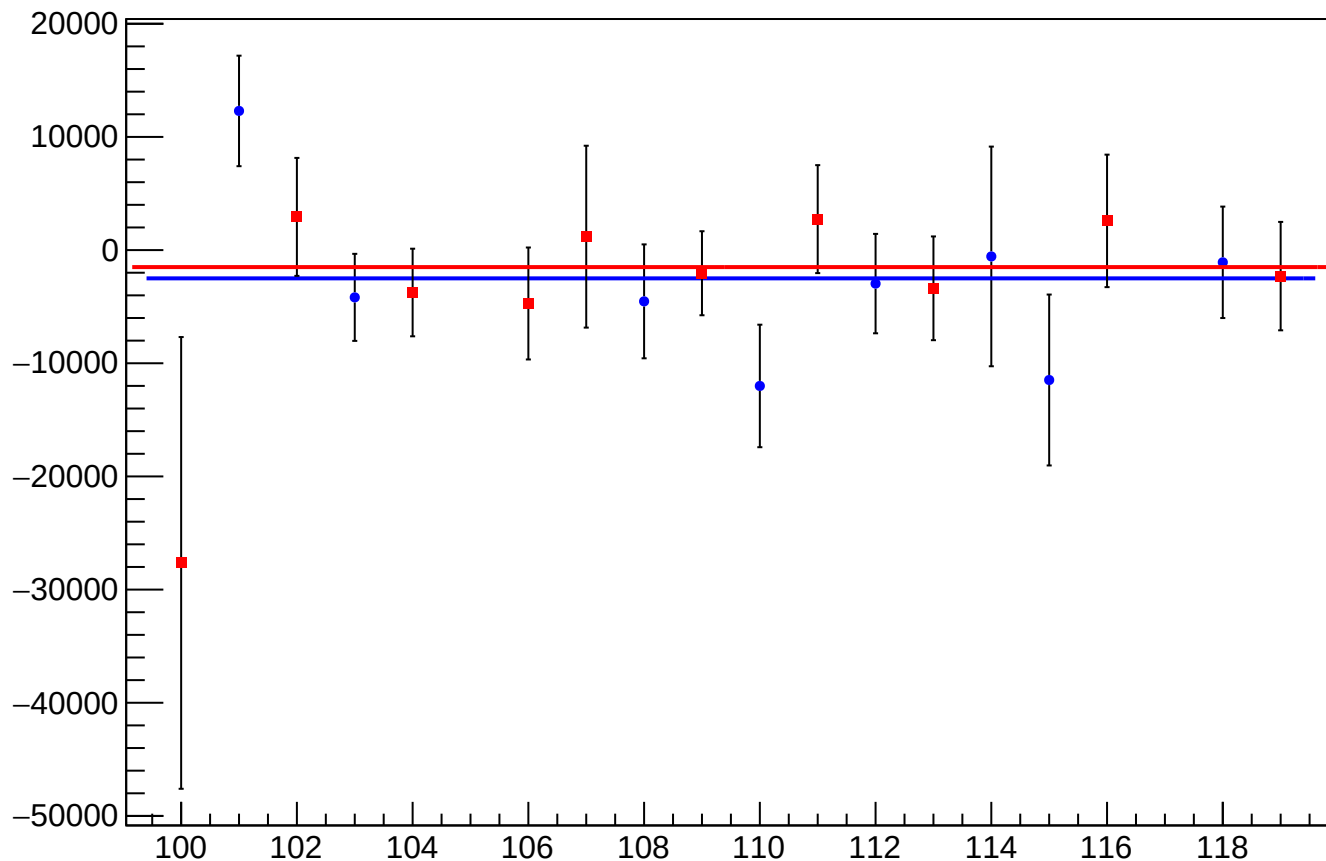
Right: 2204.636+/-0.587 χ^2/NDF : 607810.8/17

In: 2389.503+/-0.934 χ^2/NDF : 98754.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2204.636+/-0.587 χ^2/NDF : 607810.8/17

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2498.148+/-1812.498 χ^2 /NDF: 14.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1502.160+/-1582.562 χ^2 /NDF: 4.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

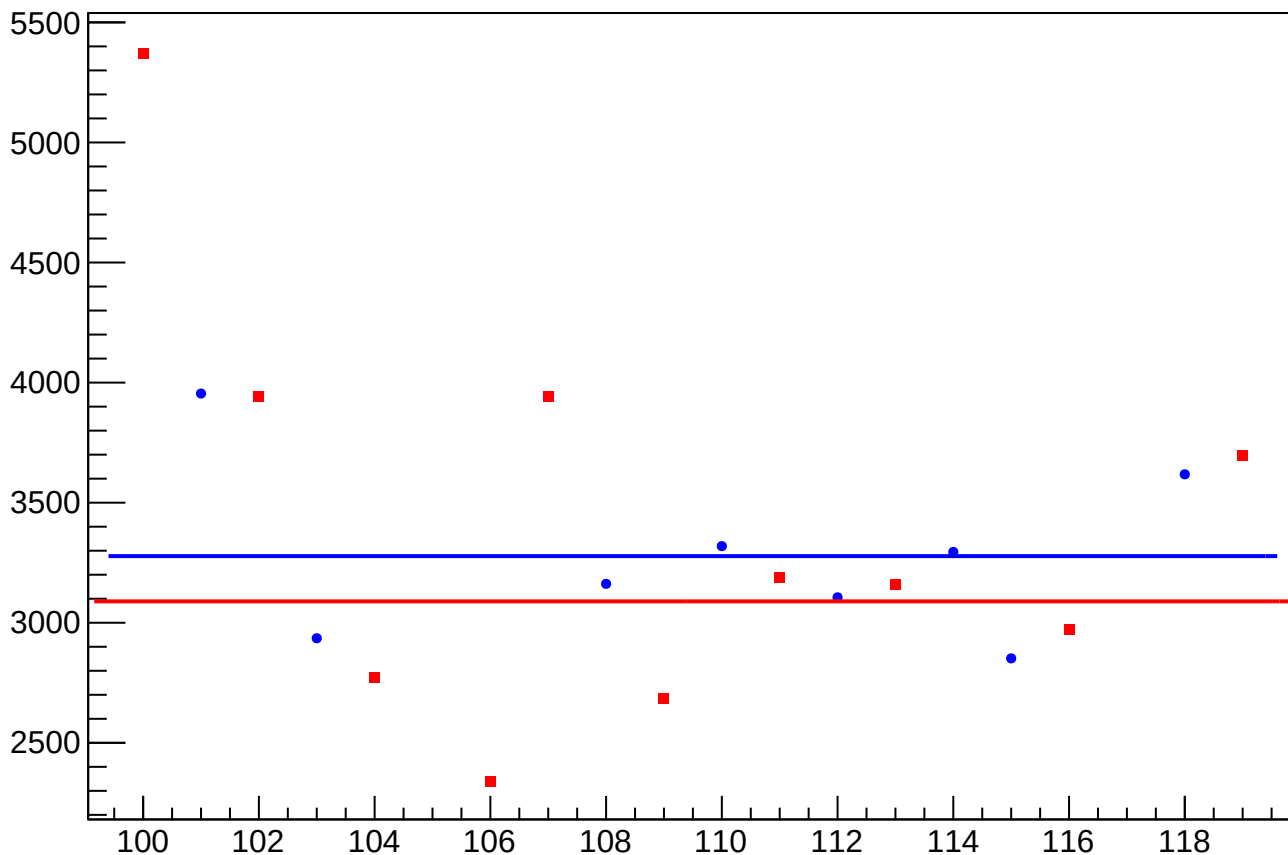
Right: -1933.007+/-1192.098 χ^2 /NDF: 19.1/17

In: -2498.148+/-1812.498 χ^2 /NDF:14.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1933.007+/-1192.098 χ^2 /NDF: 19.1/17

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3277.481+/-1.282 χ^2/NDF : 74432.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3089.087+/-1.119 χ^2/NDF : 219952.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

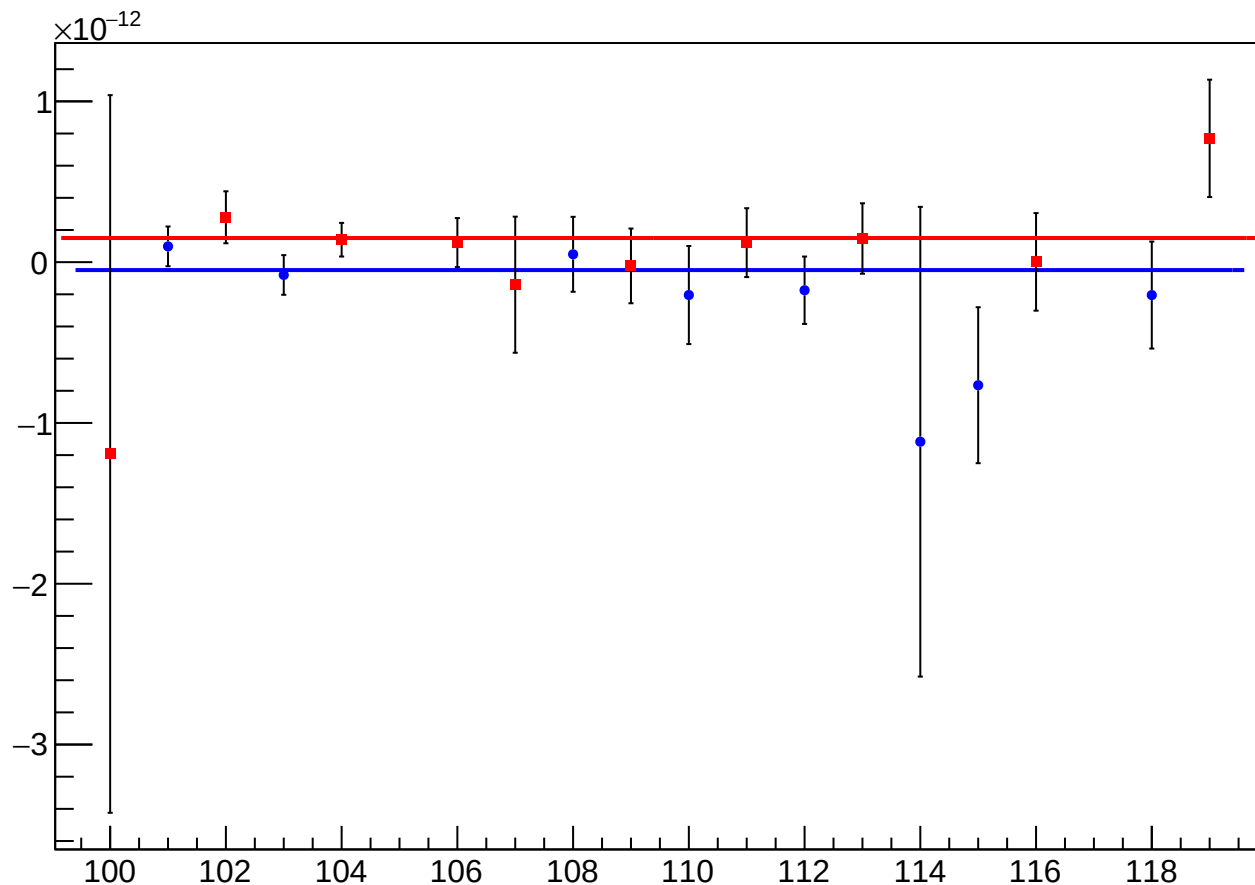
Right: 3170.581+/-0.843 χ^2/NDF : 306645.8/17

In: 3277.481+/-1.282 χ^2/NDF : 74432.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3170.581+/-0.843 χ^2/NDF : 306645.8/17

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

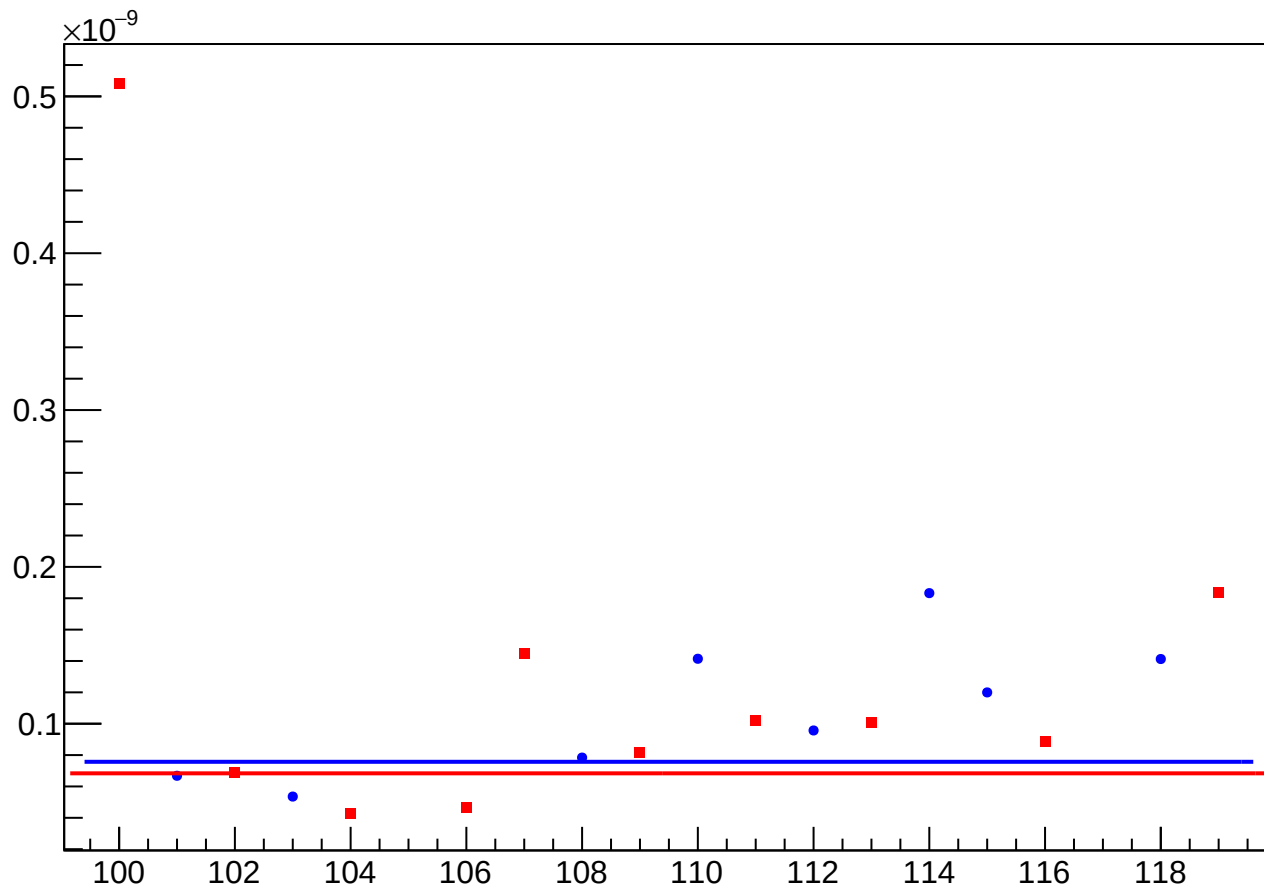
Right: 0.000+/-0.000 χ^2/NDF : 14.9/17

In: -0.000+/-0.000 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/17

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 291226.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 613304.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

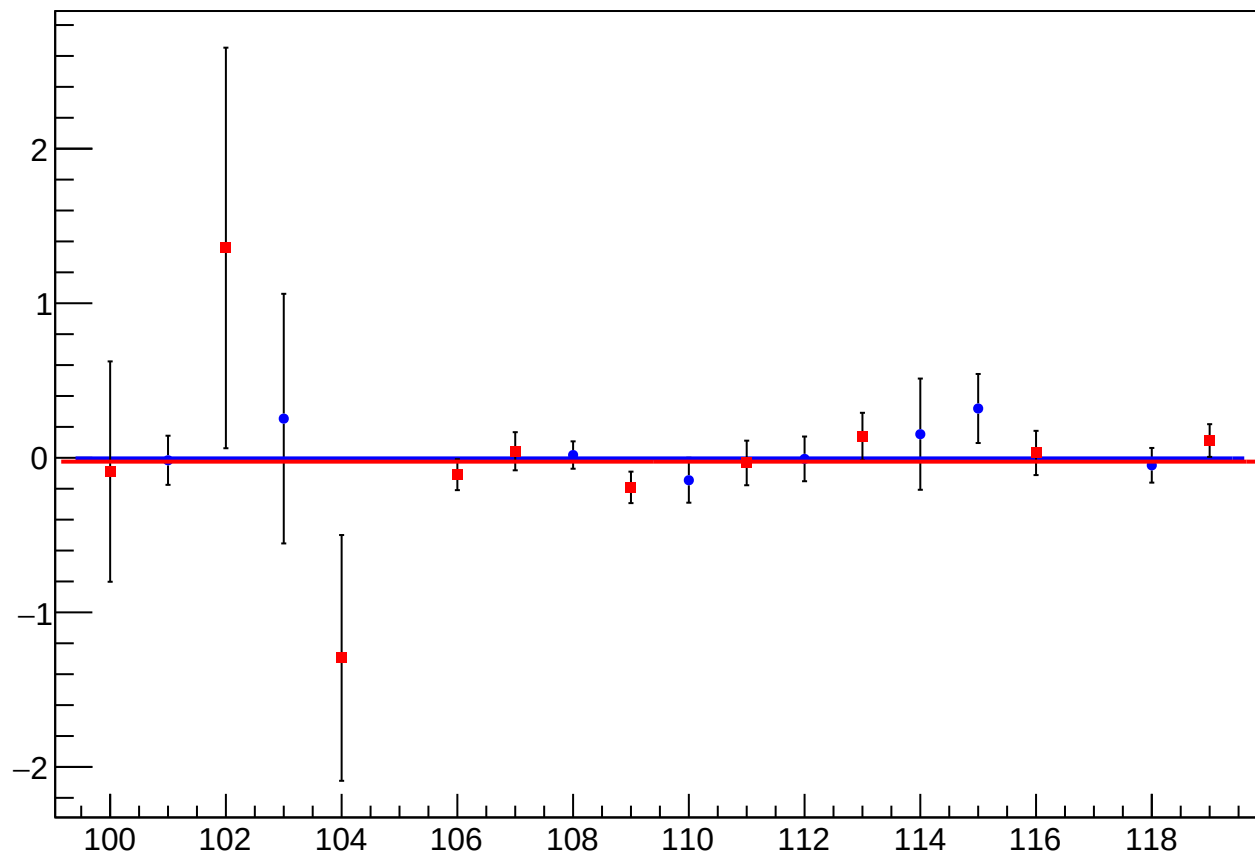
Right: 0.000+/-0.000 χ^2/NDF : 916614.4/17

In: 0.000+/-0.000 χ^2/NDF : 291226.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 916614.4/17

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.052 χ^2/NDF : 3.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.045 χ^2/NDF : 10.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

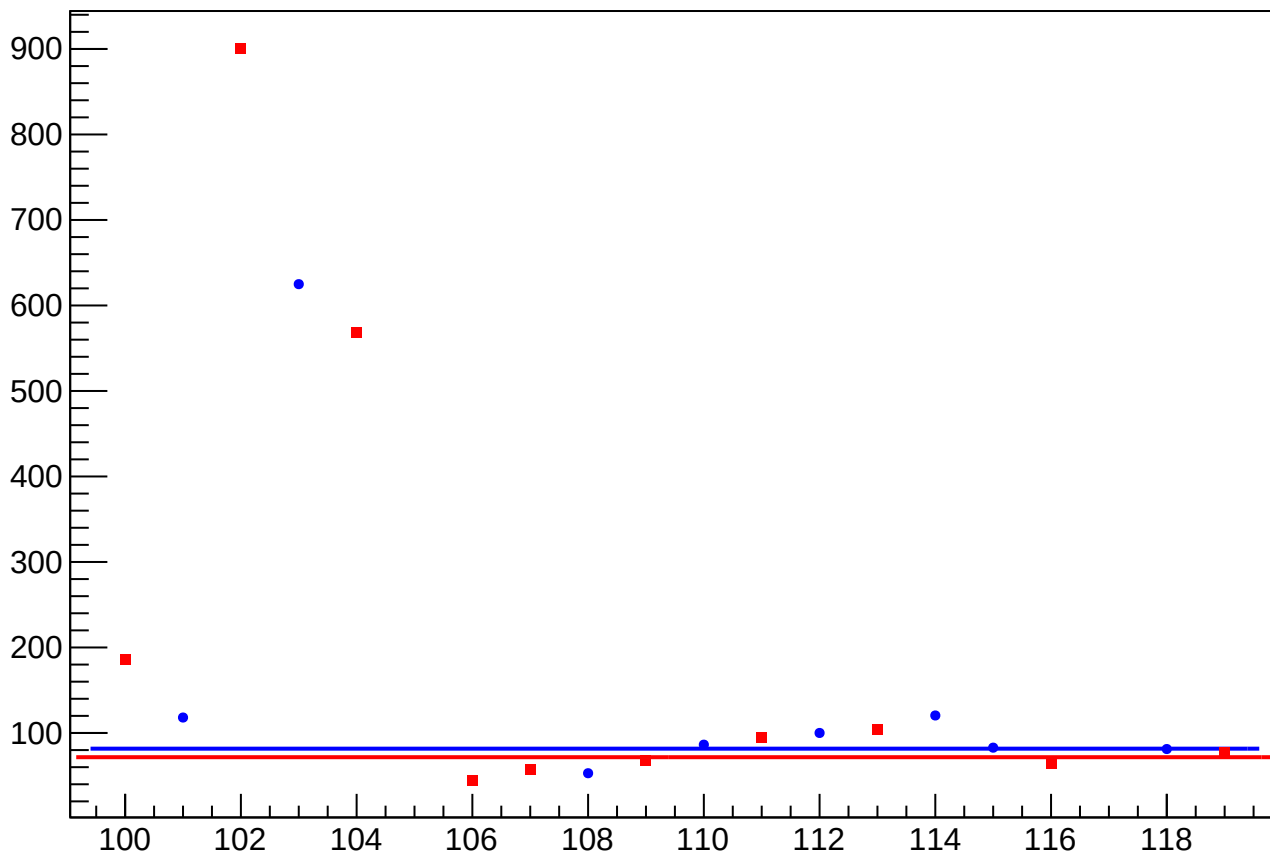
Right: -0.016 ± 0.034 χ^2/NDF : 14.0/17

In: -0.004 ± 0.052 χ^2/NDF : 3.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.034 χ^2/NDF : 14.0/17

asym_us_dd_at2lr_dd_avg_dit_vs_slug, Sign Corrected



Right In: 81.654+/-0.037 χ^2/NDF : 1278358.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986428.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

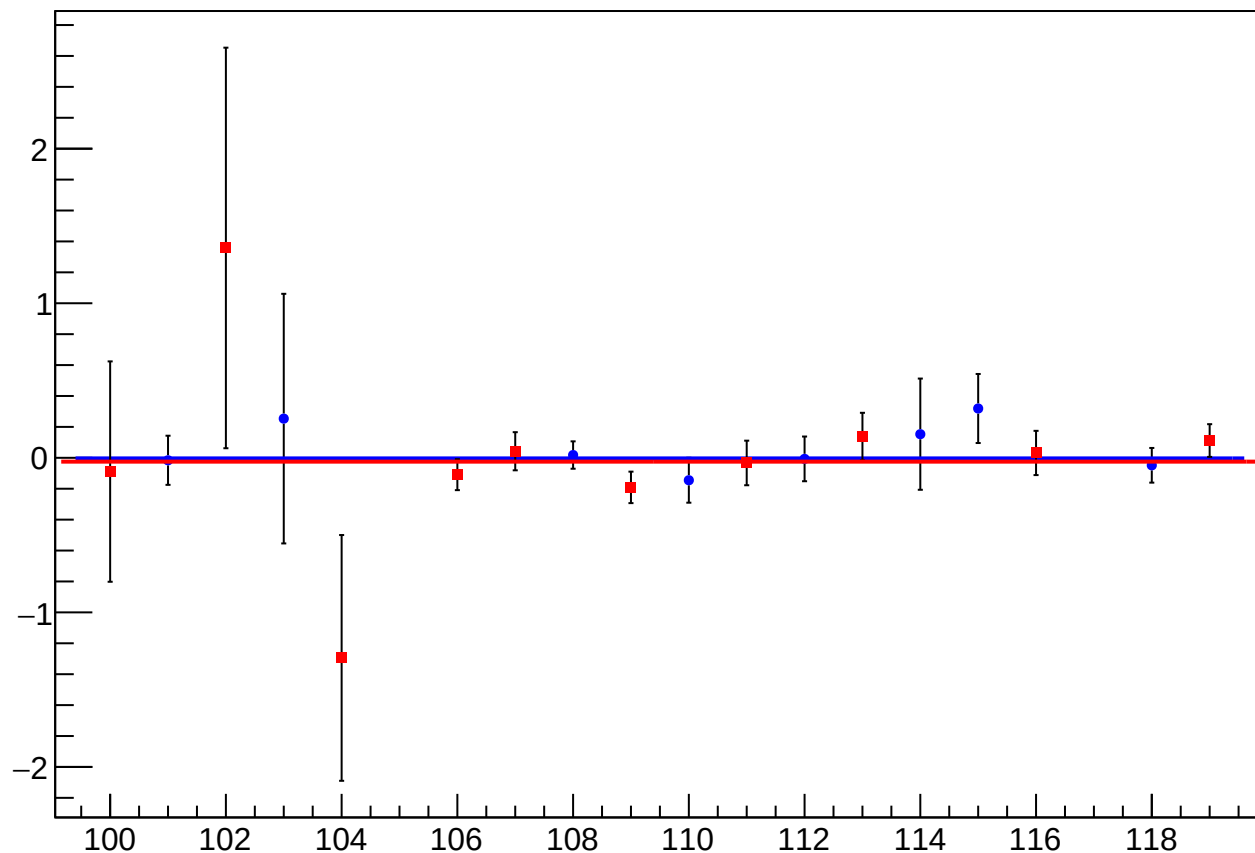
Right: 75.947+/-0.024 χ^2/NDF : 3307076.3/17

In: 81.654+/-0.037 χ^2/NDF : 1278358.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.947+/-0.024 χ^2/NDF : 3307076.3/17

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.052 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

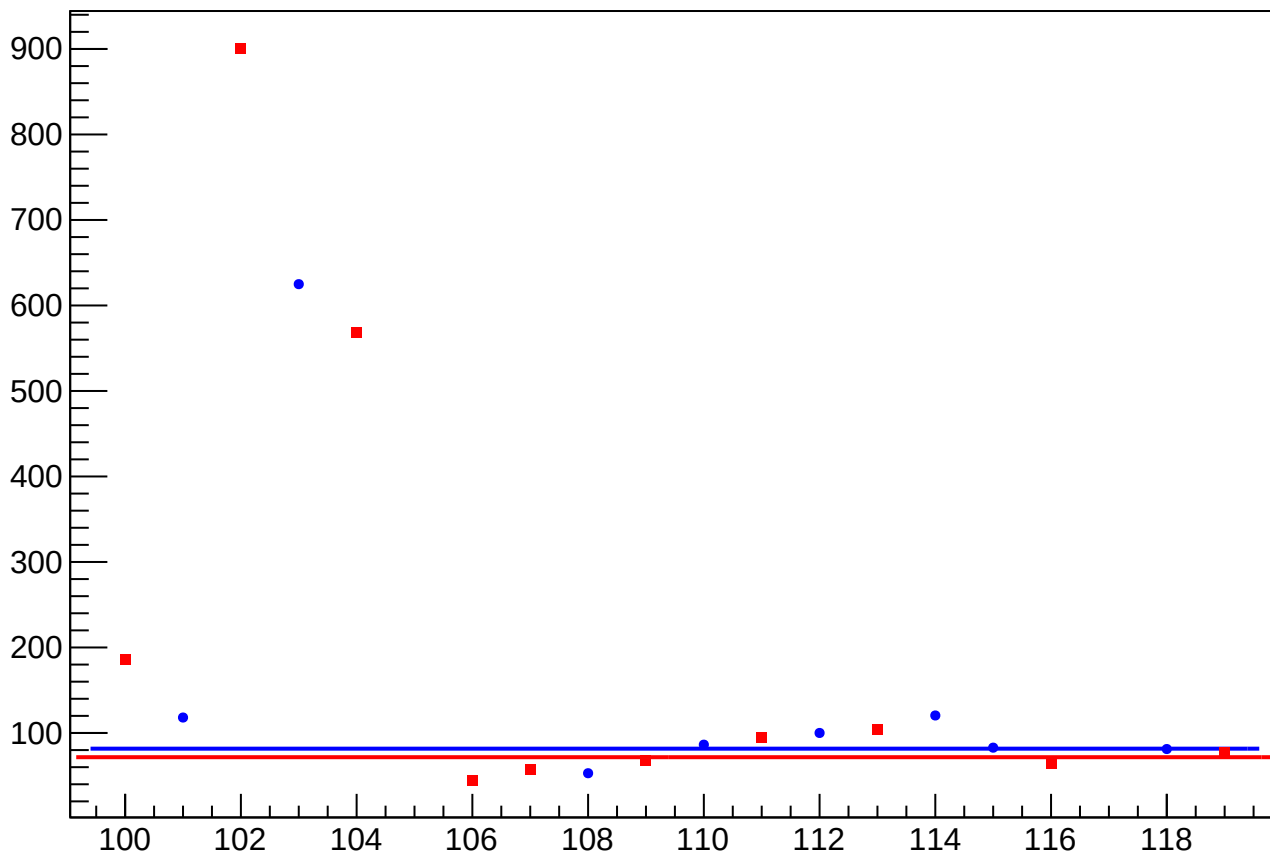
Right: -0.016+/-0.034 χ^2/NDF : 14.0/17

In: -0.004+/-0.052 χ^2/NDF :3.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.034 χ^2/NDF : 14.0/17

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.654+/-0.037 χ^2/NDF : 1278358.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986428.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

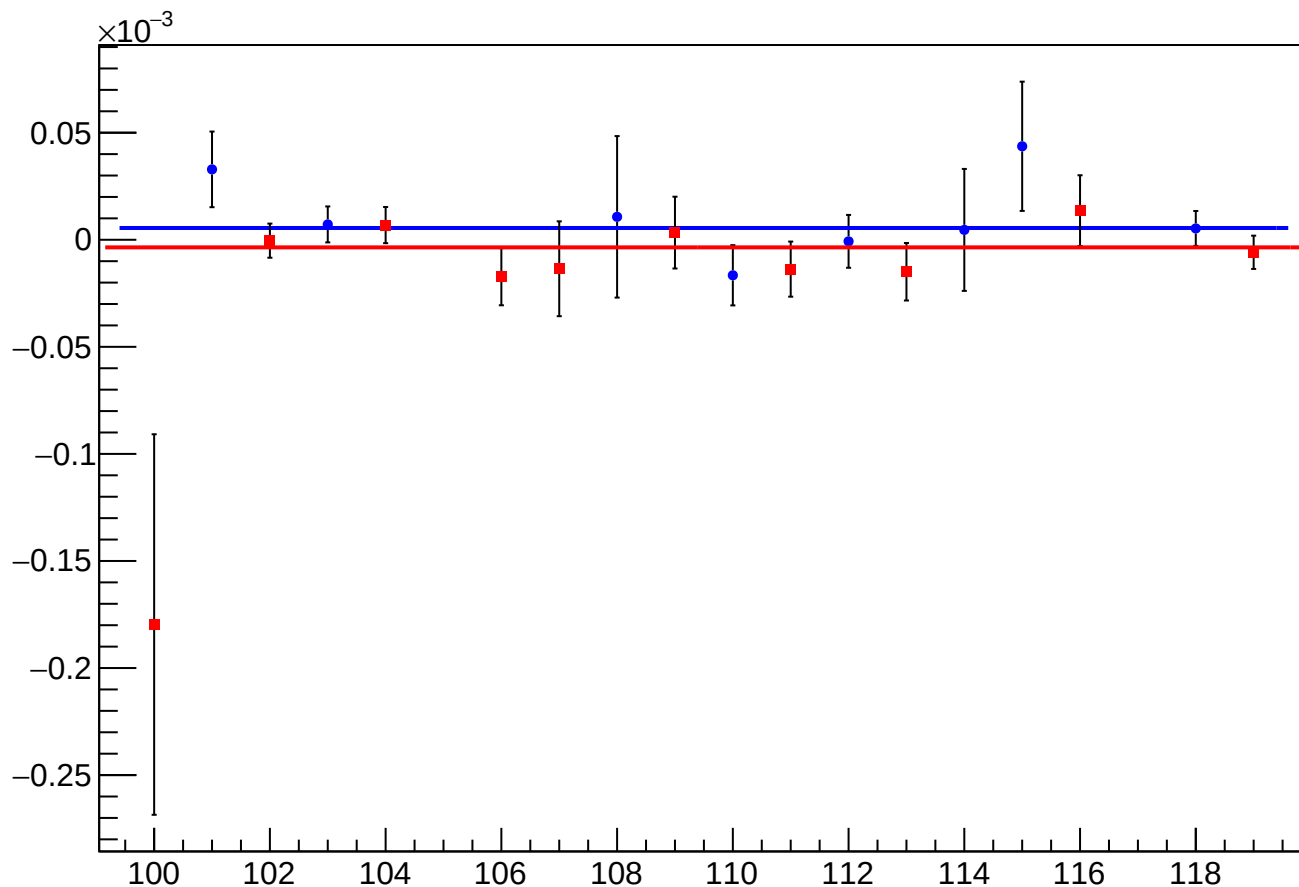
Right: 75.947+/-0.024 χ^2/NDF : 3307076.3/17

In: 81.654+/-0.037 χ^2/NDF : 1278358.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.947+/-0.024 χ^2/NDF : 3307076.3/17

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 : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

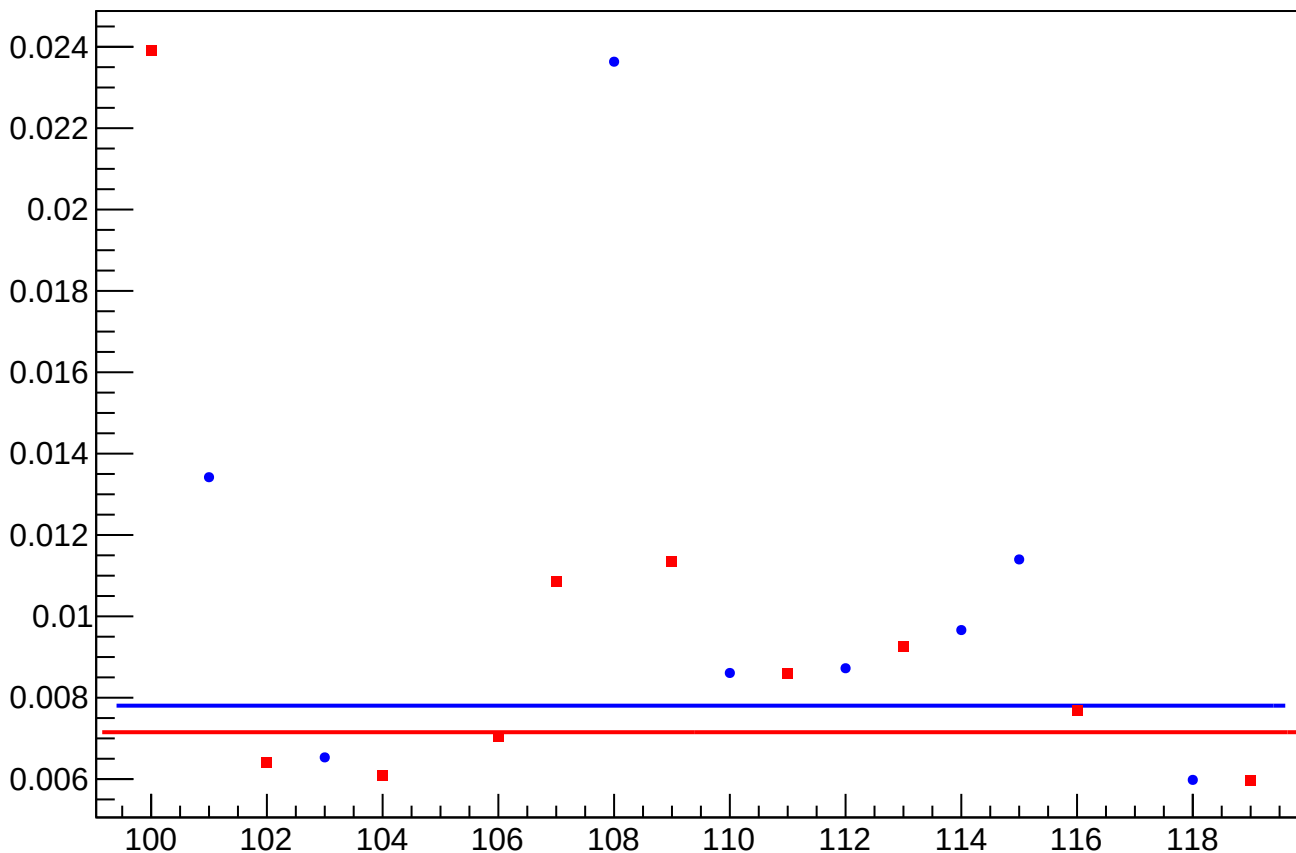
Right: 0.000+/-0.000 χ^2/NDF : 18.7/17

In: 0.000+/-0.000 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.7/17

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 : 755259.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.000 χ^2/NDF : 425433.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

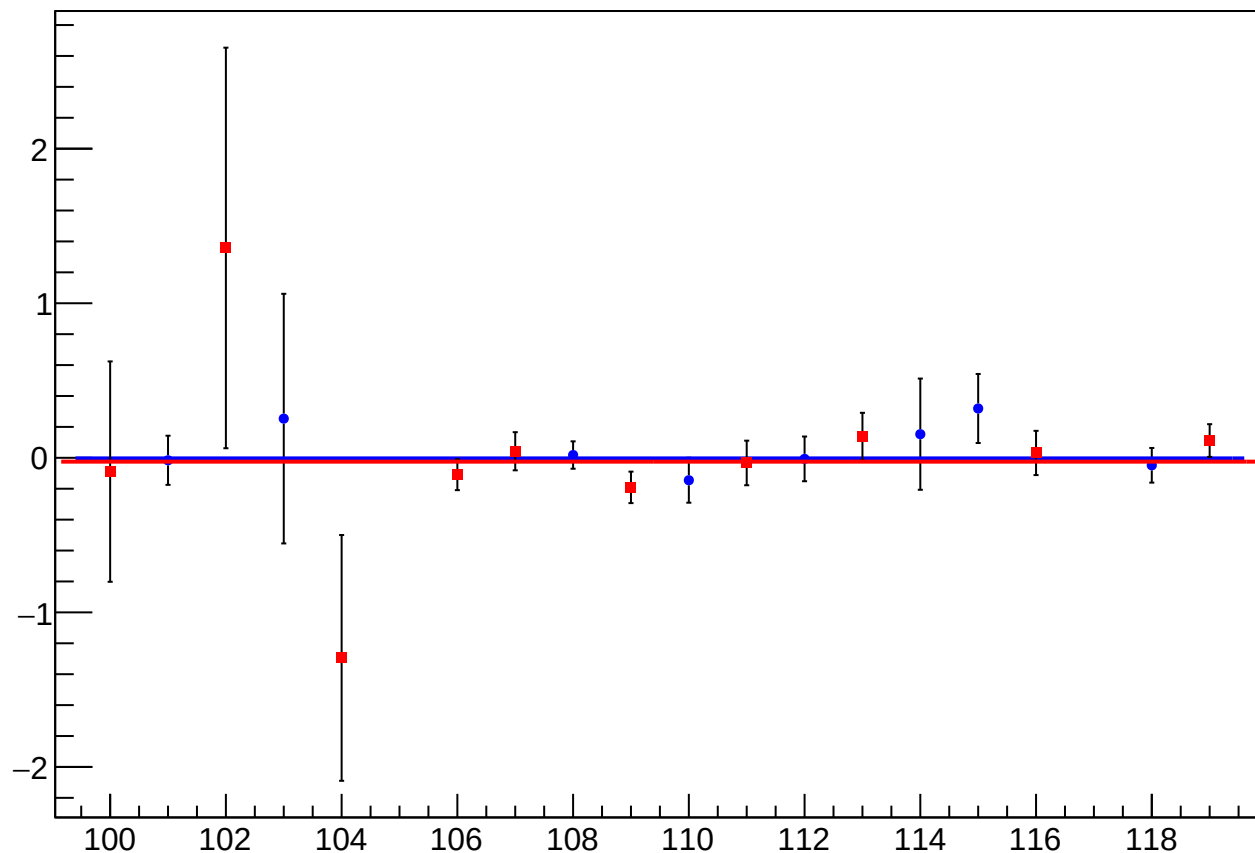
Right: 0.007 ± 0.000 χ^2/NDF : 1205039.7/17

In: 0.008 ± 0.000 χ^2/NDF : 755259.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.000 χ^2/NDF : 1205039.7/17

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_slug, Sign Corrected



Right In: -0.004 ± 0.052 χ^2/NDF : 3.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.025 ± 0.045 χ^2/NDF : 10.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

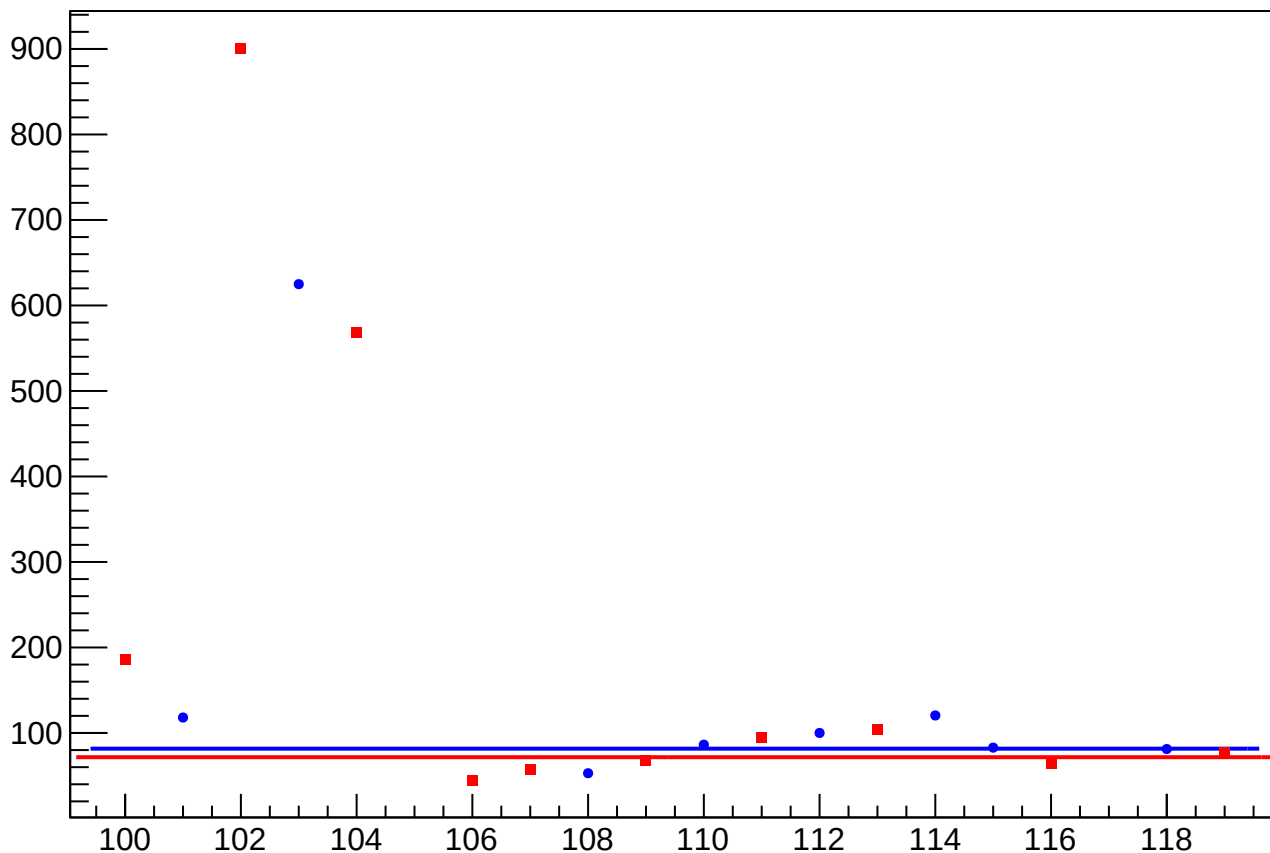
Right: -0.016 ± 0.034 χ^2/NDF : 14.0/17

In: -0.004 ± 0.052 χ^2/NDF : 3.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.034 χ^2/NDF : 14.0/17

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.660+/-0.037 χ^2/NDF : 1278192.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986427.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

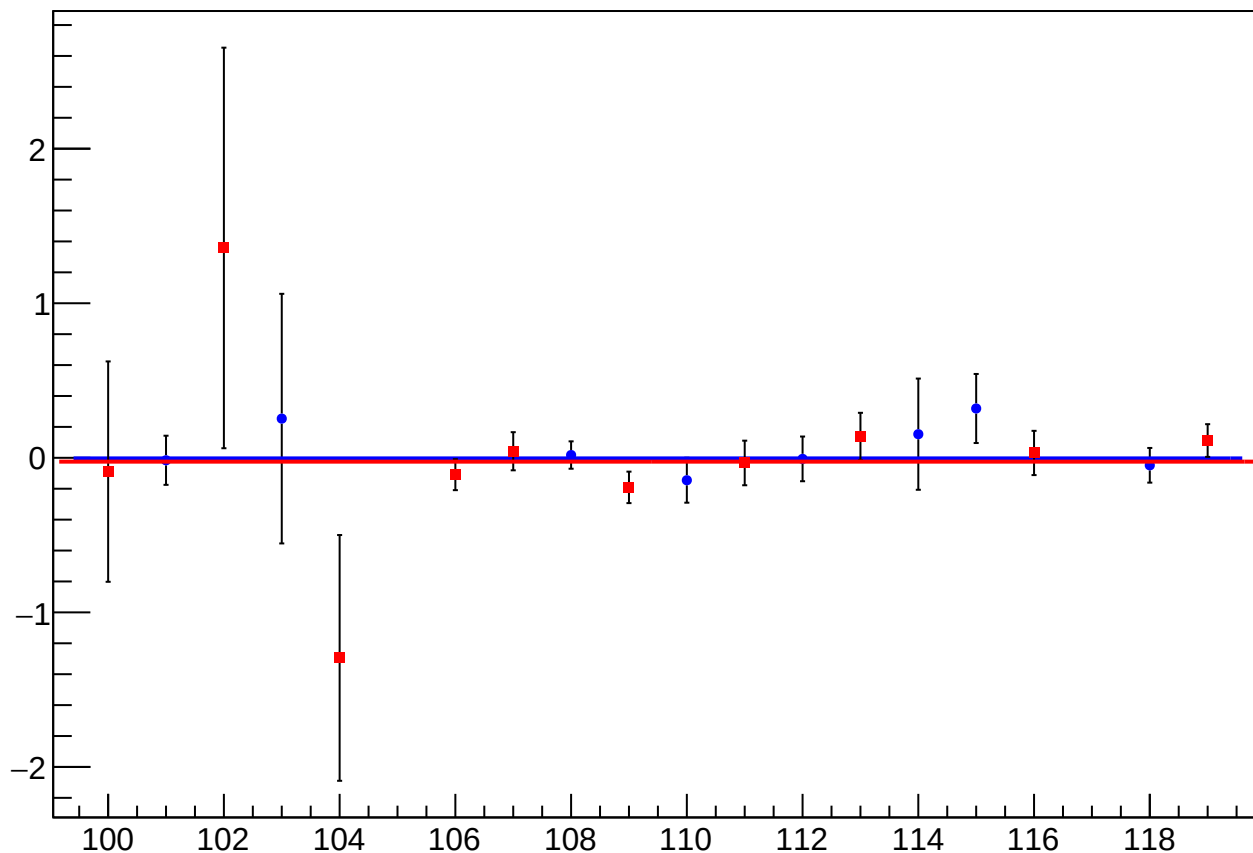
Right: 75.949+/-0.024 χ^2/NDF : 3306956.0/17

In: 81.660+/-0.037 χ^2/NDF : 1278192.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.949+/-0.024 χ^2/NDF : 3306956.0/17

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.052 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.025+/-0.045 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

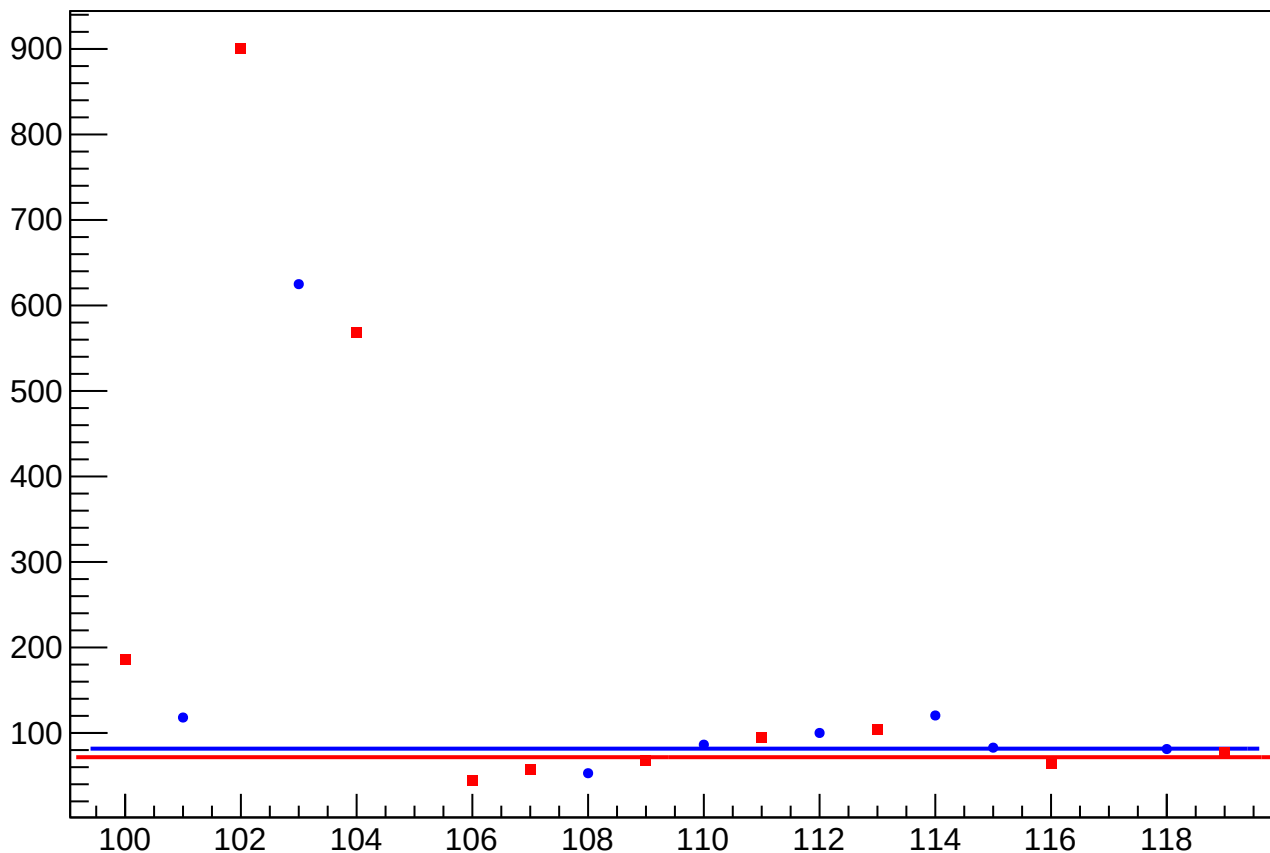
Right: -0.016+/-0.034 χ^2/NDF : 14.0/17

In: -0.004+/-0.052 χ^2/NDF :3.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.034 χ^2/NDF : 14.0/17

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.660+/-0.037 χ^2/NDF : 1278192.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.666+/-0.032 χ^2/NDF : 1986427.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

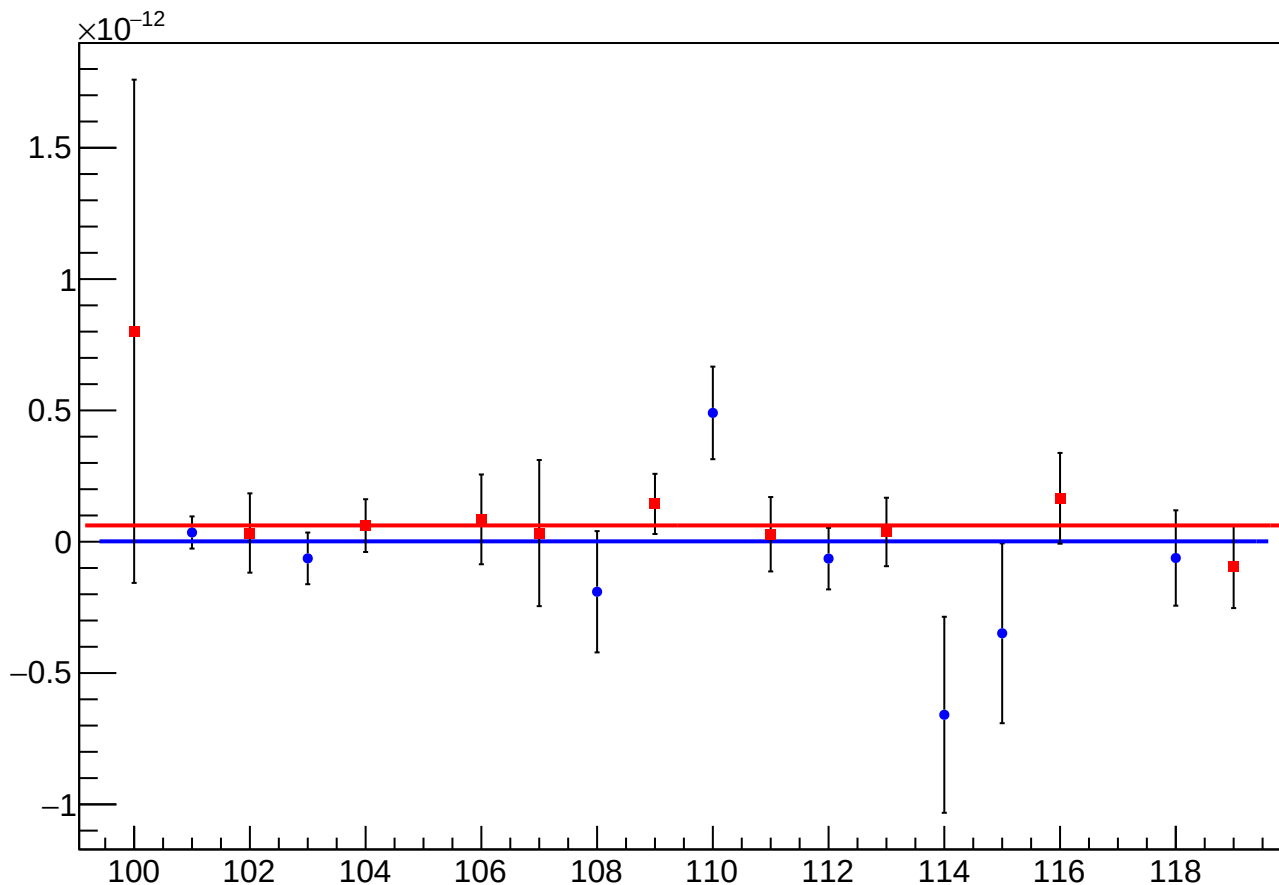
Right: 75.949+/-0.024 χ^2/NDF : 3306956.0/17

In: 81.660+/-0.037 χ^2/NDF : 1278192.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.949+/-0.024 χ^2/NDF : 3306956.0/17

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 : 13.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

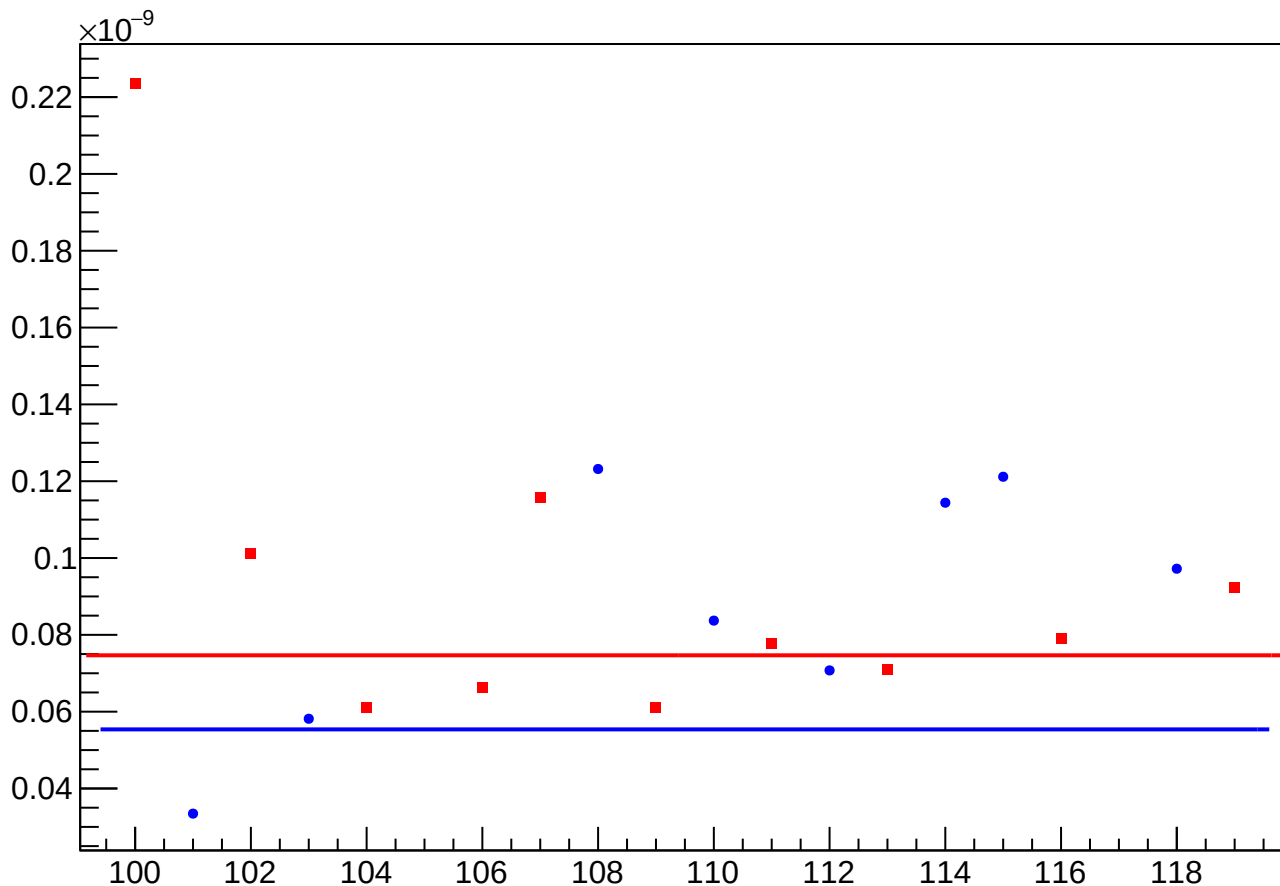
Right: 0.000+/-0.000 χ^2/NDF : 17.3/17

In: 0.000+/-0.000 χ^2/NDF : 13.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.3/17

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 : 746022.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 252062.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

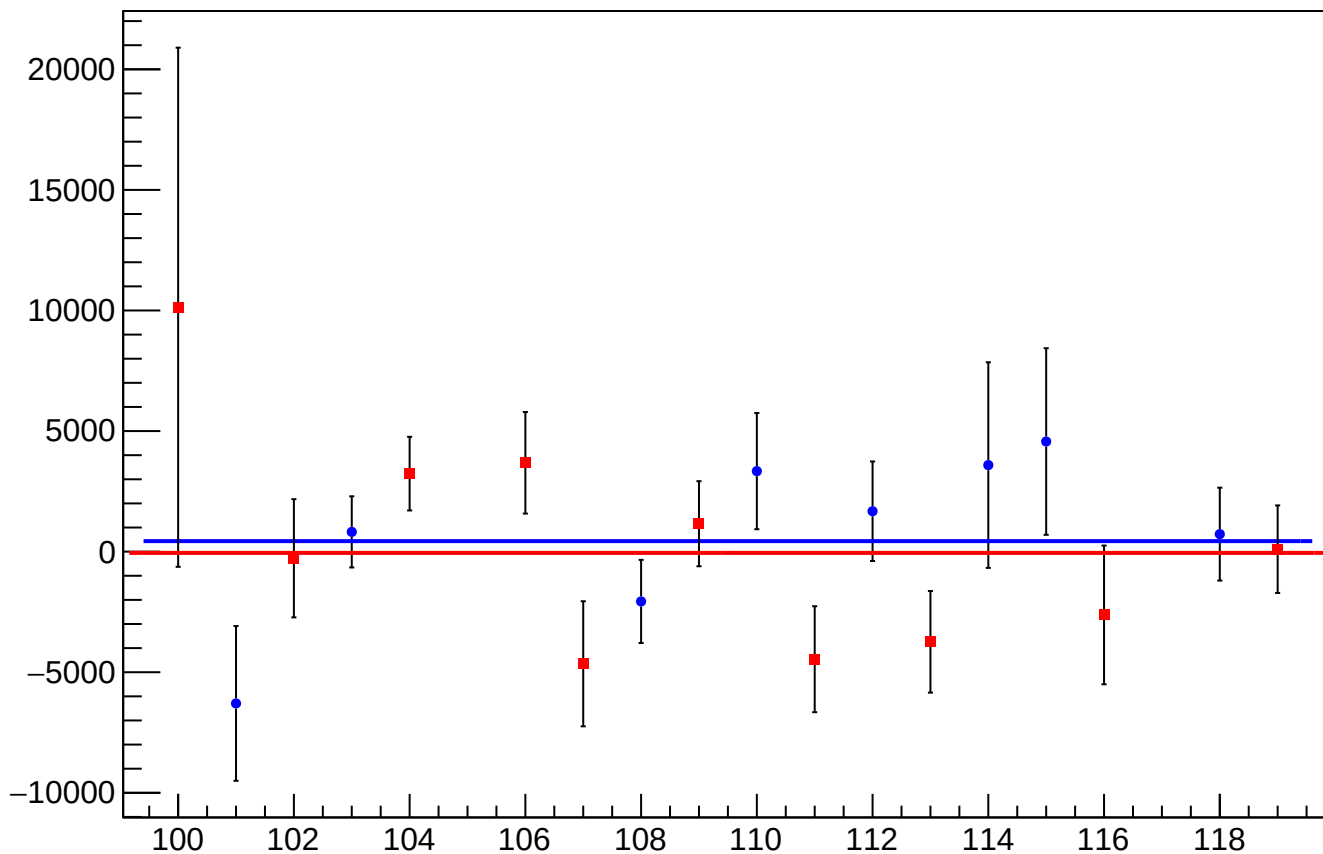
Right: 0.000+/-0.000 χ^2/NDF : 1180675.4/17

In: 0.000+/-0.000 χ^2/NDF : 746022.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1180675.4/17

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 435.972+/-768.934 χ^2/NDF : 10.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.482+/-680.970 χ^2/NDF : 20.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

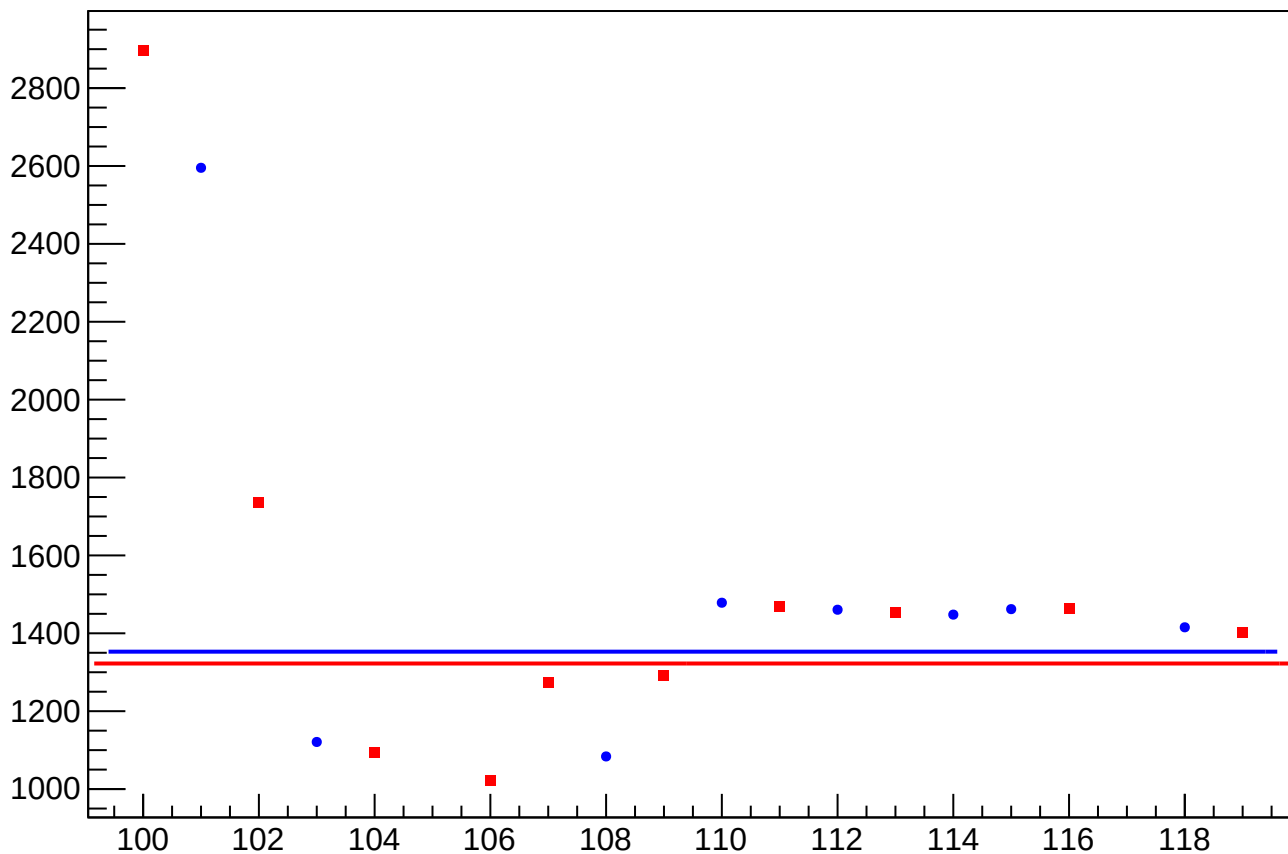
Right: 162.780+/-509.794 χ^2/NDF : 30.5/17

In: 435.972+/-768.934 χ^2/NDF : 10.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.780+/-509.794 χ^2/NDF : 30.5/17

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1322.441+/-0.482 χ^2/NDF : 211617.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

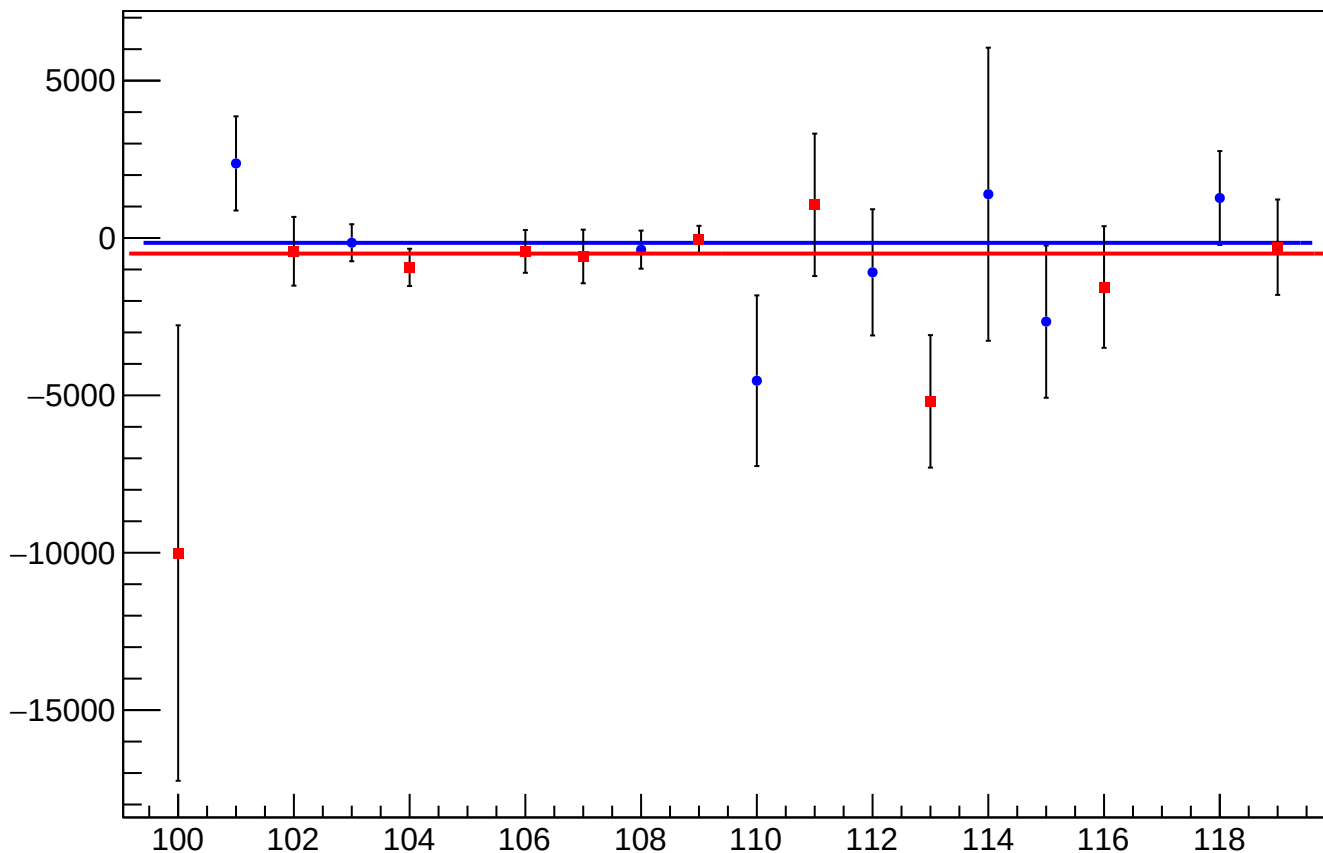
Right: 1335.804+/-0.360 χ^2/NDF : 626959.7/17

In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.804+/-0.360 χ^2/NDF : 626959.7/17

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -153.463+/-374.642 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -494.610+/-271.444 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

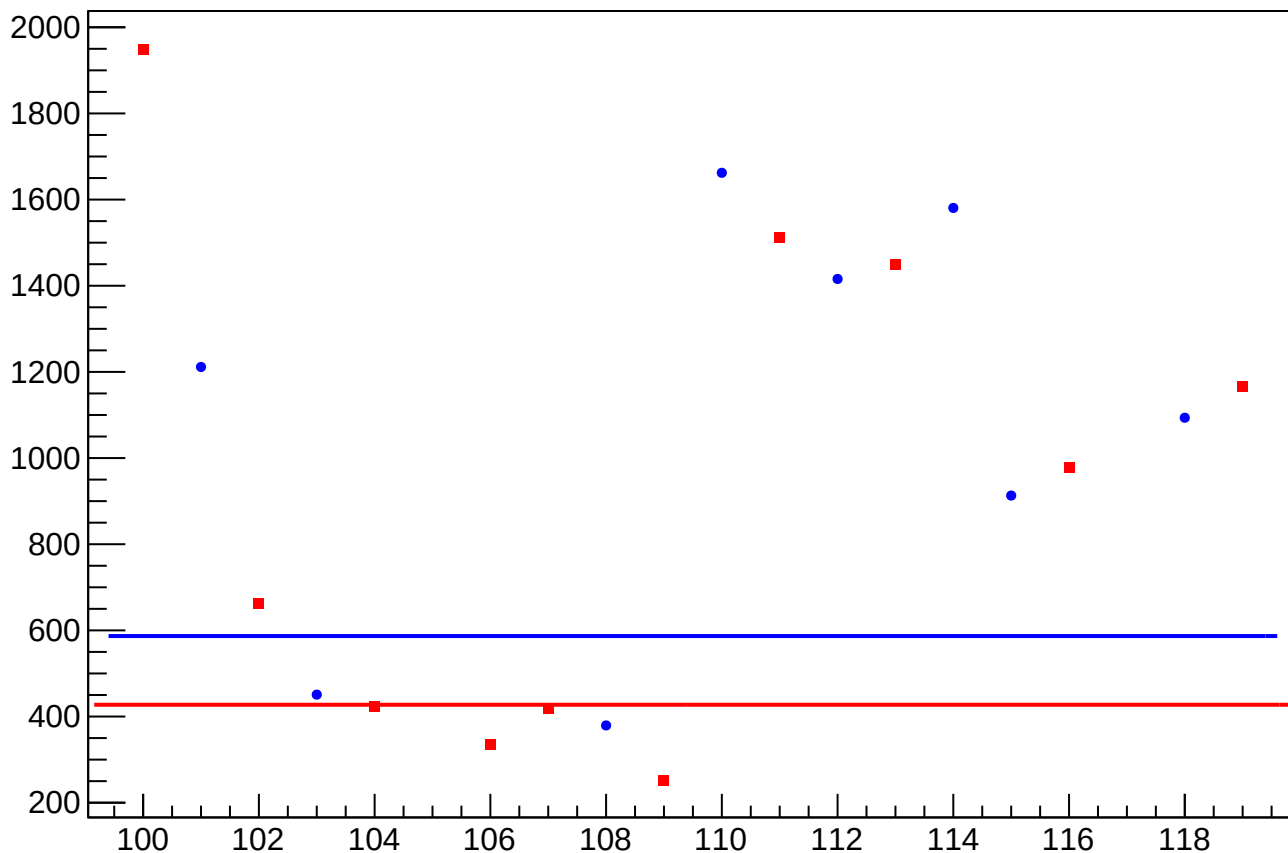
Right: -377.172+/-219.812 χ^2/NDF : 17.5/17

In: -153.463+/-374.642 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.172+/-219.812 χ^2/NDF : 17.5/17

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 586.852+/-0.265 χ^2/NDF : 1705719.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 427.342+/-0.192 χ^2/NDF : 2110945.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

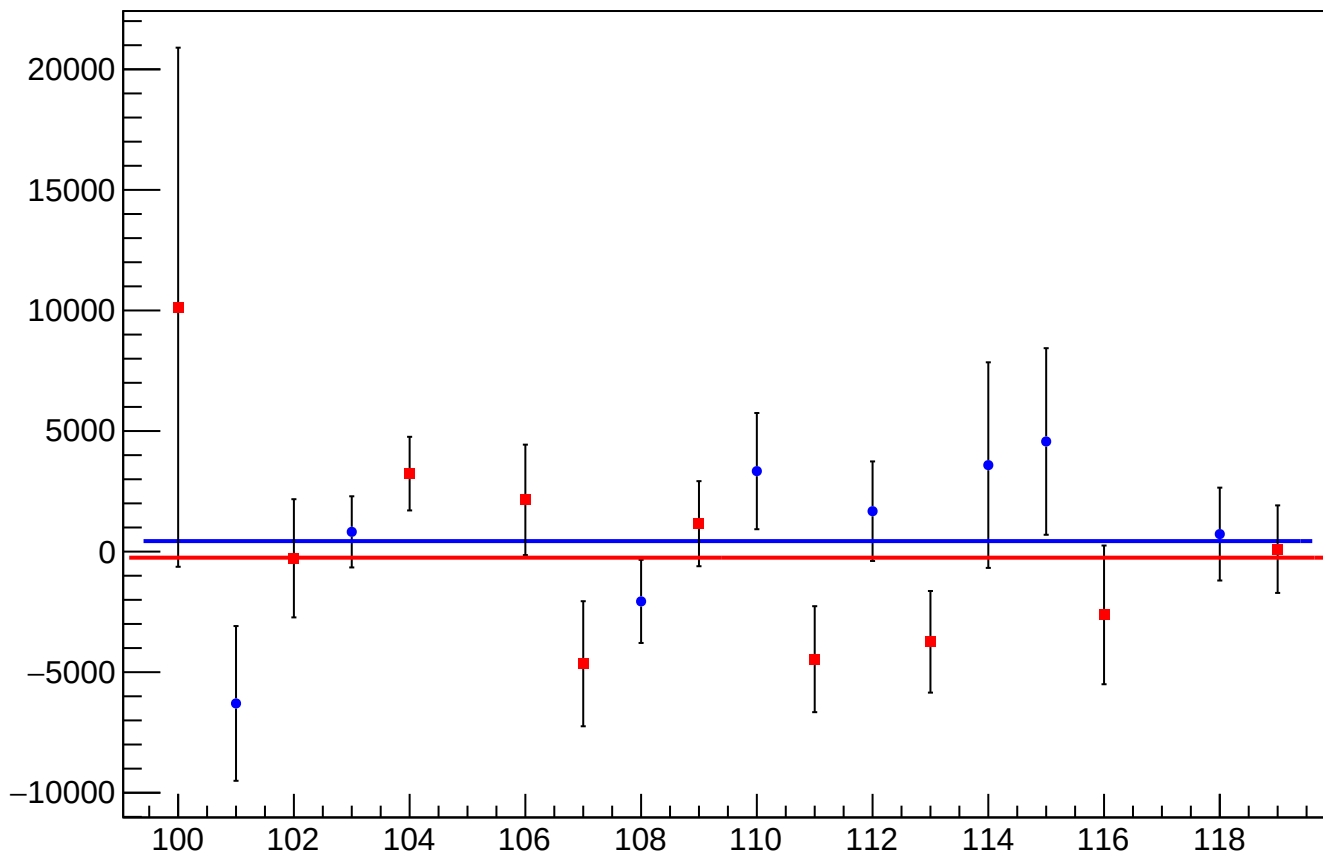
Right: 482.253+/-0.155 χ^2/NDF : 4054411.7/17

In: 586.852+/-0.265 χ^2/NDF : 1705719.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.253+/-0.155 χ^2/NDF : 4054411.7/17

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 435.780+/-768.934 χ^2/NDF : 10.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.527+/-686.549 χ^2/NDF : 17.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

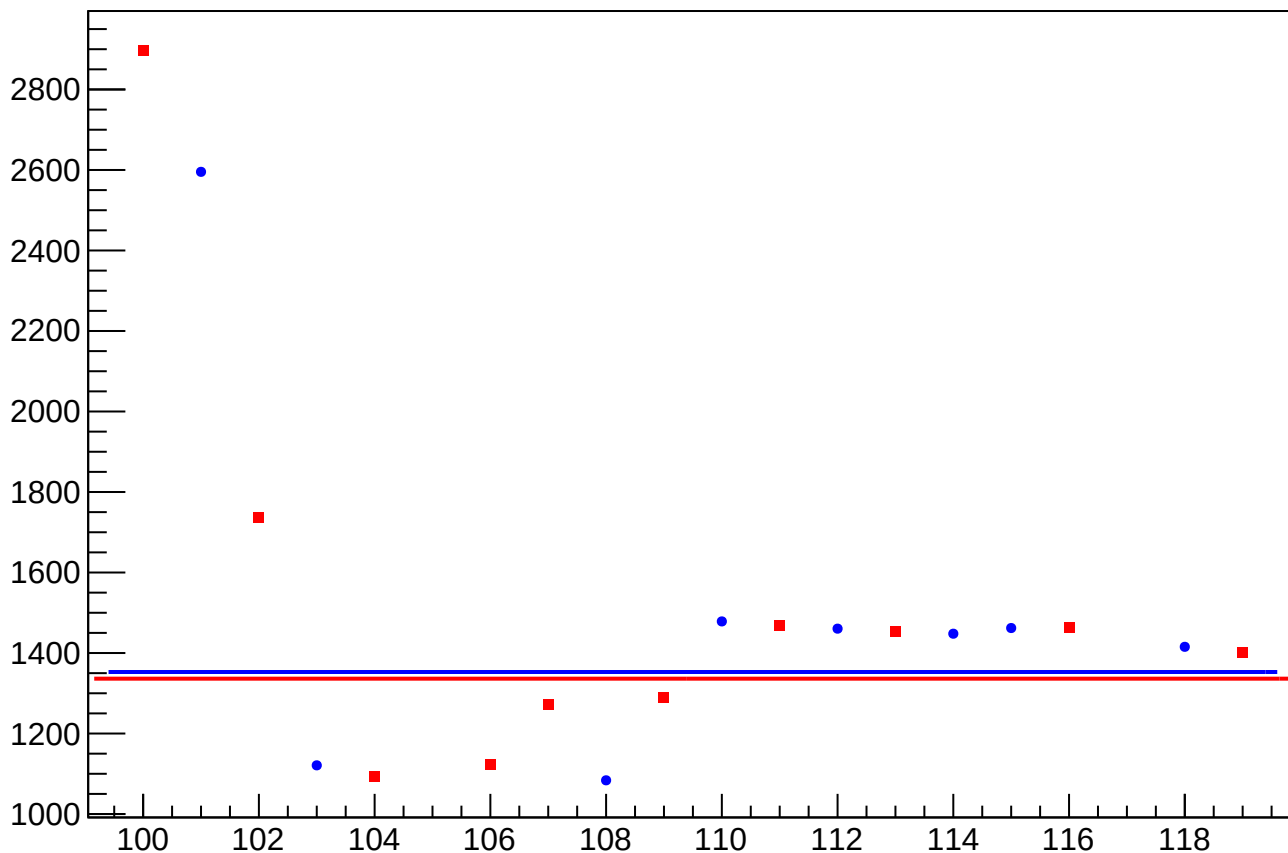
Right: 53.347+/-512.122 χ^2/NDF : 28.4/17

In: 435.780+/-768.934 χ^2/NDF : 10.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.347+/-512.122 χ^2/NDF : 28.4/17

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.284+/-0.485 χ^2/NDF : 185615.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

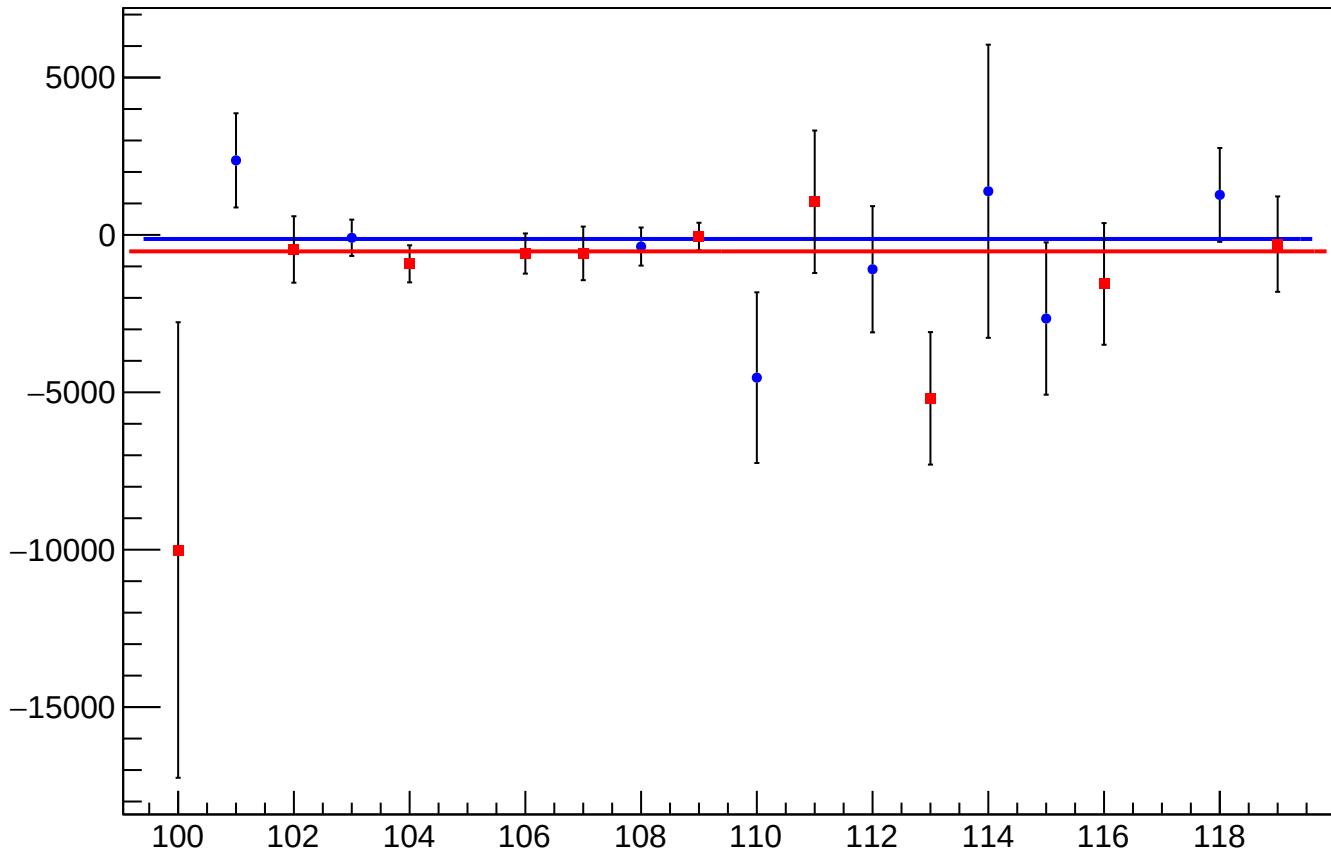
Right: 1343.629+/-0.362 χ^2/NDF : 599720.8/17

In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.629+/-0.362 χ^2/NDF : 599720.8/17

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.605 ± 371.701 χ^2/NDF : 7.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -522.586 ± 267.719 χ^2/NDF : 9.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

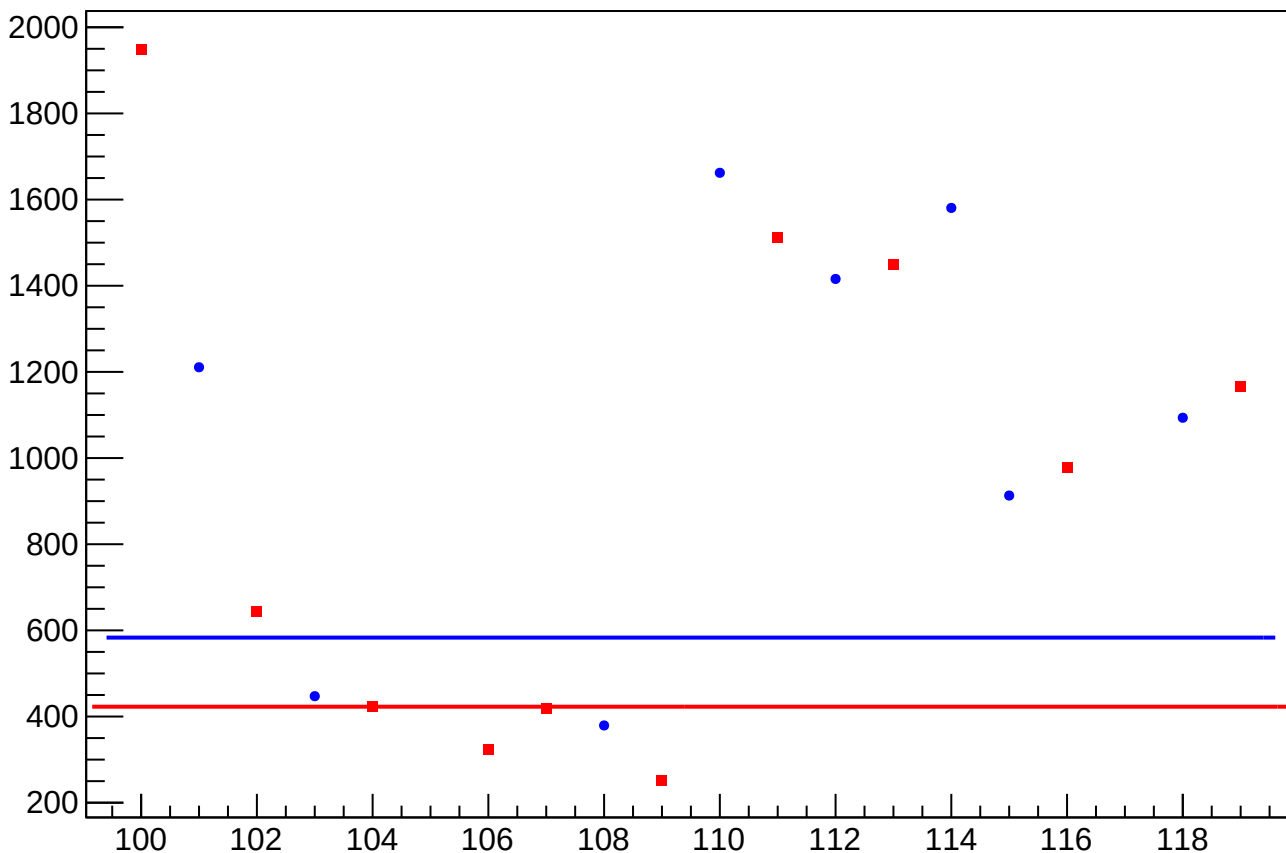
Right: -388.014 ± 217.237 χ^2/NDF : 17.7/17

In: -128.605 ± 371.701 χ^2/NDF : 7.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -388.014 ± 217.237 χ^2/NDF : 17.7/17

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 583.238+/-0.263 χ^2/NDF : 1715289.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.834+/-0.189 χ^2/NDF : 2117269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

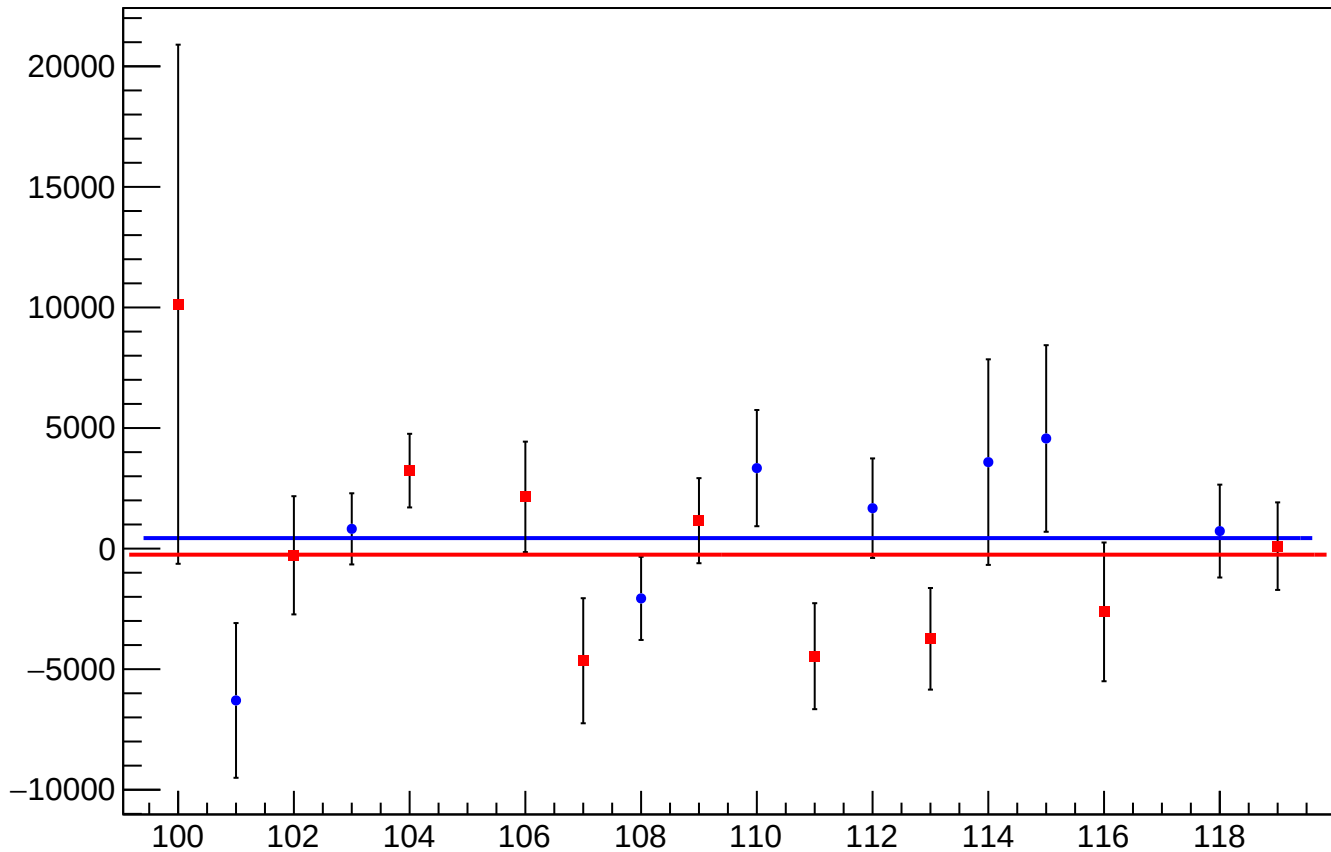
Right: 477.623+/-0.154 χ^2/NDF : 4077793.2/17

In: 583.238+/-0.263 χ^2/NDF : 1715289.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.623+/-0.154 χ^2/NDF : 4077793.2/17

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 435.780+/-768.934 χ^2/NDF : 10.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.527+/-686.549 χ^2/NDF : 17.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

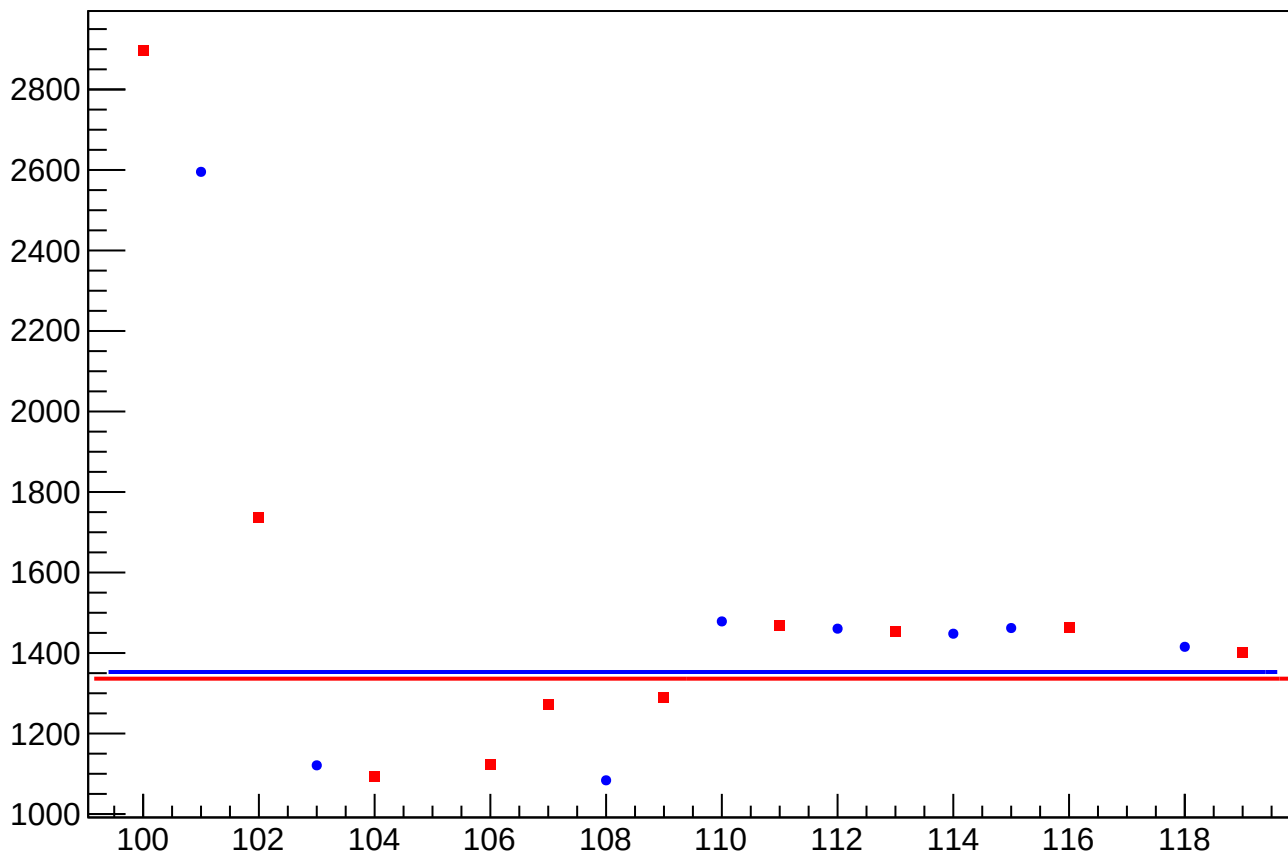
Right: 53.347+/-512.122 χ^2/NDF : 28.4/17

In: 435.780+/-768.934 χ^2/NDF : 10.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.347+/-512.122 χ^2/NDF : 28.4/17

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1336.284+/-0.485 χ^2/NDF : 185615.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

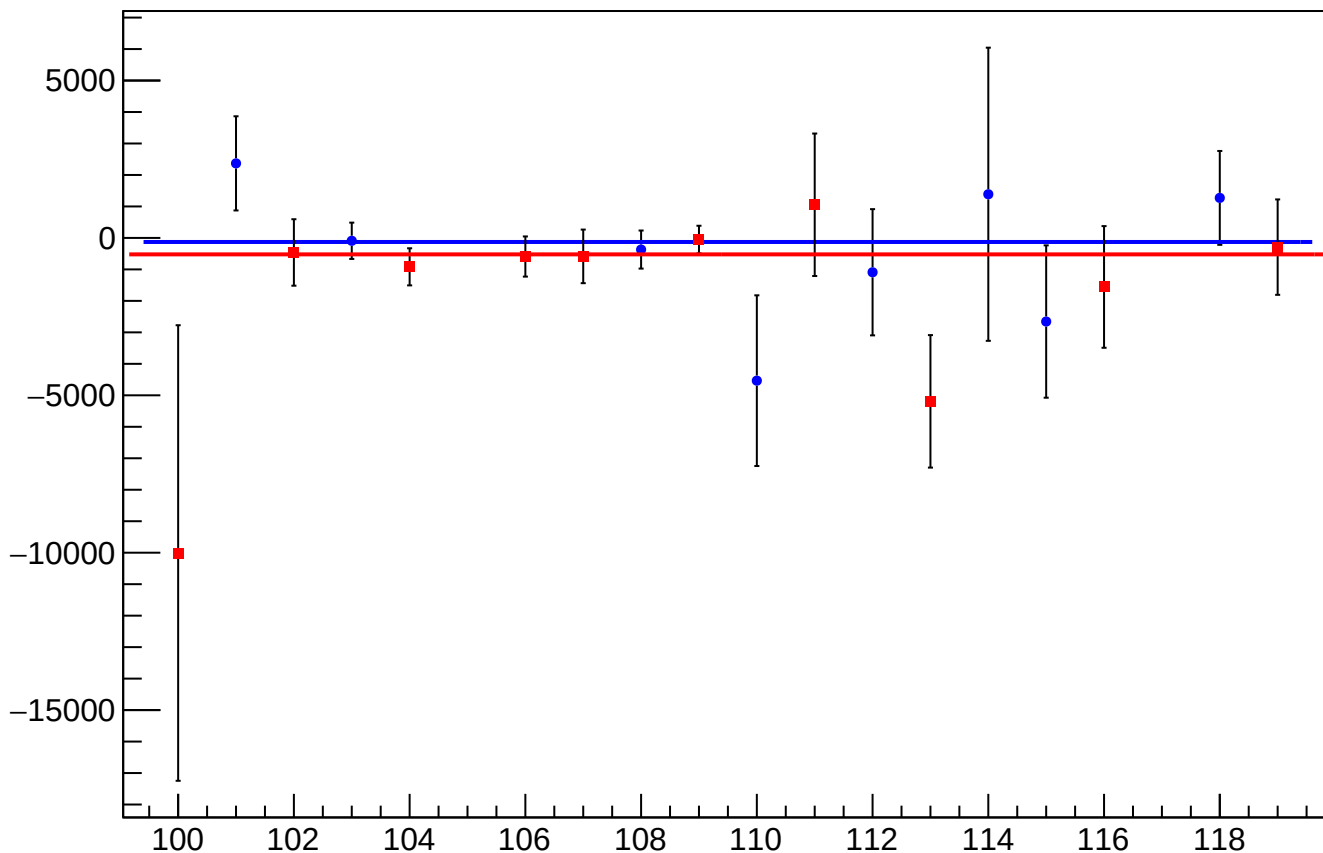
Right: 1343.629+/-0.362 χ^2/NDF : 599720.8/17

In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1343.629+/-0.362 χ^2/NDF : 599720.8/17

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.605+/-371.701 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.586+/-267.719 χ^2/NDF : 9.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

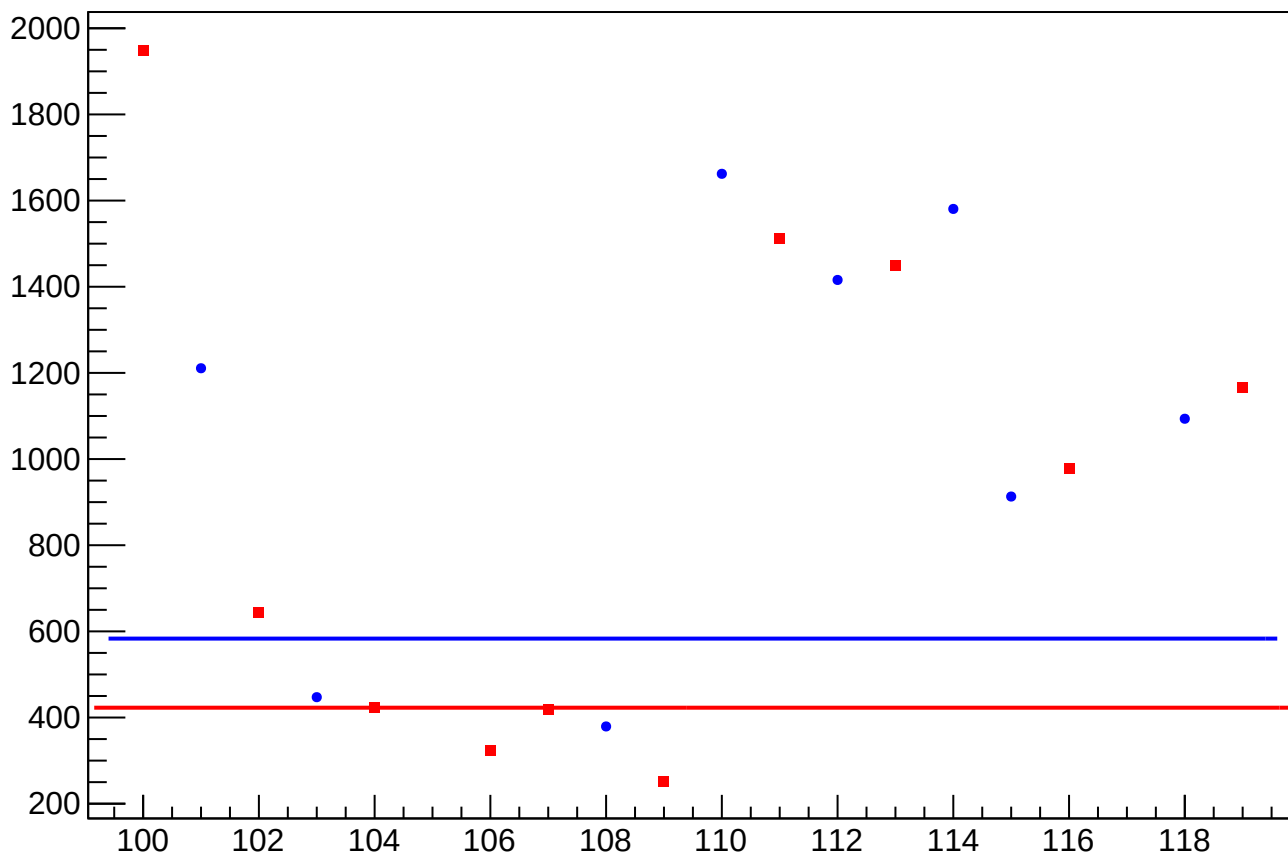
Right: -388.014+/-217.237 χ^2/NDF : 17.7/17

In: -128.605+/-371.701 χ^2/NDF : 7.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -388.014+/-217.237 χ^2/NDF : 17.7/17

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 583.238+/-0.263 χ^2/NDF : 1715289.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.834+/-0.189 χ^2/NDF : 2117269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

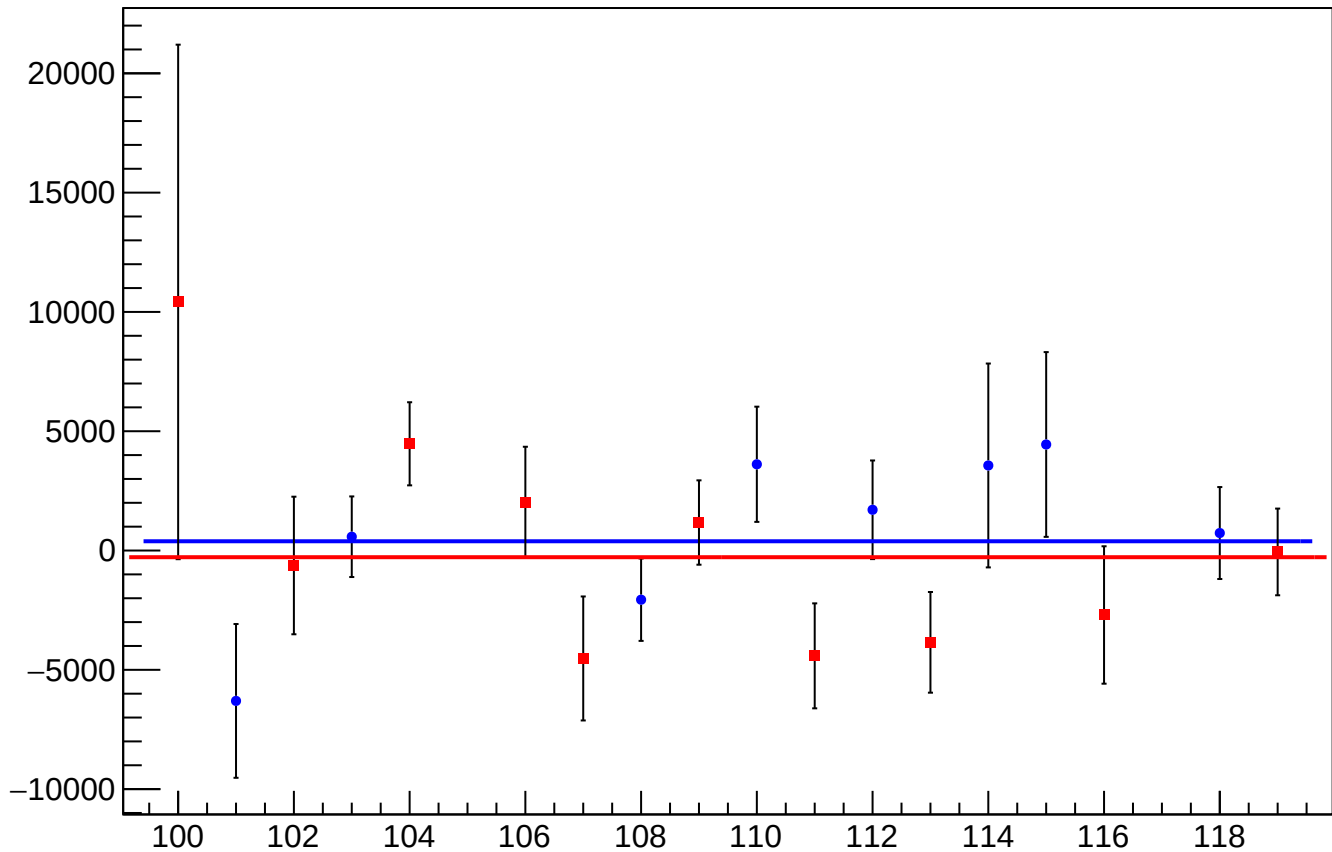
Right: 477.623+/-0.154 χ^2/NDF : 4077793.2/17

In: 583.238+/-0.263 χ^2/NDF : 1715289.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.623+/-0.154 χ^2/NDF : 4077793.2/17

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 388.160+/-795.819 χ^2/NDF : 10.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -279.754+/-713.053 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

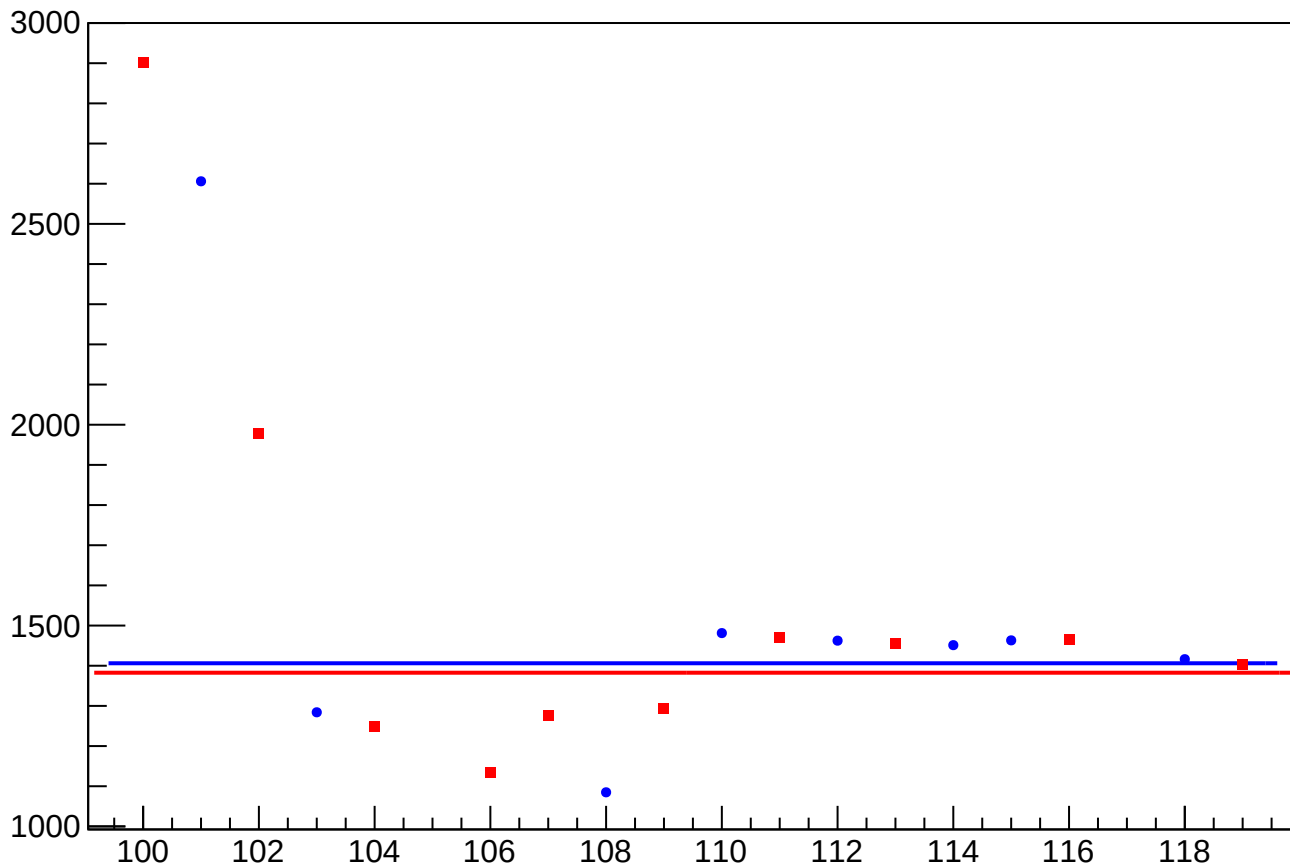
Right: 17.676+/-531.063 χ^2/NDF : 30.5/17

In: 388.160+/-795.819 χ^2/NDF : 10.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.676+/-531.063 χ^2/NDF : 30.5/17

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1406.154+/-0.563 χ^2/NDF : 361145.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1382.615+/-0.504 χ^2/NDF : 175943.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

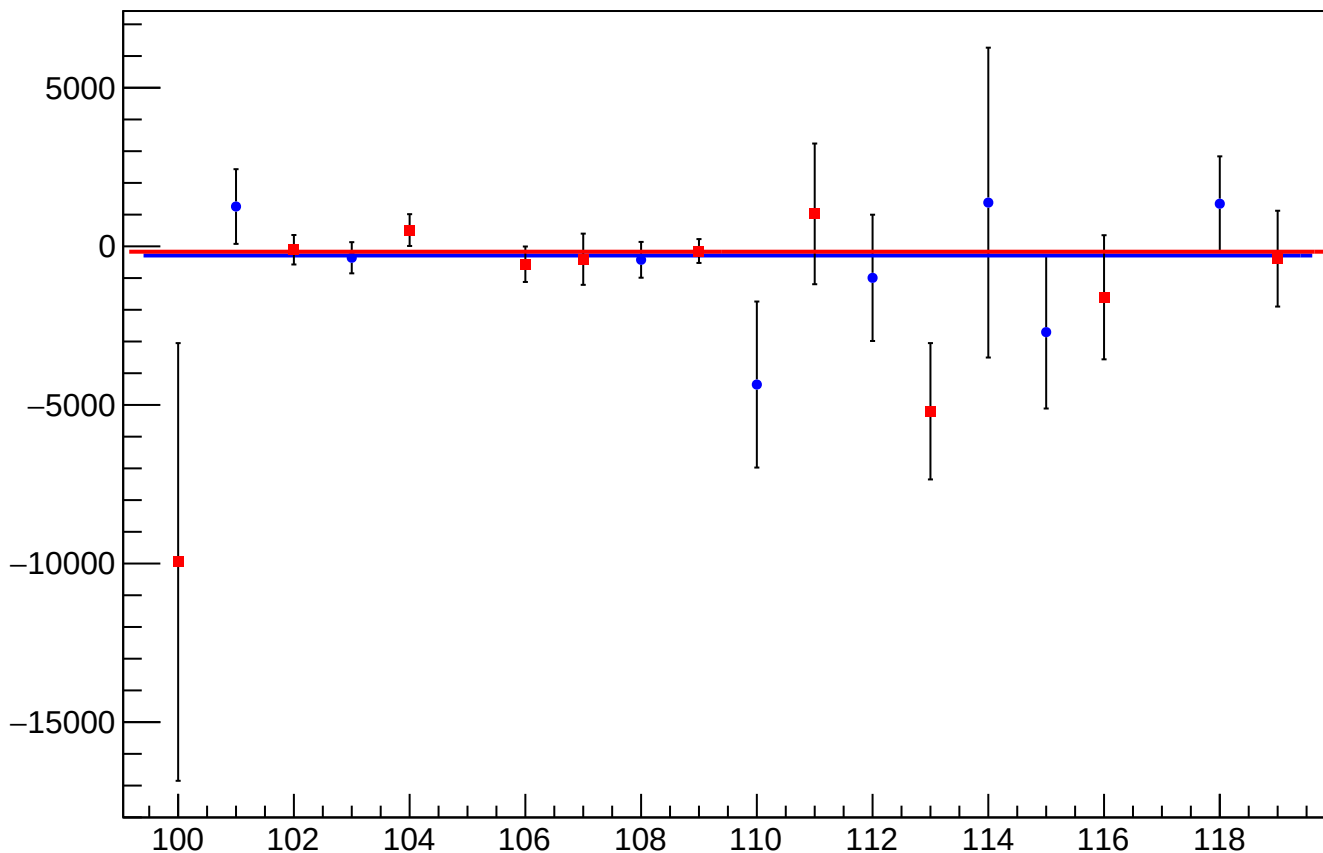
Right: 1393.097+/-0.376 χ^2/NDF : 538058.8/17

In: 1406.154+/-0.563 χ^2/NDF : 361145.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1393.097+/-0.376 χ^2/NDF : 538058.8/17

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.943+/-332.160 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.839+/-215.409 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

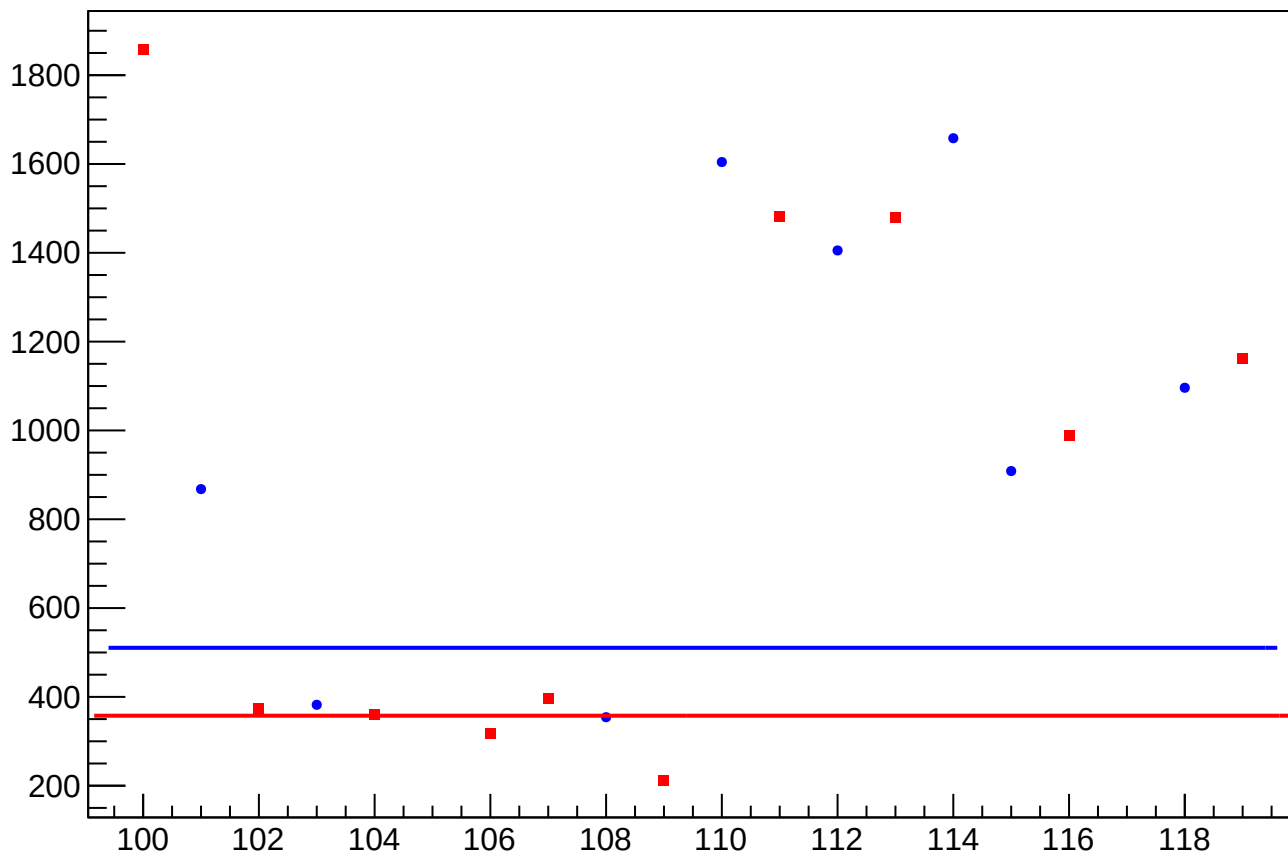
Right: -204.101+/-180.731 χ^2/NDF : 17.5/17

In: -287.943+/-332.160 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -204.101+/-180.731 χ^2/NDF : 17.5/17

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 510.542 $\pm$ 0.235 χ^2 /NDF: 1699708.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 357.613 $\pm$ 0.152 χ^2 /NDF: 2247077.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

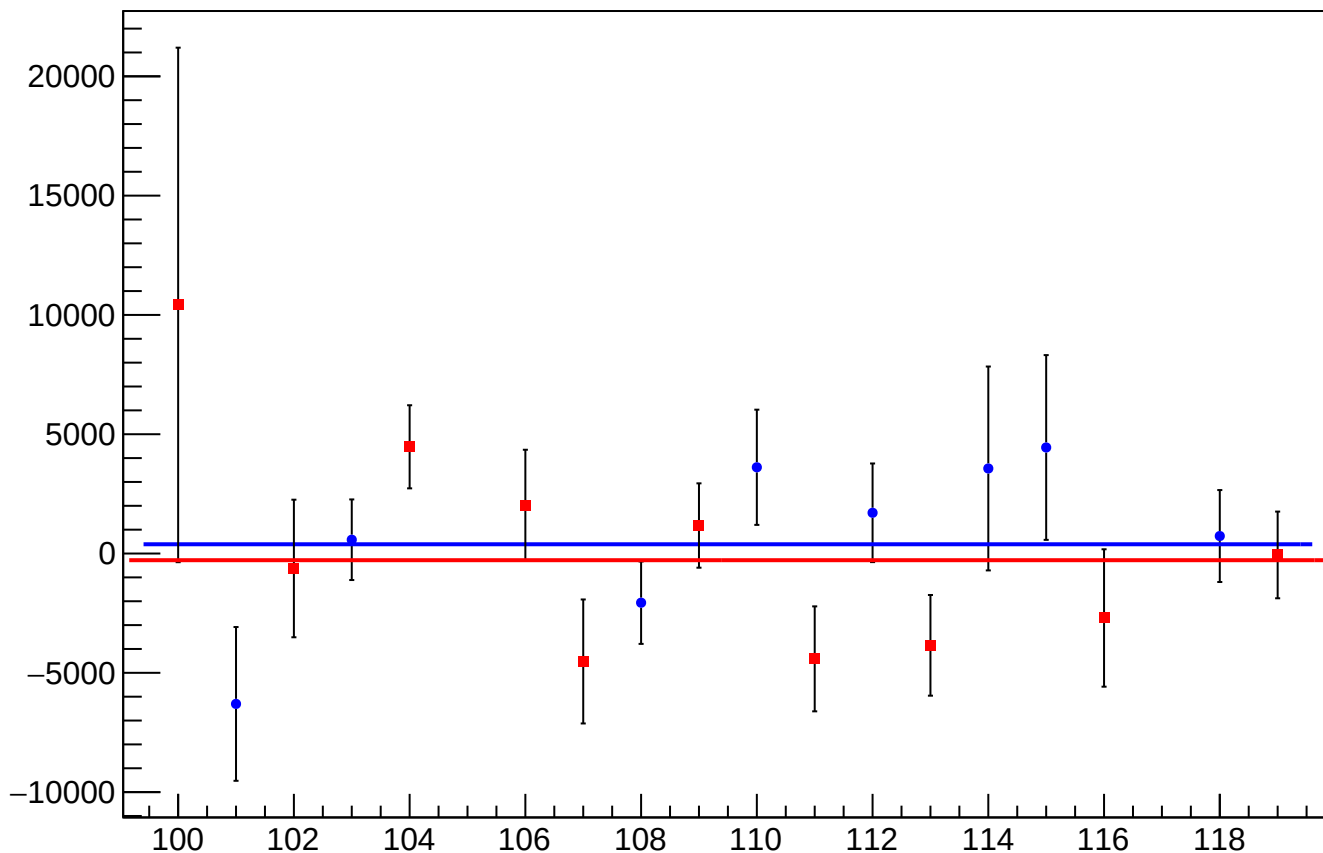
Right: 402.888 $\pm$ 0.128 χ^2 /NDF: 4245220.7/17

In: 510.542 $\pm$ 0.235 χ^2 /NDF:1699708.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 402.888 $\pm$ 0.128 χ^2 /NDF: 4245220.7/17

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 388.151+/-795.819 χ^2/NDF : 10.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -279.758+/-713.053 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

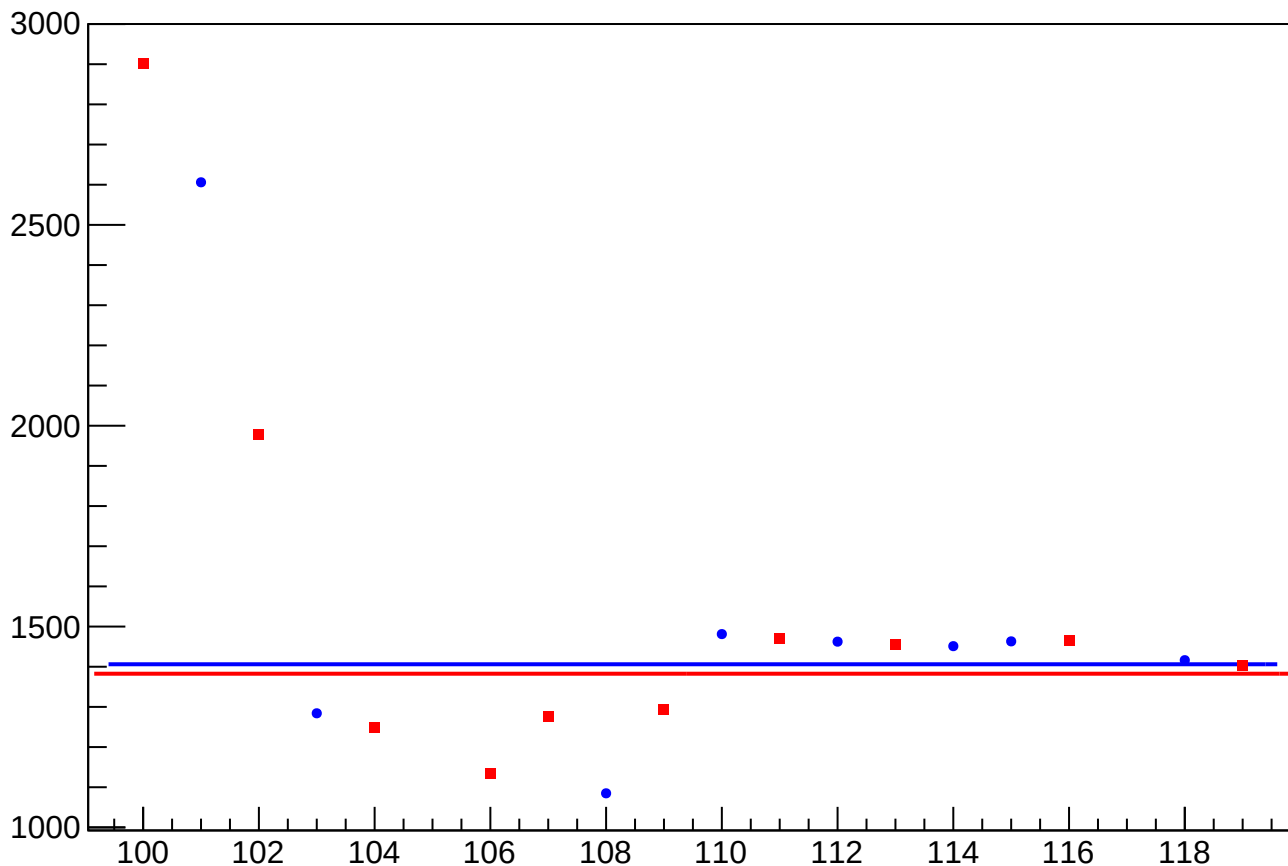
Right: 17.670+/-531.063 χ^2/NDF : 30.5/17

In: 388.151+/-795.819 χ^2/NDF :10.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.670+/-531.063 χ^2/NDF : 30.5/17

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1406.154+/-0.563 χ^2/NDF : 361144.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1382.615+/-0.504 χ^2/NDF : 175943.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

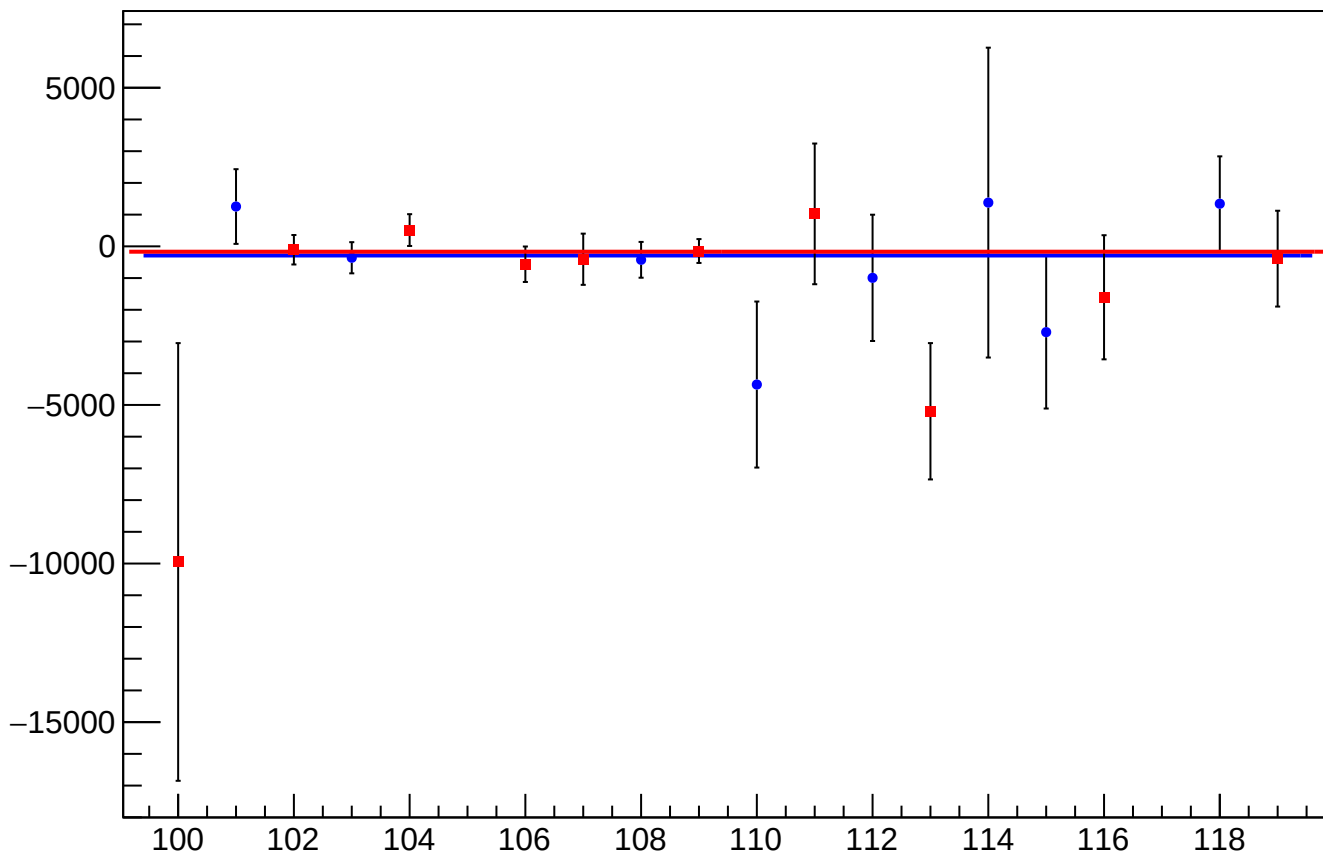
Right: 1393.097+/-0.376 χ^2/NDF : 538058.4/17

In: 1406.154+/-0.563 χ^2/NDF :361144.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1393.097+/-0.376 χ^2/NDF : 538058.4/17

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -287.951+/-332.156 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -168.834+/-215.410 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

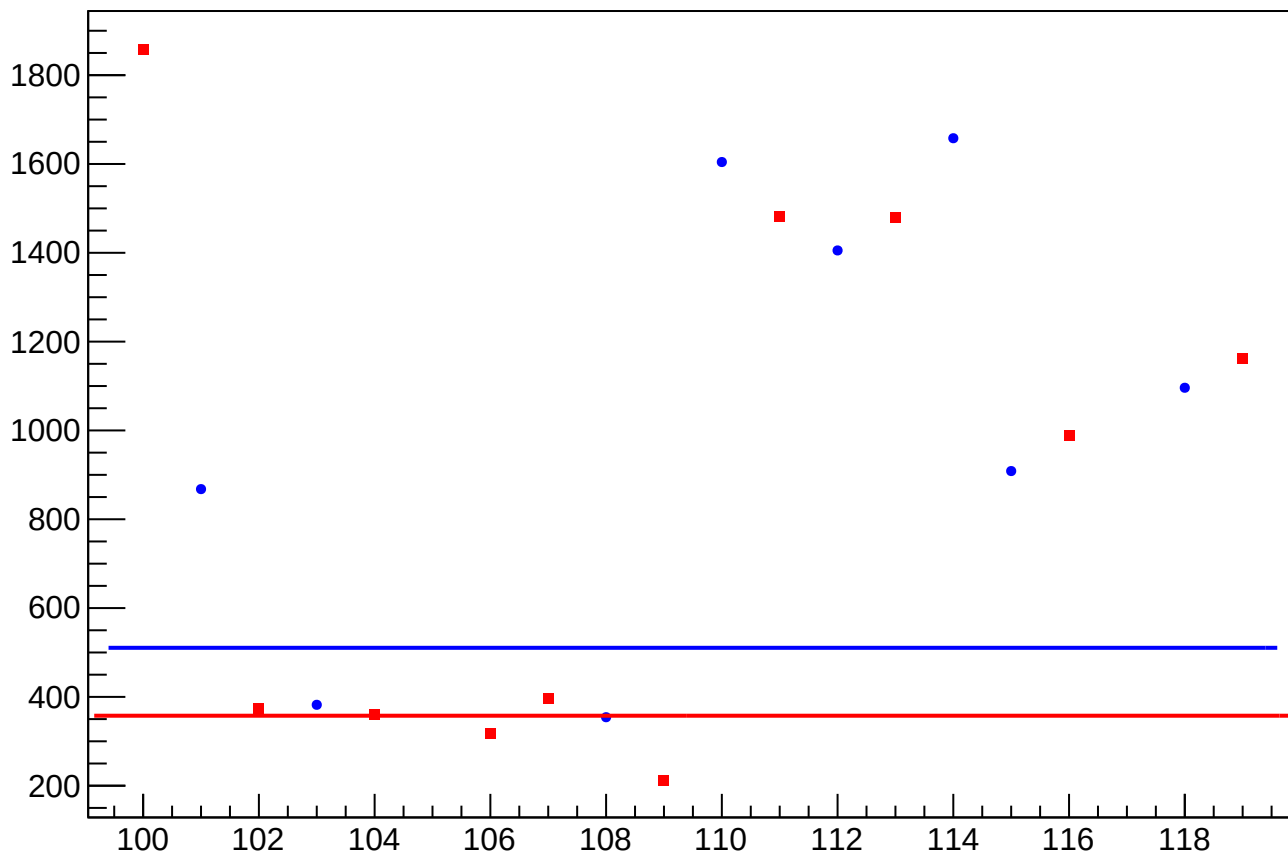
Right: -204.100+/-180.731 χ^2/NDF : 17.5/17

In: -287.951+/-332.156 χ^2/NDF :6.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -204.100+/-180.731 χ^2/NDF : 17.5/17

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 510.533+/-0.235 χ^2/NDF : 1699749.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 357.618+/-0.152 χ^2/NDF : 2247024.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

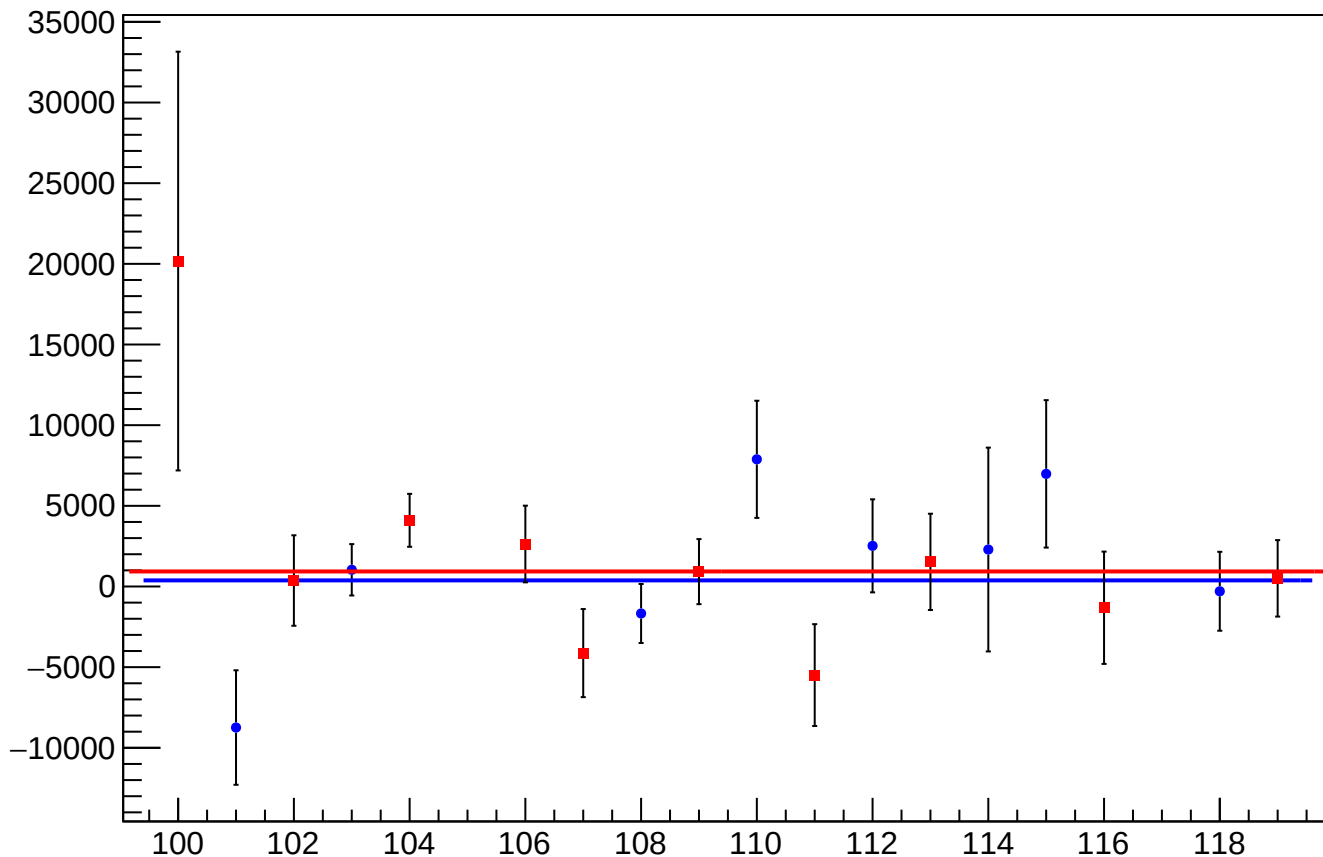
Right: 402.890+/-0.128 χ^2/NDF : 4245161.2/17

In: 510.533+/-0.235 χ^2/NDF : 1699749.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.890+/-0.128 χ^2/NDF : 4245161.2/17

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 378.438+/-909.499 χ^2/NDF : 15.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 932.303+/-807.196 χ^2/NDF : 14.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

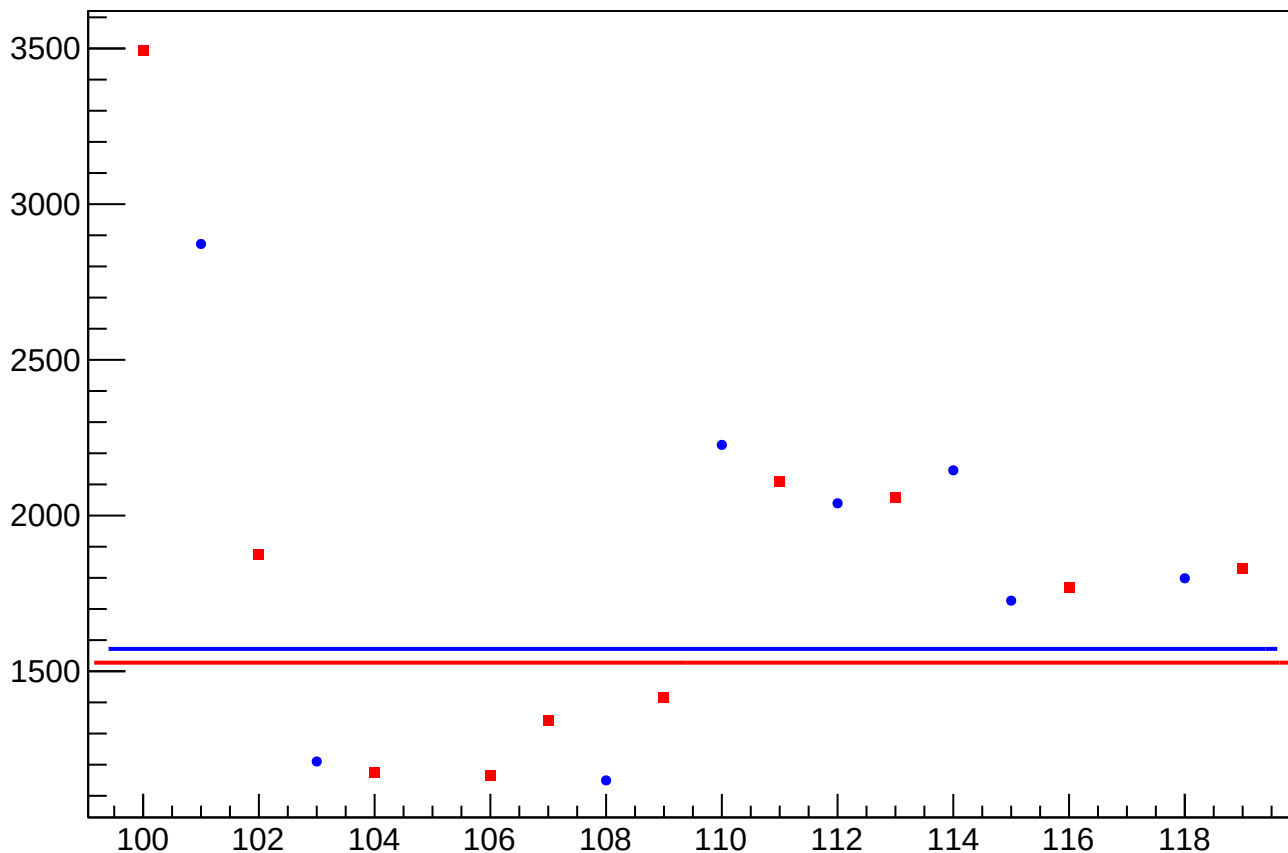
Right: 688.260+/-603.717 χ^2/NDF : 29.9/17

In: 378.438+/-909.499 χ^2/NDF : 15.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.260+/-603.717 χ^2/NDF : 29.9/17

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1571.807+/-0.643 χ^2/NDF : 631847.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.605+/-0.571 χ^2/NDF : 403466.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

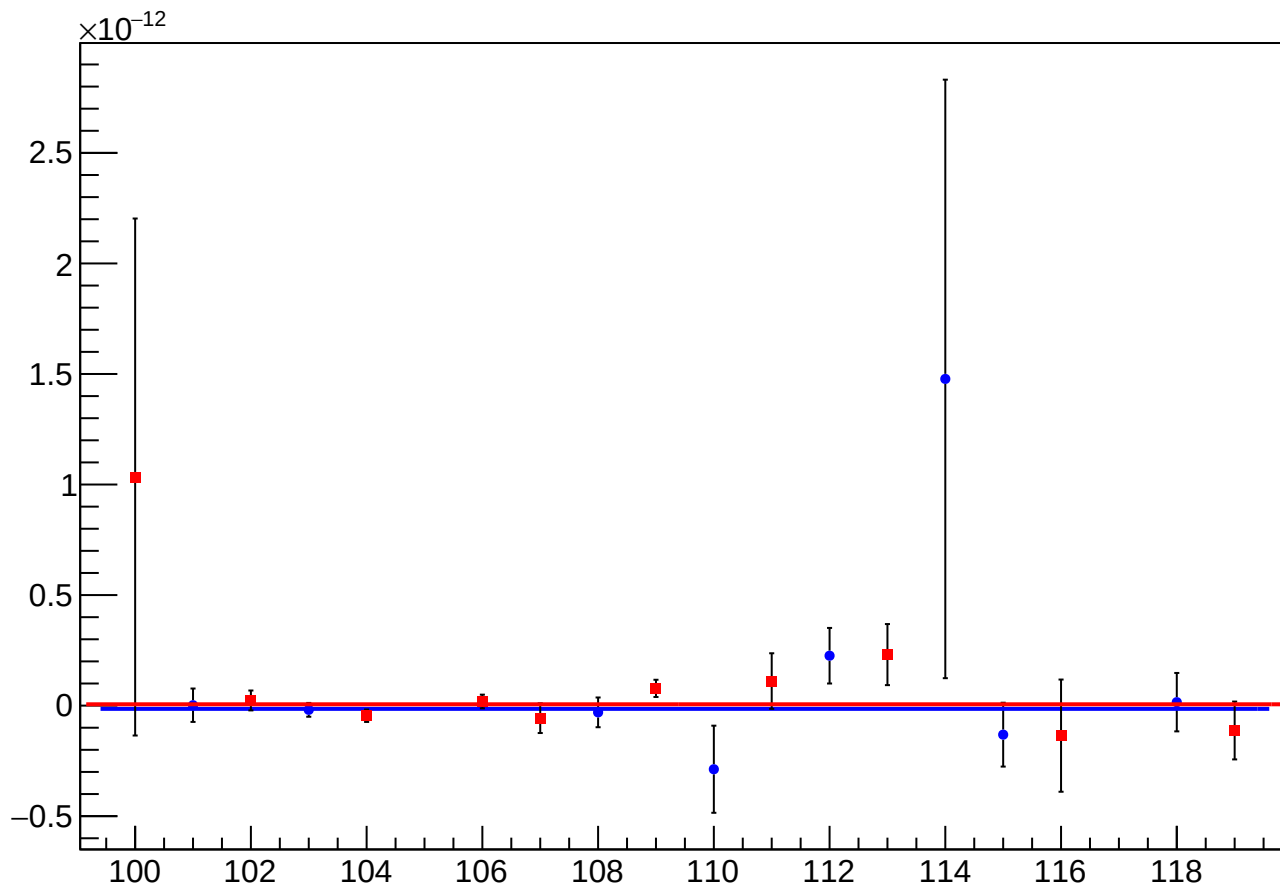
Right: 1547.081+/-0.427 χ^2/NDF : 1037956.5/17

In: 1571.807+/-0.643 χ^2/NDF : 631847.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.081+/-0.427 χ^2/NDF : 1037956.5/17

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 7.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 13.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

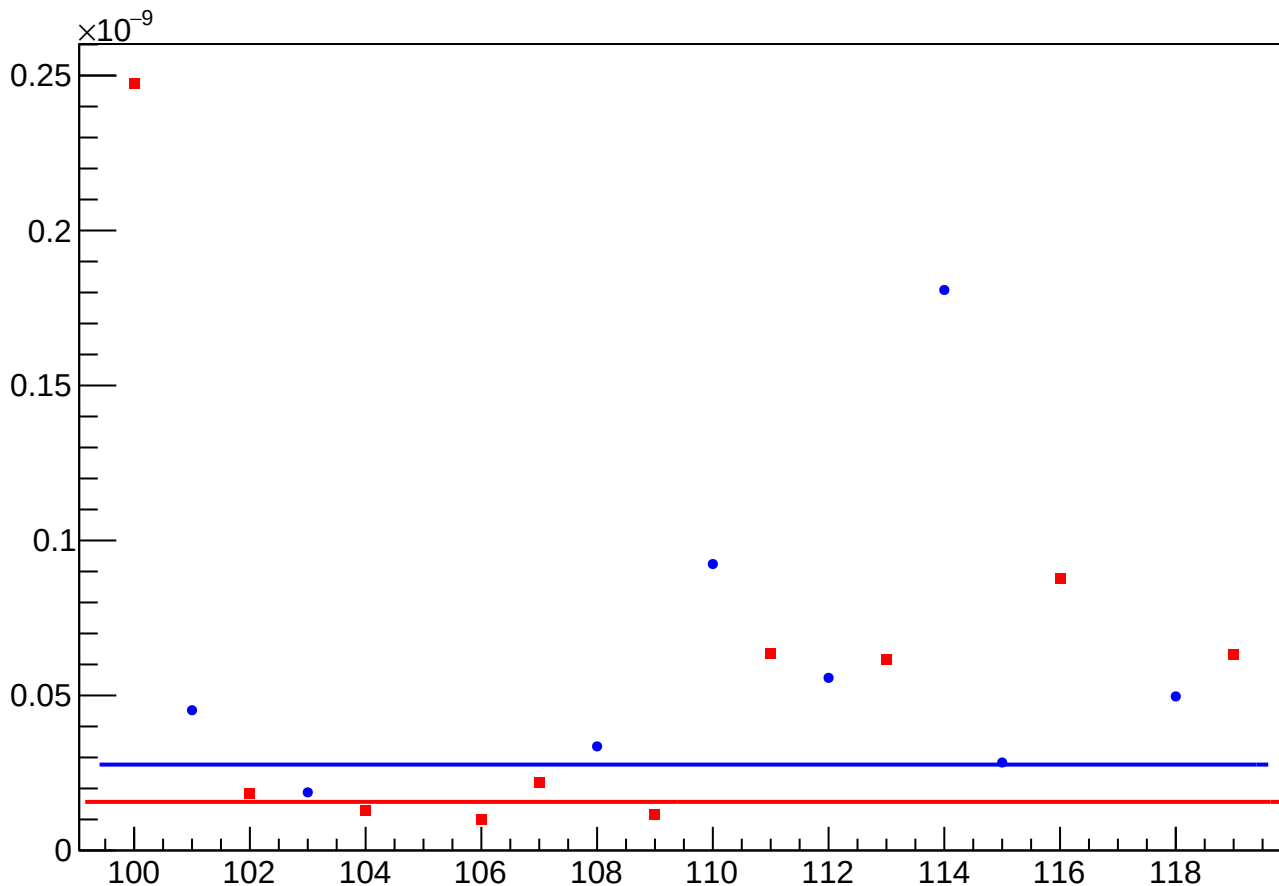
Right: -0.000+/-0.000 χ^2 /NDF: 21.4/17

In: -0.000+/-0.000 χ^2 /NDF:7.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 21.4/17

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 683719.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1153683.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

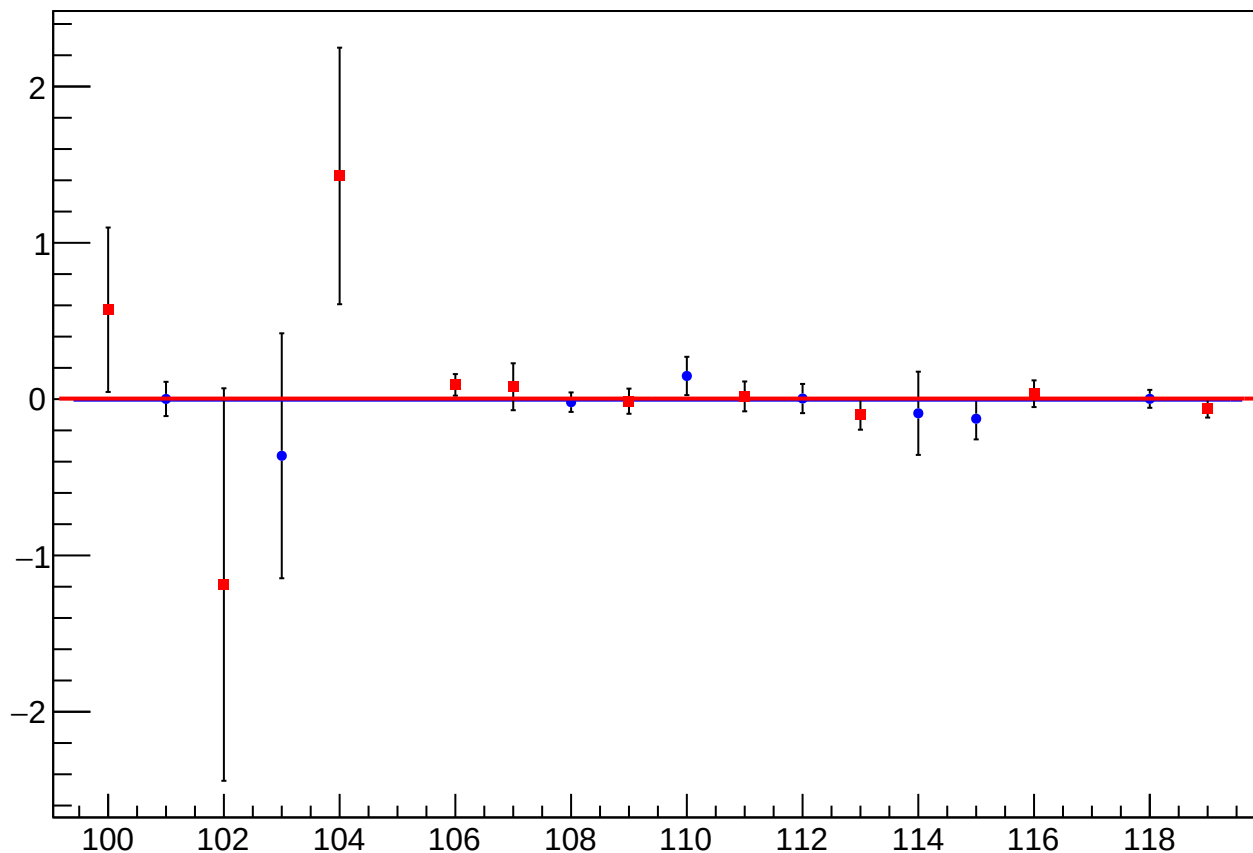
Right: 0.000+/-0.000 χ^2/NDF : 2167451.9/17

In: 0.000+/-0.000 χ^2/NDF : 683719.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2167451.9/17

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.031 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

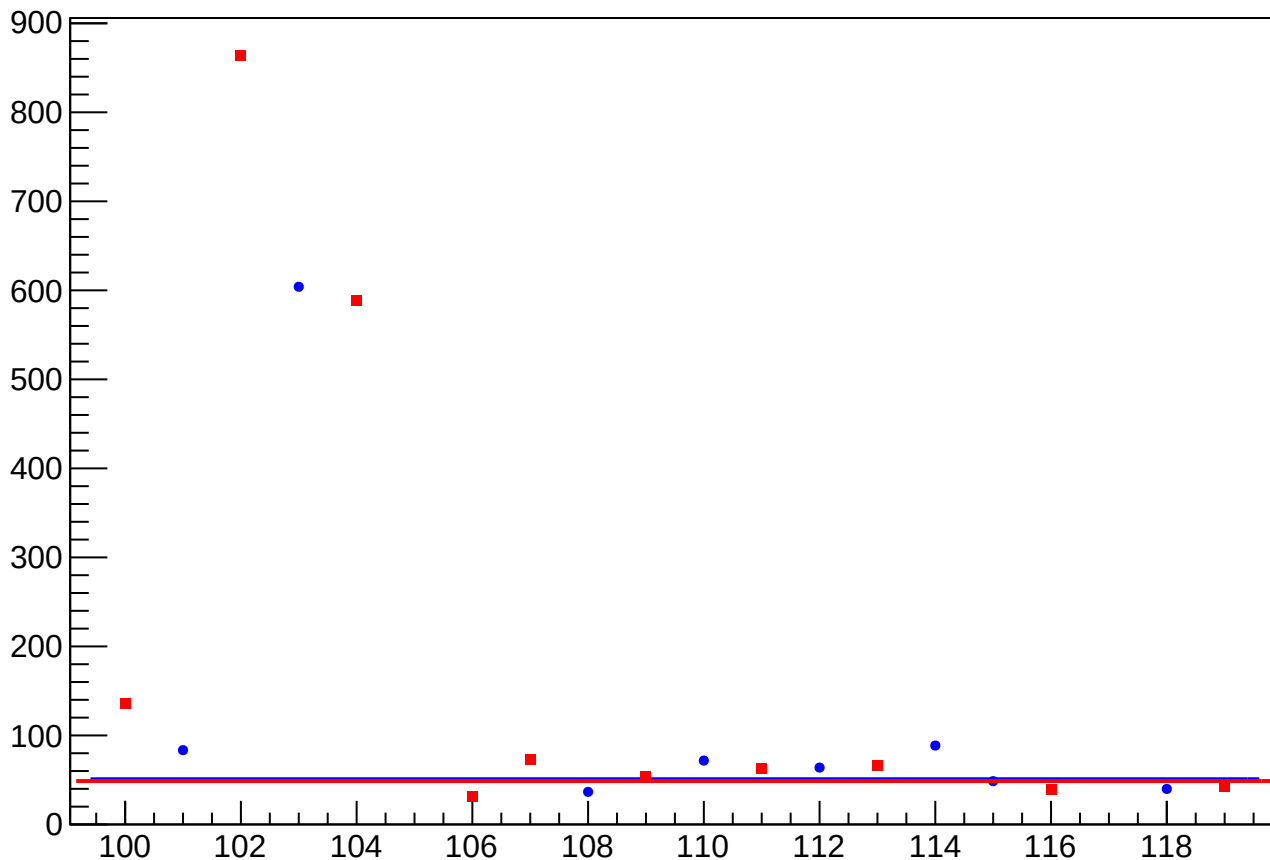
Right: 0.000+/-0.023 χ^2/NDF : 12.1/17

In: -0.003+/-0.033 χ^2/NDF :2.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.023 χ^2/NDF : 12.1/17

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.764+/-0.024 χ^2/NDF : 1489510.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.761+/-0.022 χ^2/NDF : 2101725.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

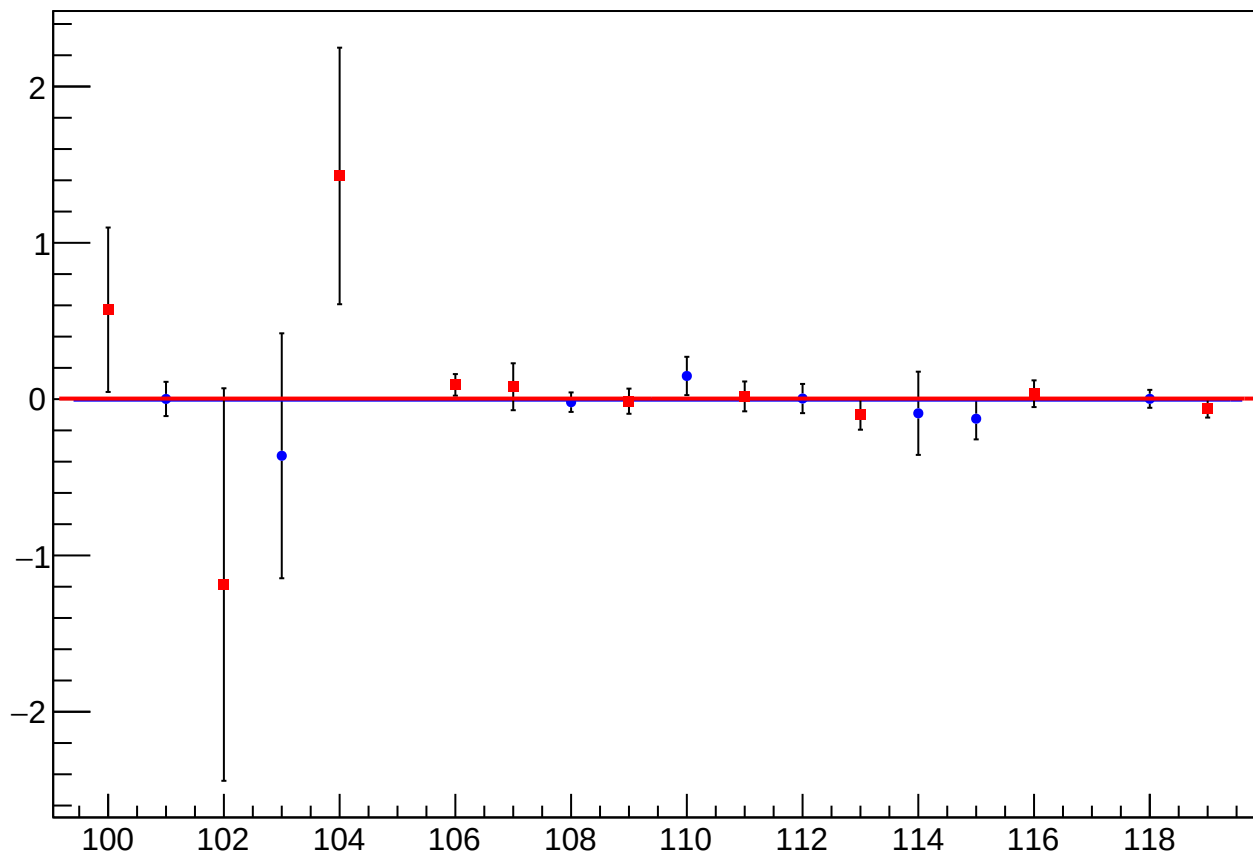
Right: 49.684+/-0.016 χ^2/NDF : 3595122.7/17

In: 50.764+/-0.024 χ^2/NDF :1489510.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.684+/-0.016 χ^2/NDF : 3595122.7/17

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.031 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

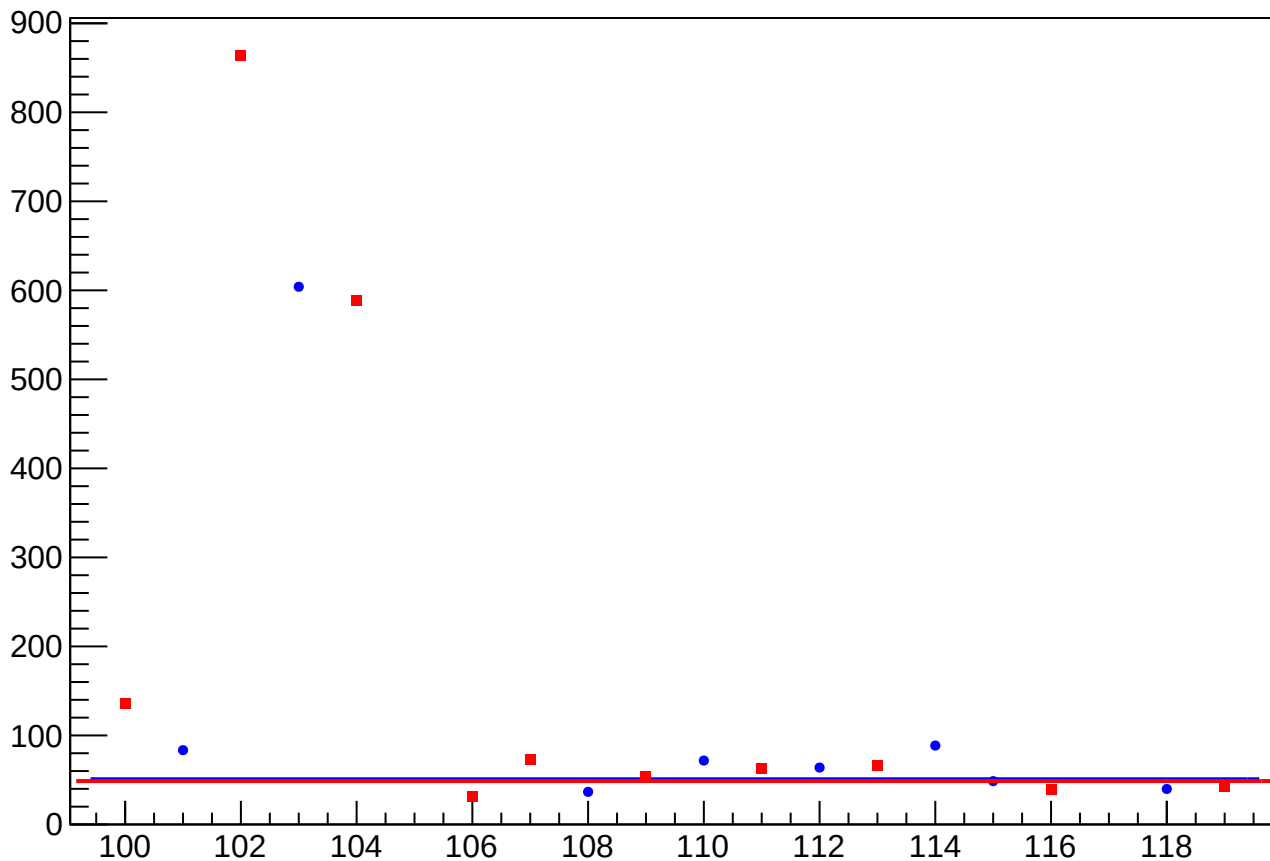
Right: 0.000+/-0.023 χ^2/NDF : 12.1/17

In: -0.003+/-0.033 χ^2/NDF :2.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.023 χ^2/NDF : 12.1/17

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.764+/-0.024 χ^2/NDF : 1489510.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.761+/-0.022 χ^2/NDF : 2101725.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

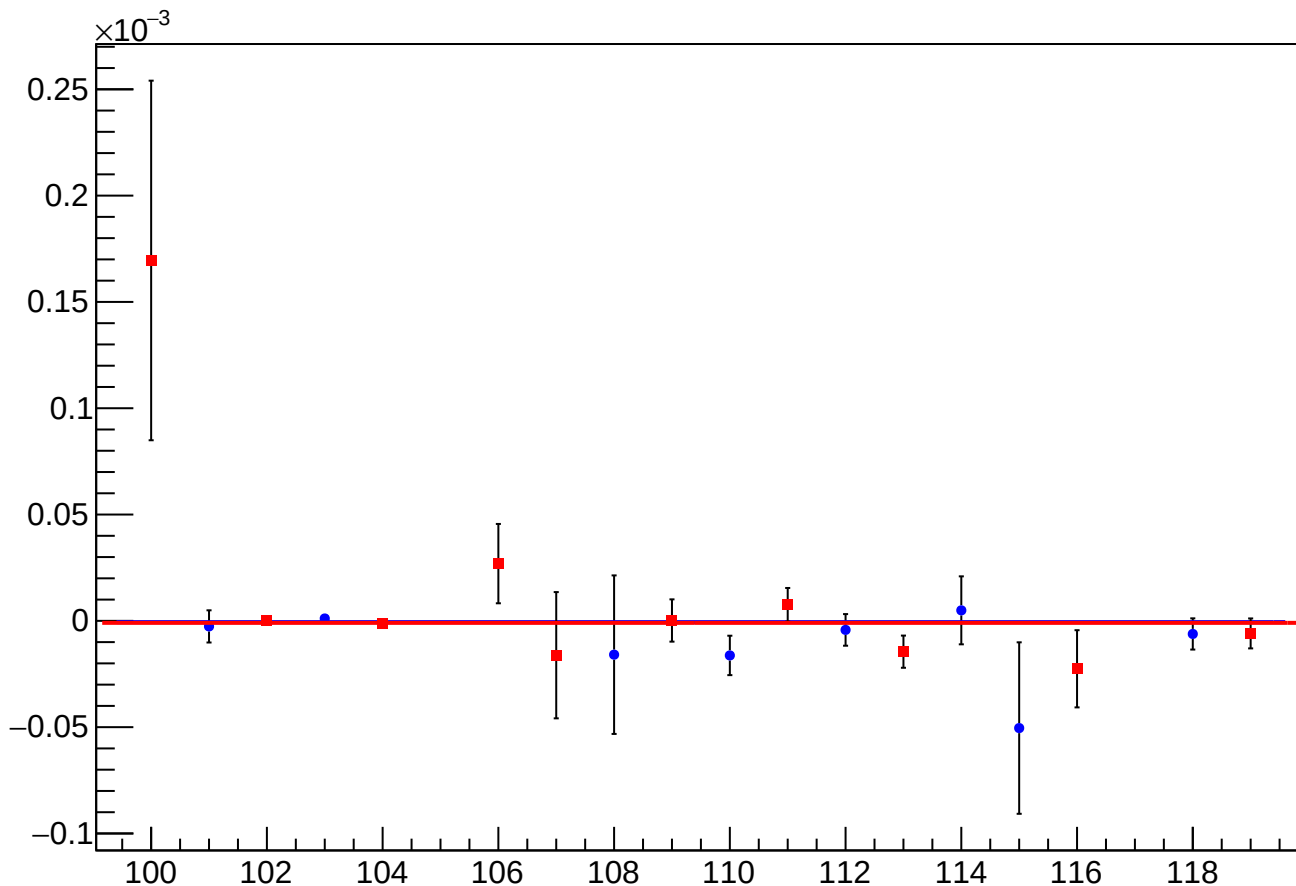
Right: 49.684+/-0.016 χ^2/NDF : 3595122.7/17

In: 50.764+/-0.024 χ^2/NDF : 1489510.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.684+/-0.016 χ^2/NDF : 3595122.7/17

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 : 6.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

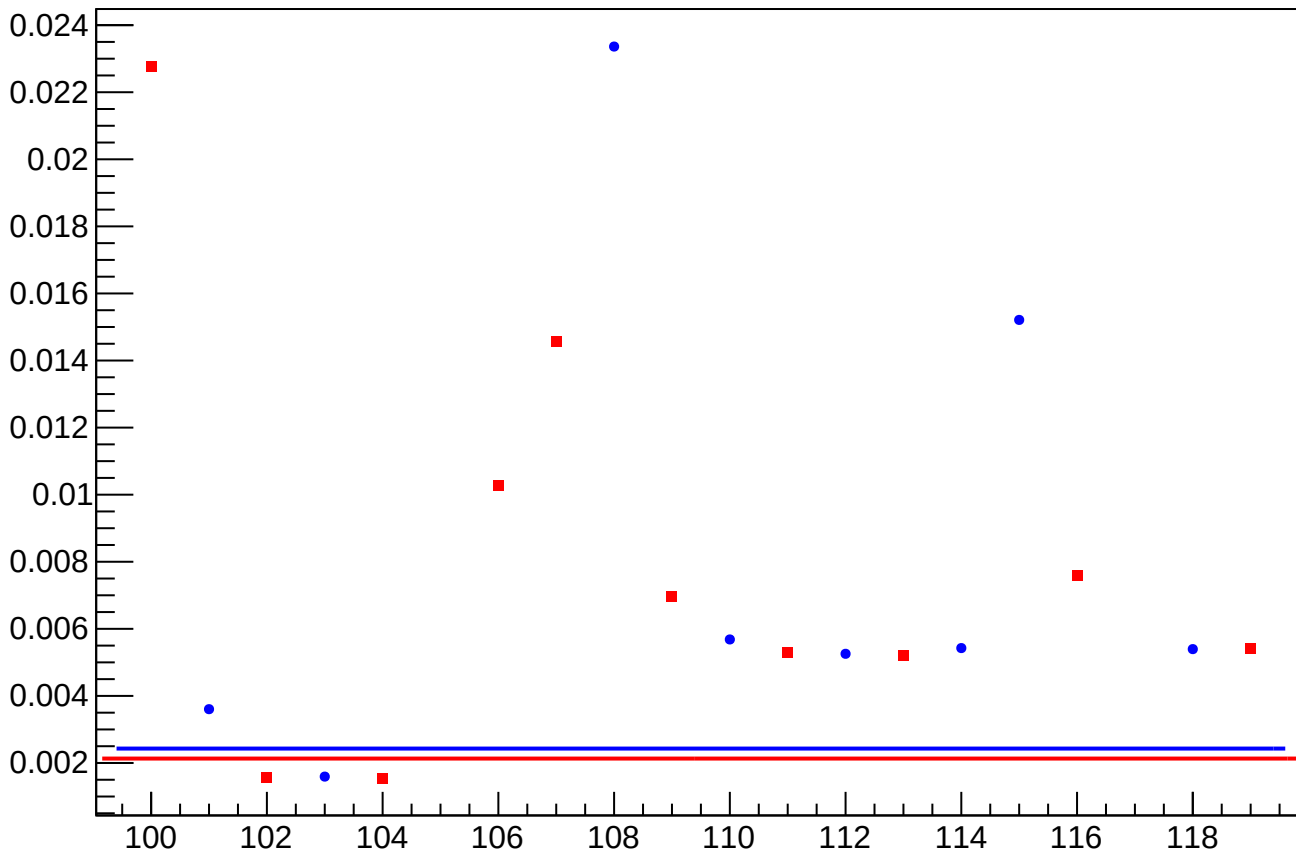
Right: -0.000+/-0.000 χ^2/NDF : 19.4/17

In: -0.000+/-0.000 χ^2/NDF : 6.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/17

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 : 2144441.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2910714.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

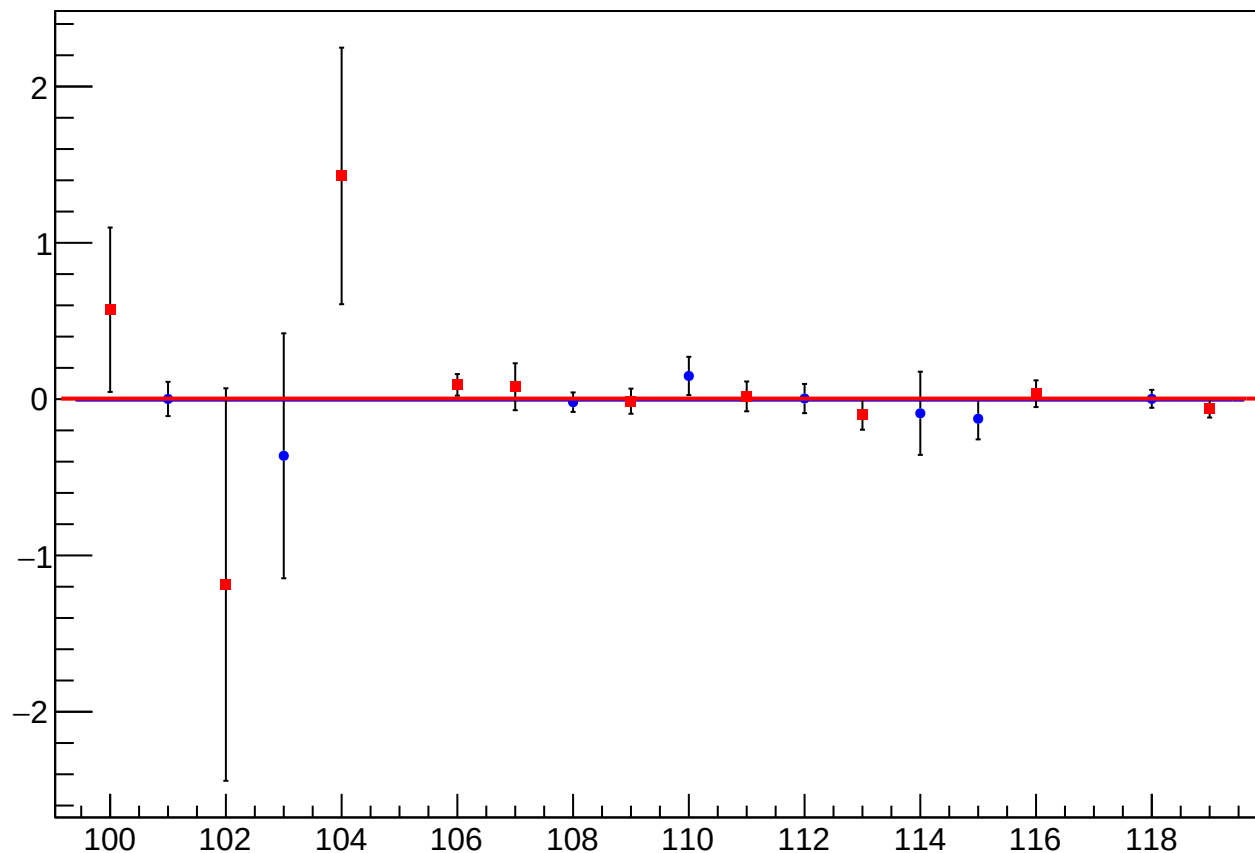
Right: 0.002+/-0.000 χ^2/NDF : 5090342.5/17

In: 0.002+/-0.000 χ^2/NDF :2144441.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5090342.5/17

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003 ± 0.033 χ^2/NDF : 2.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.004 ± 0.031 χ^2/NDF : 9.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

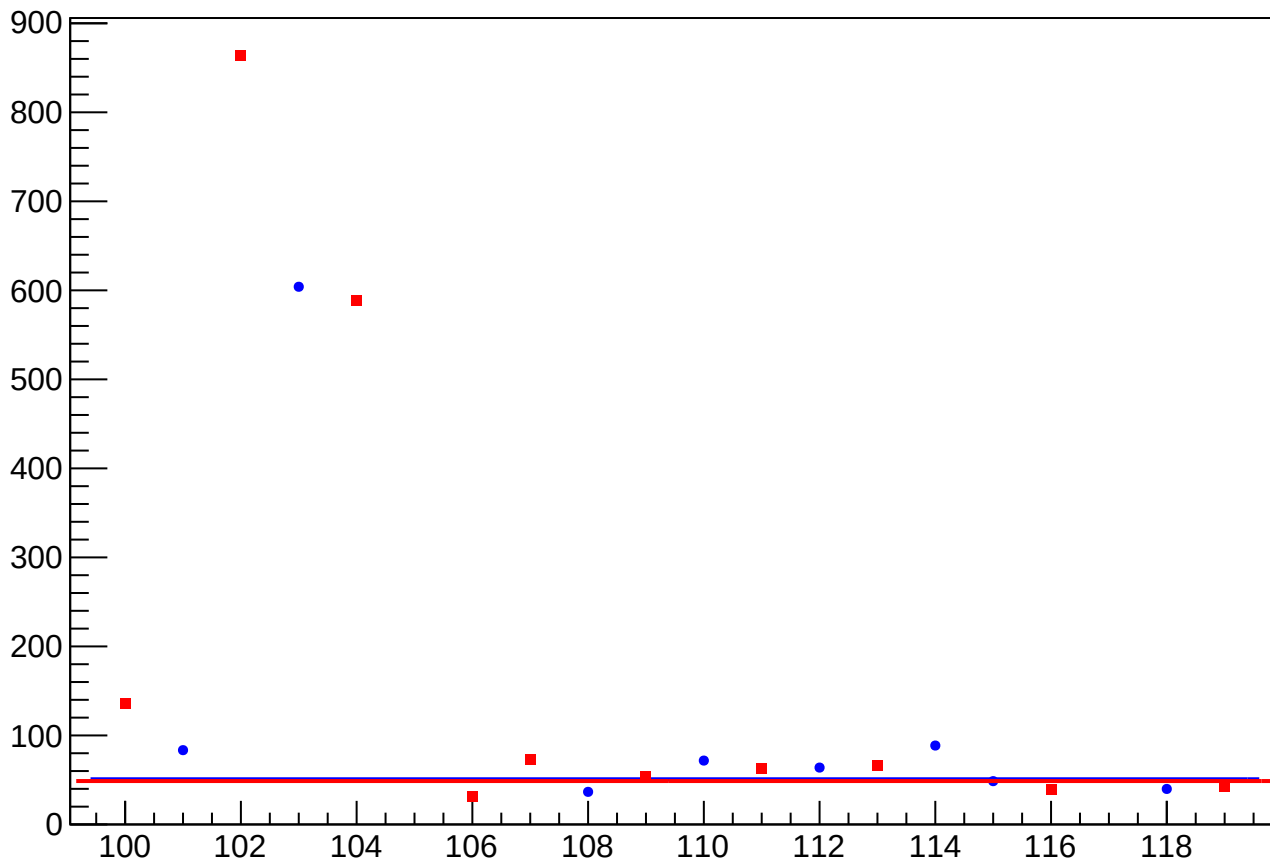
Right: 0.000 ± 0.023 χ^2/NDF : 12.1/17

In: -0.003 ± 0.033 χ^2/NDF : 2.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.023 χ^2/NDF : 12.1/17

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.770+/-0.024 χ^2/NDF : 1489250.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.763+/-0.022 χ^2/NDF : 2101550.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

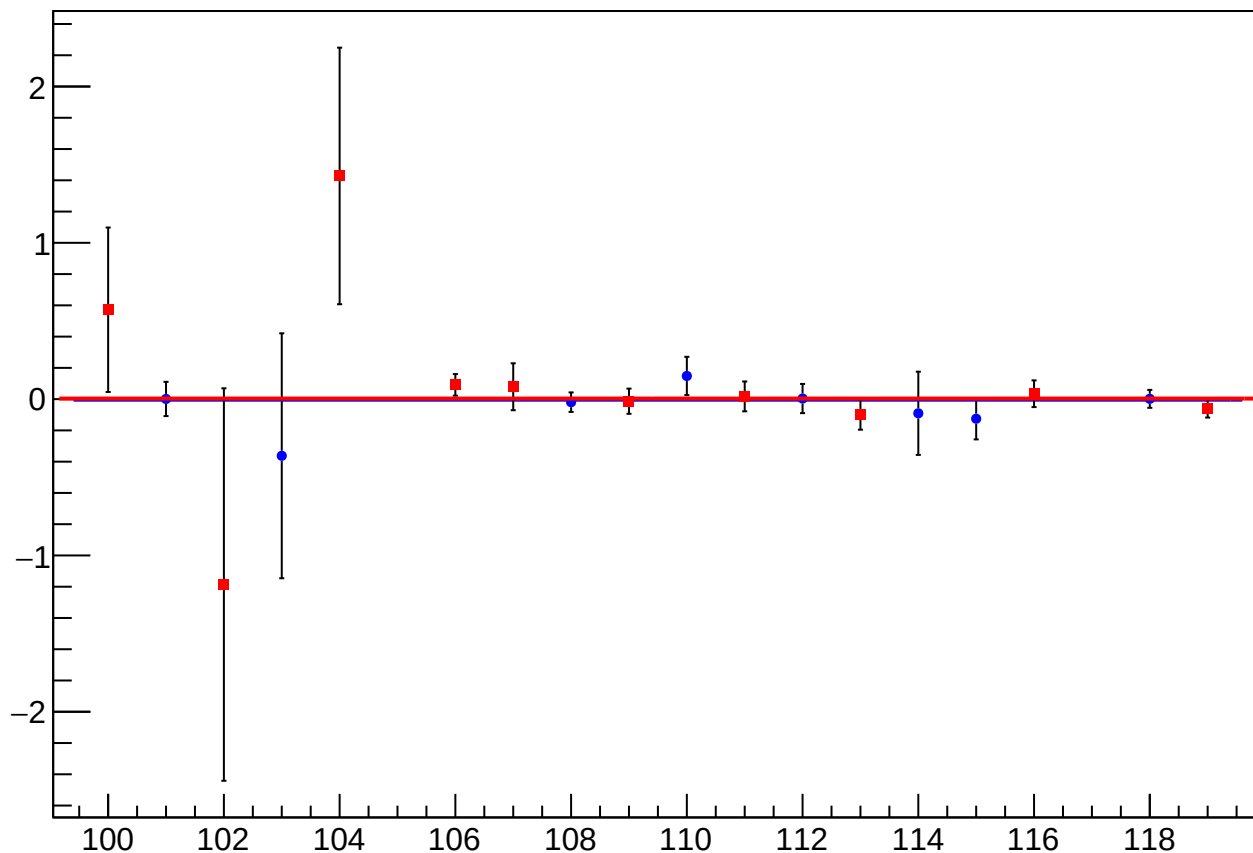
Right: 49.688+/-0.016 χ^2/NDF : 3594702.8/17

In: 50.770+/-0.024 χ^2/NDF :1489250.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.688+/-0.016 χ^2/NDF : 3594702.8/17

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.031 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

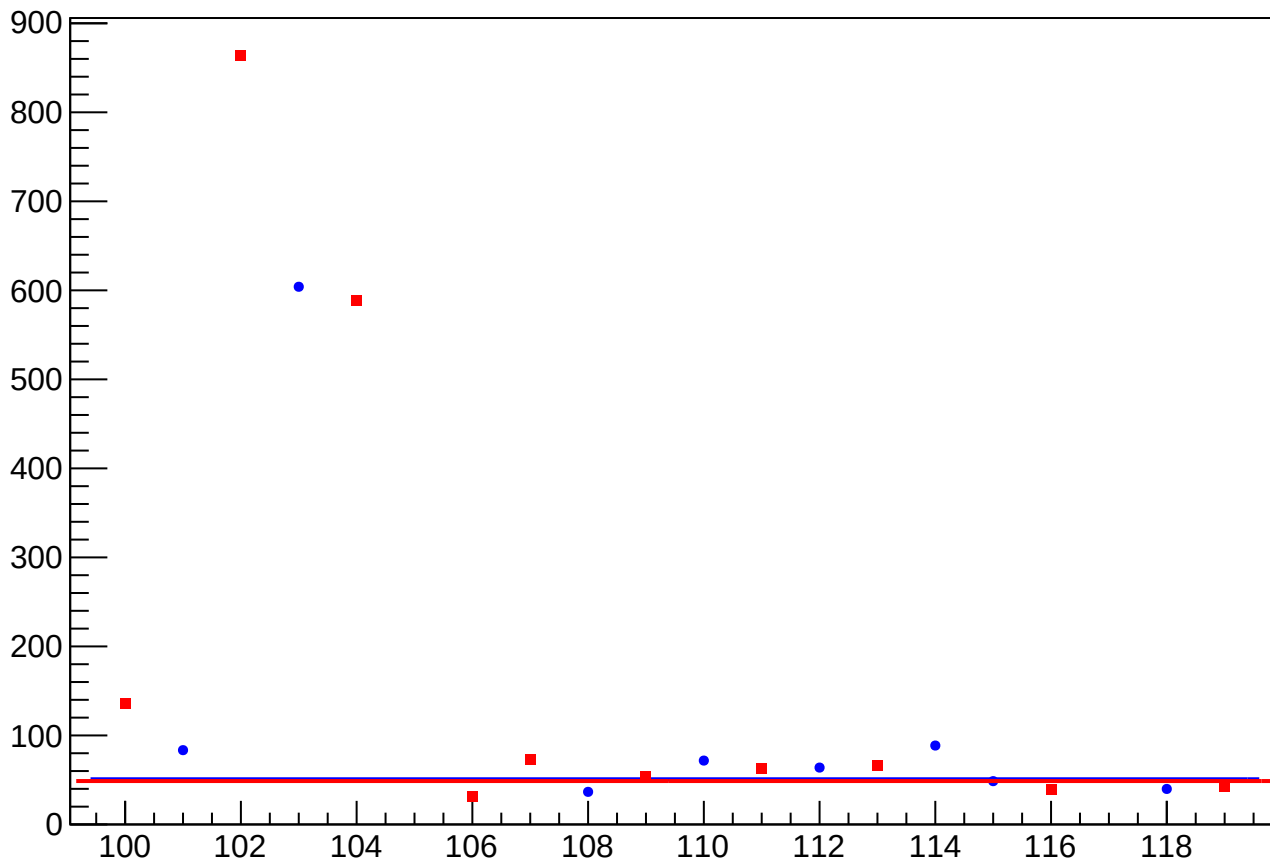
Right: 0.000+/-0.023 χ^2/NDF : 12.1/17

In: -0.003+/-0.033 χ^2/NDF :2.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.023 χ^2/NDF : 12.1/17

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.770+/-0.024 χ^2/NDF : 1489250.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 48.763+/-0.022 χ^2/NDF : 2101550.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

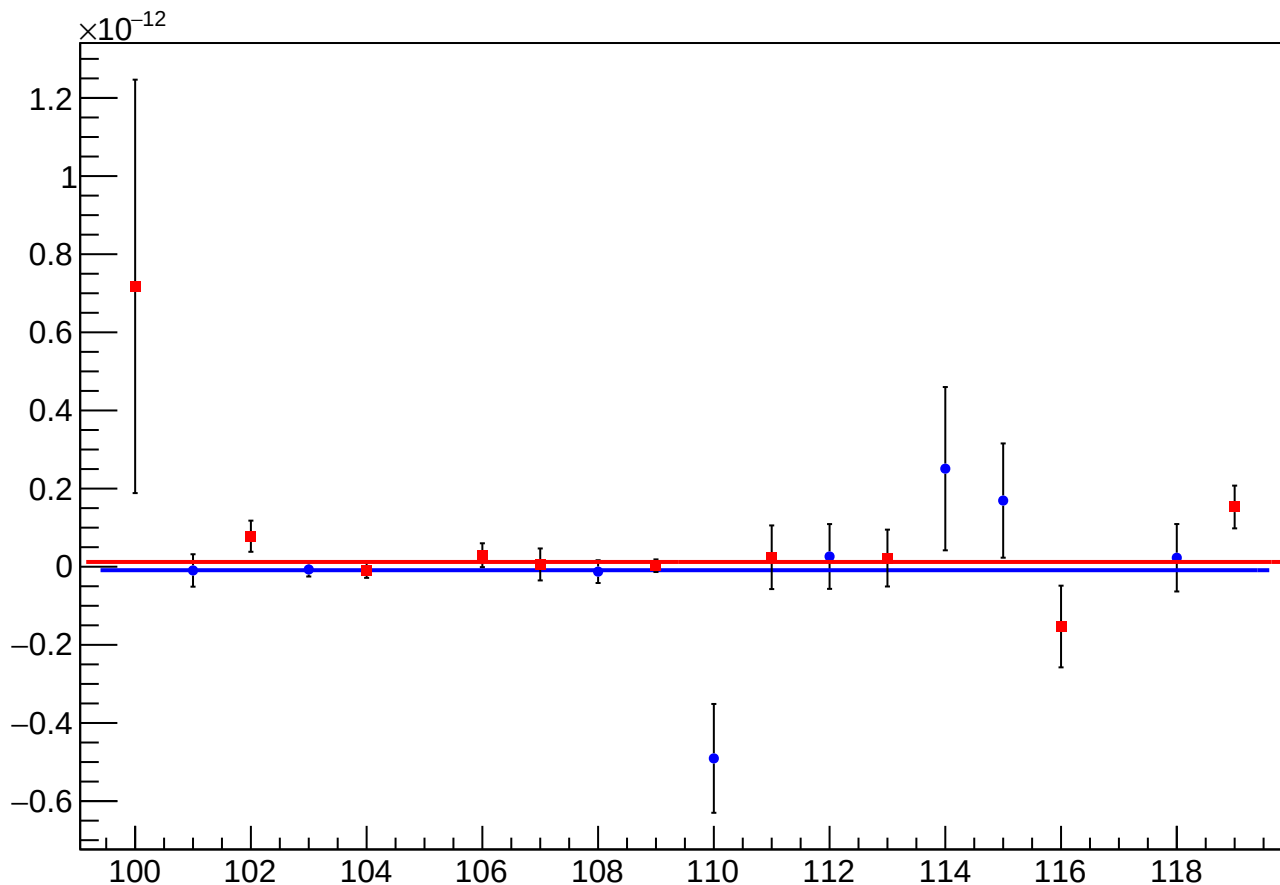
Right: 49.688+/-0.016 χ^2/NDF : 3594702.8/17

In: 50.770+/-0.024 χ^2/NDF :1489250.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.688+/-0.016 χ^2/NDF : 3594702.8/17

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 : 15.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

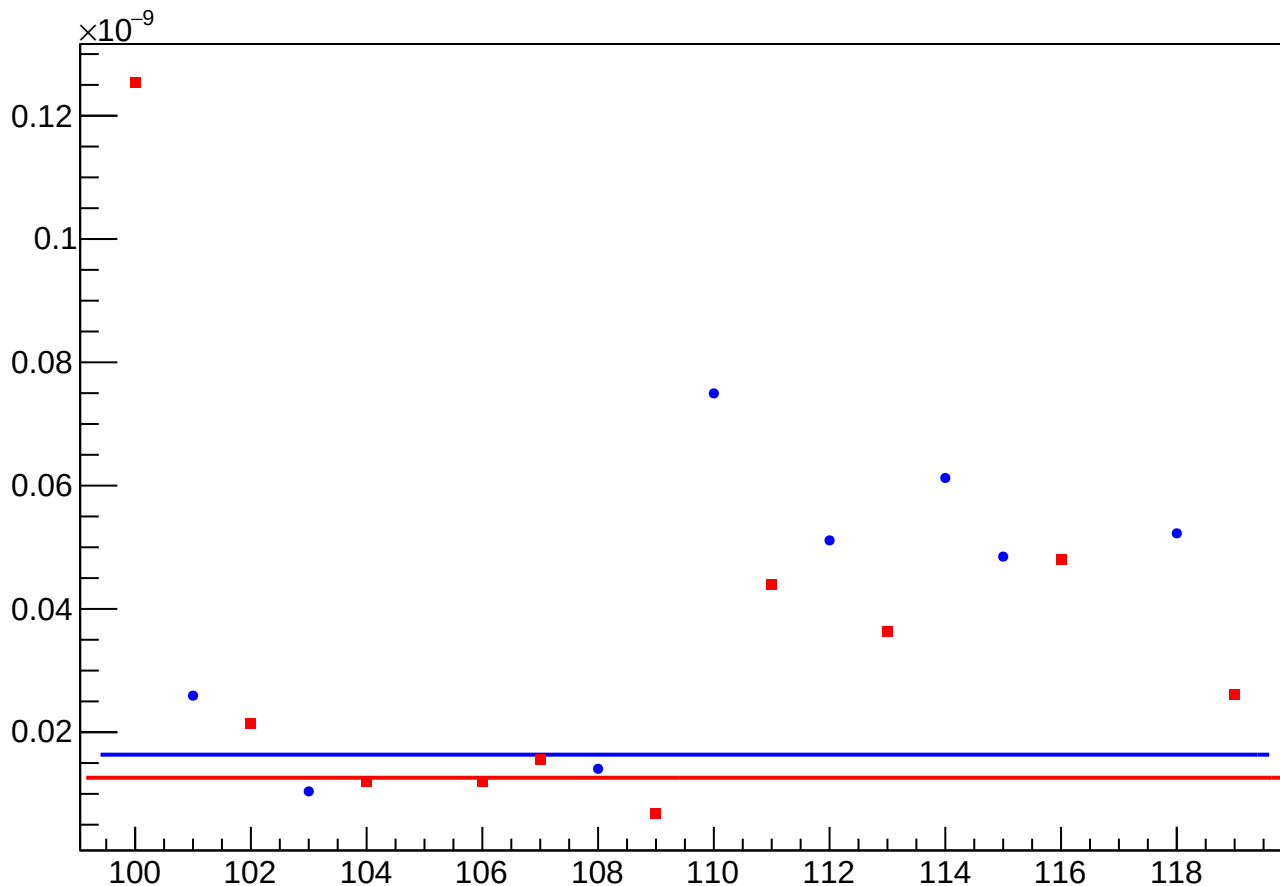
Right: 0.000+/-0.000 χ^2/NDF : 32.4/17

In: -0.000+/-0.000 χ^2/NDF : 15.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.4/17

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 : 1576391.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1323971.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

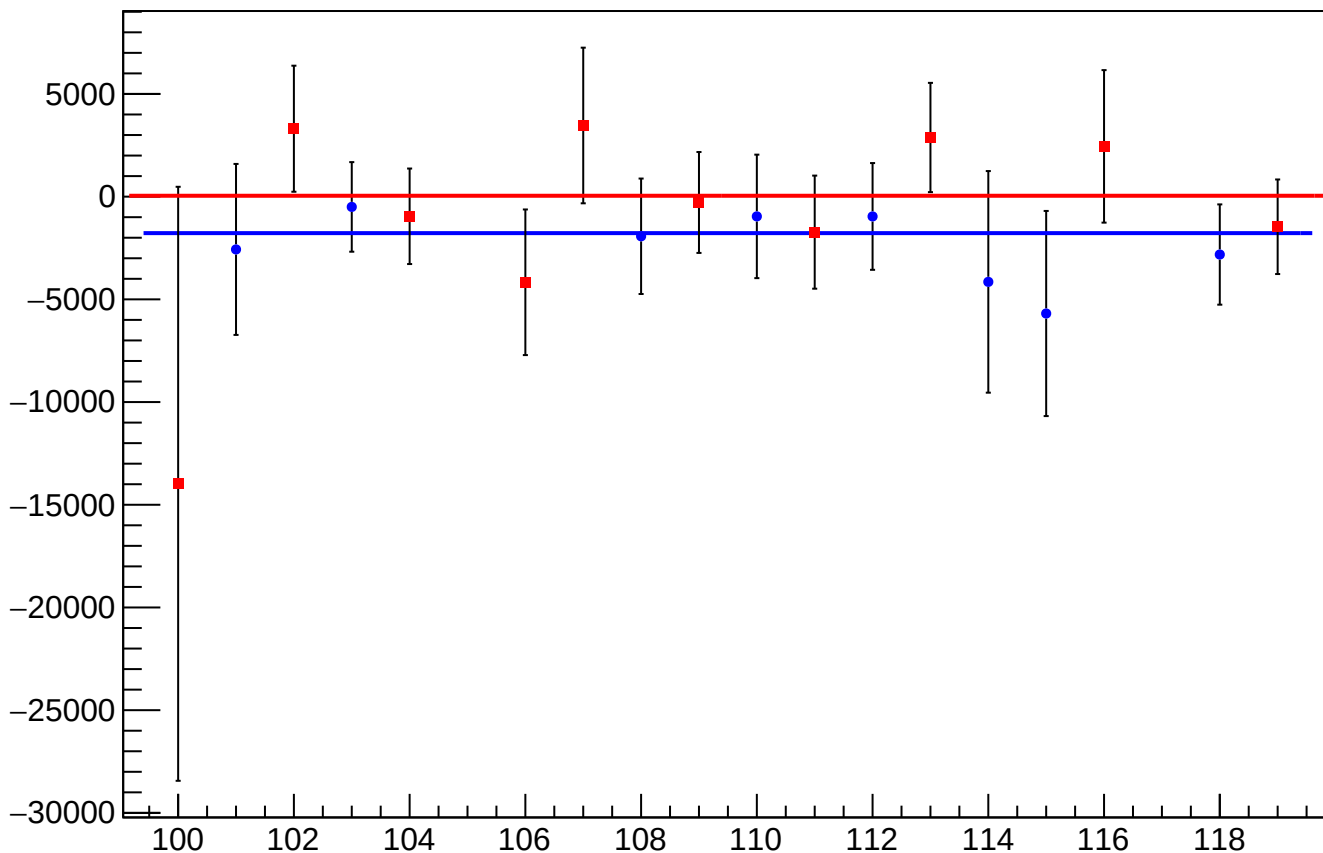
Right: 0.000+/-0.000 χ^2/NDF : 2995167.7/17

In: 0.000+/-0.000 χ^2/NDF : 1576391.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2995167.7/17

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1775.708+/-1056.589 χ^2/NDF : 1.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.348+/-934.278 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

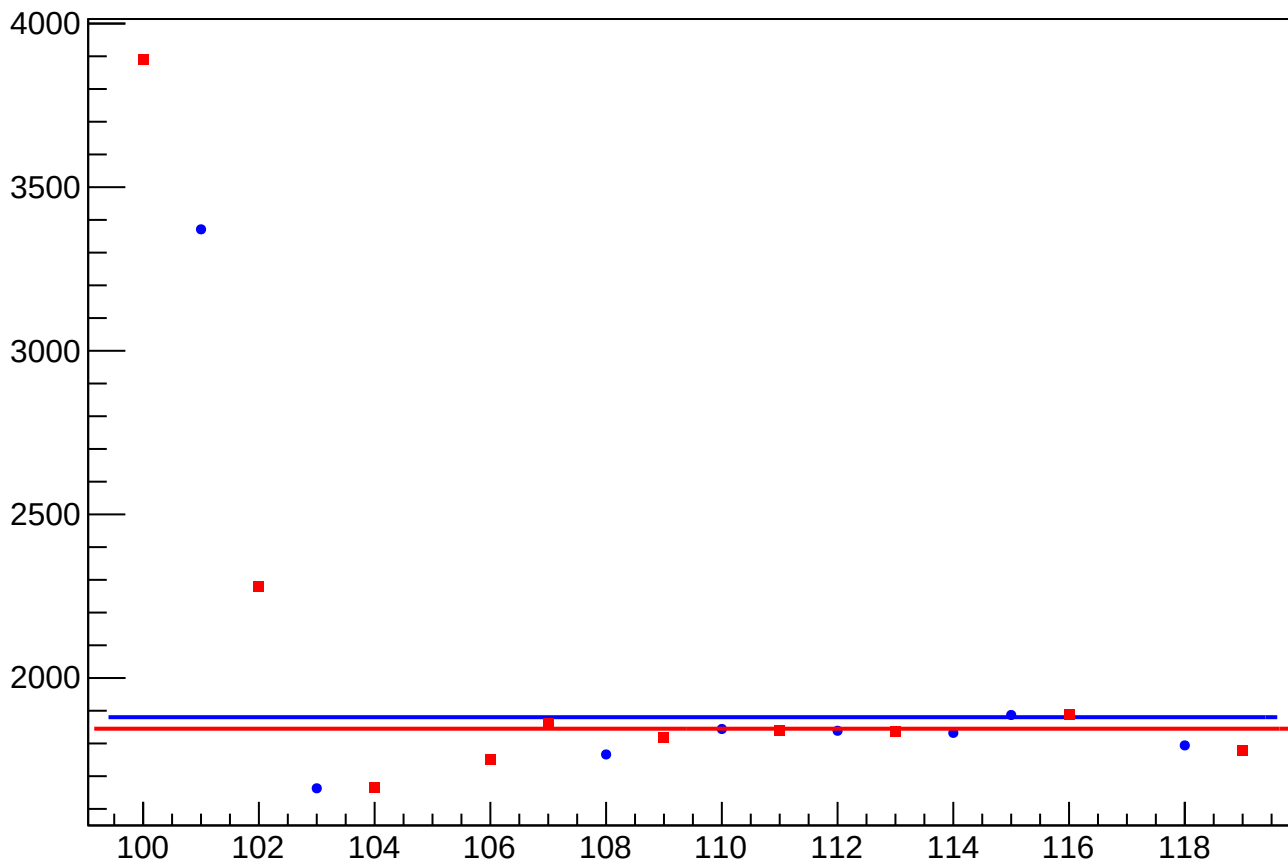
Right: -754.844+/-699.901 χ^2/NDF : 10.1/17

In: -1775.708+/-1056.589 χ^2/NDF : 1.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -754.844+/-699.901 χ^2/NDF : 10.1/17

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1880.253+/-0.747 χ^2/NDF : 283243.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1845.090+/-0.661 χ^2/NDF : 95902.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

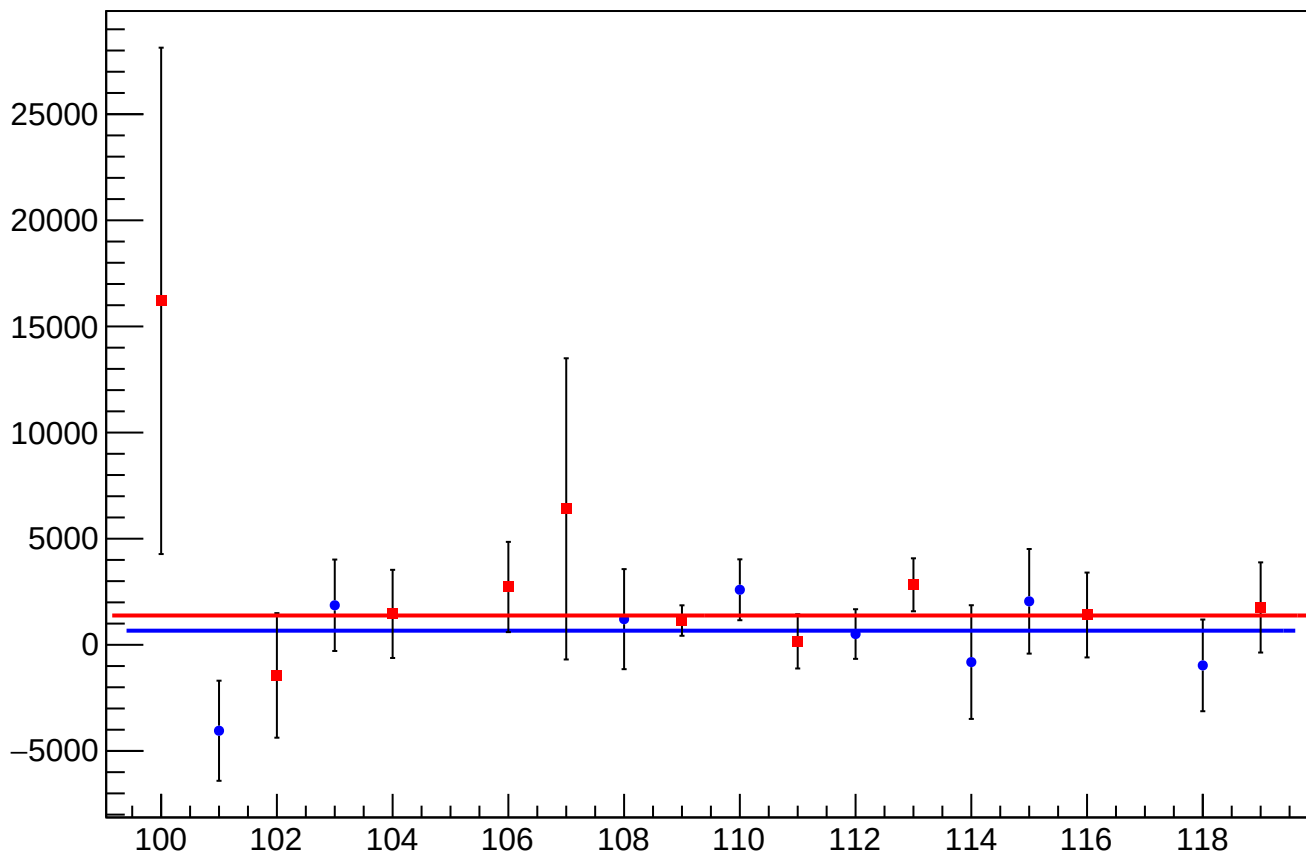
Right: 1860.519+/-0.495 χ^2/NDF : 380389.5/17

In: 1880.253+/-0.747 χ^2/NDF : 283243.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.519+/-0.495 χ^2/NDF : 380389.5/17

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 666.262+/-657.753 χ^2/NDF : 7.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1381.498+/-484.273 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

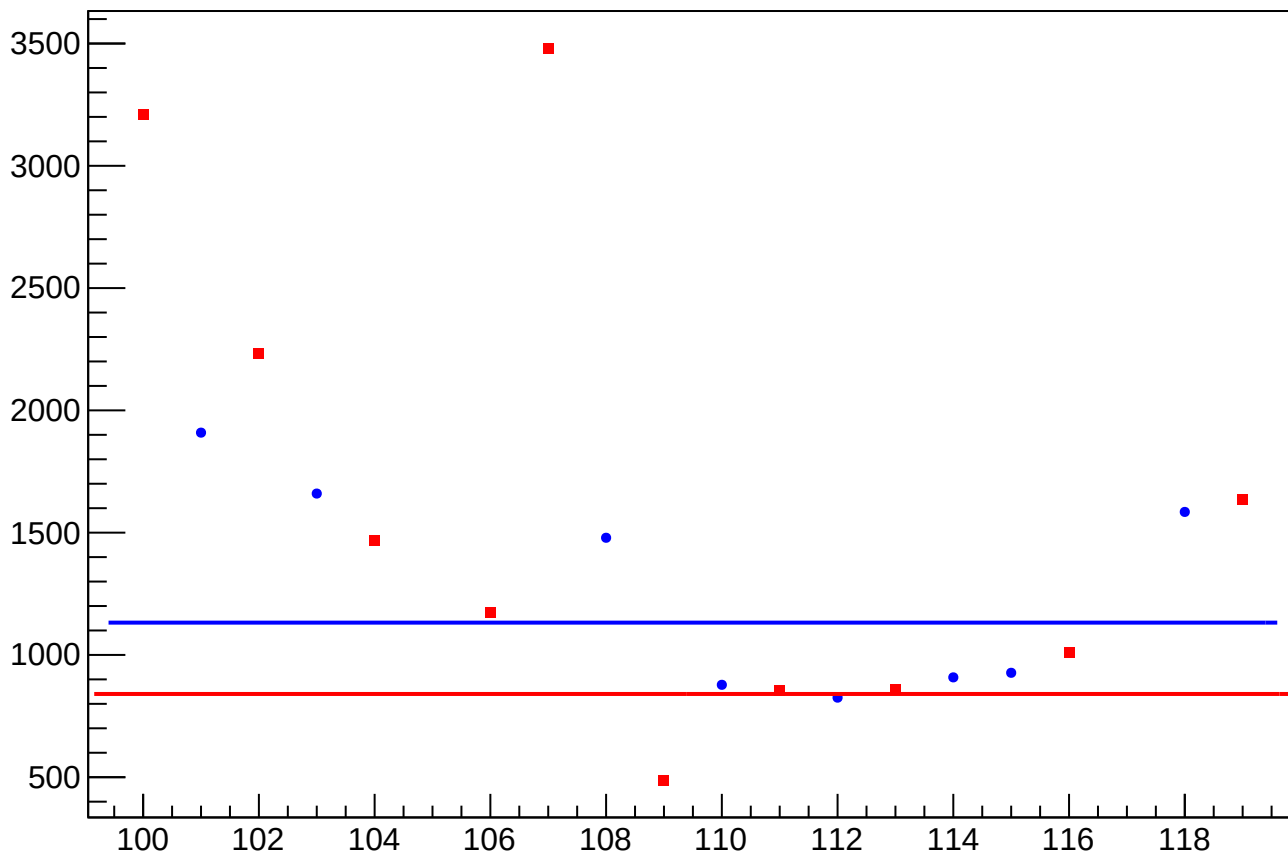
Right: 1130.078+/-389.976 χ^2/NDF : 13.9/17

In: 666.262+/-657.753 χ^2/NDF : 7.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1130.078+/-389.976 χ^2/NDF : 13.9/17

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1132.093+/-0.465 χ^2/NDF : 696672.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.369+/-0.342 χ^2/NDF : 1820288.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

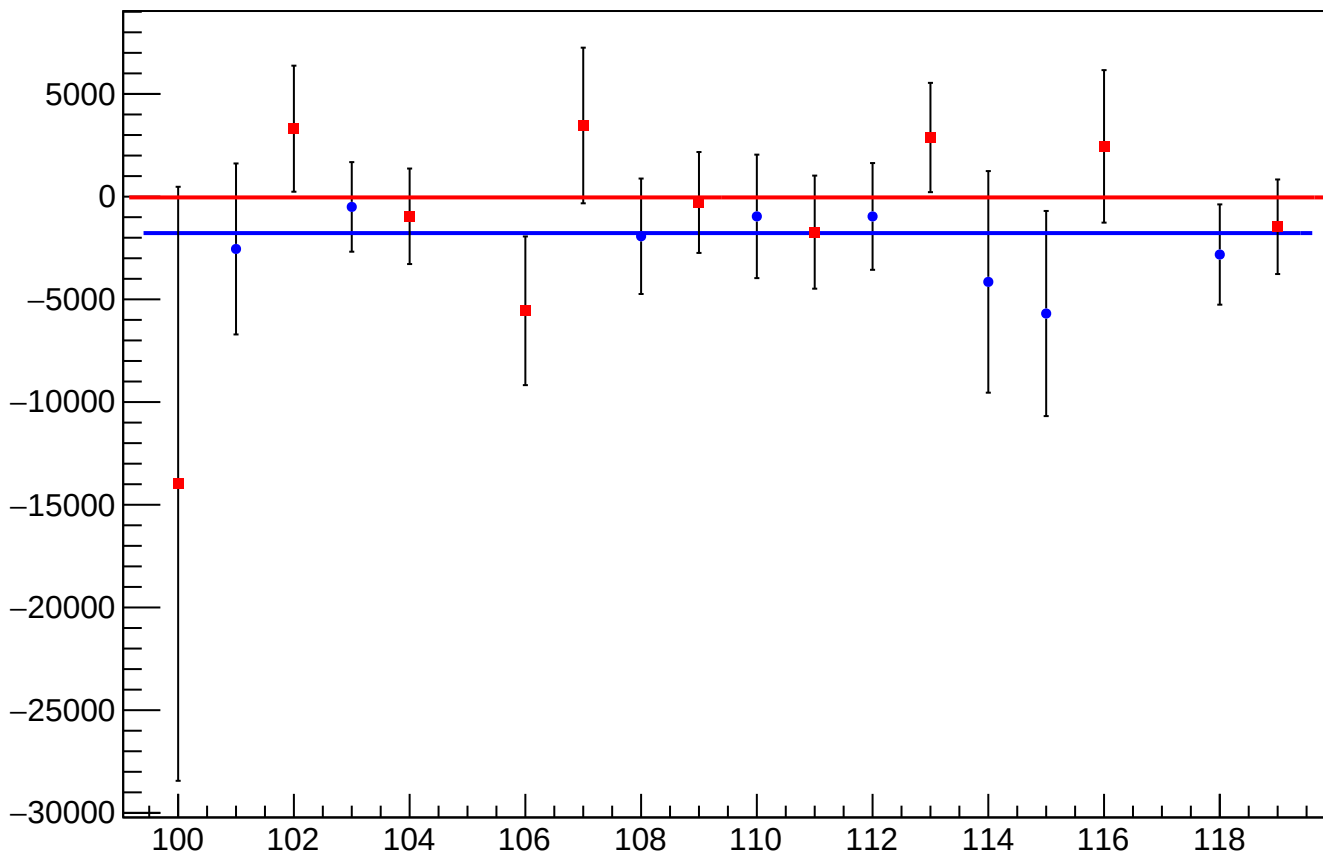
Right: 942.916+/-0.276 χ^2/NDF : 2772081.0/17

In: 1132.093+/-0.465 χ^2/NDF : 696672.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.916+/-0.276 χ^2/NDF : 2772081.0/17

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1774.227 $\pm$ 1056.590 χ^2/NDF : 1.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -37.574 $\pm$ 935.605 χ^2/NDF : 7.9/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

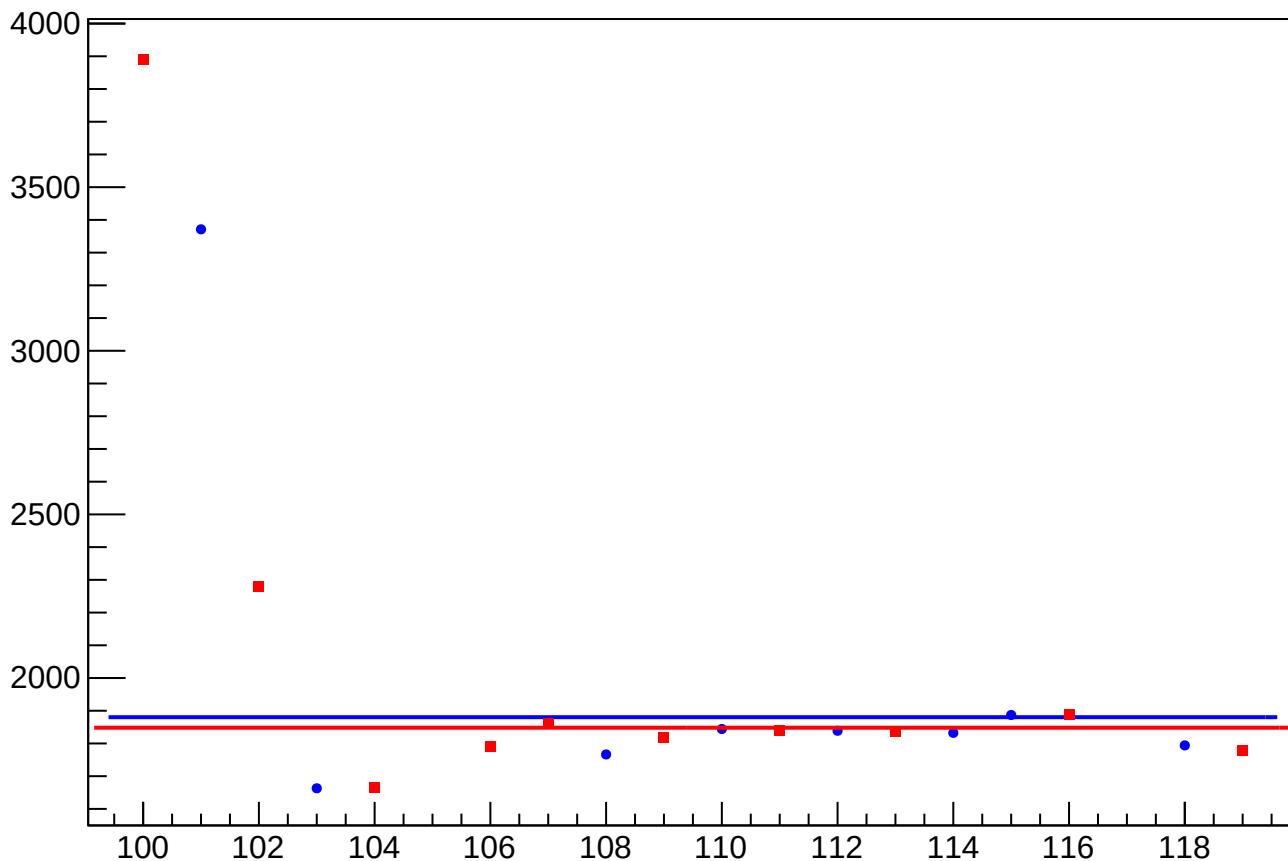
Right: -800.822 $\pm$ 700.459 χ^2/NDF : 10.9/17

In: -1774.227 $\pm$ 1056.590 χ^2/NDF : 1.5/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -800.822 $\pm$ 700.459 χ^2/NDF : 10.9/17

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1880.253+/-0.747 χ^2/NDF : 283245.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.091+/-0.662 χ^2/NDF : 94899.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

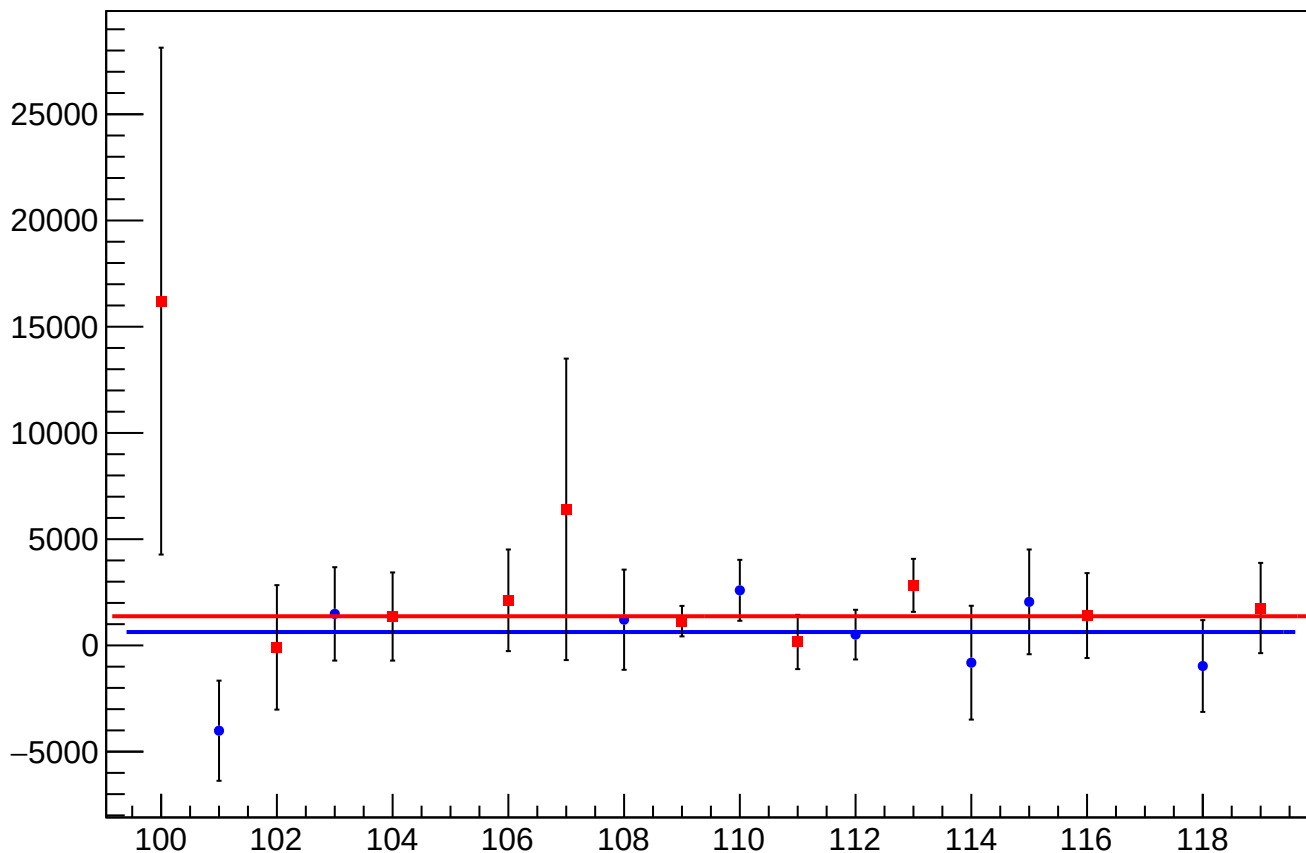
Right: 1862.226+/-0.495 χ^2/NDF : 379184.2/17

In: 1880.253+/-0.747 χ^2/NDF : 283245.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.226+/-0.495 χ^2/NDF : 379184.2/17

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 629.905+/-658.968 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.907+/-486.875 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

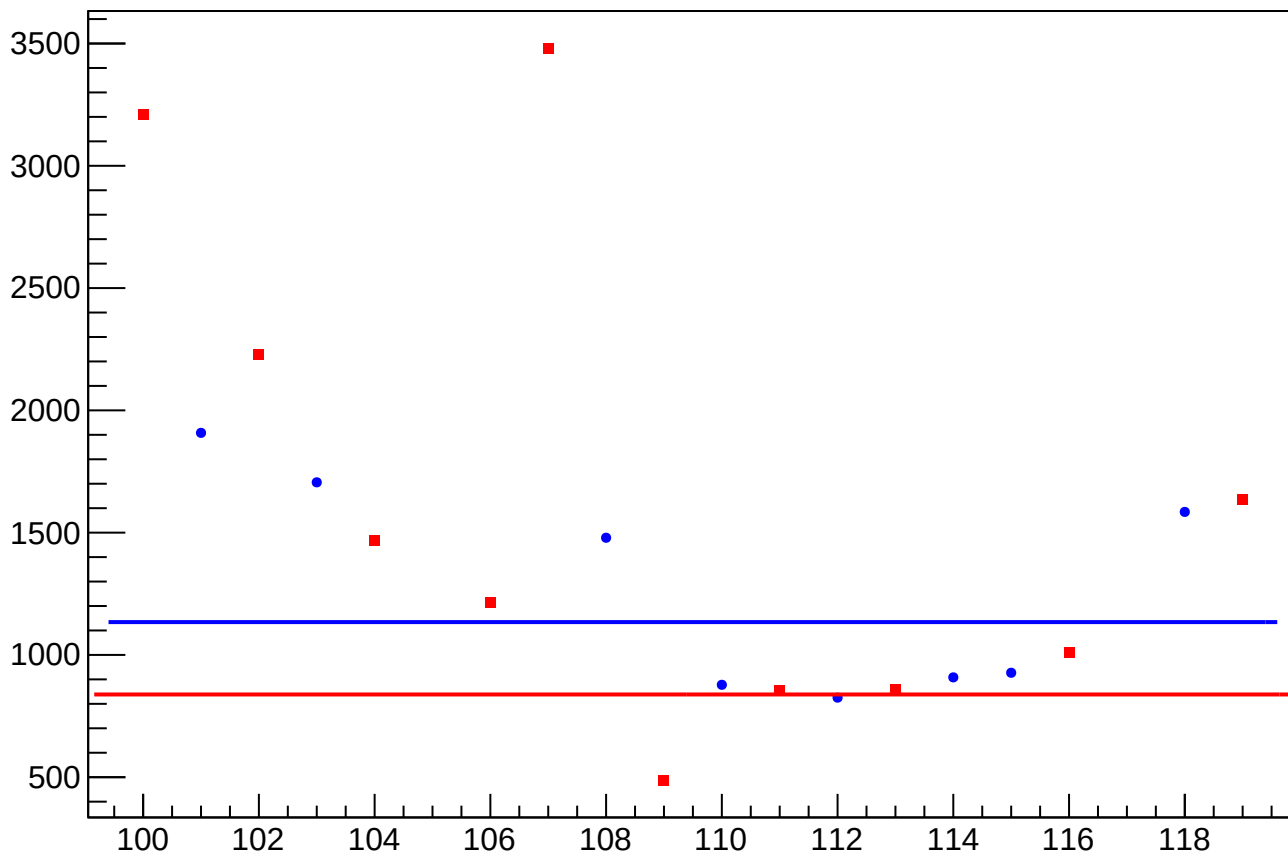
Right: 1110.536+/-391.587 χ^2/NDF : 12.8/17

In: 629.905+/-658.968 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.536+/-391.587 χ^2/NDF : 12.8/17

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1134.225+/-0.466 χ^2/NDF : 712436.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 838.297+/-0.344 χ^2/NDF : 1818162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

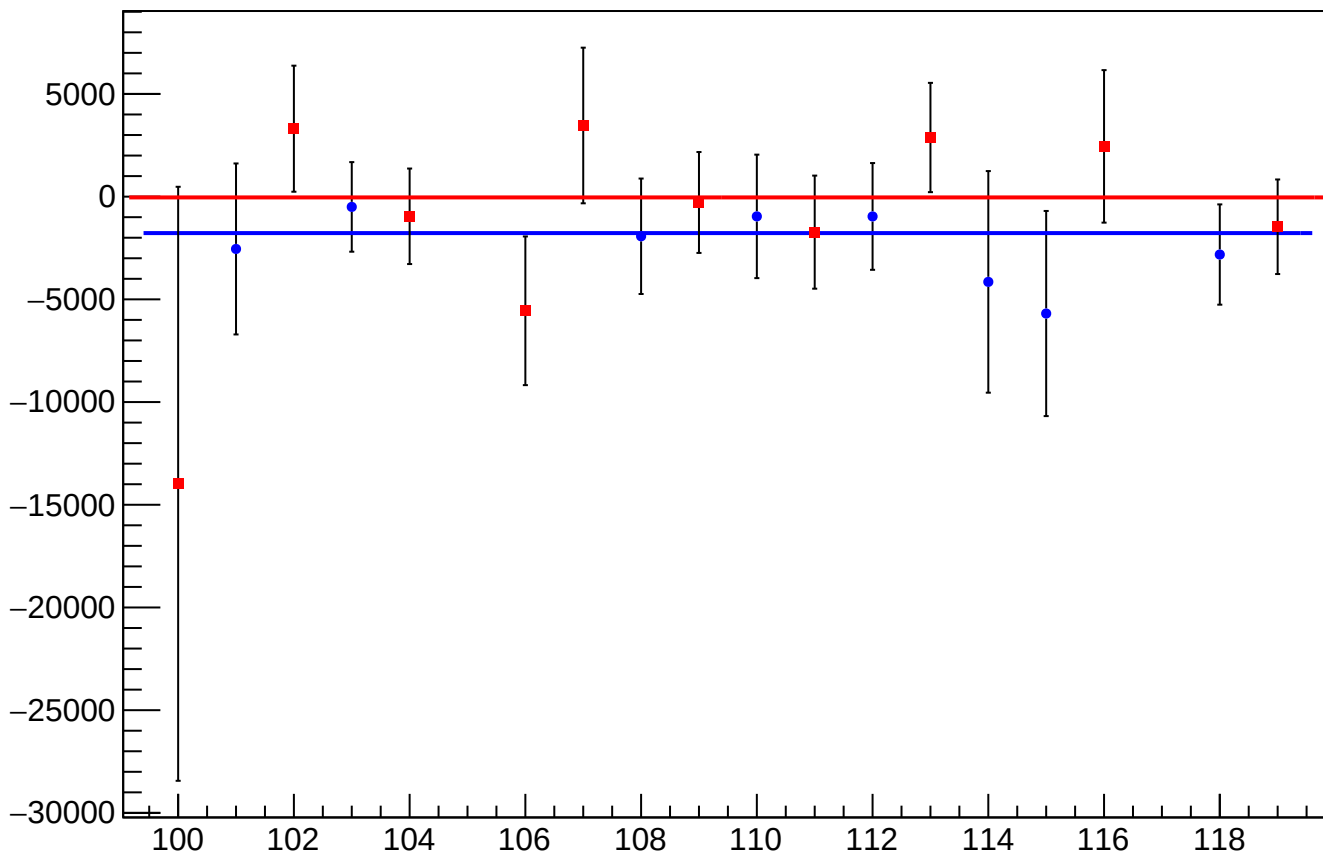
Right: 942.797+/-0.277 χ^2/NDF : 2791511.1/17

In: 1134.225+/-0.466 χ^2/NDF : 712436.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.797+/-0.277 χ^2/NDF : 2791511.1/17

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1774.227+/-1056.590 χ^2/NDF : 1.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.574+/-935.605 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

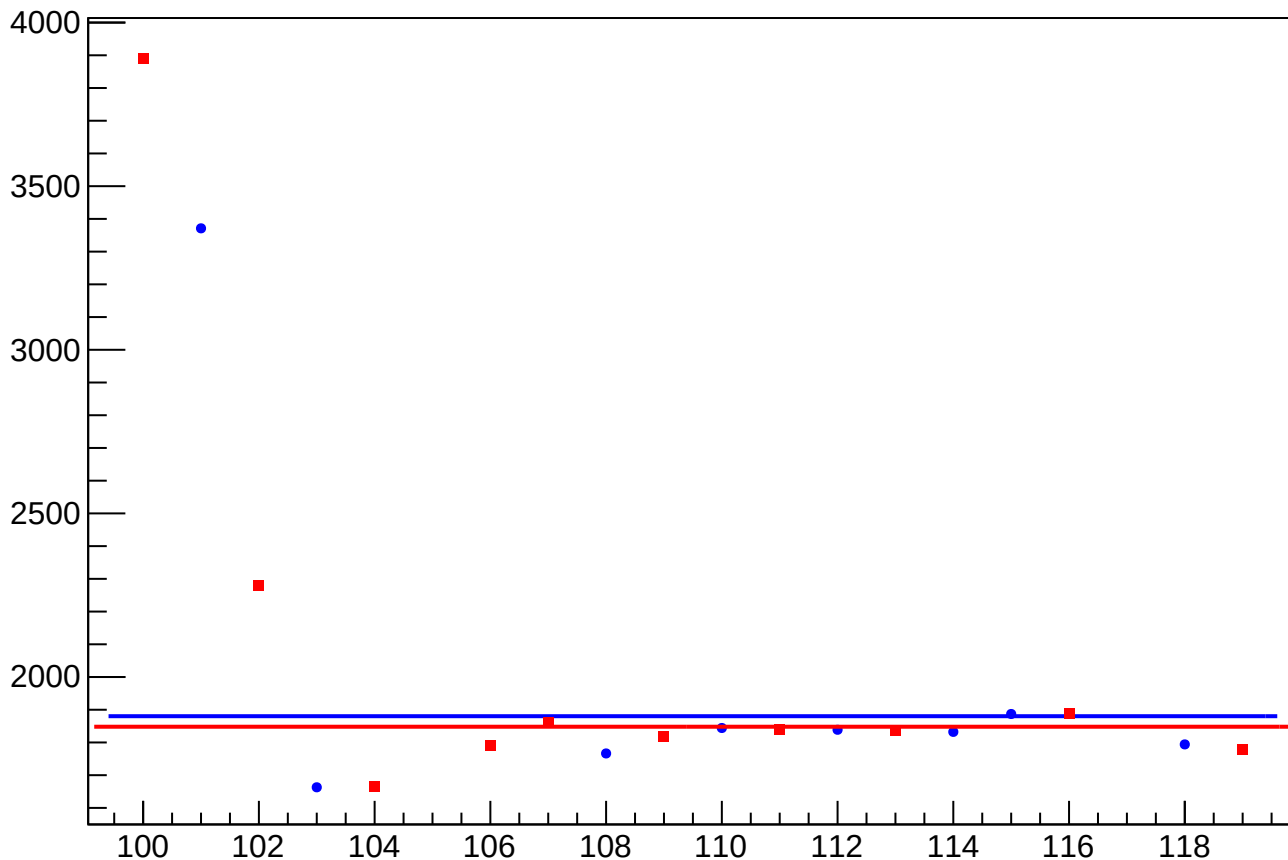
Right: -800.822+/-700.459 χ^2/NDF : 10.9/17

In: -1774.227+/-1056.590 χ^2/NDF : 1.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -800.822+/-700.459 χ^2/NDF : 10.9/17

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1880.253+/-0.747 χ^2/NDF : 283245.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1848.091+/-0.662 χ^2/NDF : 94899.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

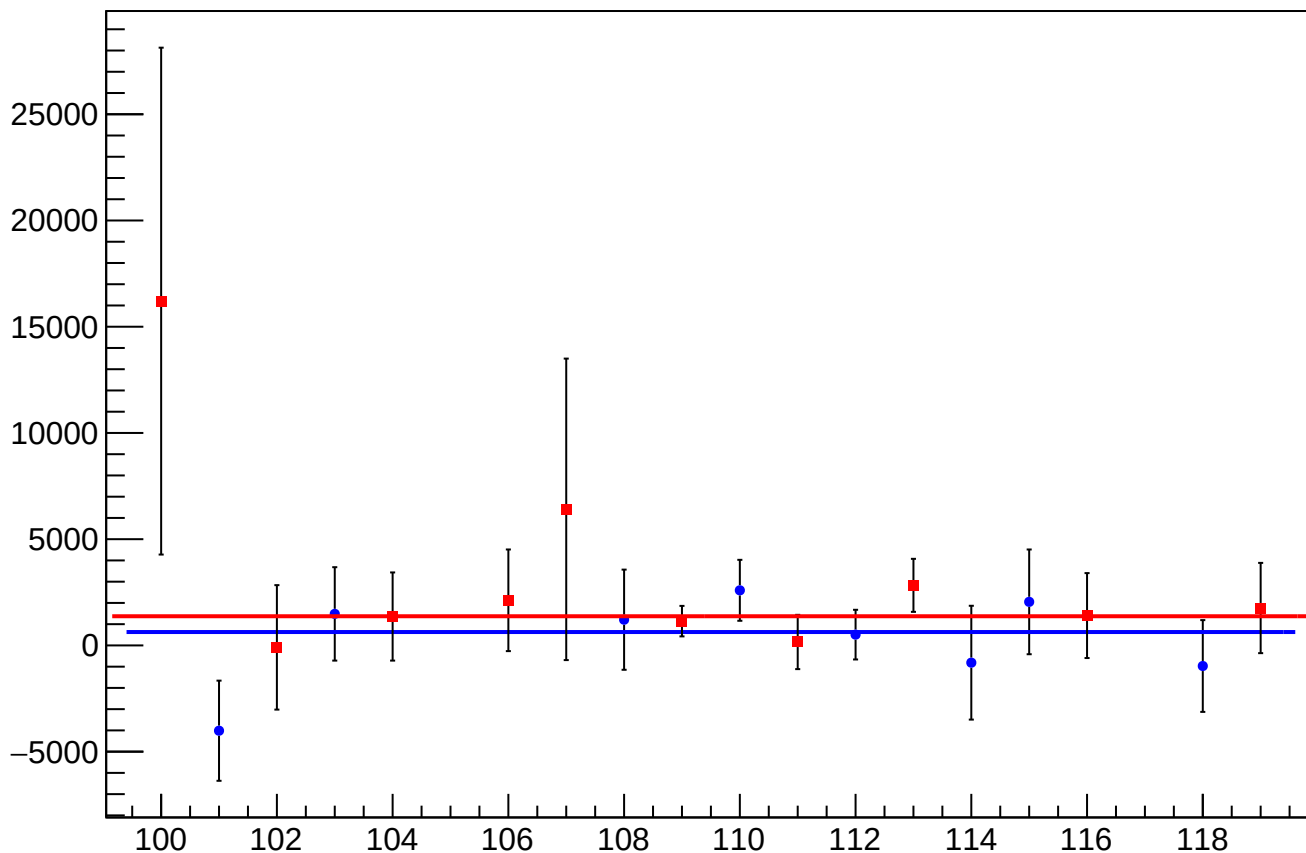
Right: 1862.226+/-0.495 χ^2/NDF : 379184.2/17

In: 1880.253+/-0.747 χ^2/NDF : 283245.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.226+/-0.495 χ^2/NDF : 379184.2/17

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 629.905+/-658.968 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1372.907+/-486.875 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

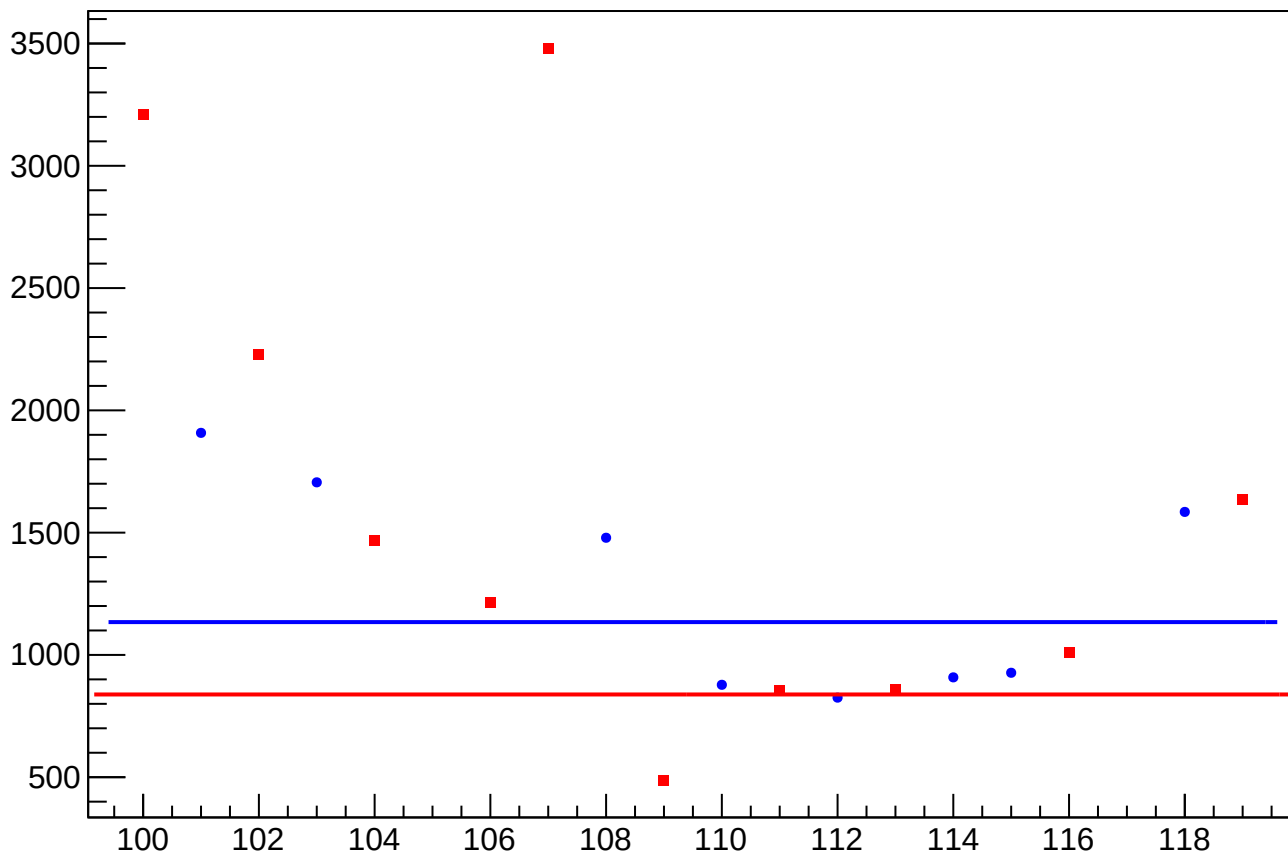
Right: 1110.536+/-391.587 χ^2/NDF : 12.8/17

In: 629.905+/-658.968 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1110.536+/-391.587 χ^2/NDF : 12.8/17

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1134.225+/-0.466 χ^2/NDF : 712436.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 838.297+/-0.344 χ^2/NDF : 1818162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

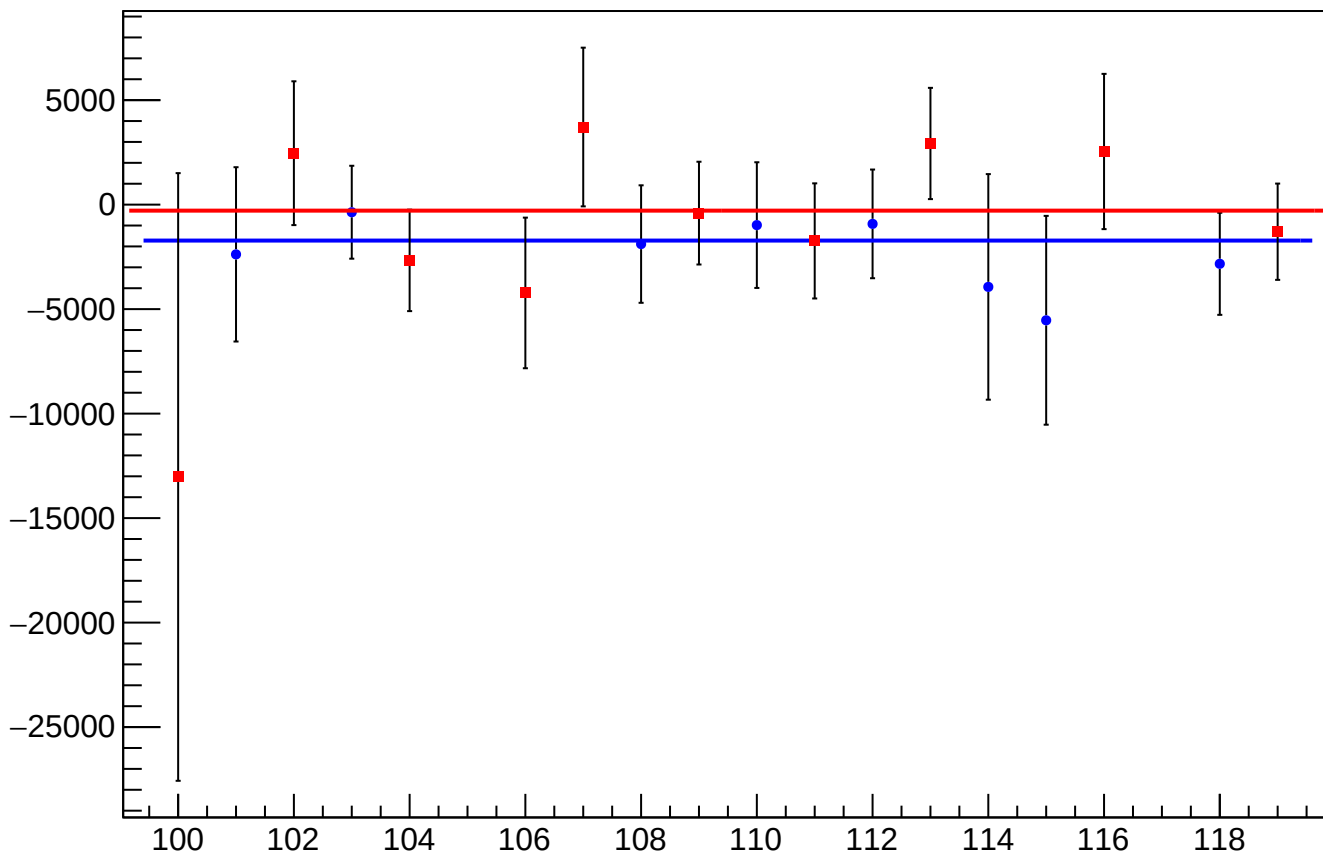
Right: 942.797+/-0.277 χ^2/NDF : 2791511.1/17

In: 1134.225+/-0.466 χ^2/NDF : 712436.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.797+/-0.277 χ^2/NDF : 2791511.1/17

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1719.732 ± 1061.867 $\chi^2/\text{NDF}: 1.5/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -287.242 ± 951.492 $\chi^2/\text{NDF}: 7.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

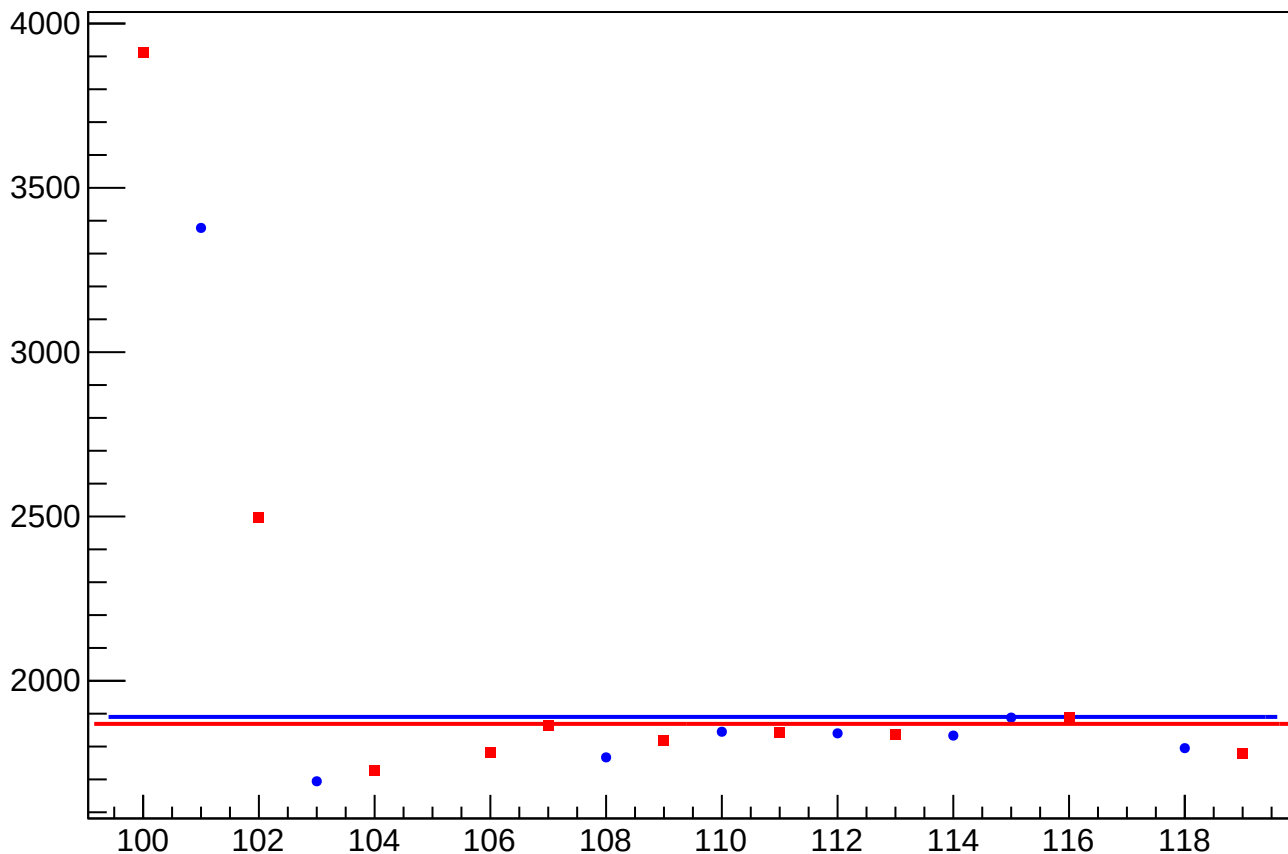
Right: -925.191 ± 708.626 $\chi^2/\text{NDF}: 9.7/17$

In: -1719.732 ± 1061.867 $\chi^2/\text{NDF}: 1.5/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -925.191 ± 708.626 $\chi^2/\text{NDF}: 9.7/17$

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1890.153 ± 0.751 χ^2/NDF : 278384.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1868.953 ± 0.673 χ^2/NDF : 118570.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

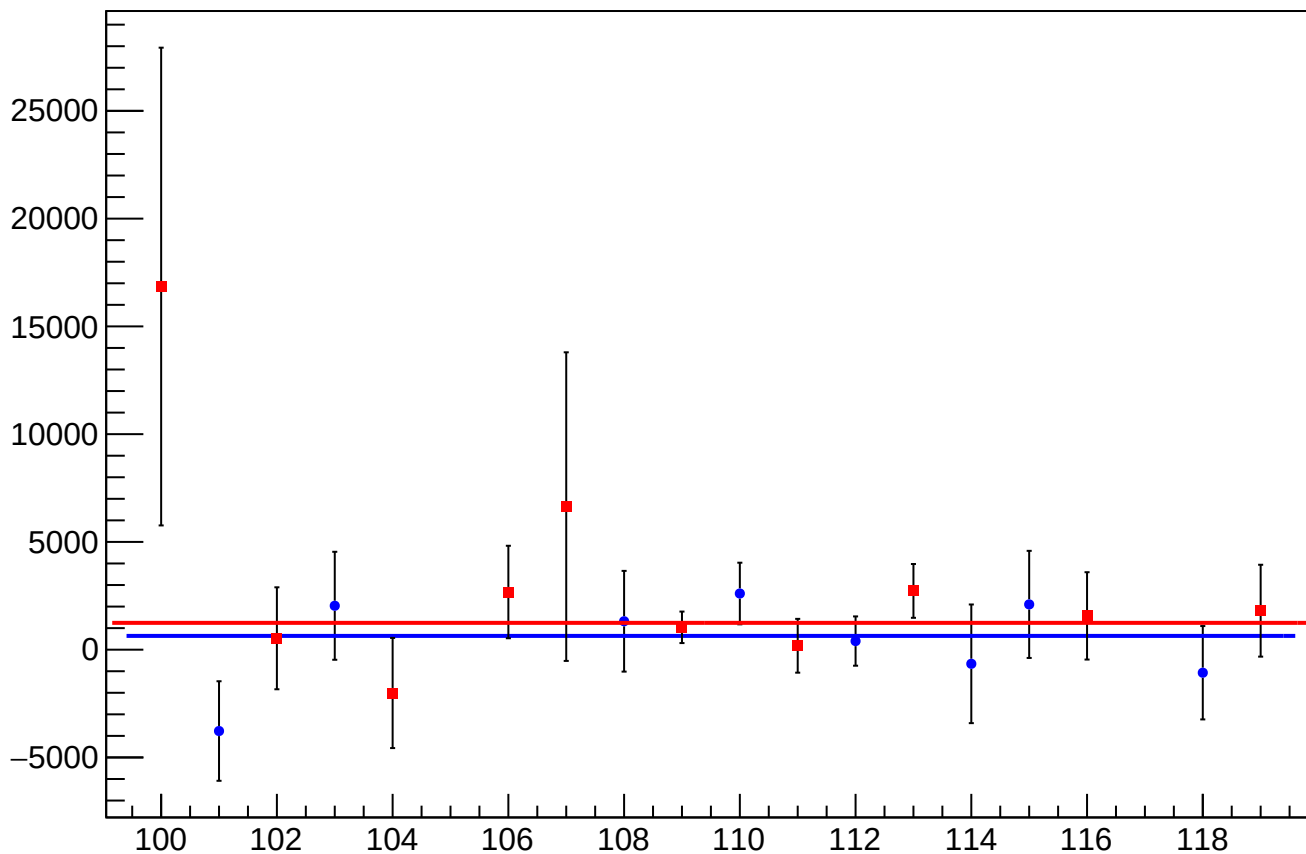
Right: 1878.394 ± 0.501 χ^2/NDF : 397396.9/17

In: 1890.153 ± 0.751 χ^2/NDF : 278384.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1878.394 ± 0.501 χ^2/NDF : 397396.9/17

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 639.368+/-660.688 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.682+/-488.052 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

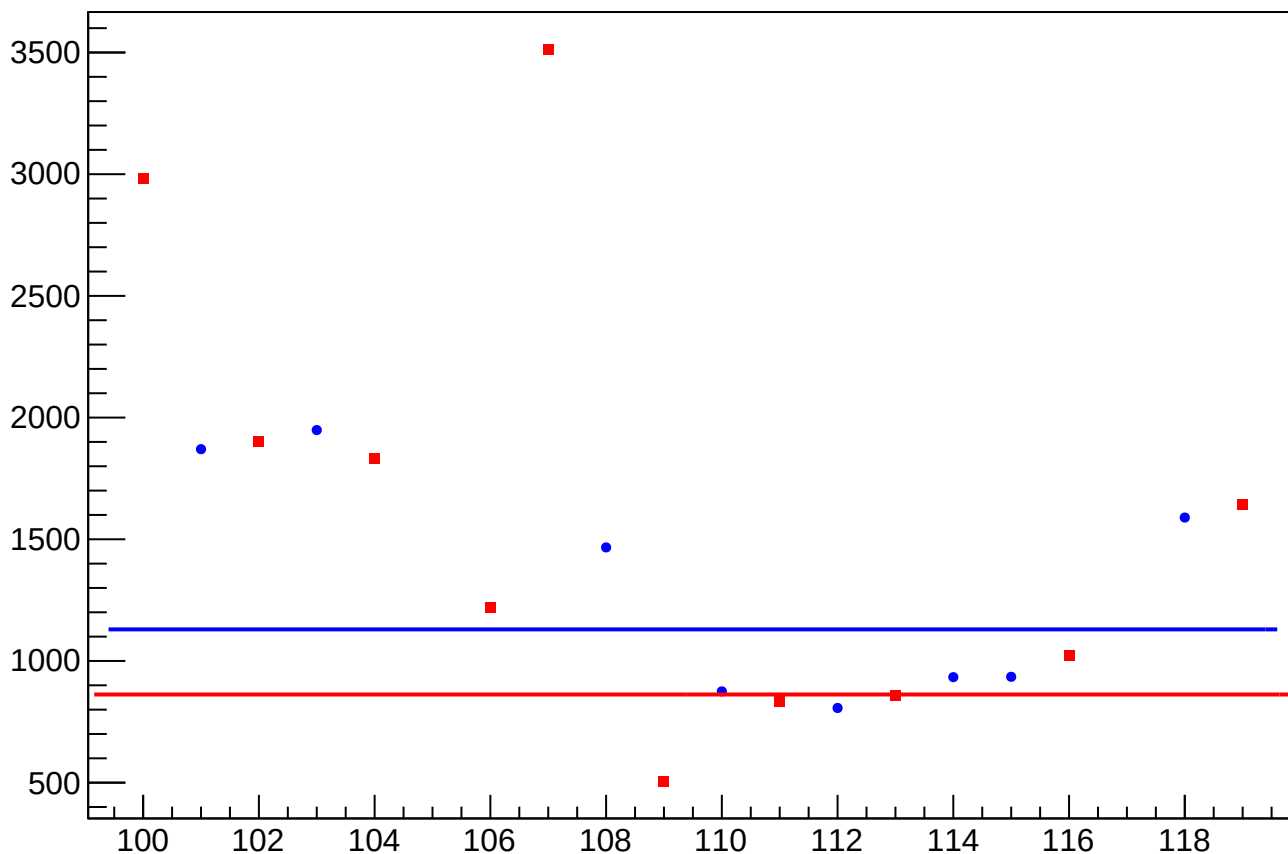
Right: 1030.984+/-392.560 χ^2/NDF : 14.7/17

In: 639.368+/-660.688 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.984+/-392.560 χ^2/NDF : 14.7/17

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1129.771+/-0.467 χ^2/NDF : 796254.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.307+/-0.345 χ^2/NDF : 1841599.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

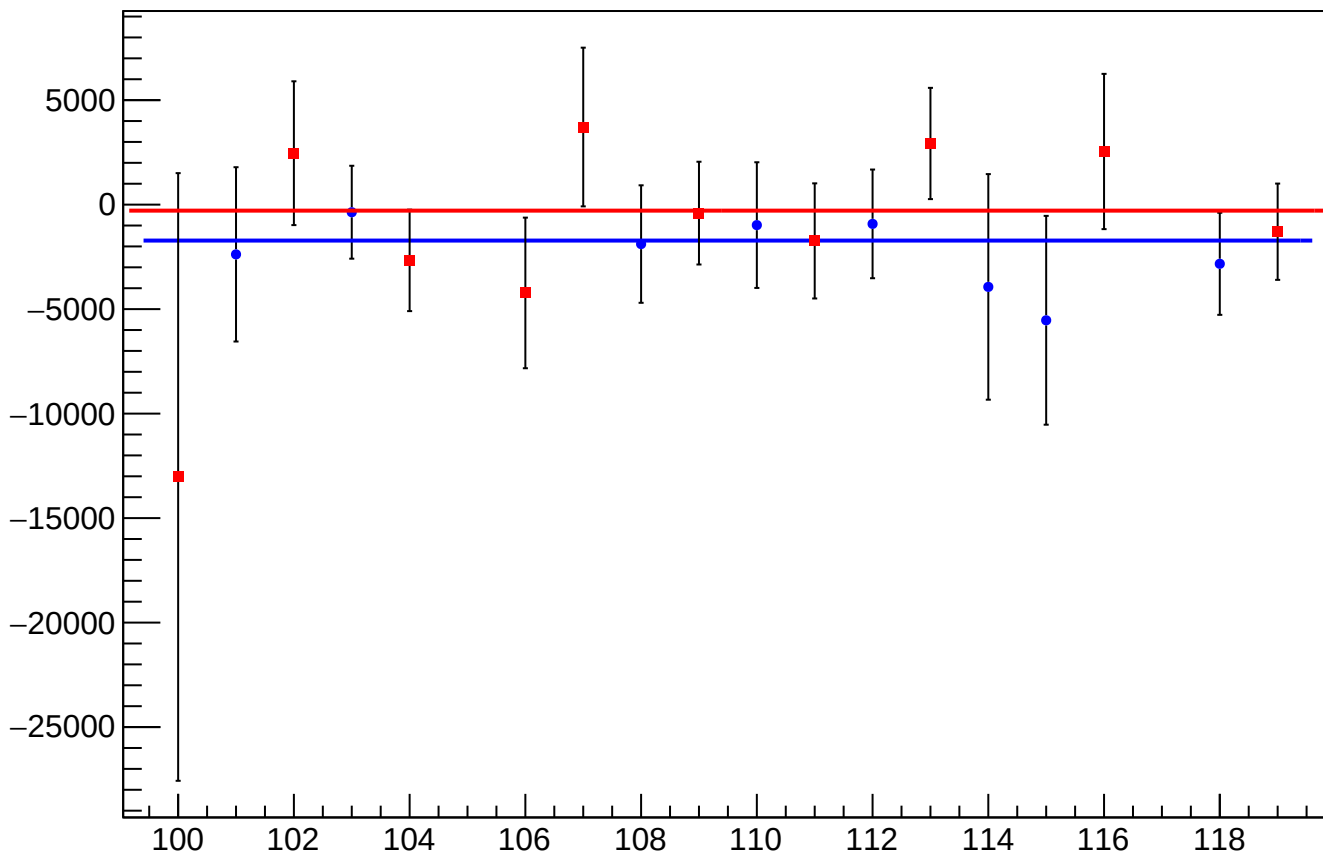
Right: 956.732+/-0.278 χ^2/NDF : 2849908.2/17

In: 1129.771+/-0.467 χ^2/NDF : 796254.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.732+/-0.278 χ^2/NDF : 2849908.2/17

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1719.731+/-1061.867 χ^2/NDF : 1.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -287.246+/-951.492 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

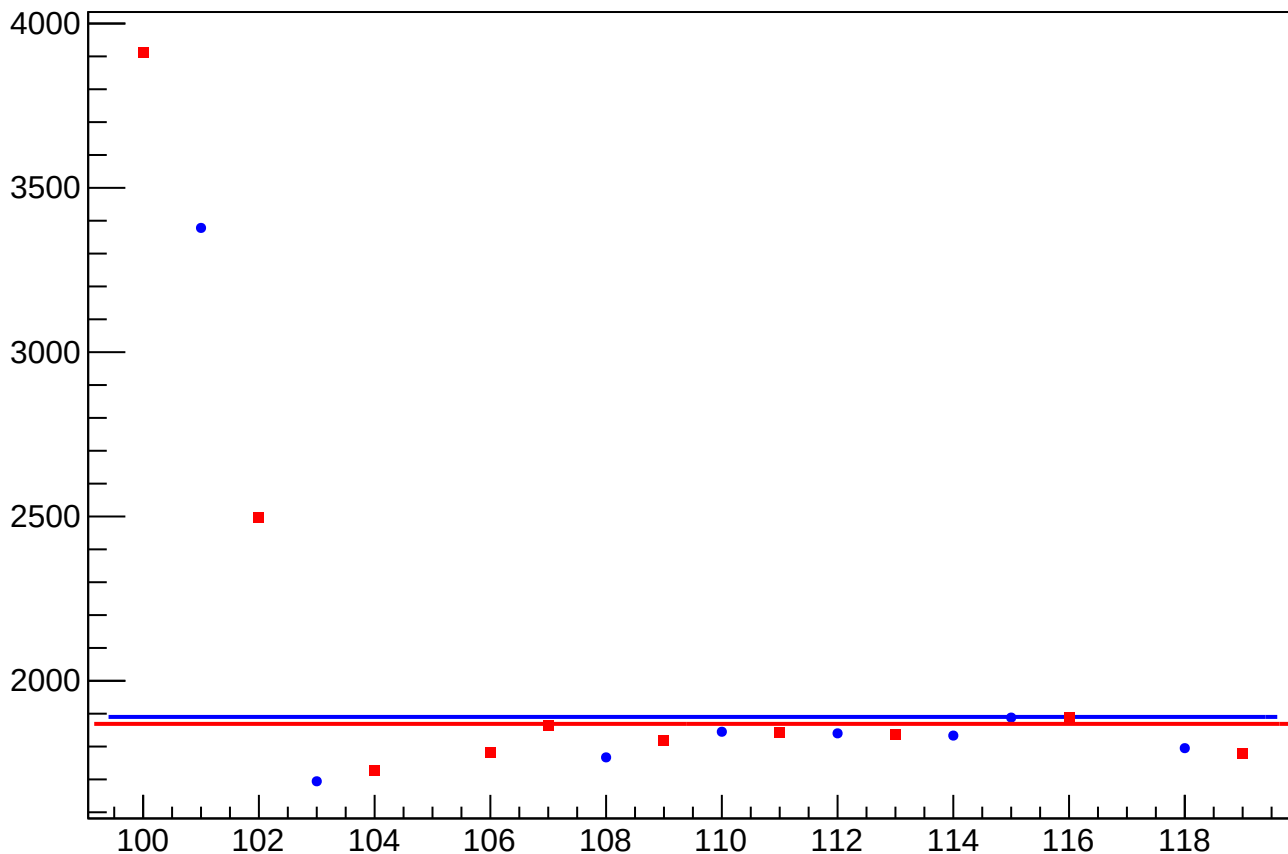
Right: -925.193+/-708.627 χ^2/NDF : 9.7/17

In: -1719.731+/-1061.867 χ^2/NDF : 1.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -925.193+/-708.627 χ^2/NDF : 9.7/17

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1890.153+/-0.751 χ^2/NDF : 278384.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.953+/-0.673 χ^2/NDF : 118570.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

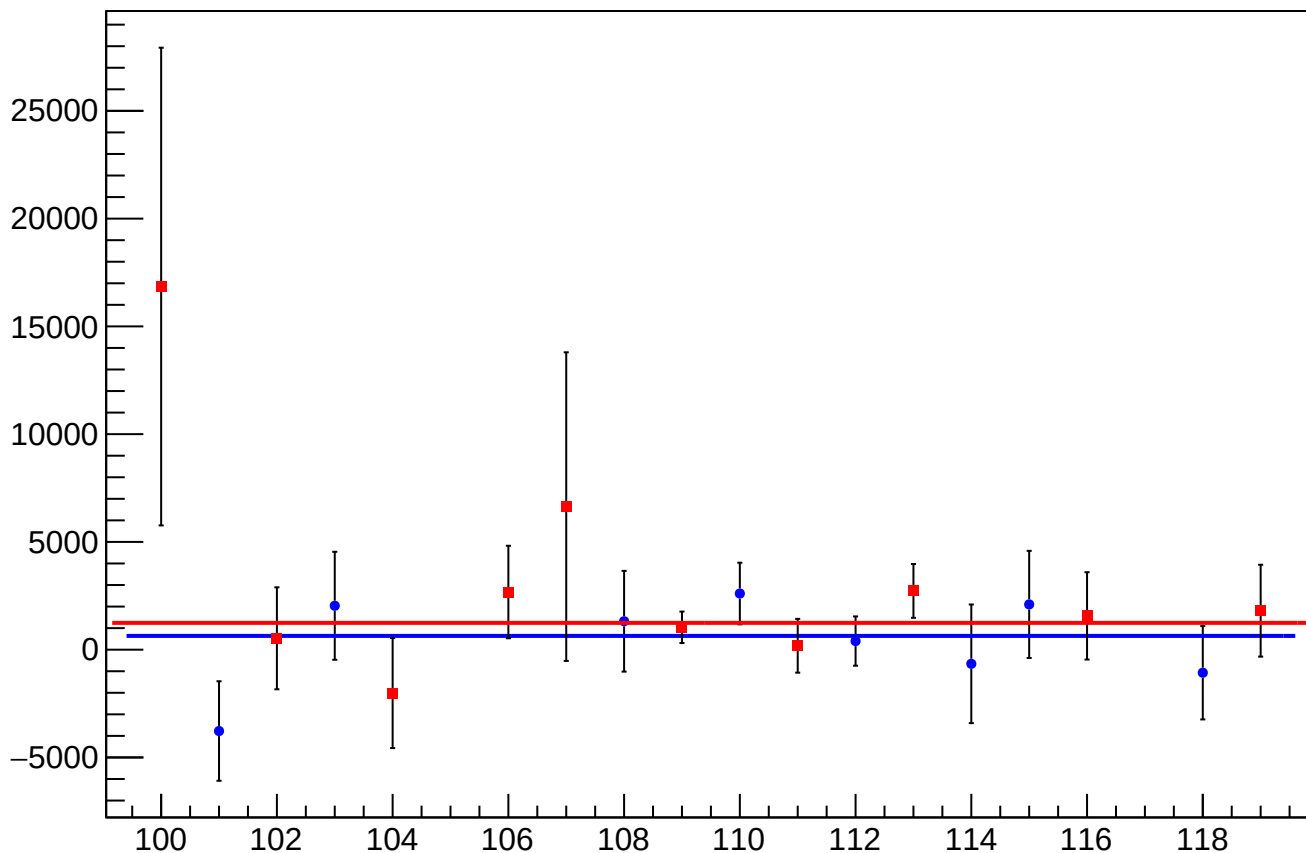
Right: 1878.394+/-0.501 χ^2/NDF : 397396.9/17

In: 1890.153+/-0.751 χ^2/NDF : 278384.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.394+/-0.501 χ^2/NDF : 397396.9/17

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 639.367+/-660.685 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1244.680+/-488.051 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

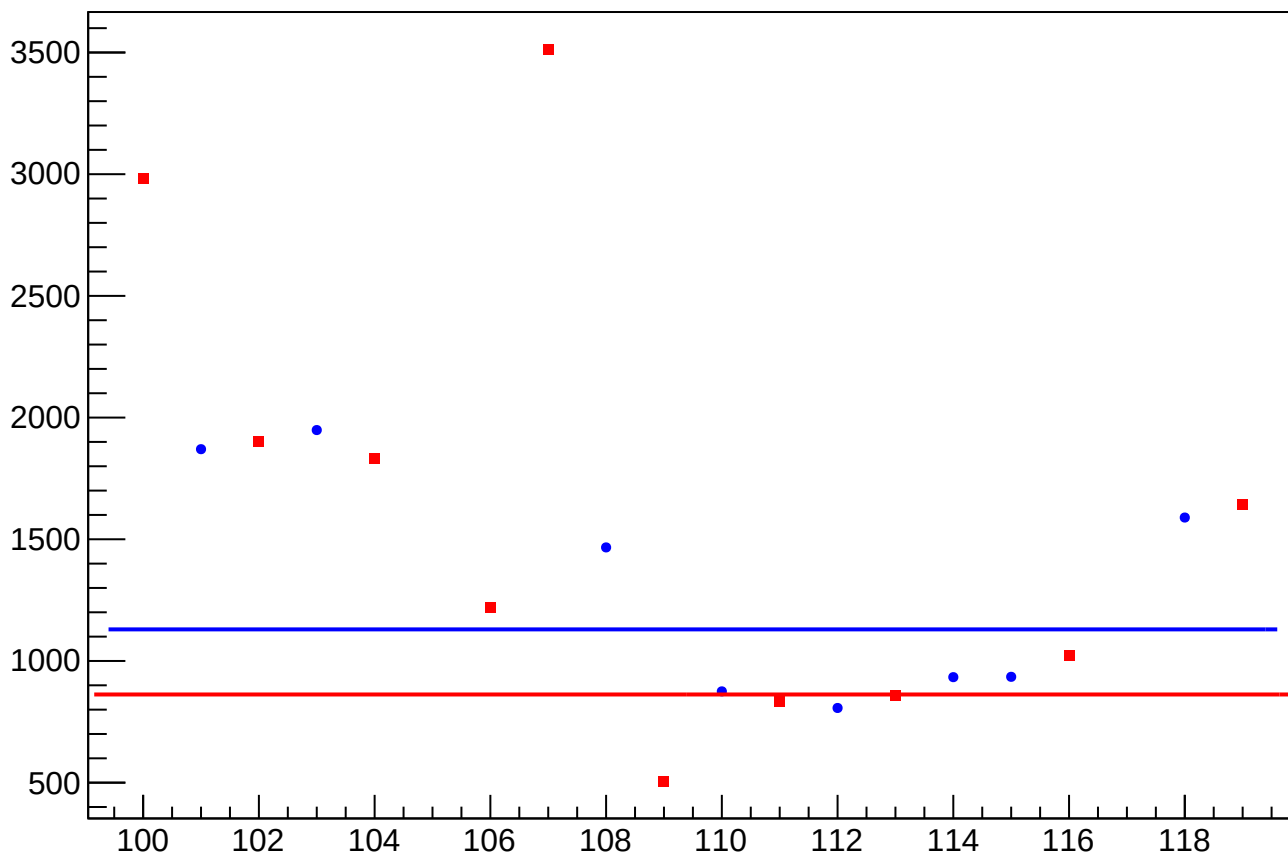
Right: 1030.981+/-392.559 χ^2/NDF : 14.7/17

In: 639.367+/-660.685 χ^2/NDF :7.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1030.981+/-392.559 χ^2/NDF : 14.7/17

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1129.764+/-0.467 χ^2/NDF : 796265.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.306+/-0.345 χ^2/NDF : 1841594.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

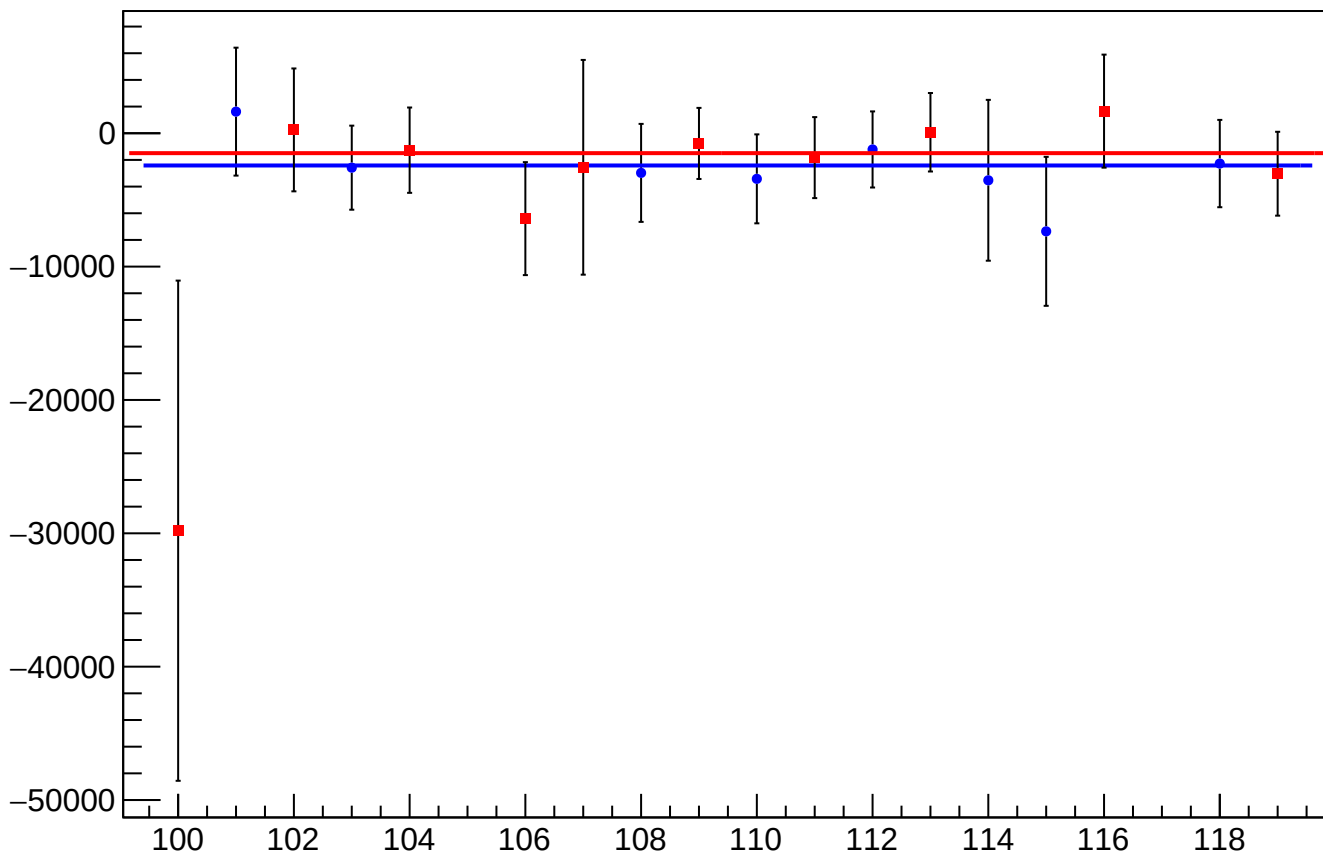
Right: 956.729+/-0.278 χ^2/NDF : 2849905.3/17

In: 1129.764+/-0.467 χ^2/NDF : 796265.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 956.729+/-0.278 χ^2/NDF : 2849905.3/17

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -2417.396+/-1308.804 χ^2/NDF : 1.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1492.422+/-1162.195 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

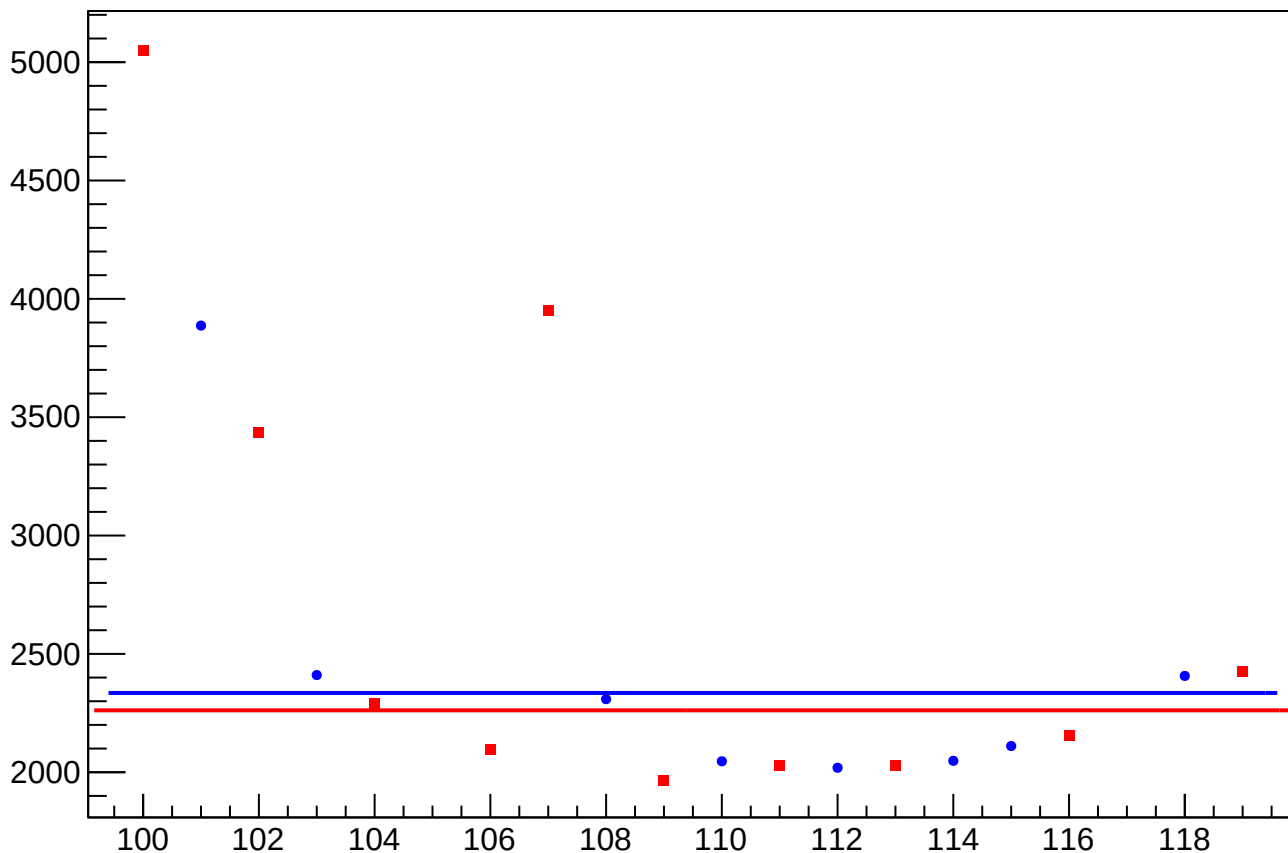
Right: -1900.220+/-869.026 χ^2/NDF : 7.1/17

In: -2417.396+/-1308.804 χ^2/NDF : 1.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1900.220+/-869.026 χ^2/NDF : 7.1/17

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2334.974+/-0.925 χ^2/NDF : 258880.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2261.536+/-0.822 χ^2/NDF : 320802.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

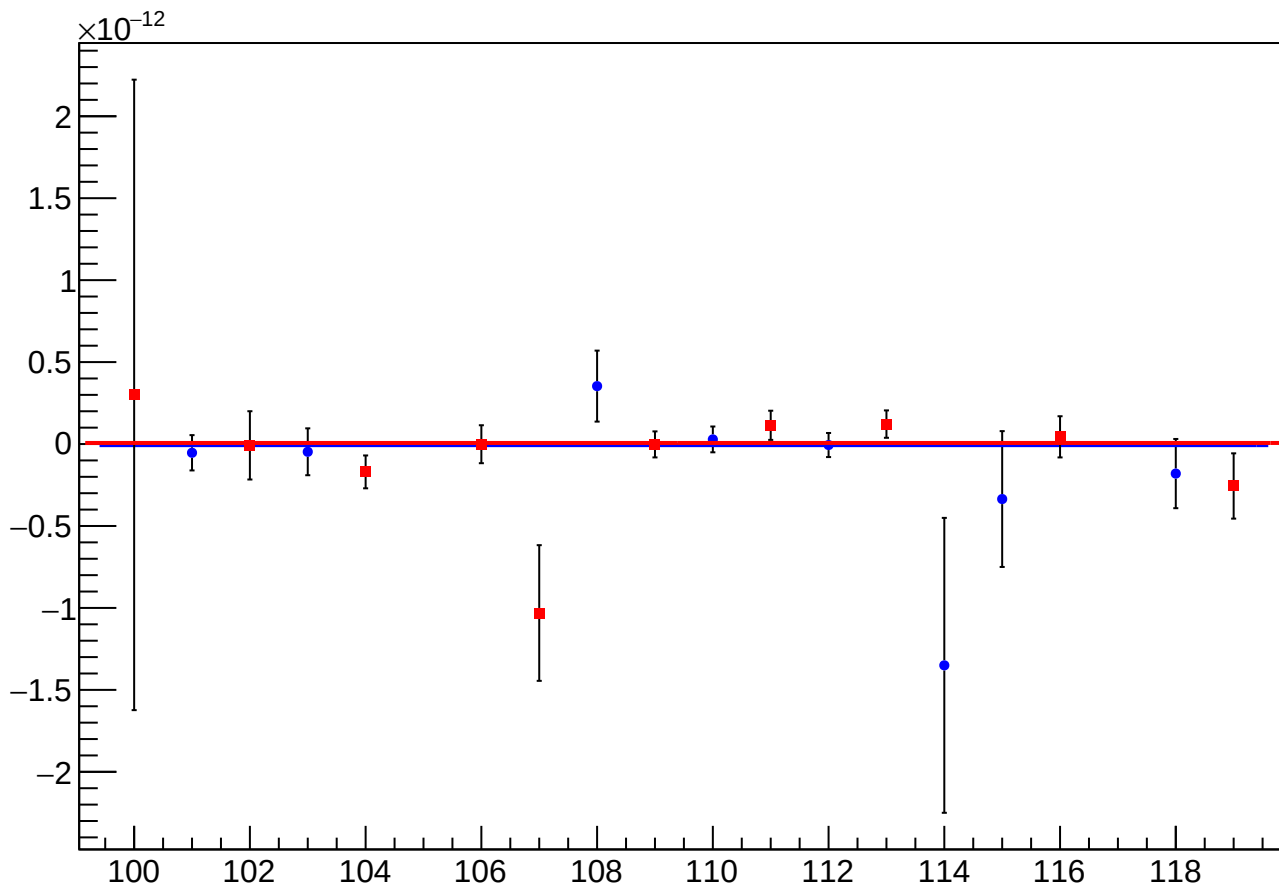
Right: 2293.913+/-0.614 χ^2/NDF : 583203.7/17

In: 2334.974+/-0.925 χ^2/NDF : 258880.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2293.913+/-0.614 χ^2/NDF : 583203.7/17

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

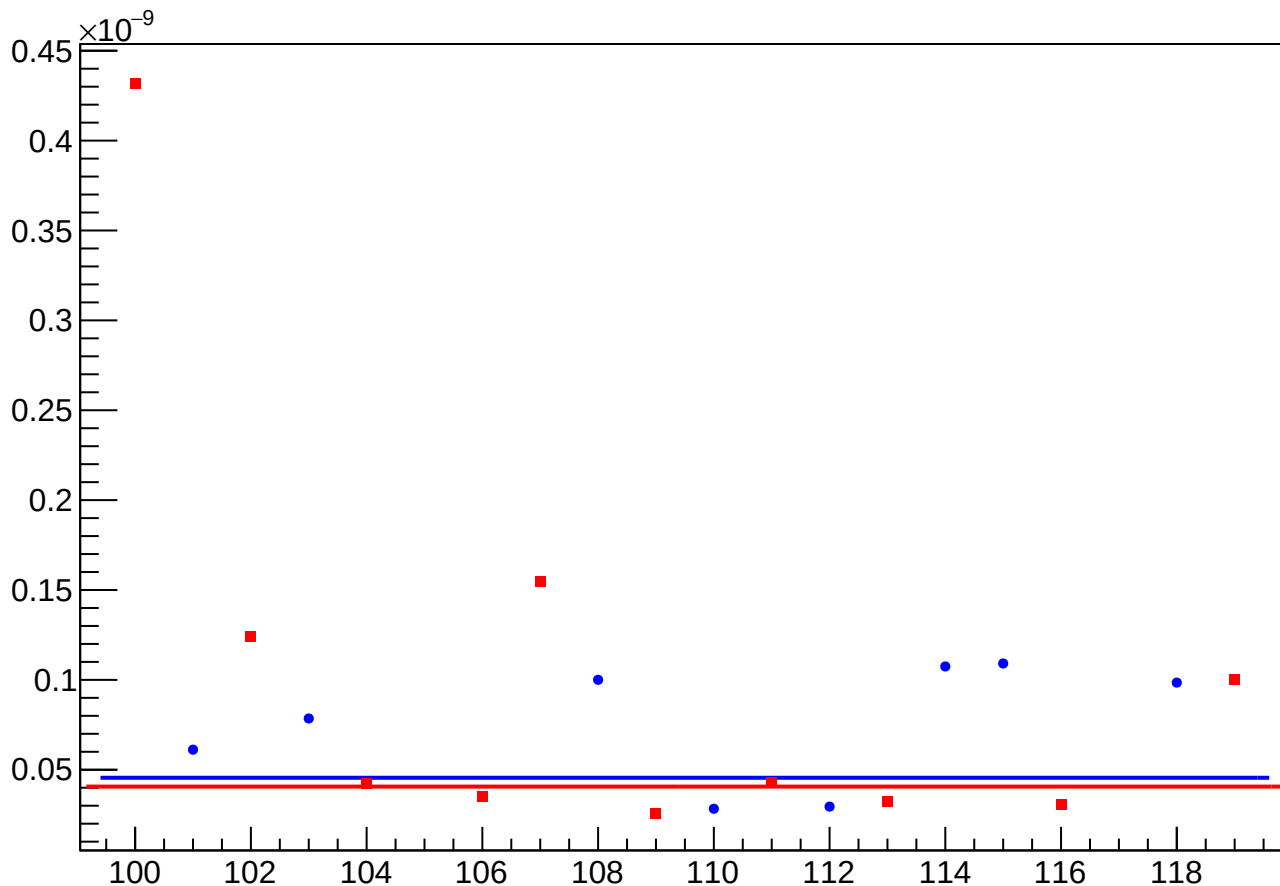
Right: 0.000+/-0.000 χ^2/NDF : 21.4/17

In: -0.000+/-0.000 χ^2/NDF :6.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.4/17

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 648407.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 843926.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

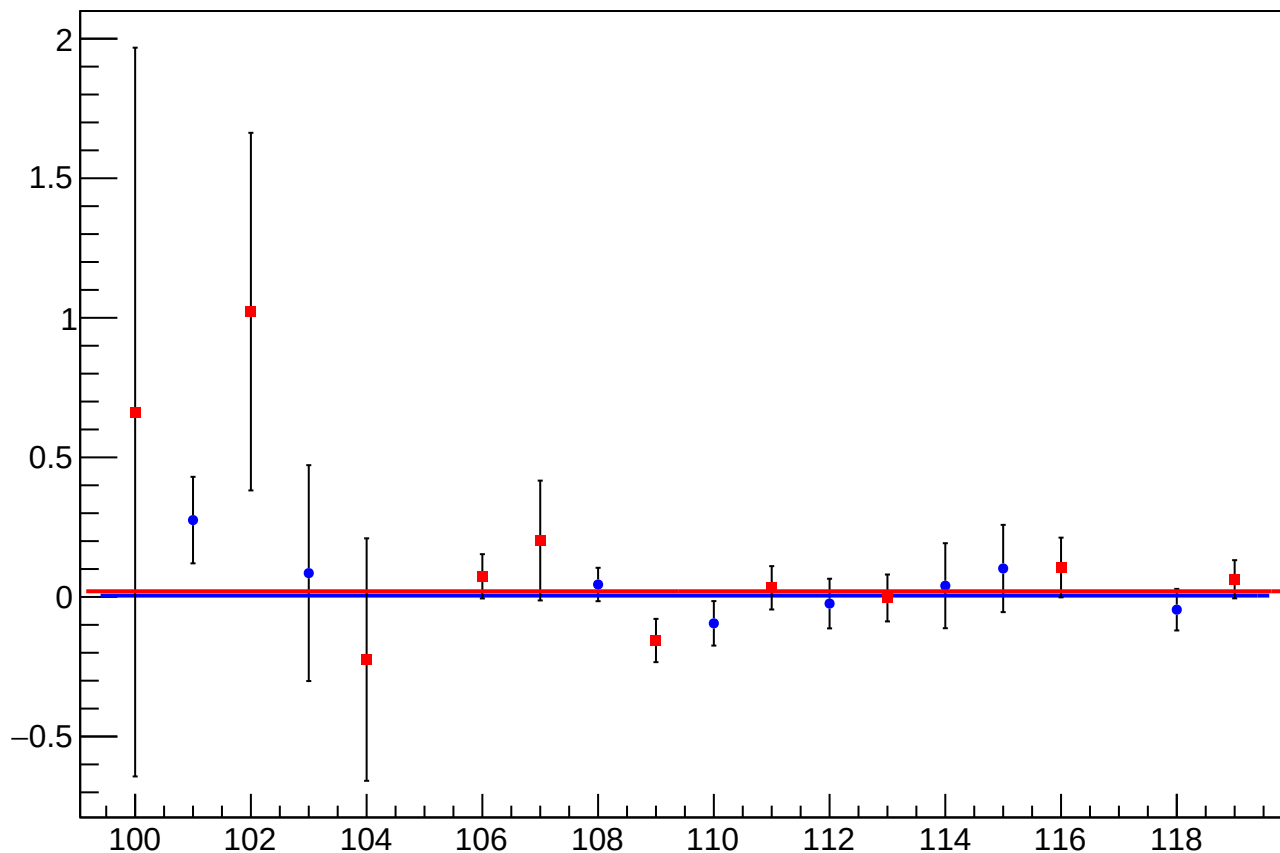
Right: 0.000+/-0.000 χ^2/NDF : 1507071.9/17

In: 0.000+/-0.000 χ^2/NDF : 648407.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1507071.9/17

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

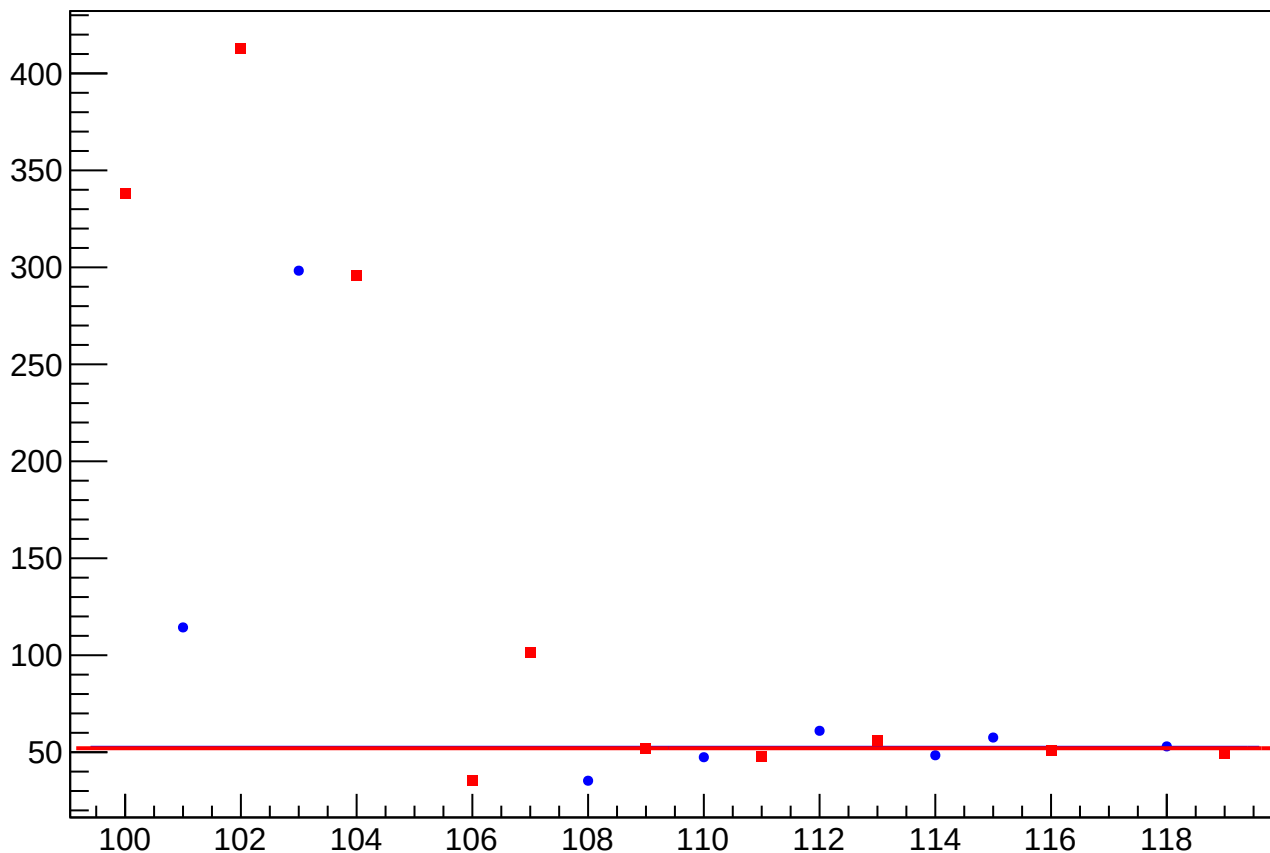
Right: 0.013+/-0.023 χ^2/NDF : 16.7/17

In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.023 χ^2/NDF : 16.7/17

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.281+/-0.024 χ^2/NDF : 1321857.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570533.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

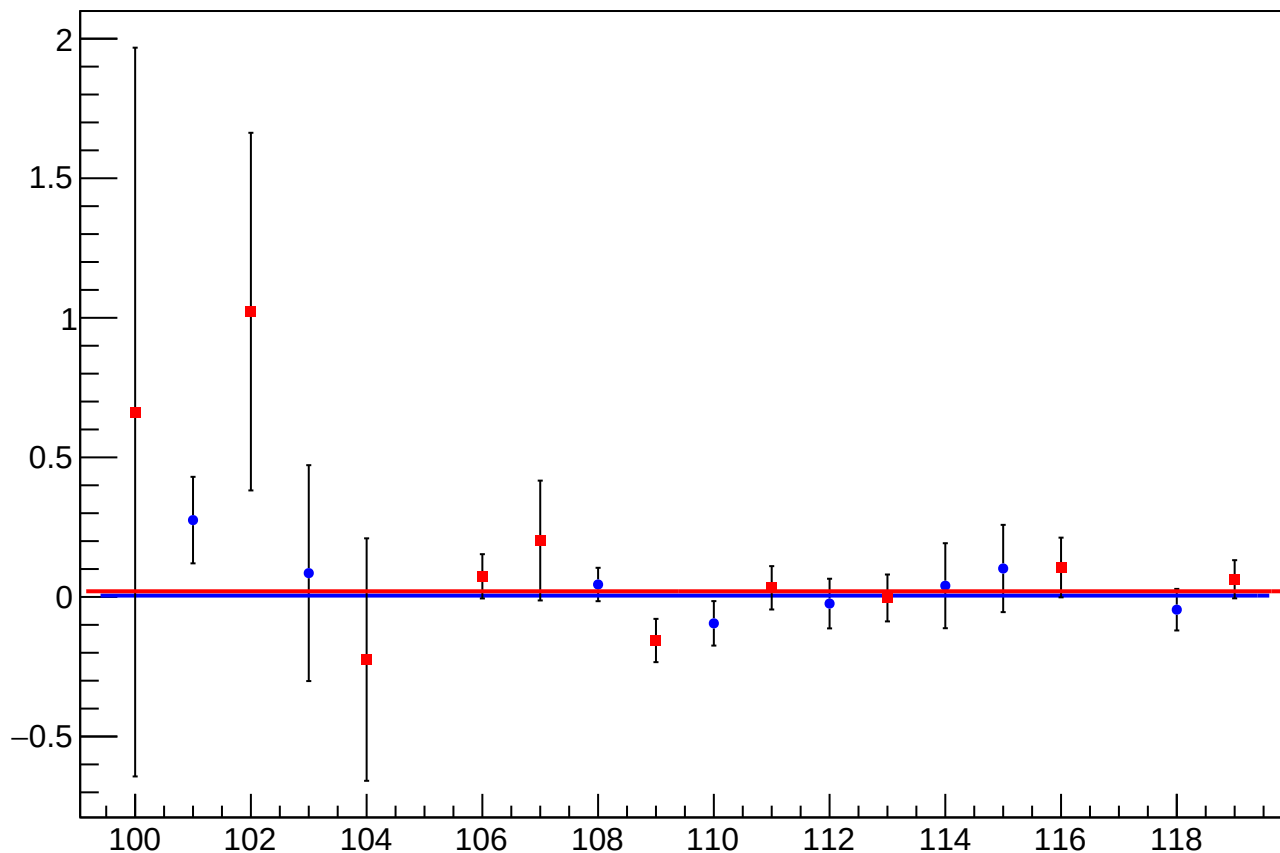
Right: 52.157+/-0.016 χ^2/NDF : 2892443.3/17

In: 52.281+/-0.024 χ^2/NDF : 1321857.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.157+/-0.016 χ^2/NDF : 2892443.3/17

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

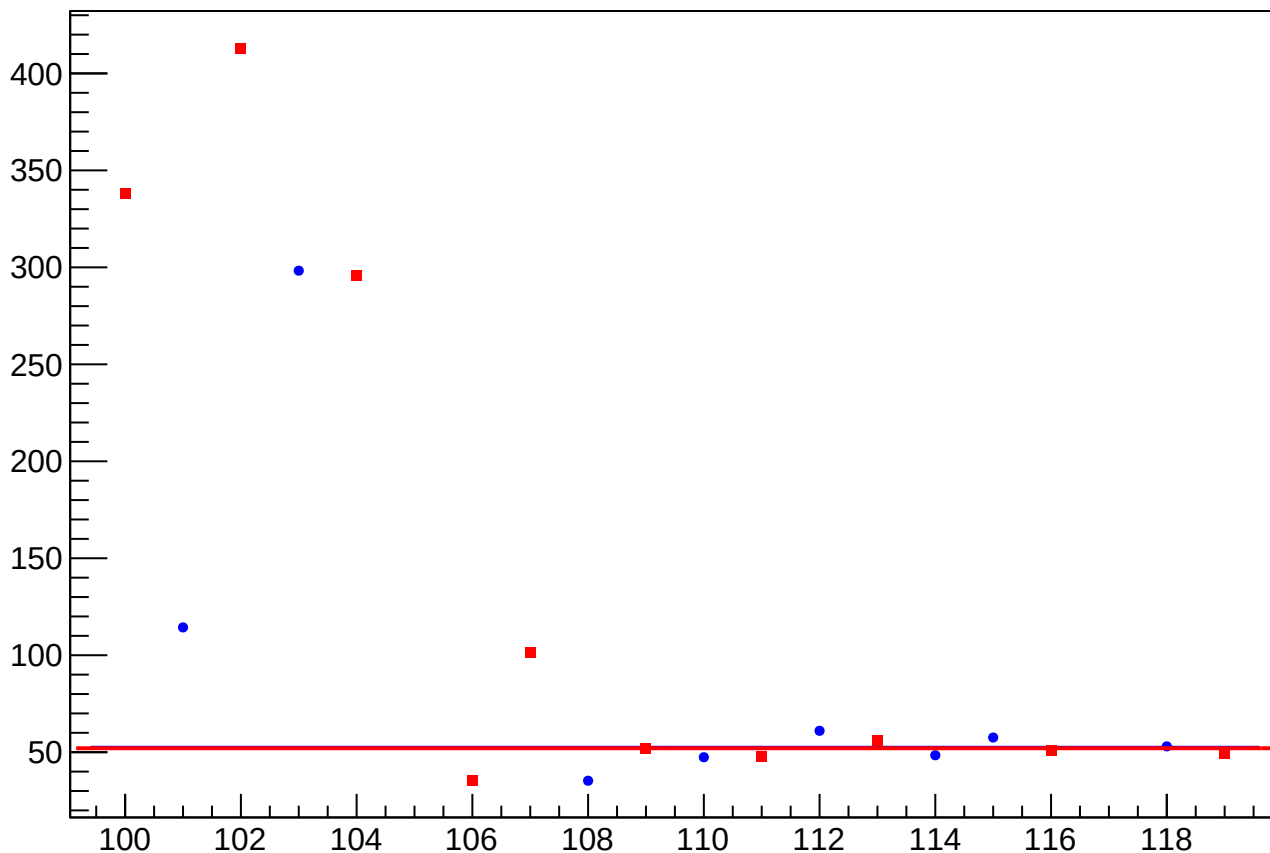
Right: 0.013+/-0.023 χ^2/NDF : 16.7/17

In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.023 χ^2/NDF : 16.7/17

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.281+/-0.024 χ^2/NDF : 1321857.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570533.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

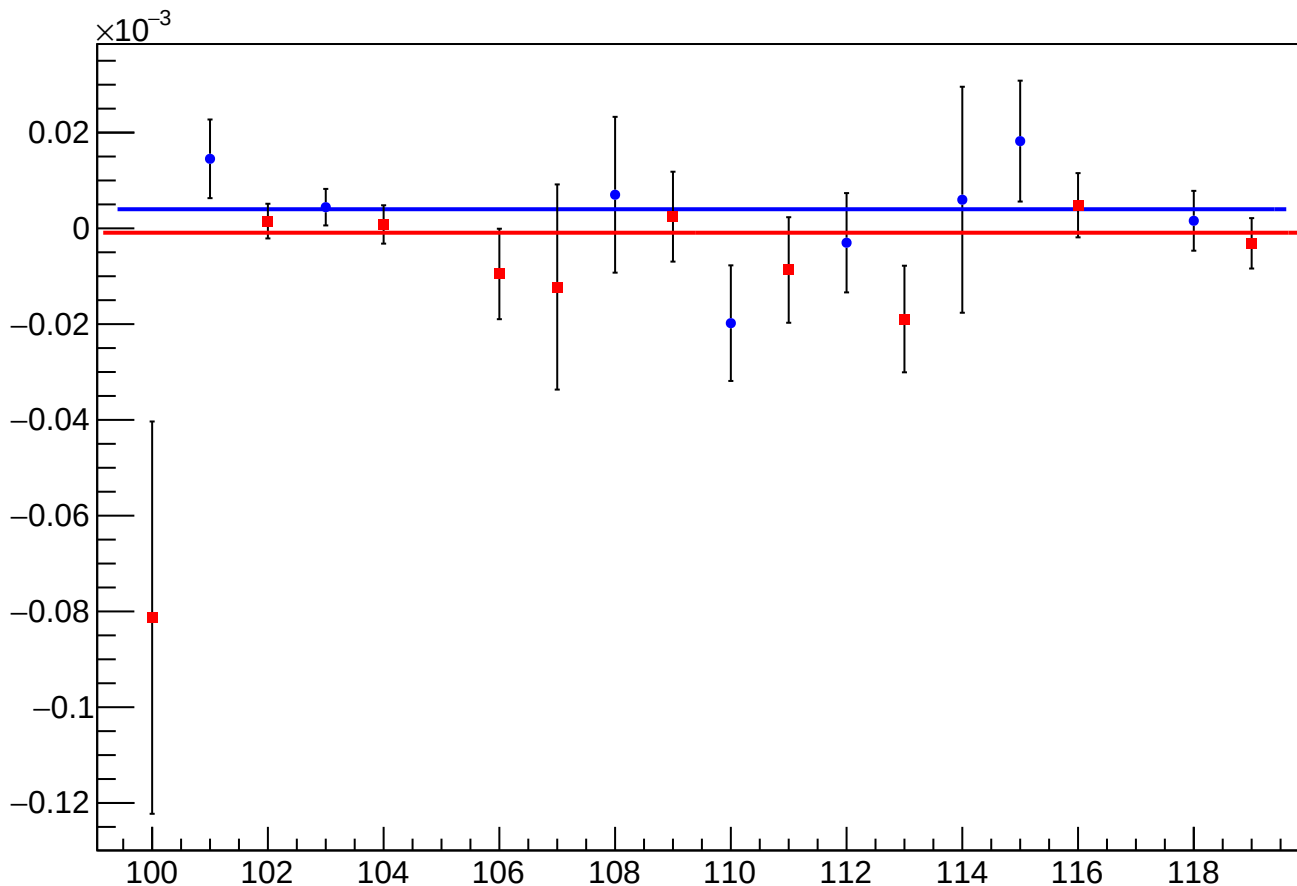
Right: 52.157+/-0.016 χ^2/NDF : 2892443.3/17

In: 52.281+/-0.024 χ^2/NDF : 1321857.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.157+/-0.016 χ^2/NDF : 2892443.3/17

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 : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

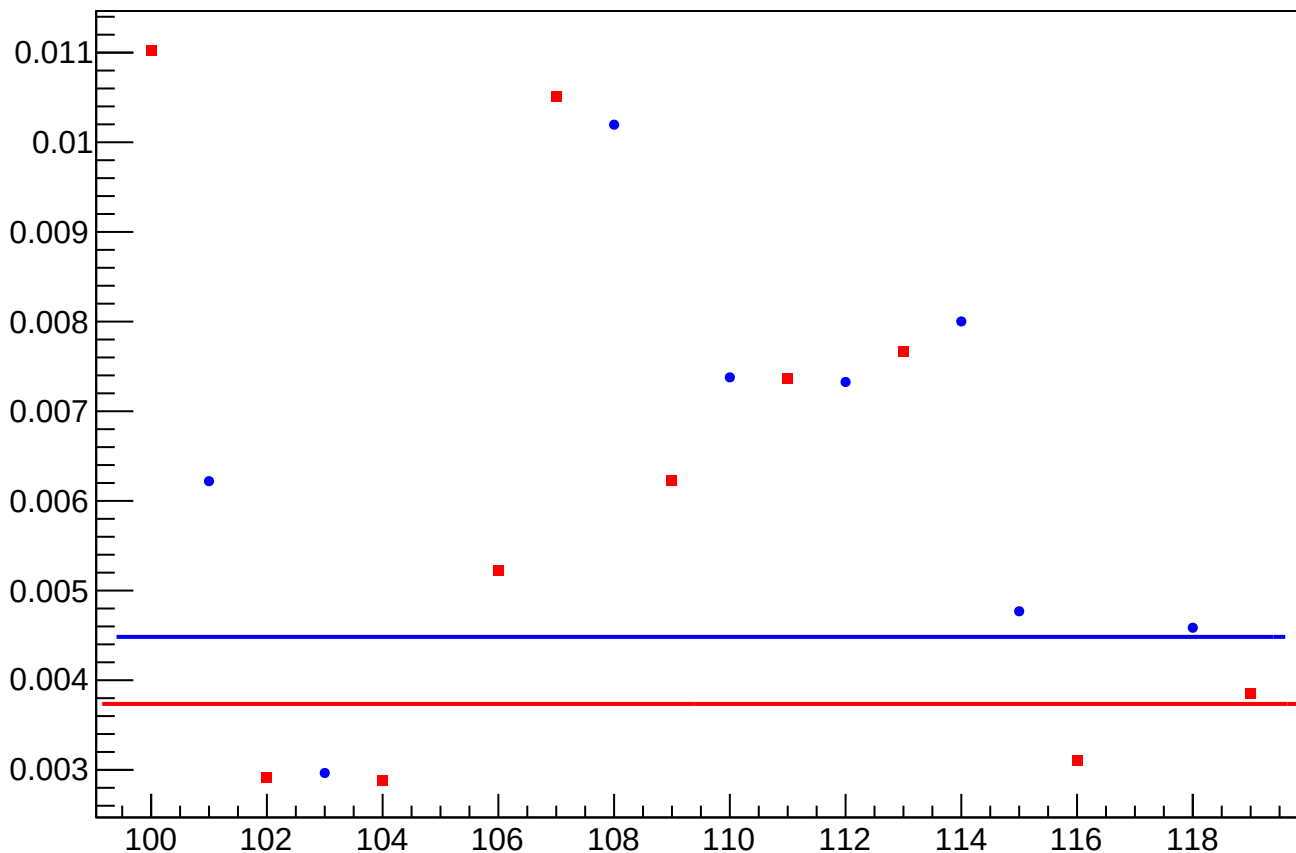
Right: 0.000+/-0.000 χ^2/NDF : 19.3/17

In: 0.000+/-0.000 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/17

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 : 964201.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1131246.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

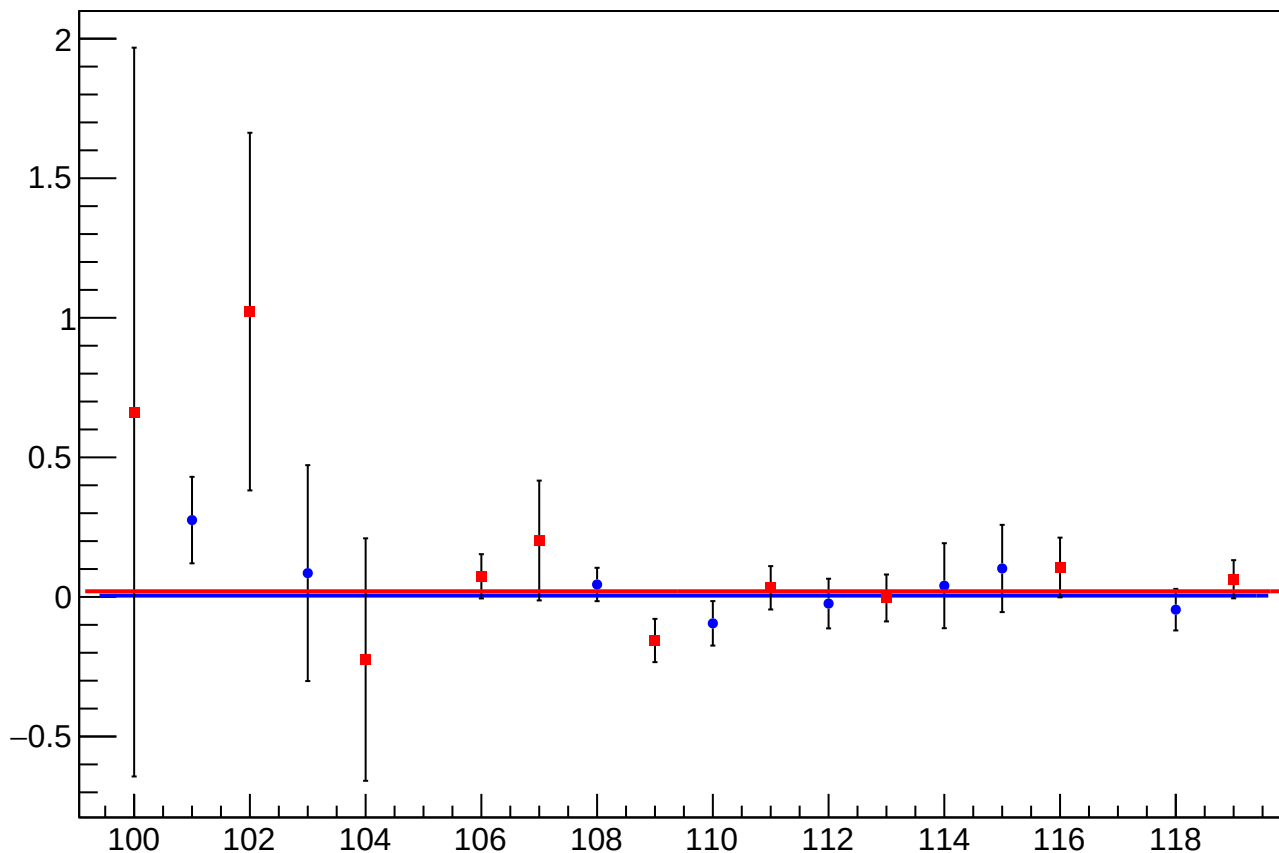
Right: 0.004+/-0.000 χ^2/NDF : 2192805.6/17

In: 0.004+/-0.000 χ^2/NDF : 964201.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2192805.6/17

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

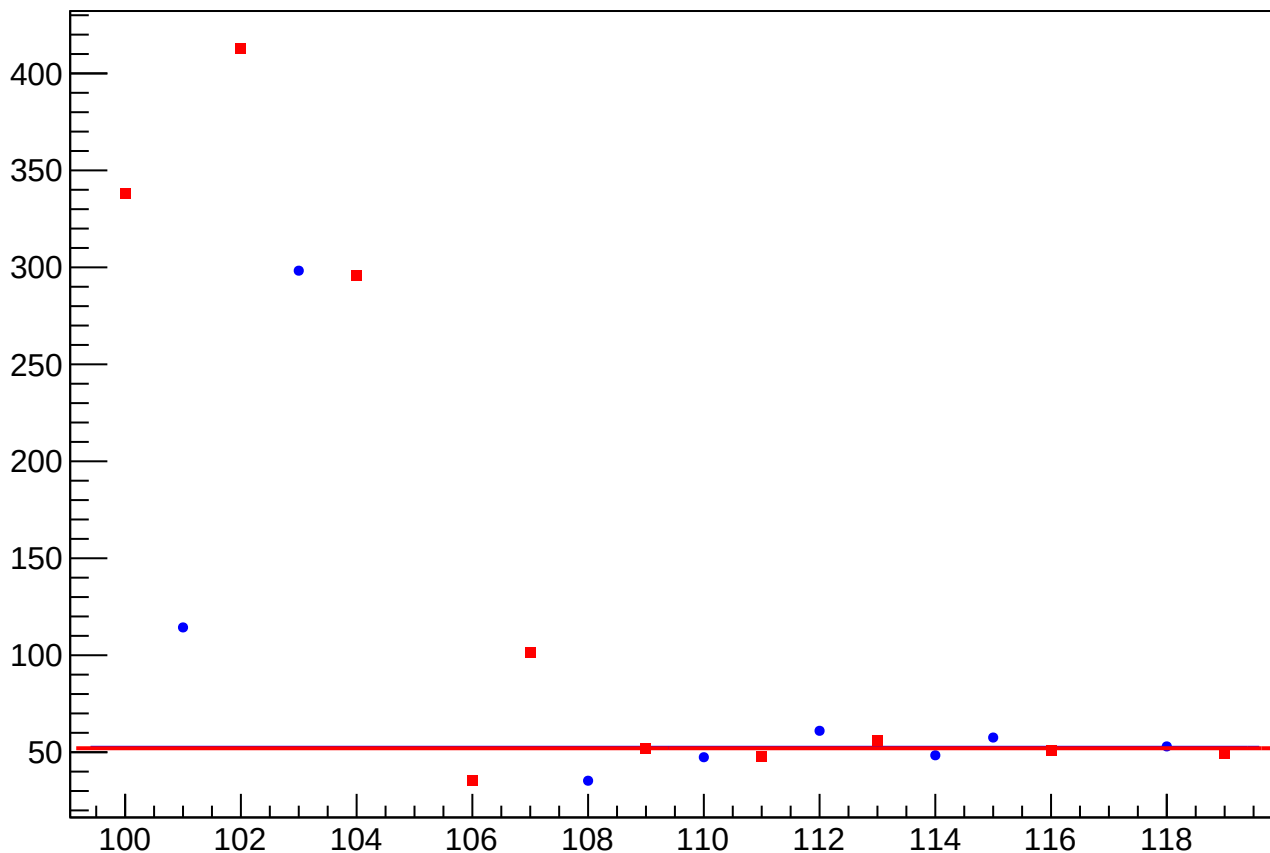
Right: 0.013+/-0.023 χ^2/NDF : 16.7/17

In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.023 χ^2/NDF : 16.7/17

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.283+/-0.024 χ^2/NDF : 1321781.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570518.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

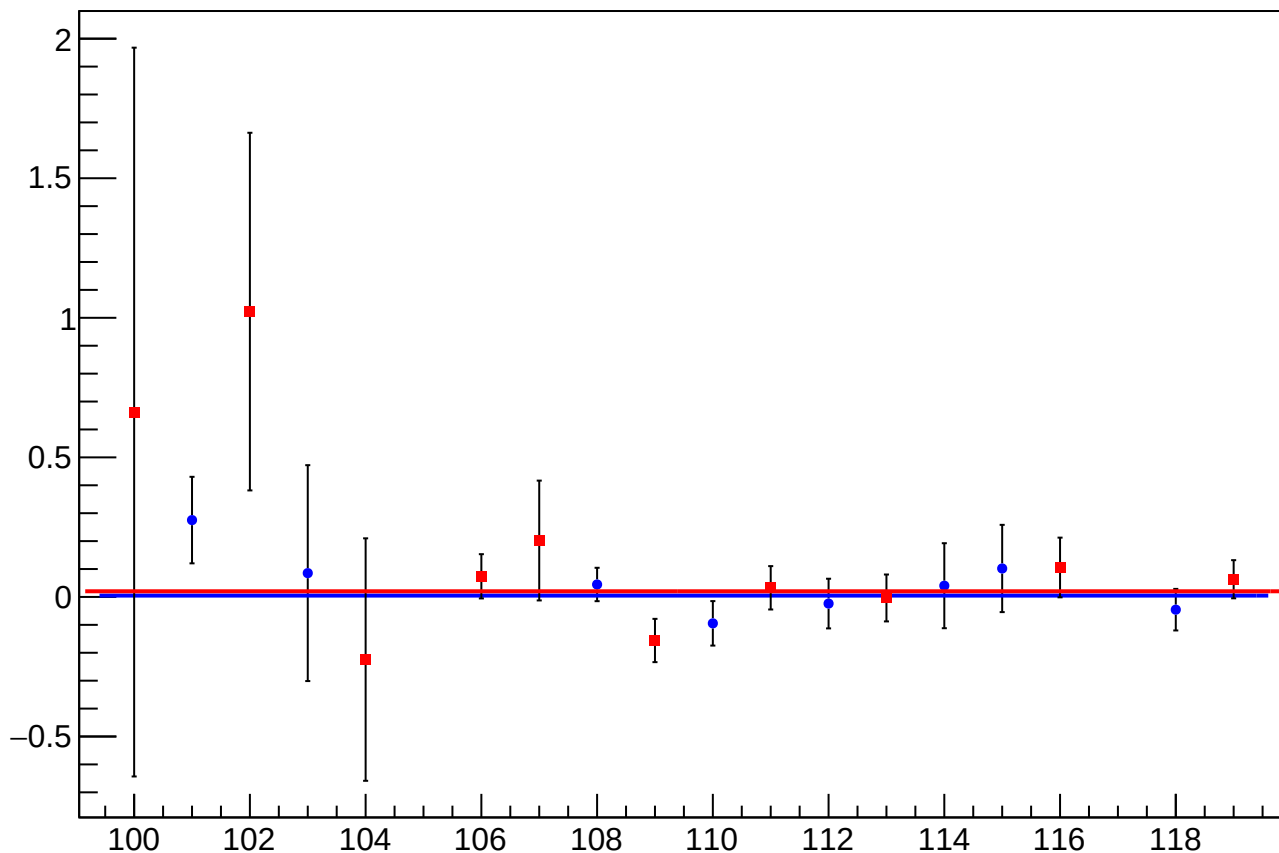
Right: 52.158+/-0.016 χ^2/NDF : 2892352.8/17

In: 52.283+/-0.024 χ^2/NDF :1321781.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.158+/-0.016 χ^2/NDF : 2892352.8/17

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.032 χ^2/NDF : 10.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

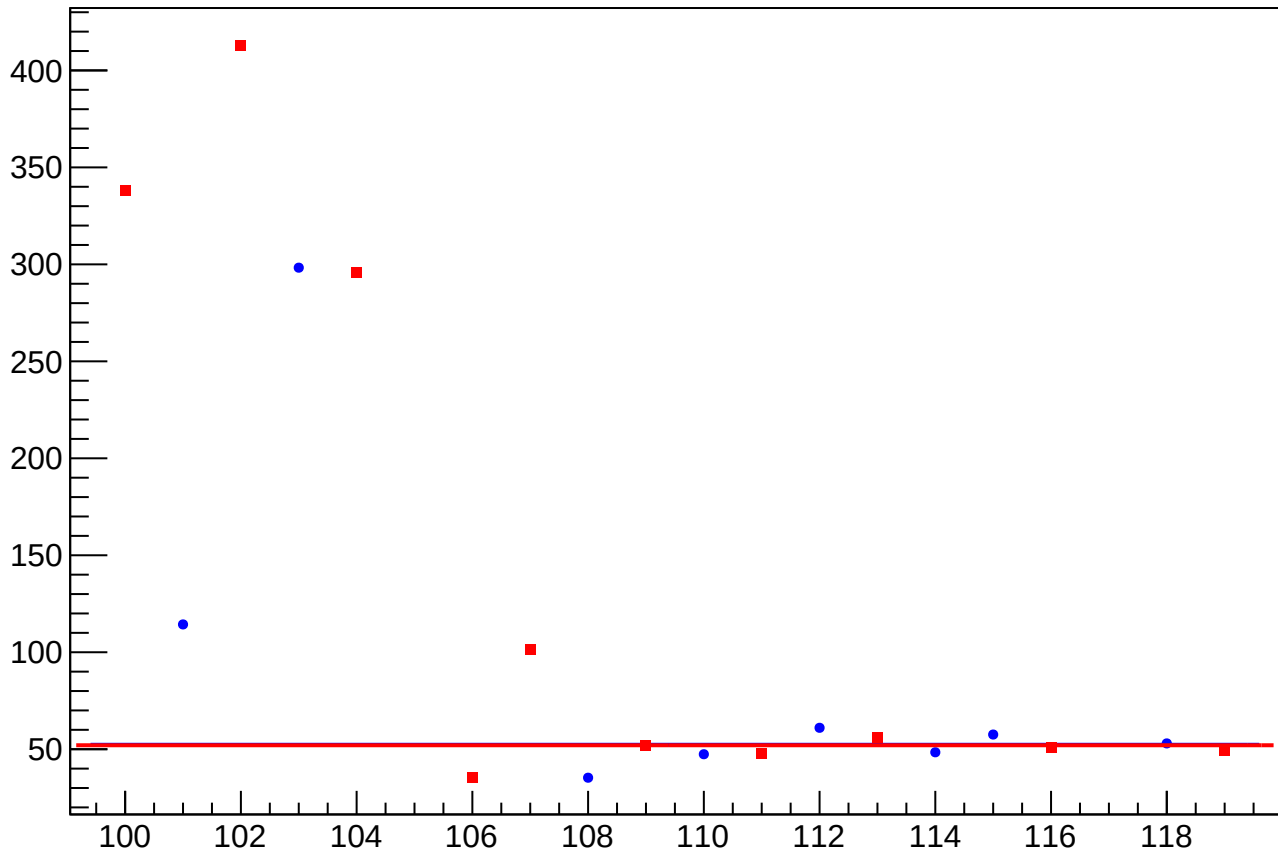
Right: 0.013+/-0.023 χ^2/NDF : 16.7/17

In: 0.005+/-0.034 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.023 χ^2/NDF : 16.7/17

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.283+/-0.024 χ^2/NDF : 1321781.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.044+/-0.023 χ^2/NDF : 1570518.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

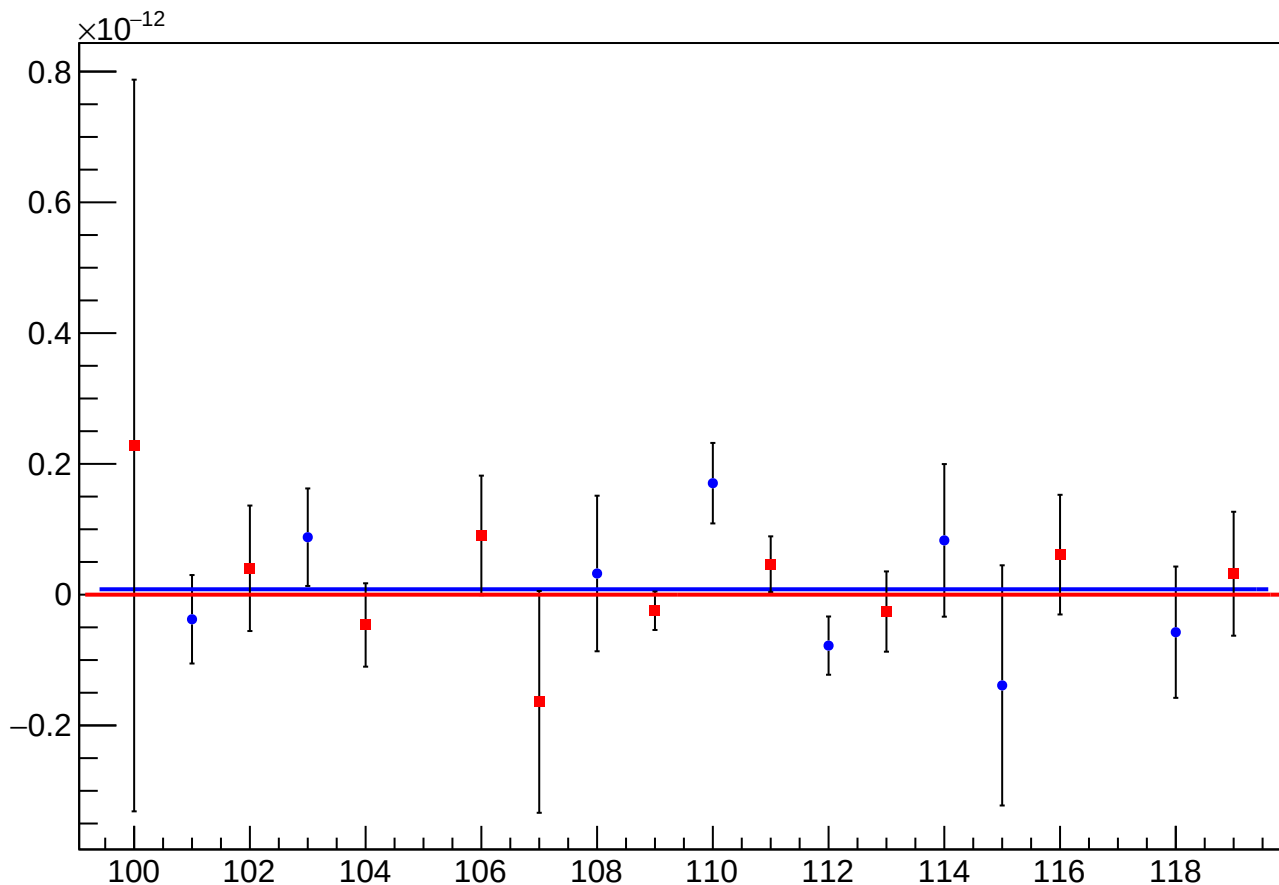
Right: 52.158+/-0.016 χ^2/NDF : 2892352.8/17

In: 52.283+/-0.024 χ^2/NDF : 1321781.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.158+/-0.016 χ^2/NDF : 2892352.8/17

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 : 13.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

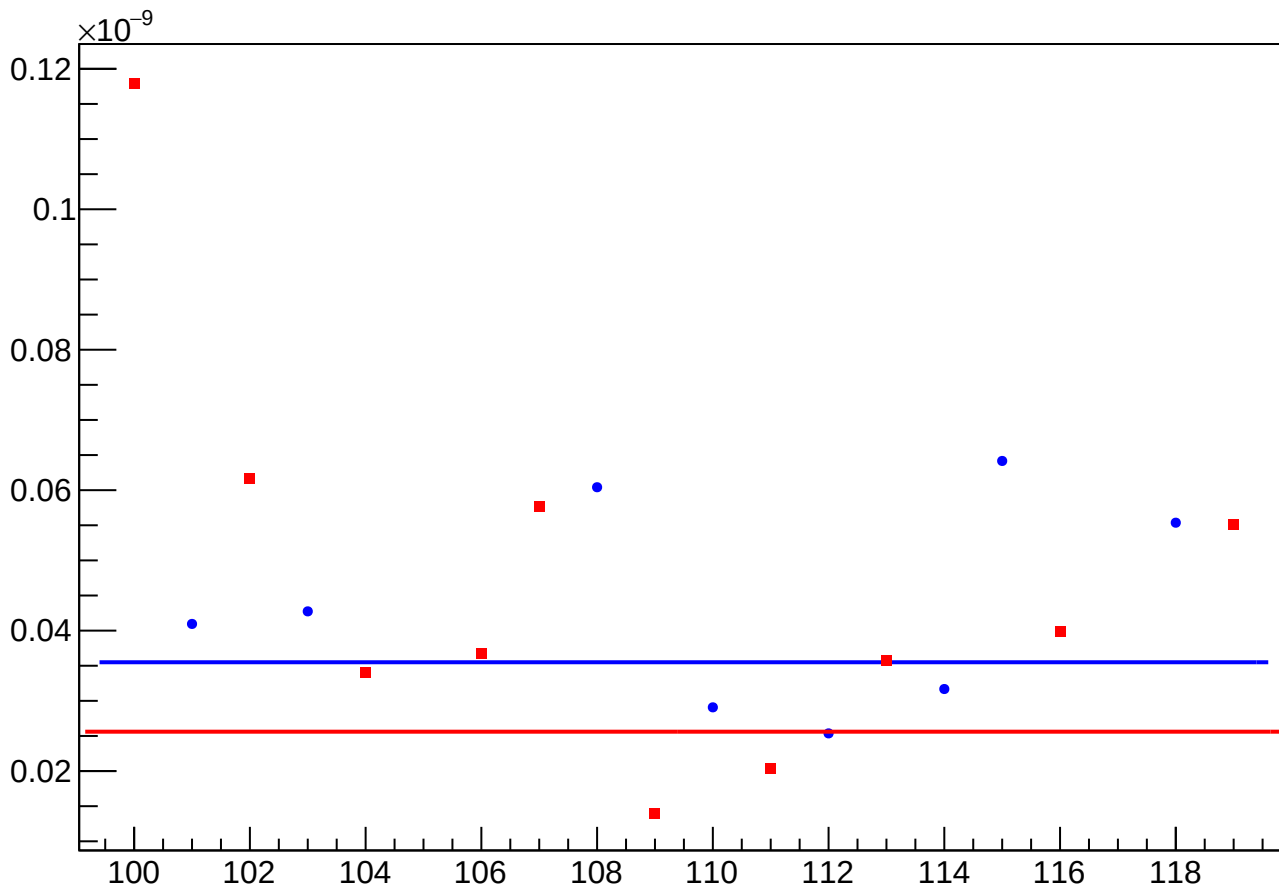
Right: 0.000+/-0.000 χ^2/NDF : 19.3/17

In: 0.000+/-0.000 χ^2/NDF : 13.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.3/17

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 : 374007.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1113725.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

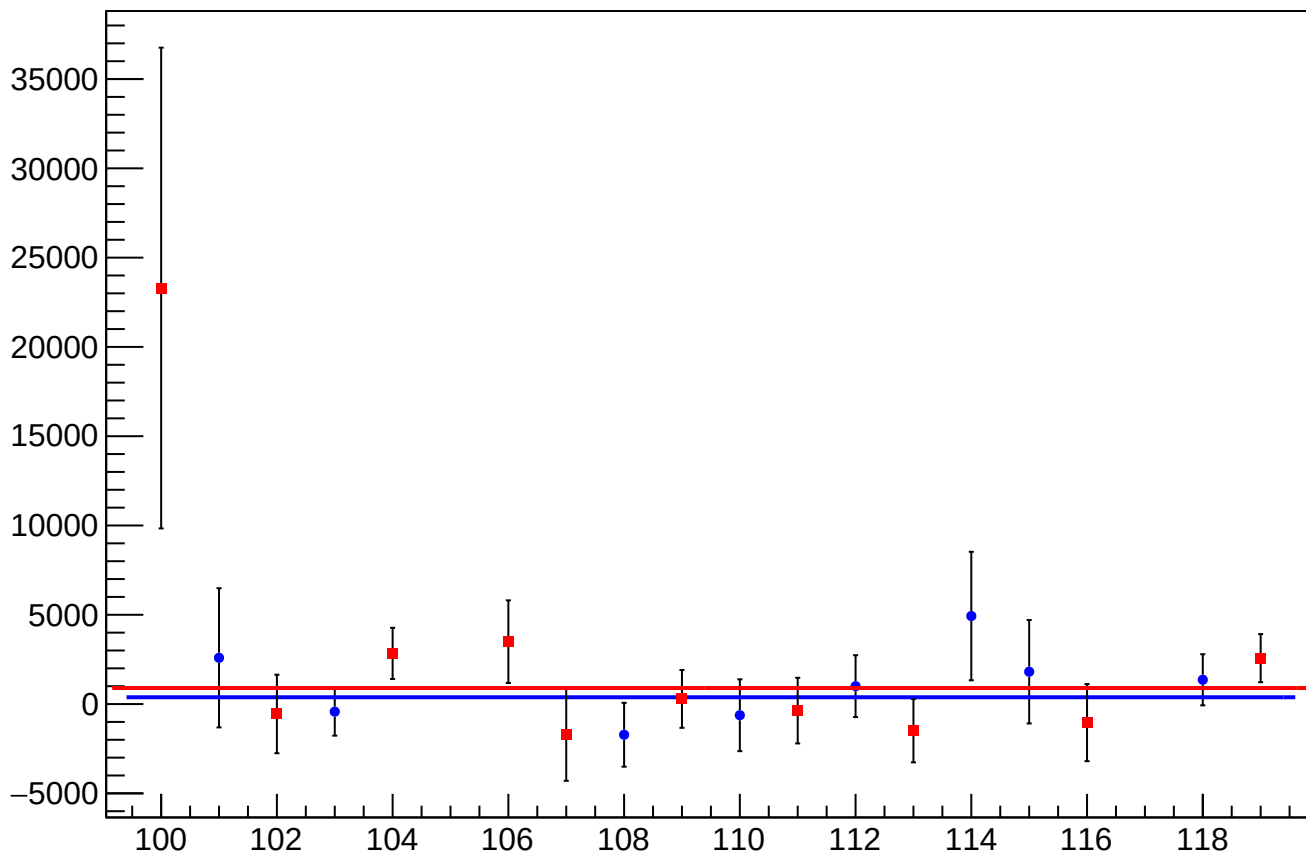
Right: 0.000+/-0.000 χ^2/NDF : 1671663.6/17

In: 0.000+/-0.000 χ^2/NDF : 374007.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1671663.6/17

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 381.345+/-674.655 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 898.562+/-597.929 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

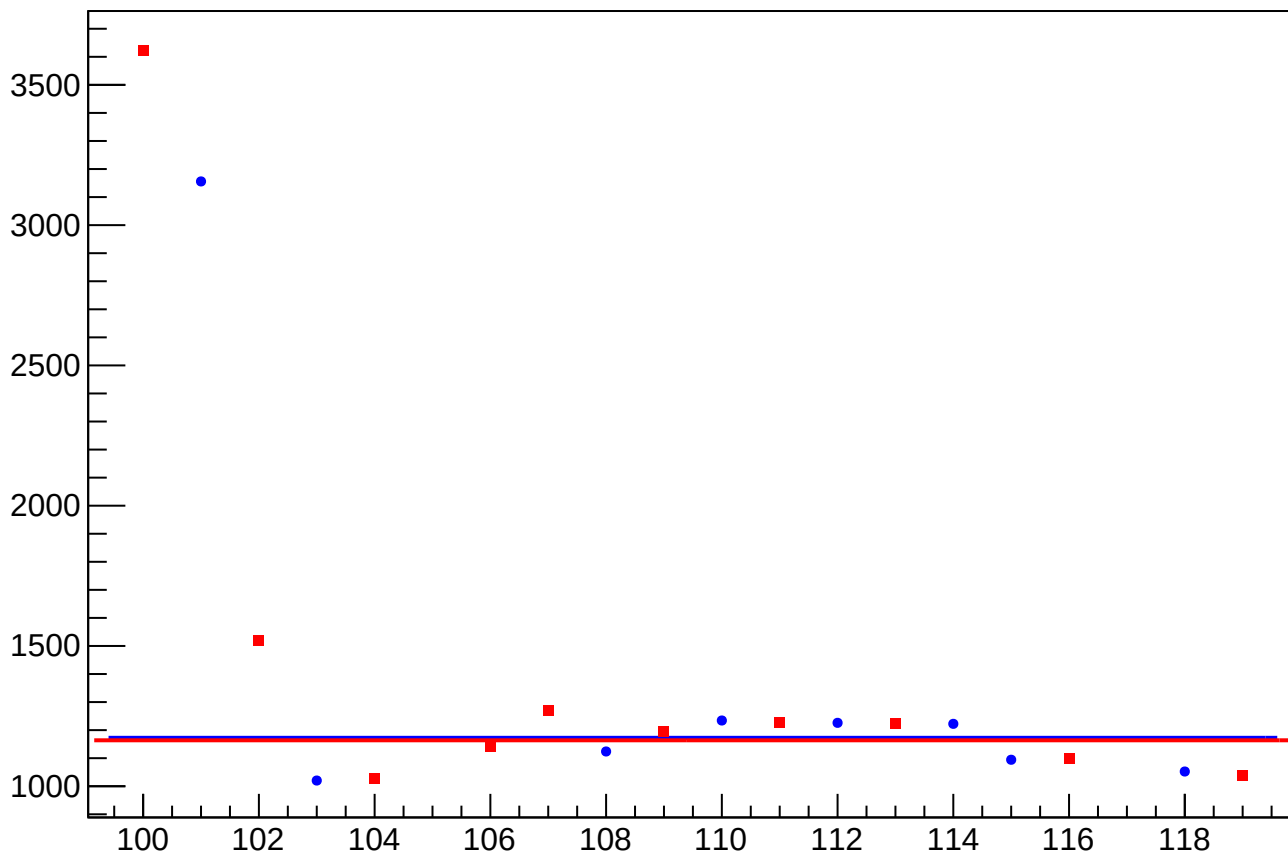
Right: 671.024+/-447.478 χ^2/NDF : 17.2/17

In: 381.345+/-674.655 χ^2/NDF :4.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 671.024+/-447.478 χ^2/NDF : 17.2/17

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1172.593+/-0.477 χ^2/NDF : 564833.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1163.757+/-0.423 χ^2/NDF : 165364.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

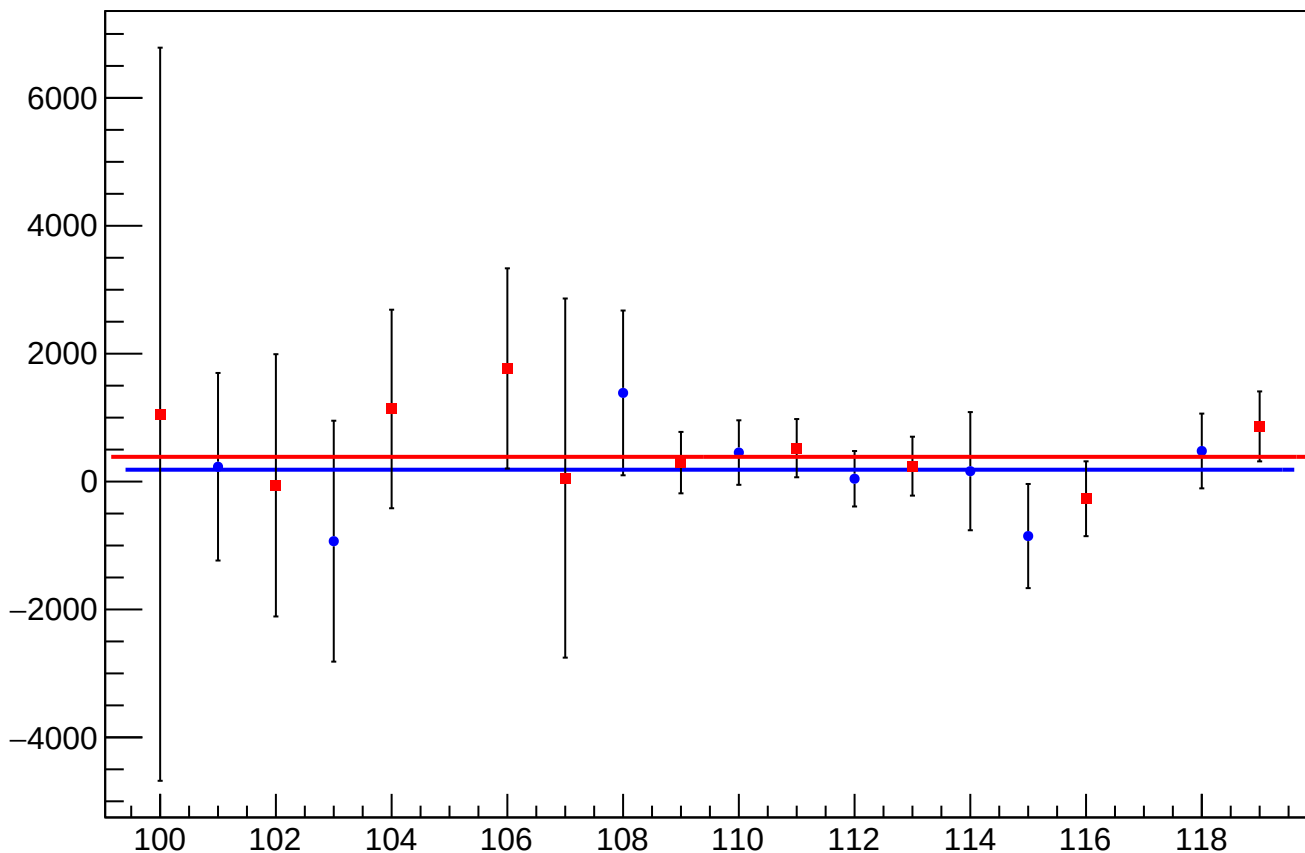
Right: 1167.644+/-0.316 χ^2/NDF : 730390.2/17

In: 1172.593+/-0.477 χ^2/NDF :564833.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1167.644+/-0.316 χ^2/NDF : 730390.2/17

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 185.404 $\pm$ 248.448 χ^2 /NDF: 3.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 386.810 $\pm$ 216.420 χ^2 /NDF: 3.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

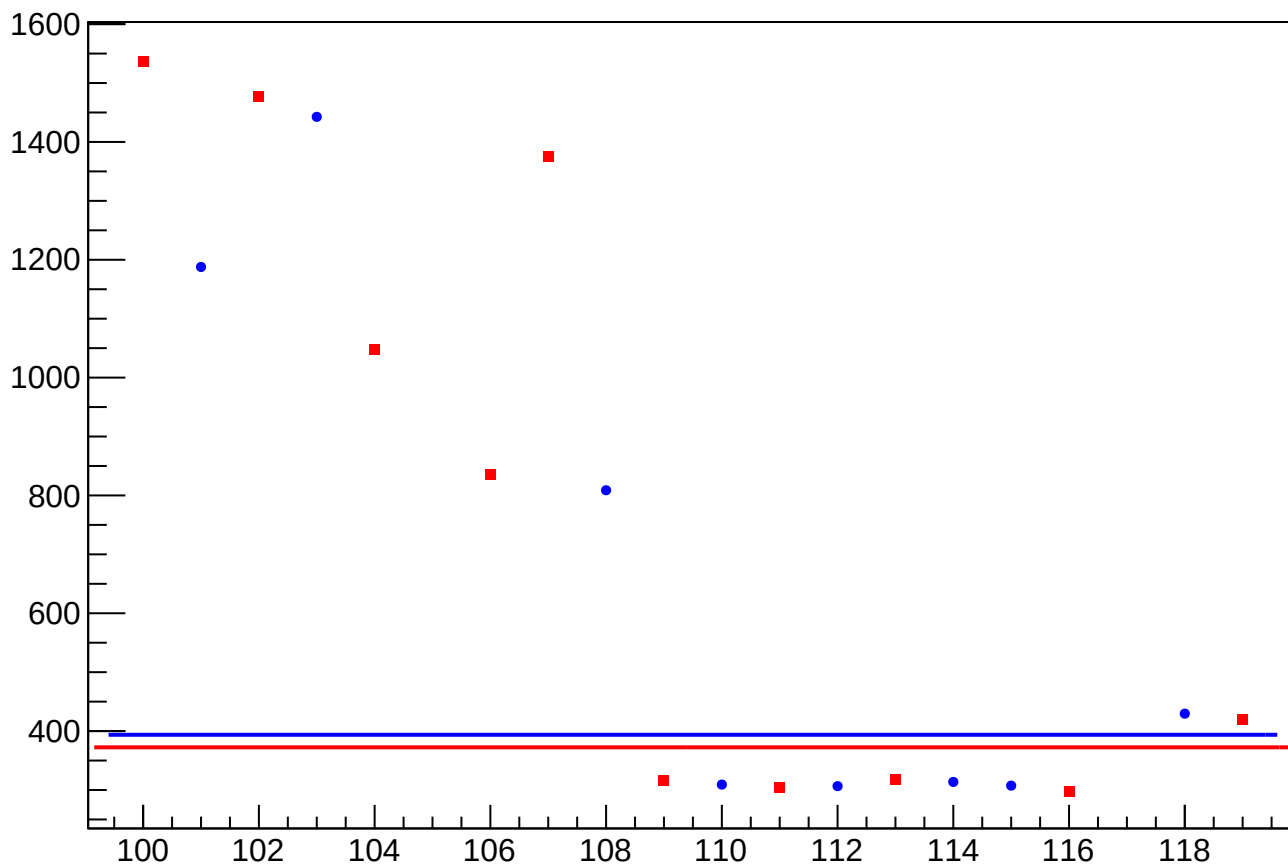
Right: 299.918 $\pm$ 163.189 χ^2 /NDF: 7.2/17

In: 185.404 $\pm$ 248.448 χ^2 /NDF:3.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 299.918 $\pm$ 163.189 χ^2 /NDF: 7.2/17

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 393.748+/-0.176 χ^2/NDF : 1595844.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.466+/-0.153 χ^2/NDF : 1621964.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

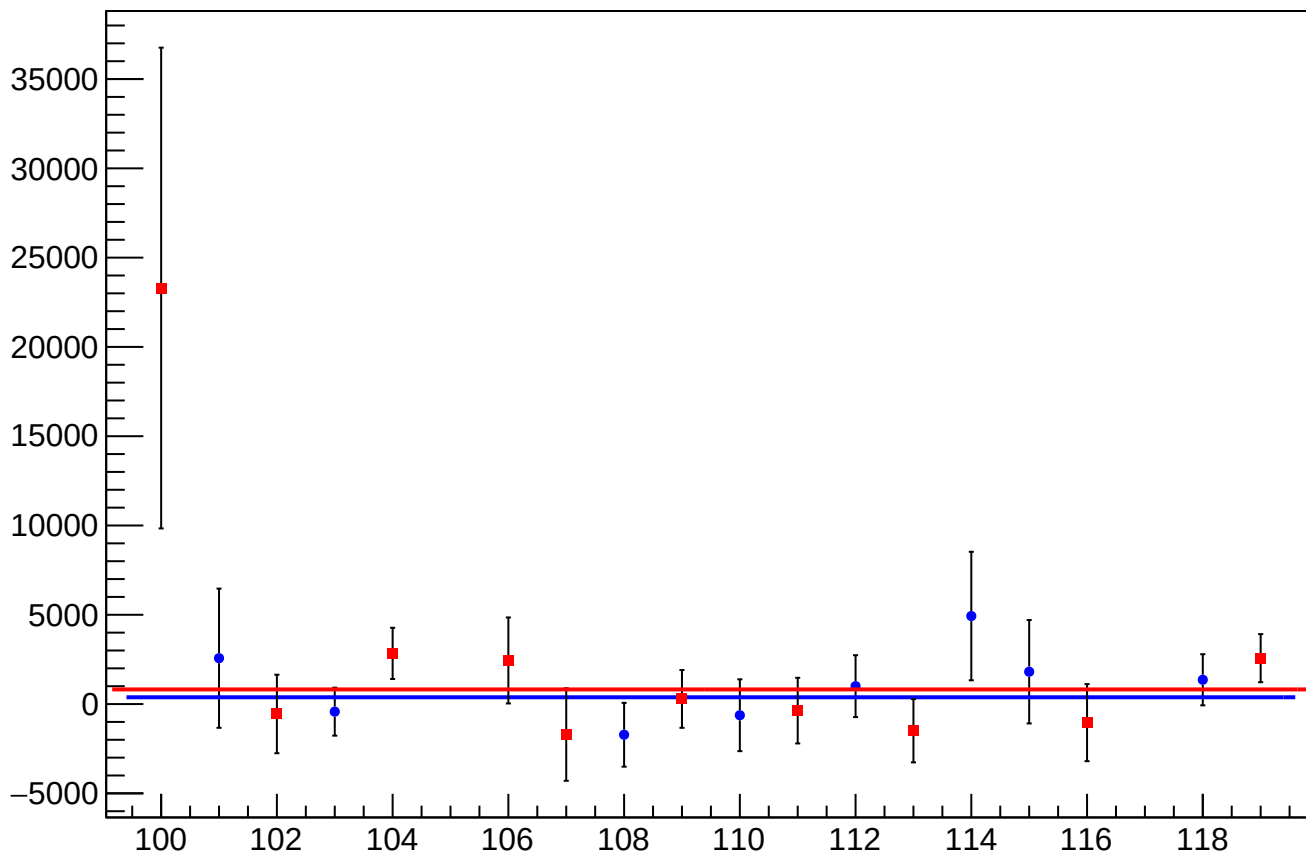
Right: 381.648+/-0.115 χ^2/NDF : 3226152.9/17

In: 393.748+/-0.176 χ^2/NDF : 1595844.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.648+/-0.115 χ^2/NDF : 3226152.9/17

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 380.562+/-674.655 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 820.027+/-599.475 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

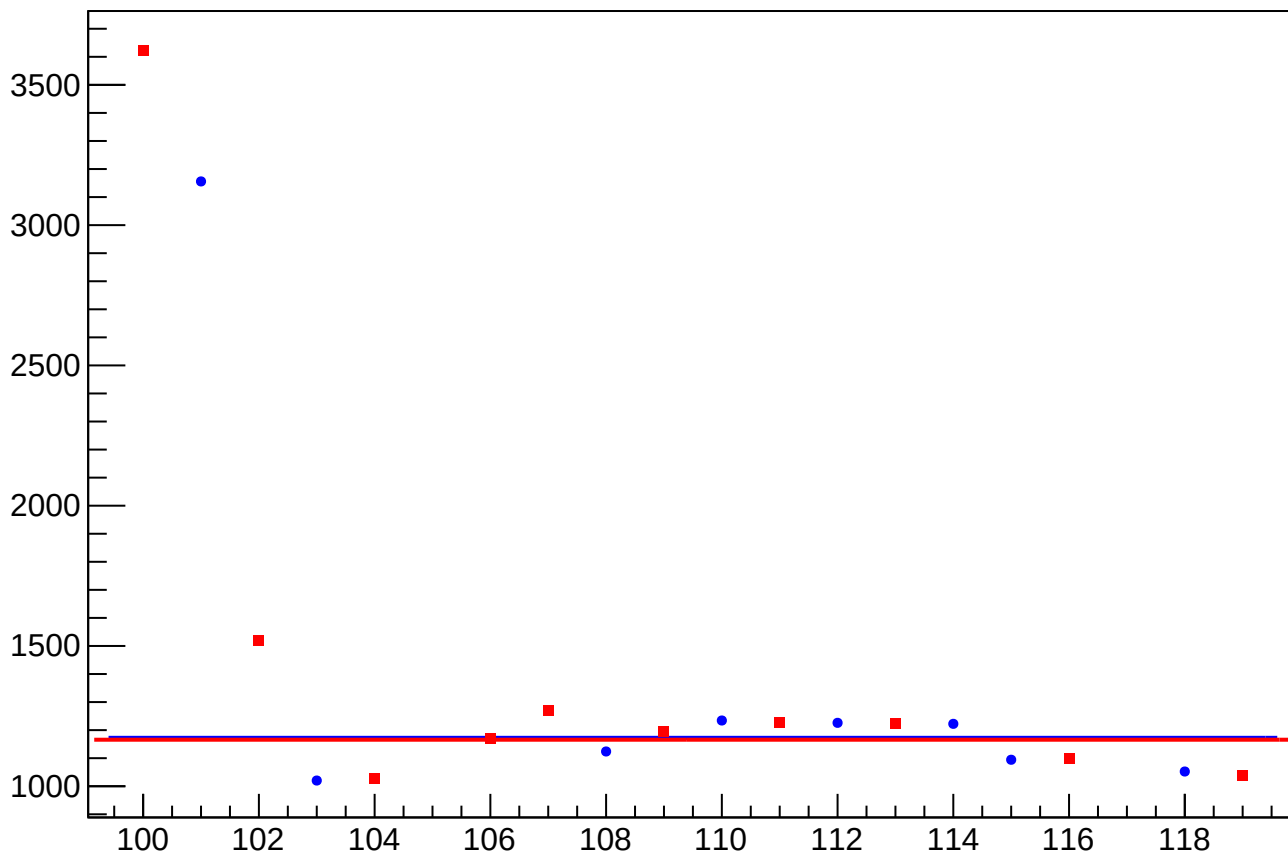
Right: 626.135+/-448.125 χ^2/NDF : 16.2/17

In: 380.562+/-674.655 χ^2/NDF : 4.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.135+/-448.125 χ^2/NDF : 16.2/17

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1172.592+/-0.477 χ^2/NDF : 564834.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.820+/-0.424 χ^2/NDF : 165159.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

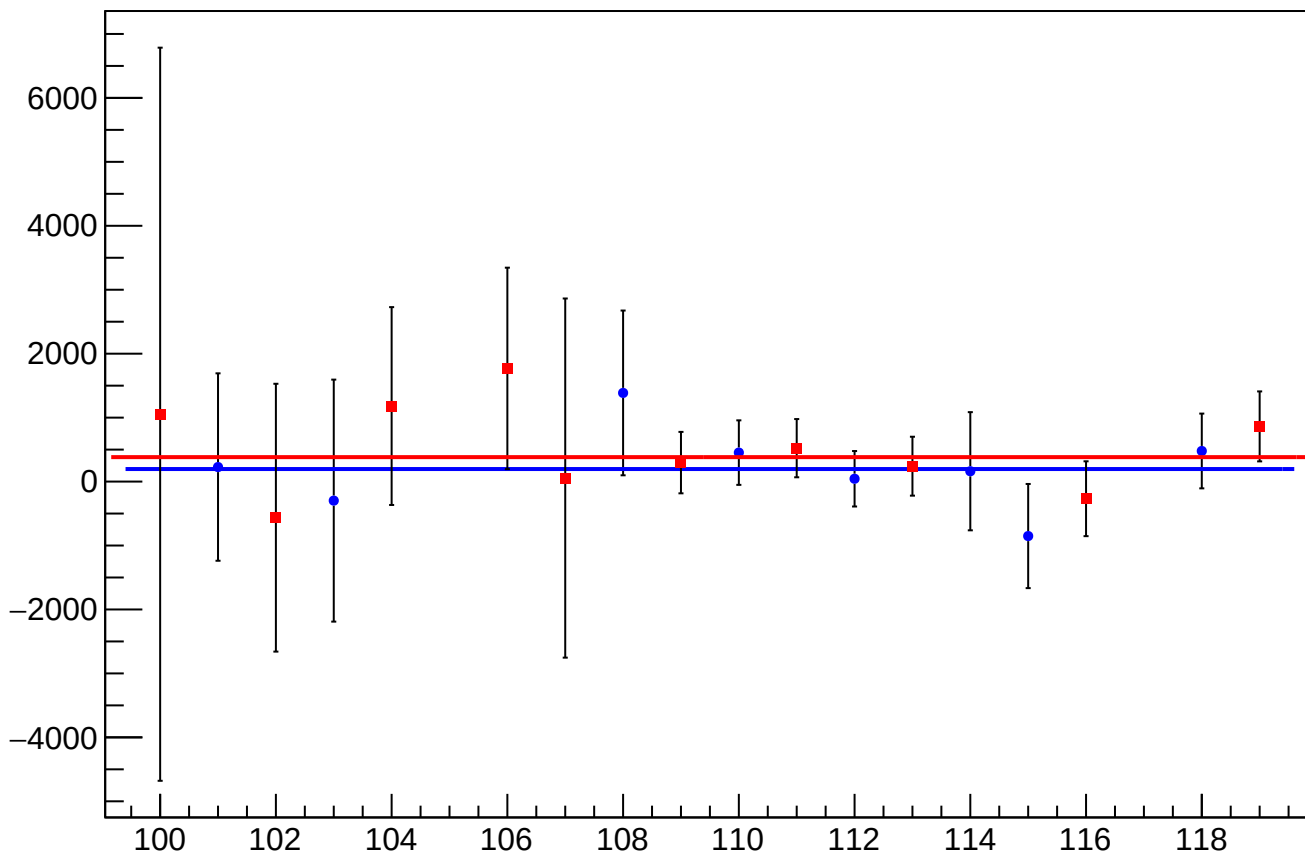
Right: 1168.808+/-0.317 χ^2/NDF : 730106.6/17

In: 1172.592+/-0.477 χ^2/NDF : 564834.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.808+/-0.317 χ^2/NDF : 730106.6/17

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 196.111+/-248.460 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.300+/-216.485 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

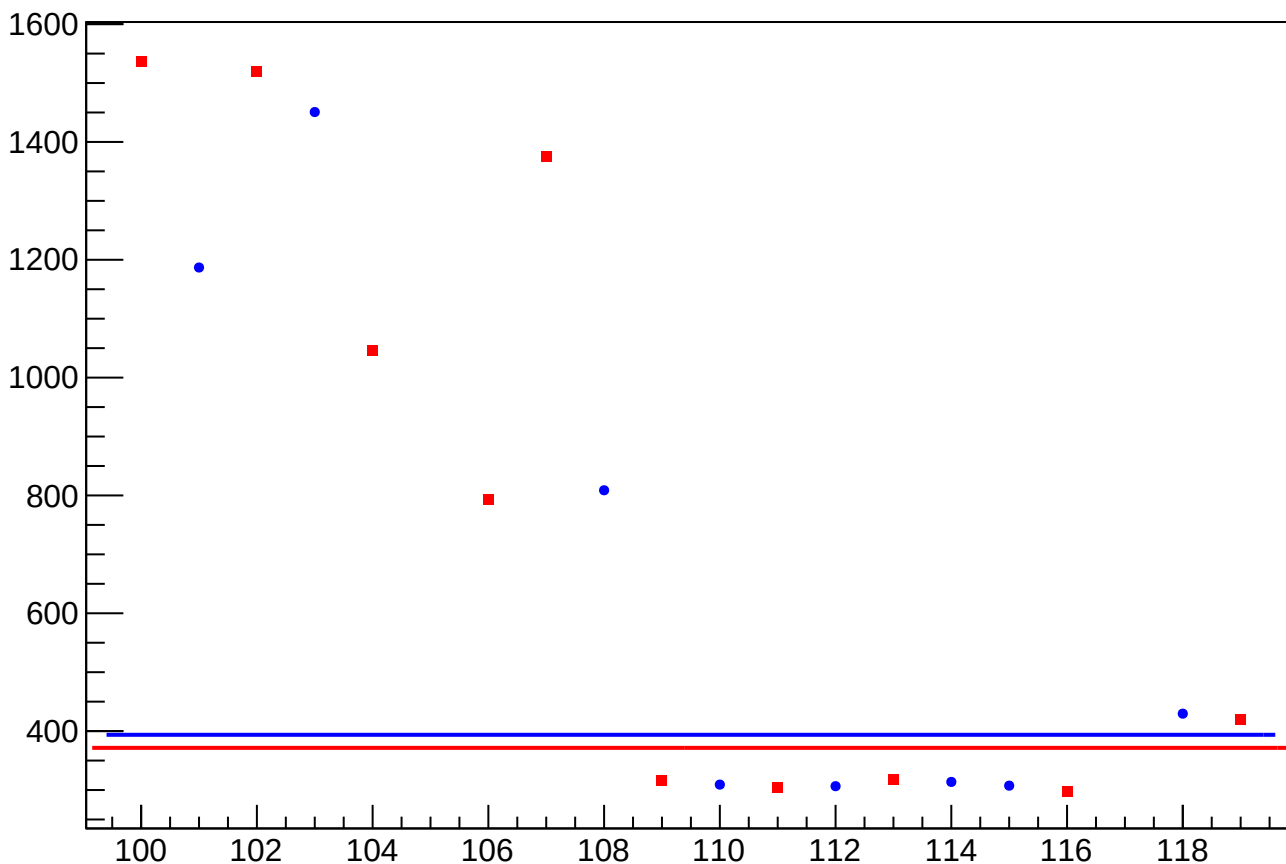
Right: 301.949+/-163.220 χ^2/NDF : 7.0/17

In: 196.111+/-248.460 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.949+/-163.220 χ^2/NDF : 7.0/17

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 393.731+/-0.176 χ^2/NDF : 1599514.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.570+/-0.153 χ^2/NDF : 1608972.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

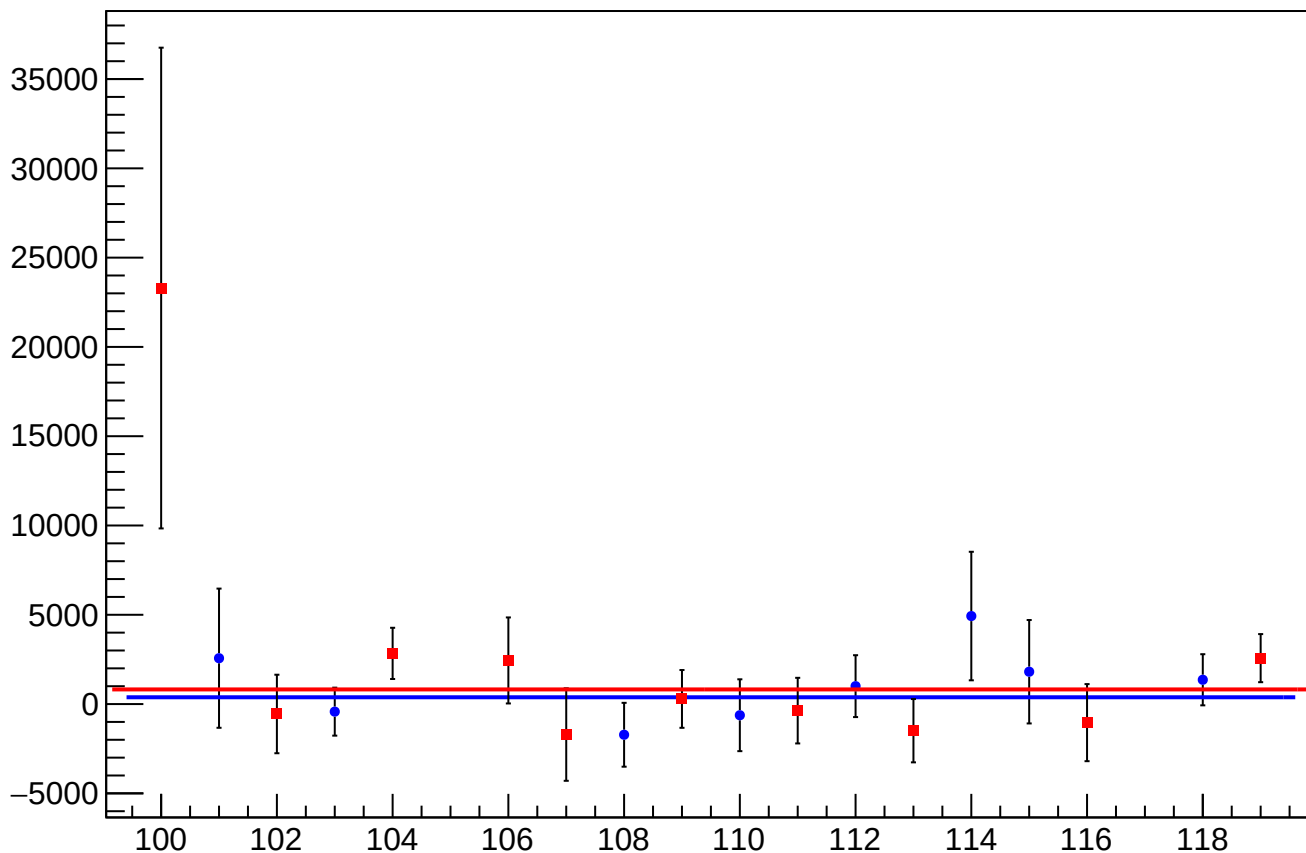
Right: 381.134+/-0.115 χ^2/NDF : 3217530.4/17

In: 393.731+/-0.176 χ^2/NDF : 1599514.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.134+/-0.115 χ^2/NDF : 3217530.4/17

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 380.562+/-674.655 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 820.027+/-599.475 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

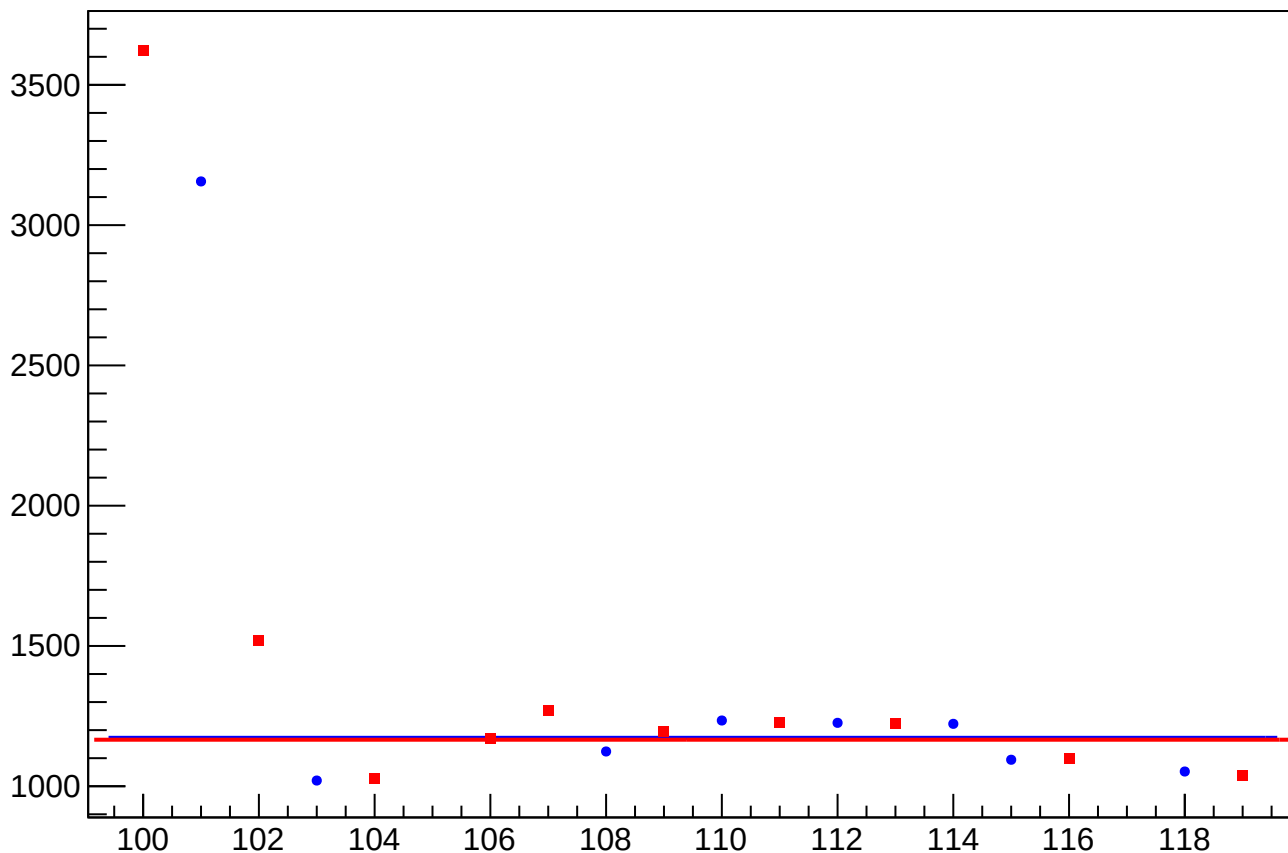
Right: 626.135+/-448.125 χ^2/NDF : 16.2/17

In: 380.562+/-674.655 χ^2/NDF : 4.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.135+/-448.125 χ^2/NDF : 16.2/17

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1172.592+/-0.477 χ^2/NDF : 564834.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1165.820+/-0.424 χ^2/NDF : 165159.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

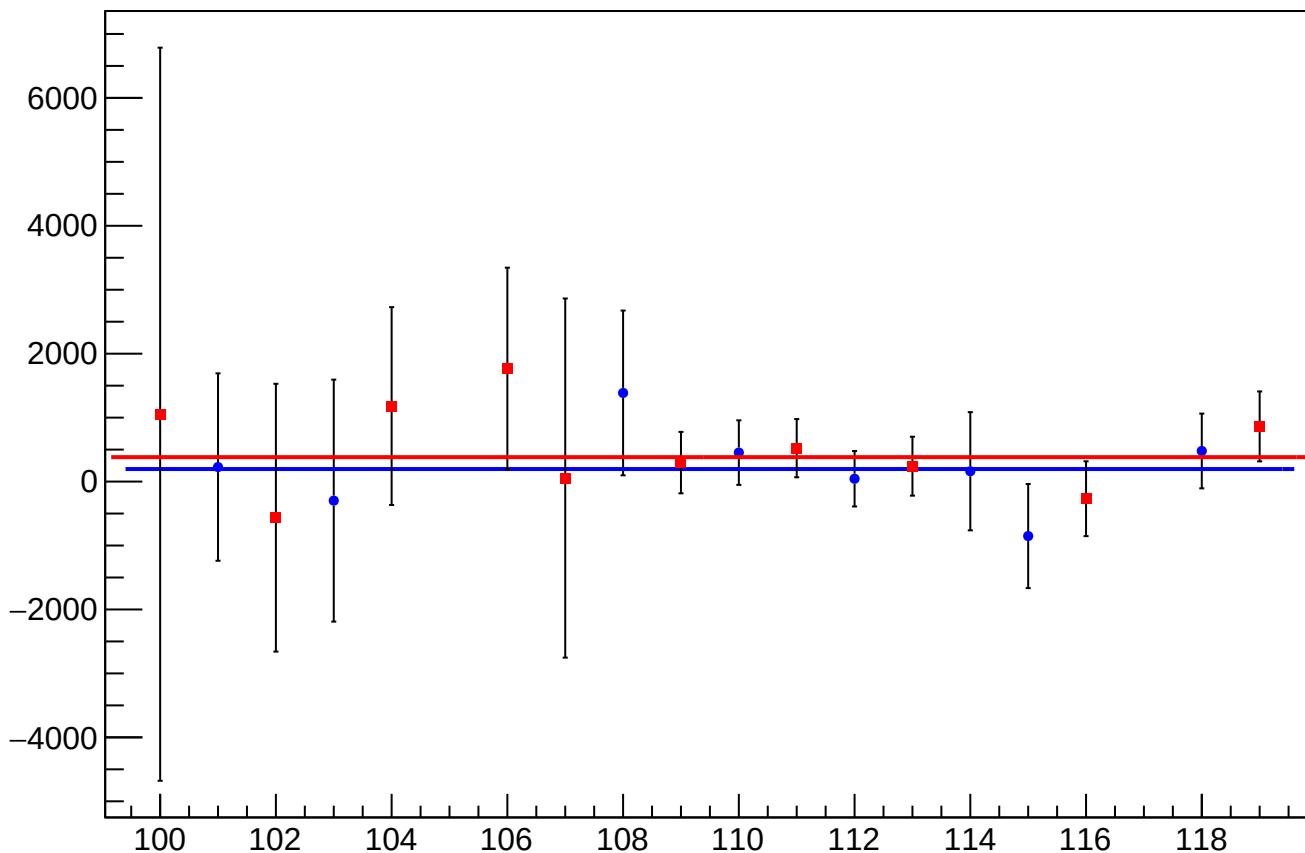
Right: 1168.808+/-0.317 χ^2/NDF : 730106.6/17

In: 1172.592+/-0.477 χ^2/NDF : 564834.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.808+/-0.317 χ^2/NDF : 730106.6/17

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 196.111+/-248.460 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.300+/-216.485 χ^2/NDF : 3.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

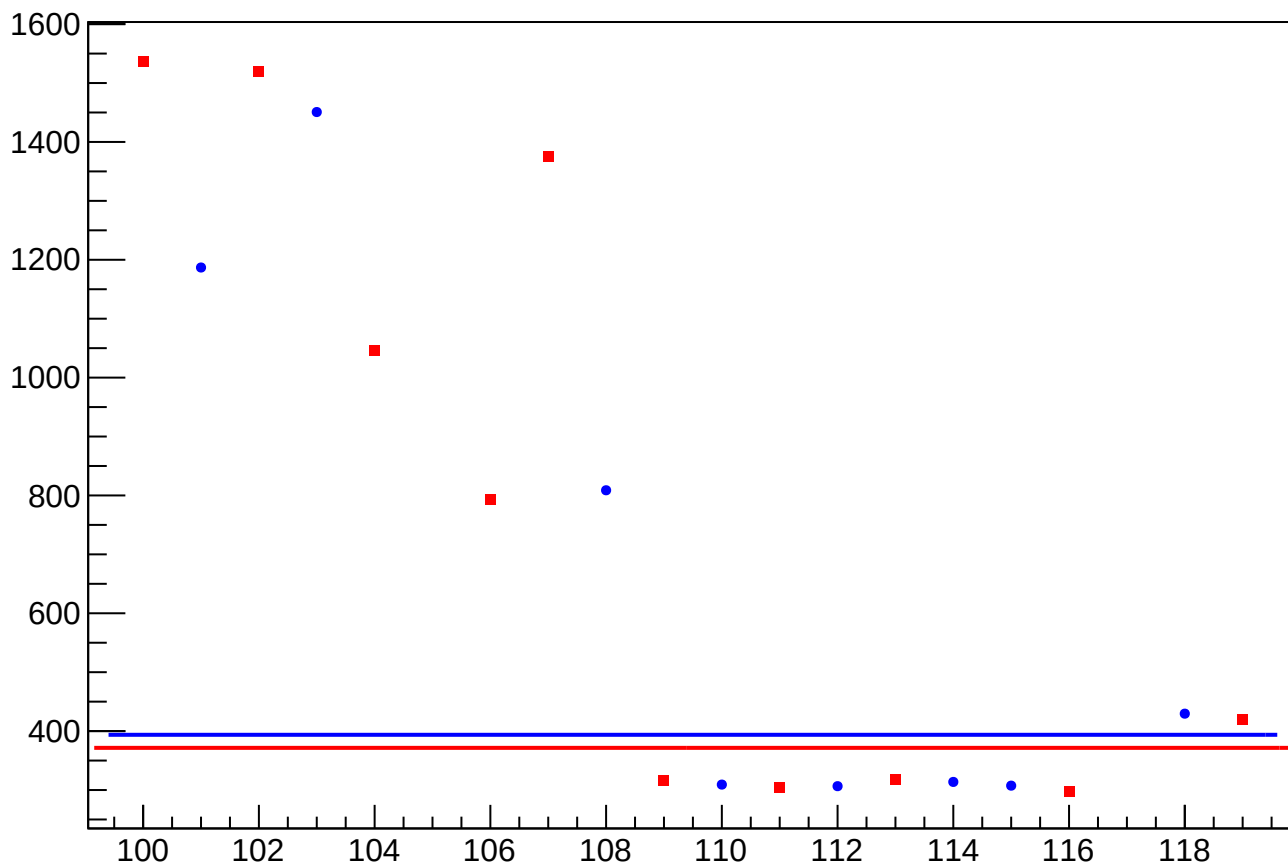
Right: 301.949+/-163.220 χ^2/NDF : 7.0/17

In: 196.111+/-248.460 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.949+/-163.220 χ^2/NDF : 7.0/17

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 393.731+/-0.176 χ^2/NDF : 1599514.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.570+/-0.153 χ^2/NDF : 1608972.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

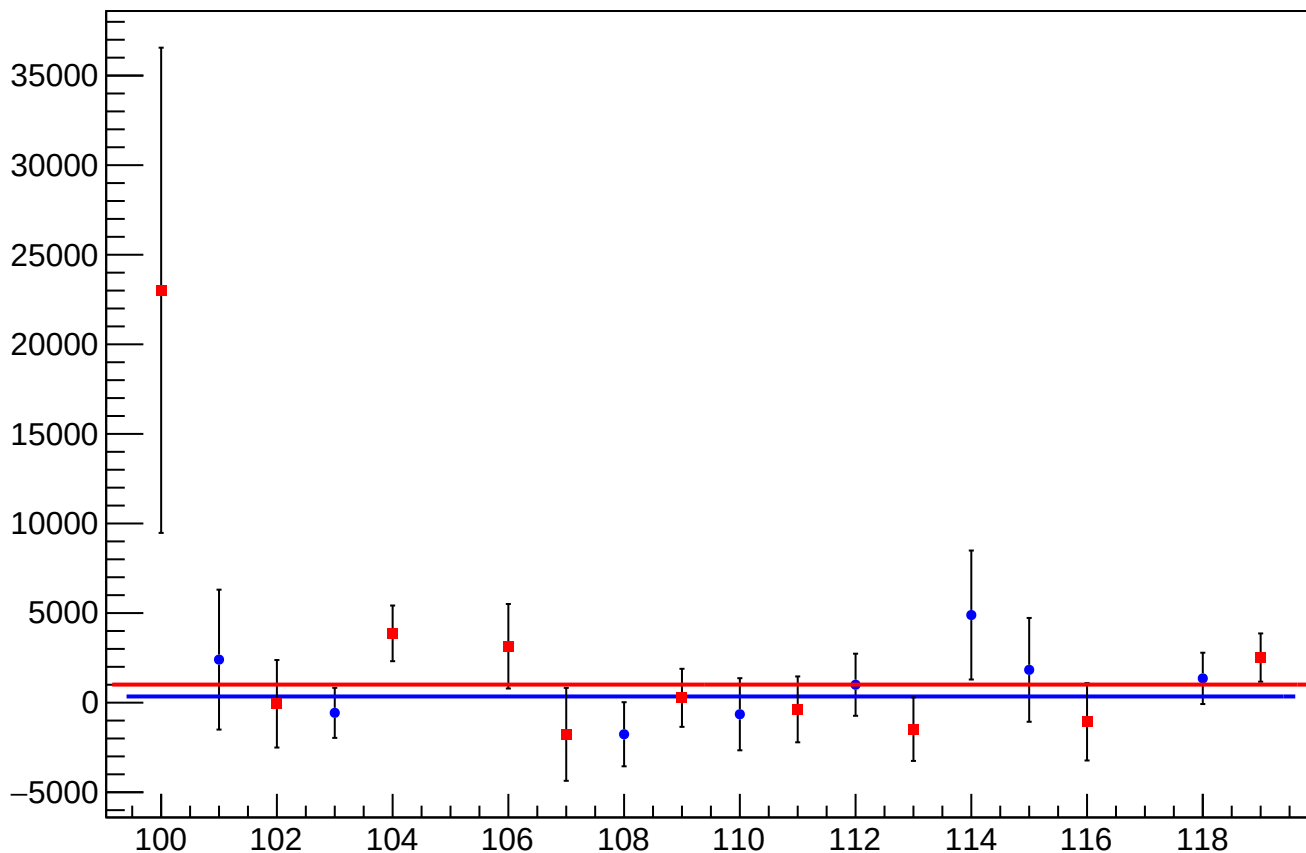
Right: 381.134+/-0.115 χ^2/NDF : 3217530.4/17

In: 393.731+/-0.176 χ^2/NDF : 1599514.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.134+/-0.115 χ^2/NDF : 3217530.4/17

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 345.677+/-681.499 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.159+/-611.317 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

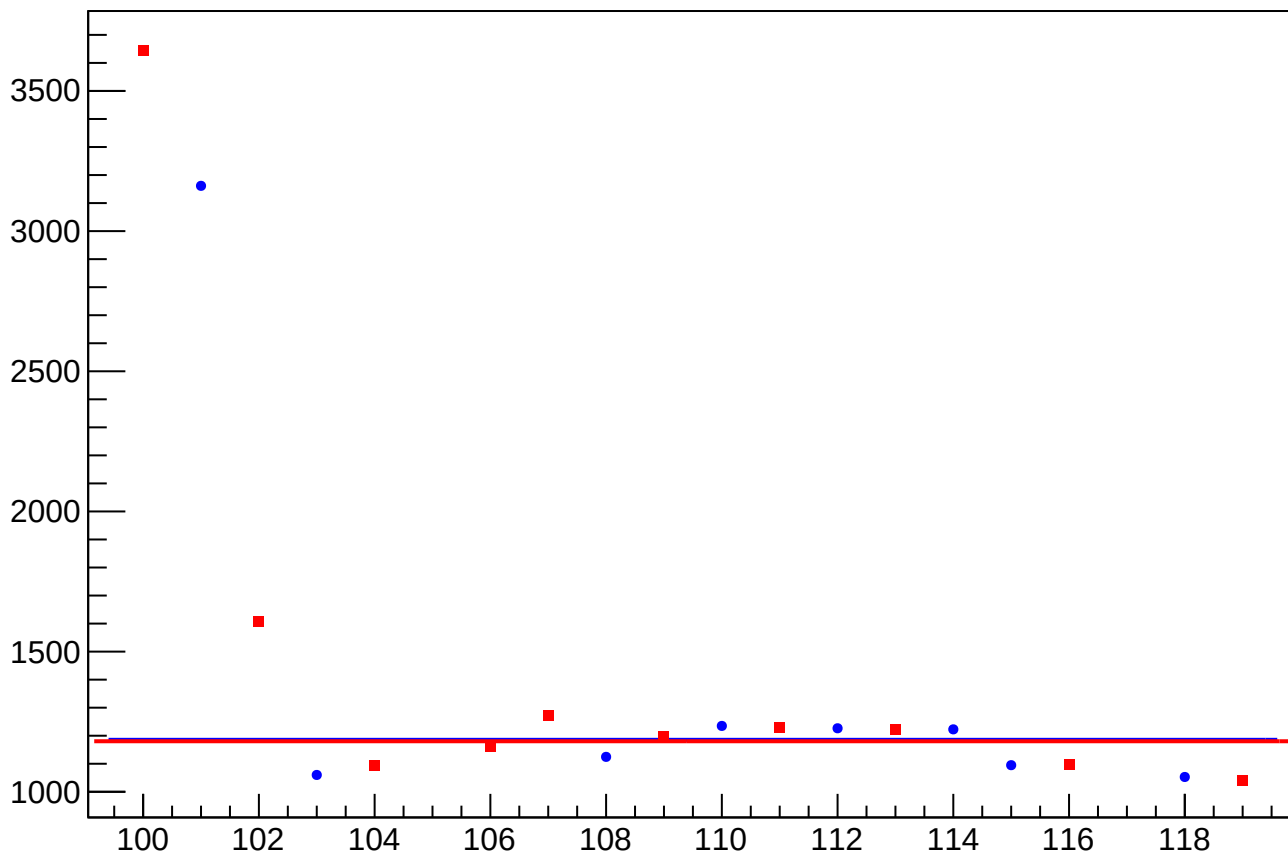
Right: 712.776+/-455.062 χ^2/NDF : 18.5/17

In: 345.677+/-681.499 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.776+/-455.062 χ^2/NDF : 18.5/17

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1185.362+/-0.482 χ^2/NDF : 552431.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.241+/-0.432 χ^2/NDF : 163187.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

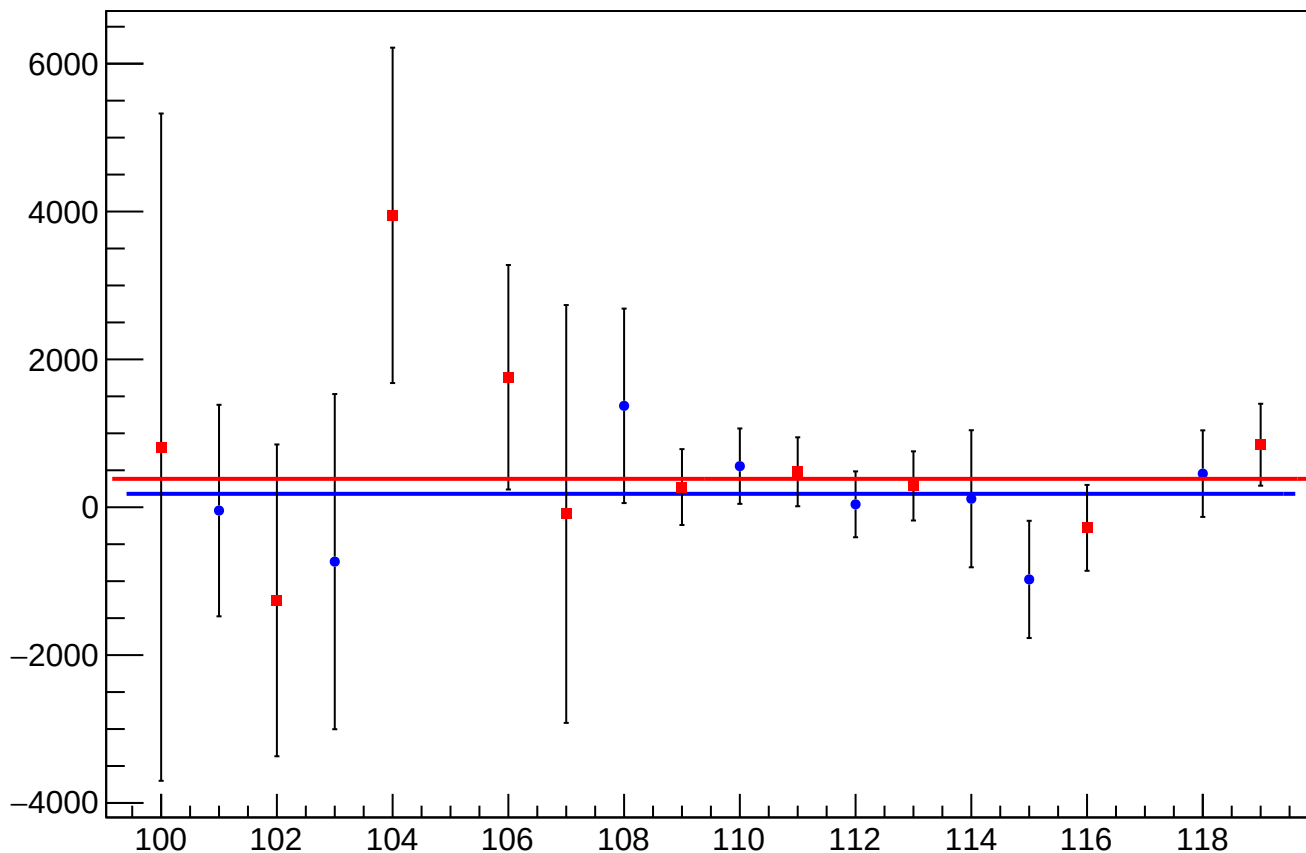
Right: 1182.524+/-0.322 χ^2/NDF : 715682.4/17

In: 1185.362+/-0.482 χ^2/NDF : 552431.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.524+/-0.322 χ^2/NDF : 715682.4/17

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 181.621+/-251.461 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.235+/-222.428 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

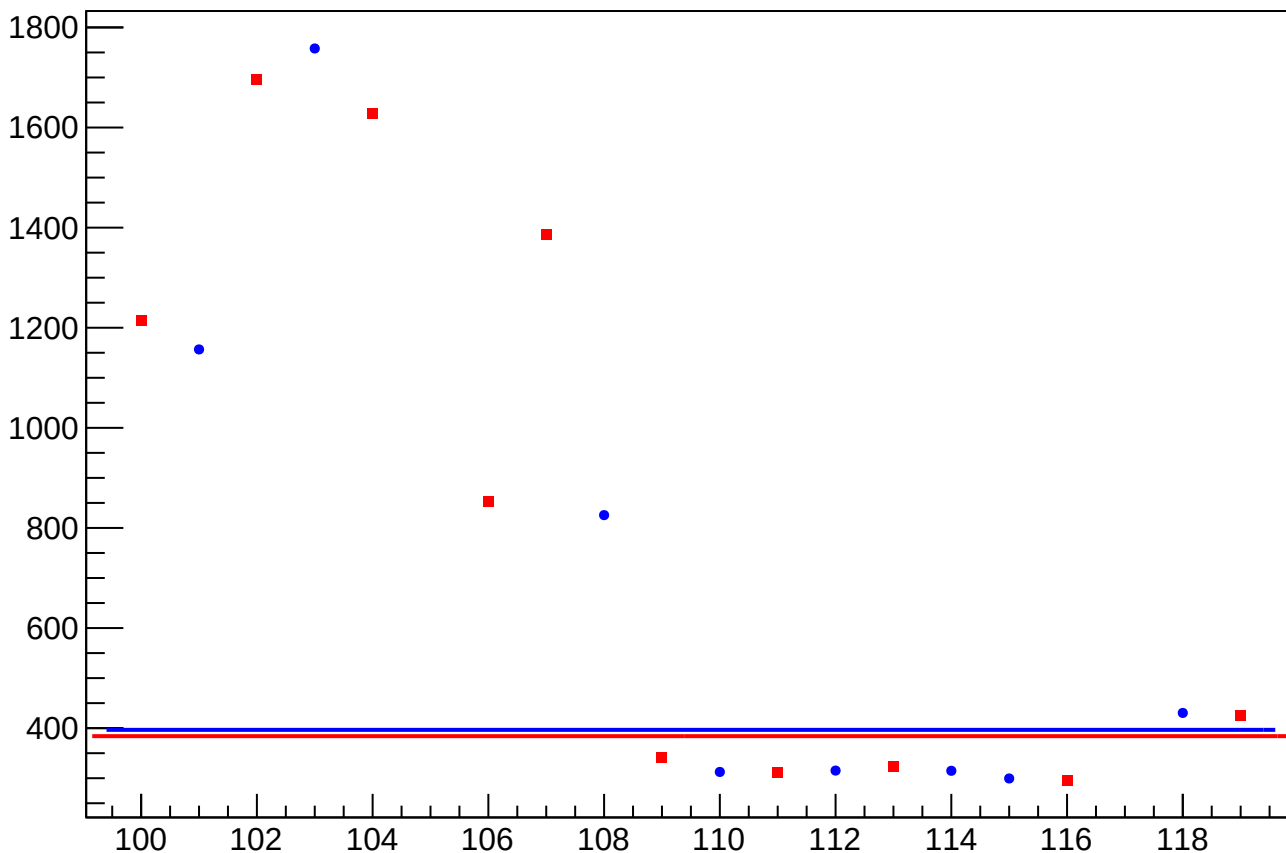
Right: 295.295+/-166.604 χ^2/NDF : 10.4/17

In: 181.621+/-251.461 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.295+/-166.604 χ^2/NDF : 10.4/17

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 396.624+/-0.178 χ^2/NDF : 1671687.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.027+/-0.157 χ^2/NDF : 2038068.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

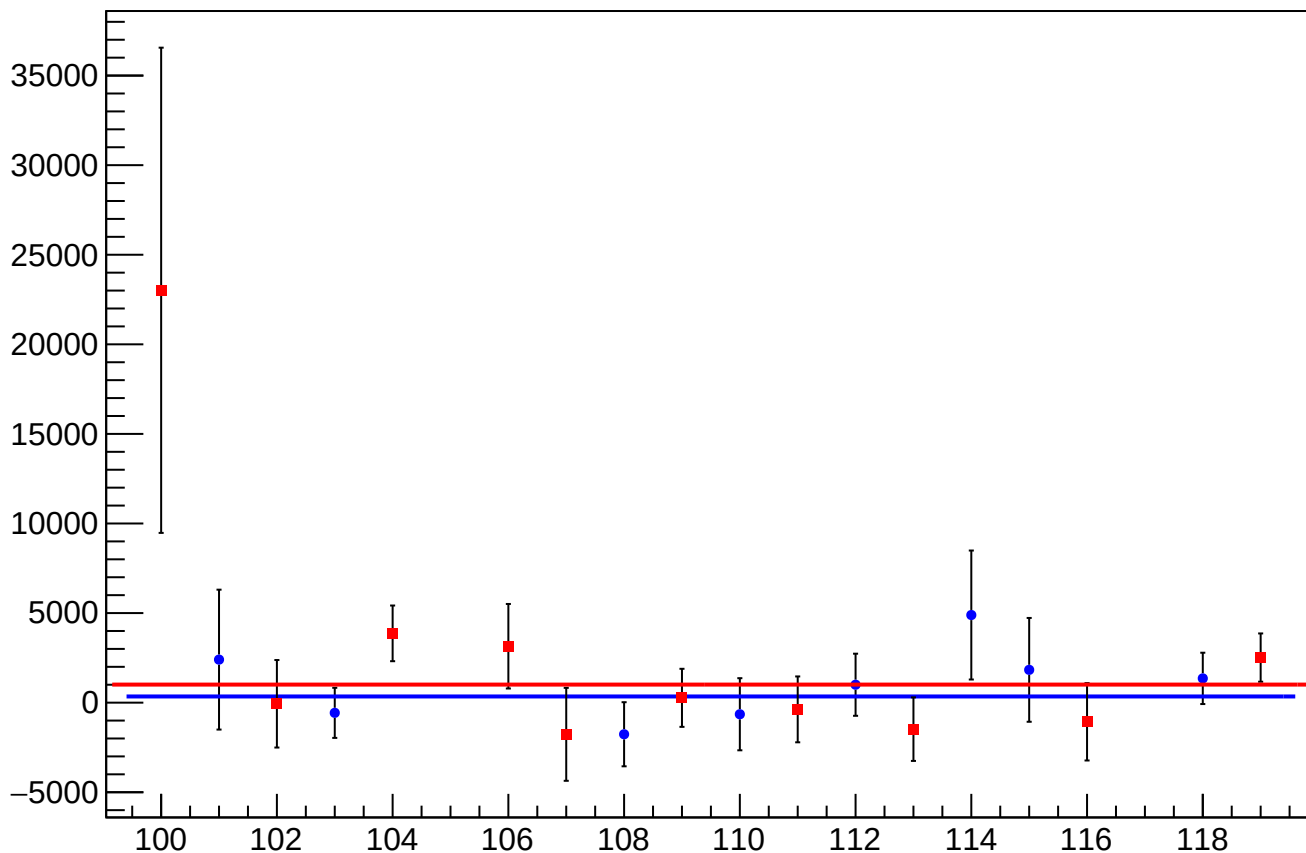
Right: 389.557+/-0.118 χ^2/NDF : 3712571.7/17

In: 396.624+/-0.178 χ^2/NDF : 1671687.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.557+/-0.118 χ^2/NDF : 3712571.7/17

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 345.672+/-681.499 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1008.155+/-611.317 χ^2/NDF : 13.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

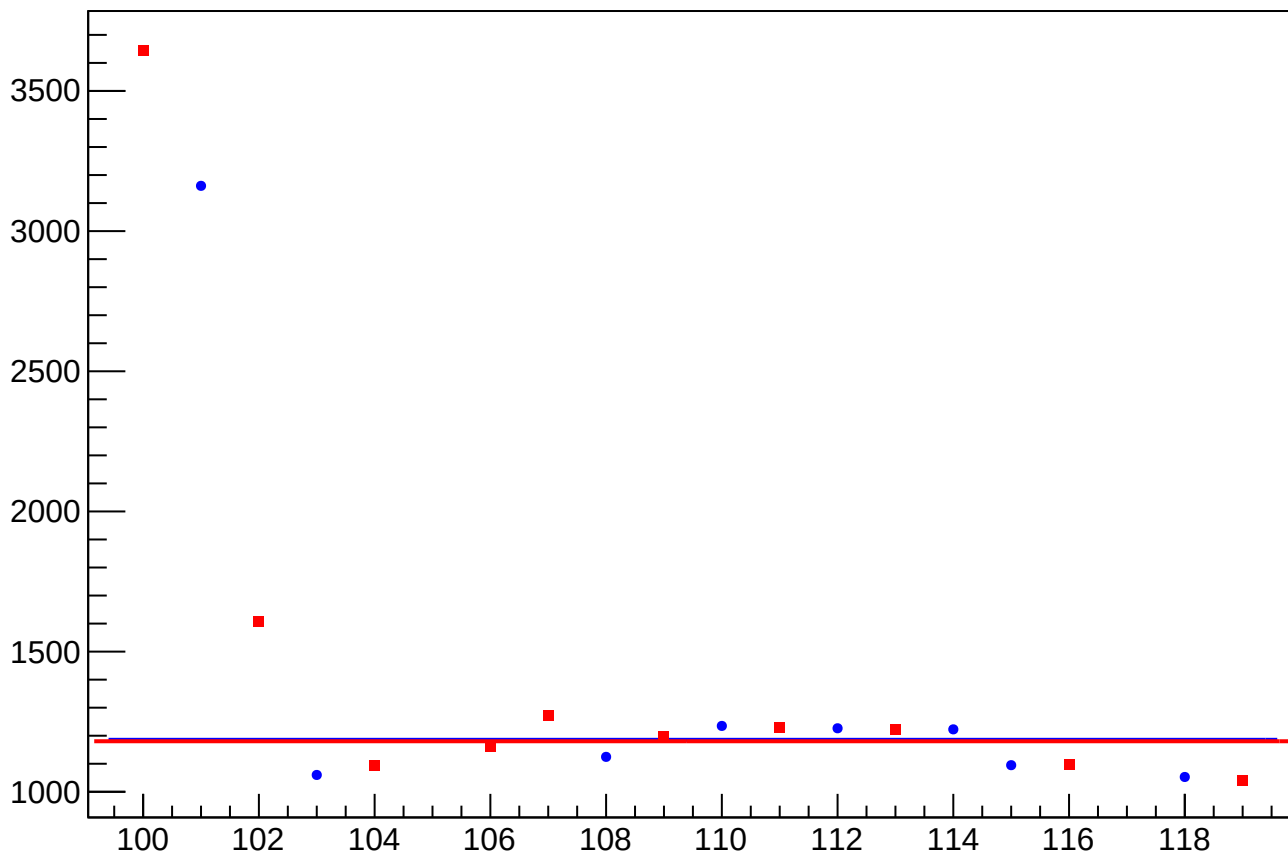
Right: 712.772+/-455.062 χ^2/NDF : 18.5/17

In: 345.672+/-681.499 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 712.772+/-455.062 χ^2/NDF : 18.5/17

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1185.362+/-0.482 χ^2/NDF : 552431.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1180.241+/-0.432 χ^2/NDF : 163187.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

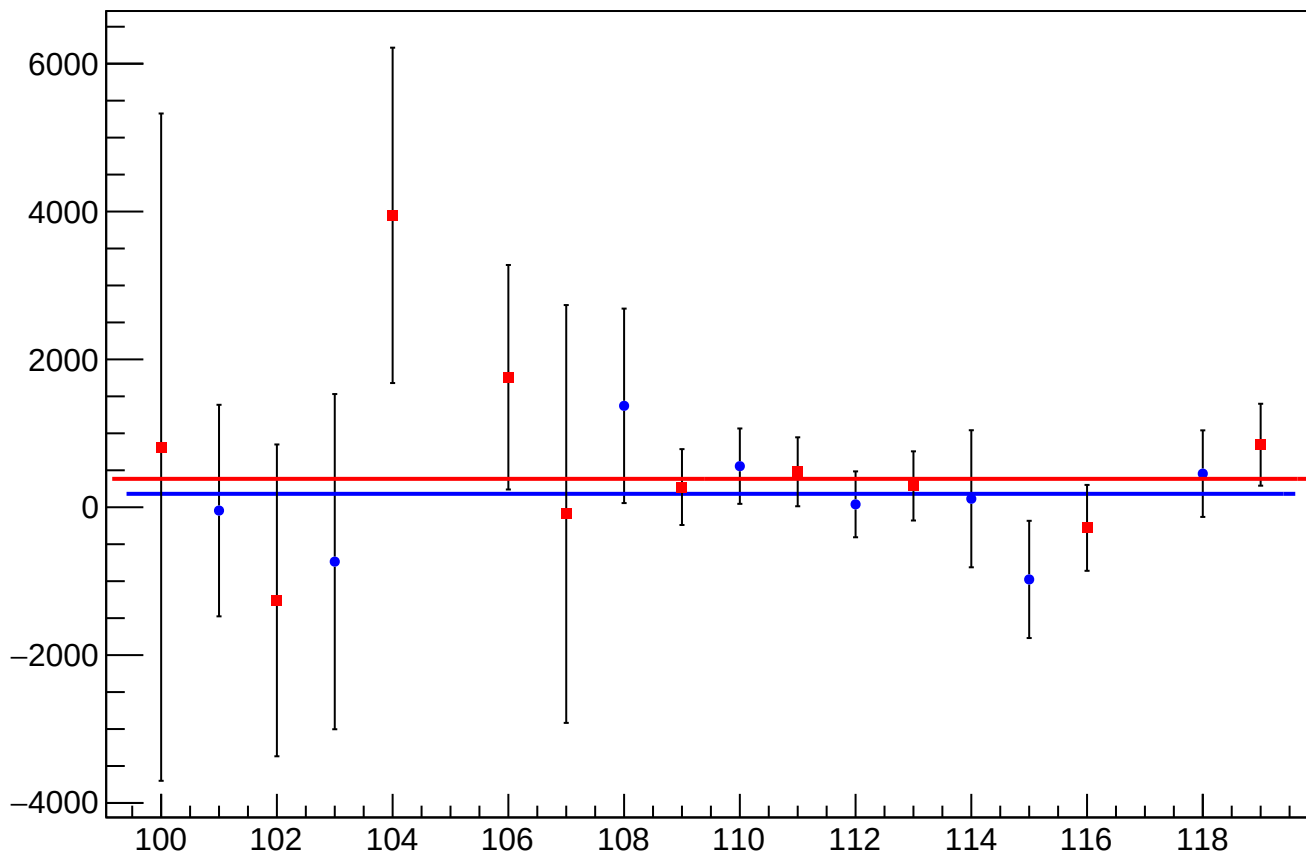
Right: 1182.524+/-0.322 χ^2/NDF : 715682.4/17

In: 1185.362+/-0.482 χ^2/NDF : 552431.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.524+/-0.322 χ^2/NDF : 715682.4/17

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 181.615+/-251.460 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.230+/-222.426 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

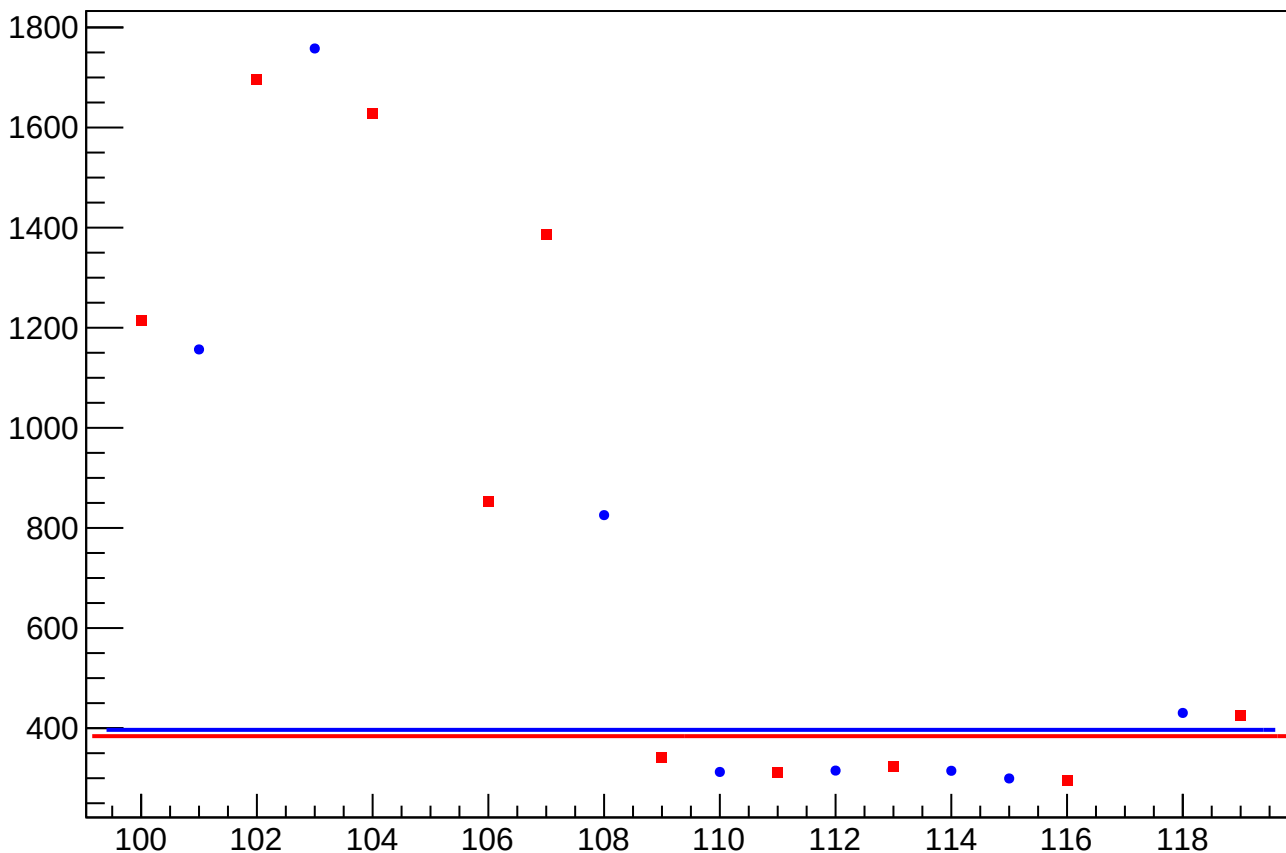
Right: 295.290+/-166.603 χ^2/NDF : 10.4/17

In: 181.615+/-251.460 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.290+/-166.603 χ^2/NDF : 10.4/17

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 396.622+/-0.178 χ^2/NDF : 1671692.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.024+/-0.157 χ^2/NDF : 2038081.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

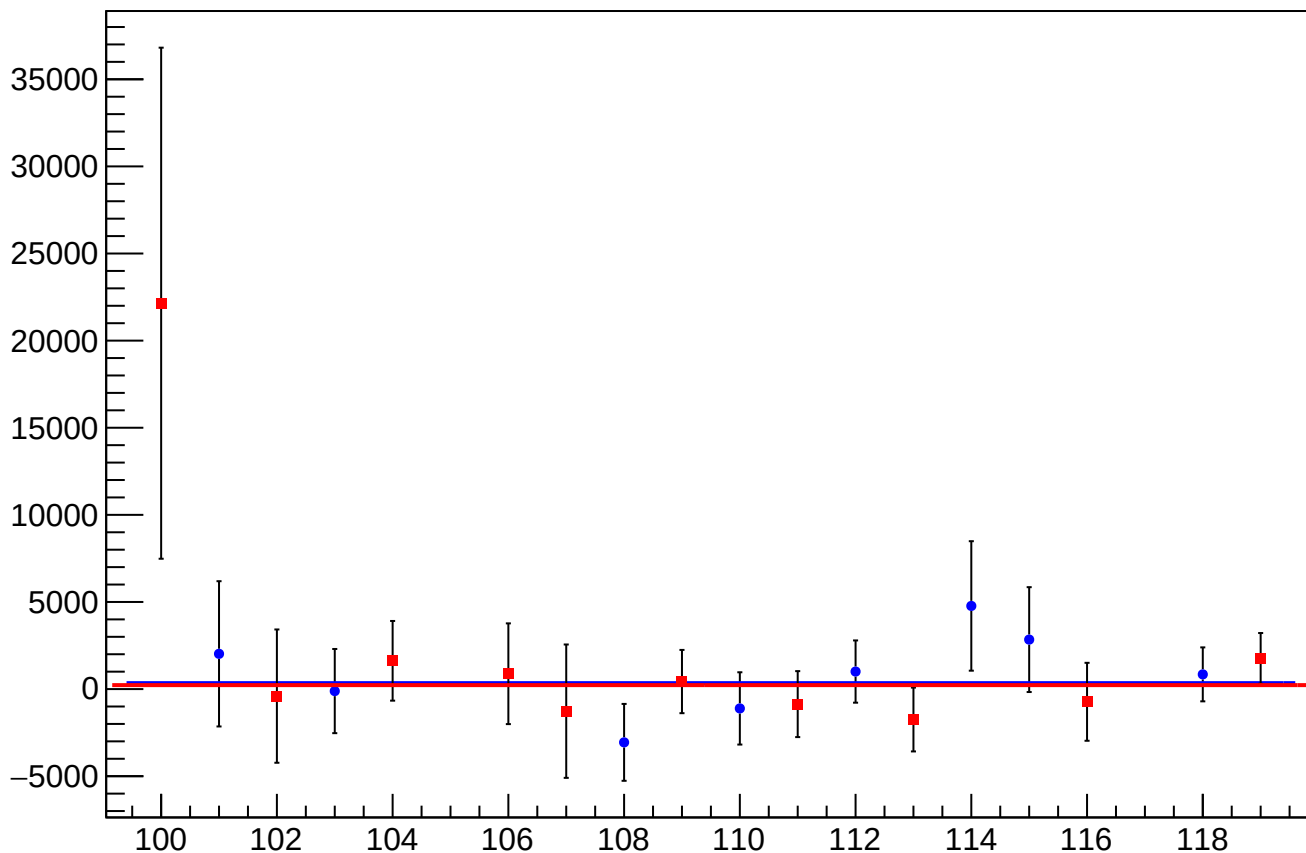
Right: 389.554+/-0.118 χ^2/NDF : 3712590.0/17

In: 396.622+/-0.178 χ^2/NDF : 1671692.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.554+/-0.118 χ^2/NDF : 3712590.0/17

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 340.249+/-795.563 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.473+/-706.693 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

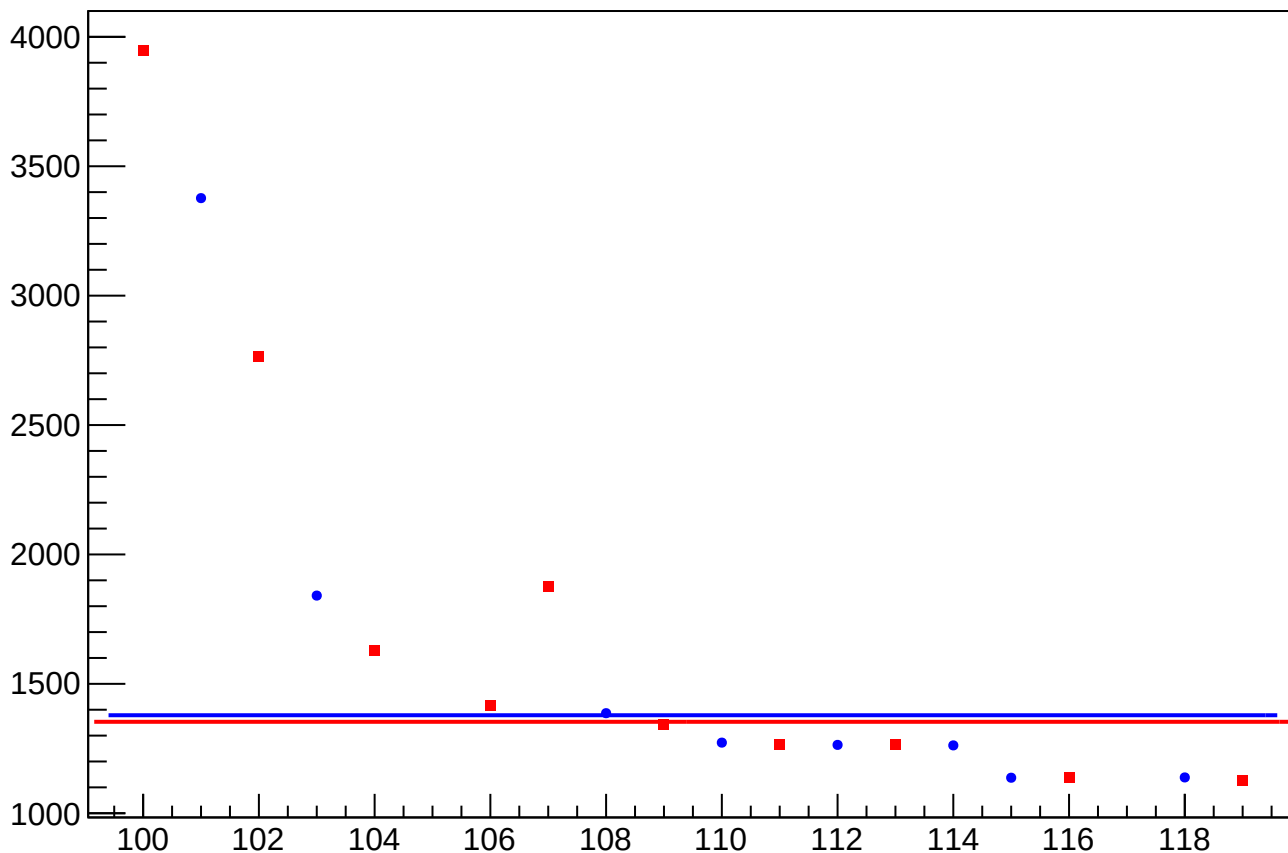
Right: 277.212+/-528.345 χ^2/NDF : 11.1/17

In: 340.249+/-795.563 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.212+/-528.345 χ^2/NDF : 11.1/17

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1378.701+/-0.563 χ^2/NDF : 609194.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.352+/-0.500 χ^2/NDF : 478320.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

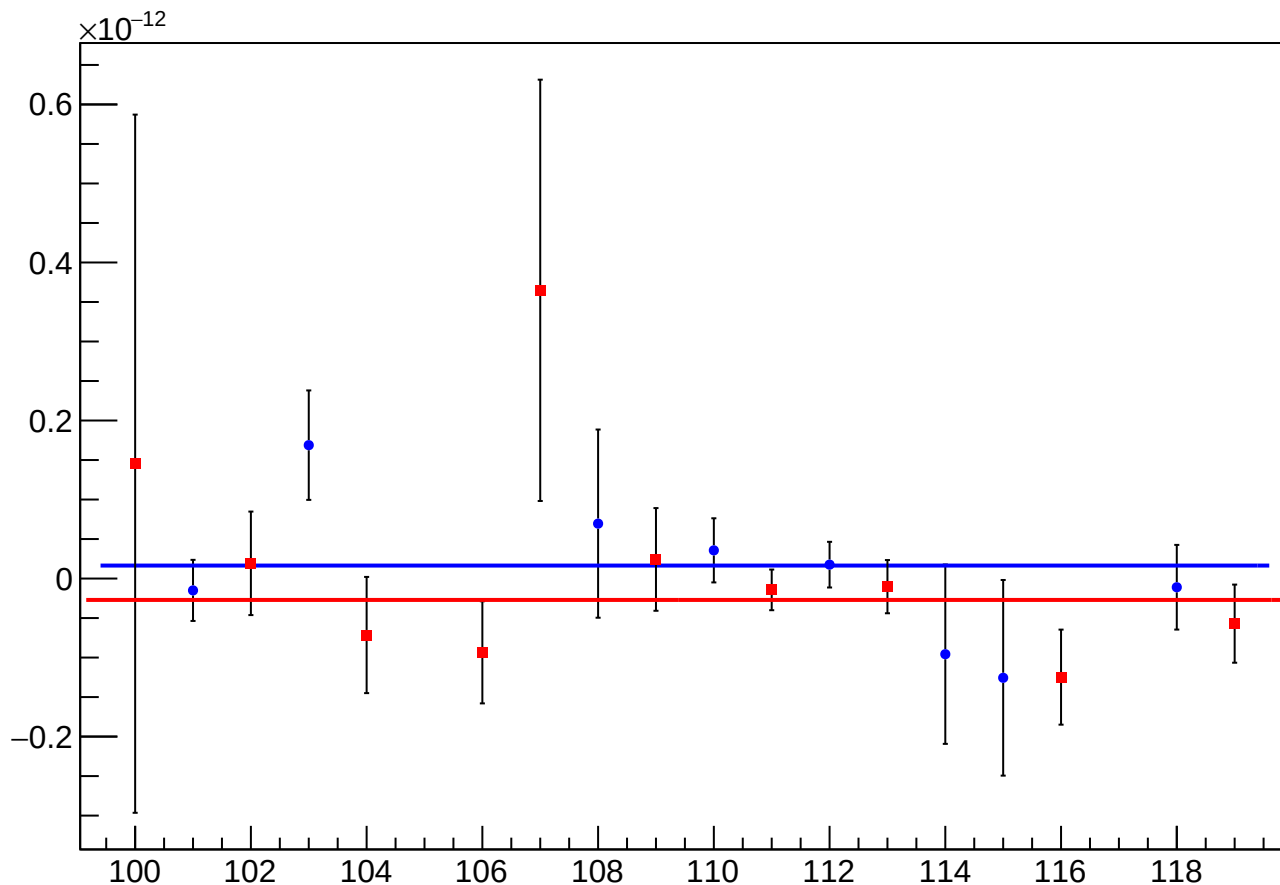
Right: 1364.532+/-0.374 χ^2/NDF : 1088649.2/17

In: 1378.701+/-0.563 χ^2/NDF : 609194.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.532+/-0.374 χ^2/NDF : 1088649.2/17

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

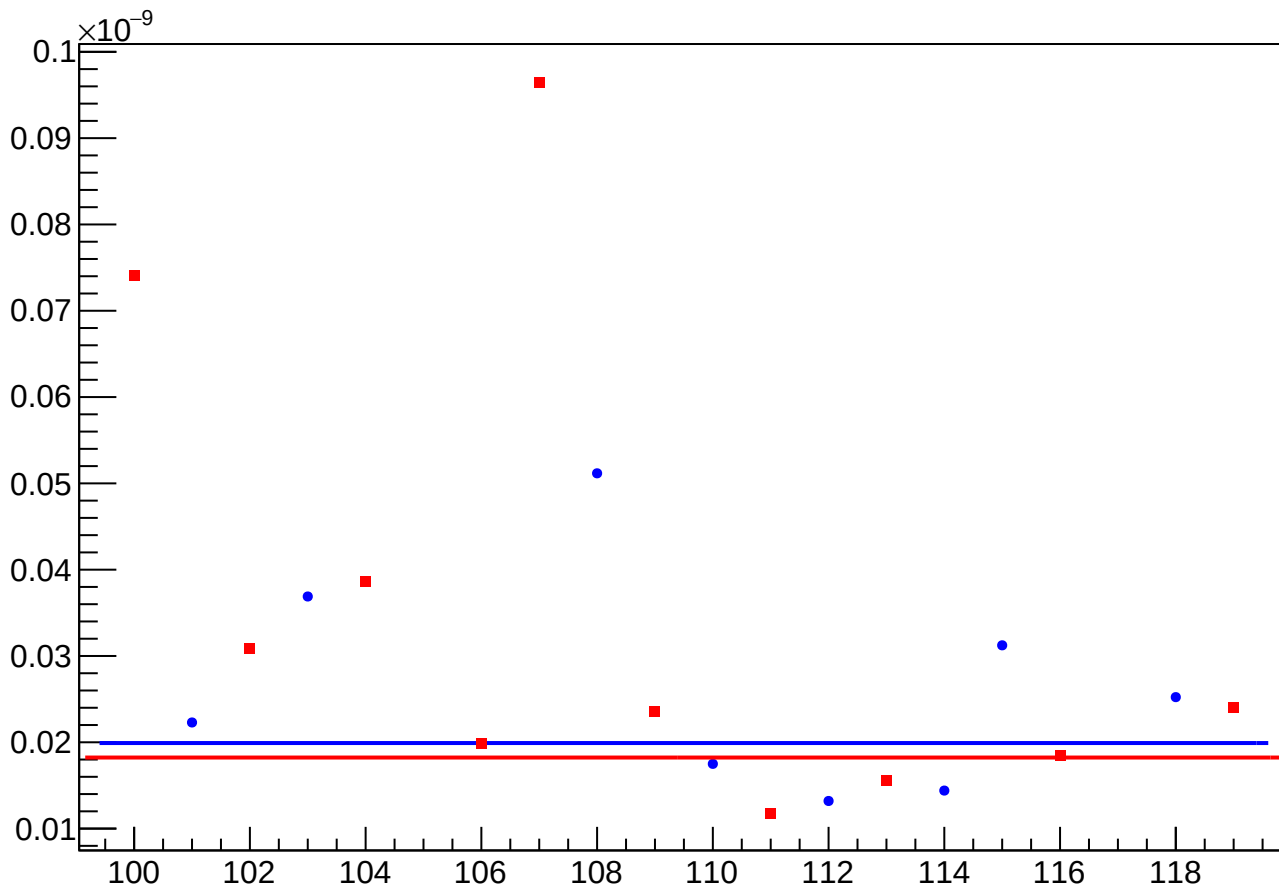
Right: -0.000+/-0.000 χ^2/NDF : 20.2/17

In: 0.000+/-0.000 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.2/17

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 421689.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 613351.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

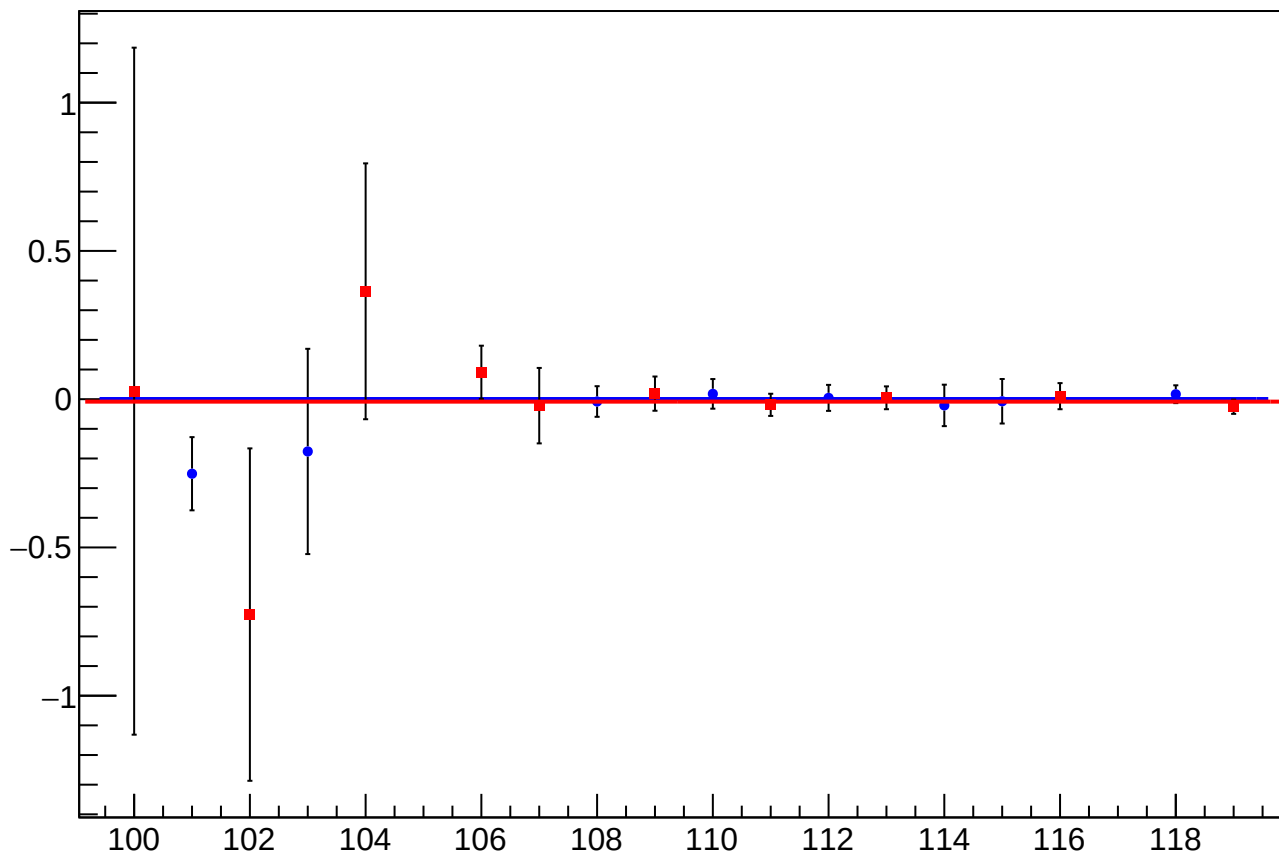
Right: 0.000+/-0.000 χ^2/NDF : 1045136.1/17

In: 0.000+/-0.000 χ^2/NDF : 421689.0/7

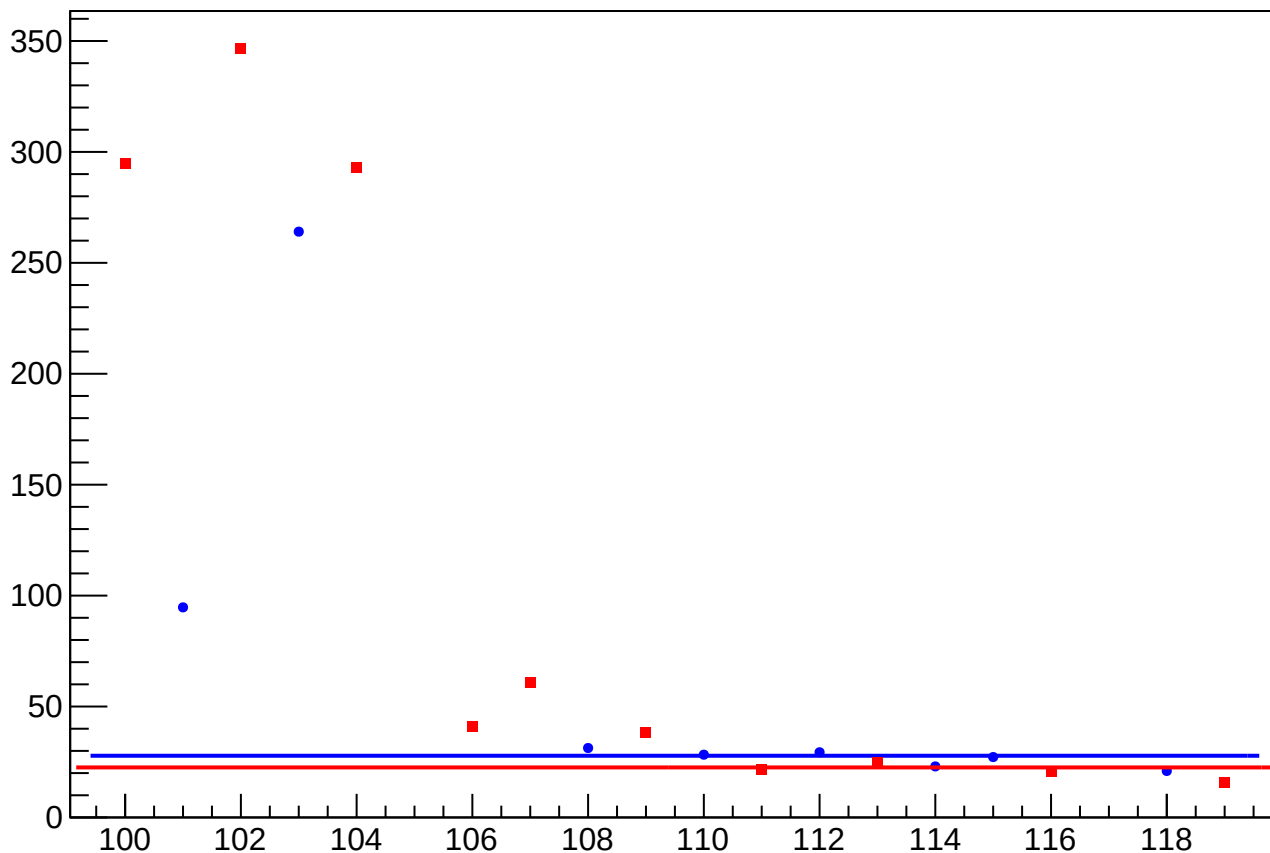
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1045136.1/17

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.814+/-0.013 χ^2/NDF : 1644624.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.551+/-0.011 χ^2/NDF : 2164952.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

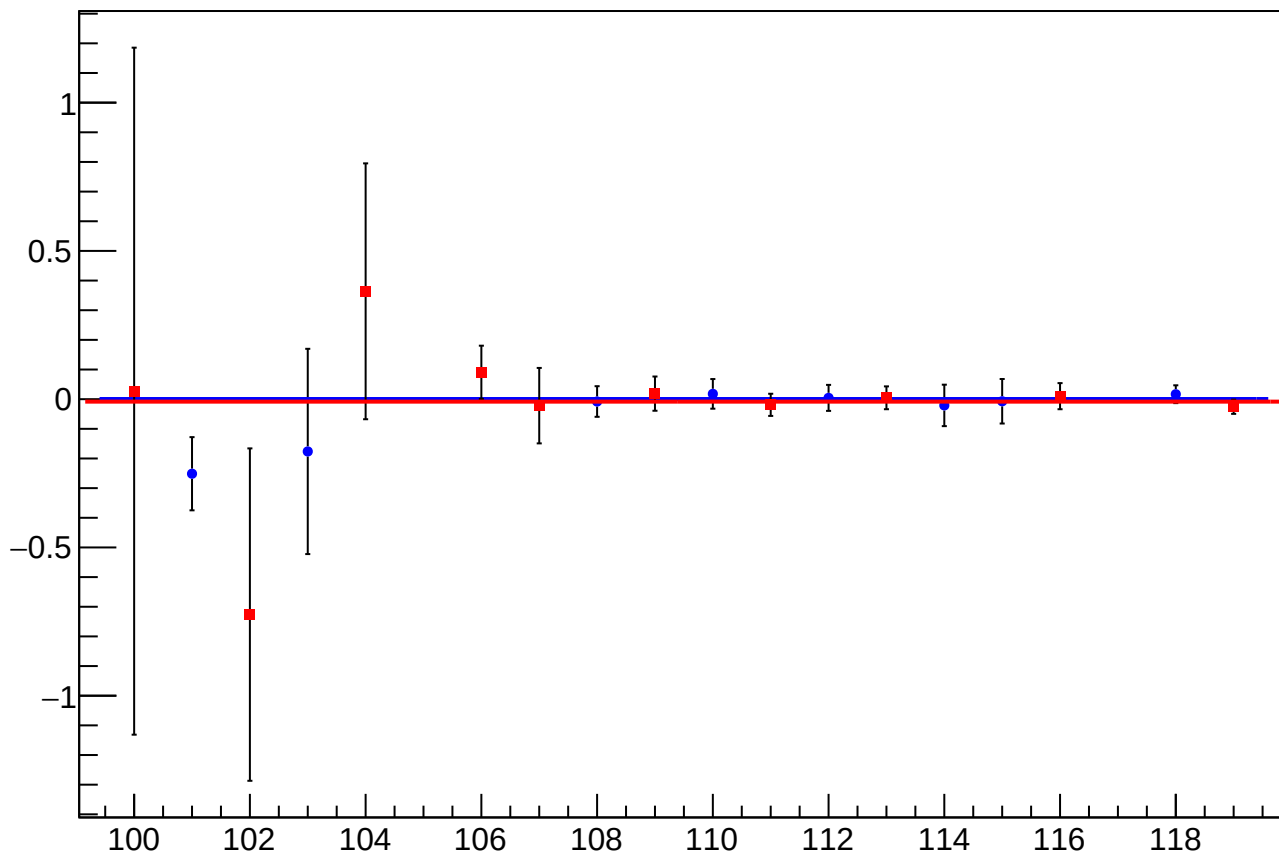
Right: 24.701+/-0.008 χ^2/NDF : 3903245.5/17

In: 27.814+/-0.013 χ^2/NDF : 1644624.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.701+/-0.008 χ^2/NDF : 3903245.5/17

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.019 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

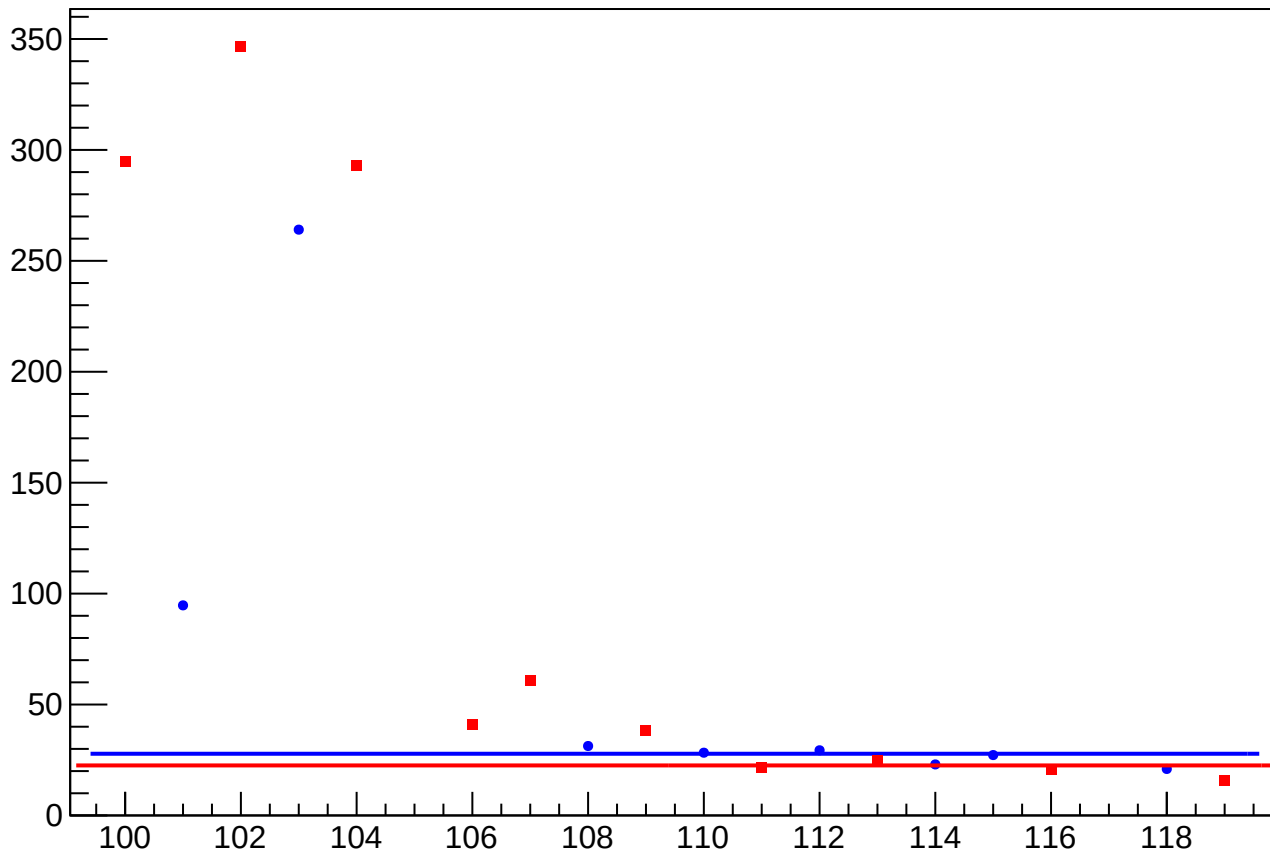
Right: -0.005+/-0.012 χ^2/NDF : 9.8/17

In: 0.001+/-0.019 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.012 χ^2/NDF : 9.8/17

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.814+/-0.013 χ^2/NDF : 1644624.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.551+/-0.011 χ^2/NDF : 2164952.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

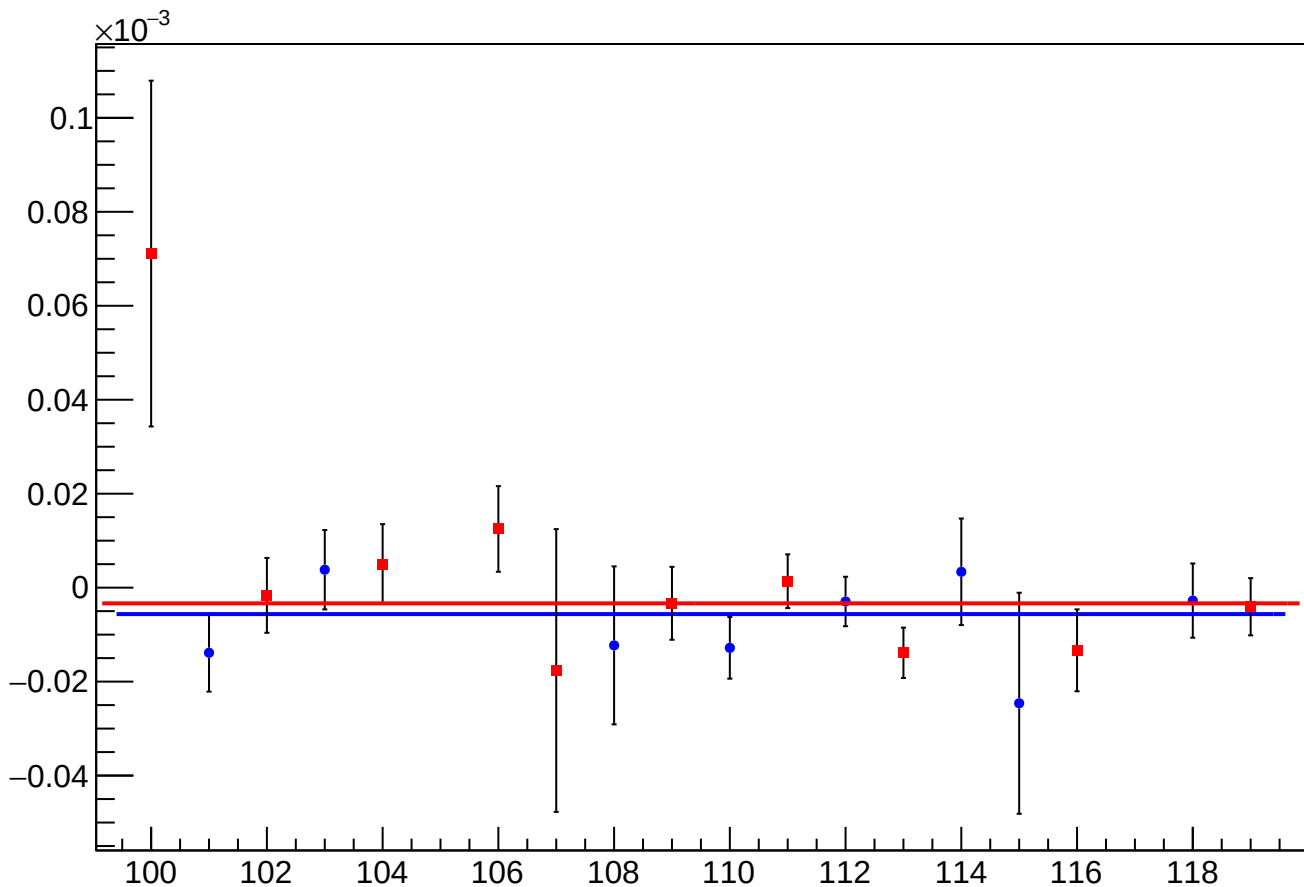
Right: 24.701+/-0.008 χ^2/NDF : 3903245.5/17

In: 27.814+/-0.013 χ^2/NDF : 1644624.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.701+/-0.008 χ^2/NDF : 3903245.5/17

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 : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

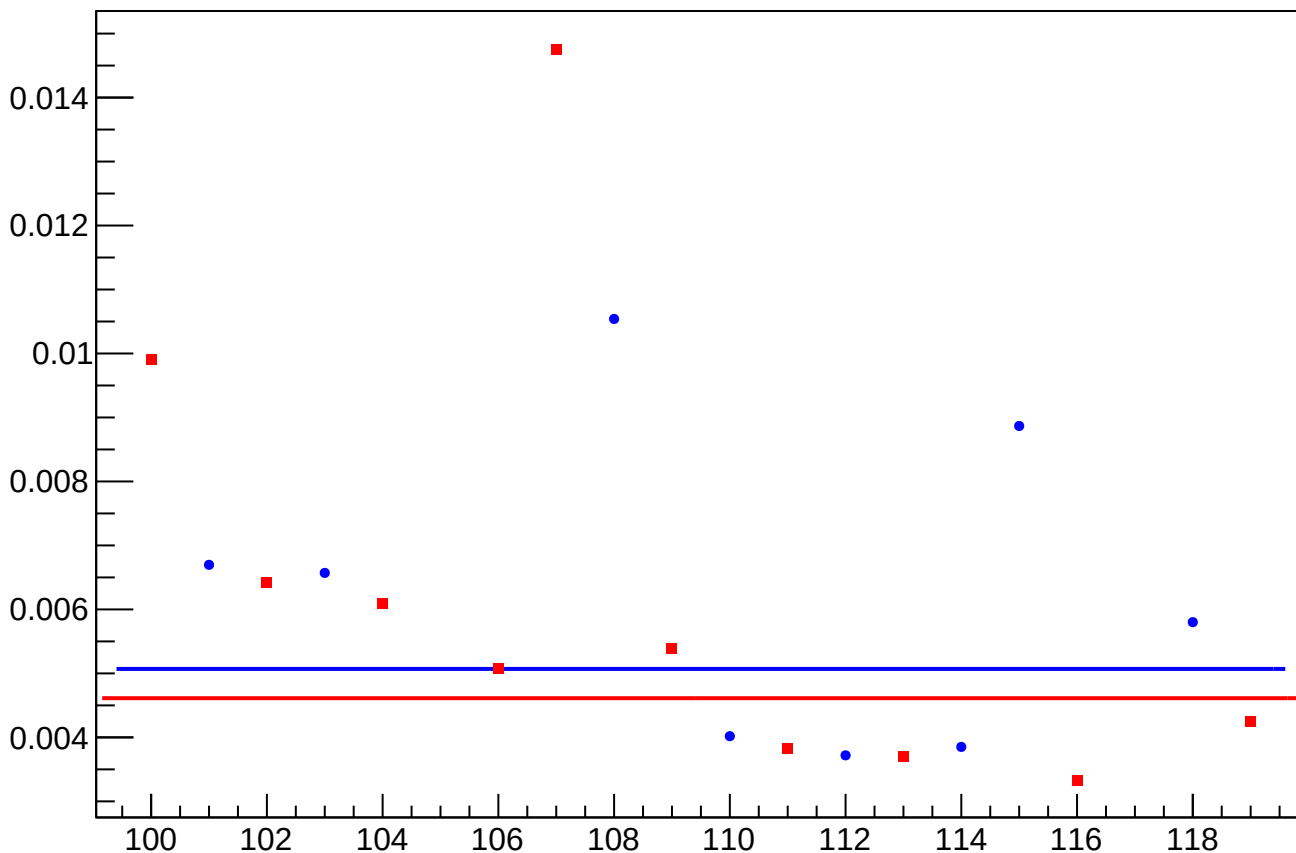
Right: -0.000+/-0.000 χ^2/NDF : 19.8/17

In: -0.000+/-0.000 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/17

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 627686.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 605093.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

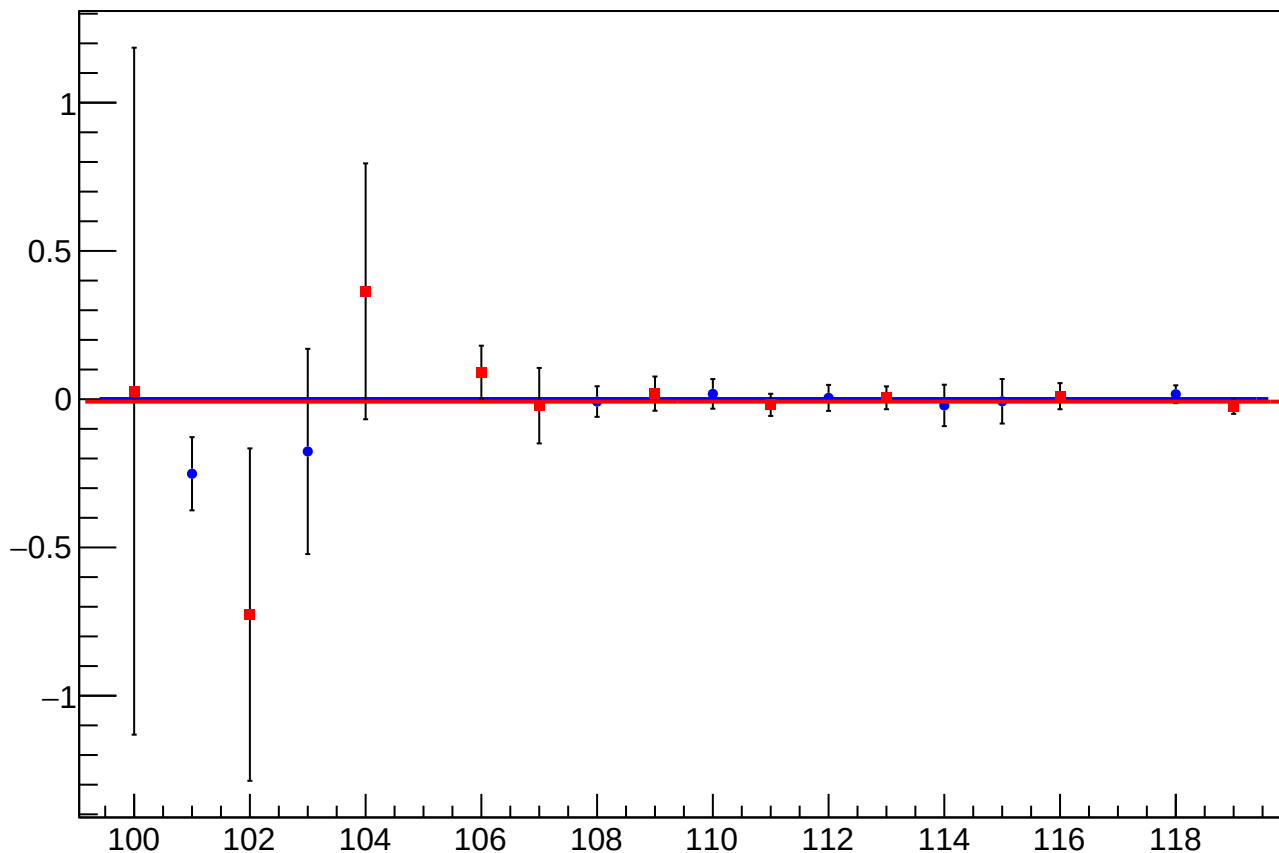
Right: 0.005+/-0.000 χ^2/NDF : 1261516.1/17

In: 0.005+/-0.000 χ^2/NDF : 627686.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1261516.1/17

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.019 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.008+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

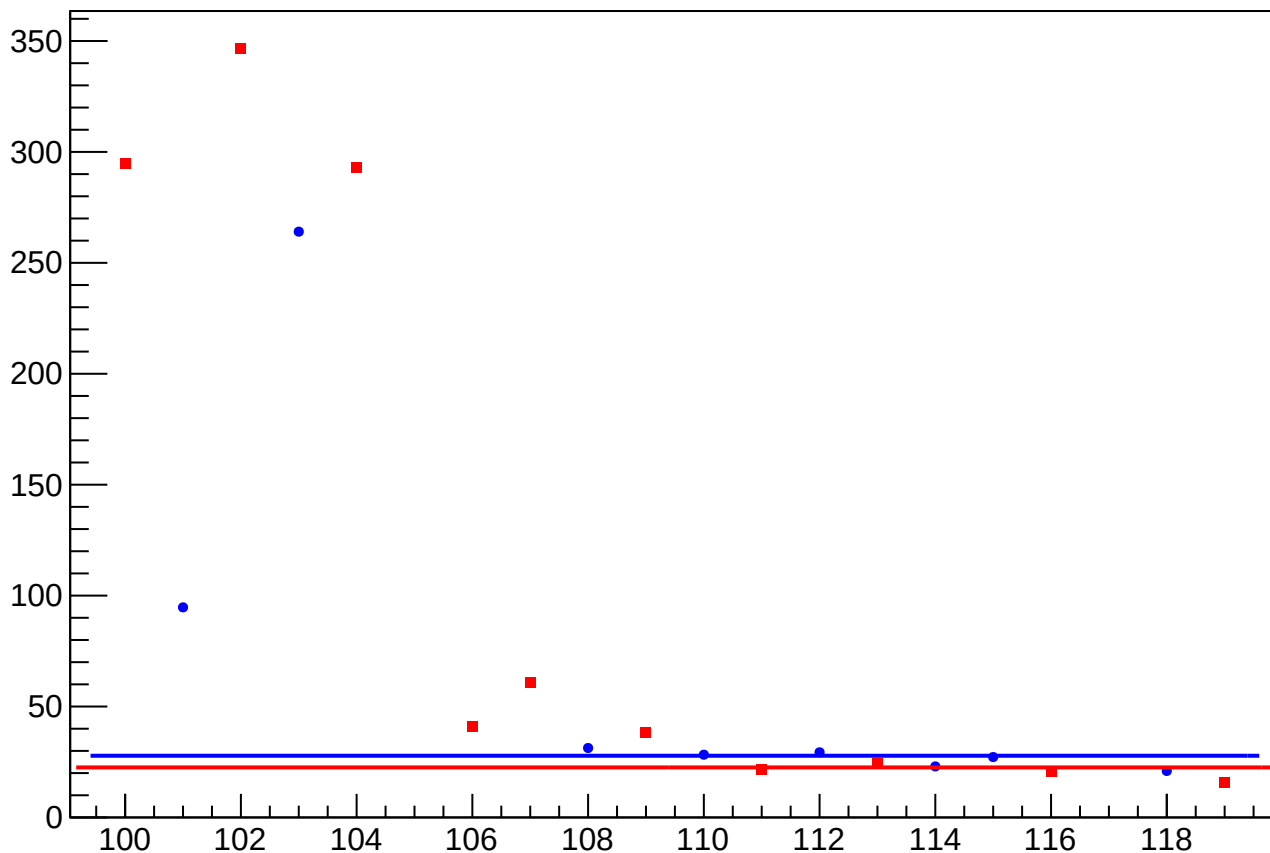
Right: -0.005+/-0.012 χ^2/NDF : 9.8/17

In: 0.001+/-0.019 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.012 χ^2/NDF : 9.8/17

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.814+/-0.013 χ^2/NDF : 1644645.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.548+/-0.011 χ^2/NDF : 2165157.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

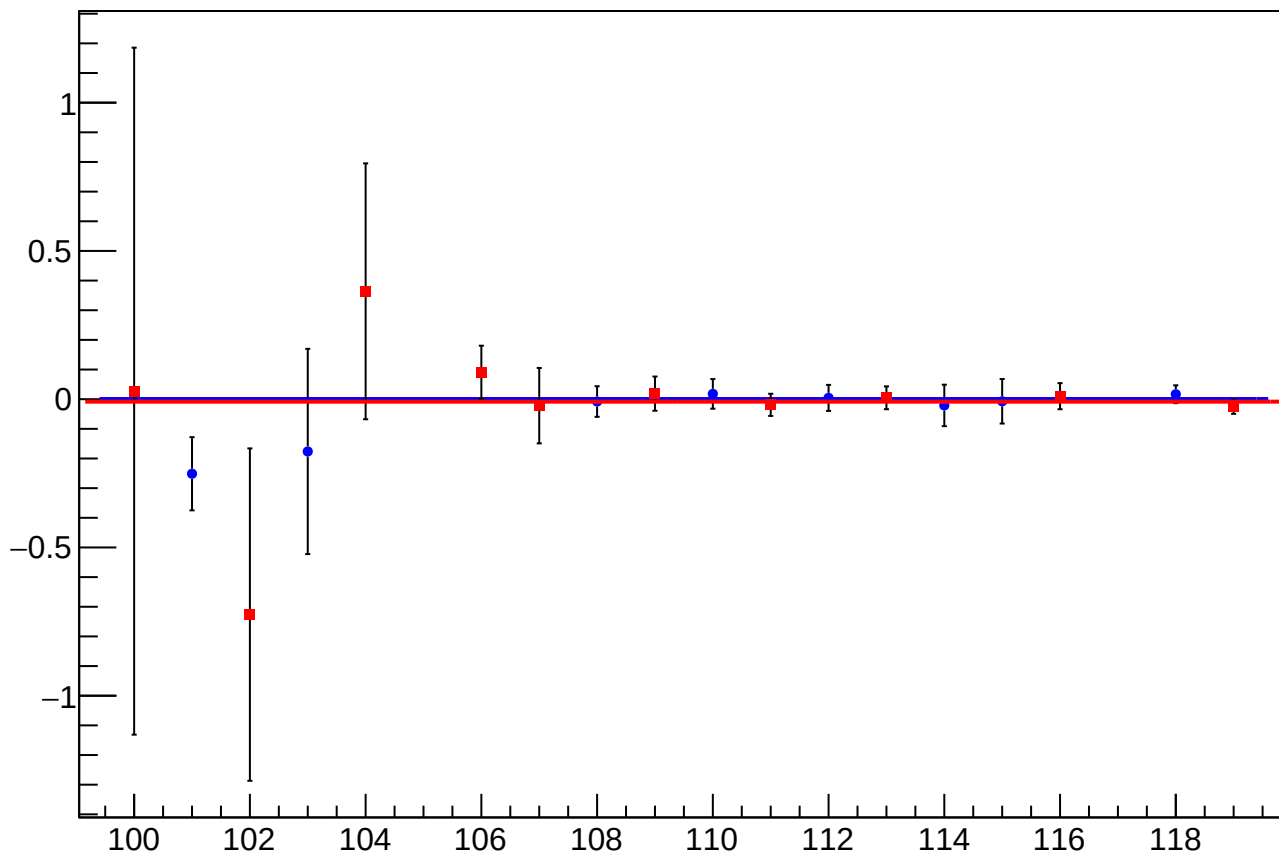
Right: 24.699+/-0.008 χ^2/NDF : 3903576.0/17

In: 27.814+/-0.013 χ^2/NDF : 1644645.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.699+/-0.008 χ^2/NDF : 3903576.0/17

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.019 χ^2 /NDF: 5.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.016 χ^2 /NDF: 4.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

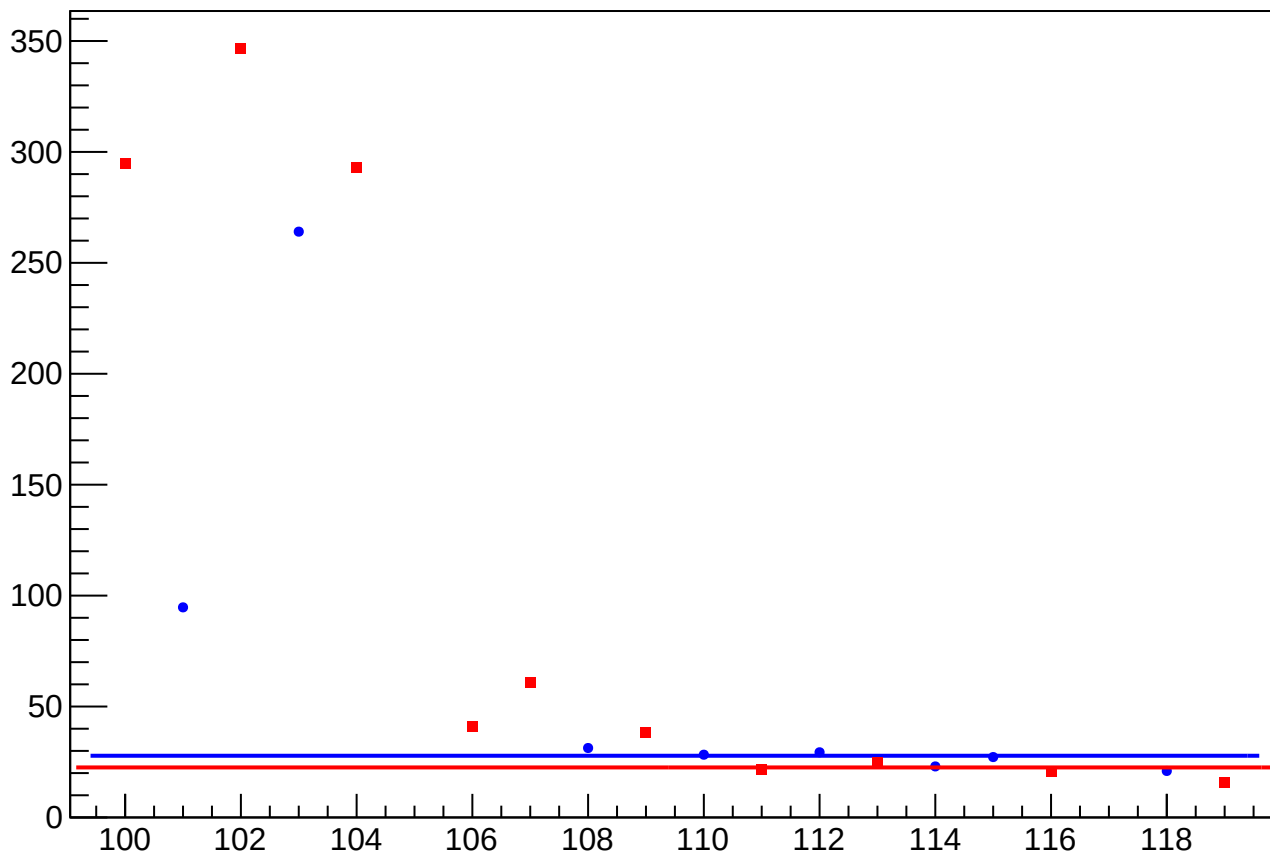
Right: -0.005 $\pm$ 0.012 χ^2 /NDF: 9.8/17

In: 0.001 $\pm$ 0.019 χ^2 /NDF:5.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 9.8/17

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.814+/-0.013 χ^2/NDF : 1644645.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.548+/-0.011 χ^2/NDF : 2165157.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

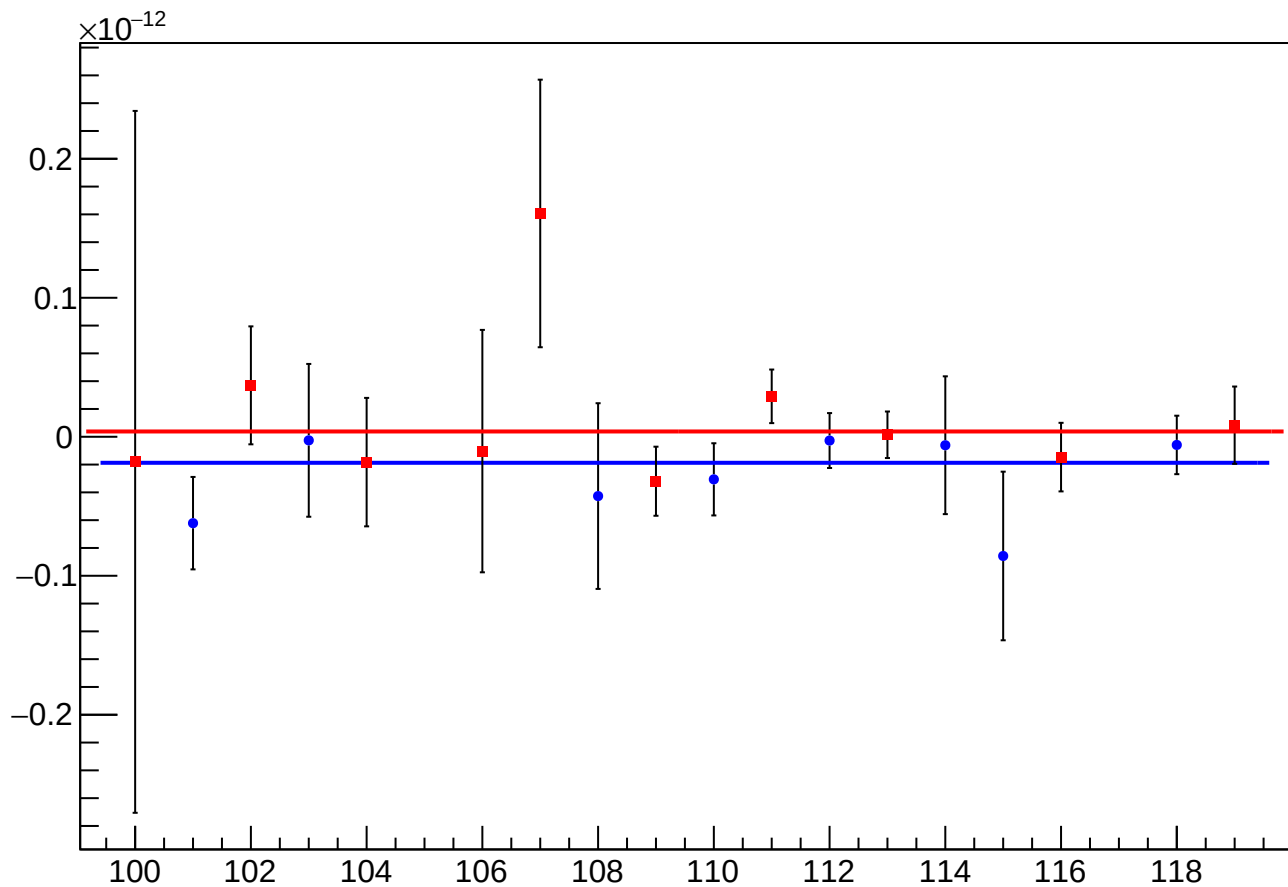
Right: 24.699+/-0.008 χ^2/NDF : 3903576.0/17

In: 27.814+/-0.013 χ^2/NDF : 1644645.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.699+/-0.008 χ^2/NDF : 3903576.0/17

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 : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

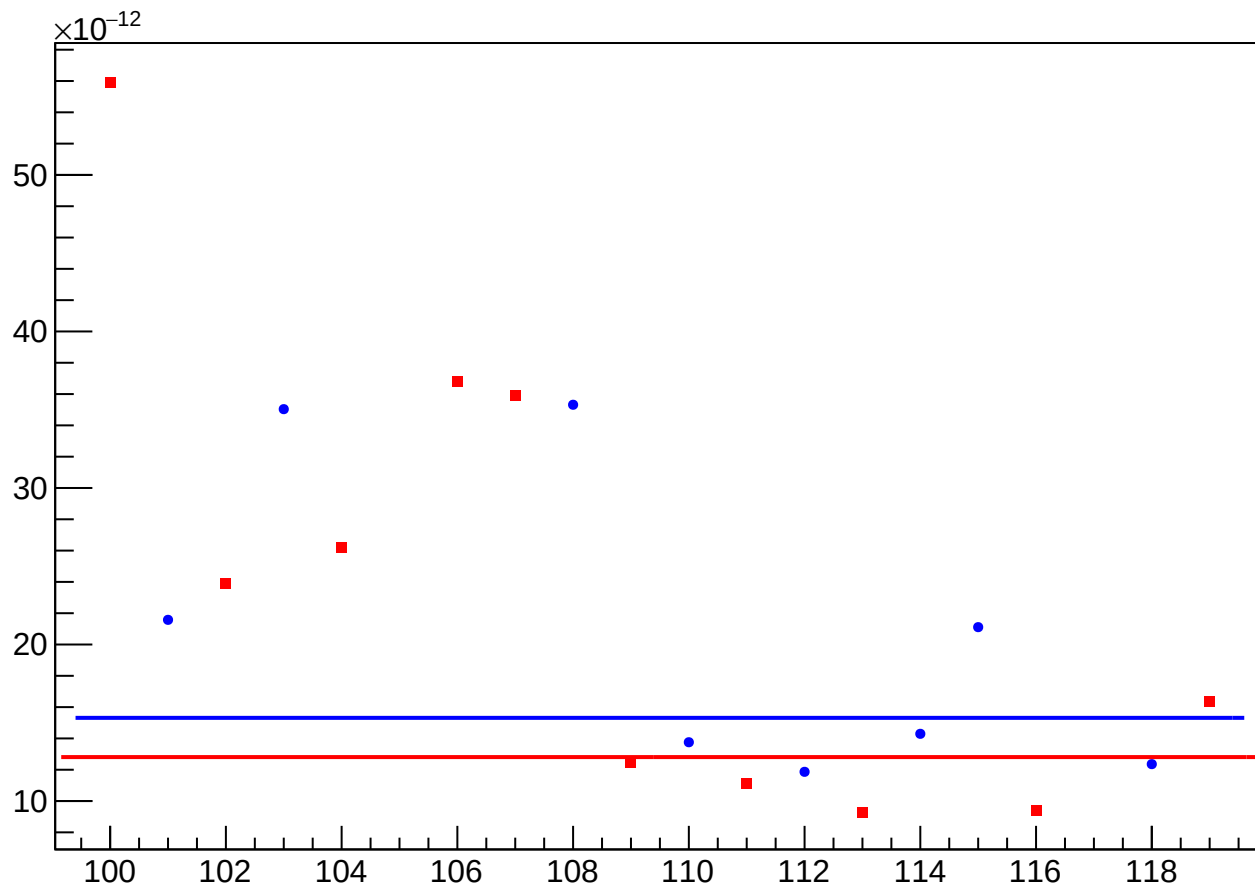
Right: -0.000+/-0.000 χ^2/NDF : 14.9/17

In: -0.000+/-0.000 χ^2/NDF :4.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.9/17

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 : 634401.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 806185.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

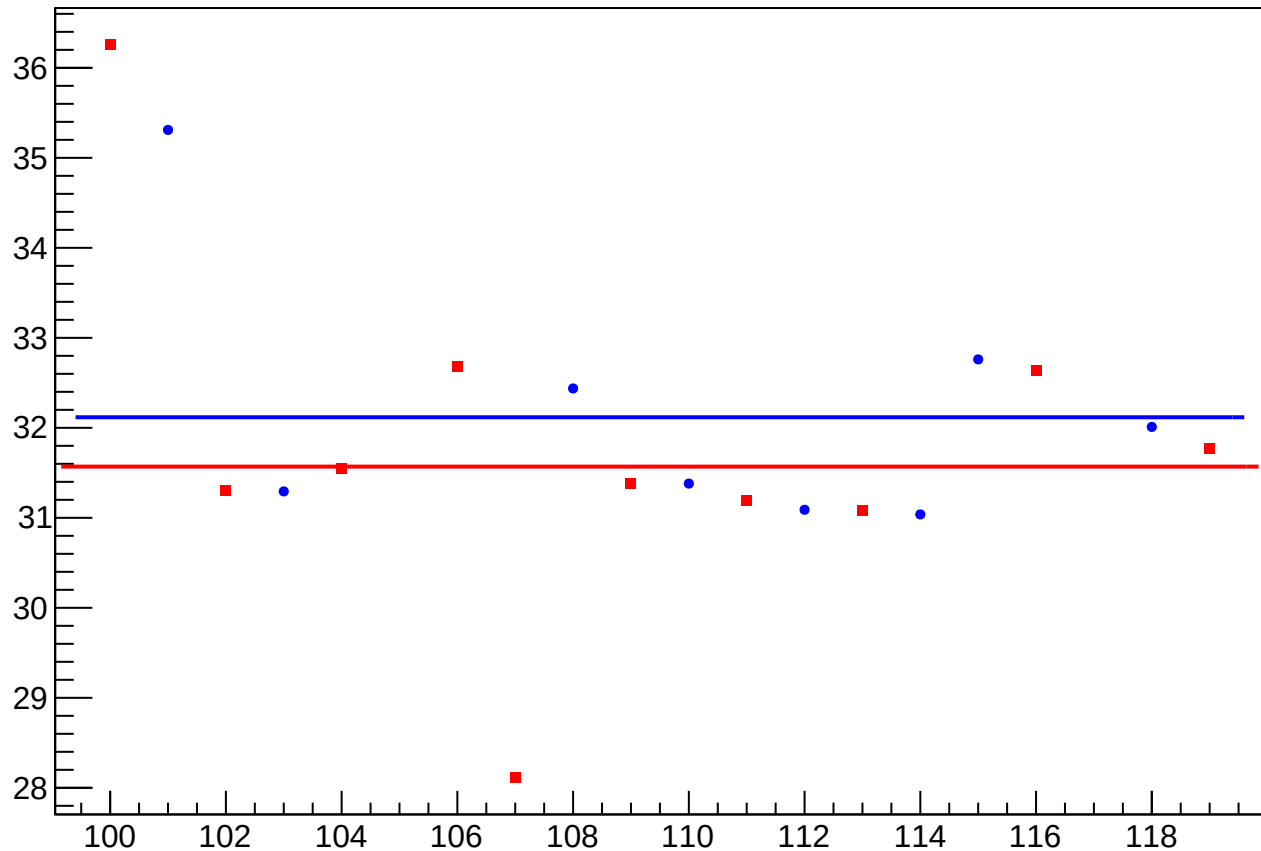
Right: 0.000+/-0.000 χ^2/NDF : 1503084.3/17

In: 0.000+/-0.000 χ^2/NDF : 634401.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1503084.3/17

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.117+/-0.000 χ^2/NDF : 804883223.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.569+/-0.000 χ^2/NDF : 327896939.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

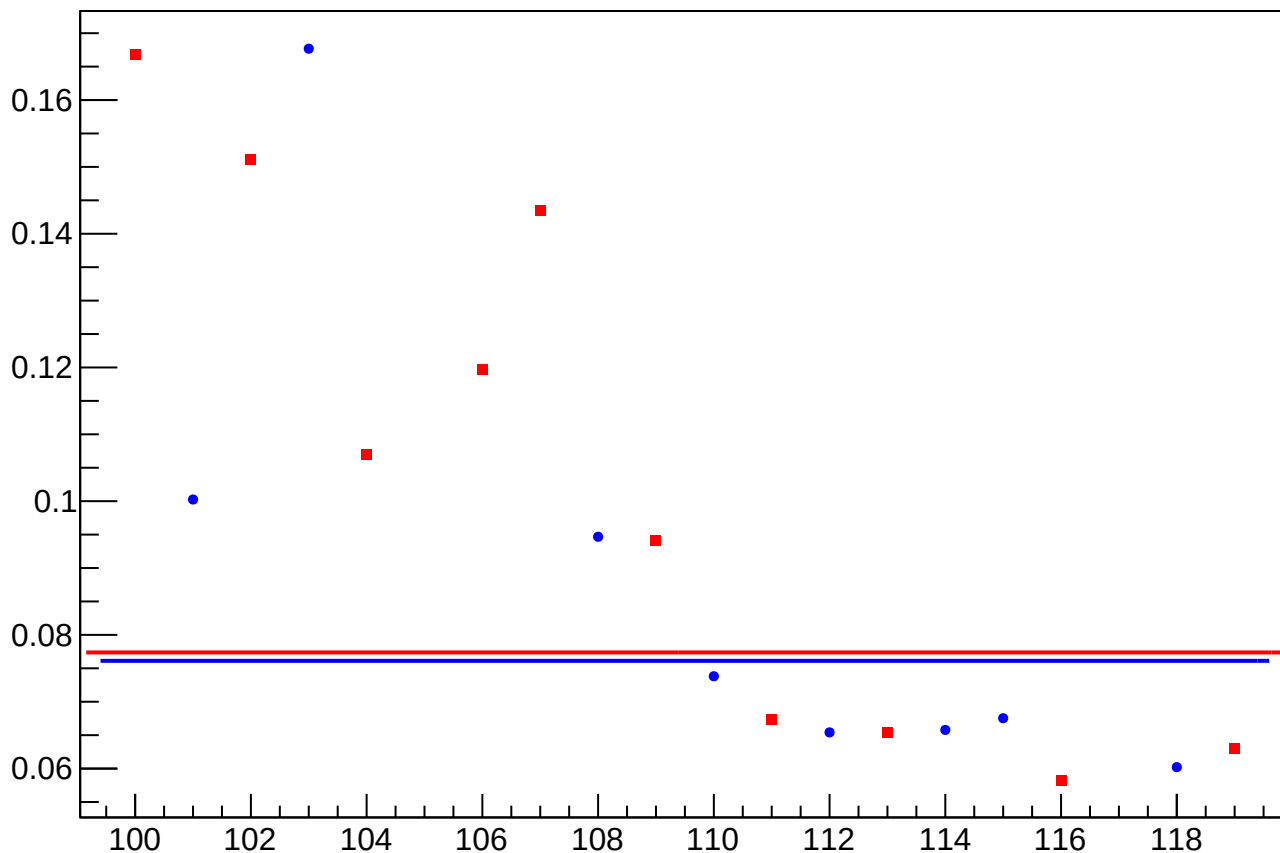
Right: 31.822+/-0.000 χ^2/NDF : 1210383681.9/17

In: 32.117+/-0.000 χ^2/NDF :804883223.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 31.822+/-0.000 χ^2/NDF : 1210383681.9/17

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.076+/-0.000 χ^2/NDF : 549918.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.077+/-0.000 χ^2/NDF : 728763.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

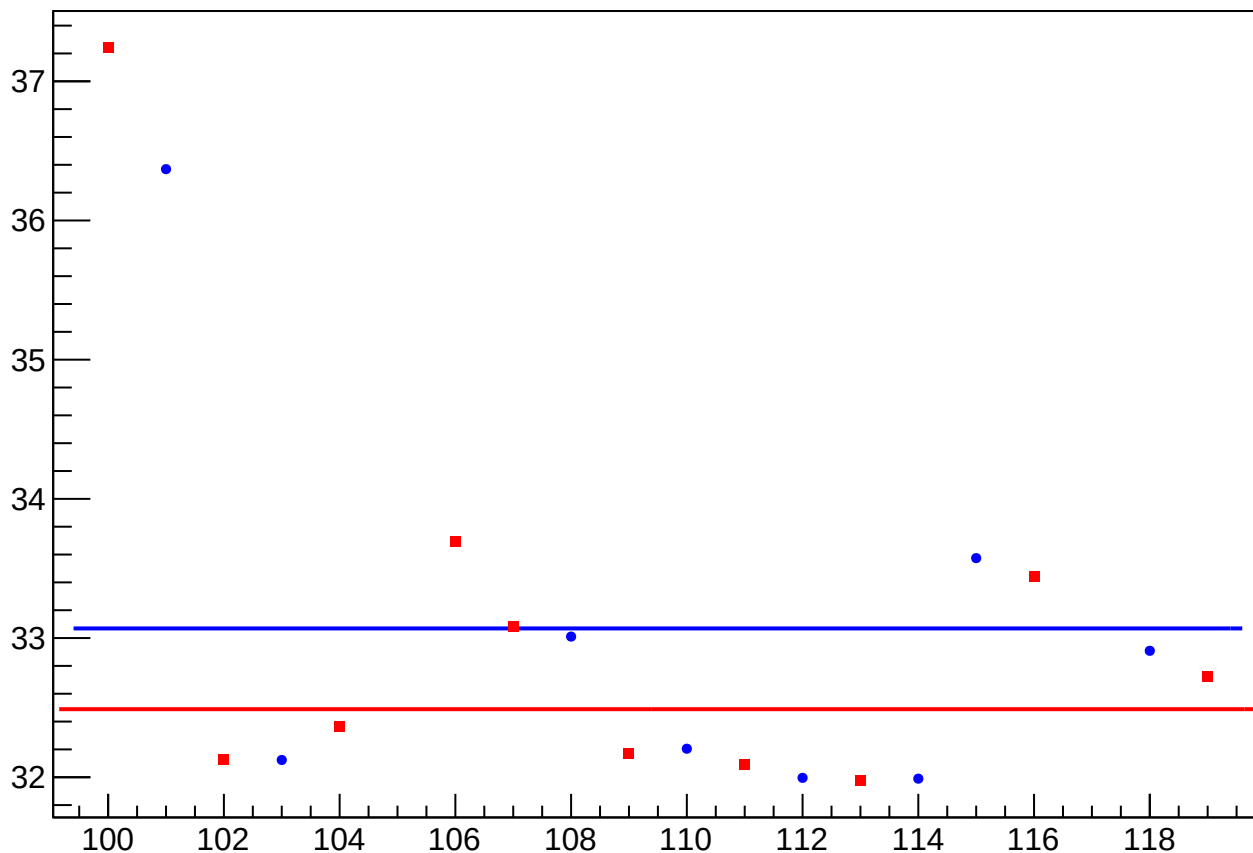
Right: 0.077+/-0.000 χ^2/NDF : 1279502.0/17

In: 0.076+/-0.000 χ^2/NDF :549918.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.077+/-0.000 χ^2/NDF : 1279502.0/17

yield_usr_mean vs Slug, Sign Corrected



Right In: 33.069+/-0.000 χ^2/NDF : 620234063.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.489+/-0.000 χ^2/NDF : 134810073.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

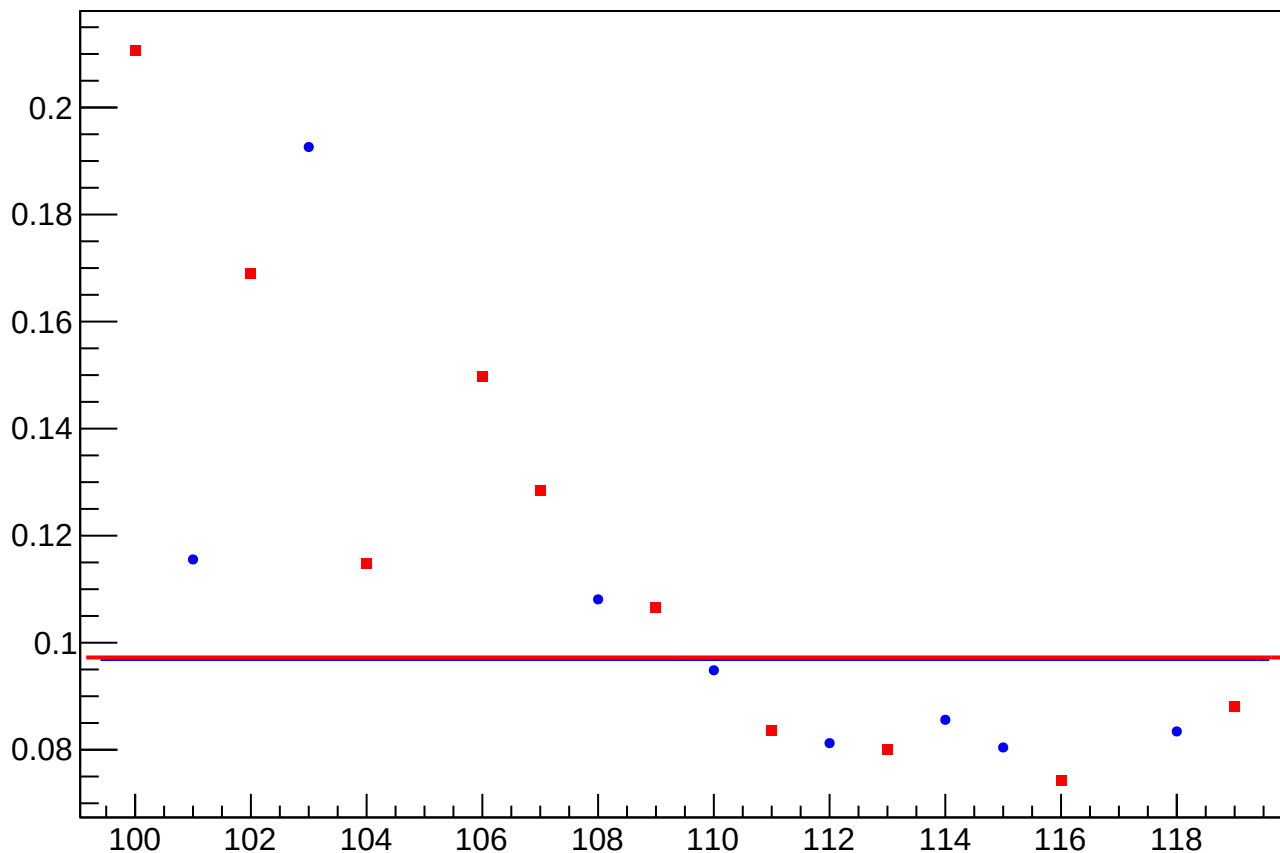
Right: 32.752+/-0.000 χ^2/NDF : 810383735.1/17

In: 33.069+/-0.000 χ^2/NDF : 620234063.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.752+/-0.000 χ^2/NDF : 810383735.1/17

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.097+/-0.000 χ^2/NDF : 402105.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.097+/-0.000 χ^2/NDF : 486929.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

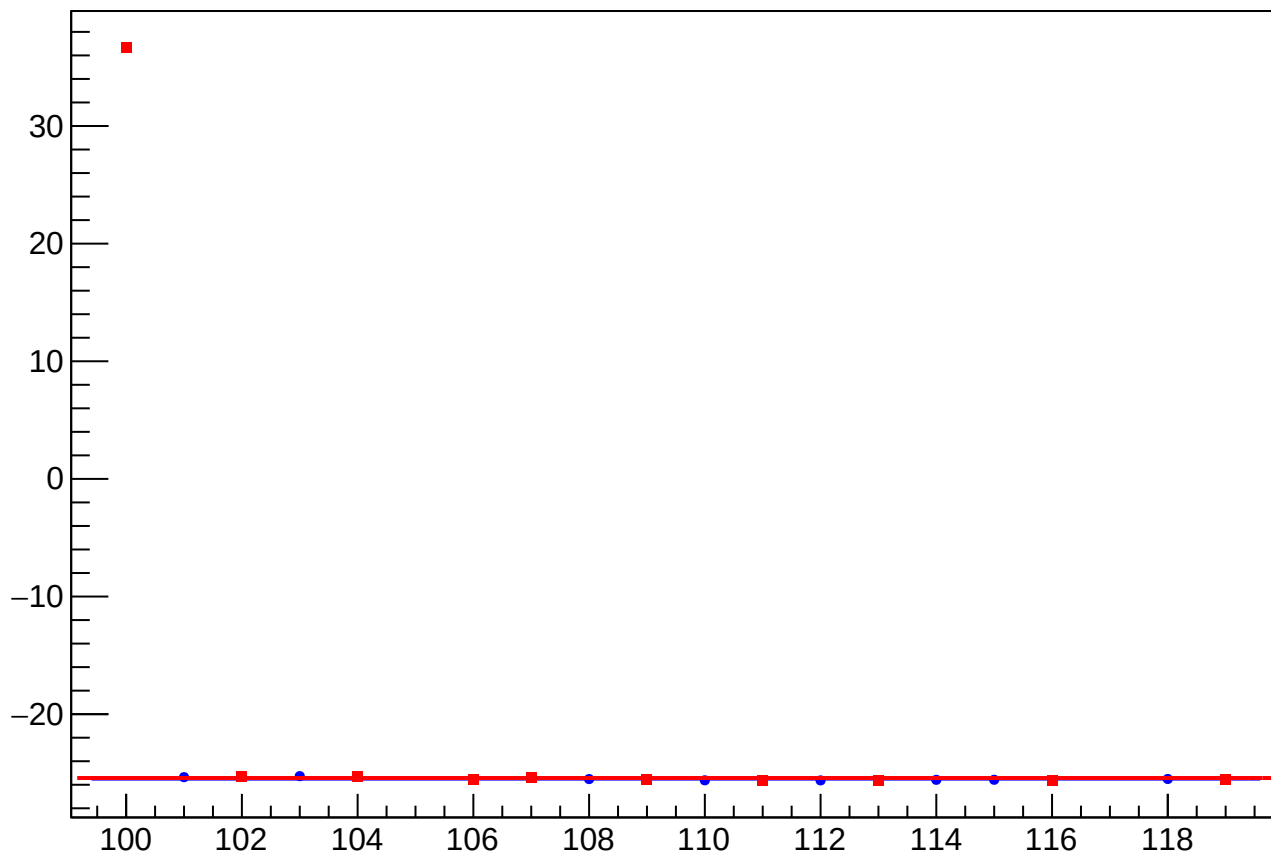
Right: 0.097+/-0.000 χ^2/NDF : 889062.3/17

In: 0.097+/-0.000 χ^2/NDF : 402105.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.097+/-0.000 χ^2/NDF : 889062.3/17

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.476+/-0.000 χ^2/NDF : 35789820.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.427+/-0.000 χ^2/NDF : 8817470742.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

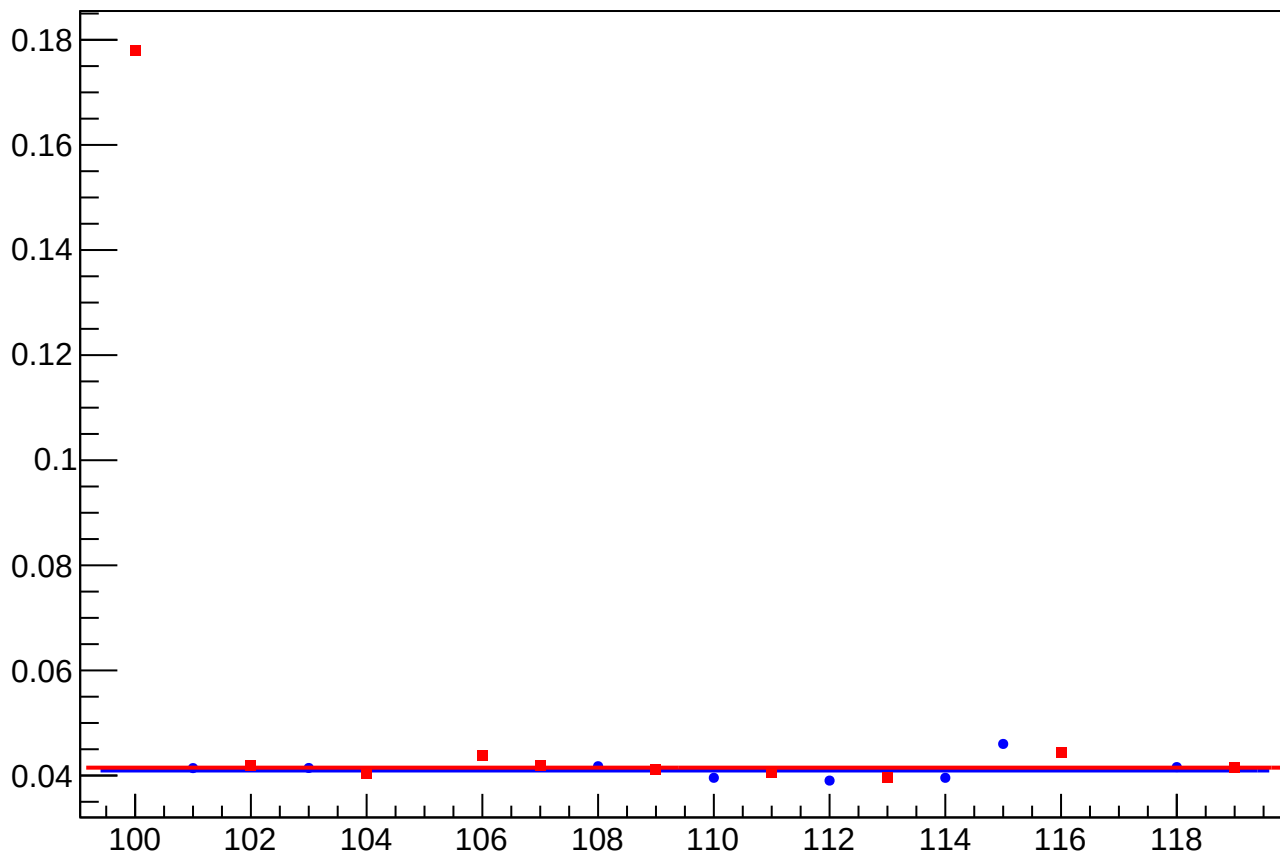
Right: -25.449+/-0.000 χ^2/NDF : 8855843101.8/17

In: -25.476+/-0.000 χ^2/NDF : 35789820.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.449+/-0.000 χ^2/NDF : 8855843101.8/17

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.041+/-0.000 χ^2/NDF : 7886.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.041+/-0.000 χ^2/NDF : 92011.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

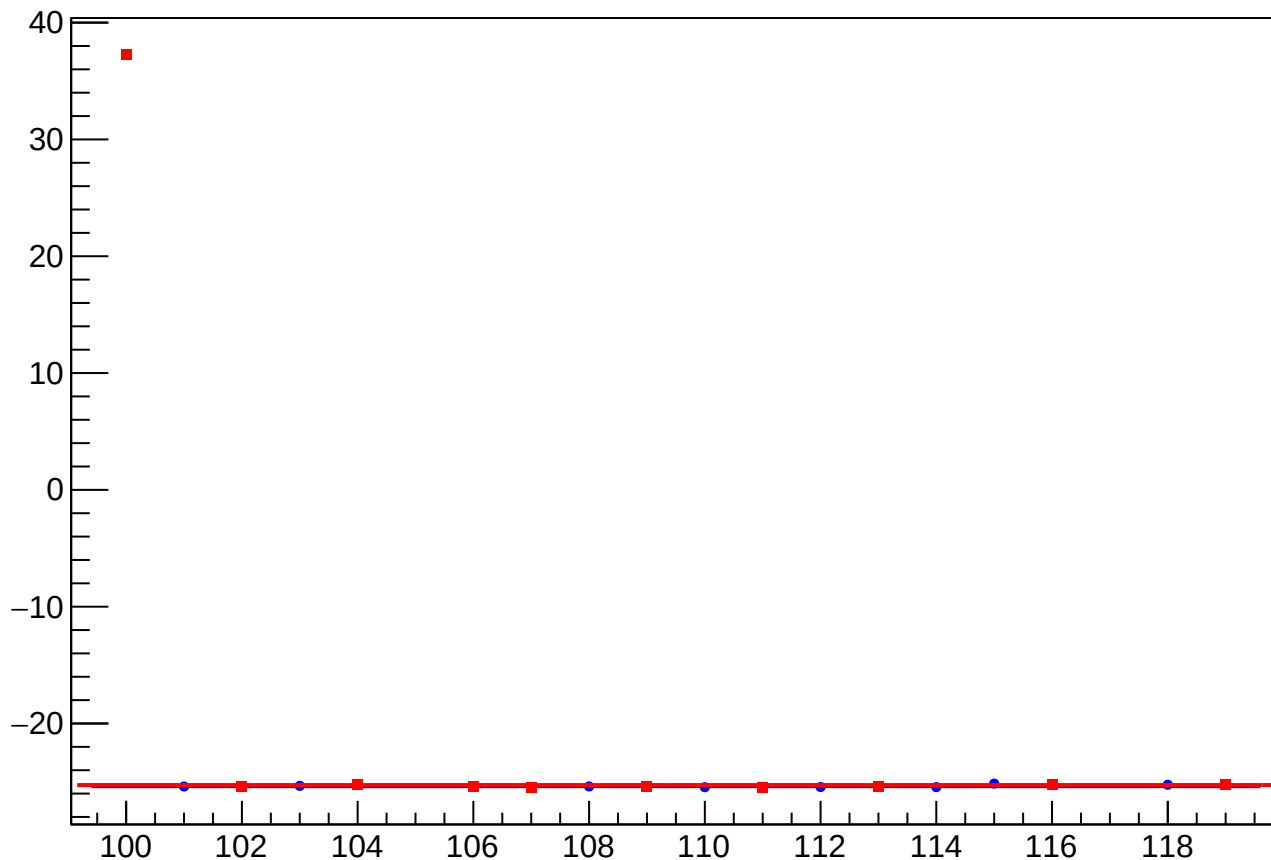
Right: 0.041+/-0.000 χ^2/NDF : 100524.9/17

In: 0.041+/-0.000 χ^2/NDF : 7886.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 100524.9/17

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.363+/-0.000 χ^2/NDF : 6276347.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.271+/-0.000 χ^2/NDF : 6302625189.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

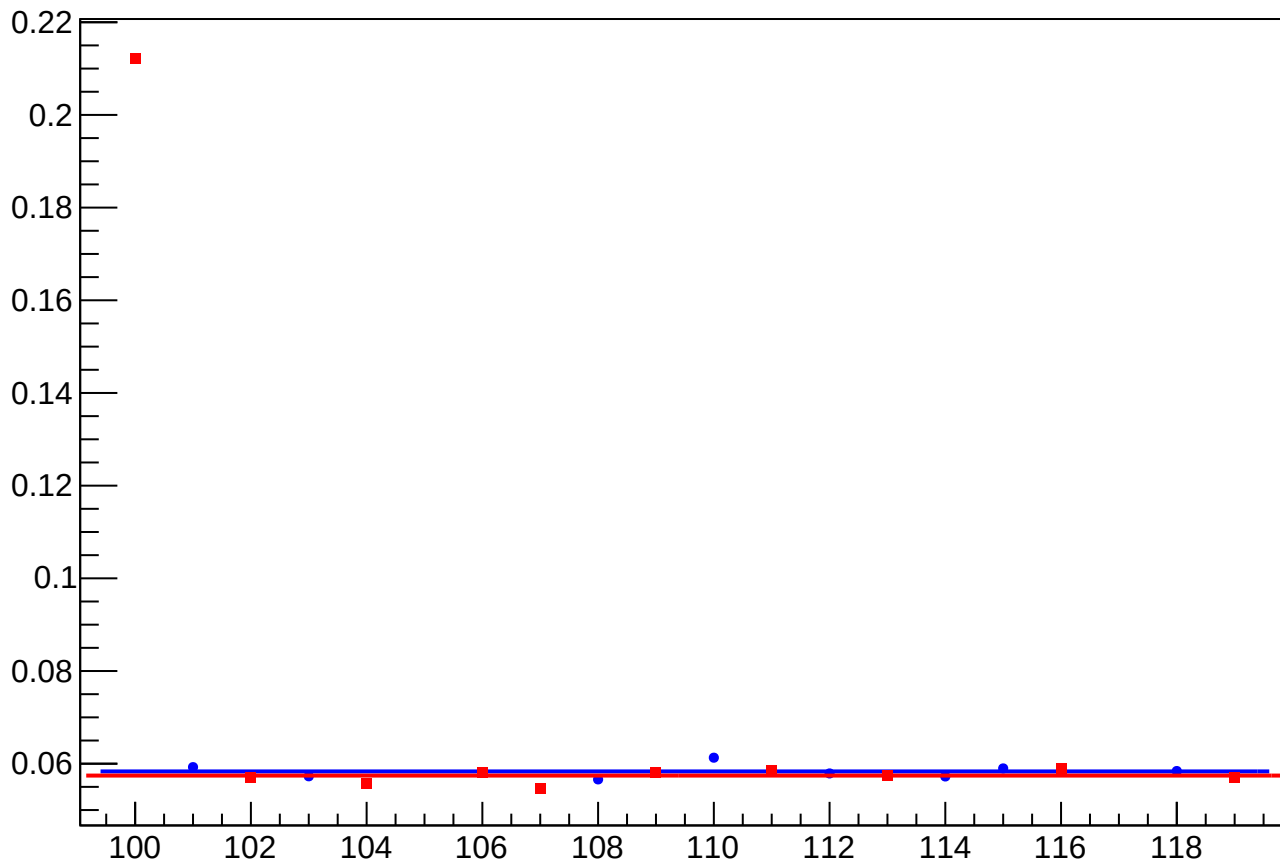
Right: -25.312+/-0.000 χ^2/NDF : 6313363779.2/17

In: -25.363+/-0.000 χ^2/NDF : 6276347.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.312+/-0.000 χ^2/NDF : 6313363779.2/17

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 3268.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 80087.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

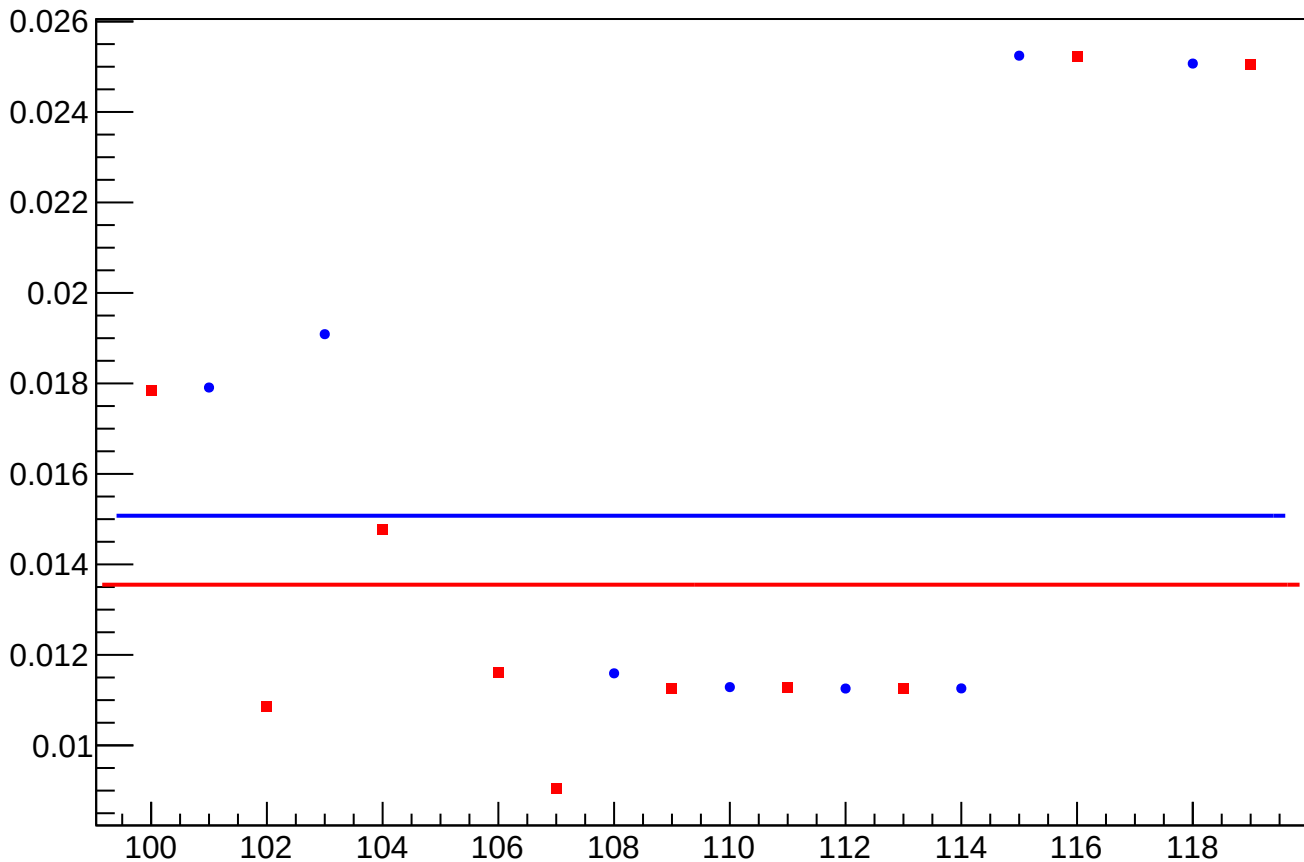
Right: 0.058+/-0.000 χ^2/NDF : 84206.2/17

In: 0.058+/-0.000 χ^2/NDF : 3268.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 84206.2/17

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 20876724562.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 25026702005.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

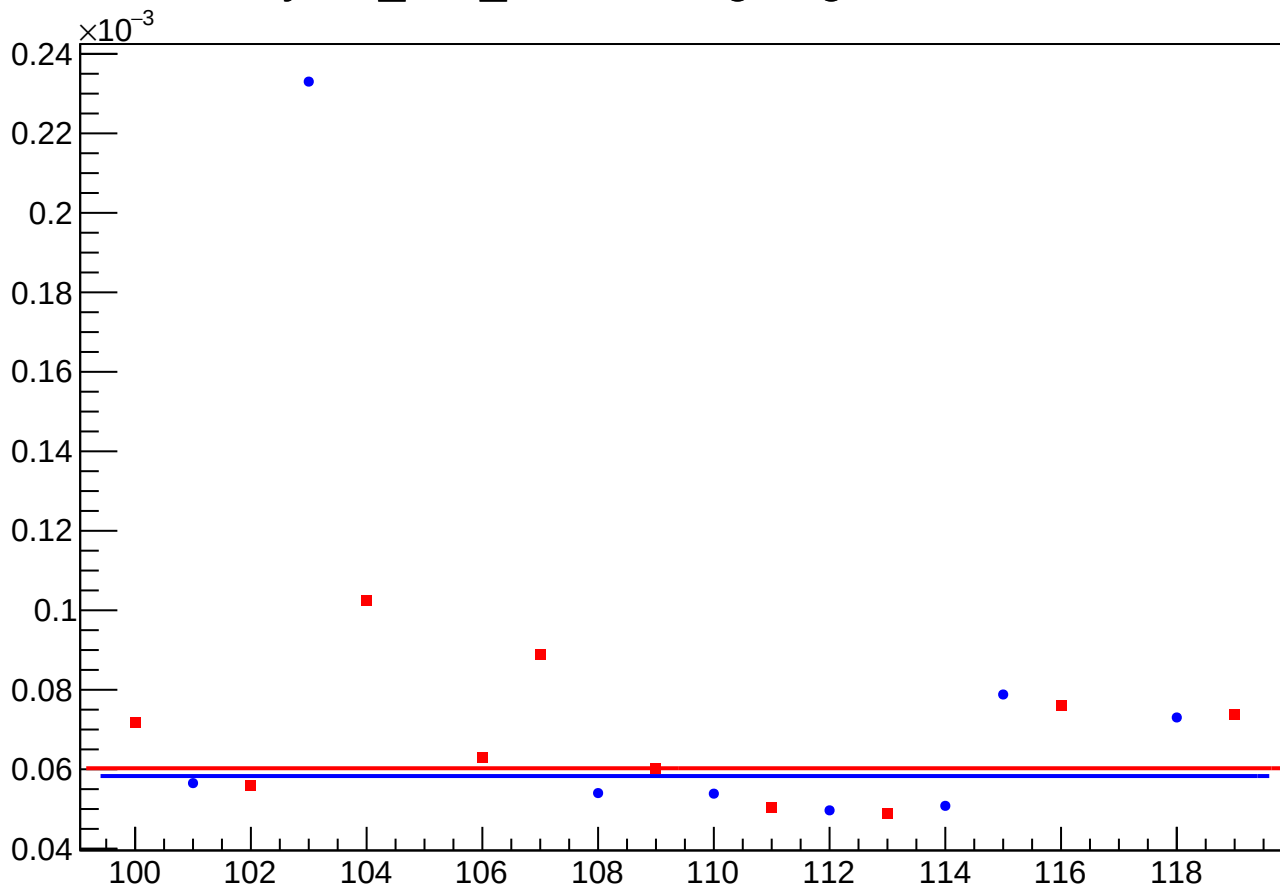
Right: 0.014+/-0.000 χ^2/NDF : 46935925997.1/17

In: 0.015+/-0.000 χ^2/NDF : 20876724562.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 46935925997.1/17

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 653234.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 312486.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

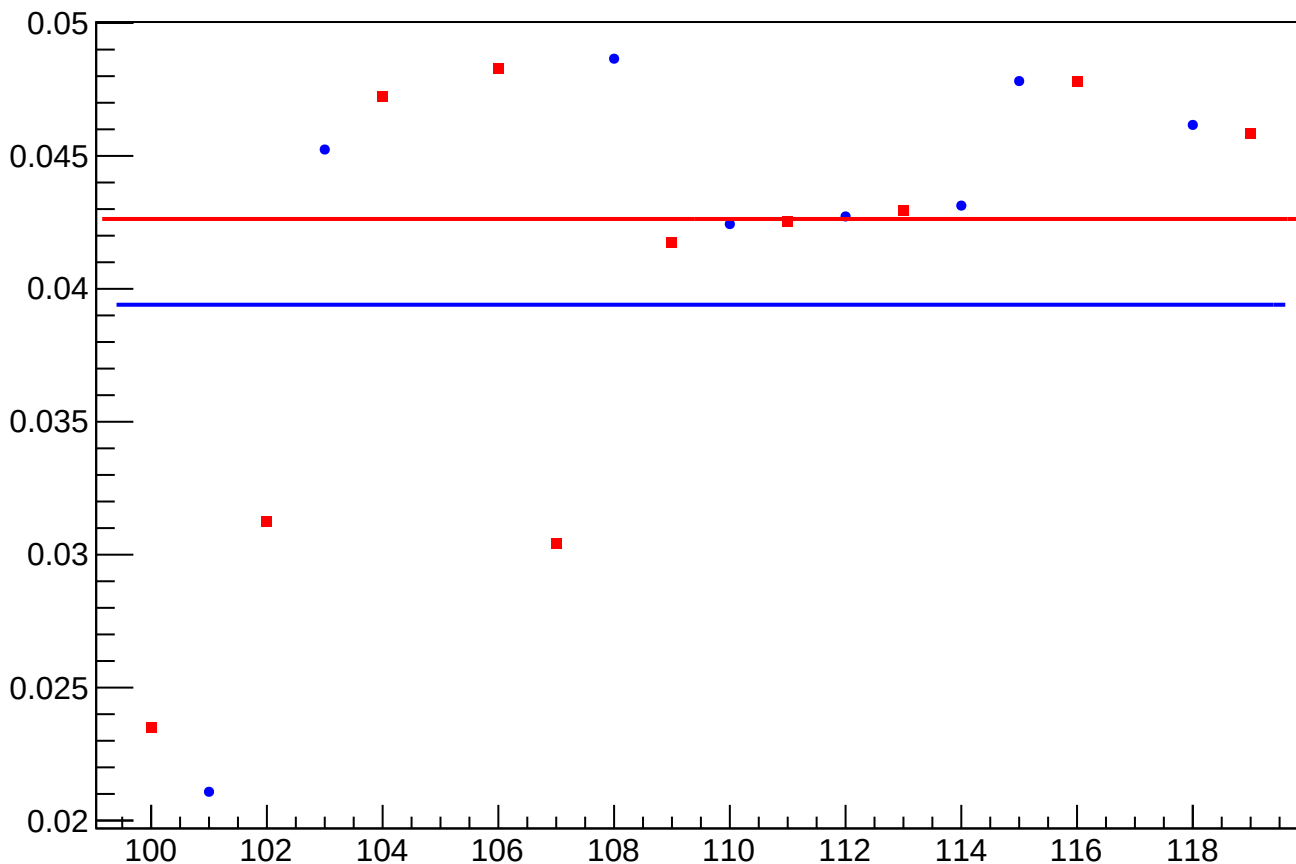
Right: 0.000+/-0.000 χ^2/NDF : 969141.0/17

In: 0.000+/-0.000 χ^2/NDF : 653234.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 969141.0/17

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.039+/-0.000

χ^2/NDF : 2280757851.4/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000

χ^2/NDF : 756874066.5/9

Left 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 : 3152281454.2/17

In: 0.039+/-0.000

χ^2/NDF : 2280757851.4/7

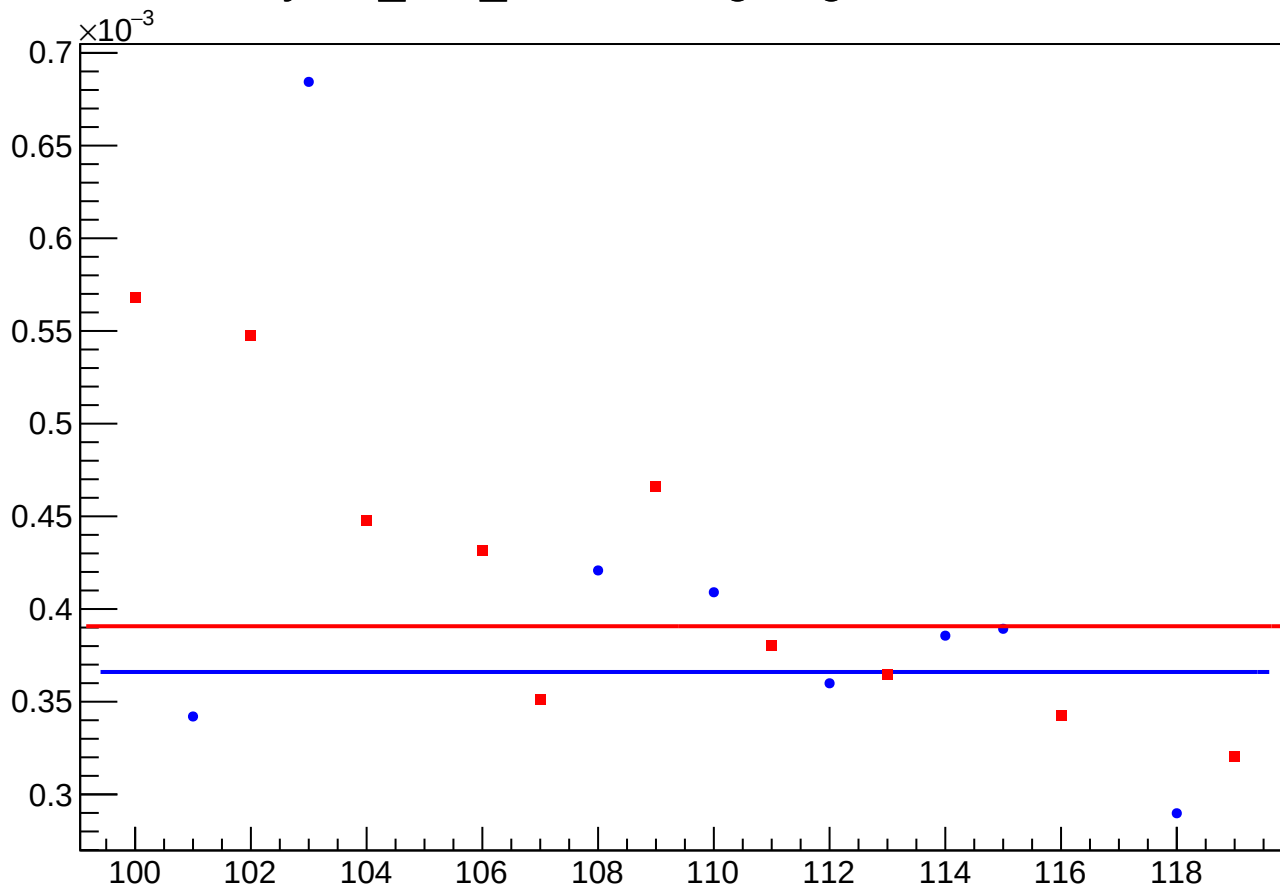
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.041+/-0.000

χ^2/NDF : 3152281454.2/17

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 337883.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217672.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

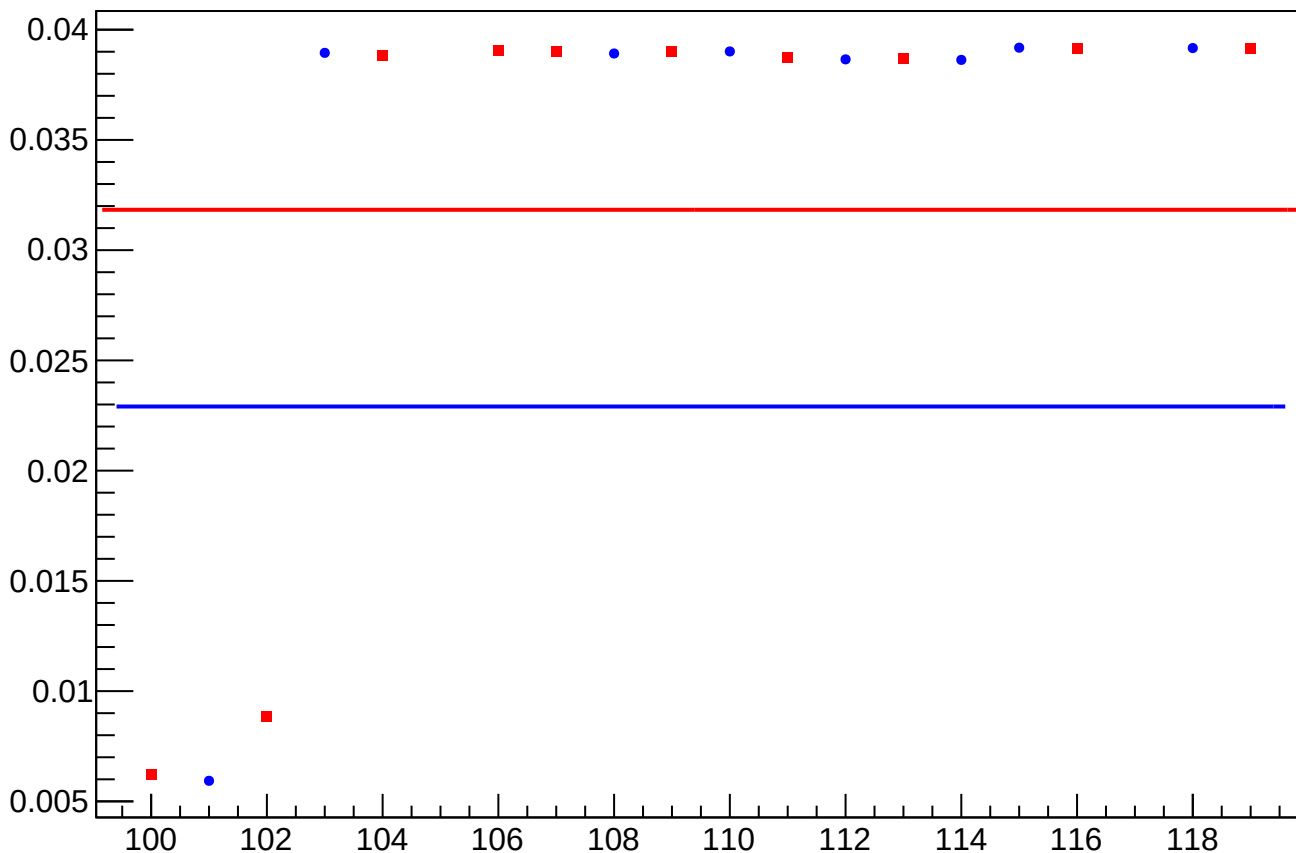
Right: 0.000+/-0.000 χ^2/NDF : 568980.4/17

In: 0.000+/-0.000 χ^2/NDF : 337883.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 568980.4/17

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.000

χ^2/NDF : 76614979080.6/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.027+/-0.000

χ^2/NDF : 129325580252.1/17

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000

χ^2/NDF : 42087560241.0/9

In: 0.023+/-0.000

χ^2/NDF : 76614979080.6/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

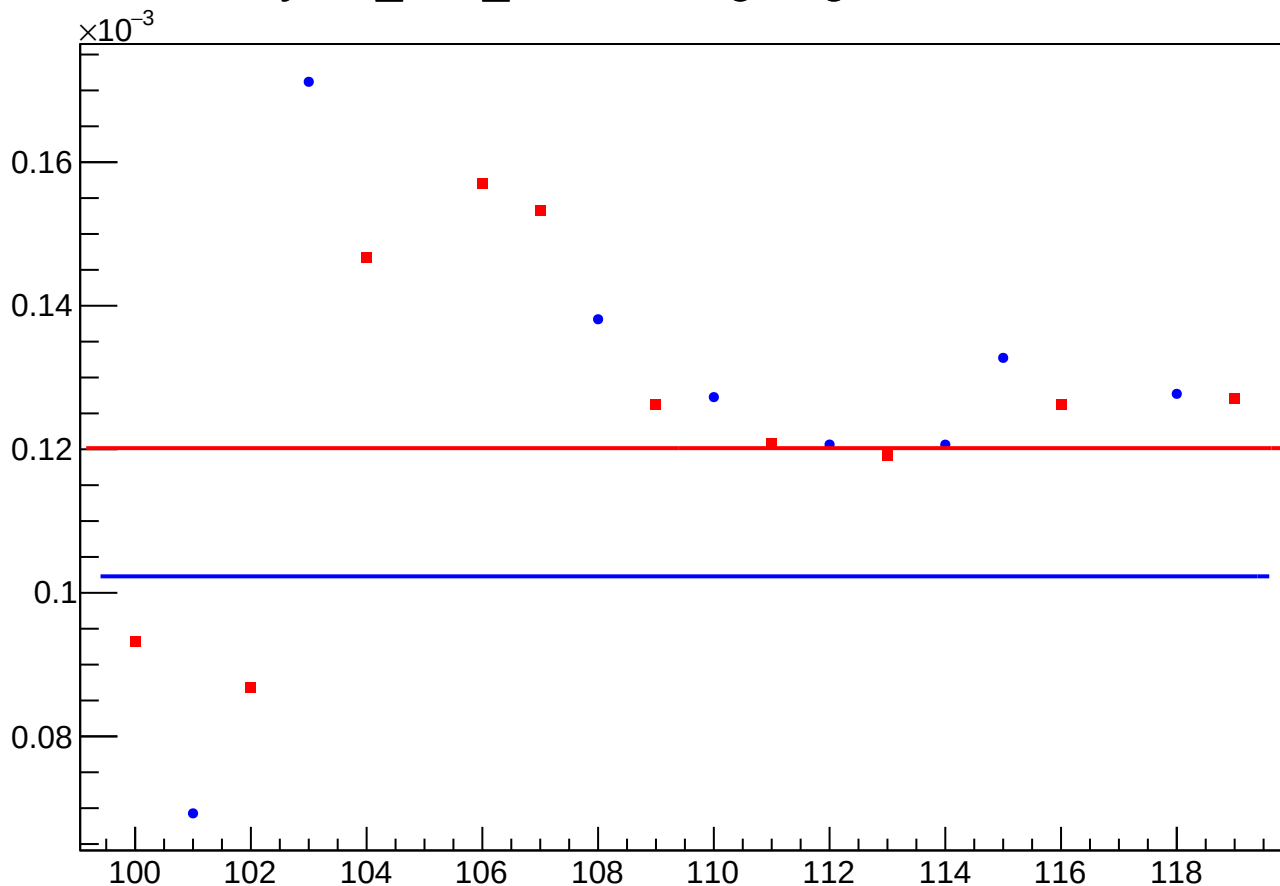
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.027+/-0.000

χ^2/NDF : 129325580252.1

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 656815.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 219002.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

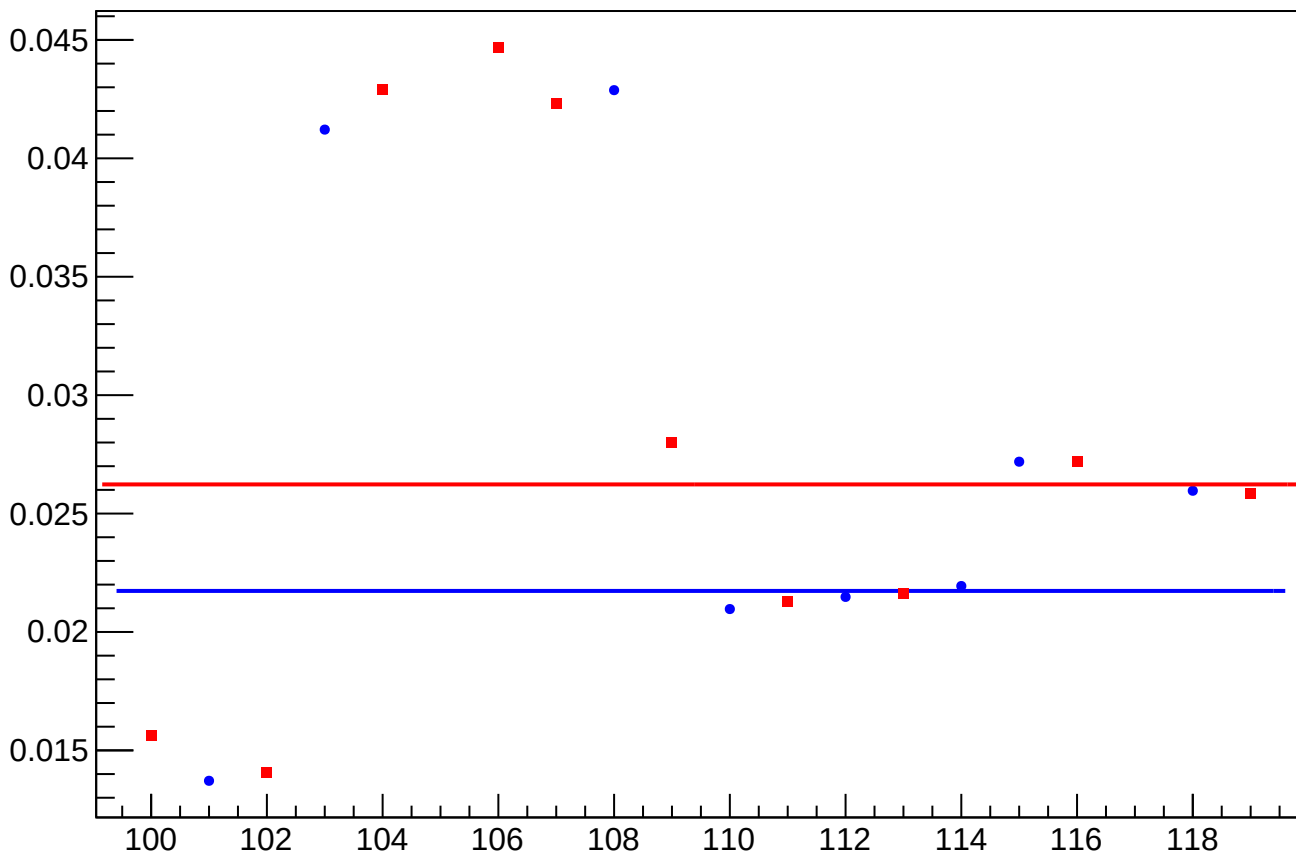
Right: 0.000+/-0.000 χ^2/NDF : 960947.5/17

In: 0.000+/-0.000 χ^2/NDF : 656815.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 960947.5/17

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 3257574939.9/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.024+/-0.000

χ^2/NDF : 6889900954.2/17

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.022+/-0.000

χ^2/NDF : 3257574939.9/7

Right Out: 0.026+/-0.000

χ^2/NDF : 3227125484.2/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

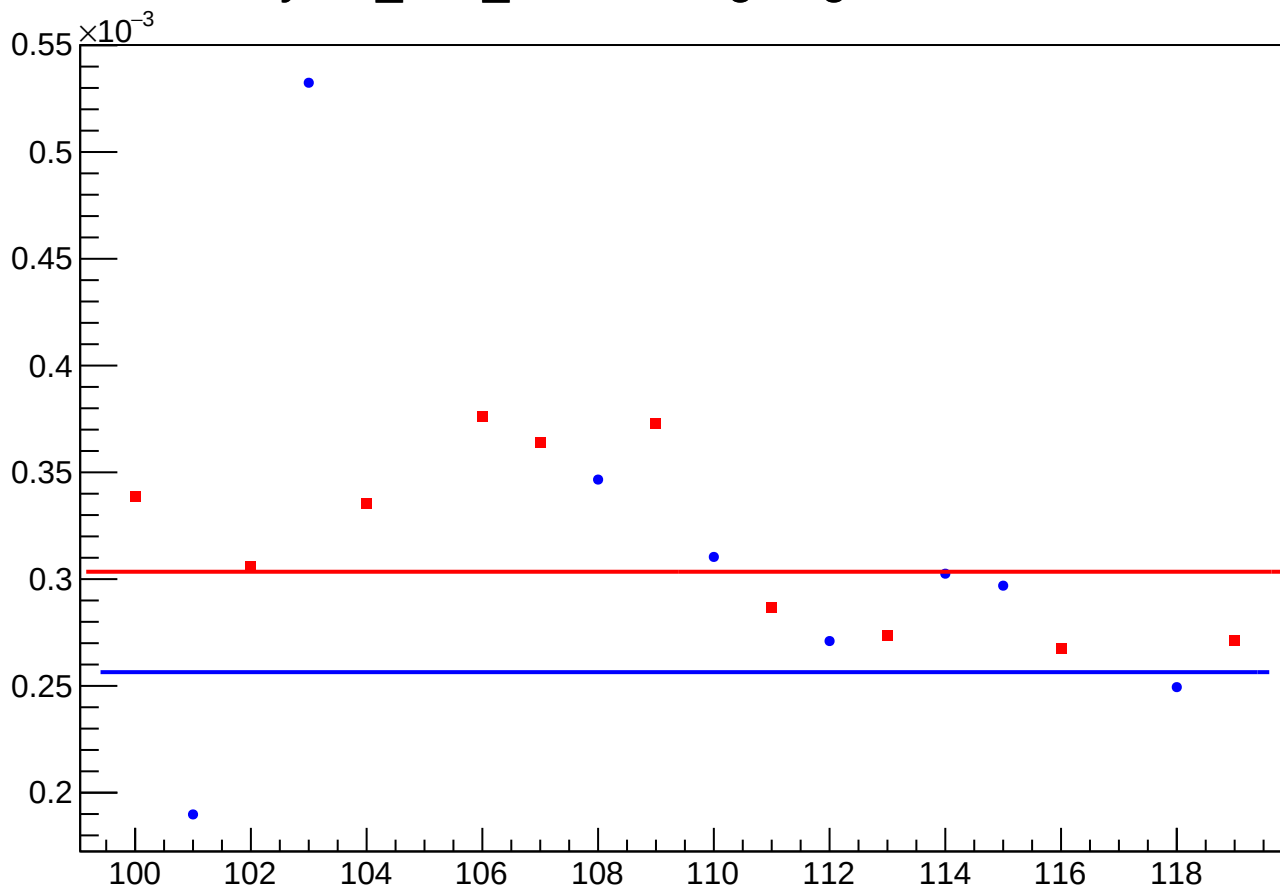
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.024+/-0.000

χ^2/NDF : 6889900954.2/17

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 525234.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 109650.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

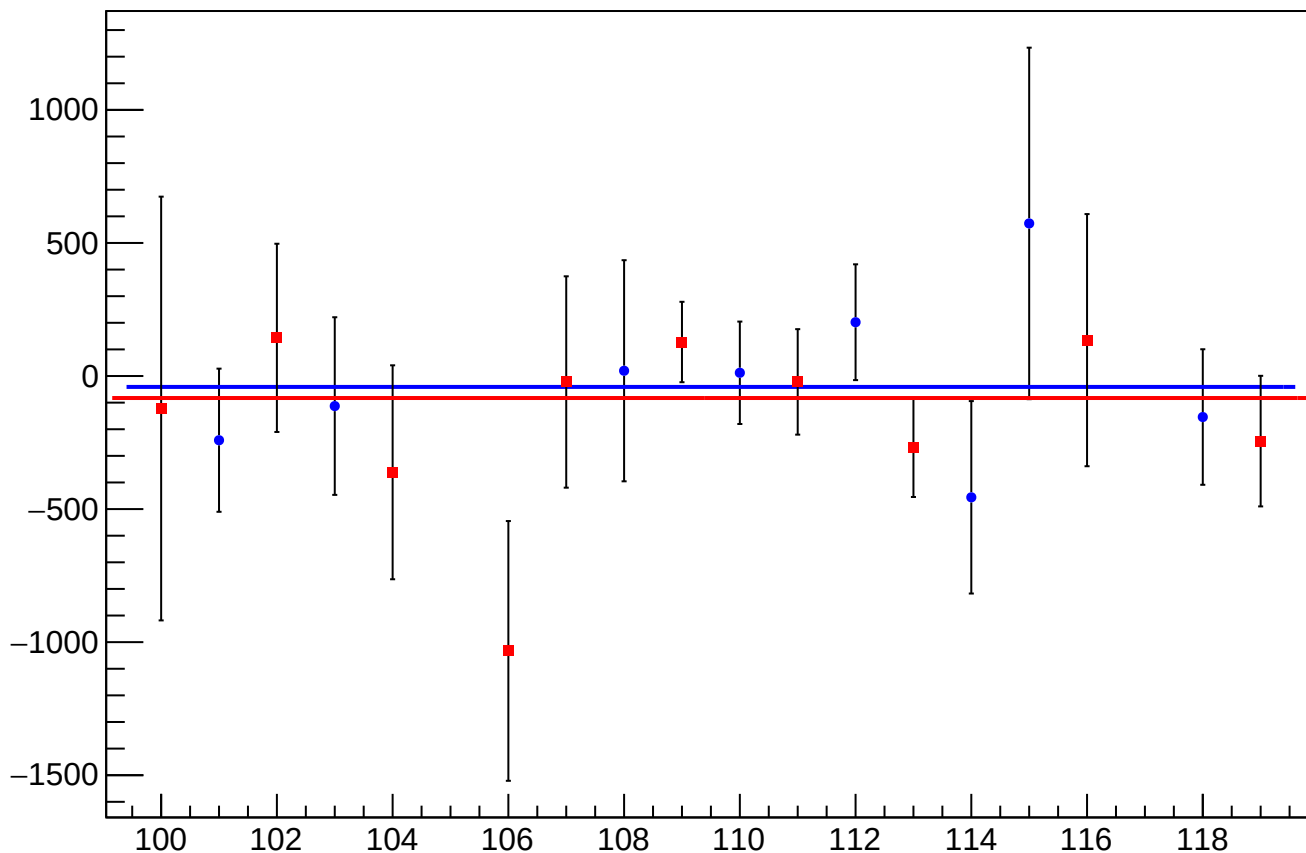
Right: 0.000+/-0.000 χ^2/NDF : 723452.5/17

In: 0.000+/-0.000 χ^2/NDF : 525234.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 723452.5/17

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -40.965+/-98.969 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -82.648+/-82.811 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

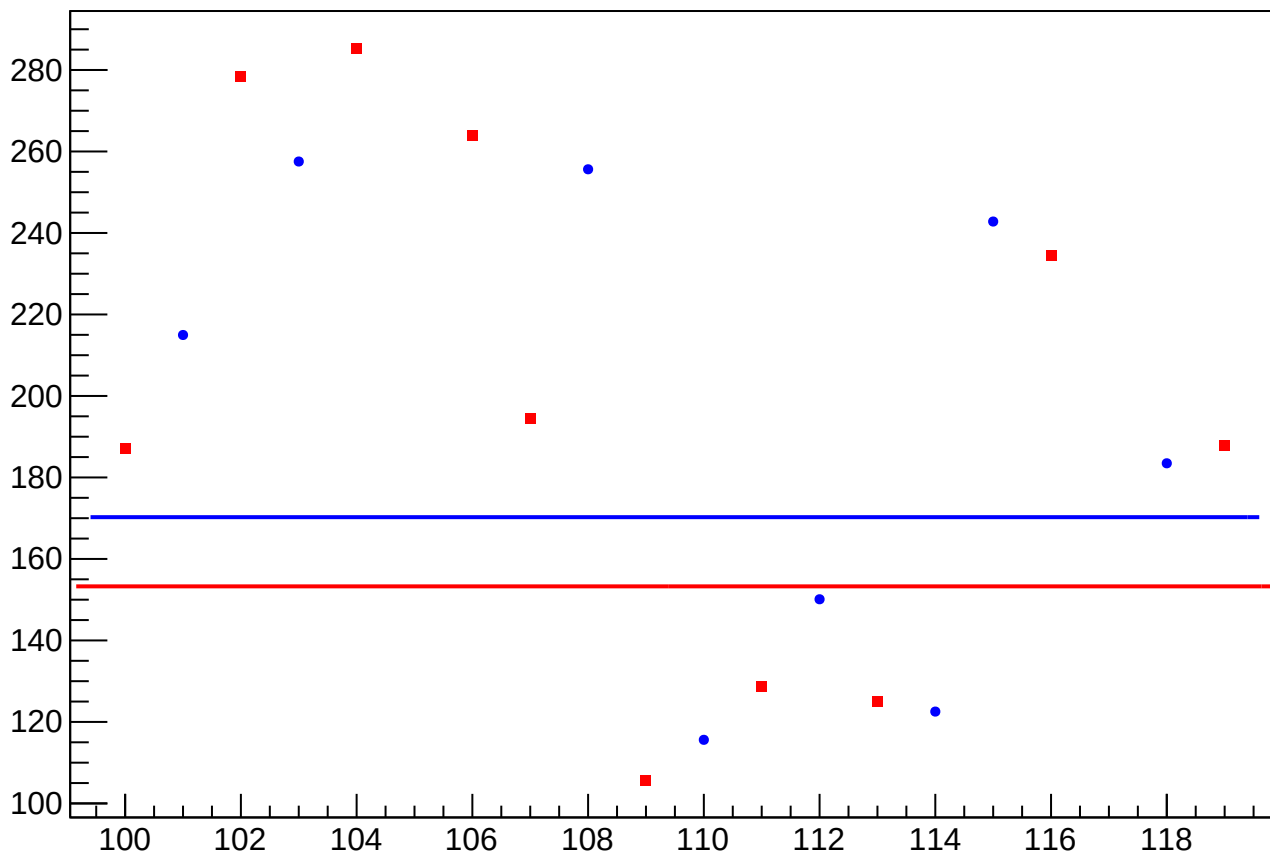
Right: -65.483+/-63.511 χ^2/NDF : 12.8/17

In: -40.965+/-98.969 χ^2/NDF :4.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -65.483+/-63.511 χ^2/NDF : 12.8/17

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.254+/-0.070 χ^2/NDF : 519334.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.271+/-0.059 χ^2/NDF : 968431.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

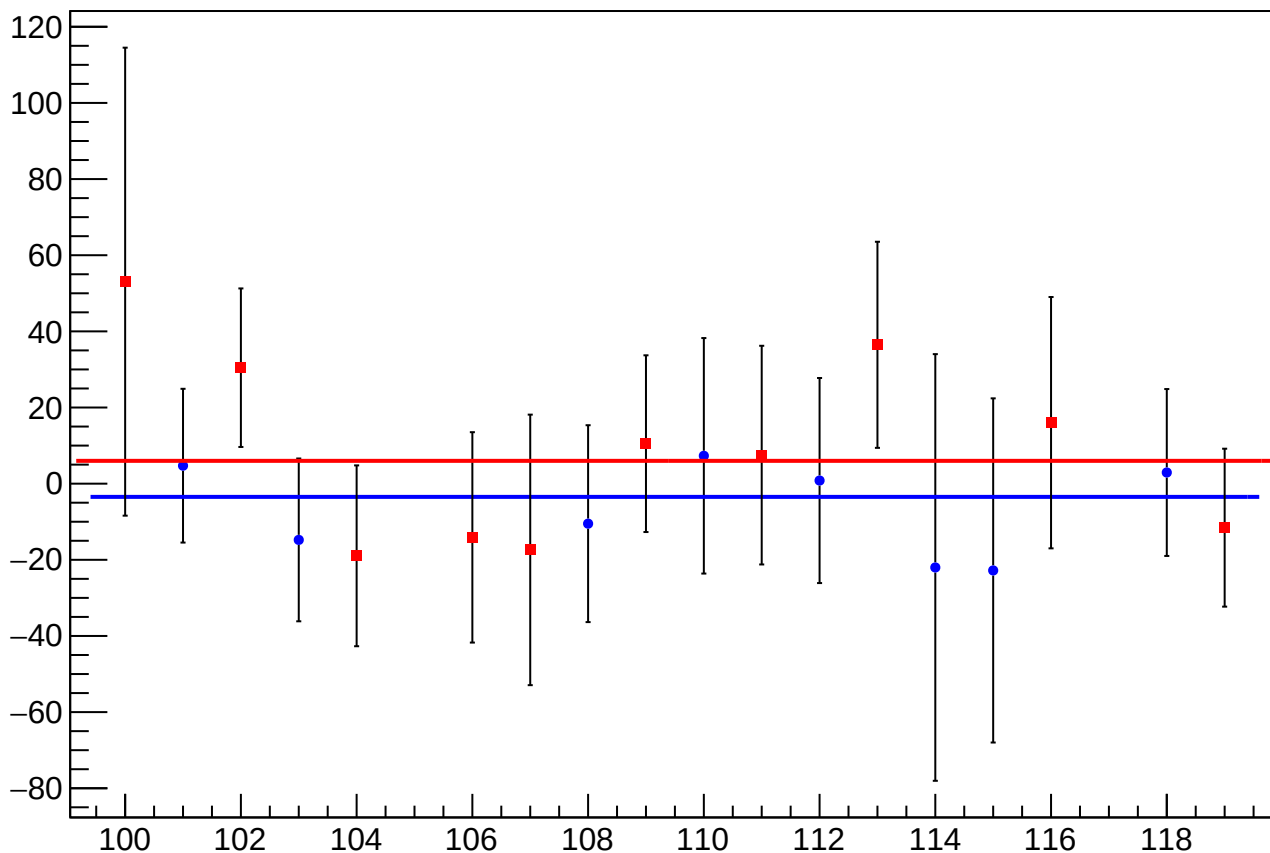
Right: 160.265+/-0.045 χ^2/NDF : 1522405.7/17

In: 170.254+/-0.070 χ^2/NDF : 519334.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.265+/-0.045 χ^2/NDF : 1522405.7/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.470+/-9.345 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.993+/-8.414 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

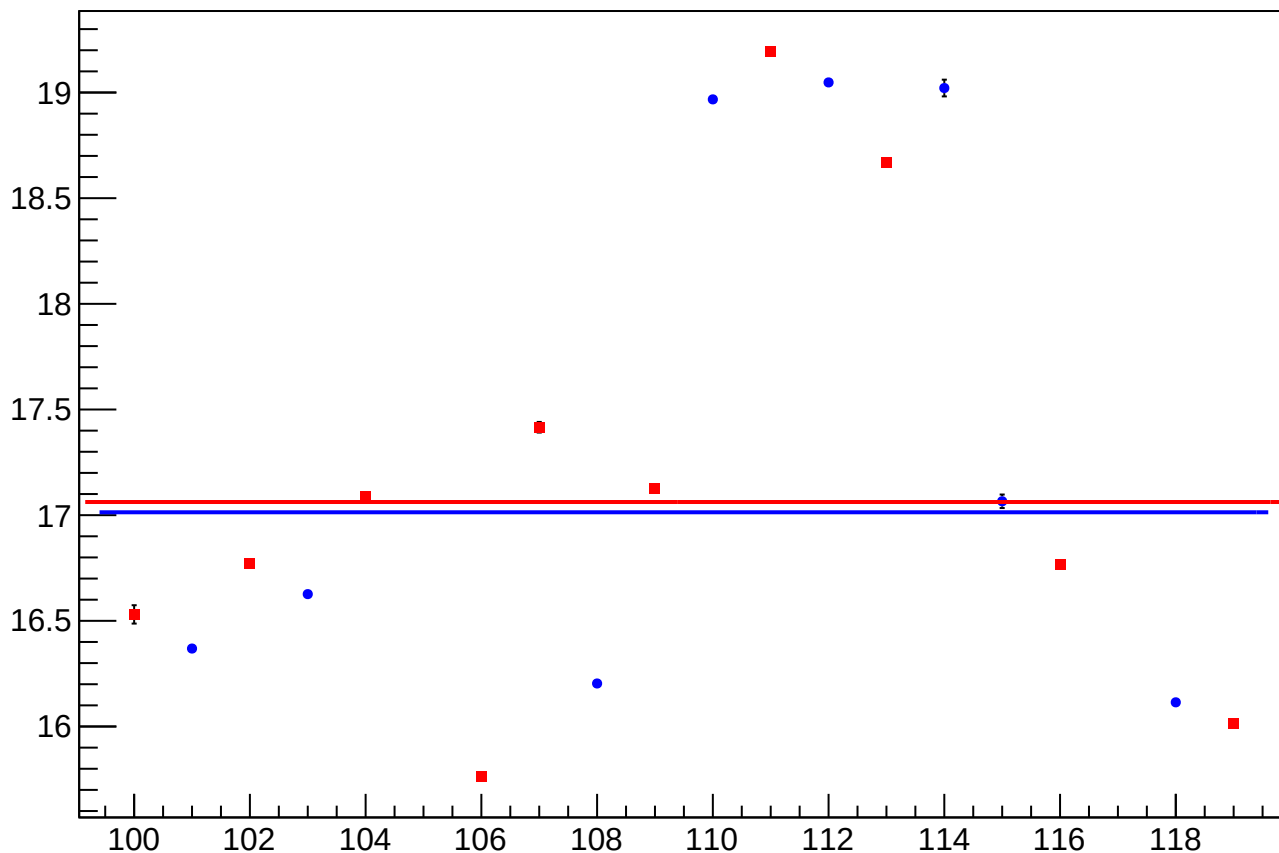
Right: 1.756+/-6.253 χ^2/NDF : 7.8/17

In: -3.470+/-9.345 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.756+/-6.253 χ^2/NDF : 7.8/17

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.014+/-0.007 χ^2/NDF : 29987.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.062+/-0.006 χ^2/NDF : 28501.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

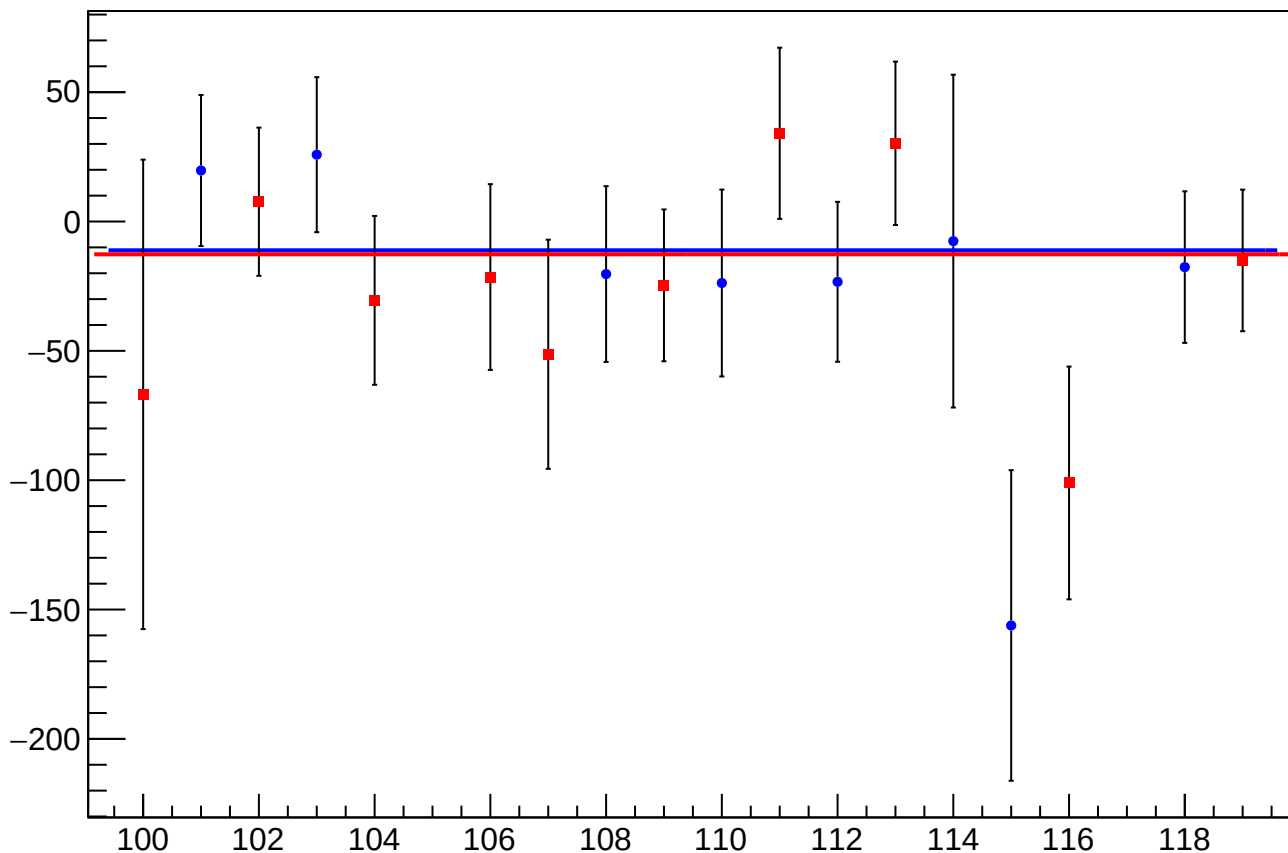
Right: 17.041+/-0.004 χ^2/NDF : 58518.6/17

In: 17.014+/-0.007 χ^2/NDF : 29987.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.041+/-0.004 χ^2/NDF : 58518.6/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.128 ± 12.264 χ^2/NDF : 8.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.678 ± 10.866 χ^2/NDF : 9.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

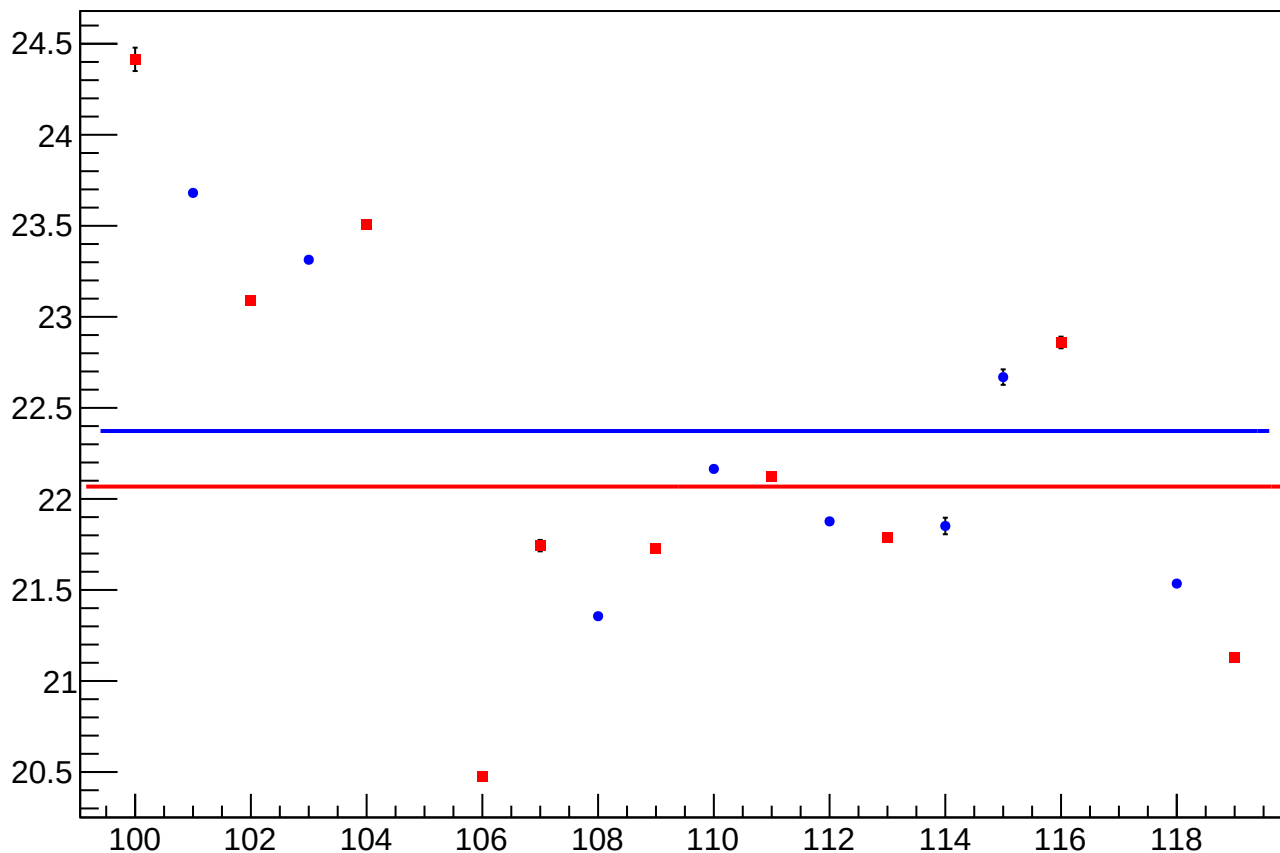
Right: -11.996 ± 8.133 χ^2/NDF : 18.7/17

In: -11.128 ± 12.264 χ^2/NDF : 8.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.996 ± 8.133 χ^2/NDF : 18.7/17

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.373+/-0.009 χ^2/NDF : 10171.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.068+/-0.008 χ^2/NDF : 15217.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

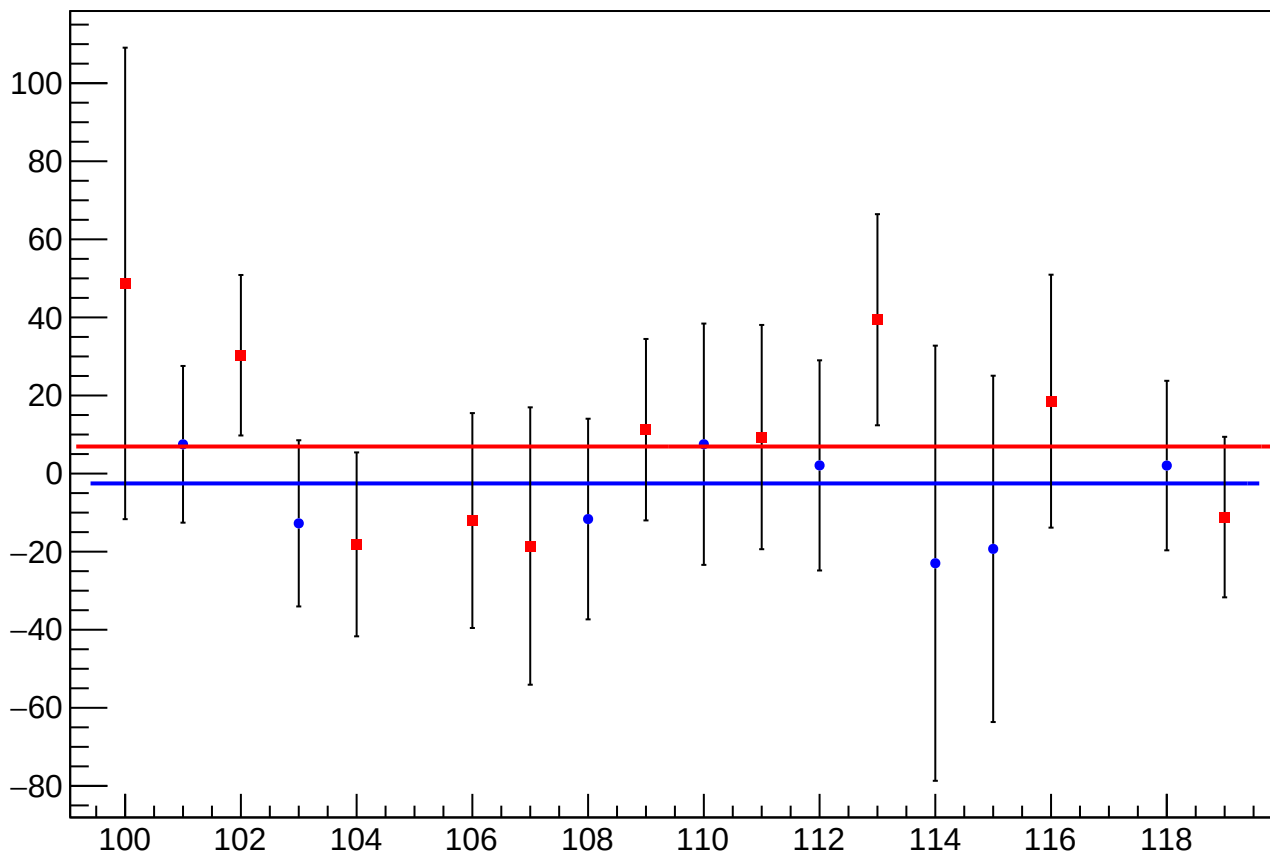
Right: 22.202+/-0.006 χ^2/NDF : 26082.5/17

In: 22.373+/-0.009 χ^2/NDF : 10171.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.202+/-0.006 χ^2/NDF : 26082.5/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.525+/-9.291 χ^2/NDF : 1.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.933+/-8.361 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

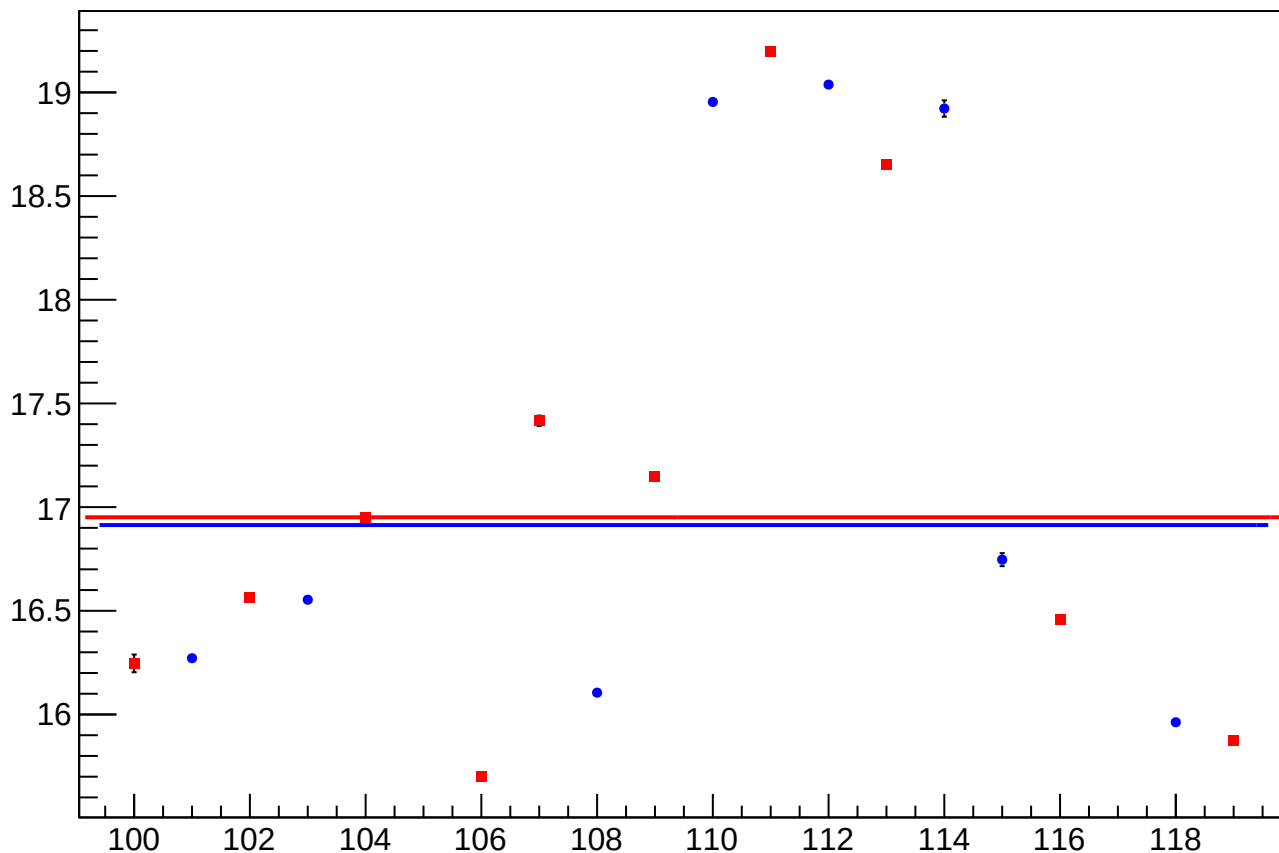
Right: 2.701+/-6.215 χ^2/NDF : 7.9/17

In: -2.525+/-9.291 χ^2/NDF :1.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.701+/-6.215 χ^2/NDF : 7.9/17

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.913+/-0.007 χ^2/NDF : 32237.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.951+/-0.006 χ^2/NDF : 31673.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

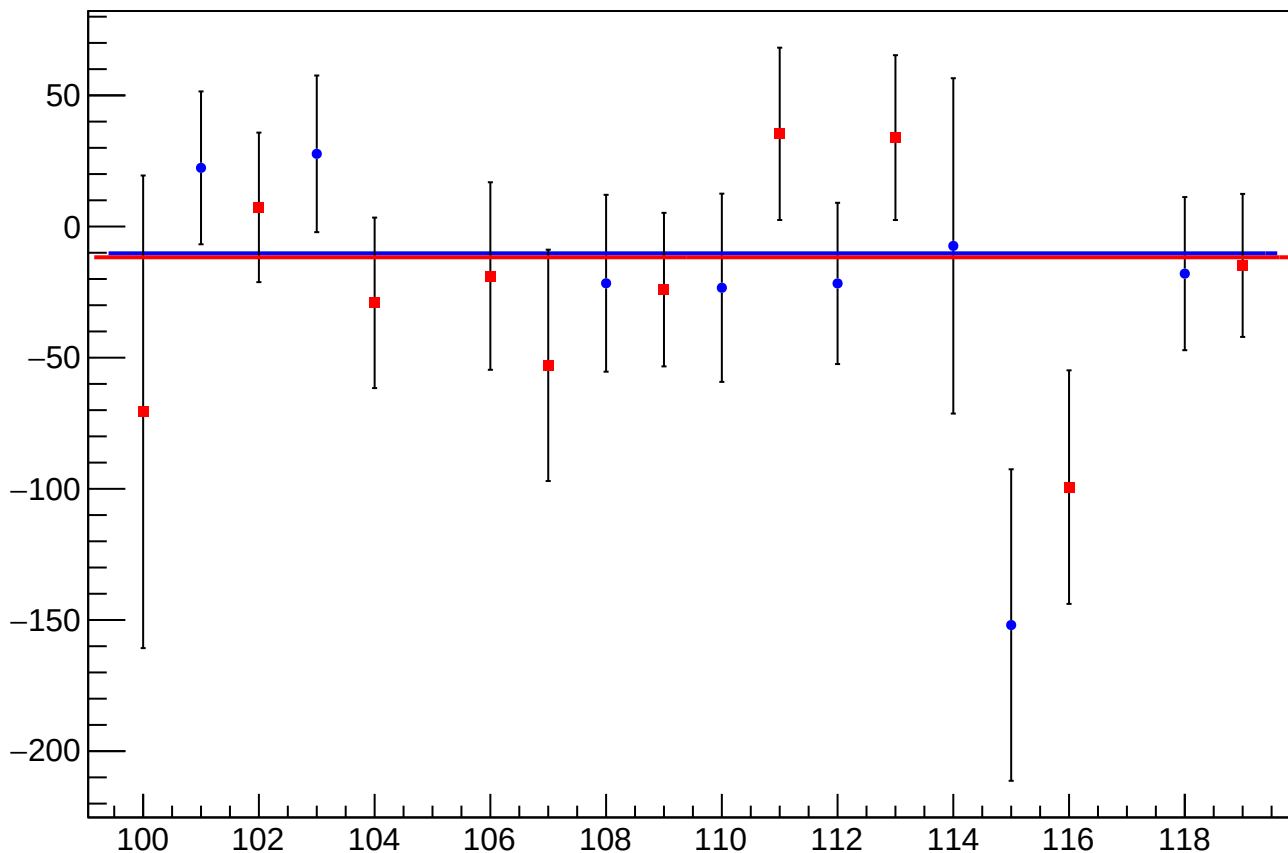
Right: 16.934+/-0.004 χ^2/NDF : 63929.6/17

In: 16.913+/-0.007 χ^2/NDF : 32237.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.934+/-0.004 χ^2/NDF : 63929.6/17

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.223+/-12.202 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -11.726+/-10.812 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

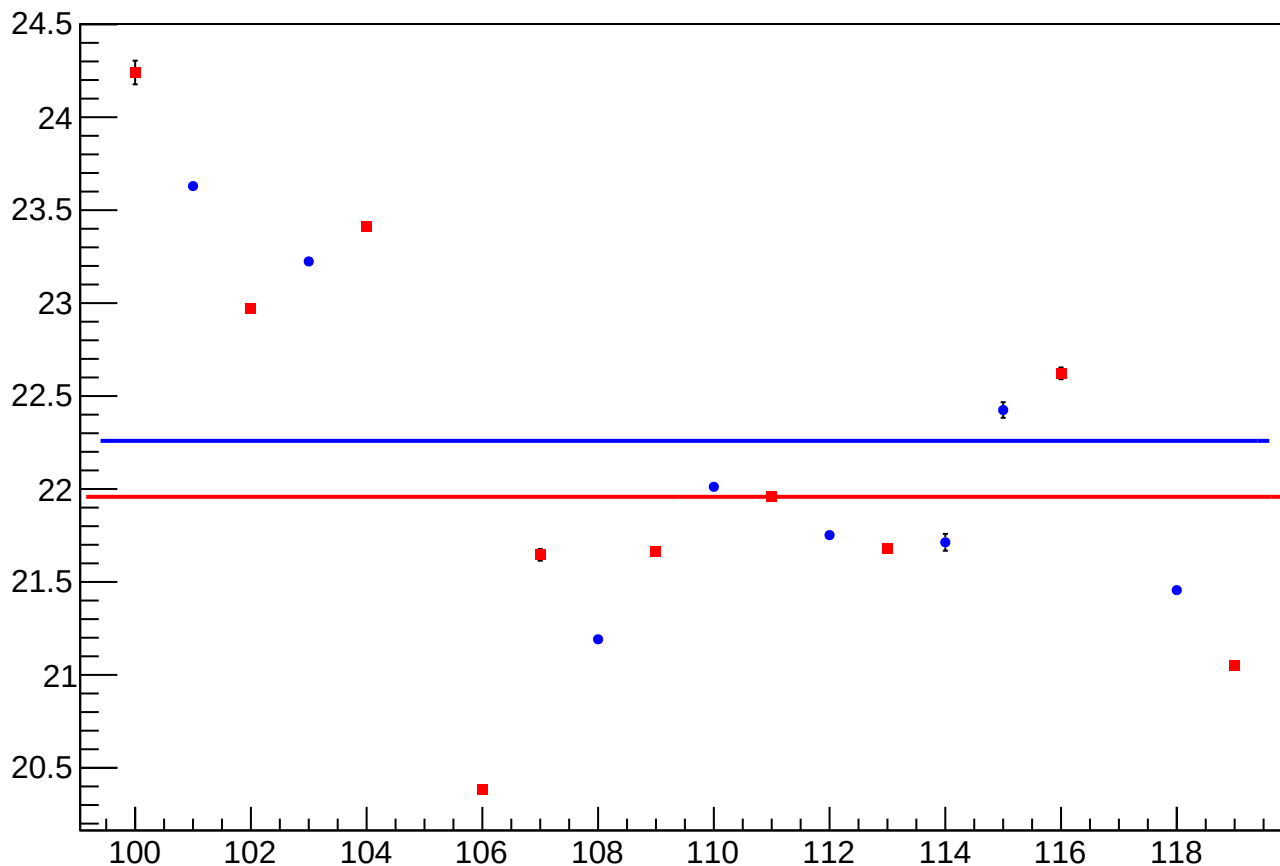
Right: -11.065+/-8.092 χ^2/NDF : 19.3/17

In: -10.223+/-12.202 χ^2/NDF :9.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -11.065+/-8.092 χ^2/NDF : 19.3/17

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.259+/-0.009 χ^2/NDF : 10833.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.958+/-0.008 χ^2/NDF : 14825.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

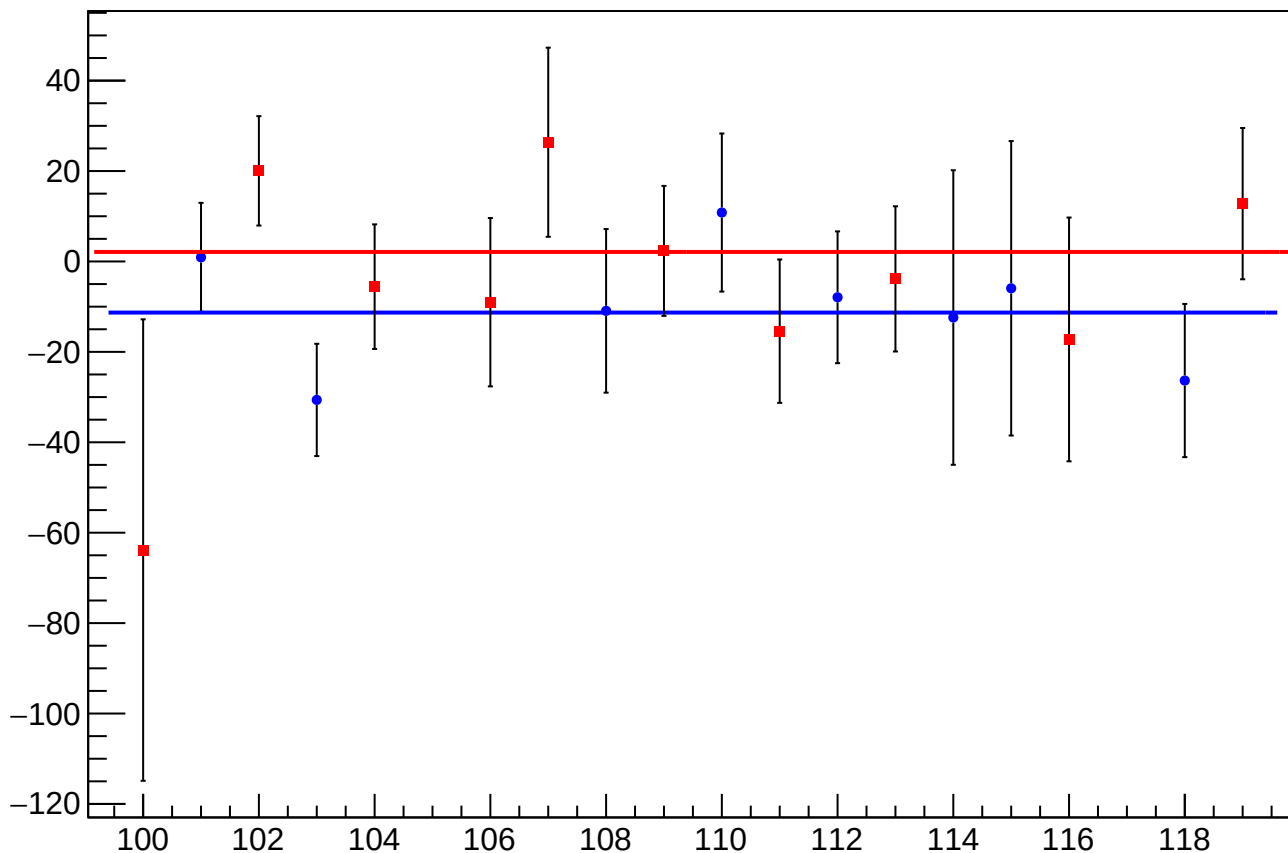
Right: 22.090+/-0.006 χ^2/NDF : 26340.8/17

In: 22.259+/-0.009 χ^2/NDF : 10833.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.090+/-0.006 χ^2/NDF : 26340.8/17

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.308 $\pm$ 5.795 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.105 $\pm$ 5.323 χ^2 /NDF: 8.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

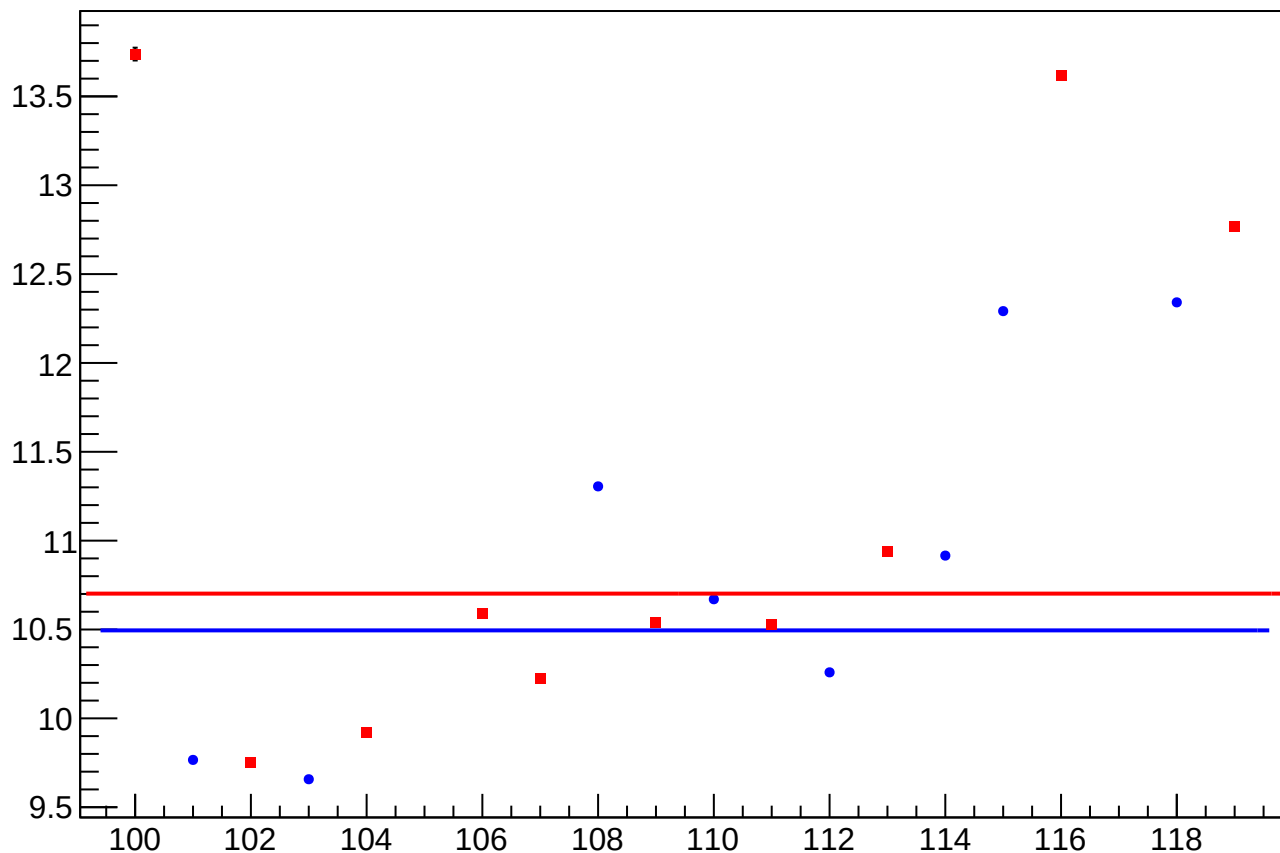
Right: -4.033 $\pm$ 3.921 χ^2 /NDF: 17.0/17

In: -11.308 $\pm$ 5.795 χ^2 /NDF:5.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.033 $\pm$ 3.921 χ^2 /NDF: 17.0/17

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.495+/-0.004 χ^2/NDF : 51310.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.702+/-0.004 χ^2/NDF : 81782.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

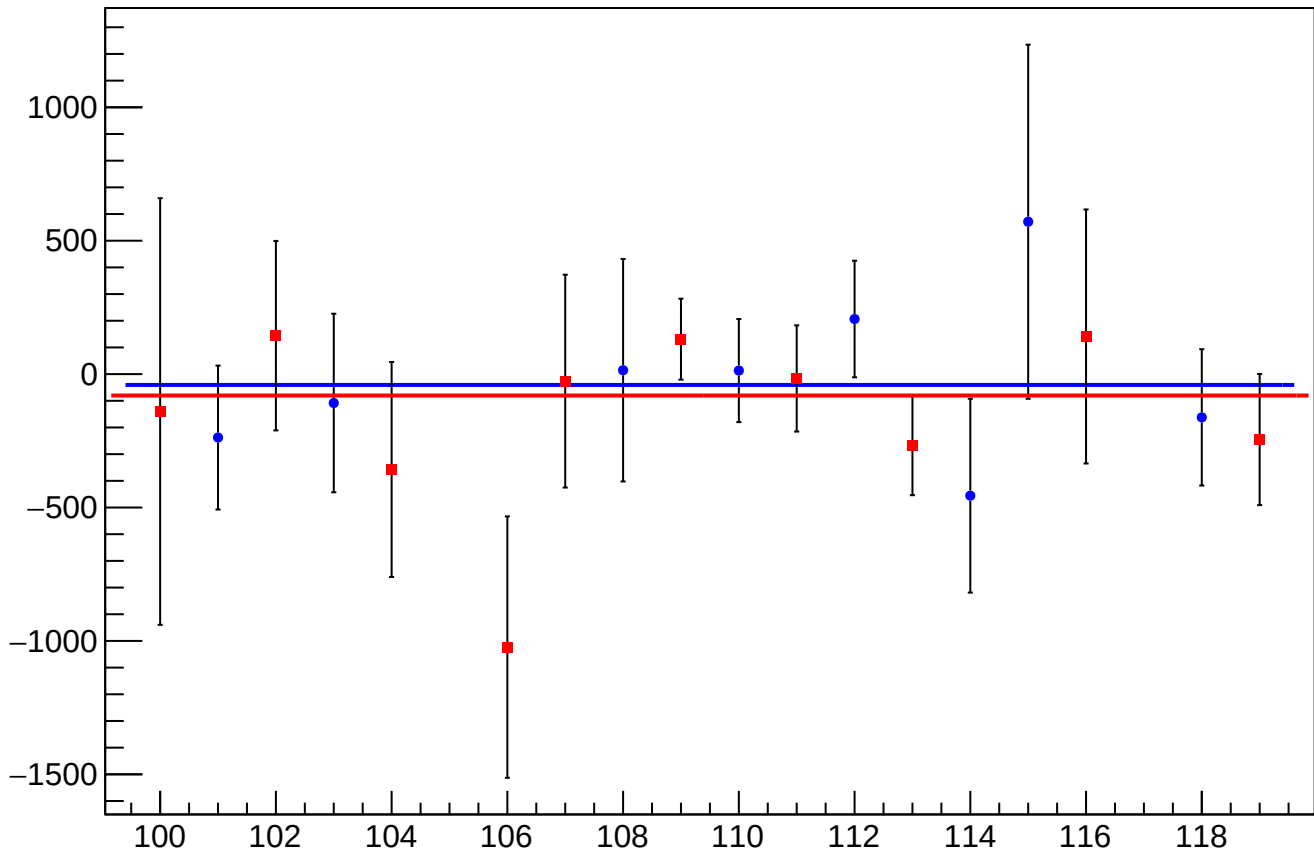
Right: 10.607+/-0.003 χ^2/NDF : 134475.2/17

In: 10.495+/-0.004 χ^2/NDF : 51310.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.607+/-0.003 χ^2/NDF : 134475.2/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -40.578 $\pm$ 99.346 χ^2 /NDF: 4.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -80.237 $\pm$ 83.143 χ^2 /NDF: 8.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

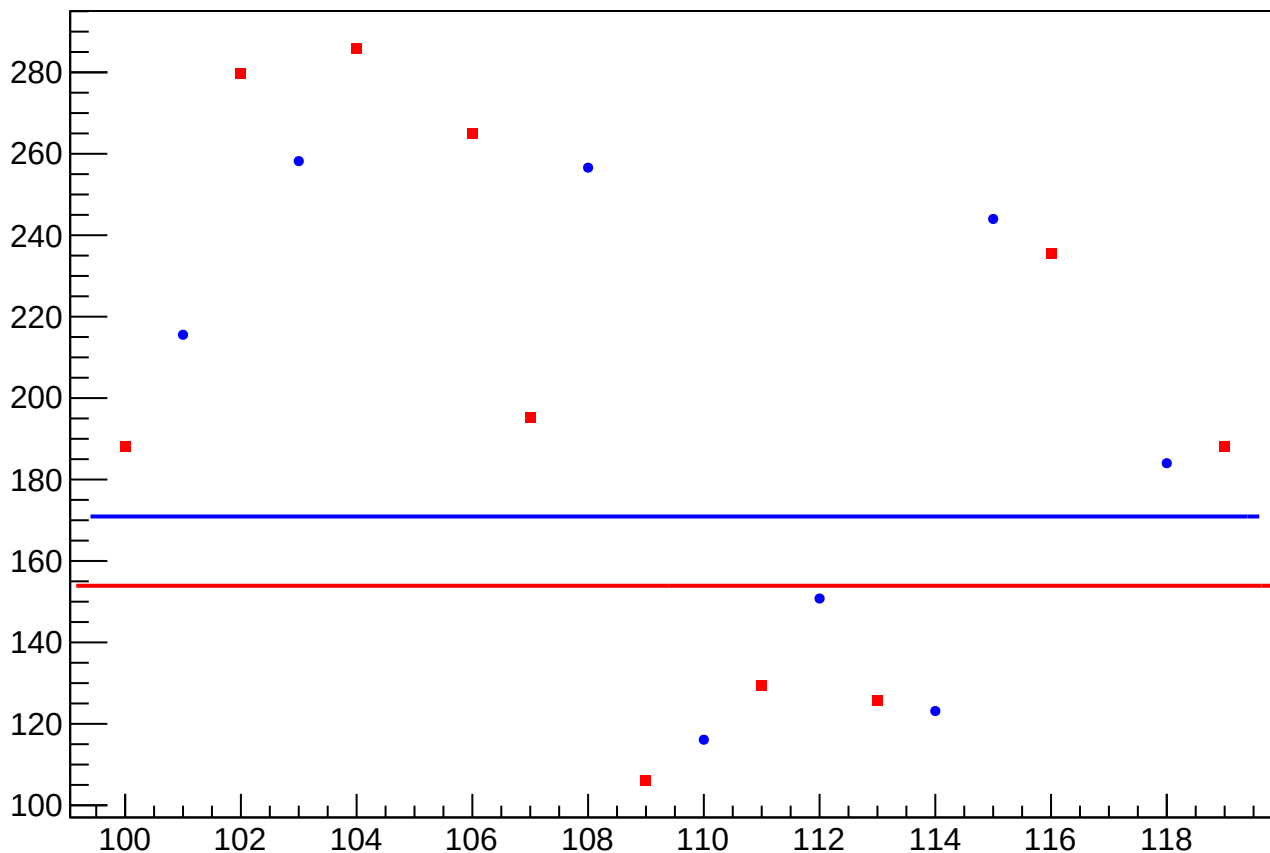
Right: -63.901 $\pm$ 63.760 χ^2 /NDF: 12.7/17

In: -40.578 $\pm$ 99.346 χ^2 /NDF:4.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.901 $\pm$ 63.760 χ^2 /NDF: 12.7/17

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 170.927+/-0.070 χ^2/NDF : 517263.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.912+/-0.059 χ^2/NDF : 965903.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

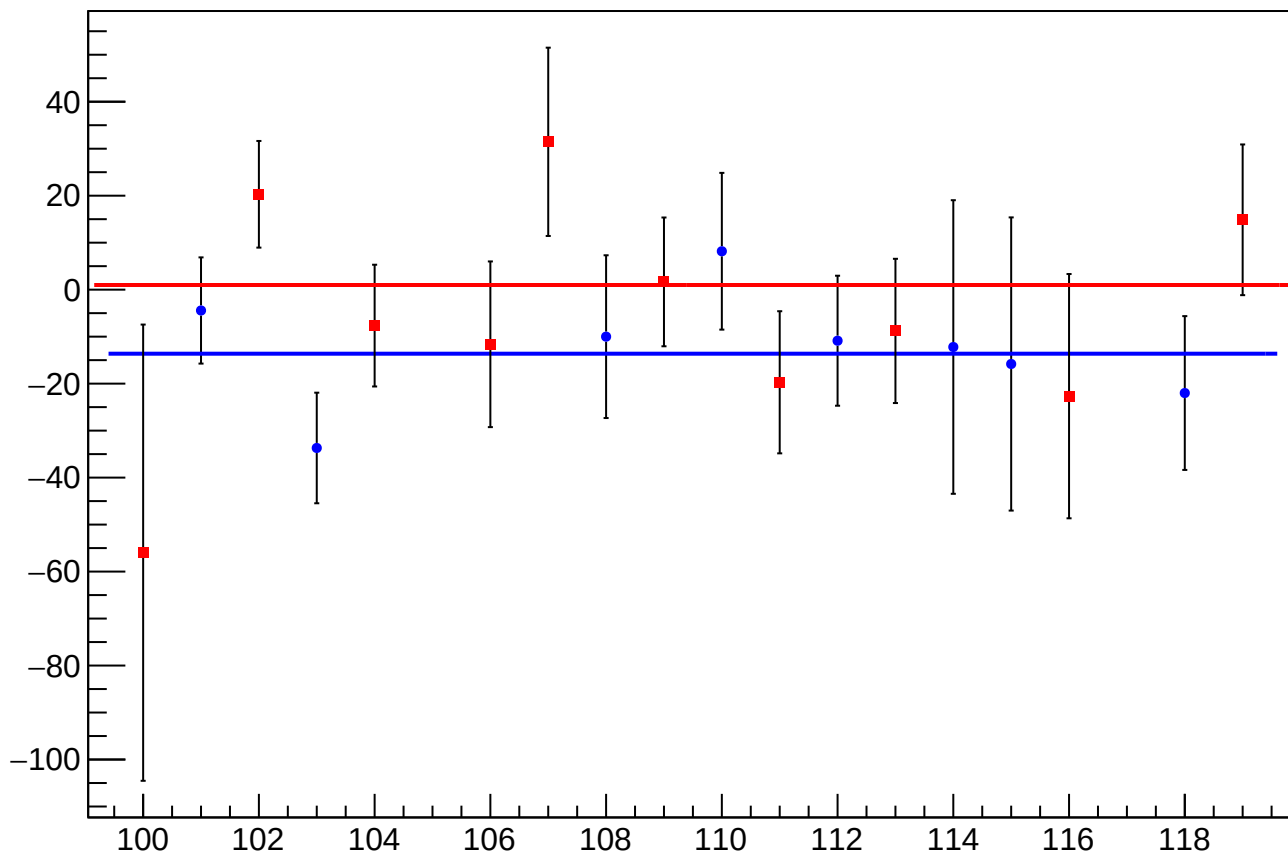
Right: 160.920+/-0.045 χ^2/NDF : 1517668.3/17

In: 170.927+/-0.070 χ^2/NDF : 517263.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.920+/-0.045 χ^2/NDF : 1517668.3/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.630 $\pm$ 5.506 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.992 $\pm$ 5.053 χ^2 /NDF: 11.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

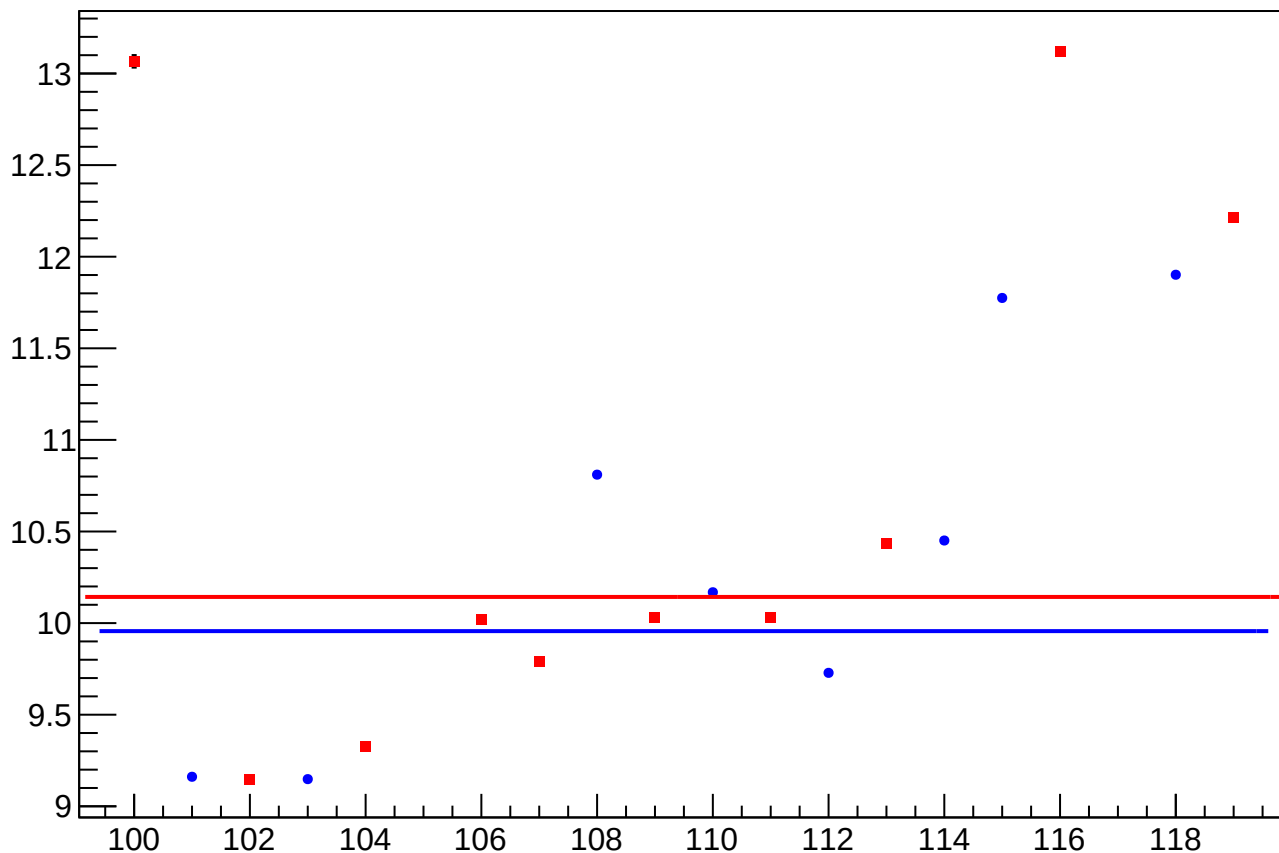
Right: -5.693 $\pm$ 3.723 χ^2 /NDF: 20.9/17

In: -13.630 $\pm$ 5.506 χ^2 /NDF:5.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.693 $\pm$ 3.723 χ^2 /NDF: 20.9/17

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.956+/-0.004 χ^2/NDF : 60603.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.143+/-0.004 χ^2/NDF : 91939.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

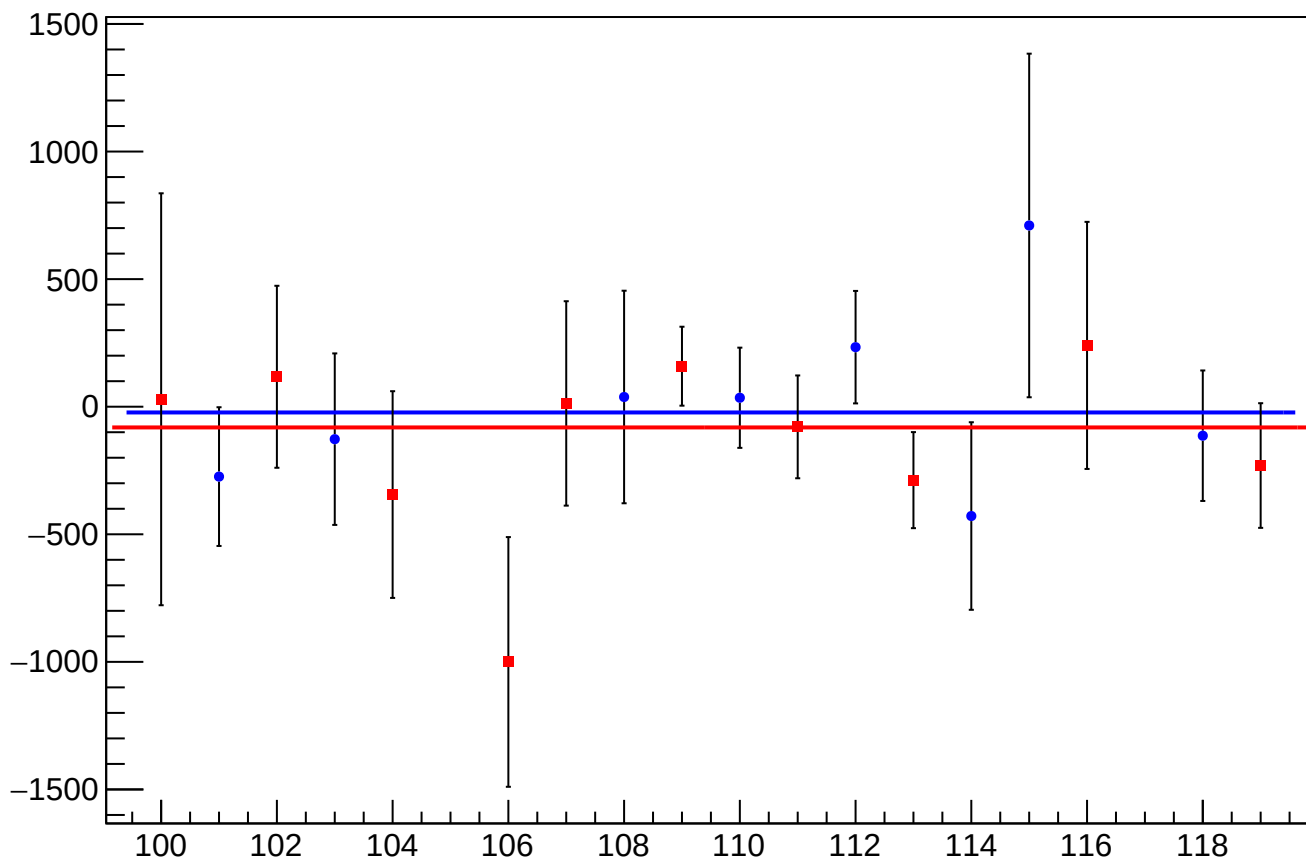
Right: 10.058+/-0.003 χ^2/NDF : 153789.6/17

In: 9.956+/-0.004 χ^2/NDF : 60603.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.058+/-0.003 χ^2/NDF : 153789.6/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -22.539+/-100.211 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.236+/-84.038 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

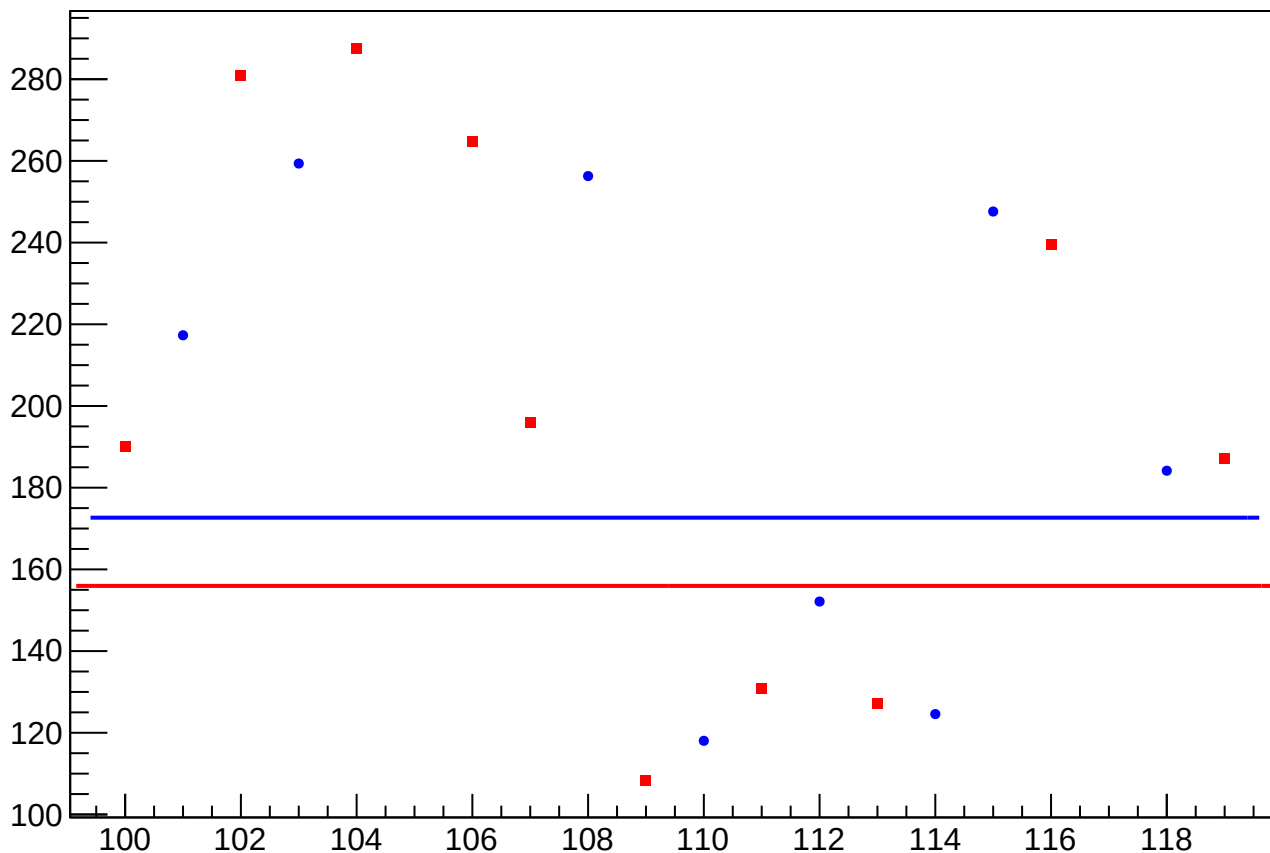
Right: -57.001+/-64.393 χ^2/NDF : 13.9/17

In: -22.539+/-100.211 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.001+/-64.393 χ^2/NDF : 13.9/17

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 172.659+/-0.071 χ^2/NDF : 502840.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.959+/-0.059 χ^2/NDF : 937622.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

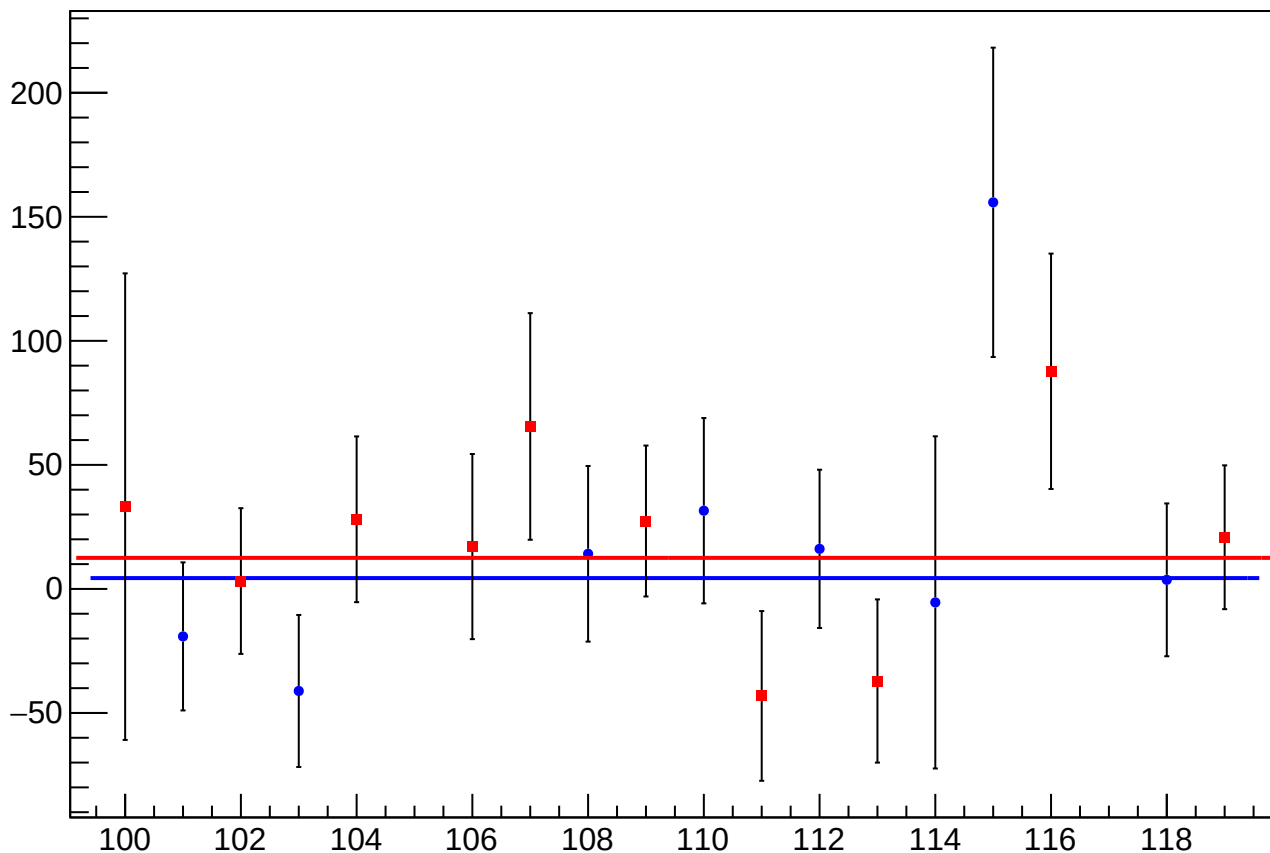
Right: 162.854+/-0.046 χ^2/NDF : 1473073.6/17

In: 172.659+/-0.071 χ^2/NDF : 502840.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.854+/-0.046 χ^2/NDF : 1473073.6/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.370+/-12.679 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.522+/-11.280 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

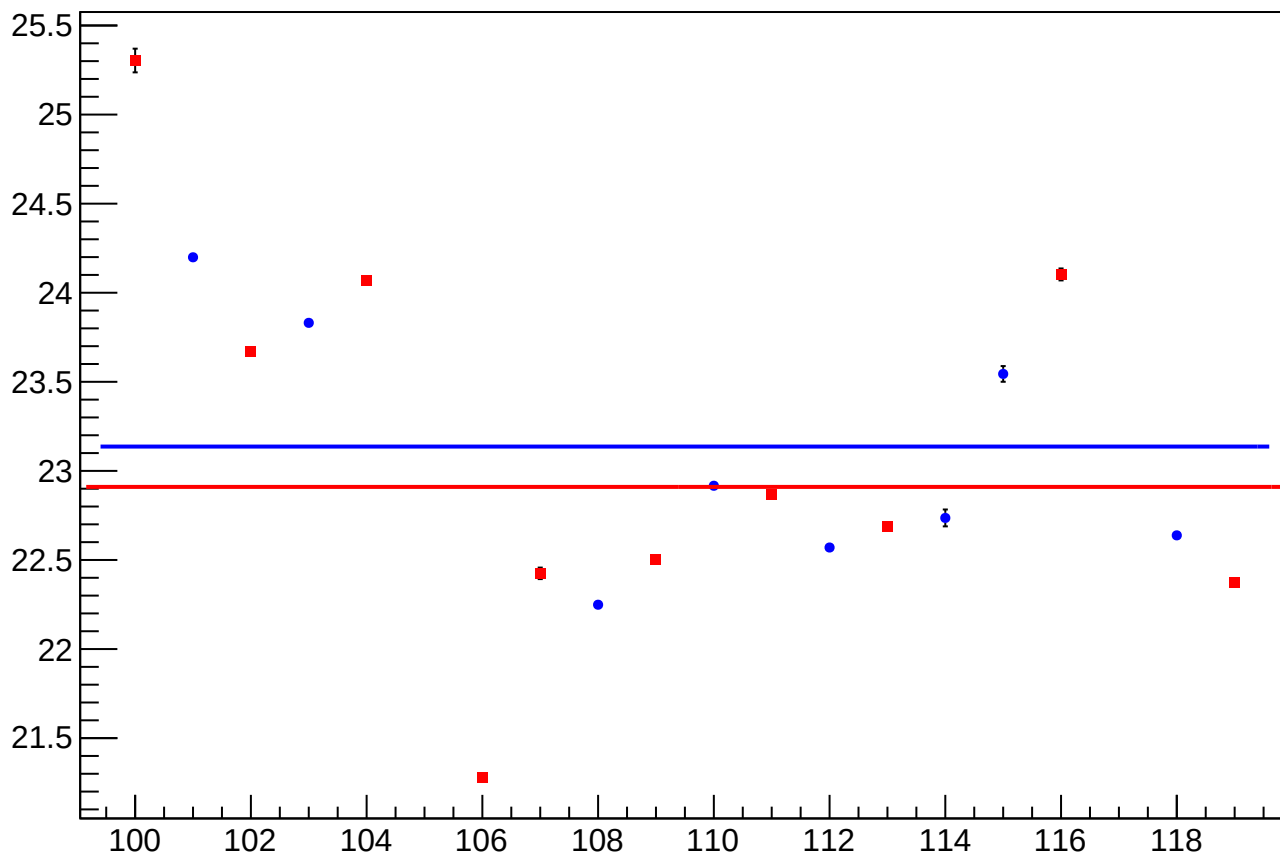
Right: 8.921+/-8.427 χ^2/NDF : 19.2/17

In: 4.370+/-12.679 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.921+/-8.427 χ^2/NDF : 19.2/17

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.137+/-0.009 χ^2/NDF : 6201.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.910+/-0.008 χ^2/NDF : 11467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

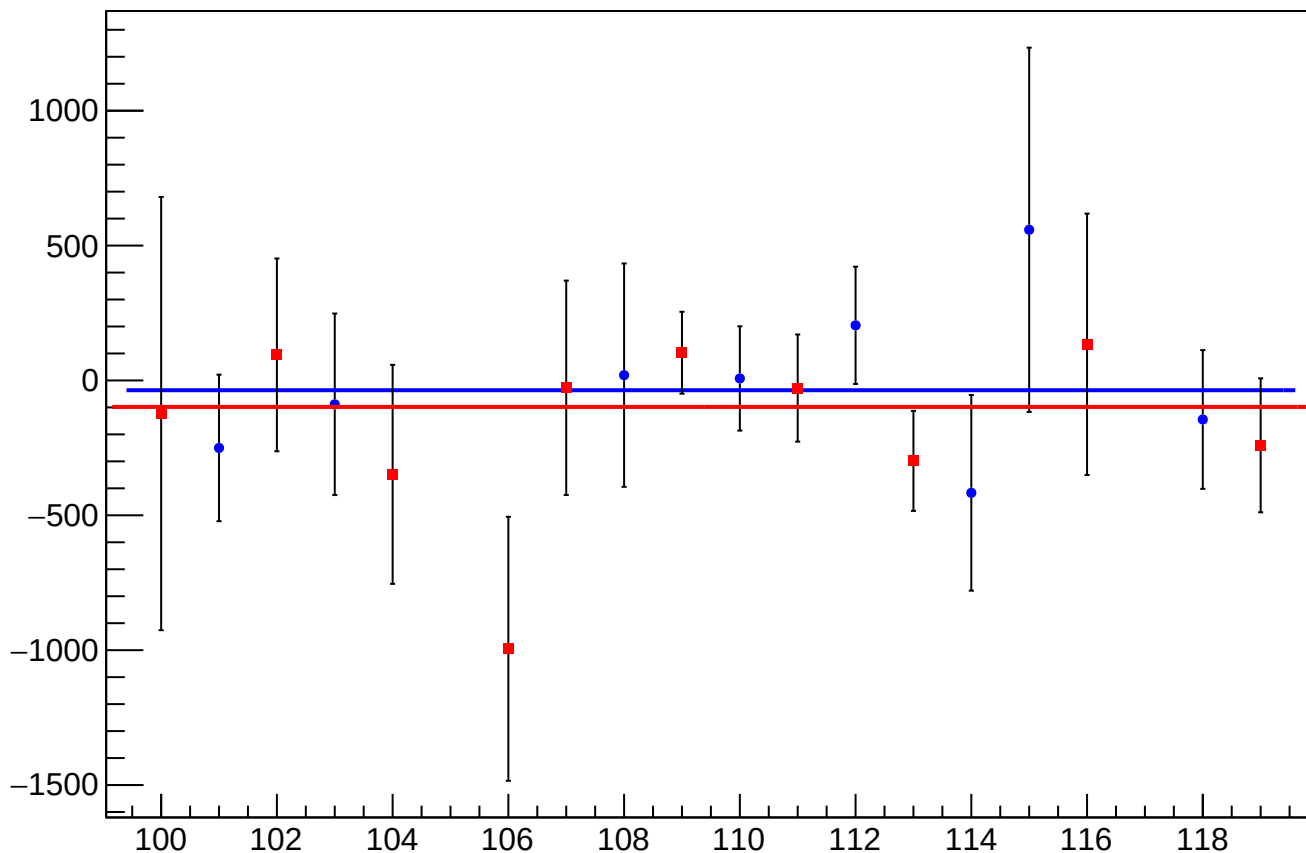
Right: 23.010+/-0.006 χ^2/NDF : 18024.8/17

In: 23.137+/-0.009 χ^2/NDF : 6201.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.010+/-0.006 χ^2/NDF : 18024.8/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -36.270+/-99.491 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -98.108+/-83.266 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

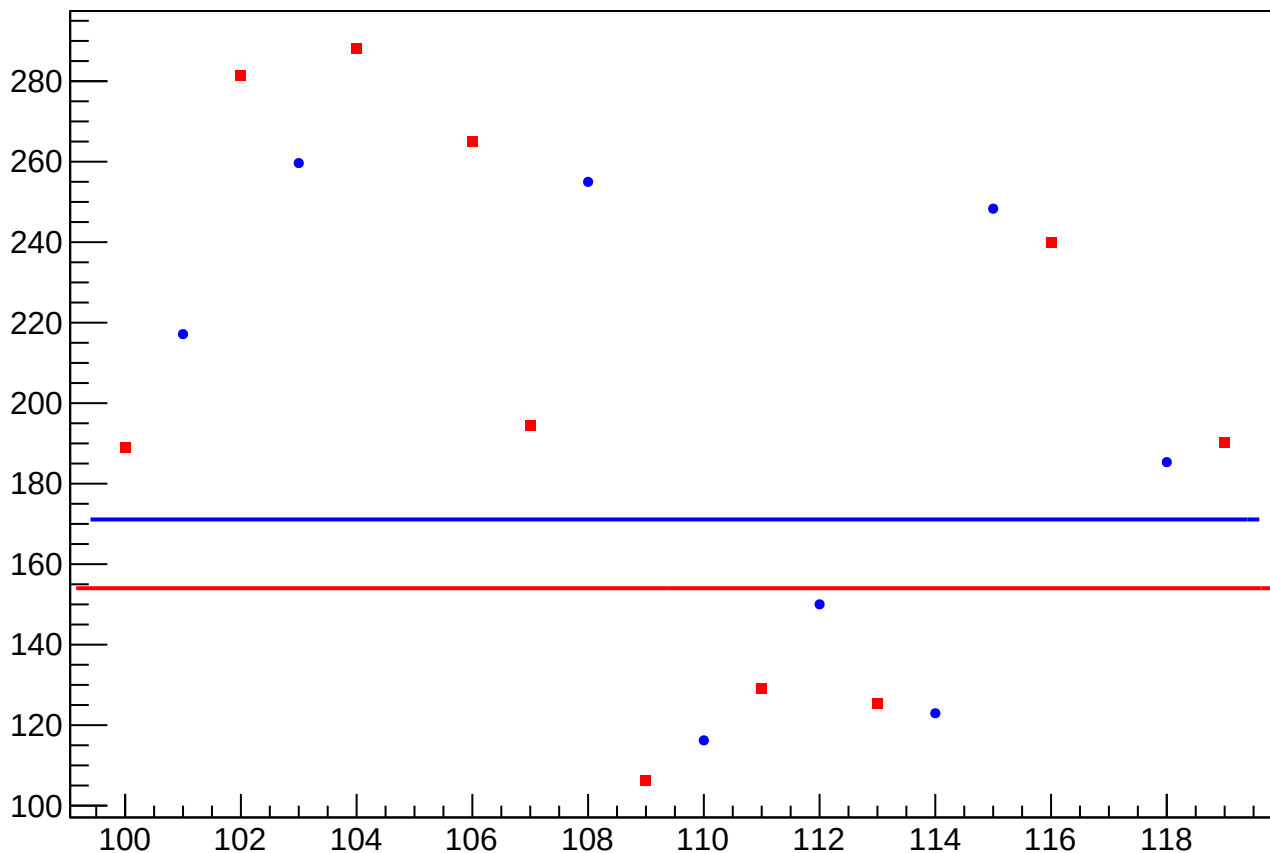
Right: -72.636+/-63.854 χ^2/NDF : 11.9/17

In: -36.270+/-99.491 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.636+/-63.854 χ^2/NDF : 11.9/17

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.103+/-0.070 χ^2/NDF : 525509.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.021+/-0.059 χ^2/NDF : 982054.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

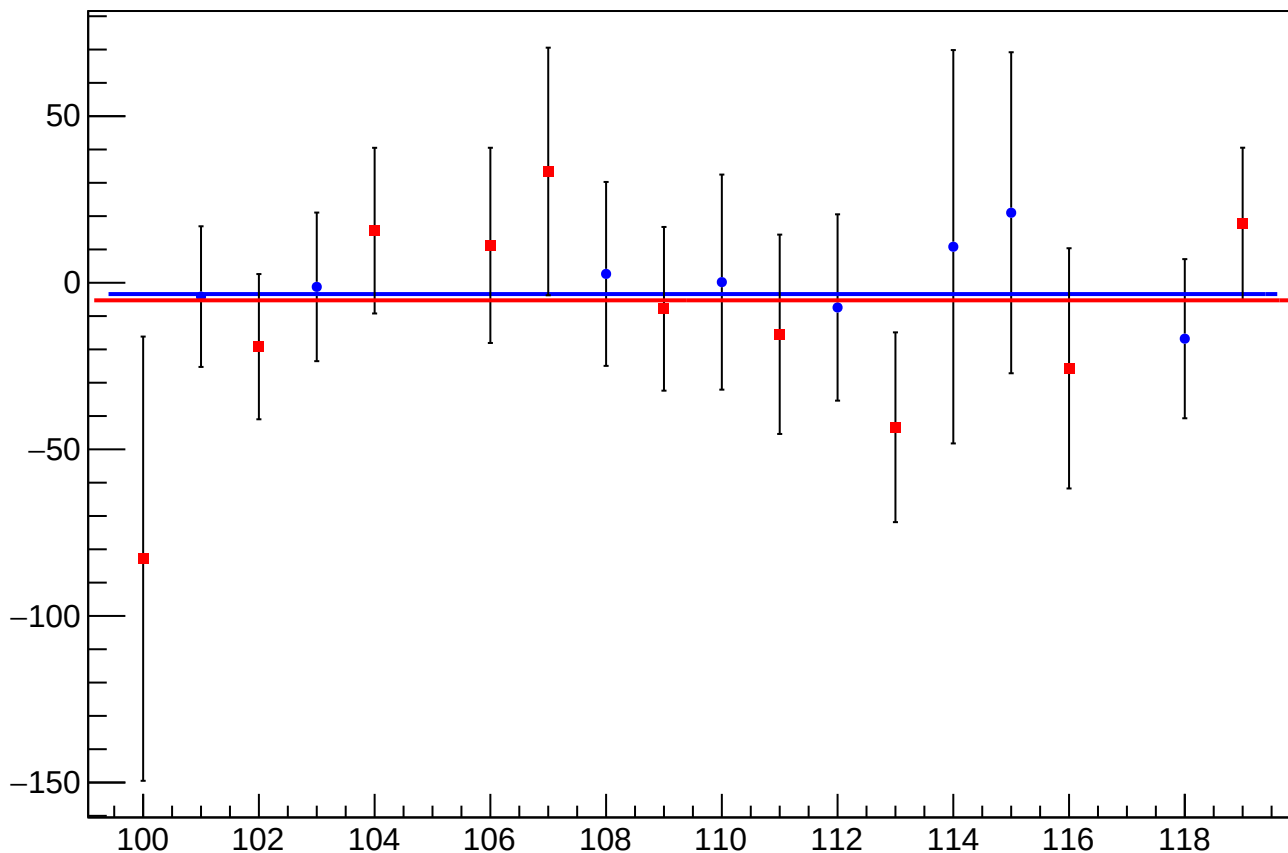
Right: 161.058+/-0.045 χ^2/NDF : 1542234.4/17

In: 171.103+/-0.070 χ^2/NDF : 525509.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.058+/-0.045 χ^2/NDF : 1542234.4/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -3.393+/-9.864 χ^2/NDF : 0.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.271+/-8.934 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

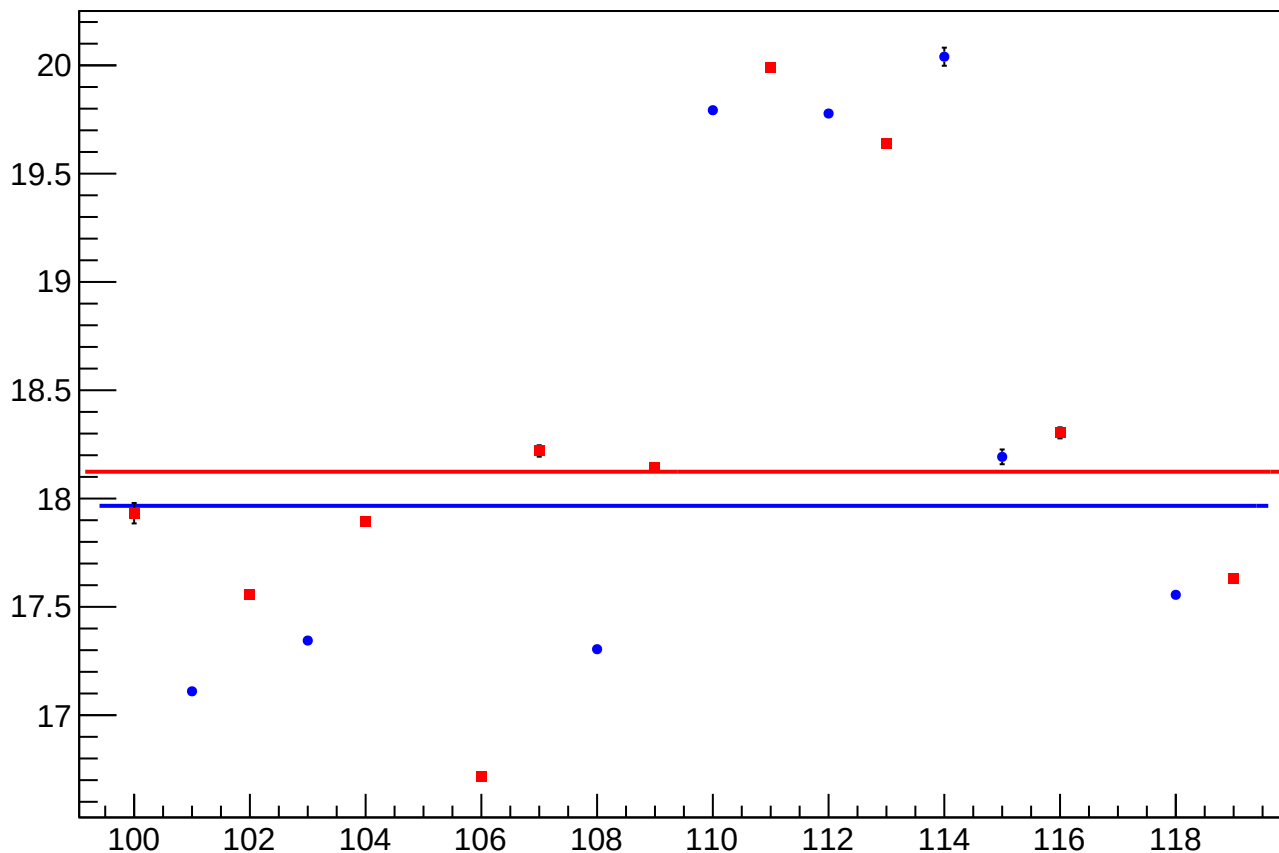
Right: -4.425+/-6.622 χ^2/NDF : 7.9/17

In: -3.393+/-9.864 χ^2/NDF : 0.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.425+/-6.622 χ^2/NDF : 7.9/17

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.966+/-0.007 χ^2/NDF : 23893.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.124+/-0.006 χ^2/NDF : 20573.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

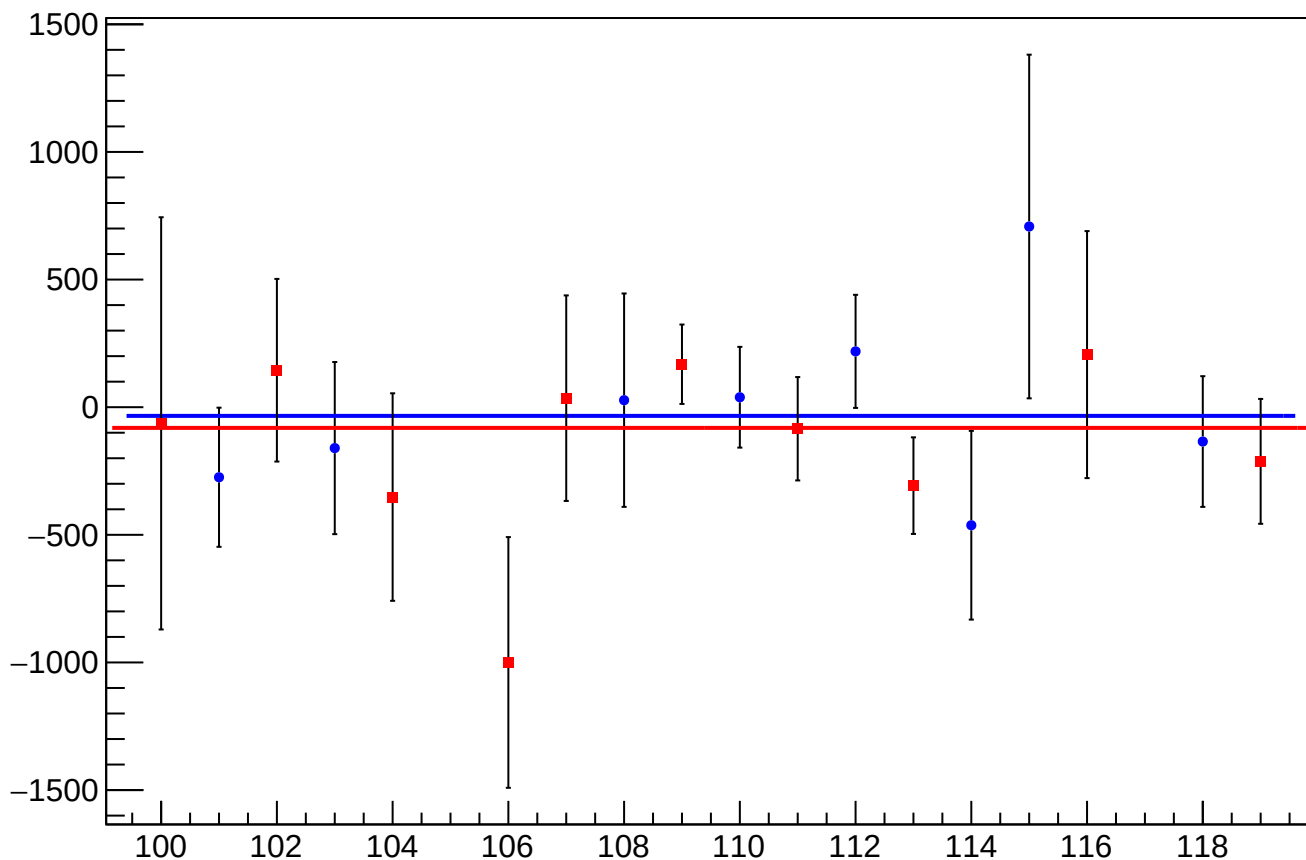
Right: 18.053+/-0.005 χ^2/NDF : 44746.6/17

In: 17.966+/-0.007 χ^2/NDF : 23893.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.053+/-0.005 χ^2/NDF : 44746.6/17

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -34.019 $\pm$ 100.601 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.055 $\pm$ 84.402 χ^2 /NDF: 9.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

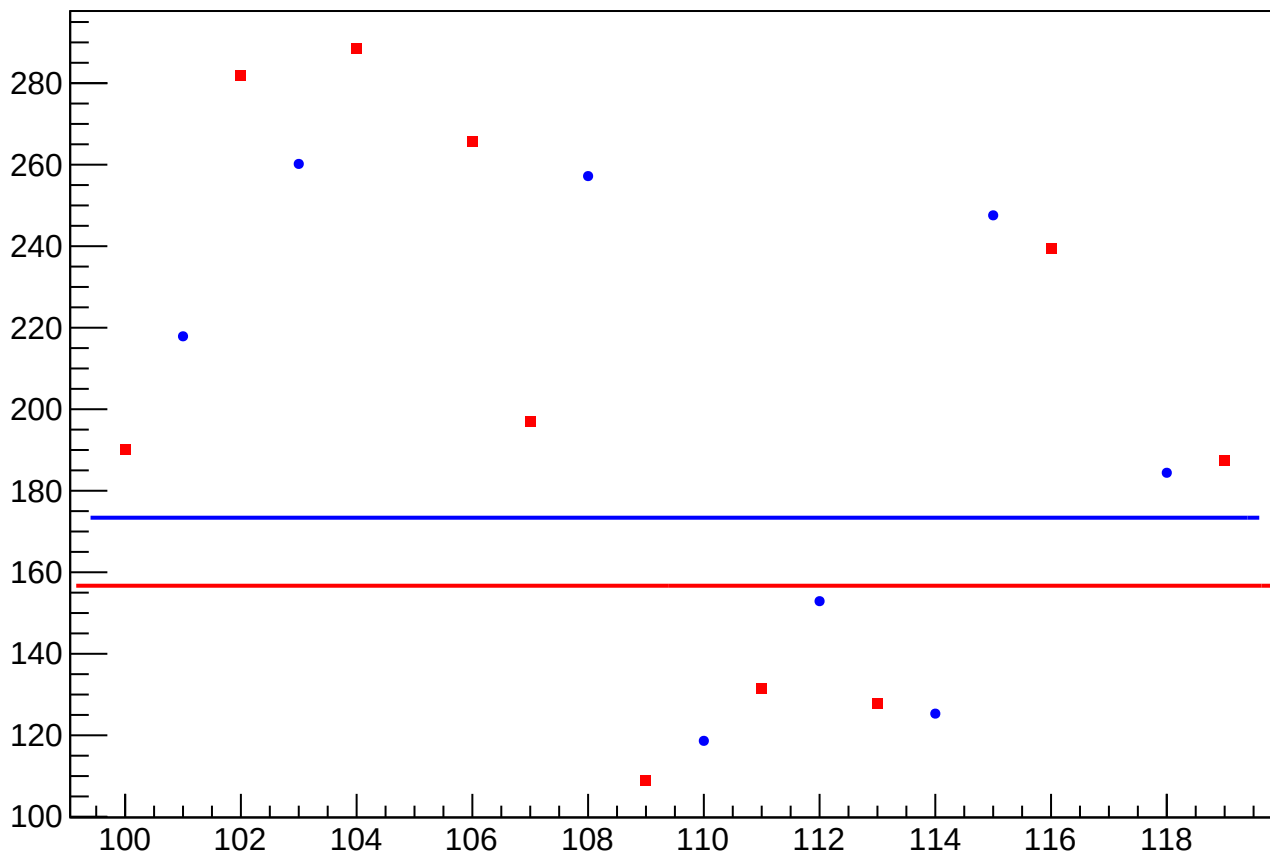
Right: -61.624 $\pm$ 64.660 χ^2 /NDF: 14.3/17

In: -34.019 $\pm$ 100.601 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.624 $\pm$ 64.660 χ^2 /NDF: 14.3/17

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 173.387+/-0.071 χ^2/NDF : 499076.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.698+/-0.060 χ^2/NDF : 932159.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

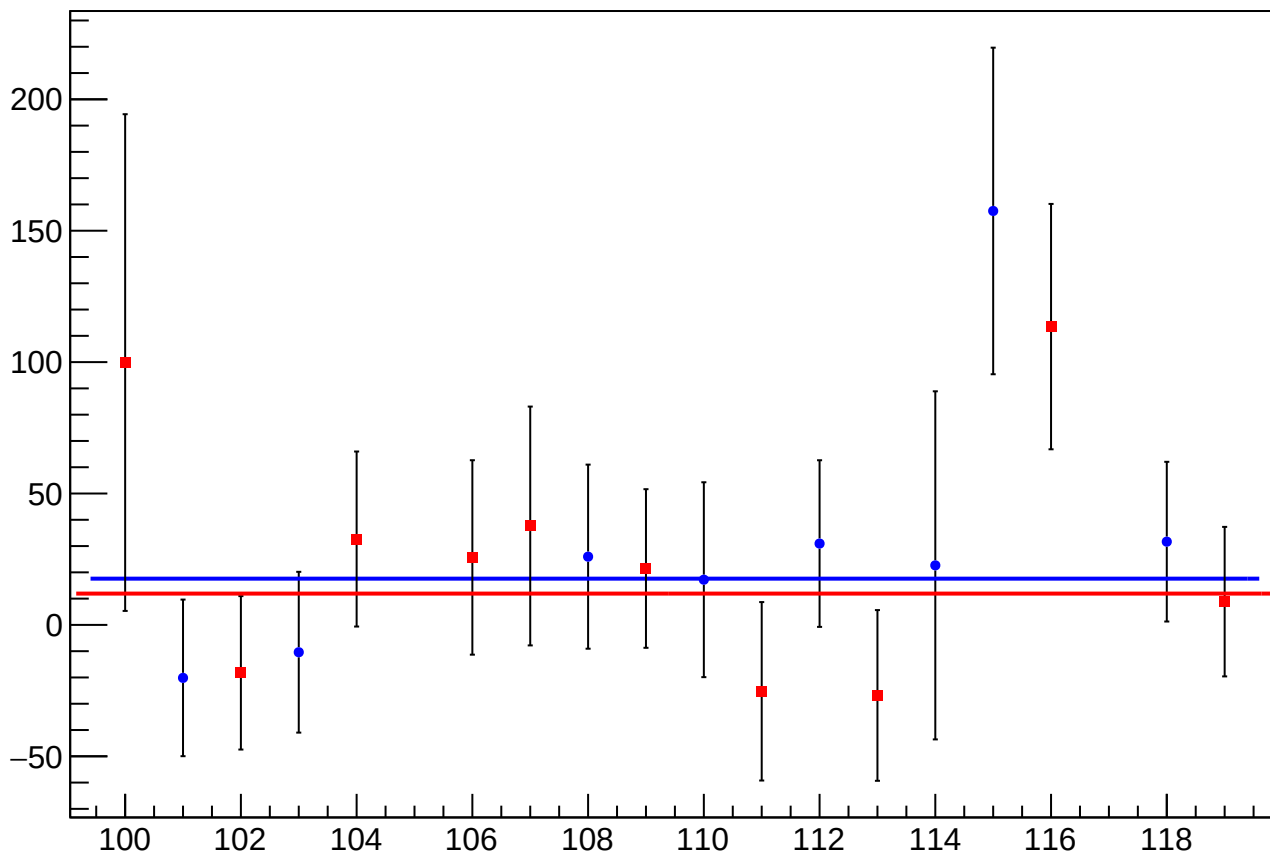
Right: 163.592+/-0.046 χ^2/NDF : 1463540.0/17

In: 173.387+/-0.071 χ^2/NDF : 499076.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.592+/-0.046 χ^2/NDF : 1463540.0/17

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 17.600+/-12.597 χ^2/NDF : 8.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.916+/-11.174 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

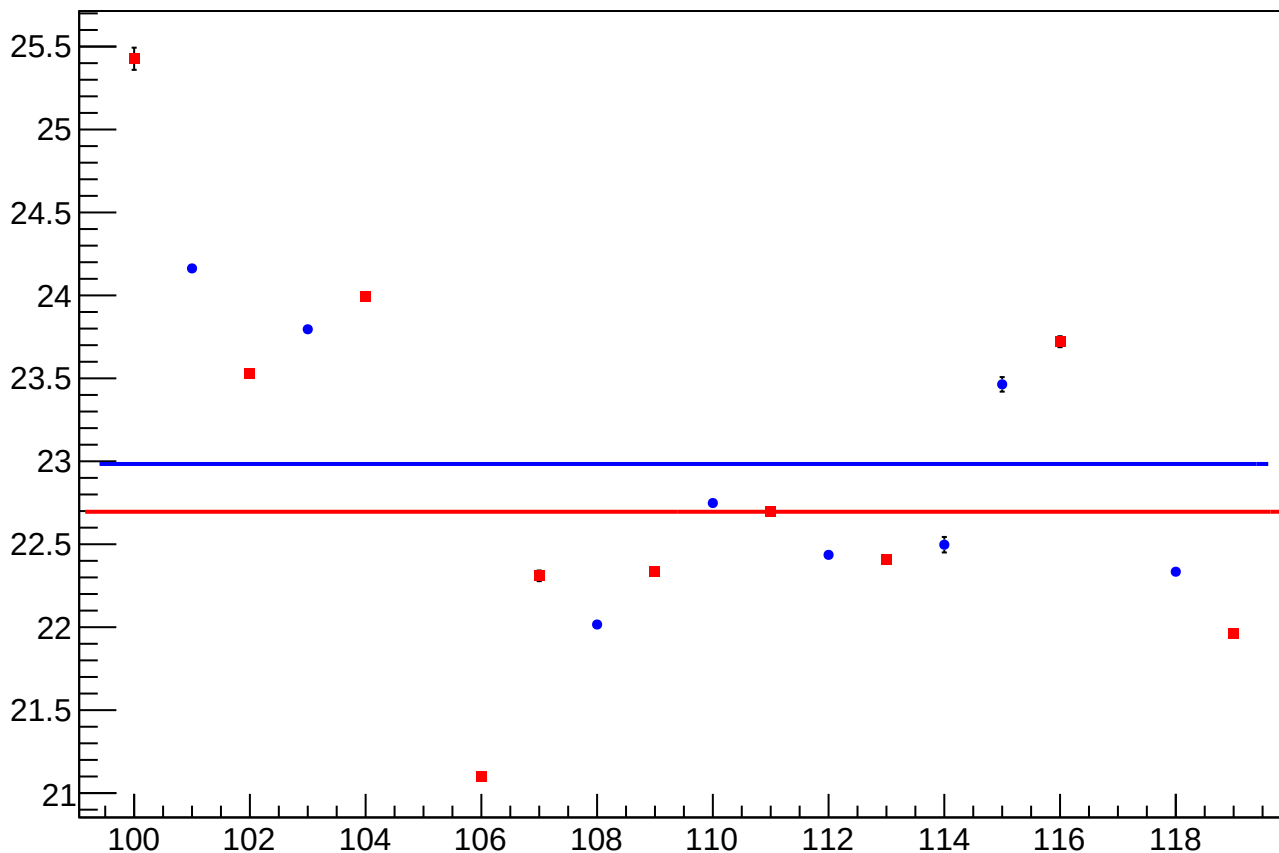
Right: 14.419+/-8.359 χ^2/NDF : 18.3/17

In: 17.600+/-12.597 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.419+/-8.359 χ^2/NDF : 18.3/17

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.984+/-0.009 χ^2/NDF : 7885.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.696+/-0.008 χ^2/NDF : 12929.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

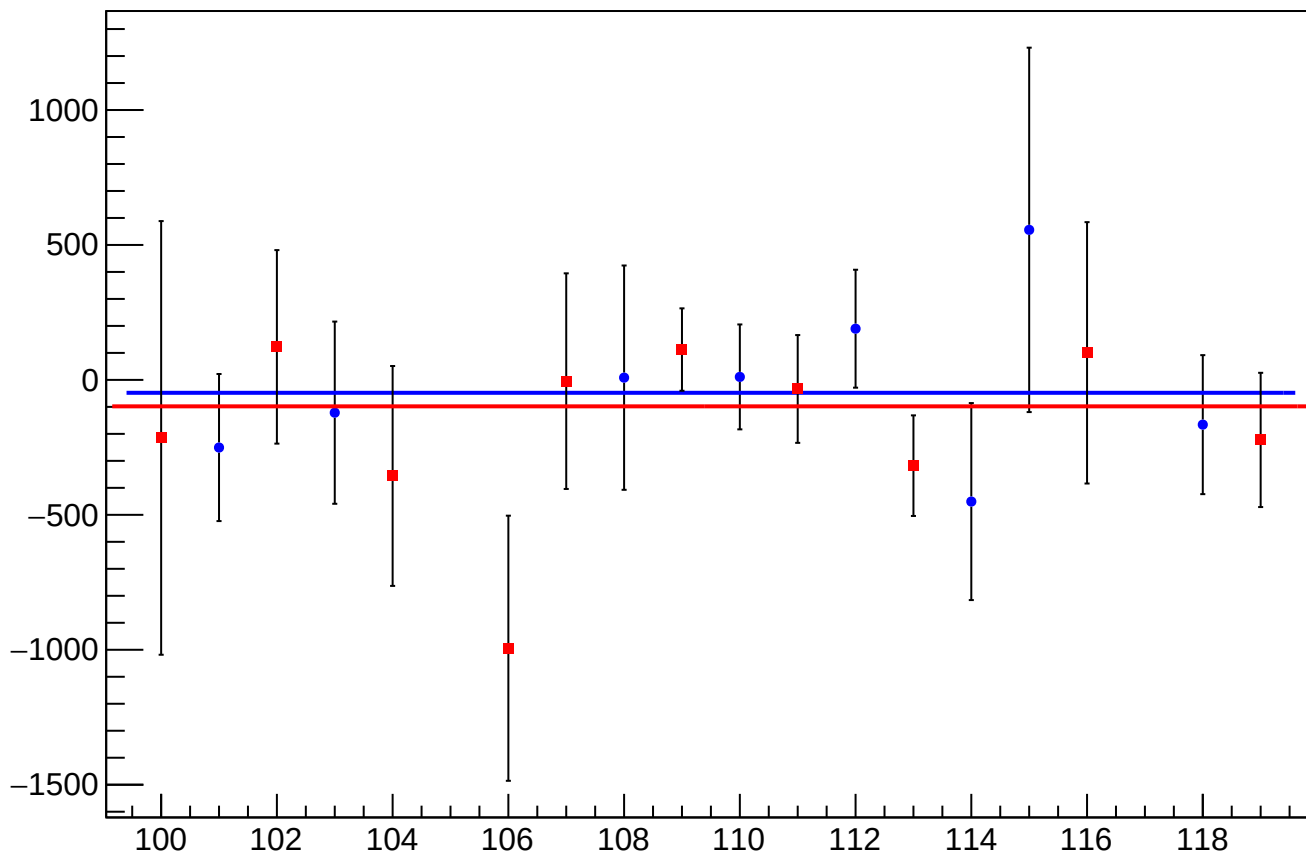
Right: 22.823+/-0.006 χ^2/NDF : 21400.3/17

In: 22.984+/-0.009 χ^2/NDF : 7885.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.823+/-0.006 χ^2/NDF : 21400.3/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -47.827 $\pm$ 99.885 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -98.008 $\pm$ 83.634 χ^2 /NDF: 8.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

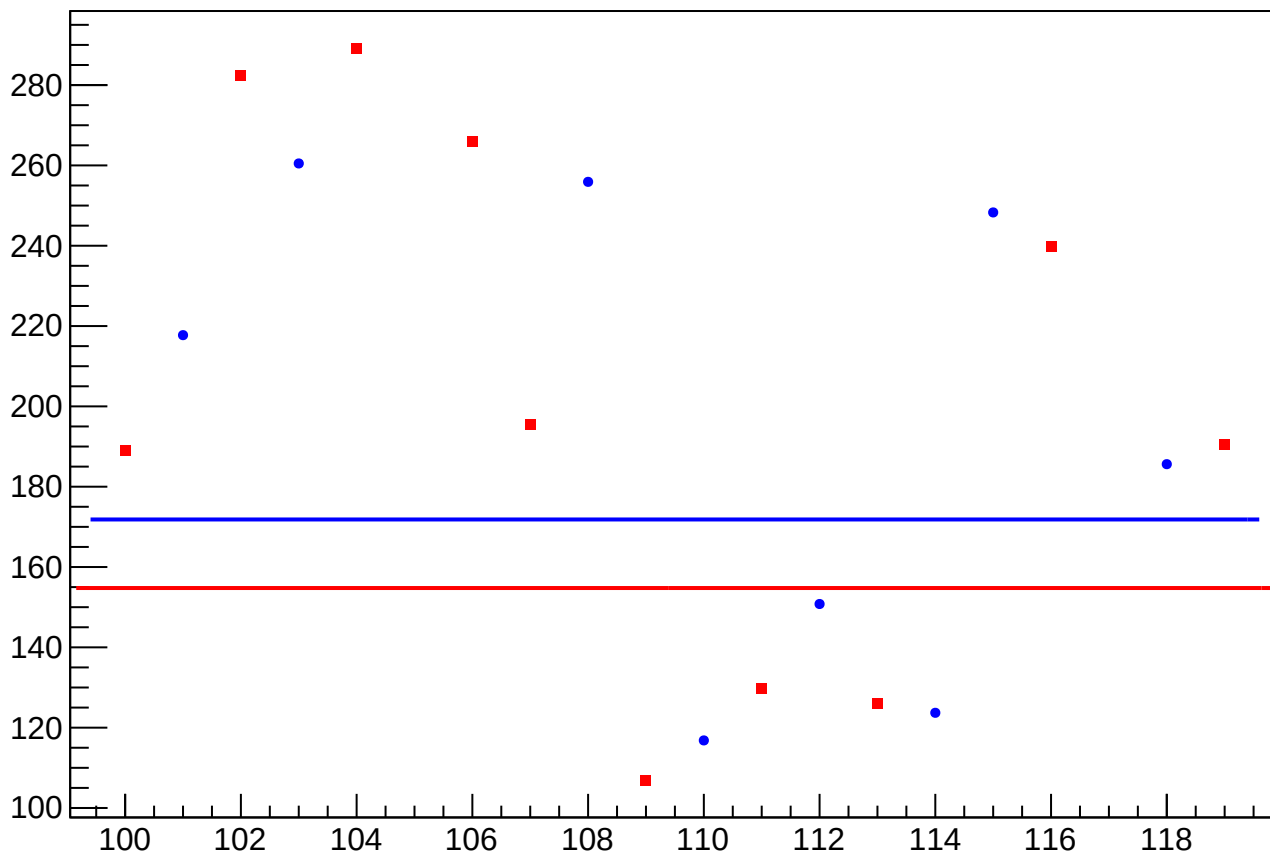
Right: -77.327 $\pm$ 64.124 χ^2 /NDF: 12.3/17

In: -47.827 $\pm$ 99.885 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -77.327 $\pm$ 64.124 χ^2 /NDF: 12.3/17

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 171.839+/-0.071 χ^2/NDF : 521461.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.770+/-0.059 χ^2/NDF : 976180.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

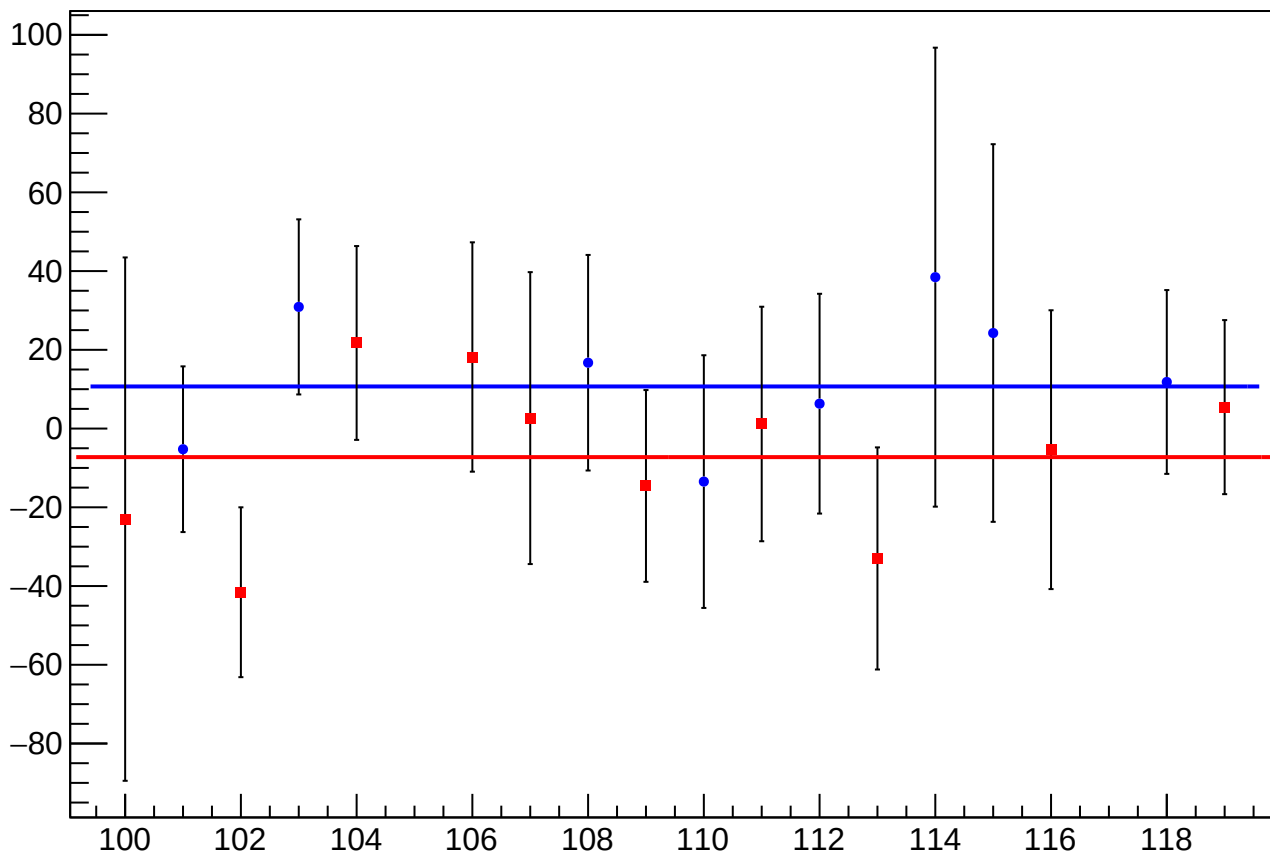
Right: 161.805+/-0.045 χ^2/NDF : 1531977.2/17

In: 171.839+/-0.071 χ^2/NDF : 521461.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.805+/-0.045 χ^2/NDF : 1531977.2/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.694+/-9.791 χ^2/NDF : 2.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.254+/-8.823 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

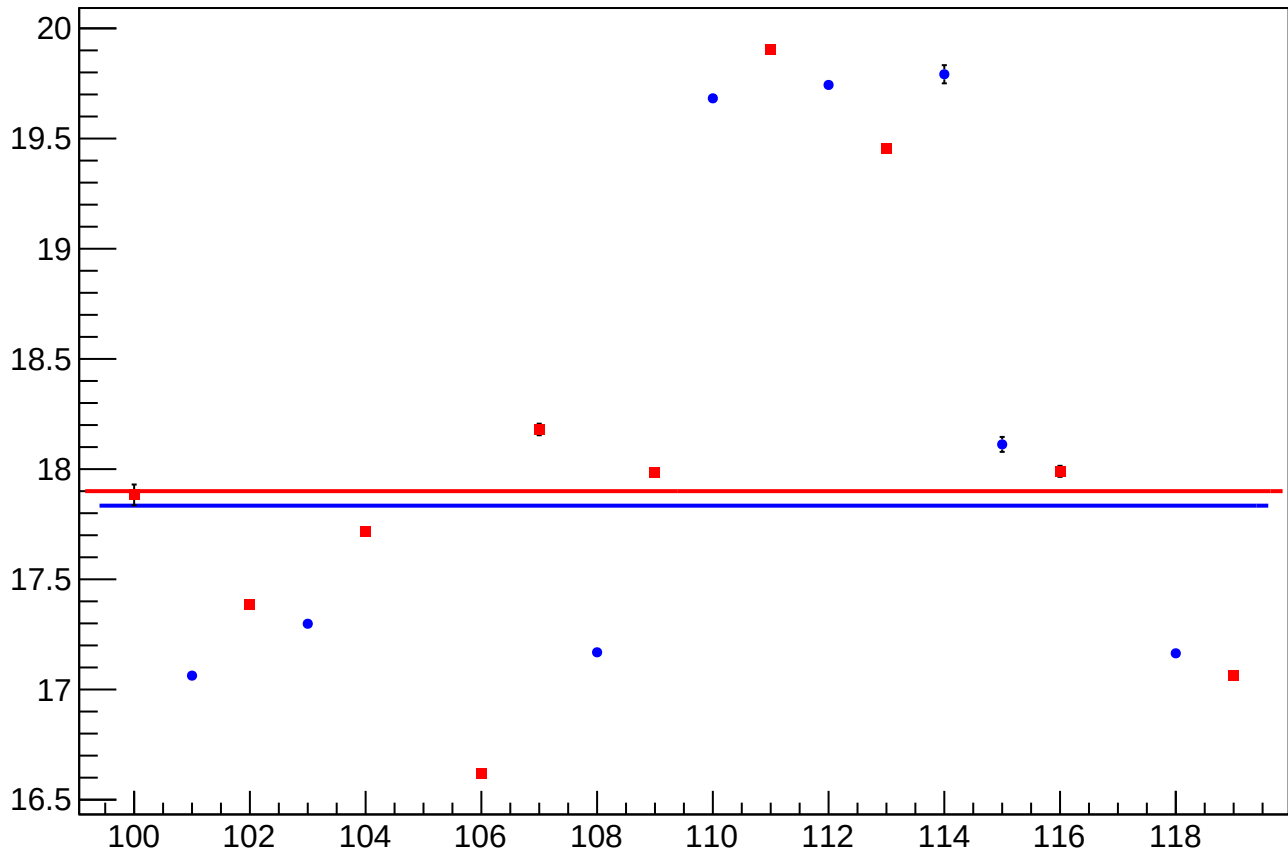
Right: 0.790+/-6.554 χ^2/NDF : 10.3/17

In: 10.694+/-9.791 χ^2/NDF : 2.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.790+/-6.554 χ^2/NDF : 10.3/17

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.834+/-0.007 χ^2/NDF : 24986.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.900+/-0.006 χ^2/NDF : 23269.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

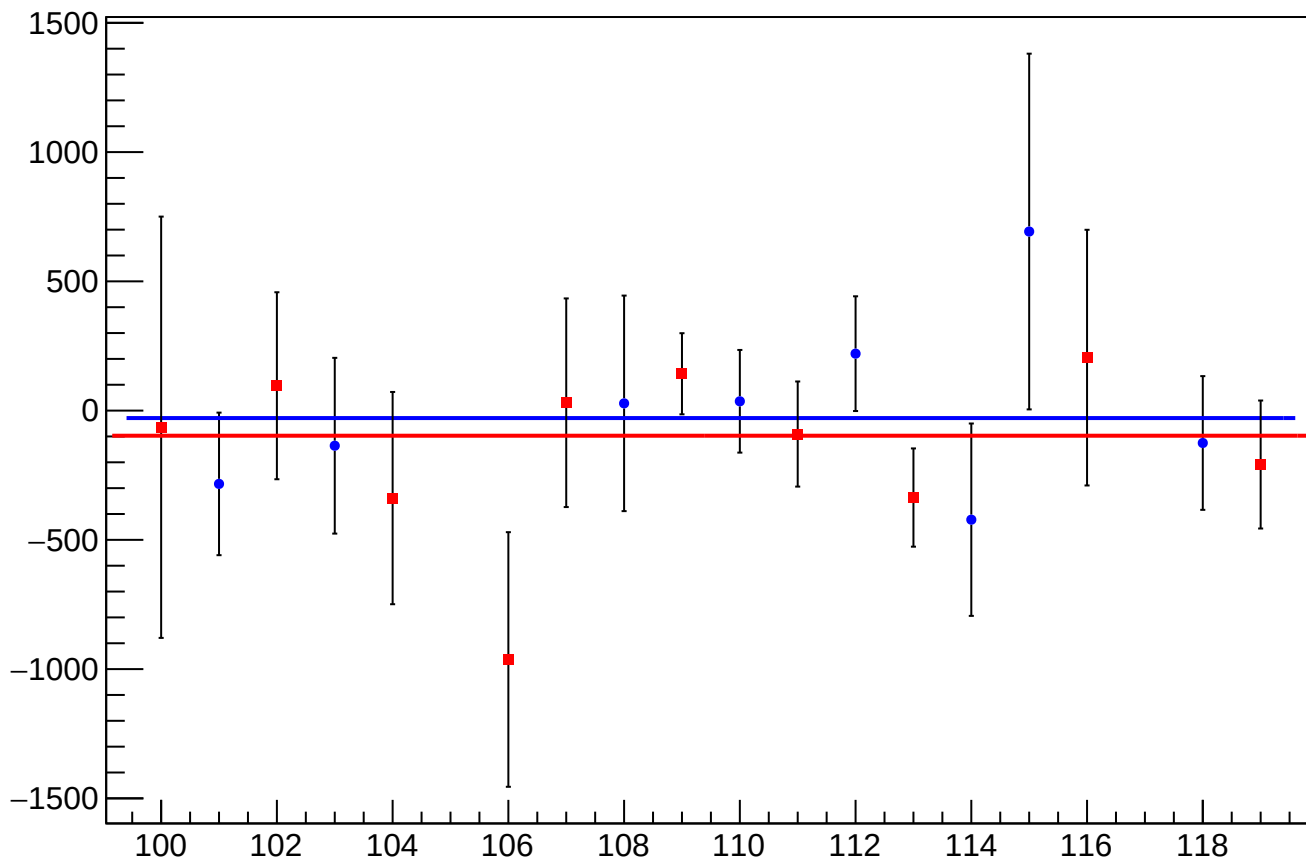
Right: 17.871+/-0.005 χ^2/NDF : 48306.0/17

In: 17.834+/-0.007 χ^2/NDF :24986.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.871+/-0.005 χ^2/NDF : 48306.0/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -28.871+/-101.266 χ^2/NDF : 4.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -97.153+/-85.043 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

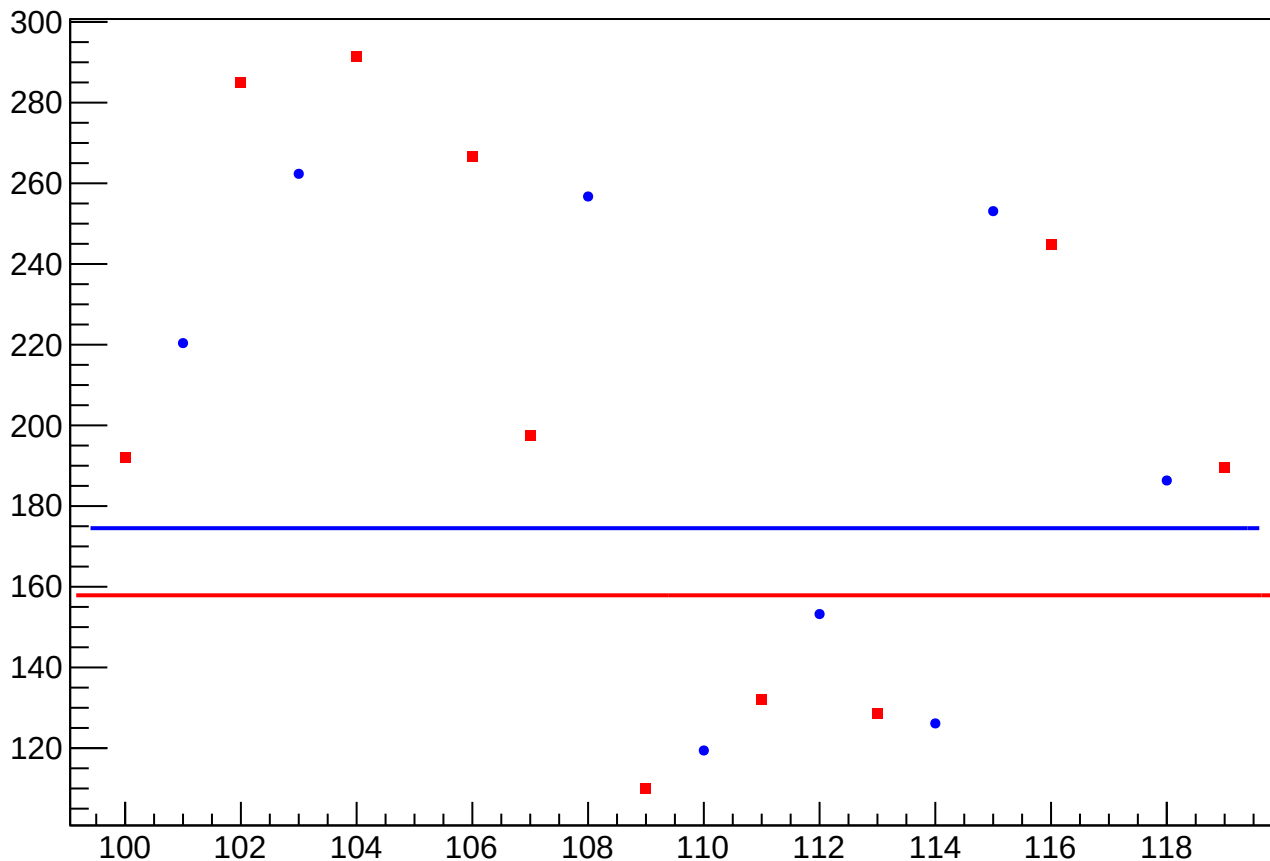
Right: -68.913+/-65.124 χ^2/NDF : 13.3/17

In: -28.871+/-101.266 χ^2/NDF :4.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -68.913+/-65.124 χ^2/NDF : 13.3/17

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 174.520 $\pm$ 0.072 χ^2 /NDF: 503165.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.882 $\pm$ 0.060 χ^2 /NDF: 938865.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

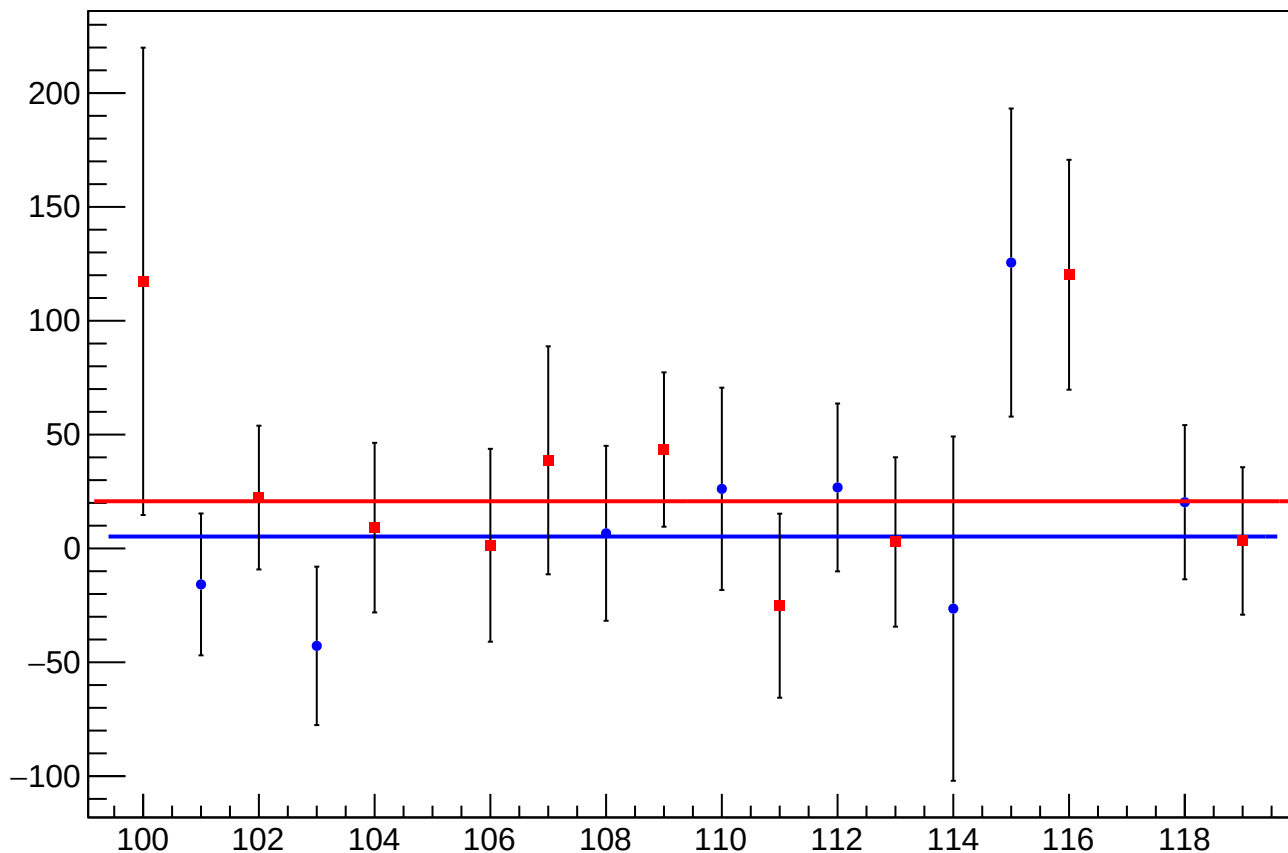
Right: 164.764 $\pm$ 0.046 χ^2 /NDF: 1473690.5/17

In: 174.520 $\pm$ 0.072 χ^2 /NDF:503165.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 164.764 $\pm$ 0.046 χ^2 /NDF: 1473690.5/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.229+/-14.083 χ^2/NDF : 6.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.729+/-12.572 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

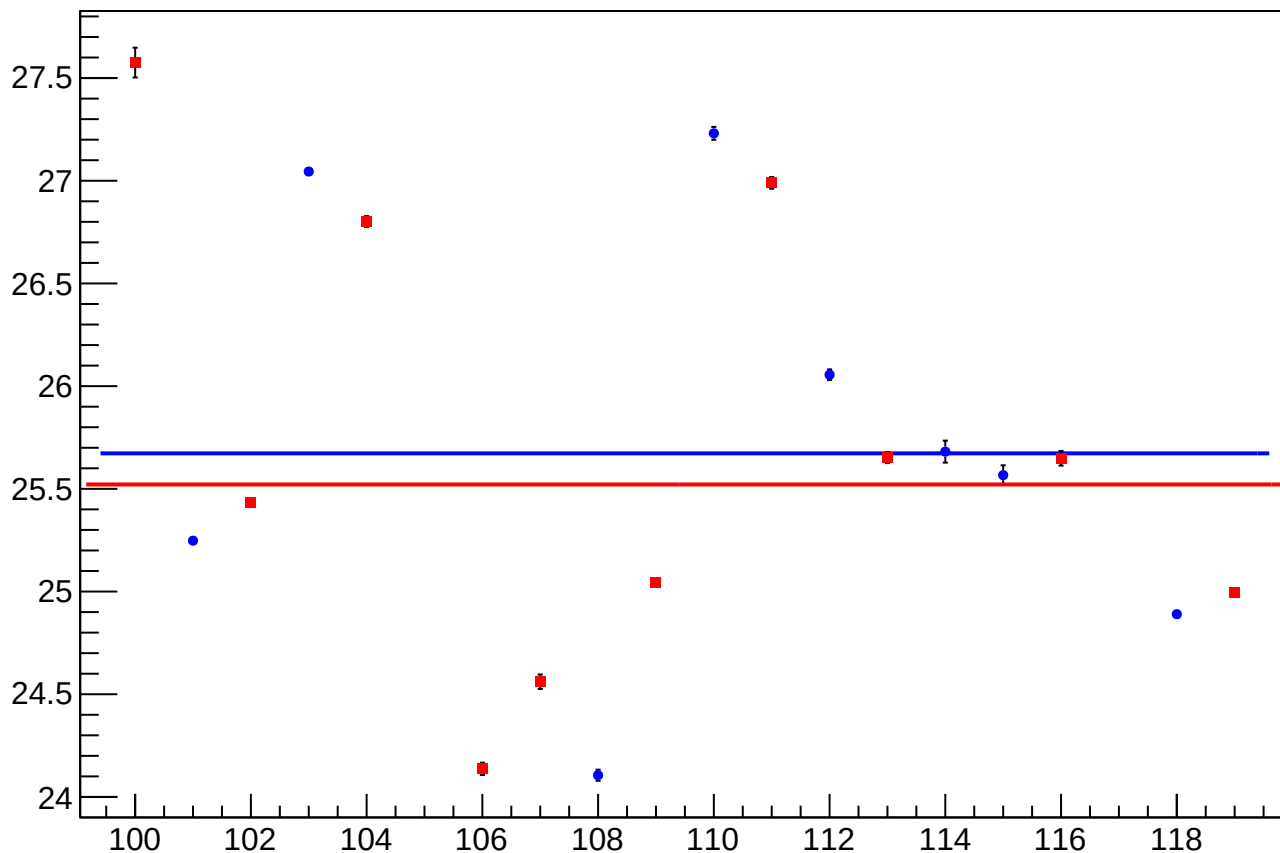
Right: 13.855+/-9.378 χ^2/NDF : 14.6/17

In: 5.229+/-14.083 χ^2/NDF : 6.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.855+/-9.378 χ^2/NDF : 14.6/17

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.673+/-0.010 χ^2/NDF : 10560.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.521+/-0.009 χ^2/NDF : 9657.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

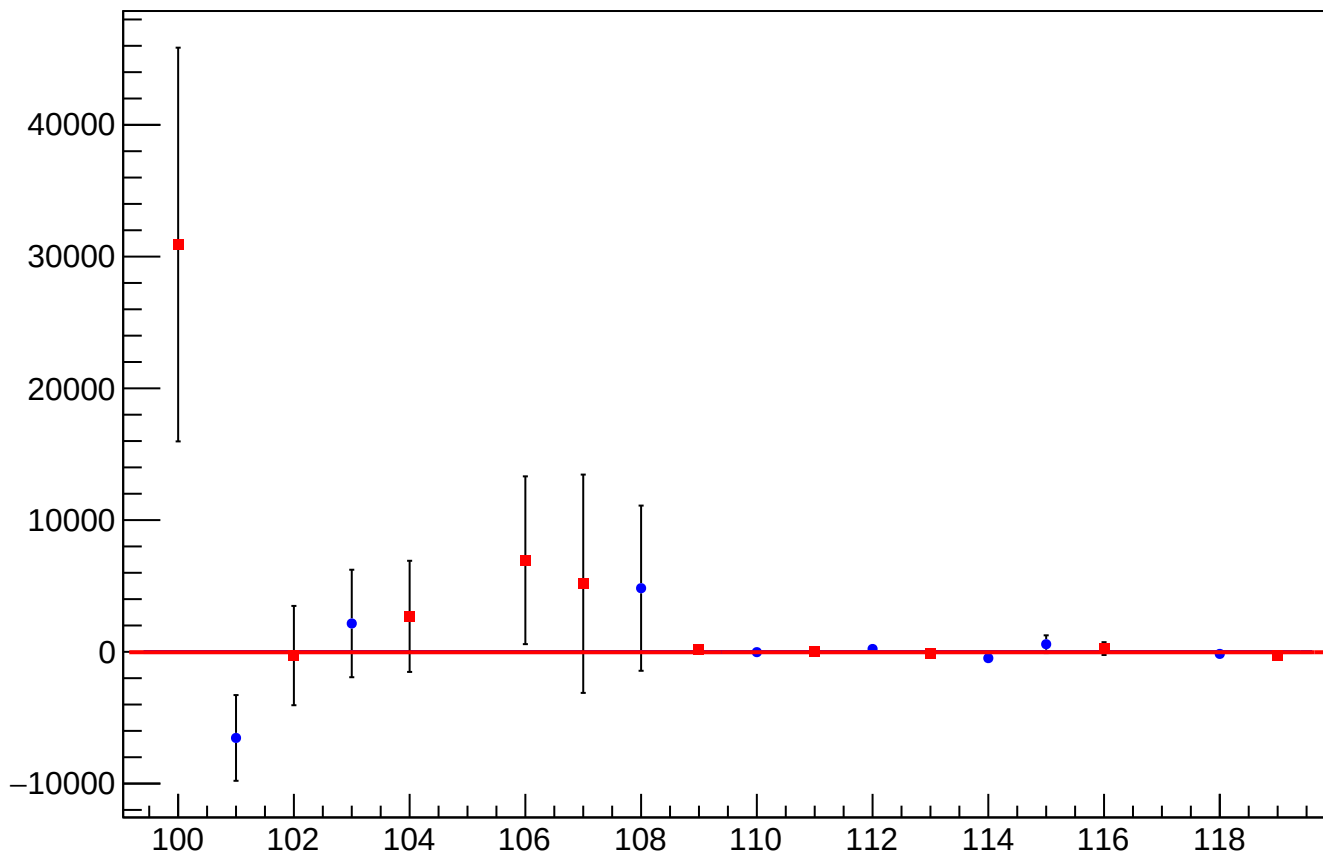
Right: 25.588+/-0.007 χ^2/NDF : 20346.8/17

In: 25.673+/-0.010 χ^2/NDF : 10560.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.588+/-0.007 χ^2/NDF : 20346.8/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -15.166+/-117.909 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.914+/-101.934 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

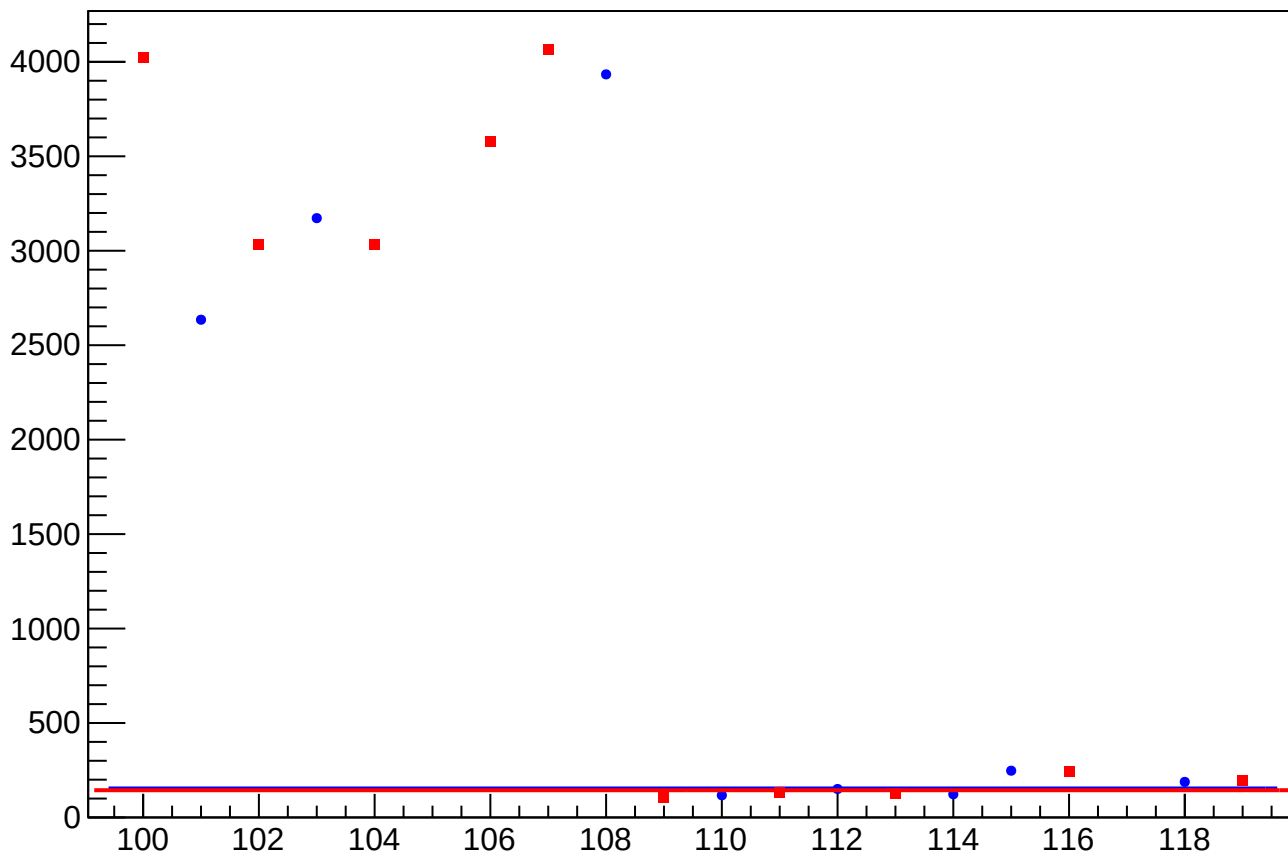
Right: -24.178+/-77.112 χ^2/NDF : 18.1/17

In: -15.166+/-117.909 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.178+/-77.112 χ^2/NDF : 18.1/17

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 153.374+/-0.083 χ^2/NDF : 3143519.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.168+/-0.072 χ^2/NDF : 3533249.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

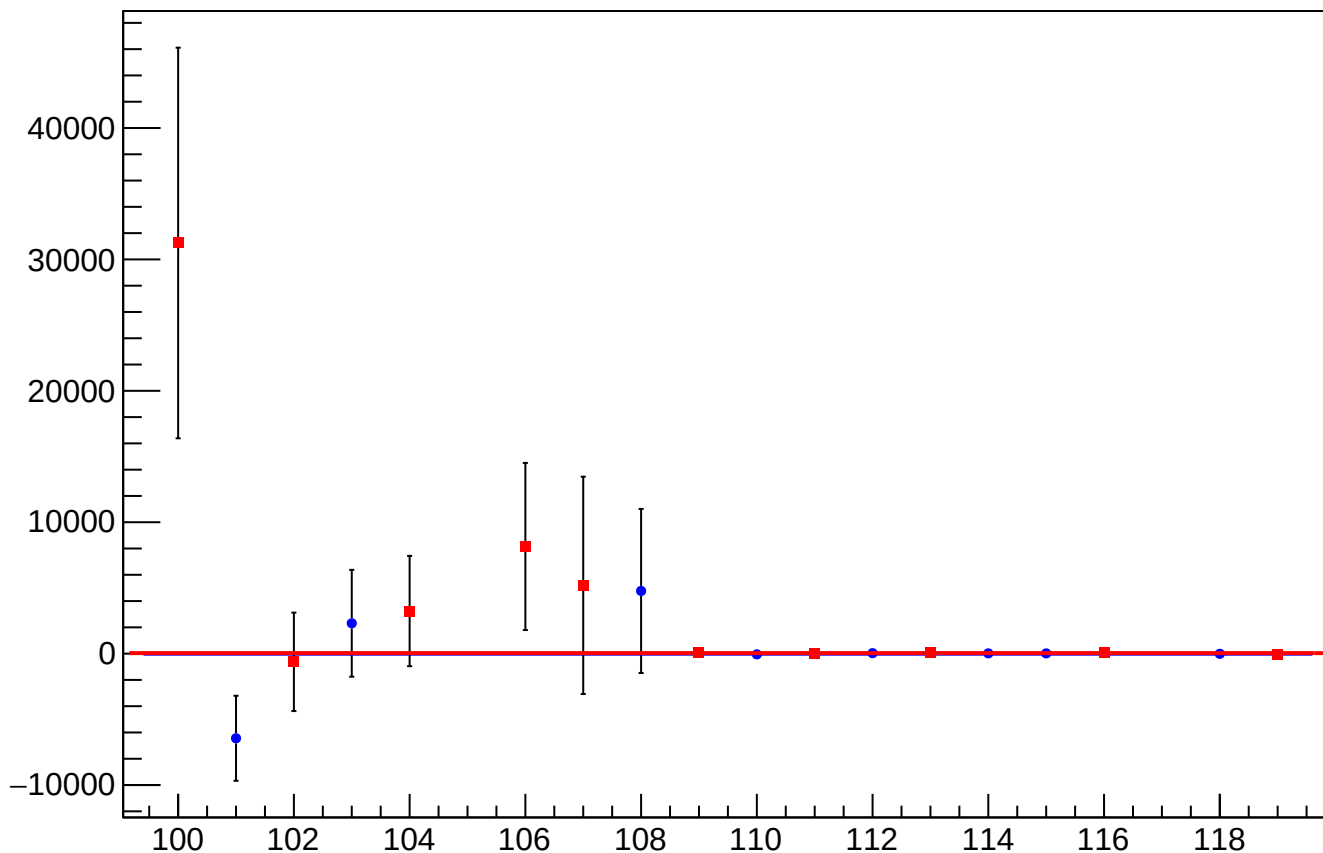
Right: 148.106+/-0.055 χ^2/NDF : 6683744.9/17

In: 153.374+/-0.083 χ^2/NDF :3143519.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.106+/-0.055 χ^2/NDF : 6683744.9/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.611+/-21.334 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.413+/-19.592 χ^2/NDF : 18.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

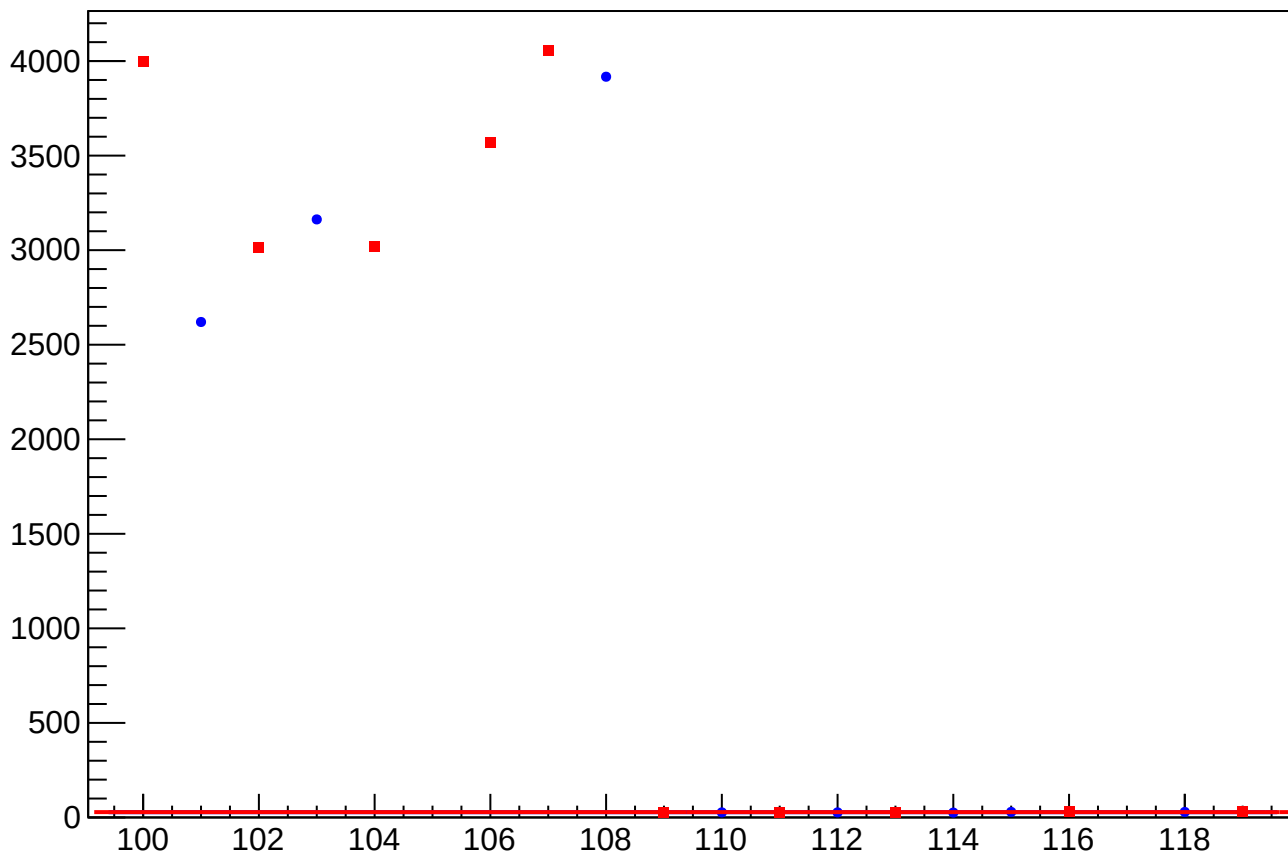
Right: 20.187+/-14.430 χ^2/NDF : 28.2/17

In: -2.611+/-21.334 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.187+/-14.430 χ^2/NDF : 28.2/17

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.810+/-0.015 χ^2/NDF : 3256002.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.190+/-0.014 χ^2/NDF : 3543829.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

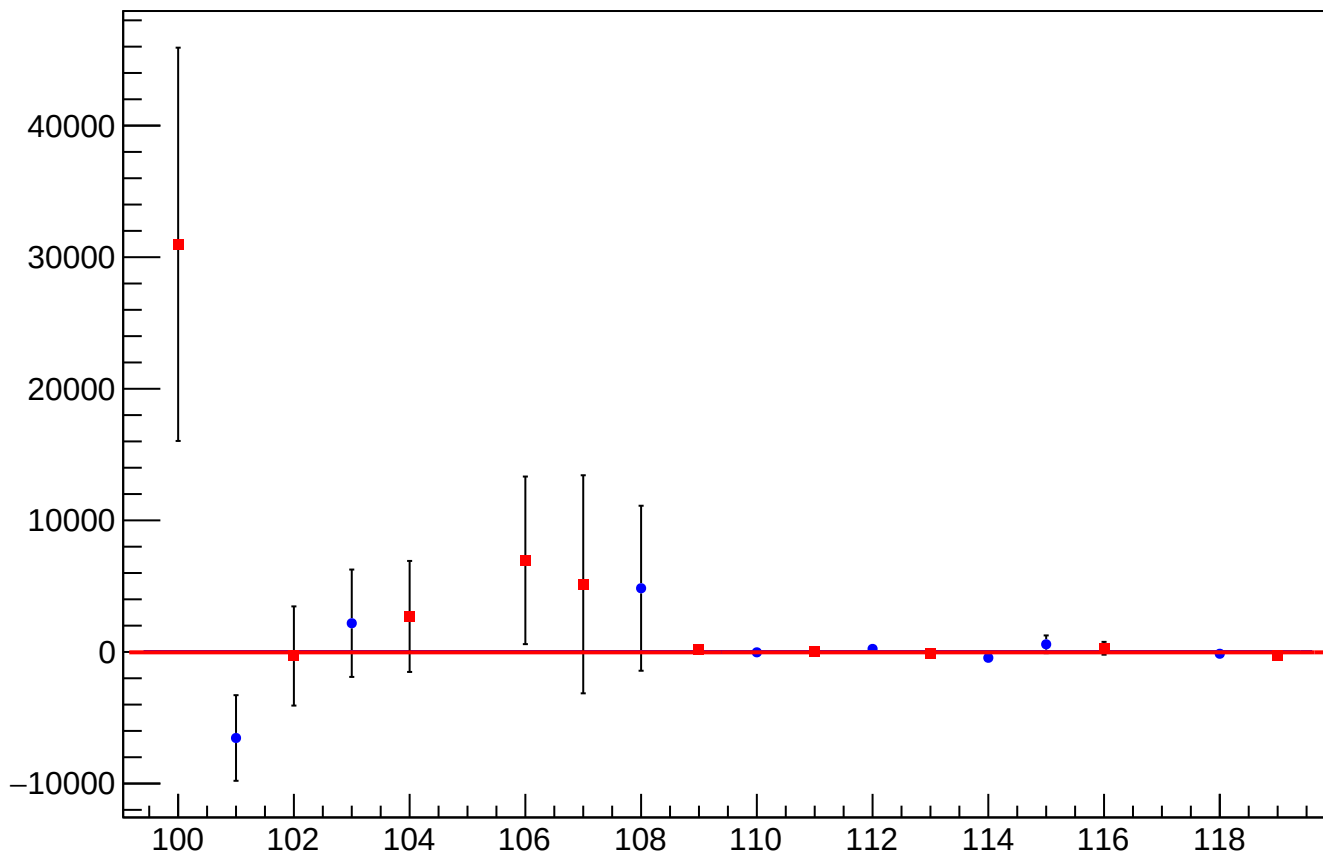
Right: 28.016+/-0.010 χ^2/NDF : 6800175.5/17

In: 27.810+/-0.015 χ^2/NDF : 3256002.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.016+/-0.010 χ^2/NDF : 6800175.5/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -4.441+/-117.407 χ^2 /NDF: 8.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -28.873+/-101.481 χ^2 /NDF: 9.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

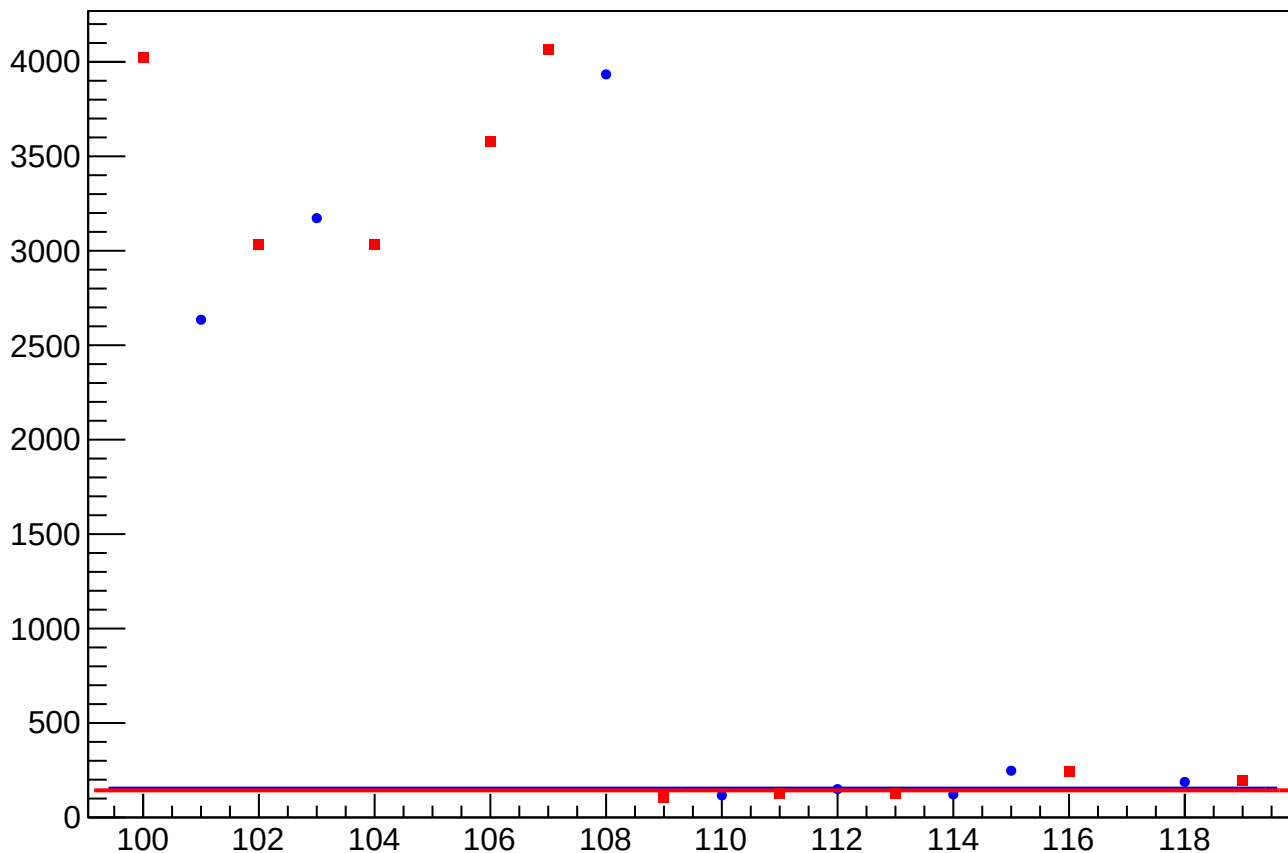
Right: -18.425+/-76.776 χ^2 /NDF: 17.9/17

In: -4.441+/-117.407 χ^2 /NDF:8.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -18.425+/-76.776 χ^2 /NDF: 17.9/17

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 152.636+/-0.083 χ^2/NDF : 3147139.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 143.431+/-0.072 χ^2/NDF : 3538251.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

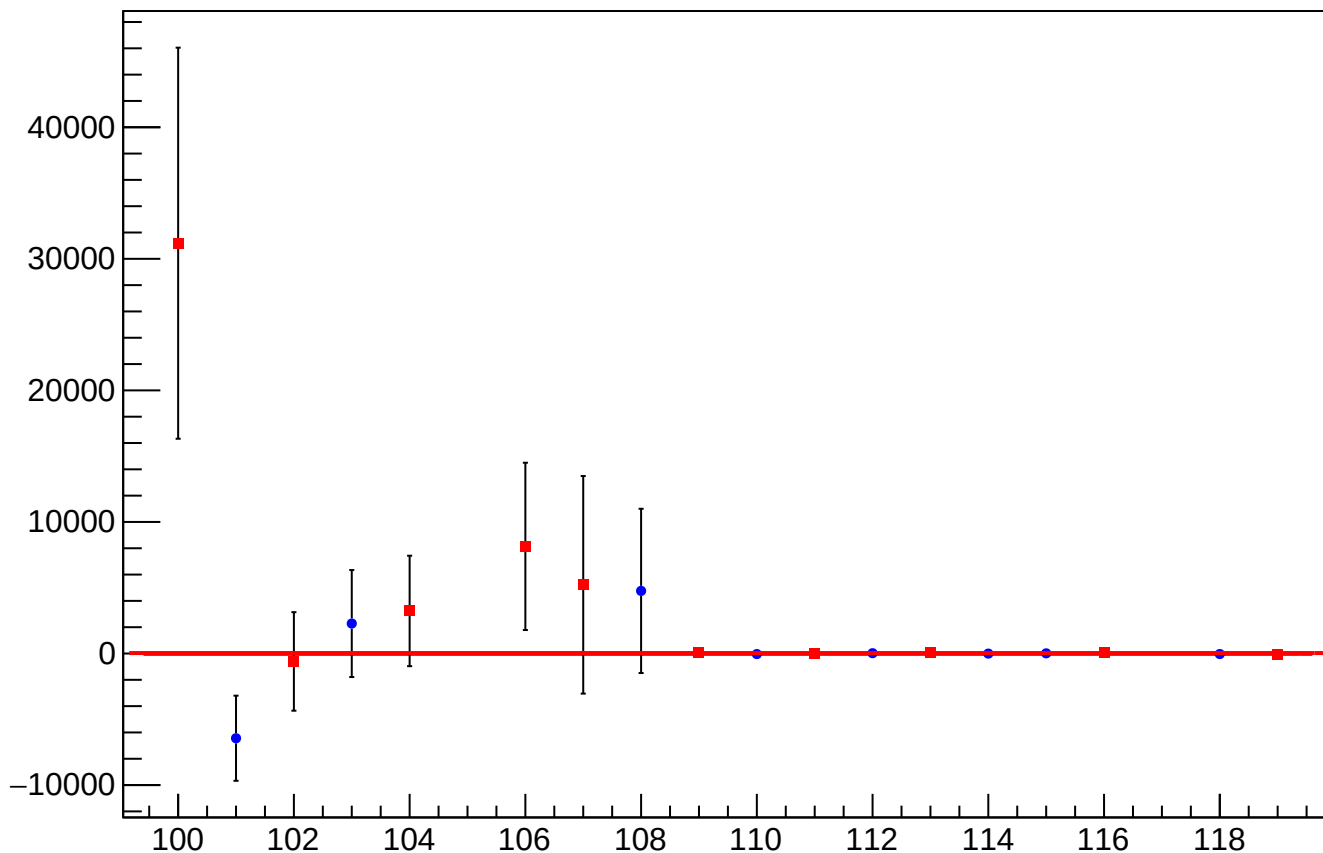
Right: 147.367+/-0.054 χ^2/NDF : 6692428.6/17

In: 152.636+/-0.083 χ^2/NDF :3147139.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 147.367+/-0.054 χ^2/NDF : 6692428.6/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.866 $\pm$ 21.419 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.595 $\pm$ 19.721 χ^2 /NDF: 15.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

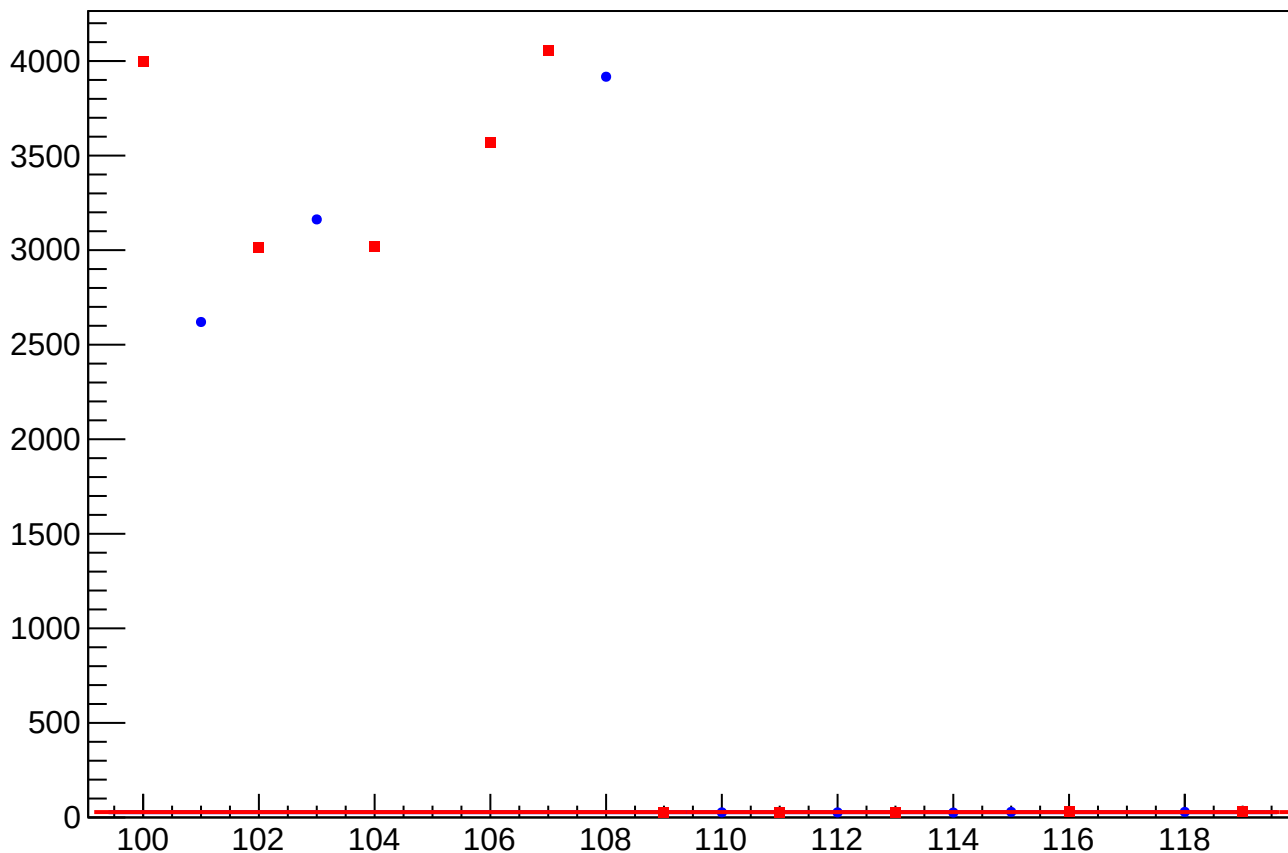
Right: 12.362 $\pm$ 14.508 χ^2 /NDF: 25.4/17

In: -13.866 $\pm$ 21.419 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.362 $\pm$ 14.508 χ^2 /NDF: 25.4/17

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.919+/-0.015 χ^2/NDF : 3256690.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.369+/-0.014 χ^2/NDF : 3545736.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

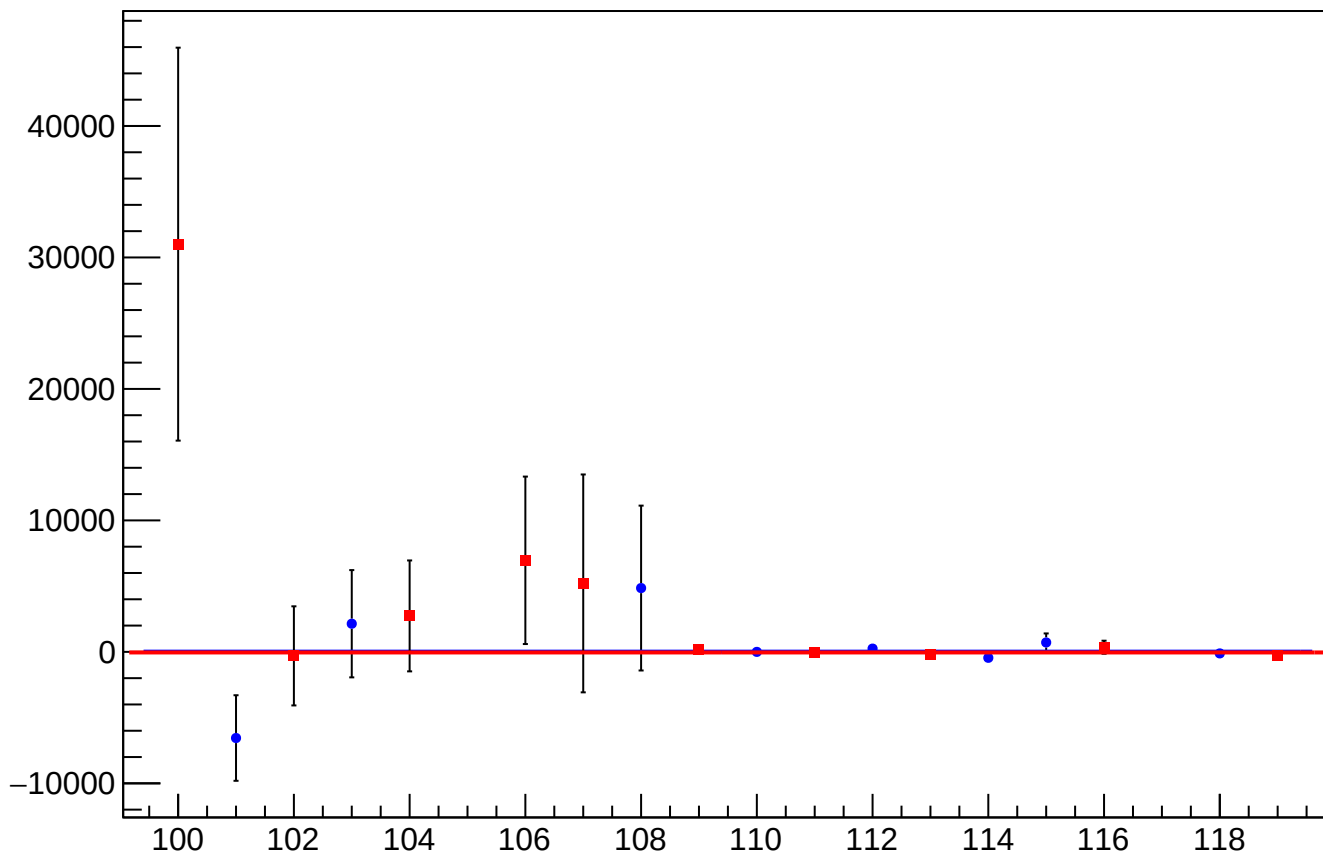
Right: 28.162+/-0.010 χ^2/NDF : 6802904.6/17

In: 27.919+/-0.015 χ^2/NDF :3256690.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.162+/-0.010 χ^2/NDF : 6802904.6/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 16.850+/-119.577 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.466+/-103.394 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

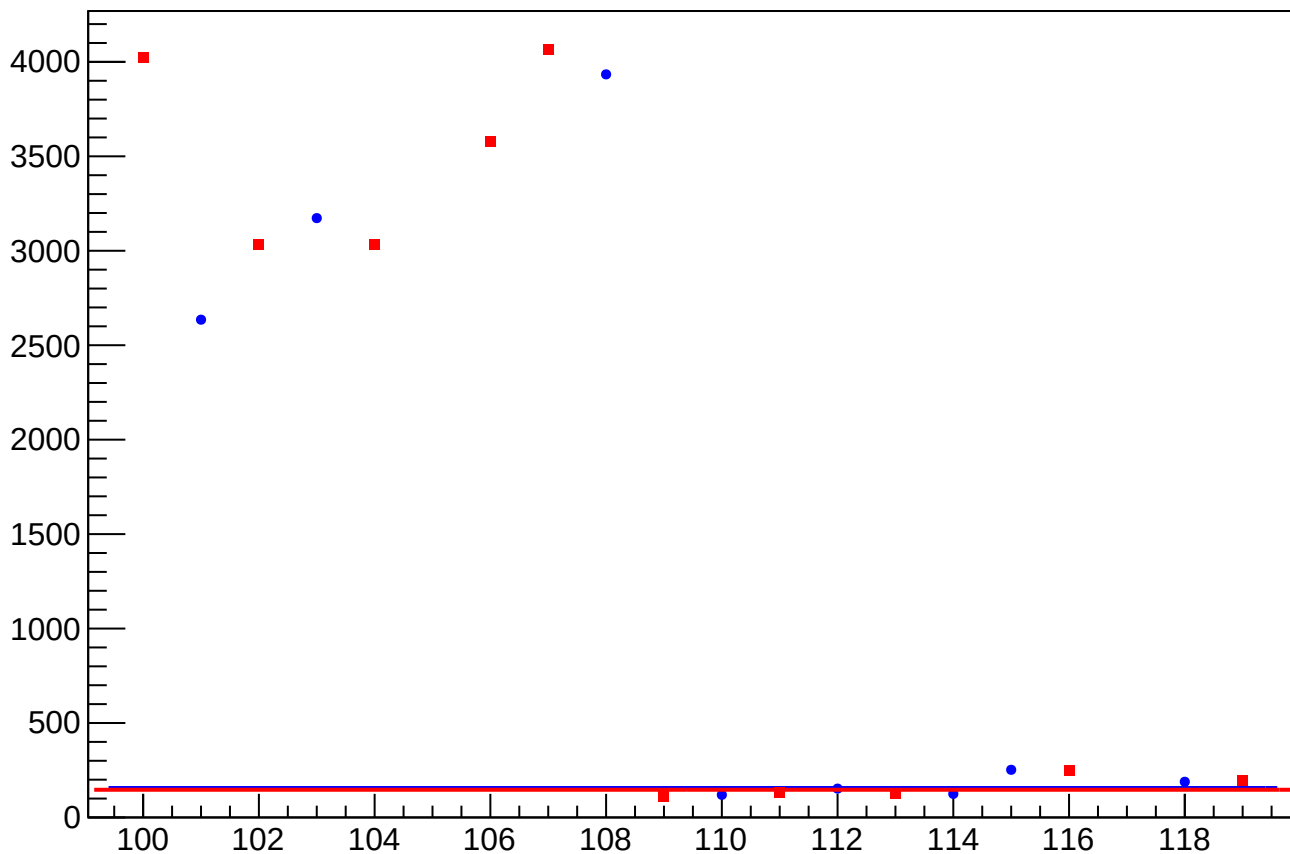
Right: -18.235+/-78.211 χ^2/NDF : 18.8/17

In: 16.850+/-119.577 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.235+/-78.211 χ^2/NDF : 18.8/17

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 155.817+/-0.085 χ^2/NDF : 3132769.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 146.602+/-0.073 χ^2/NDF : 3516788.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

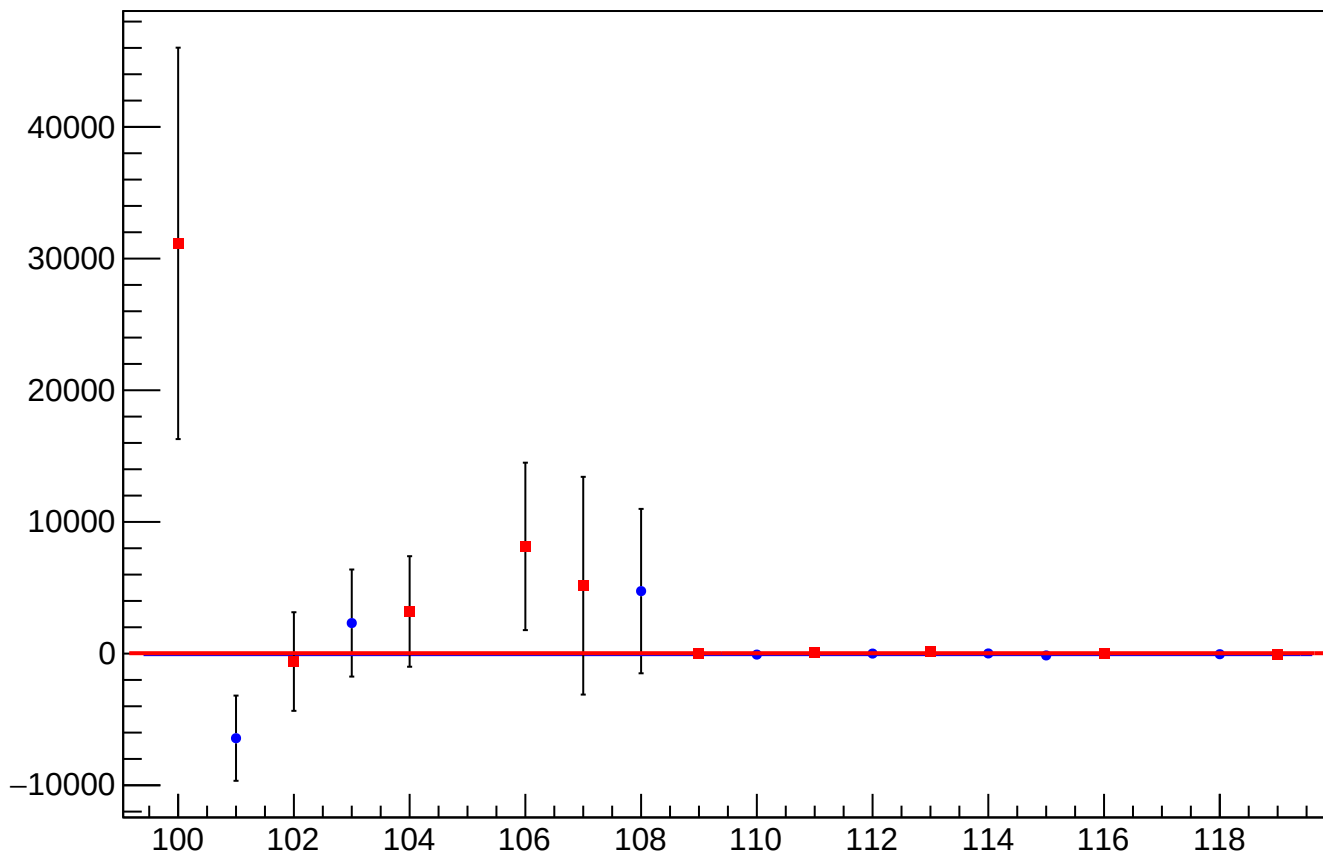
Right: 150.544+/-0.055 χ^2/NDF : 6656352.8/17

In: 155.817+/-0.085 χ^2/NDF :3132769.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.544+/-0.055 χ^2/NDF : 6656352.8/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -41.538 $\pm$ 26.236 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.000 $\pm$ 23.887 χ^2 /NDF: 17.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

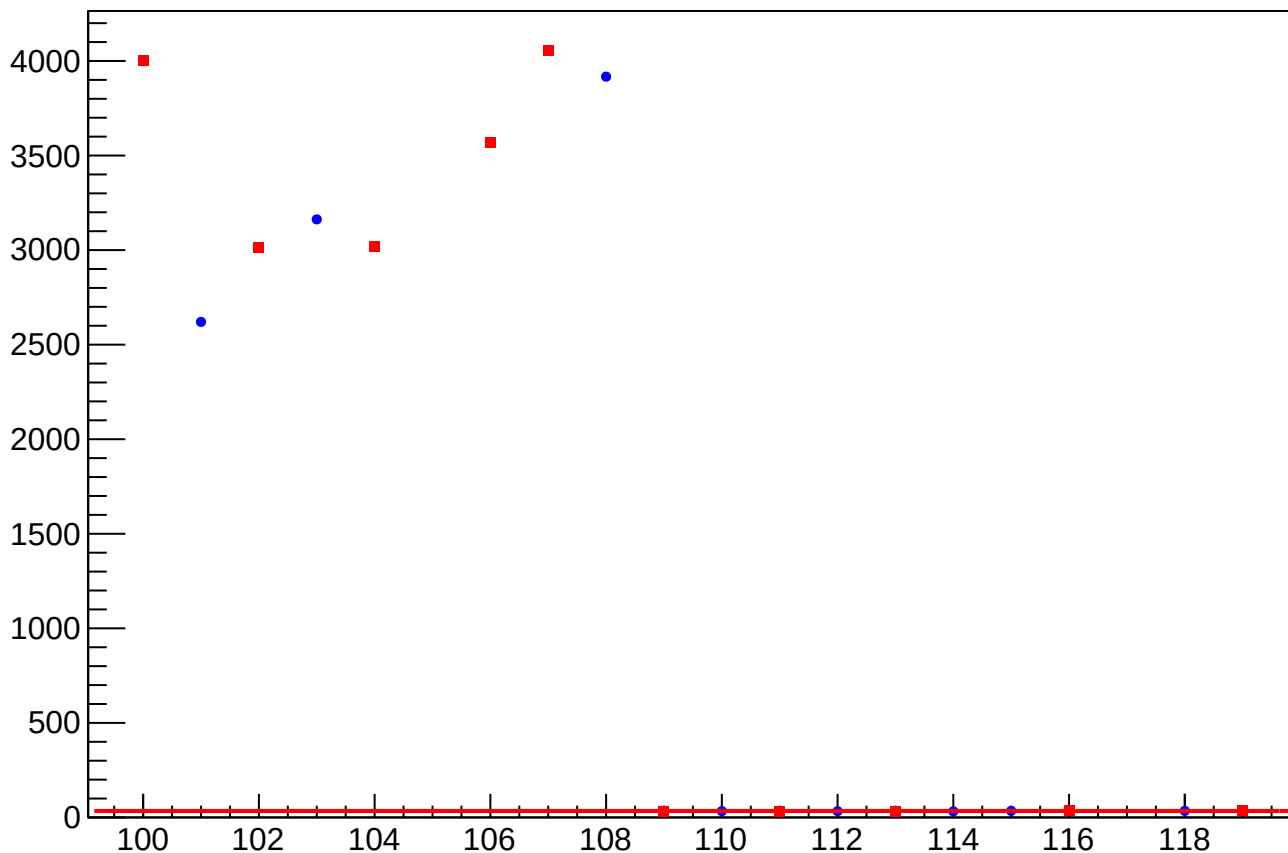
Right: -2.423 $\pm$ 17.663 χ^2 /NDF: 29.4/17

In: -41.538 $\pm$ 26.236 χ^2 /NDF:7.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.423 $\pm$ 17.663 χ^2 /NDF: 29.4/17

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 34.311+/-0.019 χ^2/NDF : 3237350.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.483+/-0.017 χ^2/NDF : 3519651.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

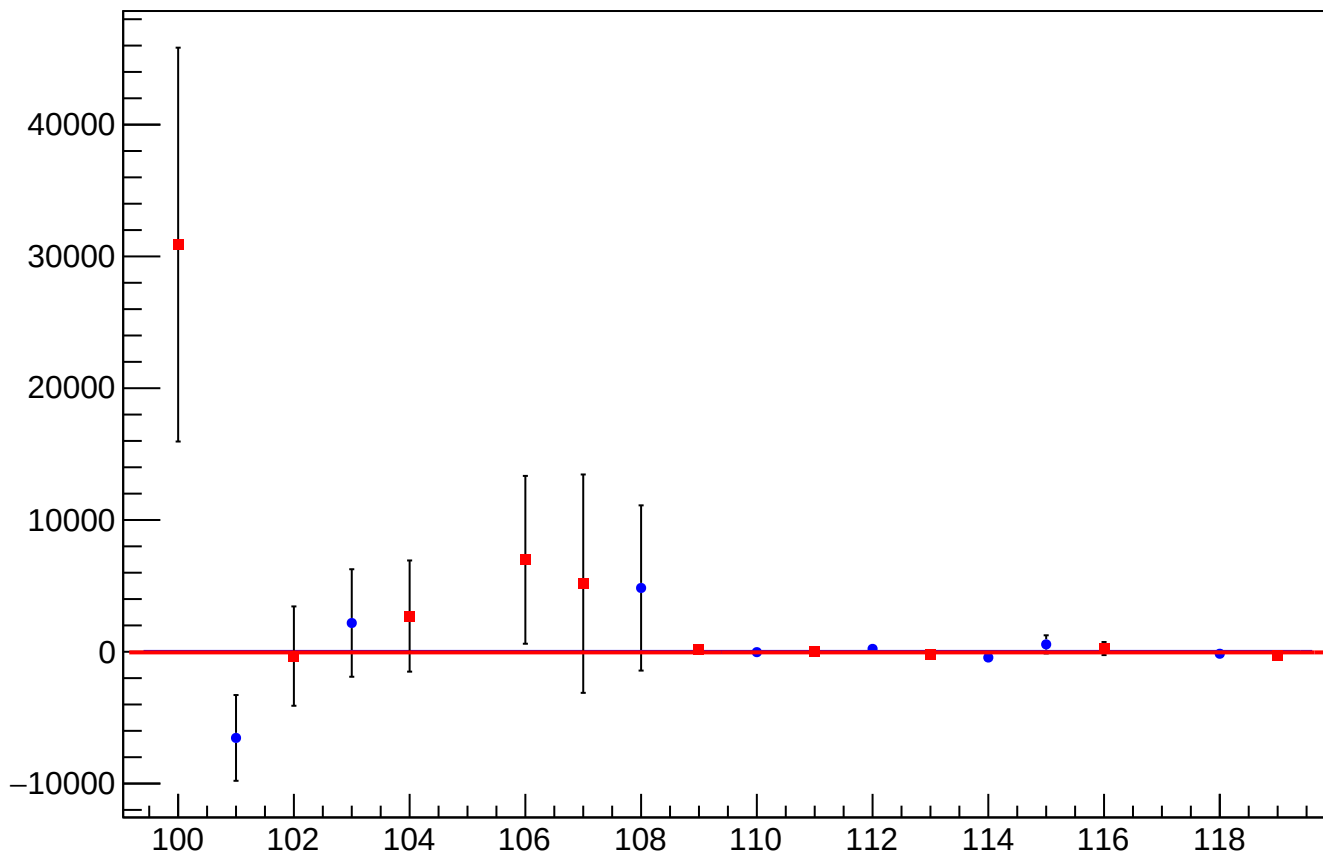
Right: 34.405+/-0.012 χ^2/NDF : 6757049.1/17

In: 34.311+/-0.019 χ^2/NDF :3237350.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.405+/-0.012 χ^2/NDF : 6757049.1/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -10.516+/-118.437 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.096+/-102.477 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

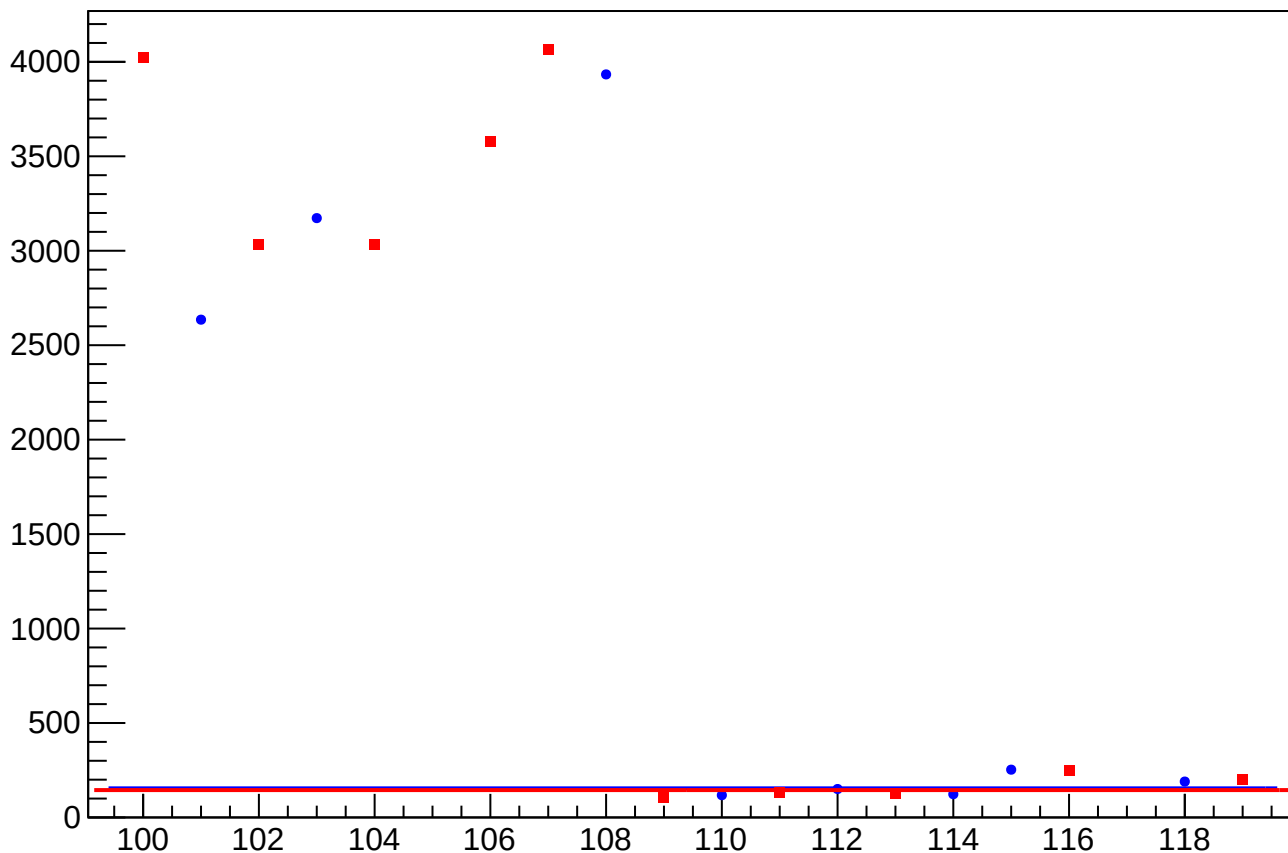
Right: -31.435+/-77.495 χ^2/NDF : 17.6/17

In: -10.516+/-118.437 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.435+/-77.495 χ^2/NDF : 17.6/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 154.040+/-0.084 χ^2/NDF : 3145823.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.888+/-0.072 χ^2/NDF : 3539009.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

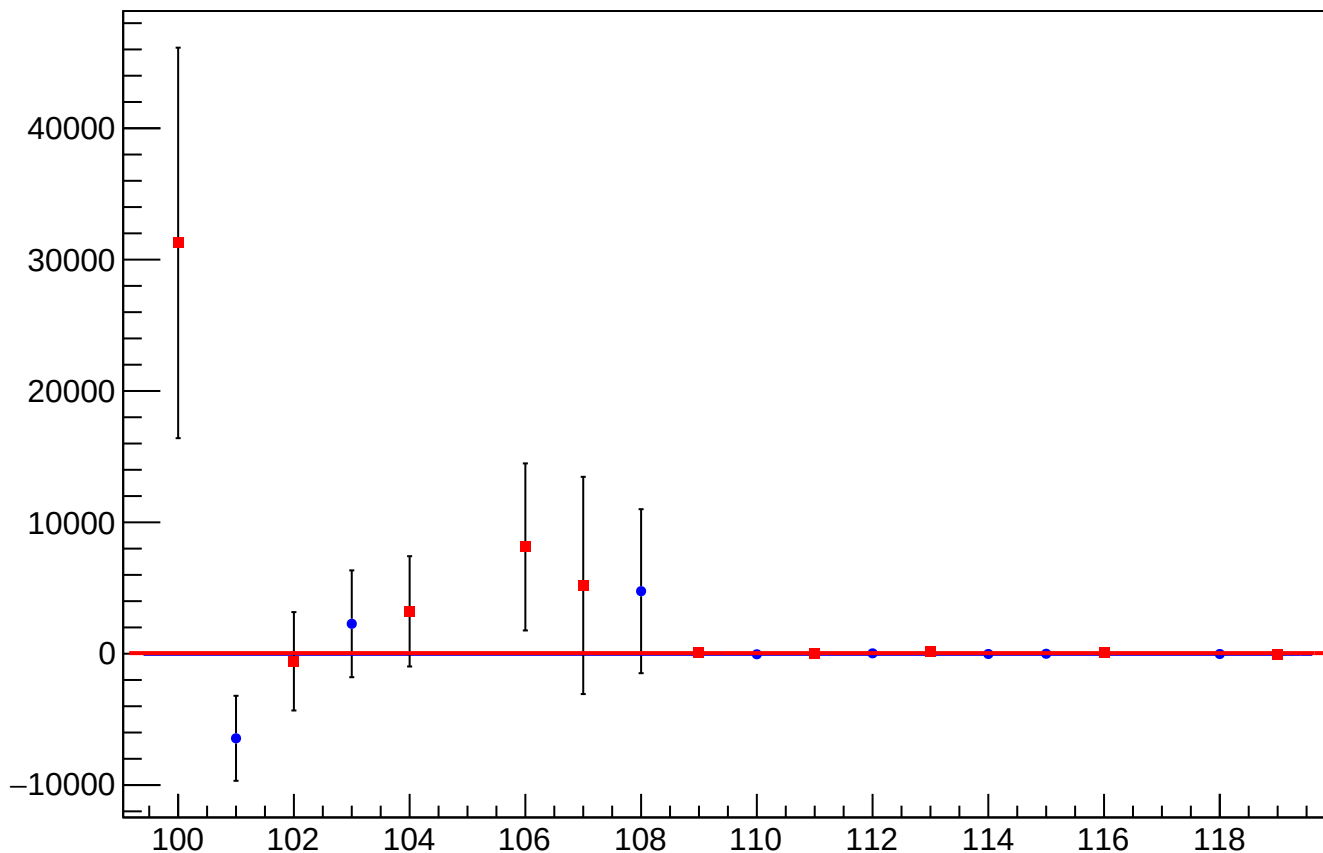
Right: 148.806+/-0.055 χ^2/NDF : 6691662.3/17

In: 154.040+/-0.084 χ^2/NDF : 3145823.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.806+/-0.055 χ^2/NDF : 6691662.3/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -11.150+/-24.309 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.374+/-22.092 χ^2/NDF : 19.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

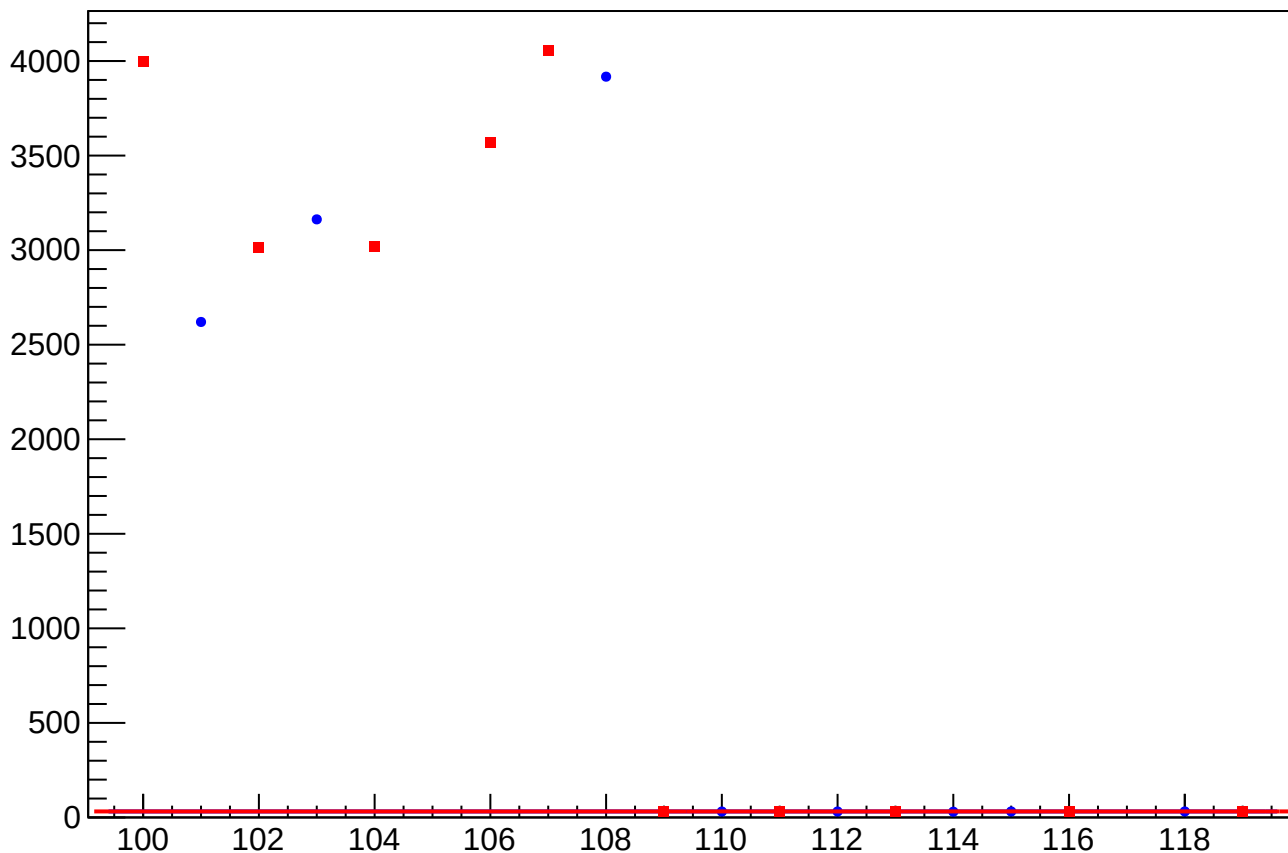
Right: 19.259+/-16.349 χ^2/NDF : 28.6/17

In: -11.150+/-24.309 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.259+/-16.349 χ^2/NDF : 28.6/17

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 31.771+/-0.017 χ^2/NDF : 3241141.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.016 χ^2/NDF : 3522127.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

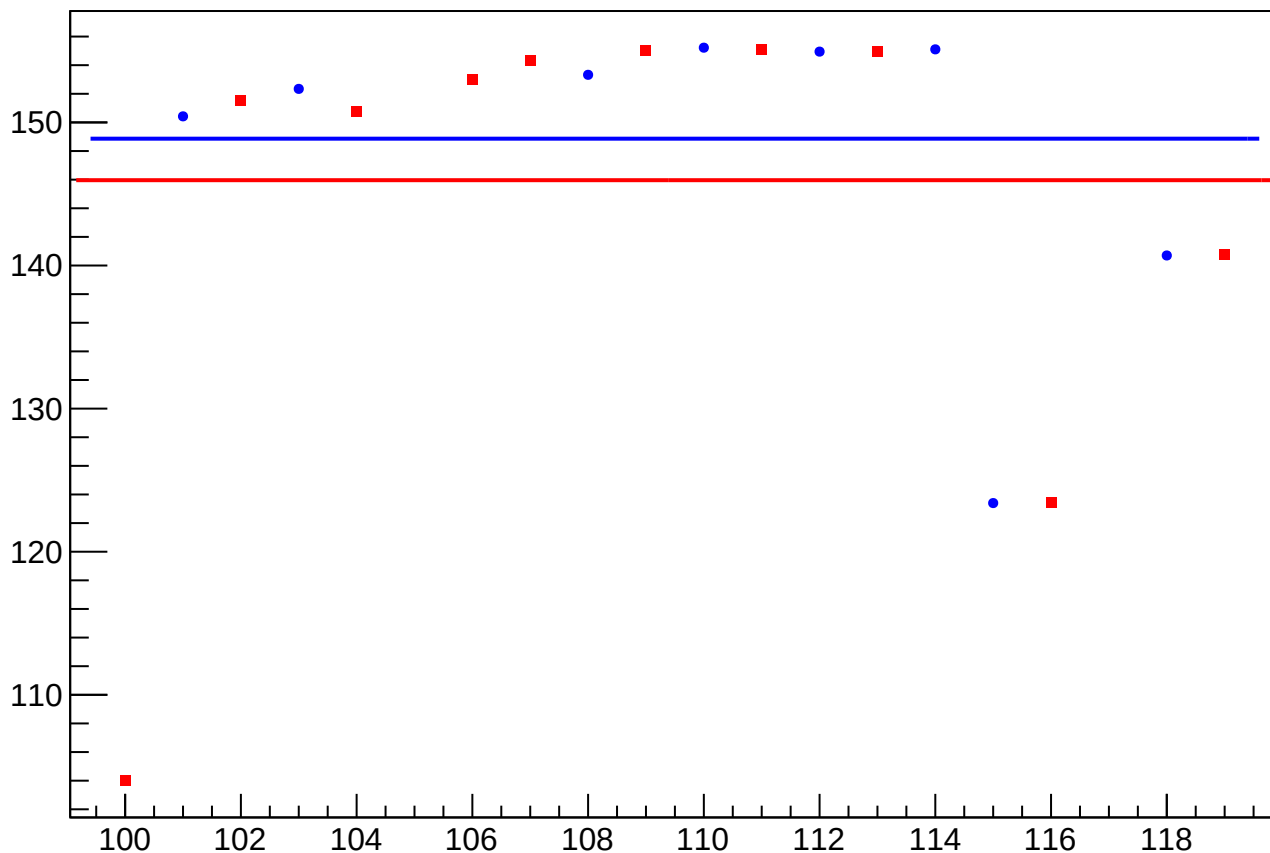
Right: 31.831+/-0.012 χ^2/NDF : 6763291.3/17

In: 31.771+/-0.017 χ^2/NDF : 3241141.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

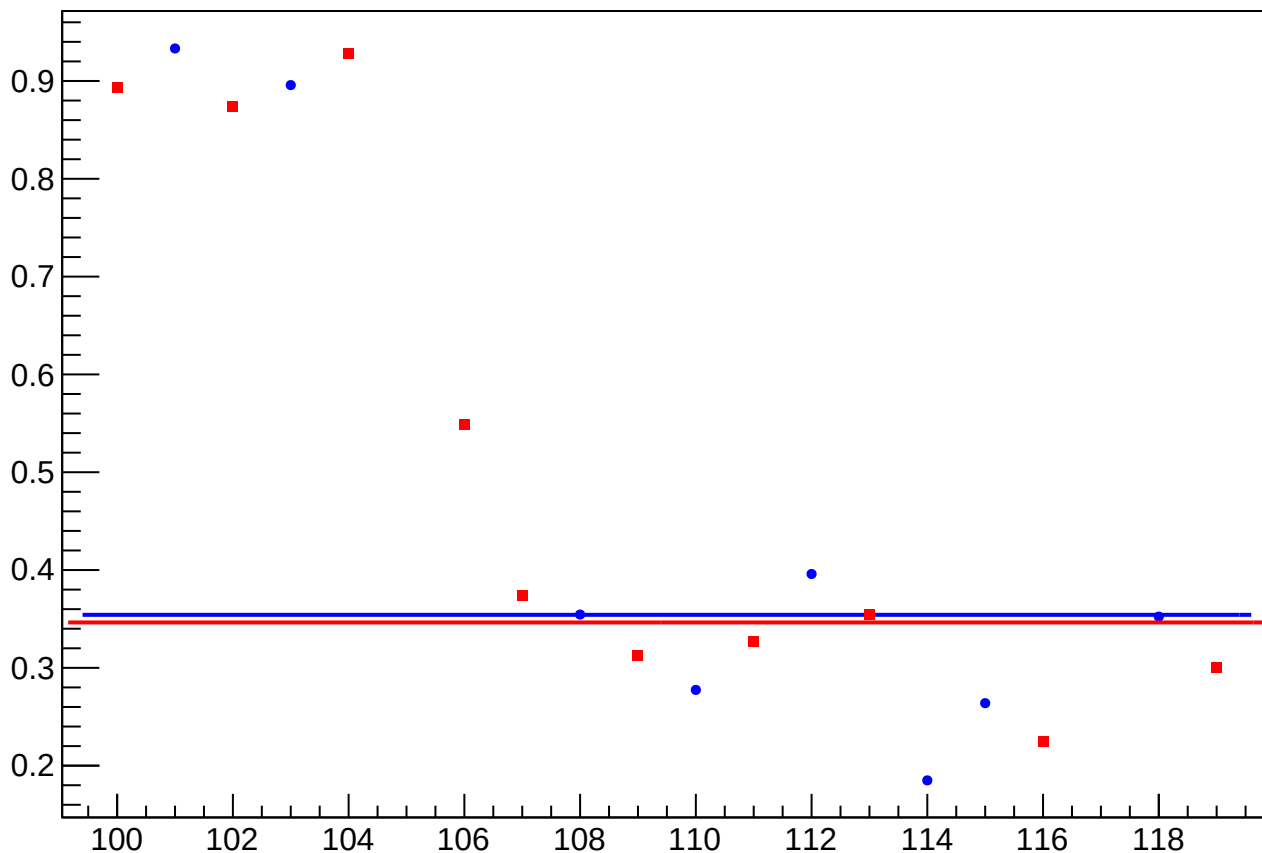
All: 31.831+/-0.012 χ^2/NDF : 6763291.3/17

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 148.864 $\pm$ 0.000 χ^2 /NDF: 1911711988.2/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.963 $\pm$ 0.000 χ^2 /NDF: 3899681892.2/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 147.187 $\pm$ 0.000 χ^2 /NDF: 5906286803.8

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 1164564.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1163617.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

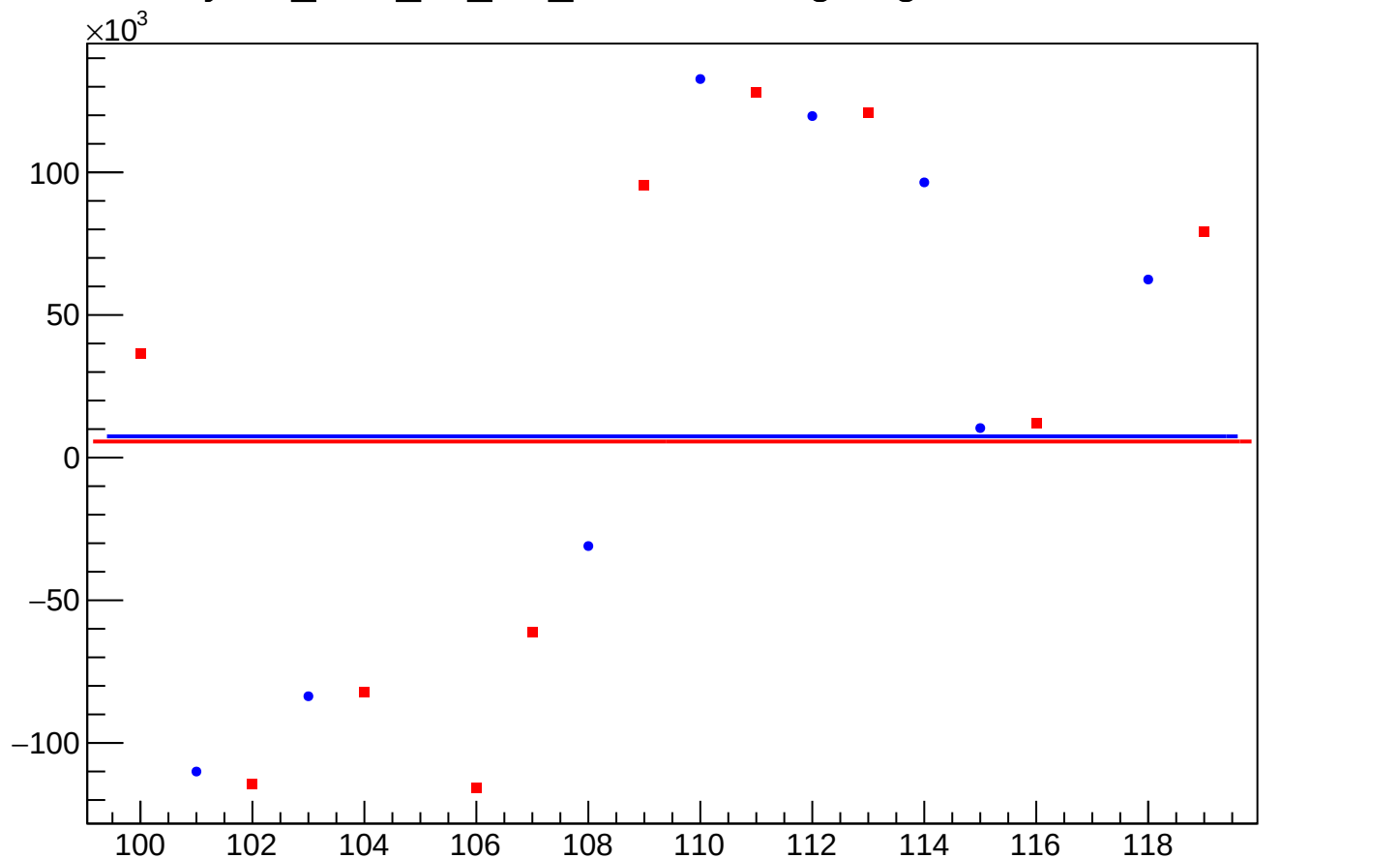
Right: 0.350+/-0.000 χ^2/NDF : 2329553.3/17

In: 0.354+/-0.000 χ^2/NDF : 1164564.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

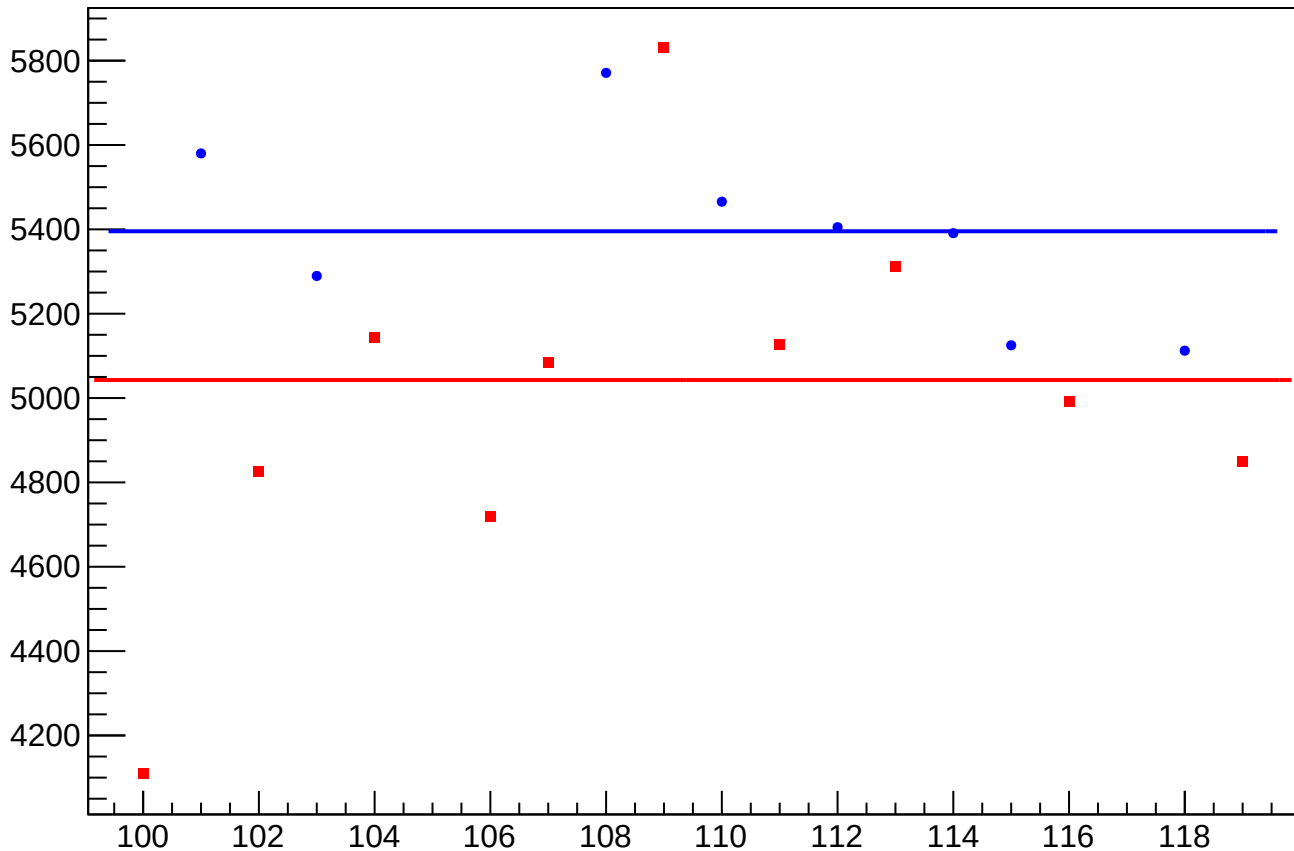
All: 0.350+/-0.000 χ^2/NDF : 2329553.3/17

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 7445.471+/-3.048 χ^2/NDF : 946485928.8/7
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 6394.198+/-1.953 χ^2/NDF : 2446931525.1/17
 Right Out: 5662.778+/-2.543 χ^2/NDF : 1500243933.3/9
 In: 7445.471+/-3.048 χ^2/NDF : 946485928.8/7
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 6394.198+/-1.953 χ^2/NDF : 2446931525.1/17

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5395.464 $\pm$ 2.156 χ^2 /NDF: 8763.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5042.763 $\pm$ 1.798 χ^2 /NDF: 36137.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

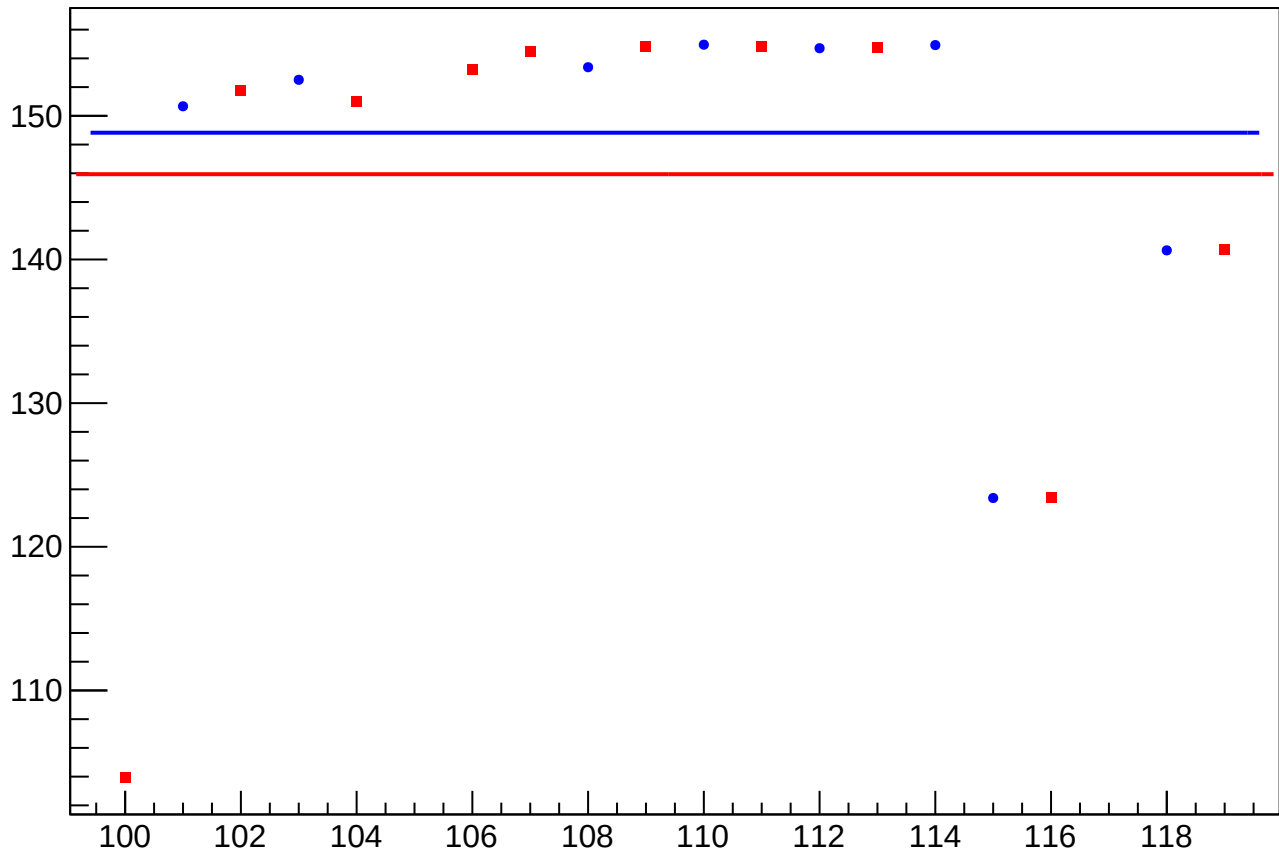
Right: 5187.472 $\pm$ 1.381 χ^2 /NDF: 60689.2/17

In: 5395.464 $\pm$ 2.156 χ^2 /NDF:8763.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

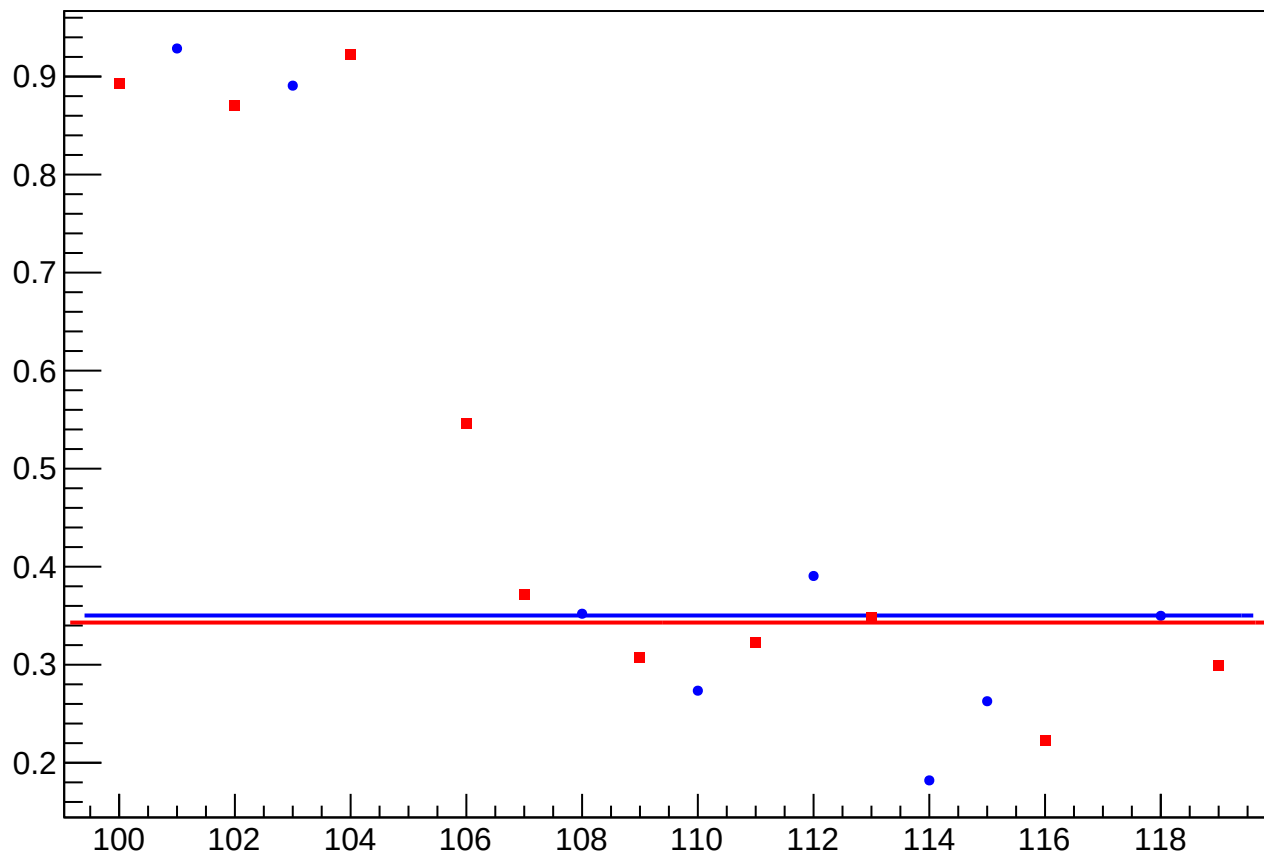
All: 5187.472 $\pm$ 1.381 χ^2 /NDF: 60689.2/17

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 148.825+/-0.000 χ^2/NDF : 1914880044.2/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 145.937+/-0.000 χ^2/NDF : 3921584359.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 147.157+/-0.000 χ^2/NDF : 5932353653.3/17

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.350+/-0.000 χ^2/NDF : 1173774.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.343+/-0.000 χ^2/NDF : 1166960.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

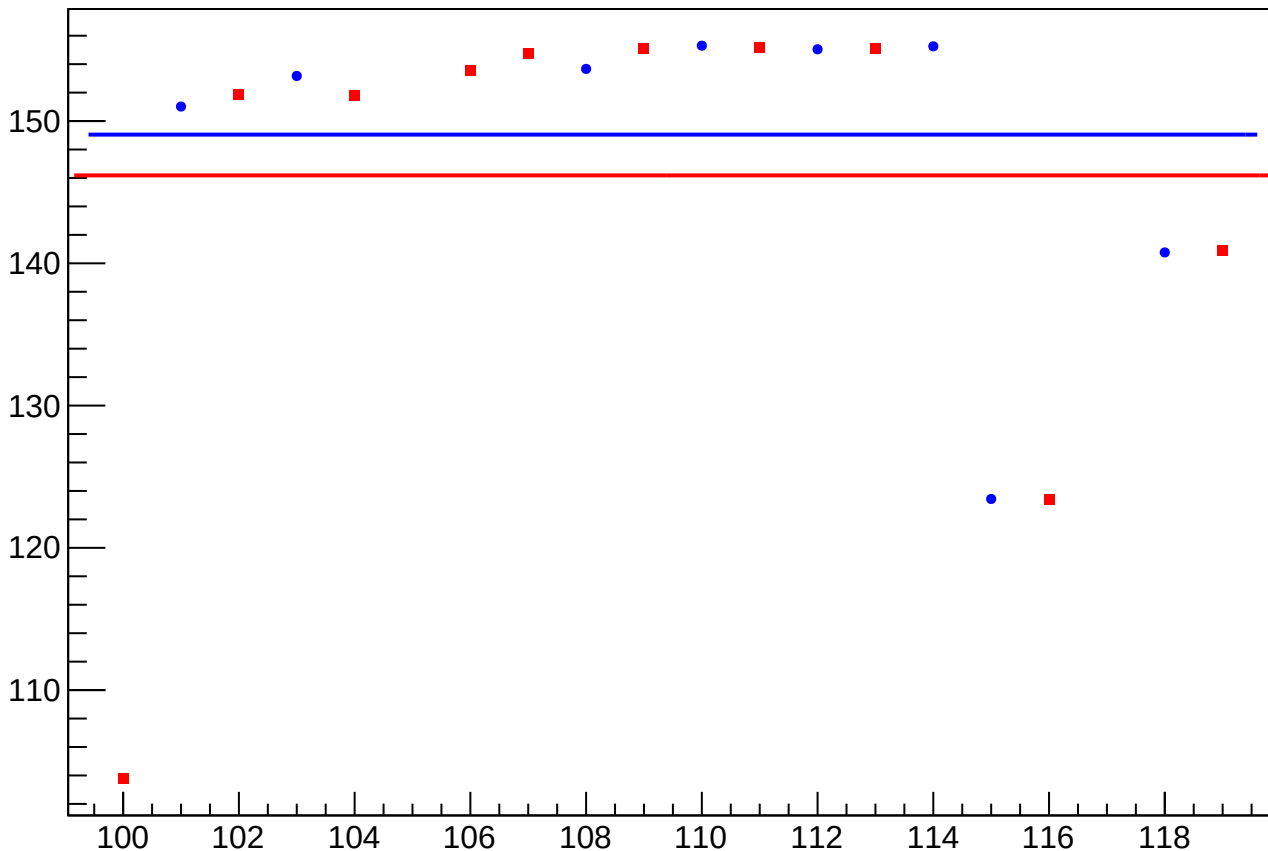
Right: 0.346+/-0.000 χ^2/NDF : 2341925.3/17

In: 0.350+/-0.000 χ^2/NDF : 1173774.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.346+/-0.000 χ^2/NDF : 2341925.3/17

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 149.048+/-0.000 χ^2/NDF : 1924741059.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.181+/-0.000 χ^2/NDF : 3903835358.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

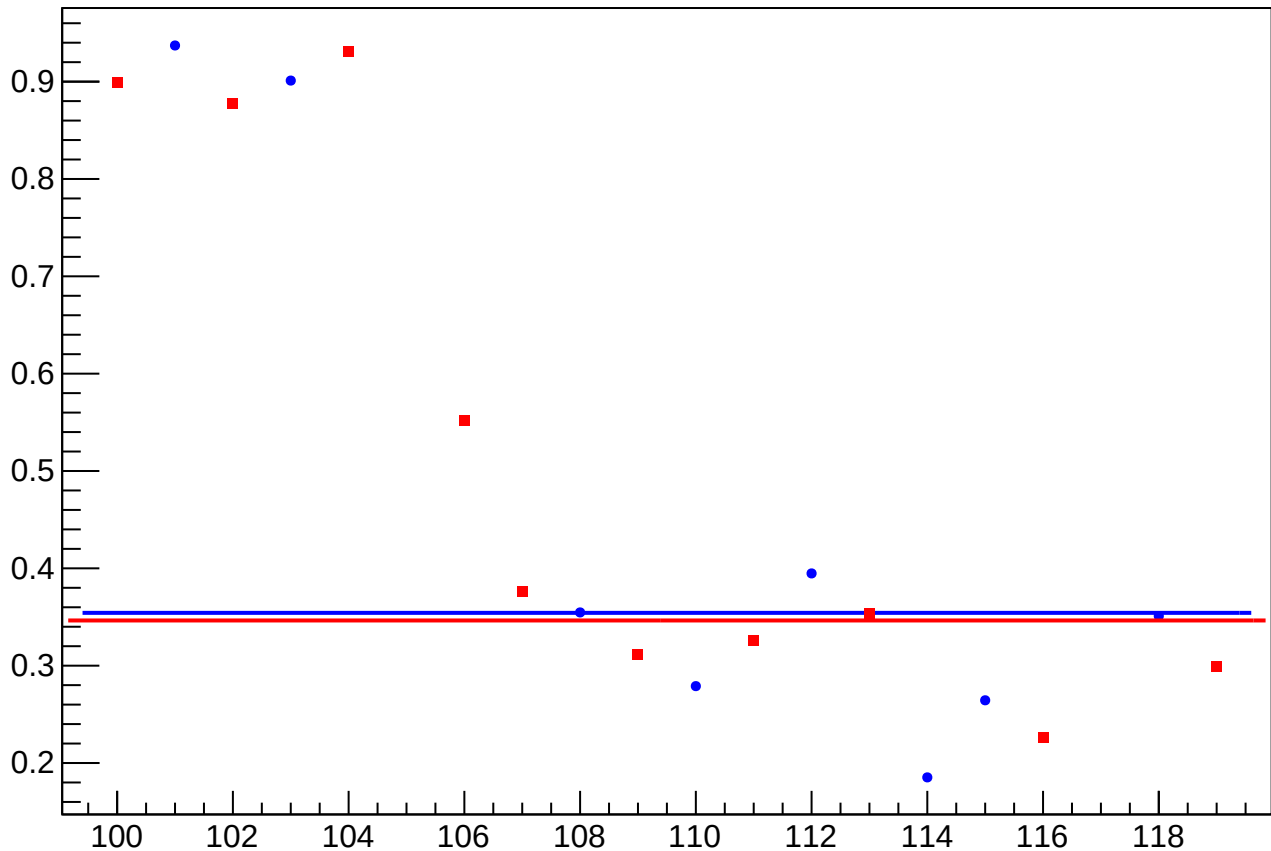
Right: 147.391+/-0.000 χ^2/NDF : 5921241386.0/17

In: 149.048+/-0.000 χ^2/NDF : 1924741059.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.391+/-0.000 χ^2/NDF : 5921241386.0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 1166884.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1165337.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

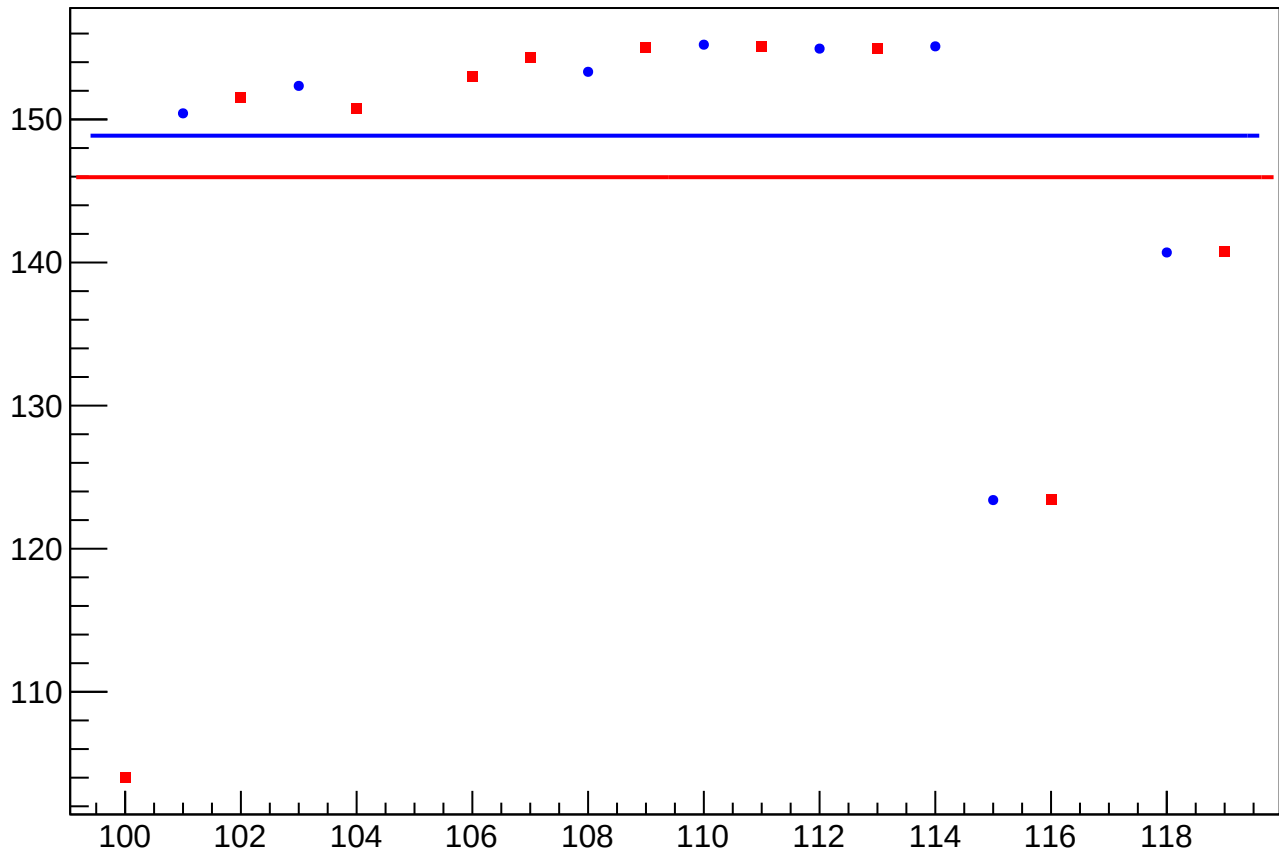
Right: 0.350+/-0.000 χ^2/NDF : 2333601.9/17

In: 0.354+/-0.000 χ^2/NDF : 1166884.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

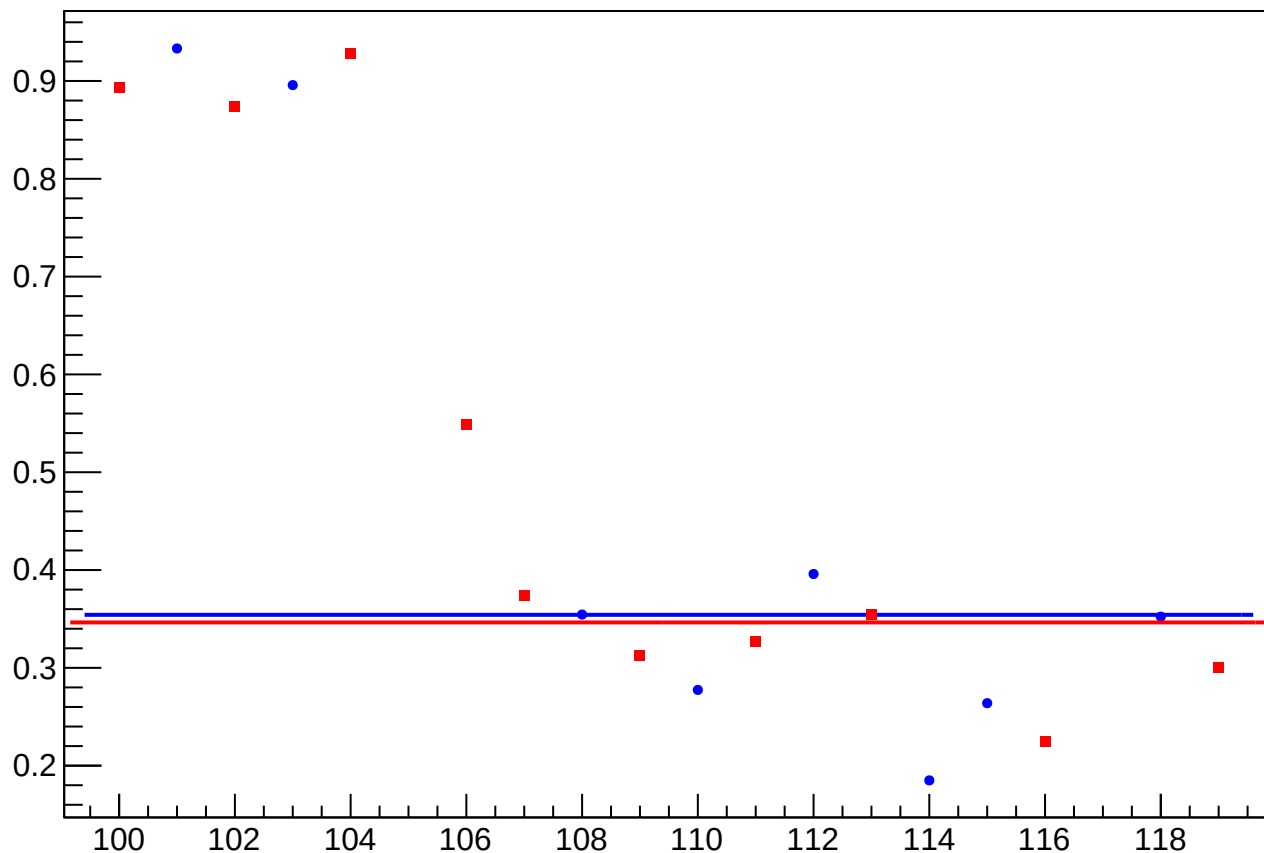
All: 0.350+/-0.000 χ^2/NDF : 2333601.9/17

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 148.864 $\pm$ 0.000 χ^2 /NDF: 1911711988.2/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 145.963 $\pm$ 0.000 χ^2 /NDF: 3899681892.2/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 147.187 $\pm$ 0.000 χ^2 /NDF: 5906286803.8

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.354+/-0.000 χ^2/NDF : 1164564.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.346+/-0.000 χ^2/NDF : 1163617.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

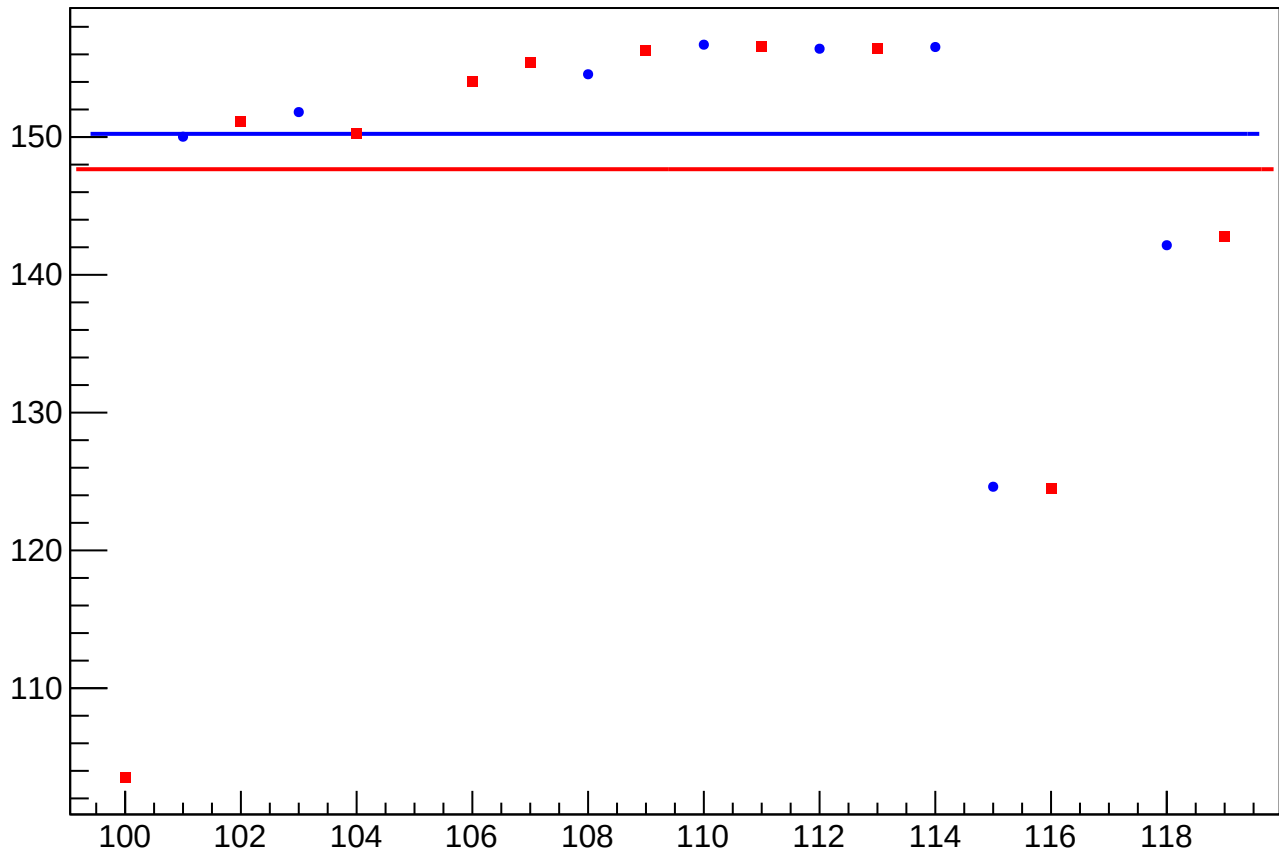
Right: 0.350+/-0.000 χ^2/NDF : 2329553.3/17

In: 0.354+/-0.000 χ^2/NDF :1164564.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

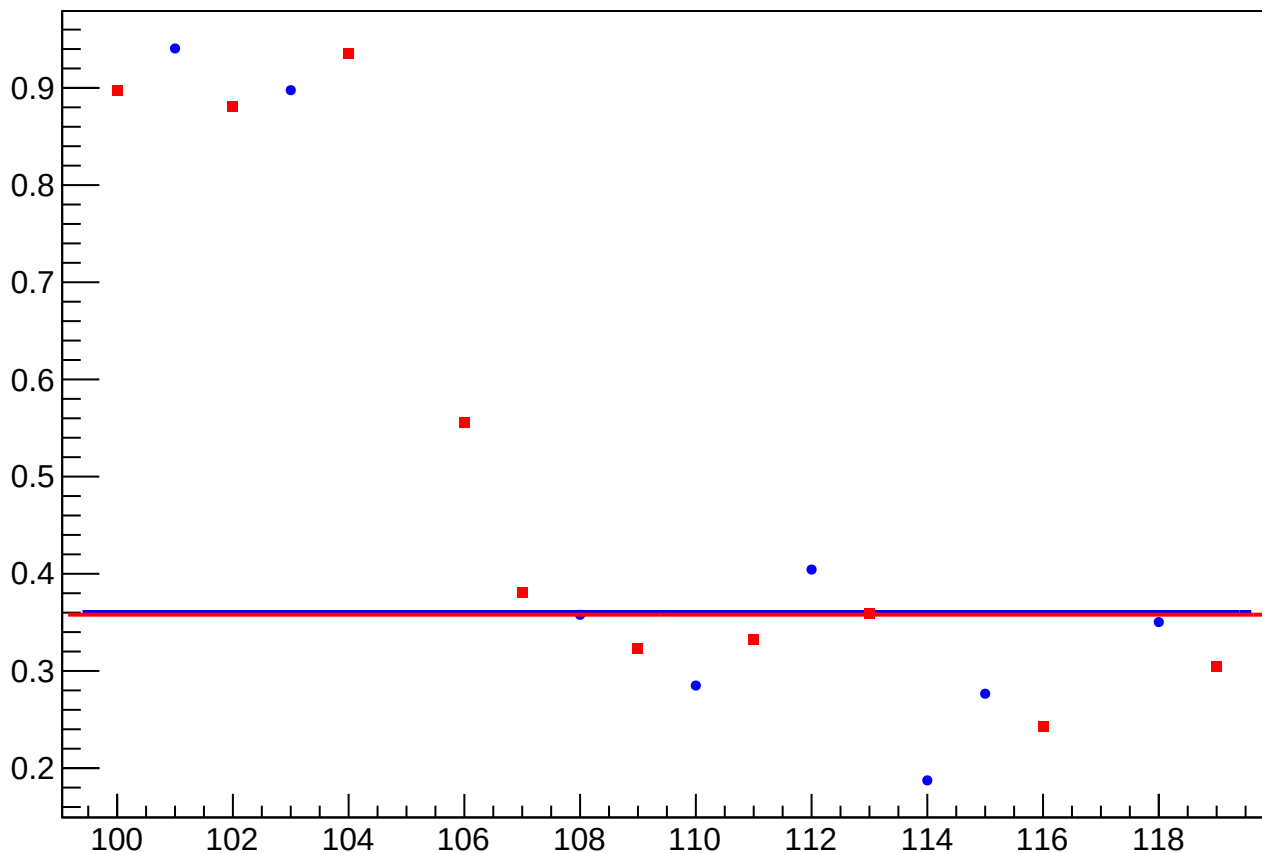
All: 0.350+/-0.000 χ^2/NDF : 2329553.3/17

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.232+/-0.000 χ^2/NDF : 1779294741.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 147.666+/-0.000 χ^2/NDF : 3501454684.6/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 148.763+/-0.000 χ^2/NDF : 5351801153.7/17

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.361+/-0.000 χ^2/NDF : 1143146.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.358+/-0.000 χ^2/NDF : 1106215.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

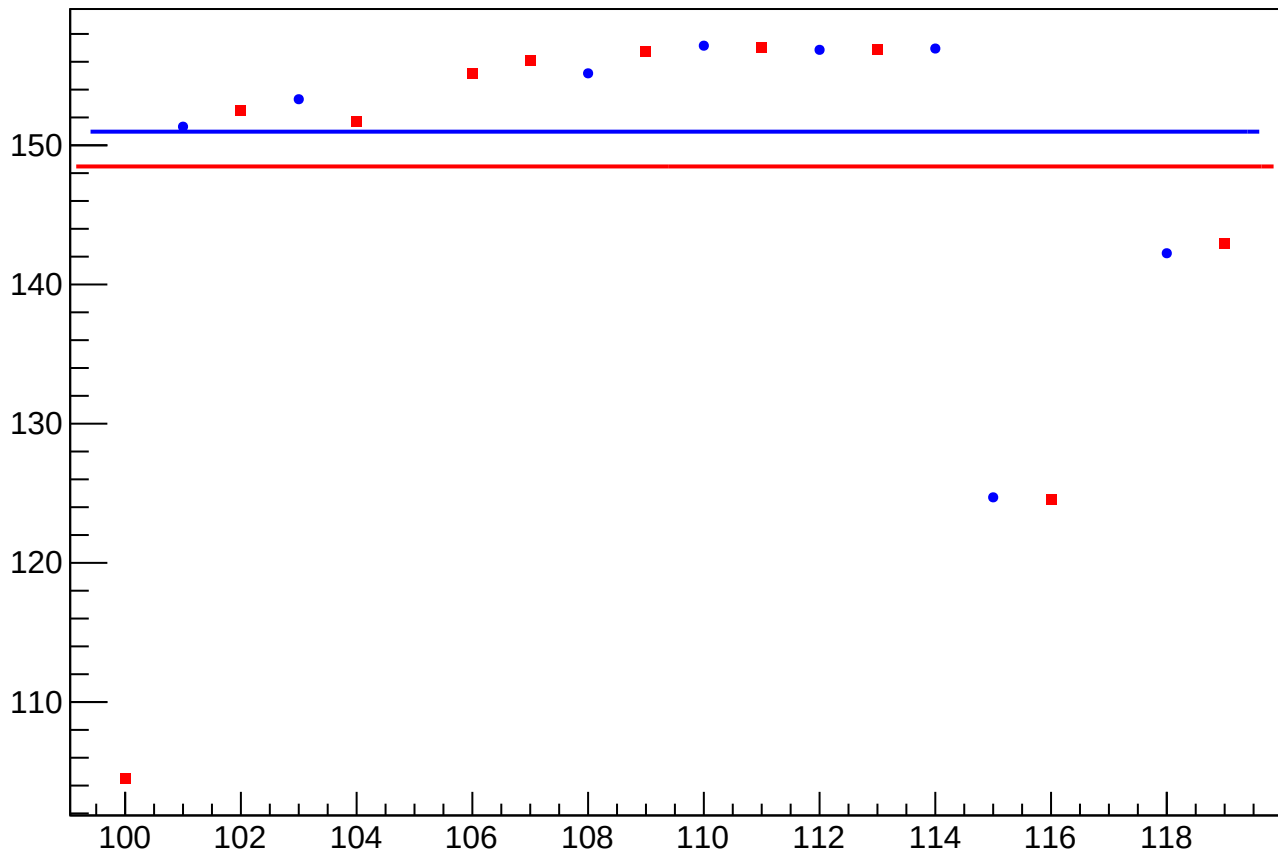
Right: 0.359+/-0.000 χ^2/NDF : 2249524.1/17

In: 0.361+/-0.000 χ^2/NDF : 1143146.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

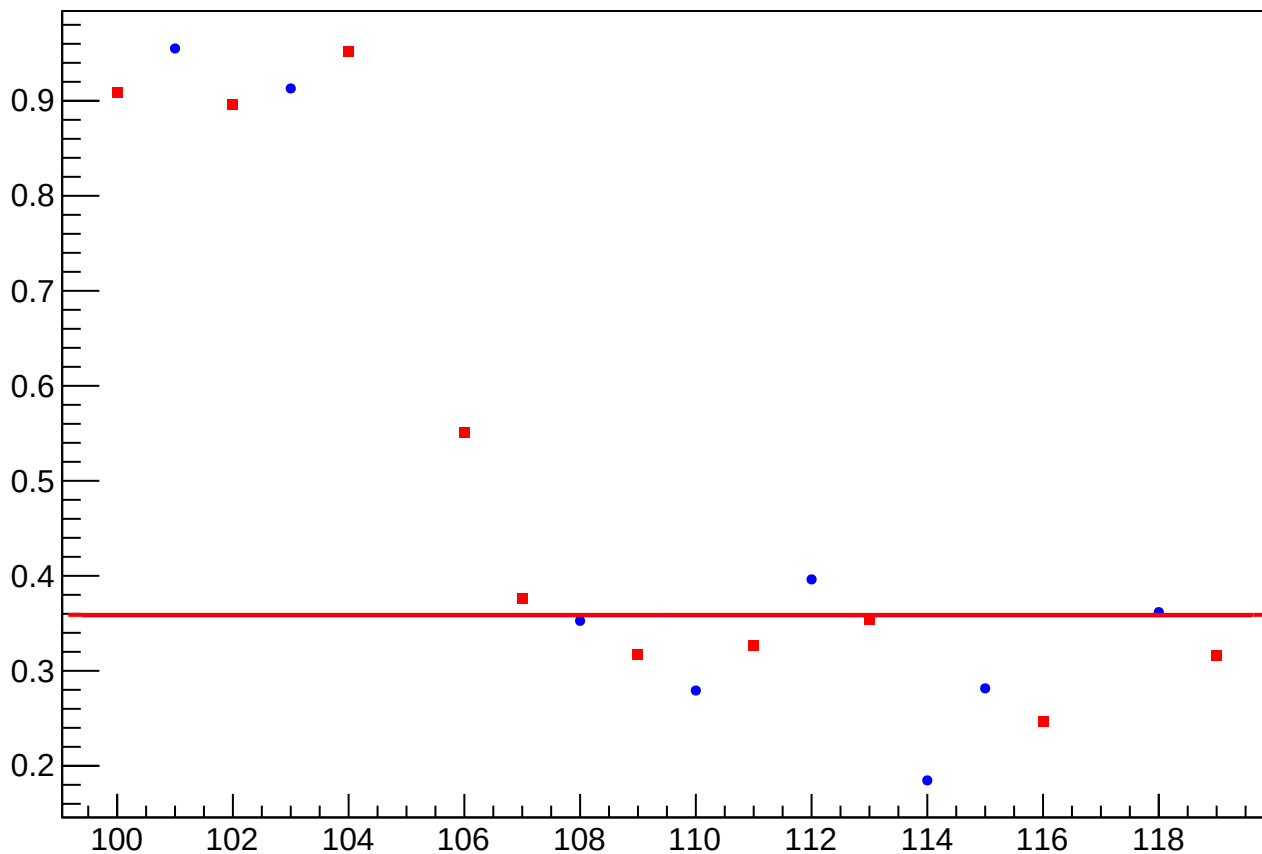
All: 0.359+/-0.000 χ^2/NDF : 2249524.1/17

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 150.979 $\pm$ 0.000 χ^2 /NDF: 1798581711.4/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 148.479 $\pm$ 0.000 χ^2 /NDF: 3538856164.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 149.556 $\pm$ 0.000 χ^2 /NDF: 5404984613.8

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.358+/-0.000 χ^2/NDF : 1173500.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.359+/-0.000 χ^2/NDF : 1104875.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

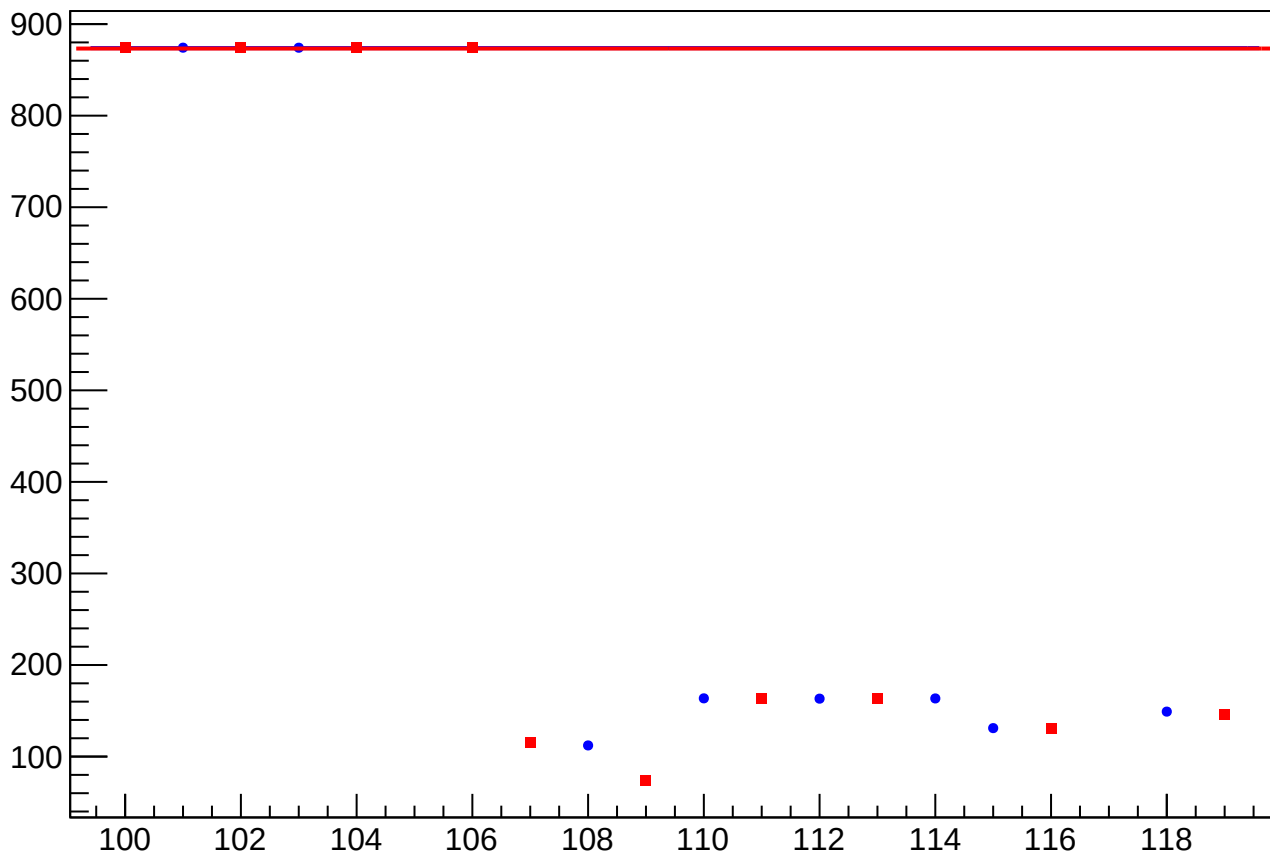
Right: 0.359+/-0.000 χ^2/NDF : 2278380.6/17

In: 0.358+/-0.000 χ^2/NDF : 1173500.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

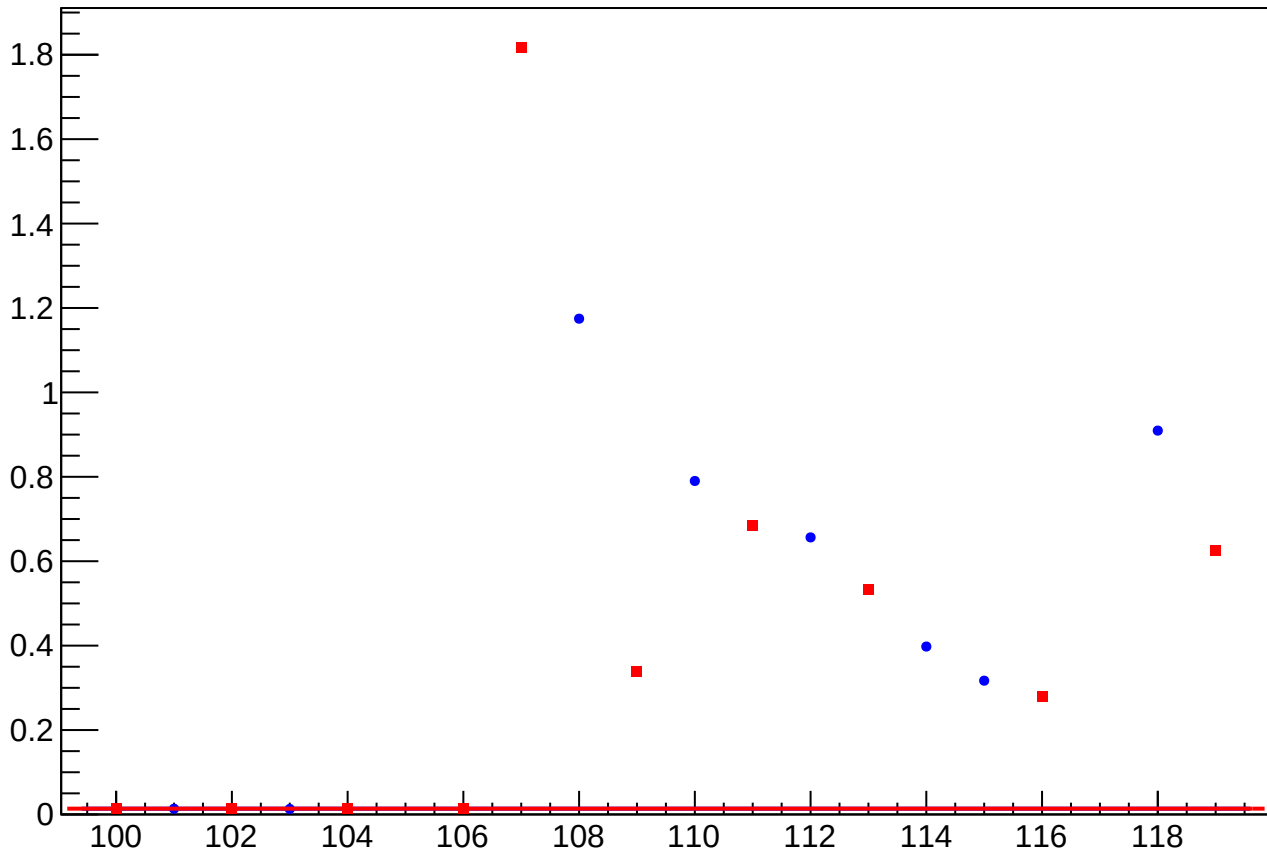
All: 0.359+/-0.000 χ^2/NDF : 2278380.6/17

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 873.787 $\pm$ 0.000 χ^2 /NDF: 2259162074597.4/7
Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right: 873.526 $\pm$ 0.000 χ^2 /NDF: 7753488309173.4/7
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
In: 873.787 $\pm$ 0.000 χ^2 /NDF: 2259162074597.4/7
Right Out: 873.299 $\pm$ 0.000 χ^2 /NDF: 5493416078082.7/9
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: 873.526 $\pm$ 0.000 χ^2 /NDF: 7753488309173.4/7

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 3364643.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 3808467.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

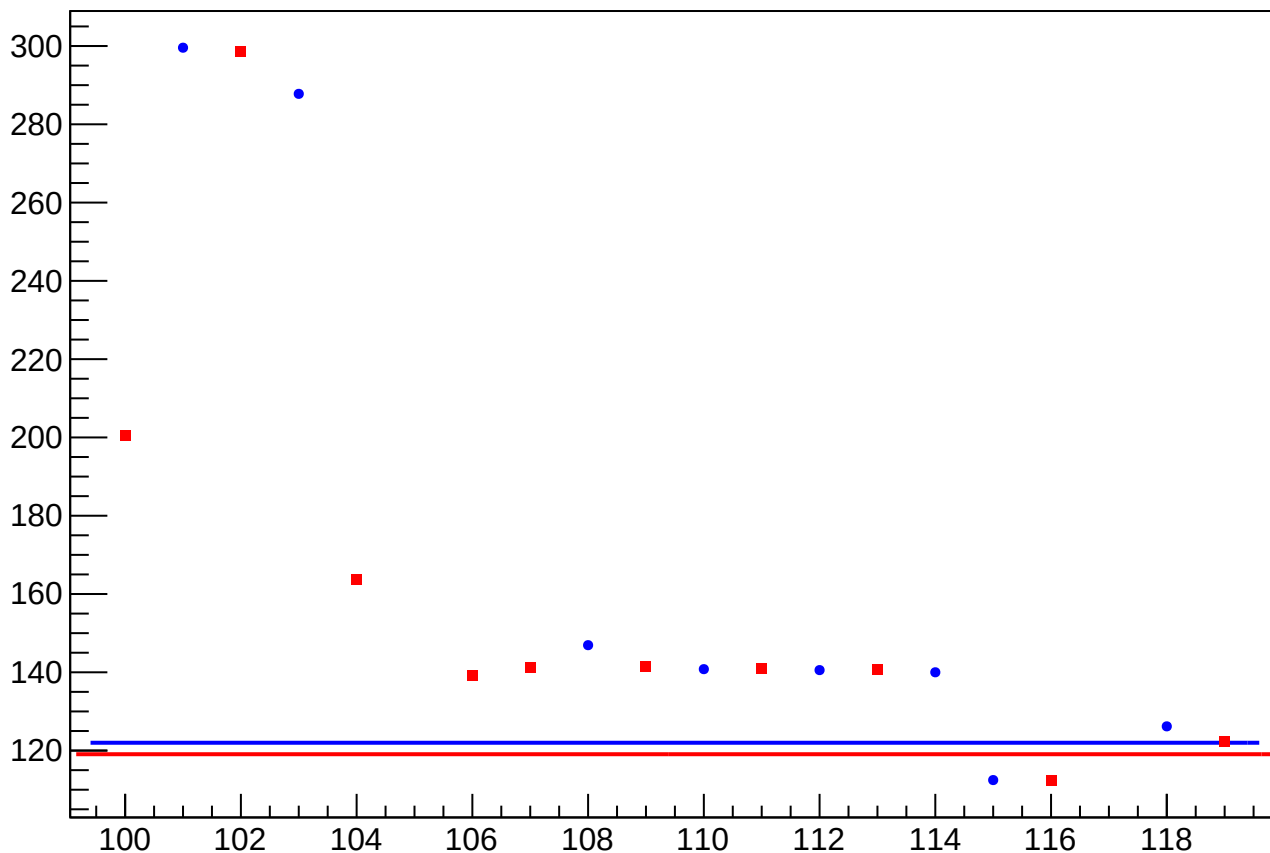
Right: 0.014+/-0.000 χ^2/NDF : 7173180.8/17

In: 0.014+/-0.000 χ^2/NDF :3364643.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

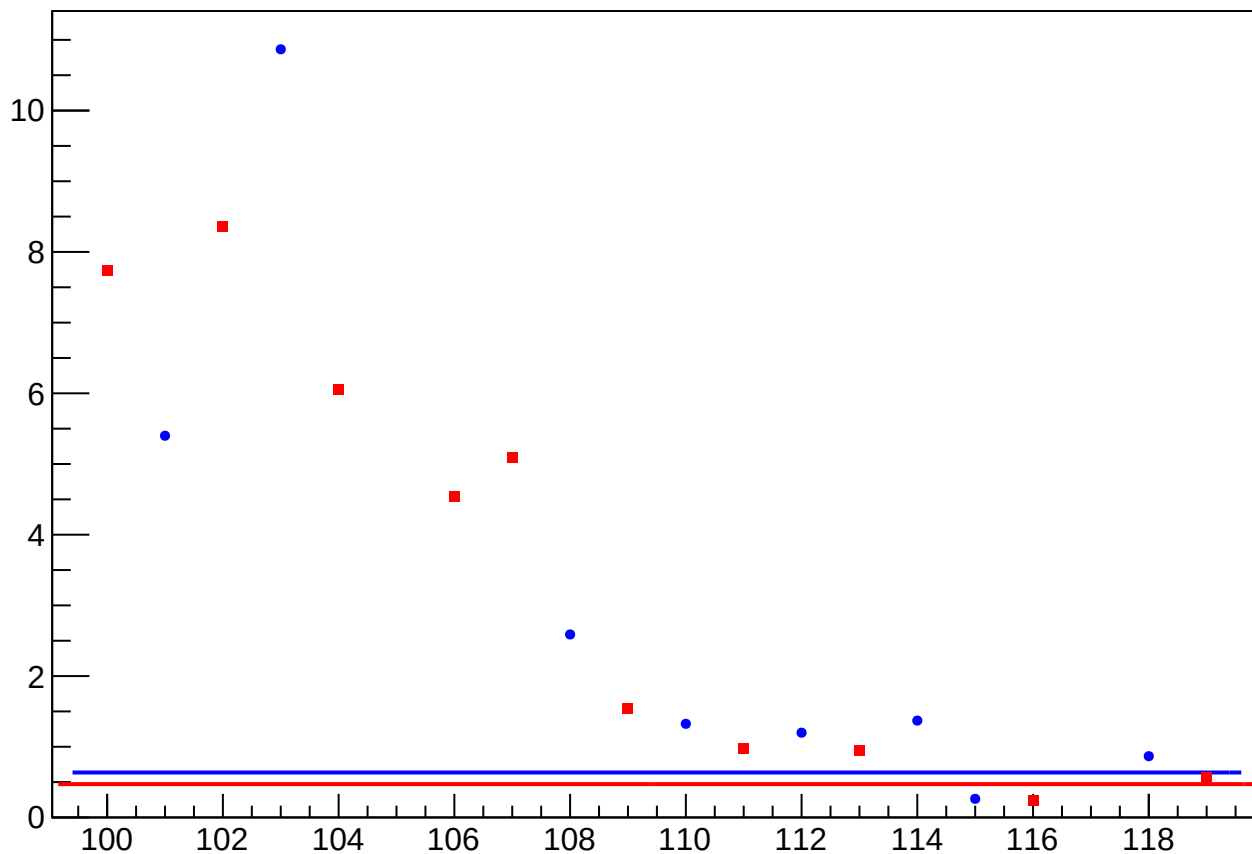
All: 0.014+/-0.000 χ^2/NDF : 7173180.8/17

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 122.001 $\pm$ 0.001 χ^2 /NDF: 1170556203.7/7
 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: 120.050 $\pm$ 0.000 χ^2 /NDF: 2164739168.8/17
 Right Out: 119.071 $\pm$ 0.000 χ^2 /NDF: 976435452.4/9
 In: 122.001 $\pm$ 0.001 χ^2 /NDF: 1170556203.7/7
 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: 120.050 $\pm$ 0.000 χ^2 /NDF: 2164739168.8

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.636 $\pm$ 0.000 χ^2 /NDF: 3351902.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.471 $\pm$ 0.000 χ^2 /NDF: 3963520.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

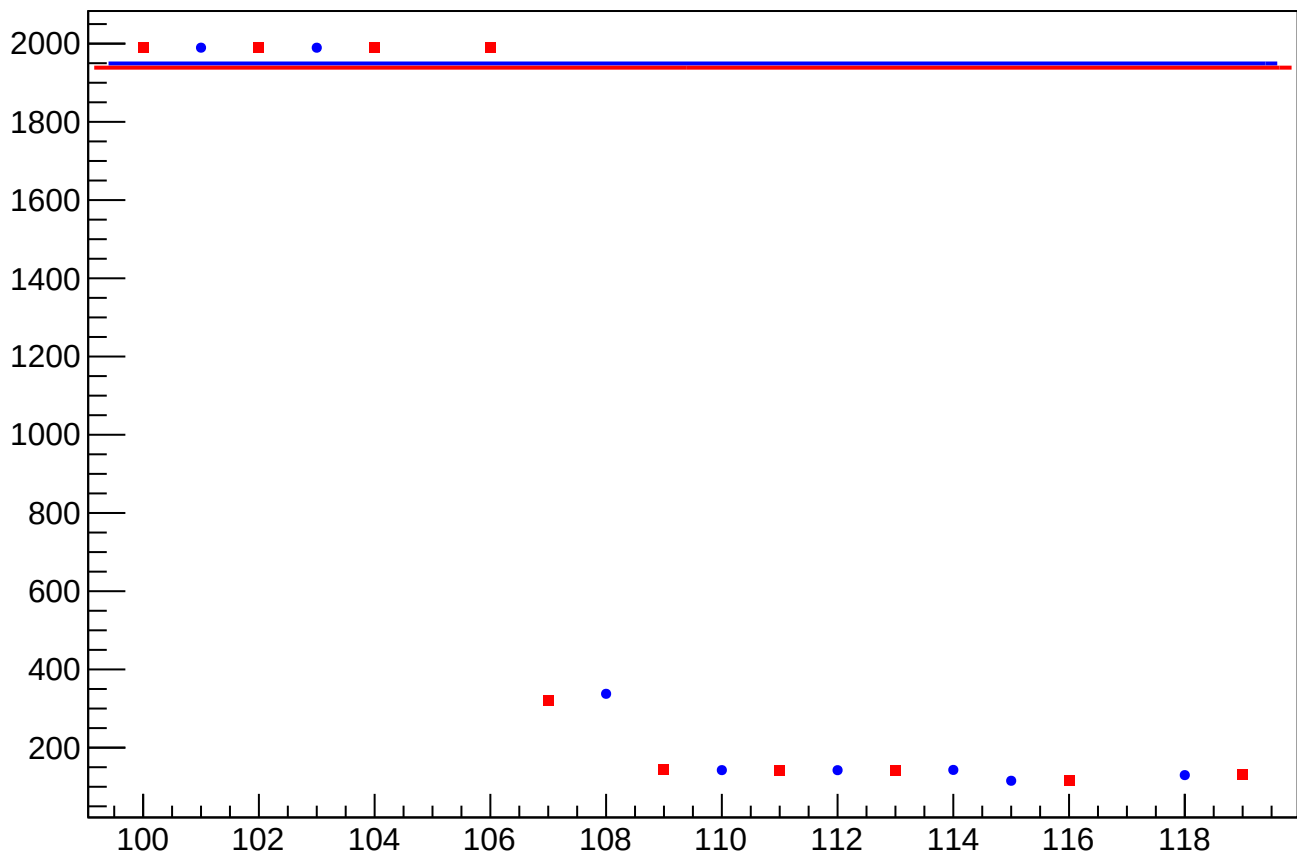
Right: 0.526 $\pm$ 0.000 χ^2 /NDF: 7427613.7/17

In: 0.636 $\pm$ 0.000 χ^2 /NDF:3351902.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

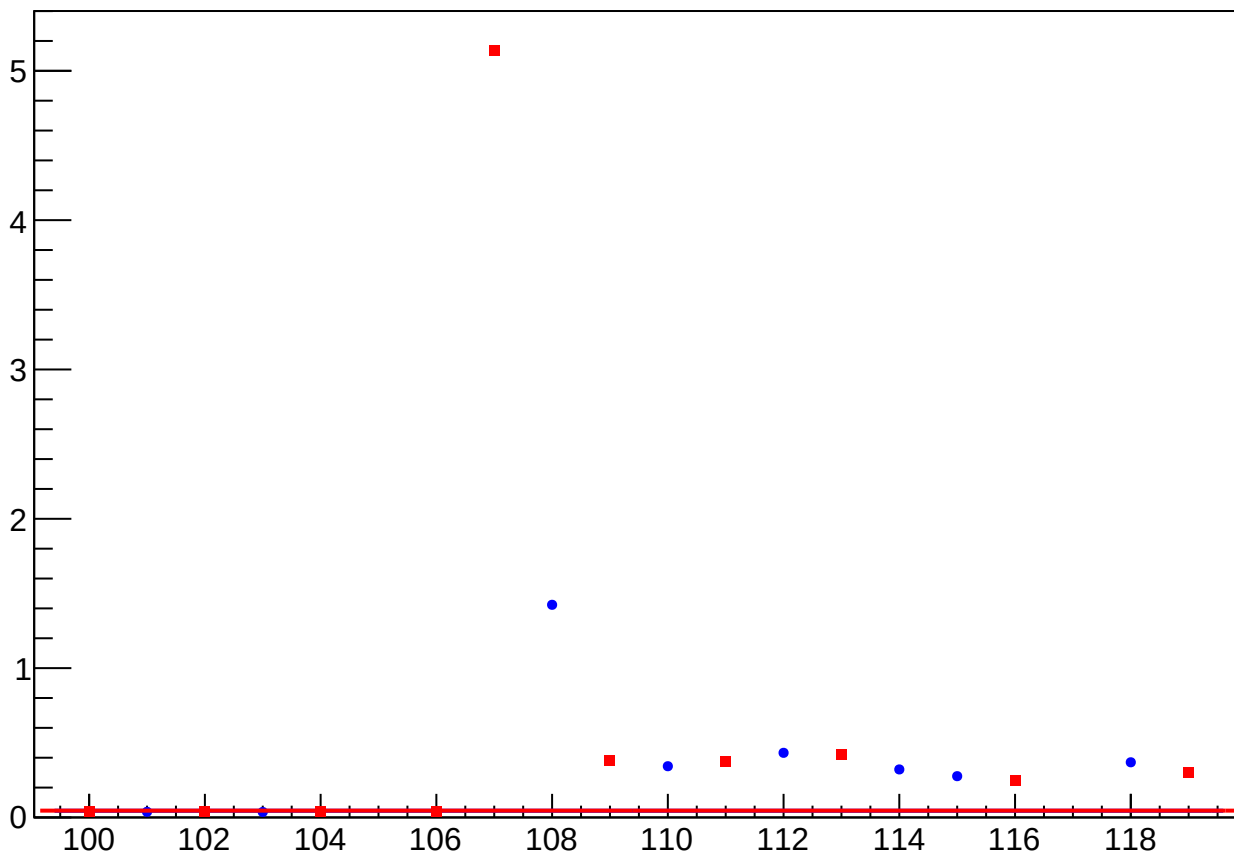
All: 0.526 $\pm$ 0.000 χ^2 /NDF: 7427613.7/17

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1949.200+/-0.000 χ^2/NDF : 39299390063940.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1938.600+/-0.000 χ^2/NDF : 58900144202098.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1943.435+/-0.000 χ^2/NDF : 98232289010771

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.045+/-0.000 χ^2/NDF : 2989404.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 3367606.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

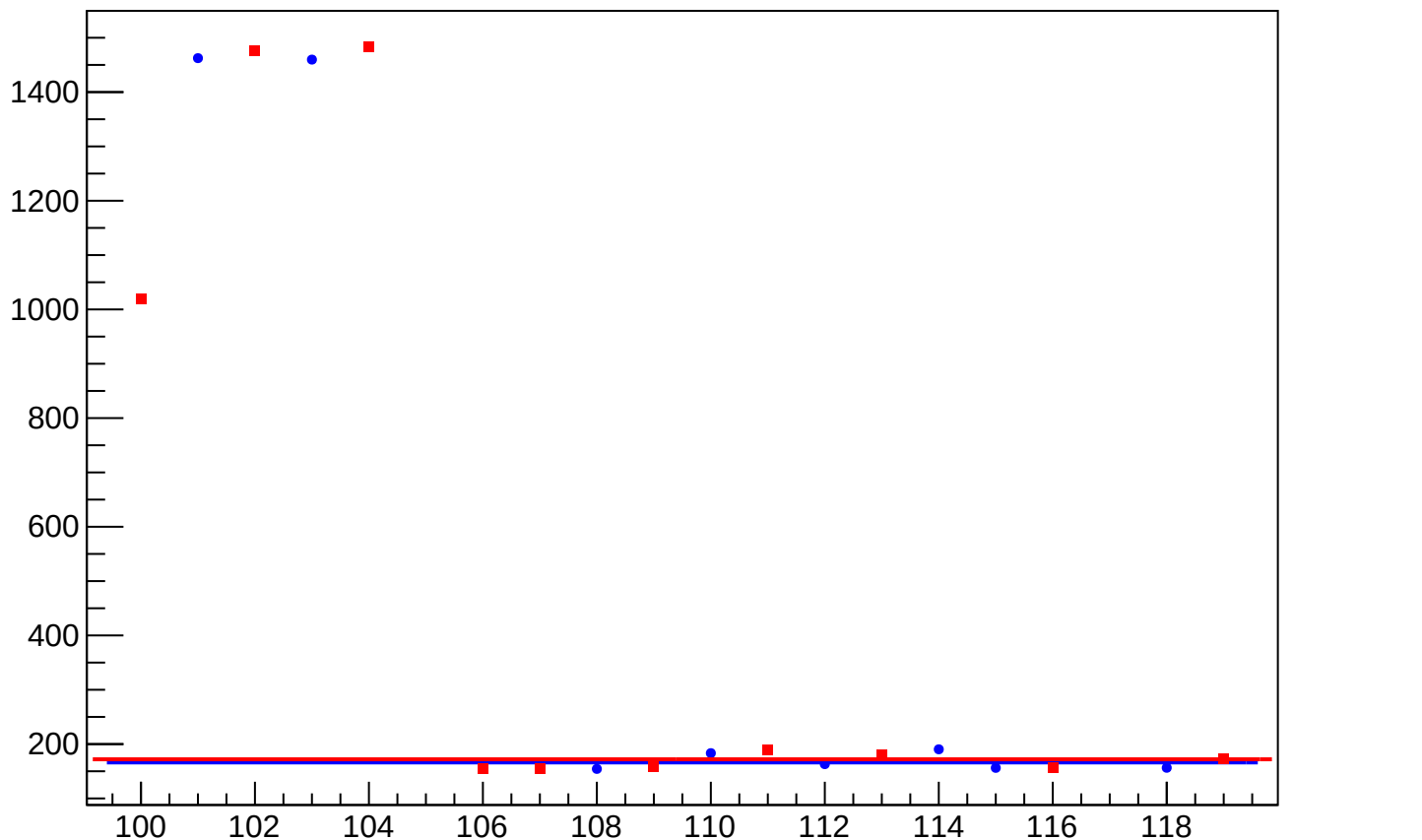
Right: 0.045+/-0.000 χ^2/NDF : 6357353.0/17

In: 0.045+/-0.000 χ^2/NDF : 2989404.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

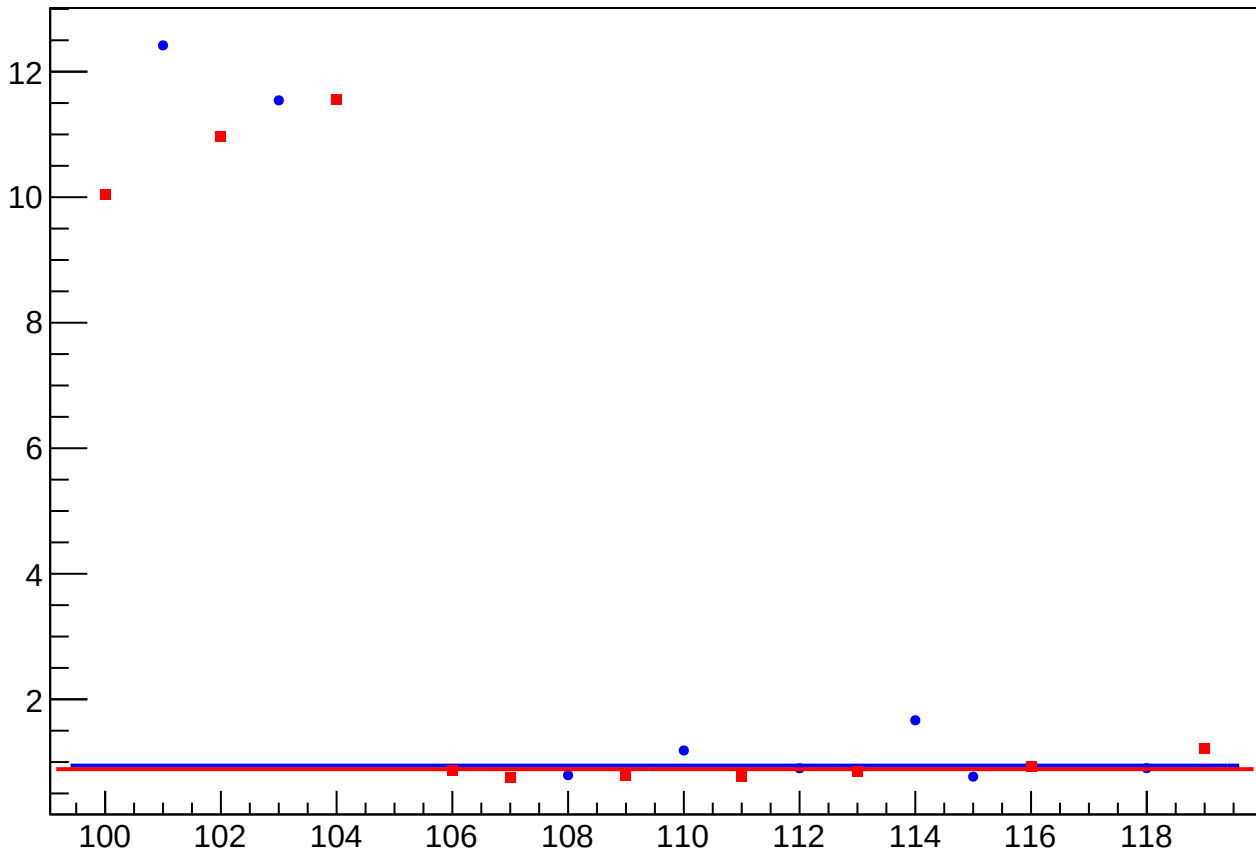
All: 0.045+/-0.000 χ^2/NDF : 6357353.0/17

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 166.257 $\pm$ 0.001 χ^2 /NDF: 14324068794.9/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 172.022 $\pm$ 0.001 χ^2 /NDF: 16035896757.5/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 169.658 $\pm$ 0.000 χ^2 /NDF: 30397090255.5/17
 In: 166.257 $\pm$ 0.001 χ^2 /NDF:14324068794.9/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 169.658 $\pm$ 0.000 χ^2 /NDF: 30397090255.5/17

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.943+/-0.001 χ^2/NDF : 2139245.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.887+/-0.000 χ^2/NDF : 2090102.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

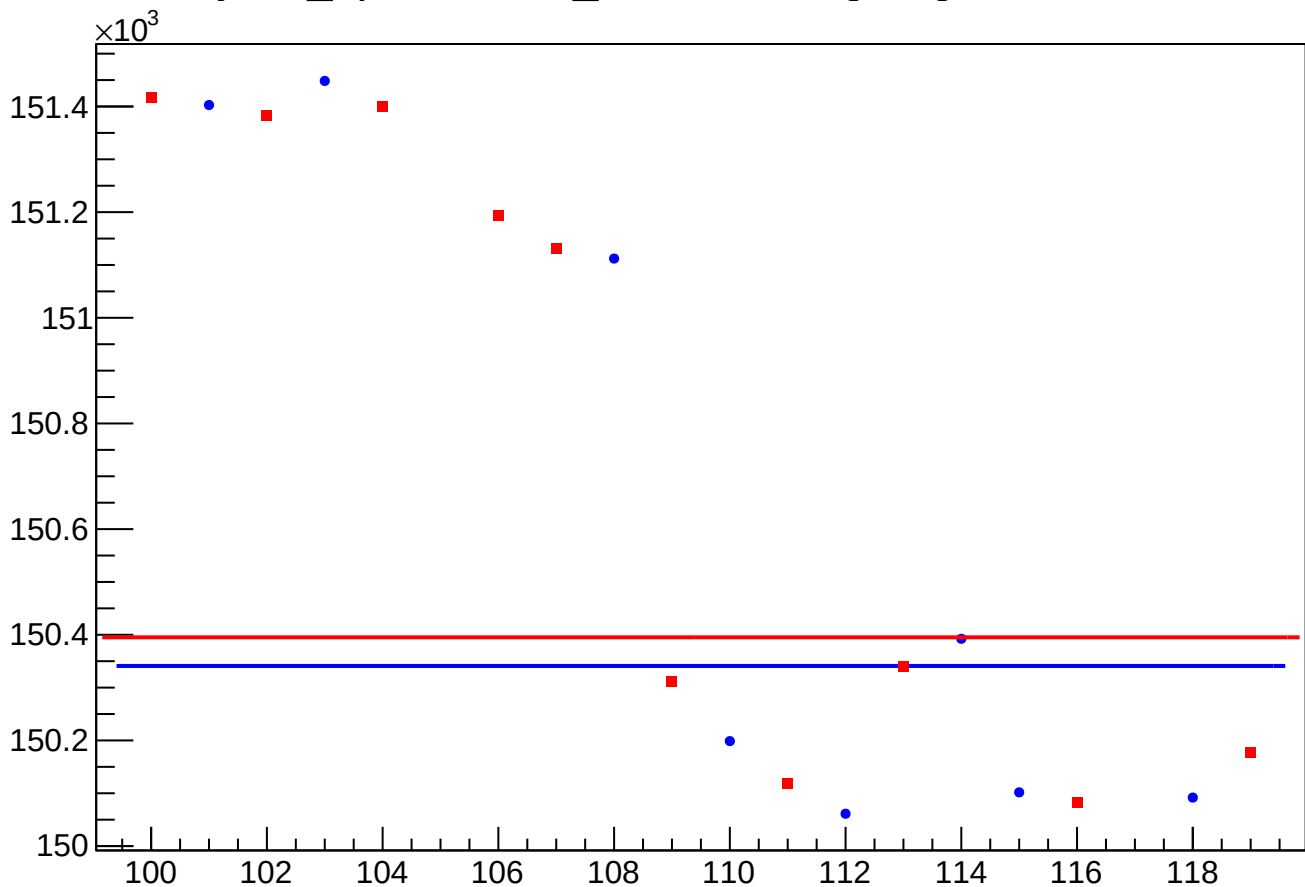
Right: 0.910+/-0.000 χ^2/NDF : 4236437.0/17

In: 0.943+/-0.001 χ^2/NDF : 2139245.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

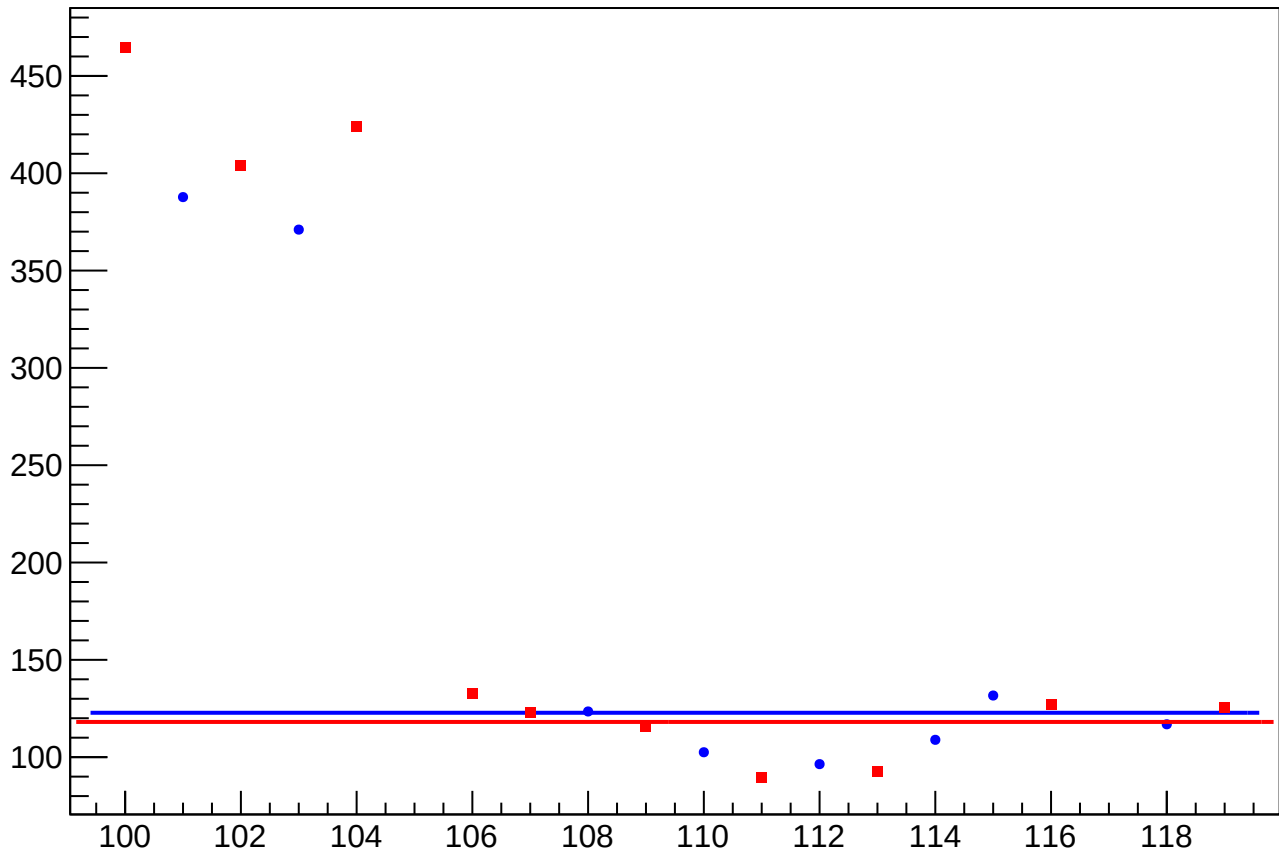
All: 0.910+/-0.000 χ^2/NDF : 4236437.0/17

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 150340.992+/-0.077 χ^2 /NDF: 32107637.7/7
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 150372.439+/-0.050 χ^2 /NDF: 67311578.9/17
 In: 150340.992+/-0.077 χ^2 /NDF: 32107637.7/7
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 150372.439+/-0.050 χ^2 /NDF: 67311578.9/17

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.805+/-0.054 χ^2/NDF : 1221501.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.093+/-0.046 χ^2/NDF : 1435052.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

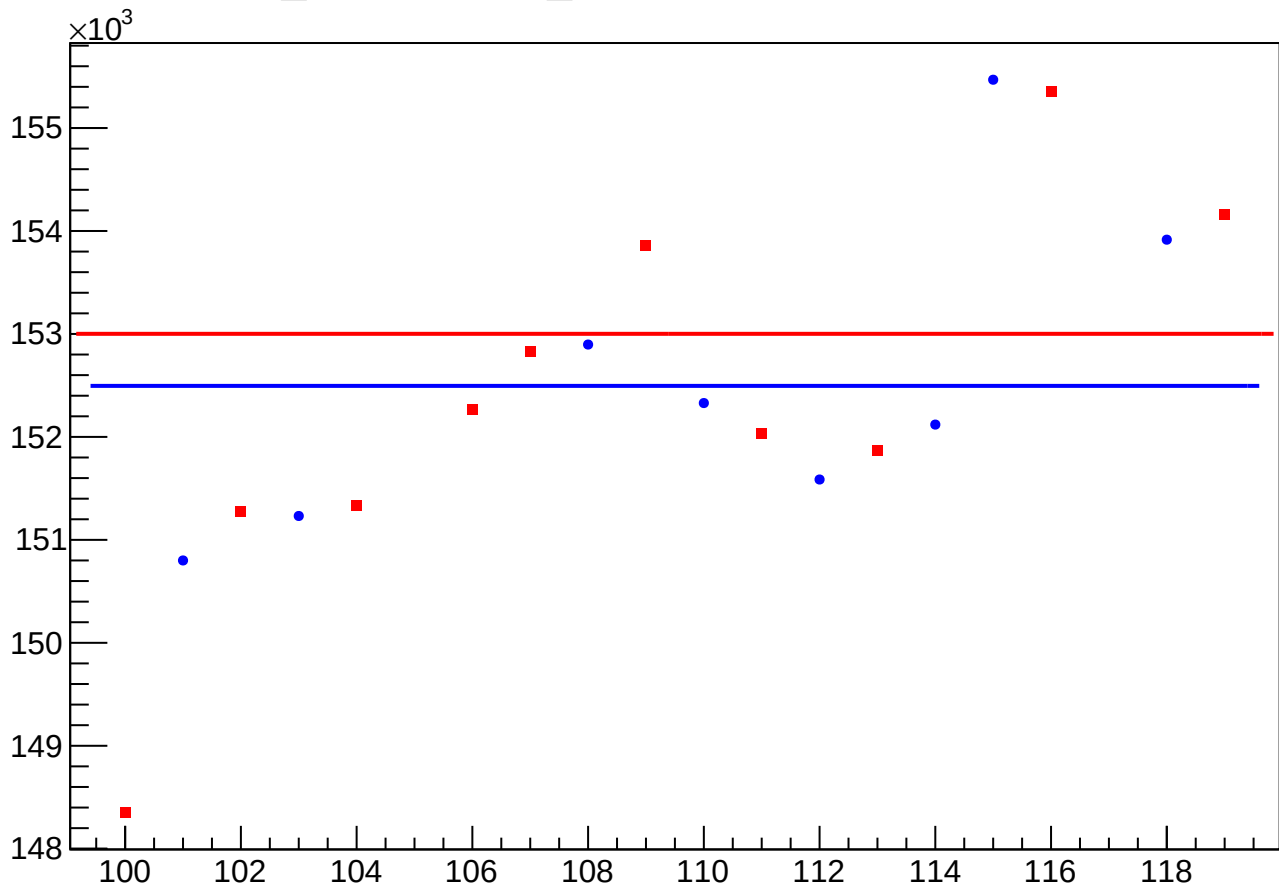
Right: 120.071+/-0.035 χ^2/NDF : 2660917.9/17

In: 122.805+/-0.054 χ^2/NDF : 1221501.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.071+/-0.035 χ^2/NDF : 2660917.9/17

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 152807.010+/-0.073 χ^2 /NDF: 264316706.1/1

In: 152495.606+/-0.118 χ^2 /NDF: 84447572.1/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152807.010+/-0.073 χ^2 /NDF: 264316706.1/1

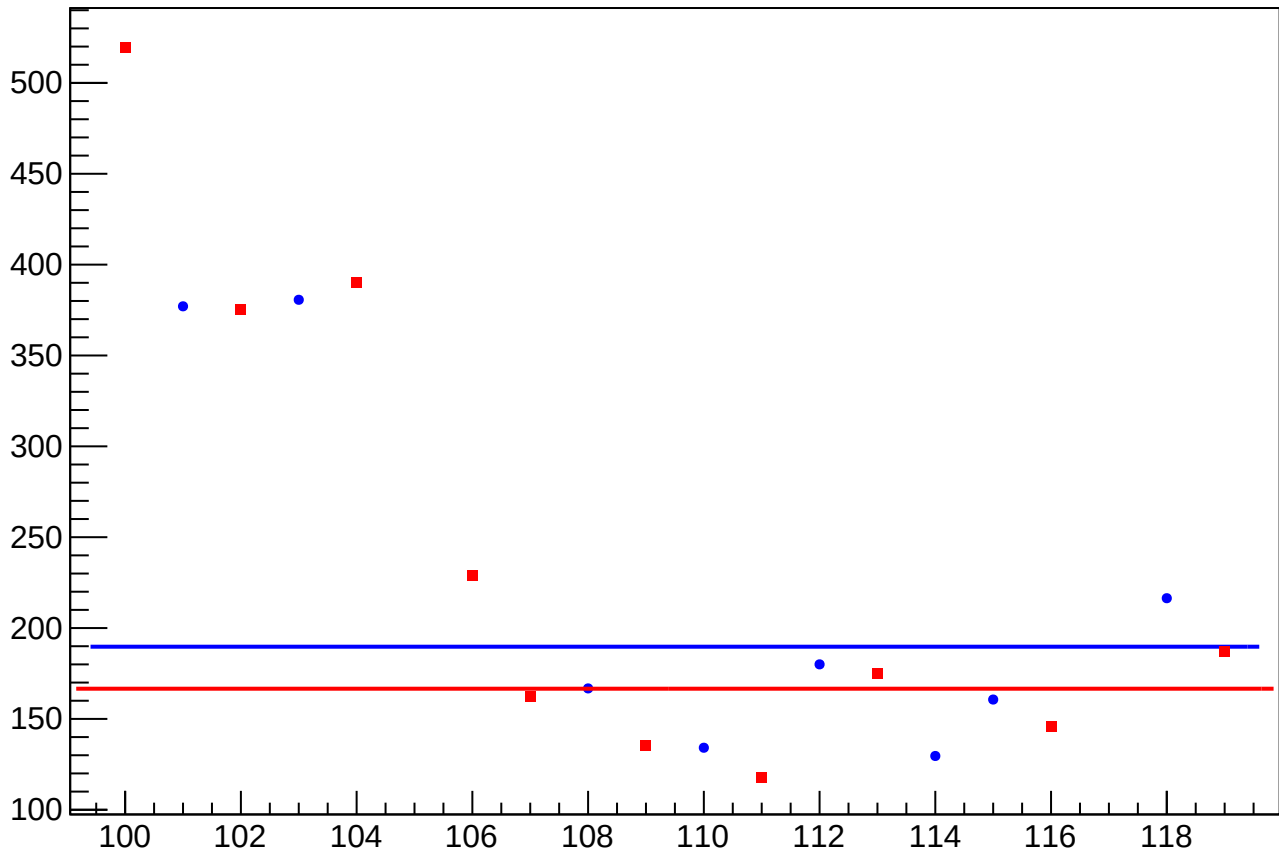
Right In: 152495.606+/-0.118 χ^2 /NDF: 84447572.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153001.190+/-0.094 χ^2 /NDF: 168651054.5/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 189.738+/-0.084 χ^2/NDF : 817875.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.621+/-0.066 χ^2/NDF : 1062022.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

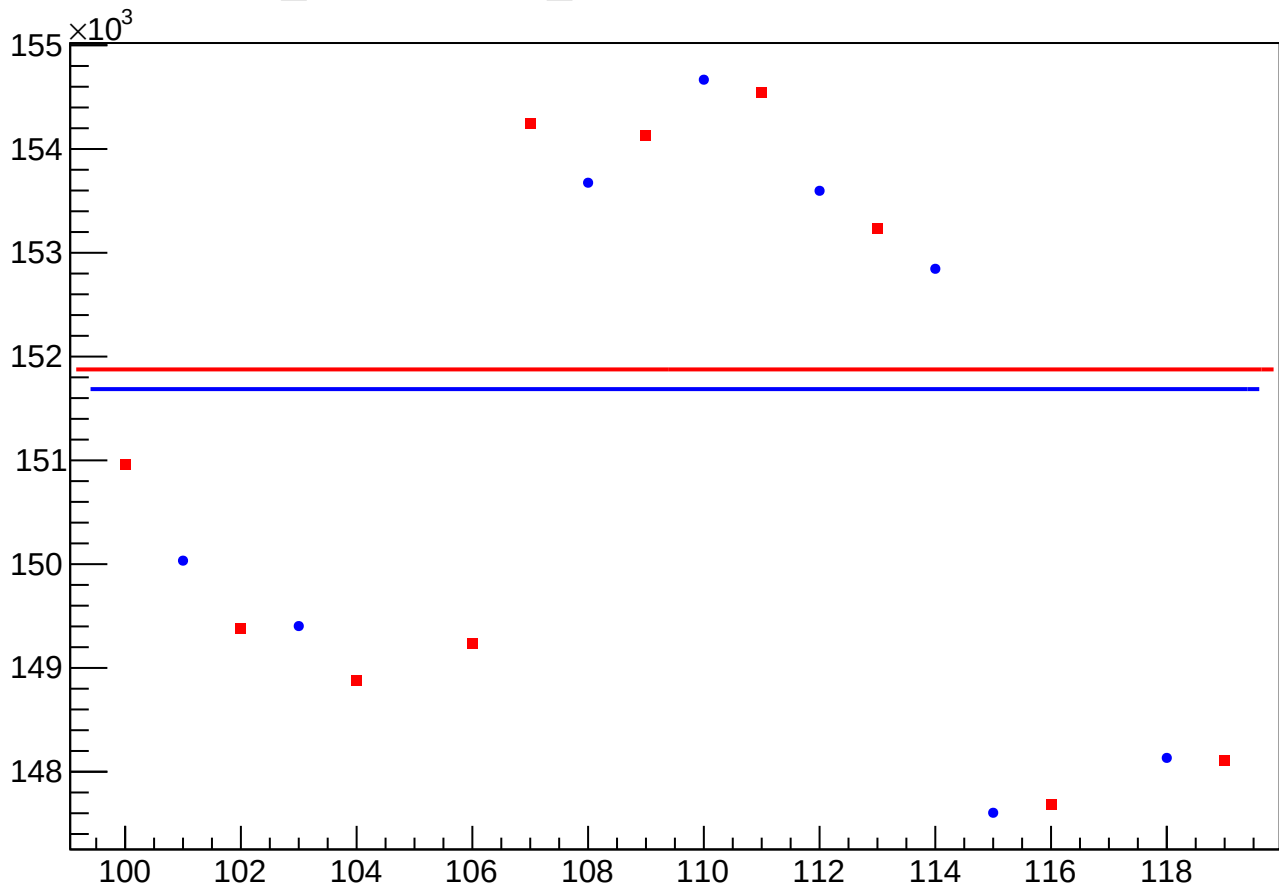
Right: 175.500+/-0.052 χ^2/NDF : 1926804.4/17

In: 189.738+/-0.084 χ^2/NDF : 817875.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

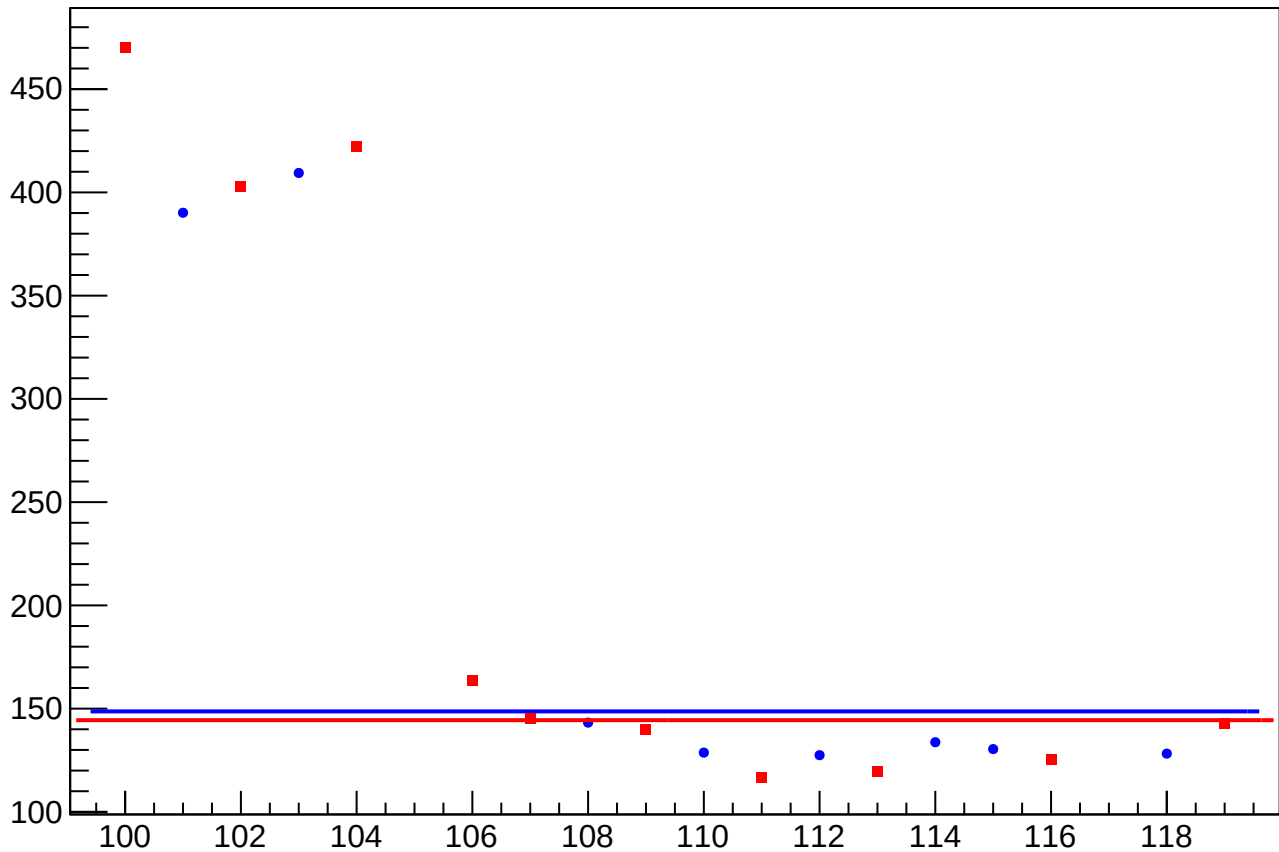
All: 175.500+/-0.052 χ^2/NDF : 1926804.4/17

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 151686.569 $\pm$ 0.091 χ^2 /NDF: 929500271.7/7
 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: 151794.181 $\pm$ 0.060 χ^2 /NDF: 2182613843.7/7
 In: 151686.569 $\pm$ 0.091 χ^2 /NDF: 929500271.7/7
 Right Out: 151876.262 $\pm$ 0.080 χ^2 /NDF: 1250657183.8/9
 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: 151794.181 $\pm$ 0.060 χ^2 /NDF: 2182613843.7/7

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 148.662 $\pm$ 0.064 χ^2 /NDF: 1068001.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.408 $\pm$ 0.056 χ^2 /NDF: 1155374.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

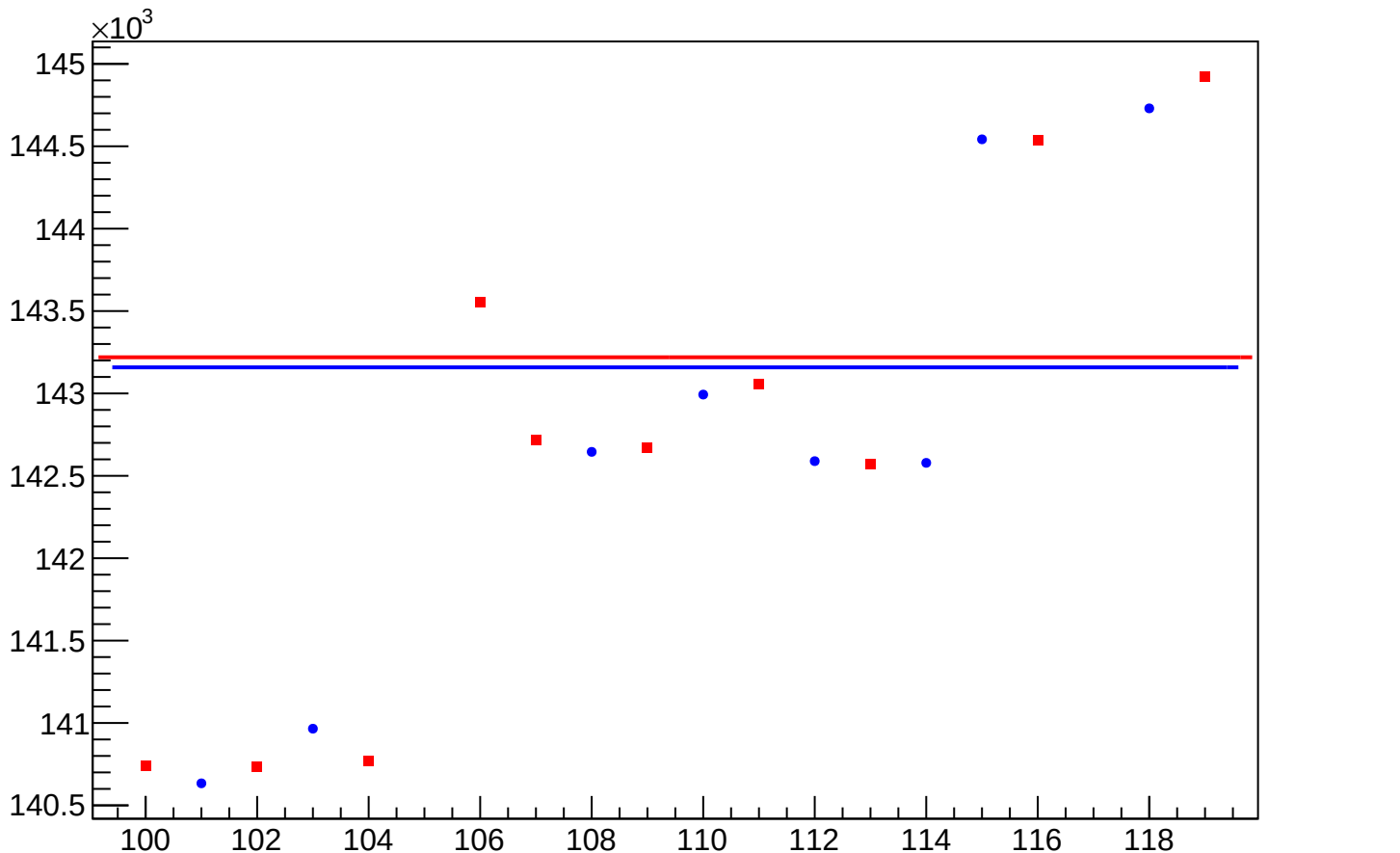
Right: 146.249 $\pm$ 0.042 χ^2 /NDF: 2225845.3/17

In: 148.662 $\pm$ 0.064 χ^2 /NDF:1068001.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 146.249 $\pm$ 0.042 χ^2 /NDF: 2225845.3/17

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 143193.406+/-0.048 χ^2 /NDF: 435575479.2/1

In: 143158.286+/-0.074 χ^2 /NDF: 202013929.2/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143193.406+/-0.048 χ^2 /NDF: 435575479.2/1

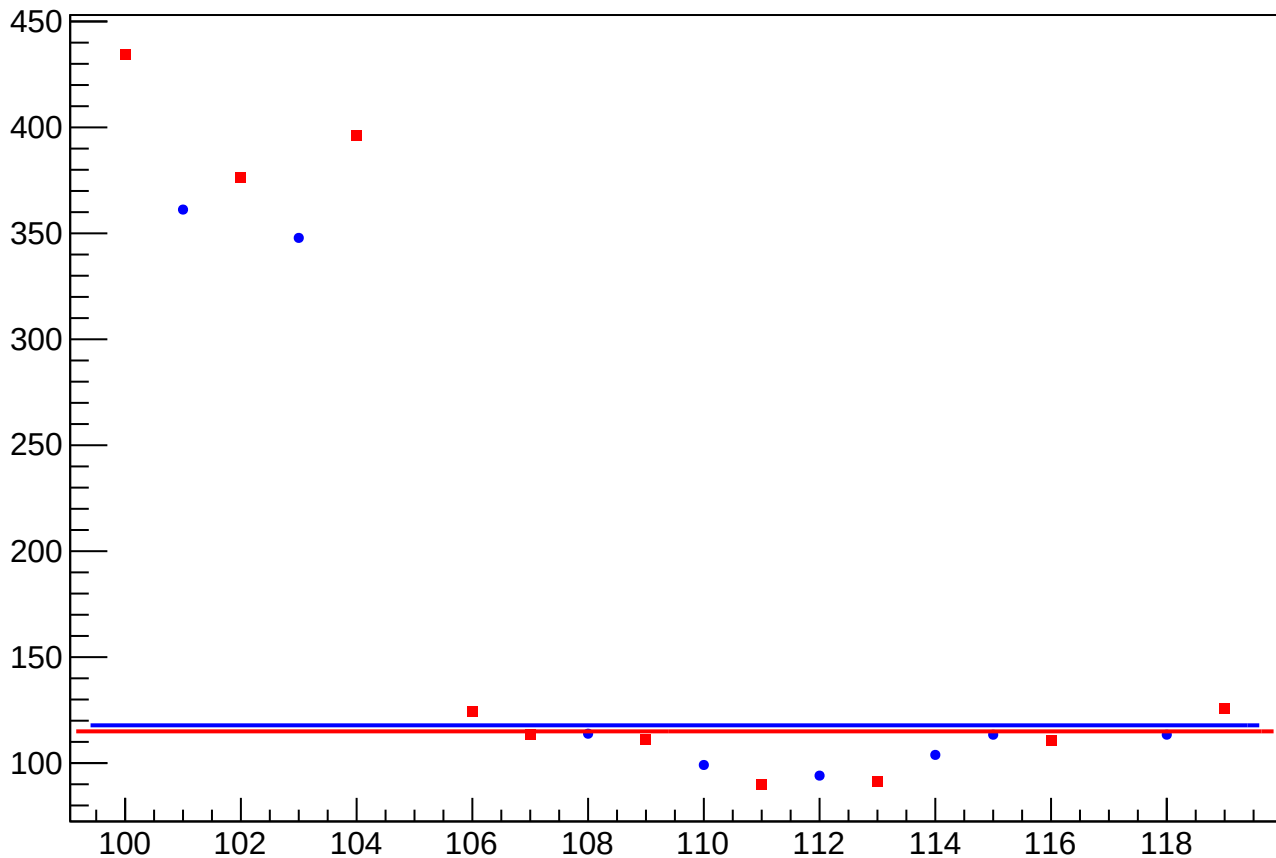
Right In: 143158.286+/-0.074 χ^2 /NDF: 202013929.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143219.436+/-0.063 χ^2 /NDF: 233164258.6/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 117.819+/-0.052 χ^2/NDF : 1183062.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.971+/-0.045 χ^2/NDF : 1363923.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

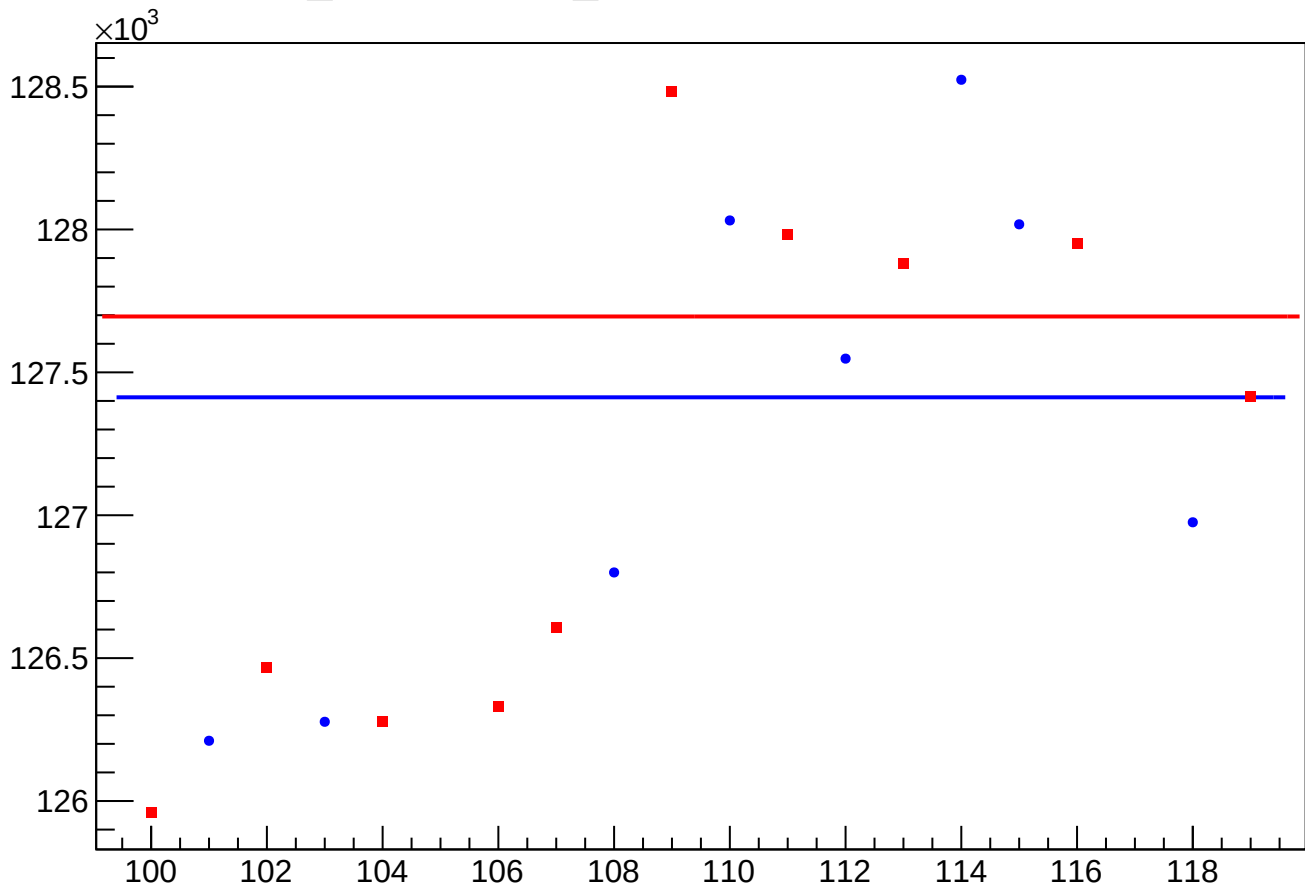
Right: 116.183+/-0.034 χ^2/NDF : 2548709.7/17

In: 117.819+/-0.052 χ^2/NDF : 1183062.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

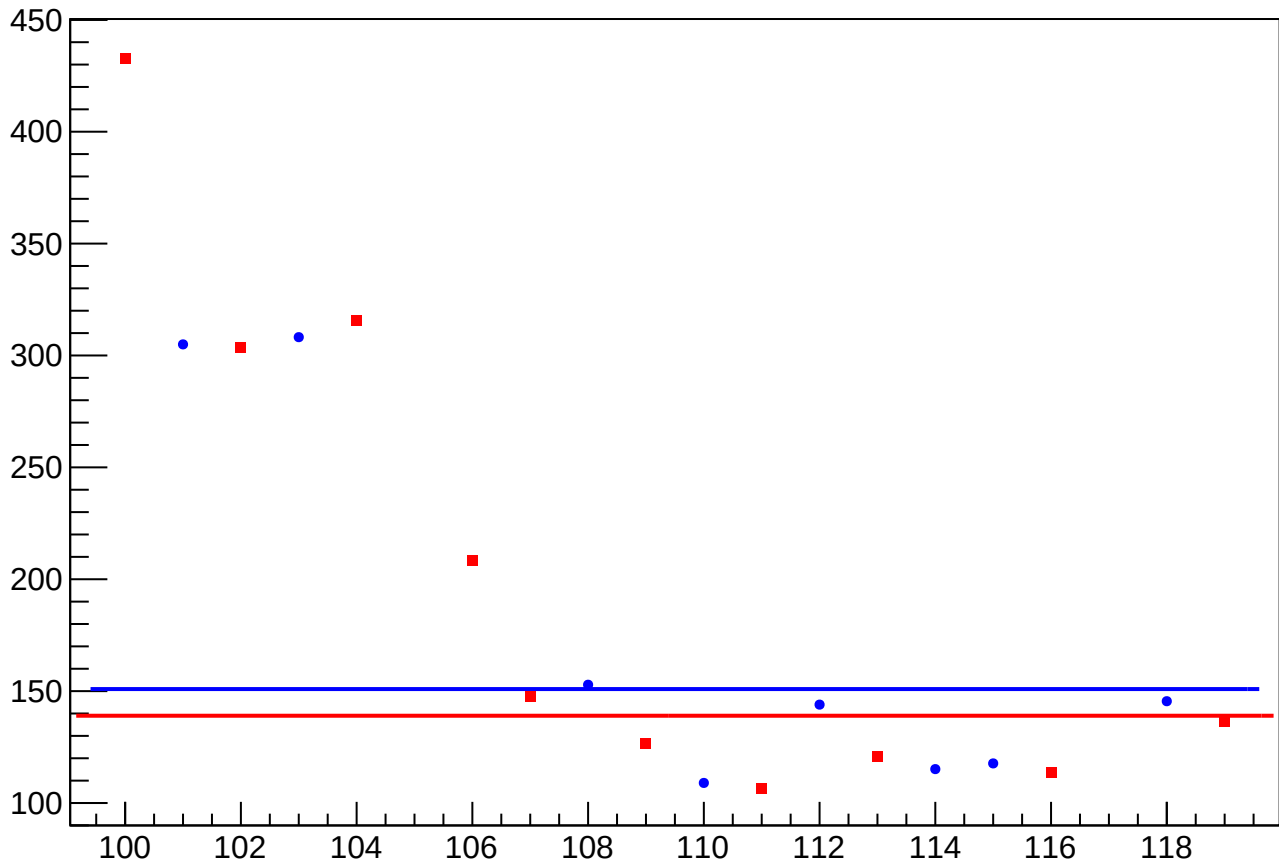
All: 116.183+/-0.034 χ^2/NDF : 2548709.7/17

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 127412.667 $\pm$ 0.091 χ^2 /NDF: 54613518.3/7
 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: 127580.529 $\pm$ 0.058 χ^2 /NDF: 134373861.3/1
 Right Out: 127695.516 $\pm$ 0.075 χ^2 /NDF: 73973510.2/9
 In: 127412.667 $\pm$ 0.091 χ^2 /NDF: 54613518.3/7
 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: 127580.529 $\pm$ 0.058 χ^2 /NDF: 134373861.3/1

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 150.924+/-0.064 χ^2/NDF : 798446.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.005+/-0.053 χ^2/NDF : 968839.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

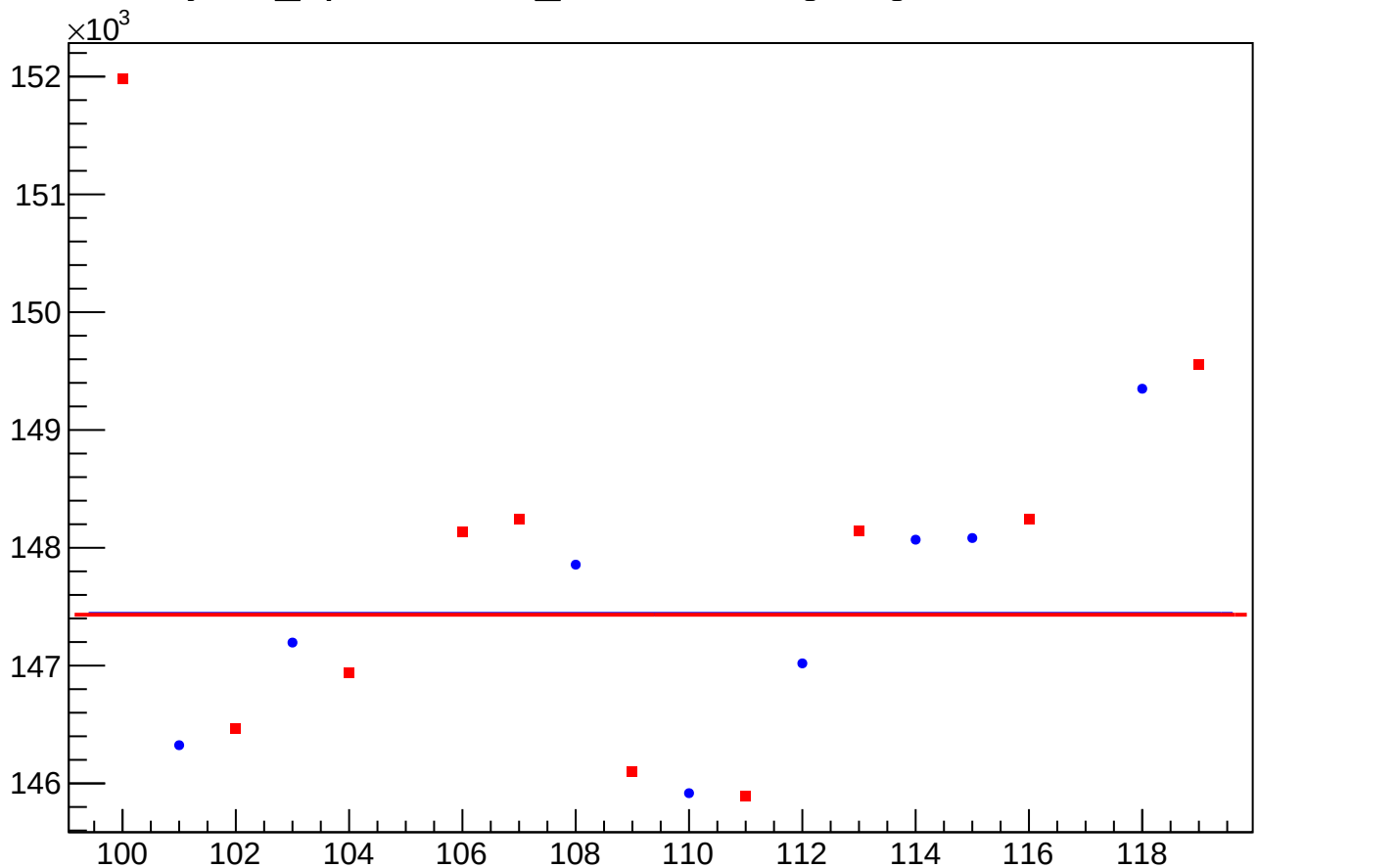
Right: 143.850+/-0.041 χ^2/NDF : 1787839.6/17

In: 150.924+/-0.064 χ^2/NDF : 798446.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

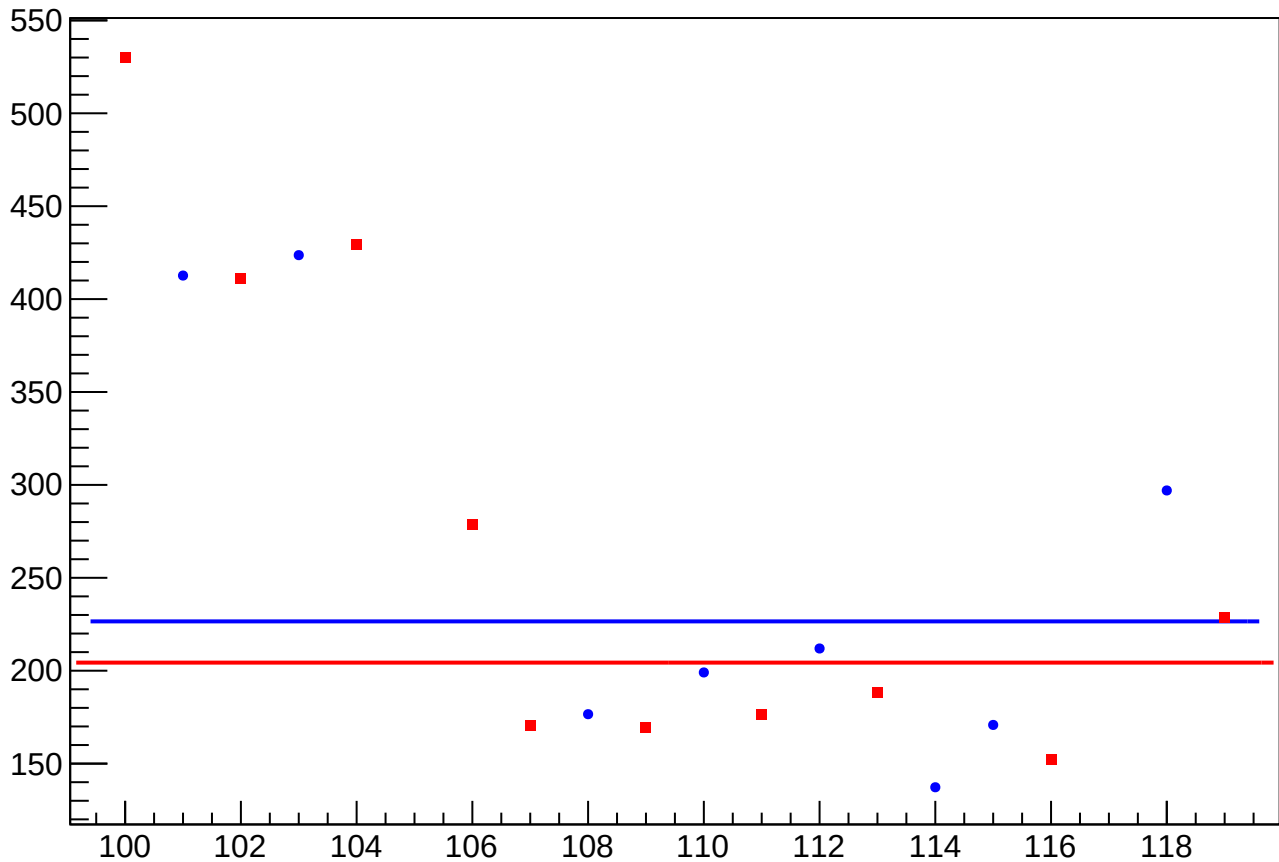
All: 143.850+/-0.041 χ^2/NDF : 1787839.6/17

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 147438.907+/-0.137 χ^2 /NDF: 53834250.7/7
 Right: 147434.727+/-0.086 χ^2 /NDF: 195785342.9/1
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 In: 147438.907+/-0.137 χ^2 /NDF: 53834250.7/7
 Right Out: 147432.007+/-0.110 χ^2 /NDF: 141949545.6/9
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 147434.727+/-0.086 χ^2 /NDF: 195785342.9/1

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 226.547+/-0.097 χ^2/NDF : 785129.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.358+/-0.078 χ^2/NDF : 861400.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

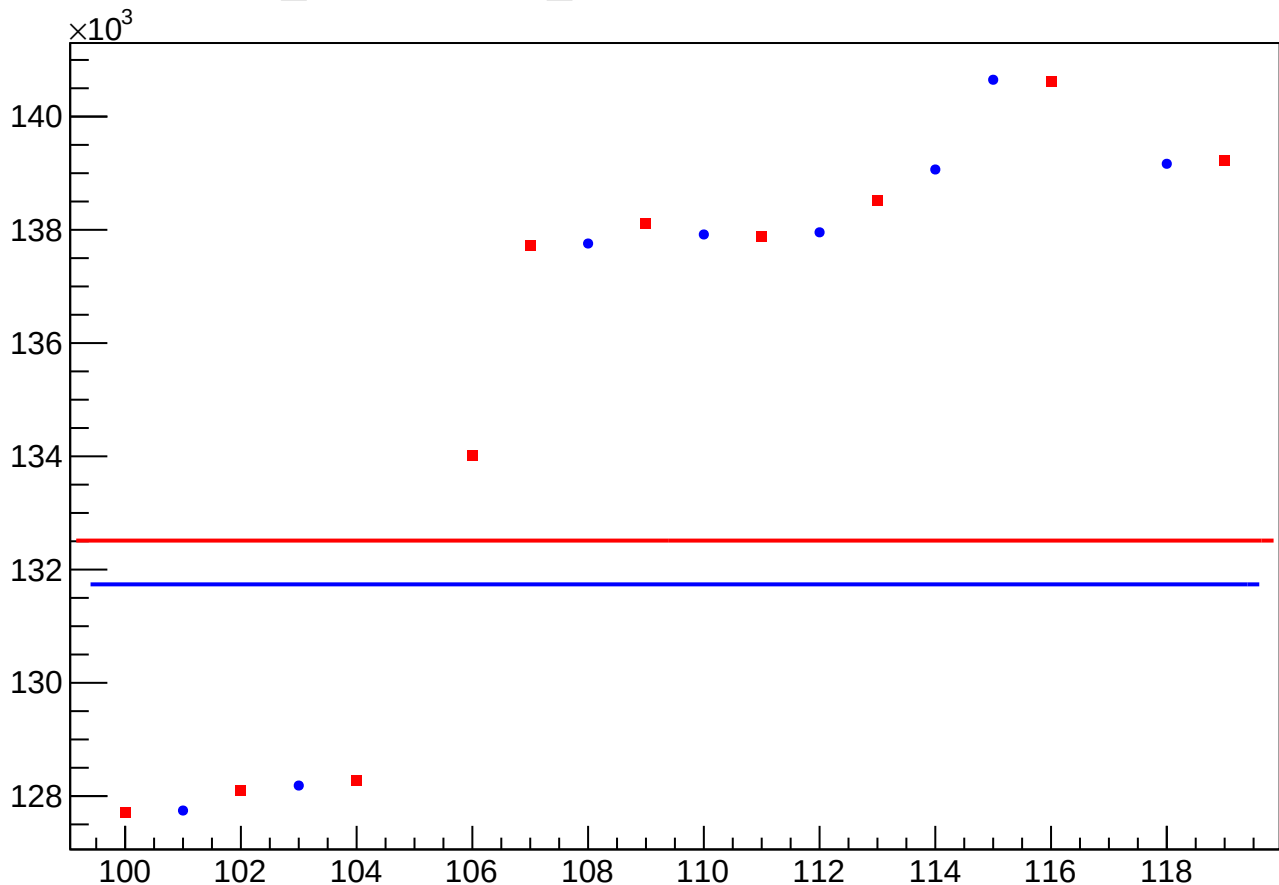
Right: 213.105+/-0.061 χ^2/NDF : 1678519.4/17

In: 226.547+/-0.097 χ^2/NDF : 785129.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 213.105+/-0.061 χ^2/NDF : 1678519.4/17

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 132133.359+/-0.158 χ^2 /NDF: 1034195553.0/7

In: 131739.038+/-0.226 χ^2 /NDF: 501844400.9/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 132133.359+/-0.158 χ^2 /NDF: 1034195553.0/7

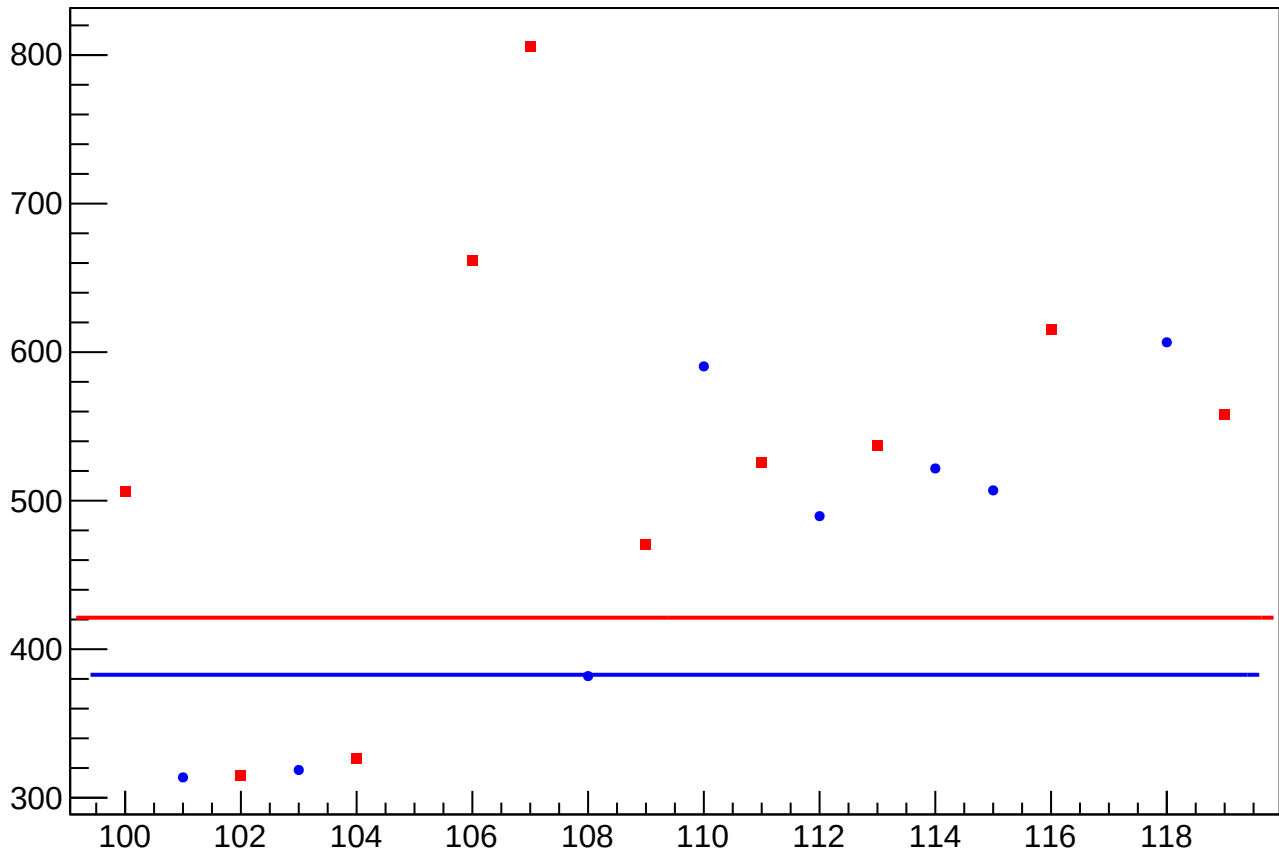
Right In: 131739.038+/-0.226 χ^2 /NDF: 501844400.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 132512.110+/-0.221 χ^2 /NDF: 526358387.4/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 382.791 $\pm$ 0.159 χ^2 /NDF: 409891.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 421.231 $\pm$ 0.156 χ^2 /NDF: 620503.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

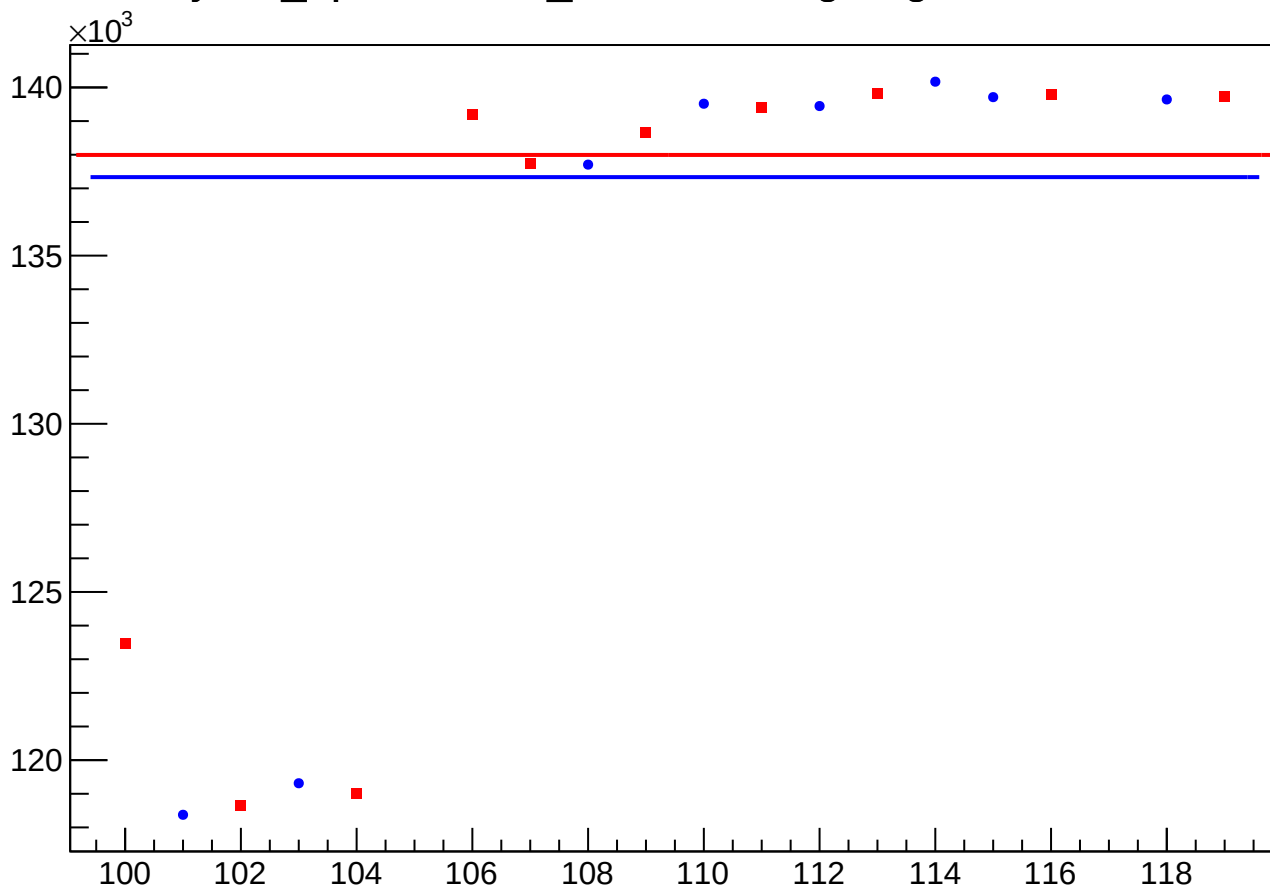
Right: 402.398 $\pm$ 0.112 χ^2 /NDF: 1060028.2/17

In: 382.791 $\pm$ 0.159 χ^2 /NDF:409891.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

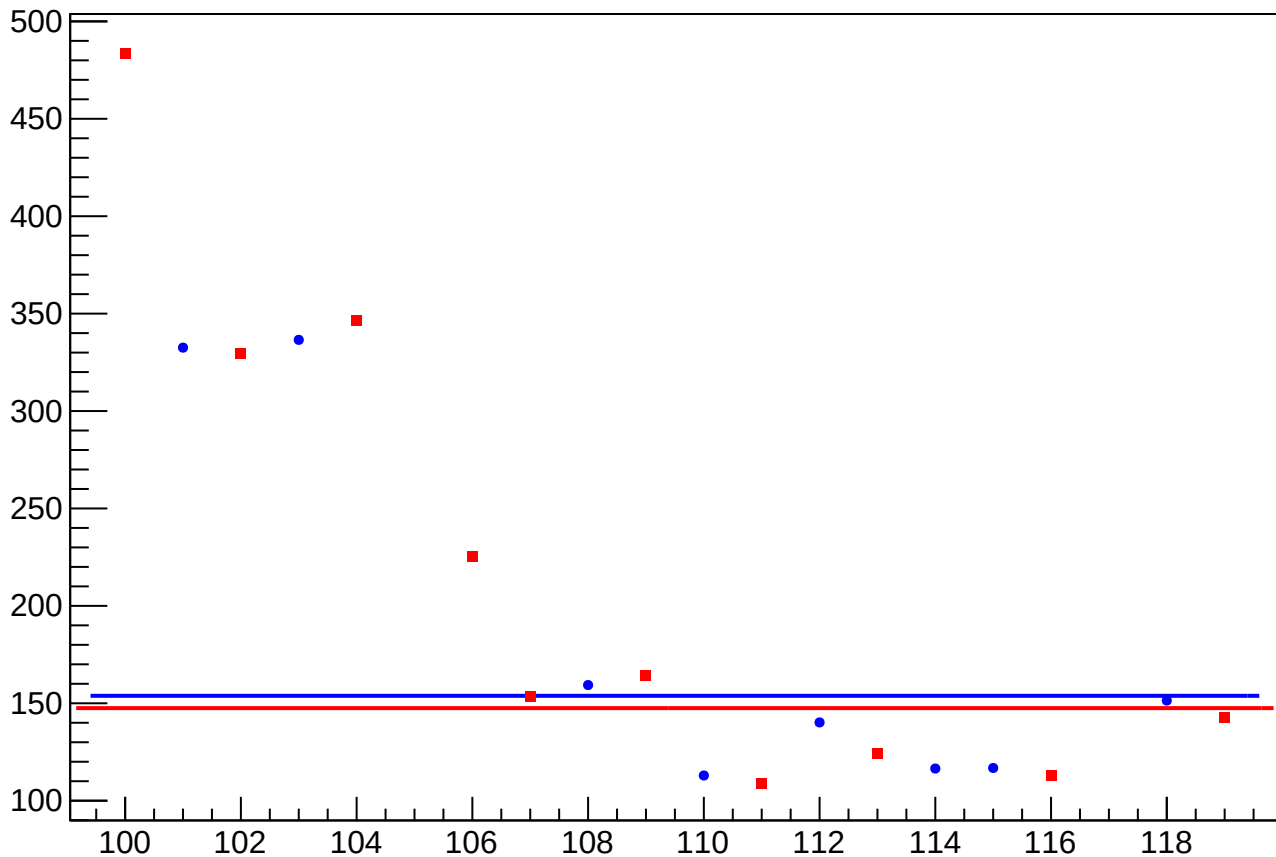
All: 402.398 $\pm$ 0.112 χ^2 /NDF: 1060028.2/17

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 137333.978 $\pm$ 0.093 χ^2 /NDF: 4334234986.5/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 137993.307 $\pm$ 0.080 χ^2 /NDF: 4184997762.3/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 137712.900 $\pm$ 0.061 χ^2 /NDF: 8548138182.2/10

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 153.834+/-0.066 χ^2/NDF : 883943.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.522+/-0.057 χ^2/NDF : 1072643.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

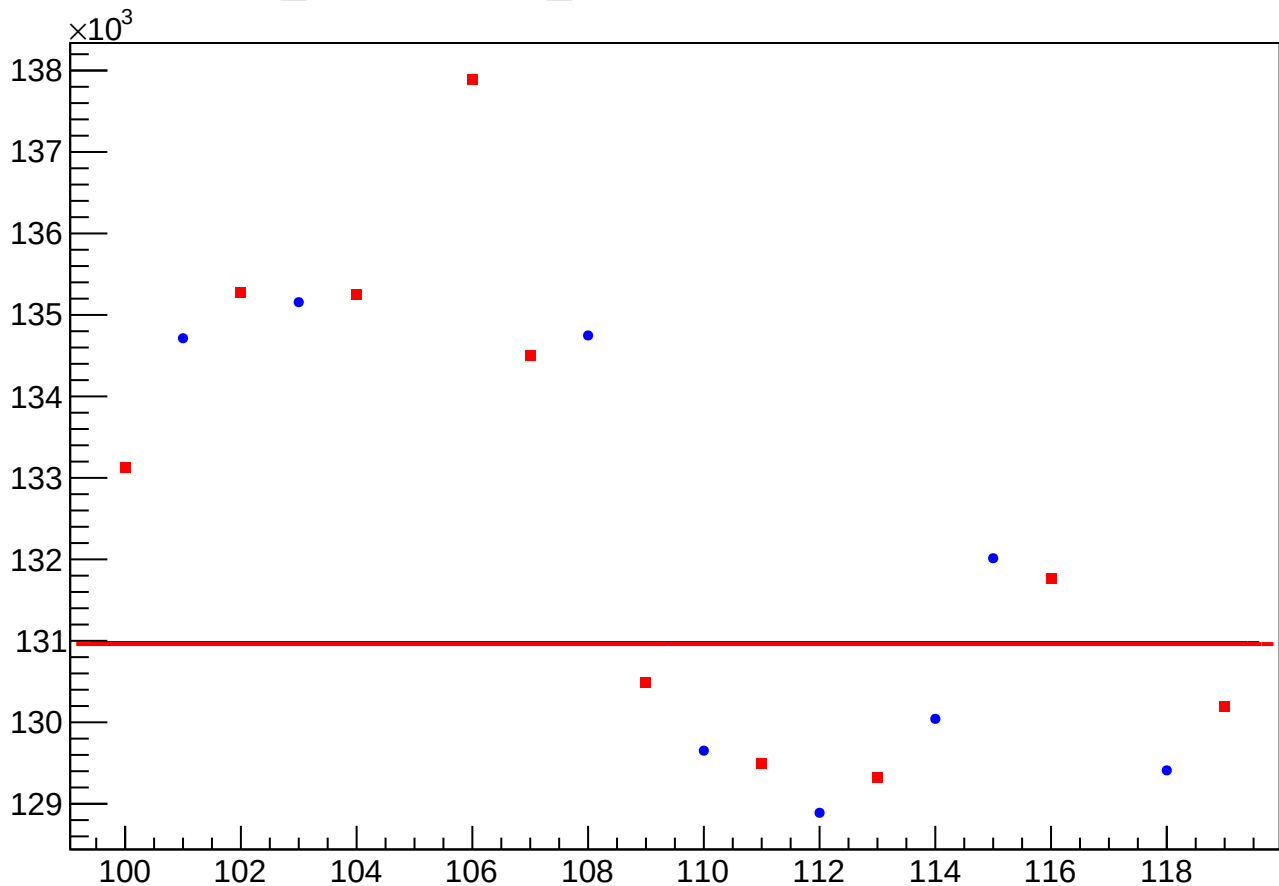
Right: 150.206+/-0.043 χ^2/NDF : 1961884.6/17

In: 153.834+/-0.066 χ^2/NDF : 883943.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.206+/-0.043 χ^2/NDF : 1961884.6/17

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 130965.271+/-0.066 χ^2 /NDF: 1133985930.8

In: 130972.685+/-0.106 χ^2 /NDF: 499404446.3/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 130965.271+/-0.066 χ^2 /NDF: 1133985930.8

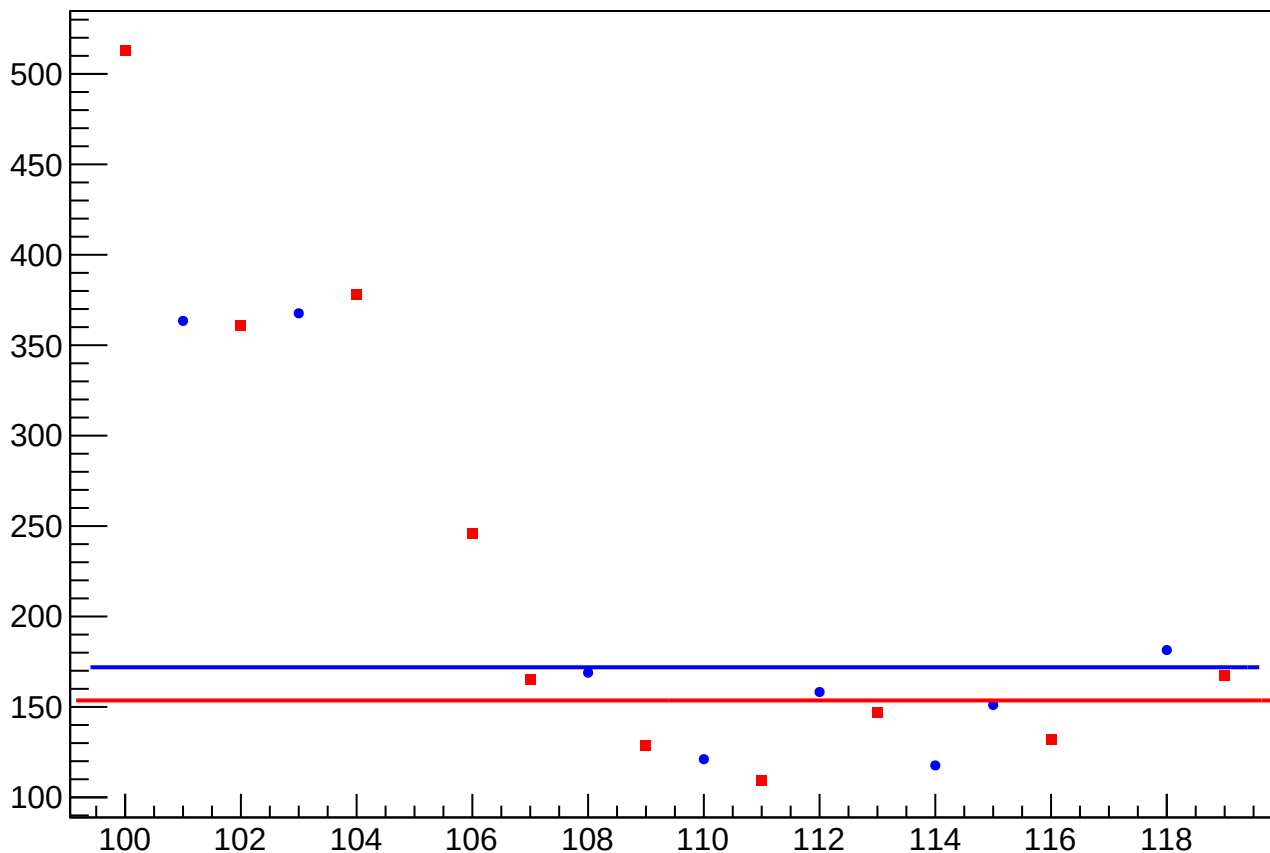
Right In: 130972.685+/-0.106 χ^2 /NDF: 499404446.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 130960.469+/-0.085 χ^2 /NDF: 634573414.4/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 171.929+/-0.075 χ^2/NDF : 884122.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.582+/-0.060 χ^2/NDF : 1139786.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

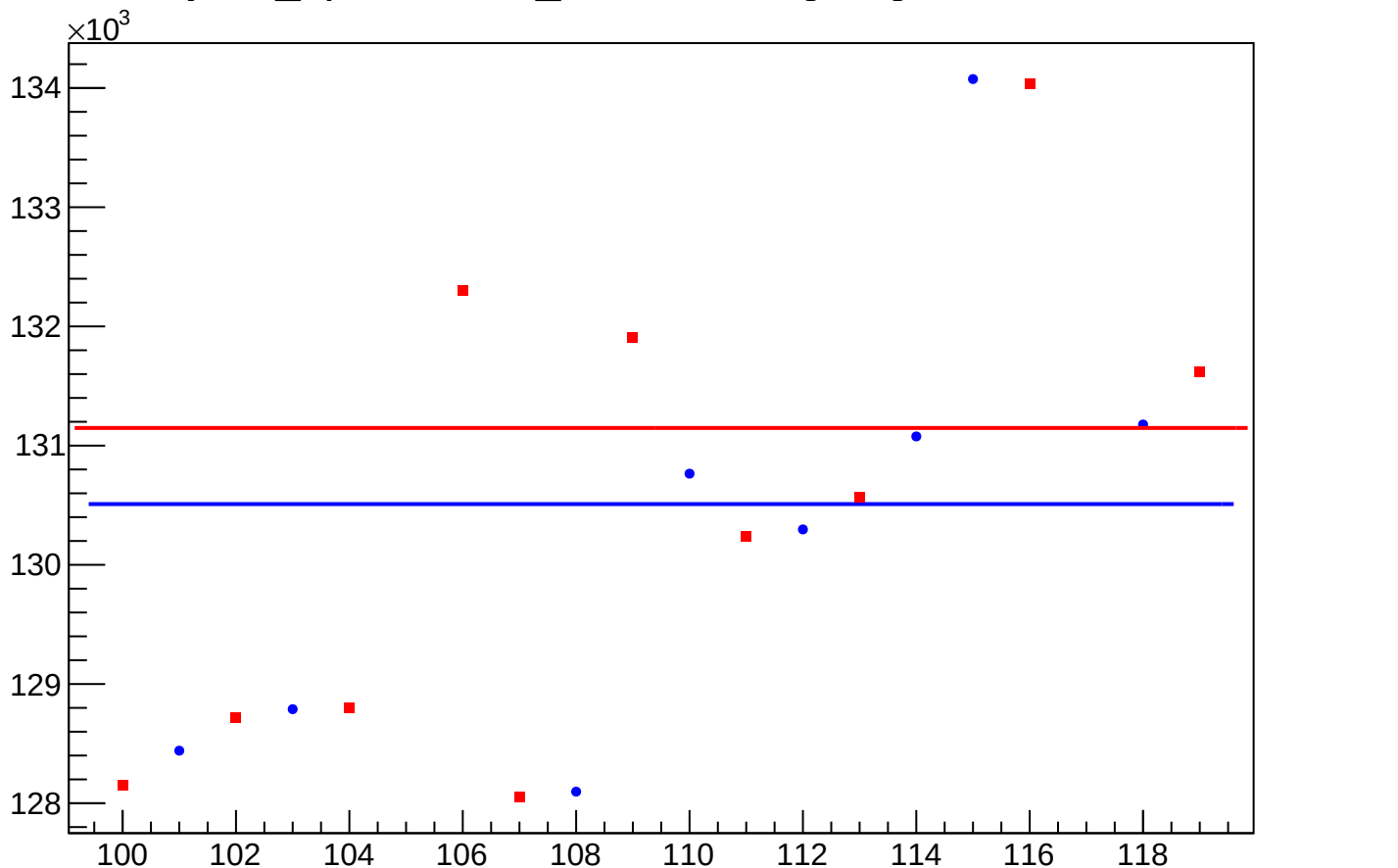
Right: 160.795+/-0.047 χ^2/NDF : 2060315.1/17

In: 171.929+/-0.075 χ^2/NDF : 884122.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

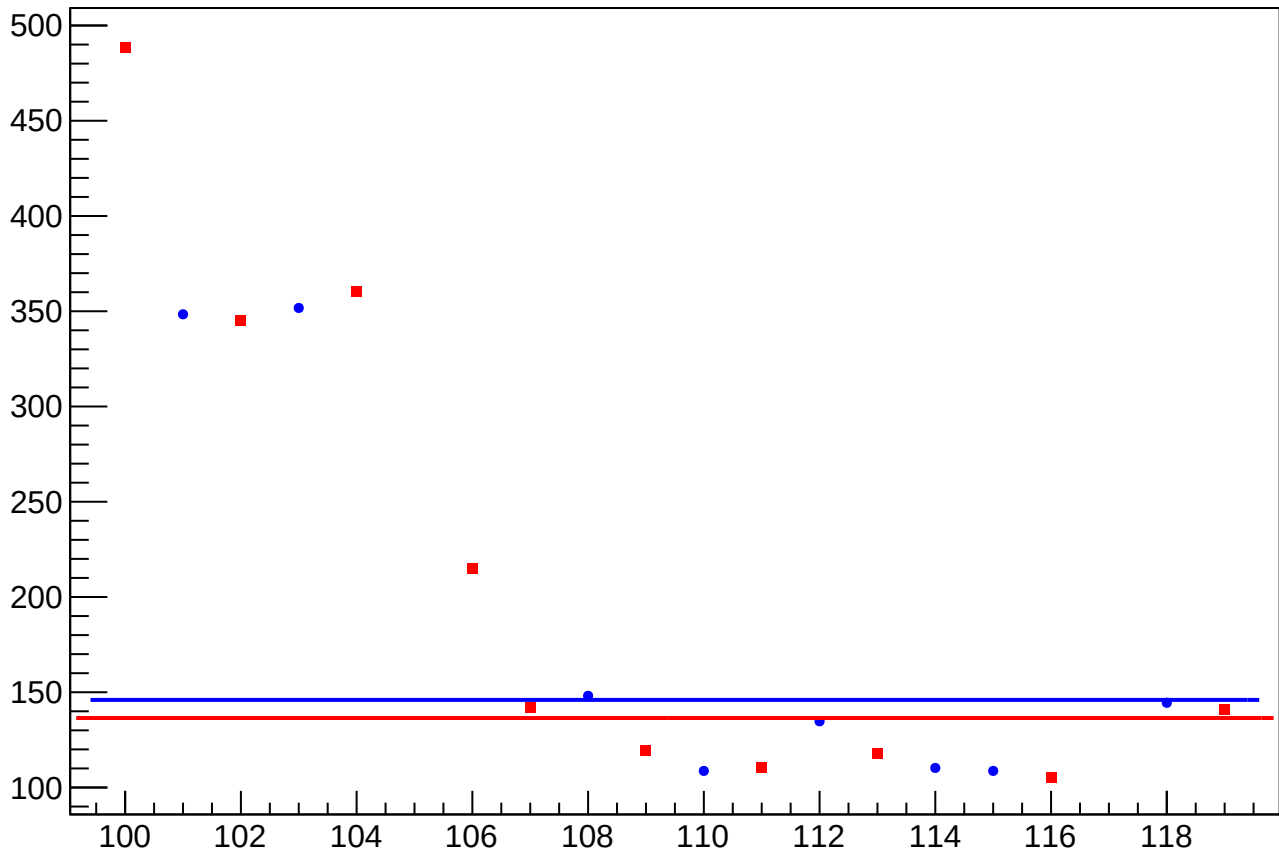
All: 160.795+/-0.047 χ^2/NDF : 2060315.1/17

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 130509.562+/-0.089 χ^2 /NDF: 294289726.9/7
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 130885.322+/-0.057 χ^2 /NDF: 755293485.2/1
 In: 130509.562+/-0.089 χ^2 /NDF: 294289726.9/7
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 130885.322+/-0.057 χ^2 /NDF: 755293485.2/1

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 145.981+/-0.063 χ^2/NDF : 998125.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.478+/-0.053 χ^2/NDF : 1157092.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

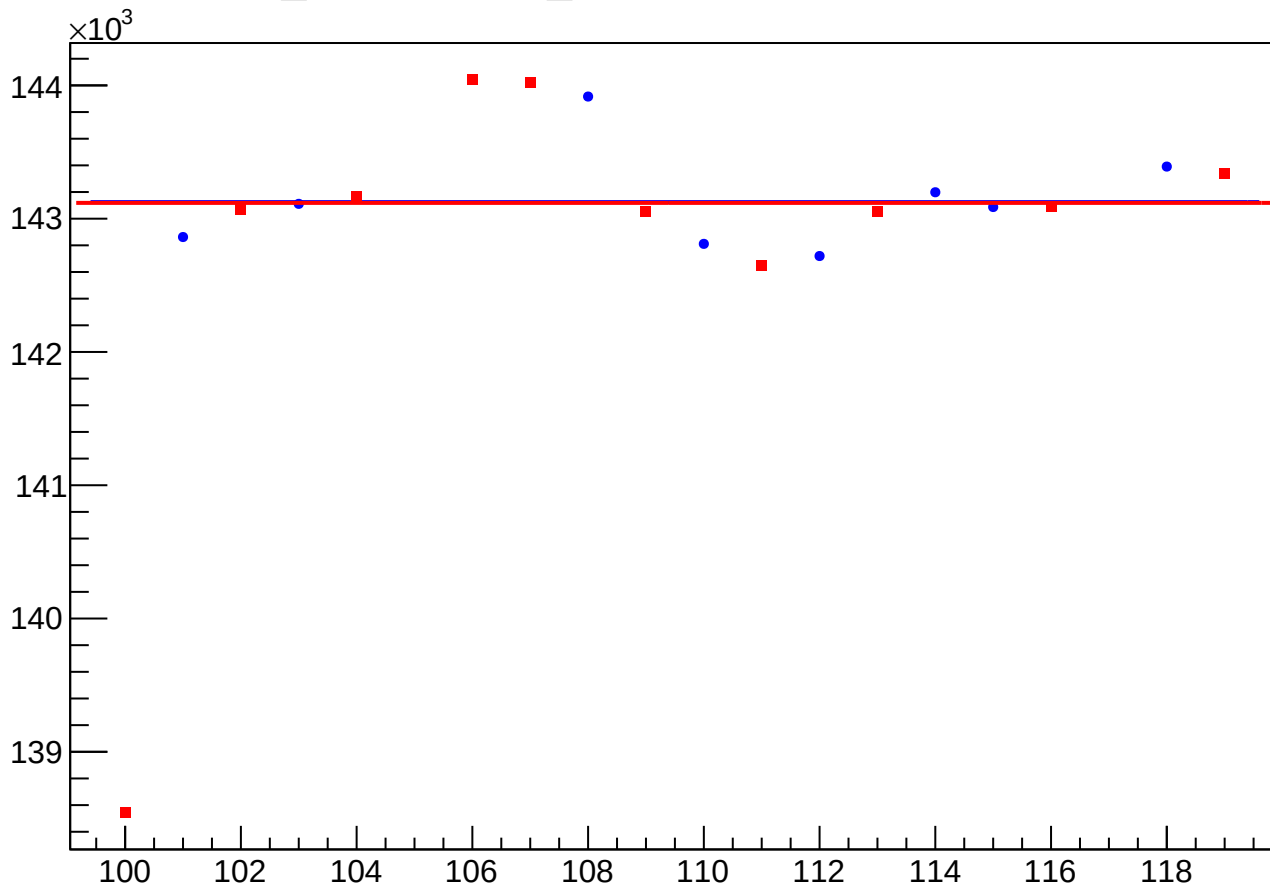
Right: 140.389+/-0.040 χ^2/NDF : 2168592.5/17

In: 145.981+/-0.063 χ^2/NDF : 998125.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.389+/-0.040 χ^2/NDF : 2168592.5/17

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143124.416+/-0.096 χ^2 /NDF: 17147343.1/7

Right: 143120.922+/-0.061 χ^2 /NDF: 43344181.6/17

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143118.534+/-0.079 χ^2 /NDF: 26194613.2/9

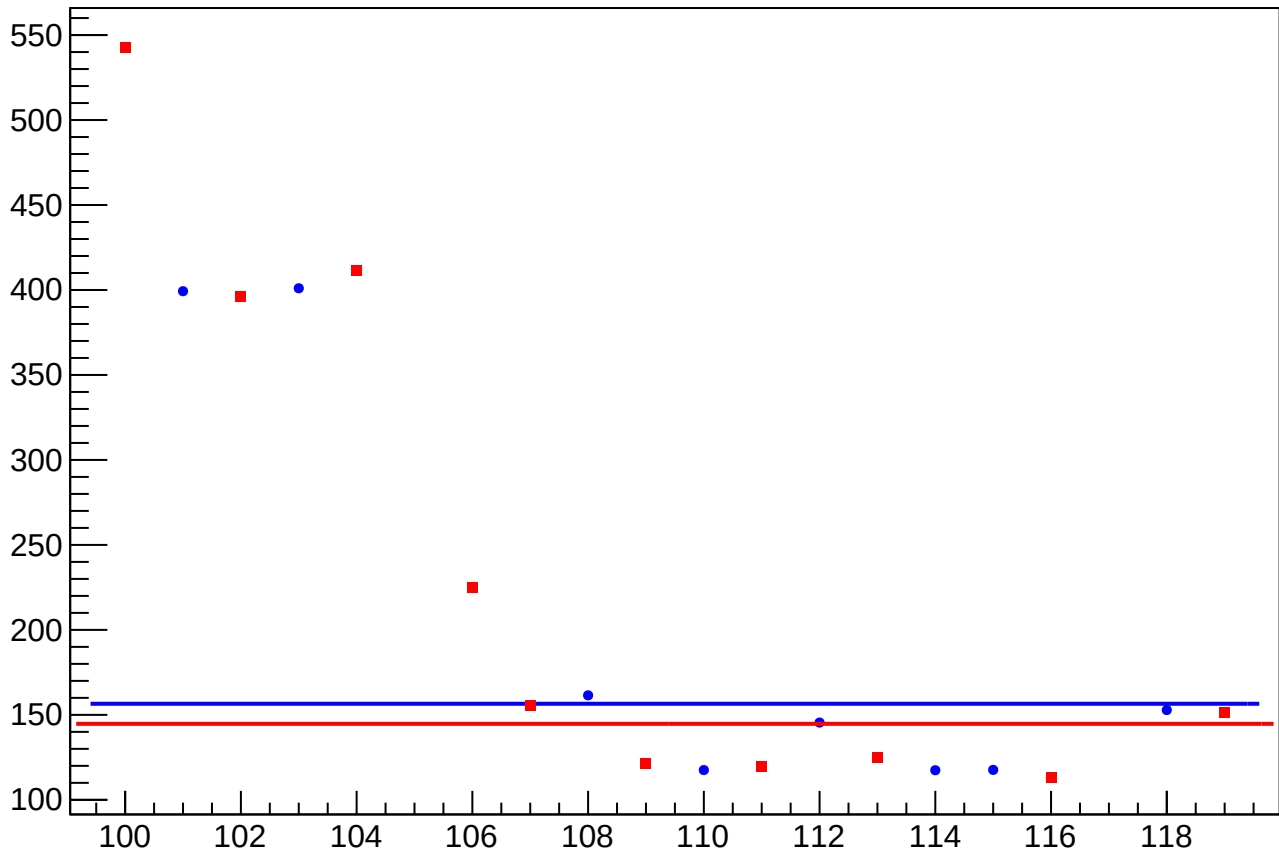
In: 143124.416+/-0.096 χ^2 /NDF: 17147343.1/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143120.922+/-0.061 χ^2 /NDF: 43344181.6/17

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 156.530 $\pm$ 0.068 χ^2 /NDF: 1071616.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.726 $\pm$ 0.056 χ^2 /NDF: 1246996.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

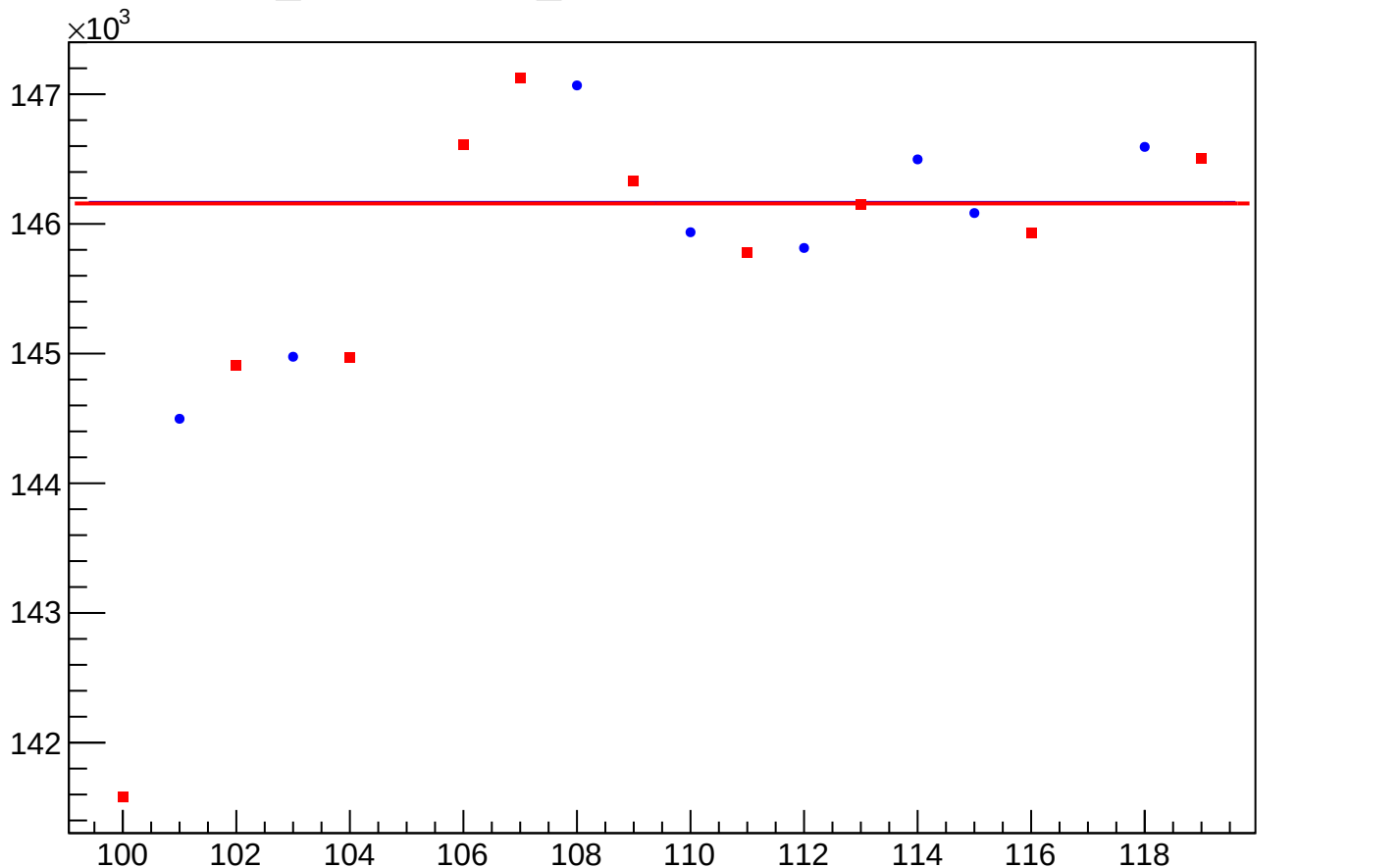
Right: 149.519 $\pm$ 0.043 χ^2 /NDF: 2336542.8/17

In: 156.530 $\pm$ 0.068 χ^2 /NDF:1071616.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

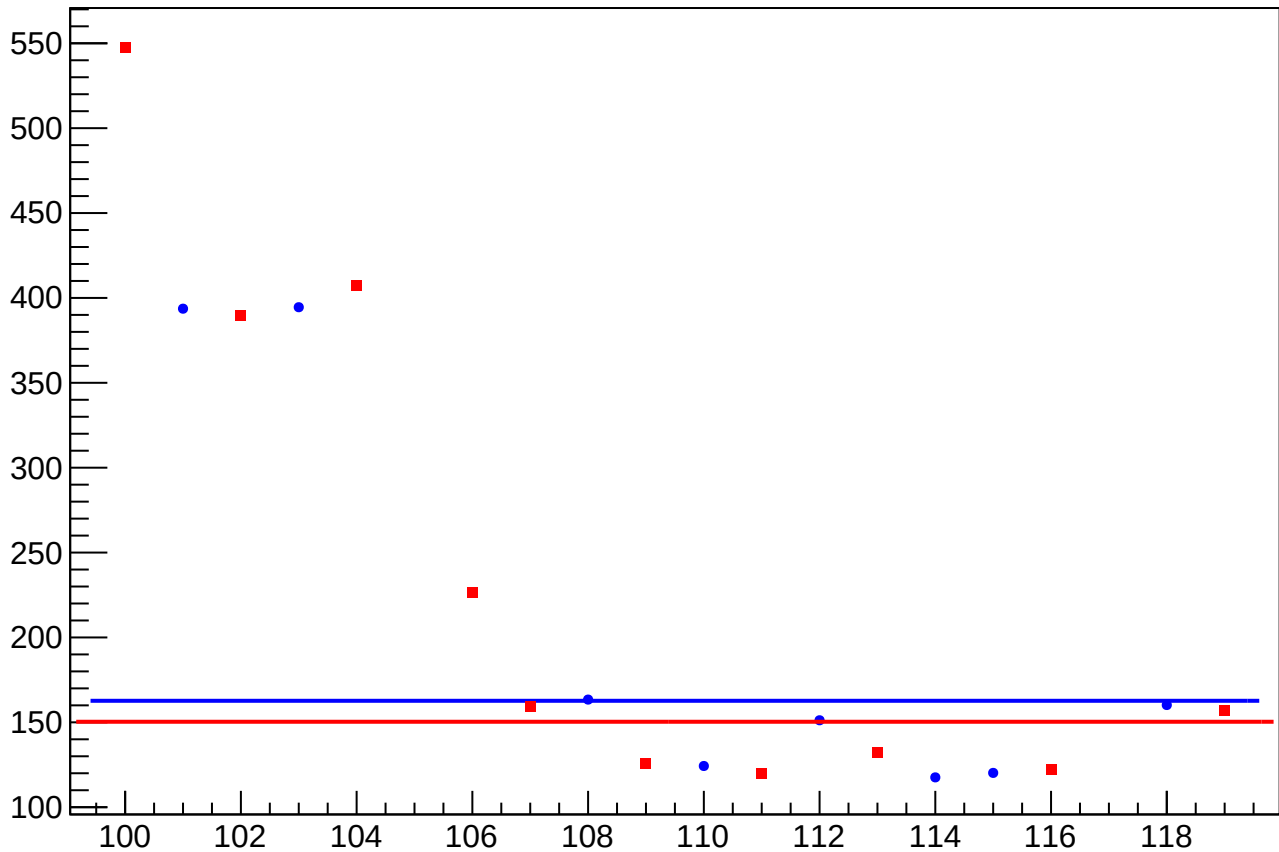
All: 149.519 $\pm$ 0.043 χ^2 /NDF: 2336542.8/17

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 146159.395+/-0.063 χ^2/NDF : 72205707.2/17
 Right In: 146162.034+/-0.099 χ^2/NDF : 37208676.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 In: 146162.034+/-0.099 χ^2/NDF : 37208676.4/7
 Right Out: 146157.595+/-0.082 χ^2/NDF : 34995844.0/9
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 146159.395+/-0.063 χ^2/NDF : 72205707.2/17

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 162.687 $\pm$ 0.070 χ^2 /NDF: 1006564.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 150.339 $\pm$ 0.058 χ^2 /NDF: 1183429.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

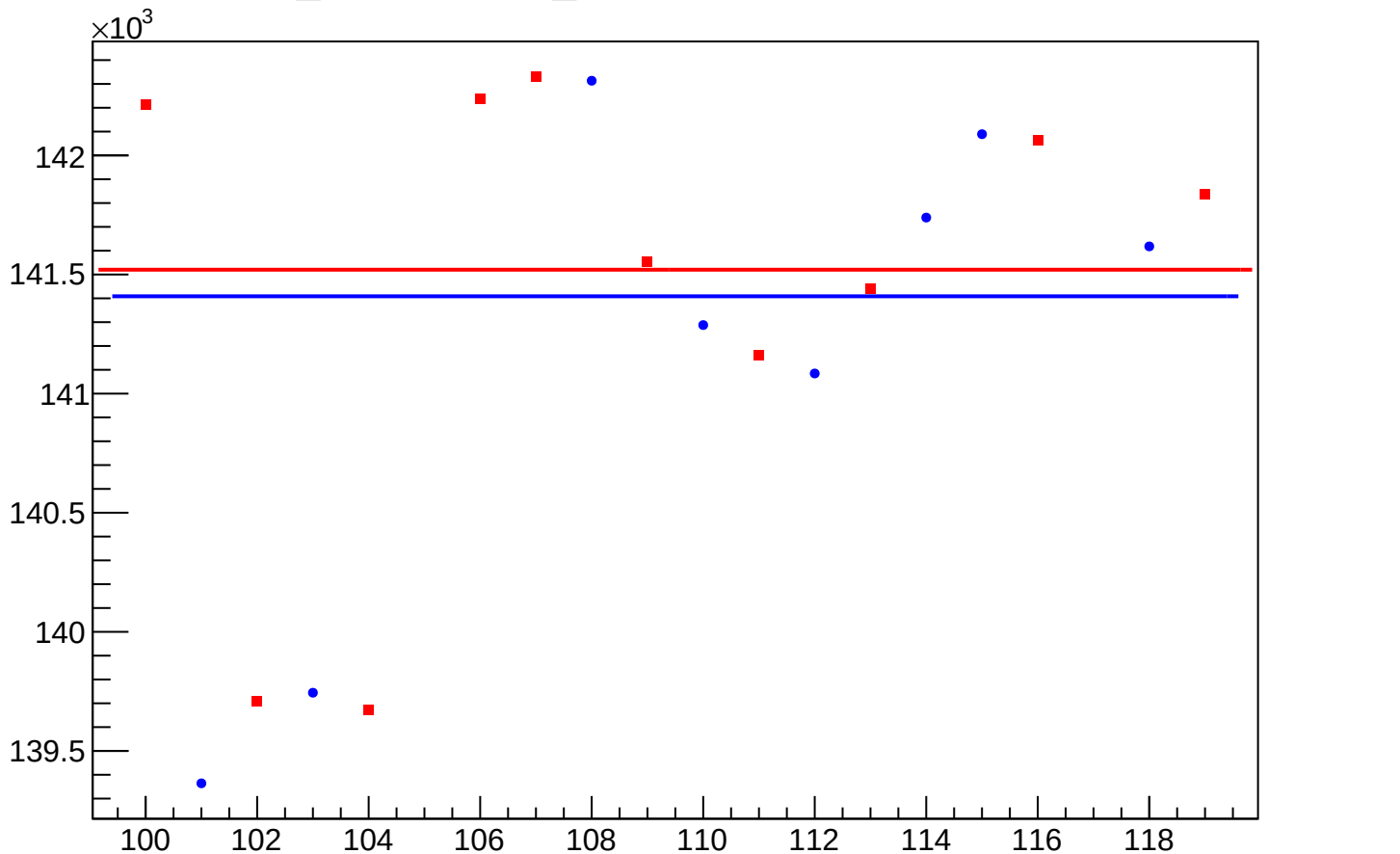
Right: 155.345 $\pm$ 0.045 χ^2 /NDF: 2208365.7/17

In: 162.687 $\pm$ 0.070 χ^2 /NDF:1006564.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

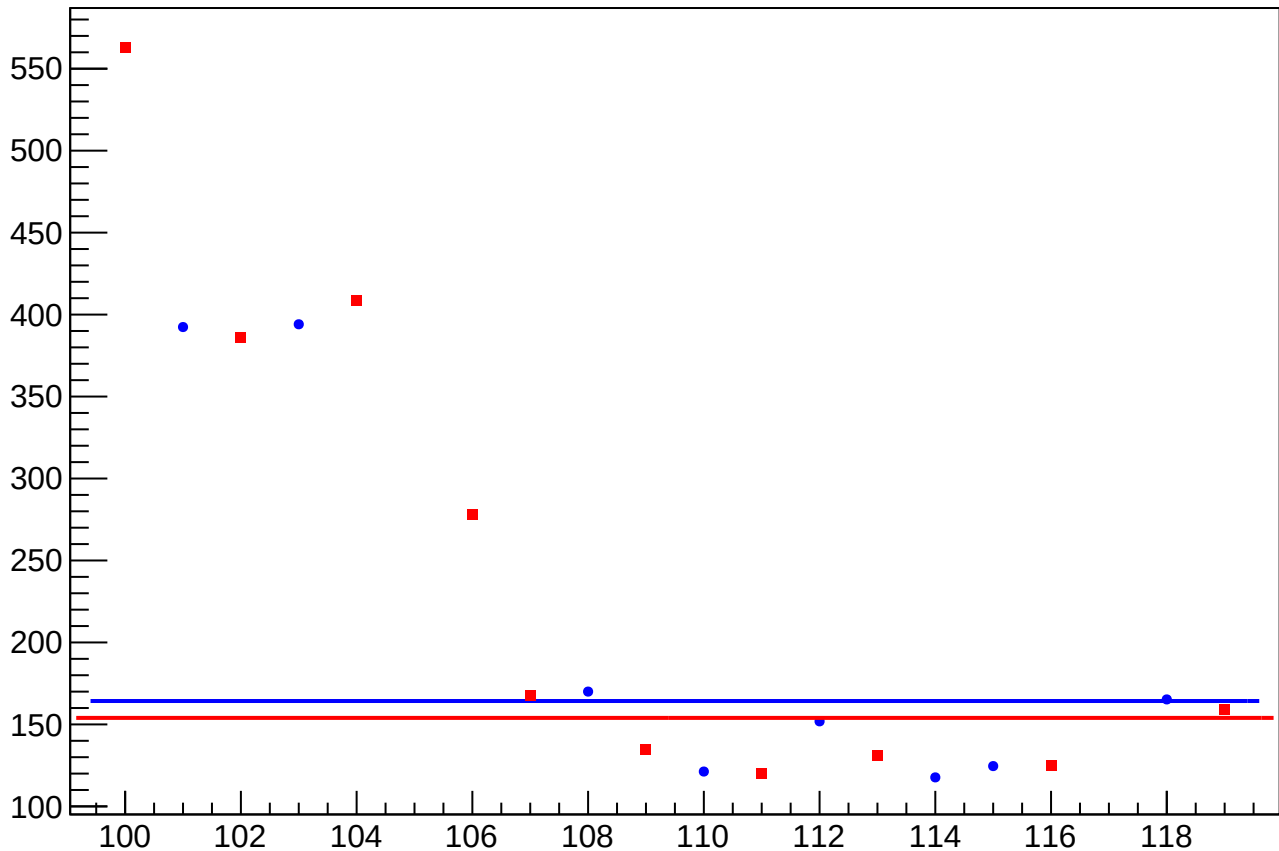
All: 155.345 $\pm$ 0.045 χ^2 /NDF: 2208365.7/17

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141408.574 $\pm$ 0.100 χ^2 /NDF: 47448887.0/7
 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: 141474.055 $\pm$ 0.065 χ^2 /NDF: 91493296.8/17
 Right Out: 141520.162 $\pm$ 0.084 χ^2 /NDF: 43319879.9/9
 In: 141408.574 $\pm$ 0.100 χ^2 /NDF: 47448887.0/7
 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: 141474.055 $\pm$ 0.065 χ^2 /NDF: 91493296.8/17

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 164.277+/-0.071 χ^2/NDF : 1009673.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.976+/-0.060 χ^2/NDF : 1209246.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

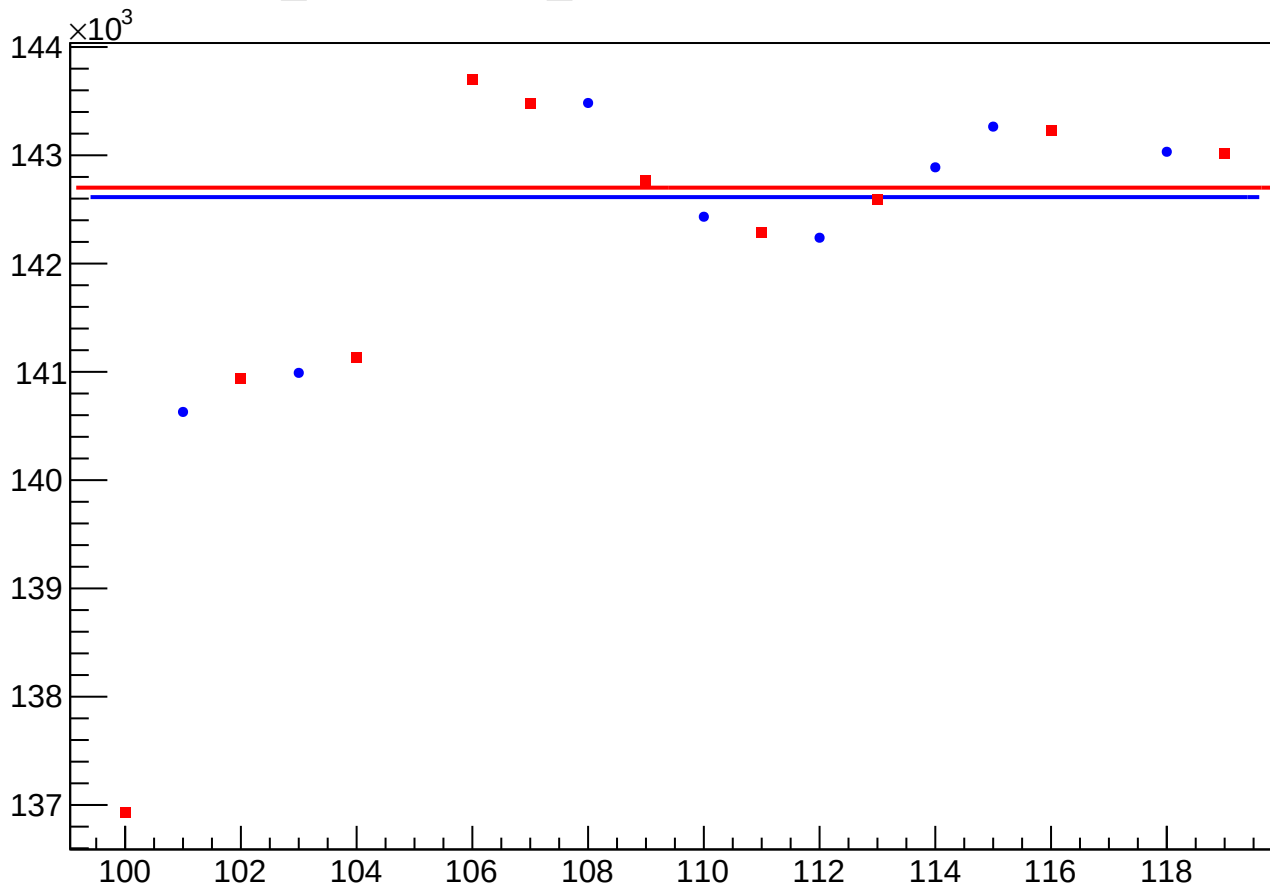
Right: 158.232+/-0.046 χ^2/NDF : 2231268.1/17

In: 164.277+/-0.071 χ^2/NDF : 1009673.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.232+/-0.046 χ^2/NDF : 2231268.1/17

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142613.831+/-0.102 χ^2 /NDF: 47510657.0/7

Right: 142666.007+/-0.065 χ^2 /NDF: 99798776.1/17

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142701.174+/-0.084 χ^2 /NDF: 51848182.9/9

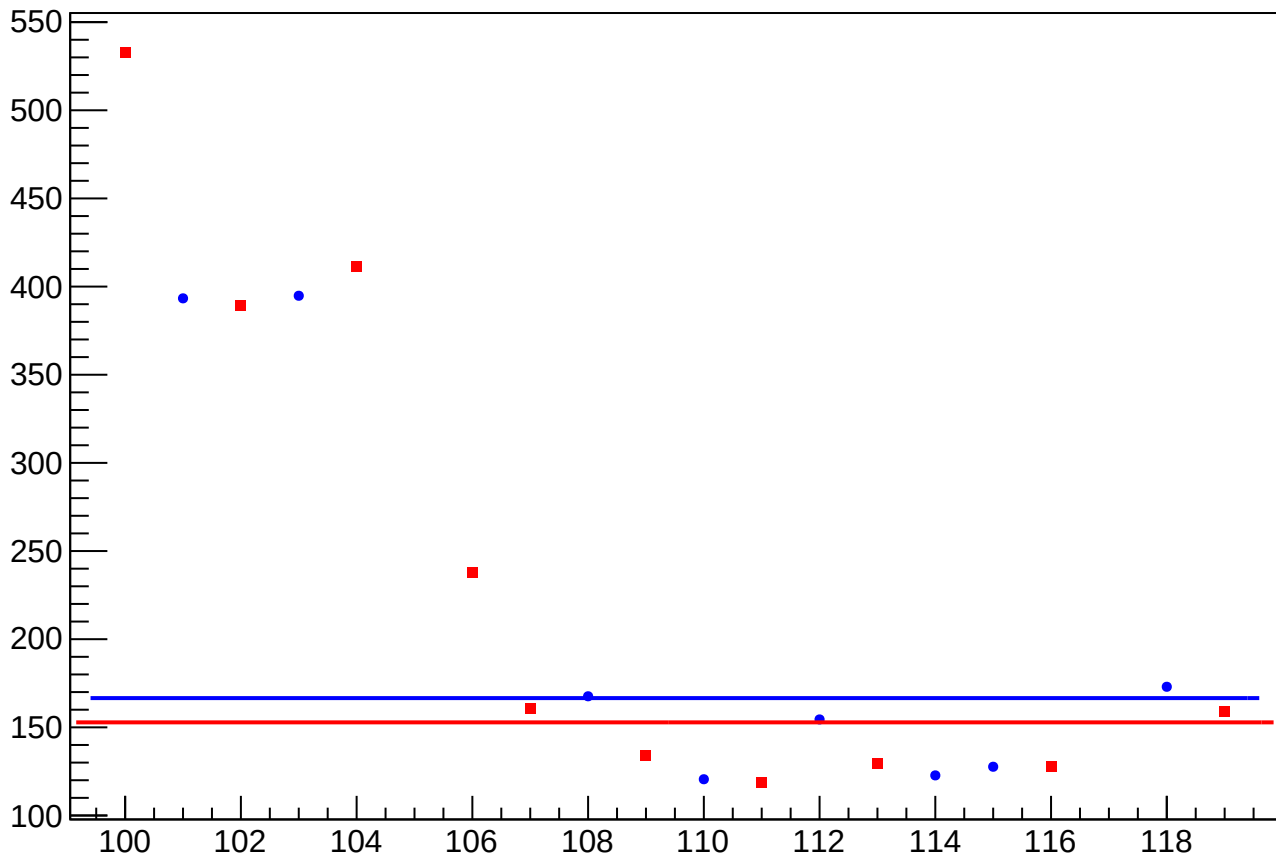
In: 142613.831+/-0.102 χ^2 /NDF: 47510657.0/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142666.007+/-0.065 χ^2 /NDF: 99798776.1/17

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 166.586+/-0.072 χ^2/NDF : 1001221.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.822+/-0.059 χ^2/NDF : 1169222.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

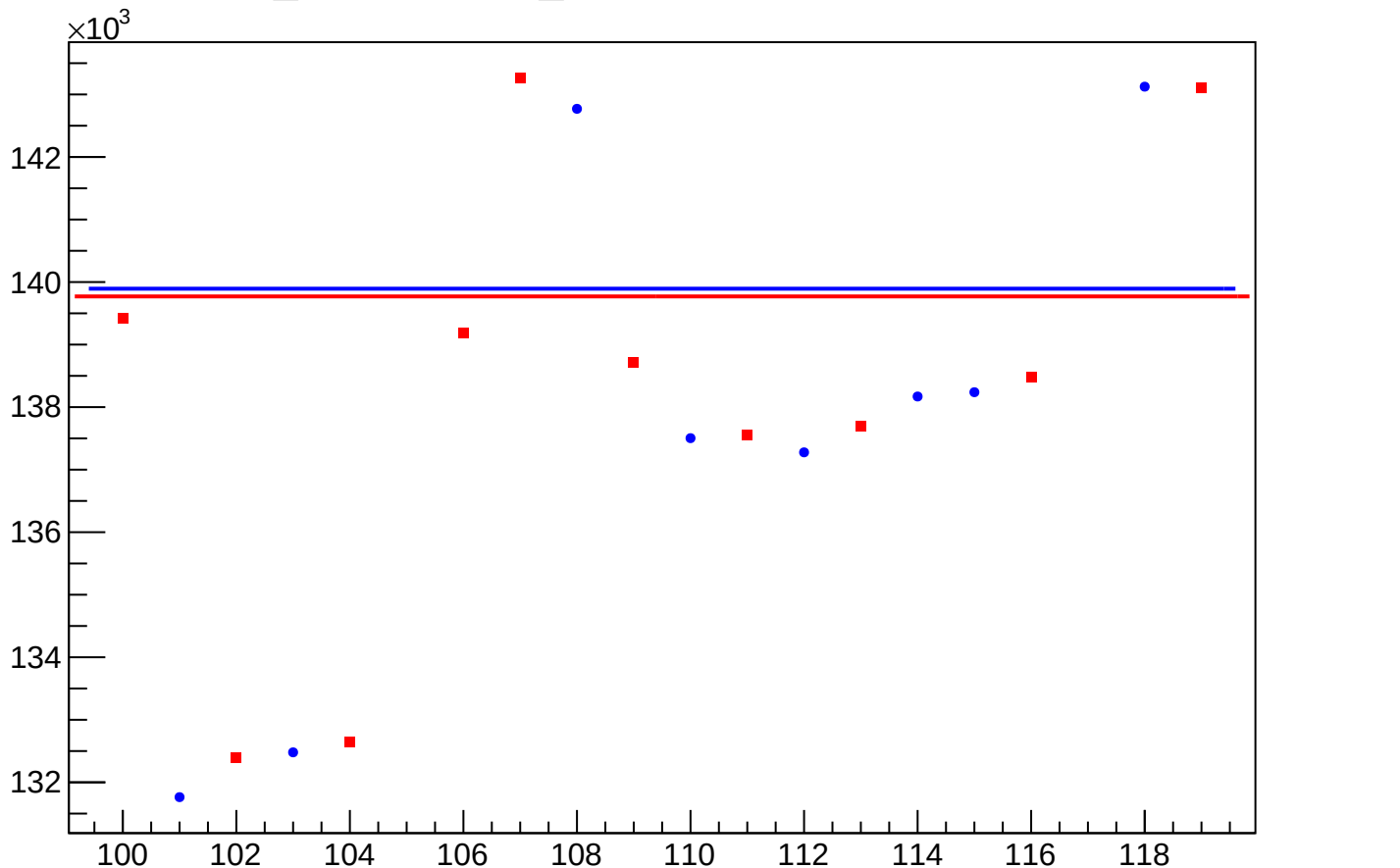
Right: 158.364+/-0.046 χ^2/NDF : 2192294.5/17

In: 166.586+/-0.072 χ^2/NDF : 1001221.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.364+/-0.046 χ^2/NDF : 2192294.5/17

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 139826.653+/-0.109 χ^2 /NDF: 1165189557.1

In: 139893.946+/-0.162 χ^2 /NDF: 612866098.6/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139826.653+/-0.109 χ^2 /NDF: 1165189557.1

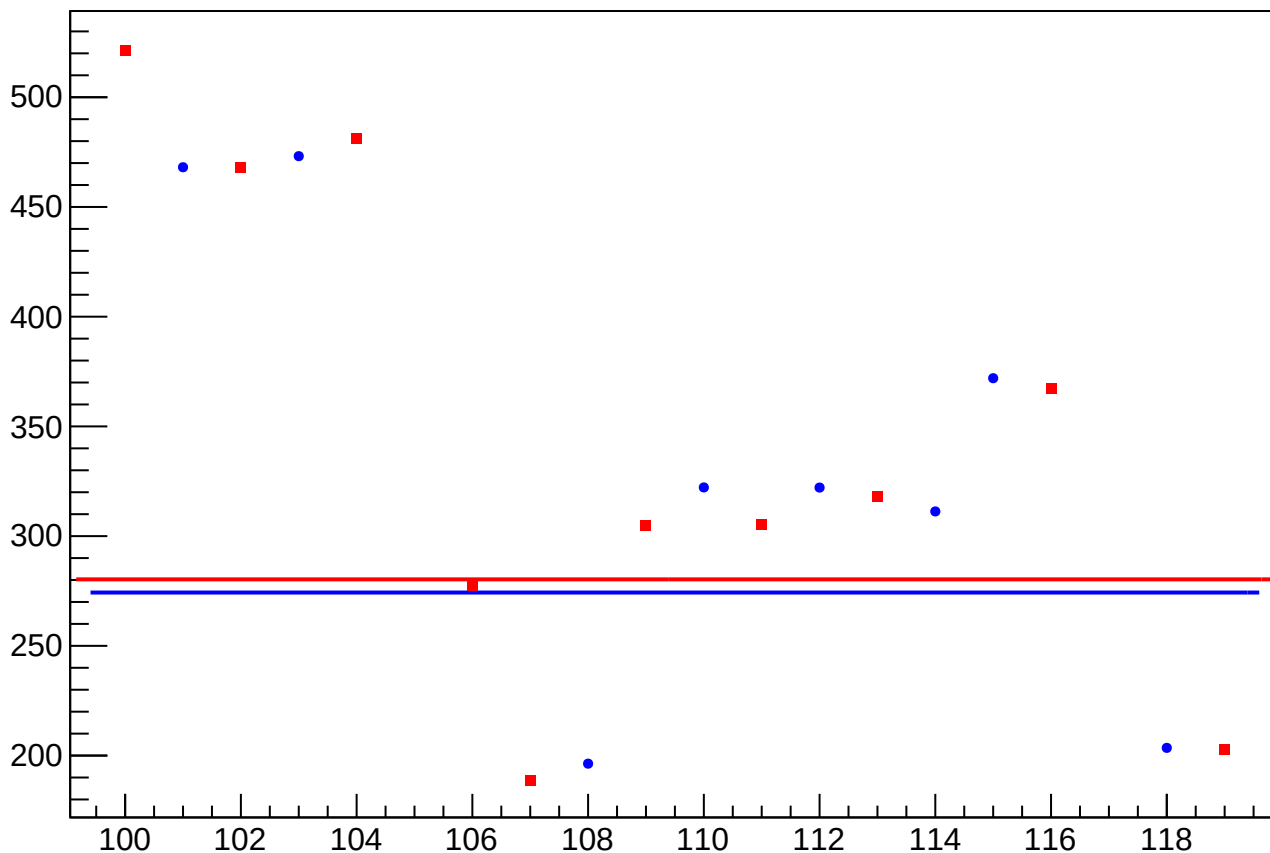
Right In: 139893.946+/-0.162 χ^2 /NDF: 612866098.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139770.354+/-0.148 χ^2 /NDF: 552006479.9/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 274.292+/-0.115 χ^2/NDF : 740193.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 280.299+/-0.105 χ^2/NDF : 735213.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

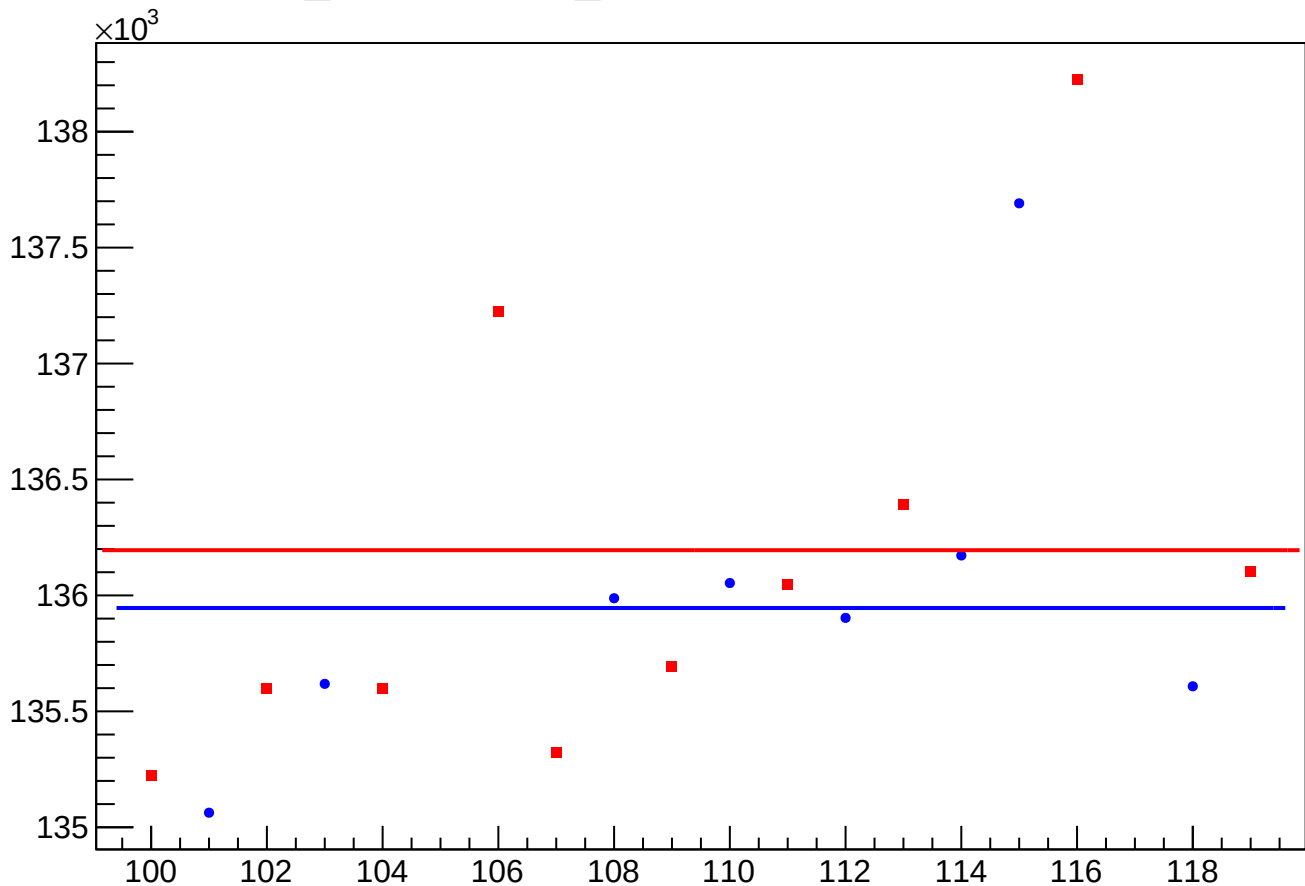
Right: 277.563+/-0.077 χ^2/NDF : 1476904.3/17

In: 274.292+/-0.115 χ^2/NDF : 740193.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

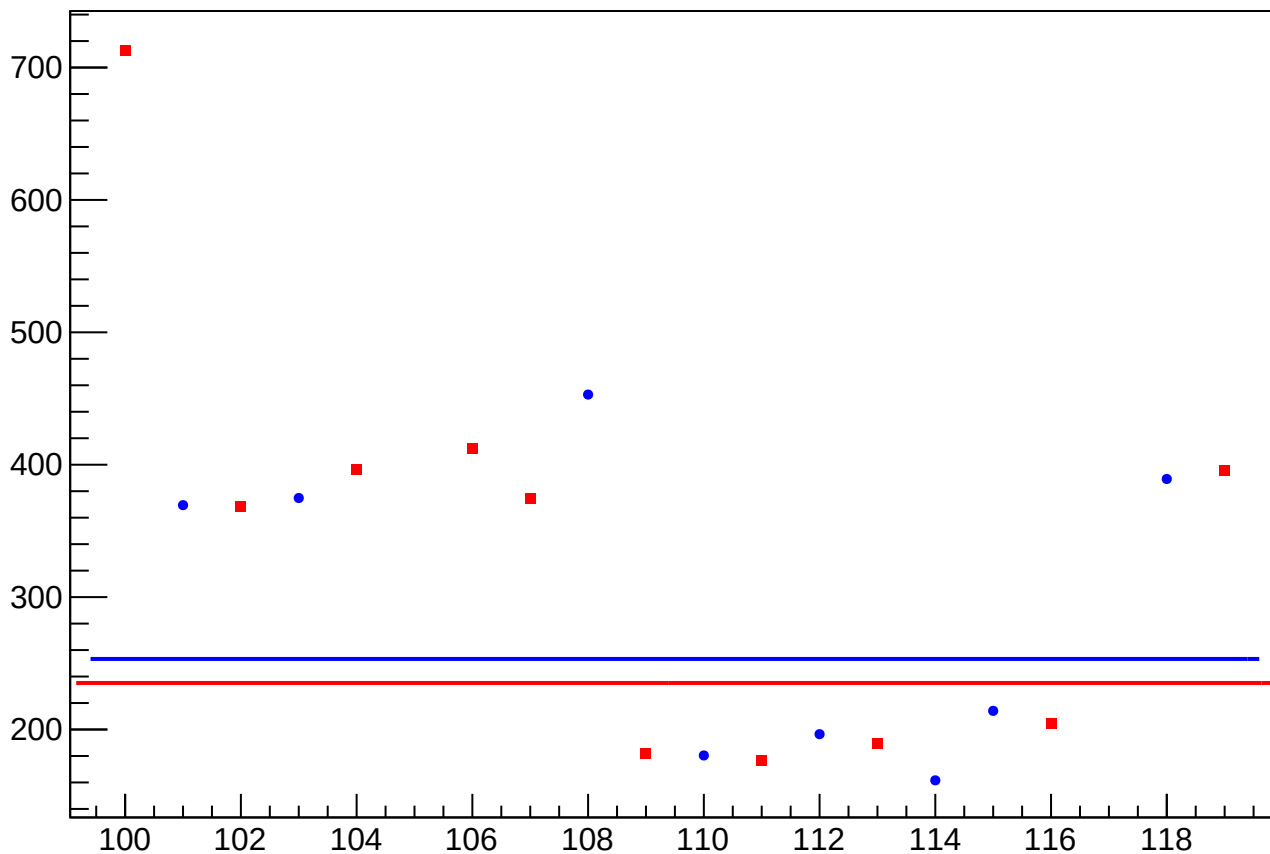
All: 277.563+/-0.077 χ^2/NDF : 1476904.3/17

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135945.777 $\pm$ 0.151 χ^2 /NDF: 13864714.3/7
 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: 136091.681 $\pm$ 0.097 χ^2 /NDF: 50202352.3/17
 Right Out: 136195.032 $\pm$ 0.127 χ^2 /NDF: 34749257.8/9
 In: 135945.777 $\pm$ 0.151 χ^2 /NDF: 13864714.3/7
 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: 136091.681 $\pm$ 0.097 χ^2 /NDF: 50202352.3/17

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 253.292+/-0.107 χ^2/NDF : 803466.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.139+/-0.090 χ^2/NDF : 996997.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

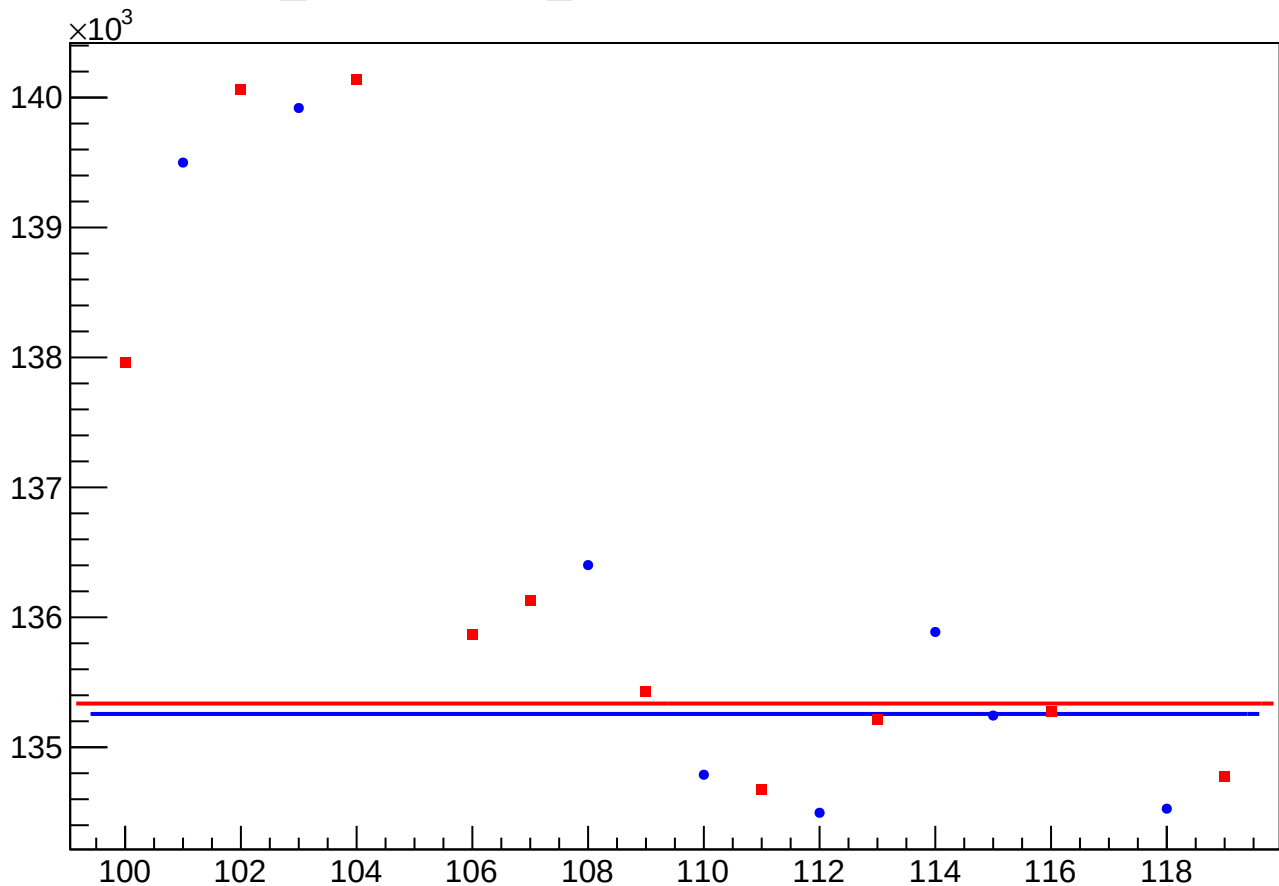
Right: 242.666+/-0.069 χ^2/NDF : 1817313.6/17

In: 253.292+/-0.107 χ^2/NDF : 803466.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.666+/-0.069 χ^2/NDF : 1817313.6/17

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135256.393+/-0.077 χ^2 /NDF: 264572584.8/7

Right: 135301.946+/-0.050 χ^2 /NDF: 485177426.5/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135336.466+/-0.067 χ^2 /NDF: 219984591.7/9

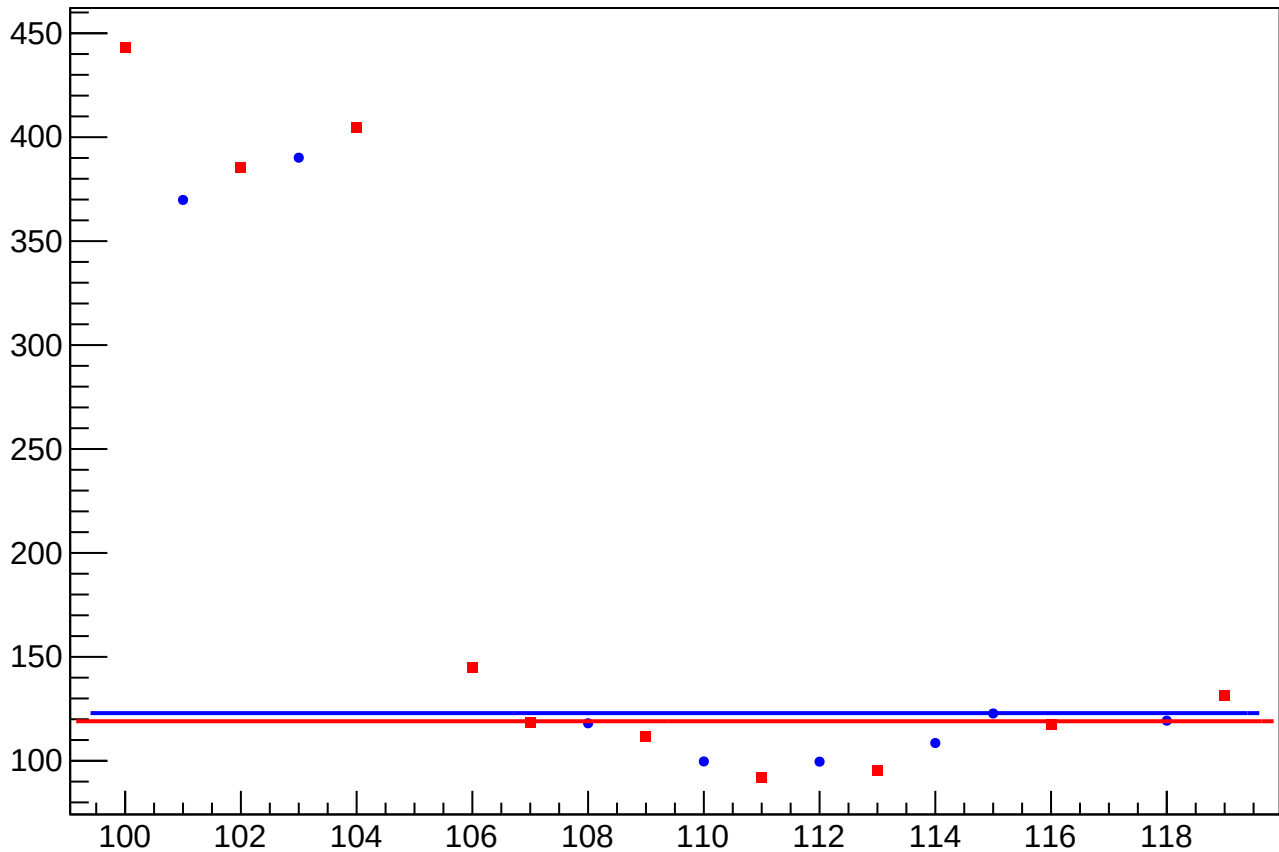
In: 135256.393+/-0.077 χ^2 /NDF: 264572584.8/7

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135301.946+/-0.050 χ^2 /NDF: 485177426.5/1

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 122.949+/-0.054 χ^2/NDF : 1241767.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.036+/-0.047 χ^2/NDF : 1368754.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

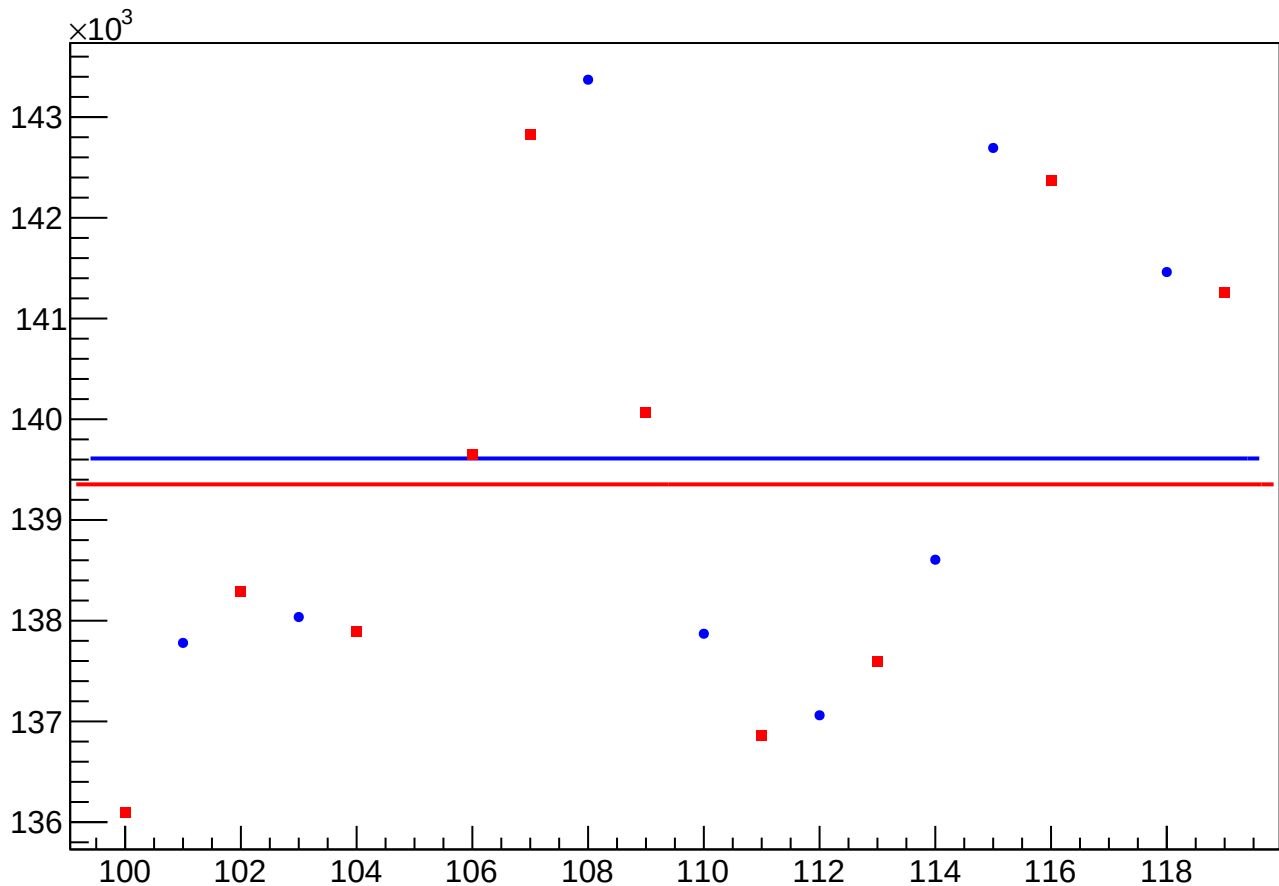
Right: 120.723+/-0.036 χ^2/NDF : 2613483.6/17

In: 122.949+/-0.054 χ^2/NDF : 1241767.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.723+/-0.036 χ^2/NDF : 2613483.6/17

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139610.614+/-0.092 χ^2 /NDF: 642410481.7/7

Right: 139462.096+/-0.060 χ^2 /NDF: 1336631467.8/9

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 139353.373+/-0.079 χ^2 /NDF: 689735701.1/9

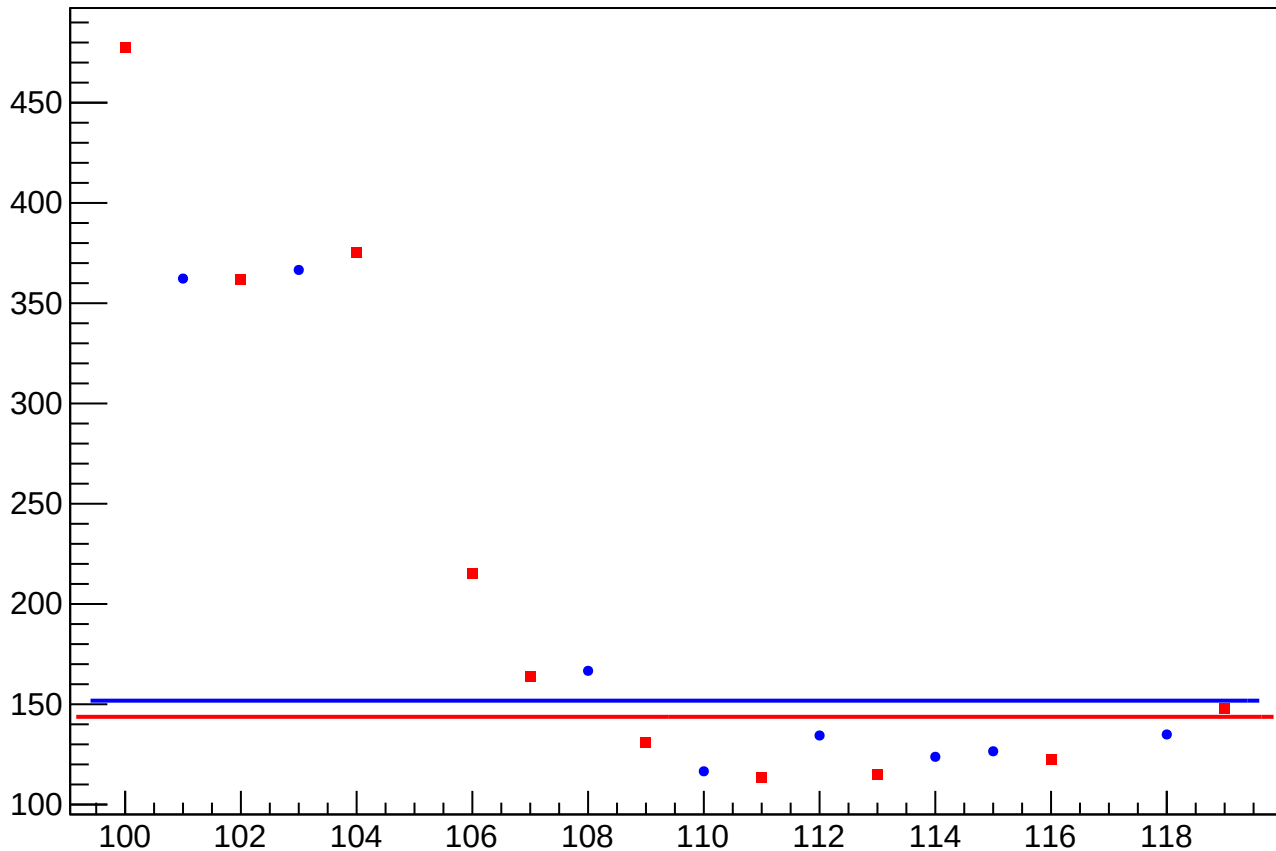
In: 139610.614+/-0.092 χ^2 /NDF: 642410481.7/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139462.096+/-0.060 χ^2 /NDF: 1336631467.8/9

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 151.796 $\pm$ 0.065 χ^2 /NDF: 979986.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.741 $\pm$ 0.056 χ^2 /NDF: 1136019.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

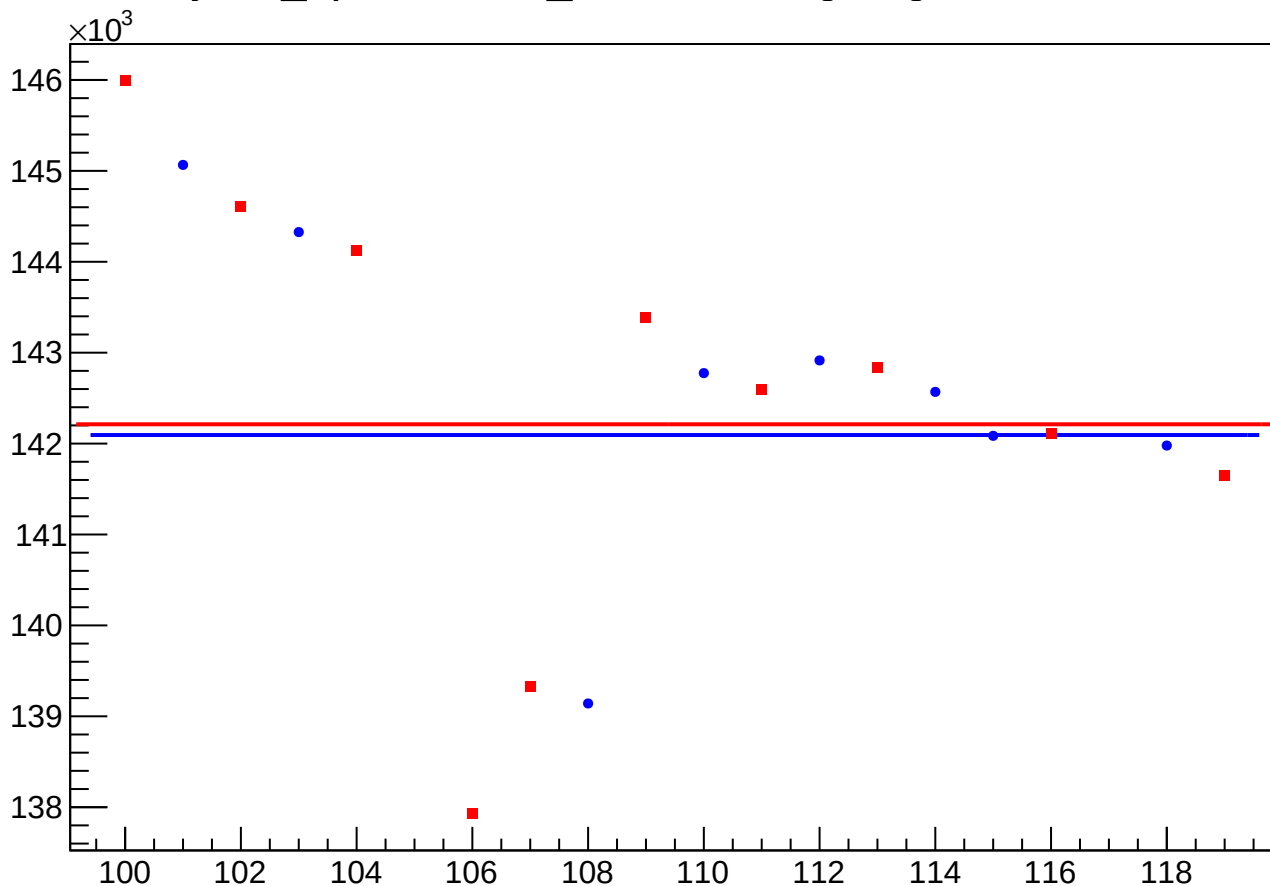
Right: 147.145 $\pm$ 0.042 χ^2 /NDF: 2124801.0/17

In: 151.796 $\pm$ 0.065 χ^2 /NDF:979986.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.145 $\pm$ 0.042 χ^2 /NDF: 2124801.0/17

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142094.508+/-0.102 χ^2 /NDF: 246182356.9/7

Right: 142165.028+/-0.065 χ^2 /NDF: 565904134.3/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142212.248+/-0.083 χ^2 /NDF: 318923676.3/9

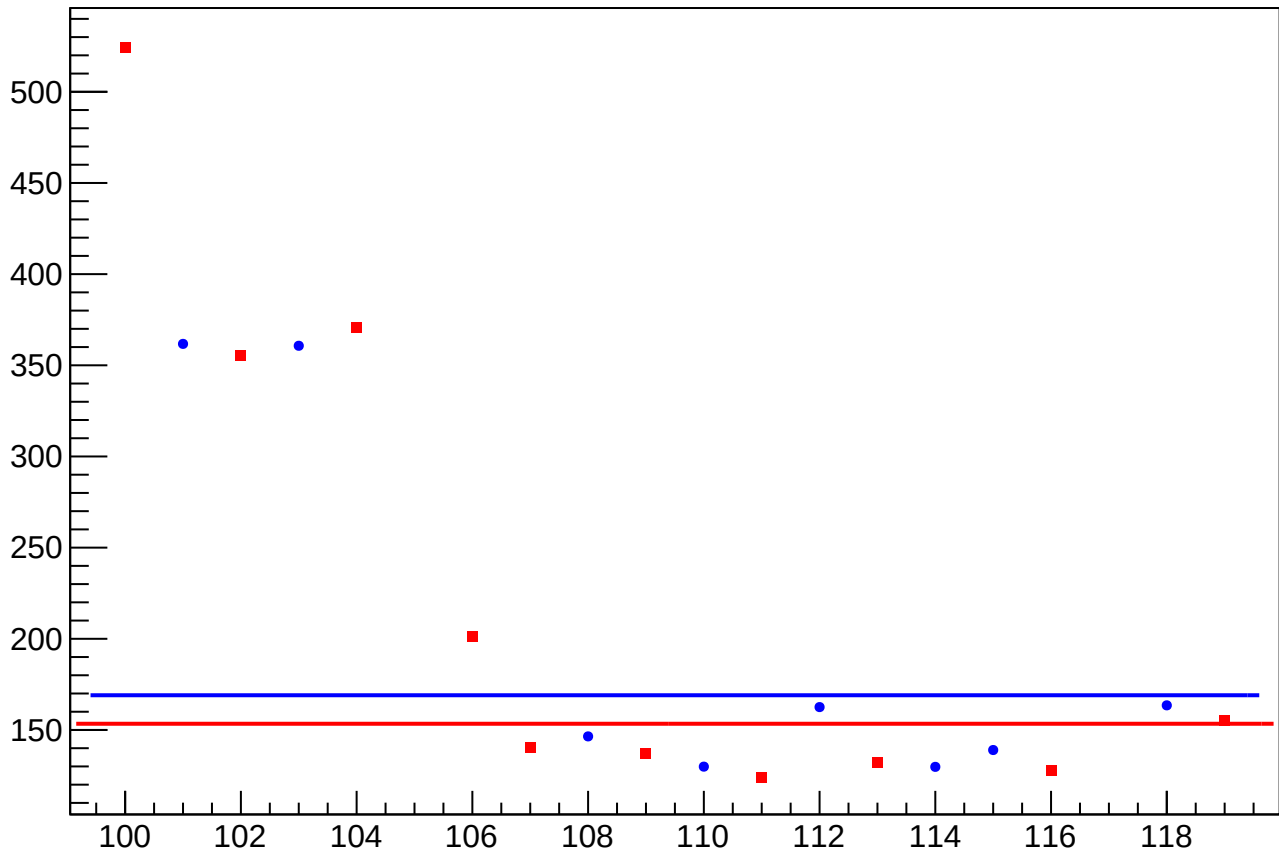
In: 142094.508+/-0.102 χ^2 /NDF: 246182356.9/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142165.028+/-0.065 χ^2 /NDF: 565904134.3/1

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 169.042 $\pm$ 0.072 χ^2 /NDF: 827836.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.406 $\pm$ 0.059 χ^2 /NDF: 982673.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

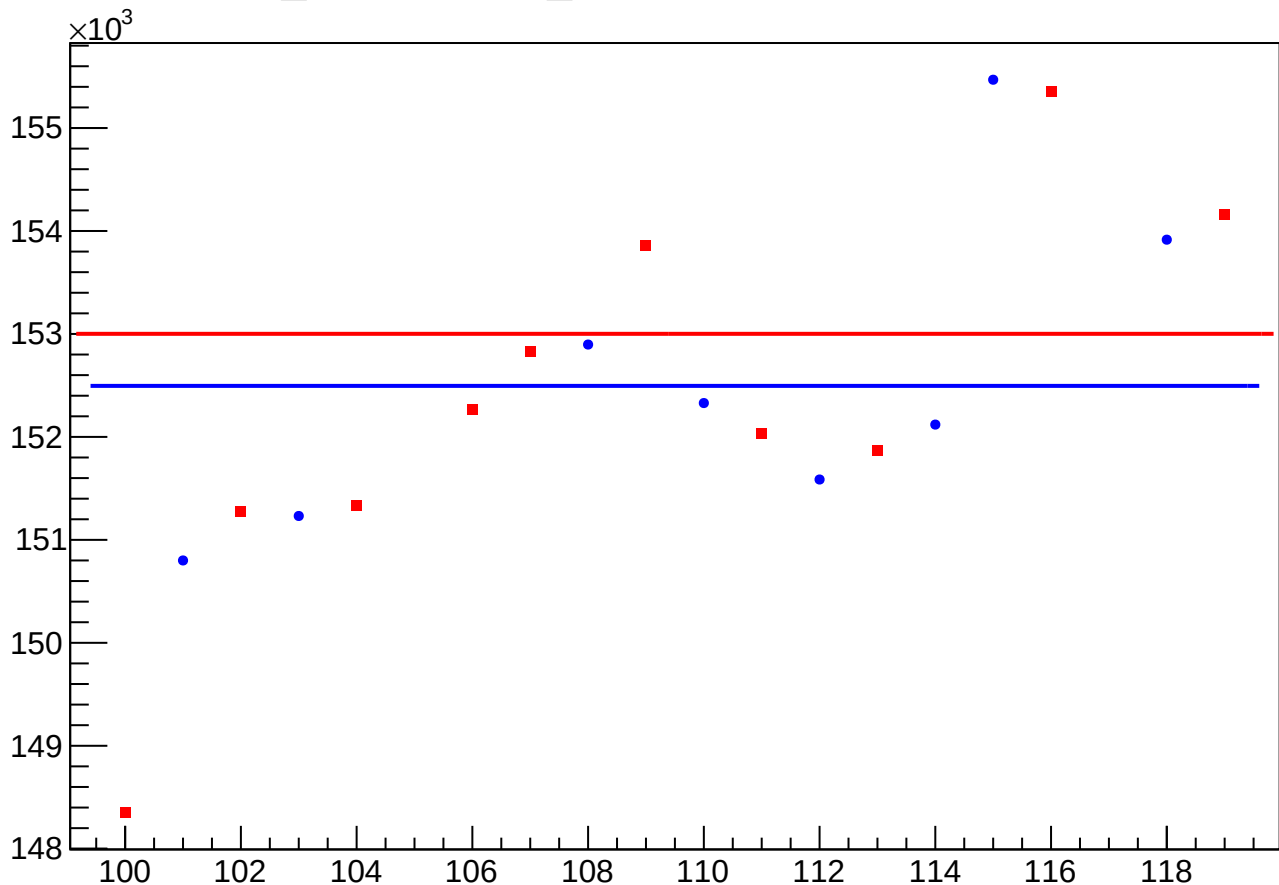
Right: 159.677 $\pm$ 0.046 χ^2 /NDF: 1838660.7/17

In: 169.042 $\pm$ 0.072 χ^2 /NDF:827836.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.677 $\pm$ 0.046 χ^2 /NDF: 1838660.7/17

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 152495.606+/-0.118 χ^2 /NDF: 84447572.1/7

Right: 152807.010+/-0.073 χ^2 /NDF: 264316706.1/1

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 153001.190+/-0.094 χ^2 /NDF: 168651054.5/9

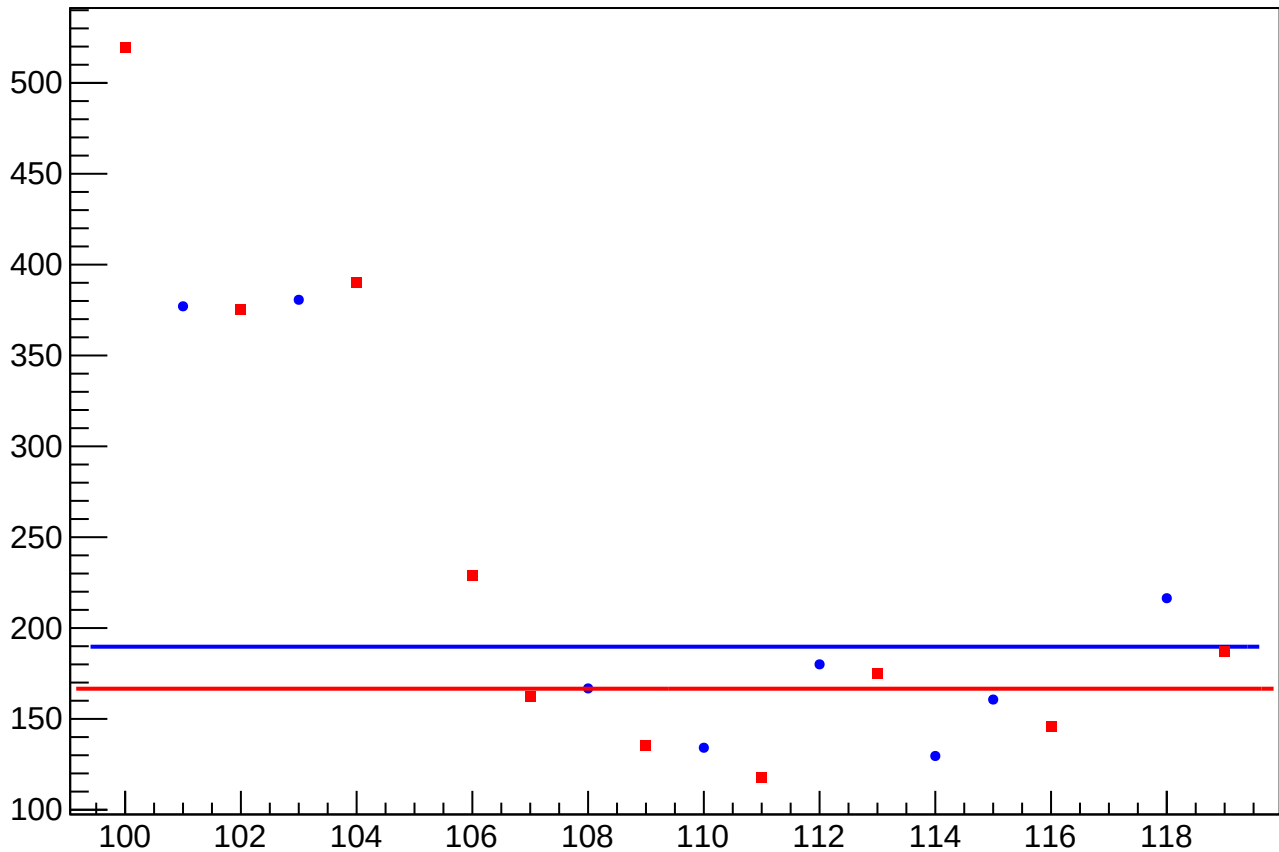
In: 152495.606+/-0.118 χ^2 /NDF: 84447572.1/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152807.010+/-0.073 χ^2 /NDF: 264316706.1/1

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 189.738+/-0.084 χ^2/NDF : 817875.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.621+/-0.066 χ^2/NDF : 1062022.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

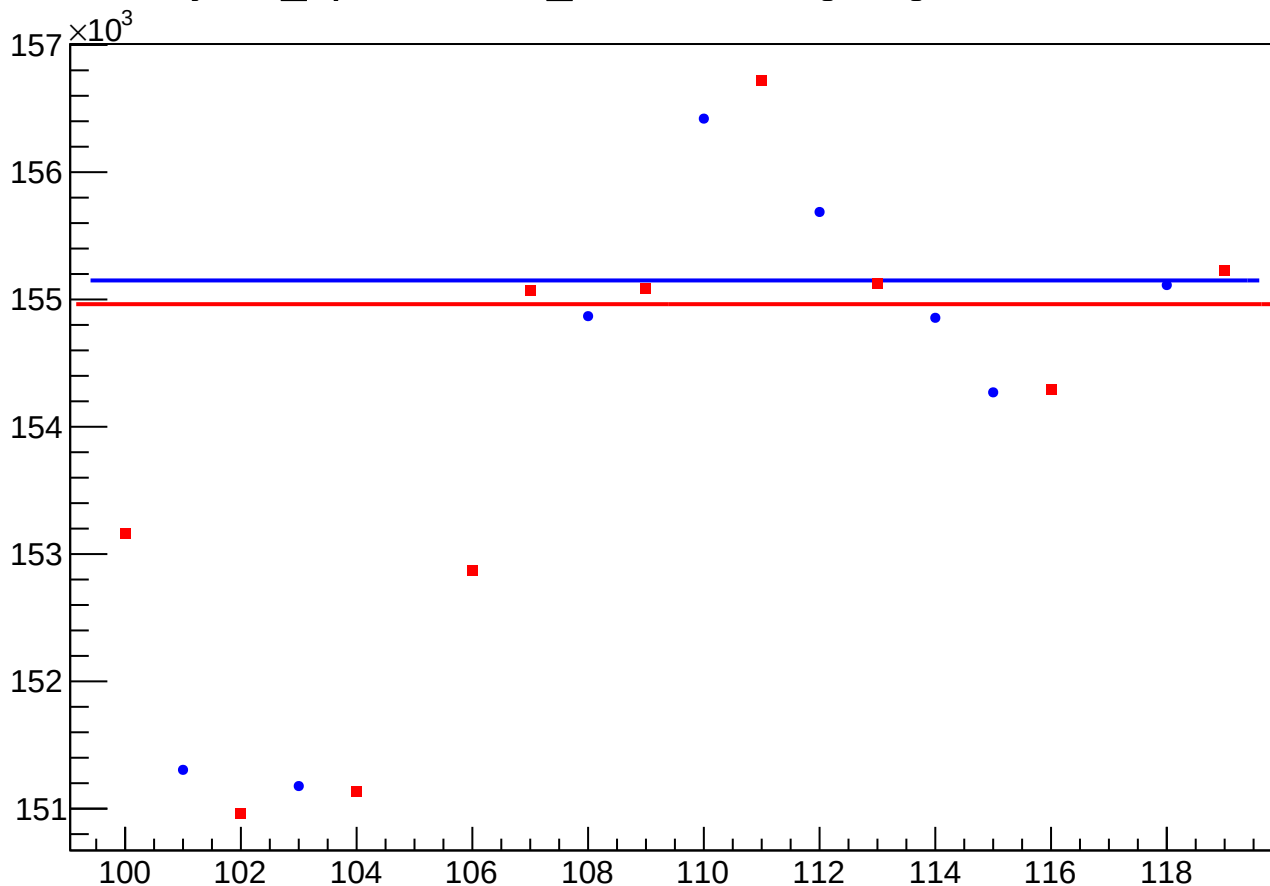
Right: 175.500+/-0.052 χ^2/NDF : 1926804.4/17

In: 189.738+/-0.084 χ^2/NDF : 817875.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.500+/-0.052 χ^2/NDF : 1926804.4/17

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 155149.457+/-0.094 χ^2 /NDF: 174268831.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 155040.840+/-0.061 χ^2 /NDF: 441636933.0/1

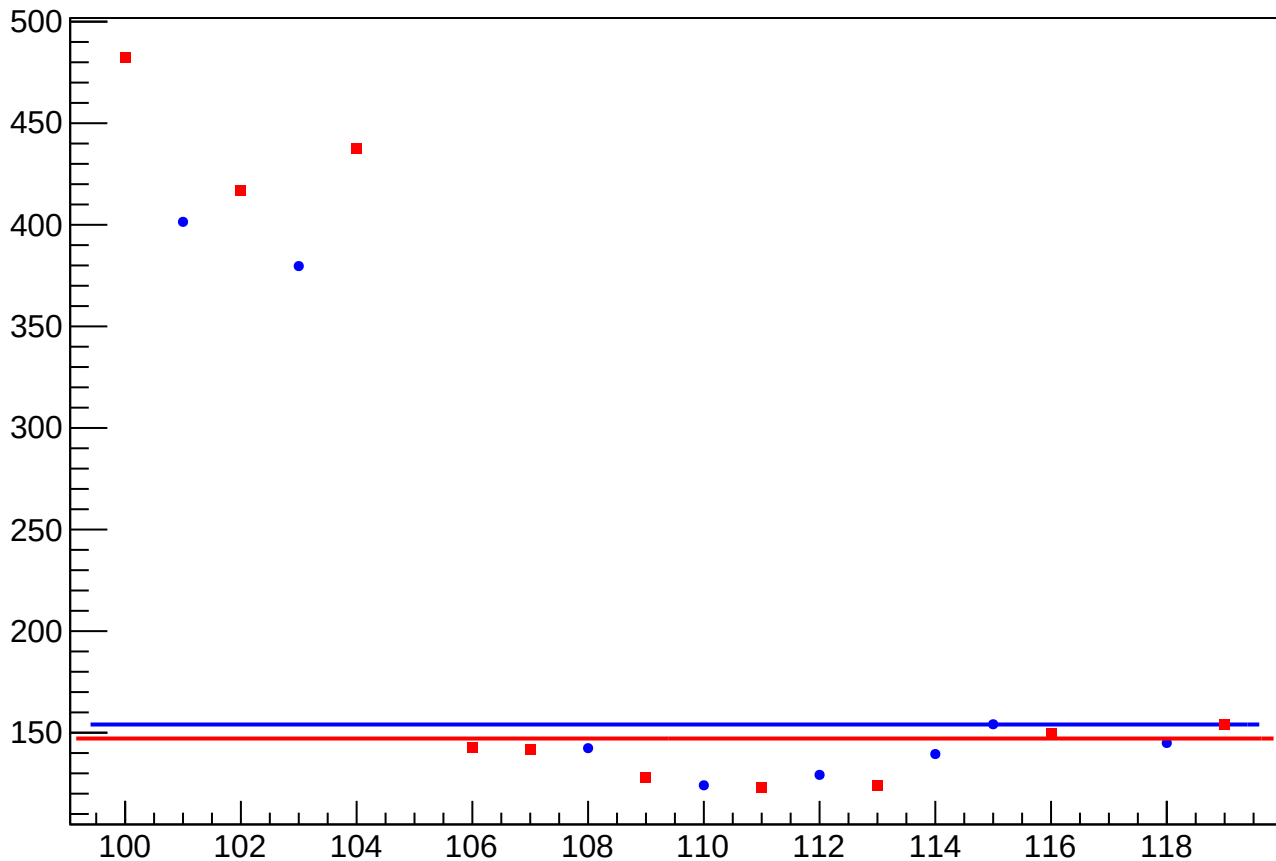
In: 155149.457+/-0.094 χ^2 /NDF: 174268831.3/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 155040.840+/-0.061 χ^2 /NDF: 441636933.0/1

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 154.044+/-0.066 χ^2/NDF : 984253.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.142+/-0.056 χ^2/NDF : 1159373.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

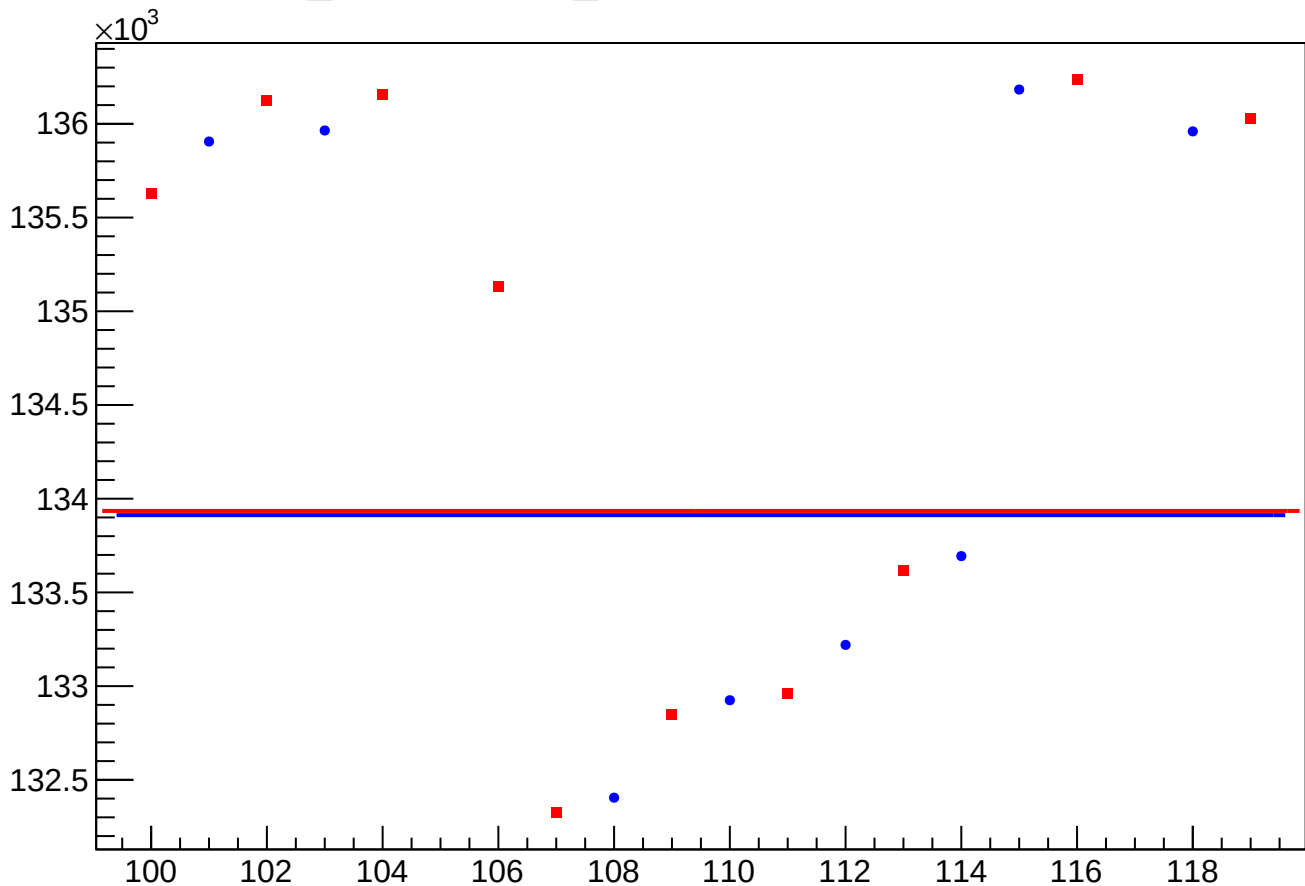
Right: 150.022+/-0.043 χ^2/NDF : 2149926.9/17

In: 154.044+/-0.066 χ^2/NDF : 984253.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

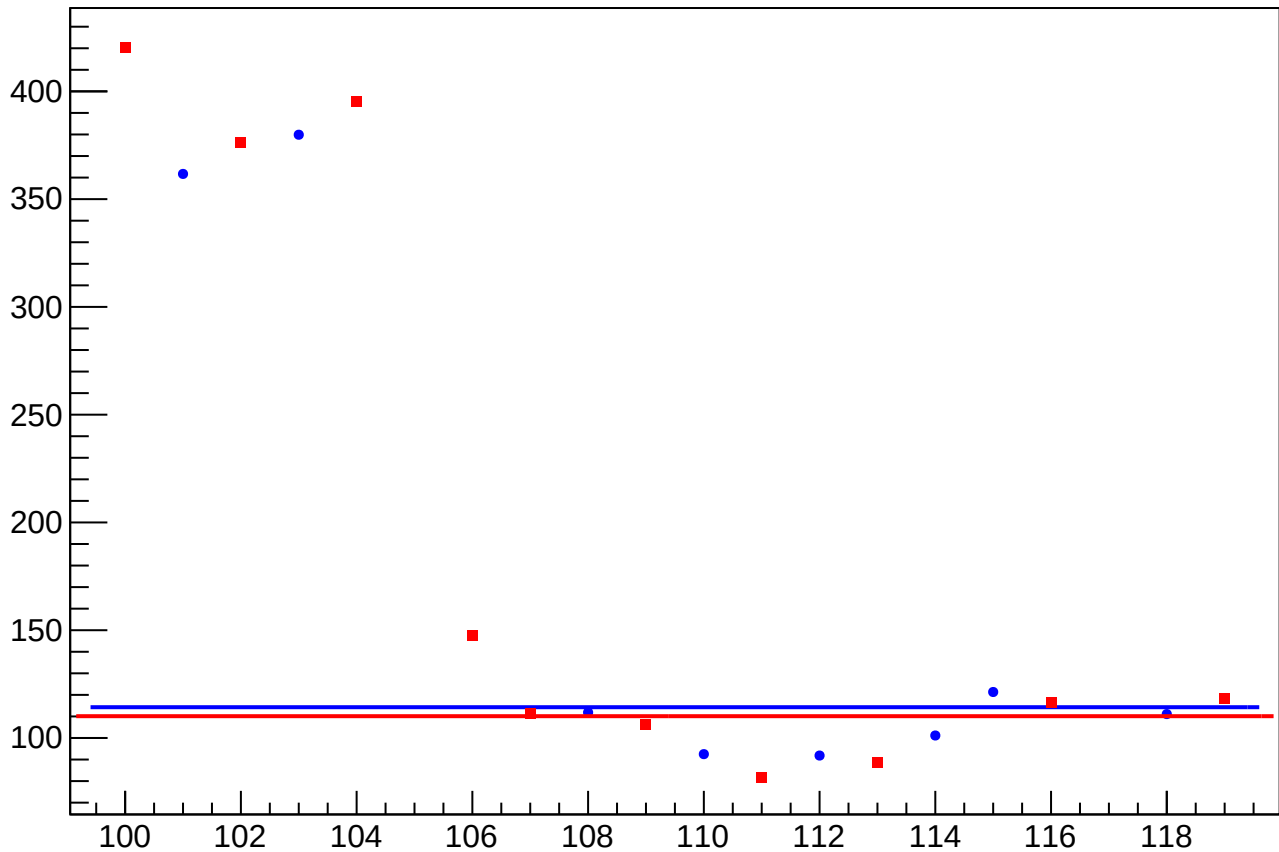
All: 150.022+/-0.043 χ^2/NDF : 2149926.9/17

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 133912.250 $\pm$ 0.072 χ^2 /NDF: 397517904.4/7
 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: 133925.143 $\pm$ 0.047 χ^2 /NDF: 895658716.0/1
 In: 133912.250 $\pm$ 0.072 χ^2 /NDF: 397517904.4/7
 Right Out: 133934.760 $\pm$ 0.062 χ^2 /NDF: 498084086.9/9
 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: 133925.143 $\pm$ 0.047 χ^2 /NDF: 895658716.0/1

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 114.283+/-0.051 χ^2/NDF : 1302104.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.114+/-0.044 χ^2/NDF : 1461398.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

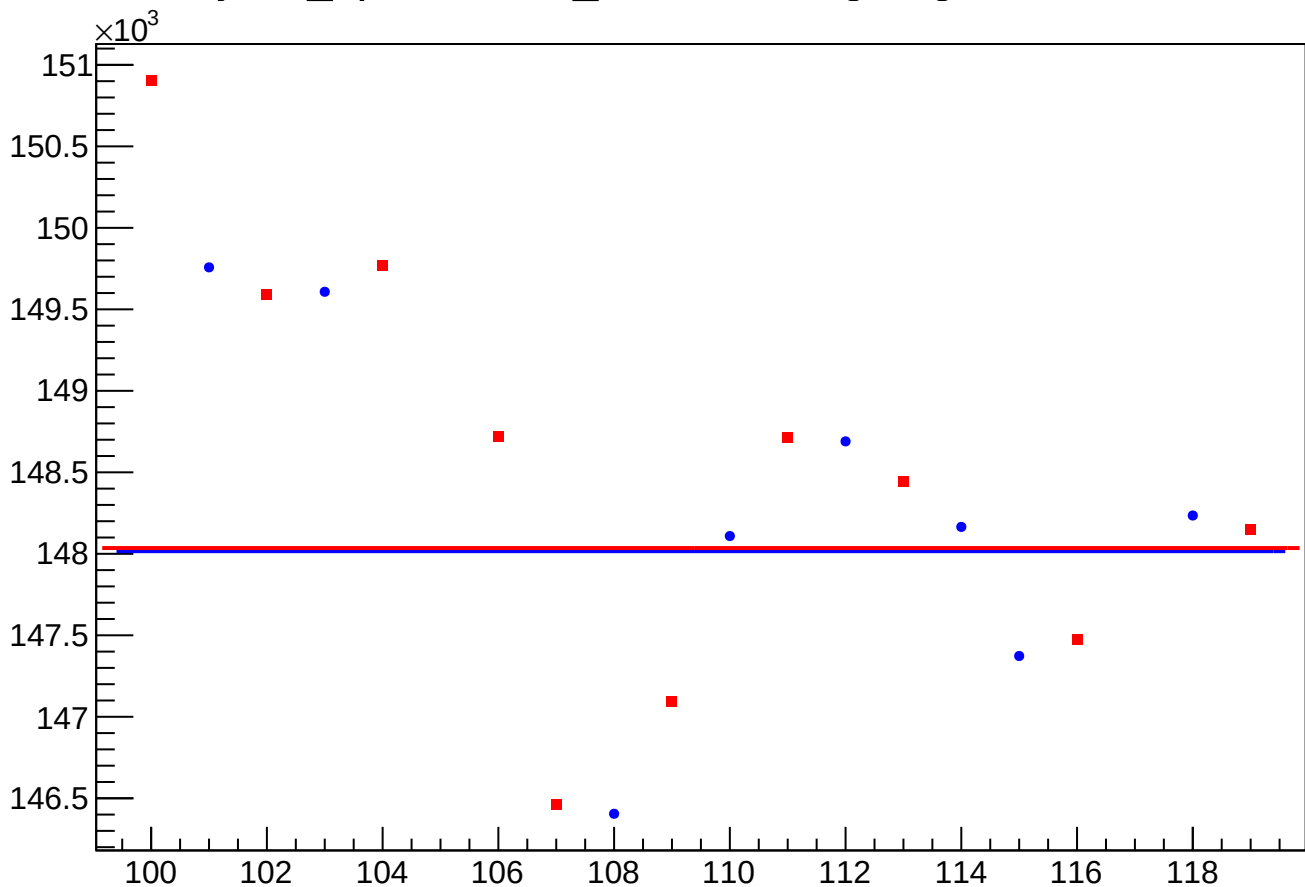
Right: 111.895+/-0.033 χ^2/NDF : 2767393.3/17

In: 114.283+/-0.051 χ^2/NDF : 1302104.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

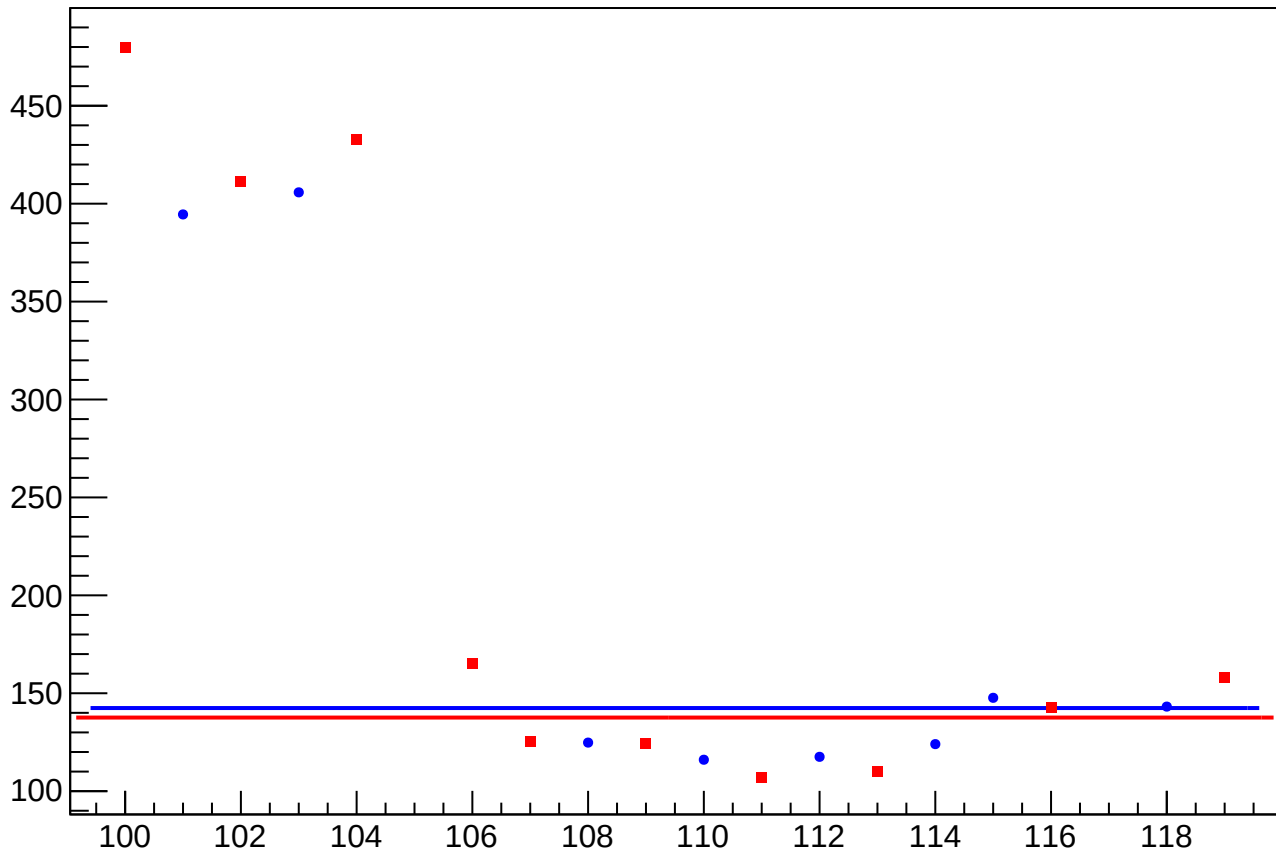
All: 111.895+/-0.033 χ^2/NDF : 2767393.3/17

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 148016.218 $\pm$ 0.088 χ^2 /NDF: 104434804.1/7
 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: 148027.192 $\pm$ 0.057 χ^2 /NDF: 223879028.6/1
 In: 148016.218 $\pm$ 0.088 χ^2 /NDF: 104434804.1/7
 Right Out: 148035.360 $\pm$ 0.076 χ^2 /NDF: 119416915.5/9
 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: 148027.192 $\pm$ 0.057 χ^2 /NDF: 223879028.6/1

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 142.449+/-0.062 χ^2/NDF : 1137043.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.587+/-0.054 χ^2/NDF : 1307930.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

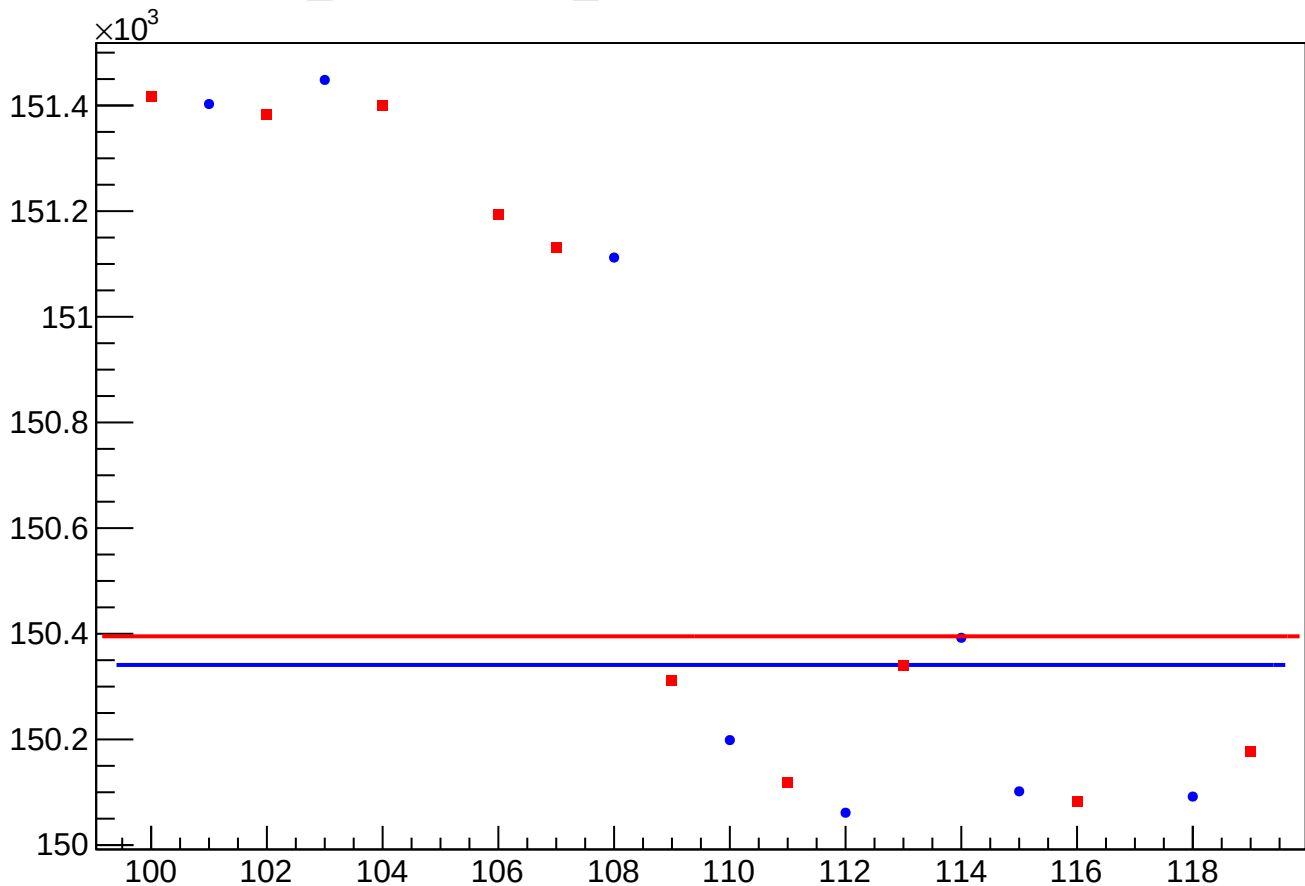
Right: 139.662+/-0.041 χ^2/NDF : 2448495.8/17

In: 142.449+/-0.062 χ^2/NDF : 1137043.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

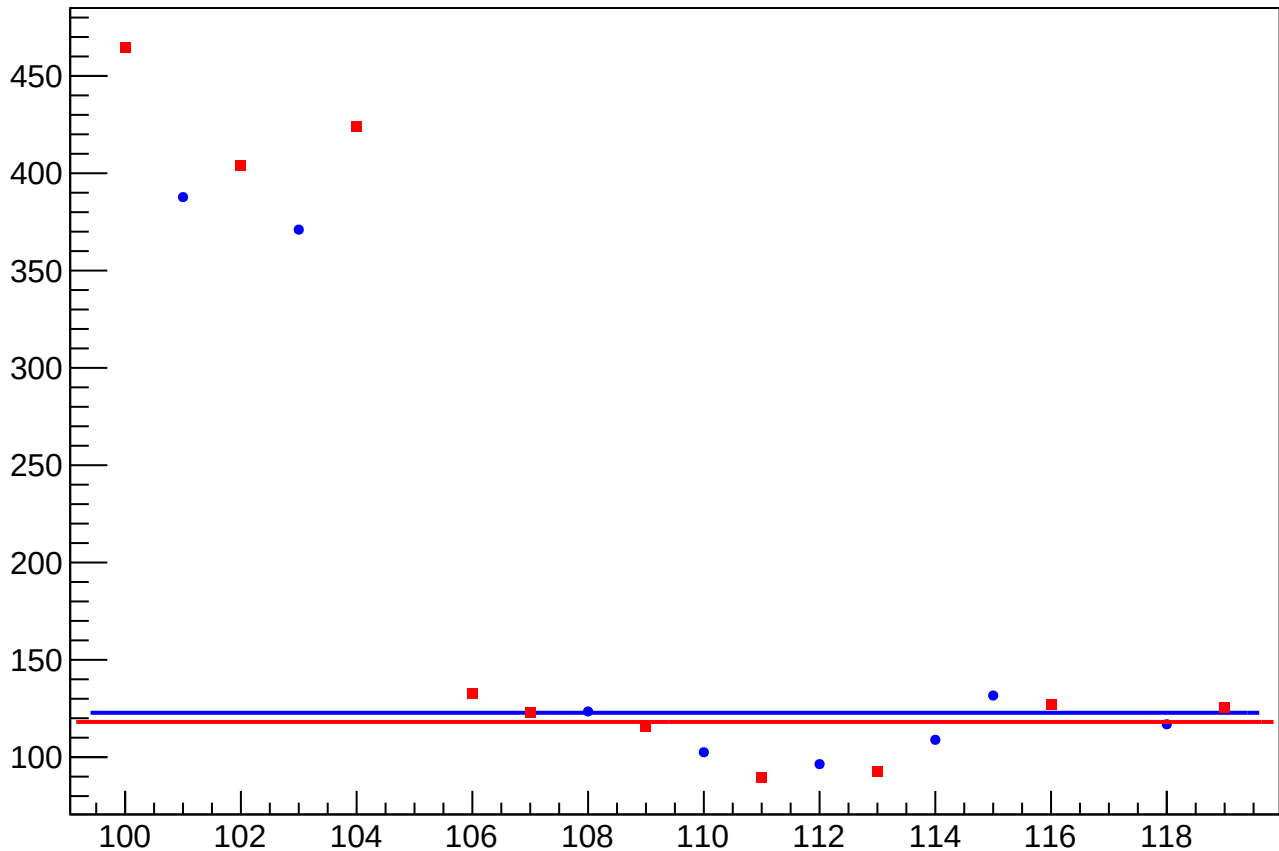
All: 139.662+/-0.041 χ^2/NDF : 2448495.8/17

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 150340.992+/-0.077 χ^2/NDF : 32107637.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 150372.439+/-0.050 χ^2/NDF : 67311578.9/17
 In: 150340.992+/-0.077 χ^2/NDF : 32107637.7/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 150372.439+/-0.050 χ^2/NDF : 67311578.9/17

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 122.805+/-0.054 χ^2/NDF : 1221501.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.093+/-0.046 χ^2/NDF : 1435052.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

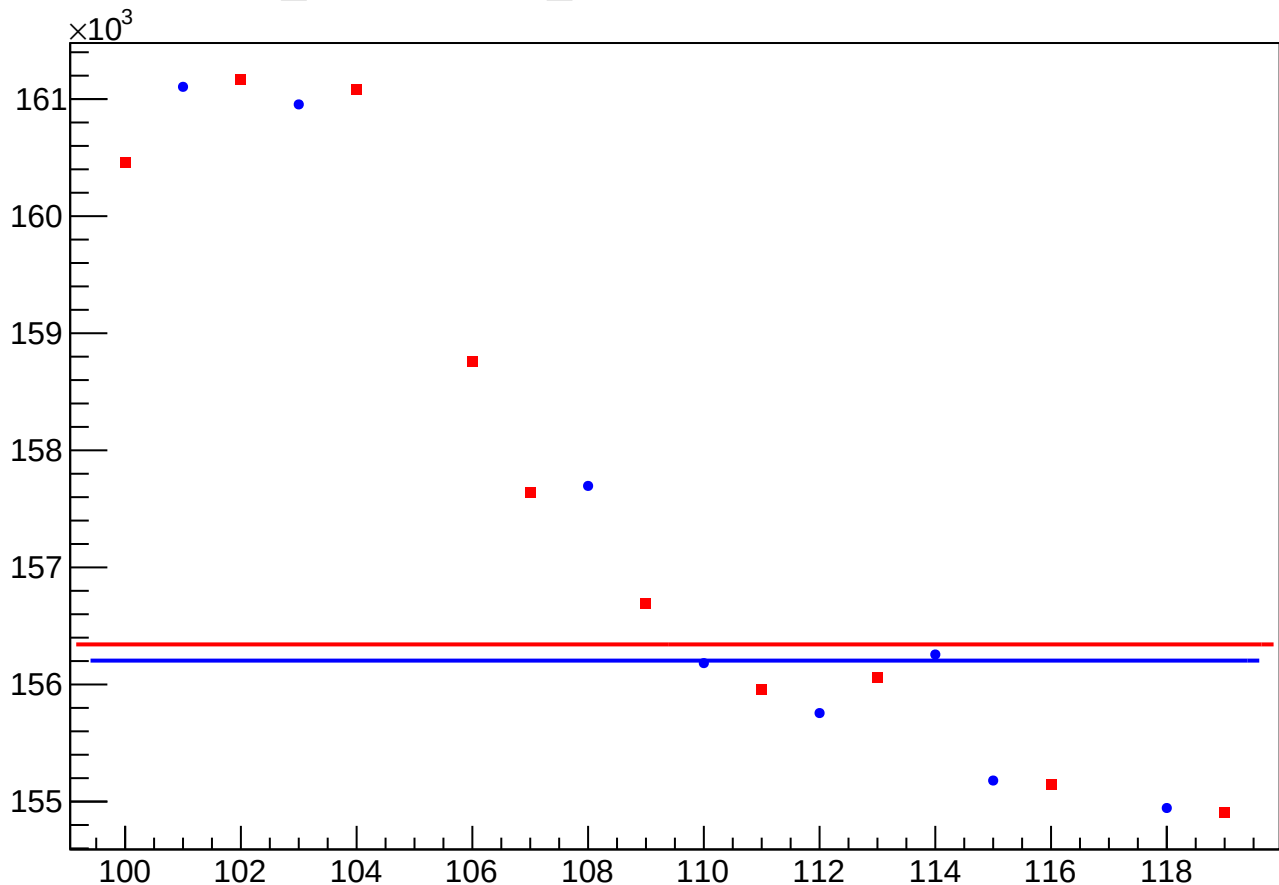
Right: 120.071+/-0.035 χ^2/NDF : 2660917.9/17

In: 122.805+/-0.054 χ^2/NDF : 1221501.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.071+/-0.035 χ^2/NDF : 2660917.9/17

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 156284.448+/-0.052 χ^2 /NDF: 683402851.3/1

In: 156204.011+/-0.081 χ^2 /NDF: 302976273.0/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 156284.448+/-0.052 χ^2 /NDF: 683402851.3/1

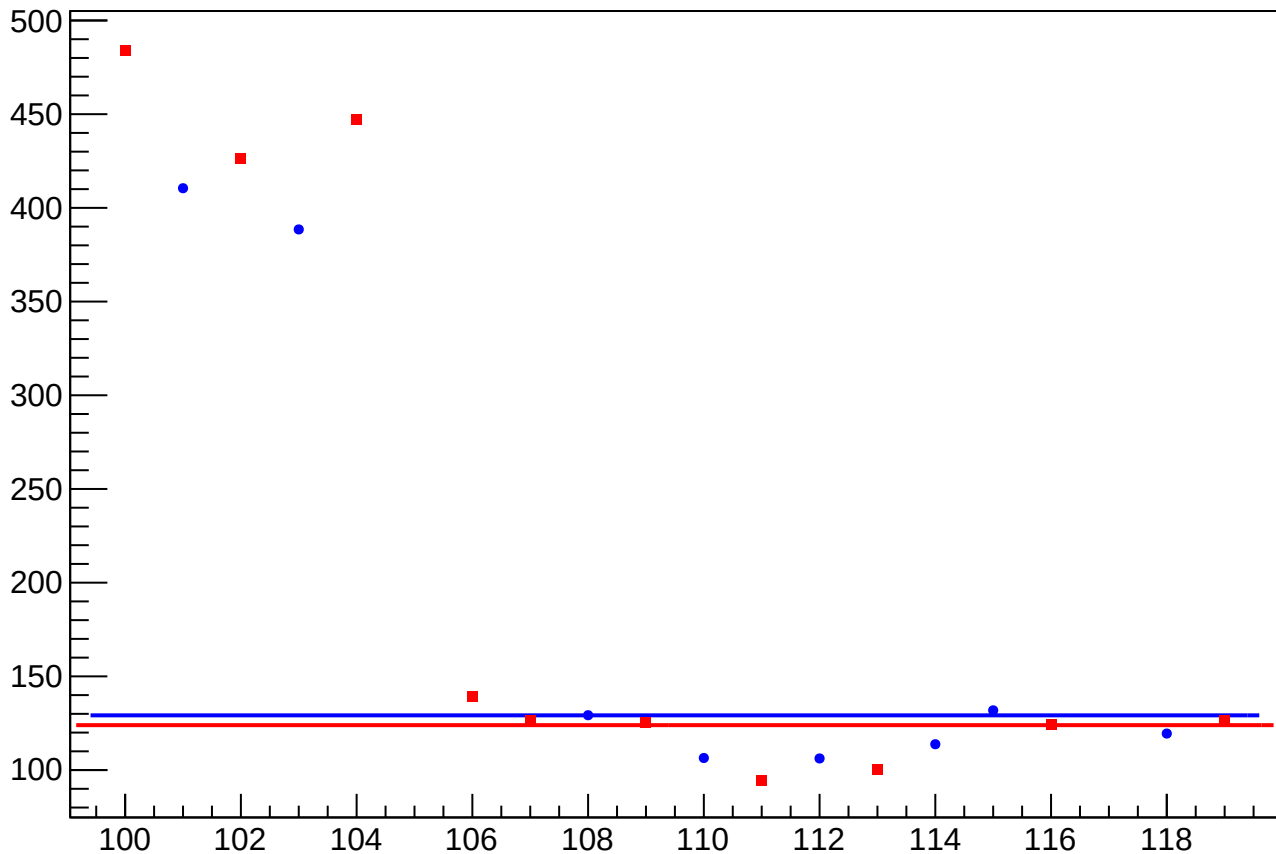
Right In: 156204.011+/-0.081 χ^2 /NDF: 302976273.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 156342.313+/-0.068 χ^2 /NDF: 378720005.8/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 129.202 $\pm$ 0.057 χ^2 /NDF: 1205277.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 123.970 $\pm$ 0.048 χ^2 /NDF: 1414135.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

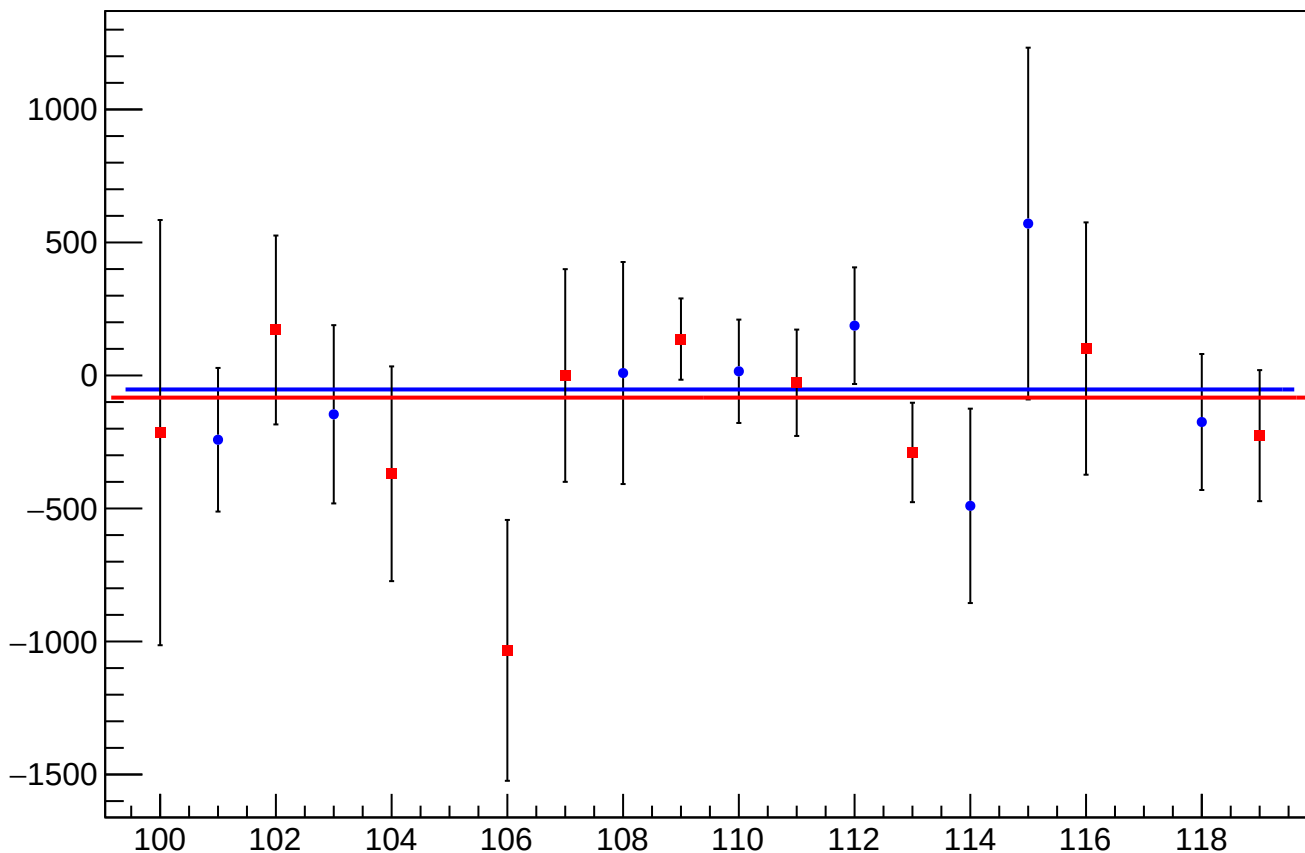
Right: 126.159 $\pm$ 0.037 χ^2 /NDF: 2624298.1/17

In: 129.202 $\pm$ 0.057 χ^2 /NDF:1205277.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.159 $\pm$ 0.037 χ^2 /NDF: 2624298.1/17

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -52.563+/-99.632 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.216+/-83.496 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

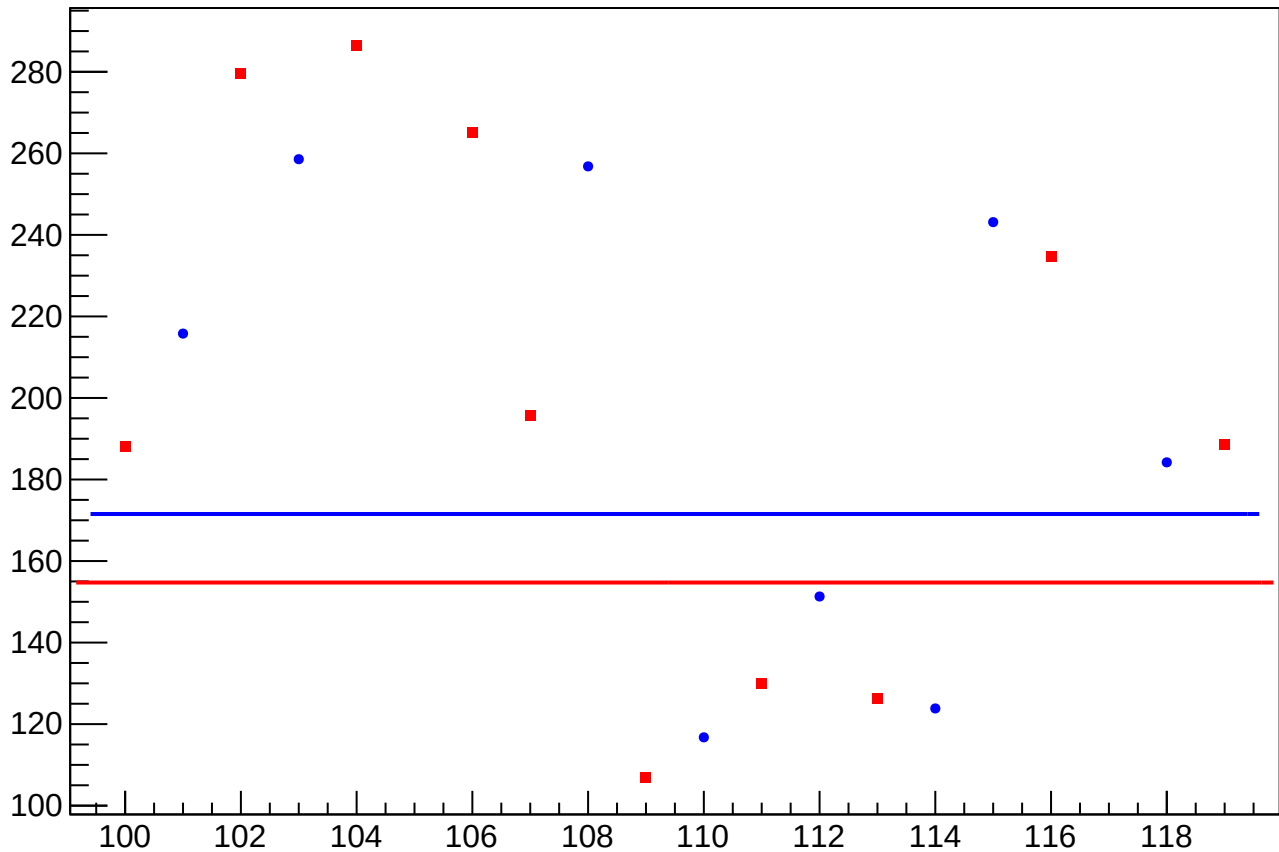
Right: -70.570+/-63.995 χ^2/NDF : 13.2/17

In: -52.563+/-99.632 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.570+/-63.995 χ^2/NDF : 13.2/17

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 171.538+/-0.070 χ^2/NDF : 510615.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.729+/-0.059 χ^2/NDF : 953756.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

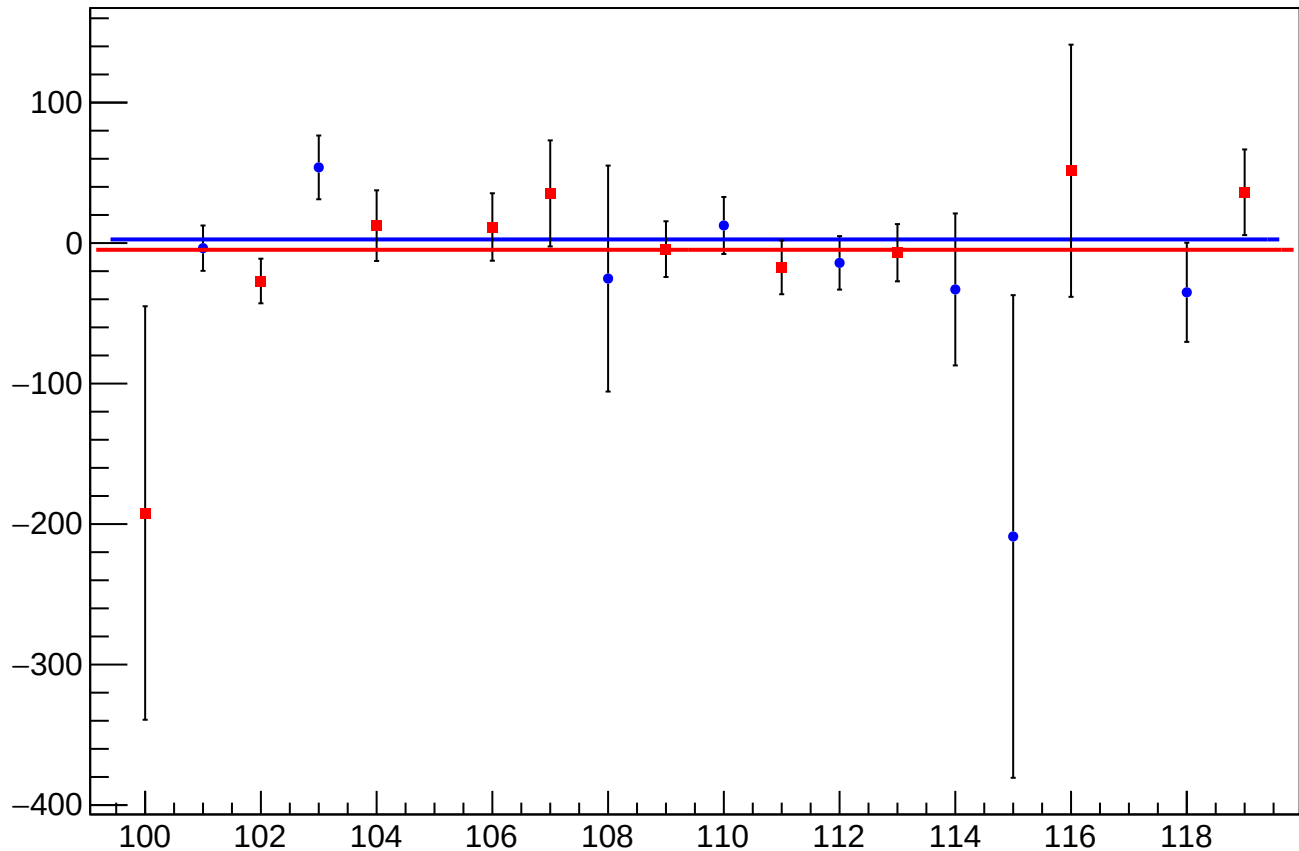
Right: 161.664+/-0.045 χ^2/NDF : 1497811.3/17

In: 171.538+/-0.070 χ^2/NDF : 510615.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.664+/-0.045 χ^2/NDF : 1497811.3/17

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 2.594+/-9.013 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.788+/-7.691 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

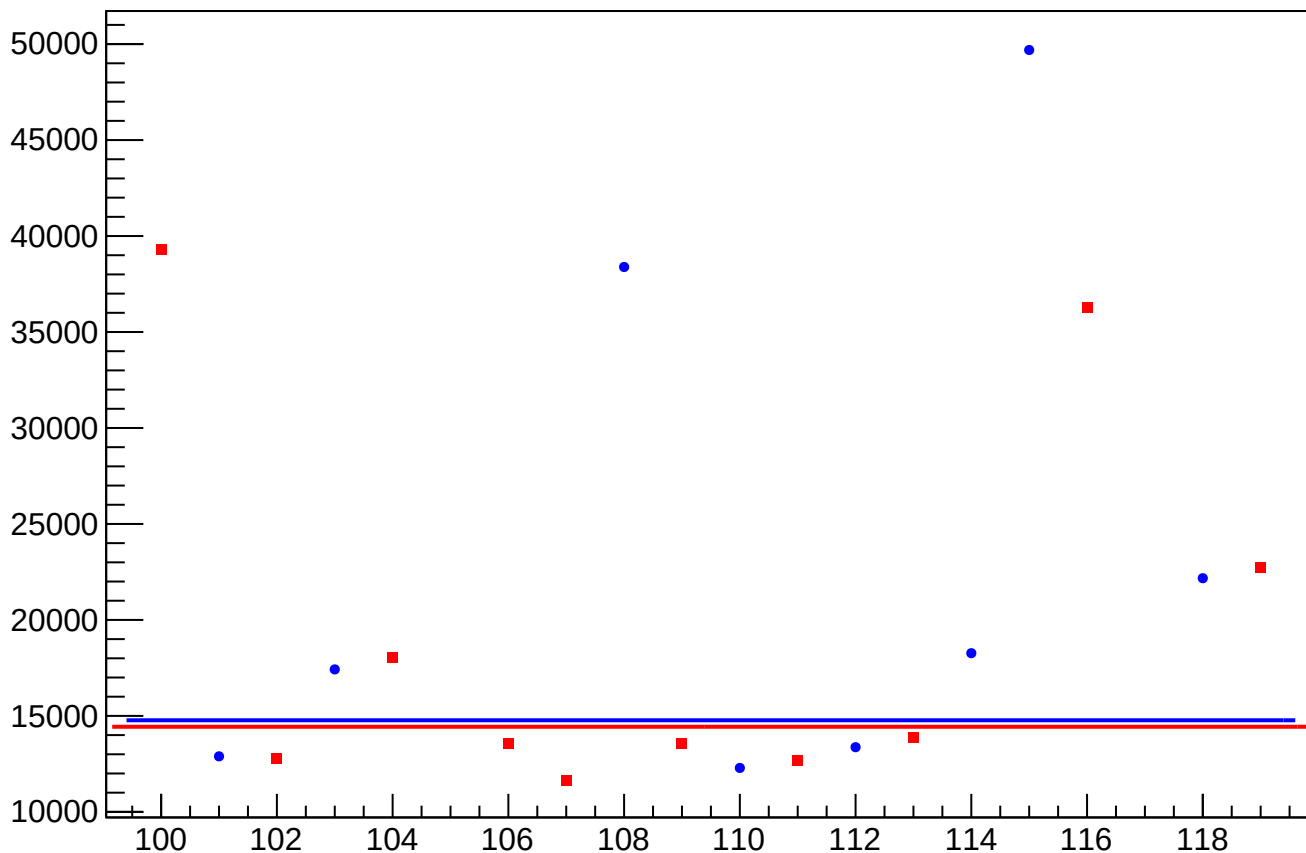
Right: -1.677+/-5.850 χ^2/NDF : 18.1/17

In: 2.594+/-9.013 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.677+/-5.850 χ^2/NDF : 18.1/17

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 14771.397+/-6.373 χ^2/NDF : 446660.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14434.265+/-5.438 χ^2/NDF : 423612.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

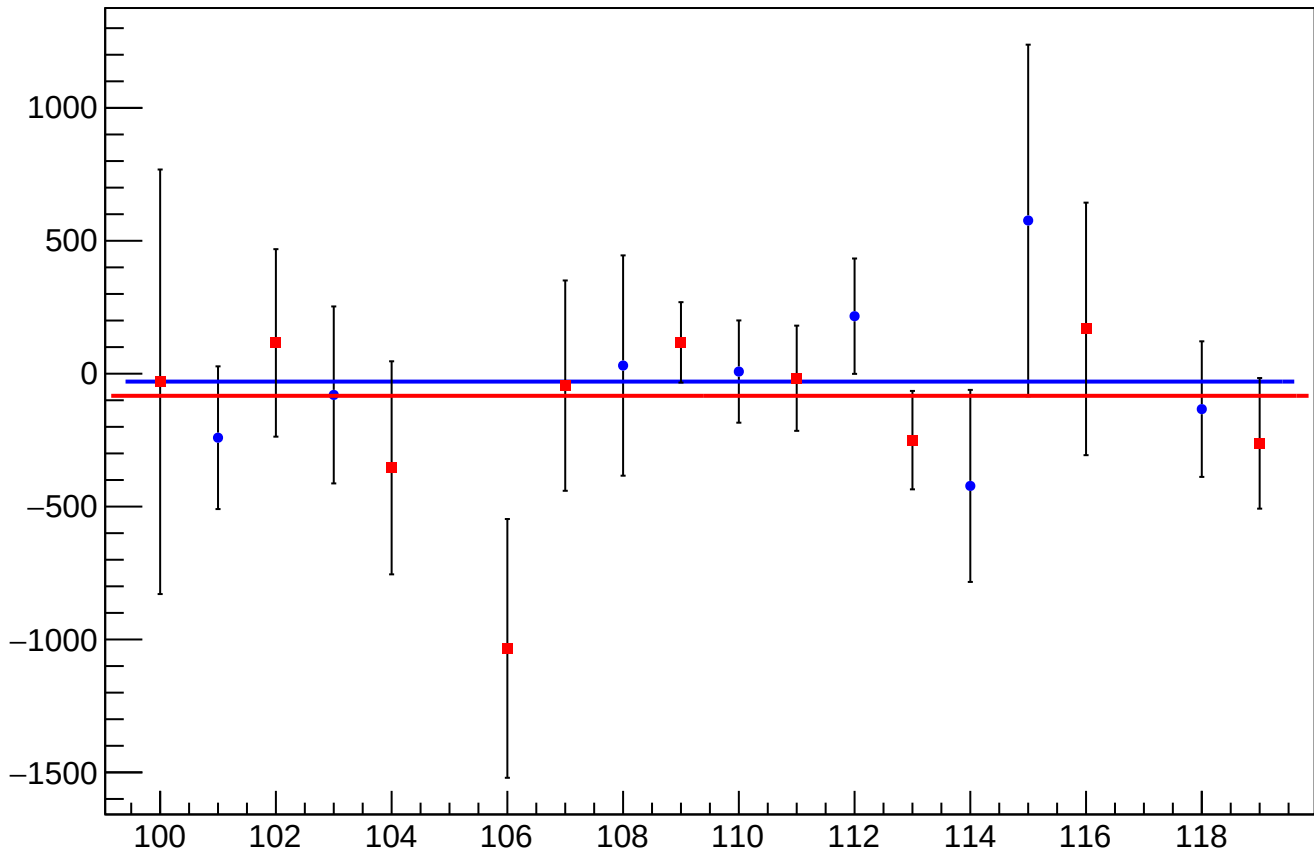
Right: 14576.313+/-4.137 χ^2/NDF : 871892.7/17

In: 14771.397+/-6.373 χ^2/NDF :446660.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14576.313+/-4.137 χ^2/NDF : 871892.7/17

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -29.727 ± 98.871 χ^2/NDF : 4.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -83.237 ± 82.801 χ^2/NDF : 8.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

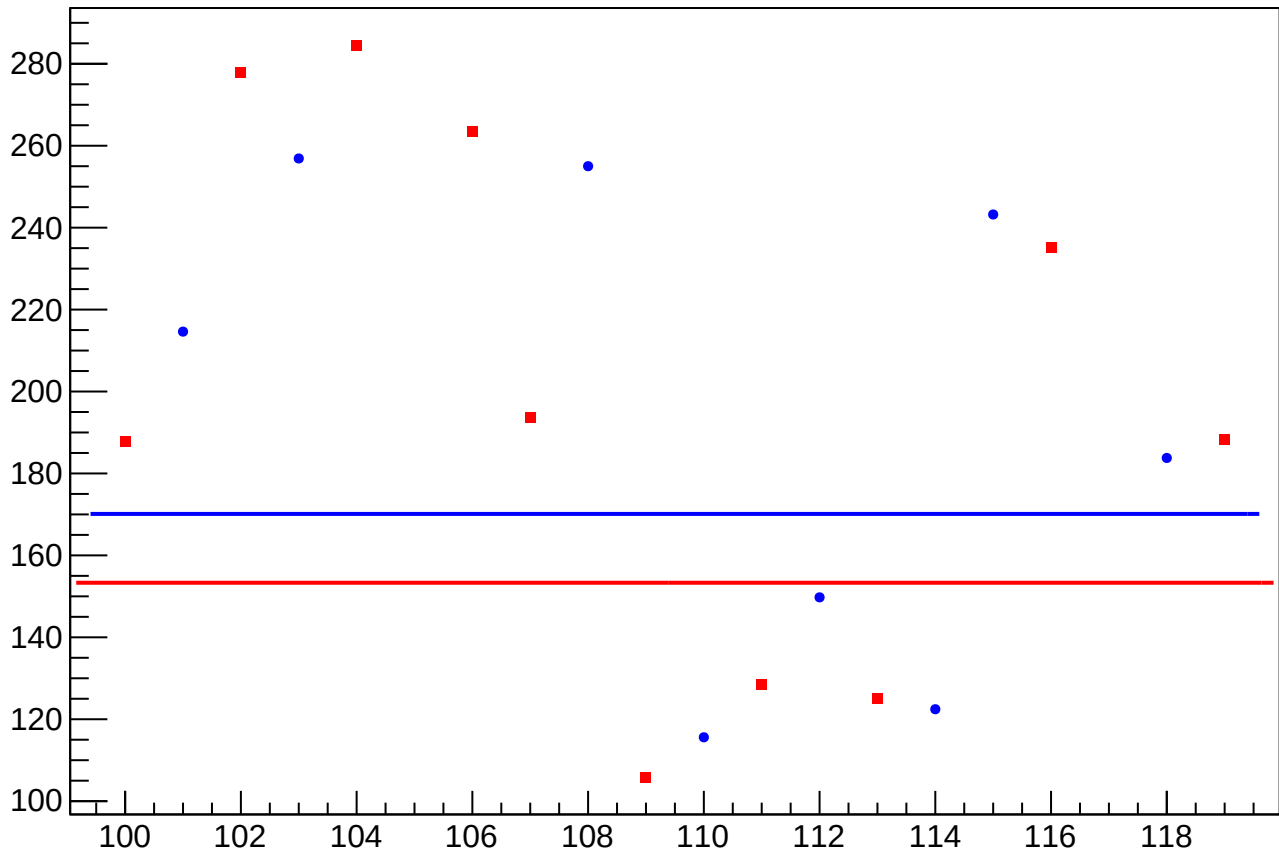
Right: -61.179 ± 63.480 χ^2/NDF : 12.4/17

In: -29.727 ± 98.871 χ^2/NDF : 4.2/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.179 ± 63.480 χ^2/NDF : 12.4/17

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 170.122+/-0.070 χ^2/NDF : 518014.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.320+/-0.059 χ^2/NDF : 964366.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

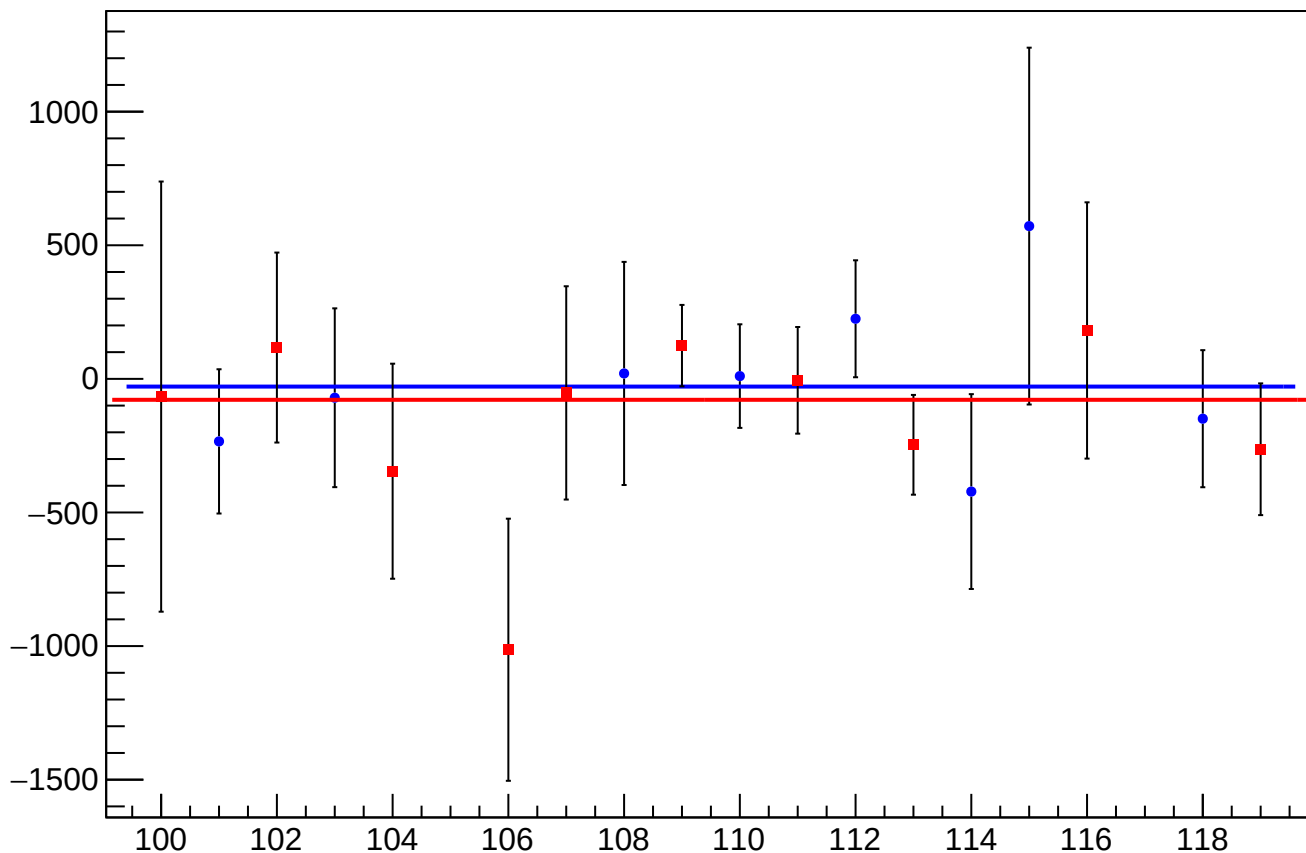
Right: 160.246+/-0.045 χ^2/NDF : 1516327.9/17

In: 170.122+/-0.070 χ^2/NDF : 518014.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.246+/-0.045 χ^2/NDF : 1516327.9/17

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -28.852+/-99.580 χ^2/NDF : 4.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -78.345+/-83.412 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

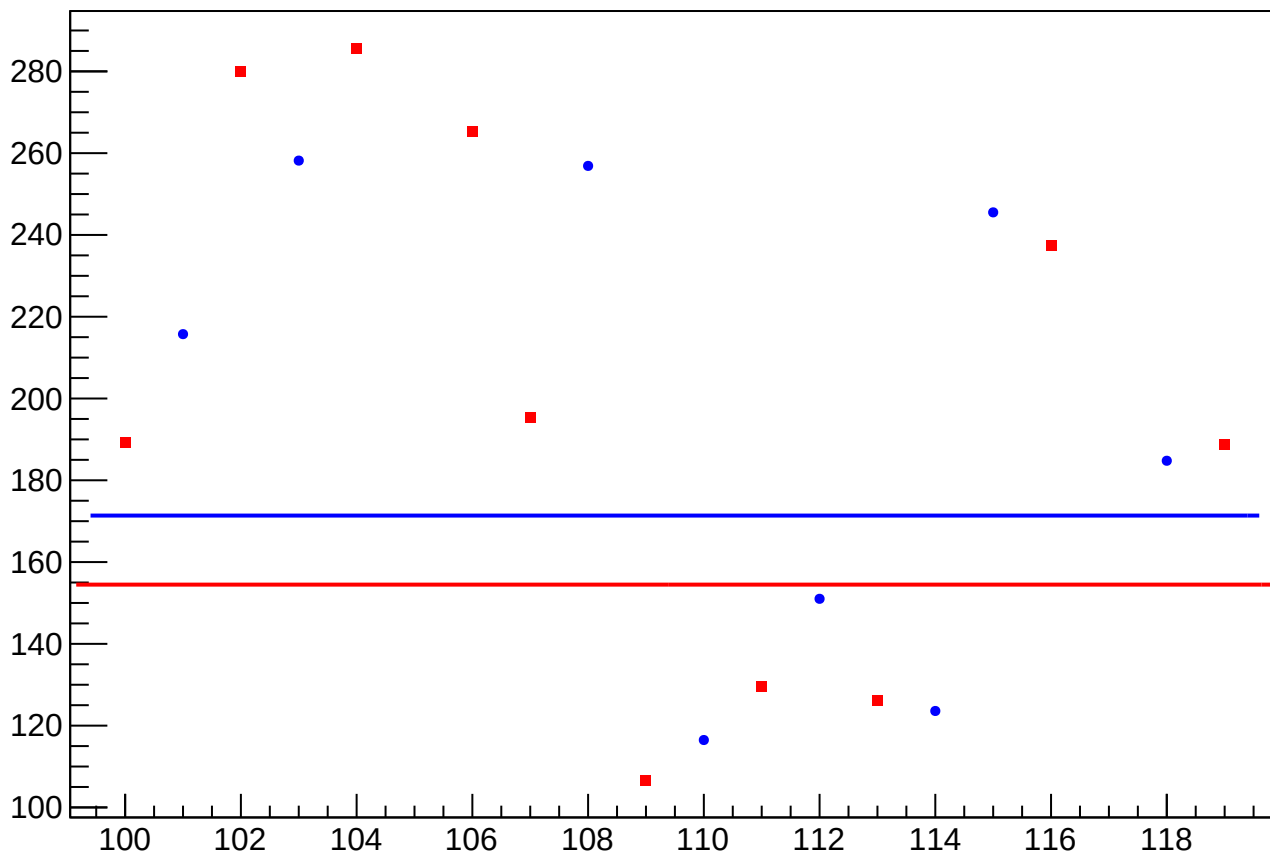
Right: -57.938+/-63.943 χ^2/NDF : 12.3/17

In: -28.852+/-99.580 χ^2/NDF :4.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -57.938+/-63.943 χ^2/NDF : 12.3/17

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 171.372+/-0.070 χ^2/NDF : 514678.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.486+/-0.059 χ^2/NDF : 960746.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

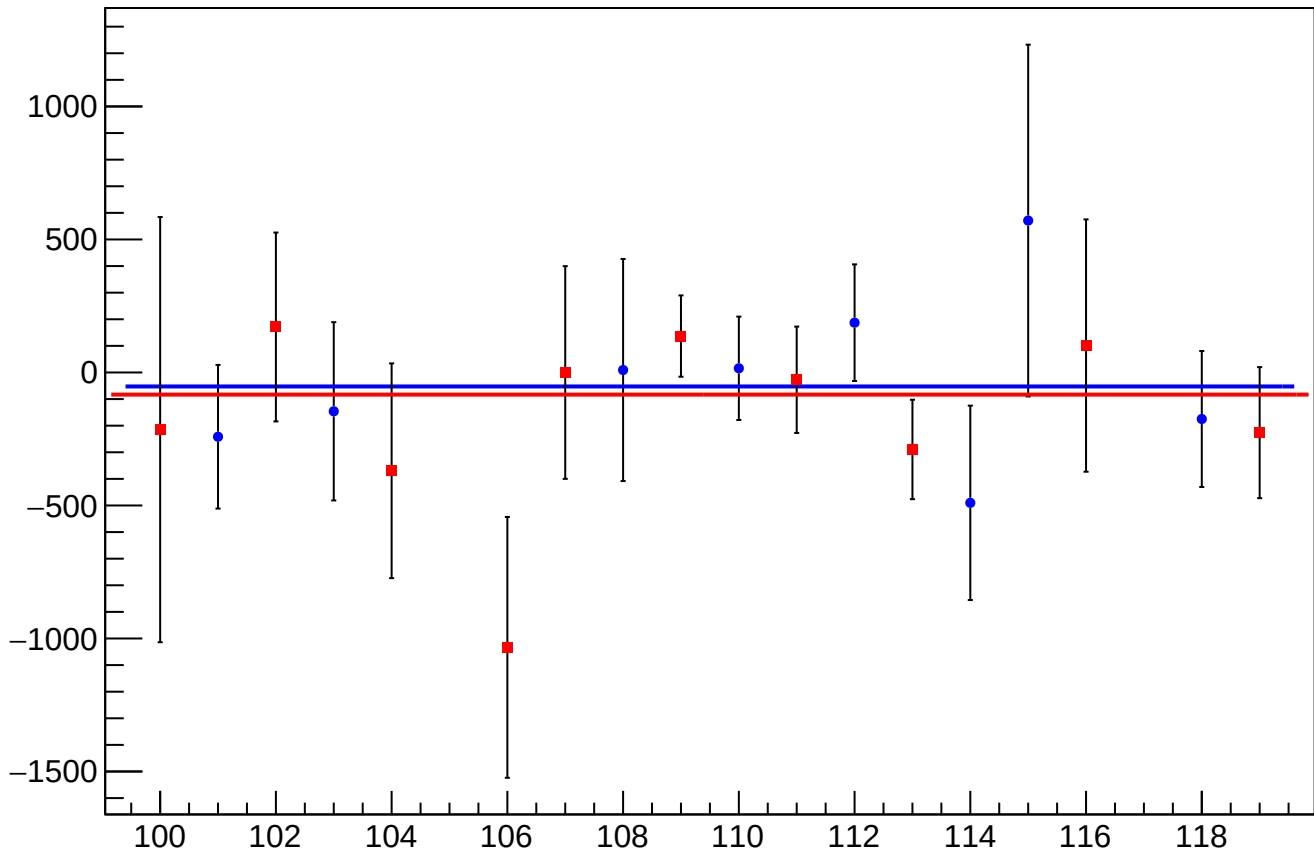
Right: 161.449+/-0.045 χ^2/NDF : 1509224.5/17

In: 171.372+/-0.070 χ^2/NDF : 514678.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.449+/-0.045 χ^2/NDF : 1509224.5/17

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -52.563+/-99.632 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -83.216+/-83.496 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

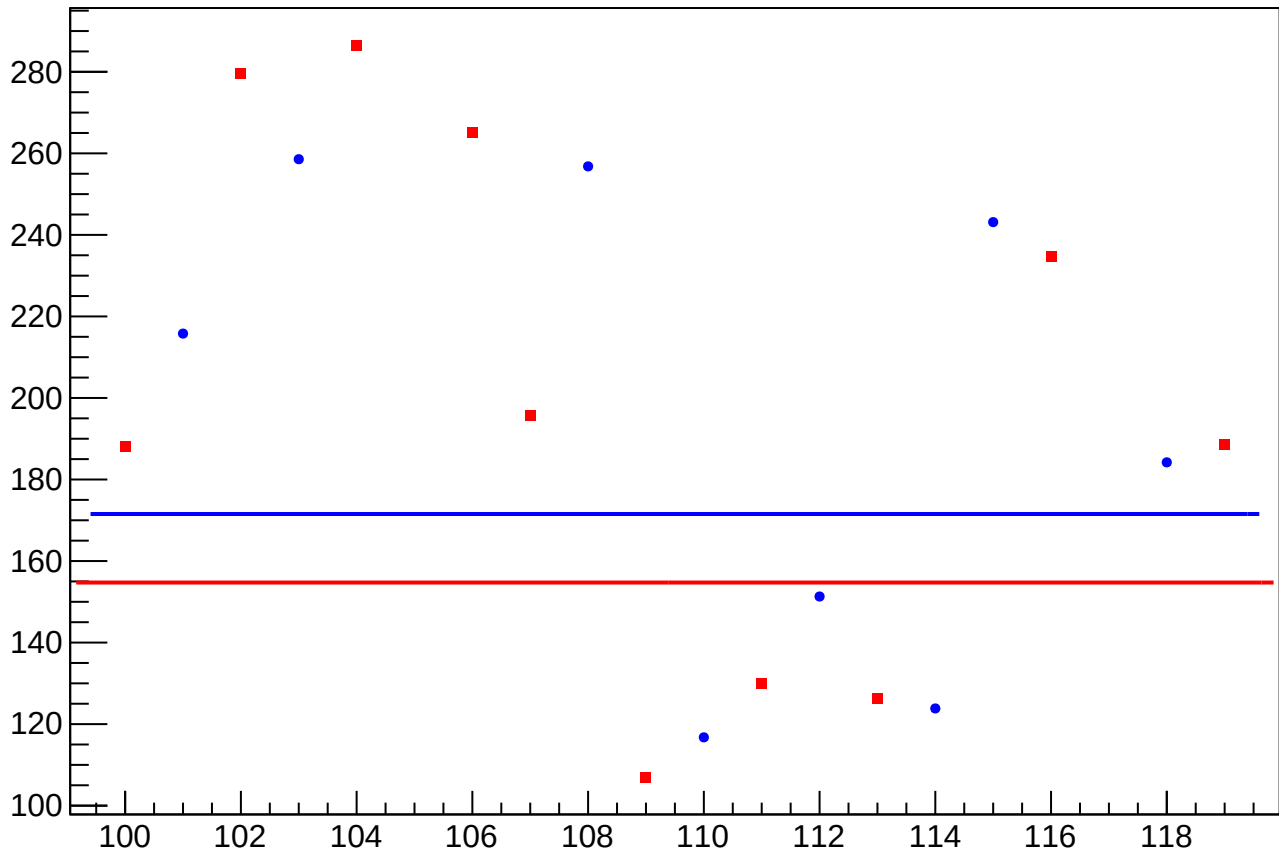
Right: -70.570+/-63.995 χ^2/NDF : 13.2/17

In: -52.563+/-99.632 χ^2/NDF :4.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -70.570+/-63.995 χ^2/NDF : 13.2/17

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 171.538+/-0.070 χ^2/NDF : 510615.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.729+/-0.059 χ^2/NDF : 953756.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

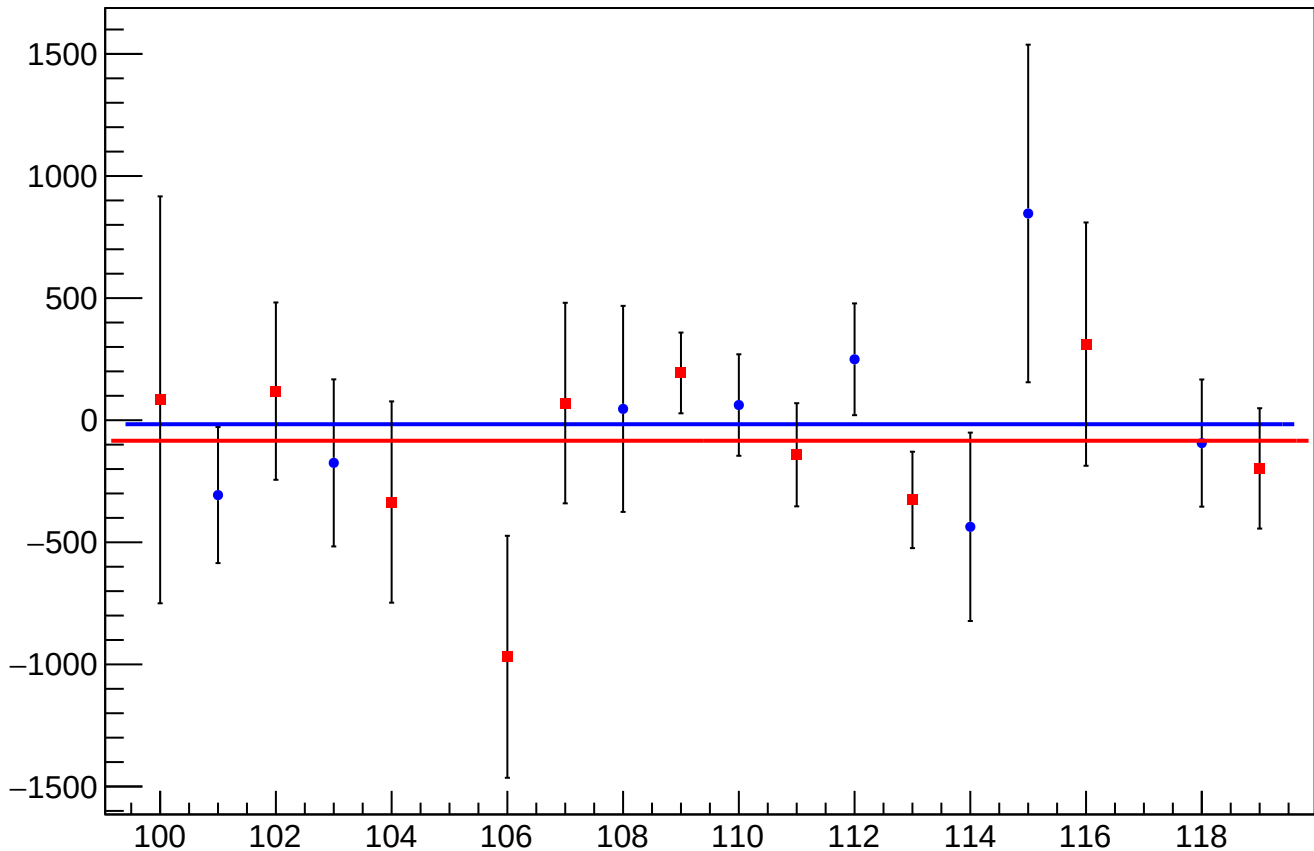
Right: 161.664+/-0.045 χ^2/NDF : 1497811.3/17

In: 171.538+/-0.070 χ^2/NDF : 510615.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.664+/-0.045 χ^2/NDF : 1497811.3/17

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -16.421 ± 103.774 χ^2/NDF : 5.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -84.110 ± 87.683 χ^2/NDF : 9.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

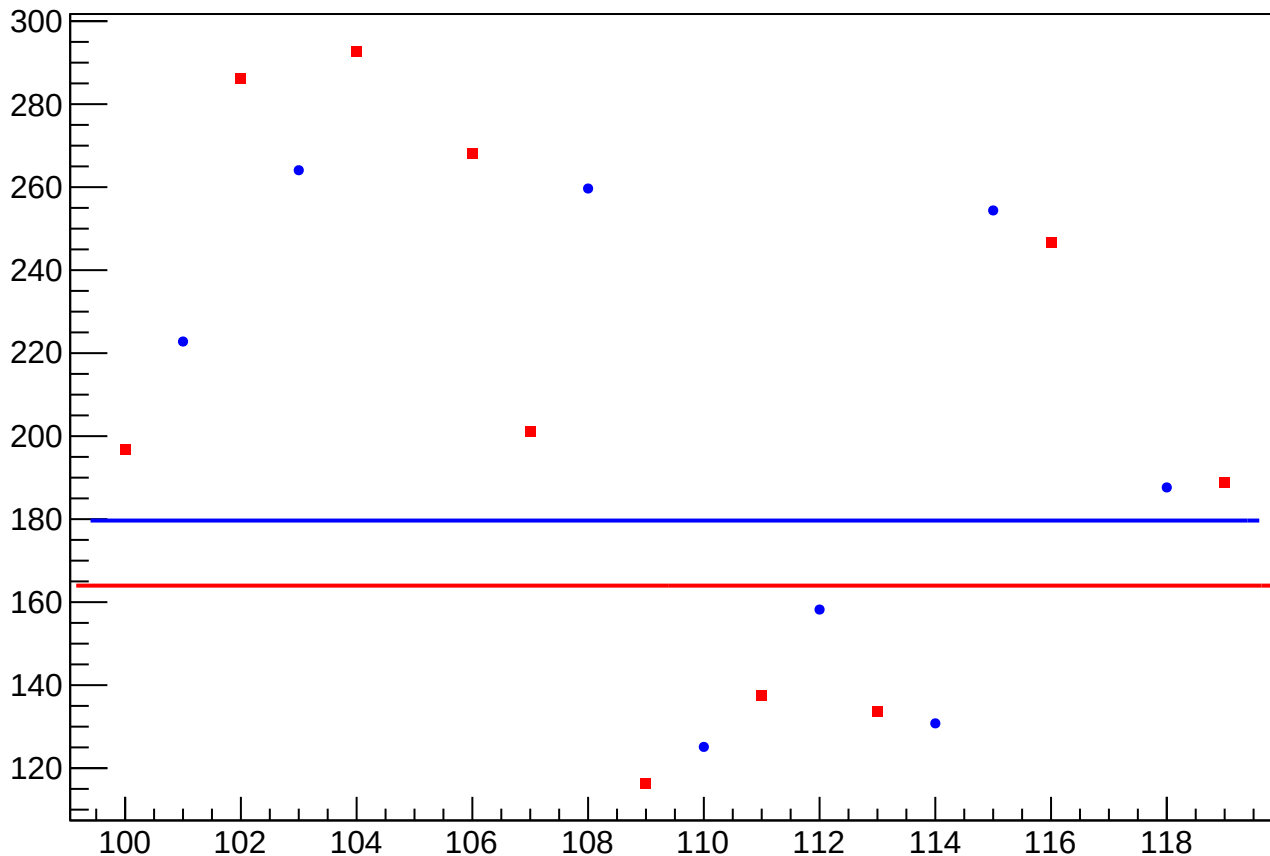
Right: -55.915 ± 66.976 χ^2/NDF : 15.2/17

In: -16.421 ± 103.774 χ^2/NDF : 5.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.915 ± 66.976 χ^2/NDF : 15.2/17

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 179.663+/-0.073 χ^2/NDF : 454353.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.983+/-0.062 χ^2/NDF : 849337.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

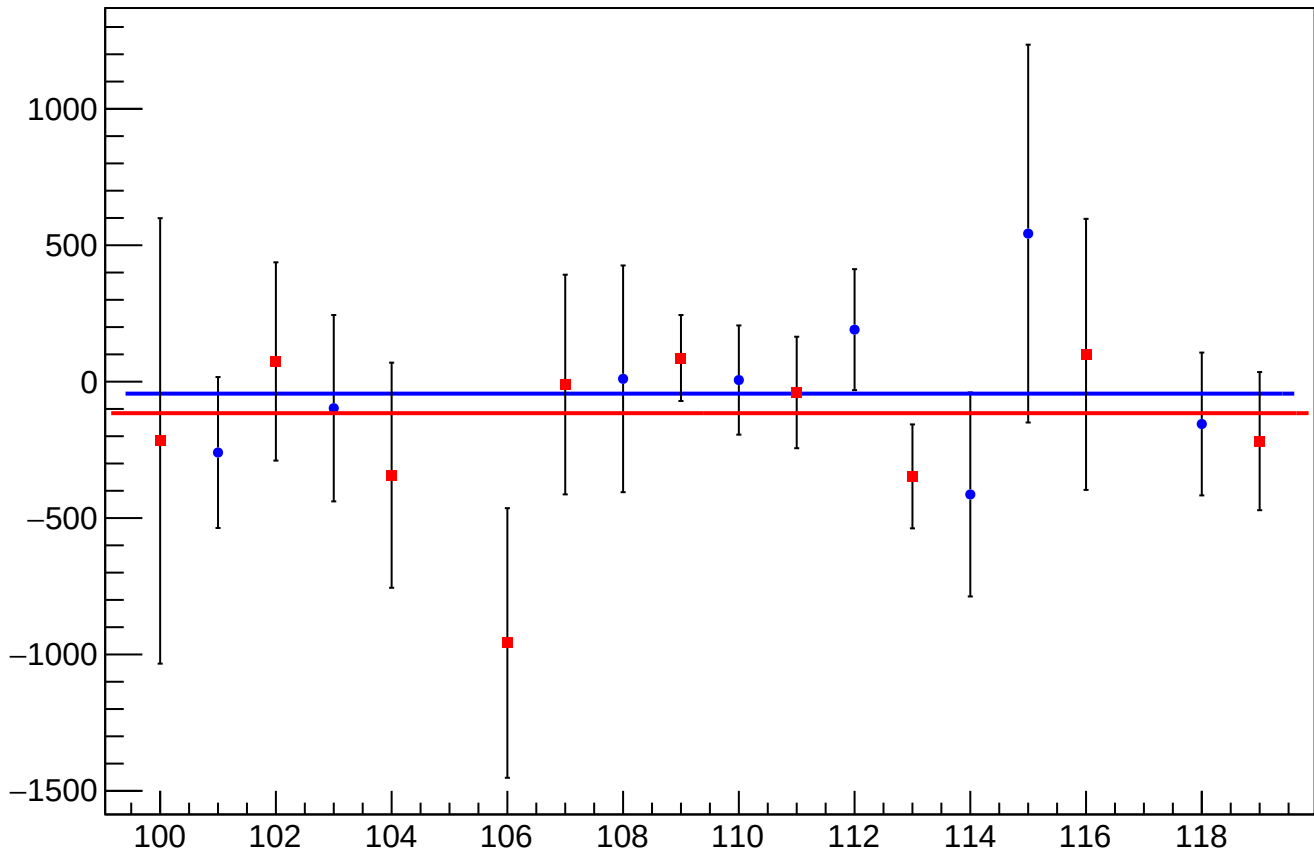
Right: 170.514+/-0.047 χ^2/NDF : 1330329.7/17

In: 179.663+/-0.073 χ^2/NDF : 454353.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.514+/-0.047 χ^2/NDF : 1330329.7/17

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -43.879+/-101.779 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.531+/-85.546 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

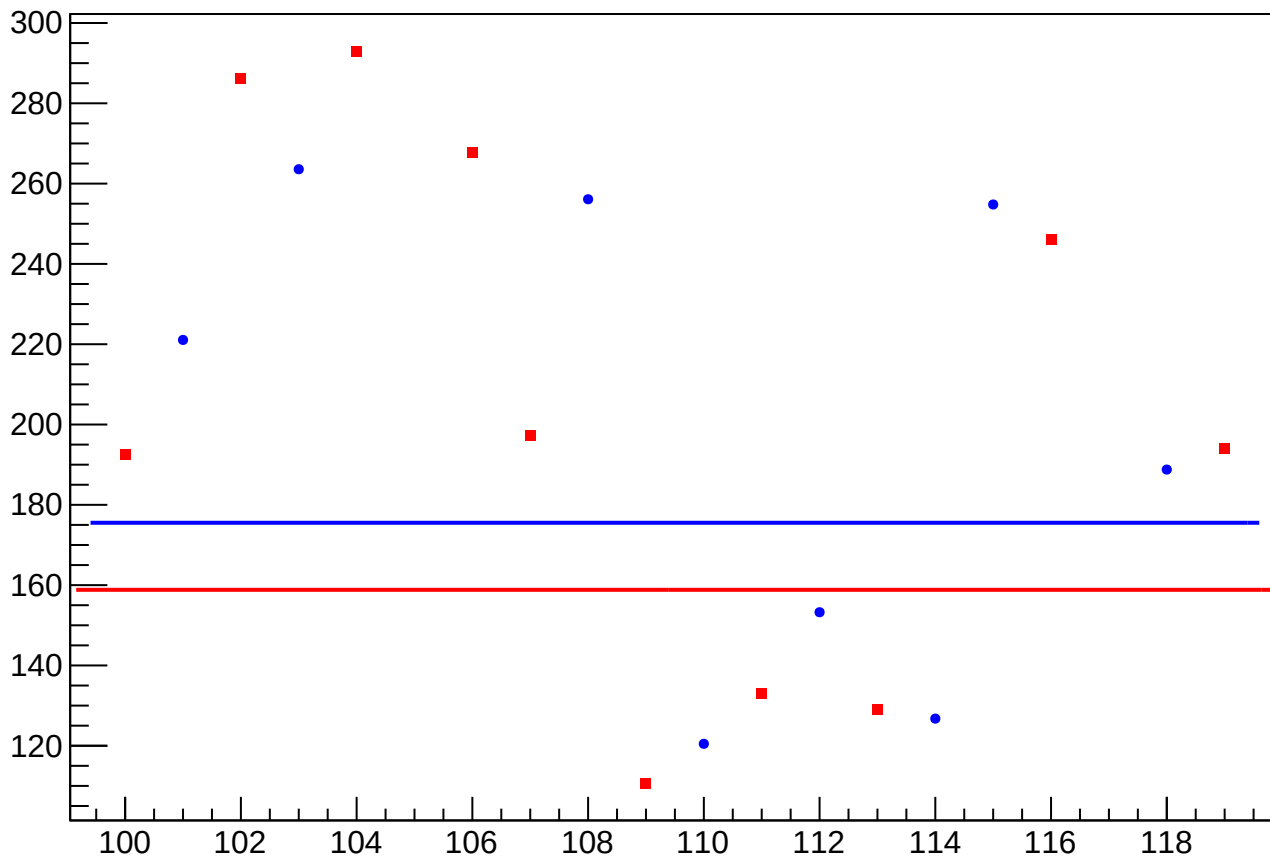
Right: -85.868+/-65.487 χ^2/NDF : 11.2/17

In: -43.879+/-101.779 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.868+/-65.487 χ^2/NDF : 11.2/17

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 175.534+/-0.072 χ^2/NDF : 499002.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.836+/-0.060 χ^2/NDF : 944407.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

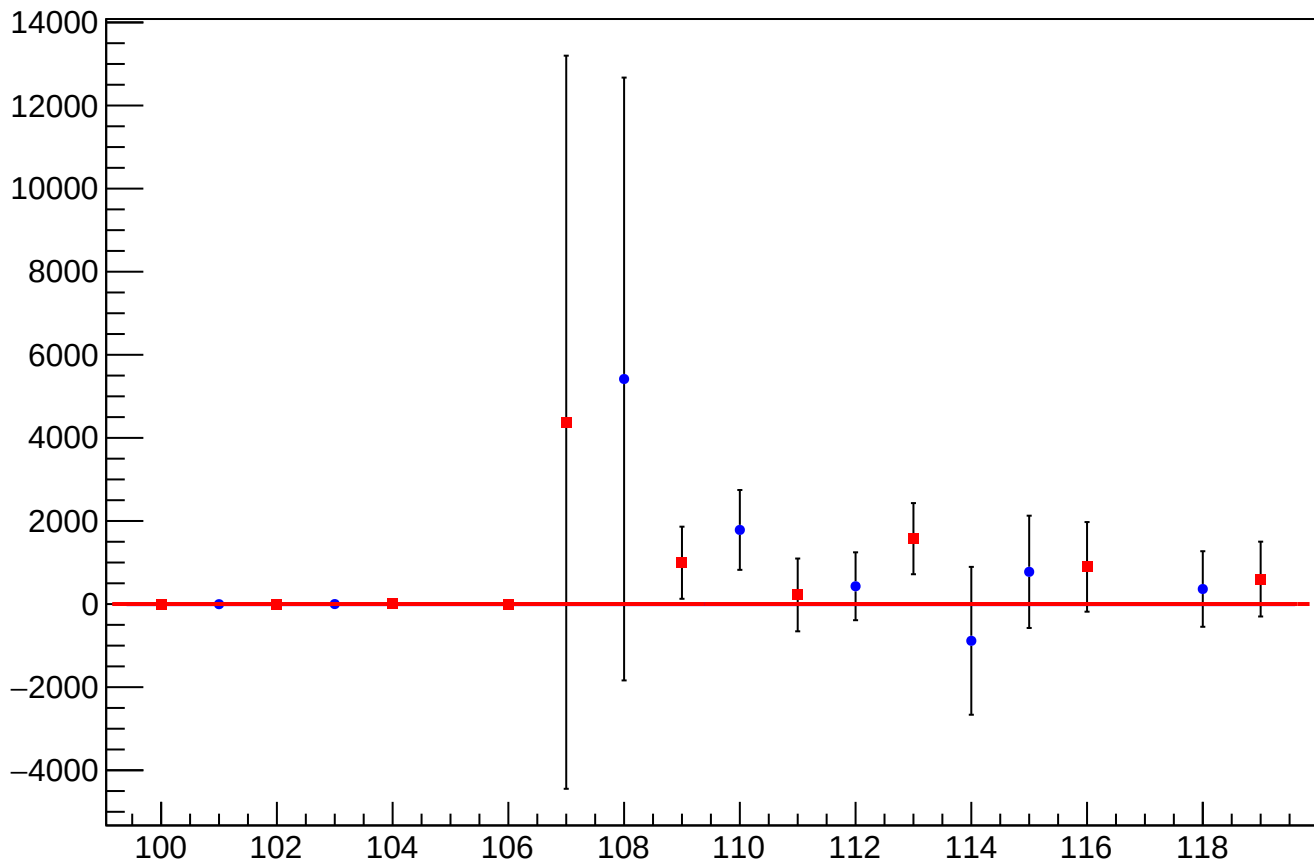
Right: 165.749+/-0.046 χ^2/NDF : 1474956.7/17

In: 175.534+/-0.072 χ^2/NDF : 499002.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.749+/-0.046 χ^2/NDF : 1474956.7/17

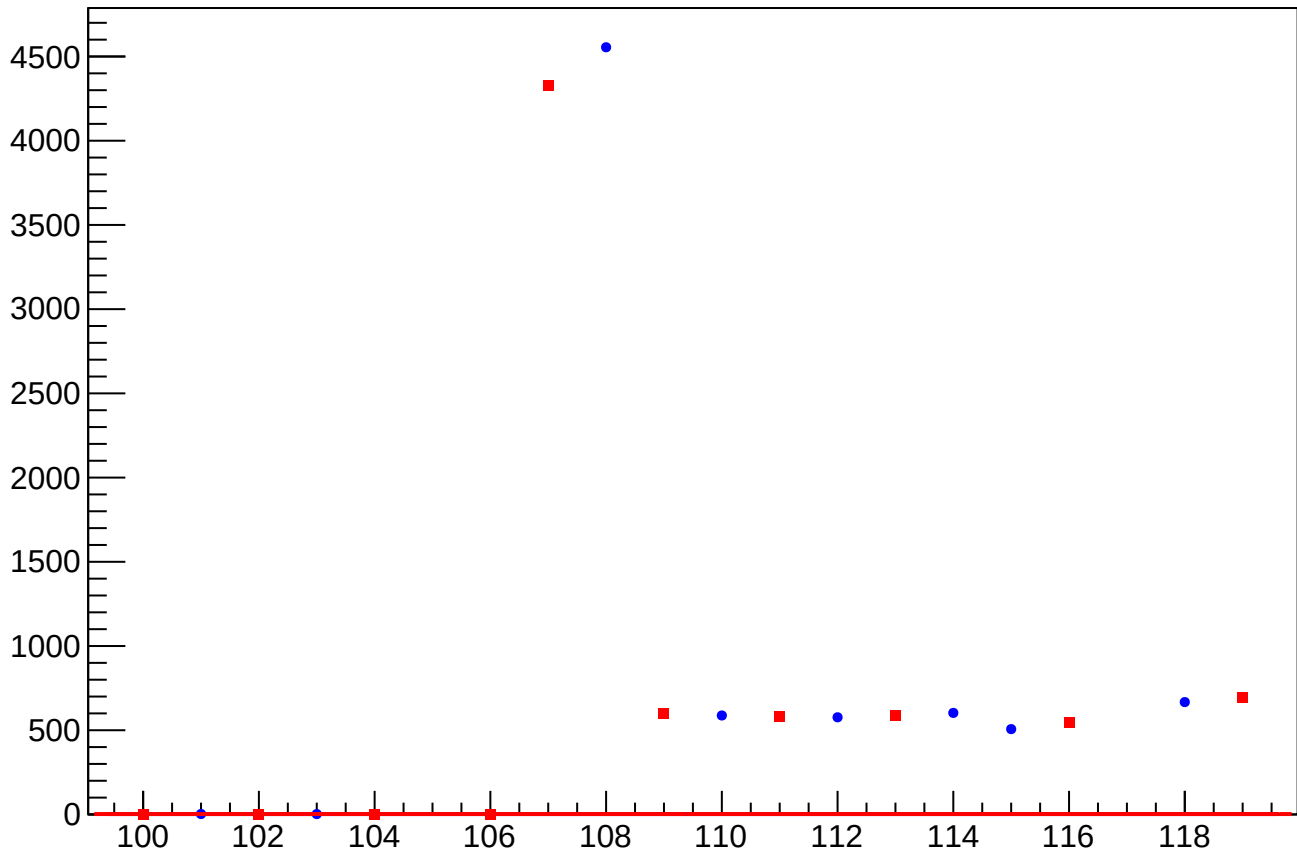
asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.203 $\pm$ 2.171 χ^2 /NDF: 5.4/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 1.384 $\pm$ 2.022 χ^2 /NDF: 11.3/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.182 $\pm$ 1.480 χ^2 /NDF: 17.5/17
 In: -1.203 $\pm$ 2.171 χ^2 /NDF:5.4/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.182 $\pm$ 1.480 χ^2 /NDF: 17.5/17

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.443+/-0.002 χ^2/NDF : 4107784.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.438+/-0.001 χ^2/NDF : 4945127.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

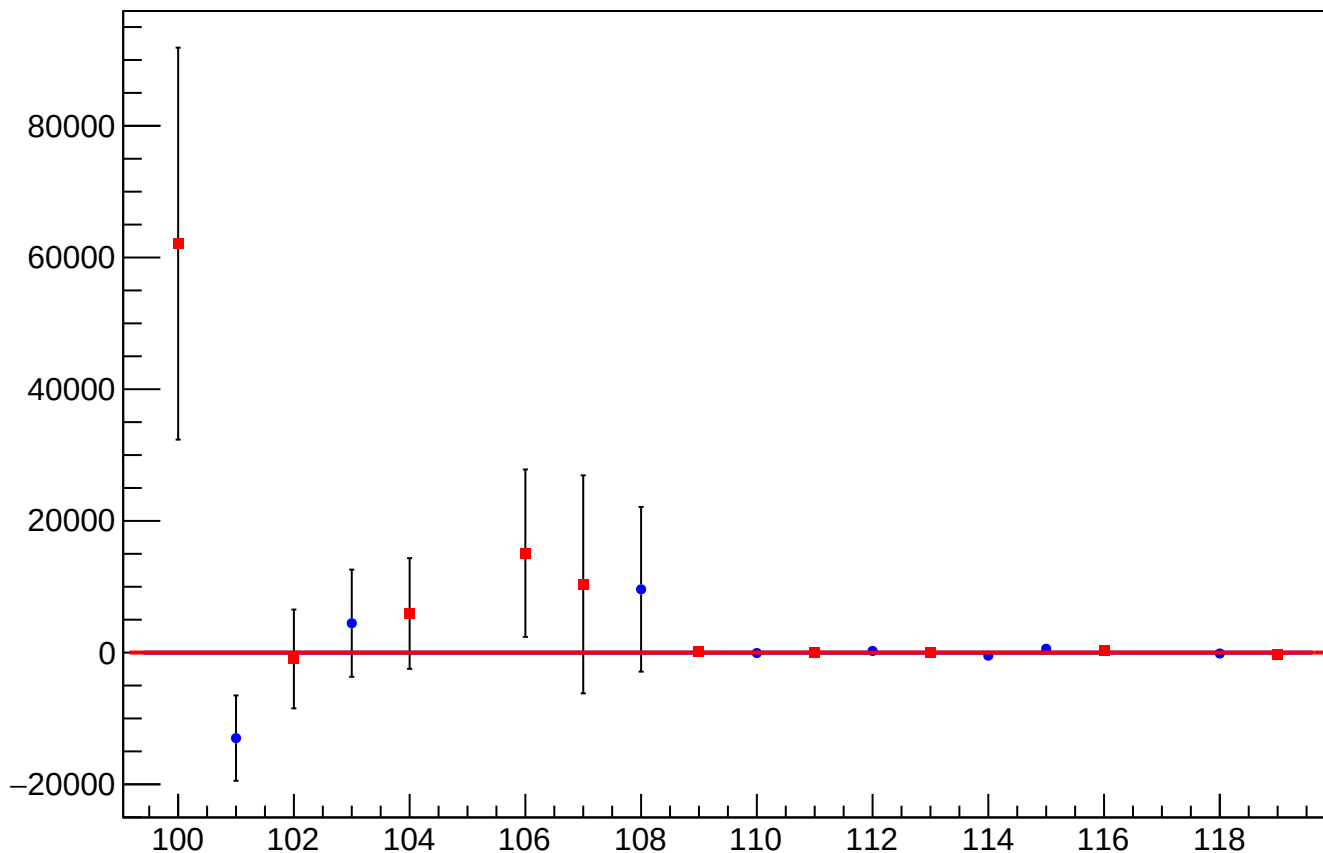
Right: 2.440+/-0.001 χ^2/NDF : 9052918.3/17

In: 2.443+/-0.002 χ^2/NDF : 4107784.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.440+/-0.001 χ^2/NDF : 9052918.3/17

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -12.646 $\pm$ 123.076 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.260 $\pm$ 107.422 χ^2 /NDF: 9.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

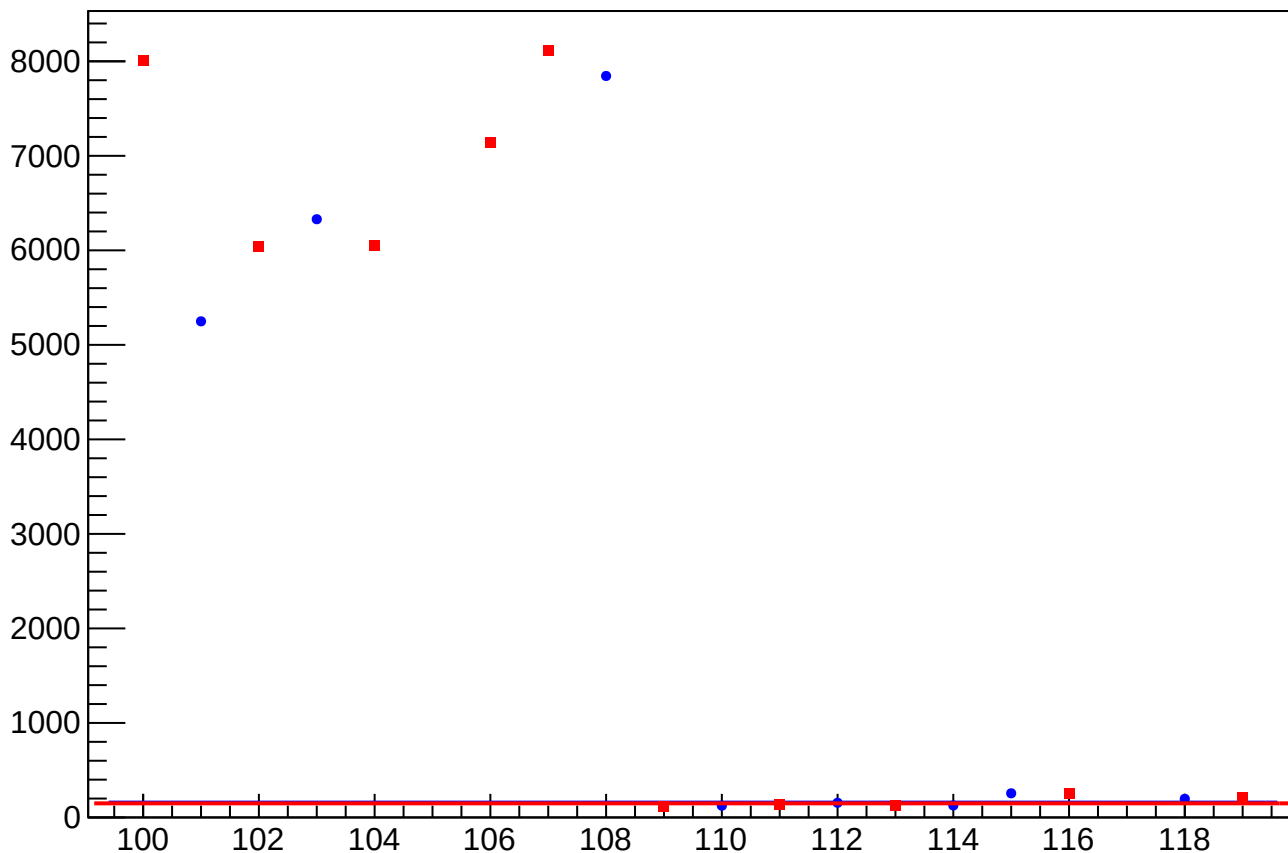
Right: -0.780 $\pm$ 80.931 χ^2 /NDF: 18.4/17

In: -12.646 $\pm$ 123.076 χ^2 /NDF: 8.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.780 $\pm$ 80.931 χ^2 /NDF: 18.4/17

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 156.981+/-0.087 χ^2/NDF : 3286997.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.296+/-0.076 χ^2/NDF : 3673898.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

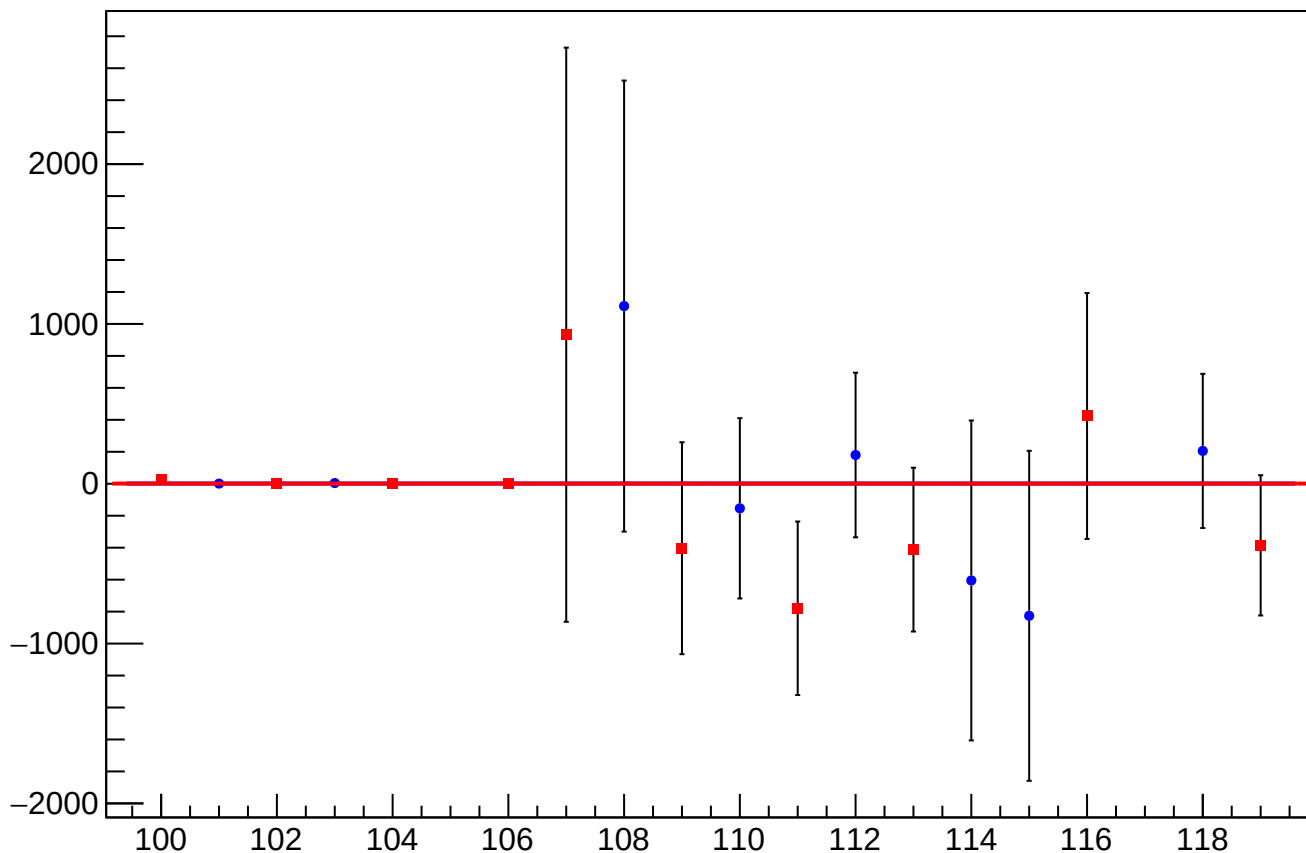
Right: 152.619+/-0.057 χ^2/NDF : 6965322.3/17

In: 156.981+/-0.087 χ^2/NDF :3286997.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 152.619+/-0.057 χ^2/NDF : 6965322.3/17

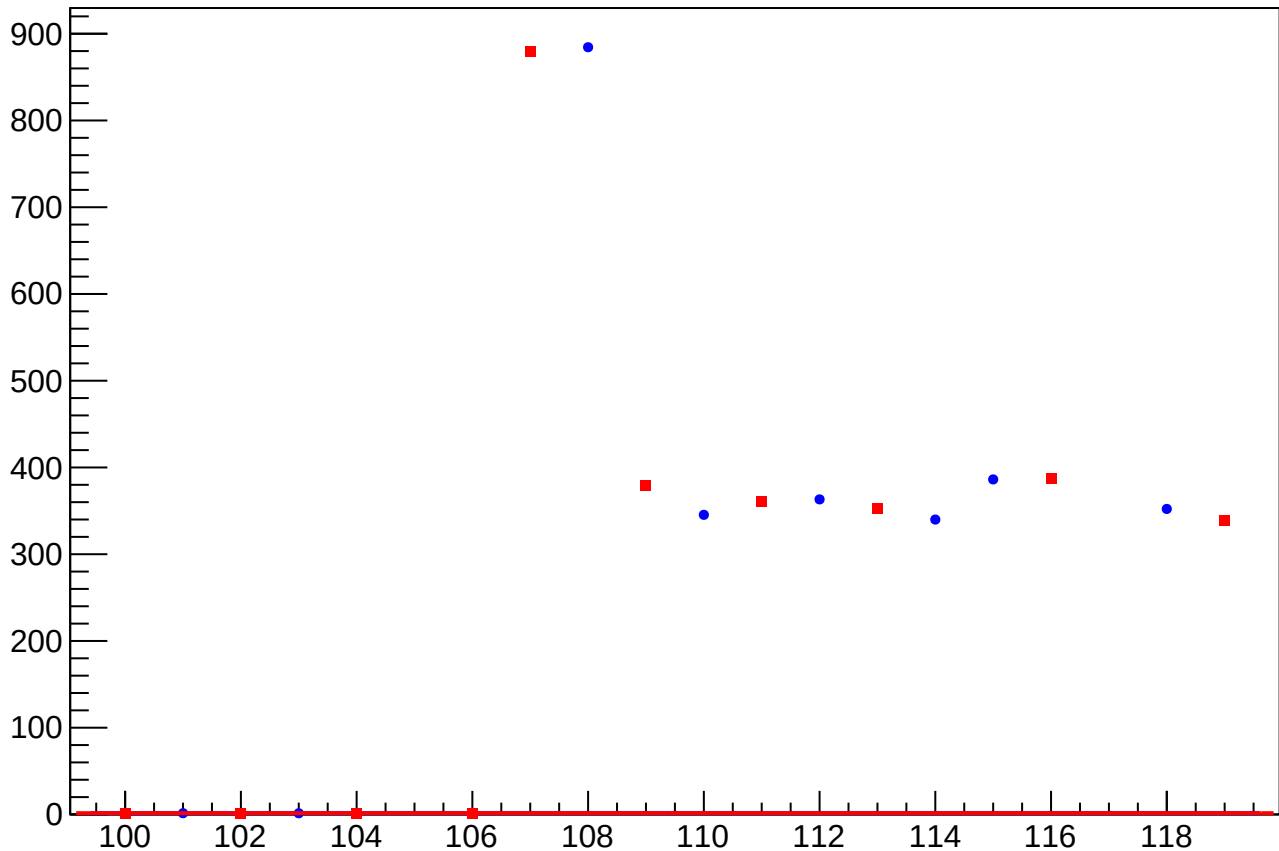
asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.444+/-1.660 χ^2/NDF : 2.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.099+/-1.528 χ^2/NDF : 6.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.257+/-1.124 χ^2/NDF : 9.4/17
 In: 1.444+/-1.660 χ^2/NDF : 2.4/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.257+/-1.124 χ^2/NDF : 9.4/17

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.443+/-0.001 χ^2/NDF : 4078346.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.447+/-0.001 χ^2/NDF : 4627354.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

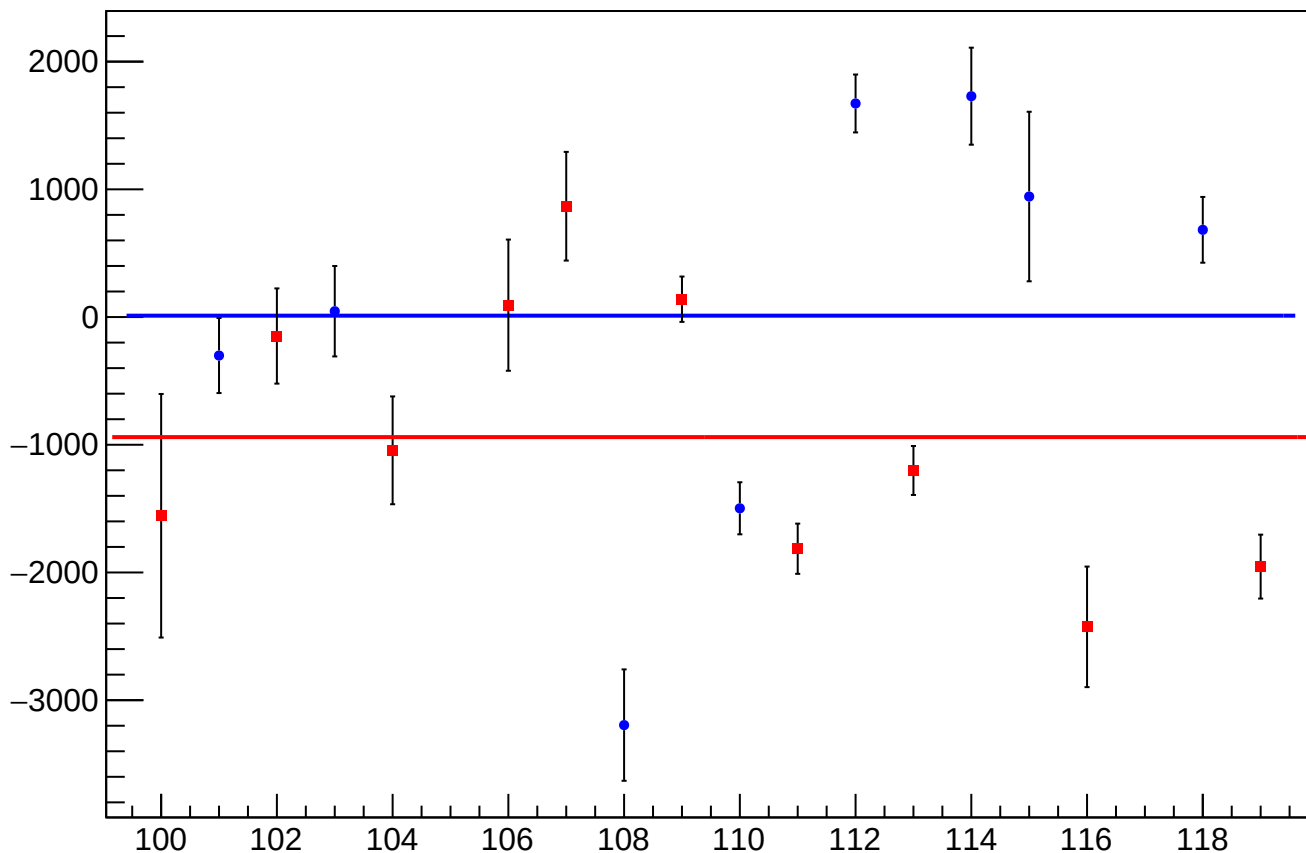
Right: 1.446+/-0.001 χ^2/NDF : 8705707.0/17

In: 1.443+/-0.001 χ^2/NDF : 4078346.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.446+/-0.001 χ^2/NDF : 8705707.0/17

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: 10.796+/-103.893 χ^2/NDF : 192.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -940.052+/-88.199 χ^2/NDF : 112.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

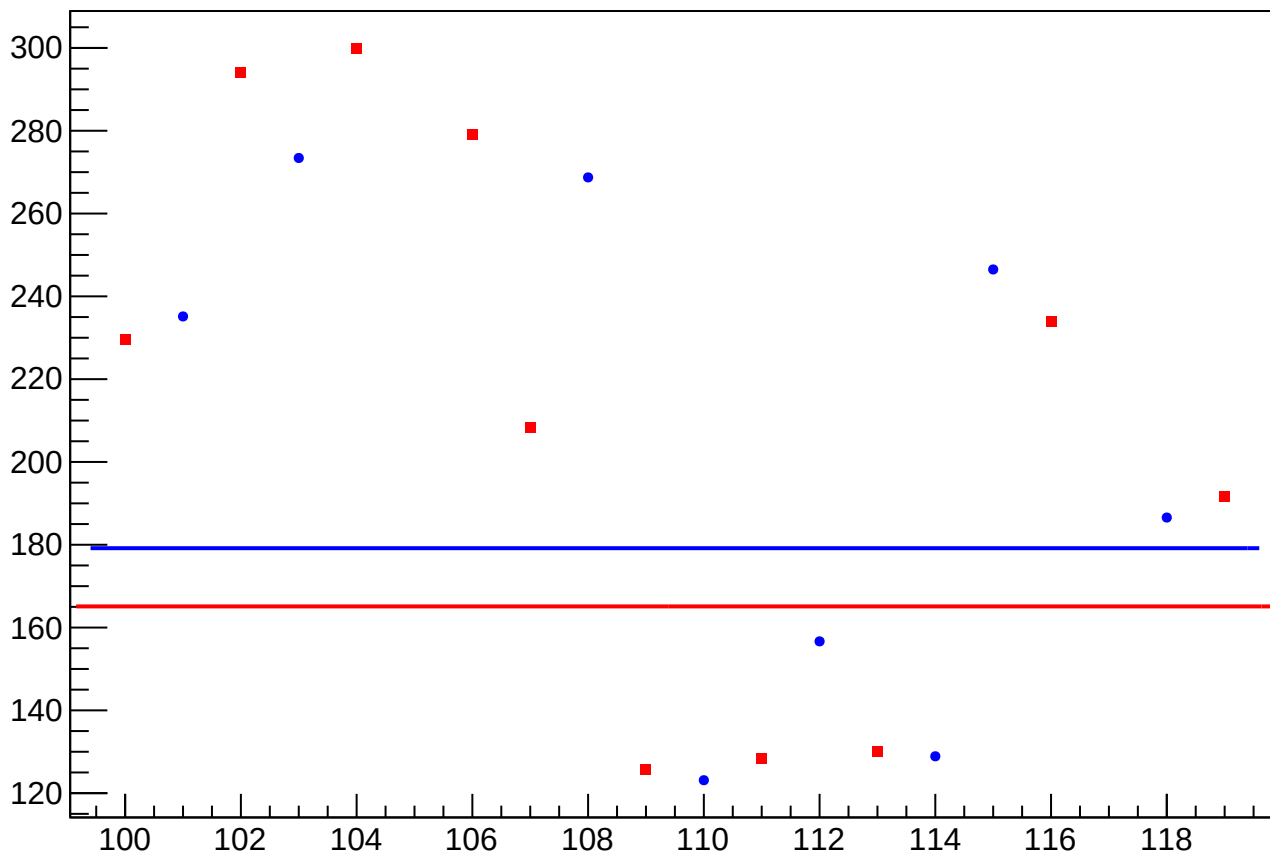
Right: -541.796+/-67.238 χ^2/NDF : 353.7/17

In: 10.796+/-103.893 χ^2/NDF : 192.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.796+/-67.238 χ^2/NDF : 353.7/17

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 179.171+/-0.073 χ^2/NDF : 526864.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.107+/-0.062 χ^2/NDF : 872382.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

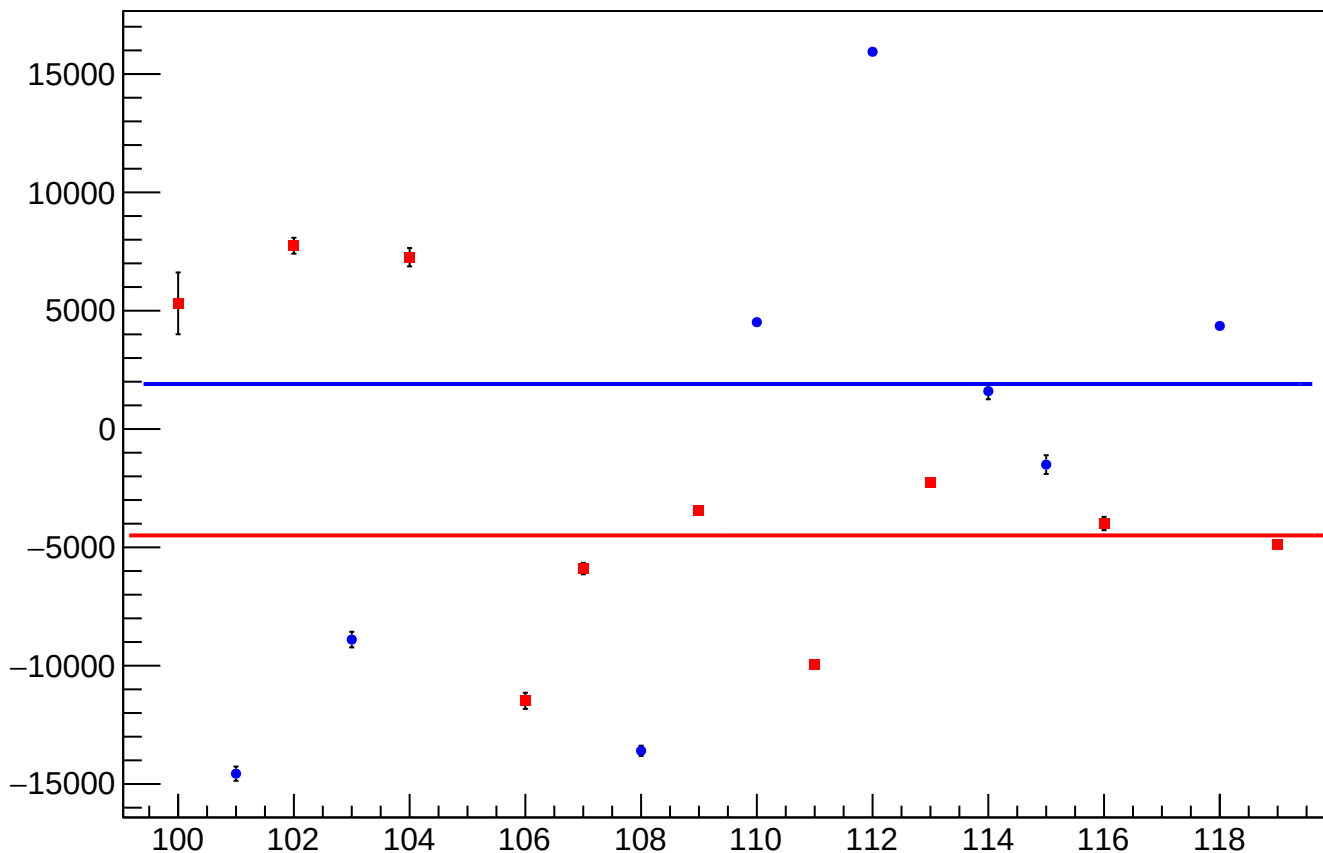
Right: 170.998+/-0.048 χ^2/NDF : 1420545.7/17

In: 179.171+/-0.073 χ^2/NDF : 526864.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.998+/-0.048 χ^2/NDF : 1420545.7/17

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1903.123+/-79.352 χ^2/NDF : 16327.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4495.526+/-69.852 χ^2/NDF : 4220.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

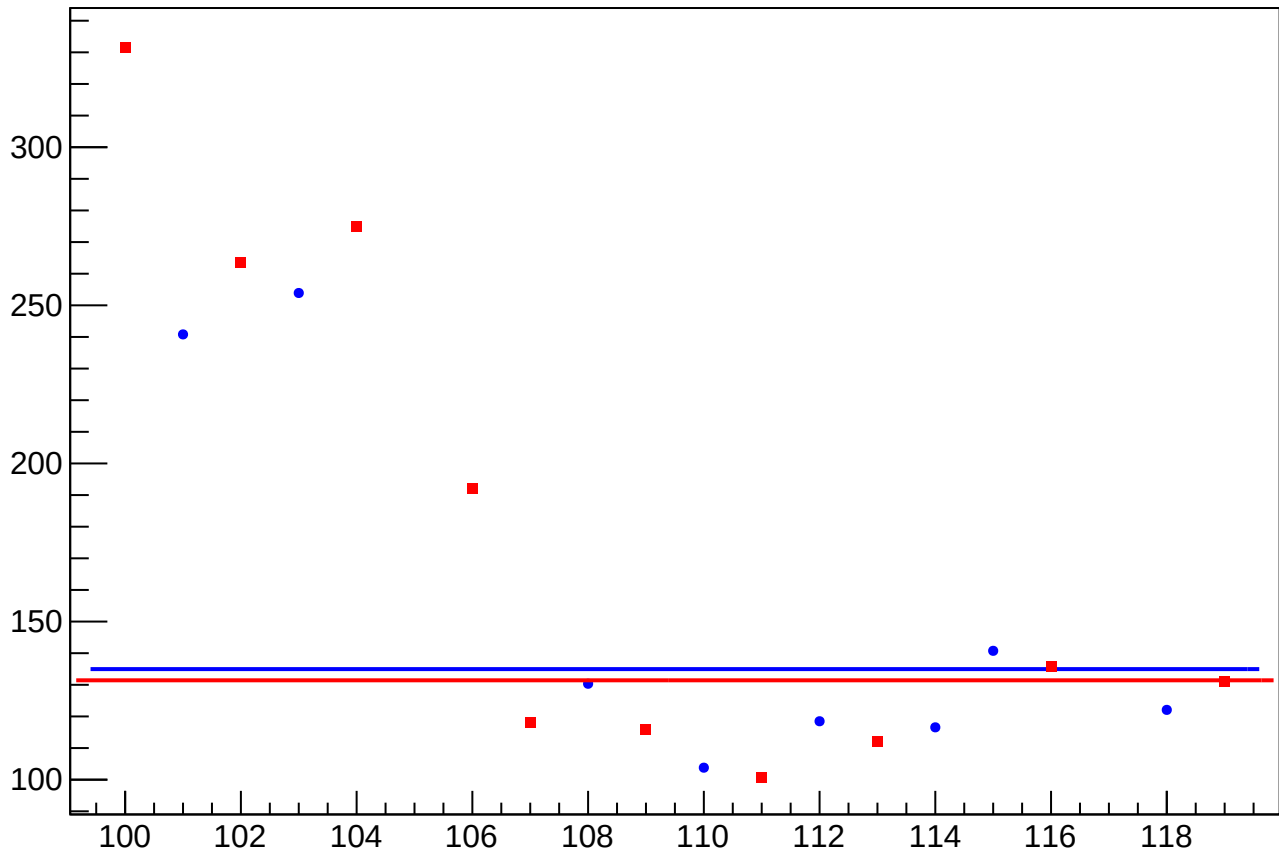
Right: -1701.981+/-52.431 χ^2/NDF : 24210.7/17

In: 1903.123+/-79.352 χ^2/NDF : 16327.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1701.981+/-52.431 χ^2/NDF : 24210.7/17

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.968+/-0.056 χ^2/NDF : 609409.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.423+/-0.049 χ^2/NDF : 820811.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

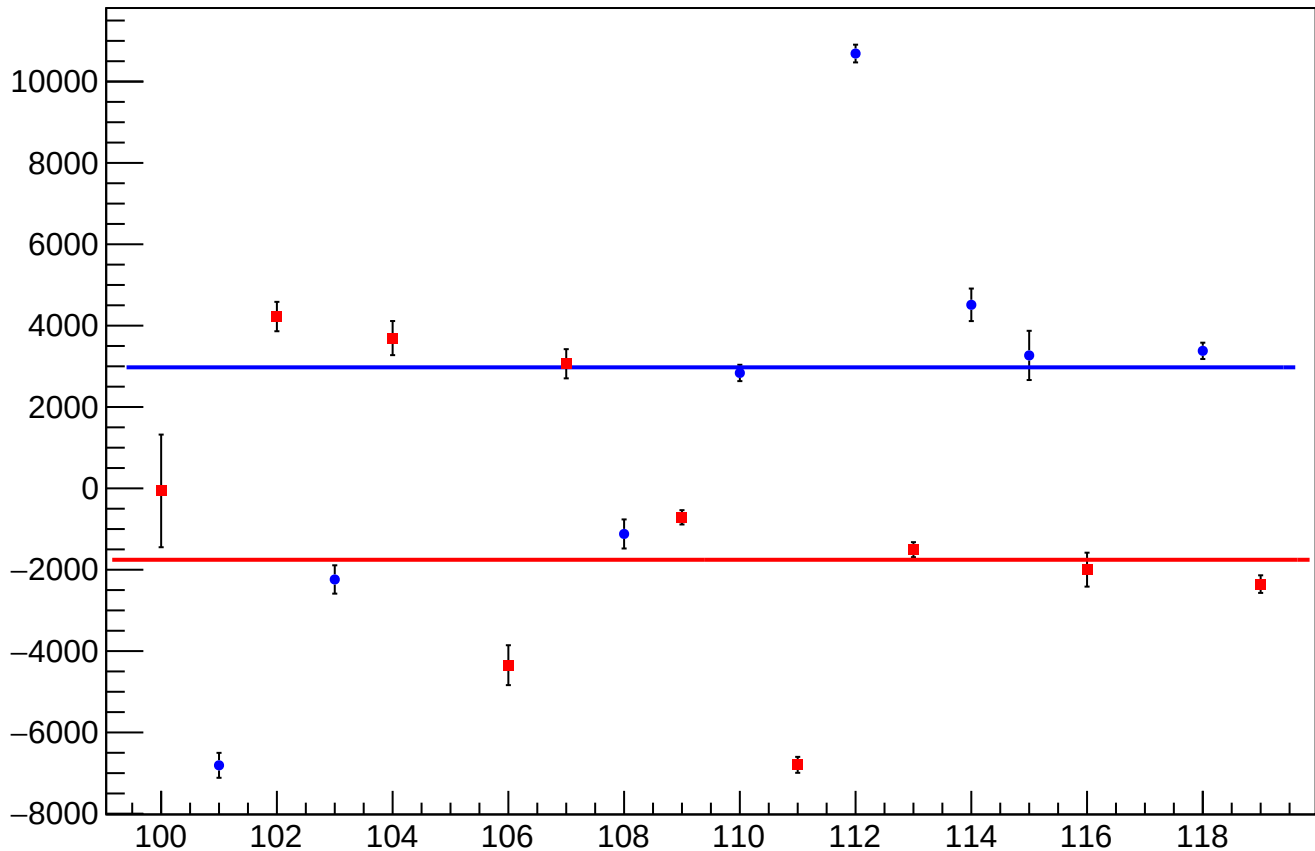
Right: 132.971+/-0.037 χ^2/NDF : 1432468.9/17

In: 134.968+/-0.056 χ^2/NDF : 609409.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.971+/-0.037 χ^2/NDF : 1432468.9/17

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2975.207+/-96.952 χ^2/NDF : 2644.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1755.384+/-84.359 χ^2/NDF : 1358.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

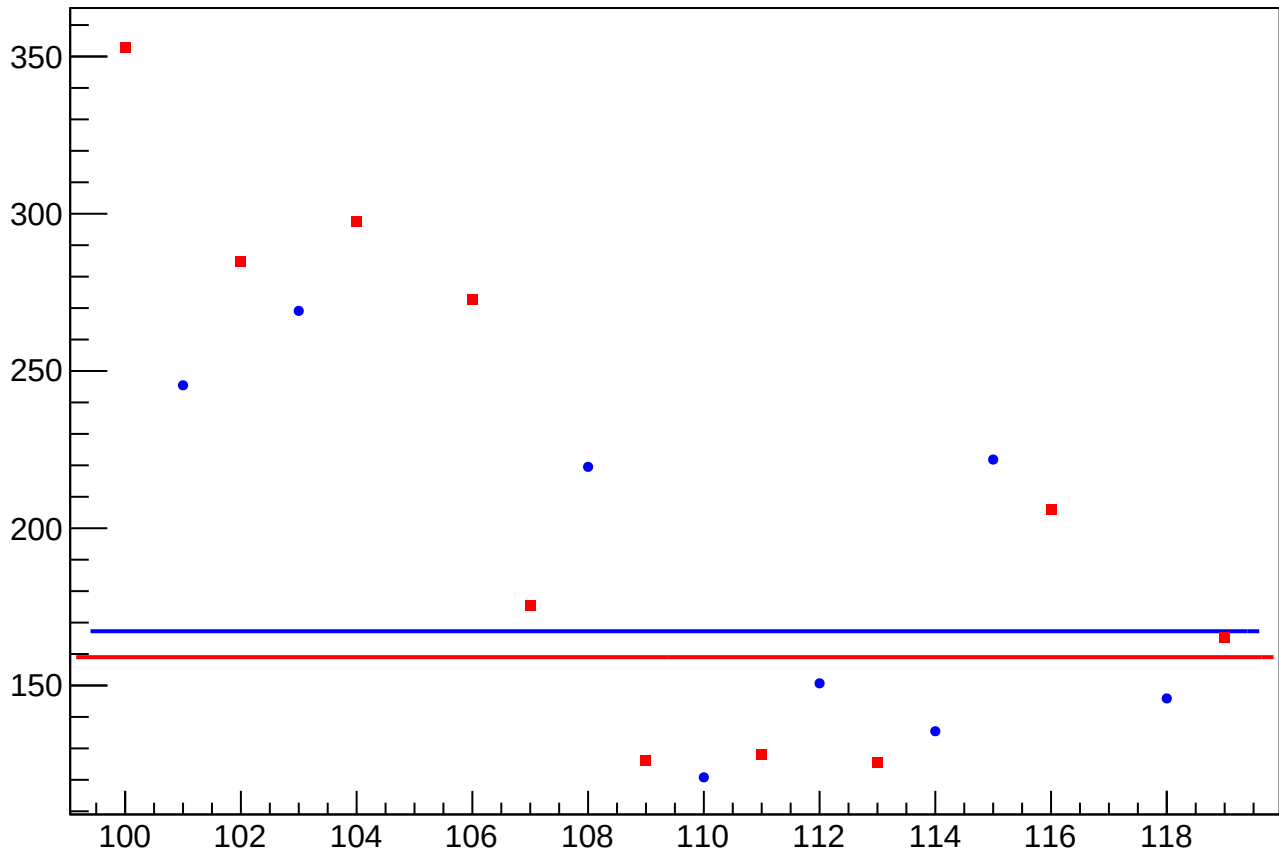
Right: 282.923+/-63.641 χ^2/NDF : 5358.3/17

In: 2975.207+/-96.952 χ^2/NDF : 2644.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.923+/-63.641 χ^2/NDF : 5358.3/17

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 167.252+/-0.069 χ^2/NDF : 514336.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.009+/-0.060 χ^2/NDF : 825835.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

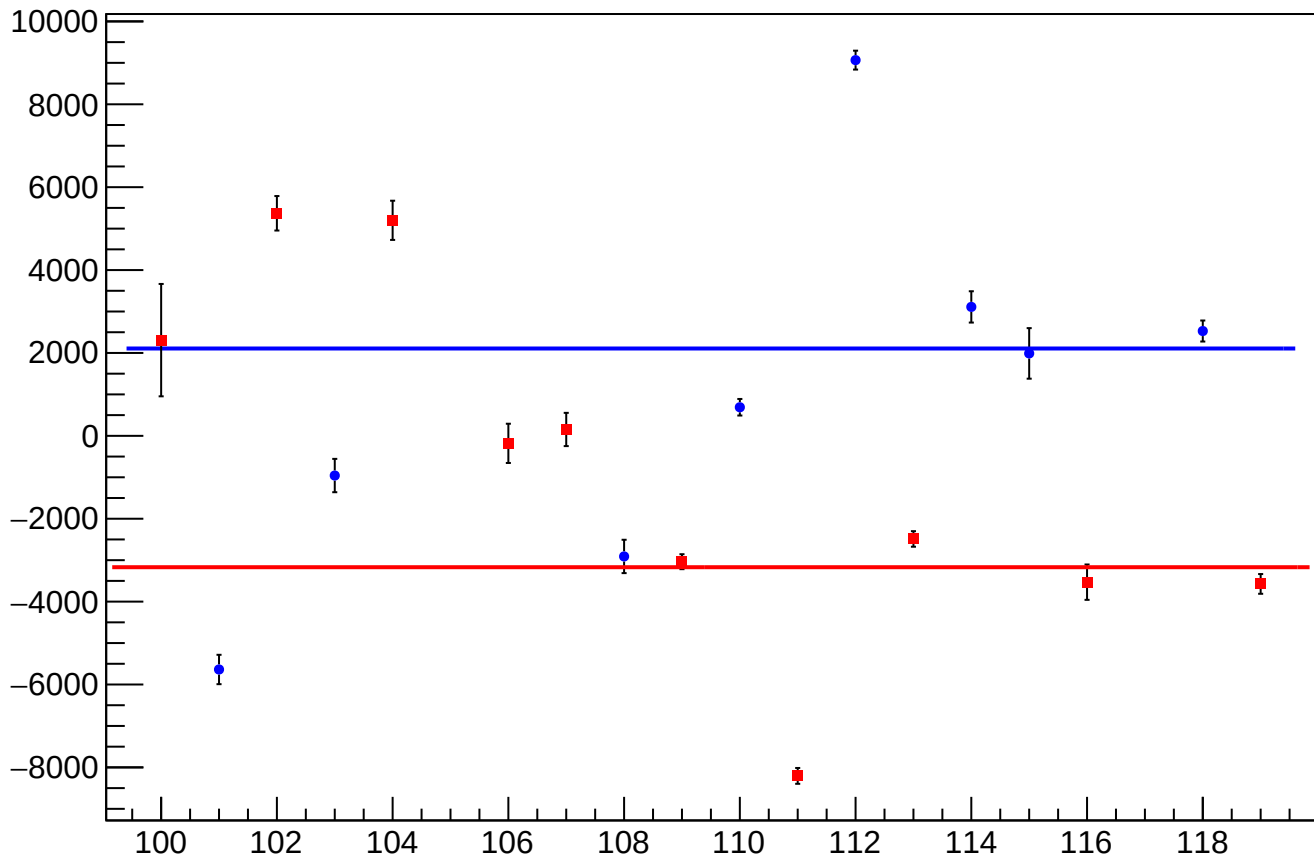
Right: 162.560+/-0.045 χ^2/NDF : 1348400.7/17

In: 167.252+/-0.069 χ^2/NDF : 514336.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.560+/-0.045 χ^2/NDF : 1348400.7/17

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2107.451+/-105.480 χ^2/NDF : 1683.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3169.821+/-87.316 χ^2/NDF : 1572.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

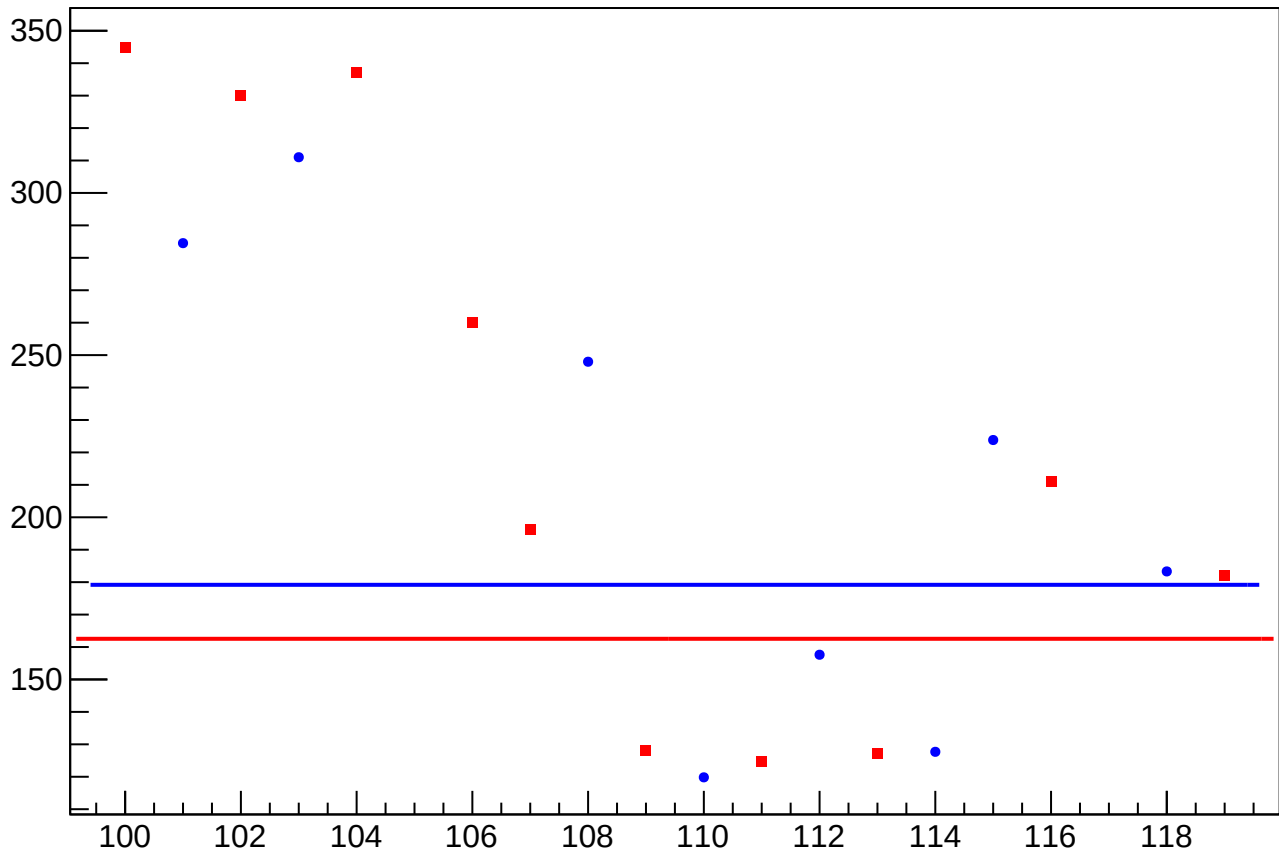
Right: -1023.984+/-67.261 χ^2/NDF : 4741.1/17

In: 2107.451+/-105.480 χ^2/NDF : 1683.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.984+/-67.261 χ^2/NDF : 4741.1/17

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.179+/-0.075 χ^2/NDF : 693016.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.537+/-0.062 χ^2/NDF : 993754.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

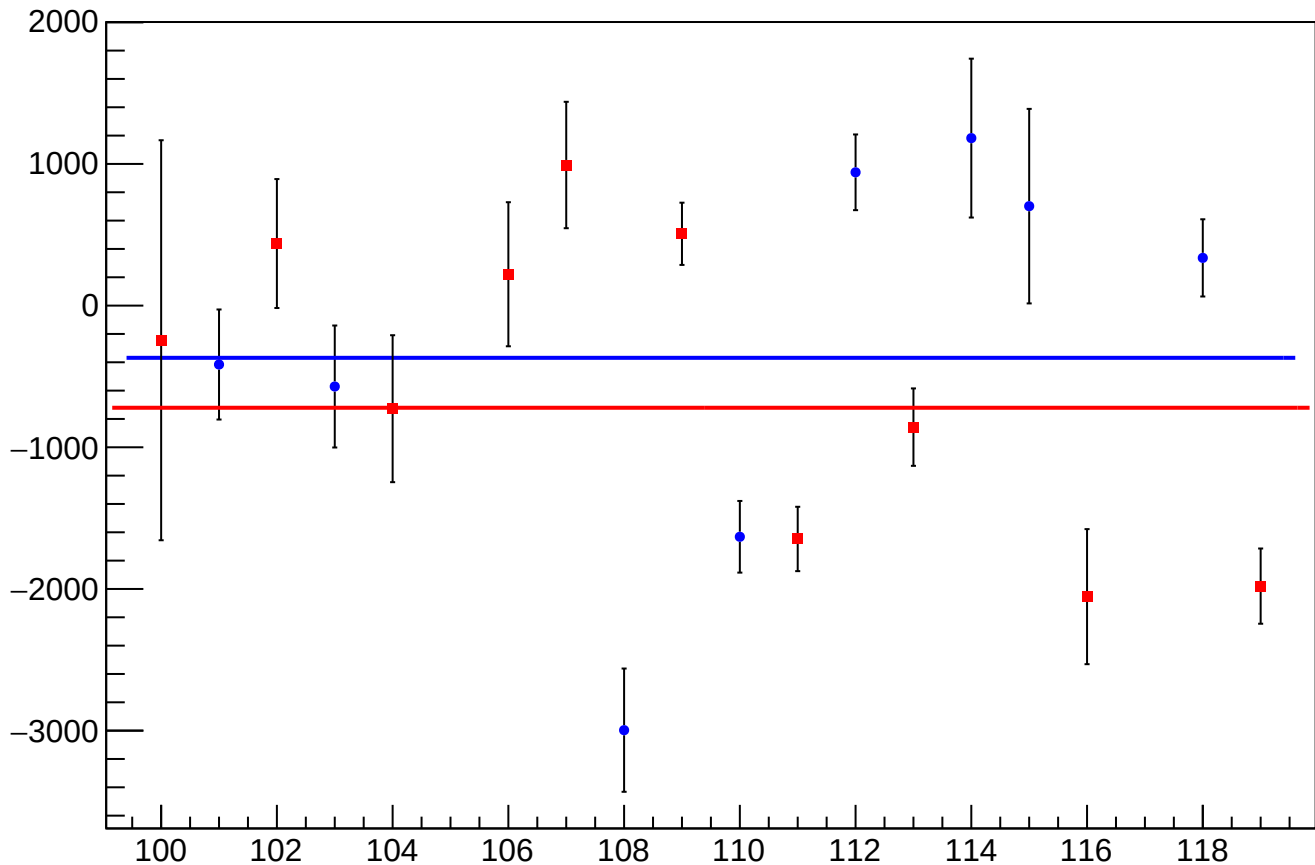
Right: 169.304+/-0.048 χ^2/NDF : 1716314.8/17

In: 179.179+/-0.075 χ^2/NDF : 693016.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.304+/-0.048 χ^2/NDF : 1716314.8/17

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -368.508+/-123.351 χ^2 /NDF: 102.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -720.980+/-105.384 χ^2 /NDF: 103.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

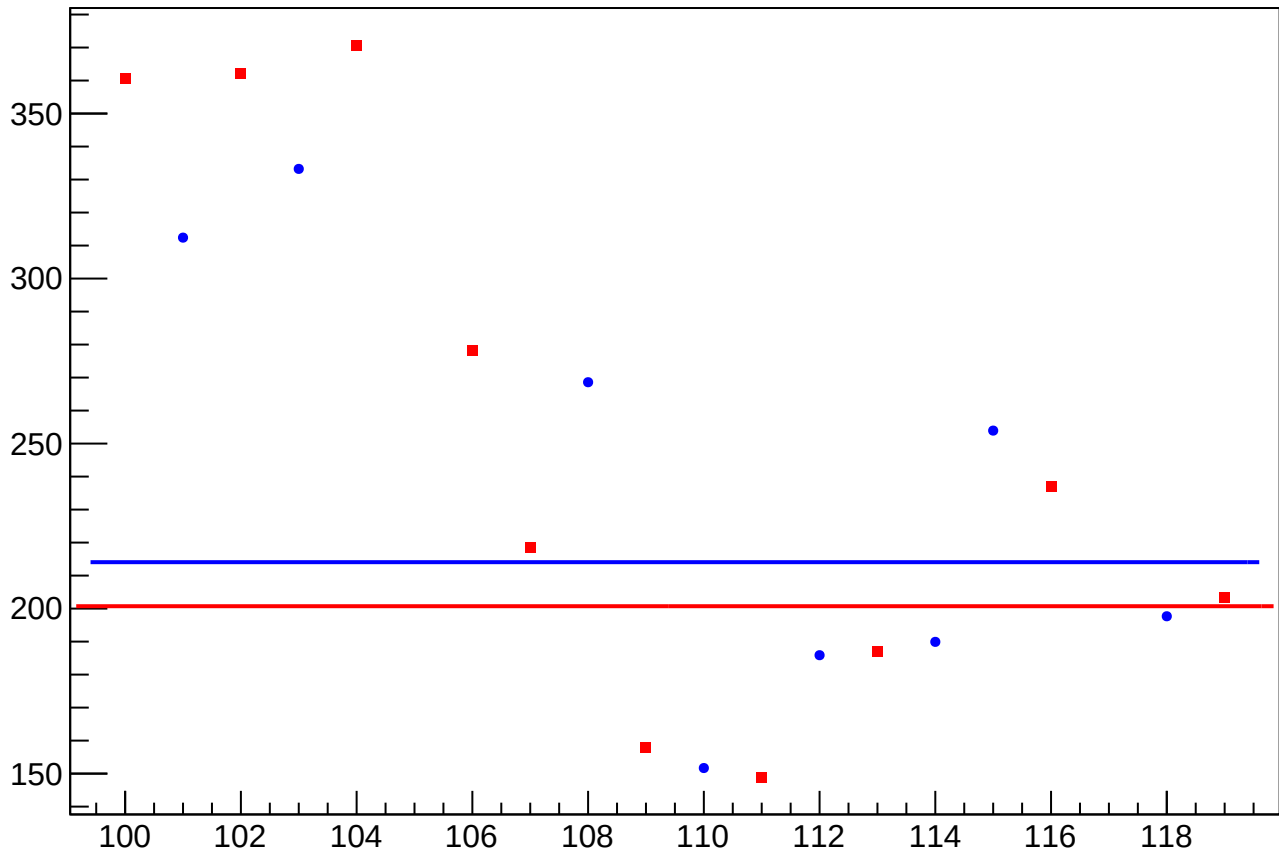
Right: -572.261+/-80.124 χ^2 /NDF: 210.4/17

In: -368.508+/-123.351 χ^2 /NDF:102.5/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -572.261+/-80.124 χ^2 /NDF: 210.4/17

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 214.064+/-0.087 χ^2/NDF : 474495.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.722+/-0.075 χ^2/NDF : 737513.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

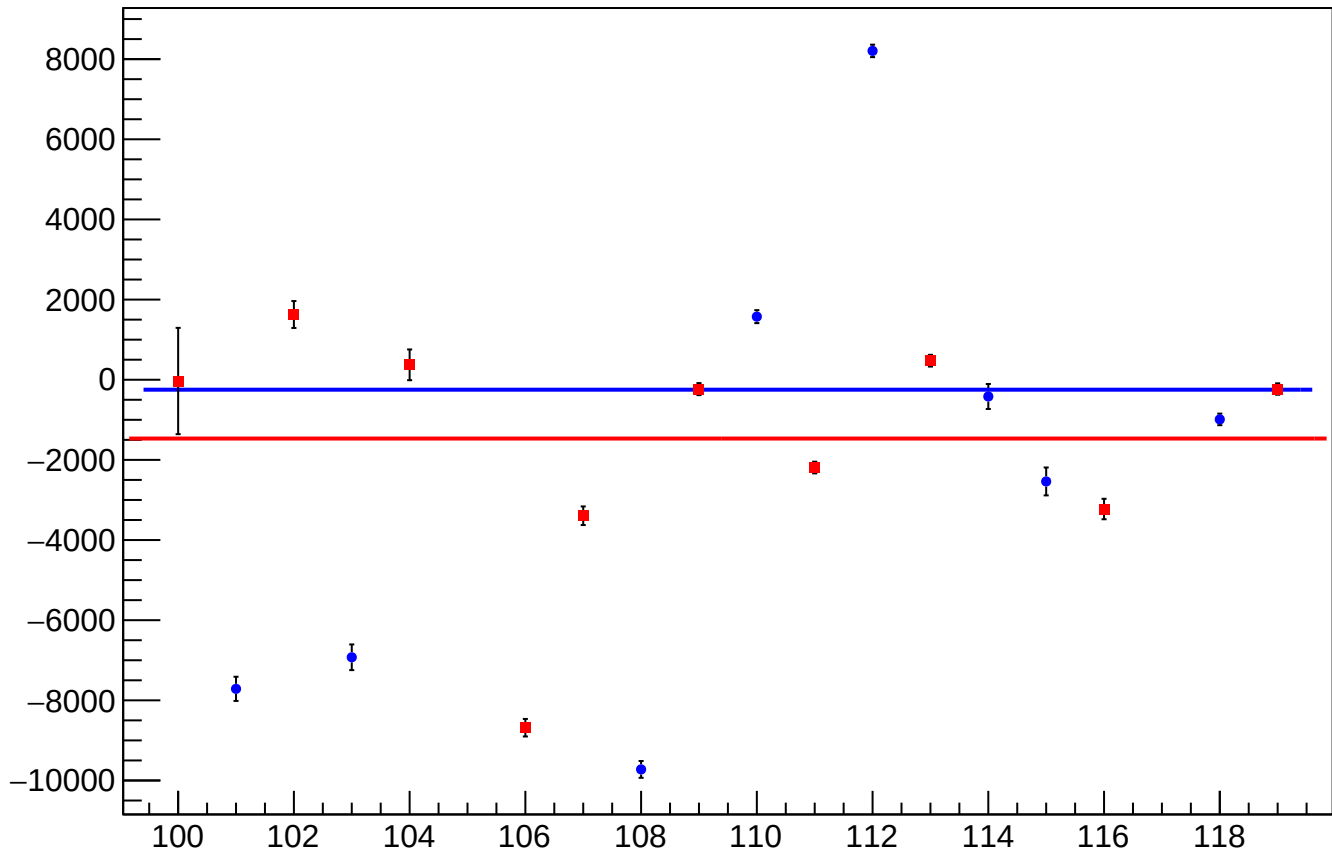
Right: 206.351+/-0.057 χ^2/NDF : 1225534.1/17

In: 214.064+/-0.087 χ^2/NDF : 474495.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.351+/-0.057 χ^2/NDF : 1225534.1/17

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -248.400+/-72.661 χ^2/NDF : 6239.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.325+/-62.193 χ^2/NDF : 1655.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

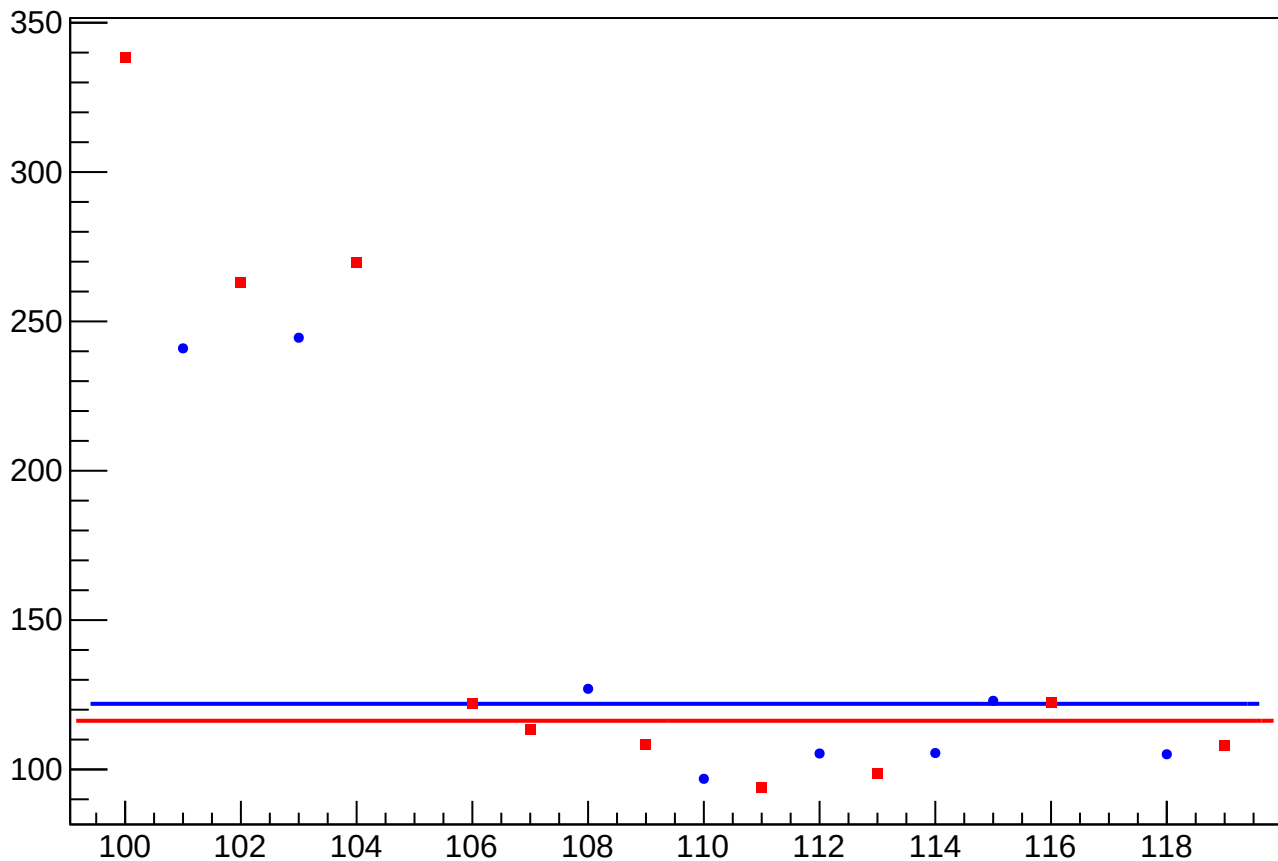
Right: -951.910+/-47.249 χ^2/NDF : 8057.3/17

In: -248.400+/-72.661 χ^2/NDF : 6239.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -951.910+/-47.249 χ^2/NDF : 8057.3/17

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 121.968 $\pm$ 0.051 χ^2 /NDF: 708485.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.300 $\pm$ 0.044 χ^2 /NDF: 850391.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

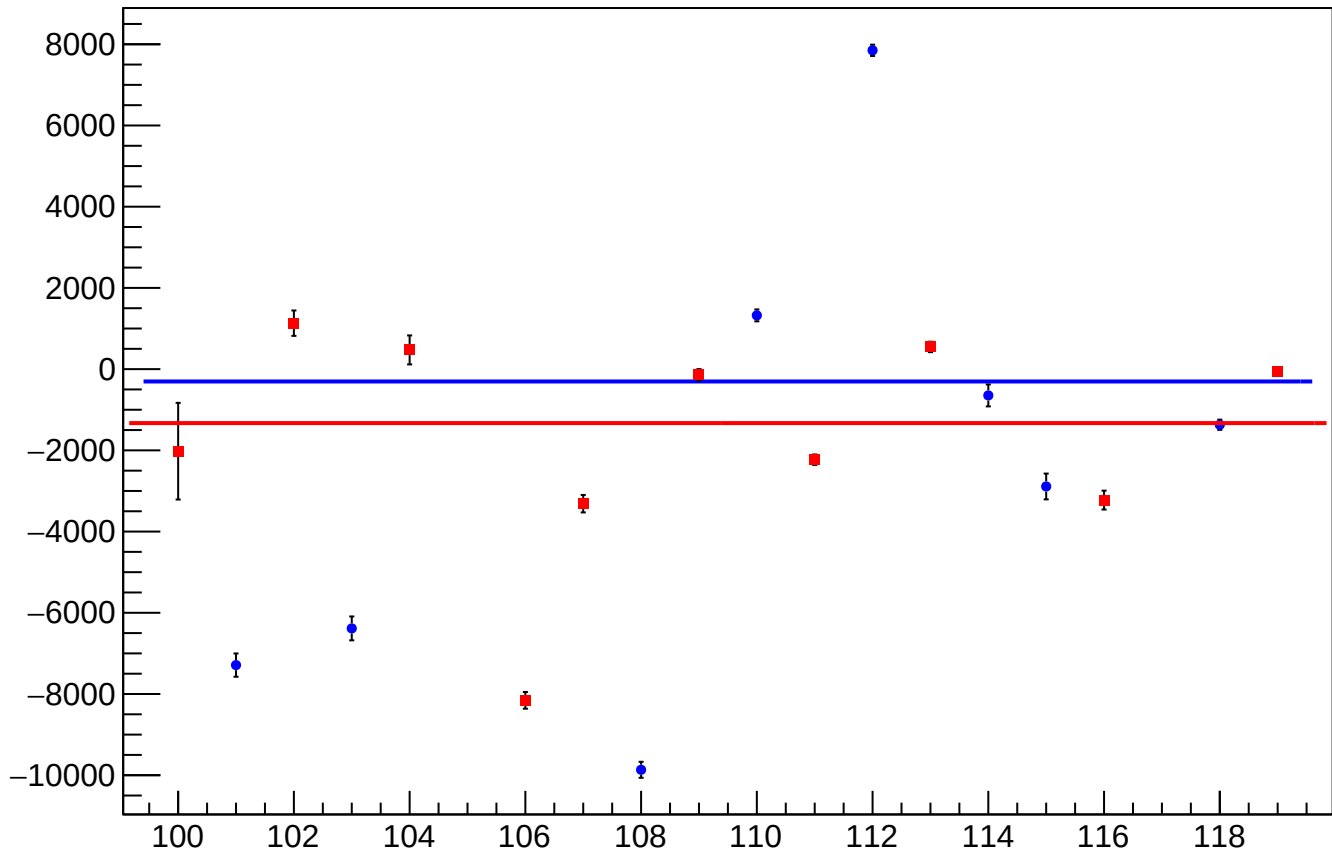
Right: 118.697 $\pm$ 0.033 χ^2 /NDF: 1565900.1/17

In: 121.968 $\pm$ 0.051 χ^2 /NDF: 708485.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.697 $\pm$ 0.033 χ^2 /NDF: 1565900.1/17

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -303.838+/-65.272 χ^2/NDF : 7092.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1328.682+/-56.088 χ^2/NDF : 1781.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

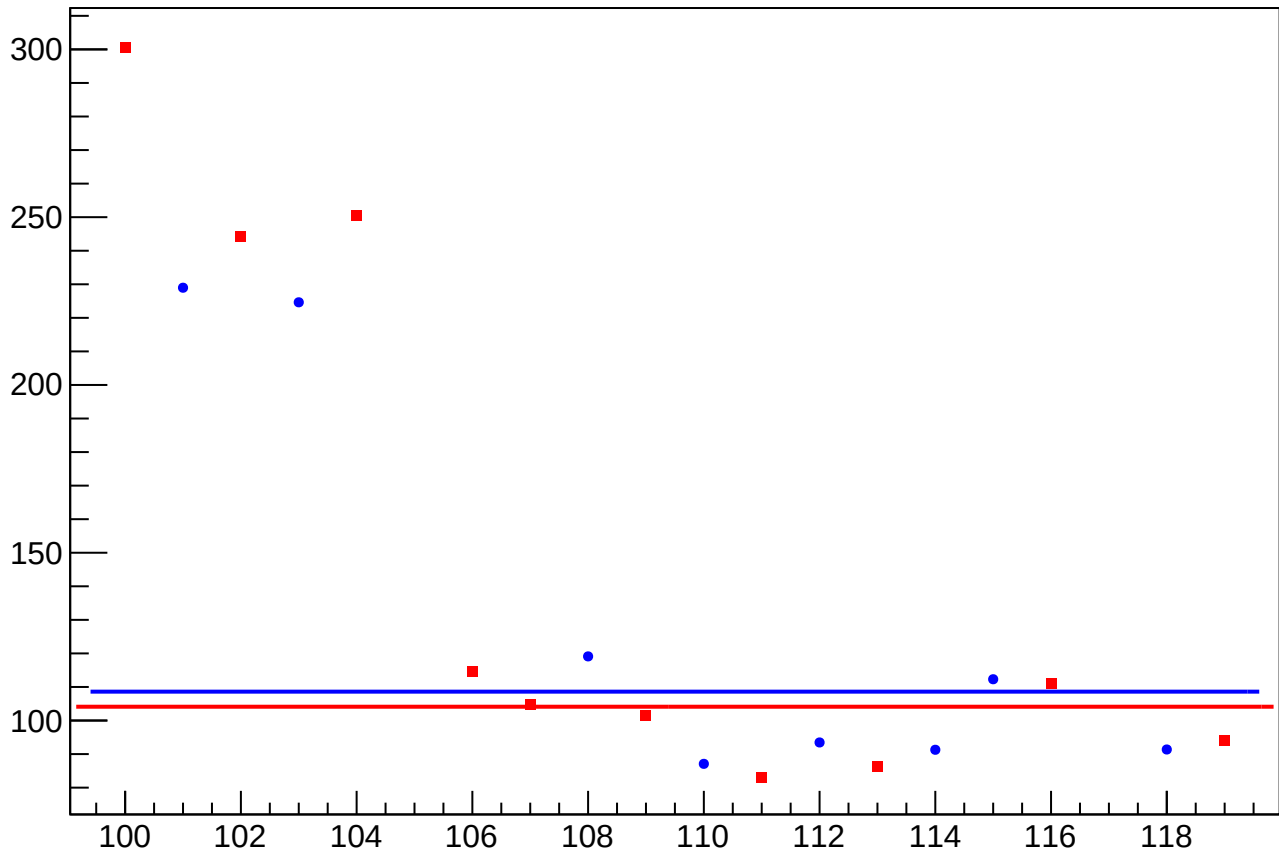
Right: -893.372+/-42.540 χ^2/NDF : 9015.8/17

In: -303.838+/-65.272 χ^2/NDF : 7092.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -893.372+/-42.540 χ^2/NDF : 9015.8/17

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 108.606 $\pm$ 0.046 χ^2 /NDF: 782504.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.115 $\pm$ 0.040 χ^2 /NDF: 905739.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

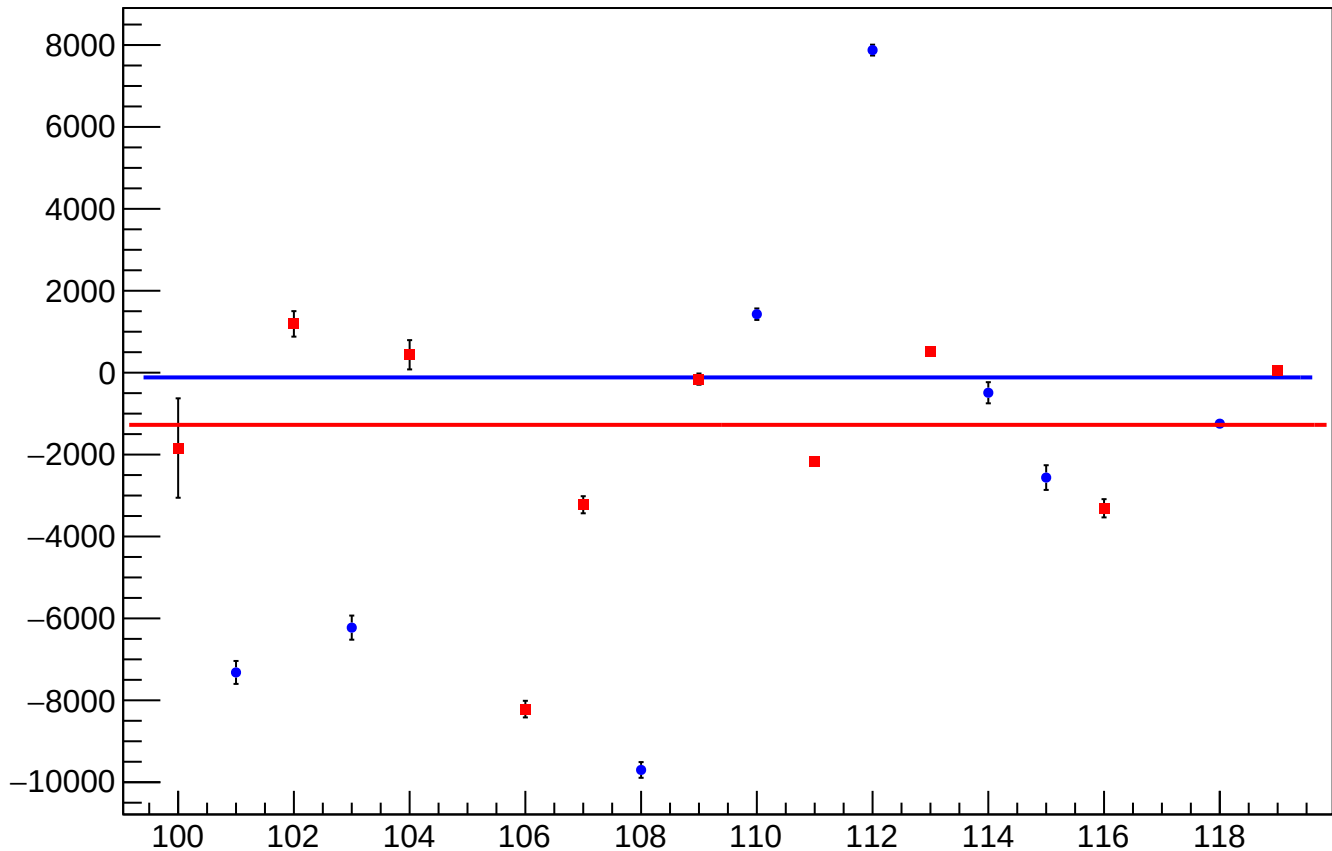
Right: 106.023 $\pm$ 0.030 χ^2 /NDF: 1693690.1/17

In: 108.606 $\pm$ 0.046 χ^2 /NDF: 782504.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.023 $\pm$ 0.030 χ^2 /NDF: 1693690.1/17

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -115.852+/-62.733 χ^2/NDF : 7494.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.203+/-53.614 χ^2/NDF : 1895.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

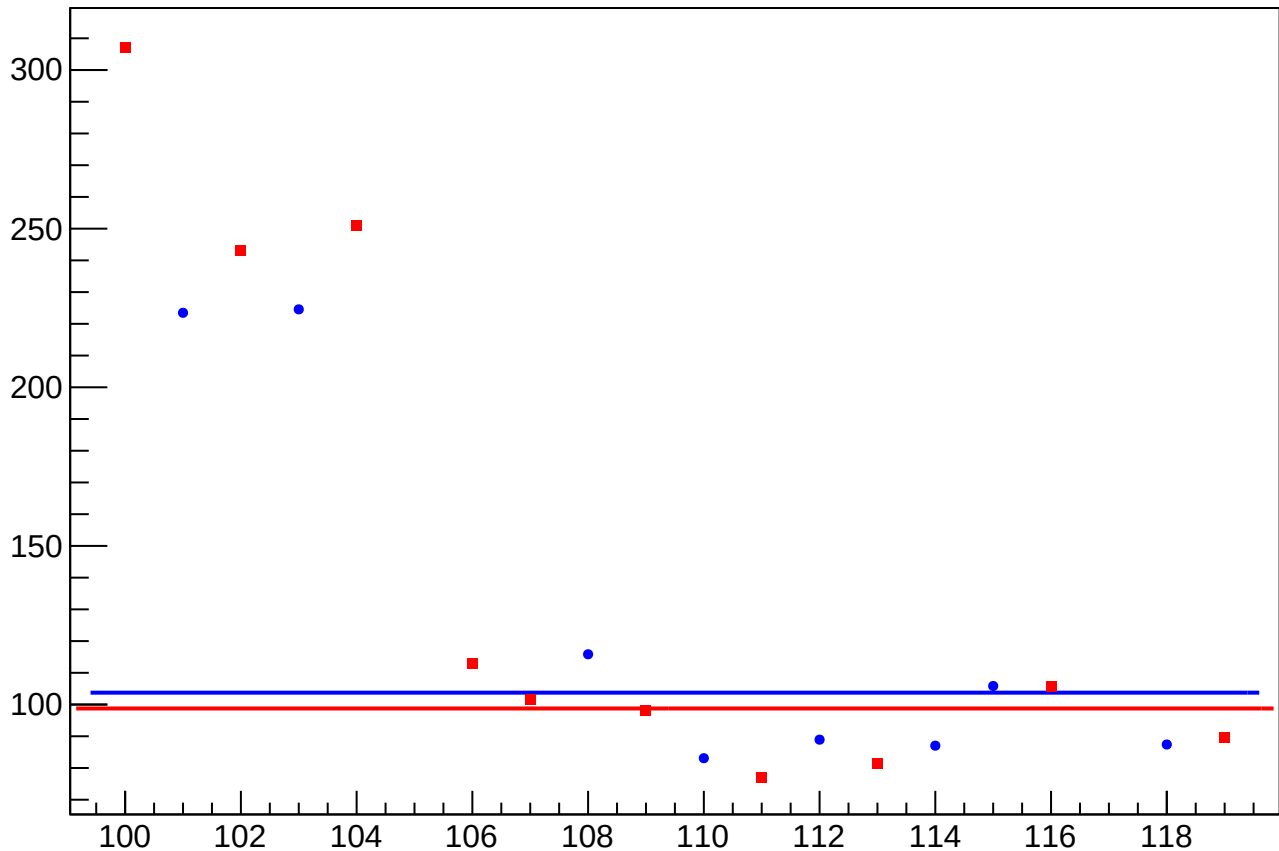
Right: -785.266+/-40.757 χ^2/NDF : 9586.9/17

In: -115.852+/-62.733 χ^2/NDF : 7494.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -785.266+/-40.757 χ^2/NDF : 9586.9/17

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 103.745+/-0.044 χ^2/NDF : 823587.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.757+/-0.038 χ^2/NDF : 983104.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

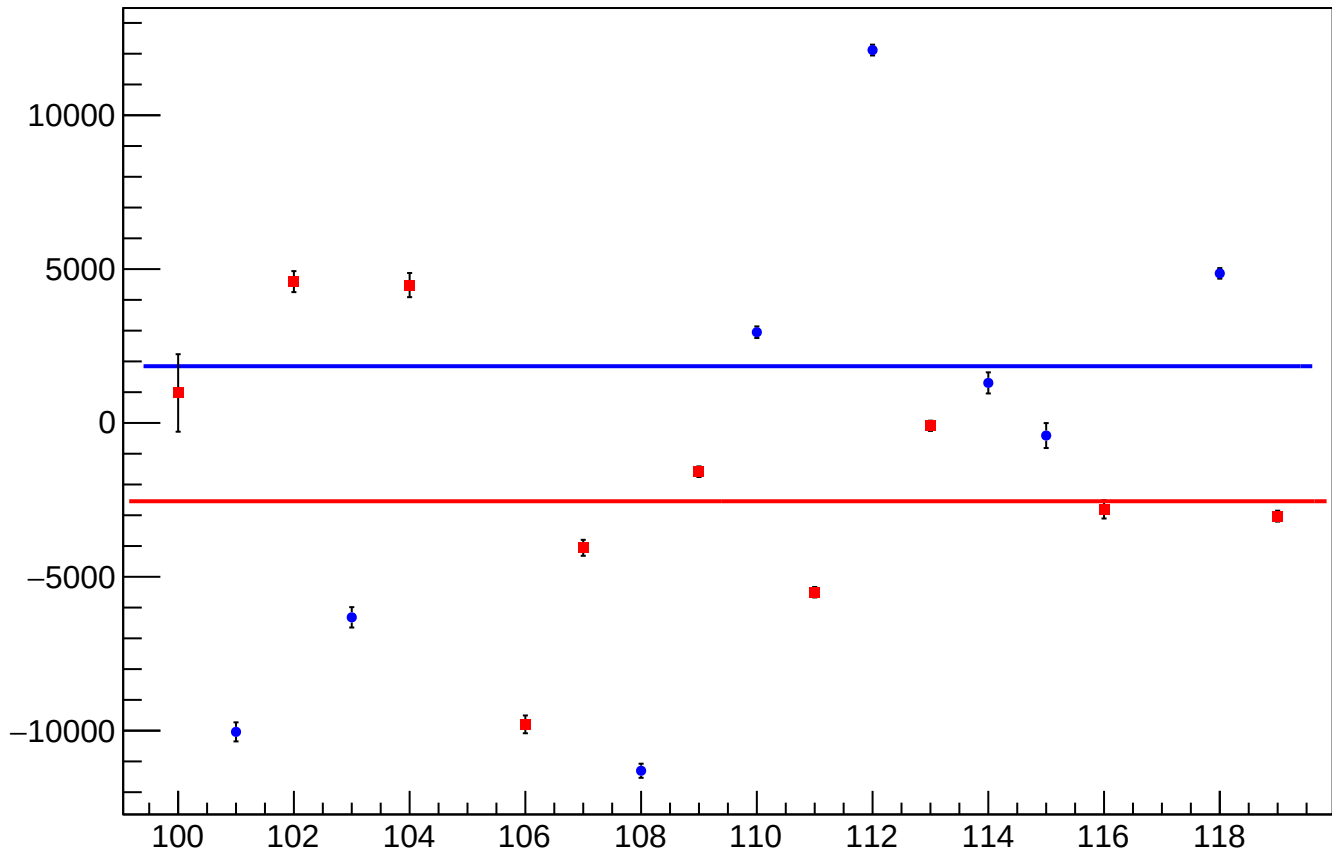
Right: 100.862+/-0.029 χ^2/NDF : 1814000.2/17

In: 103.745+/-0.044 χ^2/NDF : 823587.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.862+/-0.029 χ^2/NDF : 1814000.2/17

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 1843.812+/-82.275 χ^2/NDF : 9171.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2544.585+/-72.414 χ^2/NDF : 1989.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

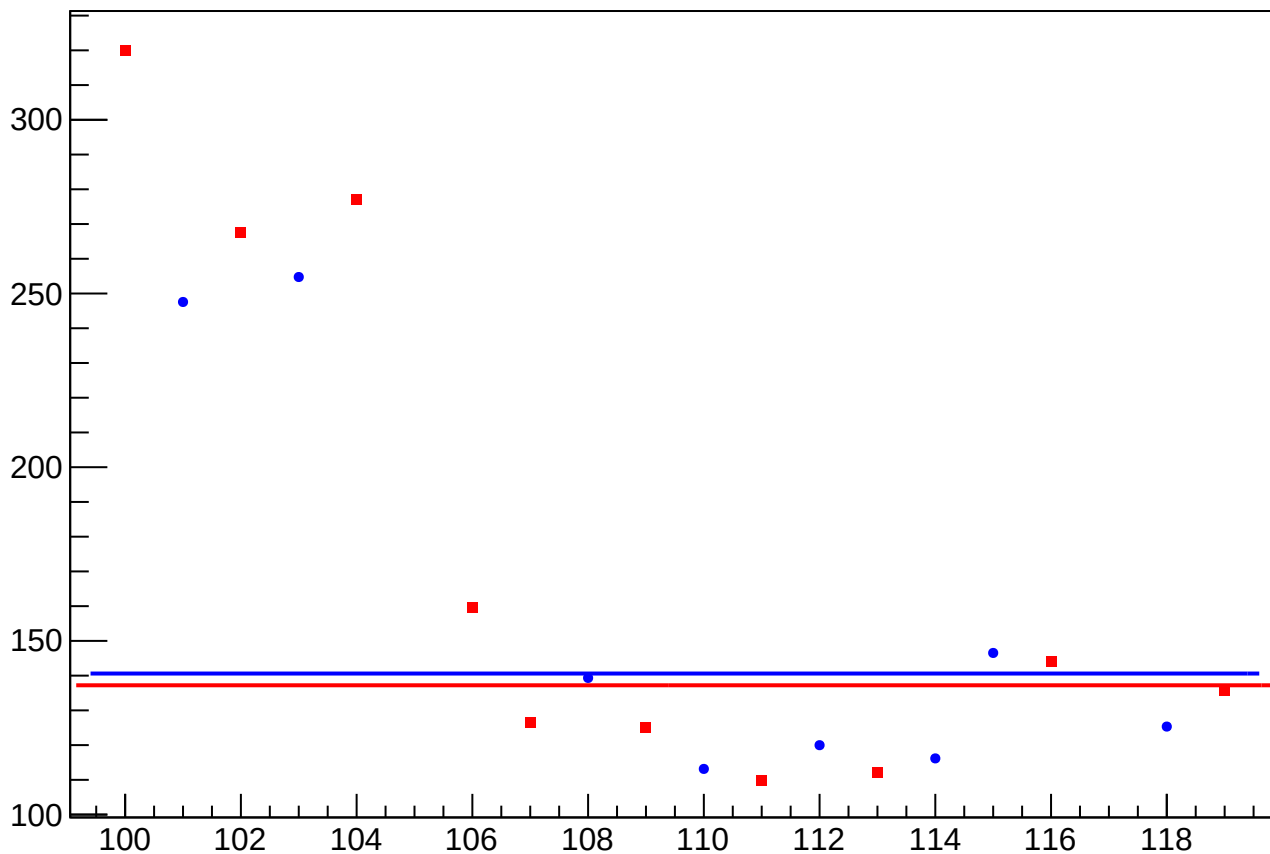
Right: -629.001+/-54.358 χ^2/NDF : 12764.2/17

In: 1843.812+/-82.275 χ^2/NDF : 9171.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.001+/-54.358 χ^2/NDF : 12764.2/17

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 140.604 $\pm$ 0.058 χ^2 /NDF: 572915.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 137.222 $\pm$ 0.051 χ^2 /NDF: 710749.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

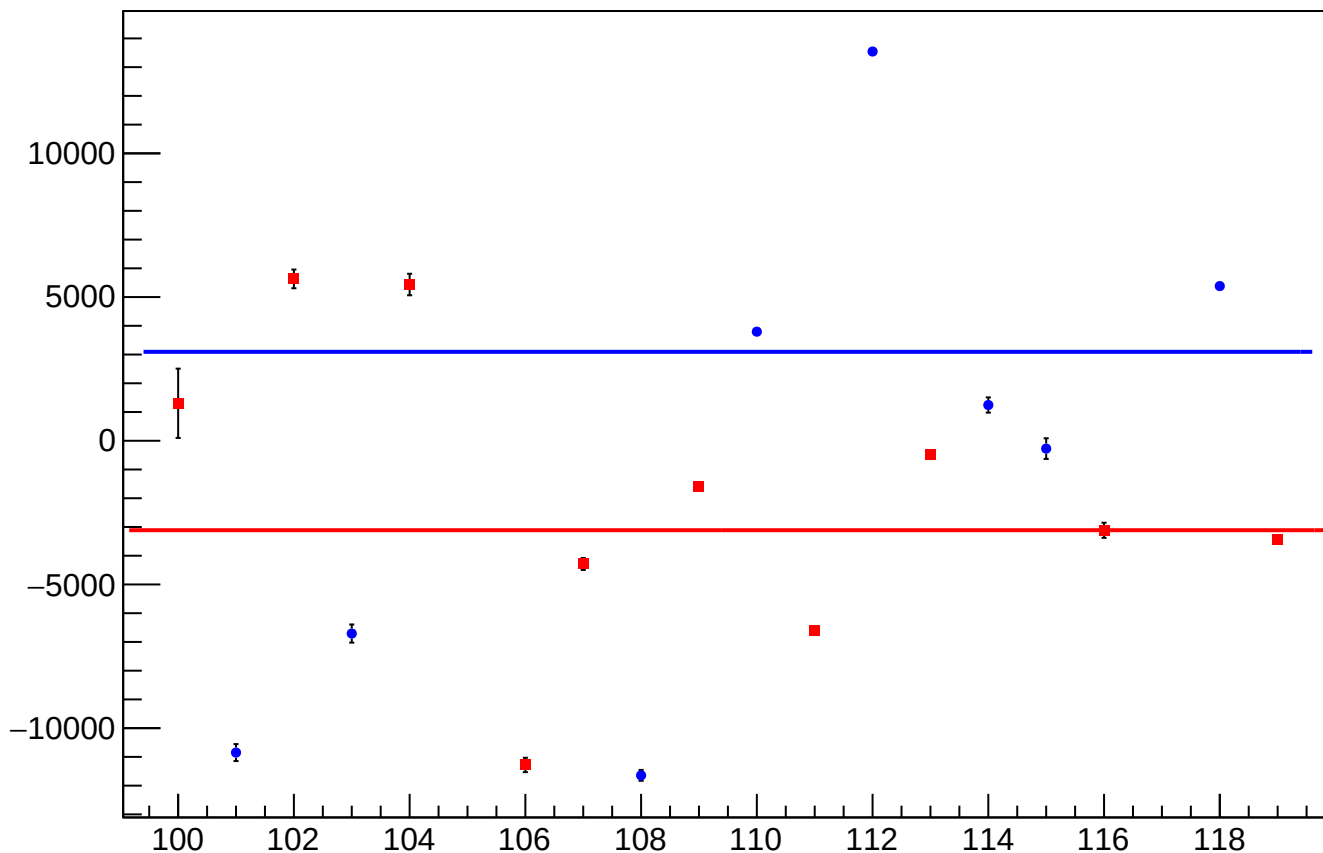
Right: 138.699 $\pm$ 0.038 χ^2 /NDF: 1285568.7/17

In: 140.604 $\pm$ 0.058 χ^2 /NDF:572915.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 138.699 $\pm$ 0.038 χ^2 /NDF: 1285568.7/17

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 3094.543+/-66.725 χ^2/NDF : 15741.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3112.289+/-57.966 χ^2/NDF : 3748.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

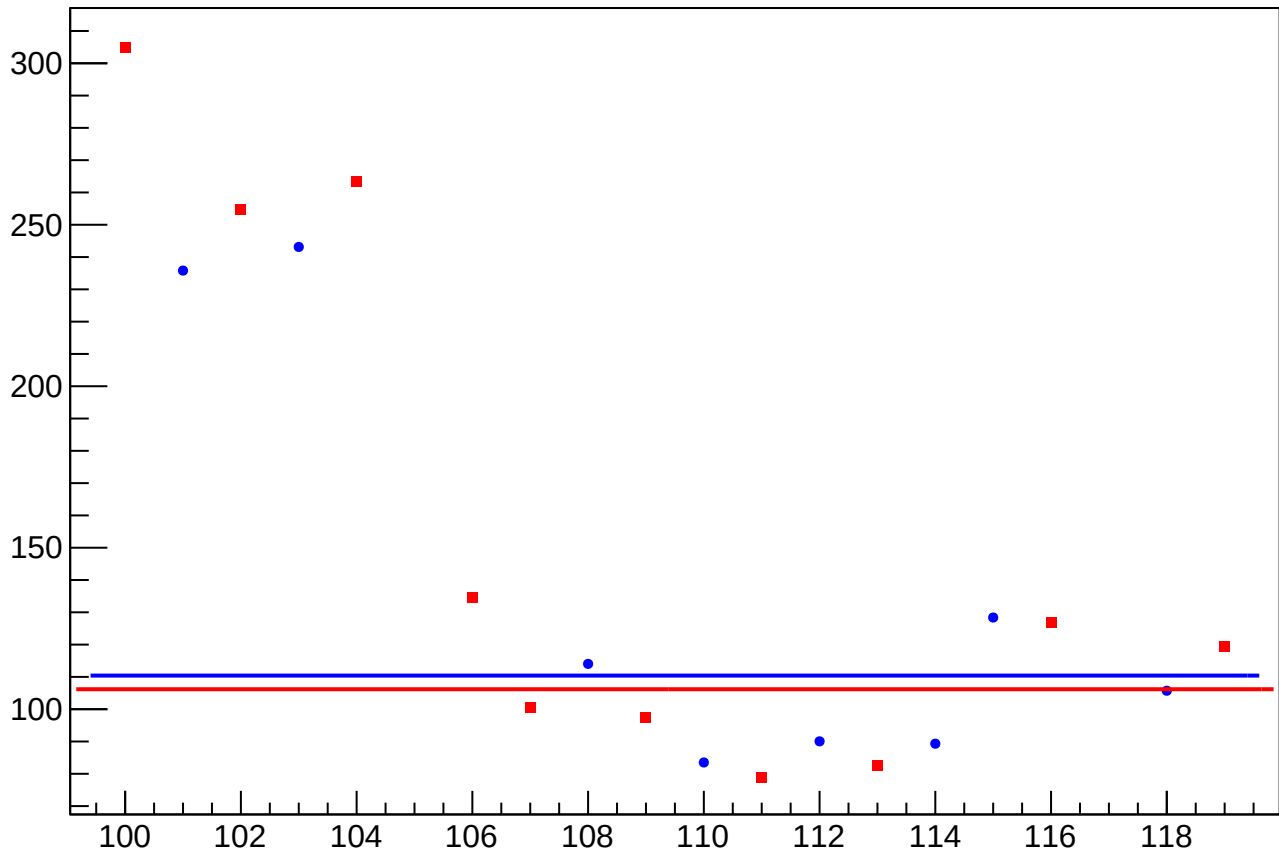
Right: -442.728+/-43.759 χ^2/NDF : 24421.5/17

In: 3094.543+/-66.725 χ^2/NDF : 15741.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -442.728+/-43.759 χ^2/NDF : 24421.5/17

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 110.410+/-0.047 χ^2/NDF : 851968.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 106.186+/-0.041 χ^2/NDF : 1057128.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

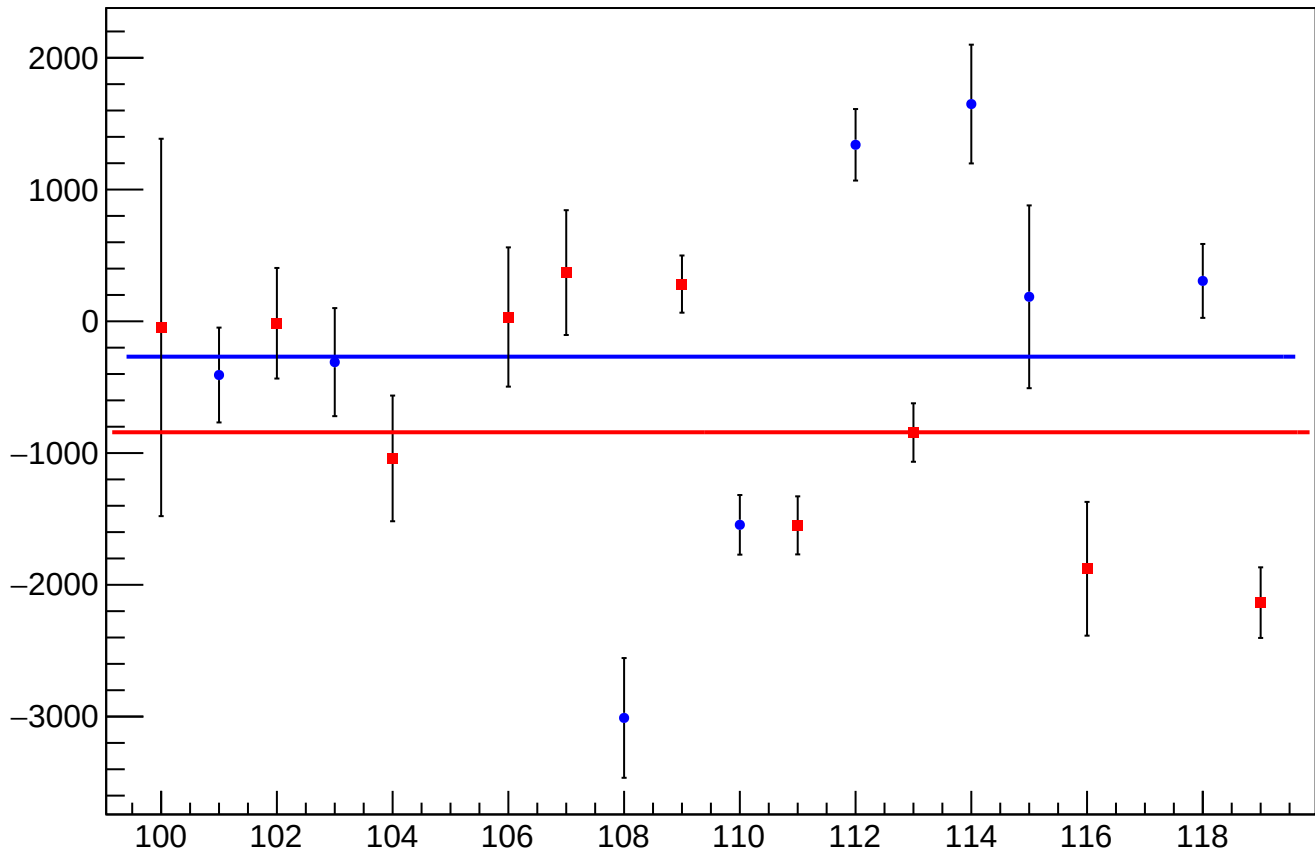
Right: 108.003+/-0.031 χ^2/NDF : 1913663.5/17

In: 110.410+/-0.047 χ^2/NDF :851968.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 108.003+/-0.031 χ^2/NDF : 1913663.5/17

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -268.305+/-118.417 χ^2/NDF : 126.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -842.121+/-100.741 χ^2/NDF : 78.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

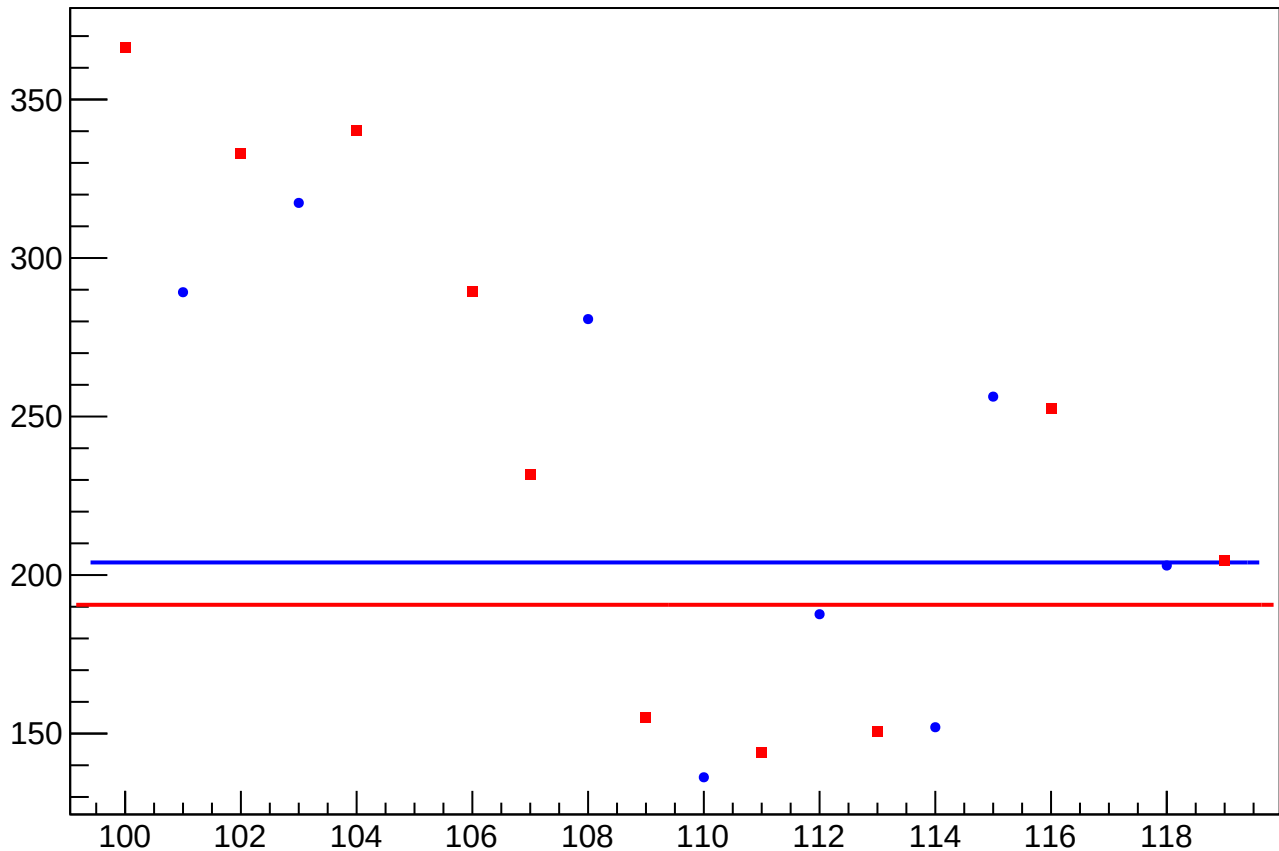
Right: -601.194+/-76.731 χ^2/NDF : 218.1/17

In: -268.305+/-118.417 χ^2/NDF : 126.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.194+/-76.731 χ^2/NDF : 218.1/17

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 203.973+/-0.084 χ^2/NDF : 546693.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 190.617+/-0.071 χ^2/NDF : 784553.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

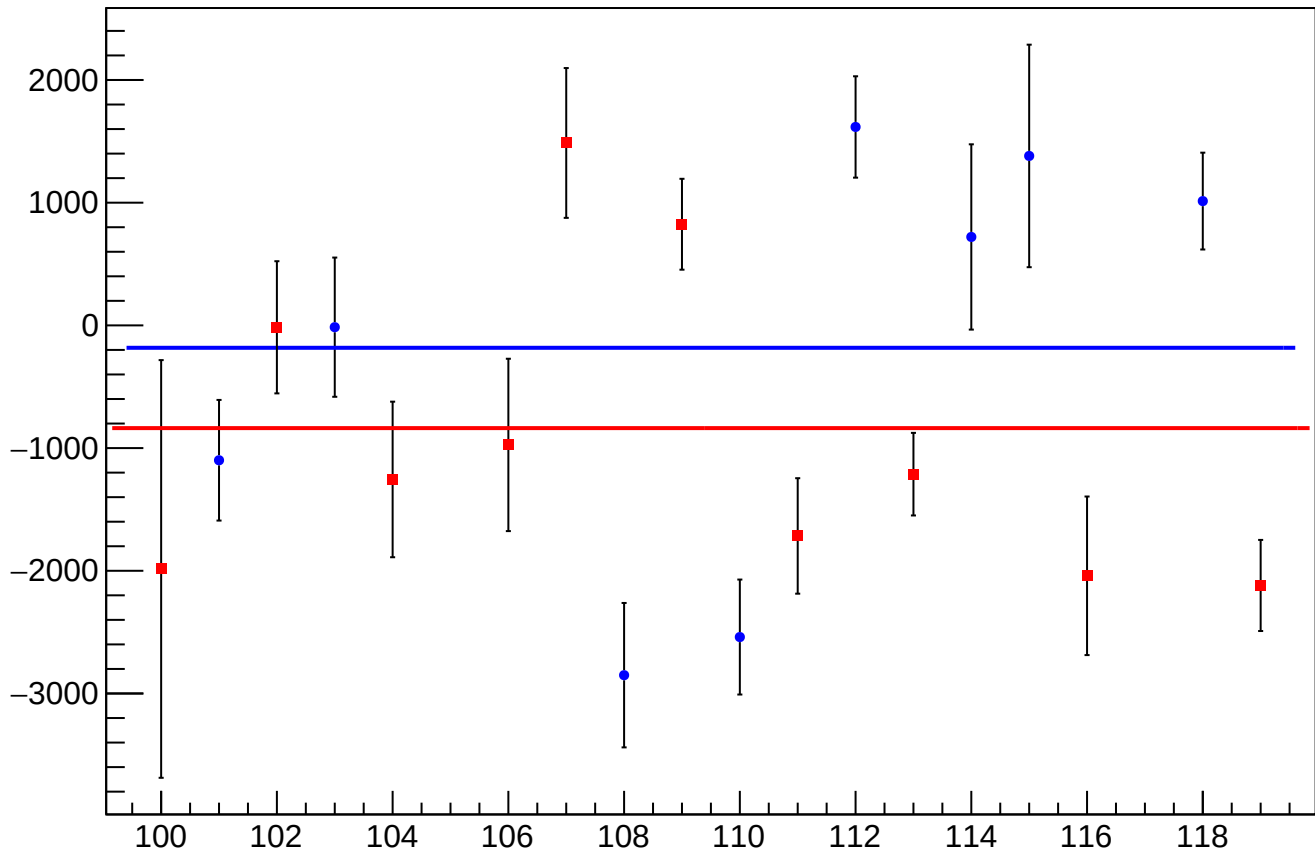
Right: 196.225+/-0.054 χ^2/NDF : 1346006.8/17

In: 203.973+/-0.084 χ^2/NDF :546693.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 196.225+/-0.054 χ^2/NDF : 1346006.8/17

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -182.581+/-182.749 χ^2/NDF : 82.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -837.232+/-155.646 χ^2/NDF : 58.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

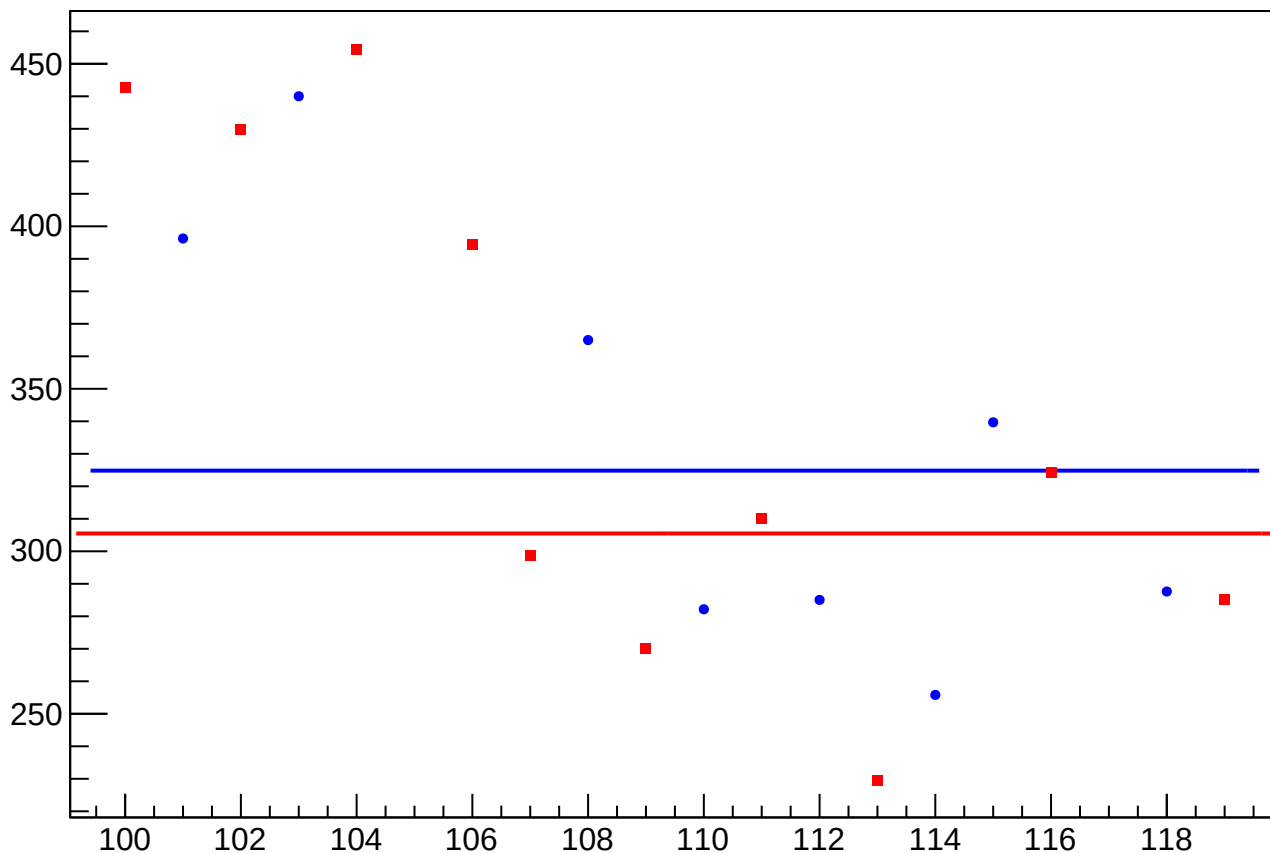
Right: -562.004+/-118.494 χ^2/NDF : 147.5/17

In: -182.581+/-182.749 χ^2/NDF : 82.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -562.004+/-118.494 χ^2/NDF : 147.5/17

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 324.823+/-0.129 χ^2/NDF : 204154.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 305.482+/-0.110 χ^2/NDF : 390169.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

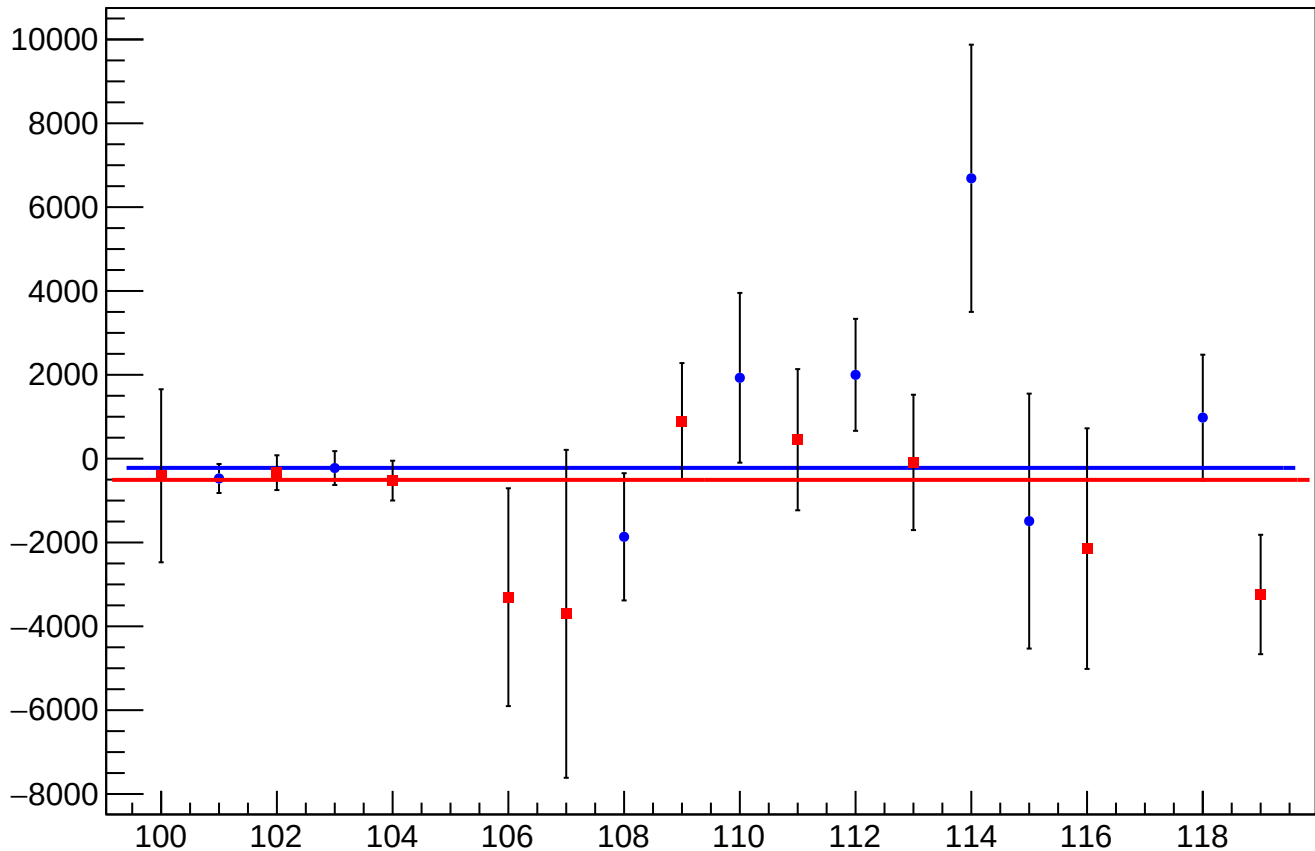
Right: 313.613+/-0.084 χ^2/NDF : 607308.0/17

In: 324.823+/-0.129 χ^2/NDF : 204154.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 313.613+/-0.084 χ^2/NDF : 607308.0/17

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -220.242+/-247.159 χ^2/NDF : 11.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -506.280+/-282.045 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

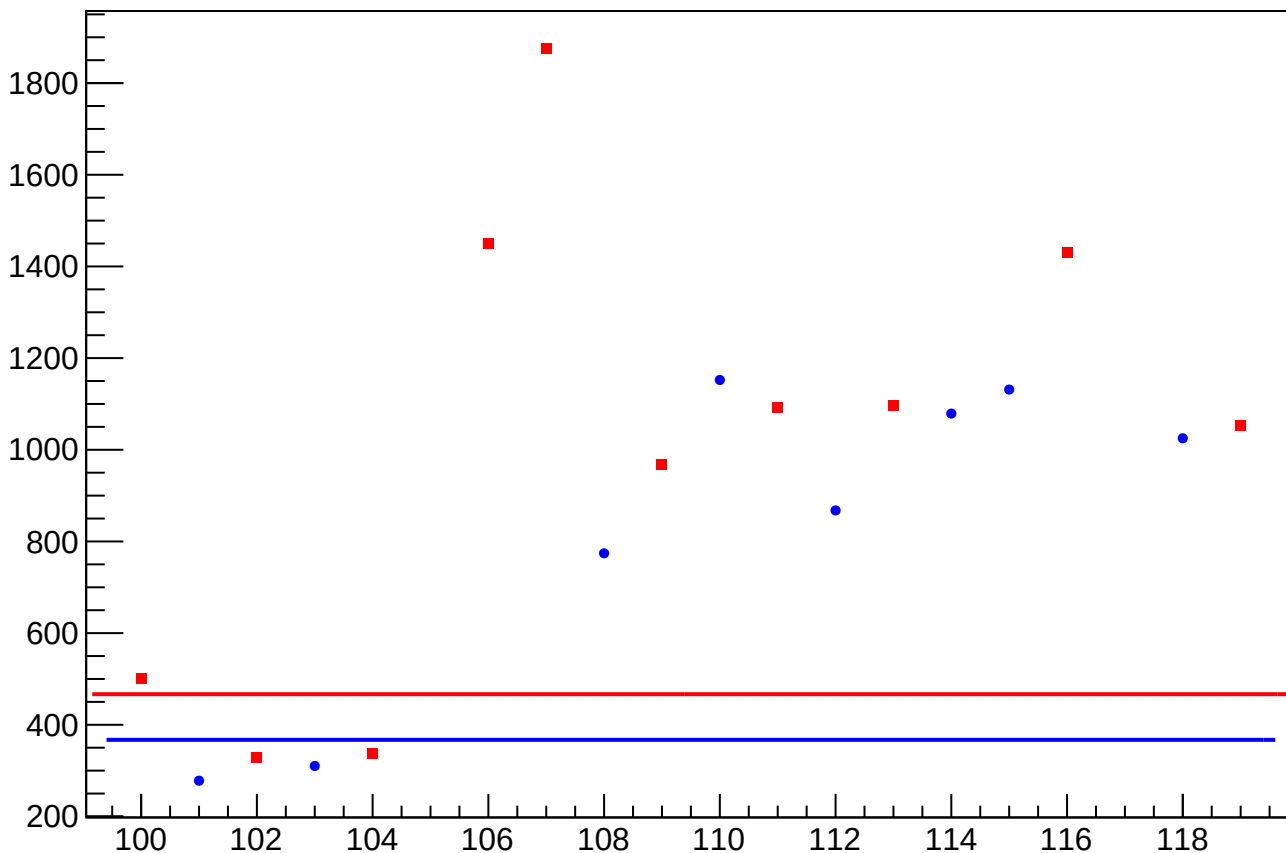
Right: -344.486+/-185.885 χ^2/NDF : 19.1/17

In: -220.242+/-247.159 χ^2/NDF : 11.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -344.486+/-185.885 χ^2/NDF : 19.1/17

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 367.196+/-0.175 χ^2/NDF : 1508478.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 466.758+/-0.199 χ^2/NDF : 2318956.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

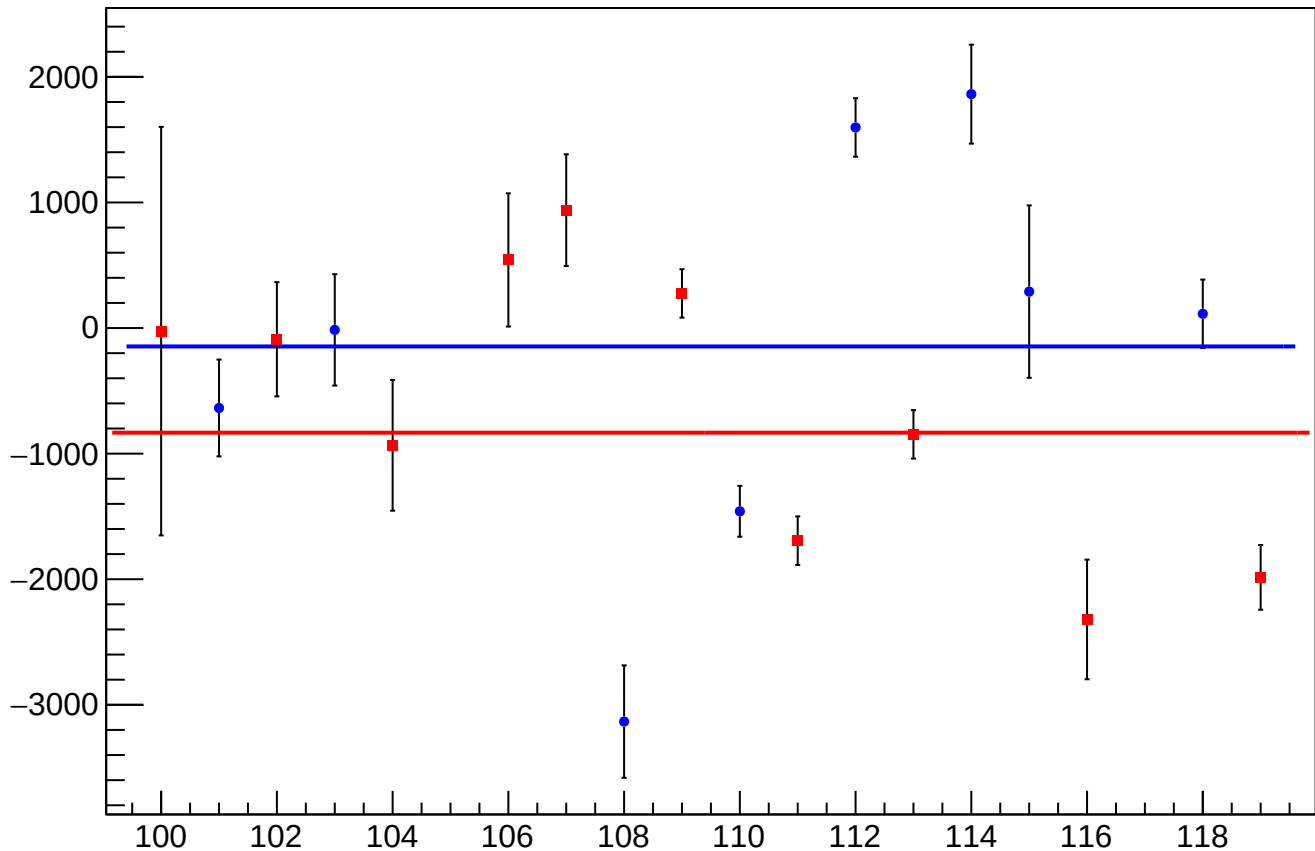
Right: 410.442+/-0.131 χ^2/NDF : 3968401.2/17

In: 367.196+/-0.175 χ^2/NDF : 1508478.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 410.442+/-0.131 χ^2/NDF : 3968401.2/17

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -146.457+/-110.683 χ^2/NDF : 171.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.998+/-92.245 χ^2/NDF : 108.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

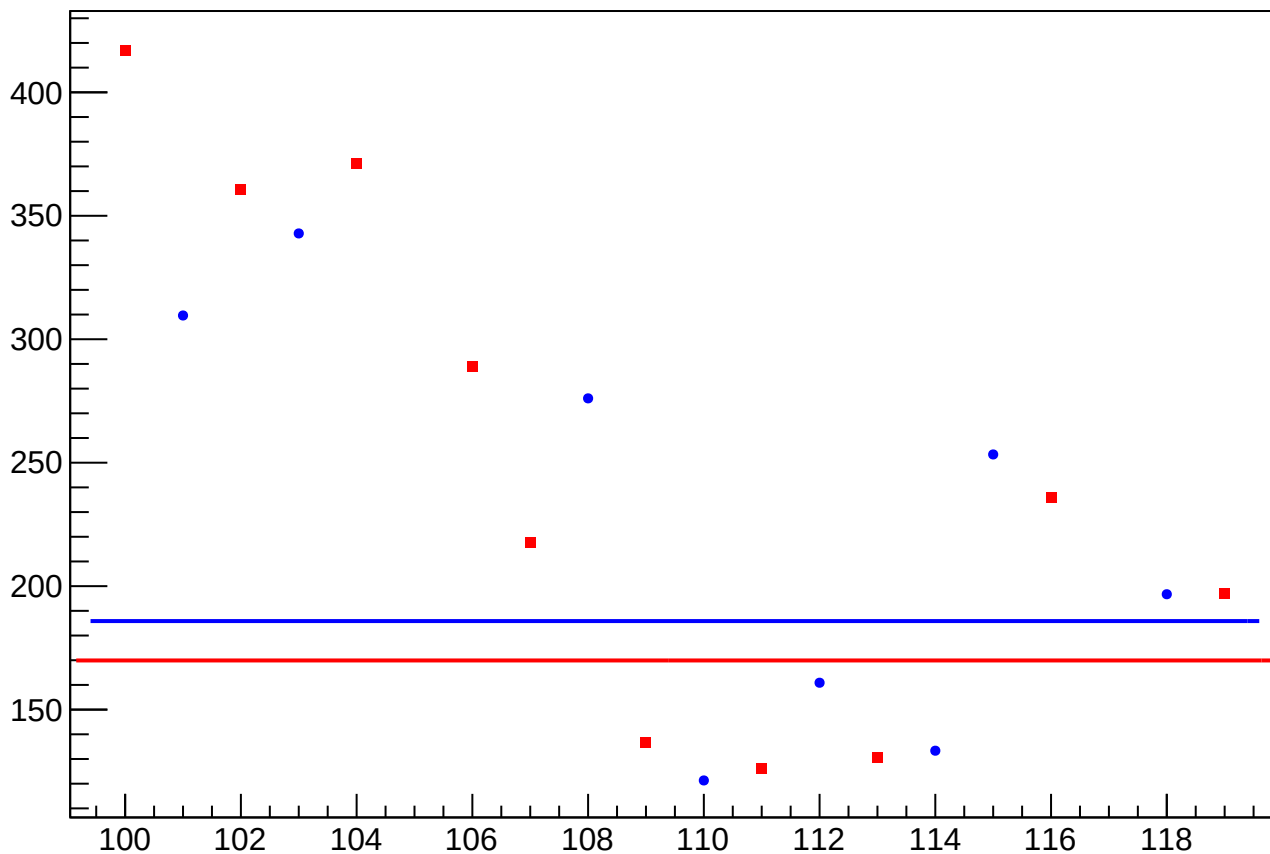
Right: -551.595+/-70.862 χ^2/NDF : 302.5/17

In: -146.457+/-110.683 χ^2/NDF : 171.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -551.595+/-70.862 χ^2/NDF : 302.5/17

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 185.858+/-0.078 χ^2/NDF : 822078.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.908+/-0.065 χ^2/NDF : 1127018.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

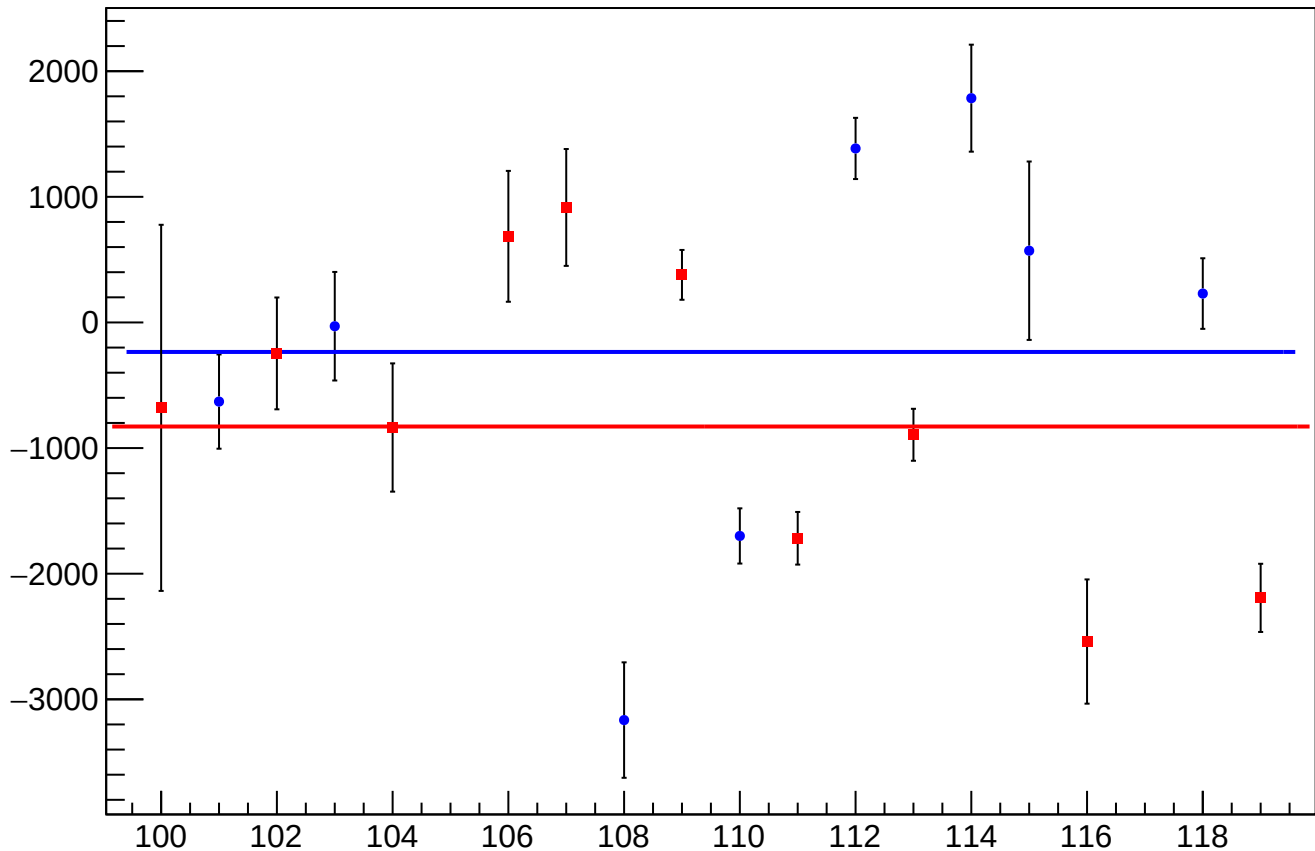
Right: 176.446+/-0.050 χ^2/NDF : 1973606.4/17

In: 185.858+/-0.078 χ^2/NDF : 822078.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.446+/-0.050 χ^2/NDF : 1973606.4/17

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -234.815+/-115.527 χ^2/NDF : 157.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -828.401+/-96.718 χ^2/NDF : 116.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

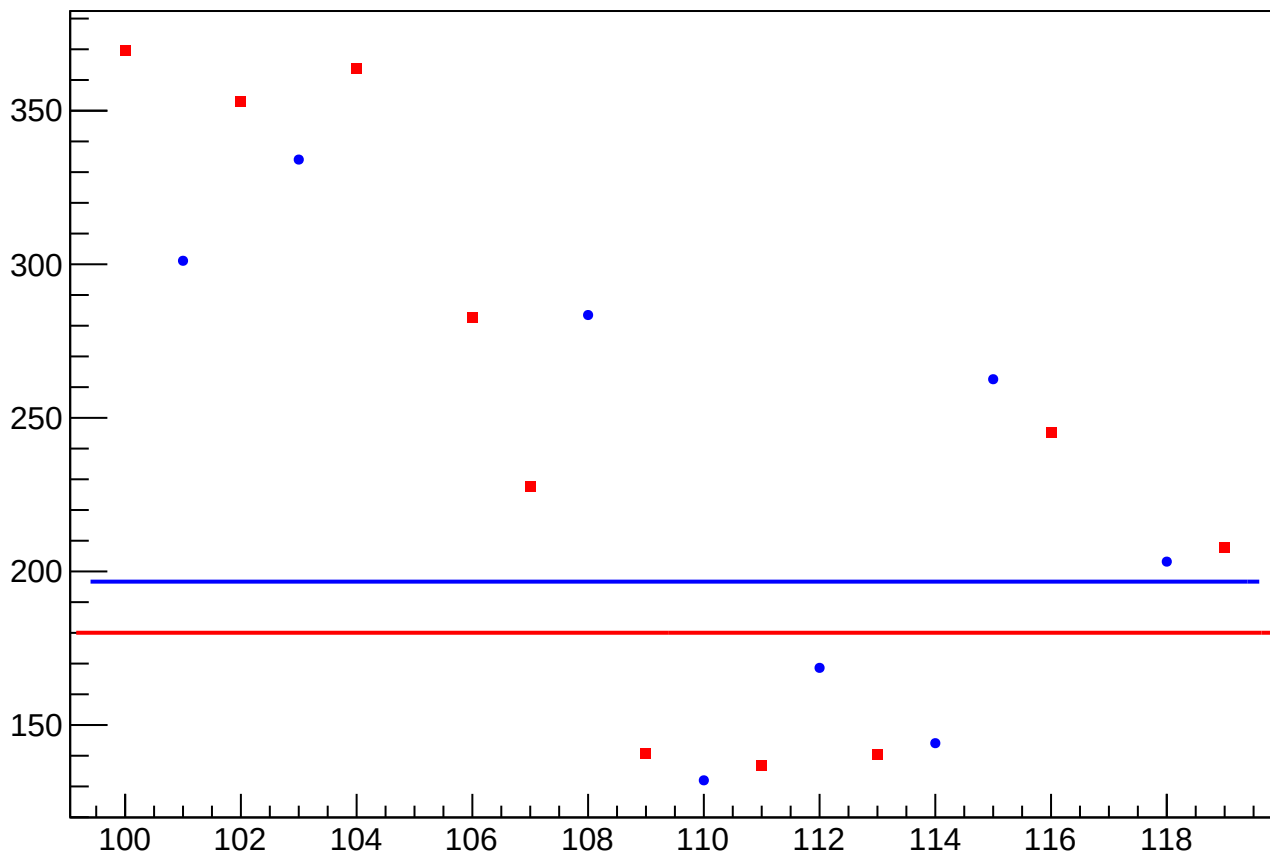
Right: -583.801+/-74.160 χ^2/NDF : 289.3/17

In: -234.815+/-115.527 χ^2/NDF : 157.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -583.801+/-74.160 χ^2/NDF : 289.3/17

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 196.680+/-0.082 χ^2/NDF : 677416.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.038+/-0.068 χ^2/NDF : 985650.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

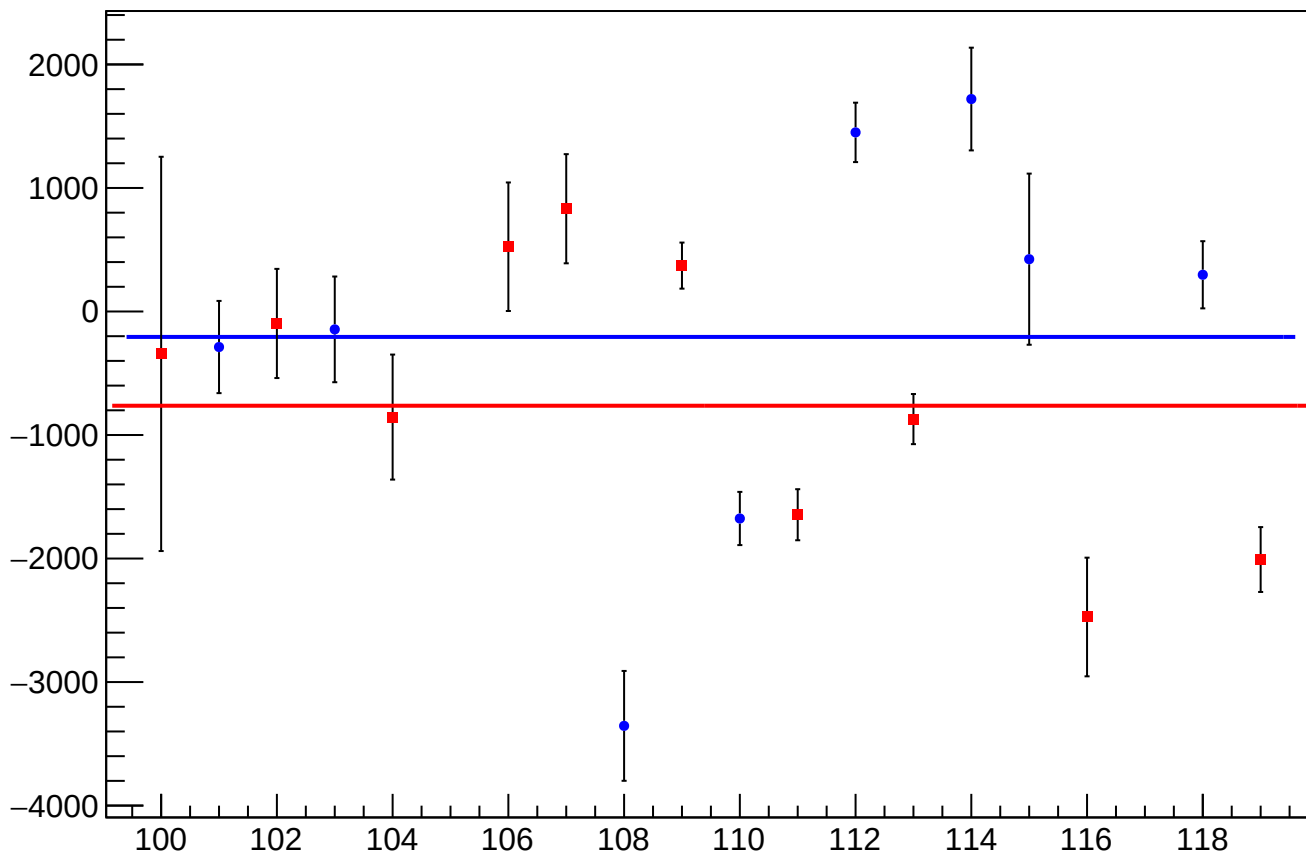
Right: 186.896+/-0.052 χ^2/NDF : 1687466.0/17

In: 196.680+/-0.082 χ^2/NDF : 677416.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.896+/-0.052 χ^2/NDF : 1687466.0/17

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -205.904 $\pm$ 113.273 χ^2/NDF : 169.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: -762.966 $\pm$ 93.854 χ^2/NDF : 112.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

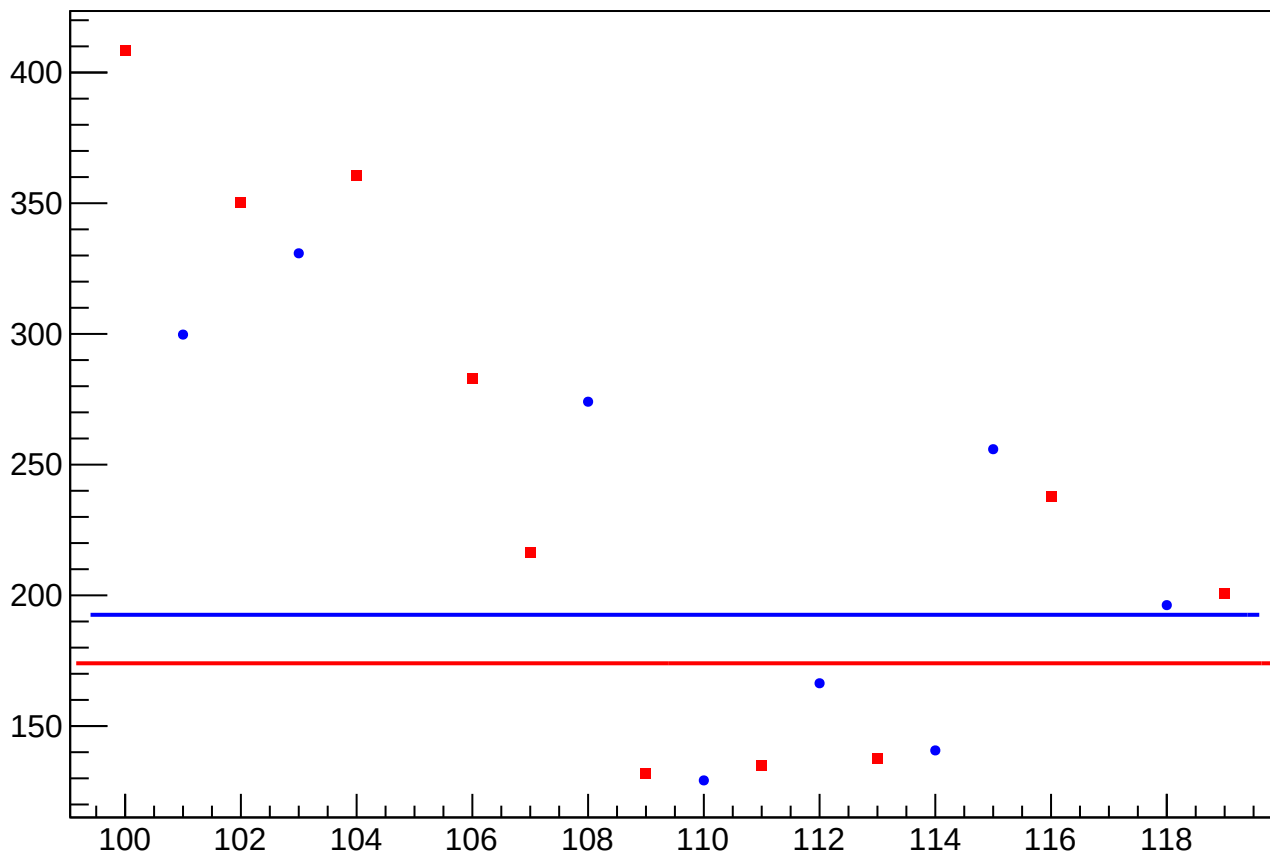
Right: -536.206 $\pm$ 72.270 χ^2/NDF : 296.4/17

In: -205.904 $\pm$ 113.273 χ^2/NDF :169.9/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -536.206 $\pm$ 72.270 χ^2/NDF : 296.4/17

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 192.560+/-0.080 χ^2/NDF : 685995.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.011+/-0.066 χ^2/NDF : 1033082.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

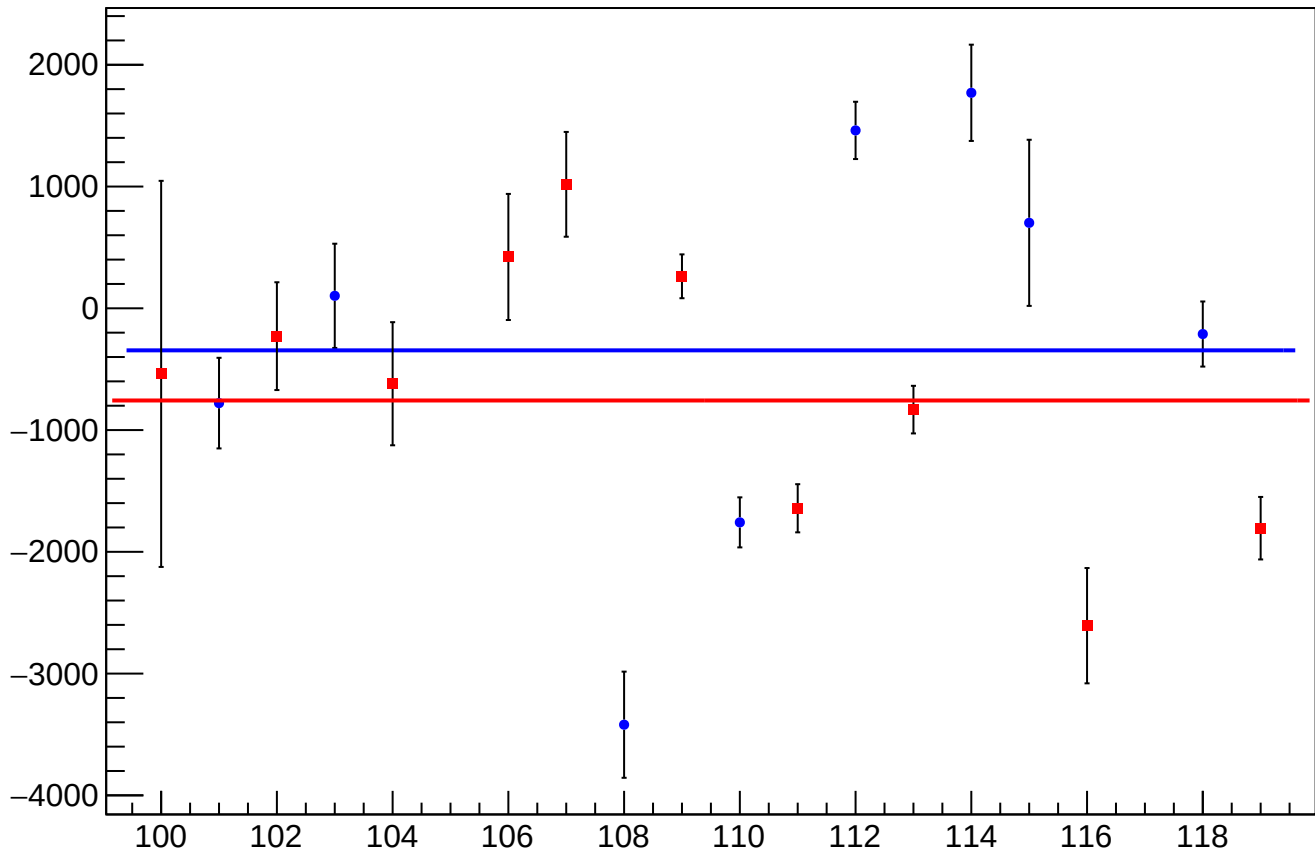
Right: 181.562+/-0.051 χ^2/NDF : 1750878.6/17

In: 192.560+/-0.080 χ^2/NDF : 685995.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.562+/-0.051 χ^2/NDF : 1750878.6/17

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -345.287 ± 110.277 χ^2/NDF : 189.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -757.009 ± 90.999 χ^2/NDF : 107.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

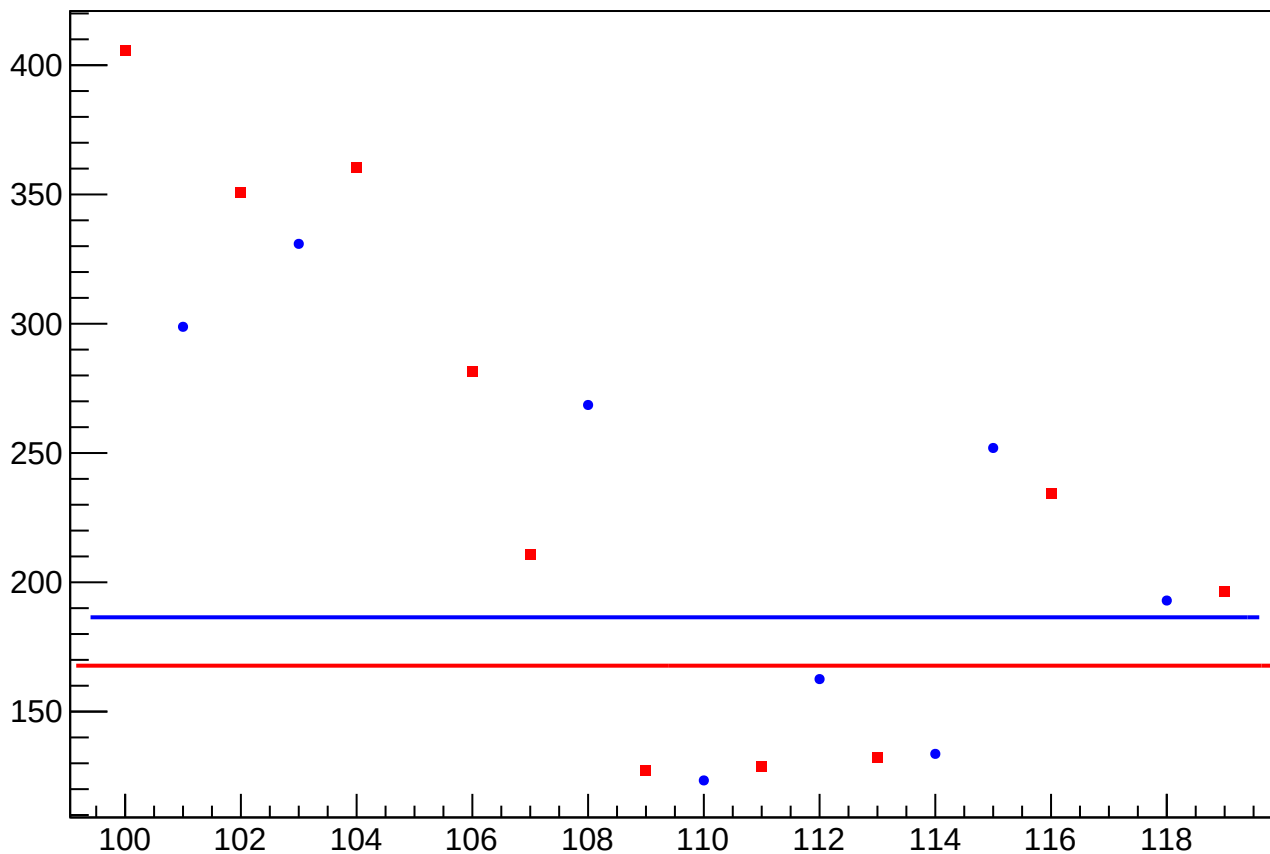
Right: -590.224 ± 70.188 χ^2/NDF : 305.9/17

In: -345.287 ± 110.277 χ^2/NDF : 189.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -590.224 ± 70.188 χ^2/NDF : 305.9/17

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 186.466+/-0.078 χ^2/NDF : 745439.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 167.755+/-0.064 χ^2/NDF : 1103148.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

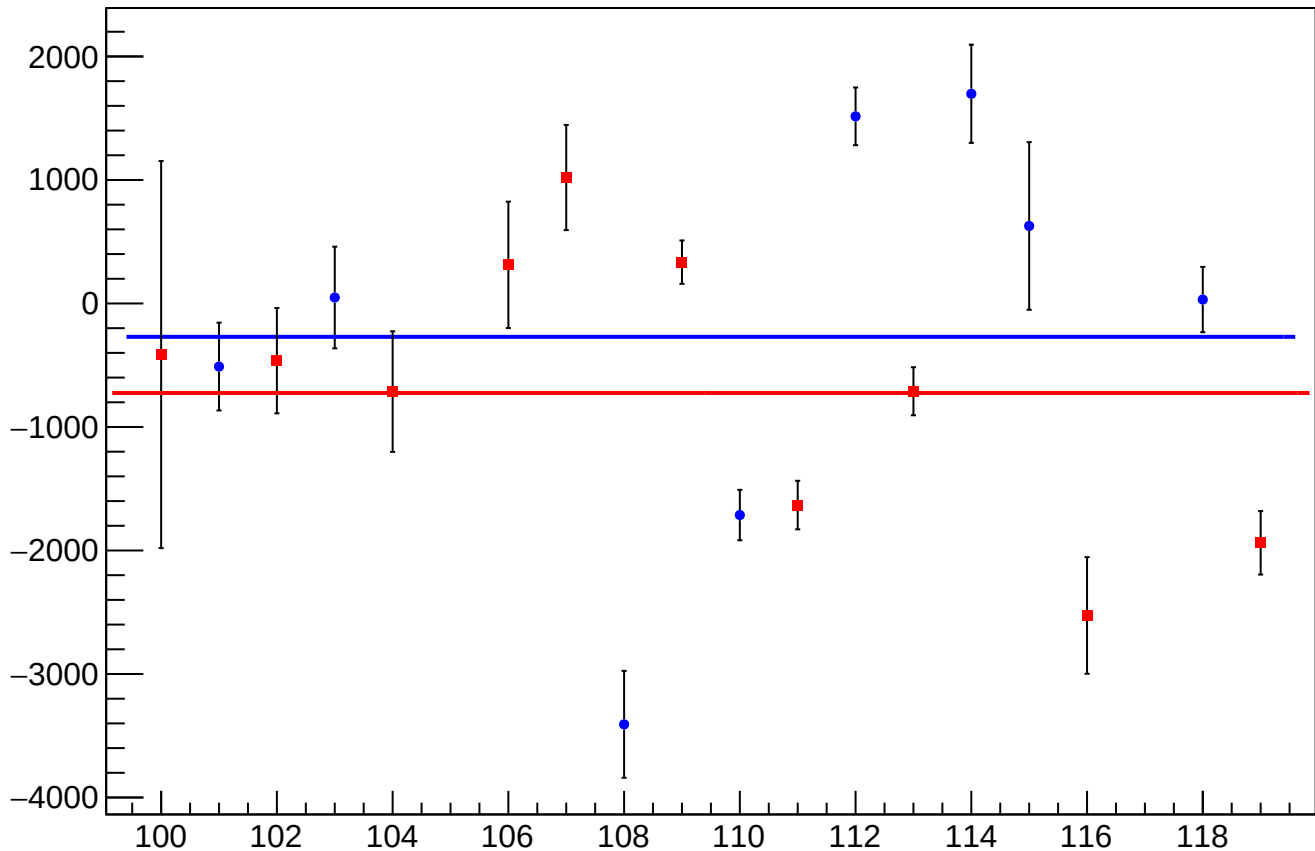
Right: 175.335+/-0.050 χ^2/NDF : 1882842.7/17

In: 186.466+/-0.078 χ^2/NDF :745439.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.335+/-0.050 χ^2/NDF : 1882842.7/17

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -270.133+/-108.919 χ^2 /NDF: 189.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -724.688+/-89.869 χ^2 /NDF: 115.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

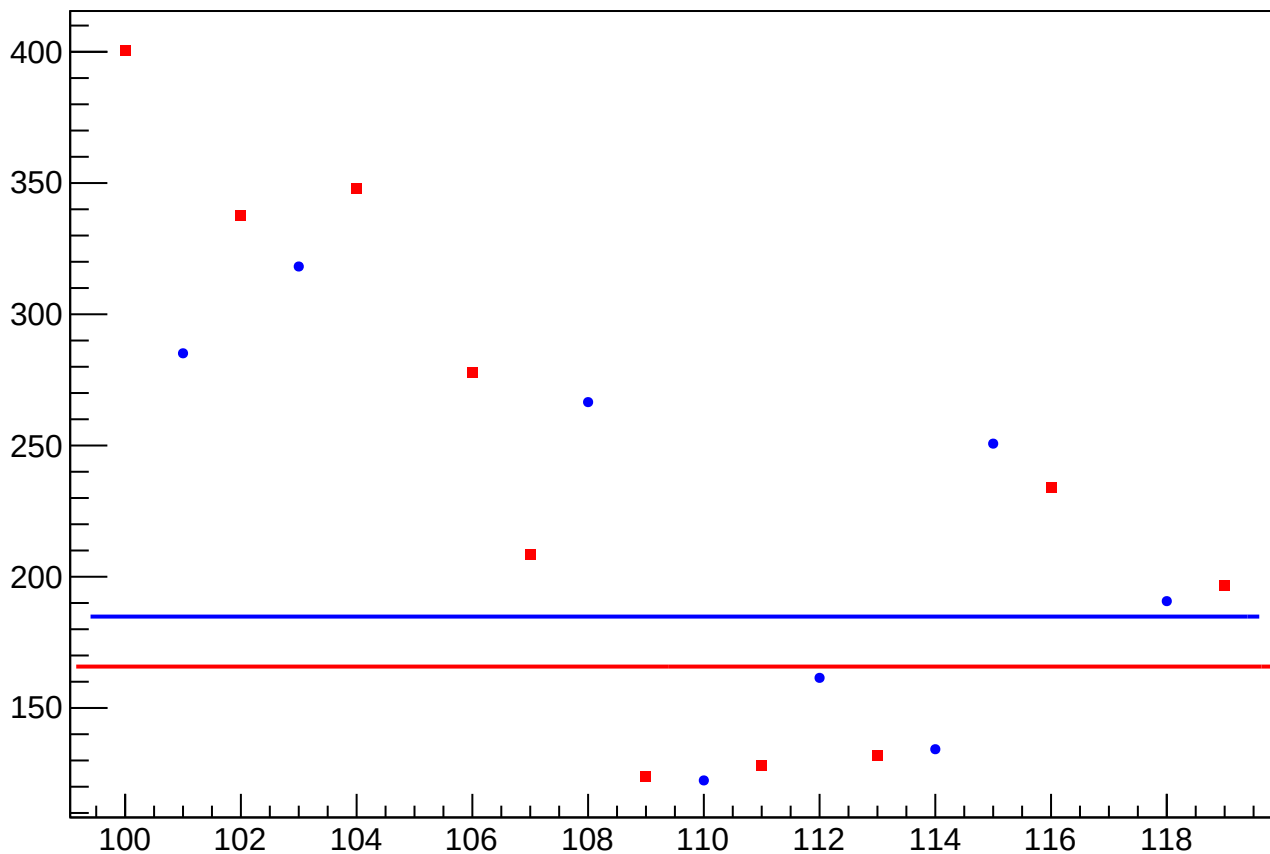
Right: -540.575+/-69.319 χ^2 /NDF: 315.7/17

In: -270.133+/-108.919 χ^2 /NDF:189.5/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -540.575+/-69.319 χ^2 /NDF: 315.7/17

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 184.824+/-0.077 χ^2/NDF : 699865.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.776+/-0.064 χ^2/NDF : 1083649.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

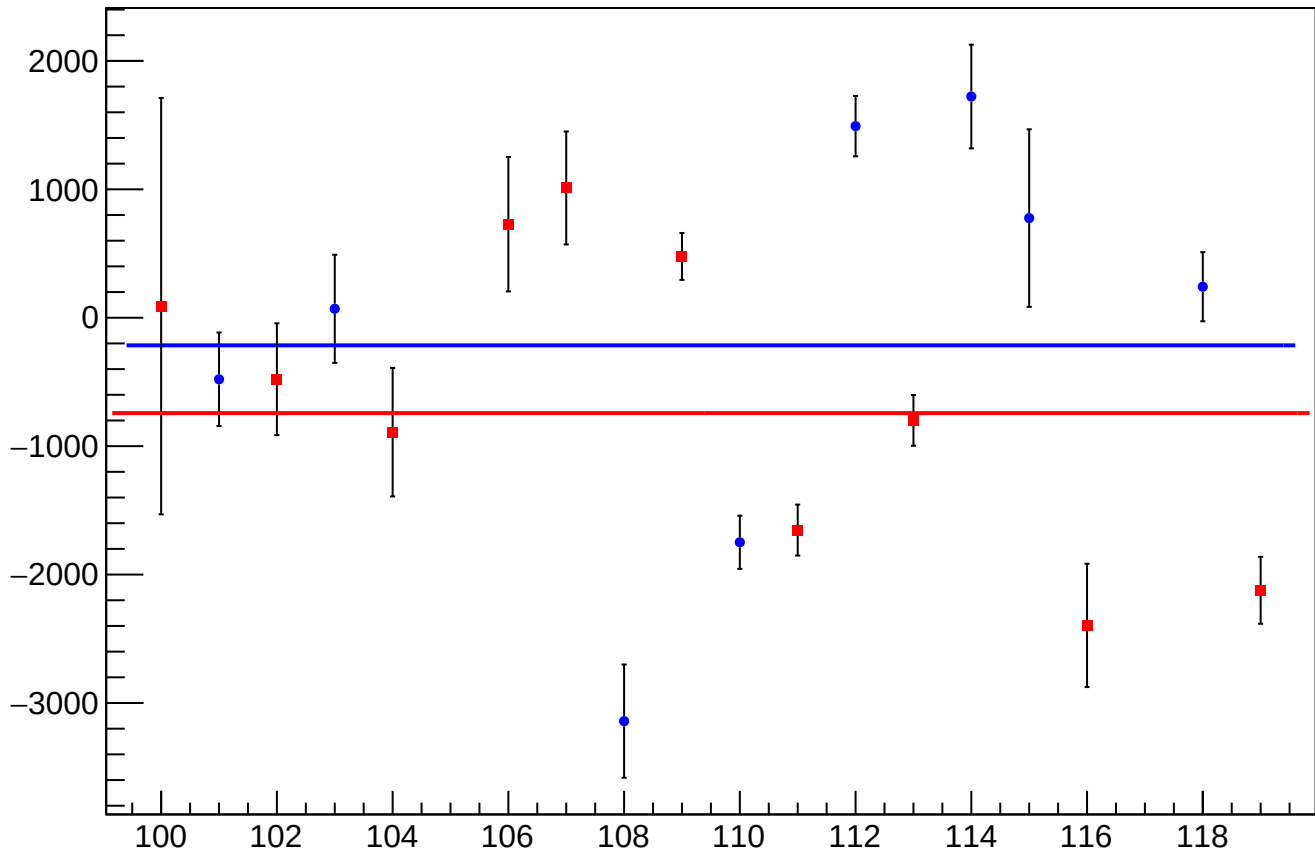
Right: 173.492+/-0.049 χ^2/NDF : 1819906.7/17

In: 184.824+/-0.077 χ^2/NDF : 699865.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.492+/-0.049 χ^2/NDF : 1819906.7/17

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -214.992 ± 110.613 χ^2/NDF : 180.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -742.661 ± 91.867 χ^2/NDF : 130.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

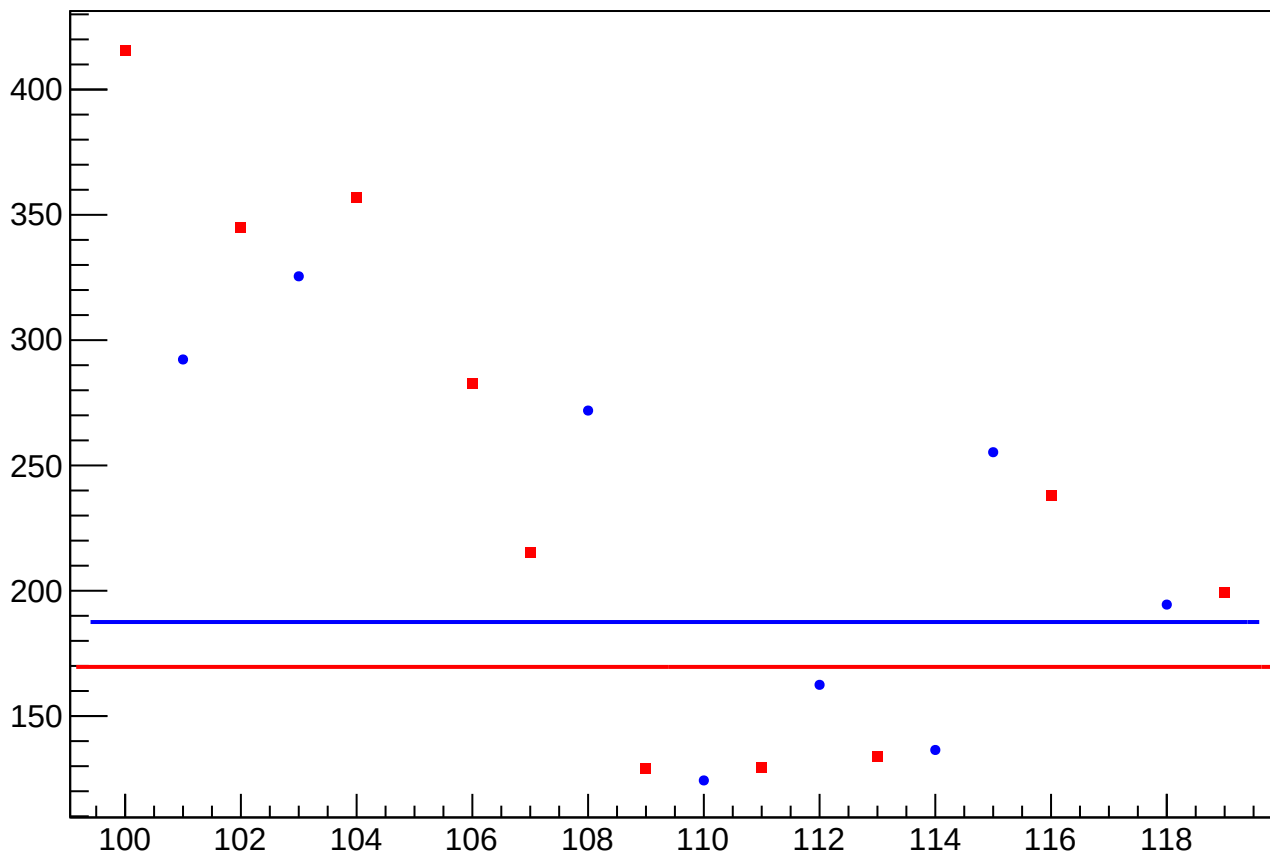
Right: -527.263 ± 70.672 χ^2/NDF : 324.1/17

In: -214.992 ± 110.613 χ^2/NDF : 180.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -527.263 ± 70.672 χ^2/NDF : 324.1/17

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 187.523+/-0.078 χ^2/NDF : 714985.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.612+/-0.065 χ^2/NDF : 1076209.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

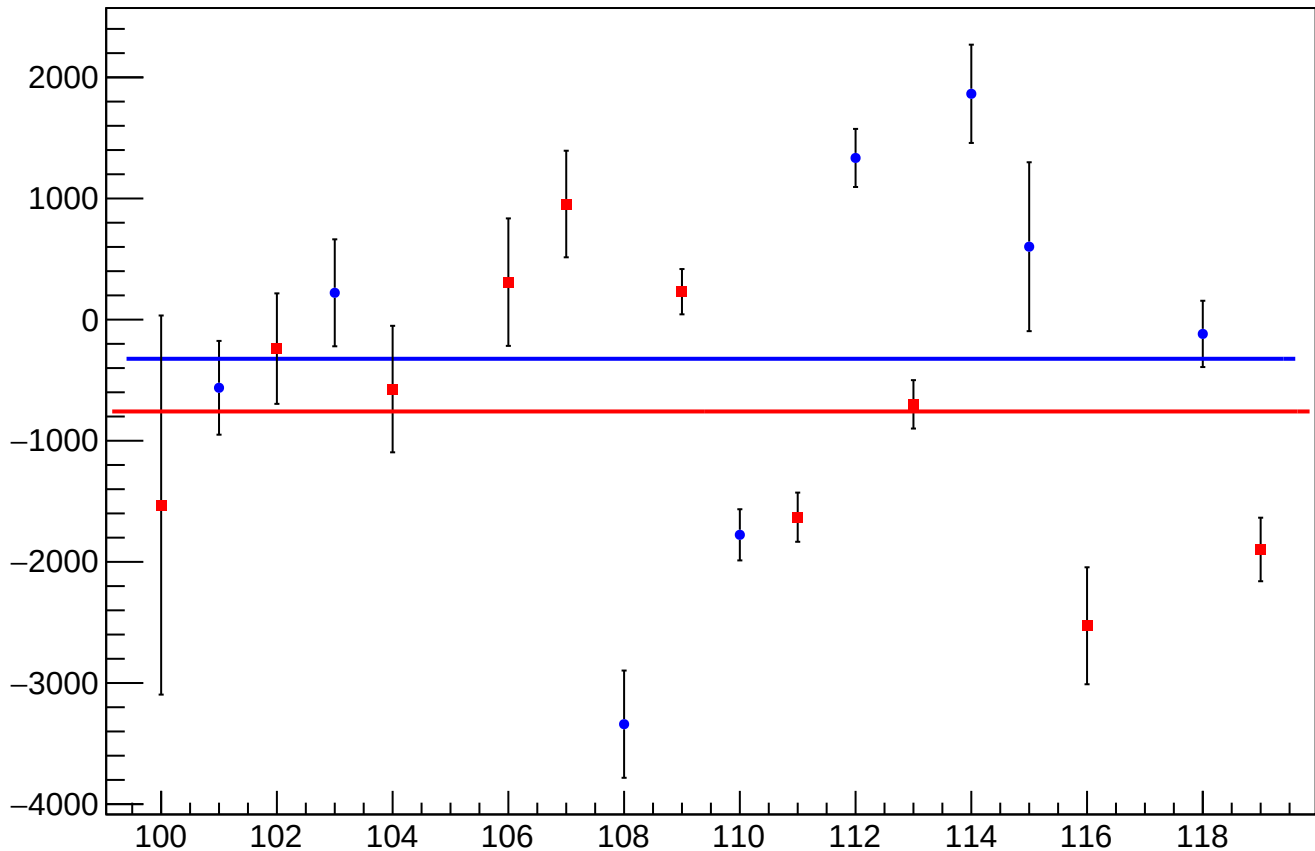
Right: 176.923+/-0.050 χ^2/NDF : 1822227.0/17

In: 187.523+/-0.078 χ^2/NDF : 714985.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 176.923+/-0.050 χ^2/NDF : 1822227.0/17

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -323.346+/-113.083 χ^2/NDF : 174.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -758.268+/-93.488 χ^2/NDF : 99.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

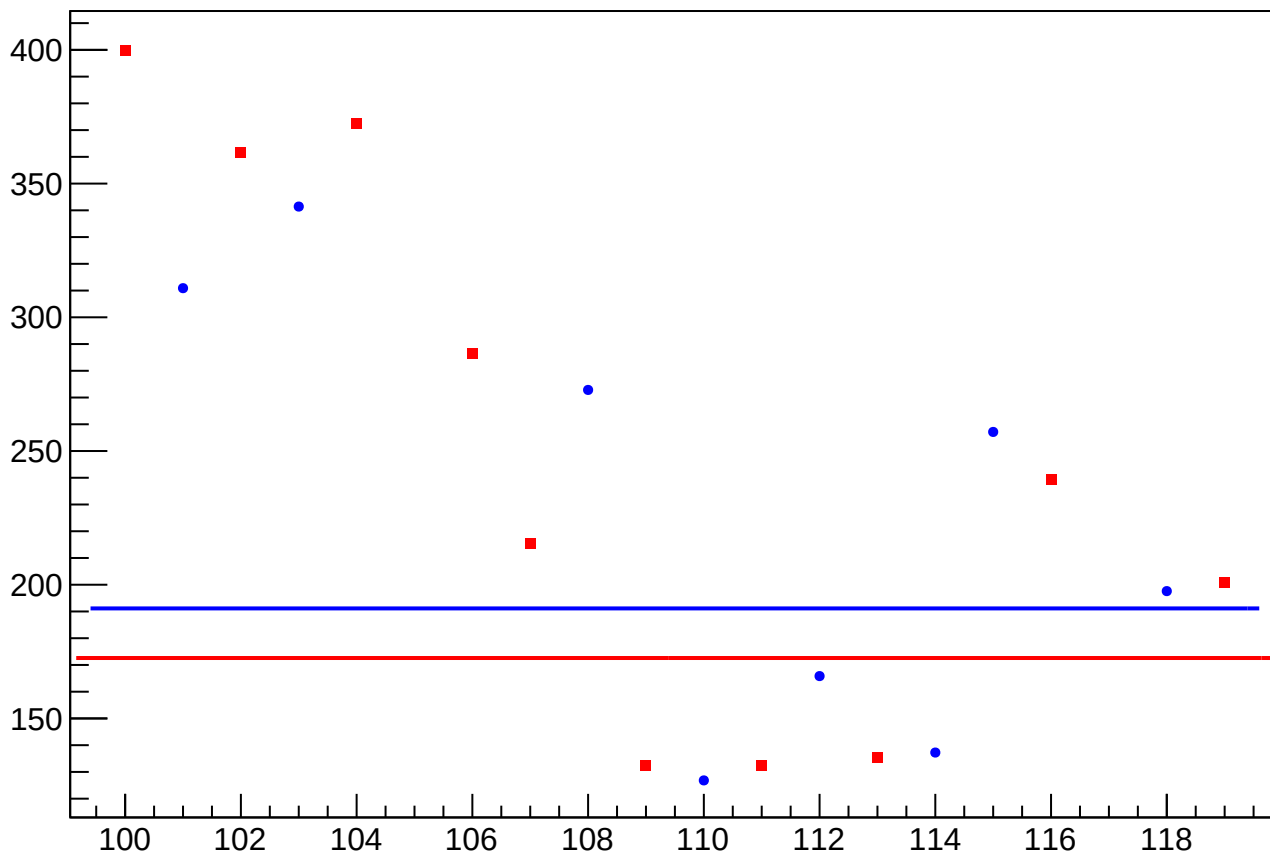
Right: -581.696+/-72.053 χ^2/NDF : 283.4/17

In: -323.346+/-113.083 χ^2/NDF : 174.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.696+/-72.053 χ^2/NDF : 283.4/17

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 191.142+/-0.080 χ^2/NDF : 753182.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.597+/-0.066 χ^2/NDF : 1092886.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

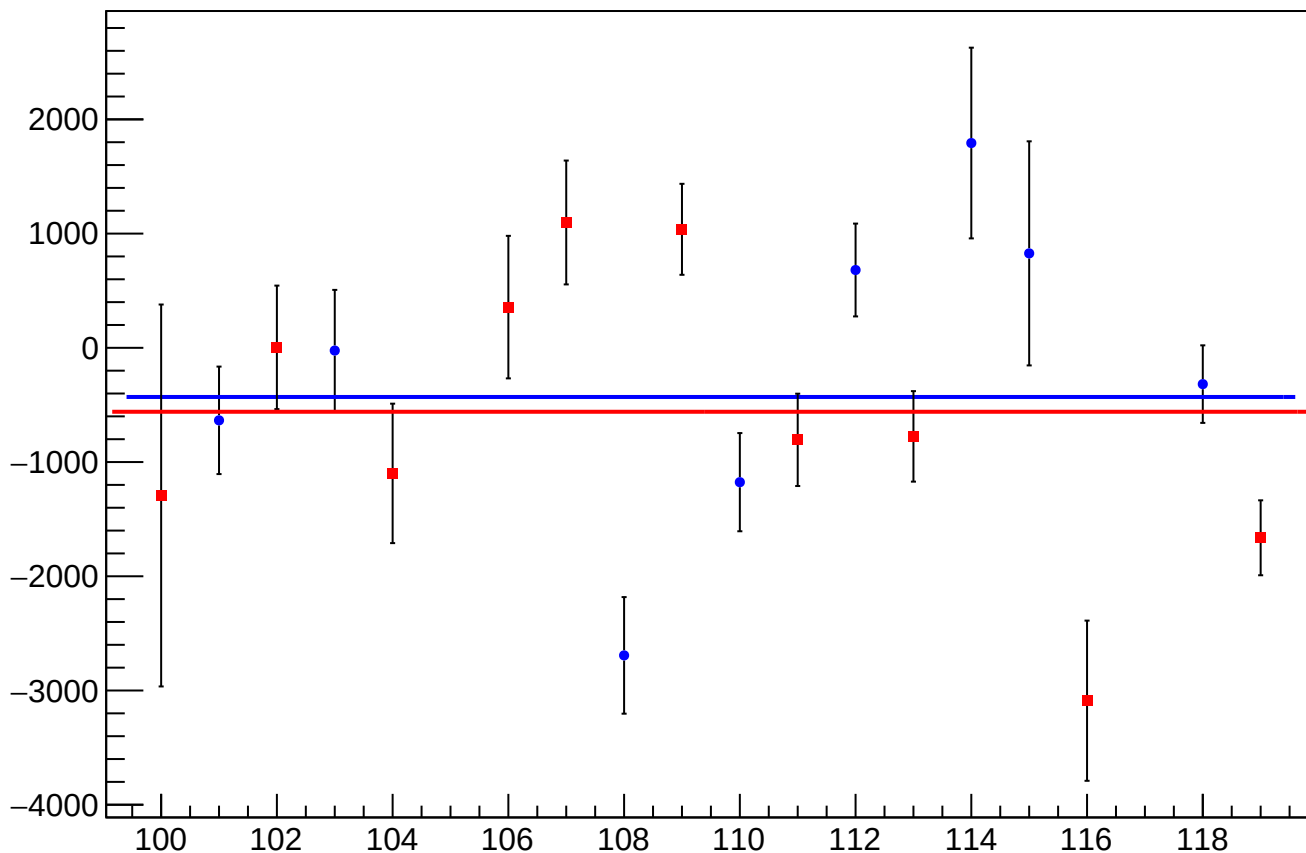
Right: 180.126+/-0.051 χ^2/NDF : 1878018.0/17

In: 191.142+/-0.080 χ^2/NDF : 753182.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.126+/-0.051 χ^2/NDF : 1878018.0/17

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -430.246+/-170.186 χ^2/NDF : 39.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.719+/-153.282 χ^2/NDF : 54.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

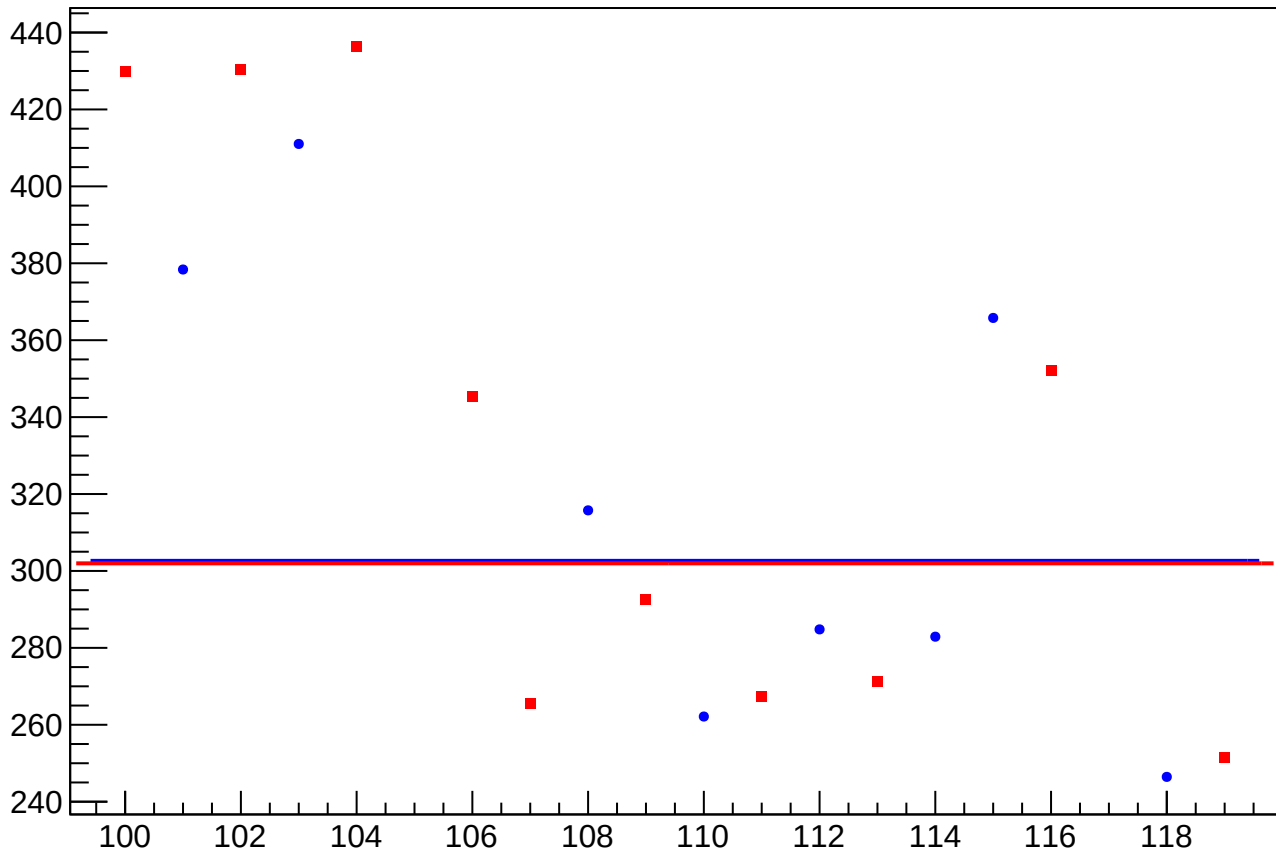
Right: -501.730+/-113.896 χ^2/NDF : 94.7/17

In: -430.246+/-170.186 χ^2/NDF : 39.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.730+/-113.896 χ^2/NDF : 94.7/17

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 302.621+/-0.120 χ^2/NDF : 222293.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.976+/-0.108 χ^2/NDF : 325786.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

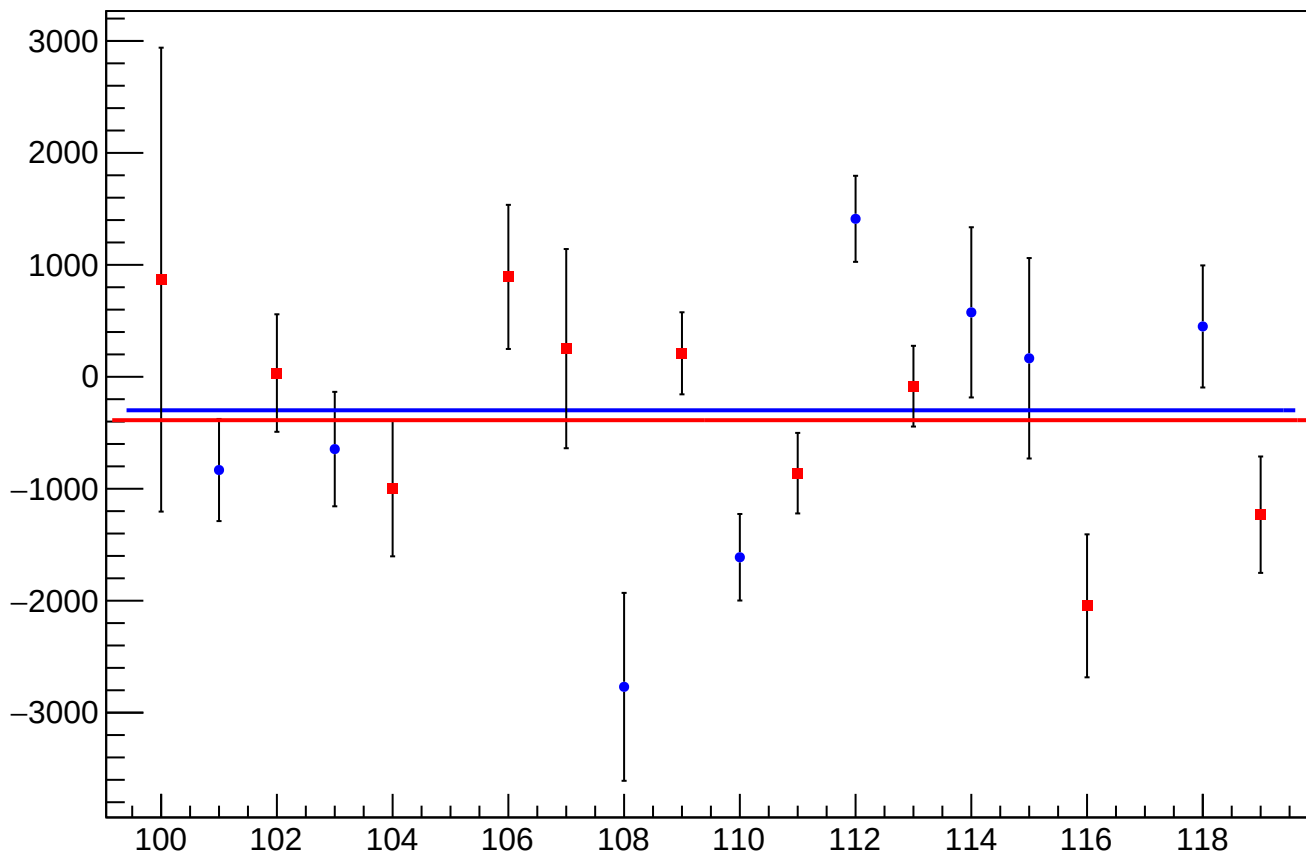
Right: 302.265+/-0.081 χ^2/NDF : 548096.7/17

In: 302.621+/-0.120 χ^2/NDF : 222293.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.265+/-0.081 χ^2/NDF : 548096.7/17

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -299.105+/-183.007 χ^2/NDF : 45.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -387.491+/-159.579 χ^2/NDF : 21.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

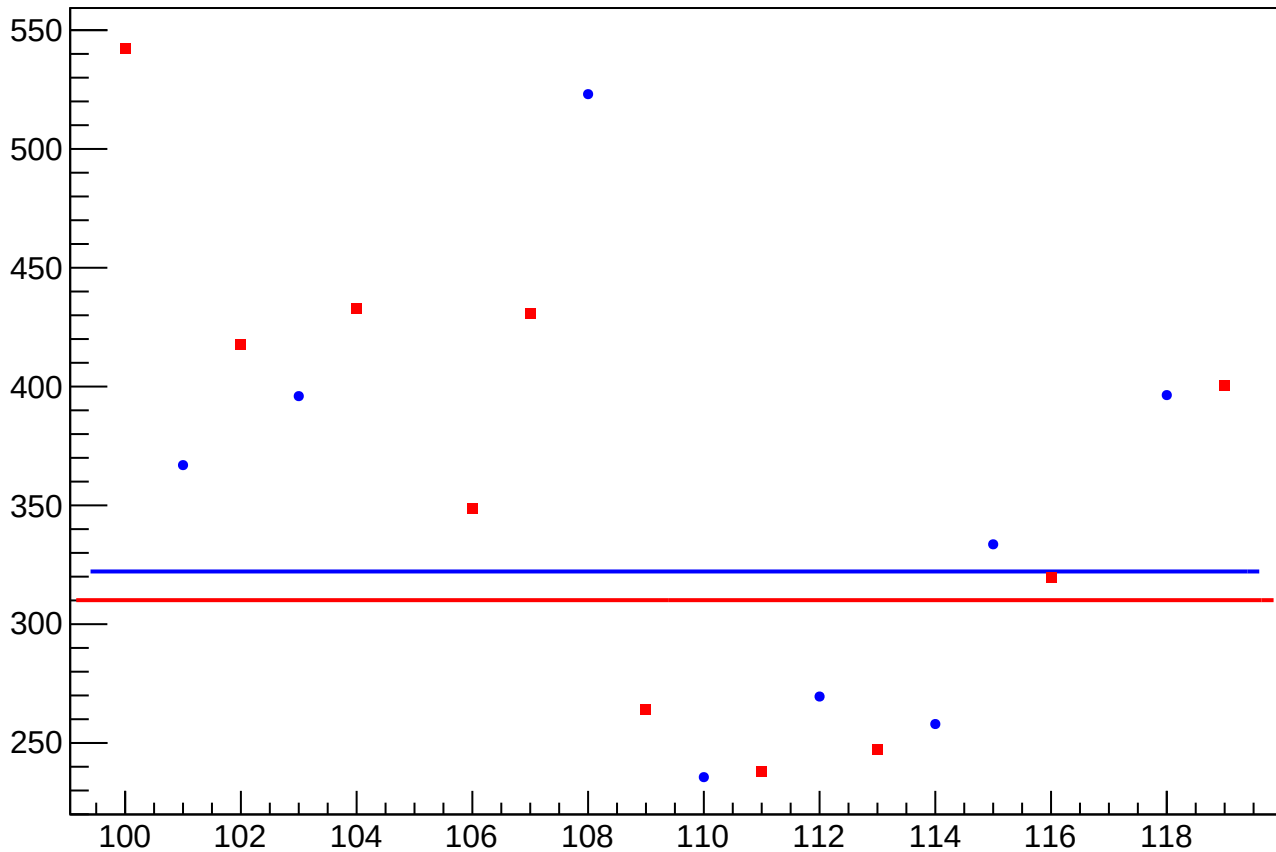
Right: -349.314+/-120.275 χ^2/NDF : 66.4/17

In: -299.105+/-183.007 χ^2/NDF : 45.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -349.314+/-120.275 χ^2/NDF : 66.4/17

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 322.180+/-0.129 χ^2/NDF : 365007.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 310.106+/-0.113 χ^2/NDF : 468491.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

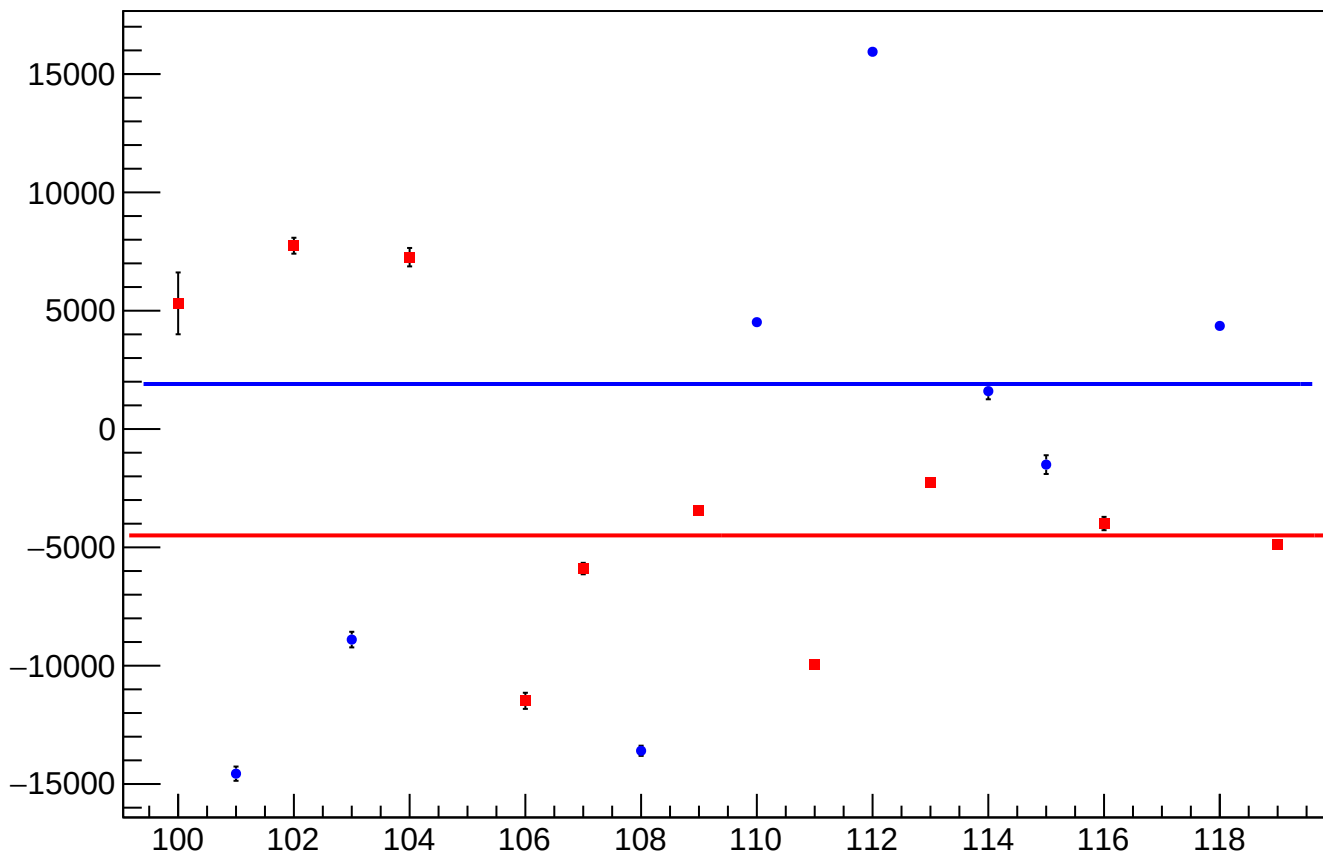
Right: 315.321+/-0.085 χ^2/NDF : 838444.0/17

In: 322.180+/-0.129 χ^2/NDF : 365007.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 315.321+/-0.085 χ^2/NDF : 838444.0/17

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 1903.123+/-79.352 χ^2/NDF : 16327.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4495.526+/-69.852 χ^2/NDF : 4220.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

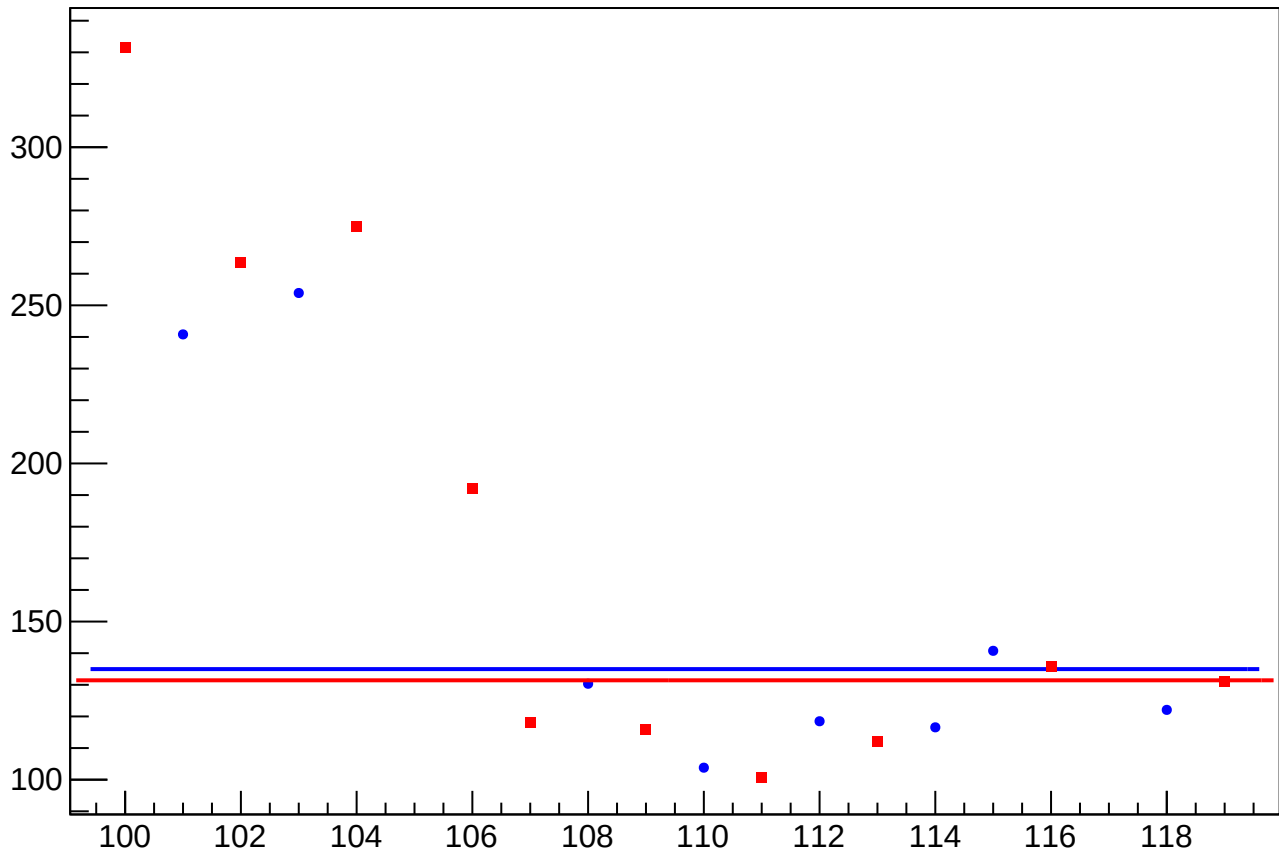
Right: -1701.981+/-52.431 χ^2/NDF : 24210.7/17

In: 1903.123+/-79.352 χ^2/NDF : 16327.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1701.981+/-52.431 χ^2/NDF : 24210.7/17

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 134.968+/-0.056 χ^2/NDF : 609409.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 131.423+/-0.049 χ^2/NDF : 820811.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

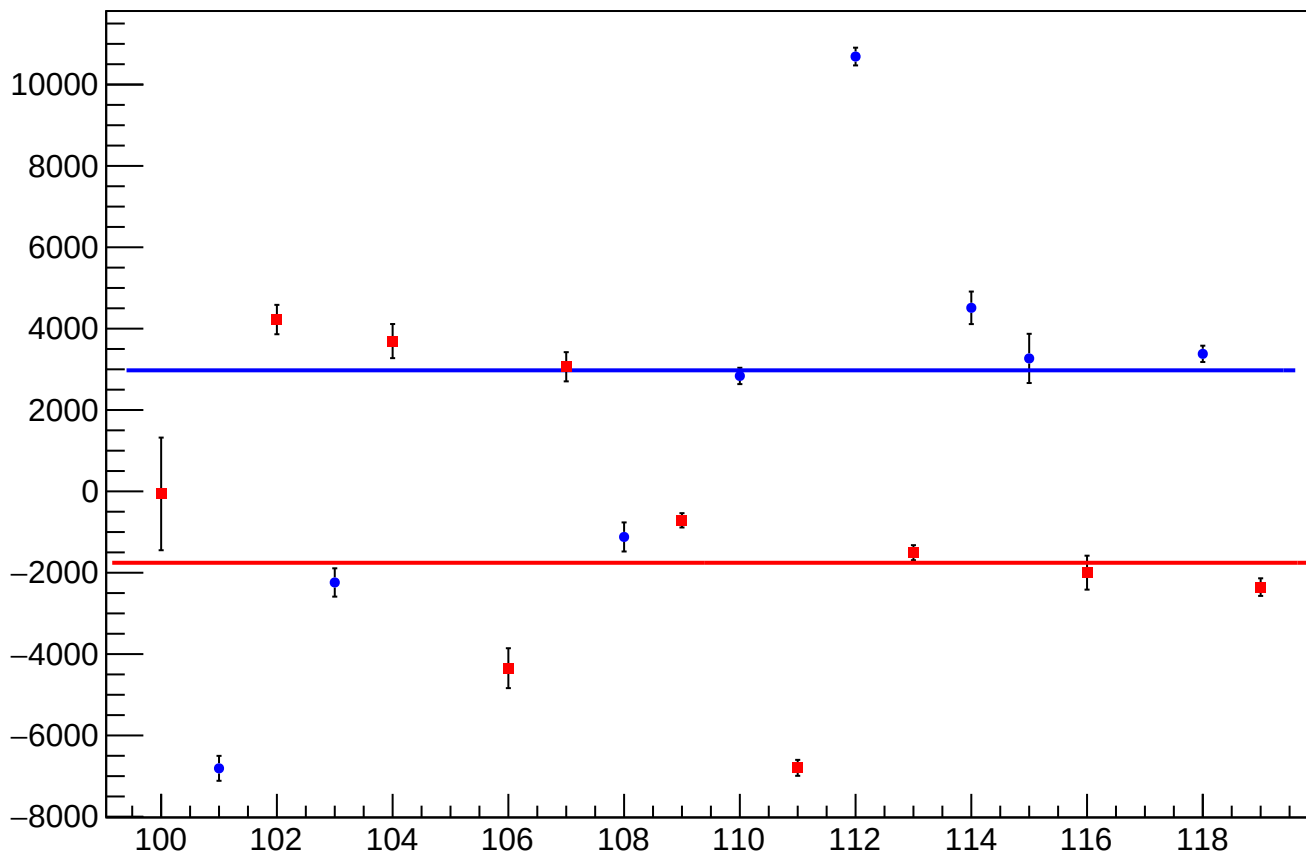
Right: 132.971+/-0.037 χ^2/NDF : 1432468.9/17

In: 134.968+/-0.056 χ^2/NDF : 609409.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.971+/-0.037 χ^2/NDF : 1432468.9/17

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2975.207+/-96.952 χ^2 /NDF: 2644.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1755.384+/-84.359 χ^2 /NDF: 1358.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

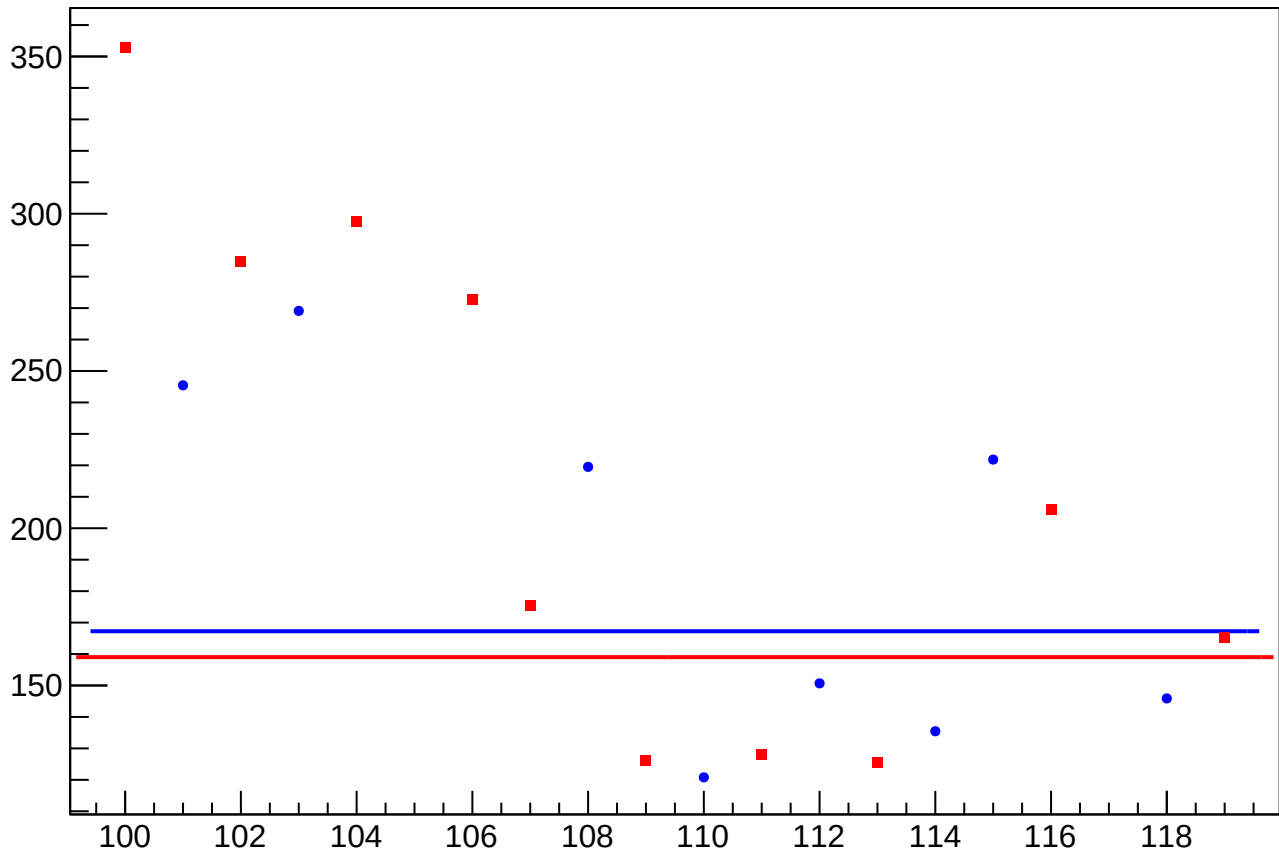
Right: 282.923+/-63.641 χ^2 /NDF: 5358.3/17

In: 2975.207+/-96.952 χ^2 /NDF:2644.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 282.923+/-63.641 χ^2 /NDF: 5358.3/17

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 167.252+/-0.069 χ^2/NDF : 514336.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.009+/-0.060 χ^2/NDF : 825835.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

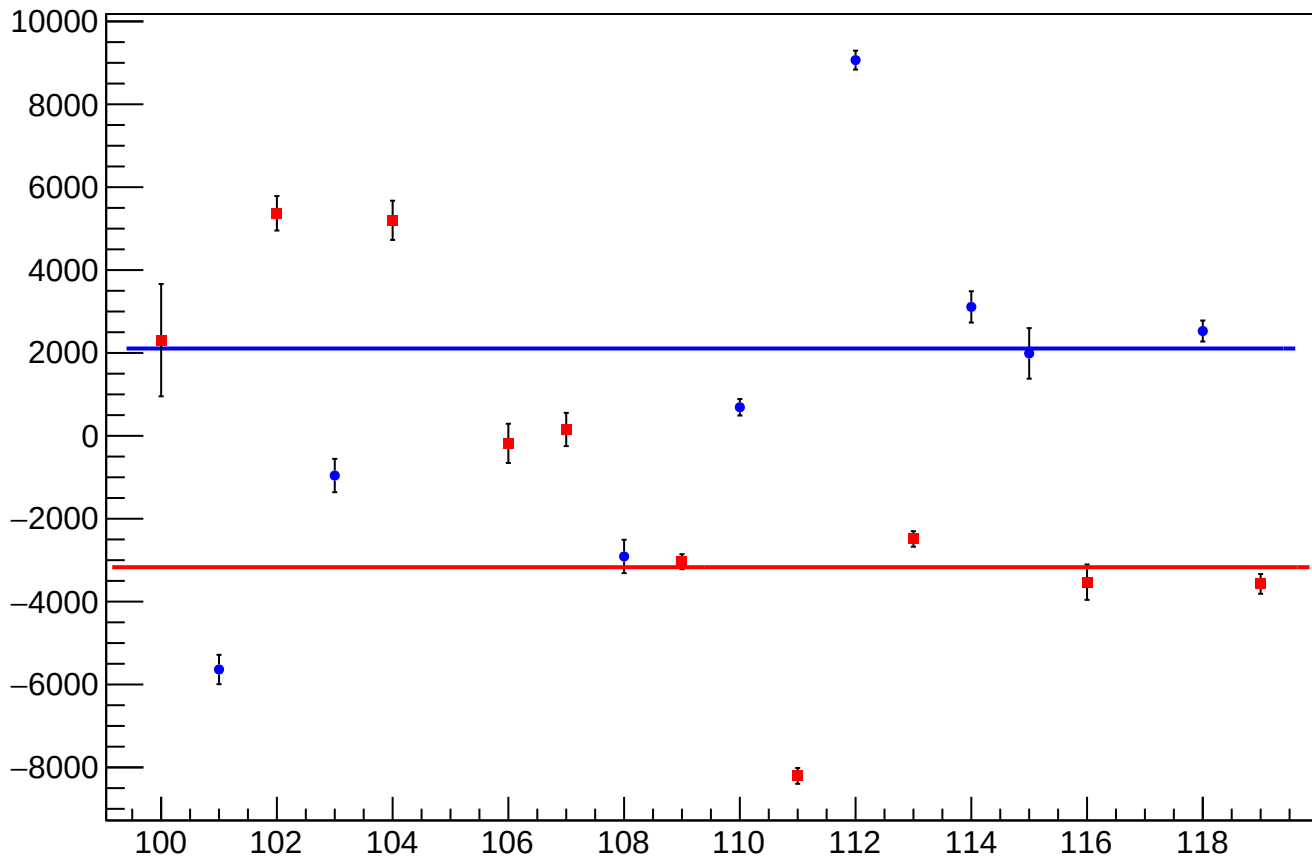
Right: 162.560+/-0.045 χ^2/NDF : 1348400.7/17

In: 167.252+/-0.069 χ^2/NDF : 514336.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.560+/-0.045 χ^2/NDF : 1348400.7/17

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 2107.451+/-105.480 χ^2/NDF : 1683.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3169.821+/-87.316 χ^2/NDF : 1572.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

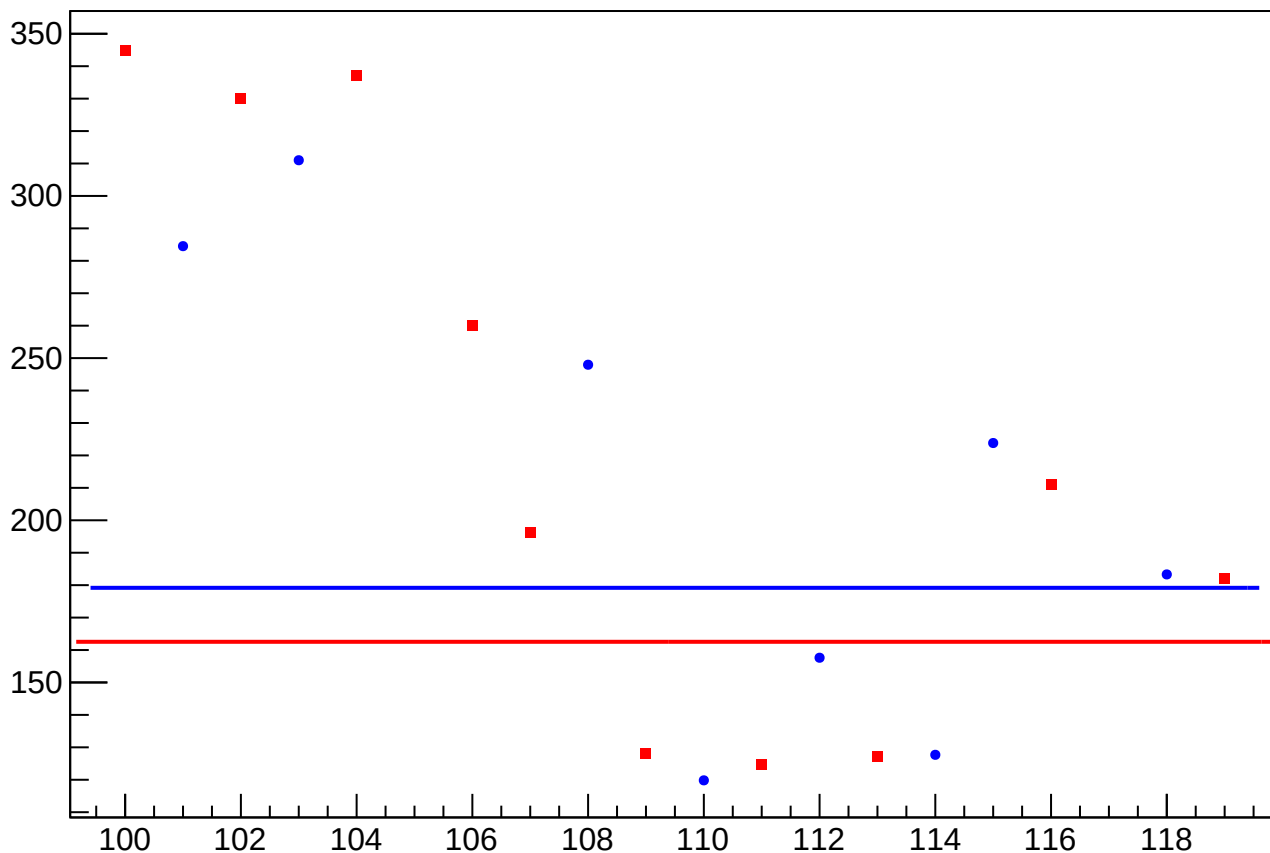
Right: -1023.984+/-67.261 χ^2/NDF : 4741.1/17

In: 2107.451+/-105.480 χ^2/NDF : 1683.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1023.984+/-67.261 χ^2/NDF : 4741.1/17

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 179.179+/-0.075 χ^2/NDF : 693016.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.537+/-0.062 χ^2/NDF : 993754.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

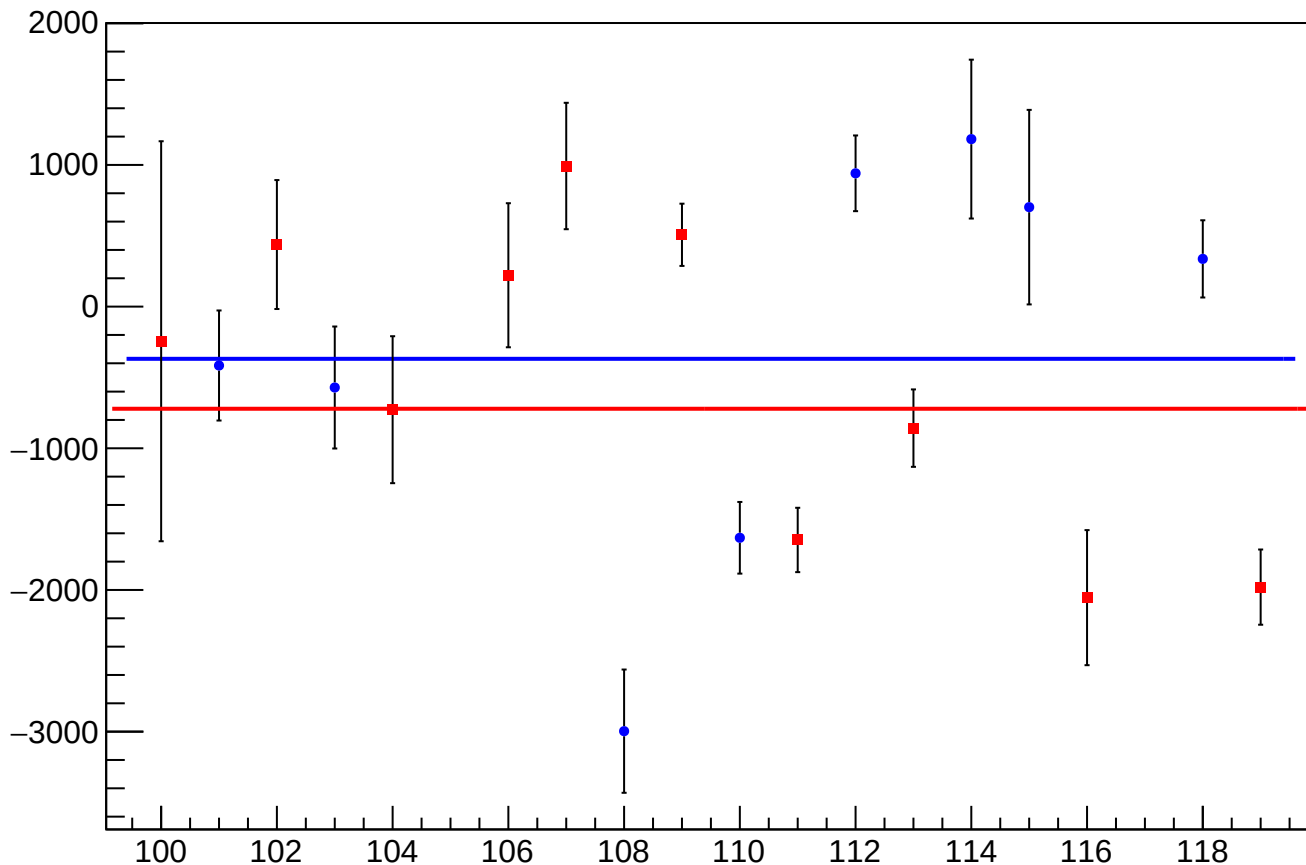
Right: 169.304+/-0.048 χ^2/NDF : 1716314.8/17

In: 179.179+/-0.075 χ^2/NDF : 693016.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.304+/-0.048 χ^2/NDF : 1716314.8/17

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -368.508+/-123.351 χ^2 /NDF: 102.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -720.980+/-105.384 χ^2 /NDF: 103.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

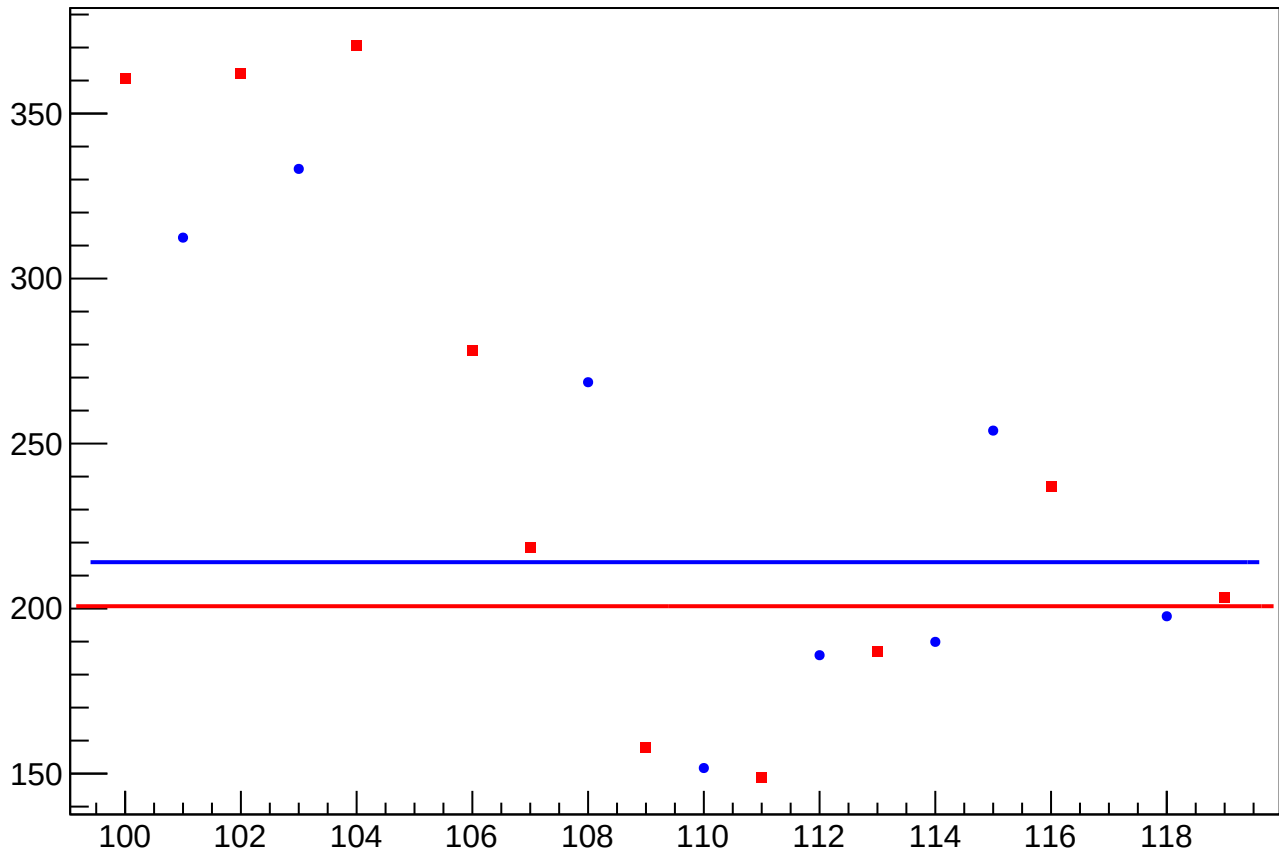
Right: -572.261+/-80.124 χ^2 /NDF: 210.4/17

In: -368.508+/-123.351 χ^2 /NDF:102.5/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -572.261+/-80.124 χ^2 /NDF: 210.4/17

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 214.064+/-0.087 χ^2/NDF : 474495.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 200.722+/-0.075 χ^2/NDF : 737513.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

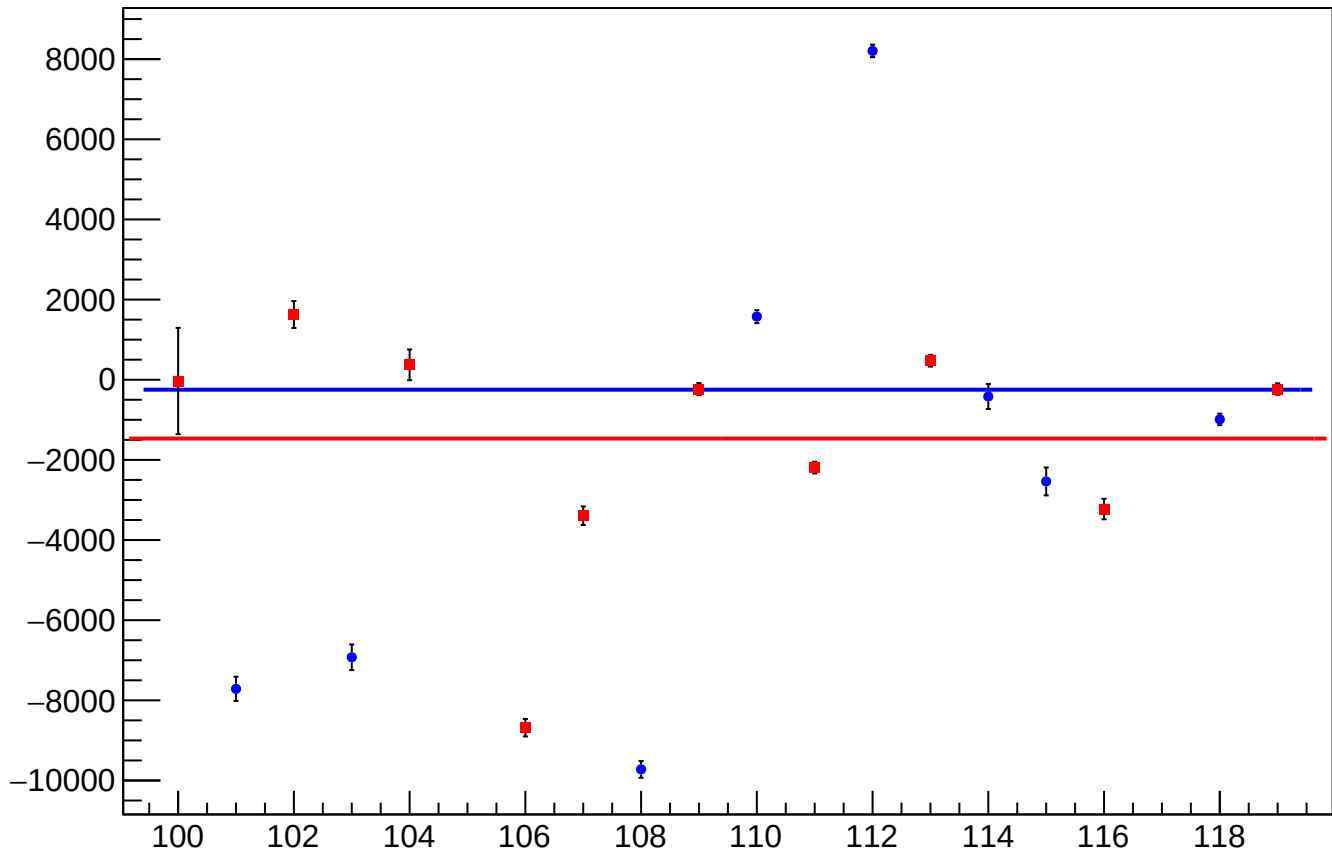
Right: 206.351+/-0.057 χ^2/NDF : 1225534.1/17

In: 214.064+/-0.087 χ^2/NDF : 474495.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.351+/-0.057 χ^2/NDF : 1225534.1/17

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -248.400+/-72.661 χ^2/NDF : 6239.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1467.325+/-62.193 χ^2/NDF : 1655.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

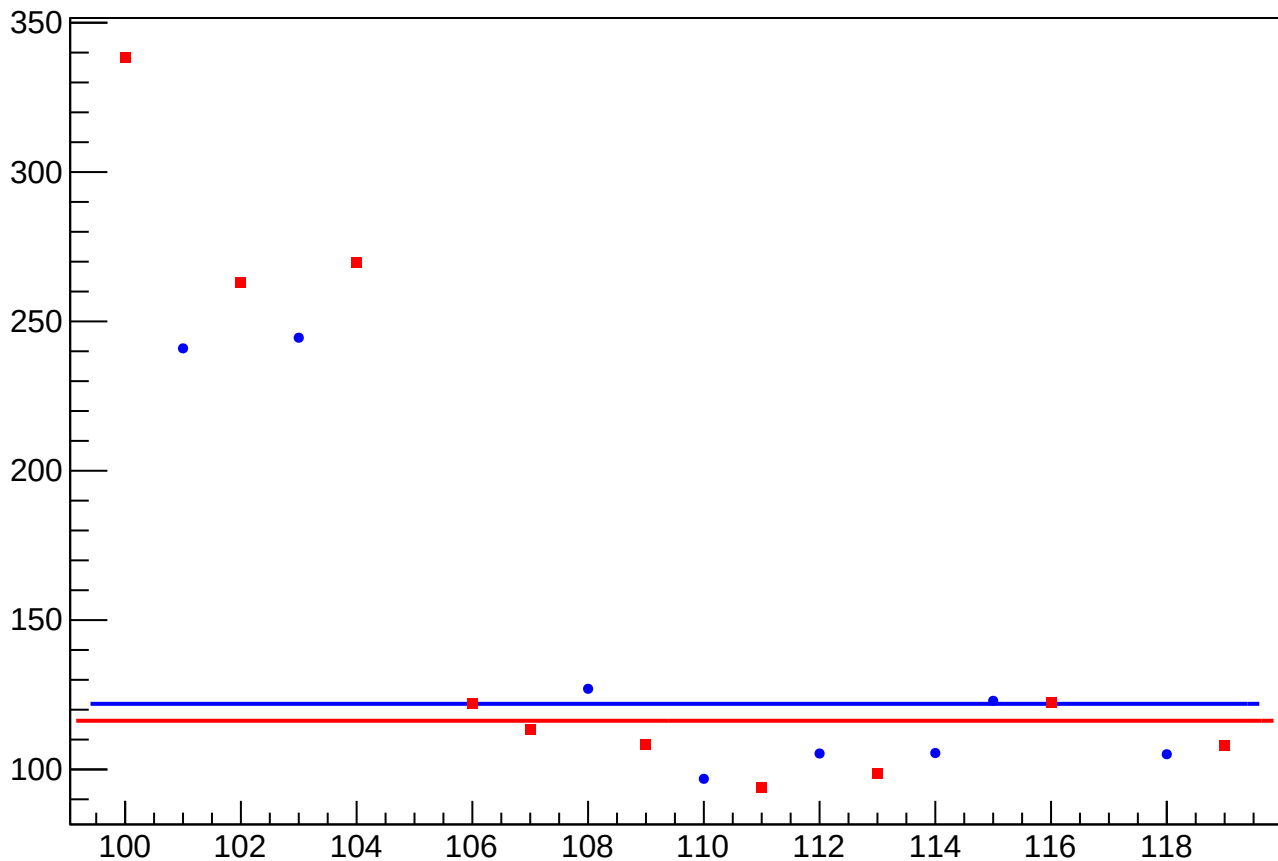
Right: -951.910+/-47.249 χ^2/NDF : 8057.3/17

In: -248.400+/-72.661 χ^2/NDF : 6239.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -951.910+/-47.249 χ^2/NDF : 8057.3/17

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 121.968+/-0.051 χ^2/NDF : 708485.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.300+/-0.044 χ^2/NDF : 850391.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

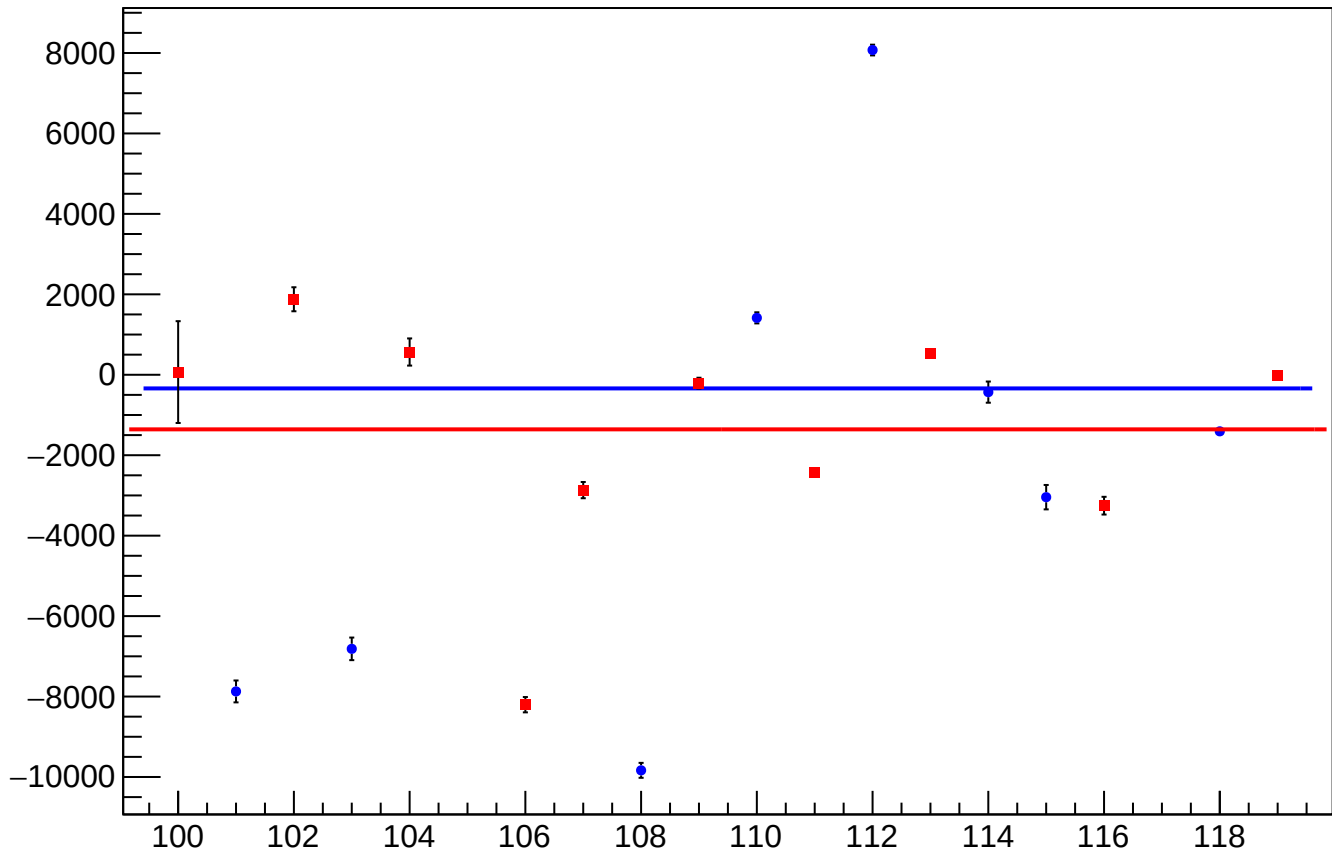
Right: 118.697+/-0.033 χ^2/NDF : 1565900.1/17

In: 121.968+/-0.051 χ^2/NDF : 708485.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.697+/-0.033 χ^2/NDF : 1565900.1/17

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -339.255+/-62.313 χ^2/NDF : 8200.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1357.074+/-53.257 χ^2/NDF : 2079.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

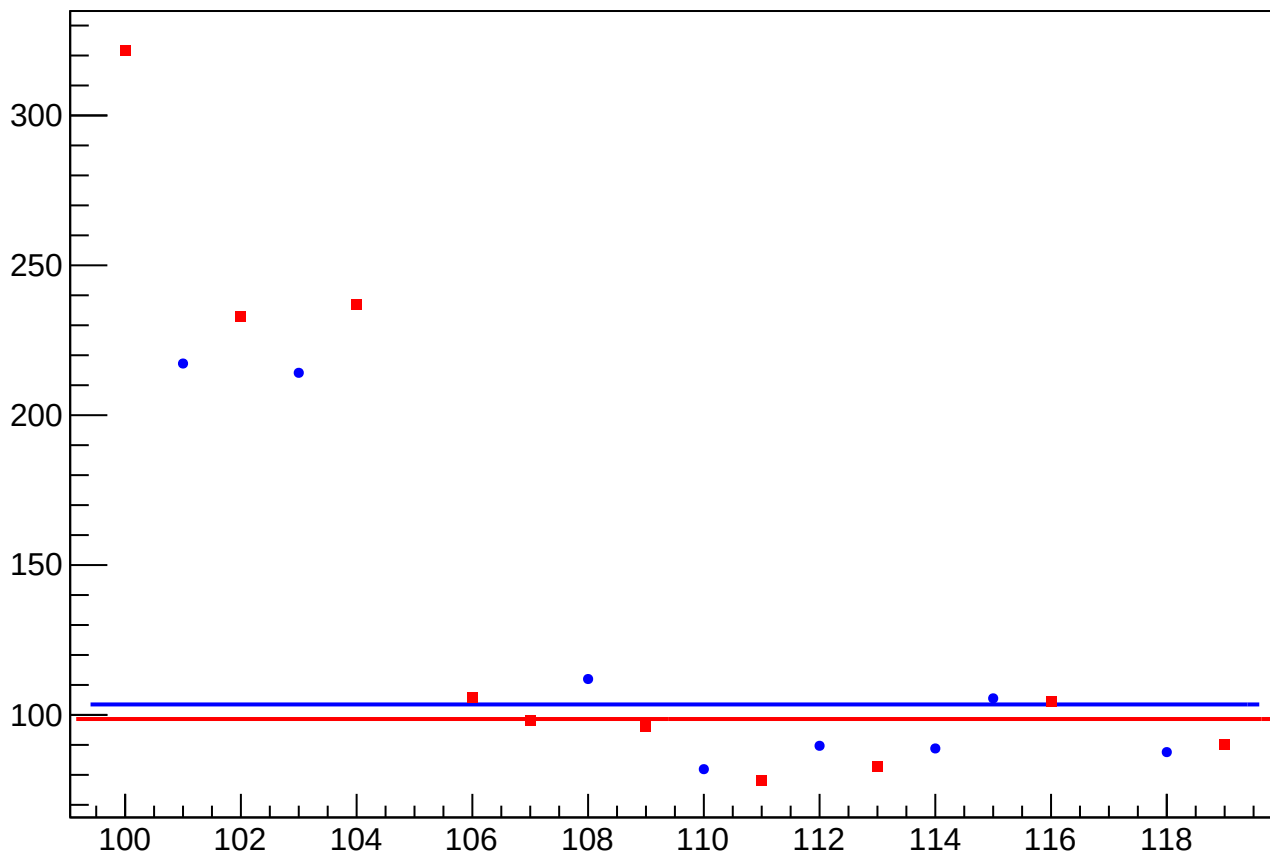
Right: -927.431+/-40.485 χ^2/NDF : 10434.3/17

In: -339.255+/-62.313 χ^2/NDF :8200.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -927.431+/-40.485 χ^2/NDF : 10434.3/17

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 103.496+/-0.044 χ^2/NDF : 775267.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.635+/-0.038 χ^2/NDF : 907614.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

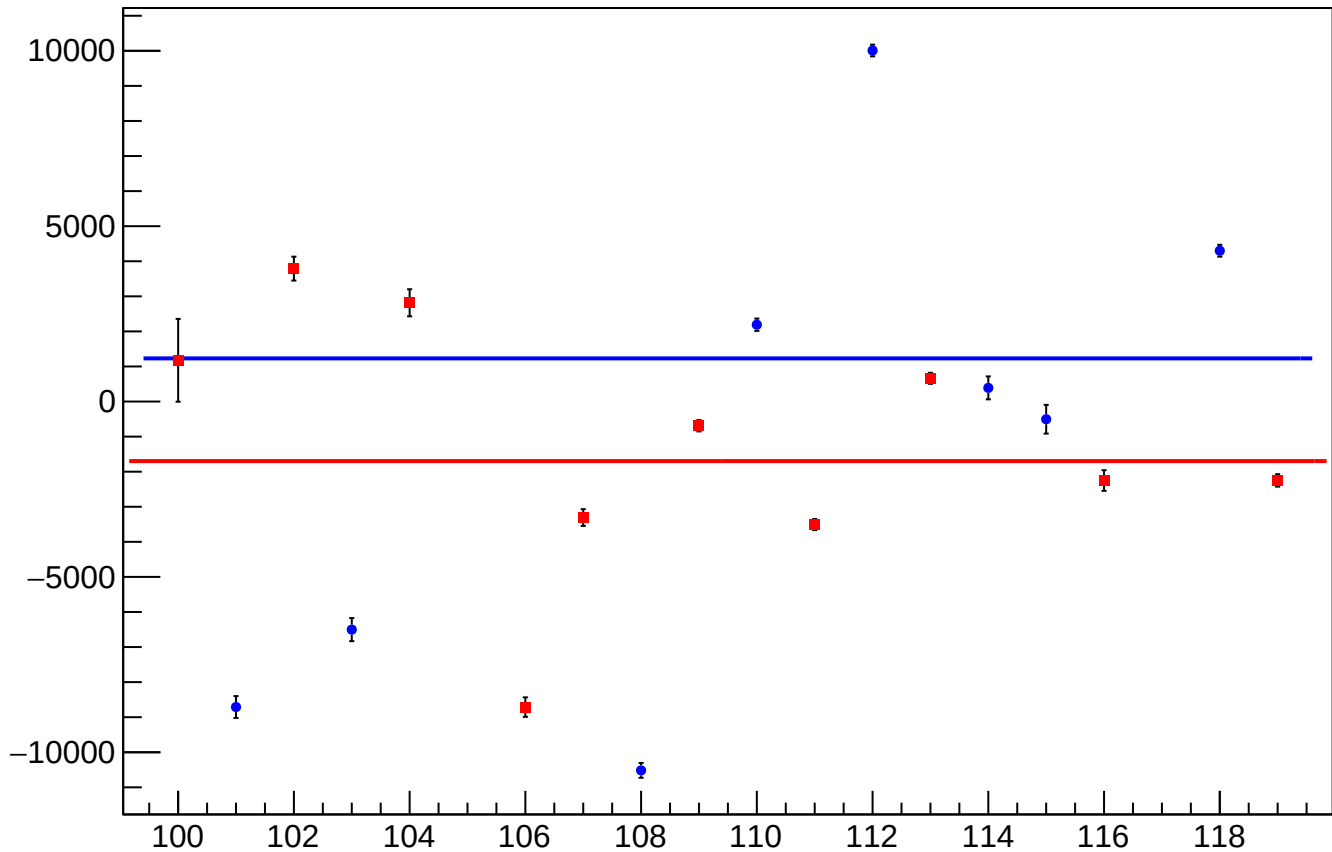
Right: 100.687+/-0.029 χ^2/NDF : 1689913.5/17

In: 103.496+/-0.044 χ^2/NDF : 775267.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.687+/-0.029 χ^2/NDF : 1689913.5/17

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 1230.512+/-78.918 χ^2/NDF : 7798.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1697.615+/-69.184 χ^2/NDF : 1494.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

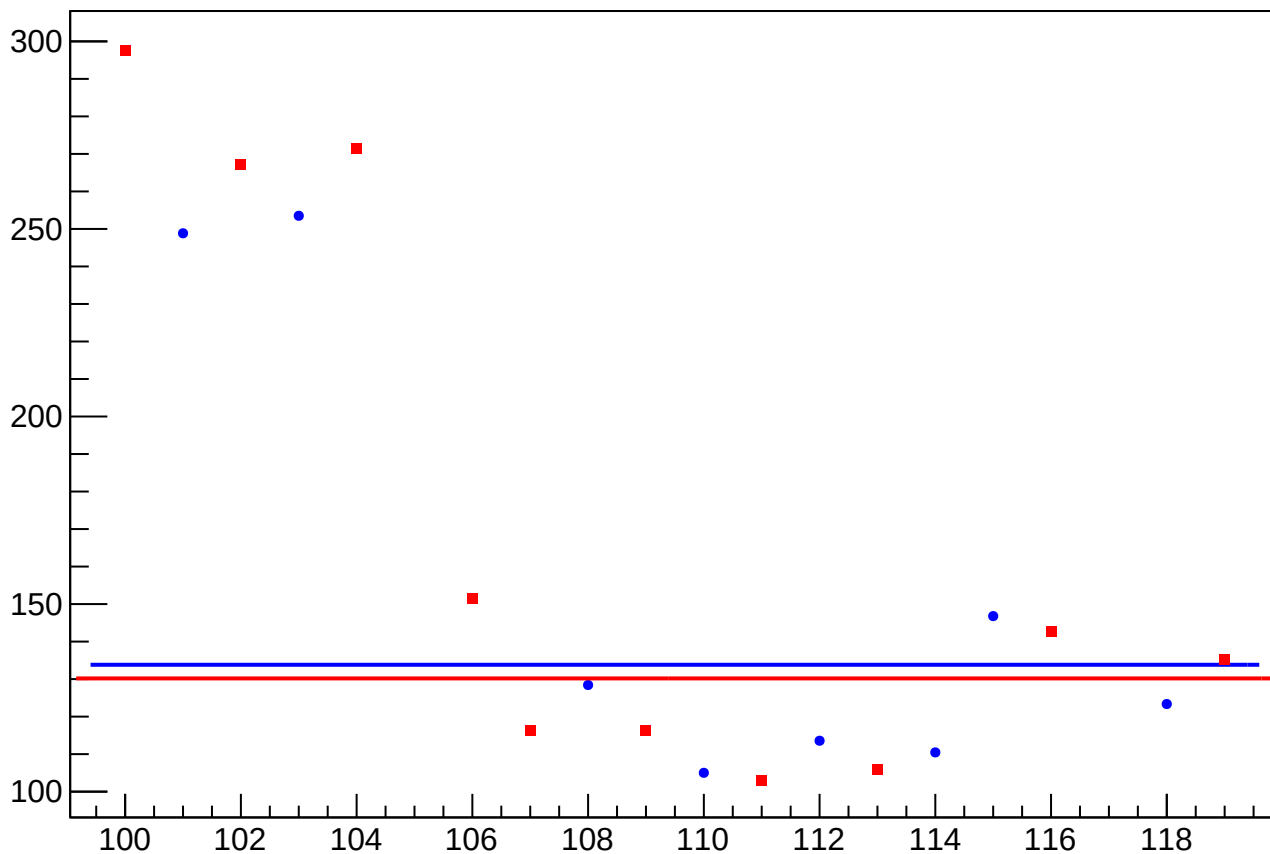
Right: -425.171+/-52.024 χ^2/NDF : 10071.2/17

In: 1230.512+/-78.918 χ^2/NDF : 7798.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -425.171+/-52.024 χ^2/NDF : 10071.2/17

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 133.821+/-0.056 χ^2/NDF : 641841.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.182+/-0.049 χ^2/NDF : 776019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

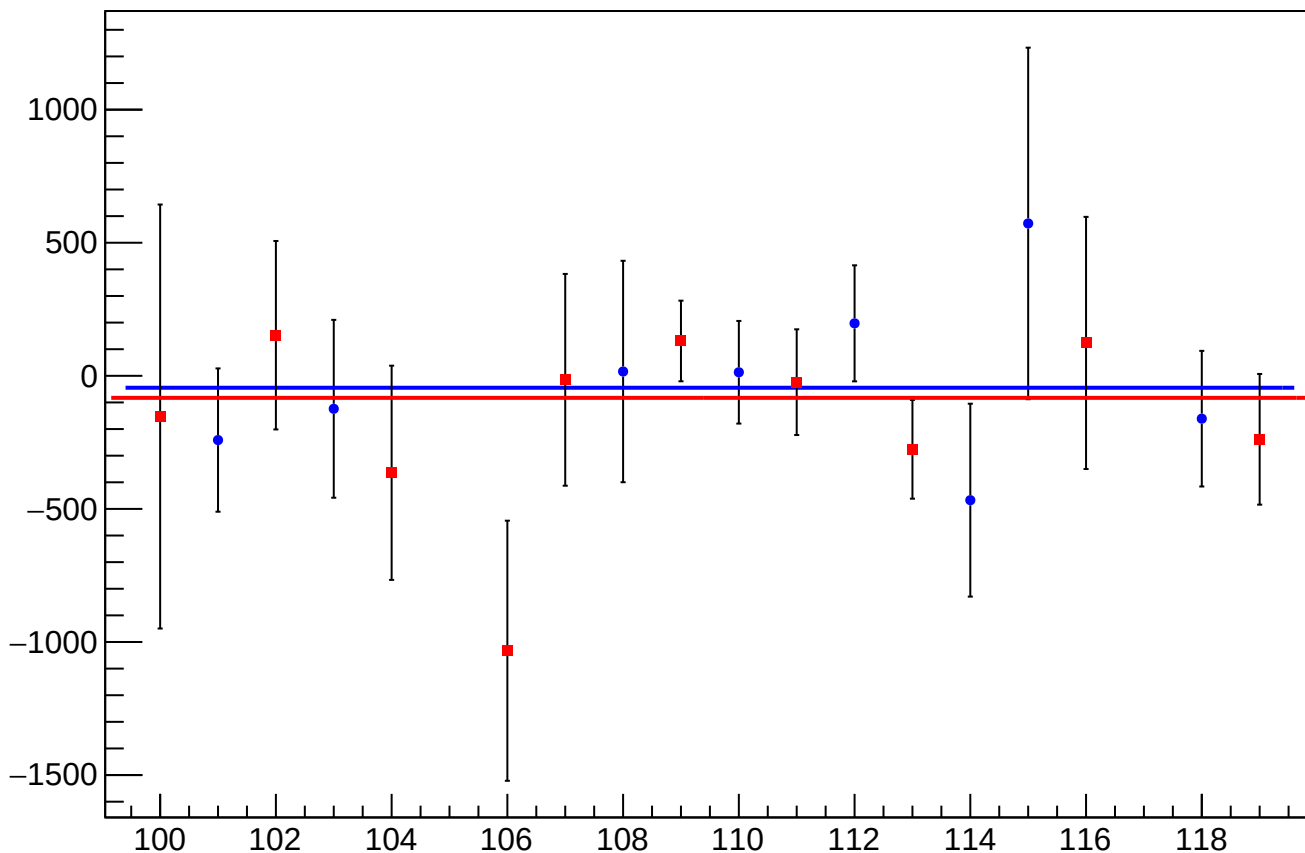
Right: 131.763+/-0.037 χ^2/NDF : 1420266.0/17

In: 133.821+/-0.056 χ^2/NDF : 641841.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.763+/-0.037 χ^2/NDF : 1420266.0/17

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -44.794 $\pm$ 99.118 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -82.699 $\pm$ 82.957 χ^2 /NDF: 8.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

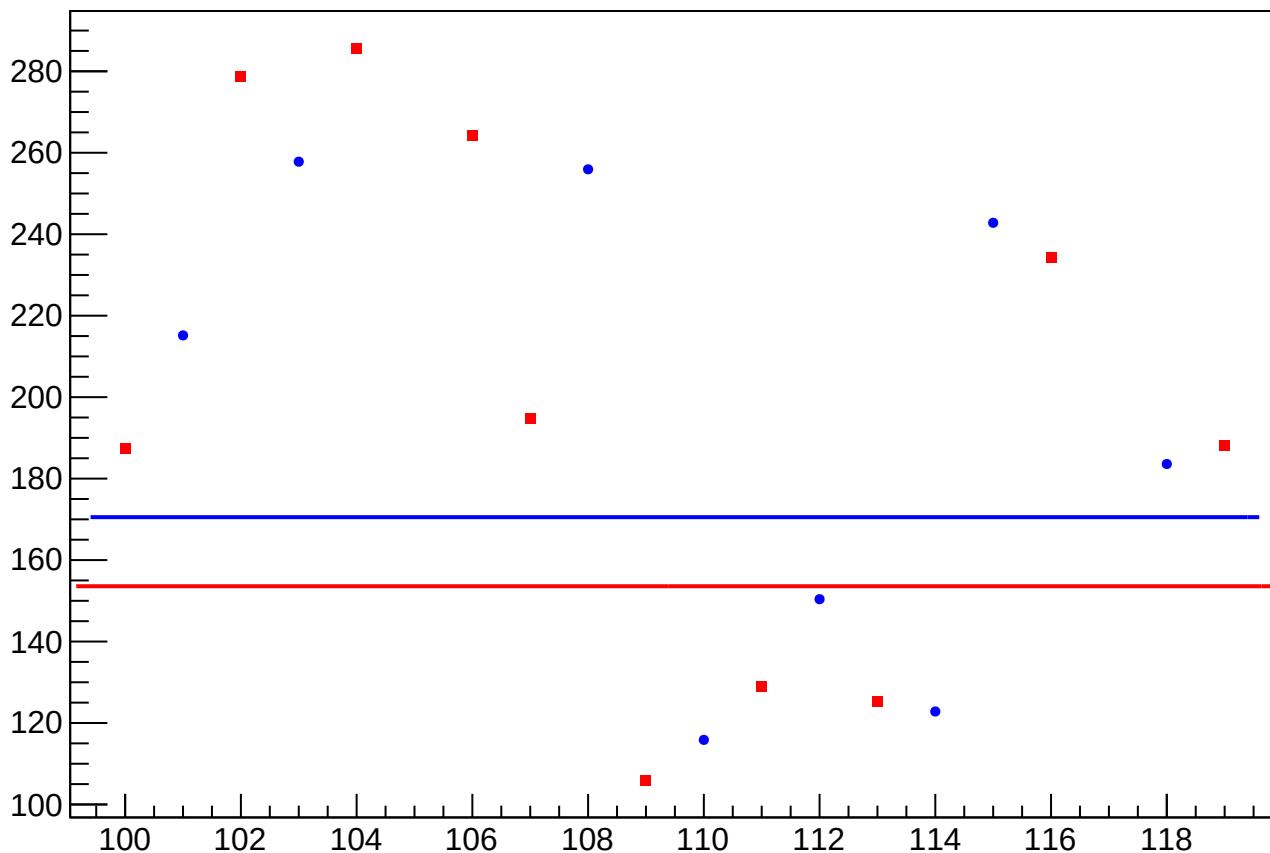
Right: -67.085 $\pm$ 63.616 χ^2 /NDF: 13.0/17

In: -44.794 $\pm$ 99.118 χ^2 /NDF:4.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.085 $\pm$ 63.616 χ^2 /NDF: 13.0/17

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.538 $\pm$ 0.070 χ^2 /NDF: 517517.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 153.576 $\pm$ 0.059 χ^2 /NDF: 965577.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

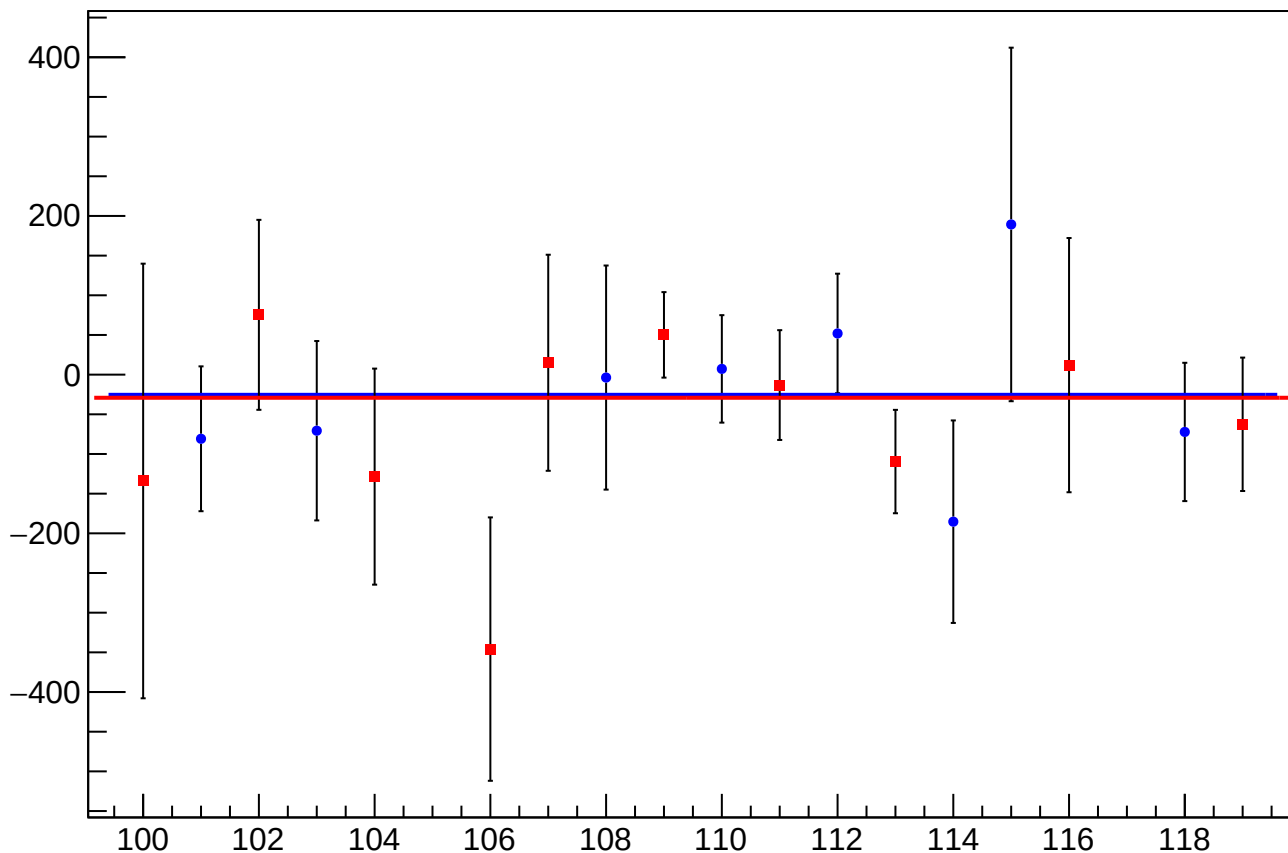
Right: 160.563 $\pm$ 0.045 χ^2 /NDF: 1517540.8/17

In: 170.538 $\pm$ 0.070 χ^2 /NDF:517517.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.563 $\pm$ 0.045 χ^2 /NDF: 1517540.8/17

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -25.436 $\pm$ 34.180 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.146 $\pm$ 28.907 χ^2 /NDF: 9.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

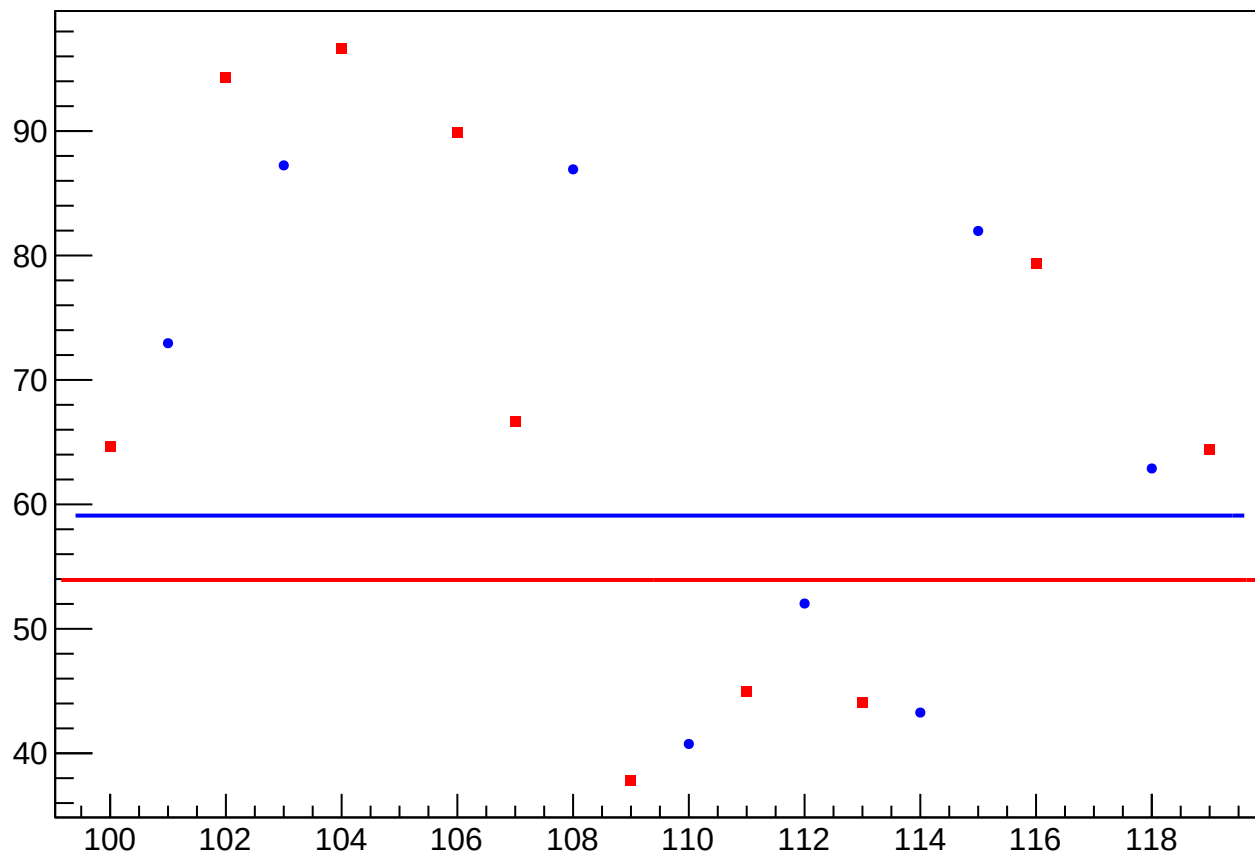
Right: -27.599 $\pm$ 22.072 χ^2 /NDF: 13.8/17

In: -25.436 $\pm$ 34.180 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.599 $\pm$ 22.072 χ^2 /NDF: 13.8/17

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 59.101+/-0.024 χ^2/NDF : 467743.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.927+/-0.020 χ^2/NDF : 877492.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

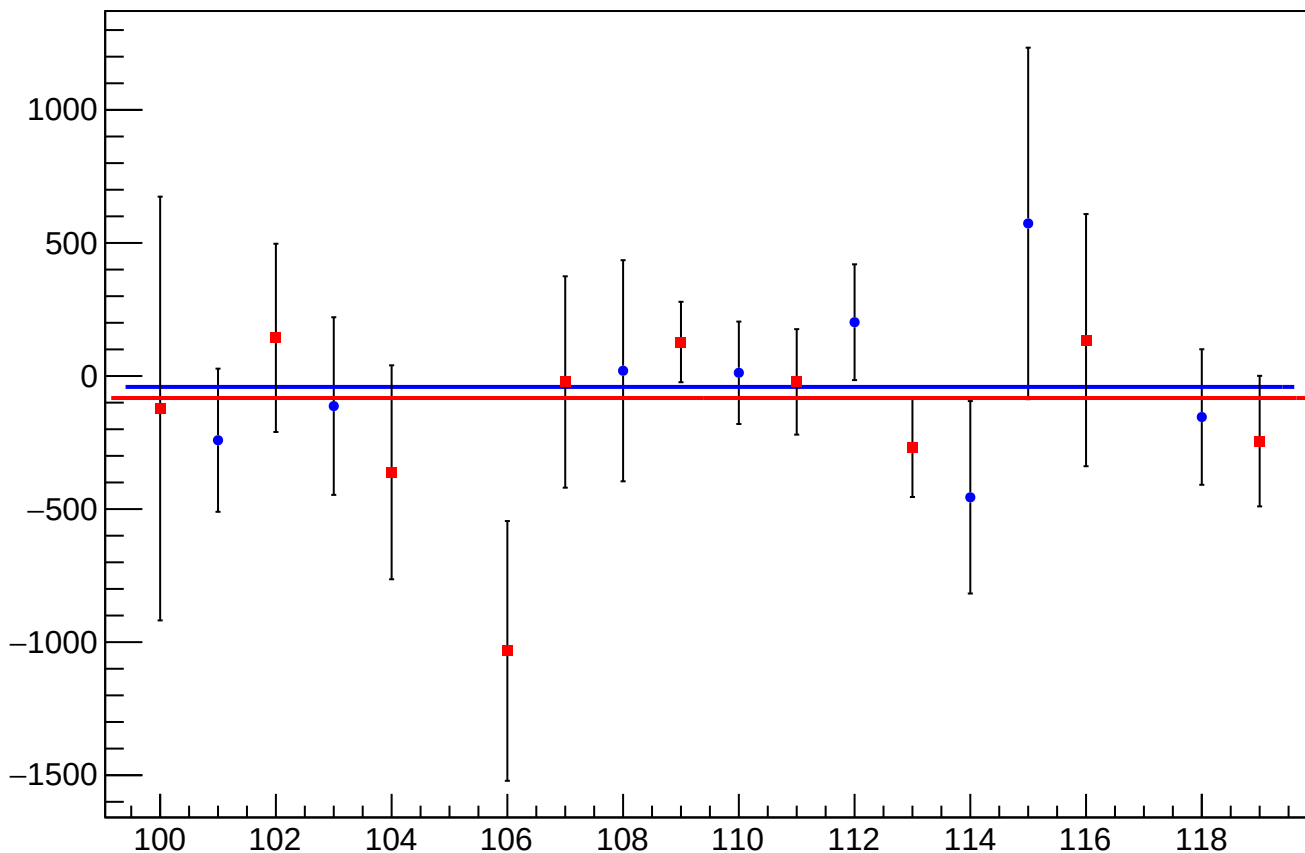
Right: 56.084+/-0.016 χ^2/NDF : 1371954.7/17

In: 59.101+/-0.024 χ^2/NDF : 467743.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.084+/-0.016 χ^2/NDF : 1371954.7/17

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -40.965+/-98.969 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.648+/-82.811 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

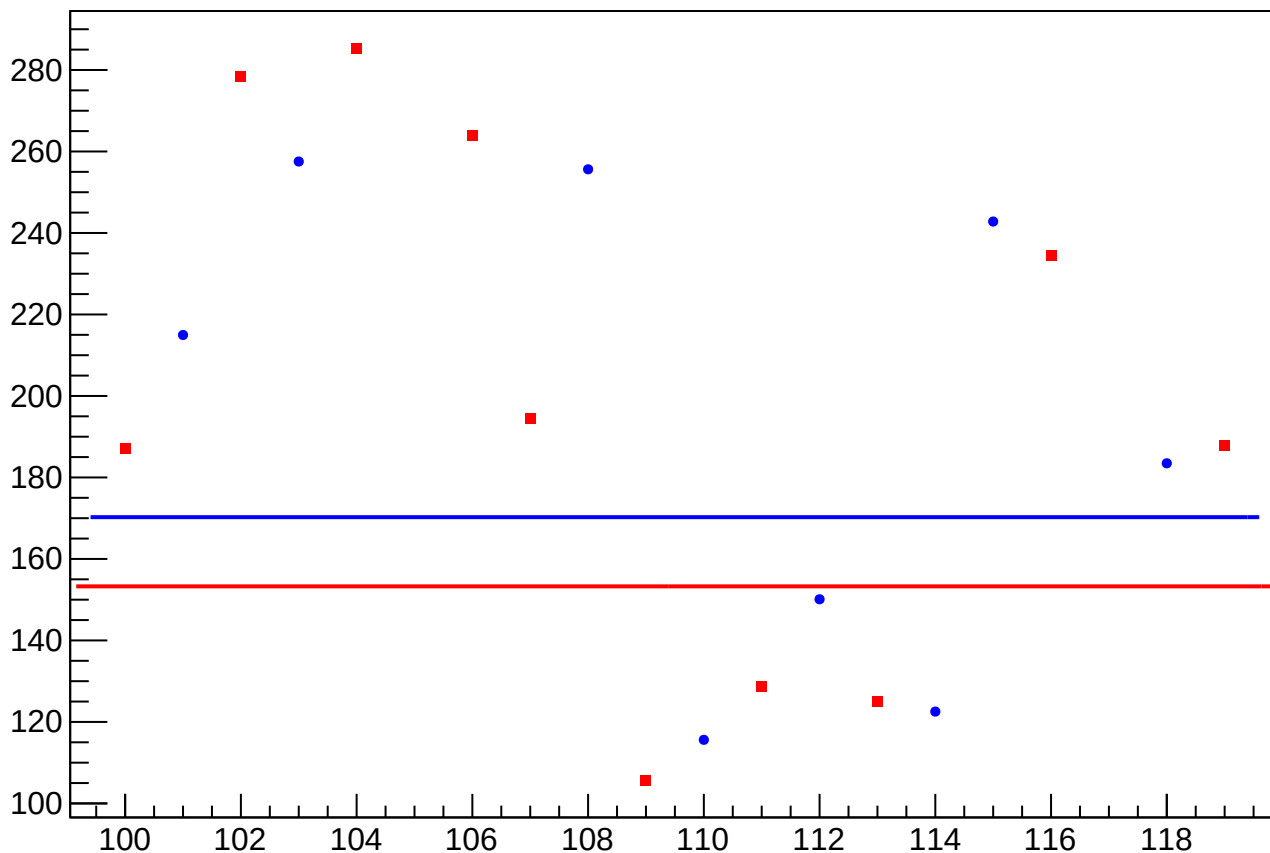
Right: -65.483+/-63.511 χ^2/NDF : 12.8/17

In: -40.965+/-98.969 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.483+/-63.511 χ^2/NDF : 12.8/17

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 170.254+/-0.070 χ^2/NDF : 519334.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.271+/-0.059 χ^2/NDF : 968431.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

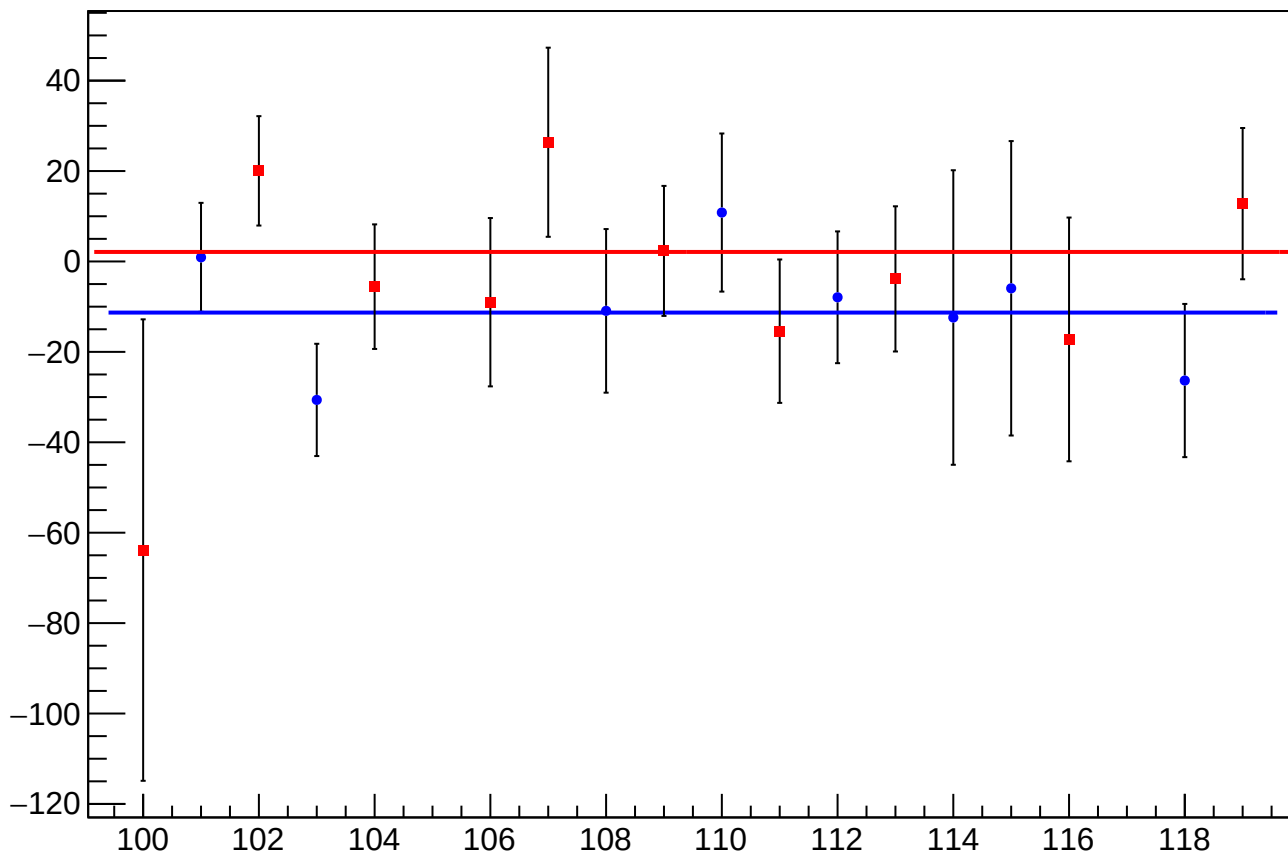
Right: 160.265+/-0.045 χ^2/NDF : 1522405.7/17

In: 170.254+/-0.070 χ^2/NDF : 519334.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.265+/-0.045 χ^2/NDF : 1522405.7/17

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -11.308+/-5.795 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.105+/-5.323 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

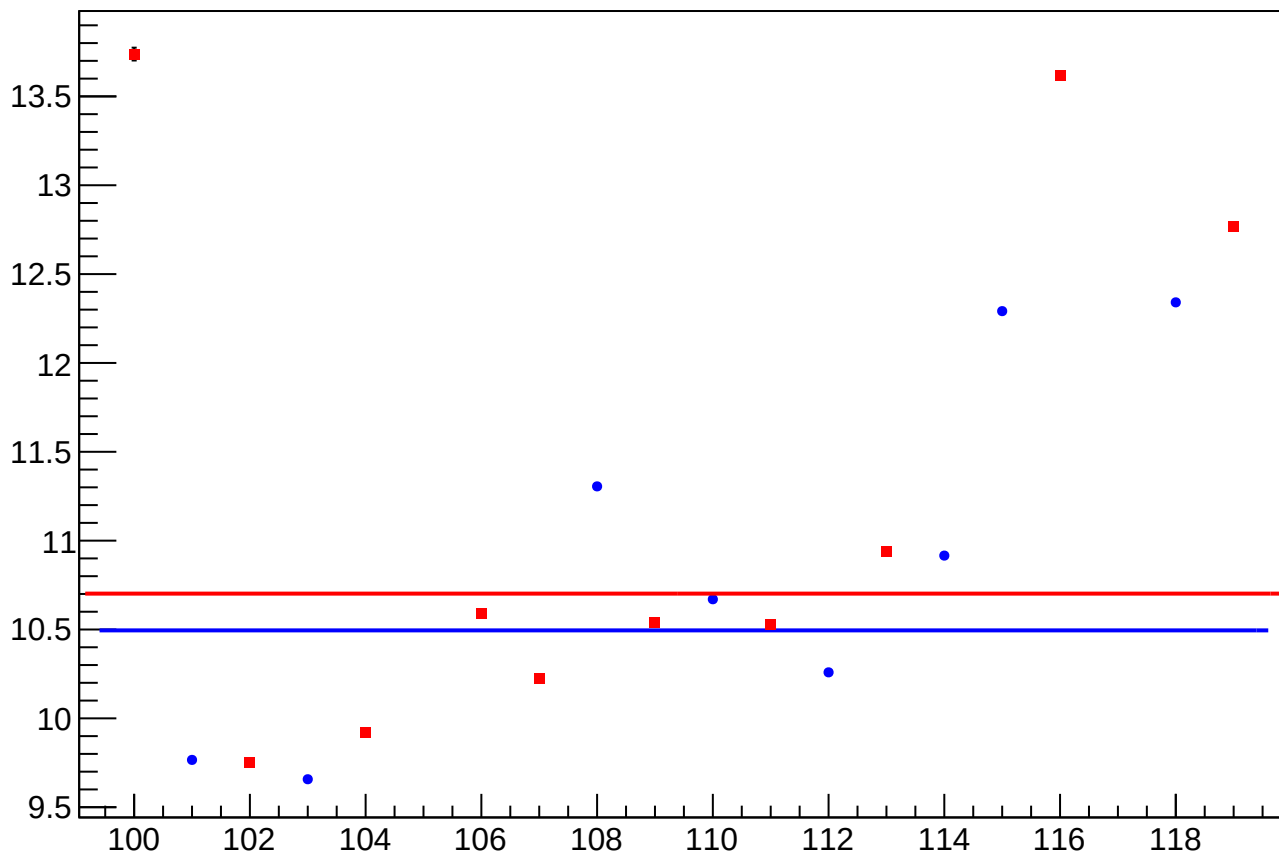
Right: -4.033+/-3.921 χ^2/NDF : 17.0/17

In: -11.308+/-5.795 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.033+/-3.921 χ^2/NDF : 17.0/17

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.495 $\pm$ 0.004 χ^2 /NDF: 51310.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.702 $\pm$ 0.004 χ^2 /NDF: 81782.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

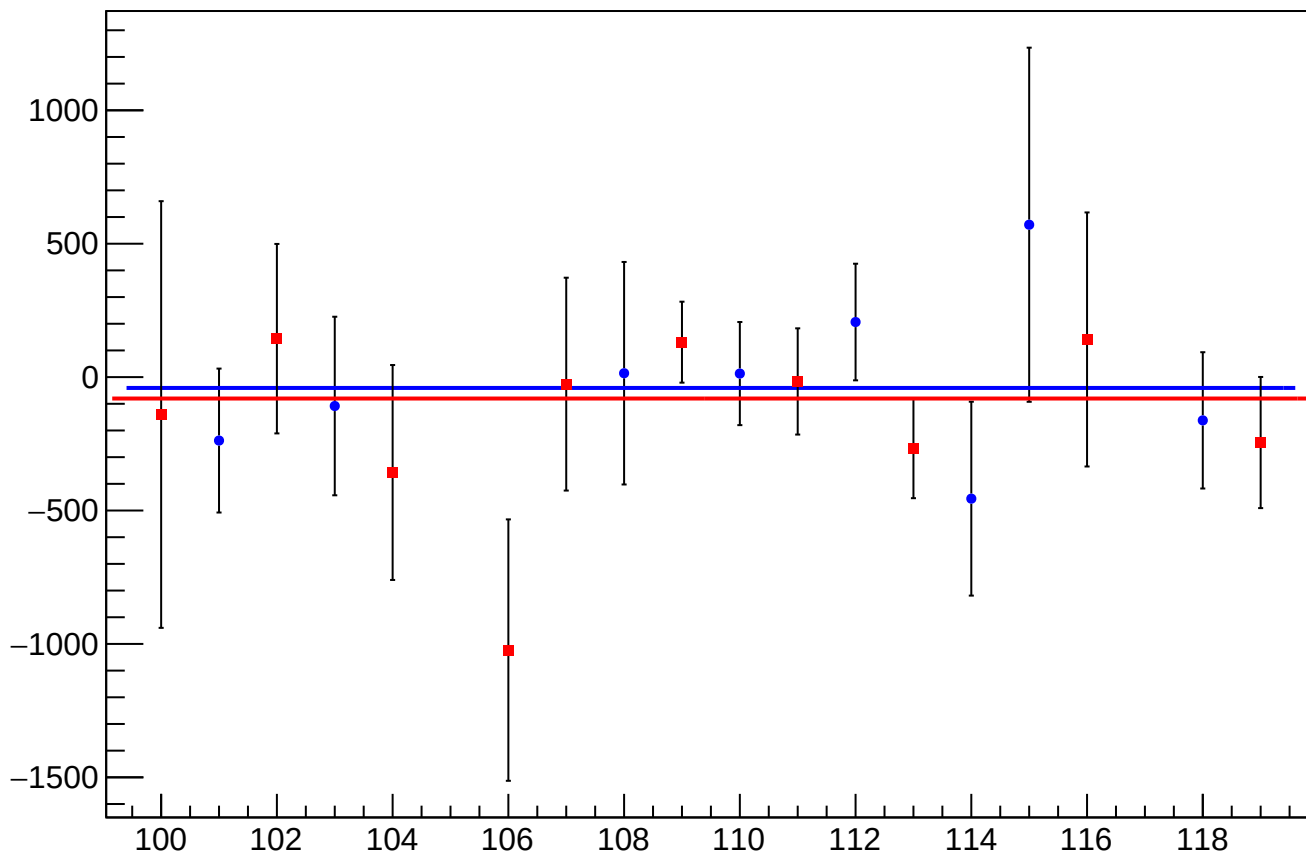
Right: 10.607 $\pm$ 0.003 χ^2 /NDF: 134475.2/17

In: 10.495 $\pm$ 0.004 χ^2 /NDF:51310.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.607 $\pm$ 0.003 χ^2 /NDF: 134475.2/17

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -40.578+/-99.346 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.237+/-83.143 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

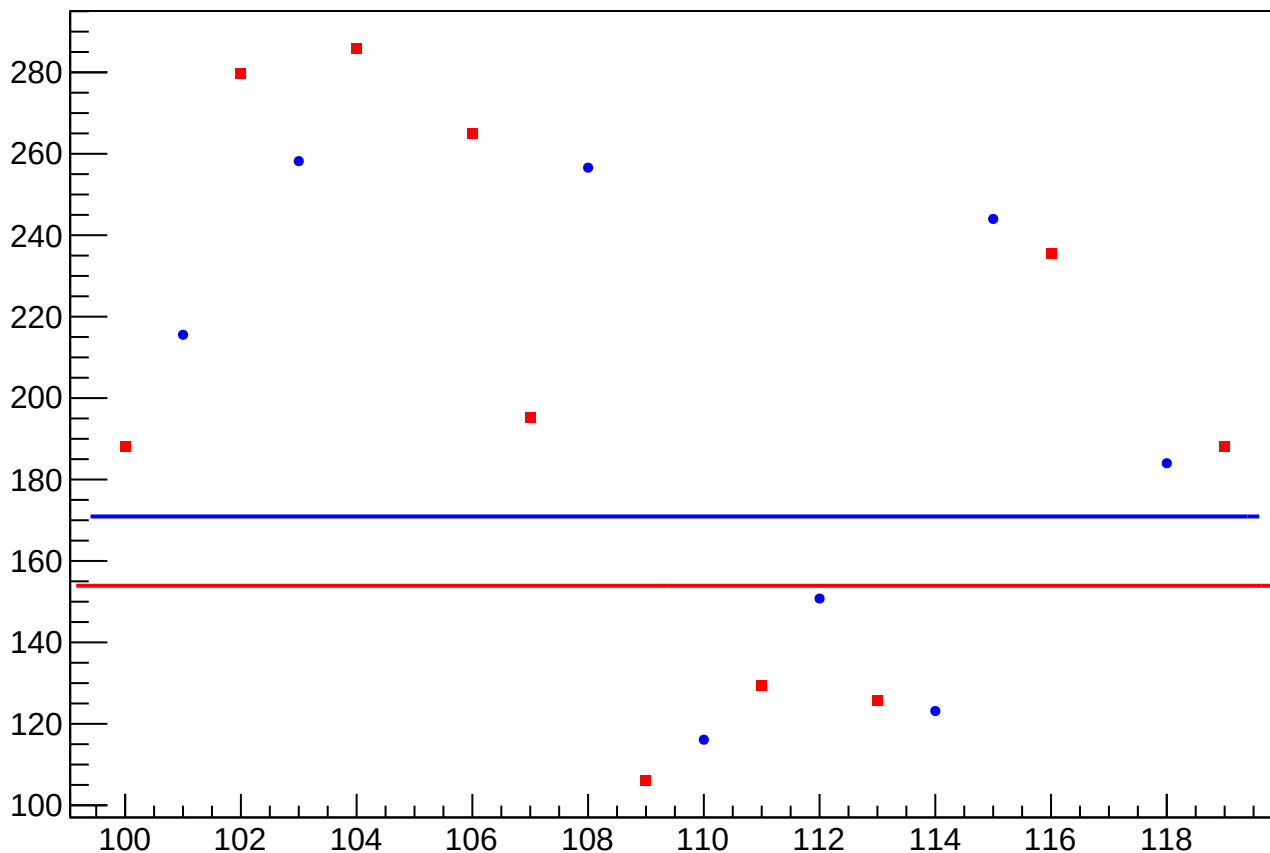
Right: -63.901+/-63.760 χ^2/NDF : 12.7/17

In: -40.578+/-99.346 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.901+/-63.760 χ^2/NDF : 12.7/17

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 170.927+/-0.070 χ^2/NDF : 517263.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.912+/-0.059 χ^2/NDF : 965903.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

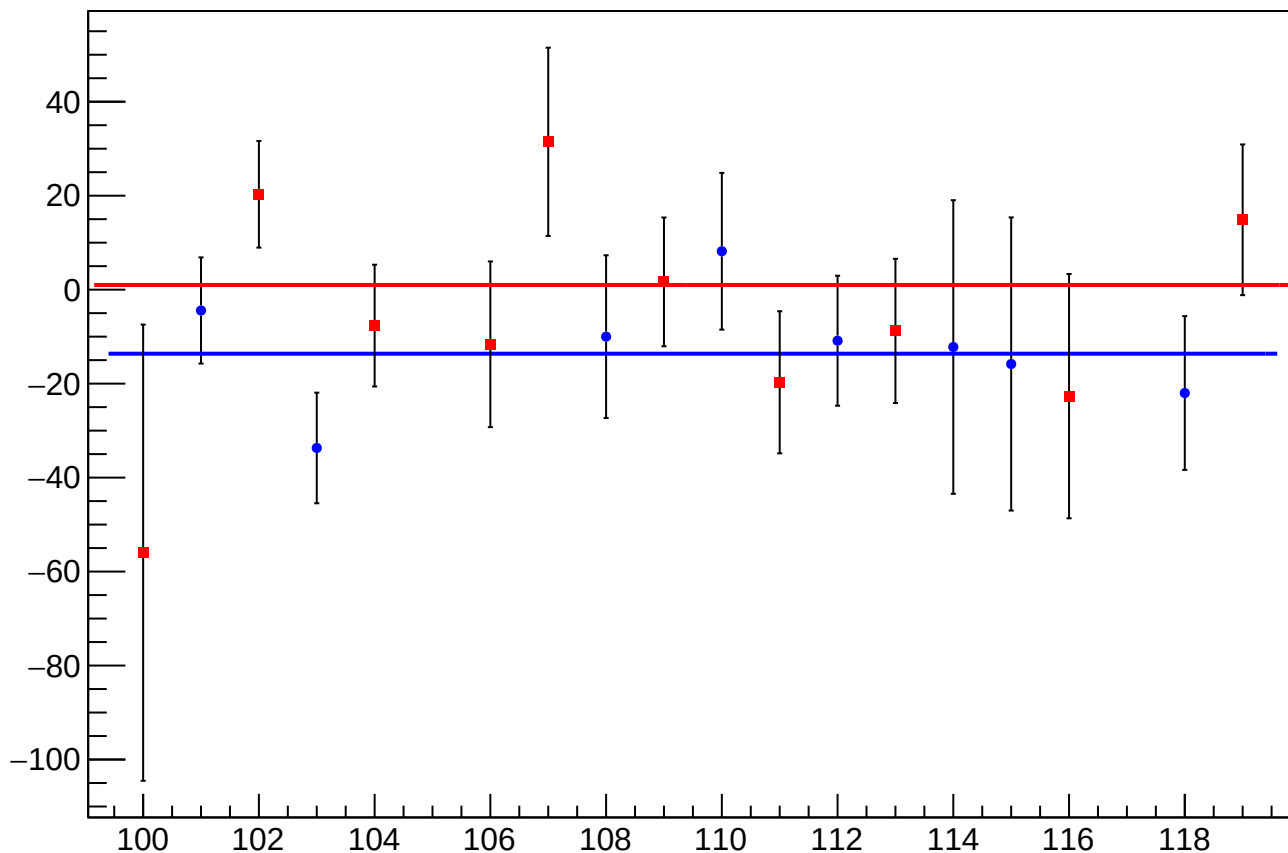
Right: 160.920+/-0.045 χ^2/NDF : 1517668.3/17

In: 170.927+/-0.070 χ^2/NDF : 517263.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.920+/-0.045 χ^2/NDF : 1517668.3/17

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -13.630 $\pm$ 5.506 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.992 $\pm$ 5.053 χ^2 /NDF: 11.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

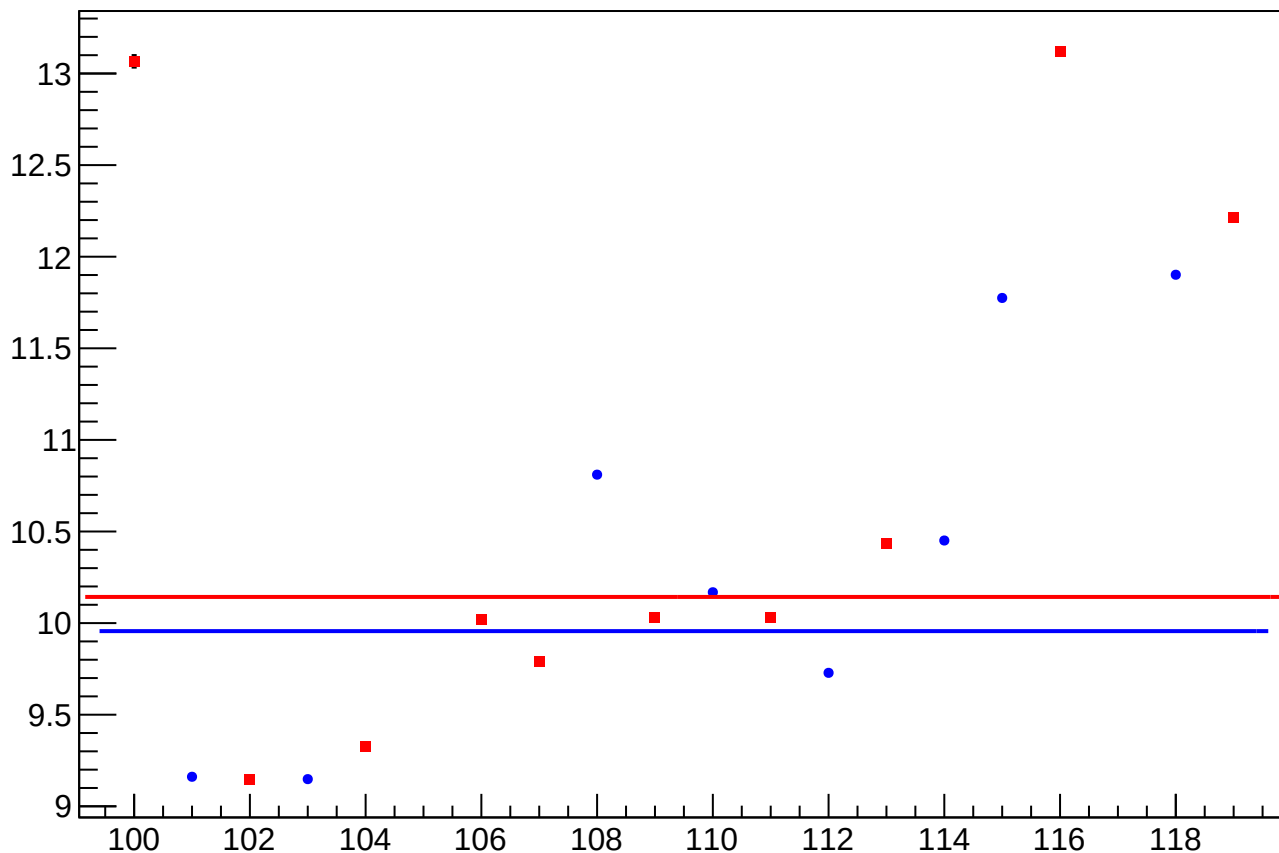
Right: -5.693 $\pm$ 3.723 χ^2 /NDF: 20.9/17

In: -13.630 $\pm$ 5.506 χ^2 /NDF:5.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.693 $\pm$ 3.723 χ^2 /NDF: 20.9/17

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 9.956+/-0.004 χ^2/NDF : 60603.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.143+/-0.004 χ^2/NDF : 91939.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

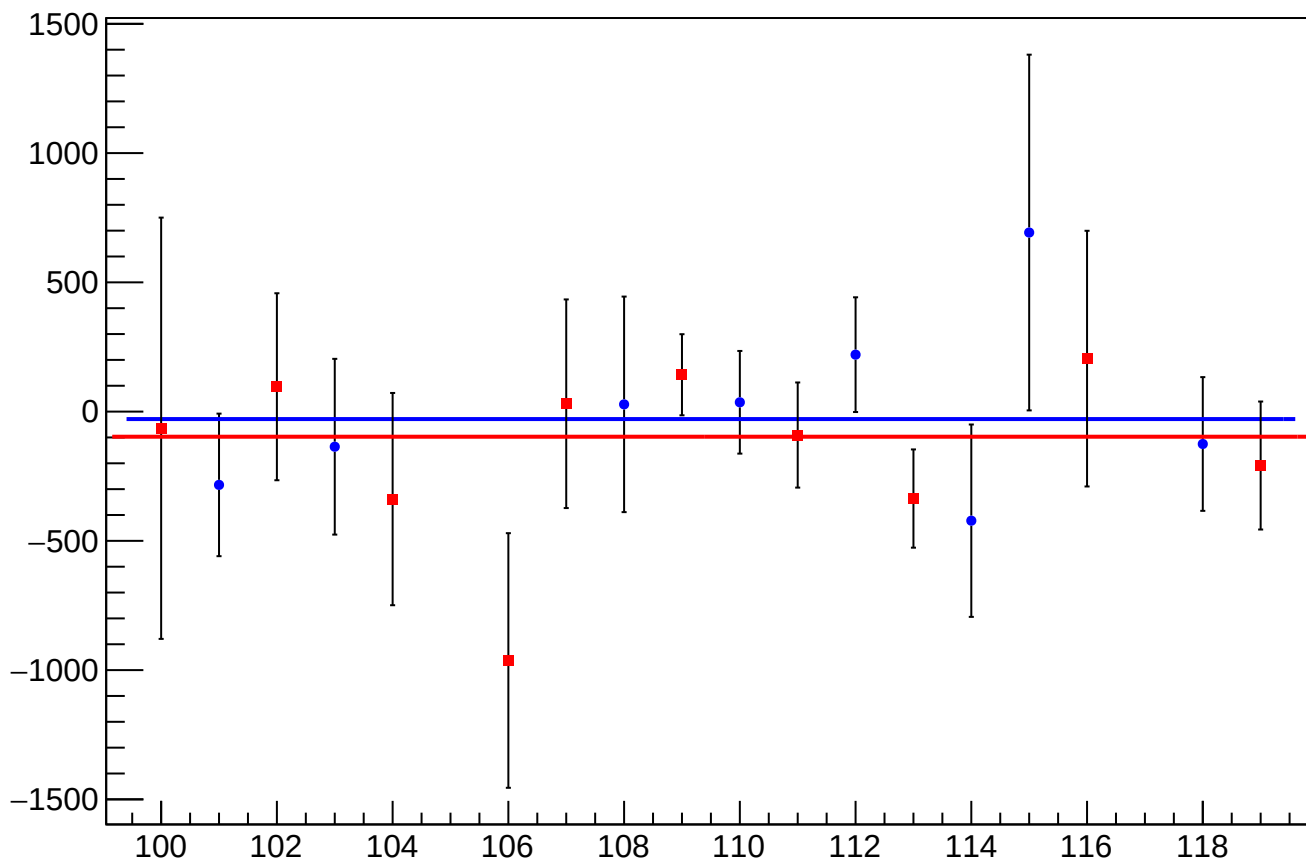
Right: 10.058+/-0.003 χ^2/NDF : 153789.6/17

In: 9.956+/-0.004 χ^2/NDF : 60603.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.058+/-0.003 χ^2/NDF : 153789.6/17

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -28.871 ± 101.266 χ^2/NDF : 4.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.153 ± 85.043 χ^2/NDF : 8.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

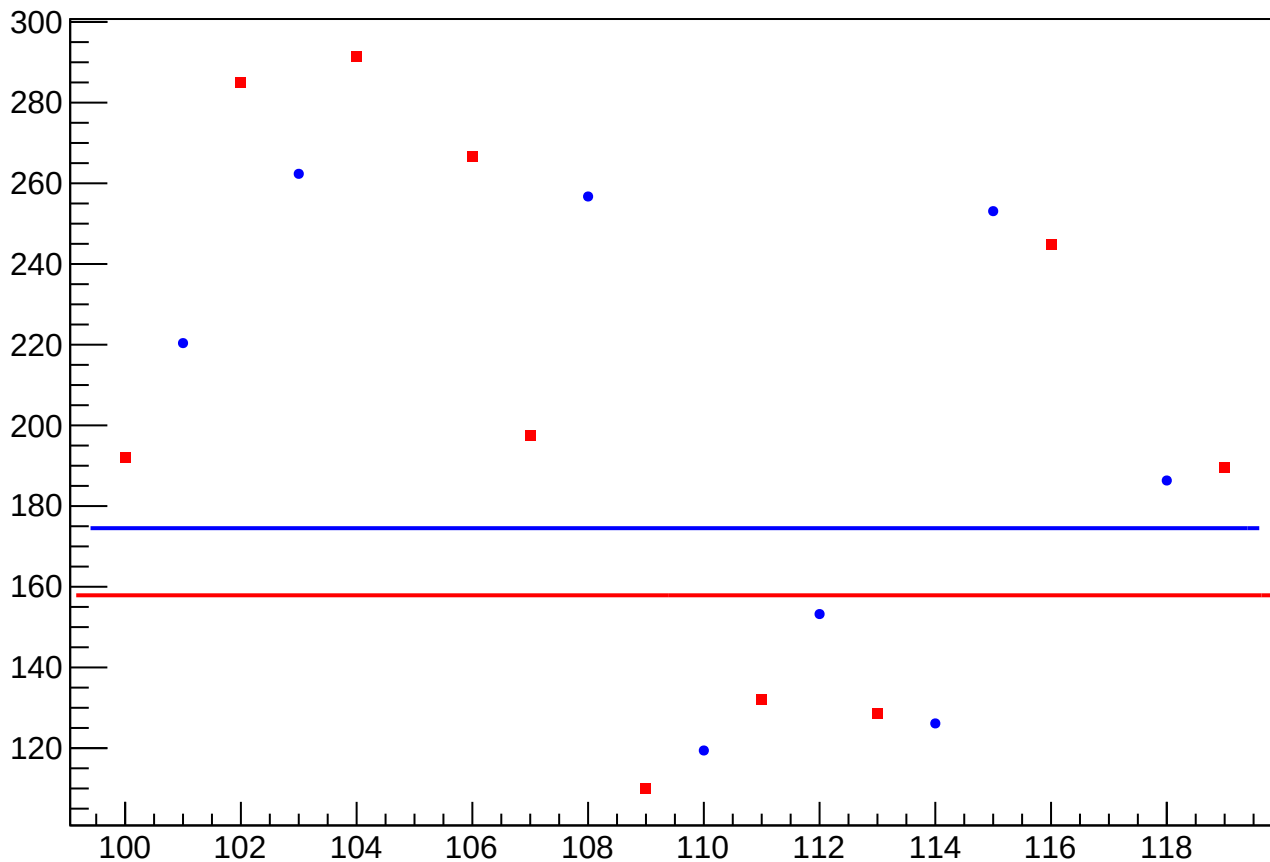
Right: -68.913 ± 65.124 χ^2/NDF : 13.3/17

In: -28.871 ± 101.266 χ^2/NDF : 4.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -68.913 ± 65.124 χ^2/NDF : 13.3/17

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 174.520+/-0.072 χ^2/NDF : 503165.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.882+/-0.060 χ^2/NDF : 938865.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

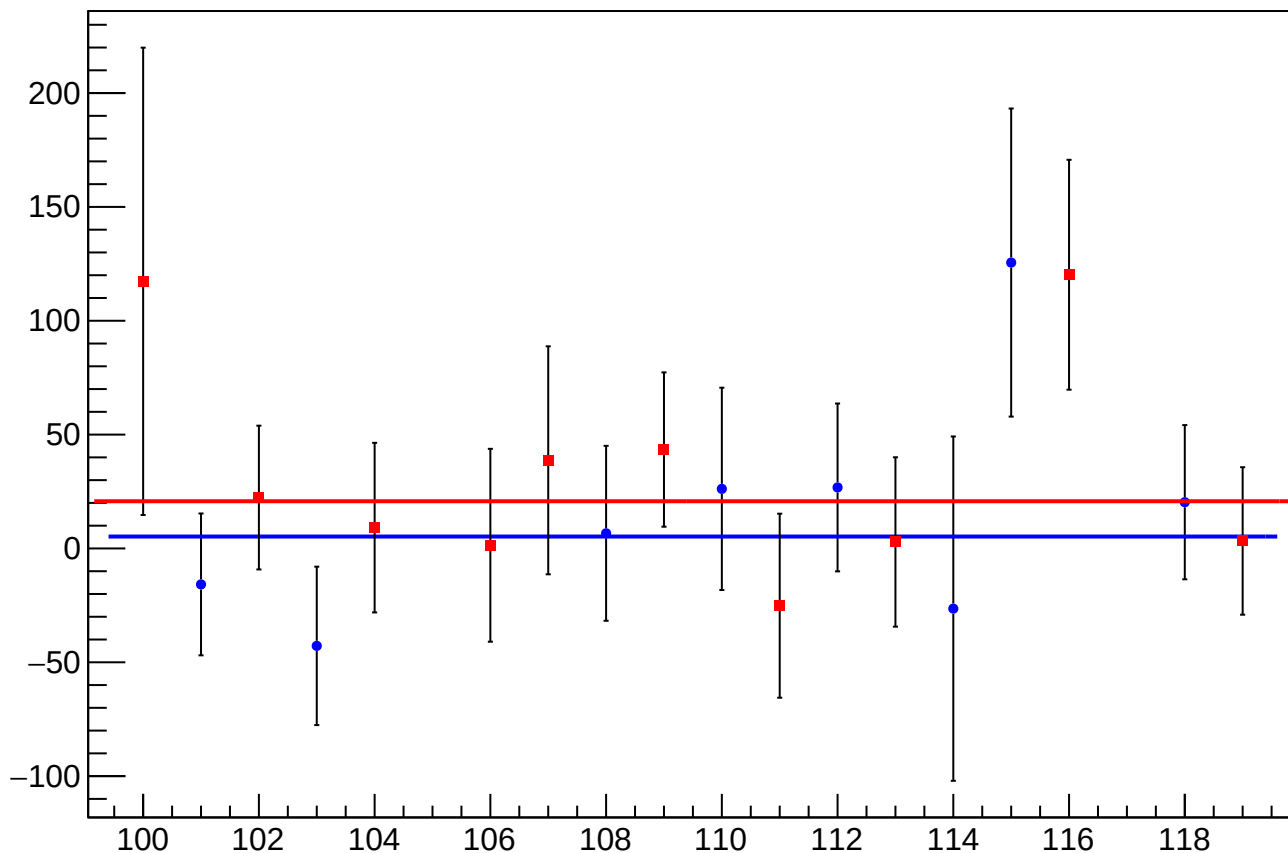
Right: 164.764+/-0.046 χ^2/NDF : 1473690.5/17

In: 174.520+/-0.072 χ^2/NDF : 503165.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.764+/-0.046 χ^2/NDF : 1473690.5/17

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 5.229+/-14.083 χ^2/NDF : 6.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.729+/-12.572 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

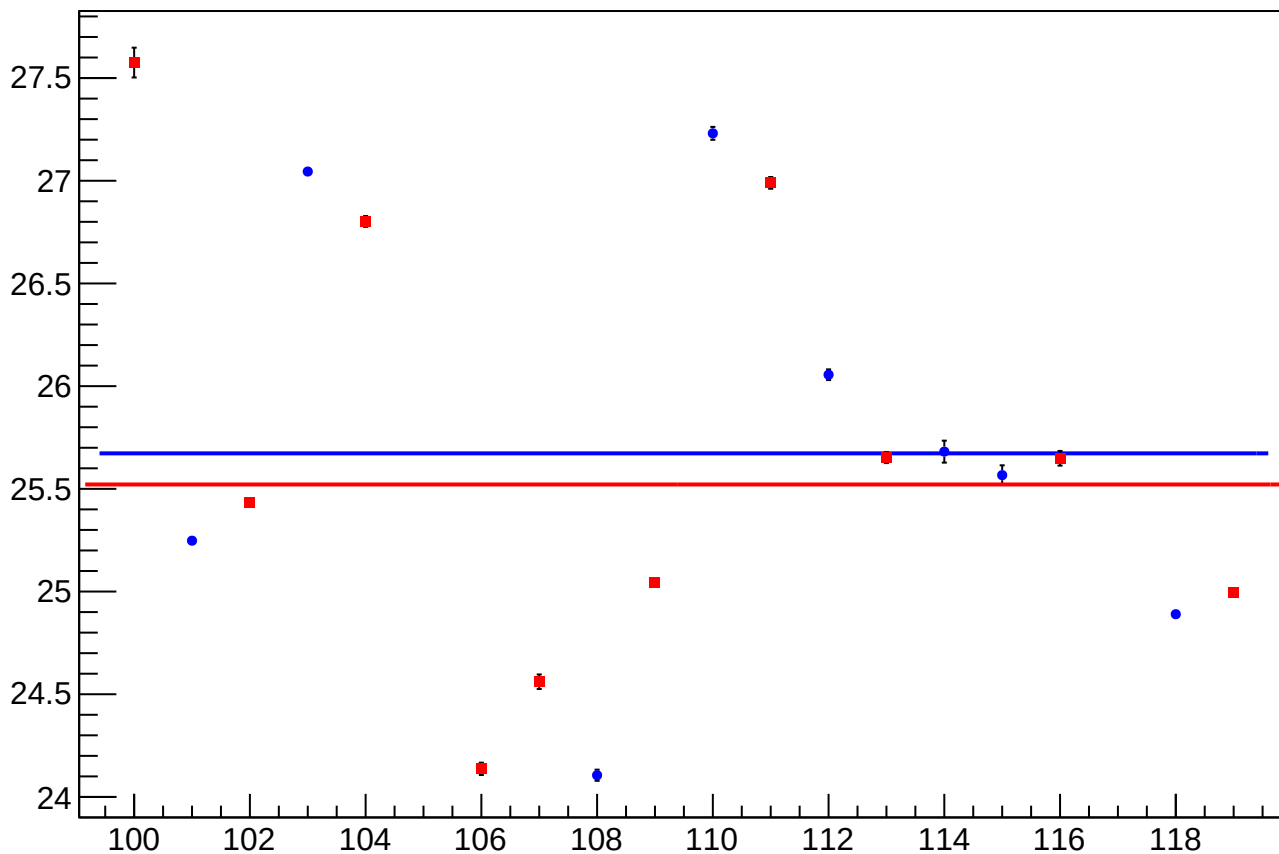
Right: 13.855+/-9.378 χ^2/NDF : 14.6/17

In: 5.229+/-14.083 χ^2/NDF : 6.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.855+/-9.378 χ^2/NDF : 14.6/17

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.673+/-0.010 χ^2/NDF : 10560.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.521+/-0.009 χ^2/NDF : 9657.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

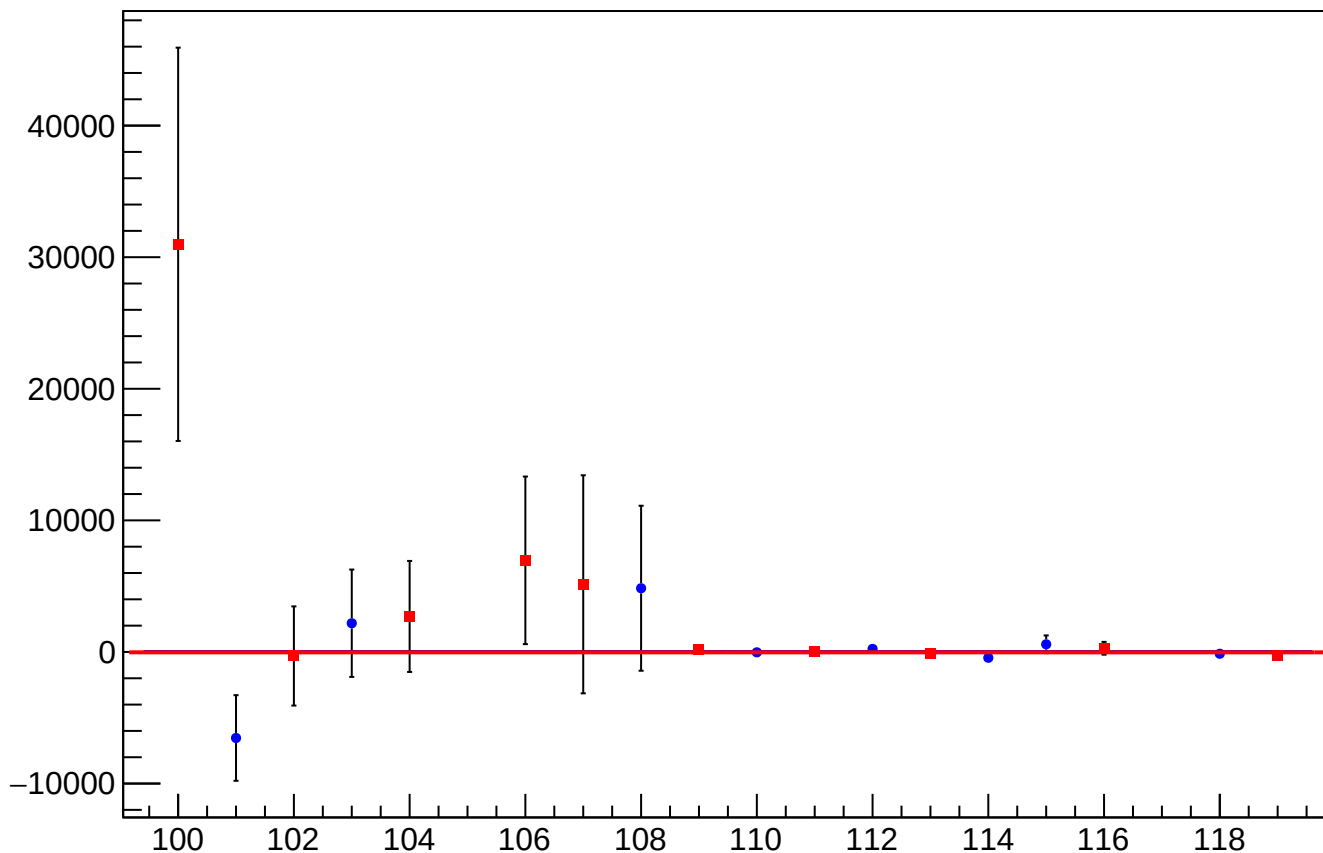
Right: 25.588+/-0.007 χ^2/NDF : 20346.8/17

In: 25.673+/-0.010 χ^2/NDF : 10560.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.588+/-0.007 χ^2/NDF : 20346.8/17

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -4.441+/-117.407 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.873+/-101.481 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

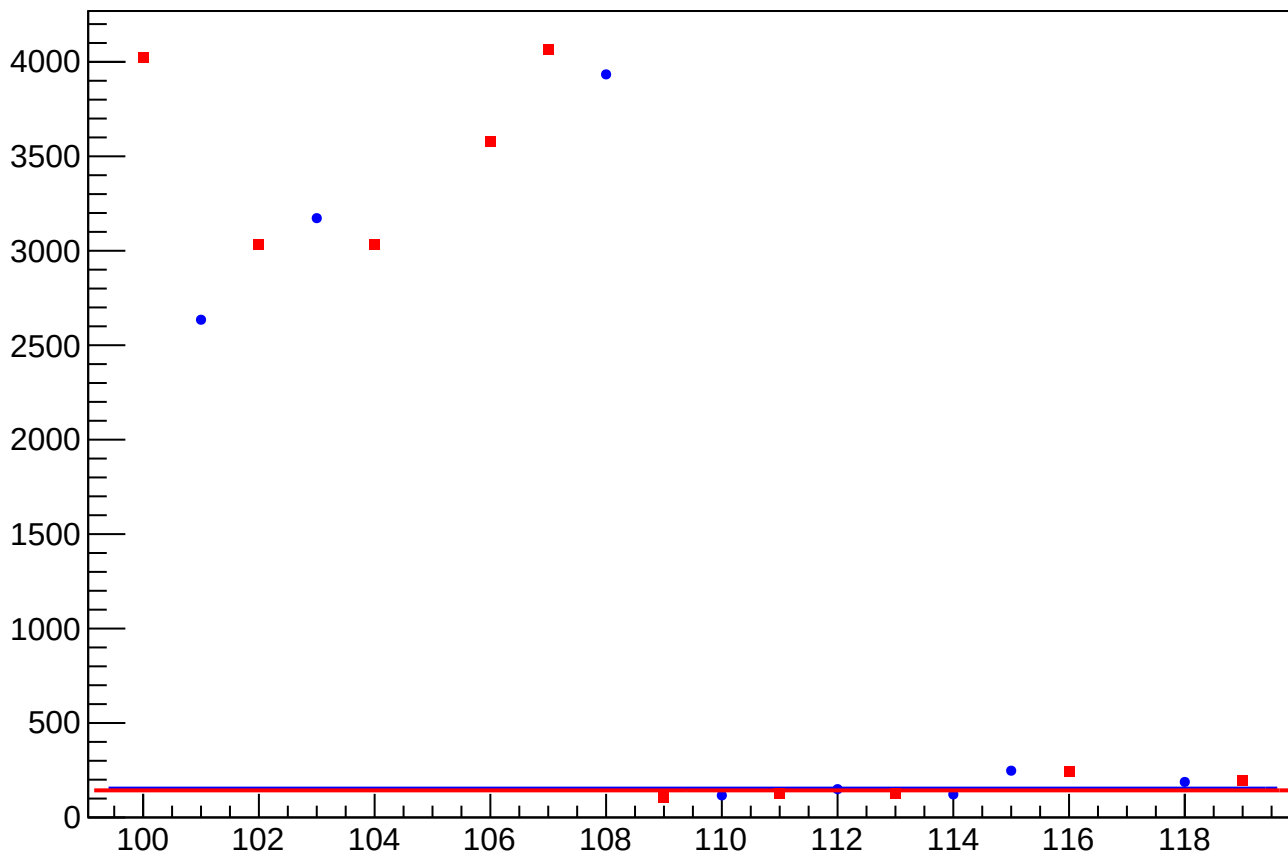
Right: -18.425+/-76.776 χ^2/NDF : 17.9/17

In: -4.441+/-117.407 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.425+/-76.776 χ^2/NDF : 17.9/17

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 152.636 $\pm$ 0.083 χ^2 /NDF: 3147139.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.431 $\pm$ 0.072 χ^2 /NDF: 3538251.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

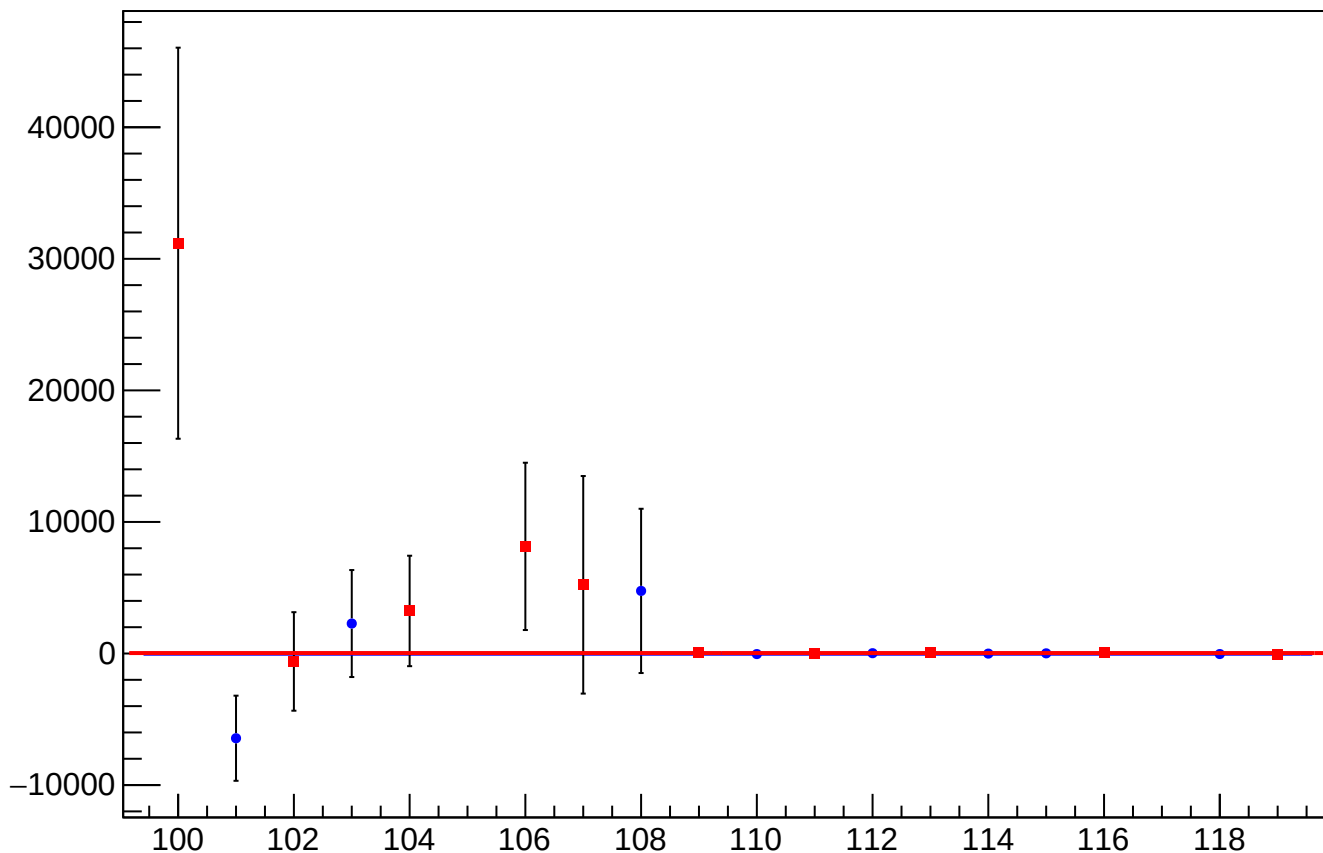
Right: 147.367 $\pm$ 0.054 χ^2 /NDF: 6692428.6/17

In: 152.636 $\pm$ 0.083 χ^2 /NDF:3147139.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.367 $\pm$ 0.054 χ^2 /NDF: 6692428.6/17

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -13.866 $\pm$ 21.419 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.595 $\pm$ 19.721 χ^2 /NDF: 15.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

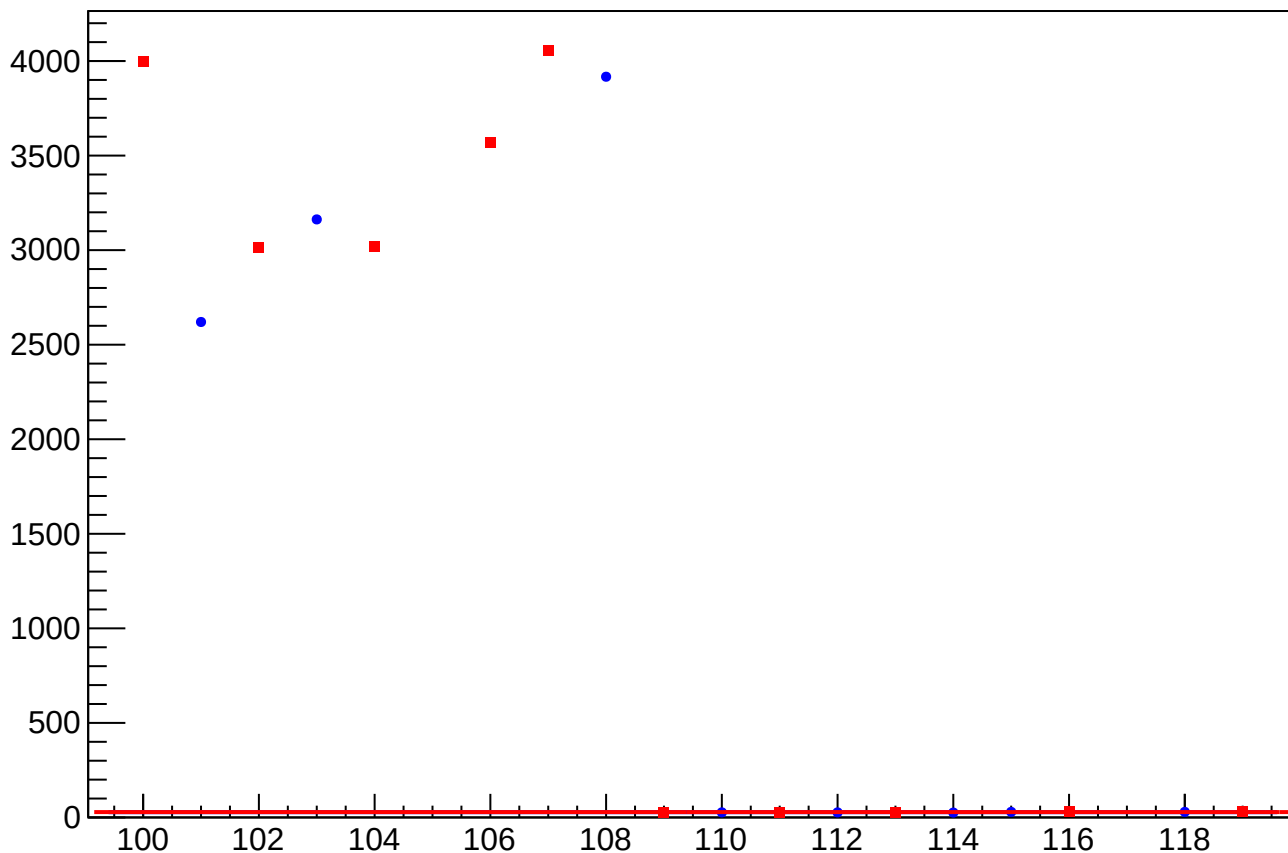
Right: 12.362 $\pm$ 14.508 χ^2 /NDF: 25.4/17

In: -13.866 $\pm$ 21.419 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.362 $\pm$ 14.508 χ^2 /NDF: 25.4/17

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.919+/-0.015 χ^2/NDF : 3256690.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.369+/-0.014 χ^2/NDF : 3545736.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

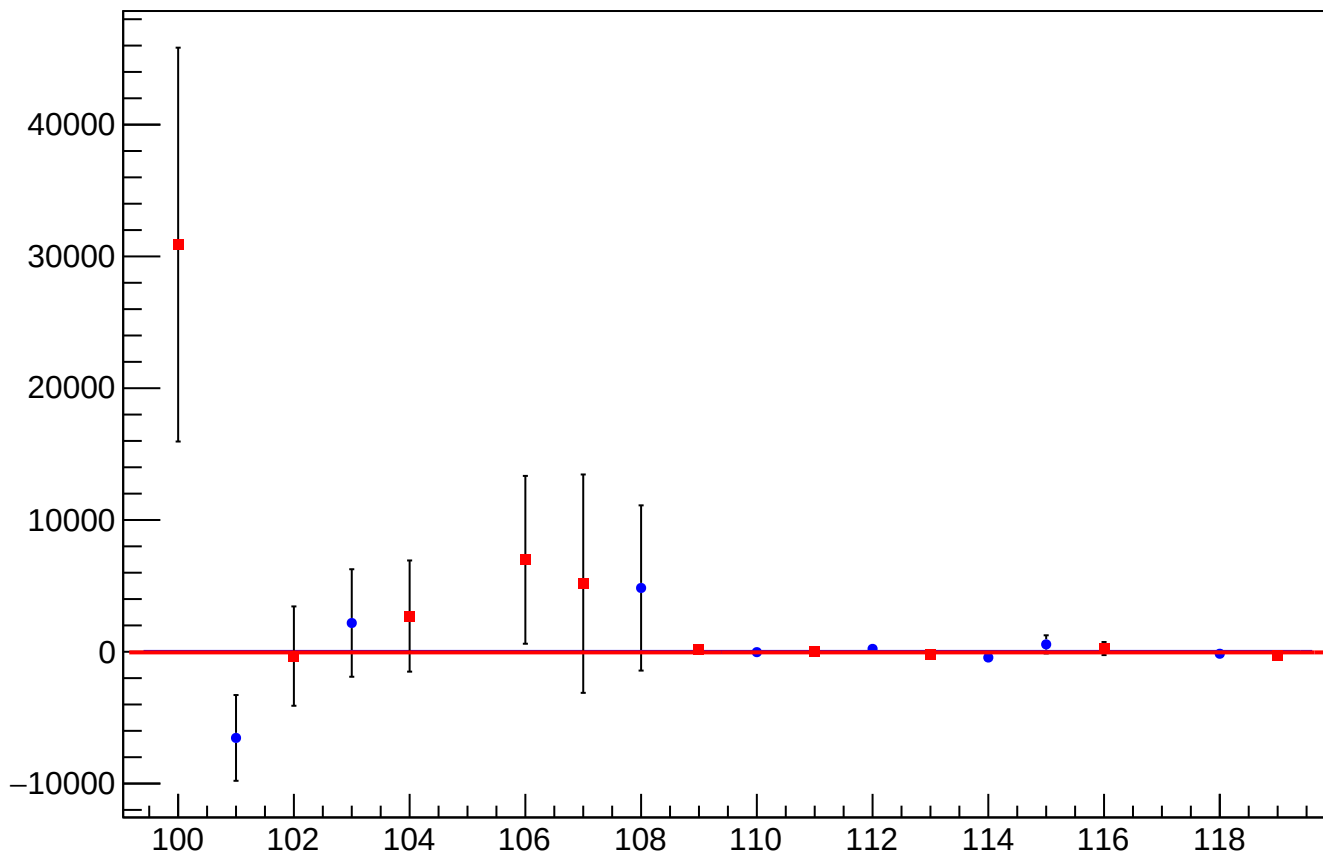
Right: 28.162+/-0.010 χ^2/NDF : 6802904.6/17

In: 27.919+/-0.015 χ^2/NDF :3256690.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.162+/-0.010 χ^2/NDF : 6802904.6/17

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -10.516+/-118.437 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -47.096+/-102.477 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

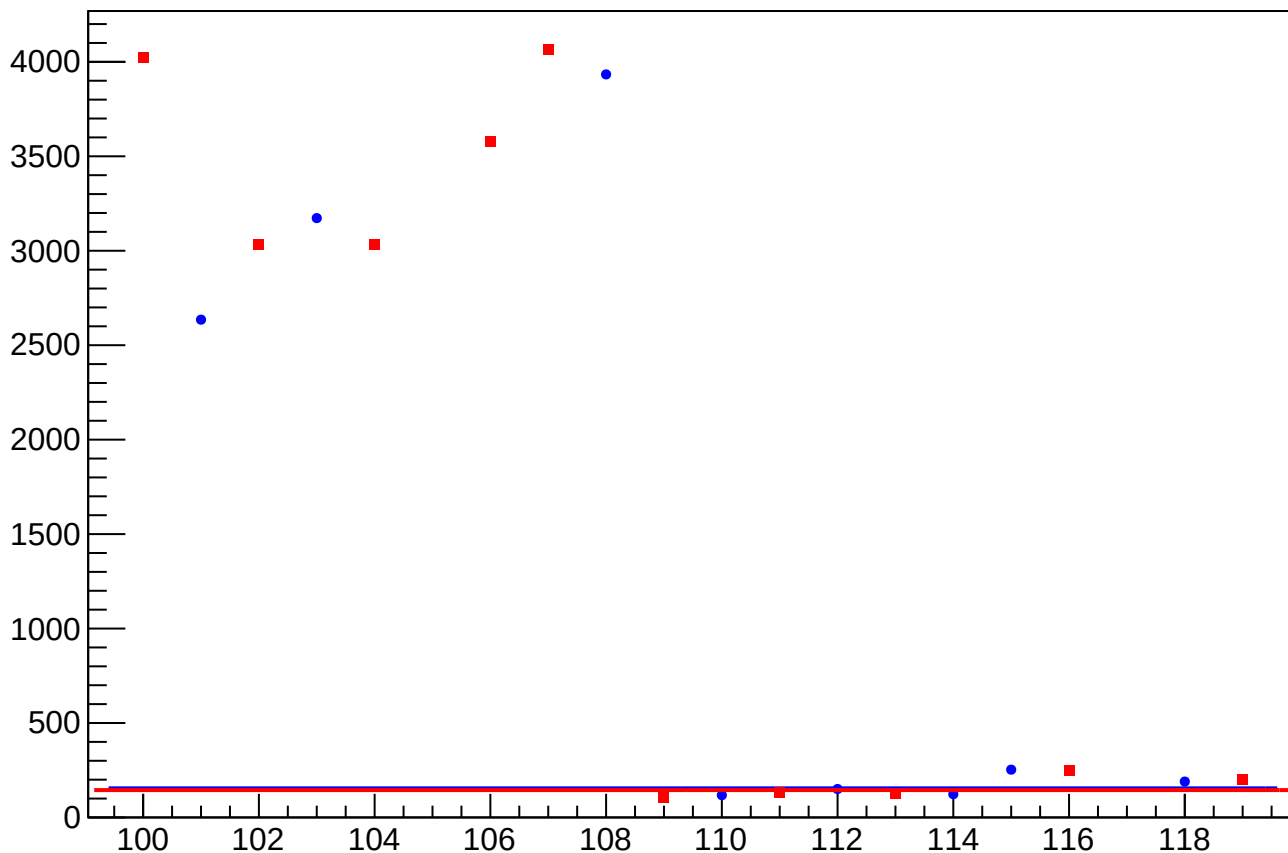
Right: -31.435+/-77.495 χ^2/NDF : 17.6/17

In: -10.516+/-118.437 χ^2/NDF :8.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -31.435+/-77.495 χ^2/NDF : 17.6/17

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 154.040+/-0.084 χ^2/NDF : 3145823.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.888+/-0.072 χ^2/NDF : 3539009.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

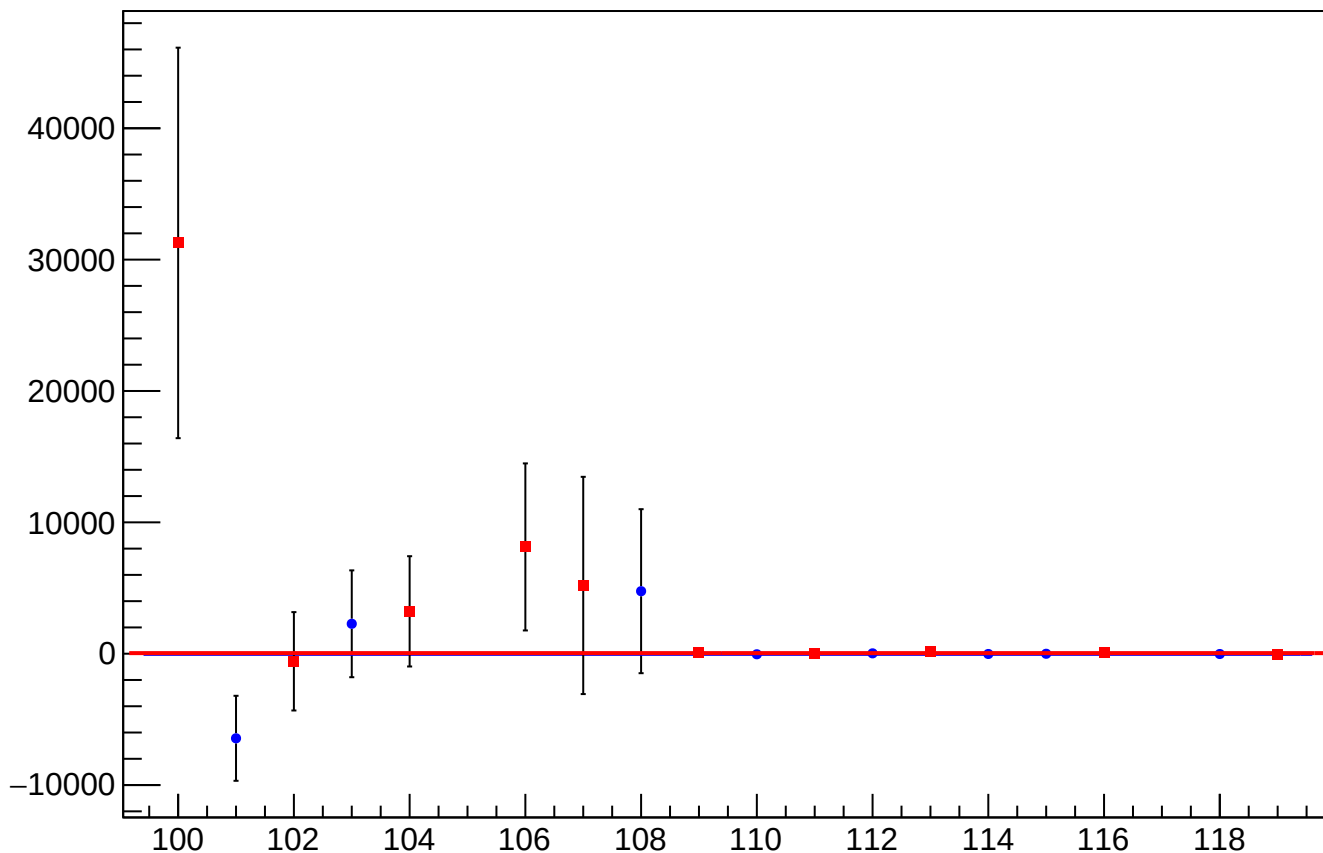
Right: 148.806+/-0.055 χ^2/NDF : 6691662.3/17

In: 154.040+/-0.084 χ^2/NDF :3145823.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 148.806+/-0.055 χ^2/NDF : 6691662.3/17

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: -11.150+/-24.309 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.374+/-22.092 χ^2/NDF : 19.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

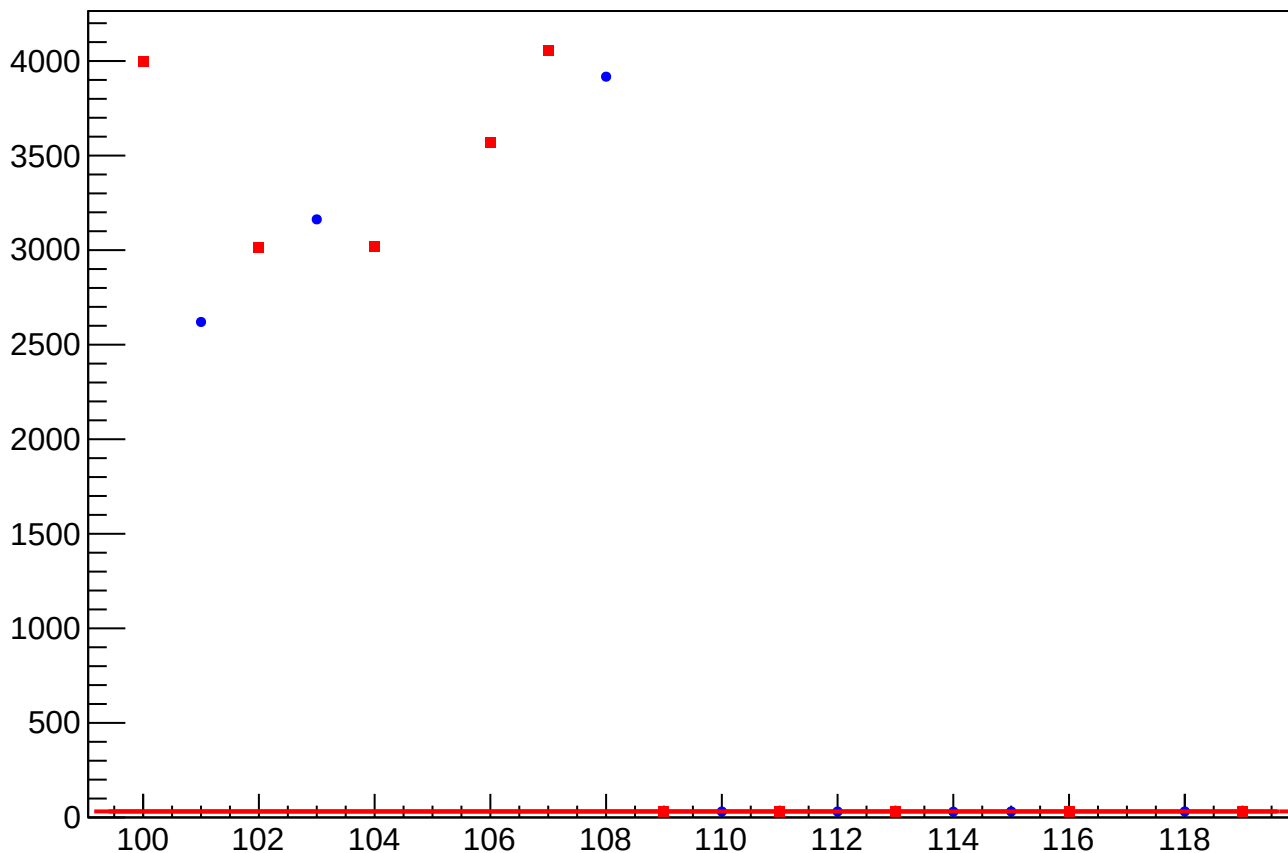
Right: 19.259+/-16.349 χ^2/NDF : 28.6/17

In: -11.150+/-24.309 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.259+/-16.349 χ^2/NDF : 28.6/17

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 31.771+/-0.017 χ^2/NDF : 3241141.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.016 χ^2/NDF : 3522127.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

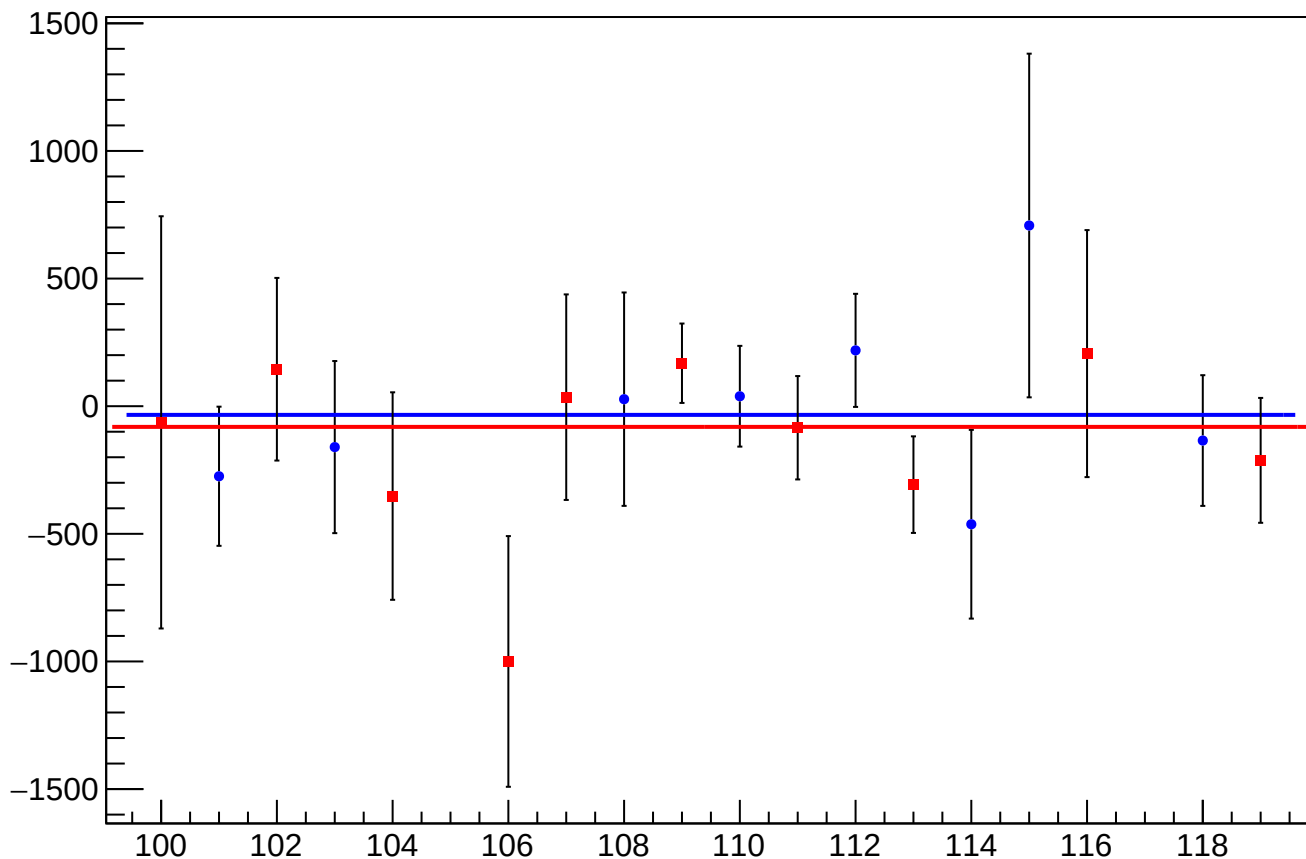
Right: 31.831+/-0.012 χ^2/NDF : 6763291.3/17

In: 31.771+/-0.017 χ^2/NDF : 3241141.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.831+/-0.012 χ^2/NDF : 6763291.3/17

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -34.019 $\pm$ 100.601 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -81.055 $\pm$ 84.402 χ^2 /NDF: 9.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

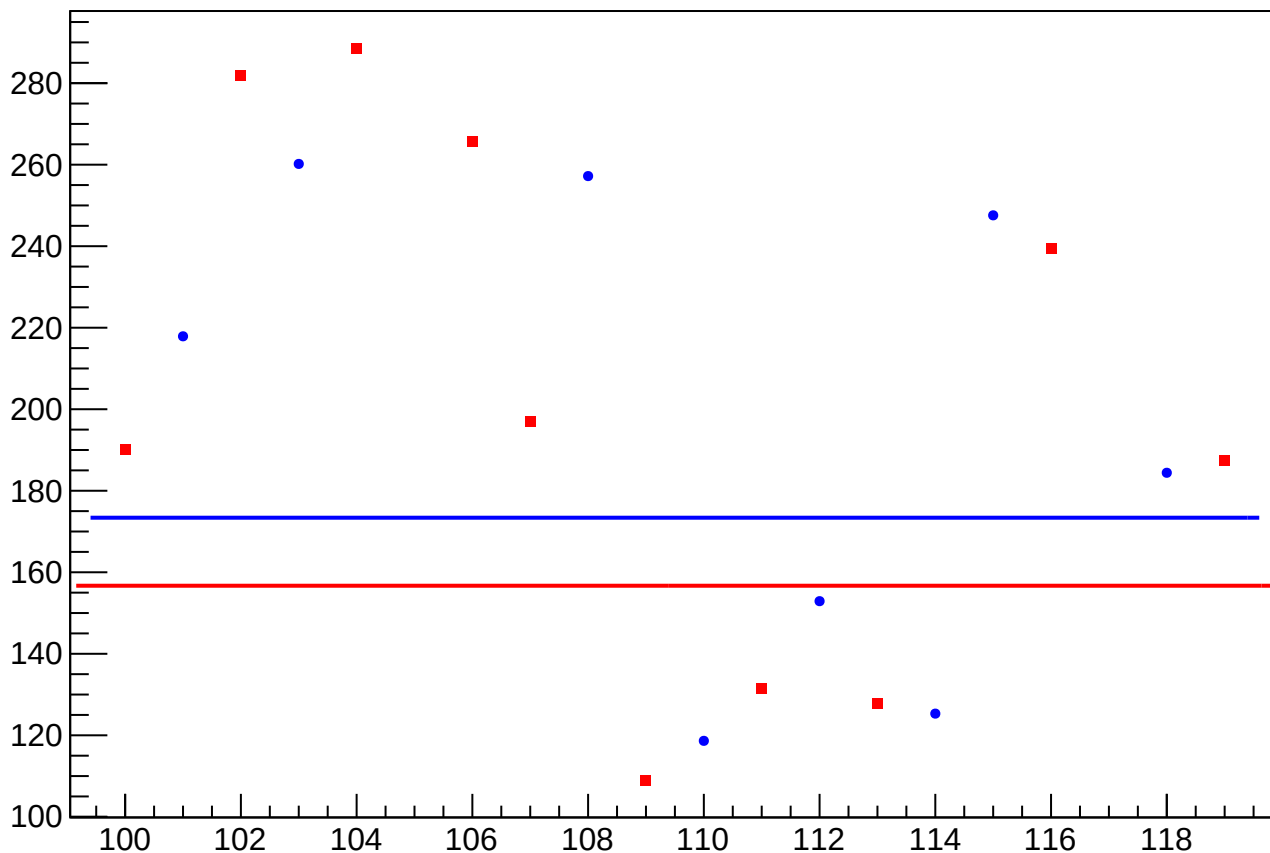
Right: -61.624 $\pm$ 64.660 χ^2 /NDF: 14.3/17

In: -34.019 $\pm$ 100.601 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.624 $\pm$ 64.660 χ^2 /NDF: 14.3/17

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 173.387+/-0.071 χ^2/NDF : 499076.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 156.698+/-0.060 χ^2/NDF : 932159.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

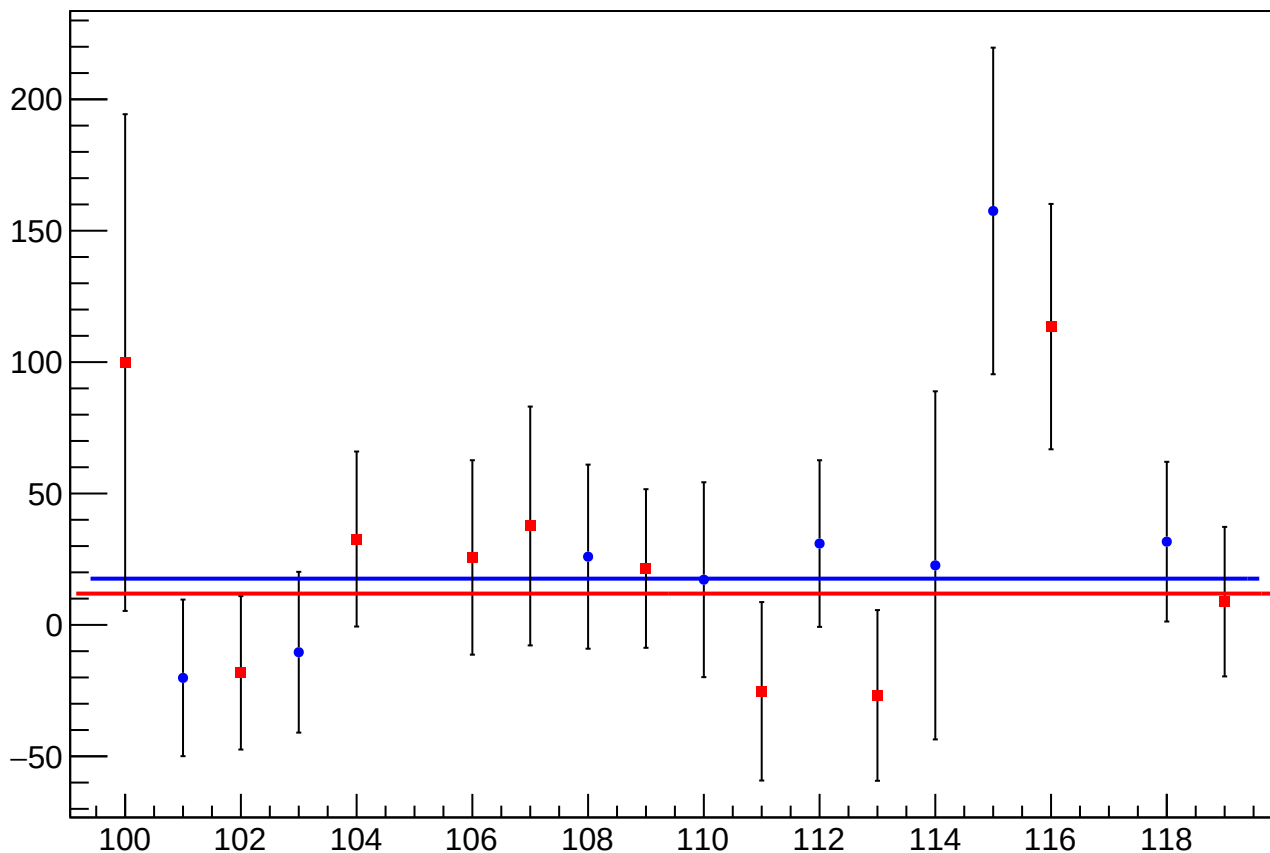
Right: 163.592+/-0.046 χ^2/NDF : 1463540.0/17

In: 173.387+/-0.071 χ^2/NDF : 499076.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.592+/-0.046 χ^2/NDF : 1463540.0/17

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 17.600+/-12.597 χ^2/NDF : 8.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.916+/-11.174 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

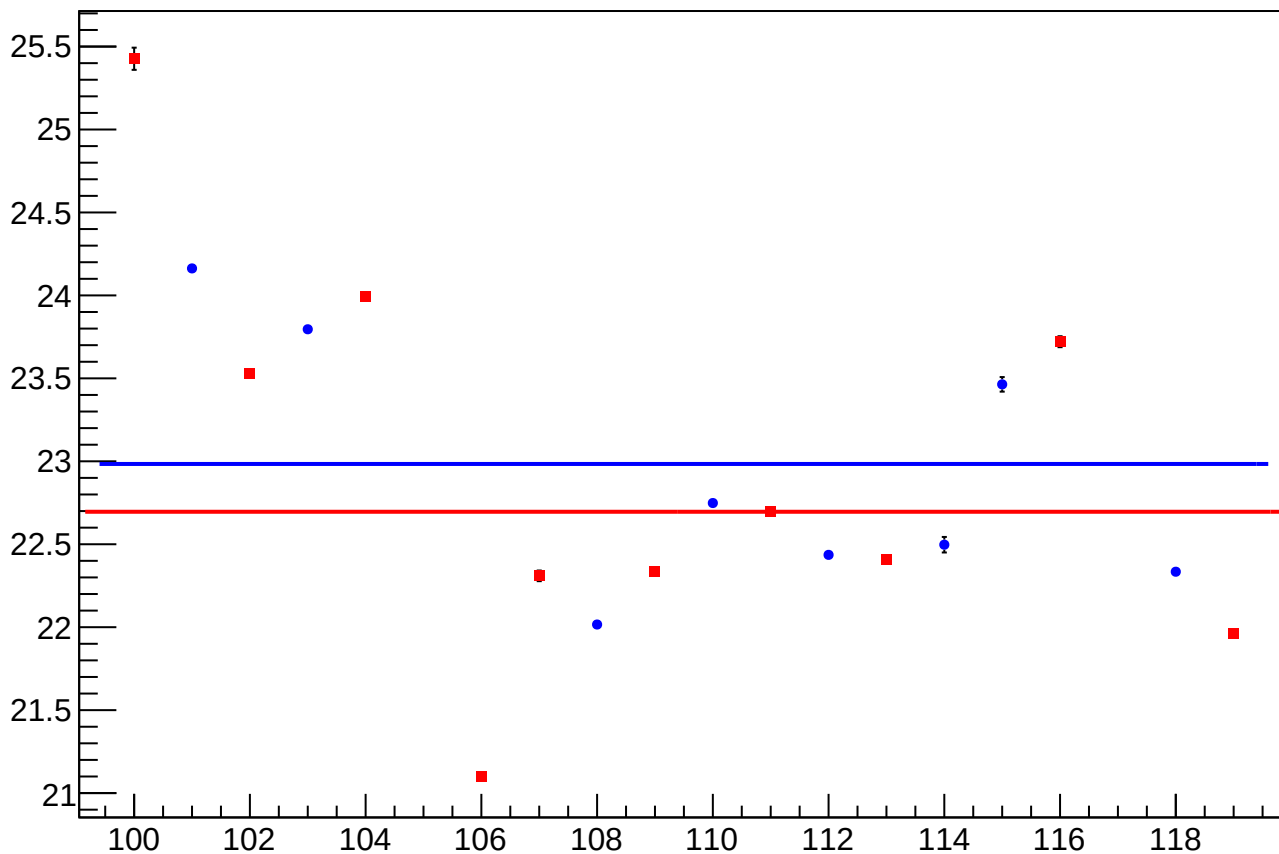
Right: 14.419+/-8.359 χ^2/NDF : 18.3/17

In: 17.600+/-12.597 χ^2/NDF : 8.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.419+/-8.359 χ^2/NDF : 18.3/17

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.984+/-0.009 χ^2/NDF : 7885.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.696+/-0.008 χ^2/NDF : 12929.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

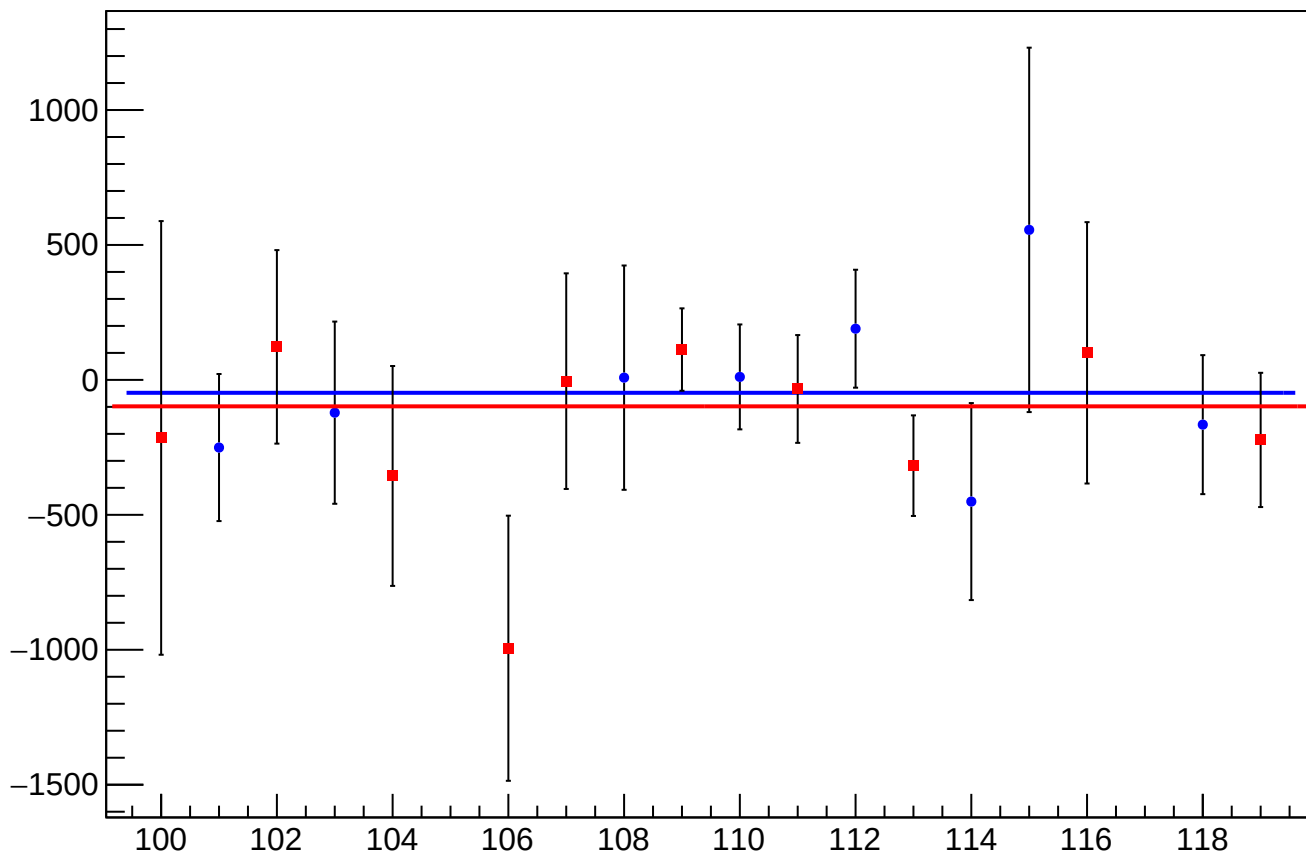
Right: 22.823+/-0.006 χ^2/NDF : 21400.3/17

In: 22.984+/-0.009 χ^2/NDF : 7885.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.823+/-0.006 χ^2/NDF : 21400.3/17

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -47.827 $\pm$ 99.885 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -98.008 $\pm$ 83.634 χ^2 /NDF: 8.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

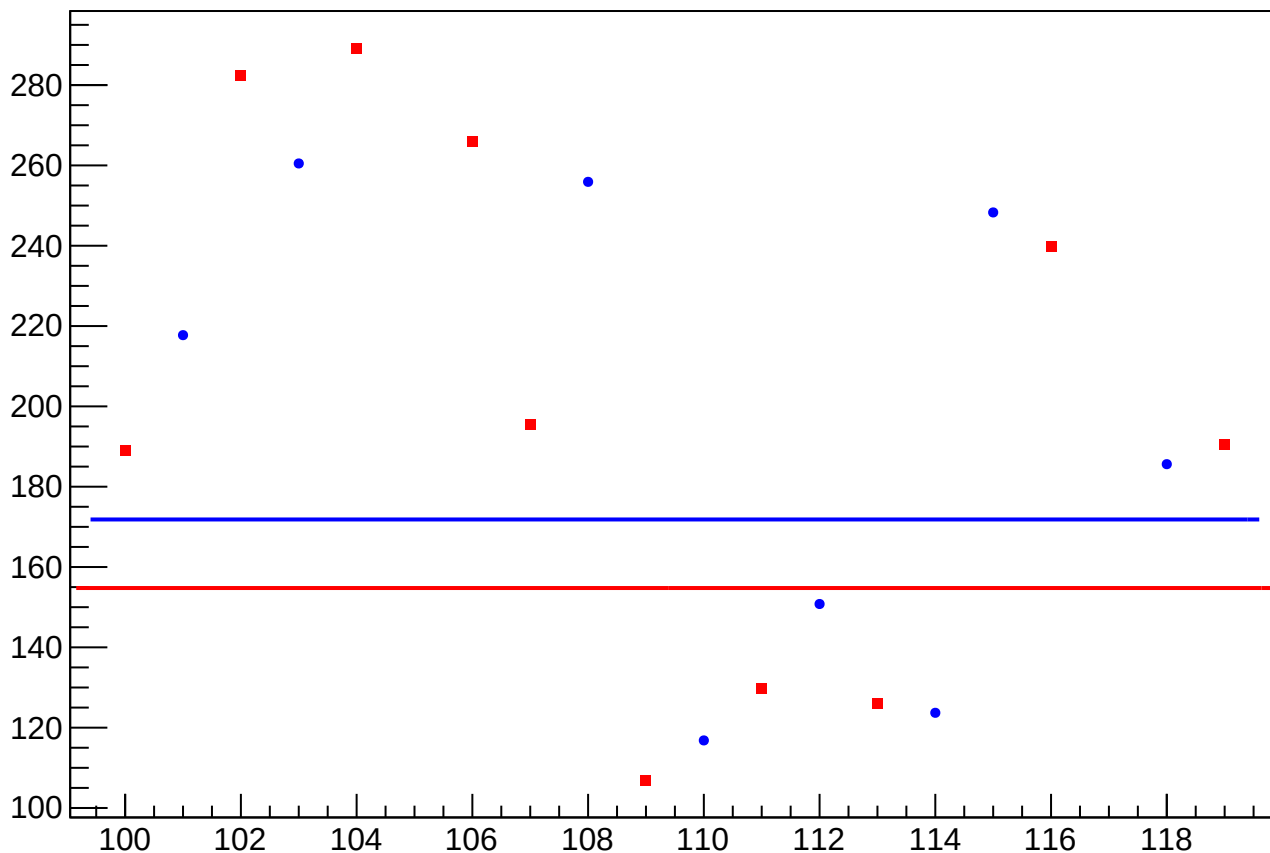
Right: -77.327 $\pm$ 64.124 χ^2 /NDF: 12.3/17

In: -47.827 $\pm$ 99.885 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -77.327 $\pm$ 64.124 χ^2 /NDF: 12.3/17

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 171.839+/-0.071 χ^2/NDF : 521461.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.770+/-0.059 χ^2/NDF : 976180.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

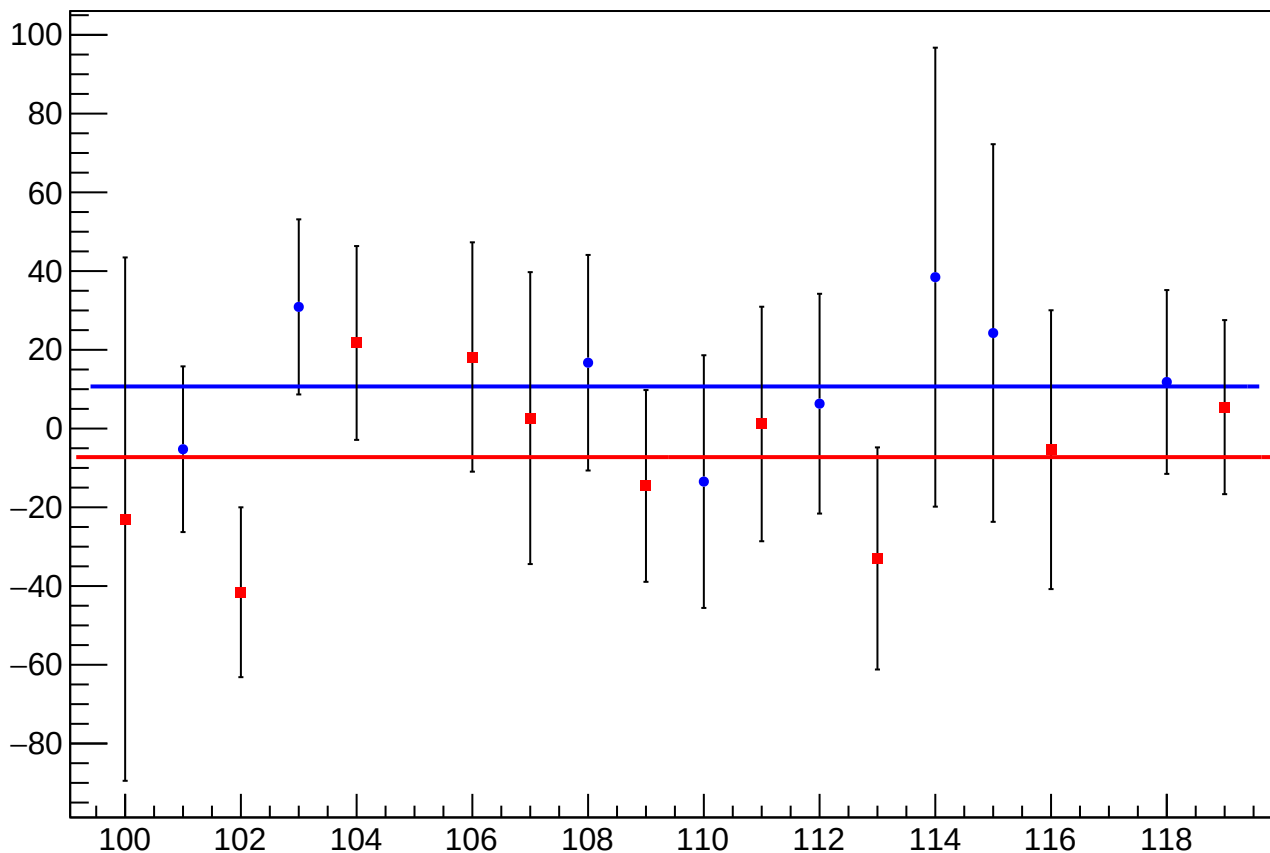
Right: 161.805+/-0.045 χ^2/NDF : 1531977.2/17

In: 171.839+/-0.071 χ^2/NDF : 521461.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.805+/-0.045 χ^2/NDF : 1531977.2/17

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: 10.694+/-9.791 χ^2/NDF : 2.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.254+/-8.823 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

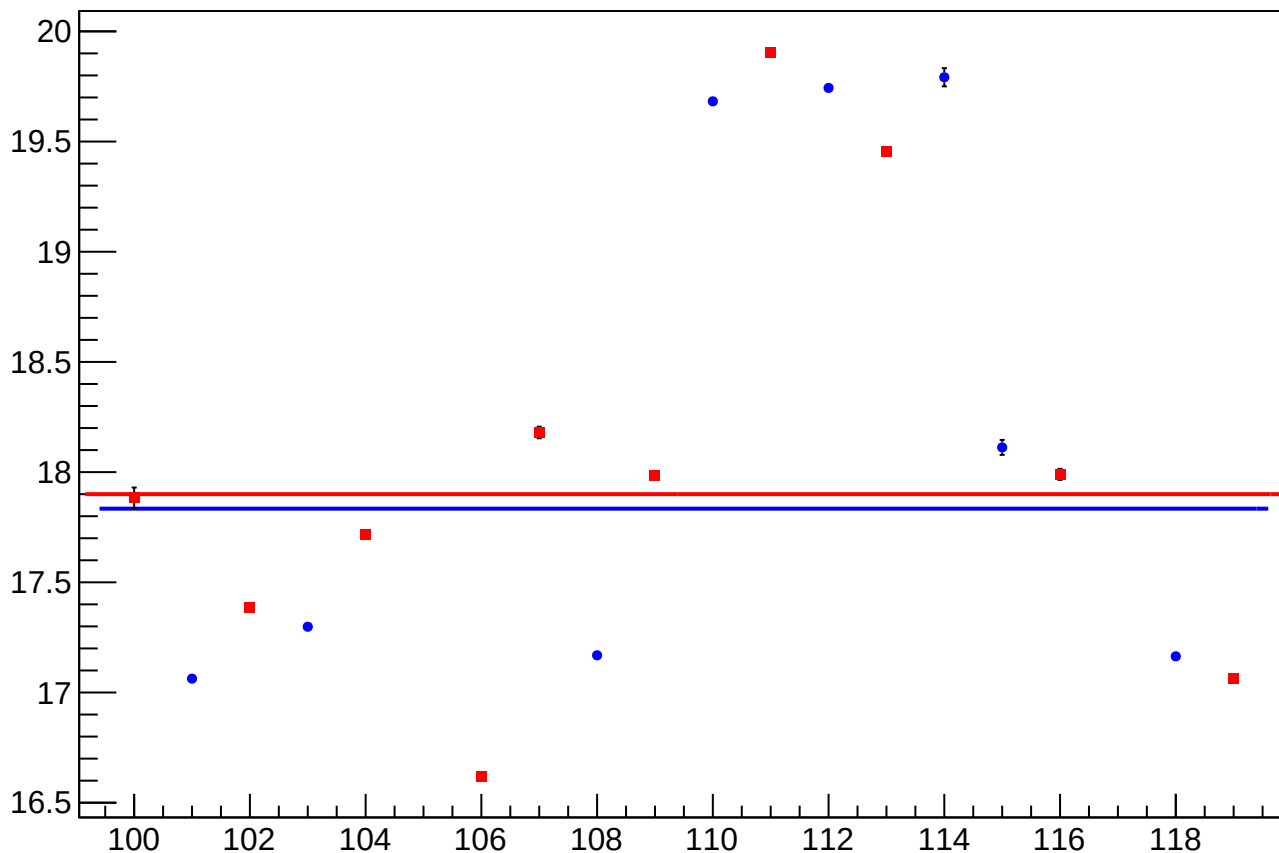
Right: 0.790+/-6.554 χ^2/NDF : 10.3/17

In: 10.694+/-9.791 χ^2/NDF : 2.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.790+/-6.554 χ^2/NDF : 10.3/17

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.834+/-0.007 χ^2/NDF : 24986.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 17.900+/-0.006 χ^2/NDF : 23269.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

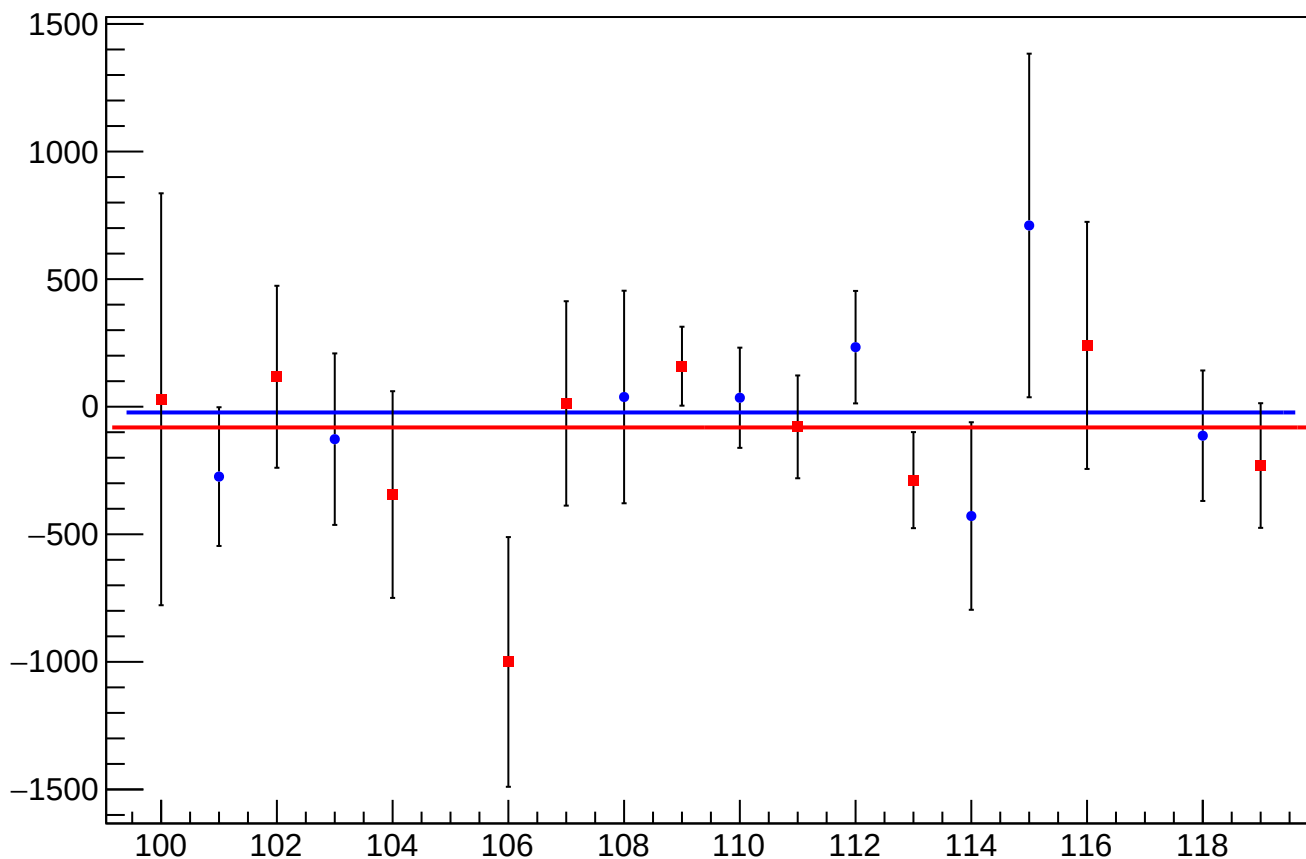
Right: 17.871+/-0.005 χ^2/NDF : 48306.0/17

In: 17.834+/-0.007 χ^2/NDF :24986.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 17.871+/-0.005 χ^2/NDF : 48306.0/17

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -22.539+/-100.211 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -81.236+/-84.038 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

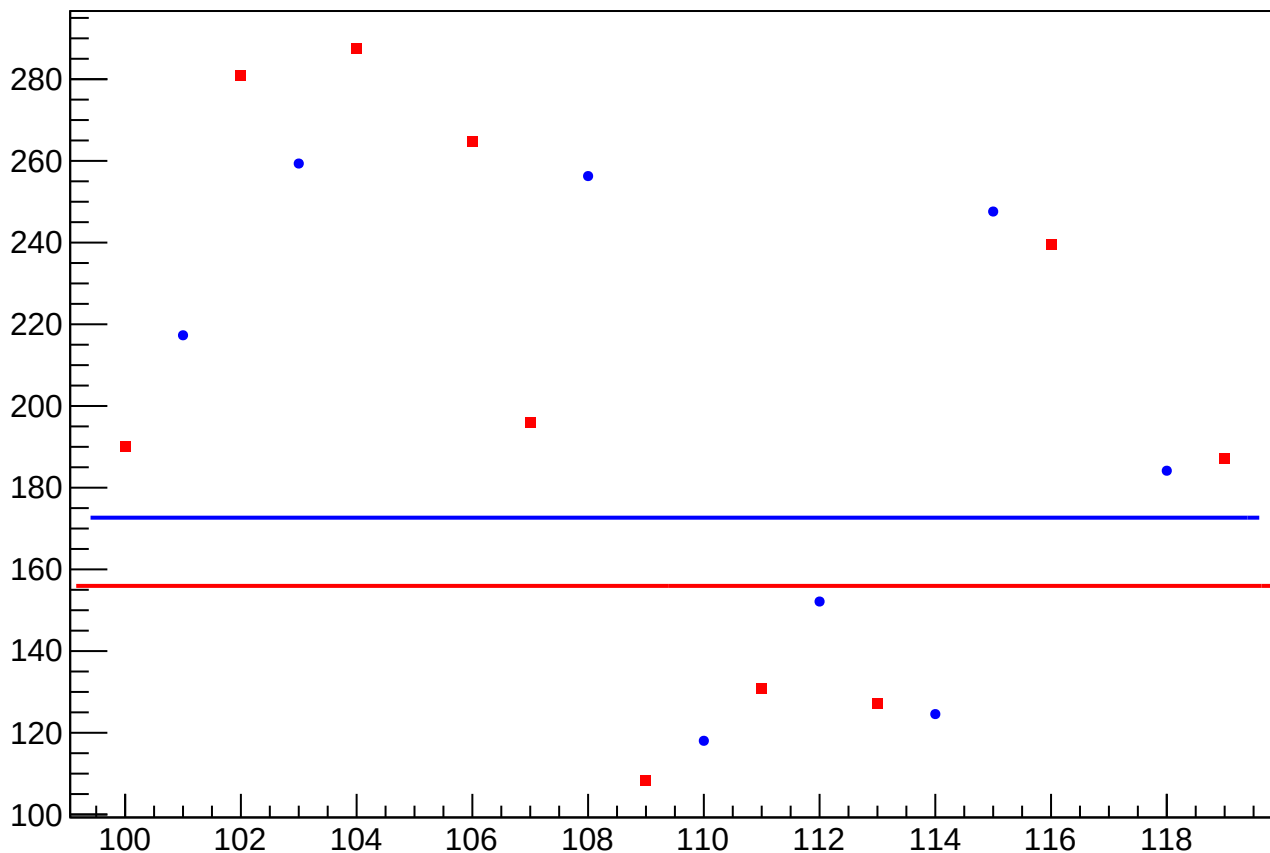
Right: -57.001+/-64.393 χ^2/NDF : 13.9/17

In: -22.539+/-100.211 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.001+/-64.393 χ^2/NDF : 13.9/17

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 172.659+/-0.071 χ^2/NDF : 502840.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.959+/-0.059 χ^2/NDF : 937622.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

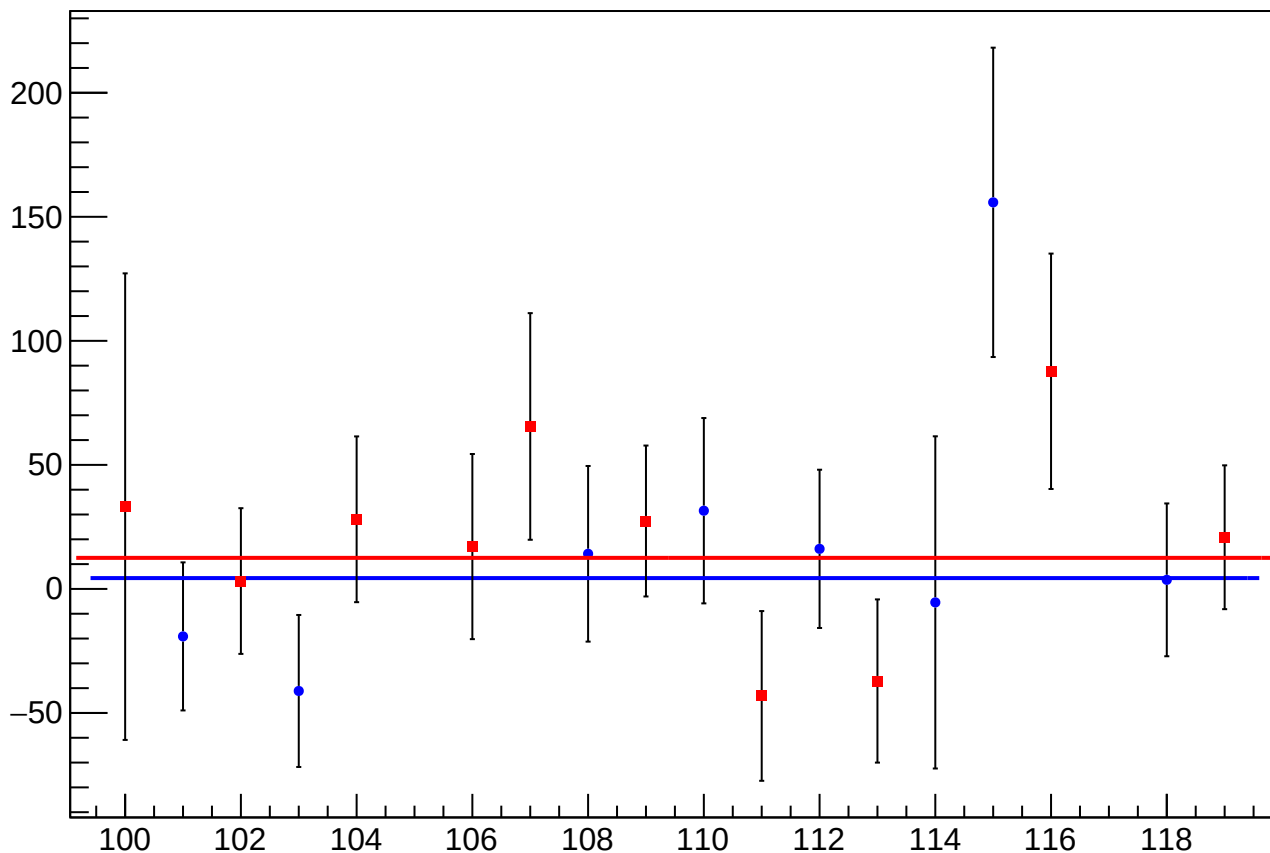
Right: 162.854+/-0.046 χ^2/NDF : 1473073.6/17

In: 172.659+/-0.071 χ^2/NDF : 502840.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.854+/-0.046 χ^2/NDF : 1473073.6/17

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 4.370+/-12.679 χ^2/NDF : 9.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.522+/-11.280 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

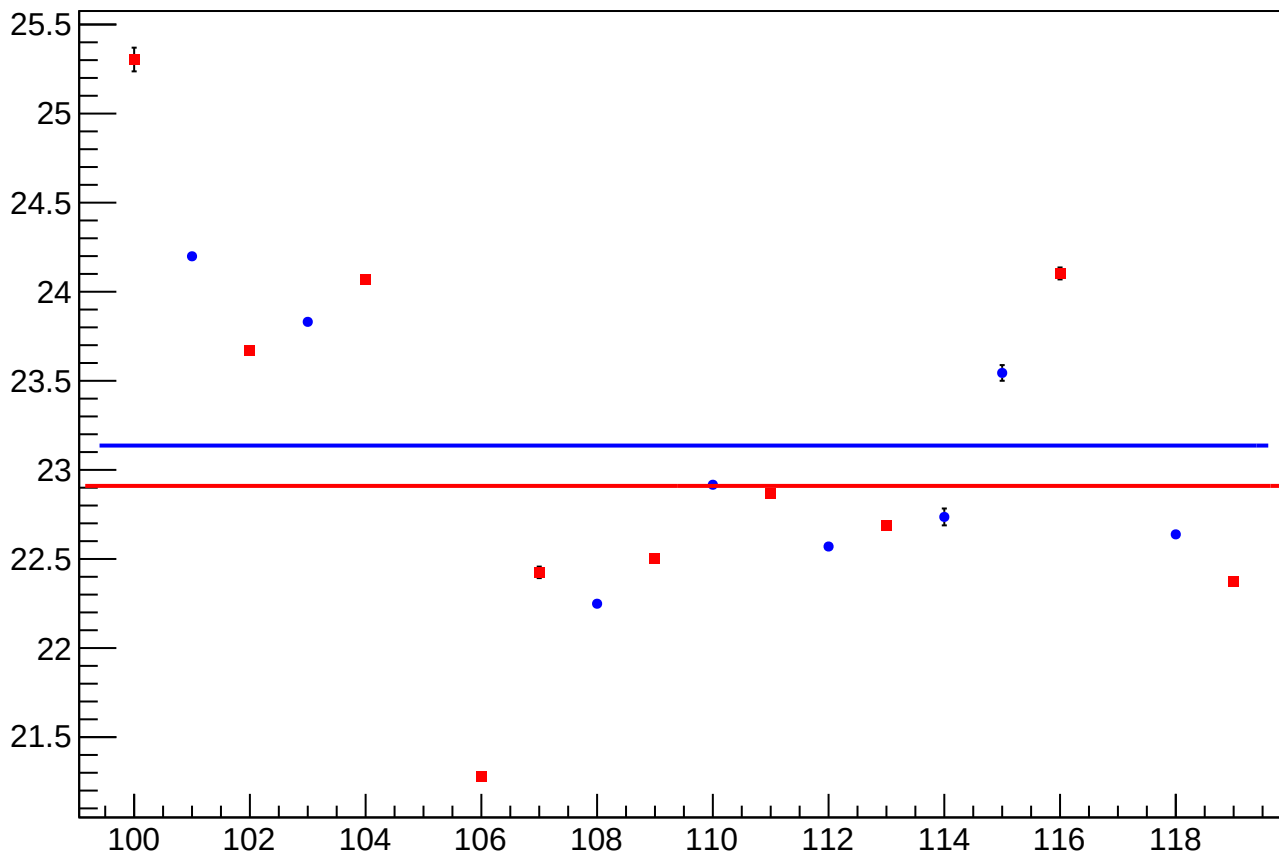
Right: 8.921+/-8.427 χ^2/NDF : 19.2/17

In: 4.370+/-12.679 χ^2/NDF : 9.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.921+/-8.427 χ^2/NDF : 19.2/17

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 23.137+/-0.009 χ^2/NDF : 6201.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.910+/-0.008 χ^2/NDF : 11467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

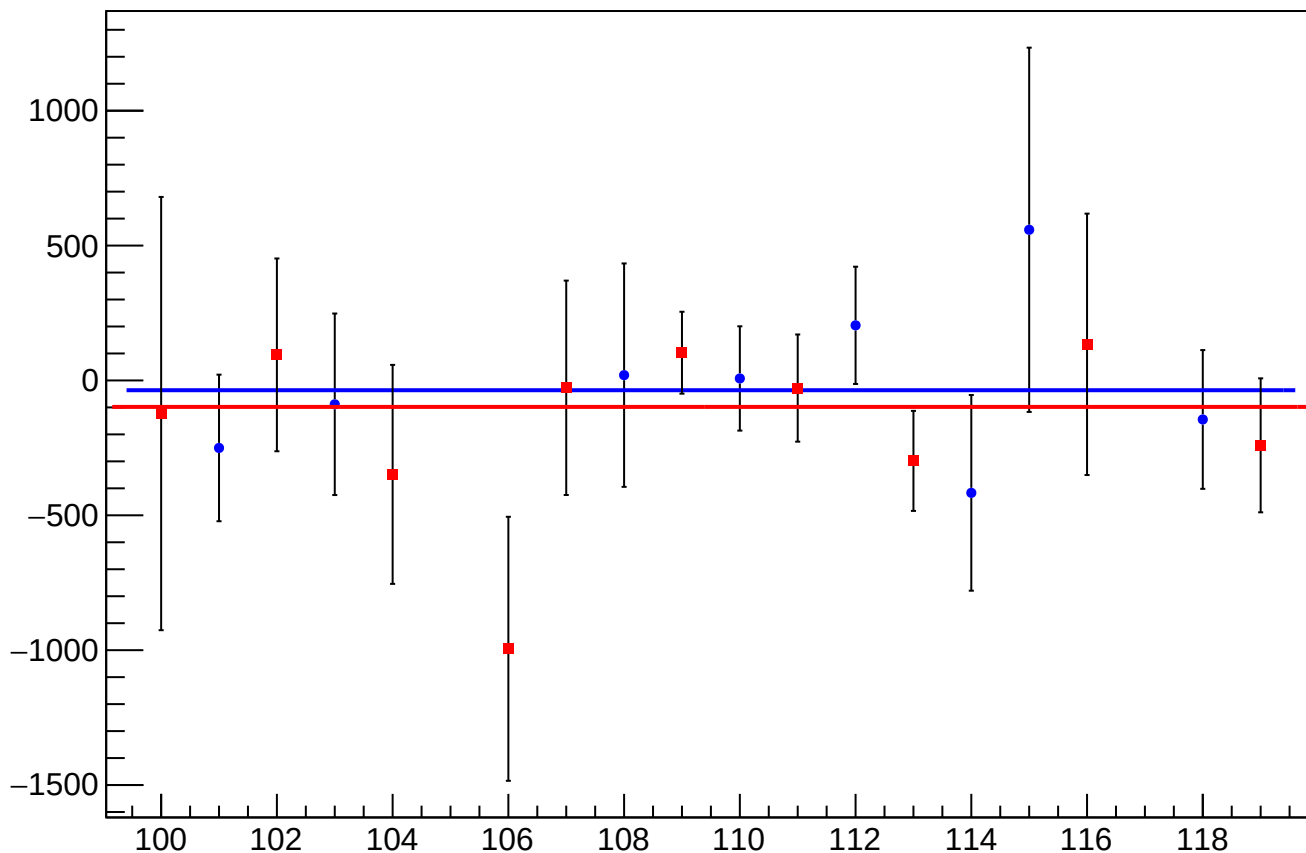
Right: 23.010+/-0.006 χ^2/NDF : 18024.8/17

In: 23.137+/-0.009 χ^2/NDF : 6201.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.010+/-0.006 χ^2/NDF : 18024.8/17

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -36.270+/-99.491 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -98.108+/-83.266 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

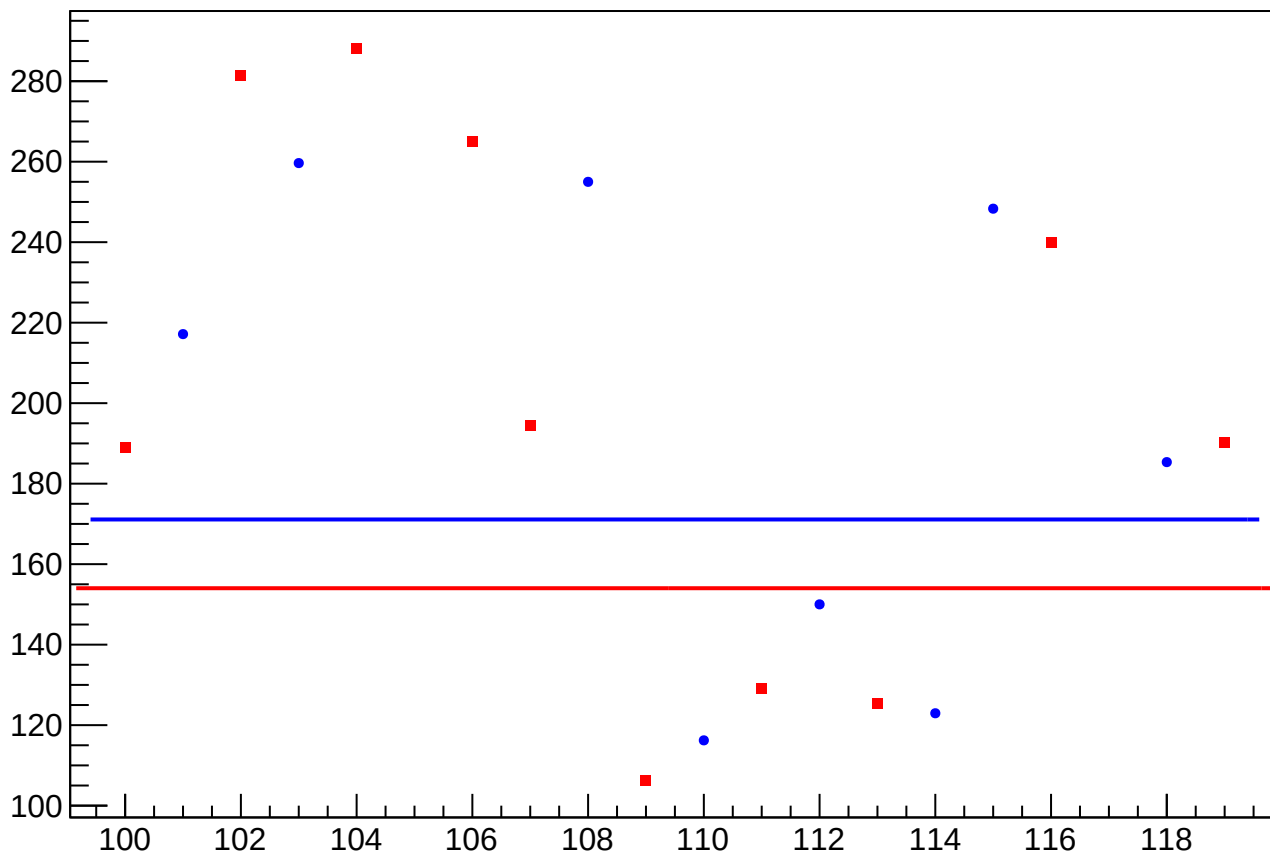
Right: -72.636+/-63.854 χ^2/NDF : 11.9/17

In: -36.270+/-99.491 χ^2/NDF :4.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -72.636+/-63.854 χ^2/NDF : 11.9/17

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 171.103+/-0.070 χ^2/NDF : 525509.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.021+/-0.059 χ^2/NDF : 982054.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

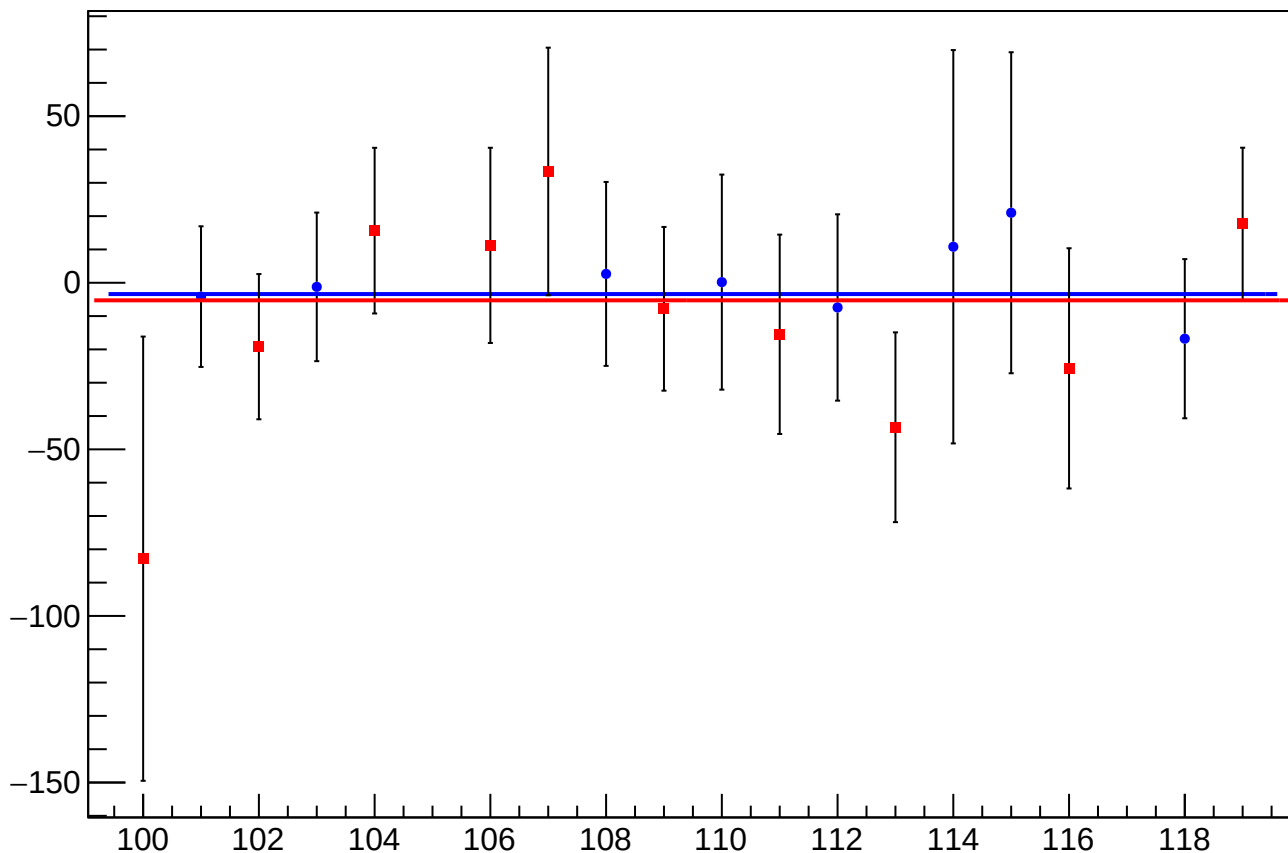
Right: 161.058+/-0.045 χ^2/NDF : 1542234.4/17

In: 171.103+/-0.070 χ^2/NDF : 525509.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.058+/-0.045 χ^2/NDF : 1542234.4/17

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -3.393+/-9.864 χ^2/NDF : 0.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.271+/-8.934 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

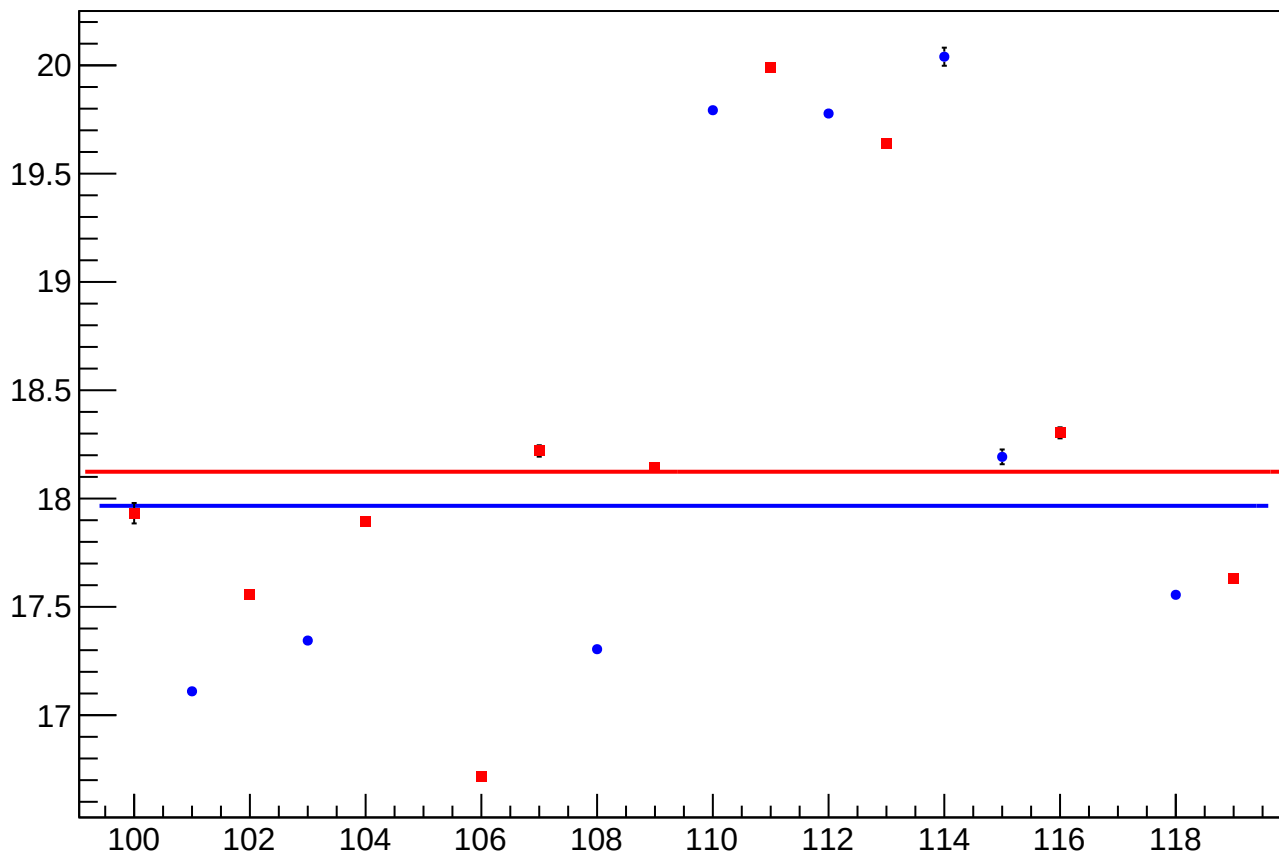
Right: -4.425+/-6.622 χ^2/NDF : 7.9/17

In: -3.393+/-9.864 χ^2/NDF : 0.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.425+/-6.622 χ^2/NDF : 7.9/17

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.966+/-0.007 χ^2/NDF : 23893.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.124+/-0.006 χ^2/NDF : 20573.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

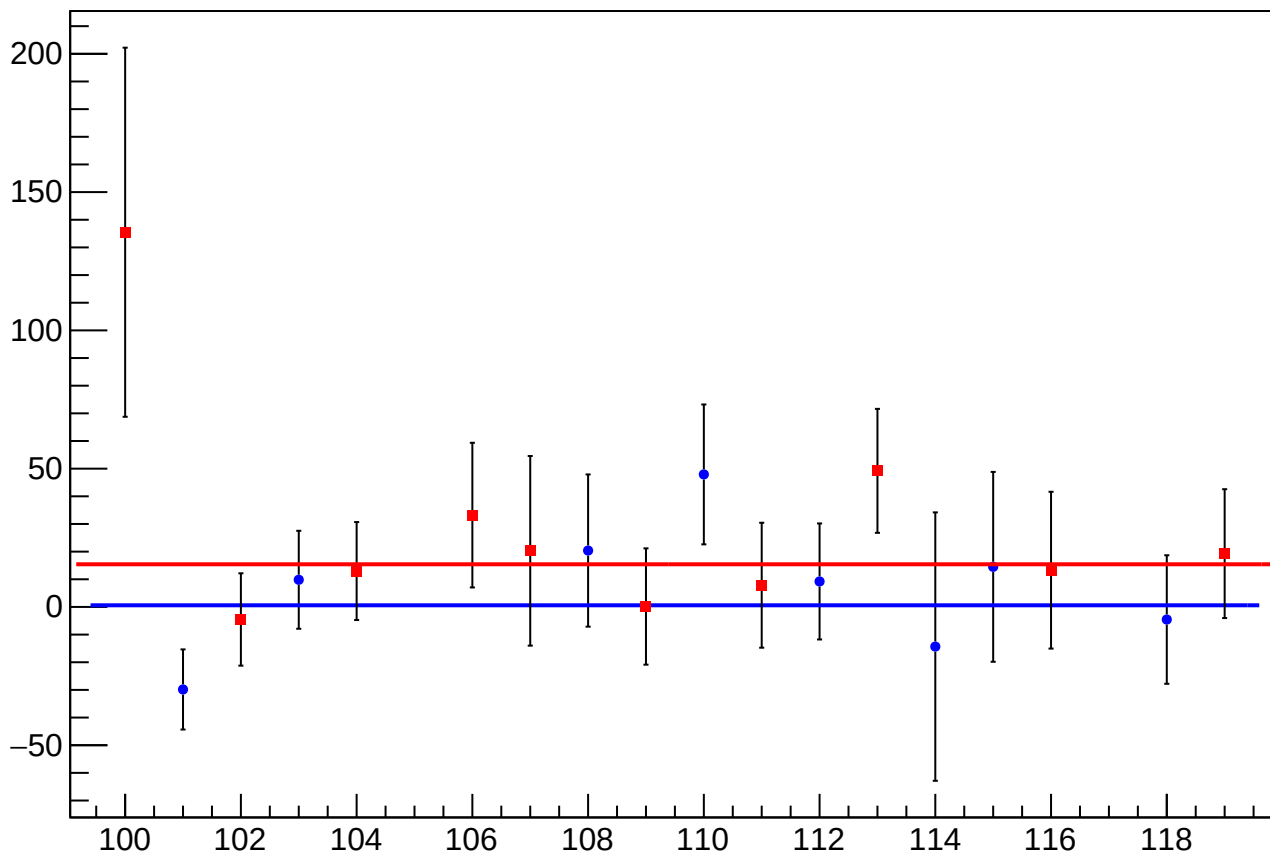
Right: 18.053+/-0.005 χ^2/NDF : 44746.6/17

In: 17.966+/-0.007 χ^2/NDF : 23893.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.053+/-0.005 χ^2/NDF : 44746.6/17

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: 0.596 $\pm$ 7.849 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.424 $\pm$ 7.330 χ^2 /NDF: 8.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

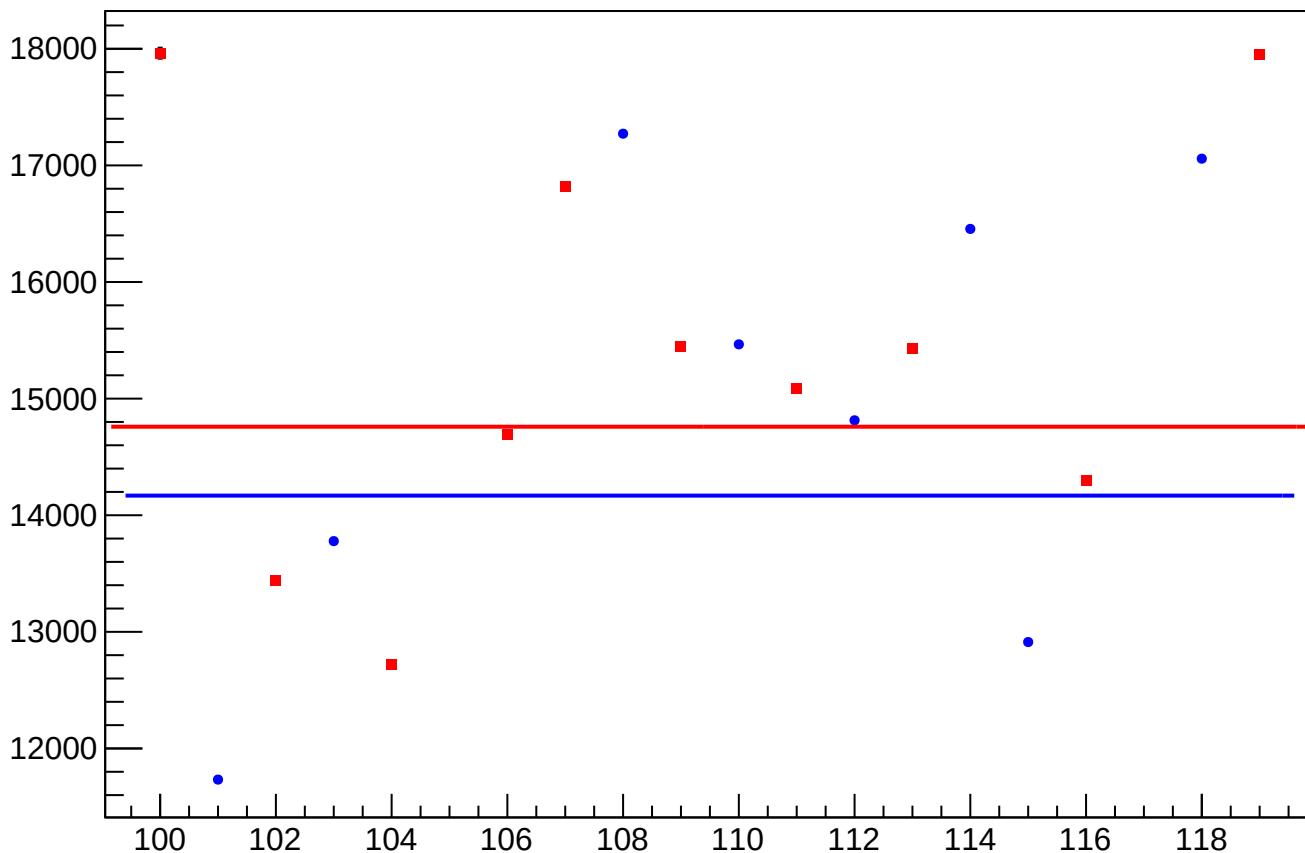
Right: 8.516 $\pm$ 5.357 χ^2 /NDF: 19.2/17

In: 0.596 $\pm$ 7.849 χ^2 /NDF:9.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.516 $\pm$ 5.357 χ^2 /NDF: 19.2/17

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 14168.301+/-5.550 χ^2/NDF : 128124.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14759.199+/-5.183 χ^2/NDF : 93234.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

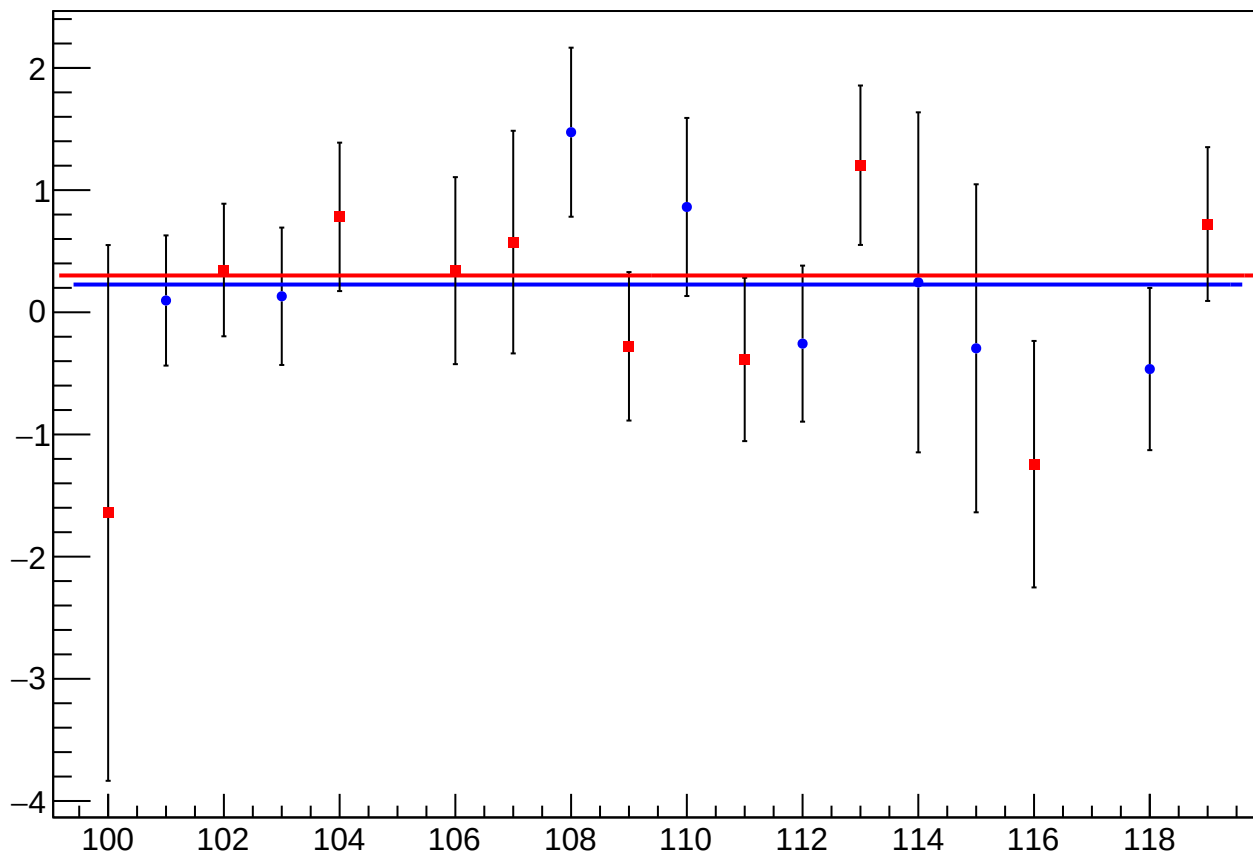
Right: 14483.898+/-3.788 χ^2/NDF : 227413.3/17

In: 14168.301+/-5.550 χ^2/NDF : 128124.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14483.898+/-3.788 χ^2/NDF : 227413.3/17

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.227+/-0.247 χ^2/NDF : 5.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.301+/-0.223 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

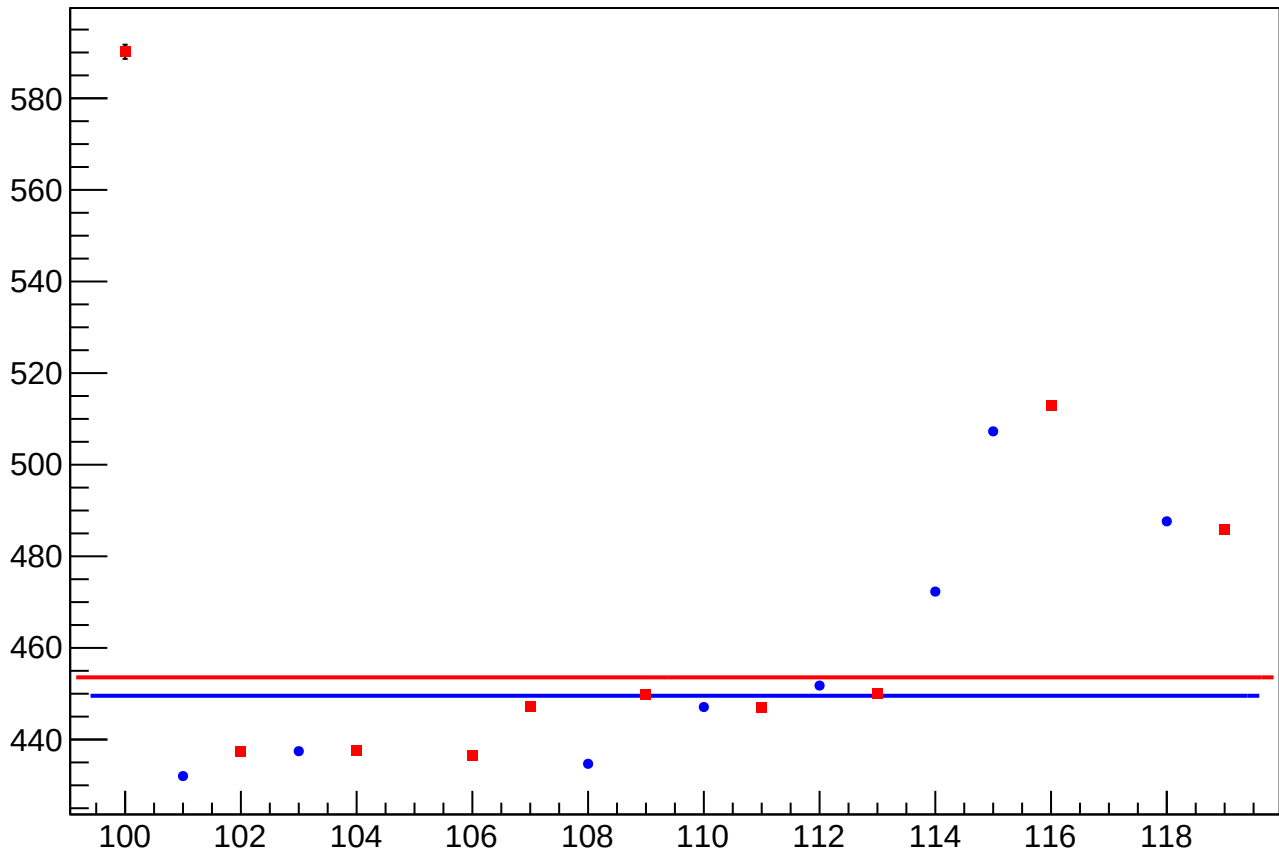
Right: 0.268+/-0.166 χ^2/NDF : 14.1/17

In: 0.227+/-0.247 χ^2/NDF : 5.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.268+/-0.166 χ^2/NDF : 14.1/17

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 449.554+/-0.174 χ^2/NDF : 14877.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 453.574+/-0.158 χ^2/NDF : 24453.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

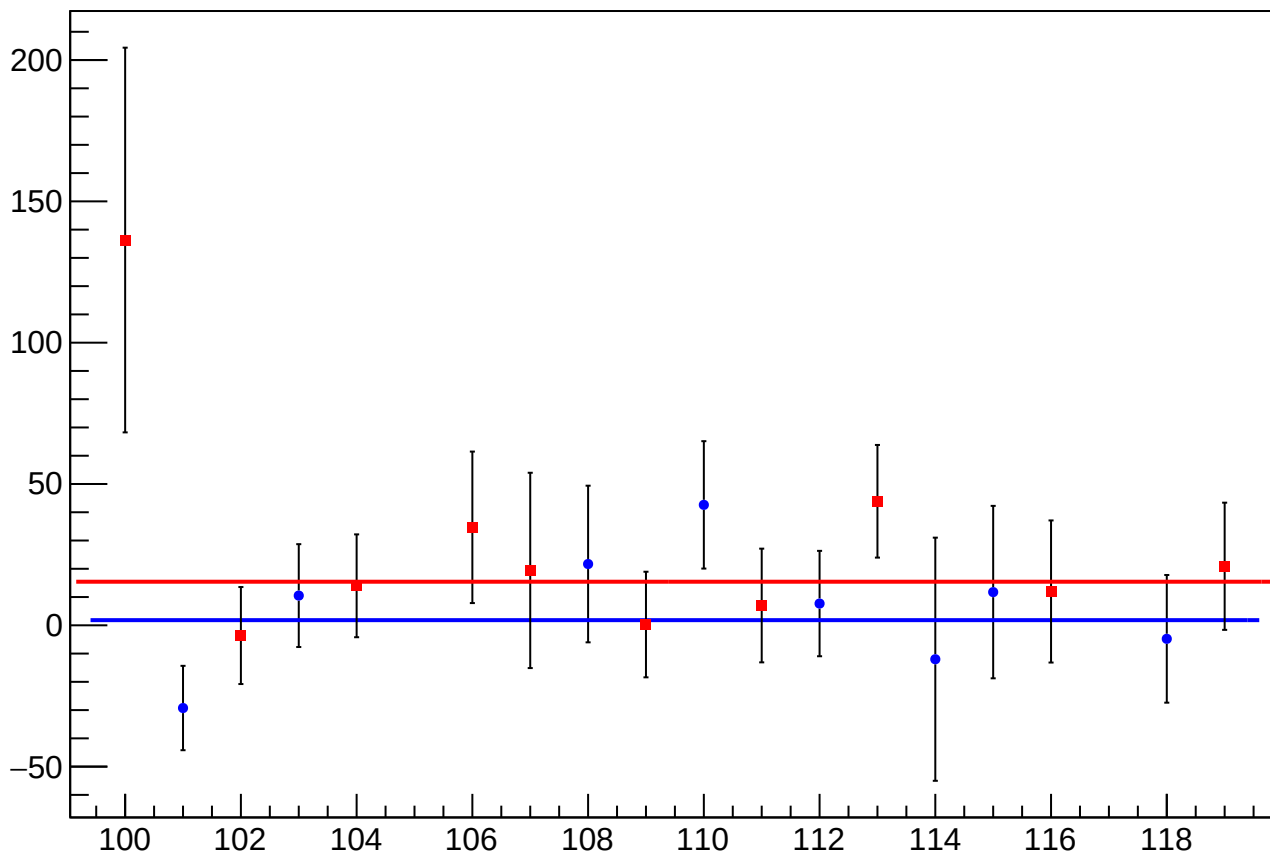
Right: 451.761+/-0.117 χ^2/NDF : 39622.9/17

In: 449.554+/-0.174 χ^2/NDF : 14877.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.761+/-0.117 χ^2/NDF : 39622.9/17

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: 1.824+/-7.618 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.423+/-7.023 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

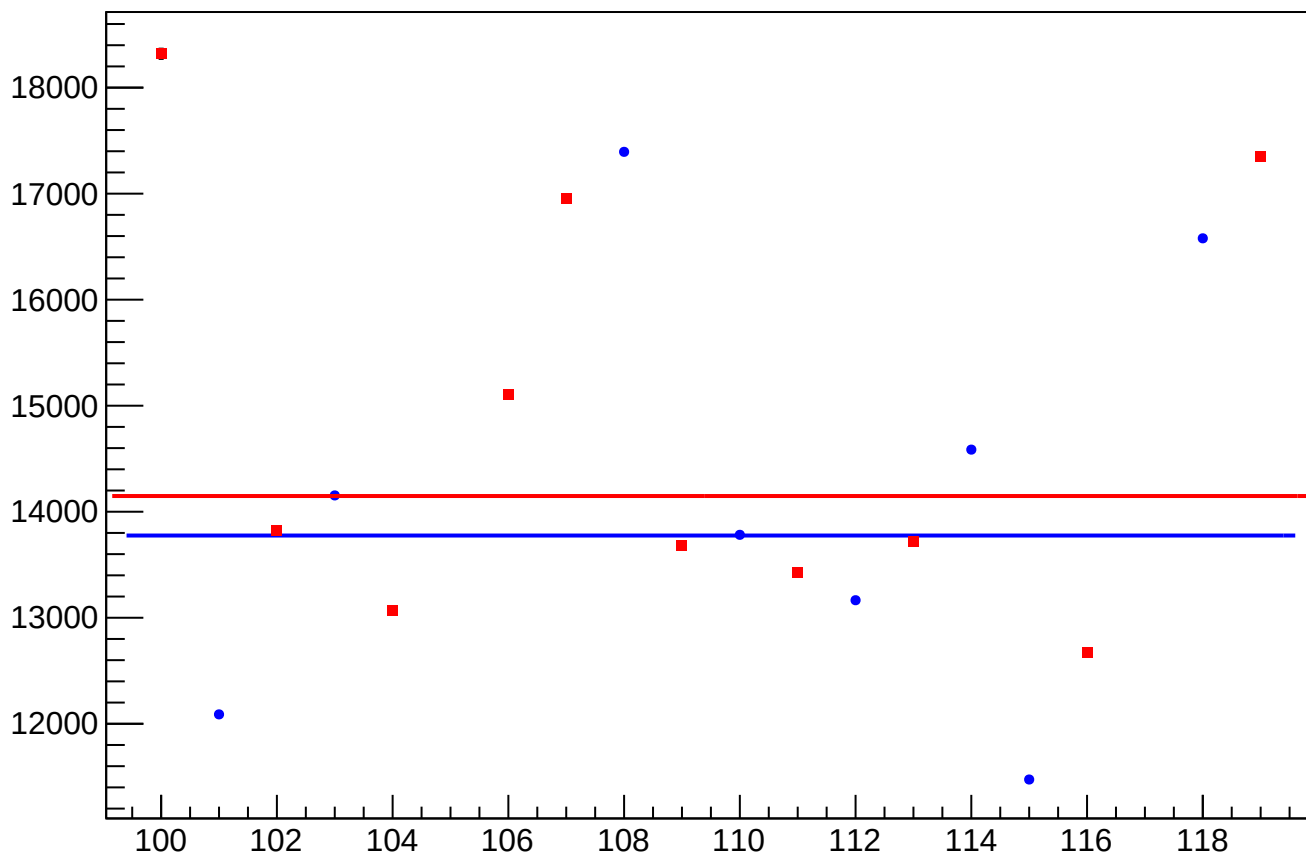
Right: 9.175+/-5.164 χ^2/NDF : 18.3/17

In: 1.824+/-7.618 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.175+/-5.164 χ^2/NDF : 18.3/17

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13775.538+/-5.387 χ^2/NDF : 105545.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14148.094+/-4.966 χ^2/NDF : 83073.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

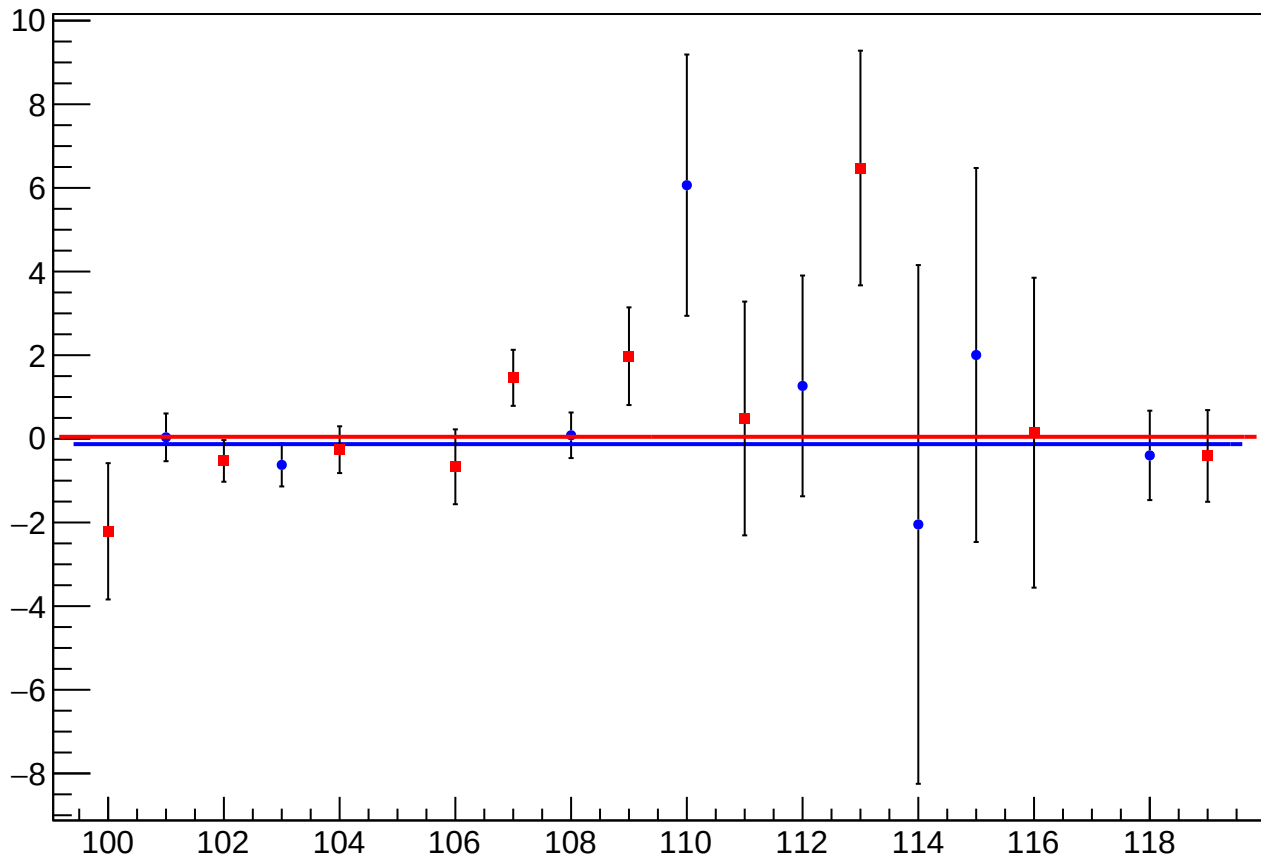
Right: 13976.920+/-3.651 χ^2/NDF : 191204.5/17

In: 13775.538+/-5.387 χ^2/NDF : 105545.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13976.920+/-3.651 χ^2/NDF : 191204.5/17

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.126 ± 0.296 χ^2/NDF : 5.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.278 χ^2/NDF : 16.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

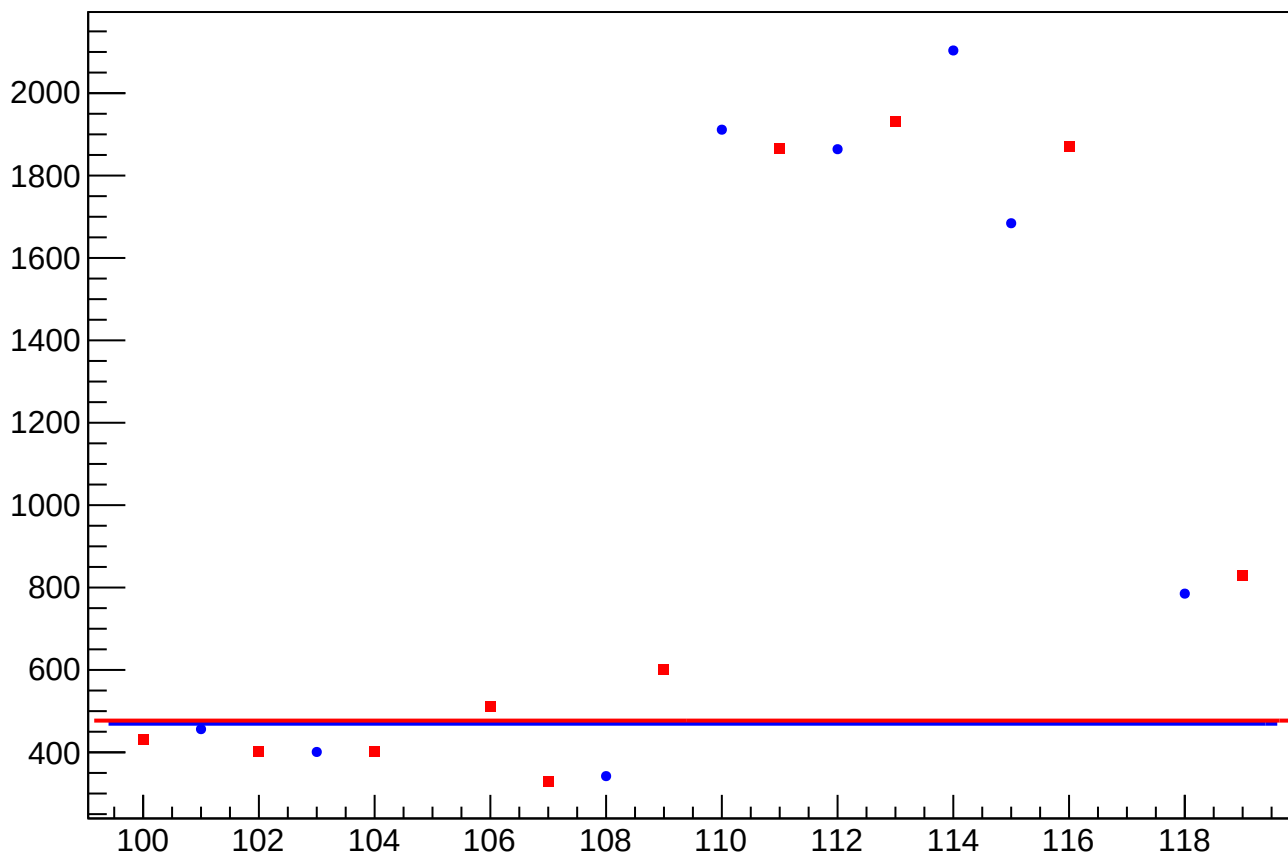
Right: -0.033 ± 0.203 χ^2/NDF : 22.7/17

In: -0.126 ± 0.296 χ^2/NDF : 5.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.203 χ^2/NDF : 22.7/17

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 469.508+/-0.209 χ^2/NDF : 1591017.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 477.021+/-0.196 χ^2/NDF : 1729365.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

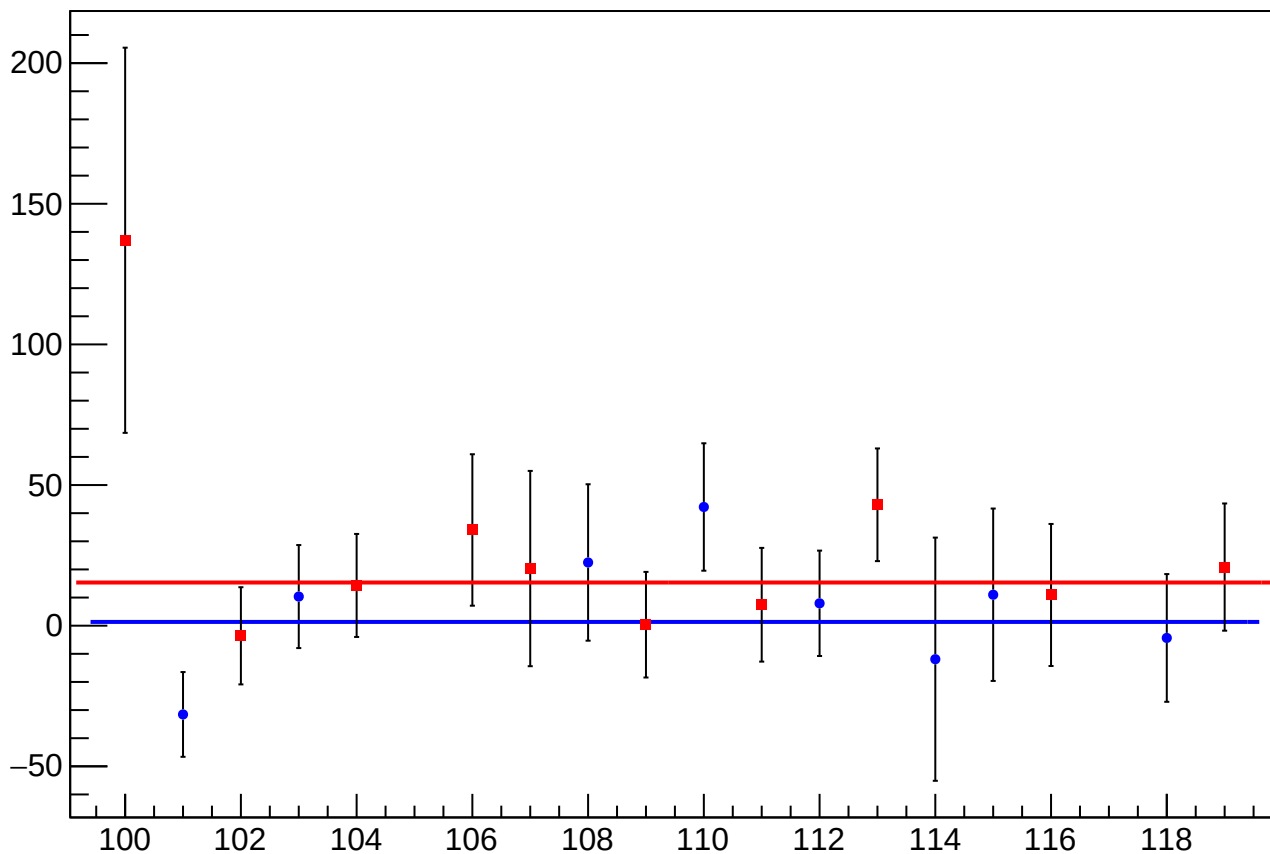
Right: 473.507+/-0.143 χ^2/NDF : 3321067.8/17

In: 469.508+/-0.209 χ^2/NDF : 1591017.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.507+/-0.143 χ^2/NDF : 3321067.8/17

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 1.339+/-7.666 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.349+/-7.061 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

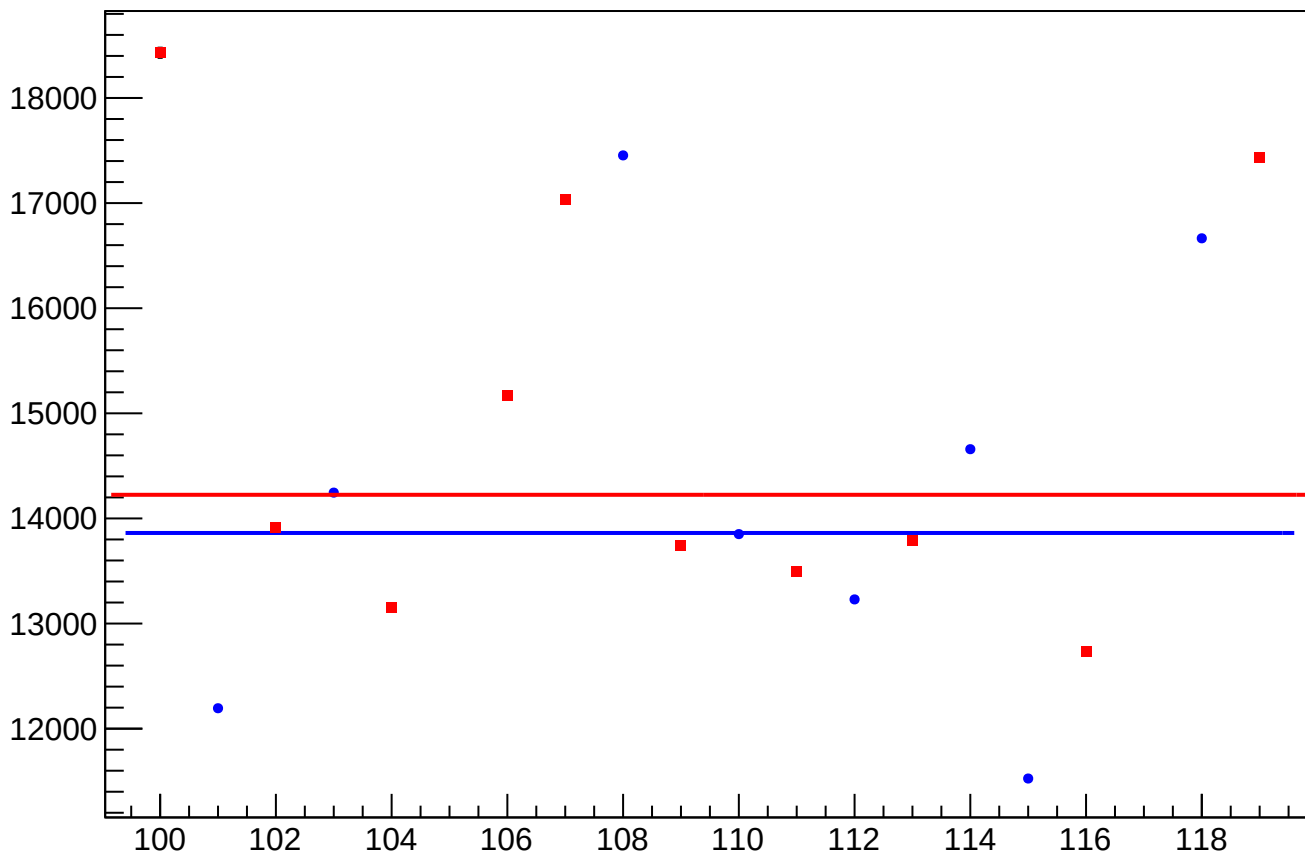
Right: 8.918+/-5.194 χ^2/NDF : 18.7/17

In: 1.339+/-7.666 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.918+/-5.194 χ^2/NDF : 18.7/17

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13861.793+/-5.421 χ^2/NDF : 103801.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14224.908+/-4.993 χ^2/NDF : 82747.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

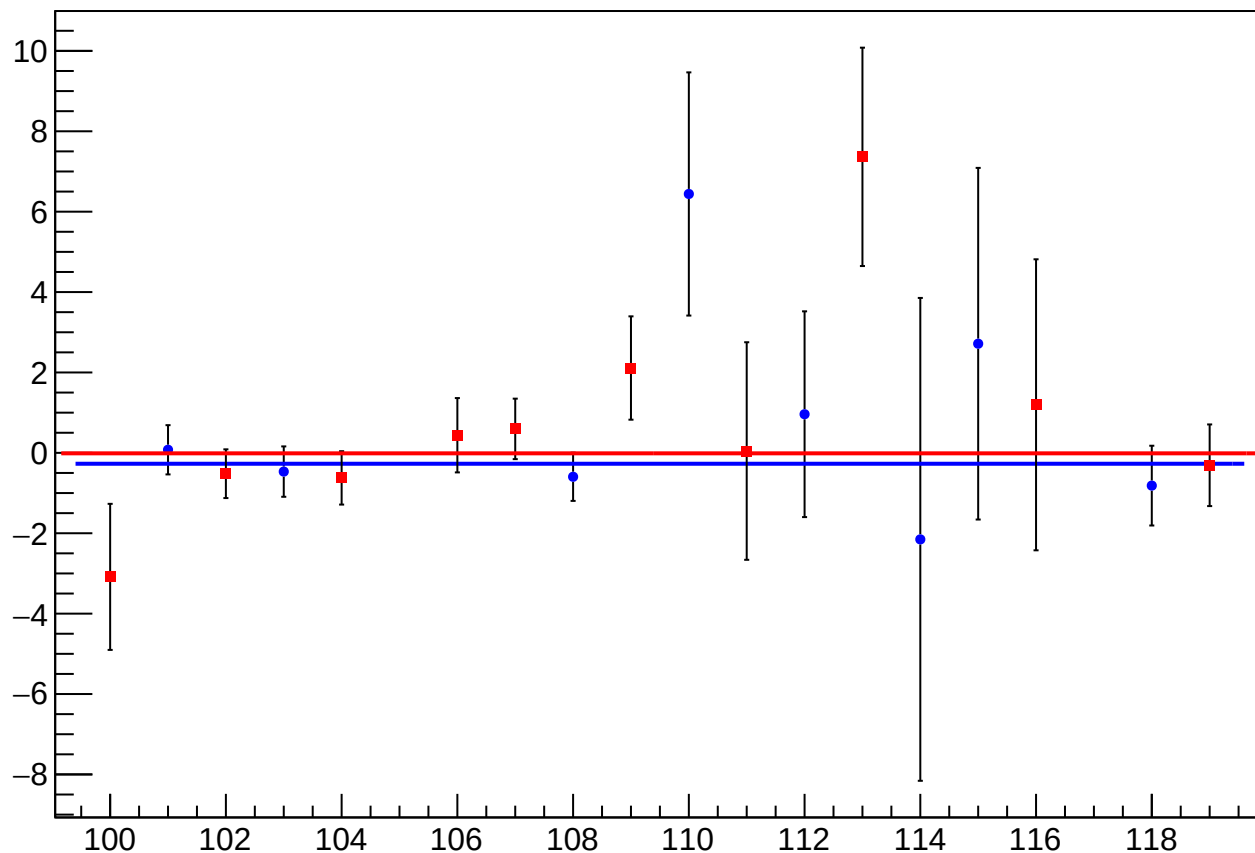
Right: 14058.230+/-3.672 χ^2/NDF : 188977.0/17

In: 13861.793+/-5.421 χ^2/NDF : 103801.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14058.230+/-3.672 χ^2/NDF : 188977.0/17

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.271 ± 0.327 χ^2/NDF : 6.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.314 χ^2/NDF : 15.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

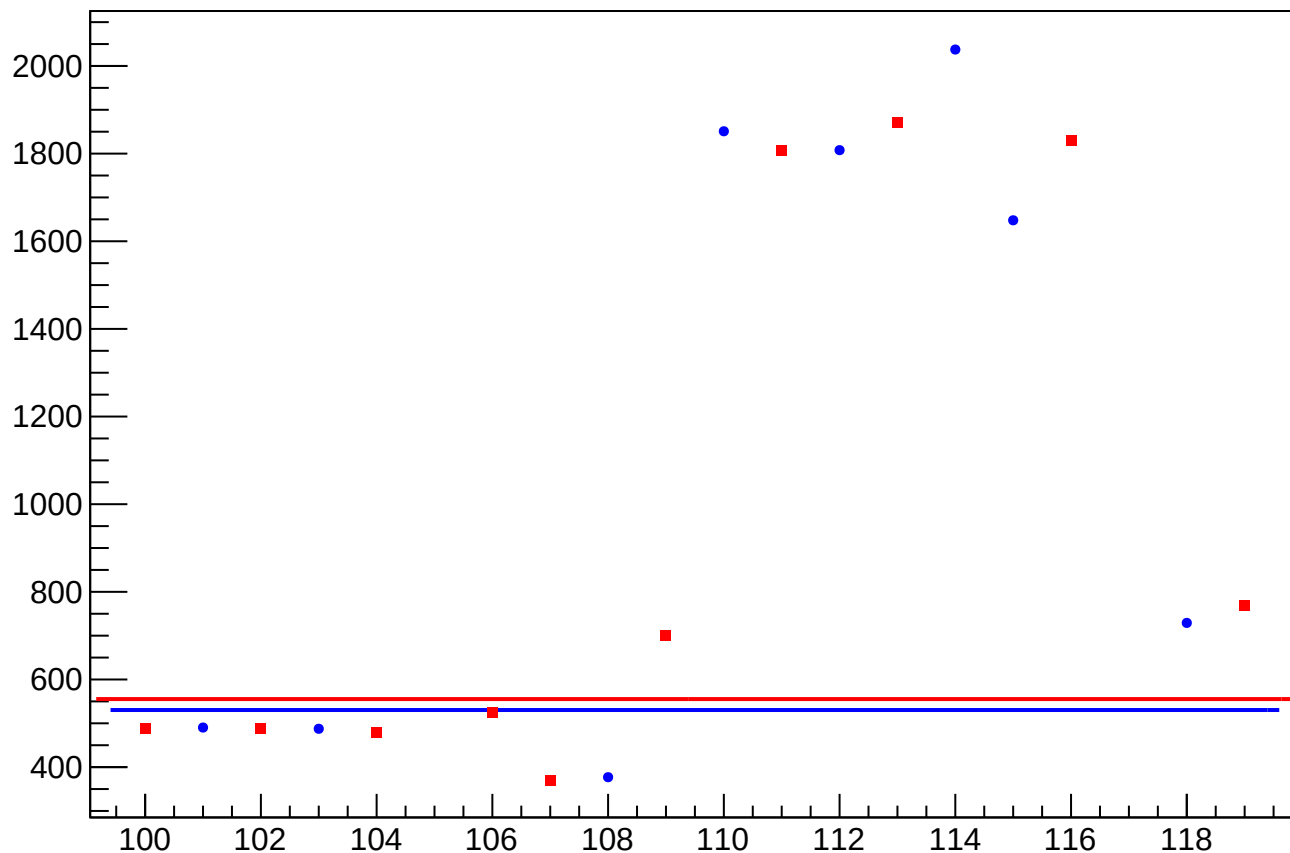
Right: -0.136 ± 0.226 χ^2/NDF : 22.7/17

In: -0.271 ± 0.327 χ^2/NDF : 6.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.136 ± 0.226 χ^2/NDF : 22.7/17

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 530.328+/-0.231 χ^2/NDF : 1364644.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 555.324+/-0.222 χ^2/NDF : 1436027.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

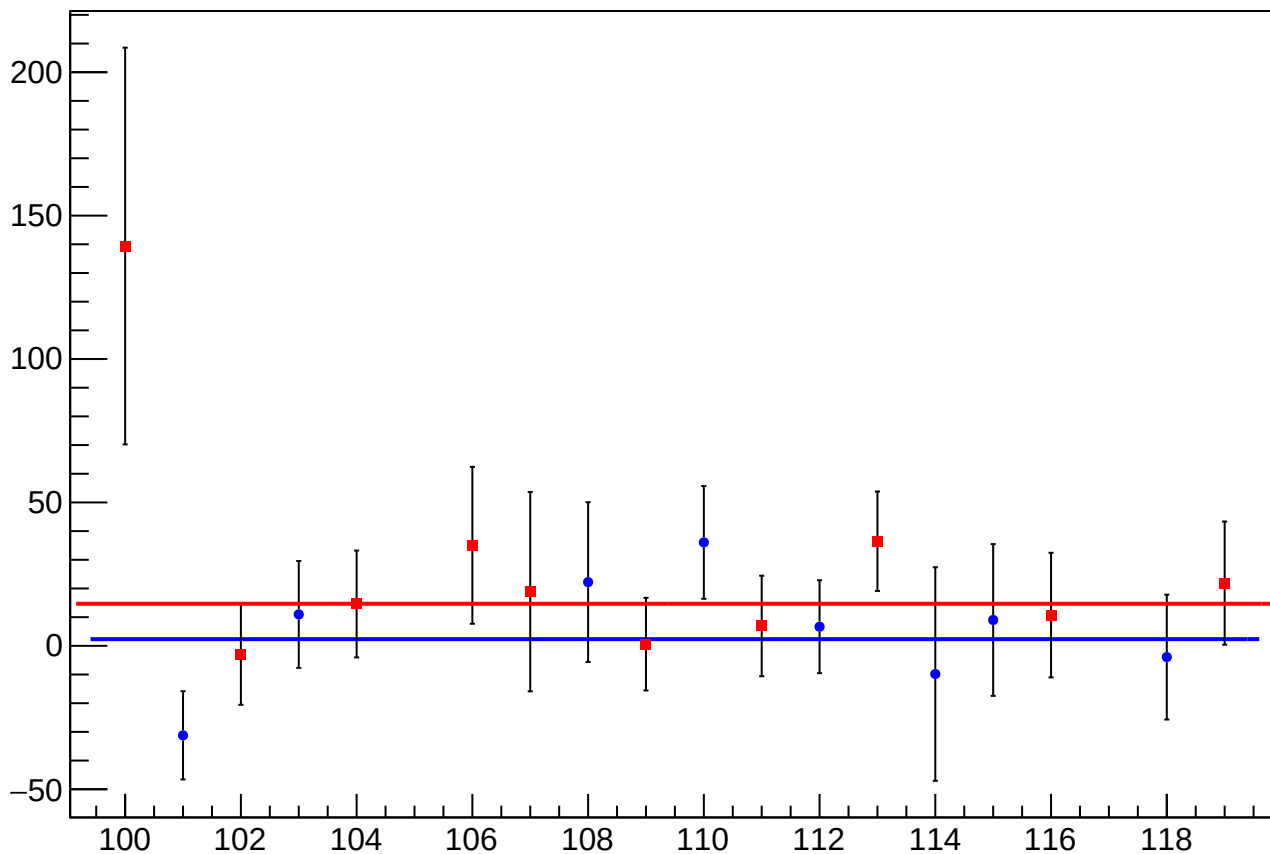
Right: 543.343+/-0.160 χ^2/NDF : 2806753.3/17

In: 530.328+/-0.231 χ^2/NDF :1364644.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 543.343+/-0.160 χ^2/NDF : 2806753.3/17

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: 2.333+/-7.244 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.677+/-6.566 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

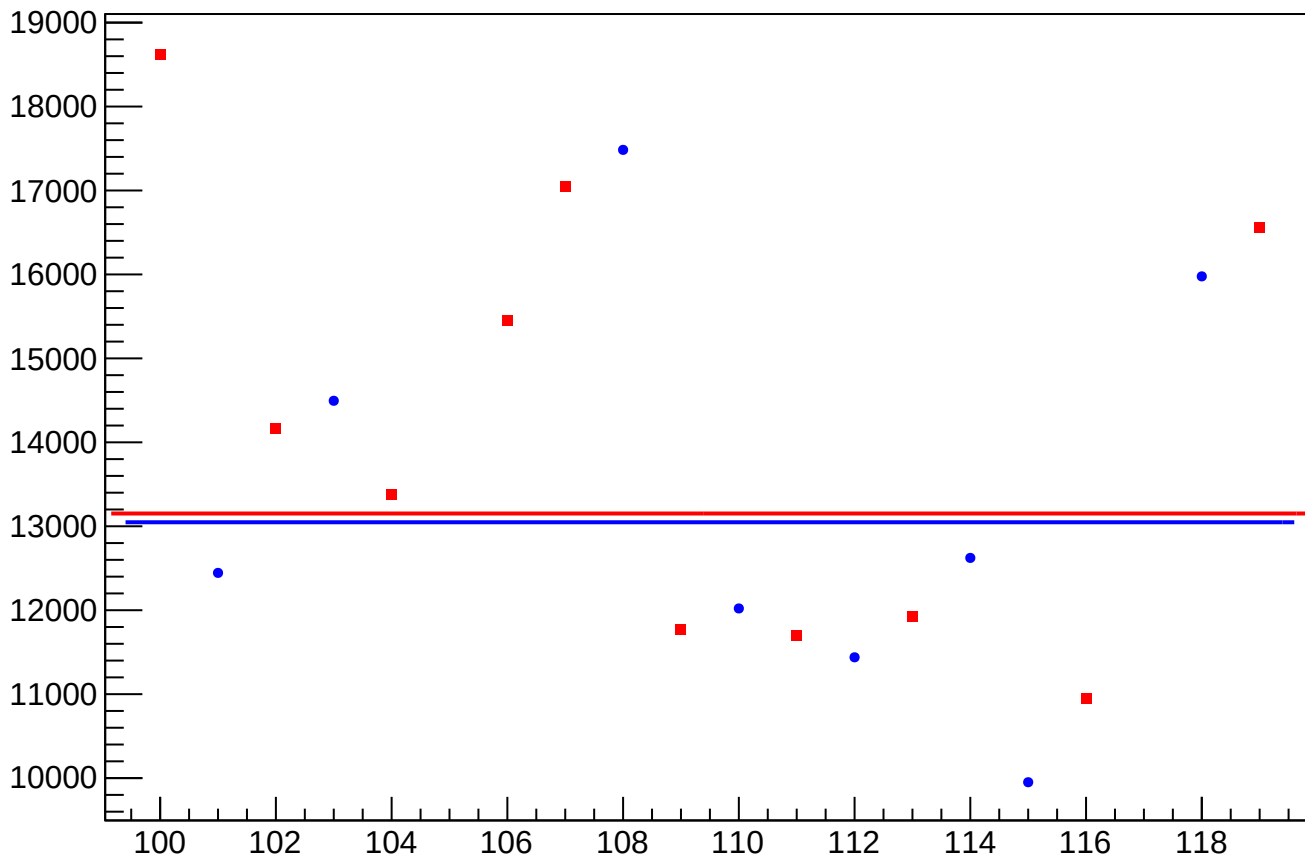
Right: 9.109+/-4.865 χ^2/NDF : 17.9/17

In: 2.333+/-7.244 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.109+/-4.865 χ^2/NDF : 17.9/17

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13047.689+/-5.122 χ^2/NDF : 154922.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13152.082+/-4.643 χ^2/NDF : 167874.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

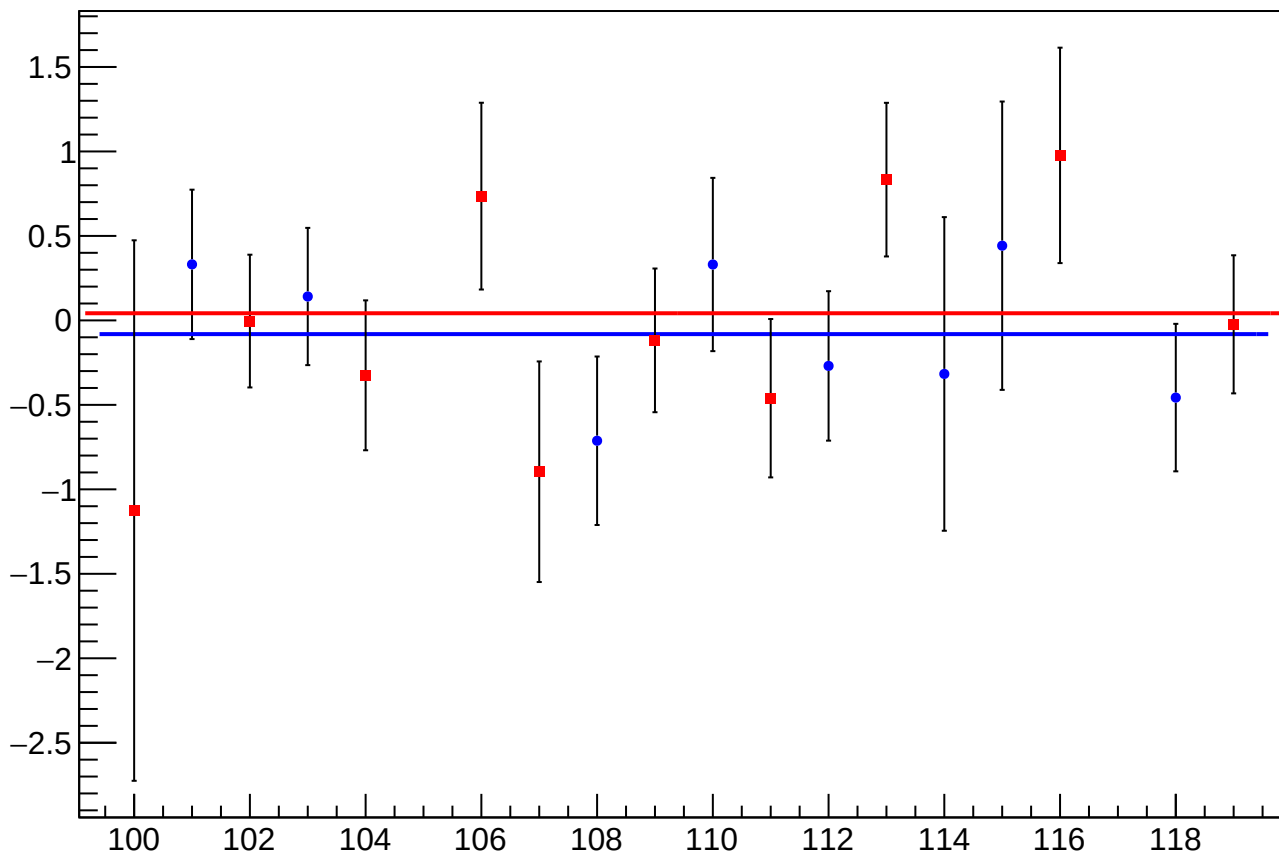
Right: 13104.995+/-3.440 χ^2/NDF : 323025.0/17

In: 13047.689+/-5.122 χ^2/NDF : 154922.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13104.995+/-3.440 χ^2/NDF : 323025.0/17

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.081 ± 0.177 χ^2/NDF : 4.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.042 ± 0.156 χ^2/NDF : 11.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

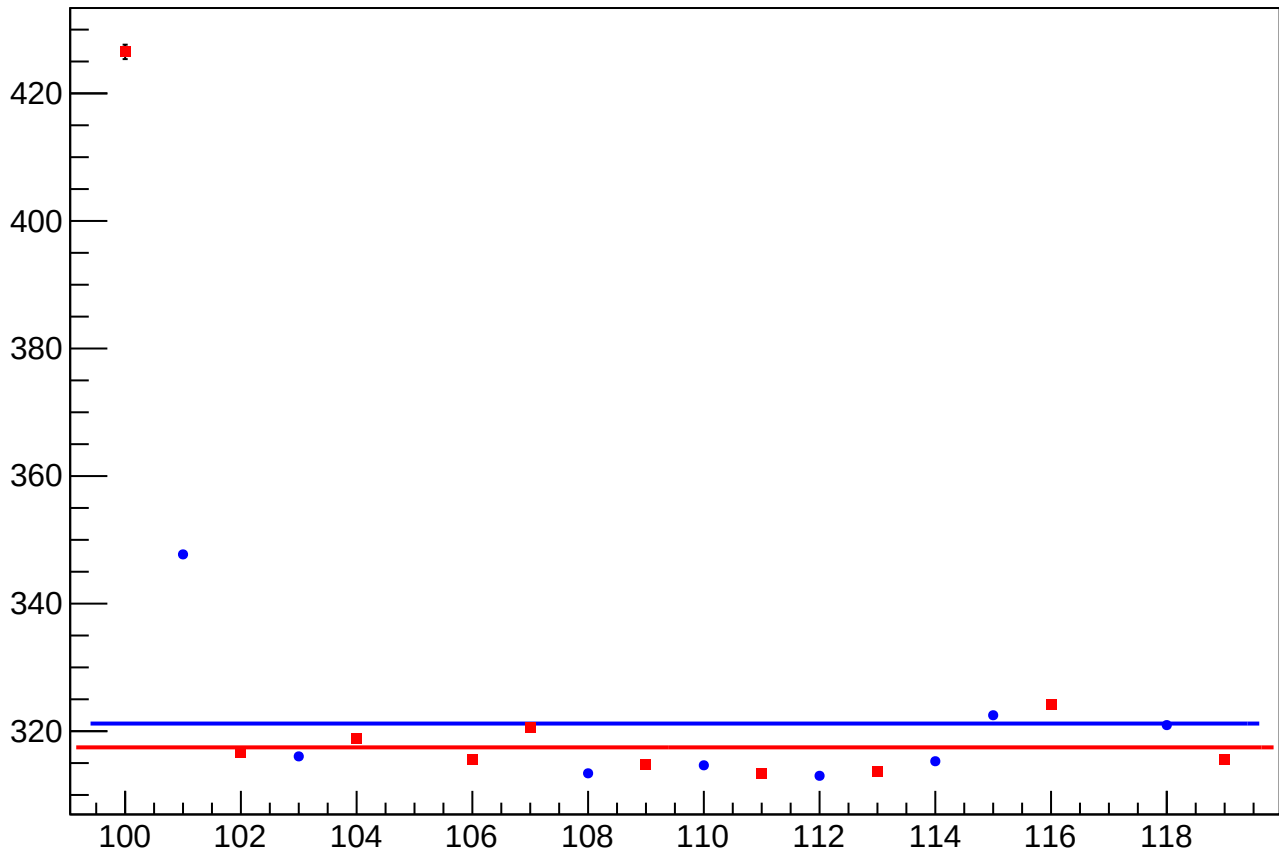
Right: -0.012 ± 0.117 χ^2/NDF : 16.4/17

In: -0.081 ± 0.177 χ^2/NDF : 4.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.012 ± 0.117 χ^2/NDF : 16.4/17

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.196 $\pm$ 0.125 χ^2 /NDF: 9106.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 317.462 $\pm$ 0.111 χ^2 /NDF: 10017.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

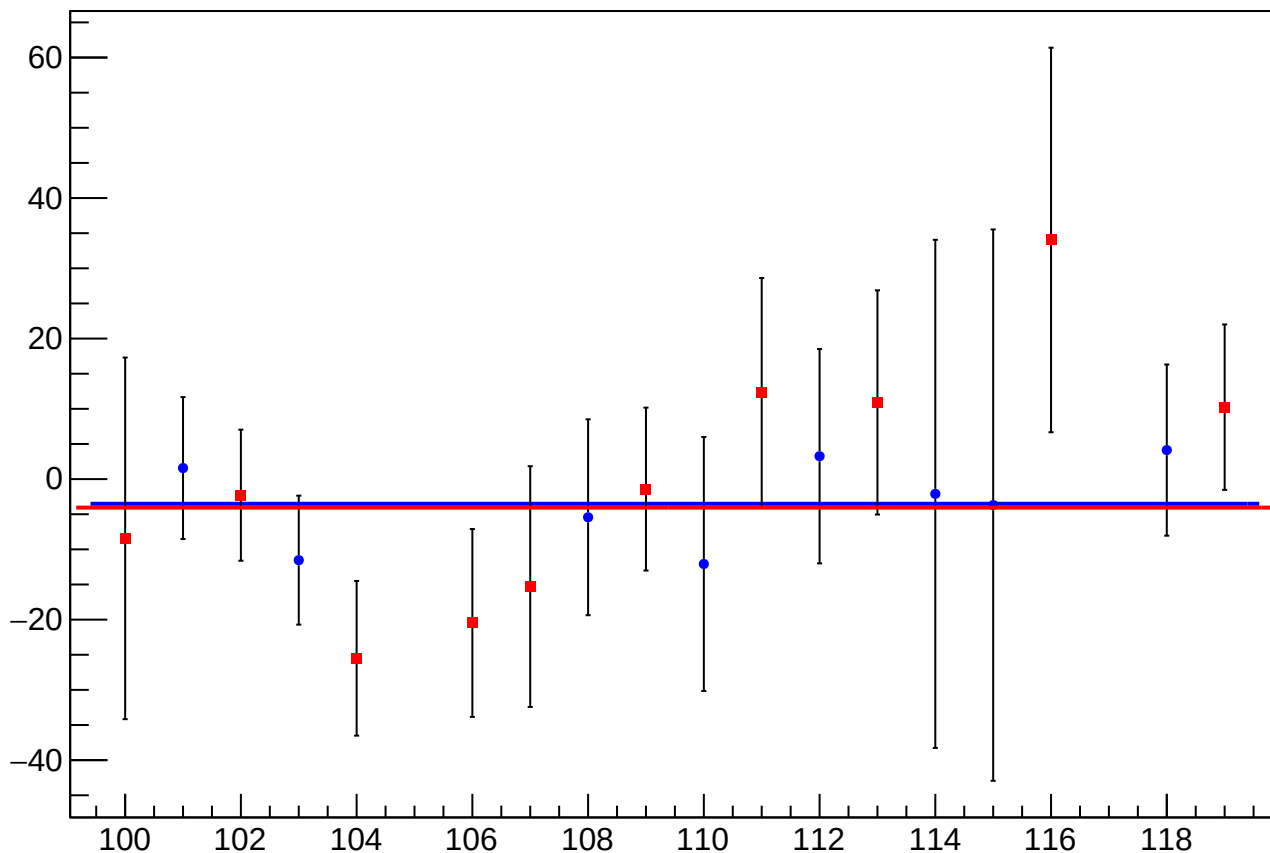
Right: 319.097 $\pm$ 0.083 χ^2 /NDF: 19623.2/17

In: 321.196 $\pm$ 0.125 χ^2 /NDF: 9106.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.097 $\pm$ 0.083 χ^2 /NDF: 19623.2/17

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -3.511+/-4.860 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.057+/-4.306 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

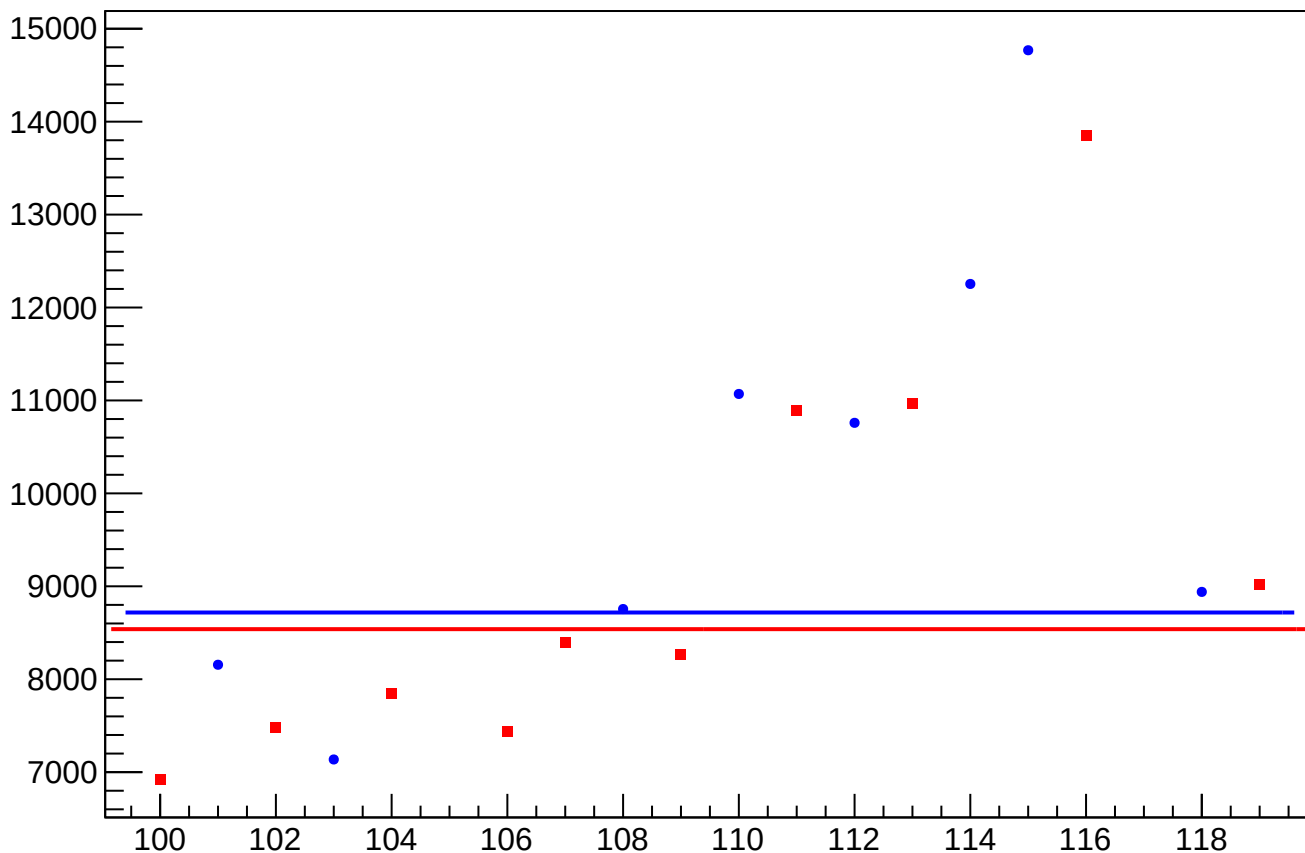
Right: -3.817+/-3.223 χ^2/NDF : 13.0/17

In: -3.511+/-4.860 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.817+/-3.223 χ^2/NDF : 13.0/17

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 8717.952+/-3.437 χ^2/NDF : 202617.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8538.825+/-3.045 χ^2/NDF : 222750.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

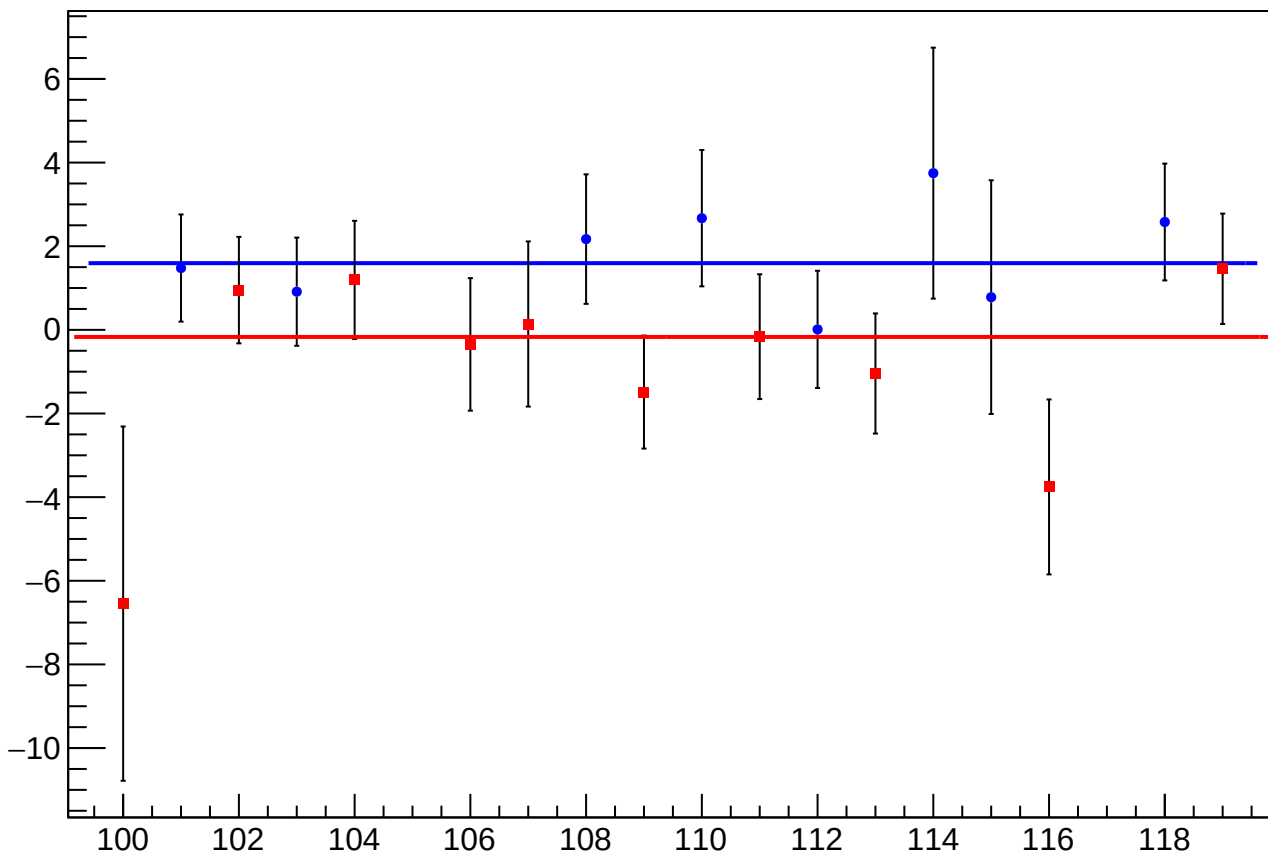
Right: 8617.604+/-2.279 χ^2/NDF : 426889.6/17

In: 8717.952+/-3.437 χ^2/NDF : 202617.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8617.604+/-2.279 χ^2/NDF : 426889.6/17

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 1.595 $\pm$ 0.554 χ^2/NDF : 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.169 $\pm$ 0.493 χ^2/NDF : 9.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

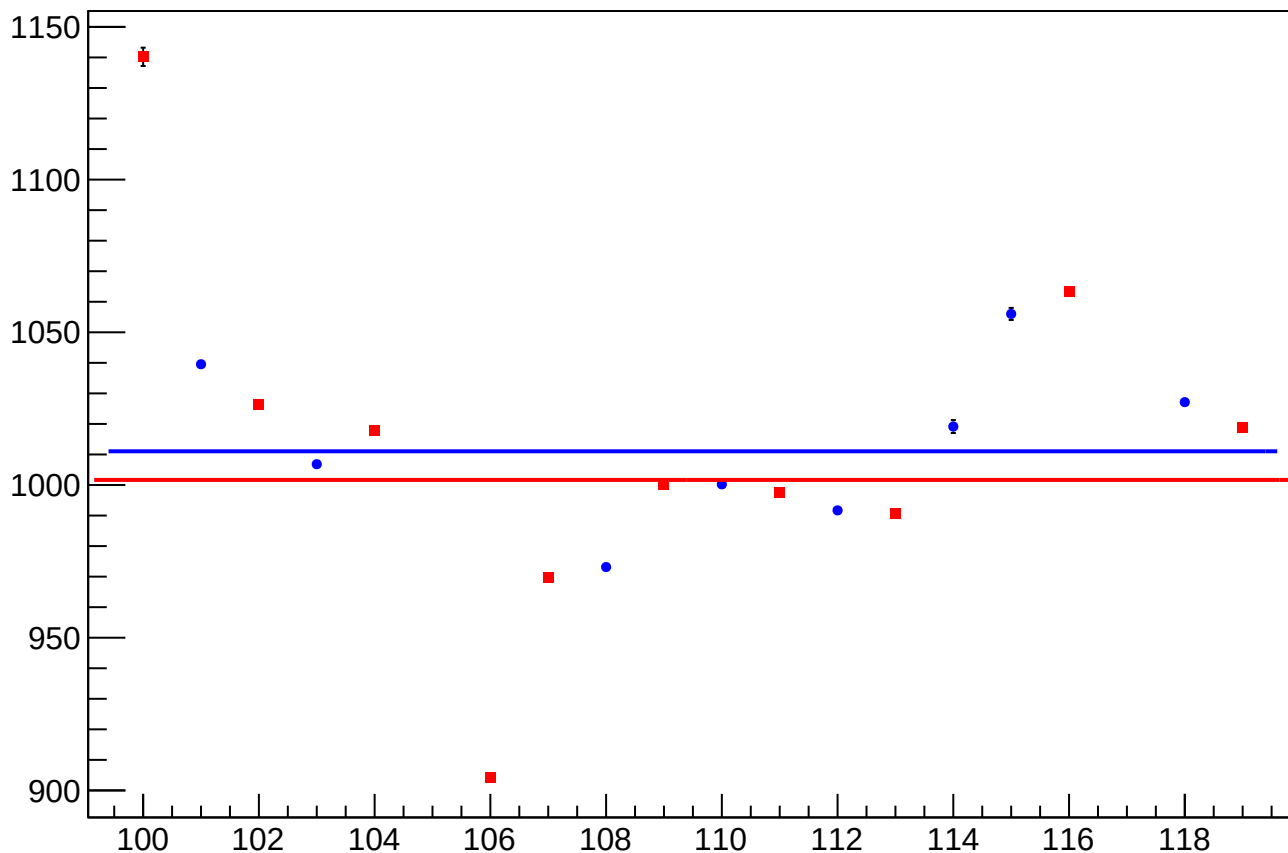
Right: 0.611 $\pm$ 0.368 χ^2/NDF : 18.7/17

In: 1.595 $\pm$ 0.554 χ^2/NDF : 3.2/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.611 $\pm$ 0.368 χ^2/NDF : 18.7/17

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 1011.041 $\pm$ 0.392 χ^2/NDF : 3476.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1001.664 $\pm$ 0.349 χ^2/NDF : 13446.0/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

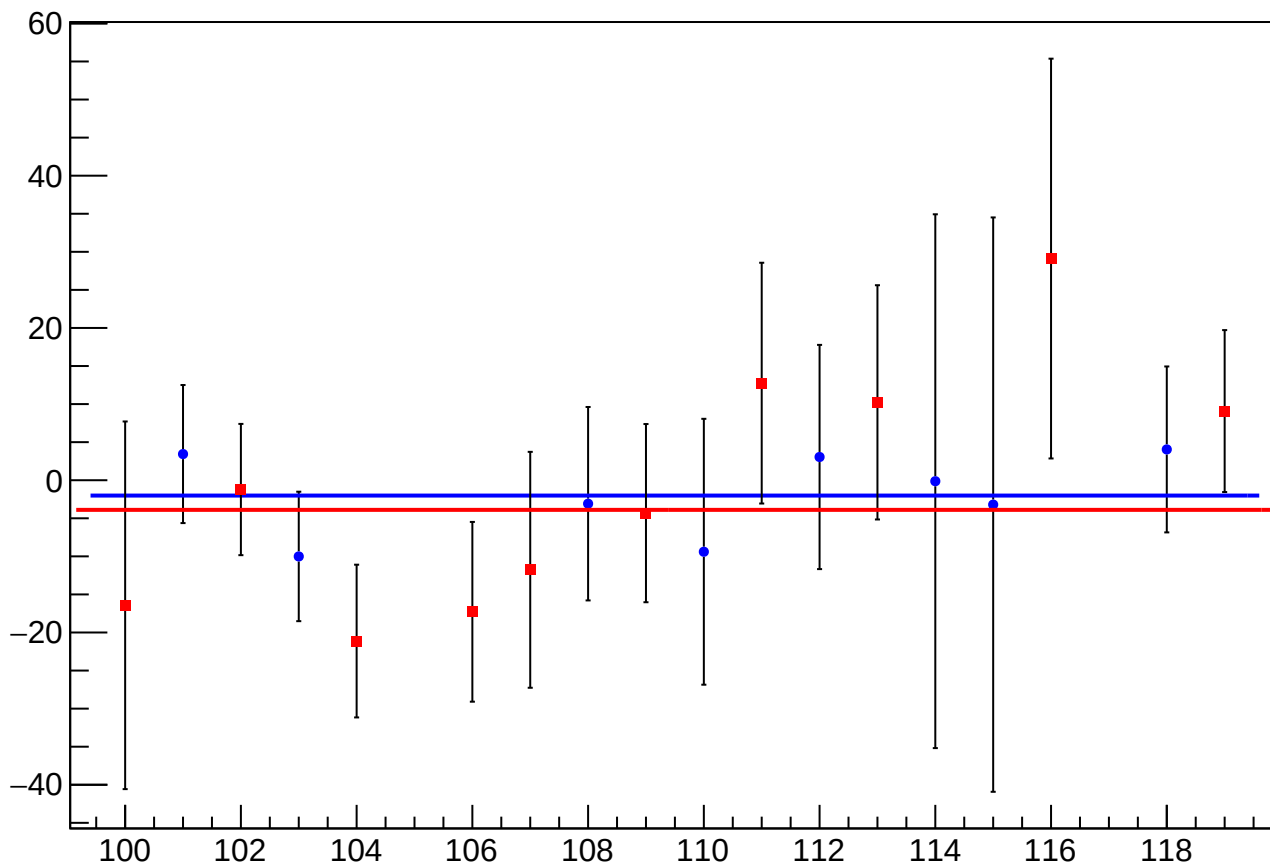
Right: 1005.810 $\pm$ 0.260 χ^2/NDF : 17241.9/17

In: 1011.041 $\pm$ 0.392 χ^2/NDF : 3476.1/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1005.810 $\pm$ 0.260 χ^2/NDF : 17241.9/17

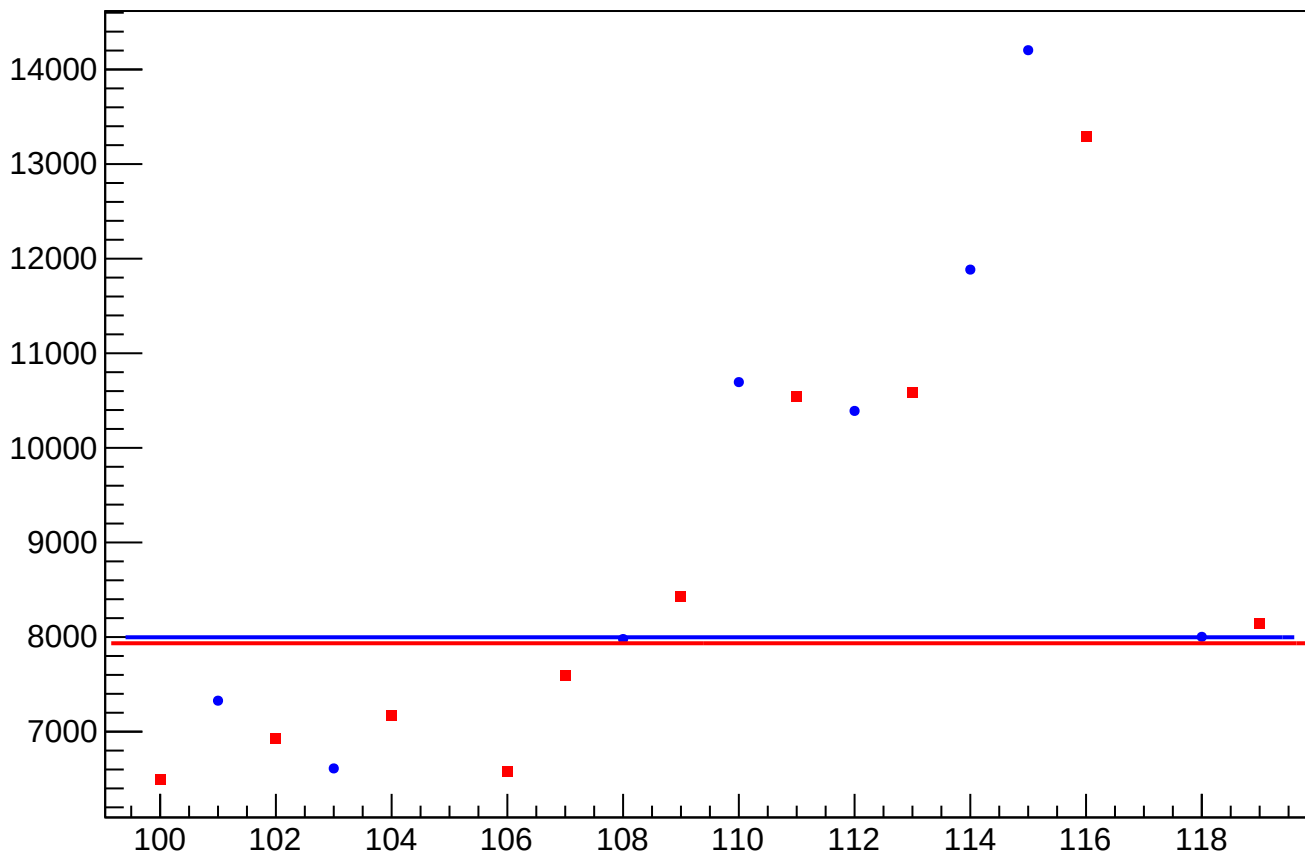
diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -2.015 ± 4.471 $\chi^2/\text{NDF}: 1.9/7$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -3.893 ± 4.007 $\chi^2/\text{NDF}: 9.9/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: -3.057 ± 2.984 $\chi^2/\text{NDF}: 11.8/17$
 In: -2.015 ± 4.471 $\chi^2/\text{NDF}: 1.9/7$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -3.057 ± 2.984 $\chi^2/\text{NDF}: 11.8/17$

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7997.807+/-3.162 χ^2/NDF : 243361.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7934.473+/-2.834 χ^2/NDF : 275006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

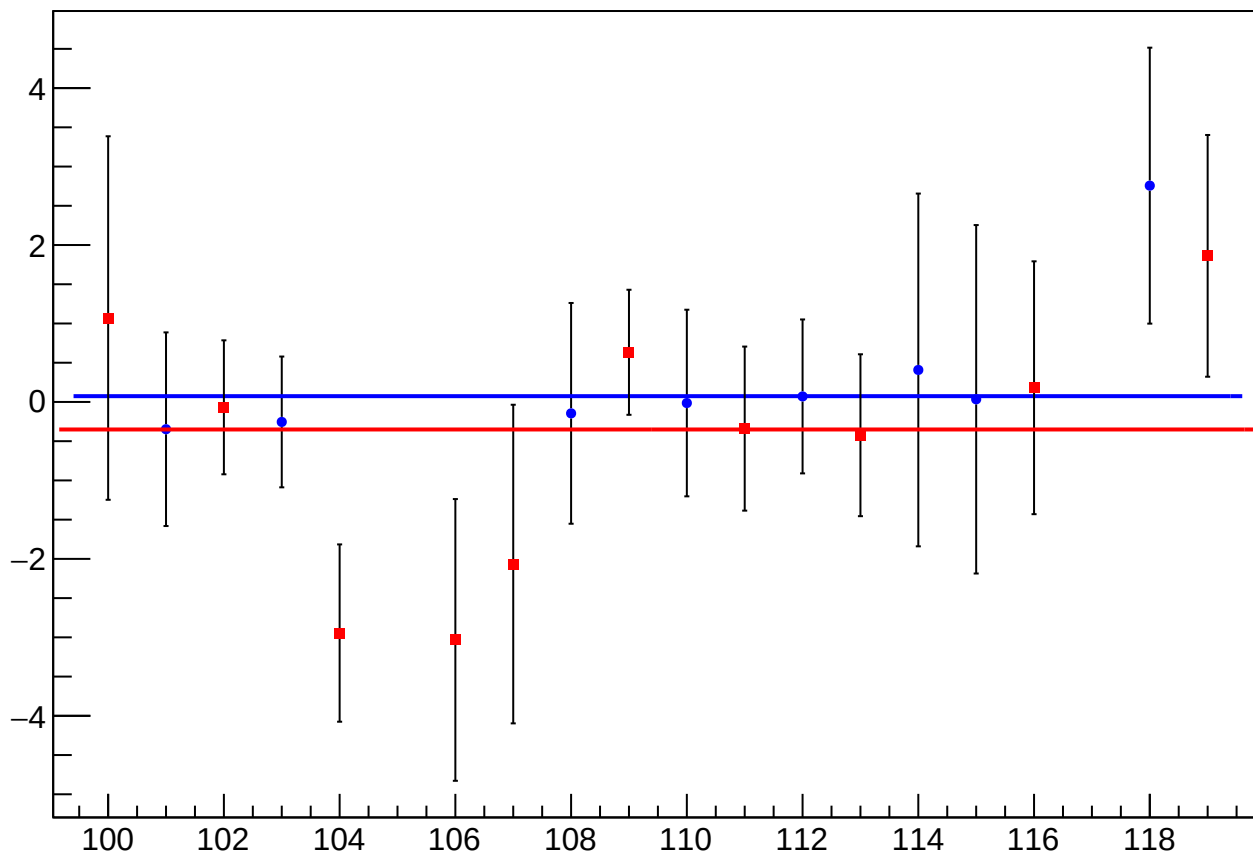
Right: 7962.686+/-2.110 χ^2/NDF : 518591.1/17

In: 7997.807+/-3.162 χ^2/NDF : 243361.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7962.686+/-2.110 χ^2/NDF : 518591.1/17

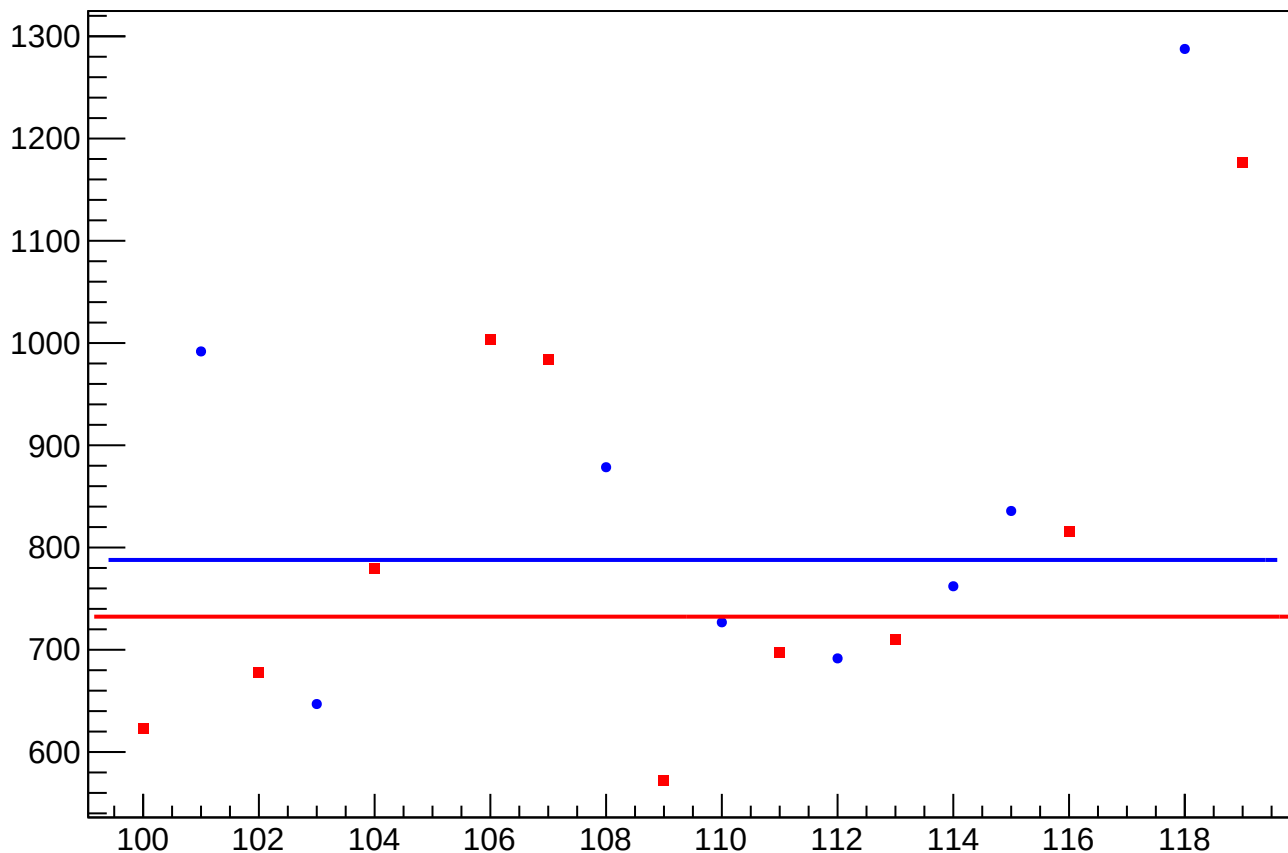
diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.444 χ^2/NDF : 2.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.351+/-0.374 χ^2/NDF : 12.4/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.174+/-0.286 χ^2/NDF : 15.6/17
 In: 0.074+/-0.444 χ^2/NDF : 2.7/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.174+/-0.286 χ^2/NDF : 15.6/17

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 787.854 $\pm$ 0.314 χ^2 /NDF: 307395.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 732.388 $\pm$ 0.265 χ^2 /NDF: 347479.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

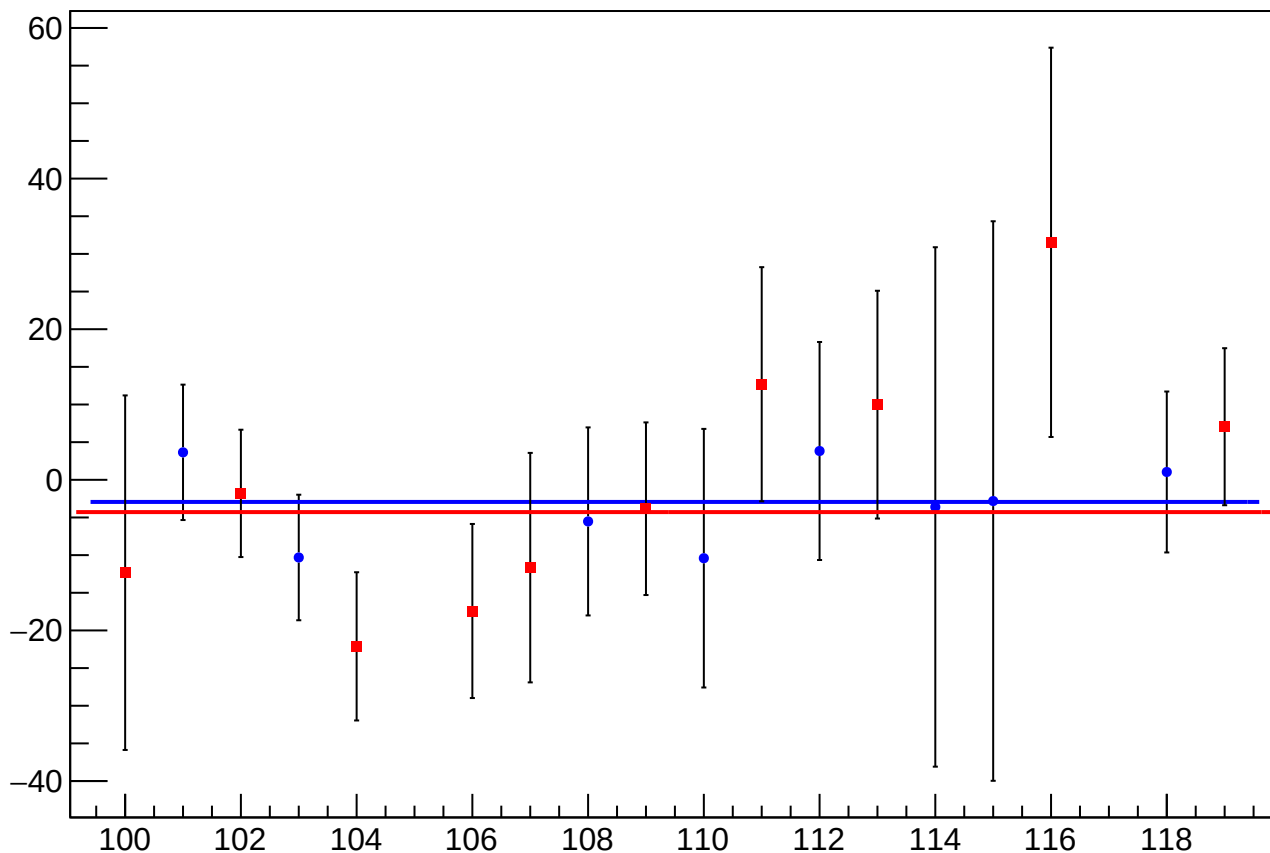
Right: 755.443 $\pm$ 0.202 χ^2 /NDF: 673112.4/17

In: 787.854 $\pm$ 0.314 χ^2 /NDF:307395.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 755.443 $\pm$ 0.202 χ^2 /NDF: 673112.4/17

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -2.936 ± 4.399 χ^2/NDF : 1.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.285 ± 3.930 χ^2/NDF : 10.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

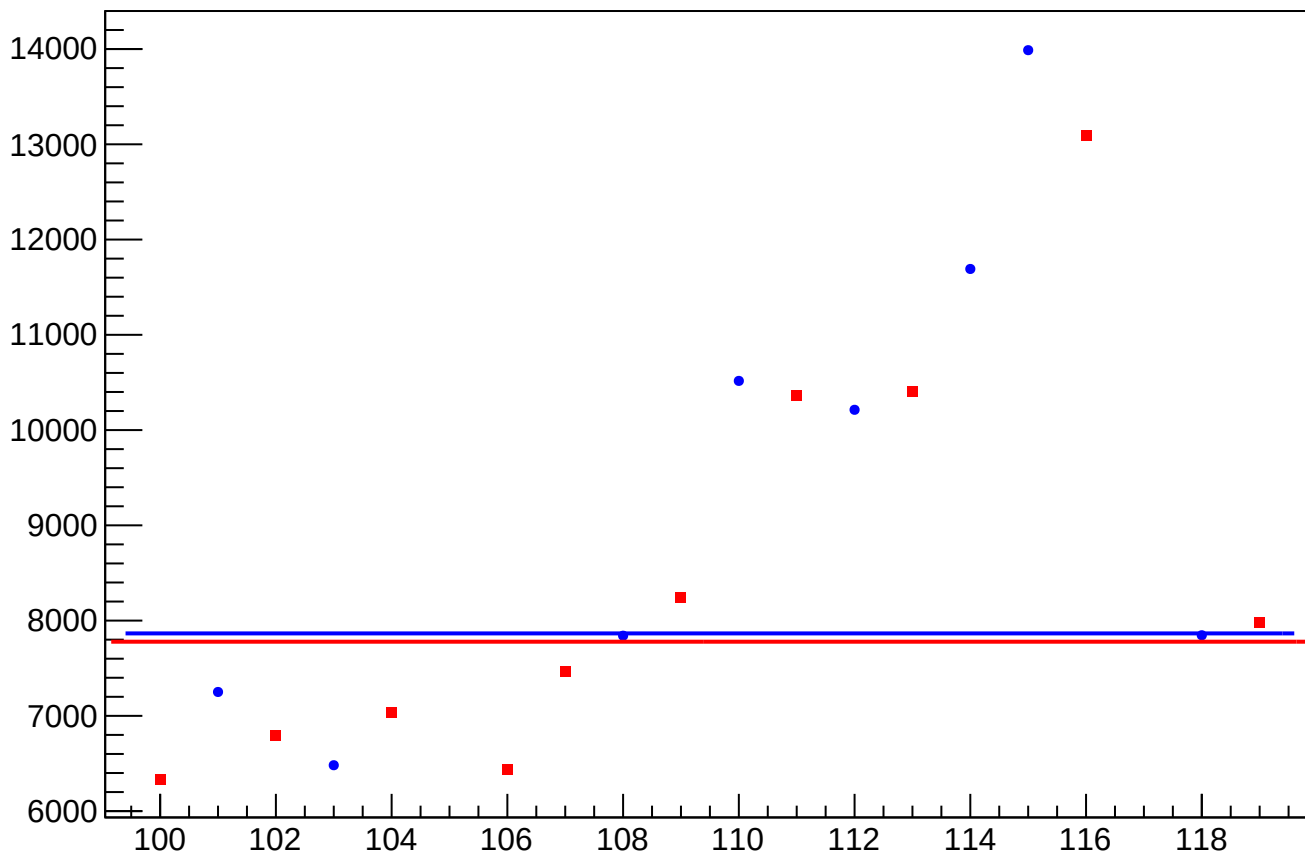
Right: -3.686 ± 2.931 χ^2/NDF : 12.2/17

In: -2.936 ± 4.399 χ^2/NDF : 1.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.686 ± 2.931 χ^2/NDF : 12.2/17

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7865.587+/-3.111 χ^2/NDF : 243693.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7778.432+/-2.779 χ^2/NDF : 278292.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

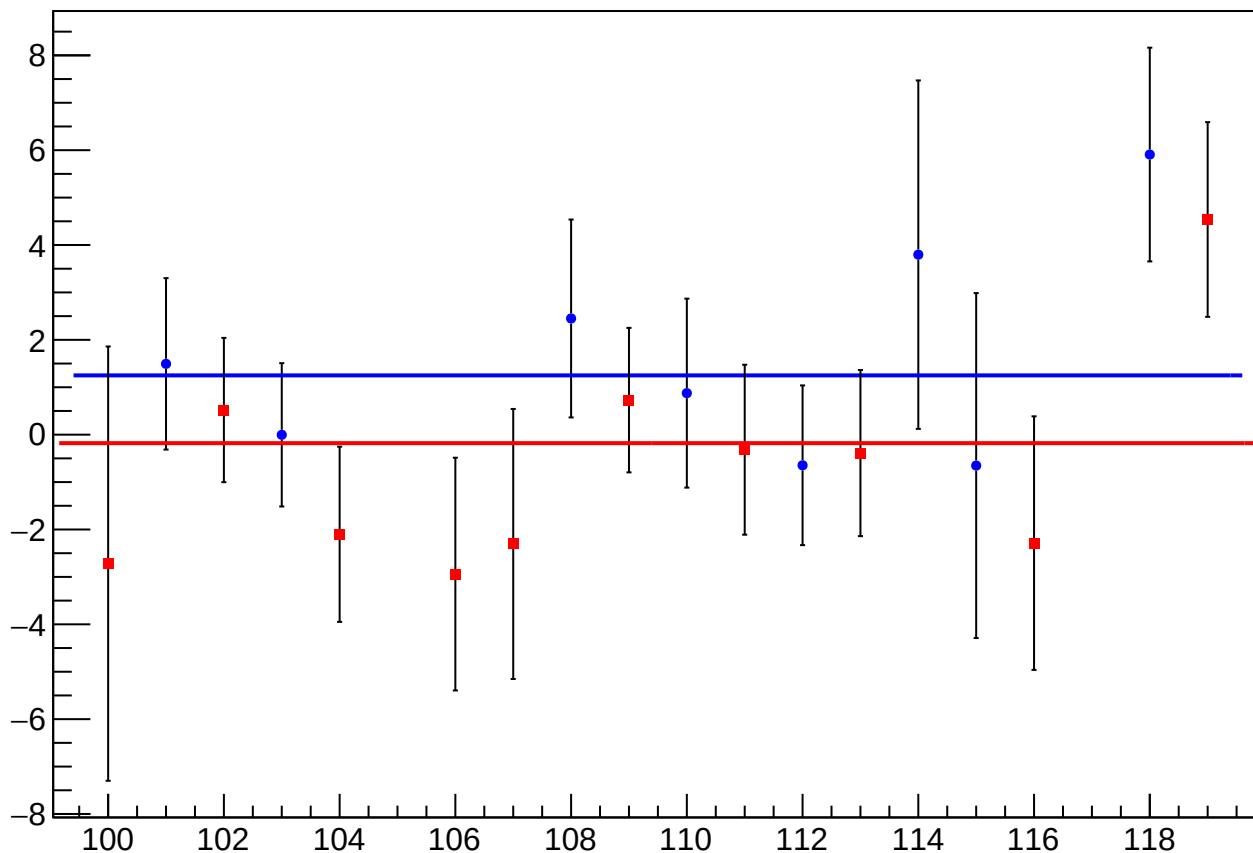
Right: 7817.120+/-2.073 χ^2/NDF : 522422.3/17

In: 7865.587+/-3.111 χ^2/NDF : 243693.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7817.120+/-2.073 χ^2/NDF : 522422.3/17

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.250 $\pm$ 0.721 χ^2 /NDF: 7.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.179 $\pm$ 0.632 χ^2 /NDF: 9.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

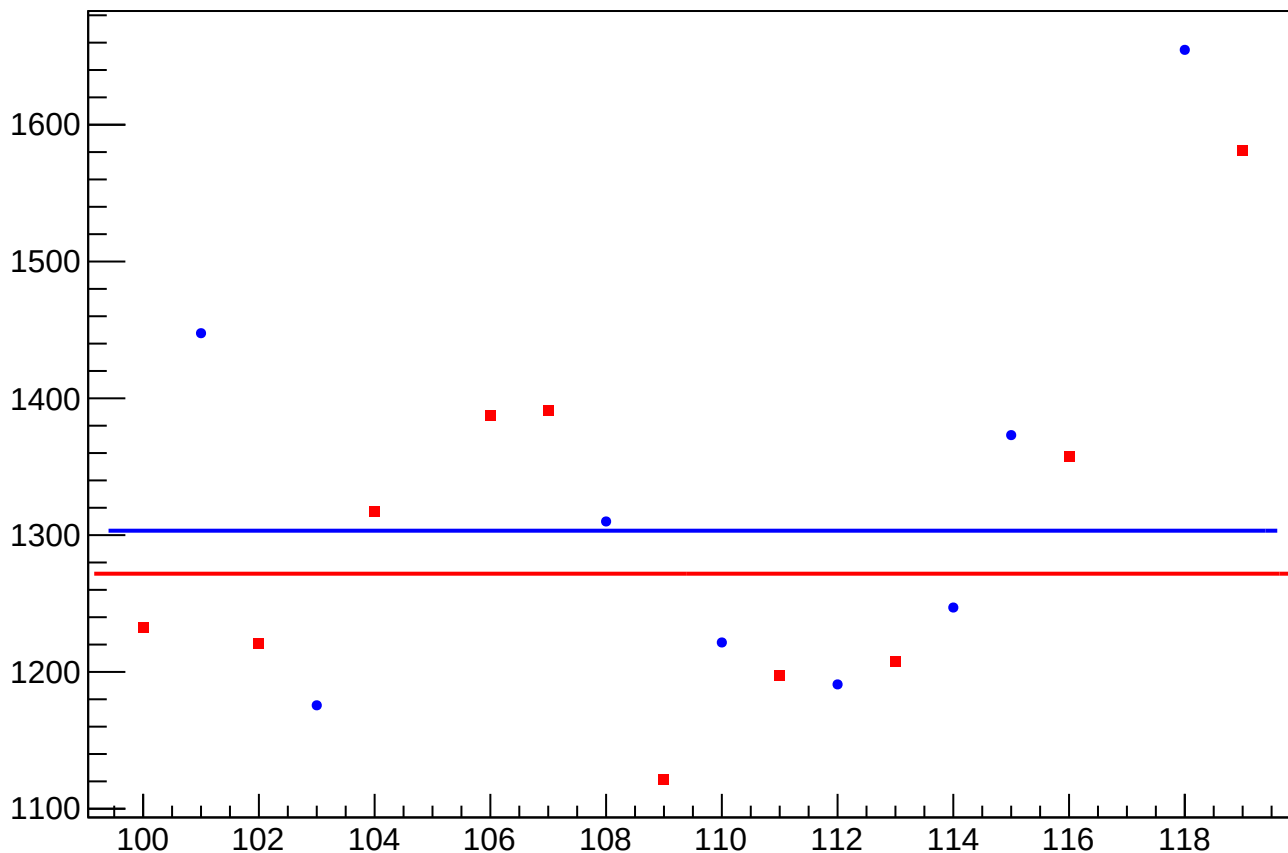
Right: 0.442 $\pm$ 0.475 χ^2 /NDF: 19.3/17

In: 1.250 $\pm$ 0.721 χ^2 /NDF:7.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.442 $\pm$ 0.475 χ^2 /NDF: 19.3/17

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1303.238+/-0.510 χ^2/NDF : 89134.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1271.805+/-0.447 χ^2/NDF : 84656.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

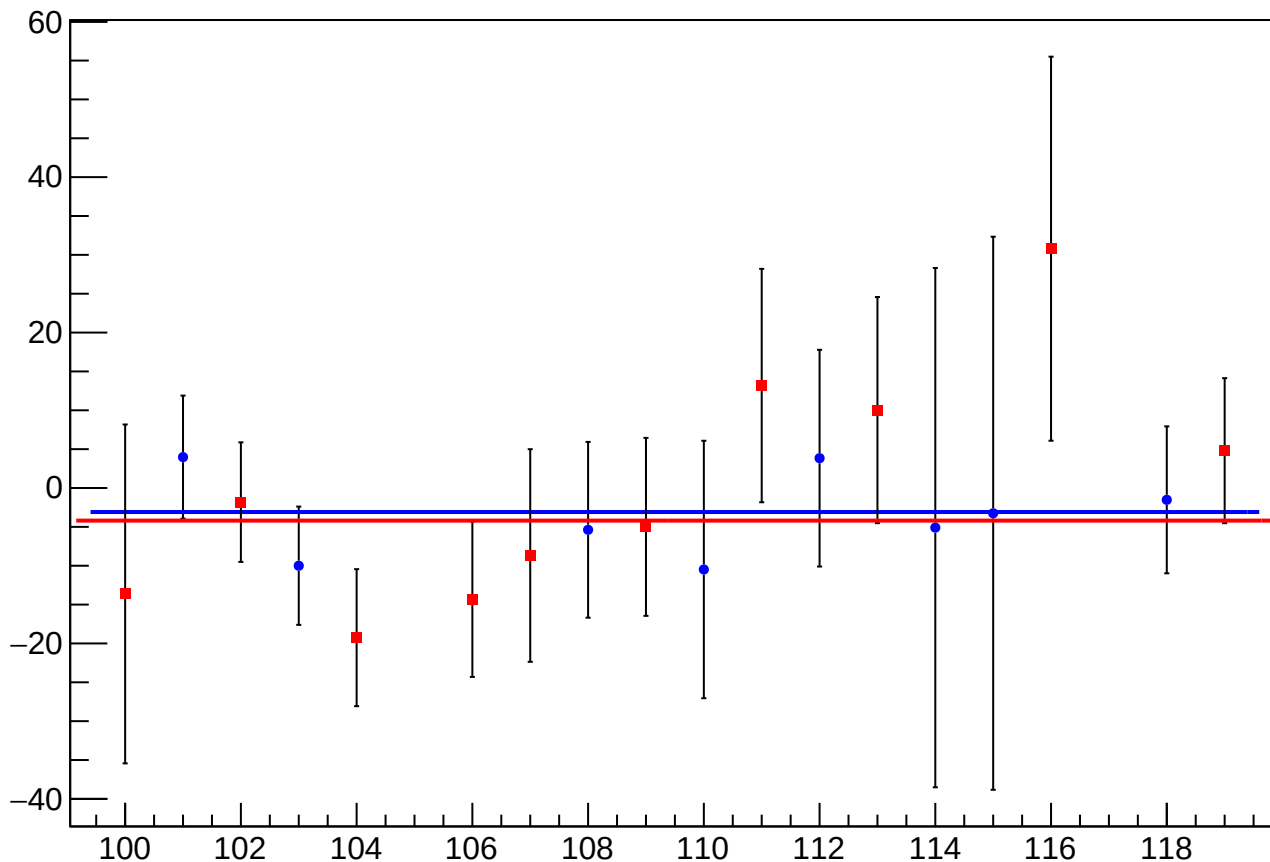
Right: 1285.454+/-0.336 χ^2/NDF : 175941.9/17

In: 1303.238+/-0.510 χ^2/NDF : 89134.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1285.454+/-0.336 χ^2/NDF : 175941.9/17

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.090+/-3.993 χ^2/NDF : 2.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.194+/-3.601 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

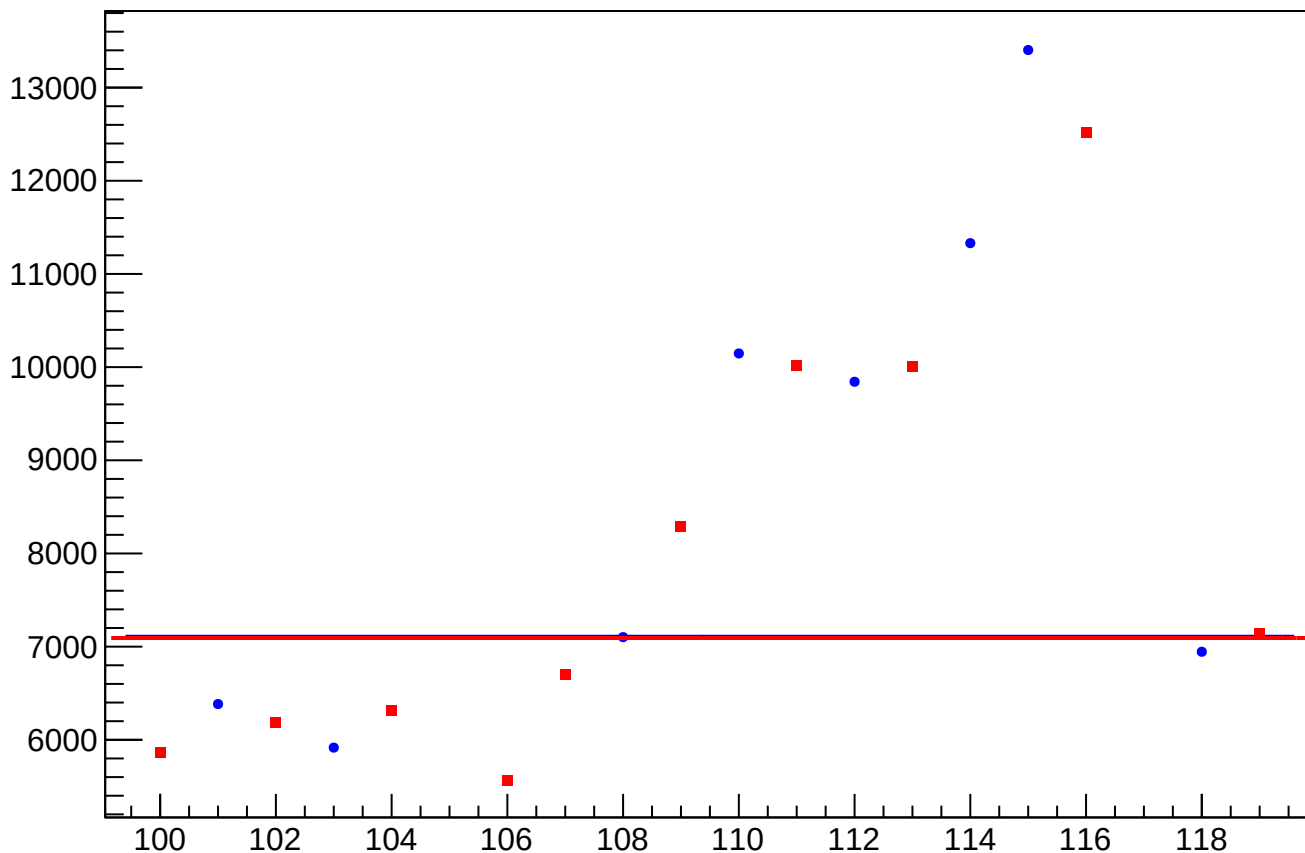
Right: -3.699+/-2.674 χ^2/NDF : 11.8/17

In: -3.090+/-3.993 χ^2/NDF : 2.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.699+/-2.674 χ^2/NDF : 11.8/17

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7106.265+/-2.823 χ^2/NDF : 305200.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7092.574+/-2.546 χ^2/NDF : 372256.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

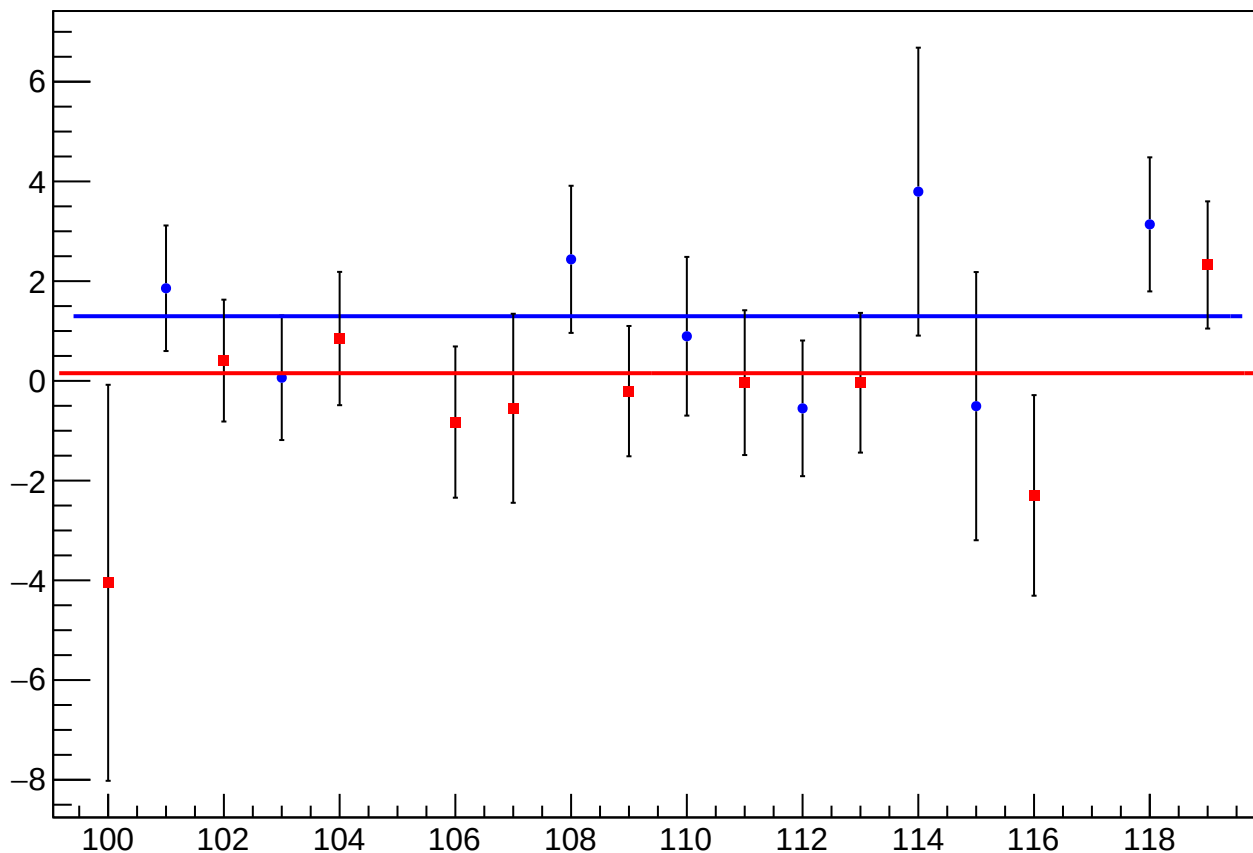
Right: 7098.714+/-1.891 χ^2/NDF : 677470.0/17

In: 7106.265+/-2.823 χ^2/NDF : 305200.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7098.714+/-1.891 χ^2/NDF : 677470.0/17

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 1.297 $\pm$ 0.536 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.154 $\pm$ 0.475 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

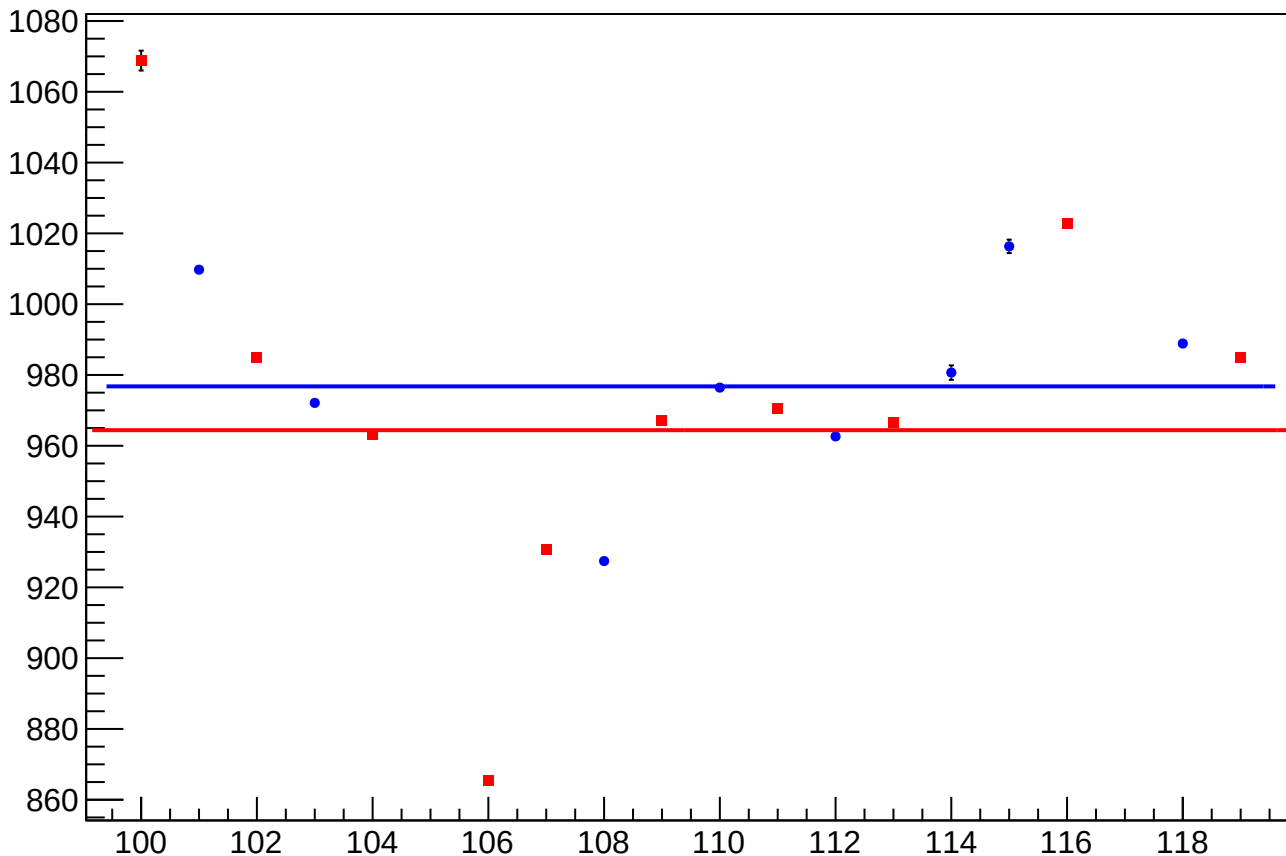
Right: 0.656 $\pm$ 0.355 χ^2 /NDF: 15.8/17

In: 1.297 $\pm$ 0.536 χ^2 /NDF:6.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.656 $\pm$ 0.355 χ^2 /NDF: 15.8/17

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 976.777 $\pm$ 0.379 χ^2 /NDF: 4450.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 964.405 $\pm$ 0.336 χ^2 /NDF: 13327.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

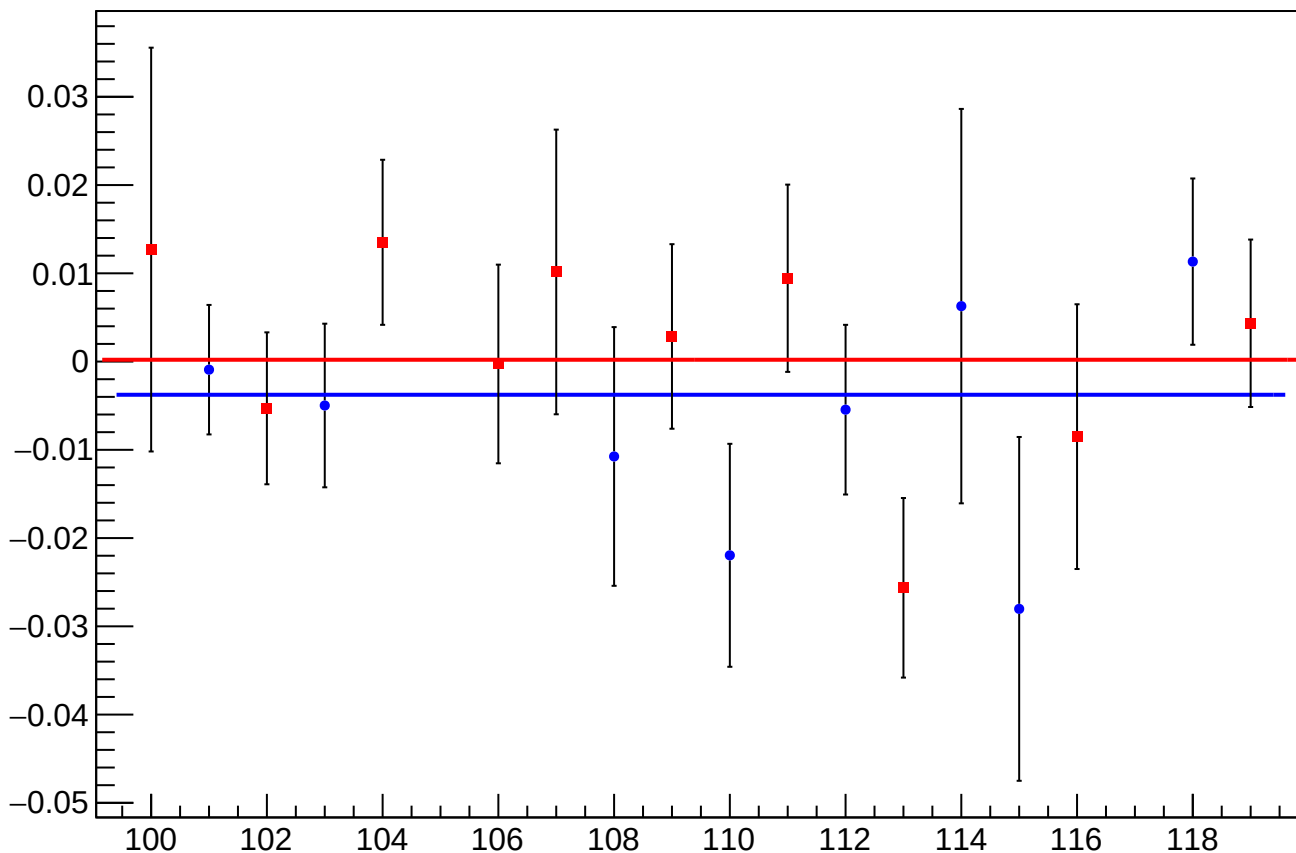
Right: 969.841 $\pm$ 0.251 χ^2 /NDF: 18375.0/17

In: 976.777 $\pm$ 0.379 χ^2 /NDF:4450.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 969.841 $\pm$ 0.251 χ^2 /NDF: 18375.0/17

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.004 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.003 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

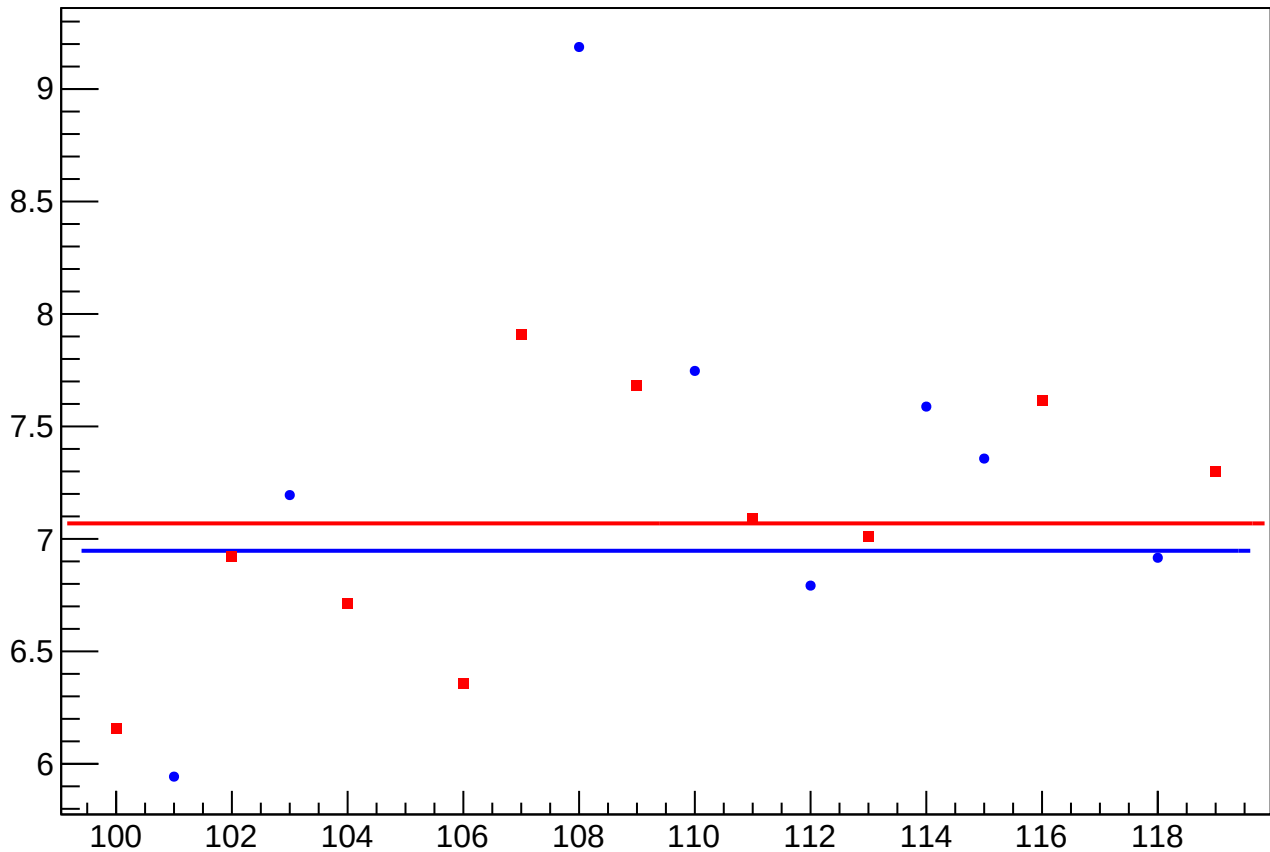
Right: -0.002 $\pm$ 0.003 χ^2 /NDF: 18.3/17

In: -0.004 $\pm$ 0.004 χ^2 /NDF:6.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.003 χ^2 /NDF: 18.3/17

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 6.947 ± 0.003 $\chi^2/\text{NDF}: 96675.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7.069 ± 0.002 $\chi^2/\text{NDF}: 30871.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

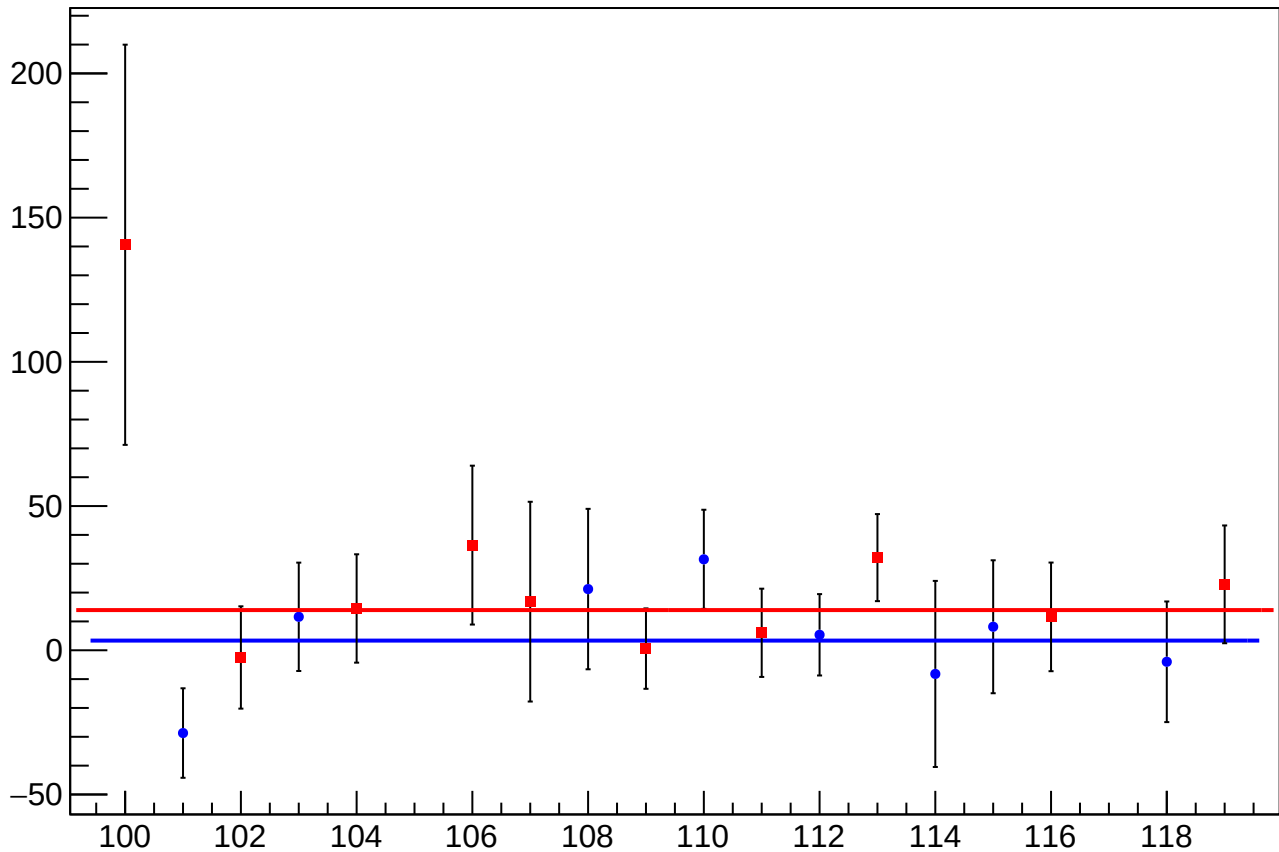
Right: 7.014 ± 0.002 $\chi^2/\text{NDF}: 128645.5/17$

In: 6.947 ± 0.003 $\chi^2/\text{NDF}: 96675.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.014 ± 0.002 $\chi^2/\text{NDF}: 128645.5/17$

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: 3.355 $\pm$ 6.769 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.934 $\pm$ 6.041 χ^2 /NDF: 7.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

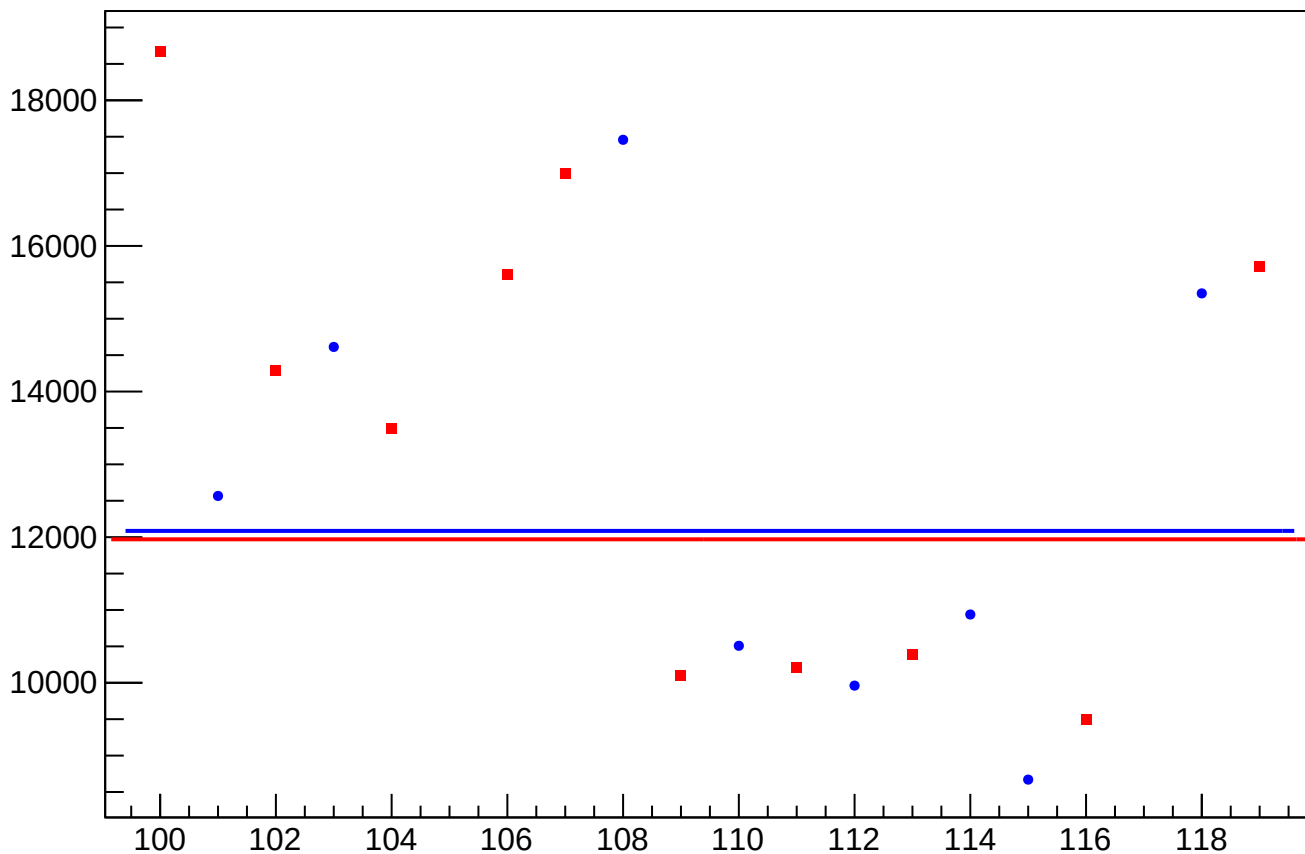
Right: 9.244 $\pm$ 4.507 χ^2 /NDF: 16.9/17

In: 3.355 $\pm$ 6.769 χ^2 /NDF:7.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.244 $\pm$ 4.507 χ^2 /NDF: 16.9/17

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 12086.115+/-4.787 χ^2/NDF : 270087.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11970.494+/-4.272 χ^2/NDF : 328728.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

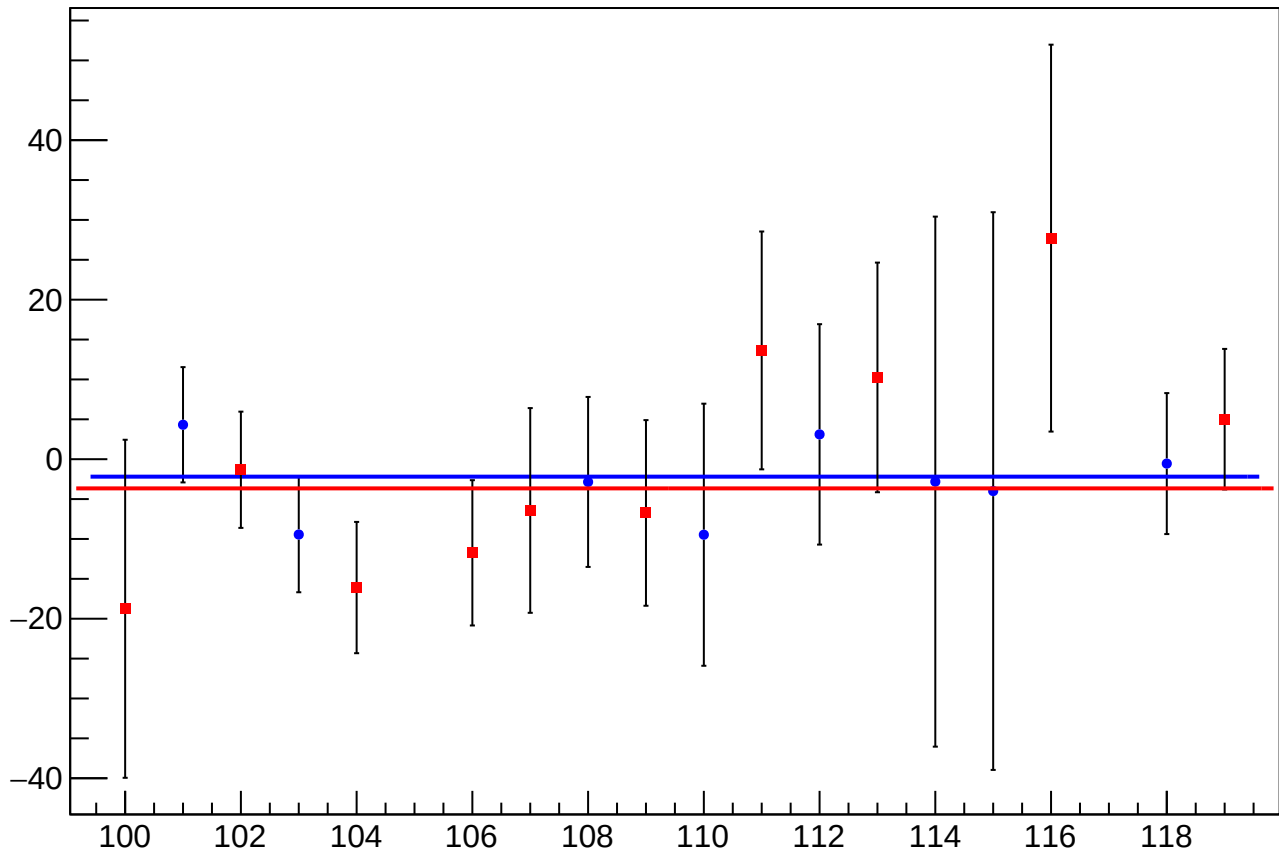
Right: 12021.755+/-3.187 χ^2/NDF : 599141.3/17

In: 12086.115+/-4.787 χ^2/NDF : 270087.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12021.755+/-3.187 χ^2/NDF : 599141.3/17

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -2.189+/-3.766 χ^2/NDF : 2.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.660+/-3.425 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

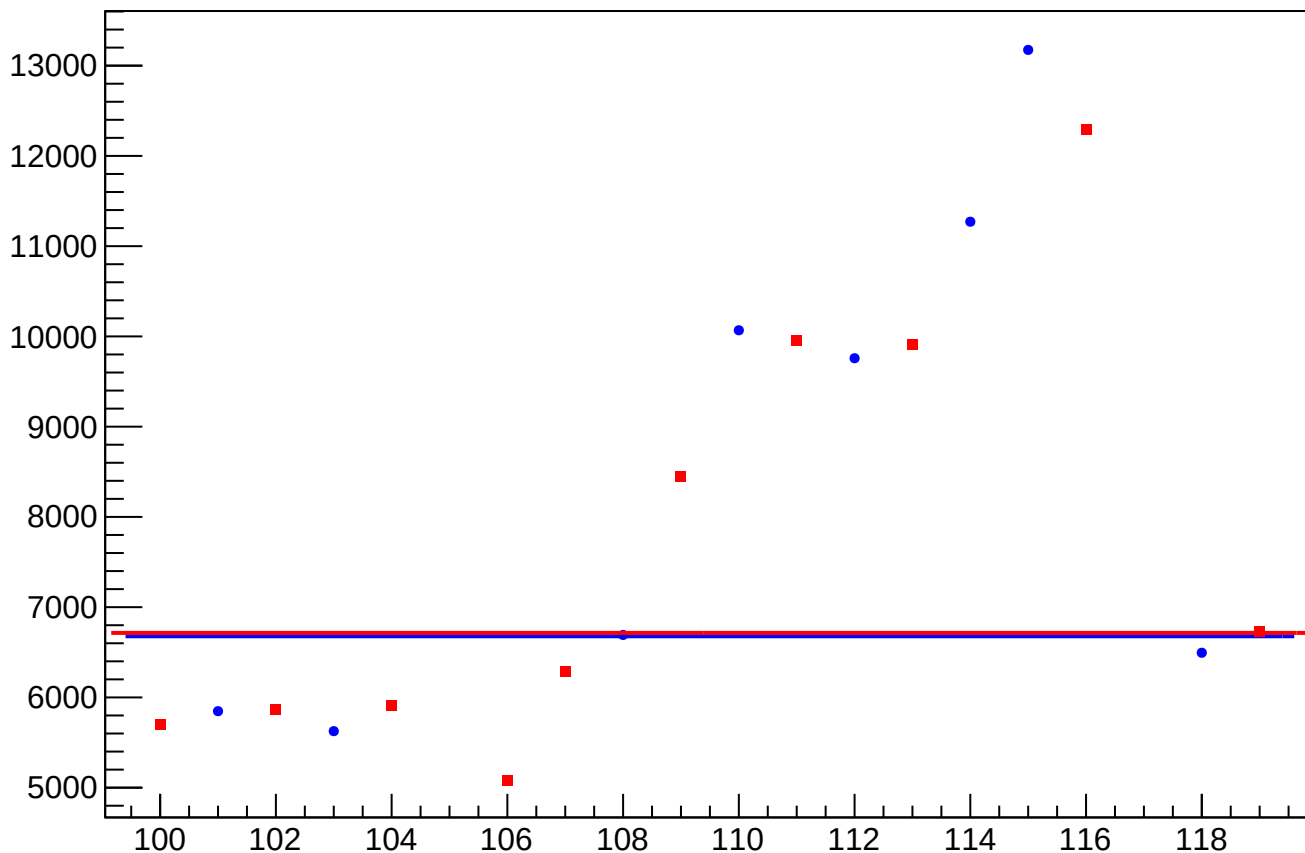
Right: -2.994+/-2.534 χ^2/NDF : 11.0/17

In: -2.189+/-3.766 χ^2/NDF : 2.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.994+/-2.534 χ^2/NDF : 11.0/17

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6677.709+/-2.663 χ^2/NDF : 361297.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6714.930+/-2.422 χ^2/NDF : 460235.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

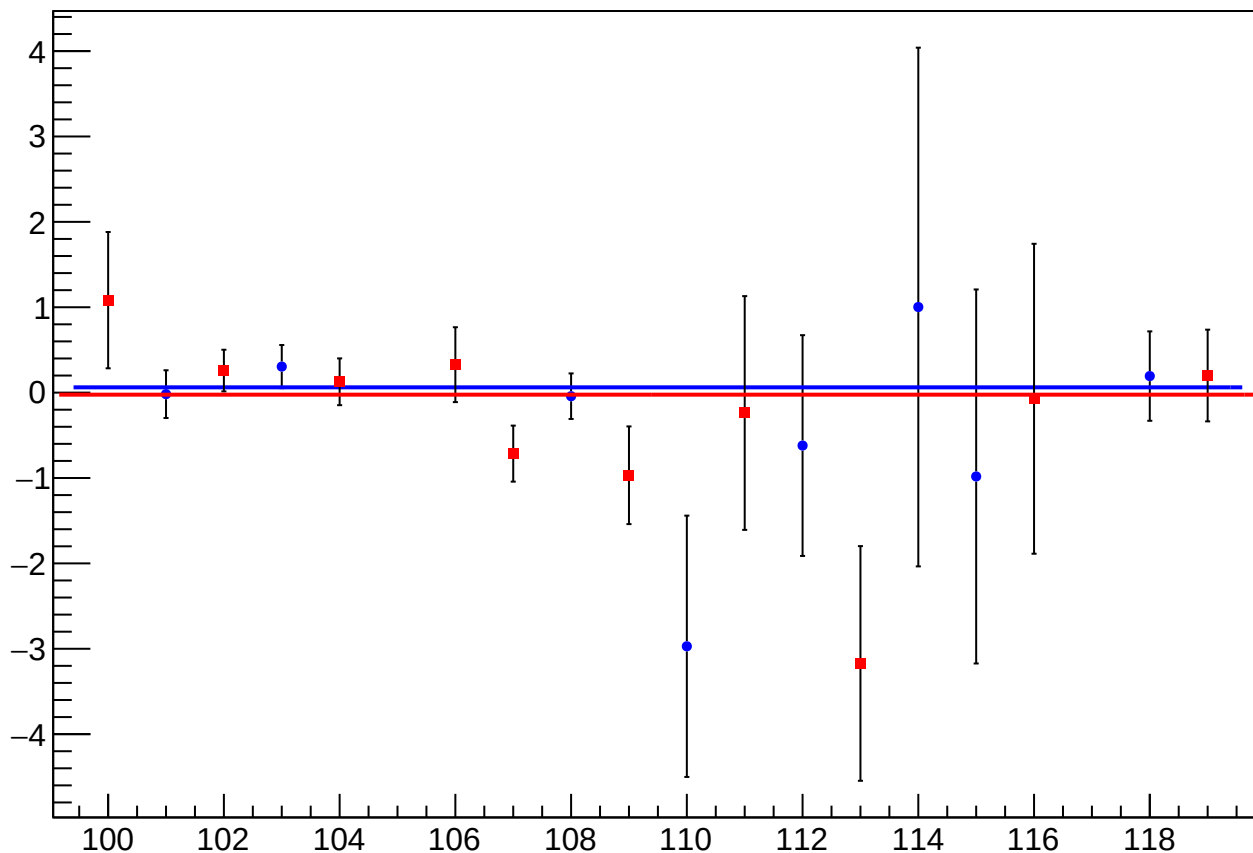
Right: 6698.081+/-1.792 χ^2/NDF : 821640.2/17

In: 6677.709+/-2.663 χ^2/NDF : 361297.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6698.081+/-1.792 χ^2/NDF : 821640.2/17

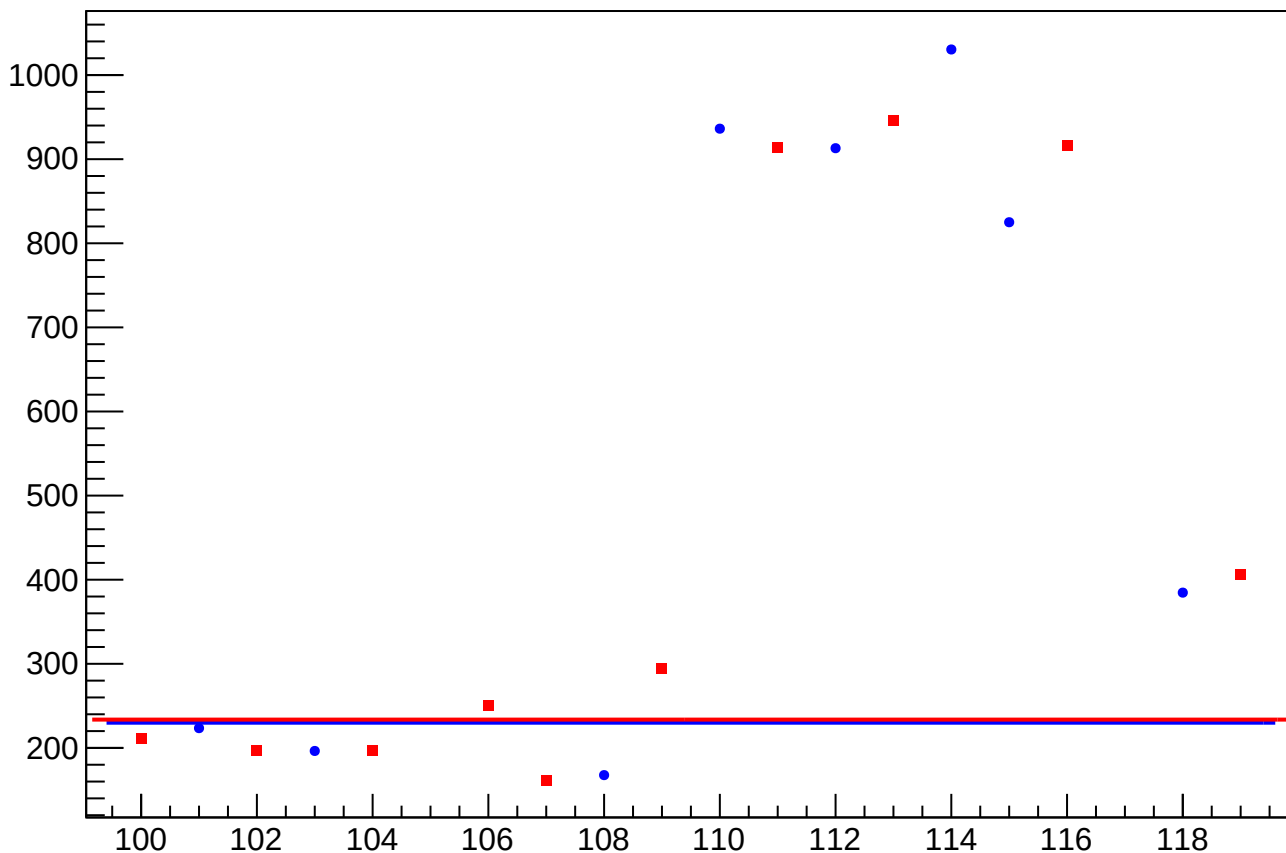
diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.062 $\pm$ 0.145 χ^2 /NDF: 5.8/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.024 $\pm$ 0.136 χ^2 /NDF: 16.8/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.016 $\pm$ 0.099 χ^2 /NDF: 22.7/17
 In: 0.062 $\pm$ 0.145 χ^2 /NDF:5.8/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.016 $\pm$ 0.099 χ^2 /NDF: 22.7/17

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 229.982+/-0.103 χ^2/NDF : 1591017.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.662+/-0.096 χ^2/NDF : 1729365.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

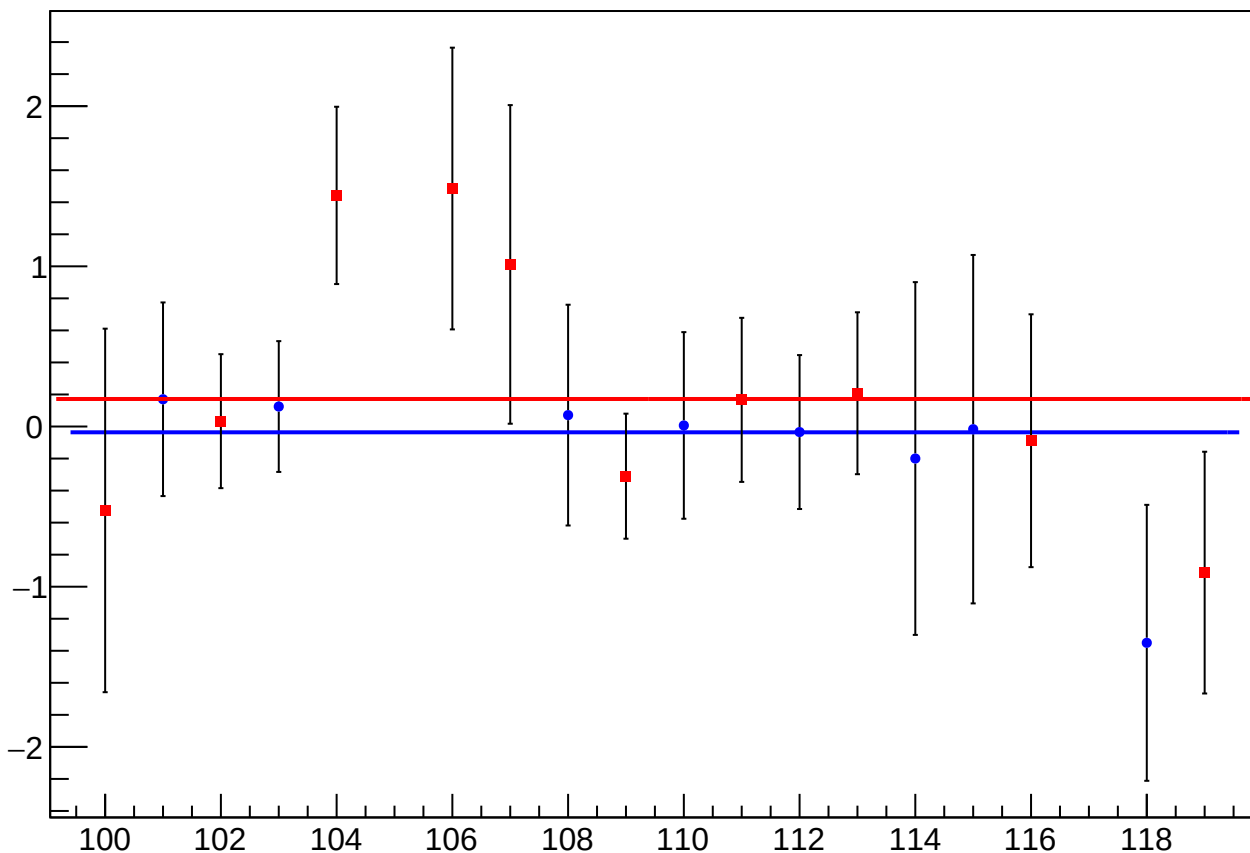
Right: 231.941+/-0.070 χ^2/NDF : 3321067.8/17

In: 229.982+/-0.103 χ^2/NDF : 1591017.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.941+/-0.070 χ^2/NDF : 3321067.8/17

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.036+/-0.217 χ^2/NDF : 2.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.172+/-0.183 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

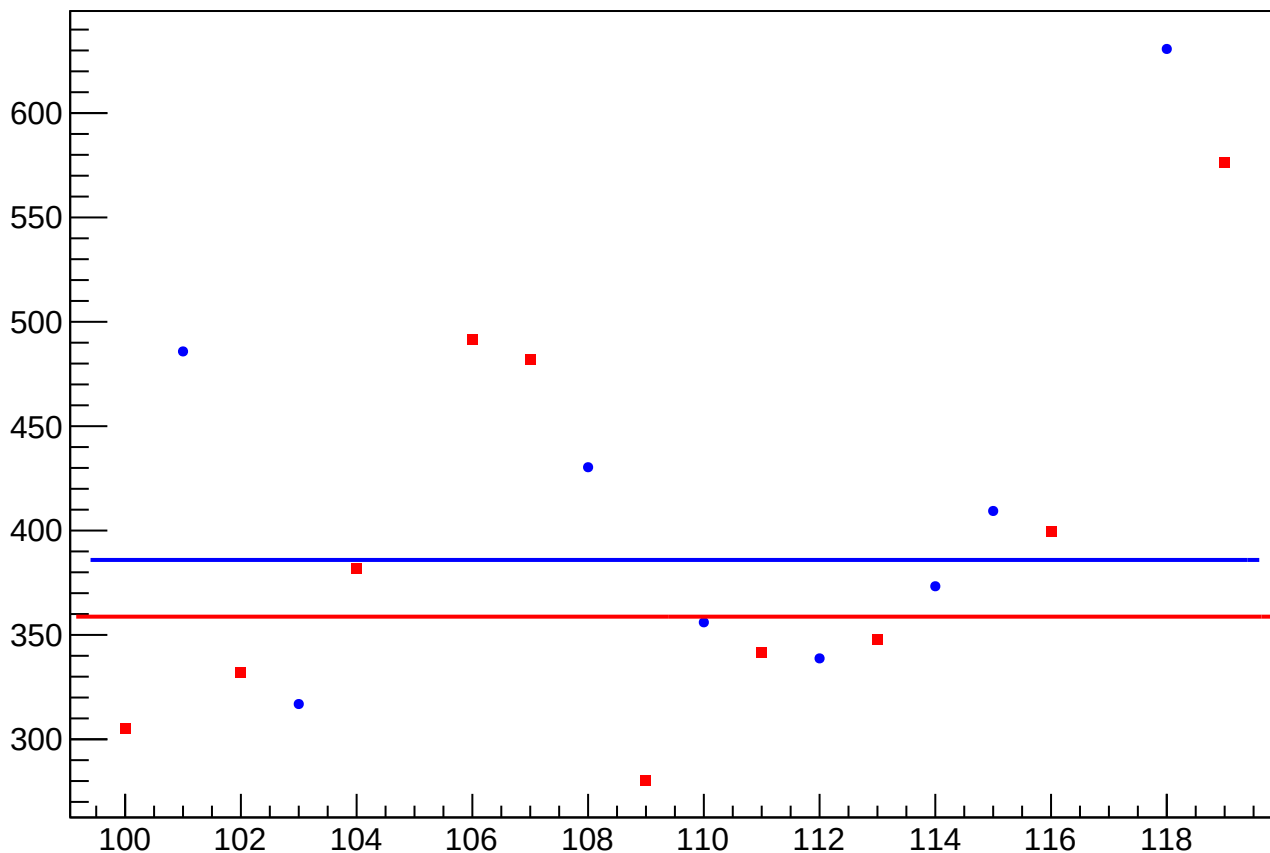
Right: 0.085+/-0.140 χ^2/NDF : 15.6/17

In: -0.036+/-0.217 χ^2/NDF :2.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.085+/-0.140 χ^2/NDF : 15.6/17

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 385.919+/-0.154 χ^2/NDF : 307395.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 358.750+/-0.130 χ^2/NDF : 347479.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

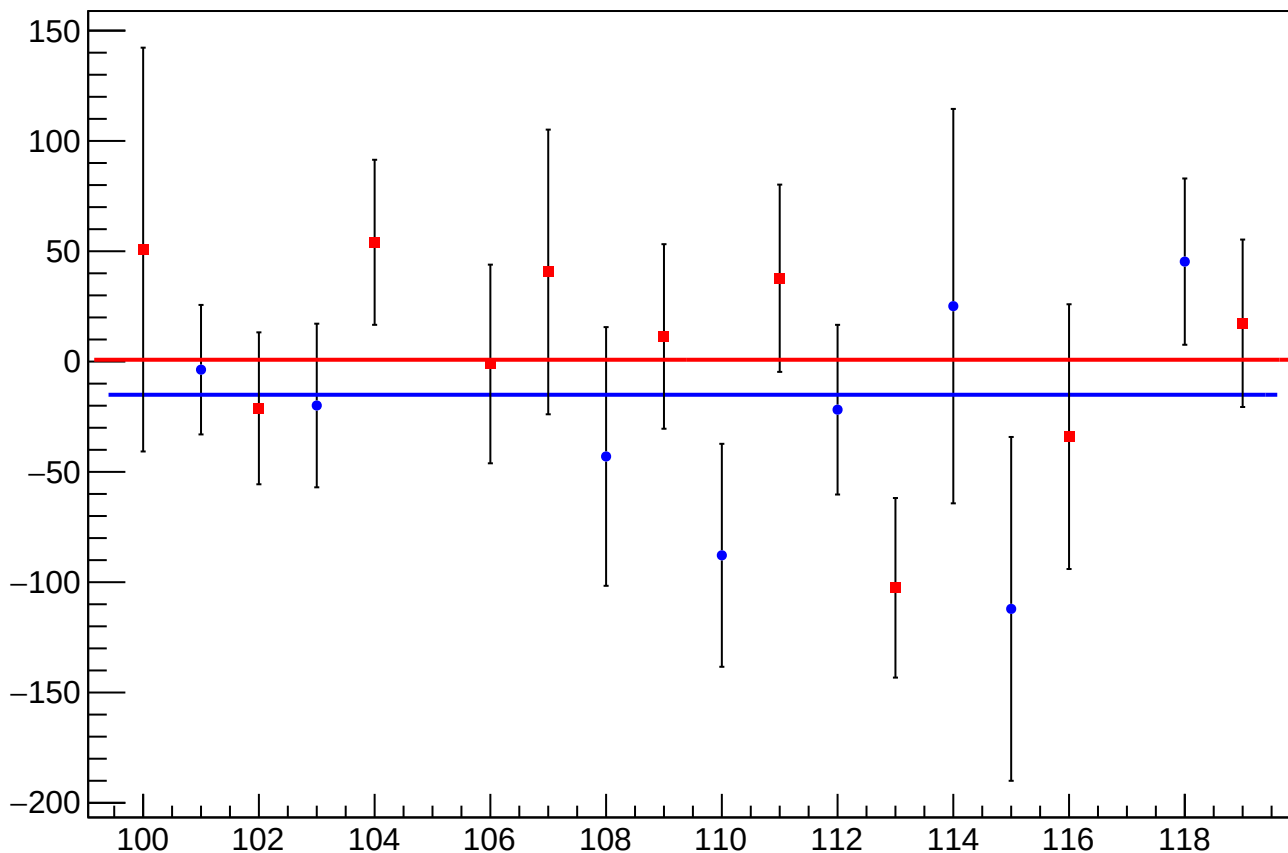
Right: 370.043+/-0.099 χ^2/NDF : 673112.4/17

In: 385.919+/-0.154 χ^2/NDF :307395.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 370.043+/-0.099 χ^2/NDF : 673112.4/17

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -15.046 $\pm$ 15.355 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.822 $\pm$ 13.983 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

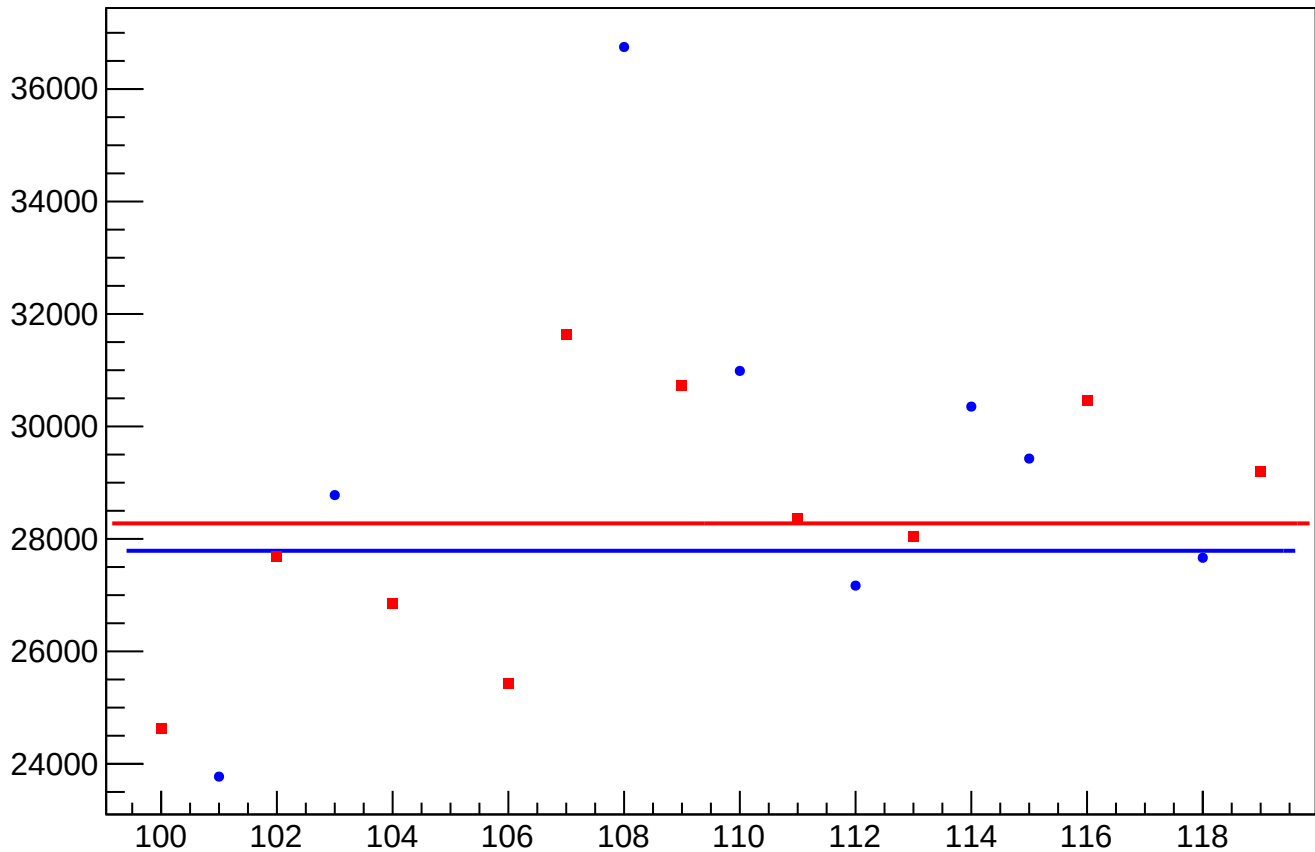
Right: -6.372 $\pm$ 10.339 χ^2 /NDF: 18.3/17

In: -15.046 $\pm$ 15.355 χ^2 /NDF:6.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.372 $\pm$ 10.339 χ^2 /NDF: 18.3/17

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

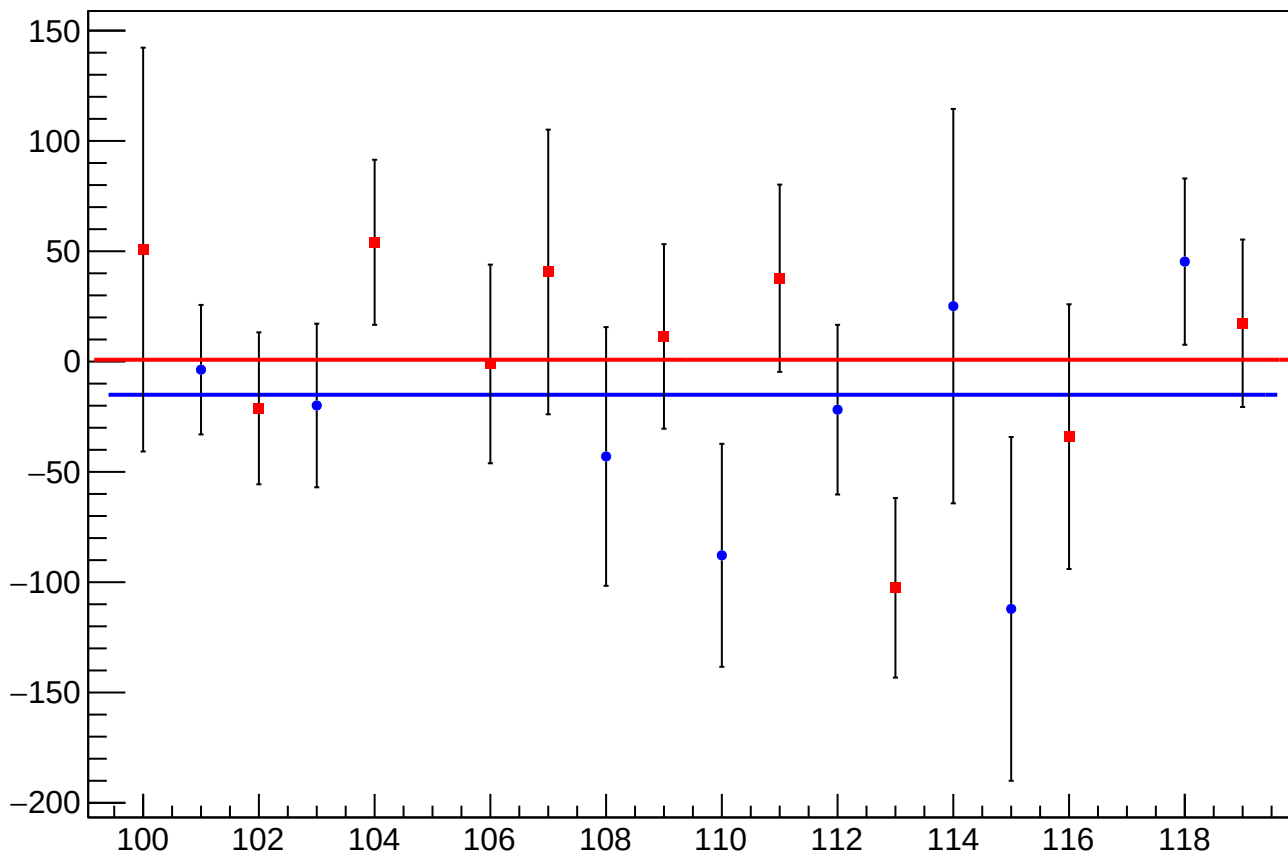
Right: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -15.046 ± 15.355 χ^2/NDF : 6.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.822 ± 13.983 χ^2/NDF : 10.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

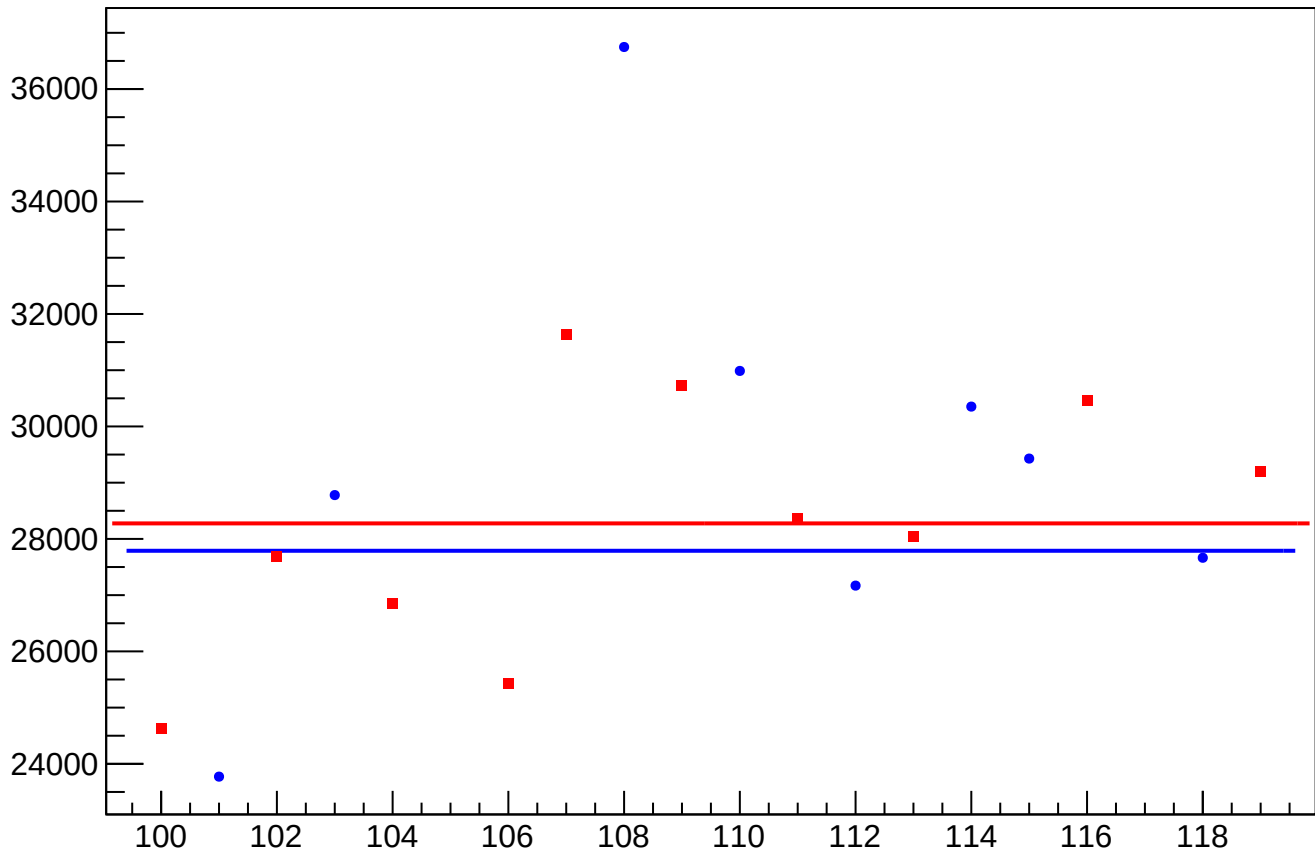
Right: -6.372 ± 10.339 χ^2/NDF : 18.3/17

In: -15.046 ± 15.355 χ^2/NDF : 6.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.372 ± 10.339 χ^2/NDF : 18.3/17

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

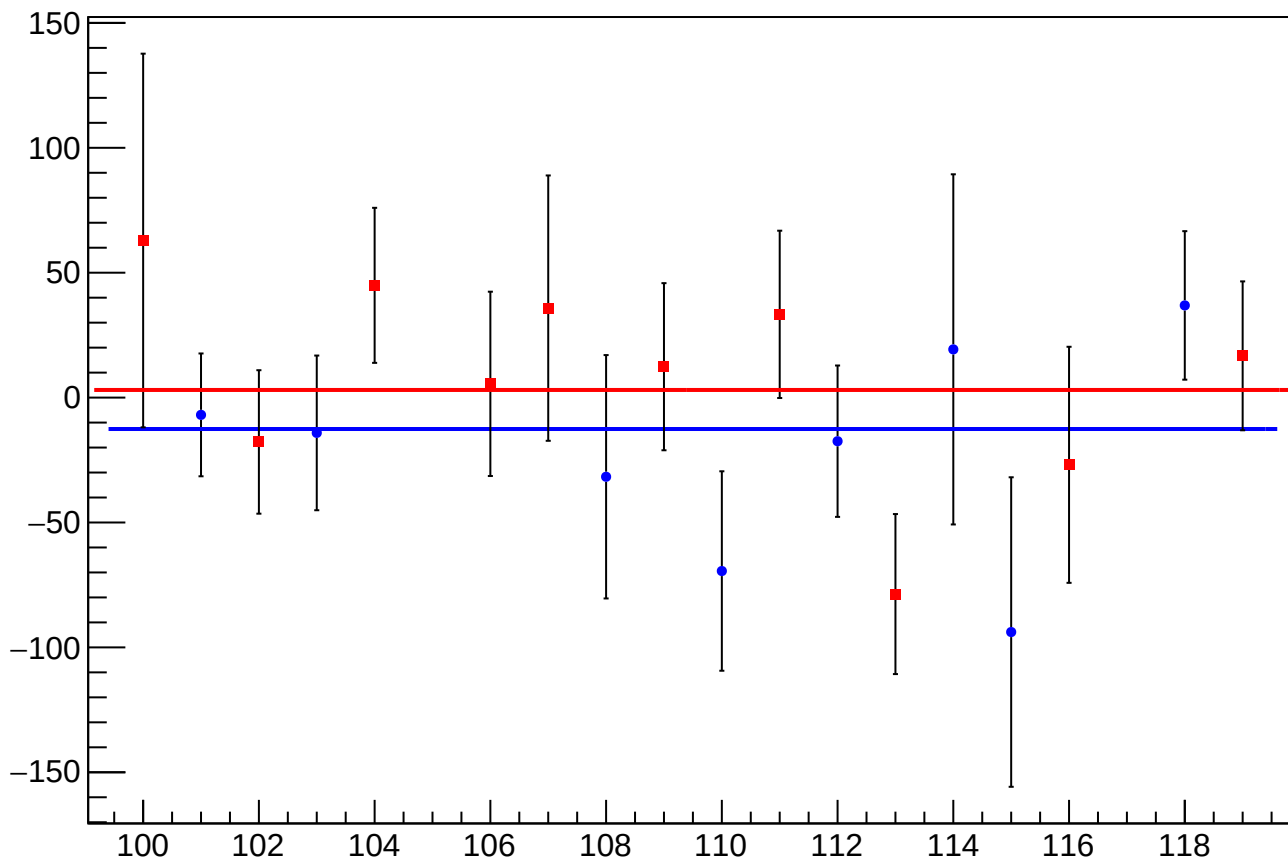
Right: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -12.574 $\pm$ 12.470 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.057 $\pm$ 11.285 χ^2 /NDF: 11.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

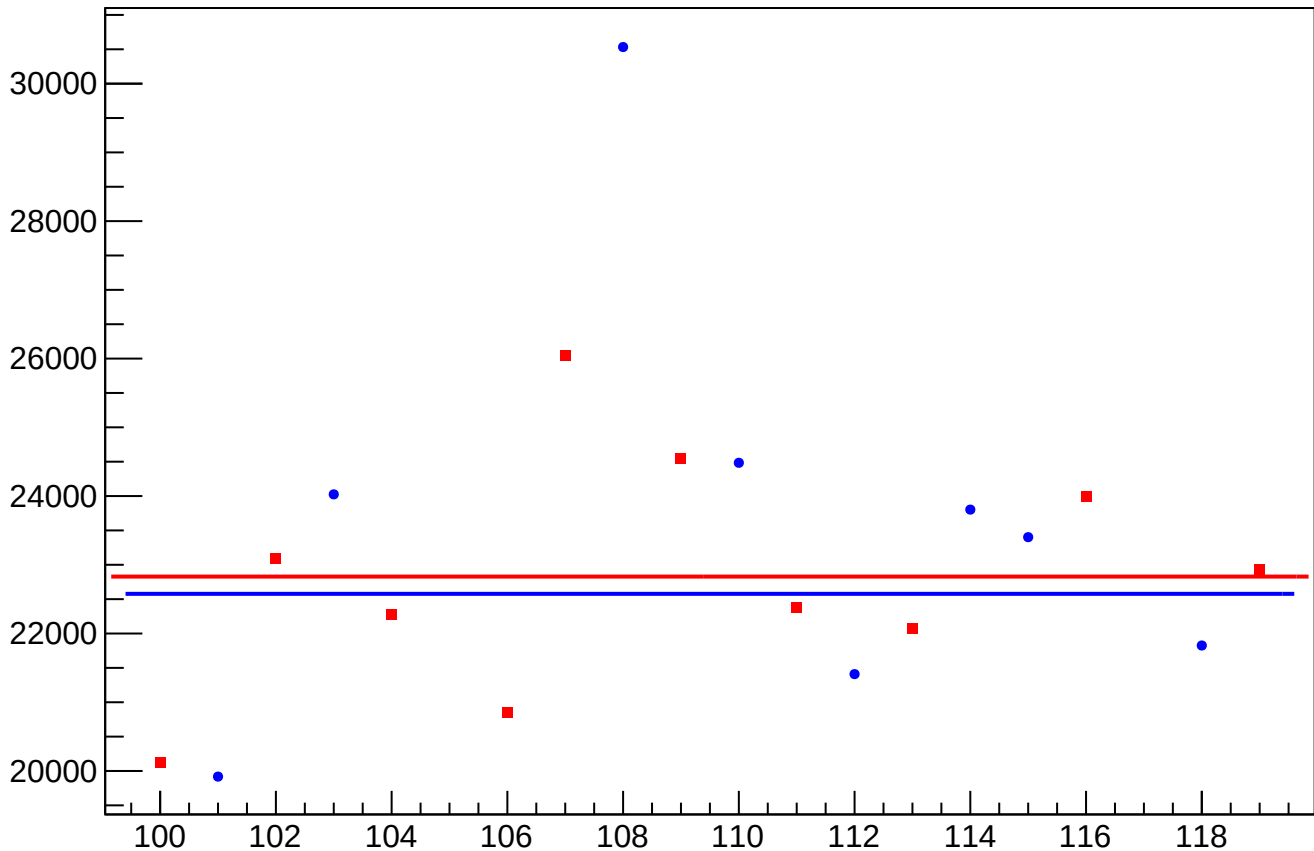
Right: -3.981 $\pm$ 8.367 χ^2 /NDF: 19.2/17

In: -12.574 $\pm$ 12.470 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.981 $\pm$ 8.367 χ^2 /NDF: 19.2/17

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 22577.224+/-8.817 χ^2/NDF : 90876.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22828.254+/-7.980 χ^2/NDF : 24483.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

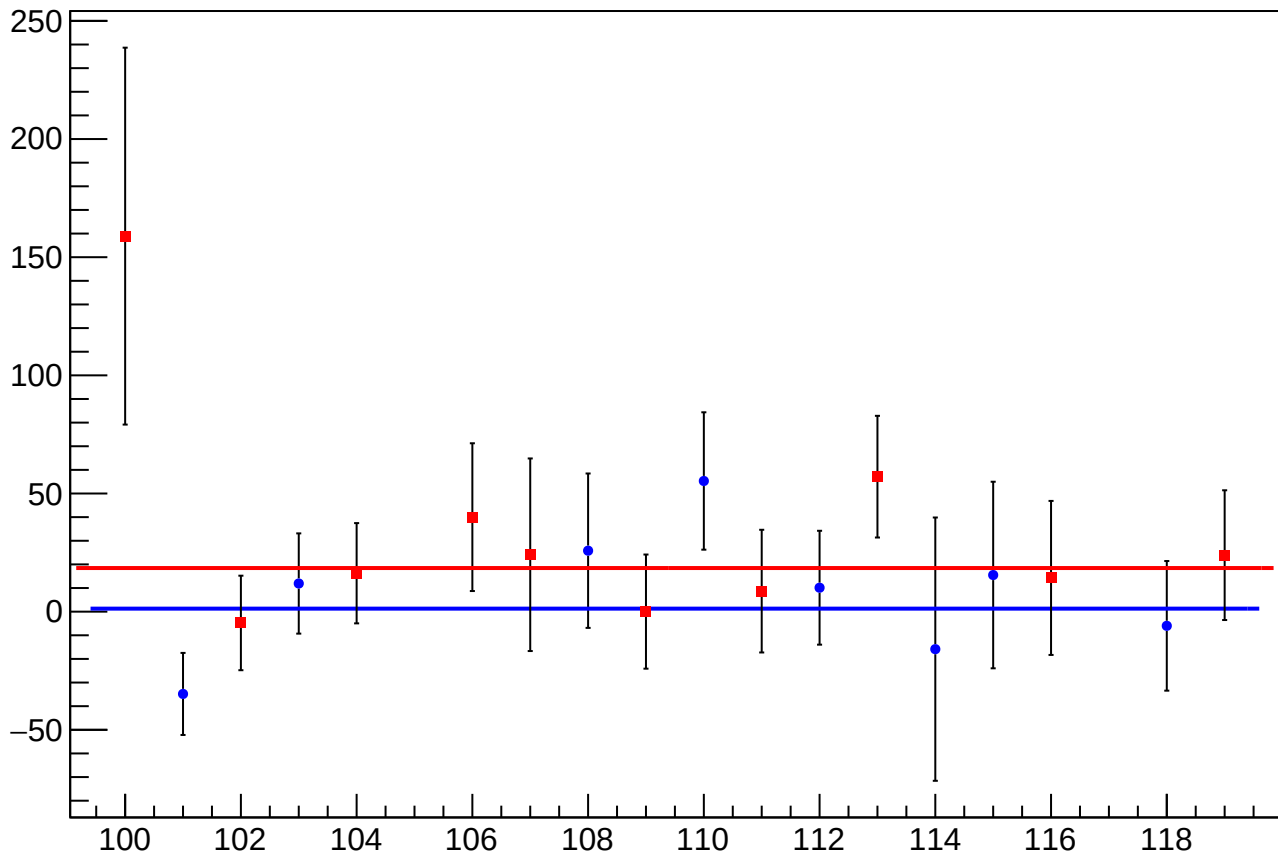
Right: 22715.226+/-5.917 χ^2/NDF : 115805.6/17

In: 22577.224+/-8.817 χ^2/NDF : 90876.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22715.226+/-5.917 χ^2/NDF : 115805.6/17

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: 1.277+/-9.254 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.460+/-8.613 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

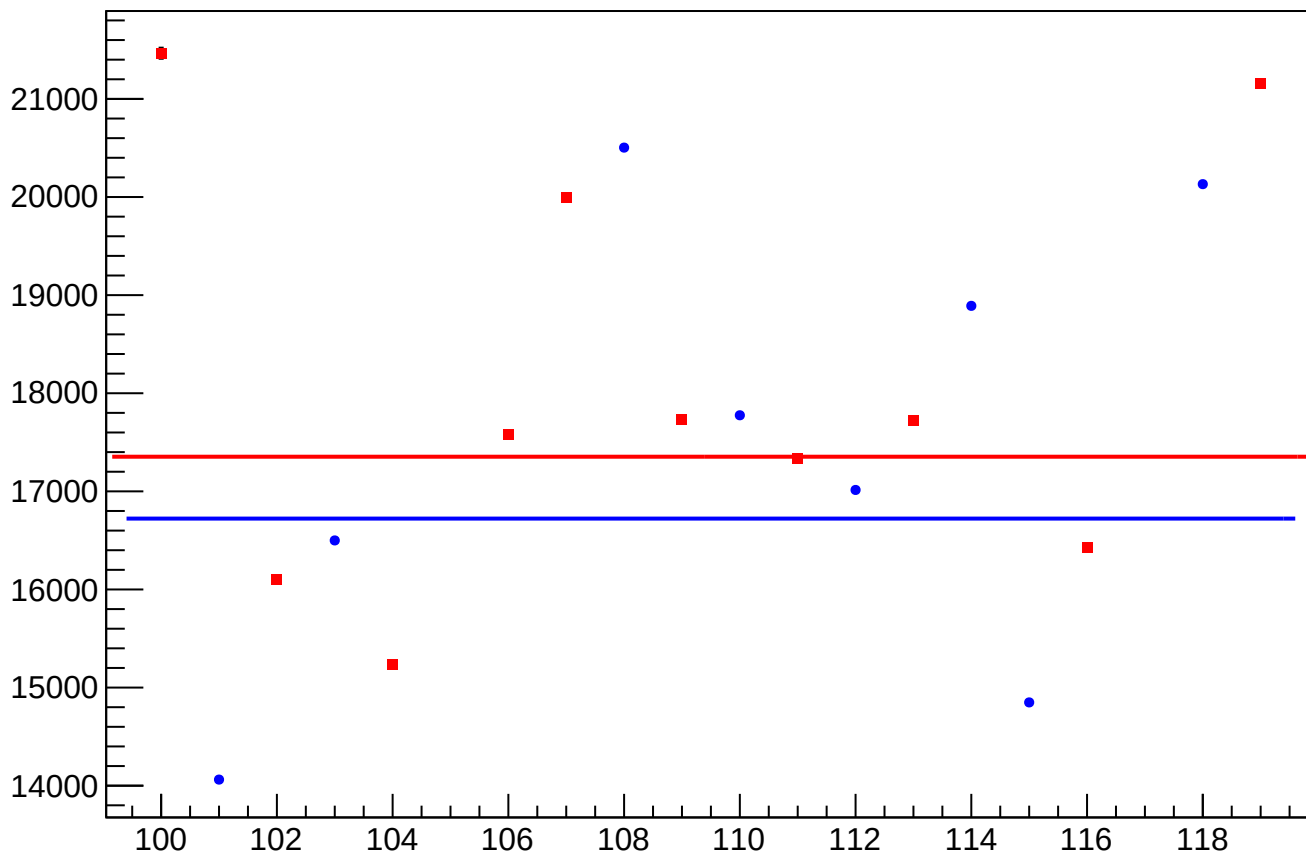
Right: 10.485+/-6.305 χ^2/NDF : 18.9/17

In: 1.277+/-9.254 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.485+/-6.305 χ^2/NDF : 18.9/17

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16722.423+/-6.544 χ^2/NDF : 115315.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17353.101+/-6.090 χ^2/NDF : 82479.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

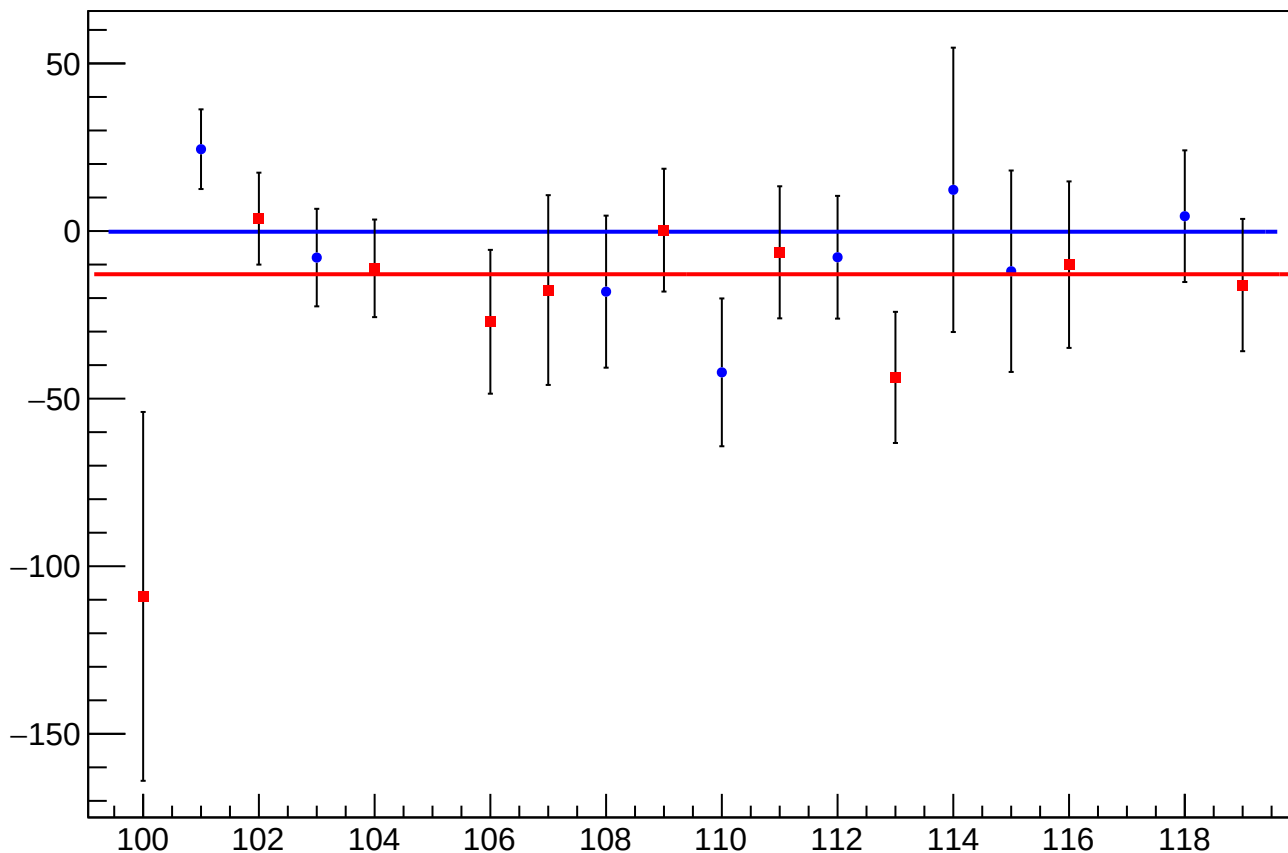
Right: 17060.373+/-4.458 χ^2/NDF : 202772.6/17

In: 16722.423+/-6.544 χ^2/NDF : 115315.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17060.373+/-4.458 χ^2/NDF : 202772.6/17

diff_bpm4aediffX_mean vs Slug, Sign Corrected



Right In: -0.204+/-6.588 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -12.887+/-6.185 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

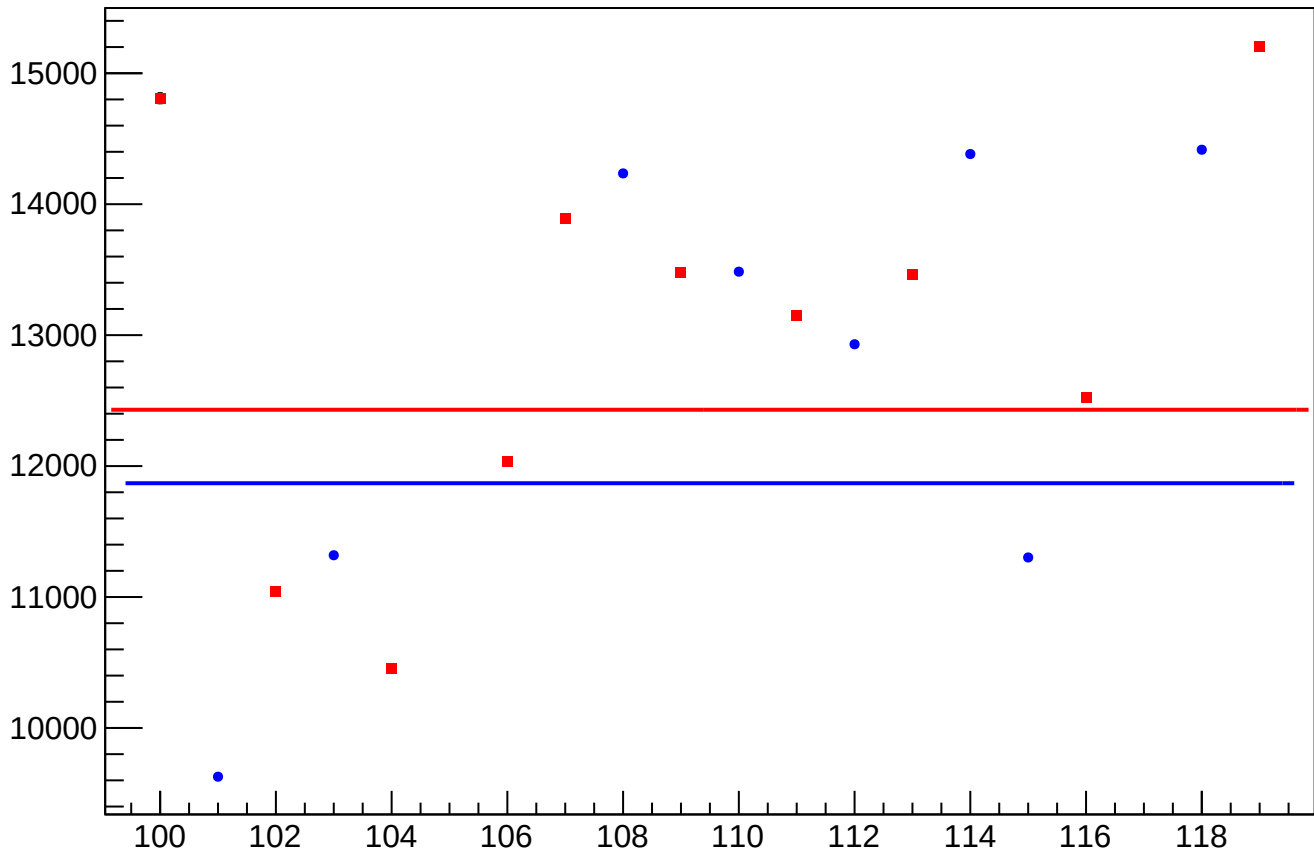
Right: -6.946+/-4.509 χ^2/NDF : 19.4/17

In: -0.204+/-6.588 χ^2/NDF :9.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.946+/-4.509 χ^2/NDF : 19.4/17

diff_bpm4aediiffX_rms vs Slug, Sign Corrected



Right In: 11869.072+/-4.659 χ^2/NDF : 154534.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12430.172+/-4.373 χ^2/NDF : 121386.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

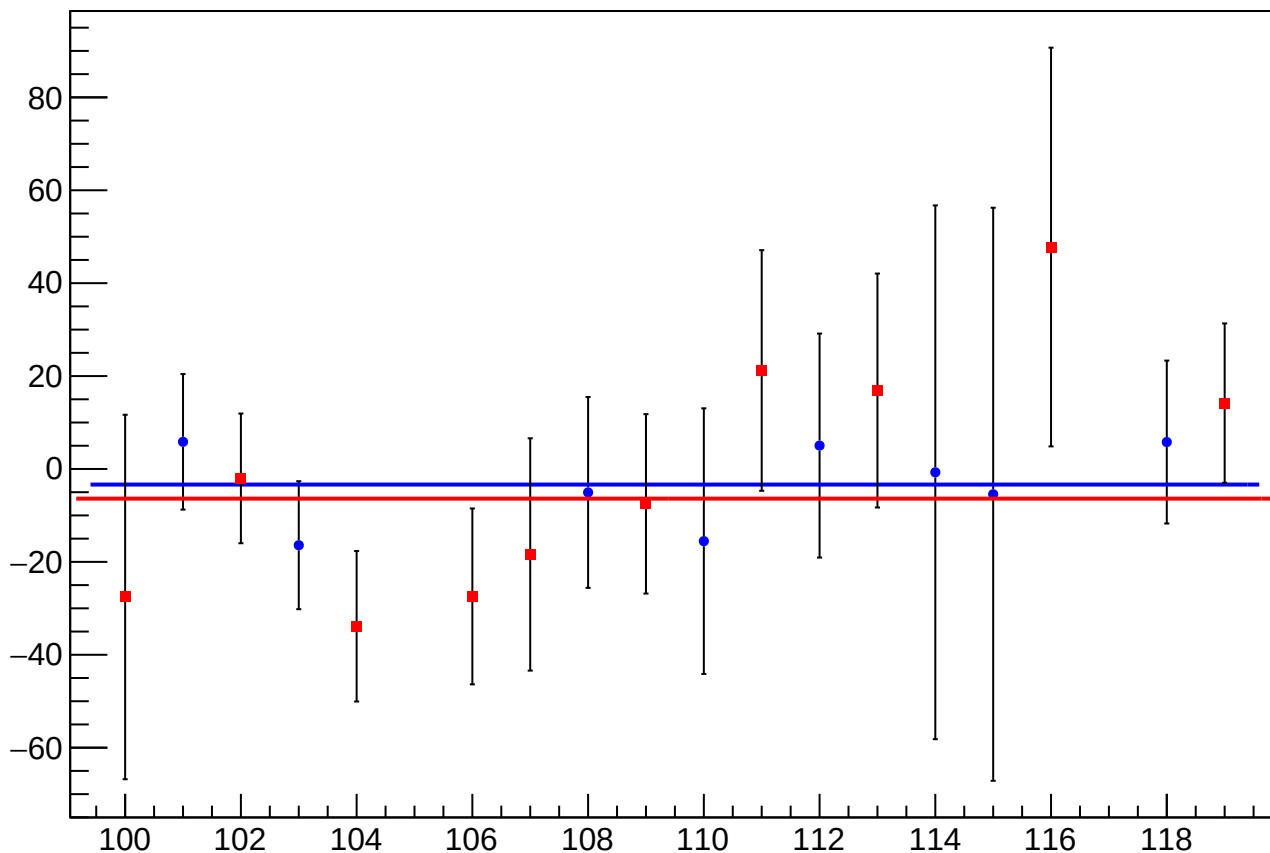
Right: 12167.341+/-3.188 χ^2/NDF : 283632.3/17

In: 11869.072+/-4.659 χ^2/NDF : 154534.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12167.341+/-3.188 χ^2/NDF : 283632.3/17

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -3.356+/-7.236 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.385+/-6.499 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

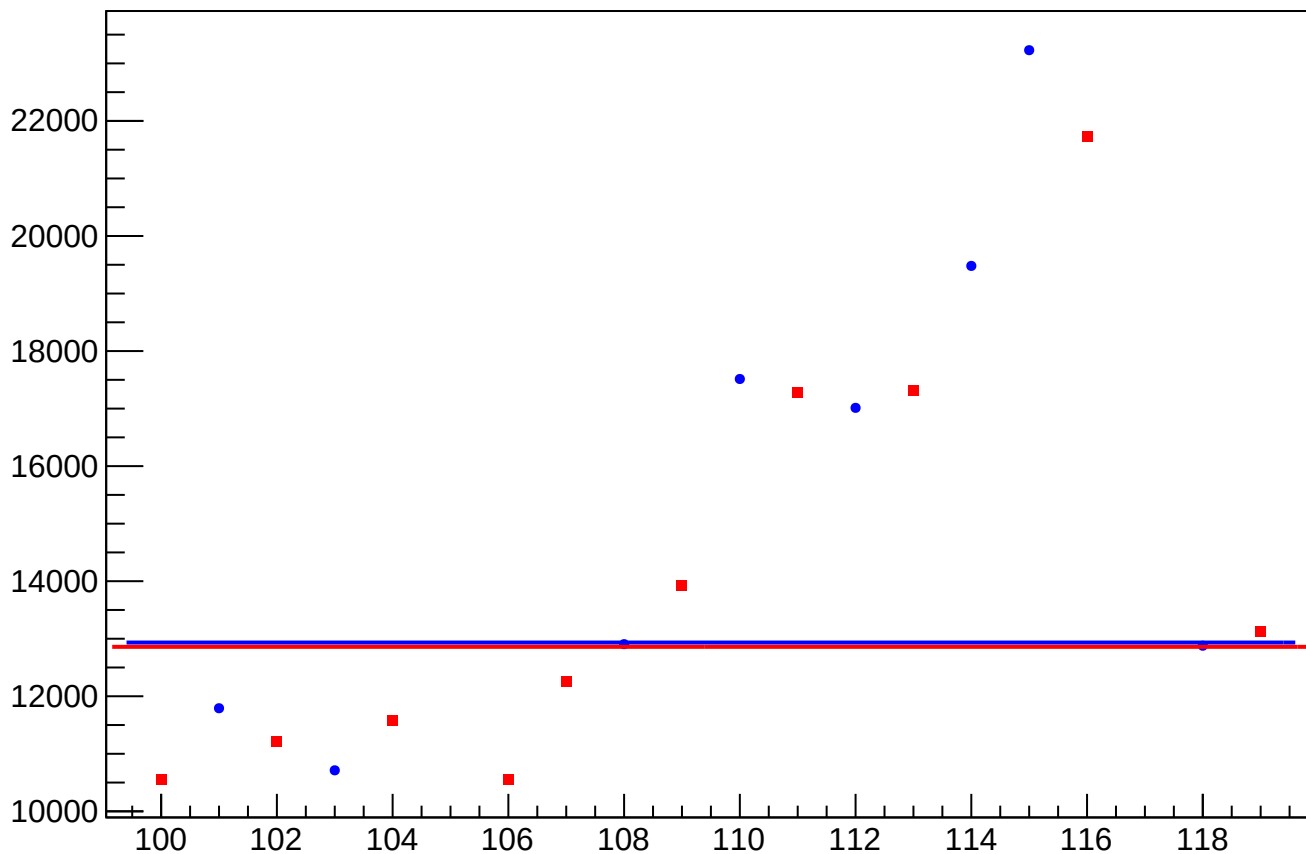
Right: -5.032+/-4.835 χ^2/NDF : 11.7/17

In: -3.356+/-7.236 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.032+/-4.835 χ^2/NDF : 11.7/17

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 12933.708+/-5.117 χ^2/NDF : 254534.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12859.024+/-4.596 χ^2/NDF : 291117.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

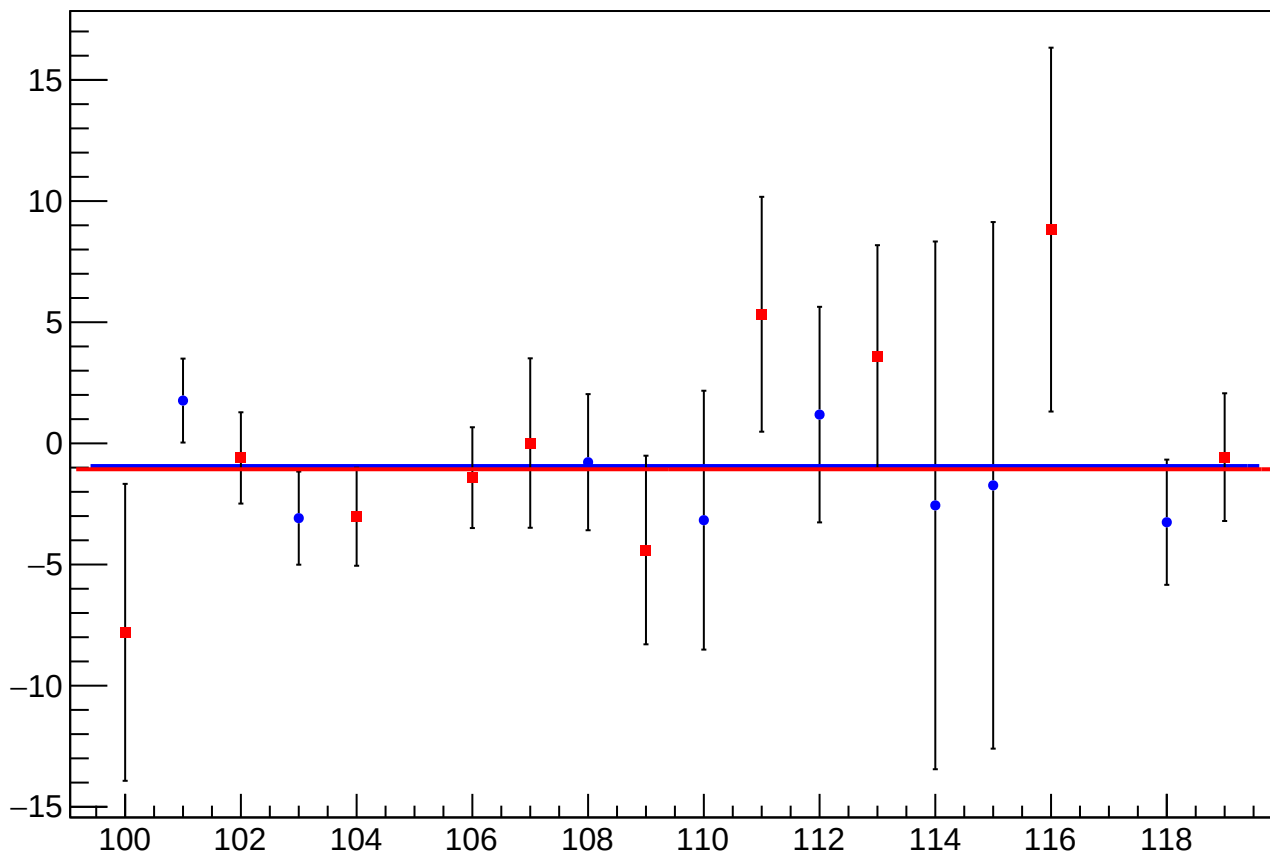
Right: 12892.369+/-3.419 χ^2/NDF : 545769.2/17

In: 12933.708+/-5.117 χ^2/NDF : 254534.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12892.369+/-3.419 χ^2/NDF : 545769.2/17

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -0.936+/-1.009 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.068+/-0.919 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

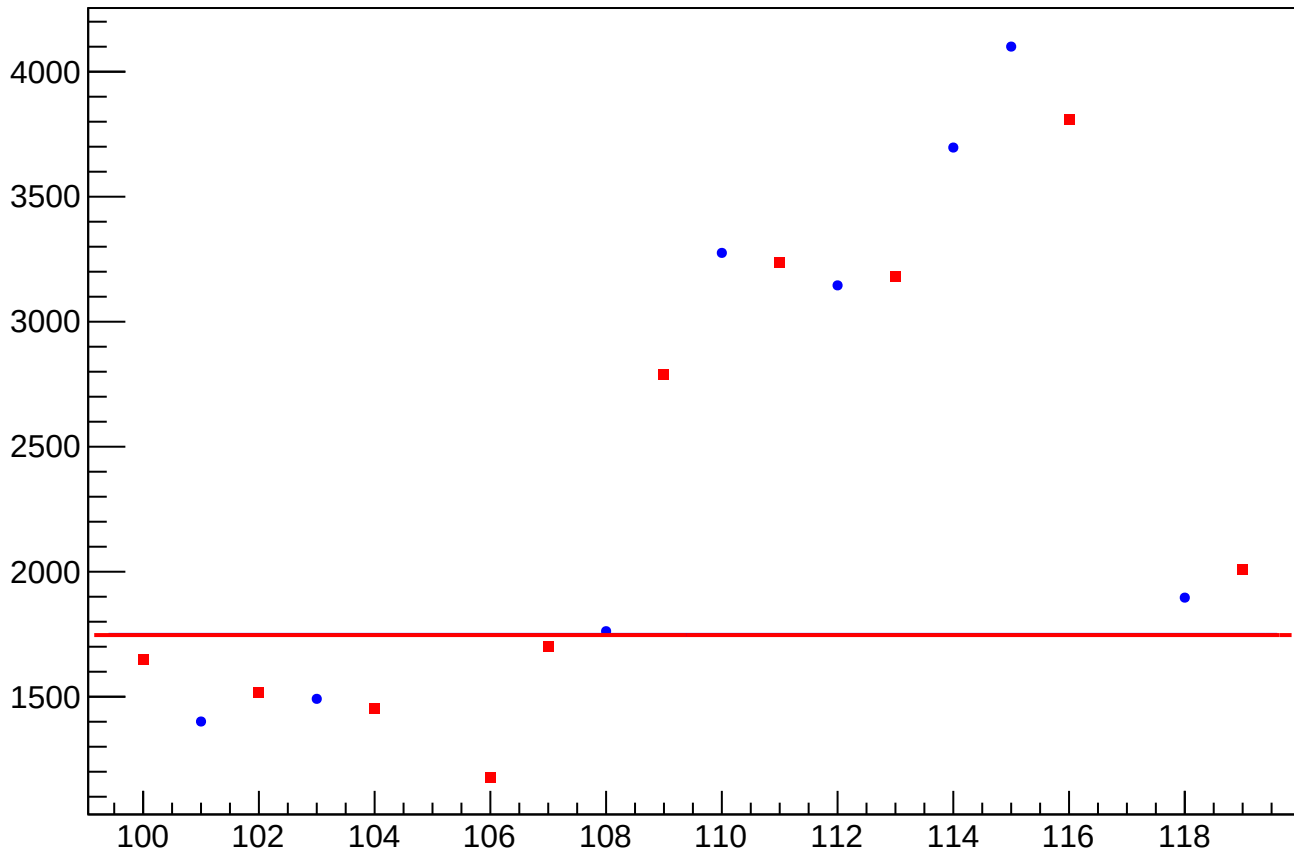
Right: -1.008+/-0.679 χ^2/NDF : 12.5/17

In: -0.936+/-1.009 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.008+/-0.679 χ^2/NDF : 12.5/17

diff_bpm4aediY_rms vs Slug, Sign Corrected



Right In: 1747.317+/-0.713 χ^2/NDF : 641171.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1746.621+/-0.650 χ^2/NDF : 919449.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

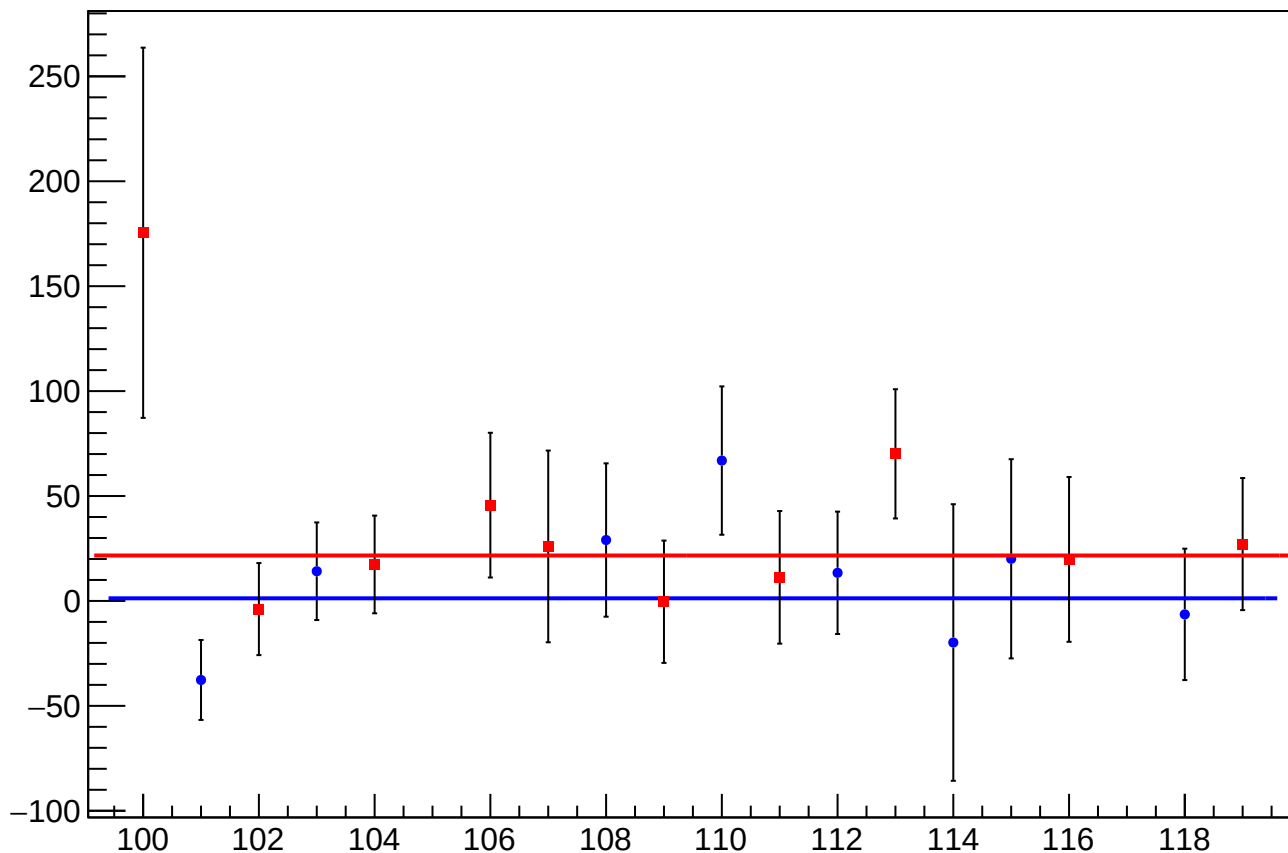
Right: 1746.937+/-0.480 χ^2/NDF : 1560621.4/17

In: 1747.317+/-0.713 χ^2/NDF : 641171.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.937+/-0.480 χ^2/NDF : 1560621.4/17

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: 1.251+/-10.527 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.661+/-9.871 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

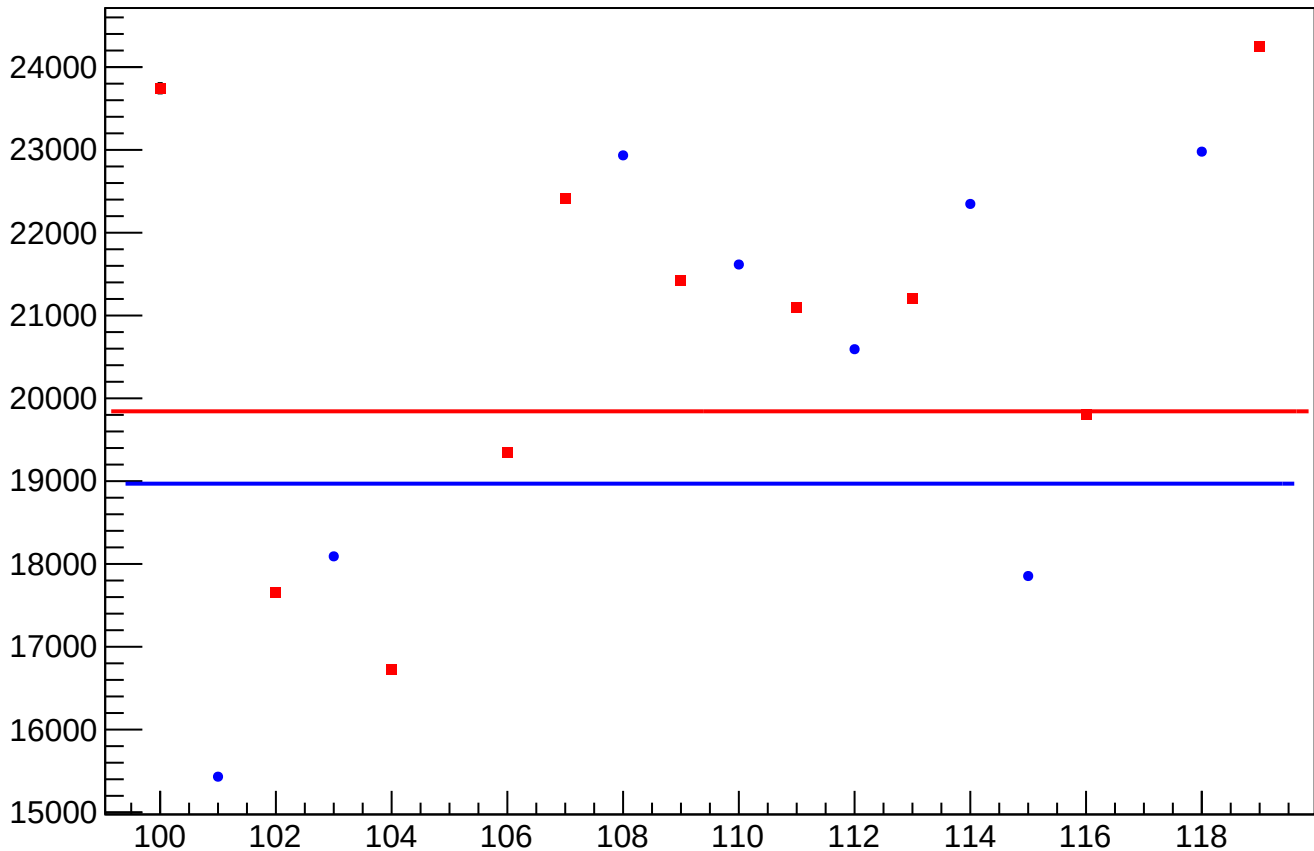
Right: 12.112+/-7.201 χ^2/NDF : 19.1/17

In: 1.251+/-10.527 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.112+/-7.201 χ^2/NDF : 19.1/17

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18969.618+/-7.444 χ^2/NDF : 151941.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19843.206+/-6.980 χ^2/NDF : 118498.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

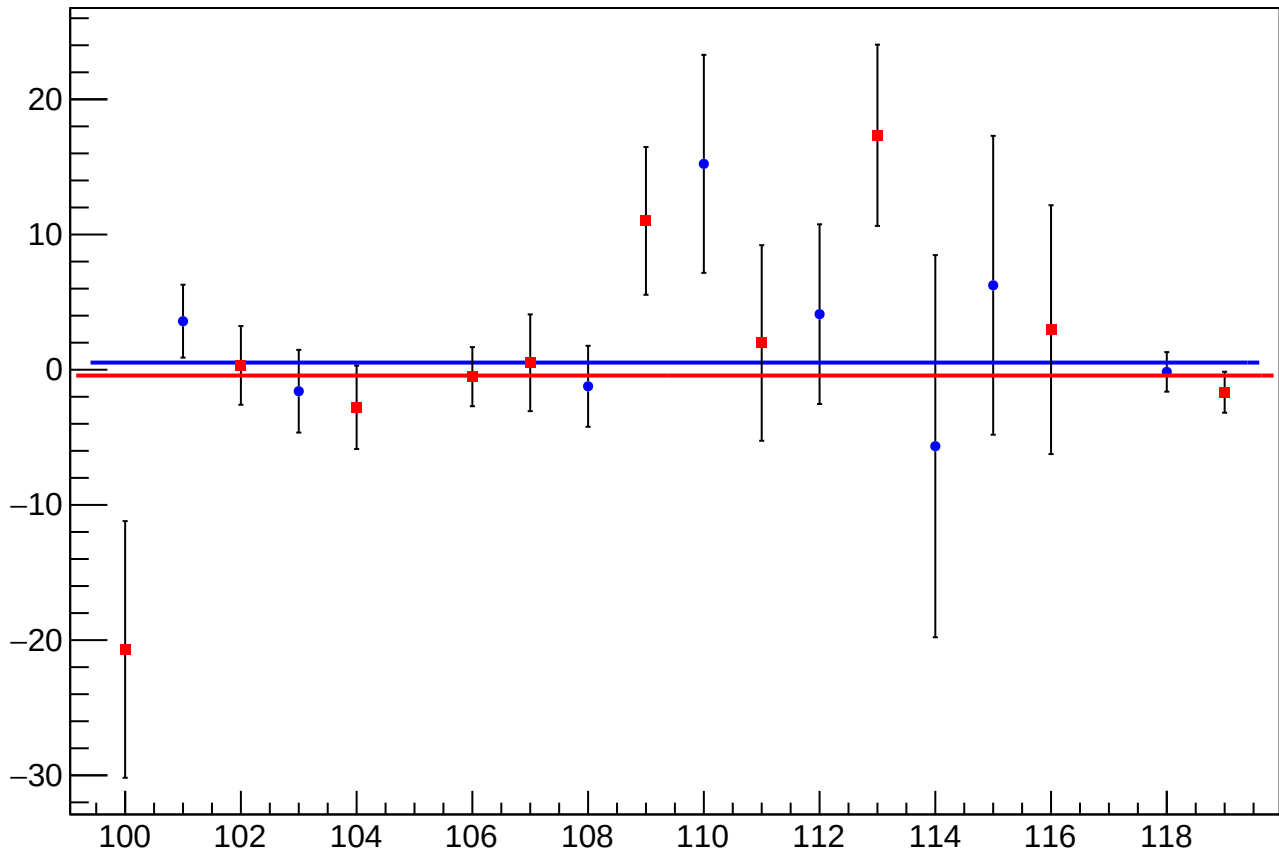
Right: 19434.488+/-5.092 χ^2/NDF : 277768.9/17

In: 18969.618+/-7.444 χ^2/NDF : 151941.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19434.488+/-5.092 χ^2/NDF : 277768.9/17

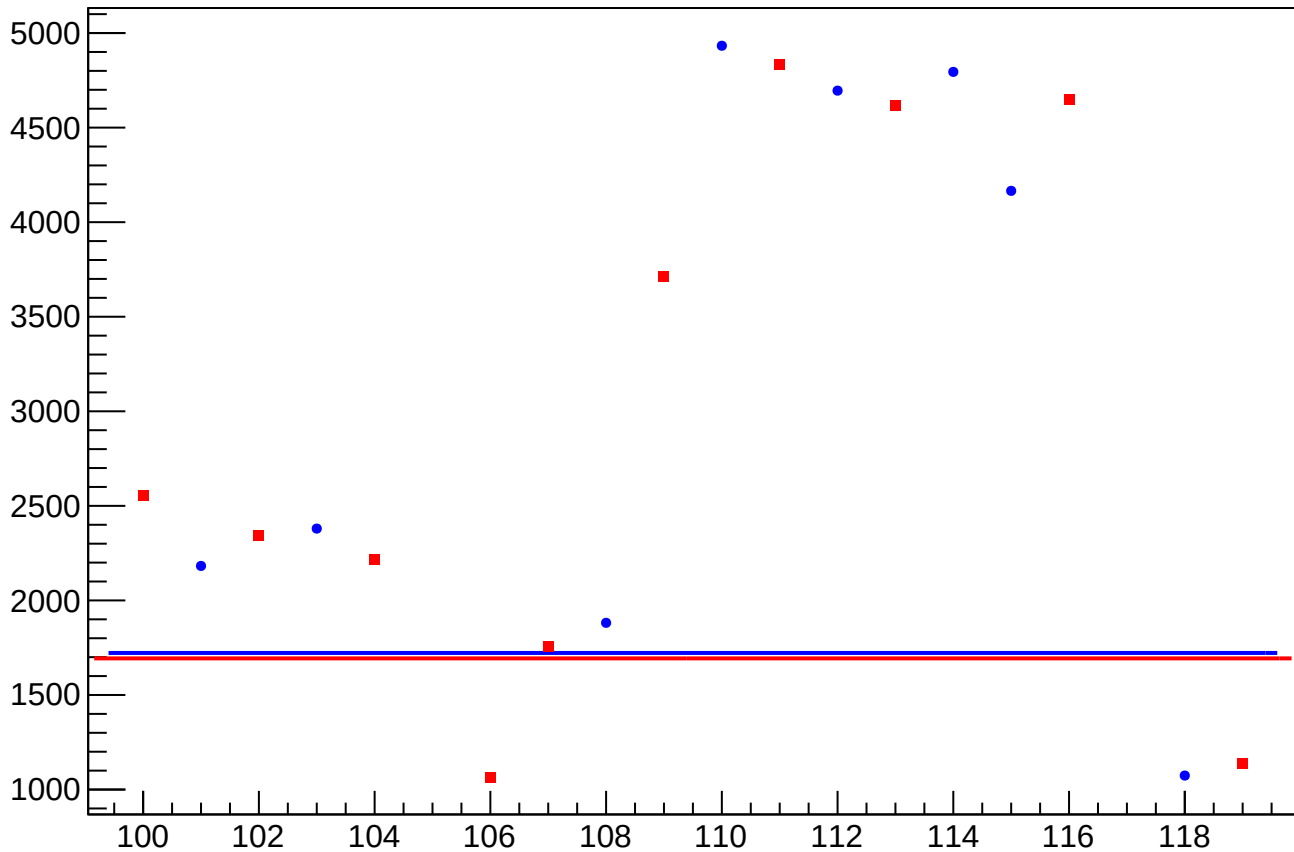
diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: 0.530+/-1.069 χ^2/NDF : 6.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.430+/-0.979 χ^2/NDF : 17.6/9
 Left 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+/-0.722 χ^2/NDF : 24.4/17
 In: 0.530+/-1.069 χ^2/NDF : 6.4/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.008+/-0.722 χ^2/NDF : 24.4/17

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1722.270+/-0.756 χ^2/NDF : 1459319.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.480+/-0.692 χ^2/NDF : 1849008.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

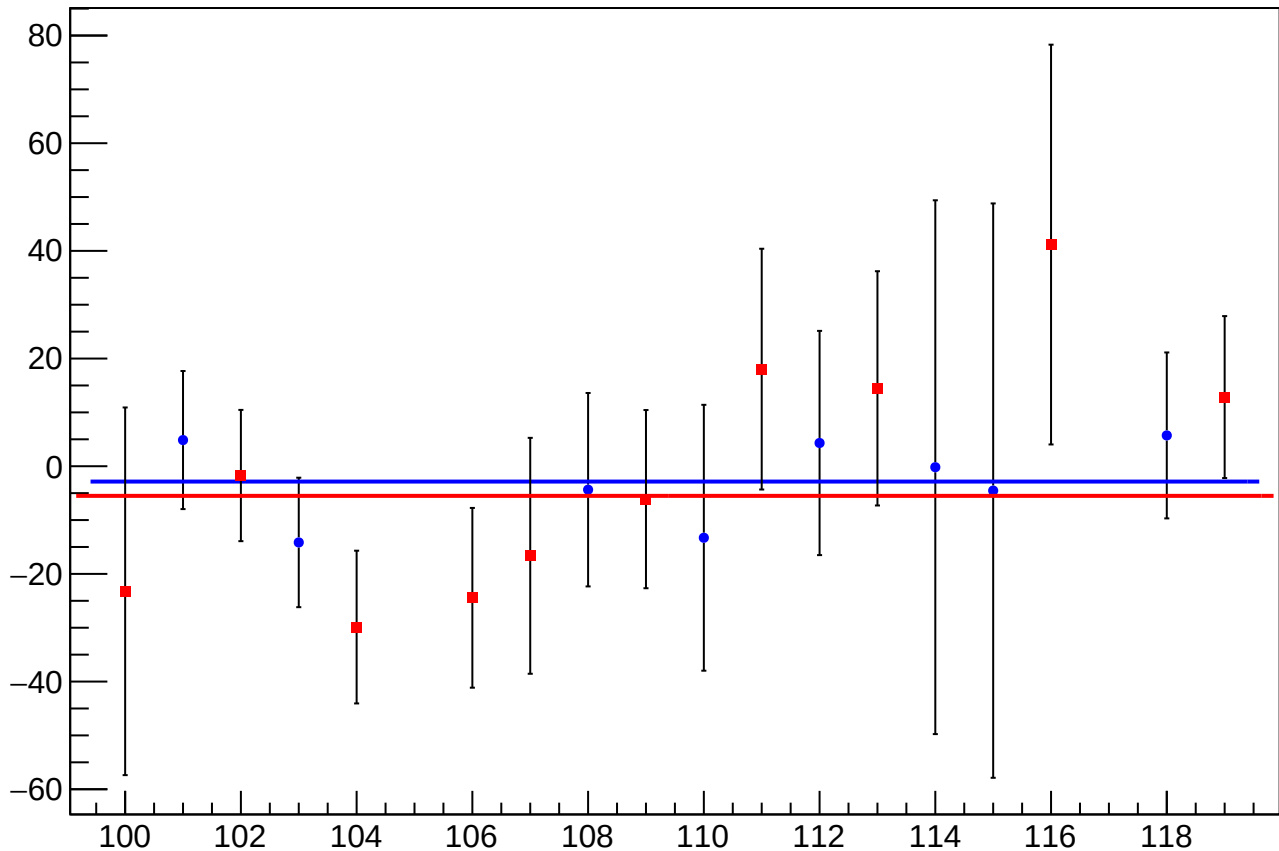
Right: 1706.611+/-0.510 χ^2/NDF : 3309116.1/17

In: 1722.270+/-0.756 χ^2/NDF : 1459319.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.611+/-0.510 χ^2/NDF : 3309116.1/17

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -2.850+/-6.323 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.506+/-5.667 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

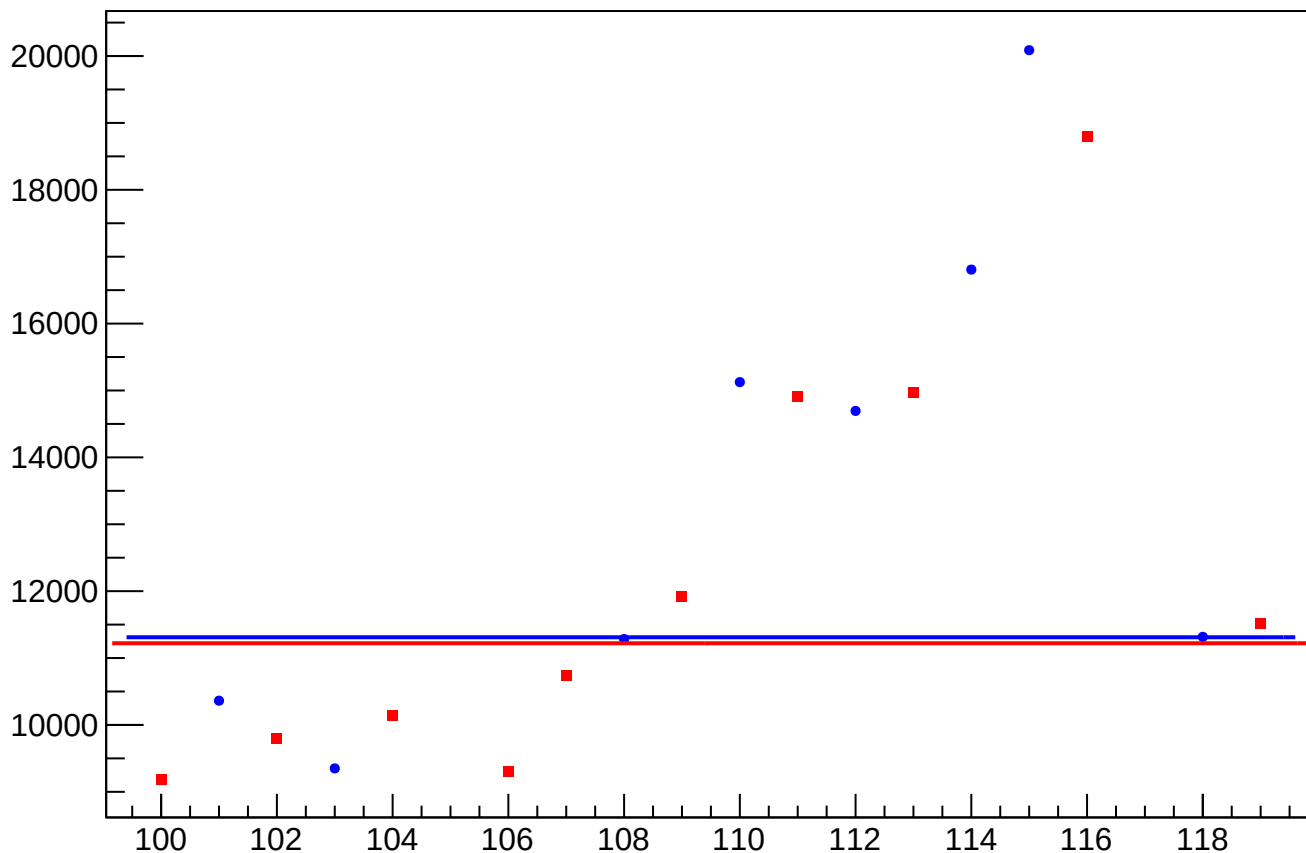
Right: -4.323+/-4.220 χ^2/NDF : 11.8/17

In: -2.850+/-6.323 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.323+/-4.220 χ^2/NDF : 11.8/17

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 11310.611+/-4.471 χ^2/NDF : 243361.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11221.043+/-4.007 χ^2/NDF : 275006.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

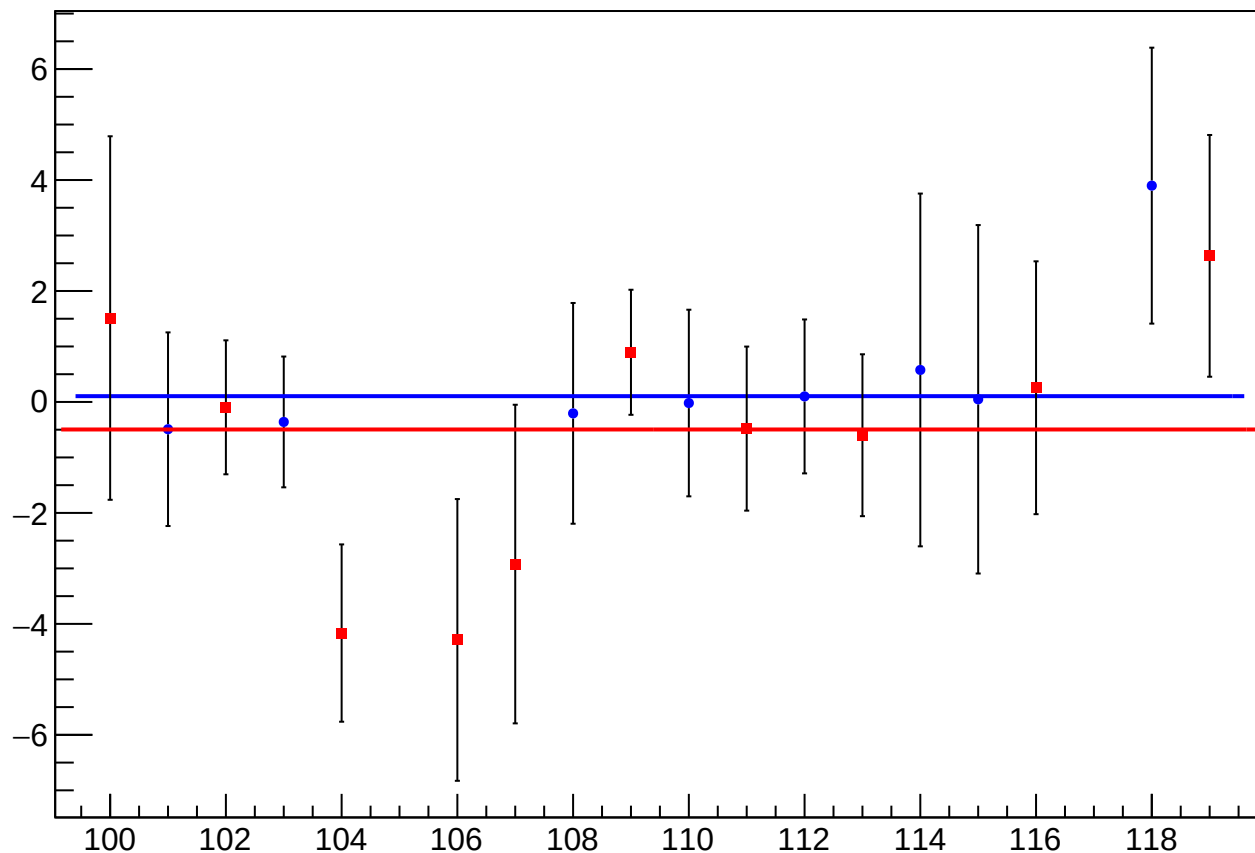
Right: 11260.942+/-2.984 χ^2/NDF : 518591.1/17

In: 11310.611+/-4.471 χ^2/NDF : 243361.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11260.942+/-2.984 χ^2/NDF : 518591.1/17

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.104 ± 0.628 χ^2/NDF : 2.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.496 ± 0.530 χ^2/NDF : 12.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

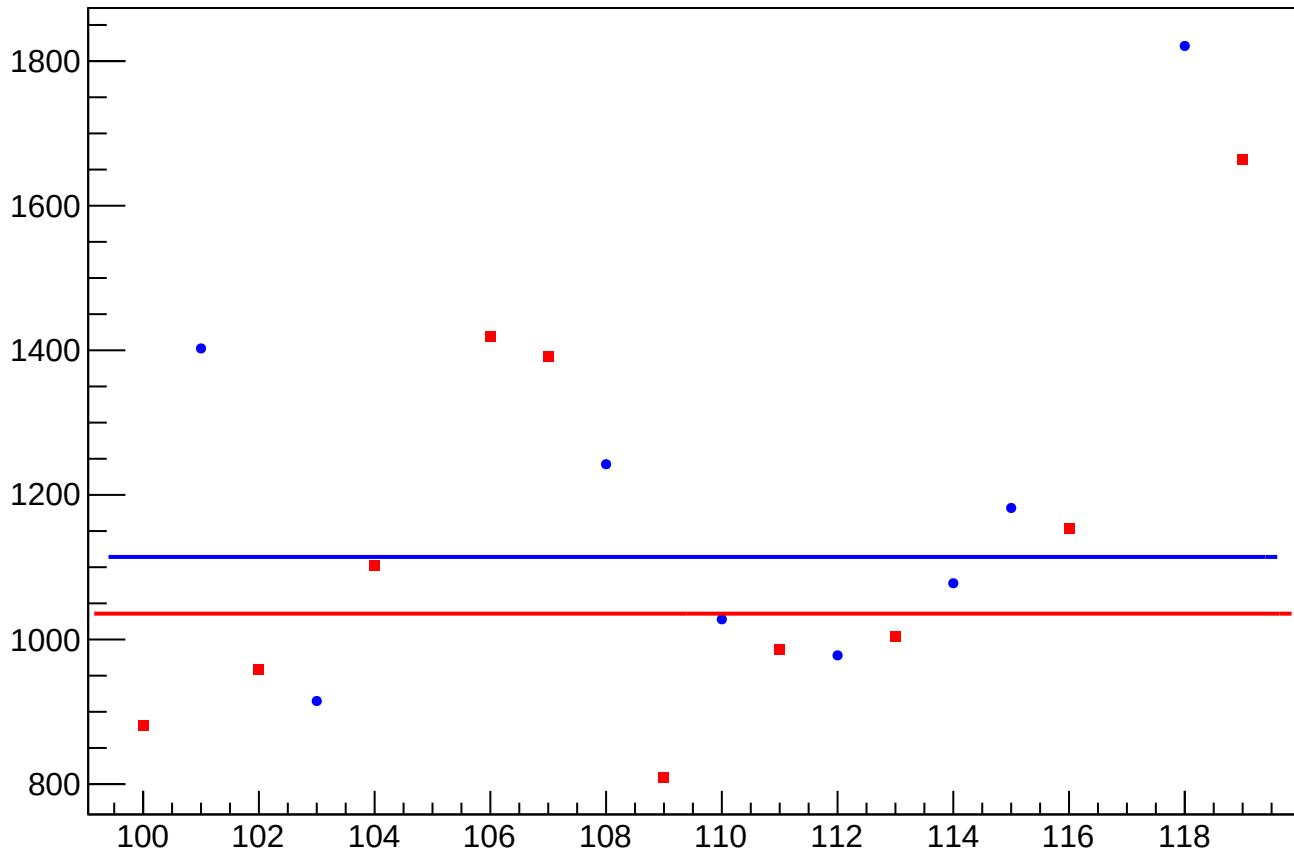
Right: -0.247 ± 0.405 χ^2/NDF : 15.6/17

In: 0.104 ± 0.628 χ^2/NDF : 2.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.247 ± 0.405 χ^2/NDF : 15.6/17

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1114.195+/-0.444 χ^2/NDF : 307395.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.753+/-0.374 χ^2/NDF : 347479.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

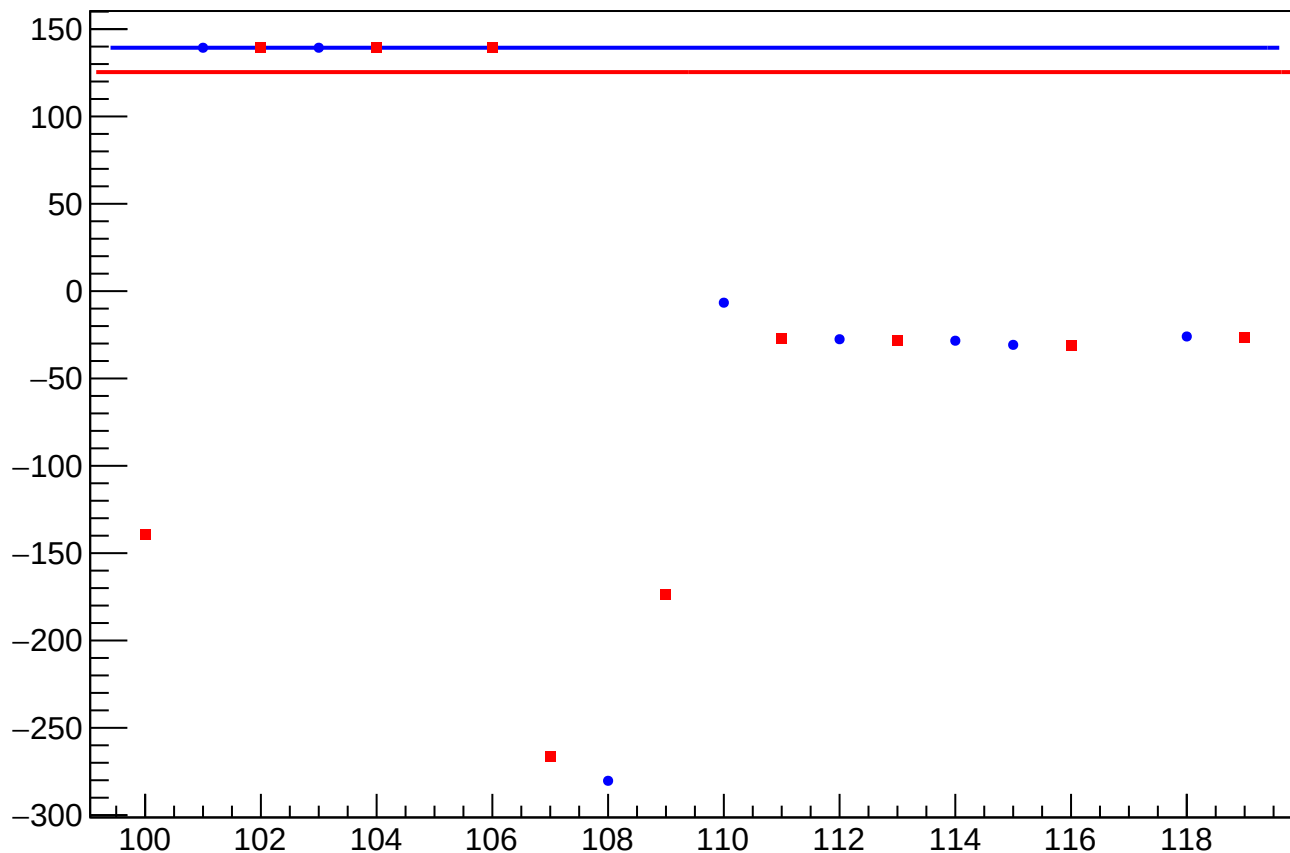
Right: 1068.358+/-0.286 χ^2/NDF : 673112.4/17

In: 1114.195+/-0.444 χ^2/NDF : 307395.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.358+/-0.286 χ^2/NDF : 673112.4/17

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.338+/-0.000 χ^2/NDF : 19643951120.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.392+/-0.000 χ^2/NDF : 774154302700549.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

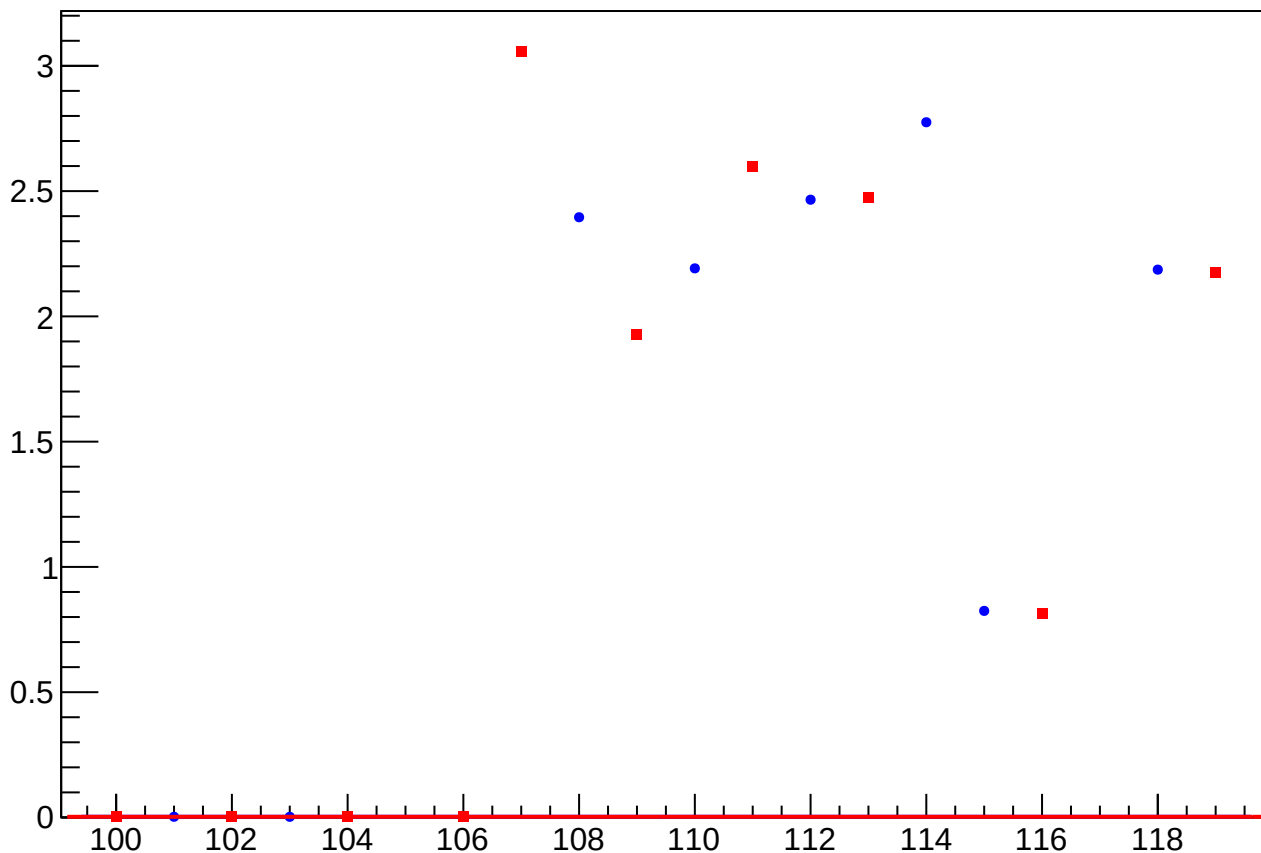
Right: 131.819+/-0.000 χ^2/NDF : 792959530347061

In: 139.338+/-0.000 χ^2/NDF : 19643951120.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.819+/-0.000 χ^2/NDF : 792959530347

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3377499.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4111873.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

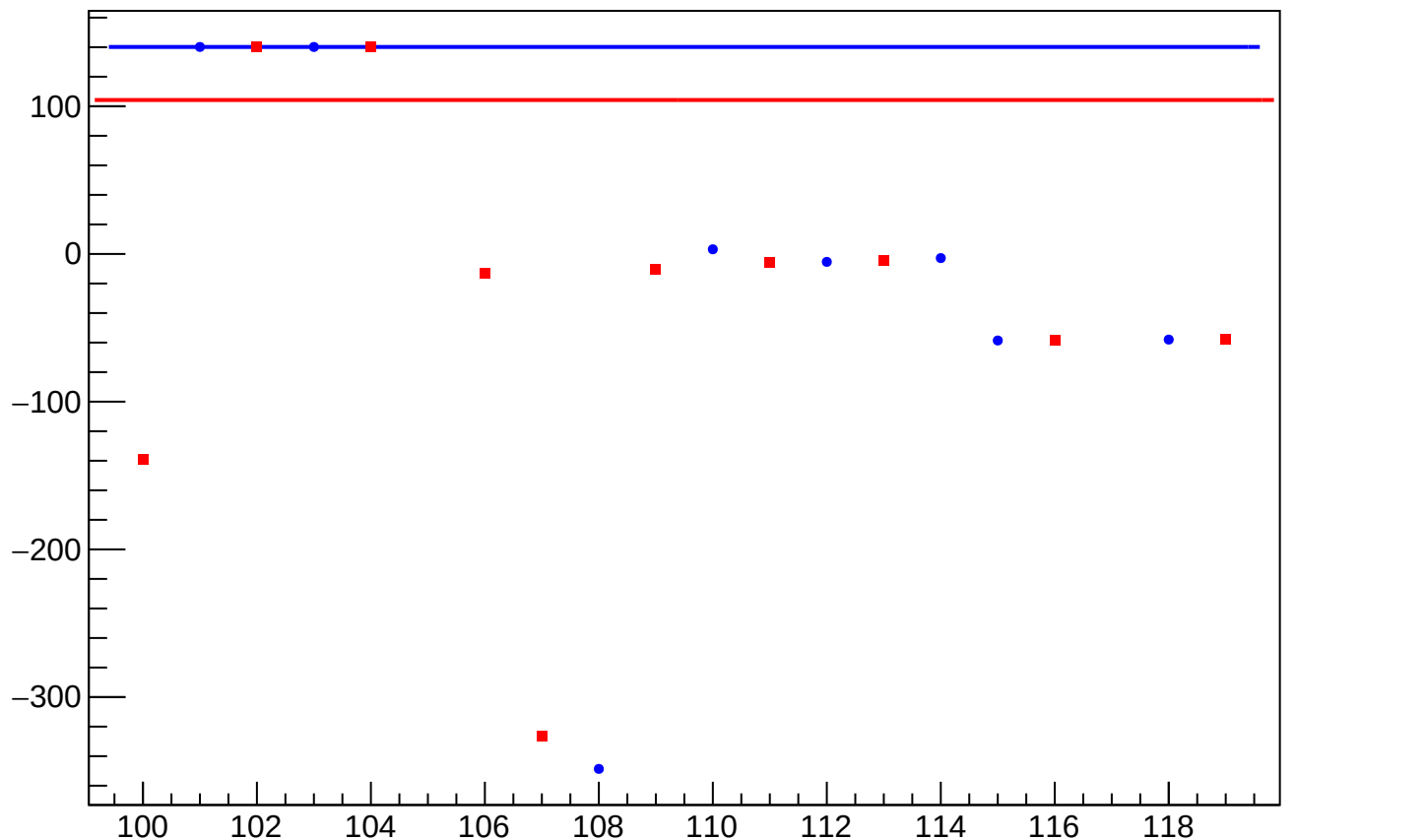
Right: 0.003+/-0.000 χ^2/NDF : 7489525.8/17

In: 0.003+/-0.000 χ^2/NDF :3377499.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

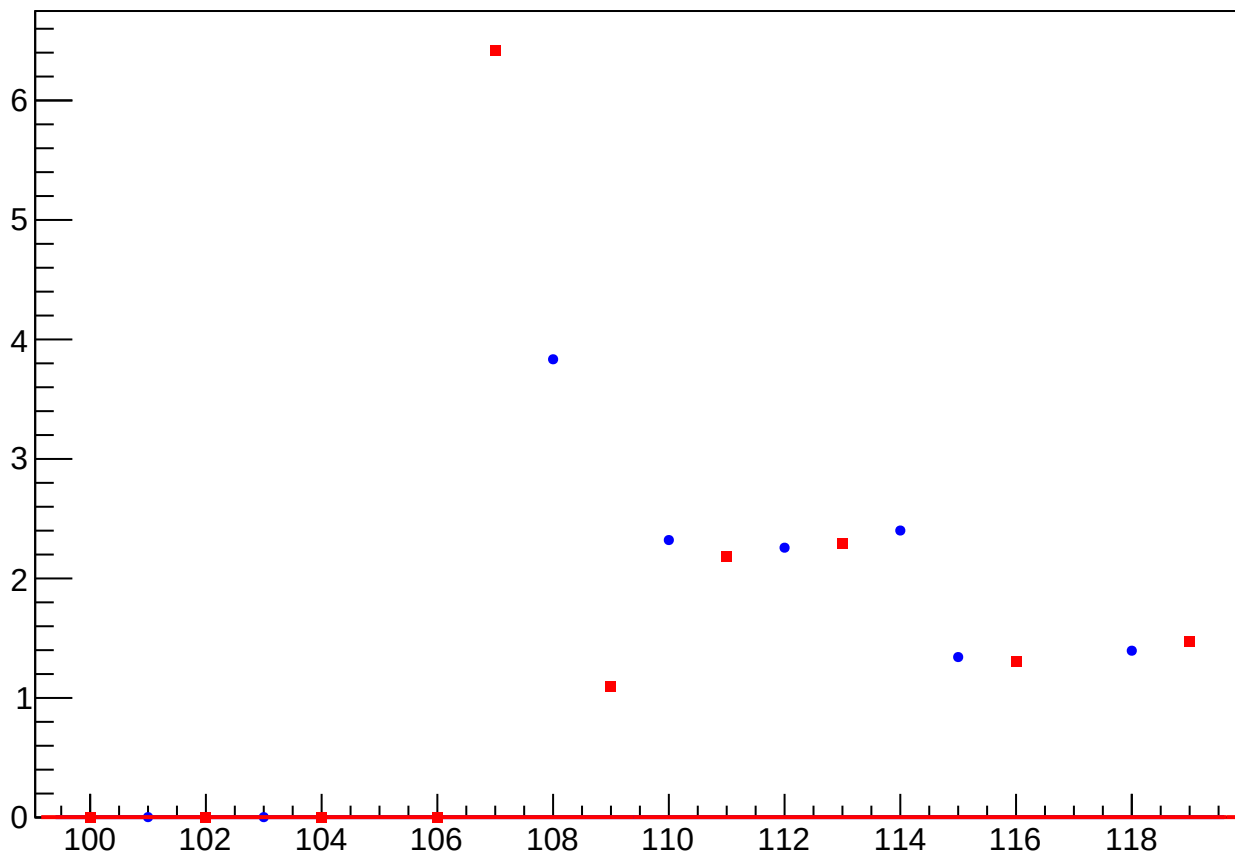
All: 0.003+/-0.000 χ^2/NDF : 7489525.8/17

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.148 $\pm$ 0.000 χ^2 /NDF: 21181755512.4/7
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 104.227 $\pm$ 0.000 χ^2 /NDF: 1257310486148506.8/9
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 120.835 $\pm$ 0.000 χ^2 /NDF: 138064909304632

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3646698.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4236572.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

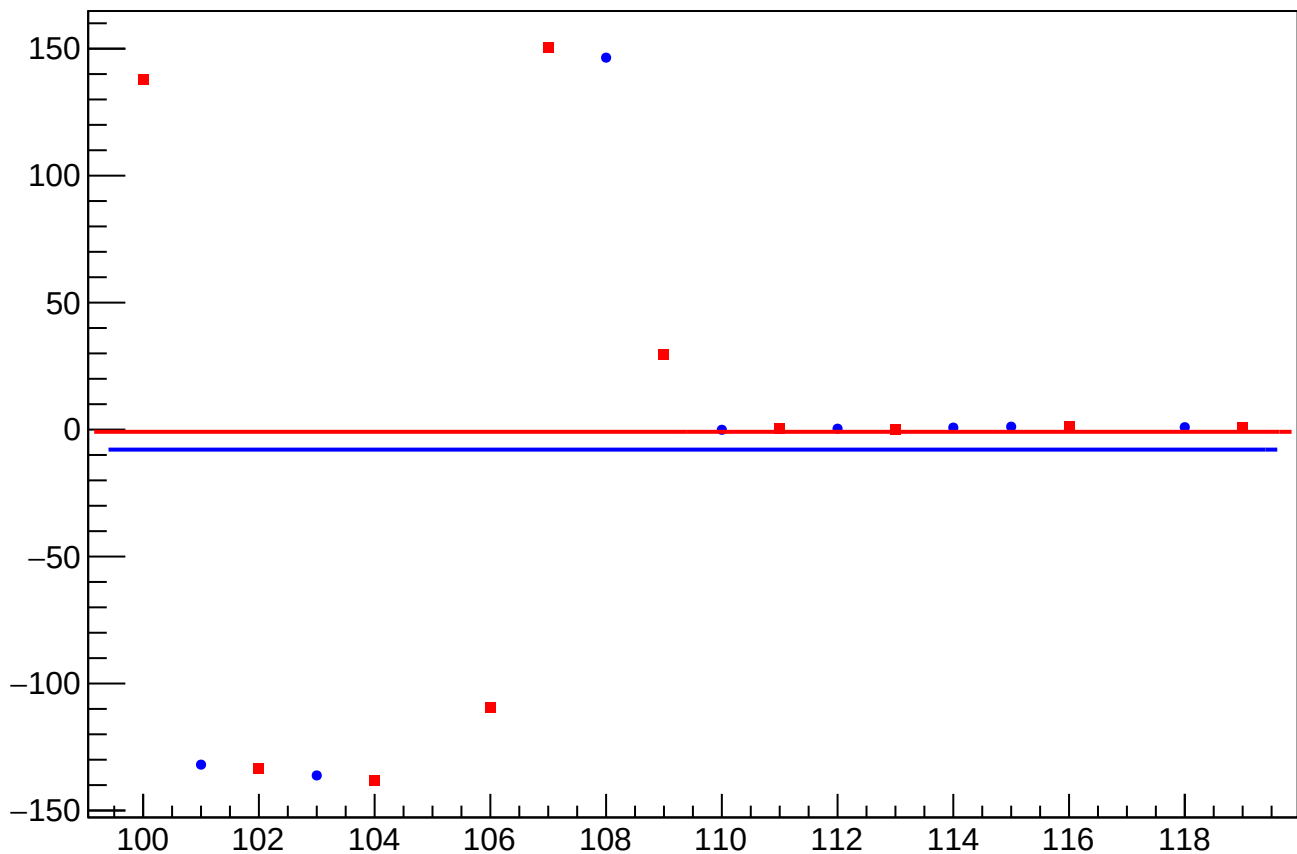
Right: 0.003+/-0.000 χ^2/NDF : 7883414.1/17

In: 0.003+/-0.000 χ^2/NDF : 3646698.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7883414.1/17

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -7.885+/-0.000 χ^2/NDF : 9630607449.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.875+/-0.000 χ^2/NDF : 3599249747.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

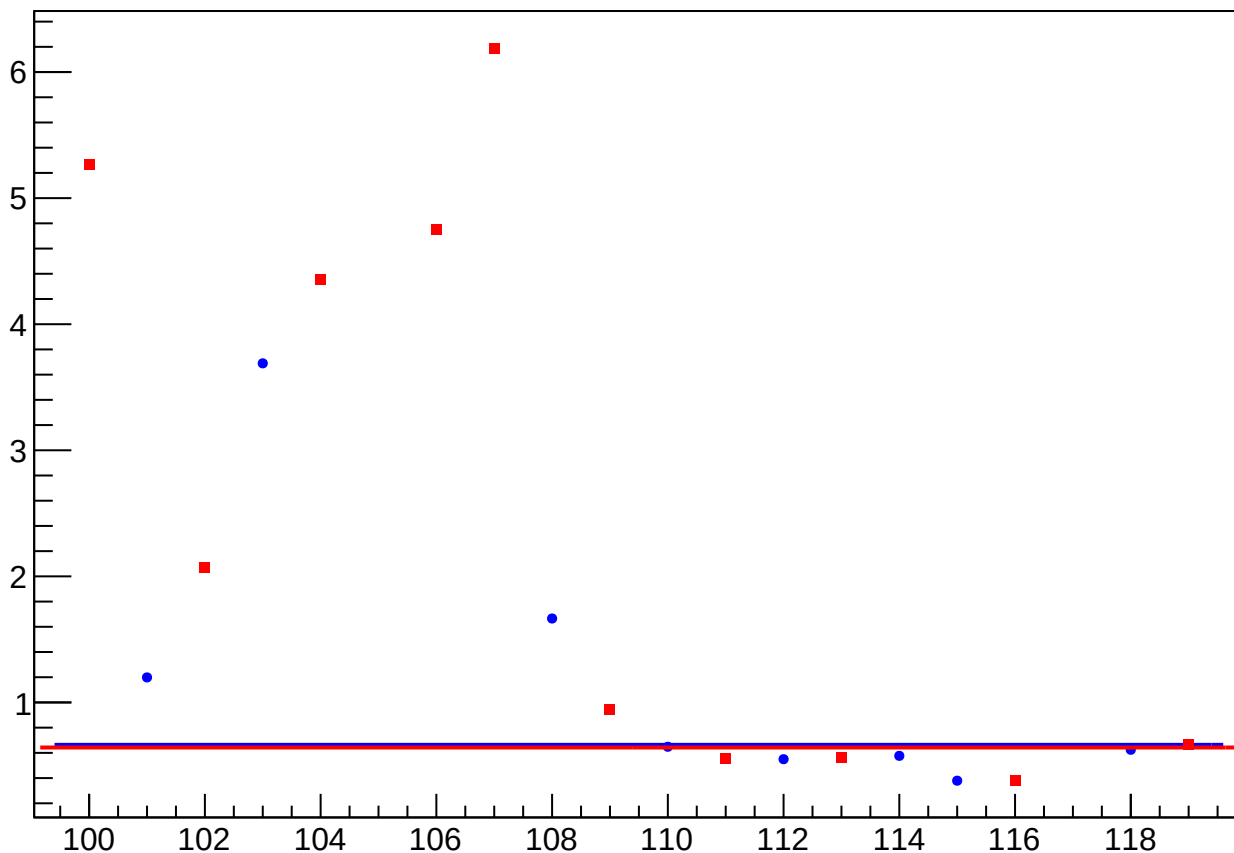
Right: -4.137+/-0.000 χ^2/NDF : 13357363843.0/17

In: -7.885+/-0.000 χ^2/NDF : 9630607449.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.137+/-0.000 χ^2/NDF : 13357363843.0/17

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.664+/-0.000 χ^2/NDF : 1263967.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.643+/-0.000 χ^2/NDF : 2285729.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

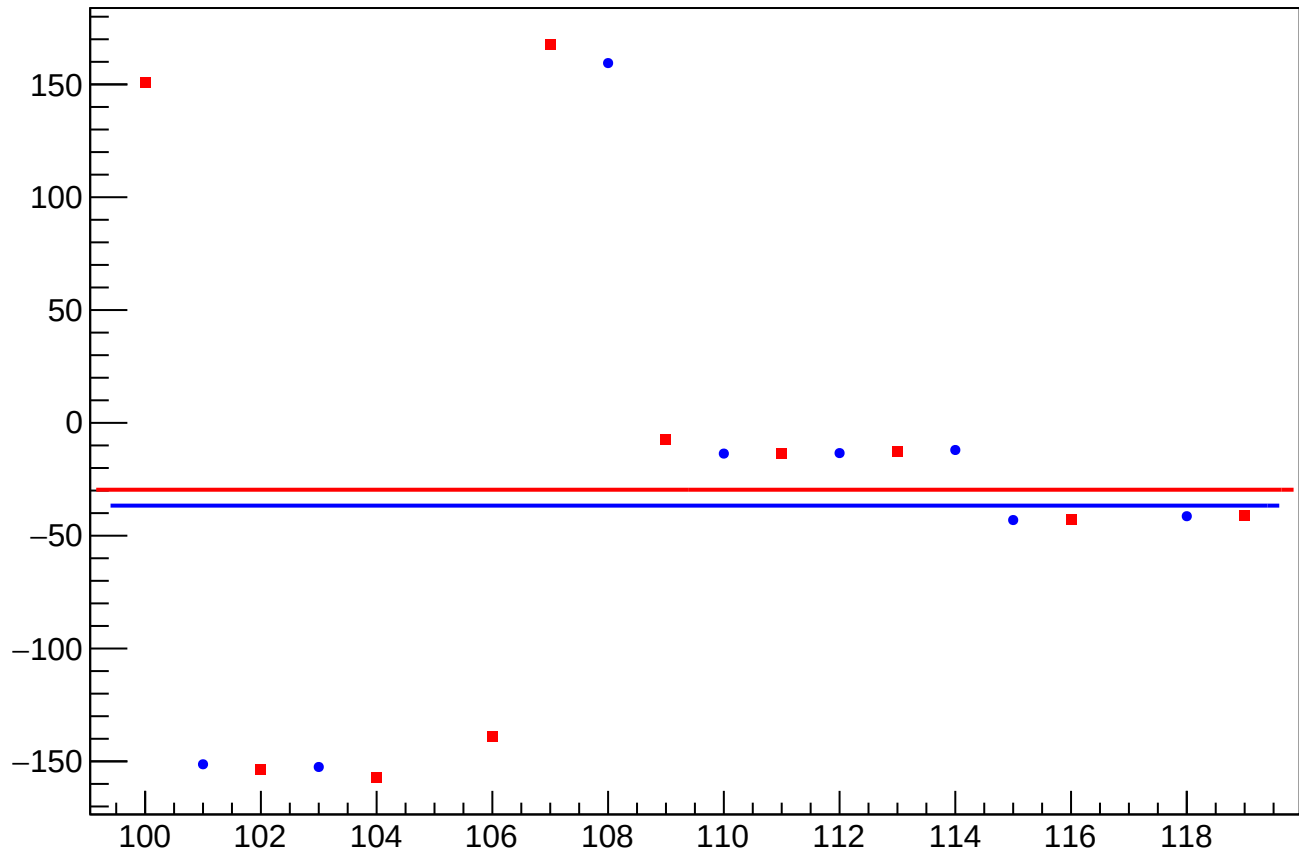
Right: 0.652+/-0.000 χ^2/NDF : 3551982.7/17

In: 0.664+/-0.000 χ^2/NDF : 1263967.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.652+/-0.000 χ^2/NDF : 3551982.7/17

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -36.673+/-0.001 χ^2/NDF : 3388064733.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -29.630+/-0.001 χ^2/NDF : 2035166590.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

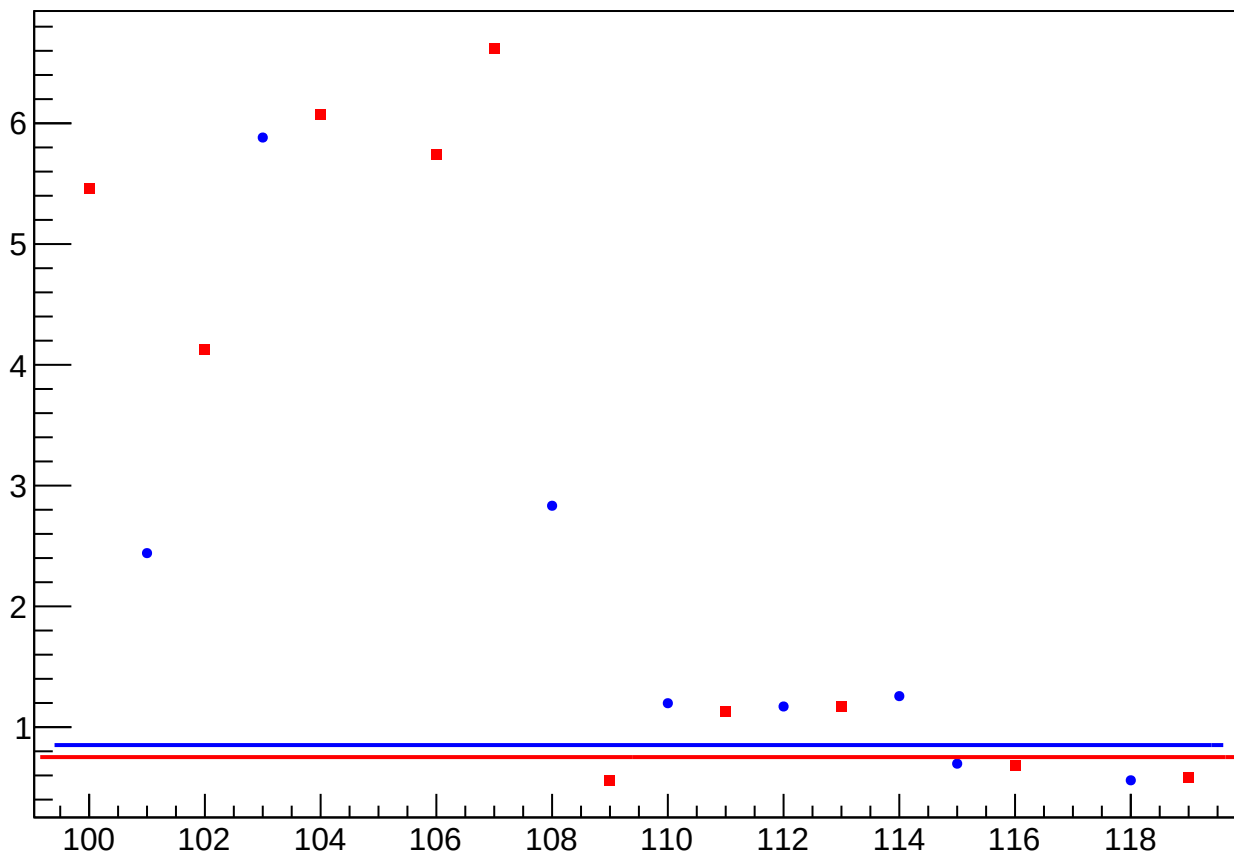
Right: -32.548+/-0.000 χ^2/NDF : 5502949147.3/17

In: -36.673+/-0.001 χ^2/NDF :3388064733.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.548+/-0.000 χ^2/NDF : 5502949147.3/17

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.852 $\pm$ 0.000 χ^2 /NDF: 2097959.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.752 $\pm$ 0.000 χ^2 /NDF: 2628274.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

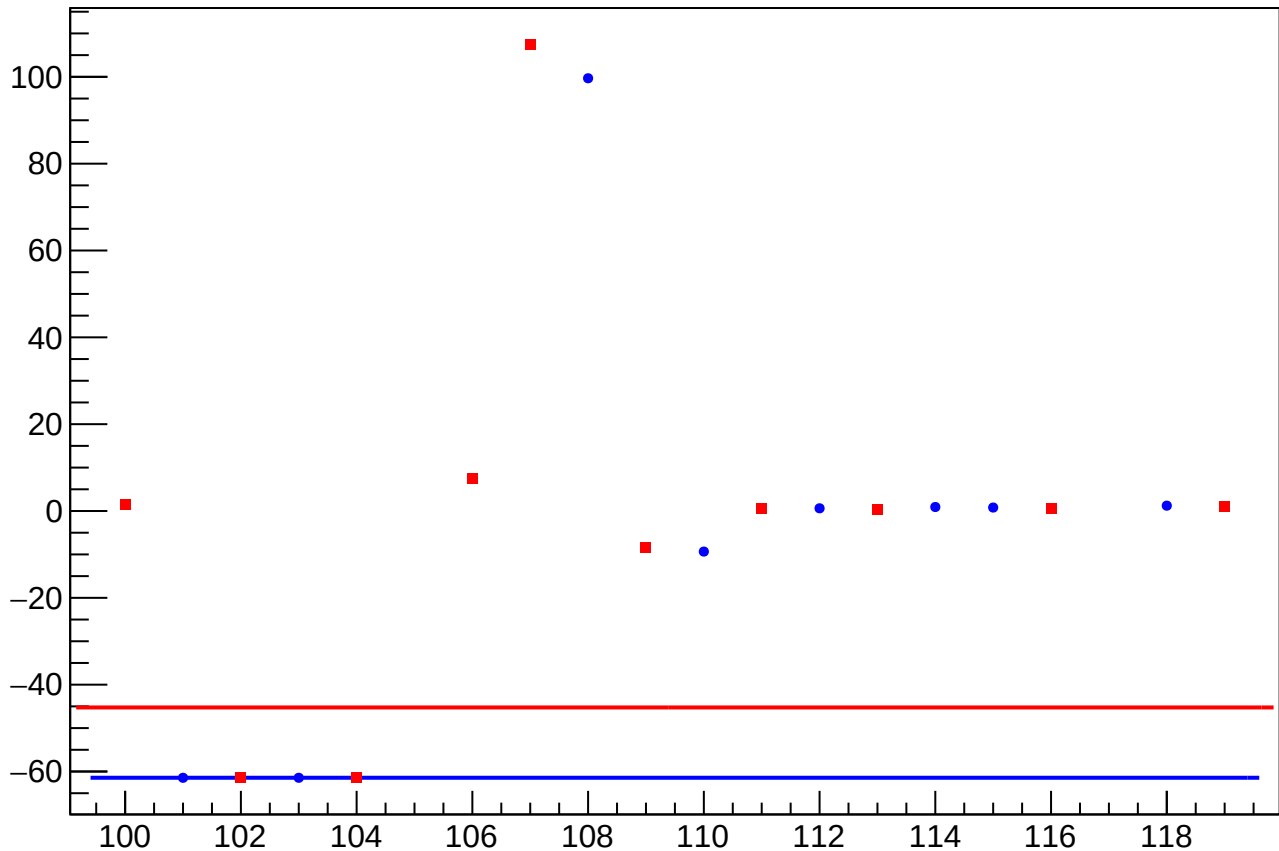
Right: 0.793 $\pm$ 0.000 χ^2 /NDF: 4758070.2/17

In: 0.852 $\pm$ 0.000 χ^2 /NDF:2097959.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

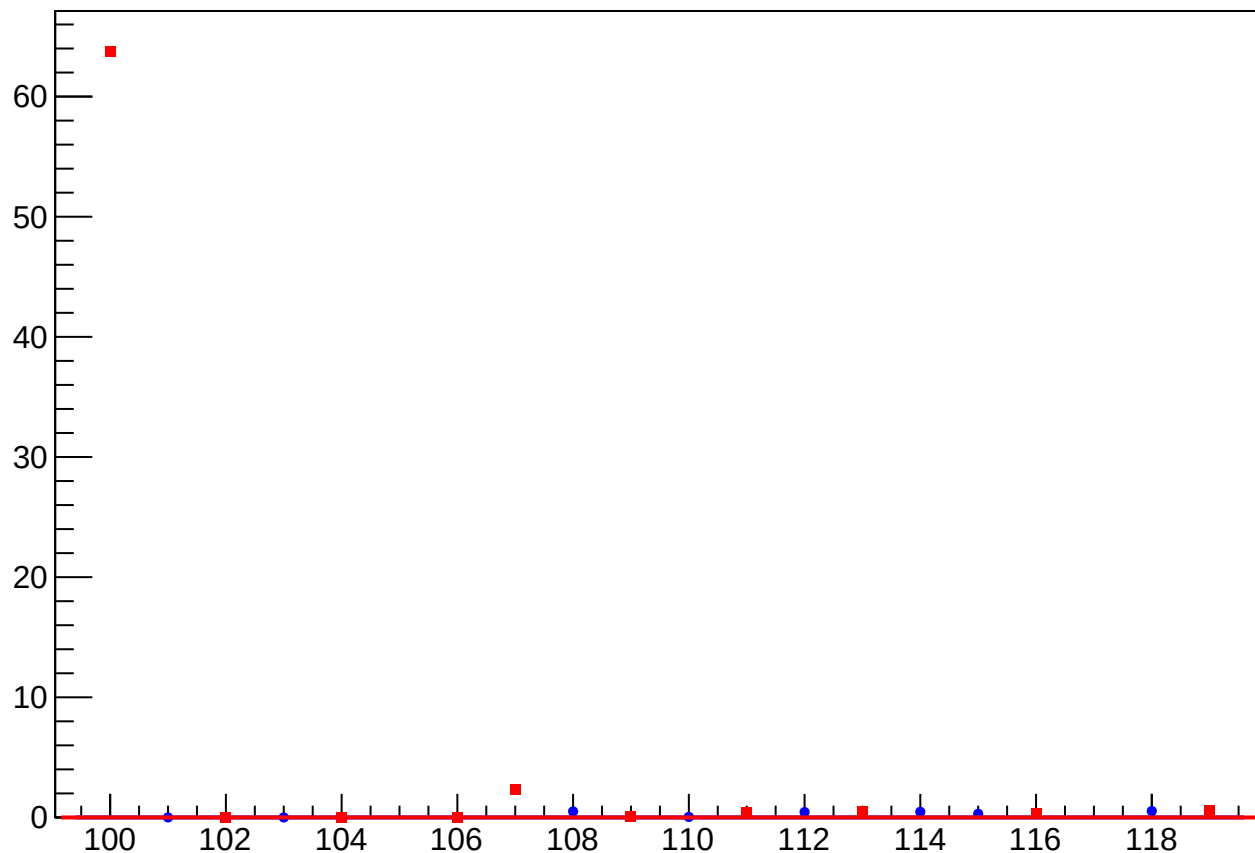
All: 0.793 $\pm$ 0.000 χ^2 /NDF: 4758070.2/17

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.439+/-0.000 χ^2/NDF : 209381642666.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.246+/-0.000 χ^2/NDF : 357845534437217.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.751+/-0.000 χ^2/NDF : 409040943091204

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3028569.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3866944.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

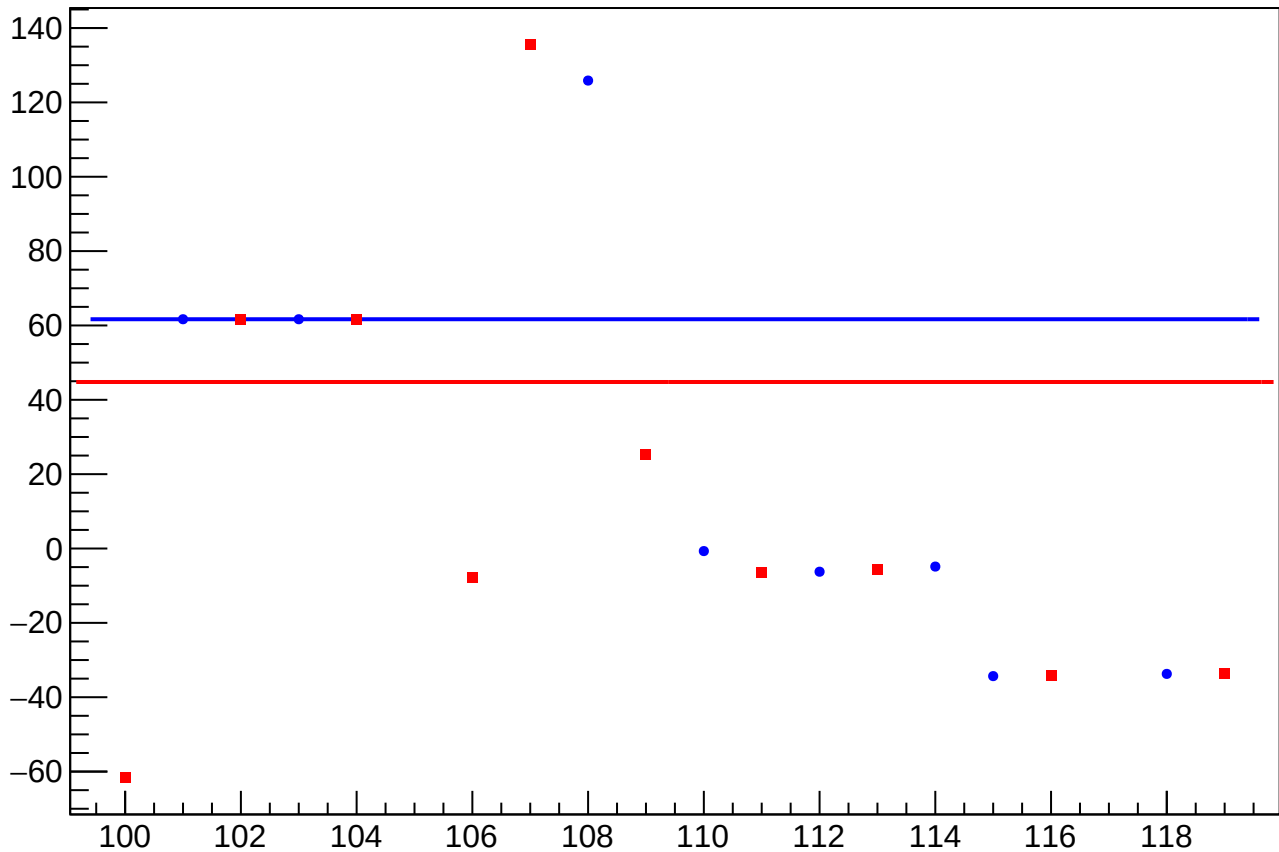
Right: 0.001+/-0.000 χ^2/NDF : 6895518.8/17

In: 0.001+/-0.000 χ^2/NDF : 3028569.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6895518.8/17

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.672+/-0.000 χ^2/NDF : 47028938848.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.792+/-0.000 χ^2/NDF : 365902861274507.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

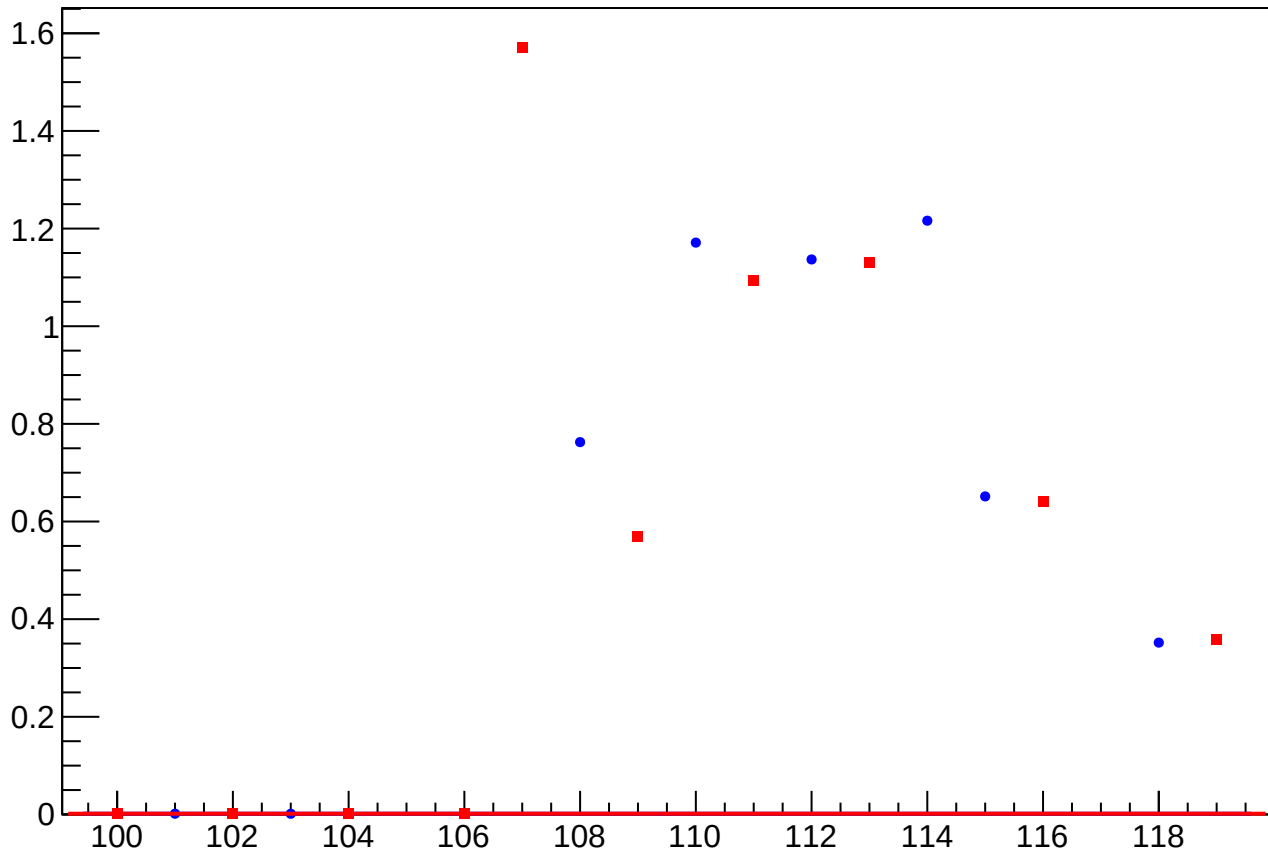
Right: 52.697+/-0.000 χ^2/NDF : 417071057426695.7

In: 61.672+/-0.000 χ^2/NDF : 47028938848.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.697+/-0.000 χ^2/NDF : 417071057426695.7

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3792877.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 4272028.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

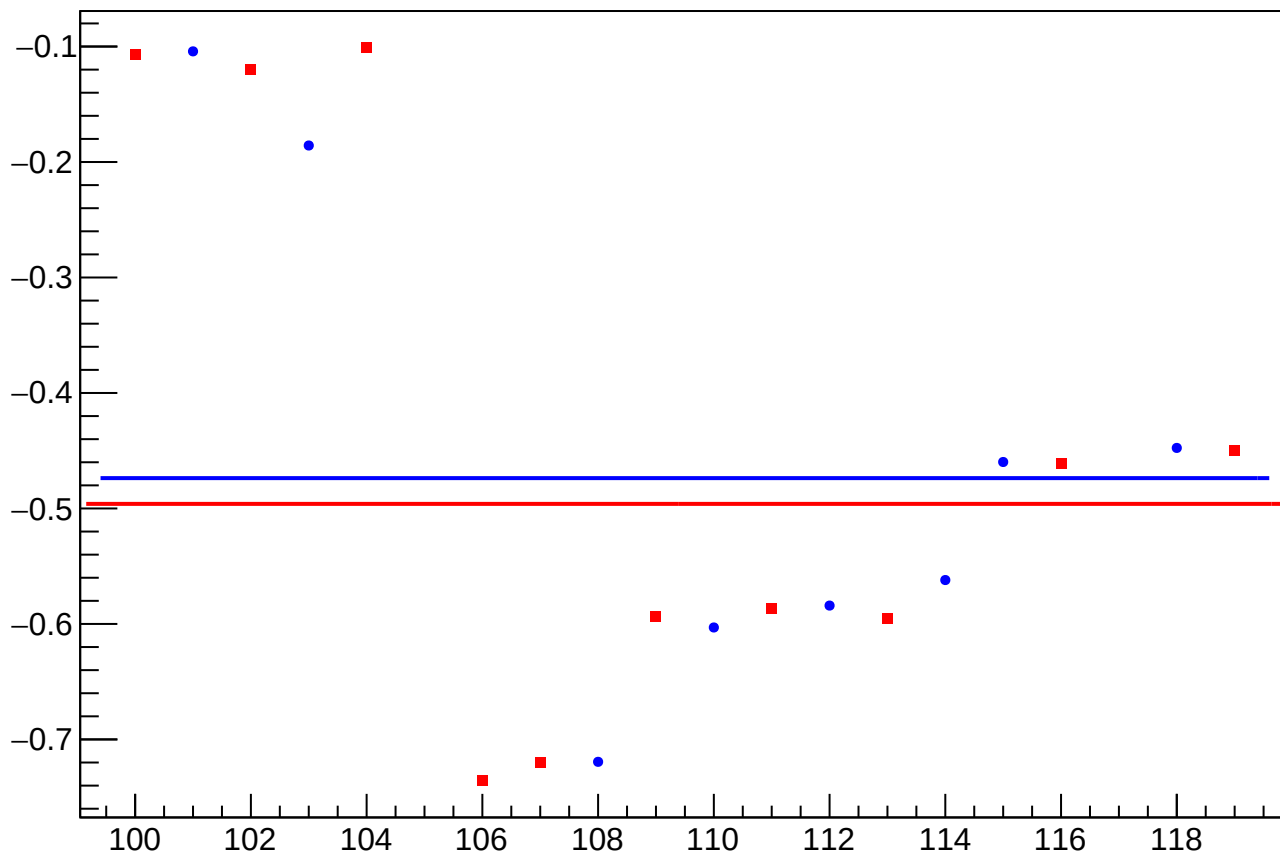
Right: 0.002+/-0.000 χ^2/NDF : 8065155.4/17

In: 0.001+/-0.000 χ^2/NDF : 3792877.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8065155.4/17

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.474+/-0.000 χ^2/NDF : 105804159.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.496+/-0.000 χ^2/NDF : 98986782.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

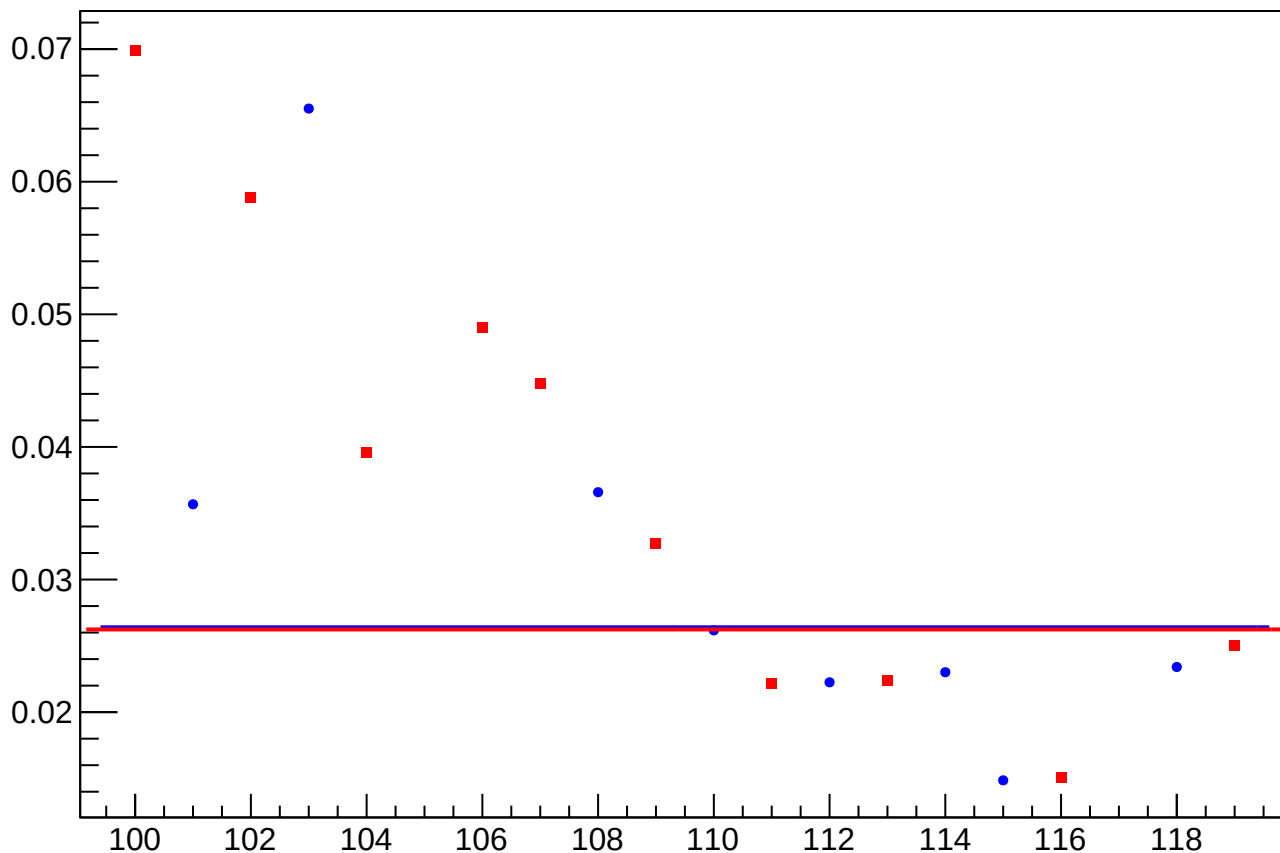
Right: -0.486+/-0.000 χ^2/NDF : 205766596.8/17

In: -0.474+/-0.000 χ^2/NDF : 105804159.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.486+/-0.000 χ^2/NDF : 205766596.8/17

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 699375.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 966297.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

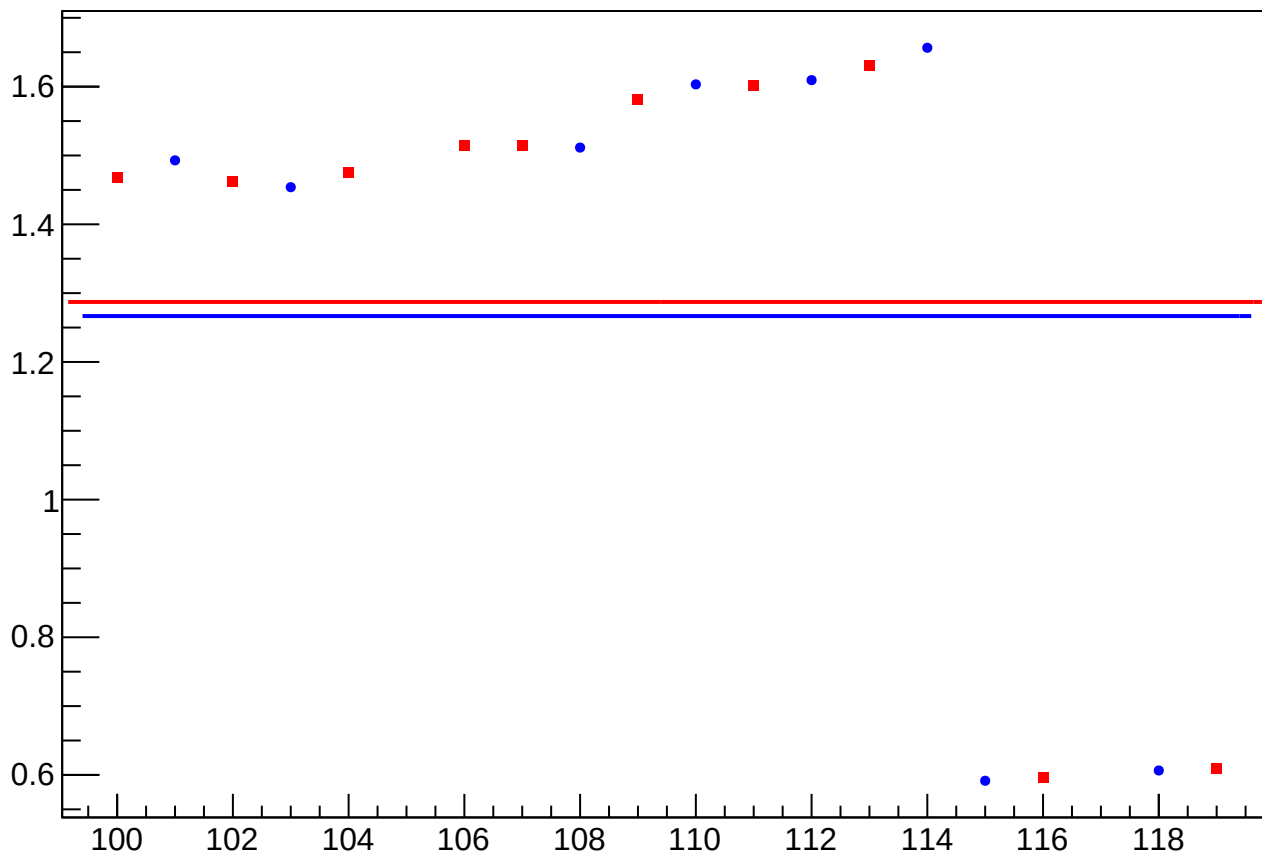
Right: 0.026+/-0.000 χ^2/NDF : 1665773.6/17

In: 0.026+/-0.000 χ^2/NDF : 699375.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1665773.6/17

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.267+/-0.000

χ^2/NDF : 1290340136.2/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 1.287+/-0.000

χ^2/NDF : 1481598951.4/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.278+/-0.000

χ^2/NDF : 2773831320.6/17

In: 1.267+/-0.000

χ^2/NDF : 1290340136.2/7

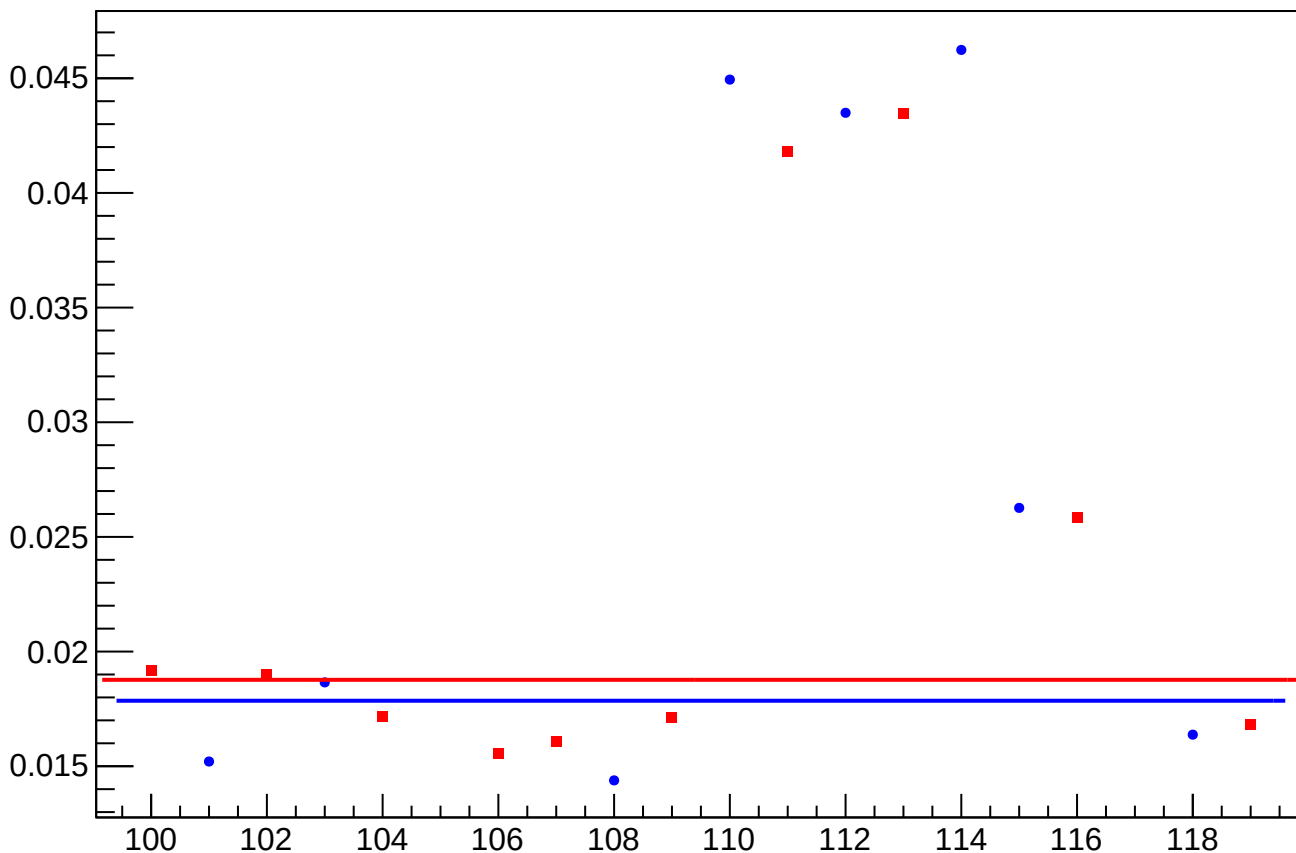
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.278+/-0.000

χ^2/NDF : 2773831320.6/17

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 759833.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 646383.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

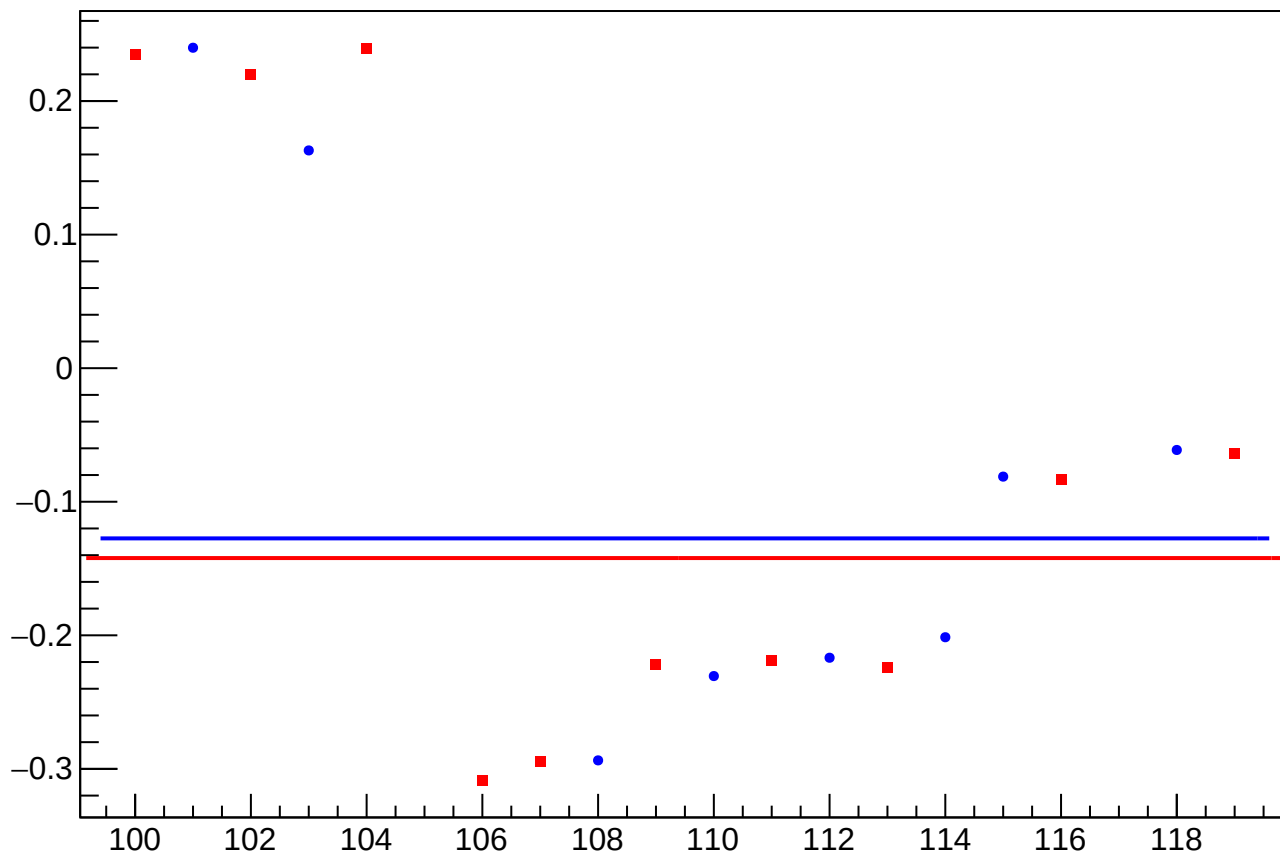
Right: 0.018+/-0.000 χ^2/NDF : 1413693.0/17

In: 0.018+/-0.000 χ^2/NDF : 759833.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.000 χ^2/NDF : 1413693.0/17

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.127+/-0.000 χ^2/NDF : 98779737.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.142+/-0.000 χ^2/NDF : 97127711.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

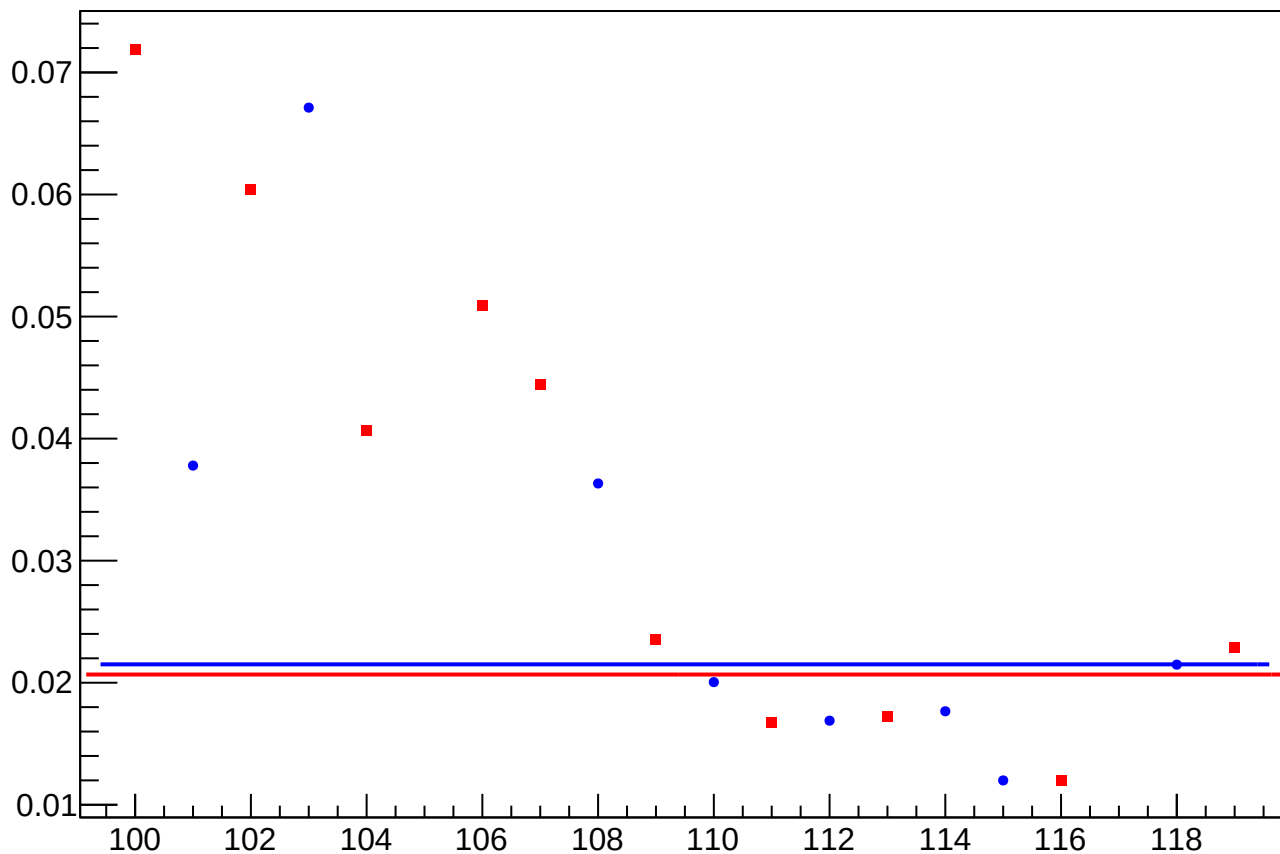
Right: -0.136+/-0.000 χ^2/NDF : 196526295.4/17

In: -0.127+/-0.000 χ^2/NDF :98779737.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.136+/-0.000 χ^2/NDF : 196526295.4/17

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1047640.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1351248.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

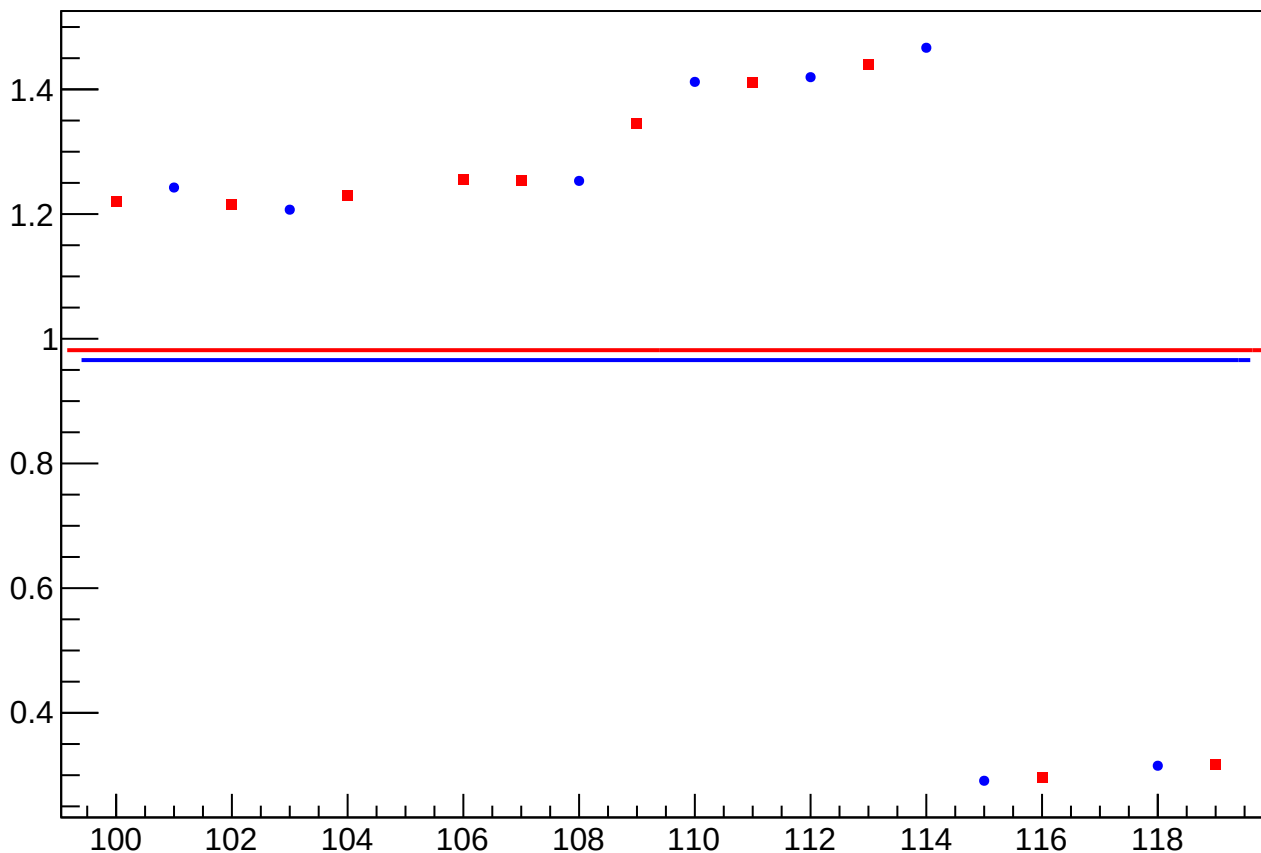
Right: 0.021+/-0.000 χ^2/NDF : 2402856.3/17

In: 0.022+/-0.000 χ^2/NDF : 1047640.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2402856.3/17

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.966+/-0.000

χ^2/NDF : 2442807418.7/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.974+/-0.000

χ^2/NDF : 5124782268.1/17

Right Out: 0.982+/-0.000

χ^2/NDF : 2680237306.5/9

In: 0.966+/-0.000

χ^2/NDF : 2442807418.7/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

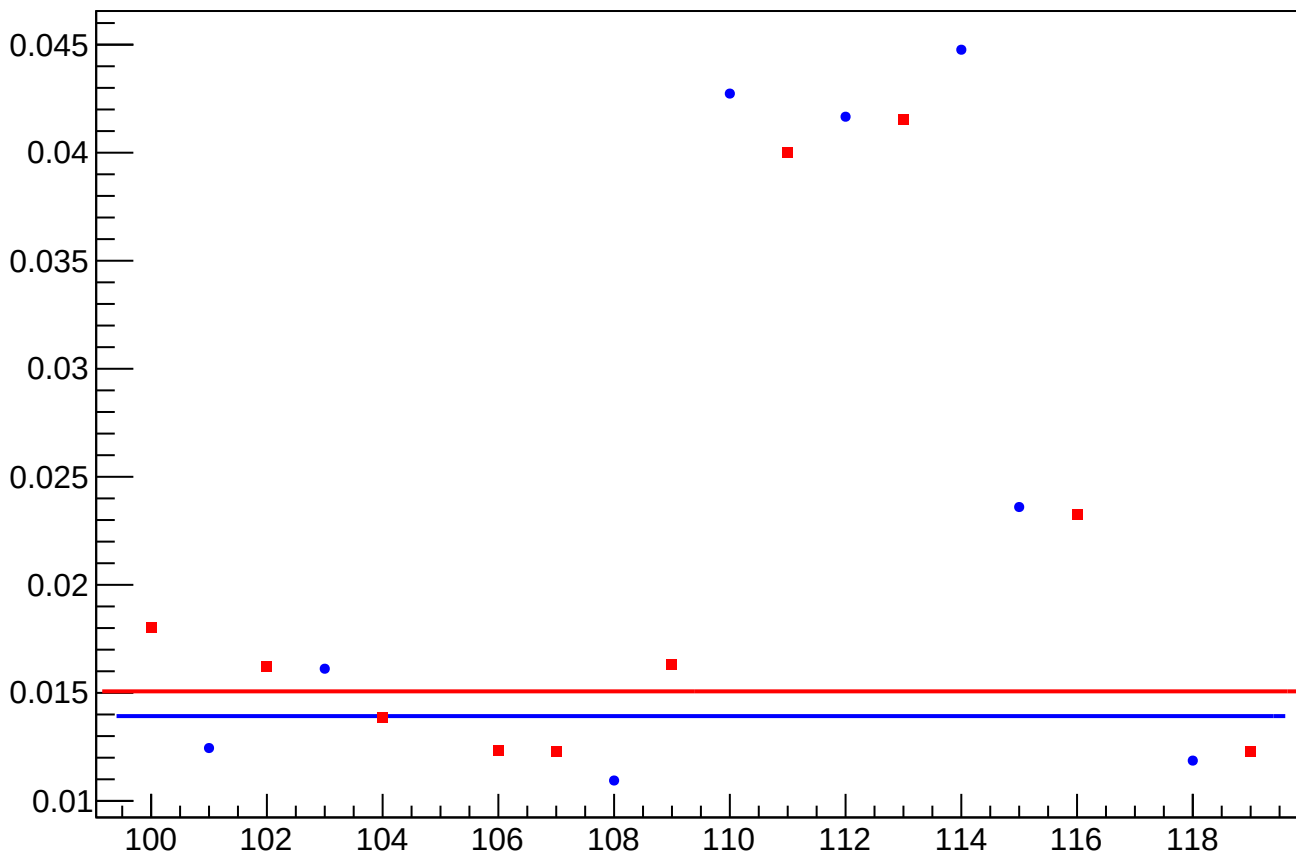
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.974+/-0.000

χ^2/NDF : 5124782268.1/17

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 974798.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 873395.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

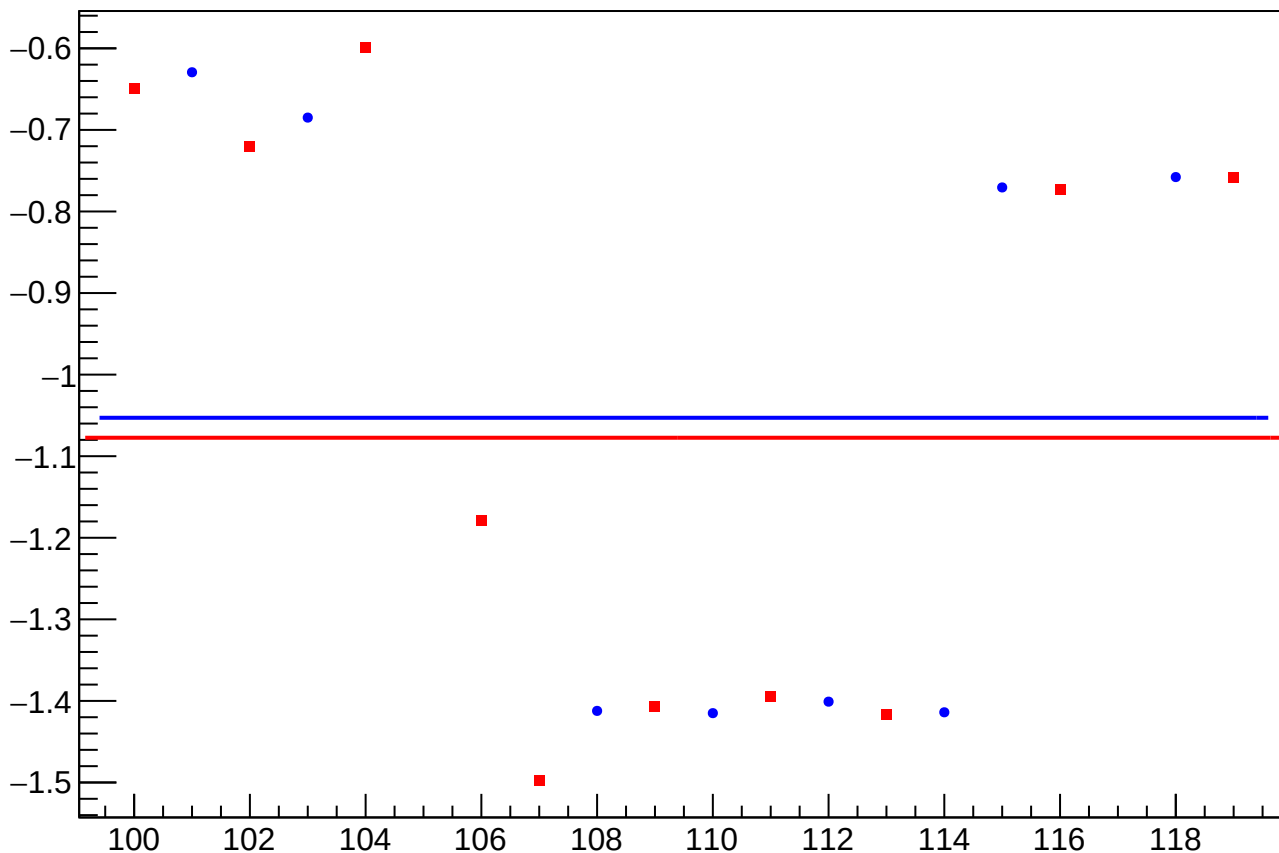
Right: 0.015+/-0.000 χ^2/NDF : 1866205.1/17

In: 0.014+/-0.000 χ^2/NDF : 974798.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1866205.1/17

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.053+/-0.000 χ^2/NDF : 437156891.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.077+/-0.000 χ^2/NDF : 501551121.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

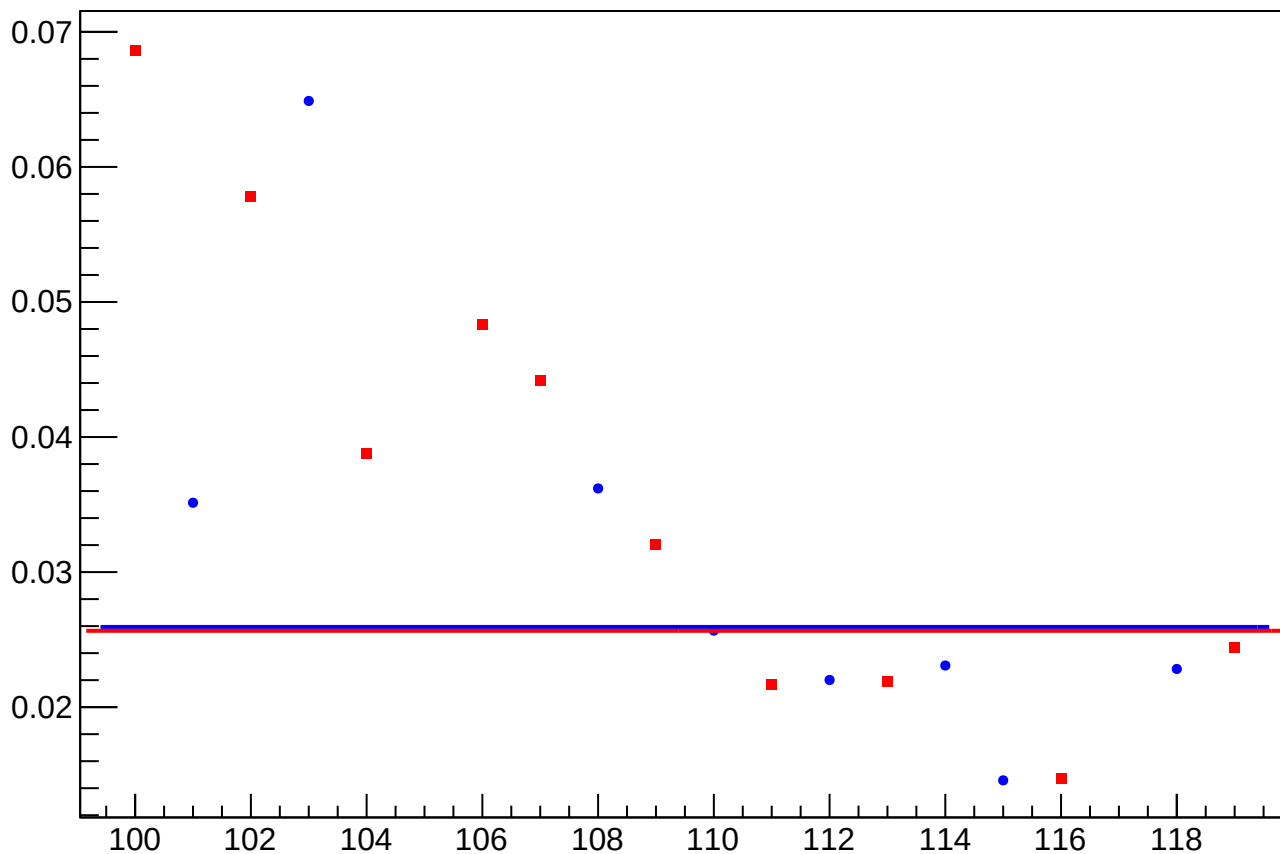
Right: -1.066+/-0.000 χ^2/NDF : 939925515.3/17

In: -1.053+/-0.000 χ^2/NDF :437156891.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.066+/-0.000 χ^2/NDF : 939925515.3/17

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.026+/-0.000 χ^2/NDF : 703776.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 973876.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

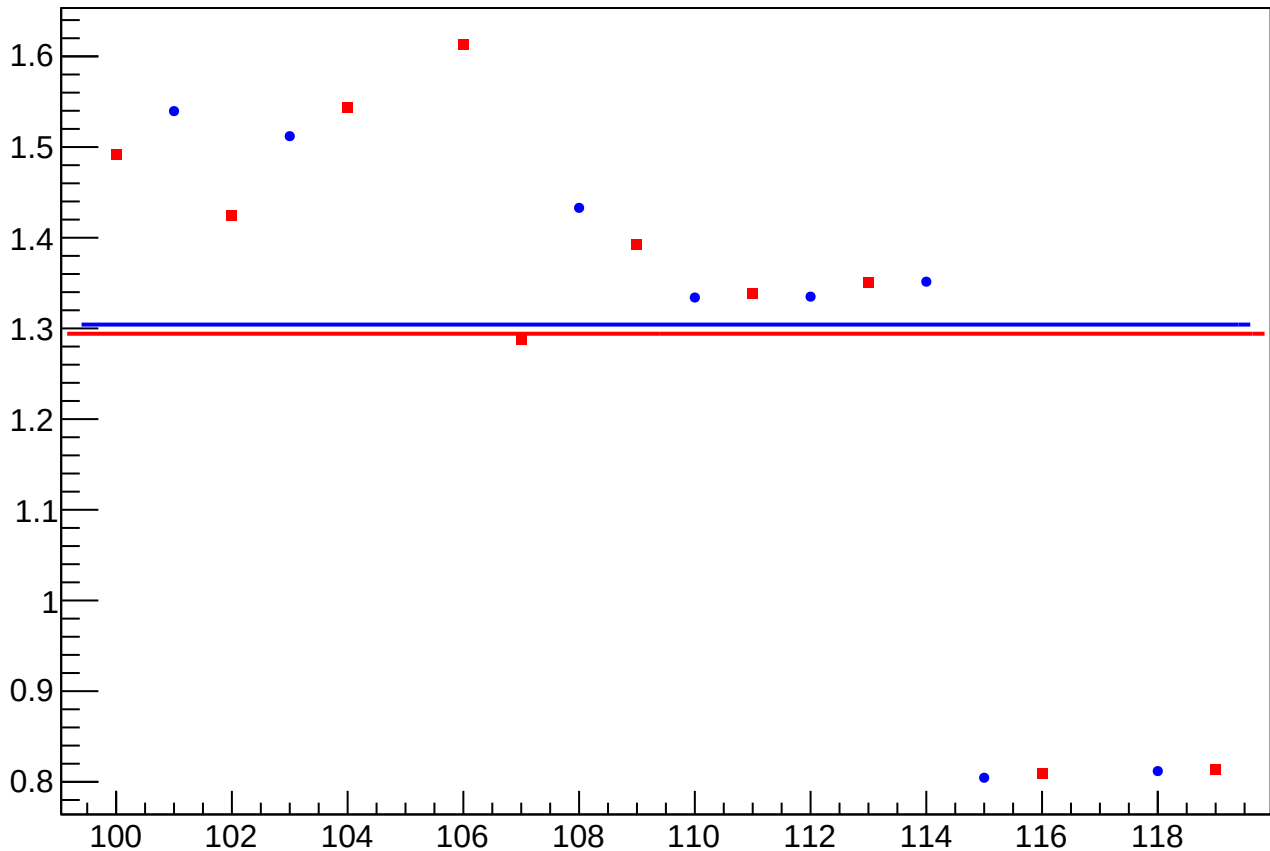
Right: 0.026+/-0.000 χ^2/NDF : 1677983.6/17

In: 0.026+/-0.000 χ^2/NDF : 703776.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1677983.6/17

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.304+/-0.000 χ^2/NDF : 745899207.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.294+/-0.000 χ^2/NDF : 813721235.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

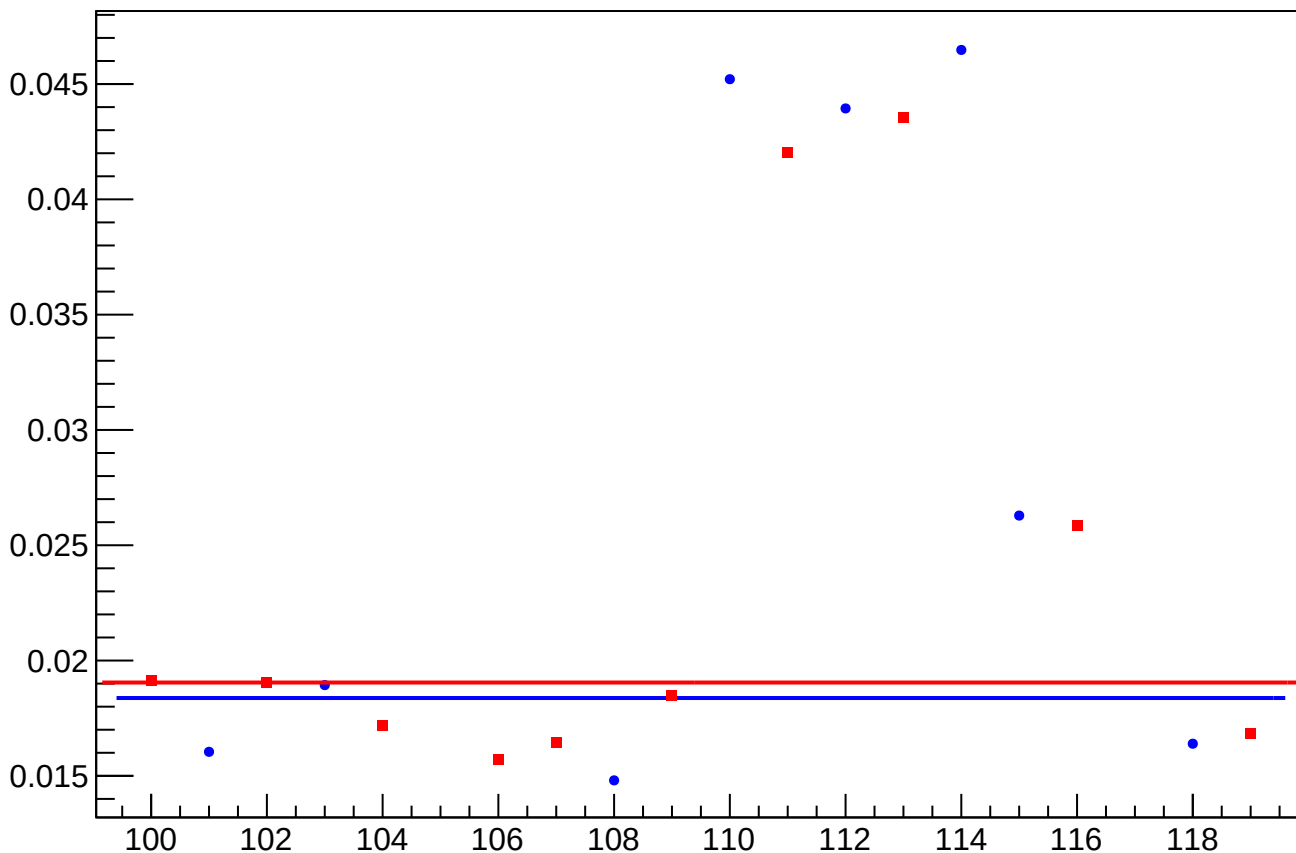
Right: 1.299+/-0.000 χ^2/NDF : 1560057771.1/17

In: 1.304+/-0.000 χ^2/NDF : 745899207.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.299+/-0.000 χ^2/NDF : 1560057771.1/17

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 731957.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.000 χ^2/NDF : 634264.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

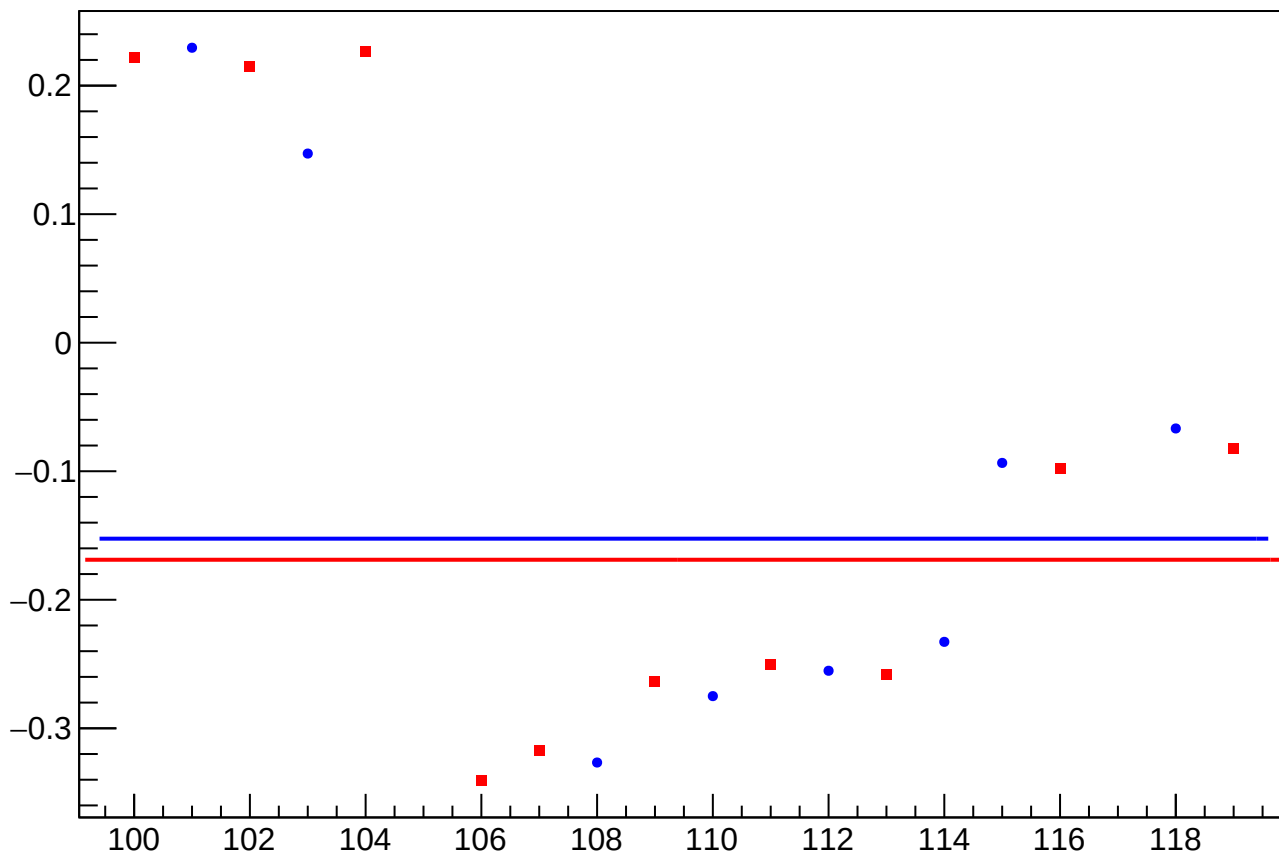
Right: 0.019+/-0.000 χ^2/NDF : 1370099.3/17

In: 0.018+/-0.000 χ^2/NDF : 731957.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1370099.3/17

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.152+/-0.000 χ^2/NDF : 113426814.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.169+/-0.000 χ^2/NDF : 107755747.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

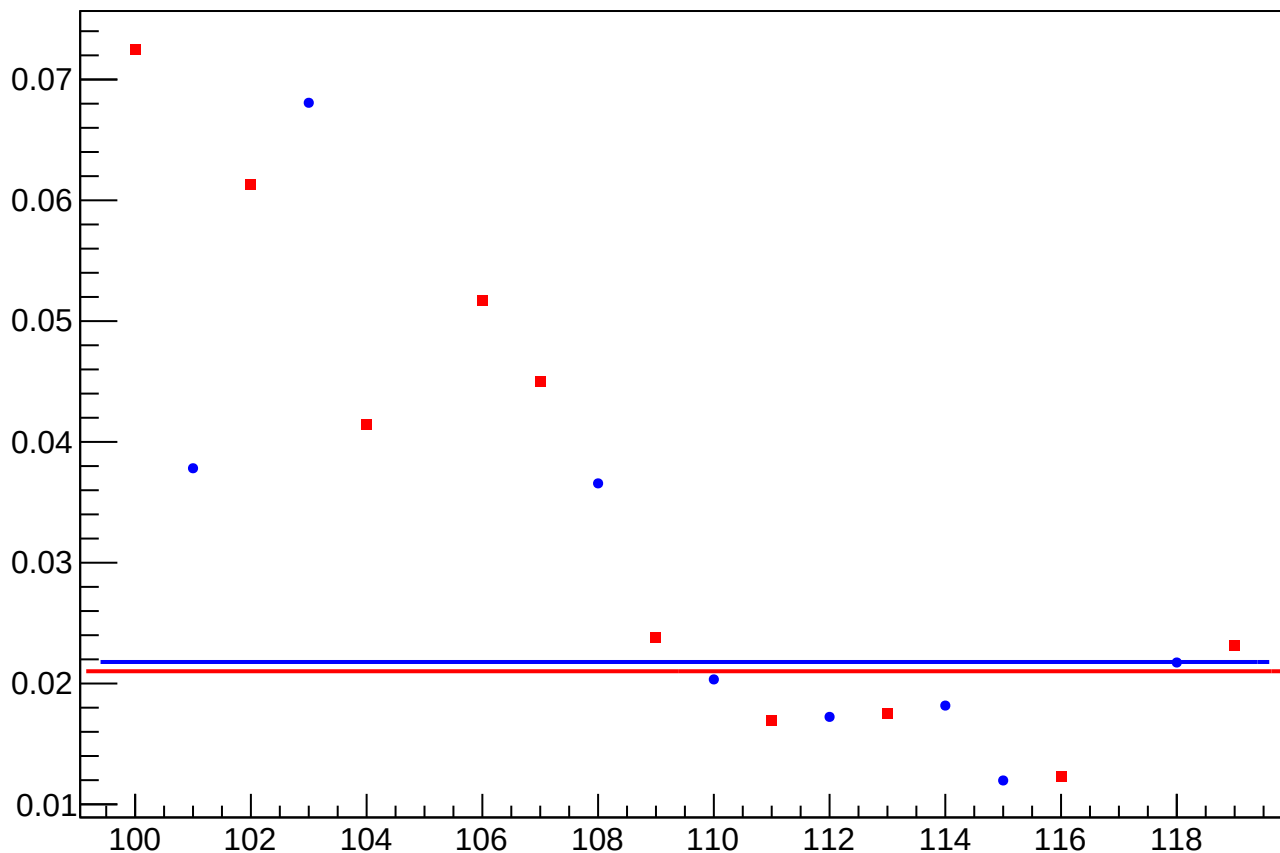
Right: -0.162+/-0.000 χ^2/NDF : 221928251.6/17

In: -0.152+/-0.000 χ^2/NDF :113426814.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.162+/-0.000 χ^2/NDF : 221928251.6/17

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 1038061.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1343281.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

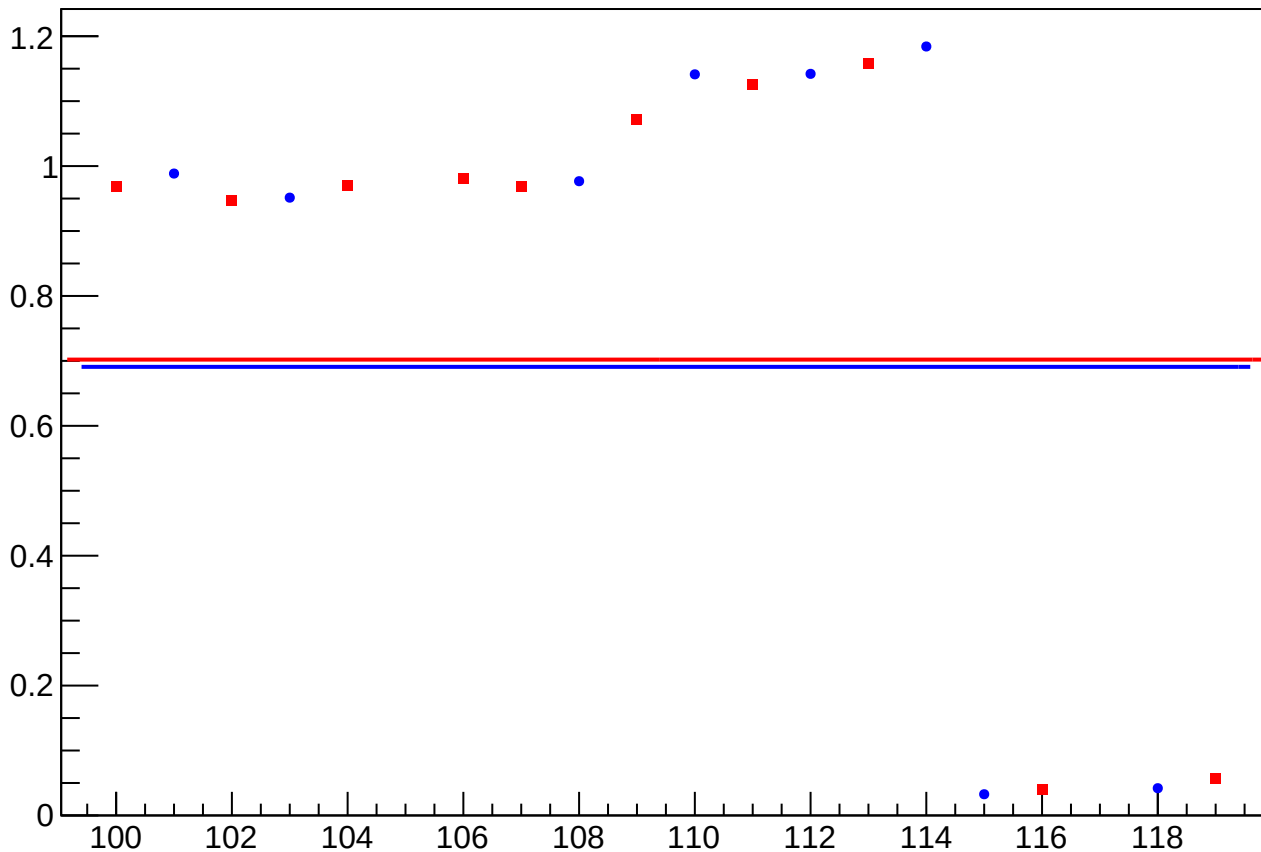
Right: 0.021+/-0.000 χ^2/NDF : 2384607.7/17

In: 0.022+/-0.000 χ^2/NDF : 1038061.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 2384607.7/17

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.691+/-0.000

χ^2/NDF : 2565216890.2/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.697+/-0.000

χ^2/NDF : 5279205707.2/17

Right Out: 0.702+/-0.000

χ^2/NDF : 2713124050.6/9

In: 0.691+/-0.000

χ^2/NDF : 2565216890.2/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

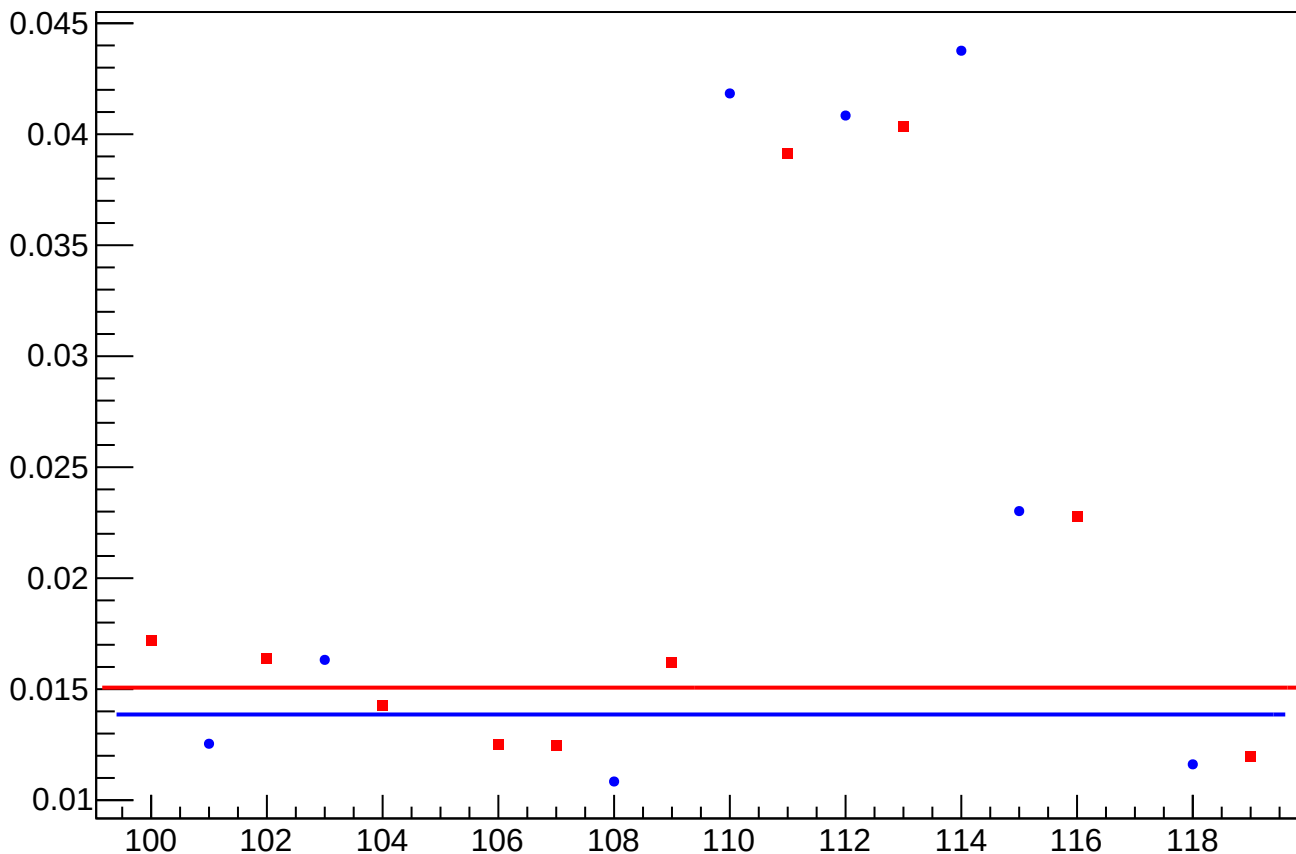
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.697+/-0.000

χ^2/NDF : 5279205707.2/17

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 971381.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 855543.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

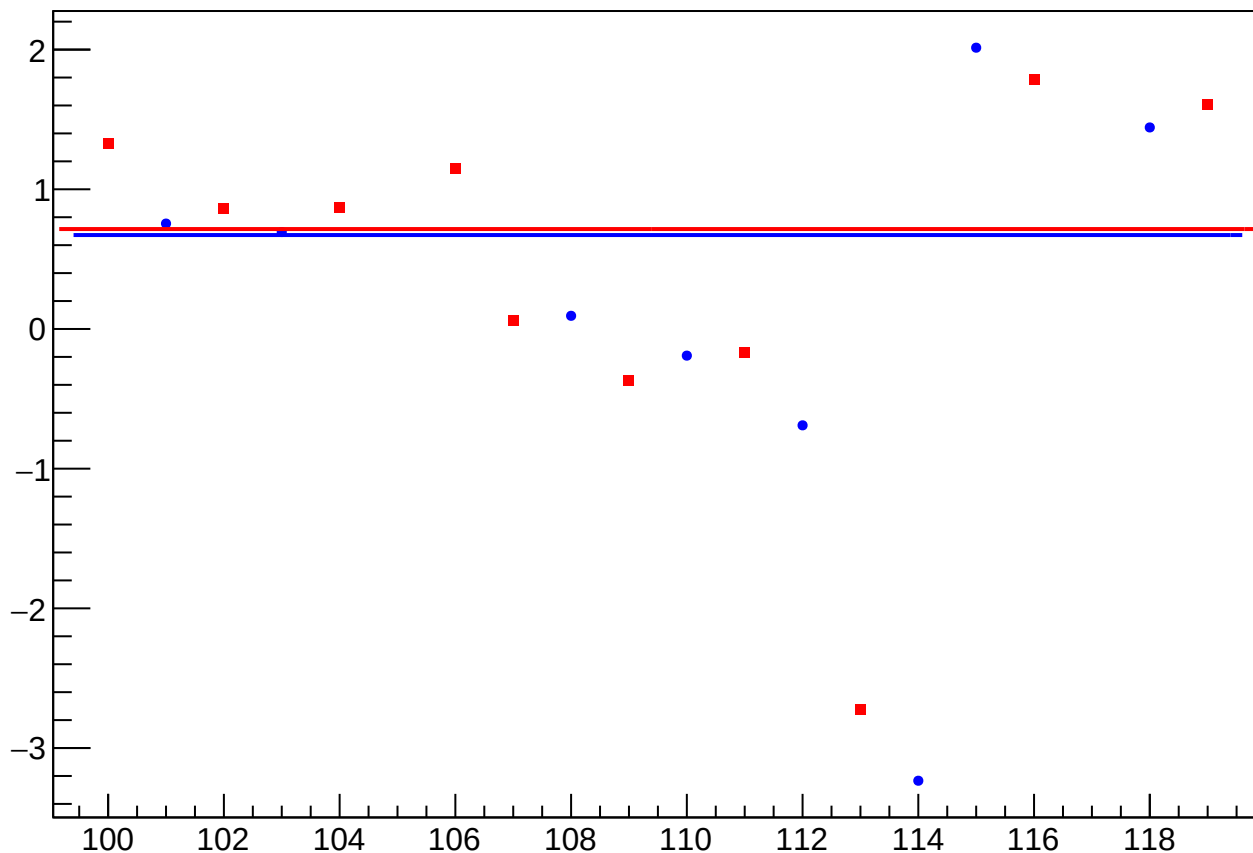
Right: 0.014+/-0.000 χ^2/NDF : 1847175.2/17

In: 0.014+/-0.000 χ^2/NDF :971381.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1847175.2/17

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.672+/-0.000 χ^2/NDF : 321612159.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.715+/-0.000 χ^2/NDF : 982596983.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

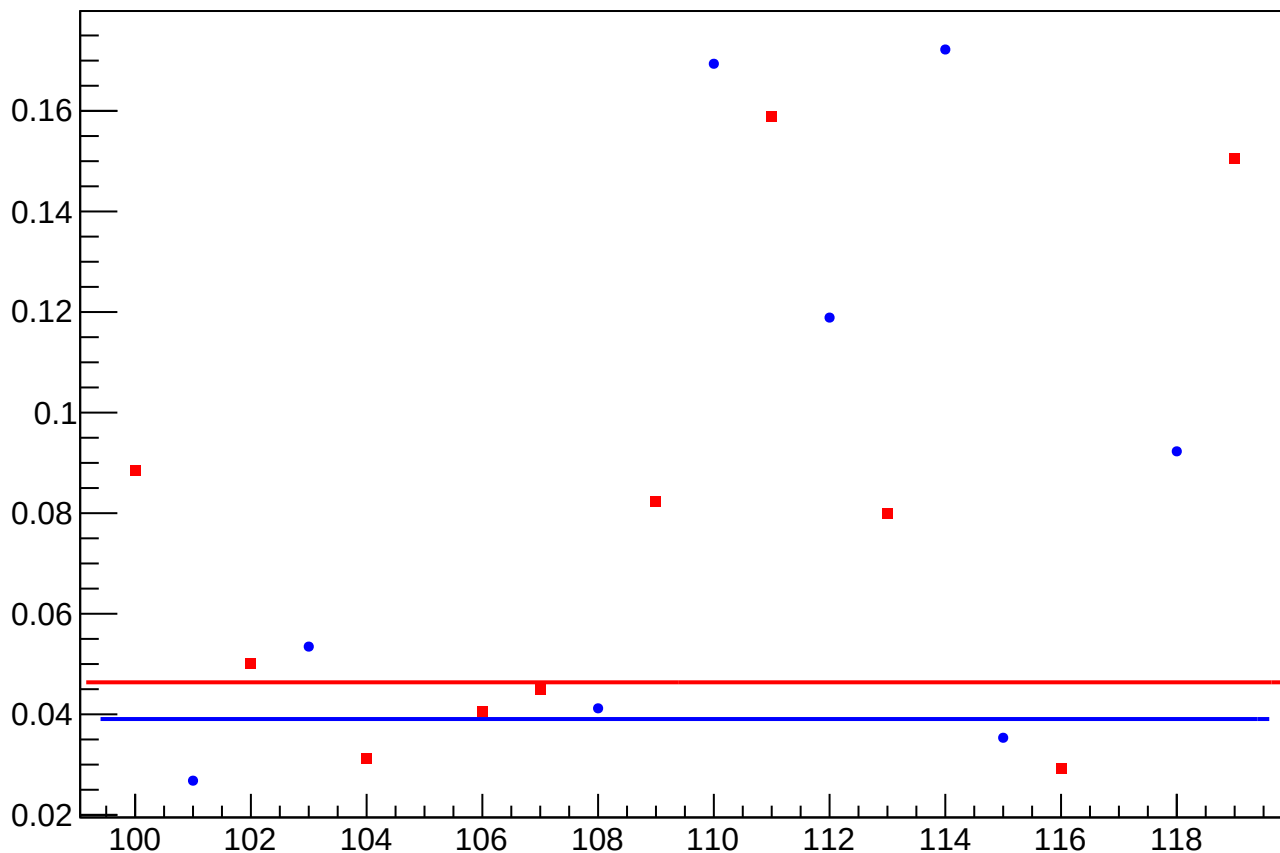
Right: 0.693+/-0.000 χ^2/NDF : 1305325729.8/17

In: 0.672+/-0.000 χ^2/NDF :321612159.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.693+/-0.000 χ^2/NDF : 1305325729.8/17

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.039+/-0.000 χ^2/NDF : 1463007.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.046+/-0.000 χ^2/NDF : 1495334.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

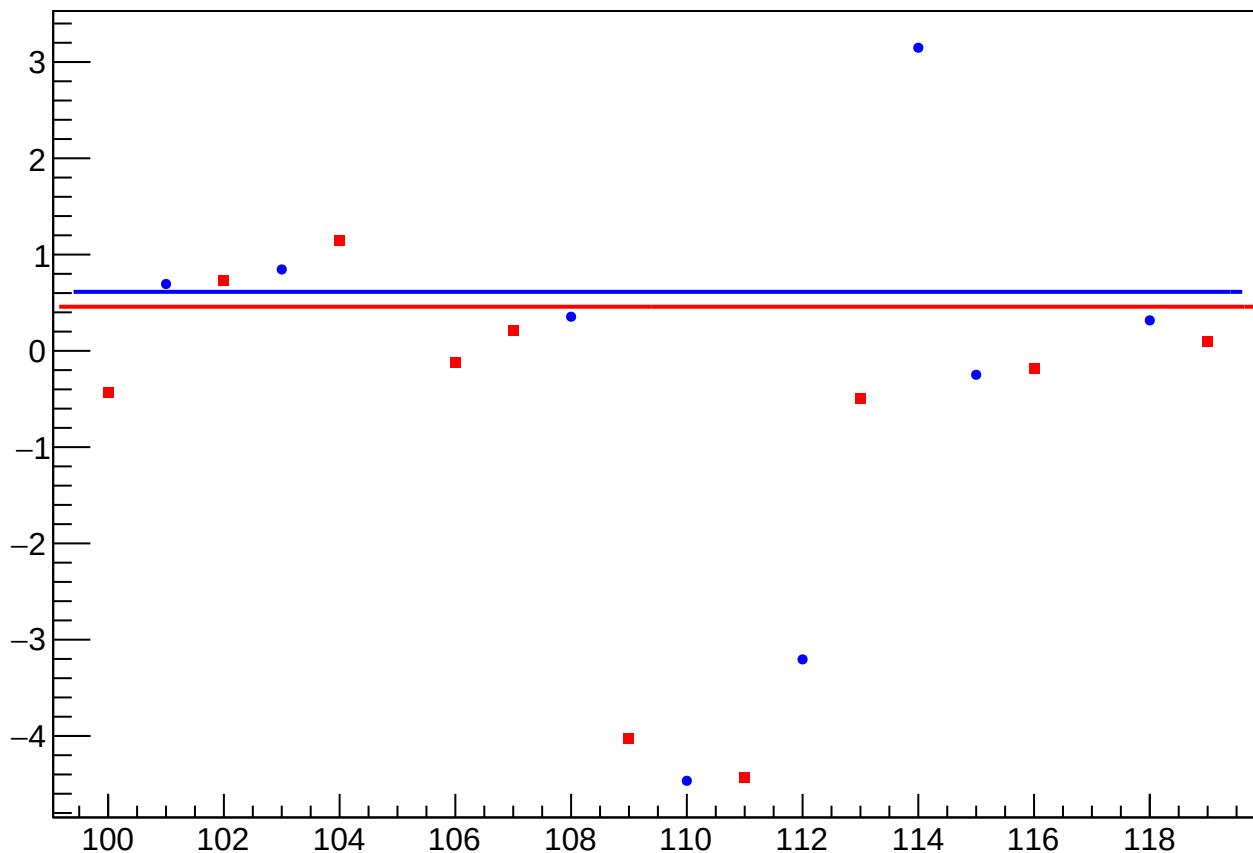
Right: 0.042+/-0.000 χ^2/NDF : 3022982.5/17

In: 0.039+/-0.000 χ^2/NDF :1463007.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.042+/-0.000 χ^2/NDF : 3022982.5/17

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.613+/-0.000 χ^2/NDF : 1342966656.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.458+/-0.000 χ^2/NDF : 3699867404.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

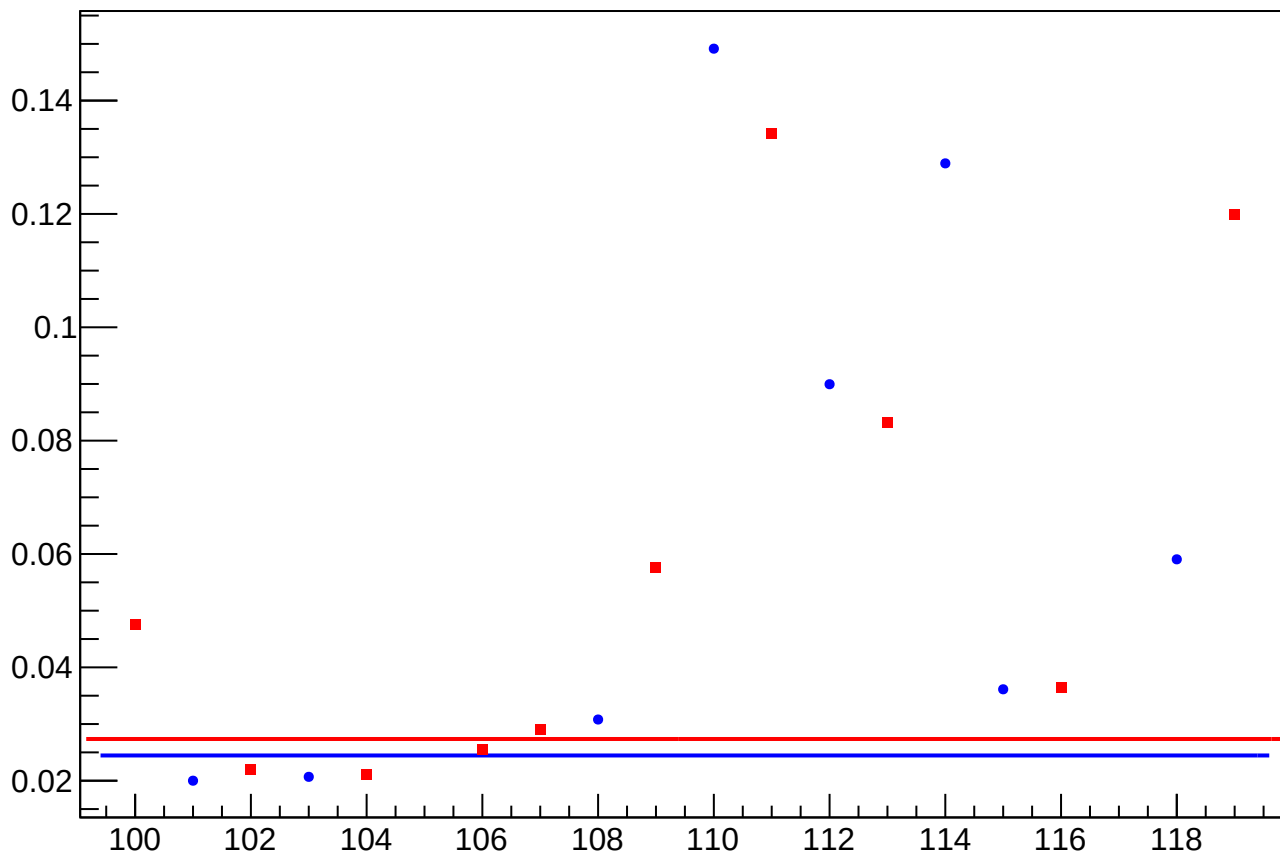
Right: 0.536+/-0.000 χ^2/NDF : 5081716539.3/17

In: 0.613+/-0.000 χ^2/NDF :1342966656.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.536+/-0.000 χ^2/NDF : 5081716539.3/17

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 1392834.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.027+/-0.000 χ^2/NDF : 1882167.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

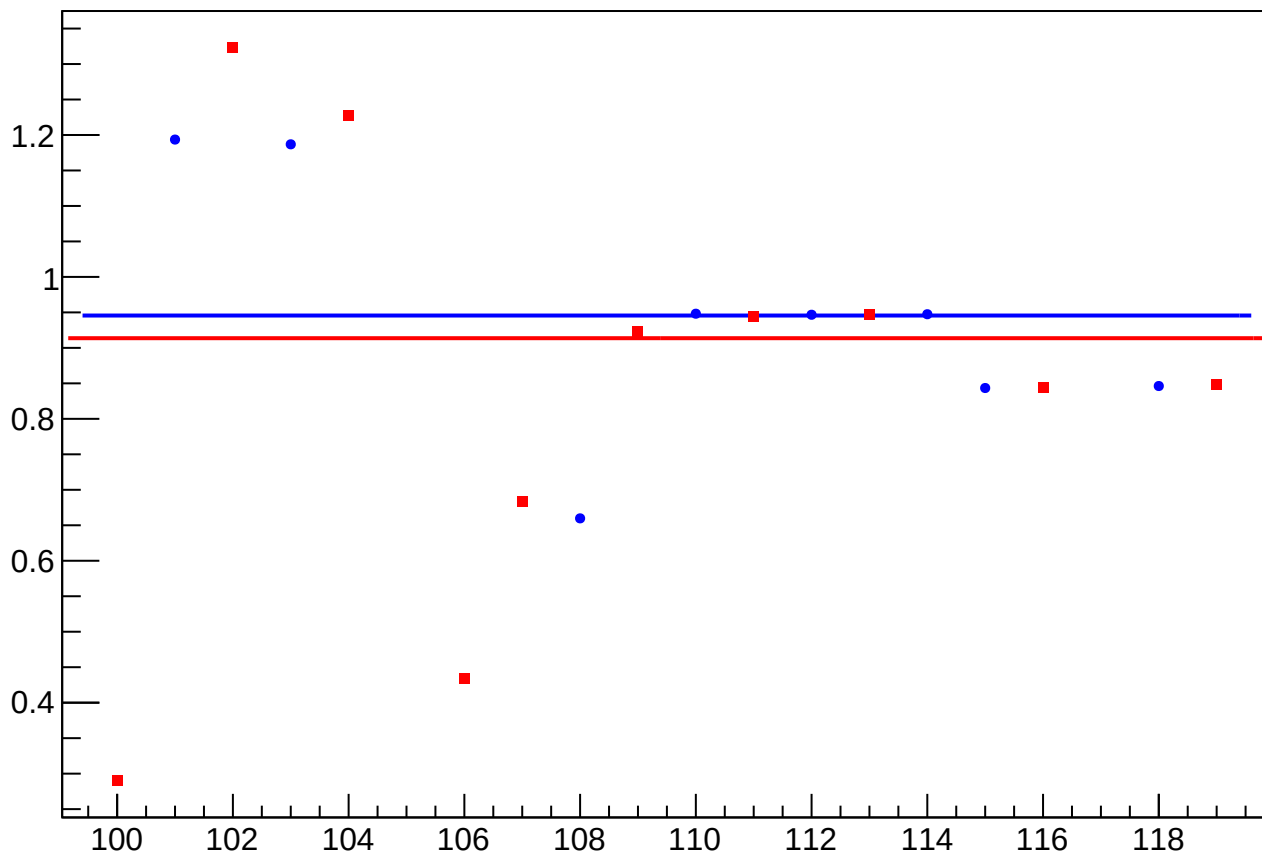
Right: 0.026+/-0.000 χ^2/NDF : 3302506.8/17

In: 0.024+/-0.000 χ^2/NDF : 1392834.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 3302506.8/17

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.946+/-0.000 χ^2/NDF : 278847109.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.914+/-0.000 χ^2/NDF : 467312500.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

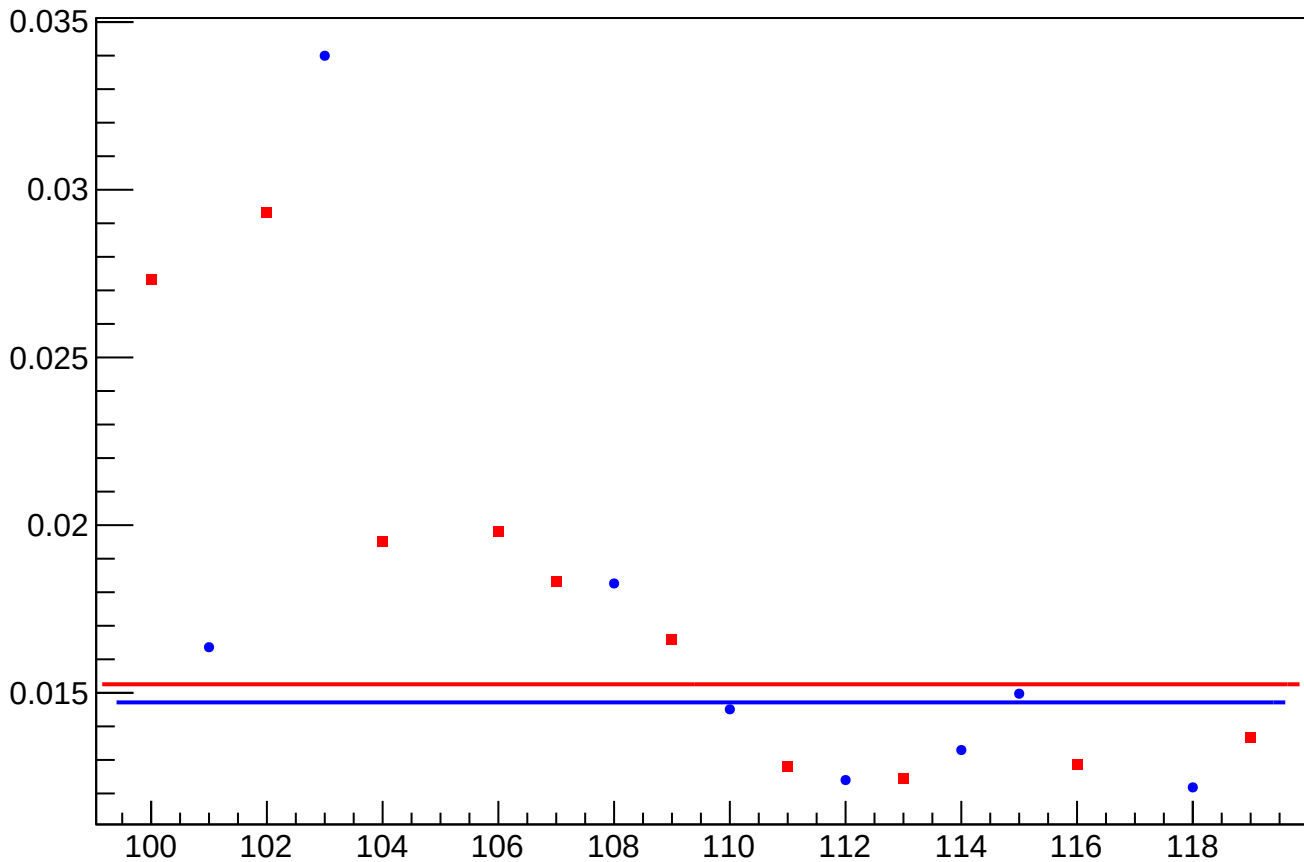
Right: 0.928+/-0.000 χ^2/NDF : 753009541.9/17

In: 0.946+/-0.000 χ^2/NDF : 278847109.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.928+/-0.000 χ^2/NDF : 753009541.9/17

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 476590.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 474430.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

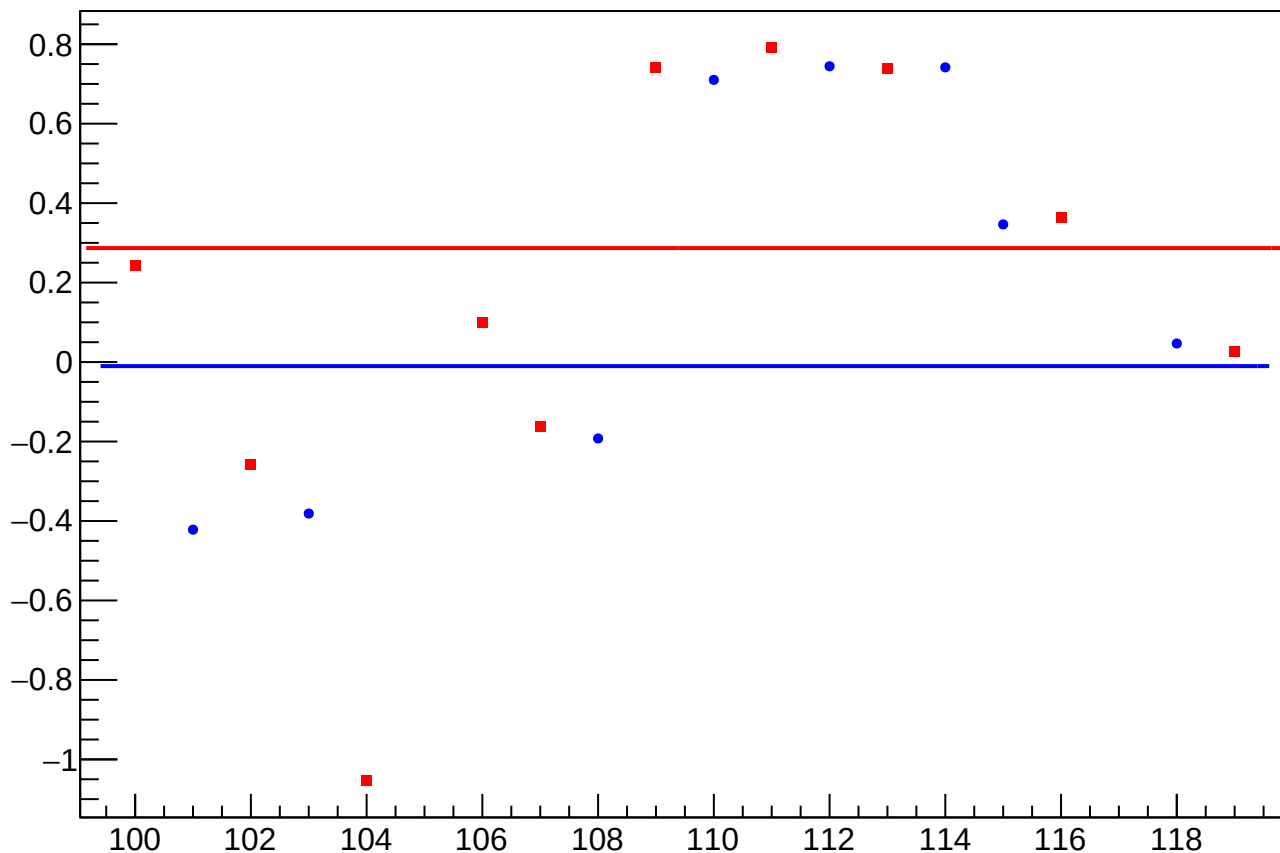
Right: 0.015+/-0.000 χ^2/NDF : 954933.9/17

In: 0.015+/-0.000 χ^2/NDF :476590.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 954933.9/17

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.000

χ^2/NDF : 1817350743.4/7

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.287+/-0.000

χ^2/NDF : 5983490950.9/9

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.189+/-0.000

χ^2/NDF : 8272883703.6/17

In: -0.010+/-0.000

χ^2/NDF : 1817350743.4/7

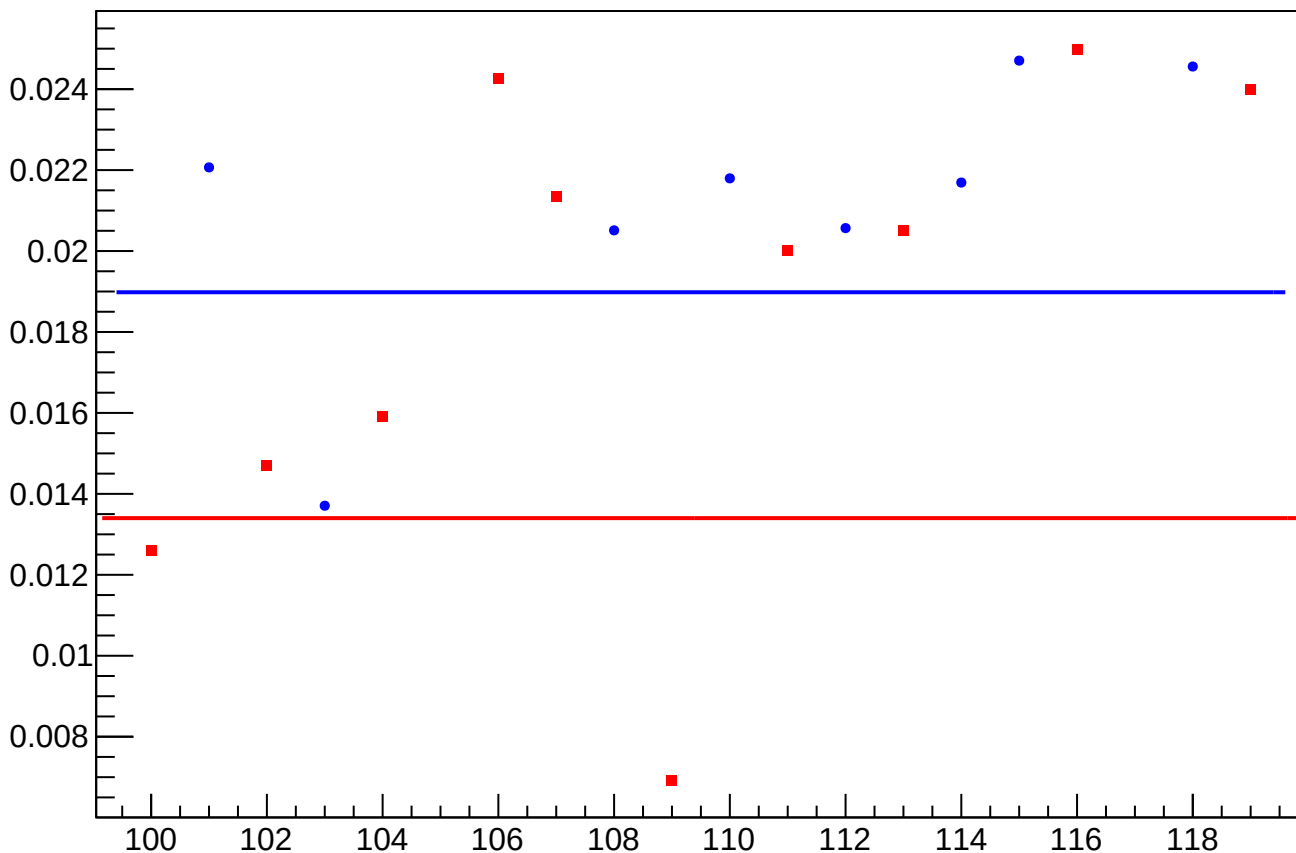
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.189+/-0.000

χ^2/NDF : 8272883703.6/17

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 278201.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1312975.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

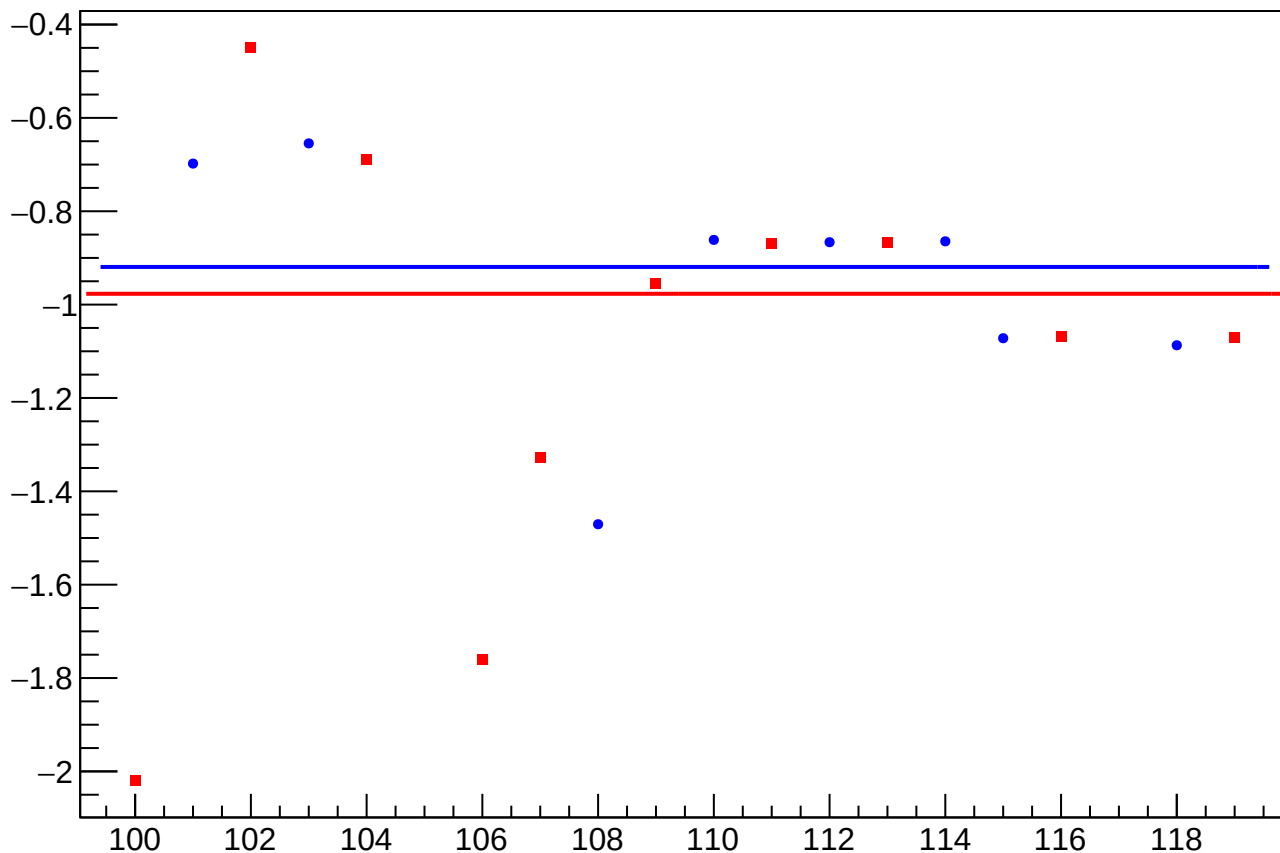
Right: 0.015+/-0.000 χ^2/NDF : 1924366.8/17

In: 0.019+/-0.000 χ^2/NDF : 278201.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1924366.8/17

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.919+/-0.000 χ^2/NDF : 113071139.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.977+/-0.000 χ^2/NDF : 232071605.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

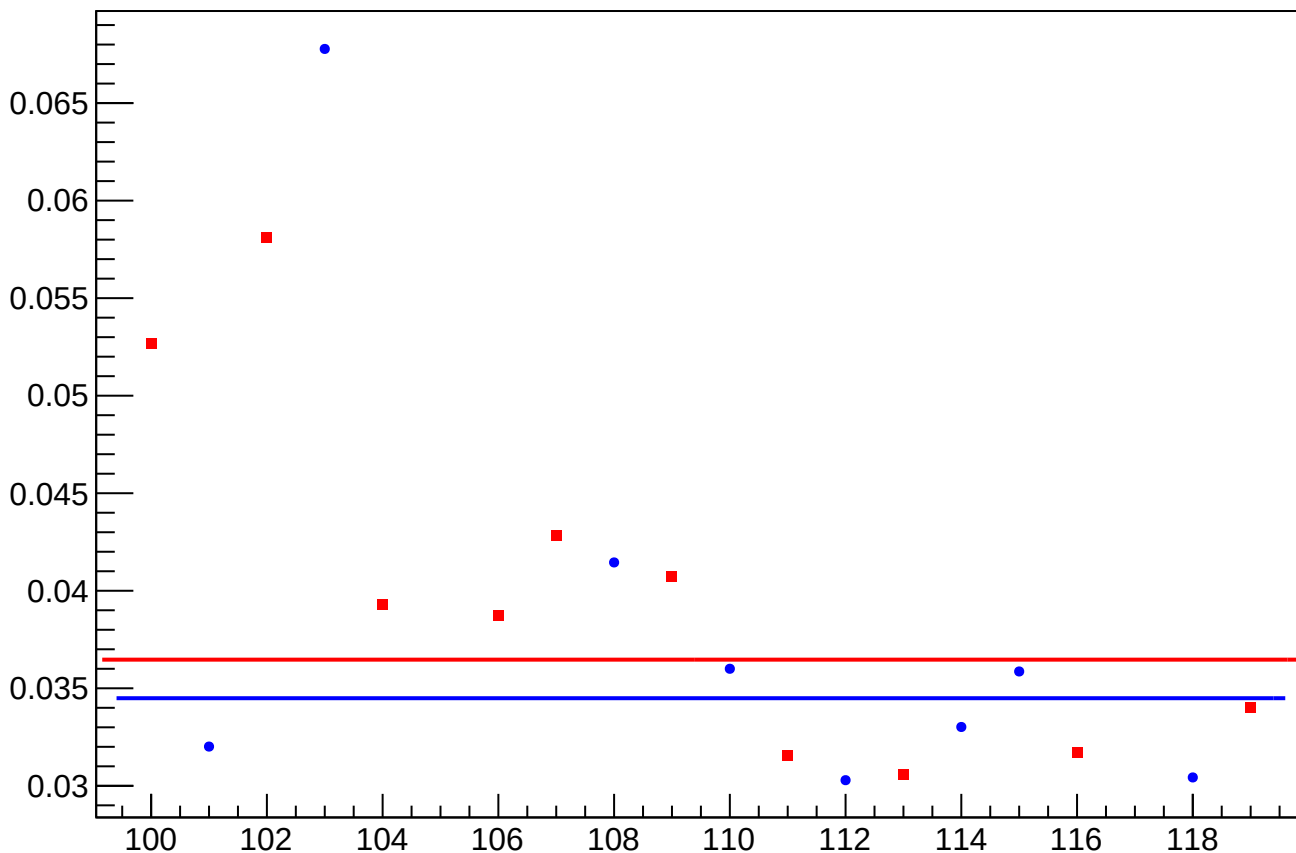
Right: -0.949+/-0.000 χ^2/NDF : 349186856.5/17

In: -0.919+/-0.000 χ^2/NDF :113071139.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.949+/-0.000 χ^2/NDF : 349186856.5/17

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 329360.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 257147.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

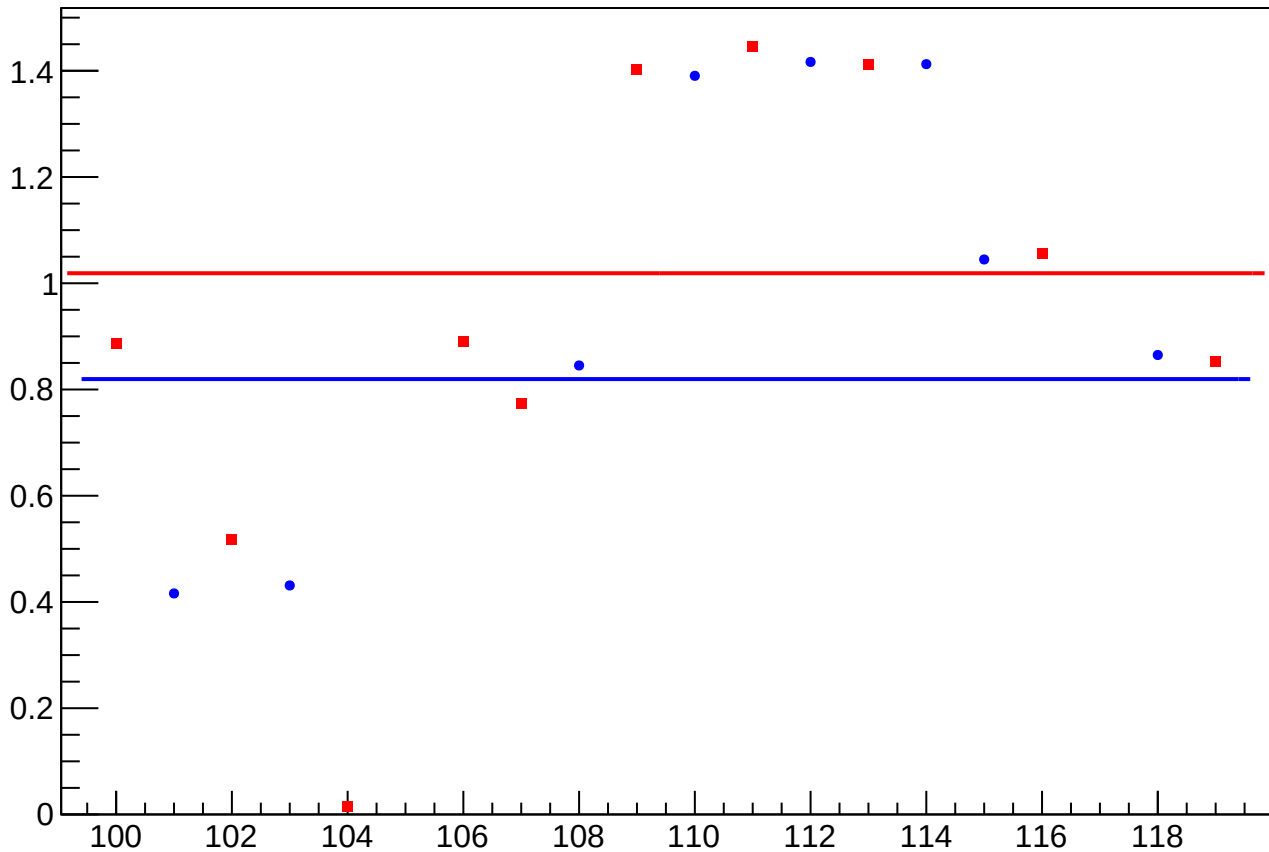
Right: 0.036+/-0.000 χ^2/NDF : 596062.2/17

In: 0.034+/-0.000 χ^2/NDF :329360.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.036+/-0.000 χ^2/NDF : 596062.2/17

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.820+/-0.000 χ^2/NDF : 2880122363.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.019+/-0.000 χ^2/NDF : 6819919880.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

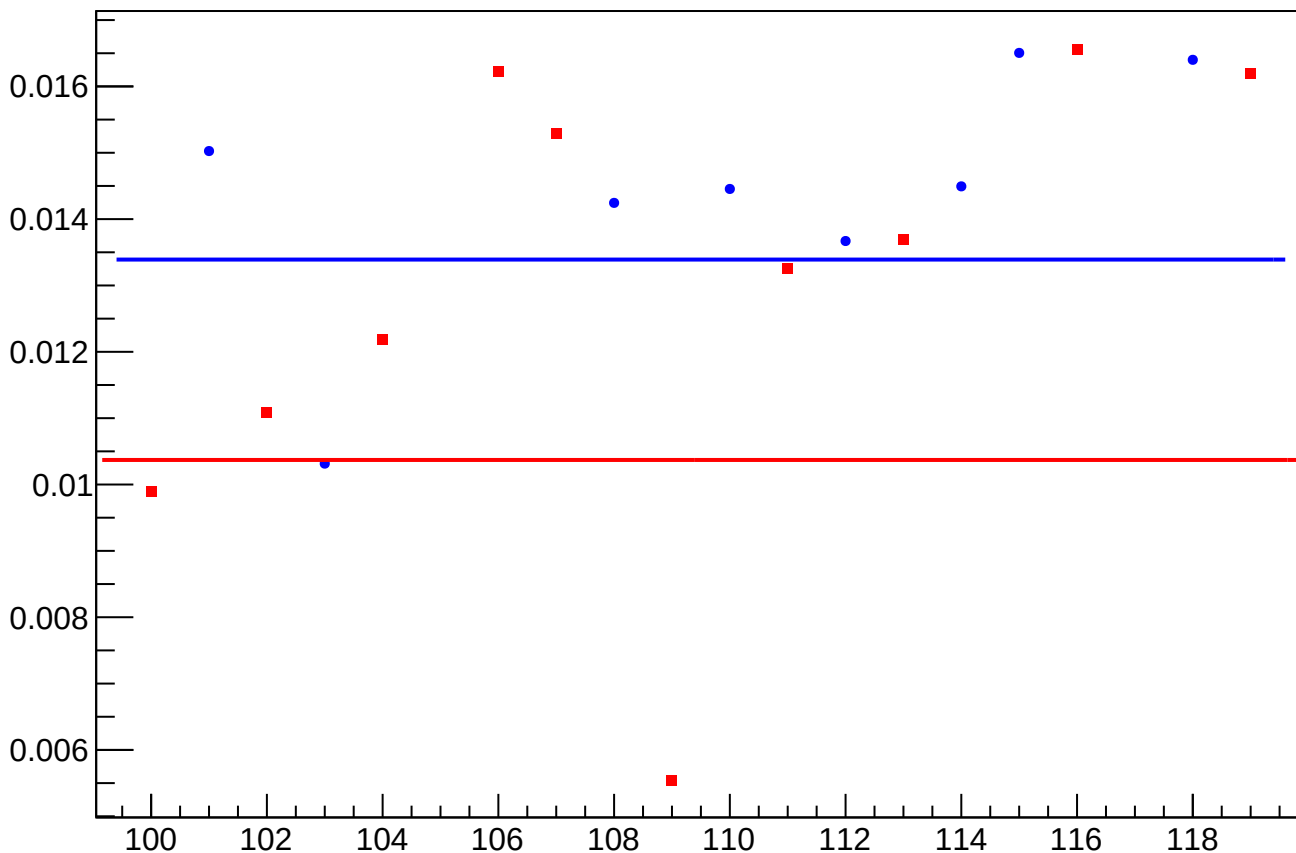
Right: 0.947+/-0.000 χ^2/NDF : 10113773195.8/17

In: 0.820+/-0.000 χ^2/NDF : 2880122363.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.947+/-0.000 χ^2/NDF : 10113773195.8/17

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 164400.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 945332.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

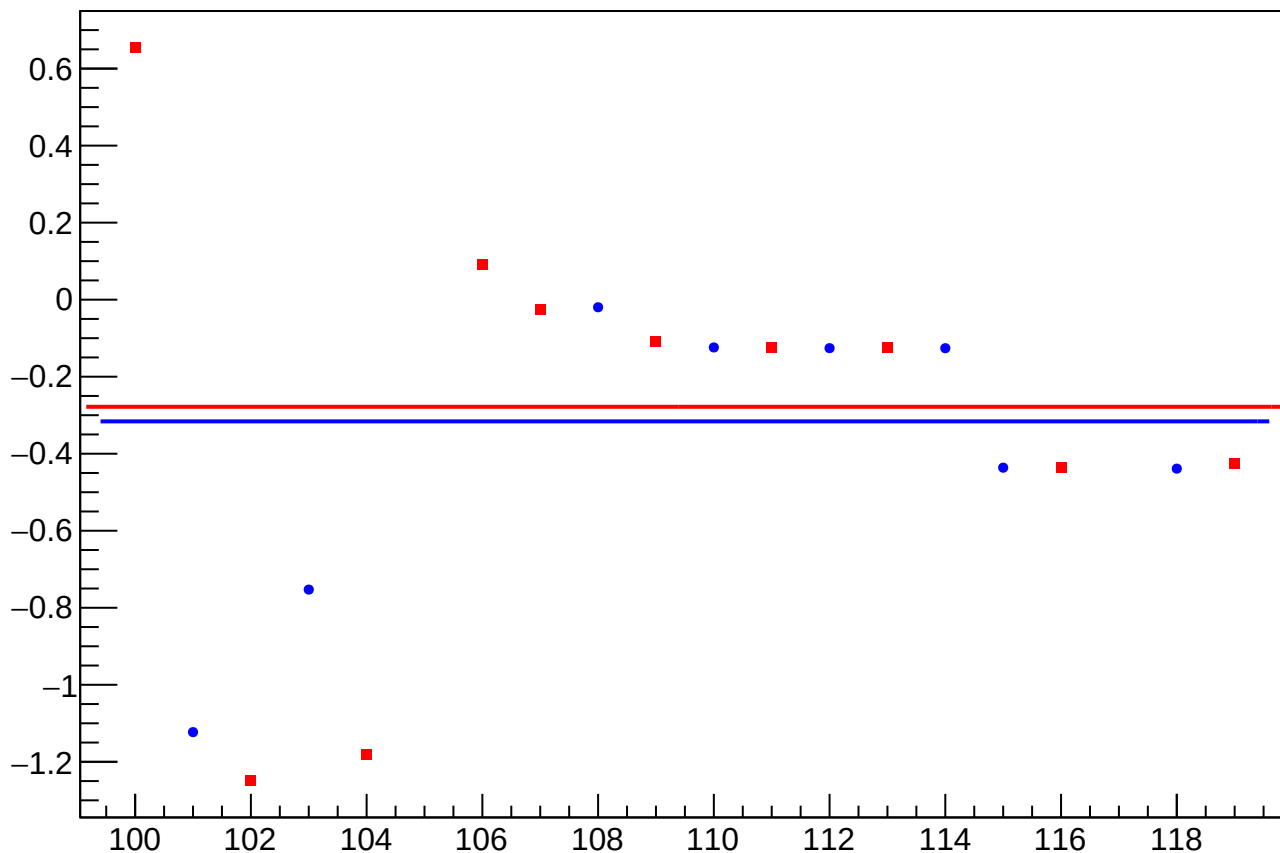
Right: 0.011+/-0.000 χ^2/NDF : 1299803.5/17

In: 0.013+/-0.000 χ^2/NDF :164400.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1299803.5/17

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.316+/-0.000 χ^2/NDF : 610602111.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.278+/-0.000 χ^2/NDF : 640324463.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

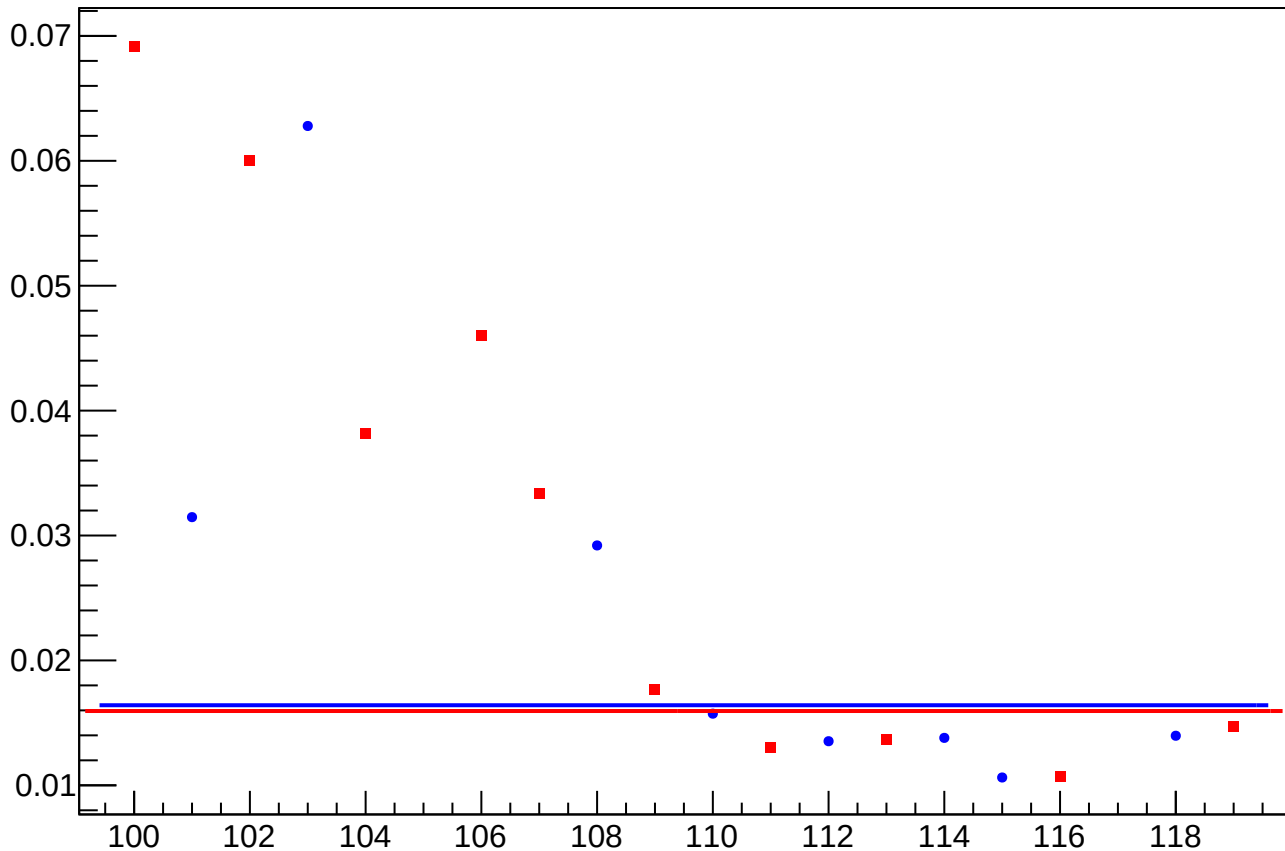
Right: -0.295+/-0.000 χ^2/NDF : 1257538164.0/17

In: -0.316+/-0.000 χ^2/NDF : 610602111.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.295+/-0.000 χ^2/NDF : 1257538164.0/1

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 1091530.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1435526.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

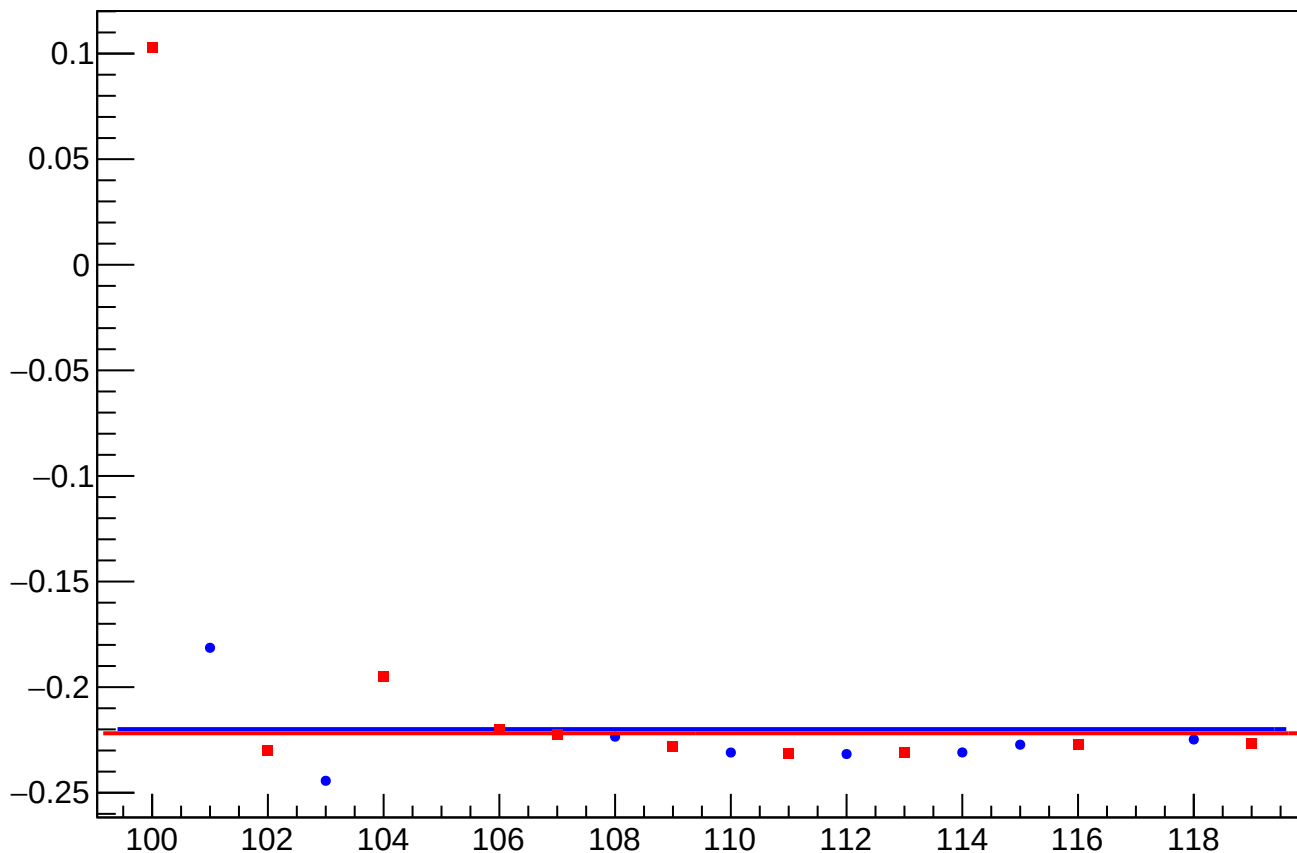
Right: 0.016+/-0.000 χ^2/NDF : 2529020.1/17

In: 0.016+/-0.000 χ^2/NDF : 1091530.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2529020.1/17

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.220+/-0.000 χ^2/NDF : 49461078.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.222+/-0.000 χ^2/NDF : 156701411.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

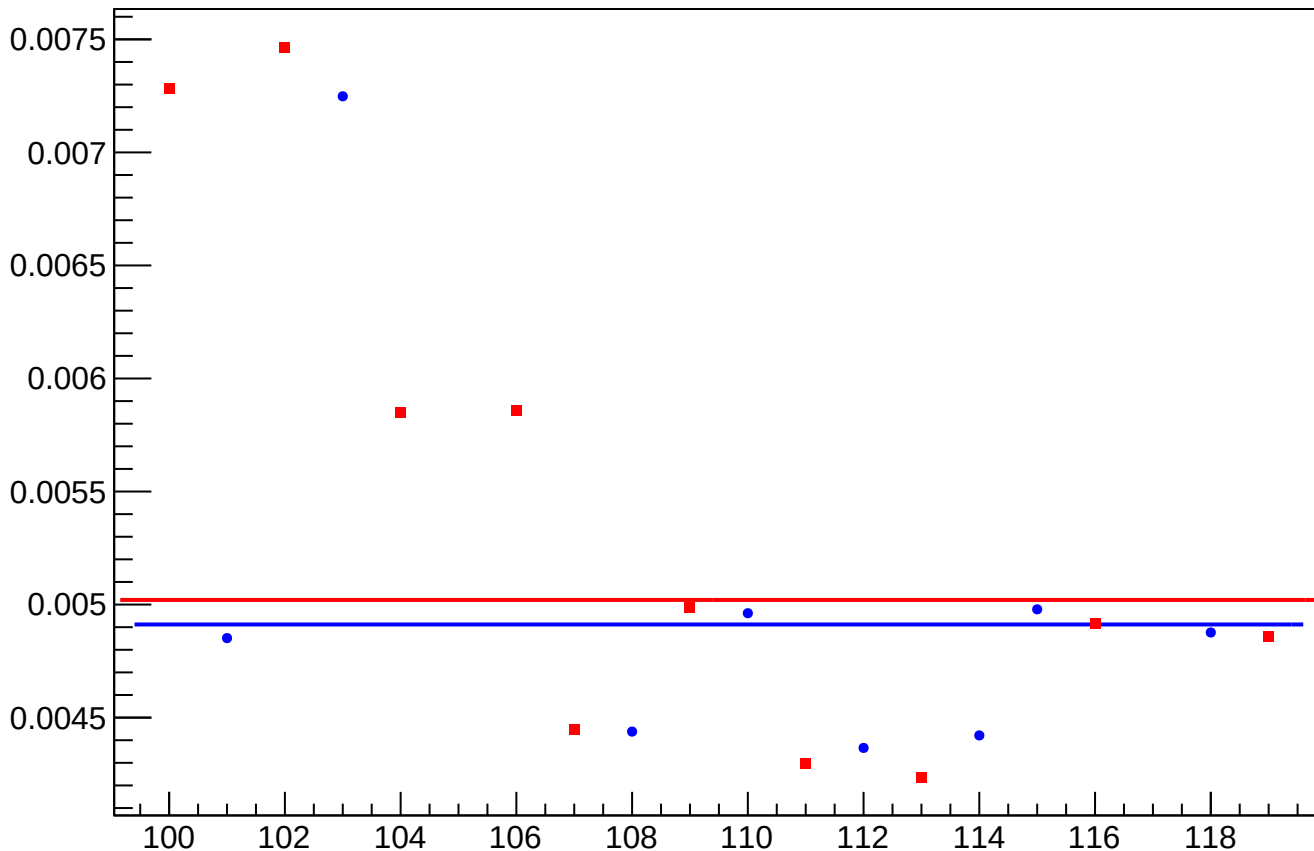
Right: -0.221+/-0.000 χ^2/NDF : 206419501.1/17

In: -0.220+/-0.000 χ^2/NDF : 49461078.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.221+/-0.000 χ^2/NDF : 206419501.1/17

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 141407.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 233502.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

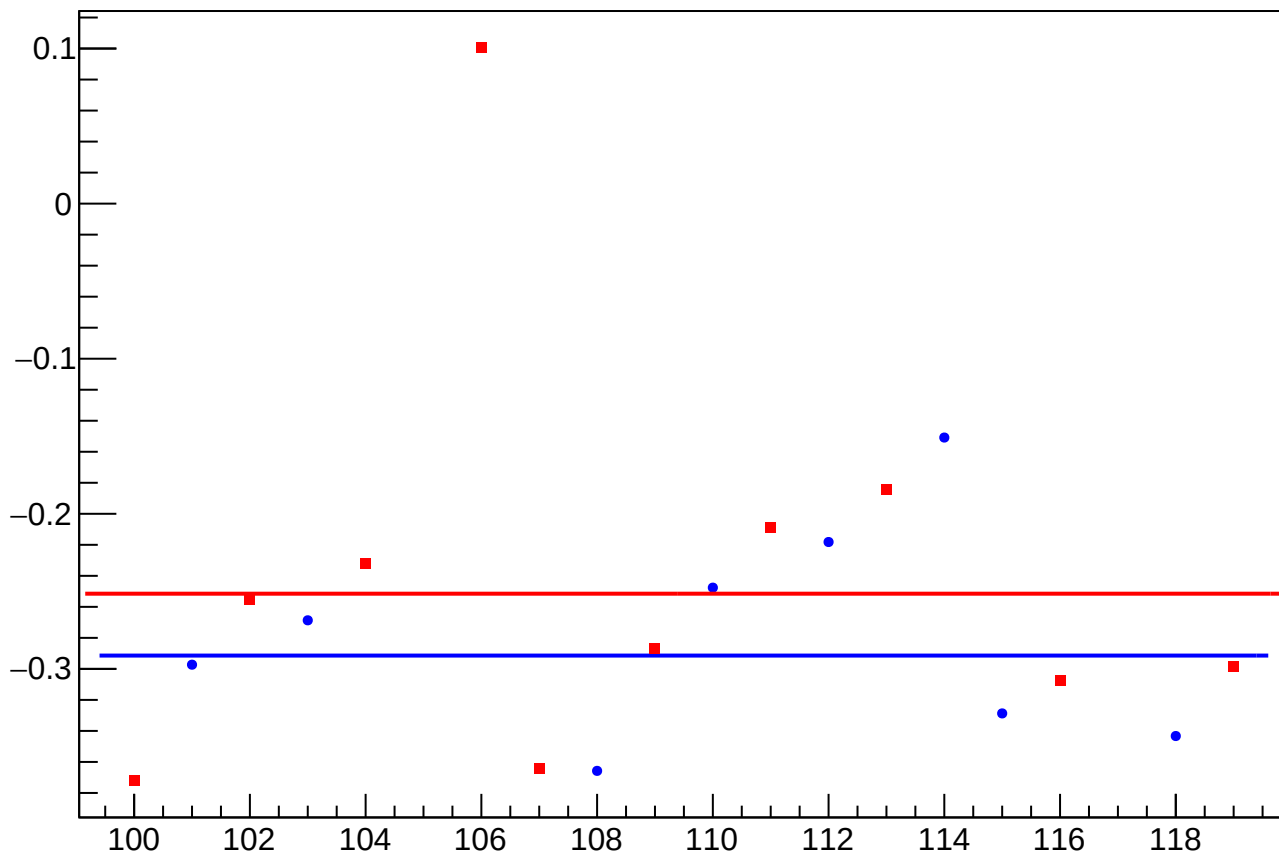
Right: 0.005+/-0.000 χ^2/NDF : 376458.6/17

In: 0.005+/-0.000 χ^2/NDF :141407.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 376458.6/17

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.291+/-0.000 χ^2/NDF : 217900529.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.252+/-0.000 χ^2/NDF : 618653998.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

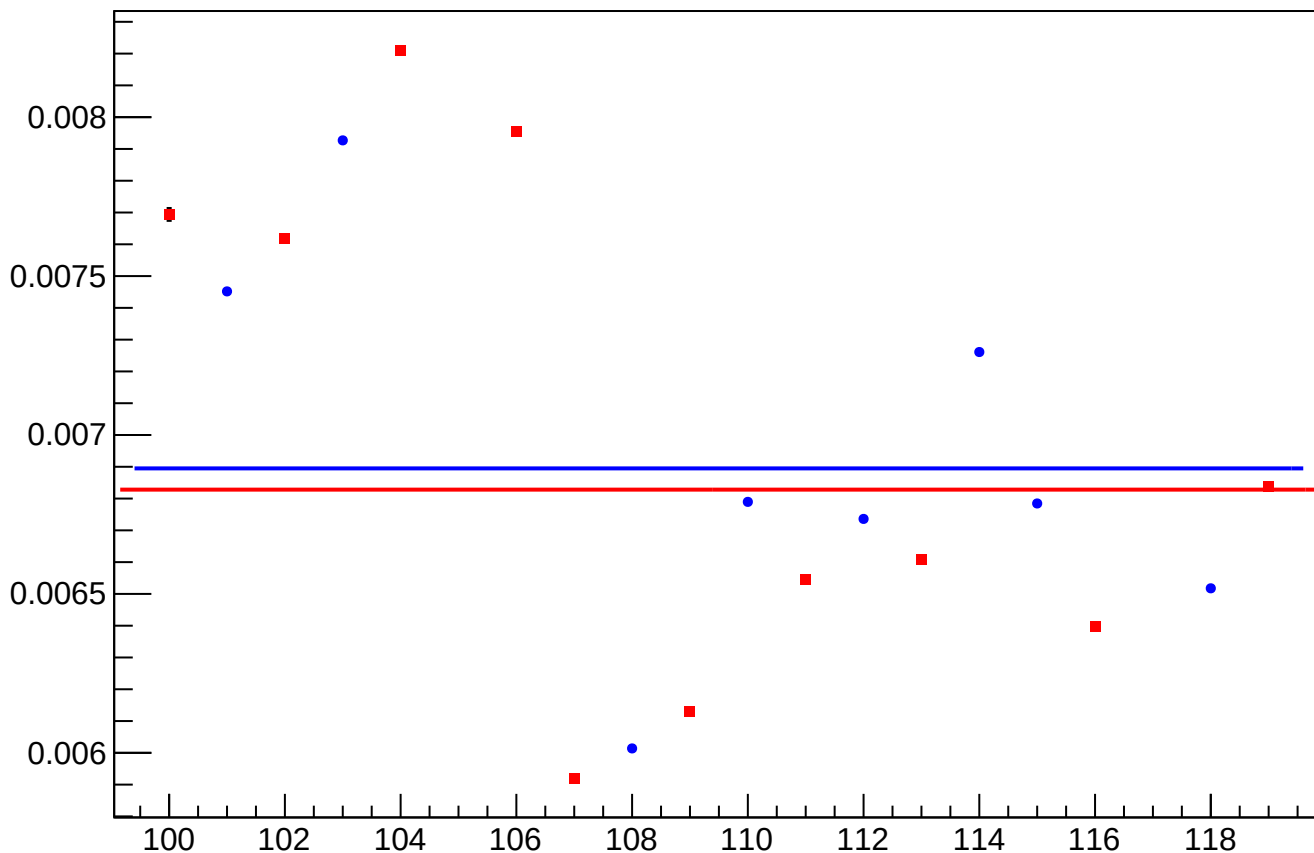
Right: -0.269+/-0.000 χ^2/NDF : 896350504.7/17

In: -0.291+/-0.000 χ^2/NDF : 217900529.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.269+/-0.000 χ^2/NDF : 896350504.7/17

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 49180.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 82094.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

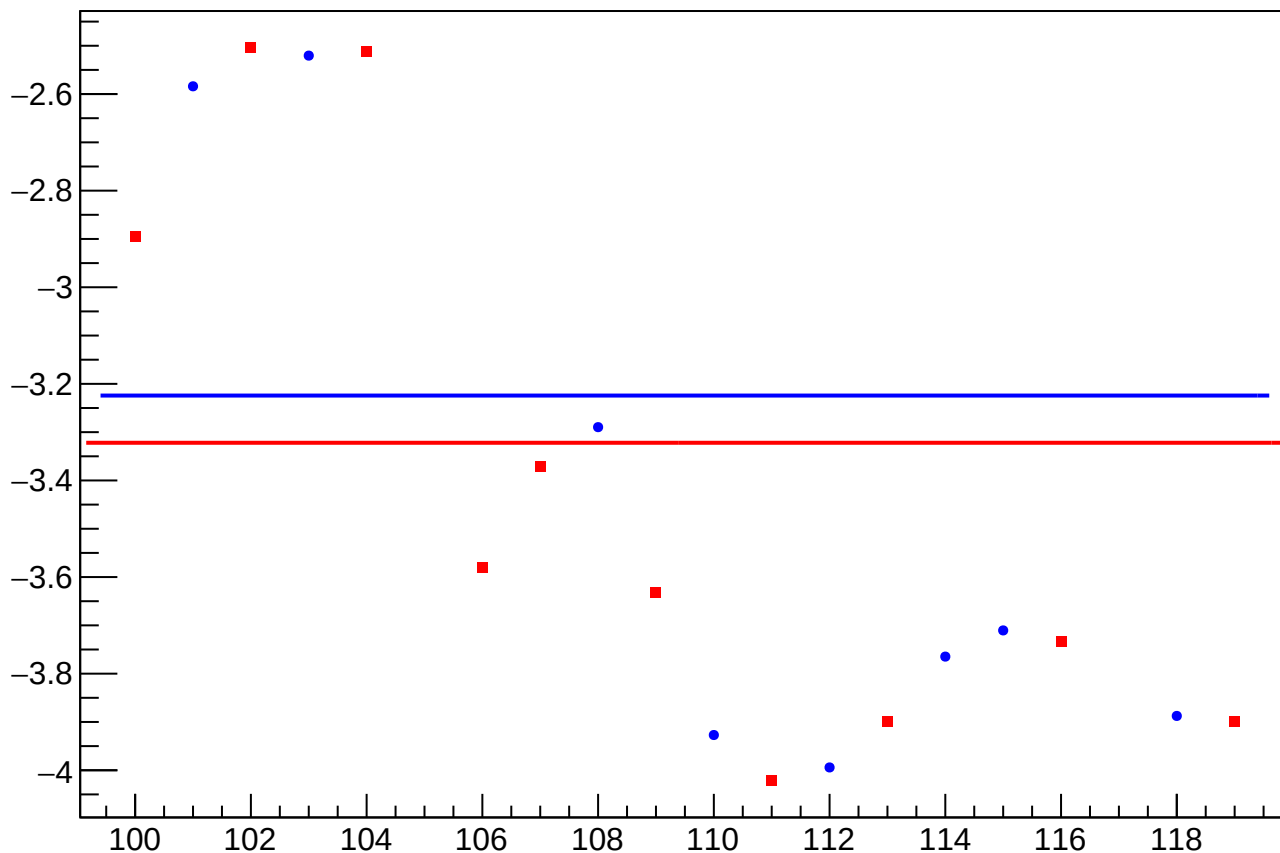
Right: 0.007+/-0.000 χ^2/NDF : 131610.3/17

In: 0.007+/-0.000 χ^2/NDF :49180.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 131610.3/17

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.224+/-0.000 χ^2/NDF : 22112187371.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.322+/-0.000 χ^2/NDF : 23942777006.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

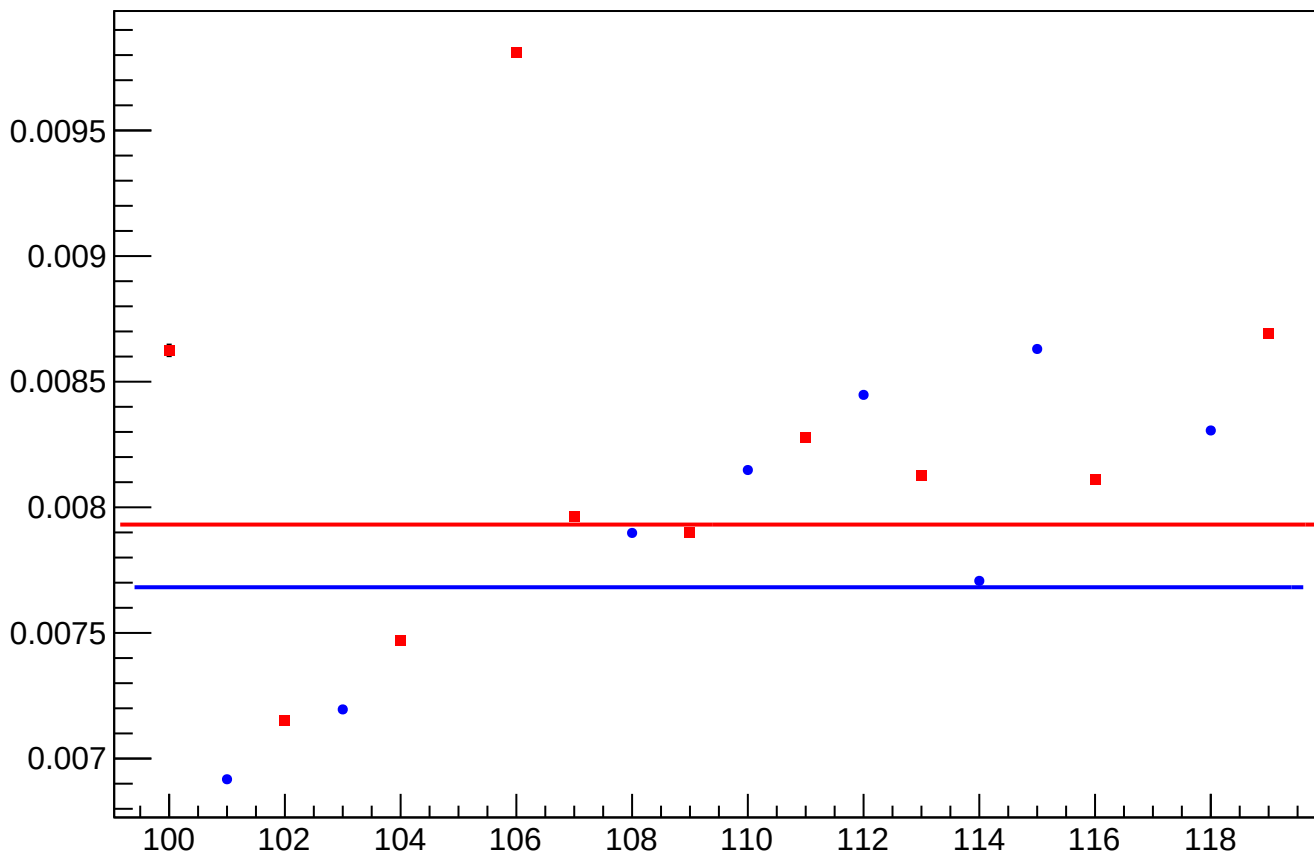
Right: -3.276+/-0.000 χ^2/NDF : 46329679870.3/17

In: -3.224+/-0.000 χ^2/NDF : 22112187371.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.276+/-0.000 χ^2/NDF : 46329679870.3/17

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 41053.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 42604.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

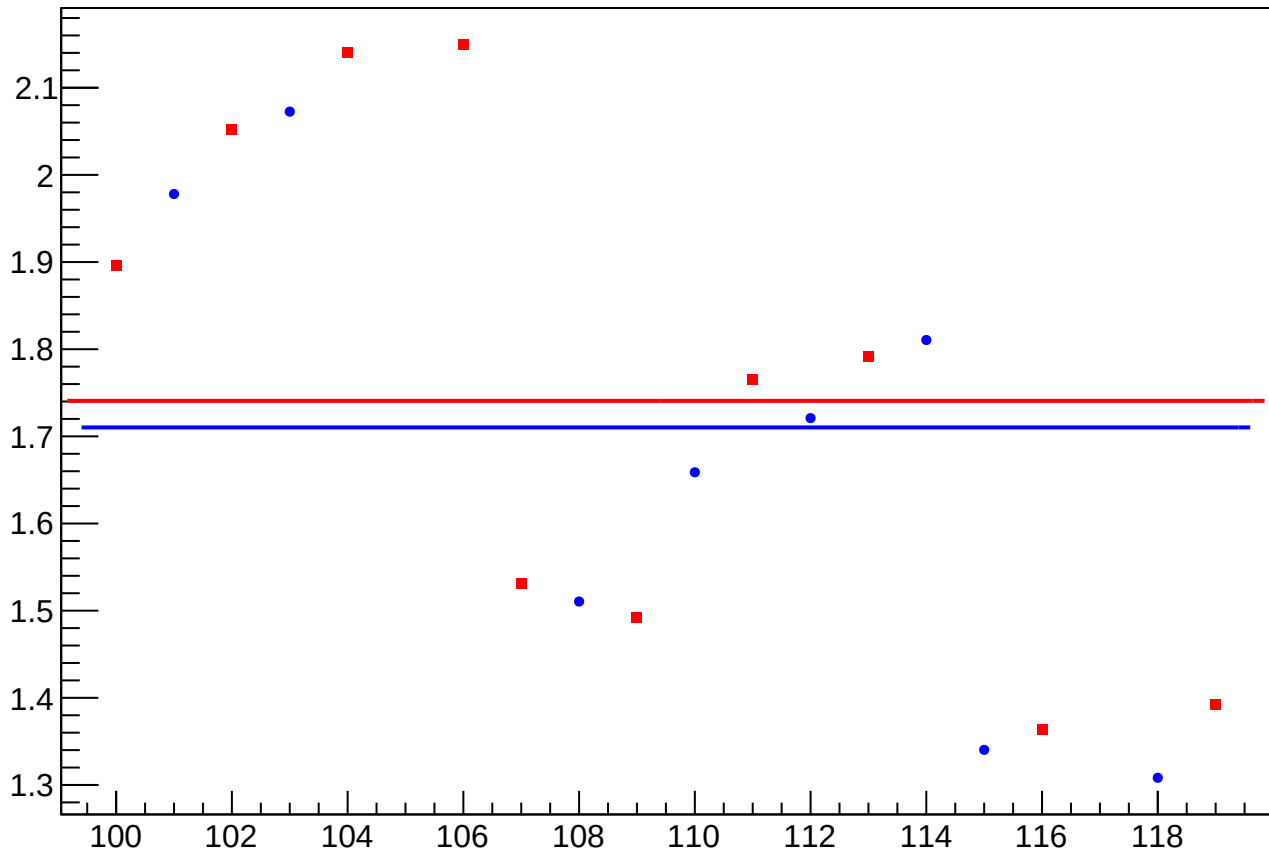
Right: 0.008+/-0.000 χ^2/NDF : 87234.7/17

In: 0.008+/-0.000 χ^2/NDF :41053.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 87234.7/17

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.710+/-0.000 χ^2/NDF : 1483770748.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.741+/-0.000 χ^2/NDF : 1902743122.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

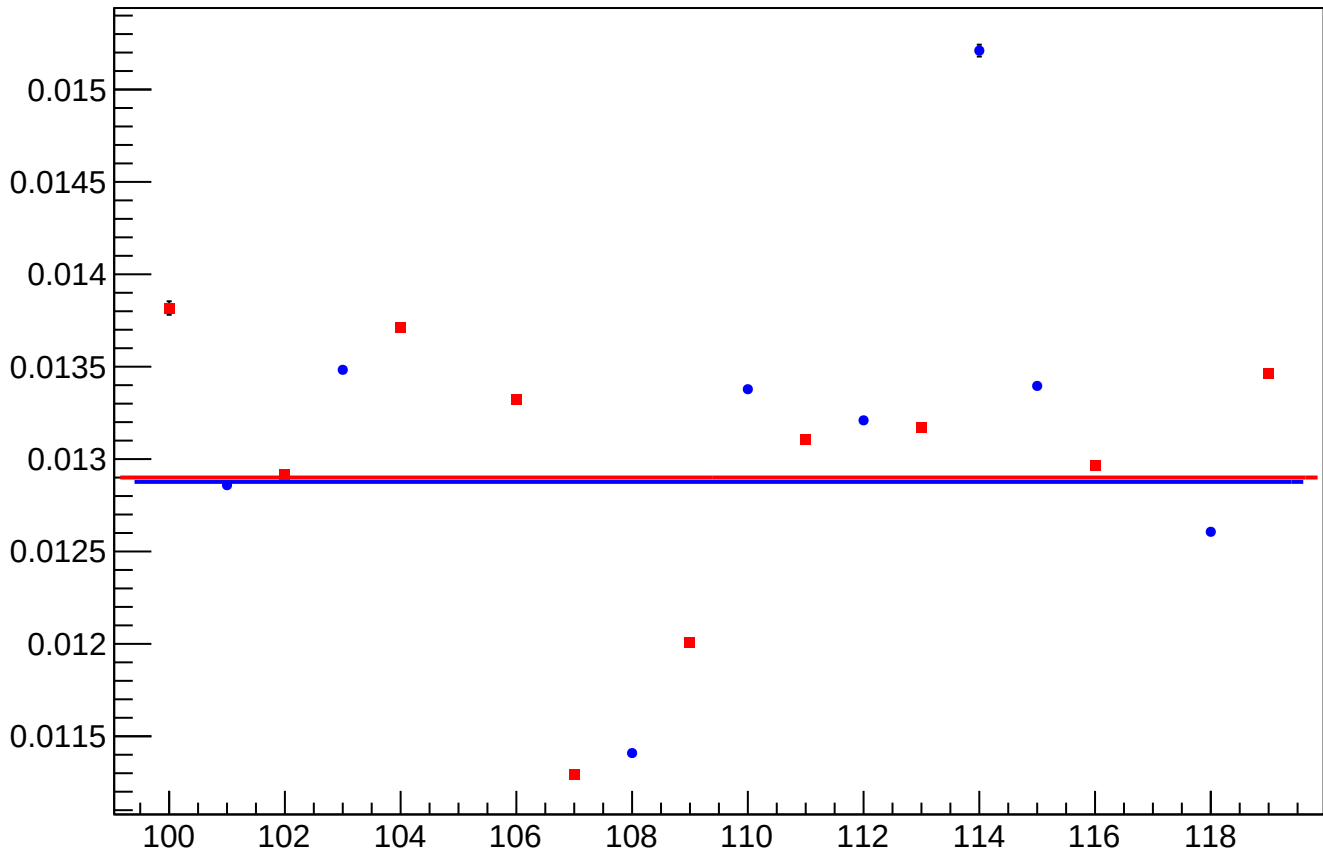
Right: 1.727+/-0.000 χ^2/NDF : 3396395791.0/17

In: 1.710+/-0.000 χ^2/NDF : 1483770748.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.727+/-0.000 χ^2/NDF : 3396395791.0/17

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 23210.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 22606.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

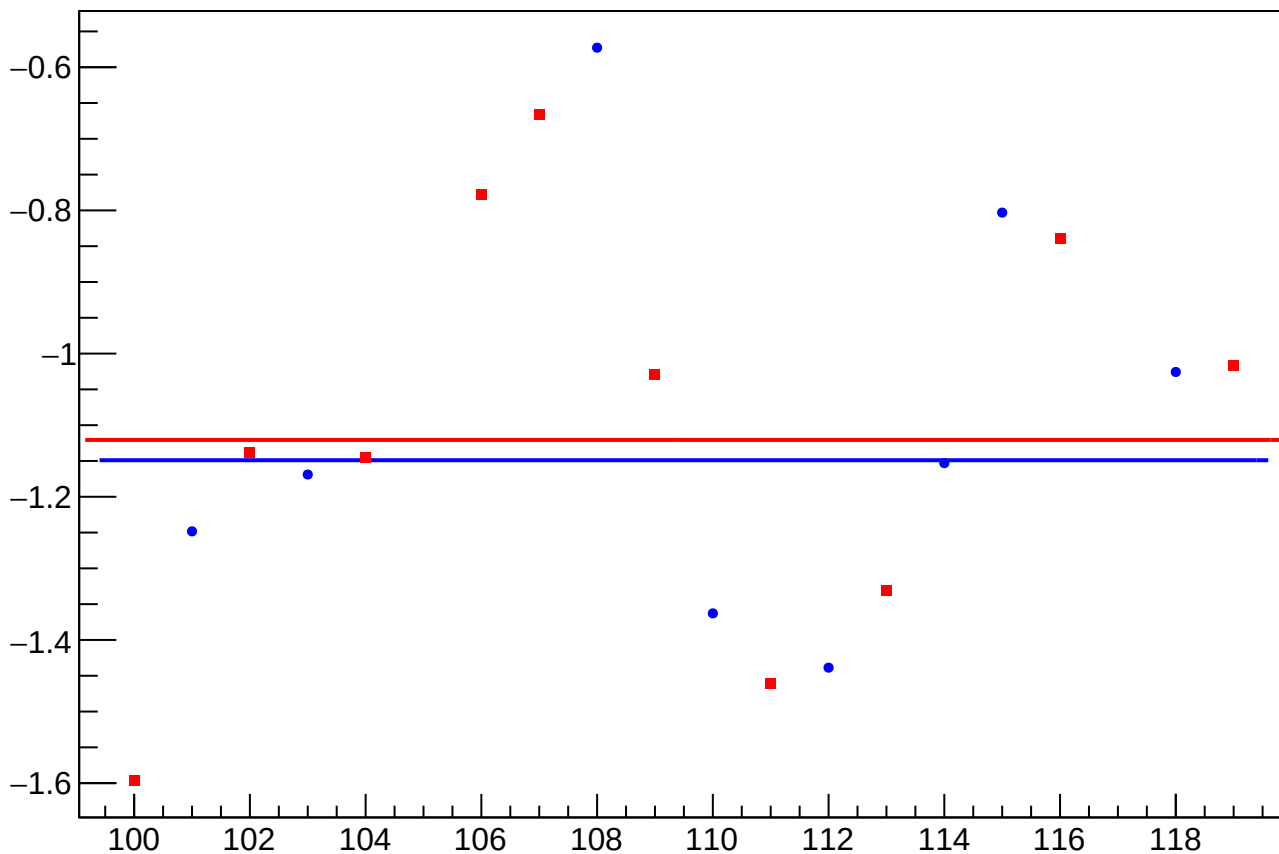
Right: 0.013+/-0.000 χ^2/NDF : 45828.6/17

In: 0.013+/-0.000 χ^2/NDF : 23210.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 45828.6/17

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.149+/-0.000 χ^2/NDF : 2371931206.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.121+/-0.000 χ^2/NDF : 1902968312.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

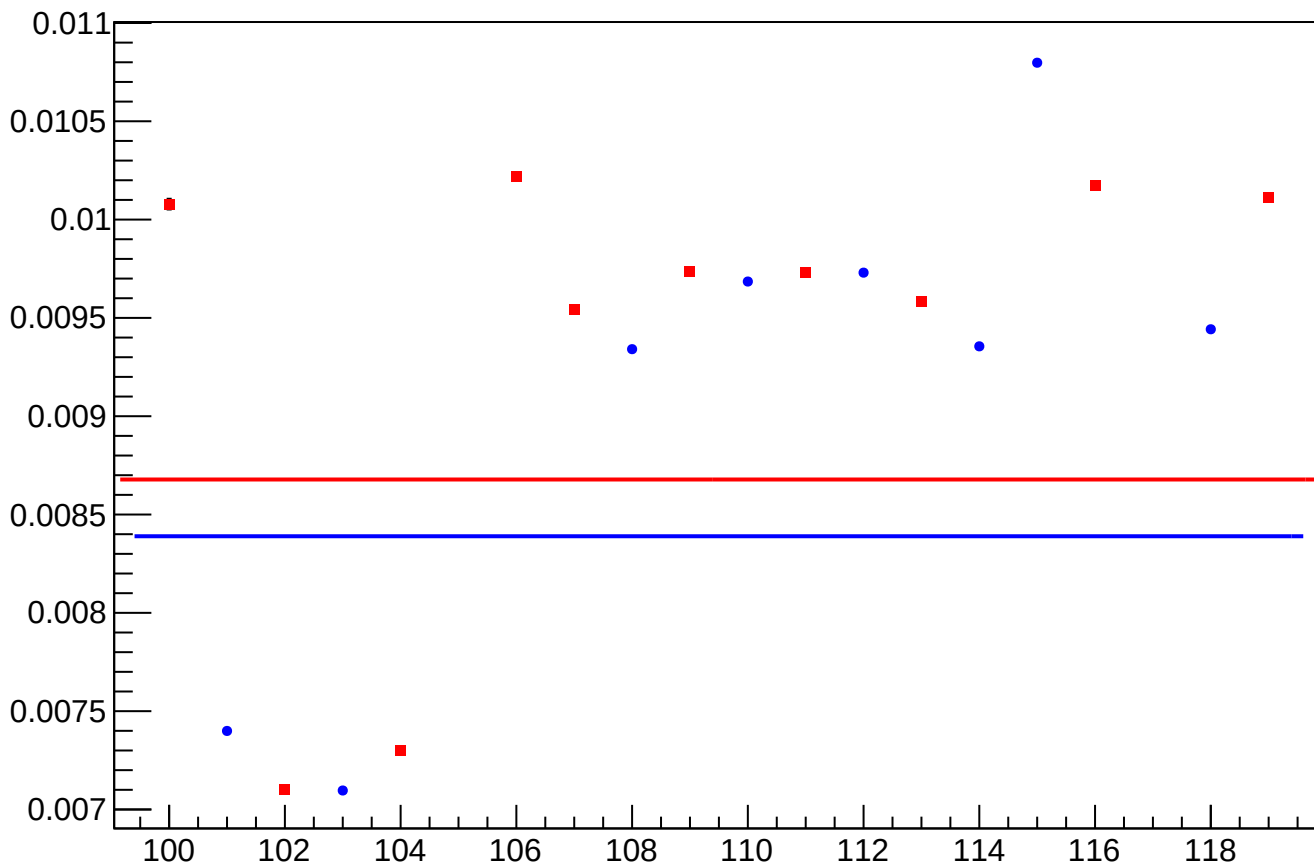
Right: -1.134+/-0.000 χ^2/NDF : 4293644898.9/17

In: -1.149+/-0.000 χ^2/NDF : 2371931206.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.134+/-0.000 χ^2/NDF : 4293644898.9/17

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 128058.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 173305.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

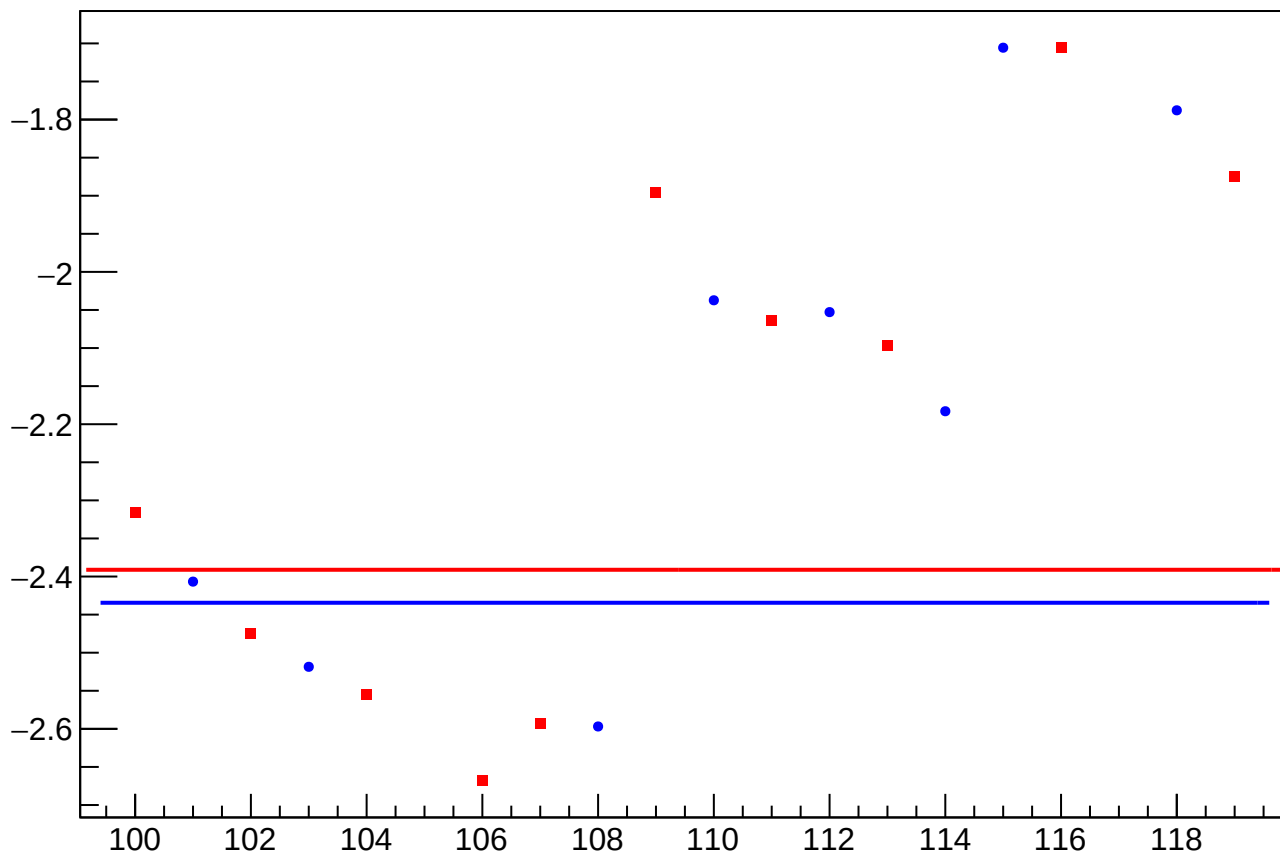
Right: 0.009+/-0.000 χ^2/NDF : 305242.1/17

In: 0.008+/-0.000 χ^2/NDF : 128058.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 305242.1/17

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.434+/-0.000 χ^2/NDF : 1527582584.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.391+/-0.000 χ^2/NDF : 4080445869.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

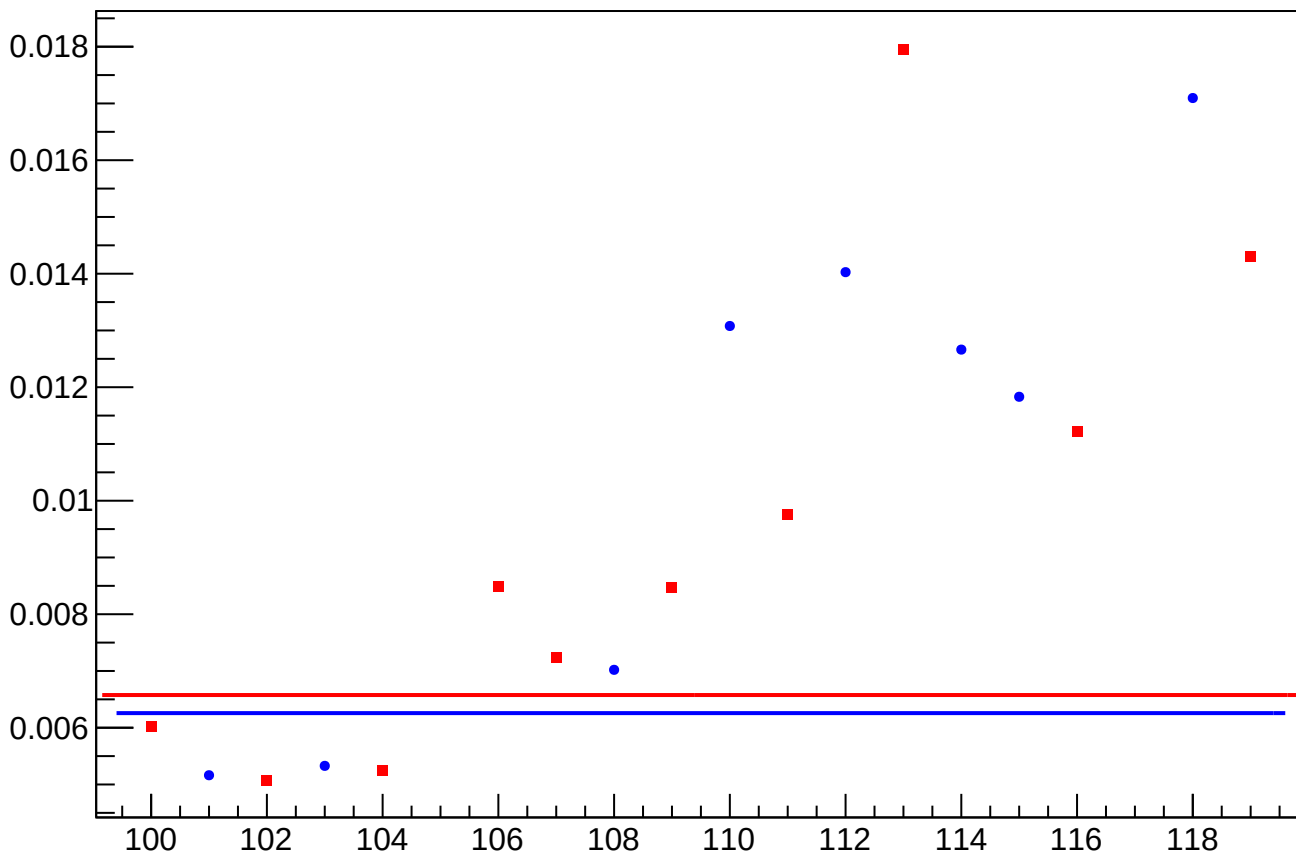
Right: -2.411+/-0.000 χ^2/NDF : 5665178048.2/17

In: -2.434+/-0.000 χ^2/NDF :1527582584.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.411+/-0.000 χ^2/NDF : 5665178048.2/17

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 737491.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 825687.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

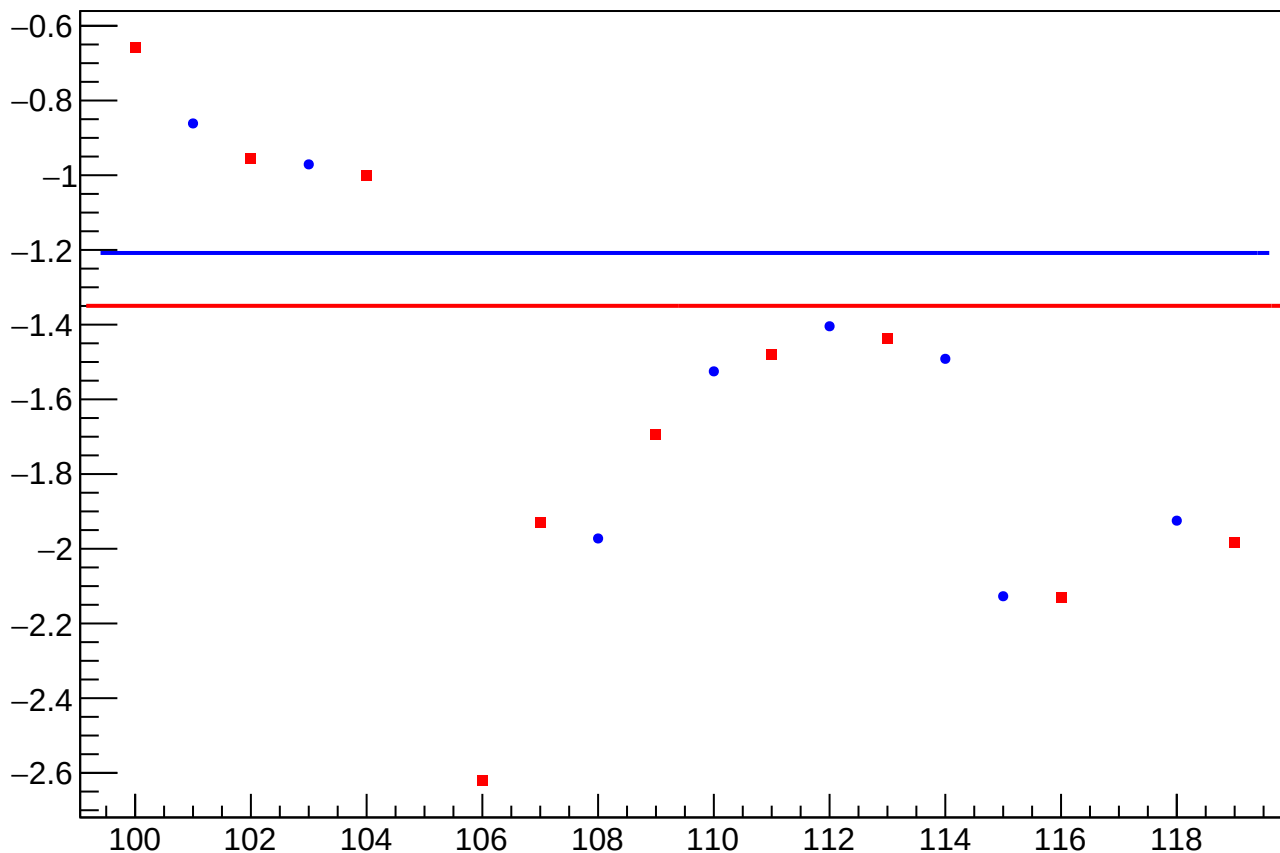
Right: 0.006+/-0.000 χ^2/NDF : 1569370.3/17

In: 0.006+/-0.000 χ^2/NDF : 737491.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1569370.3/17

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.208+/-0.000 χ^2/NDF : 12252227861.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.350+/-0.000 χ^2/NDF : 20624696602.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

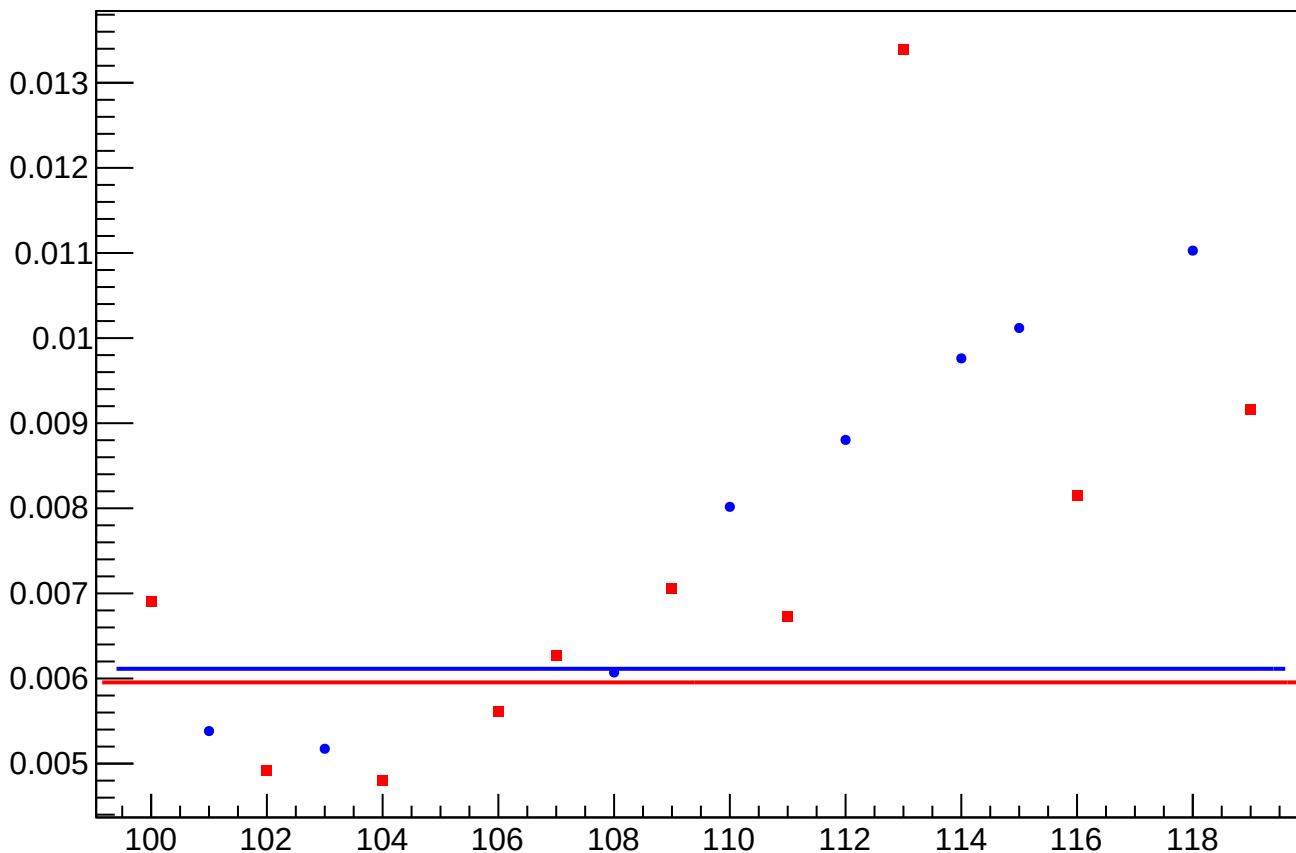
Right: -1.288+/-0.000 χ^2/NDF : 33617801883.4/17

In: -1.208+/-0.000 χ^2/NDF :12252227861.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.288+/-0.000 χ^2/NDF : 33617801883.4/17

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 309318.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 426189.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

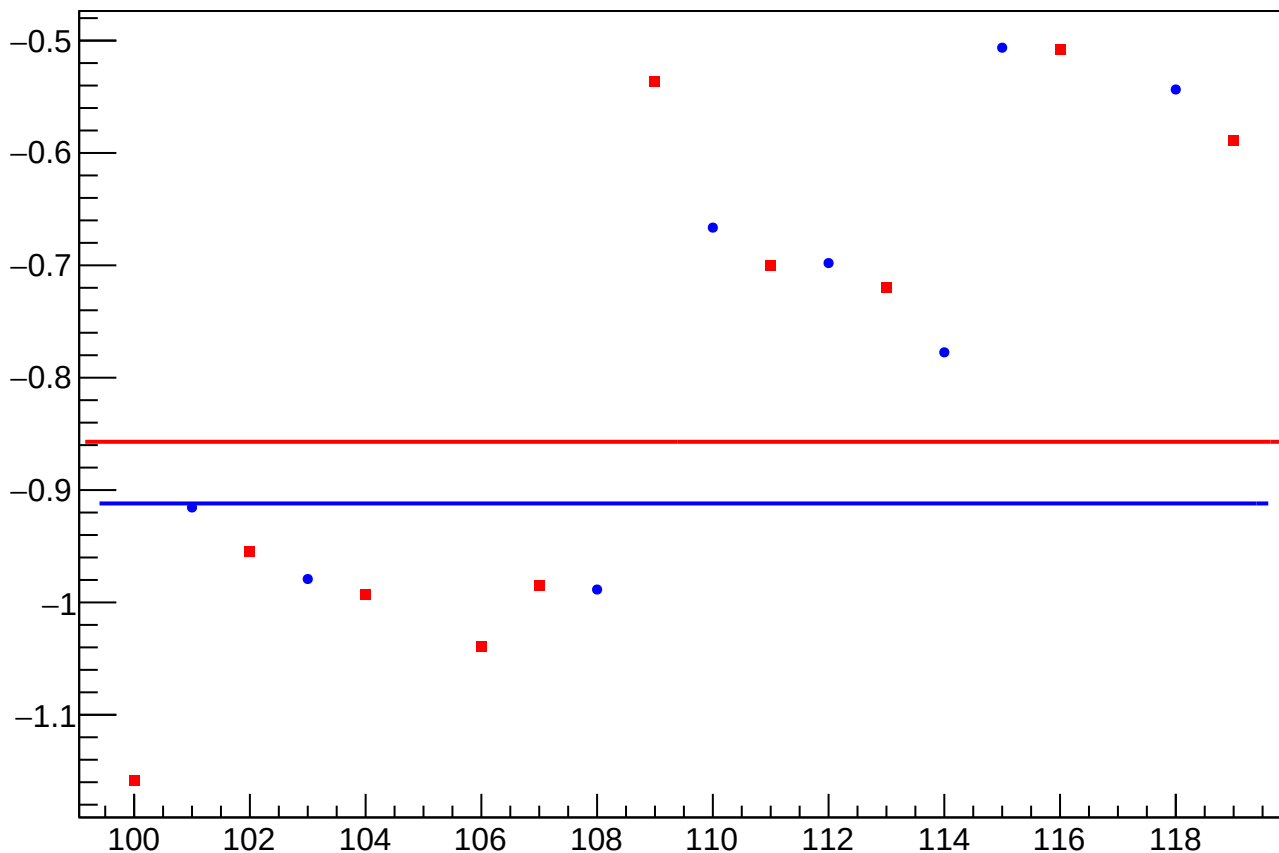
Right: 0.006+/-0.000 χ^2/NDF : 737403.2/17

In: 0.006+/-0.000 χ^2/NDF :309318.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 737403.2/17

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.912+/-0.000 χ^2/NDF : 1255884328.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.857+/-0.000 χ^2/NDF : 4166094600.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

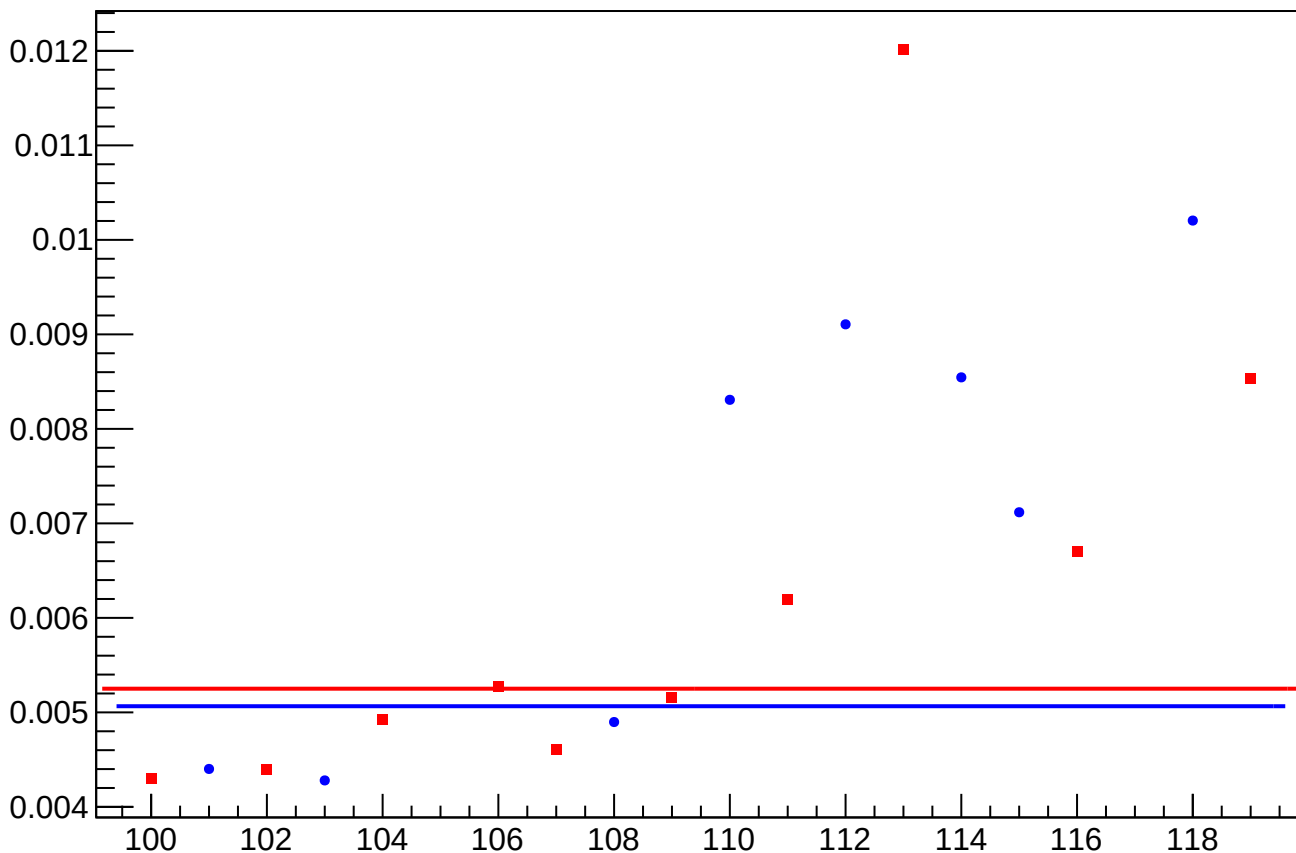
Right: -0.882+/-0.000 χ^2/NDF : 5574686857.3/17

In: -0.912+/-0.000 χ^2/NDF :1255884328.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.882+/-0.000 χ^2/NDF : 5574686857.3/17

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 462295.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 404468.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

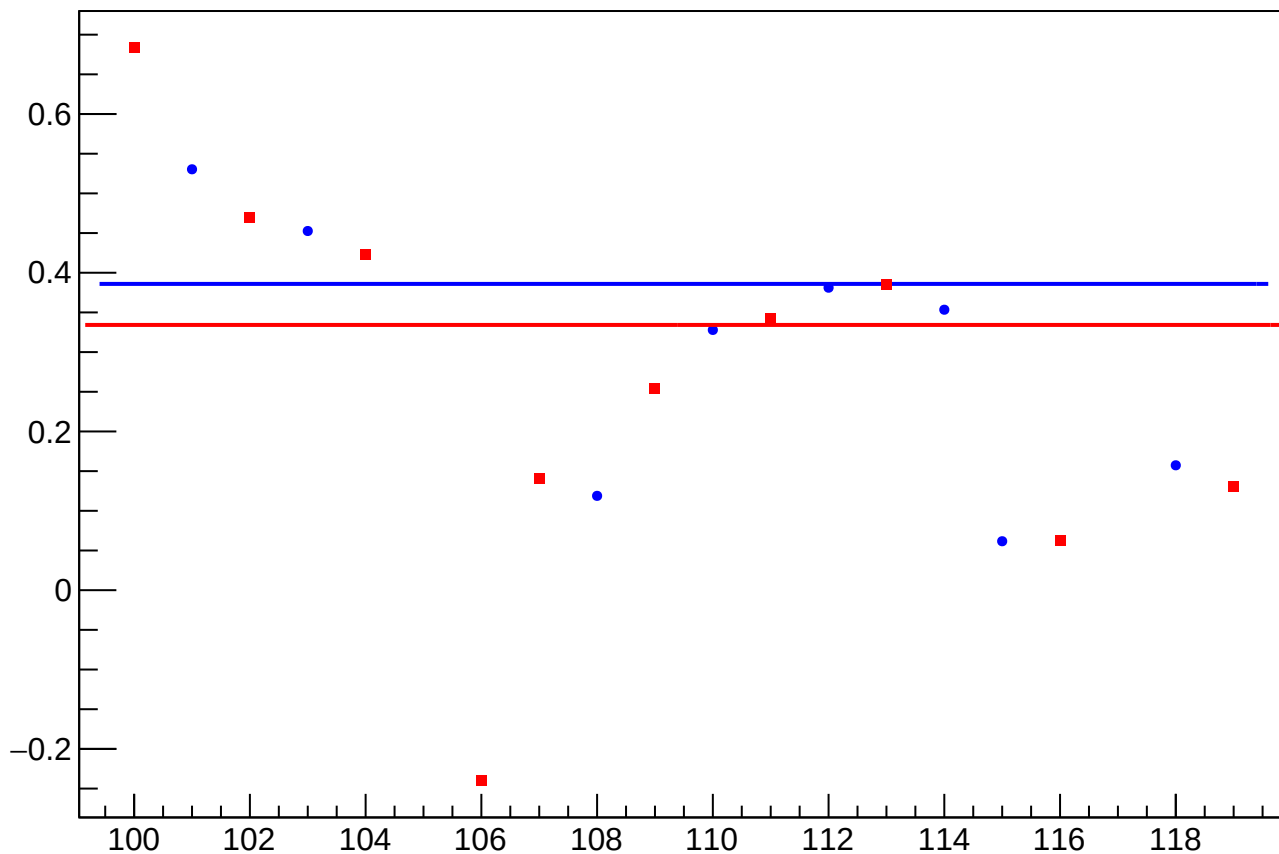
Right: 0.005+/-0.000 χ^2/NDF : 870253.5/17

In: 0.005+/-0.000 χ^2/NDF :462295.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 870253.5/17

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.386+/-0.000 χ^2/NDF : 3626379880.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.334+/-0.000 χ^2/NDF : 5869432669.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

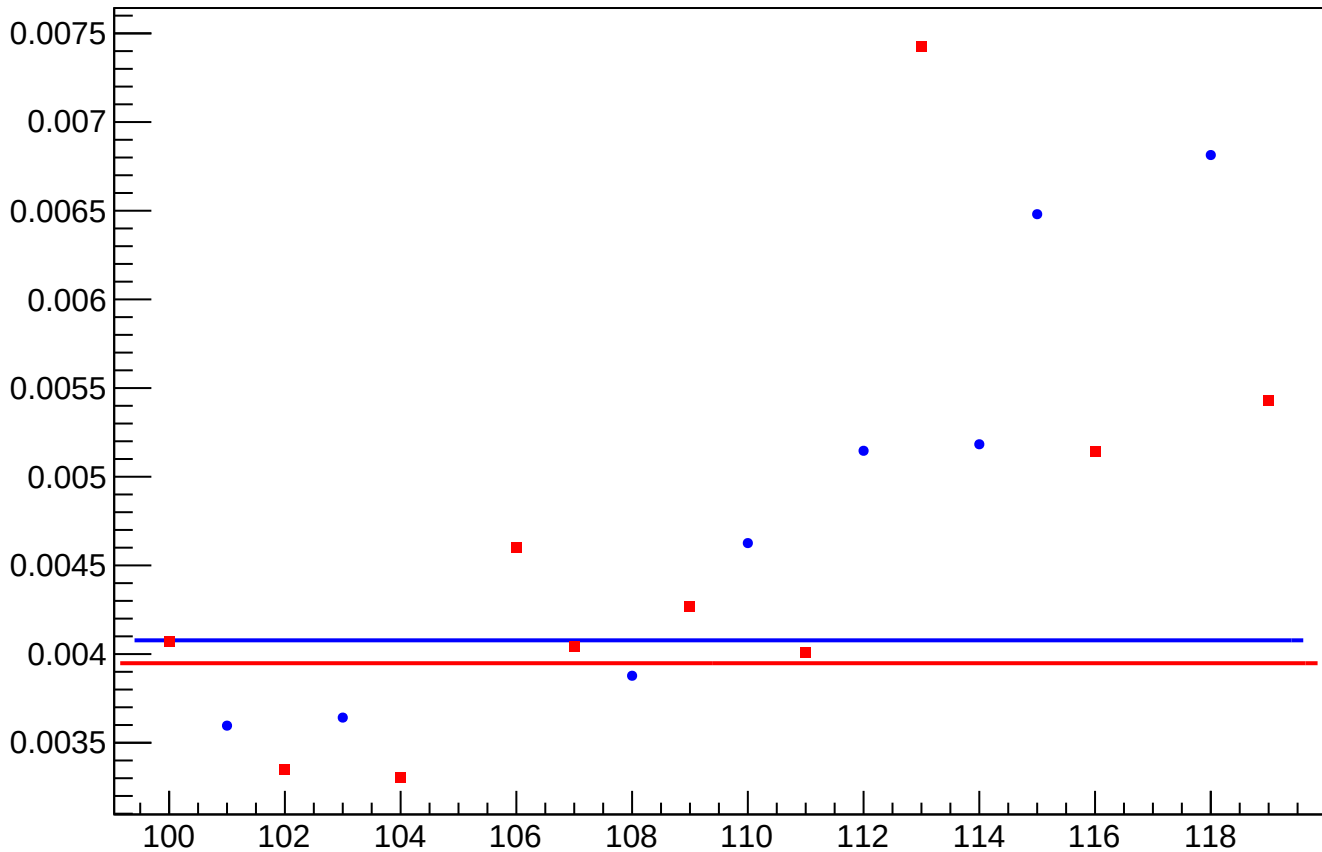
Right: 0.357+/-0.000 χ^2/NDF : 9731088264.1/17

In: 0.386+/-0.000 χ^2/NDF : 3626379880.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.357+/-0.000 χ^2/NDF : 9731088264.1/17

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 207674.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 288338.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

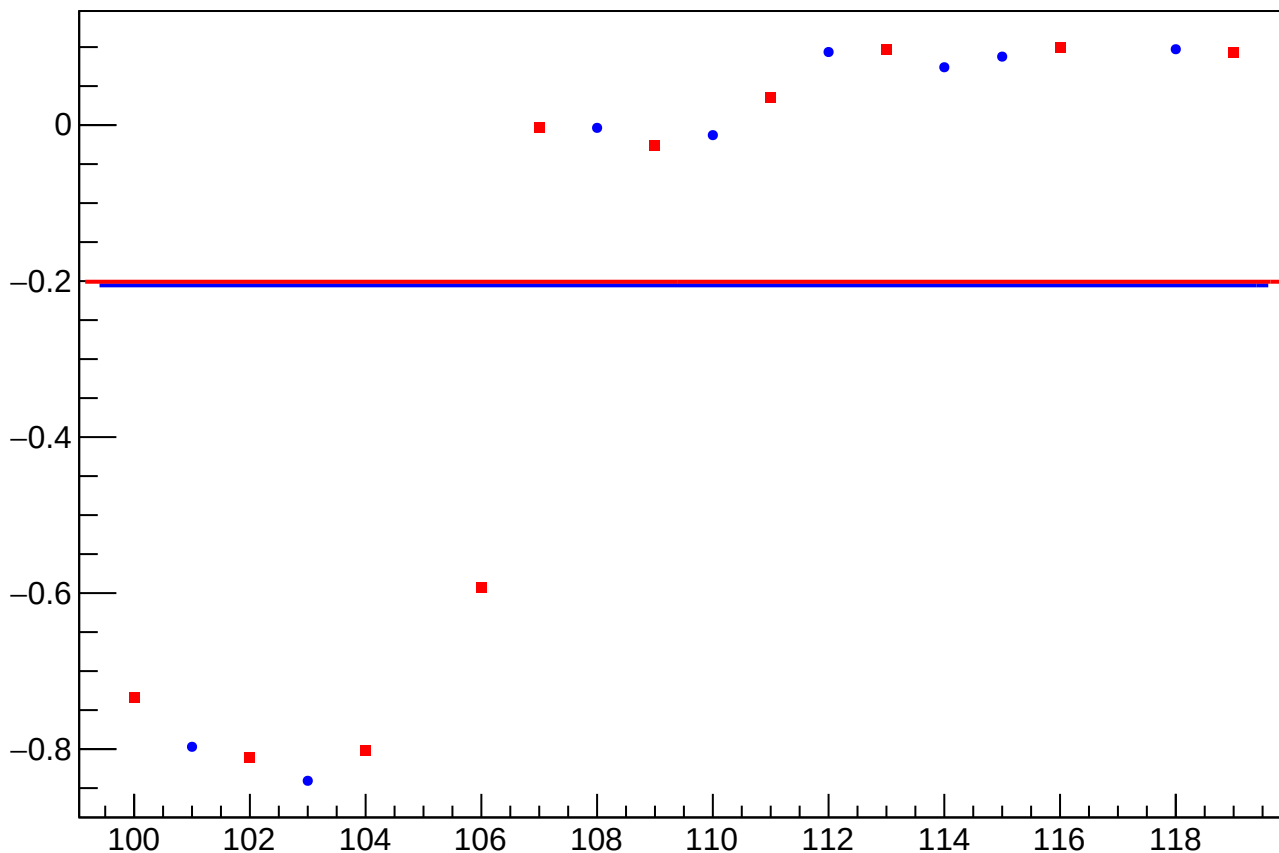
Right: 0.004+/-0.000 χ^2/NDF : 498946.0/17

In: 0.004+/-0.000 χ^2/NDF :207674.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 498946.0/17

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.205+/-0.000 χ^2/NDF : 4635519190.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.201+/-0.000 χ^2/NDF : 5285974161.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

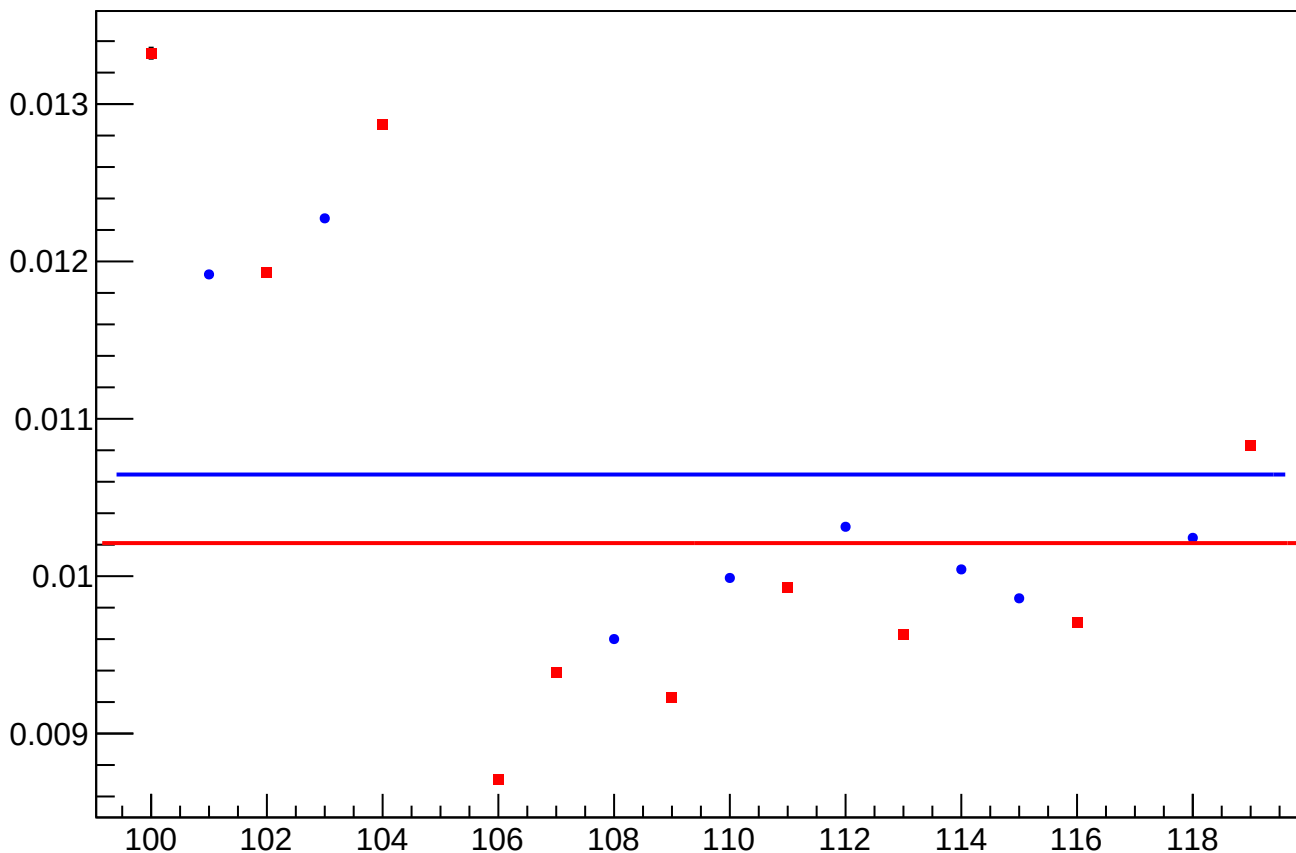
Right: -0.203+/-0.000 χ^2/NDF : 9921848770.8/17

In: -0.205+/-0.000 χ^2/NDF :4635519190.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.203+/-0.000 χ^2/NDF : 9921848770.8/17

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 53959.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 123452.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

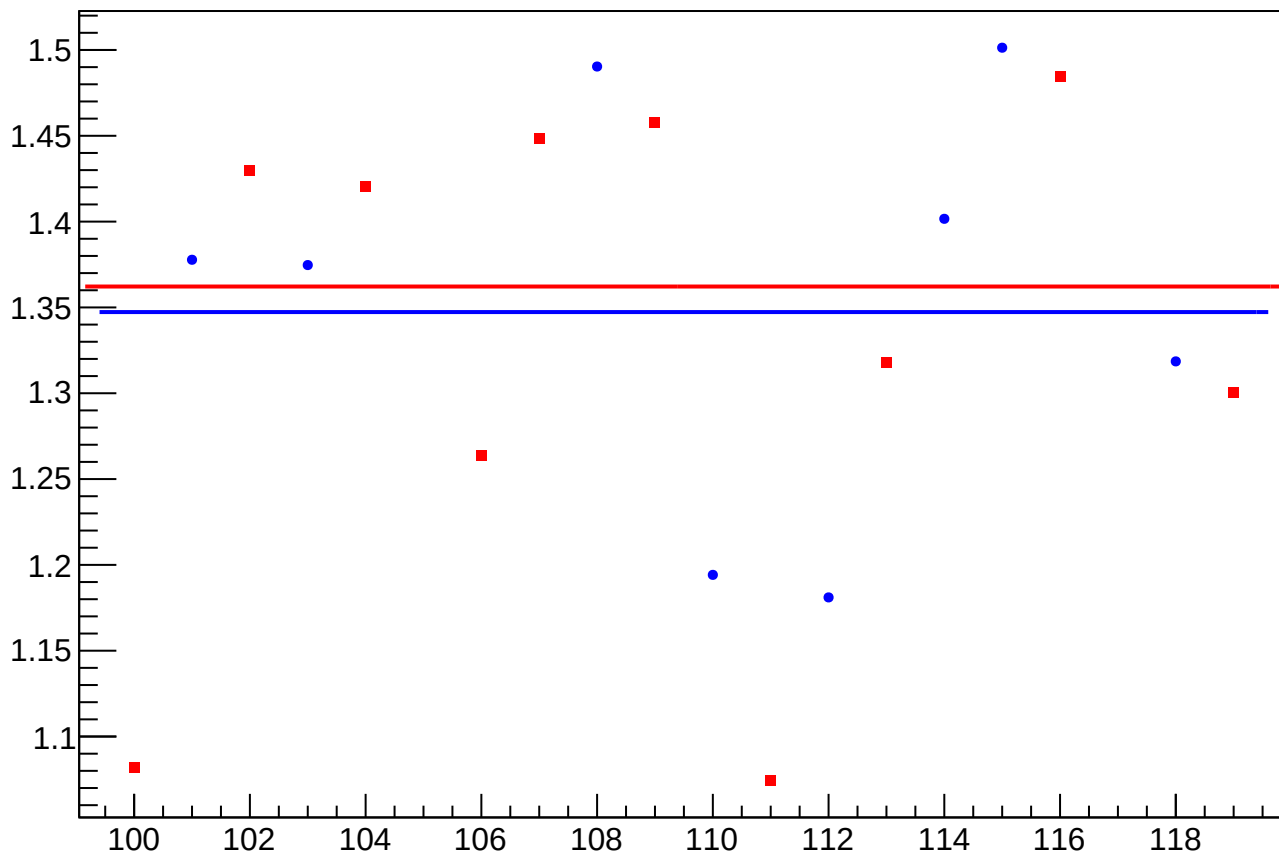
Right: 0.010+/-0.000 χ^2/NDF : 183713.6/17

In: 0.011+/-0.000 χ^2/NDF : 53959.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 183713.6/17

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.347+/-0.000 χ^2/NDF : 619332446.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.362+/-0.000 χ^2/NDF : 1122927845.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

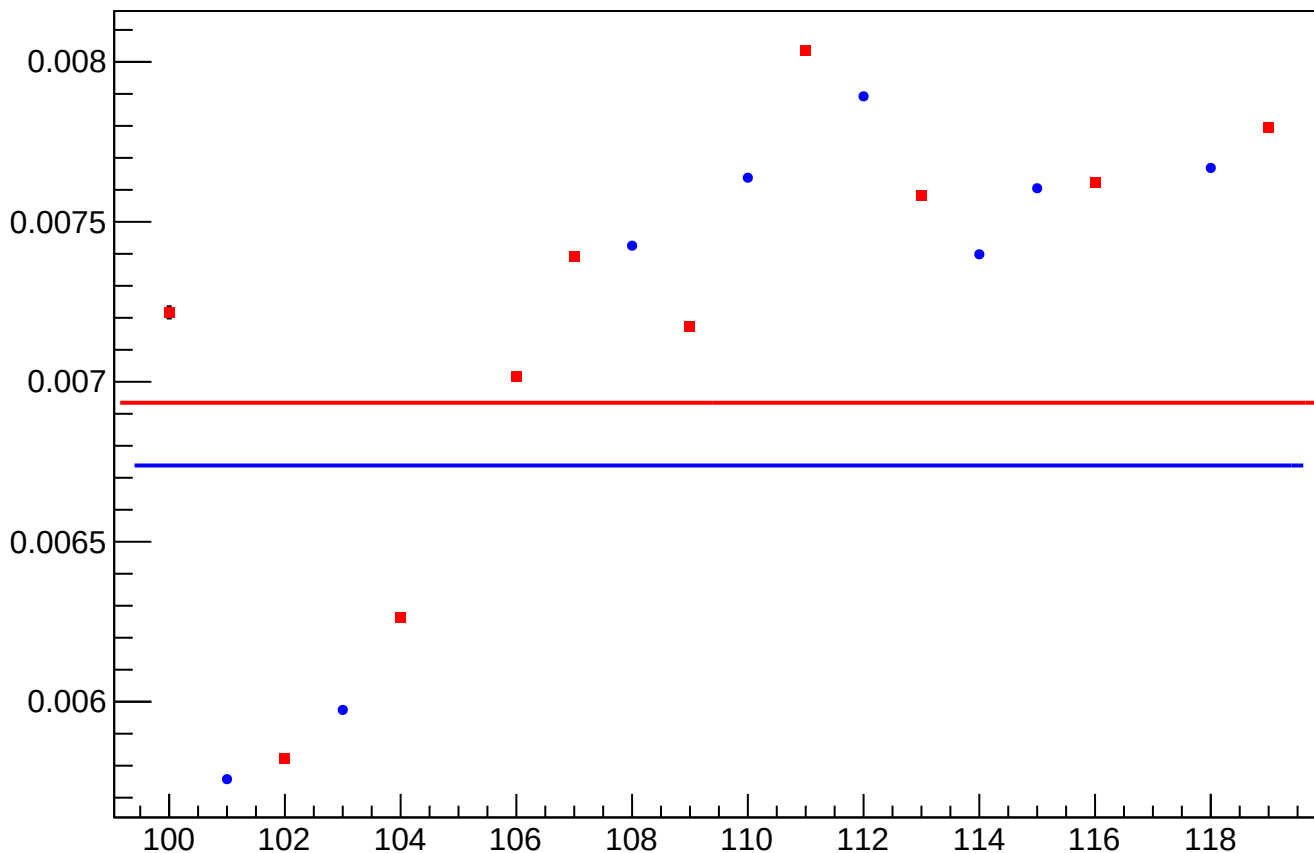
Right: 1.355+/-0.000 χ^2/NDF : 1750829133.7/17

In: 1.347+/-0.000 χ^2/NDF :619332446.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.355+/-0.000 χ^2/NDF : 1750829133.7/17

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 116713.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 104243.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

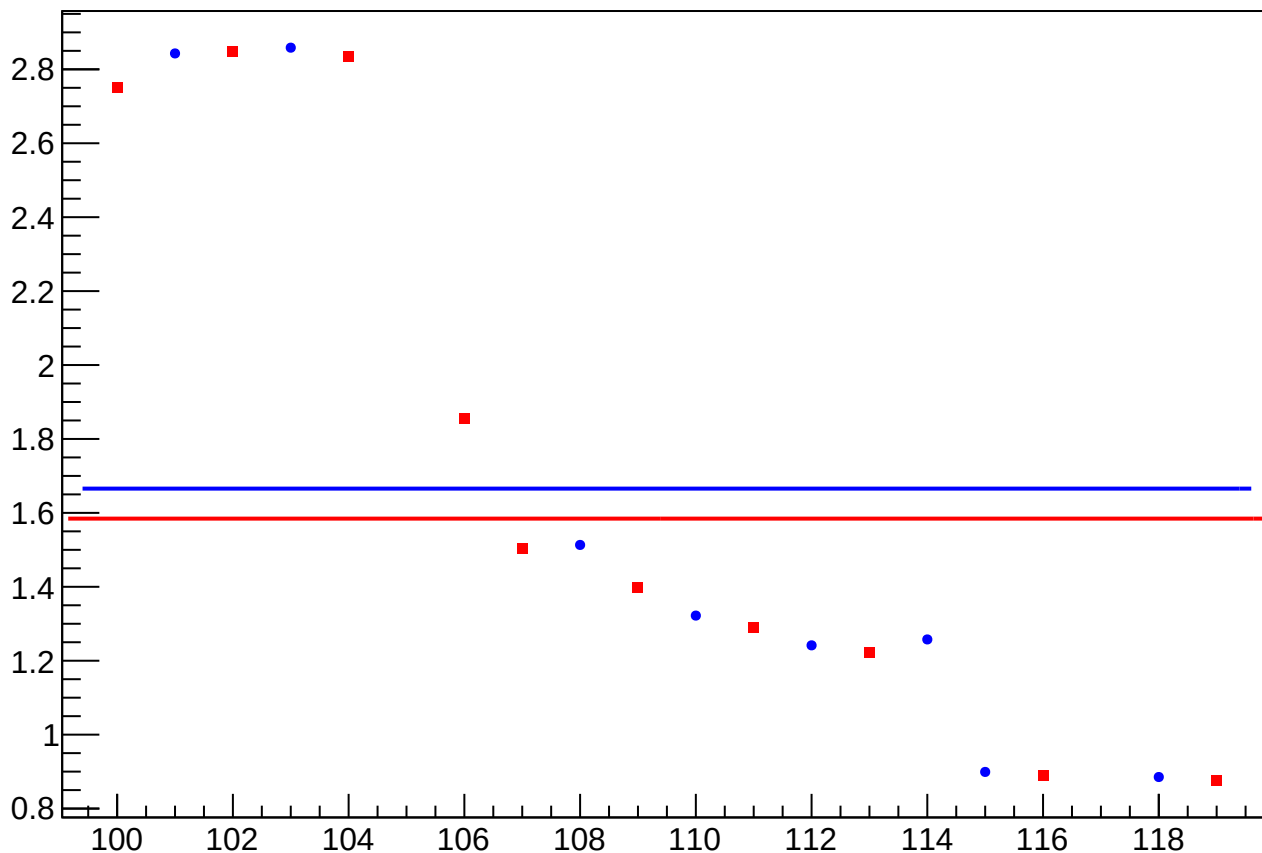
Right: 0.007+/-0.000 χ^2/NDF : 223933.2/17

In: 0.007+/-0.000 χ^2/NDF : 116713.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 223933.2/17

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.666+/-0.000

χ^2/NDF : 40279993805.4/7

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.620+/-0.000 χ^2/NDF : 81214042970.4/17

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.666+/-0.000 χ^2/NDF : 40279993805.4/7

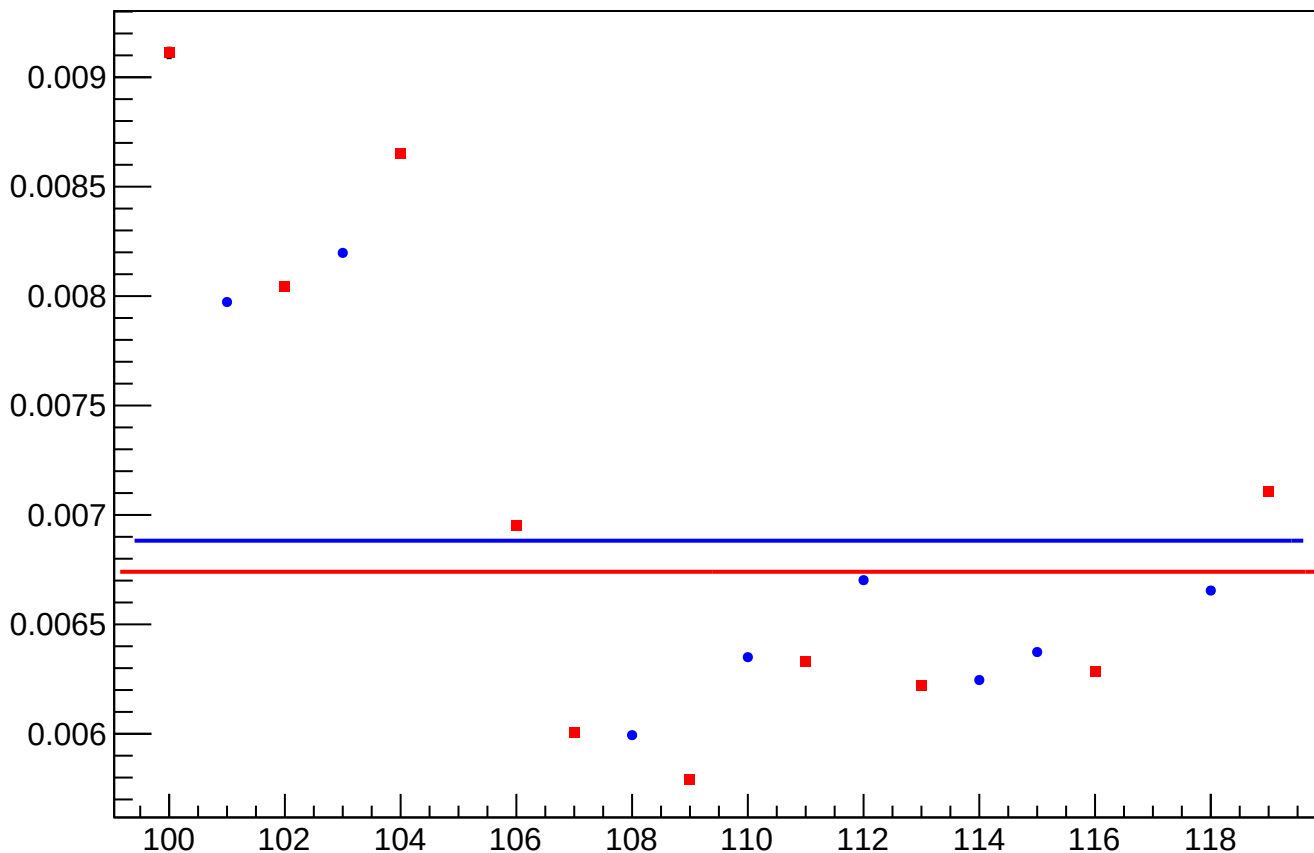
Right Out: 1.584+/-0.000 χ^2/NDF : 40678565129.1/9

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.620+/-0.000 χ^2/NDF : 81214042970.4/17

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 84167.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 147152.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

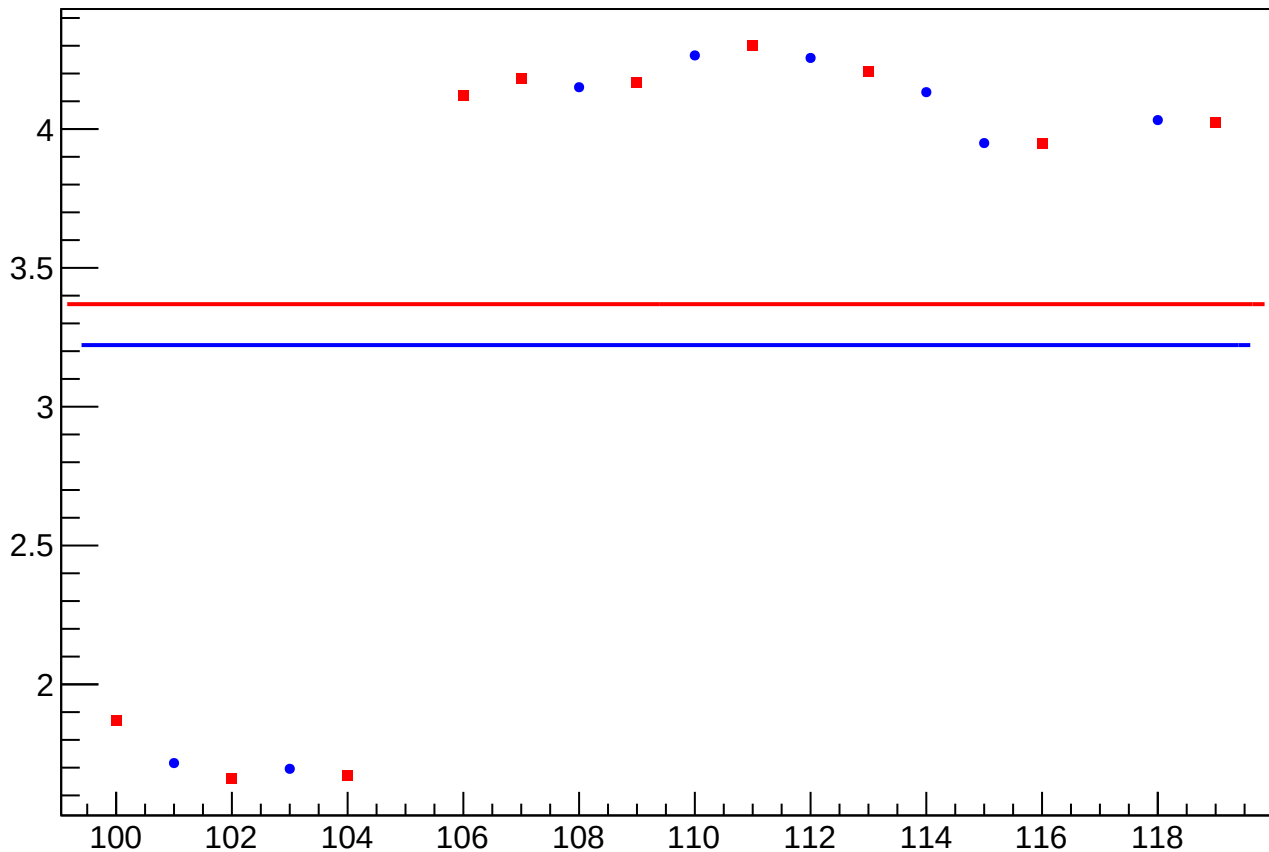
Right: 0.007+/-0.000 χ^2/NDF : 232885.1/17

In: 0.007+/-0.000 χ^2/NDF :84167.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 232885.1/17

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.222+/-0.000

χ^2/NDF : 168125415689.8/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 3.302+/-0.000

χ^2/NDF : 357613394950.6/17

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 3.222+/-0.000

χ^2/NDF : 168125415689.8/7

Right Out: 3.369+/-0.000

χ^2/NDF : 188086263416.9/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

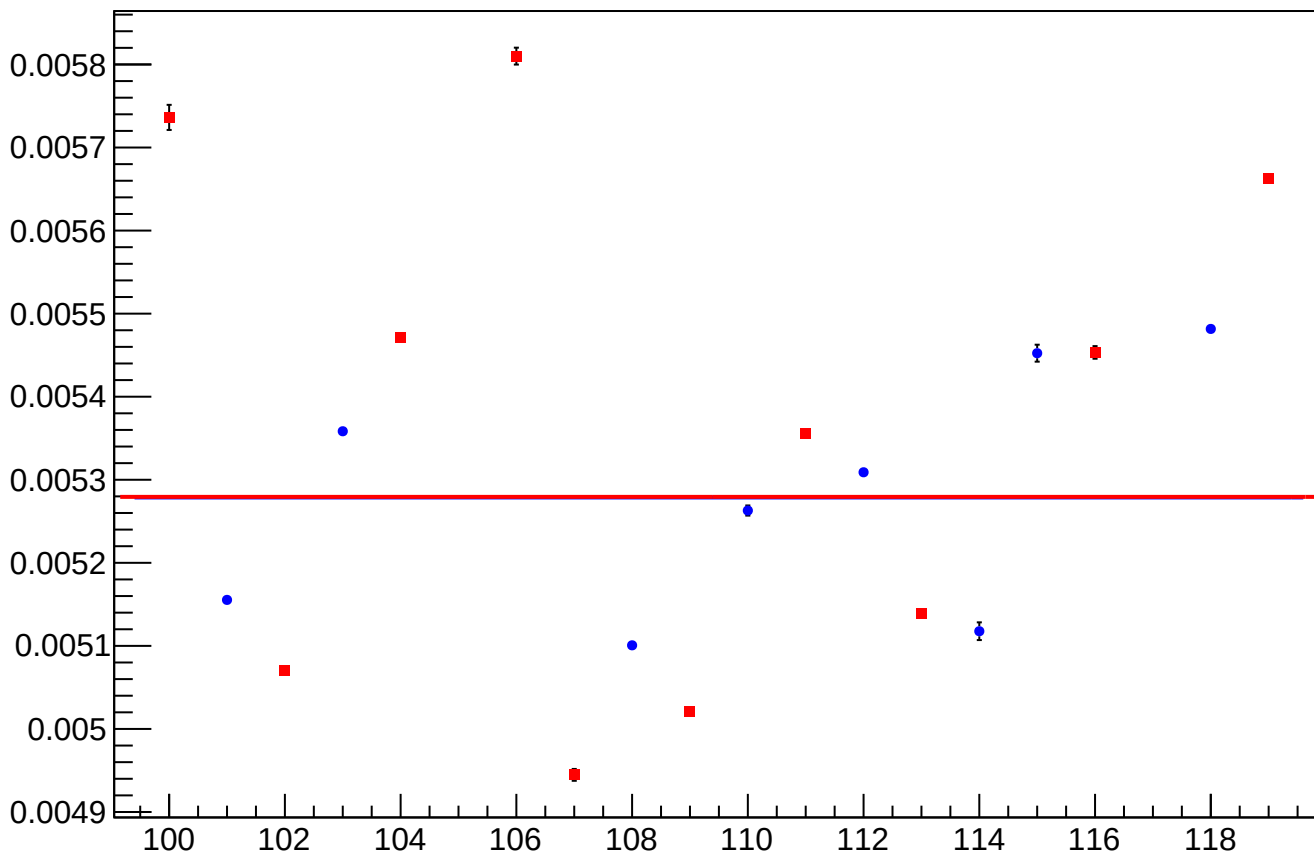
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 3.302+/-0.000

χ^2/NDF : 357613394950.6

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3997.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 19040.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

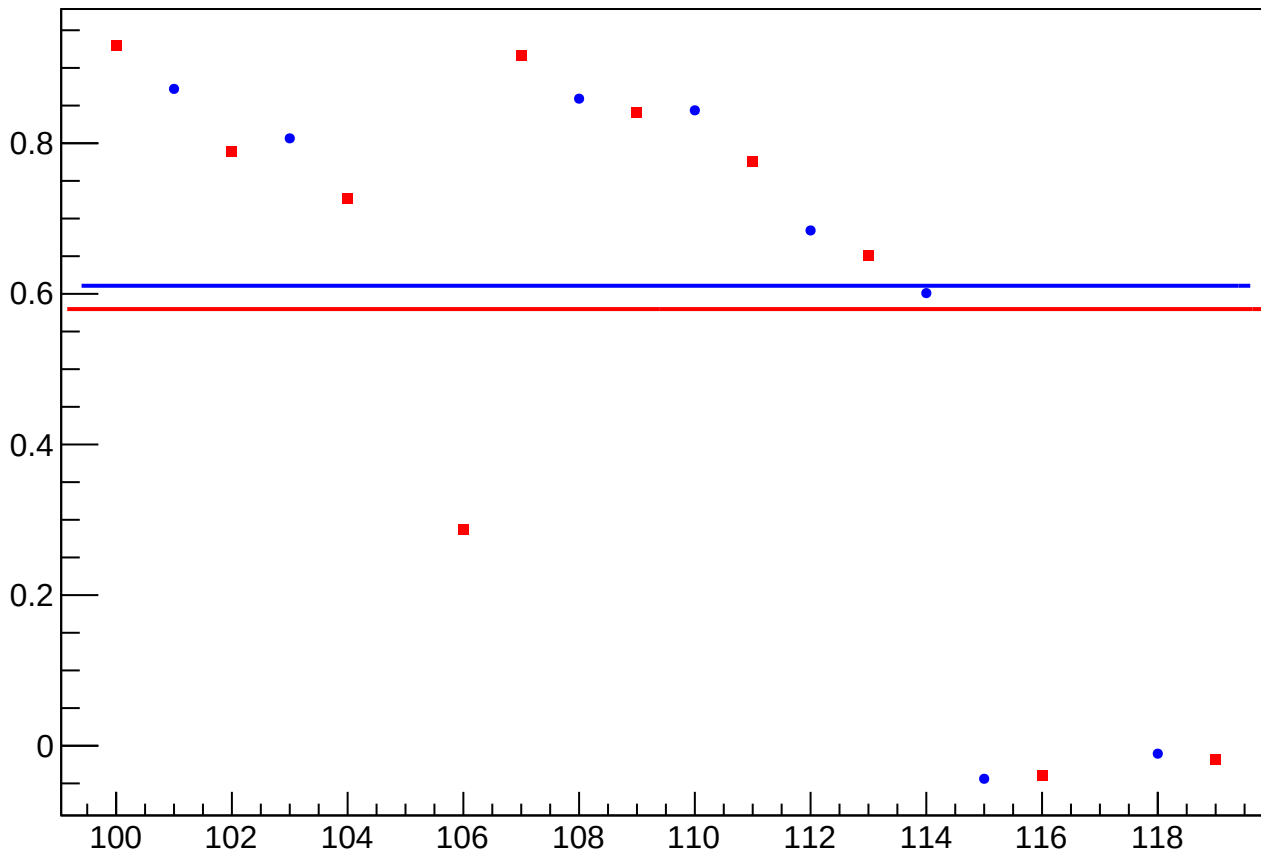
Right: 0.005+/-0.000 χ^2/NDF : 23037.8/17

In: 0.005+/-0.000 χ^2/NDF :3997.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 23037.8/17

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.611+/-0.000 χ^2/NDF : 2020310082.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.580+/-0.000 χ^2/NDF : 2307566741.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

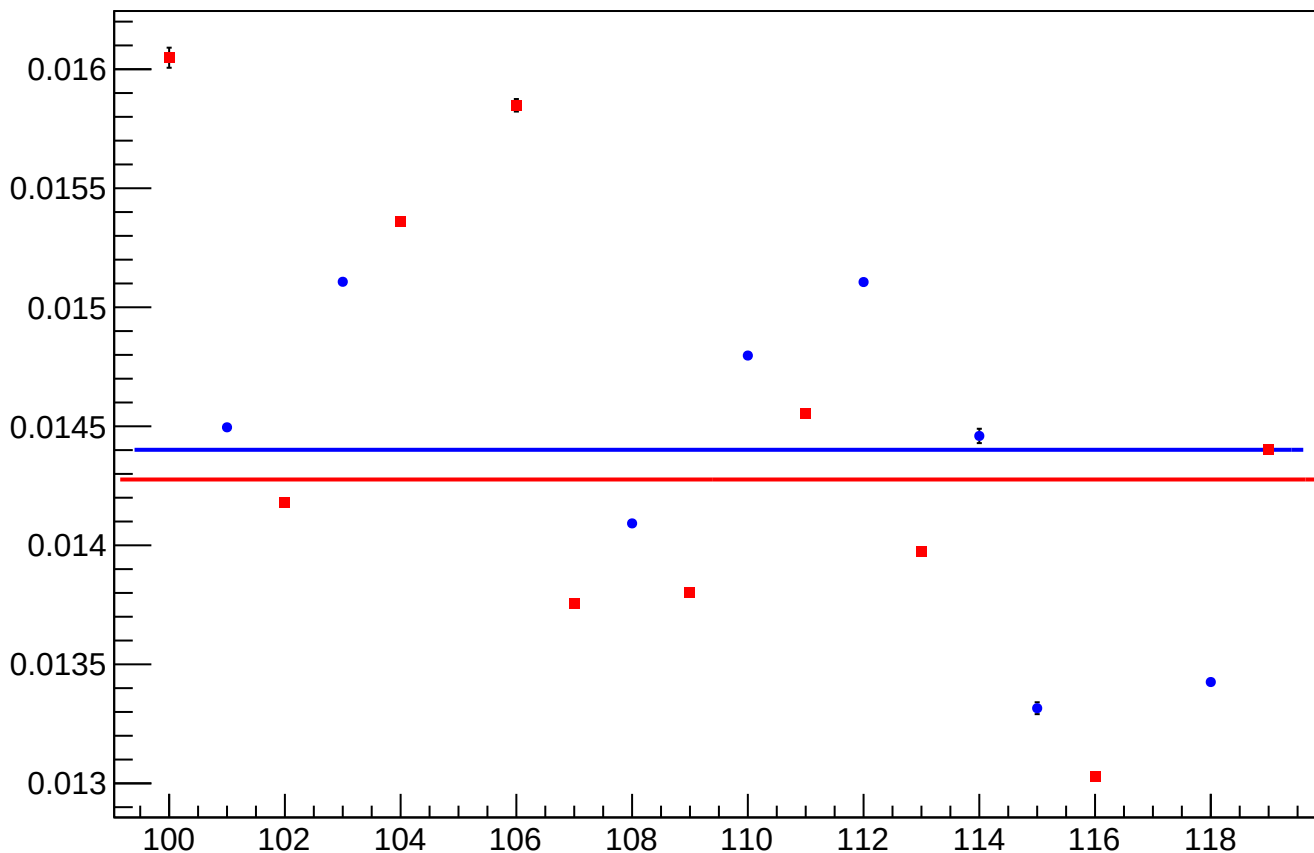
Right: 0.594+/-0.000 χ^2/NDF : 4336236870.8/17

In: 0.611+/-0.000 χ^2/NDF : 2020310082.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.594+/-0.000 χ^2/NDF : 4336236870.8/17

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 13216.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 18079.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

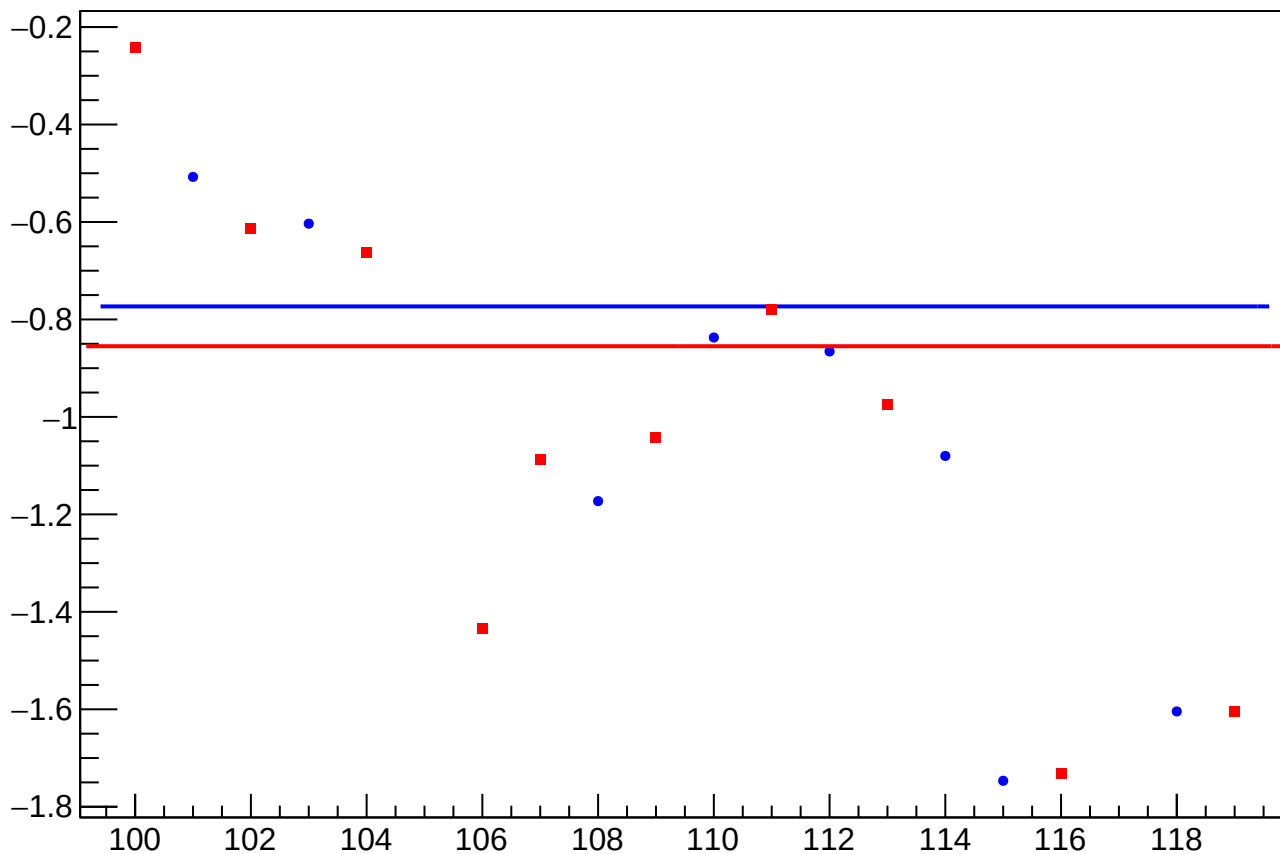
Right: 0.014+/-0.000 χ^2/NDF : 31567.6/17

In: 0.014+/-0.000 χ^2/NDF : 13216.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 31567.6/17

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.773+/-0.000 χ^2/NDF : 16010370525.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.855+/-0.000 χ^2/NDF : 17532702203.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

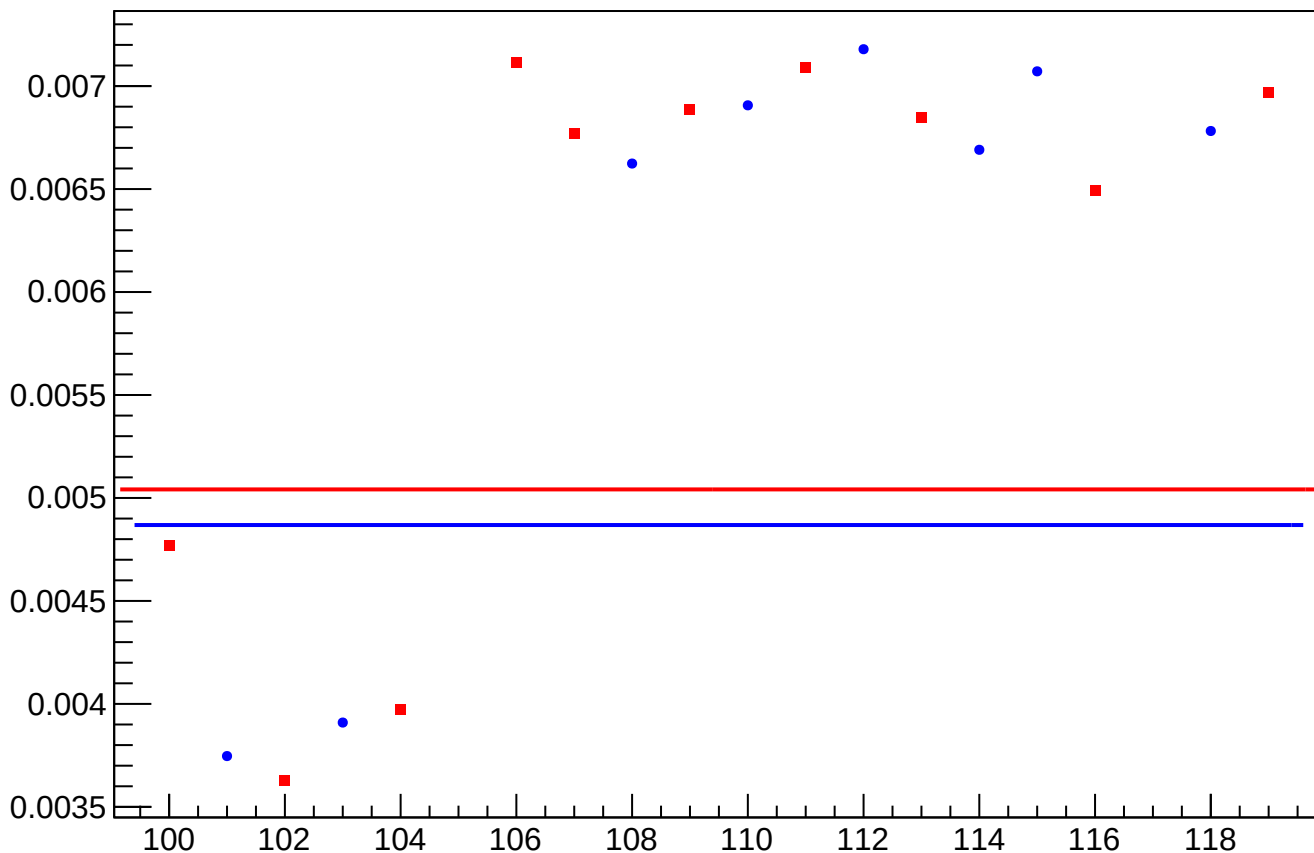
Right: -0.816+/-0.000 χ^2/NDF : 33963857835.8/17

In: -0.773+/-0.000 χ^2/NDF :16010370525.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.816+/-0.000 χ^2/NDF : 33963857835.8/17

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 505226.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 626022.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

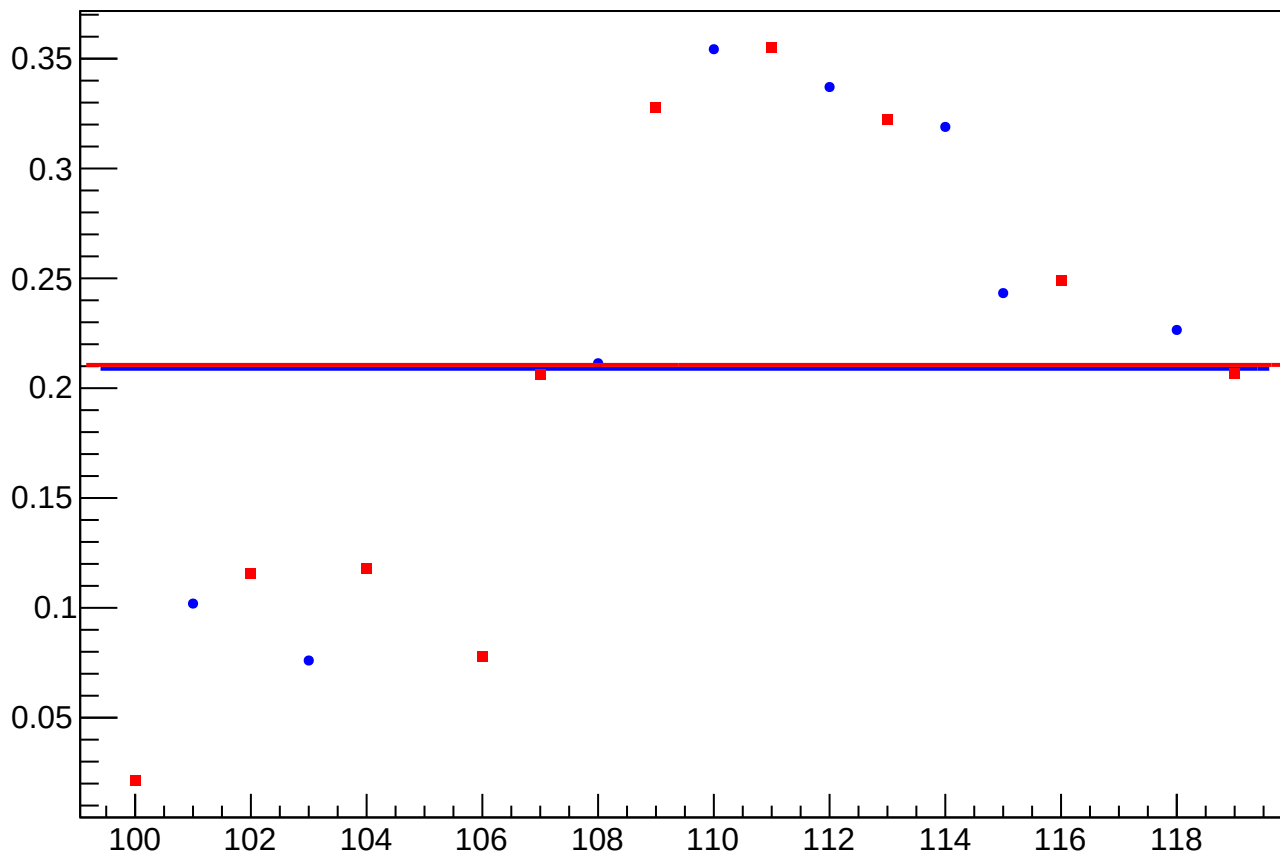
Right: 0.005+/-0.000 χ^2/NDF : 1135024.4/17

In: 0.005+/-0.000 χ^2/NDF :505226.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1135024.4/17

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.209+/-0.000 χ^2/NDF : 14074469681.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.211+/-0.000 χ^2/NDF : 19120236804.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

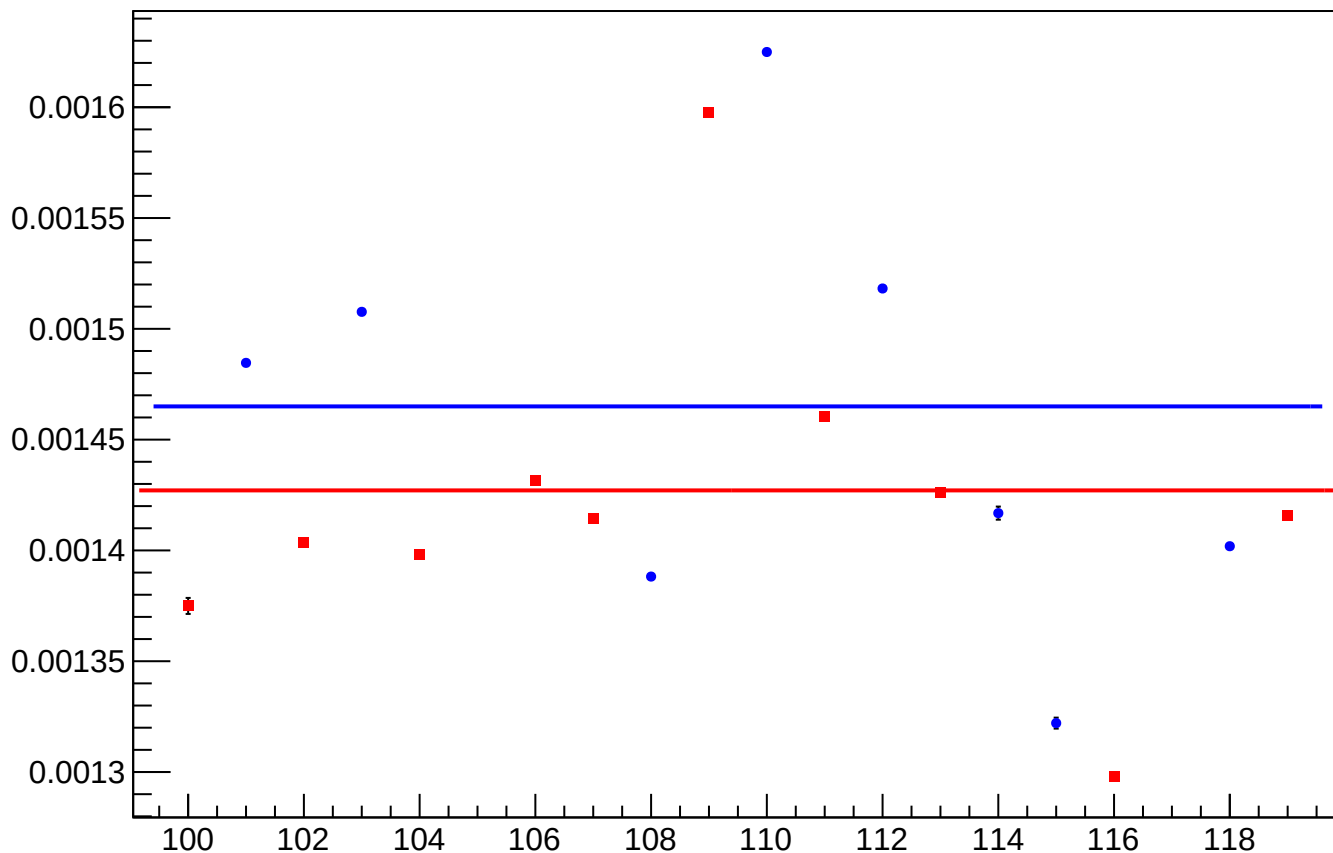
Right: 0.210+/-0.000 χ^2/NDF : 33197239219.9/17

In: 0.209+/-0.000 χ^2/NDF : 14074469681.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.210+/-0.000 χ^2/NDF : 33197239219.9/17

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 17052.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 18355.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

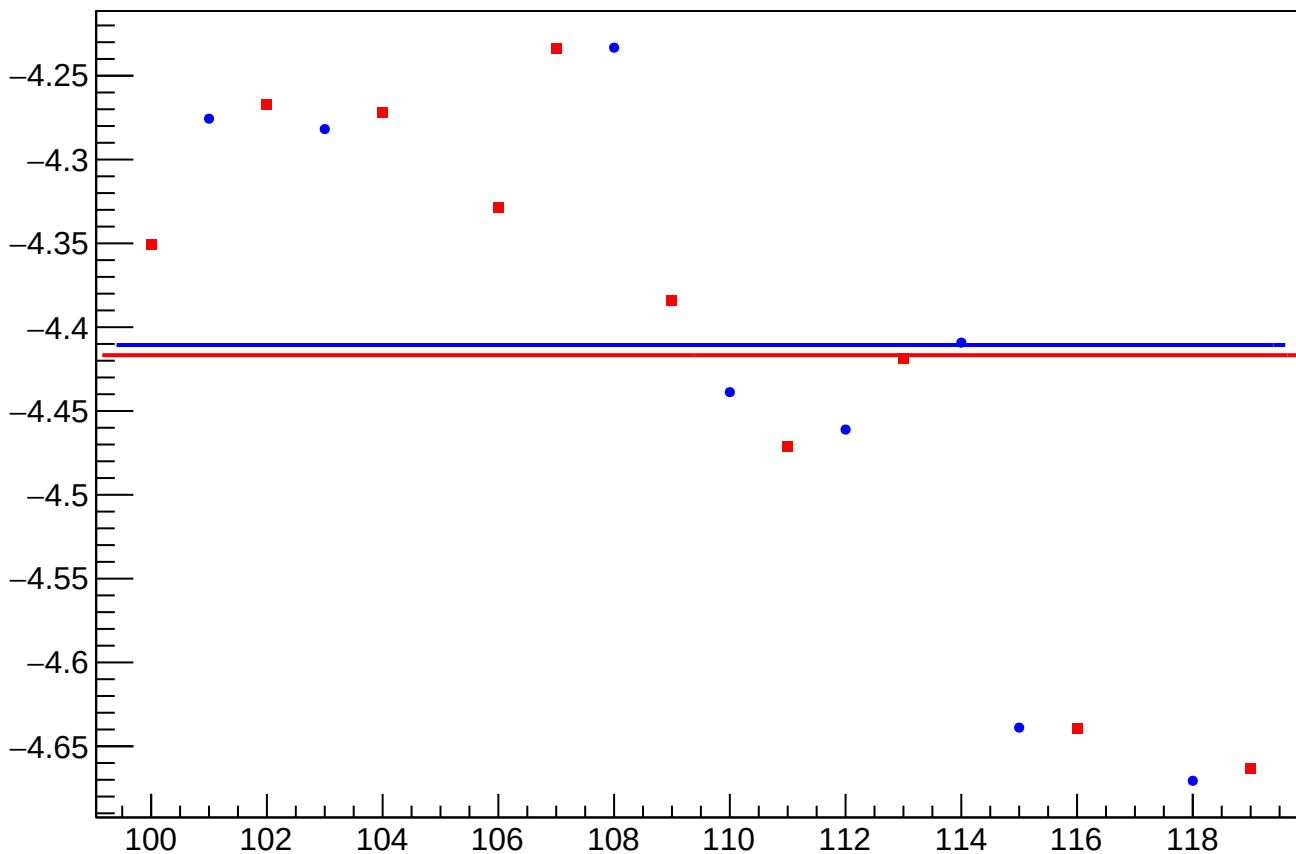
Right: 0.001+/-0.000 χ^2/NDF : 37785.6/17

In: 0.001+/-0.000 χ^2/NDF :17052.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 37785.6/17

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.411+/-0.000 χ^2/NDF : 30231517449.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.417+/-0.000 χ^2/NDF : 29668208824.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

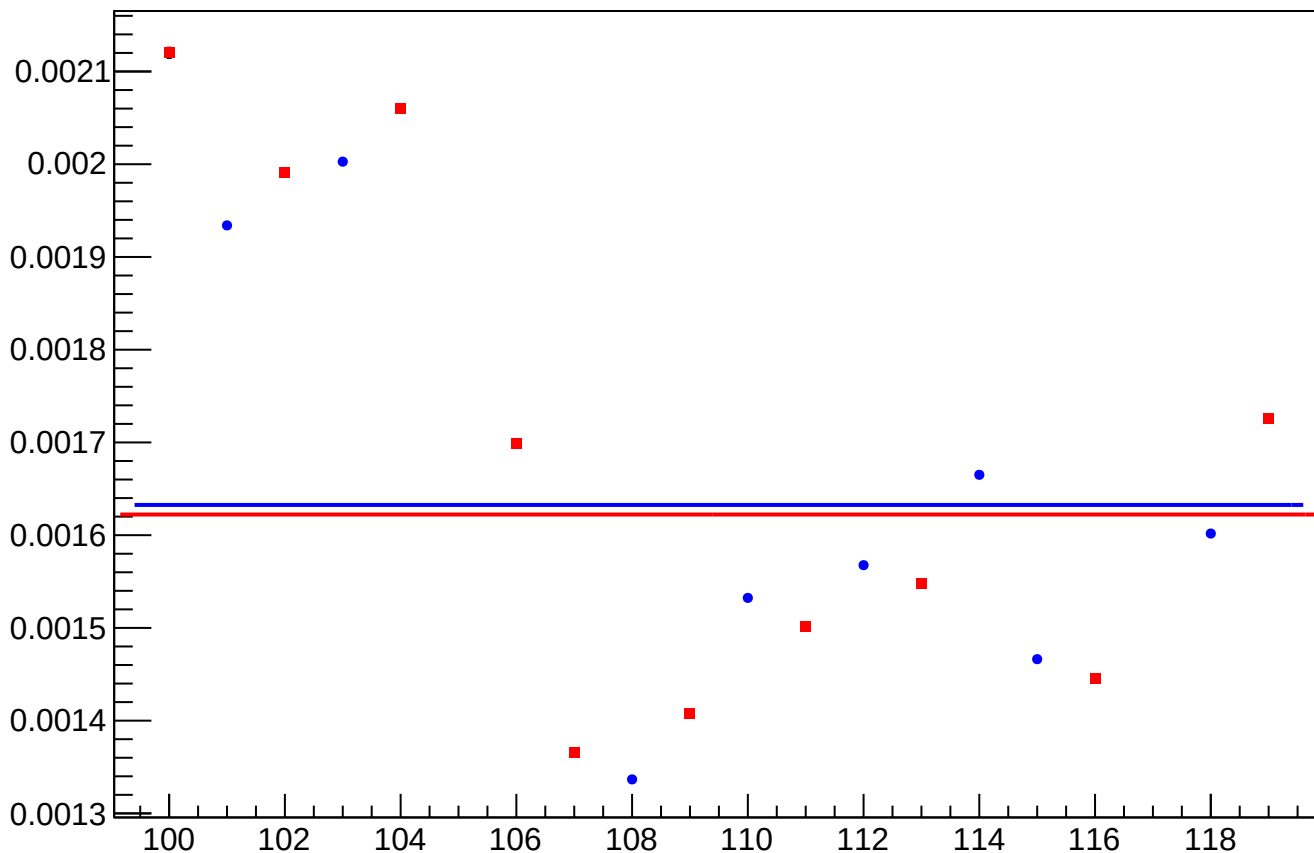
Right: -4.414+/-0.000 χ^2/NDF : 59924119643.7/17

In: -4.411+/-0.000 χ^2/NDF :30231517449.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.414+/-0.000 χ^2/NDF : 59924119643.7/17

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 119700.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 160887.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

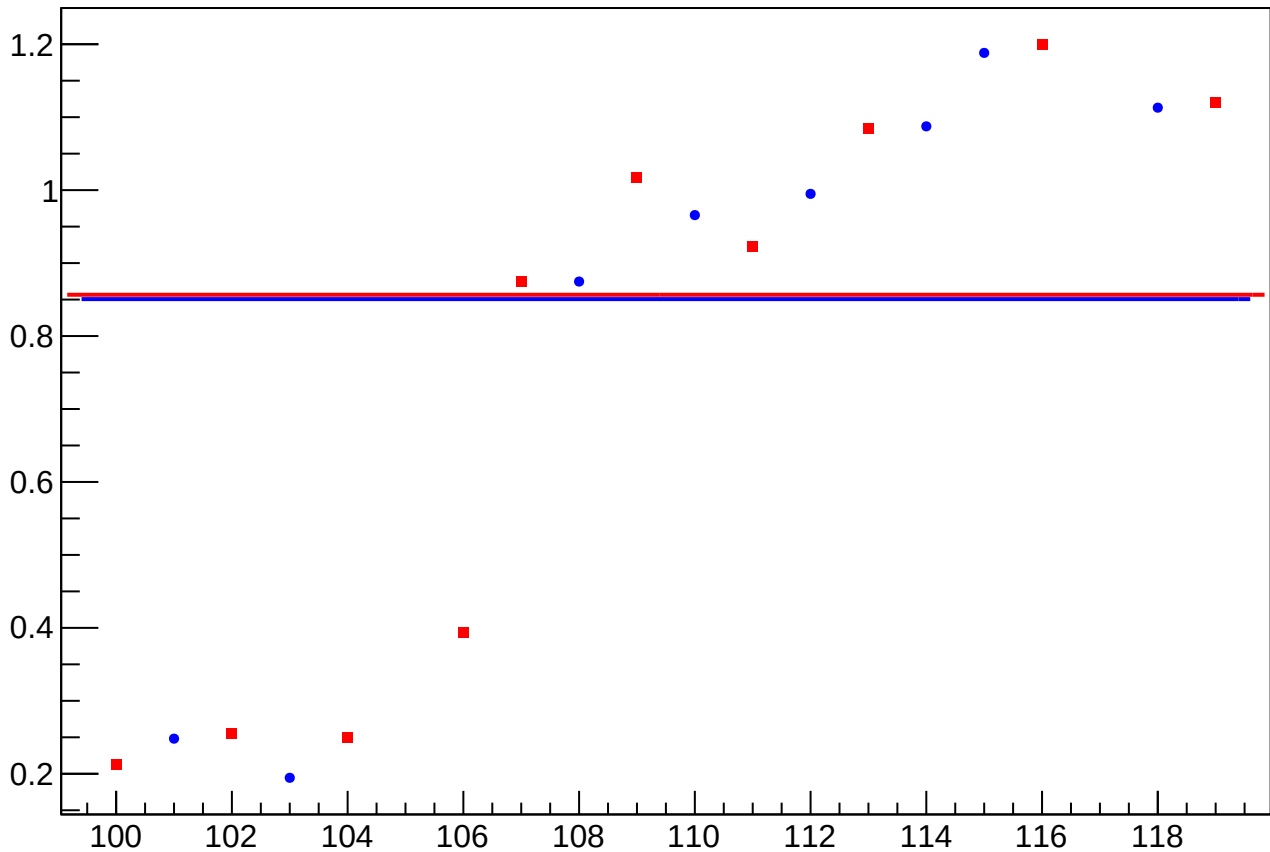
Right: 0.002+/-0.000 χ^2/NDF : 280729.6/17

In: 0.002+/-0.000 χ^2/NDF : 119700.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 280729.6/17

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.851+/-0.000 χ^2/NDF : 8758619344.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.857+/-0.000 χ^2/NDF : 11888539196.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

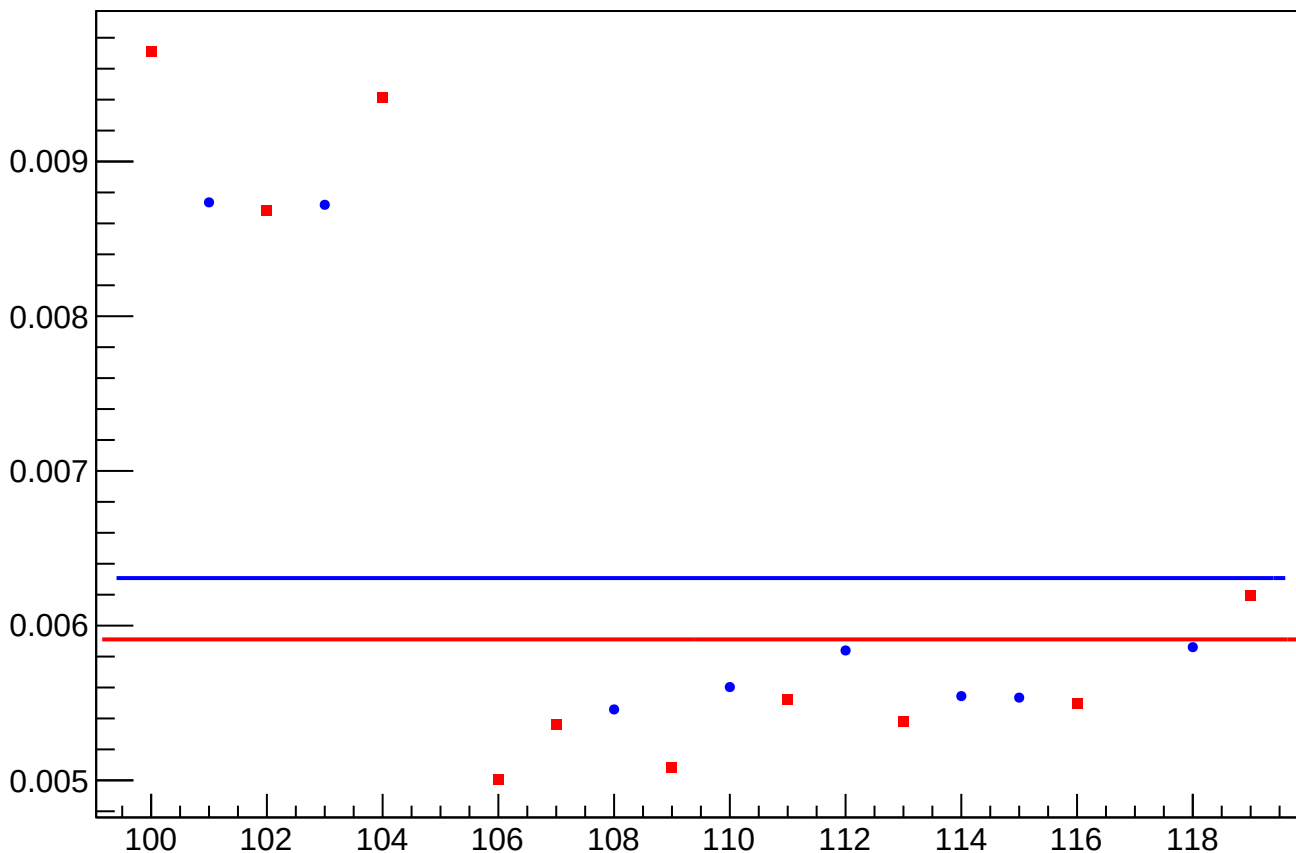
Right: 0.854+/-0.000 χ^2/NDF : 20648821544.3/17

In: 0.851+/-0.000 χ^2/NDF :8758619344.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.854+/-0.000 χ^2/NDF : 20648821544.3/17

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 245586.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 372046.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

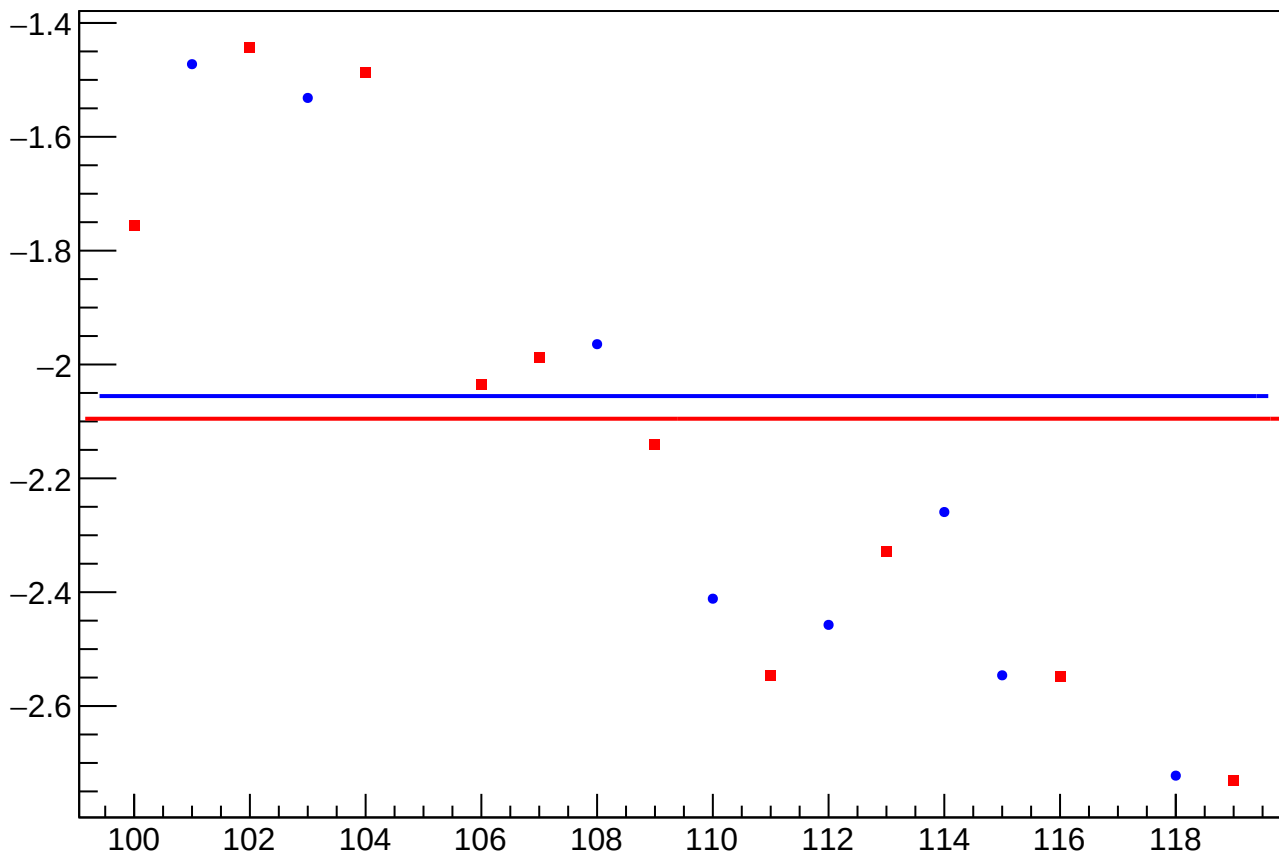
Right: 0.006+/-0.000 χ^2/NDF : 632315.3/17

In: 0.006+/-0.000 χ^2/NDF :245586.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 632315.3/17

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.055 ± 0.000 $\chi^2/\text{NDF}: 24417522657.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.095 ± 0.000 $\chi^2/\text{NDF}: 26030004560.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

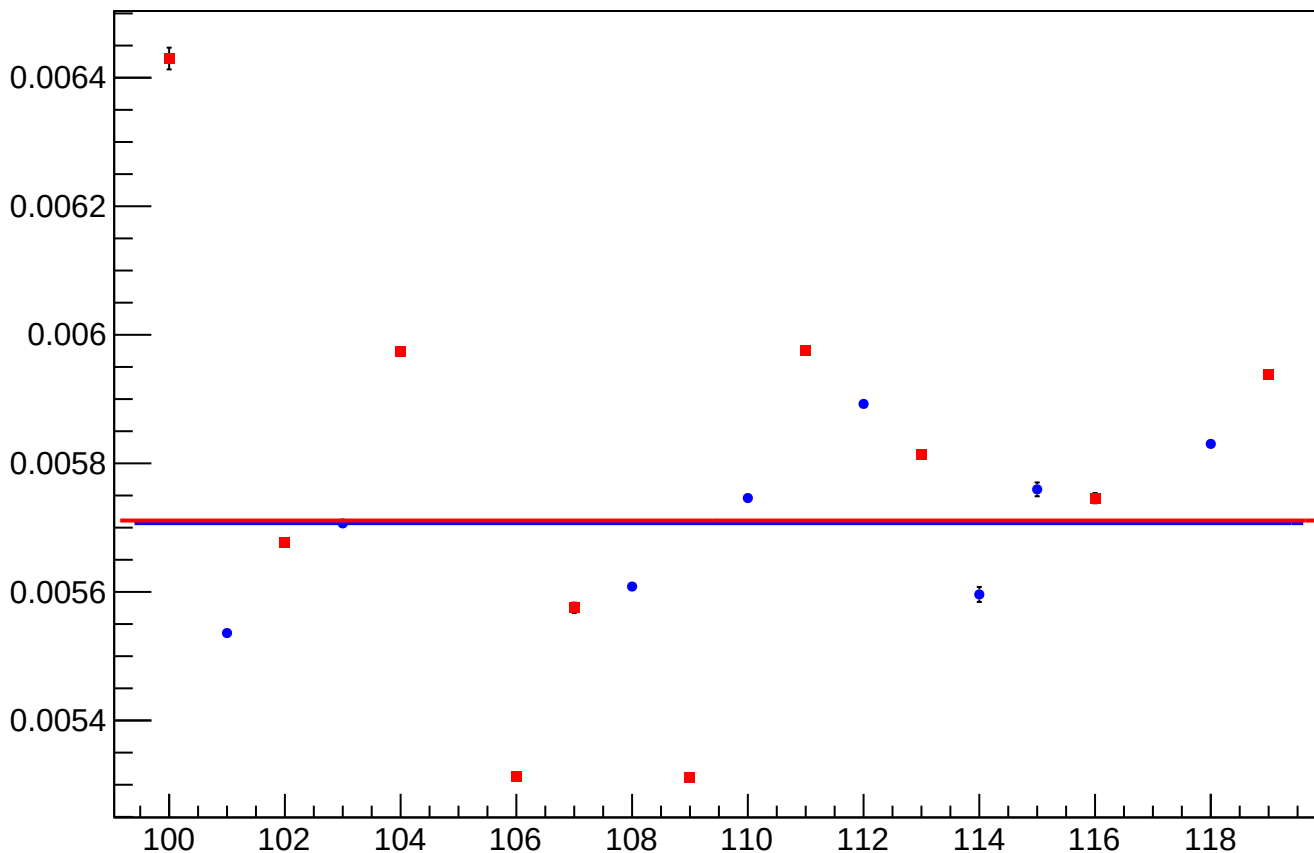
Right: -2.077 ± 0.000 $\chi^2/\text{NDF}: 50536706383.3/17$

In: -2.055 ± 0.000 $\chi^2/\text{NDF}: 24417522657.4/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.077 ± 0.000 $\chi^2/\text{NDF}: 50536706383.3/17$

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 3106.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 17664.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

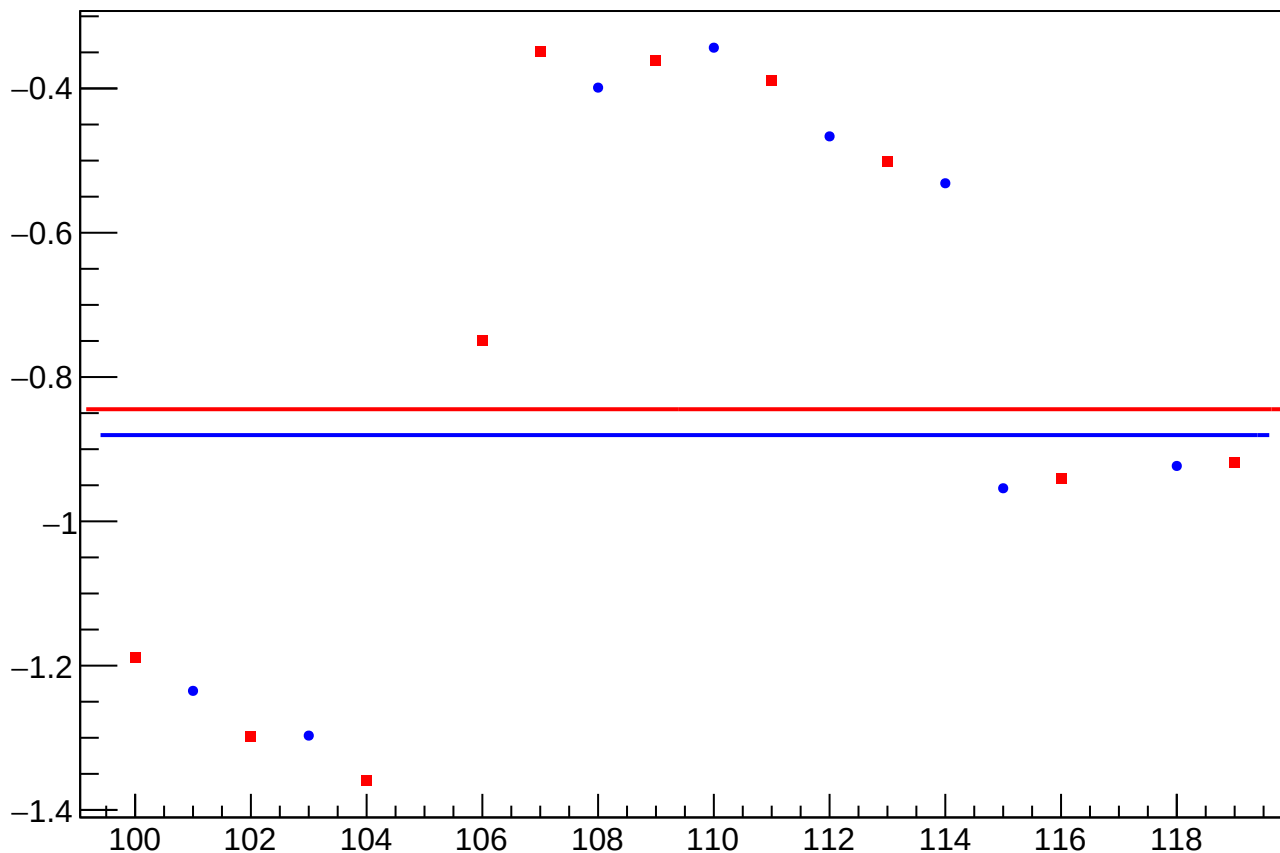
Right: 0.006+/-0.000 χ^2/NDF : 20773.2/17

In: 0.006+/-0.000 χ^2/NDF :3106.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 20773.2/17

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.880 ± 0.000 $\chi^2/\text{NDF}: 4094083484.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.845 ± 0.000 $\chi^2/\text{NDF}: 5639801517.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

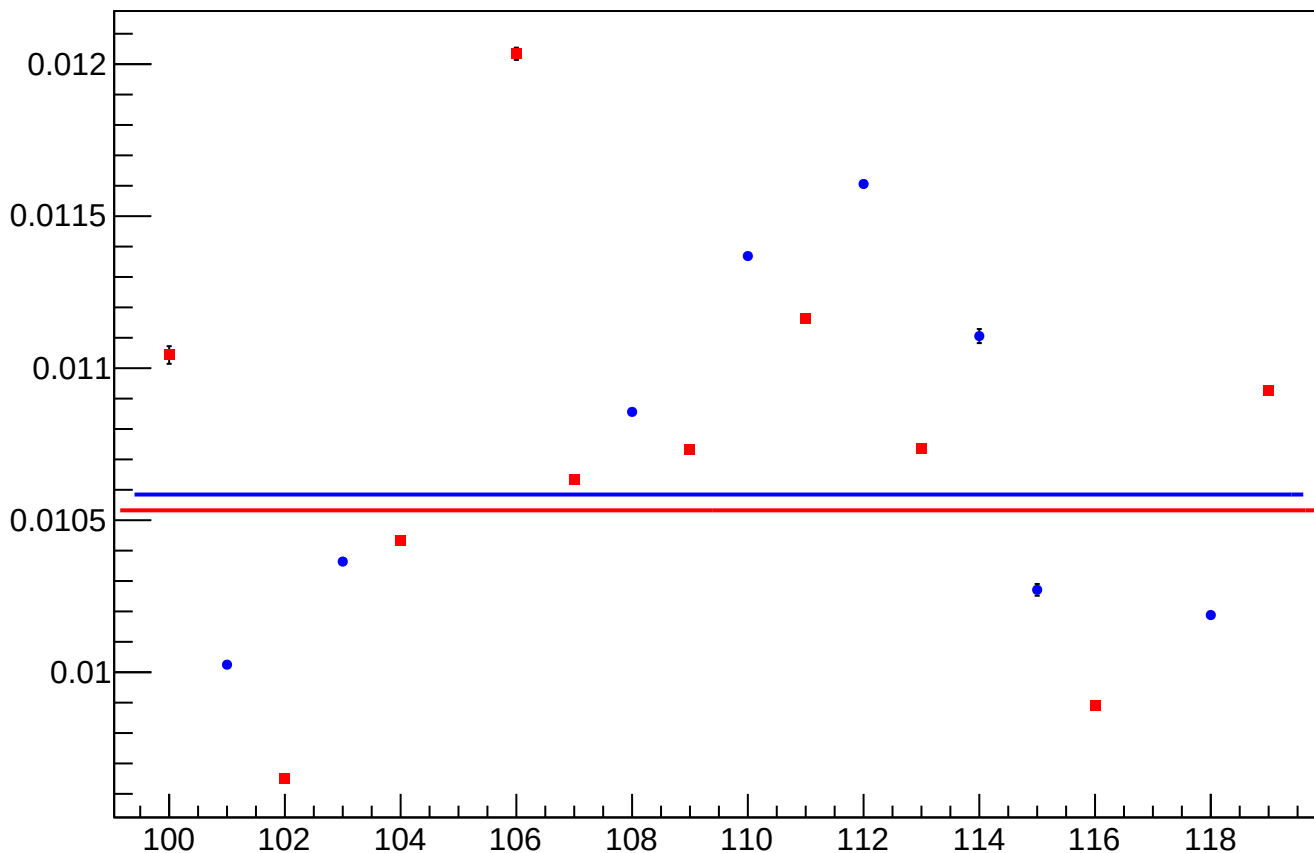
Right: -0.861 ± 0.000 $\chi^2/\text{NDF}: 9754388859.6/17$

In: -0.880 ± 0.000 $\chi^2/\text{NDF}: 4094083484.8/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.861 ± 0.000 $\chi^2/\text{NDF}: 9754388859.6/17$

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 18506.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 24040.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

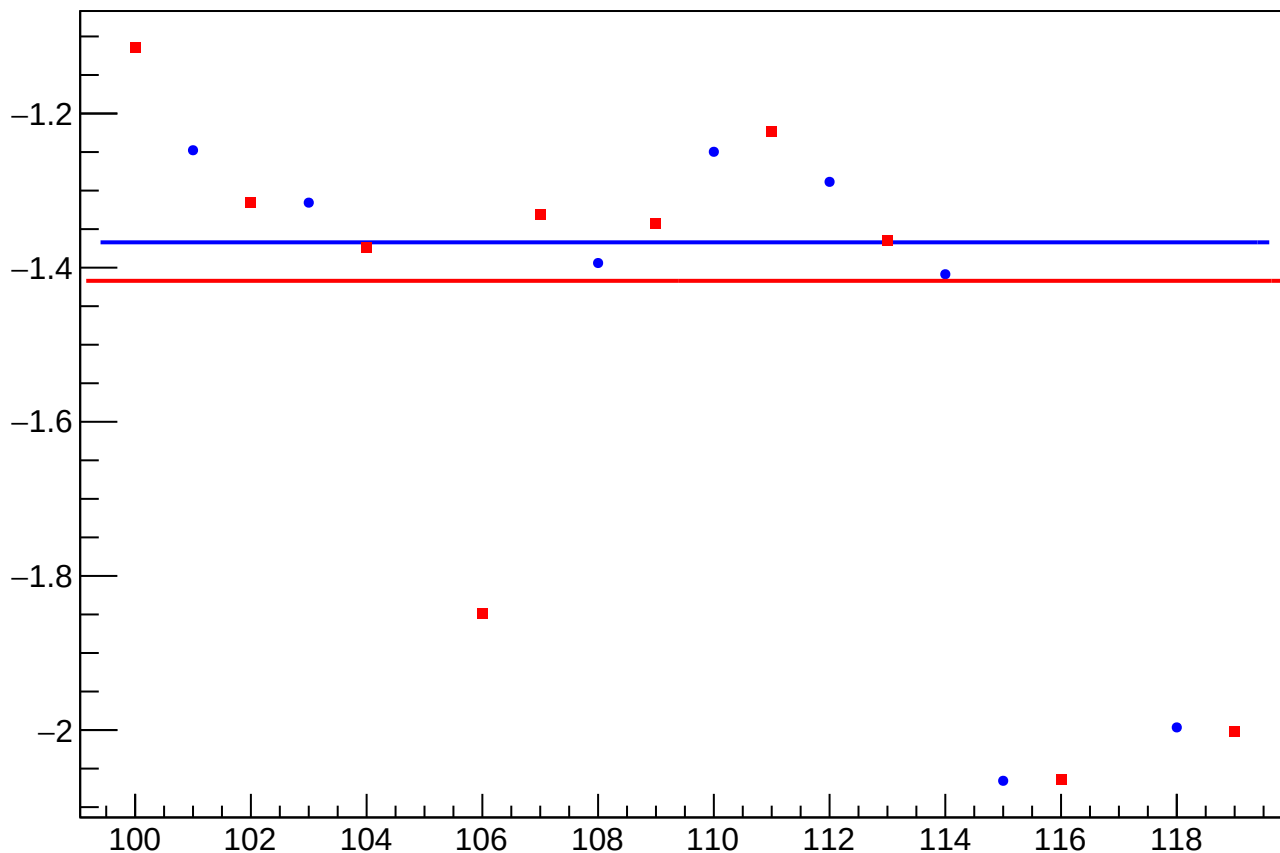
Right: 0.011+/-0.000 χ^2/NDF : 42633.1/17

In: 0.011+/-0.000 χ^2/NDF : 18506.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 42633.1/17

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.367+/-0.000 χ^2/NDF : 30404795696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.417+/-0.000 χ^2/NDF : 40176154307.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

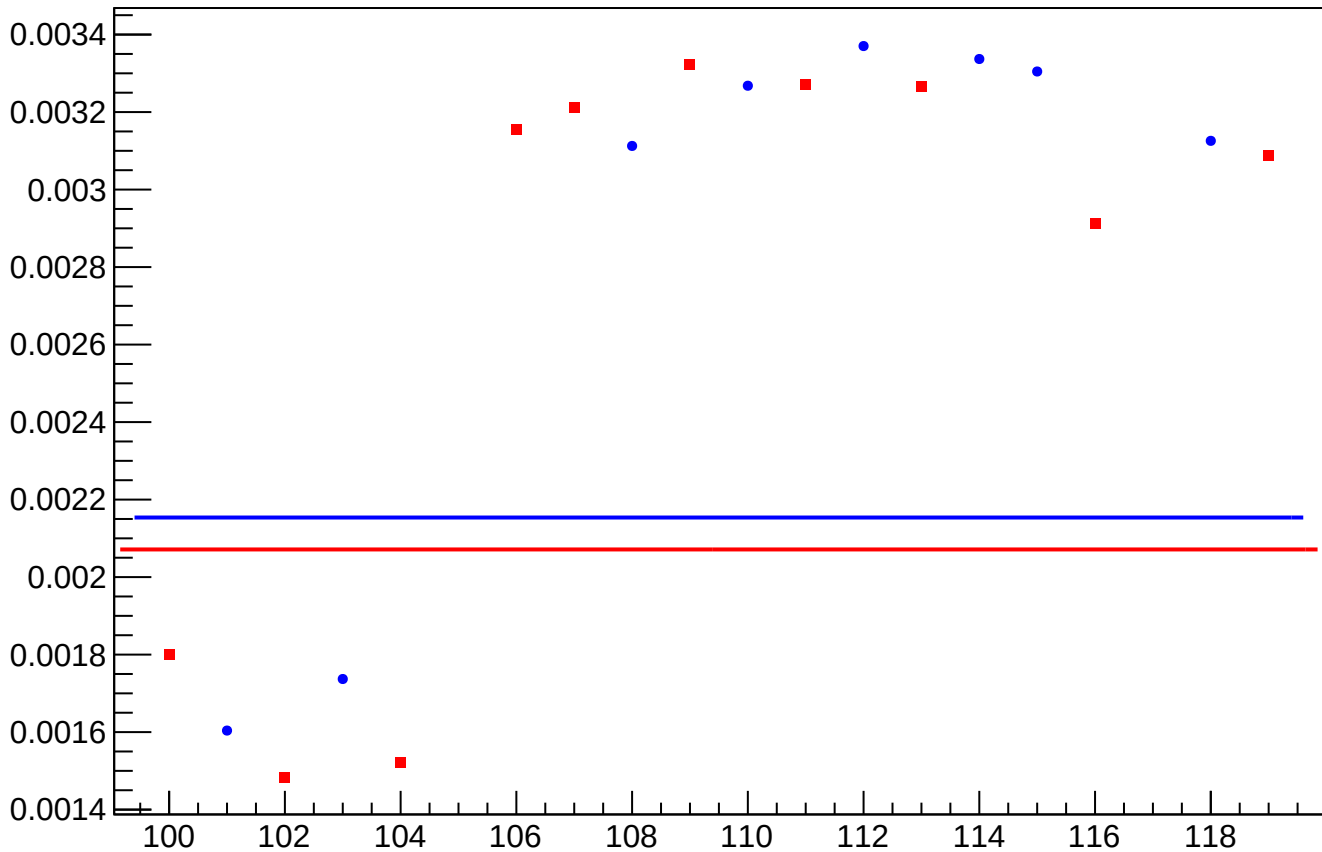
Right: -1.395+/-0.000 χ^2/NDF : 71381125146.6/17

In: -1.367+/-0.000 χ^2/NDF :30404795696.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.395+/-0.000 χ^2/NDF : 71381125146.6/17

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 611703.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 916828.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

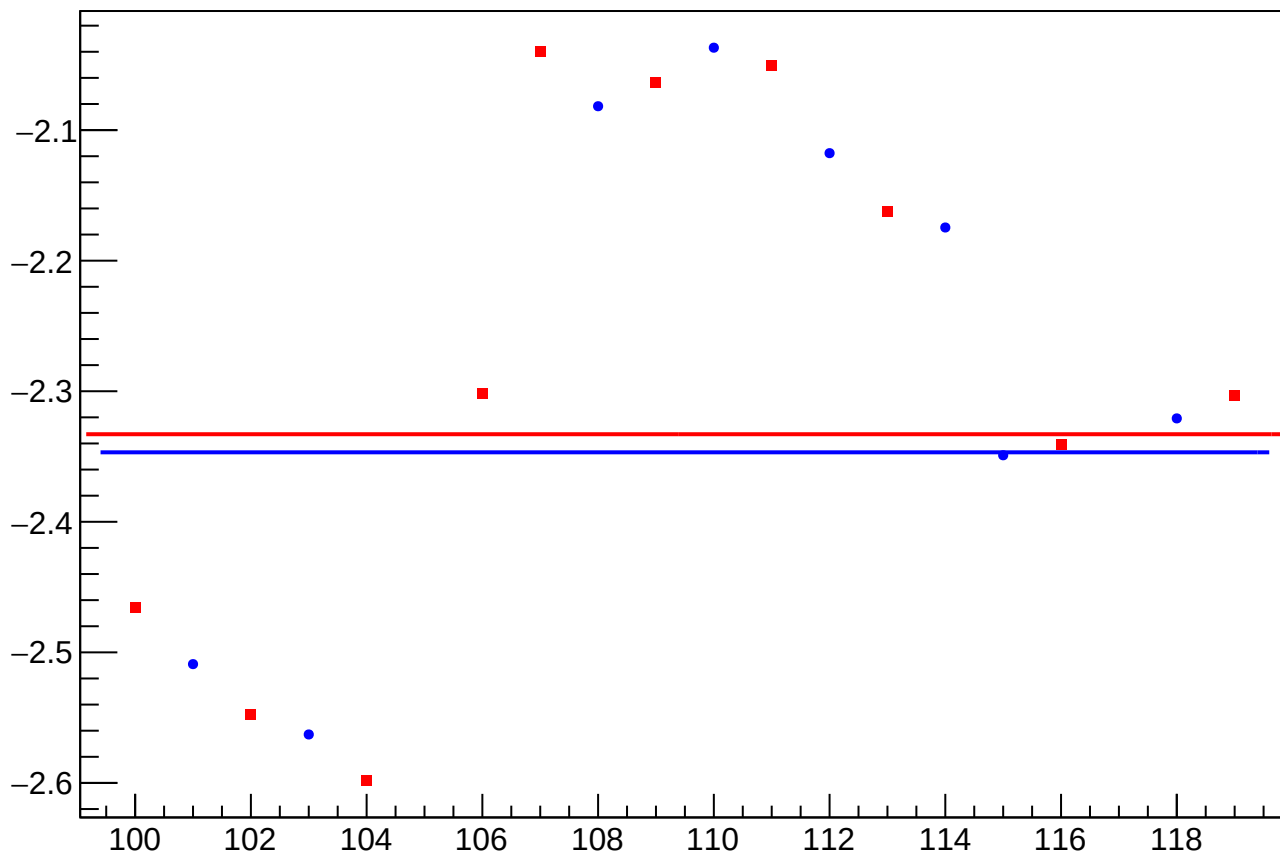
Right: 0.002+/-0.000 χ^2/NDF : 1532885.5/17

In: 0.002+/-0.000 χ^2/NDF :611703.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1532885.5/17

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.347+/-0.000 χ^2/NDF : 3143229565.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.333+/-0.000 χ^2/NDF : 4441499907.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

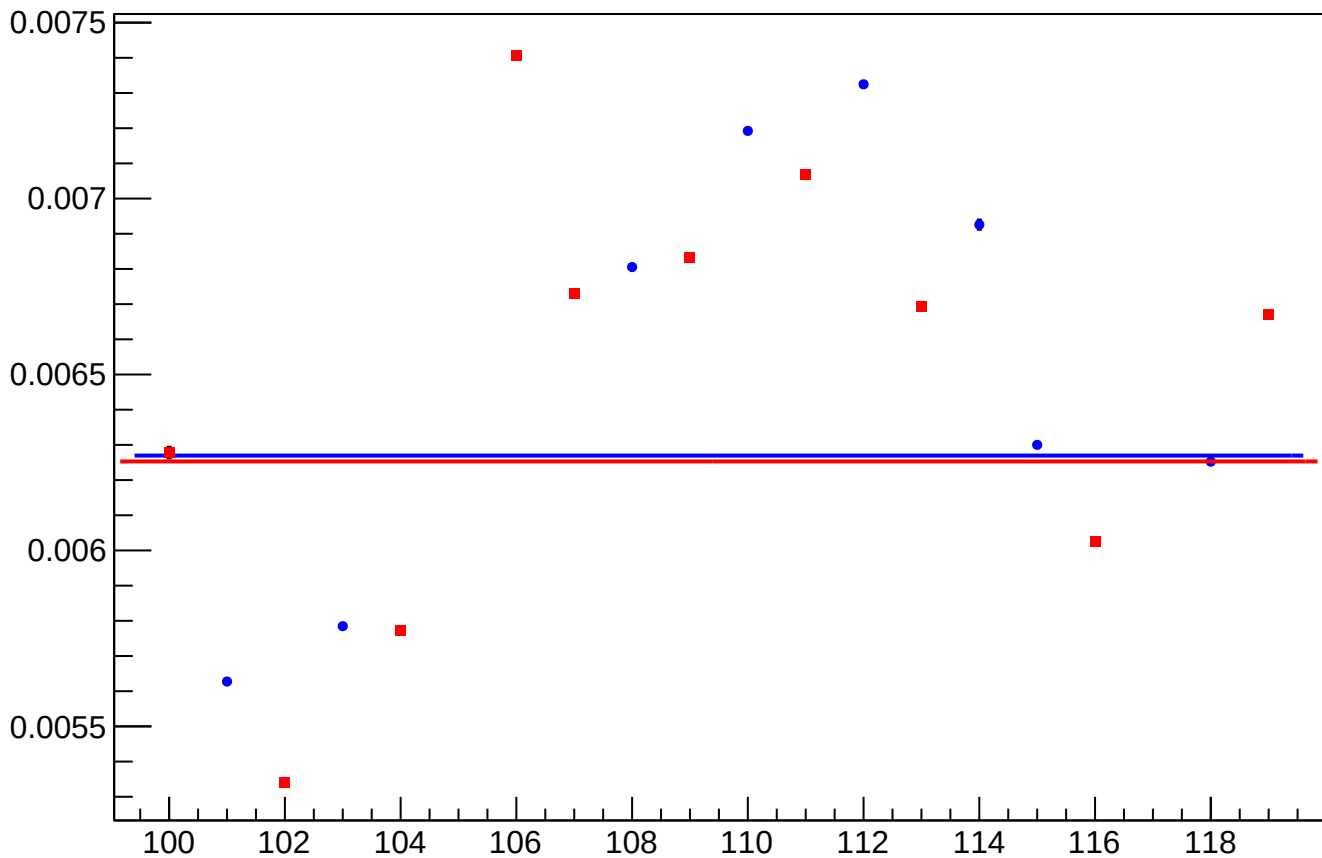
Right: -2.339+/-0.000 χ^2/NDF : 7593286652.4/17

In: -2.347+/-0.000 χ^2/NDF :3143229565.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.339+/-0.000 χ^2/NDF : 7593286652.4/17

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 63591.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 83993.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

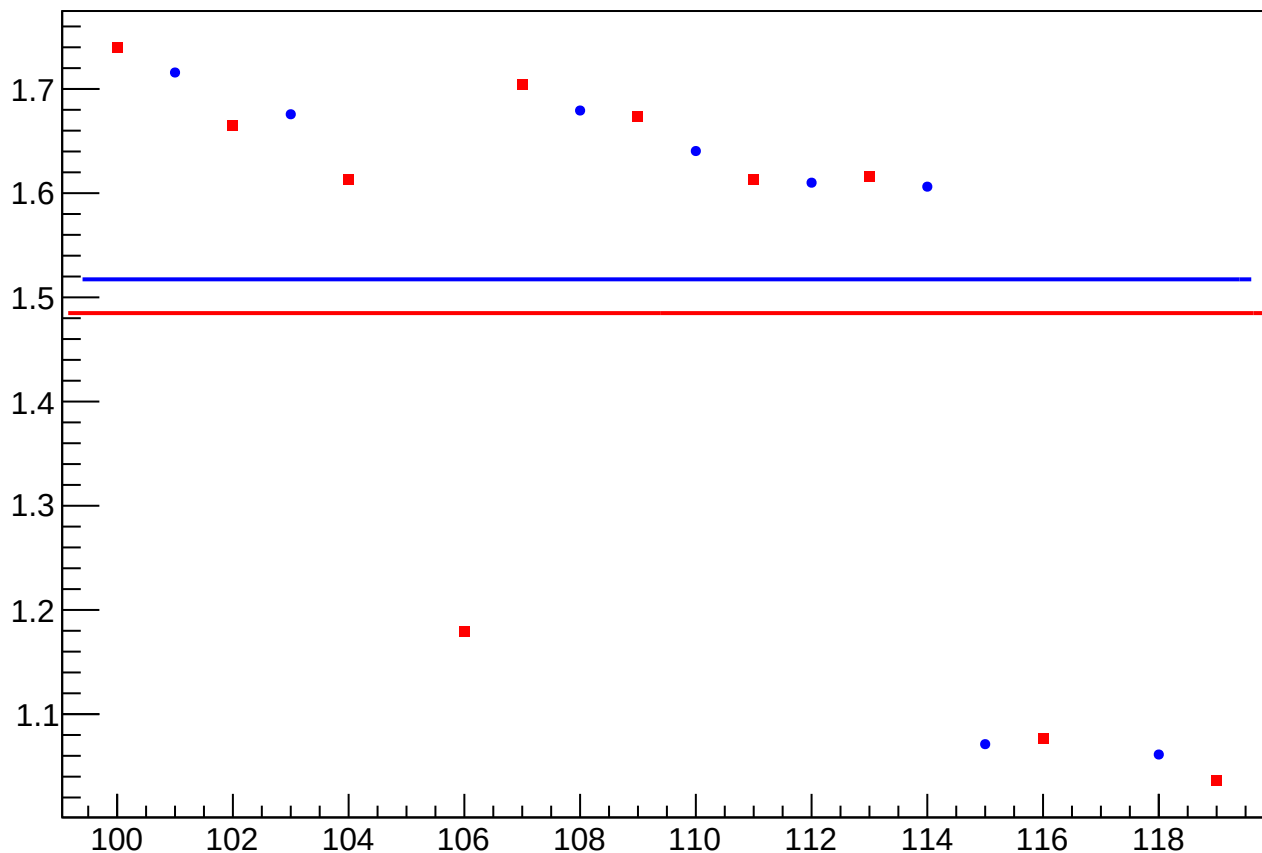
Right: 0.006+/-0.000 χ^2/NDF : 147610.1/17

In: 0.006+/-0.000 χ^2/NDF :63591.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 147610.1/17

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.517+/-0.000 χ^2/NDF : 46932462309.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.485+/-0.000 χ^2/NDF : 58993984614.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

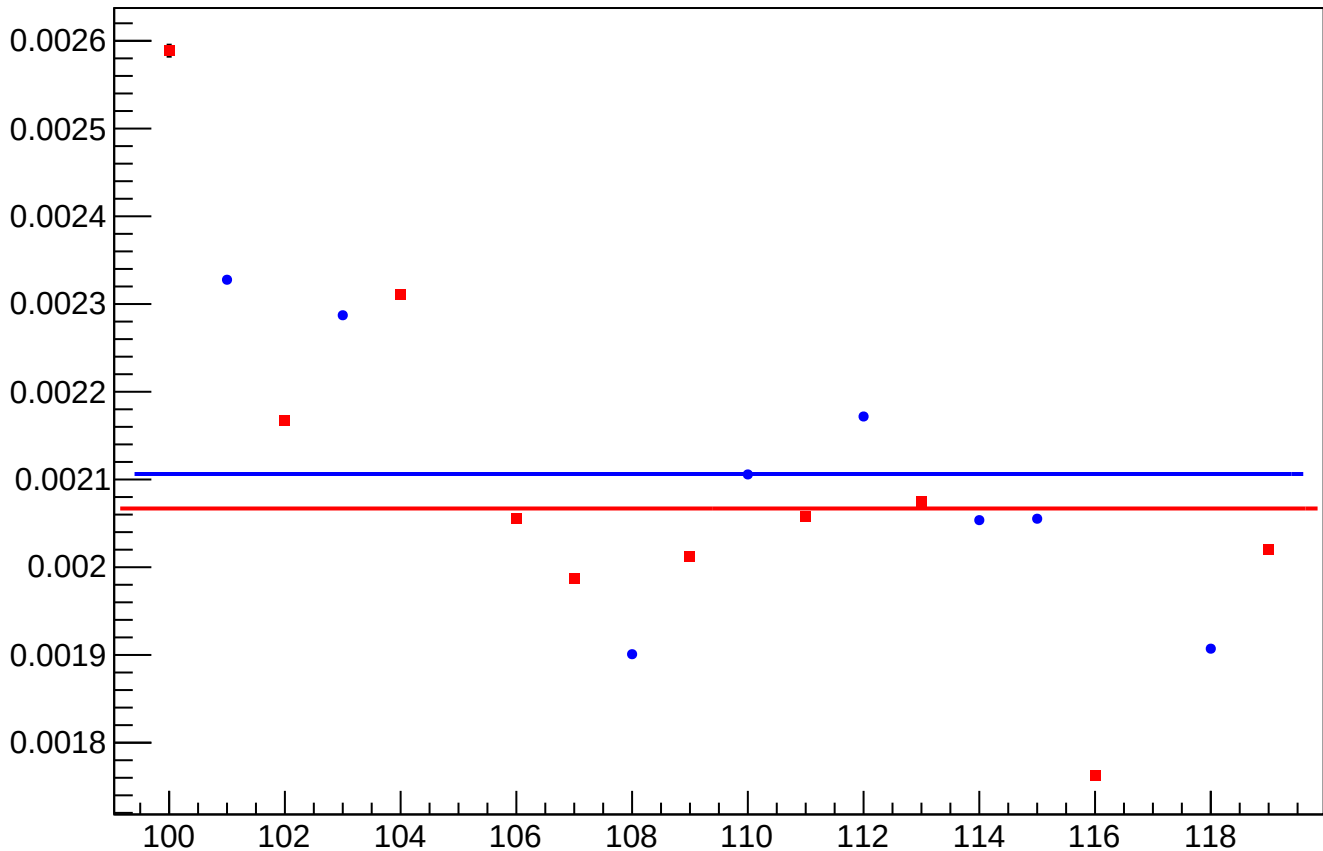
Right: 1.499+/-0.000 χ^2/NDF : 106328935642.7/17

In: 1.517+/-0.000 χ^2/NDF : 46932462309.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.499+/-0.000 χ^2/NDF : 106328935642.7

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 38920.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 36579.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

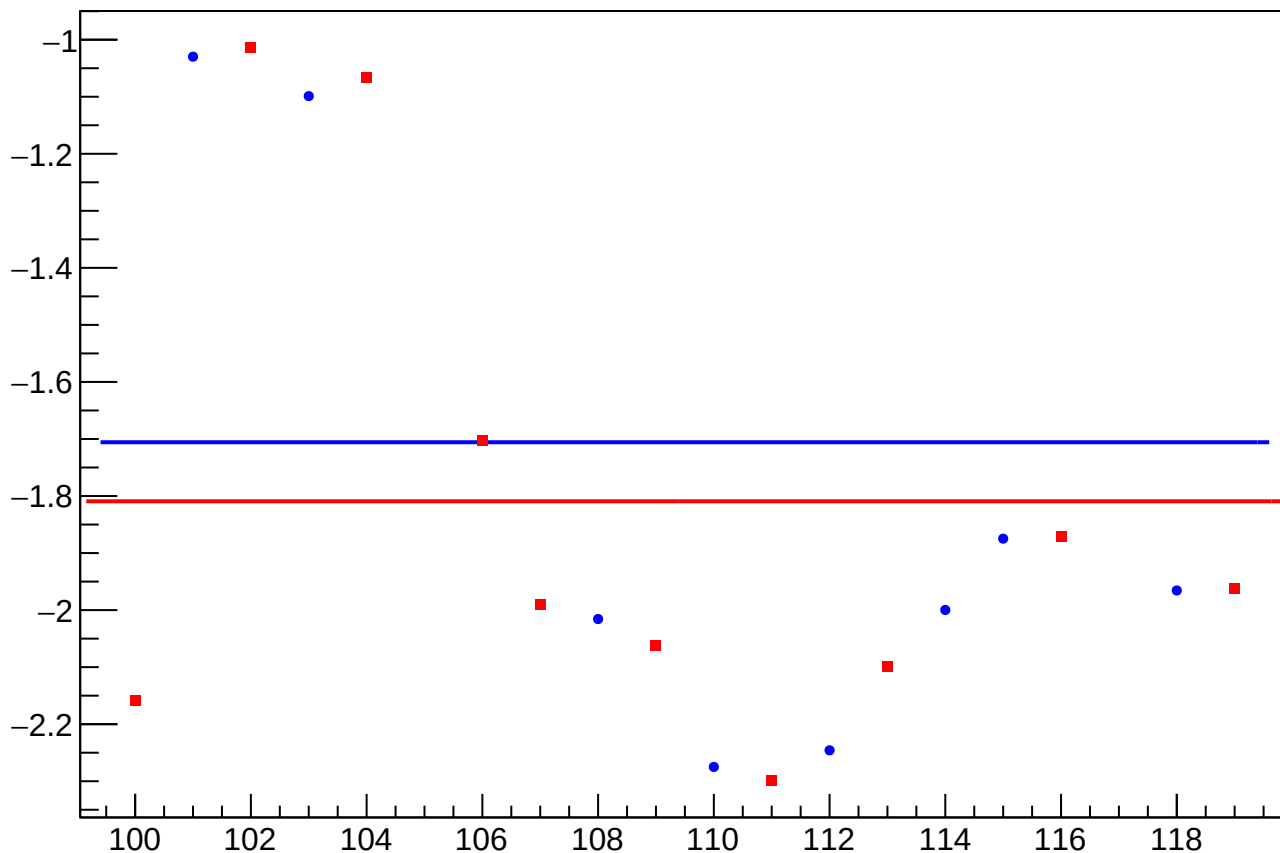
Right: 0.002+/-0.000 χ^2/NDF : 76684.1/17

In: 0.002+/-0.000 χ^2/NDF : 38920.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 76684.1/17

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.706+/-0.000 χ^2/NDF : 16449265997.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.809+/-0.000 χ^2/NDF : 18784543797.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

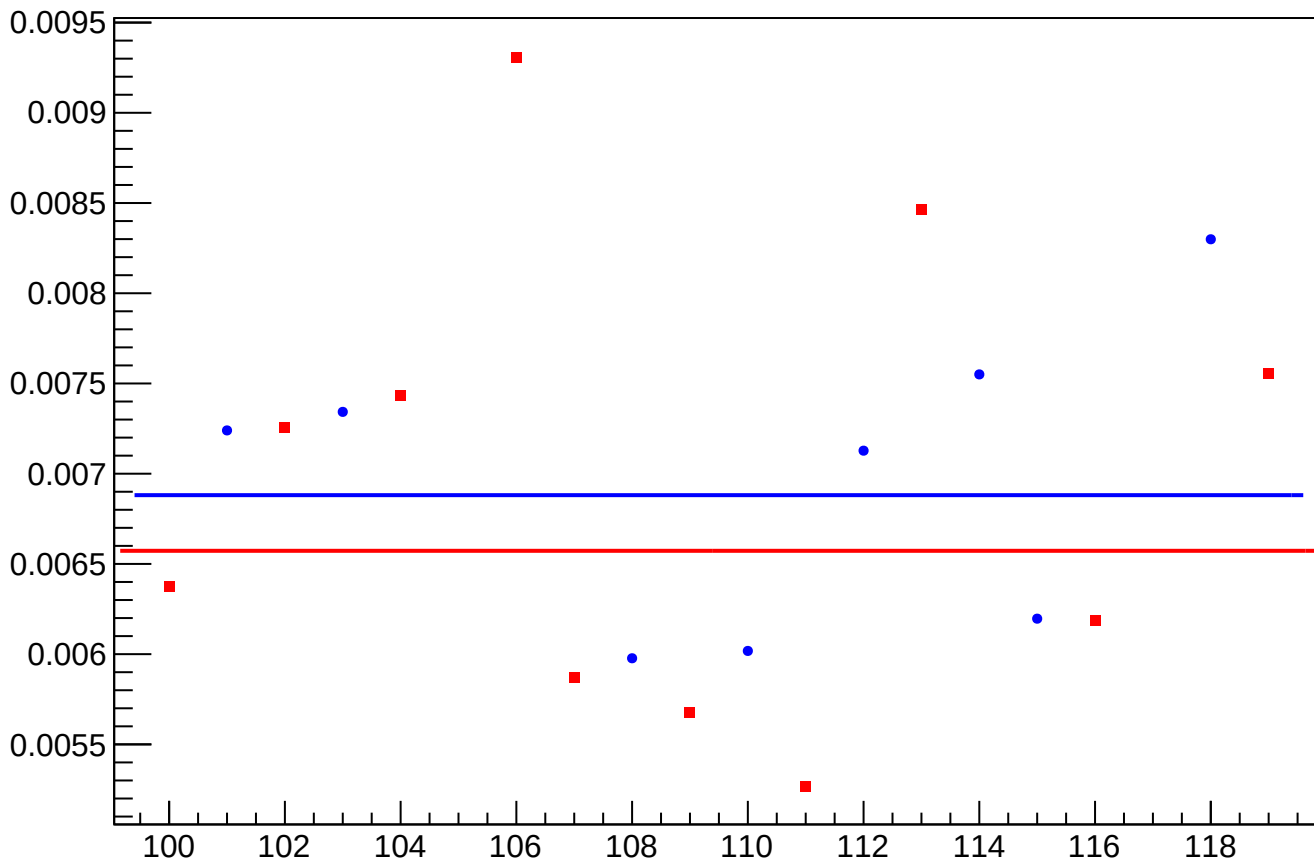
Right: -1.766+/-0.000 χ^2/NDF : 35616044413.4/17

In: -1.706+/-0.000 χ^2/NDF :16449265997.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.766+/-0.000 χ^2/NDF : 35616044413.4/17

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 66797.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 208771.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

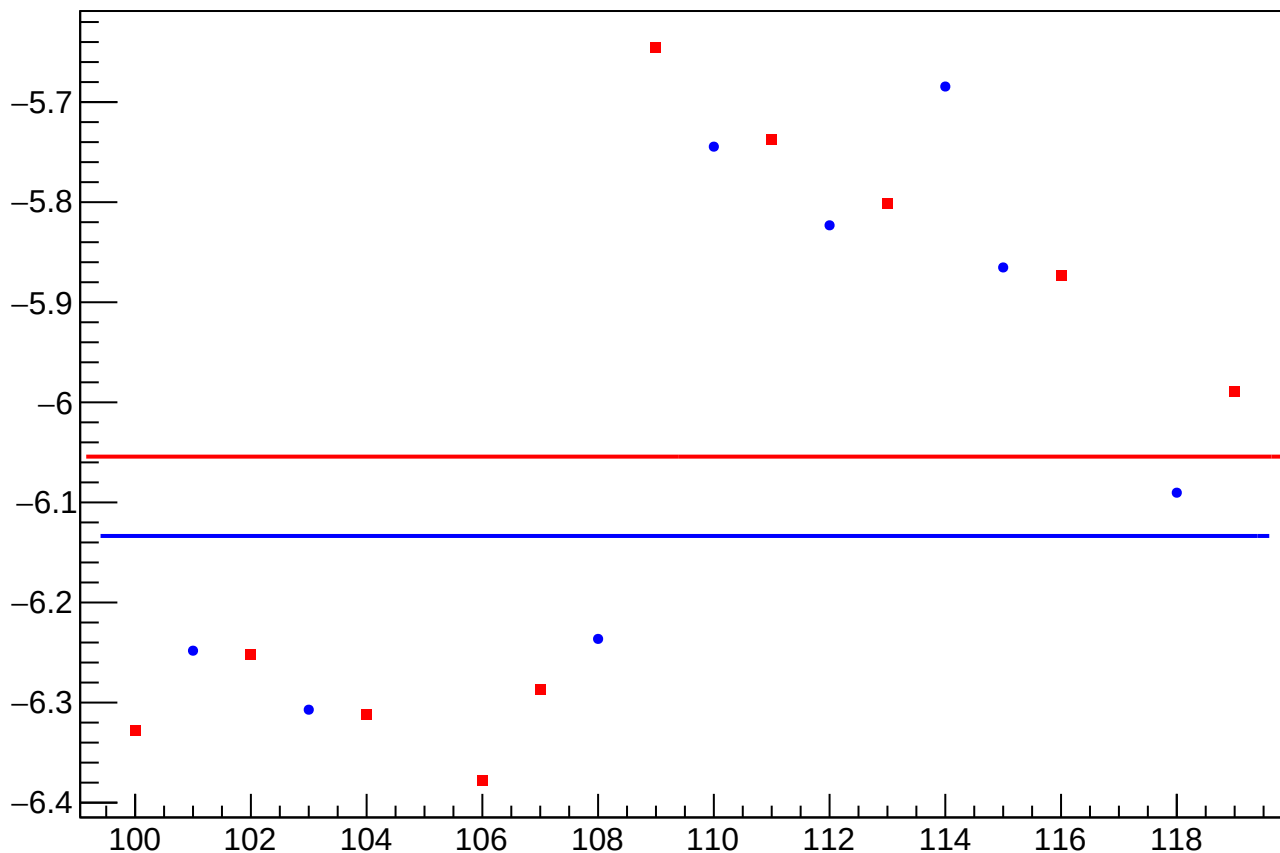
Right: 0.007+/-0.000 χ^2/NDF : 282355.7/17

In: 0.007+/-0.000 χ^2/NDF : 66797.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 282355.7/17

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.134+/-0.000 χ^2/NDF : 3654735525.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.054+/-0.000 χ^2/NDF : 7861295137.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

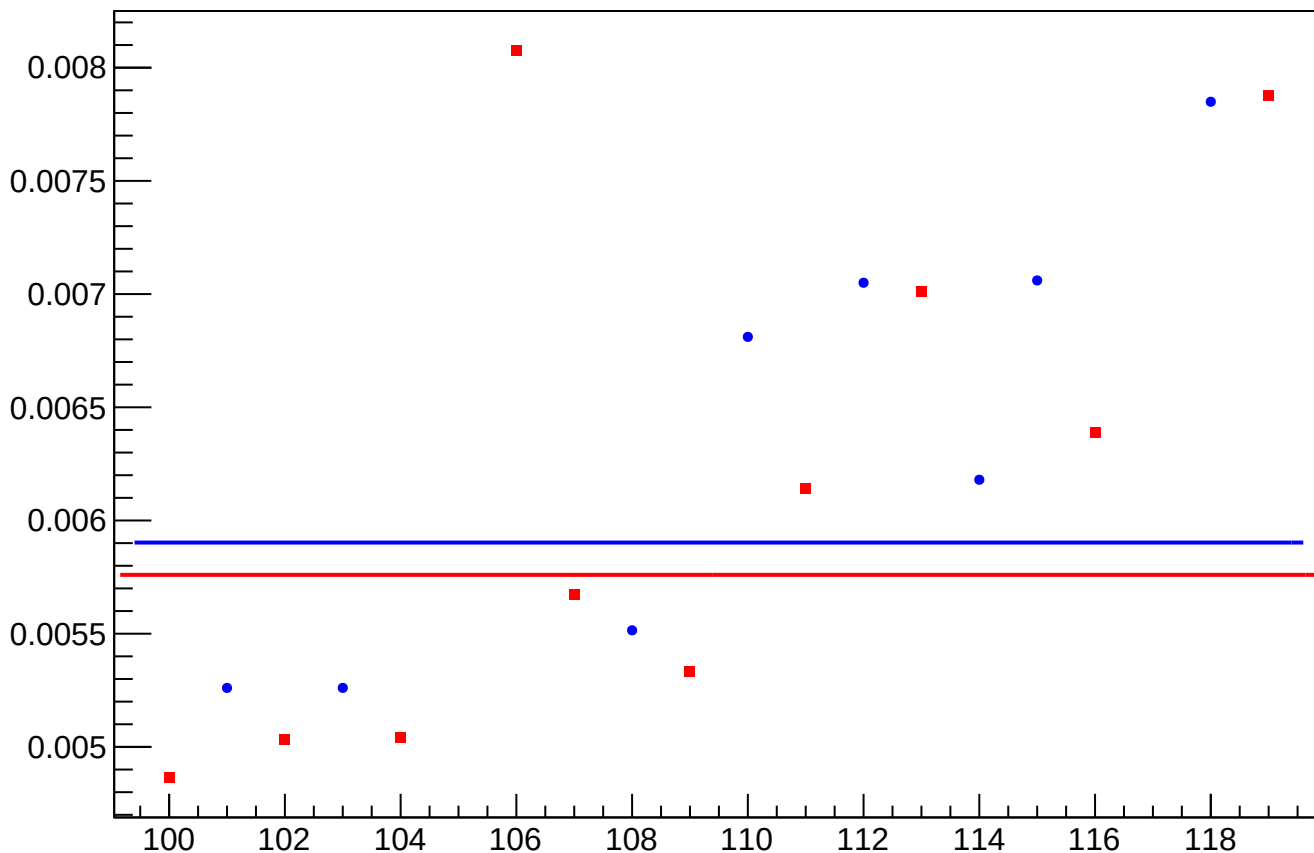
Right: -6.089+/-0.000 χ^2/NDF : 11809849790.1/17

In: -6.134+/-0.000 χ^2/NDF :3654735525.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.089+/-0.000 χ^2/NDF : 11809849790.1/17

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 131603.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 198007.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

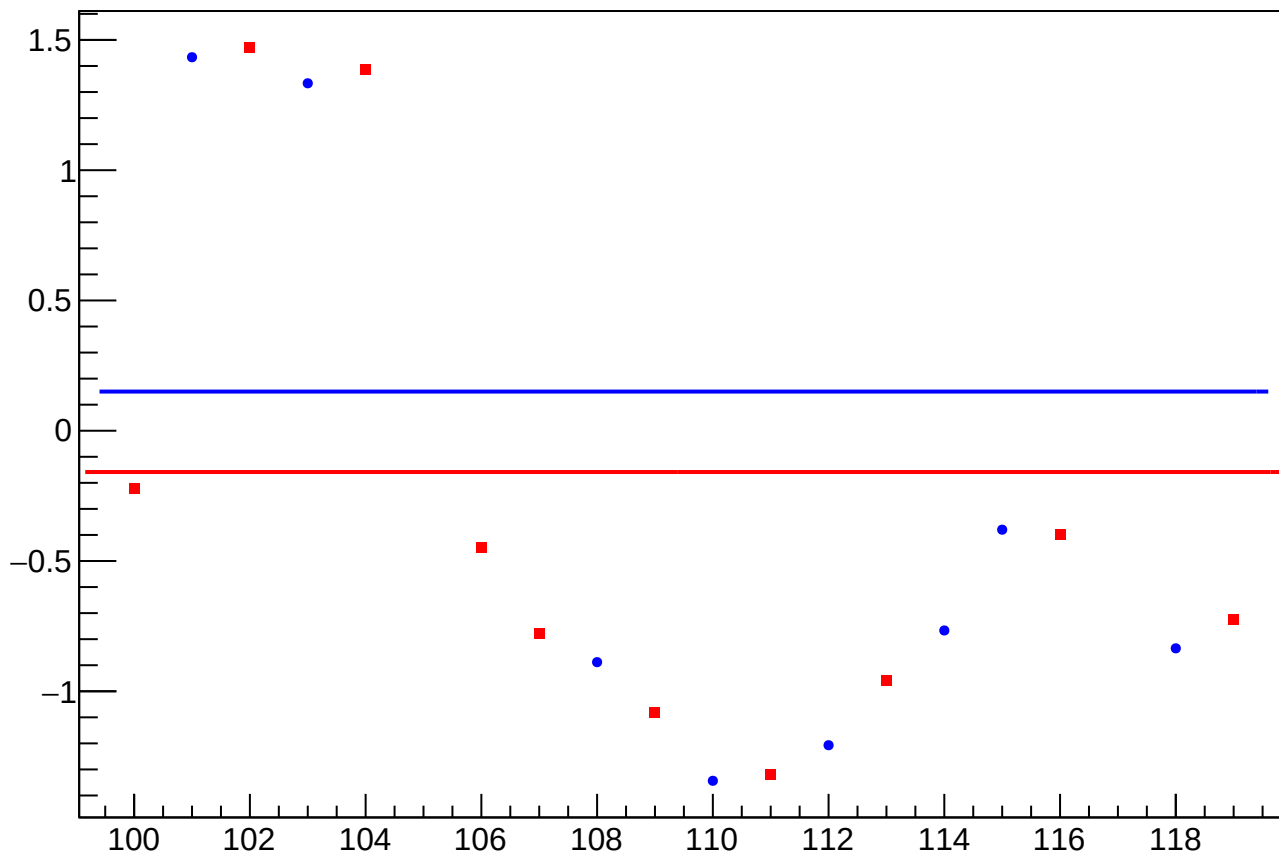
Right: 0.006+/-0.000 χ^2/NDF : 331515.1/17

In: 0.006+/-0.000 χ^2/NDF : 131603.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 331515.1/17

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.150+/-0.000 χ^2/NDF : 17102092773.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.158+/-0.000 χ^2/NDF : 21236299515.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

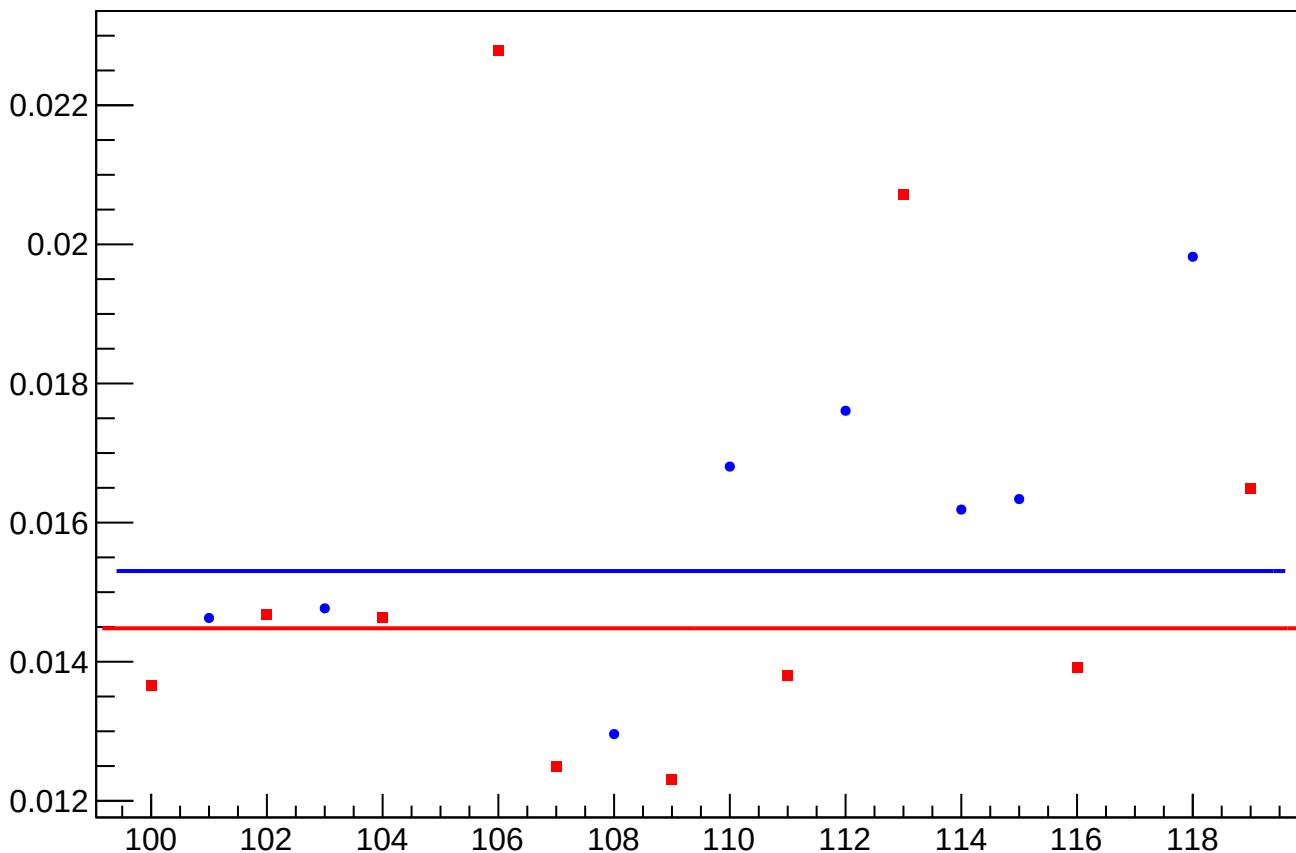
Right: -0.030+/-0.000 χ^2/NDF : 39005856407.2/17

In: 0.150+/-0.000 χ^2/NDF :17102092773.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.030+/-0.000 χ^2/NDF : 39005856407.2/17

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 83561.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 176230.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

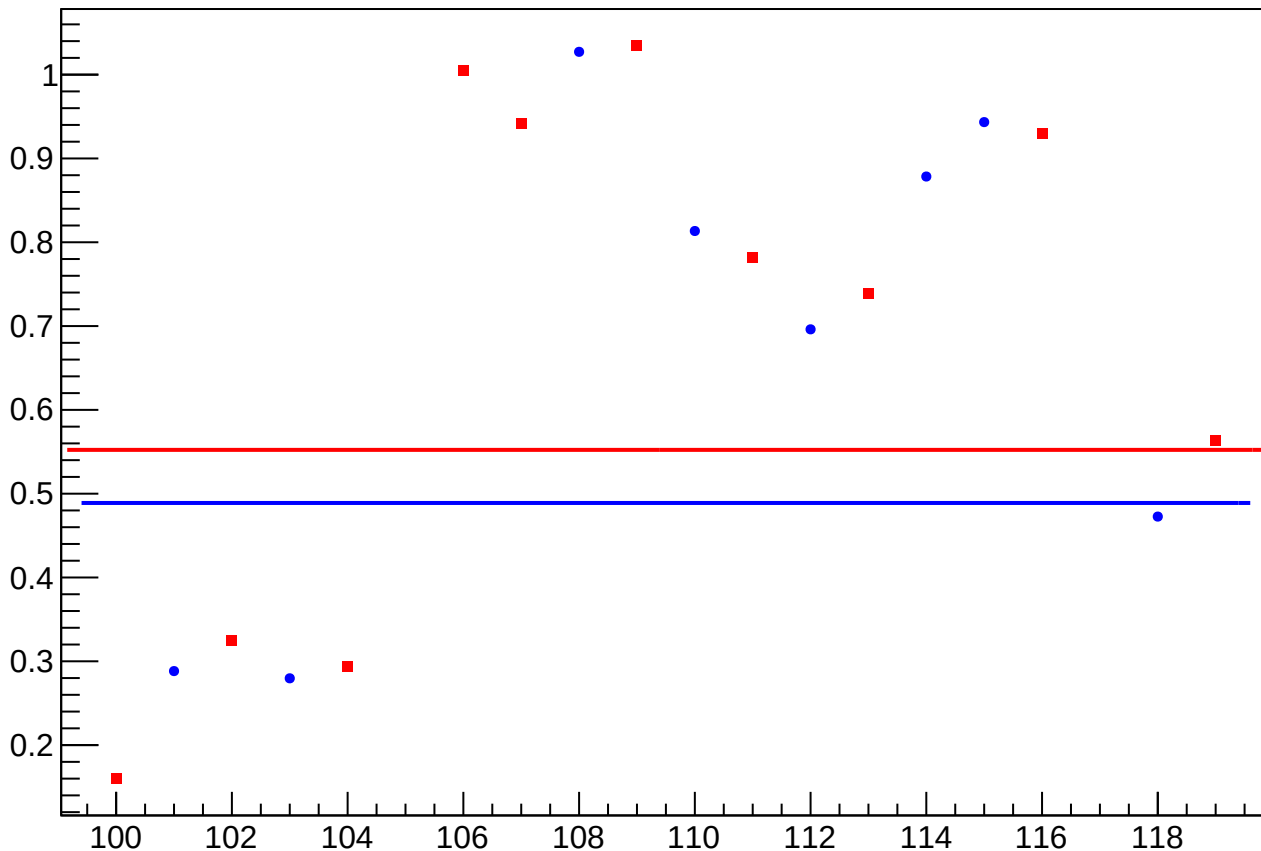
Right: 0.015+/-0.000 χ^2/NDF : 269279.9/17

In: 0.015+/-0.000 χ^2/NDF :83561.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 269279.9/17

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.489+/-0.000 χ^2/NDF : 3596685332.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.552+/-0.000 χ^2/NDF : 4789359302.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

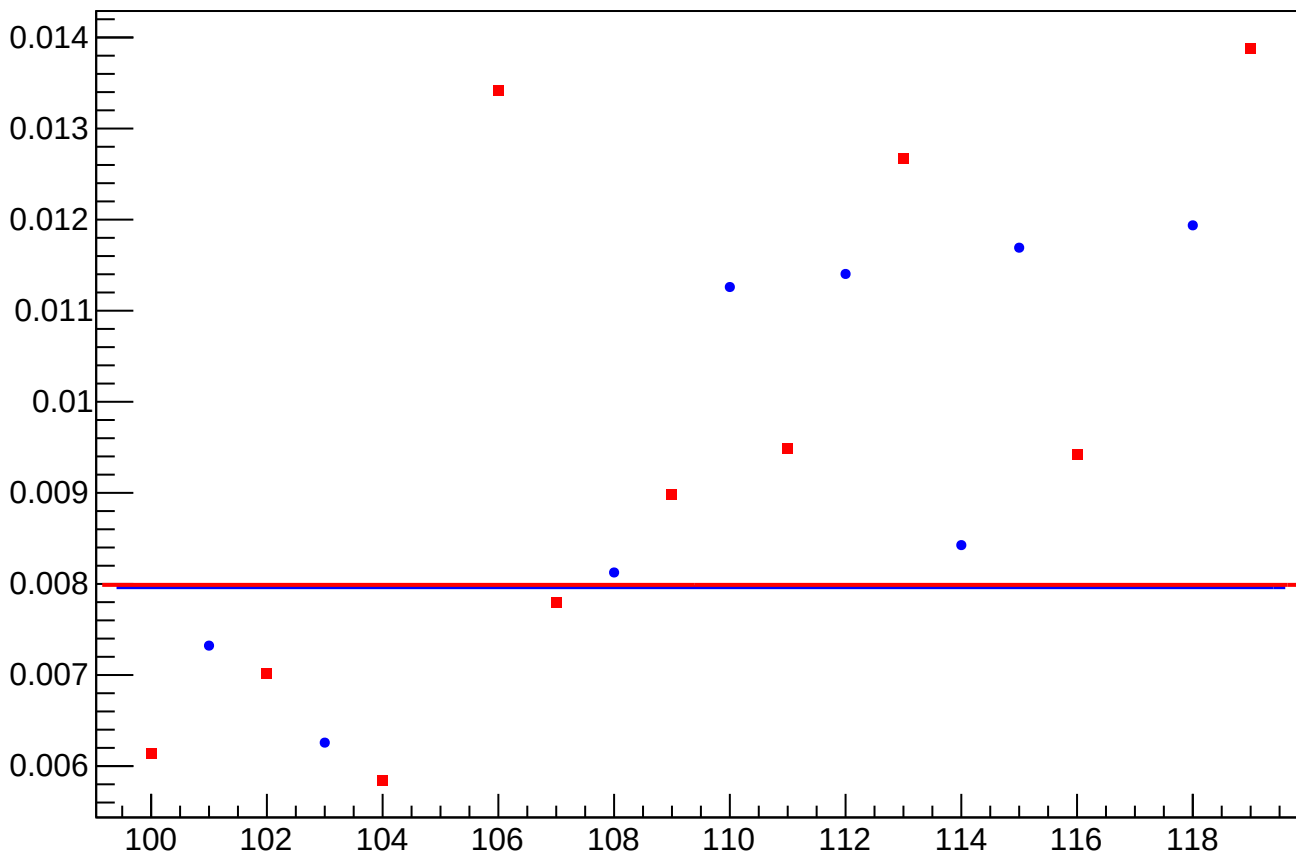
Right: 0.524+/-0.000 χ^2/NDF : 8480012962.1/17

In: 0.489+/-0.000 χ^2/NDF : 3596685332.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.524+/-0.000 χ^2/NDF : 8480012962.1/17

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 321024.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 544715.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

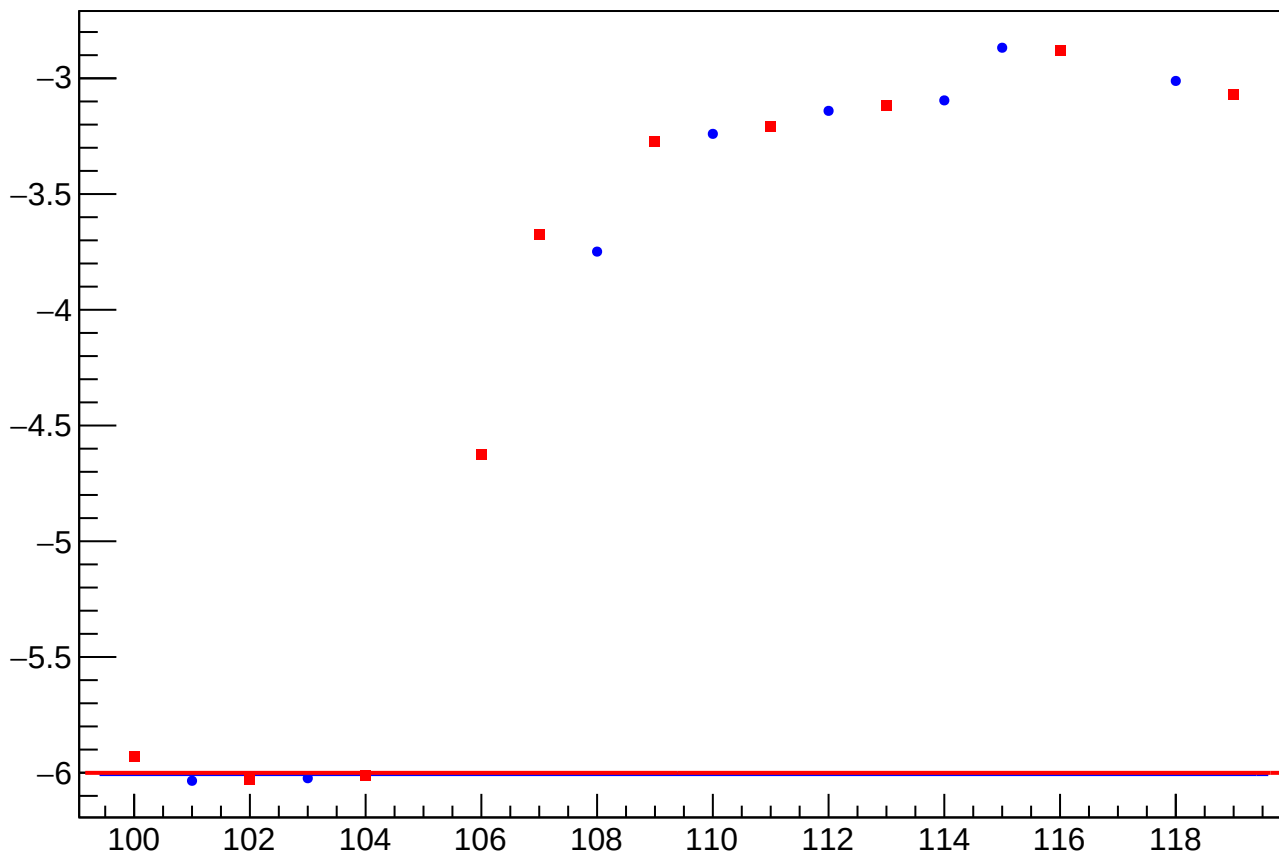
Right: 0.008+/-0.000 χ^2/NDF : 865769.6/17

In: 0.008+/-0.000 χ^2/NDF : 321024.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 865769.6/17

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.006+/-0.000 χ^2/NDF : 2934672438.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.001+/-0.000 χ^2/NDF : 2183307023.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

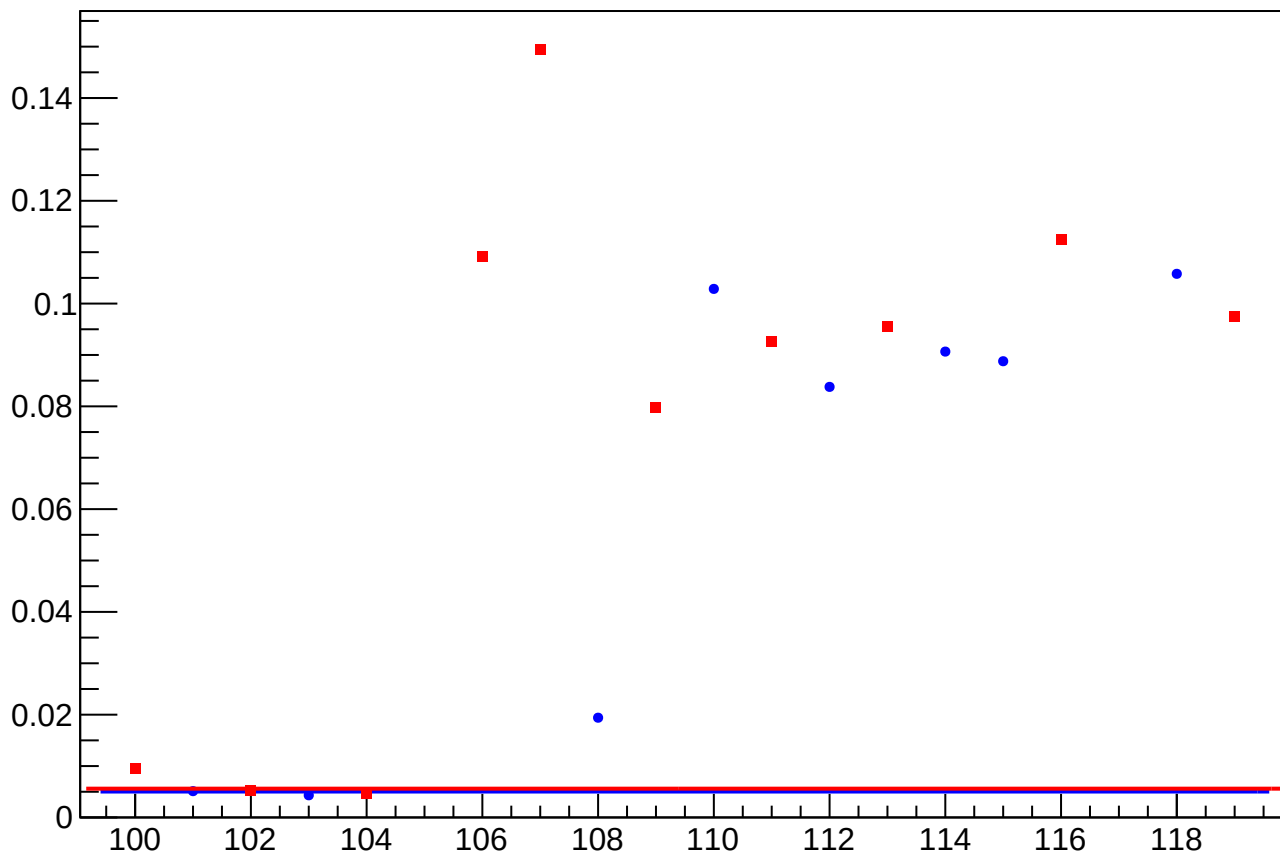
Right: -6.003+/-0.000 χ^2/NDF : 5118634938.2/17

In: -6.006+/-0.000 χ^2/NDF :2934672438.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.003+/-0.000 χ^2/NDF : 5118634938.2/1

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 2927169.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4822995.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

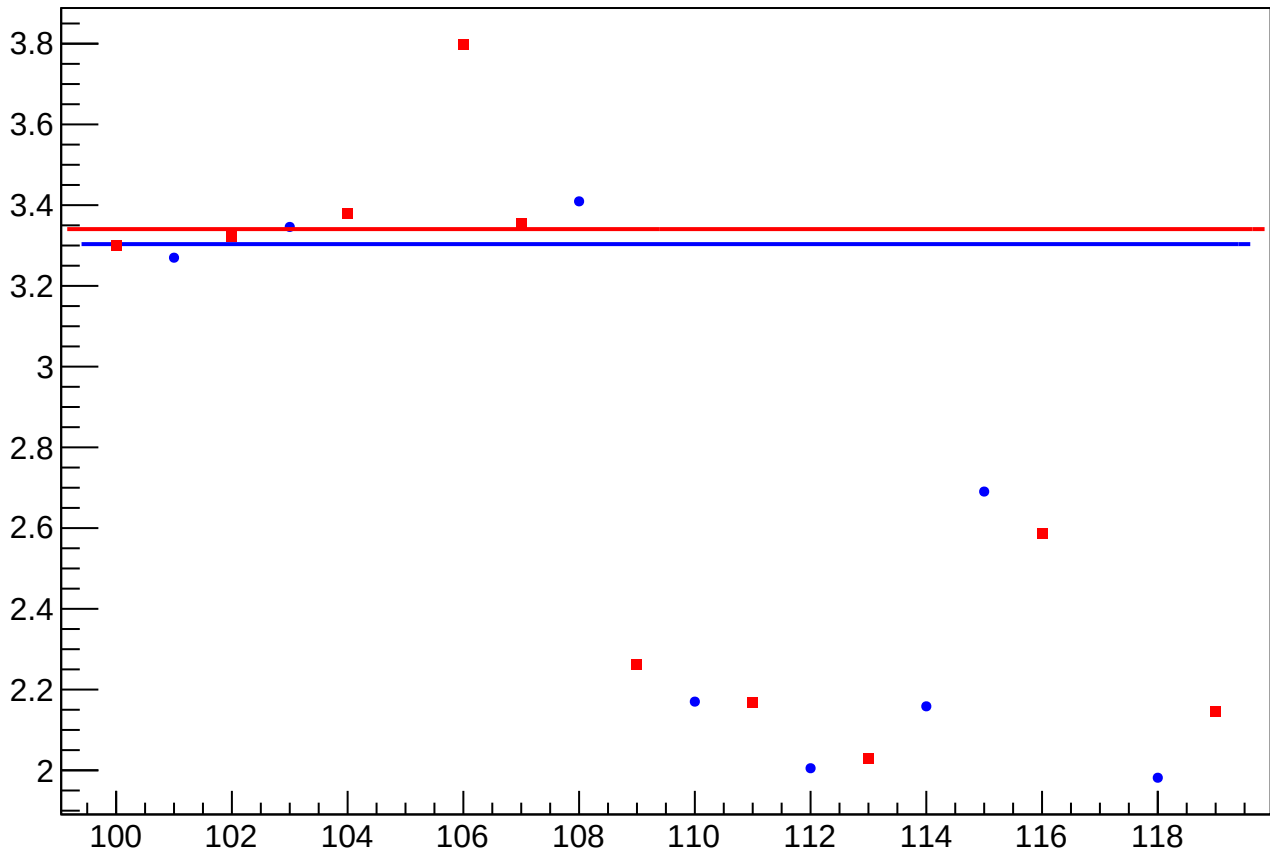
Right: 0.005+/-0.000 χ^2/NDF : 7764377.5/17

In: 0.005+/-0.000 χ^2/NDF : 2927169.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 7764377.5/17

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.303+/-0.000 χ^2/NDF : 279983180.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.341+/-0.000 χ^2/NDF : 347805021.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

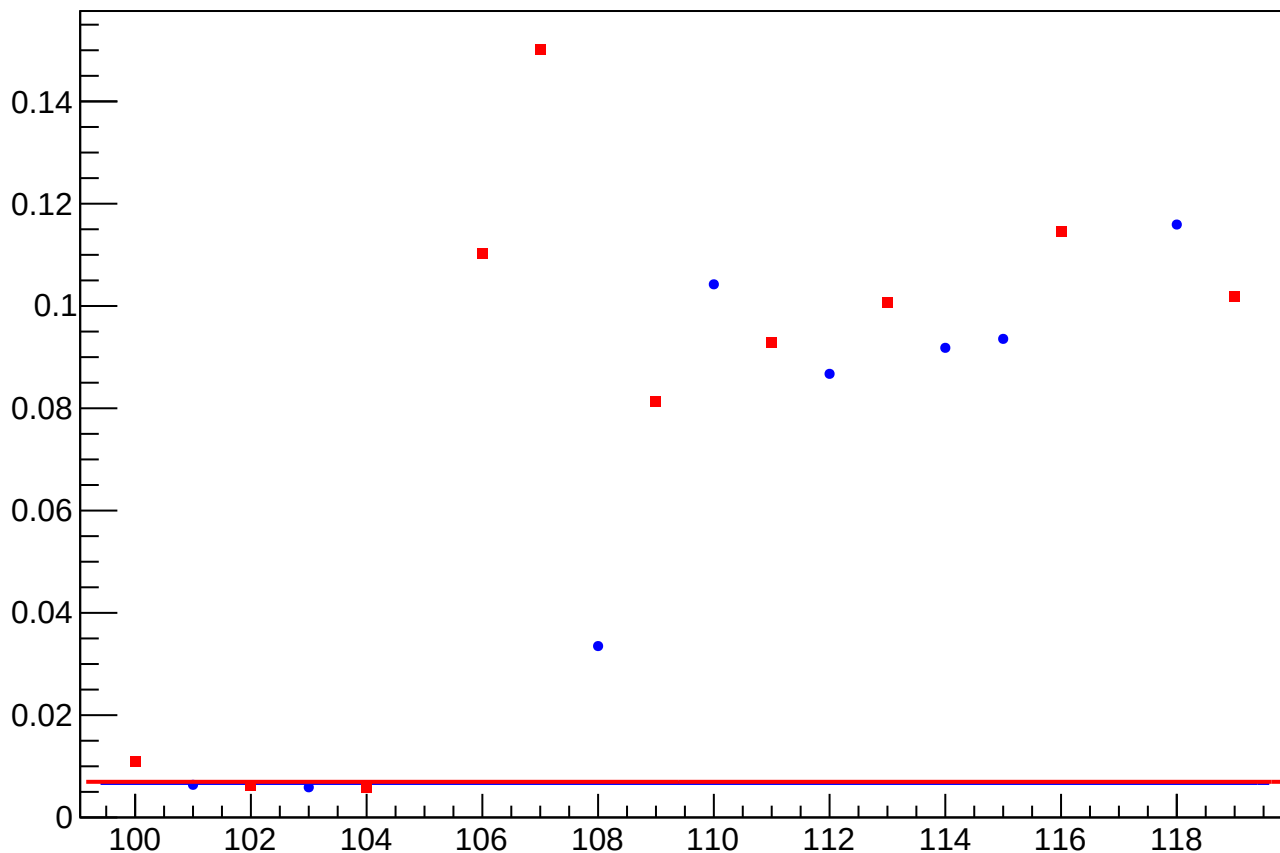
Right: 3.322+/-0.000 χ^2/NDF : 648120930.1/17

In: 3.303+/-0.000 χ^2/NDF :279983180.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.322+/-0.000 χ^2/NDF : 648120930.1/17

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 2933993.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 4691308.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

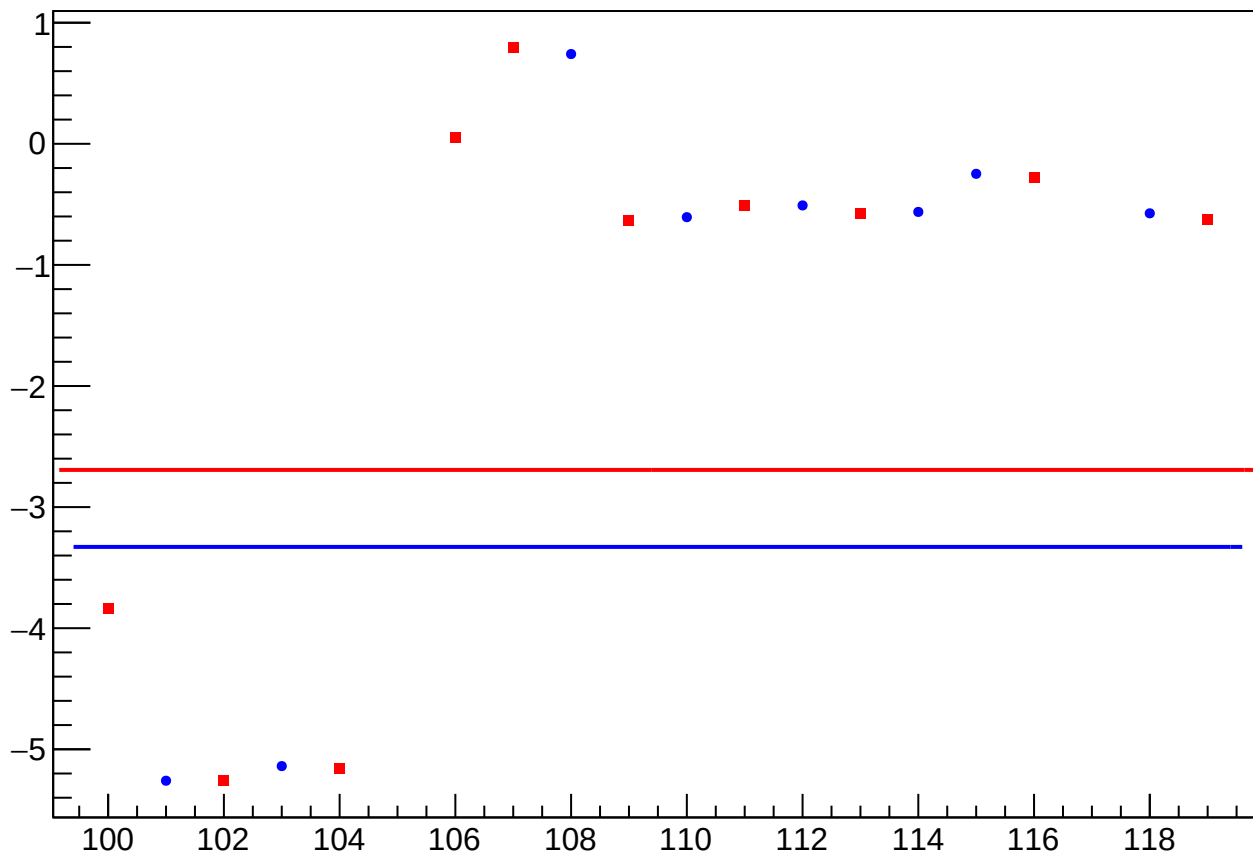
Right: 0.007+/-0.000 χ^2/NDF : 7626775.1/17

In: 0.007+/-0.000 χ^2/NDF :2933993.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 7626775.1/17

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -3.329+/-0.000 χ^2/NDF : 84095927887.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.693+/-0.000 χ^2/NDF : 102851862441.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

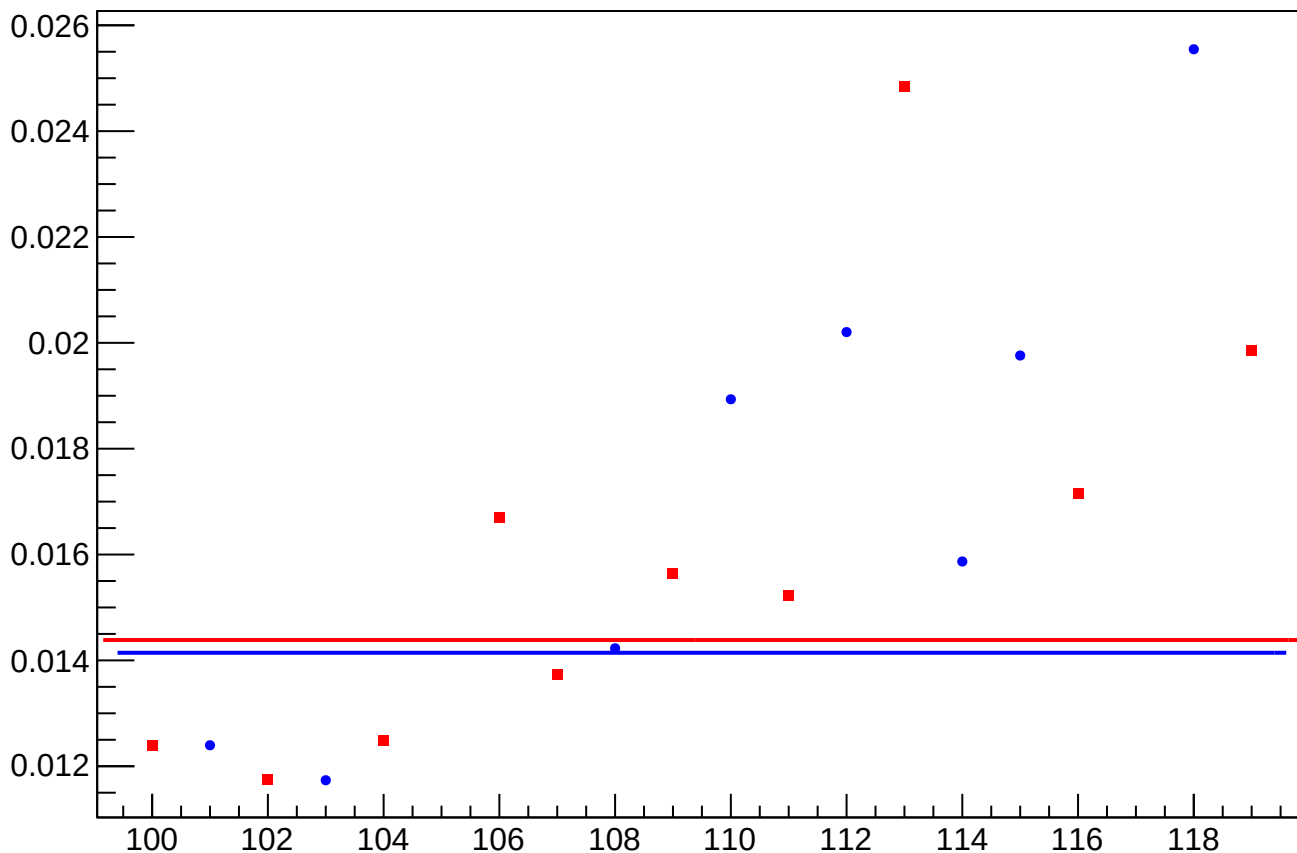
Right: -2.973+/-0.000 χ^2/NDF : 189957667316.1/17

In: -3.329+/-0.000 χ^2/NDF : 84095927887.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.973+/-0.000 χ^2/NDF : 189957667316.1

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 338425.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 307078.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

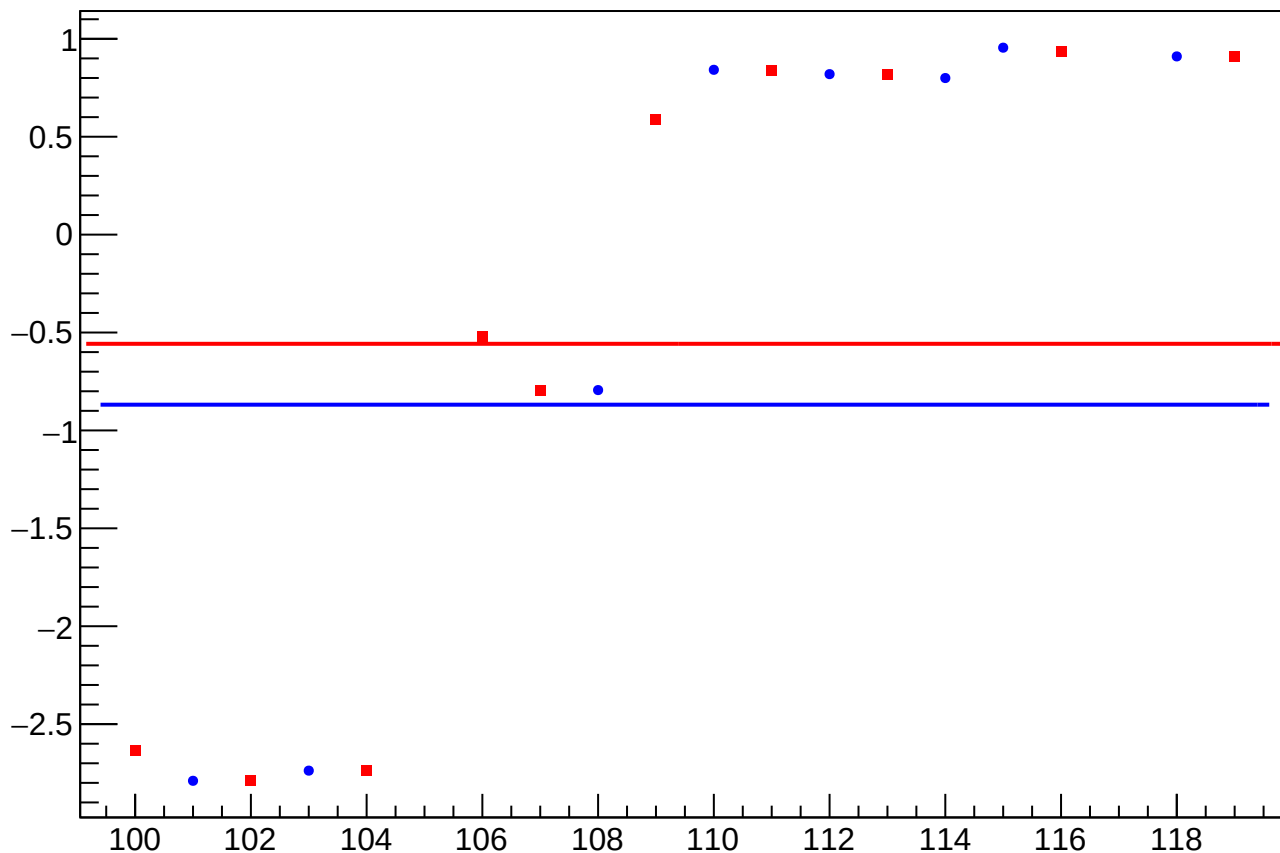
Right: 0.014+/-0.000 χ^2/NDF : 646364.3/17

In: 0.014+/-0.000 χ^2/NDF : 338425.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 646364.3/17

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -0.869+/-0.000 χ^2/NDF : 548066435966.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.558+/-0.000 χ^2/NDF : 708976953270.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

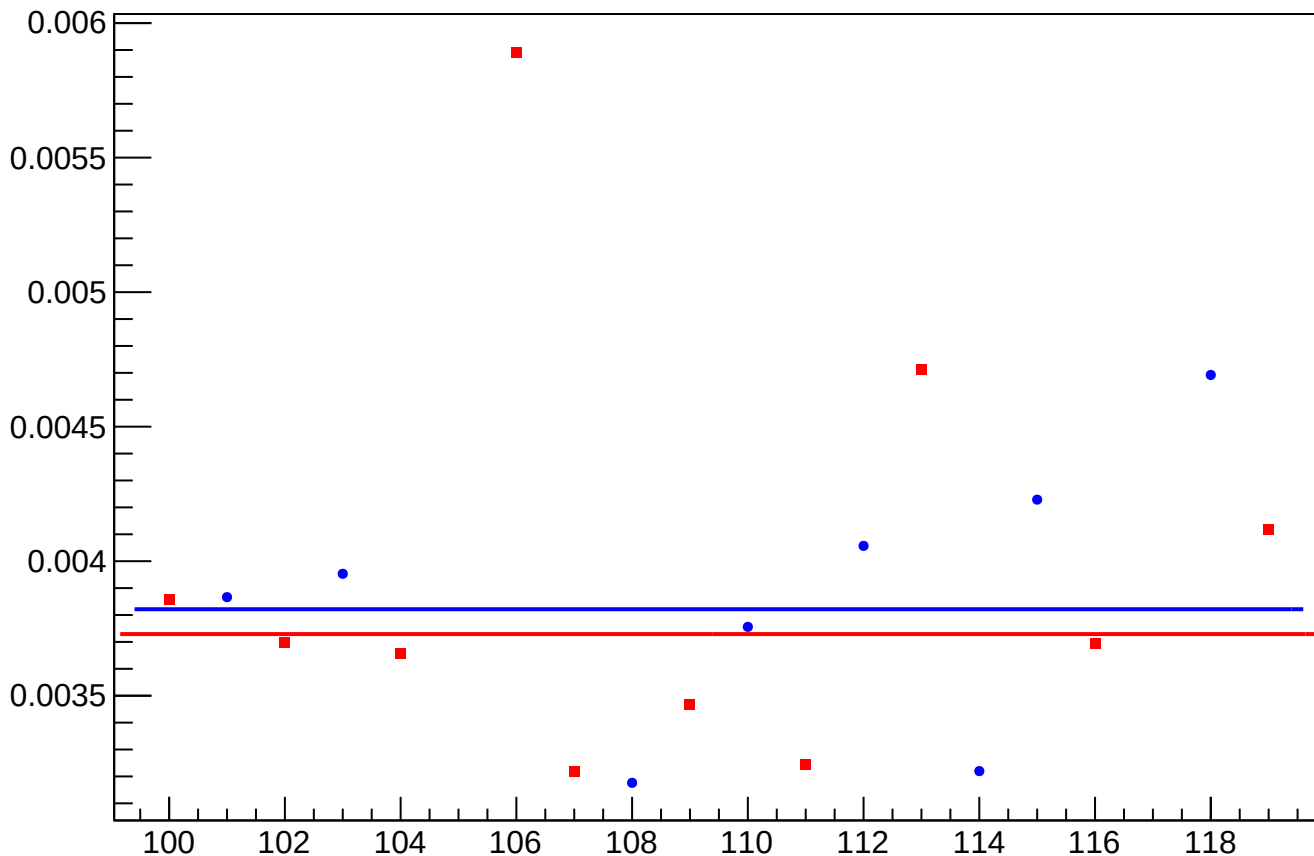
Right: -0.692+/-0.000 χ^2/NDF : 1268358277920.7/1

In: -0.869+/-0.000 χ^2/NDF : 548066435966.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.692+/-0.000 χ^2/NDF : 1268358277920.7/1

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 77755.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 157797.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

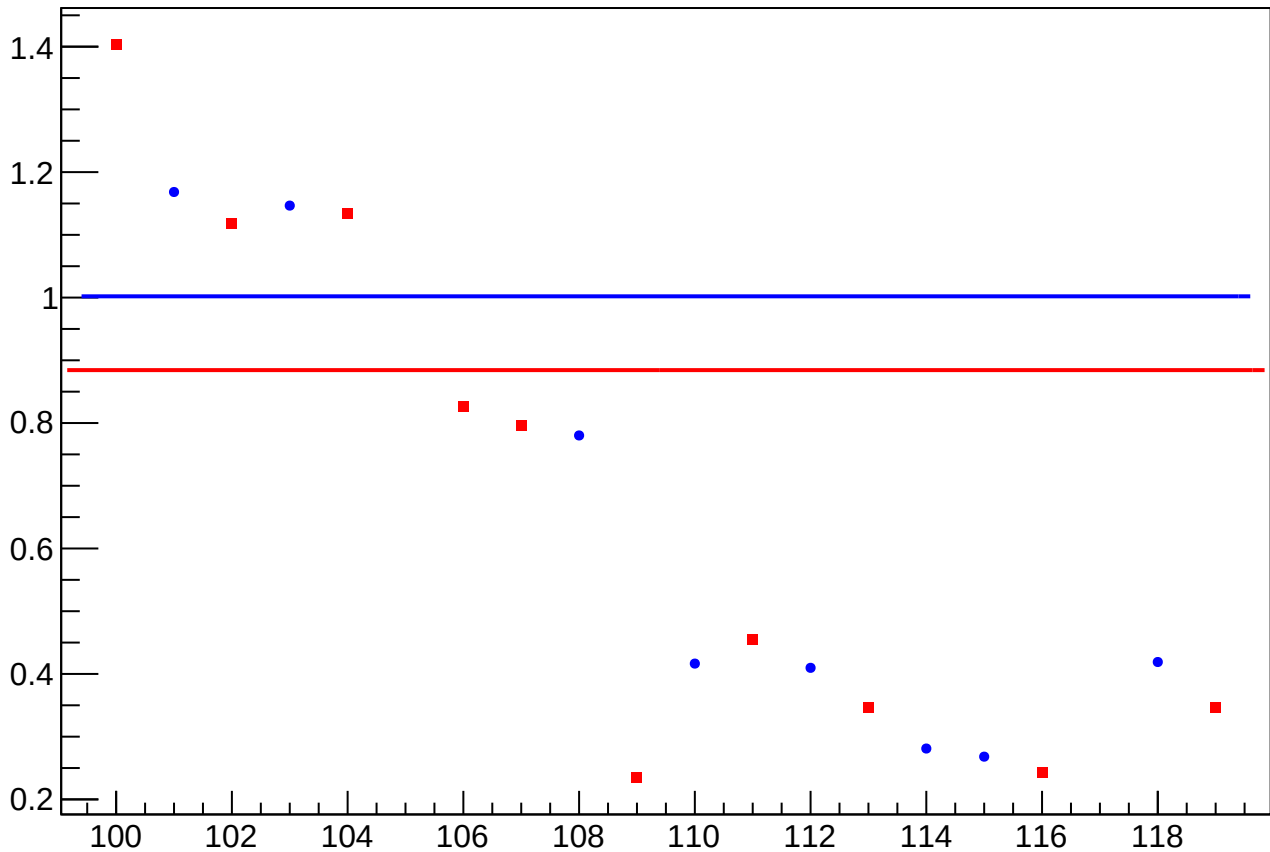
Right: 0.004+/-0.000 χ^2/NDF : 237549.1/17

In: 0.004+/-0.000 χ^2/NDF : 77755.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 237549.1/17

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.002+/-0.000 χ^2/NDF : 7880353842.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.884+/-0.000 χ^2/NDF : 14104320750.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

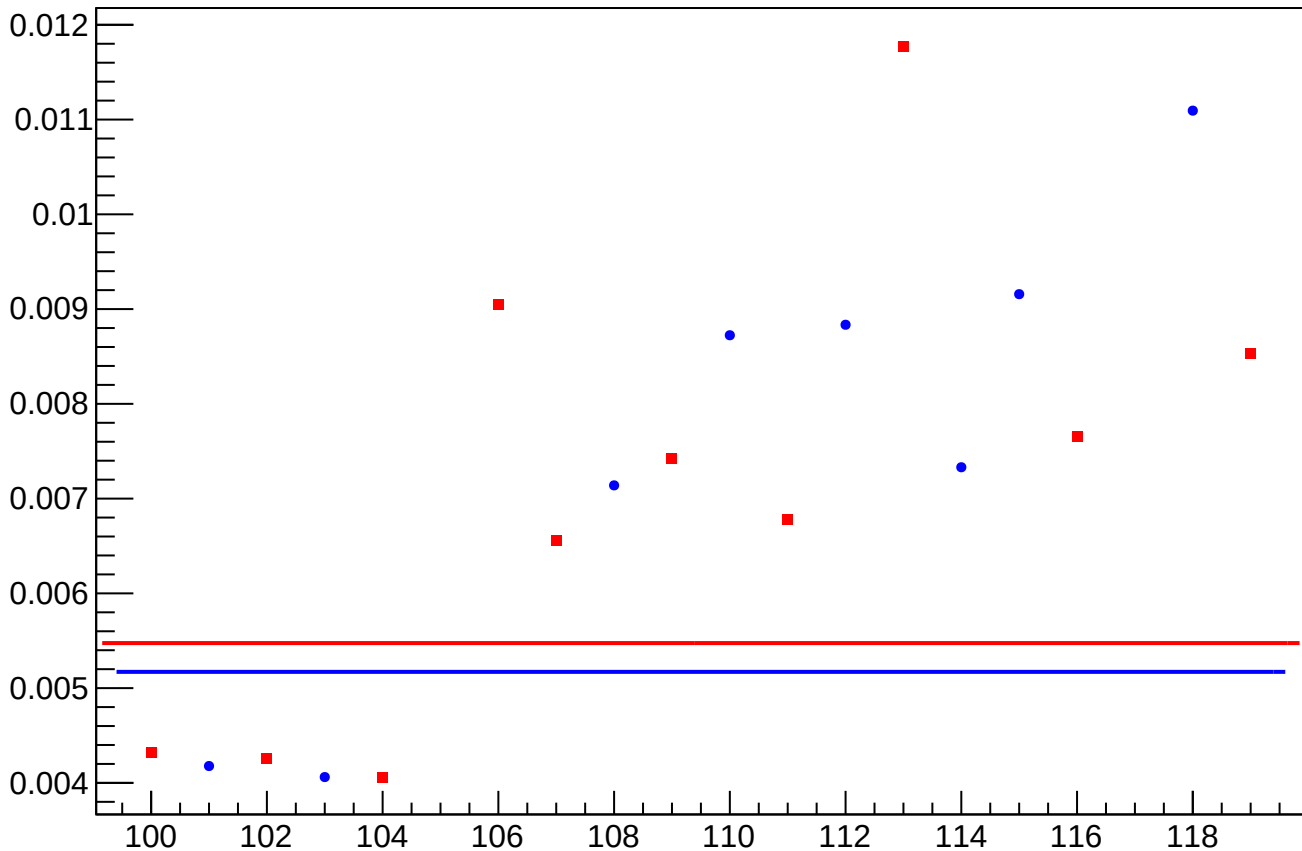
Right: 0.939+/-0.000 χ^2/NDF : 22673876601.1/17

In: 1.002+/-0.000 χ^2/NDF :7880353842.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.939+/-0.000 χ^2/NDF : 22673876601.1/17

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 724058.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 764832.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

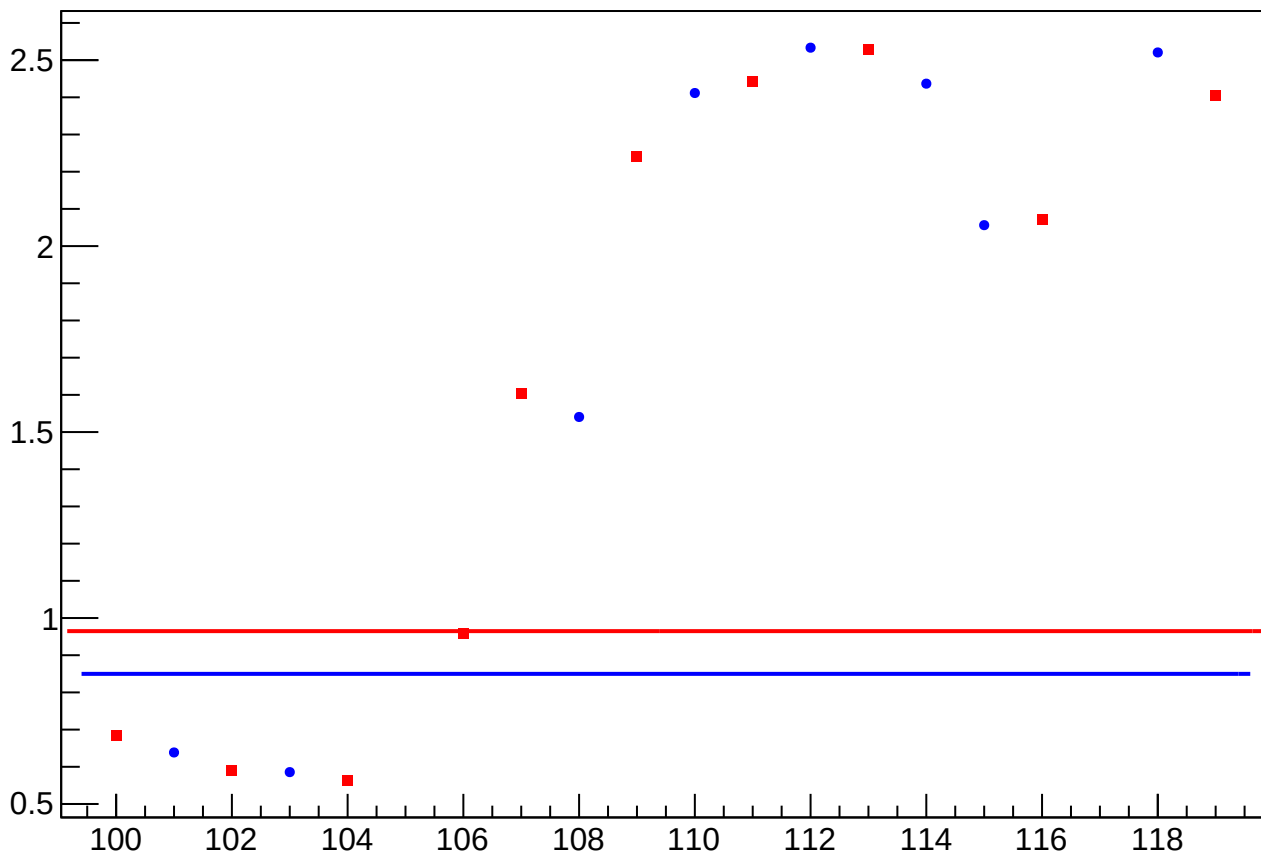
Right: 0.005+/-0.000 χ^2/NDF : 1498083.4/17

In: 0.005+/-0.000 χ^2/NDF : 724058.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1498083.4/17

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.850+/-0.000

χ^2/NDF : 34522522465.3/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.911+/-0.000

χ^2/NDF : 92339077906.3/17

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.850+/-0.000

χ^2/NDF : 34522522465.3/7

Right Out: 0.965+/-0.000

χ^2/NDF : 57090950284.1/9

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

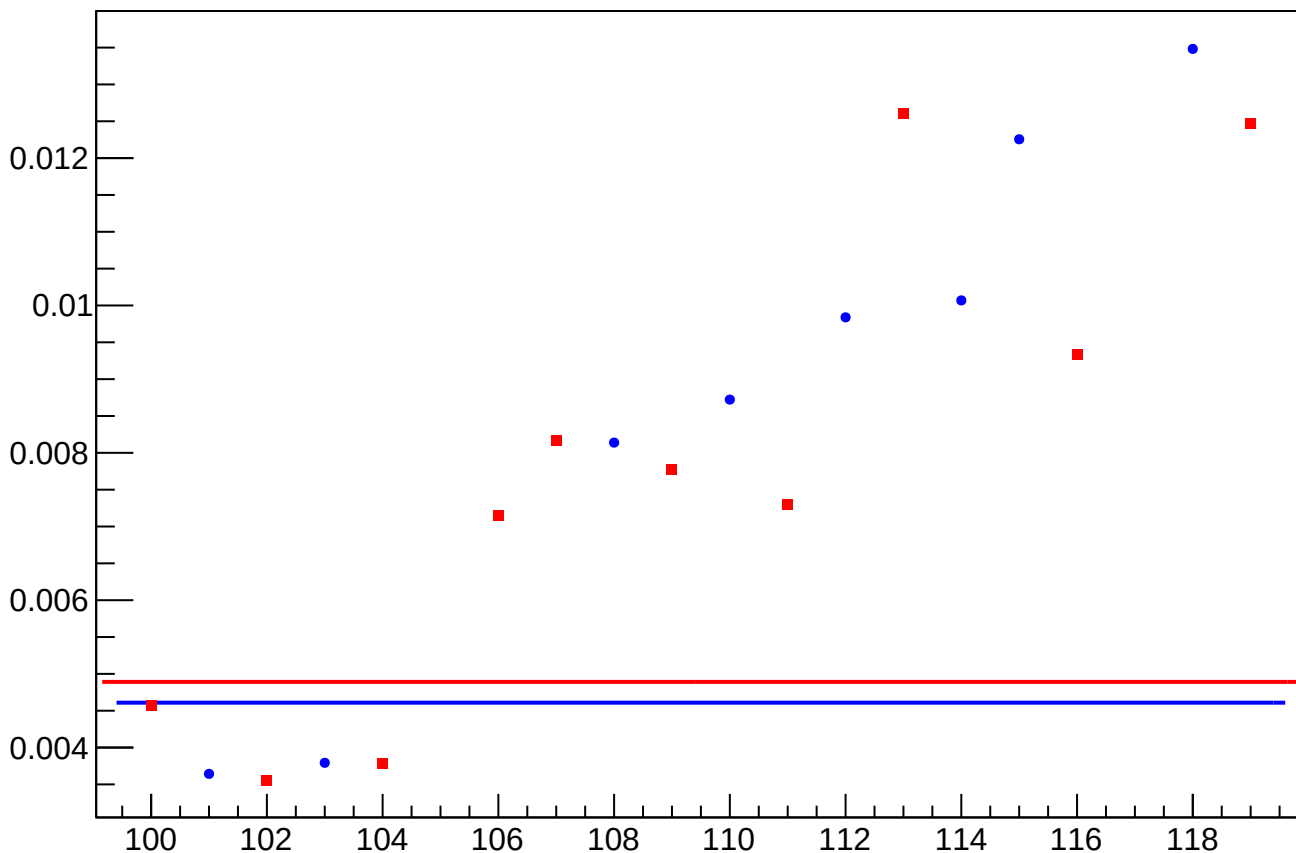
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.911+/-0.000

χ^2/NDF : 92339077906.3/17

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 999242.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1198070.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

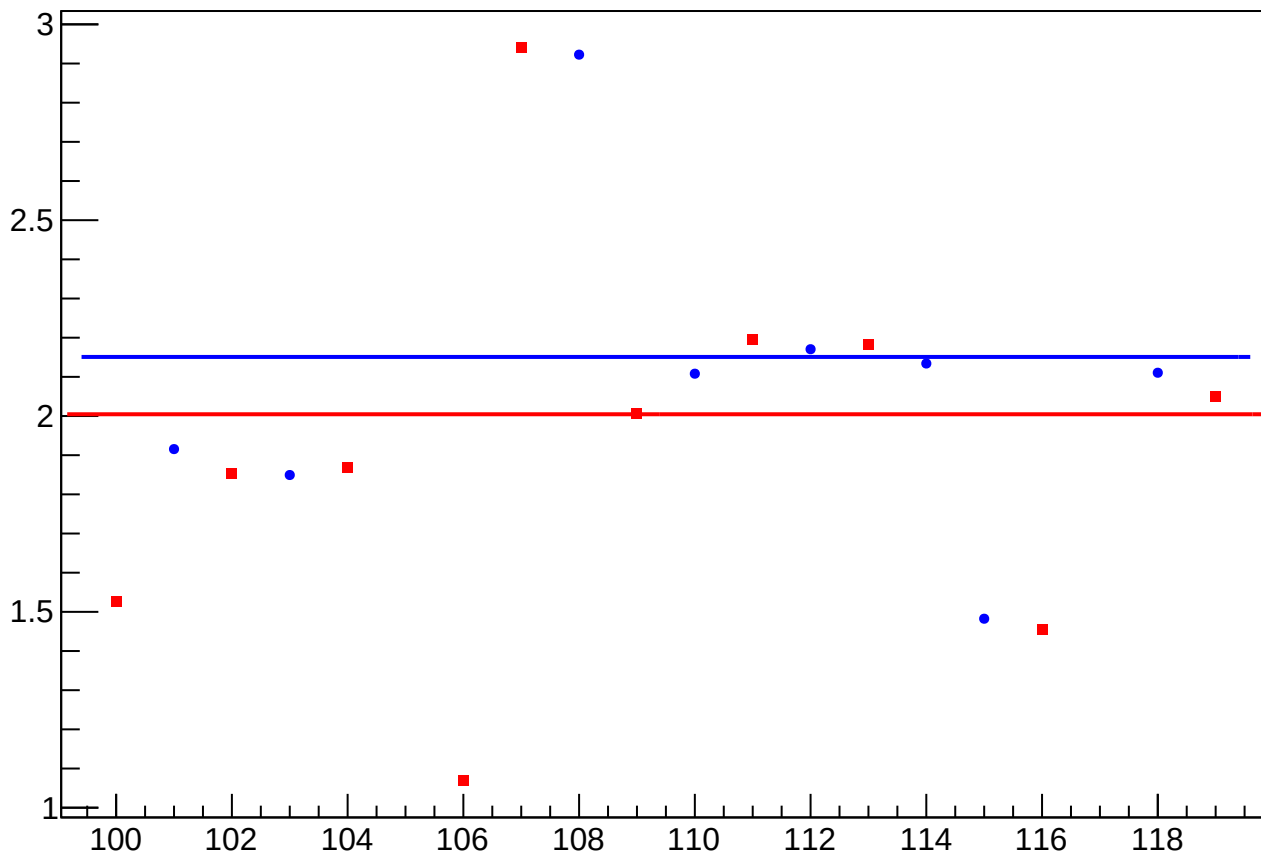
Right: 0.005+/-0.000 χ^2/NDF : 2206047.7/17

In: 0.005+/-0.000 χ^2/NDF : 999242.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2206047.7/17

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.151+/-0.000

χ^2/NDF : 9001975643.1/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.068+/-0.000

χ^2/NDF : 22922751683.5/17

Right Out: 2.005+/-0.000

χ^2/NDF : 13162677848.8/9

In: 2.151+/-0.000

χ^2/NDF : 9001975643.1/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

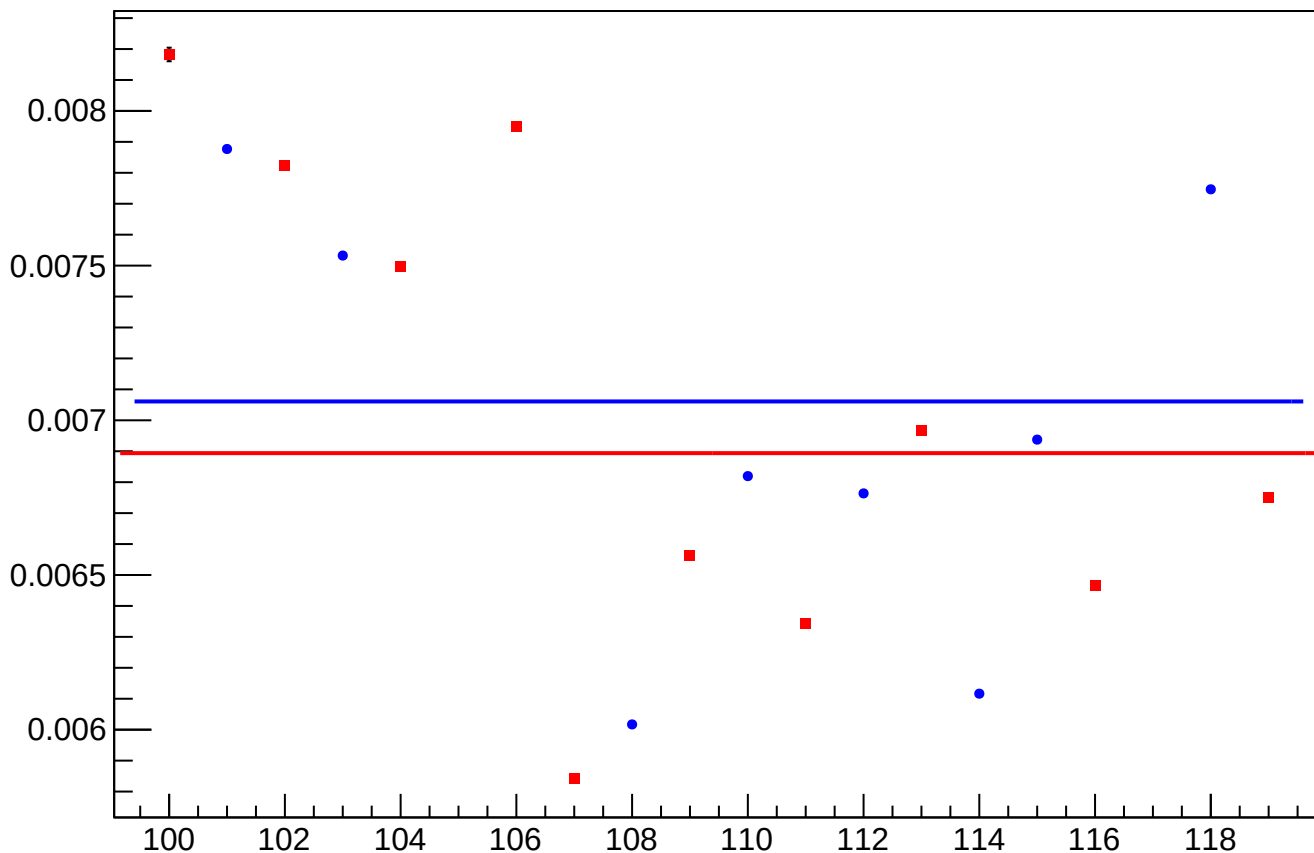
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.068+/-0.000

χ^2/NDF : 22922751683.5/17

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 56264.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 65048.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

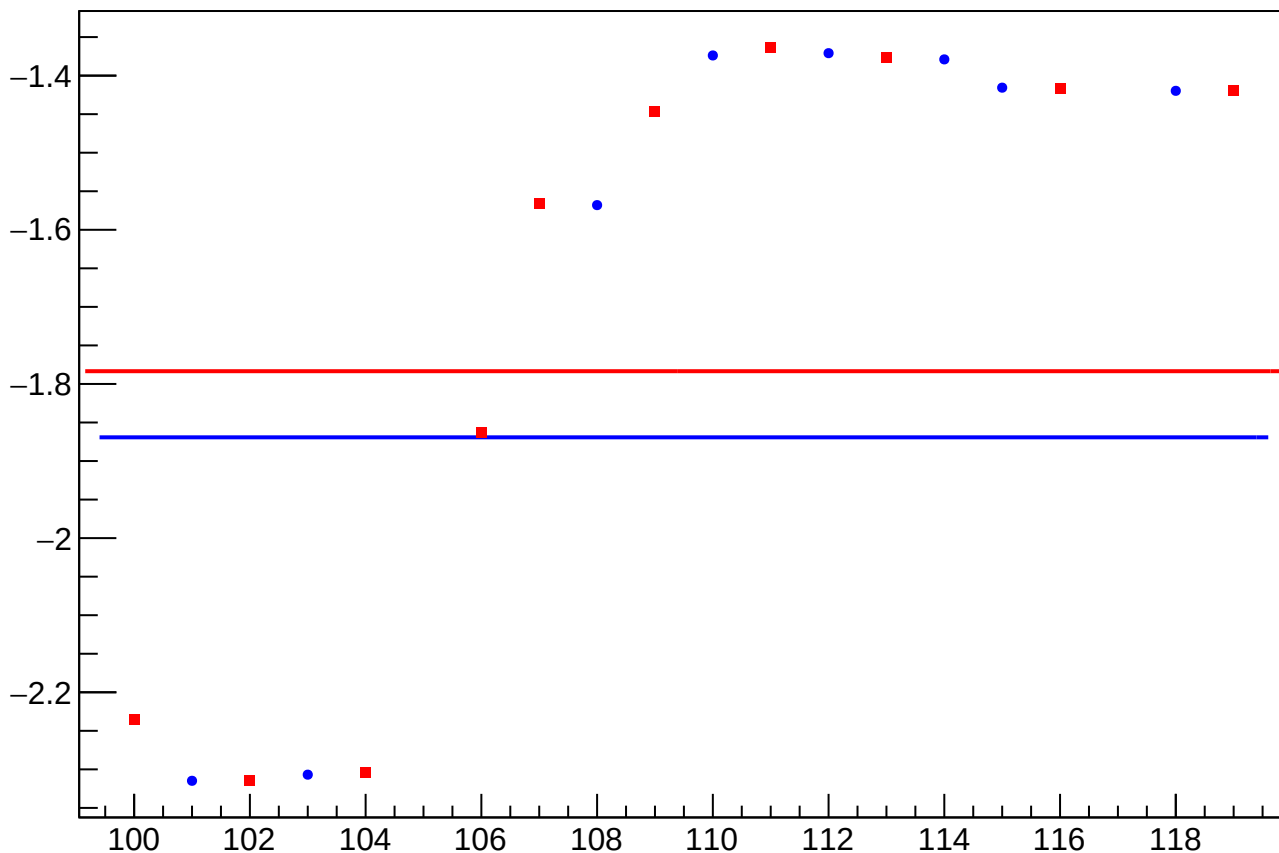
Right: 0.007+/-0.000 χ^2/NDF : 123288.6/17

In: 0.007+/-0.000 χ^2/NDF : 56264.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 123288.6/17

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.869 ± 0.000 $\chi^2/\text{NDF}: 82003059099.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.783 ± 0.000 $\chi^2/\text{NDF}: 95932042174.9/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

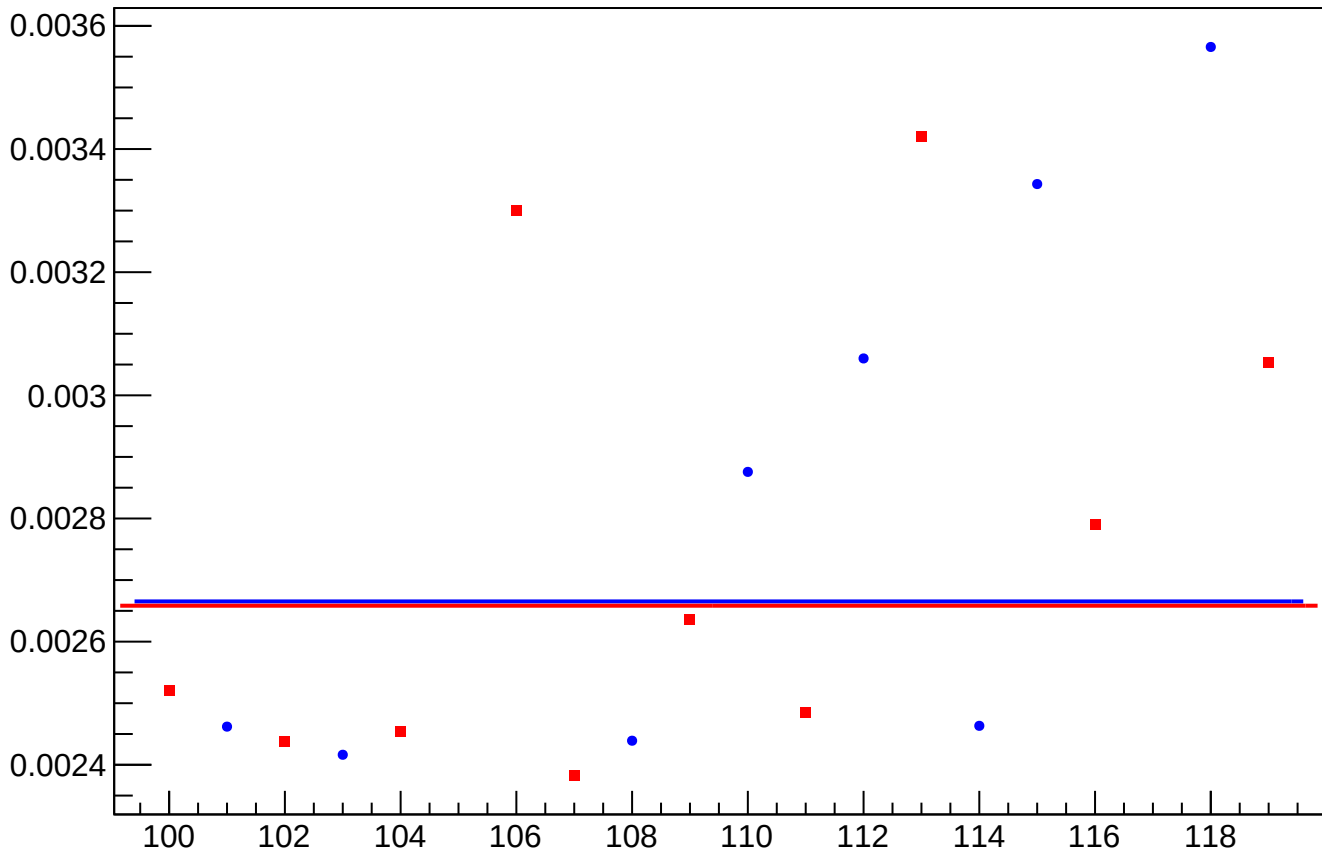
Right: -1.821 ± 0.000 $\chi^2/\text{NDF}: 179683642337.8/17$

In: -1.869 ± 0.000 $\chi^2/\text{NDF}: 82003059099.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.821 ± 0.000 $\chi^2/\text{NDF}: 179683642337.8$

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 115836.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 107922.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

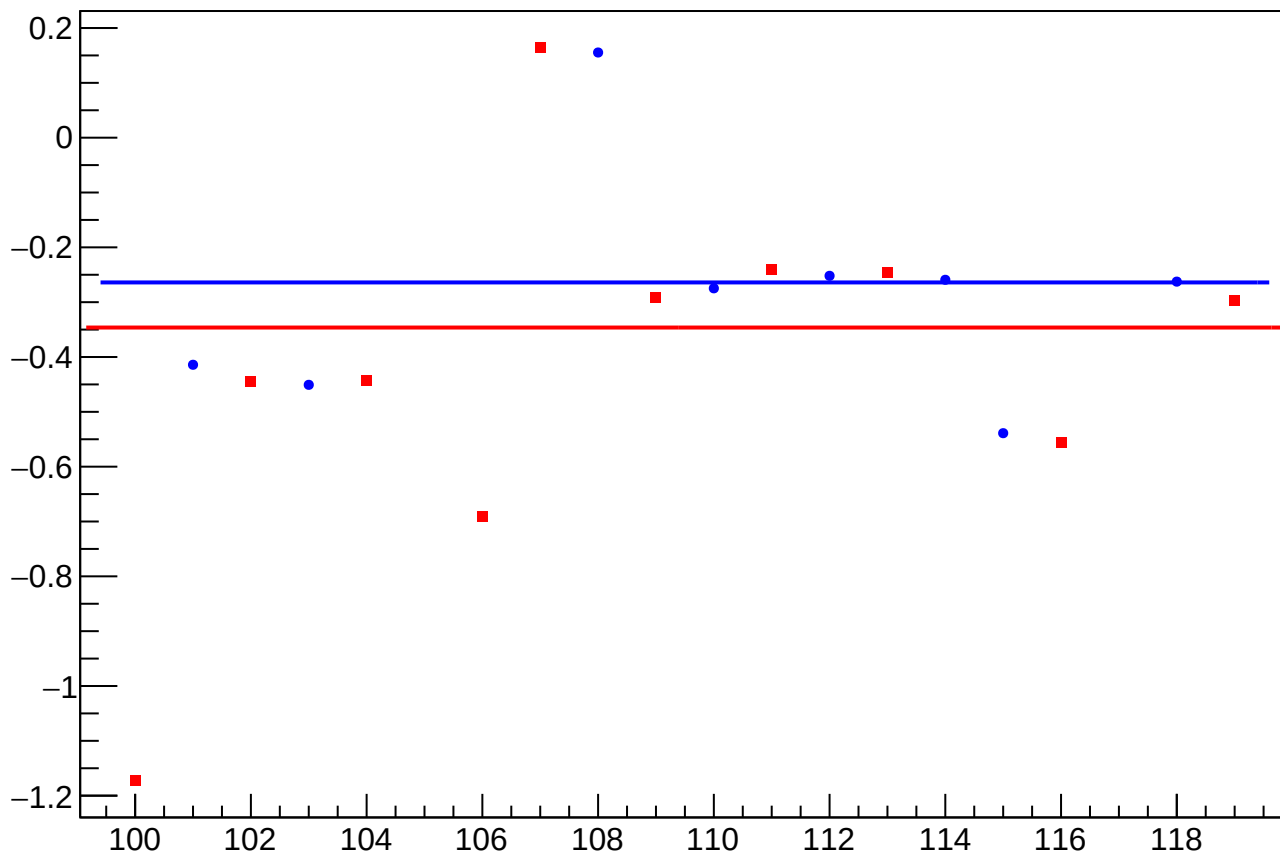
Right: 0.003+/-0.000 χ^2/NDF : 223781.4/17

In: 0.003+/-0.000 χ^2/NDF : 115836.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 223781.4/17

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.264+/-0.000 χ^2/NDF : 943120397.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.346+/-0.000 χ^2/NDF : 1537664682.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

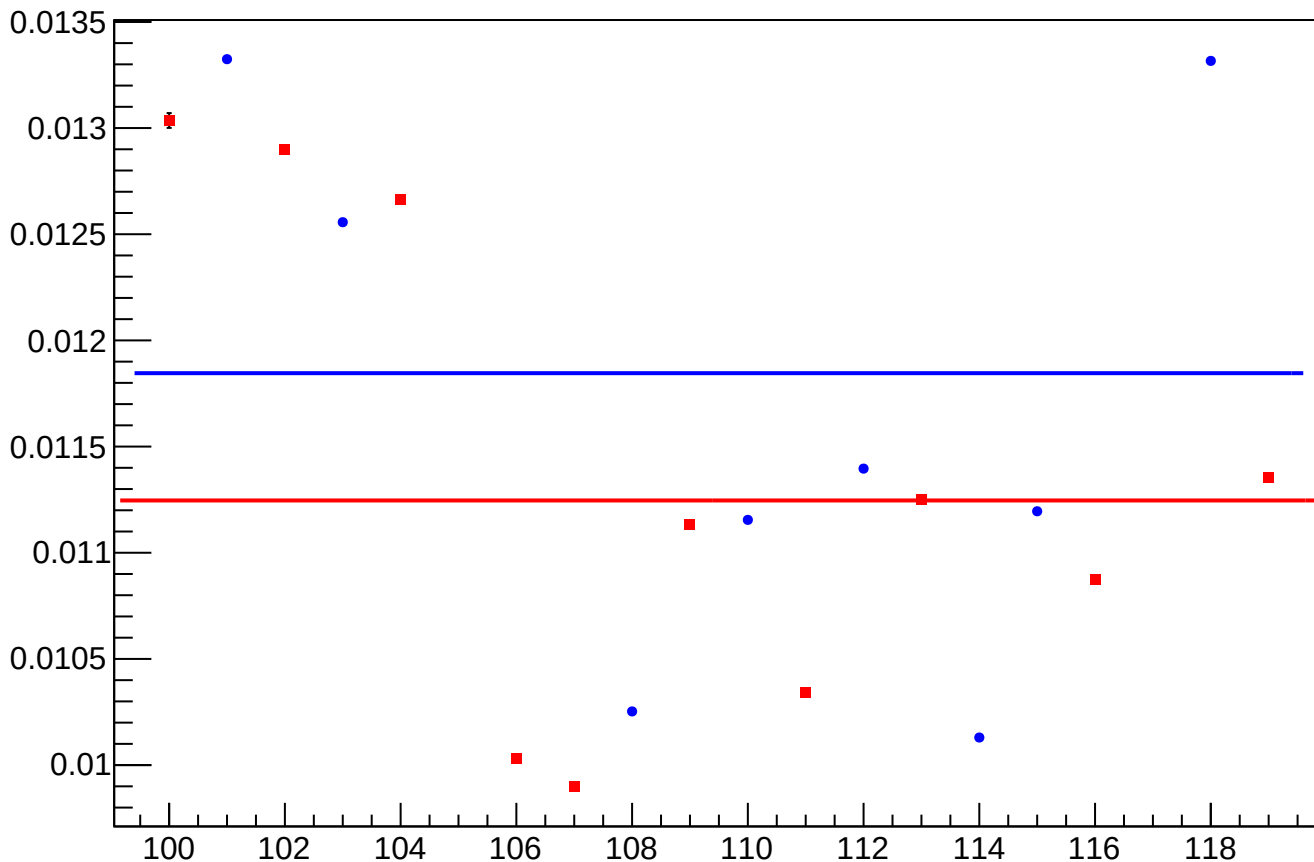
Right: -0.312+/-0.000 χ^2/NDF : 2569900861.4/17

In: -0.264+/-0.000 χ^2/NDF :943120397.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.312+/-0.000 χ^2/NDF : 2569900861.4/1

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 61991.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 61379.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

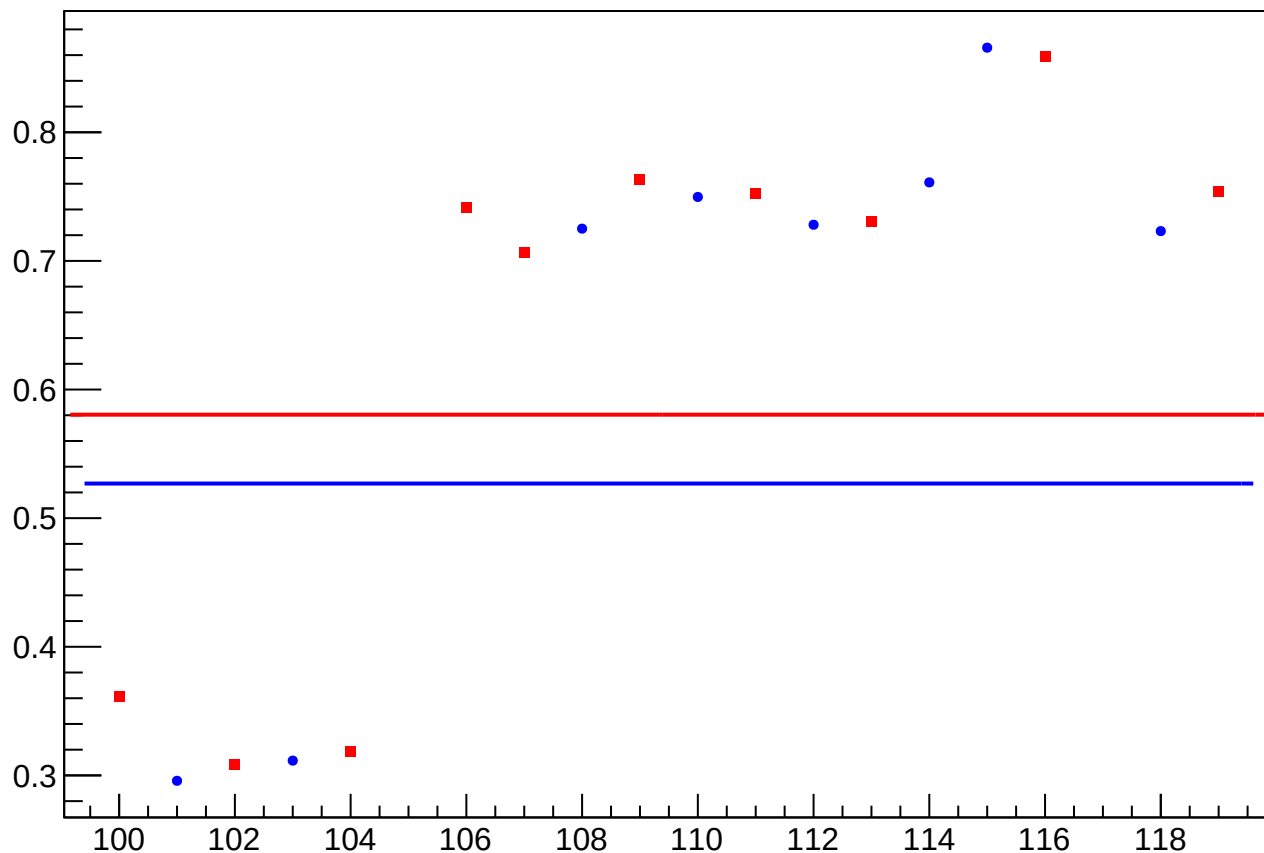
Right: 0.011+/-0.000 χ^2/NDF : 132836.2/17

In: 0.012+/-0.000 χ^2/NDF : 61991.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 132836.2/17

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.527+/-0.000 χ^2/NDF : 21089223148.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.580+/-0.000 χ^2/NDF : 24773448871.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

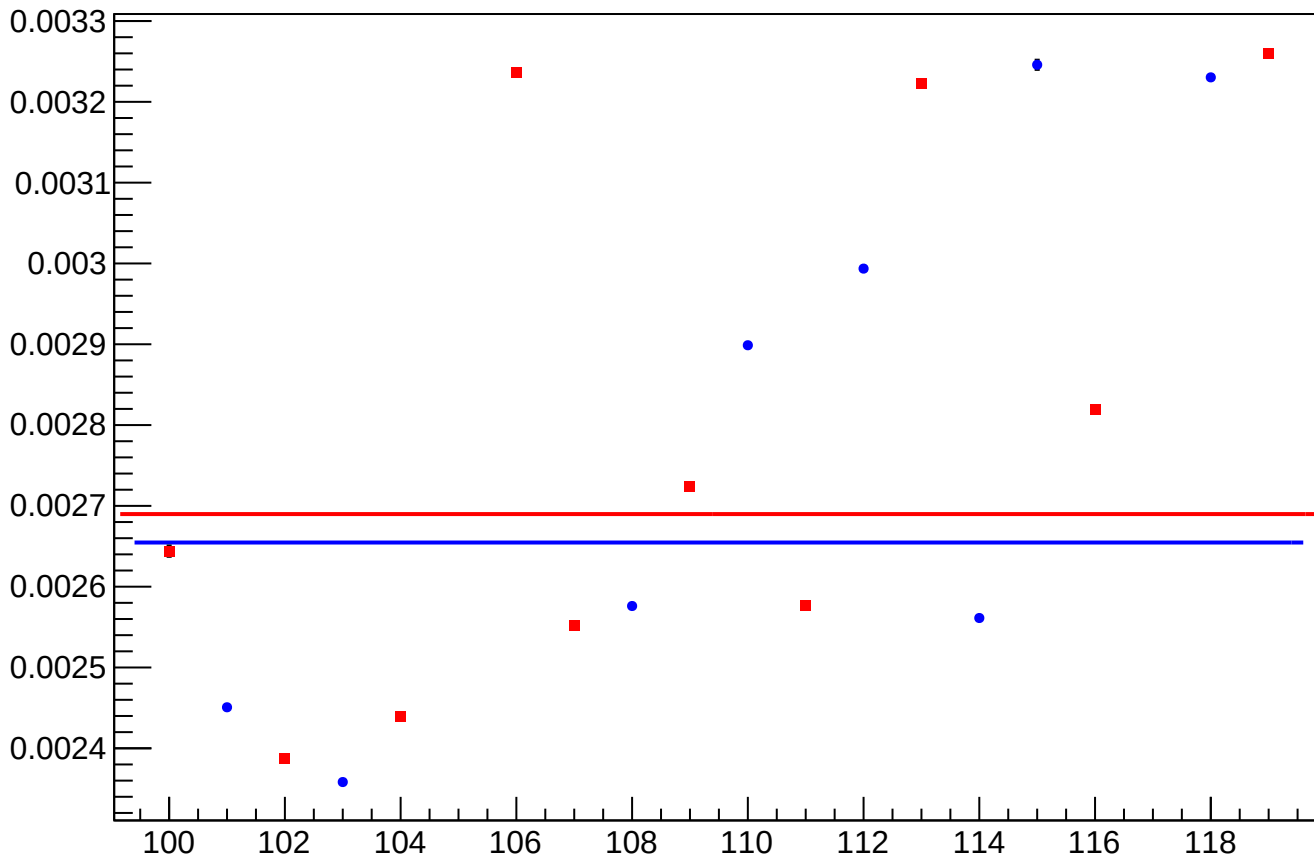
Right: 0.556+/-0.000 χ^2/NDF : 46543163456.4/17

In: 0.527+/-0.000 χ^2/NDF : 21089223148.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.556+/-0.000 χ^2/NDF : 46543163456.4/17

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 82837.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 103789.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

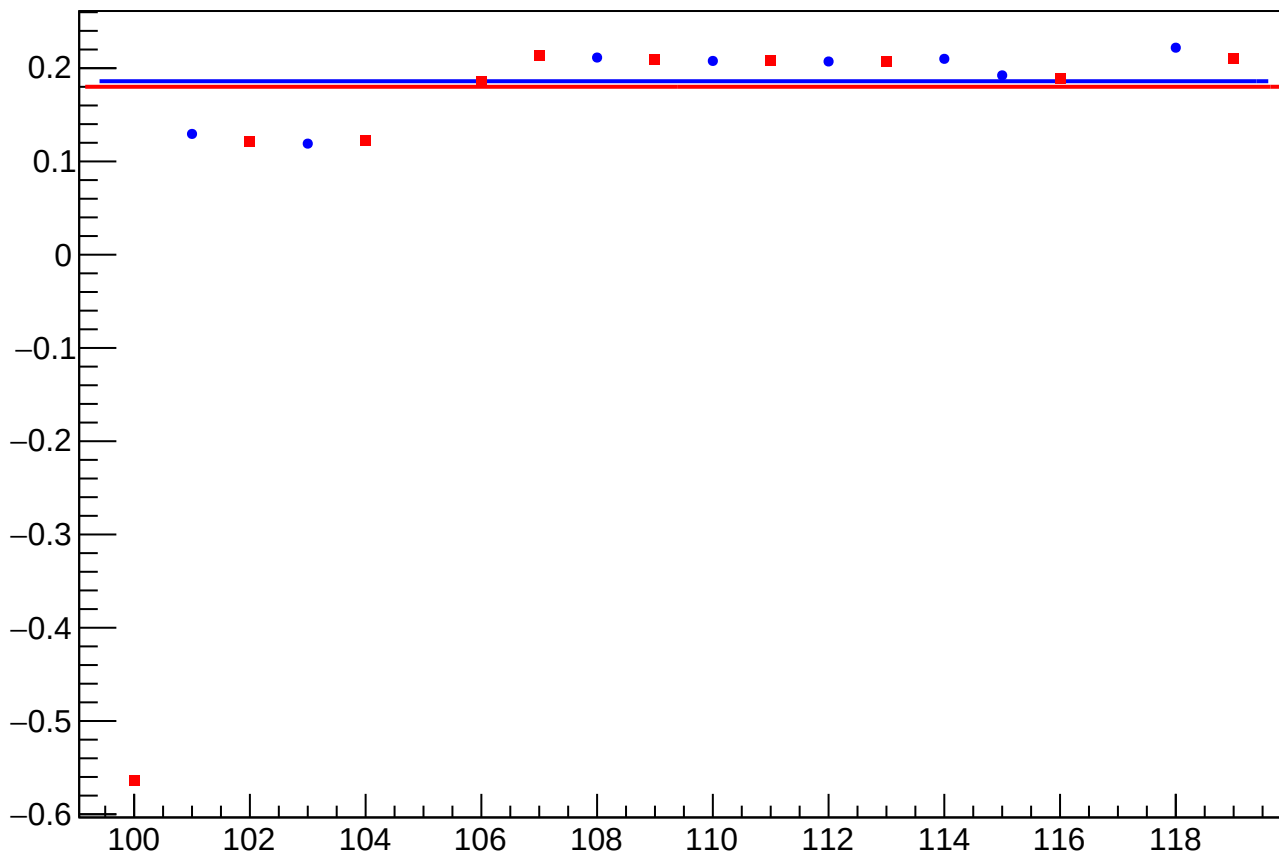
Right: 0.003+/-0.000 χ^2/NDF : 187215.8/17

In: 0.003+/-0.000 χ^2/NDF : 82837.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 187215.8/17

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.186+/-0.000 χ^2/NDF : 45607442.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.180+/-0.000 χ^2/NDF : 329846236.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

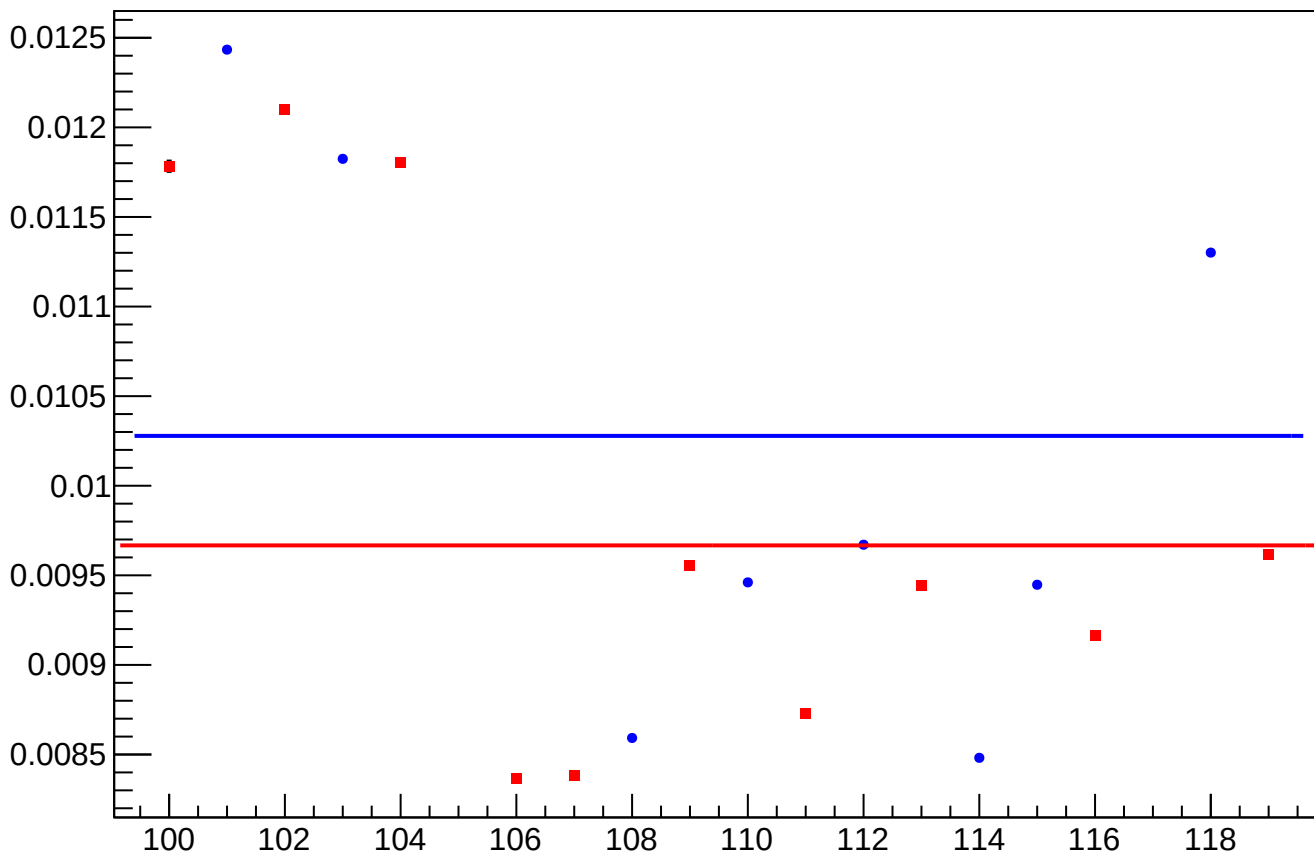
Right: 0.183+/-0.000 χ^2/NDF : 376069151.1/17

In: 0.186+/-0.000 χ^2/NDF :45607442.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.183+/-0.000 χ^2/NDF : 376069151.1/17

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 117790.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 126778.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

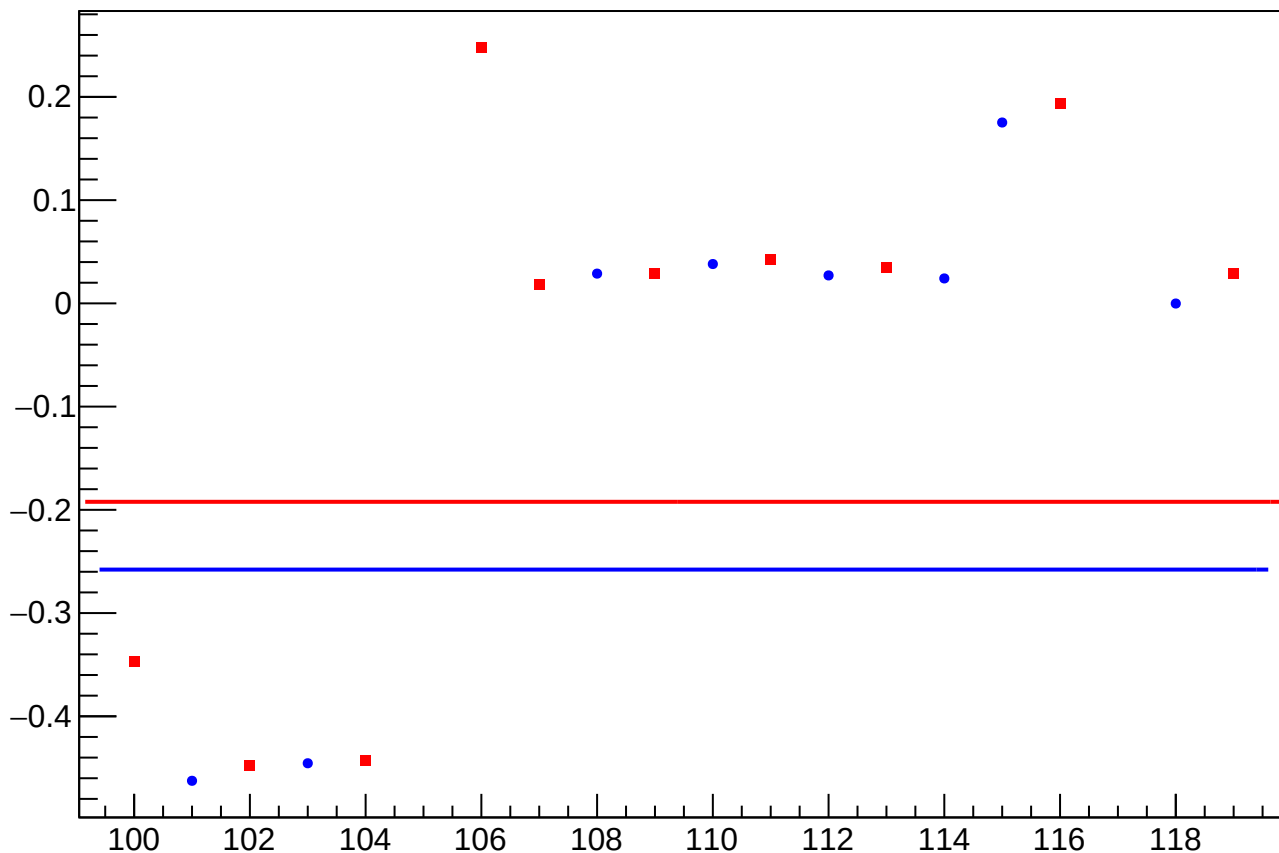
Right: 0.010+/-0.000 χ^2/NDF : 257590.7/17

In: 0.010+/-0.000 χ^2/NDF : 117790.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 257590.7/17

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.258+/-0.000 χ^2/NDF : 9181997315.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.192+/-0.000 χ^2/NDF : 11898733855.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

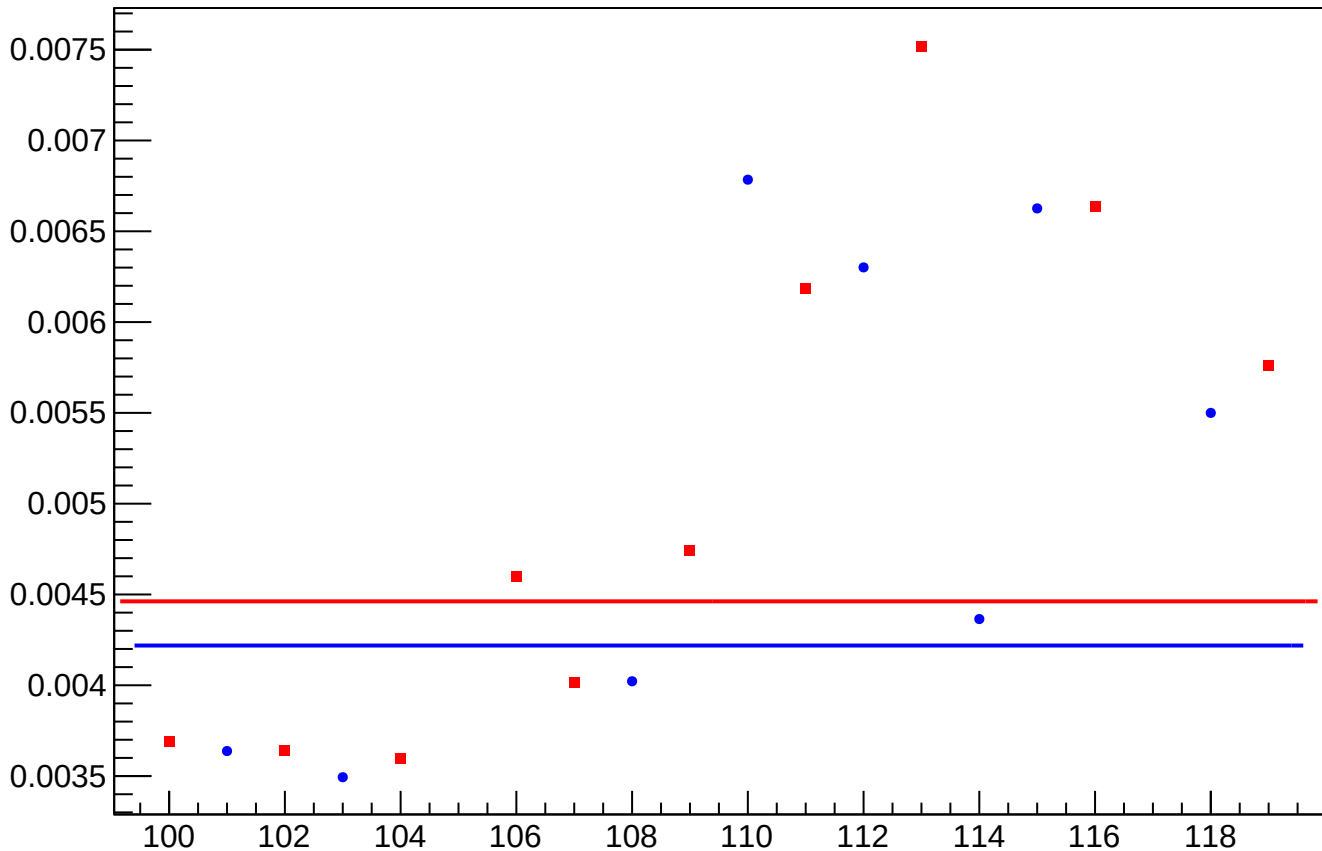
Right: -0.223+/-0.000 χ^2/NDF : 21446202033.3/17

In: -0.258+/-0.000 χ^2/NDF :9181997315.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.223+/-0.000 χ^2/NDF : 21446202033.3/17

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 356162.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 449976.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

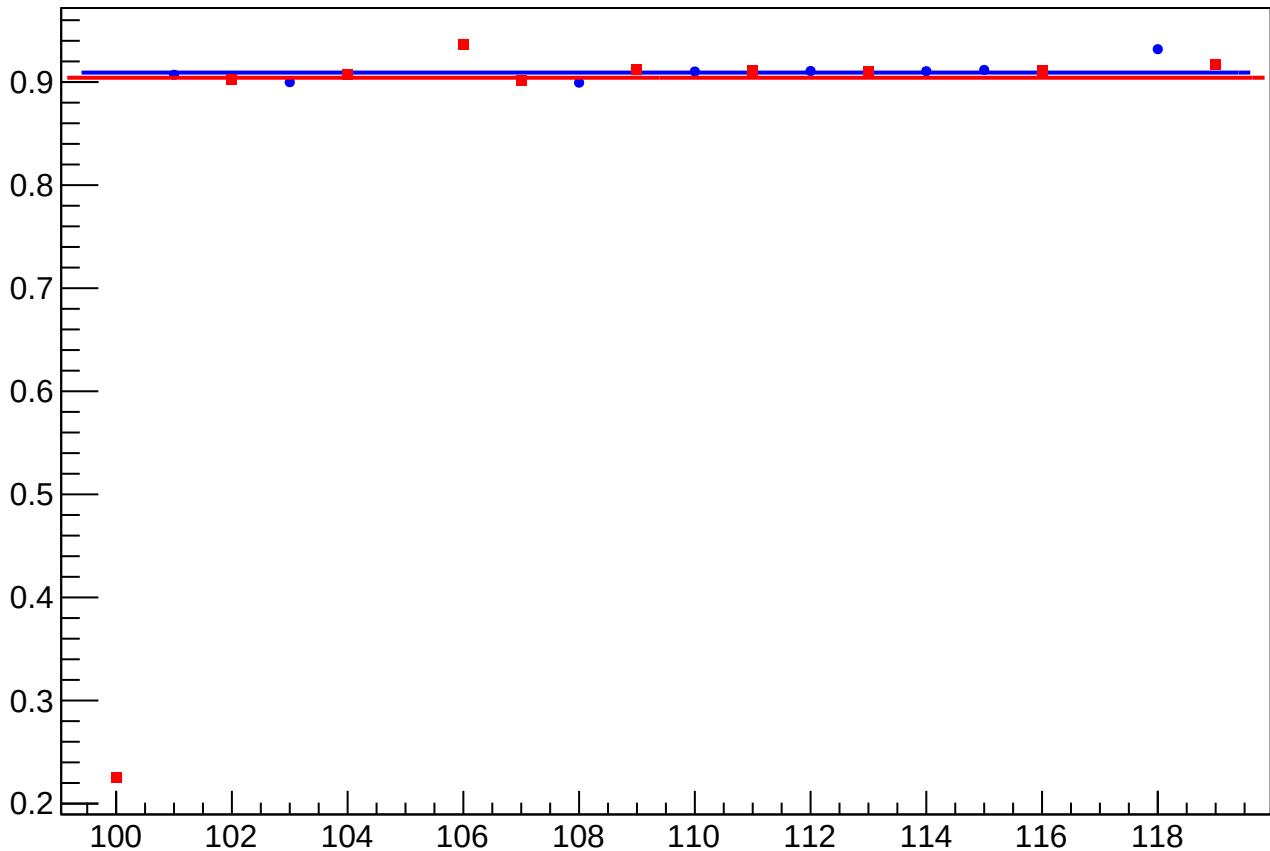
Right: 0.004+/-0.000 χ^2/NDF : 816171.9/17

In: 0.004+/-0.000 χ^2/NDF :356162.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 816171.9/17

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.909+/-0.000 χ^2/NDF : 2299609.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.904+/-0.000 χ^2/NDF : 217618477.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

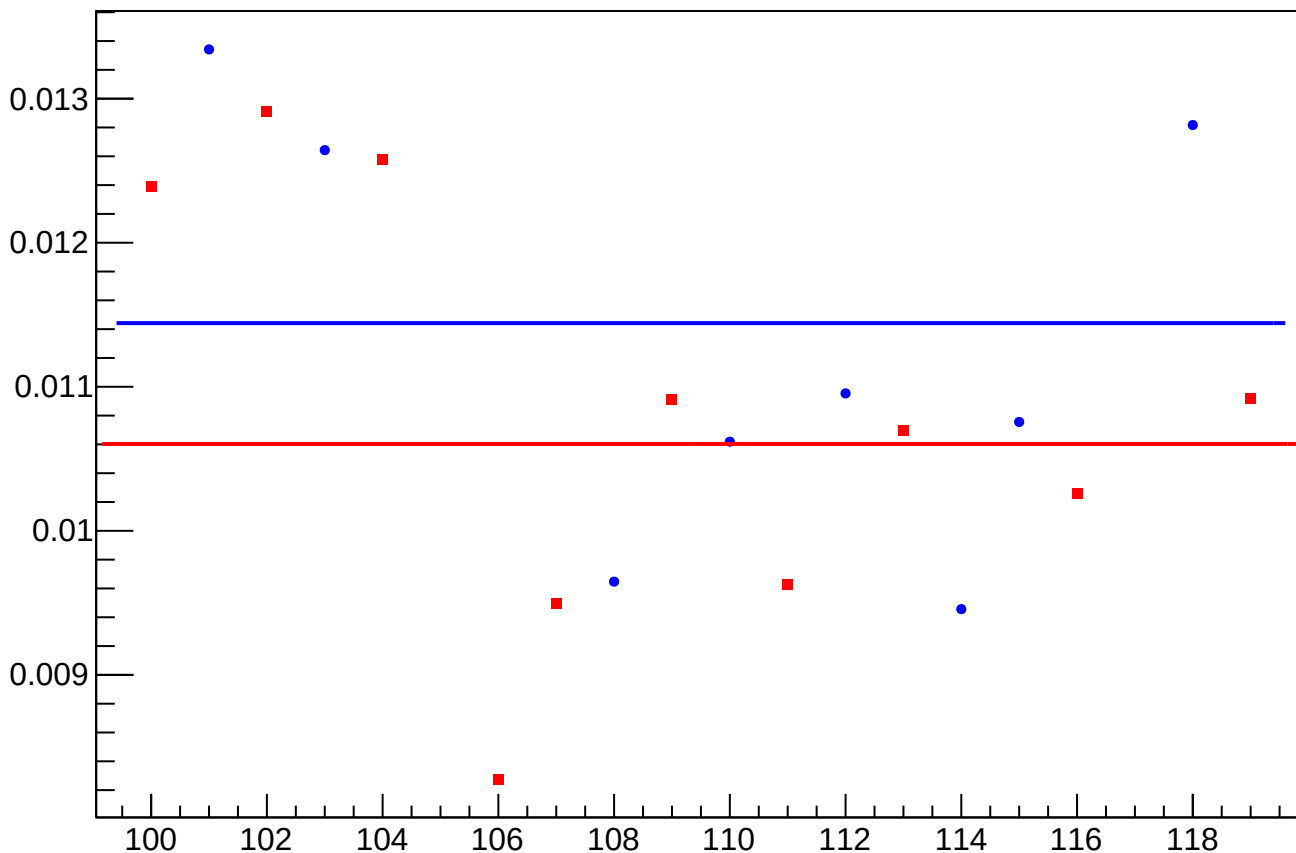
Right: 0.906+/-0.000 χ^2/NDF : 220274327.4/17

In: 0.909+/-0.000 χ^2/NDF : 2299609.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.906+/-0.000 χ^2/NDF : 220274327.4/17

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 91663.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 134965.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

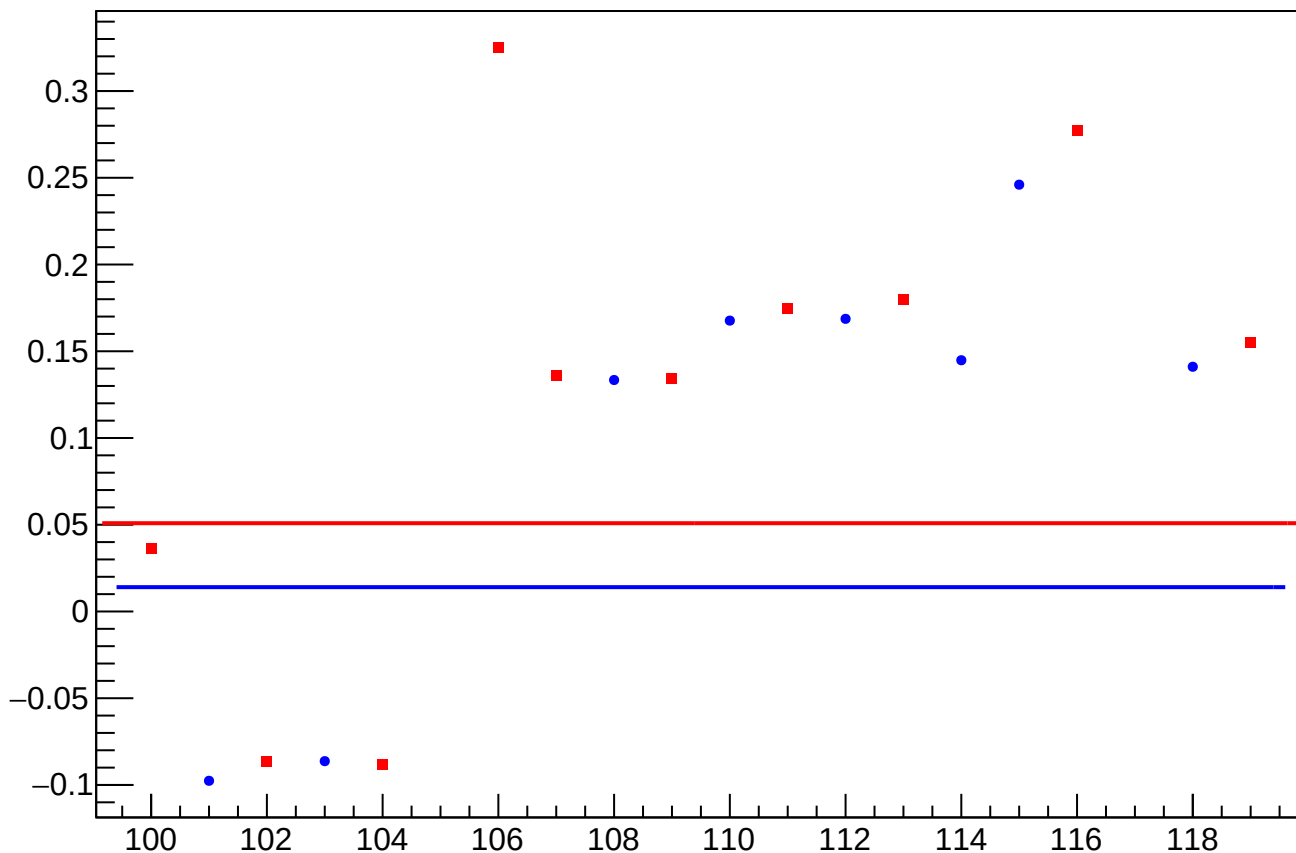
Right: 0.011+/-0.000 χ^2/NDF : 246654.7/17

In: 0.011+/-0.000 χ^2/NDF : 91663.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 246654.7/17

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 2038506884.7/7

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.033+/-0.000

χ^2/NDF : 5032858057.9/17

Right Out: 0.051+/-0.000

χ^2/NDF : 2894272706.9/9

In: 0.014+/-0.000

χ^2/NDF : 2038506884.7/7

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

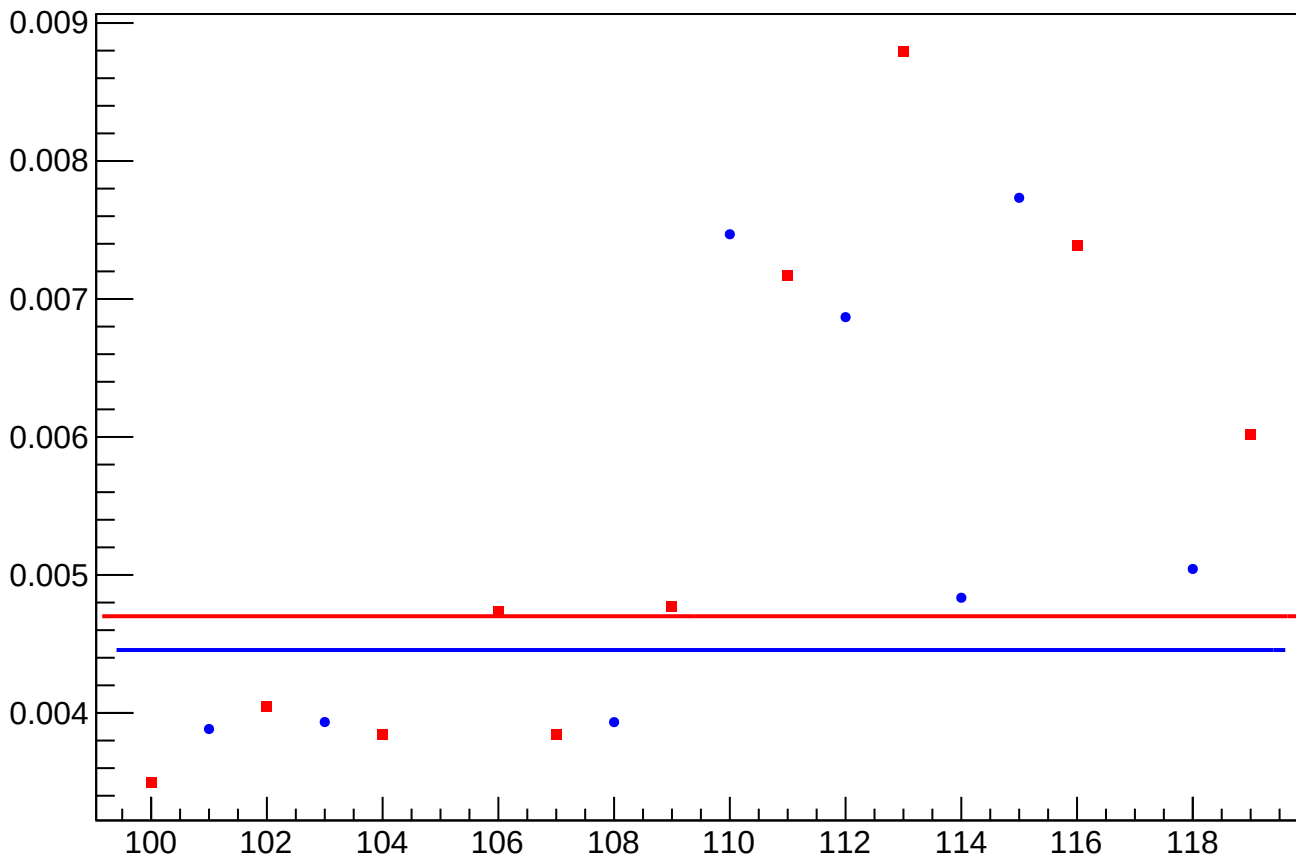
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.033+/-0.000

χ^2/NDF : 5032858057.9/17

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 322923.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 509525.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

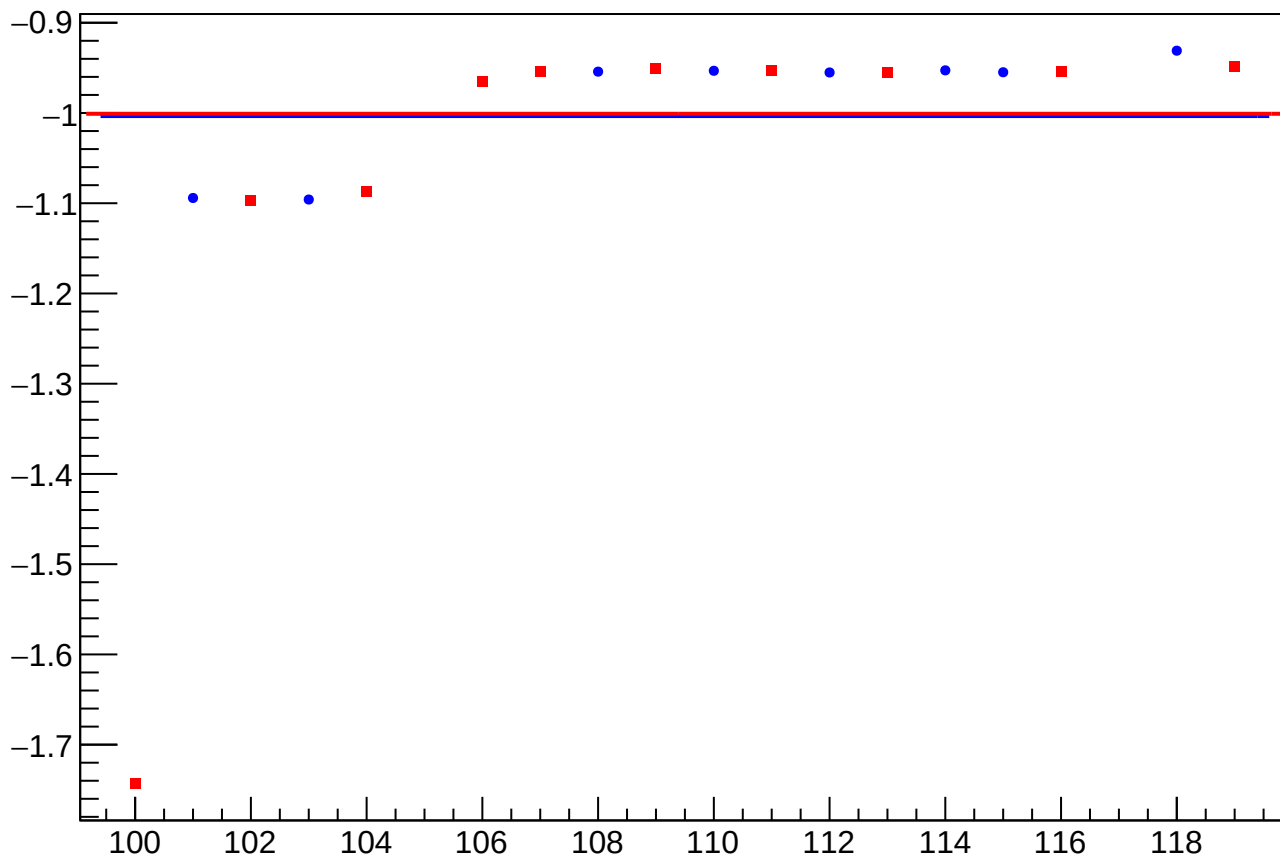
Right: 0.005+/-0.000 χ^2/NDF : 841272.0/17

In: 0.004+/-0.000 χ^2/NDF :322923.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 841272.0/17

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.003+/-0.000 χ^2/NDF : 108248980.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.001+/-0.000 χ^2/NDF : 407190730.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

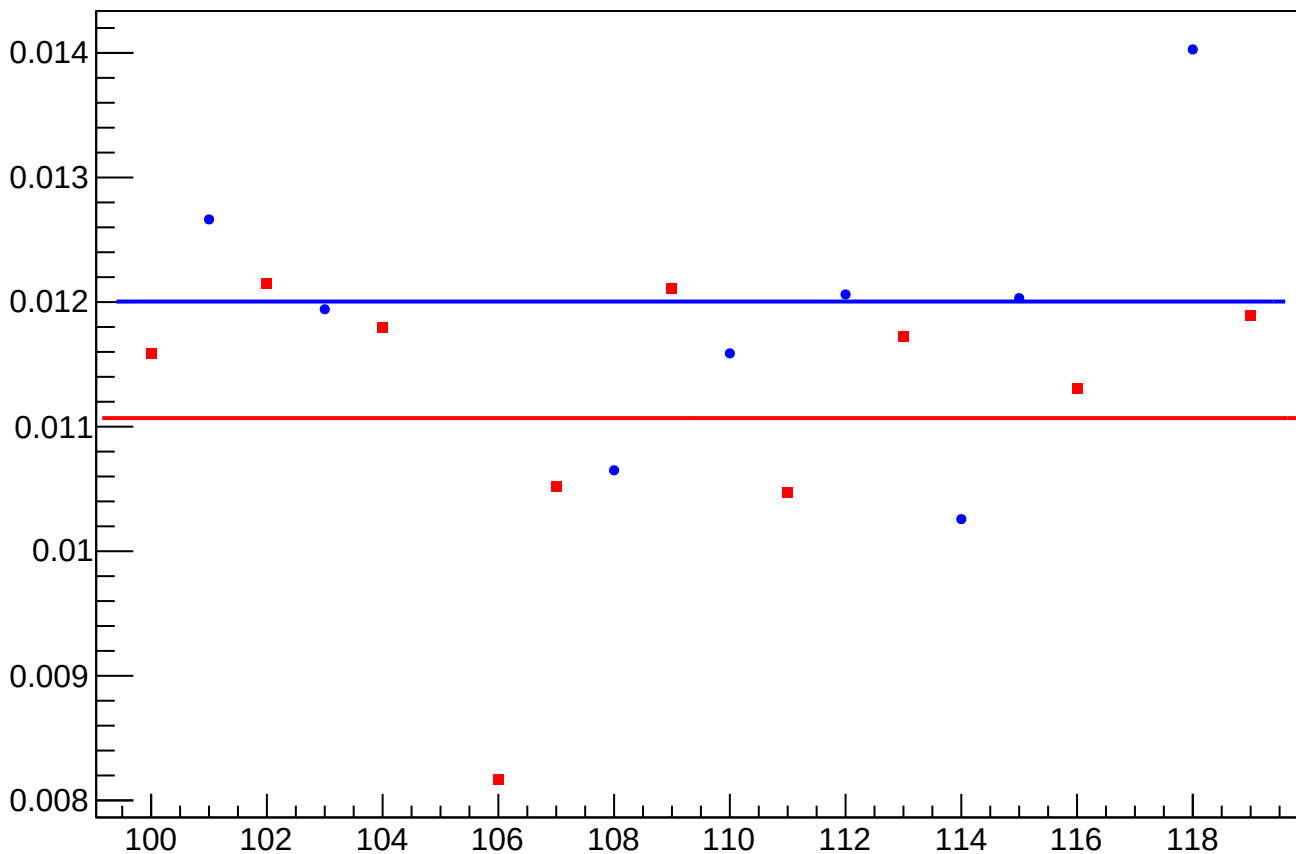
Right: -1.002+/-0.000 χ^2/NDF : 515522111.1/17

In: -1.003+/-0.000 χ^2/NDF : 108248980.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.002+/-0.000 χ^2/NDF : 515522111.1/17

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 43741.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 113271.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

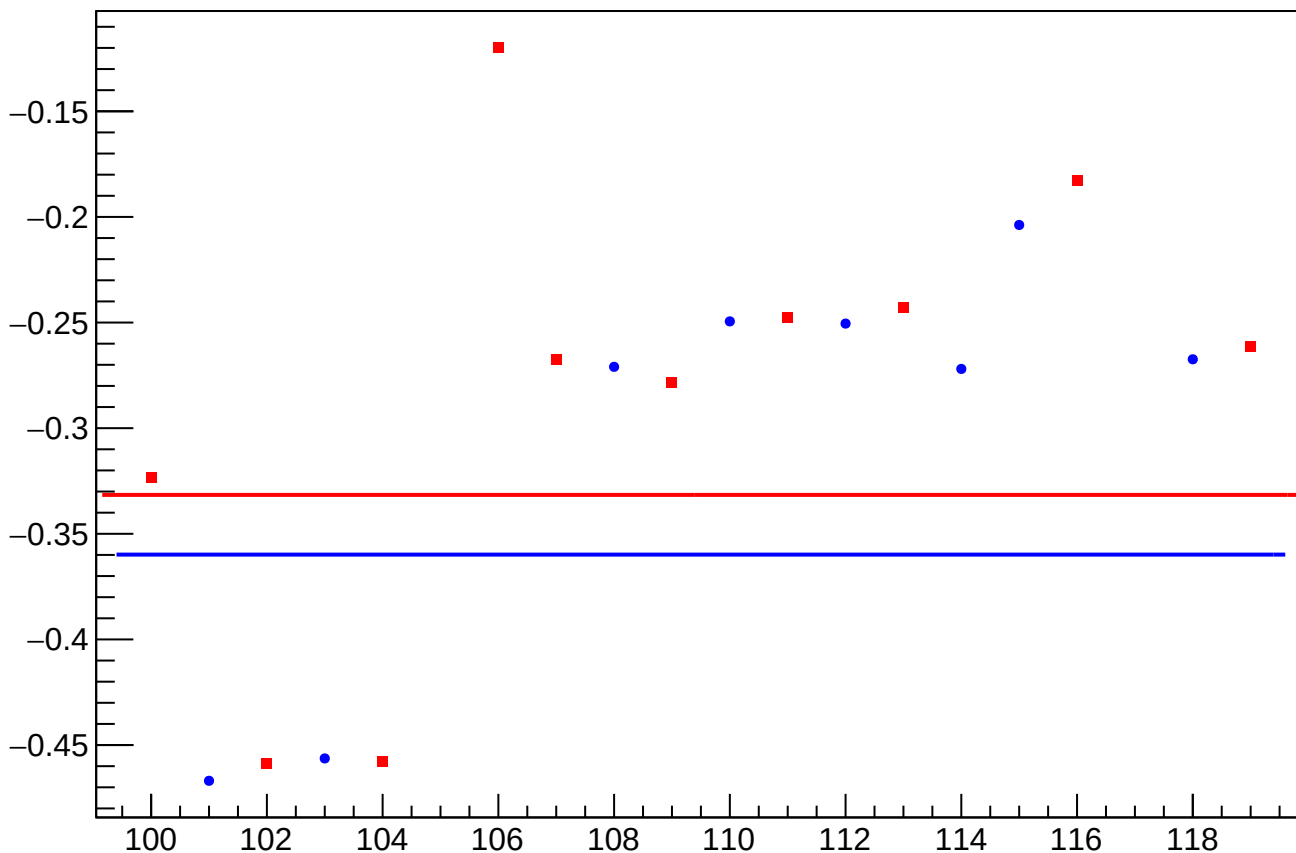
Right: 0.011+/-0.000 χ^2/NDF : 179814.5/17

In: 0.012+/-0.000 χ^2/NDF : 43741.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 179814.5/17

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.360+/-0.000 χ^2/NDF : 1856135406.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.332+/-0.000 χ^2/NDF : 2343539052.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

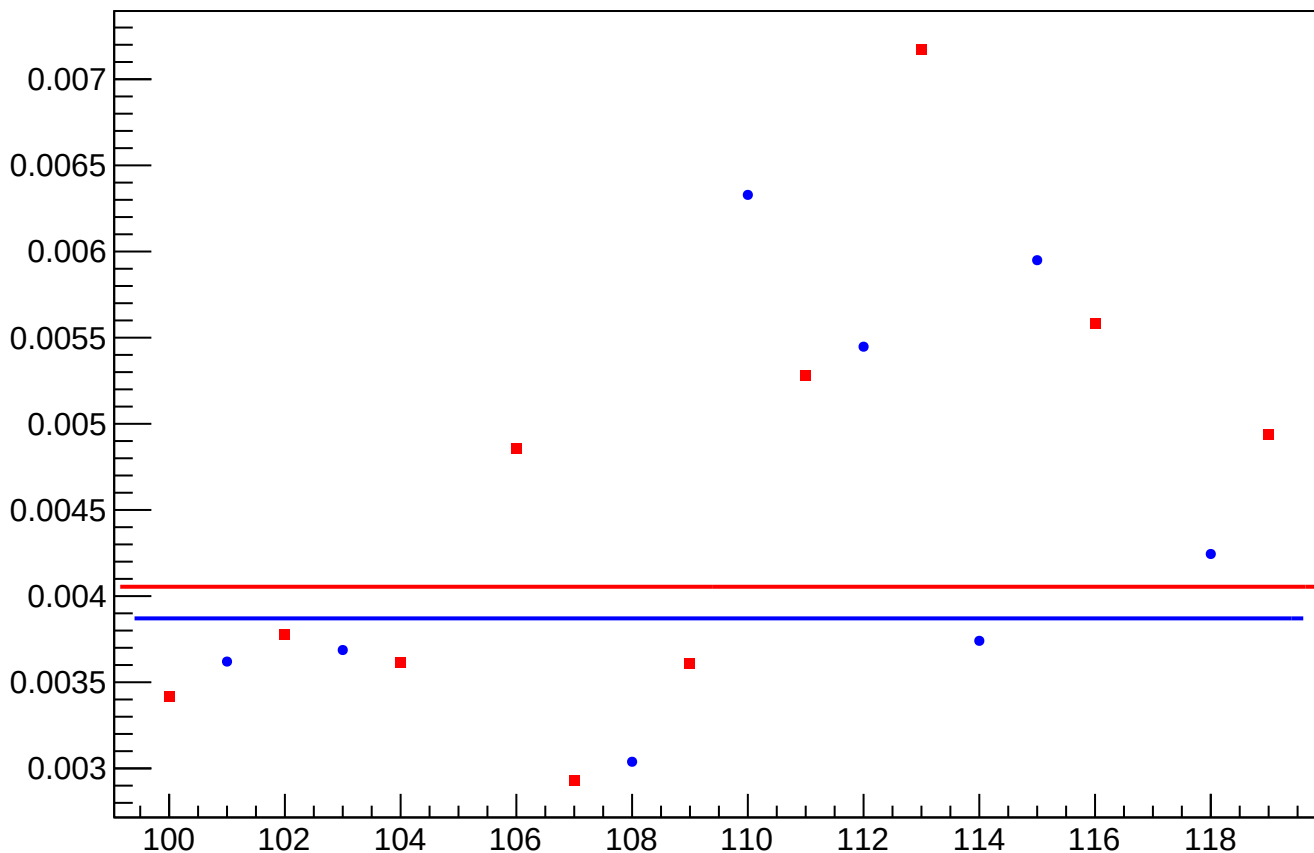
Right: -0.345+/-0.000 χ^2/NDF : 4278390252.7/17

In: -0.360+/-0.000 χ^2/NDF : 1856135406.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.345+/-0.000 χ^2/NDF : 4278390252.7/17

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 266291.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 390138.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

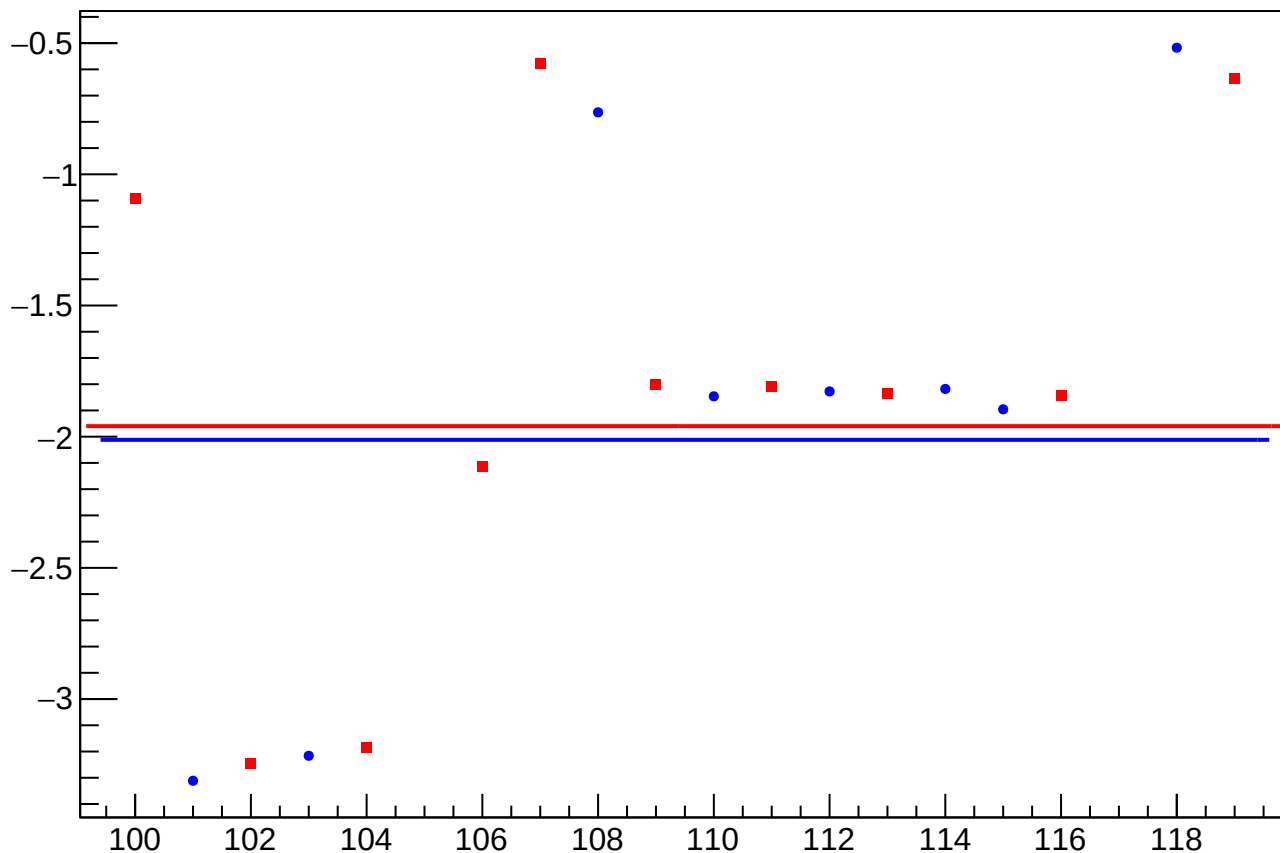
Right: 0.004+/-0.000 χ^2/NDF : 663074.4/17

In: 0.004+/-0.000 χ^2/NDF :266291.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 663074.4/17

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -2.012+/-0.000 χ^2/NDF : 731031673.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.960+/-0.000 χ^2/NDF : 650015160.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

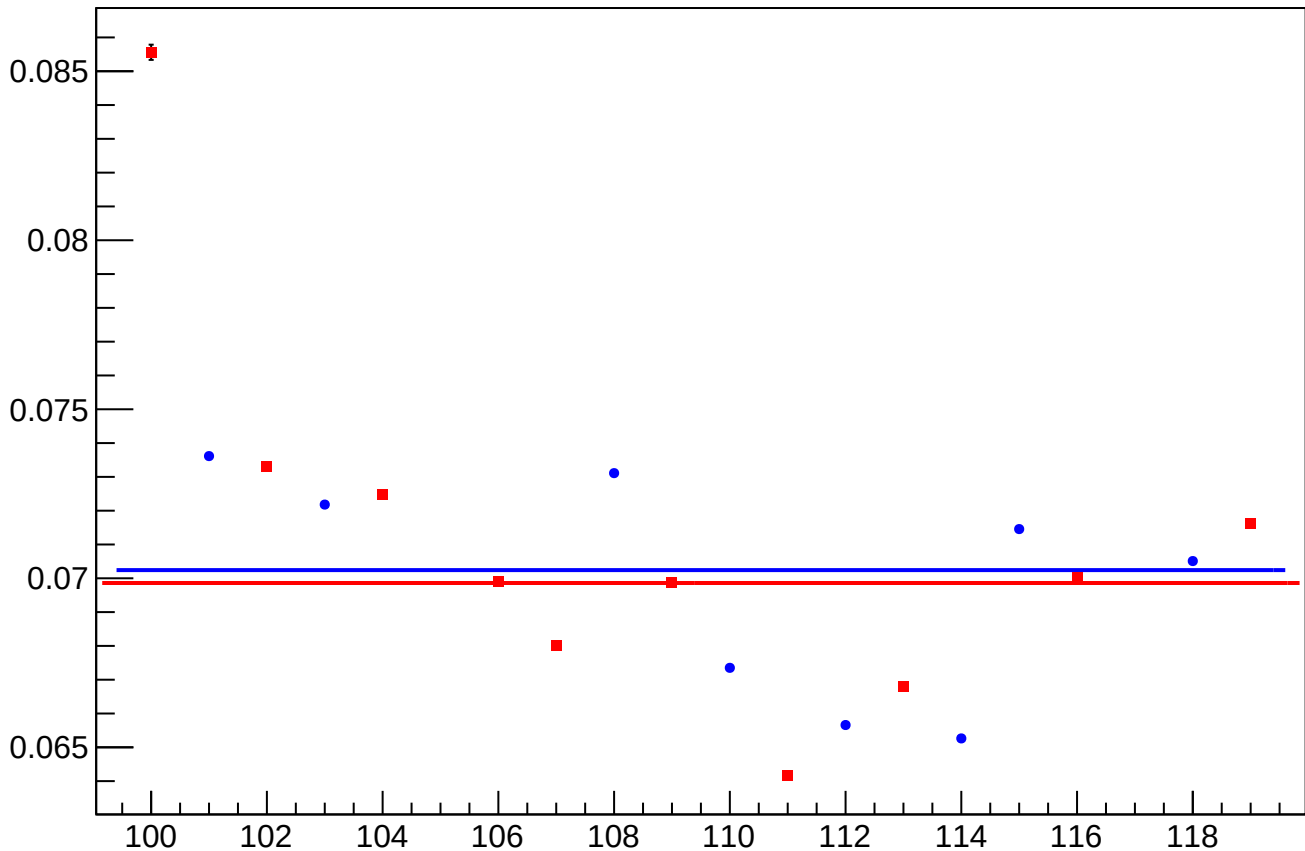
Right: -1.983+/-0.000 χ^2/NDF : 1382053954.6/17

In: -2.012+/-0.000 χ^2/NDF : 731031673.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.983+/-0.000 χ^2/NDF : 1382053954.6/17

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.070+/-0.000 χ^2/NDF : 12465.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.000 χ^2/NDF : 19035.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

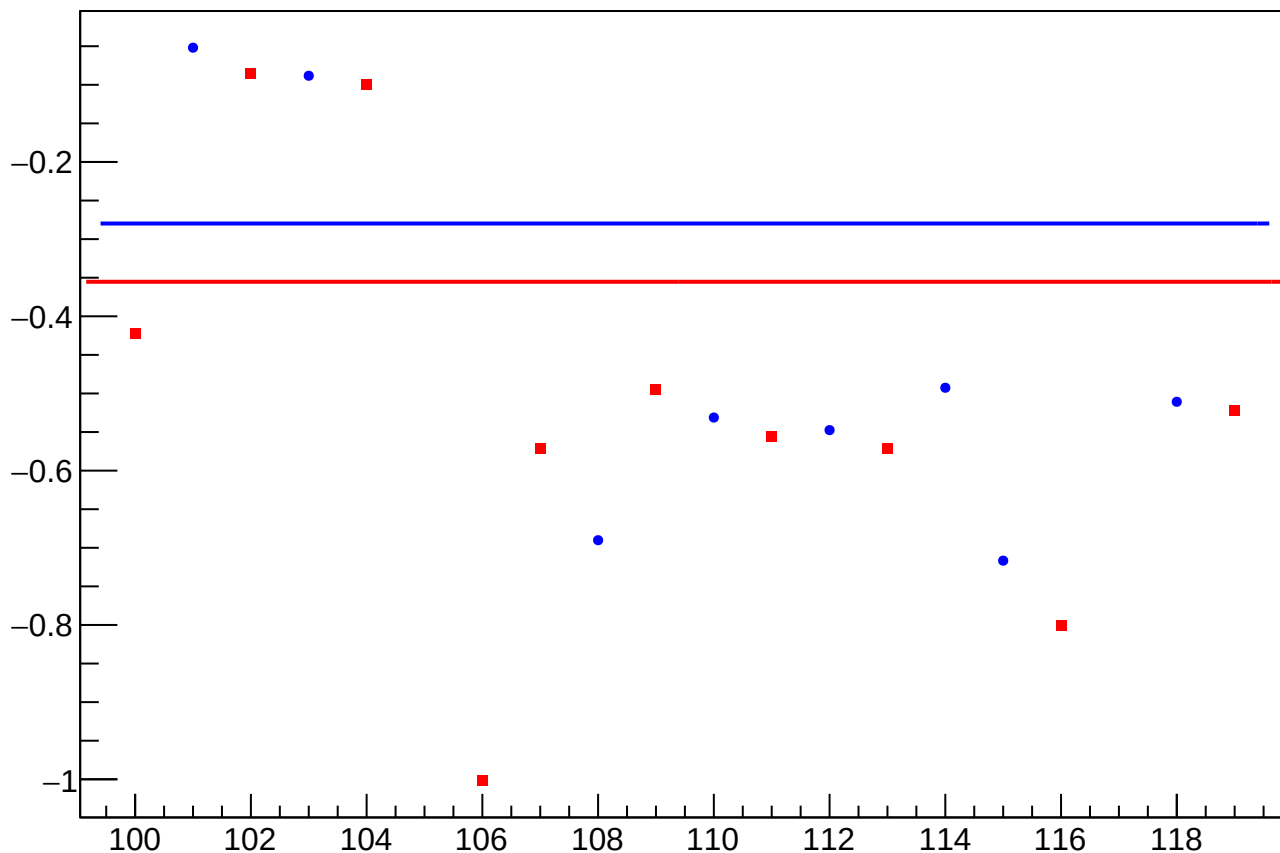
Right: 0.070+/-0.000 χ^2/NDF : 31609.1/17

In: 0.070+/-0.000 χ^2/NDF : 12465.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 31609.1/17

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.280+/-0.000 χ^2/NDF : 1633506192.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.355+/-0.000 χ^2/NDF : 2450549131.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

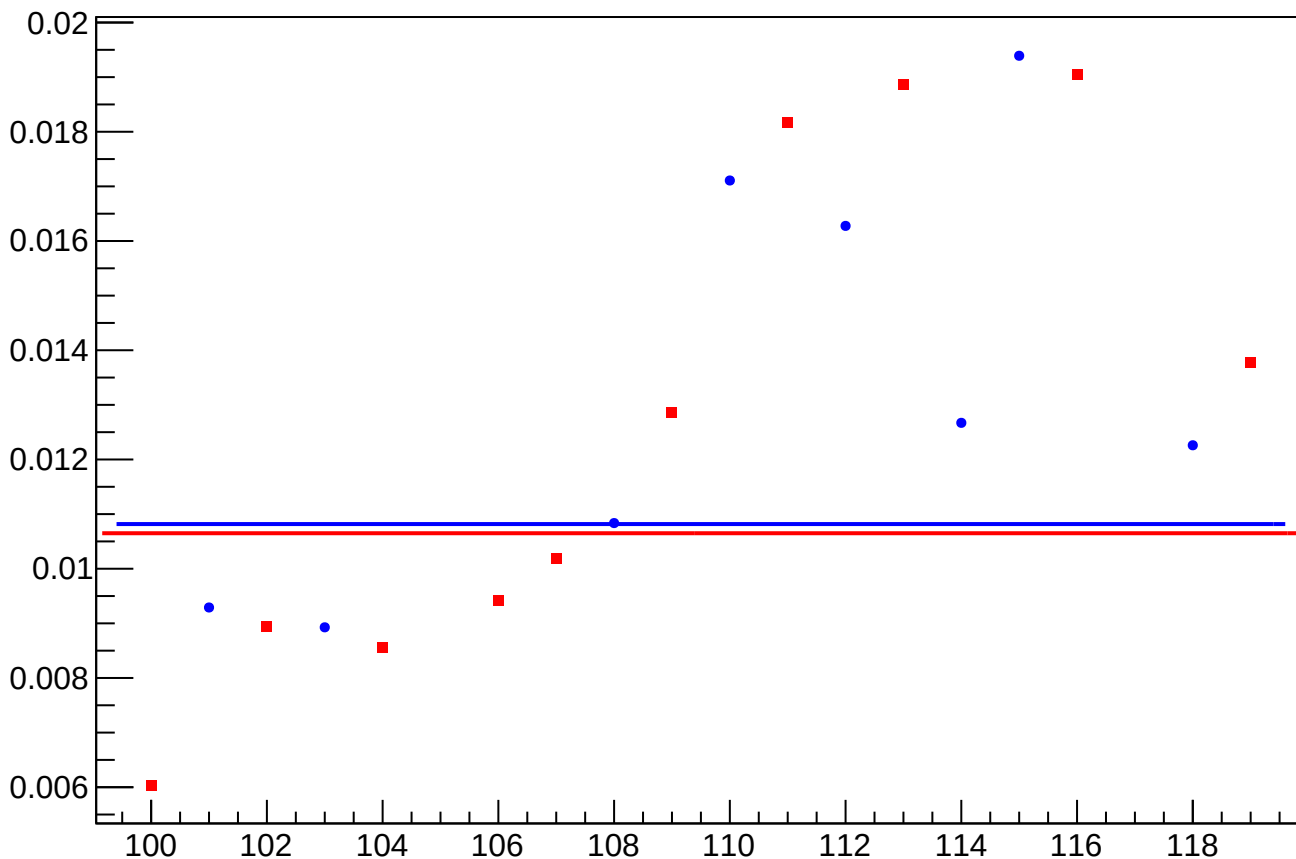
Right: -0.321+/-0.000 χ^2/NDF : 4161529861.2/17

In: -0.280+/-0.000 χ^2/NDF :1633506192.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.321+/-0.000 χ^2/NDF : 4161529861.2/1

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 340264.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 678025.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

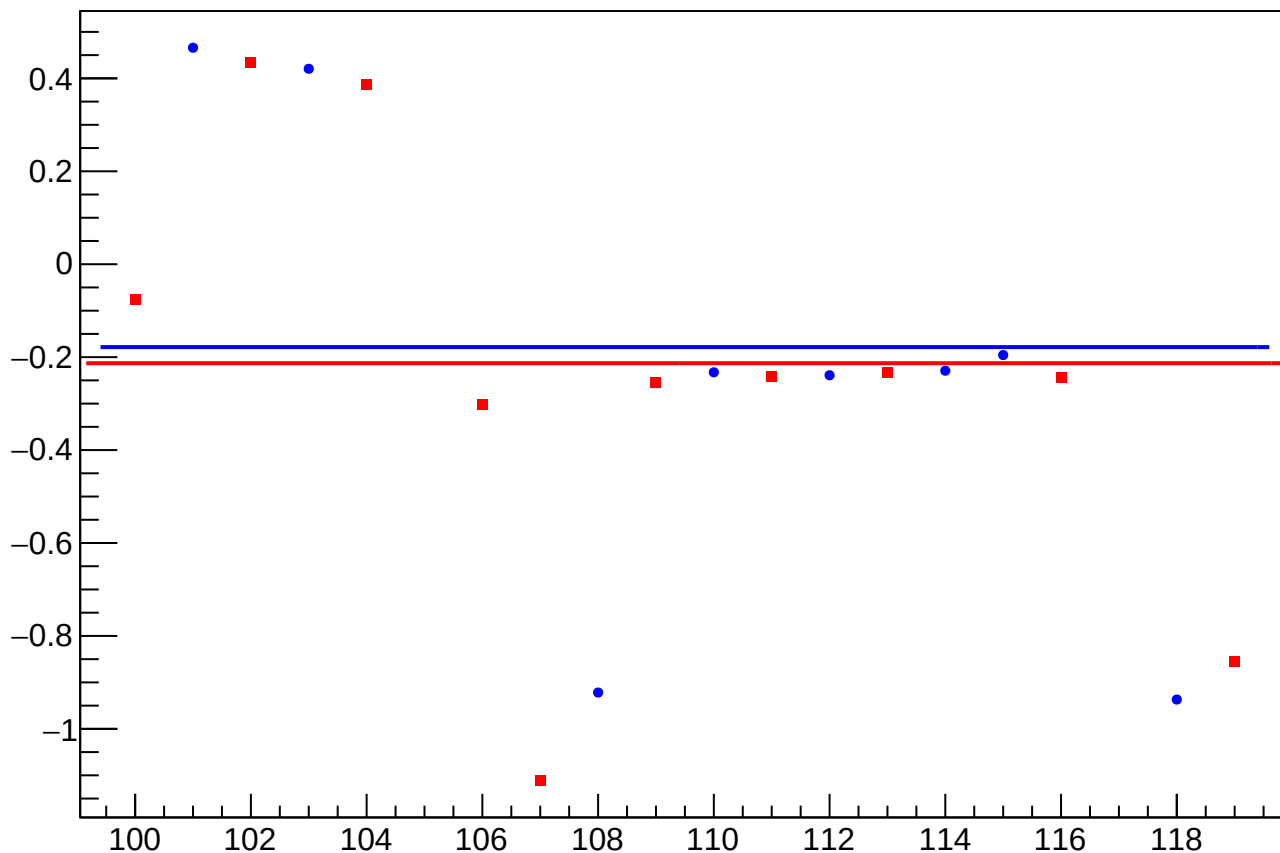
Right: 0.011+/-0.000 χ^2/NDF : 1019055.6/17

In: 0.011+/-0.000 χ^2/NDF : 340264.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1019055.6/17

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.178+/-0.000 χ^2/NDF : 129779016.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.213+/-0.000 χ^2/NDF : 115265595.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

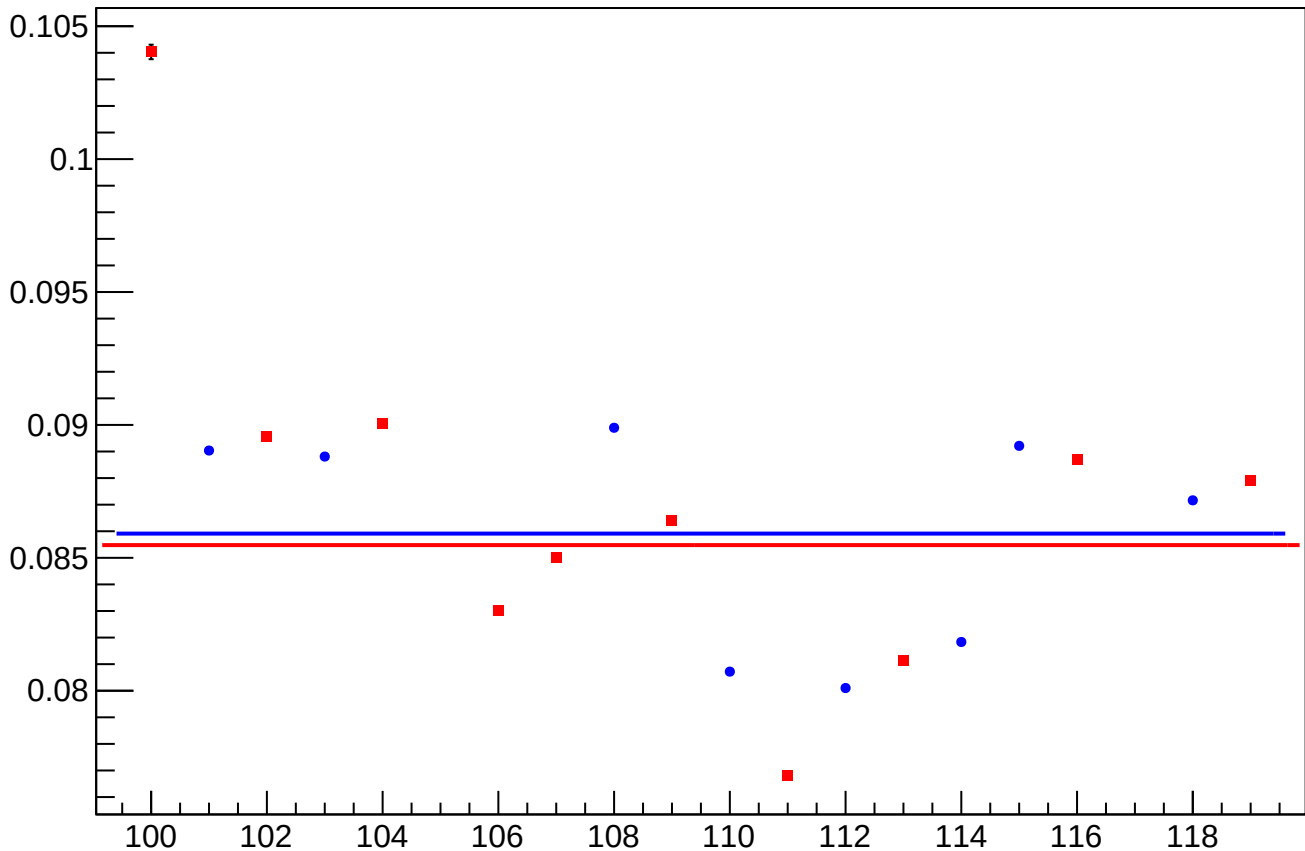
Right: -0.198+/-0.000 χ^2/NDF : 245343825.0/17

In: -0.178+/-0.000 χ^2/NDF :129779016.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.198+/-0.000 χ^2/NDF : 245343825.0/17

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 13980.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.085+/-0.000 χ^2/NDF : 26306.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

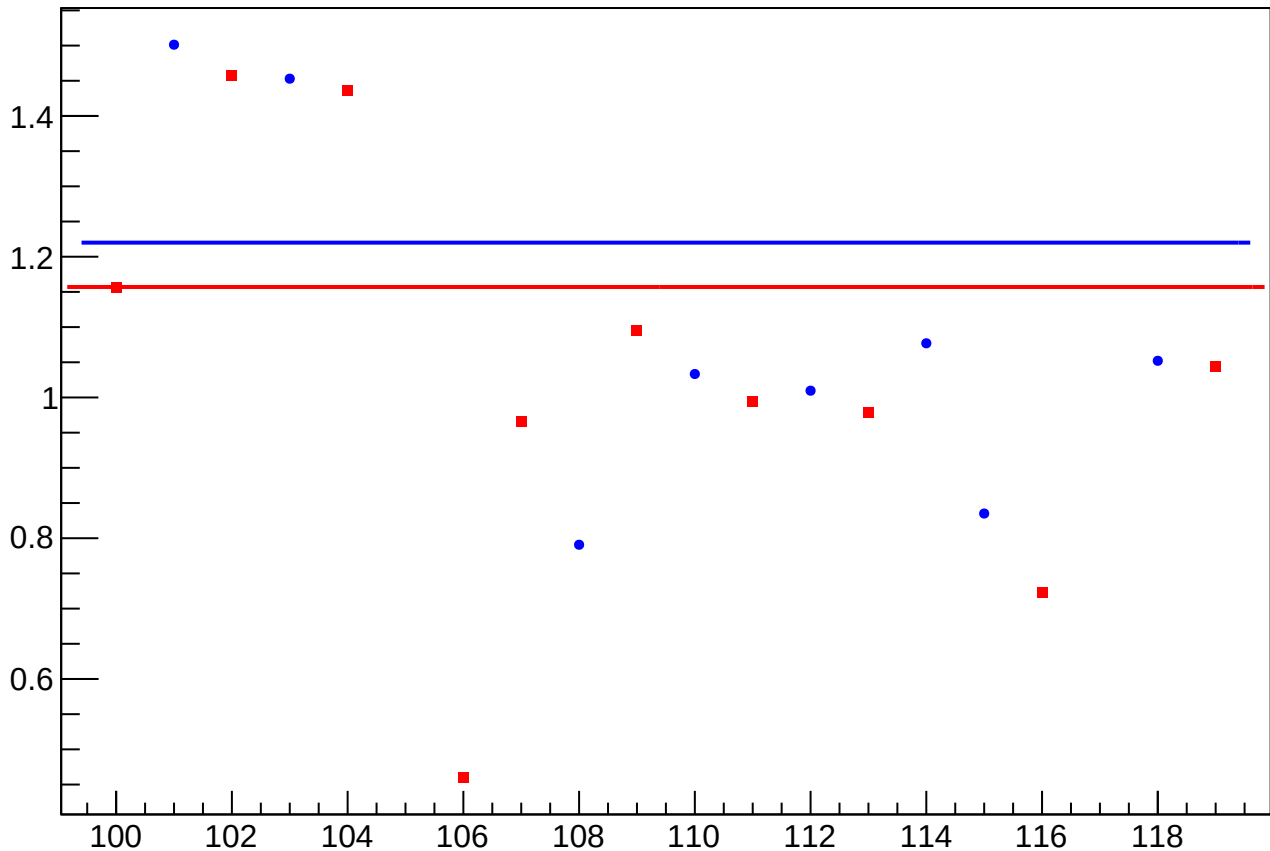
Right: 0.086+/-0.000 χ^2/NDF : 40380.6/17

In: 0.086+/-0.000 χ^2/NDF : 13980.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.086+/-0.000 χ^2/NDF : 40380.6/17

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.220+/-0.000 χ^2/NDF : 1027394982.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.157+/-0.000 χ^2/NDF : 1403427478.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

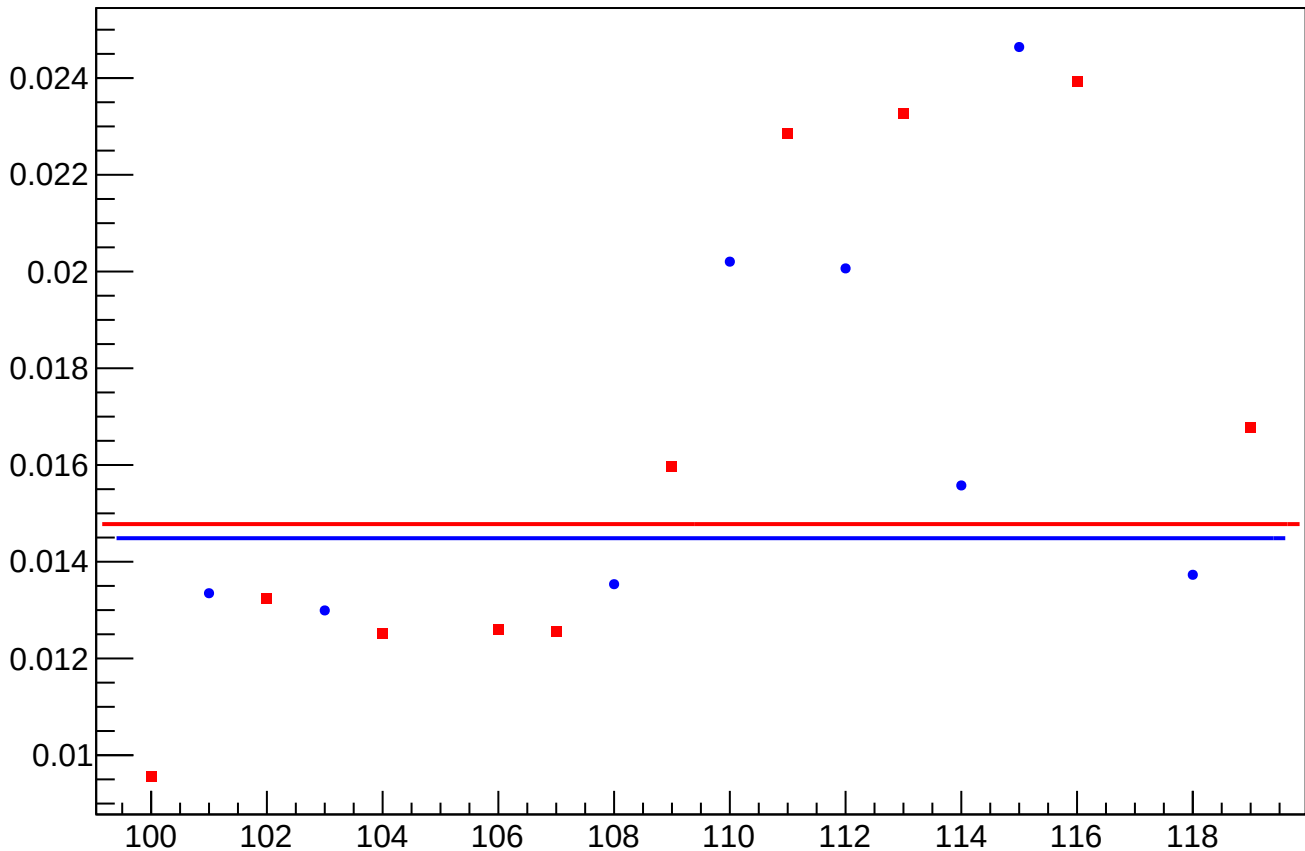
Right: 1.186+/-0.000 χ^2/NDF : 2460747640.5/17

In: 1.220+/-0.000 χ^2/NDF : 1027394982.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.186+/-0.000 χ^2/NDF : 2460747640.5/17

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 193521.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 422878.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

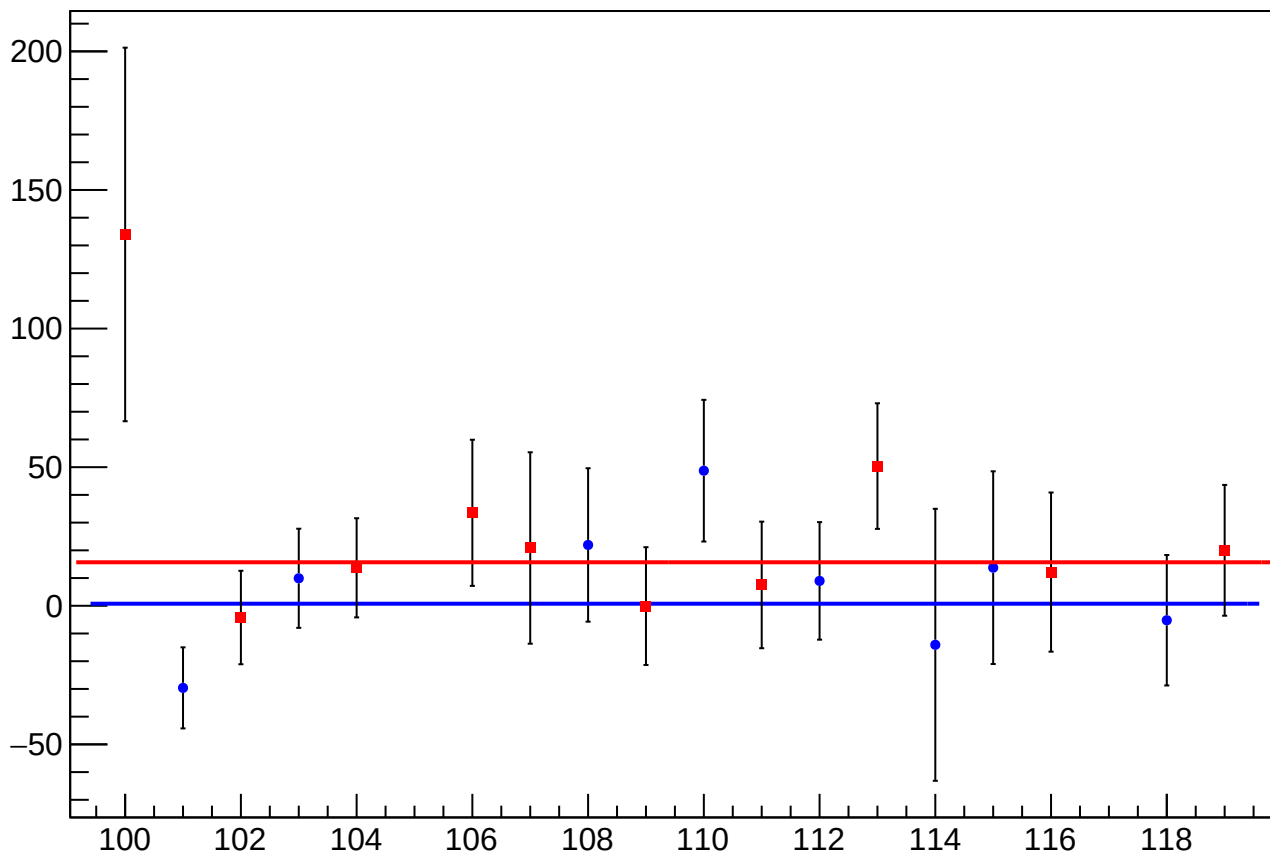
Right: 0.015+/-0.000 χ^2/NDF : 617682.2/17

In: 0.014+/-0.000 χ^2/NDF : 193521.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 617682.2/17

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: 0.744+/-7.927 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.693+/-7.405 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

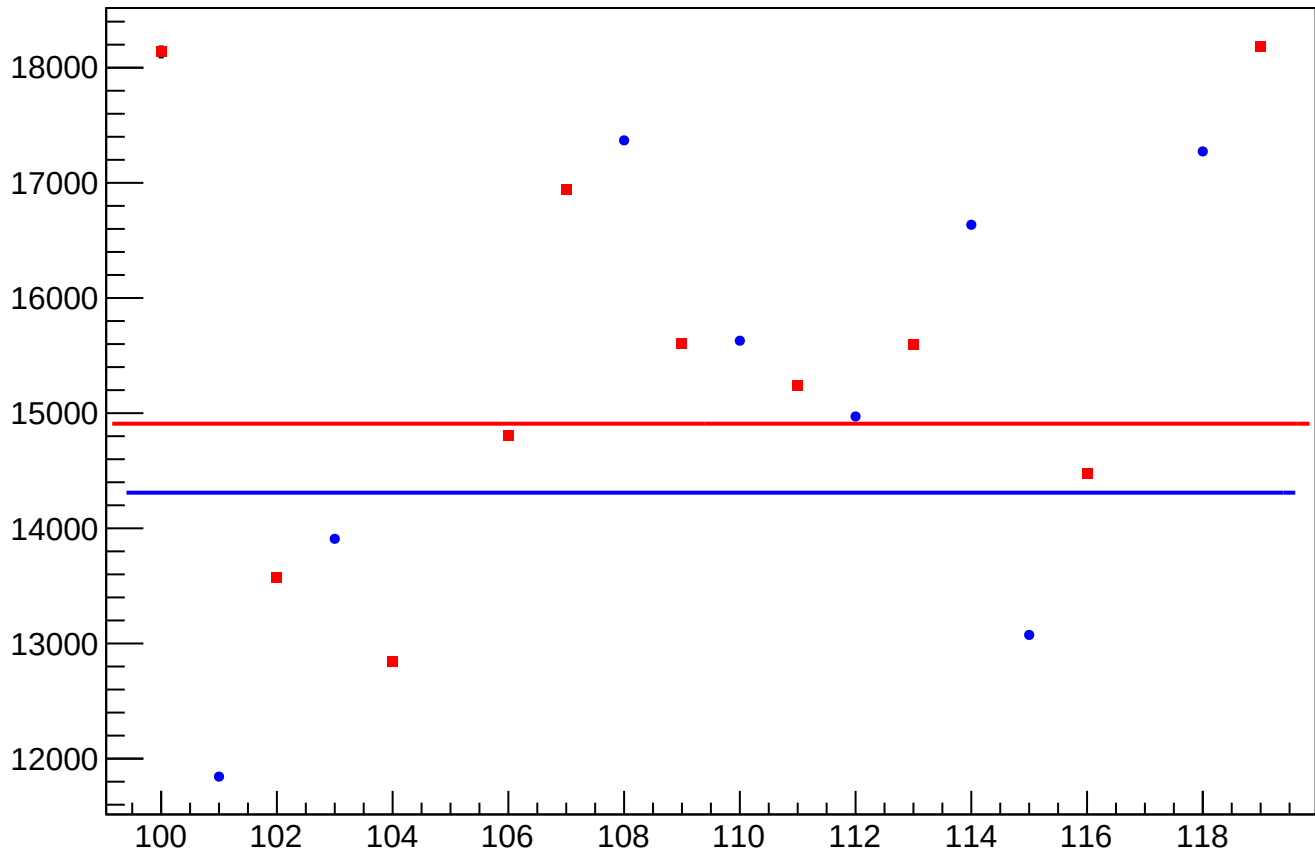
Right: 8.727+/-5.411 χ^2/NDF : 19.1/17

In: 0.744+/-7.927 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.727+/-5.411 χ^2/NDF : 19.1/17

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 14309.535+/-5.605 χ^2/NDF : 128322.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14908.496+/-5.236 χ^2/NDF : 94120.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

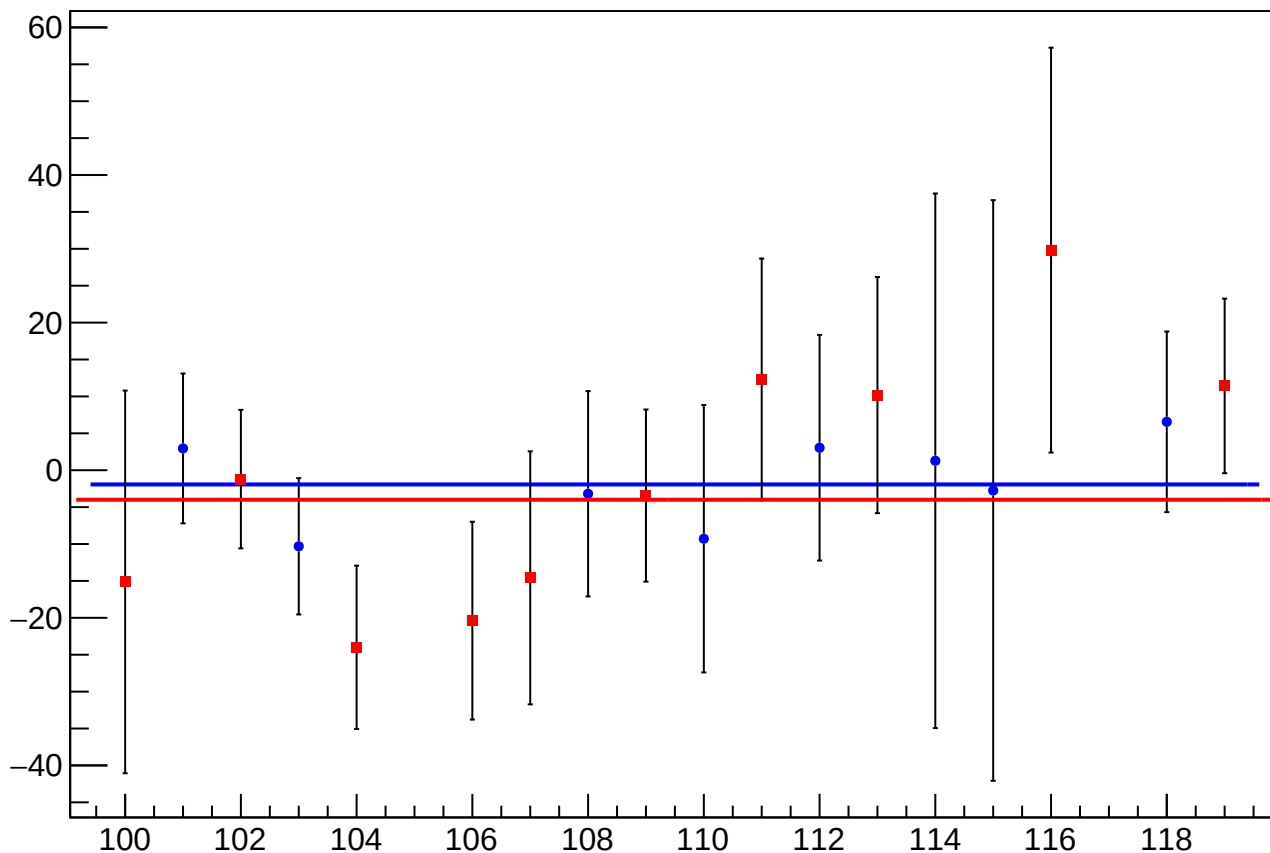
Right: 14629.387+/-3.826 χ^2/NDF : 228540.7/17

In: 14309.535+/-5.605 χ^2/NDF : 128322.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14629.387+/-3.826 χ^2/NDF : 228540.7/17

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -1.928+/-4.879 χ^2/NDF : 1.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.999+/-4.326 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

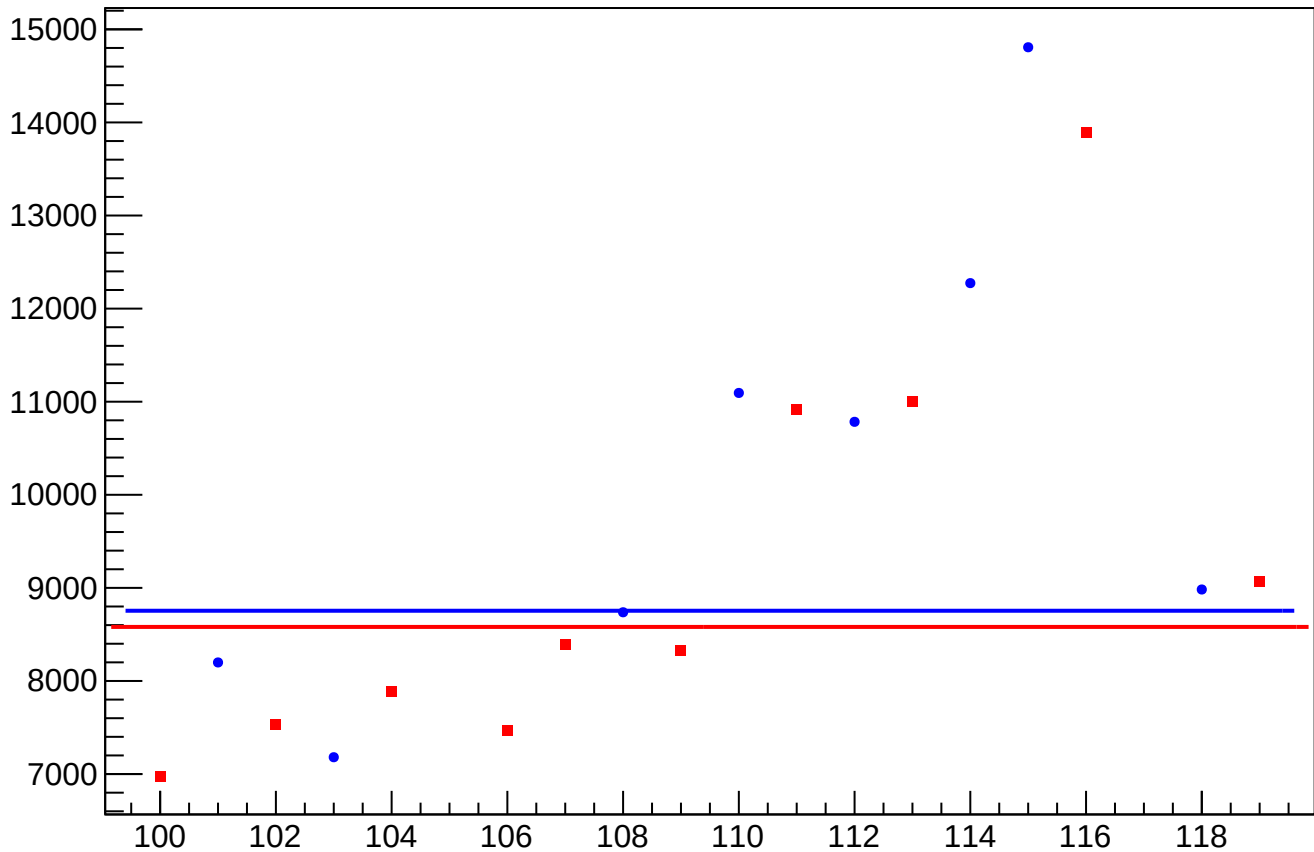
Right: -3.087+/-3.237 χ^2/NDF : 12.3/17

In: -1.928+/-4.879 χ^2/NDF :1.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.087+/-3.237 χ^2/NDF : 12.3/17

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8754.379+/-3.450 χ^2/NDF : 199607.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8580.613+/-3.059 χ^2/NDF : 220102.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

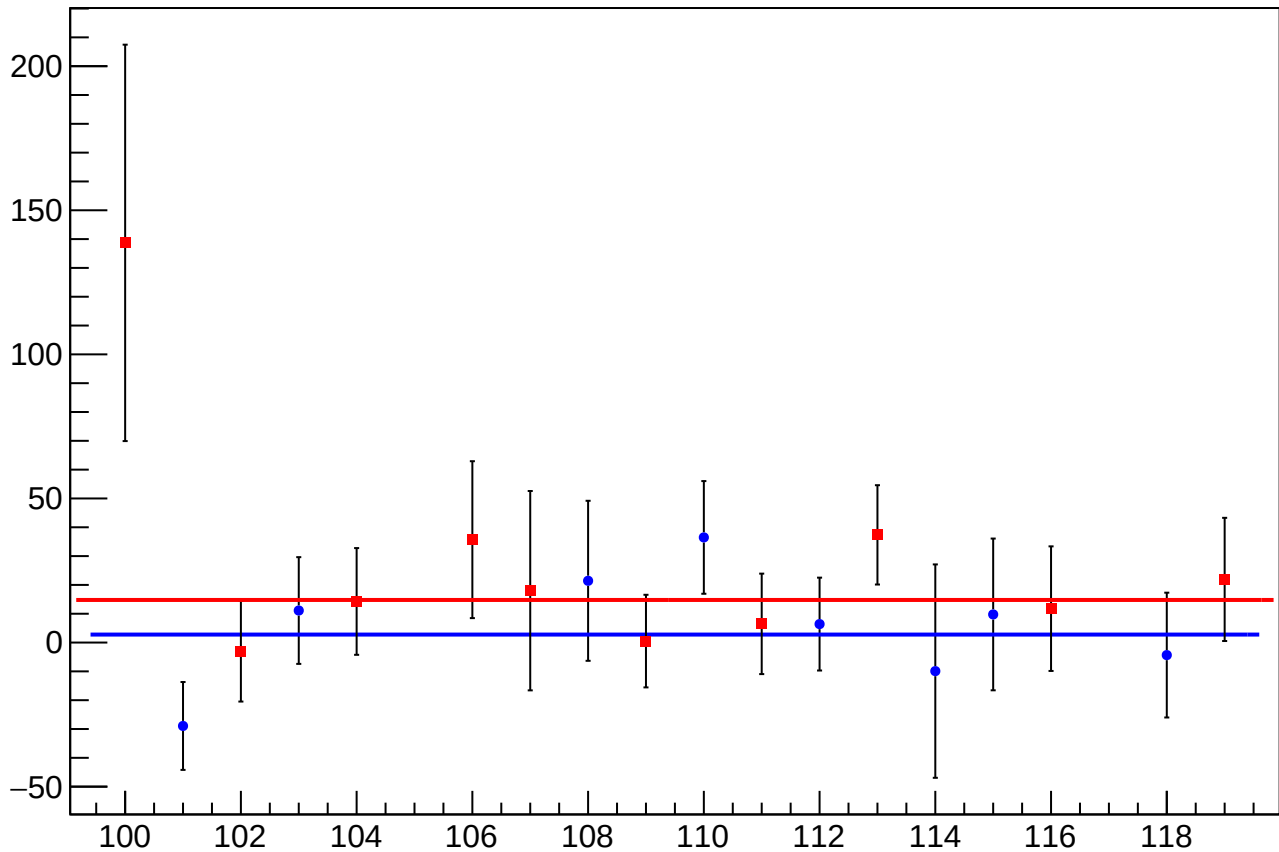
Right: 8657.085+/-2.289 χ^2/NDF : 421130.5/17

In: 8754.379+/-3.450 χ^2/NDF : 199607.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8657.085+/-2.289 χ^2/NDF : 421130.5/17

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: 2.770+/-7.200 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.780+/-6.530 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

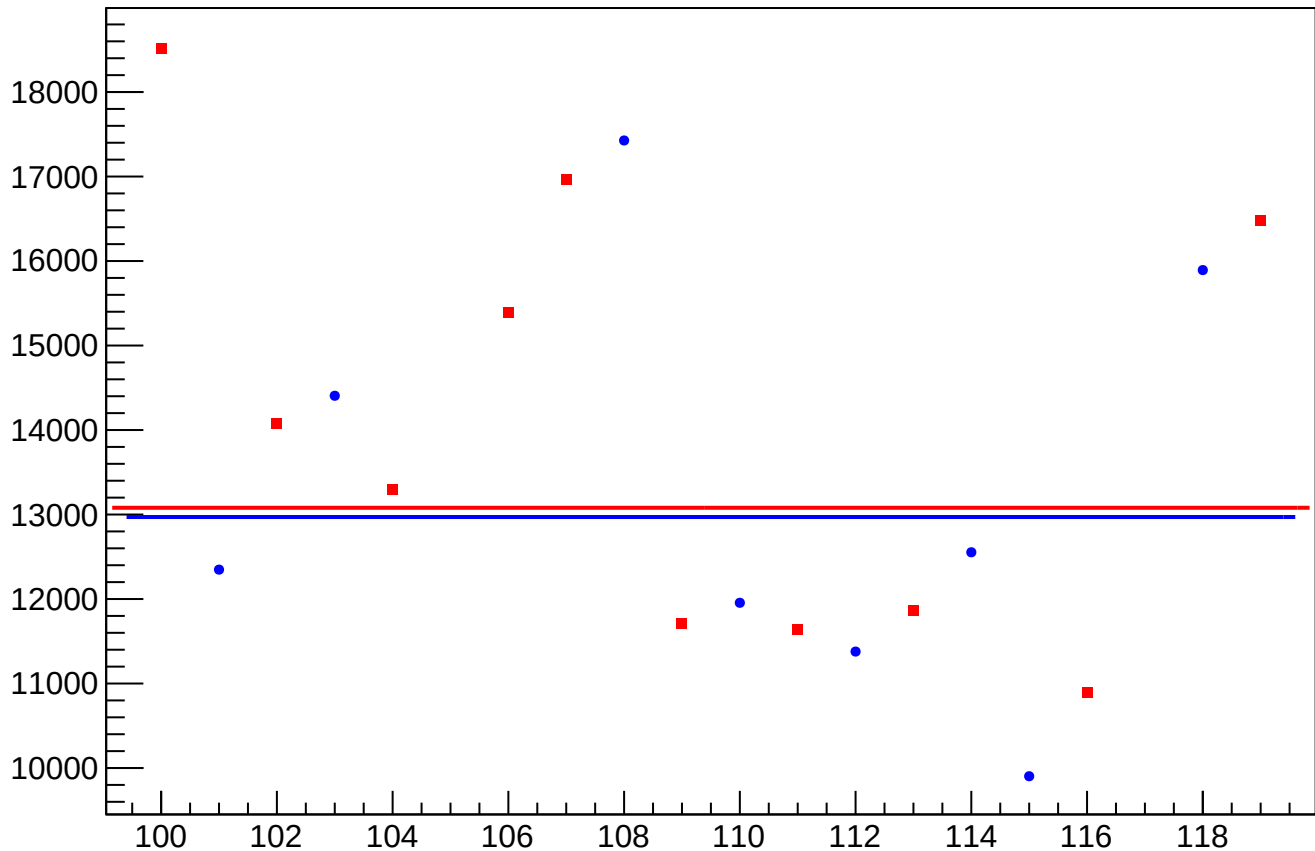
Right: 9.360+/-4.837 χ^2/NDF : 17.6/17

In: 2.770+/-7.200 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.360+/-4.837 χ^2/NDF : 17.6/17

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12970.550+/-5.091 χ^2/NDF : 155625.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13080.012+/-4.618 χ^2/NDF : 168062.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

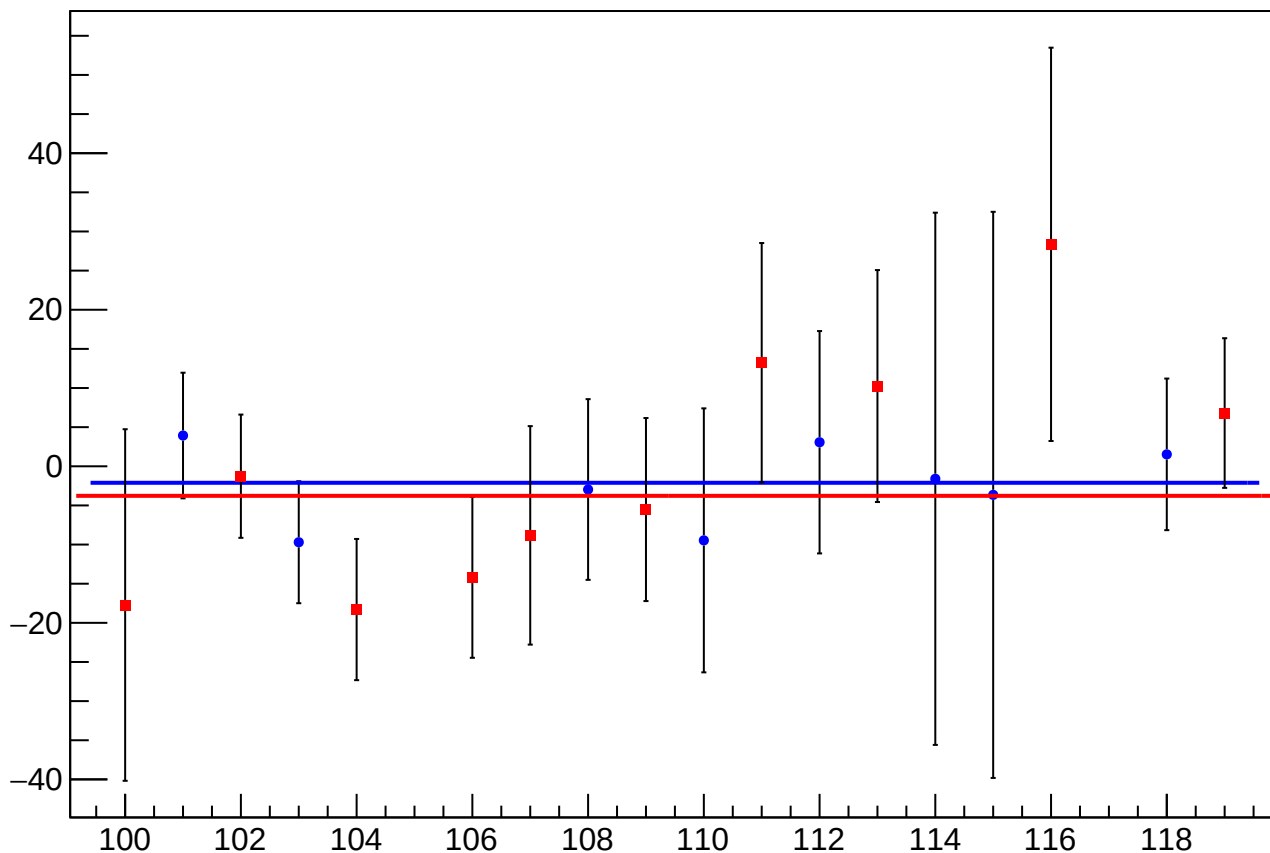
Right: 13030.610+/-3.420 χ^2/NDF : 323941.6/17

In: 12970.550+/-5.091 χ^2/NDF : 155625.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13030.610+/-3.420 χ^2/NDF : 323941.6/17

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -2.106 ± 4.073 $\chi^2/\text{NDF}: 2.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.774 ± 3.684 $\chi^2/\text{NDF}: 9.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

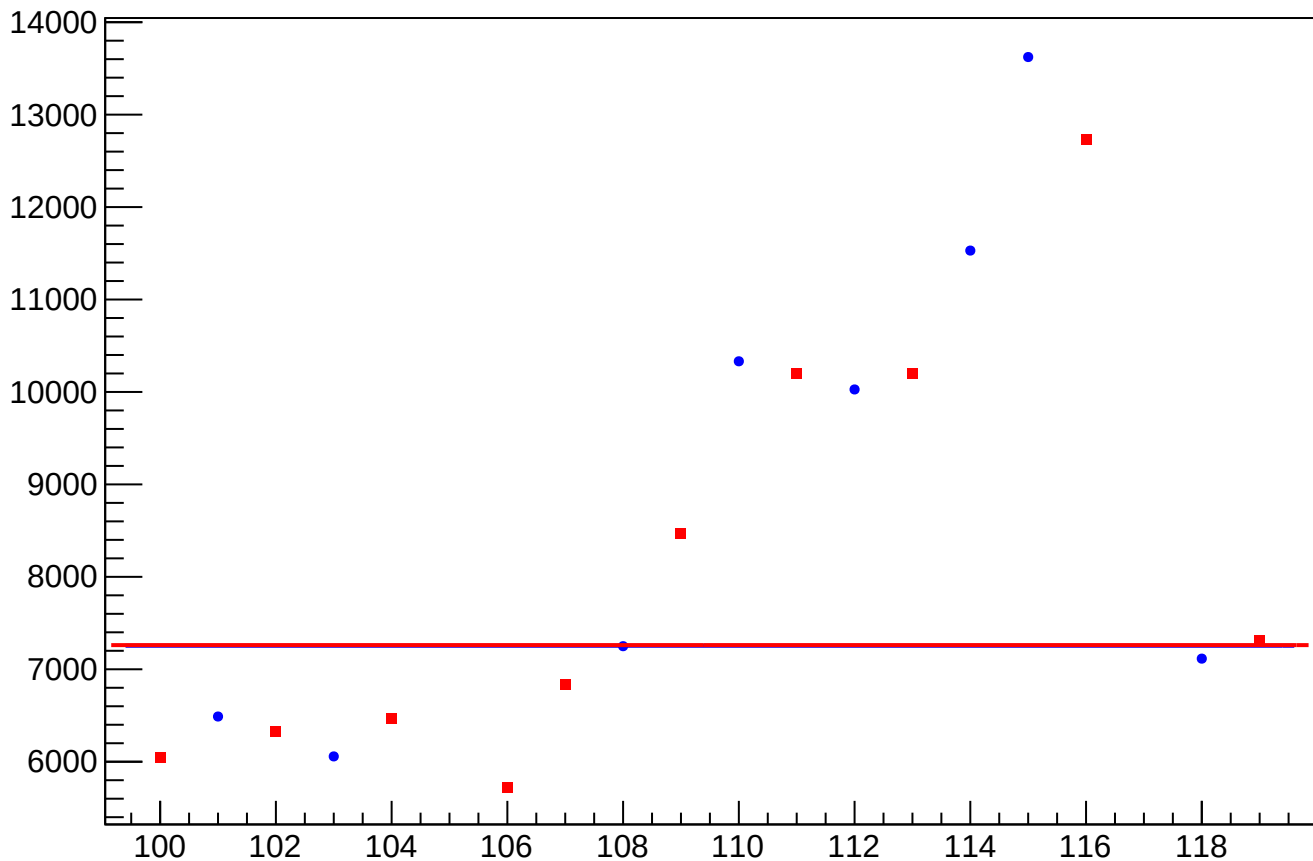
Right: -3.023 ± 2.732 $\chi^2/\text{NDF}: 11.3/17$

In: -2.106 ± 4.073 $\chi^2/\text{NDF}: 2.0/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.023 ± 2.732 $\chi^2/\text{NDF}: 11.3/17$

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 7254.639+/-2.880 χ^2/NDF : 302277.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7261.448+/-2.605 χ^2/NDF : 364432.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

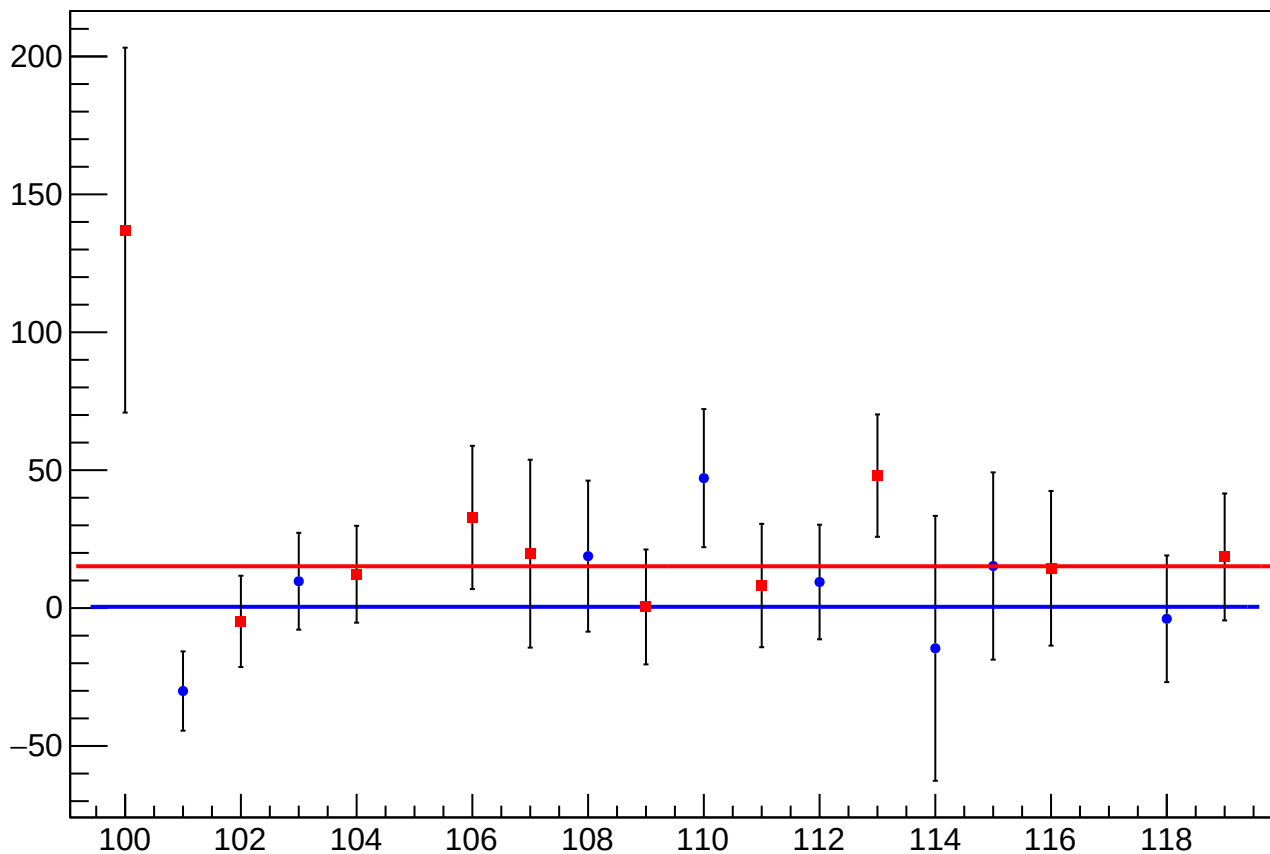
Right: 7258.384+/-1.932 χ^2/NDF : 666712.7/17

In: 7254.639+/-2.880 χ^2/NDF : 302277.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7258.384+/-1.932 χ^2/NDF : 666712.7/17

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: 0.457+/-7.778 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.158+/-7.262 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

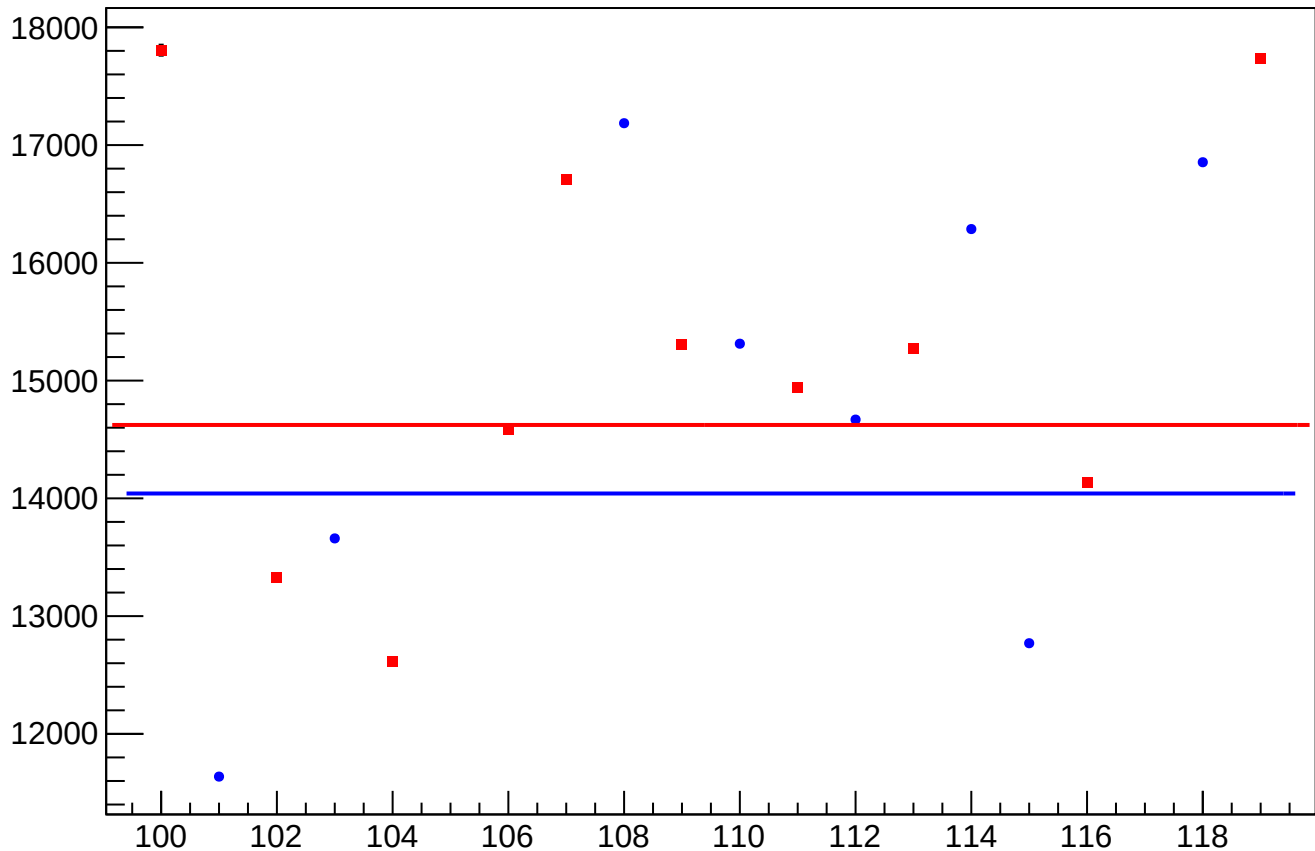
Right: 8.310+/-5.308 χ^2/NDF : 19.3/17

In: 0.457+/-7.778 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.310+/-5.308 χ^2/NDF : 19.3/17

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 14041.269+/-5.500 χ^2/NDF : 127490.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14623.295+/-5.135 χ^2/NDF : 92077.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

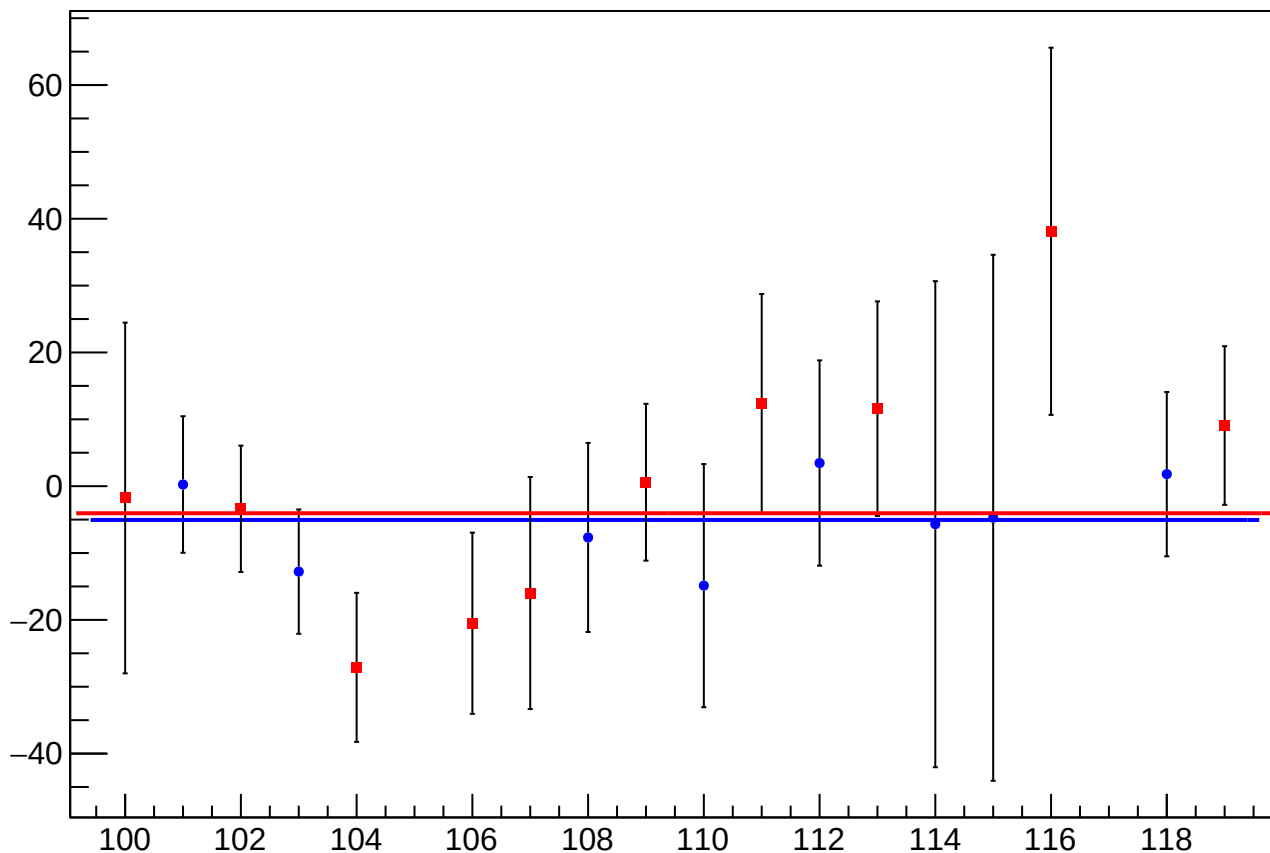
Right: 14352.204+/-3.753 χ^2/NDF : 225551.2/17

In: 14041.269+/-5.500 χ^2/NDF : 127490.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14352.204+/-3.753 χ^2/NDF : 225551.2/17

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -5.054+/-4.913 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.052+/-4.354 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

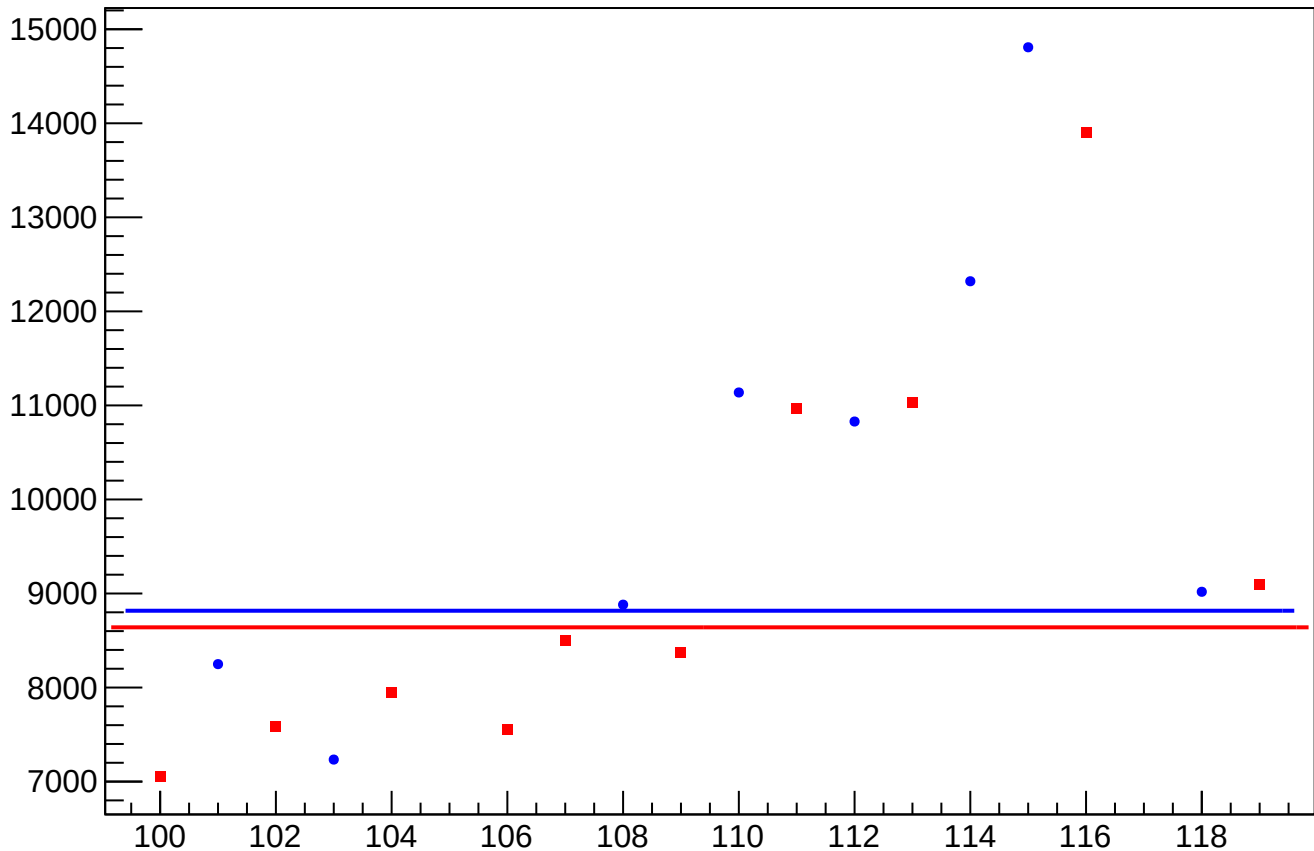
Right: -4.493+/-3.258 χ^2/NDF : 13.8/17

In: -5.054+/-4.913 χ^2/NDF : 1.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.493+/-3.258 χ^2/NDF : 13.8/17

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8816.697+/-3.474 χ^2/NDF : 196530.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8640.259+/-3.079 χ^2/NDF : 215005.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

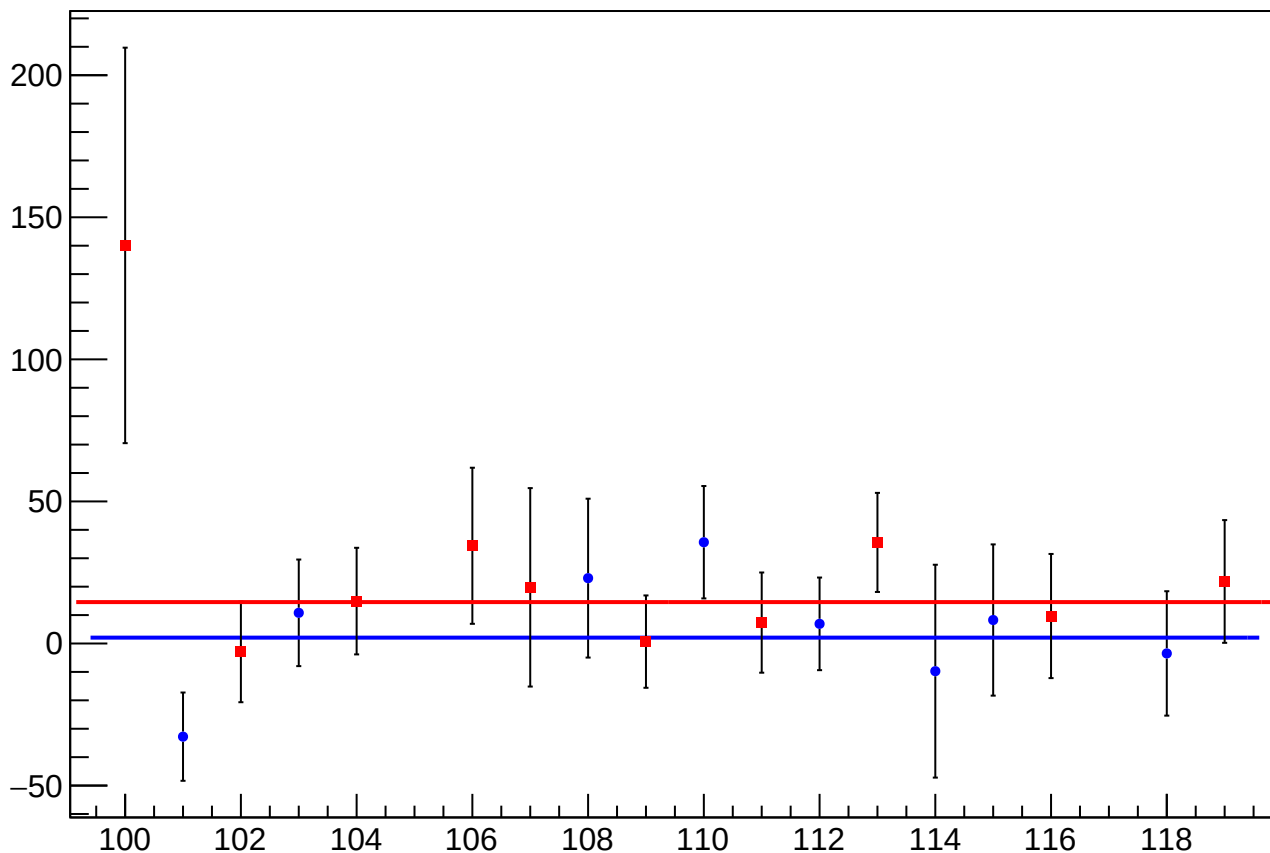
Right: 8717.882+/-2.304 χ^2/NDF : 412980.6/17

In: 8816.697+/-3.474 χ^2/NDF : 196530.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8717.882+/-2.304 χ^2/NDF : 412980.6/17

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: 2.067+/-7.293 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.573+/-6.606 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

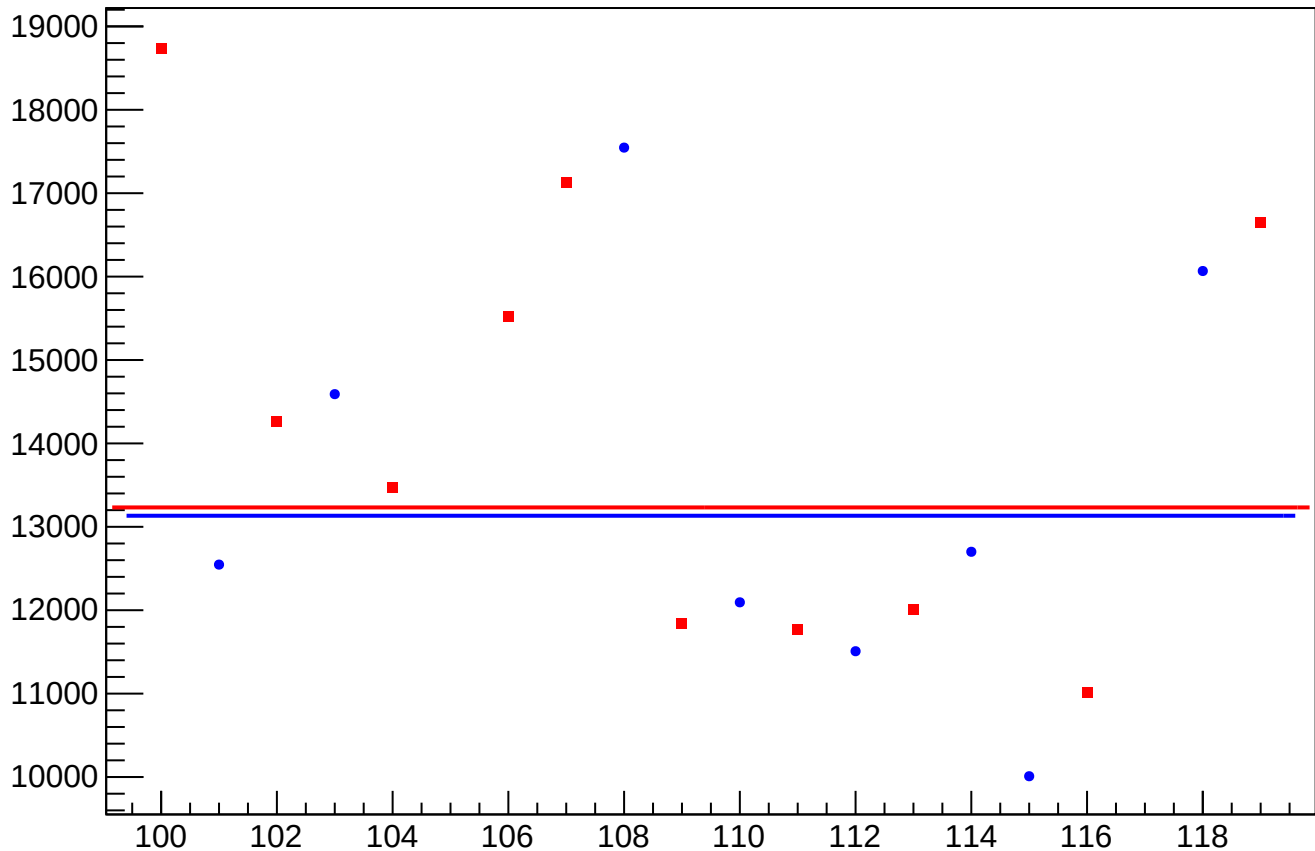
Right: 8.937+/-4.896 χ^2/NDF : 17.9/17

In: 2.067+/-7.293 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.937+/-4.896 χ^2/NDF : 17.9/17

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 13132.730+/-5.157 χ^2/NDF : 153915.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13232.427+/-4.671 χ^2/NDF : 167335.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

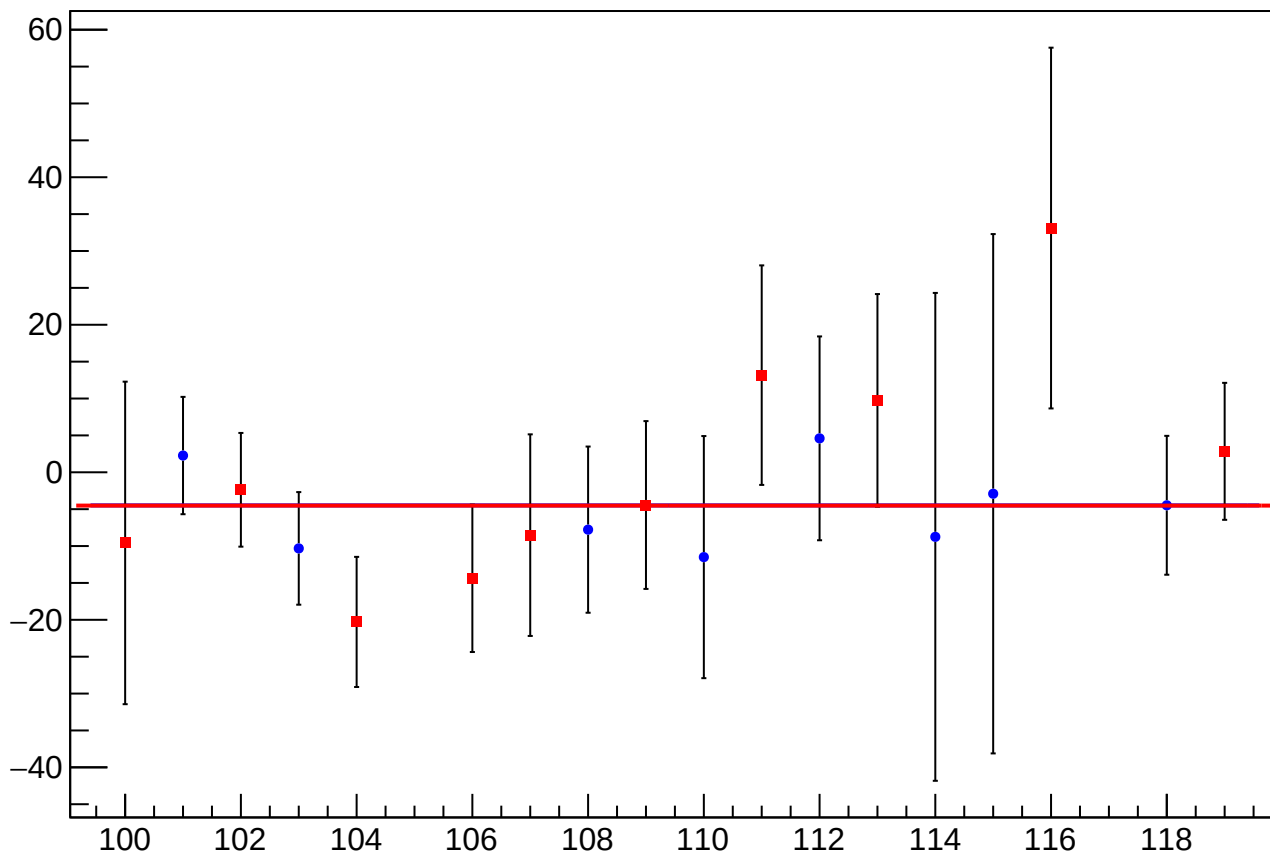
Right: 13187.497+/-3.462 χ^2/NDF : 321456.2/17

In: 13132.730+/-5.157 χ^2/NDF : 153915.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13187.497+/-3.462 χ^2/NDF : 321456.2/17

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.489+/-3.990 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.516+/-3.593 χ^2/NDF : 9.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

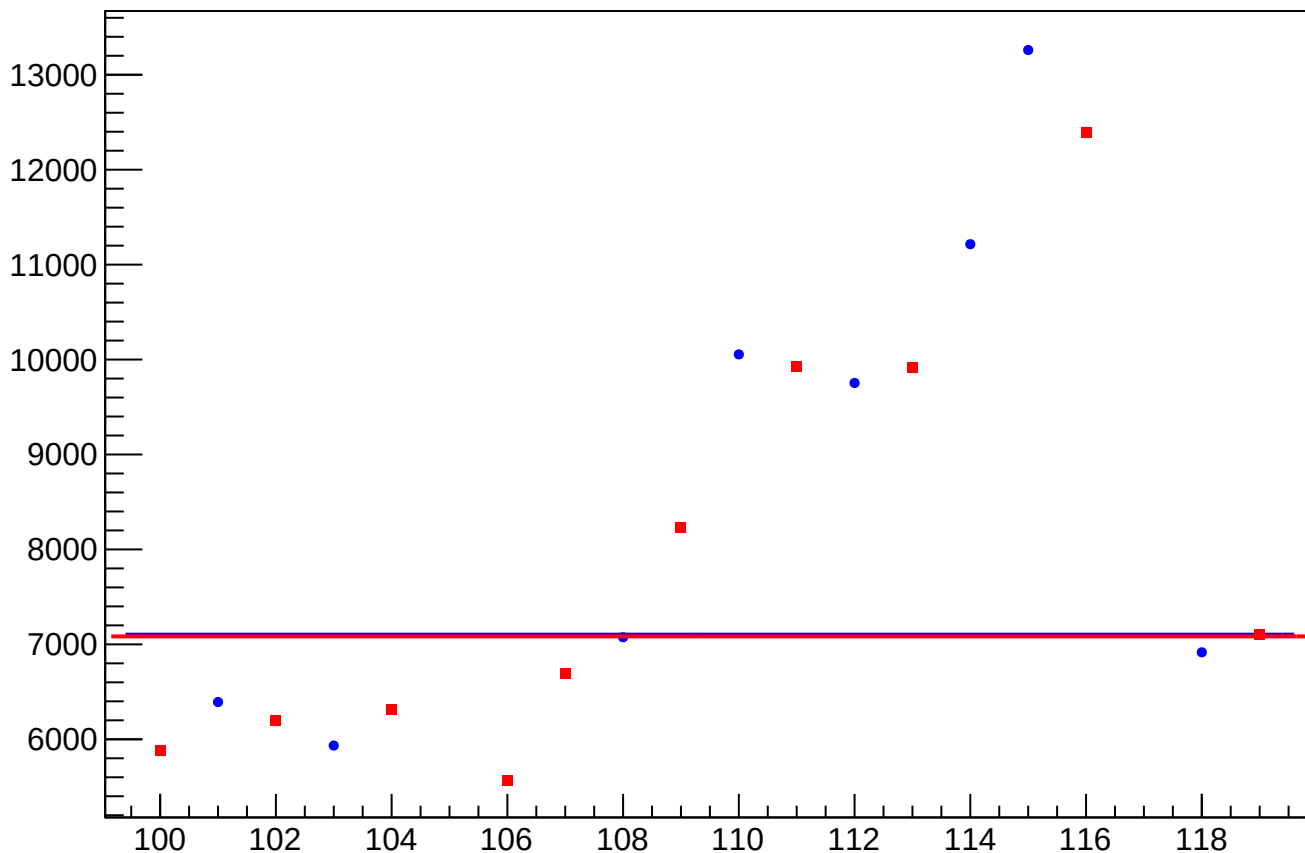
Right: -4.504+/-2.670 χ^2/NDF : 11.8/17

In: -4.489+/-3.990 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.504+/-2.670 χ^2/NDF : 11.8/17

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 7102.138+/-2.821 χ^2 /NDF: 294068.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7083.795+/-2.540 χ^2 /NDF: 359784.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

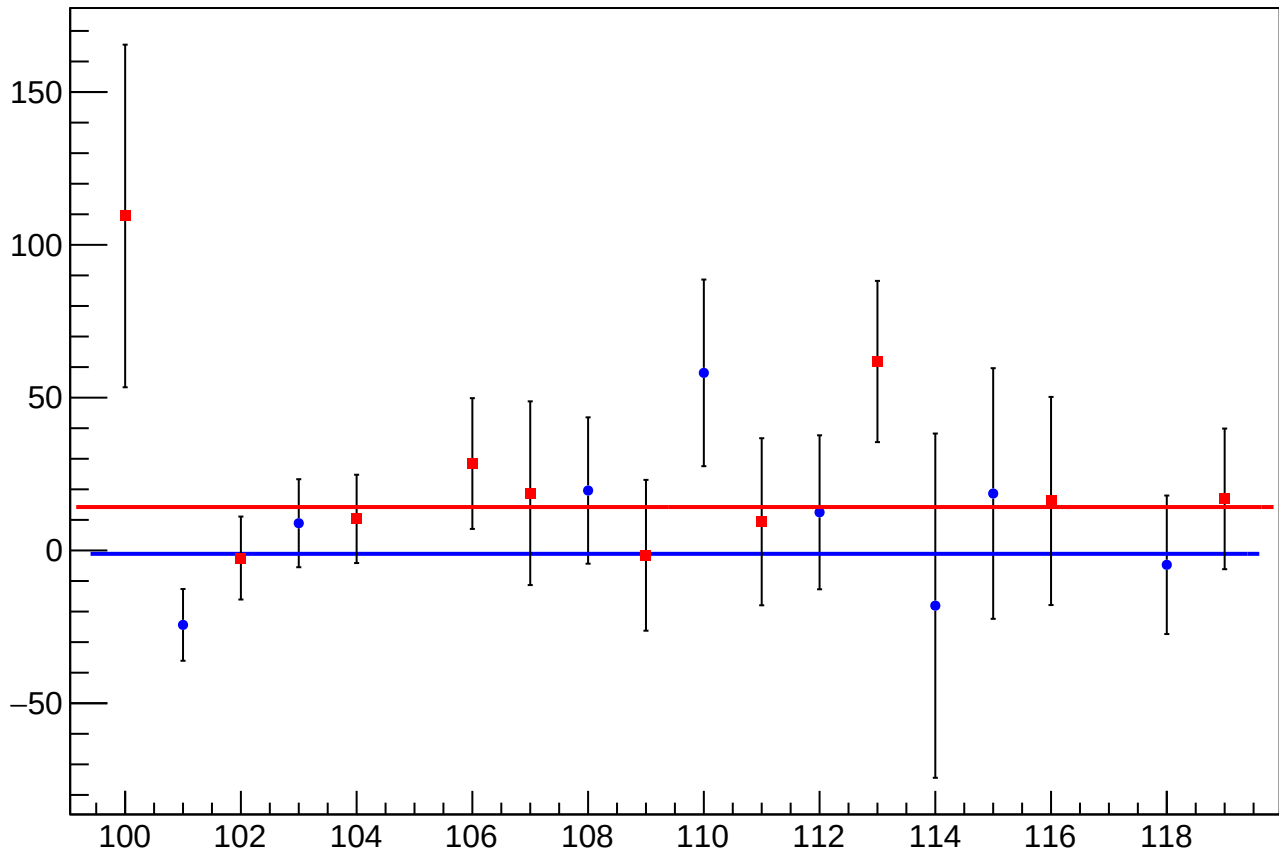
Right: 7092.007+/-1.888 χ^2 /NDF: 653876.4/17

In: 7102.138+/-2.821 χ^2 /NDF:294068.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7092.007+/-1.888 χ^2 /NDF: 653876.4/17

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -1.106+/-7.193 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.204+/-6.901 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

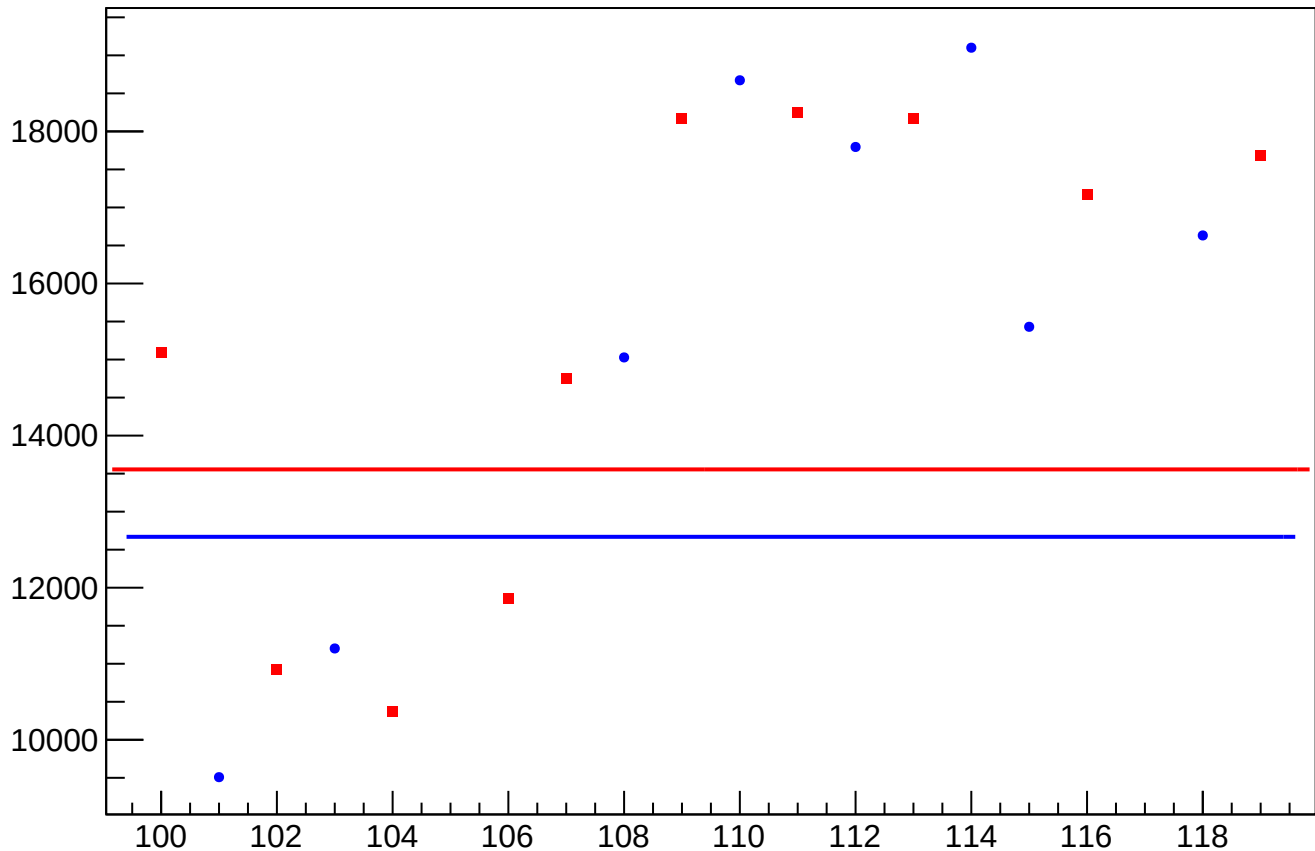
Right: 6.866+/-4.980 χ^2/NDF : 20.6/17

In: -1.106+/-7.193 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.866+/-4.980 χ^2/NDF : 20.6/17

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12669.066+/-5.086 χ^2/NDF : 441600.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13555.466+/-4.880 χ^2/NDF : 466074.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

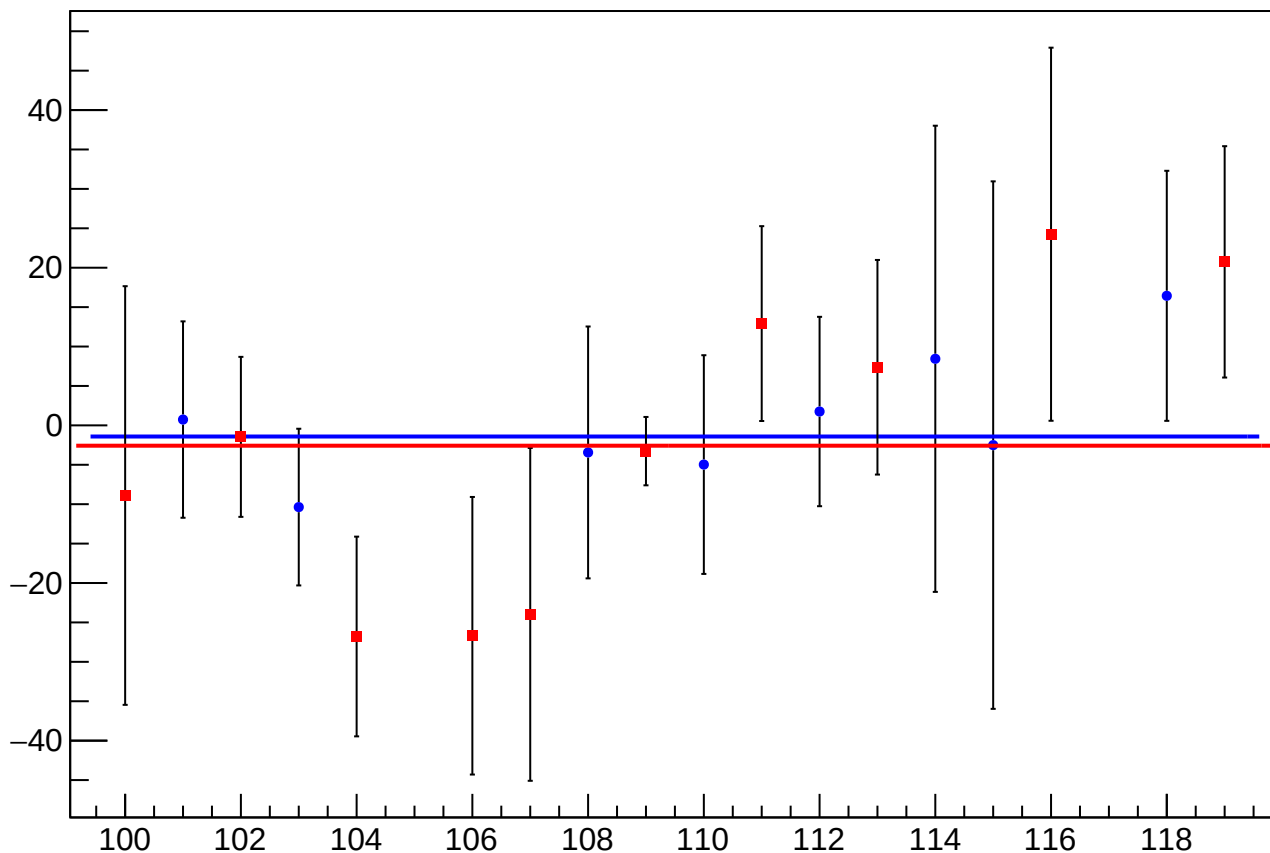
Right: 13130.616+/-3.521 χ^2/NDF : 923490.2/17

In: 12669.066+/-5.086 χ^2/NDF : 441600.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13130.616+/-3.521 χ^2/NDF : 923490.2/17

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: -1.414 ± 5.088 χ^2/NDF : 2.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.580 ± 3.255 χ^2/NDF : 12.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

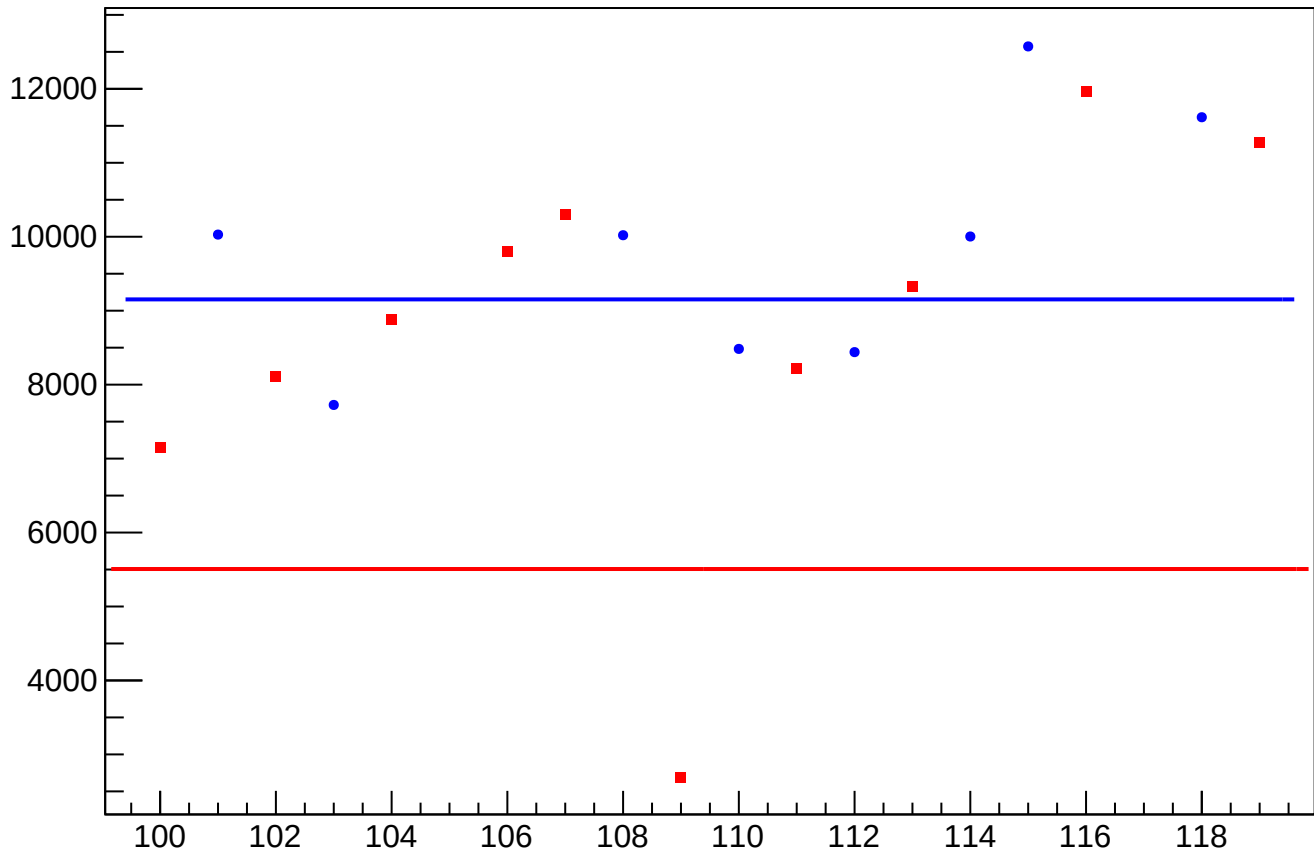
Right: -2.242 ± 2.742 χ^2/NDF : 15.0/17

In: -1.414 ± 5.088 χ^2/NDF : 2.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.242 ± 2.742 χ^2/NDF : 15.0/17

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 9152.806+/-3.598 χ^2/NDF : 139531.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5506.987+/-2.302 χ^2/NDF : 2062063.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

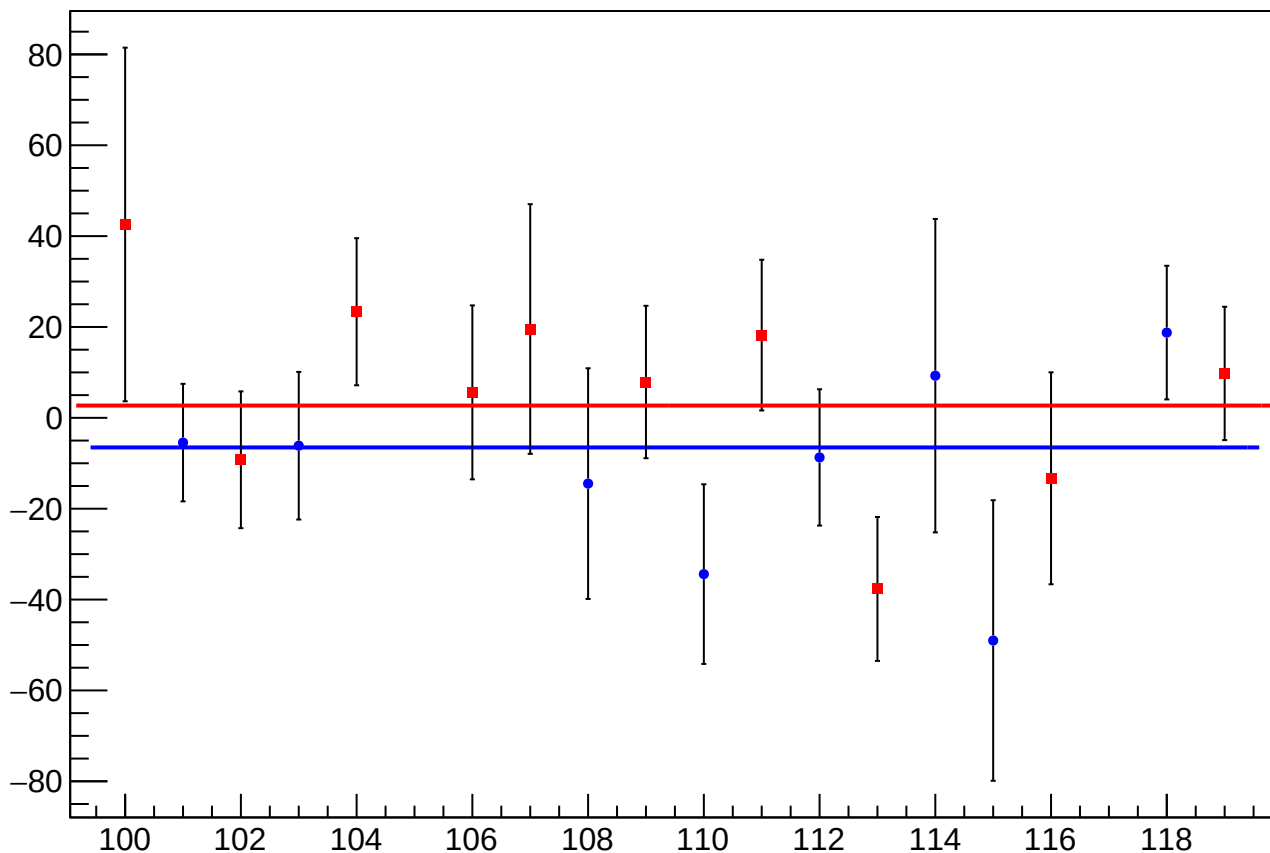
Right: 6565.751+/-1.939 χ^2/NDF : 2930141.7/17

In: 9152.806+/-3.598 χ^2/NDF : 139531.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6565.751+/-1.939 χ^2/NDF : 2930141.7/17

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -6.517+/-6.347 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.704+/-5.717 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

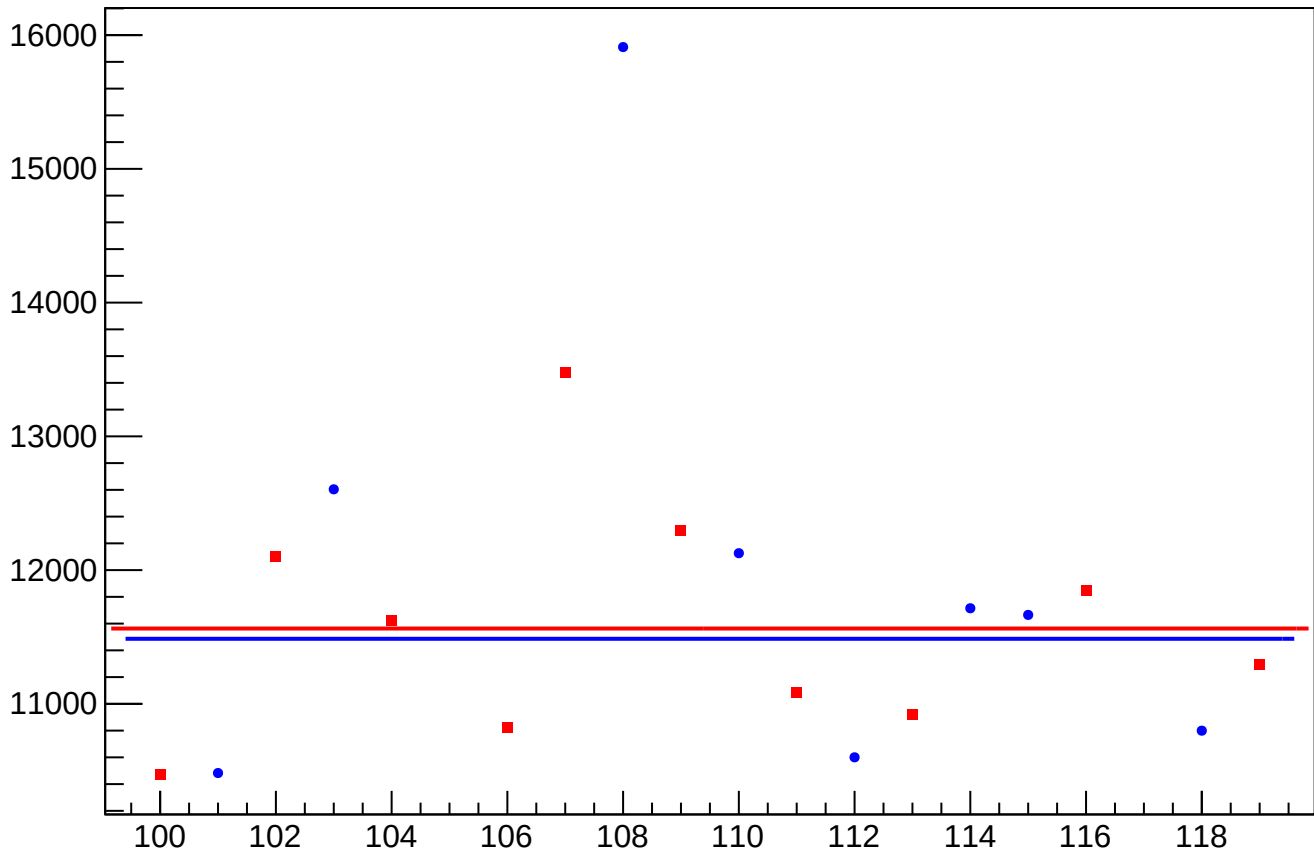
Right: -1.427+/-4.248 χ^2/NDF : 20.2/17

In: -6.517+/-6.347 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.427+/-4.248 χ^2/NDF : 20.2/17

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11486.563+/-4.488 χ^2/NDF : 95822.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11563.154+/-4.043 χ^2/NDF : 26577.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

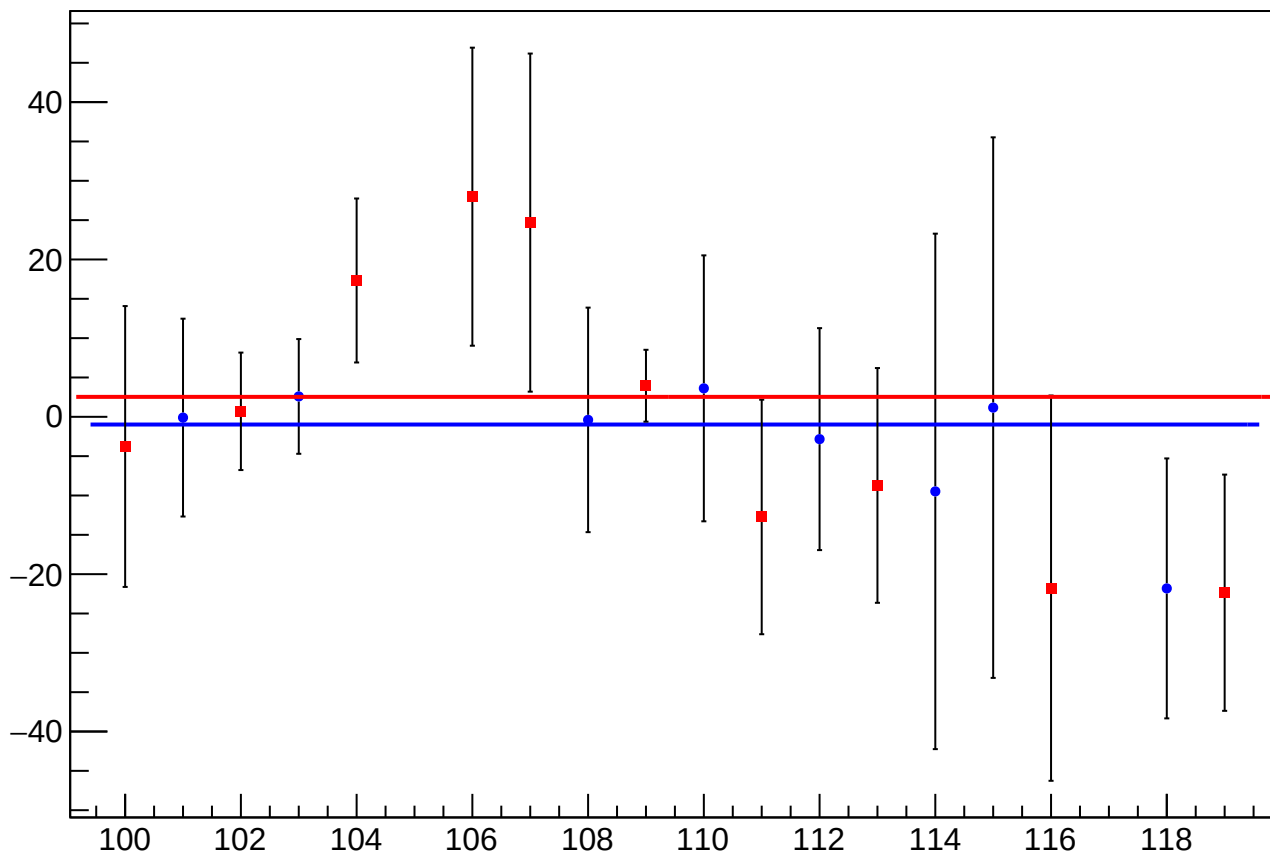
Right: 11528.842+/-3.004 χ^2/NDF : 122560.8/17

In: 11486.563+/-4.488 χ^2/NDF :95822.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11528.842+/-3.004 χ^2/NDF : 122560.8/17

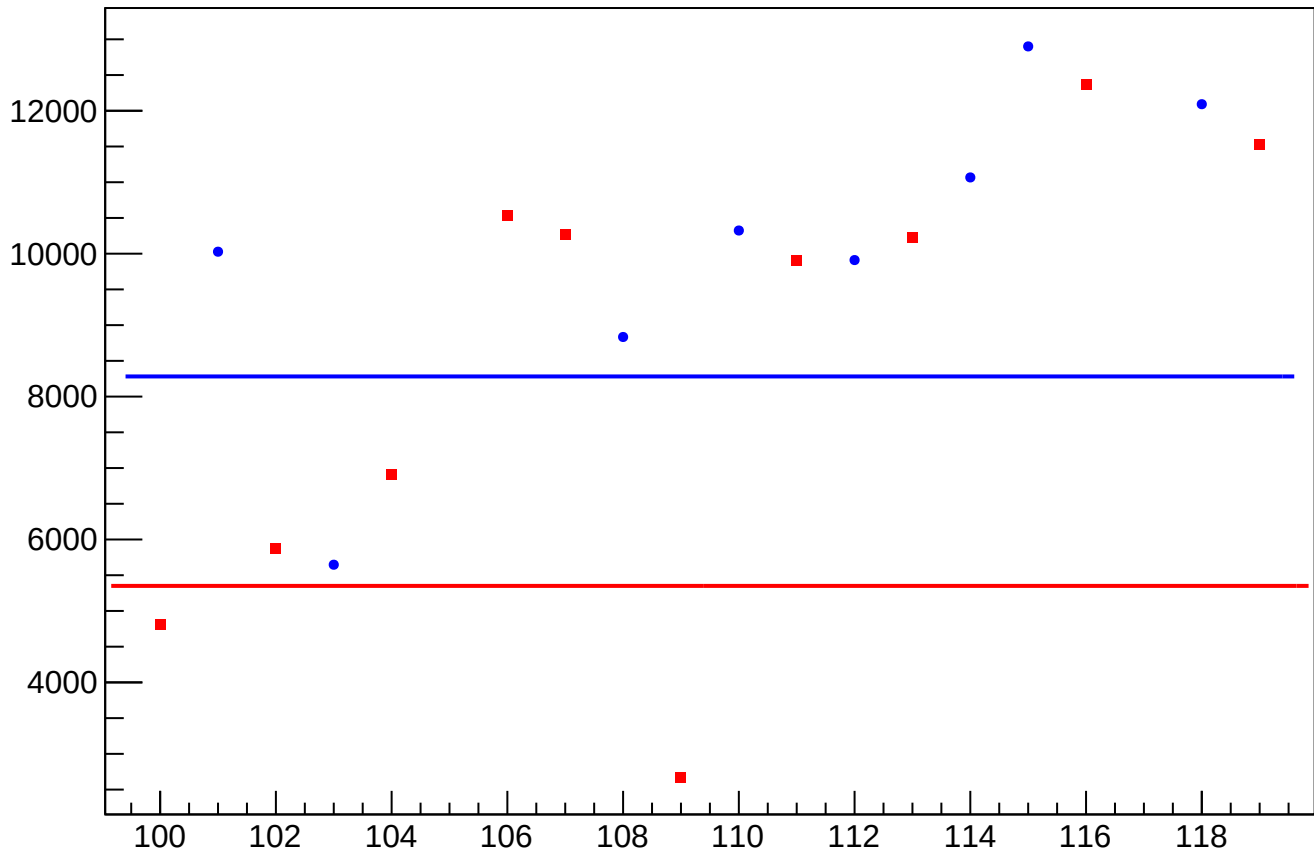
diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.979+/-4.767 χ^2/NDF : 2.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.535+/-3.190 χ^2/NDF : 10.5/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1.448+/-2.651 χ^2/NDF : 12.9/17
 In: -0.979+/-4.767 χ^2/NDF : 2.0/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1.448+/-2.651 χ^2/NDF : 12.9/17

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 8281.932+/-3.370 χ^2/NDF : 515558.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5350.599+/-2.255 χ^2/NDF : 1904573.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

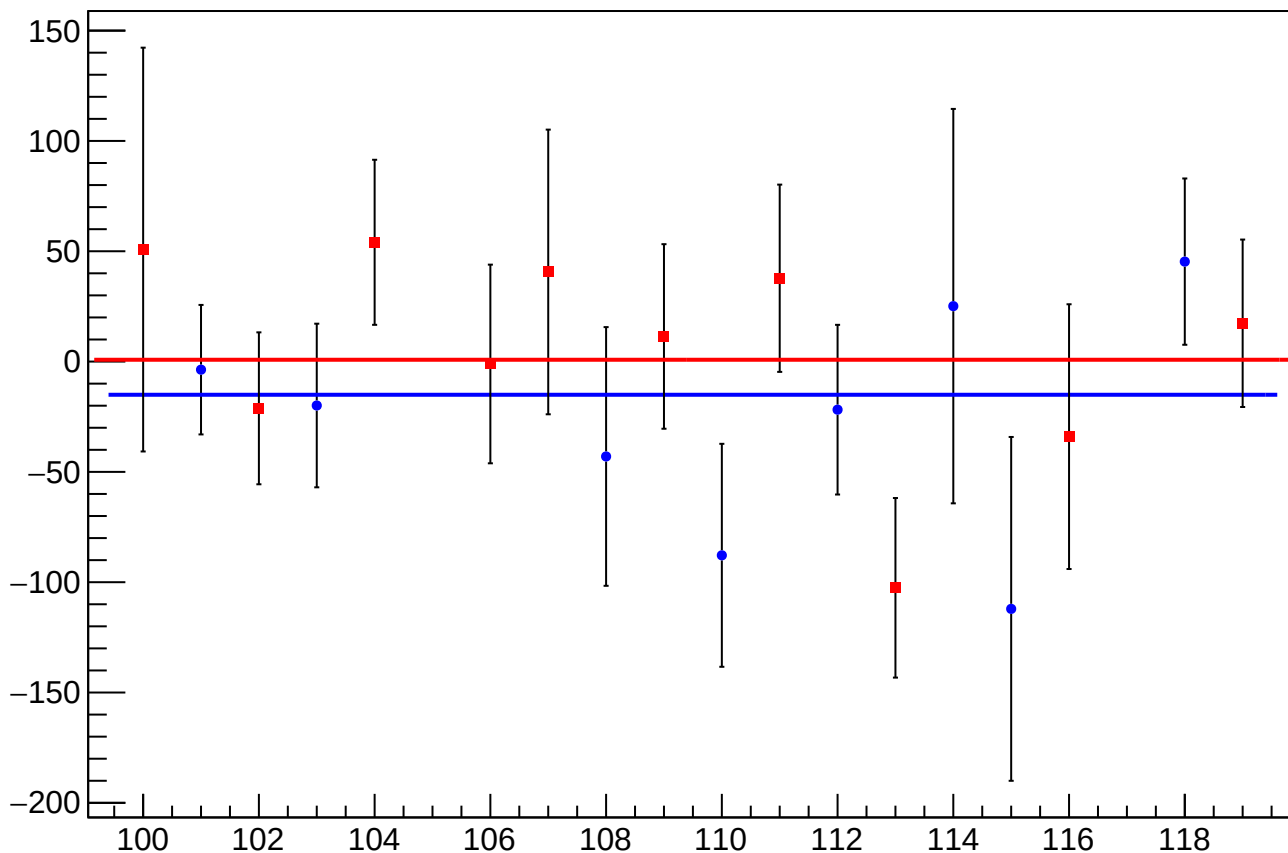
Right: 6257.241+/-1.874 χ^2/NDF : 2942587.2/17

In: 8281.932+/-3.370 χ^2/NDF : 515558.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6257.241+/-1.874 χ^2/NDF : 2942587.2/17

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -15.046 $\pm$ 15.355 χ^2/NDF : 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.822 $\pm$ 13.983 χ^2/NDF : 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

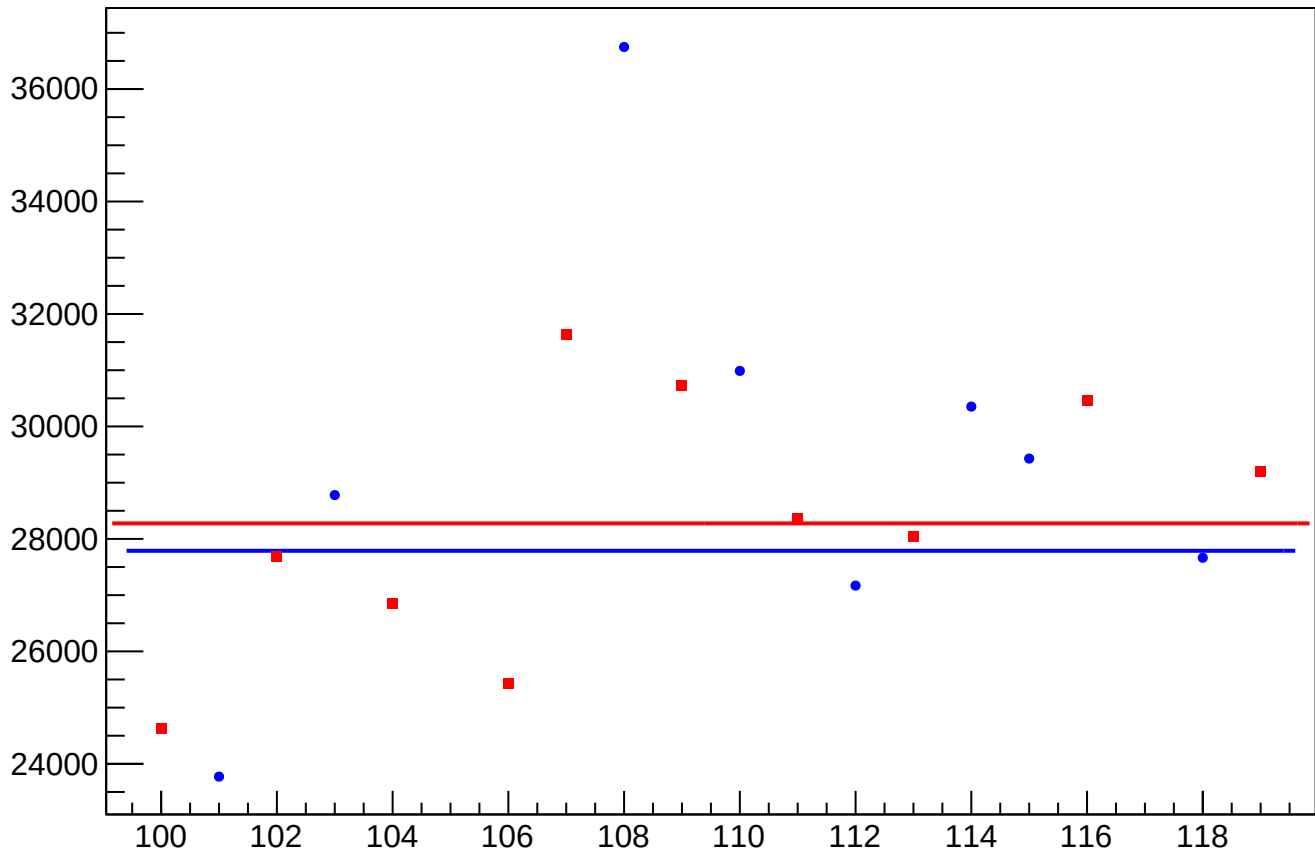
Right: -6.372 $\pm$ 10.339 χ^2/NDF : 18.3/17

In: -15.046 $\pm$ 15.355 χ^2/NDF : 6.8/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -6.372 $\pm$ 10.339 χ^2/NDF : 18.3/17

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28275.825+/-9.887 χ^2/NDF : 30871.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

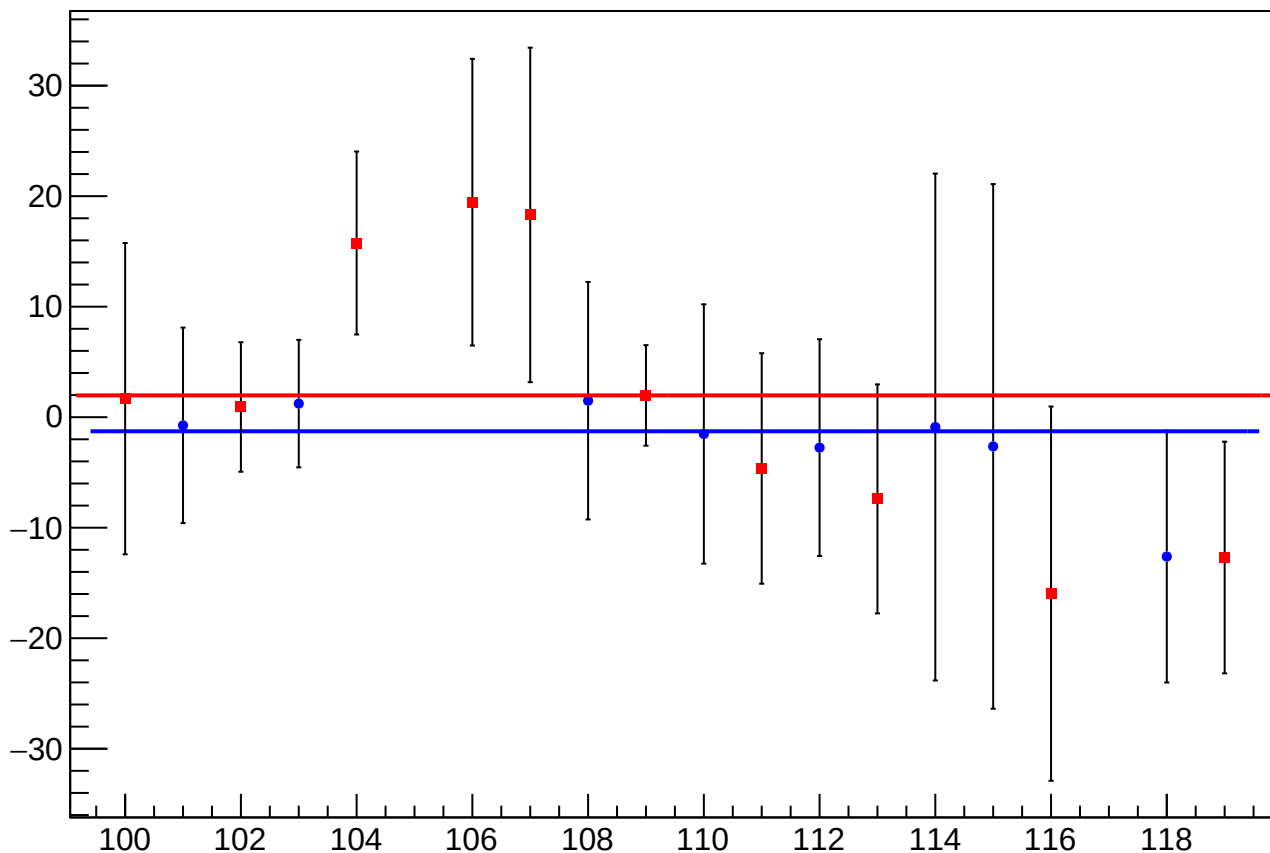
Right: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

In: 27788.972+/-10.858 χ^2/NDF : 96675.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28055.116+/-7.310 χ^2/NDF : 128645.5/17

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -1.275+/-3.524 χ^2/NDF : 1.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.974+/-2.688 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

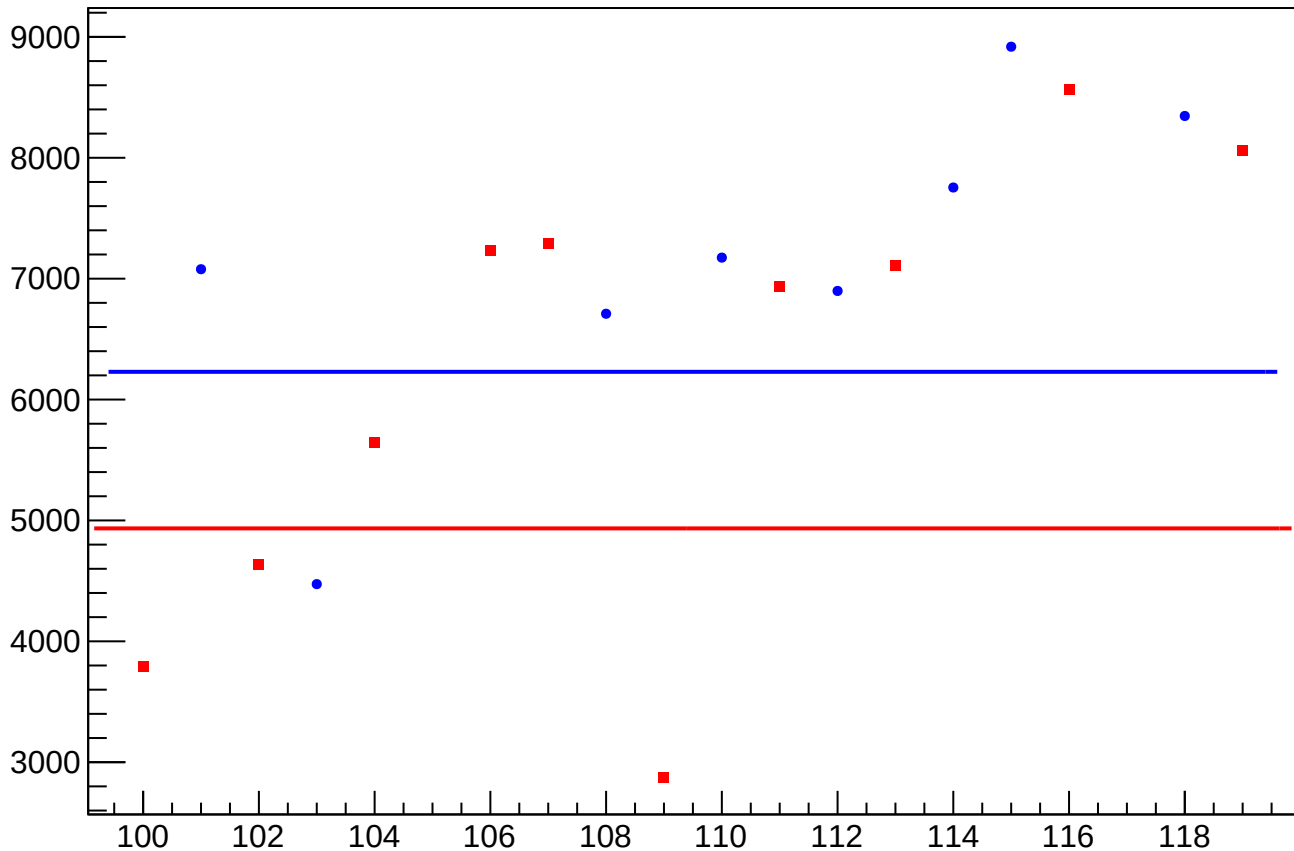
Right: 0.779+/-2.137 χ^2/NDF : 11.9/17

In: -1.275+/-3.524 χ^2/NDF :1.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.779+/-2.137 χ^2/NDF : 11.9/17

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 6229.457+/-2.492 χ^2/NDF : 333611.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4934.207+/-1.900 χ^2/NDF : 985649.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

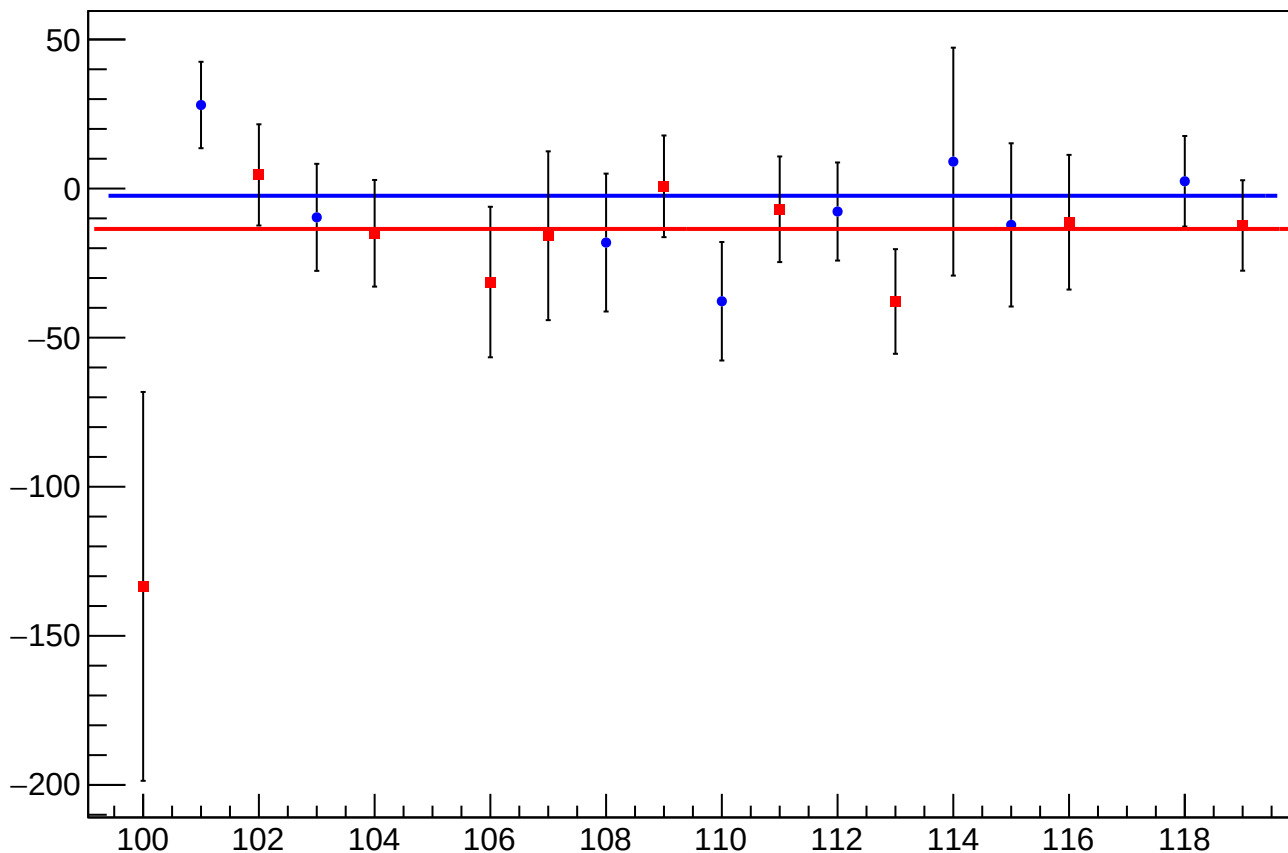
Right: 5410.571+/-1.511 χ^2/NDF : 1490103.6/17

In: 6229.457+/-2.492 χ^2/NDF : 333611.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5410.571+/-1.511 χ^2/NDF : 1490103.6/17

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: -2.418+/-6.692 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.542+/-6.221 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

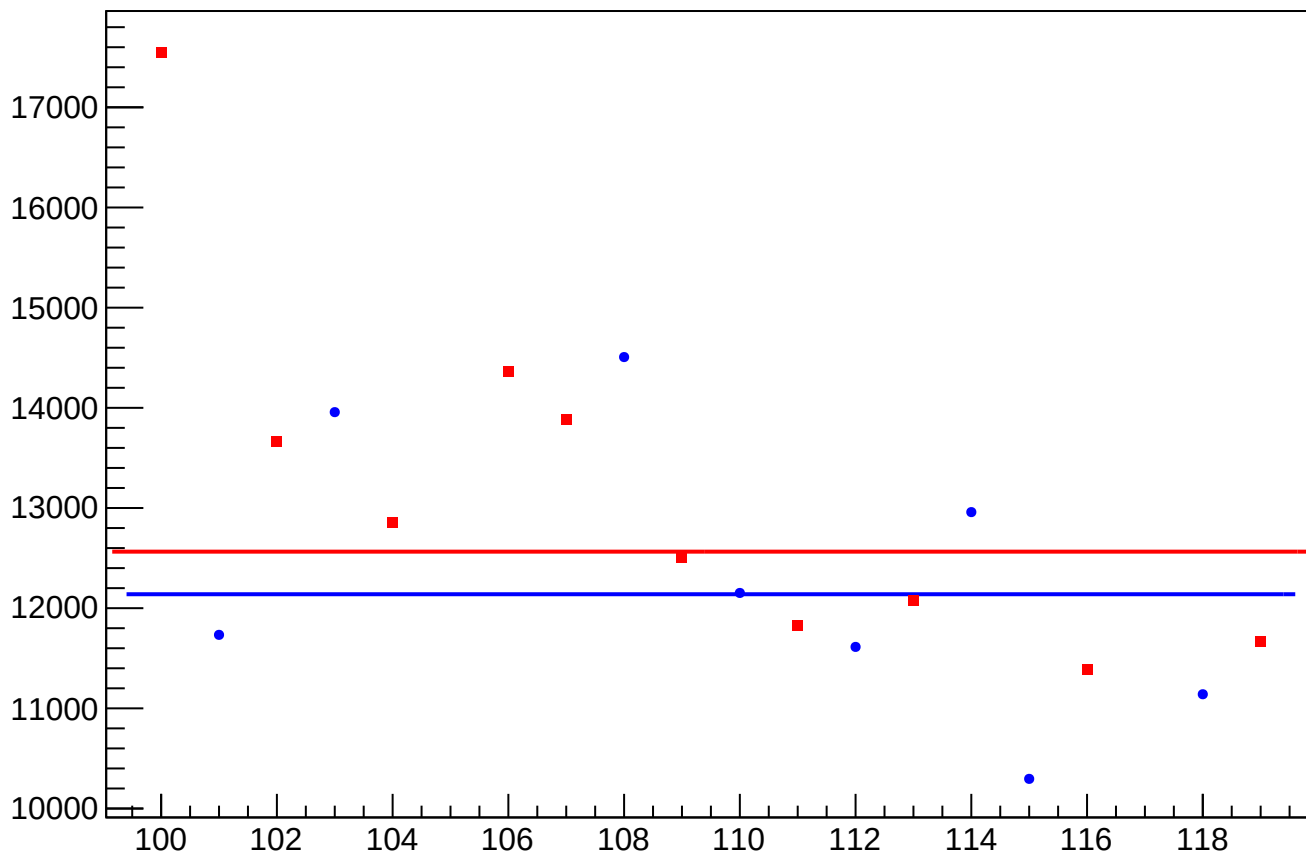
Right: -8.385+/-4.557 χ^2/NDF : 17.9/17

In: -2.418+/-6.692 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.385+/-4.557 χ^2/NDF : 17.9/17

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 12139.226+/-4.732 χ^2/NDF : 63737.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12564.353+/-4.399 χ^2/NDF : 52577.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

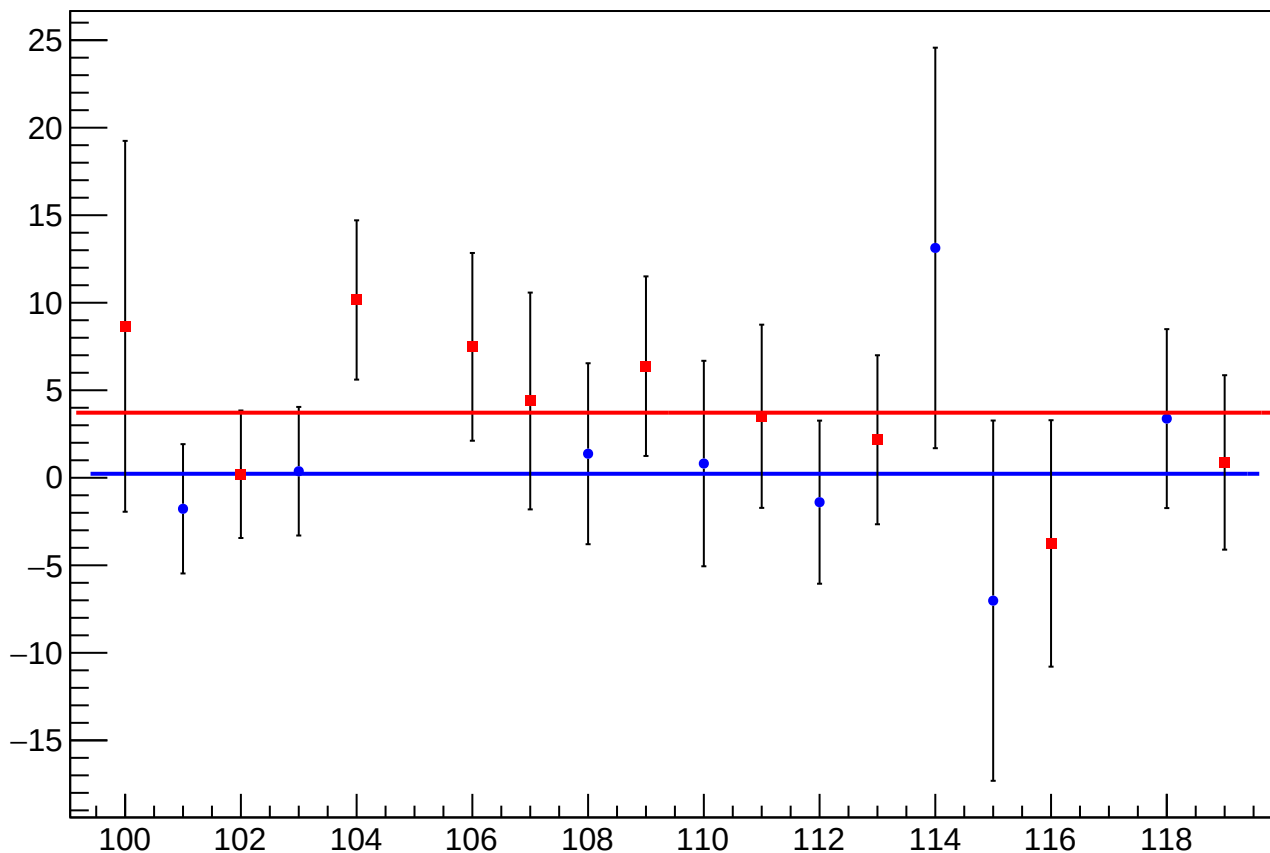
Right: 12367.276+/-3.222 χ^2/NDF : 120643.7/17

In: 12139.226+/-4.732 χ^2/NDF : 63737.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12367.276+/-3.222 χ^2/NDF : 120643.7/17

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 0.229 $\pm$ 1.781 χ^2 /NDF: 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.719 $\pm$ 1.641 χ^2 /NDF: 5.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

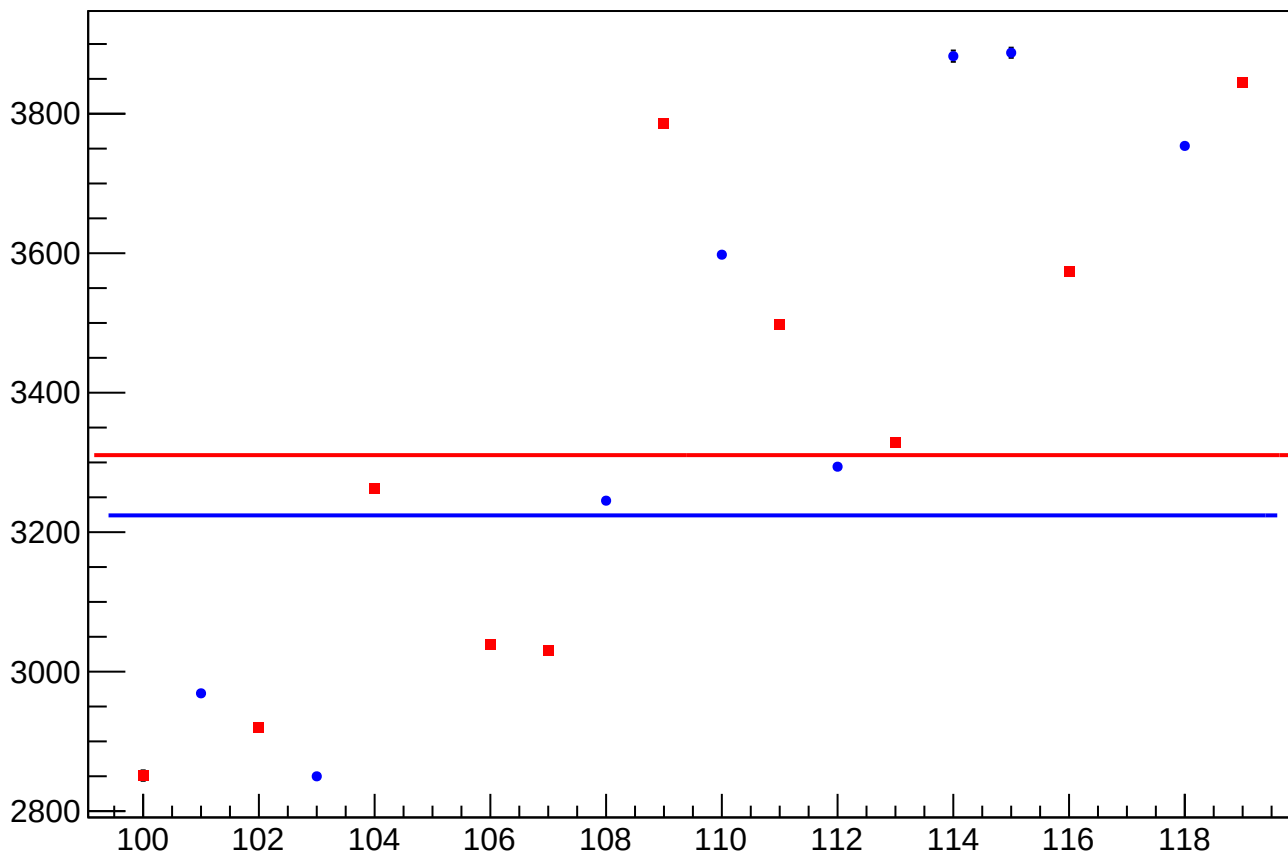
Right: 2.116 $\pm$ 1.207 χ^2 /NDF: 10.2/17

In: 0.229 $\pm$ 1.781 χ^2 /NDF:2.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.116 $\pm$ 1.207 χ^2 /NDF: 10.2/17

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3224.071+/-1.259 χ^2/NDF : 75315.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3310.471+/-1.160 χ^2/NDF : 81643.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

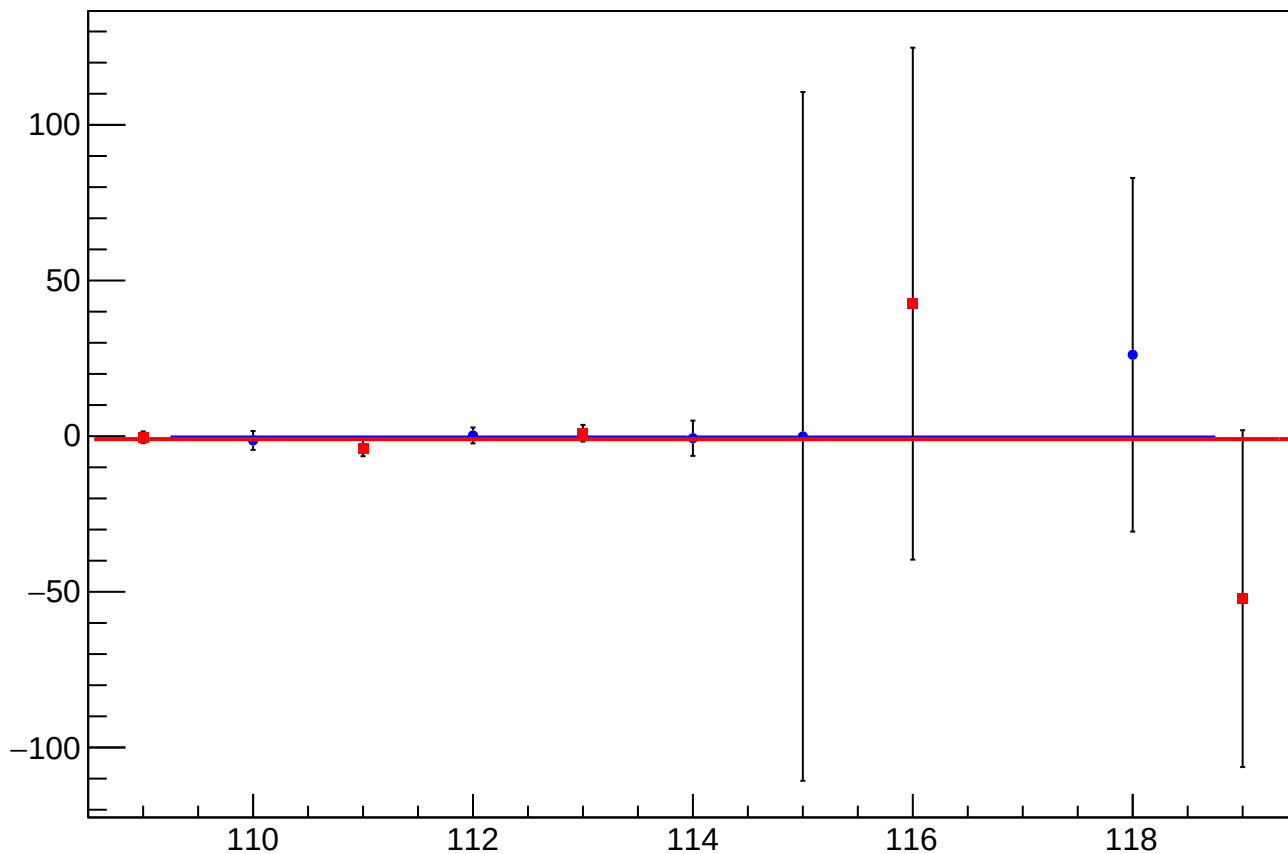
Right: 3270.797+/-0.853 χ^2/NDF : 159504.5/17

In: 3224.071+/-1.259 χ^2/NDF : 75315.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3270.797+/-0.853 χ^2/NDF : 159504.5/17

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -0.428+/-1.843 χ^2 /NDF: 0.4/4

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.933+/-1.324 χ^2 /NDF: 3.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

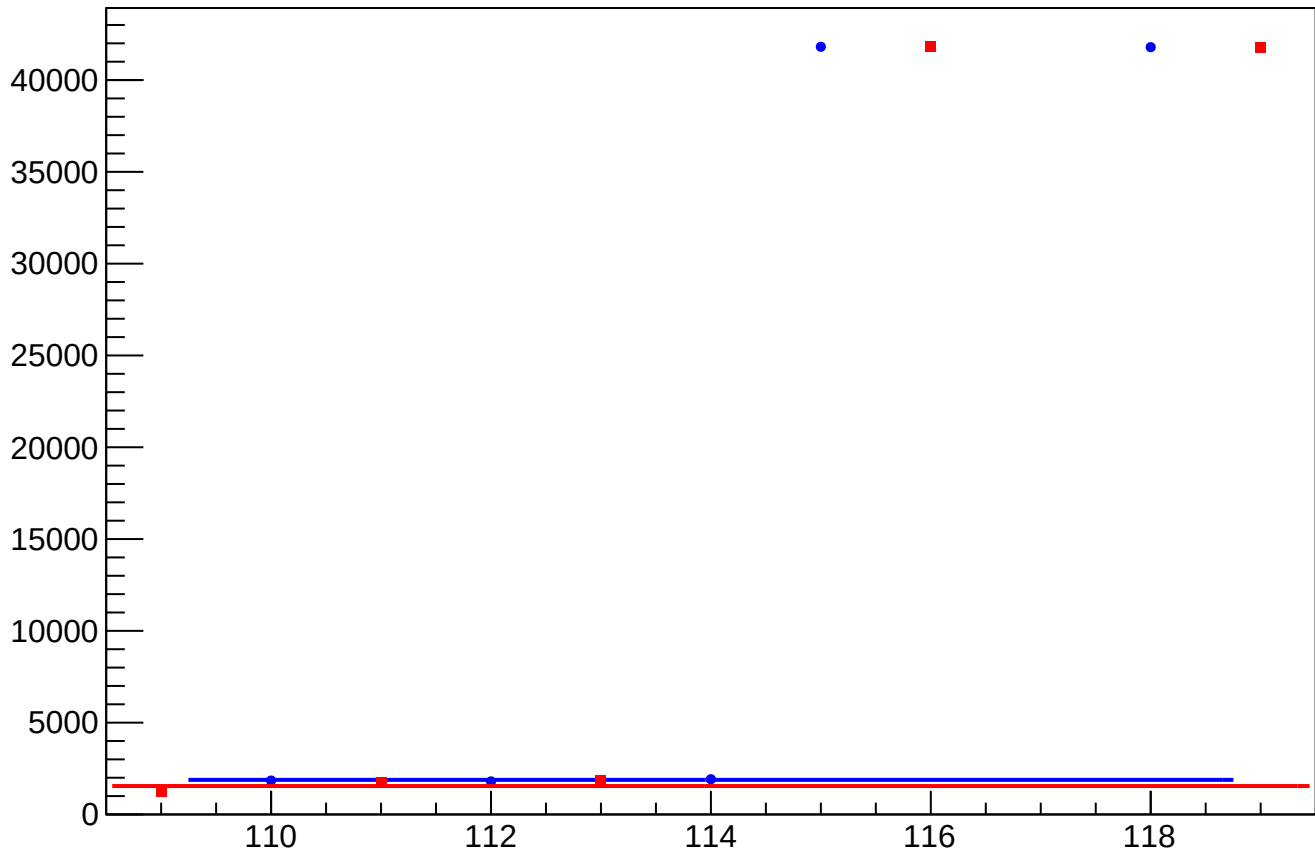
Right: -0.761+/-1.075 χ^2 /NDF: 3.4/9

In: -0.428+/-1.843 χ^2 /NDF:0.4/4

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.761+/-1.075 χ^2 /NDF: 3.4/9

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1884.024+/-1.303 χ^2/NDF : 1249979.6/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.454+/-0.936 χ^2/NDF : 1678797.1/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

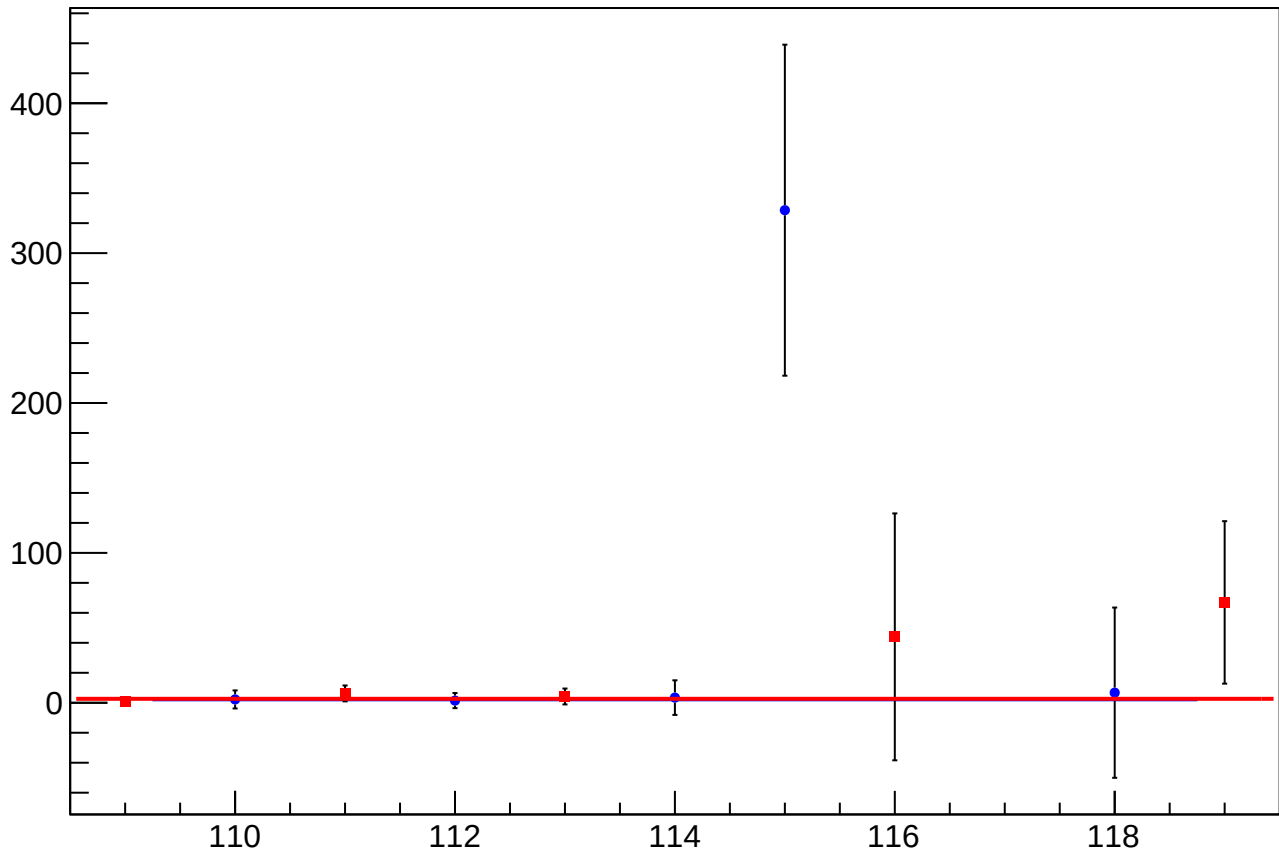
Right: 1662.012+/-0.760 χ^2/NDF : 2972758.0/9

In: 1884.024+/-1.303 χ^2/NDF : 1249979.6/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.012+/-0.760 χ^2/NDF : 2972758.0/9

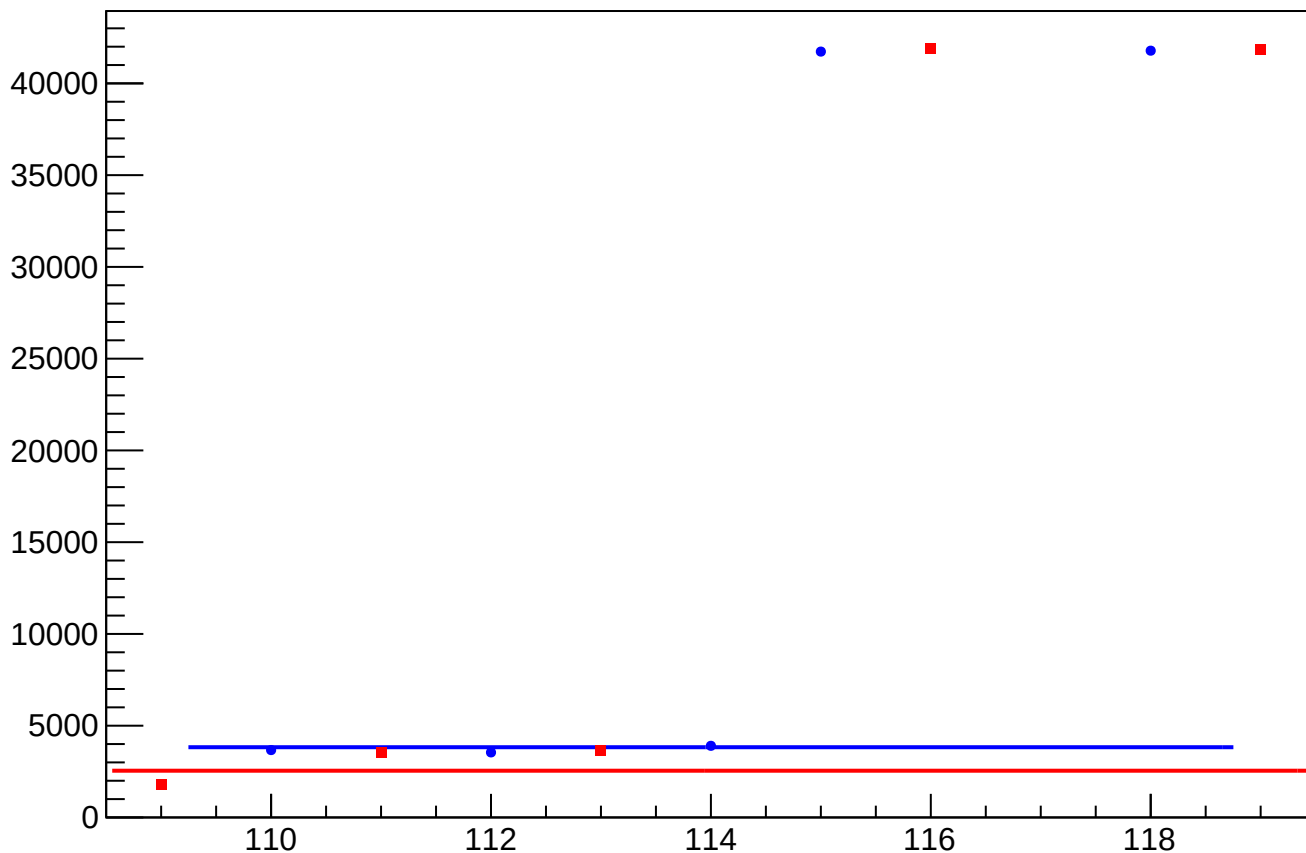
diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 2.320+/-3.653 χ^2/NDF : 8.8/4
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 2.641+/-2.275 χ^2/NDF : 2.6/4
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 2.551+/-1.931 χ^2/NDF : 11.4/9
 In: 2.320+/-3.653 χ^2/NDF : 8.8/4
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 2.551+/-1.931 χ^2/NDF : 11.4/9

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 3827.381+/-2.583 χ^2/NDF : 1136576.5/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2547.289+/-1.609 χ^2/NDF : 1803182.4/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

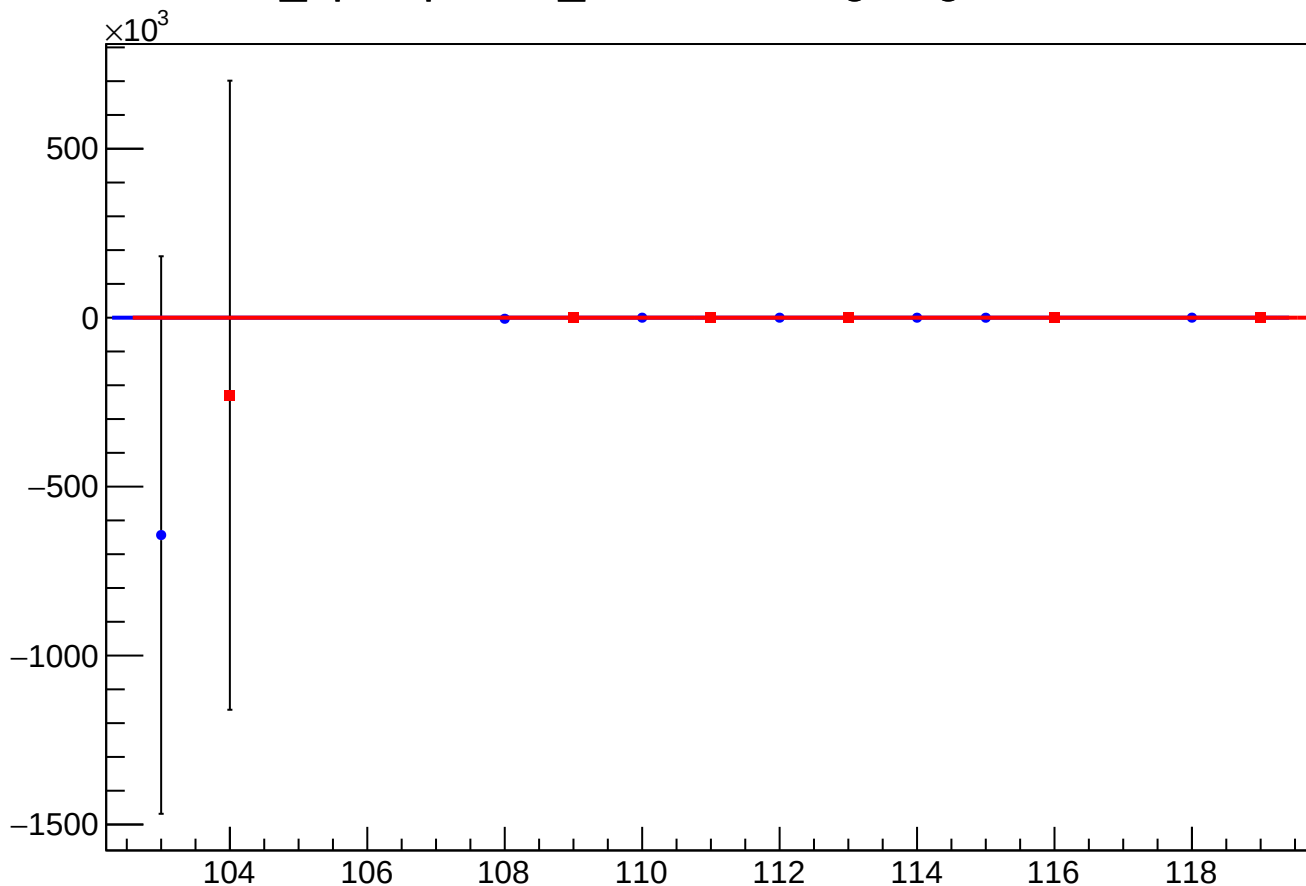
Right: 2905.091+/-1.366 χ^2/NDF : 3116684.3/9

In: 3827.381+/-2.583 χ^2/NDF : 1136576.5/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2905.091+/-1.366 χ^2/NDF : 3116684.3/9

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: 4.914 $\pm$ 2.963 χ^2 /NDF: 7.4/6

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.580 $\pm$ 2.473 χ^2 /NDF: 7.7/5

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

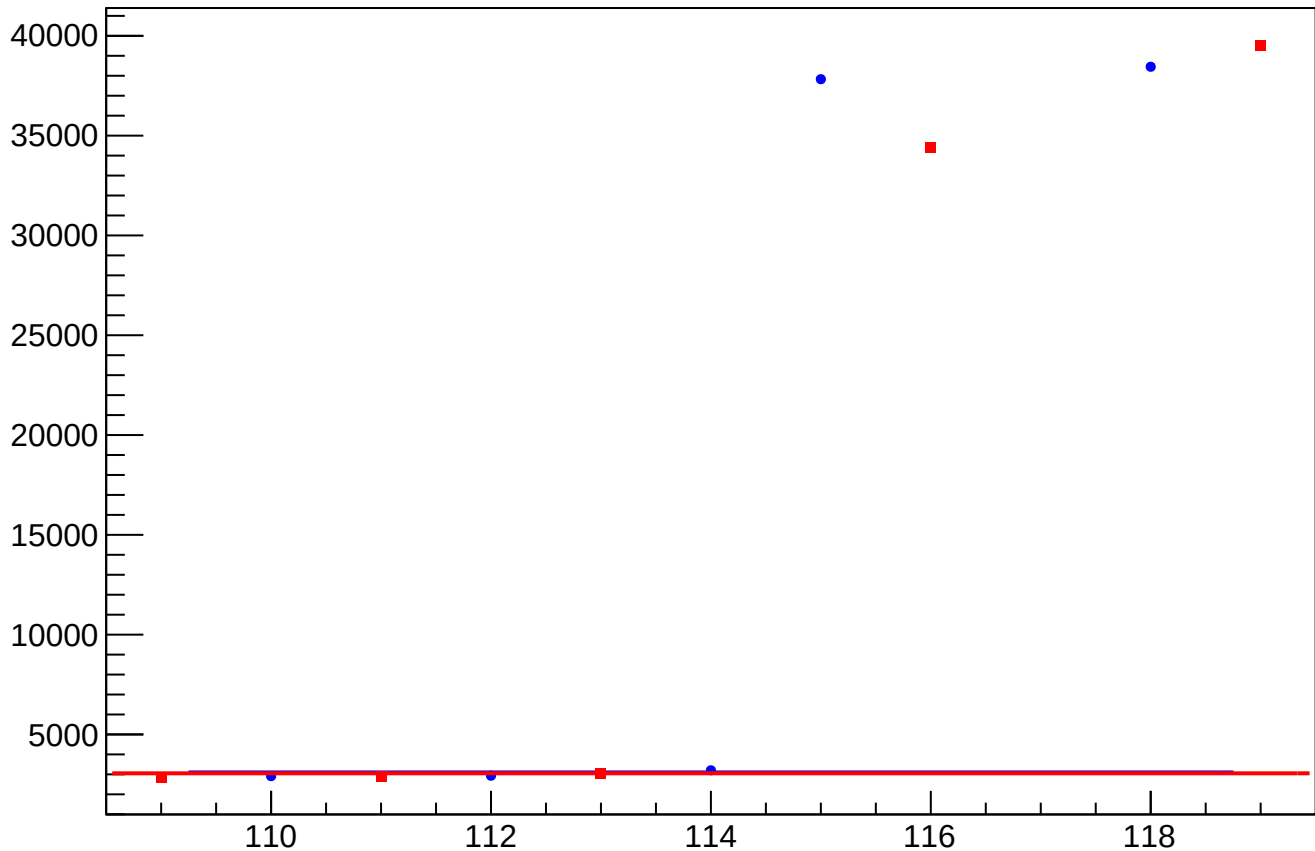
Right: 4.127 $\pm$ 1.899 χ^2 /NDF: 15.3/12

In: 4.914 $\pm$ 2.963 χ^2 /NDF: 7.4/6

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.127 $\pm$ 1.899 χ^2 /NDF: 15.3/12

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 3095.493+/-2.095 χ^2/NDF : 1156312.9/4

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3053.098+/-1.749 χ^2/NDF : 1451954.0/4

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

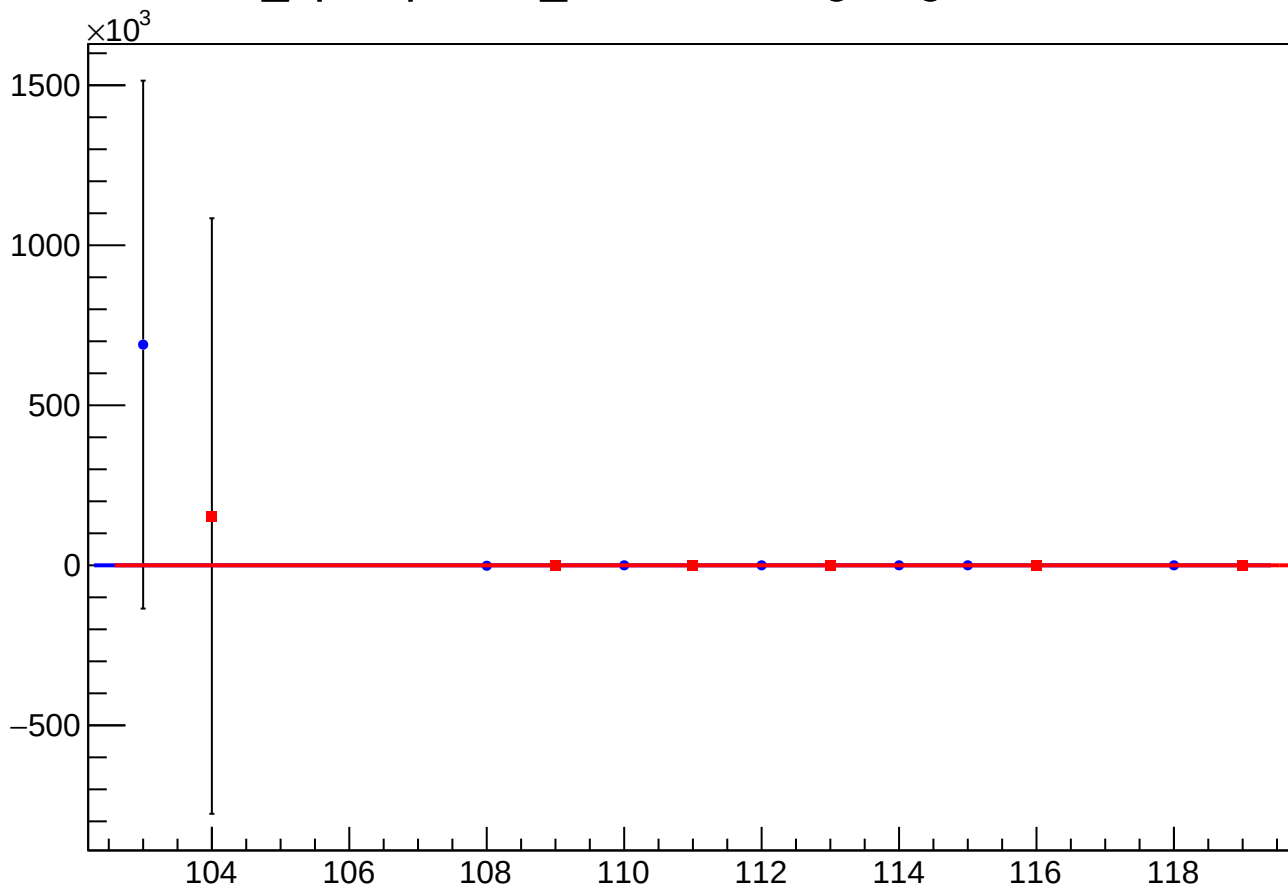
Right: 3070.507+/-1.343 χ^2/NDF : 2608508.1/9

In: 3095.493+/-2.095 χ^2/NDF : 1156312.9/4

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3070.507+/-1.343 χ^2/NDF : 2608508.1/9

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 0.212 $\pm$ 3.148 χ^2 /NDF: 1.4/6

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 2.443 $\pm$ -1.932 χ^2 /NDF: 1.8/5

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

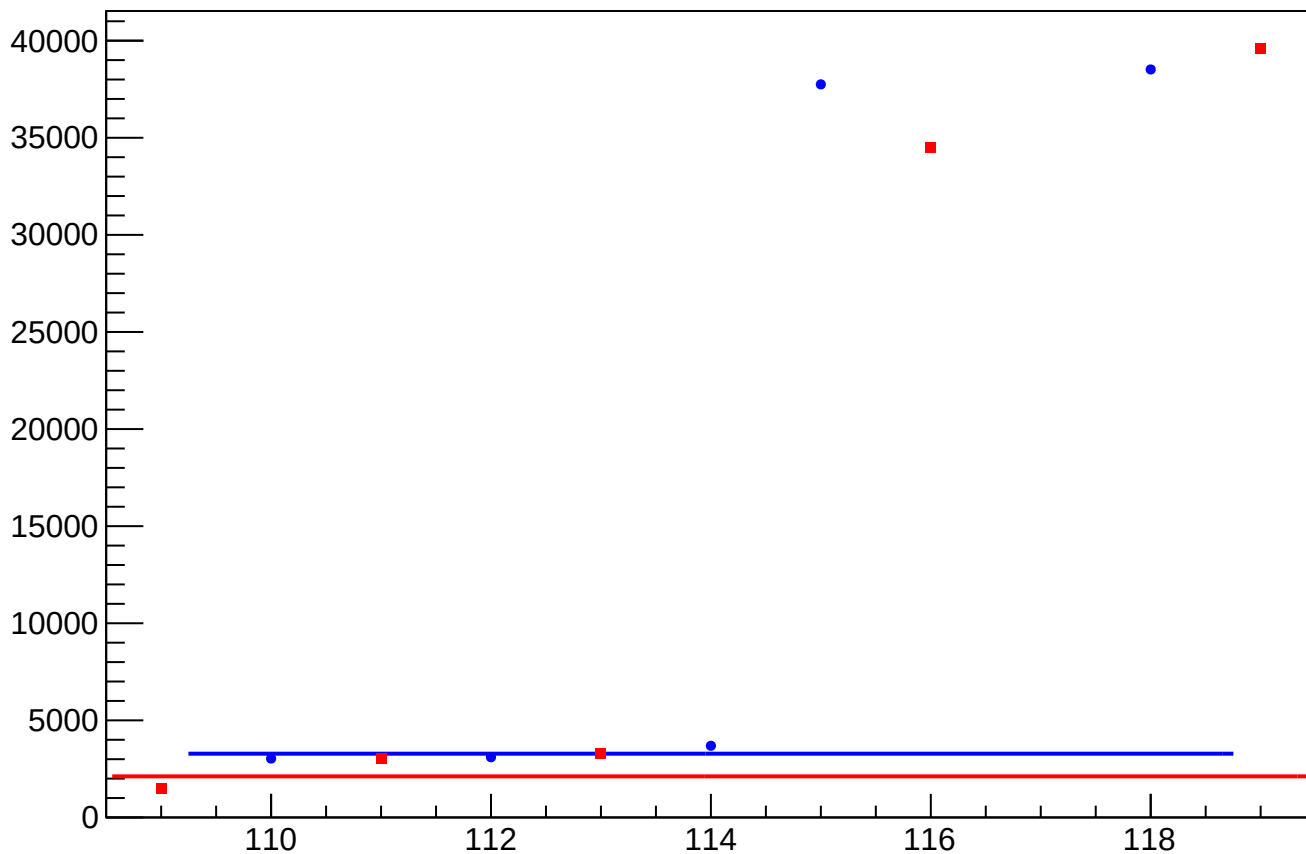
Right: 1.832 $\pm$ -1.647 χ^2 /NDF: 3.6/12

In: 0.212 $\pm$ -3.148 χ^2 /NDF:1.4/6

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 1.832 $\pm$ -1.647 χ^2 /NDF: 3.6/12

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 3283.536 $\pm$ 2.226 χ^2 /NDF: 1149181.8/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2116.755 $\pm$ 1.366 χ^2 /NDF: 1872285.7/4

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

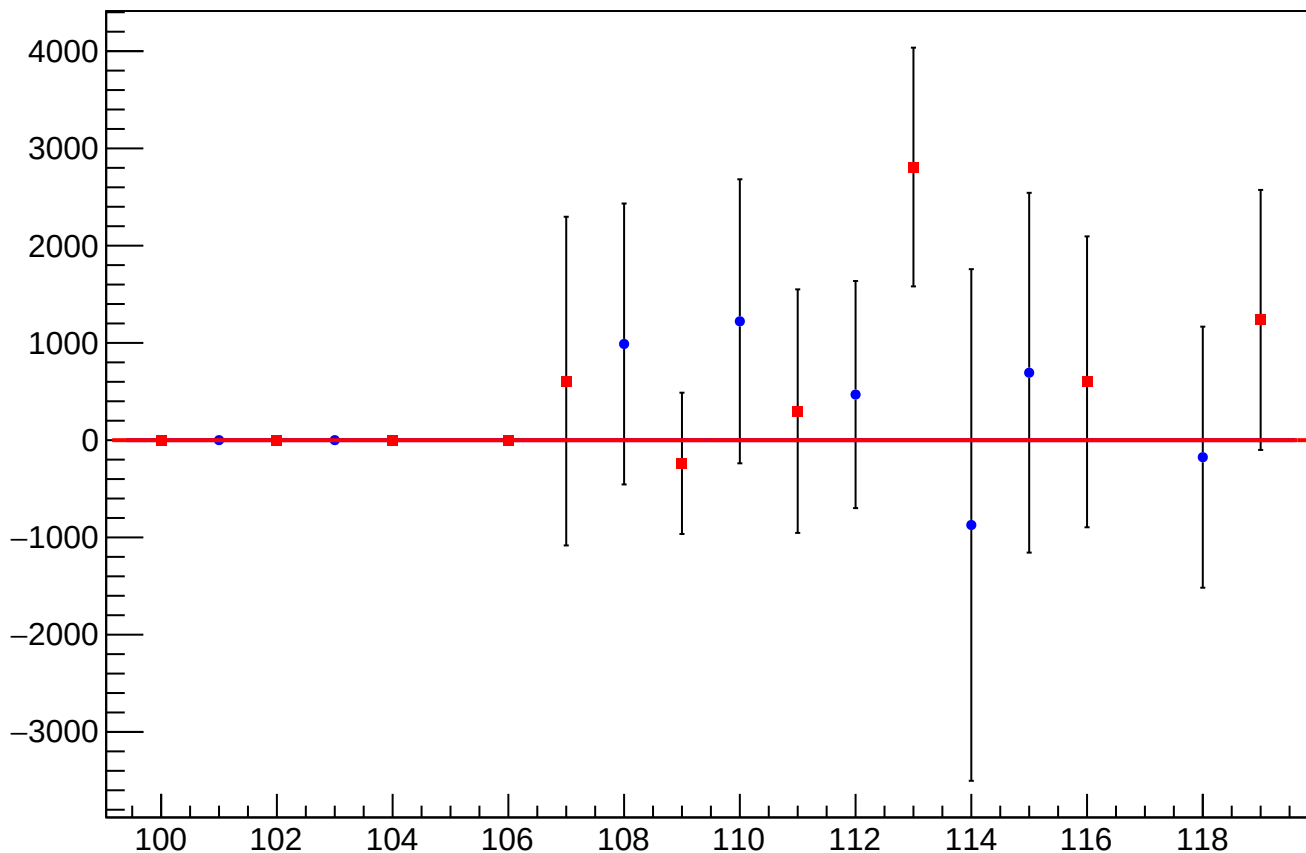
Right: 2435.981 $\pm$ 1.164 χ^2 /NDF: 3221021.9/9

In: 3283.536 $\pm$ 2.226 χ^2 /NDF: 1149181.8/4

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2435.981 $\pm$ 1.164 χ^2 /NDF: 3221021.9/9

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.256+/-0.356 χ^2/NDF : 1.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

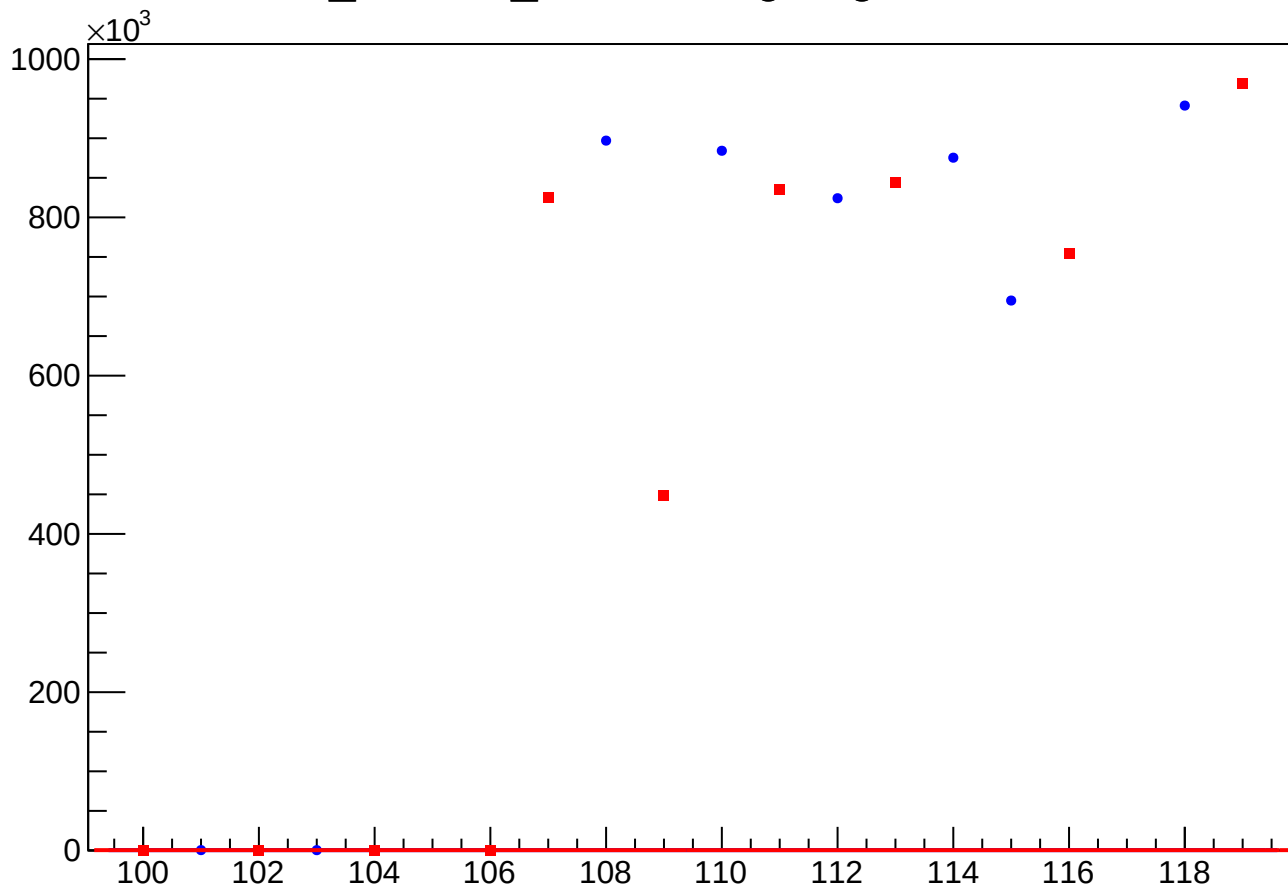
Right: 0.066+/-0.241 χ^2/NDF : 12.2/17

In: 0.256+/-0.356 χ^2/NDF : 1.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.066+/-0.241 χ^2/NDF : 12.2/17

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.435 $\pm$ 0.251 χ^2/NDF : 3519429.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.970 $\pm$ 0.232 χ^2/NDF : 3928466.4/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

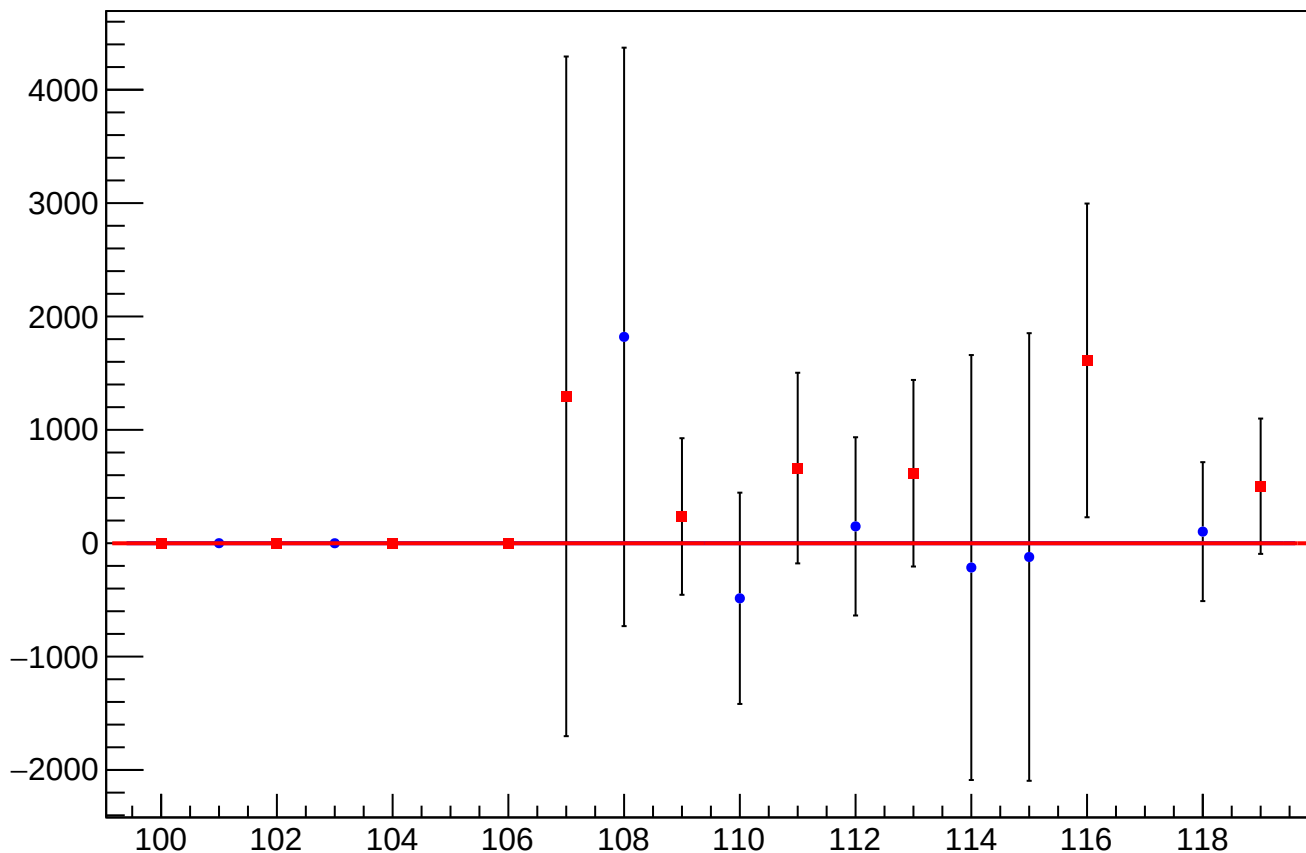
Right: 395.480 $\pm$ 0.170 χ^2/NDF : 7448151.3/17

In: 398.435 $\pm$ 0.251 χ^2/NDF : 3519429.6/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.480 $\pm$ 0.170 χ^2/NDF : 7448151.3/17

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.347 χ^2/NDF : 1.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.598+/-0.324 χ^2/NDF : 3.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

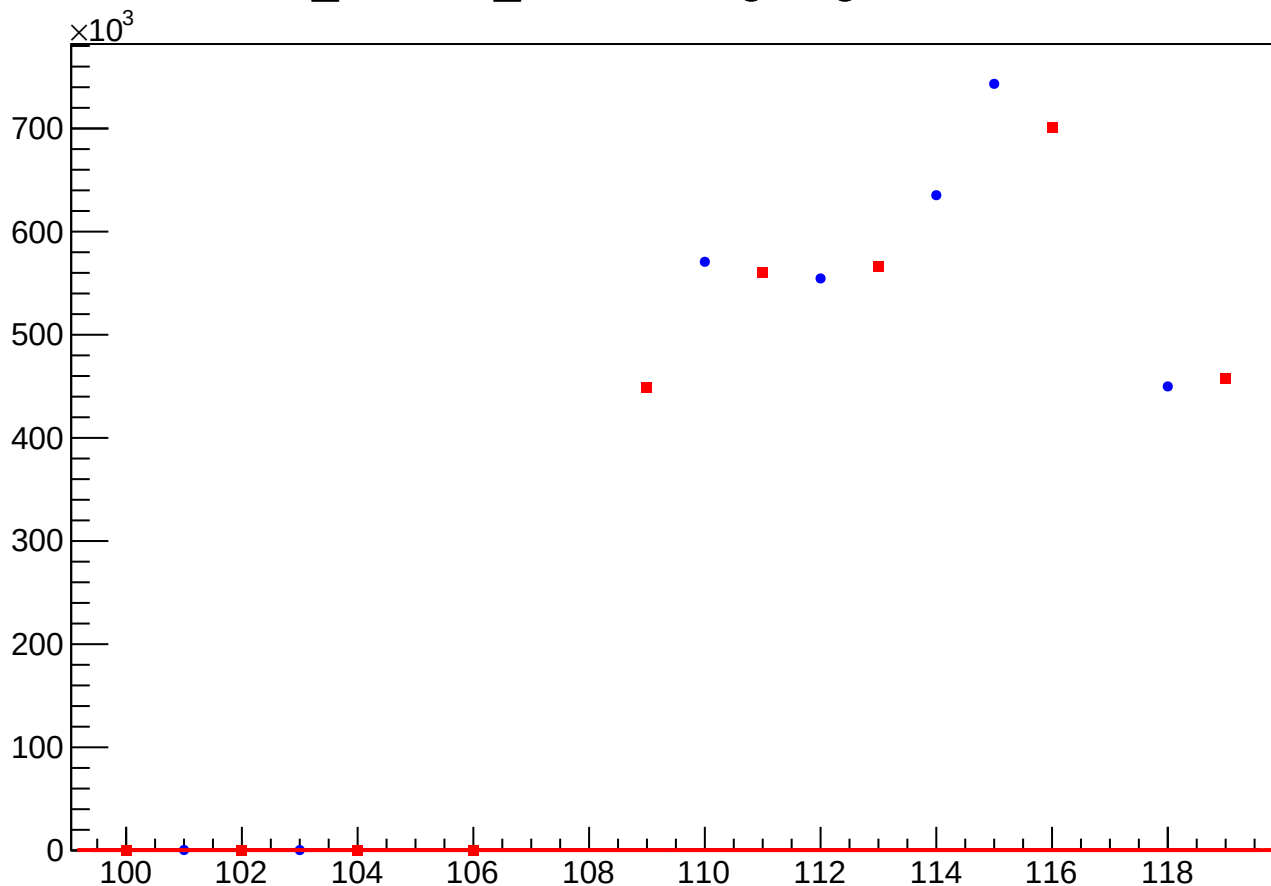
Right: -0.329+/-0.237 χ^2/NDF : 6.7/17

In: -0.020+/-0.347 χ^2/NDF :1.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.329+/-0.237 χ^2/NDF : 6.7/17

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 389.042 $\pm$ 0.245 χ^2/NDF : 3345120.5/6

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.017 $\pm$ 0.229 χ^2/NDF : 4359293.9/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

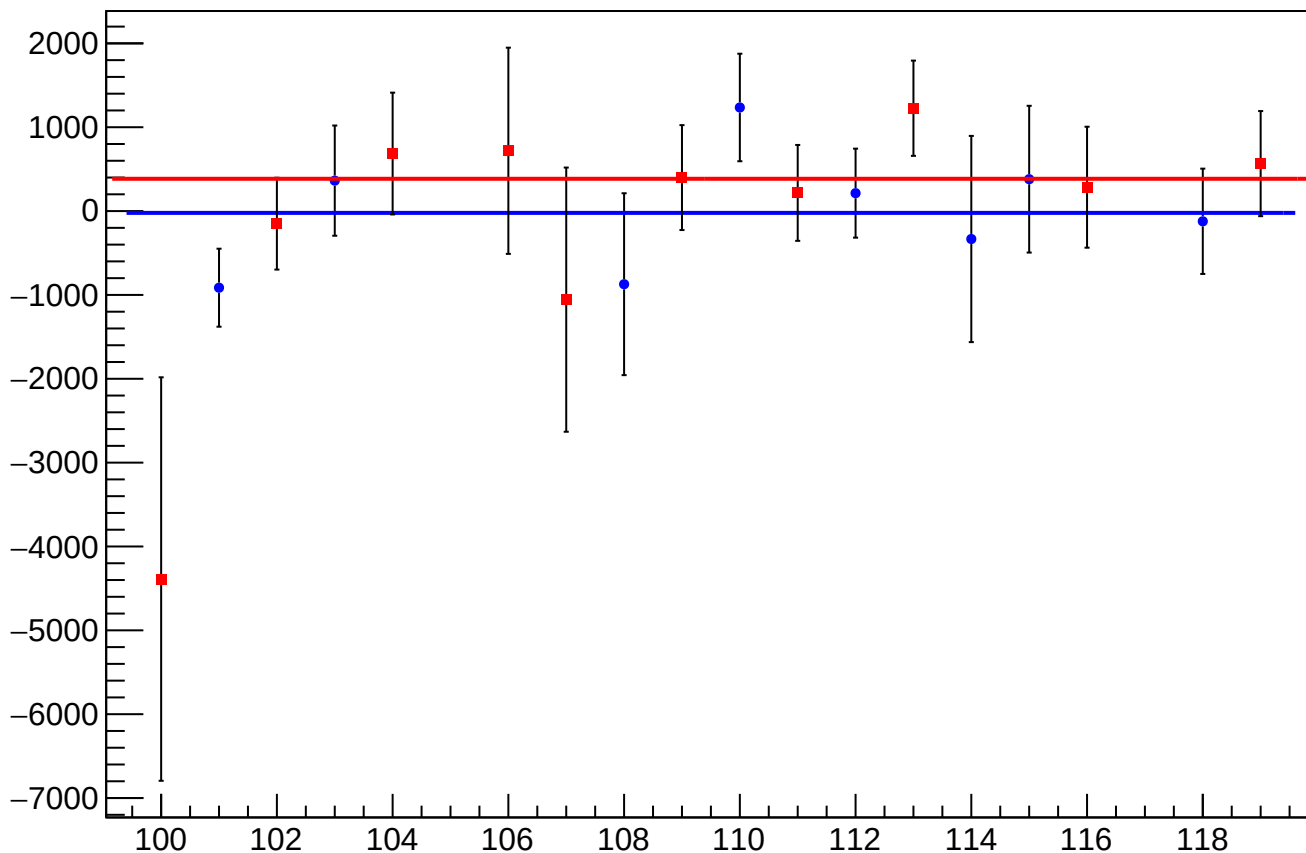
Right: 387.959 $\pm$ 0.167 χ^2/NDF : 7704450.9/15

In: 389.042 $\pm$ 0.245 χ^2/NDF : 3345120.5/6

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 387.959 $\pm$ 0.167 χ^2/NDF : 7704450.9/15

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -21.599 ± 233.919 χ^2/NDF : 9.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 385.085 ± 225.600 χ^2/NDF : 8.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

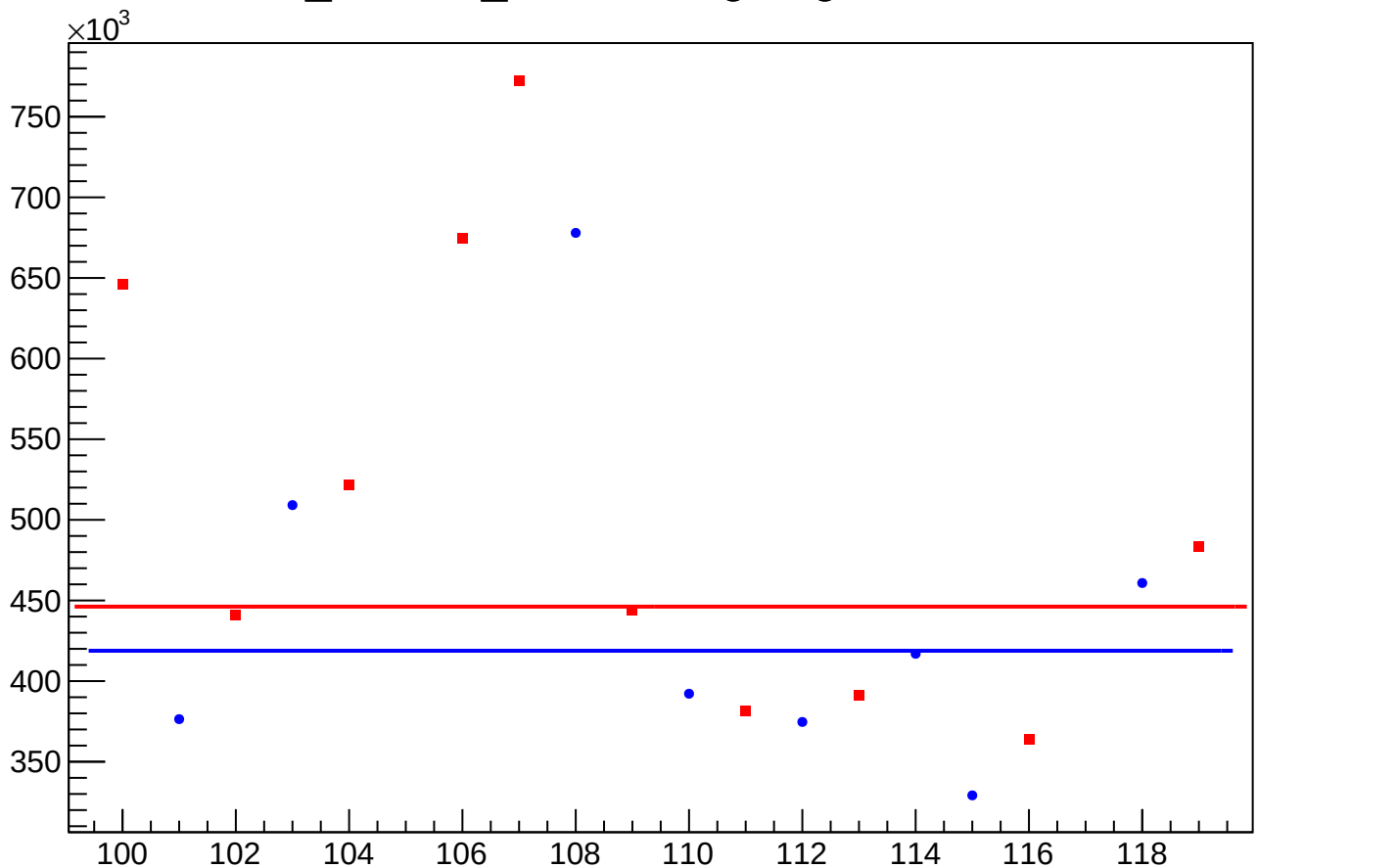
Right: 189.103 ± 162.385 χ^2/NDF : 18.9/17

In: -21.599 ± 233.919 χ^2/NDF : 9.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 189.103 ± 162.385 χ^2/NDF : 18.9/17

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 418817.950+/-165.405 χ^2/NDF : 215864.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446187.413+/-159.607 χ^2/NDF : 265706.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

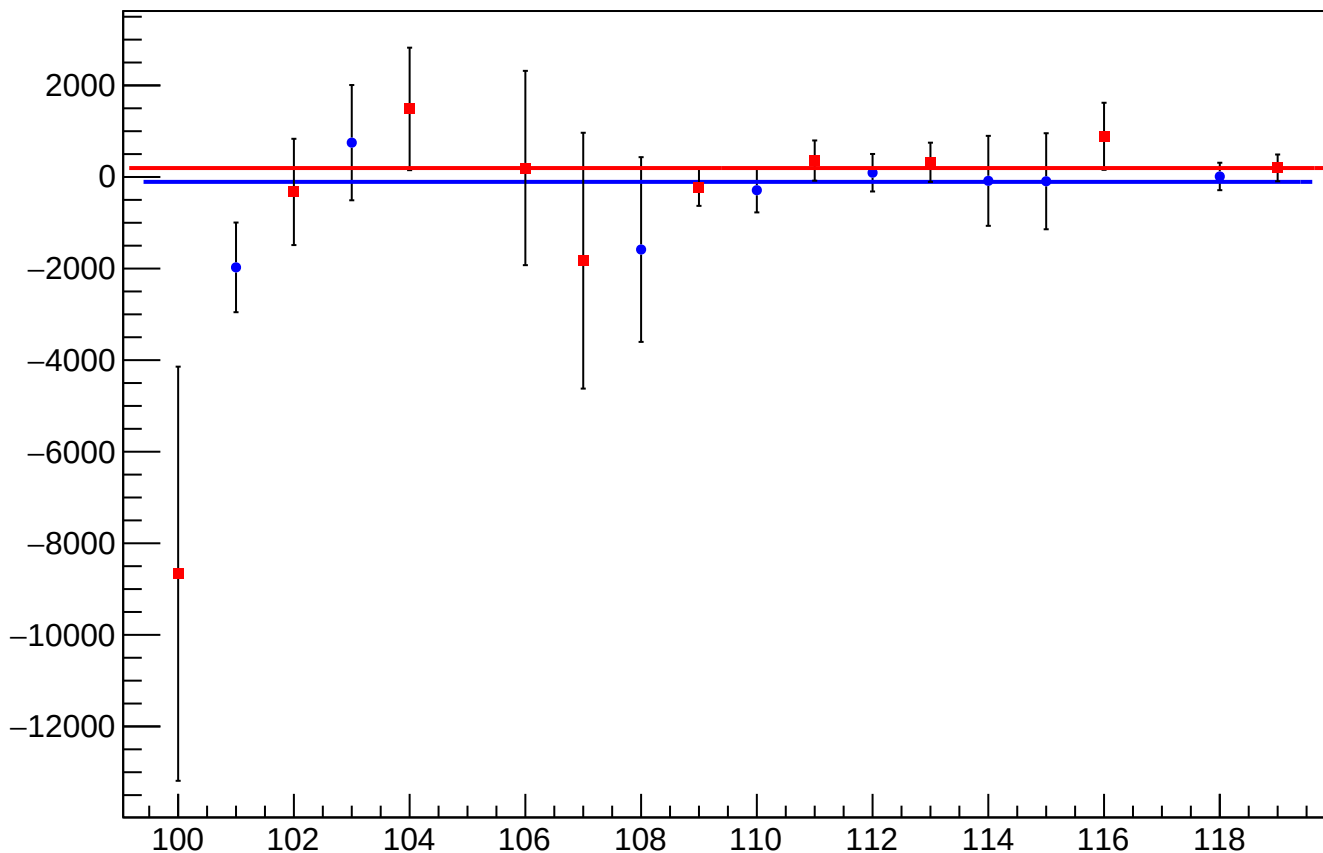
Right: 432990.795+/-114.855 χ^2/NDF : 495748.9/17

In: 418817.950+/-165.405 χ^2/NDF : 215864.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432990.795+/-114.855 χ^2/NDF : 495748.9/17

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -106.695+/-199.129 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 195.190+/-177.156 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

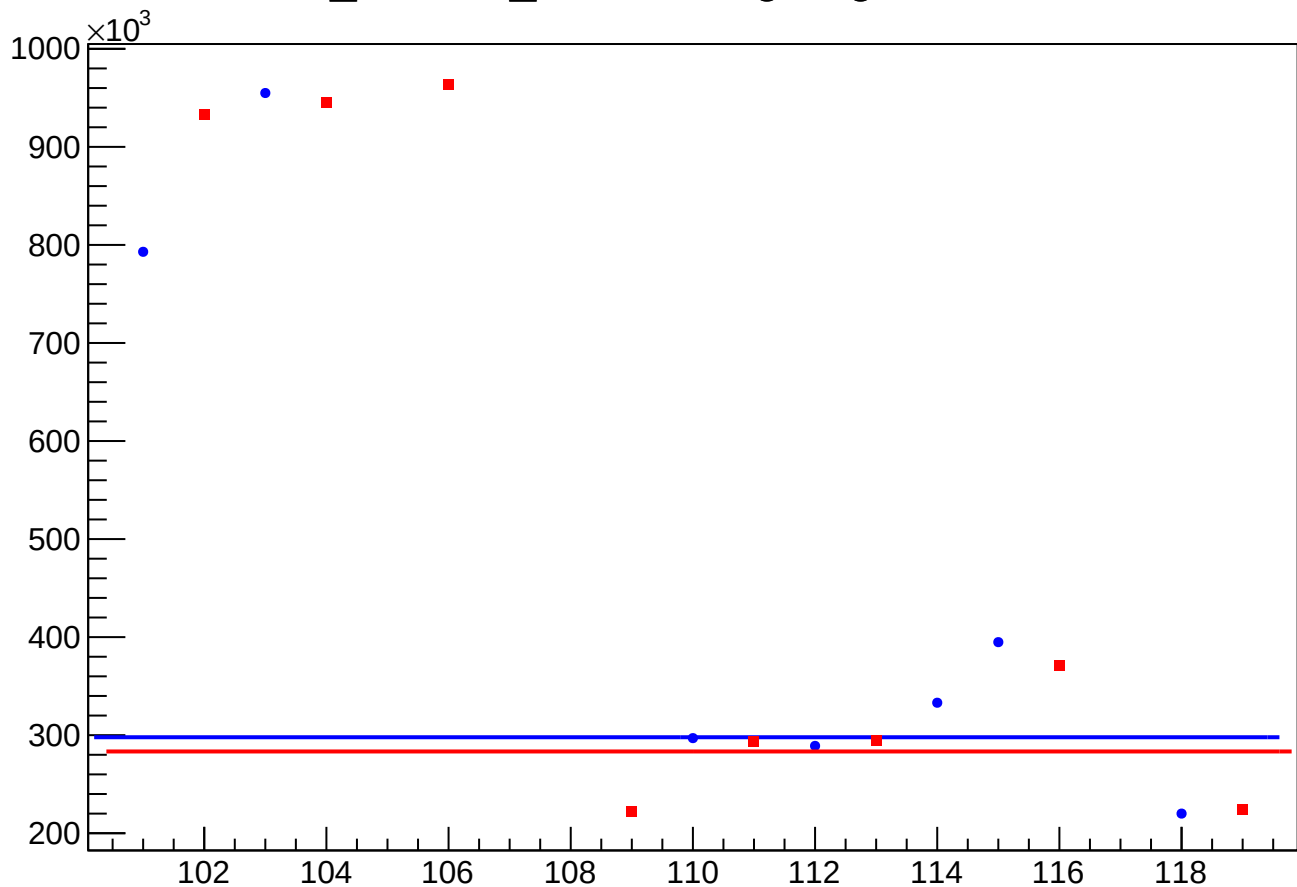
Right: 61.817+/-132.358 χ^2/NDF : 14.1/17

In: -106.695+/-199.129 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

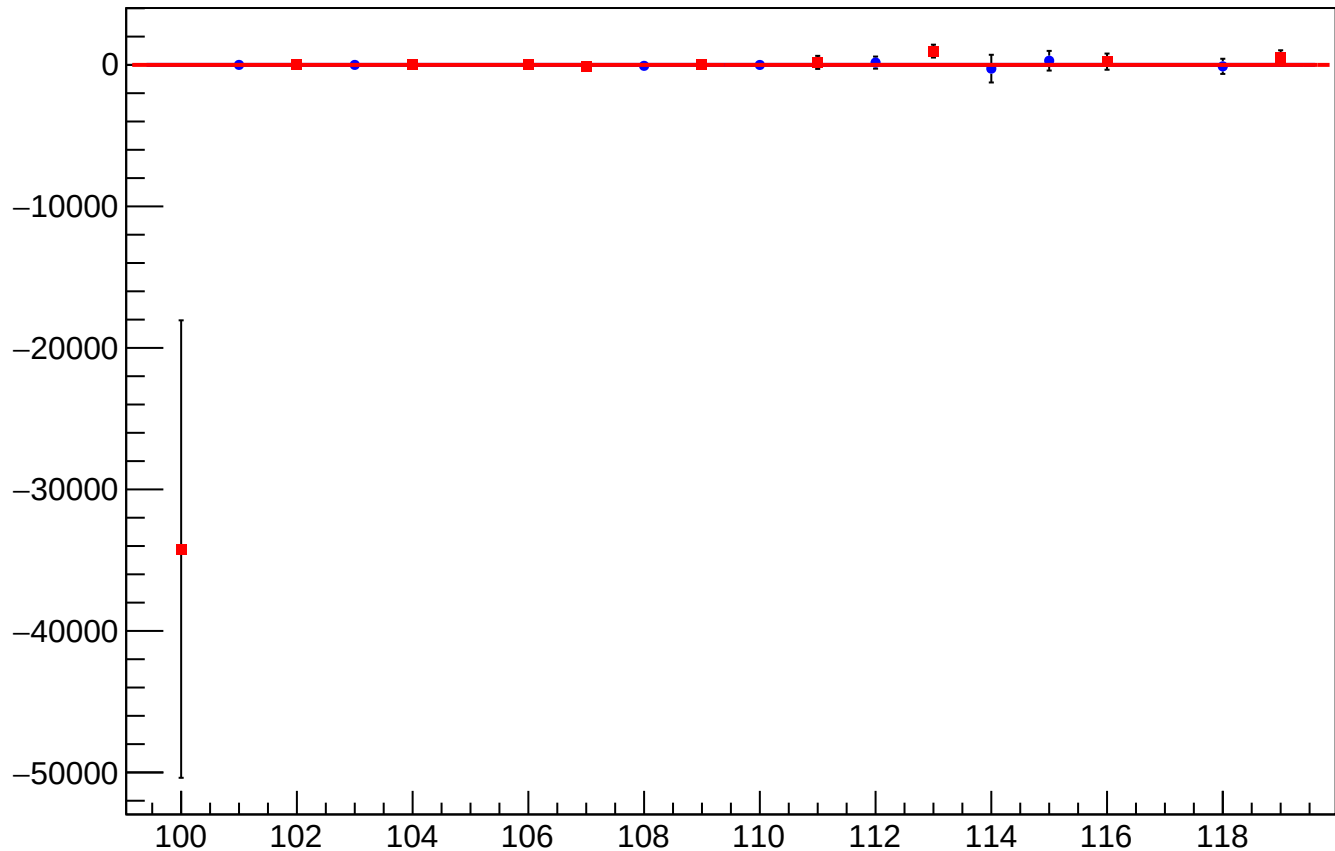
All: 61.817+/-132.358 χ^2/NDF : 14.1/17

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 297893.596 $\pm$ 142.069 χ^2/NDF : 1038697.2/6
 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: 289802.205 $\pm$ 94.501 χ^2/NDF : 2217264.4/14
 Right Out: 283380.839 $\pm$ 126.561 χ^2/NDF : 1172749.1/7
 In: 297893.596 $\pm$ 142.069 χ^2/NDF : 1038697.2/6
 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: 289802.205 $\pm$ 94.501 χ^2/NDF : 2217264.4/14

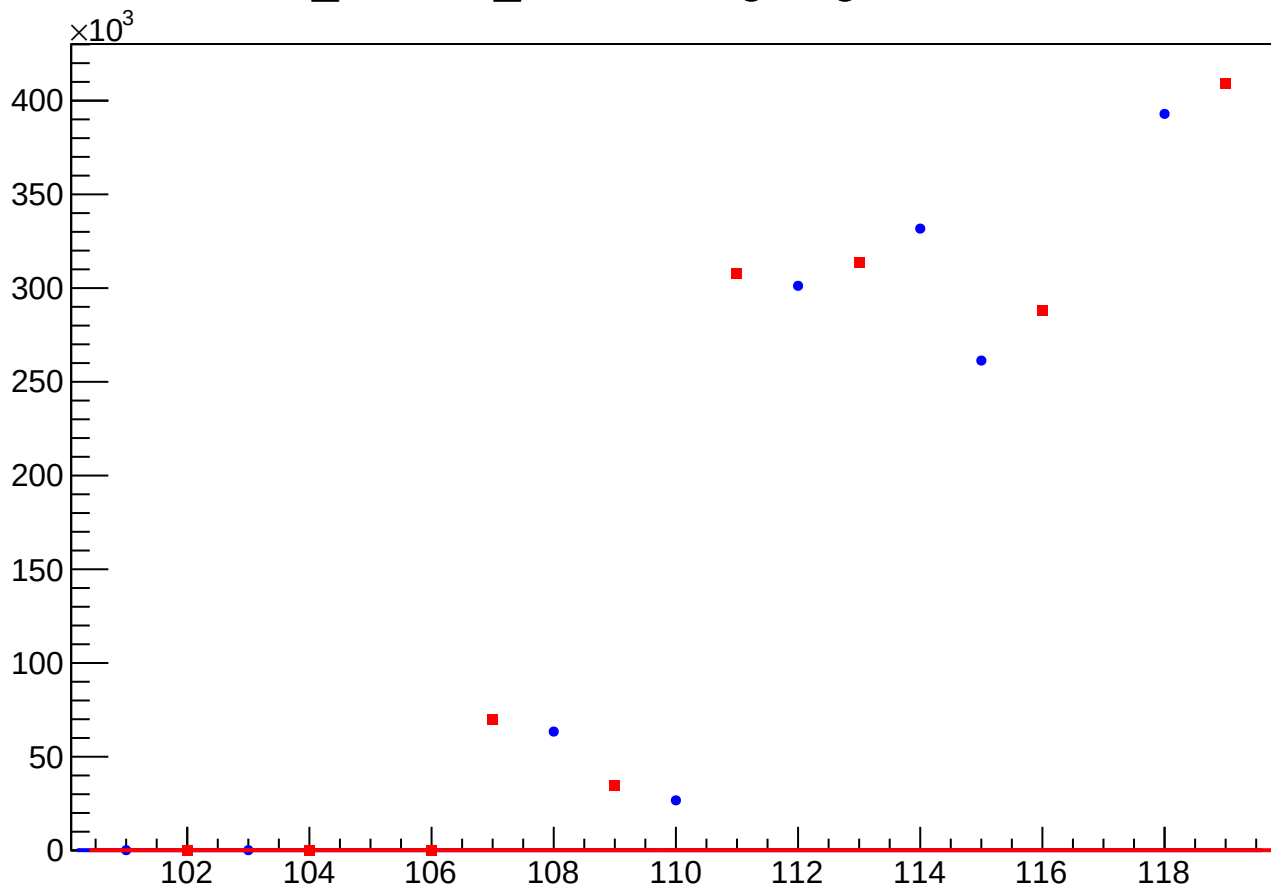
diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.172 χ^2/NDF : 1.5/7
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.355+/-0.160 χ^2/NDF : 11.0/9
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 0.174+/-0.117 χ^2/NDF : 15.2/17
In: -0.035+/-0.172 χ^2/NDF : 1.5/7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 0.174+/-0.117 χ^2/NDF : 15.2/17

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 148.736 $\pm$ 0.122 χ^2/NDF : 3639355.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.127 $\pm$ 0.113 χ^2/NDF : 4616680.8/8

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

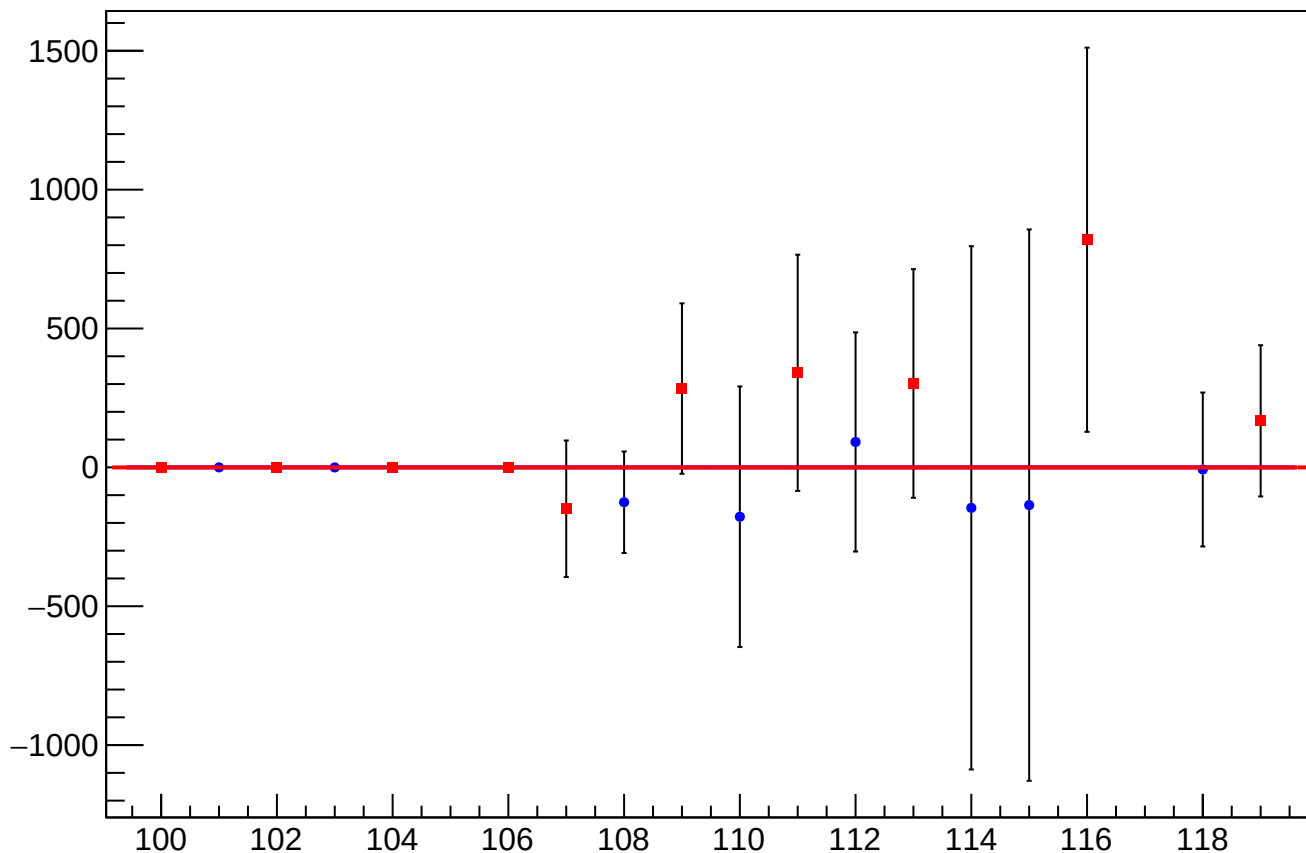
Right: 148.946 $\pm$ 0.083 χ^2/NDF : 8256041.7/16

In: 148.736 $\pm$ 0.122 χ^2/NDF : 3639355.3/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.946 $\pm$ 0.083 χ^2/NDF : 8256041.7/16

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 0.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.125 ± 0.166 χ^2/NDF : 4.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

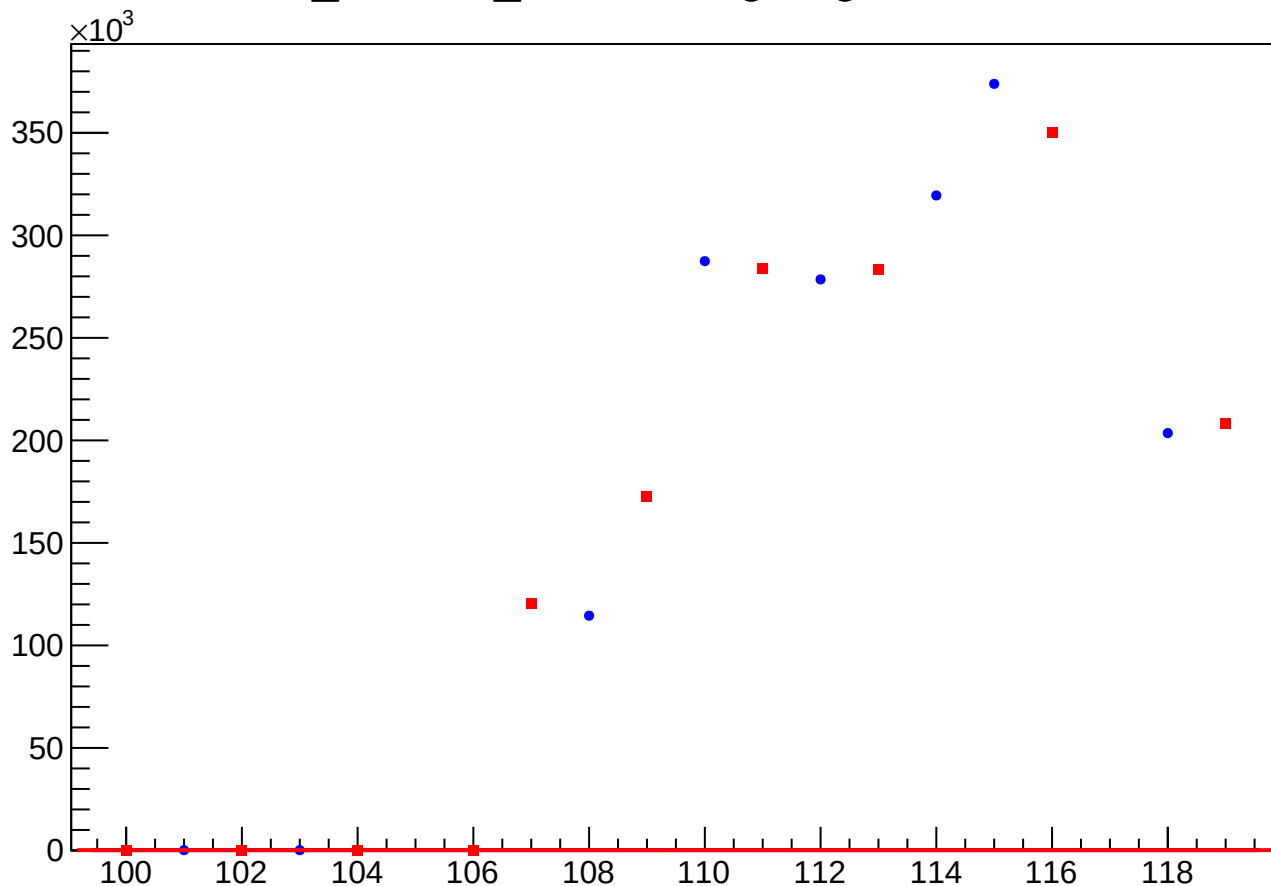
Right: -0.098 ± 0.121 χ^2/NDF : 5.3/17

In: -0.068 ± 0.177 χ^2/NDF : 0.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.098 ± 0.121 χ^2/NDF : 5.3/17

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 152.825 $\pm$ 0.125 χ^2/NDF : 4120248.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.647 $\pm$ 0.118 χ^2/NDF : 4619666.5/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

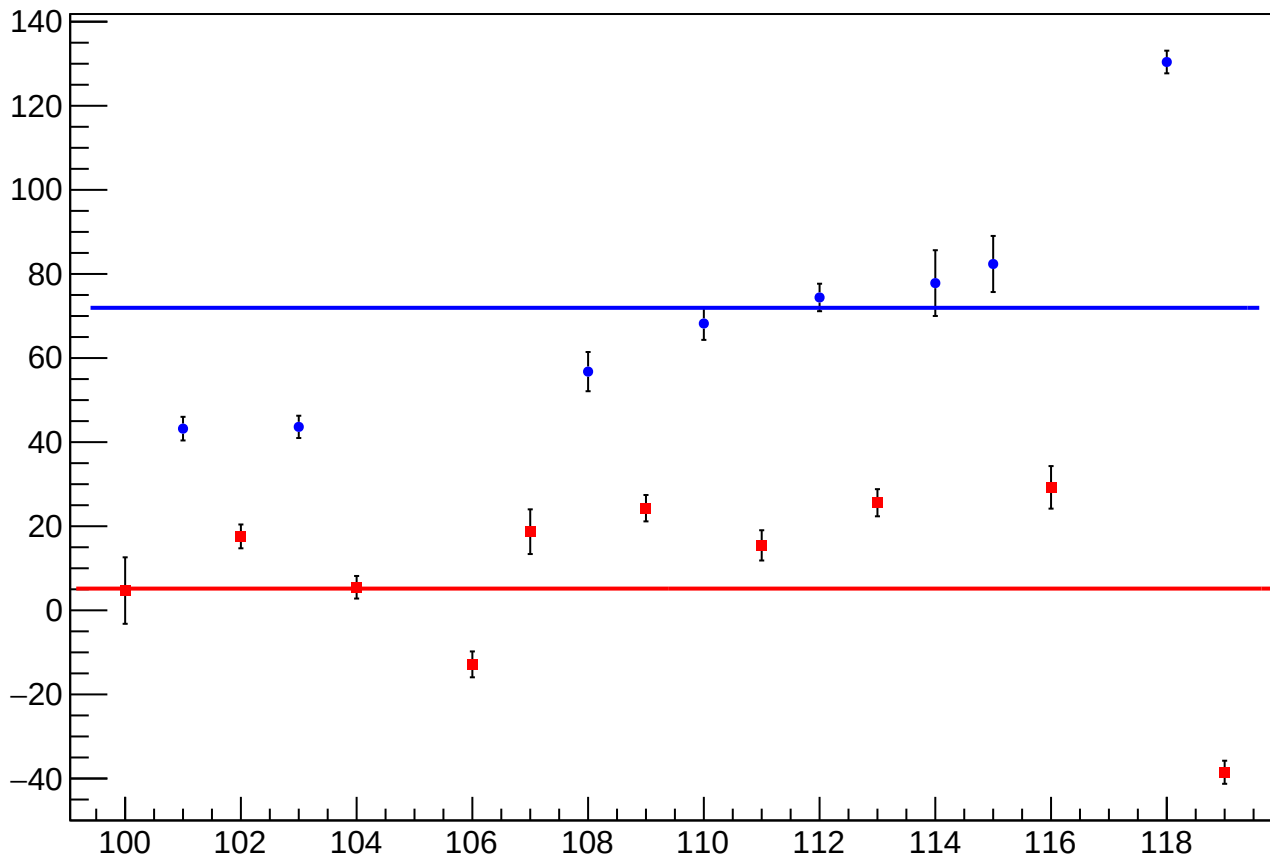
Right: 154.324 $\pm$ 0.086 χ^2/NDF : 8740183.8/17

In: 152.825 $\pm$ 0.125 χ^2/NDF : 4120248.0/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.324 $\pm$ 0.086 χ^2/NDF : 8740183.8/17

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 71.948 $\pm$ 1.240 χ^2 /NDF: 704.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.170 $\pm$ 1.074 χ^2 /NDF: 421.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

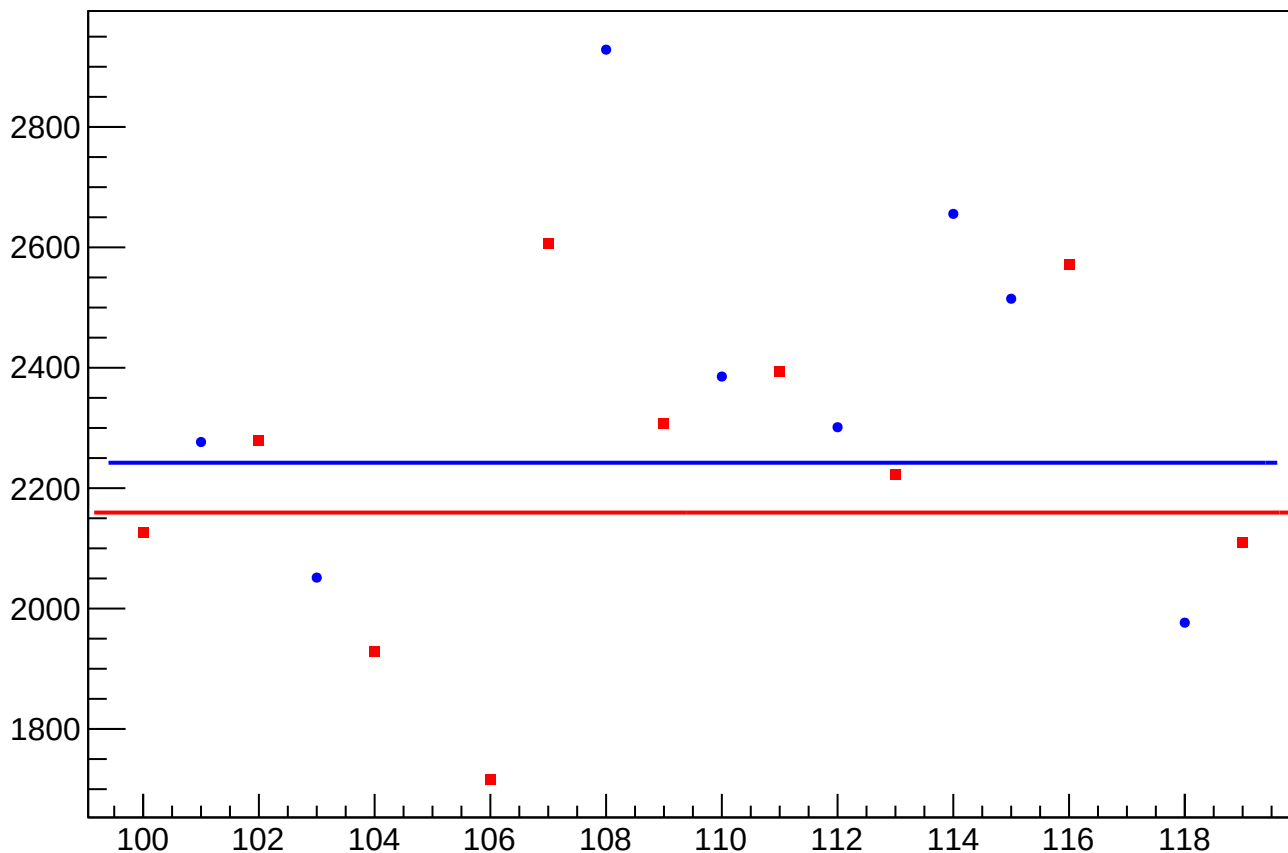
Right: 33.806 $\pm$ 0.812 χ^2 /NDF: 2782.8/17

In: 71.948 $\pm$ 1.240 χ^2 /NDF:704.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.806 $\pm$ 0.812 χ^2 /NDF: 2782.8/17

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2242.236 $\pm$ 0.877 χ^2/NDF : 85670.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2159.483 $\pm$ 0.759 χ^2/NDF : 101746.5/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

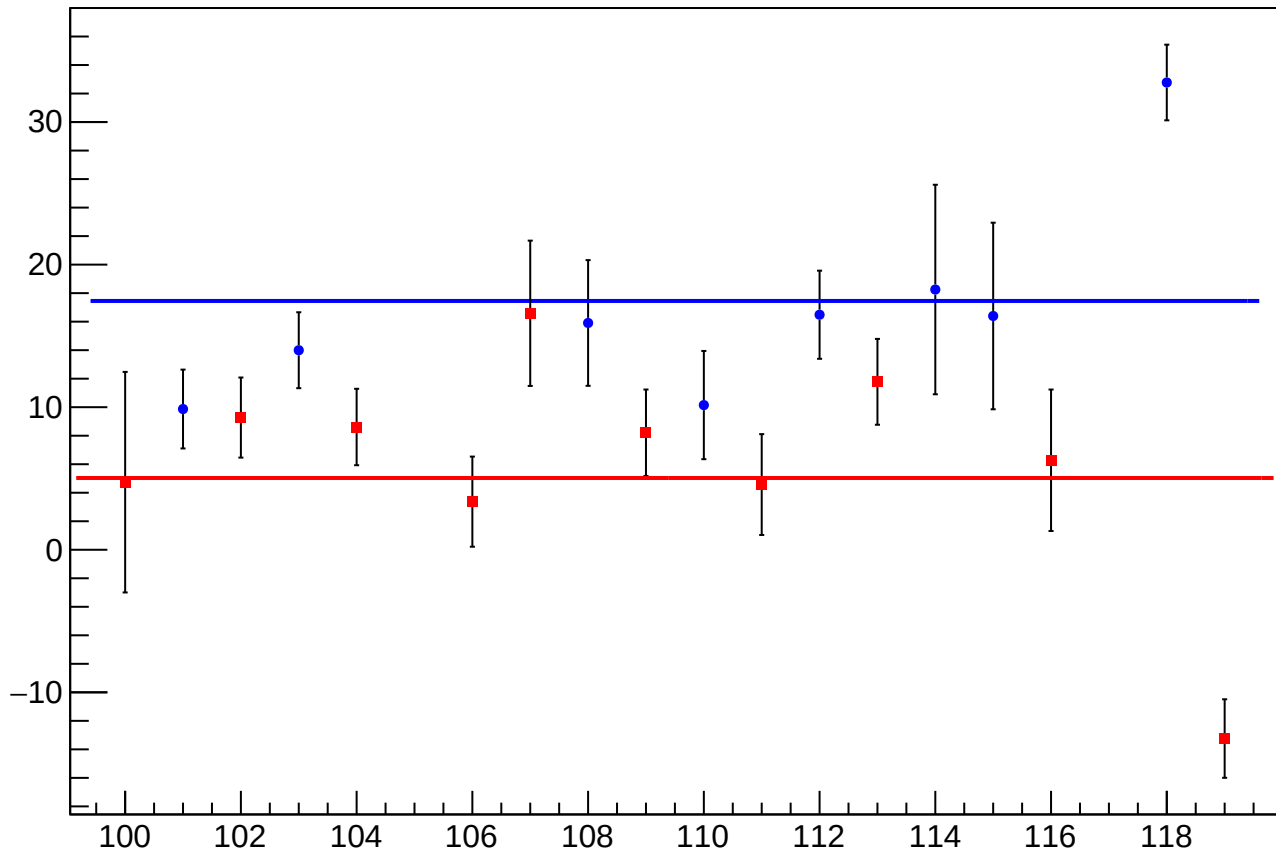
Right: 2194.969 $\pm$ 0.574 χ^2/NDF : 192508.3/17

In: 2242.236 $\pm$ 0.877 χ^2/NDF : 85670.9/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2194.969 $\pm$ 0.574 χ^2/NDF : 192508.3/17

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 17.452+/-1.211 χ^2/NDF : 46.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.035+/-1.058 χ^2/NDF : 59.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

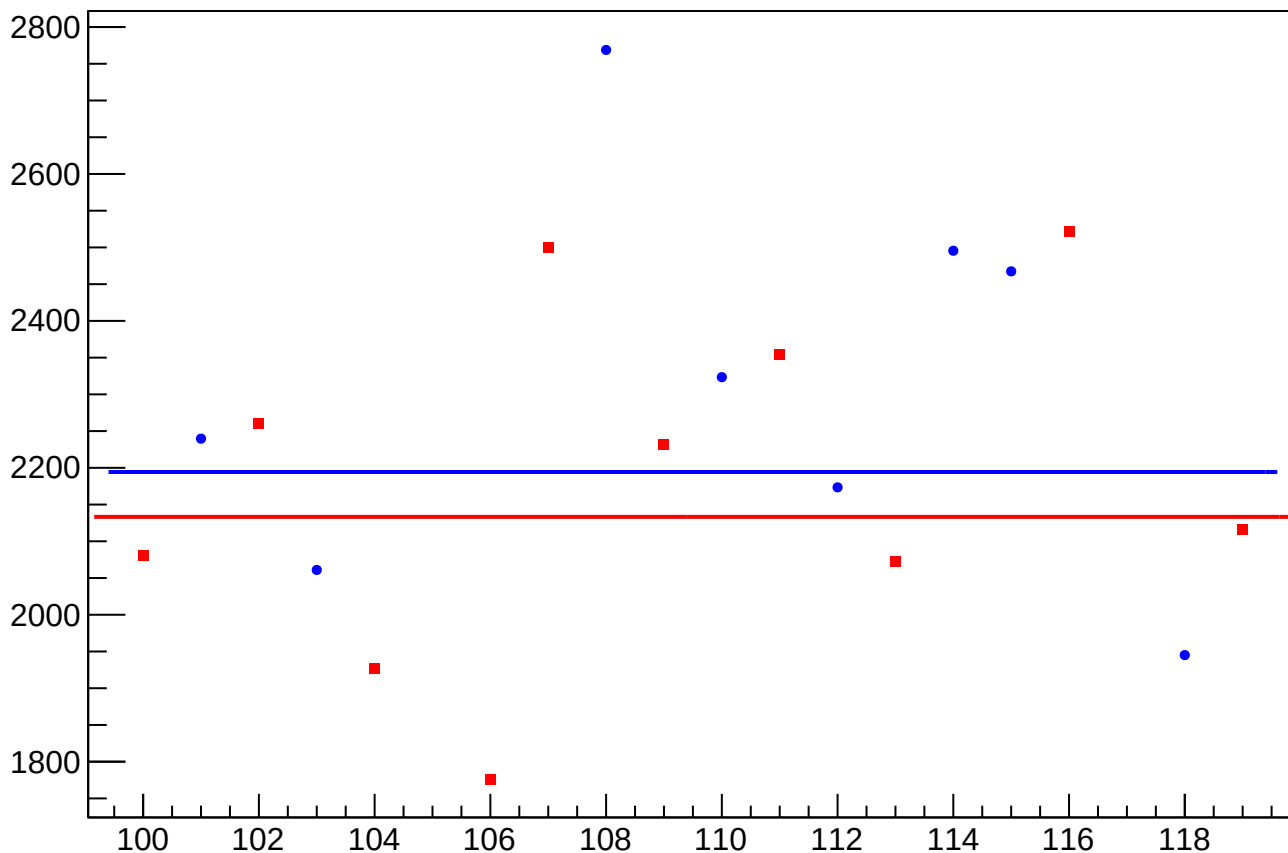
Right: 10.409+/-0.797 χ^2/NDF : 165.8/17

In: 17.452+/-1.211 χ^2/NDF : 46.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.409+/-0.797 χ^2/NDF : 165.8/17

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2194.336+/-0.857 χ^2/NDF : 66398.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2133.262+/-0.748 χ^2/NDF : 75072.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

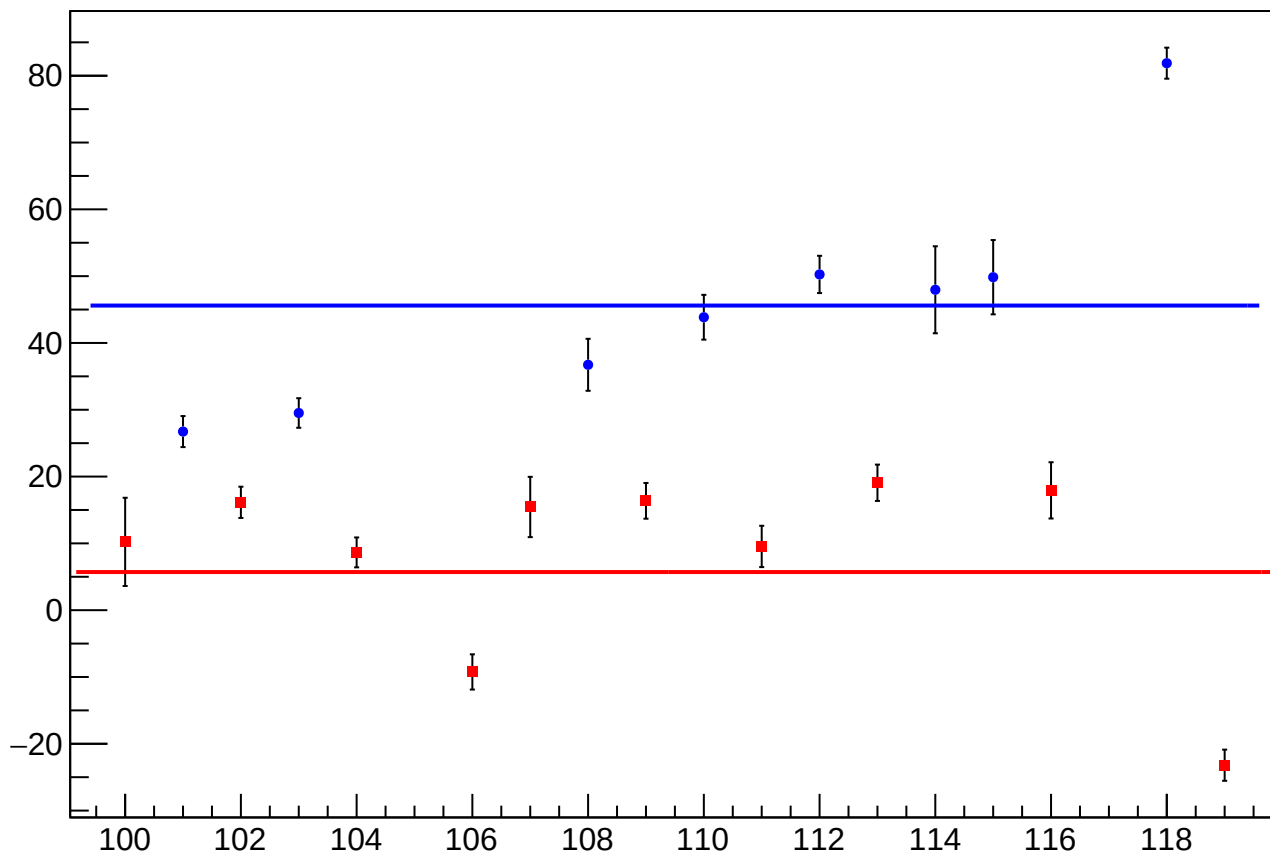
Right: 2159.698+/-0.564 χ^2/NDF : 144353.6/17

In: 2194.336+/-0.857 χ^2/NDF : 66398.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2159.698+/-0.564 χ^2/NDF : 144353.6/17

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 45.599+/-1.046 χ^2/NDF : 371.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.708+/-0.906 χ^2/NDF : 262.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

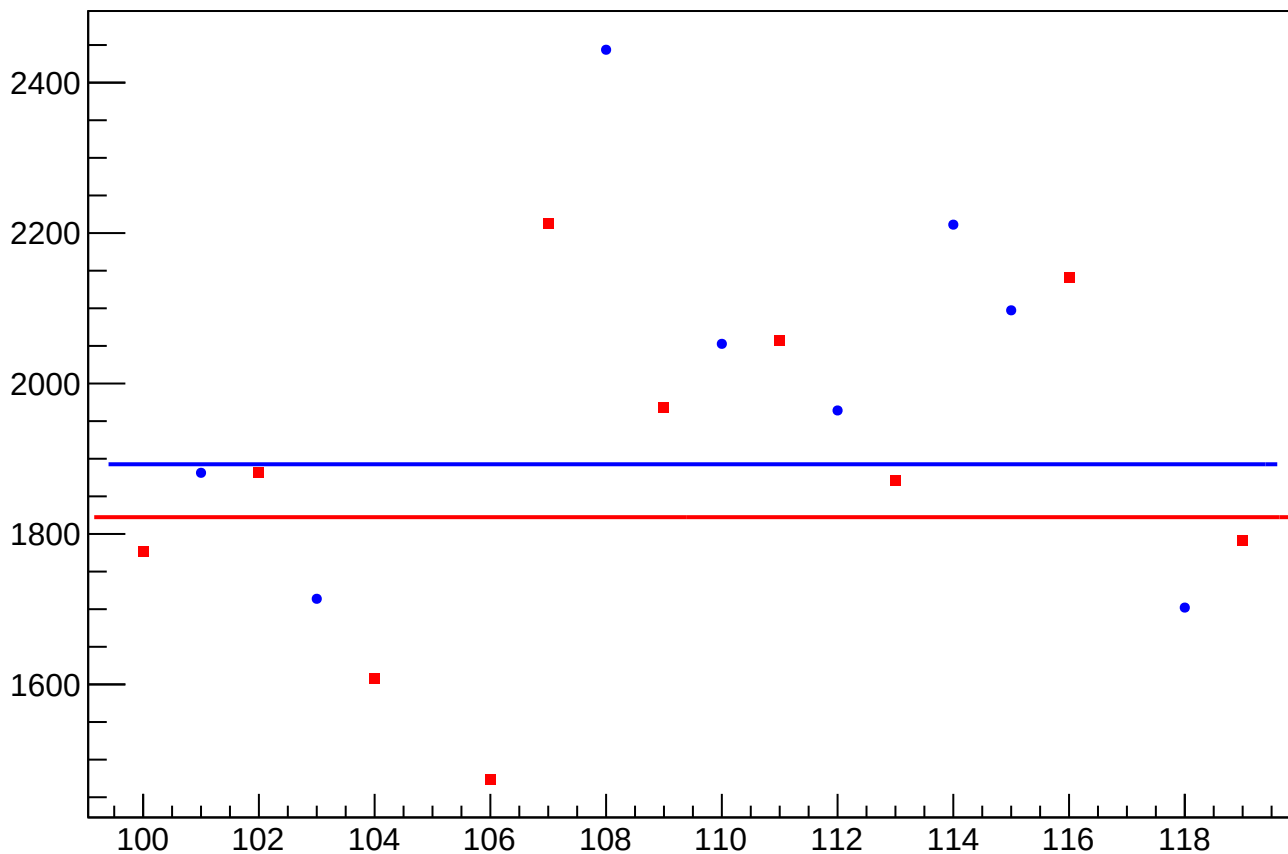
Right: 22.814+/-0.685 χ^2/NDF : 1465.7/17

In: 45.599+/-1.046 χ^2/NDF : 371.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.814+/-0.685 χ^2/NDF : 1465.7/17

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1892.660 $\pm$ 0.739 χ^2 /NDF: 80047.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1822.324 $\pm$ 0.641 χ^2 /NDF: 99639.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

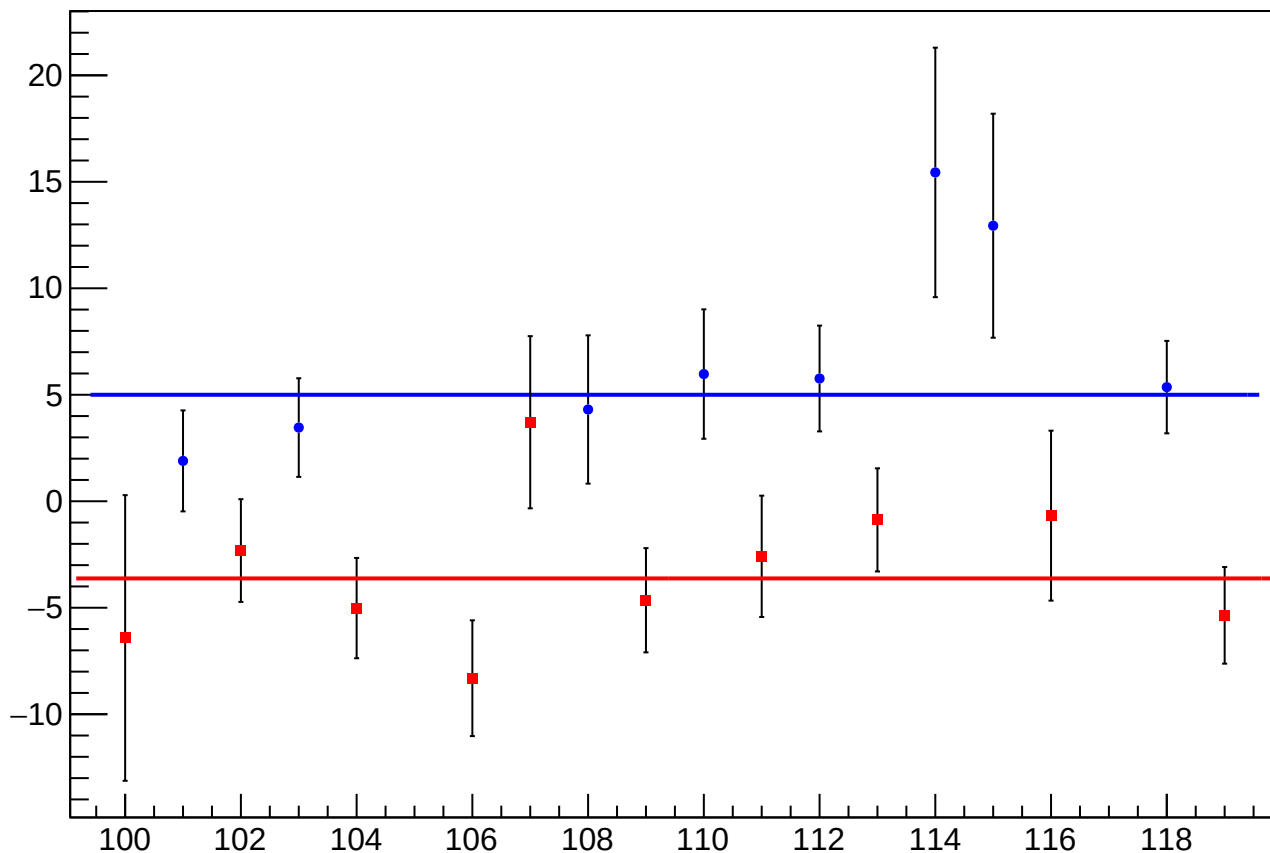
Right: 1852.485 $\pm$ 0.484 χ^2 /NDF: 184854.6/17

In: 1892.660 $\pm$ 0.739 χ^2 /NDF:80047.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1852.485 $\pm$ 0.484 χ^2 /NDF: 184854.6/17

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 5.000 $\pm$ 1.003 χ^2/NDF : 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -3.624 $\pm$ 0.881 χ^2/NDF : 9.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

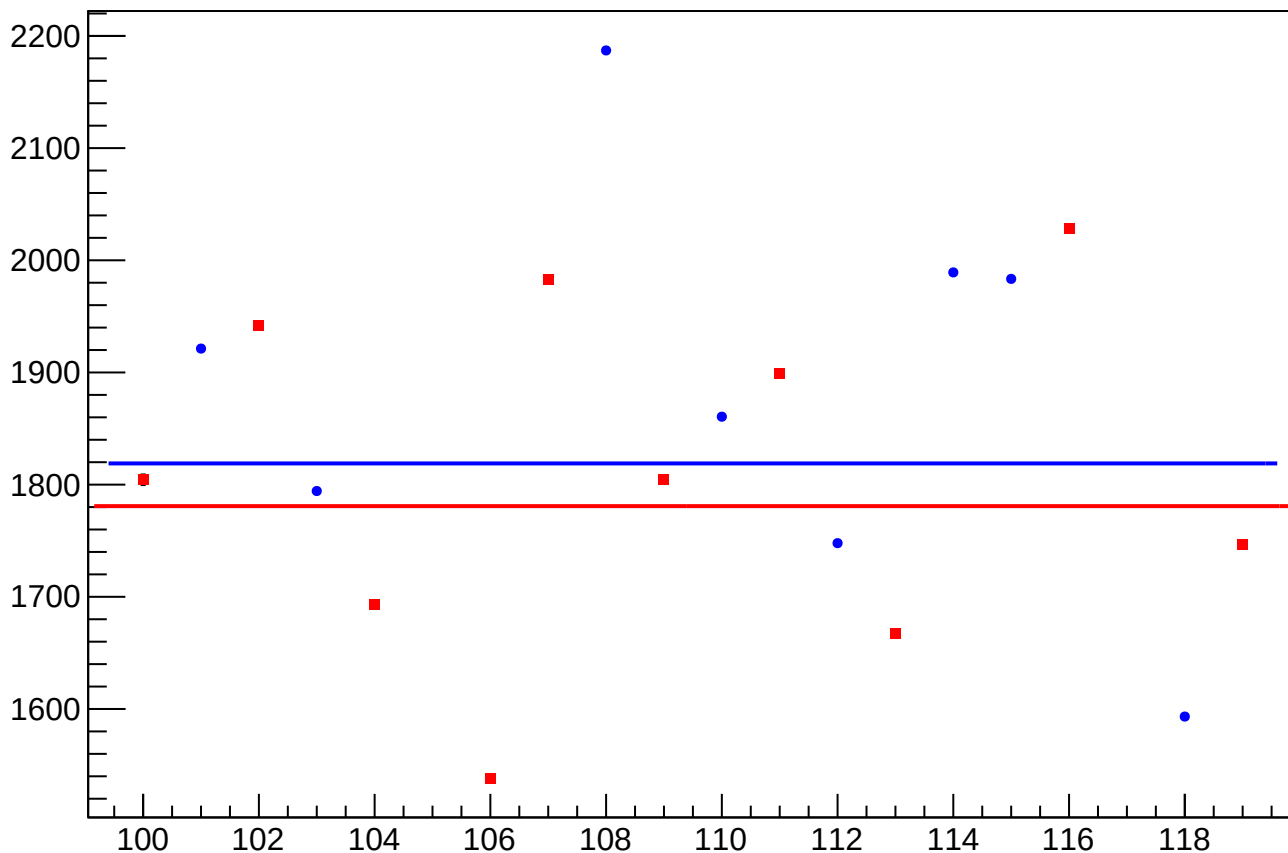
Right: 0.133 $\pm$ 0.662 χ^2/NDF : 59.4/17

In: 5.000 $\pm$ 1.003 χ^2/NDF : 7.9/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.133 $\pm$ 0.662 χ^2/NDF : 59.4/17

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1818.909 $\pm$ 0.709 χ^2 /NDF: 53590.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1780.832 $\pm$ 0.623 χ^2 /NDF: 48789.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

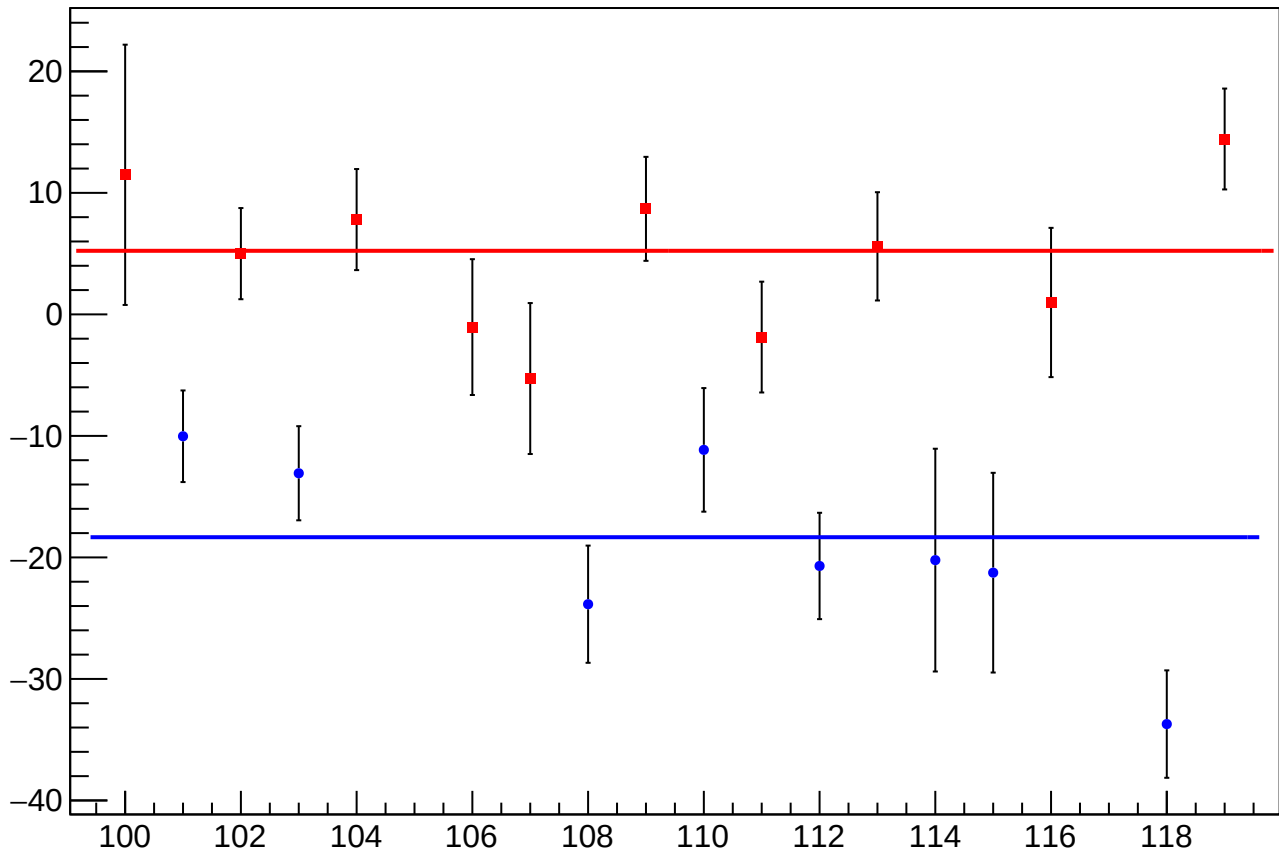
Right: 1797.418 $\pm$ 0.468 χ^2 /NDF: 104008.0/17

In: 1818.909 $\pm$ 0.709 χ^2 /NDF: 53590.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1797.418 $\pm$ 0.468 χ^2 /NDF: 104008.0/17

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -18.337 $\pm$ 1.693 χ^2 /NDF: 22.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.232 $\pm$ 1.519 χ^2 /NDF: 13.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

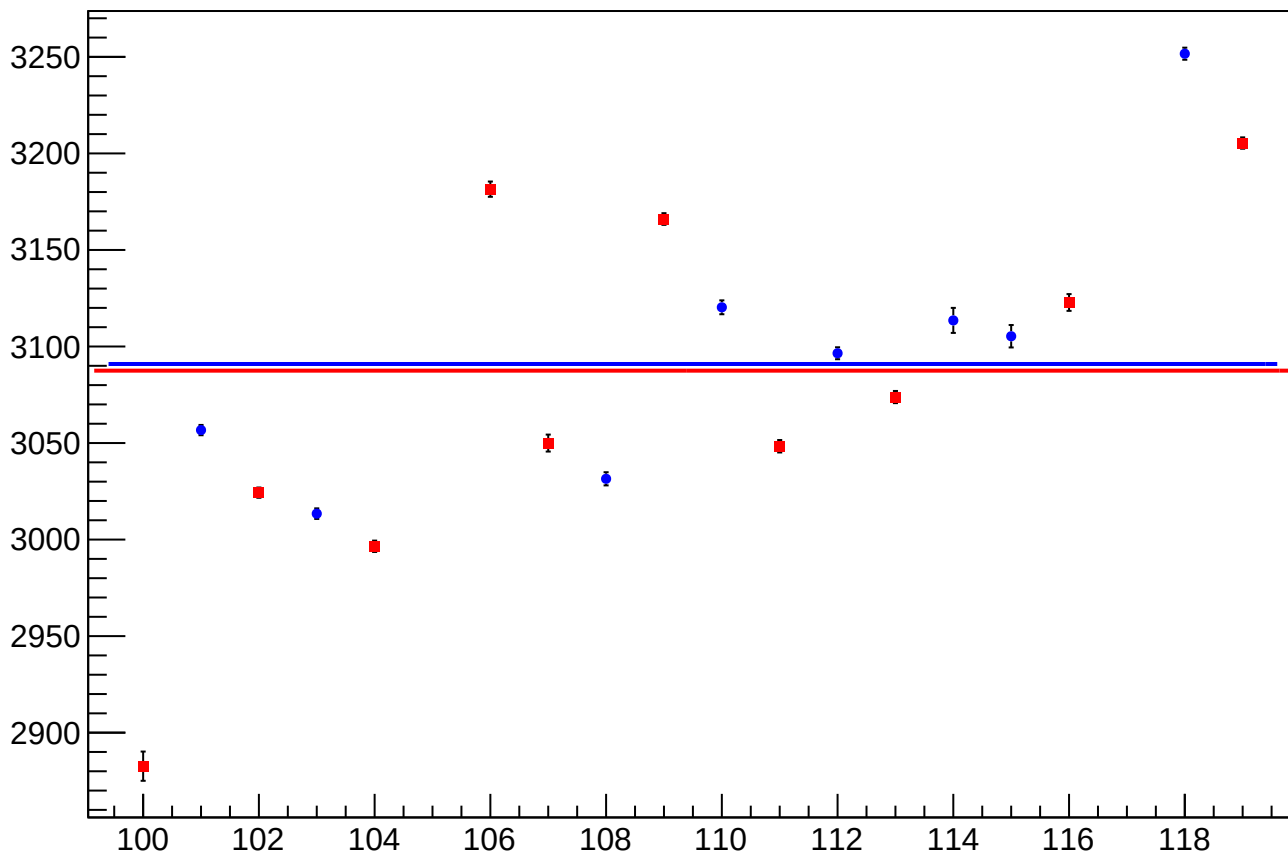
Right: -5.281 $\pm$ 1.131 χ^2 /NDF: 143.2/17

In: -18.337 $\pm$ 1.693 χ^2 /NDF:22.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.281 $\pm$ 1.131 χ^2 /NDF: 143.2/17

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3090.939 $\pm$ 1.197 χ^2 /NDF: 4001.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3087.491 $\pm$ 1.074 χ^2 /NDF: 5413.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

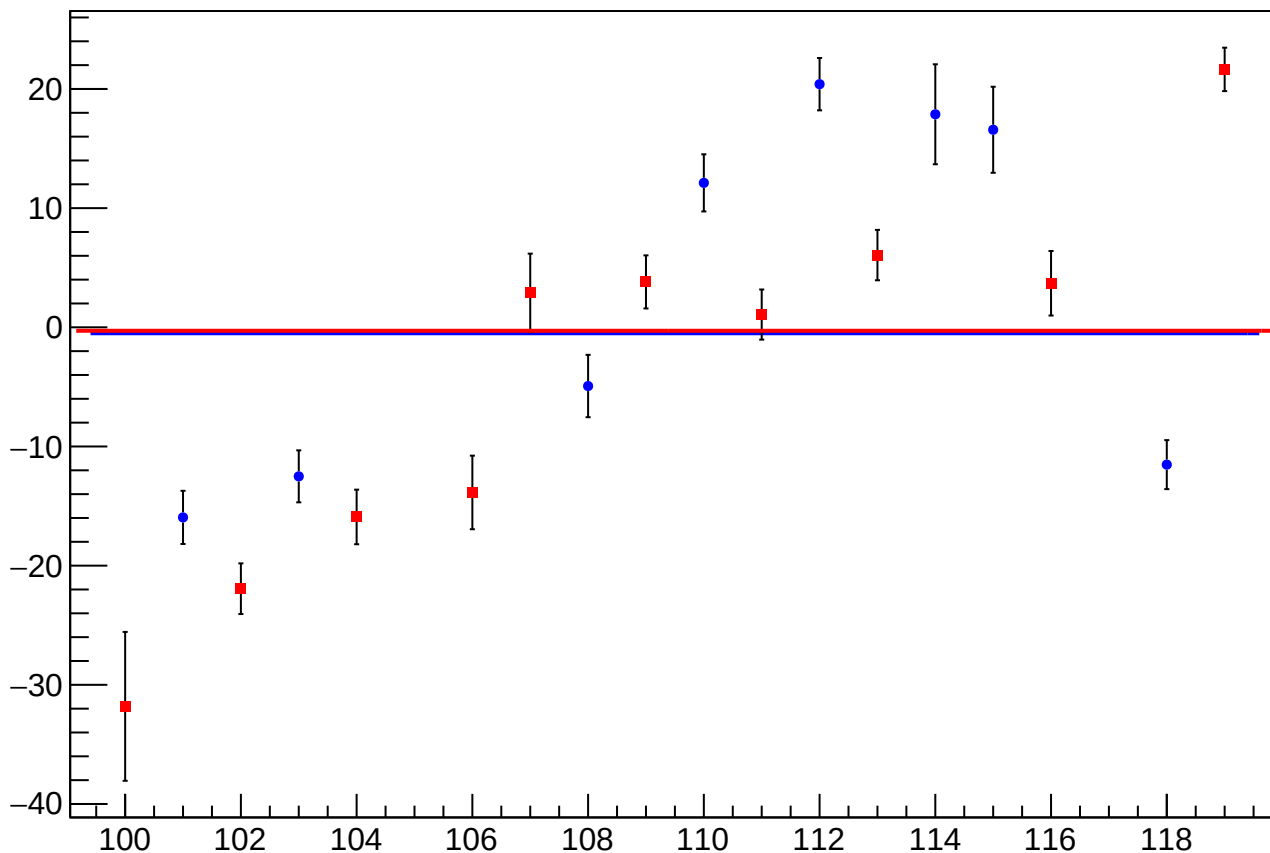
Right: 3089.029 $\pm$ 0.800 χ^2 /NDF: 9419.6/17

In: 3090.939 $\pm$ 1.197 χ^2 /NDF:4001.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3089.029 $\pm$ 0.800 χ^2 /NDF: 9419.6/17

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -0.499 ± 0.874 χ^2/NDF : 269.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.291 ± 0.762 χ^2/NDF : 355.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

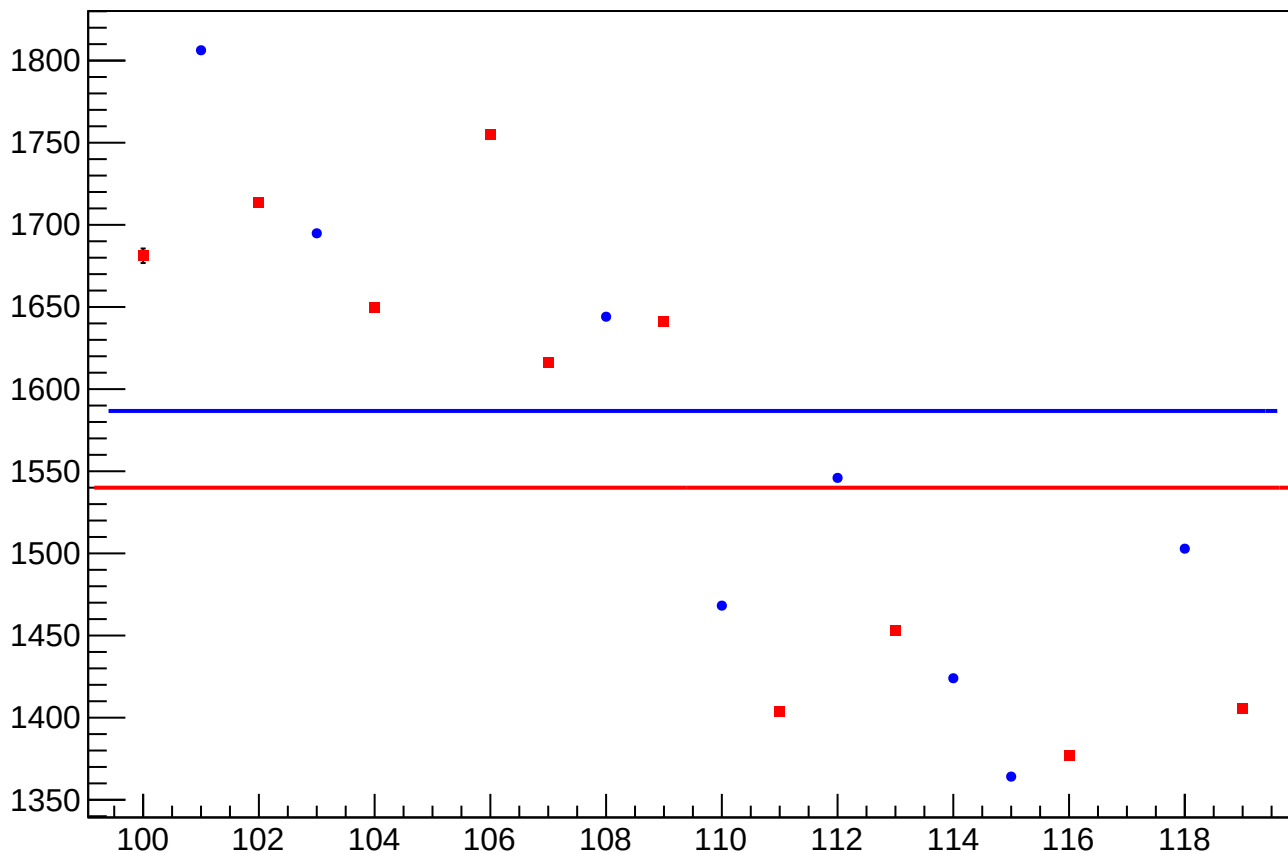
Right: -0.381 ± 0.574 χ^2/NDF : 625.3/17

In: -0.499 ± 0.874 χ^2/NDF : 269.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.381 ± 0.574 χ^2/NDF : 625.3/17

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1586.711+/-0.618 χ^2/NDF : 44753.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1539.999+/-0.539 χ^2/NDF : 63788.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

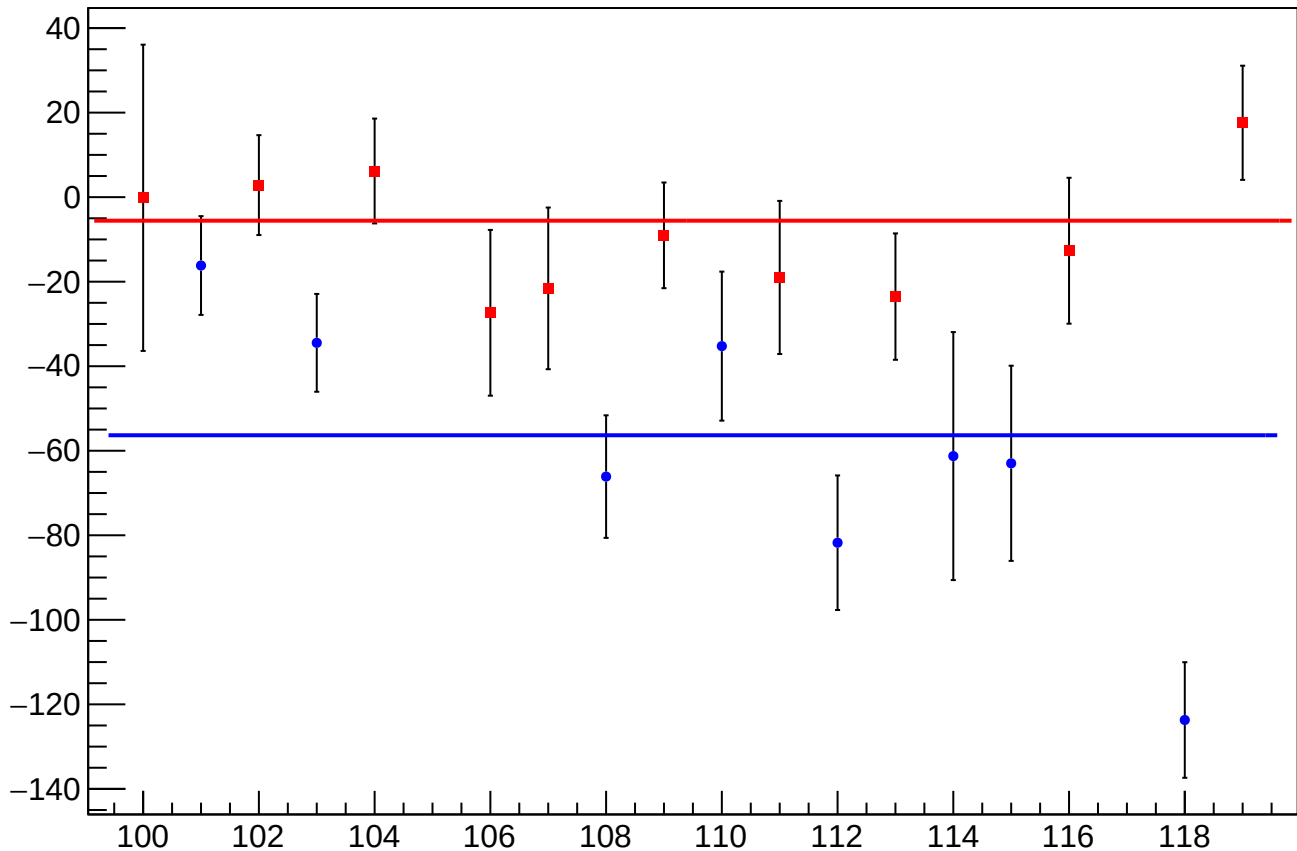
Right: 1560.161+/-0.406 χ^2/NDF : 111786.9/17

In: 1586.711+/-0.618 χ^2/NDF : 44753.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1560.161+/-0.406 χ^2/NDF : 111786.9/17

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -56.333+/-5.338 χ^2/NDF : 44.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.568+/-4.850 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

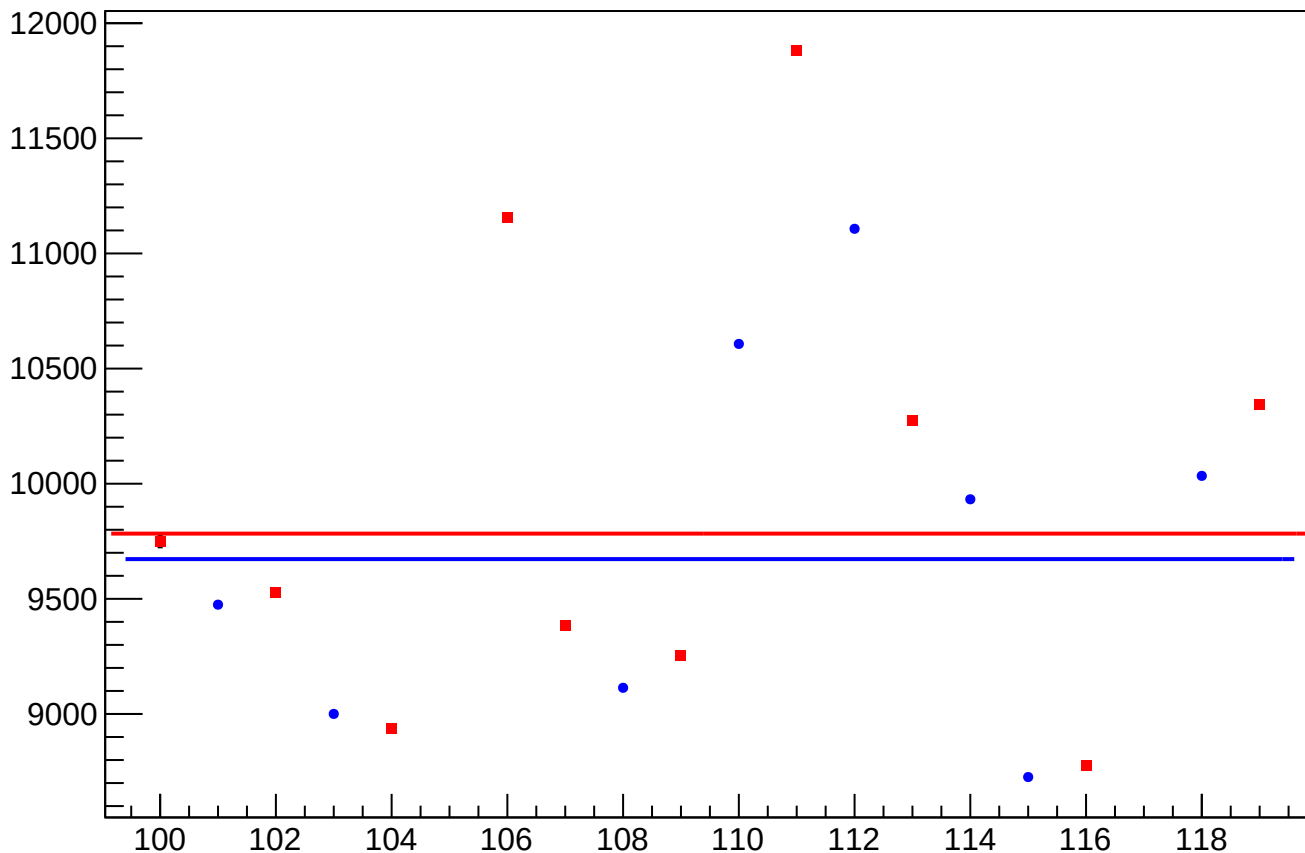
Right: -28.524+/-3.589 χ^2/NDF : 102.3/17

In: -56.333+/-5.338 χ^2/NDF : 44.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.524+/-3.589 χ^2/NDF : 102.3/17

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9672.565+/-3.774 χ^2/NDF : 37074.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9783.318+/-3.429 χ^2/NDF : 63835.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

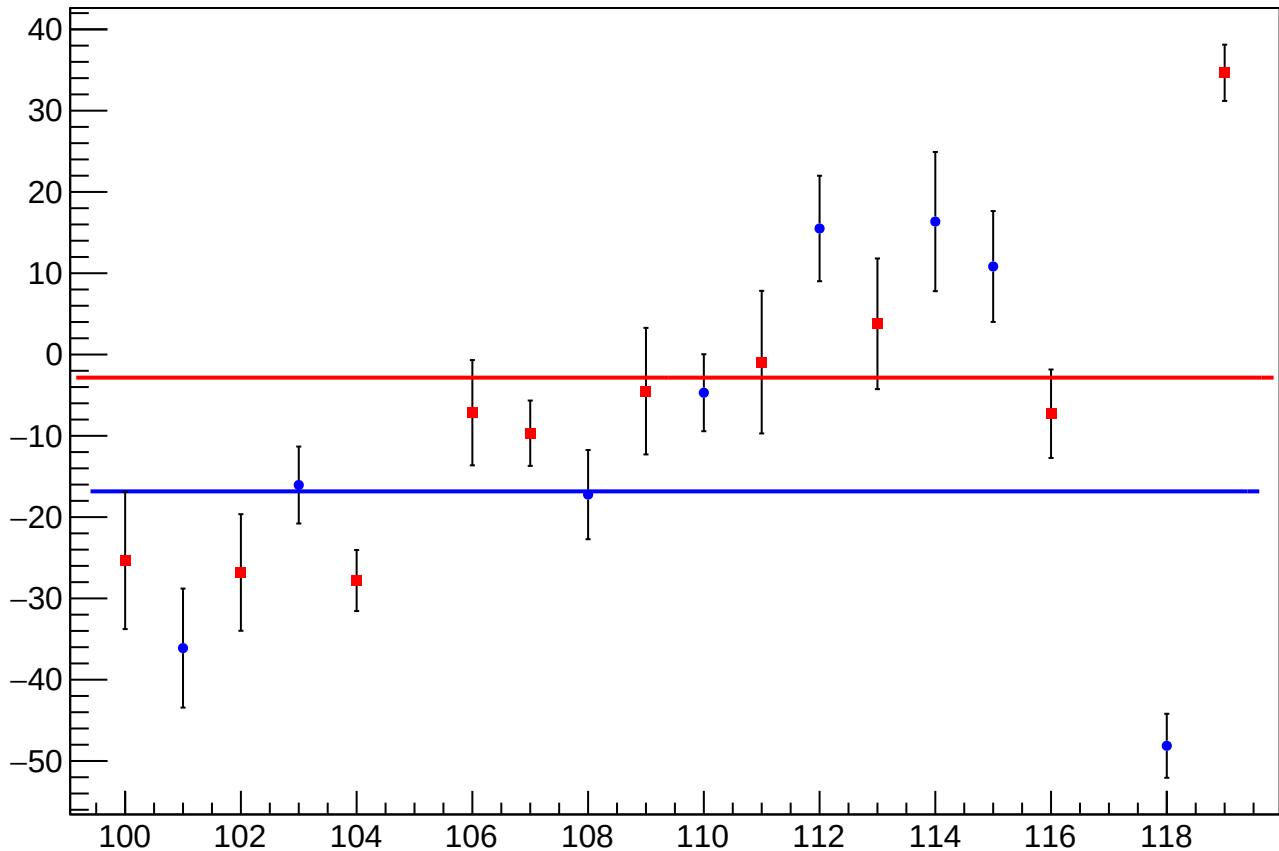
Right: 9733.235+/-2.538 χ^2/NDF : 101382.4/17

In: 9672.565+/-3.774 χ^2/NDF : 37074.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9733.235+/-2.538 χ^2/NDF : 101382.4/17

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -16.833 ± 1.944 $\chi^2/\text{NDF}: 133.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.842 ± 1.685 $\chi^2/\text{NDF}: 184.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

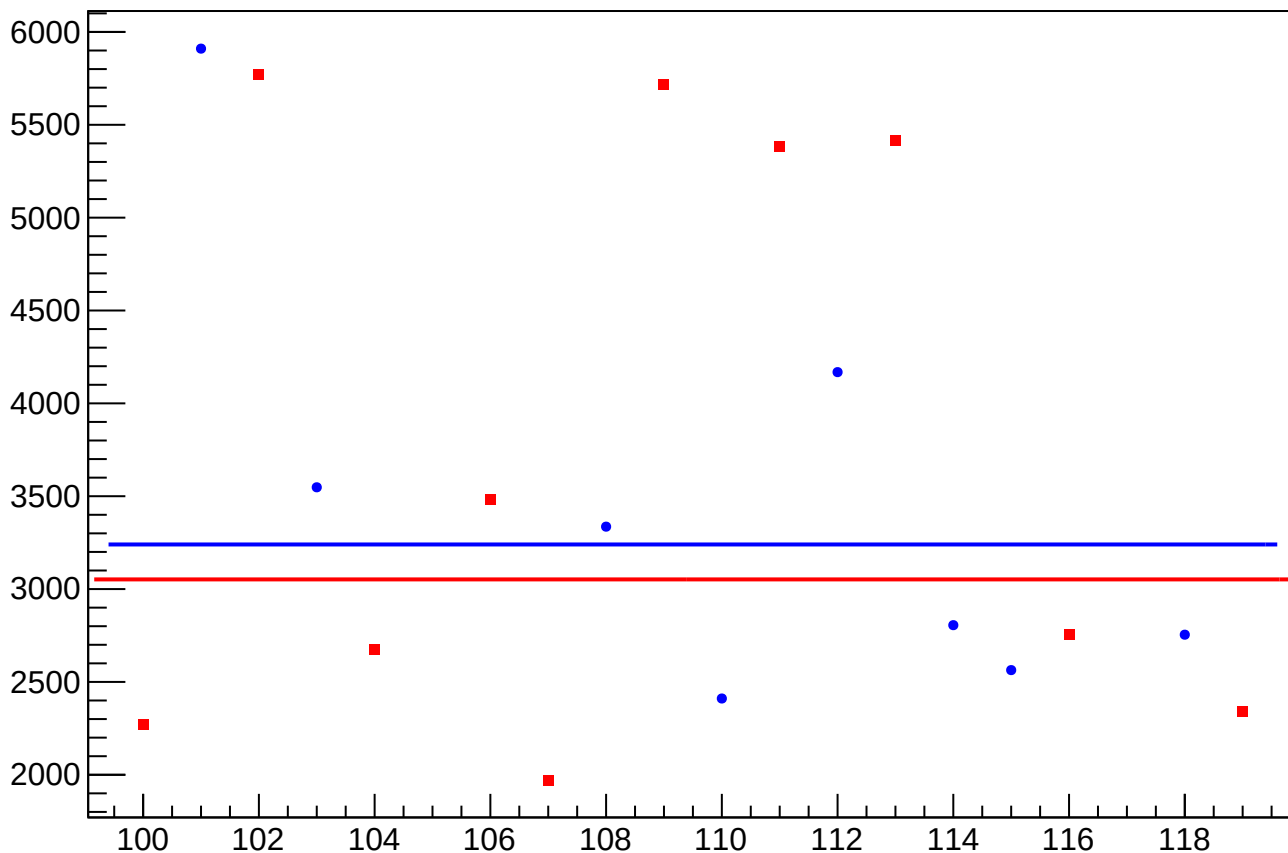
Right: -8.840 ± 1.273 $\chi^2/\text{NDF}: 347.2/17$

In: -16.833 ± 1.944 $\chi^2/\text{NDF}: 133.0/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.840 ± 1.273 $\chi^2/\text{NDF}: 347.2/17$

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 3240.175+/-1.375 χ^2/NDF : 432747.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3052.045+/-1.191 χ^2/NDF : 1116748.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

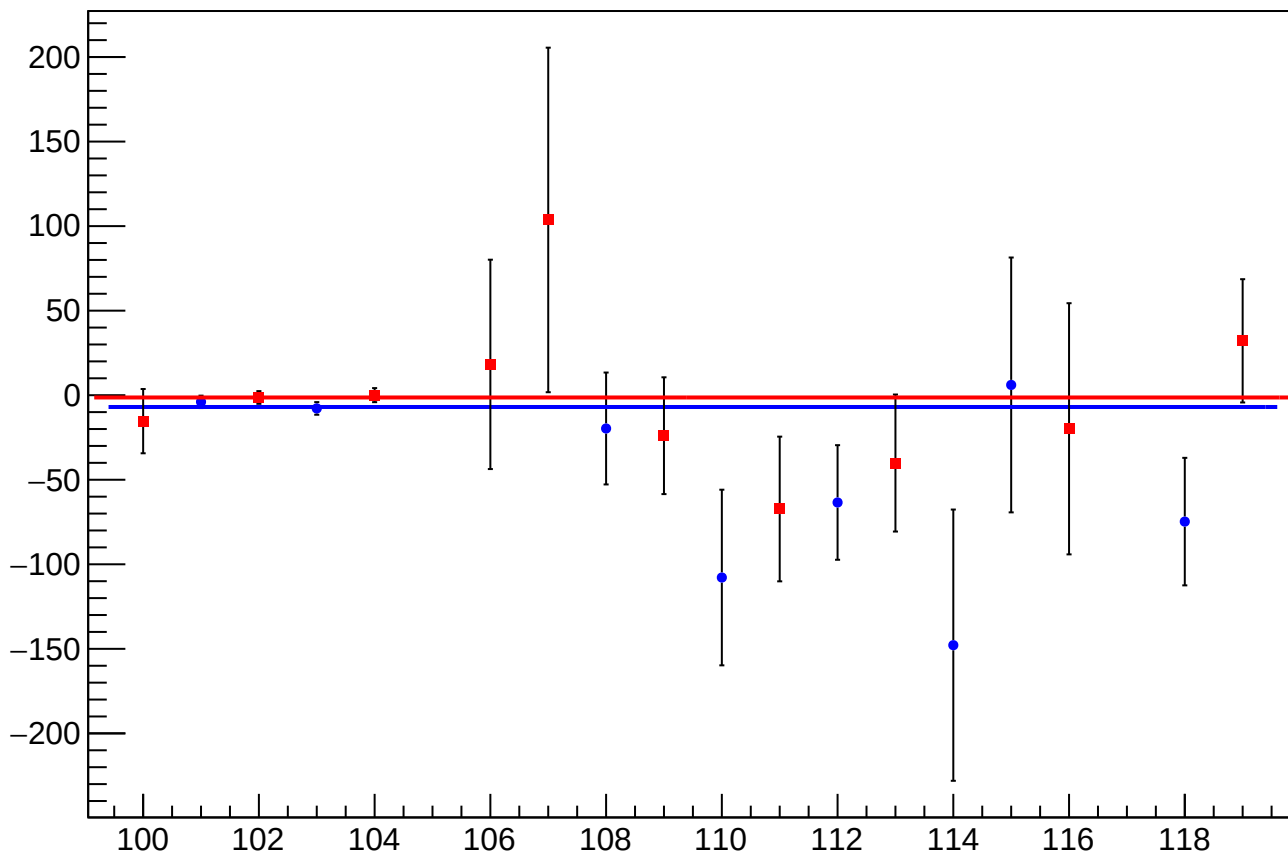
Right: 3132.705+/-0.900 χ^2/NDF : 1560190.8/17

In: 3240.175+/-1.375 χ^2/NDF : 432747.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3132.705+/-0.900 χ^2/NDF : 1560190.8/17

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.972+/-2.587 χ^2/NDF : 13.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.341+/-2.723 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

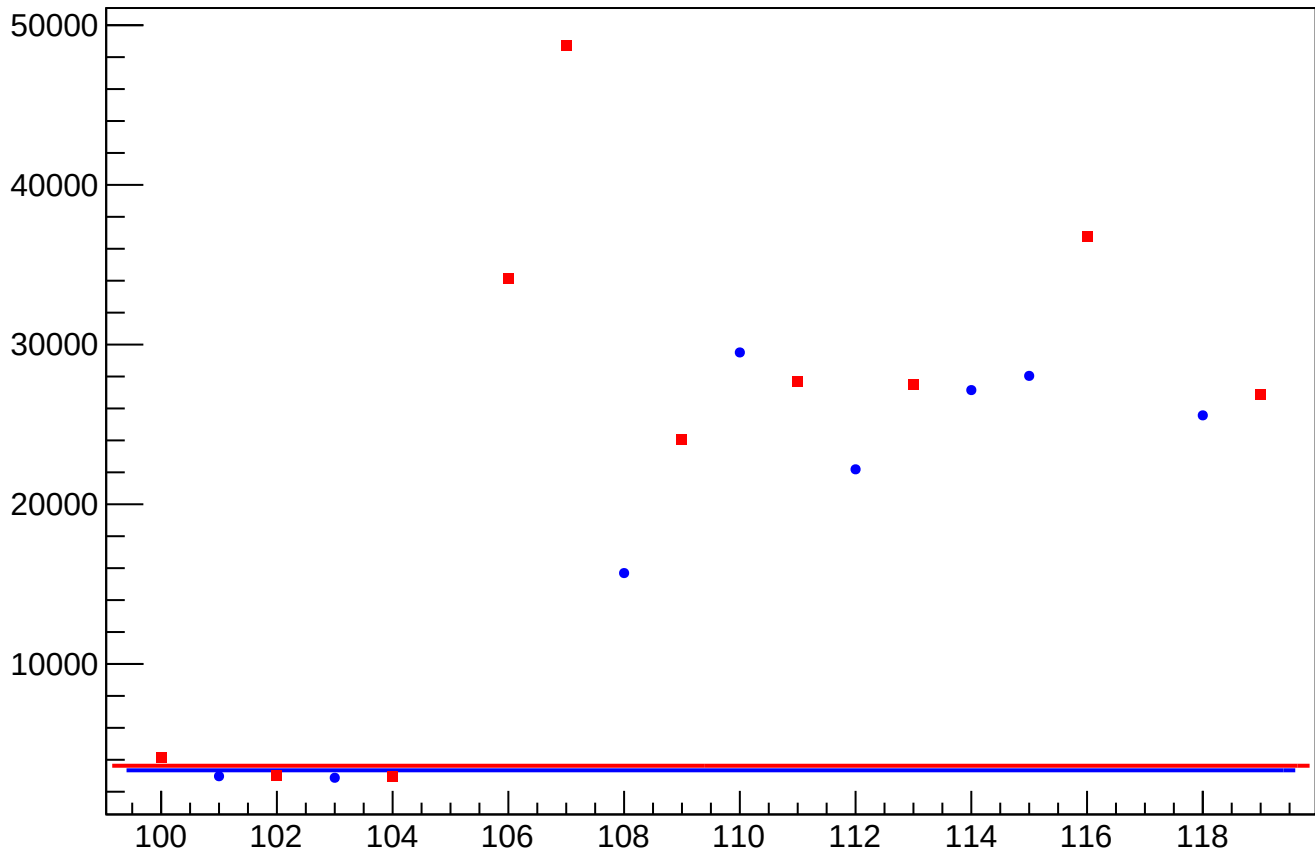
Right: -4.300+/-1.876 χ^2/NDF : 22.5/17

In: -6.972+/-2.587 χ^2/NDF : 13.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.300+/-1.876 χ^2/NDF : 22.5/17

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 3341.279+/-1.830 χ^2/NDF : 2542603.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3626.857+/-1.925 χ^2/NDF : 4221941.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

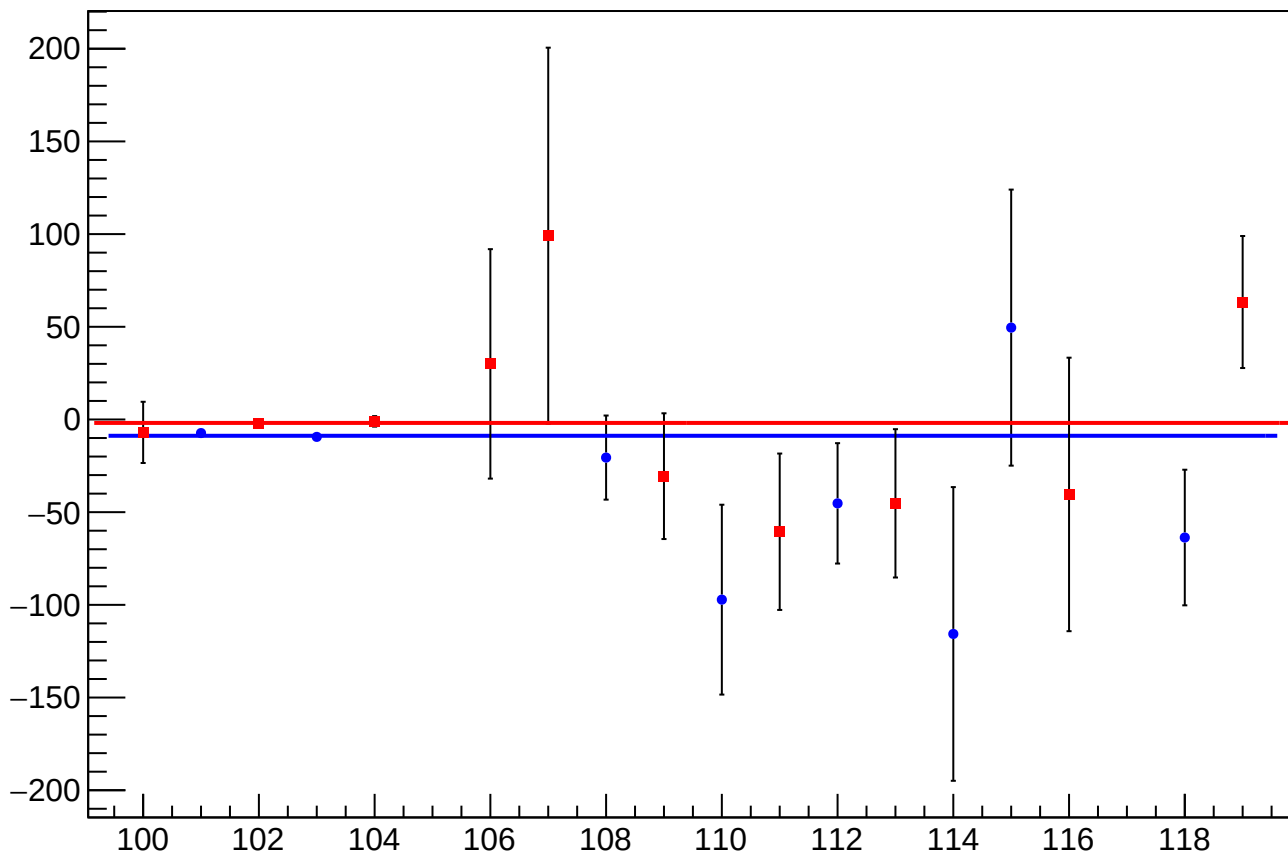
Right: 3476.808+/-1.326 χ^2/NDF : 6776107.6/17

In: 3341.279+/-1.830 χ^2/NDF : 2542603.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3476.808+/-1.326 χ^2/NDF : 6776107.6/17

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.798+/-1.777 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.860+/-1.879 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

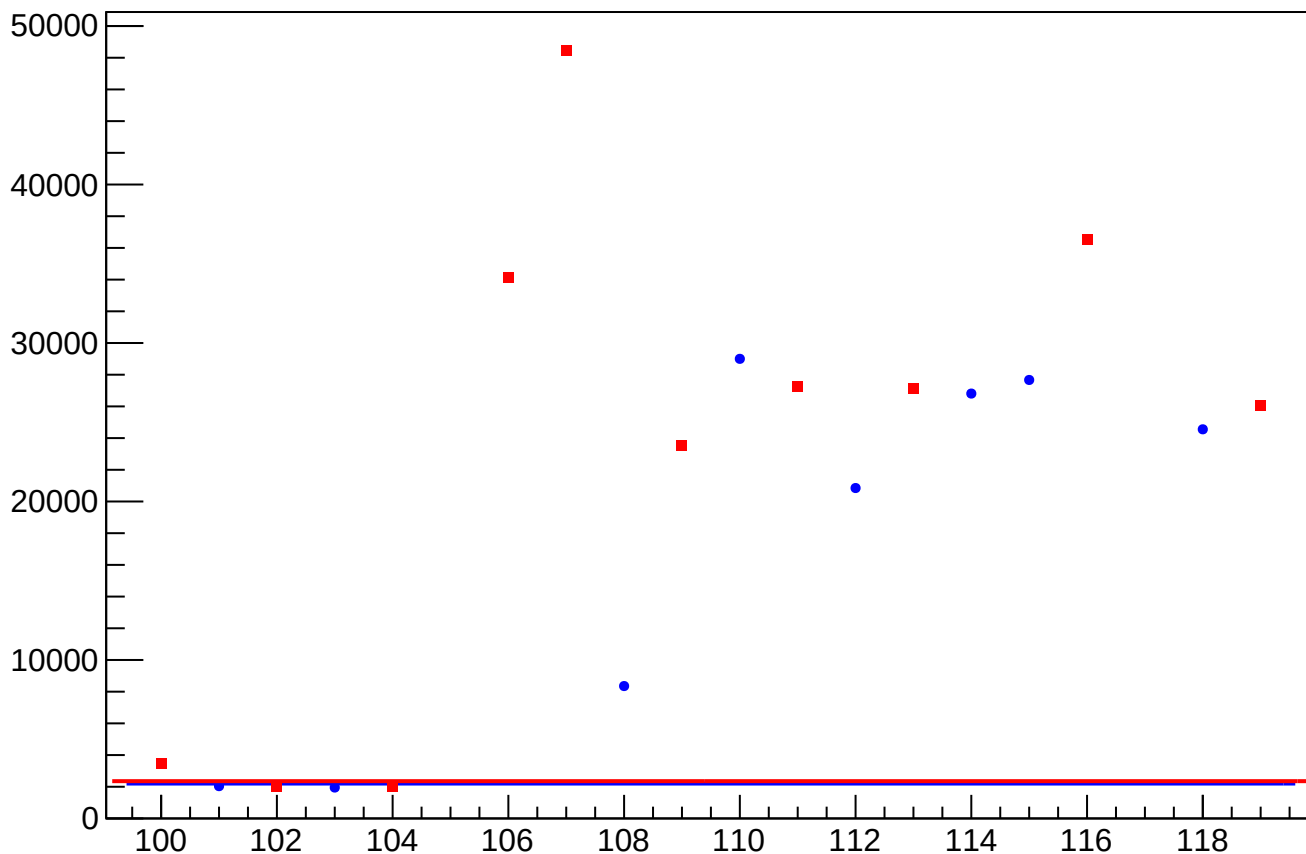
Right: -5.522+/-1.291 χ^2/NDF : 25.7/17

In: -8.798+/-1.777 χ^2/NDF :9.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.522+/-1.291 χ^2/NDF : 25.7/17

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2203.419+/-1.257 χ^2/NDF : 2556402.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2352.972+/-1.329 χ^2/NDF : 4569330.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

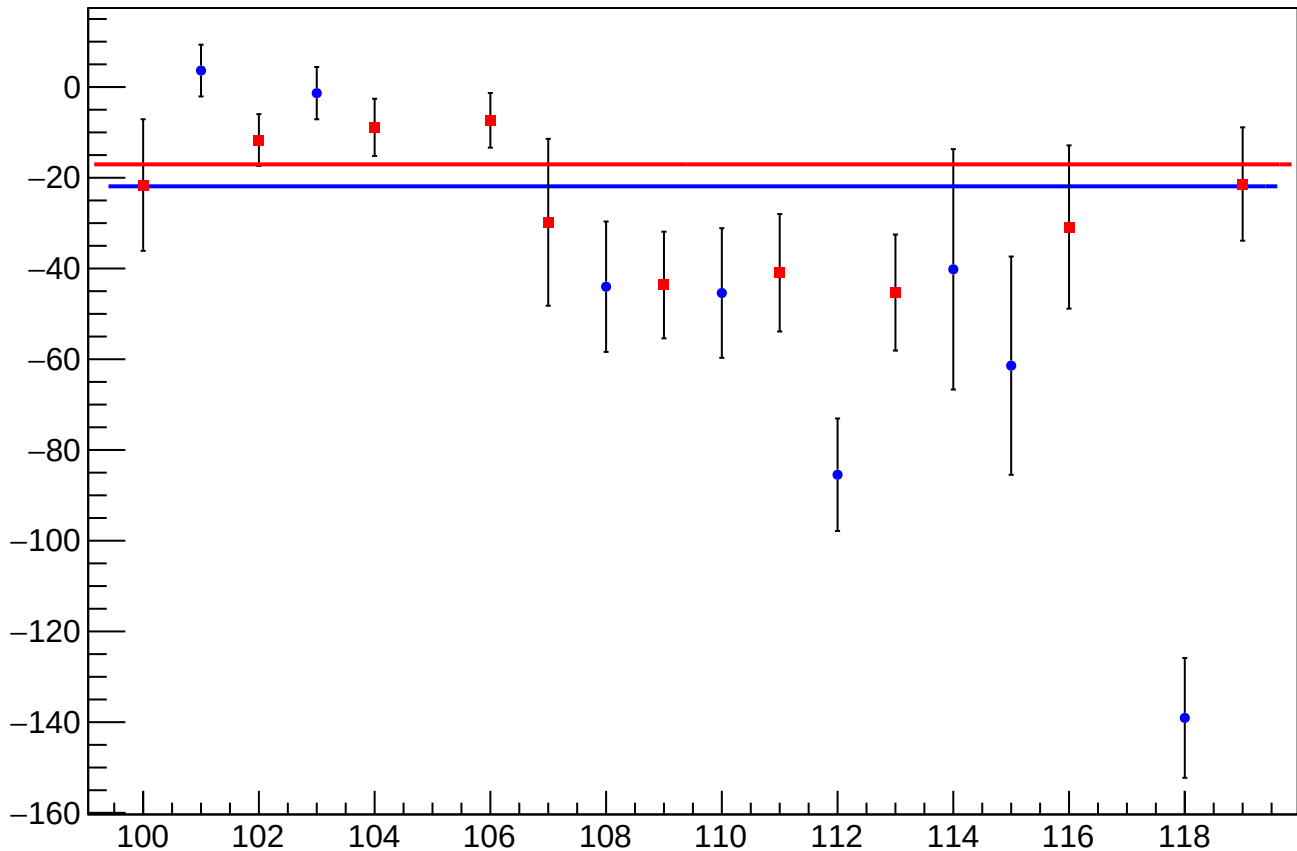
Right: 2274.028+/-0.913 χ^2/NDF : 7132420.6/17

In: 2203.419+/-1.257 χ^2/NDF : 2556402.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.028+/-0.913 χ^2/NDF : 7132420.6/17

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -21.888+/-3.411 χ^2/NDF : 145.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.049+/-2.888 χ^2/NDF : 19.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

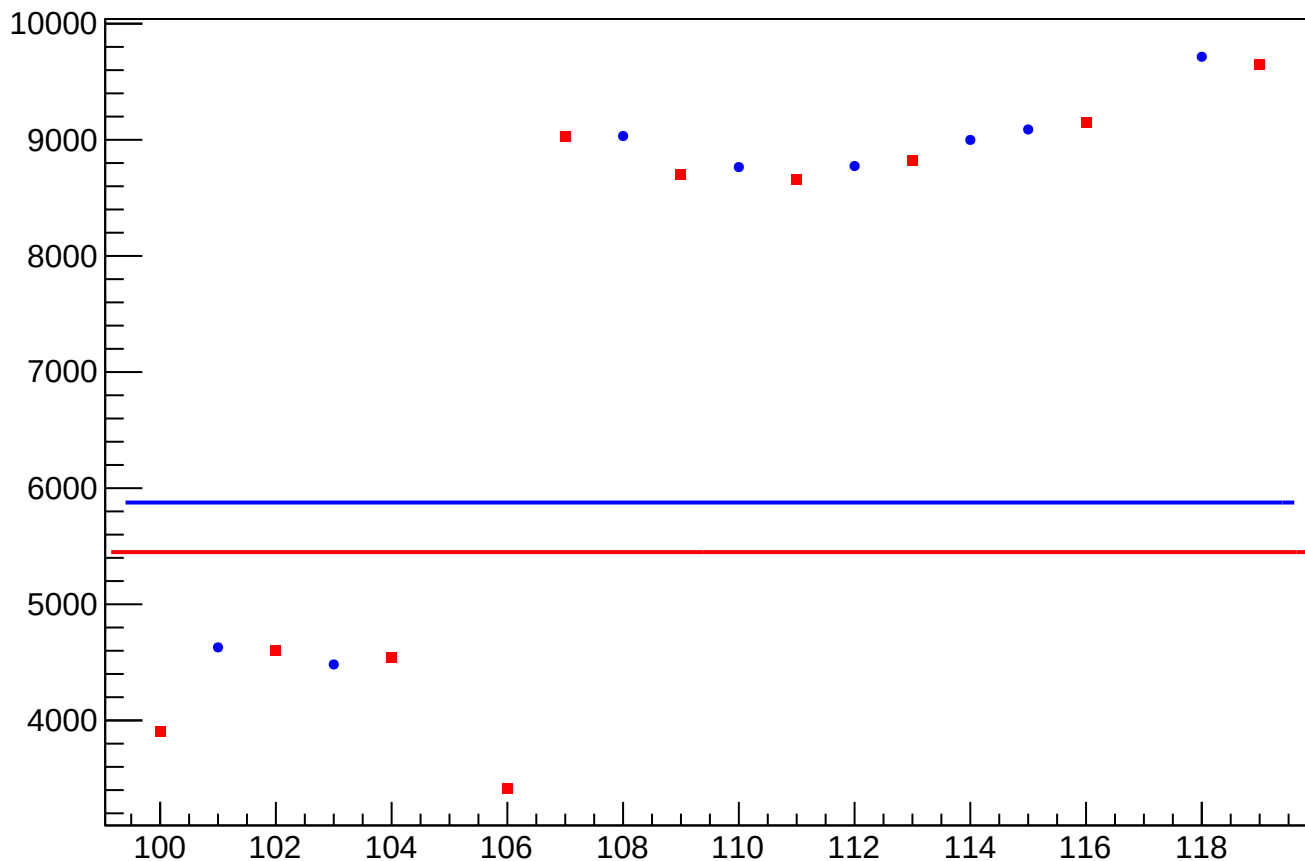
Right: -19.069+/-2.204 χ^2/NDF : 166.9/17

In: -21.888+/-3.411 χ^2/NDF : 145.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.069+/-2.204 χ^2/NDF : 166.9/17

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 5876.460+/-2.412 χ^2/NDF : 732523.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5449.184+/-2.042 χ^2/NDF : 1137059.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

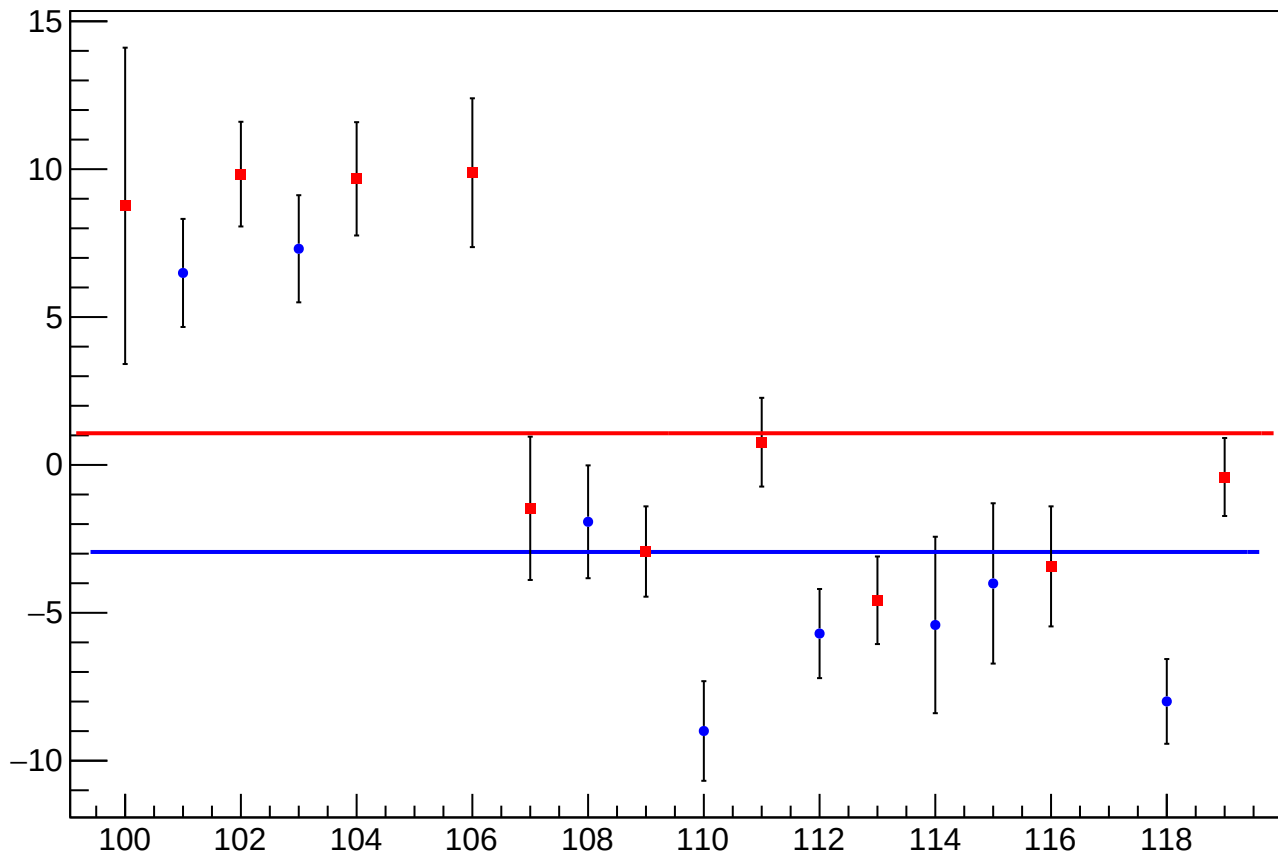
Right: 5627.555+/-1.558 χ^2/NDF : 1887863.1/17

In: 5876.460+/-2.412 χ^2/NDF : 732523.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5627.555+/-1.558 χ^2/NDF : 1887863.1/17

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.943+/-0.644 χ^2/NDF : 88.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.071+/-0.568 χ^2/NDF : 87.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

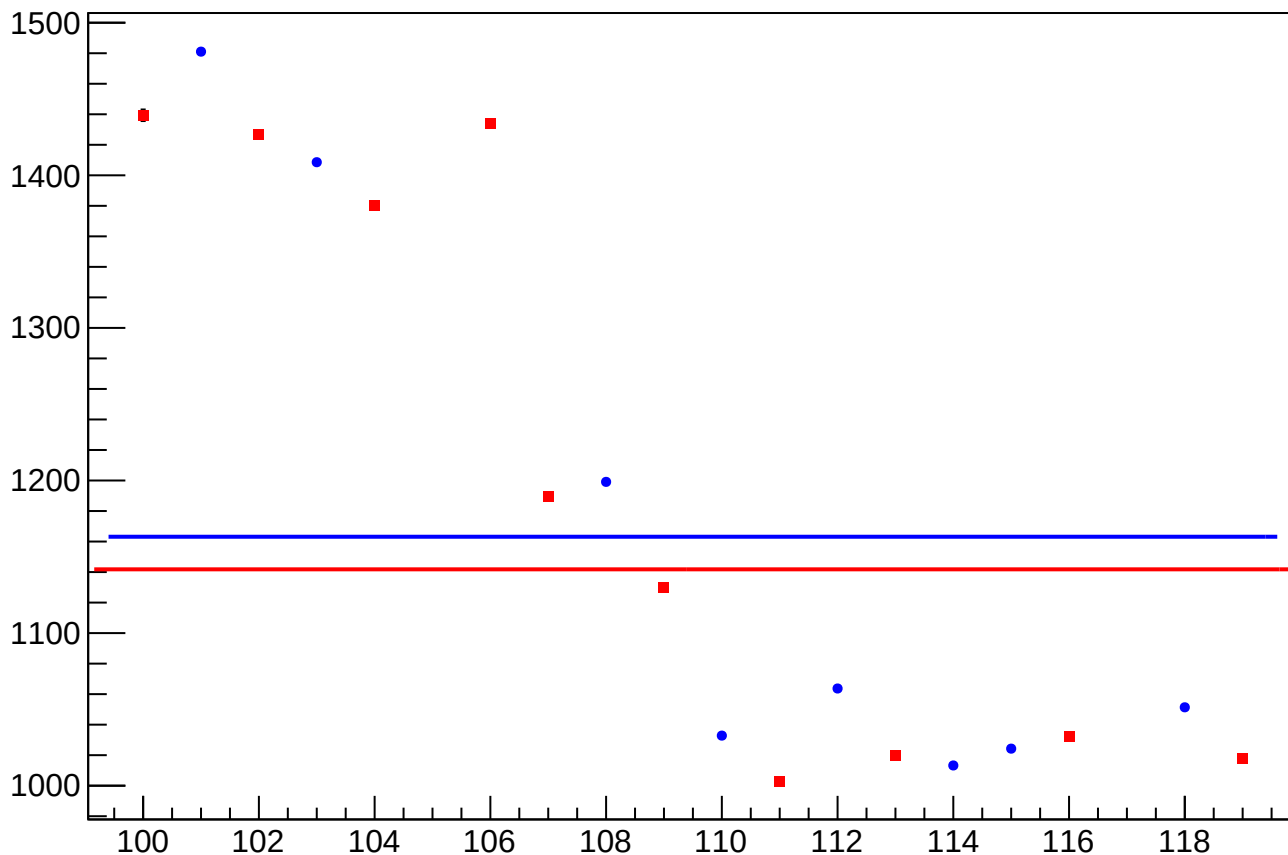
Right: -0.683+/-0.426 χ^2/NDF : 198.1/17

In: -2.943+/-0.644 χ^2/NDF :88.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.683+/-0.426 χ^2/NDF : 198.1/17

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1163.151+/-0.456 χ^2/NDF : 141149.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1141.788+/-0.401 χ^2/NDF : 171056.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

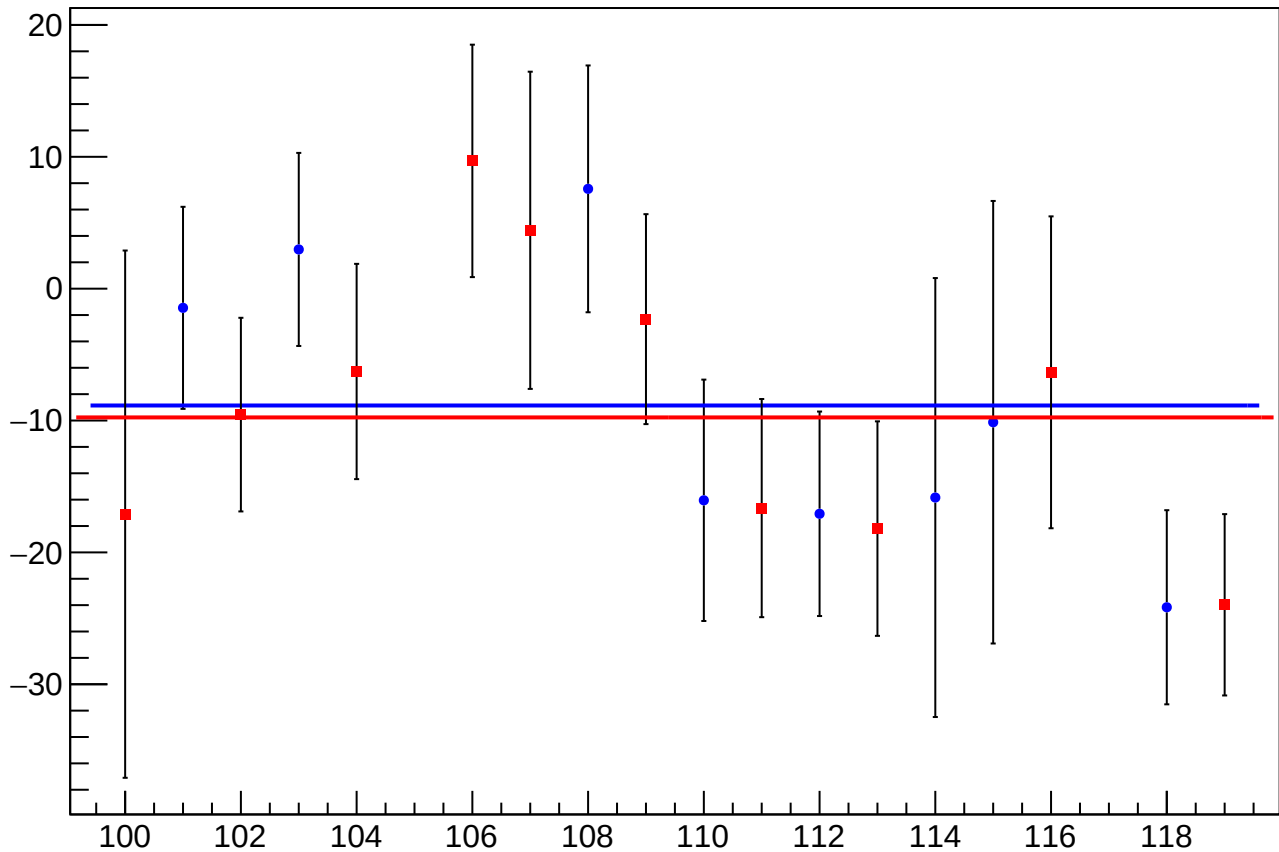
Right: 1151.123+/-0.301 χ^2/NDF : 313442.7/17

In: 1163.151+/-0.456 χ^2/NDF : 141149.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1151.123+/-0.301 χ^2/NDF : 313442.7/17

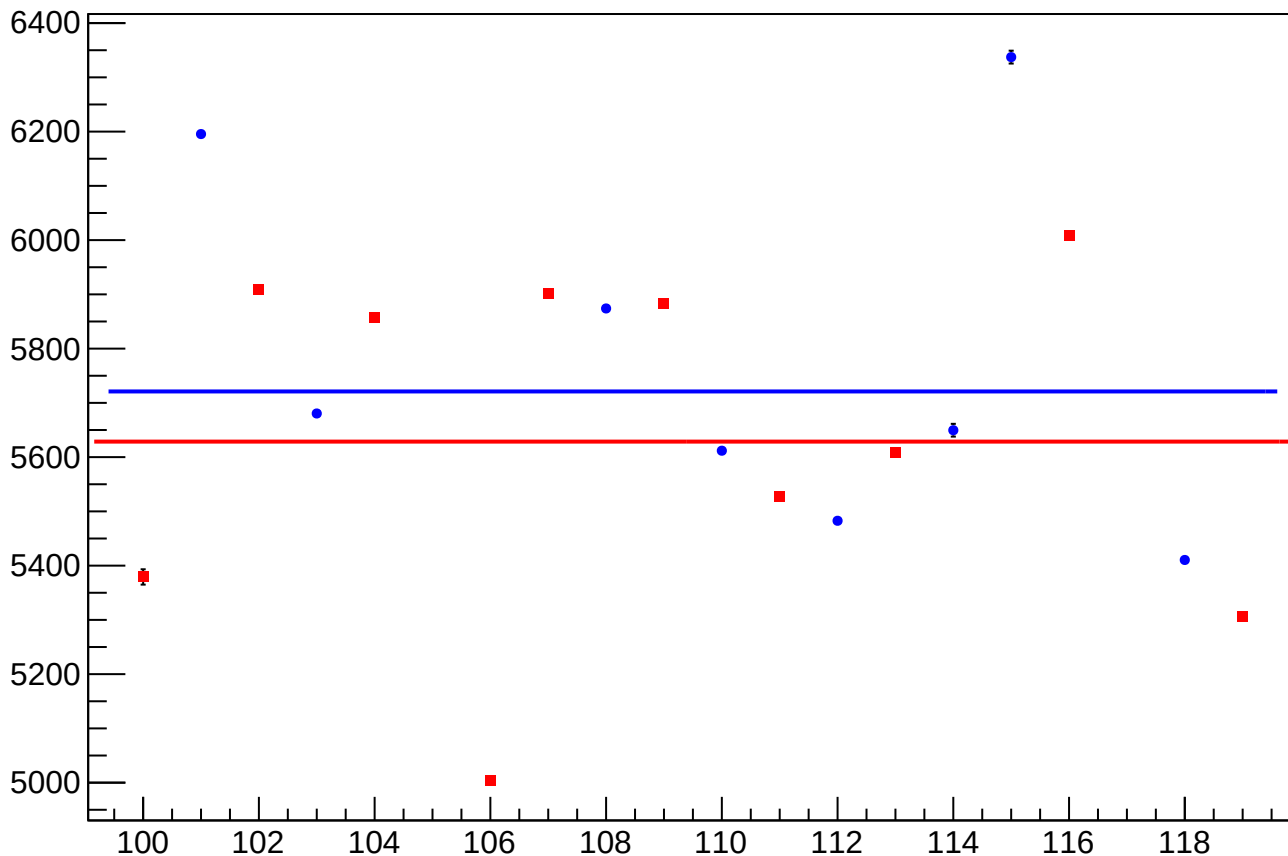
diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -8.859+/-3.142 χ^2/NDF : 12.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -9.764+/-2.777 χ^2/NDF : 13.6/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -9.367+/-2.081 χ^2/NDF : 26.5/17
 In: -8.859+/-3.142 χ^2/NDF : 12.9/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -9.367+/-2.081 χ^2/NDF : 26.5/17

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 5721.062+/-2.222 χ^2/NDF : 16733.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5628.615+/-1.964 χ^2/NDF : 24657.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

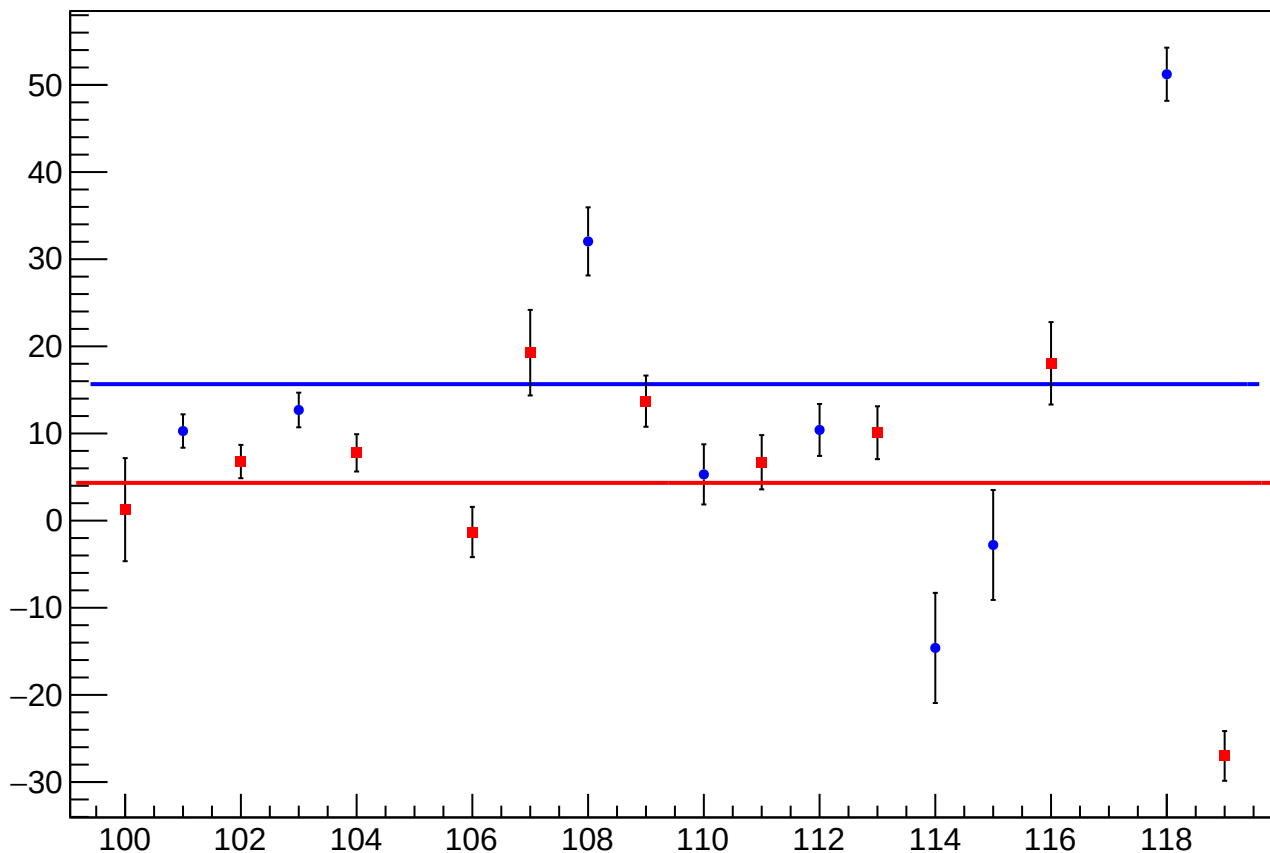
Right: 5669.163+/-1.471 χ^2/NDF : 42362.9/17

In: 5721.062+/-2.222 χ^2/NDF : 16733.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5669.163+/-1.471 χ^2/NDF : 42362.9/17

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 15.662 $\pm$ 1.029 χ^2 /NDF: 207.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.332 $\pm$ 0.921 χ^2 /NDF: 160.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

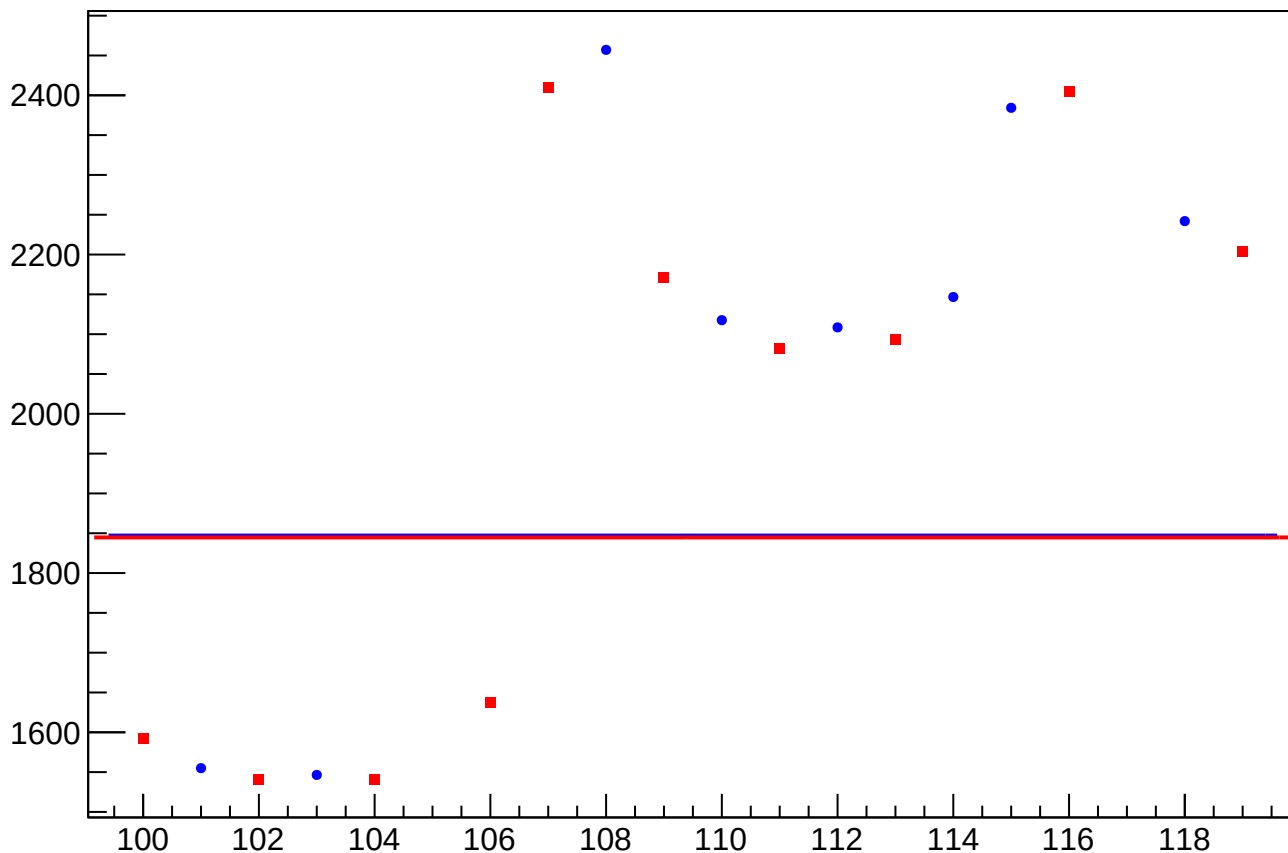
Right: 9.375 $\pm$ 0.686 χ^2 /NDF: 435.4/17

In: 15.662 $\pm$ 1.029 χ^2 /NDF: 207.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.375 $\pm$ 0.686 χ^2 /NDF: 435.4/17

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1847.046+/-0.728 χ^2/NDF : 221066.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1844.723+/-0.652 χ^2/NDF : 240952.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

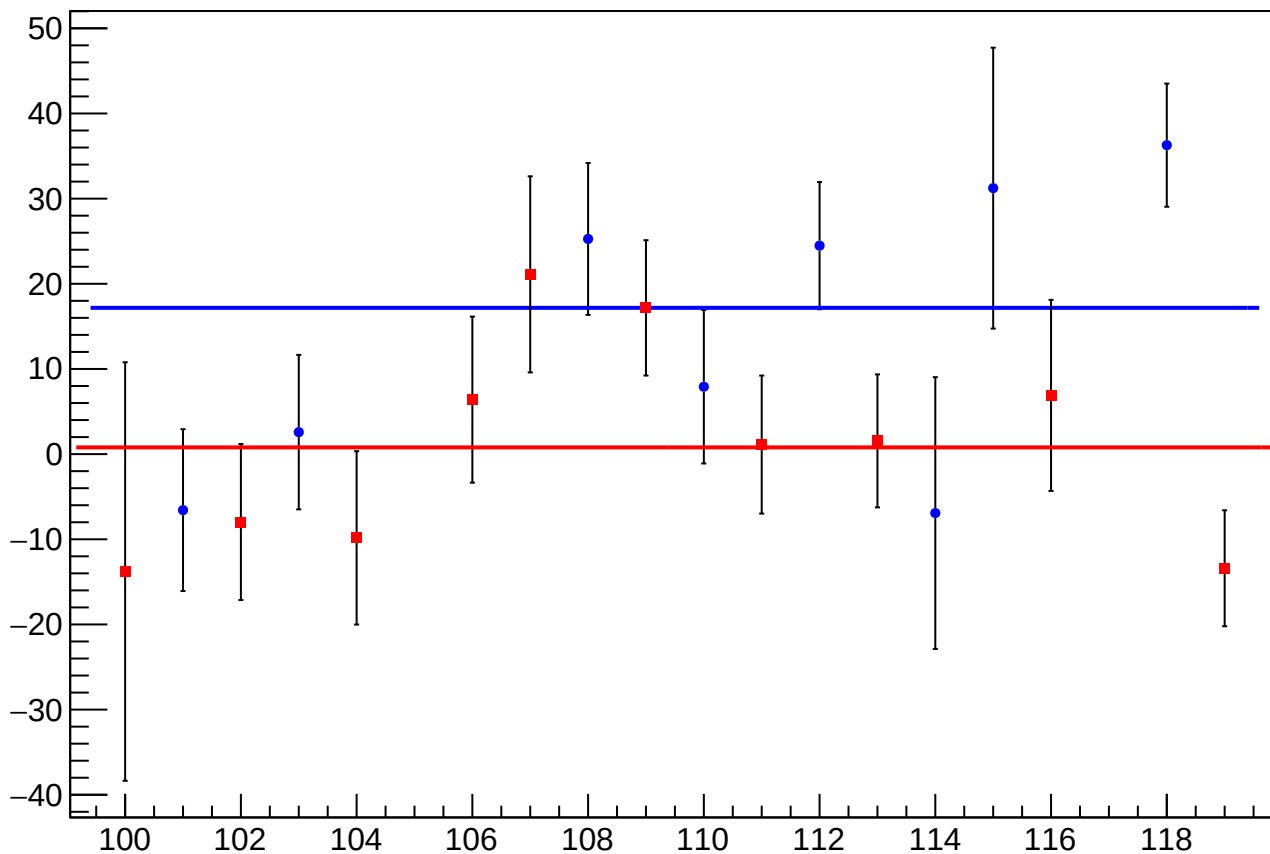
Right: 1845.757+/-0.485 χ^2/NDF : 462025.3/17

In: 1847.046+/-0.728 χ^2/NDF : 221066.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1845.757+/-0.485 χ^2/NDF : 462025.3/17

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 17.179+/-3.283 χ^2/NDF : 21.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.791+/-2.908 χ^2/NDF : 14.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

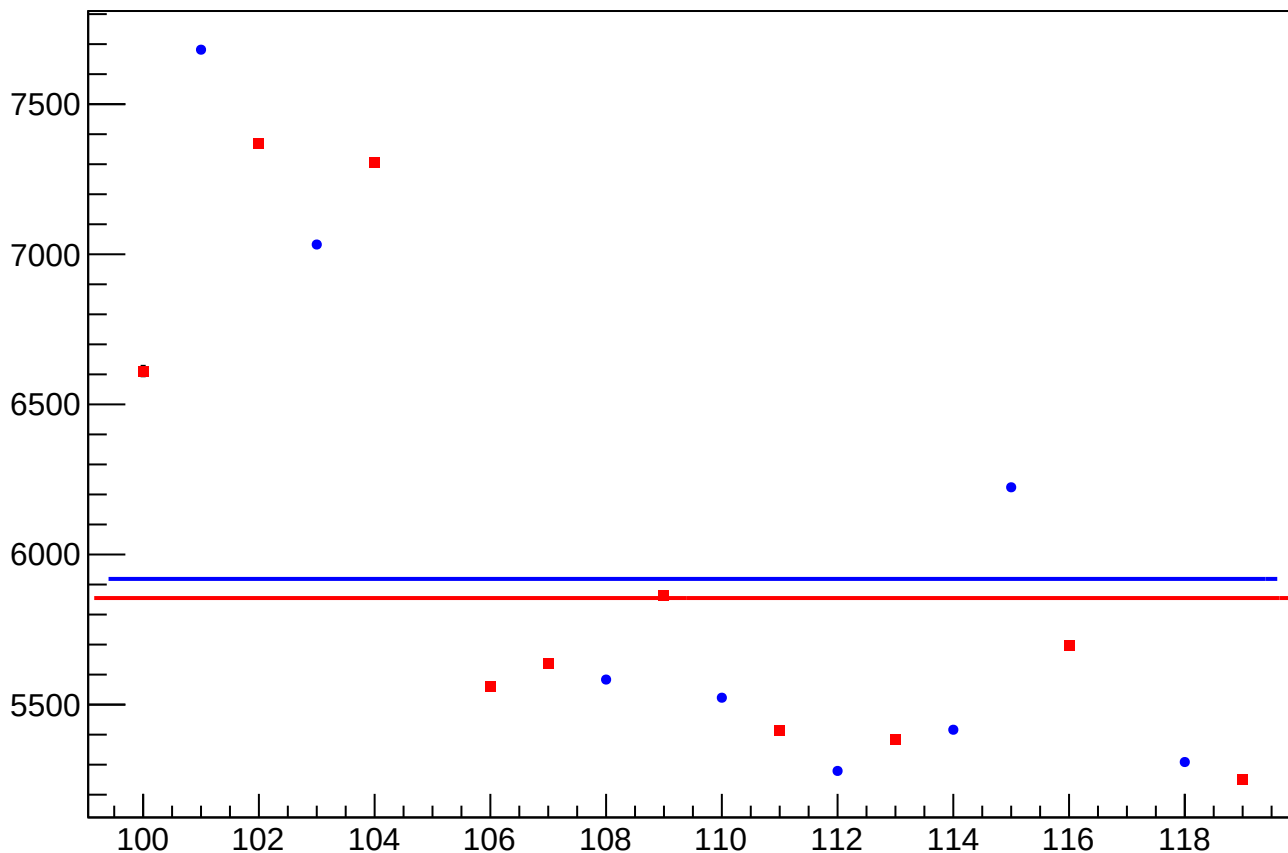
Right: 7.996+/-2.177 χ^2/NDF : 50.3/17

In: 17.179+/-3.283 χ^2/NDF : 21.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.996+/-2.177 χ^2/NDF : 50.3/17

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 5918.712+/-2.321 χ^2/NDF : 137276.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5854.980+/-2.056 χ^2/NDF : 129097.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

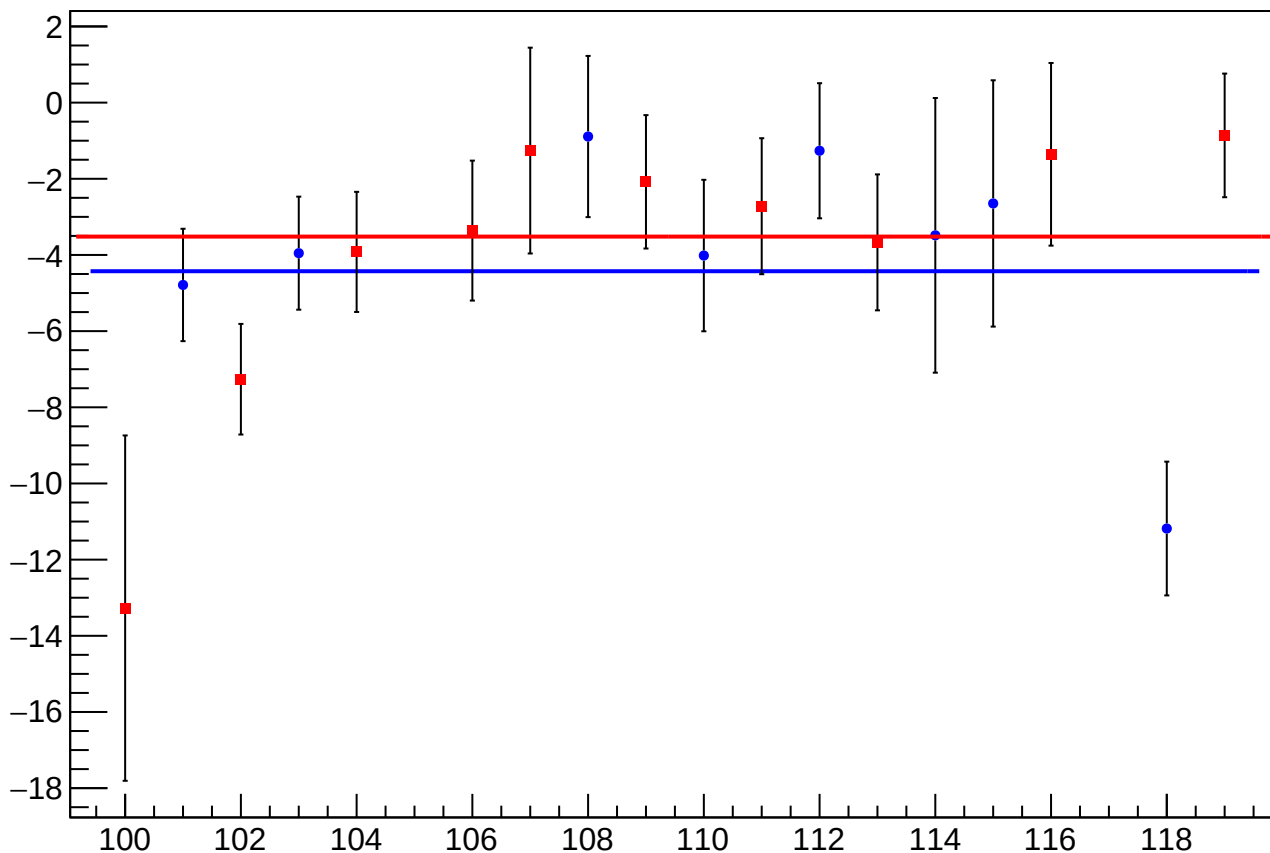
Right: 5882.998+/-1.539 χ^2/NDF : 266796.1/17

In: 5918.712+/-2.321 χ^2/NDF : 137276.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5882.998+/-1.539 χ^2/NDF : 266796.1/17

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -4.427+/-0.674 χ^2/NDF : 21.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.518+/-0.591 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

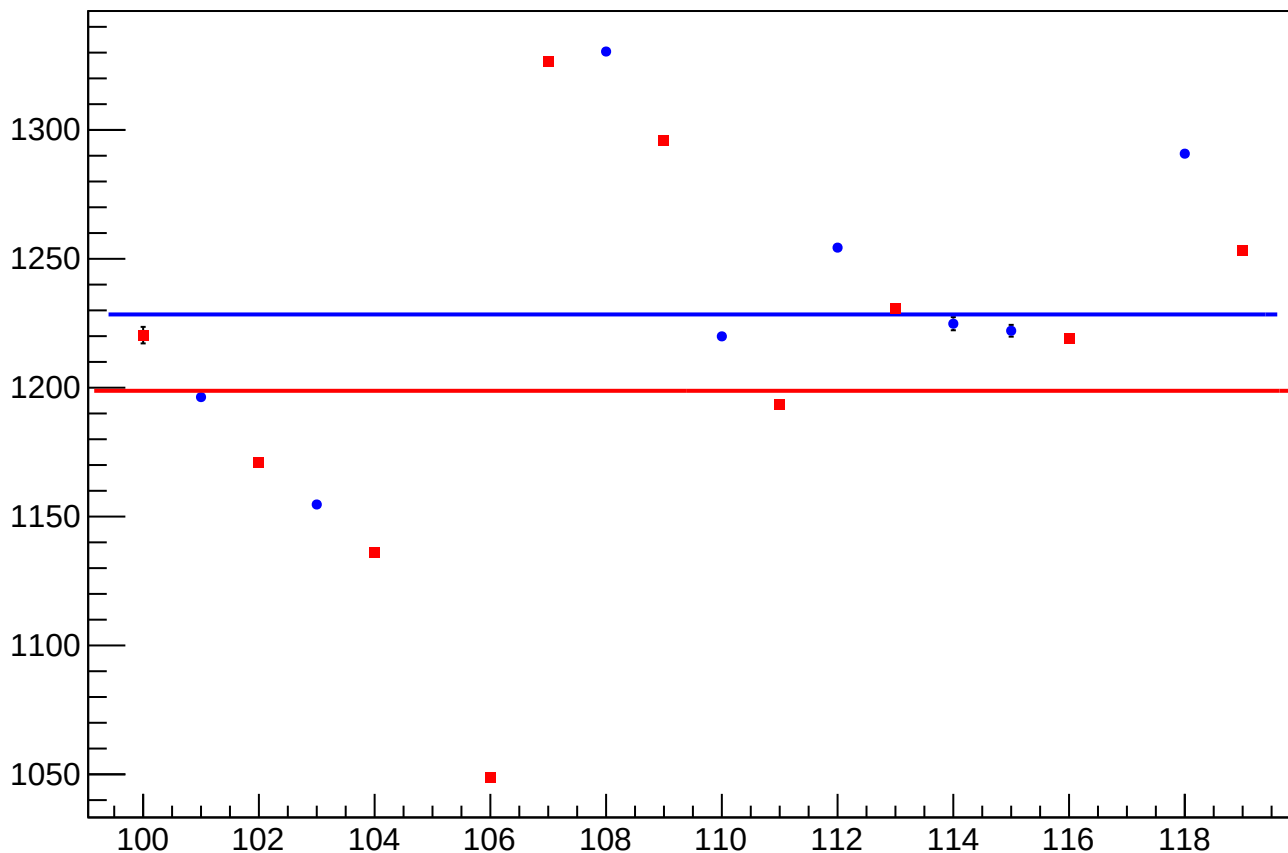
Right: -3.913+/-0.444 χ^2/NDF : 38.8/17

In: -4.427+/-0.674 χ^2/NDF : 21.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.913+/-0.444 χ^2/NDF : 38.8/17

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1228.419+/-0.476 χ^2/NDF : 13523.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1198.796+/-0.418 χ^2/NDF : 30981.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

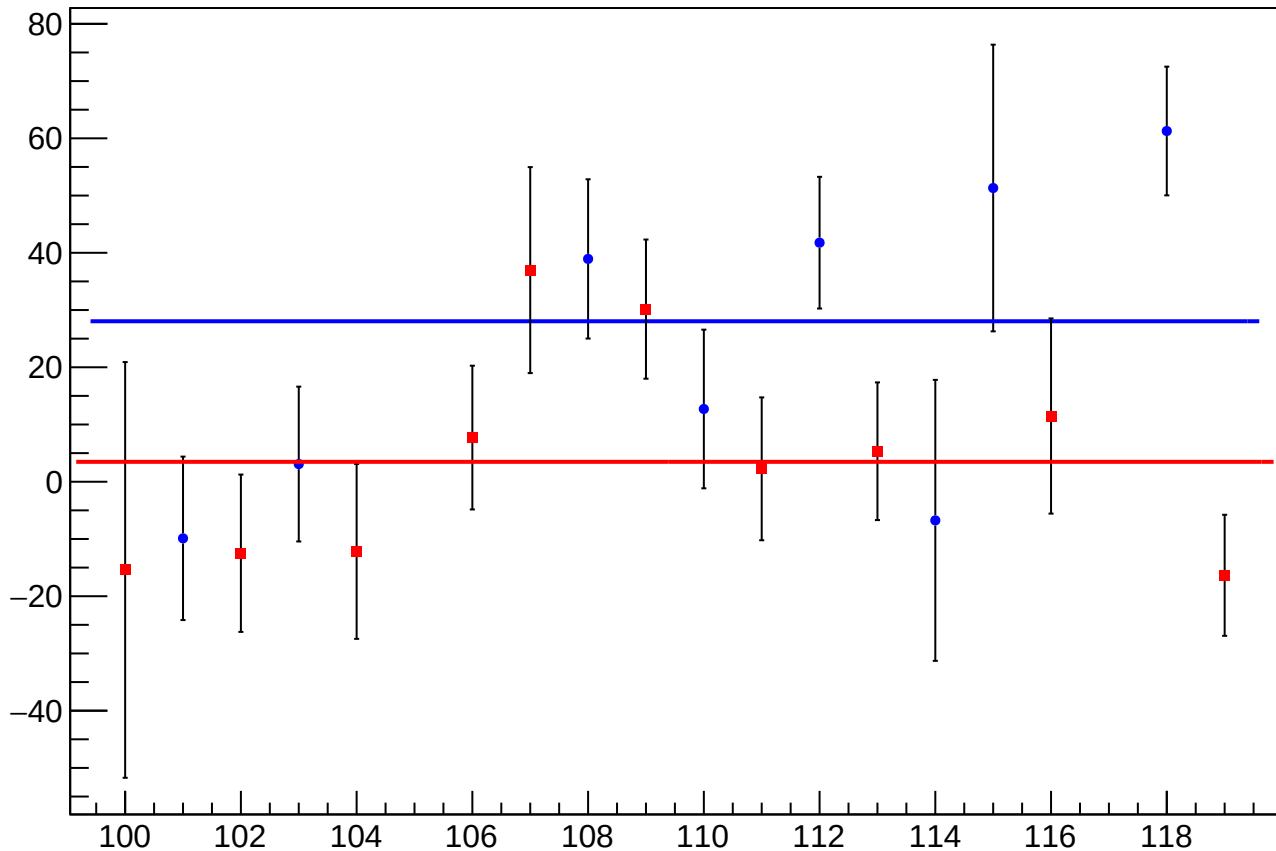
Right: 1211.677+/-0.314 χ^2/NDF : 46691.4/17

In: 1228.419+/-0.476 χ^2/NDF : 13523.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1211.677+/-0.314 χ^2/NDF : 46691.4/17

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 28.039+/-5.034 χ^2/NDF : 25.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.481+/-4.375 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

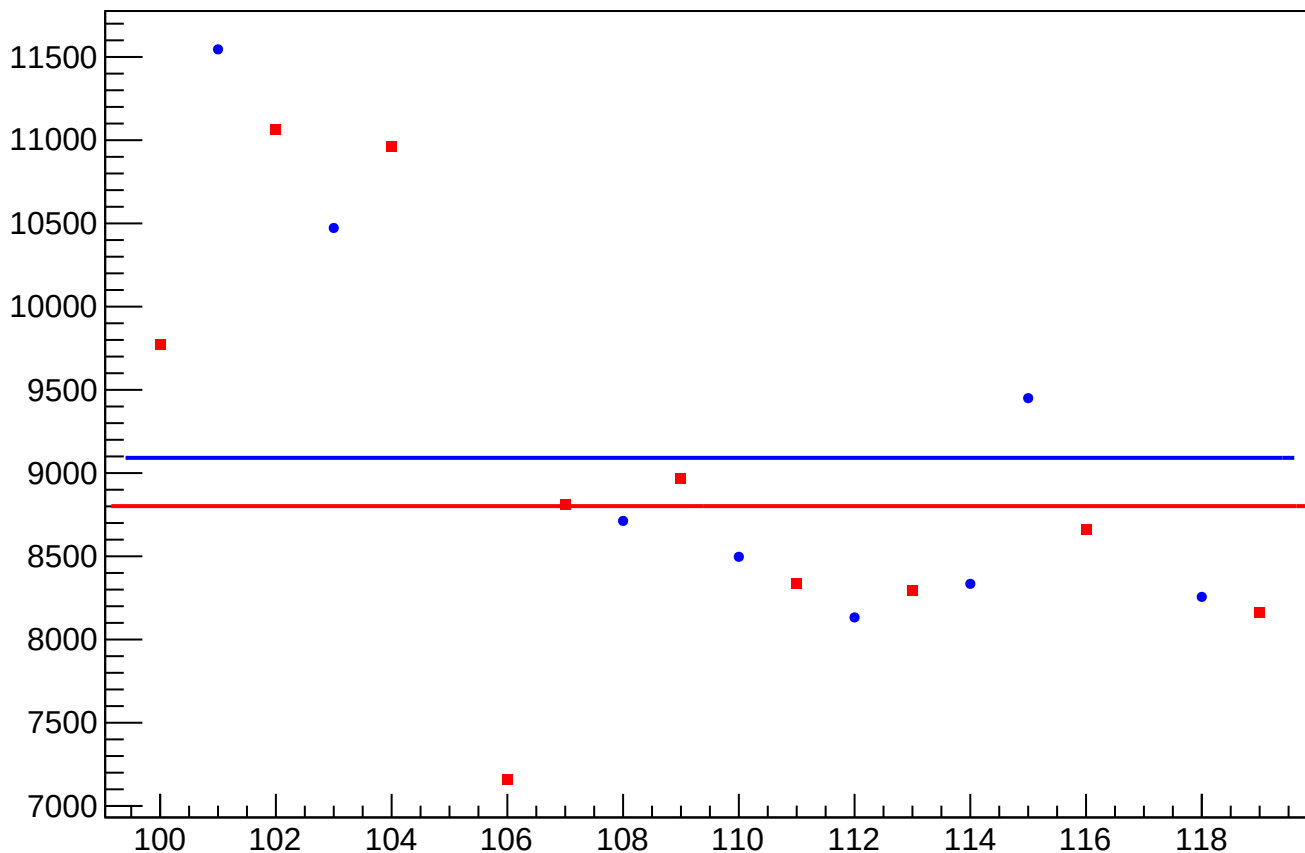
Right: 14.047+/-3.302 χ^2/NDF : 53.7/17

In: 28.039+/-5.034 χ^2/NDF : 25.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.047+/-3.302 χ^2/NDF : 53.7/17

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9091.578+/-3.560 χ^2/NDF : 112343.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8801.490+/-3.093 χ^2/NDF : 143885.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

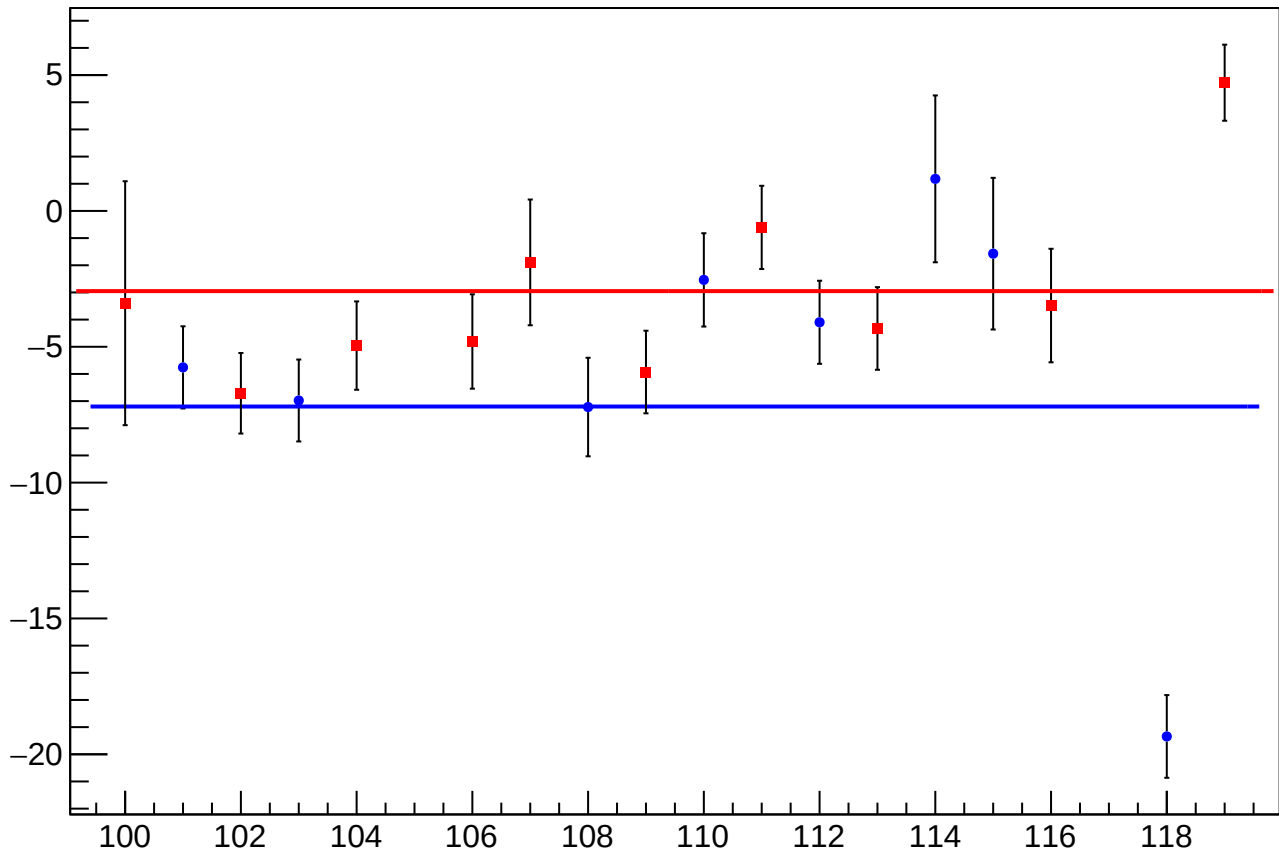
Right: 8926.304+/-2.335 χ^2/NDF : 260011.8/17

In: 9091.578+/-3.560 χ^2/NDF : 112343.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8926.304+/-2.335 χ^2/NDF : 260011.8/17

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -7.199 ± 0.618 χ^2/NDF : 87.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.951 ± 0.540 χ^2/NDF : 46.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

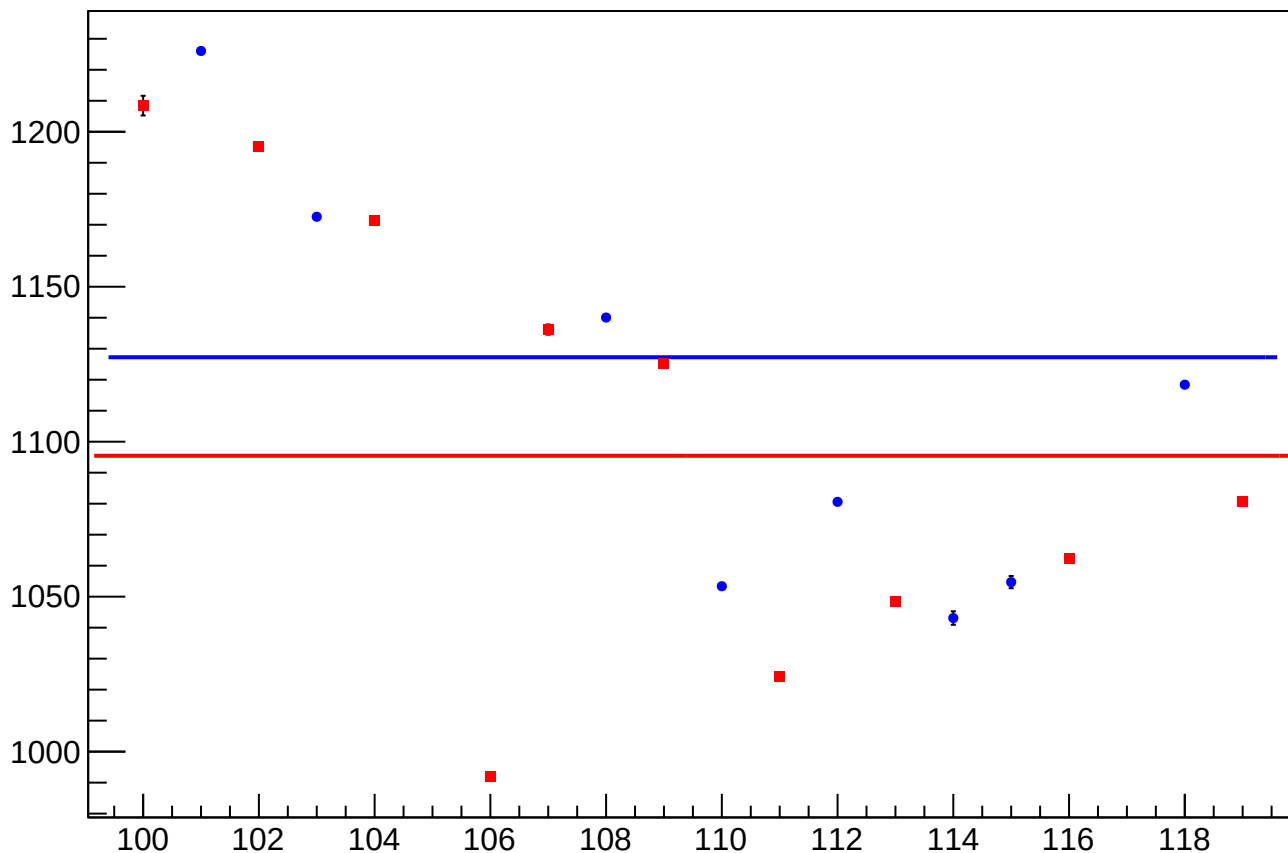
Right: -4.788 ± 0.407 χ^2/NDF : 160.7/17

In: -7.199 ± 0.618 χ^2/NDF : 87.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.788 ± 0.407 χ^2/NDF : 160.7/17

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1127.248+/-0.437 χ^2/NDF : 18937.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.464+/-0.382 χ^2/NDF : 30157.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

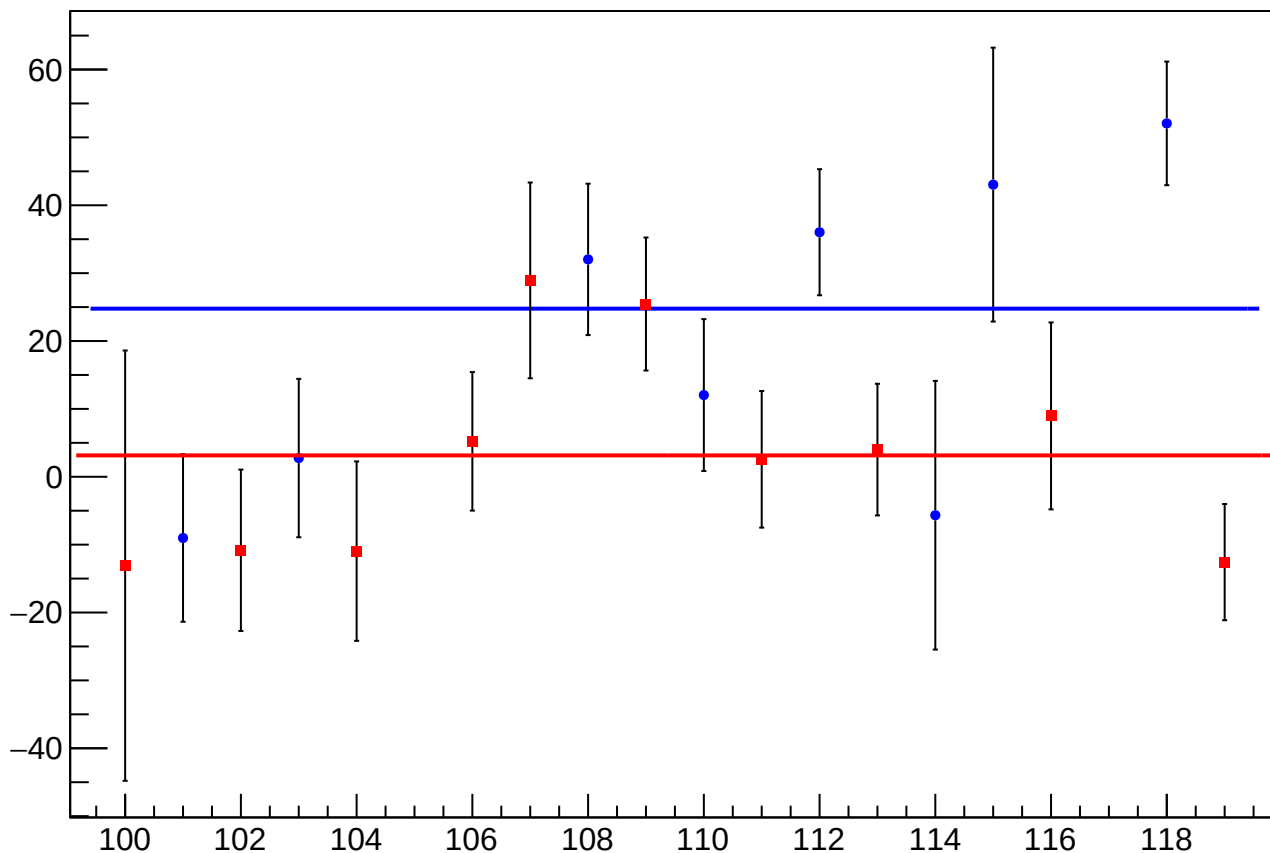
Right: 1109.210+/-0.288 χ^2/NDF : 52092.7/17

In: 1127.248+/-0.437 χ^2/NDF : 18937.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.210+/-0.288 χ^2/NDF : 52092.7/17

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 24.769+/-4.131 χ^2/NDF : 26.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.149+/-3.580 χ^2/NDF : 14.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

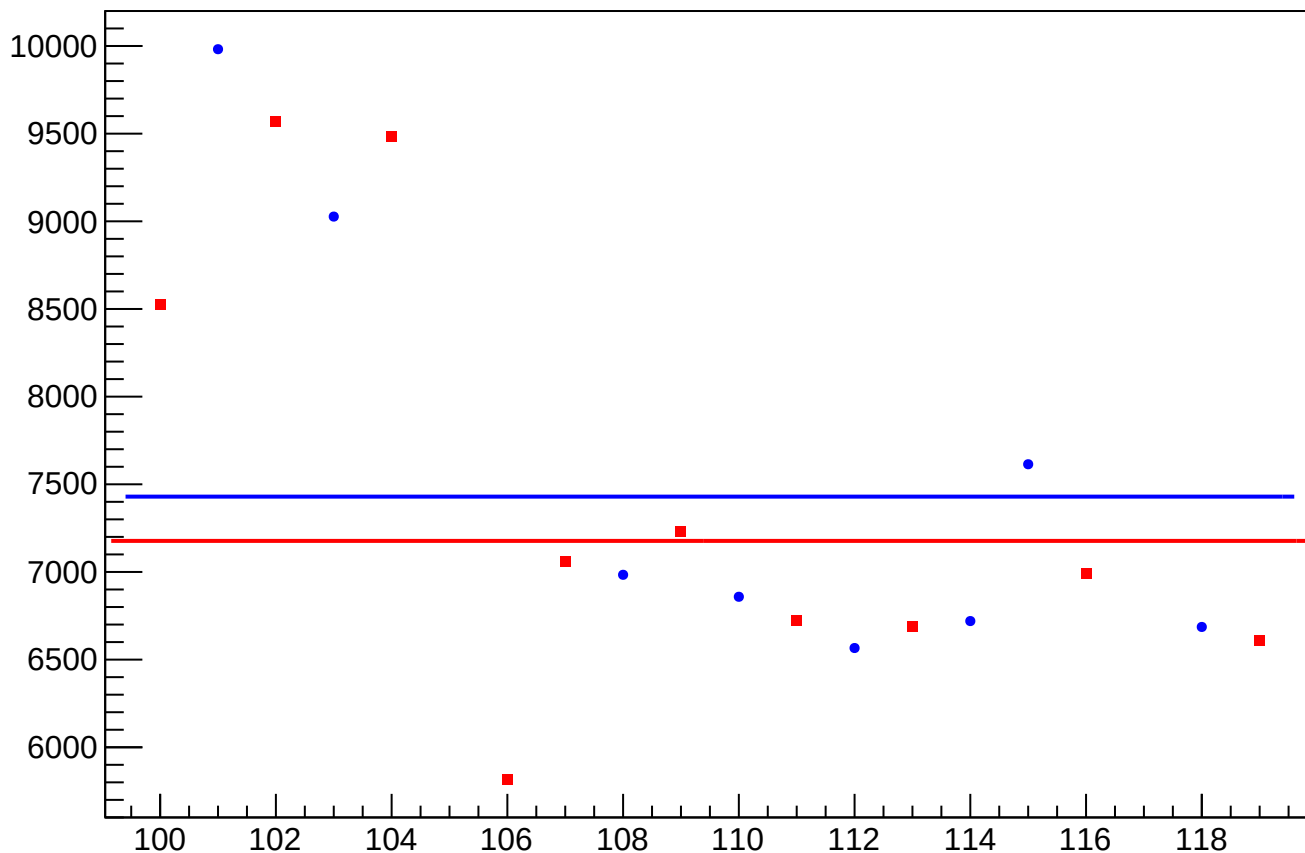
Right: 12.421+/-2.705 χ^2/NDF : 56.8/17

In: 24.769+/-4.131 χ^2/NDF : 26.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.421+/-2.705 χ^2/NDF : 56.8/17

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7429.712+/-2.921 χ^2/NDF : 164724.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7177.191+/-2.531 χ^2/NDF : 199661.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

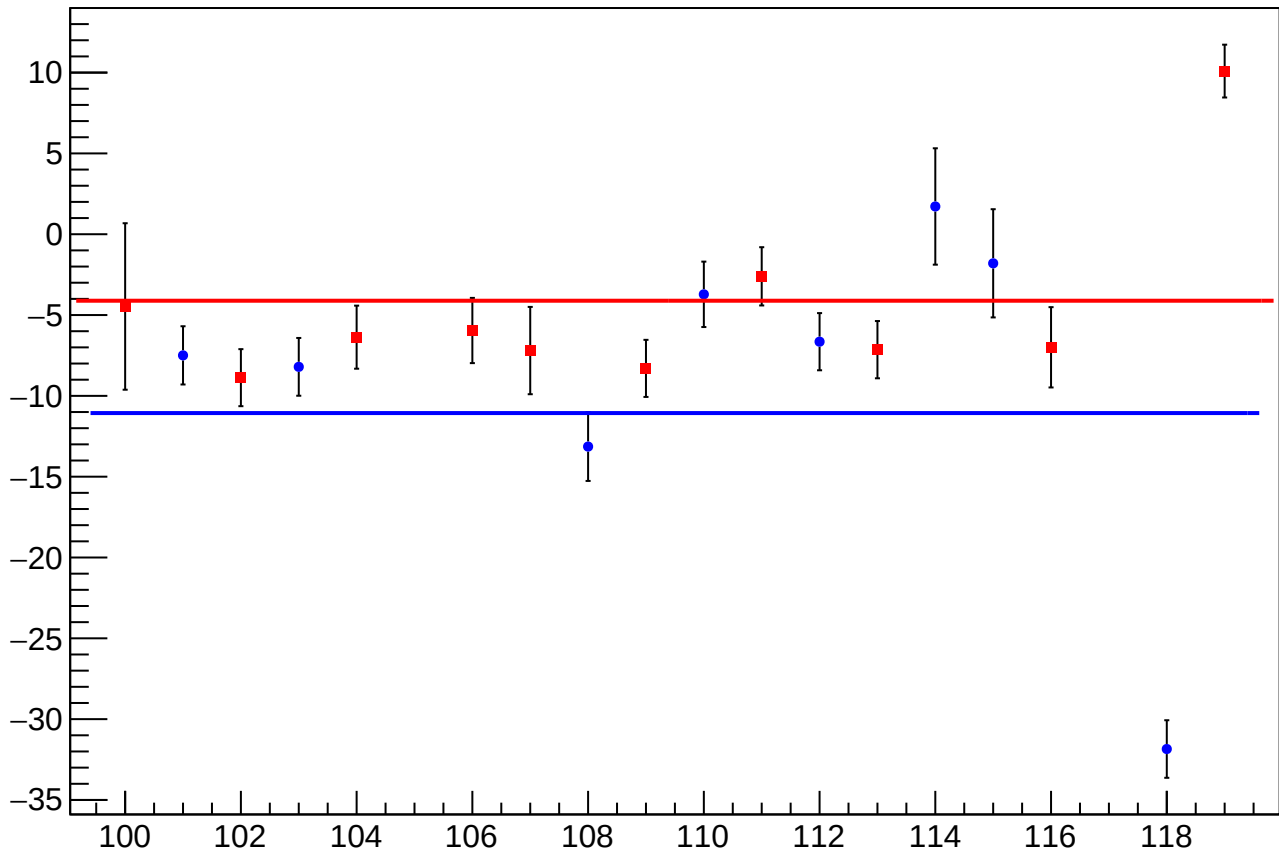
Right: 7285.490+/-1.913 χ^2/NDF : 368654.2/17

In: 7429.712+/-2.921 χ^2/NDF : 164724.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7285.490+/-1.913 χ^2/NDF : 368654.2/17

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -11.064 $\pm$ 0.728 χ^2 /NDF: 183.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.114 $\pm$ 0.634 χ^2 /NDF: 96.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

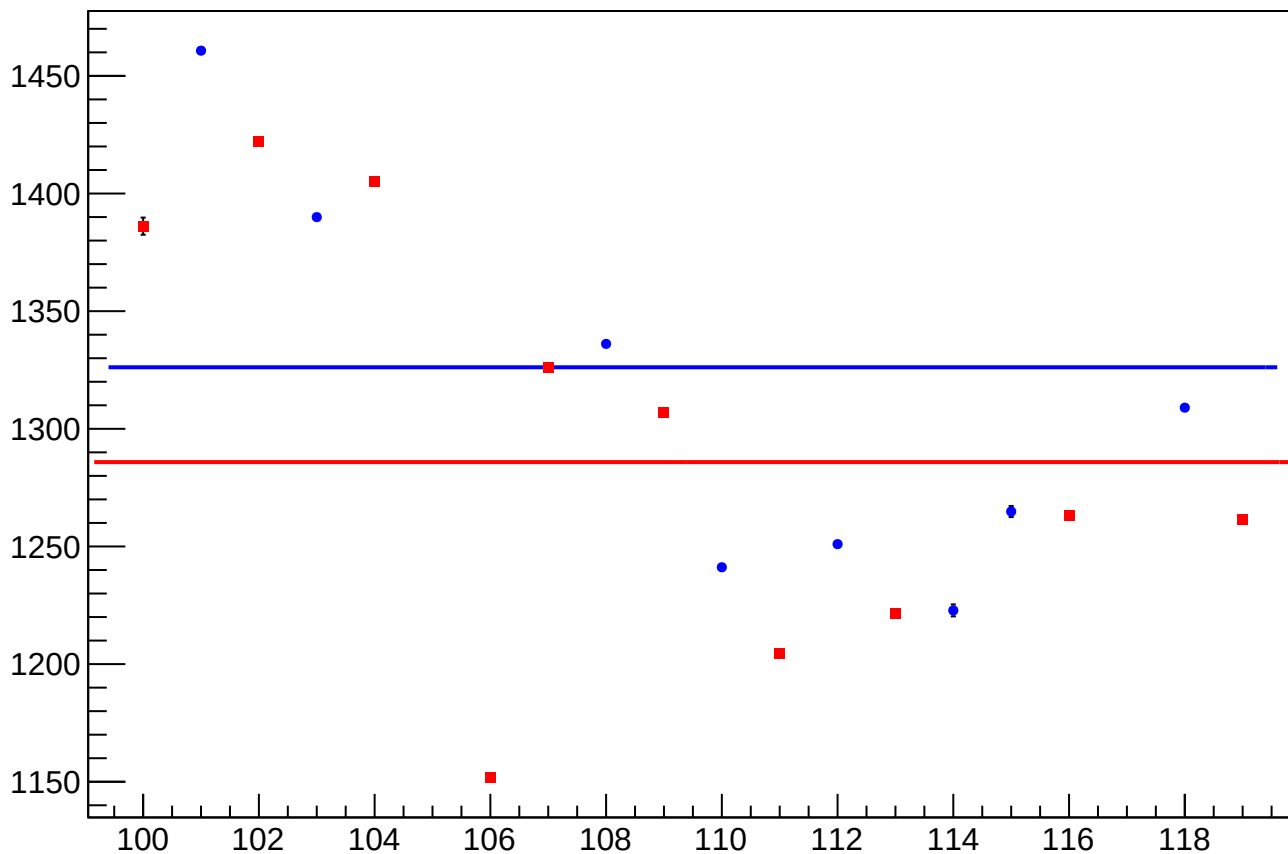
Right: -7.112 $\pm$ 0.478 χ^2 /NDF: 332.1/17

In: -11.064 $\pm$ 0.728 χ^2 /NDF:183.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.112 $\pm$ 0.478 χ^2 /NDF: 332.1/17

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1326.155+/-0.515 χ^2/NDF : 23397.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.848+/-0.448 χ^2/NDF : 37037.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

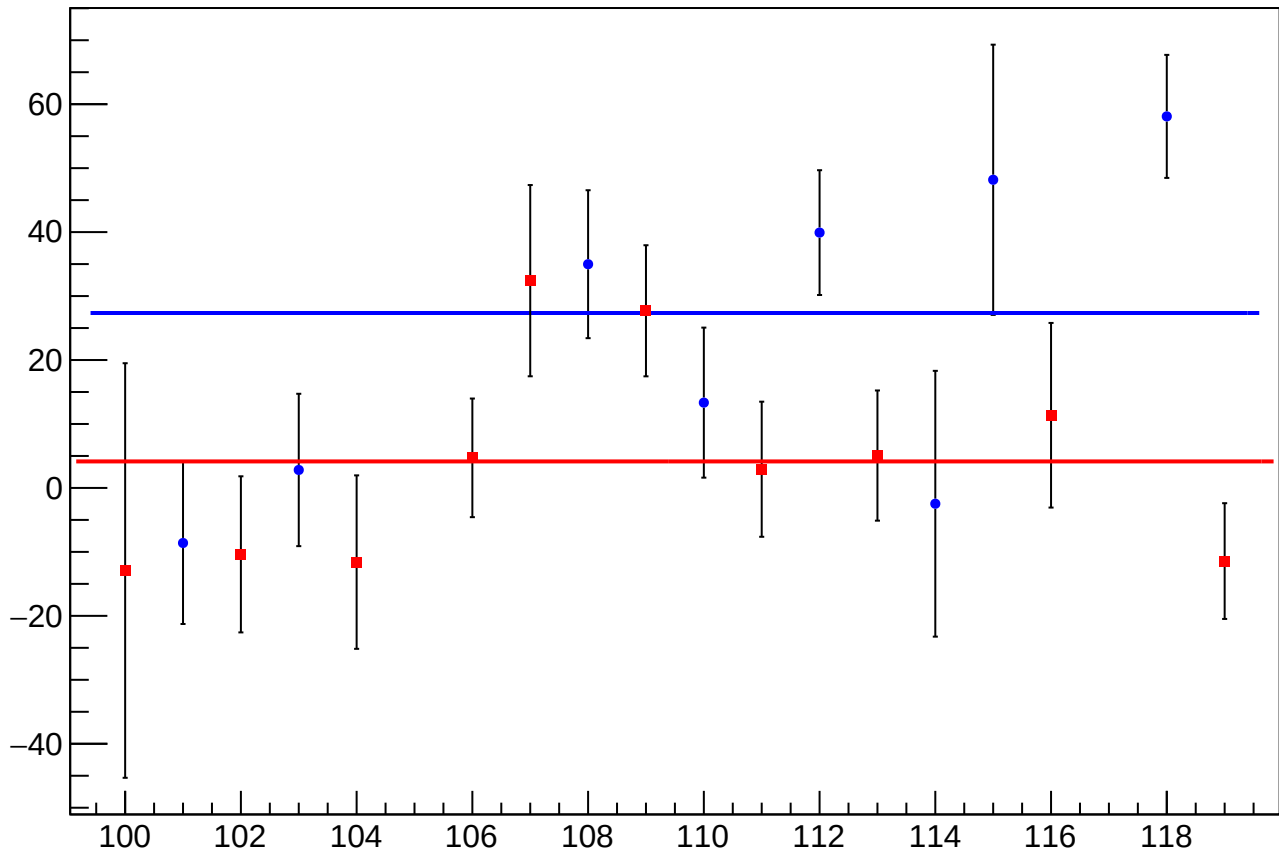
Right: 1303.237+/-0.338 χ^2/NDF : 63922.9/17

In: 1326.155+/-0.515 χ^2/NDF : 23397.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1303.237+/-0.338 χ^2/NDF : 63922.9/17

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 27.352+/-4.307 χ^2/NDF : 29.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.145+/-3.667 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

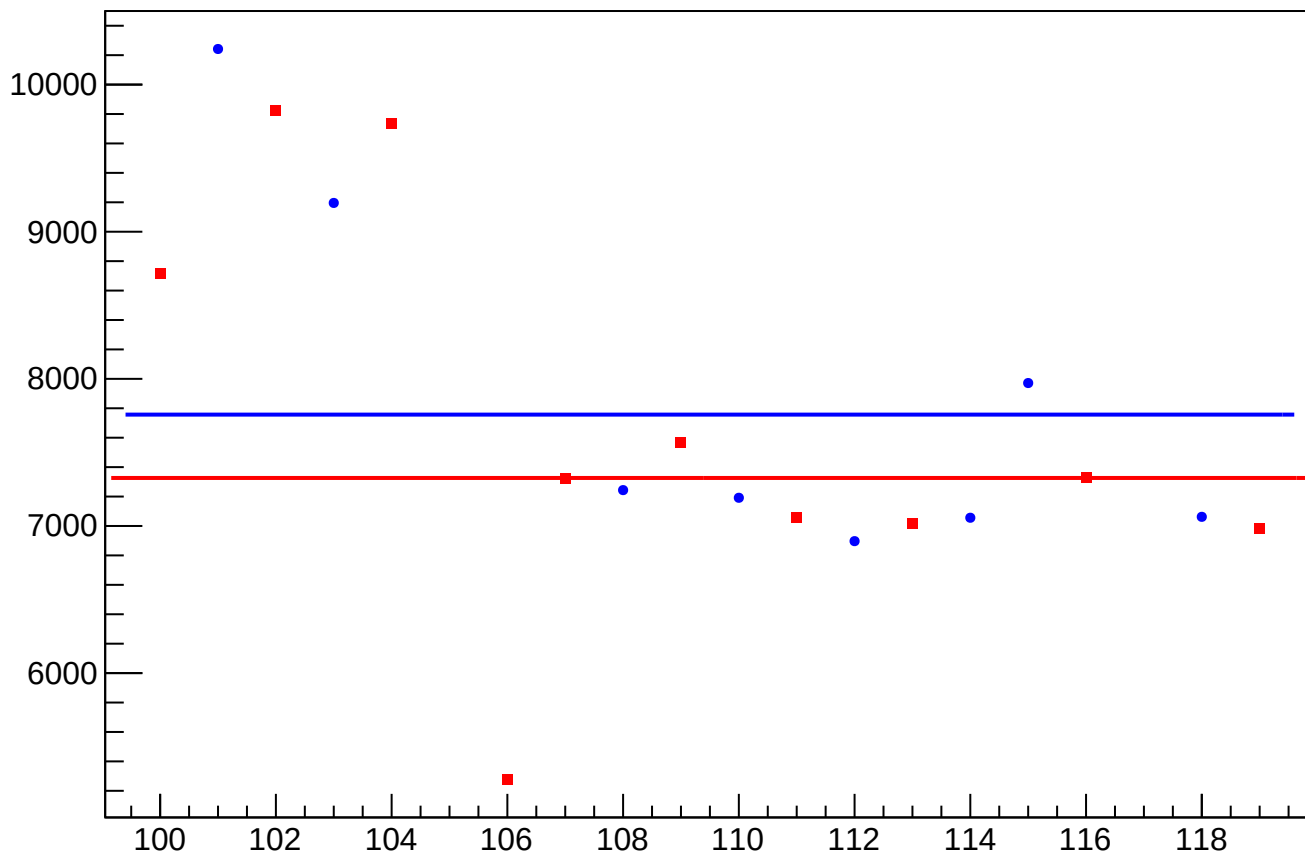
Right: 13.898+/-2.792 χ^2/NDF : 61.0/17

In: 27.352+/-4.307 χ^2/NDF : 29.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.898+/-2.792 χ^2/NDF : 61.0/17

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 7756.954+/-3.046 χ^2/NDF : 143216.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7326.395+/-2.593 χ^2/NDF : 255447.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

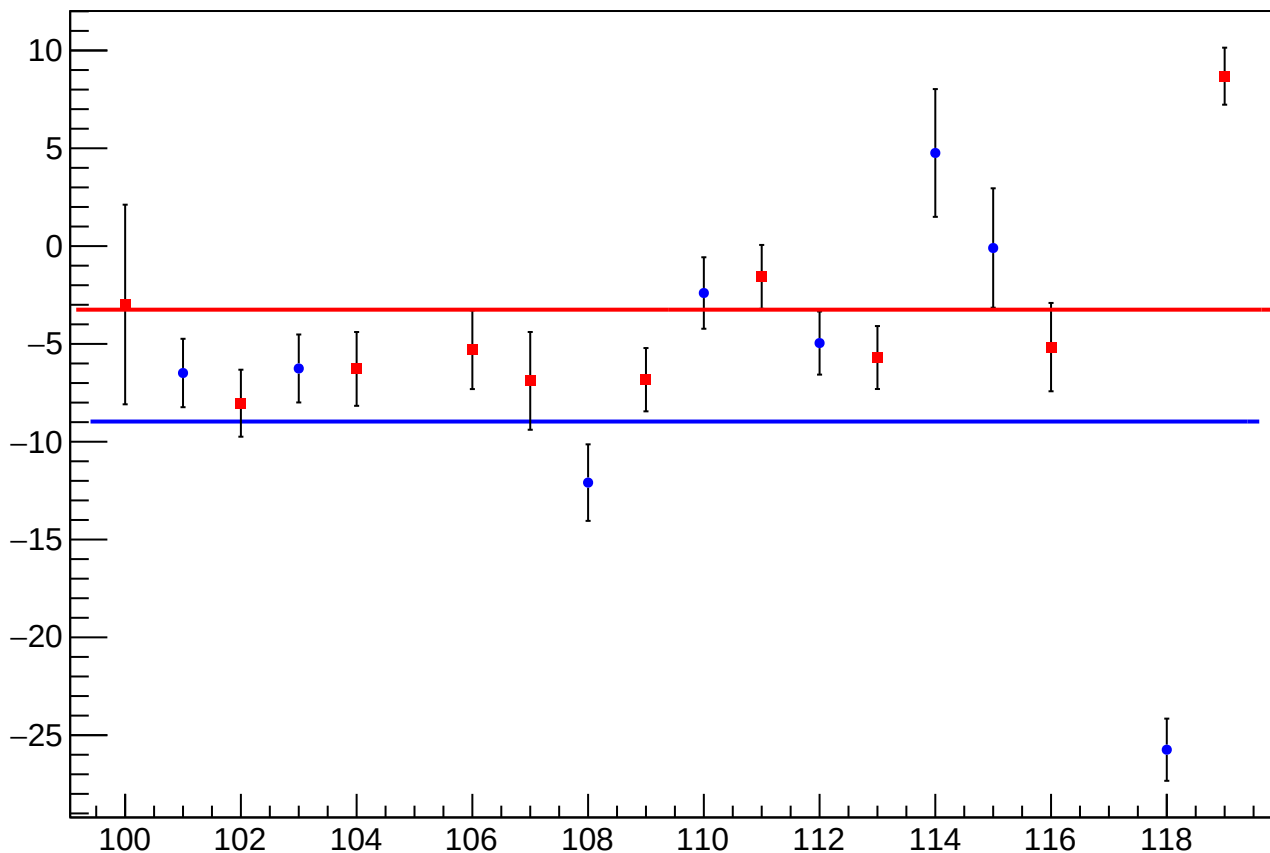
Right: 7507.339+/-1.974 χ^2/NDF : 410250.0/17

In: 7756.954+/-3.046 χ^2/NDF : 143216.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7507.339+/-1.974 χ^2/NDF : 410250.0/17

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -8.968+/-0.674 χ^2/NDF : 163.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.250+/-0.589 χ^2/NDF : 89.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

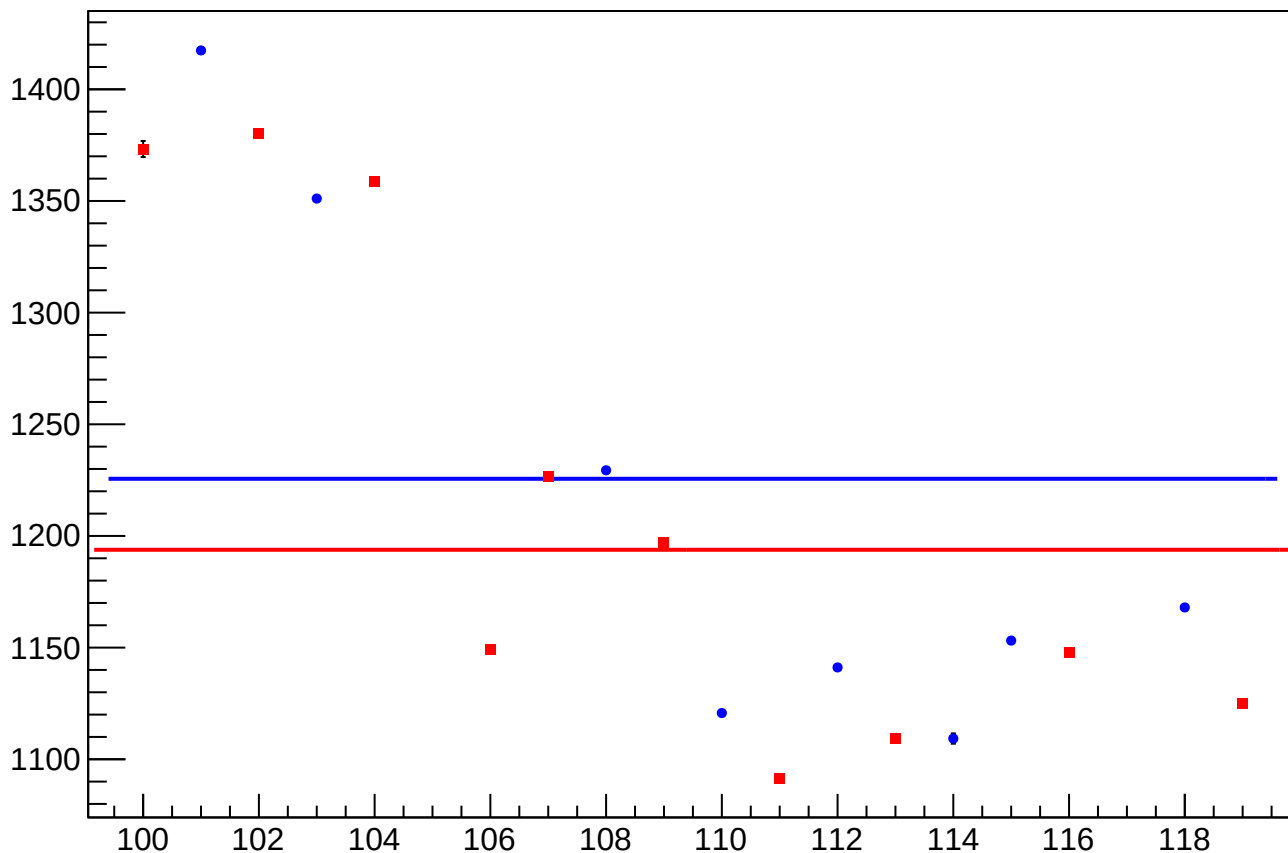
Right: -5.728+/-0.444 χ^2/NDF : 294.0/17

In: -8.968+/-0.674 χ^2/NDF : 163.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.728+/-0.444 χ^2/NDF : 294.0/17

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1225.596+/-0.477 χ^2/NDF : 52890.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1193.801+/-0.417 χ^2/NDF : 61456.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

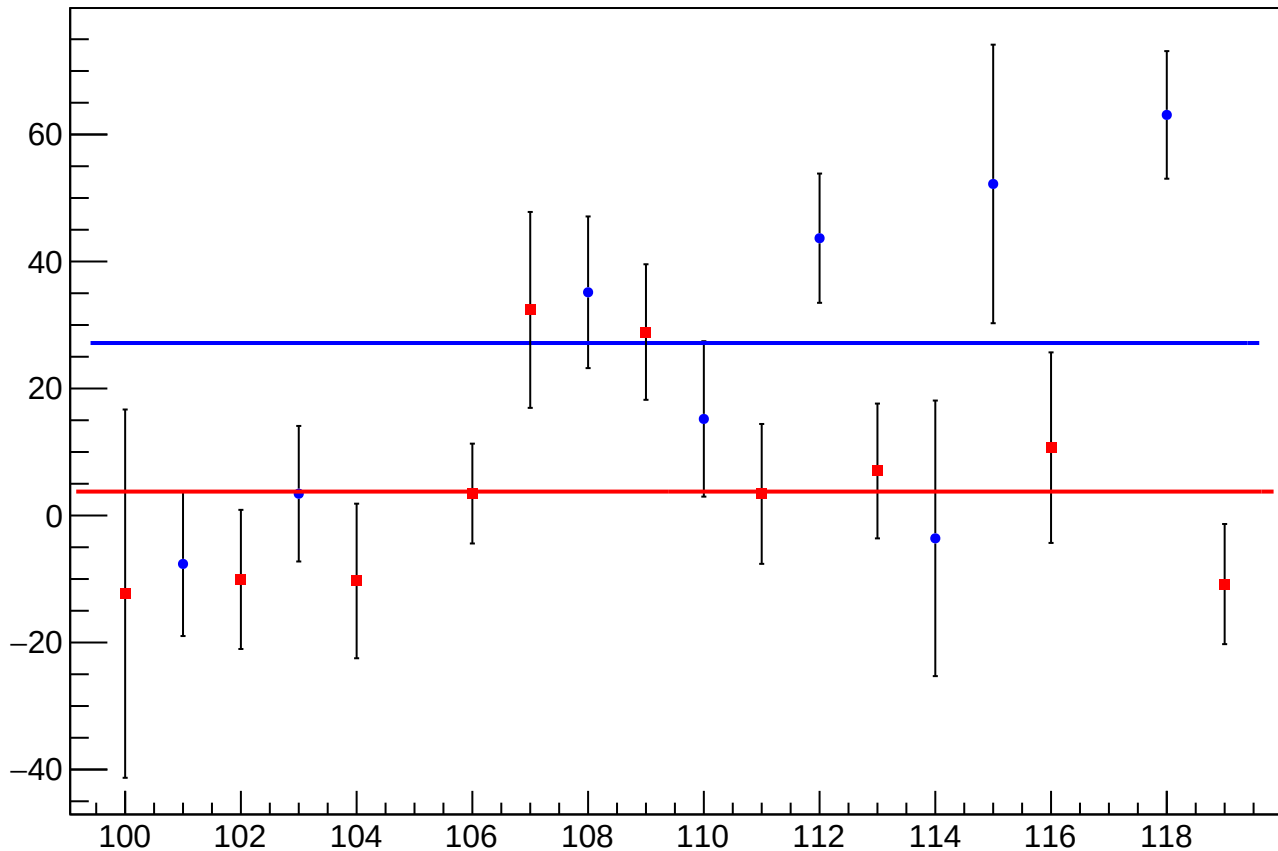
Right: 1207.578+/-0.314 χ^2/NDF : 116868.5/17

In: 1225.596+/-0.477 χ^2/NDF : 52890.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.578+/-0.314 χ^2/NDF : 116868.5/17

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 27.164+/-4.304 χ^2/NDF : 34.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.768+/-3.577 χ^2/NDF : 14.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

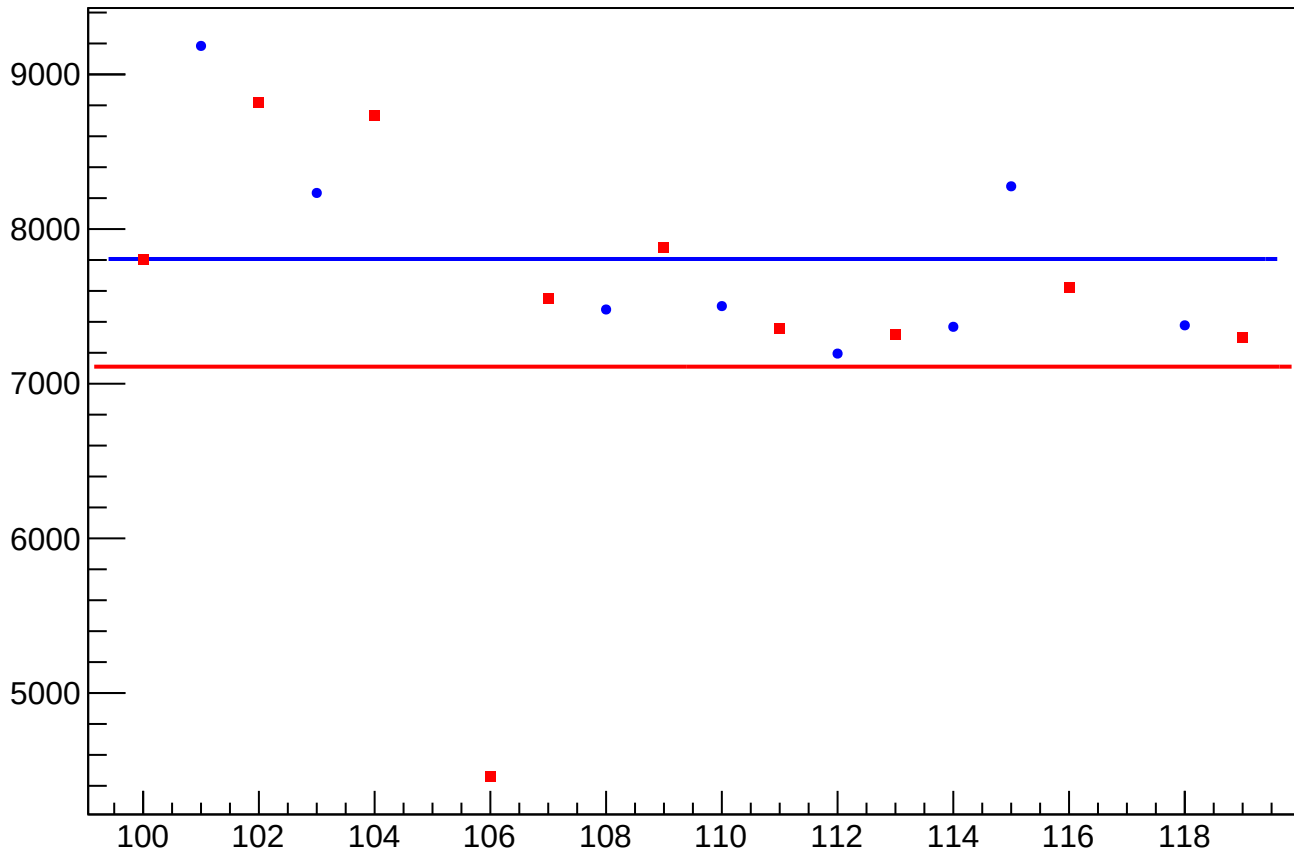
Right: 13.325+/-2.751 χ^2/NDF : 66.8/17

In: 27.164+/-4.304 χ^2/NDF : 34.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.325+/-2.751 χ^2/NDF : 66.8/17

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 7806.481+/-3.043 χ^2/NDF : 47975.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7110.295+/-2.529 χ^2/NDF : 330228.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

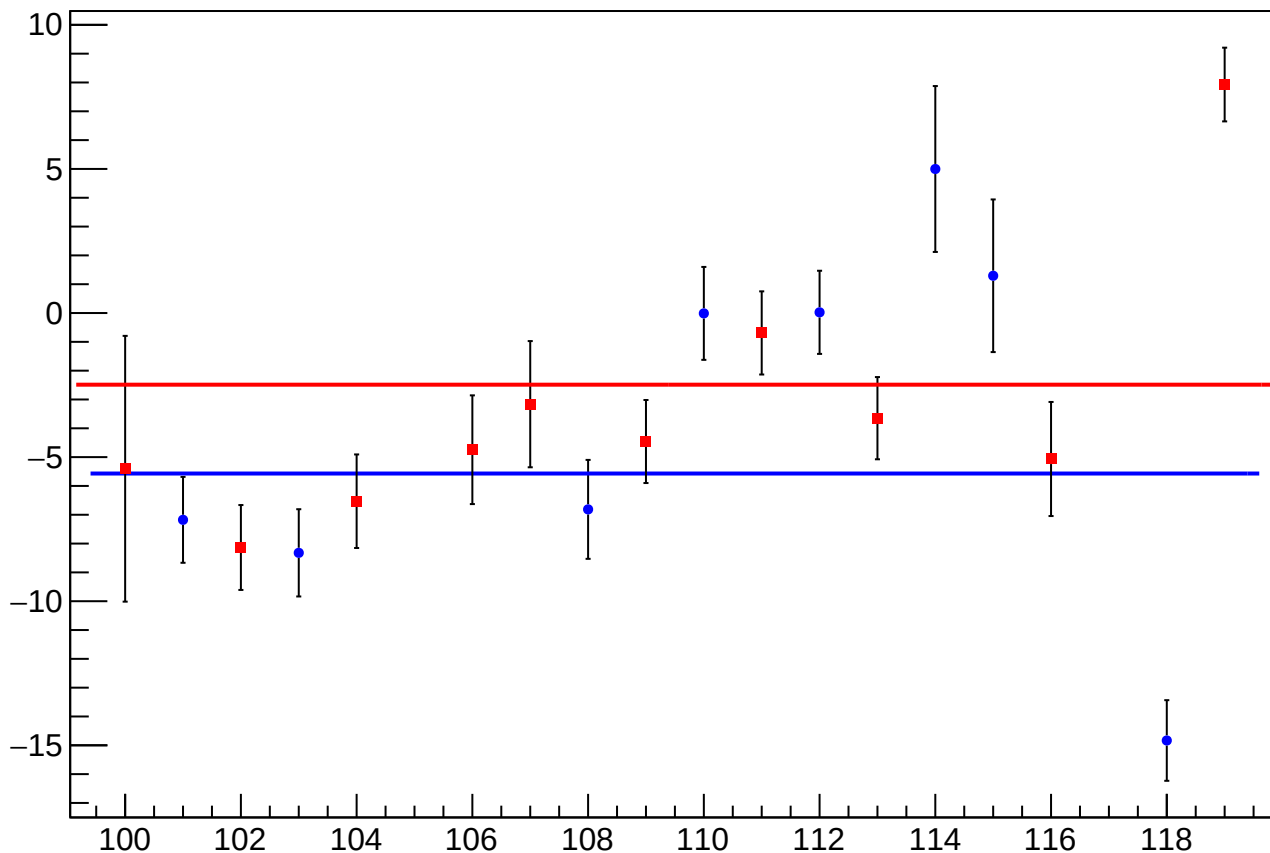
Right: 7394.685+/-1.945 χ^2/NDF : 409160.6/17

In: 7806.481+/-3.043 χ^2/NDF : 47975.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7394.685+/-1.945 χ^2/NDF : 409160.6/17

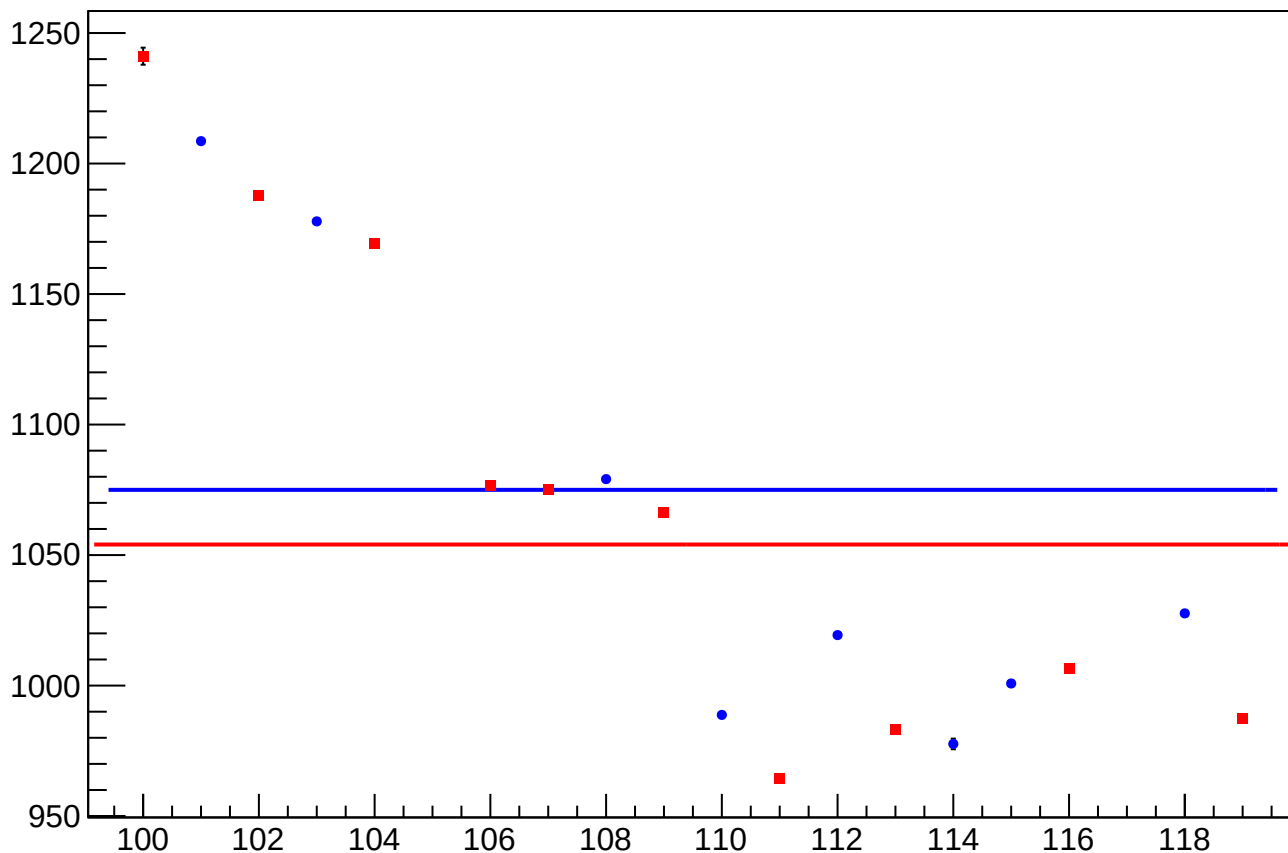
diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -5.569+/-0.591 χ^2/NDF : 95.9/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2.486+/-0.520 χ^2/NDF : 94.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -3.832+/-0.390 χ^2/NDF : 206.2/17
 In: -5.569+/-0.591 χ^2/NDF : 95.9/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -3.832+/-0.390 χ^2/NDF : 206.2/17

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1074.987+/-0.418 χ^2/NDF : 40154.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1054.047+/-0.368 χ^2/NDF : 49684.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

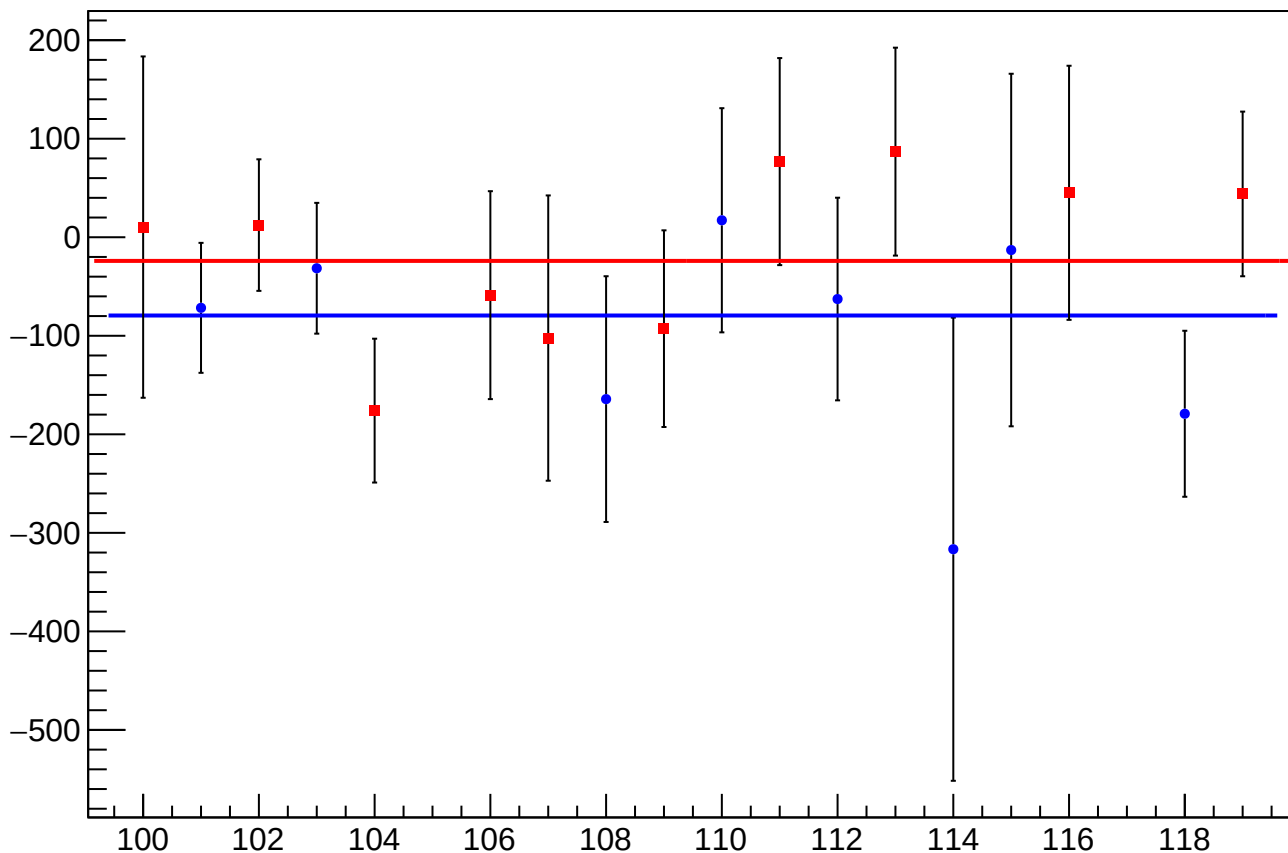
Right: 1063.190+/-0.276 χ^2/NDF : 91254.7/17

In: 1074.987+/-0.418 χ^2/NDF : 40154.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1063.190+/-0.276 χ^2/NDF : 91254.7/17

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -79.431+/-33.644 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.012+/-30.611 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

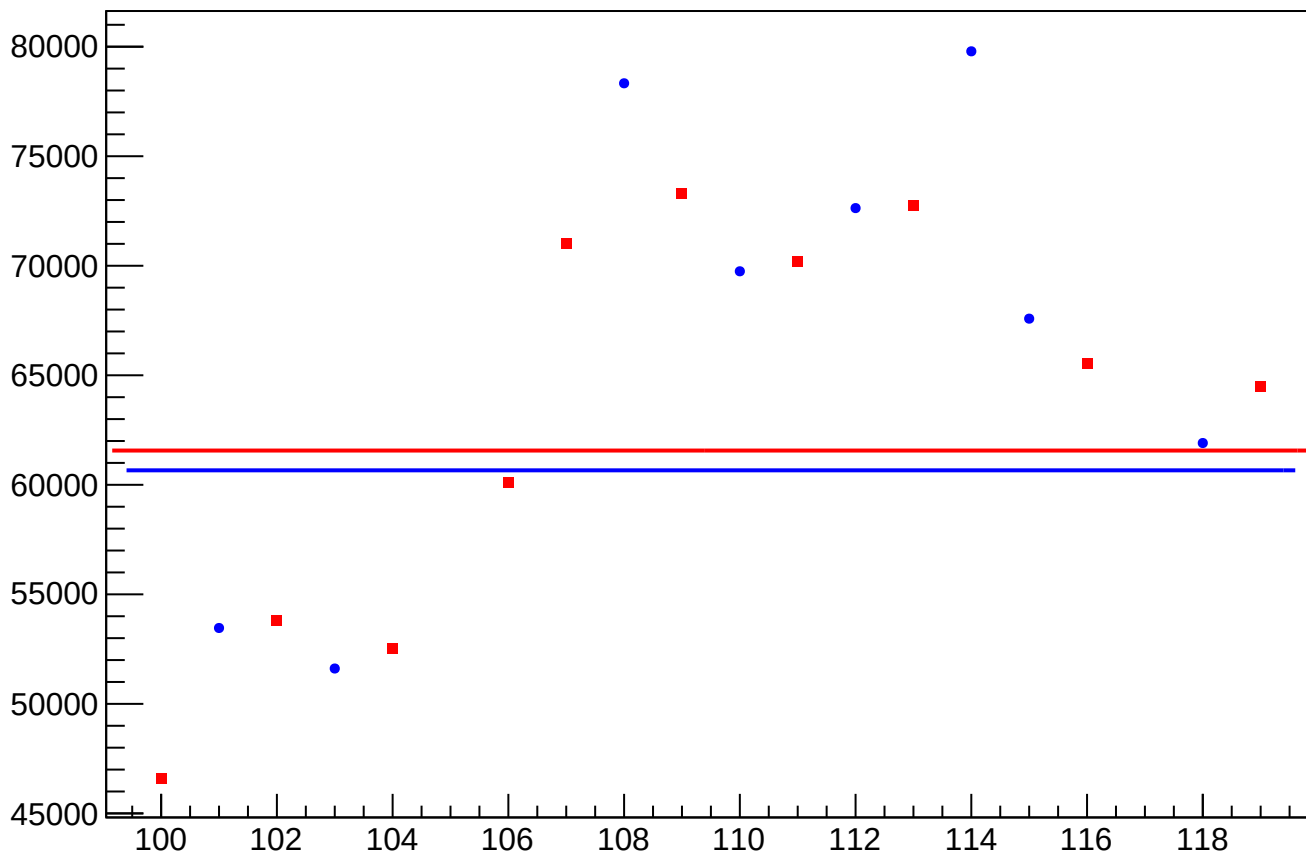
Right: -49.112+/-22.642 χ^2/NDF : 14.3/17

In: -79.431+/-33.644 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.112+/-22.642 χ^2/NDF : 14.3/17

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 60661.114+/-23.790 χ^2/NDF : 157690.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 61564.490+/-21.646 χ^2/NDF : 149759.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

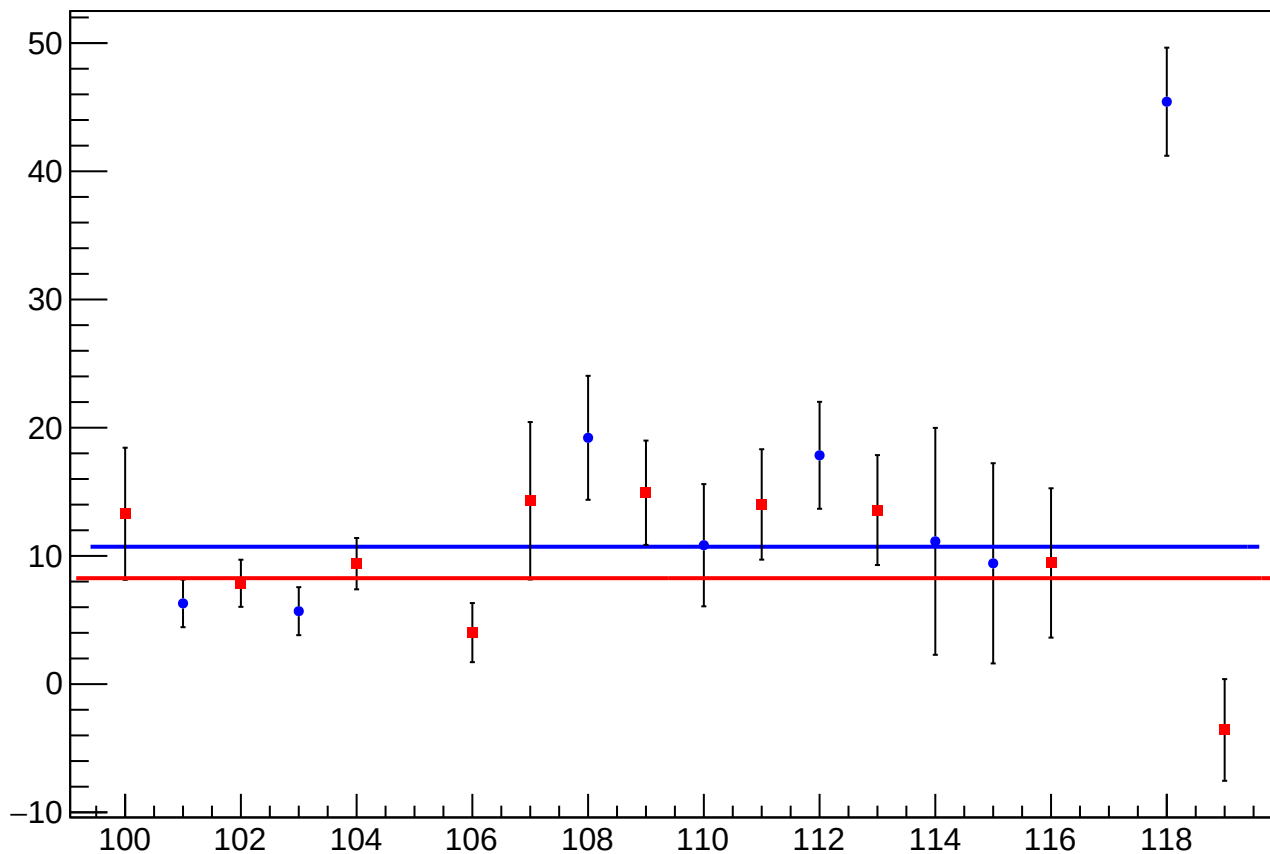
Right: 61155.346+/-16.010 χ^2/NDF : 308239.1/17

In: 60661.114+/-23.790 χ^2/NDF :157690.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61155.346+/-16.010 χ^2/NDF : 308239.1/17

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.716+/-1.114 χ^2/NDF : 86.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.264+/-0.971 χ^2/NDF : 20.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

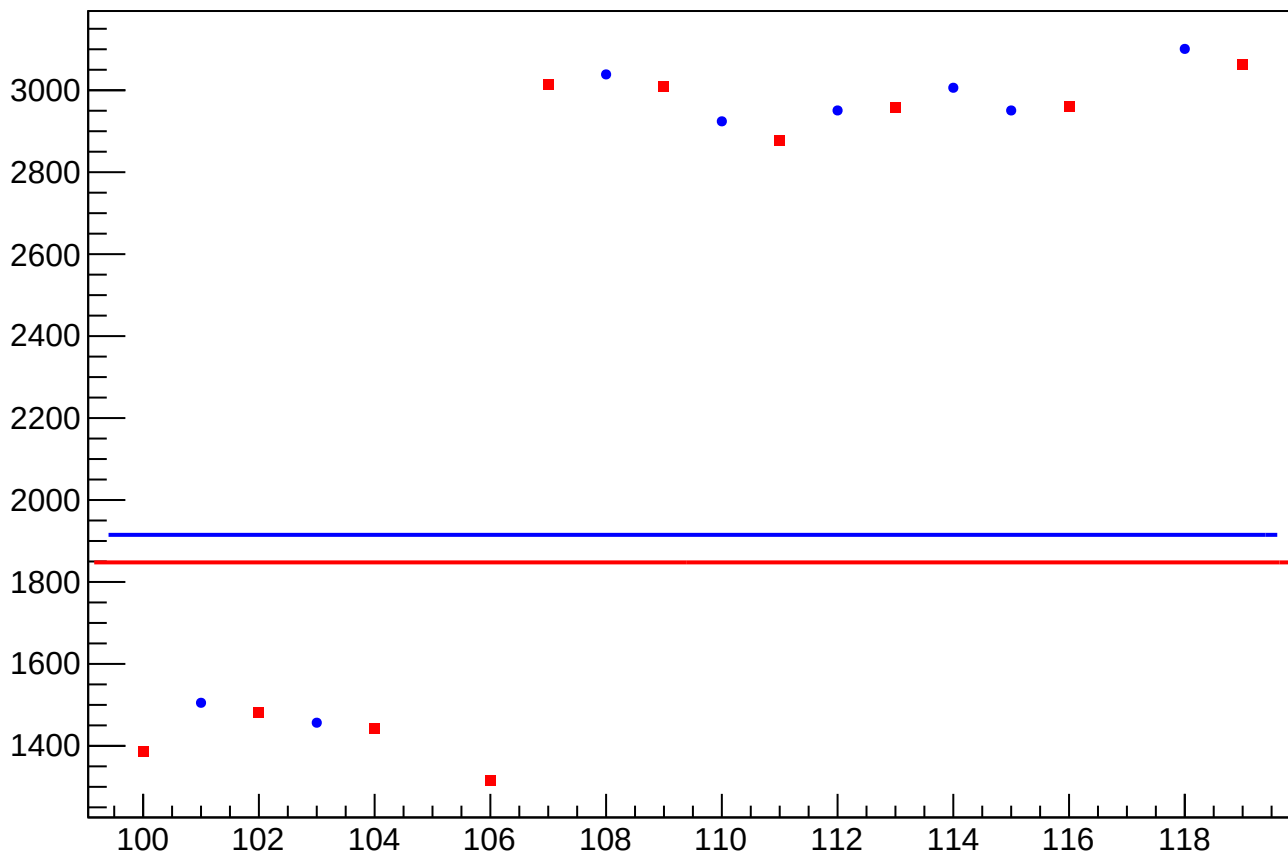
Right: 9.323+/-0.732 χ^2/NDF : 110.1/17

In: 10.716+/-1.114 χ^2/NDF : 86.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.323+/-0.732 χ^2/NDF : 110.1/17

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1914.981+/-0.788 χ^2/NDF : 762270.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1847.759+/-0.687 χ^2/NDF : 1028661.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

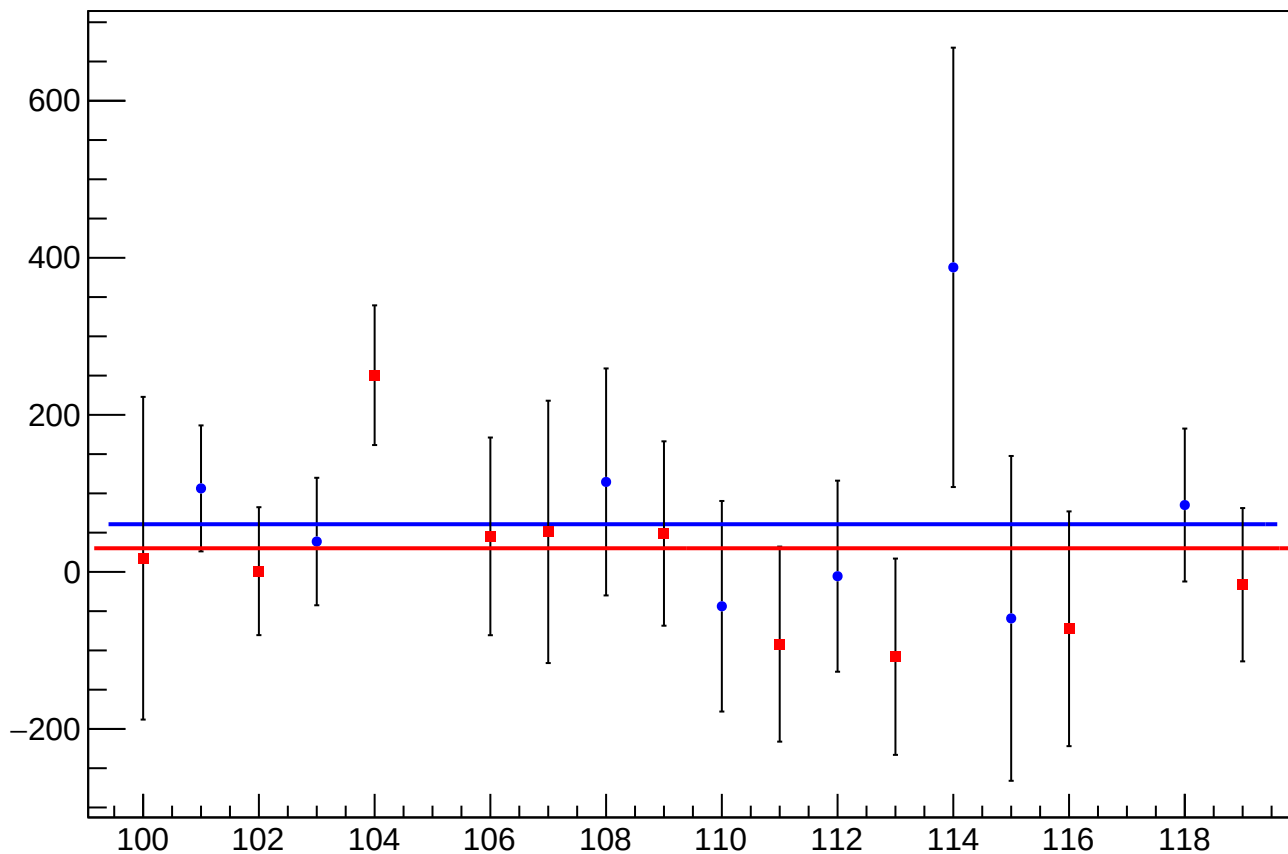
Right: 1876.781+/-0.518 χ^2/NDF : 1795067.1/17

In: 1914.981+/-0.788 χ^2/NDF : 762270.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.781+/-0.518 χ^2/NDF : 1795067.1/17

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 60.717 $\pm$ 40.166 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 30.115 $\pm$ 36.496 χ^2 /NDF: 9.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

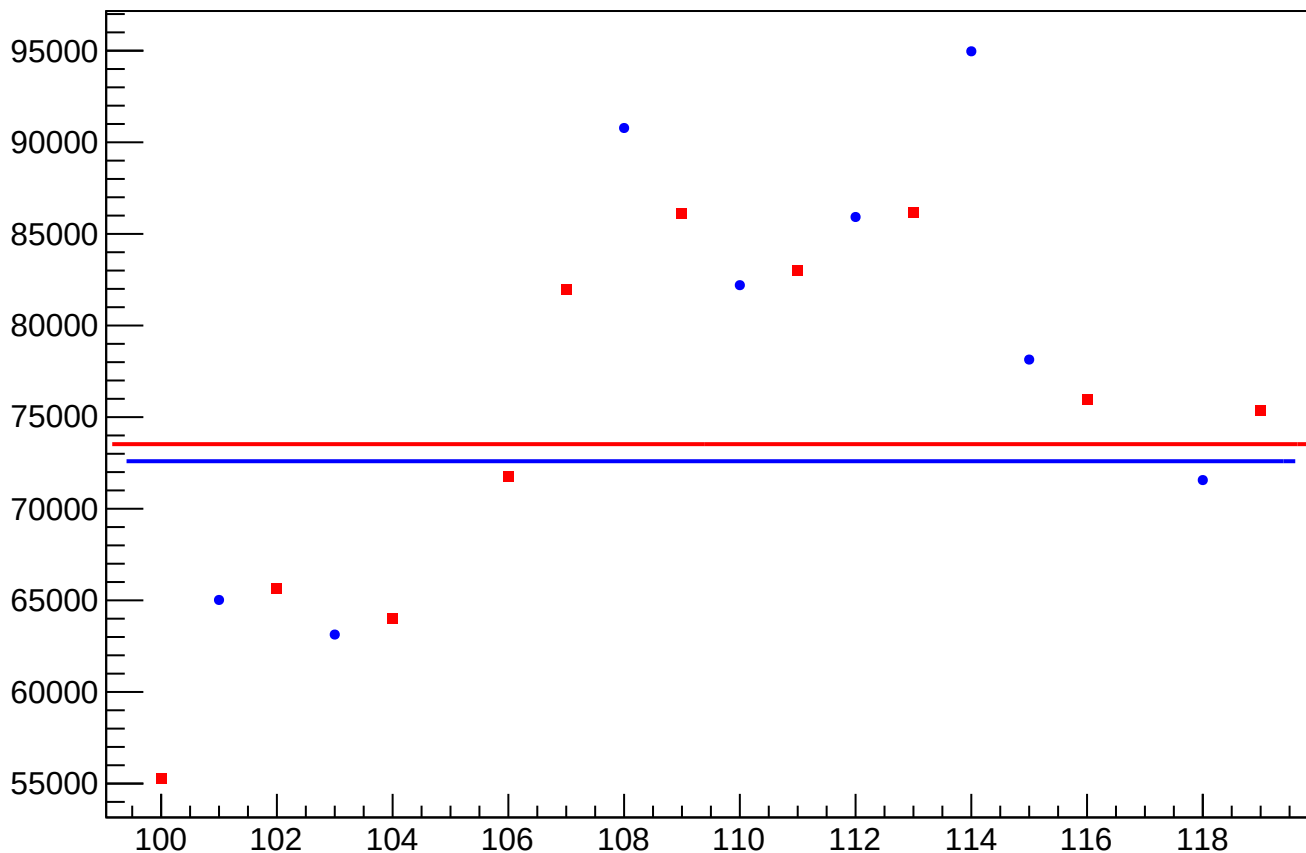
Right: 43.955 $\pm$ 27.011 χ^2 /NDF: 12.7/17

In: 60.717 $\pm$ 40.166 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.955 $\pm$ 27.011 χ^2 /NDF: 12.7/17

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 72593.771+/-28.401 χ^2 /NDF: 125386.7/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 73525.419+/-25.807 χ^2 /NDF: 119341.8/9

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

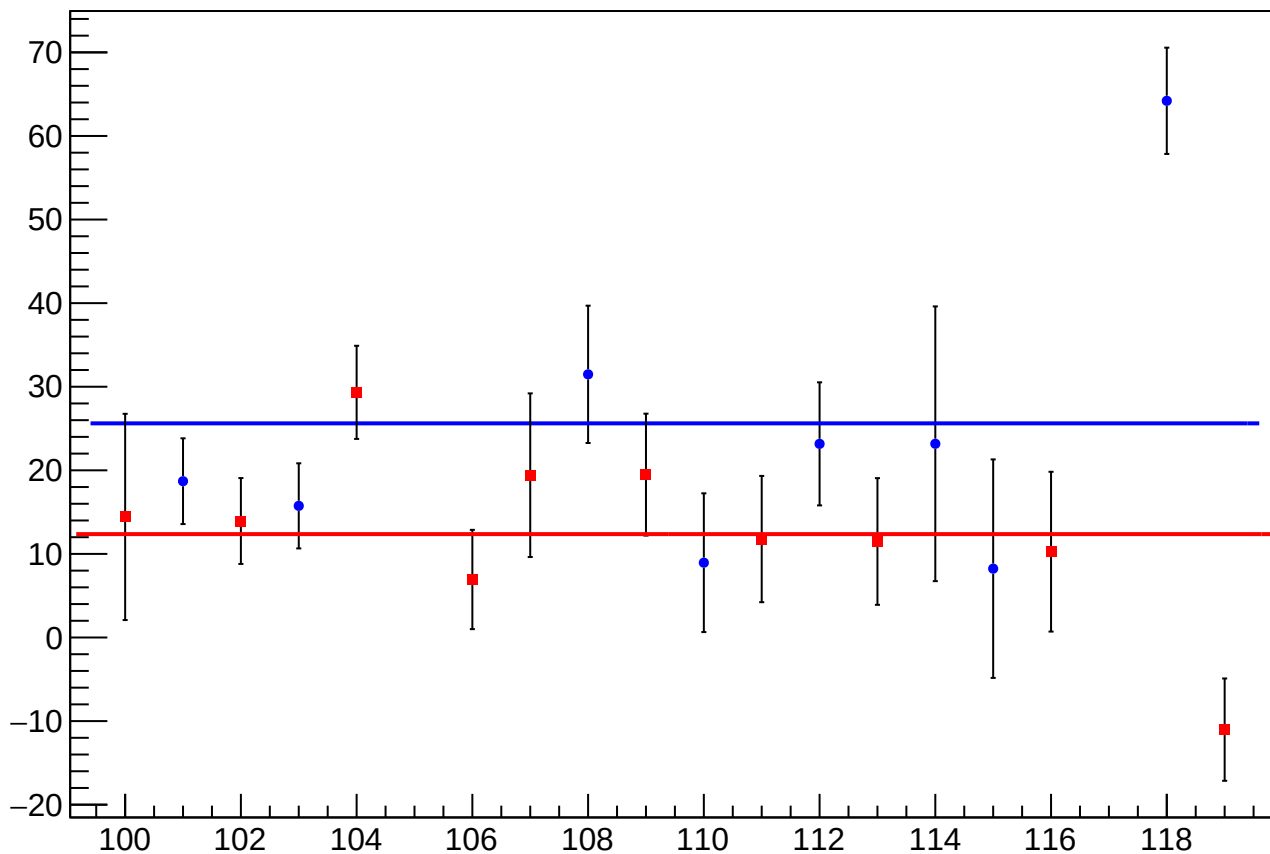
Right: 73104.086+/-19.100 χ^2 /NDF: 245317.8/17

In: 72593.771+/-28.401 χ^2 /NDF: 125386.7/7

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 73104.086+/-19.100 χ^2 /NDF: 245317.8/17

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 25.619 $\pm$ 2.511 χ^2 /NDF: 48.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.368 $\pm$ 2.199 χ^2 /NDF: 26.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

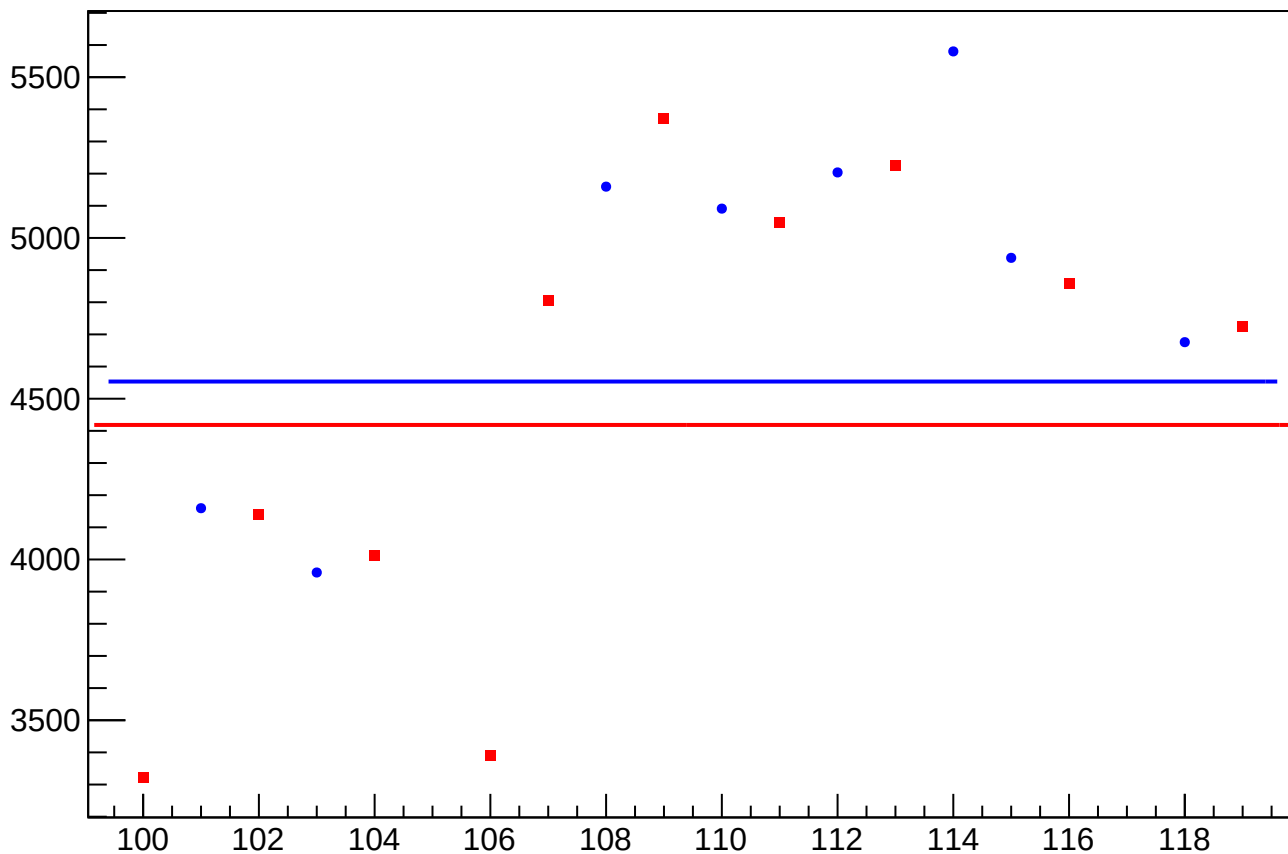
Right: 18.120 $\pm$ 1.654 χ^2 /NDF: 91.0/17

In: 25.619 $\pm$ 2.511 χ^2 /NDF:48.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.120 $\pm$ 1.654 χ^2 /NDF: 91.0/17

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4553.407+/-1.775 χ^2/NDF : 84182.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4418.393+/-1.555 χ^2/NDF : 175691.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

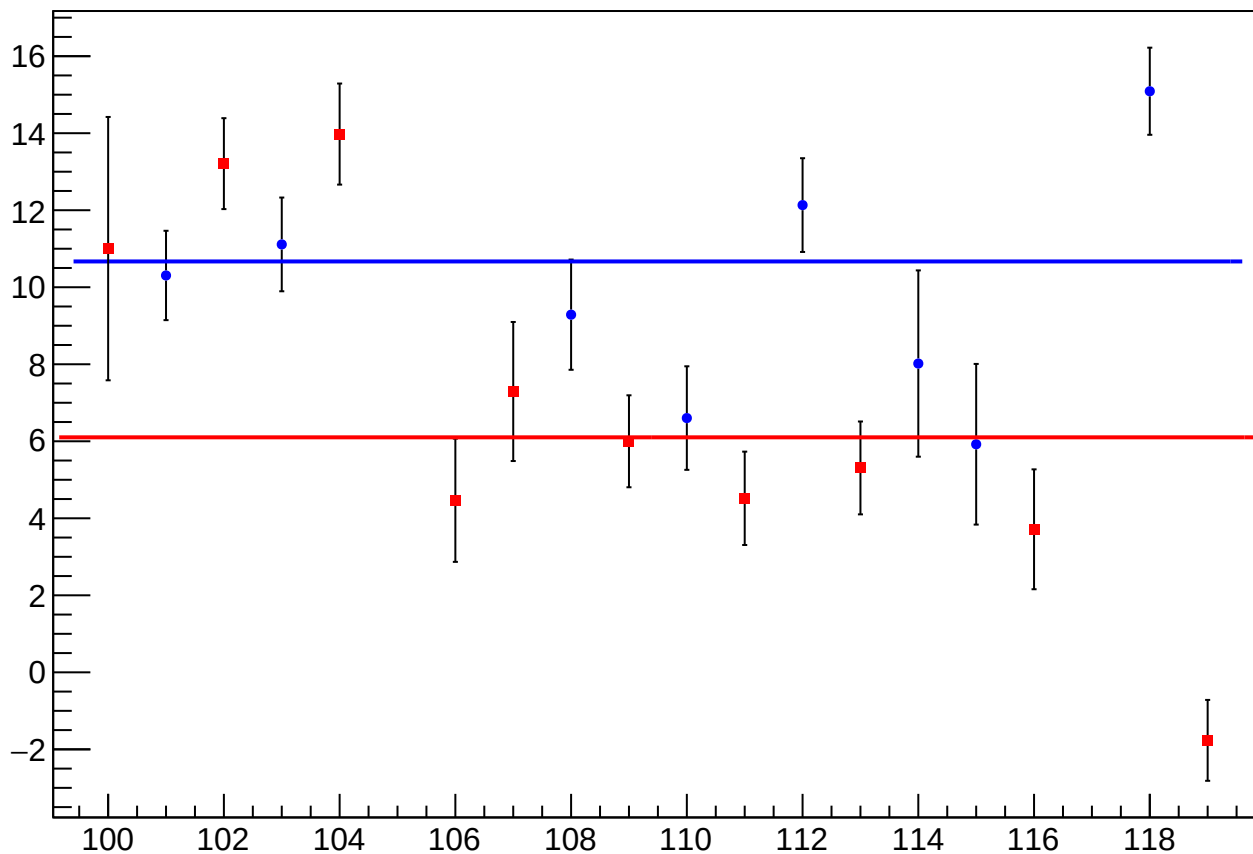
Right: 4477.000+/-1.170 χ^2/NDF : 263147.8/17

In: 4553.407+/-1.775 χ^2/NDF : 84182.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4477.000+/-1.170 χ^2/NDF : 263147.8/17

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.670 $\pm$ 0.481 χ^2 /NDF: 33.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.102 $\pm$ 0.428 χ^2 /NDF: 136.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

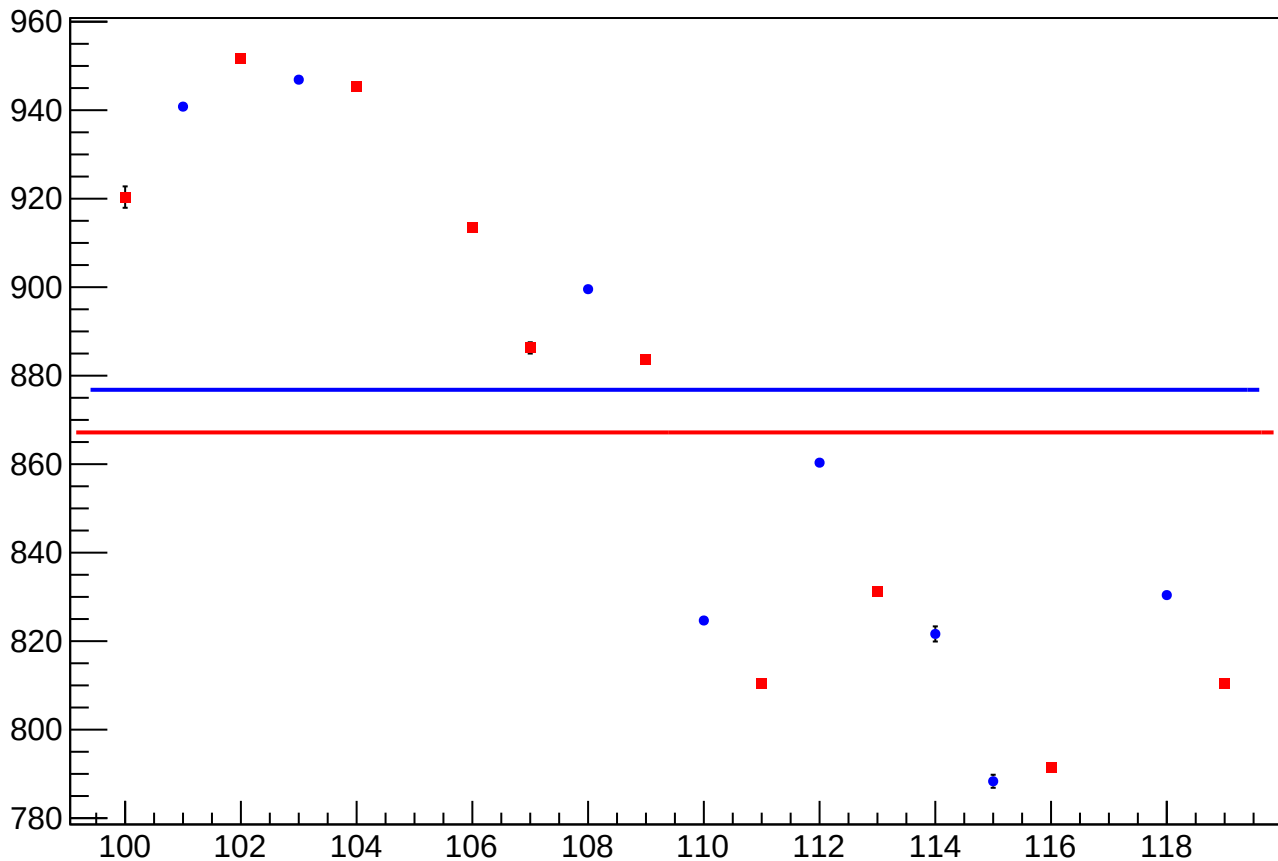
Right: 8.117 $\pm$ 0.320 χ^2 /NDF: 220.2/17

In: 10.670 $\pm$ 0.481 χ^2 /NDF:33.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 8.117 $\pm$ 0.320 χ^2 /NDF: 220.2/17

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 876.808 $\pm$ 0.340 χ^2 /NDF: 24602.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 867.172 $\pm$ 0.302 χ^2 /NDF: 36843.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

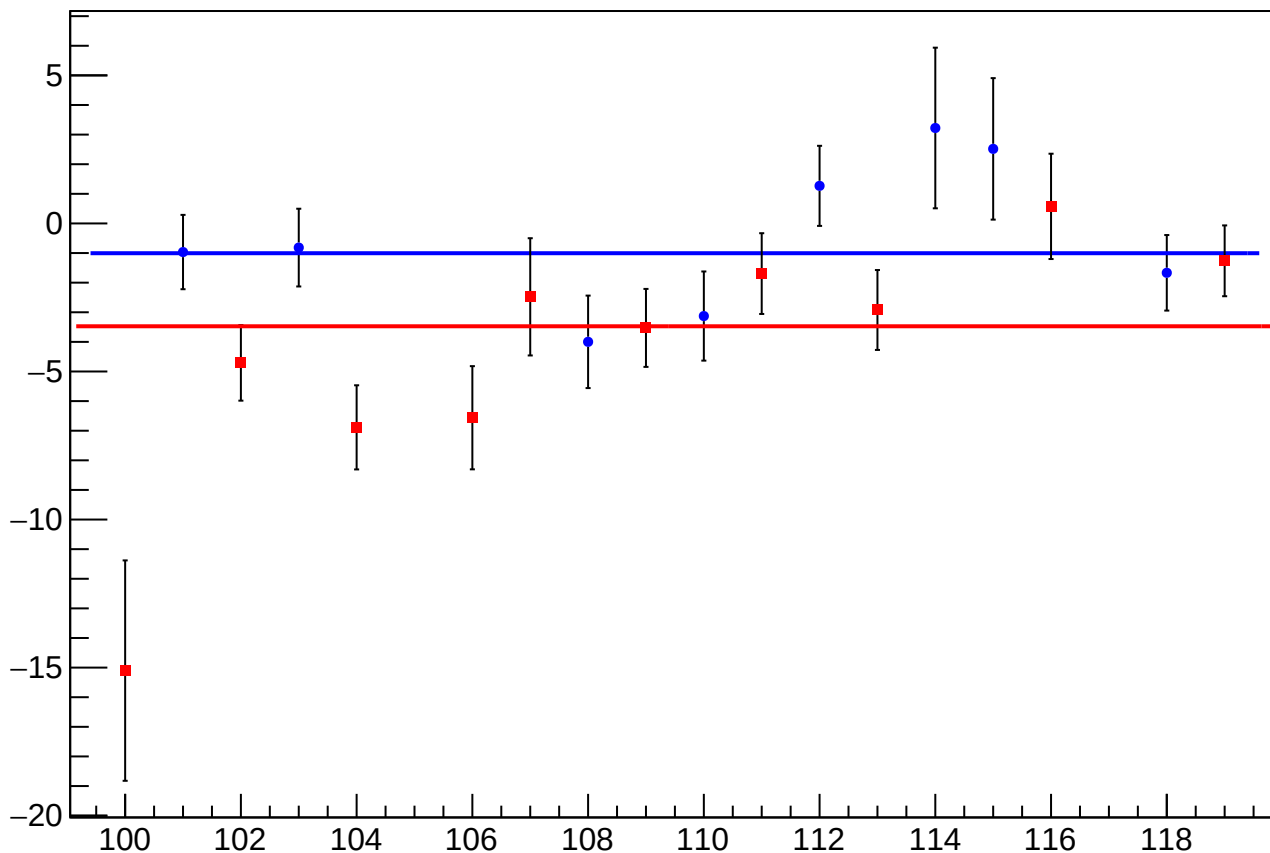
Right: 871.422 $\pm$ 0.226 χ^2 /NDF: 61894.3/17

In: 876.808 $\pm$ 0.340 χ^2 /NDF:24602.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 871.422 $\pm$ 0.226 χ^2 /NDF: 61894.3/17

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -1.006 $\pm$ 0.532 χ^2 /NDF: 13.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.473 $\pm$ 0.474 χ^2 /NDF: 30.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

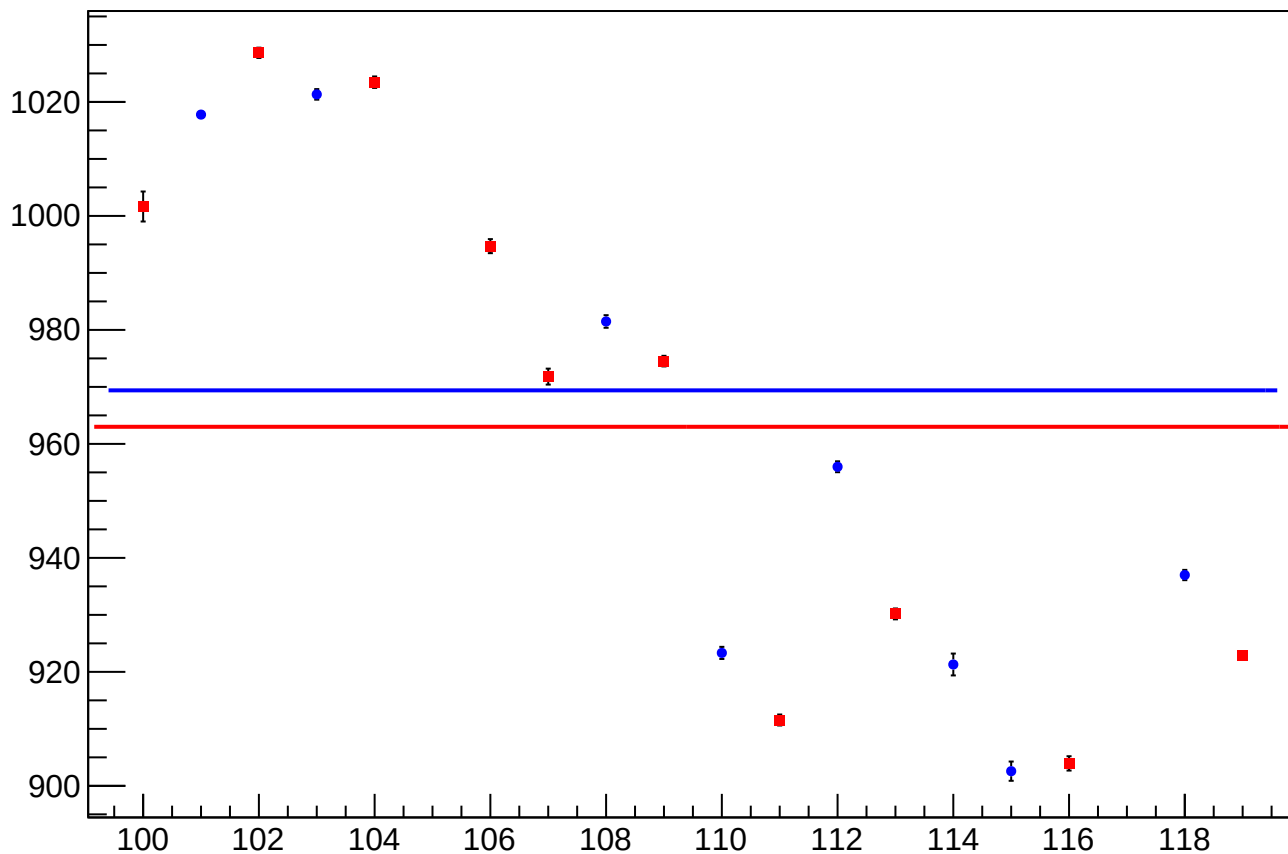
Right: -2.379 $\pm$ 0.354 χ^2 /NDF: 55.7/17

In: -1.006 $\pm$ 0.532 χ^2 /NDF:13.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.379 $\pm$ 0.354 χ^2 /NDF: 55.7/17

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 969.393 $\pm$ 0.376 χ^2 /NDF: 11775.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 963.001 $\pm$ 0.335 χ^2 /NDF: 18462.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

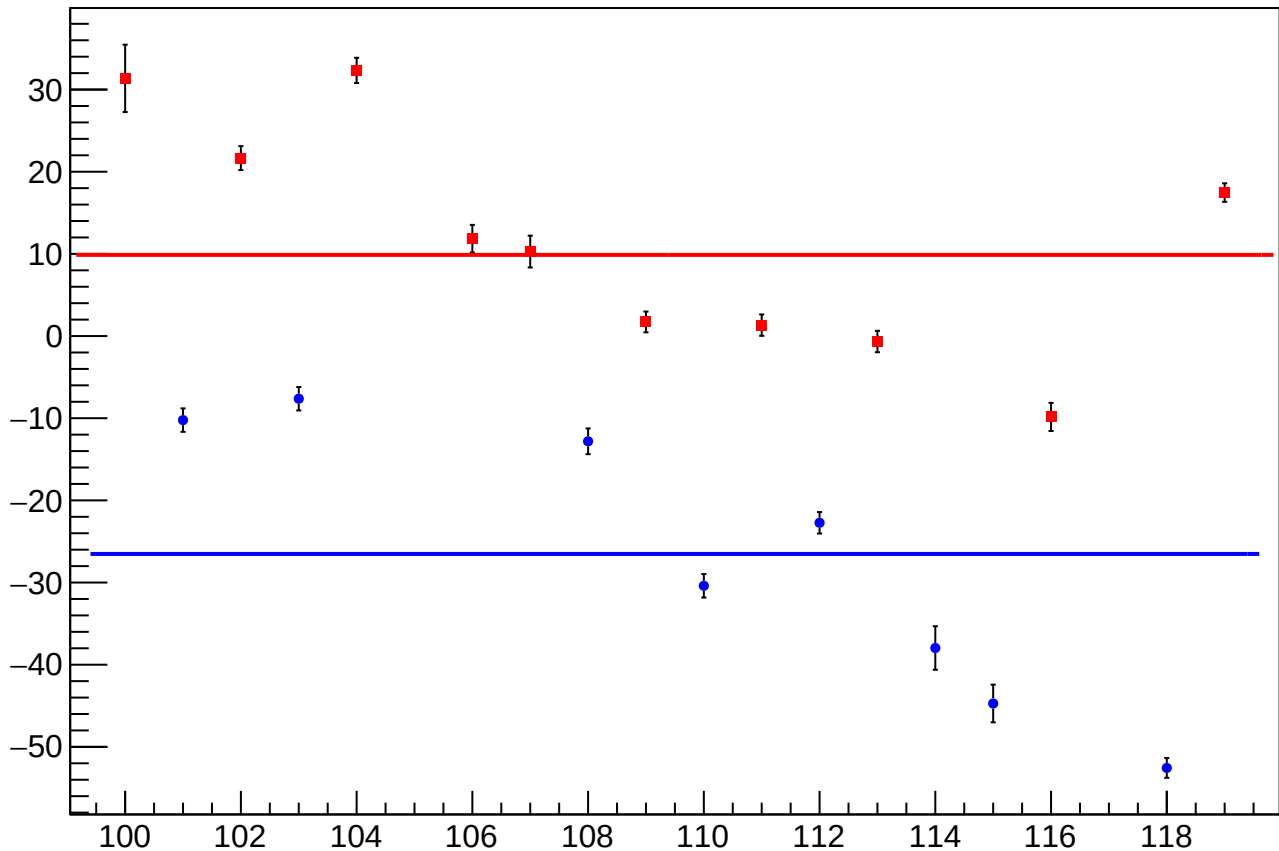
Right: 965.834 $\pm$ 0.250 χ^2 /NDF: 30399.0/17

In: 969.393 $\pm$ 0.376 χ^2 /NDF:11775.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 965.834 $\pm$ 0.250 χ^2 /NDF: 30399.0/17

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -26.518 ± 0.535 χ^2/NDF : 949.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.878 ± 0.471 χ^2/NDF : 637.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

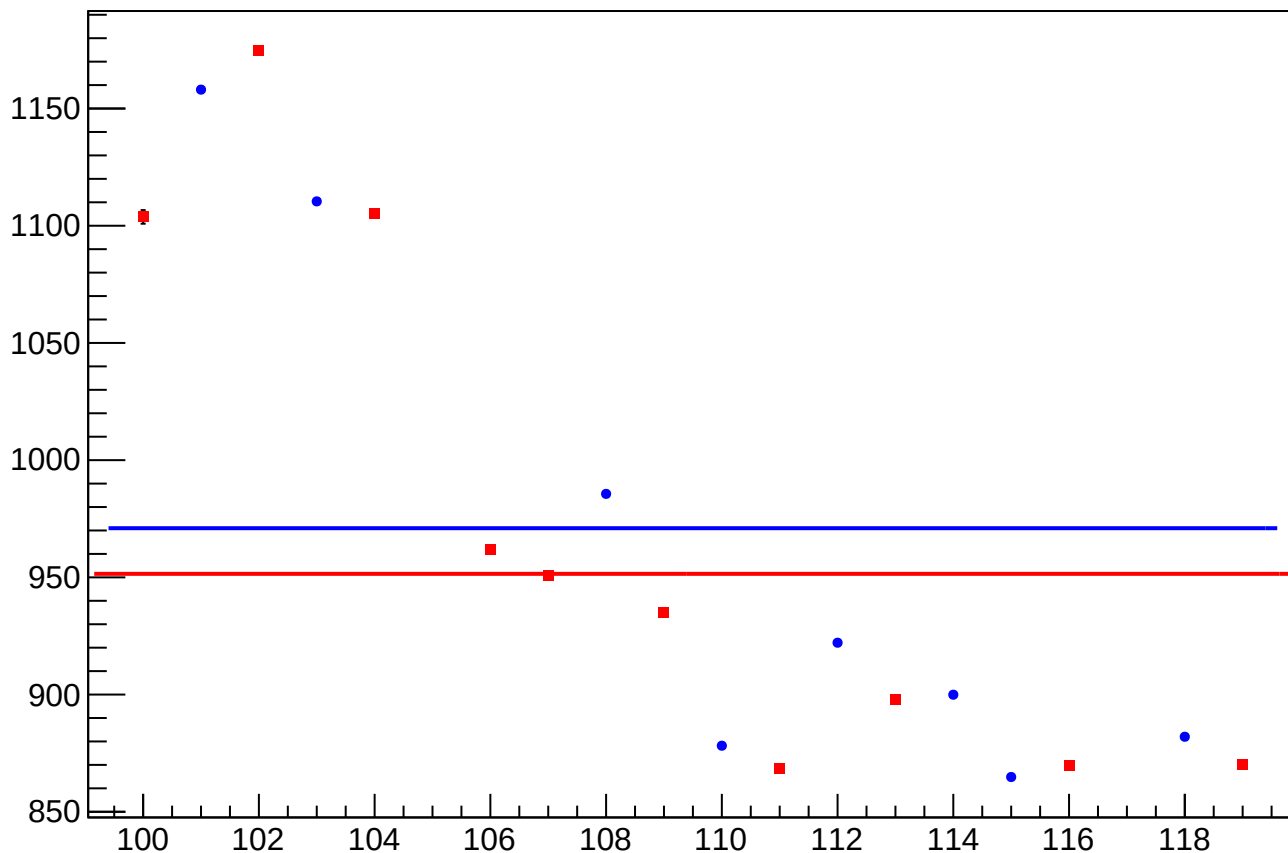
Right: -5.999 ± 0.354 χ^2/NDF : 4193.3/17

In: -26.518 ± 0.535 χ^2/NDF : 949.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.999 ± 0.354 χ^2/NDF : 4193.3/17

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 970.969+/-0.378 χ^2/NDF : 81486.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 951.503+/-0.333 χ^2/NDF : 96713.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

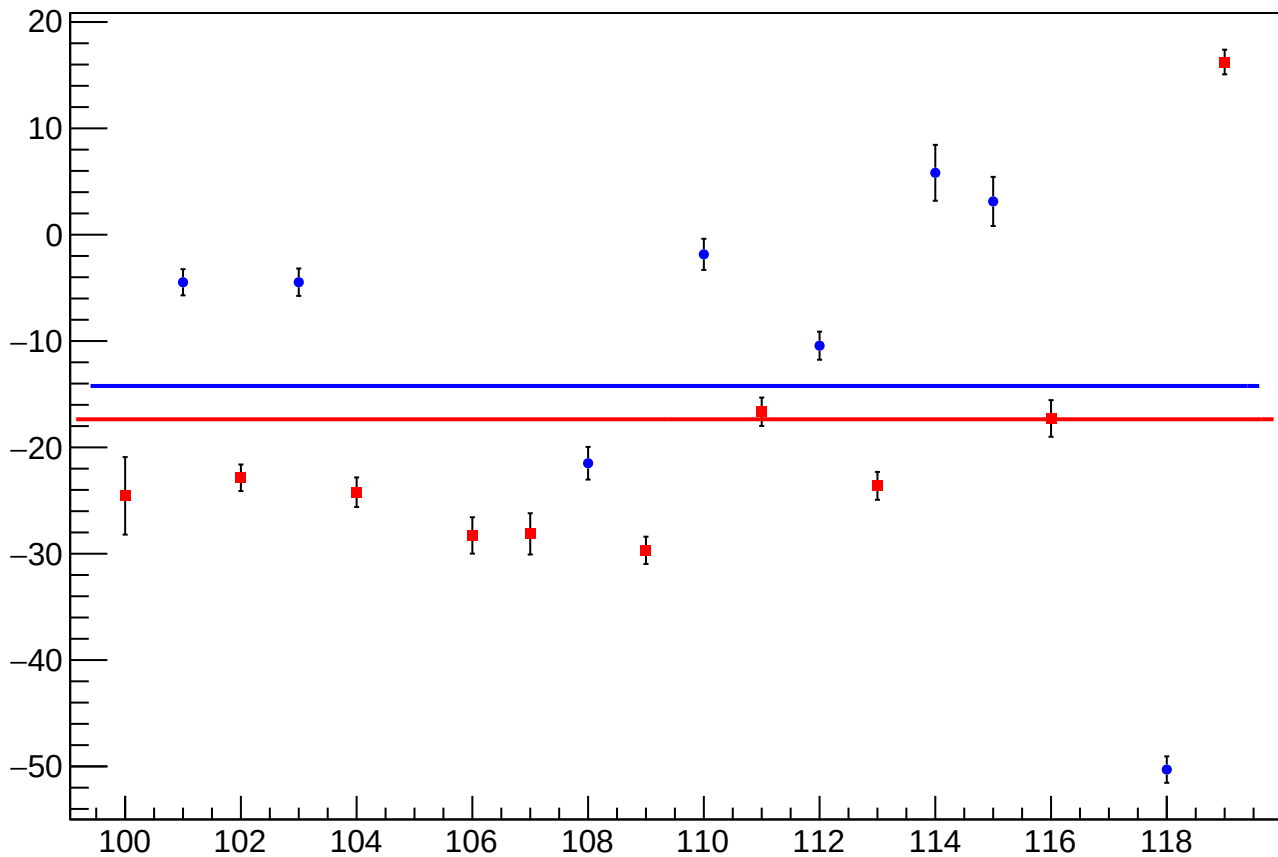
Right: 959.994+/-0.250 χ^2/NDF : 179691.5/17

In: 970.969+/-0.378 χ^2/NDF : 81486.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.994+/-0.250 χ^2/NDF : 179691.5/17

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -14.224+/-0.519 χ^2/NDF : 1178.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -17.356+/-0.463 χ^2/NDF : 1071.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

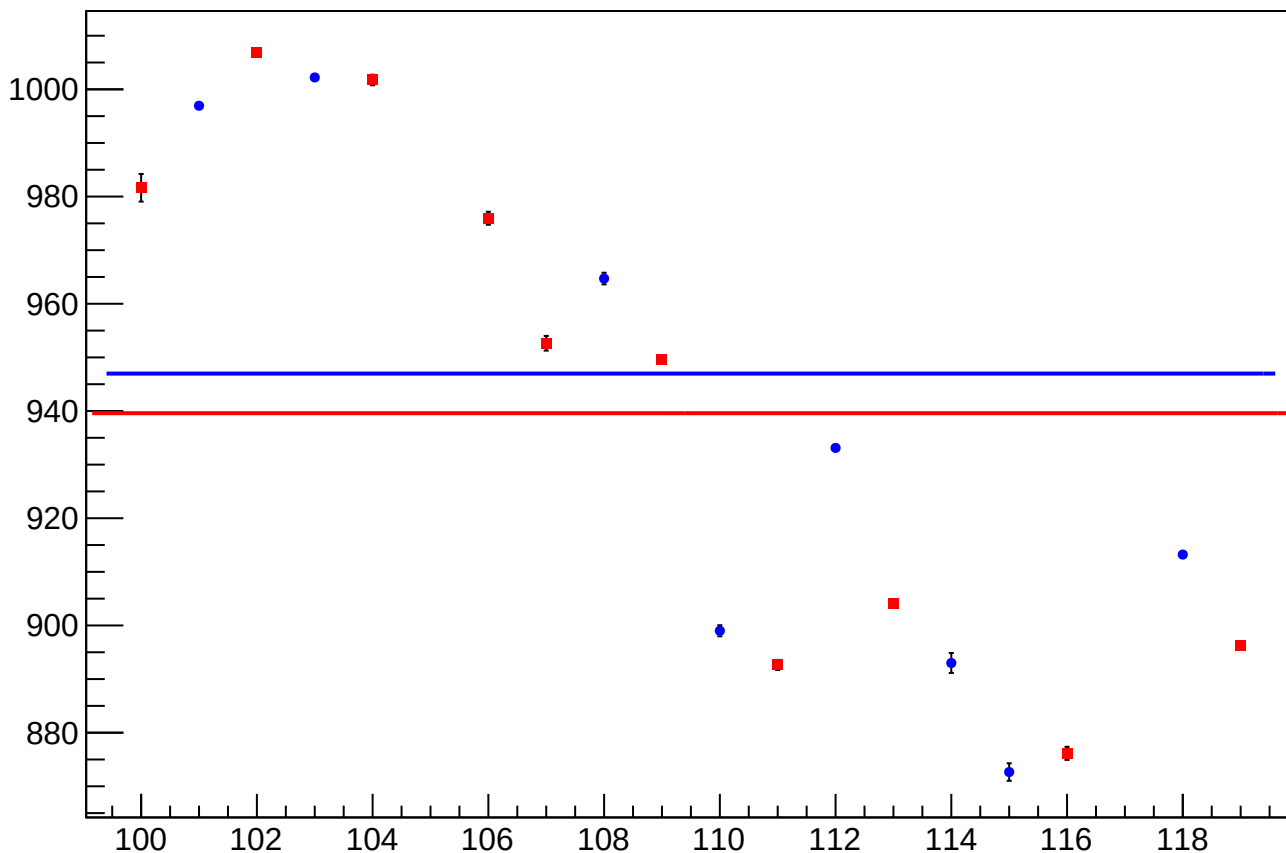
Right: -15.970+/-0.345 χ^2/NDF : 2271.0/17

In: -14.224+/-0.519 χ^2/NDF :1178.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -15.970+/-0.345 χ^2/NDF : 2271.0/17

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 946.979 $\pm$ 0.367 χ^2 /NDF: 14000.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 939.593 $\pm$ 0.327 χ^2 /NDF: 20611.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

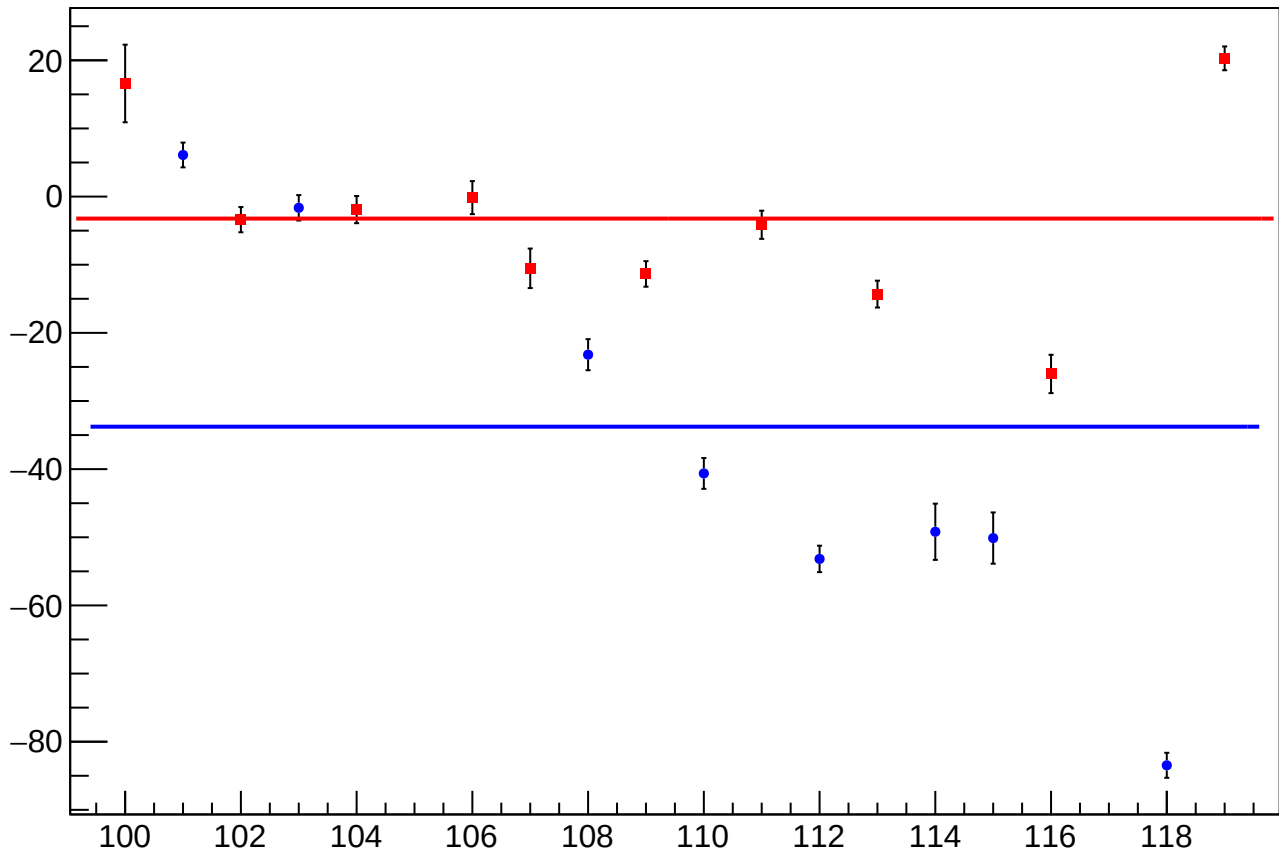
Right: 942.862 $\pm$ 0.244 χ^2 /NDF: 34837.4/17

In: 946.979 $\pm$ 0.367 χ^2 /NDF:14000.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 942.862 $\pm$ 0.244 χ^2 /NDF: 34837.4/17

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -33.769+/-0.774 χ^2/NDF : 1674.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.228+/-0.691 χ^2/NDF : 318.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

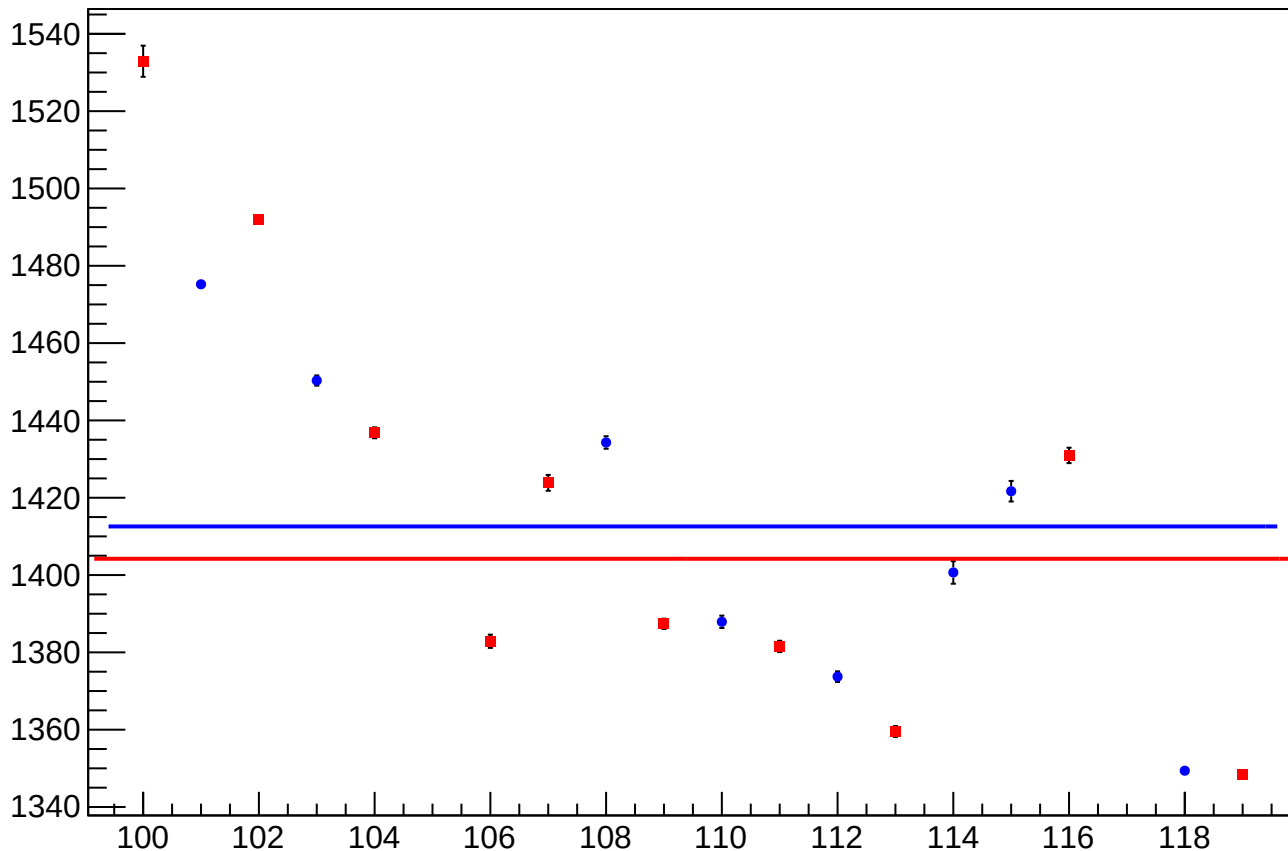
Right: -16.777+/-0.516 χ^2/NDF : 2858.9/17

In: -33.769+/-0.774 χ^2/NDF : 1674.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.777+/-0.516 χ^2/NDF : 2858.9/17

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1412.574+/-0.547 χ^2/NDF : 6812.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1404.214+/-0.489 χ^2/NDF : 9936.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

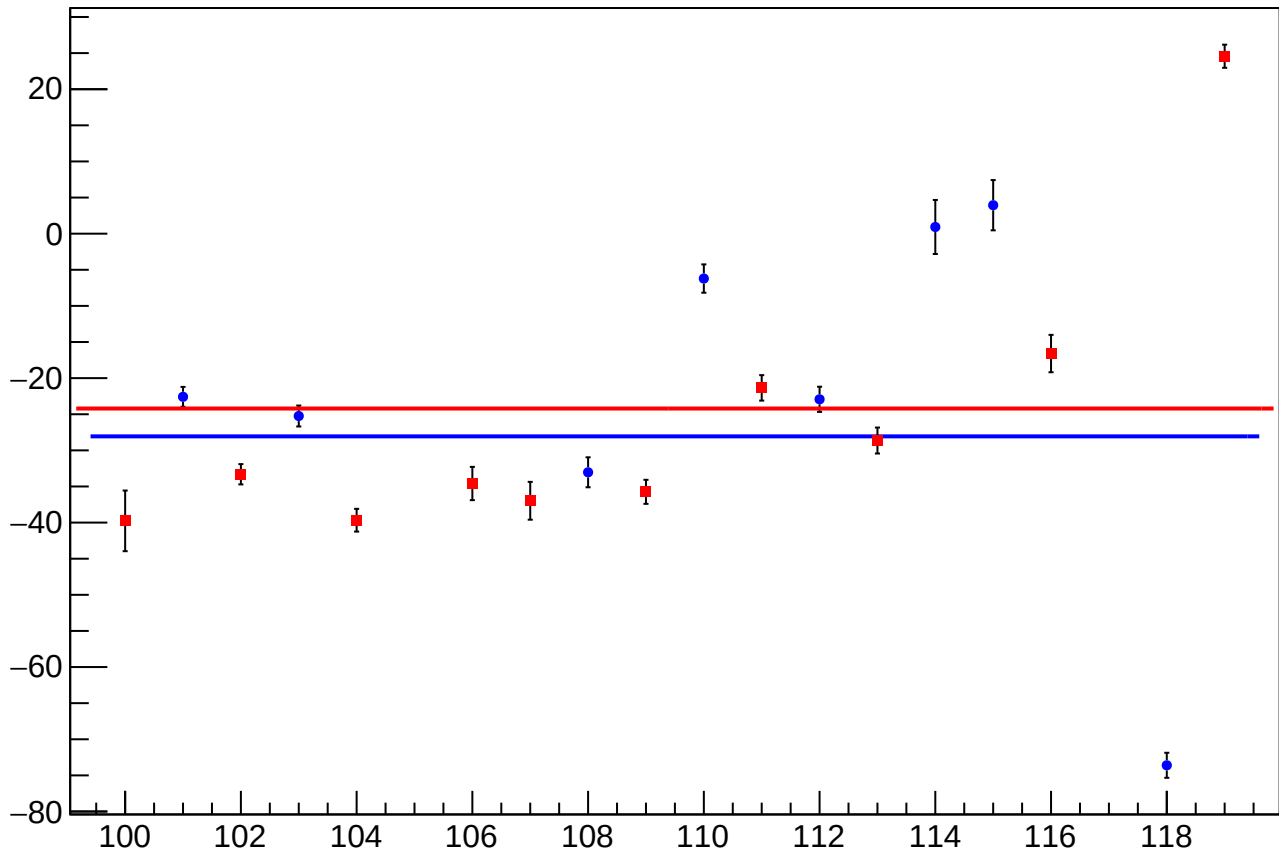
Right: 1407.922+/-0.365 χ^2/NDF : 16878.8/17

In: 1412.574+/-0.547 χ^2/NDF : 6812.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.922+/-0.365 χ^2/NDF : 16878.8/17

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -28.062 $\pm$ 0.657 χ^2 /NDF: 994.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -24.209 $\pm$ 0.594 χ^2 /NDF: 1189.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

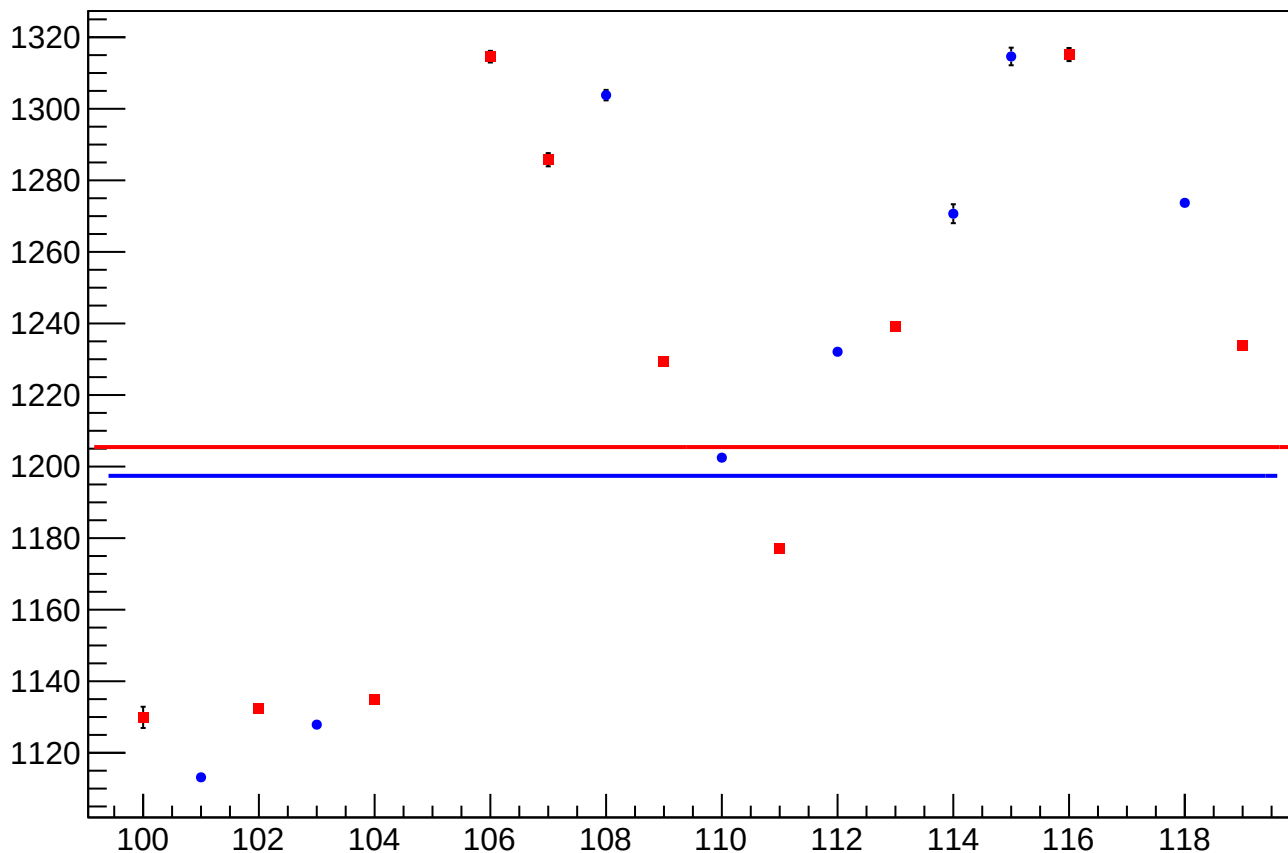
Right: -25.942 $\pm$ 0.441 χ^2 /NDF: 2202.6/17

In: -28.062 $\pm$ 0.657 χ^2 /NDF:994.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -25.942 $\pm$ 0.441 χ^2 /NDF: 2202.6/17

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1197.413+/-0.465 χ^2/NDF : 25120.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1205.452+/-0.420 χ^2/NDF : 22333.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

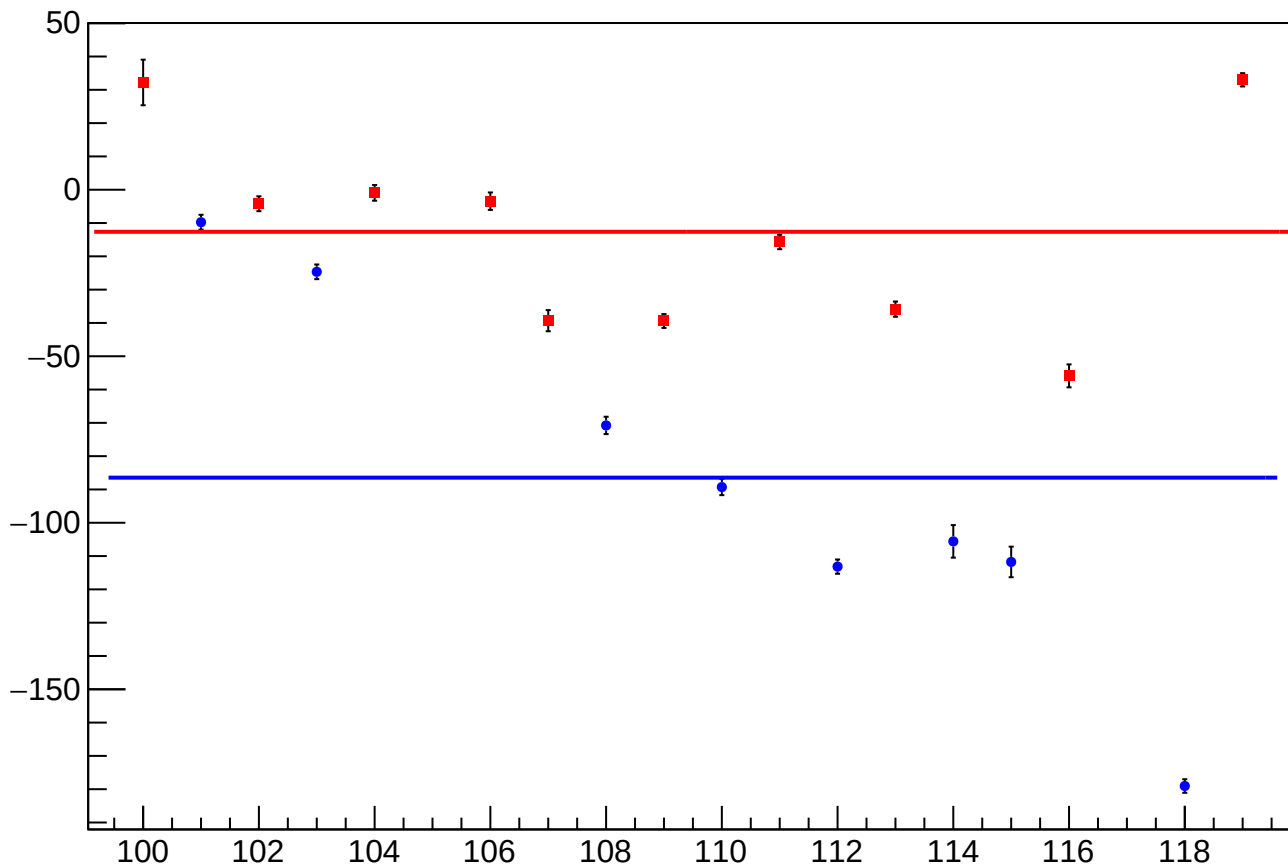
Right: 1201.837+/-0.312 χ^2/NDF : 47618.5/17

In: 1197.413+/-0.465 χ^2/NDF : 25120.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1201.837+/-0.312 χ^2/NDF : 47618.5/17

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -86.453+/-0.886 χ^2/NDF : 4281.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.631+/-0.787 χ^2/NDF : 1116.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

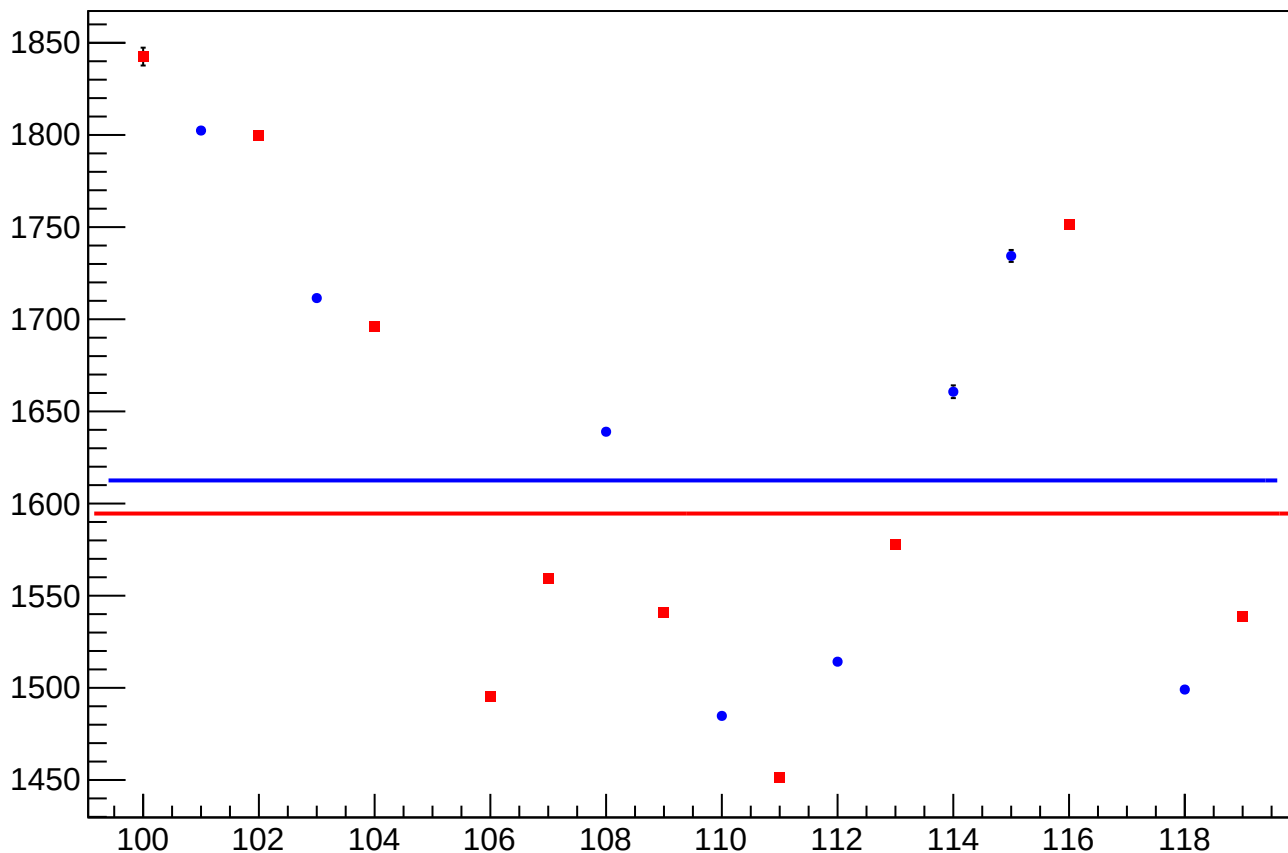
Right: -45.176+/-0.588 χ^2/NDF : 9281.6/17

In: -86.453+/-0.886 χ^2/NDF : 4281.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.176+/-0.588 χ^2/NDF : 9281.6/17

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1612.539+/-0.626 χ^2/NDF : 36428.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1594.578+/-0.556 χ^2/NDF : 42257.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

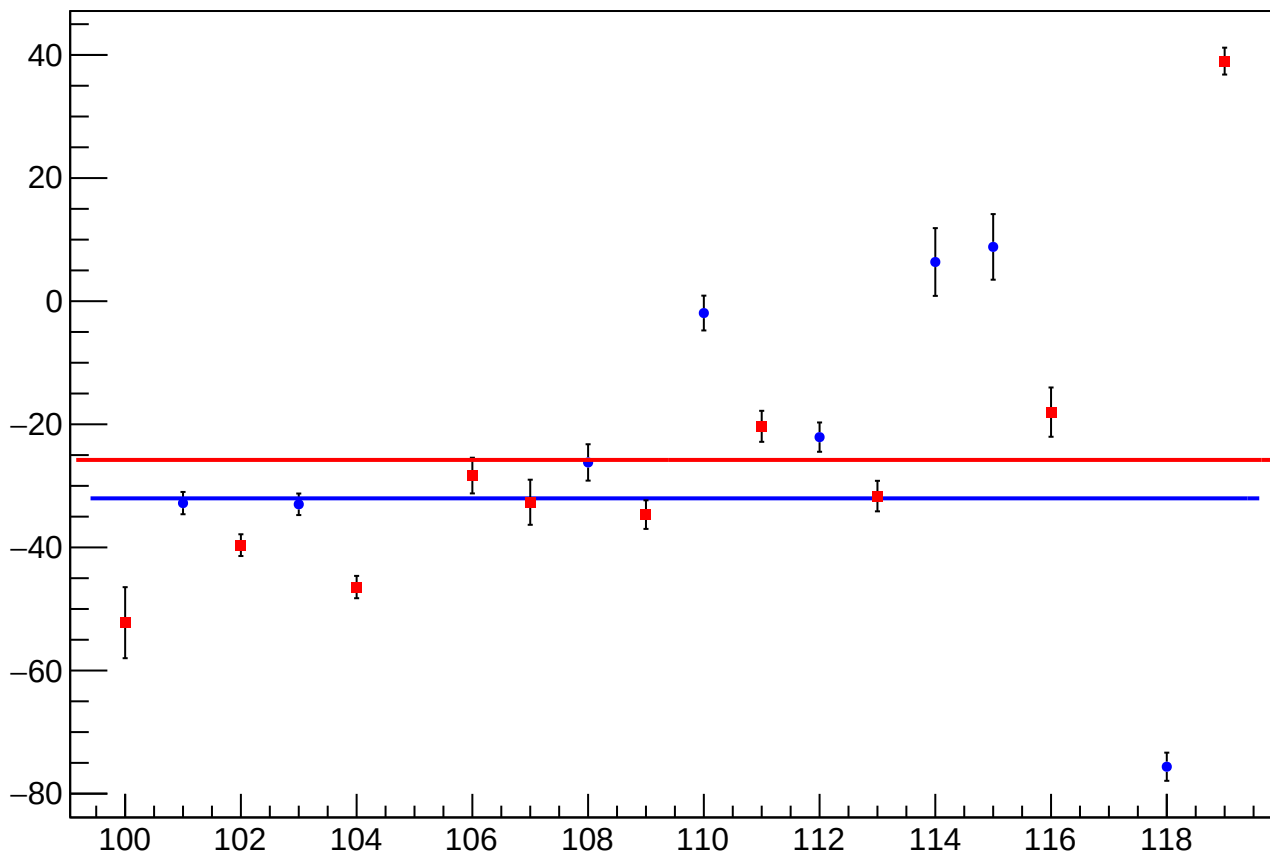
Right: 1602.496+/-0.416 χ^2/NDF : 79145.8/17

In: 1612.539+/-0.626 χ^2/NDF : 36428.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1602.496+/-0.416 χ^2/NDF : 79145.8/17

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -32.028+/-0.874 χ^2/NDF : 606.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.787+/-0.784 χ^2/NDF : 1124.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

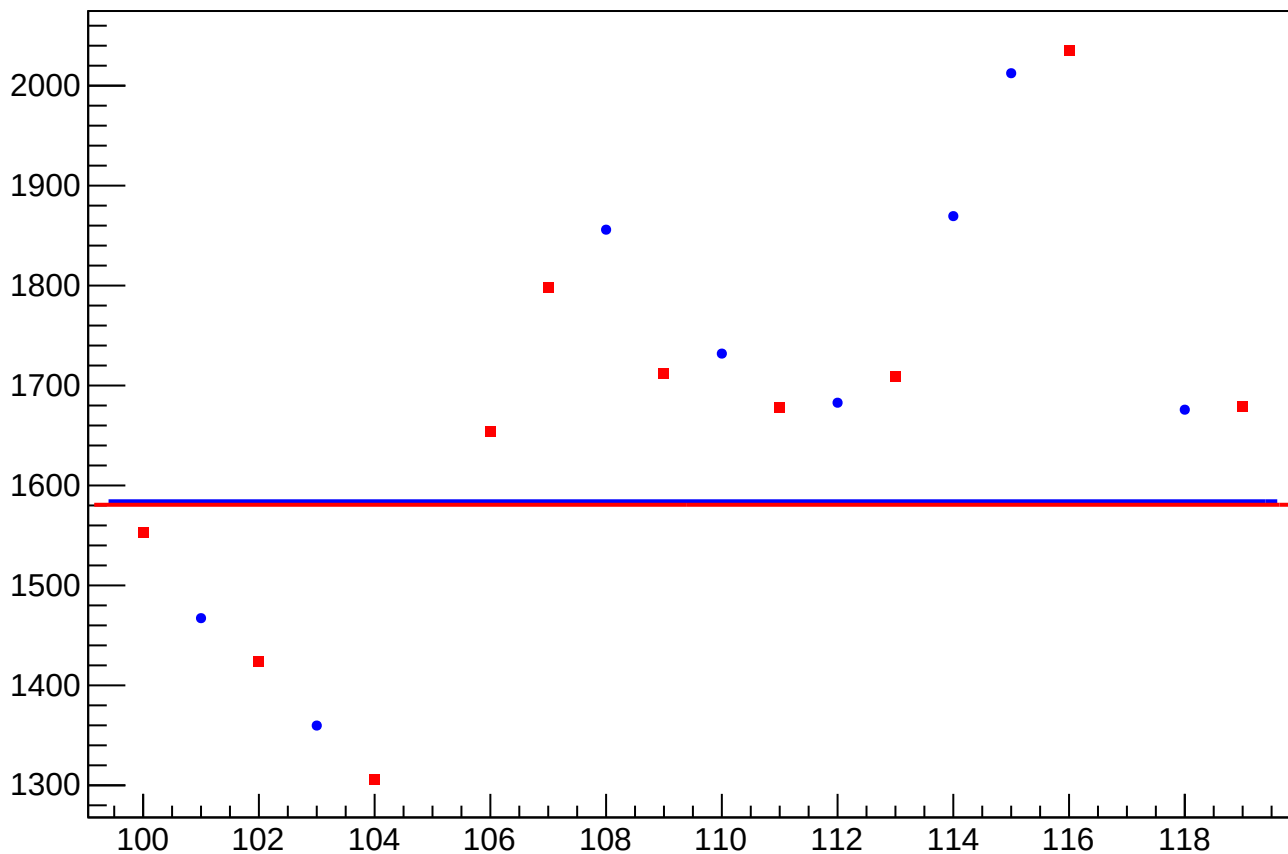
Right: -28.570+/-0.584 χ^2/NDF : 1759.3/17

In: -32.028+/-0.874 χ^2/NDF : 606.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.570+/-0.584 χ^2/NDF : 1759.3/17

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1584.174+/-0.618 χ^2/NDF : 88578.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1580.695+/-0.555 χ^2/NDF : 114575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

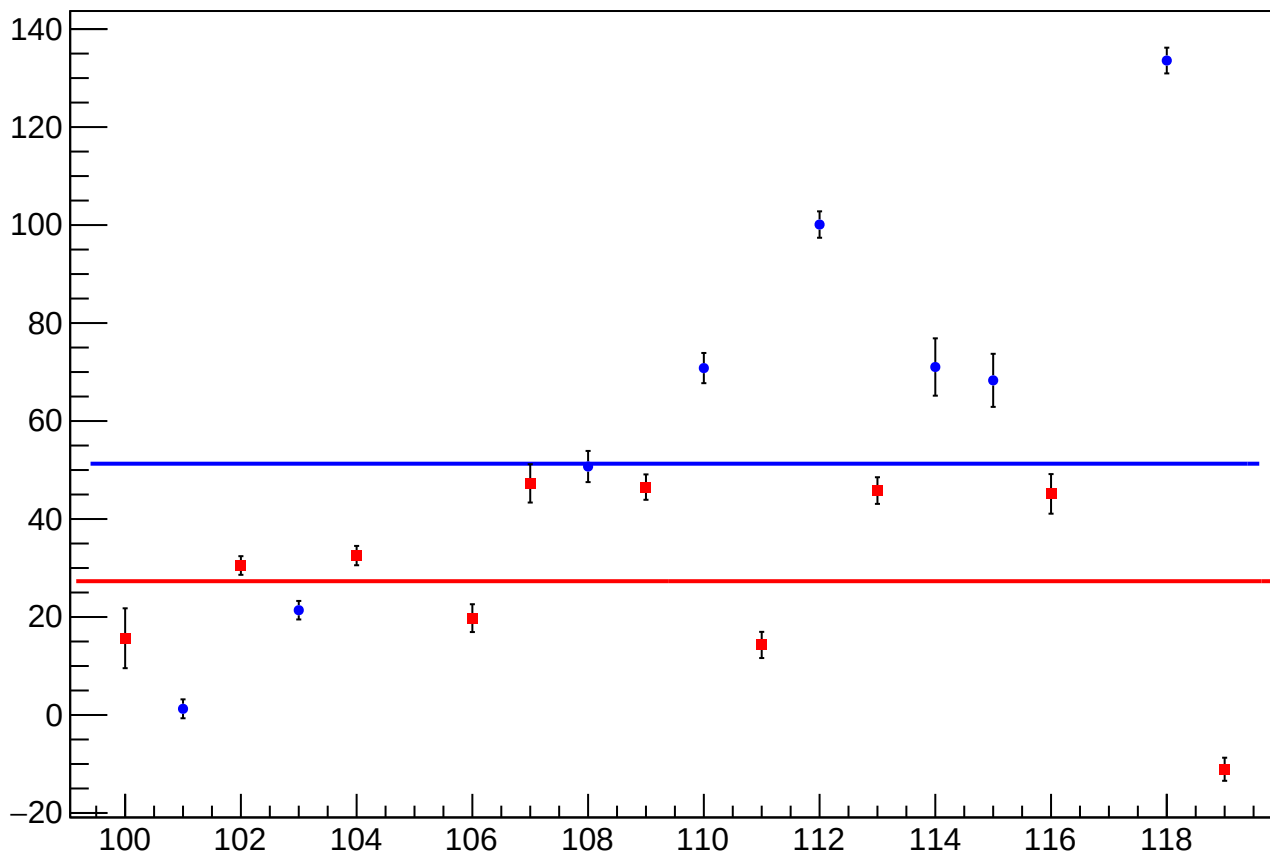
Right: 1582.247+/-0.413 χ^2/NDF : 203171.4/17

In: 1584.174+/-0.618 χ^2/NDF : 88578.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.247+/-0.413 χ^2/NDF : 203171.4/17

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 51.292+/-0.954 χ^2/NDF : 2292.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.310+/-0.841 χ^2/NDF : 456.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

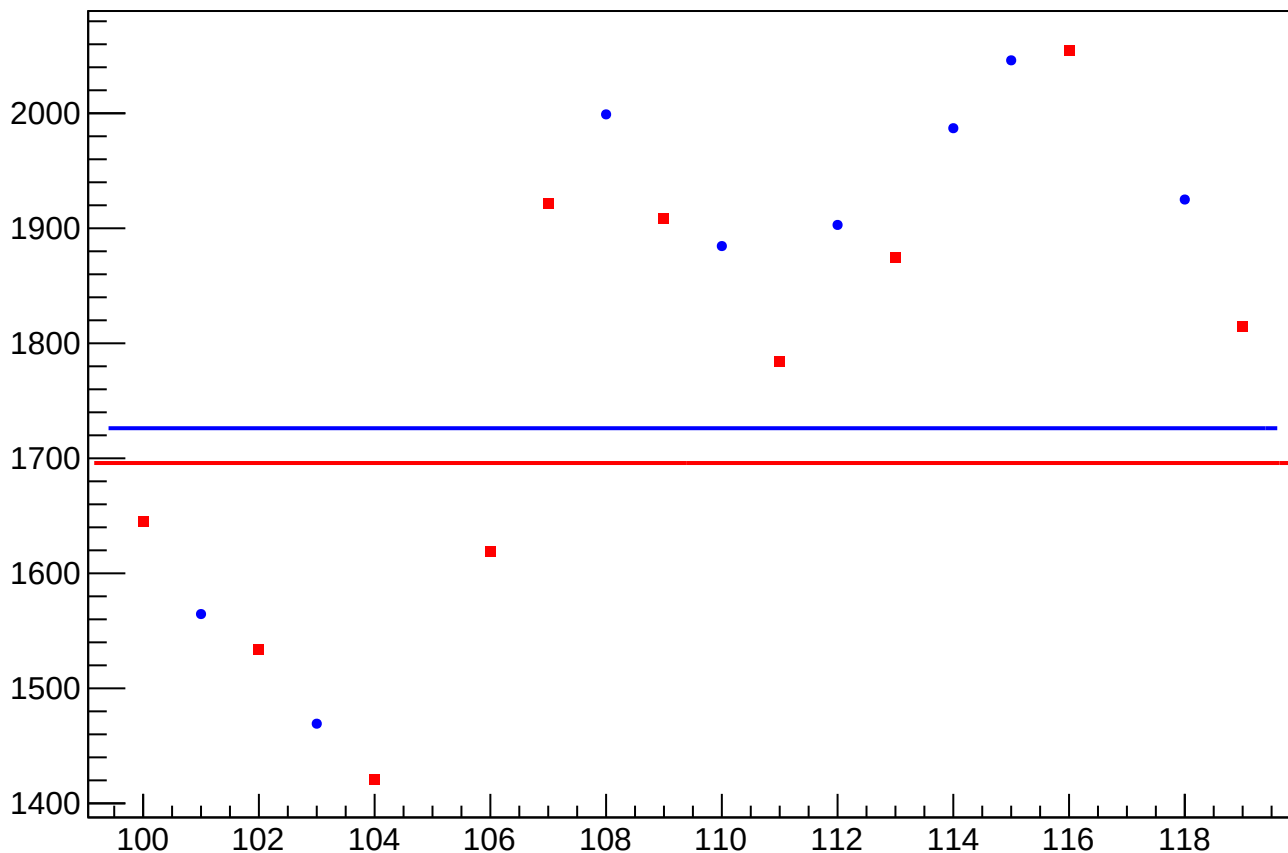
Right: 37.791+/-0.631 χ^2/NDF : 3104.8/17

In: 51.292+/-0.954 χ^2/NDF : 2292.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.791+/-0.631 χ^2/NDF : 3104.8/17

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1726.173+/-0.675 χ^2/NDF : 101973.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1695.913+/-0.595 χ^2/NDF : 106836.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

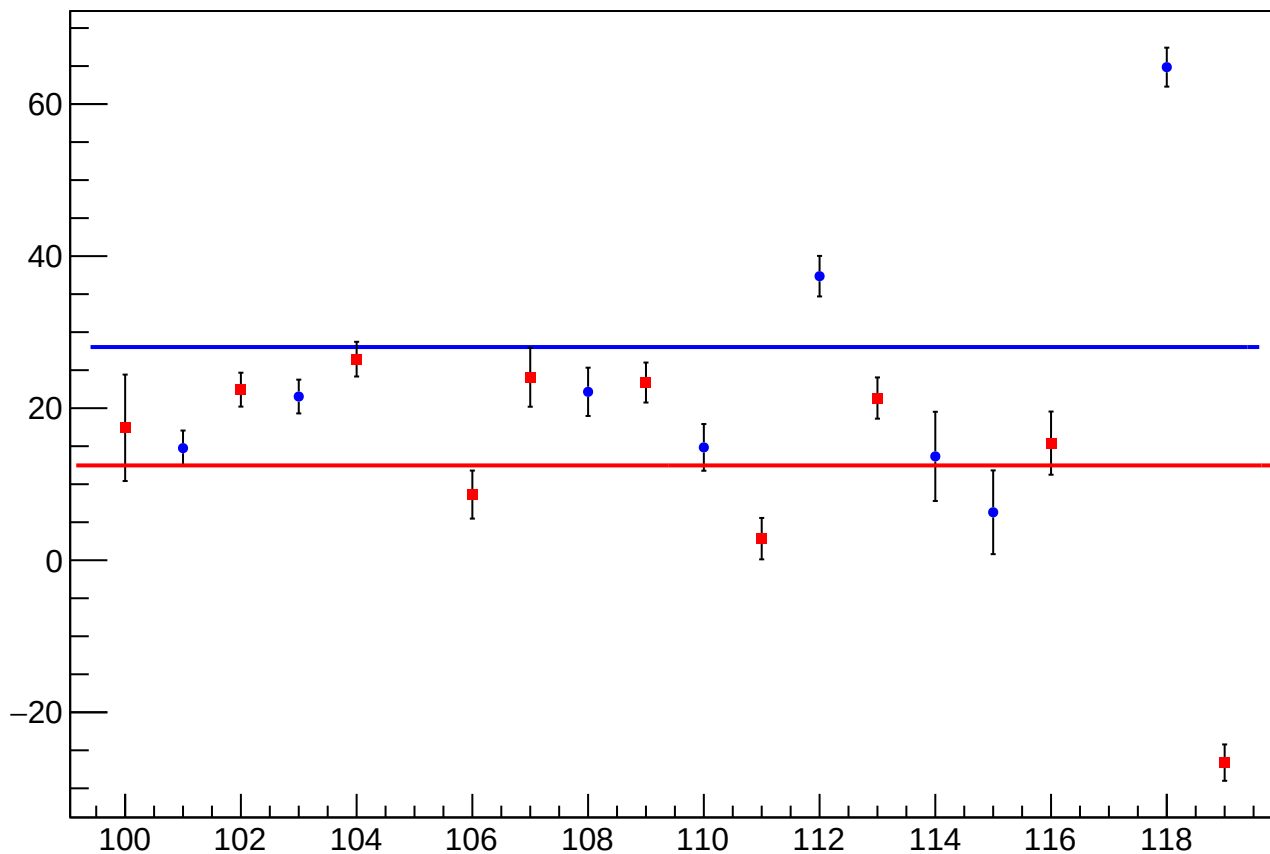
Right: 1709.138+/-0.446 χ^2/NDF : 209942.8/17

In: 1726.173+/-0.675 χ^2/NDF :101973.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1709.138+/-0.446 χ^2/NDF : 209942.8/17

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 28.042+/-1.026 χ^2/NDF : 303.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.472+/-0.902 χ^2/NDF : 376.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

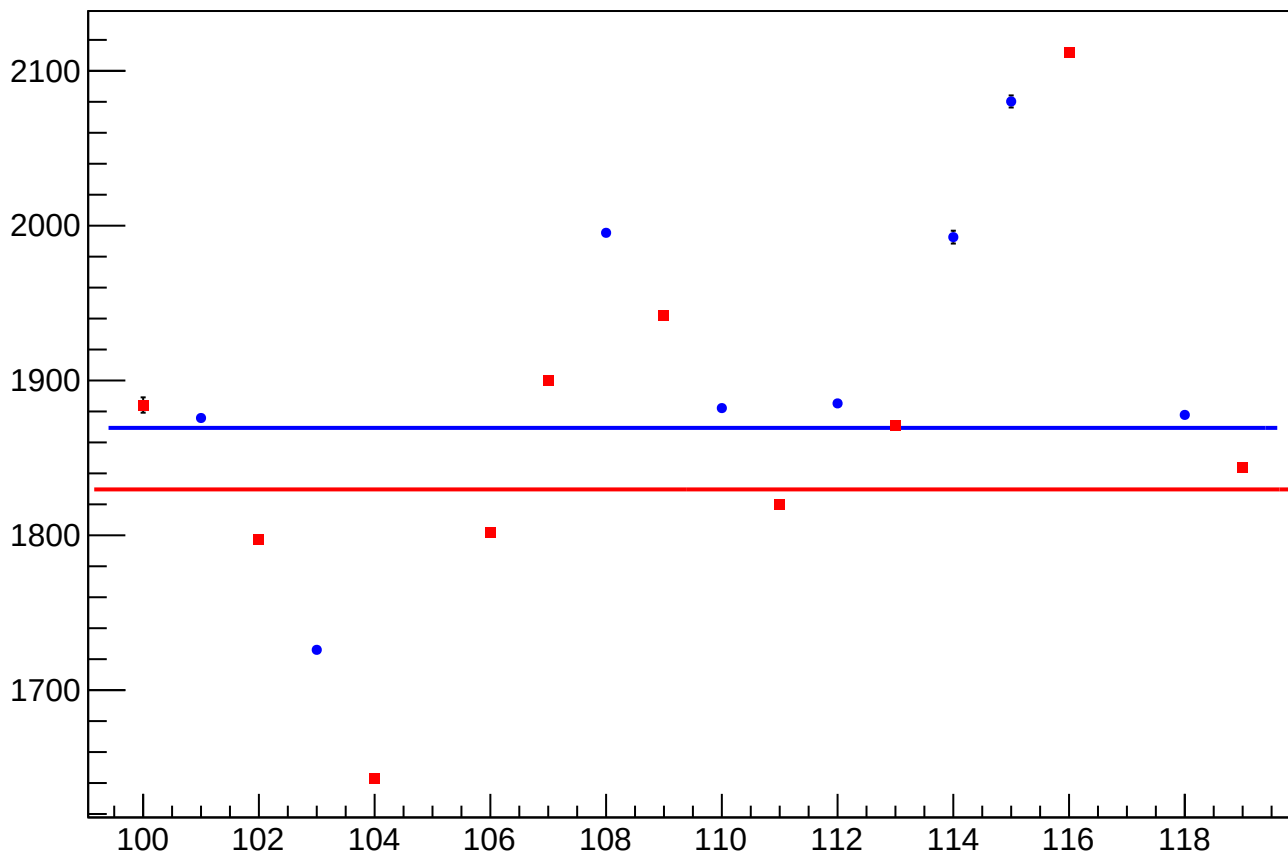
Right: 19.260+/-0.678 χ^2/NDF : 810.0/17

In: 28.042+/-1.026 χ^2/NDF : 303.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.260+/-0.678 χ^2/NDF : 810.0/17

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1869.389+/-0.726 χ^2/NDF : 15440.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1829.646+/-0.638 χ^2/NDF : 28192.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

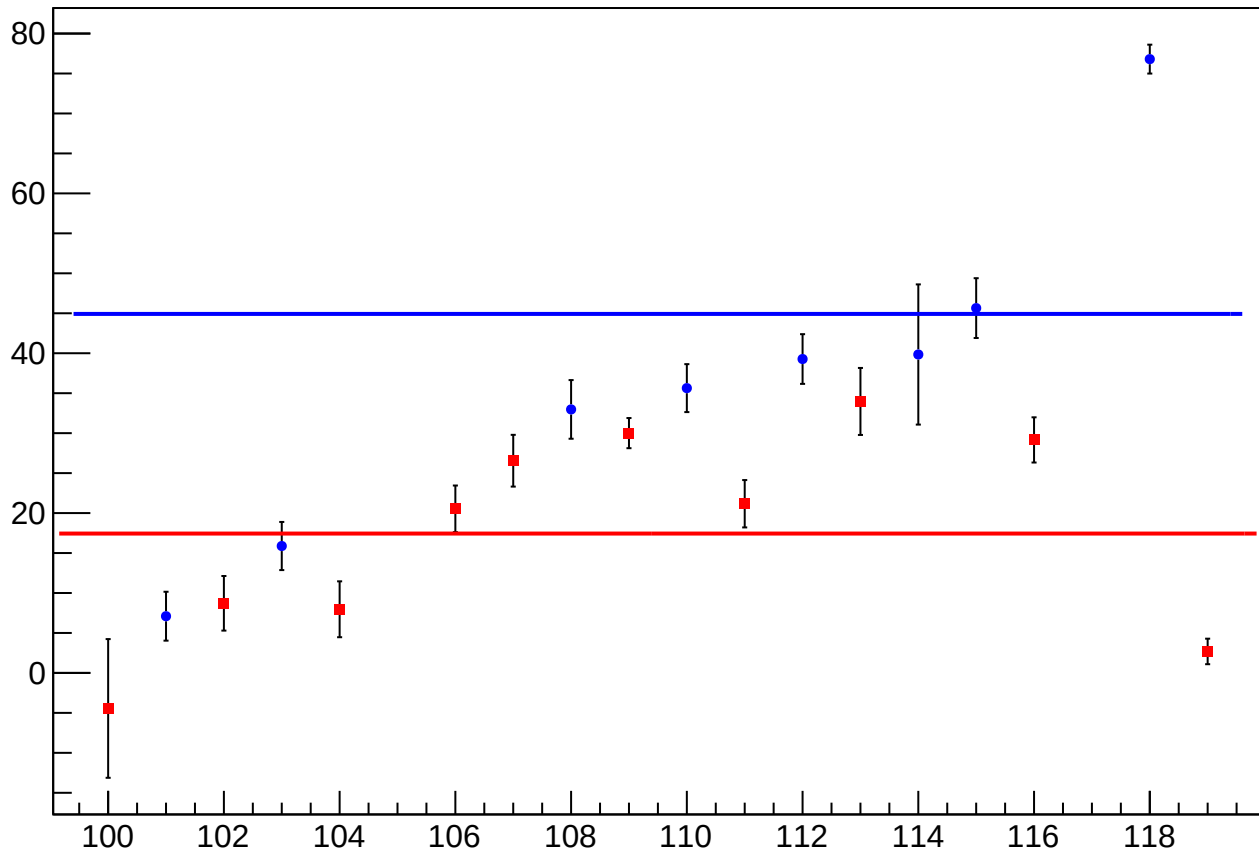
Right: 1846.974+/-0.479 χ^2/NDF : 45324.7/17

In: 1869.389+/-0.726 χ^2/NDF : 15440.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1846.974+/-0.479 χ^2/NDF : 45324.7/17

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 44.919+/-1.056 χ^2/NDF : 581.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.437+/-0.857 χ^2/NDF : 193.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

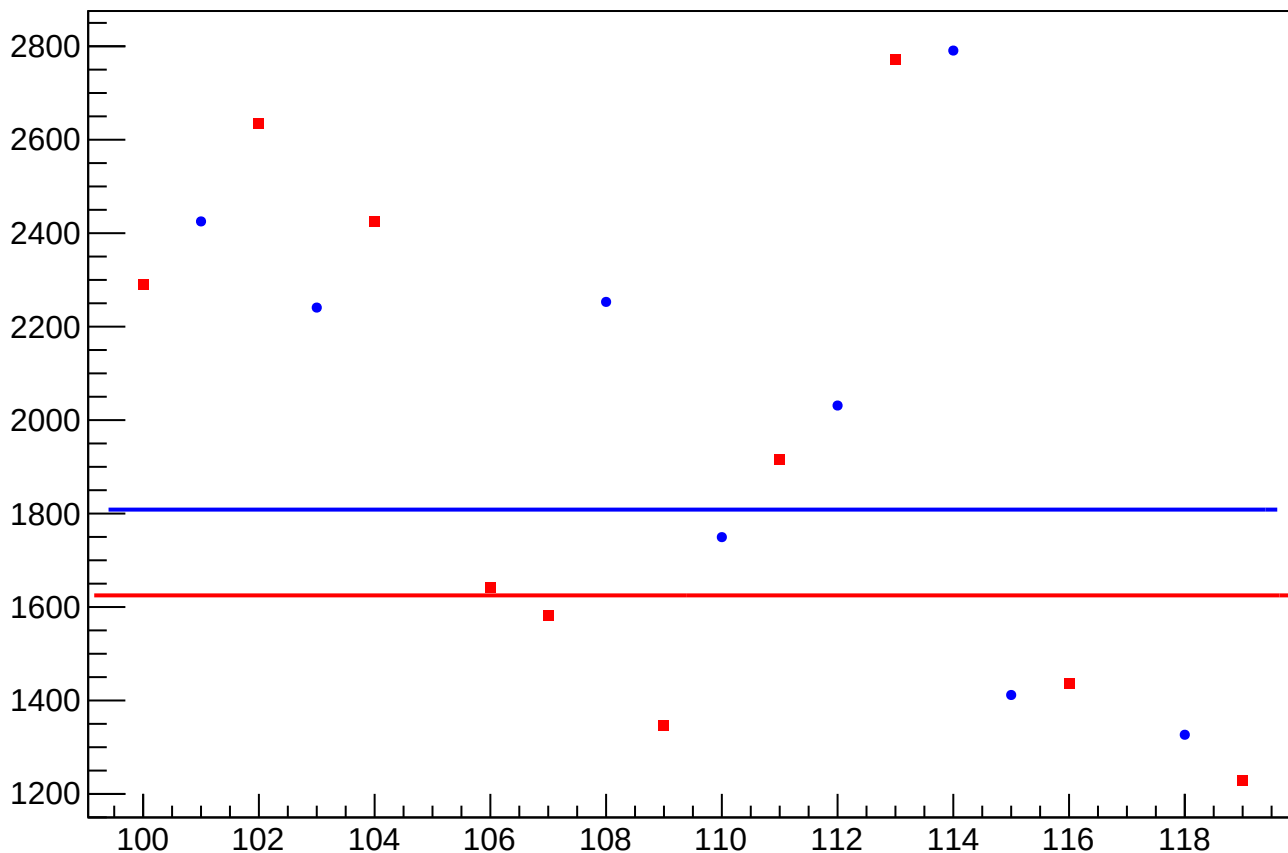
Right: 28.343+/-0.665 χ^2/NDF : 1182.7/17

In: 44.919+/-1.056 χ^2/NDF : 581.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.343+/-0.665 χ^2/NDF : 1182.7/17

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1808.475+/-0.747 χ^2/NDF : 352601.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1624.908+/-0.606 χ^2/NDF : 636315.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

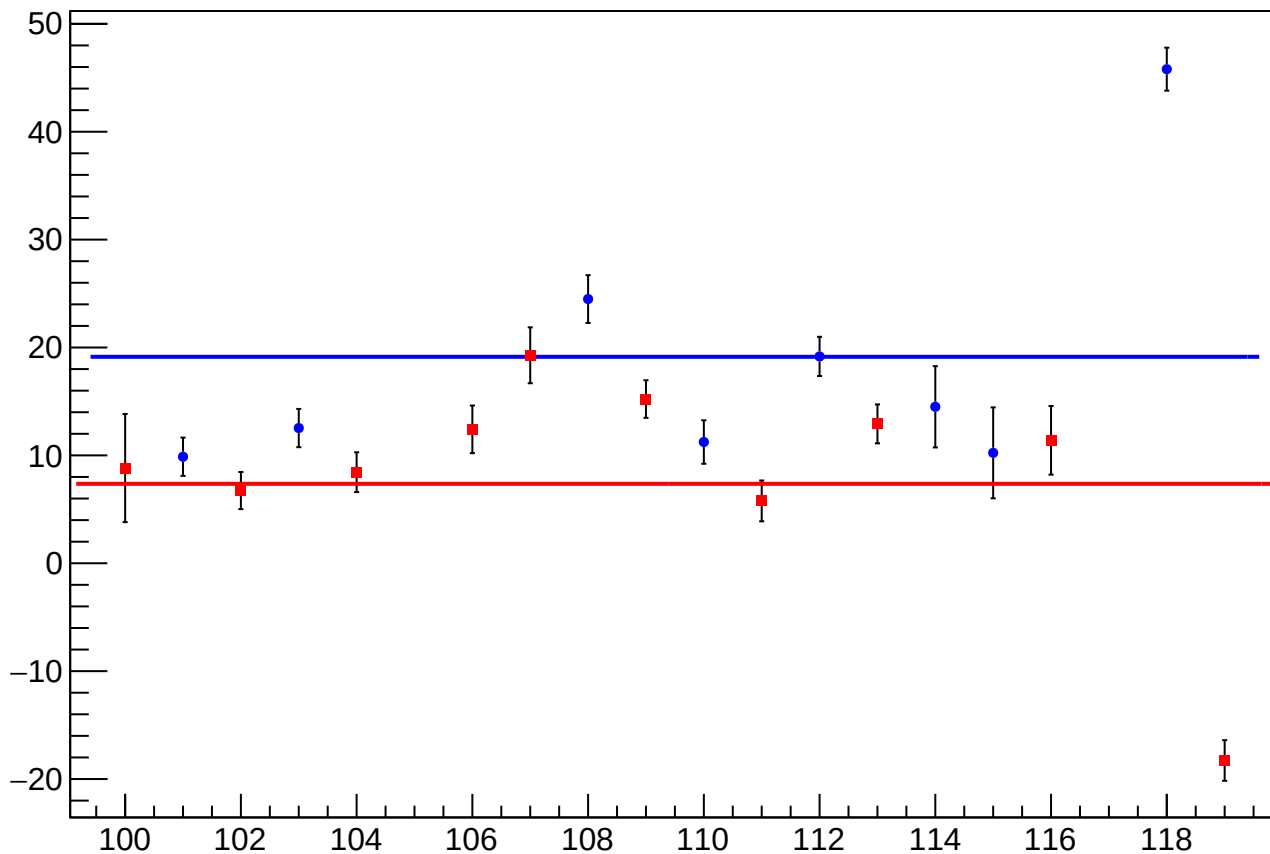
Right: 1697.753+/-0.470 χ^2/NDF : 1025362.1/17

In: 1808.475+/-0.747 χ^2/NDF : 352601.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.753+/-0.470 χ^2/NDF : 1025362.1/17

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 19.137+/-0.752 χ^2/NDF : 247.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.364+/-0.656 χ^2/NDF : 244.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

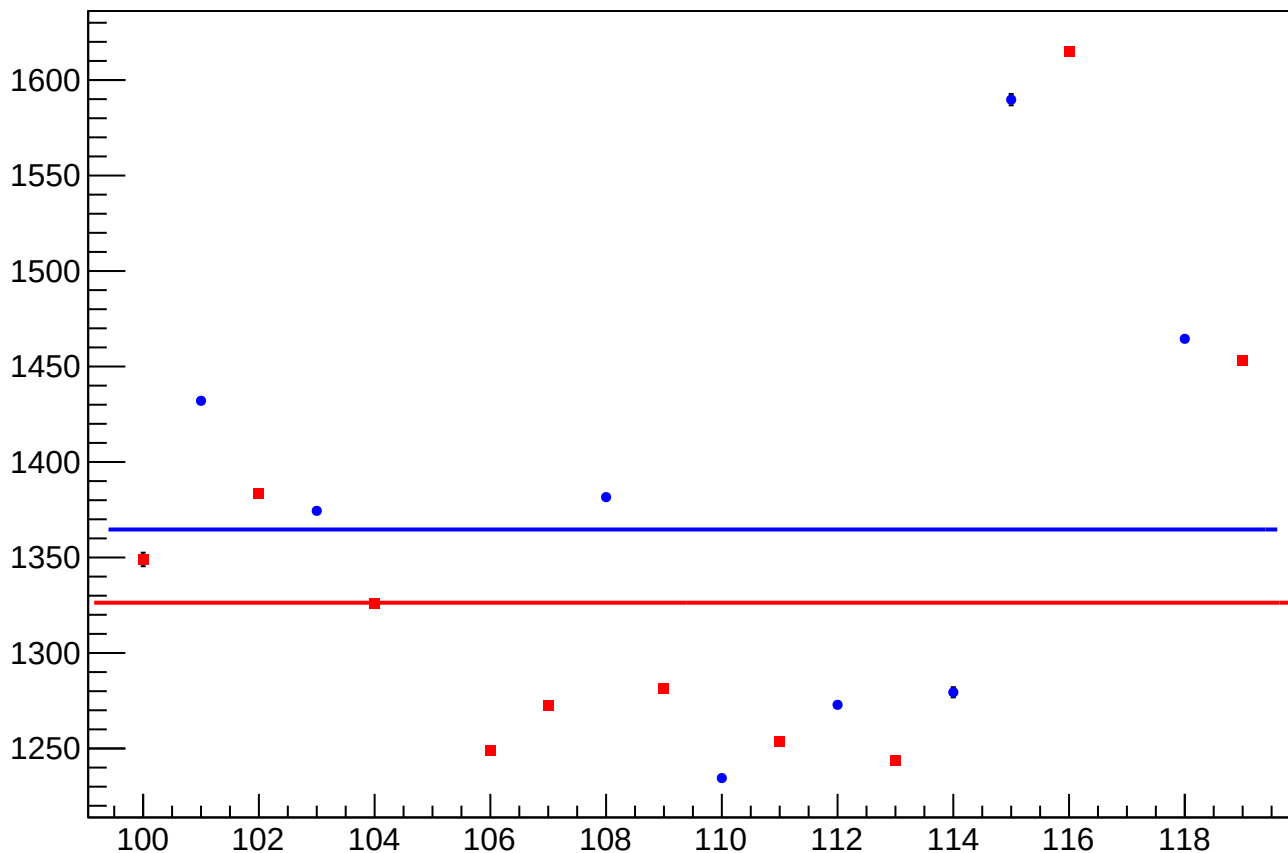
Right: 12.452+/-0.494 χ^2/NDF : 631.0/17

In: 19.137+/-0.752 χ^2/NDF : 247.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.452+/-0.494 χ^2/NDF : 631.0/17

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1364.662 $\pm$ 0.532 χ^2 /NDF: 28257.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.323 $\pm$ 0.464 χ^2 /NDF: 39539.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

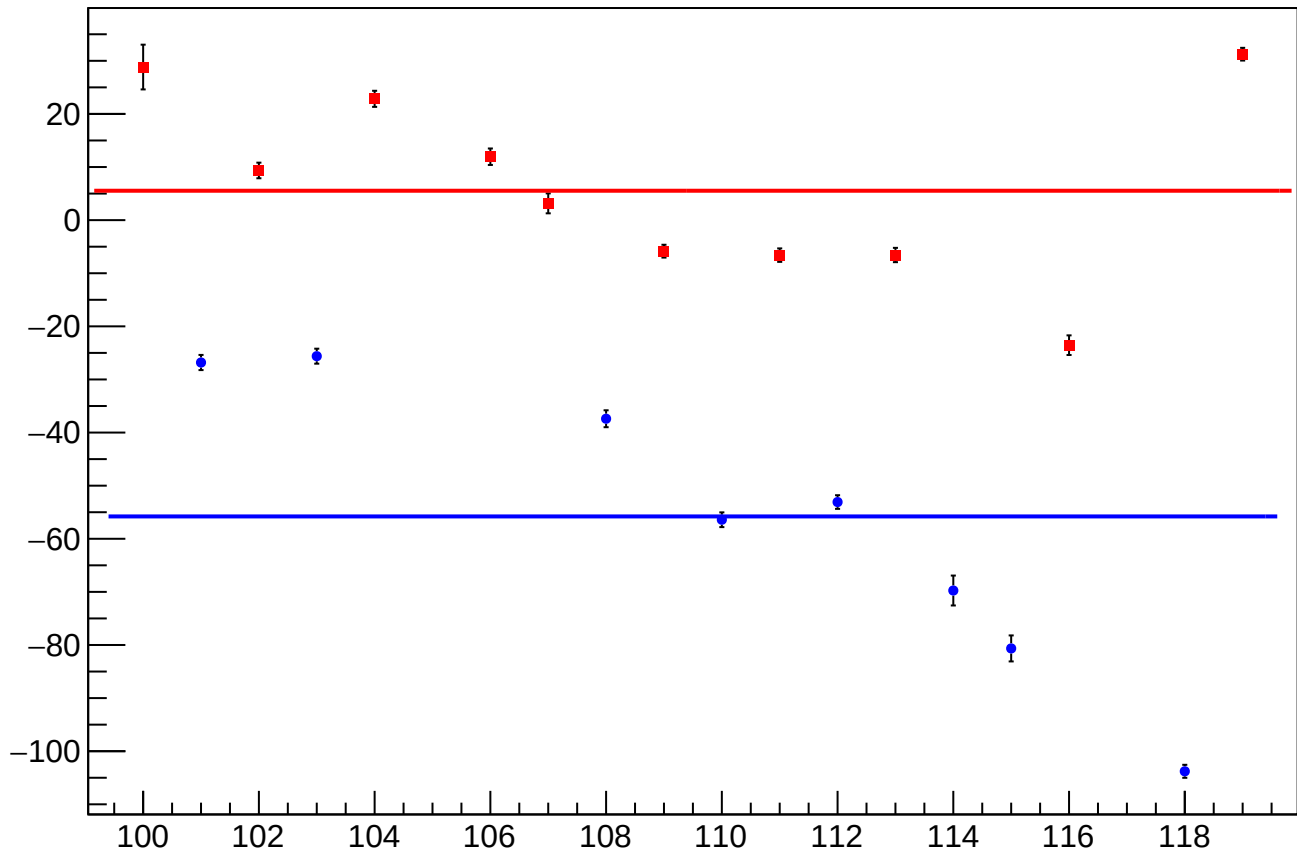
Right: 1342.894 $\pm$ 0.350 χ^2 /NDF: 70747.3/17

In: 1364.662 $\pm$ 0.532 χ^2 /NDF: 28257.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.894 $\pm$ 0.350 χ^2 /NDF: 70747.3/17

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -55.792 ± 0.537 χ^2/NDF : 2673.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.536 ± 0.471 χ^2/NDF : 1155.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

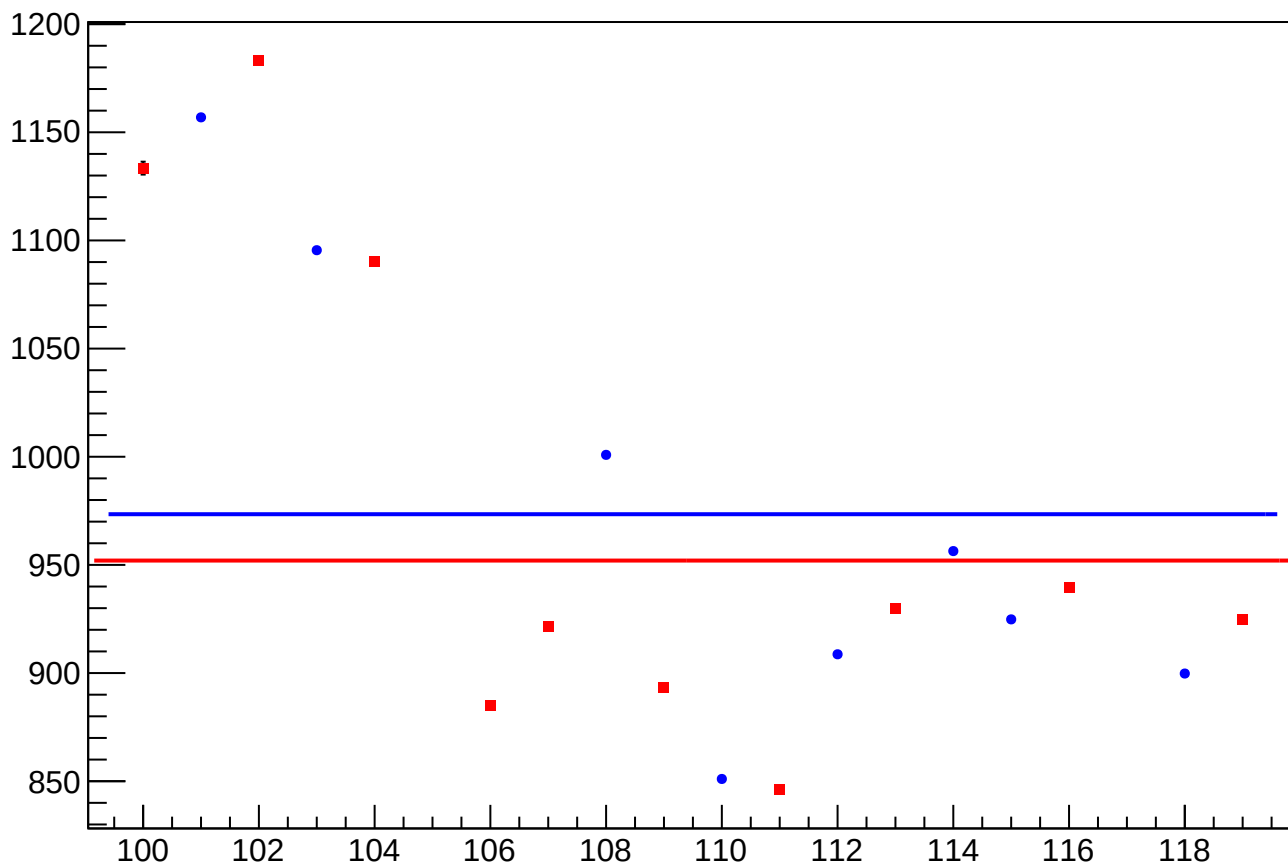
Right: -21.161 ± 0.354 χ^2/NDF : 11204.9/17

In: -55.792 ± 0.537 χ^2/NDF : 2673.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.161 ± 0.354 χ^2/NDF : 11204.9/17

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 973.434+/-0.379 χ^2/NDF : 77339.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 952.006+/-0.333 χ^2/NDF : 94506.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

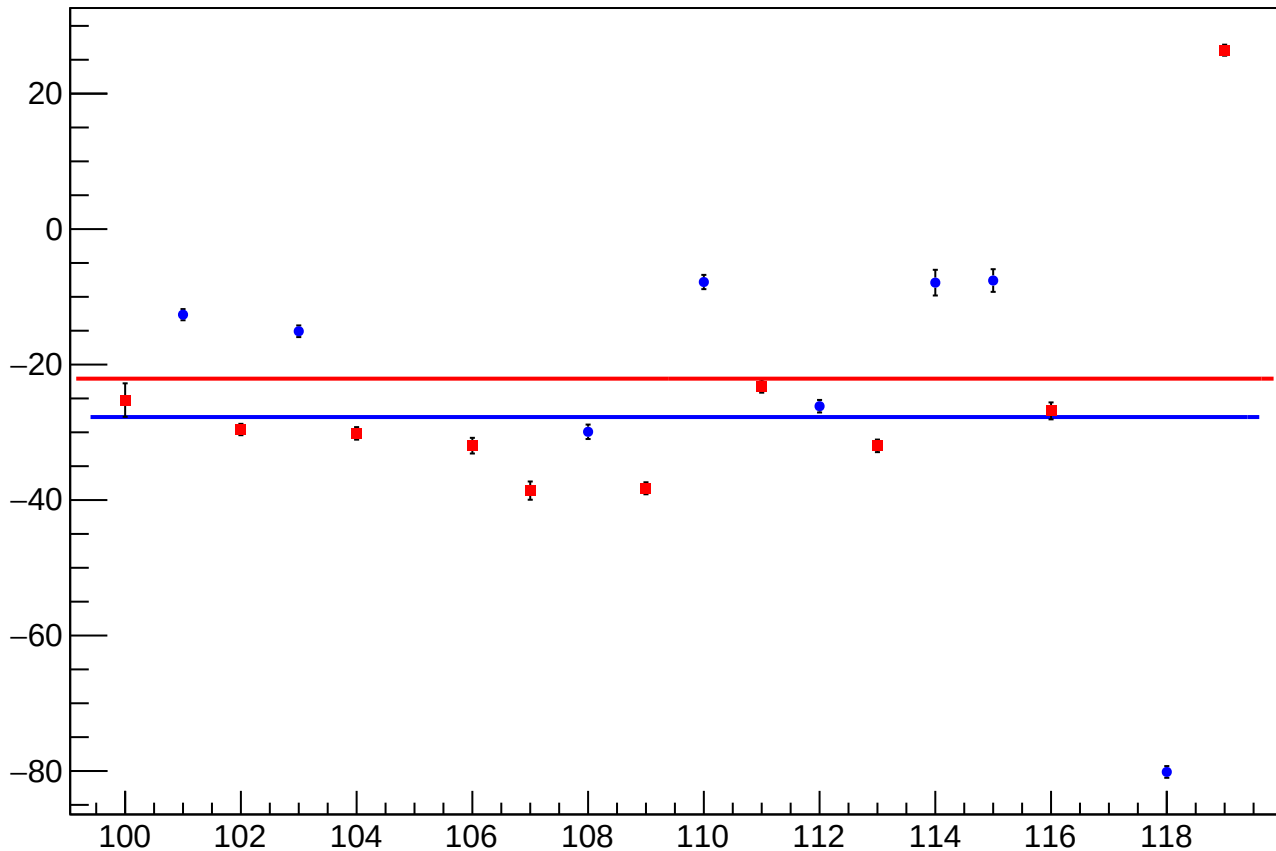
Right: 961.334+/-0.250 χ^2/NDF : 173647.1/17

In: 973.434+/-0.379 χ^2/NDF : 77339.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.334+/-0.250 χ^2/NDF : 173647.1/17

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -27.746 $\pm$ 0.360 χ^2 /NDF: 4835.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.078 $\pm$ 0.321 χ^2 /NDF: 4408.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

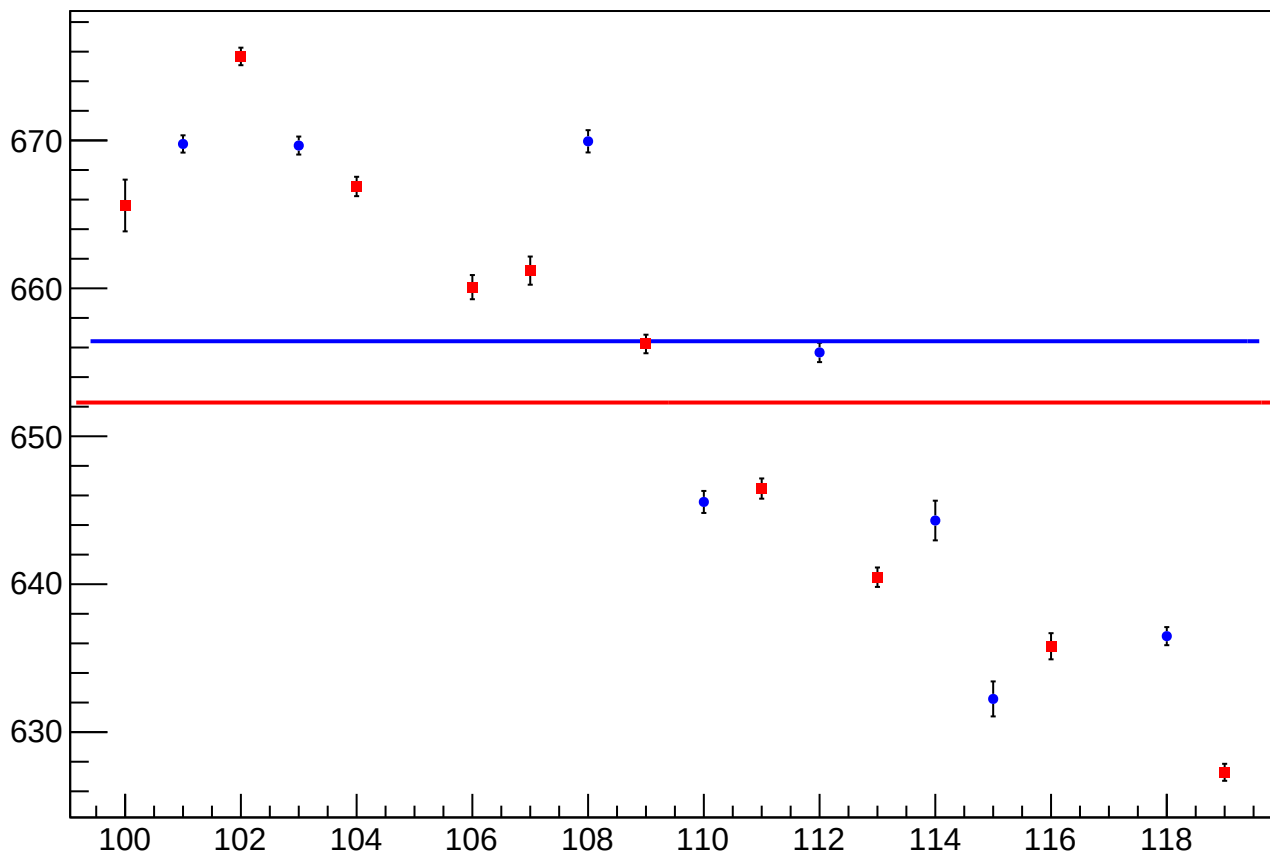
Right: -24.591 $\pm$ 0.239 χ^2 /NDF: 9381.5/17

In: -27.746 $\pm$ 0.360 χ^2 /NDF: 4835.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.591 $\pm$ 0.239 χ^2 /NDF: 9381.5/17

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 656.425+/-0.254 χ^2/NDF : 3090.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 652.281+/-0.227 χ^2/NDF : 4969.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

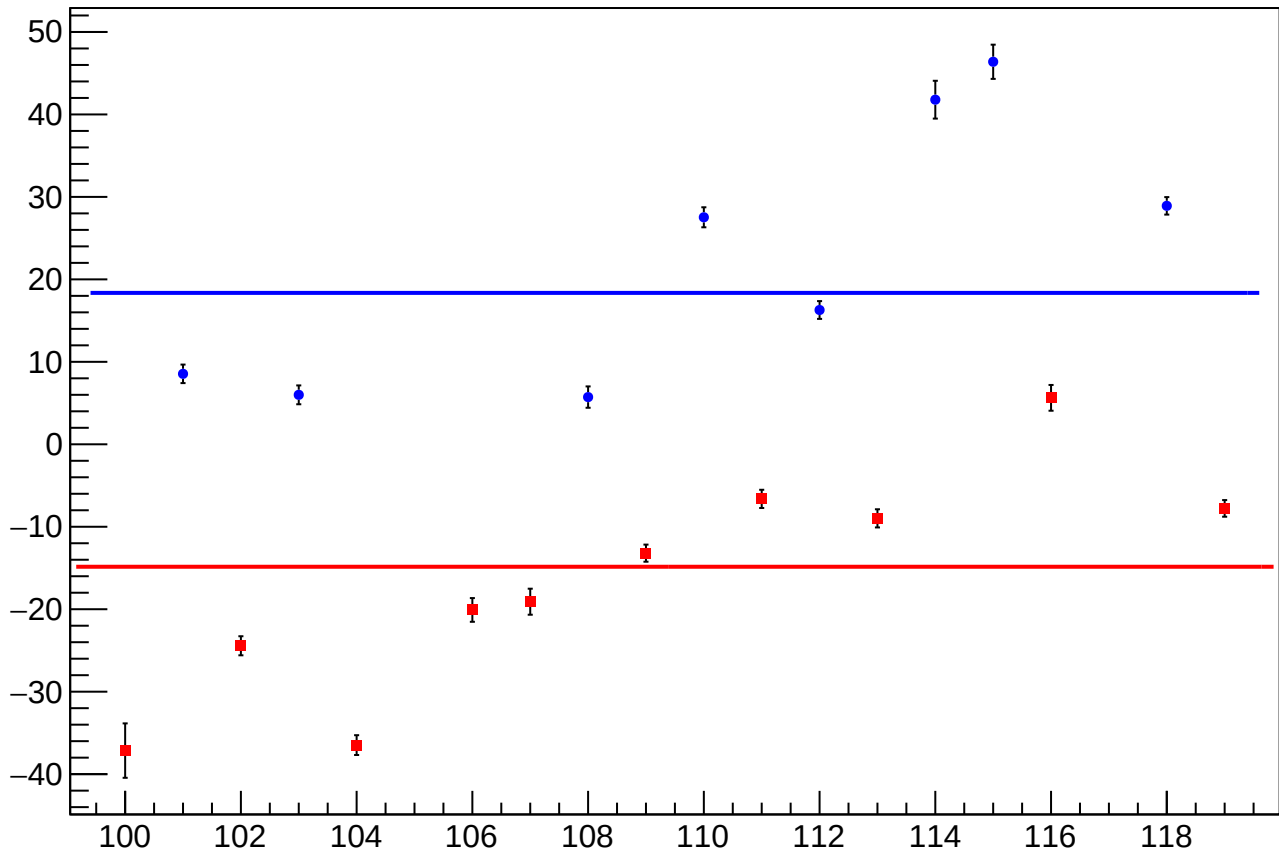
Right: 654.118+/-0.169 χ^2/NDF : 8207.5/17

In: 656.425+/-0.254 χ^2/NDF :3090.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 654.118+/-0.169 χ^2/NDF : 8207.5/17

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 18.360+/-0.447 χ^2/NDF : 735.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.849+/-0.396 χ^2/NDF : 766.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

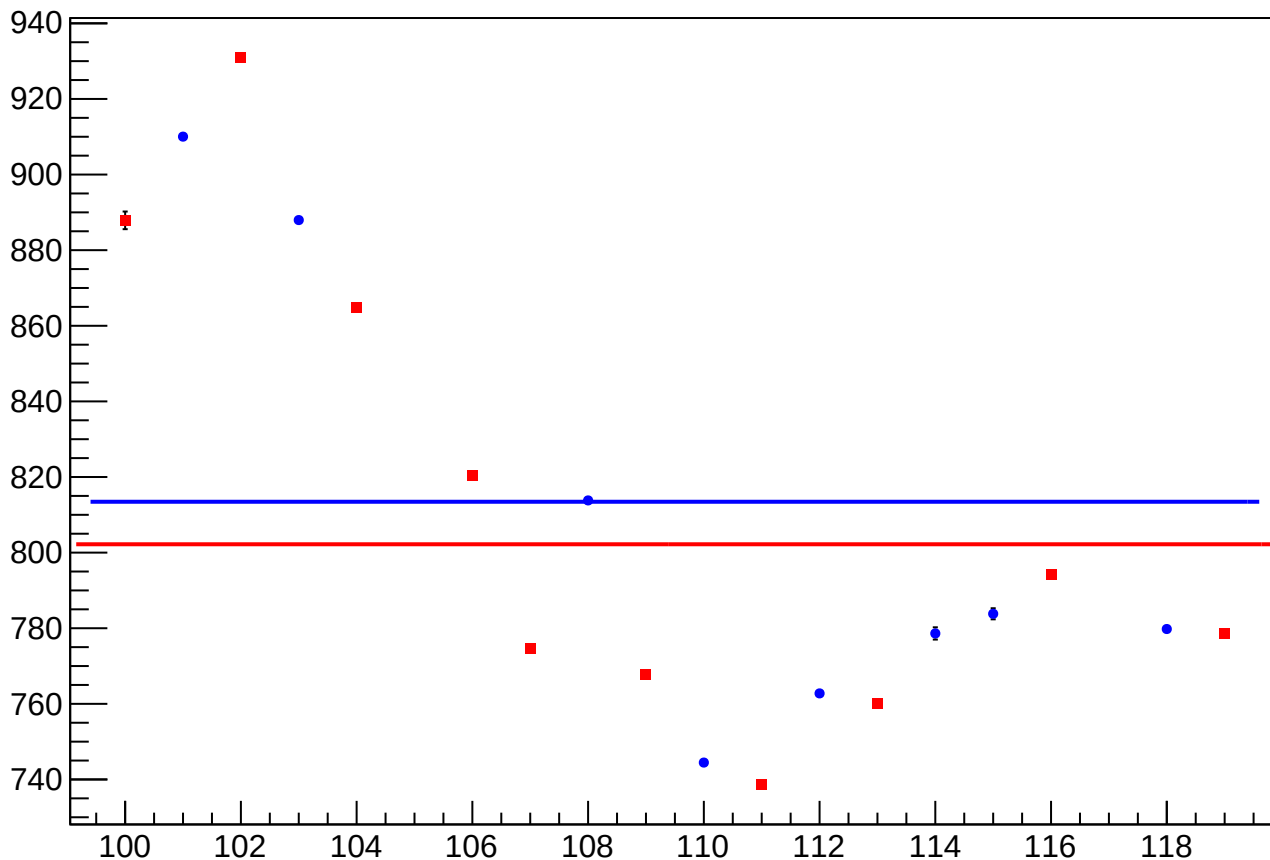
Right: -0.252+/-0.296 χ^2/NDF : 4597.2/17

In: 18.360+/-0.447 χ^2/NDF : 735.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.252+/-0.296 χ^2/NDF : 4597.2/17

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 813.455+/-0.316 χ^2/NDF : 37074.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 802.210+/-0.280 χ^2/NDF : 45422.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

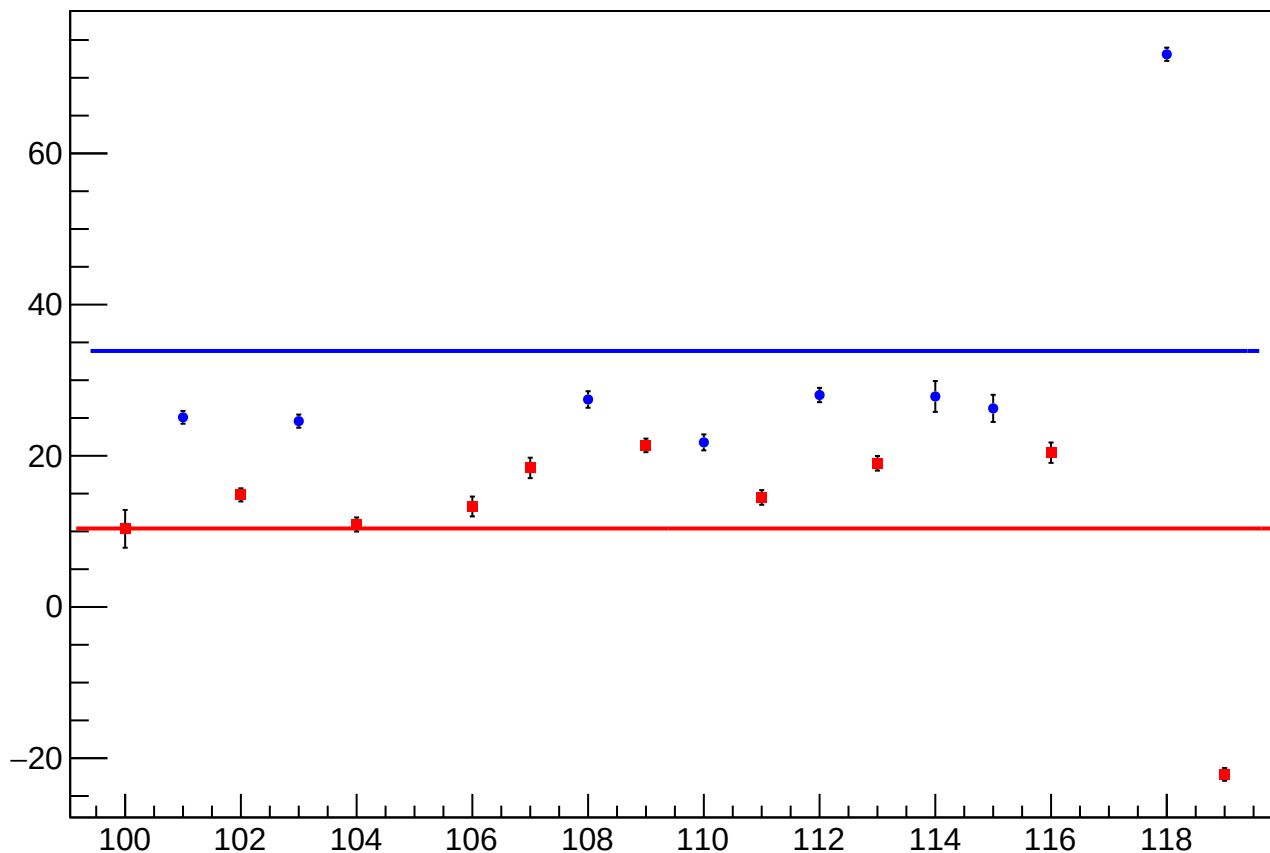
Right: 807.153+/-0.210 χ^2/NDF : 83206.9/17

In: 813.455+/-0.316 χ^2/NDF : 37074.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 807.153+/-0.210 χ^2/NDF : 83206.9/17

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 33.867 $\pm$ 0.367 χ^2 /NDF: 2458.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.386 $\pm$ 0.332 χ^2 /NDF: 1844.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

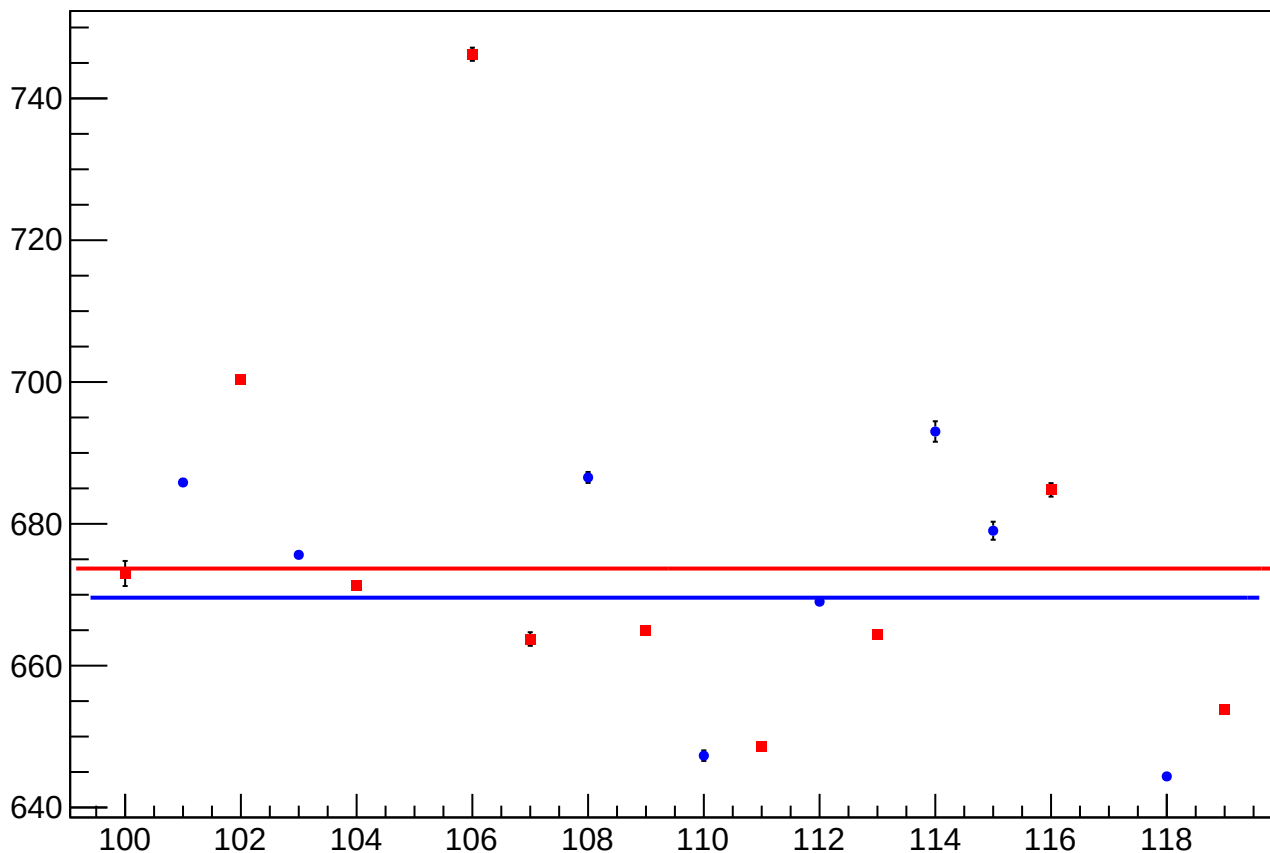
Right: 20.947 $\pm$ 0.246 χ^2 /NDF: 6556.6/17

In: 33.867 $\pm$ 0.367 χ^2 /NDF:2458.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.947 $\pm$ 0.246 χ^2 /NDF: 6556.6/17

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 669.588 $\pm$ 0.259 χ^2 /NDF: 4183.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 673.696 $\pm$ 0.235 χ^2 /NDF: 11064.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

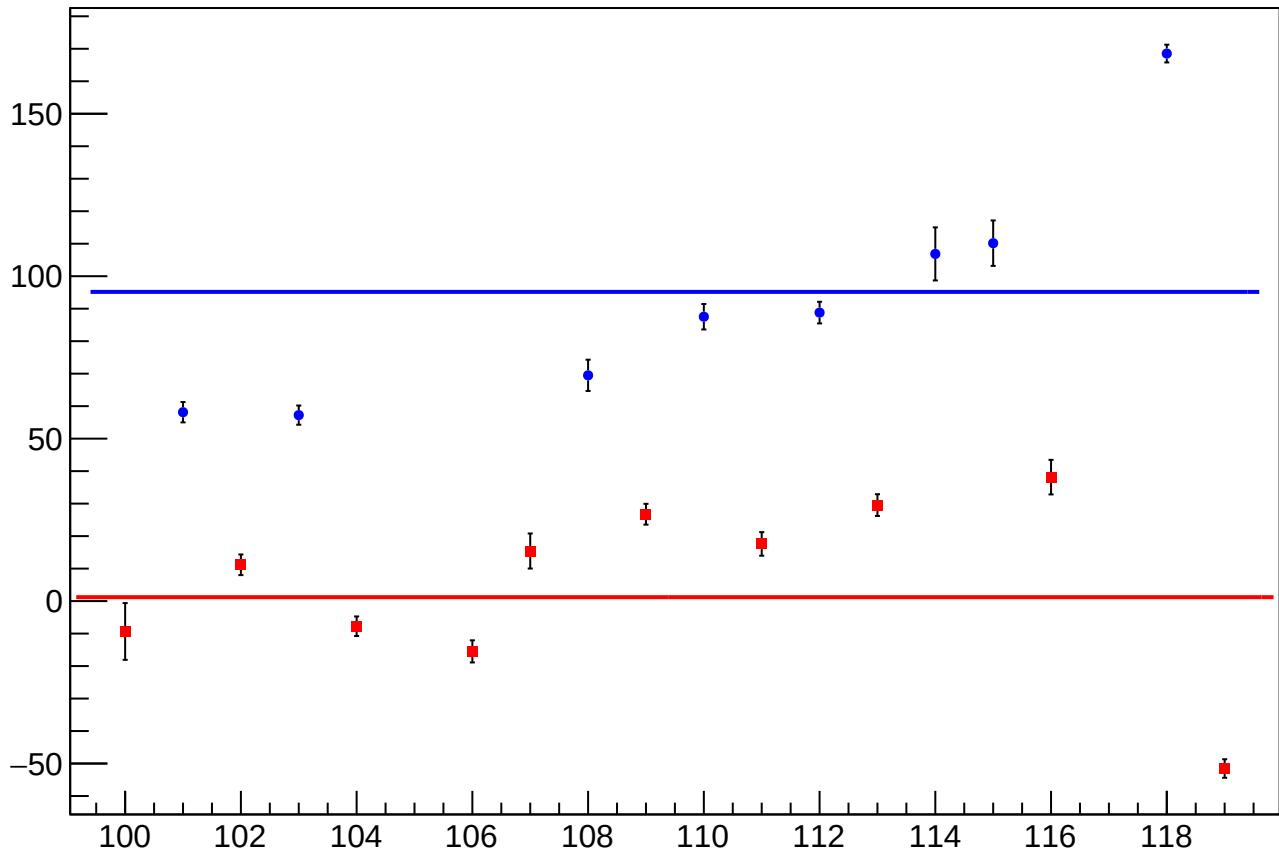
Right: 671.848 $\pm$ 0.174 χ^2 /NDF: 15385.7/17

In: 669.588 $\pm$ 0.259 χ^2 /NDF:4183.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 671.848 $\pm$ 0.174 χ^2 /NDF: 15385.7/17

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 95.169 $\pm$ 1.309 χ^2/NDF : 1066.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1.206 $\pm$ 1.144 χ^2/NDF : 596.4/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

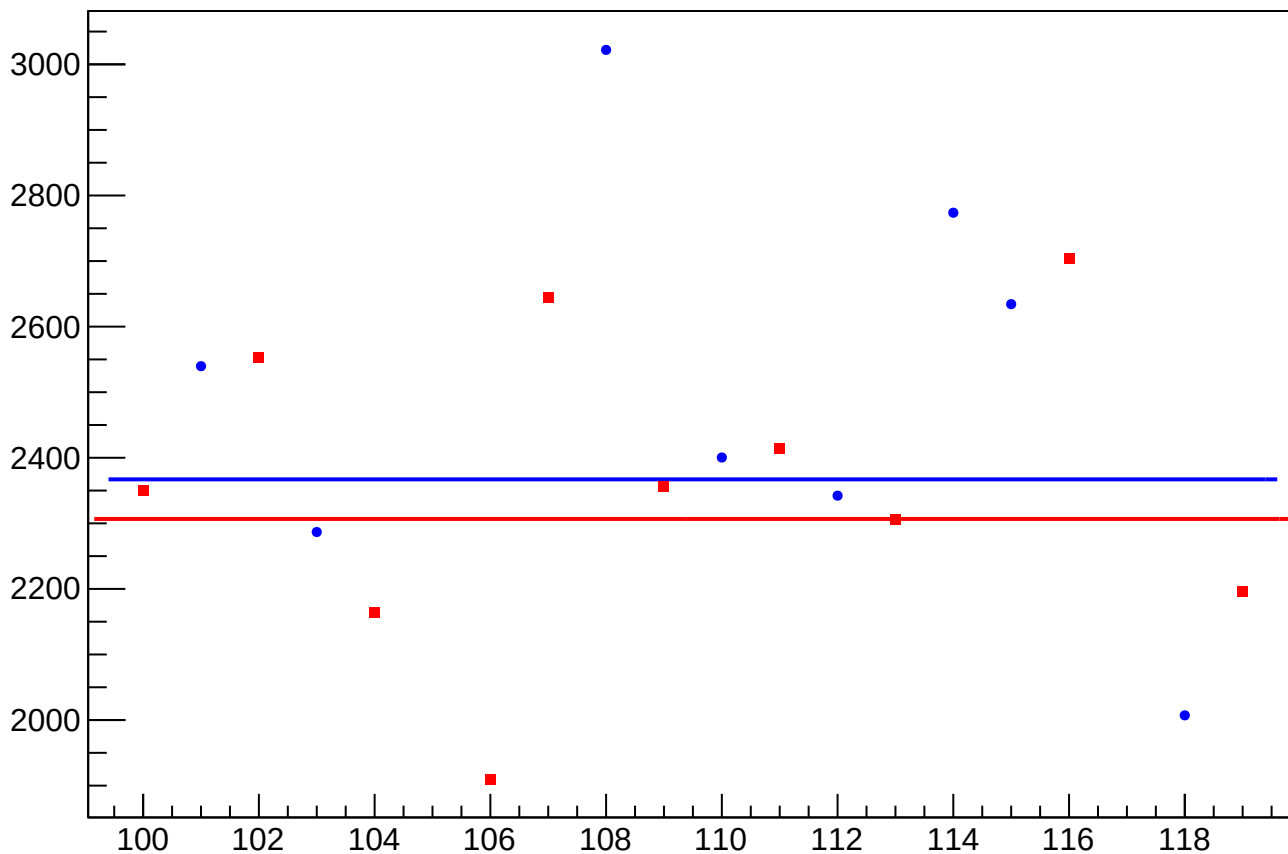
Right: 41.907 $\pm$ 0.861 χ^2/NDF : 4584.9/17

In: 95.169 $\pm$ 1.309 χ^2/NDF : 1066.4/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 41.907 $\pm$ 0.861 χ^2/NDF : 4584.9/17

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2367.059+/-0.925 χ^2/NDF : 87351.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2306.704+/-0.809 χ^2/NDF : 68183.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

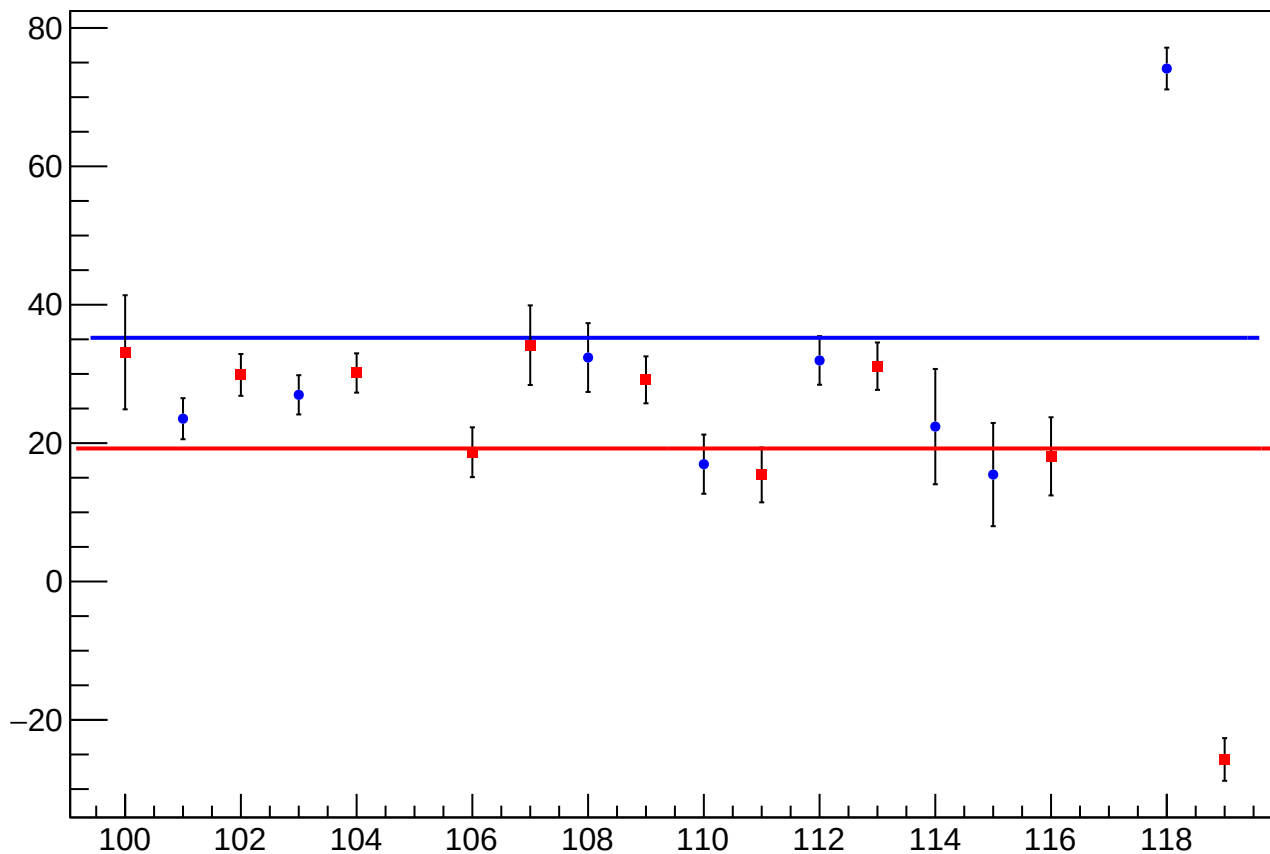
Right: 2332.847+/-0.609 χ^2/NDF : 157945.9/17

In: 2367.059+/-0.925 χ^2/NDF : 87351.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2332.847+/-0.609 χ^2/NDF : 157945.9/17

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 35.221+/-1.341 χ^2/NDF : 219.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.225+/-1.172 χ^2/NDF : 270.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

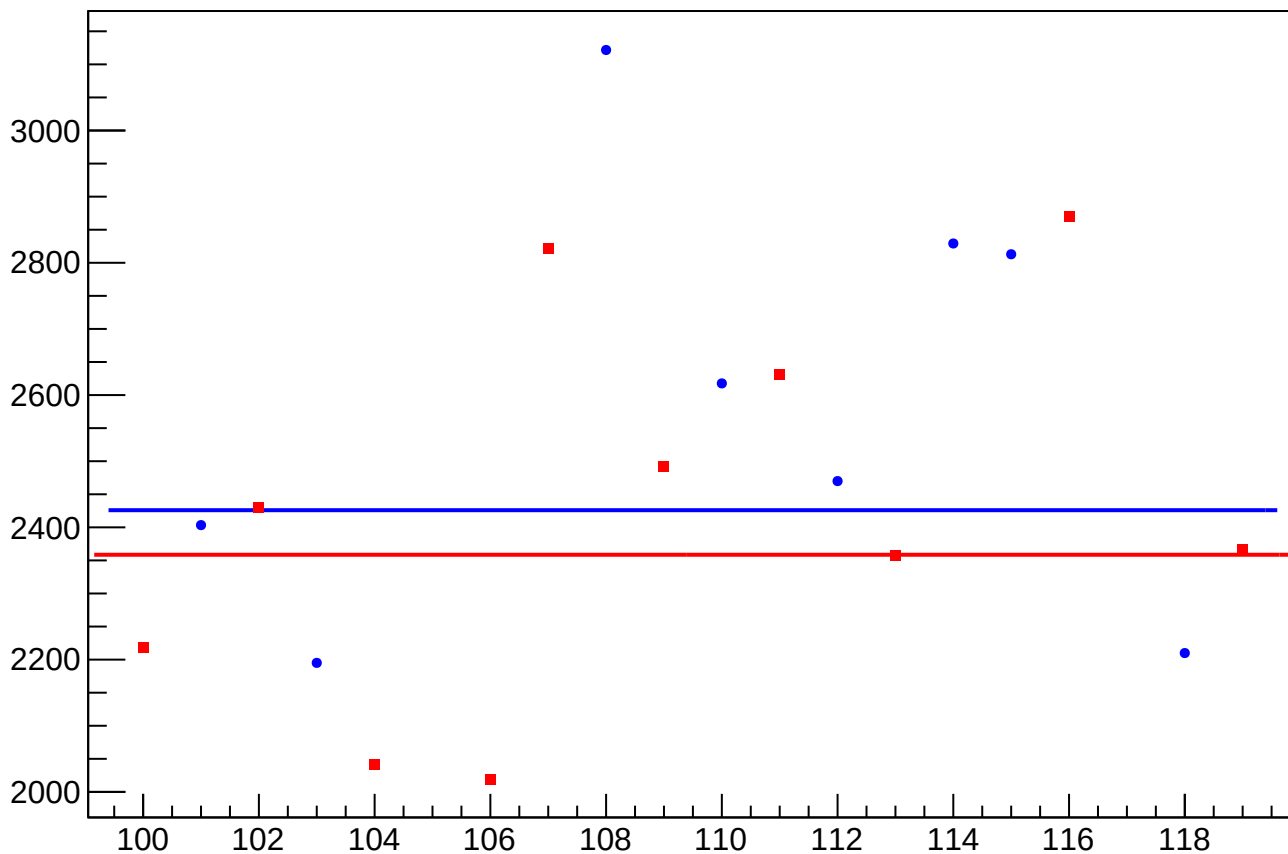
Right: 26.154+/-0.882 χ^2/NDF : 570.4/17

In: 35.221+/-1.341 χ^2/NDF : 219.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.154+/-0.882 χ^2/NDF : 570.4/17

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2425.926+/-0.948 χ^2/NDF : 77177.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2358.565+/-0.829 χ^2/NDF : 86461.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

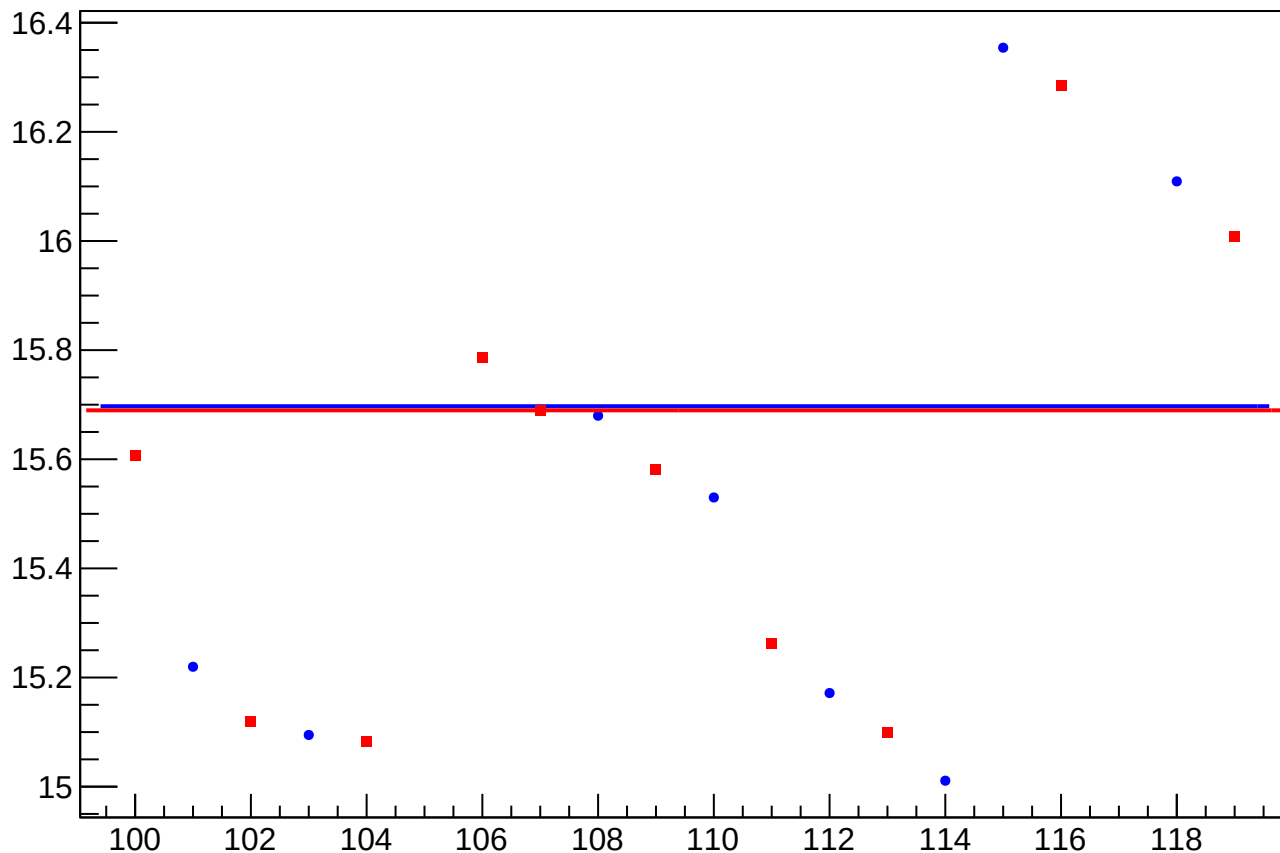
Right: 2387.744+/-0.624 χ^2/NDF : 166500.9/17

In: 2425.926+/-0.948 χ^2/NDF : 77177.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2387.744+/-0.624 χ^2/NDF : 166500.9/17

yield_sam1_mean vs Slug, Sign Corrected



Right In: 15.697+/-0.000 χ^2/NDF : 1384250287.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.690+/-0.000 χ^2/NDF : 1323818354.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

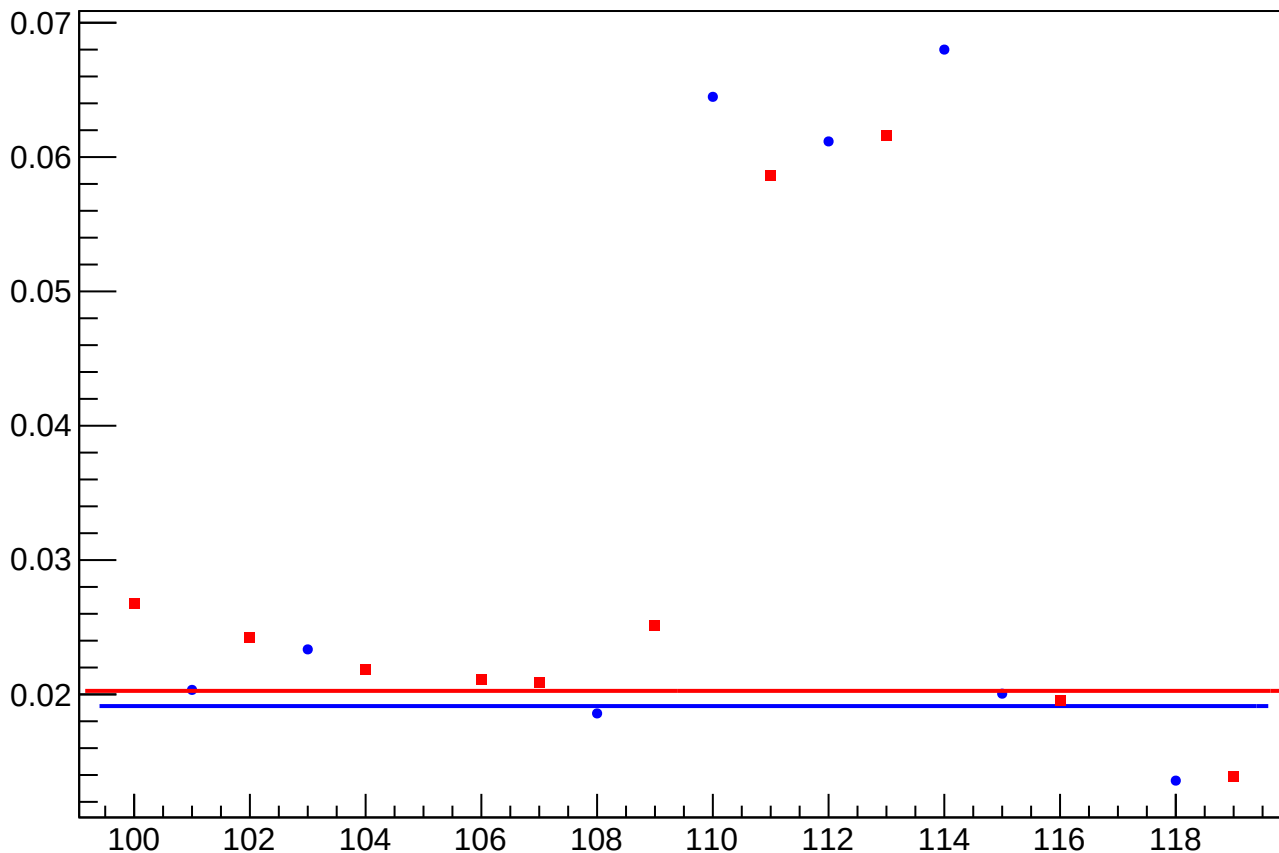
Right: 15.693+/-0.000 χ^2/NDF : 2708271248.6/17

In: 15.697+/-0.000 χ^2/NDF : 1384250287.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.693+/-0.000 χ^2/NDF : 2708271248.6/17

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1097011.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1073899.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

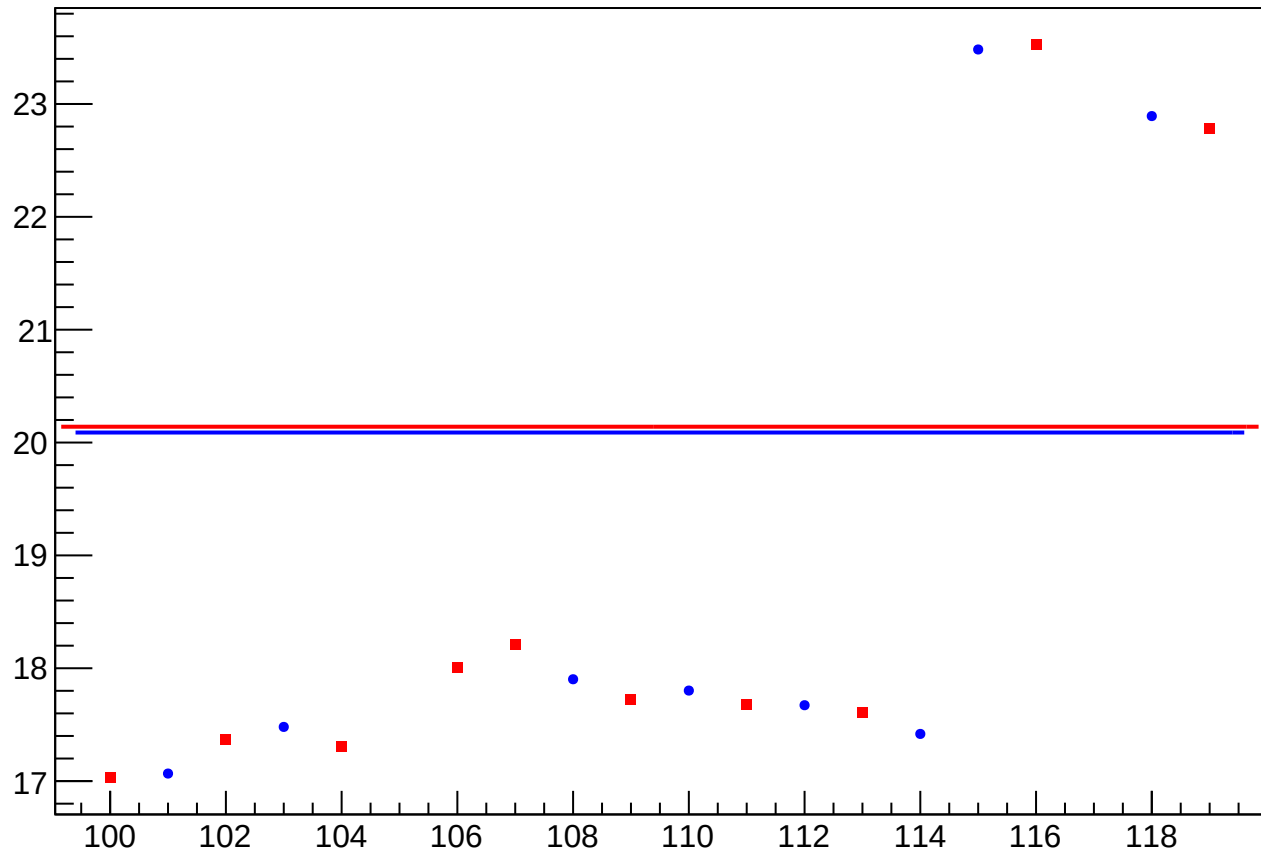
Right: 0.020+/-0.000 χ^2/NDF : 2180132.0/17

In: 0.019+/-0.000 χ^2/NDF : 1097011.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2180132.0/17

yield_sam2_mean vs Slug, Sign Corrected



Right In: 20.089+/-0.000 χ^2/NDF : 553943917.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.140+/-0.000 χ^2/NDF : 603143881.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

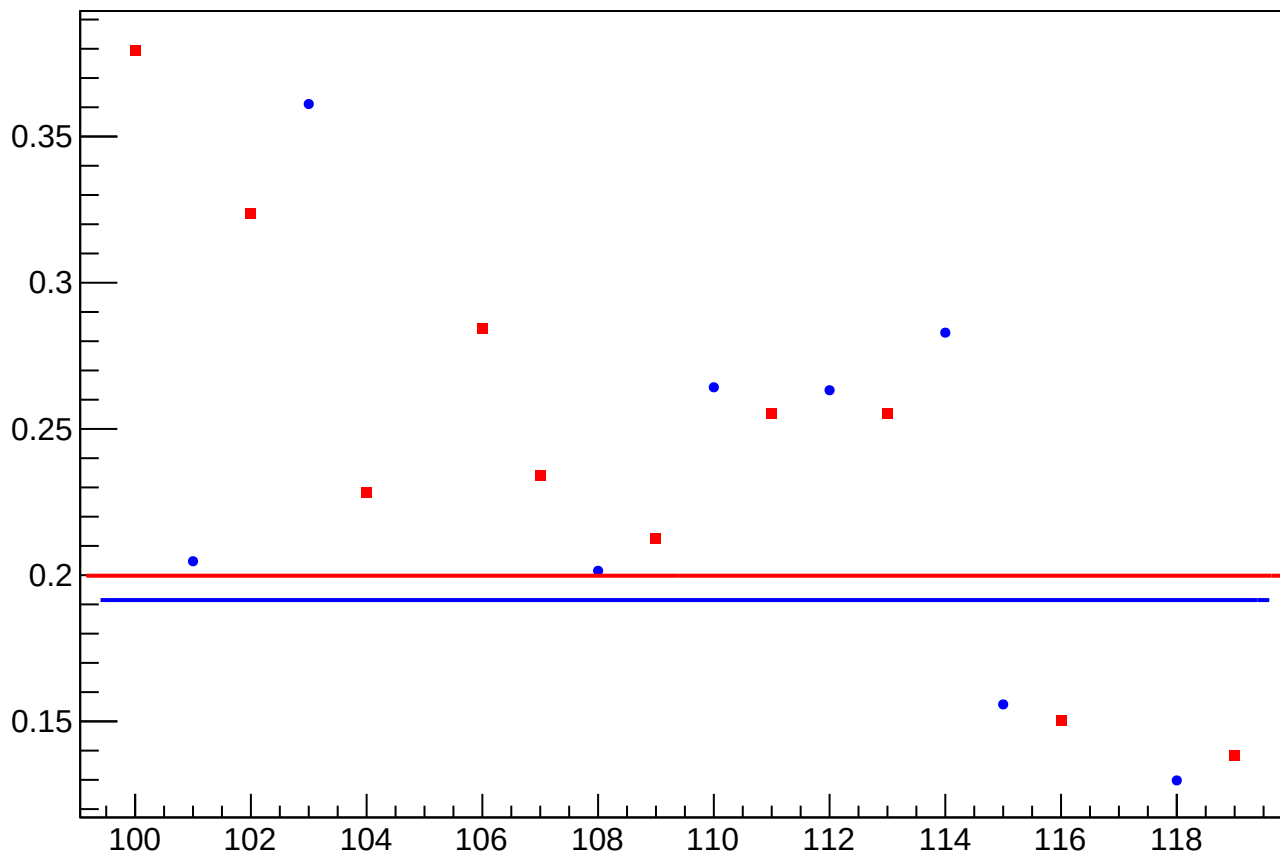
Right: 20.116+/-0.000 χ^2/NDF : 1157190618.5/17

In: 20.089+/-0.000 χ^2/NDF : 553943917.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.116+/-0.000 χ^2/NDF : 1157190618.5/17

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.191+/-0.000 χ^2/NDF : 642737.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.200+/-0.000 χ^2/NDF : 619071.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

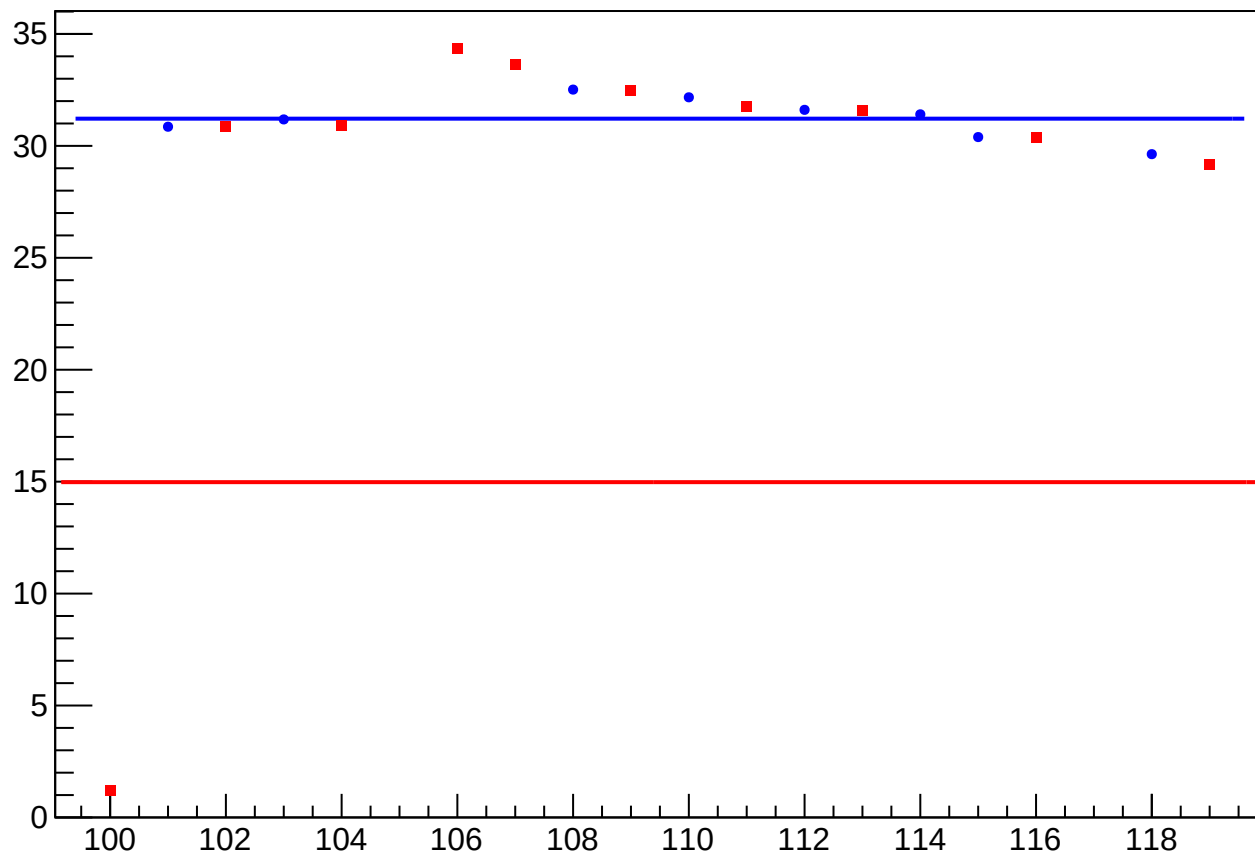
Right: 0.196+/-0.000 χ^2/NDF : 1267195.8/17

In: 0.191+/-0.000 χ^2/NDF : 642737.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.196+/-0.000 χ^2/NDF : 1267195.8/17

yield_sam3_mean vs Slug, Sign Corrected



Right In: 31.216+/-0.000 χ^2/NDF : 210731599.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.978+/-0.000 χ^2/NDF : 162594076393.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

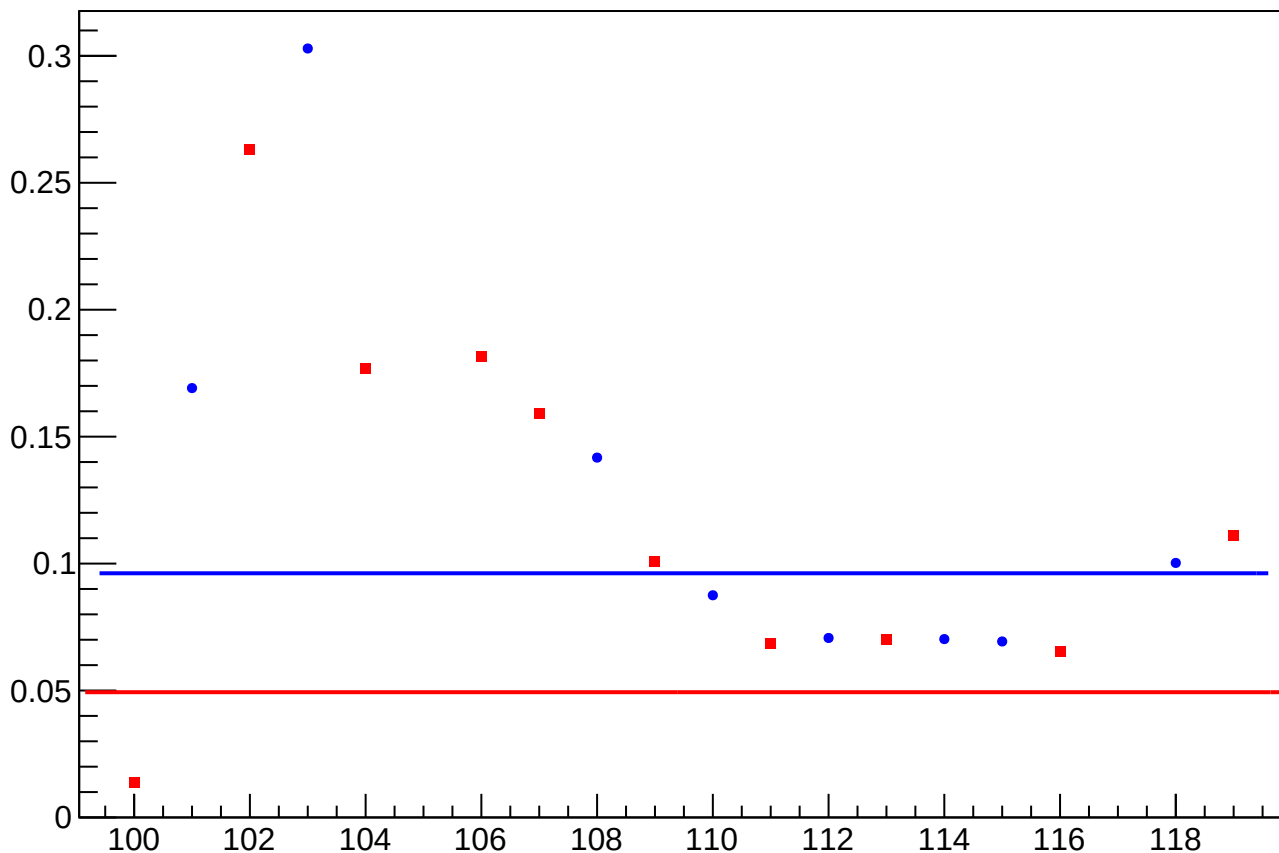
Right: 19.214+/-0.000 χ^2/NDF : 212282059416.6/17

In: 31.216+/-0.000 χ^2/NDF :210731599.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.214+/-0.000 χ^2/NDF : 212282059416.6/17

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.096+/-0.000 χ^2/NDF : 983439.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.049+/-0.000 χ^2/NDF : 3287690.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

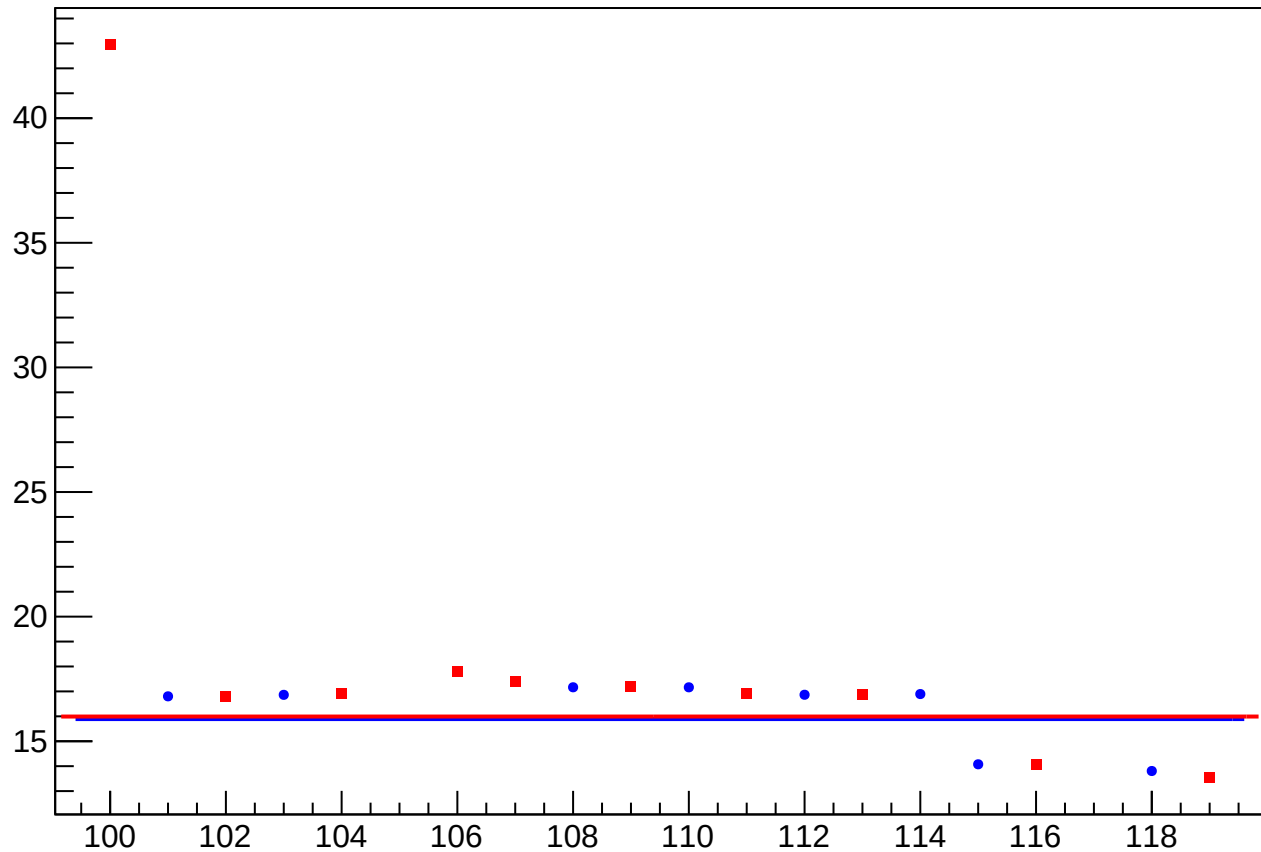
Right: 0.062+/-0.000 χ^2/NDF : 5094680.2/17

In: 0.096+/-0.000 χ^2/NDF : 983439.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.062+/-0.000 χ^2/NDF : 5094680.2/17

yield_sam4_mean vs Slug, Sign Corrected



Right In: 15.890+/-0.000 χ^2/NDF : 571076492.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.992+/-0.000 χ^2/NDF : 1070267446.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

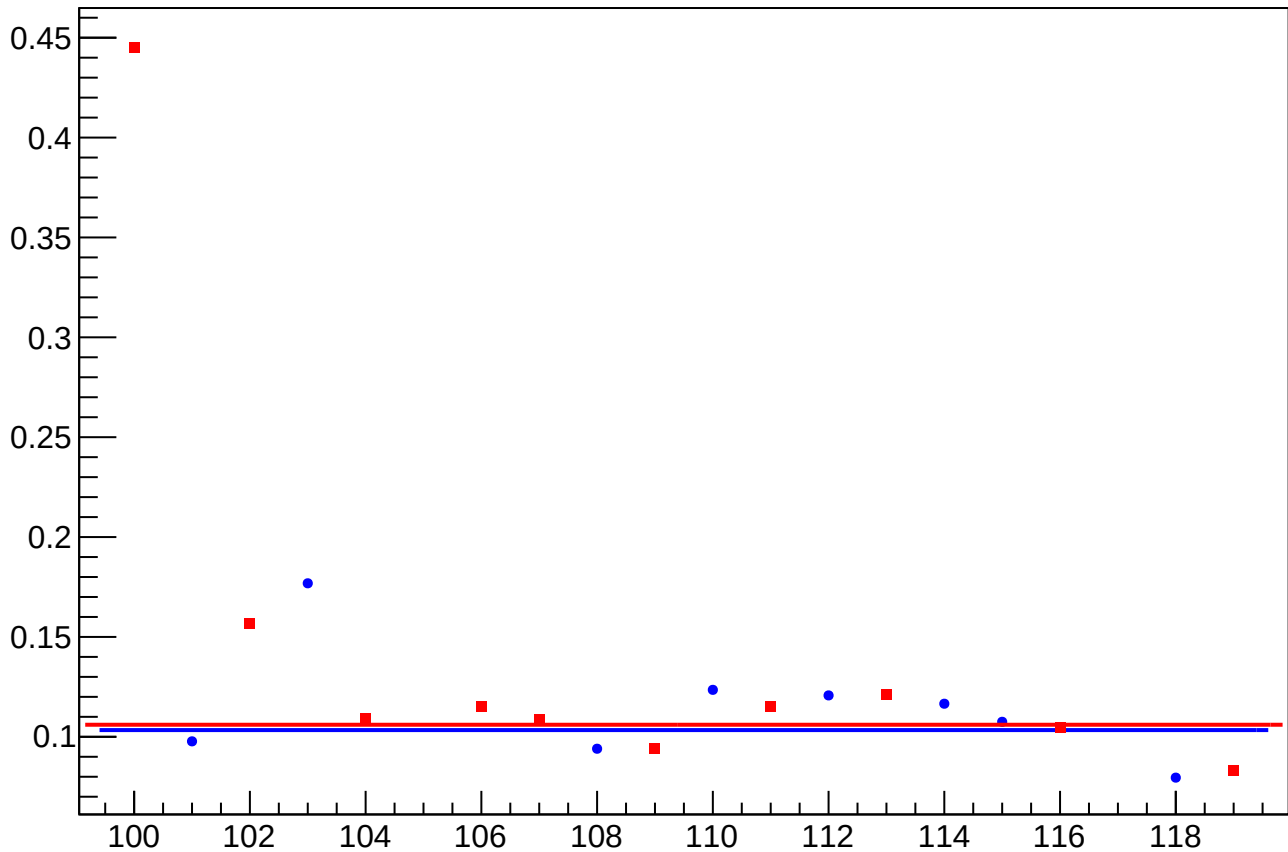
Right: 15.944+/-0.000 χ^2/NDF : 1642794422.5/17

In: 15.890+/-0.000 χ^2/NDF : 571076492.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.944+/-0.000 χ^2/NDF : 1642794422.5/17

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.103+/-0.000 χ^2/NDF : 339336.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.106+/-0.000 χ^2/NDF : 321801.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

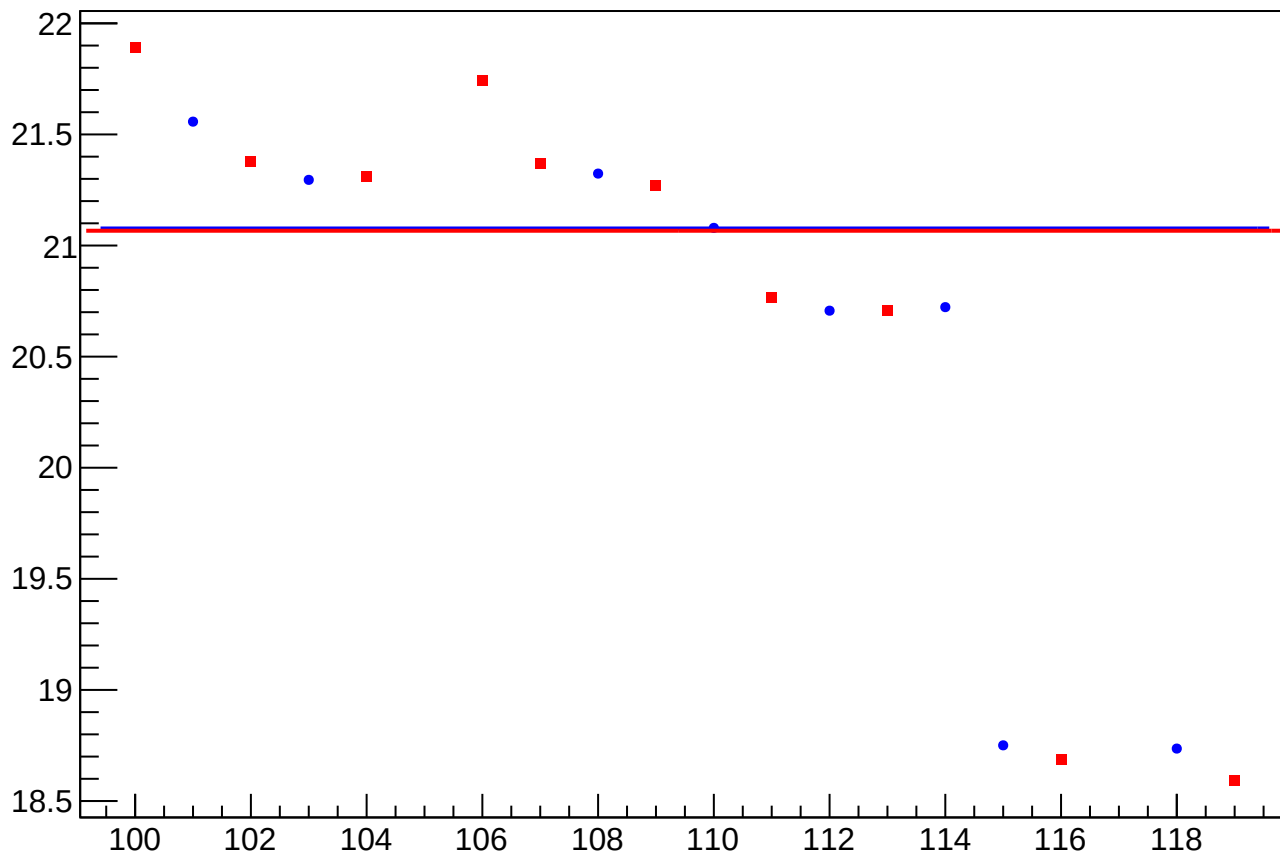
Right: 0.105+/-0.000 χ^2/NDF : 663150.8/17

In: 0.103+/-0.000 χ^2/NDF : 339336.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.105+/-0.000 χ^2/NDF : 663150.8/17

yield_sam5_mean vs Slug, Sign Corrected



Right In: 21.077+/-0.000 χ^2/NDF : 2446477230.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.067+/-0.000 χ^2/NDF : 2935745506.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

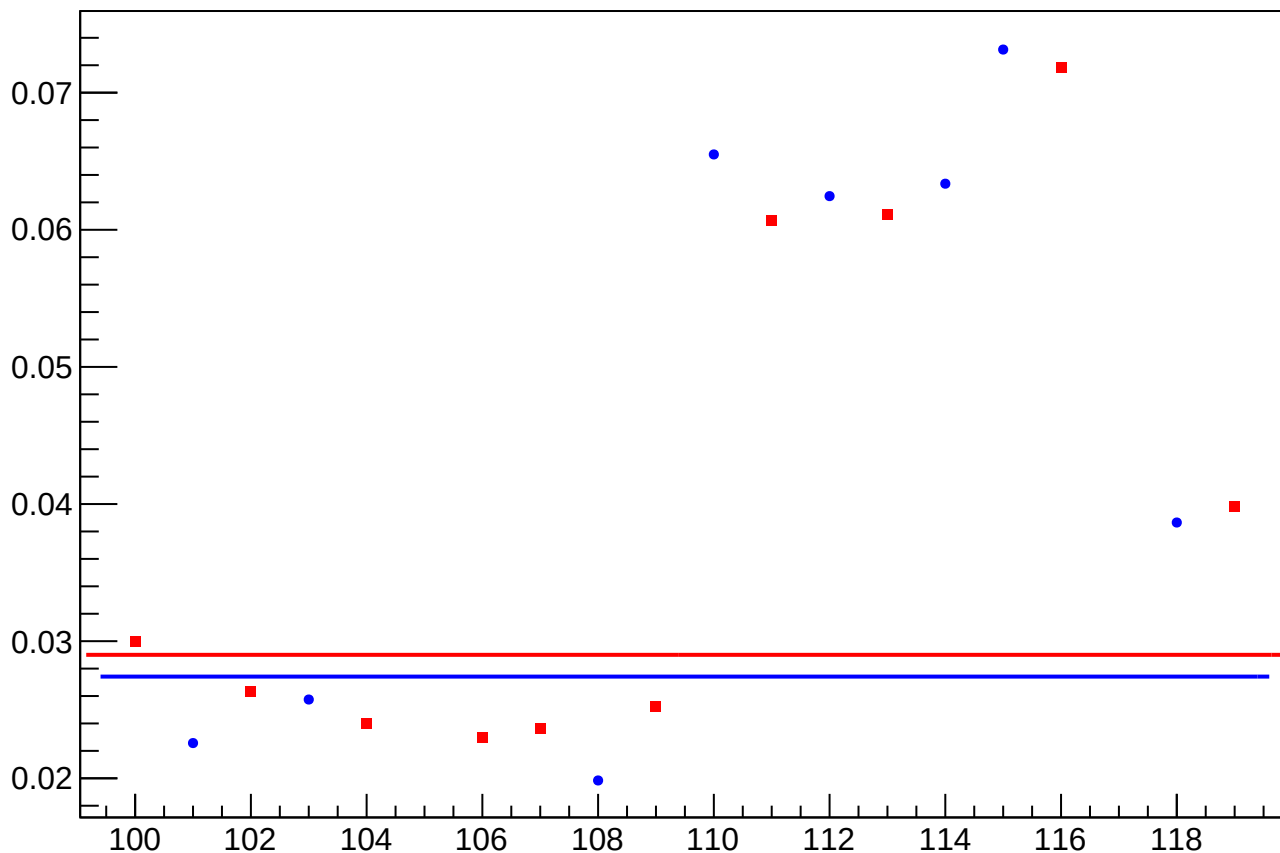
Right: 21.071+/-0.000 χ^2/NDF : 5382406497.0/17

In: 21.077+/-0.000 χ^2/NDF : 2446477230.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.071+/-0.000 χ^2/NDF : 5382406497.0/17

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.027+/-0.000 χ^2/NDF : 935424.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 864538.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

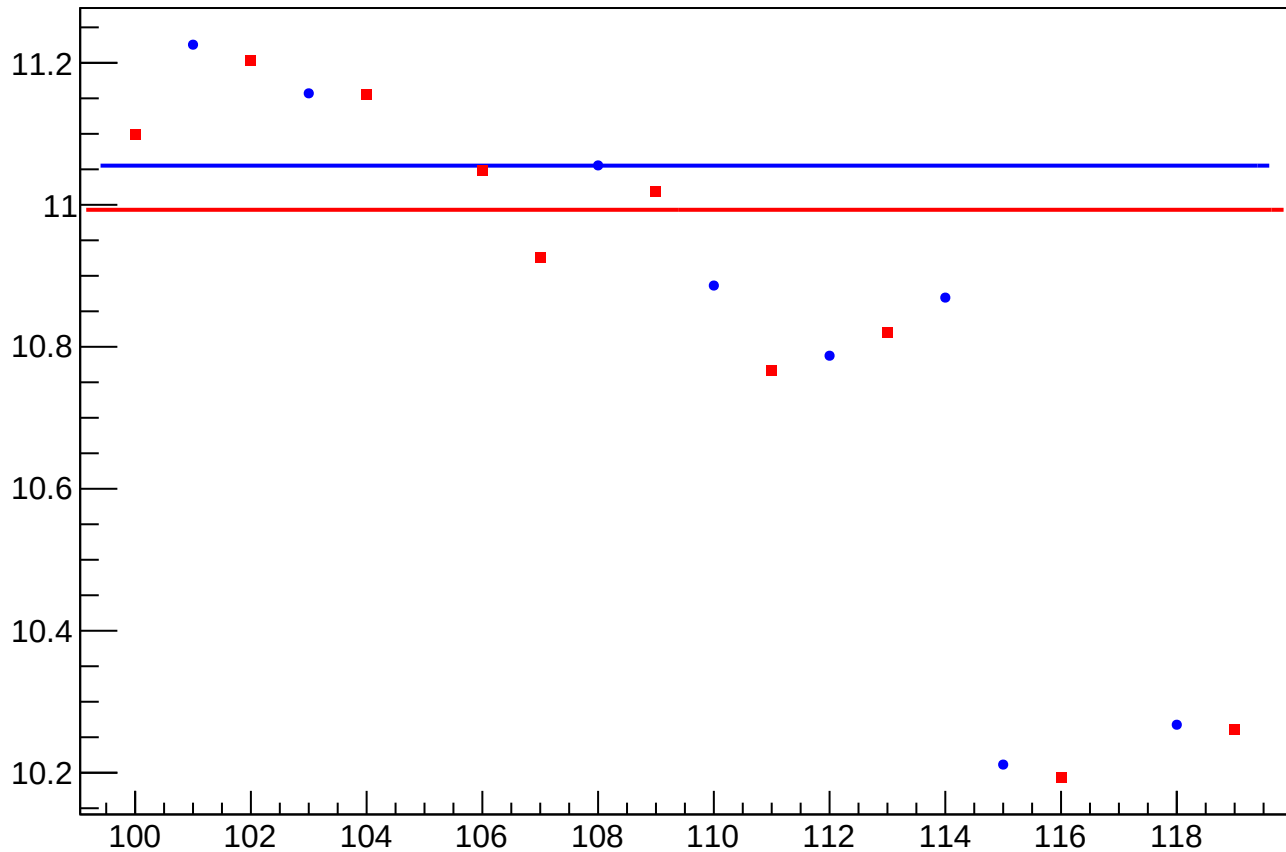
Right: 0.028+/-0.000 χ^2/NDF : 1809067.4/17

In: 0.027+/-0.000 χ^2/NDF : 935424.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1809067.4/17

yield_sam6_mean vs Slug, Sign Corrected



Right In: 11.055+/-0.000 χ^2/NDF : 1222313780.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.993+/-0.000 χ^2/NDF : 1207576531.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

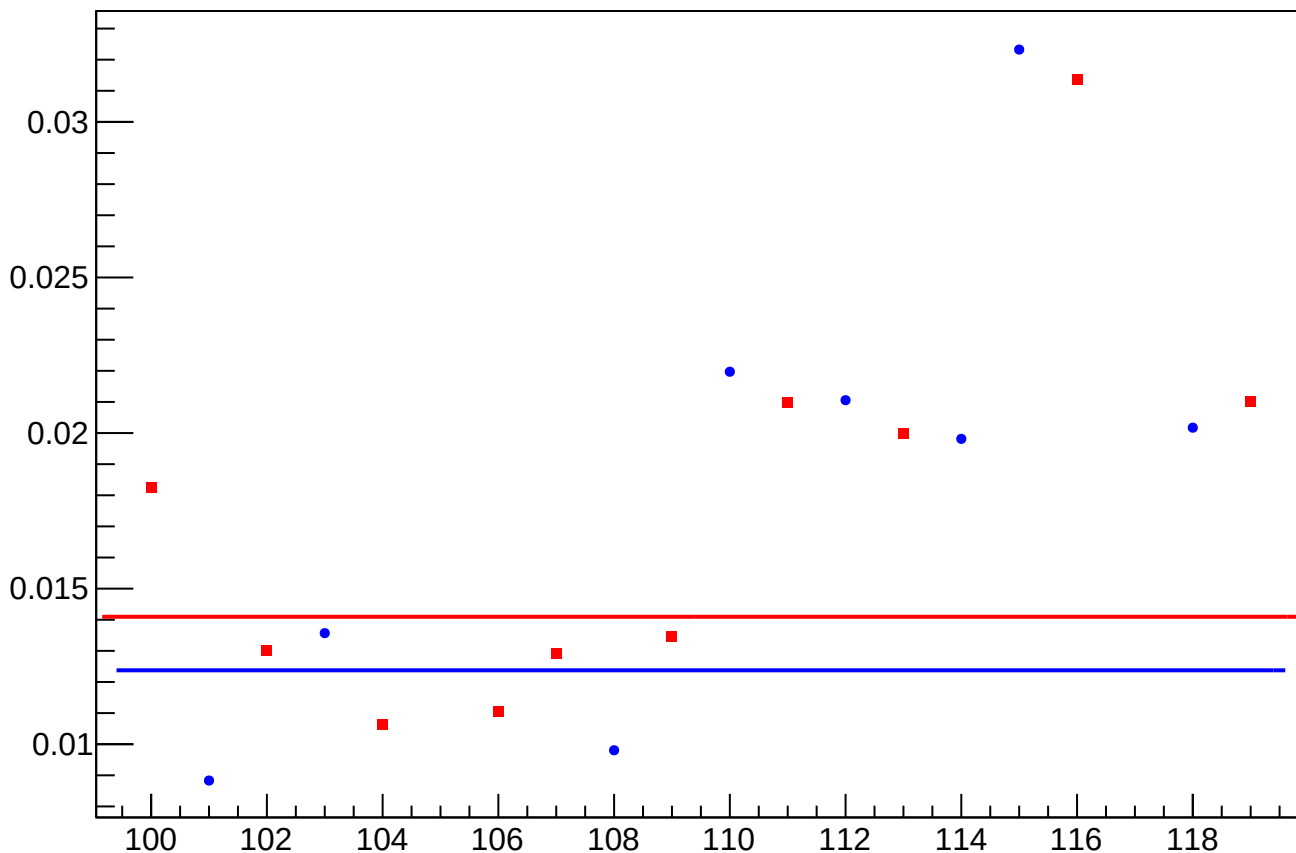
Right: 11.024+/-0.000 χ^2/NDF : 2462948217.7/17

In: 11.055+/-0.000 χ^2/NDF : 1222313780.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.024+/-0.000 χ^2/NDF : 2462948217.7/17

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 806947.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 601222.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

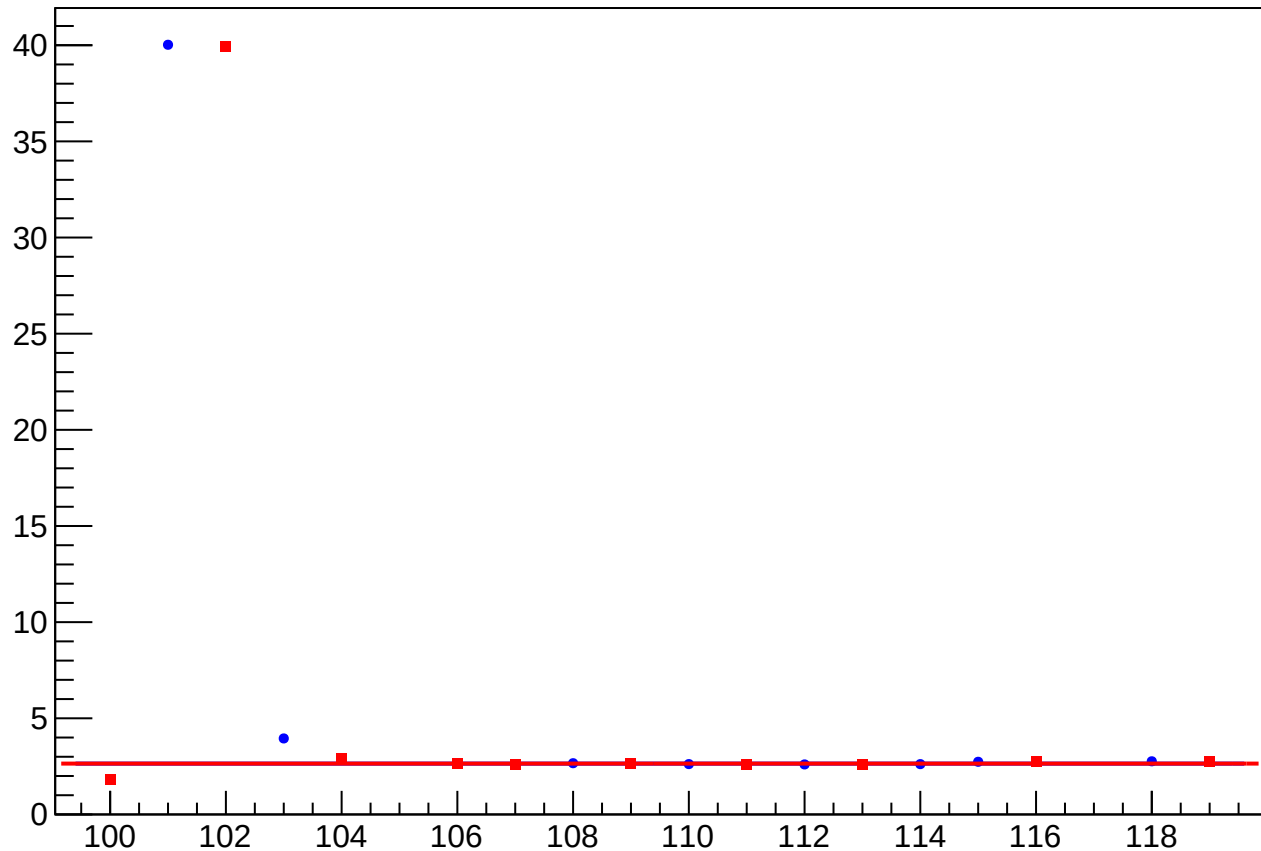
Right: 0.013+/-0.000 χ^2/NDF : 1458775.3/17

In: 0.012+/-0.000 χ^2/NDF :806947.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1458775.3/17

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.643+/-0.000 χ^2/NDF : 63703113429.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.645+/-0.000 χ^2/NDF : 62777088577.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

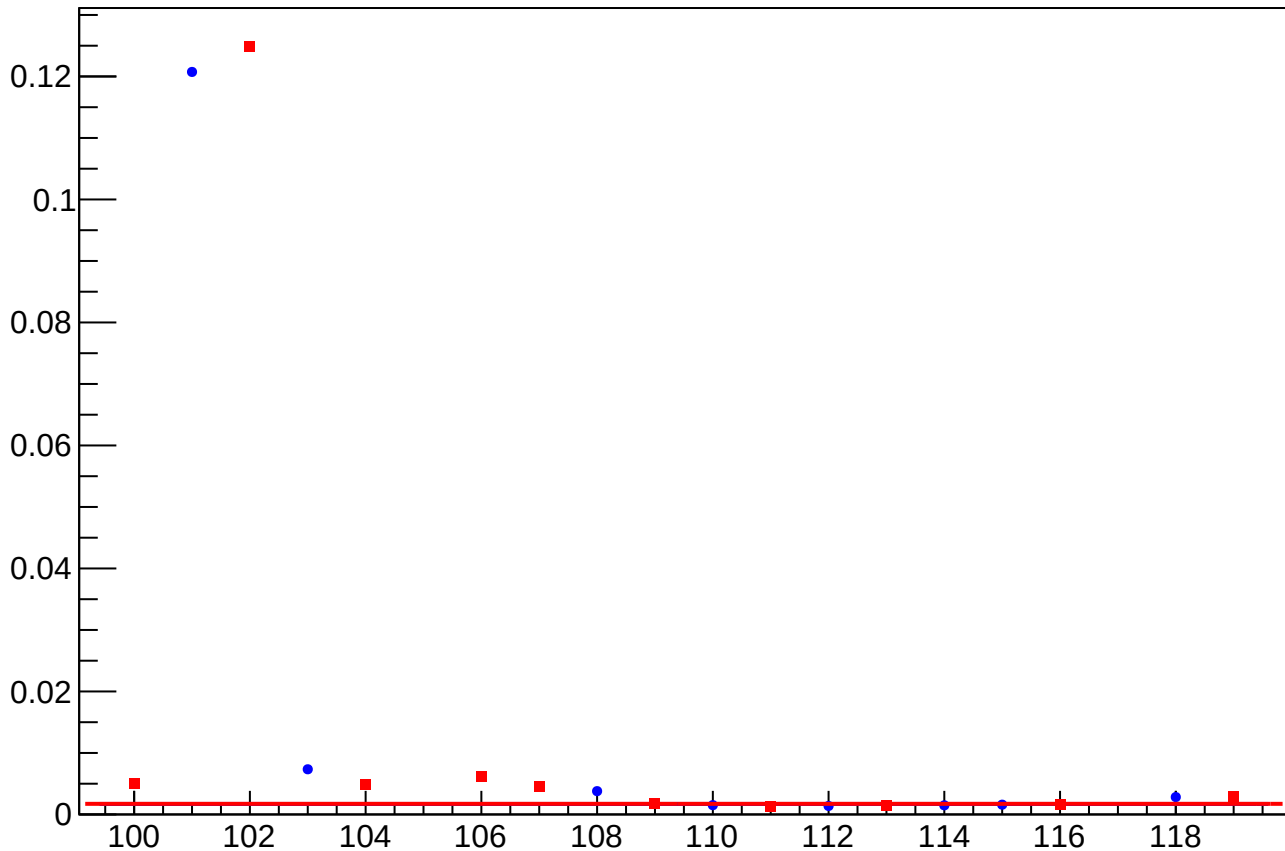
Right: 2.644+/-0.000 χ^2/NDF : 126480866595.9/17

In: 2.643+/-0.000 χ^2/NDF : 63703113429.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.644+/-0.000 χ^2/NDF : 126480866595.9

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1696120.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2299028.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

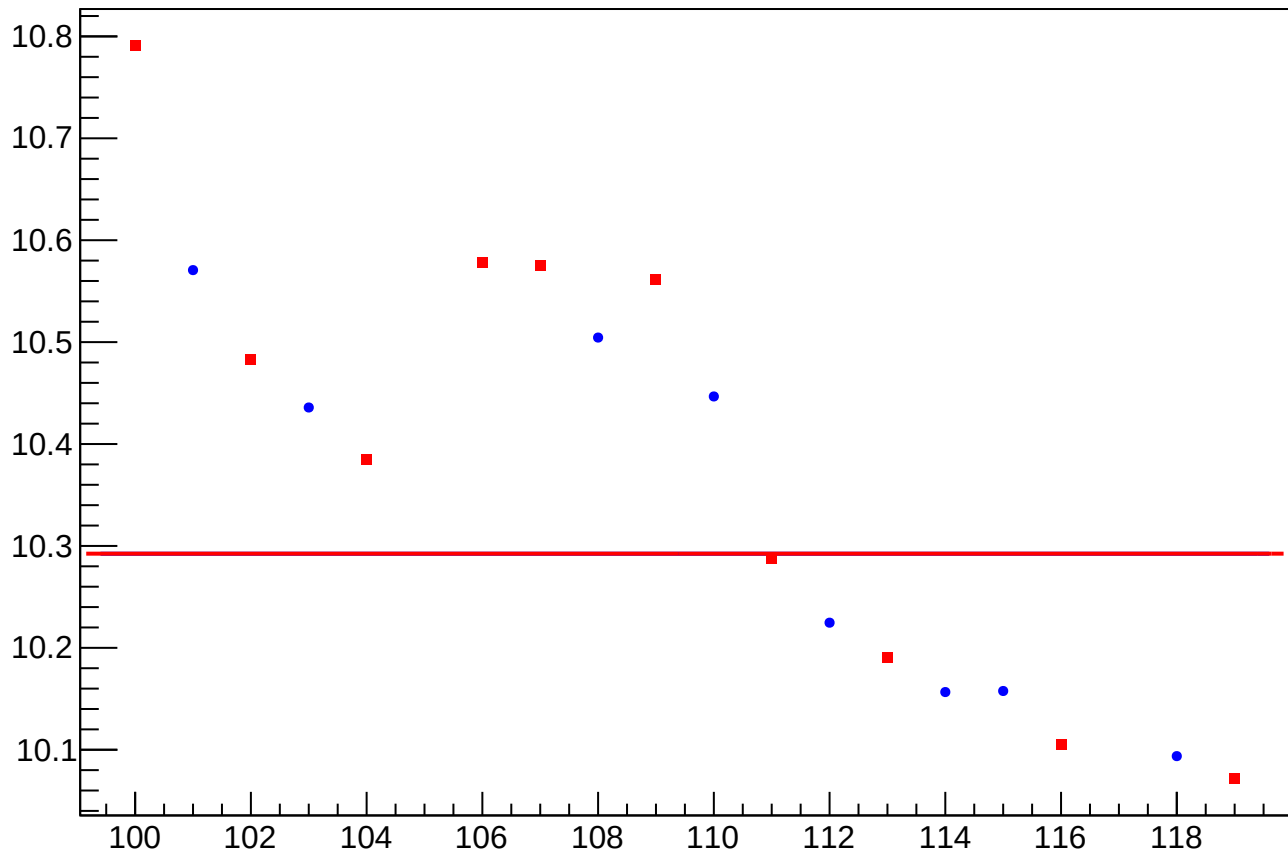
Right: 0.002+/-0.000 χ^2/NDF : 3995453.8/17

In: 0.002+/-0.000 χ^2/NDF : 1696120.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3995453.8/17

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.292+/-0.000 χ^2/NDF : 1977791955.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.292+/-0.000 χ^2/NDF : 3101512965.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

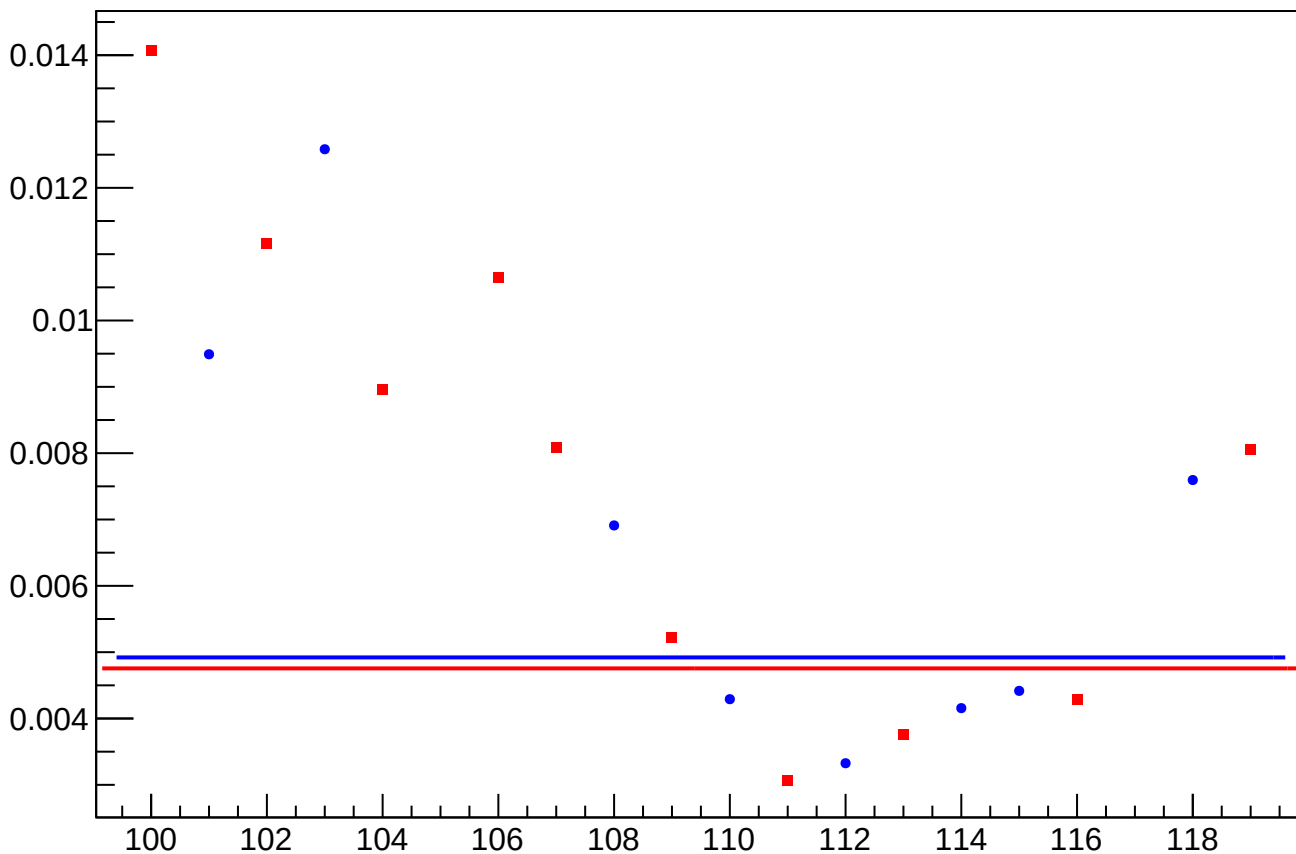
Right: 10.292+/-0.000 χ^2/NDF : 5079305263.8/17

In: 10.292+/-0.000 χ^2/NDF : 1977791955.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.292+/-0.000 χ^2/NDF : 5079305263.8/17

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1084608.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1402371.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

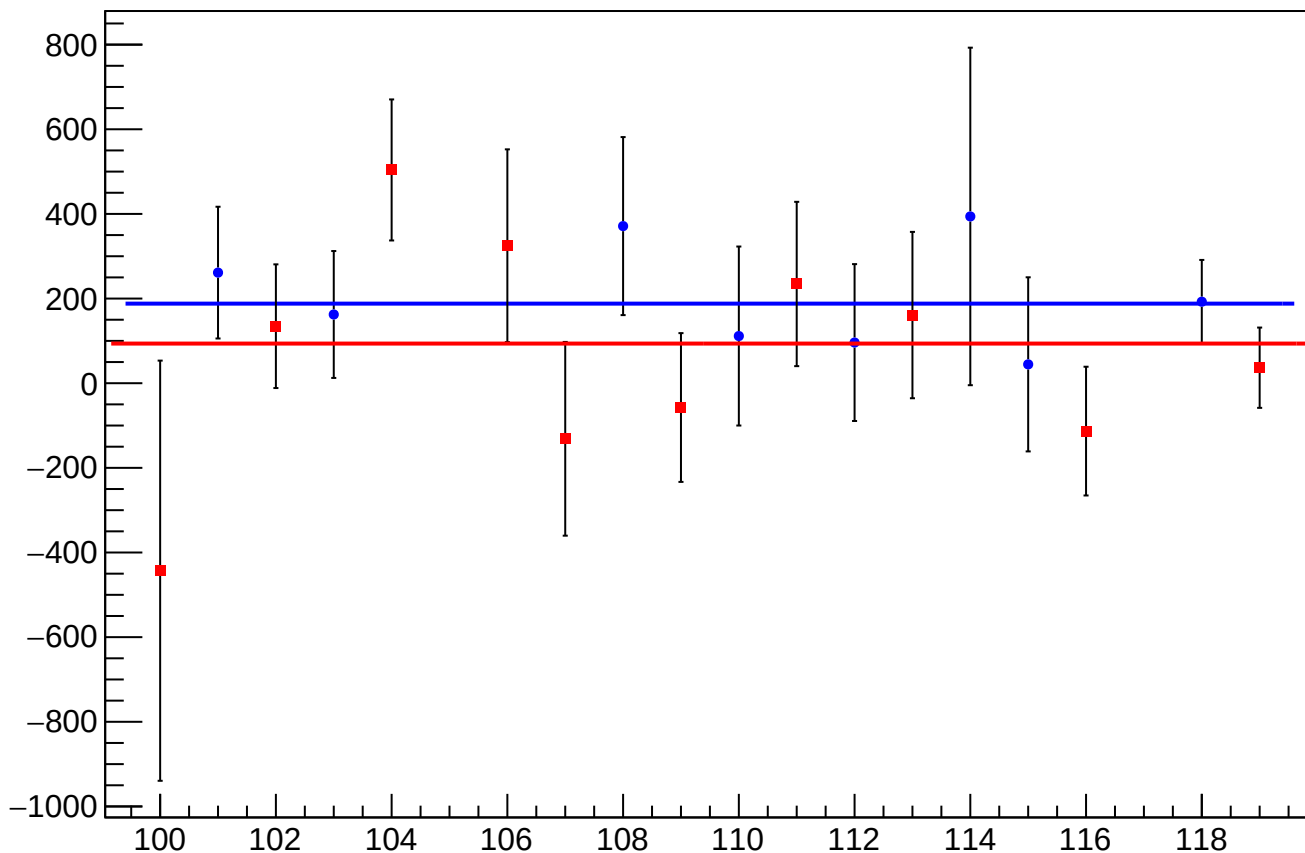
Right: 0.005+/-0.000 χ^2/NDF : 2490037.3/17

In: 0.005+/-0.000 χ^2/NDF :1084608.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2490037.3/17

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 188.038 $\pm$ 58.484 χ^2 /NDF: 2.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.654 $\pm$ 52.383 χ^2 /NDF: 12.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

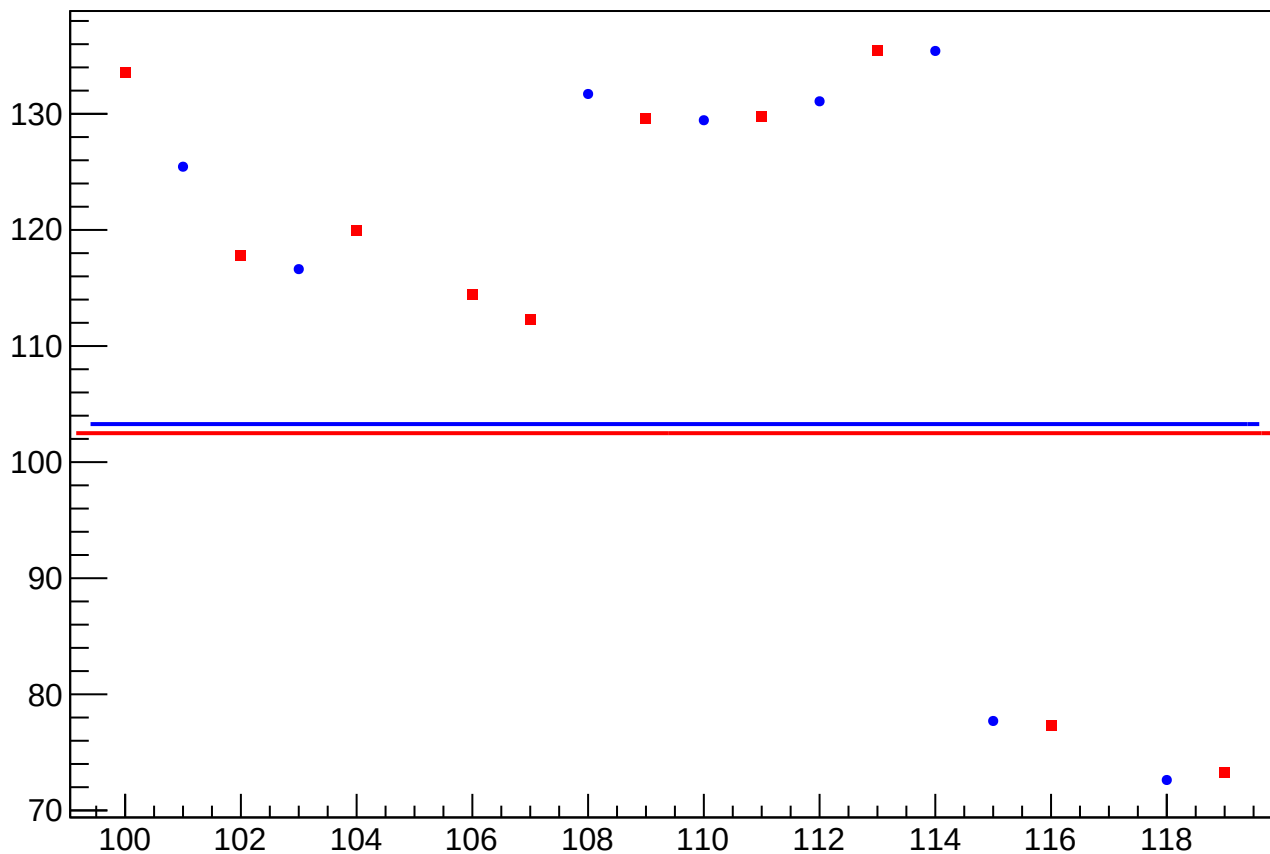
Right: 135.668 $\pm$ 39.020 χ^2 /NDF: 16.5/17

In: 188.038 $\pm$ 58.484 χ^2 /NDF:2.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.668 $\pm$ 39.020 χ^2 /NDF: 16.5/17

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 103.277+/-0.041 χ^2/NDF : 405358.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.494+/-0.037 χ^2/NDF : 449122.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

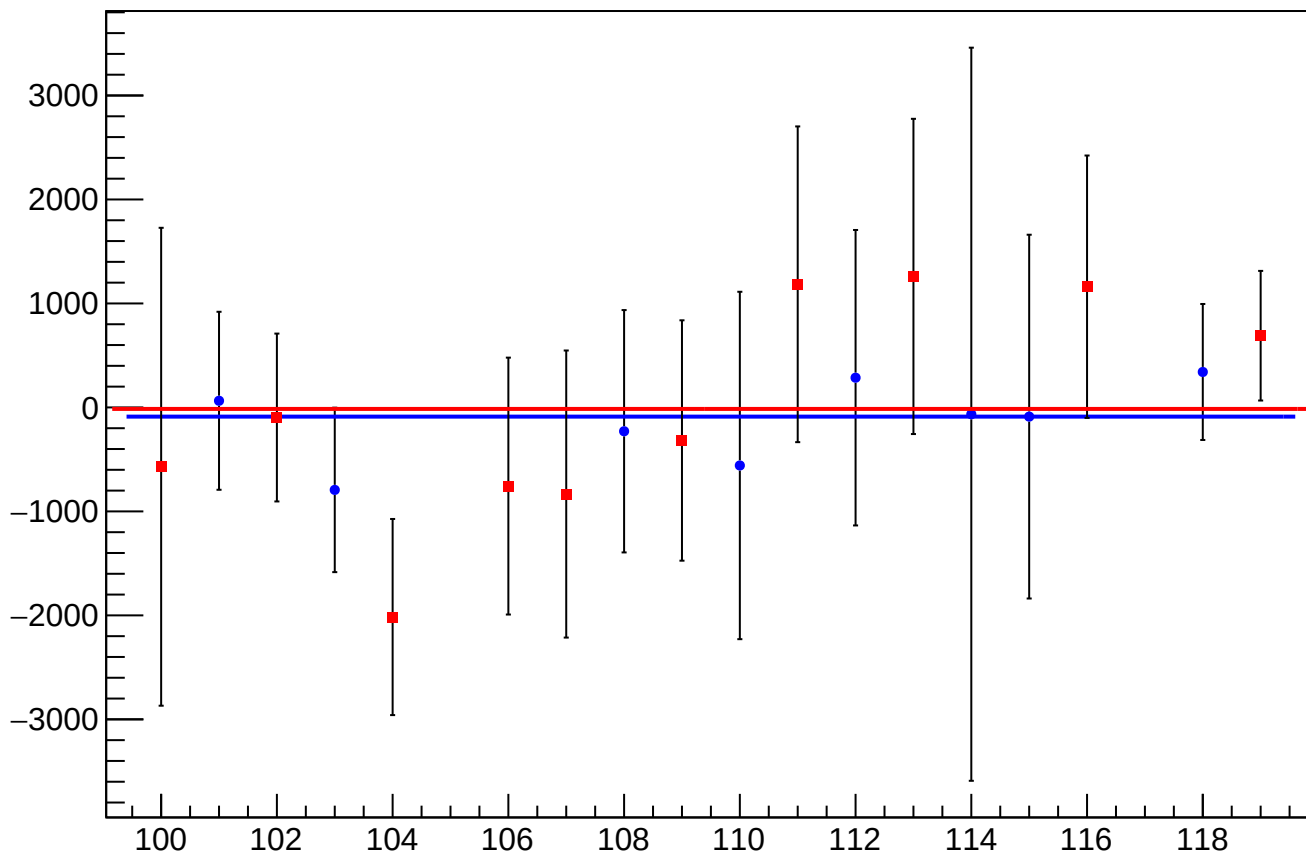
Right: 102.842+/-0.028 χ^2/NDF : 854680.2/17

In: 103.277+/-0.041 χ^2/NDF : 405358.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.842+/-0.028 χ^2/NDF : 854680.2/17

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -88.434+/-370.135 χ^2/NDF : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.464+/-336.197 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

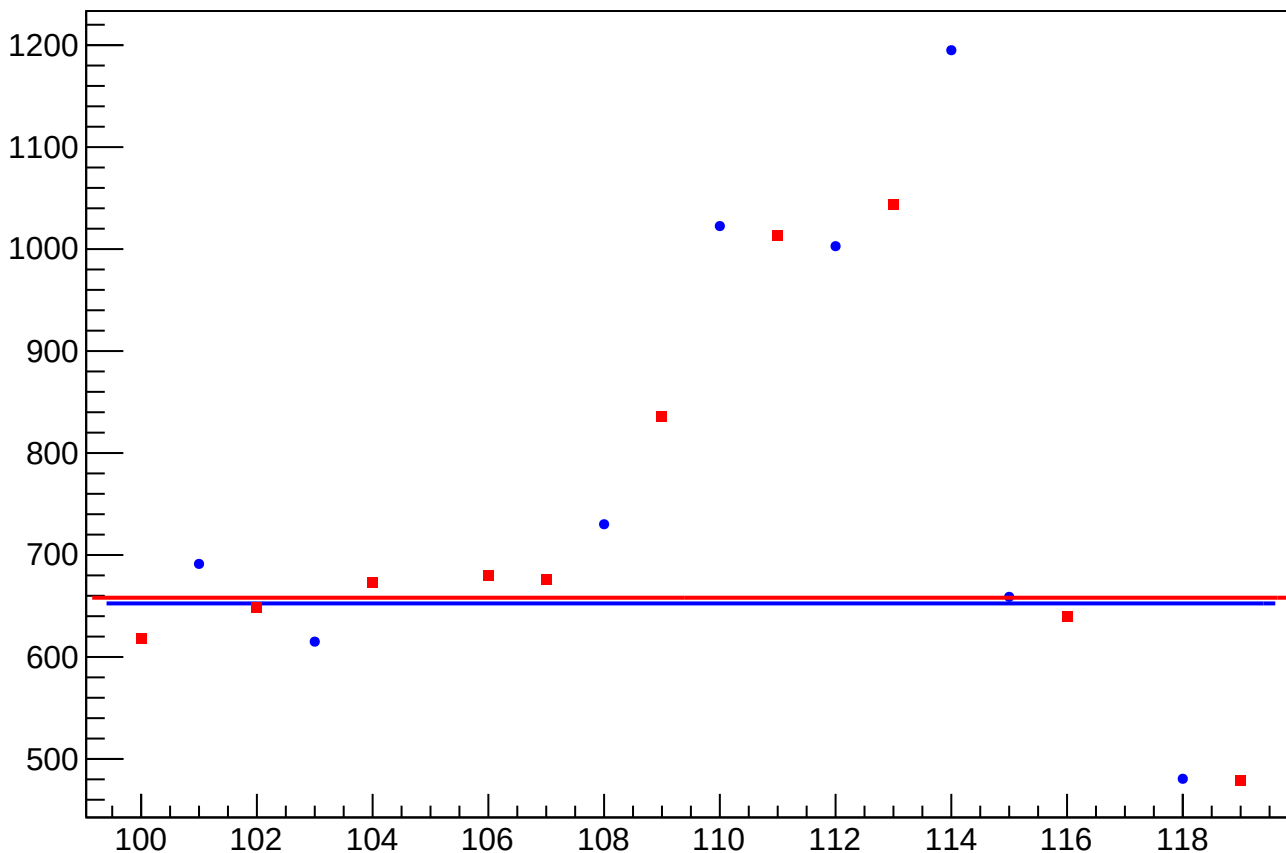
Right: -47.903+/-248.862 χ^2/NDF : 10.3/17

In: -88.434+/-370.135 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.903+/-248.862 χ^2/NDF : 10.3/17

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 652.515+/-0.262 χ^2/NDF : 422906.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.110+/-0.238 χ^2/NDF : 453730.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

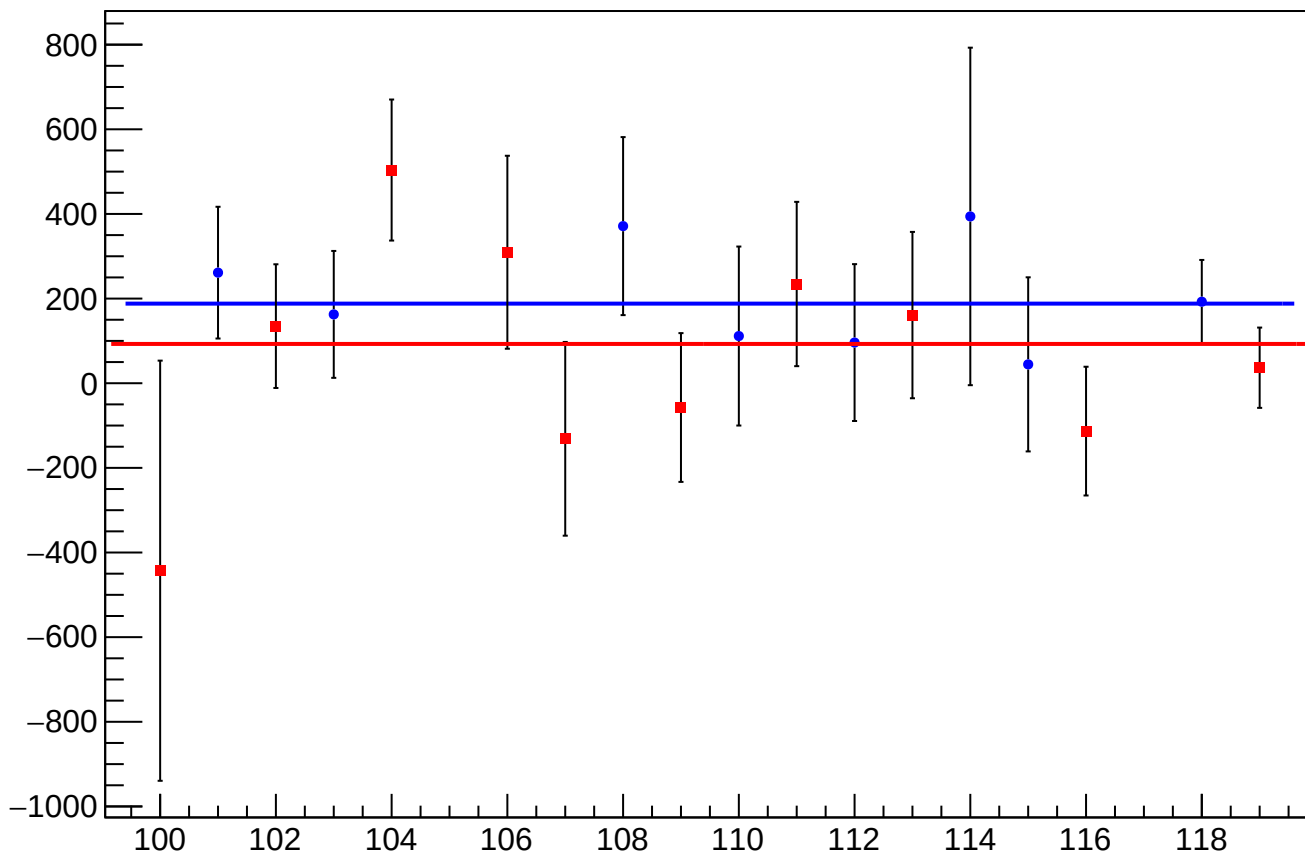
Right: 655.581+/-0.176 χ^2/NDF : 876886.7/17

In: 652.515+/-0.262 χ^2/NDF : 422906.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 655.581+/-0.176 χ^2/NDF : 876886.7/17

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 188.093 $\pm$ 58.484 χ^2 /NDF: 2.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.828 $\pm$ 52.388 χ^2 /NDF: 12.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

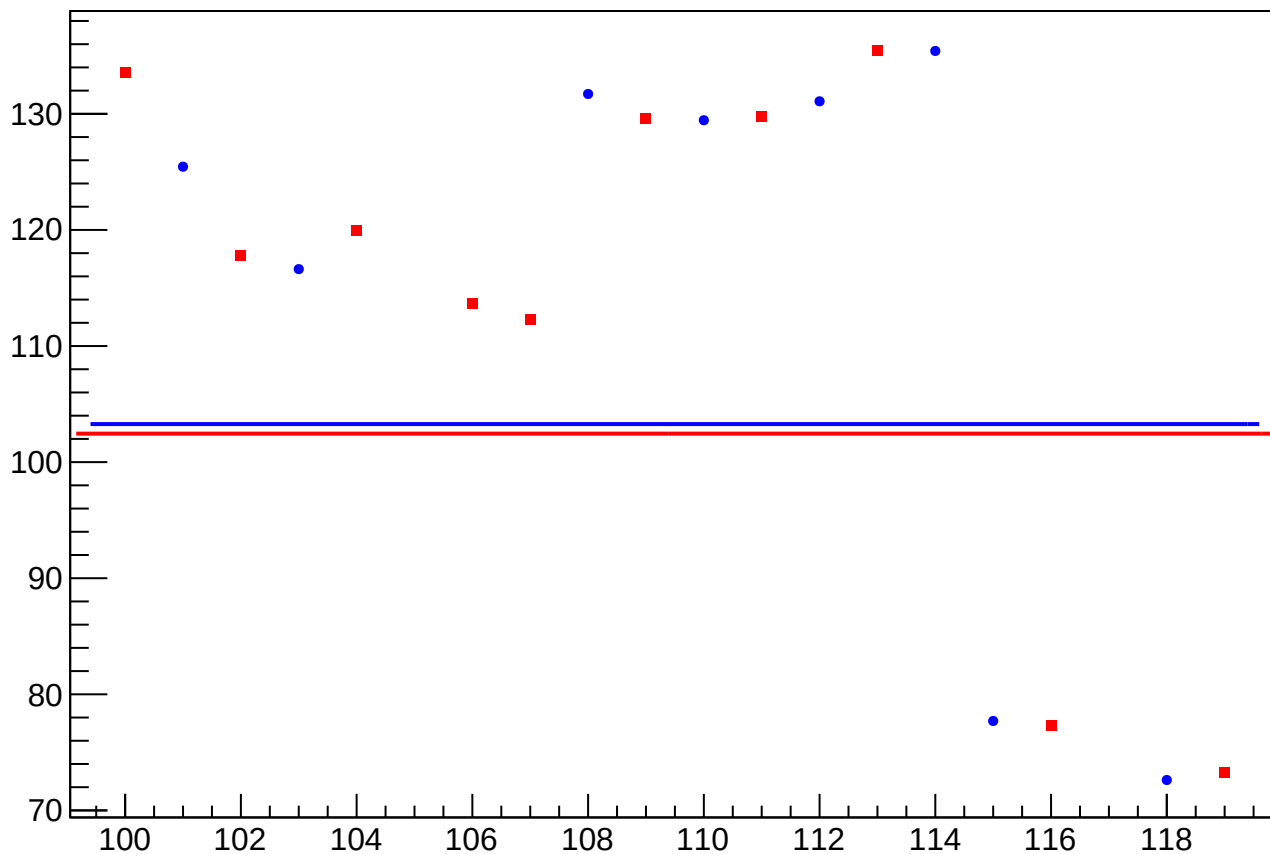
Right: 135.238 $\pm$ 39.022 χ^2 /NDF: 16.4/17

In: 188.093 $\pm$ 58.484 χ^2 /NDF: 2.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.238 $\pm$ 39.022 χ^2 /NDF: 16.4/17

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 103.277+/-0.041 χ^2/NDF : 405358.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.454+/-0.037 χ^2/NDF : 448479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

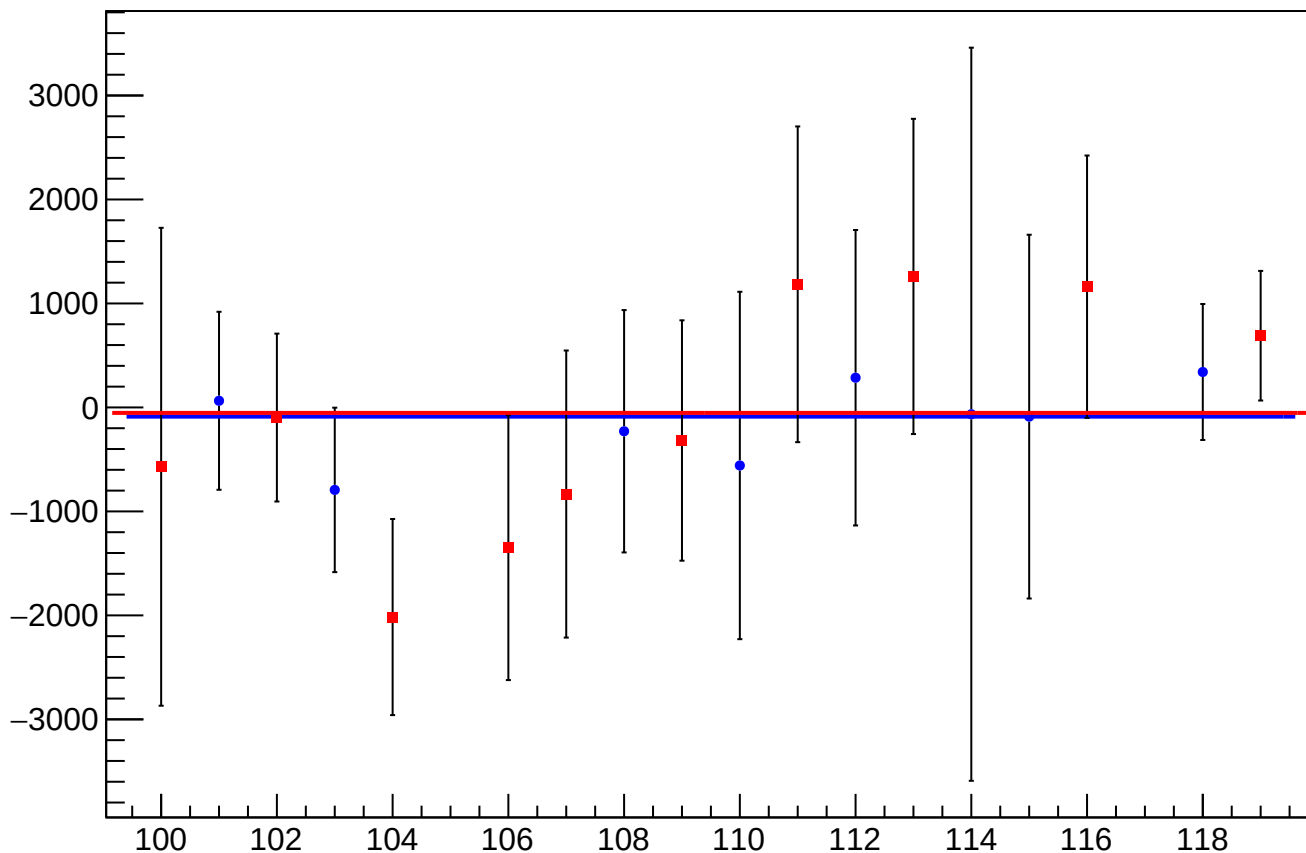
Right: 102.820+/-0.028 χ^2/NDF : 854057.7/17

In: 103.277+/-0.041 χ^2/NDF : 405358.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.820+/-0.028 χ^2/NDF : 854057.7/17

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -88.425+/-370.135 χ^2/NDF : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.623+/-336.948 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

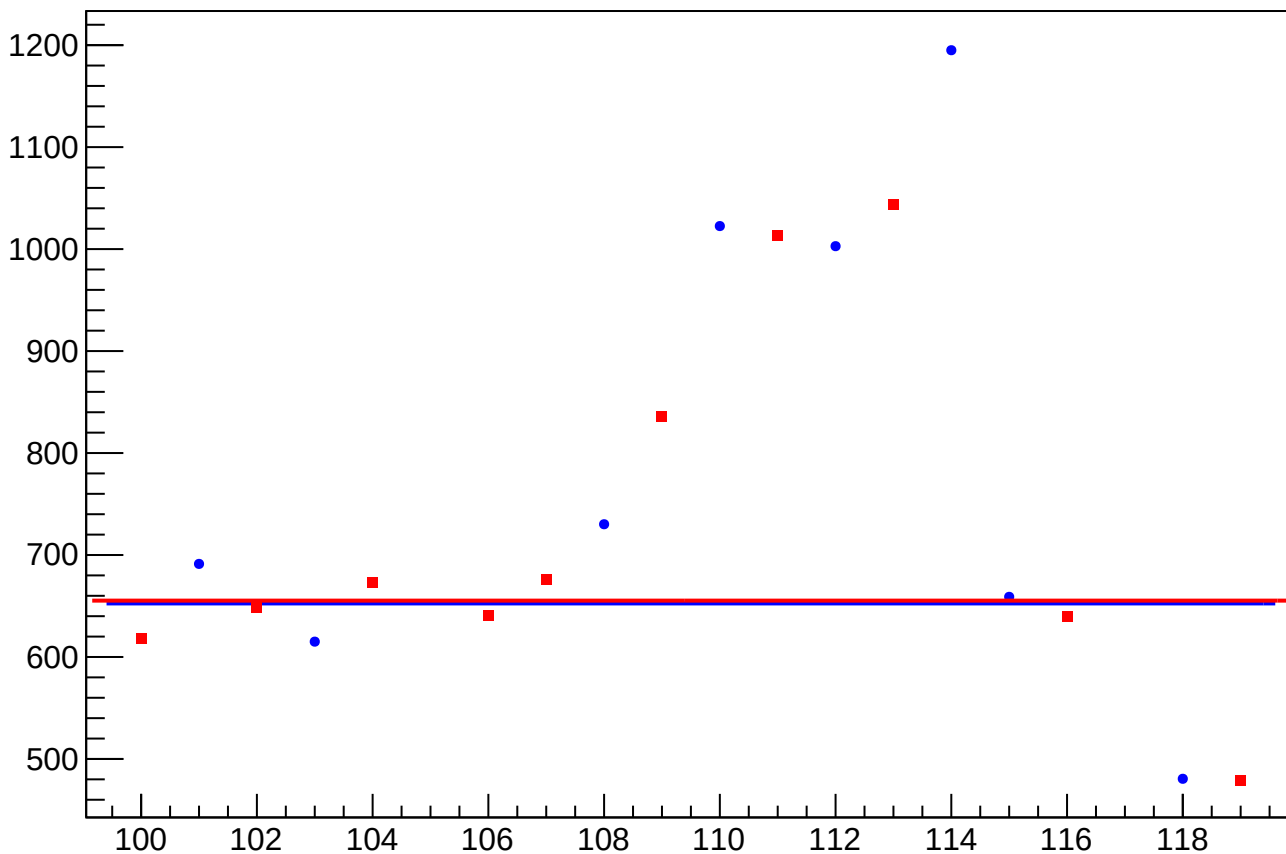
Right: -68.847+/-249.167 χ^2/NDF : 11.0/17

In: -88.425+/-370.135 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.847+/-249.167 χ^2/NDF : 11.0/17

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 652.514+/-0.262 χ^2/NDF : 422907.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 655.271+/-0.238 χ^2/NDF : 453369.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

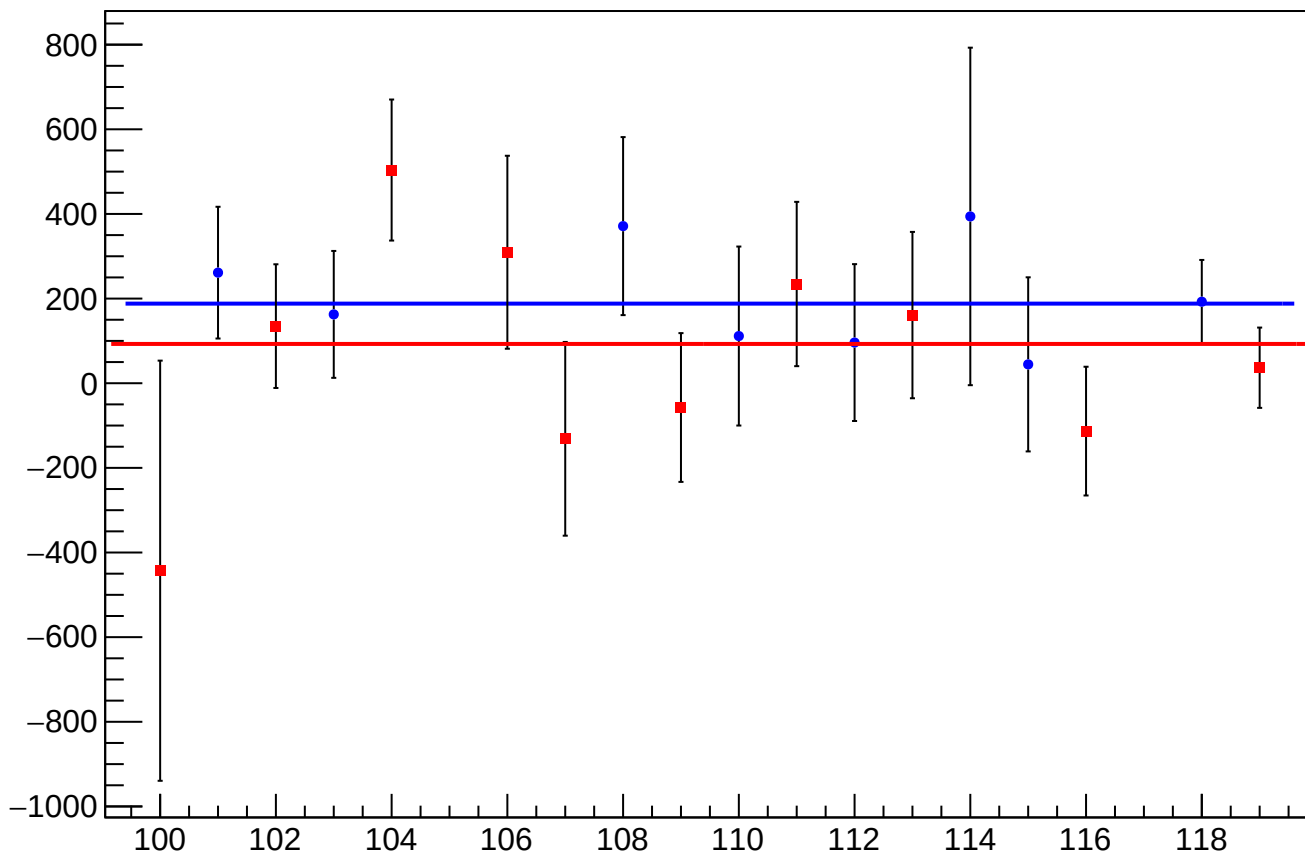
Right: 654.022+/-0.176 χ^2/NDF : 876337.6/17

In: 652.514+/-0.262 χ^2/NDF : 422907.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.022+/-0.176 χ^2/NDF : 876337.6/17

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 188.093 $\pm$ 58.484 χ^2 /NDF: 2.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.828 $\pm$ 52.388 χ^2 /NDF: 12.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

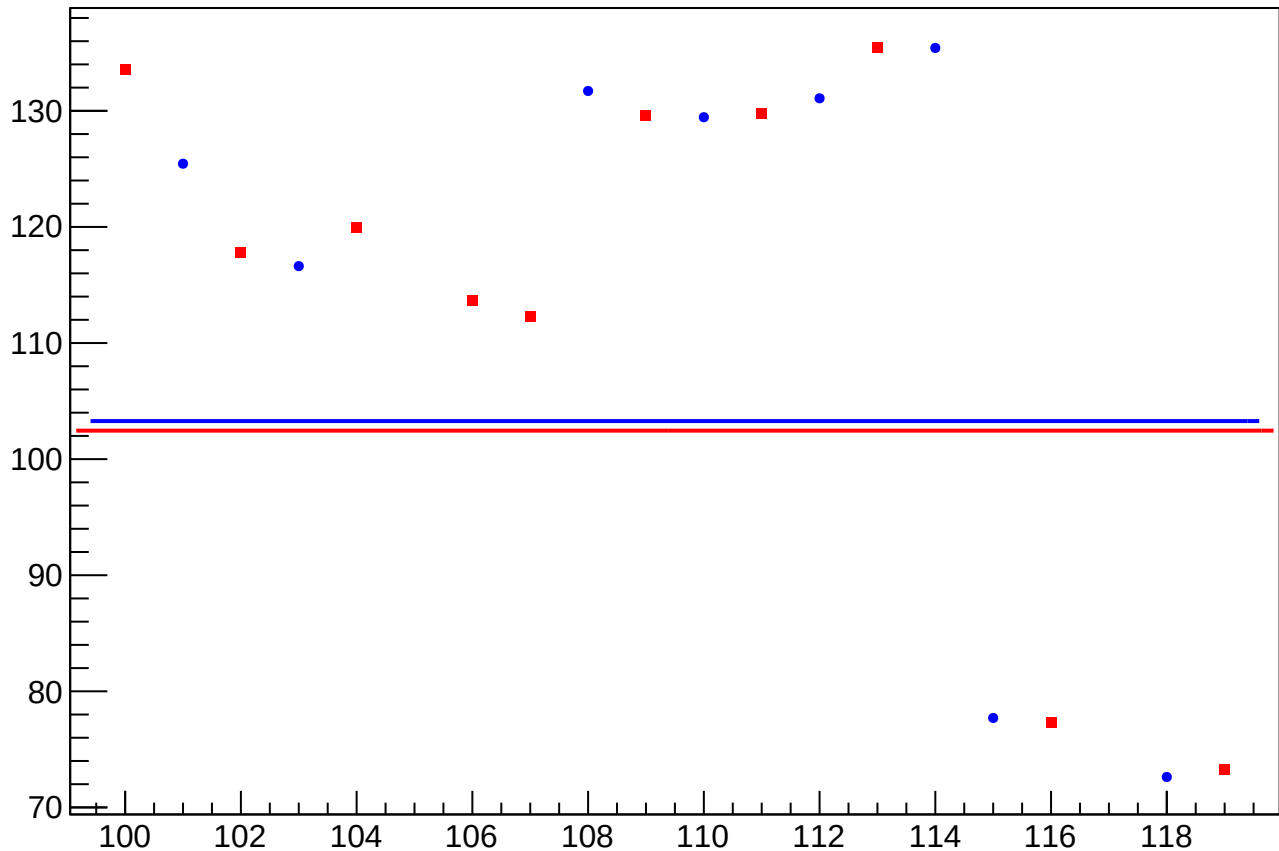
Right: 135.238 $\pm$ 39.022 χ^2 /NDF: 16.4/17

In: 188.093 $\pm$ 58.484 χ^2 /NDF:2.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 135.238 $\pm$ 39.022 χ^2 /NDF: 16.4/17

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 103.277+/-0.041 χ^2/NDF : 405358.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.454+/-0.037 χ^2/NDF : 448479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

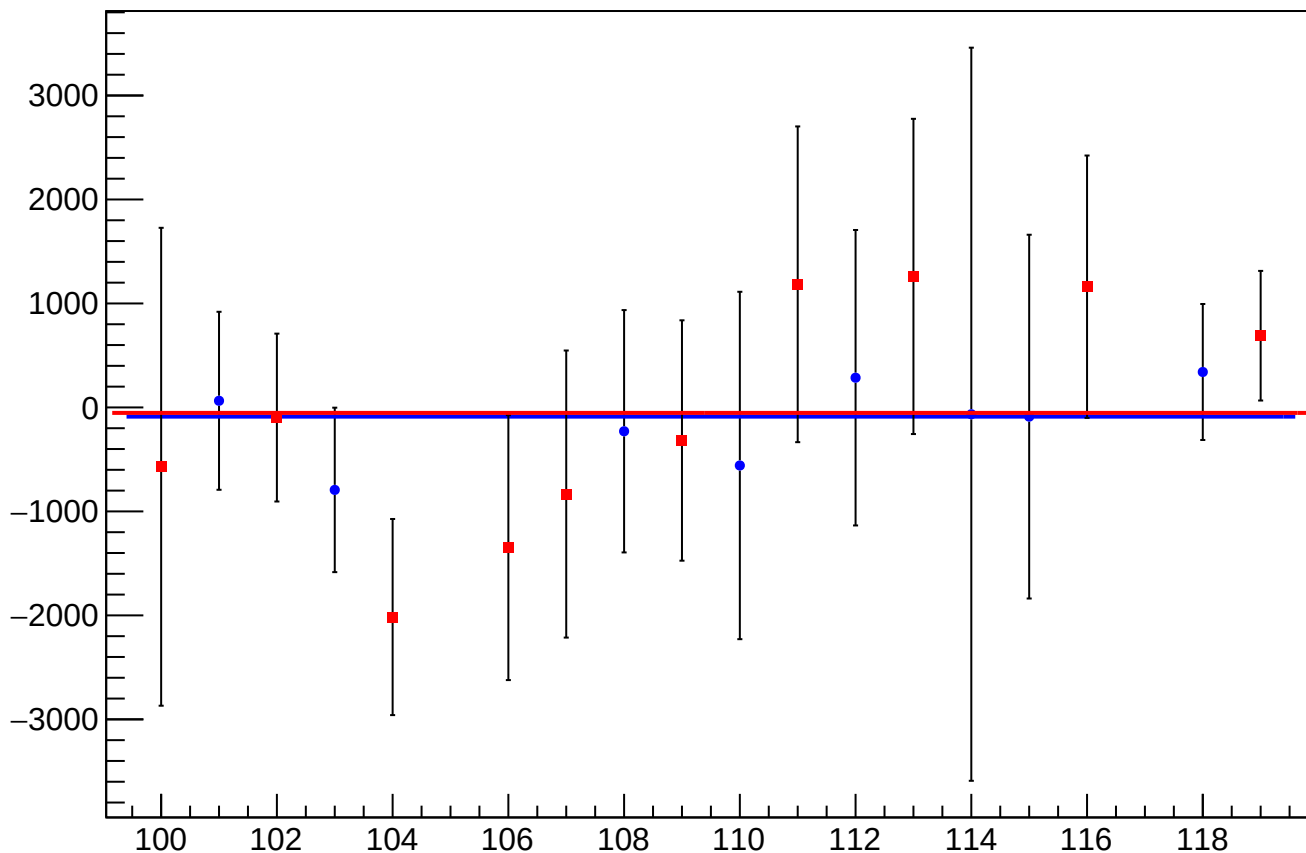
Right: 102.820+/-0.028 χ^2/NDF : 854057.7/17

In: 103.277+/-0.041 χ^2/NDF : 405358.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.820+/-0.028 χ^2/NDF : 854057.7/17

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -88.425+/-370.135 χ^2/NDF : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.623+/-336.948 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

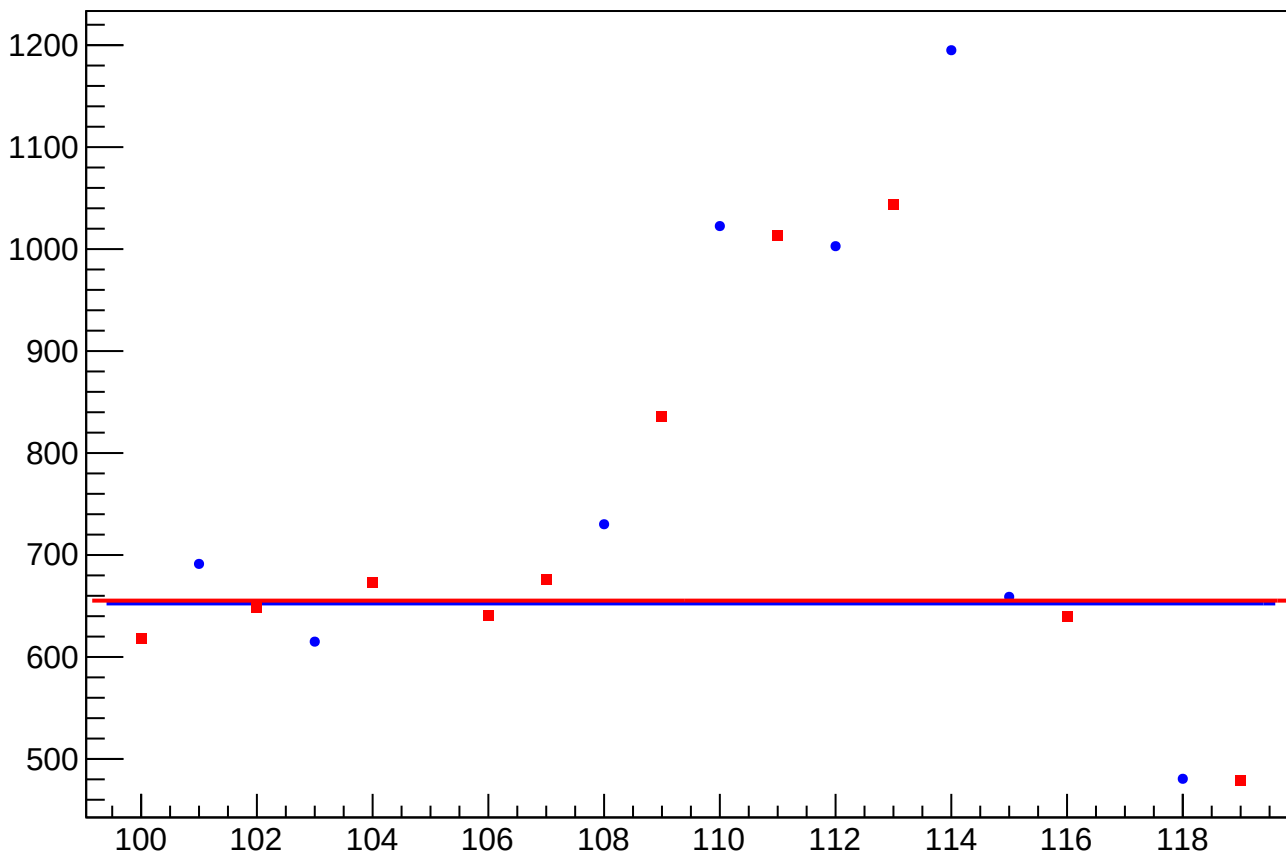
Right: -68.847+/-249.167 χ^2/NDF : 11.0/17

In: -88.425+/-370.135 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -68.847+/-249.167 χ^2/NDF : 11.0/17

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 652.514+/-0.262 χ^2/NDF : 422907.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 655.271+/-0.238 χ^2/NDF : 453369.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

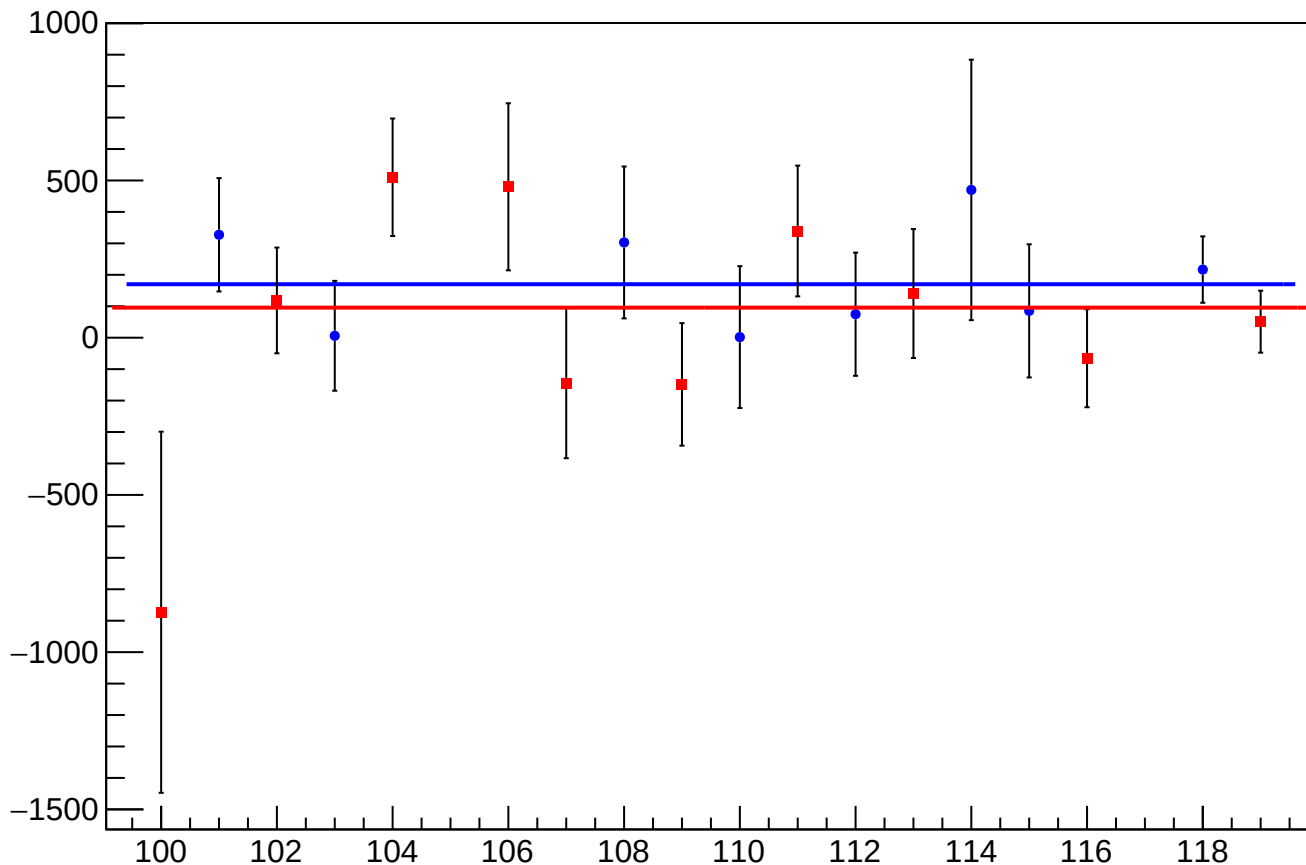
Right: 654.022+/-0.176 χ^2/NDF : 876337.6/17

In: 652.514+/-0.262 χ^2/NDF : 422907.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 654.022+/-0.176 χ^2/NDF : 876337.6/17

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 170.034 $\pm$ 63.983 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.629 $\pm$ 56.233 χ^2 /NDF: 15.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

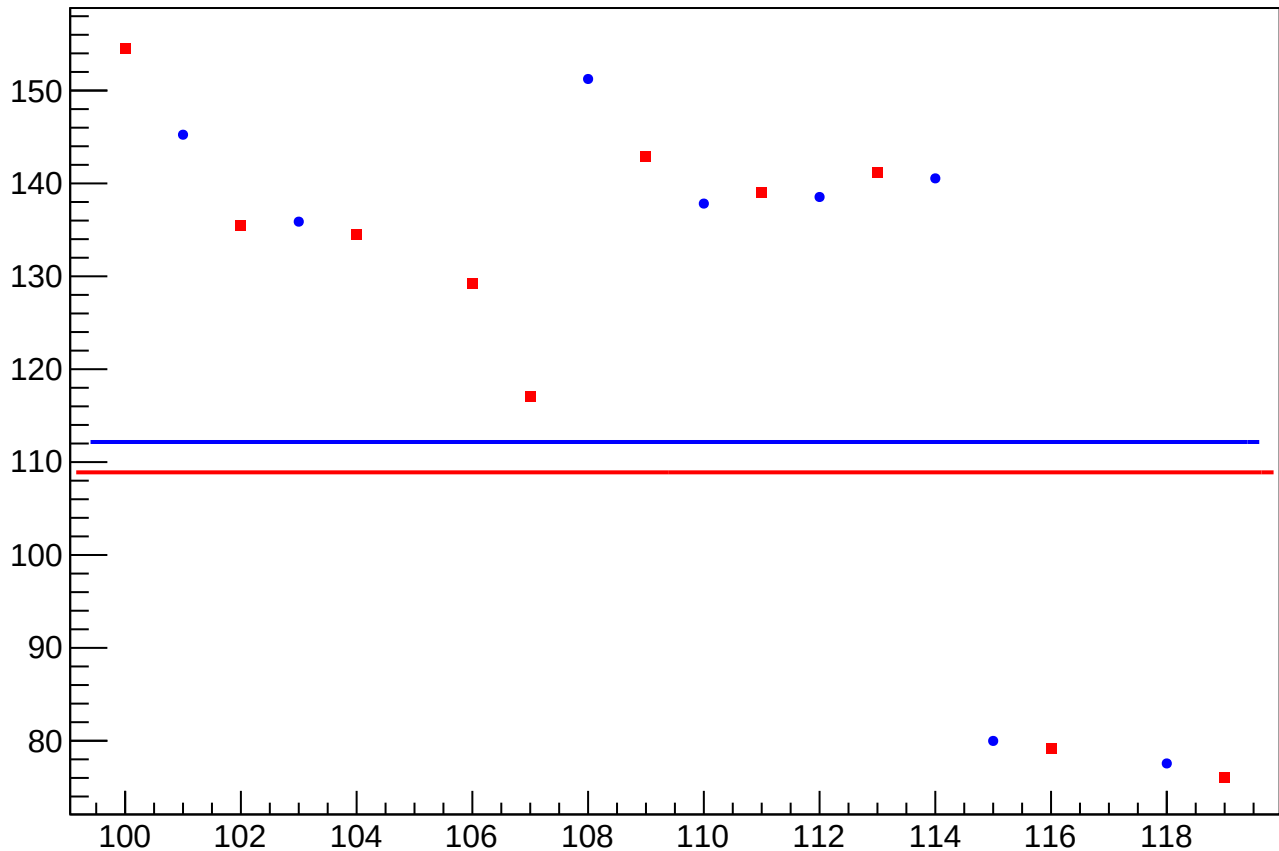
Right: 128.055 $\pm$ 42.239 χ^2 /NDF: 19.5/17

In: 170.034 $\pm$ 63.983 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.055 $\pm$ 42.239 χ^2 /NDF: 19.5/17

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 112.164 $\pm$ 0.045 χ^2 /NDF: 489238.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.896 $\pm$ 0.040 χ^2 /NDF: 561106.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

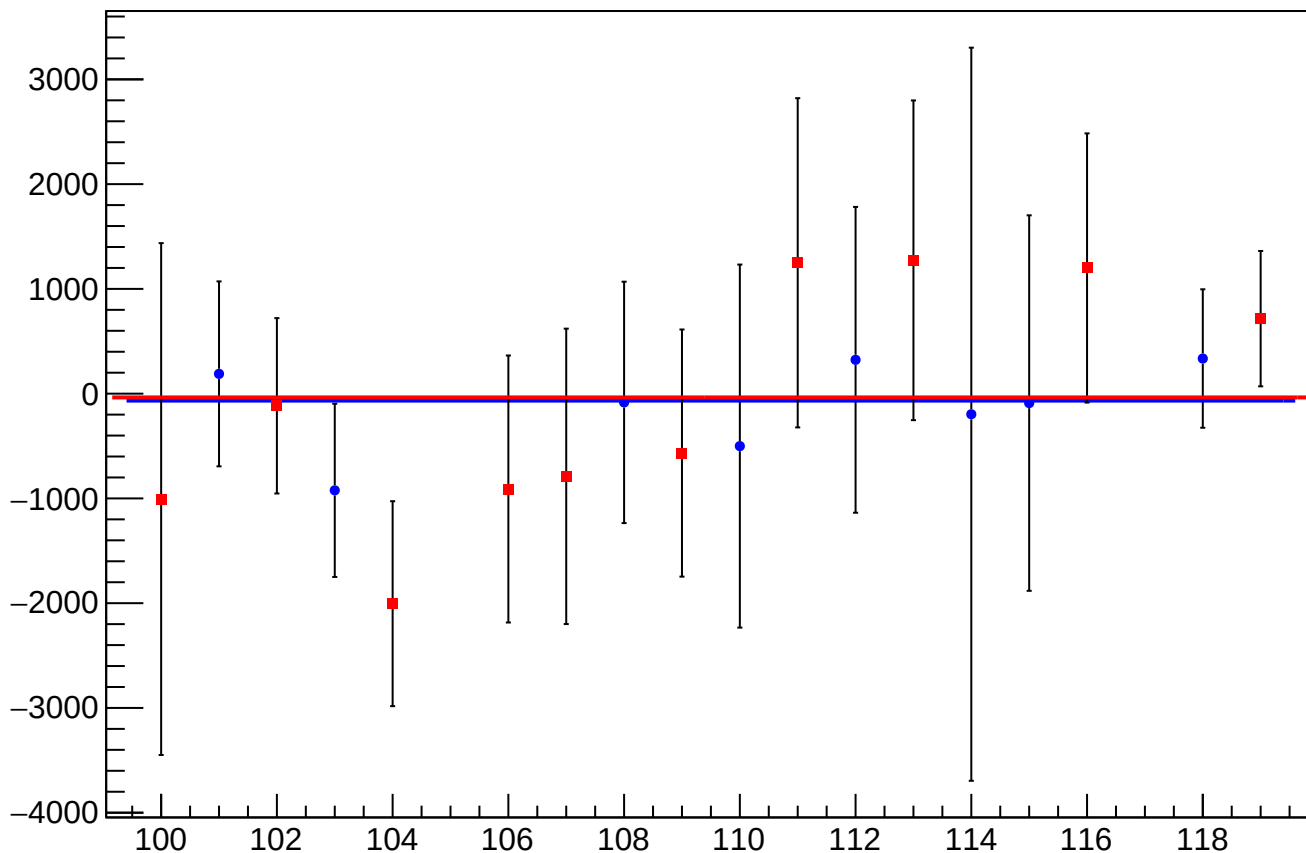
Right: 110.320 $\pm$ 0.030 χ^2 /NDF: 1053287.9/17

In: 112.164 $\pm$ 0.045 χ^2 /NDF:489238.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.320 $\pm$ 0.030 χ^2 /NDF: 1053287.9/17

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -66.130+/-378.372 χ^2/NDF : 1.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.031+/-346.808 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

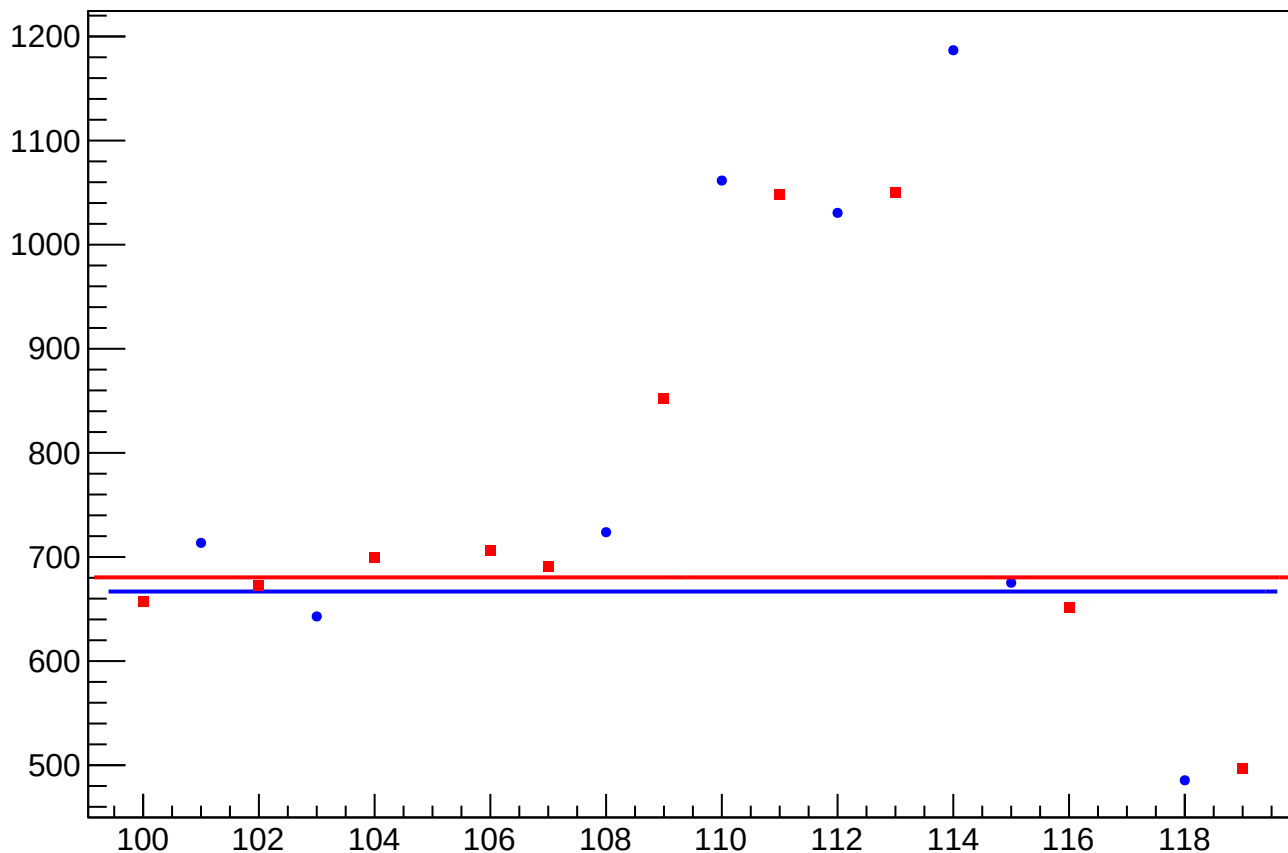
Right: -49.773+/-255.662 χ^2/NDF : 10.5/17

In: -66.130+/-378.372 χ^2/NDF : 1.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.773+/-255.662 χ^2/NDF : 10.5/17

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 666.823+/-0.268 χ^2/NDF : 434986.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.423+/-0.245 χ^2/NDF : 434576.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

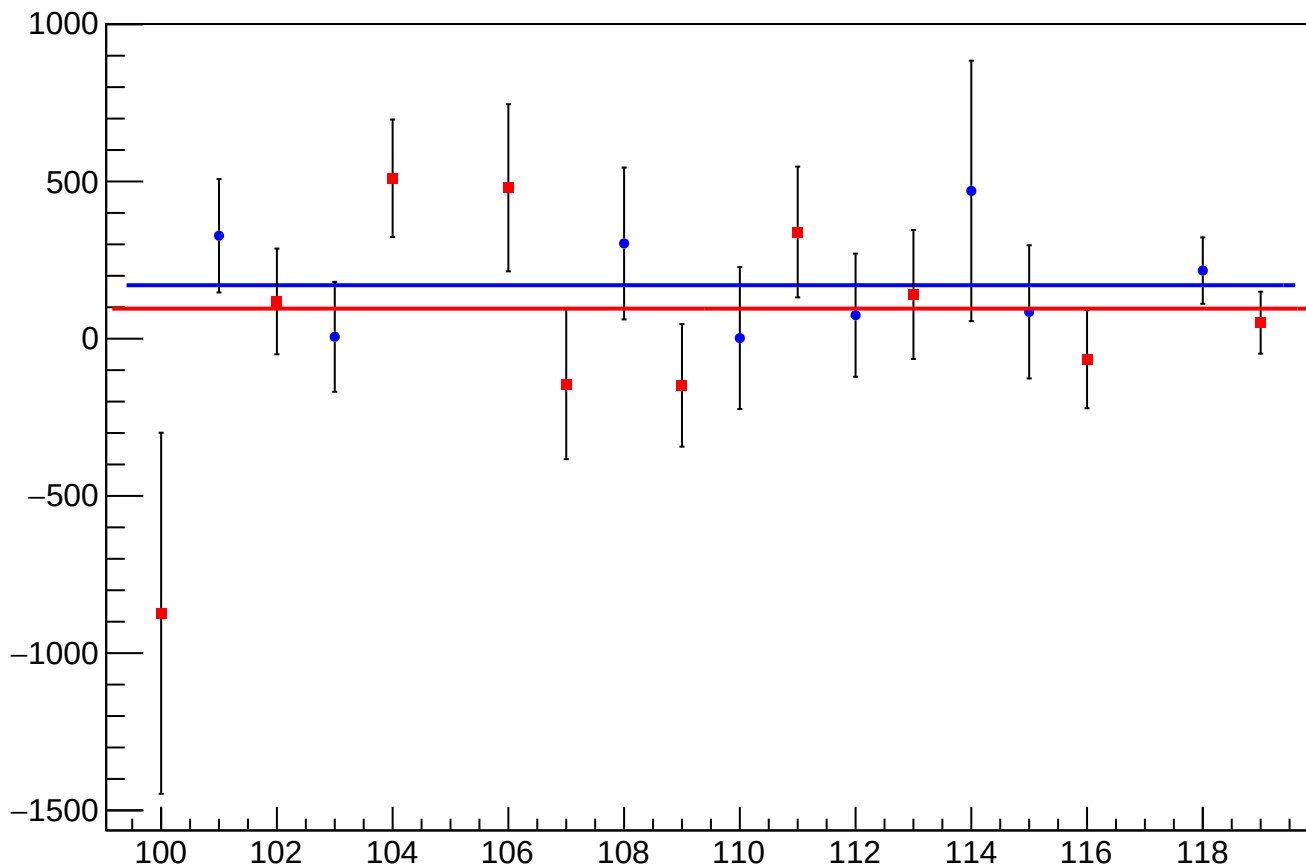
Right: 674.214+/-0.181 χ^2/NDF : 870966.2/17

In: 666.823+/-0.268 χ^2/NDF : 434986.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.214+/-0.181 χ^2/NDF : 870966.2/17

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 170.034 $\pm$ 63.983 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 95.627 $\pm$ 56.233 χ^2 /NDF: 15.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

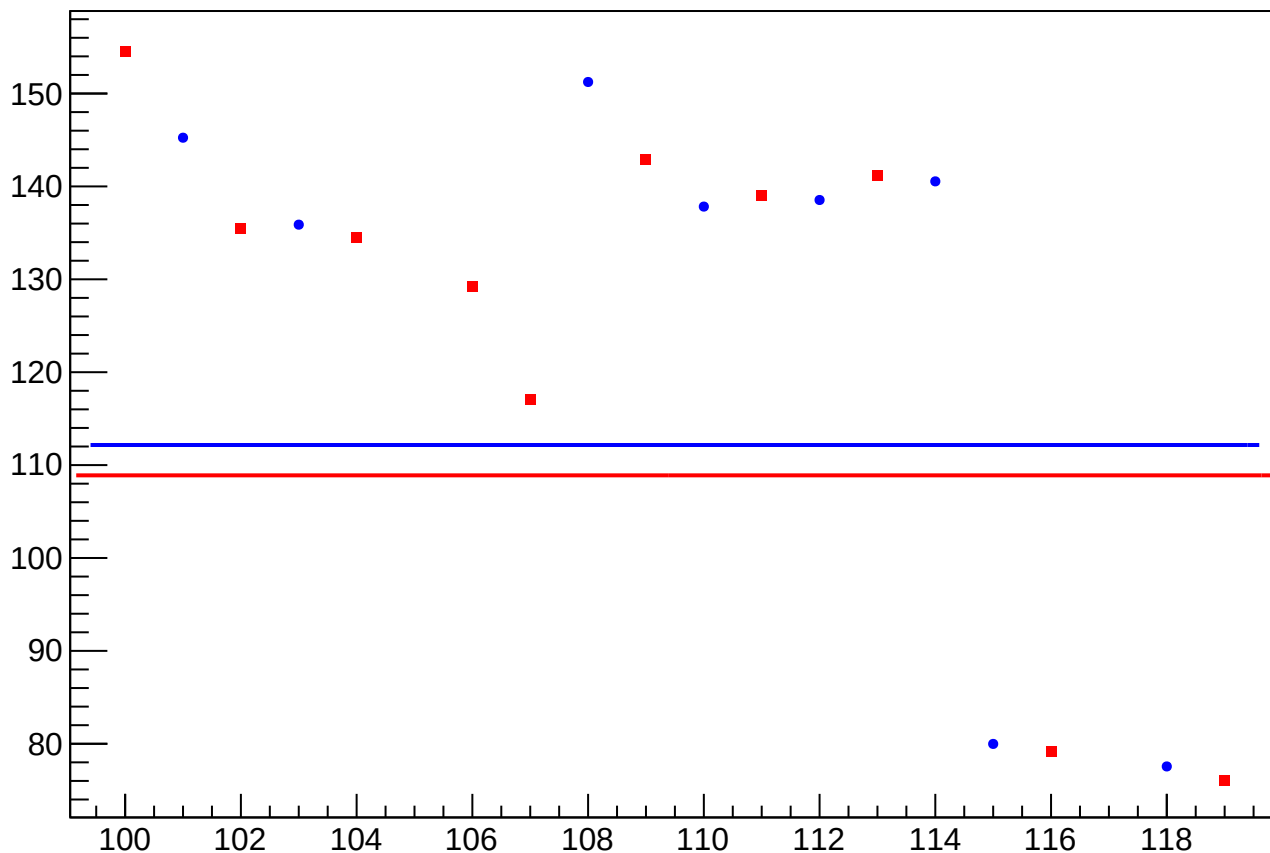
Right: 128.054 $\pm$ 42.239 χ^2 /NDF: 19.5/17

In: 170.034 $\pm$ 63.983 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 128.054 $\pm$ 42.239 χ^2 /NDF: 19.5/17

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 112.164 $\pm$ 0.045 χ^2 /NDF: 489238.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.896 $\pm$ 0.040 χ^2 /NDF: 561108.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

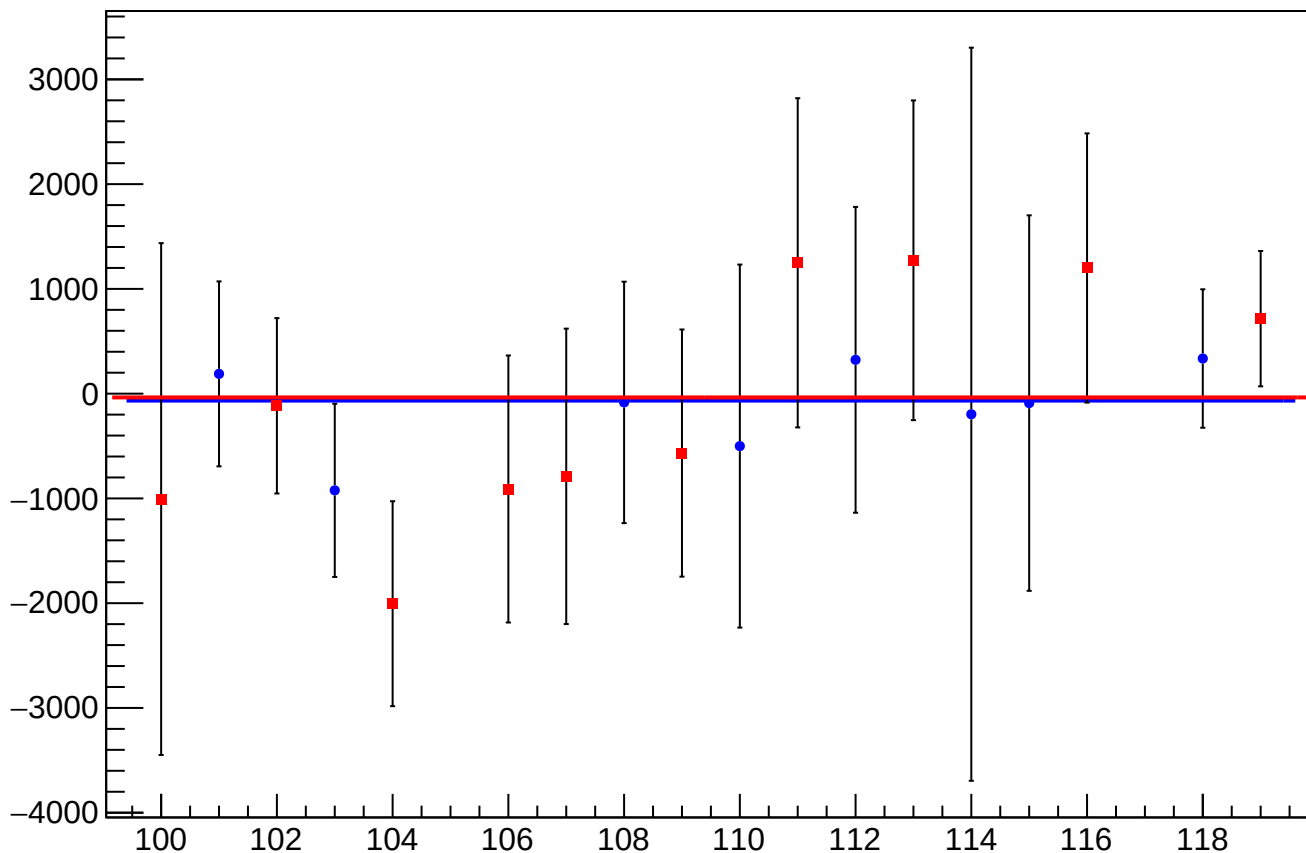
Right: 110.320 $\pm$ 0.030 χ^2 /NDF: 1053289.6/17

In: 112.164 $\pm$ 0.045 χ^2 /NDF:489238.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.320 $\pm$ 0.030 χ^2 /NDF: 1053289.6/17

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -66.129+/-378.371 χ^2/NDF : 1.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.032+/-346.808 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

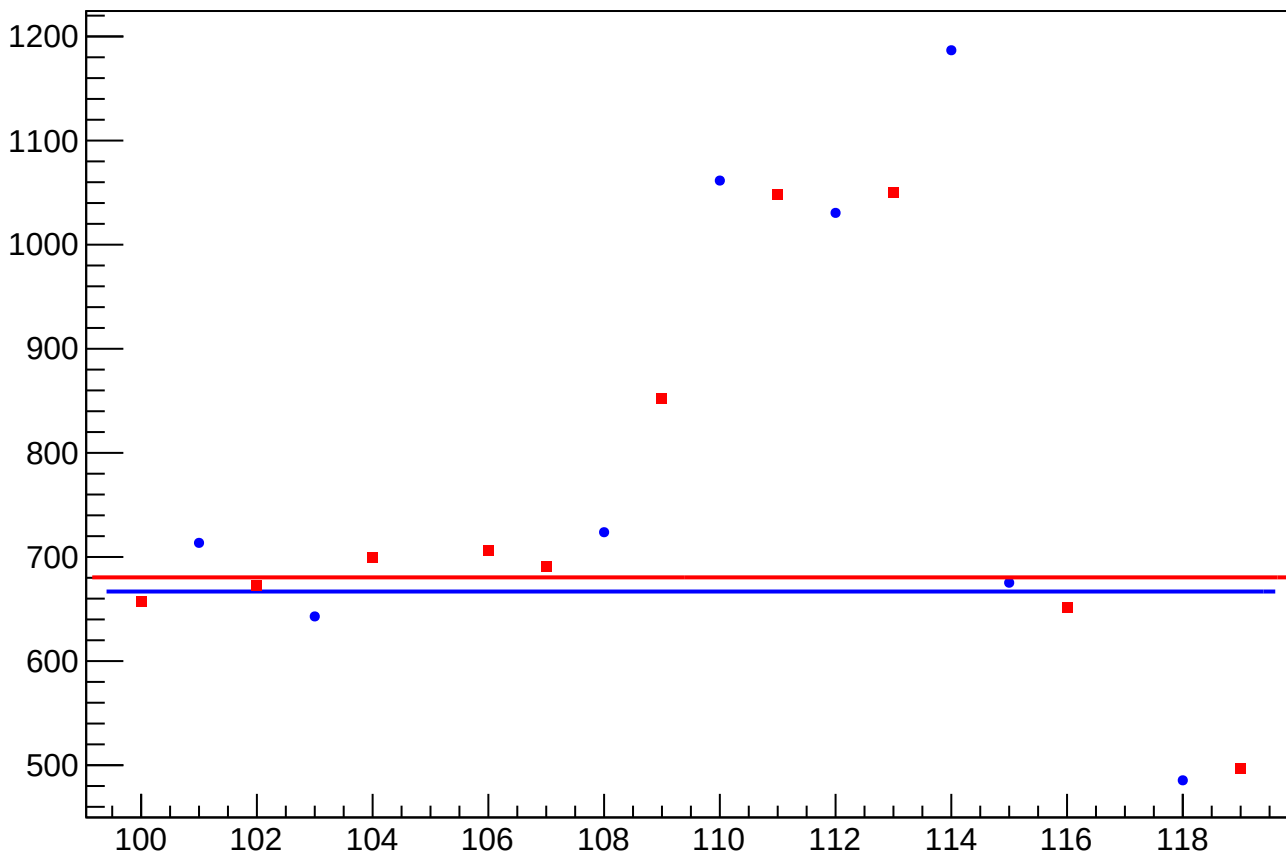
Right: -49.773+/-255.662 χ^2/NDF : 10.5/17

In: -66.129+/-378.371 χ^2/NDF : 1.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.773+/-255.662 χ^2/NDF : 10.5/17

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 666.822 $\pm$ 0.268 χ^2 /NDF: 434986.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 680.422 $\pm$ 0.245 χ^2 /NDF: 434576.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

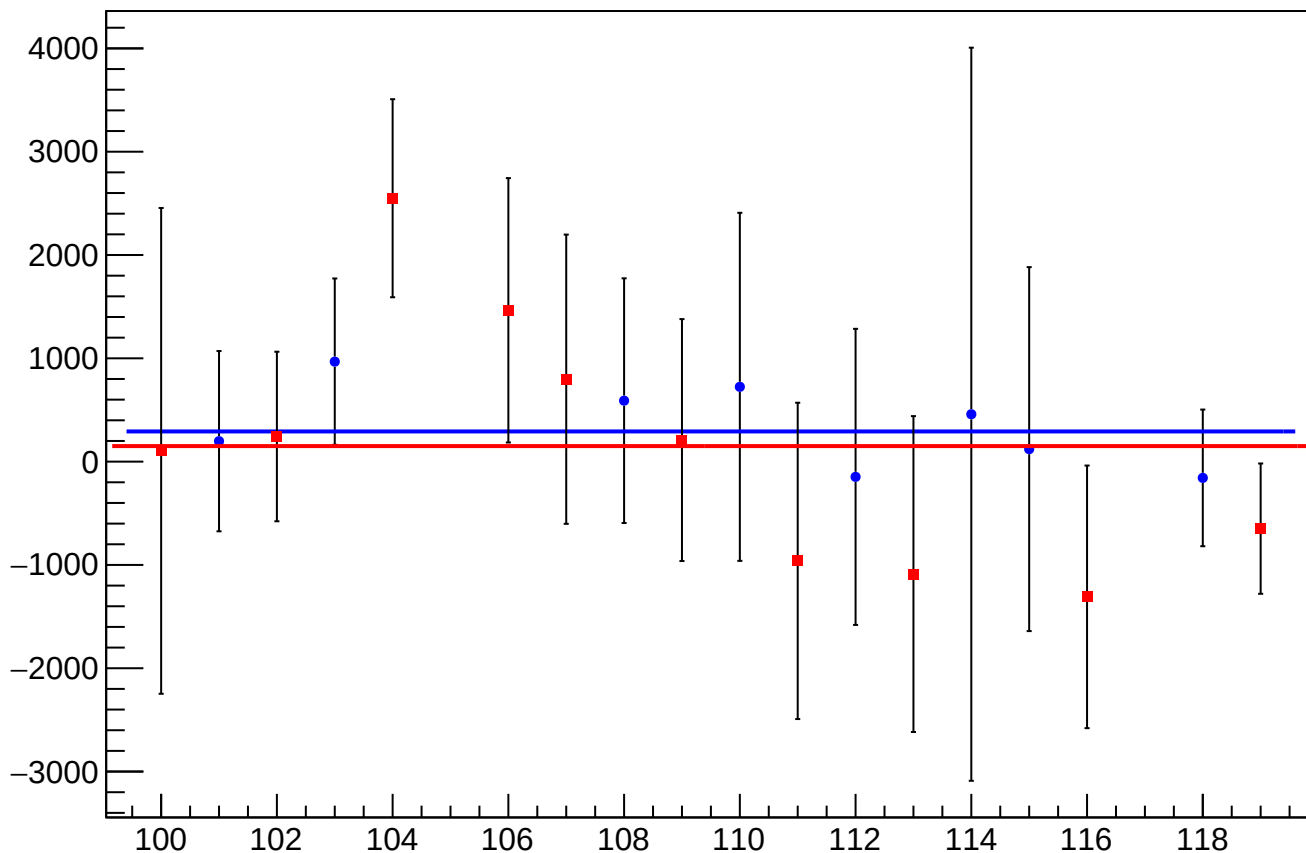
Right: 674.213 $\pm$ 0.181 χ^2 /NDF: 870967.9/17

In: 666.822 $\pm$ 0.268 χ^2 /NDF:434986.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 674.213 $\pm$ 0.181 χ^2 /NDF: 870967.9/17

asym_sam1_mean vs Slug, Sign Corrected



Right In: 292.144+/-375.391 χ^2/NDF : 1.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.349+/-341.153 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

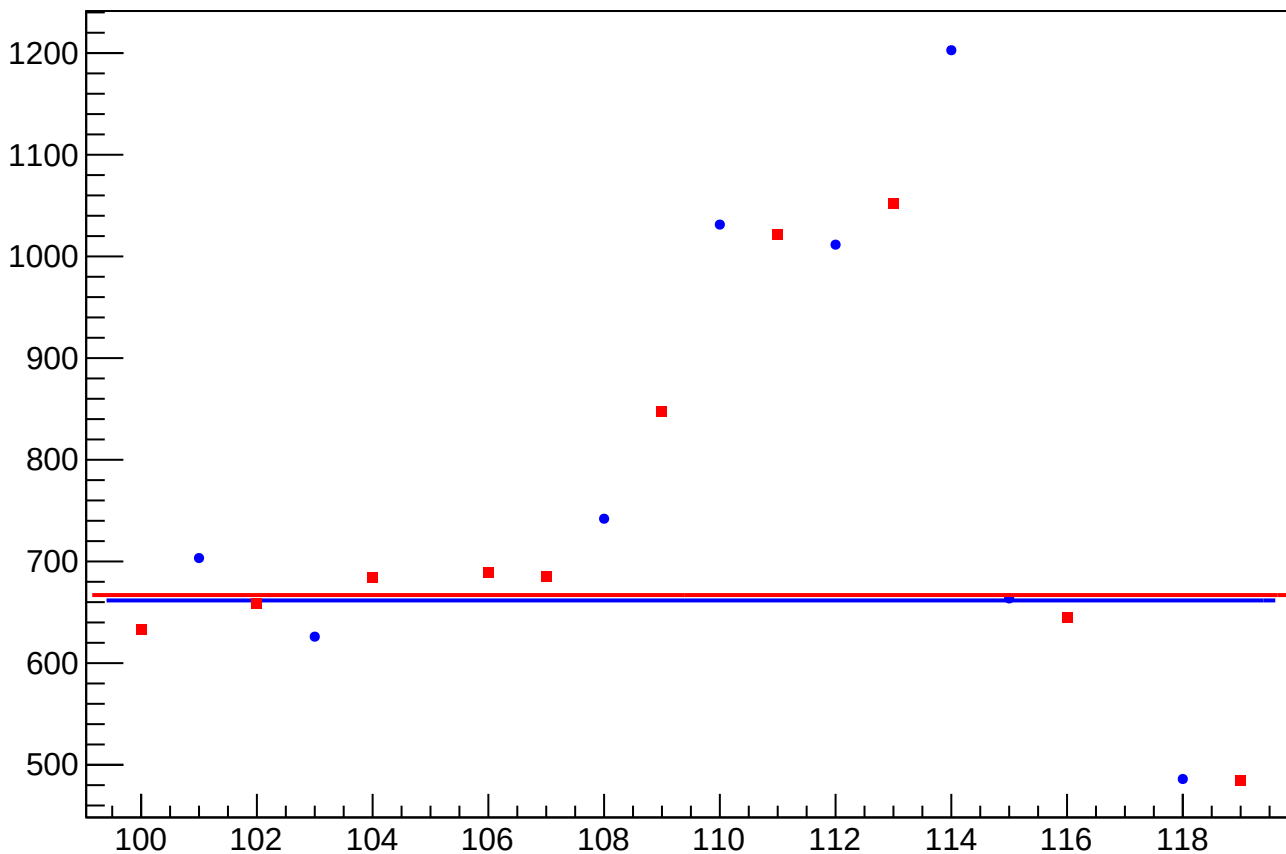
Right: 214.486+/-252.470 χ^2/NDF : 13.1/17

In: 292.144+/-375.391 χ^2/NDF : 1.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.486+/-252.470 χ^2/NDF : 13.1/17

asym_sam1_rms vs Slug, Sign Corrected



Right In: 661.661+/-0.265 χ^2/NDF : 420729.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.952+/-0.241 χ^2/NDF : 451775.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

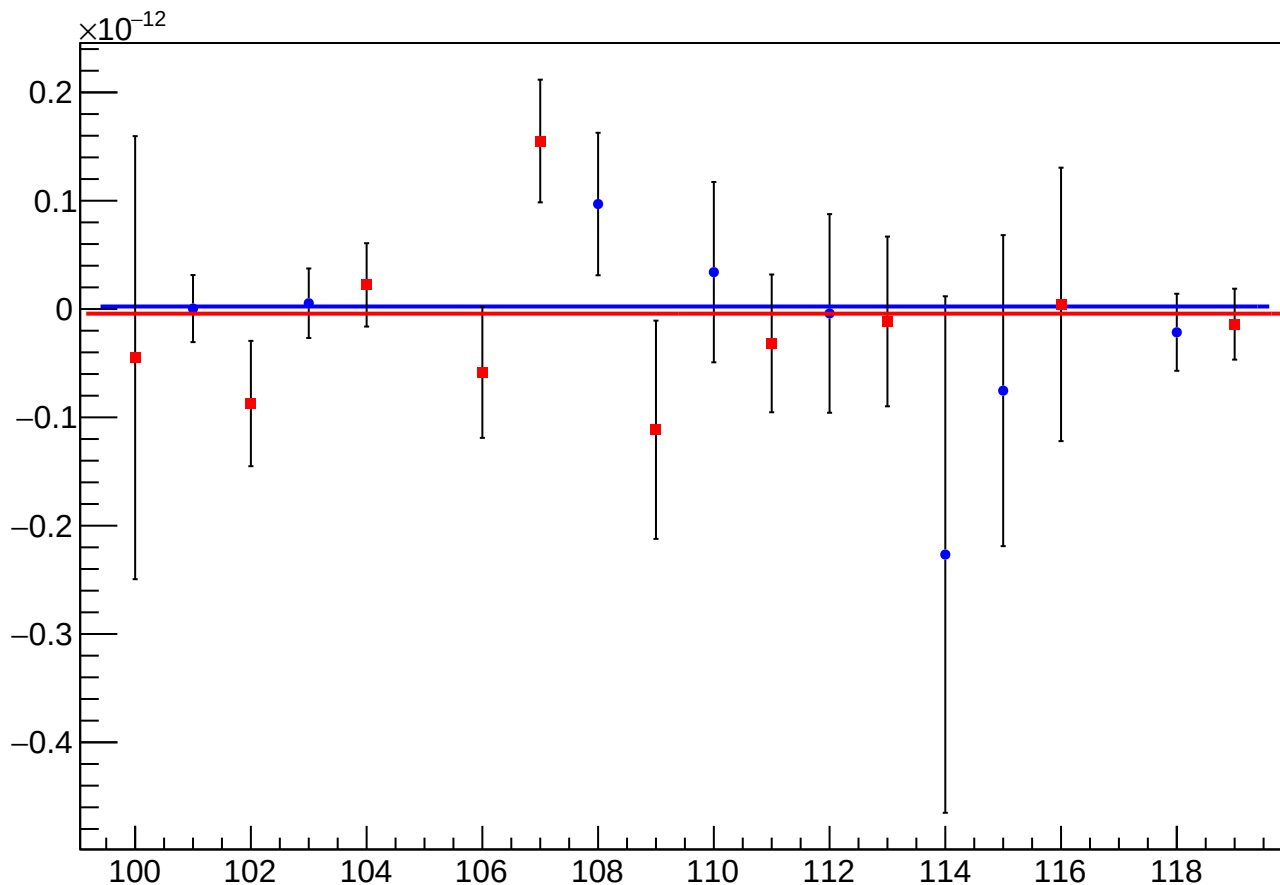
Right: 664.559+/-0.179 χ^2/NDF : 872722.4/17

In: 661.661+/-0.265 χ^2/NDF : 420729.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 664.559+/-0.179 χ^2/NDF : 872722.4/17

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

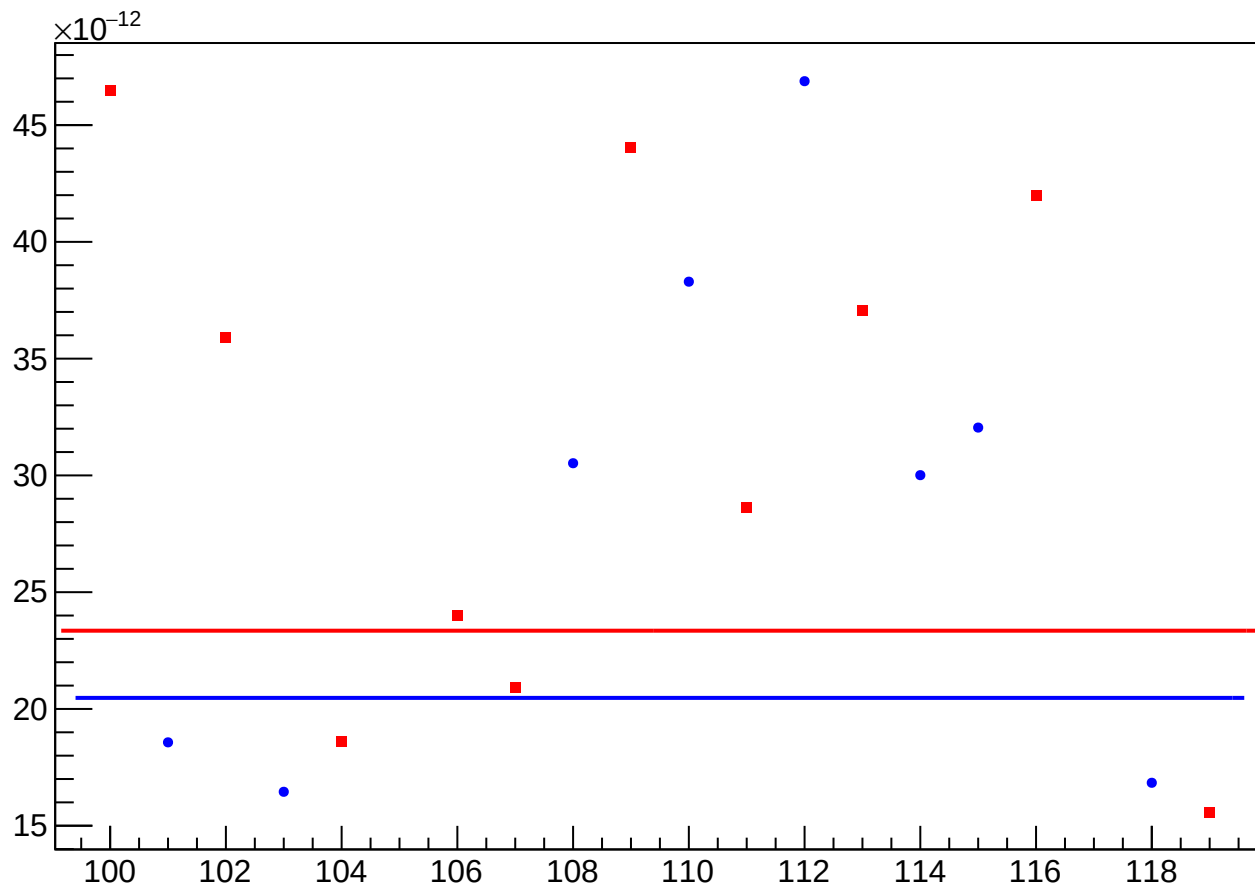
Right: -0.000+/-0.000 χ^2/NDF : 16.7/17

In: 0.000+/-0.000 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/17

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 380336.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 469777.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

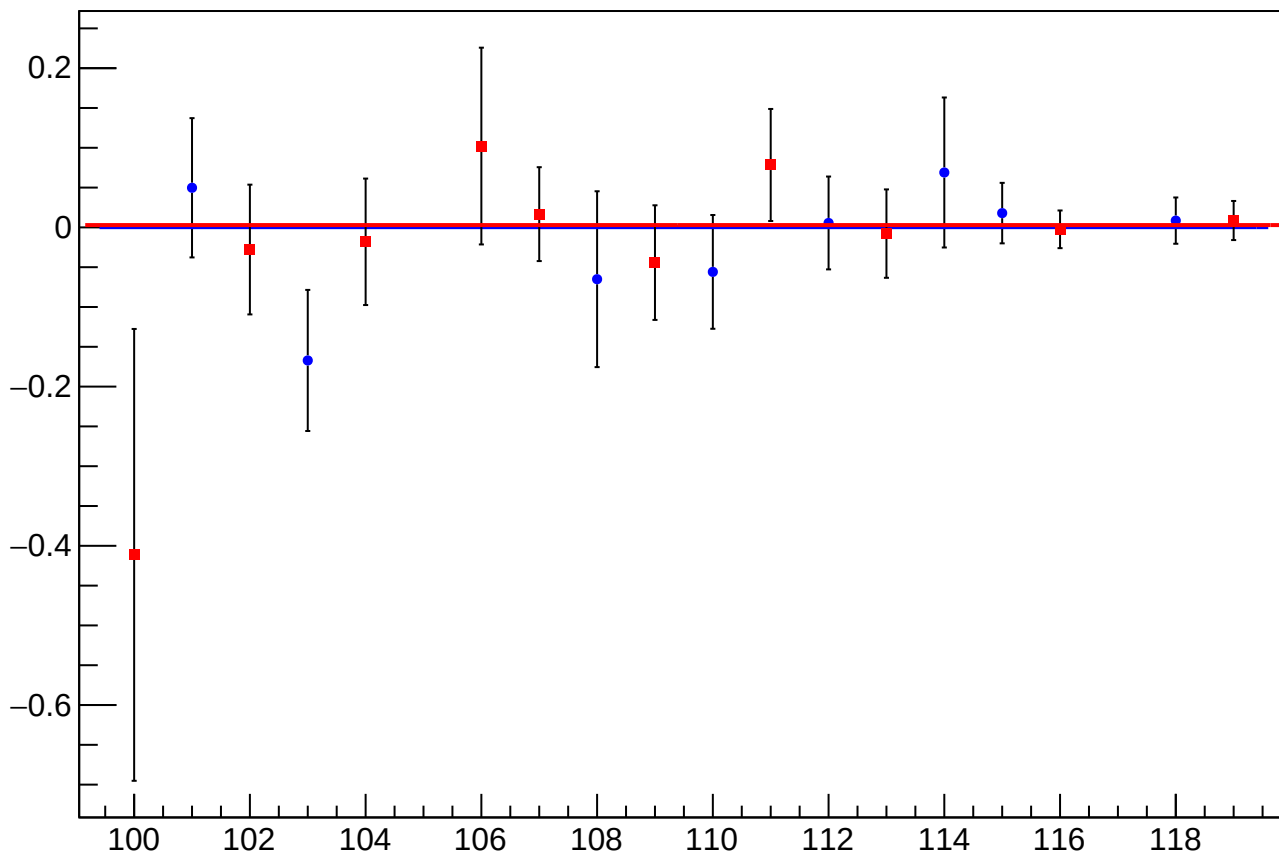
Right: 0.000+/-0.000 χ^2/NDF : 876778.5/17

In: 0.000+/-0.000 χ^2/NDF : 380336.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 876778.5/17

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

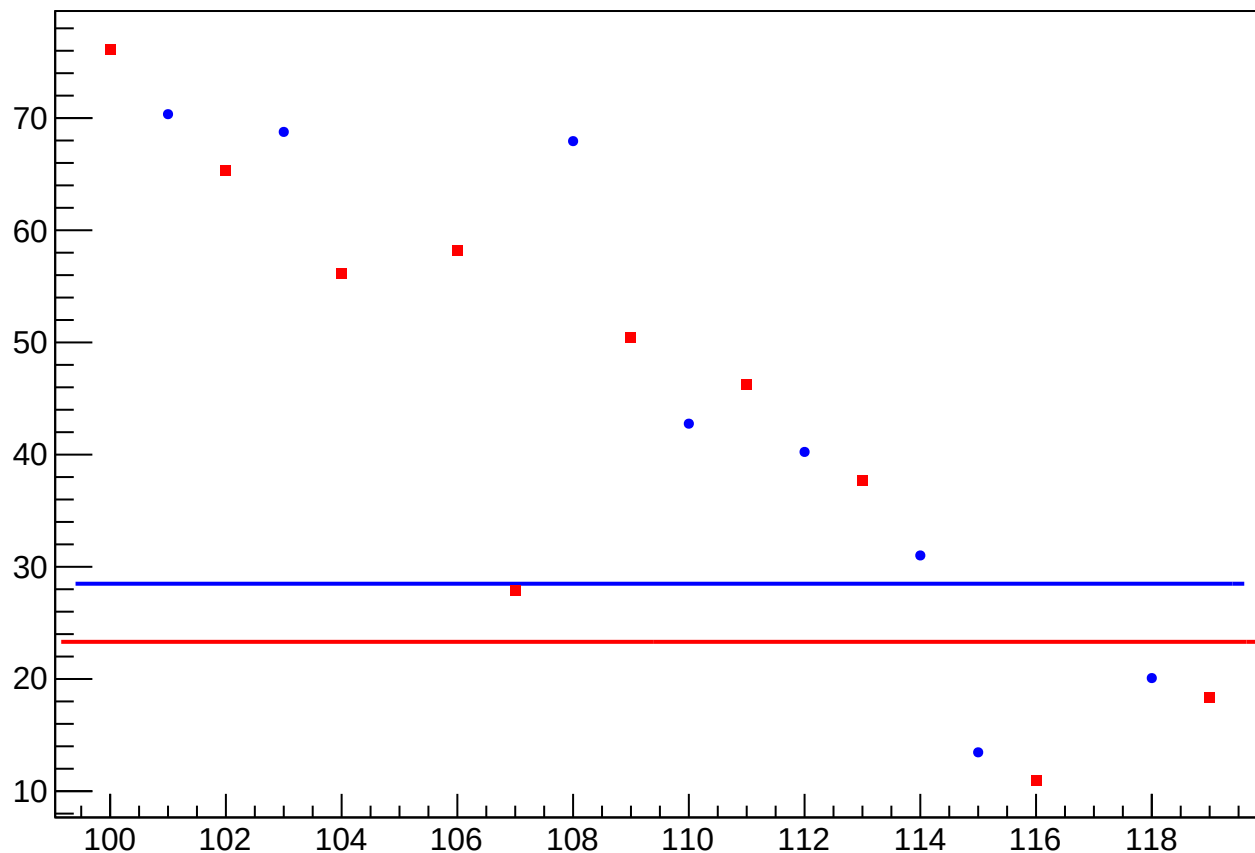
Right: 0.002+/-0.011 χ^2/NDF : 10.5/17

In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 10.5/17

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.492+/-0.013 χ^2/NDF : 1768771.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.312+/-0.010 χ^2/NDF : 2372580.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

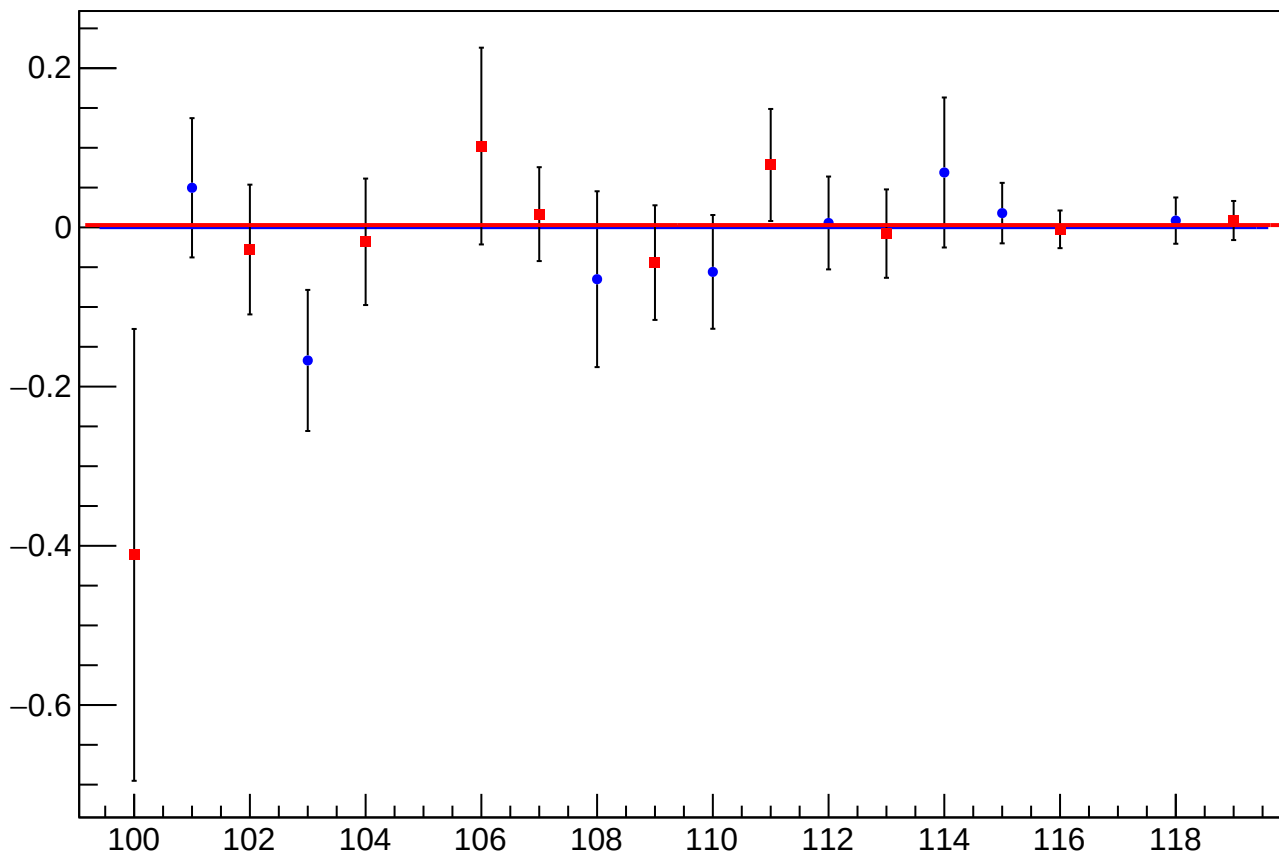
Right: 25.219+/-0.008 χ^2/NDF : 4236924.6/17

In: 28.492+/-0.013 χ^2/NDF : 1768771.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.219+/-0.008 χ^2/NDF : 4236924.6/17

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

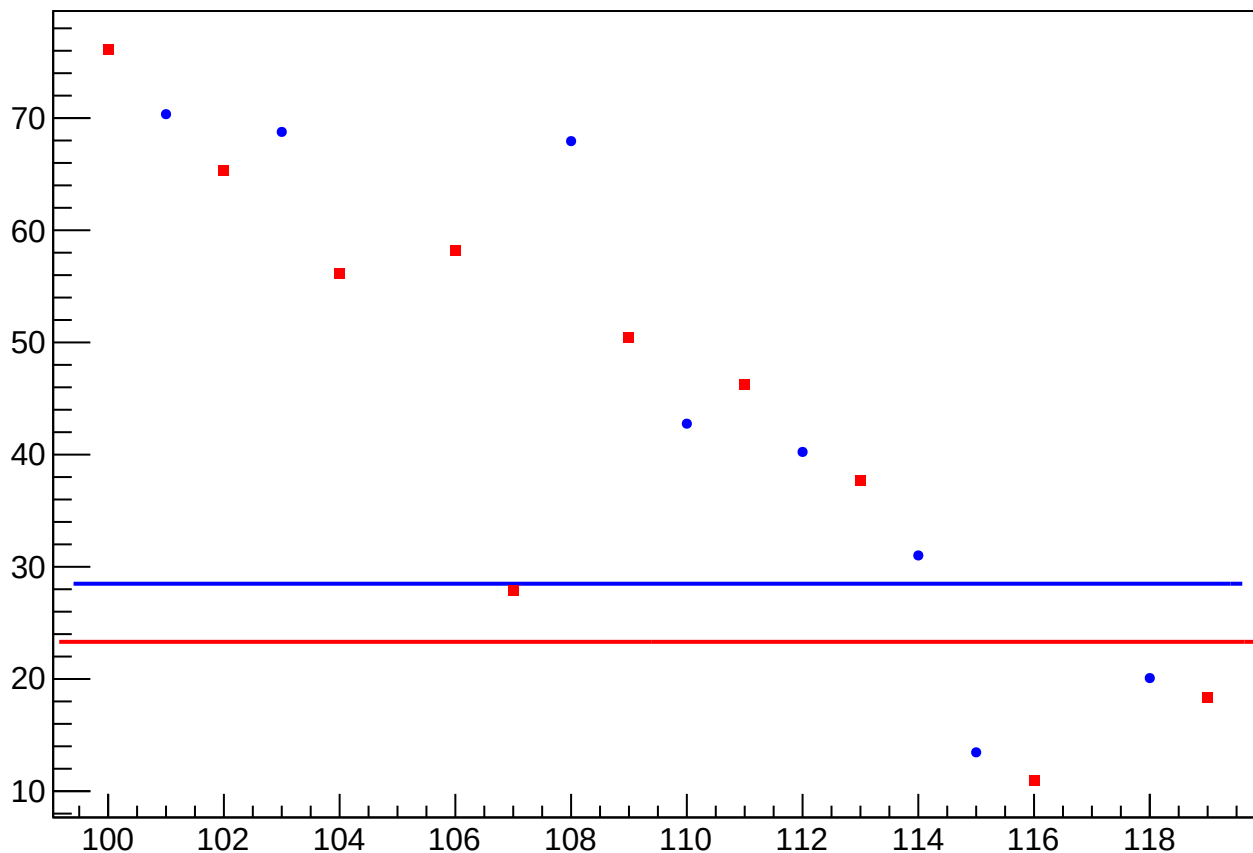
Right: 0.002+/-0.011 χ^2/NDF : 10.5/17

In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 10.5/17

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.492 $\pm$ 0.013 χ^2 /NDF: 1768771.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.312 $\pm$ 0.010 χ^2 /NDF: 2372580.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

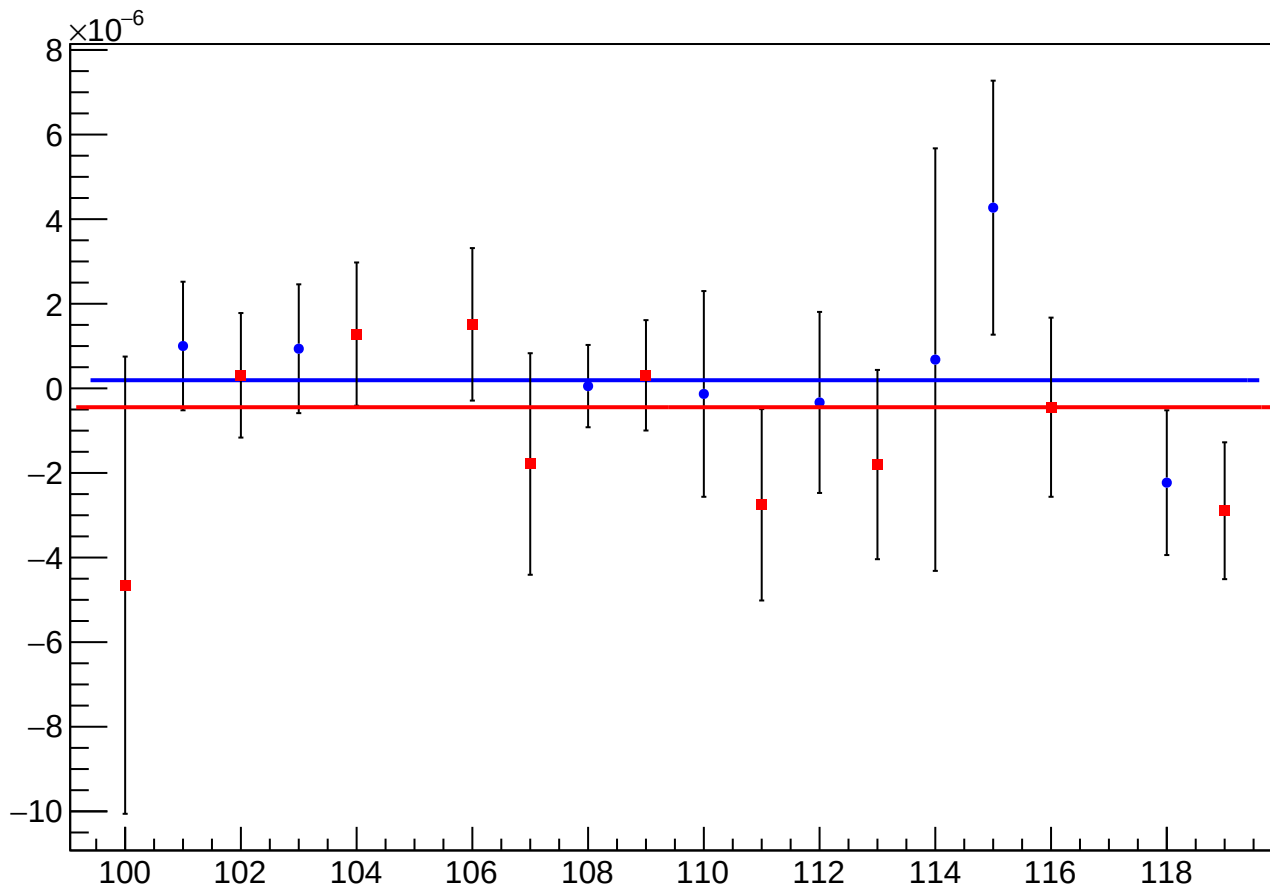
Right: 25.219 $\pm$ 0.008 χ^2 /NDF: 4236924.6/17

In: 28.492 $\pm$ 0.013 χ^2 /NDF:1768771.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.219 $\pm$ 0.008 χ^2 /NDF: 4236924.6/17

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

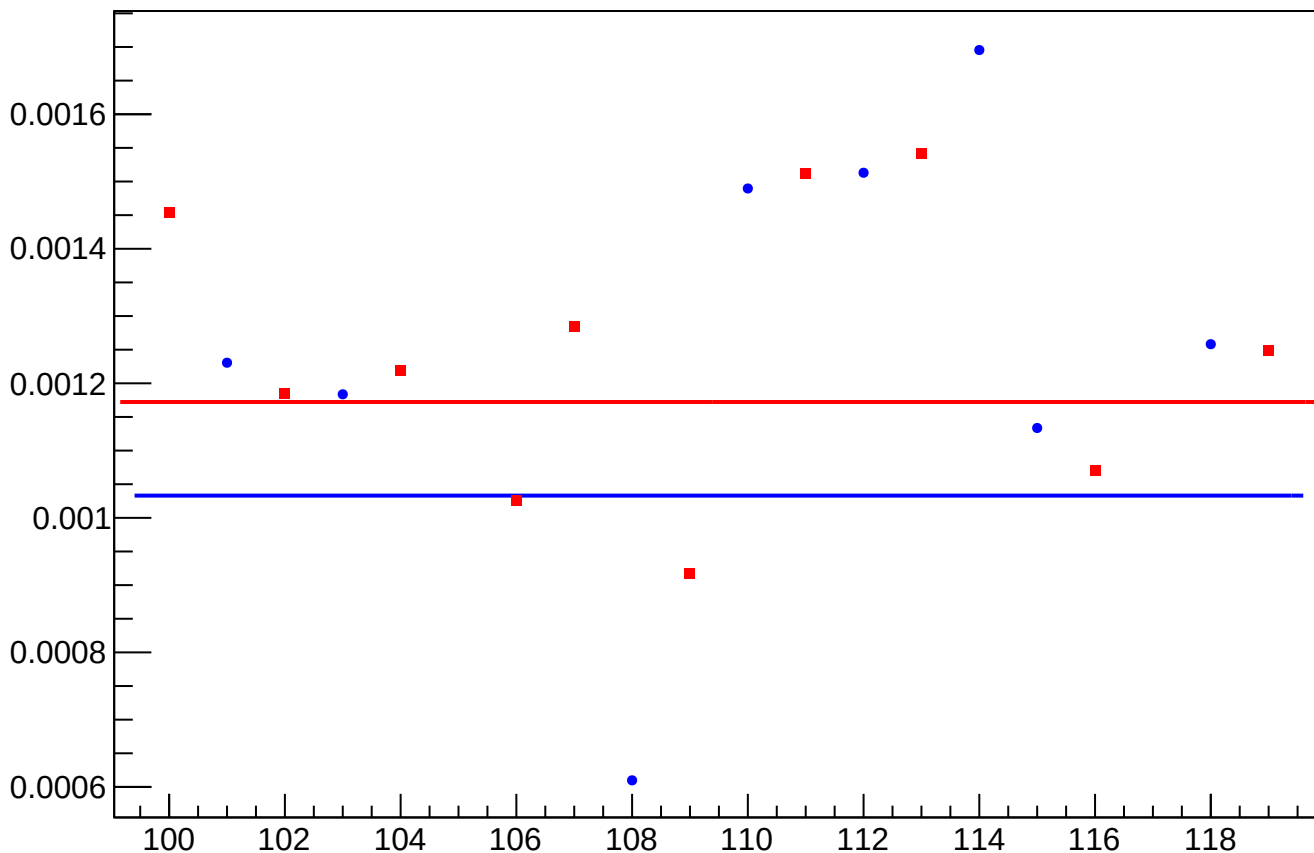
Right: -0.000+/-0.000 χ^2/NDF : 12.4/17

In: 0.000+/-0.000 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.4/17

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 674930.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 209294.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

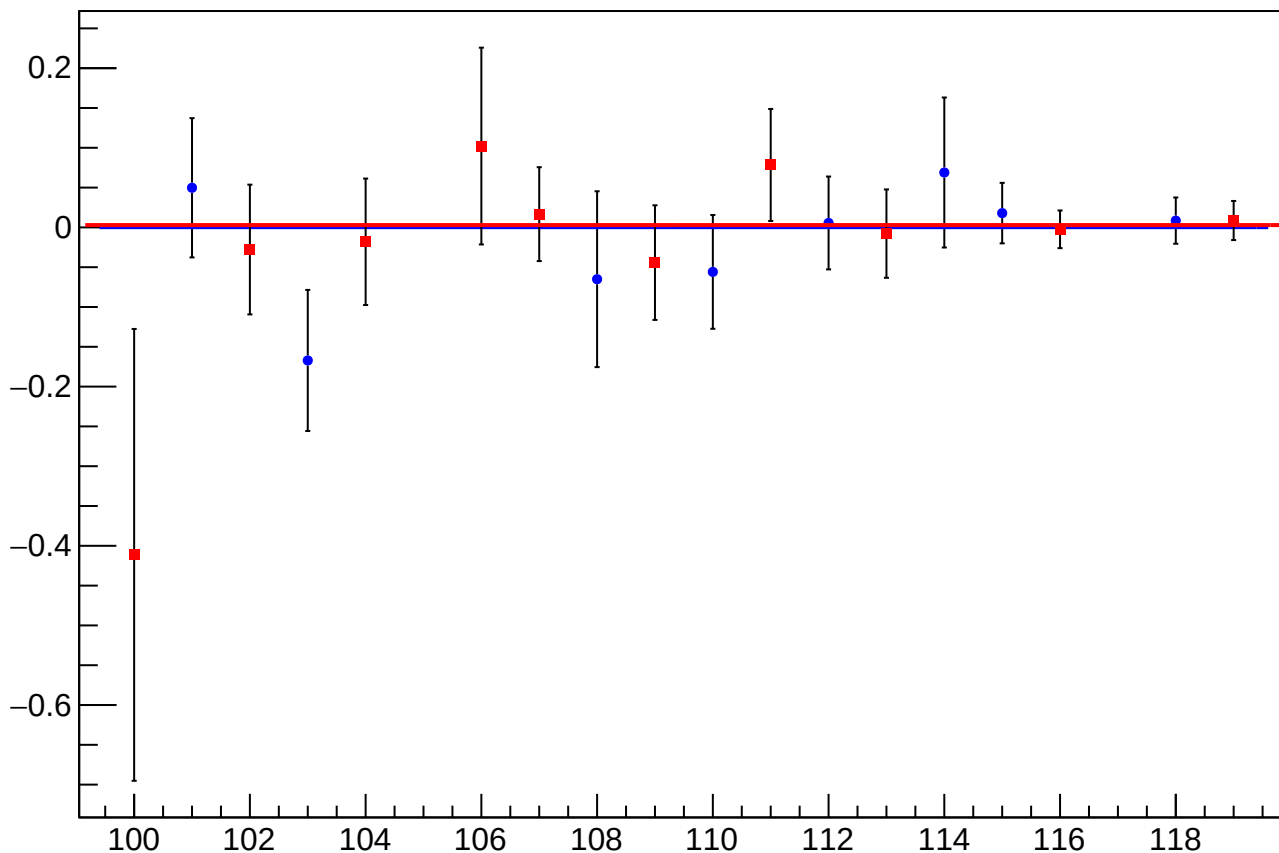
Right: 0.001+/-0.000 χ^2/NDF : 939257.2/17

In: 0.001+/-0.000 χ^2/NDF :674930.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 939257.2/17

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.014 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

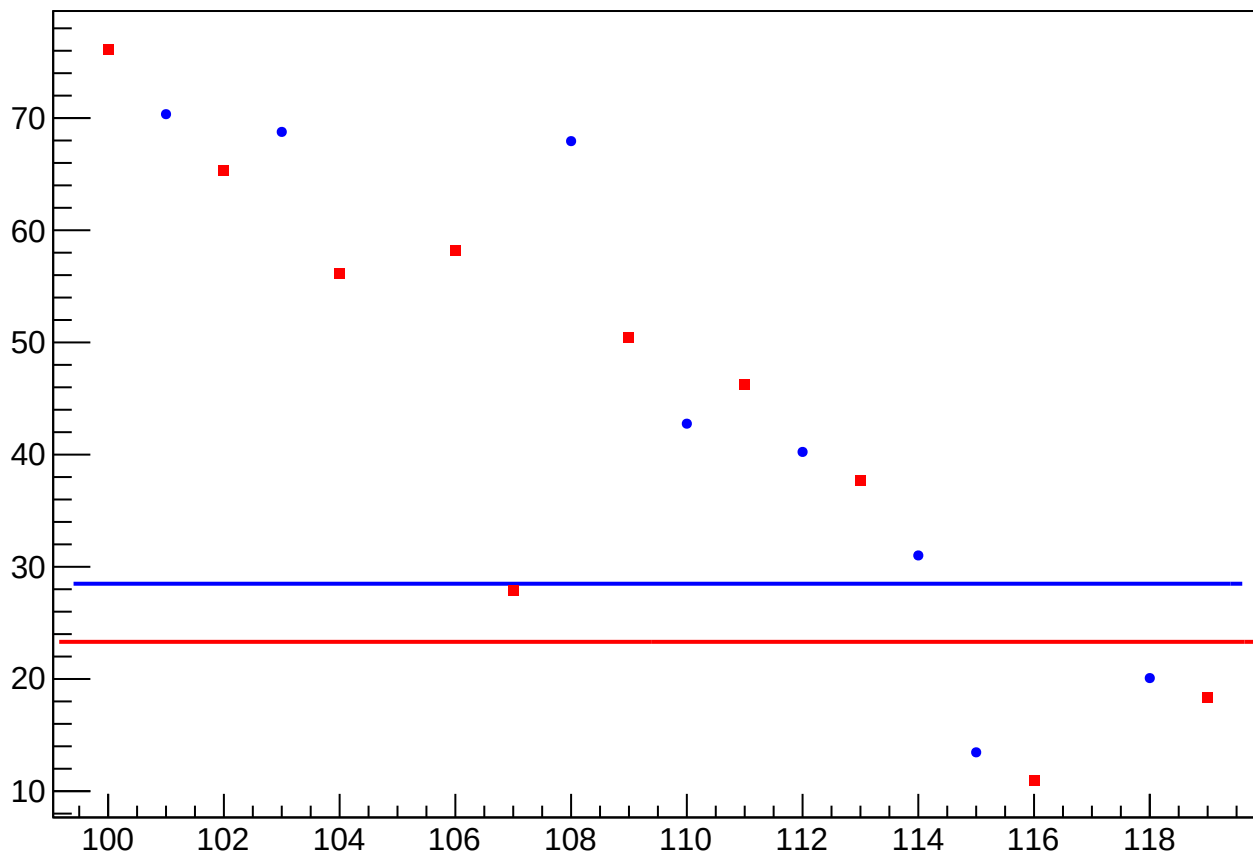
Right: 0.002+/-0.011 χ^2/NDF : 10.5/17

In: 0.000+/-0.019 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 10.5/17

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.491 $\pm$ 0.013 χ^2 /NDF: 1768826.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.312 $\pm$ 0.010 χ^2 /NDF: 2372648.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

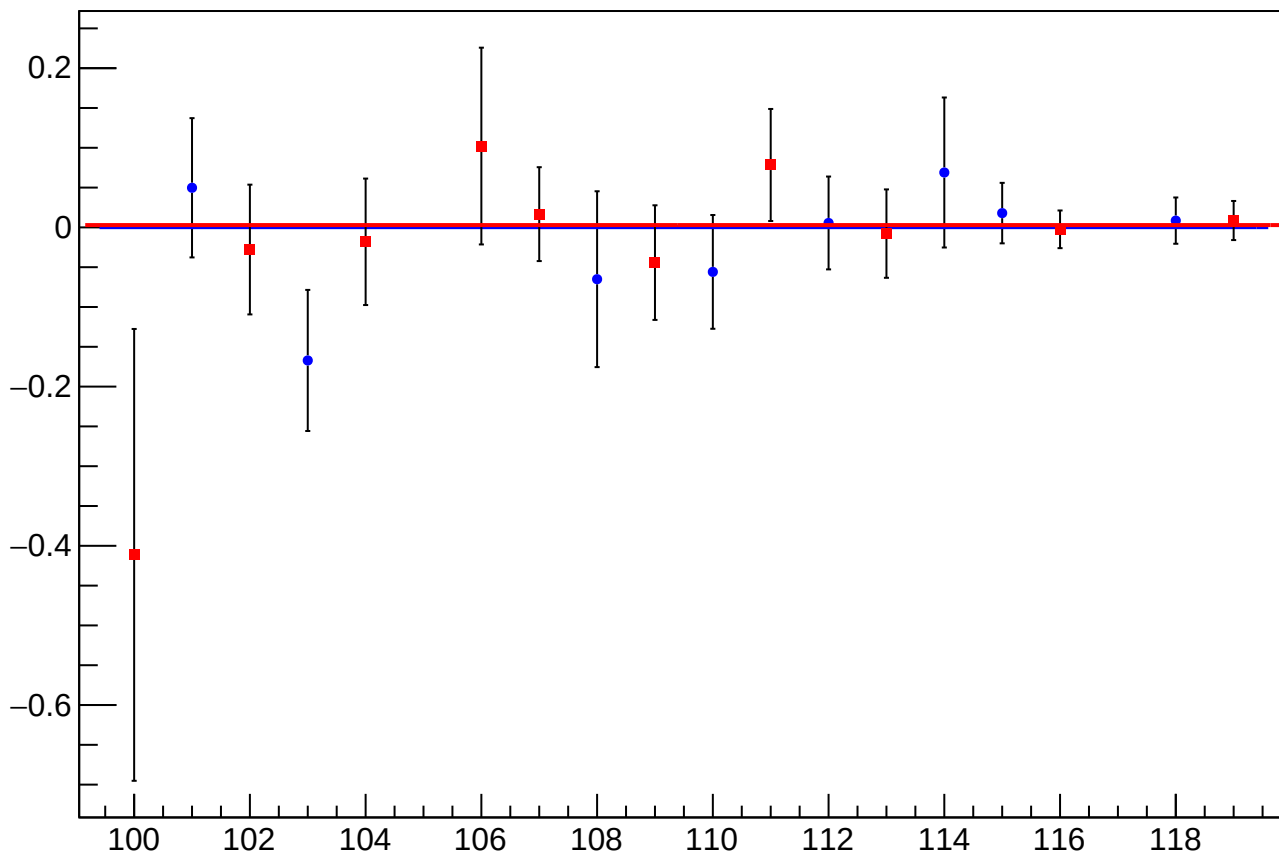
Right: 25.218 $\pm$ 0.008 χ^2 /NDF: 4237050.6/17

In: 28.491 $\pm$ 0.013 χ^2 /NDF:1768826.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.218 $\pm$ 0.008 χ^2 /NDF: 4237050.6/17

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.019 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.014 χ^2 /NDF: 4.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

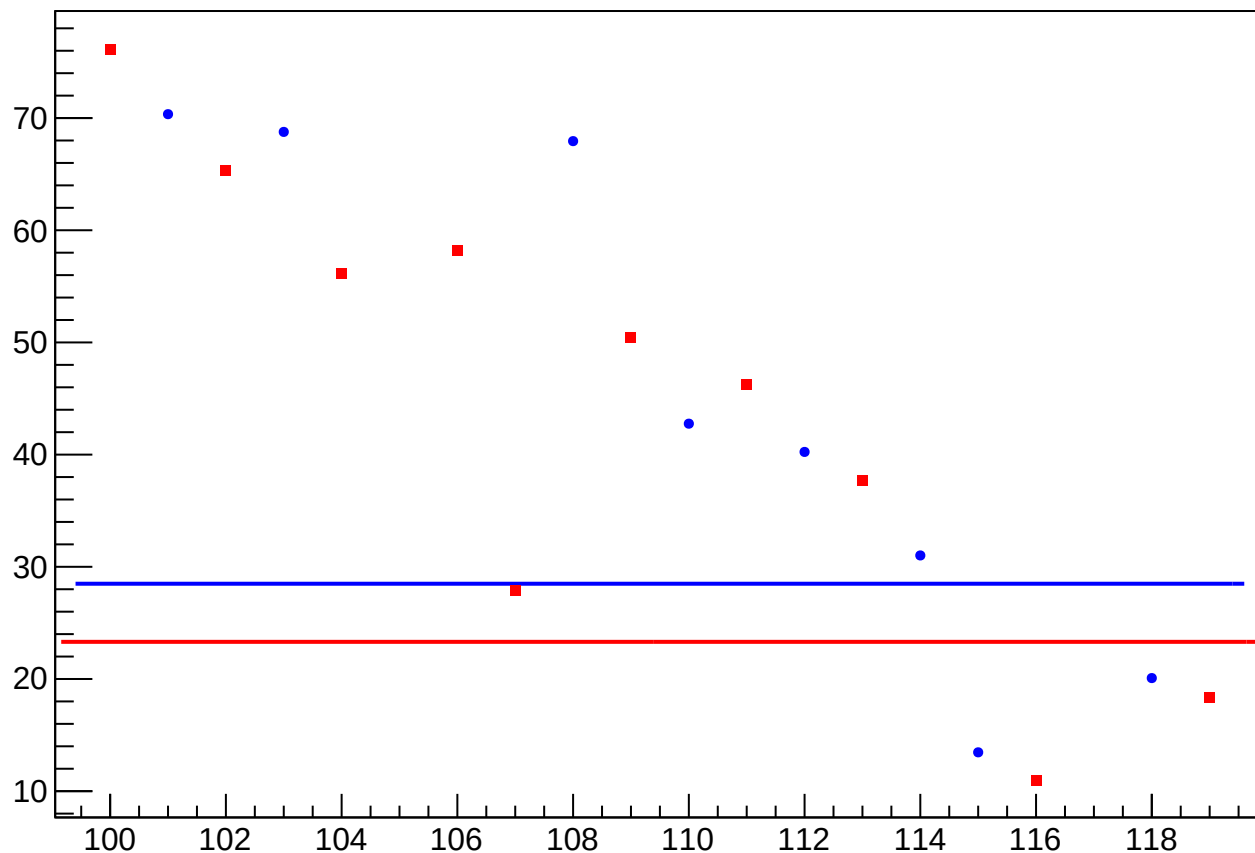
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 10.5/17

In: 0.000 $\pm$ 0.019 χ^2 /NDF:5.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.011 χ^2 /NDF: 10.5/17

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.491 $\pm$ 0.013 χ^2 /NDF: 1768826.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.312 $\pm$ 0.010 χ^2 /NDF: 2372648.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

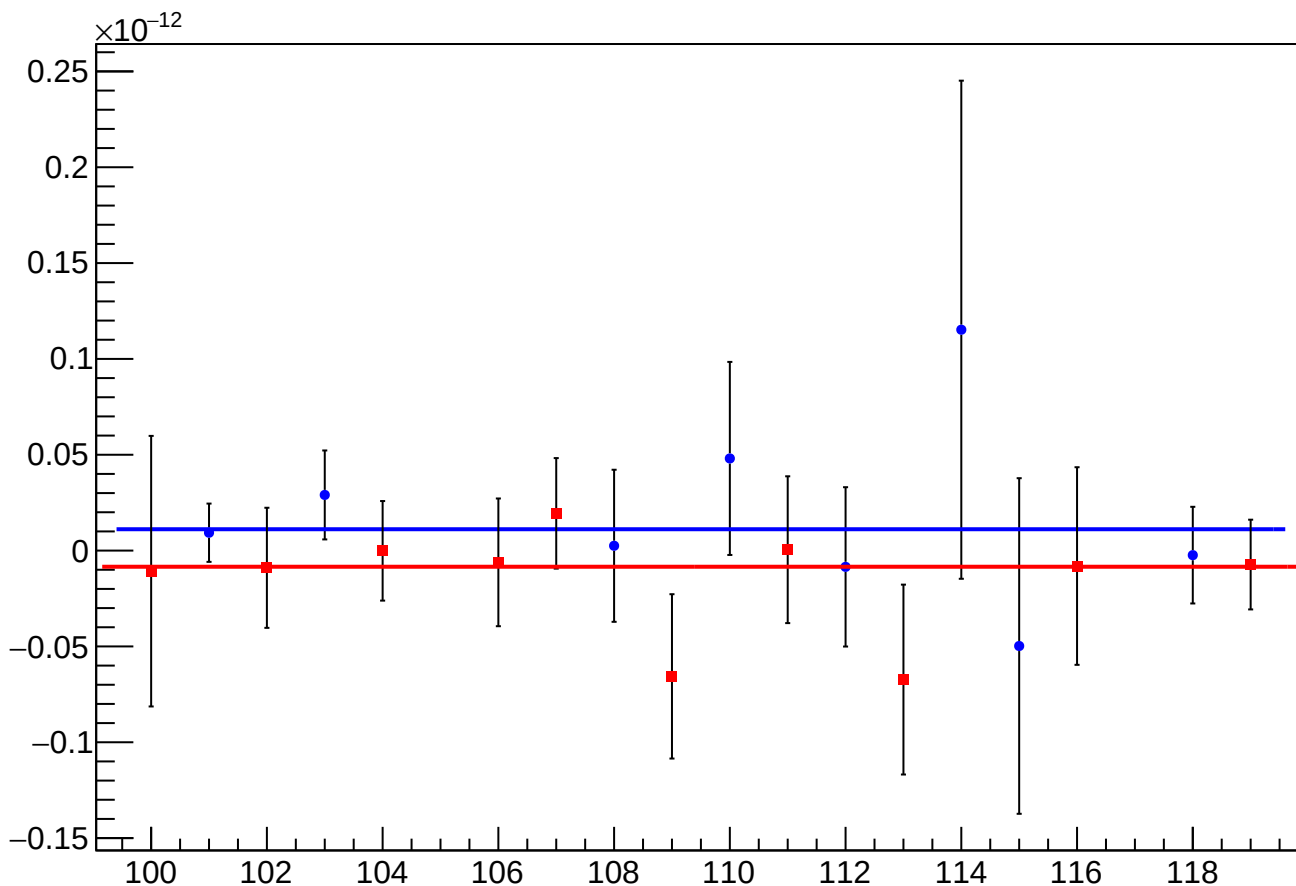
Right: 25.218 $\pm$ 0.008 χ^2 /NDF: 4237050.6/17

In: 28.491 $\pm$ 0.013 χ^2 /NDF:1768826.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.218 $\pm$ 0.008 χ^2 /NDF: 4237050.6/17

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

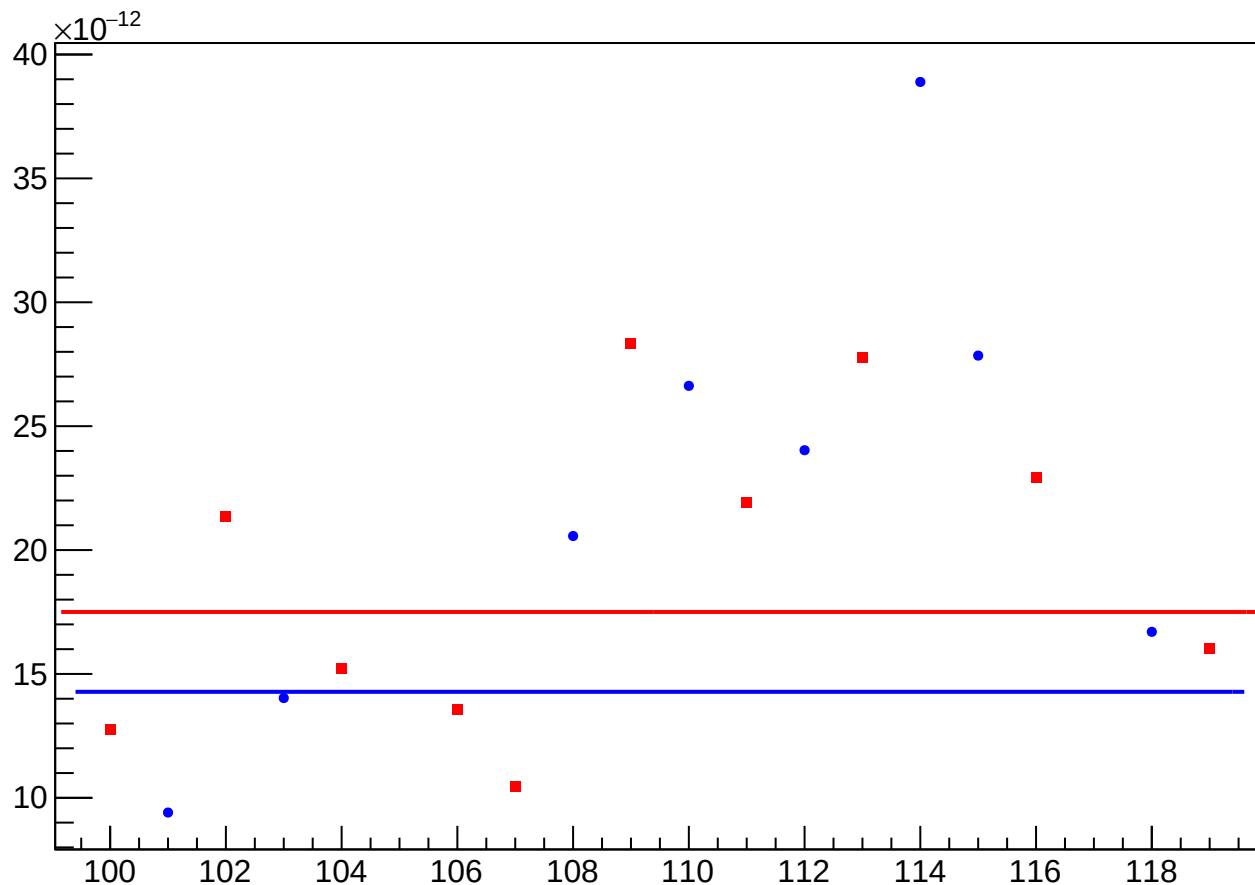
Right: 0.000+/-0.000 χ^2/NDF : 8.9/17

In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/17

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 624420.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472287.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

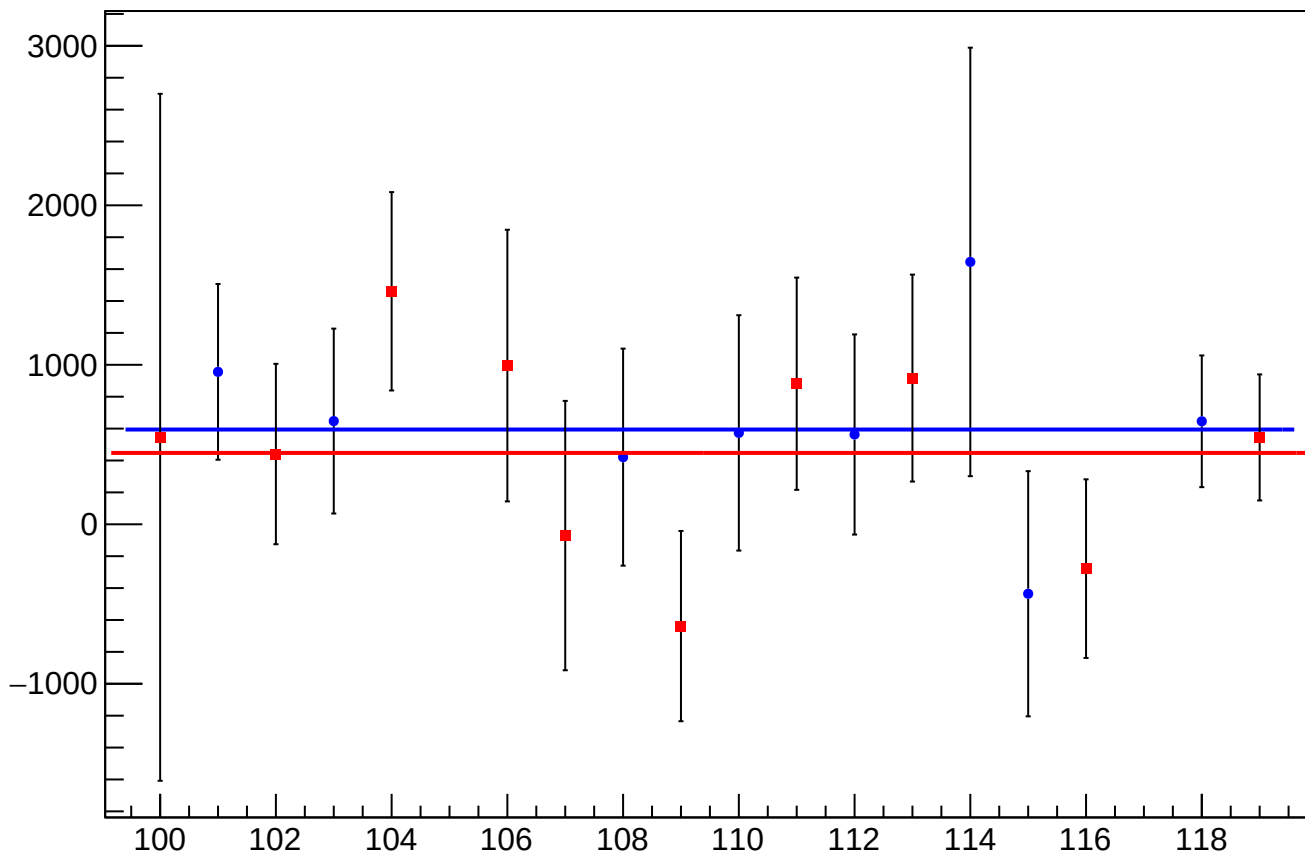
Right: 0.000+/-0.000 χ^2/NDF : 1190961.9/17

In: 0.000+/-0.000 χ^2/NDF : 624420.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1190961.9/17

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 594.141+/-218.654 χ^2/NDF : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 447.474+/-197.086 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

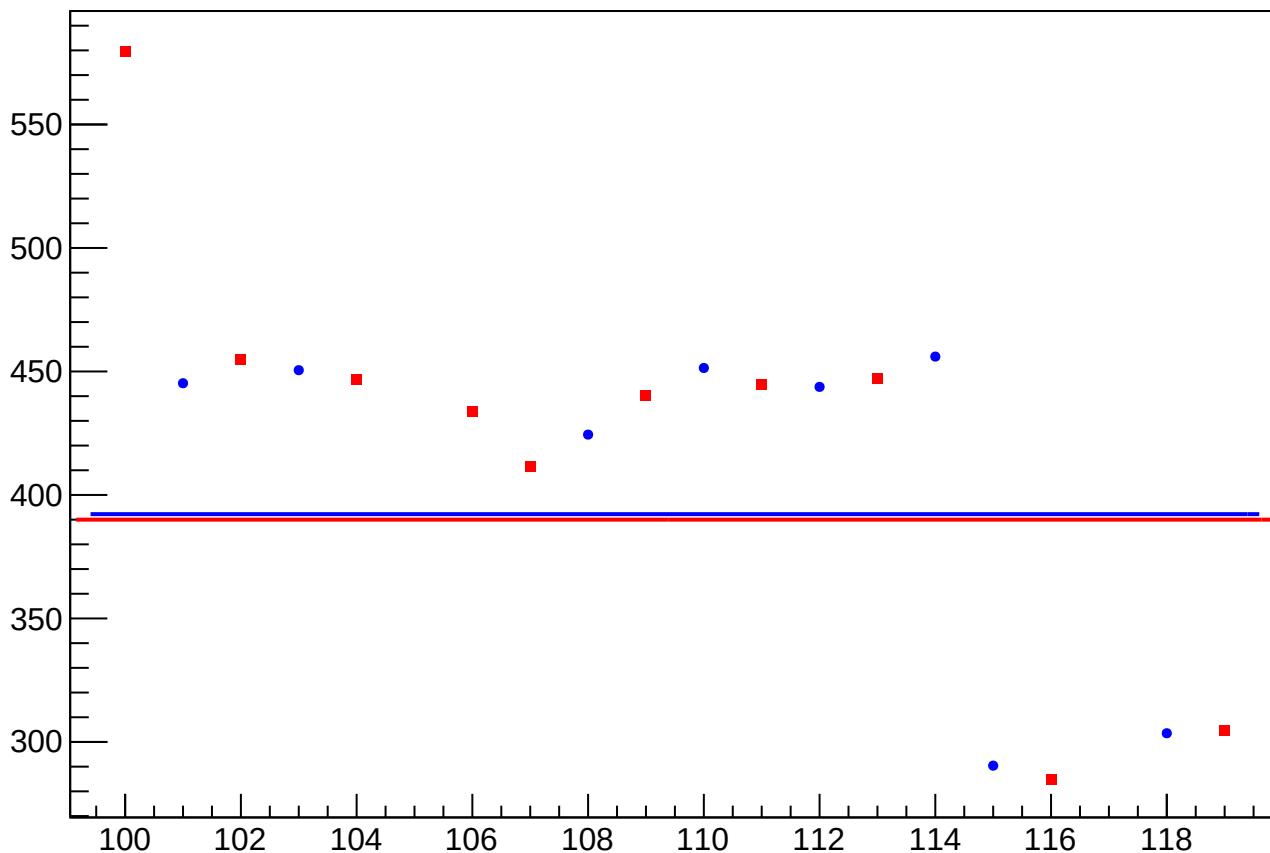
Right: 513.219+/-146.394 χ^2/NDF : 12.6/17

In: 594.141+/-218.654 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.219+/-146.394 χ^2/NDF : 12.6/17

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 392.231+/-0.155 χ^2/NDF : 201457.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 390.007+/-0.139 χ^2/NDF : 272192.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

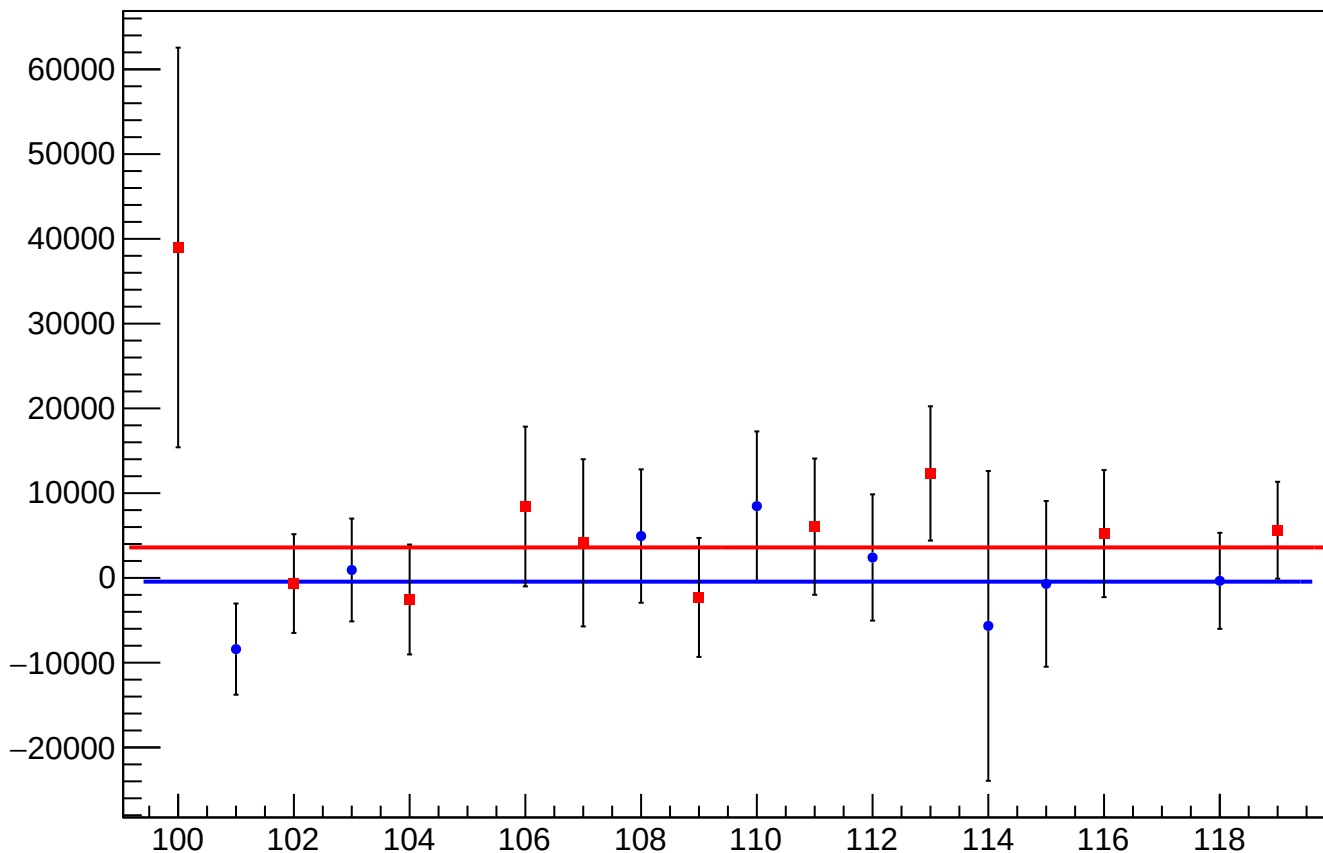
Right: 391.004+/-0.104 χ^2/NDF : 473763.4/17

In: 392.231+/-0.155 χ^2/NDF : 201457.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.004+/-0.104 χ^2/NDF : 473763.4/17

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -441.570+/-2553.420 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3596.806+/-2378.689 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

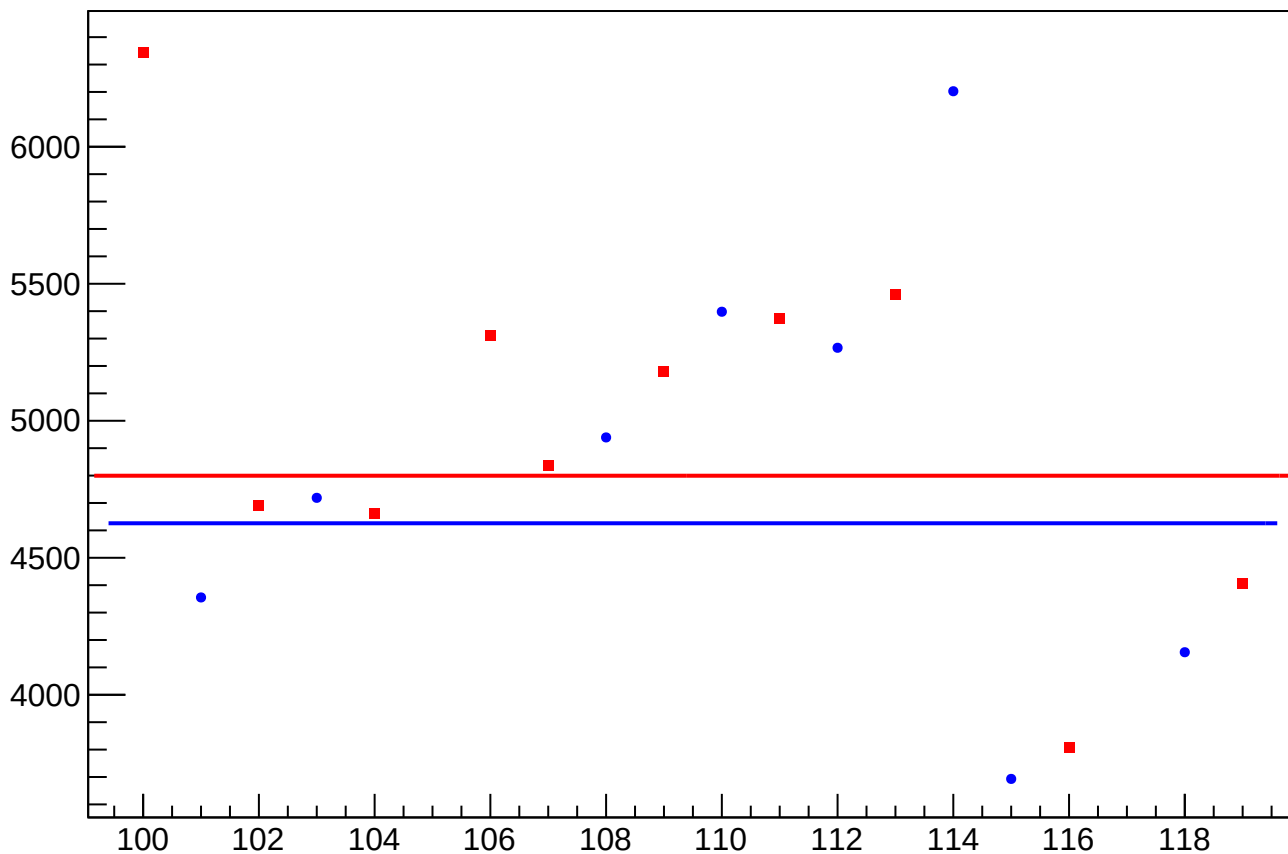
Right: 1720.507+/-1740.483 χ^2/NDF : 11.4/17

In: -441.570+/-2553.420 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1720.507+/-1740.483 χ^2/NDF : 11.4/17

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 4625.941+/-1.806 χ^2/NDF : 85724.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4799.474+/-1.682 χ^2/NDF : 90438.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

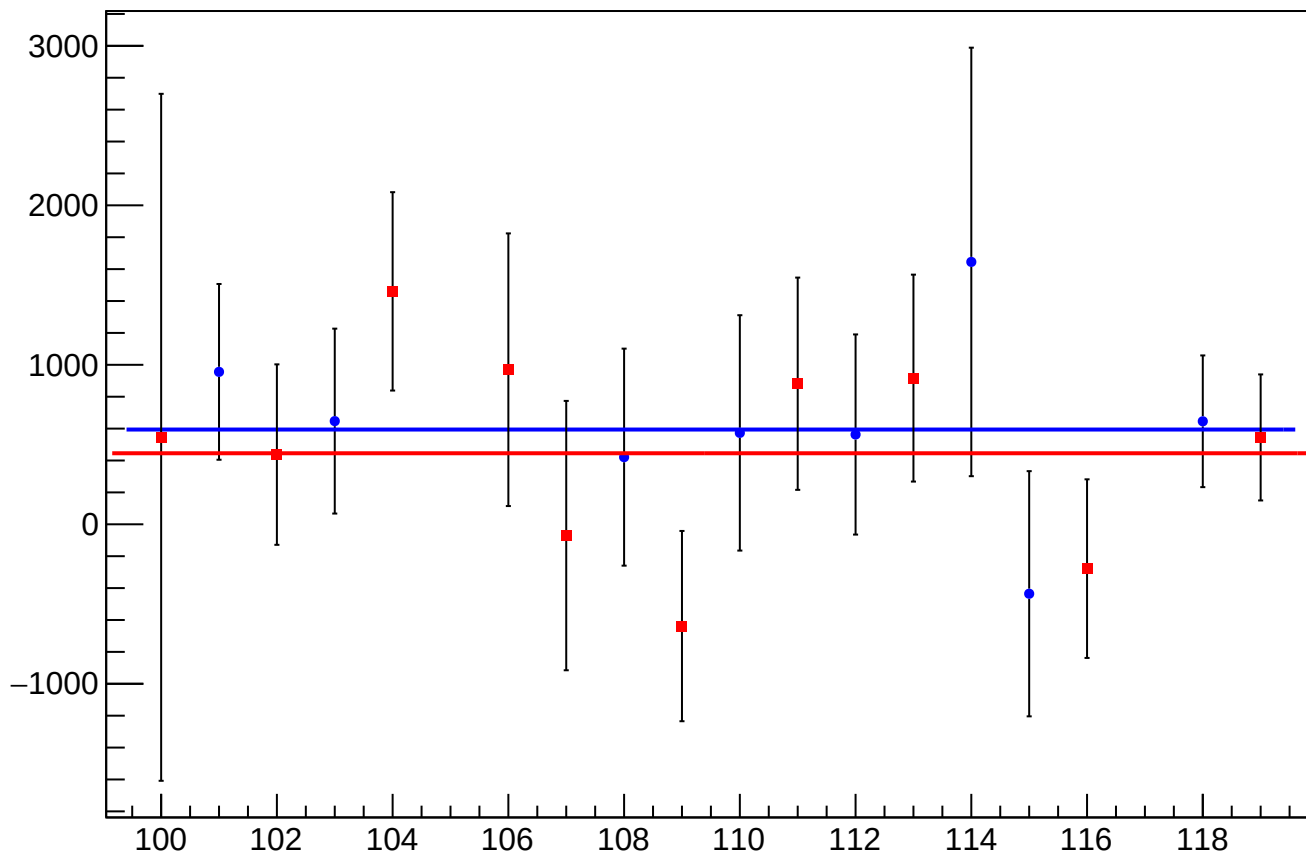
Right: 4718.848+/-1.231 χ^2/NDF : 181108.8/17

In: 4625.941+/-1.806 χ^2/NDF : 85724.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4718.848+/-1.231 χ^2/NDF : 181108.8/17

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 594.161+/-218.654 χ^2/NDF : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.434+/-197.135 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

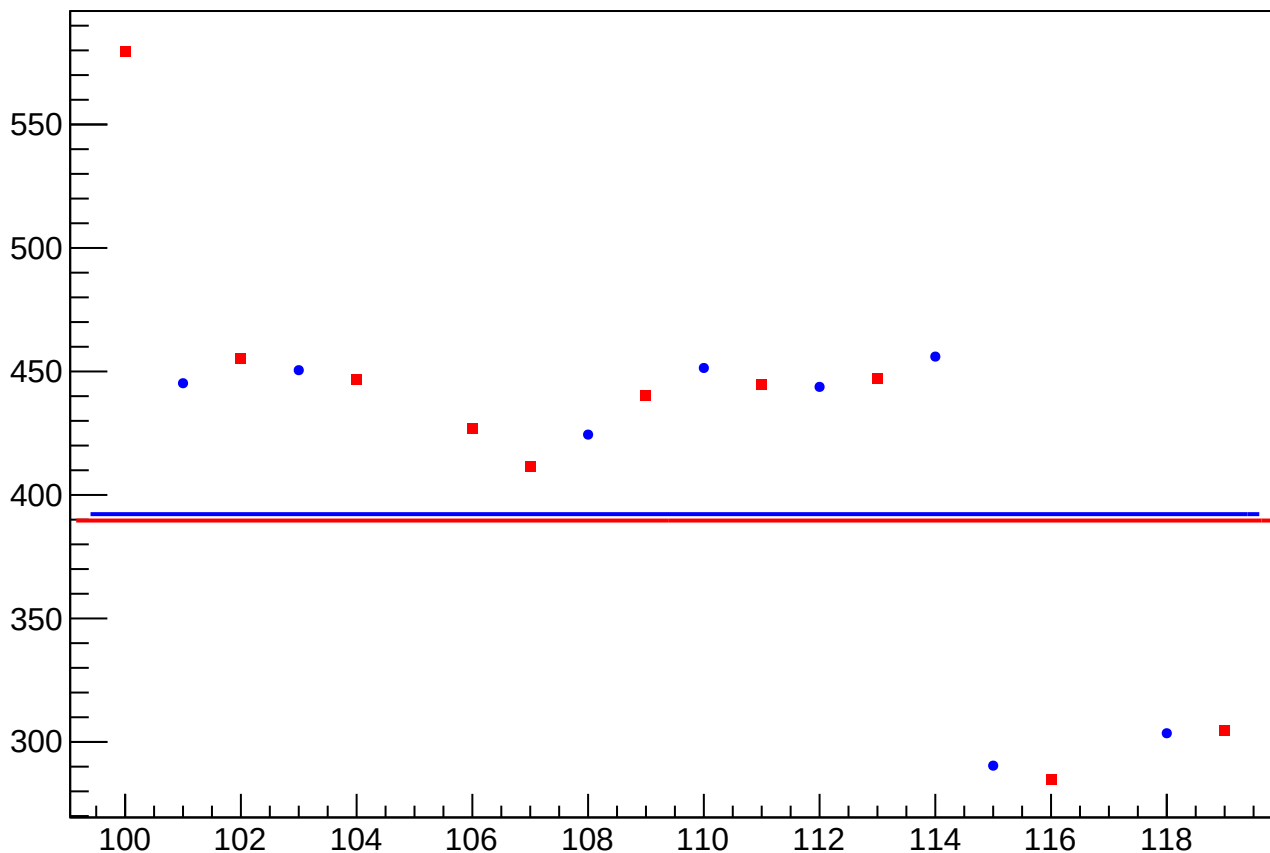
Right: 512.121+/-146.414 χ^2/NDF : 12.6/17

In: 594.161+/-218.654 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.121+/-146.414 χ^2/NDF : 12.6/17

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 392.231+/-0.155 χ^2/NDF : 201457.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.644+/-0.139 χ^2/NDF : 270774.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

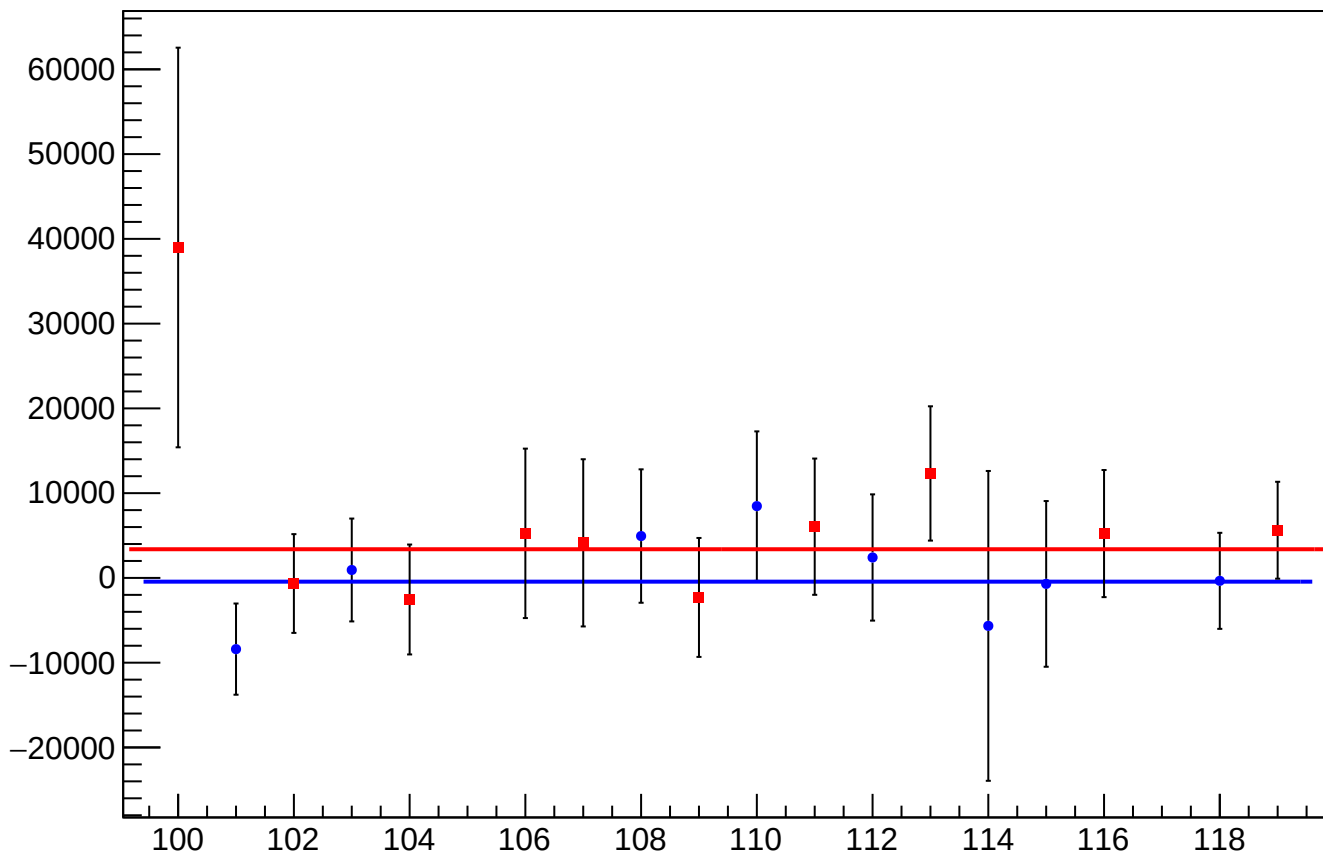
Right: 390.804+/-0.104 χ^2/NDF : 472386.7/17

In: 392.231+/-0.155 χ^2/NDF : 201457.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.804+/-0.104 χ^2/NDF : 472386.7/17

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -441.235+/-2553.438 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3383.522+/-2387.394 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

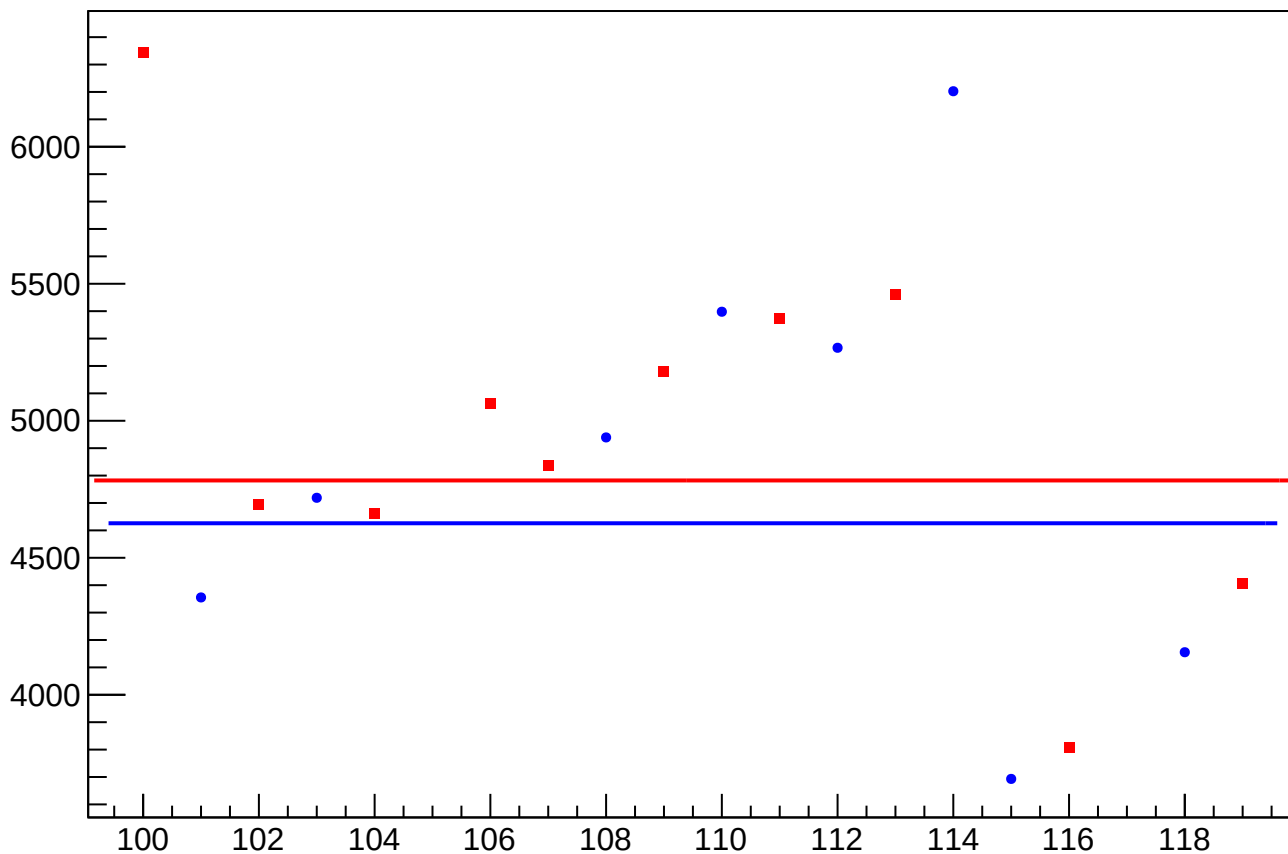
Right: 1599.535+/-1743.891 χ^2/NDF : 11.0/17

In: -441.235+/-2553.438 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1599.535+/-1743.891 χ^2/NDF : 11.0/17

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 4625.971+/-1.806 χ^2/NDF : 85726.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4782.217+/-1.688 χ^2/NDF : 85830.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

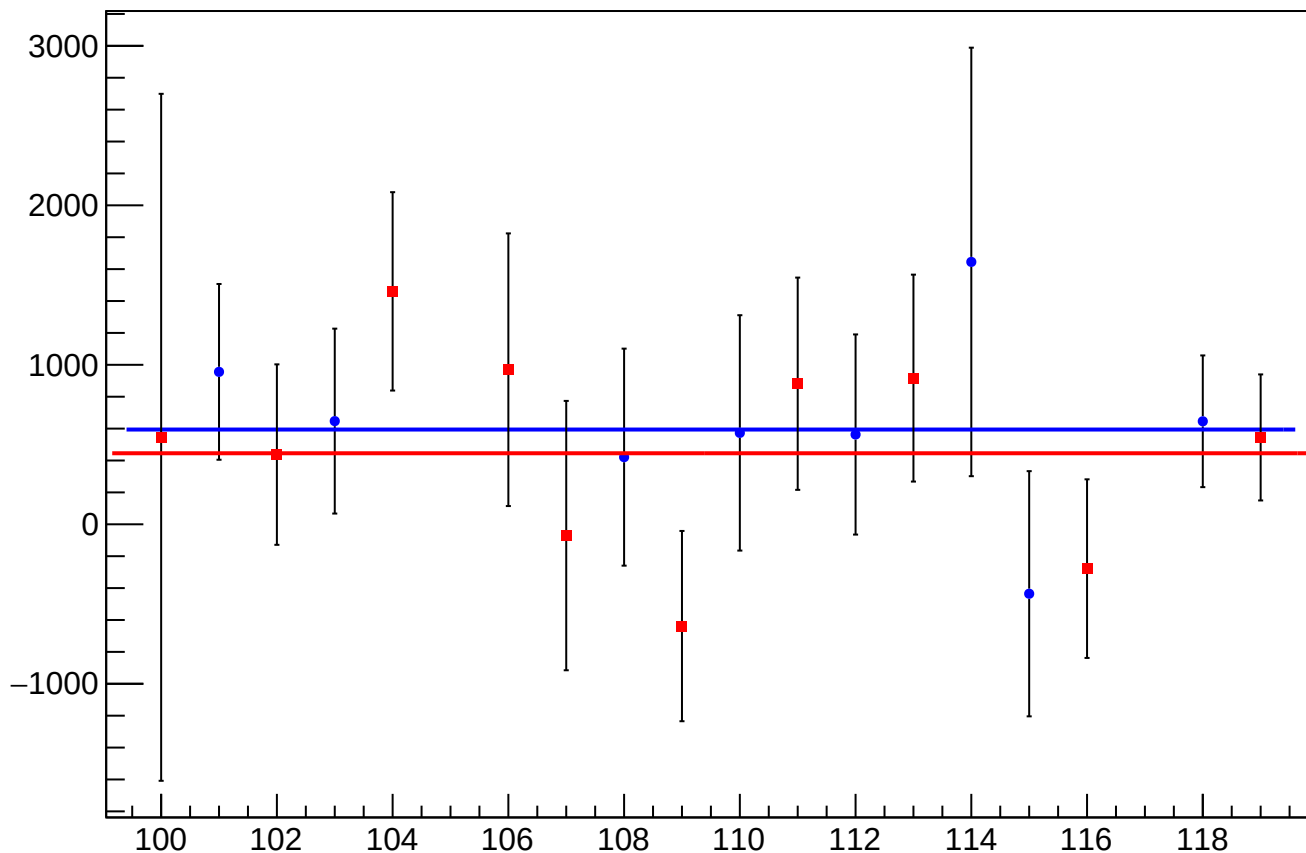
Right: 4709.339+/-1.233 χ^2/NDF : 175552.2/17

In: 4625.971+/-1.806 χ^2/NDF : 85726.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4709.339+/-1.233 χ^2/NDF : 175552.2/17

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 594.161+/-218.654 χ^2/NDF : 2.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.434+/-197.135 χ^2/NDF : 9.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

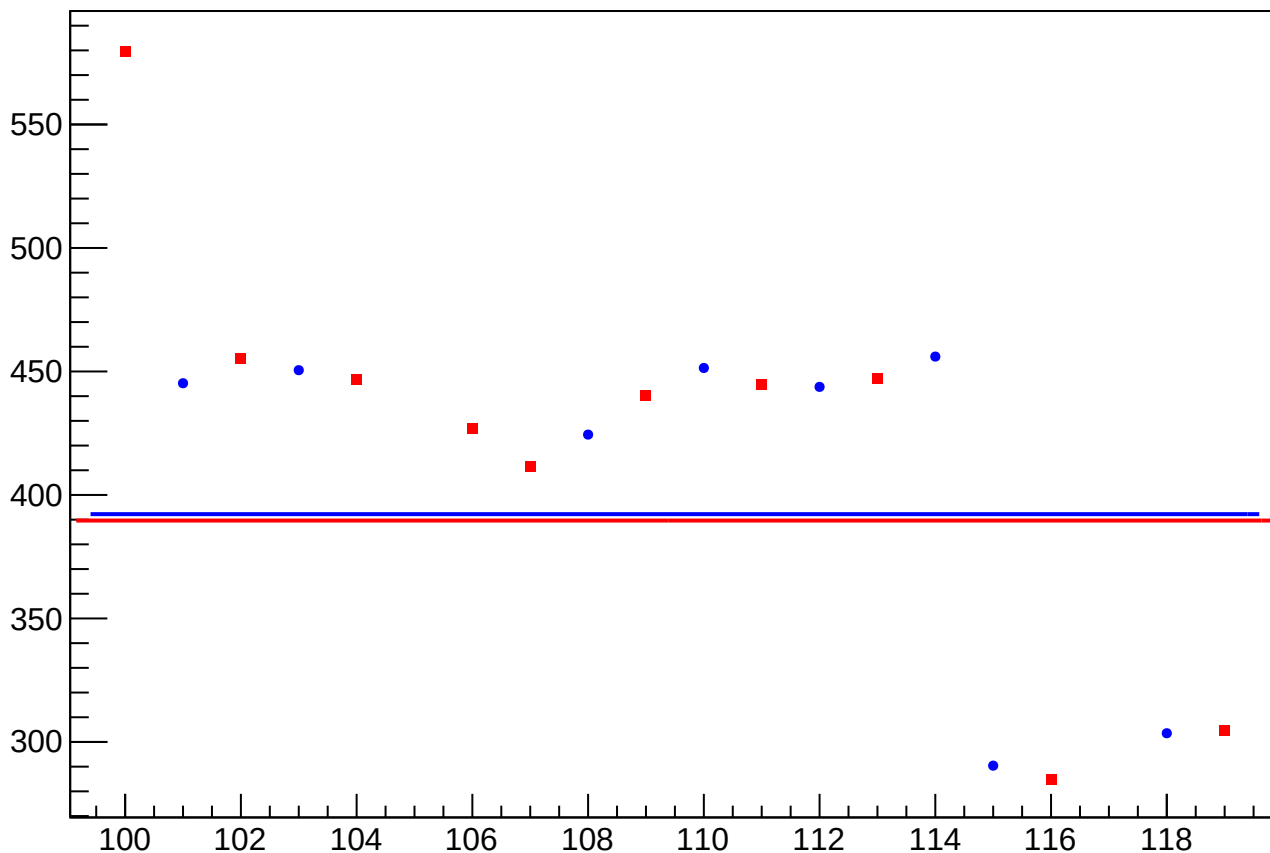
Right: 512.121+/-146.414 χ^2/NDF : 12.6/17

In: 594.161+/-218.654 χ^2/NDF : 2.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 512.121+/-146.414 χ^2/NDF : 12.6/17

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 392.231+/-0.155 χ^2/NDF : 201457.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 389.644+/-0.139 χ^2/NDF : 270774.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

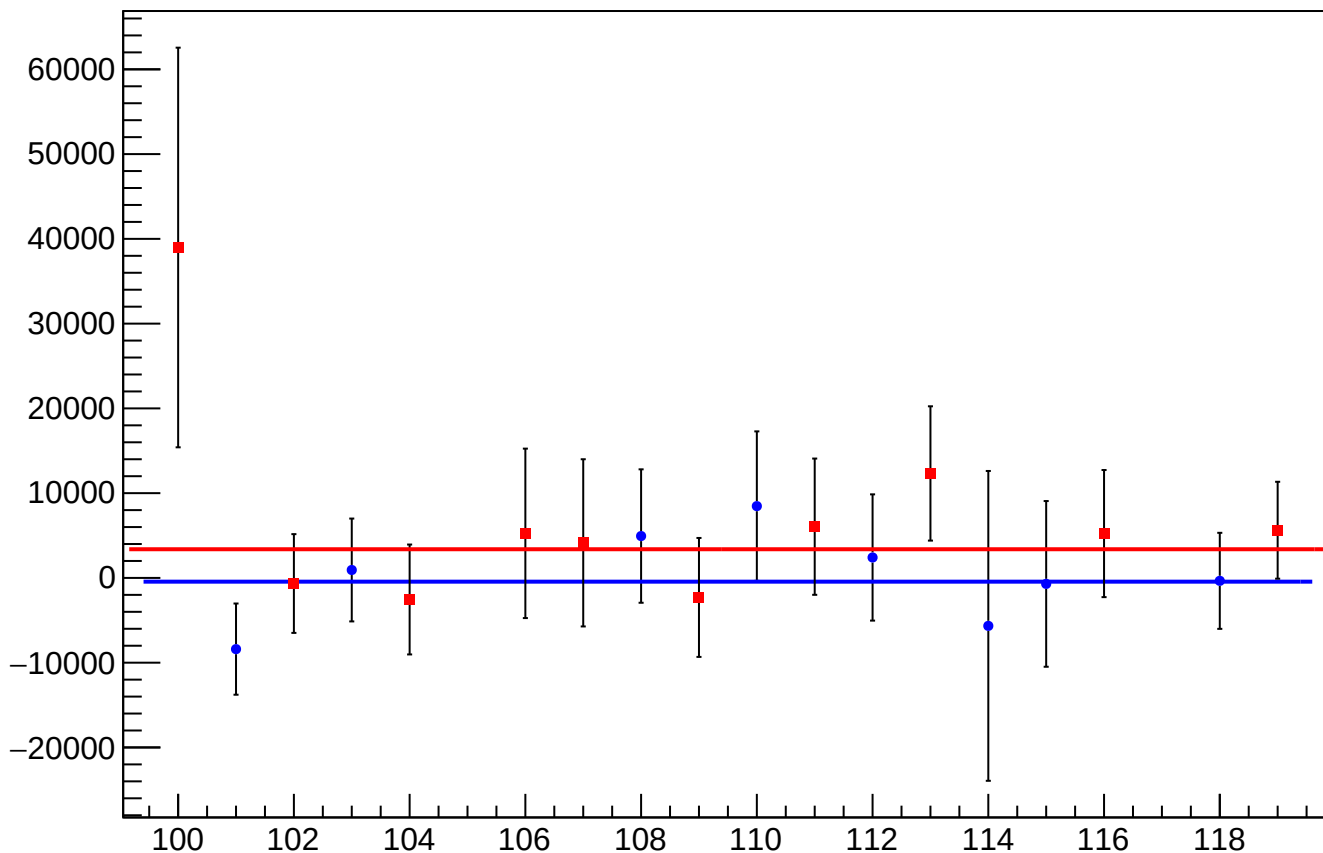
Right: 390.804+/-0.104 χ^2/NDF : 472386.7/17

In: 392.231+/-0.155 χ^2/NDF : 201457.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.804+/-0.104 χ^2/NDF : 472386.7/17

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -441.235+/-2553.438 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3383.522+/-2387.394 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

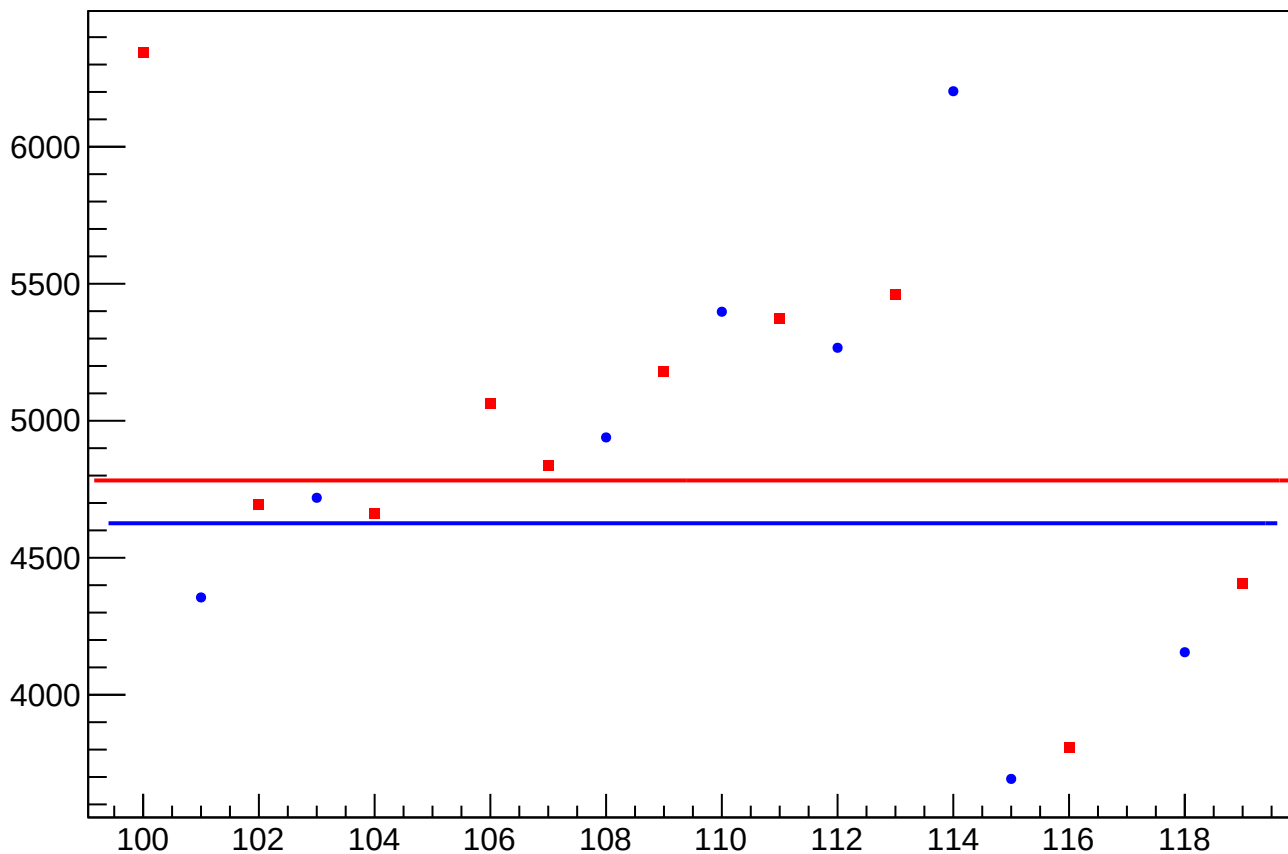
Right: 1599.535+/-1743.891 χ^2/NDF : 11.0/17

In: -441.235+/-2553.438 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1599.535+/-1743.891 χ^2/NDF : 11.0/17

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4625.971+/-1.806 χ^2/NDF : 85726.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4782.217+/-1.688 χ^2/NDF : 85830.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

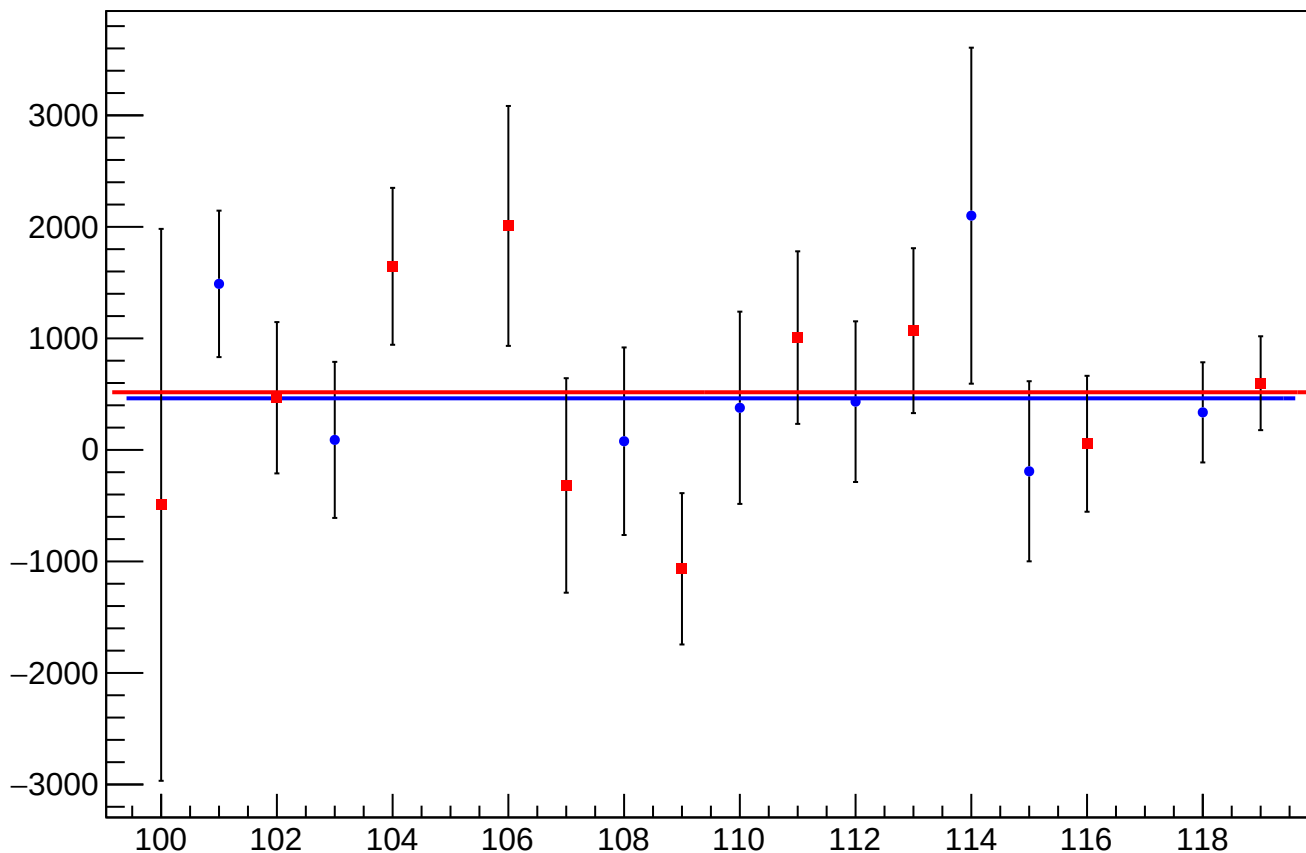
Right: 4709.339+/-1.233 χ^2/NDF : 175552.2/17

In: 4625.971+/-1.806 χ^2/NDF : 85726.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4709.339+/-1.233 χ^2/NDF : 175552.2/17

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 462.430+/-250.142 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 517.009+/-221.876 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

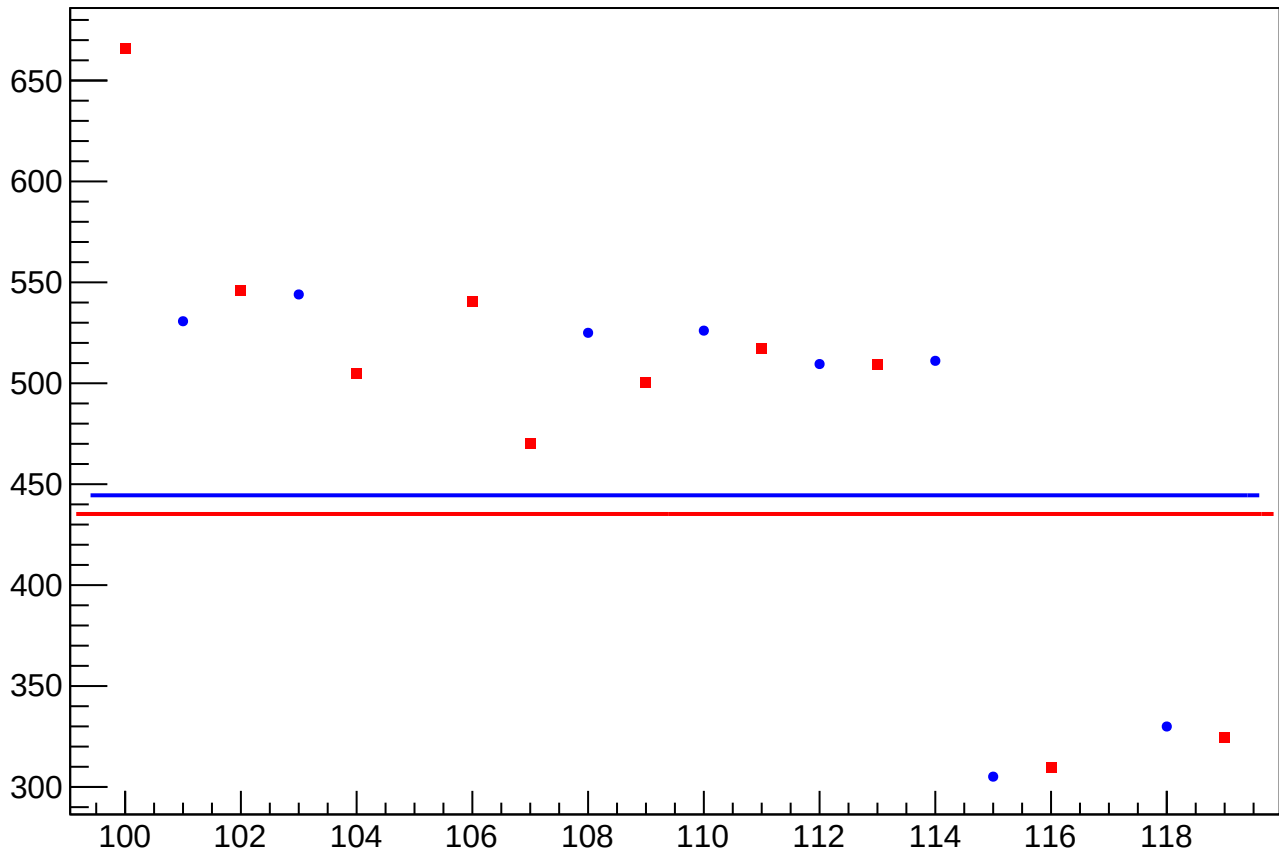
Right: 492.976+/-165.988 χ^2/NDF : 17.3/17

In: 462.430+/-250.142 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.976+/-165.988 χ^2/NDF : 17.3/17

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 444.492+/-0.177 χ^2/NDF : 321110.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 435.244+/-0.157 χ^2/NDF : 396146.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

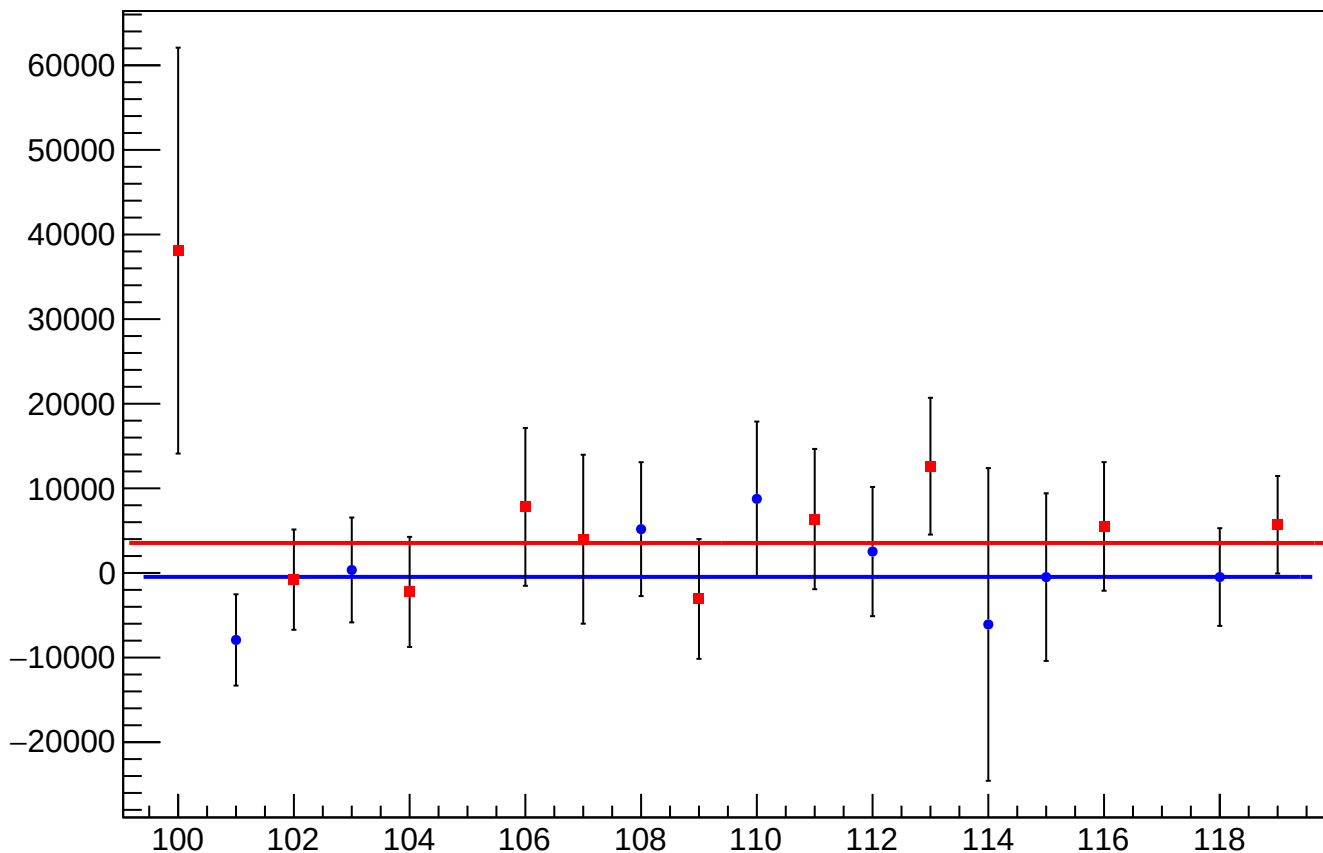
Right: 439.316+/-0.117 χ^2/NDF : 718786.7/17

In: 444.492+/-0.177 χ^2/NDF : 321110.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.316+/-0.117 χ^2/NDF : 718786.7/17

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -464.129+/-2593.838 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.336+/-2407.214 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

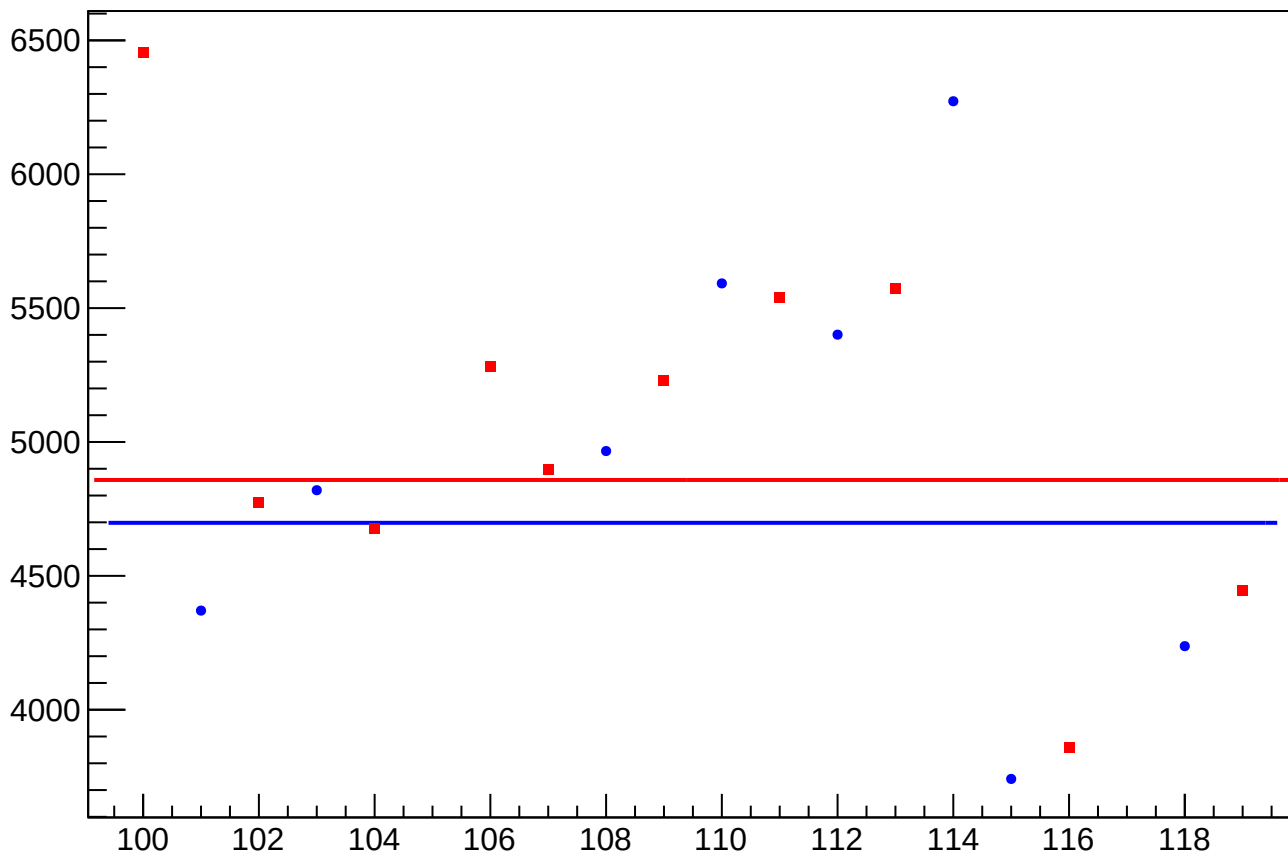
Right: 1690.016+/-1764.449 χ^2/NDF : 11.0/17

In: -464.129+/-2593.838 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.016+/-1764.449 χ^2/NDF : 11.0/17

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 4698.104+/-1.834 χ^2/NDF : 92461.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4858.154+/-1.702 χ^2/NDF : 94374.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

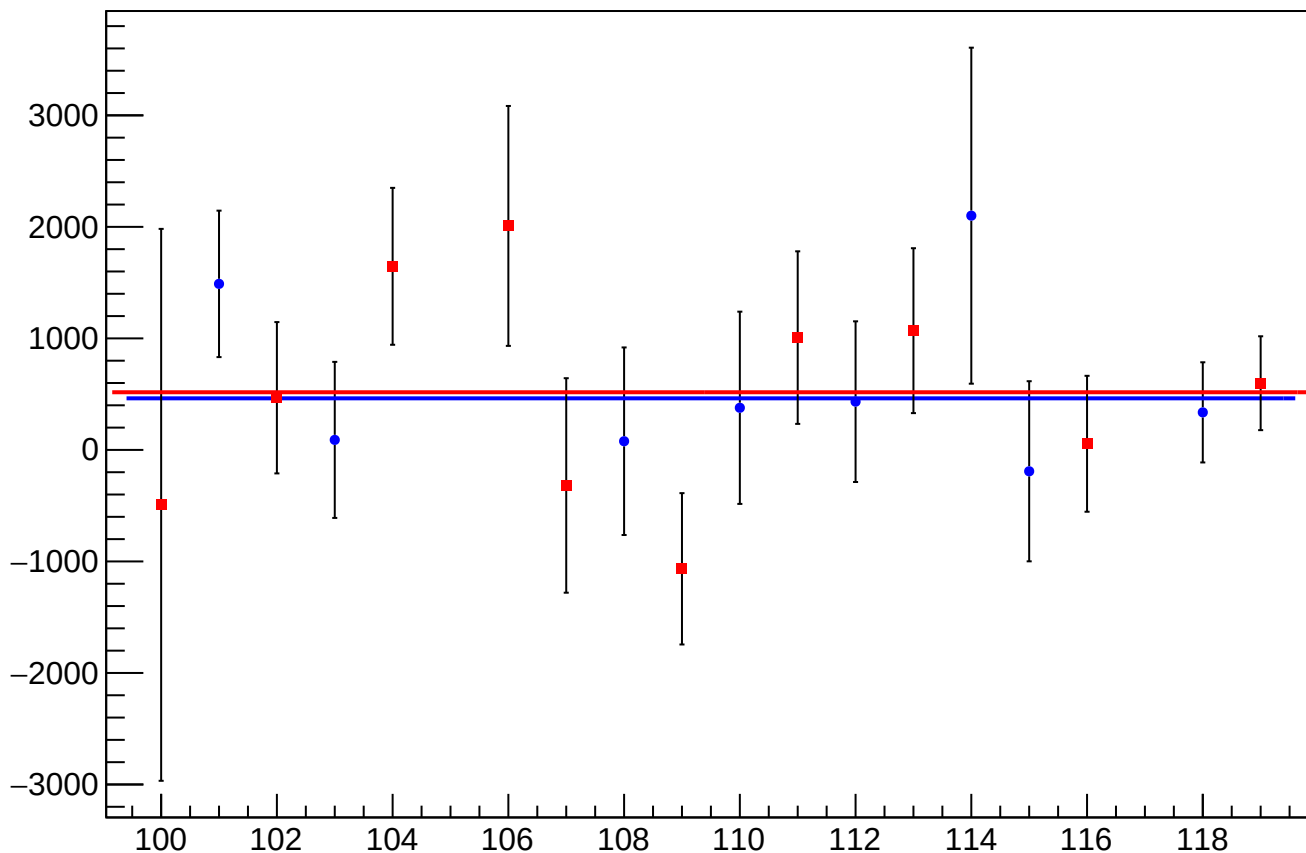
Right: 4784.093+/-1.248 χ^2/NDF : 190927.7/17

In: 4698.104+/-1.834 χ^2/NDF : 92461.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4784.093+/-1.248 χ^2/NDF : 190927.7/17

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 462.426+/-250.141 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 516.999+/-221.875 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

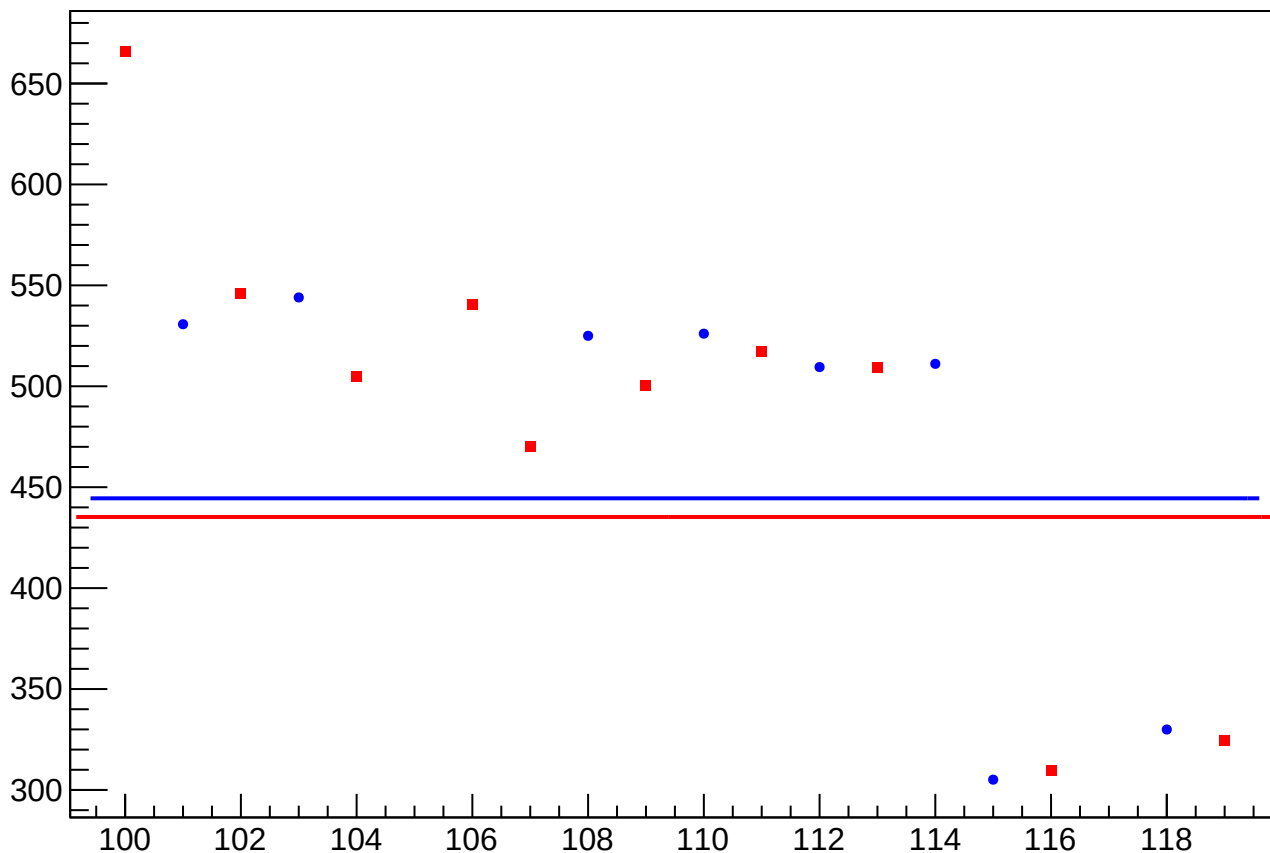
Right: 492.969+/-165.987 χ^2/NDF : 17.3/17

In: 462.426+/-250.141 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 492.969+/-165.987 χ^2/NDF : 17.3/17

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 444.489+/-0.177 χ^2/NDF : 321105.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 435.243+/-0.157 χ^2/NDF : 396133.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

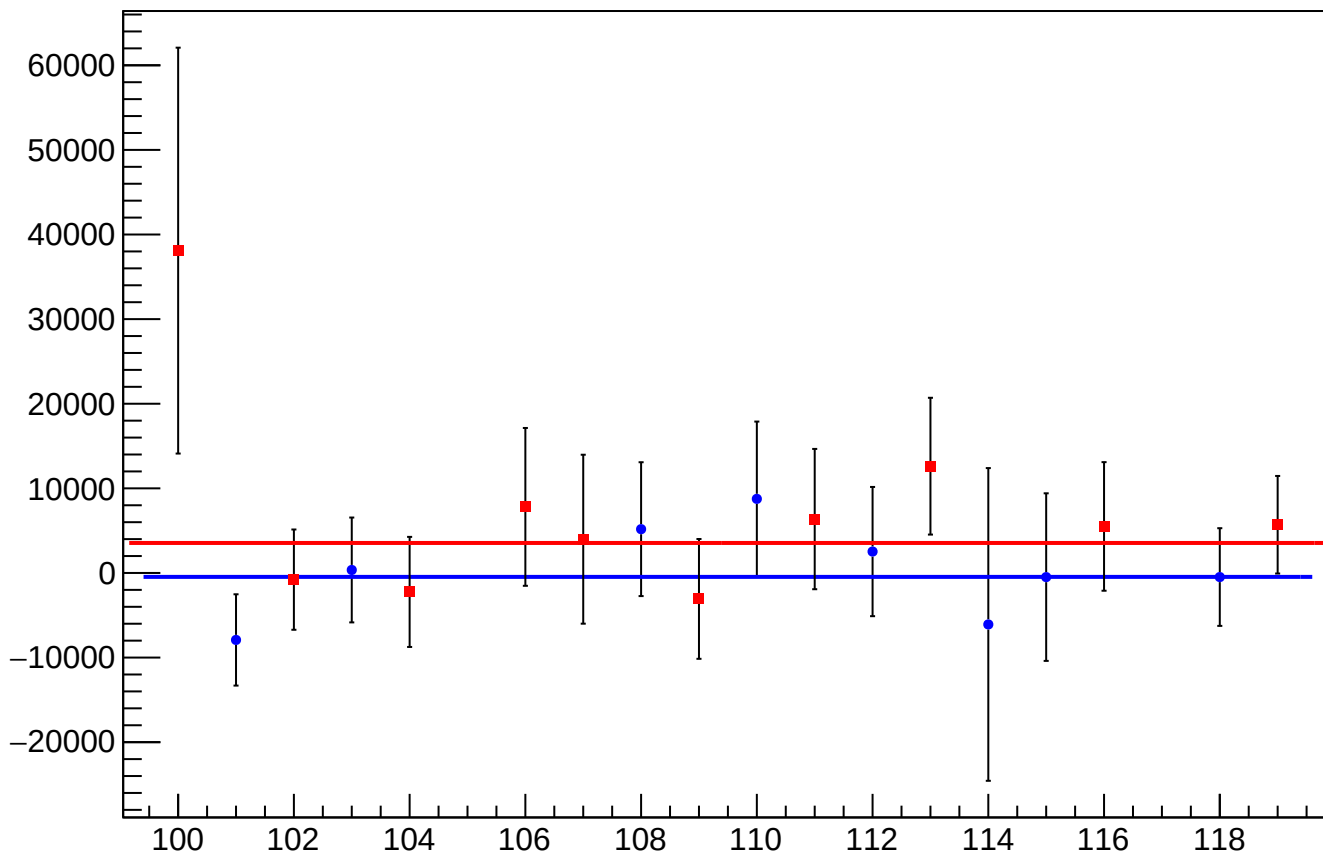
Right: 439.314+/-0.117 χ^2/NDF : 718768.1/17

In: 444.489+/-0.177 χ^2/NDF : 321105.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.314+/-0.117 χ^2/NDF : 718768.1/17

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -464.126+/-2593.831 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3545.330+/-2407.208 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

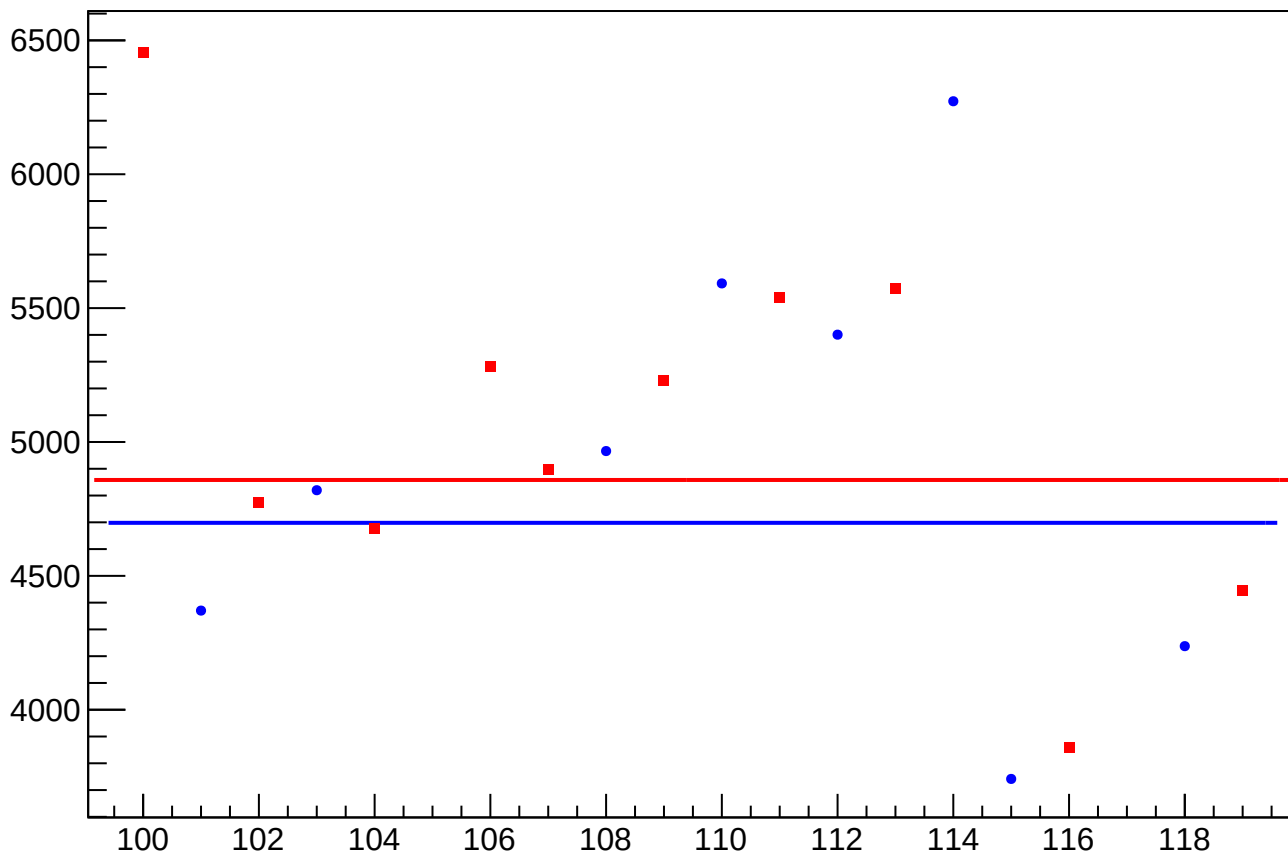
Right: 1690.014+/-1764.444 χ^2/NDF : 11.0/17

In: -464.126+/-2593.831 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1690.014+/-1764.444 χ^2/NDF : 11.0/17

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4698.093+/-1.834 χ^2/NDF : 92458.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4858.142+/-1.702 χ^2/NDF : 94372.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

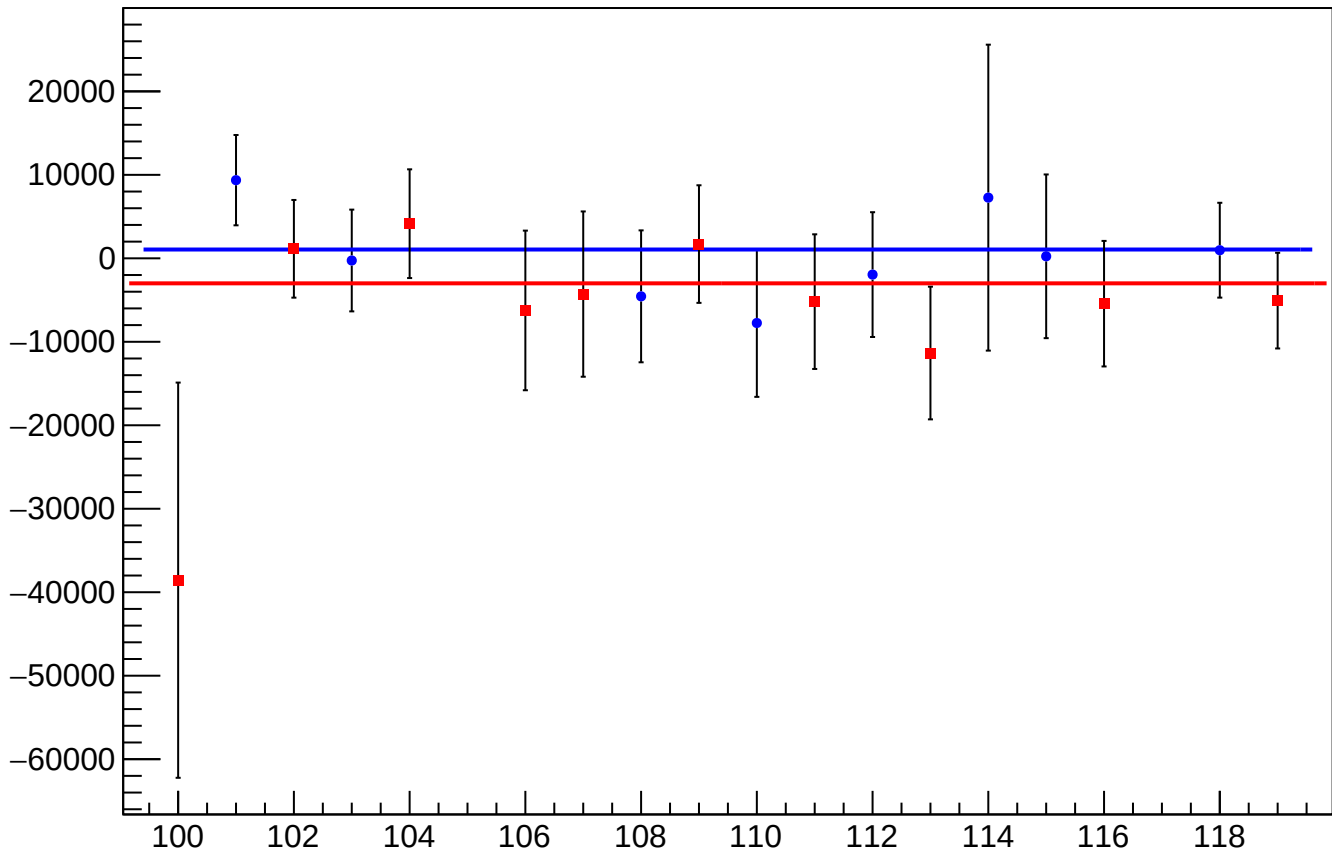
Right: 4784.081+/-1.248 χ^2/NDF : 190922.9/17

In: 4698.093+/-1.834 χ^2/NDF : 92458.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4784.081+/-1.248 χ^2/NDF : 190922.9/17

asym_sam2_mean vs Slug, Sign Corrected



Right In: 1054.926+/-2563.677 χ^2 /NDF: 4.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2996.797+/-2389.082 χ^2 /NDF: 6.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

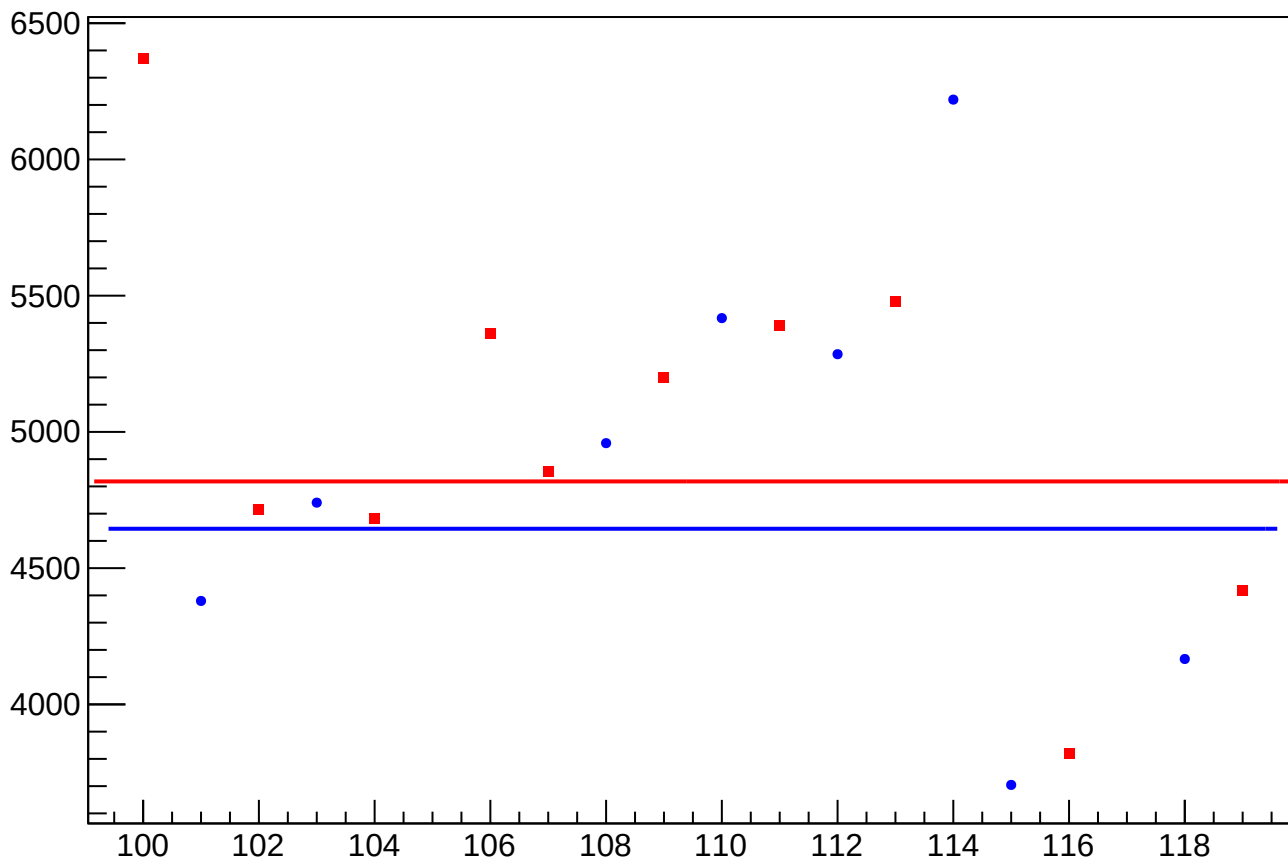
Right: -1113.590+/-1747.803 χ^2 /NDF: 11.5/17

In: 1054.926+/-2563.677 χ^2 /NDF:4.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1113.590+/-1747.803 χ^2 /NDF: 11.5/17

asym_sam2_rms vs Slug, Sign Corrected



Right In: 4644.594+/-1.813 χ^2/NDF : 85722.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4818.298+/-1.689 χ^2/NDF : 91453.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

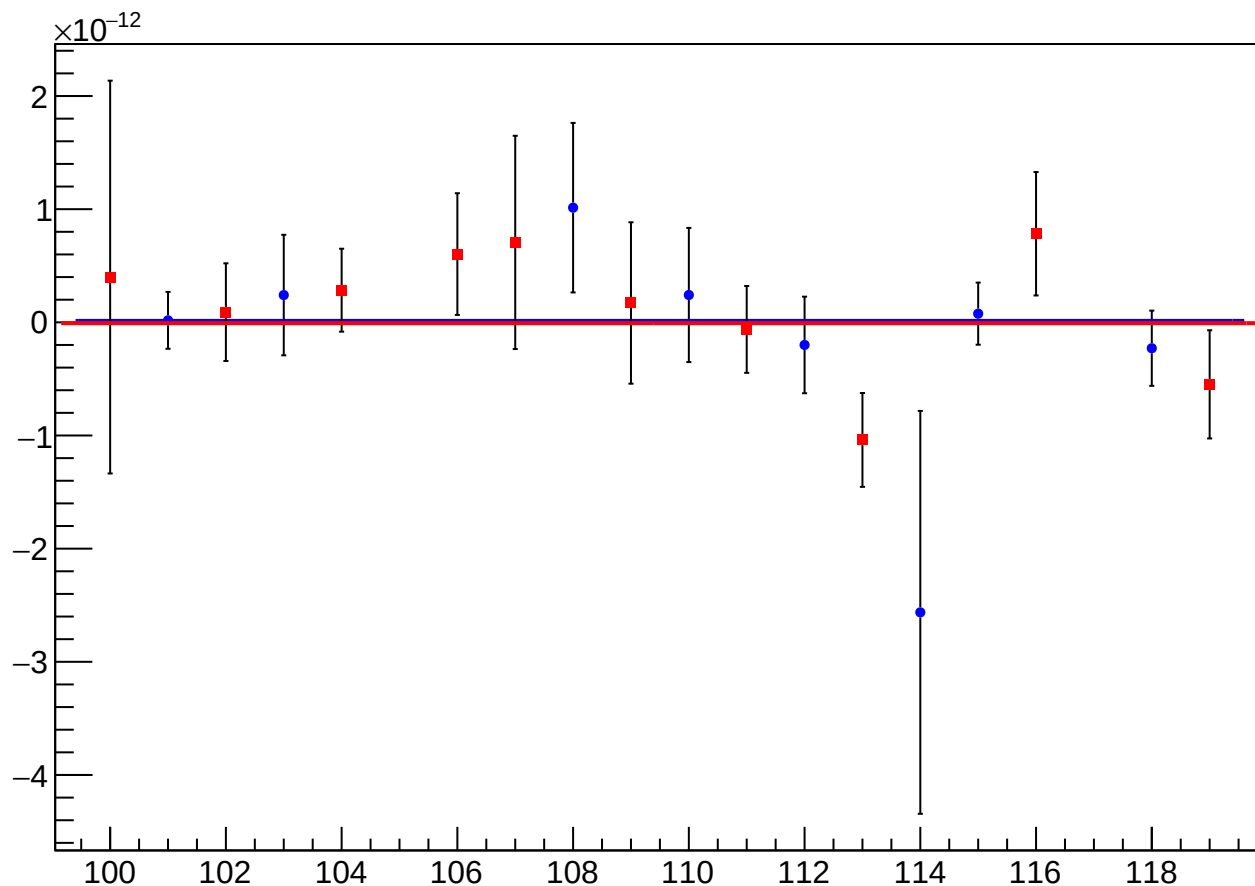
Right: 4737.561+/-1.236 χ^2/NDF : 182090.5/17

In: 4644.594+/-1.813 χ^2/NDF : 85722.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4737.561+/-1.236 χ^2/NDF : 182090.5/17

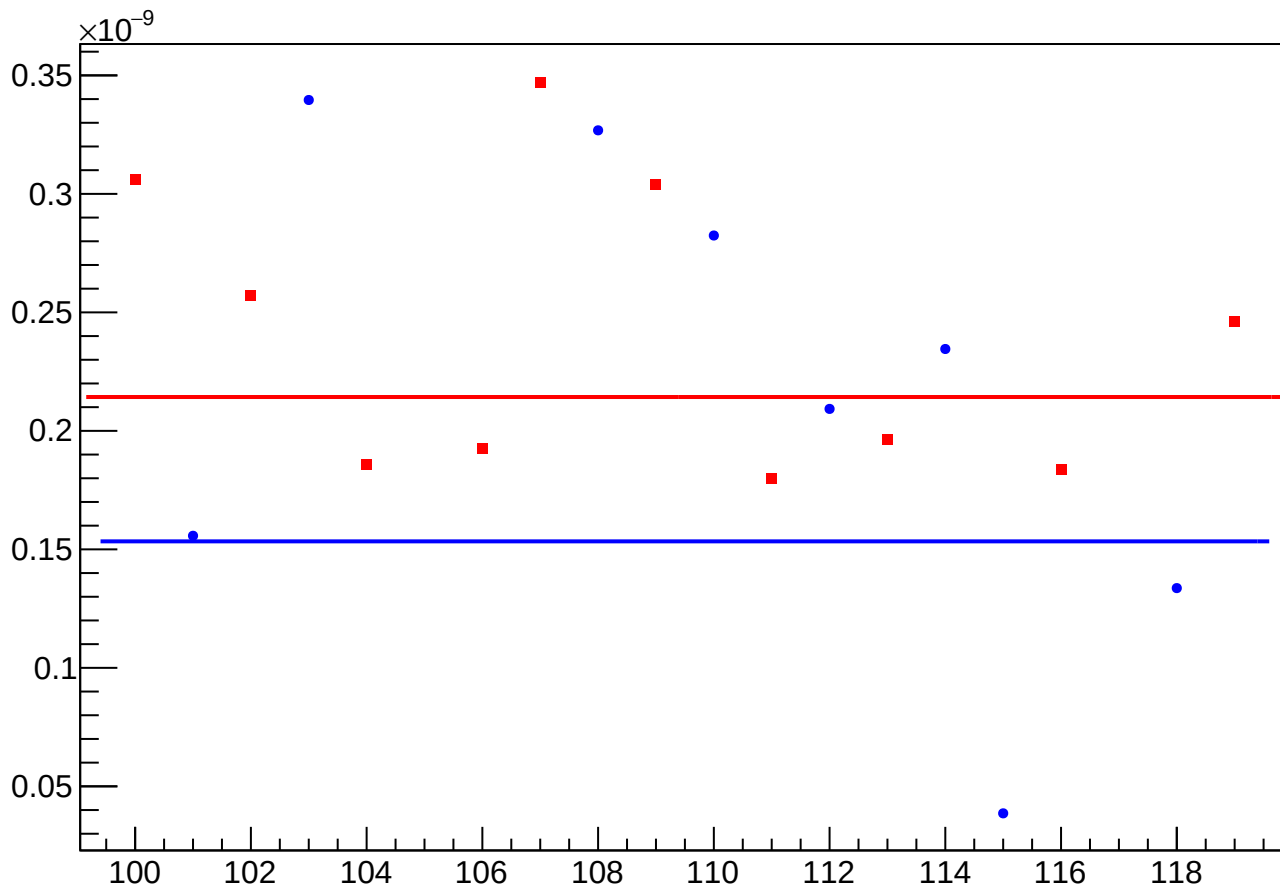
asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 17.3/17
 In: 0.000+/-0.000 χ^2/NDF : 5.0/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 17.3/17

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 842201.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 146866.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

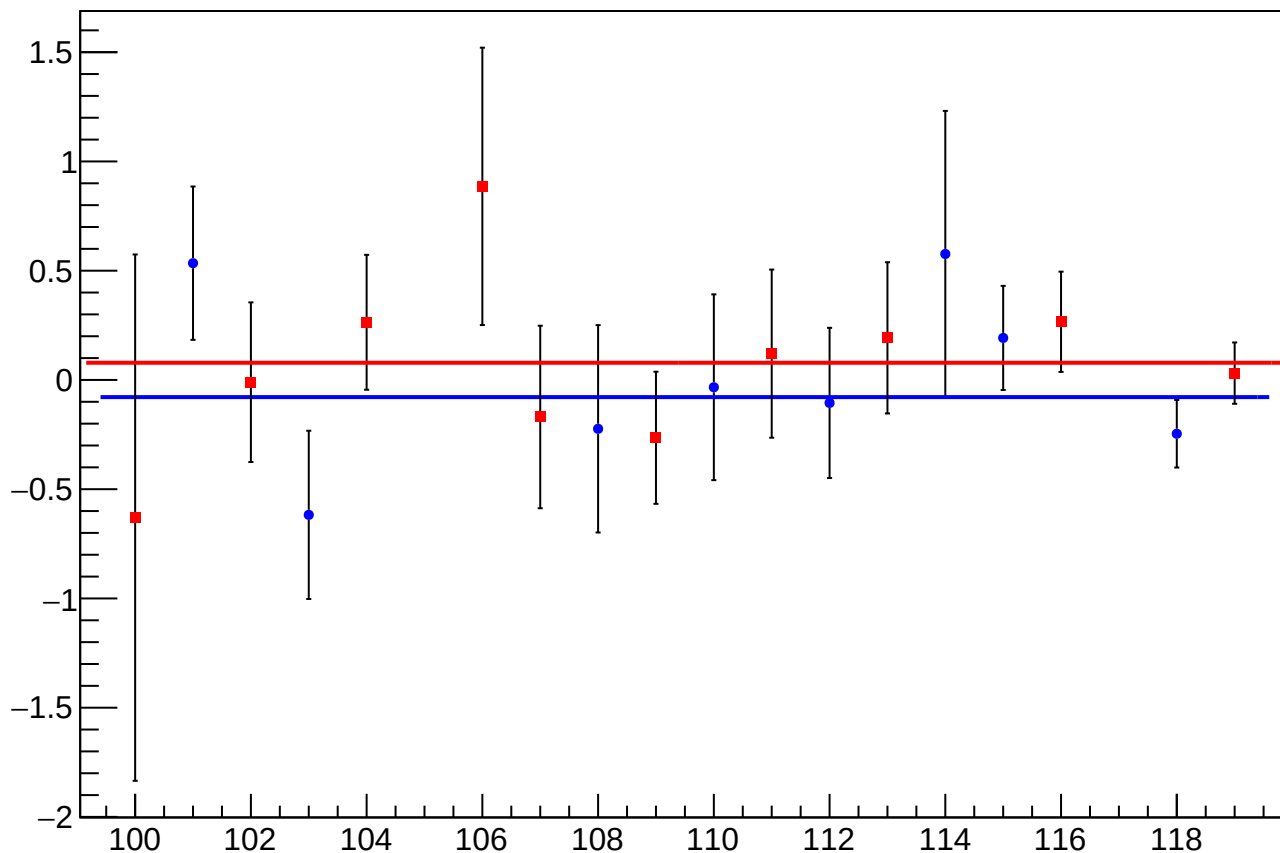
Right: 0.000+/-0.000 χ^2/NDF : 1157073.2/17

In: 0.000+/-0.000 χ^2/NDF : 842201.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1157073.2/17

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

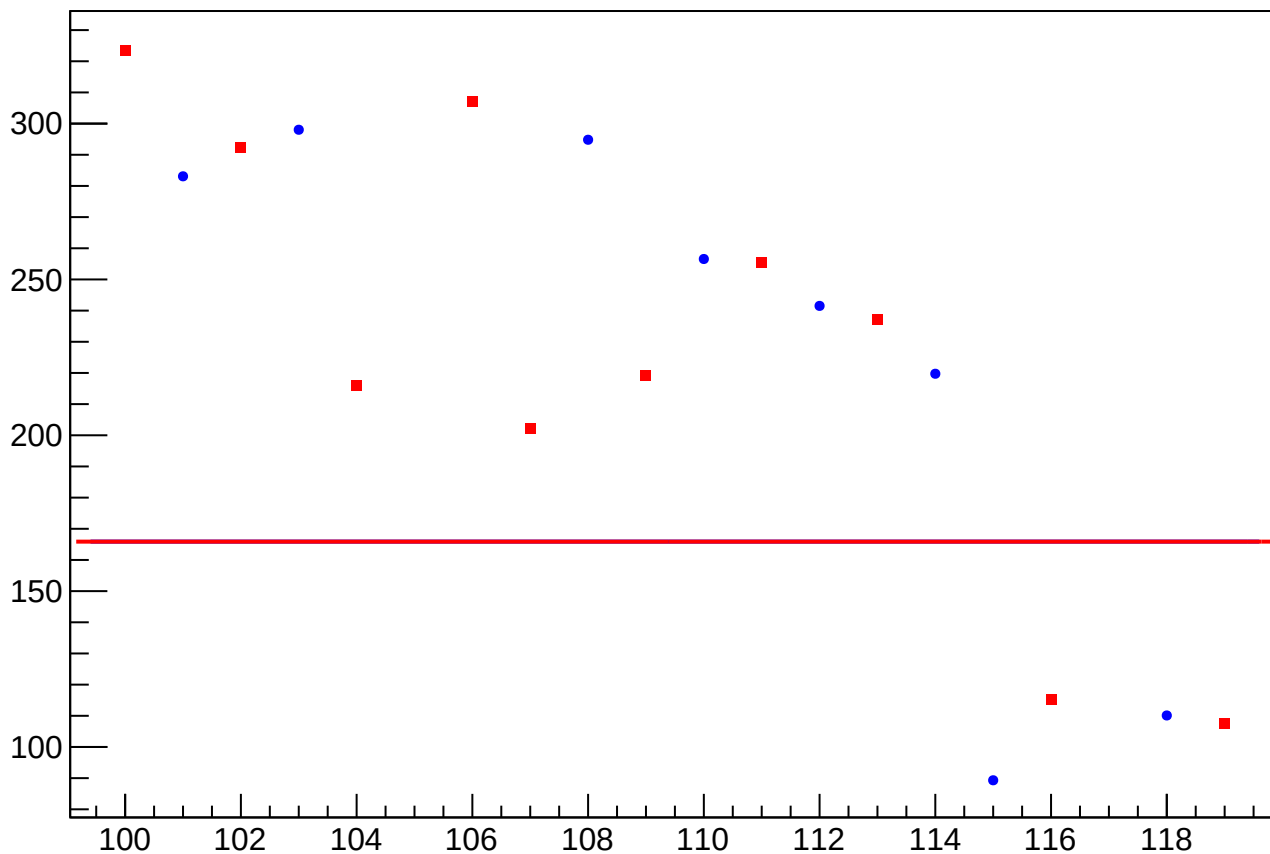
Right: 0.010+/-0.068 χ^2/NDF : 14.8/17

In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.068 χ^2/NDF : 14.8/17

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 165.891+/-0.073 χ^2/NDF : 1274660.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.879+/-0.064 χ^2/NDF : 1139111.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

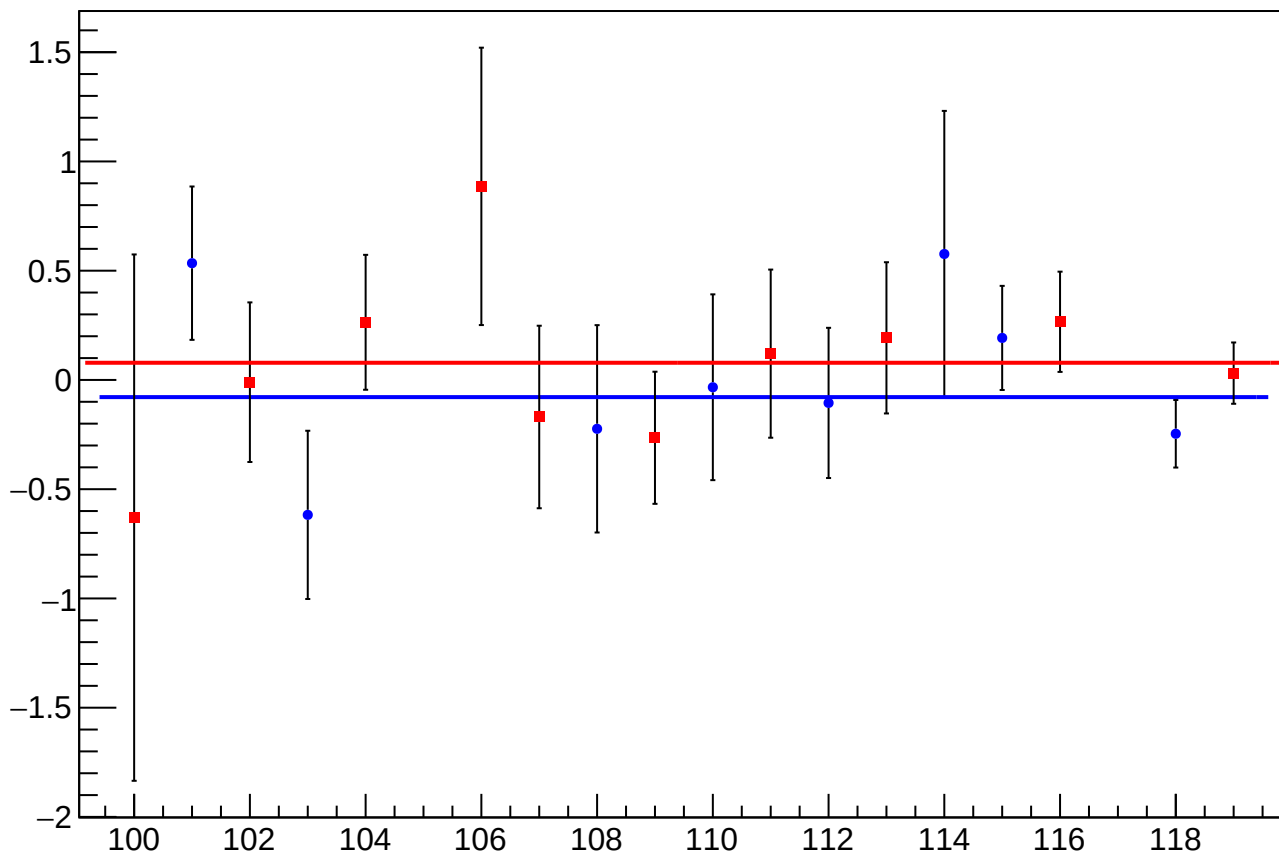
Right: 165.884+/-0.048 χ^2/NDF : 2413771.2/17

In: 165.891+/-0.073 χ^2/NDF : 1274660.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.884+/-0.048 χ^2/NDF : 2413771.2/17

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

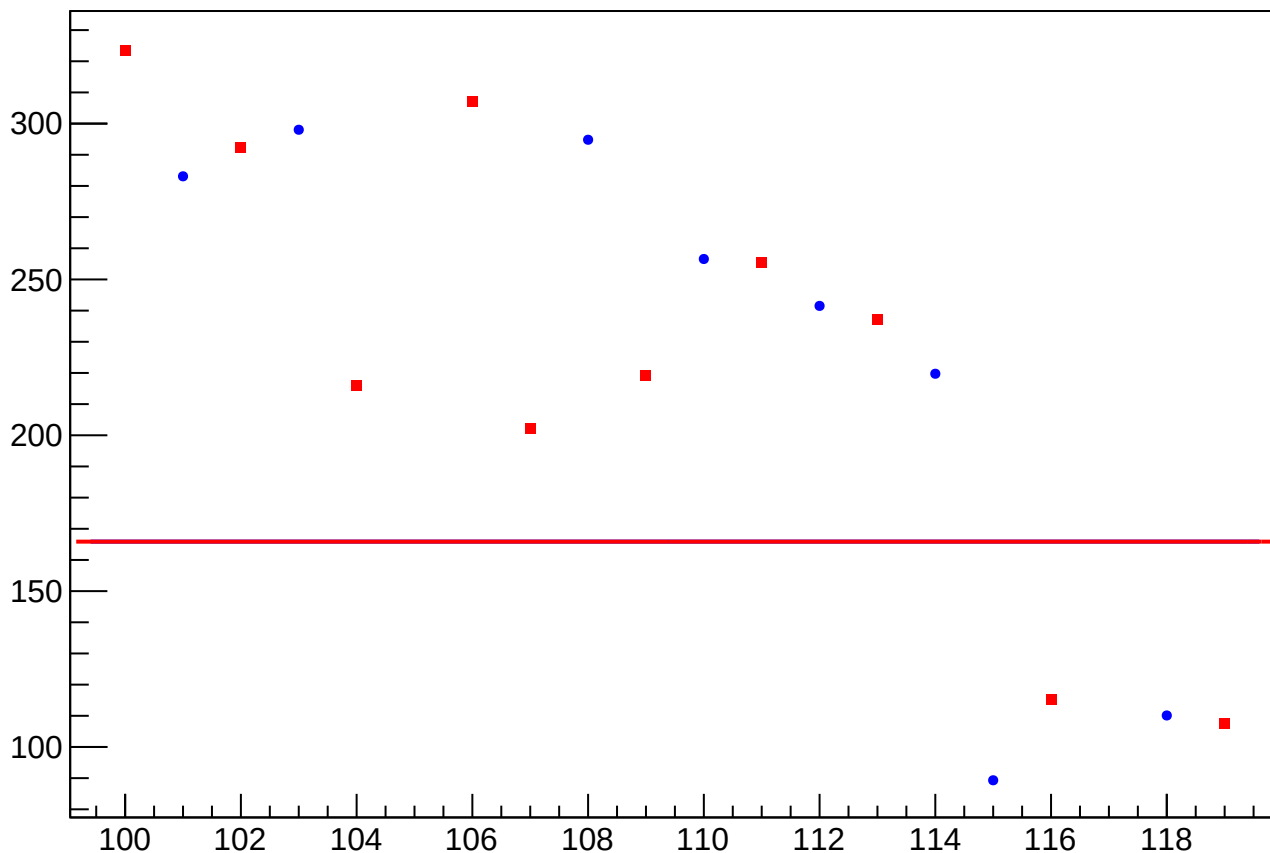
Right: 0.010+/-0.068 χ^2/NDF : 14.8/17

In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.068 χ^2/NDF : 14.8/17

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 165.891+/-0.073 χ^2/NDF : 1274660.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.879+/-0.064 χ^2/NDF : 1139111.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

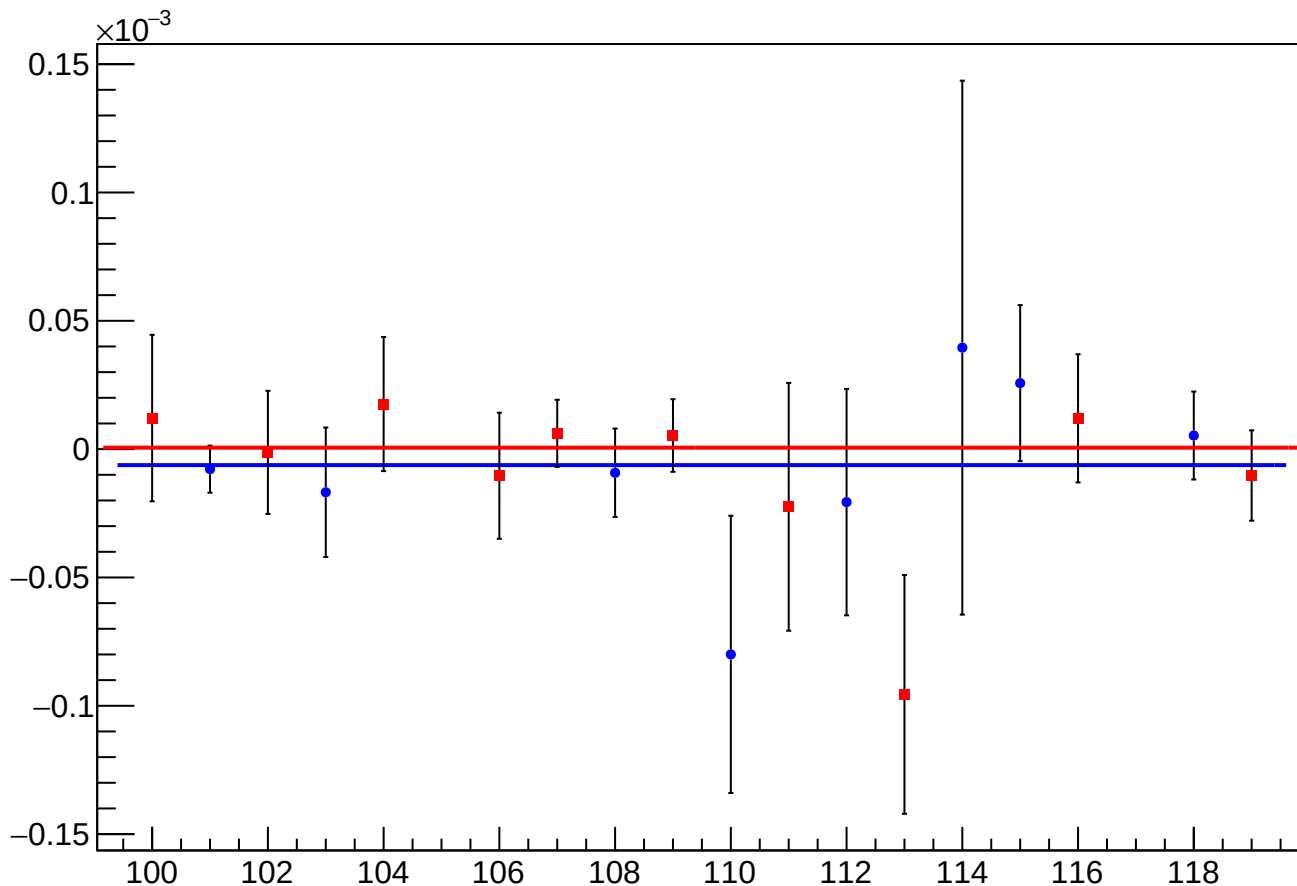
Right: 165.884+/-0.048 χ^2/NDF : 2413771.2/17

In: 165.891+/-0.073 χ^2/NDF : 1274660.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.884+/-0.048 χ^2/NDF : 2413771.2/17

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

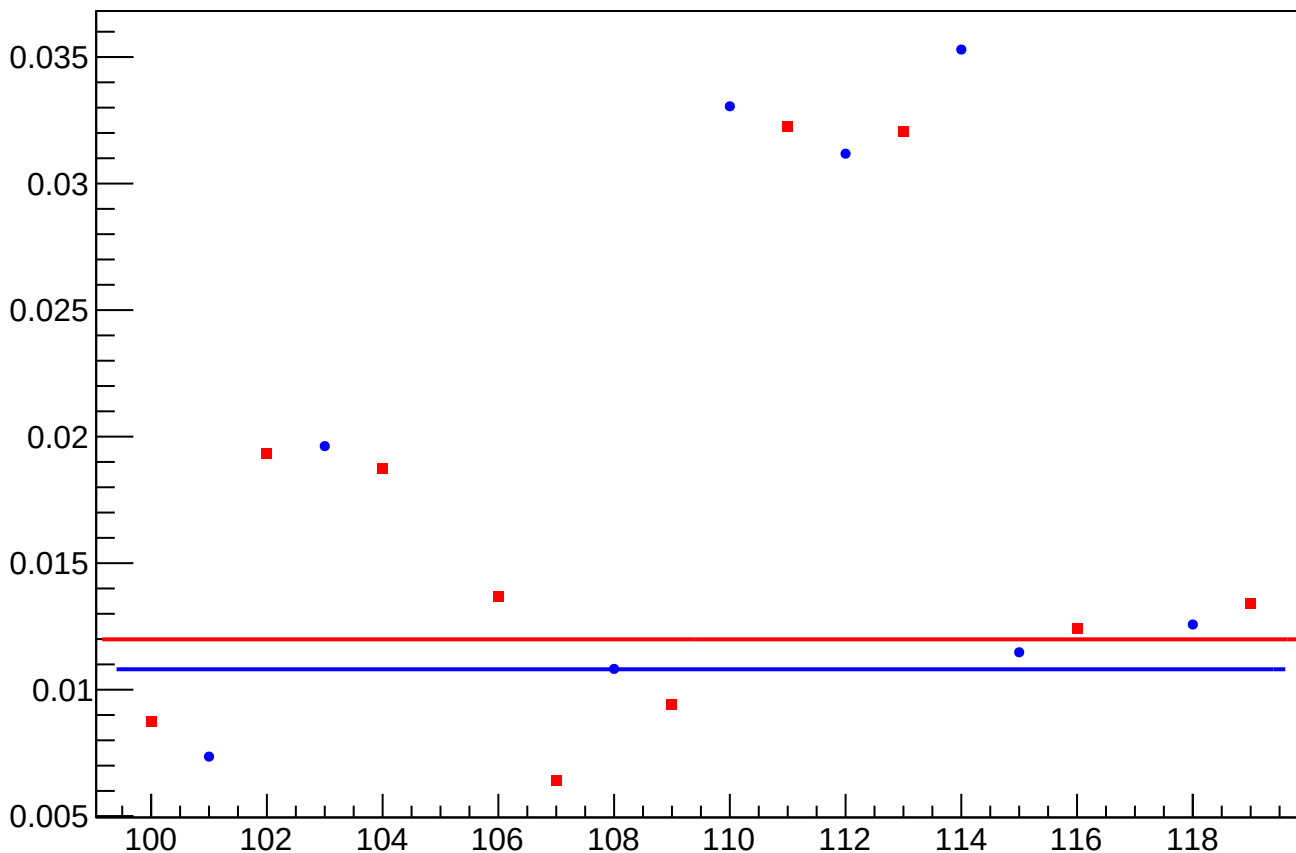
Right: -0.000+/-0.000 χ^2/NDF : 10.6/17

In: -0.000+/-0.000 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.6/17

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 1426422.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1519627.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

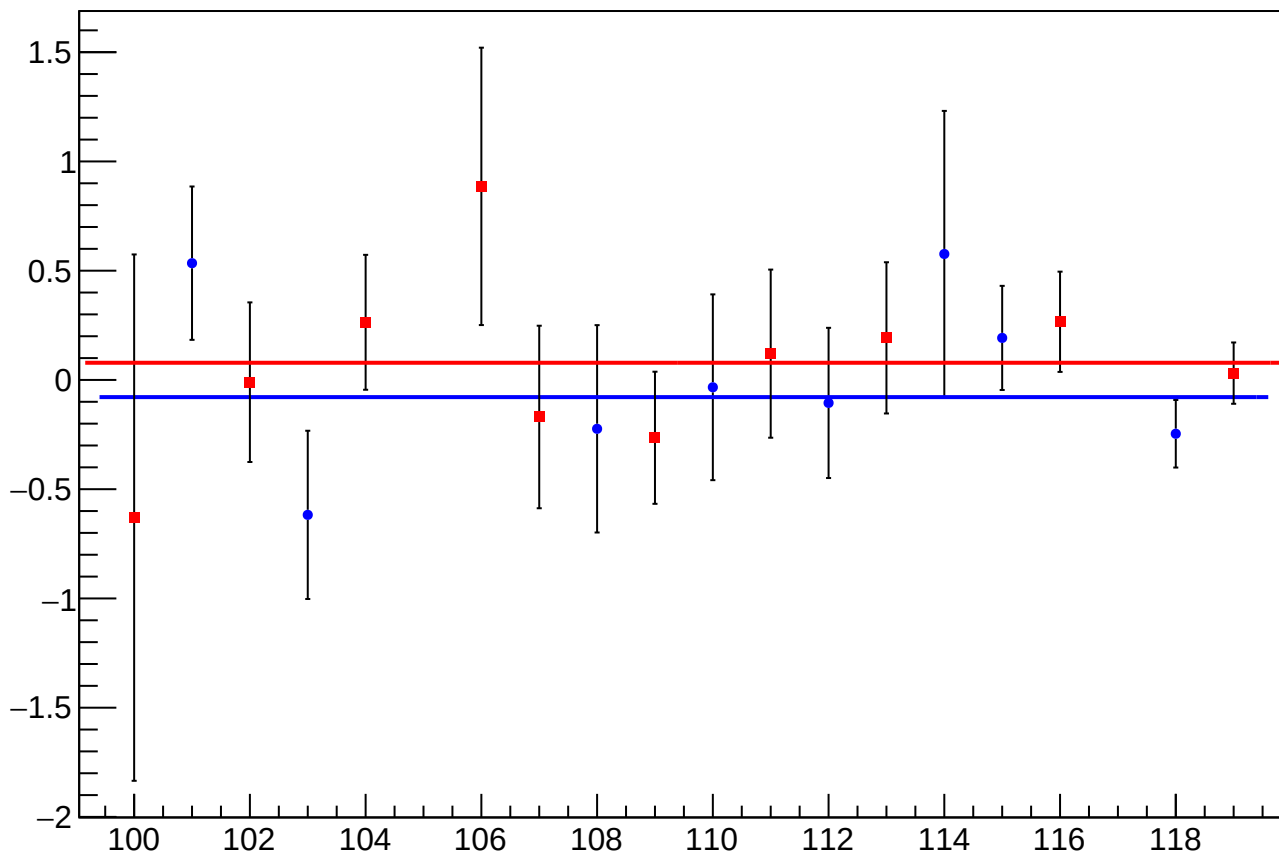
Right: 0.011+/-0.000 χ^2/NDF : 2977300.9/17

In: 0.011+/-0.000 χ^2/NDF :1426422.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2977300.9/17

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

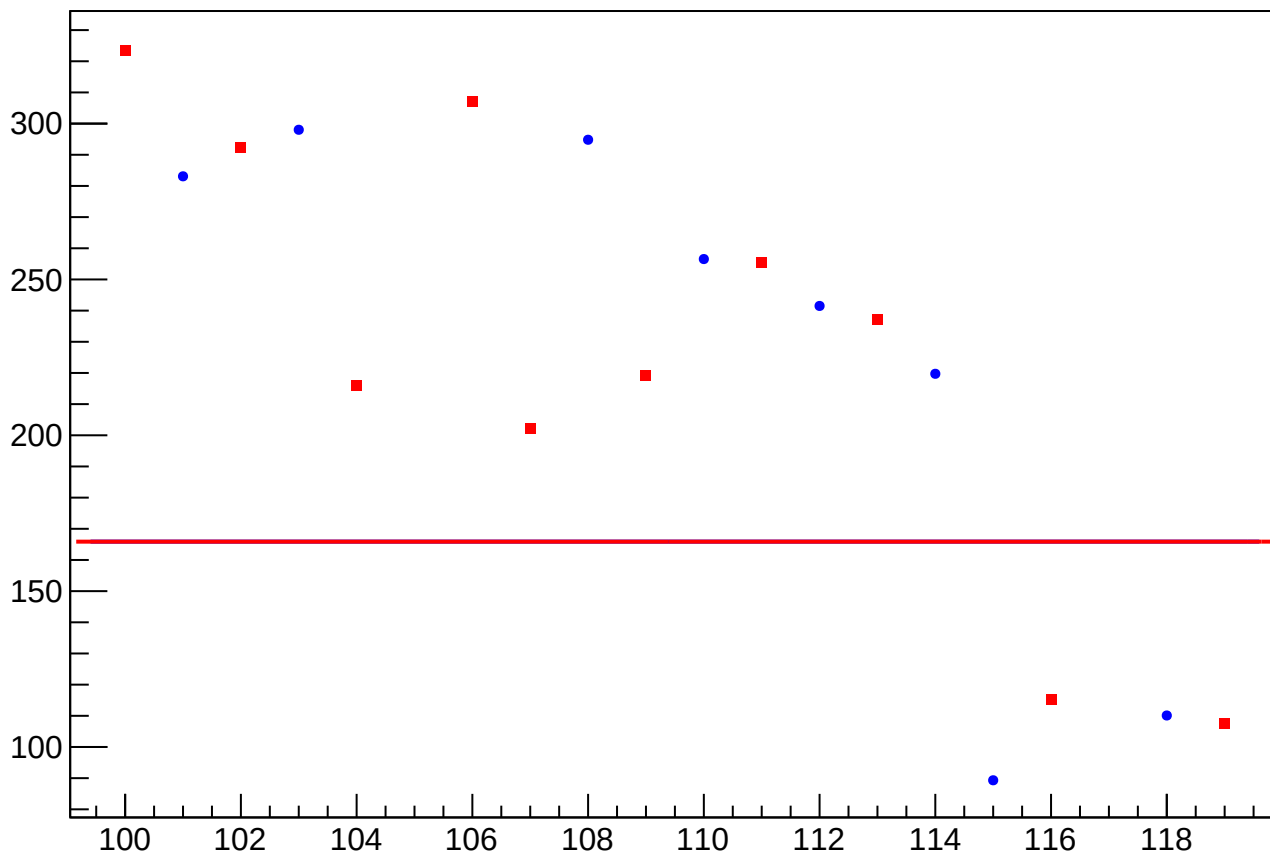
Right: 0.010+/-0.068 χ^2/NDF : 14.8/17

In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.068 χ^2/NDF : 14.8/17

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 165.889+/-0.073 χ^2/NDF : 1274588.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.878+/-0.064 χ^2/NDF : 1139058.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

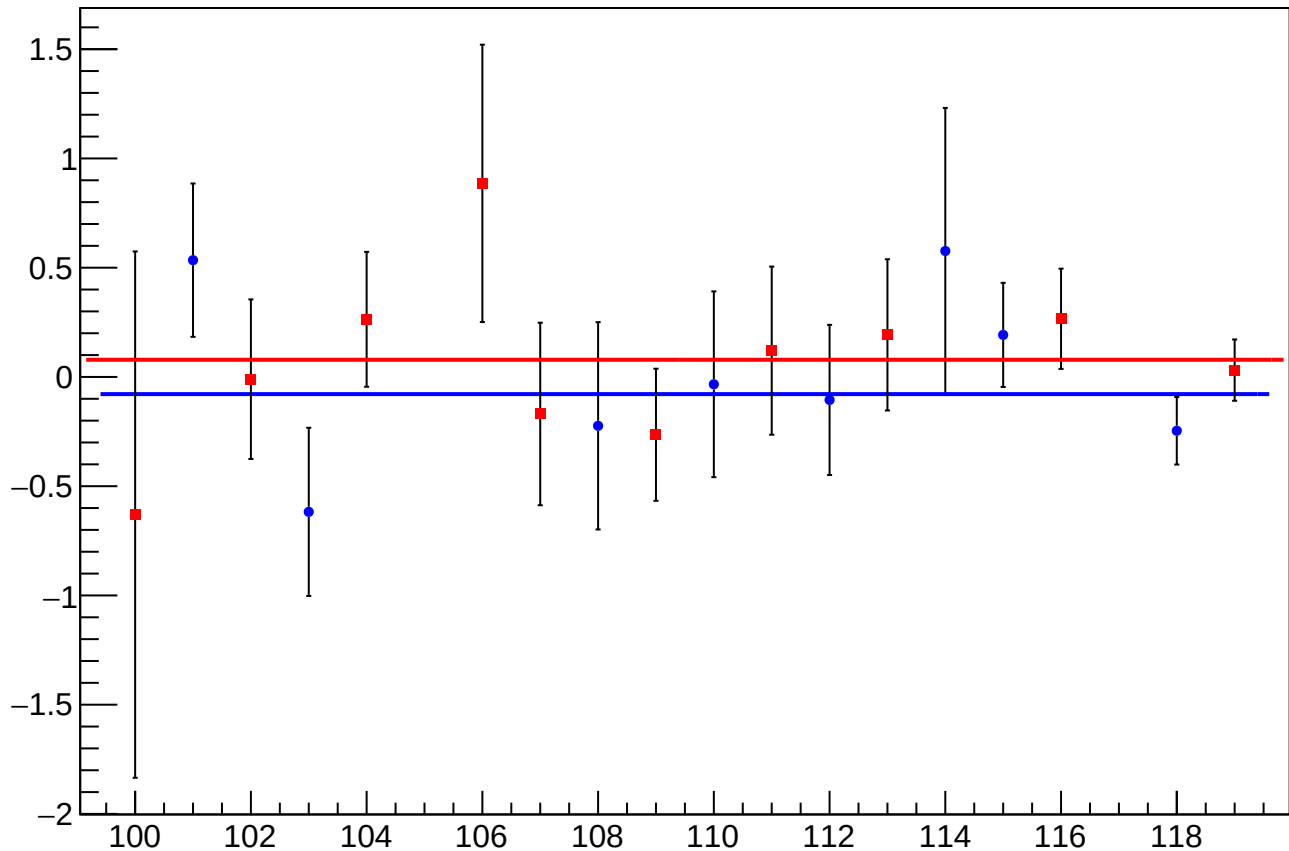
Right: 165.883+/-0.048 χ^2/NDF : 2413647.1/17

In: 165.889+/-0.073 χ^2/NDF : 1274588.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.883+/-0.048 χ^2/NDF : 2413647.1/17

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.079+/-0.090 χ^2/NDF : 4.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

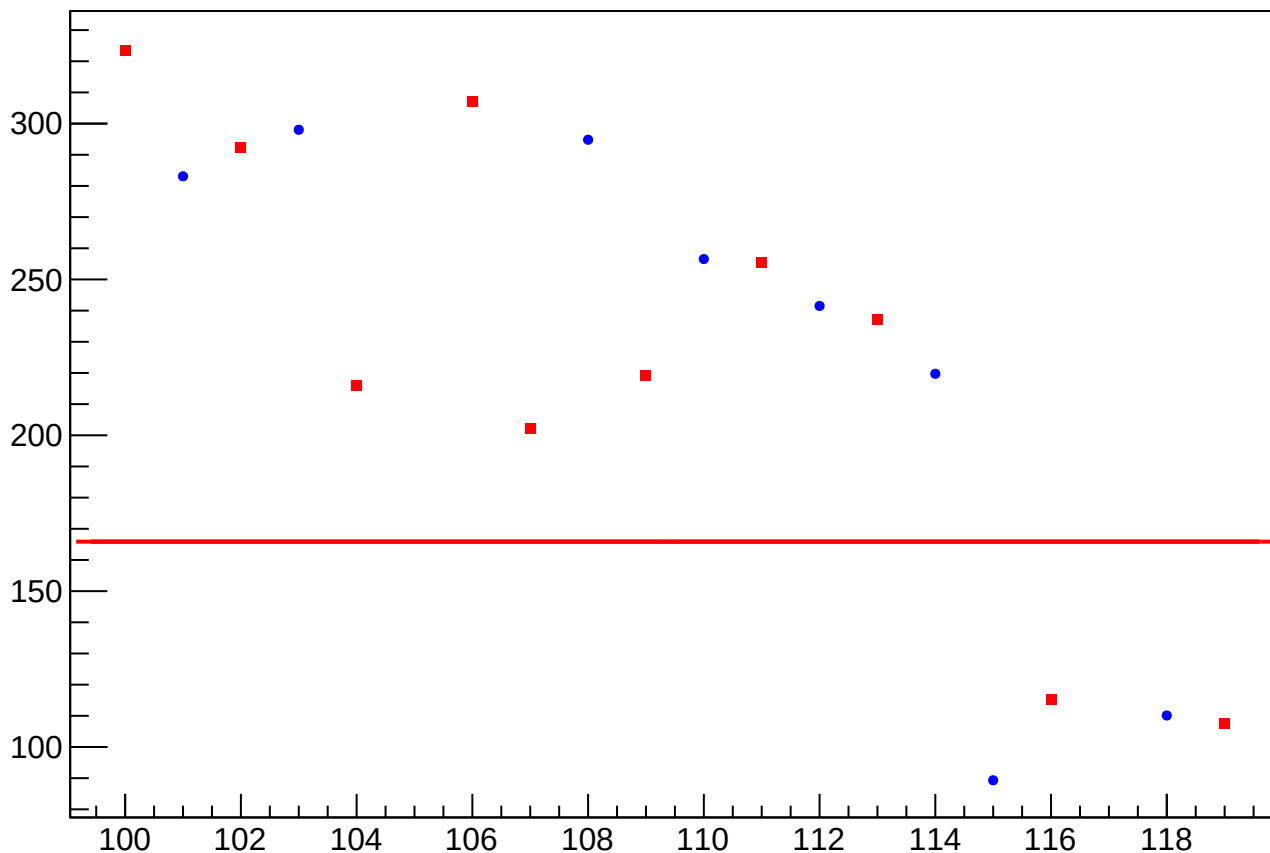
Right: 0.010+/-0.068 χ^2/NDF : 14.8/17

In: -0.079+/-0.103 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.068 χ^2/NDF : 14.8/17

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 165.889+/-0.073 χ^2/NDF : 1274588.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.878+/-0.064 χ^2/NDF : 1139058.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

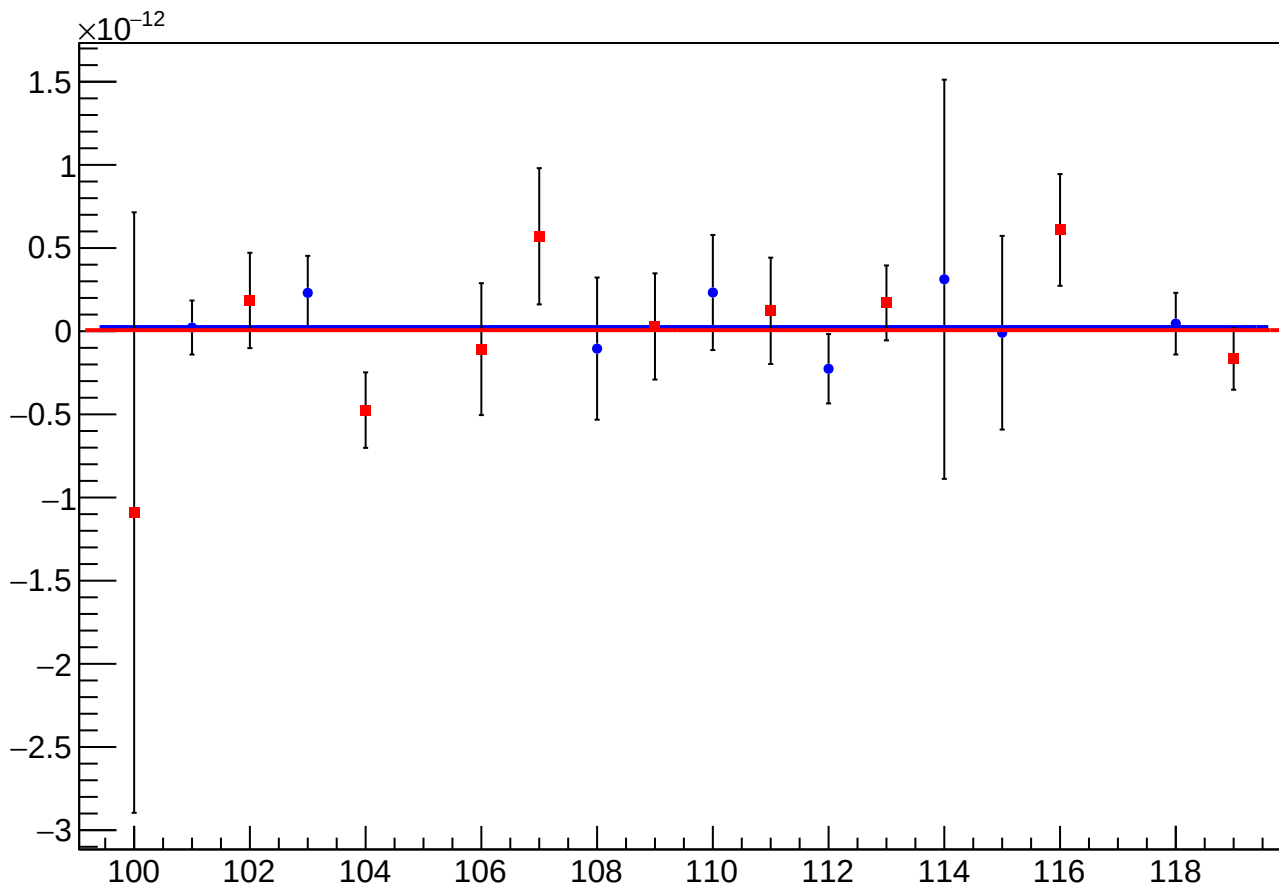
Right: 165.883+/-0.048 χ^2/NDF : 2413647.1/17

In: 165.889+/-0.073 χ^2/NDF : 1274588.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.883+/-0.048 χ^2/NDF : 2413647.1/17

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

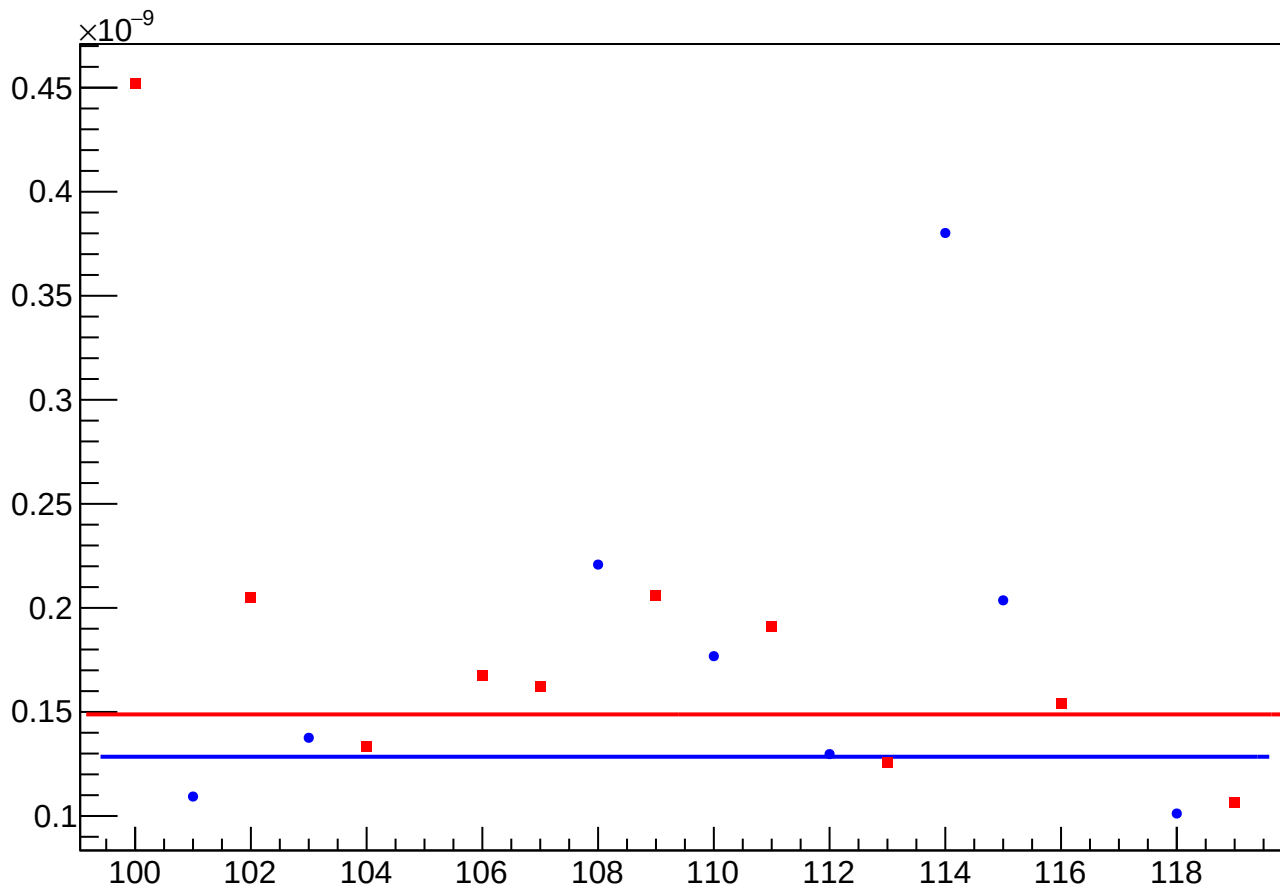
Right: 0.000+/-0.000 χ^2/NDF : 14.8/17

In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/17

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 328168.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375263.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

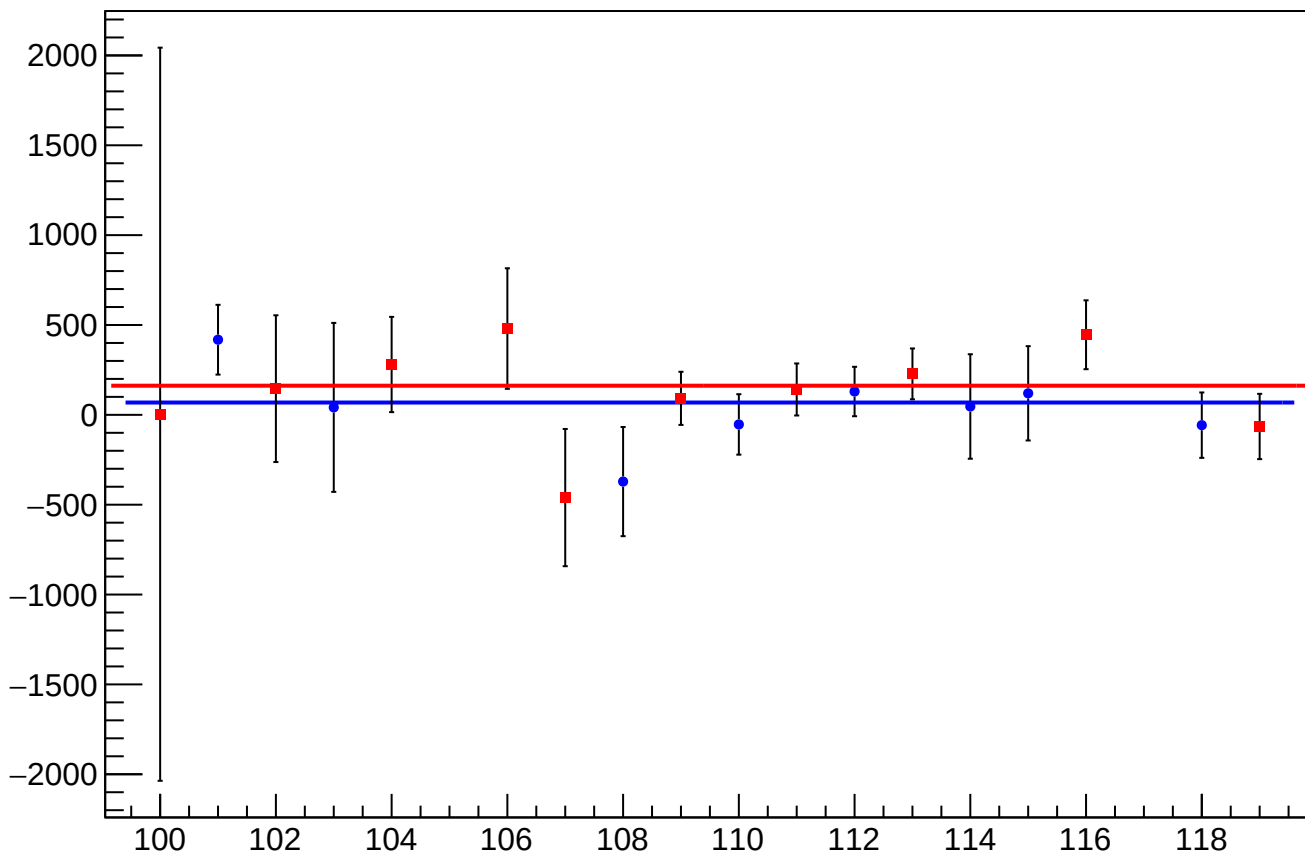
Right: 0.000+/-0.000 χ^2/NDF : 754971.7/17

In: 0.000+/-0.000 χ^2/NDF : 328168.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 754971.7/17

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 68.560+/-73.181 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.185+/-64.926 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

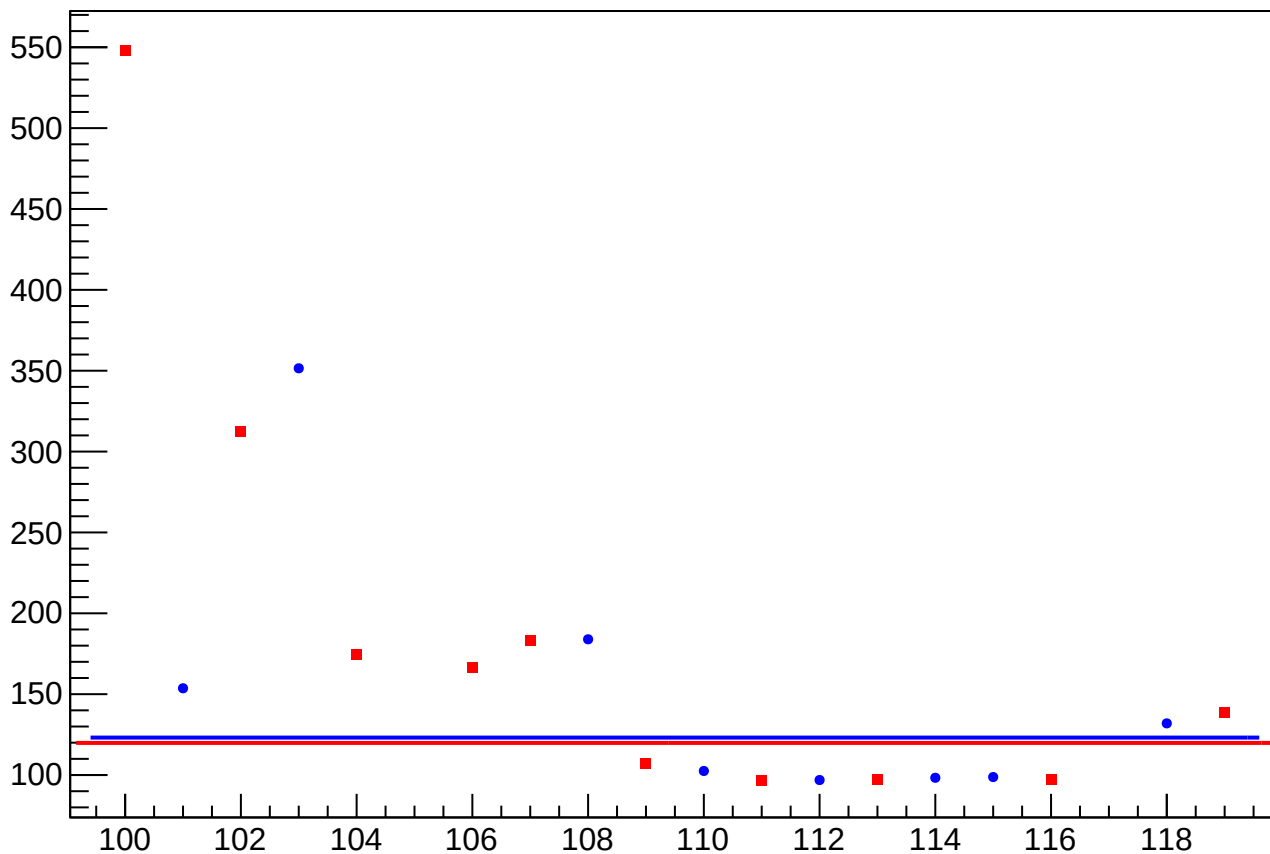
Right: 120.949+/-48.567 χ^2/NDF : 15.5/17

In: 68.560+/-73.181 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.949+/-48.567 χ^2/NDF : 15.5/17

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 123.158+/-0.052 χ^2/NDF : 740820.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.866+/-0.046 χ^2/NDF : 878403.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

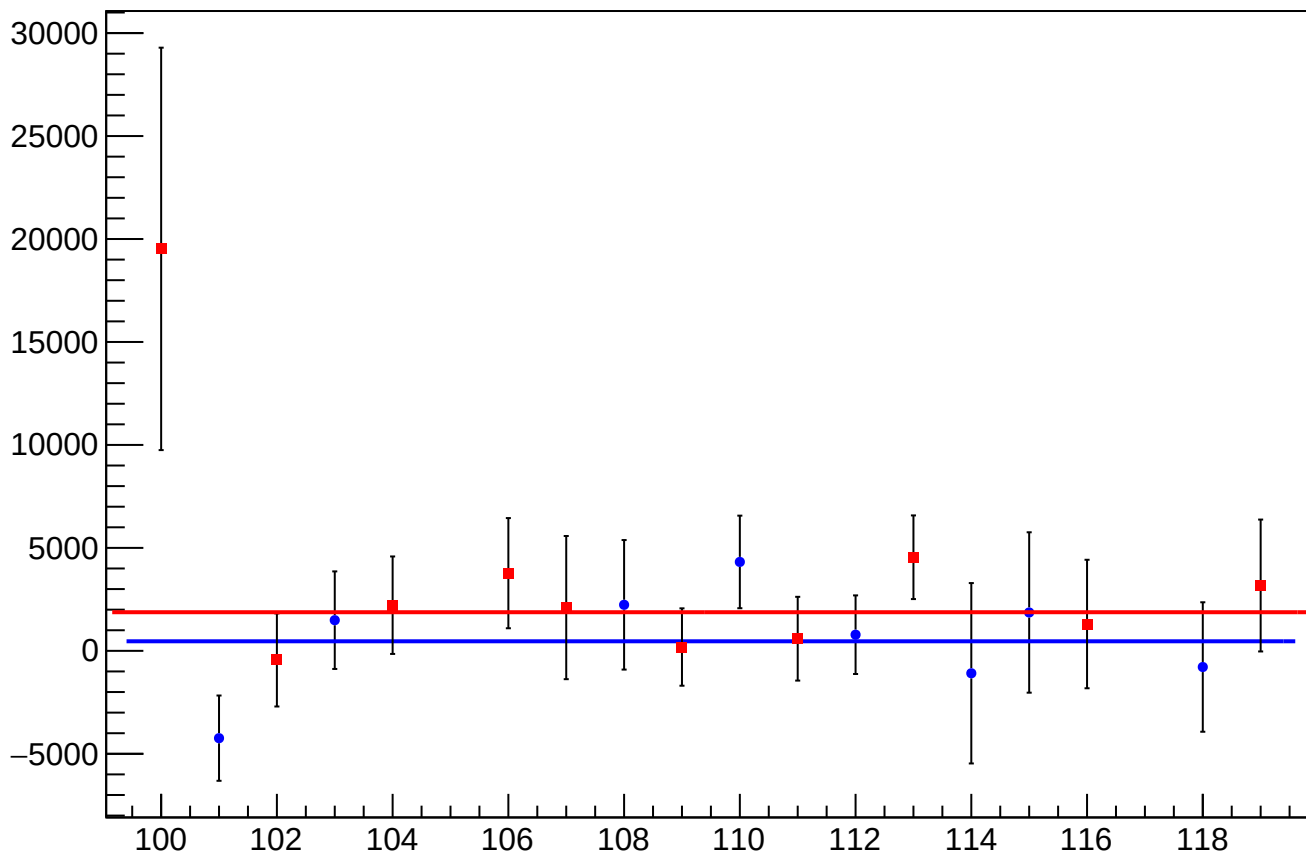
Right: 121.316+/-0.034 χ^2/NDF : 1621488.8/17

In: 123.158+/-0.052 χ^2/NDF : 740820.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.316+/-0.034 χ^2/NDF : 1621488.8/17

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: 464.354+/-911.312 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1875.817+/-796.845 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

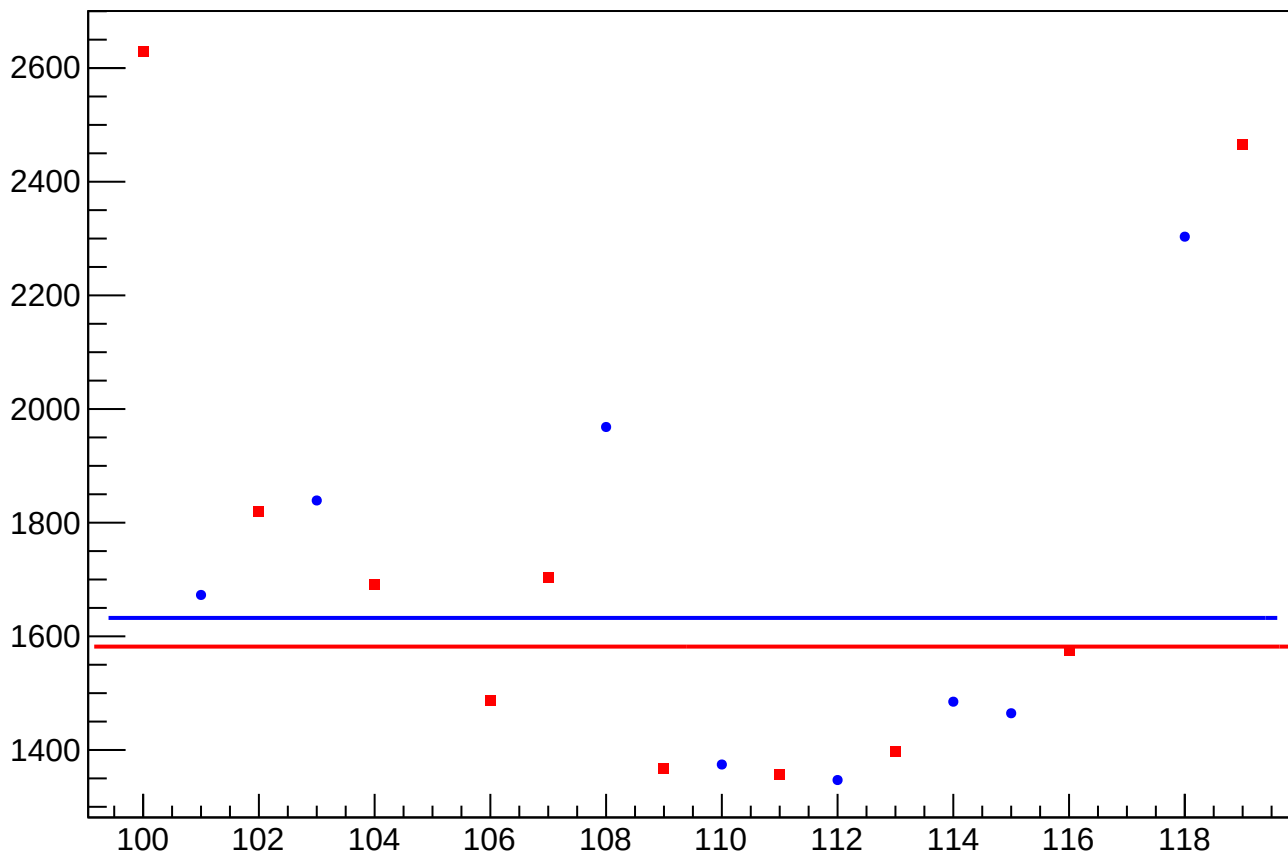
Right: 1264.247+/-599.868 χ^2/NDF : 18.4/17

In: 464.354+/-911.312 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1264.247+/-599.868 χ^2/NDF : 18.4/17

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1632.398+/-0.644 χ^2/NDF : 206878.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.939+/-0.563 χ^2/NDF : 273262.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

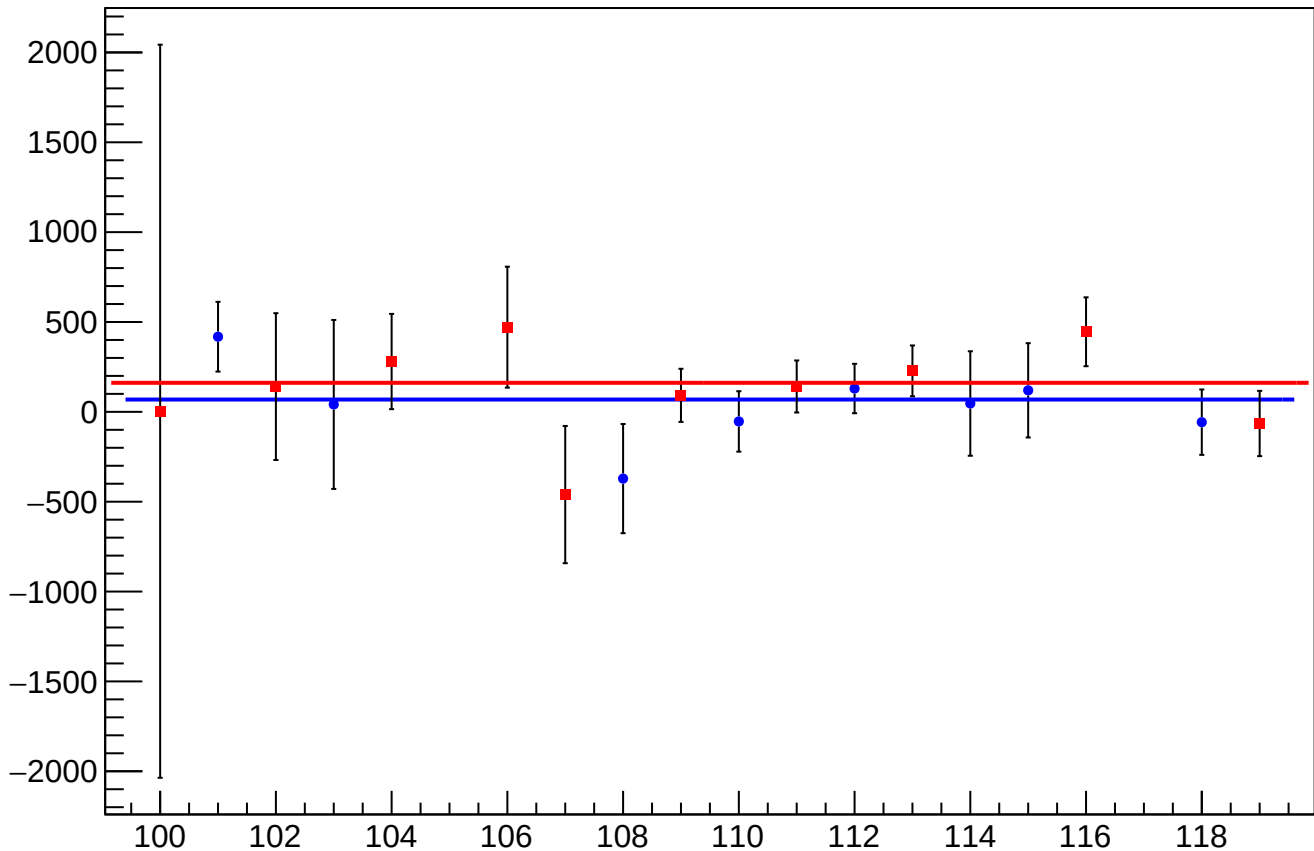
Right: 1603.802+/-0.424 χ^2/NDF : 483615.6/17

In: 1632.398+/-0.644 χ^2/NDF : 206878.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1603.802+/-0.424 χ^2/NDF : 483615.6/17

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 68.533+/-73.181 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.621+/-64.935 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

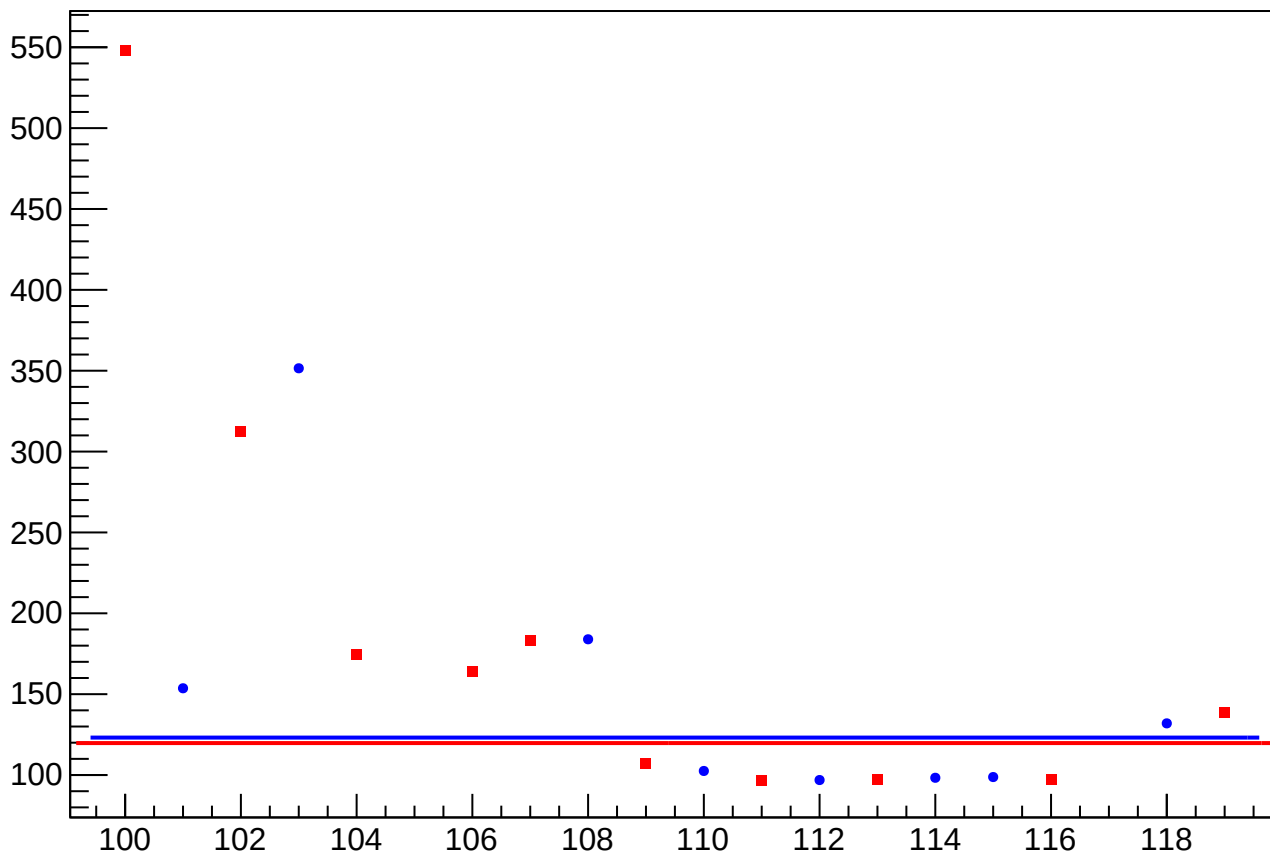
Right: 120.615+/-48.571 χ^2/NDF : 15.4/17

In: 68.533+/-73.181 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.615+/-48.571 χ^2/NDF : 15.4/17

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 123.158+/-0.052 χ^2/NDF : 740822.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.762+/-0.046 χ^2/NDF : 874385.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

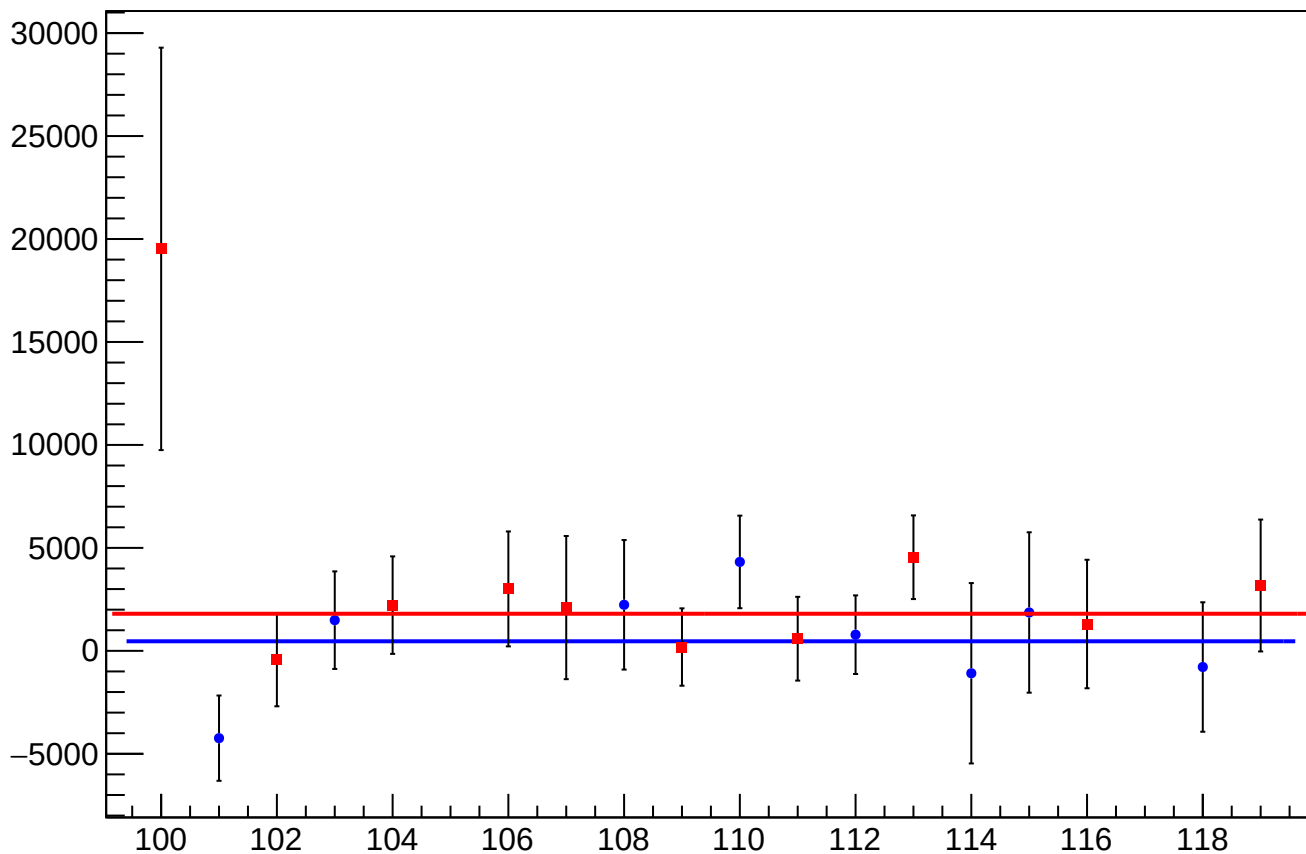
Right: 121.258+/-0.034 χ^2/NDF : 1617616.6/17

In: 123.158+/-0.052 χ^2/NDF : 740822.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.258+/-0.034 χ^2/NDF : 1617616.6/17

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: 464.419+/-911.327 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1801.632+/-799.807 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

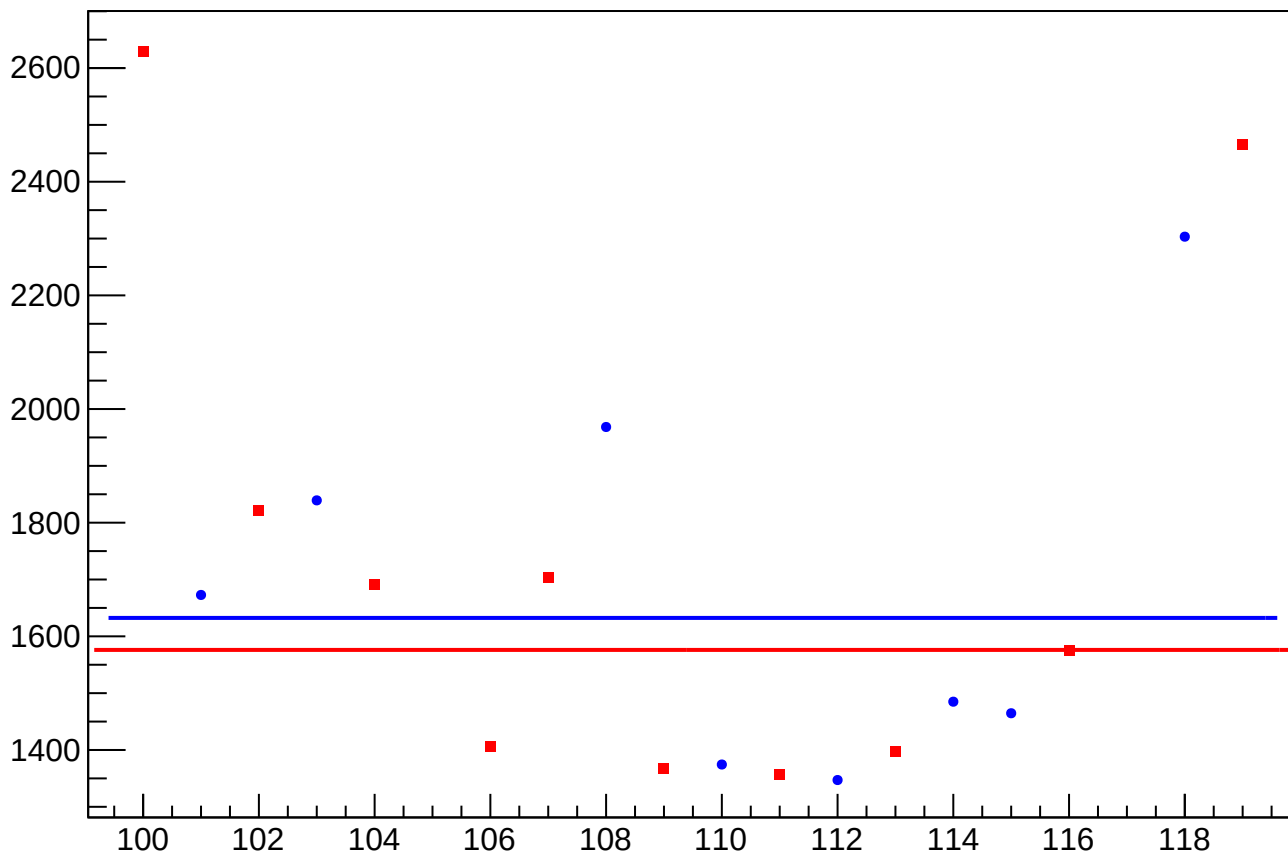
Right: 1219.807+/-601.132 χ^2/NDF : 17.9/17

In: 464.419+/-911.327 χ^2/NDF :9.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1219.807+/-601.132 χ^2/NDF : 17.9/17

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.419+/-0.644 χ^2/NDF : 206904.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.098+/-0.566 χ^2/NDF : 278821.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

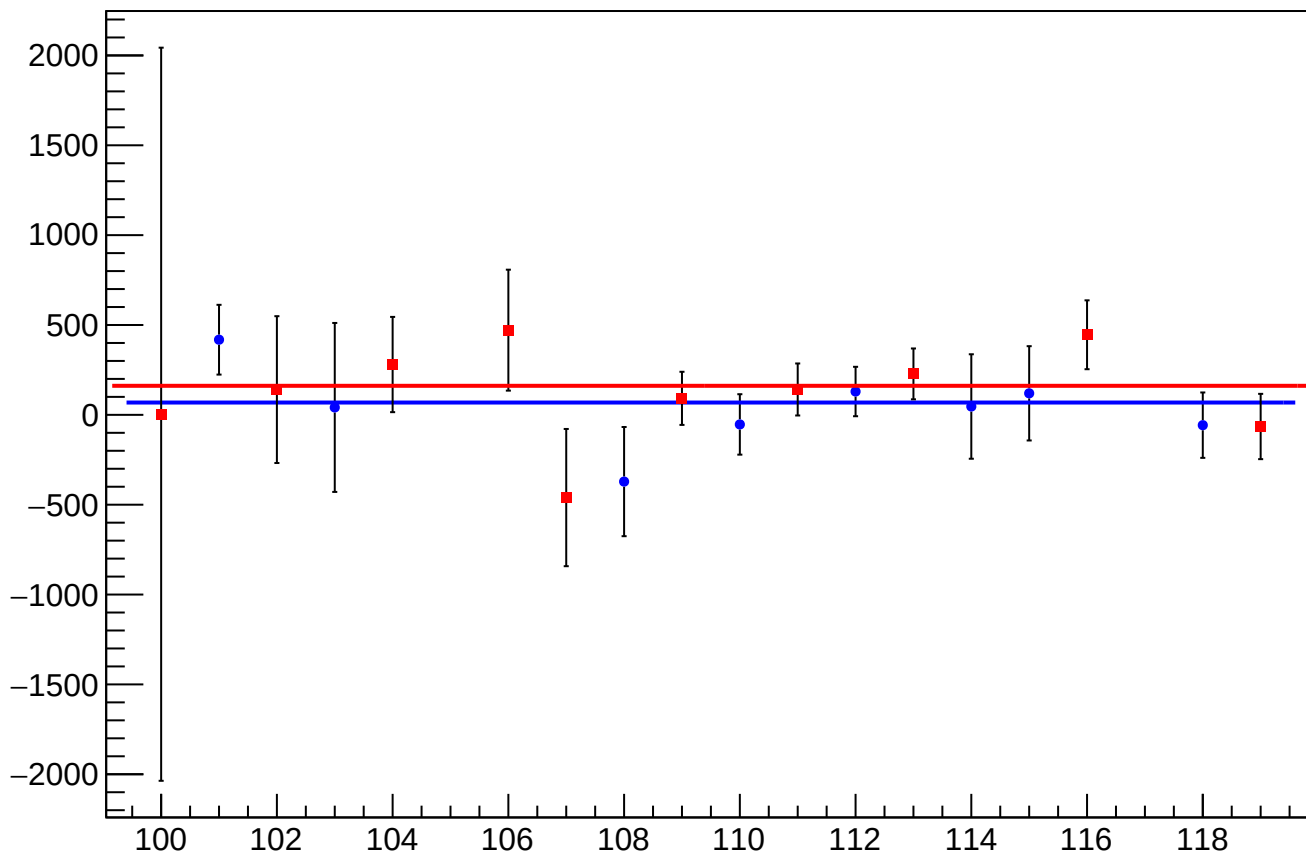
Right: 1600.604+/-0.425 χ^2/NDF : 490041.3/17

In: 1632.419+/-0.644 χ^2/NDF : 206904.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.604+/-0.425 χ^2/NDF : 490041.3/17

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 68.533+/-73.181 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.621+/-64.935 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

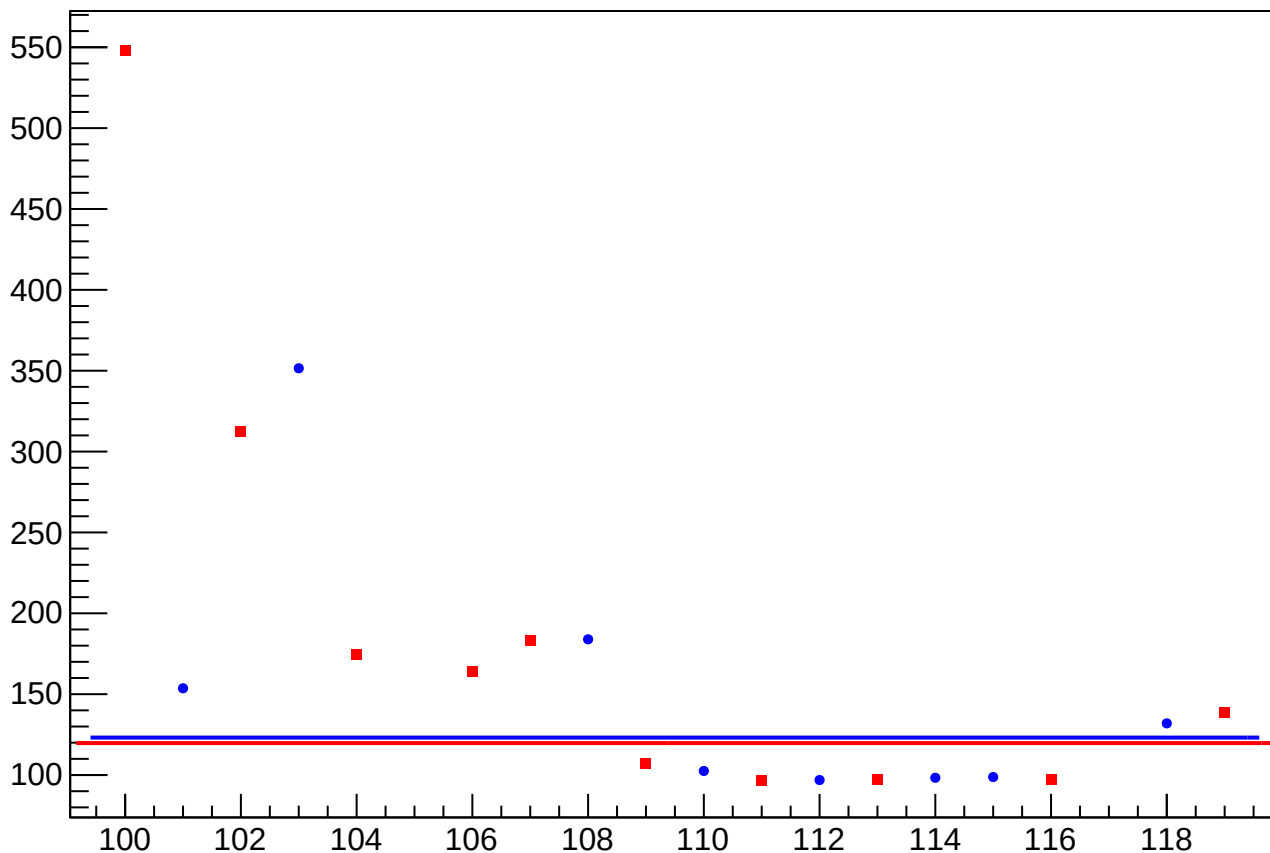
Right: 120.615+/-48.571 χ^2/NDF : 15.4/17

In: 68.533+/-73.181 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.615+/-48.571 χ^2/NDF : 15.4/17

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 123.158+/-0.052 χ^2/NDF : 740822.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.762+/-0.046 χ^2/NDF : 874385.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

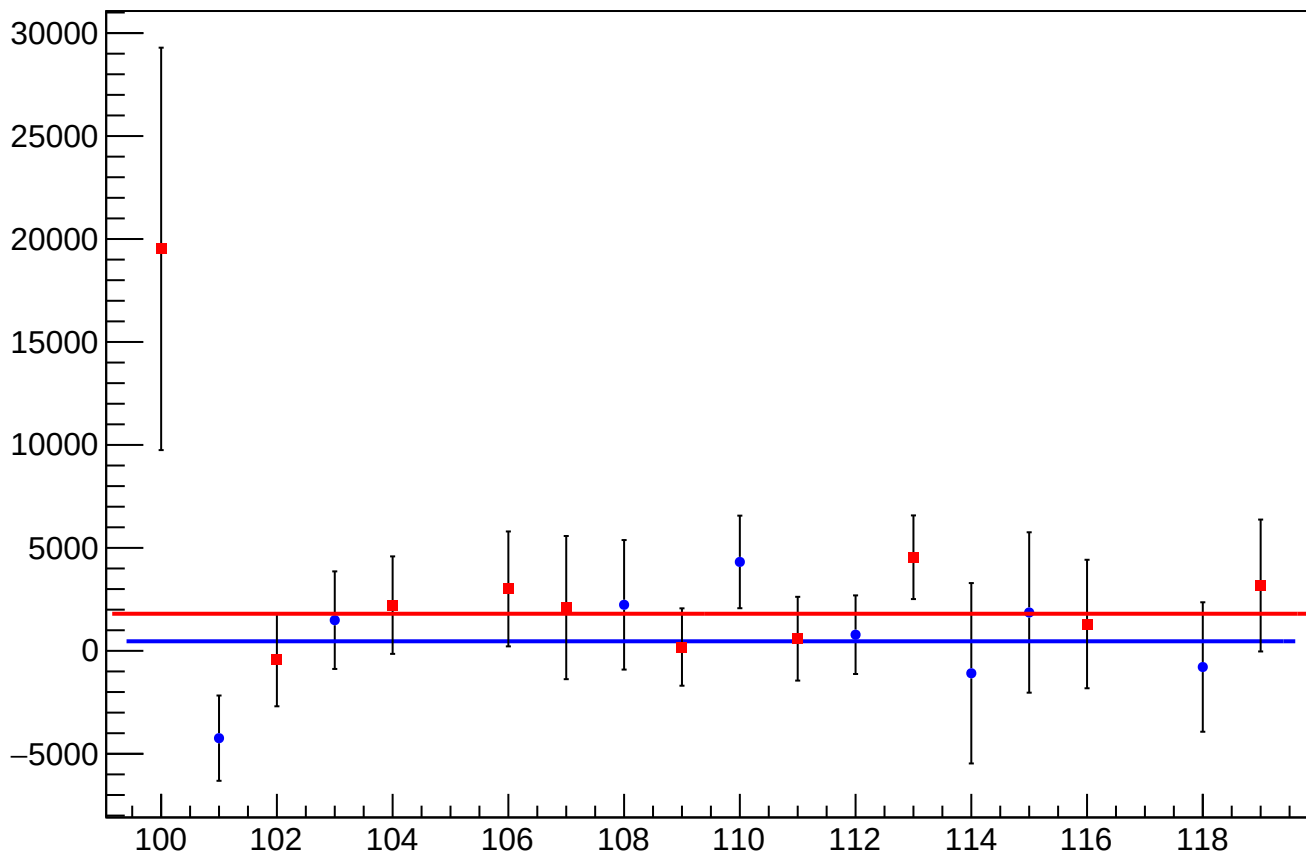
Right: 121.258+/-0.034 χ^2/NDF : 1617616.6/17

In: 123.158+/-0.052 χ^2/NDF : 740822.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.258+/-0.034 χ^2/NDF : 1617616.6/17

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 464.419+/-911.327 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1801.632+/-799.807 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

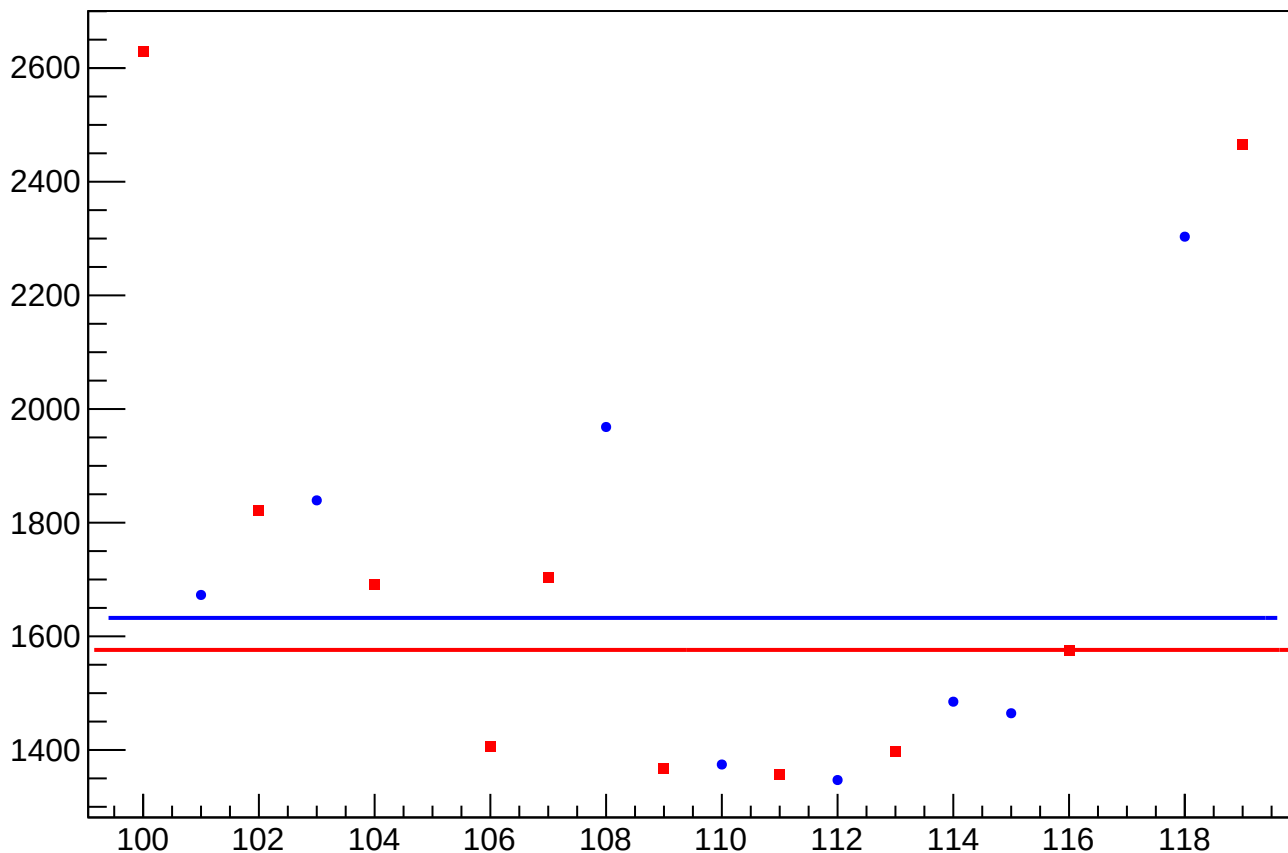
Right: 1219.807+/-601.132 χ^2/NDF : 17.9/17

In: 464.419+/-911.327 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1219.807+/-601.132 χ^2/NDF : 17.9/17

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1632.419+/-0.644 χ^2/NDF : 206904.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1576.098+/-0.566 χ^2/NDF : 278821.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

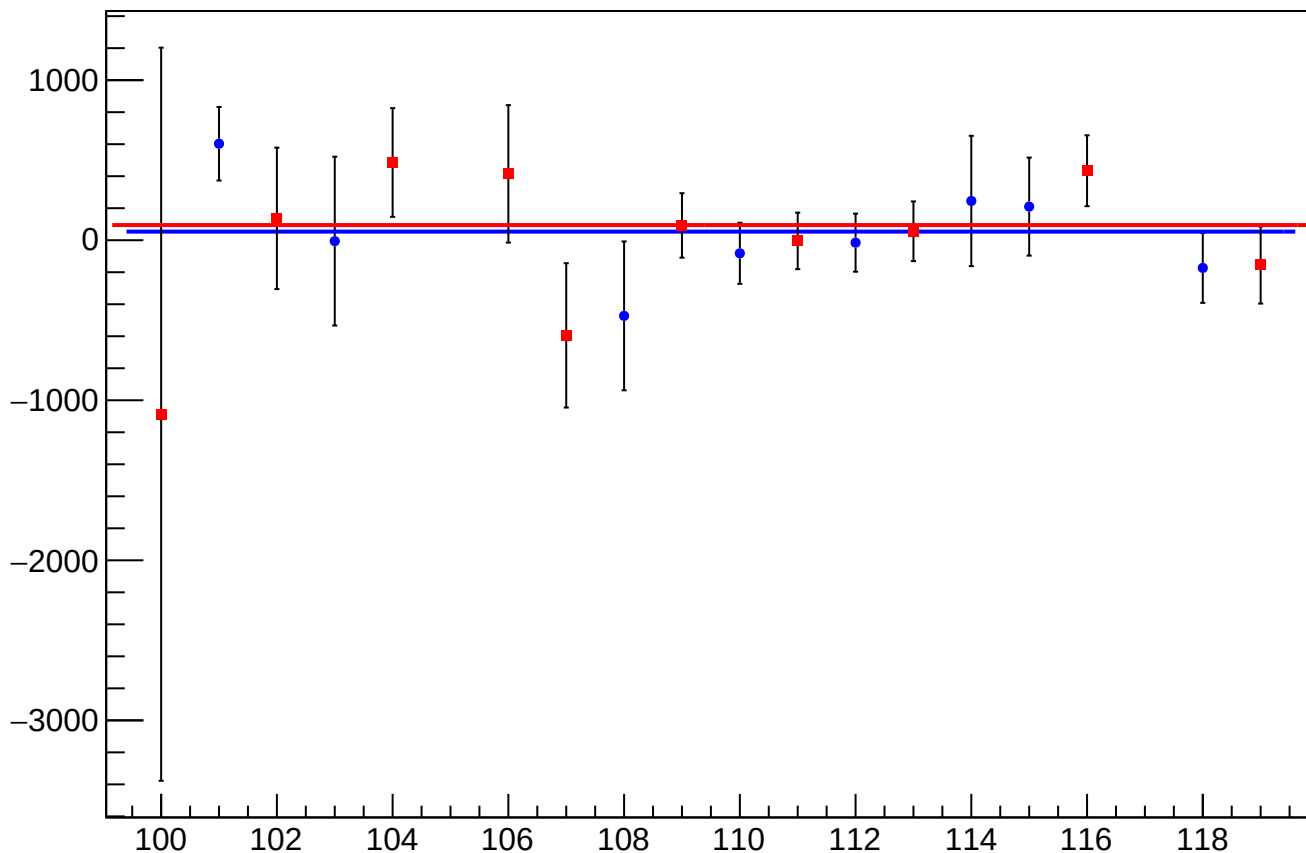
Right: 1600.604+/-0.425 χ^2/NDF : 490041.3/17

In: 1632.419+/-0.644 χ^2/NDF : 206904.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.604+/-0.425 χ^2/NDF : 490041.3/17

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 53.766+/-90.271 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.680+/-82.380 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

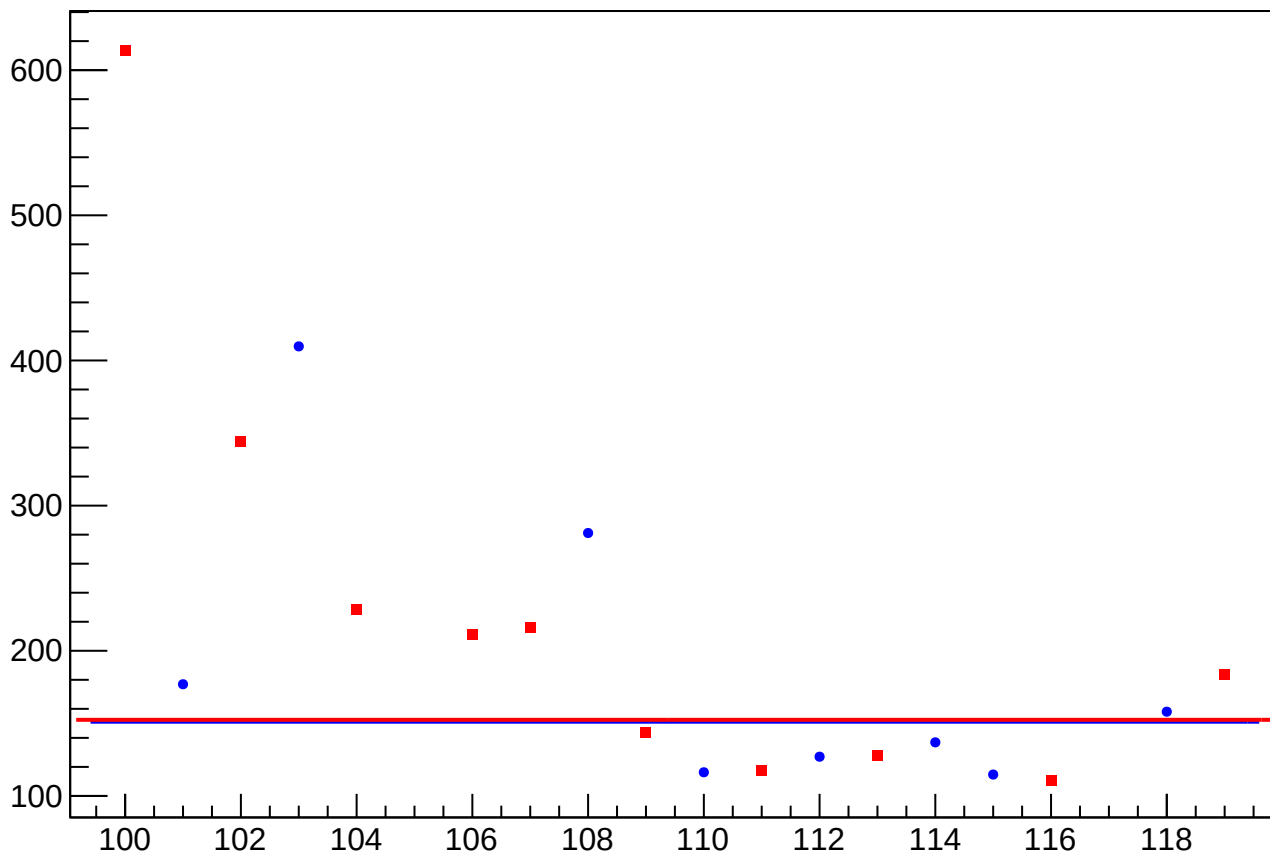
Right: 76.089+/-60.850 χ^2/NDF : 17.6/17

In: 53.766+/-90.271 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.089+/-60.850 χ^2/NDF : 17.6/17

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 151.146+/-0.064 χ^2/NDF : 796912.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.442+/-0.058 χ^2/NDF : 856934.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

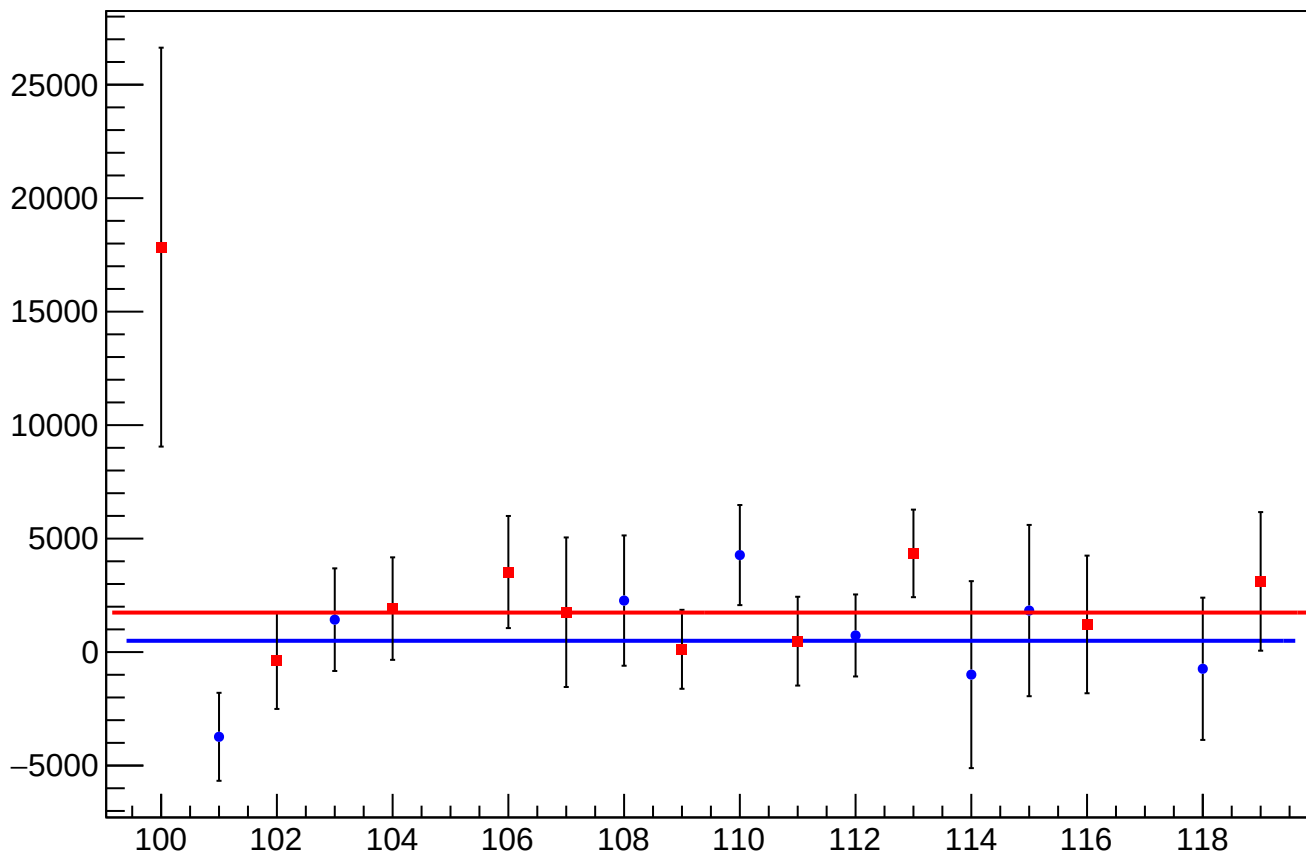
Right: 151.853+/-0.043 χ^2/NDF : 1654071.4/17

In: 151.146+/-0.064 χ^2/NDF : 796912.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.853+/-0.043 χ^2/NDF : 1654071.4/17

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: 497.274+/-868.395 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1740.716+/-753.542 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

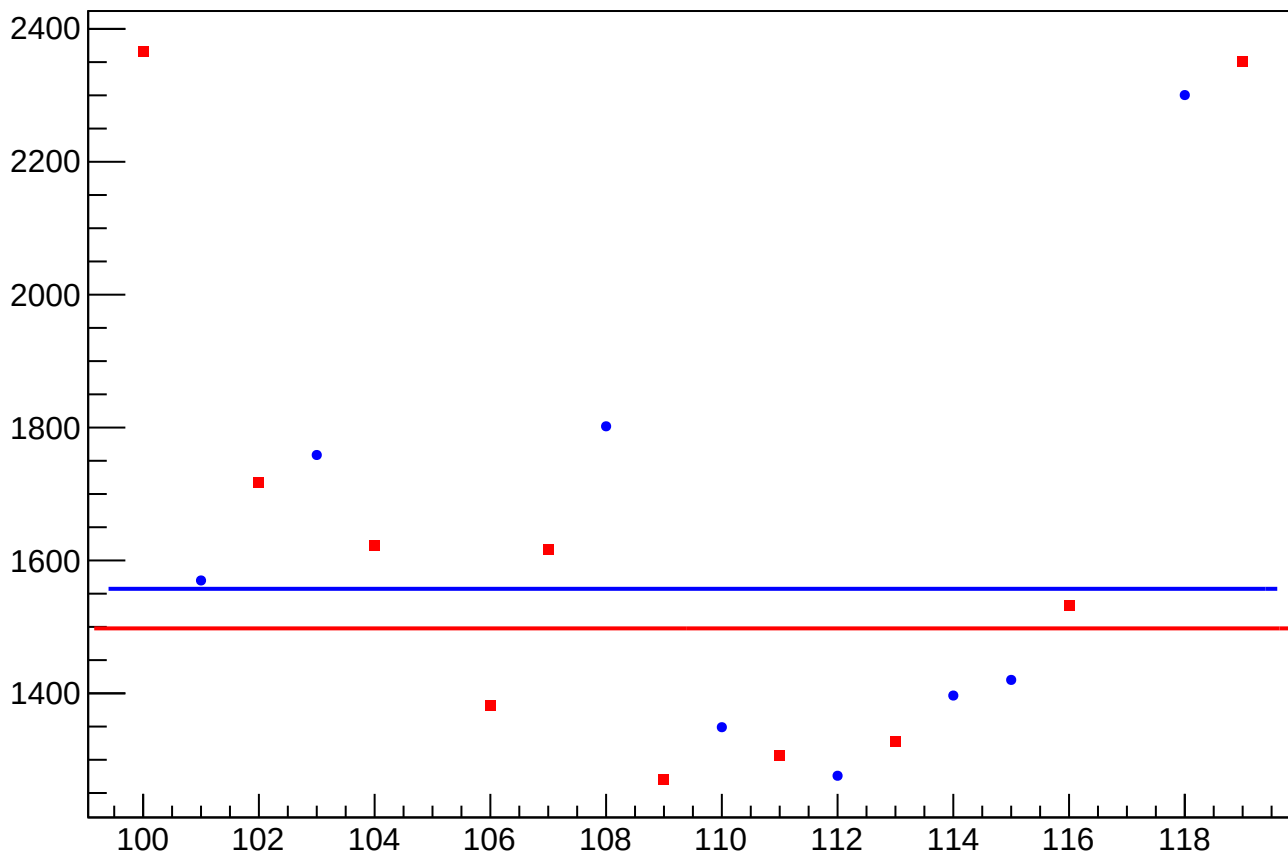
Right: 1206.606+/-569.141 χ^2/NDF : 18.1/17

In: 497.274+/-868.395 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1206.606+/-569.141 χ^2/NDF : 18.1/17

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1557.303+/-0.614 χ^2/NDF : 214930.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.757+/-0.533 χ^2/NDF : 279180.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

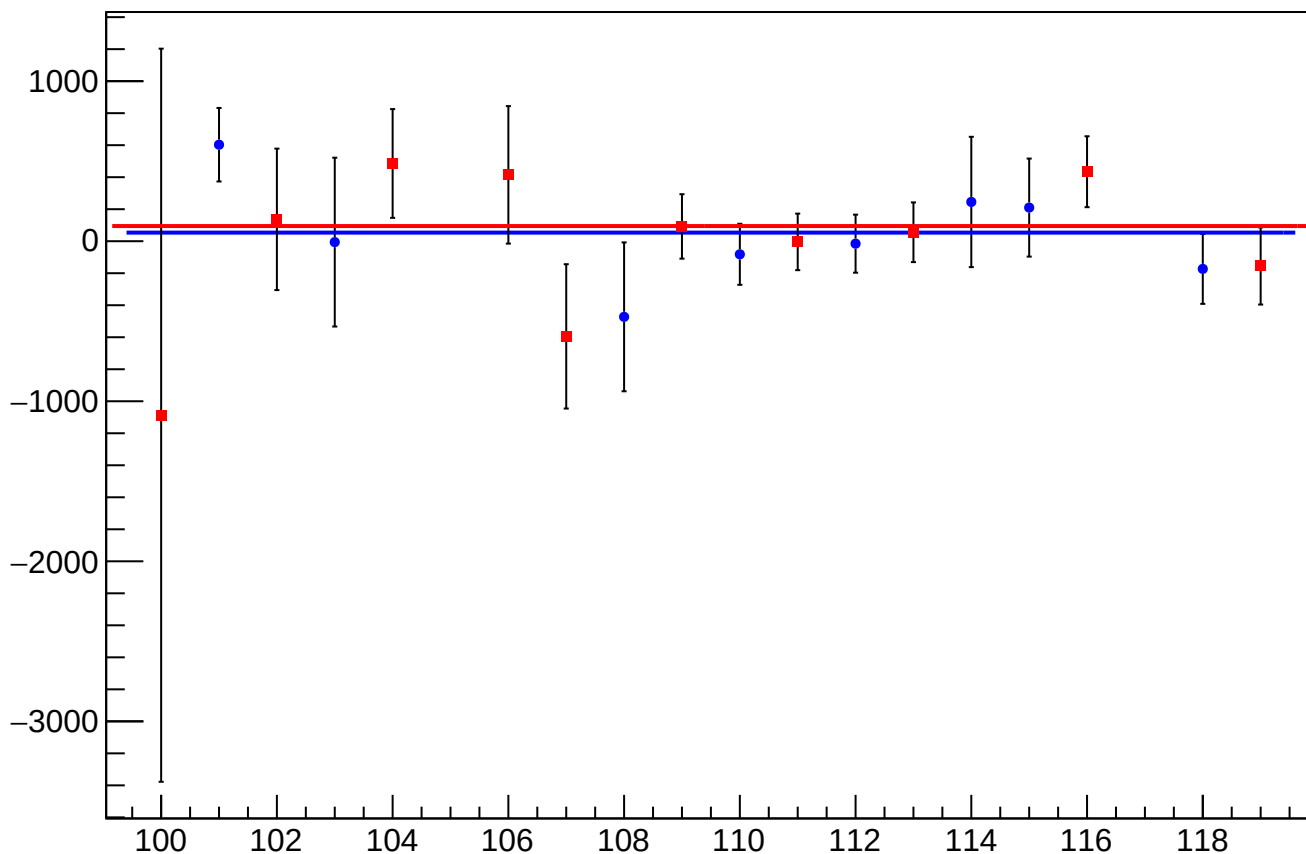
Right: 1523.335+/-0.402 χ^2/NDF : 499475.3/17

In: 1557.303+/-0.614 χ^2/NDF : 214930.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1523.335+/-0.402 χ^2/NDF : 499475.3/17

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 53.763+/-90.271 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.679+/-82.380 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

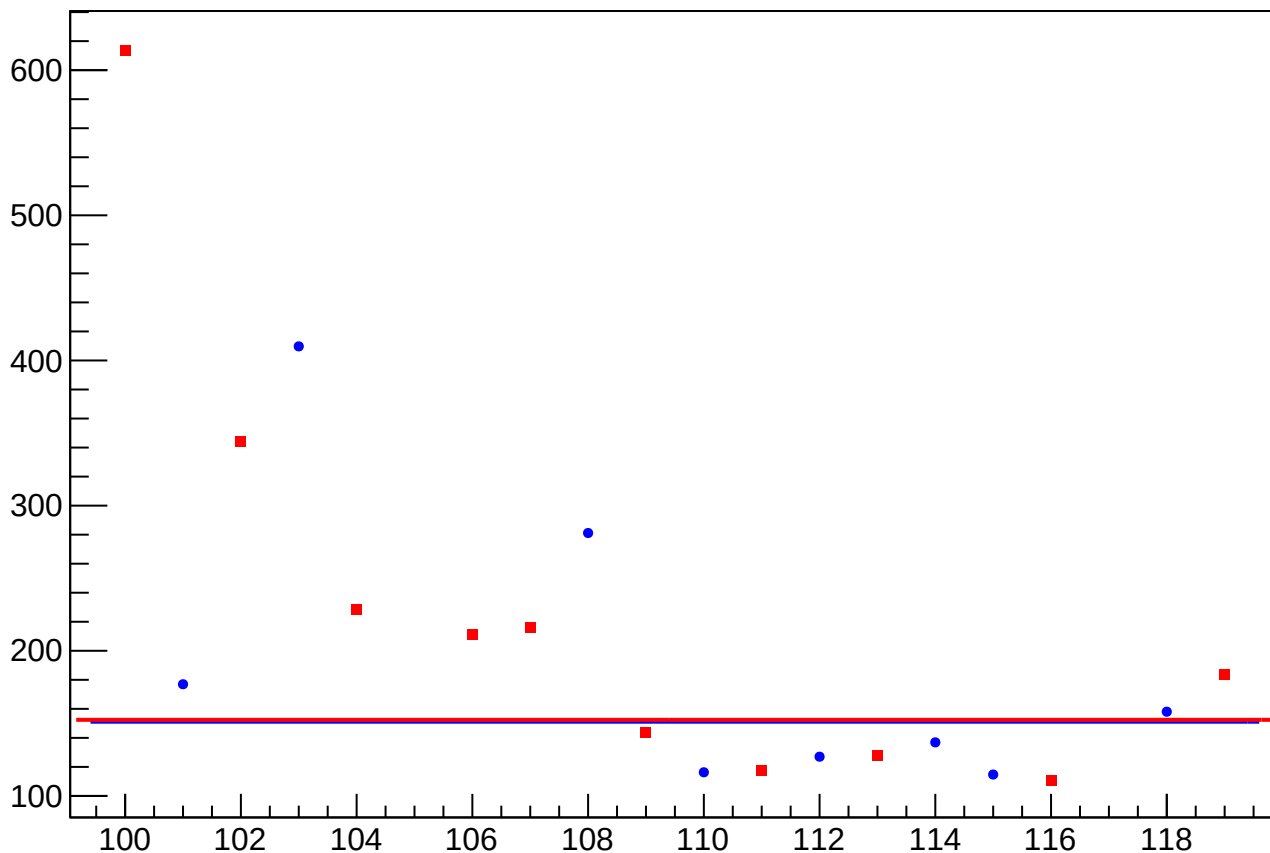
Right: 76.087+/-60.851 χ^2/NDF : 17.6/17

In: 53.763+/-90.271 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.087+/-60.851 χ^2/NDF : 17.6/17

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 151.147+/-0.064 χ^2/NDF : 796913.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.442+/-0.058 χ^2/NDF : 856931.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

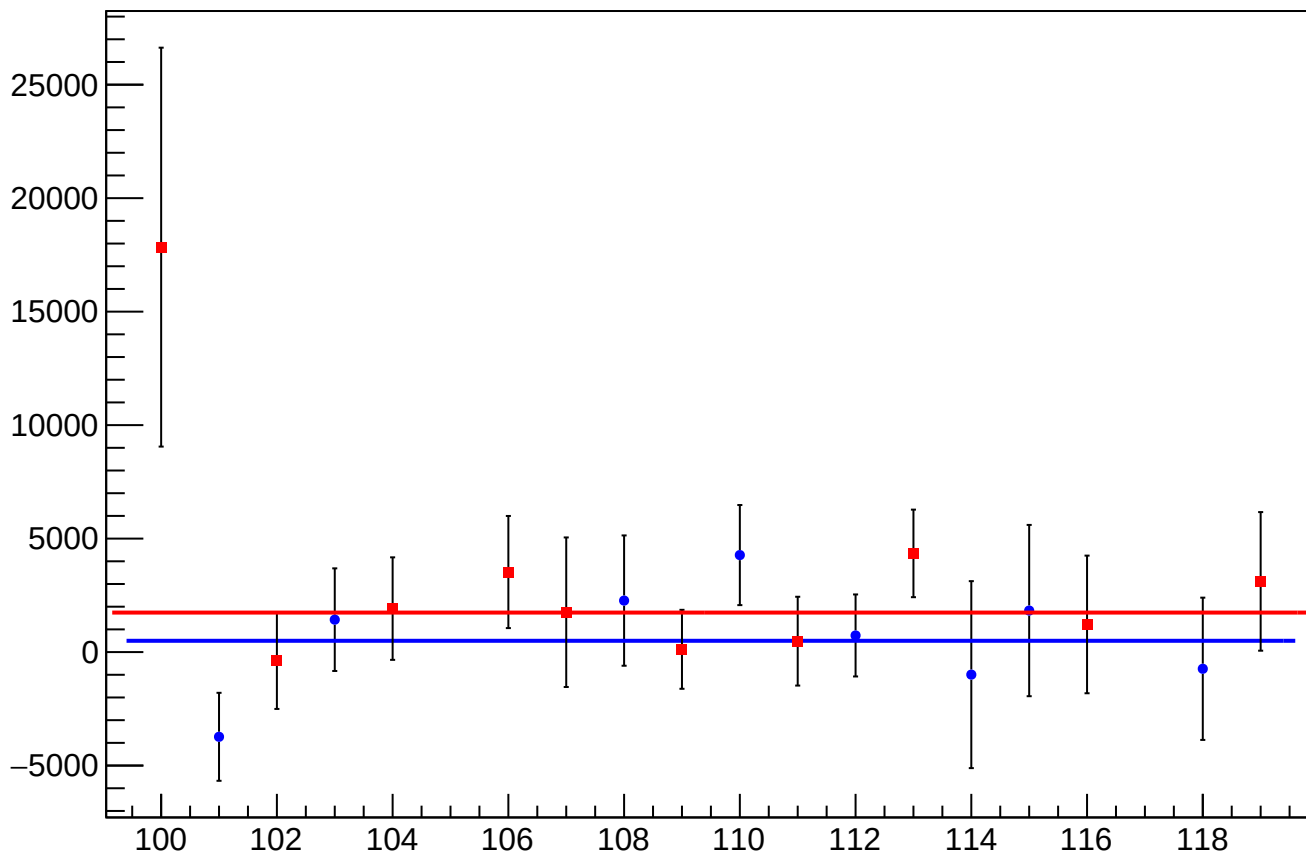
Right: 151.854+/-0.043 χ^2/NDF : 1654070.0/17

In: 151.147+/-0.064 χ^2/NDF : 796913.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.854+/-0.043 χ^2/NDF : 1654070.0/17

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 497.272+/-868.393 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1740.712+/-753.541 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

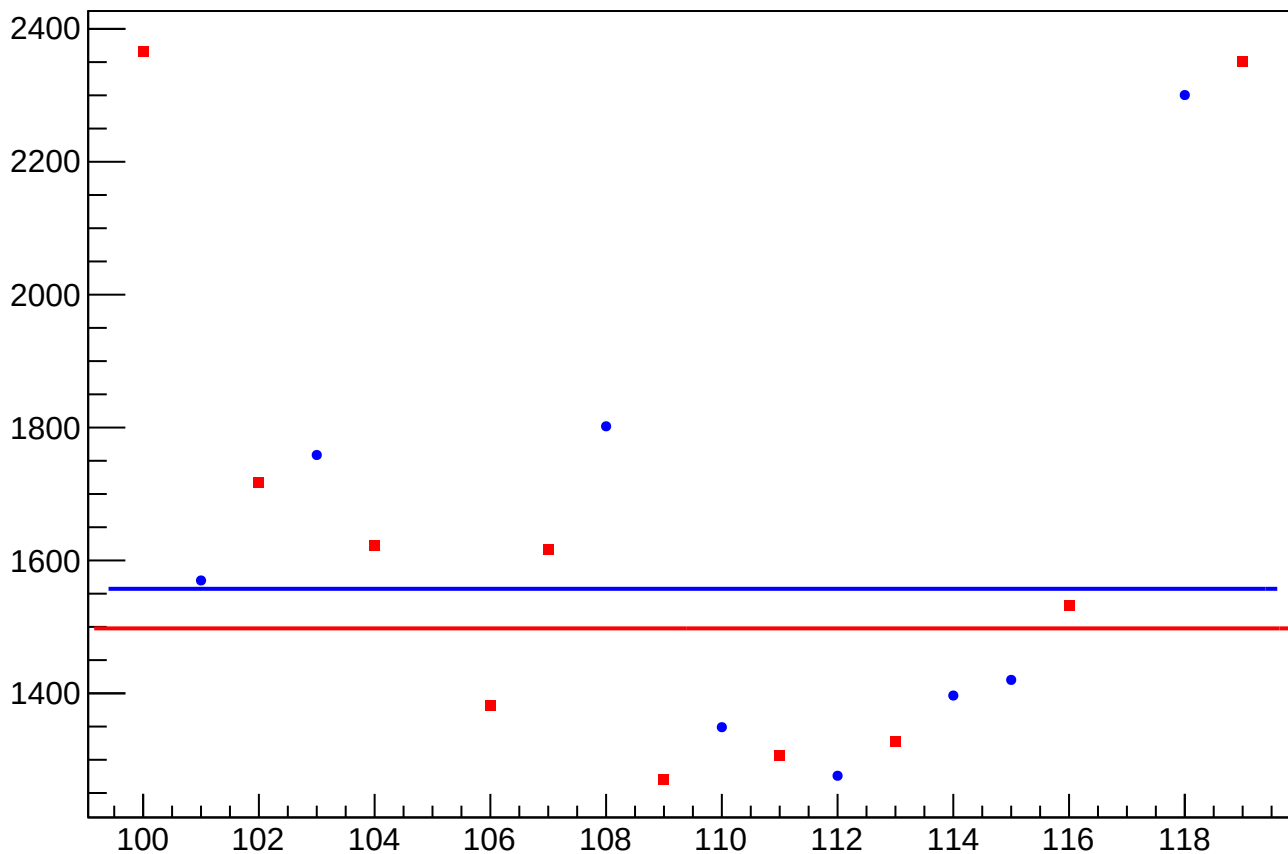
Right: 1206.603+/-569.140 χ^2/NDF : 18.1/17

In: 497.272+/-868.393 χ^2/NDF :8.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1206.603+/-569.140 χ^2/NDF : 18.1/17

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1557.300+/-0.614 χ^2/NDF : 214931.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1497.755+/-0.533 χ^2/NDF : 279180.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

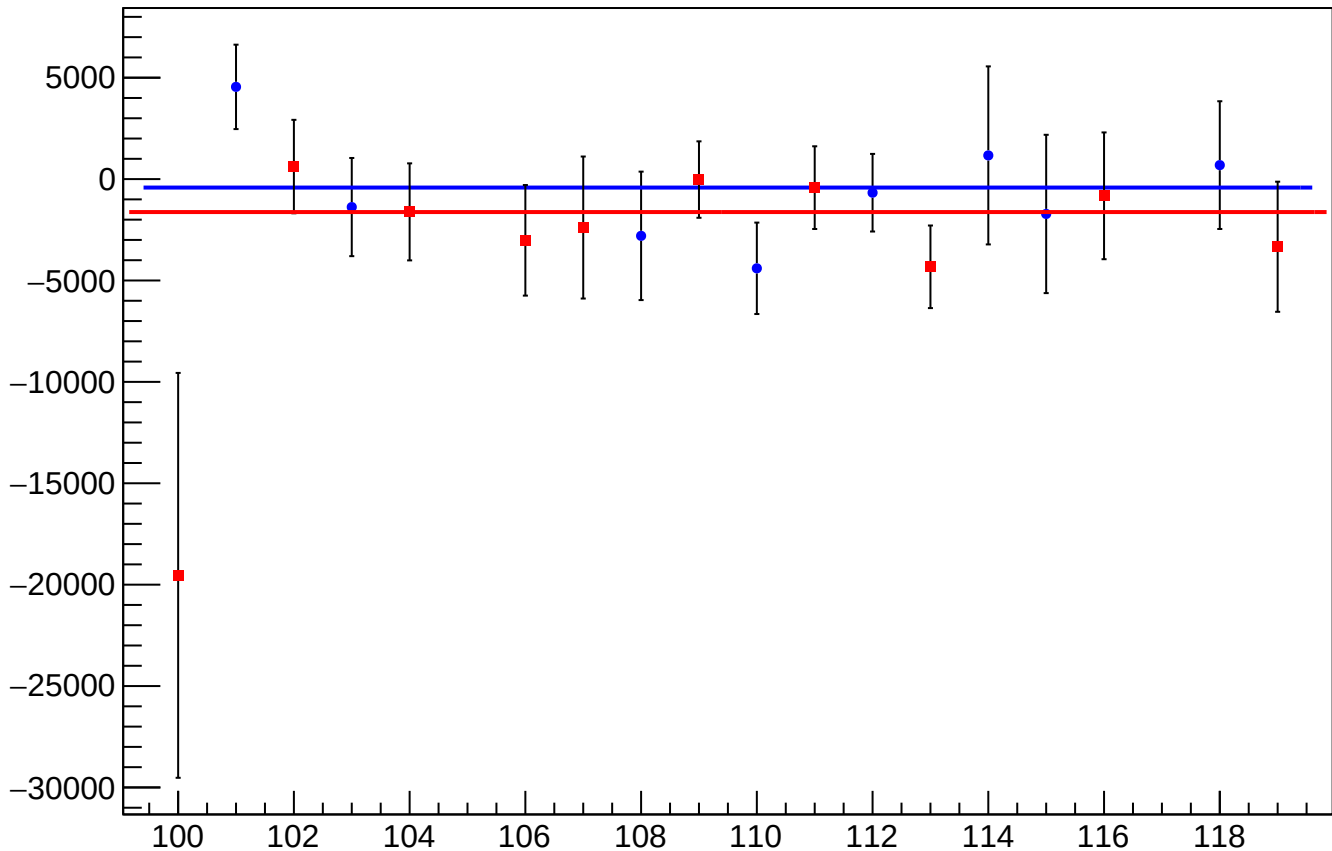
Right: 1523.332+/-0.402 χ^2/NDF : 499476.2/17

In: 1557.300+/-0.614 χ^2/NDF :214931.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1523.332+/-0.402 χ^2/NDF : 499476.2/17

asym_sam3_mean vs Slug, Sign Corrected



Right In: -417.414+/-916.969 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1625.489+/-802.751 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

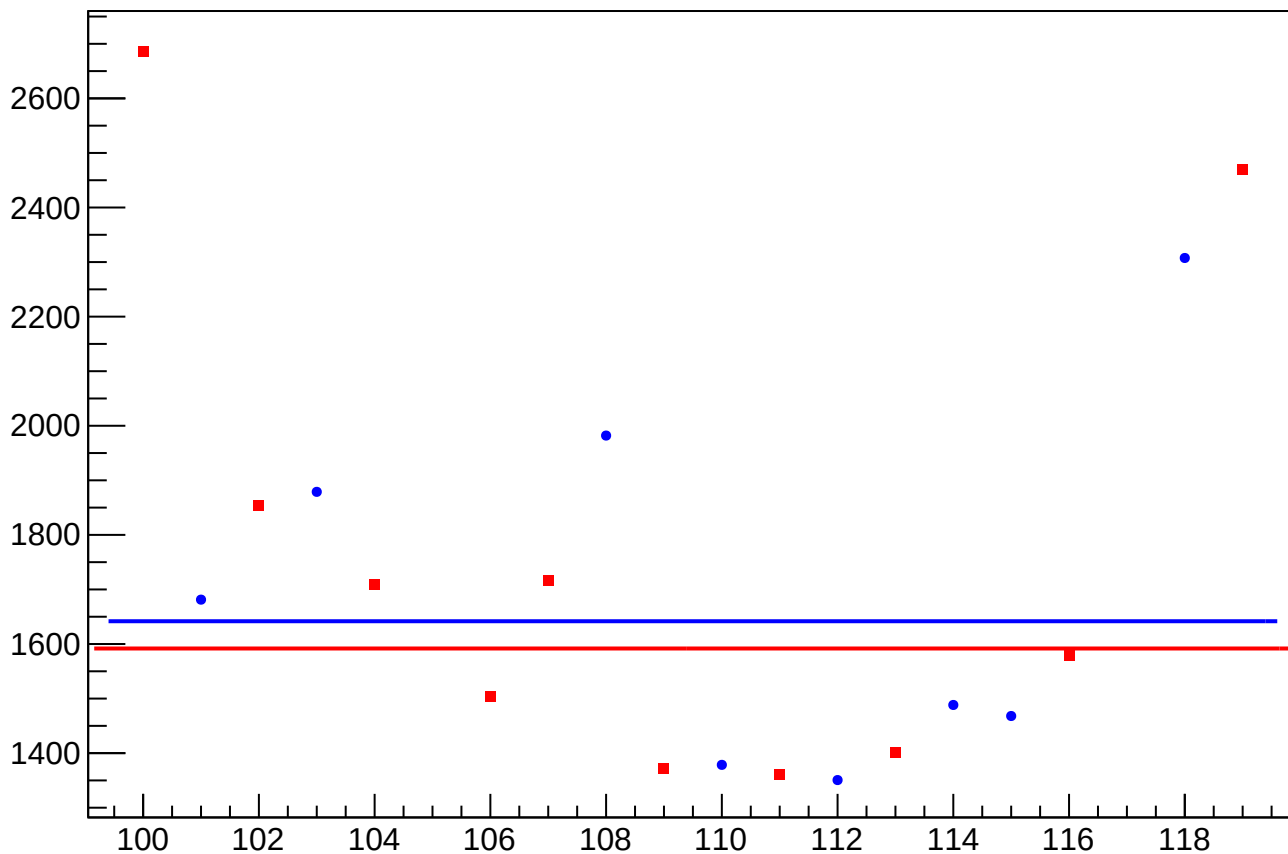
Right: -1101.335+/-604.000 χ^2/NDF : 18.6/17

In: -417.414+/-916.969 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1101.335+/-604.000 χ^2/NDF : 18.6/17

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1641.750+/-0.648 χ^2/NDF : 212299.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.782+/-0.568 χ^2/NDF : 279543.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

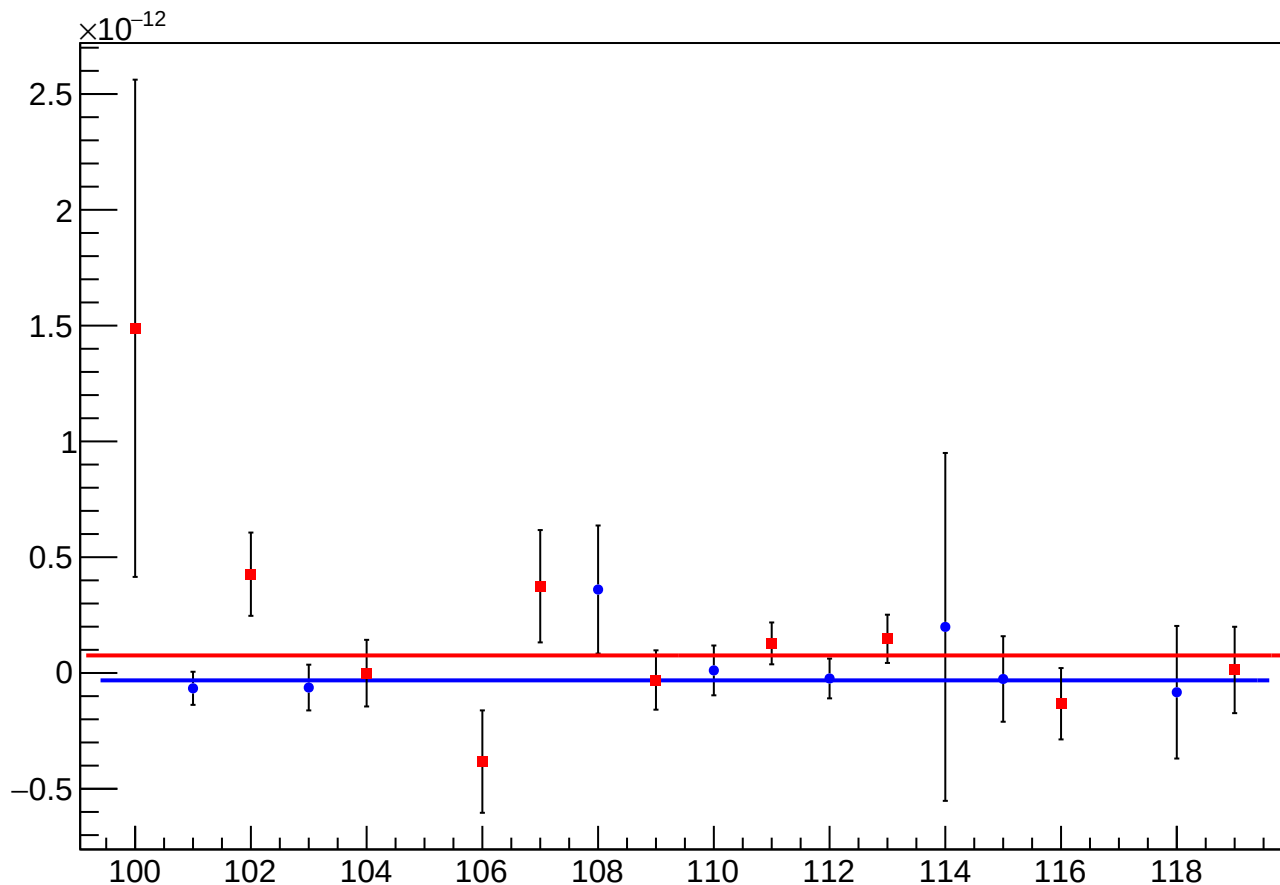
Right: 1613.462+/-0.427 χ^2/NDF : 495205.6/17

In: 1641.750+/-0.648 χ^2/NDF : 212299.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1613.462+/-0.427 χ^2/NDF : 495205.6/17

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

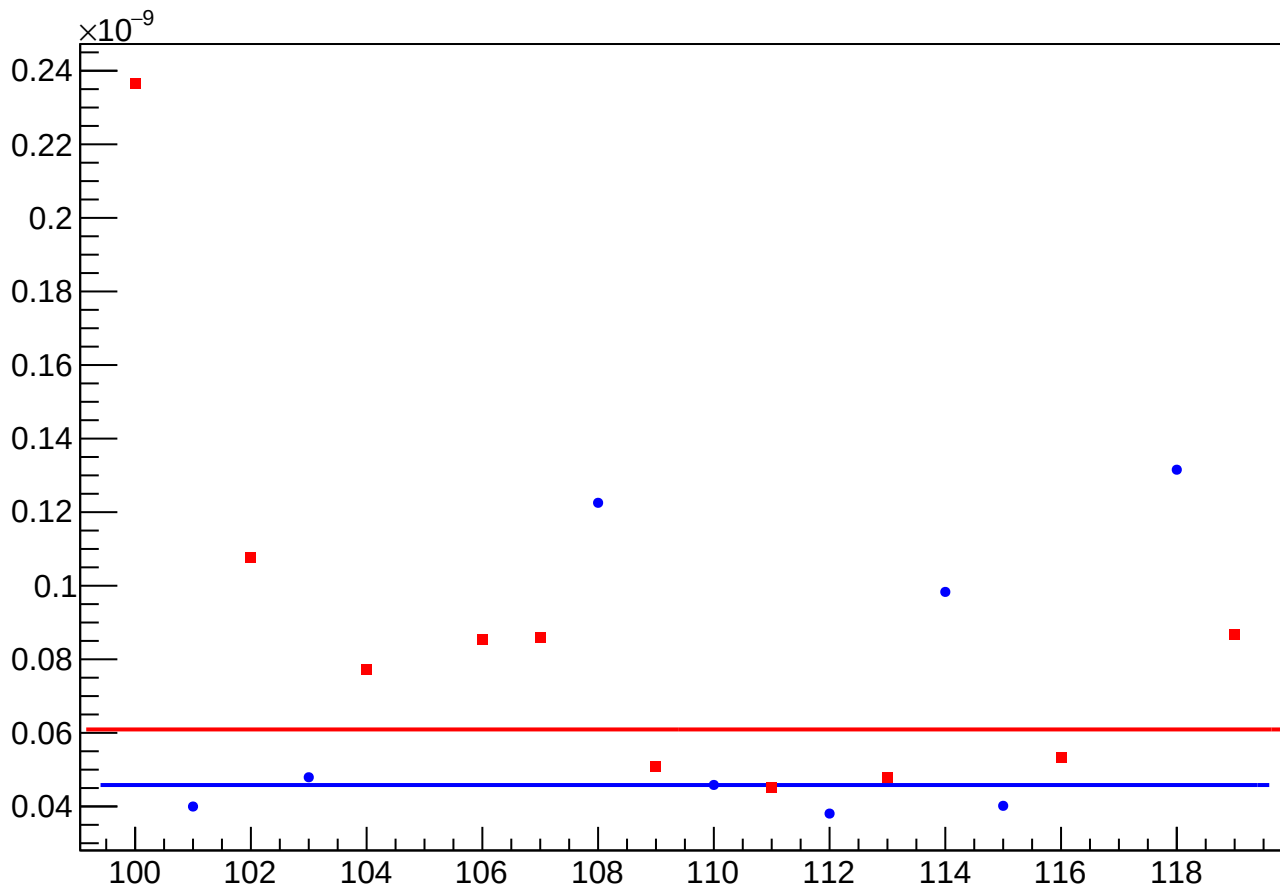
Right: 0.000+/-0.000 χ^2/NDF : 20.7/17

In: -0.000+/-0.000 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.7/17

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 375529.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 407674.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

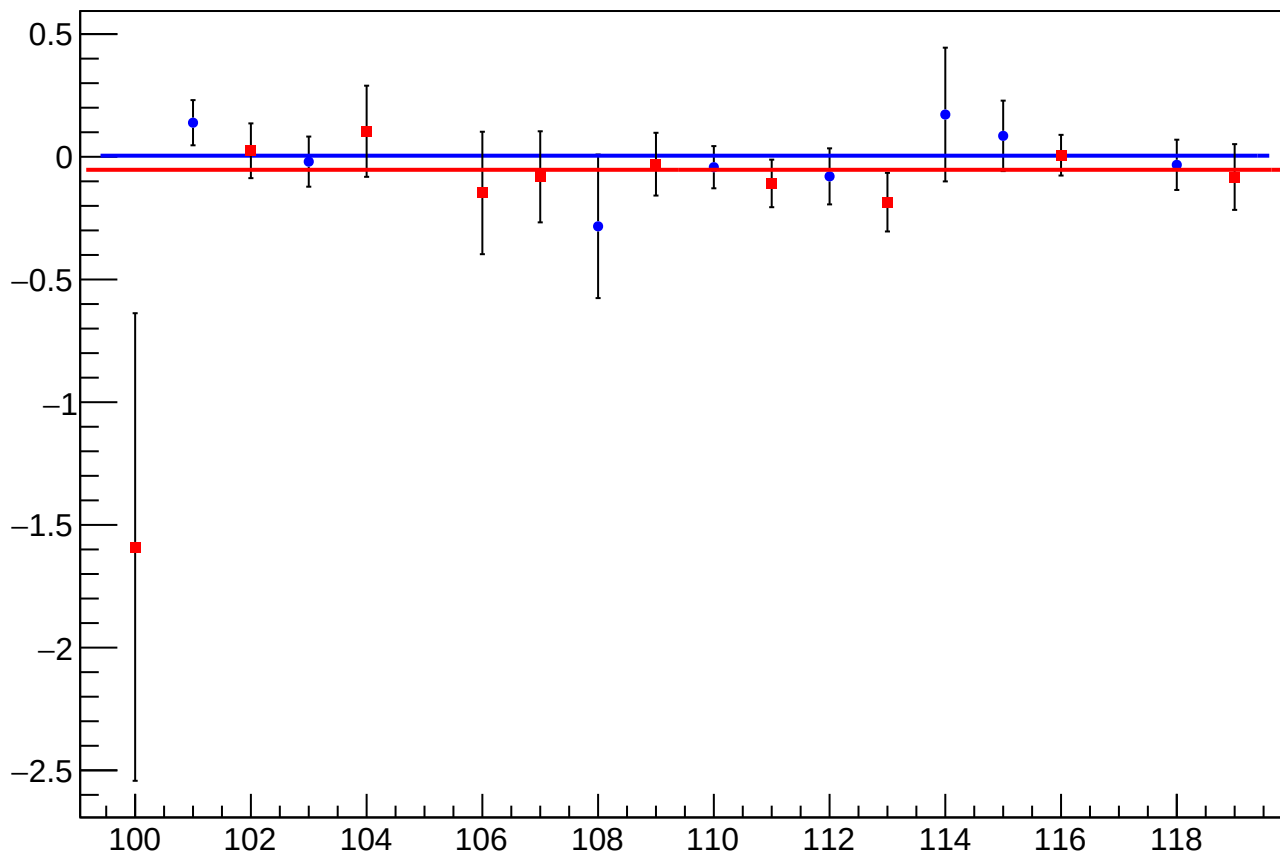
Right: 0.000+/-0.000 χ^2/NDF : 900627.0/17

In: 0.000+/-0.000 χ^2/NDF : 375529.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 900627.0/17

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.041 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.041 χ^2 /NDF: 6.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

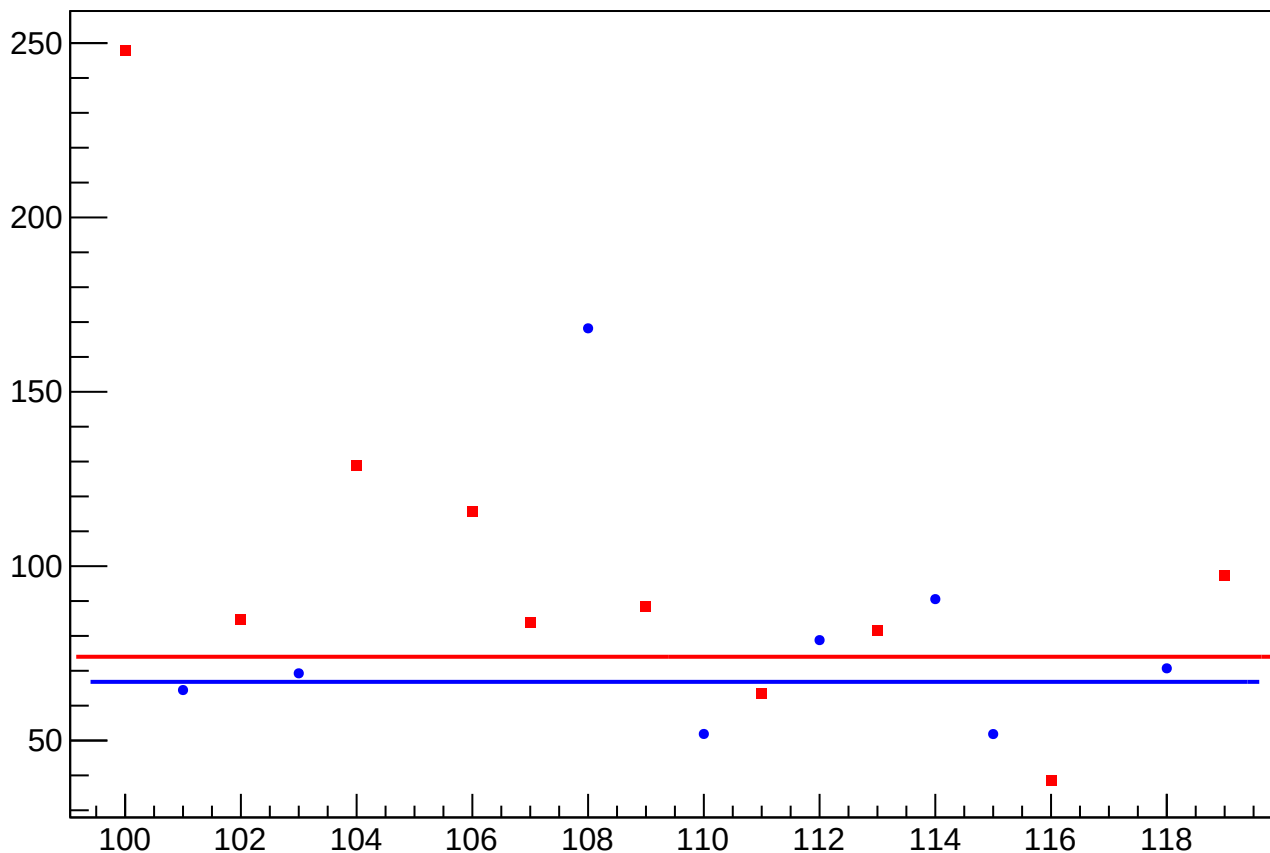
Right: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

In: 0.004 $\pm$ 0.041 χ^2 /NDF:4.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.827+/-0.029 χ^2/NDF : 364928.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.023+/-0.029 χ^2/NDF : 805913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

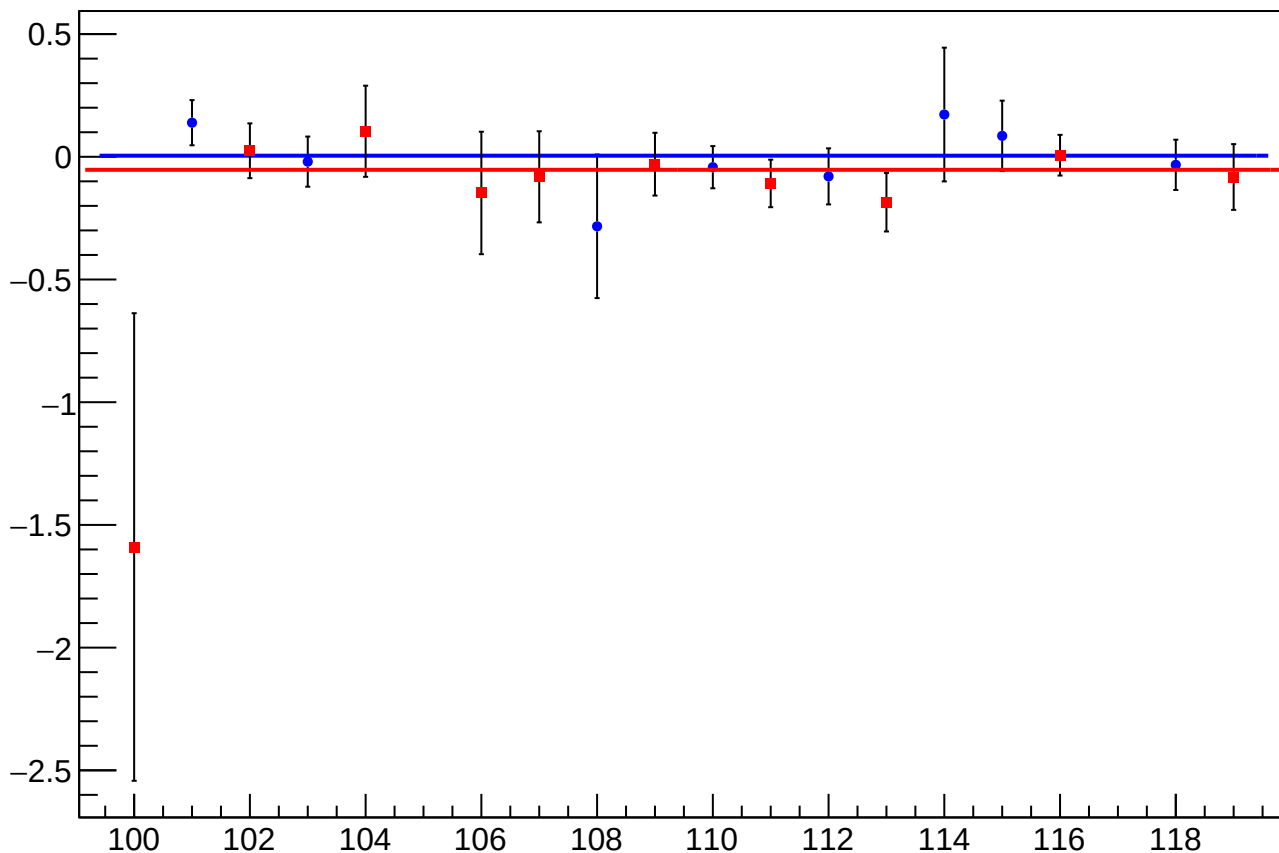
Right: 70.424+/-0.021 χ^2/NDF : 1201637.3/17

In: 66.827+/-0.029 χ^2/NDF : 364928.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.424+/-0.021 χ^2/NDF : 1201637.3/17

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.041 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.053 $\pm$ 0.041 χ^2 /NDF: 6.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

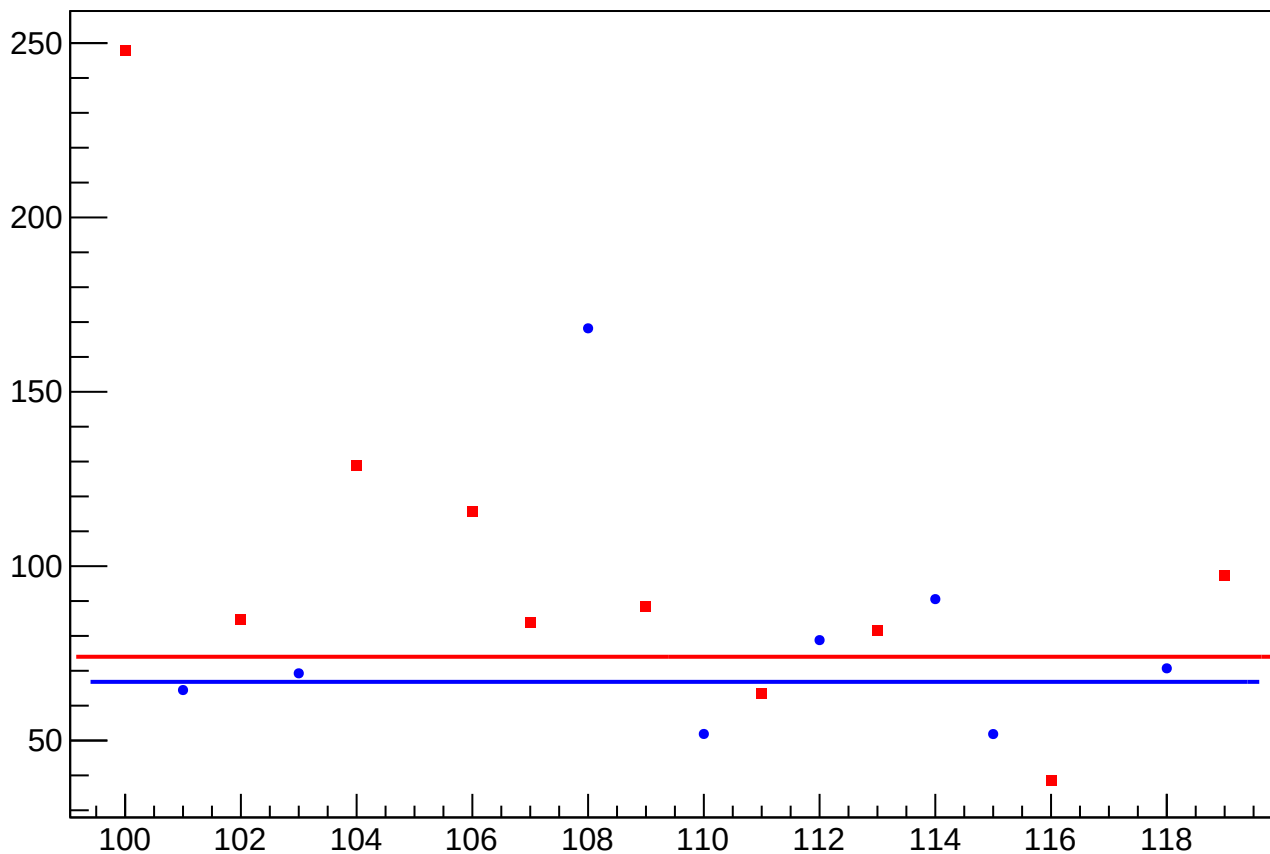
Right: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

In: 0.004 $\pm$ 0.041 χ^2 /NDF:4.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.827+/-0.029 χ^2/NDF : 364928.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.023+/-0.029 χ^2/NDF : 805913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

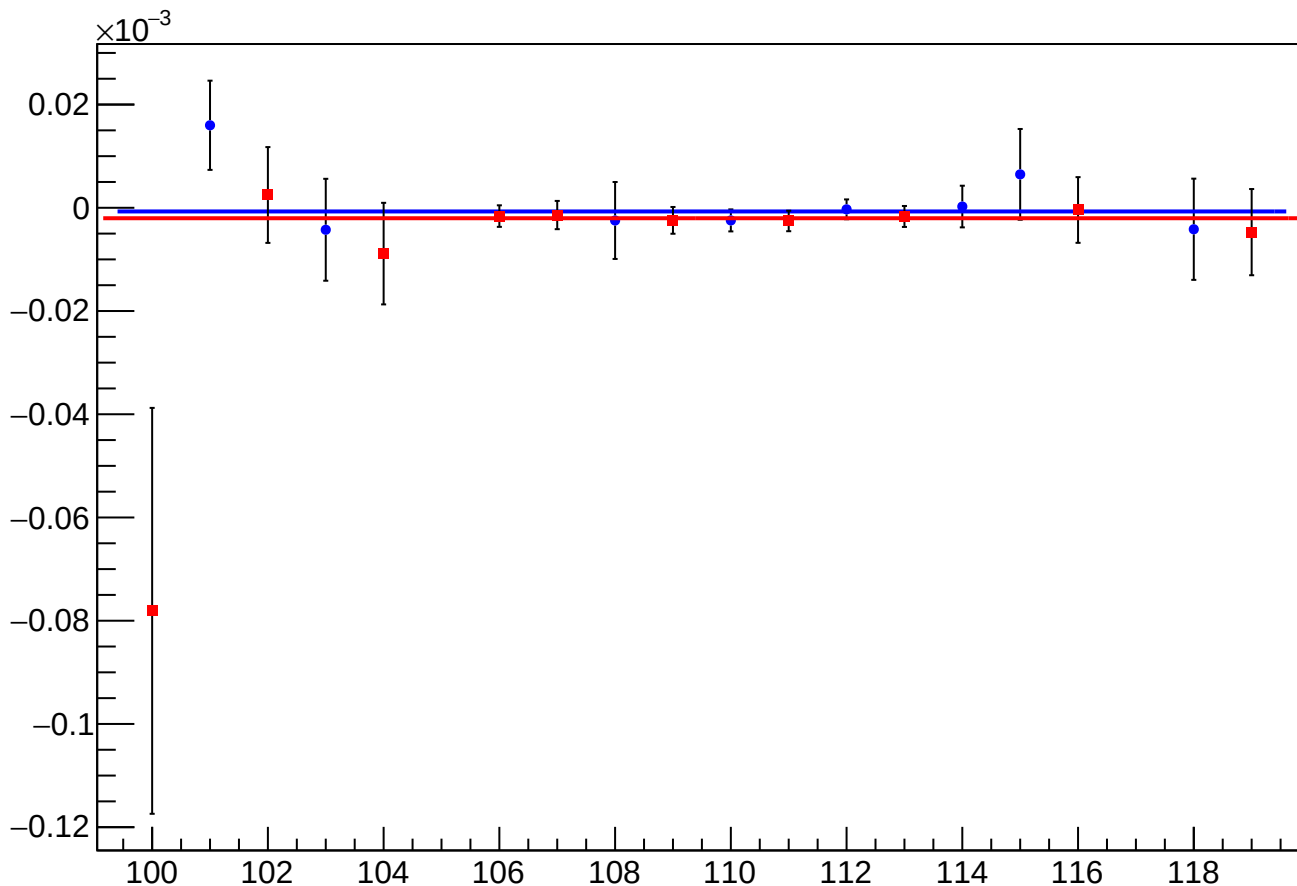
Right: 70.424+/-0.021 χ^2/NDF : 1201637.3/17

In: 66.827+/-0.029 χ^2/NDF : 364928.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.424+/-0.021 χ^2/NDF : 1201637.3/17

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

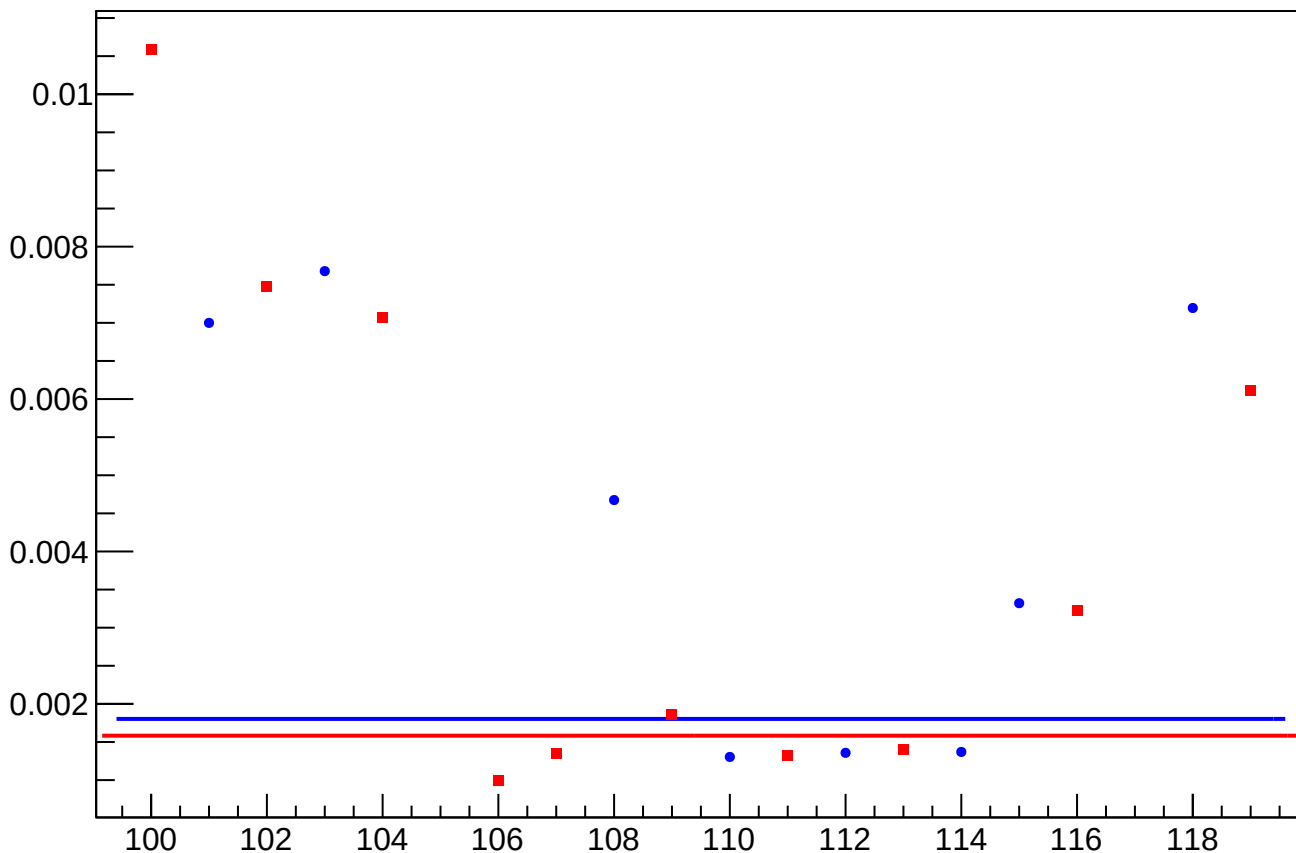
Right: -0.000+/-0.000 χ^2/NDF : 11.0/17

In: -0.000+/-0.000 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.0/17

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2633564.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2501534.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

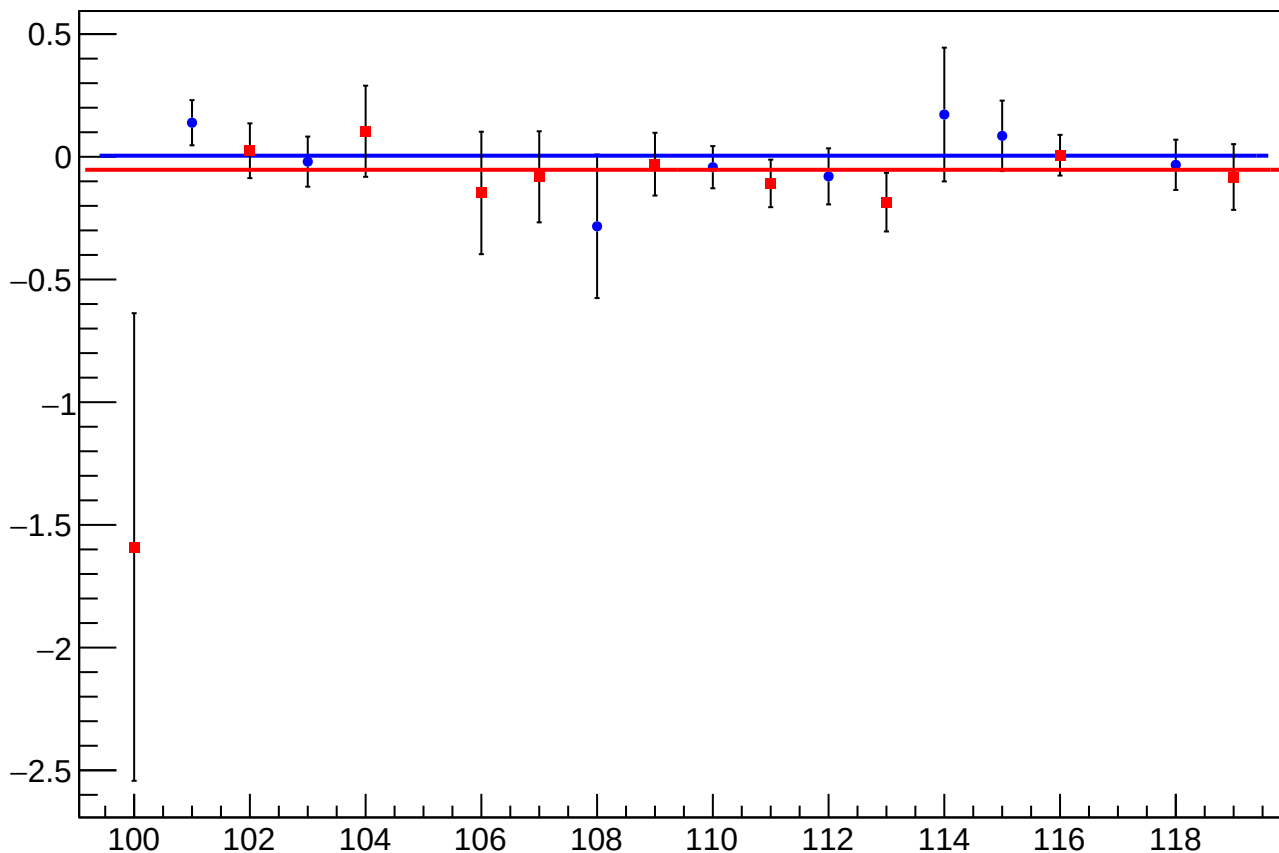
Right: 0.002+/-0.000 χ^2/NDF : 5173071.9/17

In: 0.002+/-0.000 χ^2/NDF :2633564.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5173071.9/17

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.041 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.053 $\pm$ 0.041 χ^2 /NDF: 6.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

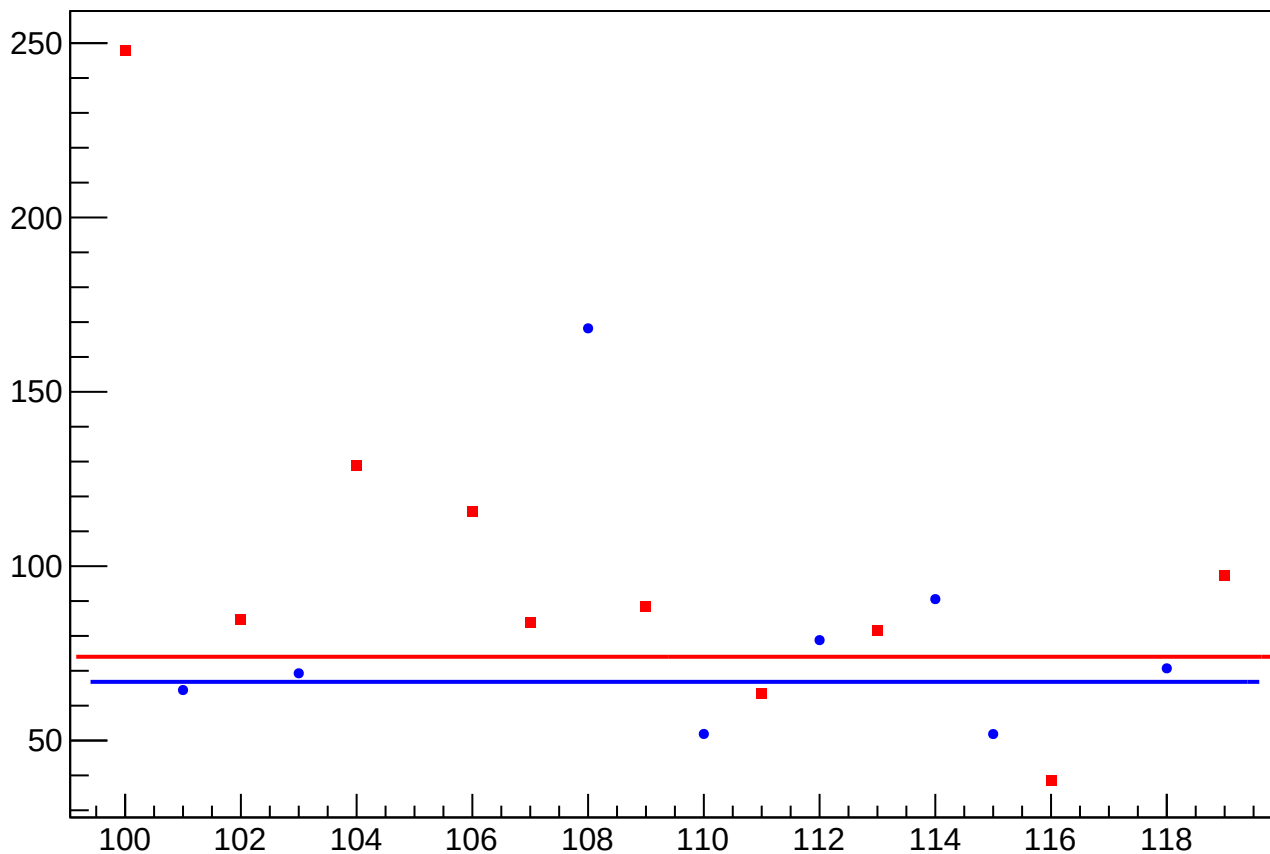
Right: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

In: 0.004 $\pm$ 0.041 χ^2 /NDF: 4.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.029 χ^2 /NDF: 11.9/17

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.830+/-0.029 χ^2/NDF : 364921.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.024+/-0.029 χ^2/NDF : 805911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

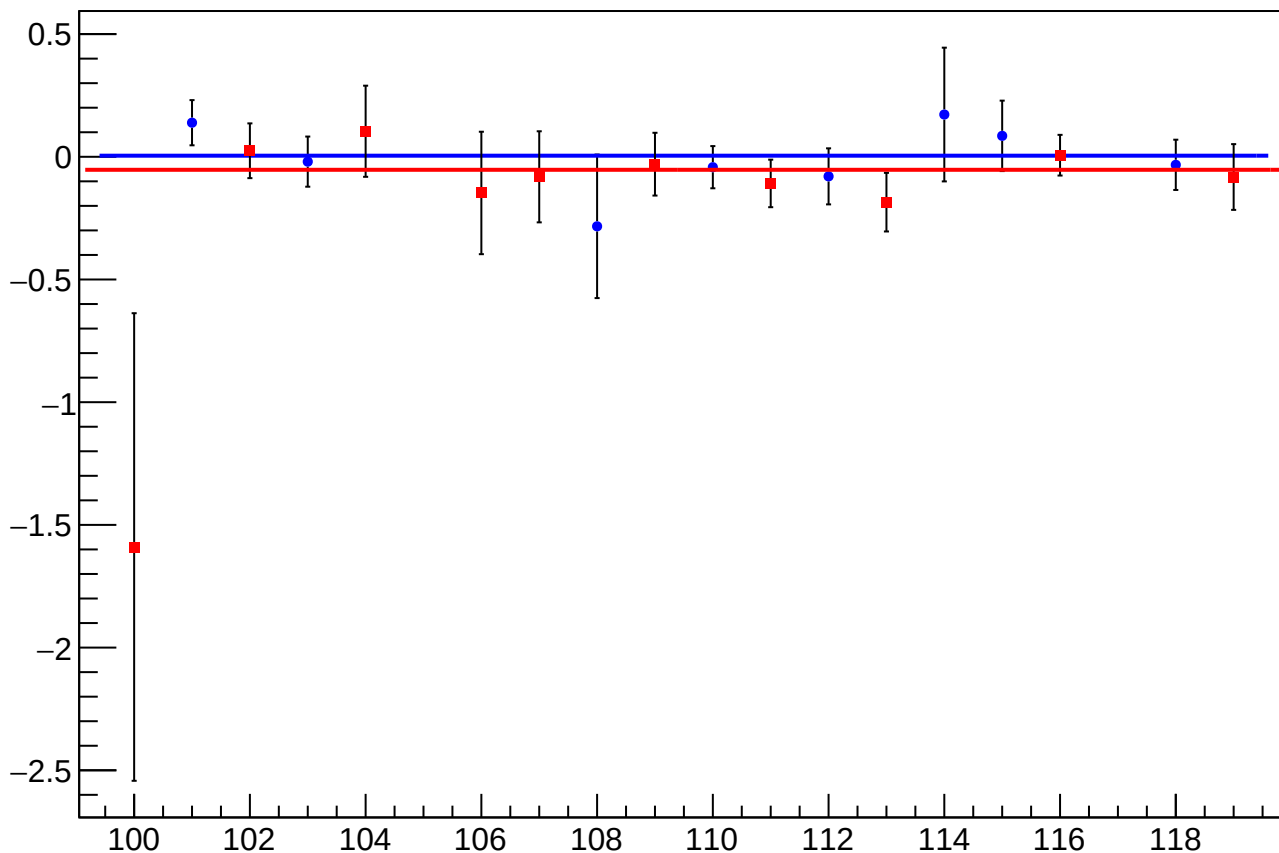
Right: 70.427+/-0.021 χ^2/NDF : 1201615.5/17

In: 66.830+/-0.029 χ^2/NDF : 364921.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.427+/-0.021 χ^2/NDF : 1201615.5/17

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.041 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.053+/-0.041 χ^2/NDF : 6.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

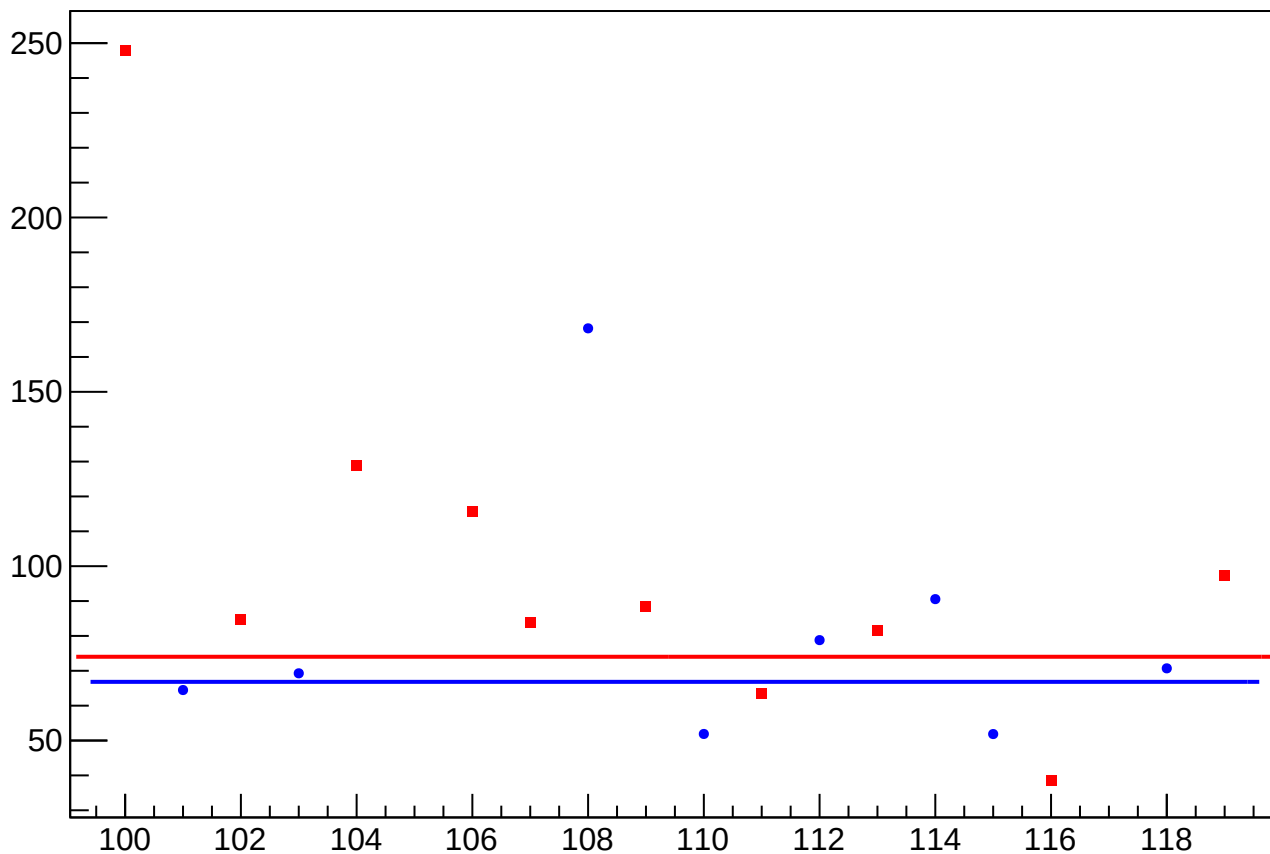
Right: -0.024+/-0.029 χ^2/NDF : 11.9/17

In: 0.004+/-0.041 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.024+/-0.029 χ^2/NDF : 11.9/17

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.830+/-0.029 χ^2/NDF : 364921.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.024+/-0.029 χ^2/NDF : 805911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

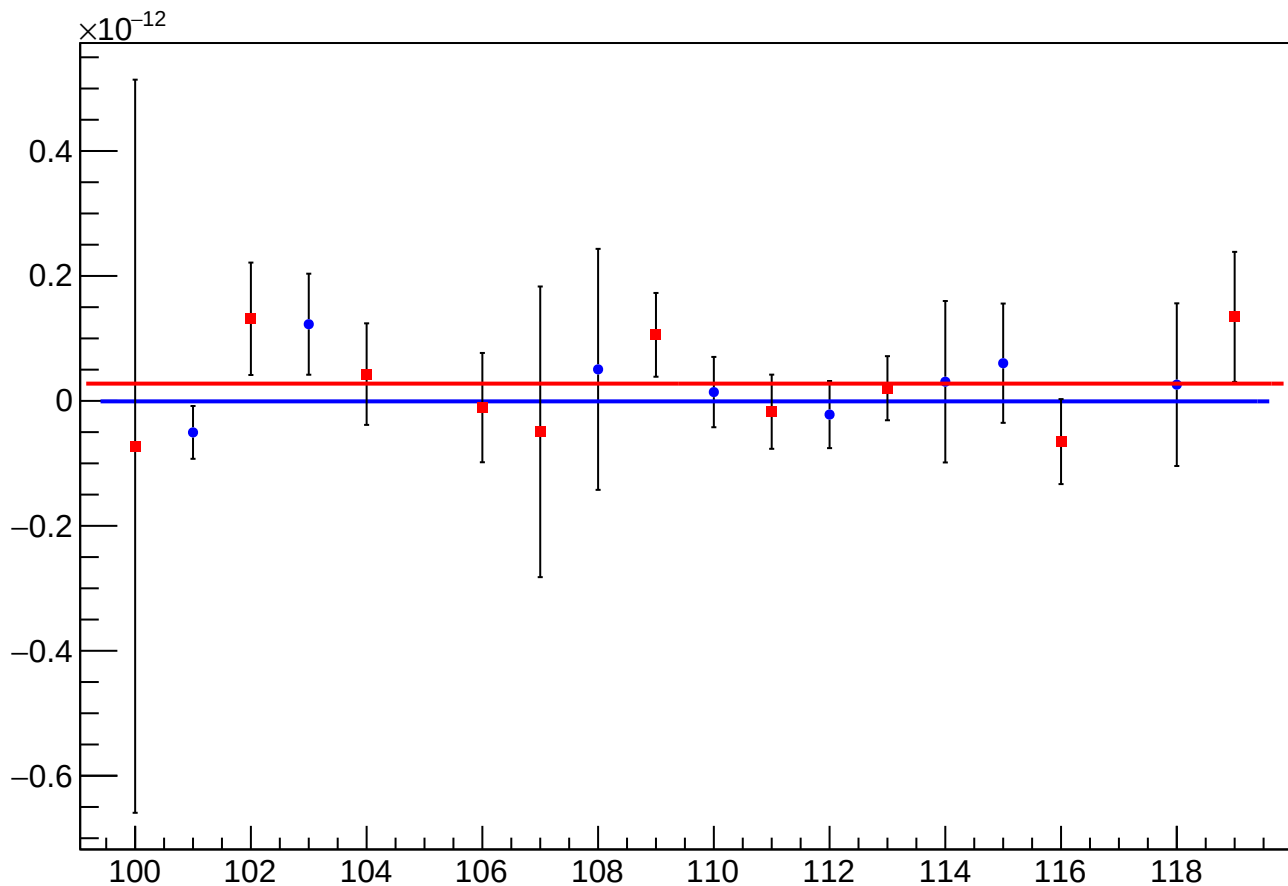
Right: 70.427+/-0.021 χ^2/NDF : 1201615.5/17

In: 66.830+/-0.029 χ^2/NDF : 364921.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.427+/-0.021 χ^2/NDF : 1201615.5/17

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

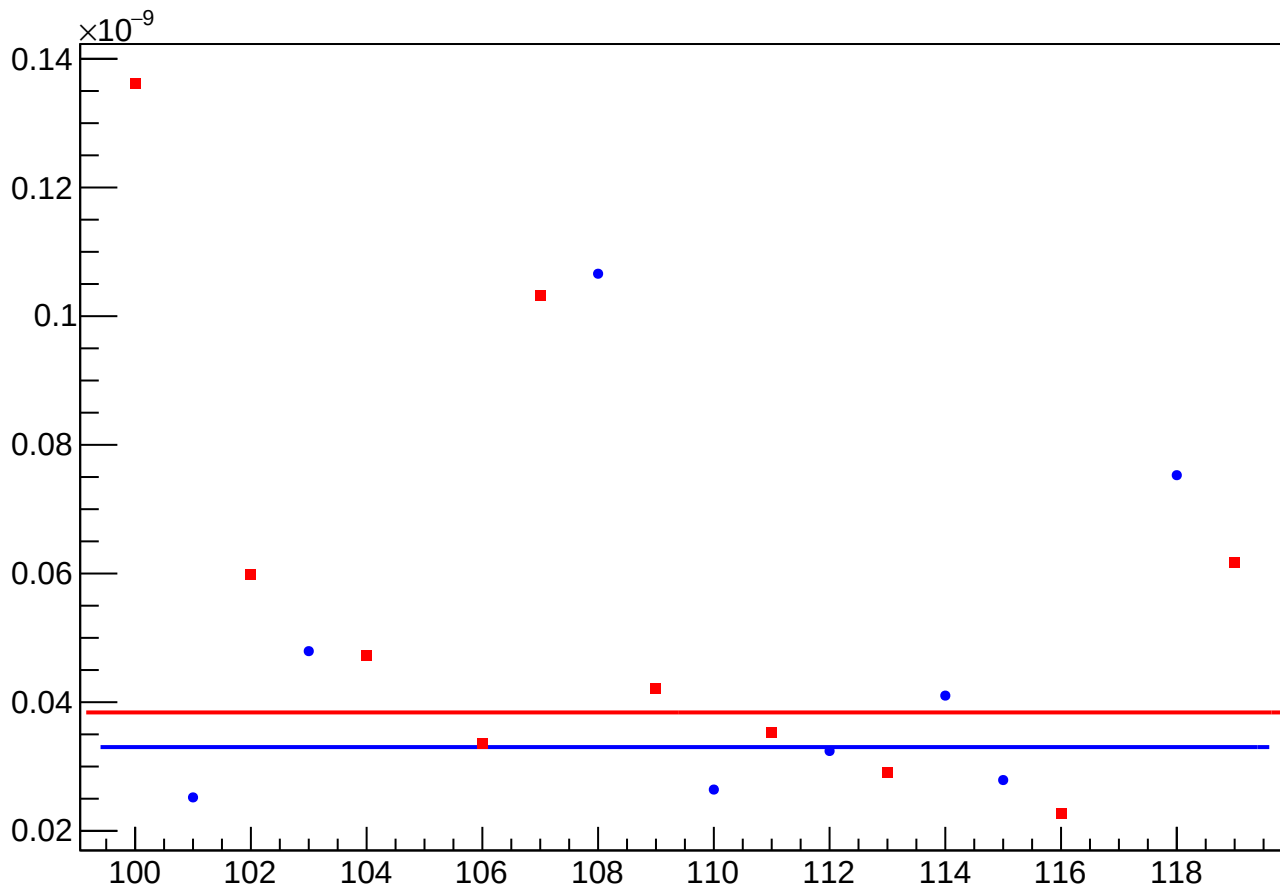
Right: 0.000+/-0.000 χ^2/NDF : 11.7/17

In: -0.000+/-0.000 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/17

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 679443.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 638187.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

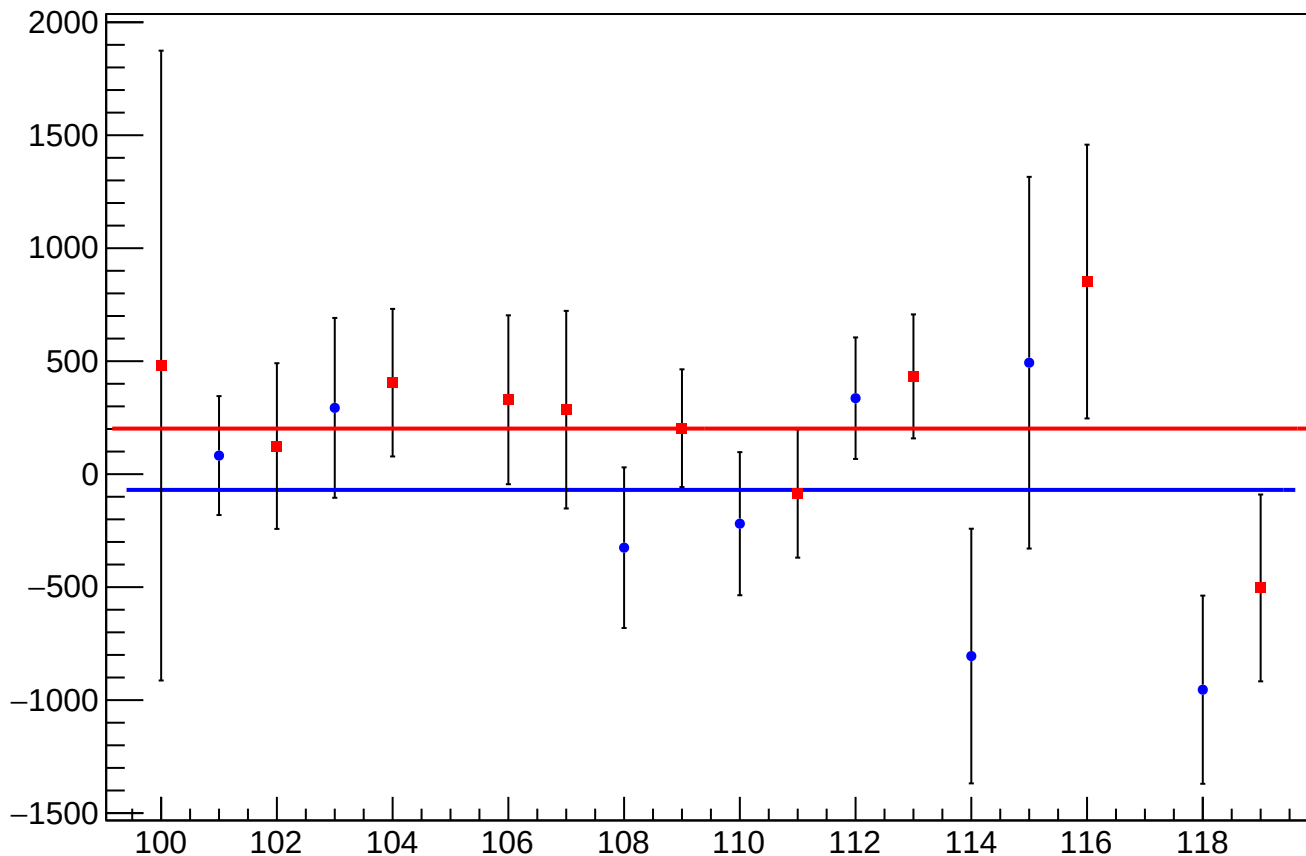
Right: 0.000+/-0.000 χ^2/NDF : 1364796.8/17

In: 0.000+/-0.000 χ^2/NDF : 679443.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1364796.8/17

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -69.632 $\pm$ 126.128 χ^2 /NDF: 10.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 201.769 $\pm$ 112.721 χ^2 /NDF: 6.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

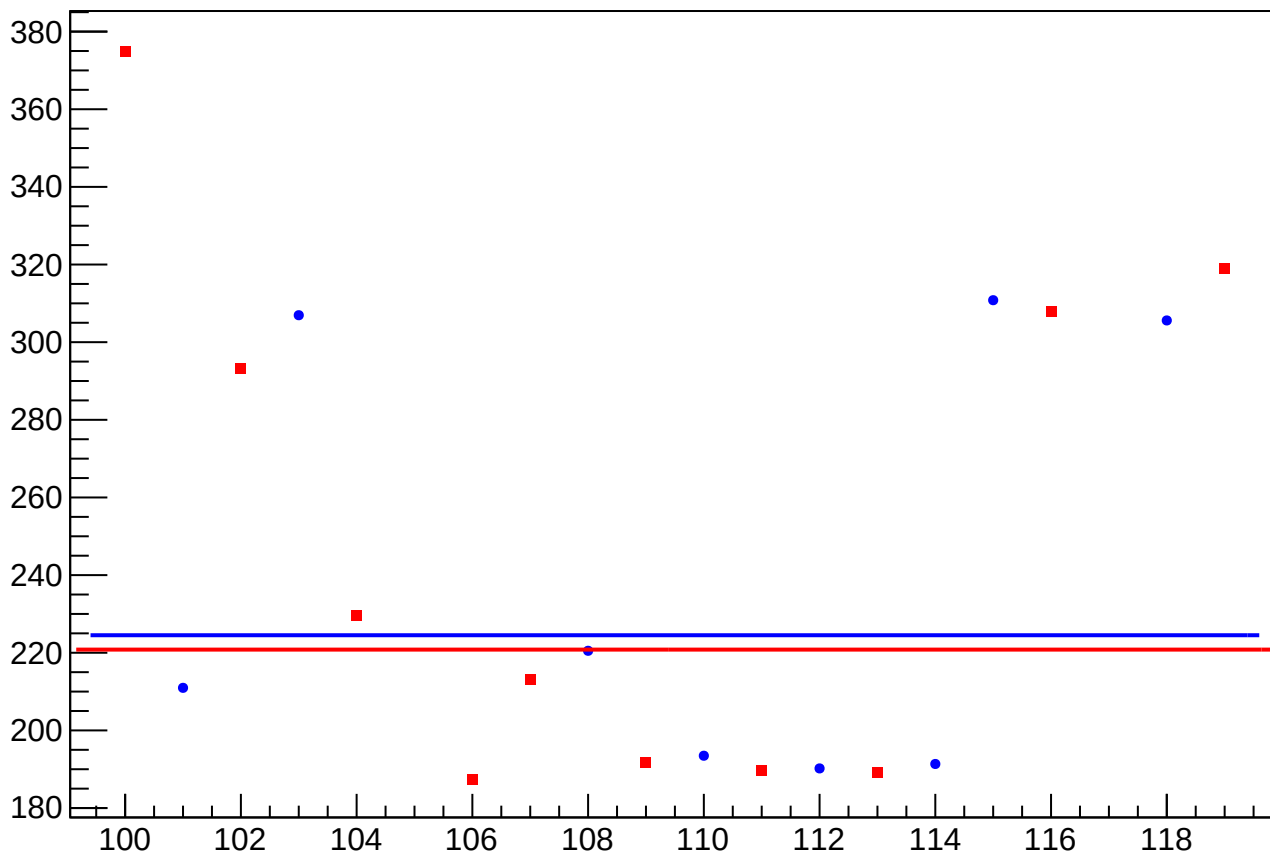
Right: 81.255 $\pm$ 84.048 χ^2 /NDF: 19.9/17

In: -69.632 $\pm$ 126.128 χ^2 /NDF: 10.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.255 $\pm$ 84.048 χ^2 /NDF: 19.9/17

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.515+/-0.089 χ^2/NDF : 247892.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.814+/-0.080 χ^2/NDF : 349983.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

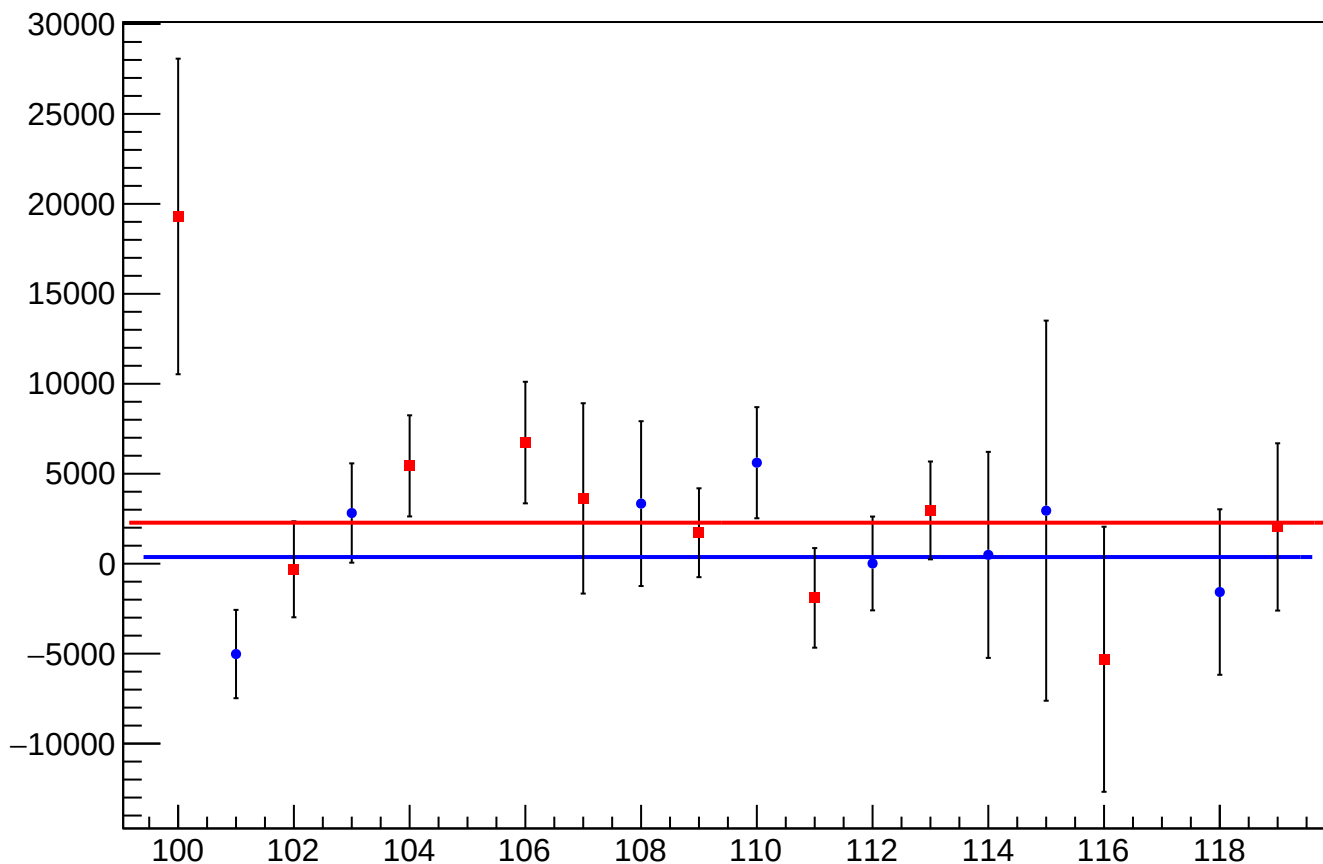
Right: 222.457+/-0.059 χ^2/NDF : 598833.4/17

In: 224.515+/-0.089 χ^2/NDF : 247892.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.457+/-0.059 χ^2/NDF : 598833.4/17

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: 369.088+/-1209.505 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2278.396+/-1055.376 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

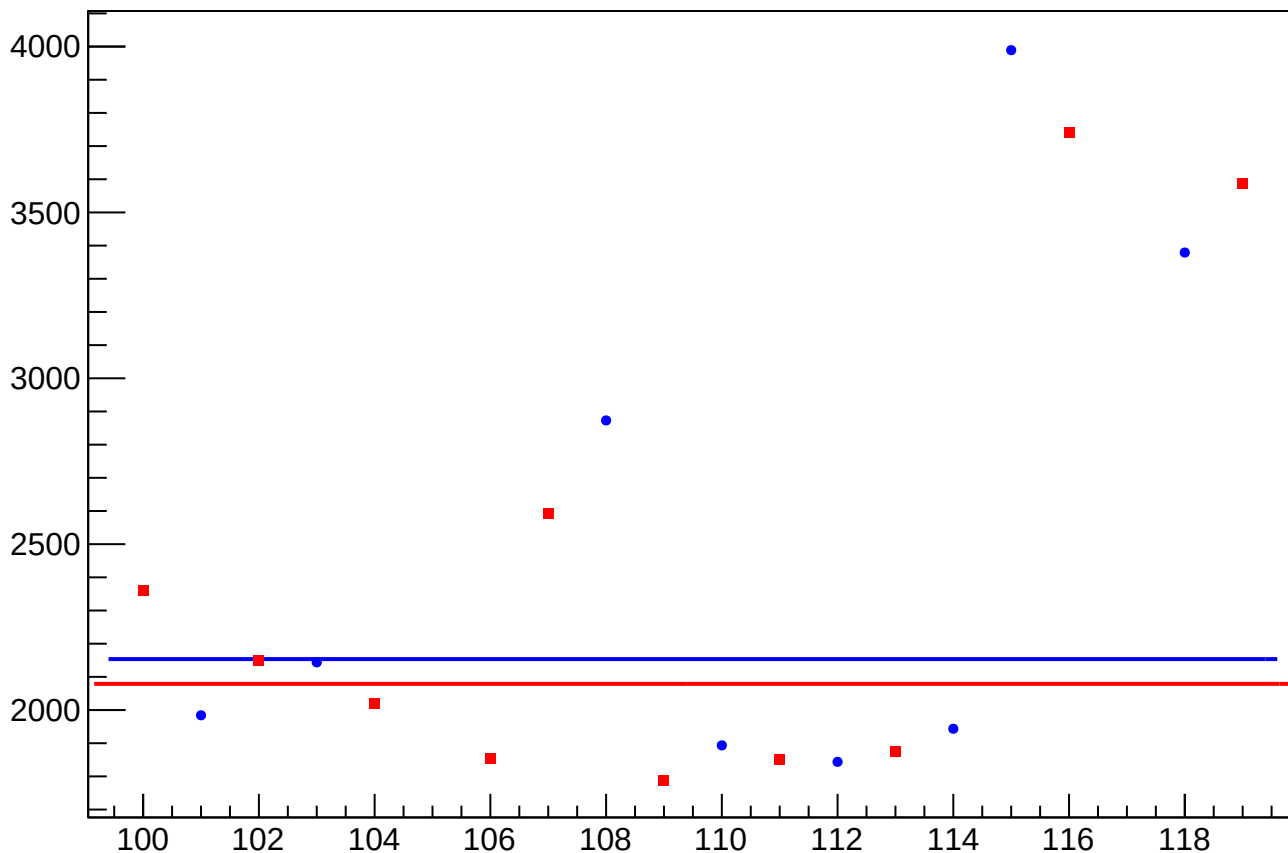
Right: 1453.074+/-795.209 χ^2/NDF : 21.8/17

In: 369.088+/-1209.505 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.074+/-795.209 χ^2/NDF : 21.8/17

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2153.596+/-0.855 χ^2/NDF : 306304.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2078.914+/-0.746 χ^2/NDF : 396970.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

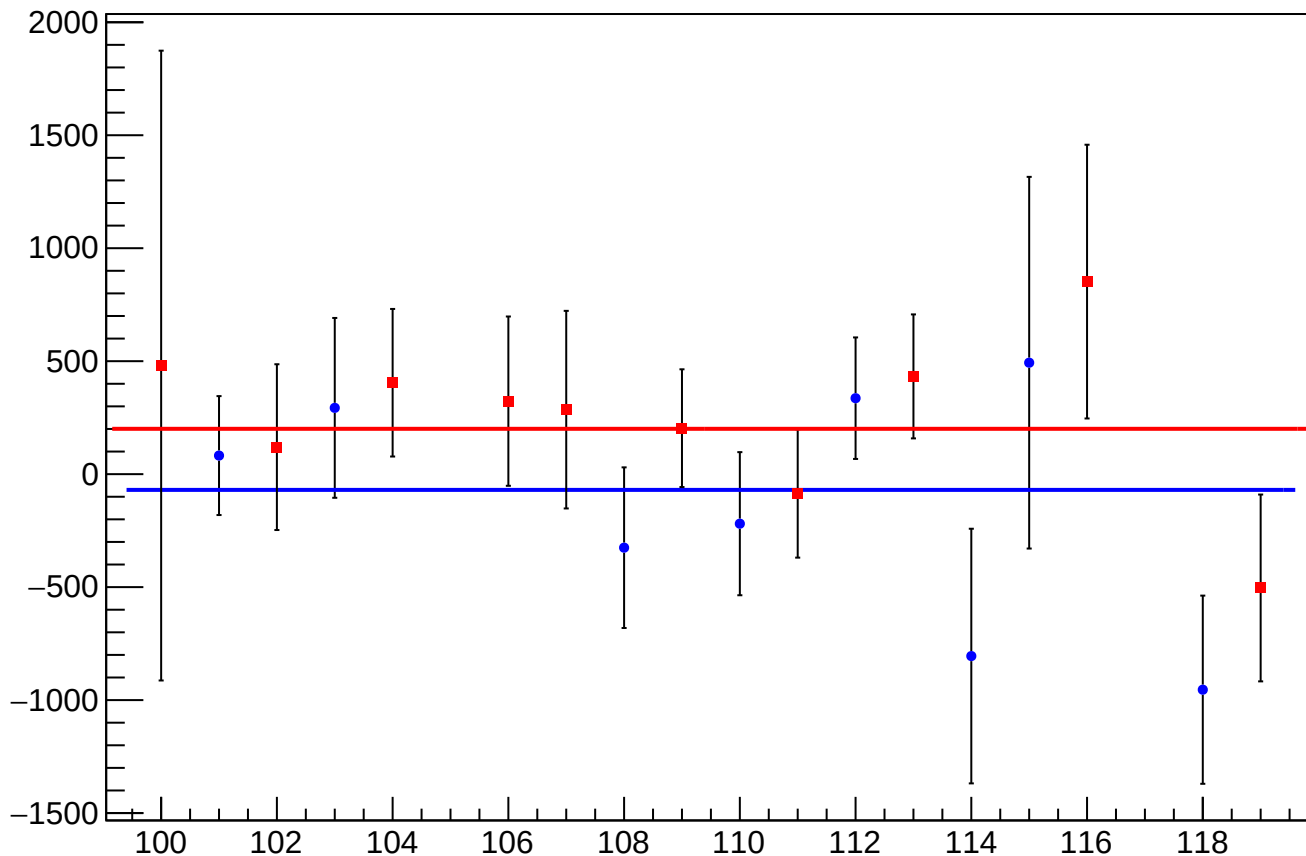
Right: 2111.196+/-0.562 χ^2/NDF : 707604.1/17

In: 2153.596+/-0.855 χ^2/NDF : 306304.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2111.196+/-0.562 χ^2/NDF : 707604.1/17

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -69.682 ± 126.128 χ^2/NDF : 10.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 200.661 ± 112.750 χ^2/NDF : 6.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

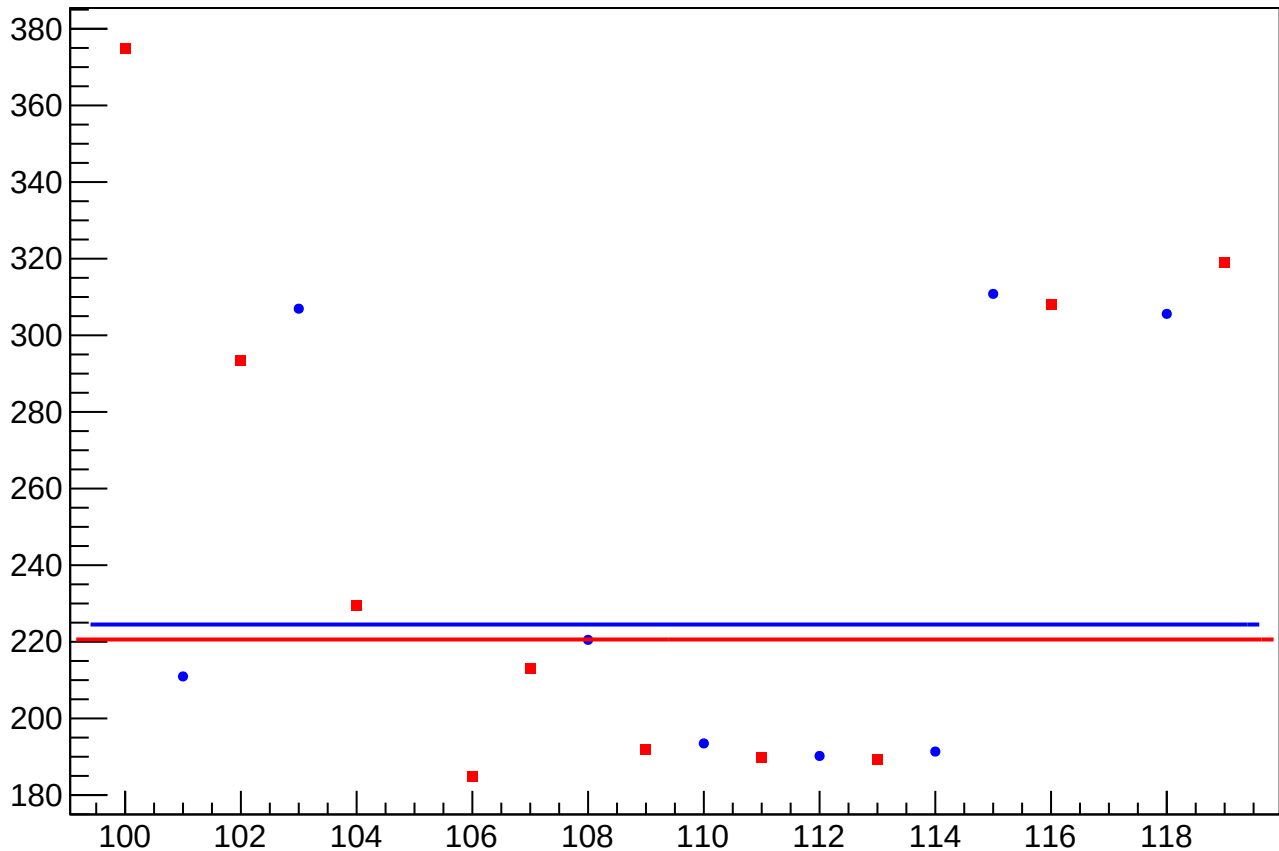
Right: 80.583 ± 84.060 χ^2/NDF : 19.8/17

In: -69.682 ± 126.128 χ^2/NDF : 10.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 80.583 ± 84.060 χ^2/NDF : 19.8/17

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.515+/-0.089 χ^2/NDF : 247894.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.606+/-0.080 χ^2/NDF : 352603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

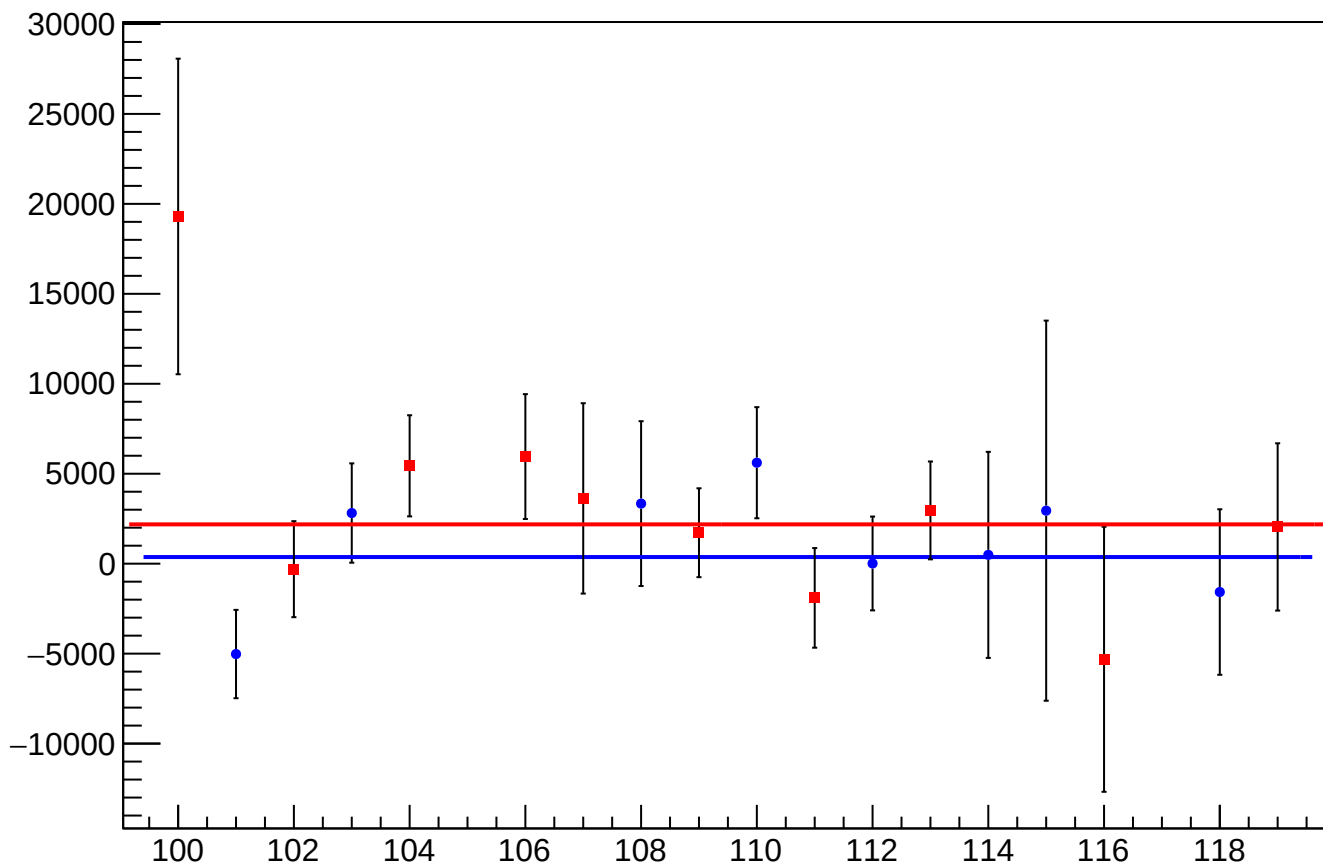
Right: 222.342+/-0.059 χ^2/NDF : 601565.8/17

In: 224.515+/-0.089 χ^2/NDF : 247894.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.342+/-0.059 χ^2/NDF : 601565.8/17

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.809+/-1209.522 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.976+/-1058.160 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

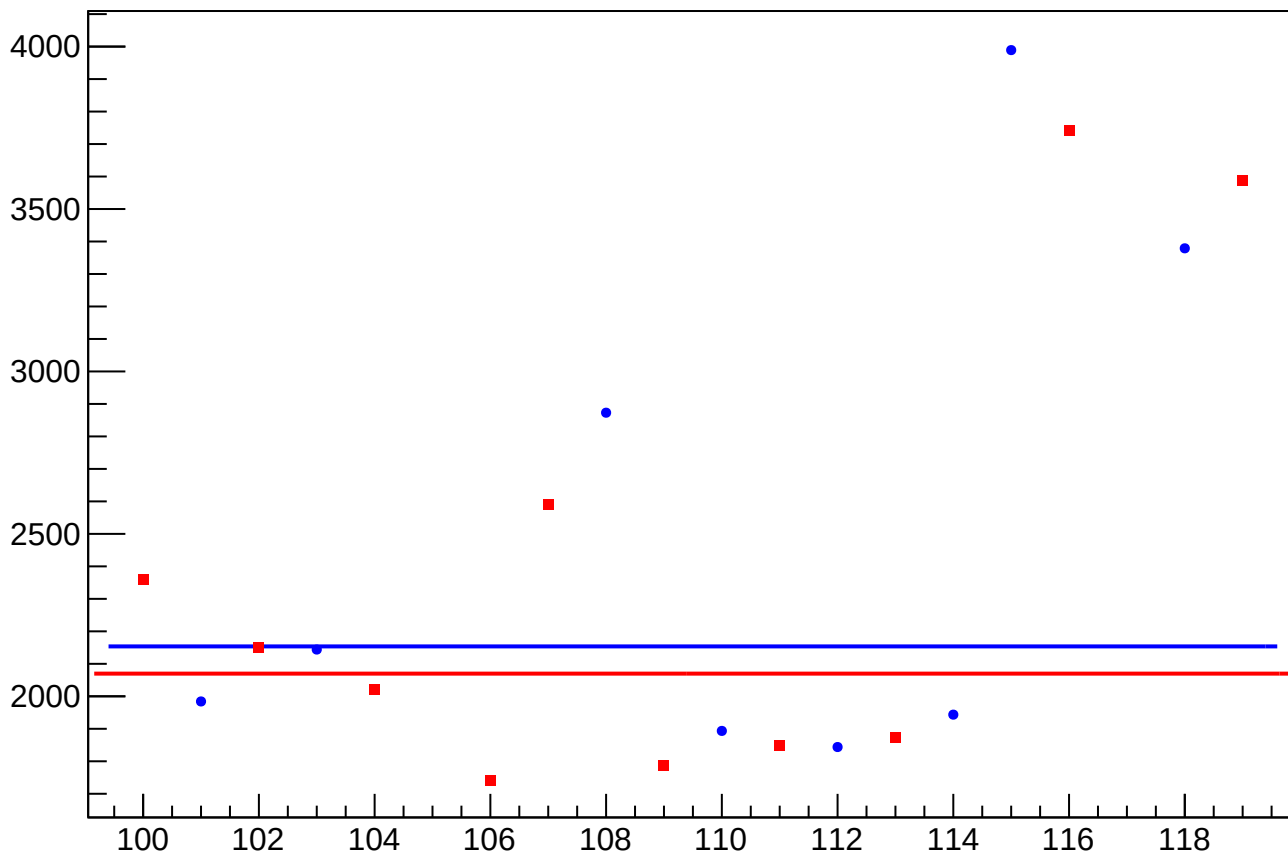
Right: 1397.580+/-796.403 χ^2/NDF : 21.1/17

In: 368.809+/-1209.522 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.580+/-796.403 χ^2/NDF : 21.1/17

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2153.627+/-0.855 χ^2/NDF : 306302.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.829+/-0.748 χ^2/NDF : 406801.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

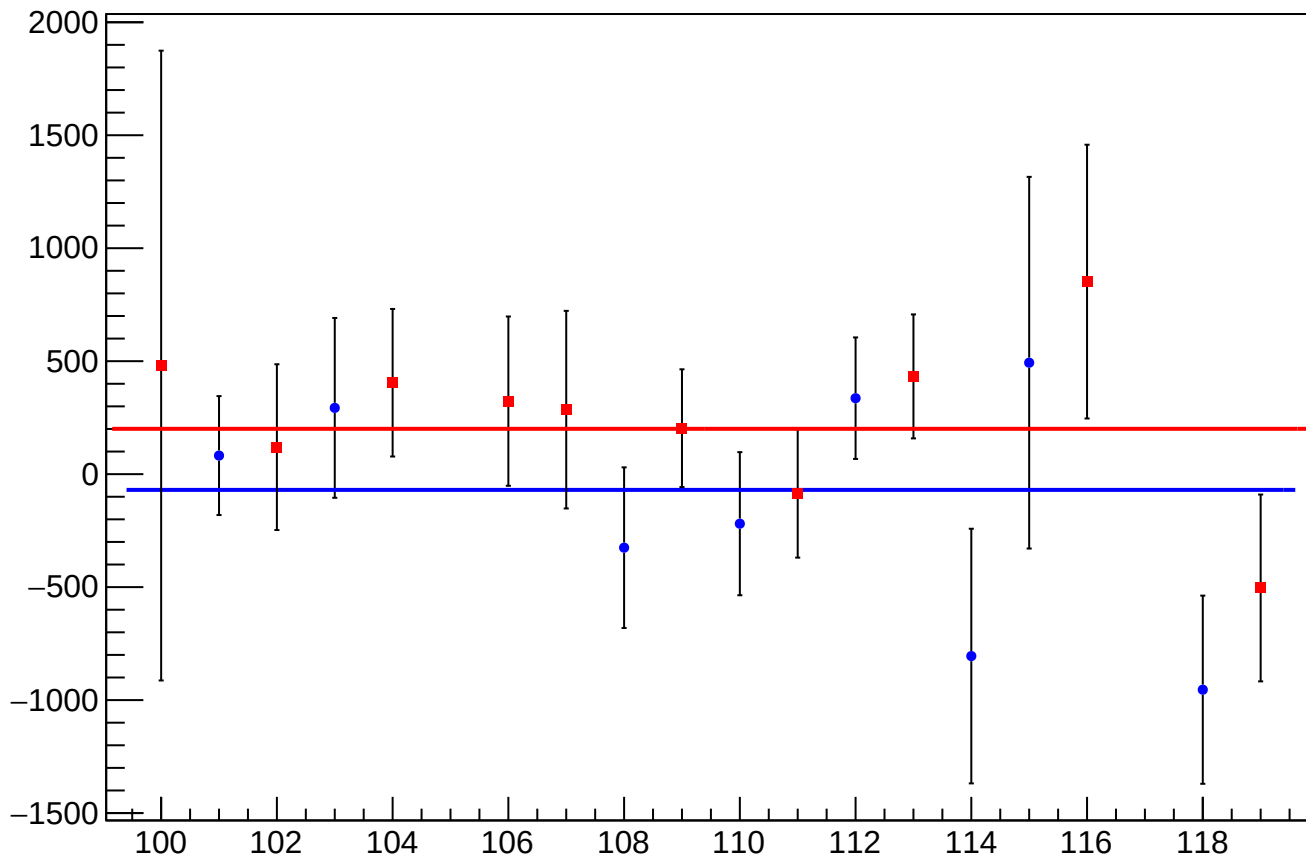
Right: 2106.160+/-0.563 χ^2/NDF : 718542.4/17

In: 2153.627+/-0.855 χ^2/NDF : 306302.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.160+/-0.563 χ^2/NDF : 718542.4/17

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -69.682 $\pm$ 126.128 χ^2 /NDF: 10.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 200.661 $\pm$ 112.750 χ^2 /NDF: 6.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

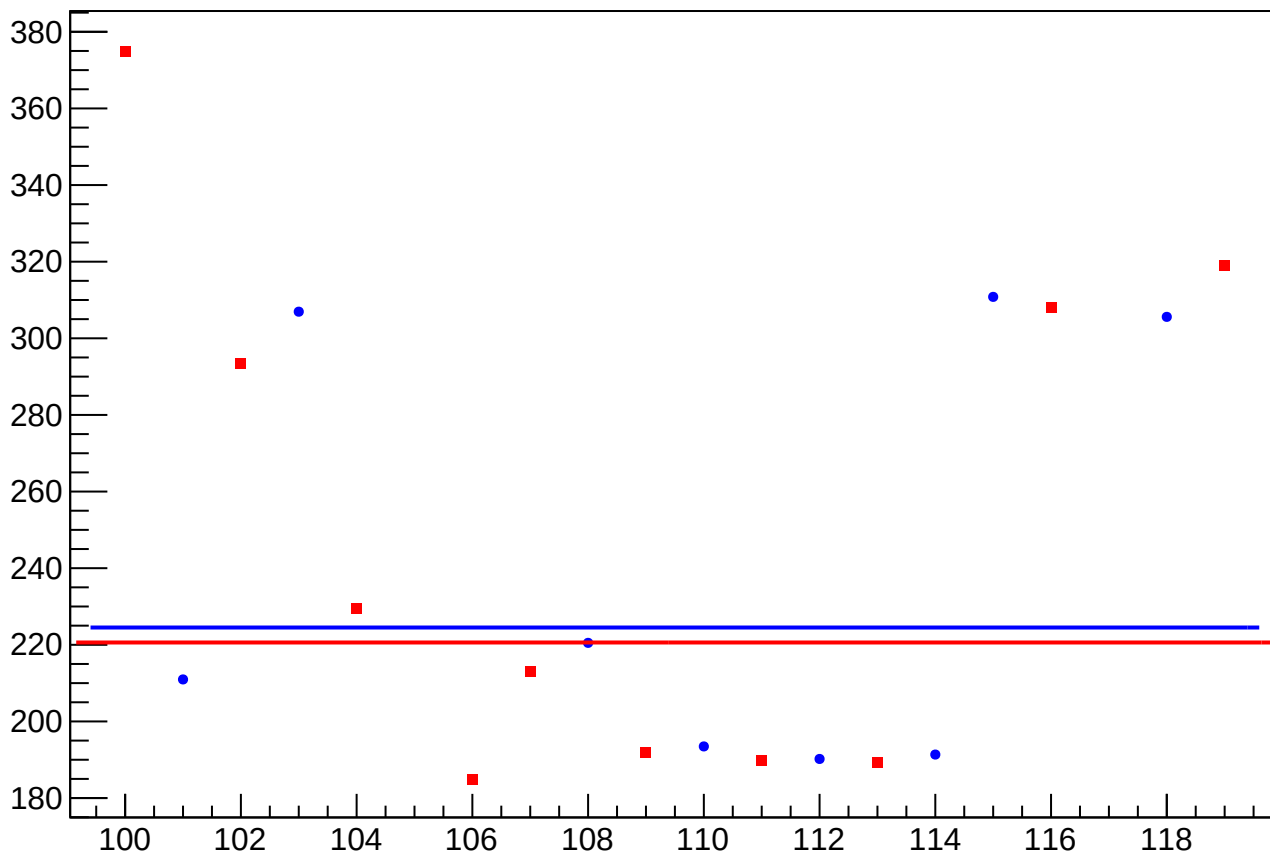
Right: 80.583 $\pm$ 84.060 χ^2 /NDF: 19.8/17

In: -69.682 $\pm$ 126.128 χ^2 /NDF:10.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 80.583 $\pm$ 84.060 χ^2 /NDF: 19.8/17

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 224.515+/-0.089 χ^2/NDF : 247894.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 220.606+/-0.080 χ^2/NDF : 352603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

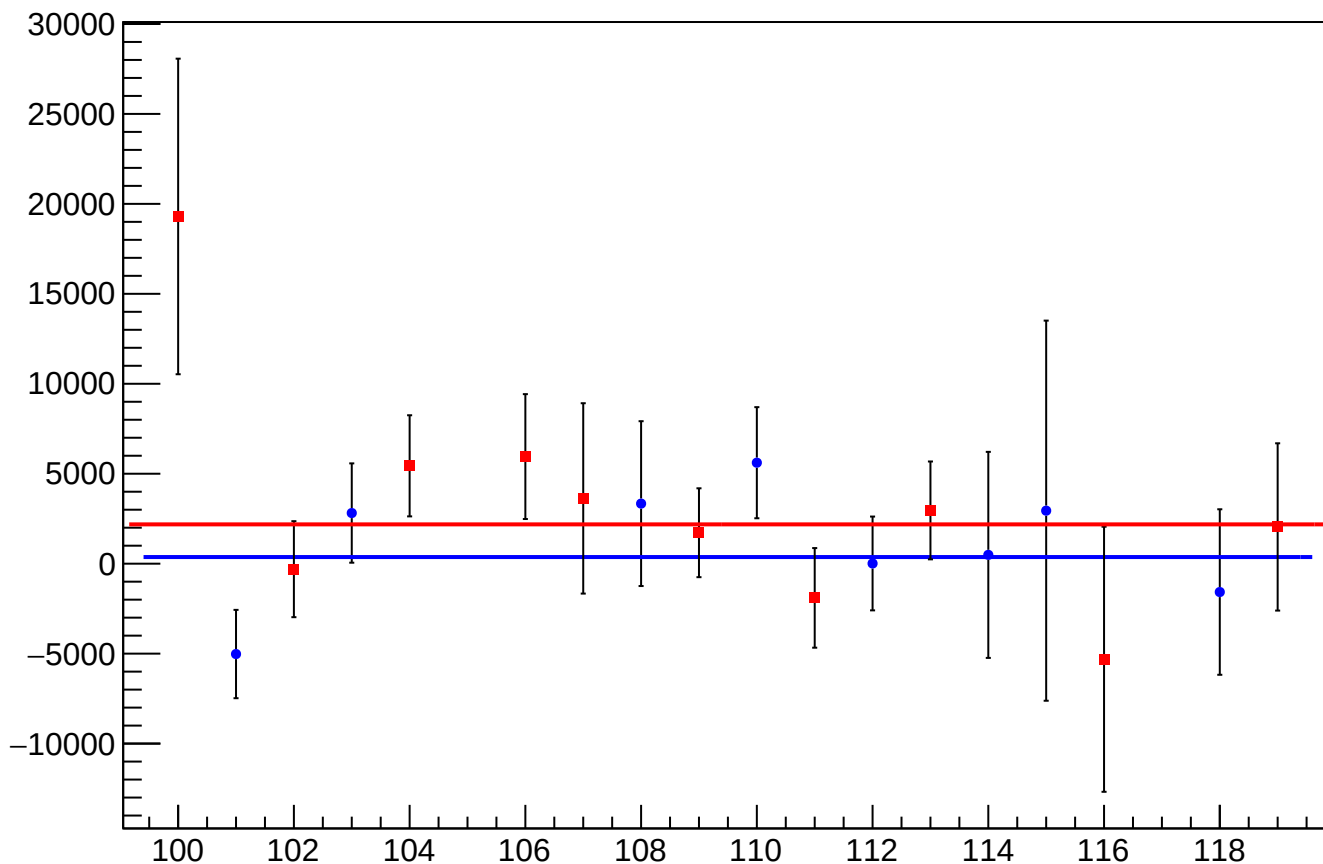
Right: 222.342+/-0.059 χ^2/NDF : 601565.8/17

In: 224.515+/-0.089 χ^2/NDF : 247894.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.342+/-0.059 χ^2/NDF : 601565.8/17

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 368.809+/-1209.522 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.976+/-1058.160 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

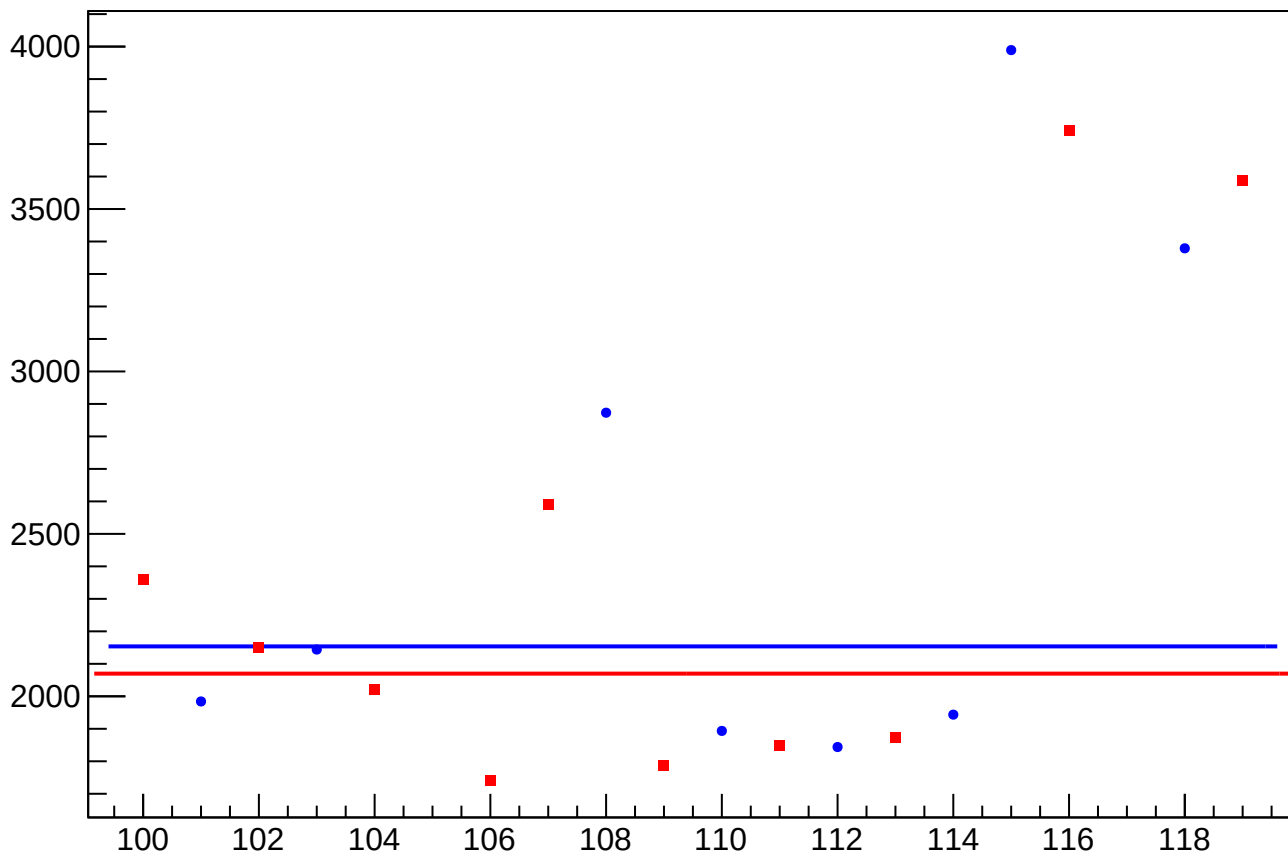
Right: 1397.580+/-796.403 χ^2/NDF : 21.1/17

In: 368.809+/-1209.522 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.580+/-796.403 χ^2/NDF : 21.1/17

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2153.627+/-0.855 χ^2/NDF : 306302.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2069.829+/-0.748 χ^2/NDF : 406801.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

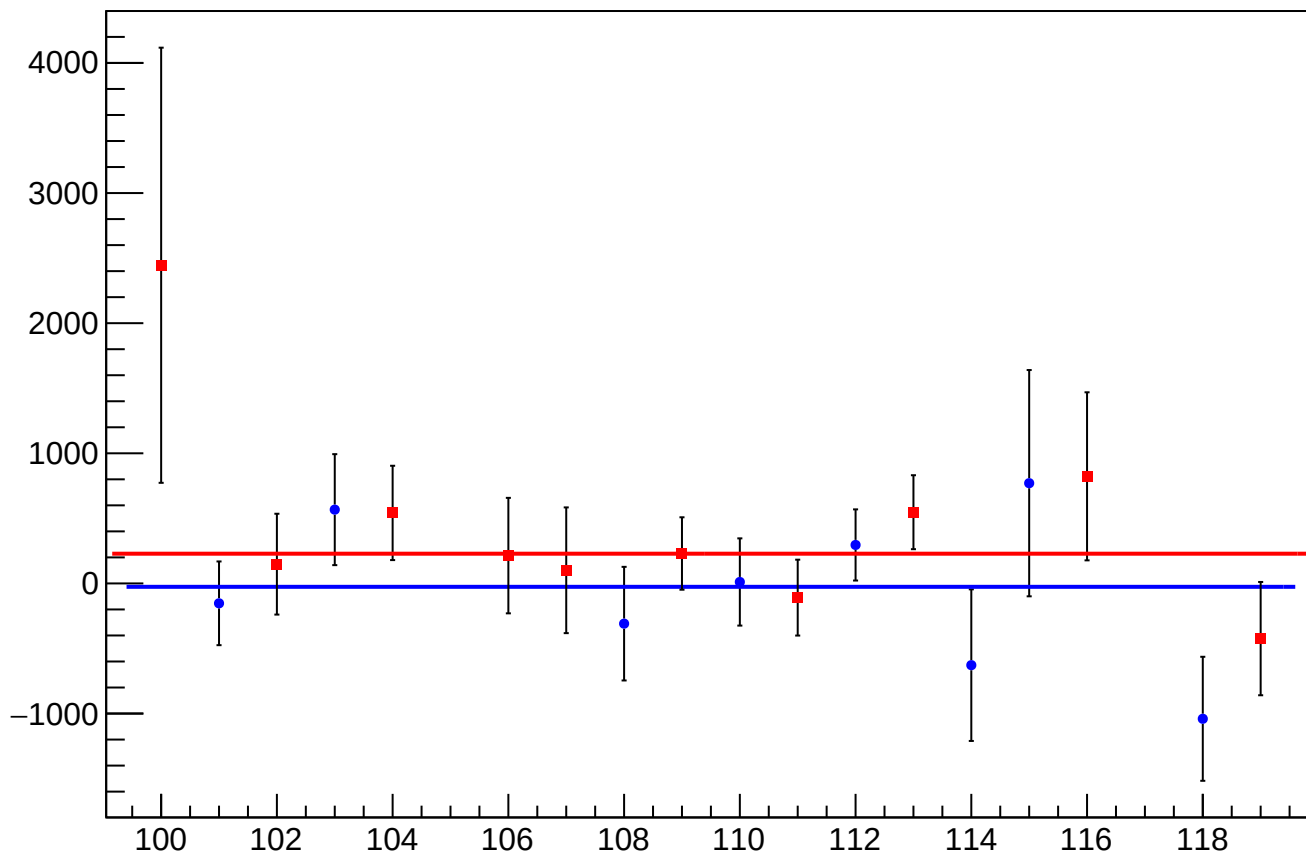
Right: 2106.160+/-0.563 χ^2/NDF : 718542.4/17

In: 2153.627+/-0.855 χ^2/NDF : 306302.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2106.160+/-0.563 χ^2/NDF : 718542.4/17

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -26.110 ± 139.537 χ^2/NDF : 10.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 228.445 ± 120.625 χ^2/NDF : 8.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

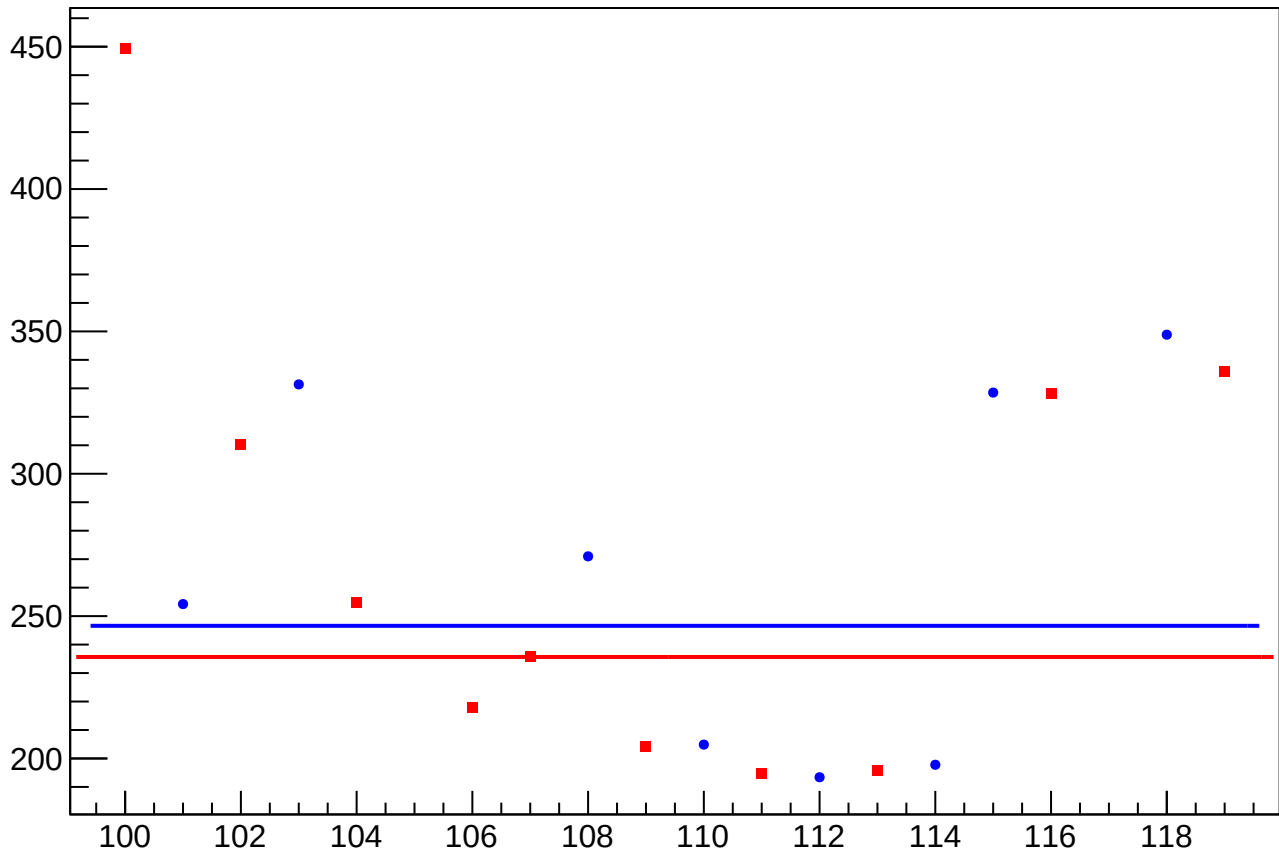
Right: 119.575 ± 91.254 χ^2/NDF : 20.6/17

In: -26.110 ± 139.537 χ^2/NDF : 10.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 119.575 ± 91.254 χ^2/NDF : 20.6/17

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 246.594+/-0.099 χ^2/NDF : 316980.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.646+/-0.085 χ^2/NDF : 367196.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

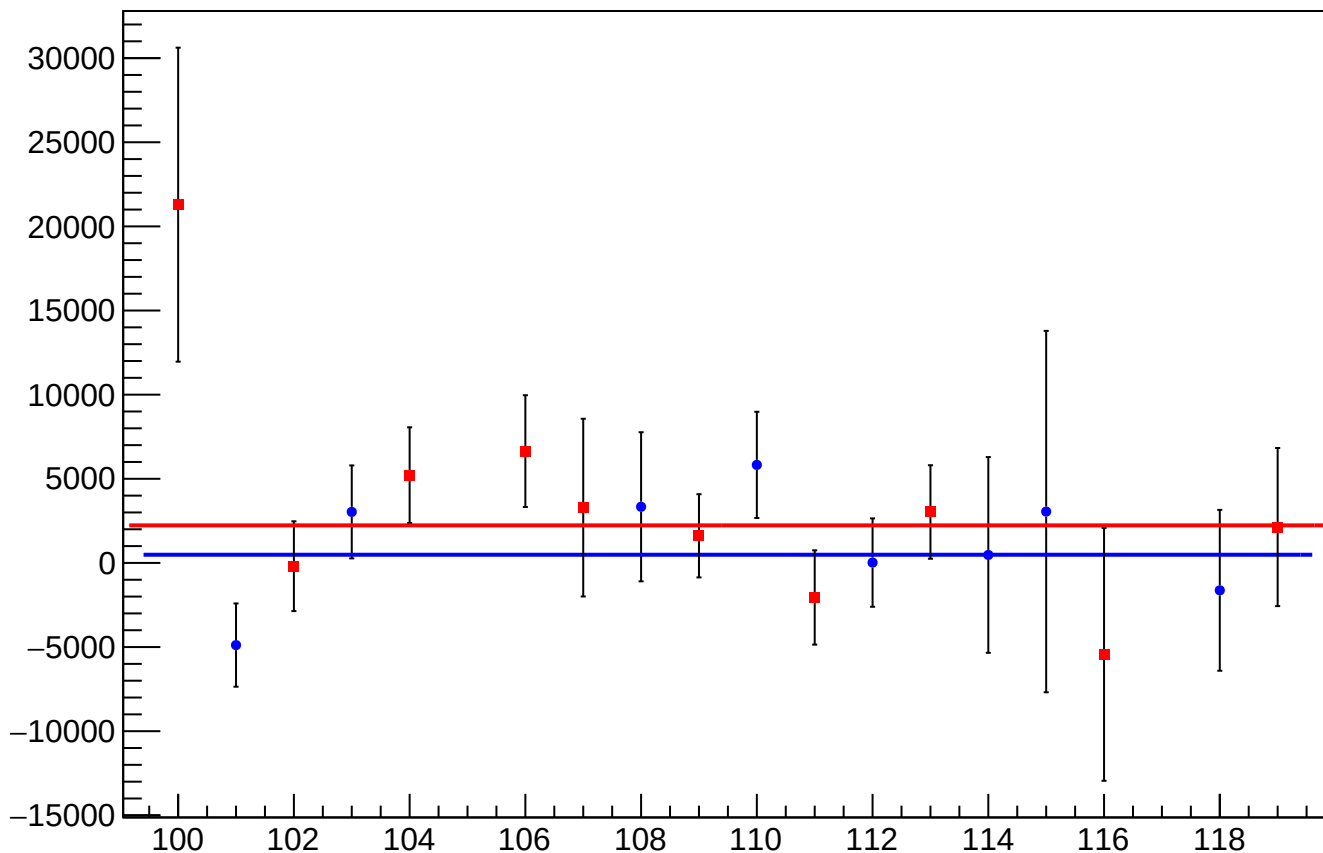
Right: 240.328+/-0.065 χ^2/NDF : 691221.6/17

In: 246.594+/-0.099 χ^2/NDF : 316980.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.328+/-0.065 χ^2/NDF : 691221.6/17

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: 486.140+/-1219.288 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.111+/-1062.592 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

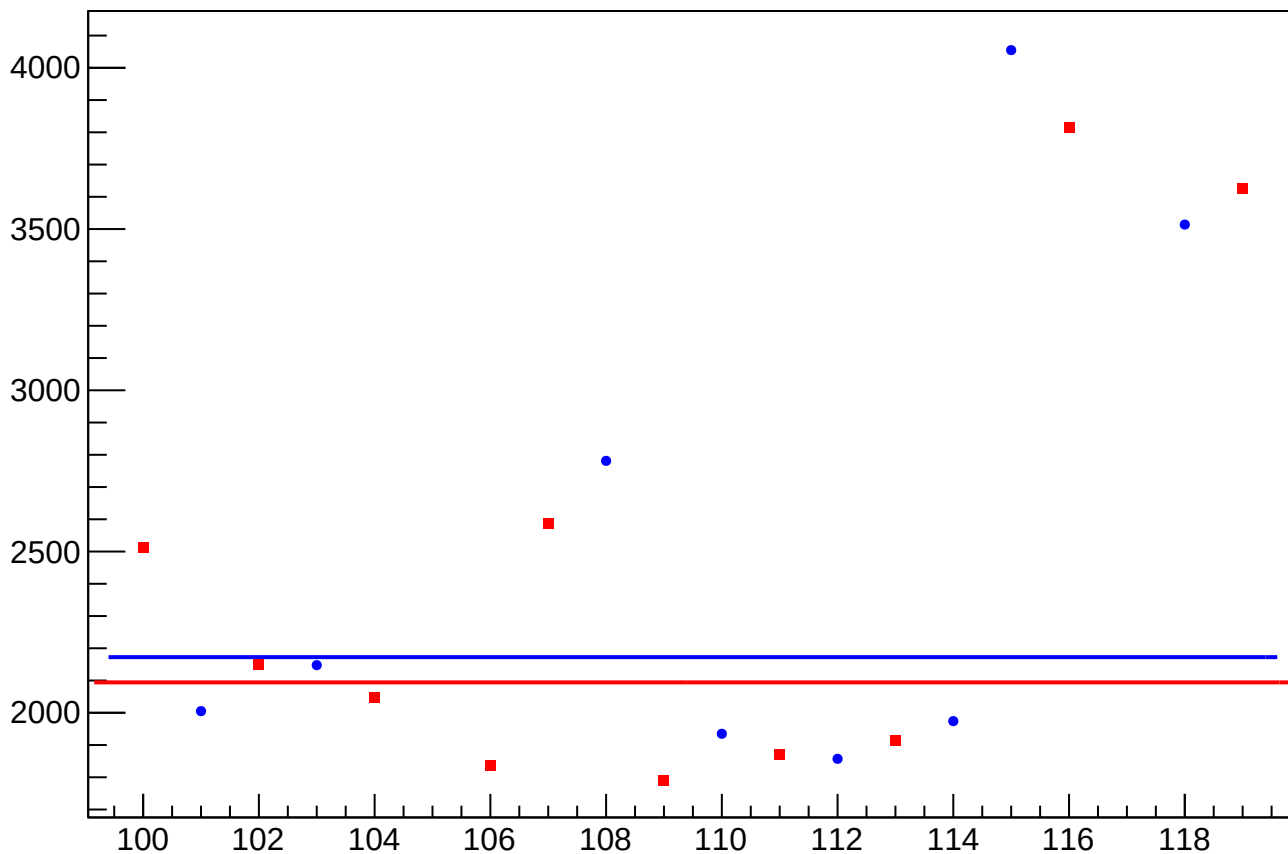
Right: 1478.458+/-801.076 χ^2/NDF : 21.7/17

In: 486.140+/-1219.288 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.458+/-801.076 χ^2/NDF : 21.7/17

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2172.490+/-0.862 χ^2/NDF : 308478.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.280+/-0.751 χ^2/NDF : 403532.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

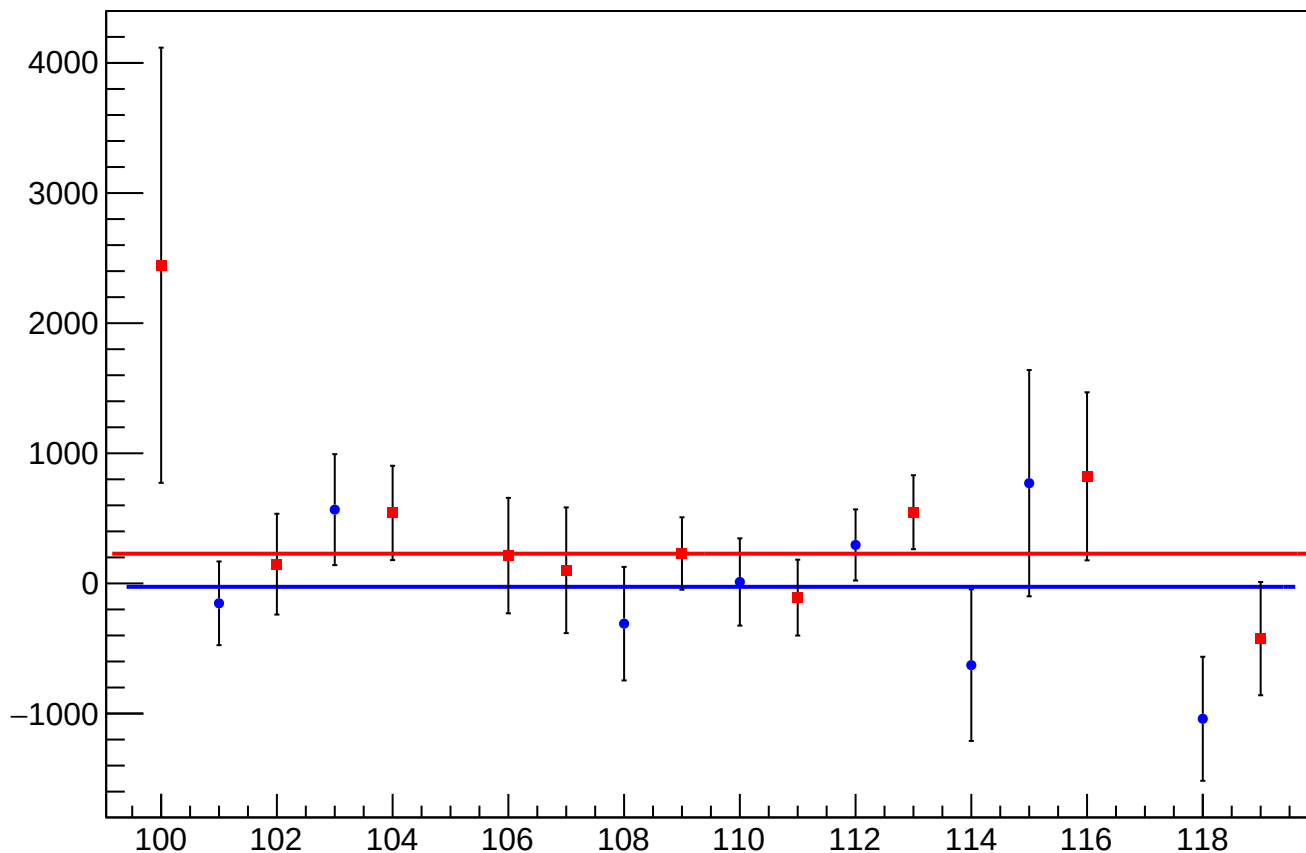
Right: 2128.040+/-0.566 χ^2/NDF : 716687.9/17

In: 2172.490+/-0.862 χ^2/NDF : 308478.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.040+/-0.566 χ^2/NDF : 716687.9/17

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: -26.111 $\pm$ 139.537 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 228.442 $\pm$ 120.625 χ^2 /NDF: 8.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

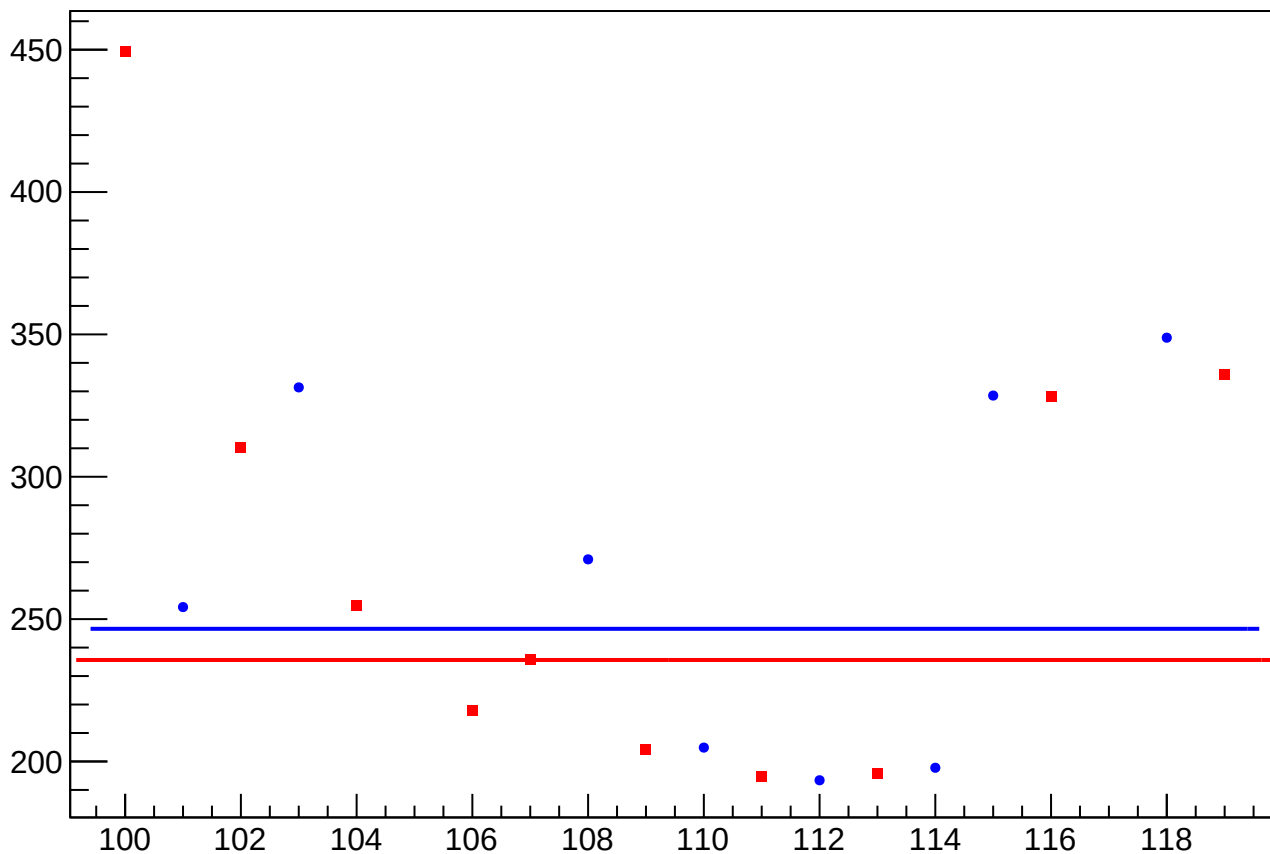
Right: 119.573 $\pm$ 91.254 χ^2 /NDF: 20.6/17

In: -26.111 $\pm$ 139.537 χ^2 /NDF:10.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.573 $\pm$ 91.254 χ^2 /NDF: 20.6/17

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 246.594+/-0.099 χ^2/NDF : 316985.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.646+/-0.085 χ^2/NDF : 367198.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

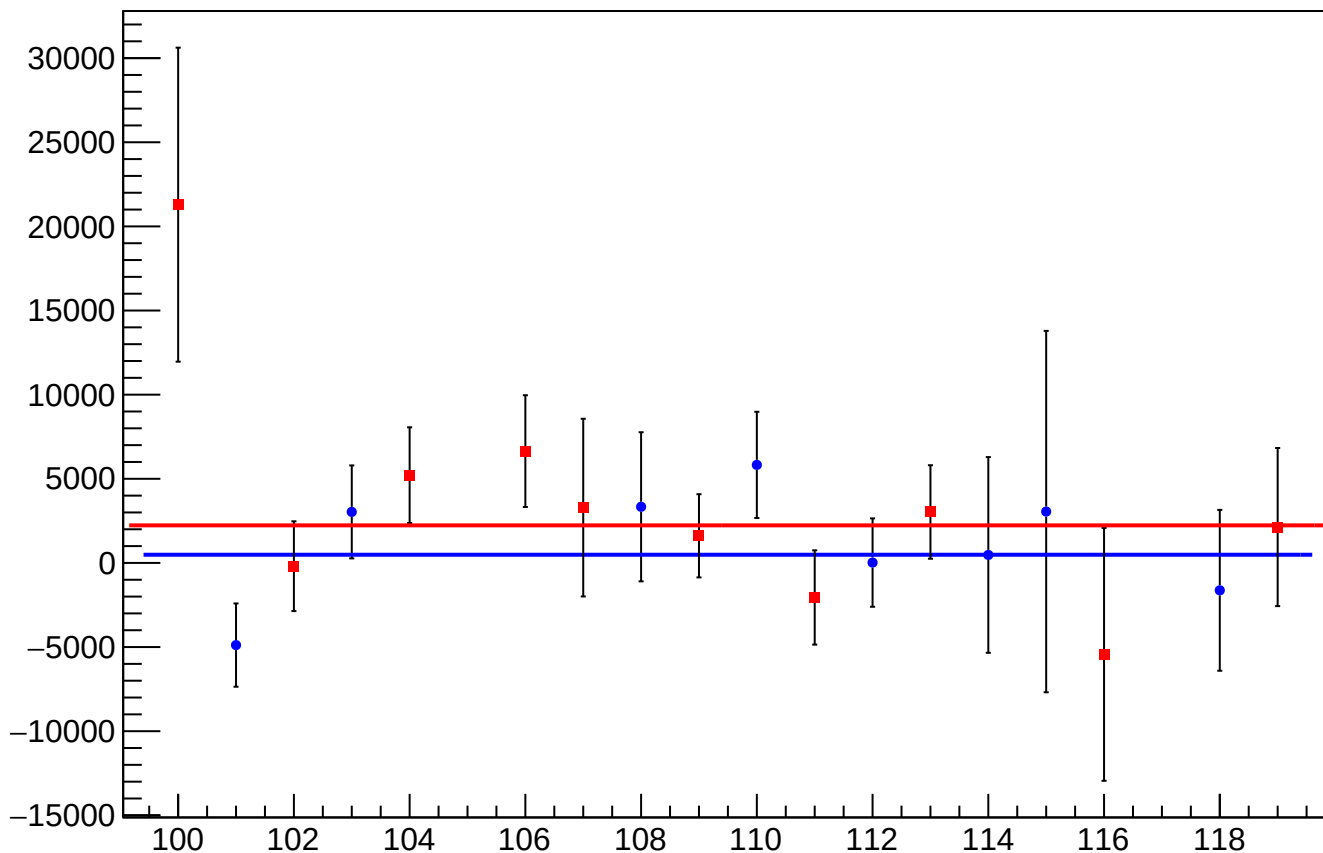
Right: 240.328+/-0.065 χ^2/NDF : 691229.1/17

In: 246.594+/-0.099 χ^2/NDF : 316985.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.328+/-0.065 χ^2/NDF : 691229.1/17

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 486.141+/-1219.288 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2232.108+/-1062.592 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

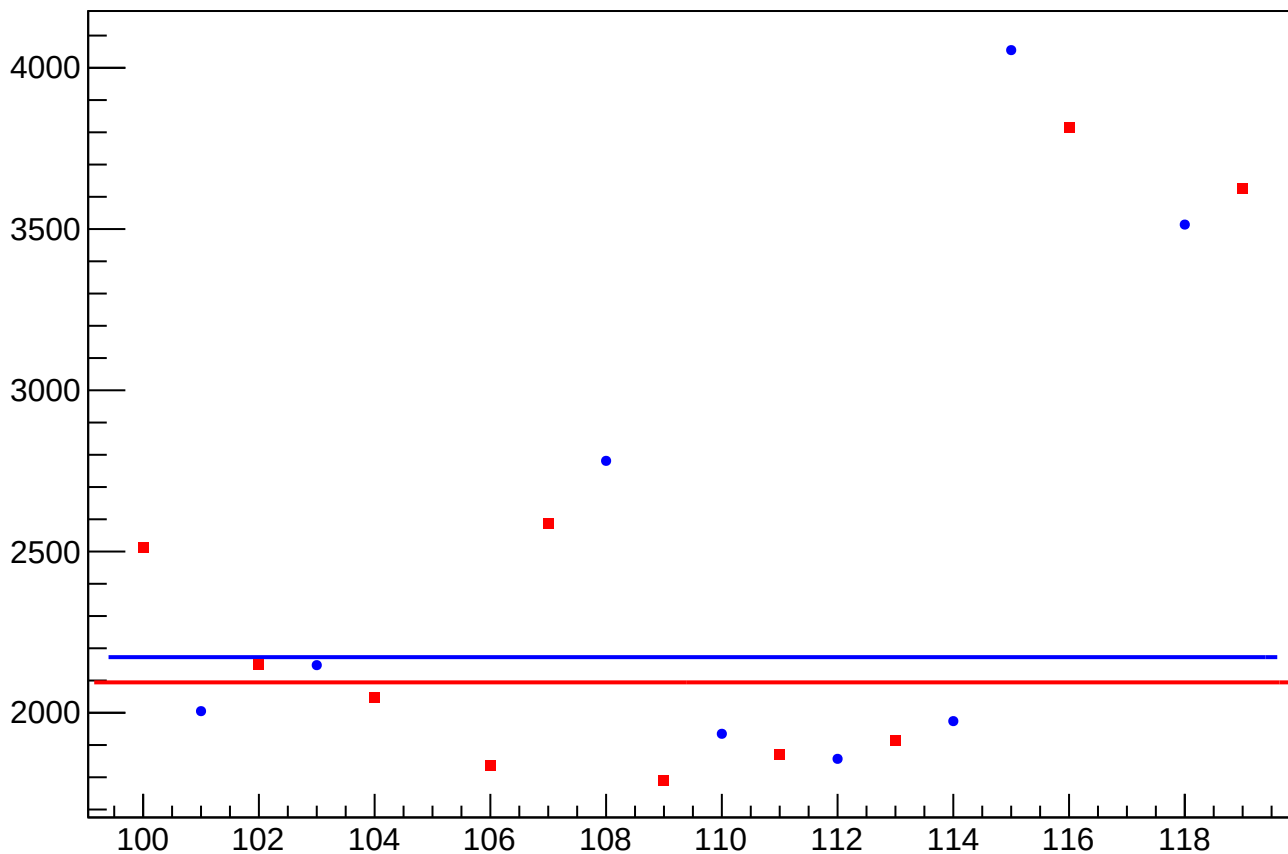
Right: 1478.457+/-801.075 χ^2/NDF : 21.7/17

In: 486.141+/-1219.288 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.457+/-801.075 χ^2/NDF : 21.7/17

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2172.489+/-0.862 χ^2/NDF : 308479.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2094.279+/-0.751 χ^2/NDF : 403534.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

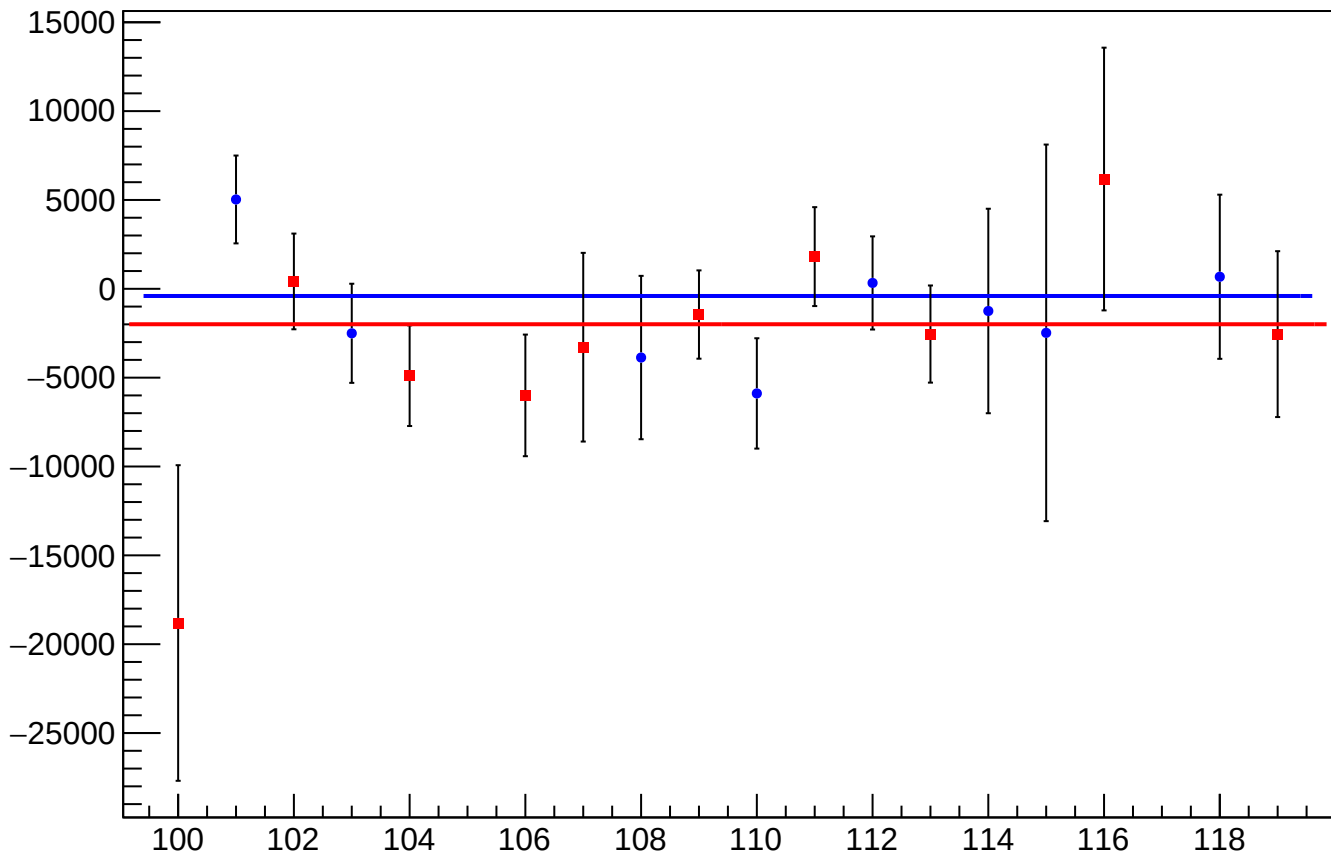
Right: 2128.038+/-0.566 χ^2/NDF : 716691.3/17

In: 2172.489+/-0.862 χ^2/NDF : 308479.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2128.038+/-0.566 χ^2/NDF : 716691.3/17

asym_sam4_mean vs Slug, Sign Corrected



Right In: -403.856+/-1217.362 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1994.101+/-1062.896 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

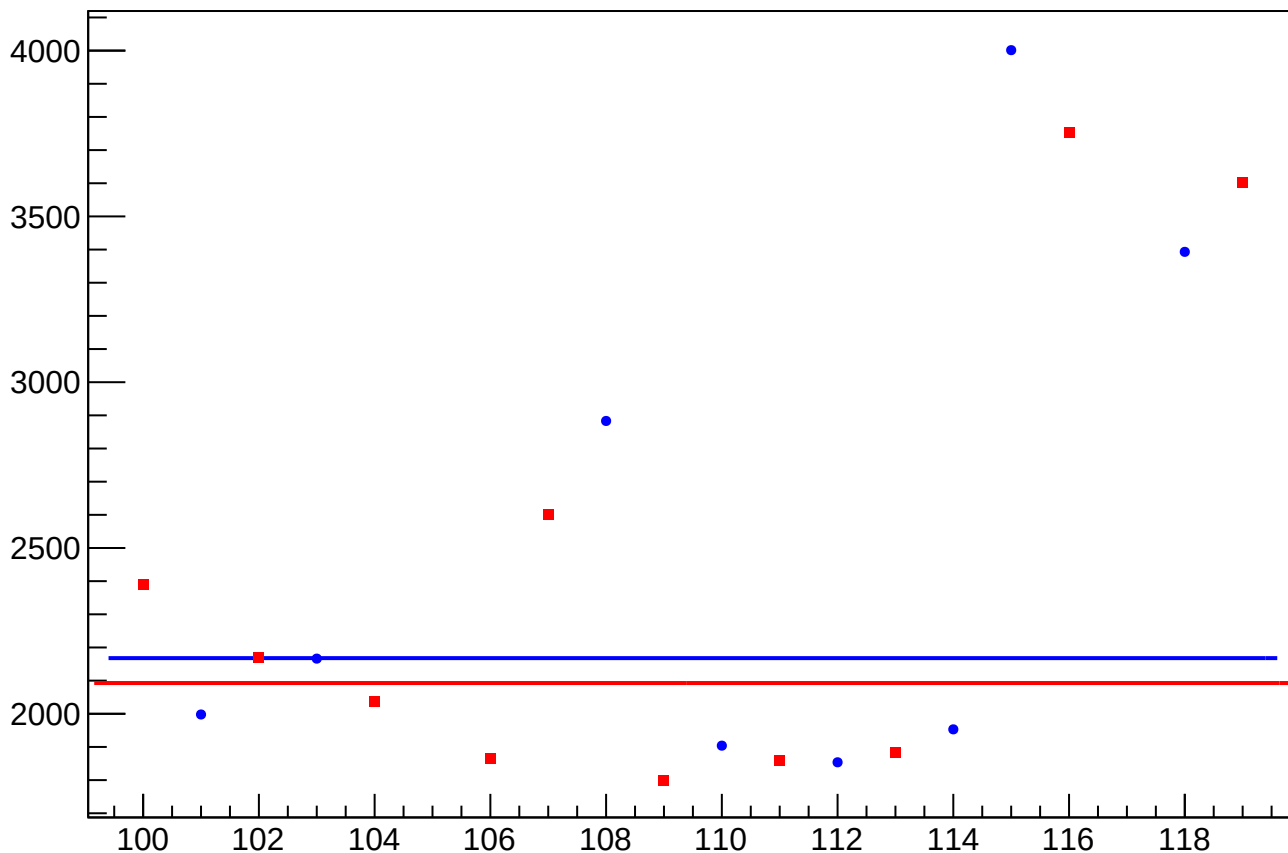
Right: -1306.211+/-800.659 χ^2/NDF : 20.3/17

In: -403.856+/-1217.362 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1306.211+/-800.659 χ^2/NDF : 20.3/17

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2167.869+/-0.861 χ^2/NDF : 304444.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.779+/-0.752 χ^2/NDF : 395436.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

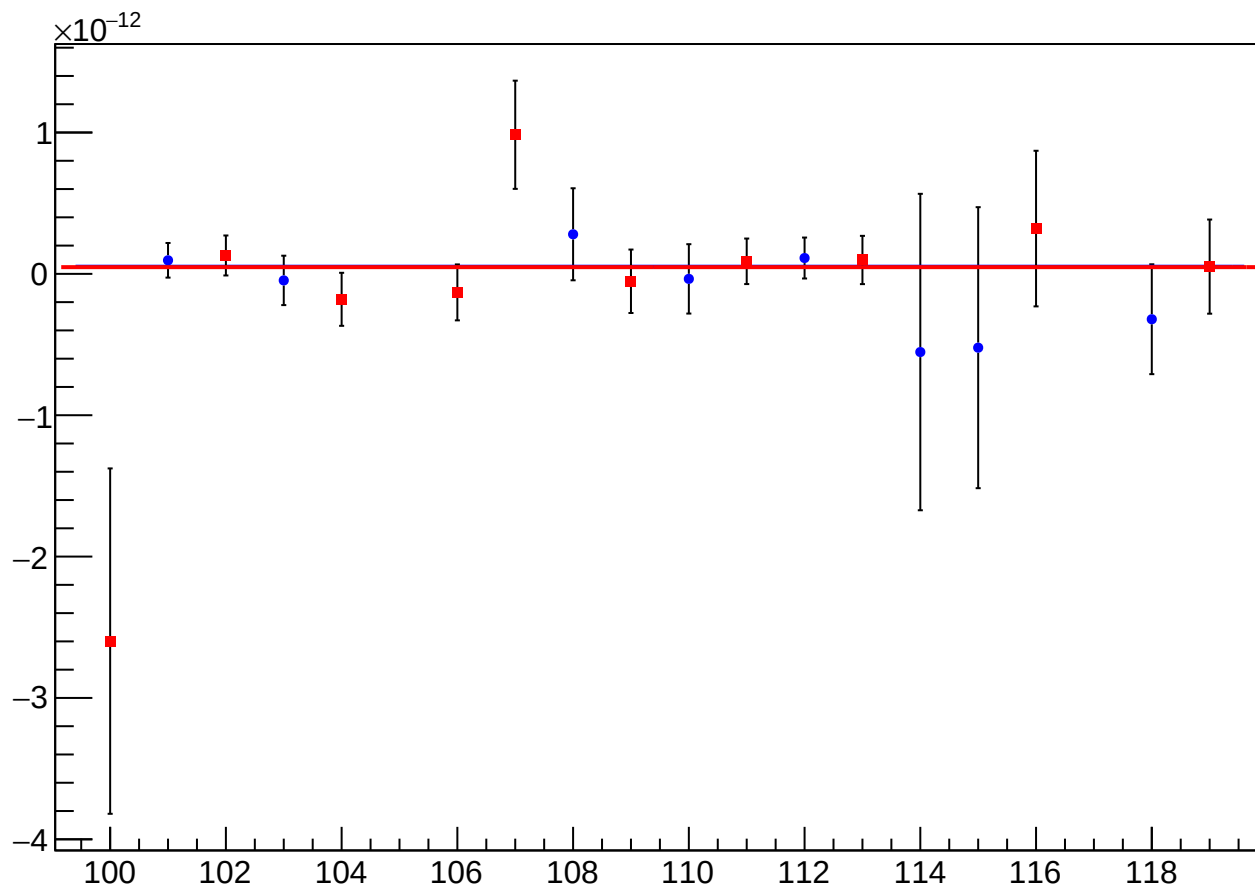
Right: 2125.261+/-0.566 χ^2/NDF : 704198.4/17

In: 2167.869+/-0.861 χ^2/NDF : 304444.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2125.261+/-0.566 χ^2/NDF : 704198.4/17

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

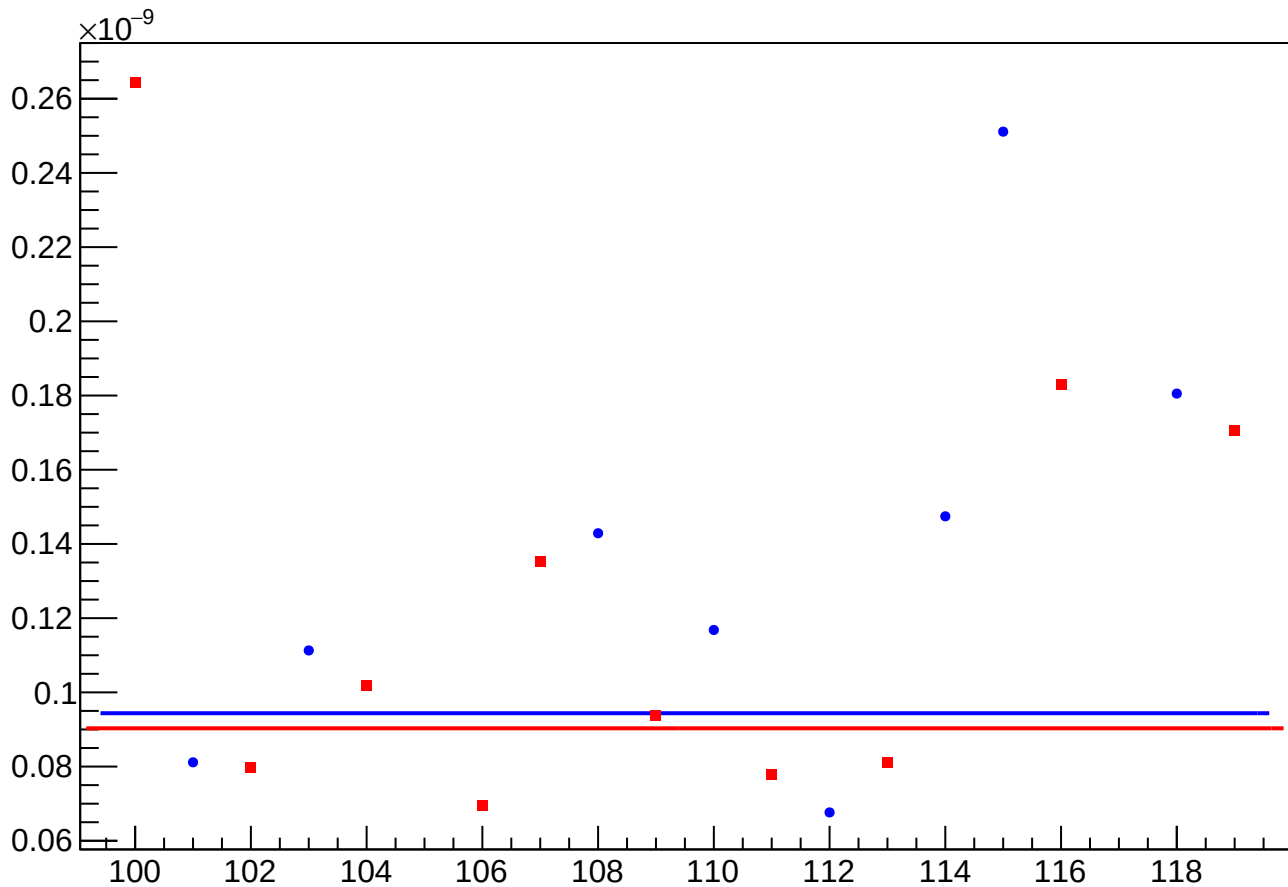
Right: 0.000+/-0.000 χ^2/NDF : 16.7/17

In: 0.000+/-0.000 χ^2/NDF : 2.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.7/17

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 323935.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 299911.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

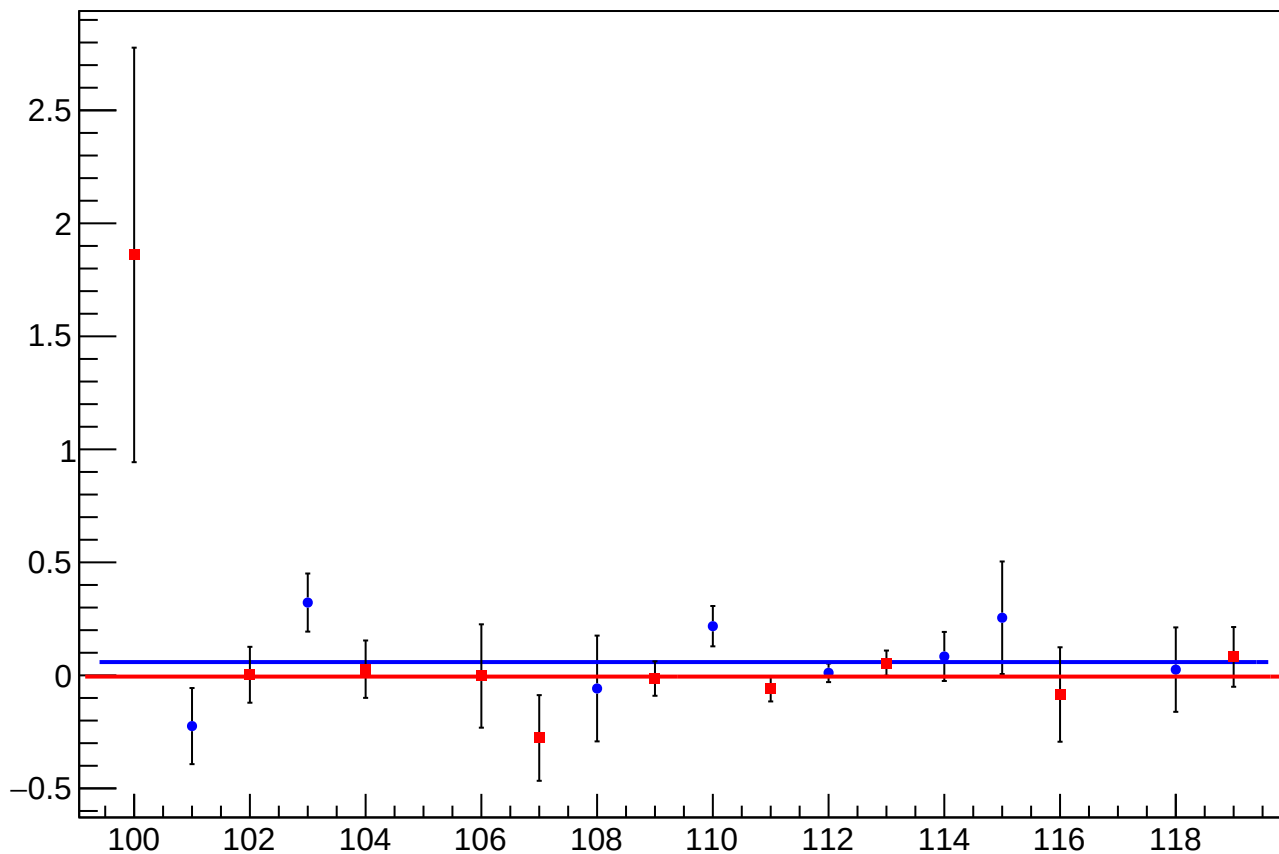
Right: 0.000+/-0.000 χ^2/NDF : 627107.2/17

In: 0.000+/-0.000 χ^2/NDF : 323935.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 627107.2/17

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

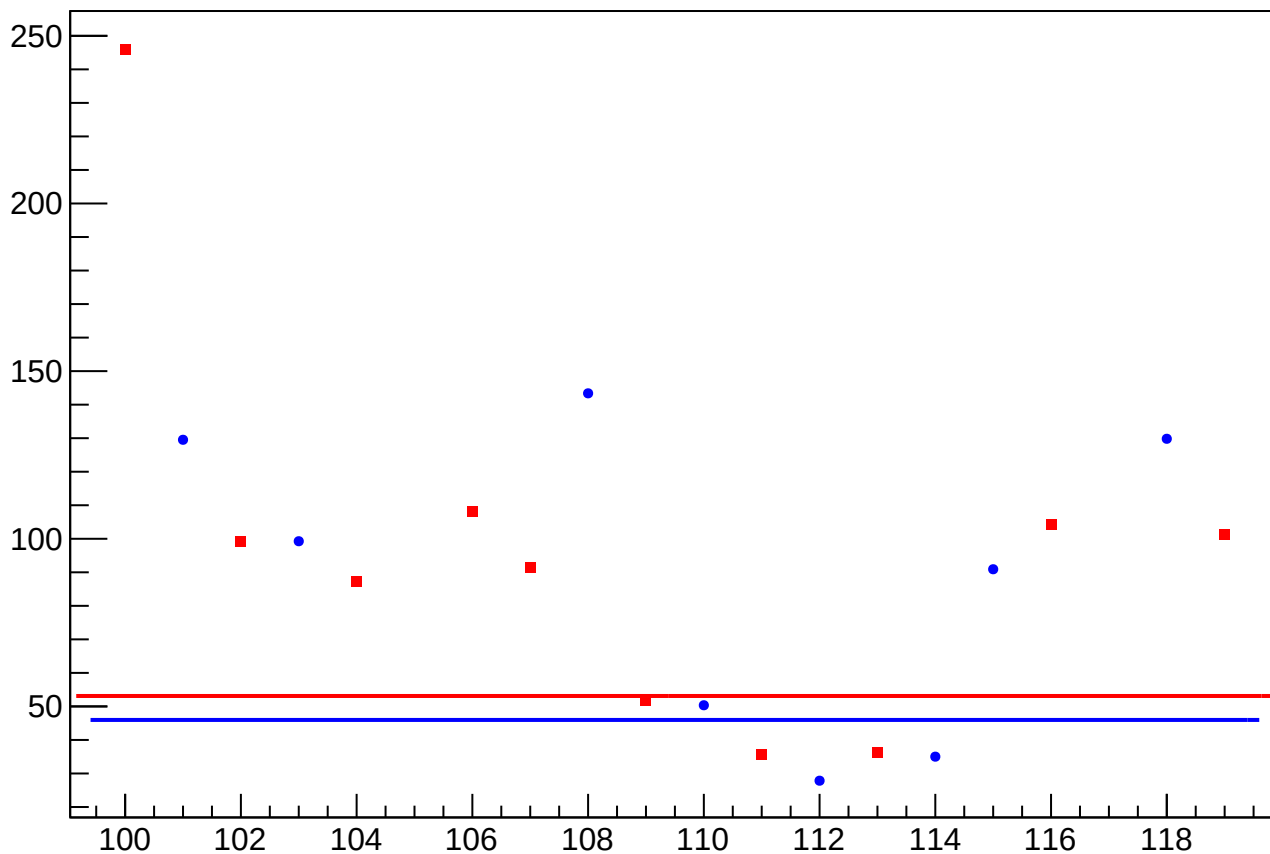
Right: 0.025+/-0.022 χ^2/NDF : 23.6/17

In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.022 χ^2/NDF : 23.6/17

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.969+/-0.023 χ^2/NDF : 2064353.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.115+/-0.022 χ^2/NDF : 1482207.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

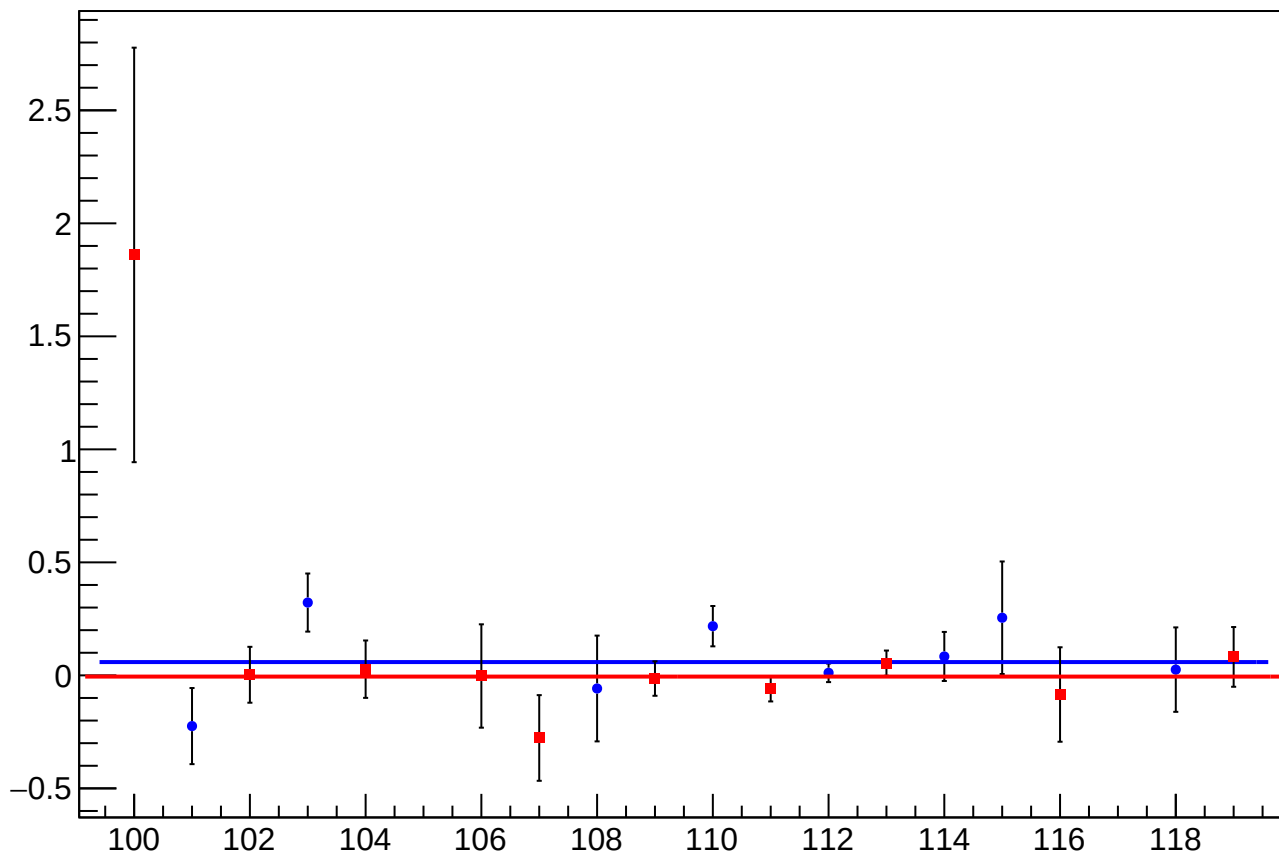
Right: 49.751+/-0.016 χ^2/NDF : 3598442.2/17

In: 45.969+/-0.023 χ^2/NDF : 2064353.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.751+/-0.016 χ^2/NDF : 3598442.2/17

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059 $\pm$ 0.032 χ^2 /NDF: 12.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.005 $\pm$ 0.030 χ^2 /NDF: 9.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

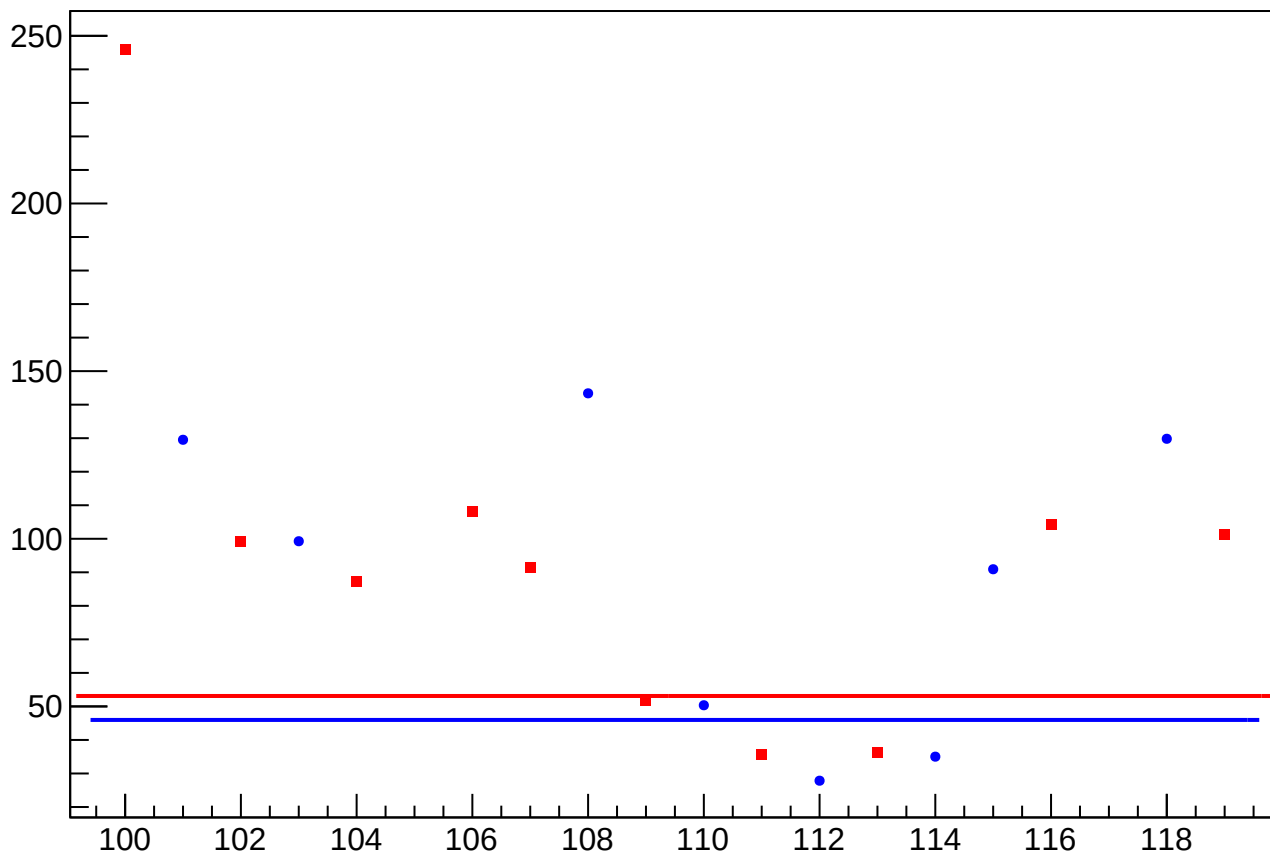
Right: 0.025 $\pm$ 0.022 χ^2 /NDF: 23.6/17

In: 0.059 $\pm$ 0.032 χ^2 /NDF:12.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.022 χ^2 /NDF: 23.6/17

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.969+/-0.023 χ^2/NDF : 2064353.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.115+/-0.022 χ^2/NDF : 1482207.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

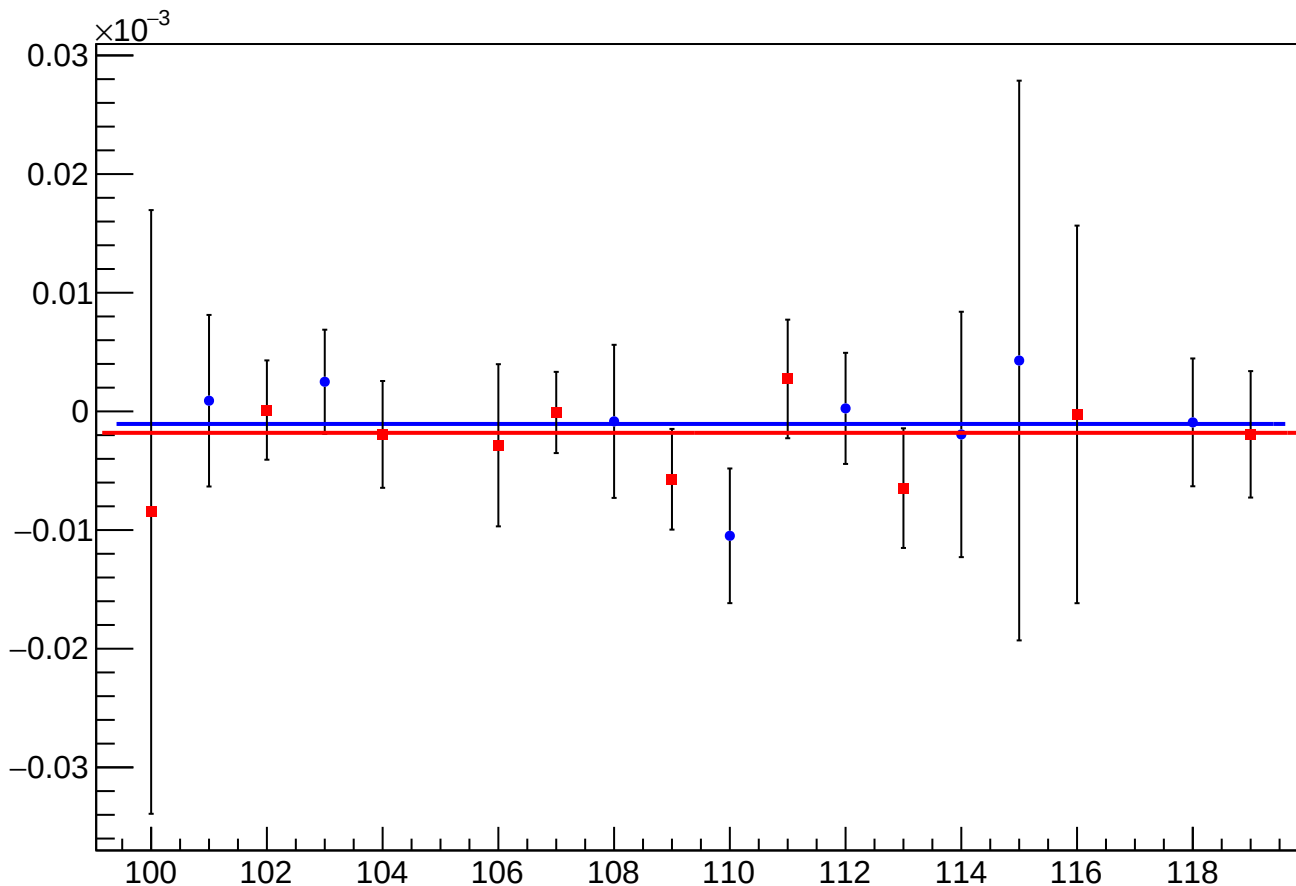
Right: 49.751+/-0.016 χ^2/NDF : 3598442.2/17

In: 45.969+/-0.023 χ^2/NDF : 2064353.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.751+/-0.016 χ^2/NDF : 3598442.2/17

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

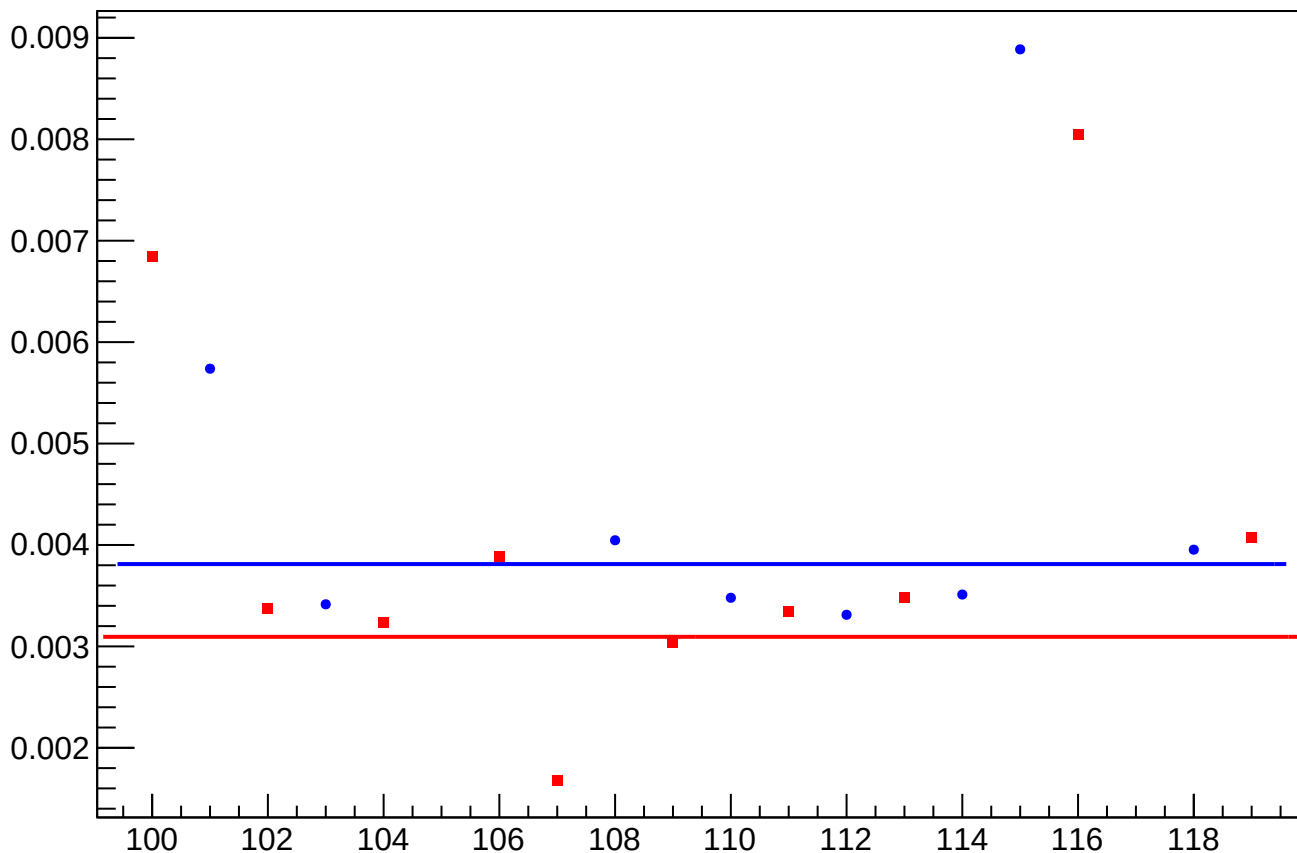
Right: -0.000+/-0.000 χ^2/NDF : 6.8/17

In: -0.000+/-0.000 χ^2/NDF :3.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/17

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 286303.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 701573.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

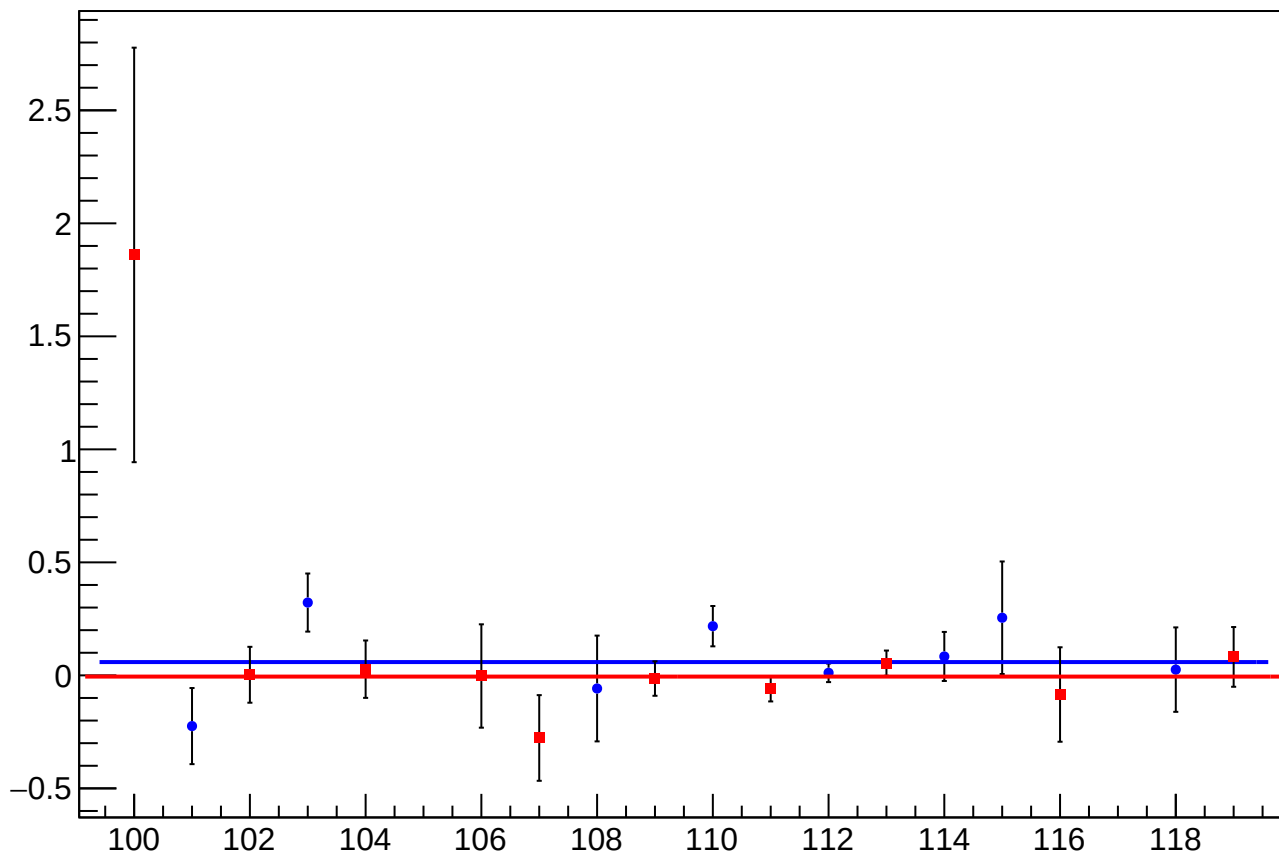
Right: 0.003+/-0.000 χ^2/NDF : 1131322.5/17

In: 0.004+/-0.000 χ^2/NDF : 286303.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1131322.5/17

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

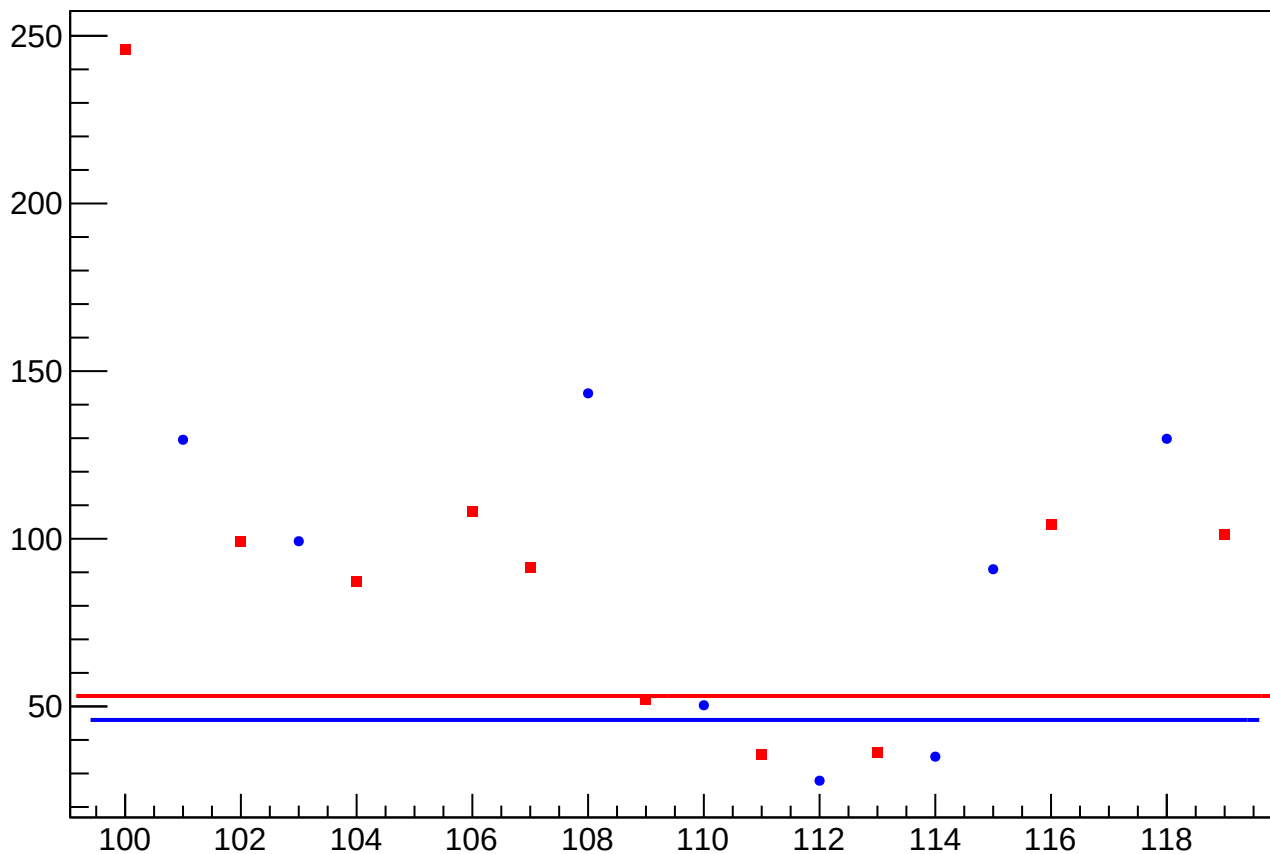
Right: 0.025+/-0.022 χ^2/NDF : 23.6/17

In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.022 χ^2/NDF : 23.6/17

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.967 $\pm$ 0.023 χ^2 /NDF: 2064461.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.113 $\pm$ 0.022 χ^2 /NDF: 1482335.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

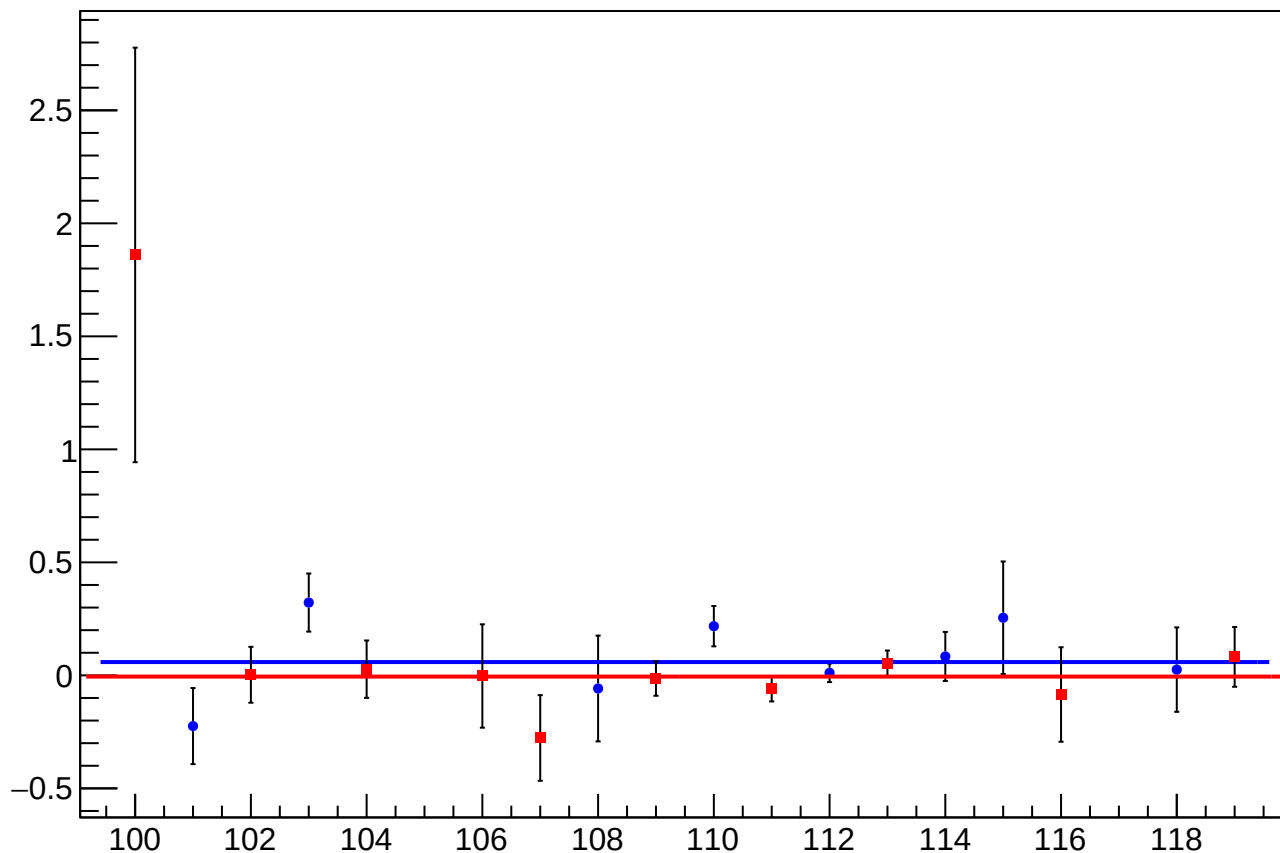
Right: 49.749 $\pm$ 0.016 χ^2 /NDF: 3598684.1/17

In: 45.967 $\pm$ 0.023 χ^2 /NDF: 2064461.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.749 $\pm$ 0.016 χ^2 /NDF: 3598684.1/17

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.030 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

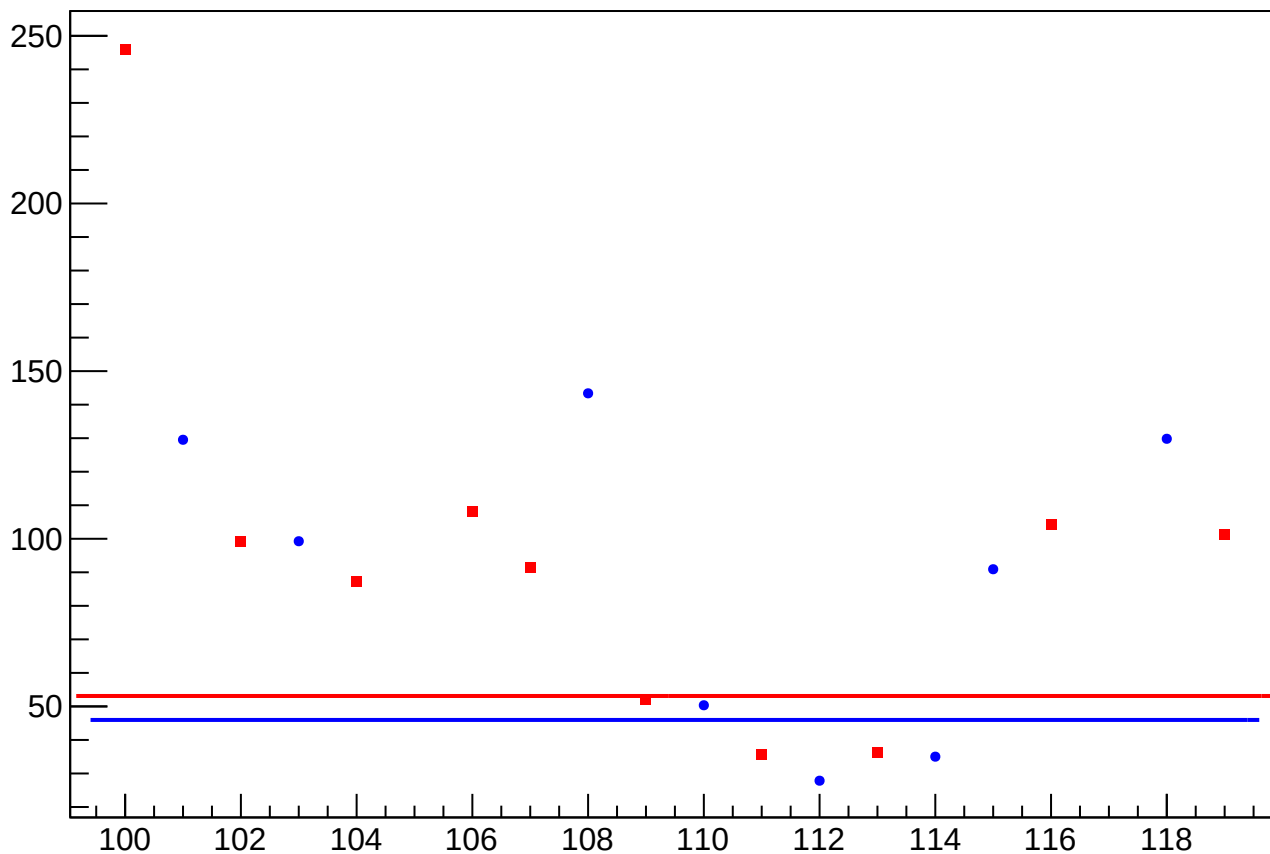
Right: 0.025+/-0.022 χ^2/NDF : 23.6/17

In: 0.059+/-0.032 χ^2/NDF : 12.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.022 χ^2/NDF : 23.6/17

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.967+/-0.023 χ^2/NDF : 2064461.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.113+/-0.022 χ^2/NDF : 1482335.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

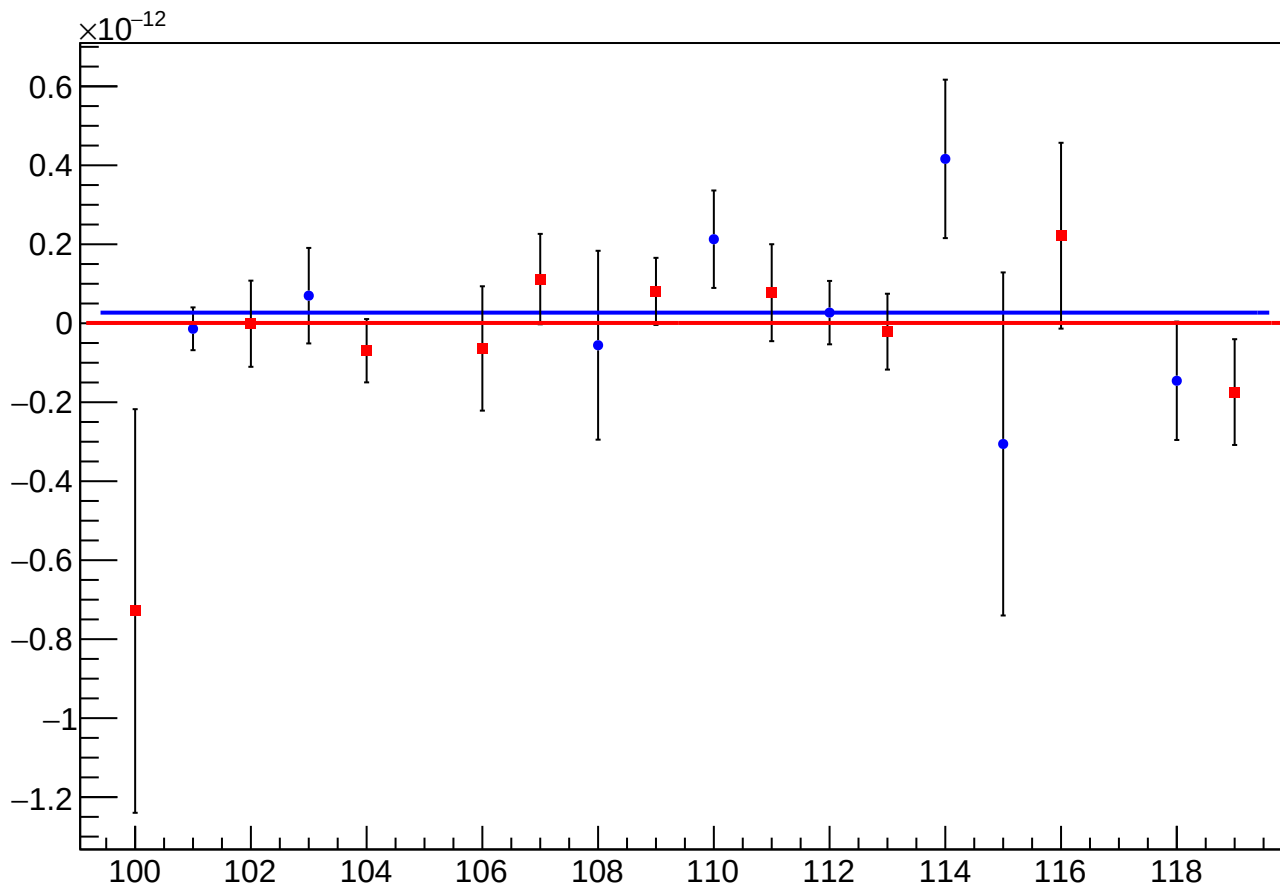
Right: 49.749+/-0.016 χ^2/NDF : 3598684.1/17

In: 45.967+/-0.023 χ^2/NDF : 2064461.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.749+/-0.016 χ^2/NDF : 3598684.1/17

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

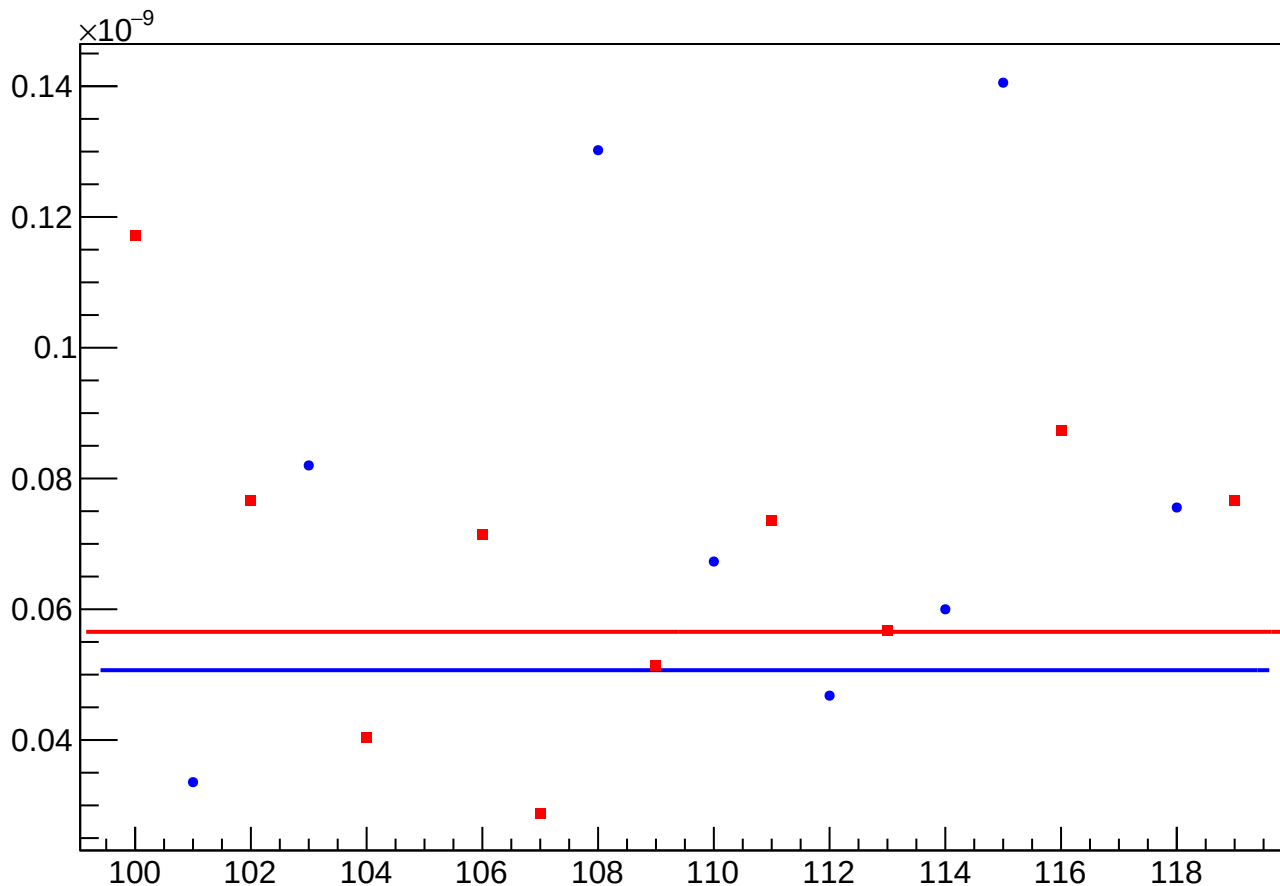
Right: 0.000+/-0.000 χ^2/NDF : 16.9/17

In: 0.000+/-0.000 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.9/17

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 741170.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 437241.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

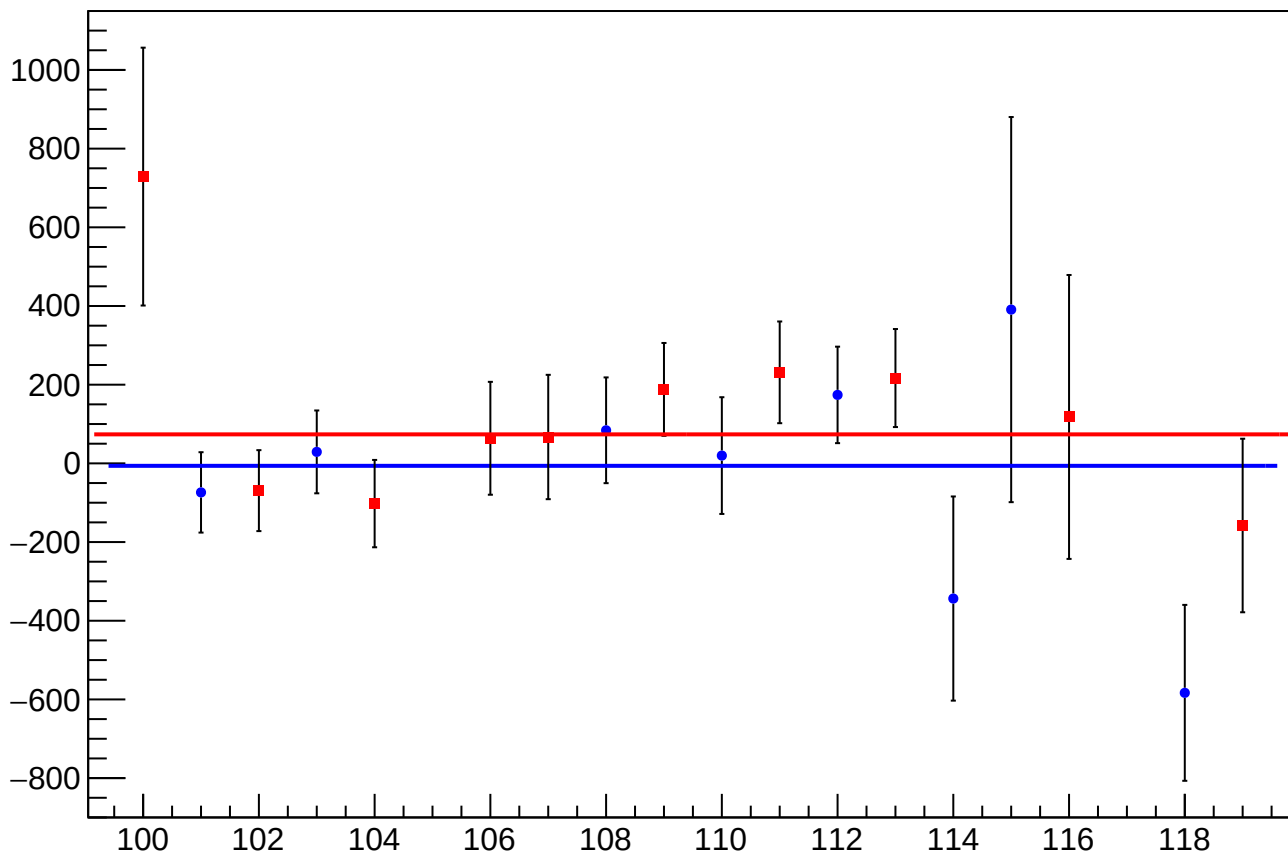
Right: 0.000+/-0.000 χ^2/NDF : 1203704.0/17

In: 0.000+/-0.000 χ^2/NDF : 741170.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1203704.0/17

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.249+/-50.482 χ^2/NDF : 12.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.727+/-44.816 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

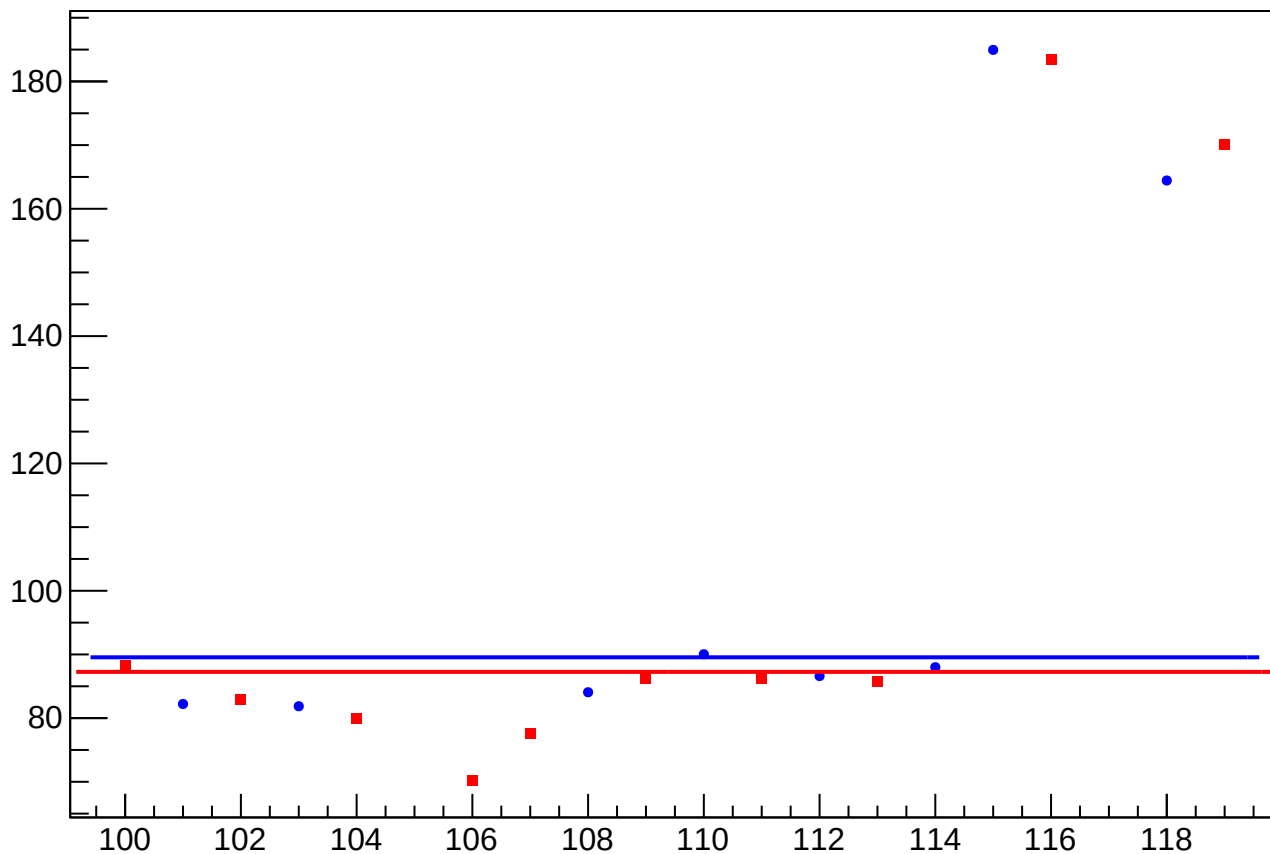
Right: 38.477+/-33.515 χ^2/NDF : 26.9/17

In: -6.249+/-50.482 χ^2/NDF : 12.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.477+/-33.515 χ^2/NDF : 26.9/17

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 89.551+/-0.036 χ^2/NDF : 325966.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.265+/-0.032 χ^2/NDF : 473309.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

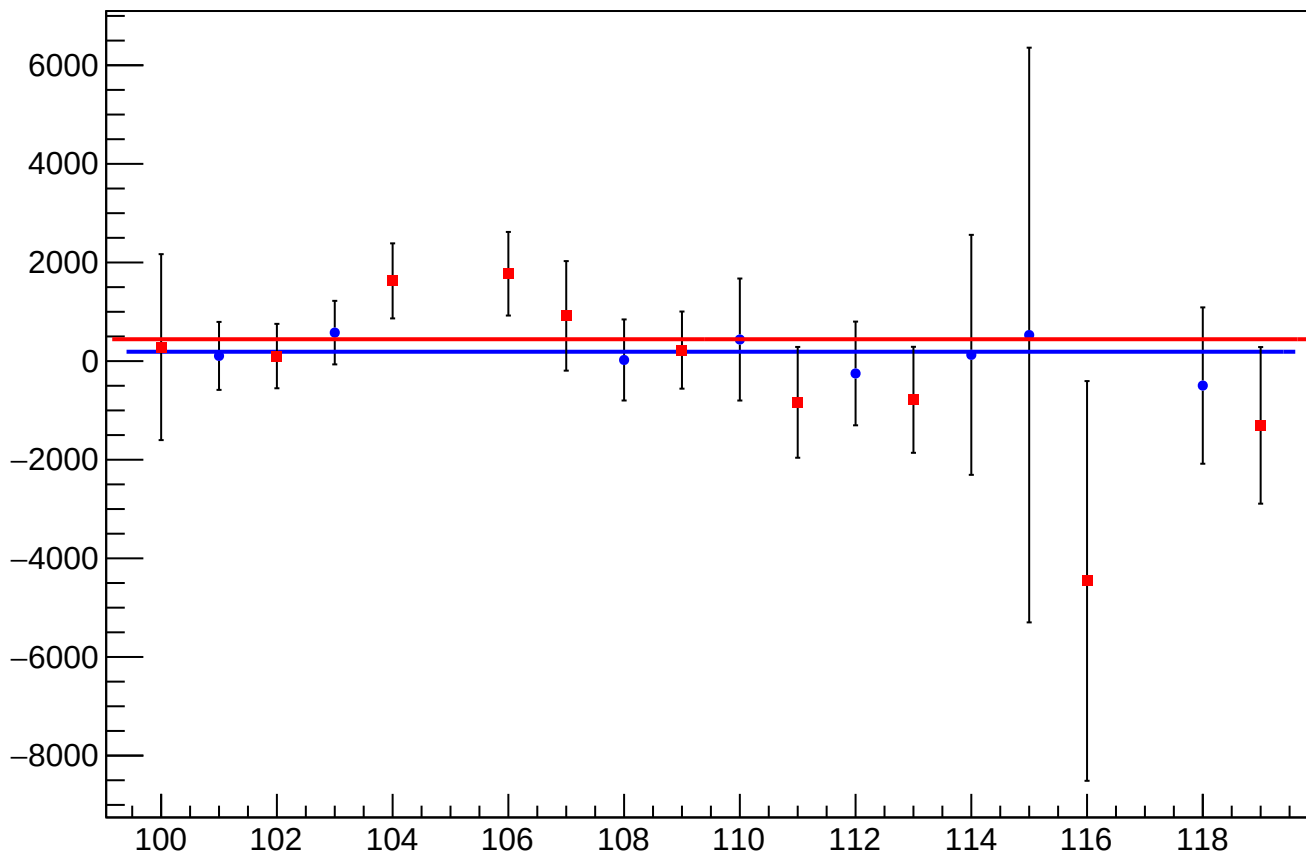
Right: 88.273+/-0.024 χ^2/NDF : 801569.8/17

In: 89.551+/-0.036 χ^2/NDF : 325966.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.273+/-0.024 χ^2/NDF : 801569.8/17

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 189.945+/-350.334 χ^2/NDF : 0.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.677+/-311.538 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

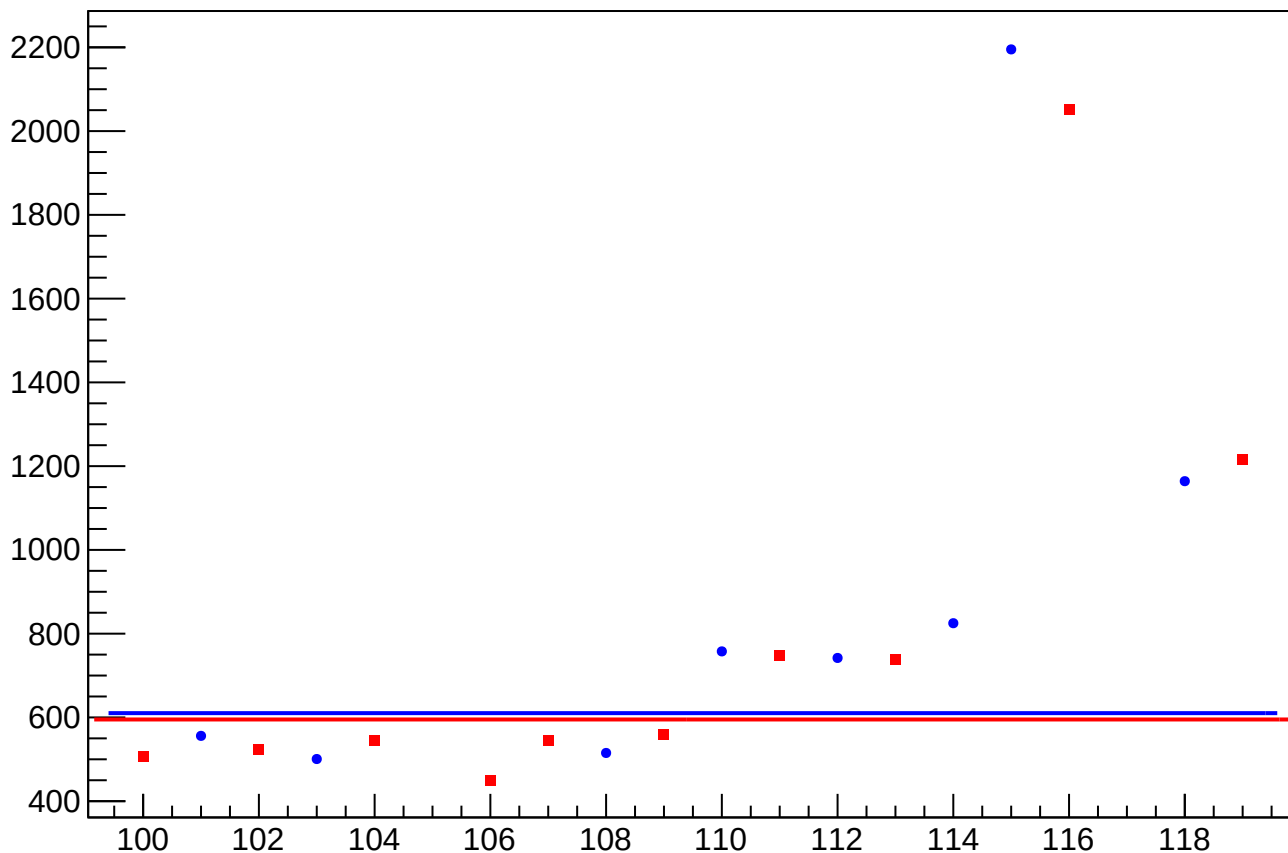
Right: 331.633+/-232.804 χ^2/NDF : 11.8/17

In: 189.945+/-350.334 χ^2/NDF : 0.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.633+/-232.804 χ^2/NDF : 11.8/17

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 610.234+/-0.248 χ^2/NDF : 564382.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 595.094+/-0.220 χ^2/NDF : 740412.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

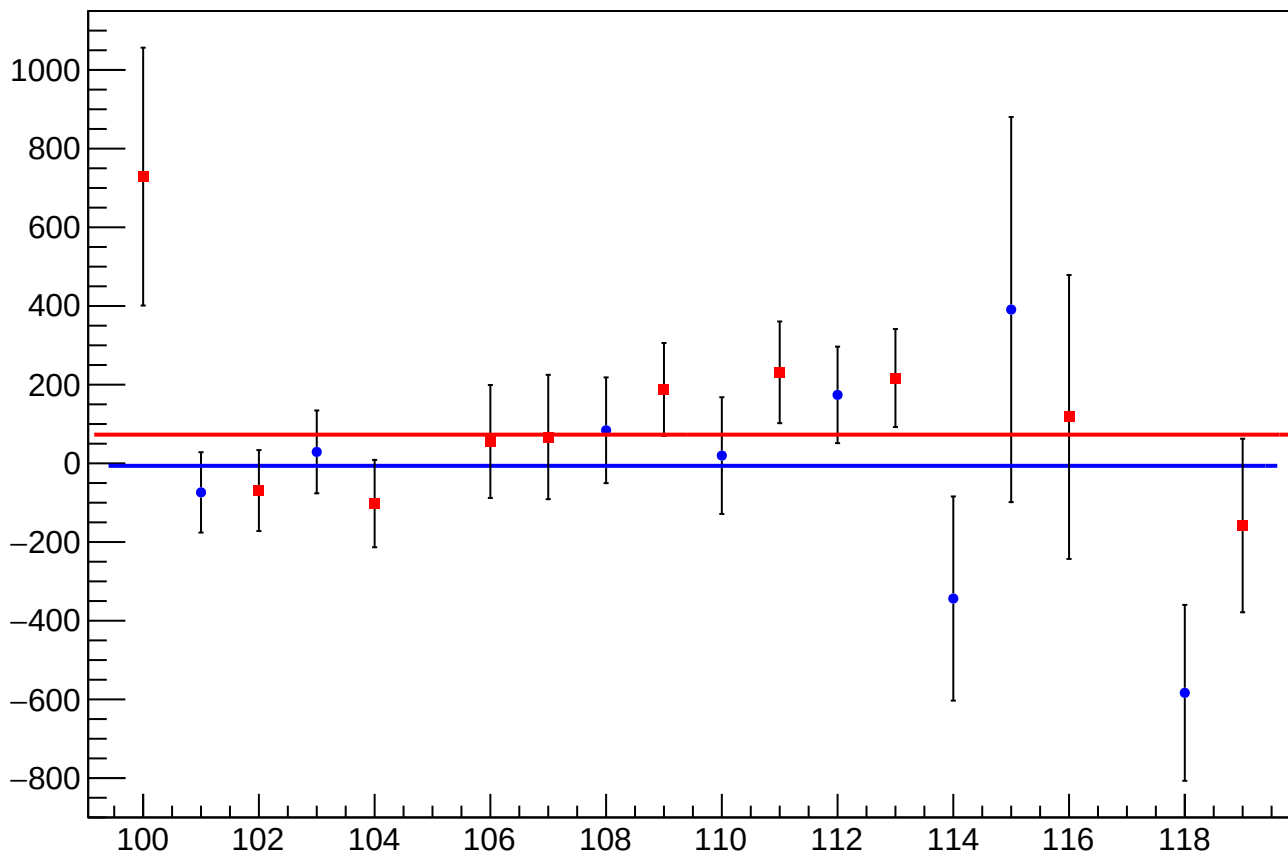
Right: 601.779+/-0.165 χ^2/NDF : 1306880.9/17

In: 610.234+/-0.248 χ^2/NDF : 564382.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 601.779+/-0.165 χ^2/NDF : 1306880.9/17

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.271+/-50.482 χ^2/NDF : 12.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.973+/-44.821 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

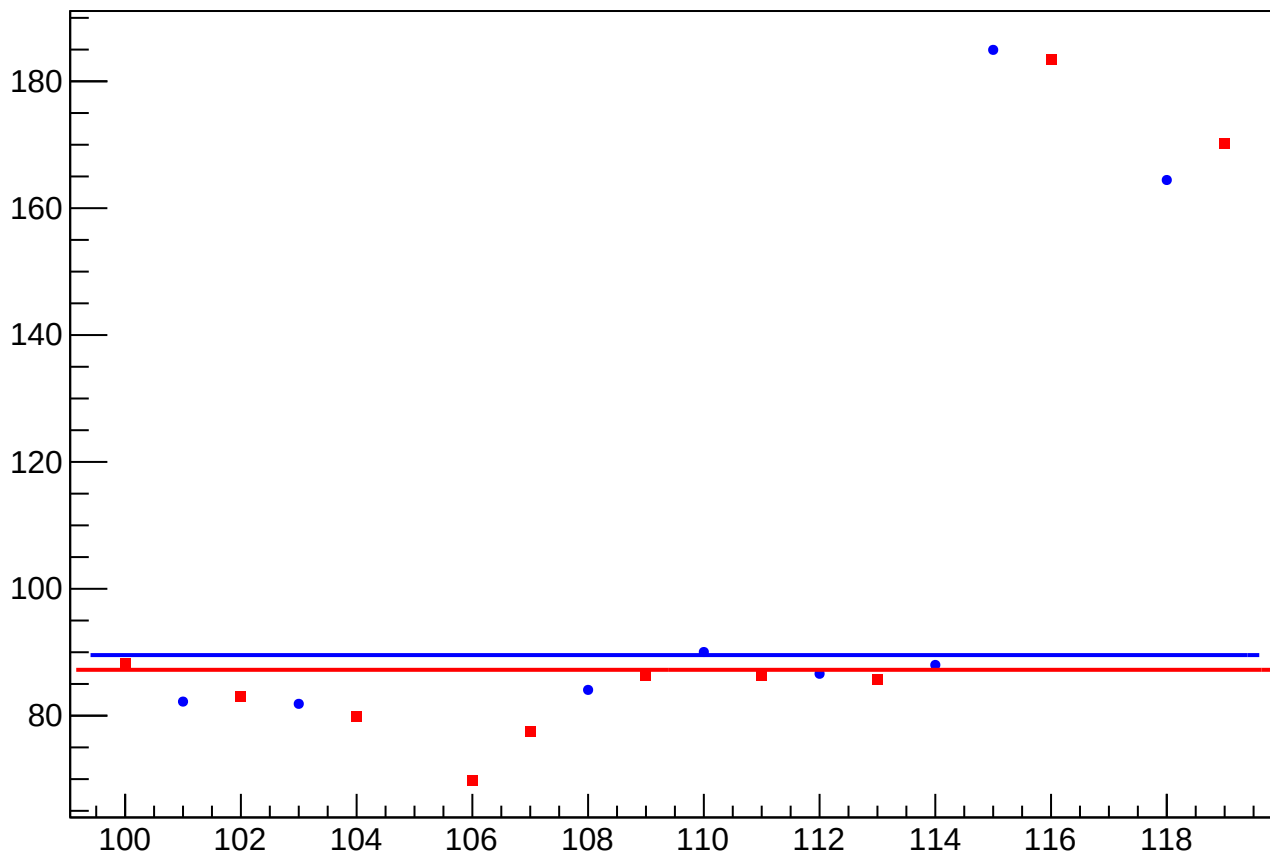
Right: 38.042+/-33.517 χ^2/NDF : 26.9/17

In: -6.271+/-50.482 χ^2/NDF : 12.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.042+/-33.517 χ^2/NDF : 26.9/17

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 89.551 $\pm$ 0.036 χ^2/NDF : 325966.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 87.229 $\pm$ 0.032 χ^2/NDF : 474652.8/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

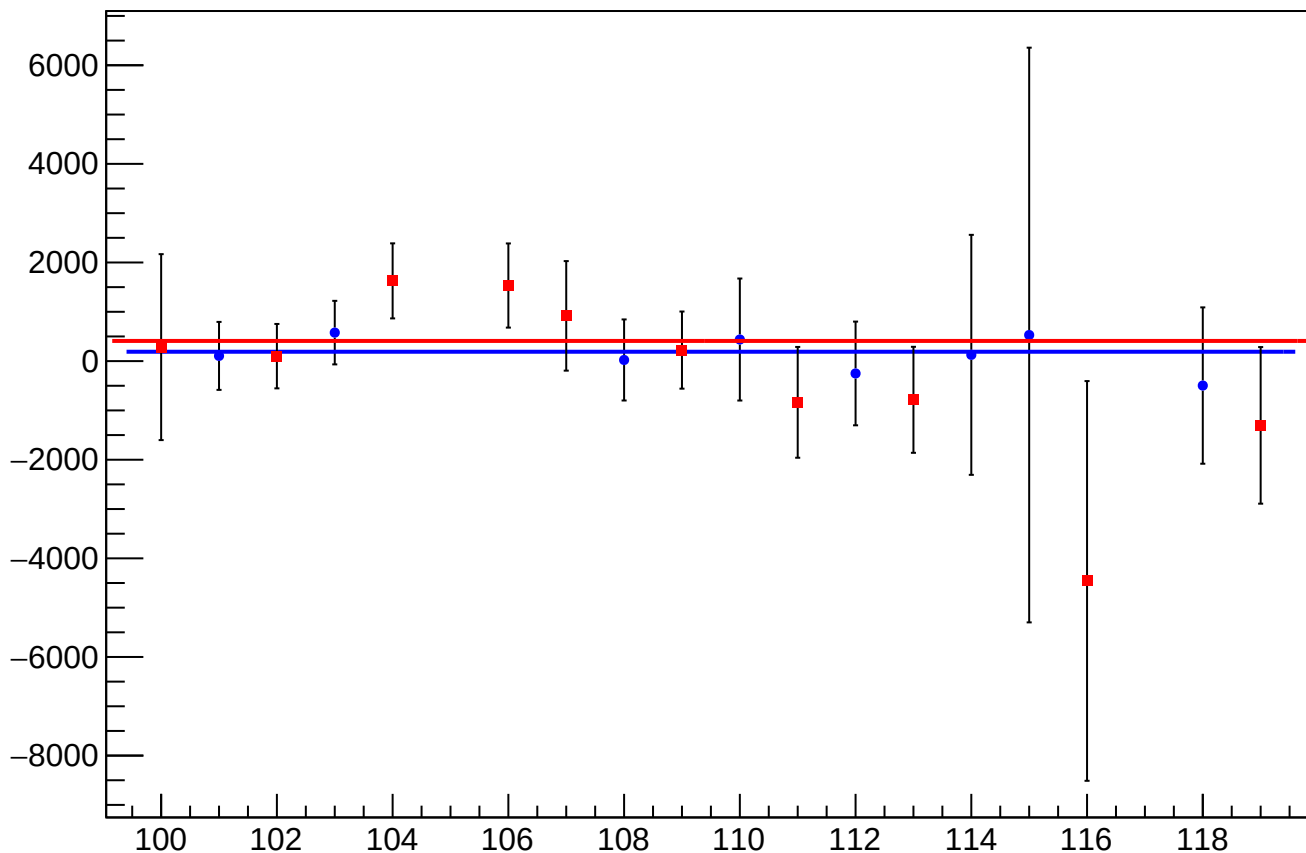
Right: 88.253 $\pm$ 0.024 χ^2/NDF : 802985.1/17

In: 89.551 $\pm$ 0.036 χ^2/NDF : 325966.1/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 88.253 $\pm$ 0.024 χ^2/NDF : 802985.1/17

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 189.946+/-350.334 χ^2/NDF : 0.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.042+/-311.812 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

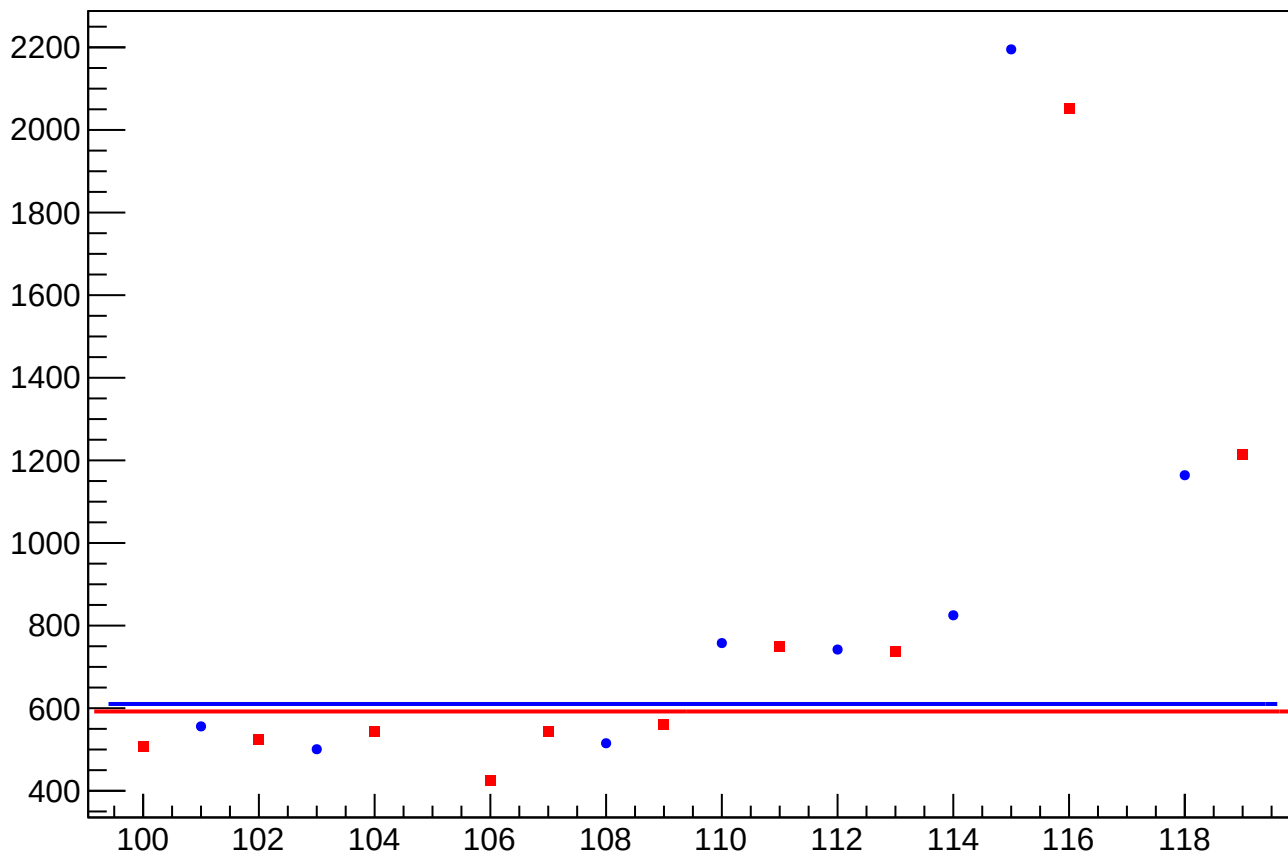
Right: 312.197+/-232.918 χ^2/NDF : 10.9/17

In: 189.946+/-350.334 χ^2/NDF : 0.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.197+/-232.918 χ^2/NDF : 10.9/17

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 610.233+/-0.248 χ^2/NDF : 564383.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.094+/-0.220 χ^2/NDF : 760646.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

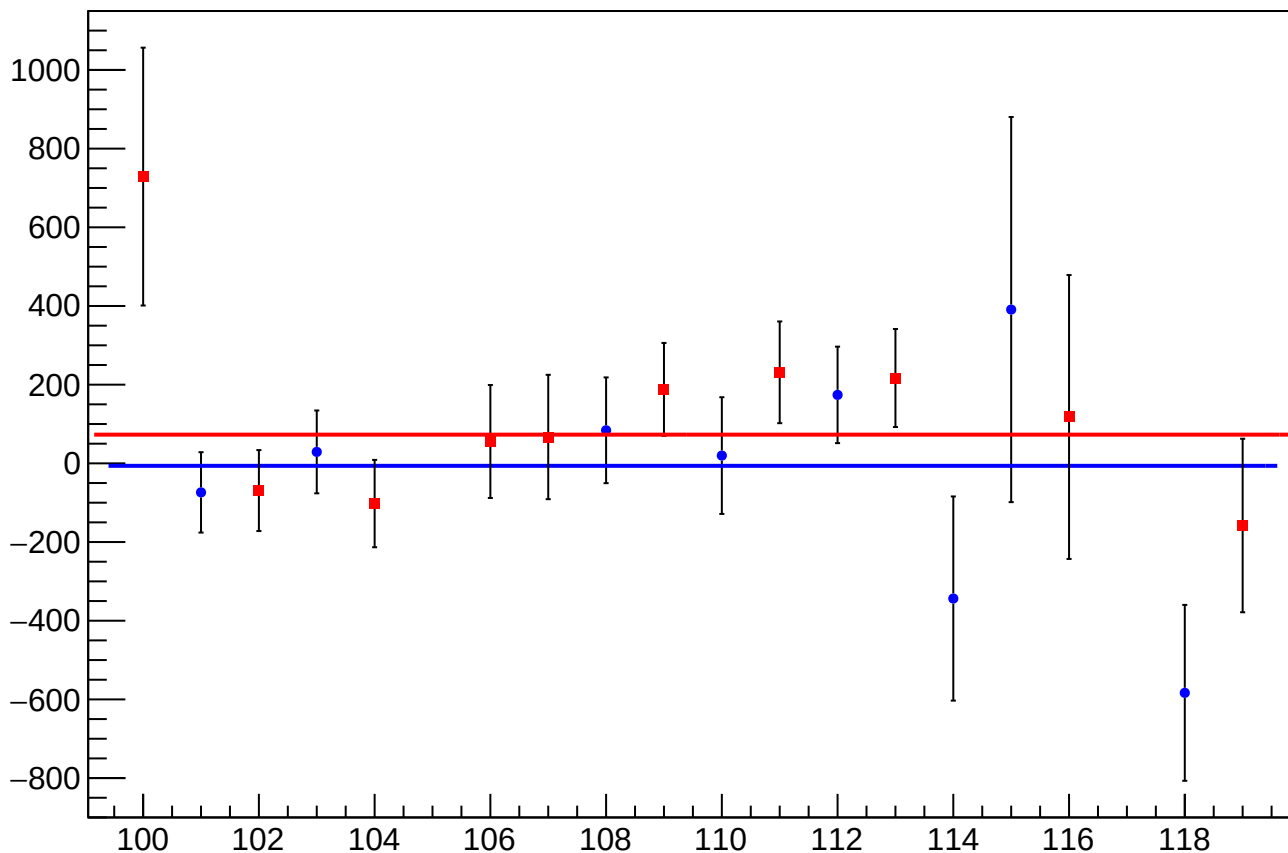
Right: 600.112+/-0.165 χ^2/NDF : 1328021.2/17

In: 610.233+/-0.248 χ^2/NDF : 564383.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.112+/-0.165 χ^2/NDF : 1328021.2/17

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: -6.271+/-50.482 χ^2/NDF : 12.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.973+/-44.821 χ^2/NDF : 13.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

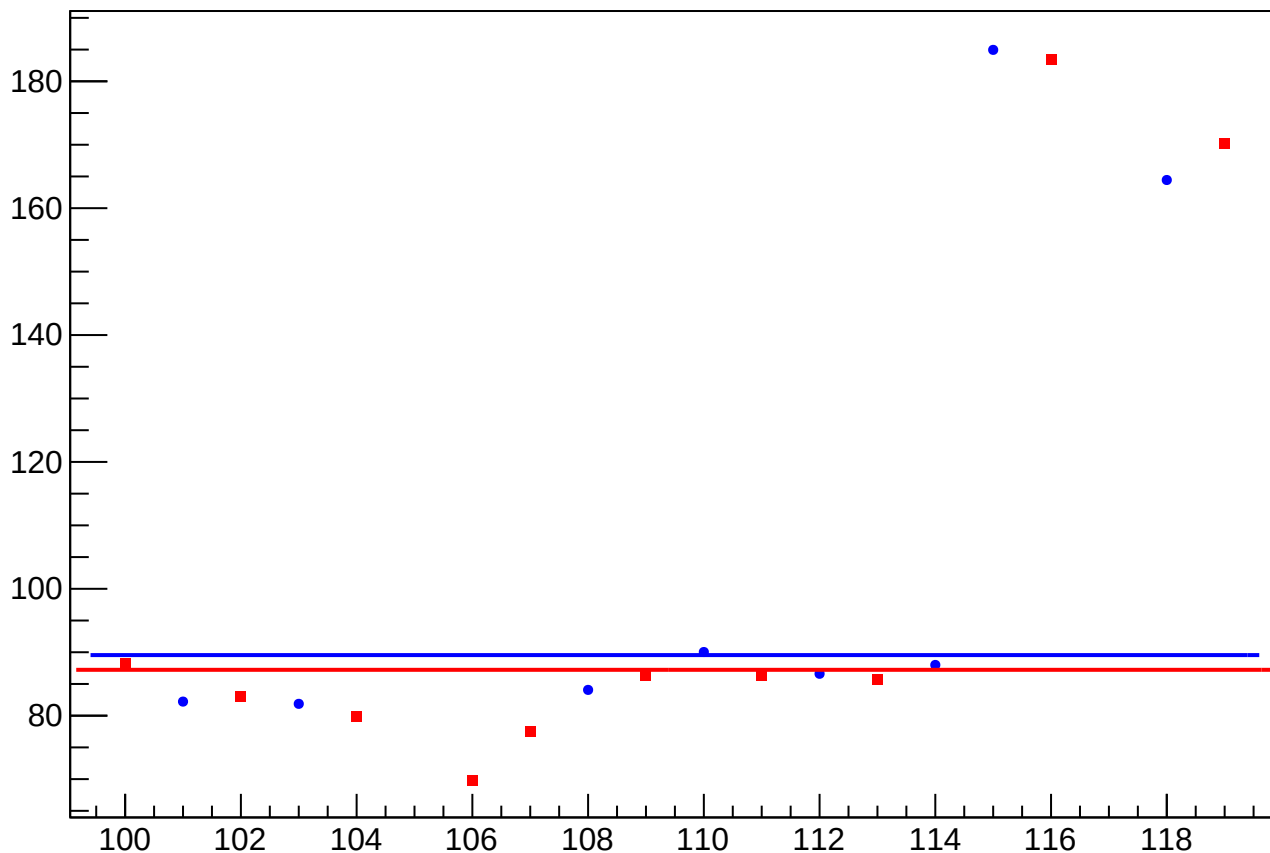
Right: 38.042+/-33.517 χ^2/NDF : 26.9/17

In: -6.271+/-50.482 χ^2/NDF : 12.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.042+/-33.517 χ^2/NDF : 26.9/17

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 89.551 $\pm$ 0.036 χ^2 /NDF: 325966.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.229 $\pm$ 0.032 χ^2 /NDF: 474652.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

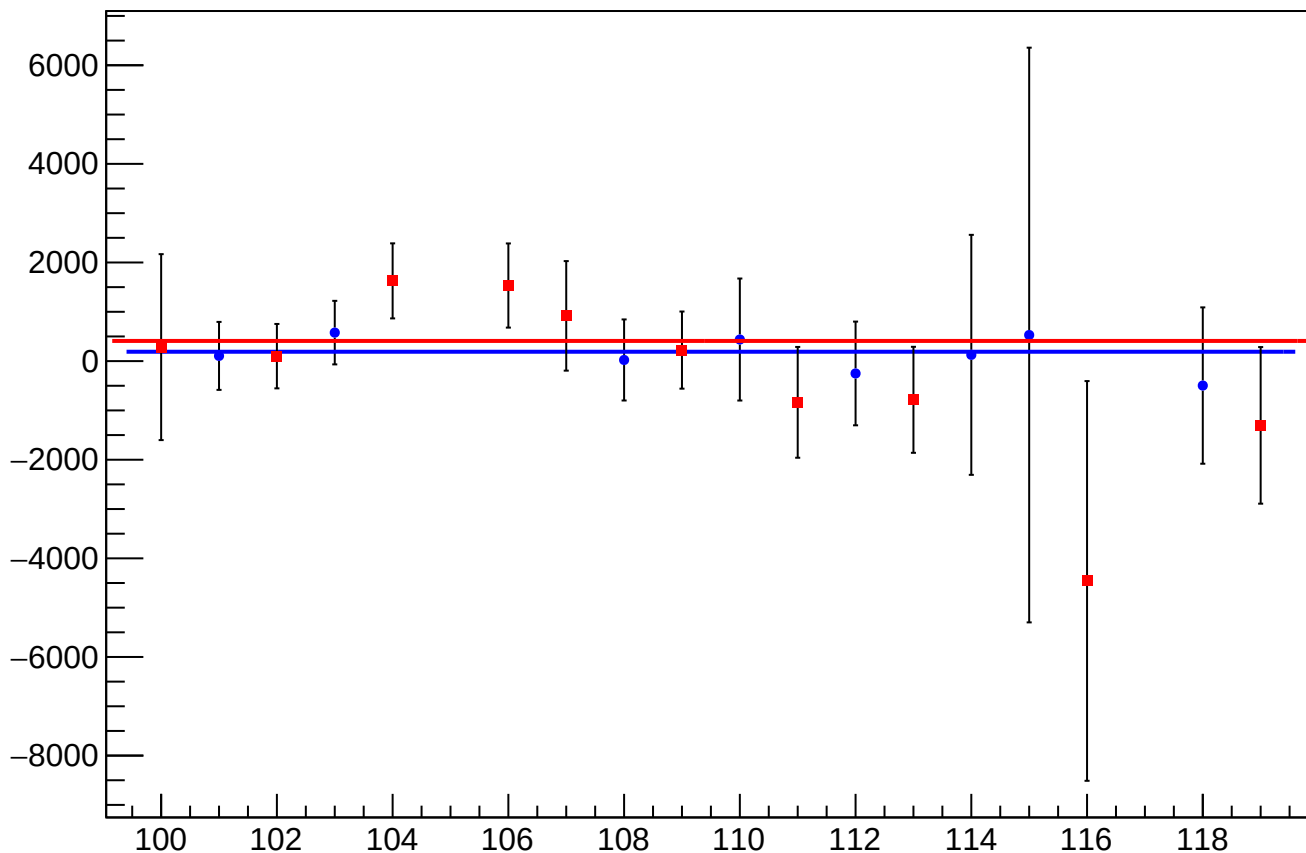
Right: 88.253 $\pm$ 0.024 χ^2 /NDF: 802985.1/17

In: 89.551 $\pm$ 0.036 χ^2 /NDF:325966.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.253 $\pm$ 0.024 χ^2 /NDF: 802985.1/17

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 189.946+/-350.334 χ^2/NDF : 0.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.042+/-311.812 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

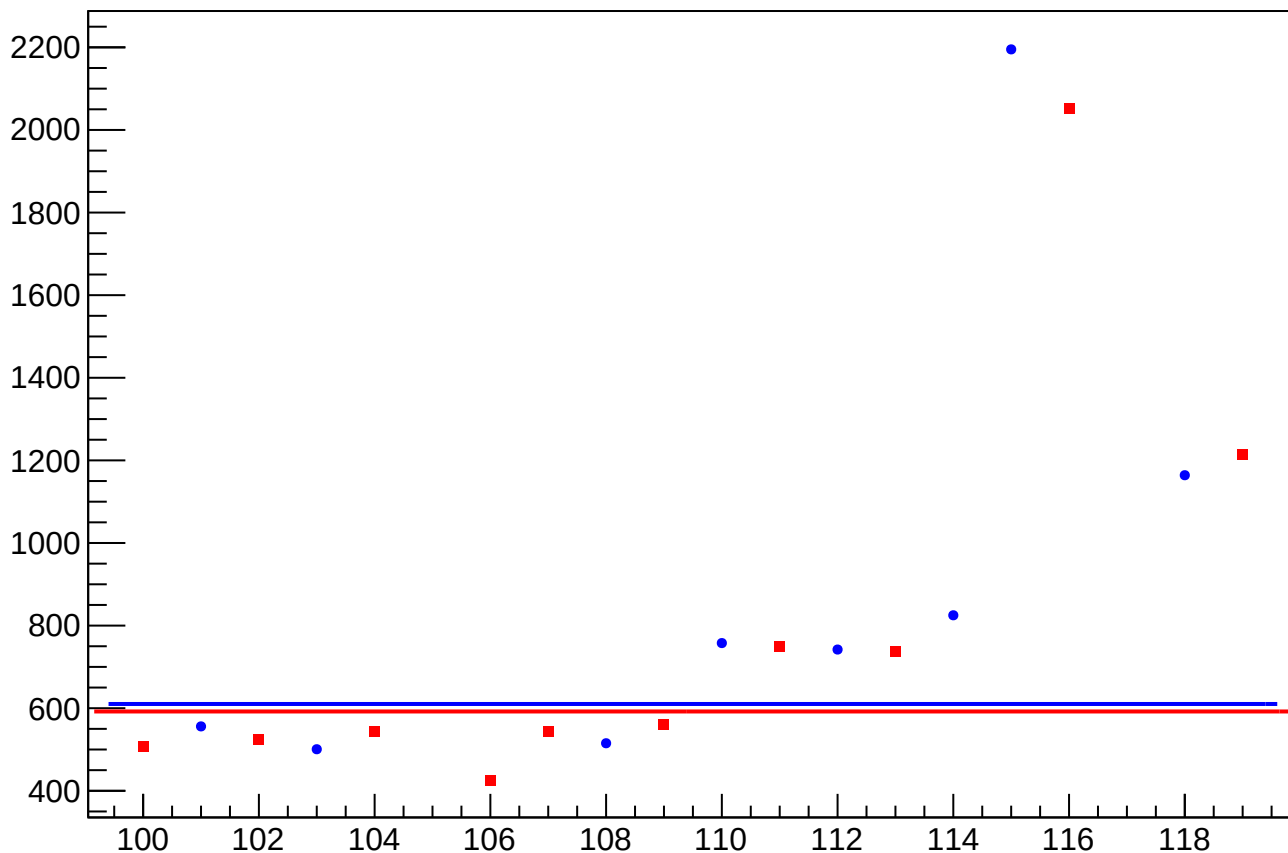
Right: 312.197+/-232.918 χ^2/NDF : 10.9/17

In: 189.946+/-350.334 χ^2/NDF : 0.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.197+/-232.918 χ^2/NDF : 10.9/17

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 610.233+/-0.248 χ^2/NDF : 564383.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.094+/-0.220 χ^2/NDF : 760646.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

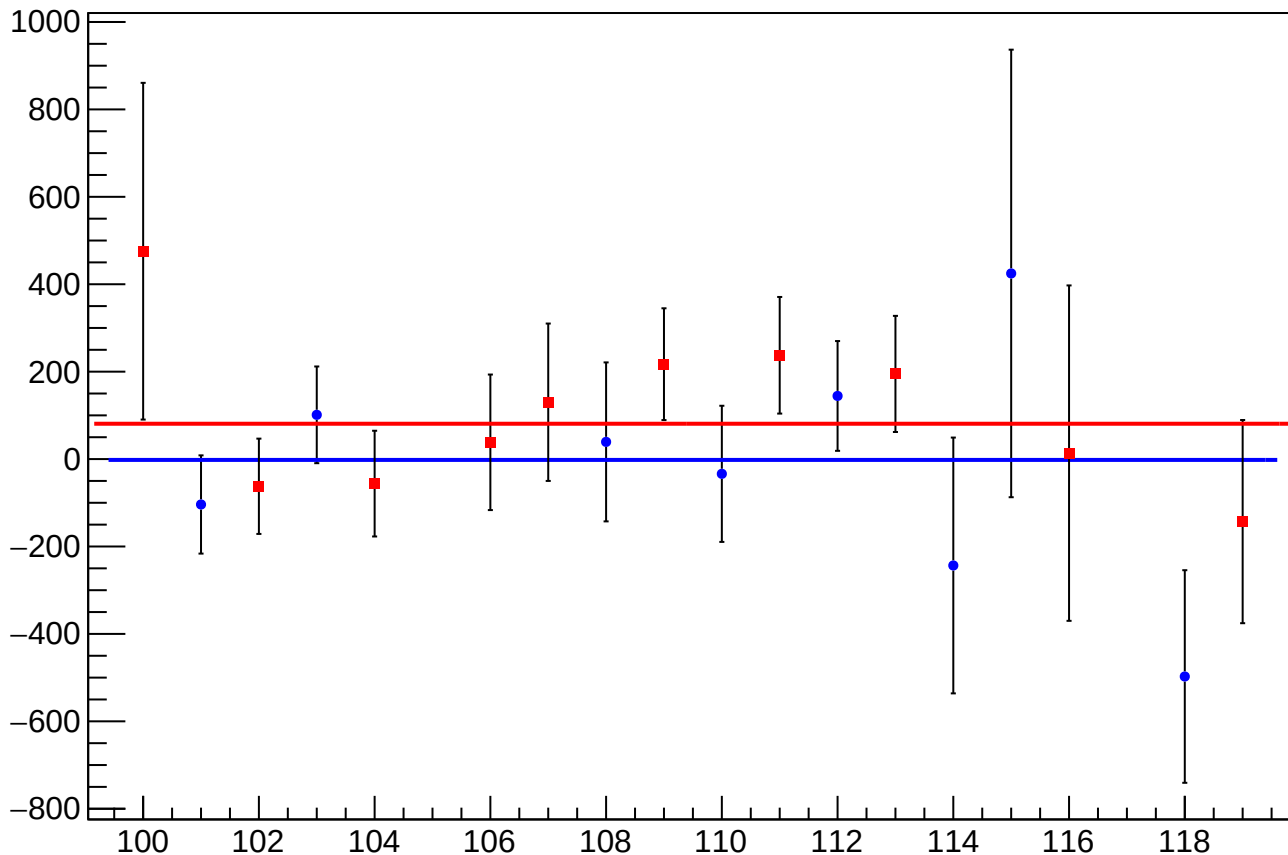
Right: 600.112+/-0.165 χ^2/NDF : 1328021.2/17

In: 610.233+/-0.248 χ^2/NDF : 564383.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.112+/-0.165 χ^2/NDF : 1328021.2/17

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -1.929+/-55.201 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.839+/-48.167 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

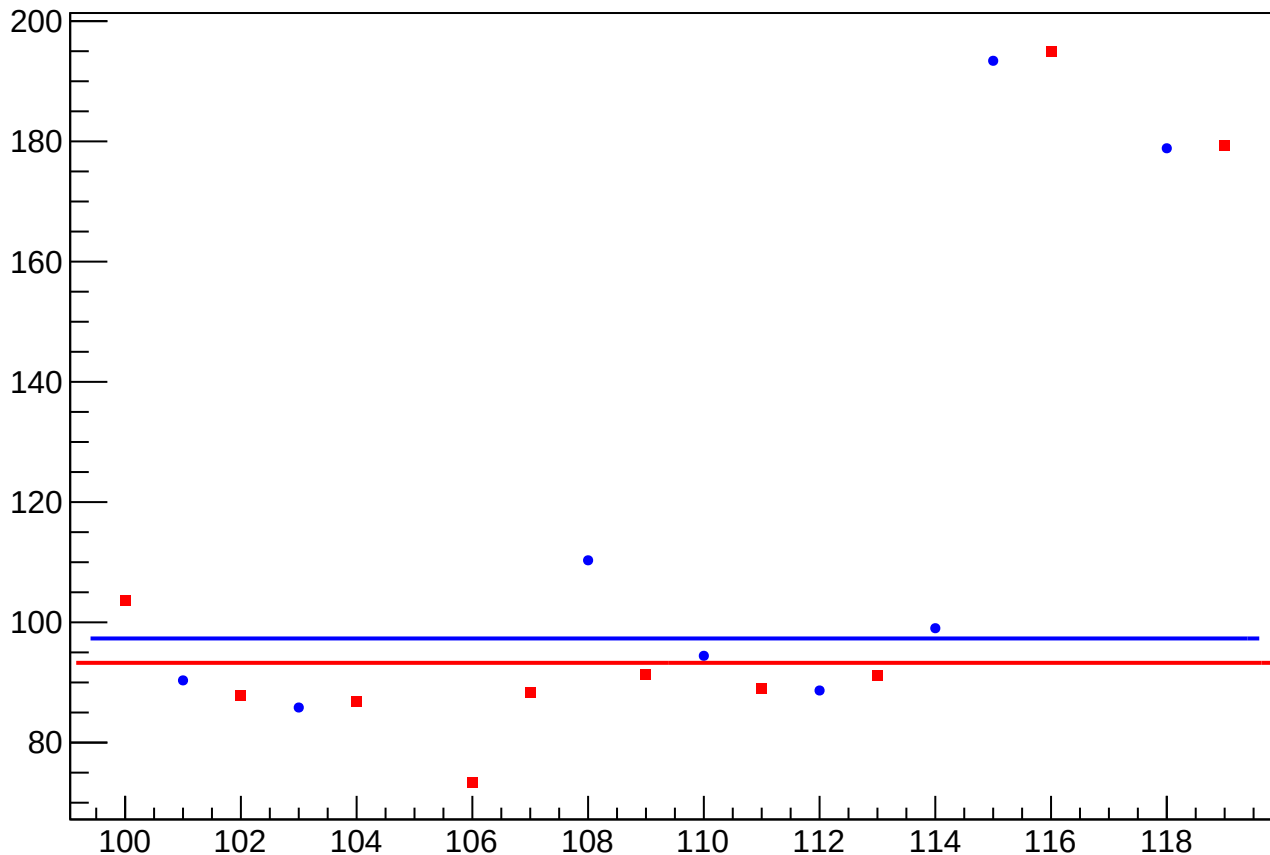
Right: 45.062+/-36.293 χ^2/NDF : 18.4/17

In: -1.929+/-55.201 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.062+/-36.293 χ^2/NDF : 18.4/17

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 97.319+/-0.039 χ^2/NDF : 344981.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.264+/-0.034 χ^2/NDF : 463768.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

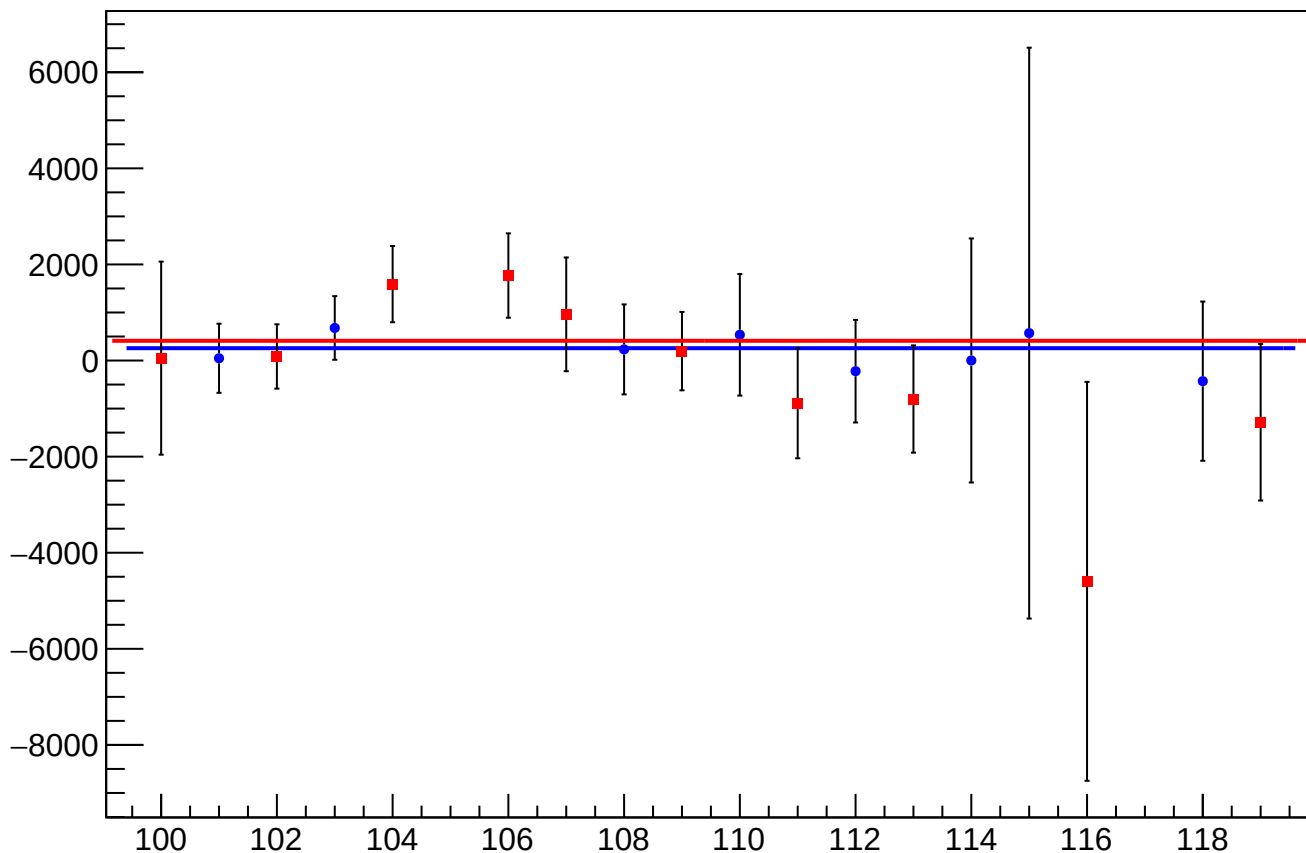
Right: 95.017+/-0.026 χ^2/NDF : 814875.2/17

In: 97.319+/-0.039 χ^2/NDF : 344981.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.017+/-0.026 χ^2/NDF : 814875.2/17

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.122+/-367.497 χ^2/NDF : 0.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 410.623+/-323.104 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

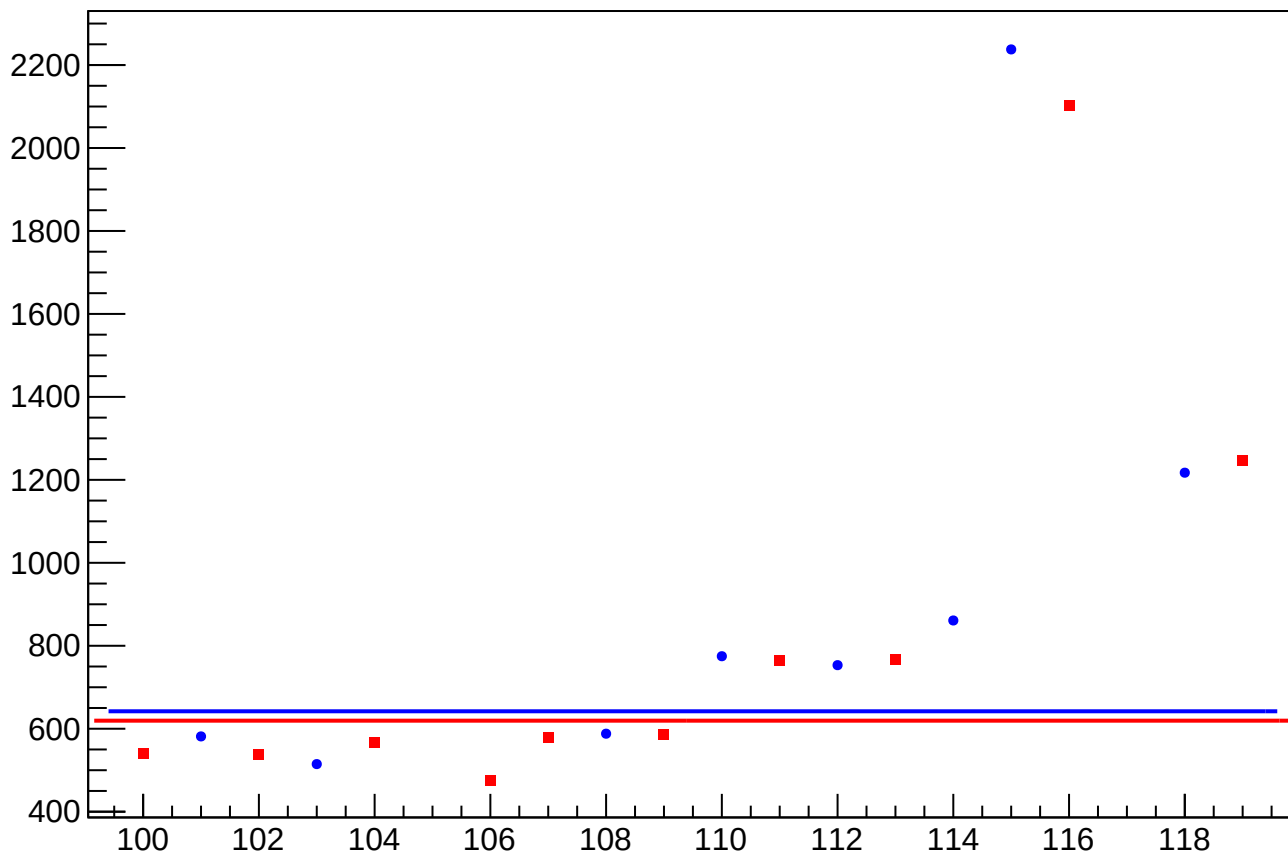
Right: 343.699+/-242.655 χ^2/NDF : 11.2/17

In: 257.122+/-367.497 χ^2/NDF : 0.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 343.699+/-242.655 χ^2/NDF : 11.2/17

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 642.065+/-0.260 χ^2/NDF : 538627.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 619.427+/-0.228 χ^2/NDF : 720096.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

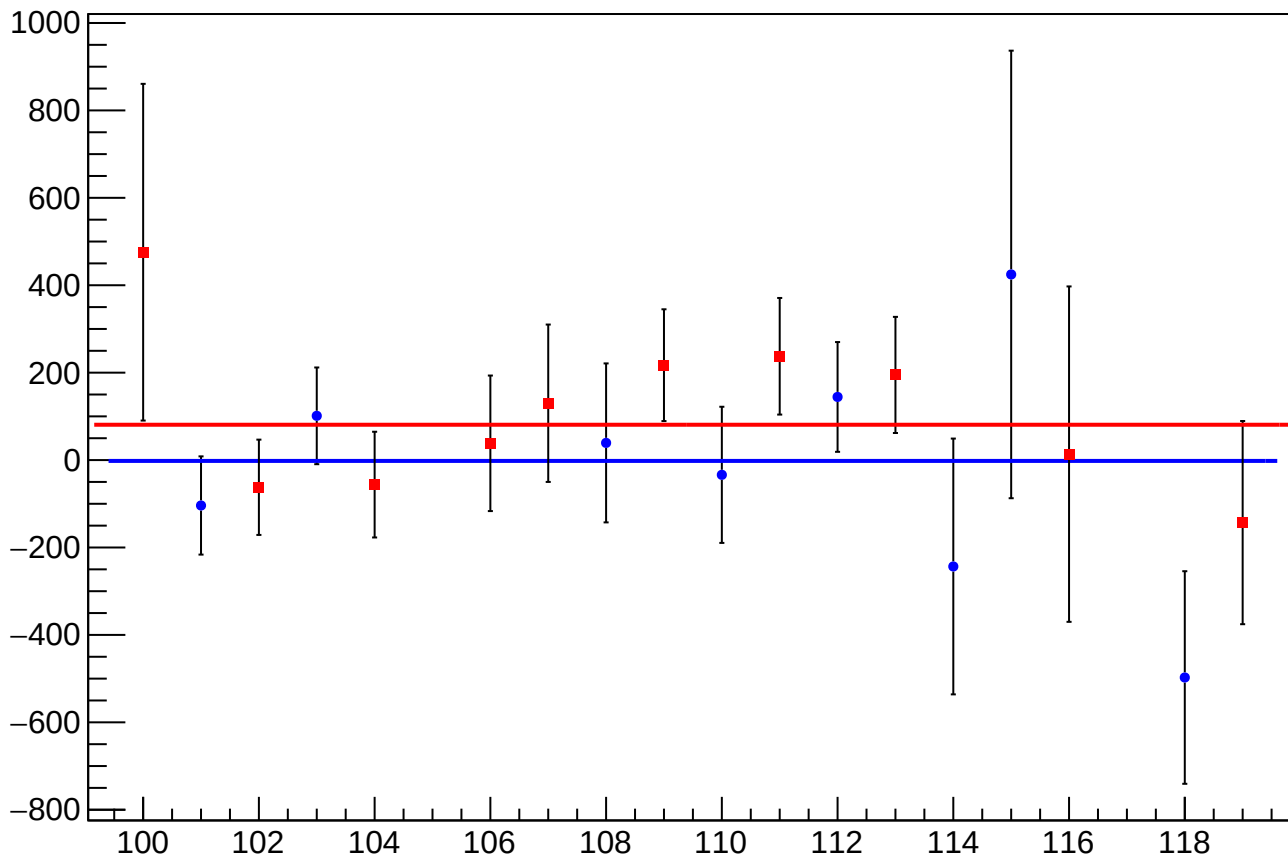
Right: 629.297+/-0.172 χ^2/NDF : 1263004.0/17

In: 642.065+/-0.260 χ^2/NDF : 538627.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.297+/-0.172 χ^2/NDF : 1263004.0/17

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: -1.930+/-55.201 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.841+/-48.167 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

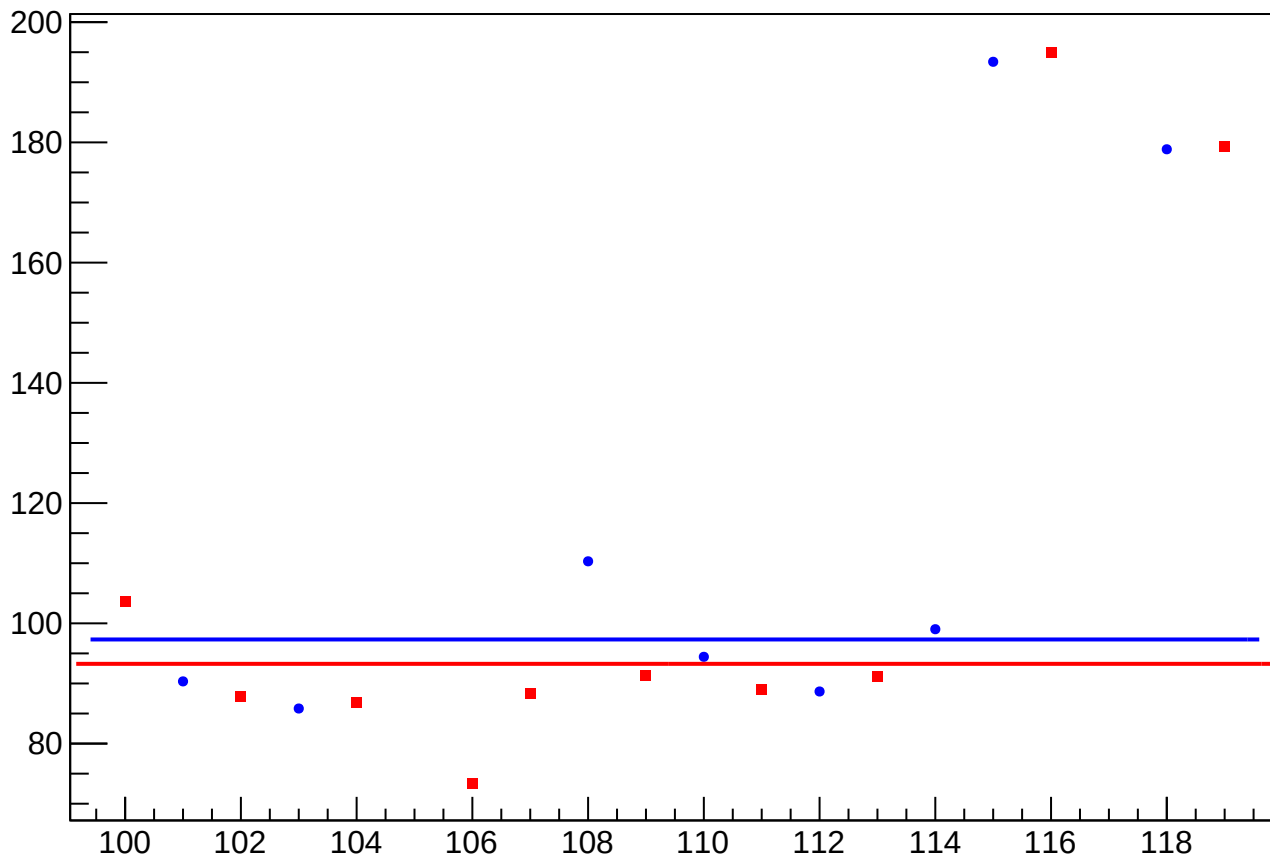
Right: 45.062+/-36.293 χ^2/NDF : 18.4/17

In: -1.930+/-55.201 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.062+/-36.293 χ^2/NDF : 18.4/17

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 97.318+/-0.039 χ^2/NDF : 344981.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.264+/-0.034 χ^2/NDF : 463768.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

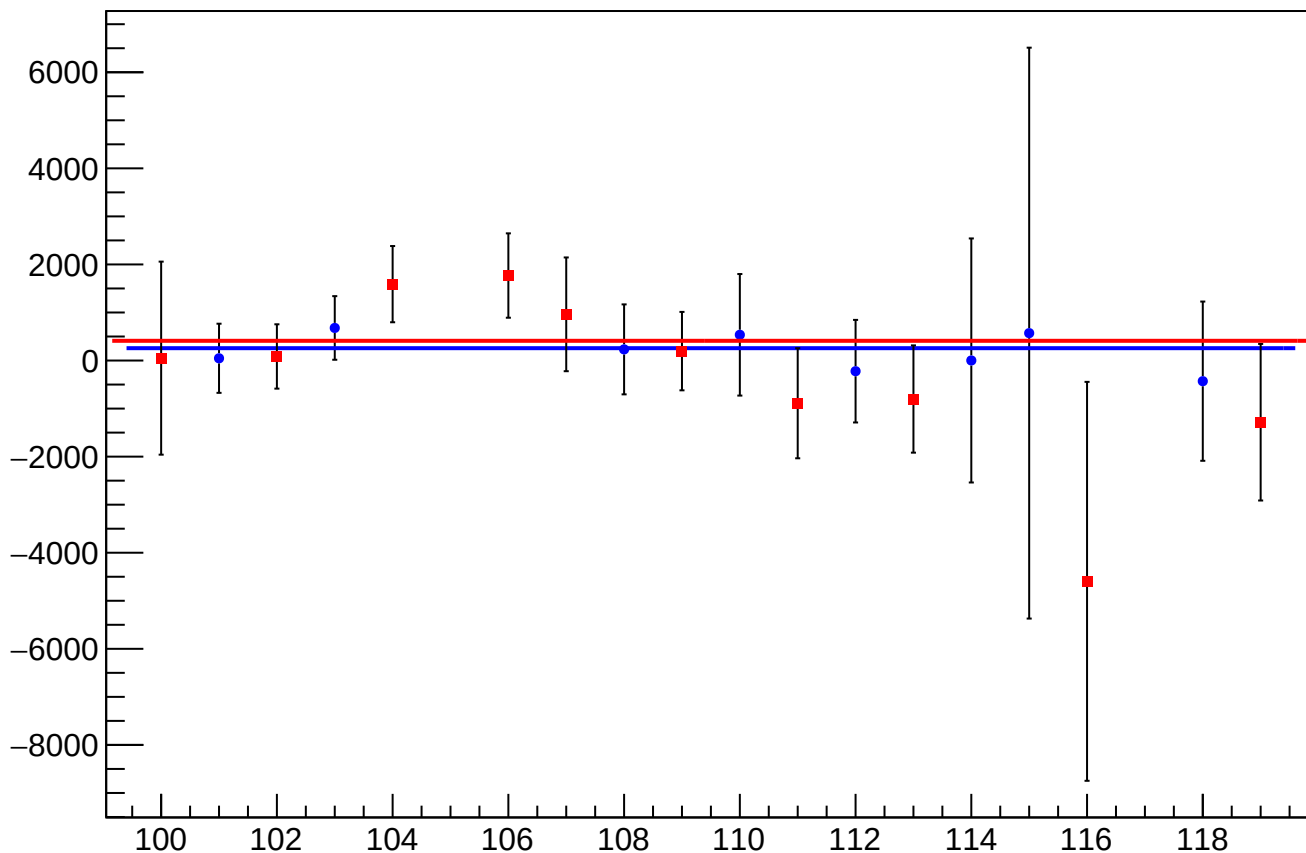
Right: 95.017+/-0.026 χ^2/NDF : 814875.0/17

In: 97.318+/-0.039 χ^2/NDF : 344981.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.017+/-0.026 χ^2/NDF : 814875.0/17

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 257.121+/-367.496 χ^2/NDF : 0.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 410.623+/-323.104 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

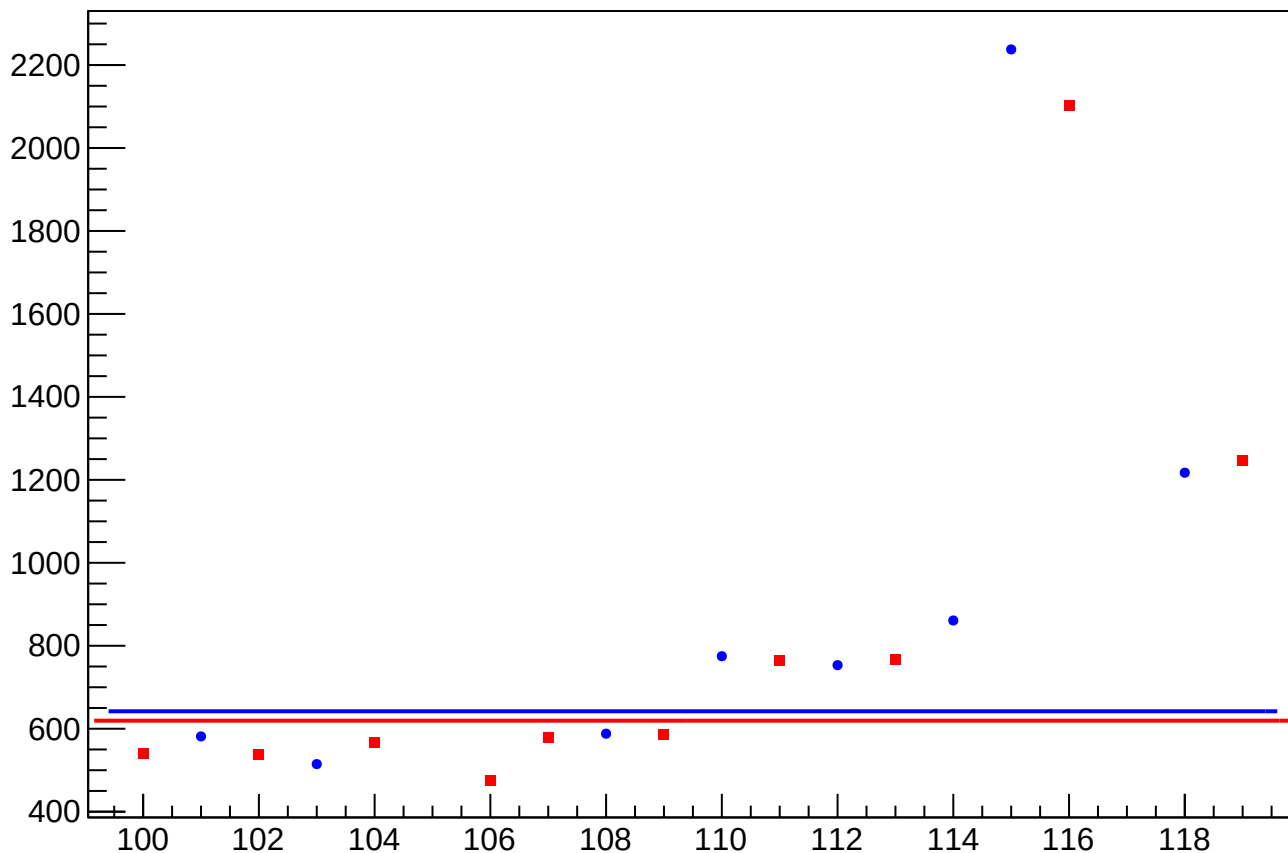
Right: 343.699+/-242.654 χ^2/NDF : 11.2/17

In: 257.121+/-367.496 χ^2/NDF :0.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 343.699+/-242.654 χ^2/NDF : 11.2/17

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 642.064 $\pm$ 0.260 χ^2 /NDF: 538626.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 619.426 $\pm$ 0.228 χ^2 /NDF: 720095.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

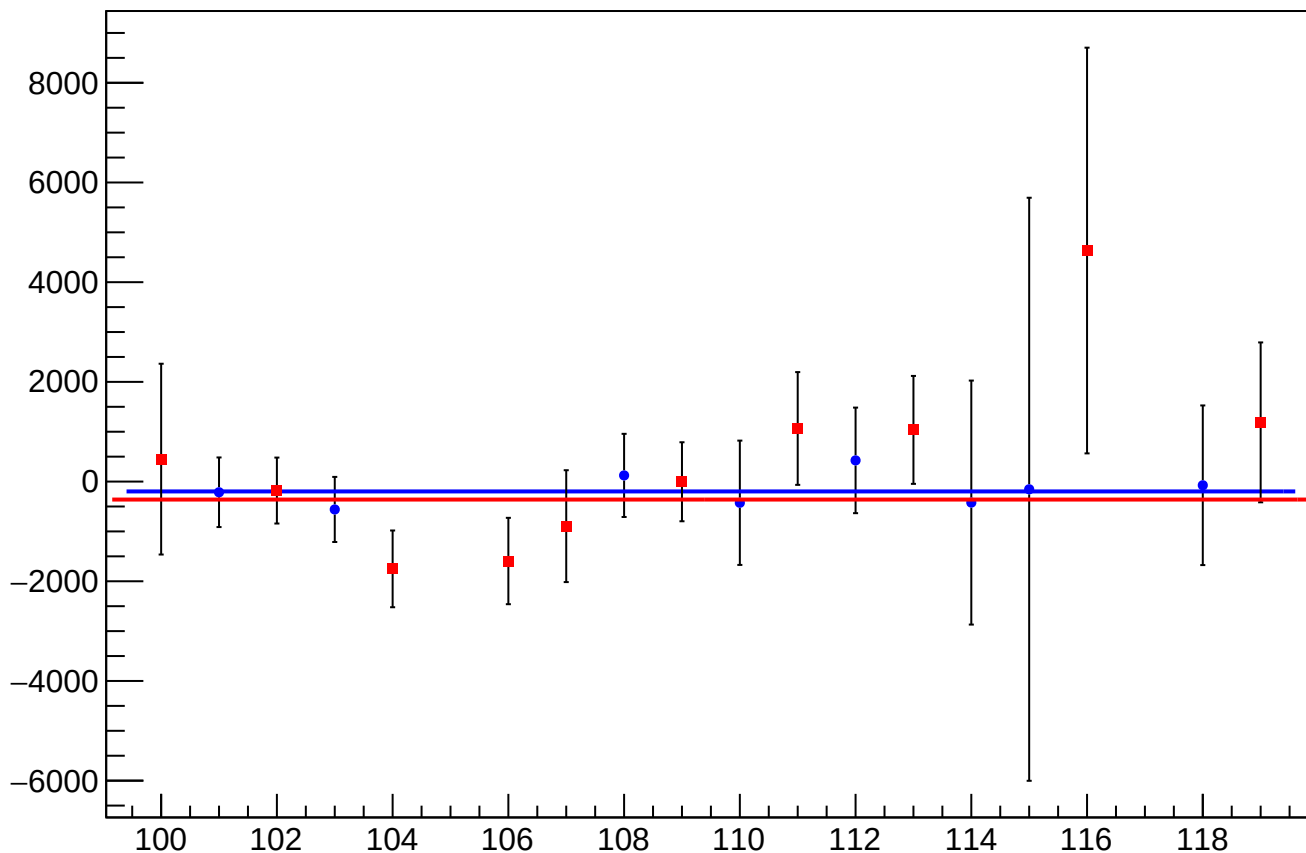
Right: 629.296 $\pm$ 0.172 χ^2 /NDF: 1263003.0/17

In: 642.064 $\pm$ 0.260 χ^2 /NDF:538626.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 629.296 $\pm$ 0.172 χ^2 /NDF: 1263003.0/17

asym_sam5_mean vs Slug, Sign Corrected



Right In: -197.607+/-354.531 χ^2/NDF : 0.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -360.763+/-315.448 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

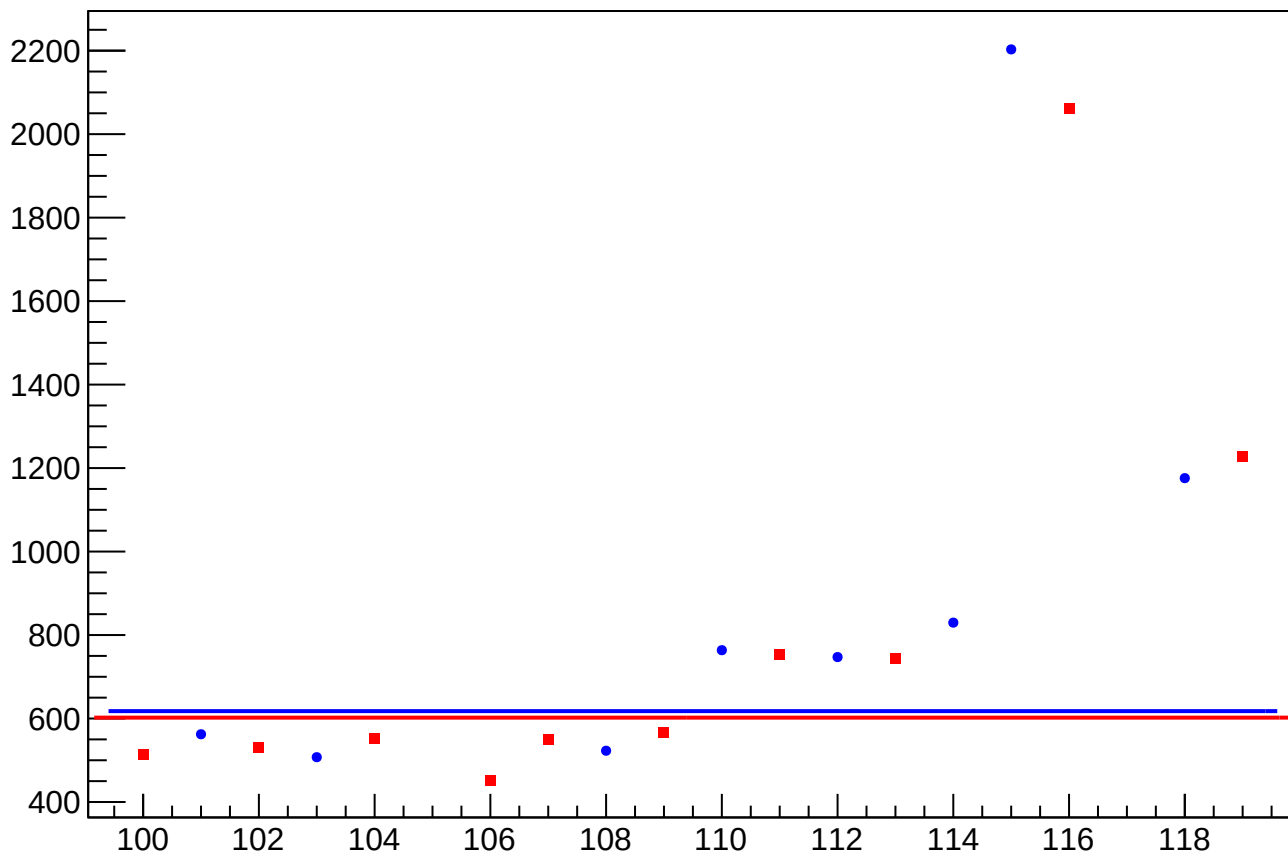
Right: -288.670+/-235.667 χ^2/NDF : 12.6/17

In: -197.607+/-354.531 χ^2/NDF : 0.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.670+/-235.667 χ^2/NDF : 12.6/17

asym_sam5_rms vs Slug, Sign Corrected



Right In: 617.710+/-0.251 χ^2/NDF : 557877.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.139+/-0.223 χ^2/NDF : 735911.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

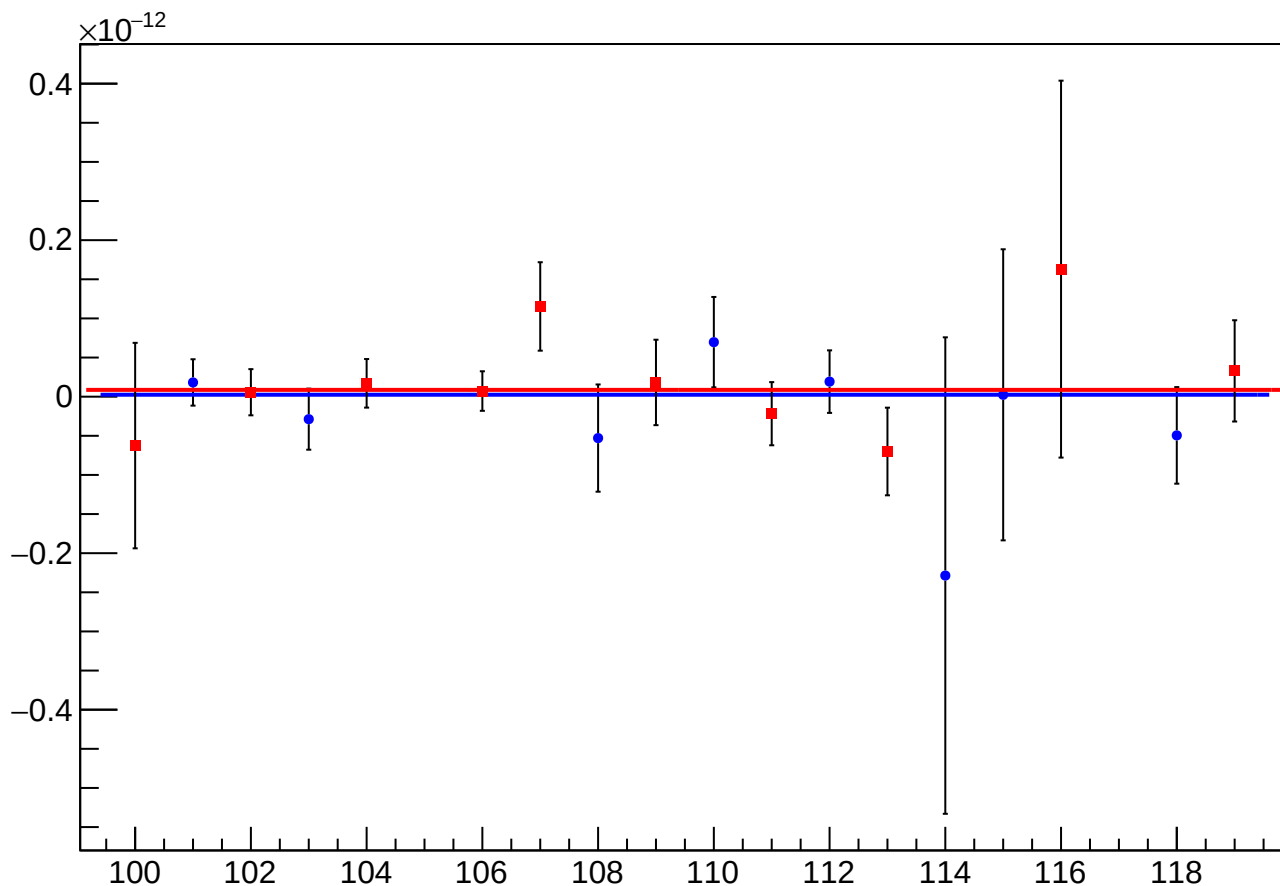
Right: 609.020+/-0.167 χ^2/NDF : 1295942.3/17

In: 617.710+/-0.251 χ^2/NDF : 557877.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.020+/-0.167 χ^2/NDF : 1295942.3/17

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

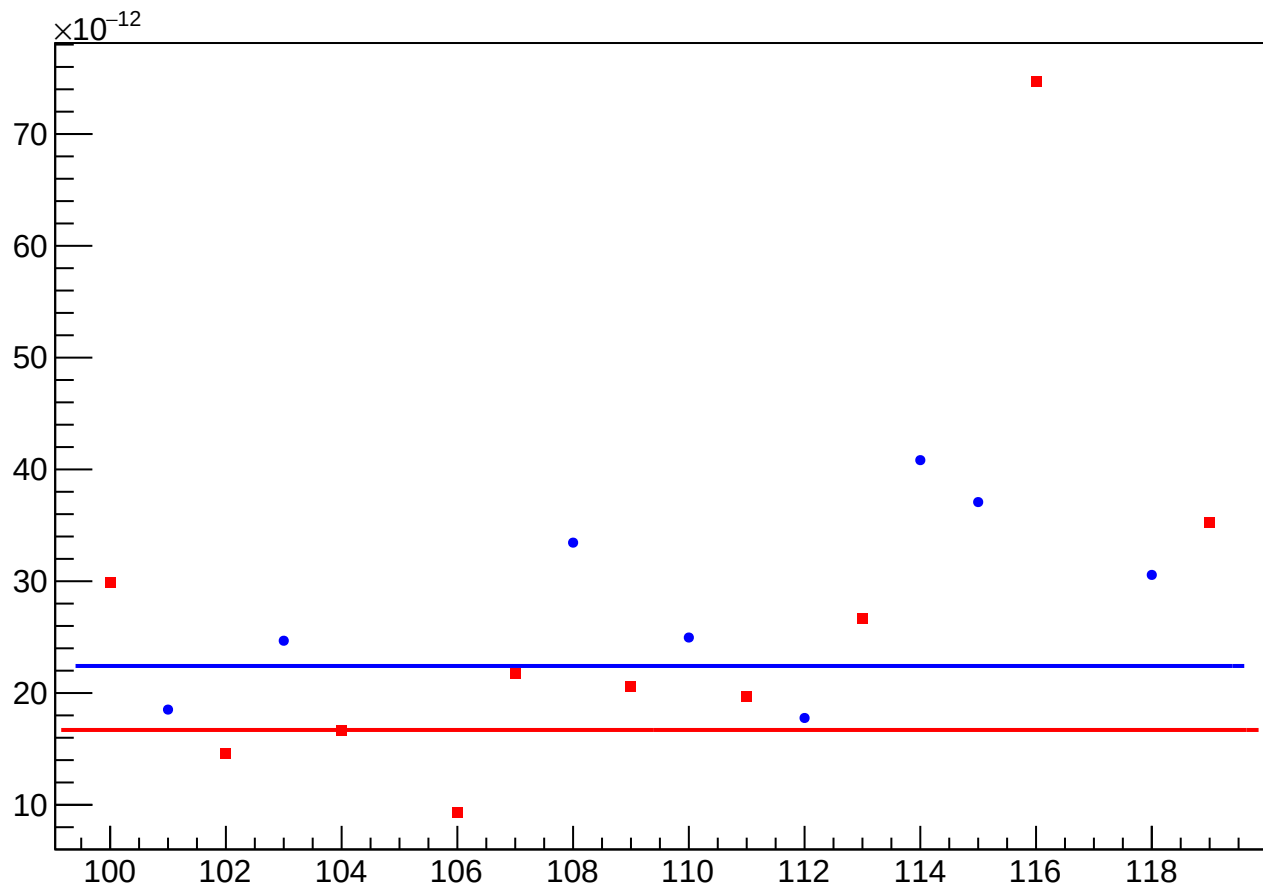
Right: 0.000+/-0.000 χ^2/NDF : 11.5/17

In: 0.000+/-0.000 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/17

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 178785.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 582683.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

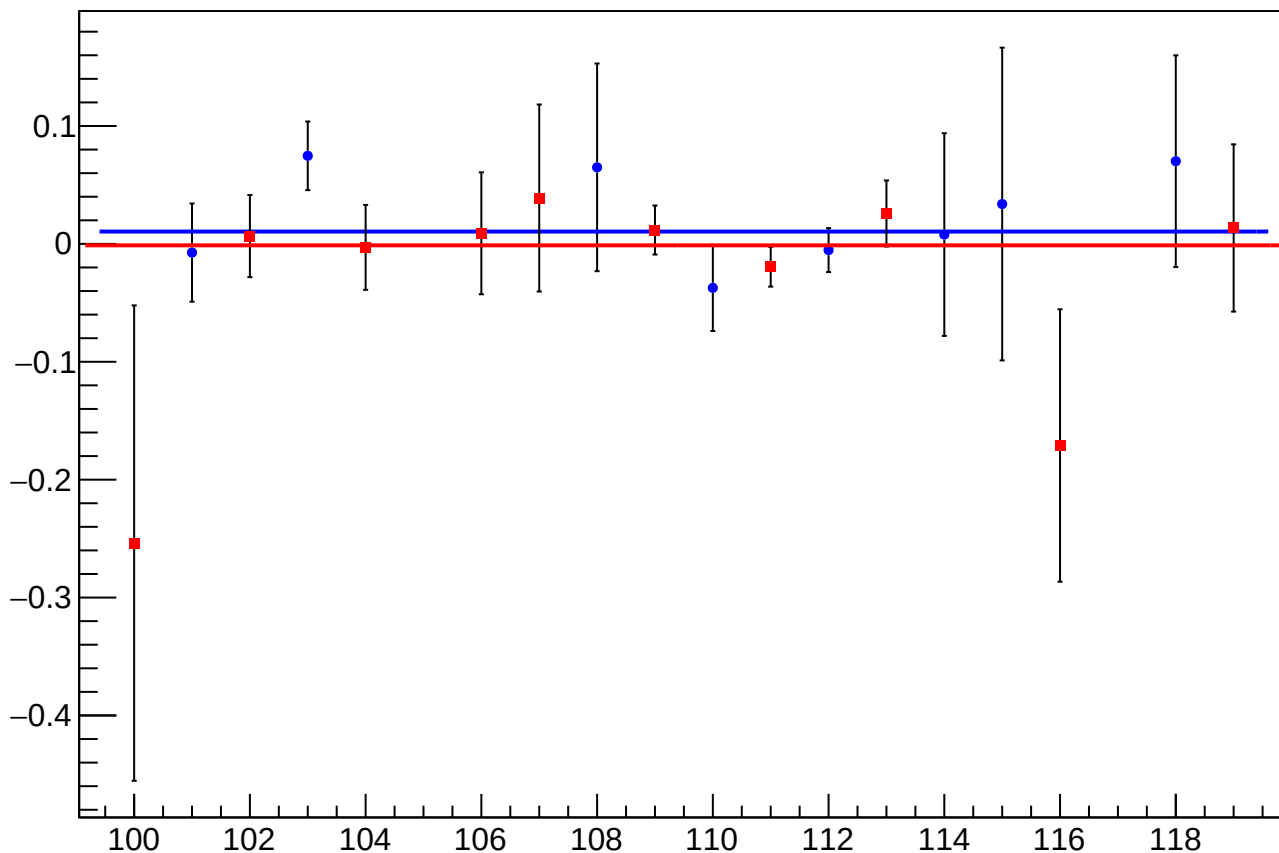
Right: 0.000+/-0.000 χ^2/NDF : 896317.0/17

In: 0.000+/-0.000 χ^2/NDF : 178785.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 896317.0/17

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.010 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

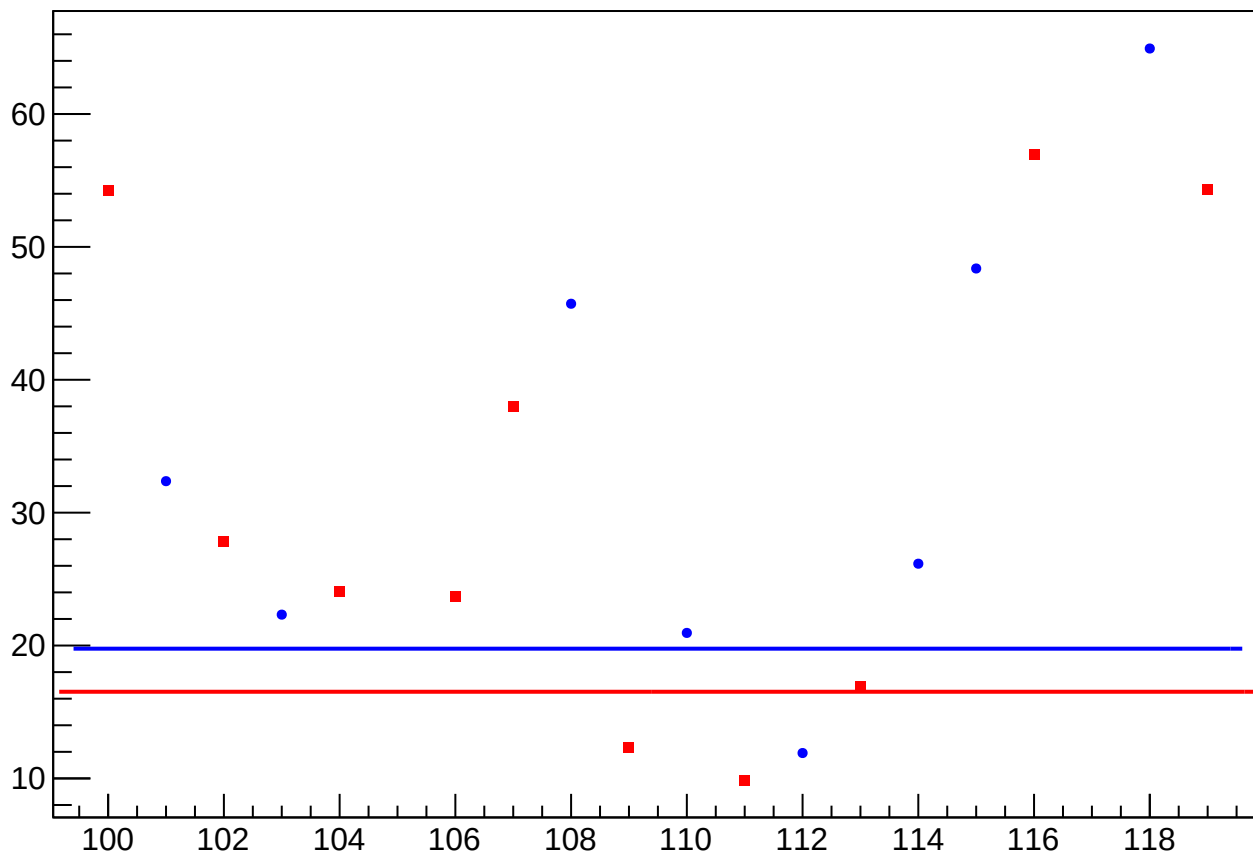
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 15.4/17

In: 0.010 $\pm$ 0.013 χ^2 /NDF:8.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 15.4/17

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.764+/-0.009 χ^2/NDF : 1339967.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

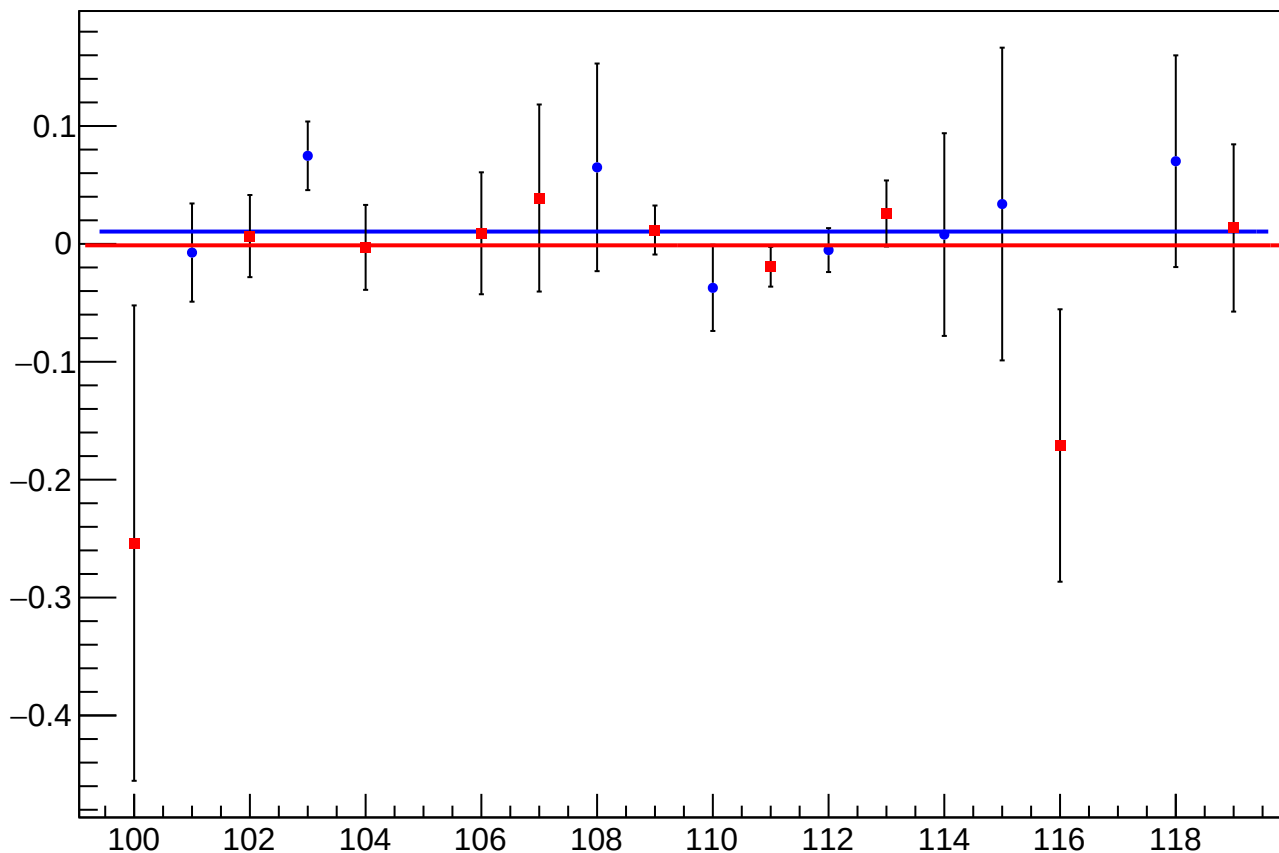
Right: 17.752+/-0.006 χ^2/NDF : 3177021.8/17

In: 19.764+/-0.009 χ^2/NDF : 1339967.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.752+/-0.006 χ^2/NDF : 3177021.8/17

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

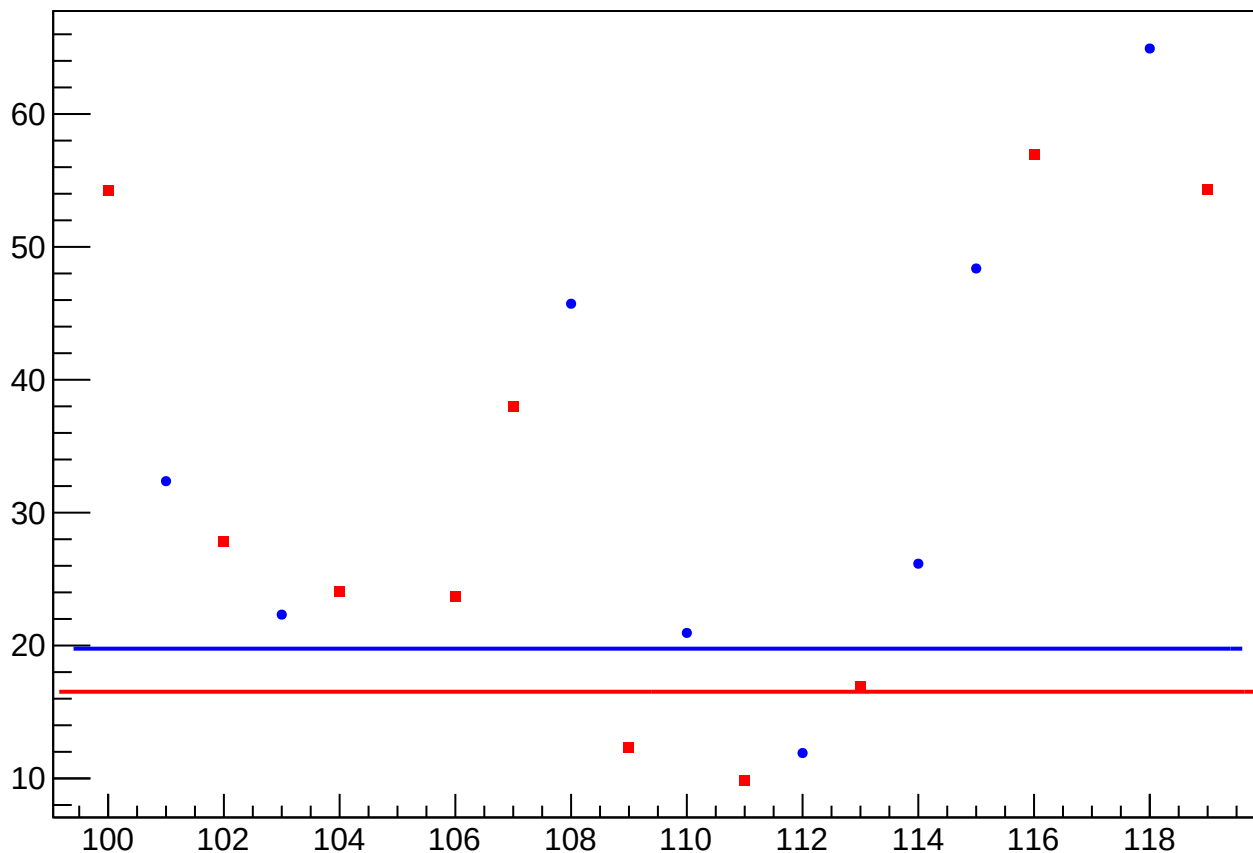
Right: 0.003+/-0.008 χ^2/NDF : 15.4/17

In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 15.4/17

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.764+/-0.009 χ^2/NDF : 1339967.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

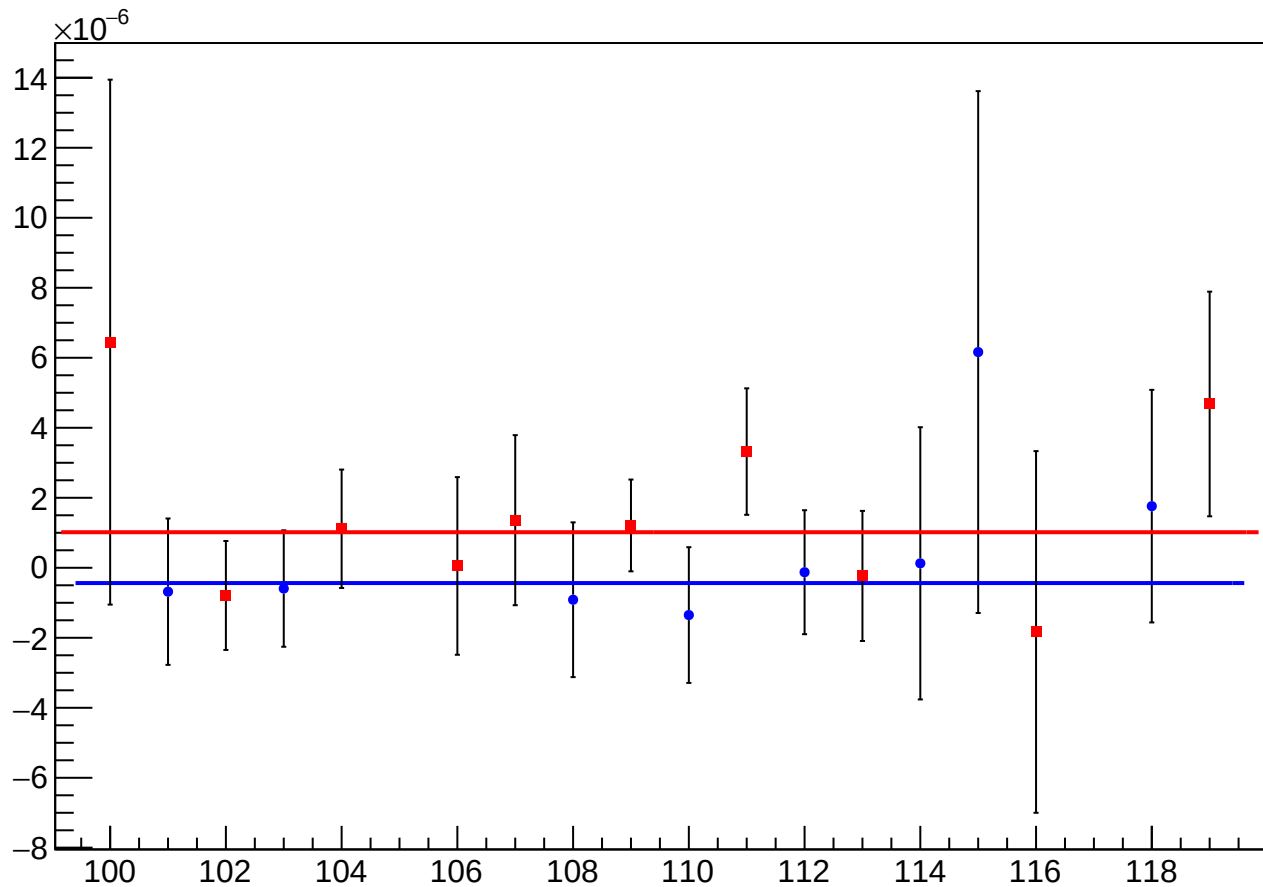
Right: 17.752+/-0.006 χ^2/NDF : 3177021.8/17

In: 19.764+/-0.009 χ^2/NDF : 1339967.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.752+/-0.006 χ^2/NDF : 3177021.8/17

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

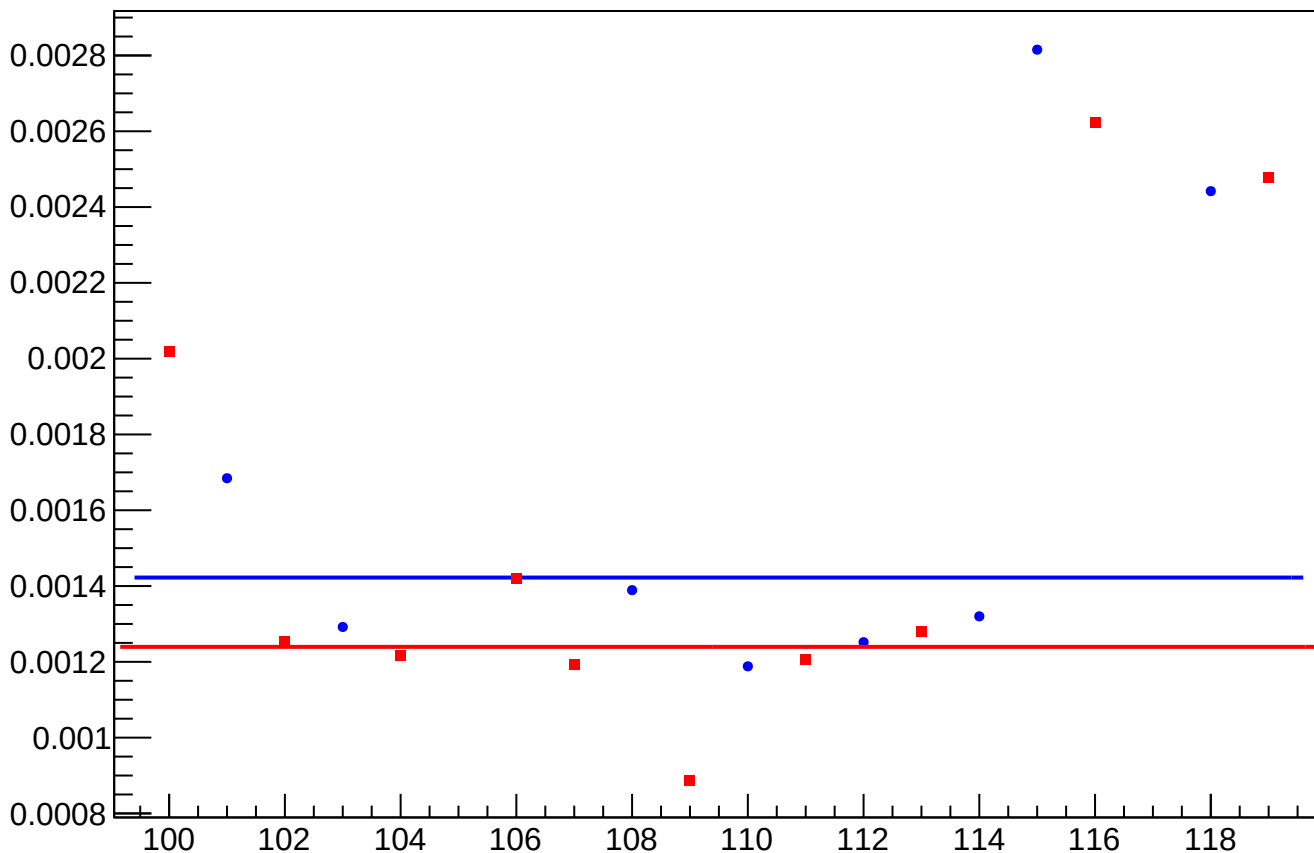
Right: 0.000+/-0.000 χ^2/NDF : 9.3/17

In: -0.000+/-0.000 χ^2/NDF : 1.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.3/17

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 351430.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 620212.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

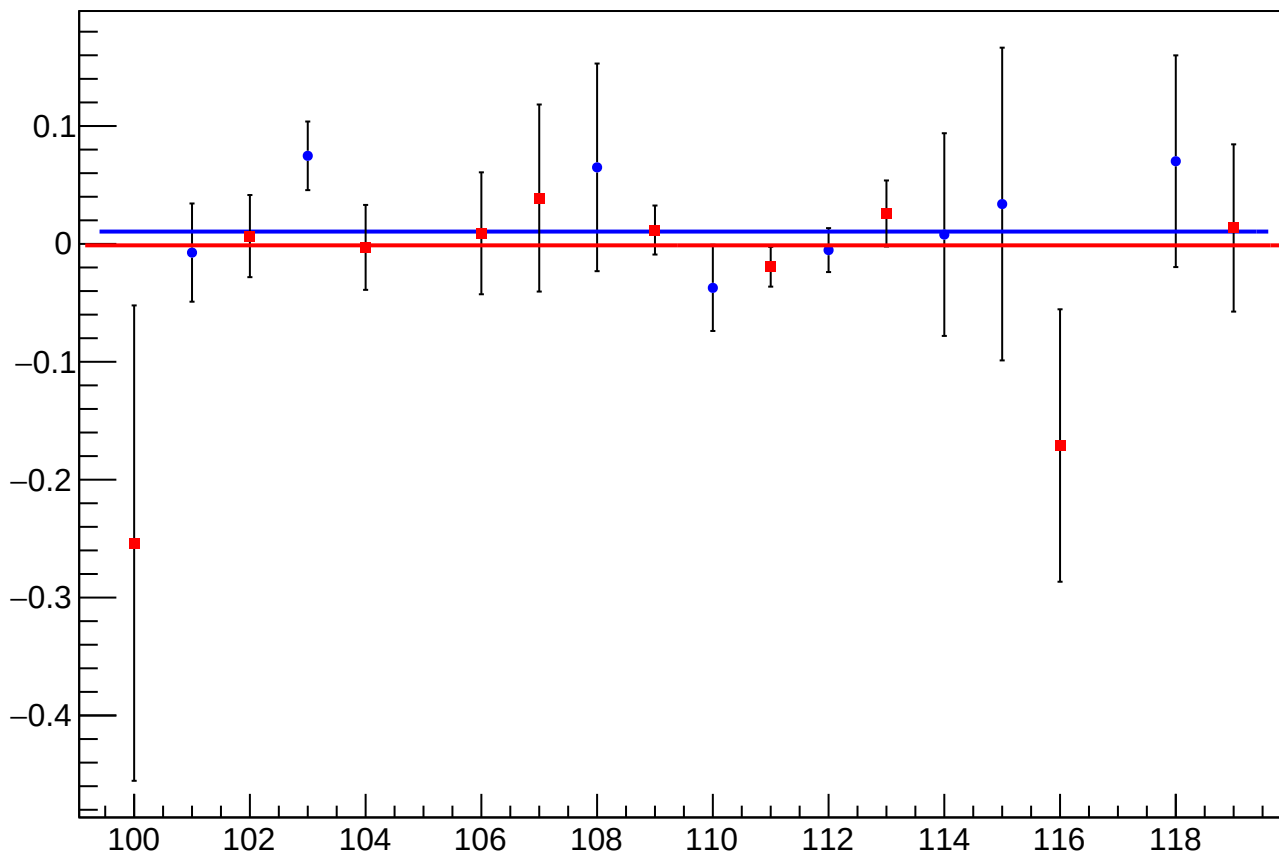
Right: 0.001+/-0.000 χ^2/NDF : 1034899.0/17

In: 0.001+/-0.000 χ^2/NDF : 351430.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1034899.0/17

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

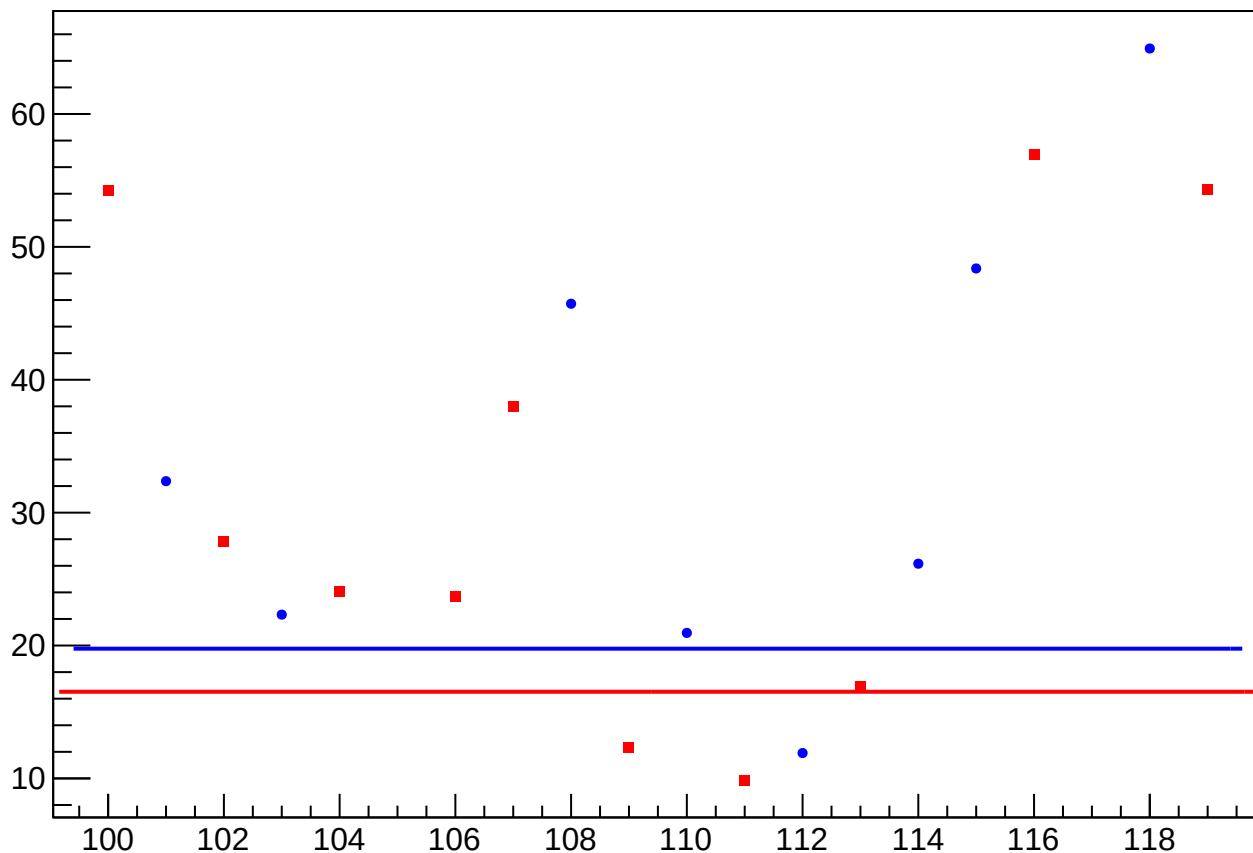
Right: 0.003+/-0.008 χ^2/NDF : 15.4/17

In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 15.4/17

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.763+/-0.009 χ^2/NDF : 1339957.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761074.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

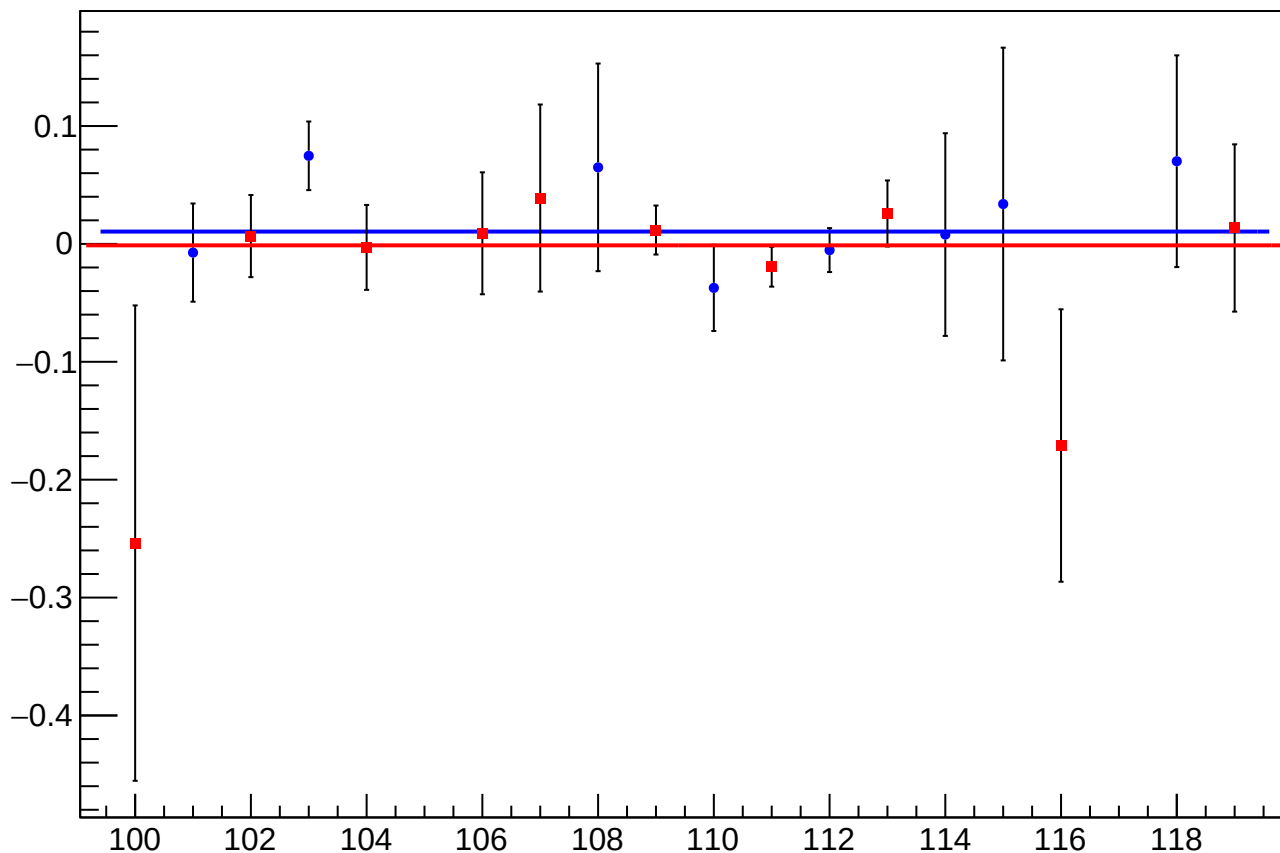
Right: 17.752+/-0.006 χ^2/NDF : 3177064.9/17

In: 19.763+/-0.009 χ^2/NDF : 1339957.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.752+/-0.006 χ^2/NDF : 3177064.9/17

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.010 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

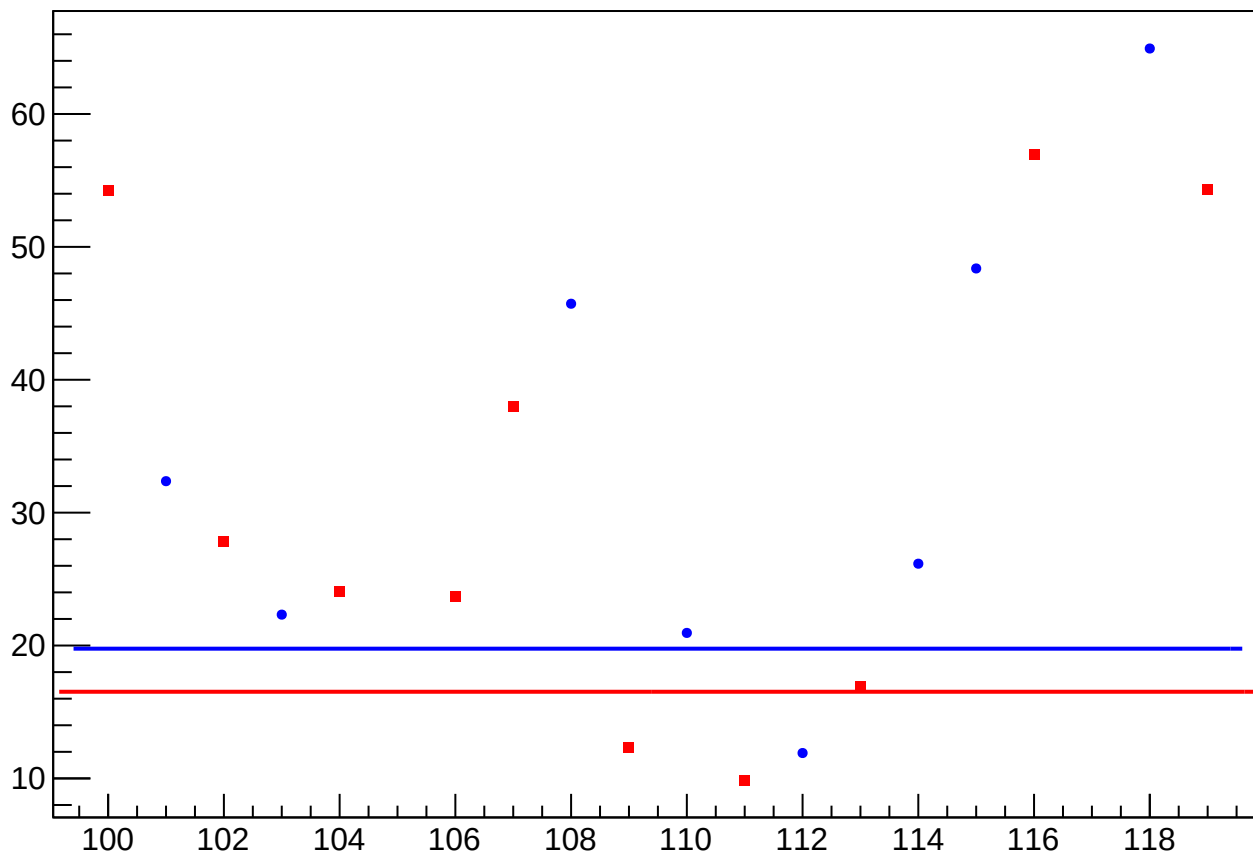
Right: 0.003+/-0.008 χ^2/NDF : 15.4/17

In: 0.010+/-0.013 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 15.4/17

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.763+/-0.009 χ^2/NDF : 1339957.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.522+/-0.007 χ^2/NDF : 1761074.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

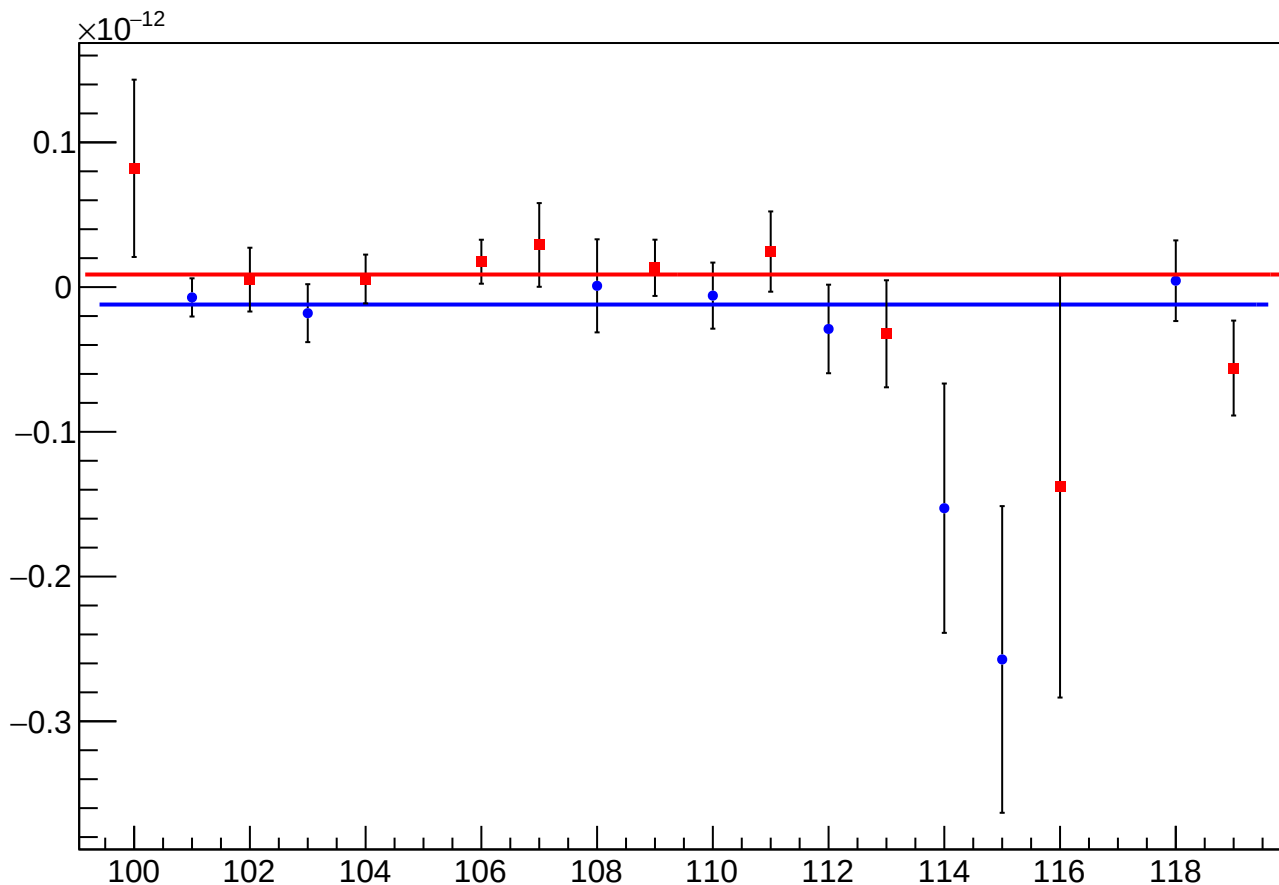
Right: 17.752+/-0.006 χ^2/NDF : 3177064.9/17

In: 19.763+/-0.009 χ^2/NDF : 1339957.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.752+/-0.006 χ^2/NDF : 3177064.9/17

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

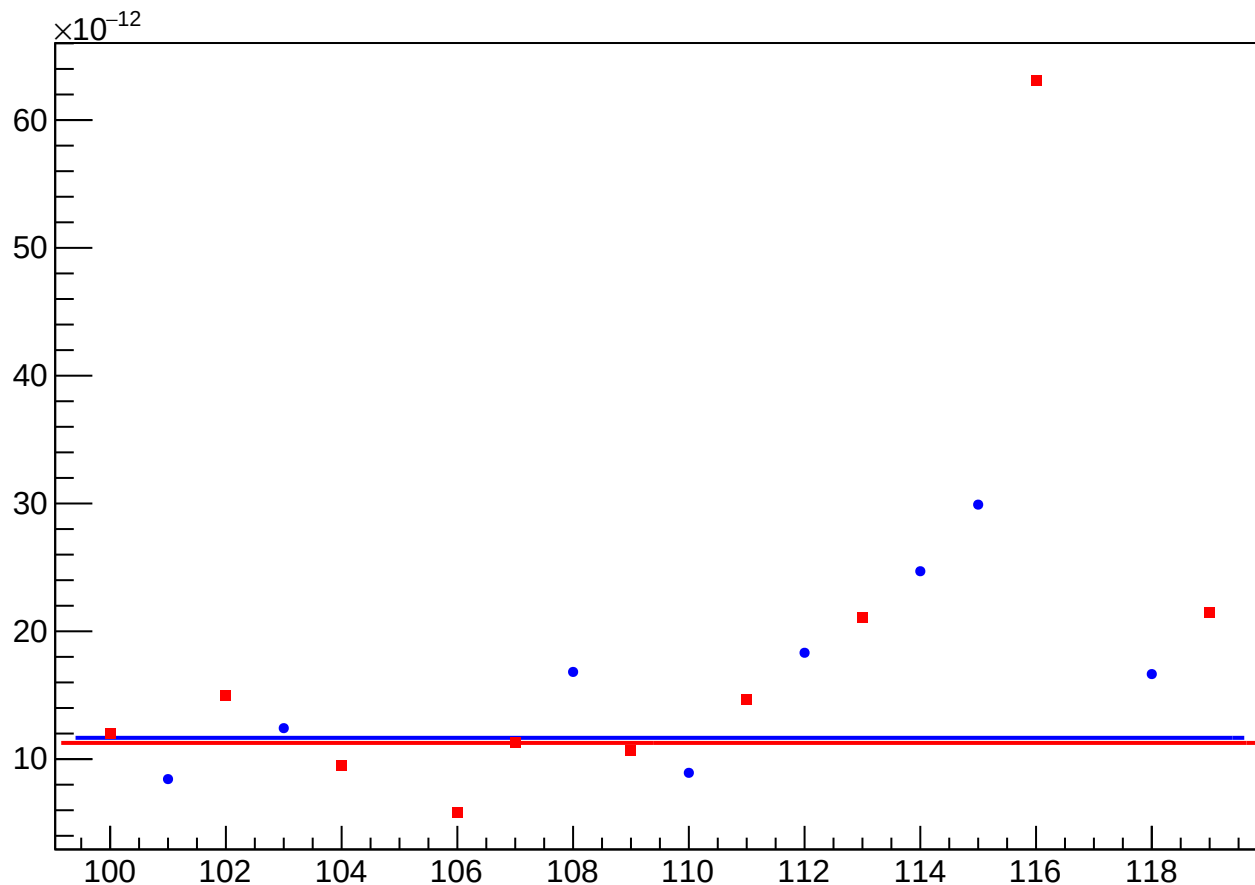
Right: -0.000+/-0.000 χ^2/NDF : 21.2/17

In: -0.000+/-0.000 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/17

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 466581.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 955019.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

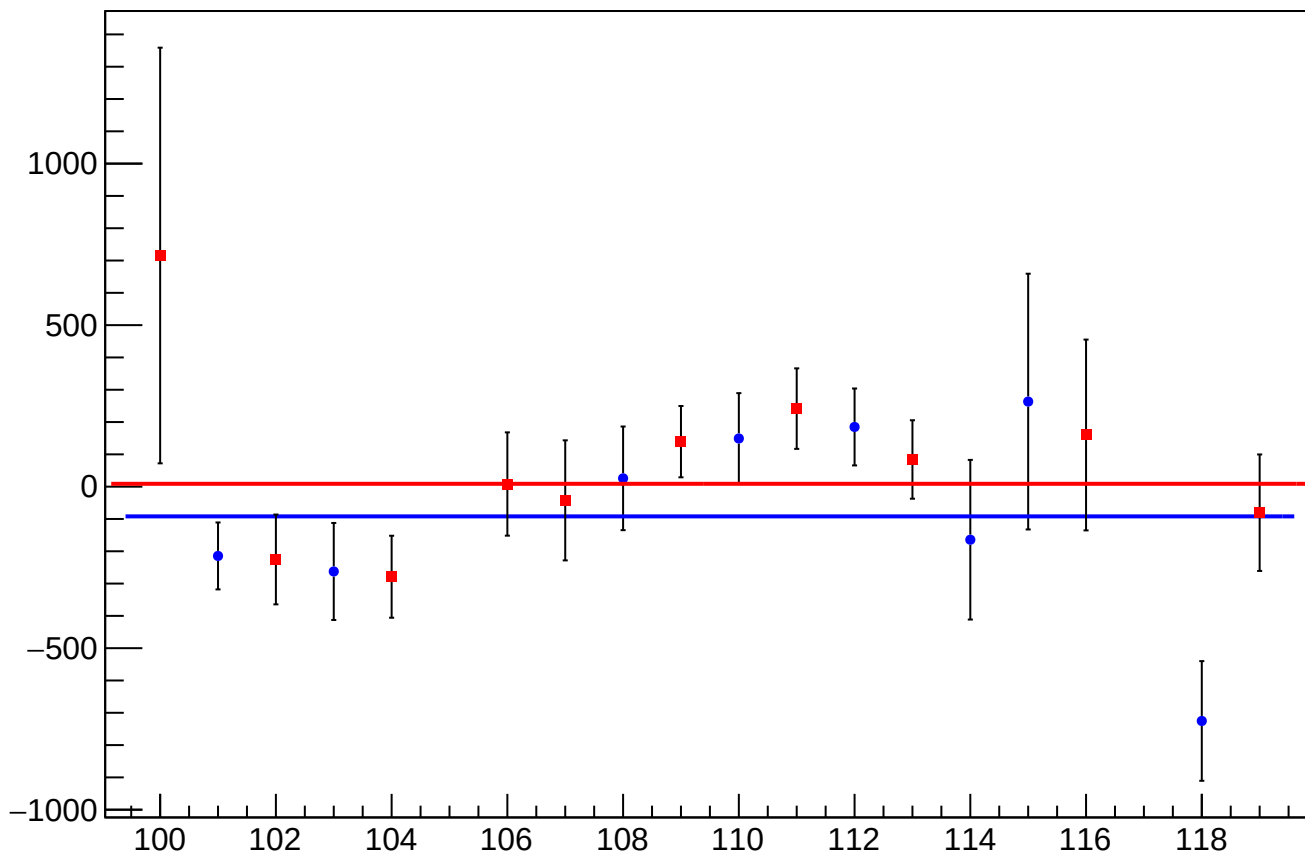
Right: 0.000+/-0.000 χ^2/NDF : 1424008.9/17

In: 0.000+/-0.000 χ^2/NDF : 466581.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1424008.9/17

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -91.998 $\pm$ 53.480 χ^2 /NDF: 24.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.827 $\pm$ 47.627 χ^2 /NDF: 15.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

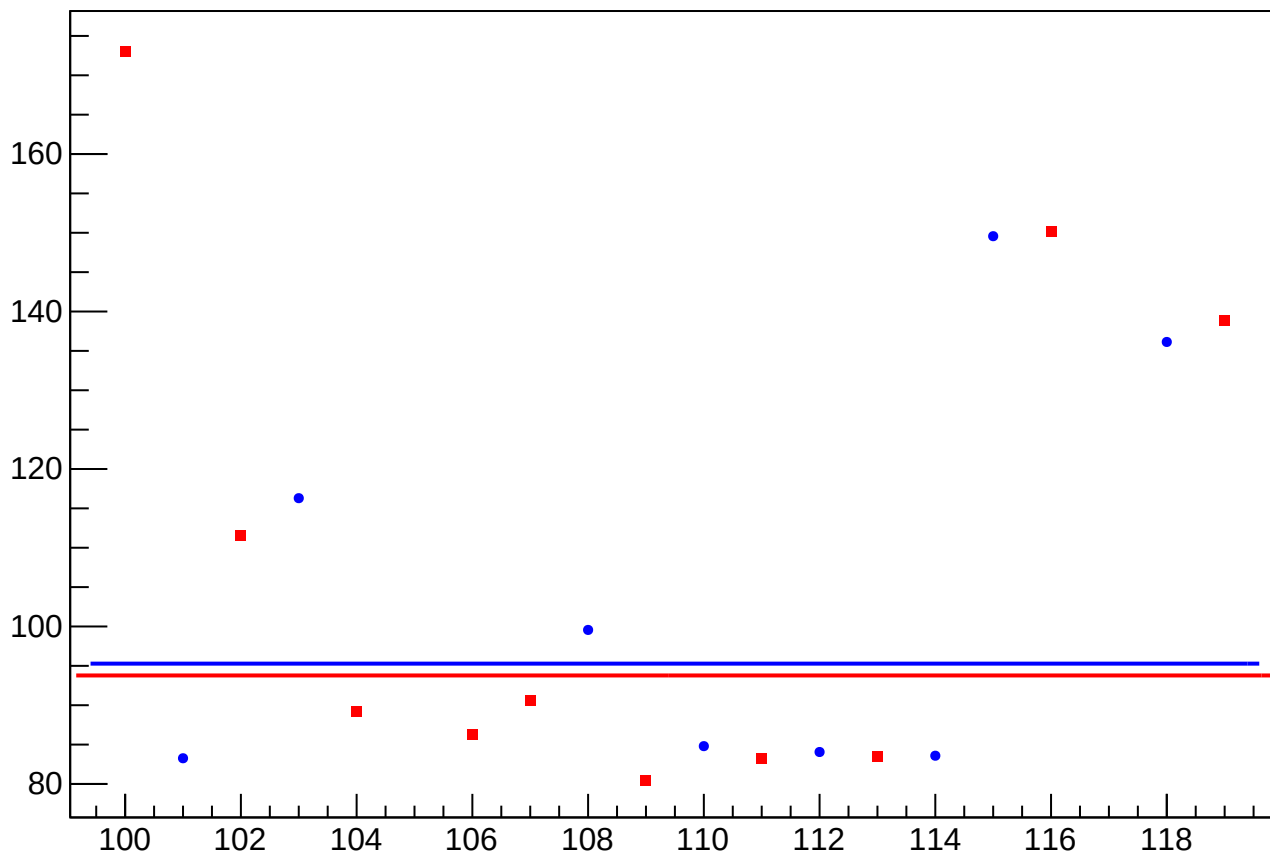
Right: -35.768 $\pm$ 35.567 χ^2 /NDF: 41.2/17

In: -91.998 $\pm$ 53.480 χ^2 /NDF:24.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.768 $\pm$ 35.567 χ^2 /NDF: 41.2/17

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.281+/-0.038 χ^2/NDF : 235804.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.779+/-0.034 χ^2/NDF : 326142.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

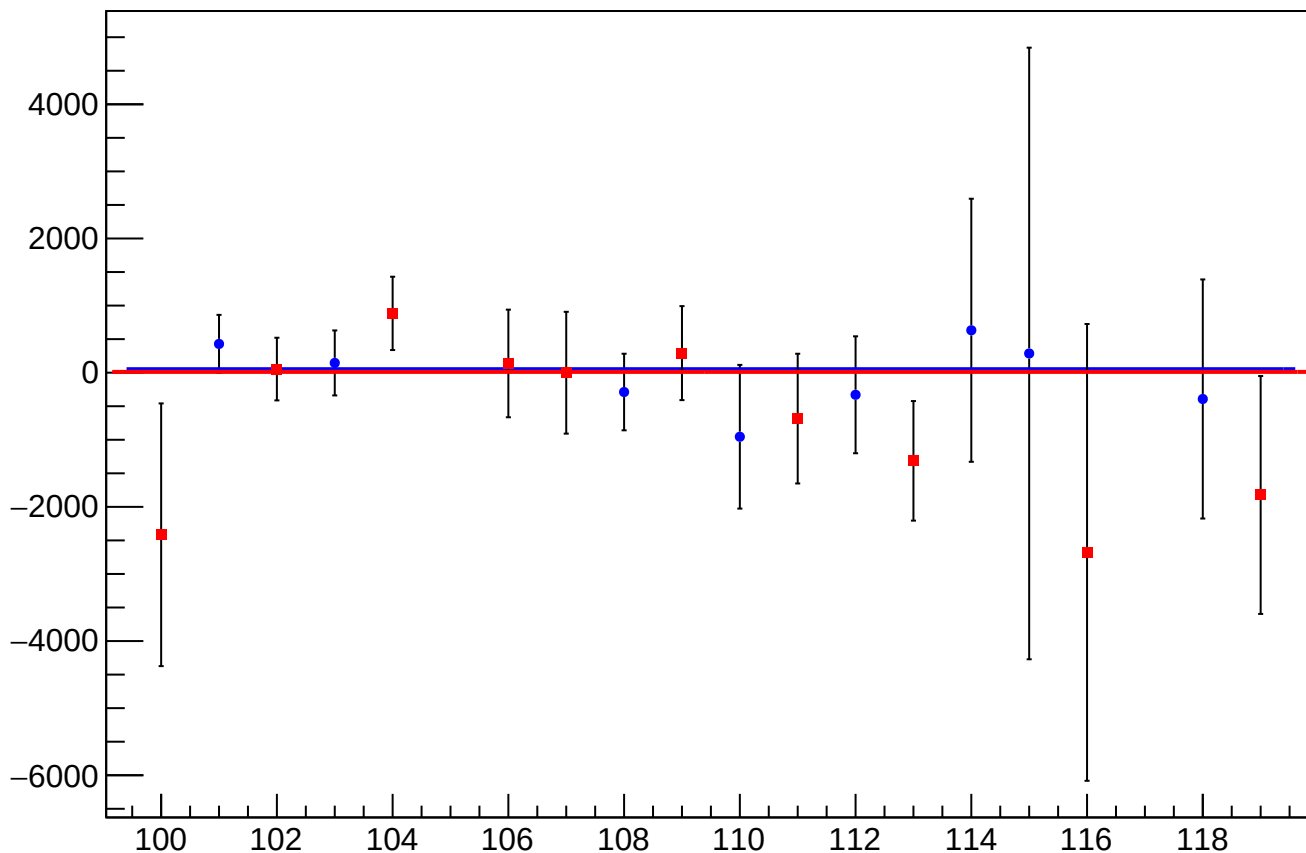
Right: 94.444+/-0.025 χ^2/NDF : 562826.2/17

In: 95.281+/-0.038 χ^2/NDF : 235804.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.444+/-0.025 χ^2/NDF : 562826.2/17

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 52.096+/-254.196 χ^2/NDF : 2.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.708+/-252.084 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

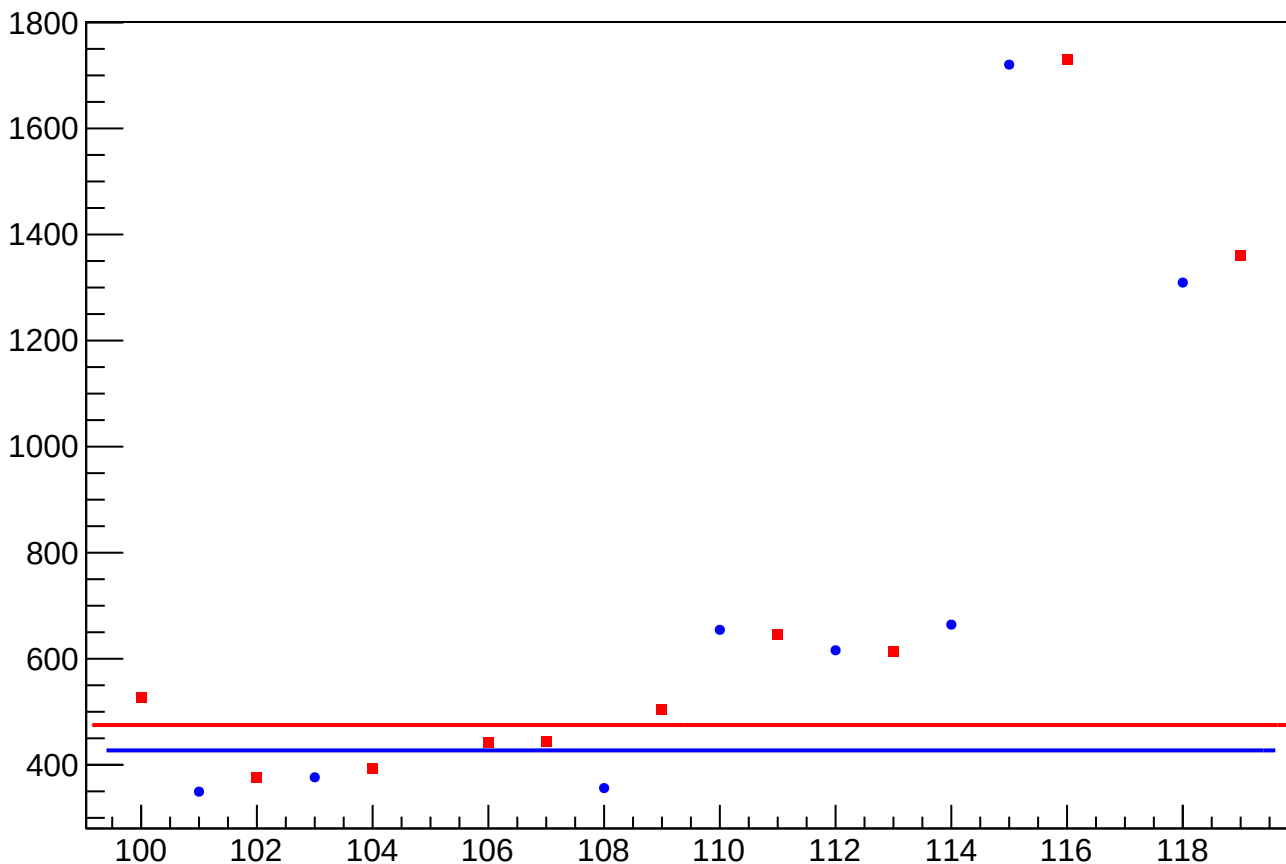
Right: 31.733+/-178.992 χ^2/NDF : 11.1/17

In: 52.096+/-254.196 χ^2/NDF : 2.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.733+/-178.992 χ^2/NDF : 11.1/17

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 427.214 ± 0.180 χ^2/NDF : 981899.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 475.038 ± 0.178 χ^2/NDF : 1027688.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

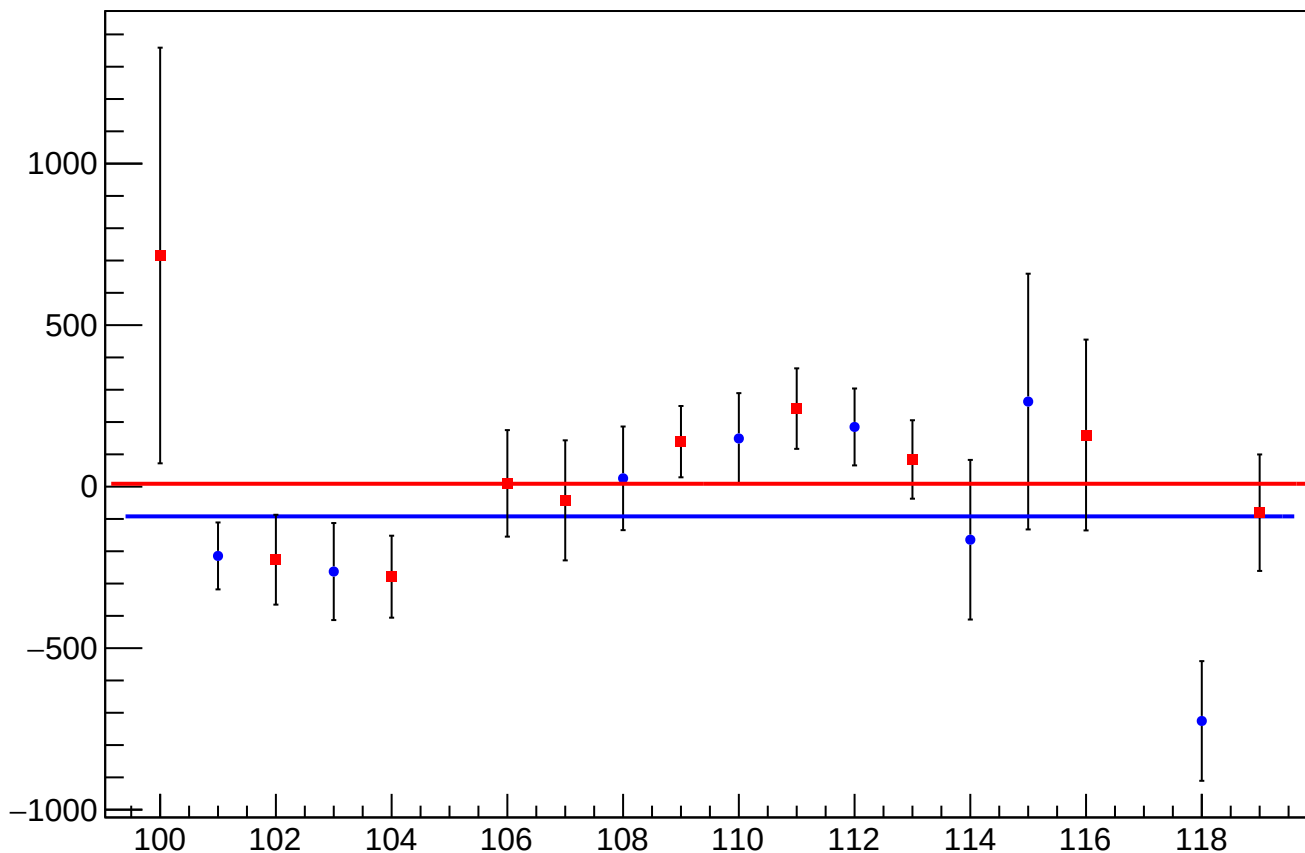
Right: 451.326 ± 0.127 χ^2/NDF : 2045279.3/17

In: 427.214 ± 0.180 χ^2/NDF : 981899.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 451.326 ± 0.127 χ^2/NDF : 2045279.3/17

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -92.042 $\pm$ 53.480 χ^2 /NDF: 24.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.931 $\pm$ 47.756 χ^2 /NDF: 15.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

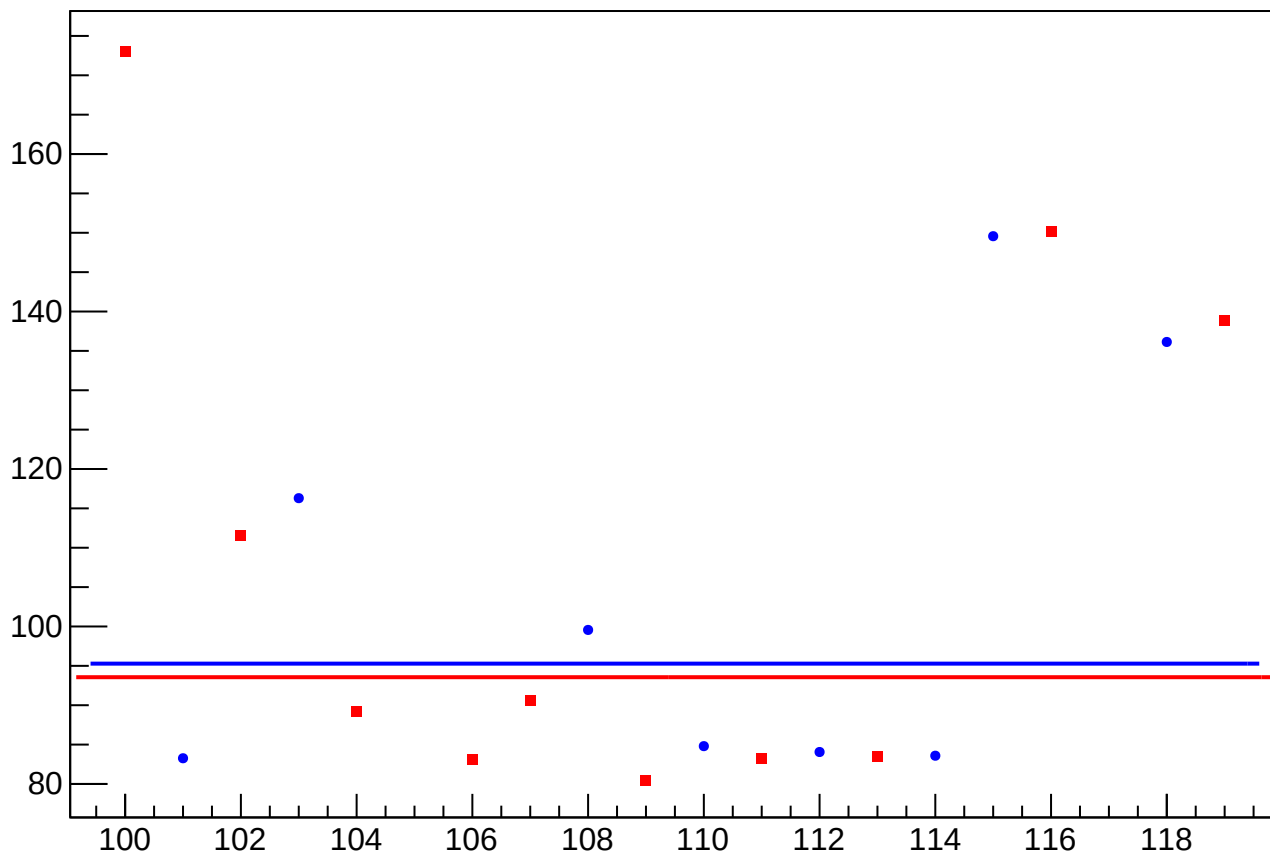
Right: -35.865 $\pm$ 35.621 χ^2 /NDF: 41.2/17

In: -92.042 $\pm$ 53.480 χ^2 /NDF:24.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.865 $\pm$ 35.621 χ^2 /NDF: 41.2/17

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.281+/-0.038 χ^2/NDF : 235806.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.558+/-0.034 χ^2/NDF : 330177.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

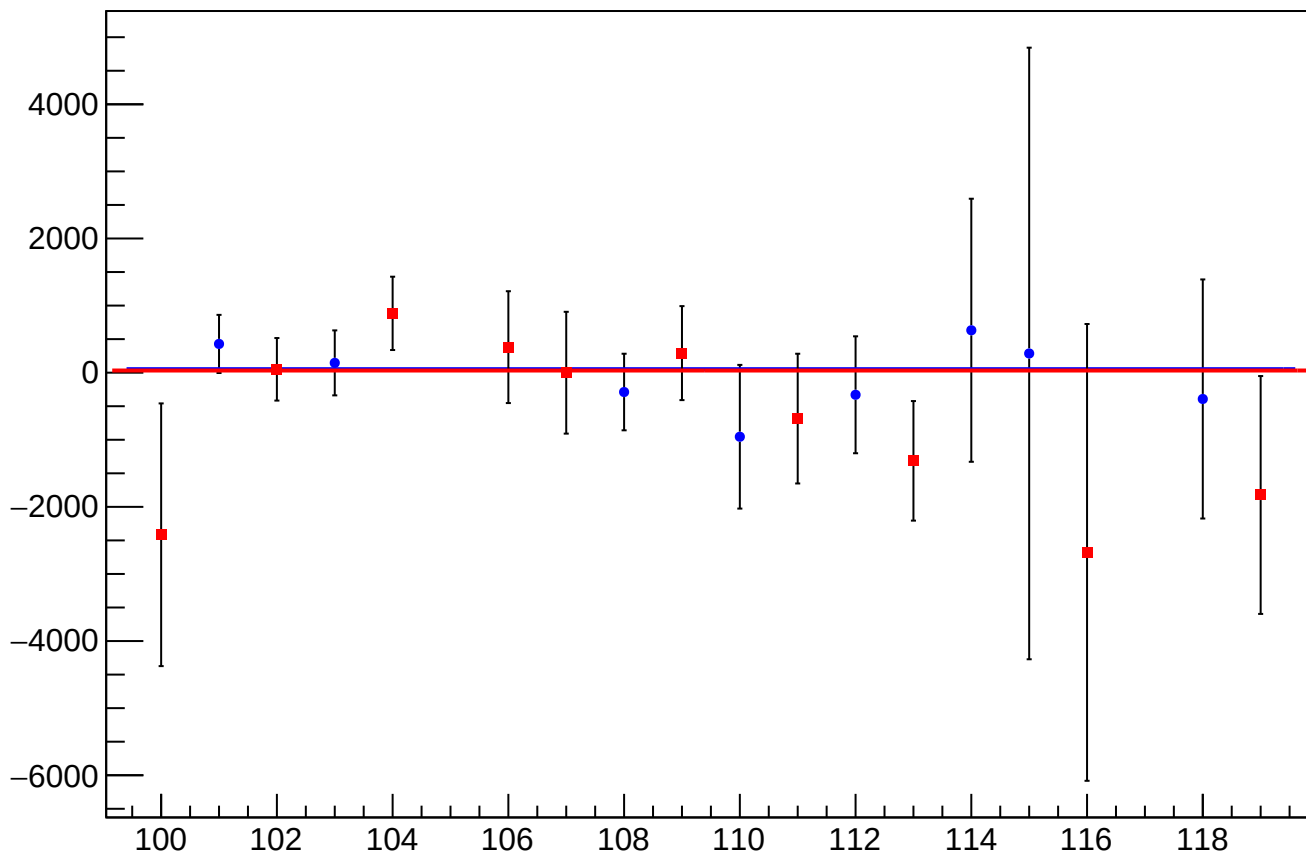
Right: 94.322+/-0.025 χ^2/NDF : 567140.0/17

In: 95.281+/-0.038 χ^2/NDF : 235806.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.322+/-0.025 χ^2/NDF : 567140.0/17

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.283+/-254.187 χ^2/NDF : 2.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.224+/-252.886 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

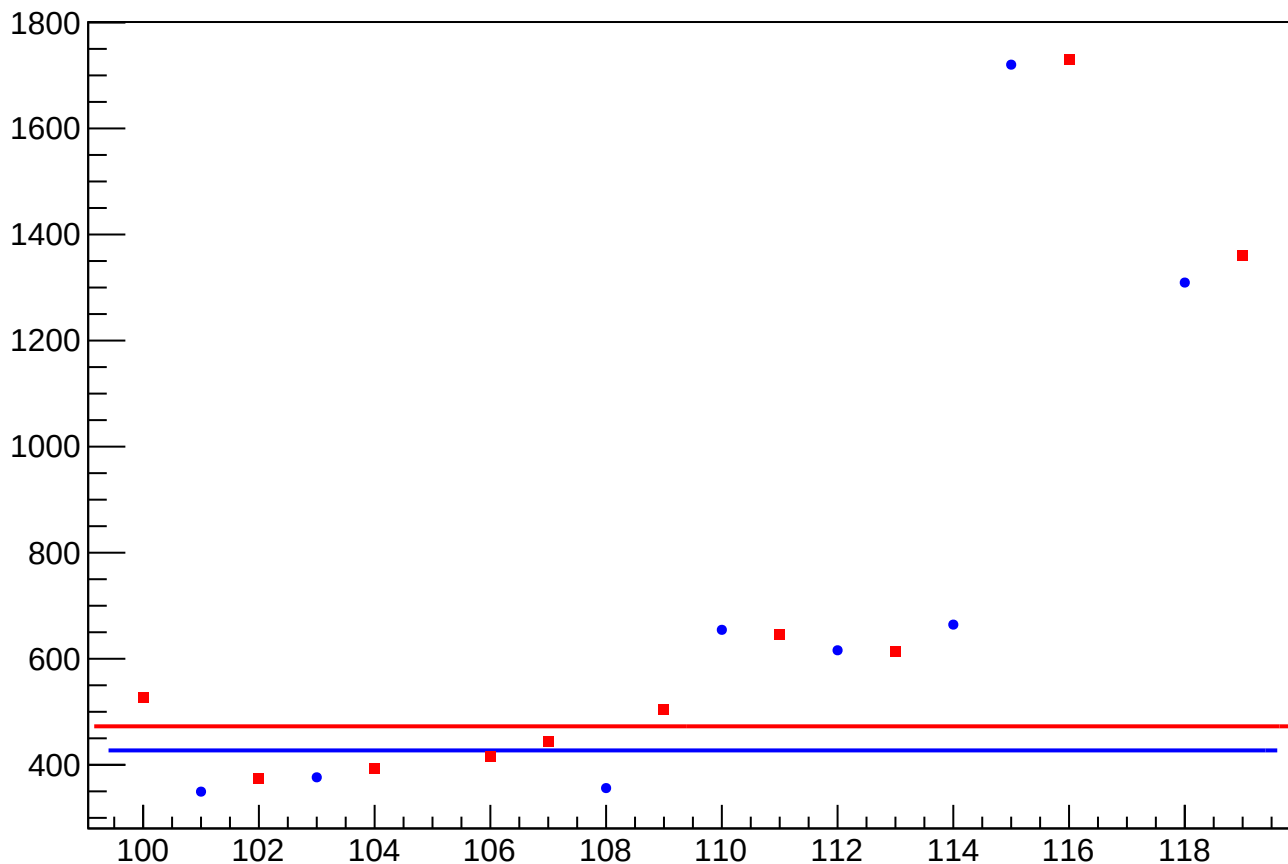
Right: 42.202+/-179.276 χ^2/NDF : 11.3/17

In: 52.283+/-254.187 χ^2/NDF : 2.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.202+/-179.276 χ^2/NDF : 11.3/17

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 427.196+/-0.180 χ^2/NDF : 981950.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.619+/-0.179 χ^2/NDF : 1035575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

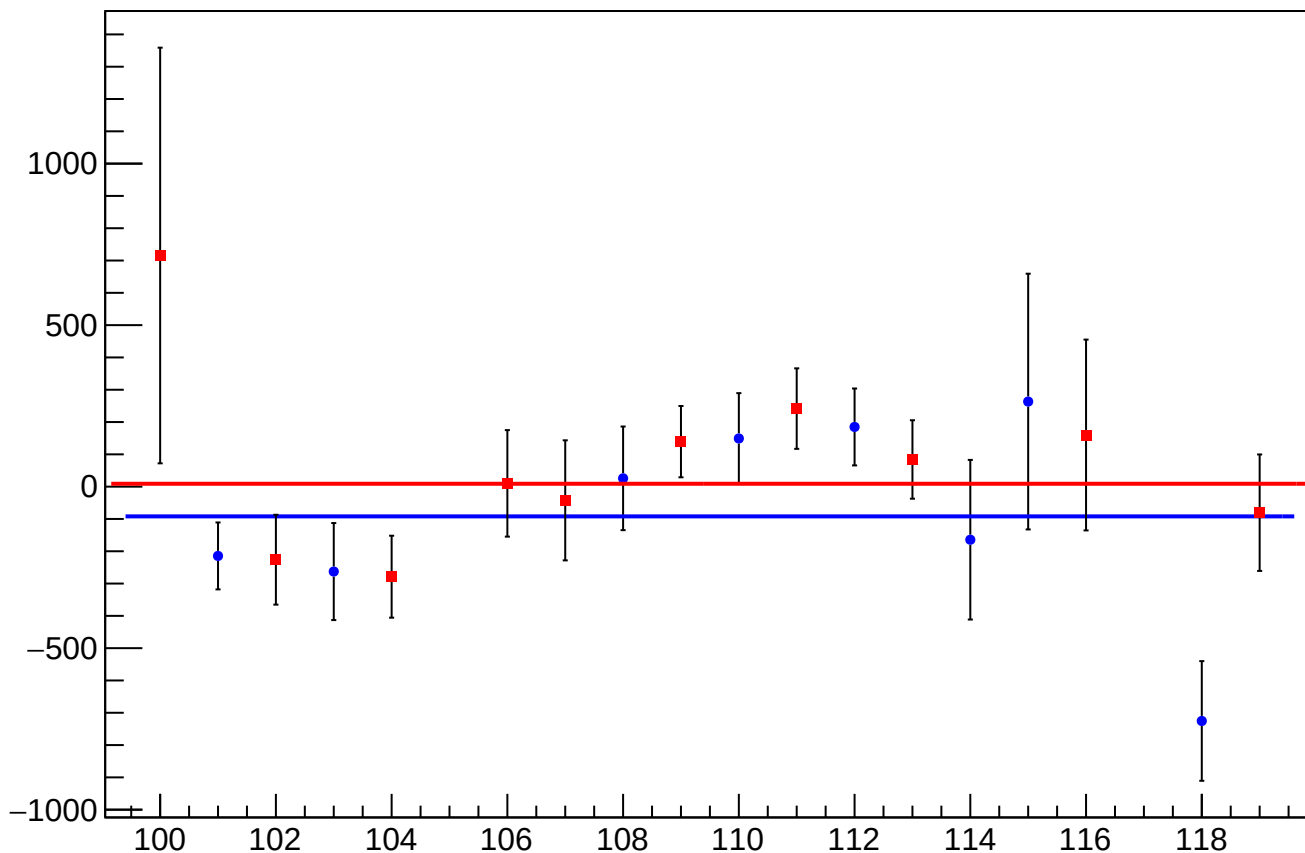
Right: 450.024+/-0.127 χ^2/NDF : 2049622.2/17

In: 427.196+/-0.180 χ^2/NDF : 981950.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.024+/-0.127 χ^2/NDF : 2049622.2/17

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -92.042+/-53.480 χ^2/NDF : 24.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.931+/-47.756 χ^2/NDF : 15.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

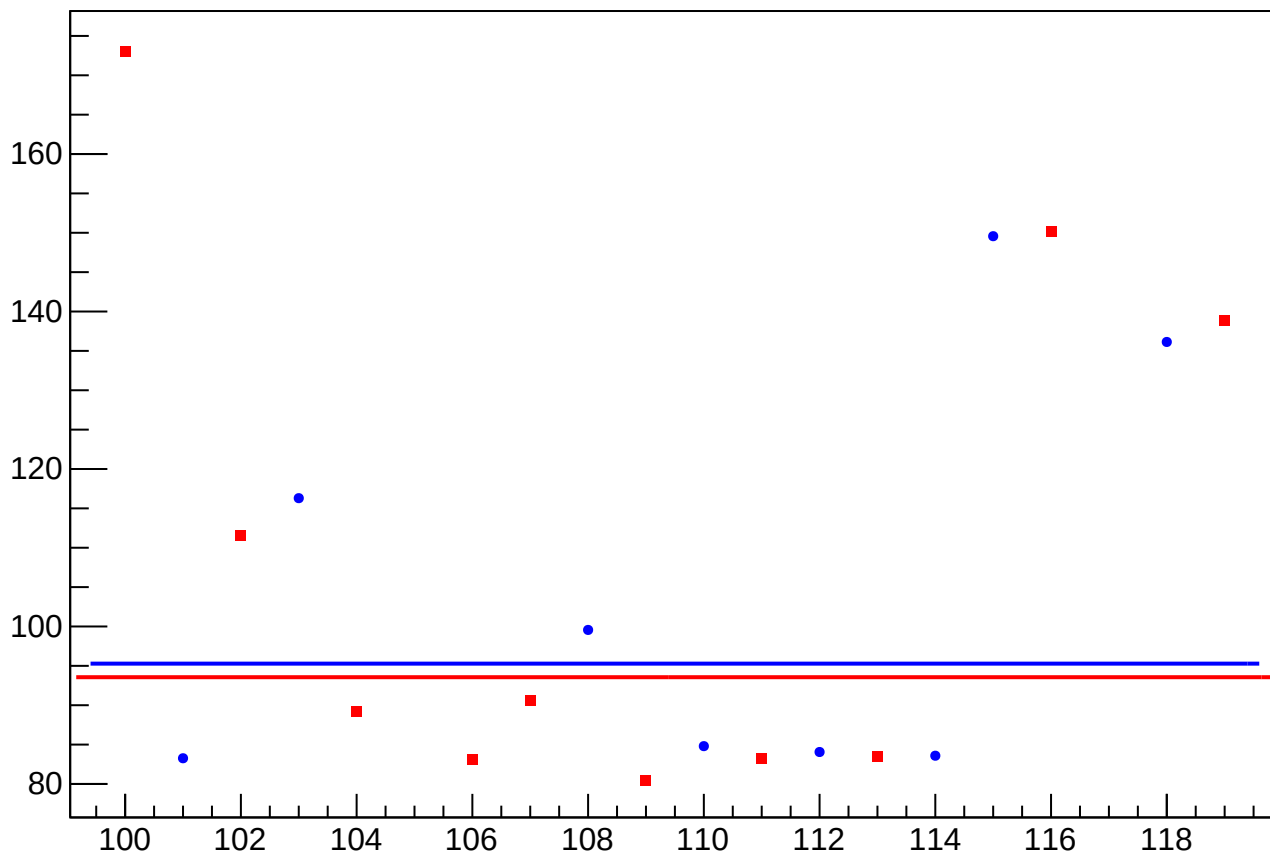
Right: -35.865+/-35.621 χ^2/NDF : 41.2/17

In: -92.042+/-53.480 χ^2/NDF : 24.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.865+/-35.621 χ^2/NDF : 41.2/17

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 95.281 ± 0.038 χ^2/NDF : 235806.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 93.558 ± 0.034 χ^2/NDF : 330177.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

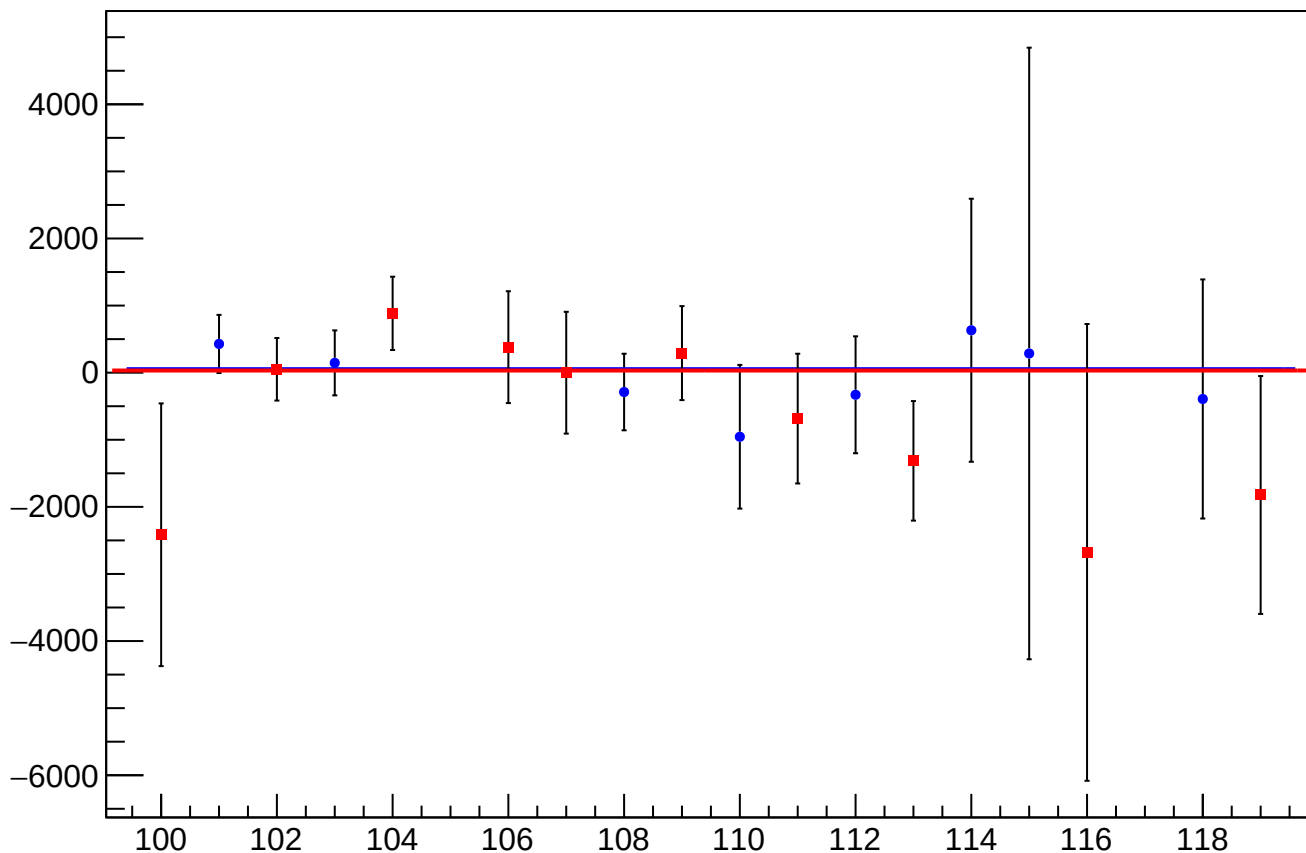
Right: 94.322 ± 0.025 χ^2/NDF : 567140.0/17

In: 95.281 ± 0.038 χ^2/NDF : 235806.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 94.322 ± 0.025 χ^2/NDF : 567140.0/17

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 52.283+/-254.187 χ^2/NDF : 2.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.224+/-252.886 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

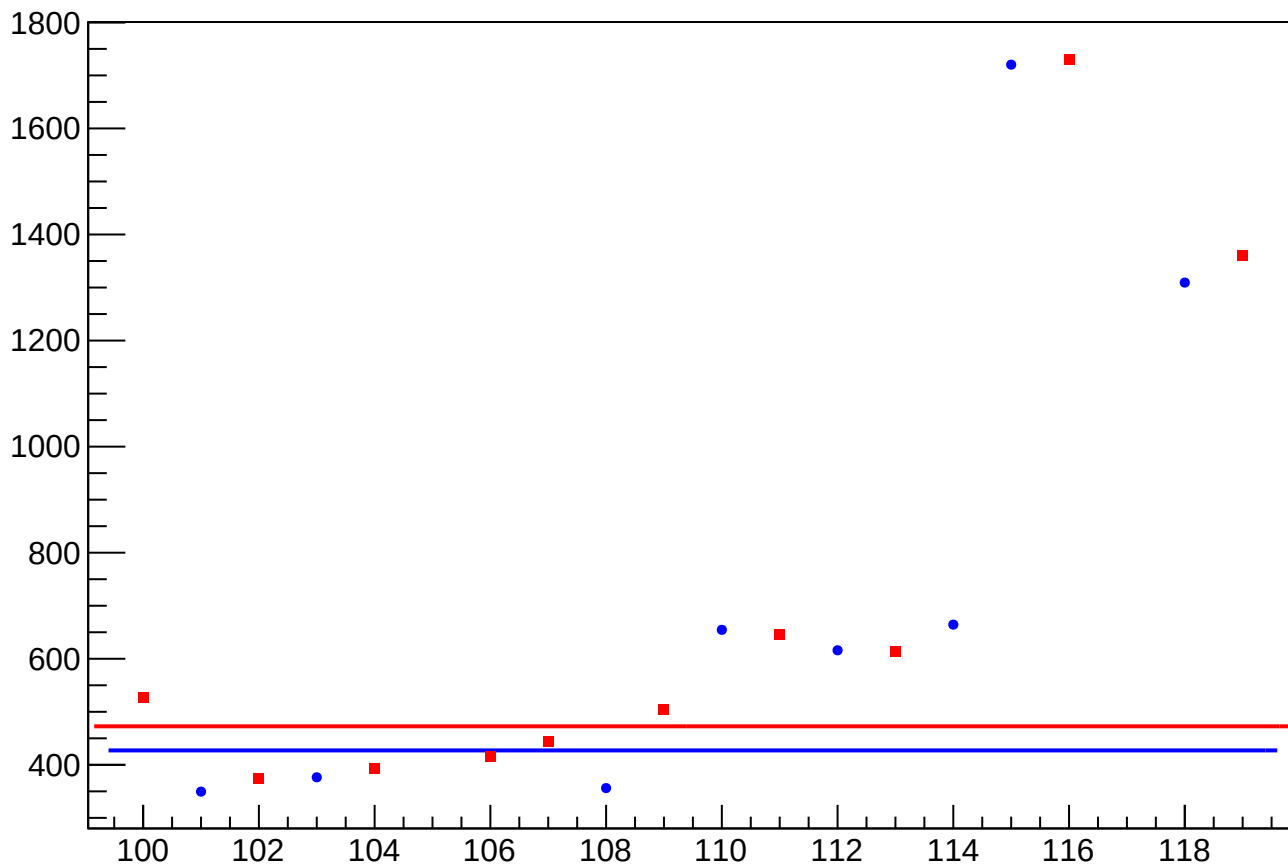
Right: 42.202+/-179.276 χ^2/NDF : 11.3/17

In: 52.283+/-254.187 χ^2/NDF : 2.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.202+/-179.276 χ^2/NDF : 11.3/17

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 427.196+/-0.180 χ^2/NDF : 981950.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.619+/-0.179 χ^2/NDF : 1035575.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

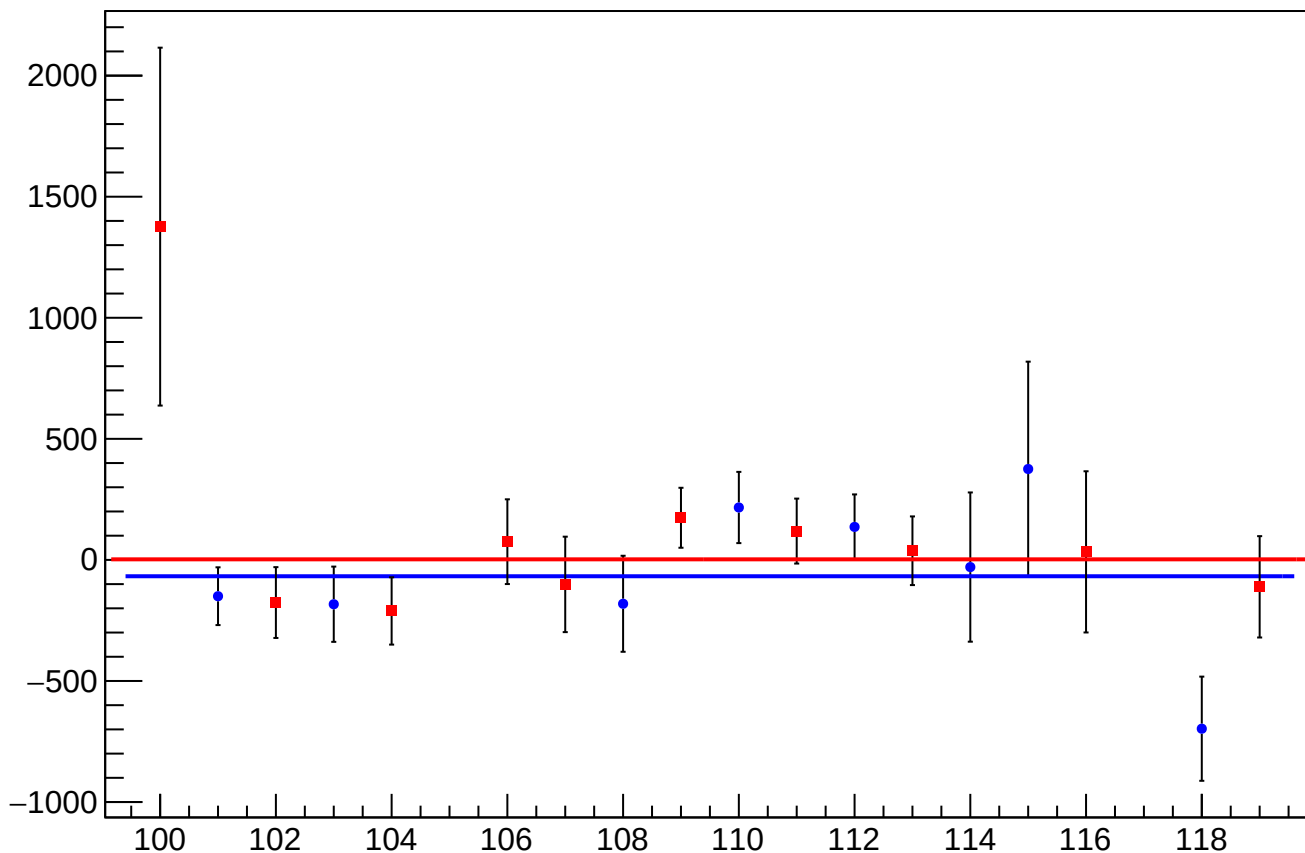
Right: 450.024+/-0.127 χ^2/NDF : 2049622.2/17

In: 427.196+/-0.180 χ^2/NDF : 981950.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.024+/-0.127 χ^2/NDF : 2049622.2/17

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -67.507+/-60.189 χ^2/NDF : 17.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.343+/-52.622 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

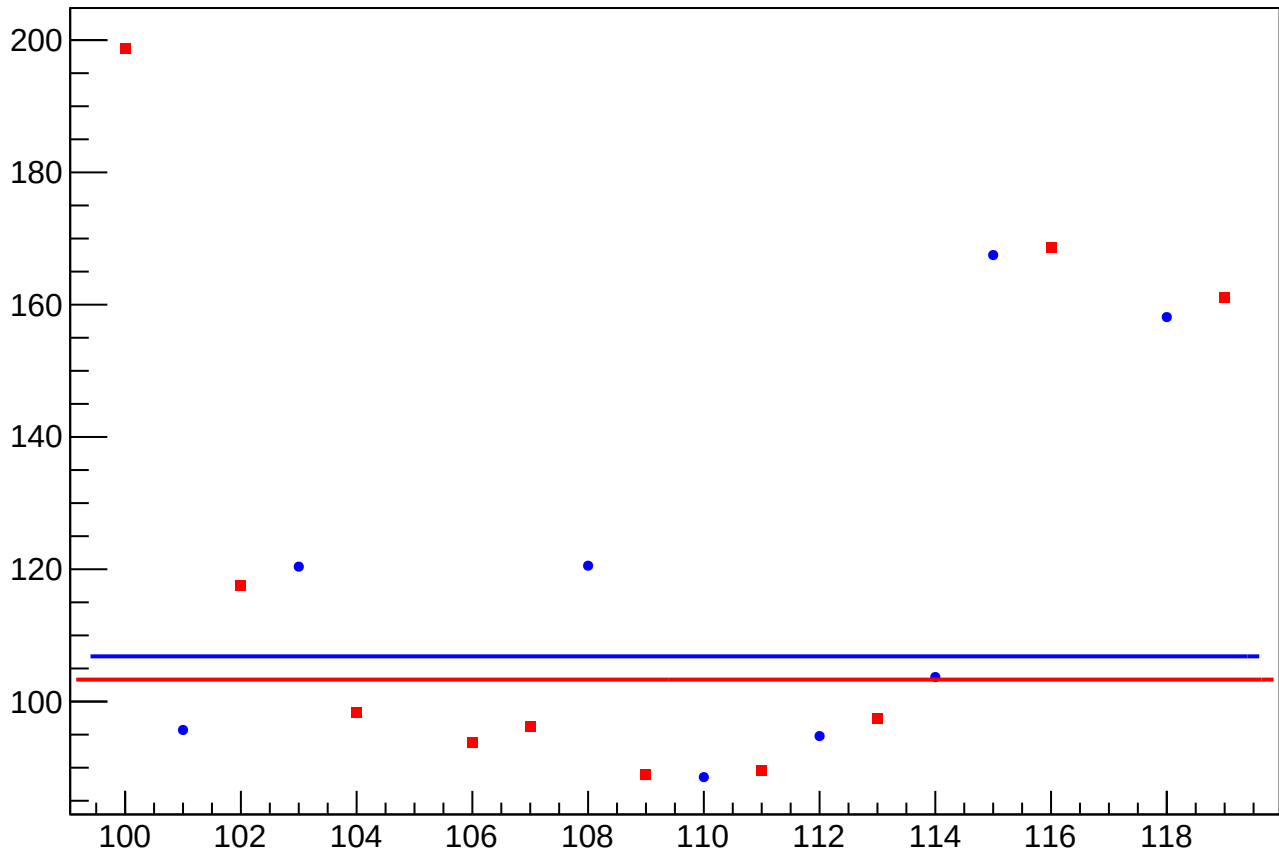
Right: -27.918+/-39.616 χ^2/NDF : 28.5/17

In: -67.507+/-60.189 χ^2/NDF :17.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.918+/-39.616 χ^2/NDF : 28.5/17

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.832 $\pm$ 0.043 χ^2 /NDF: 240483.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.317 $\pm$ 0.037 χ^2 /NDF: 343998.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

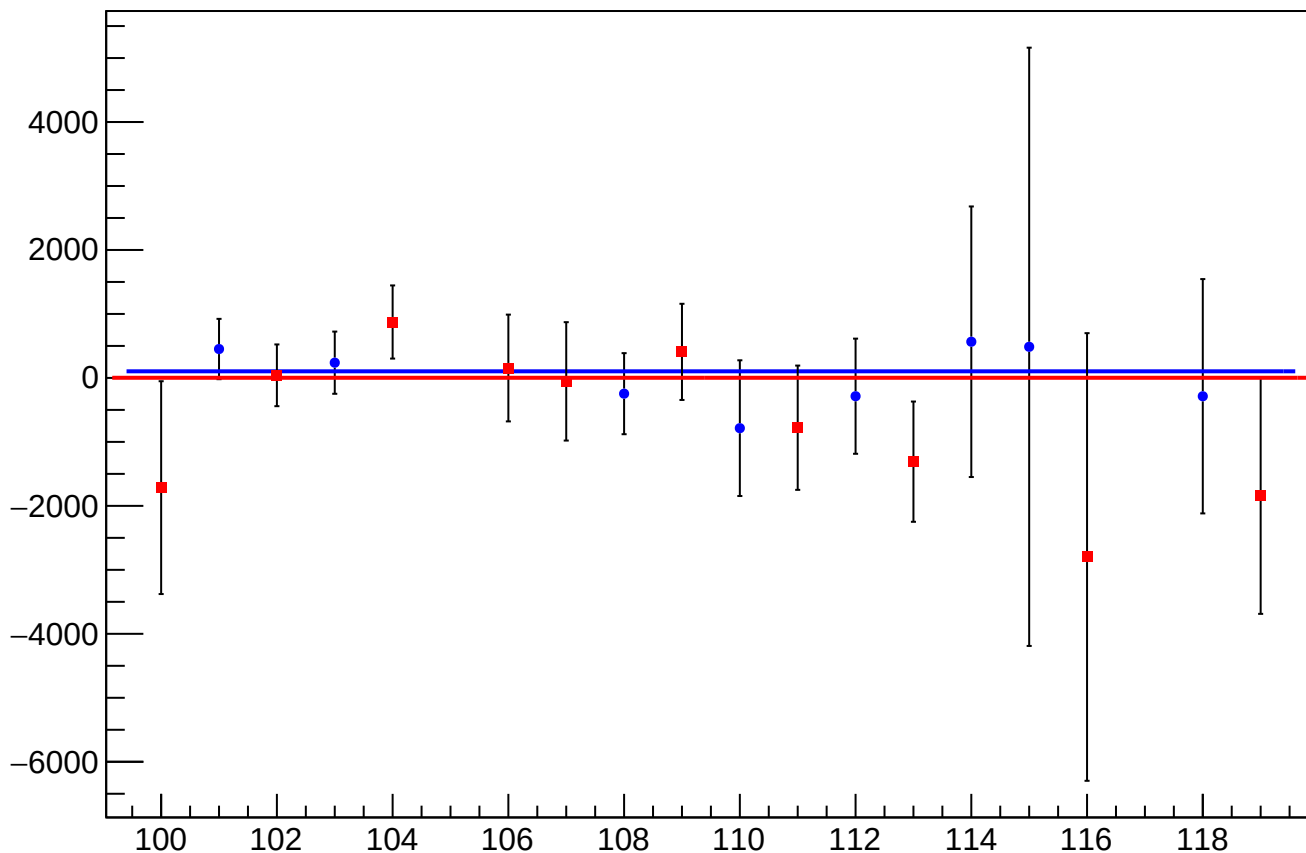
Right: 104.840 $\pm$ 0.028 χ^2 /NDF: 588347.0/17

In: 106.832 $\pm$ 0.043 χ^2 /NDF:240483.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.840 $\pm$ 0.028 χ^2 /NDF: 588347.0/17

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 103.338+/-268.102 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.242+/-261.210 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

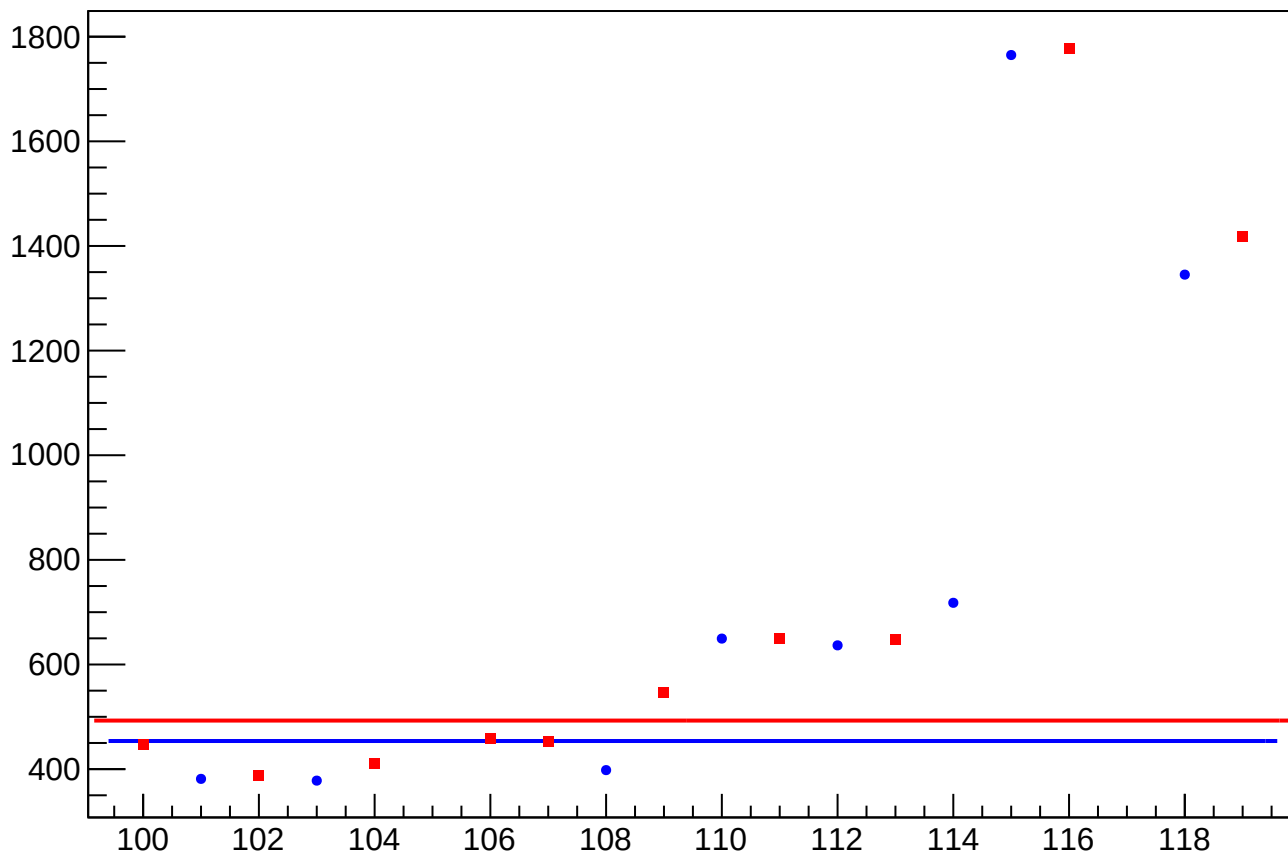
Right: 51.474+/-187.092 χ^2/NDF : 9.9/17

In: 103.338+/-268.102 χ^2/NDF : 1.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.474+/-187.092 χ^2/NDF : 9.9/17

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 453.761+/-0.190 χ^2/NDF : 924050.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.832+/-0.185 χ^2/NDF : 1030776.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

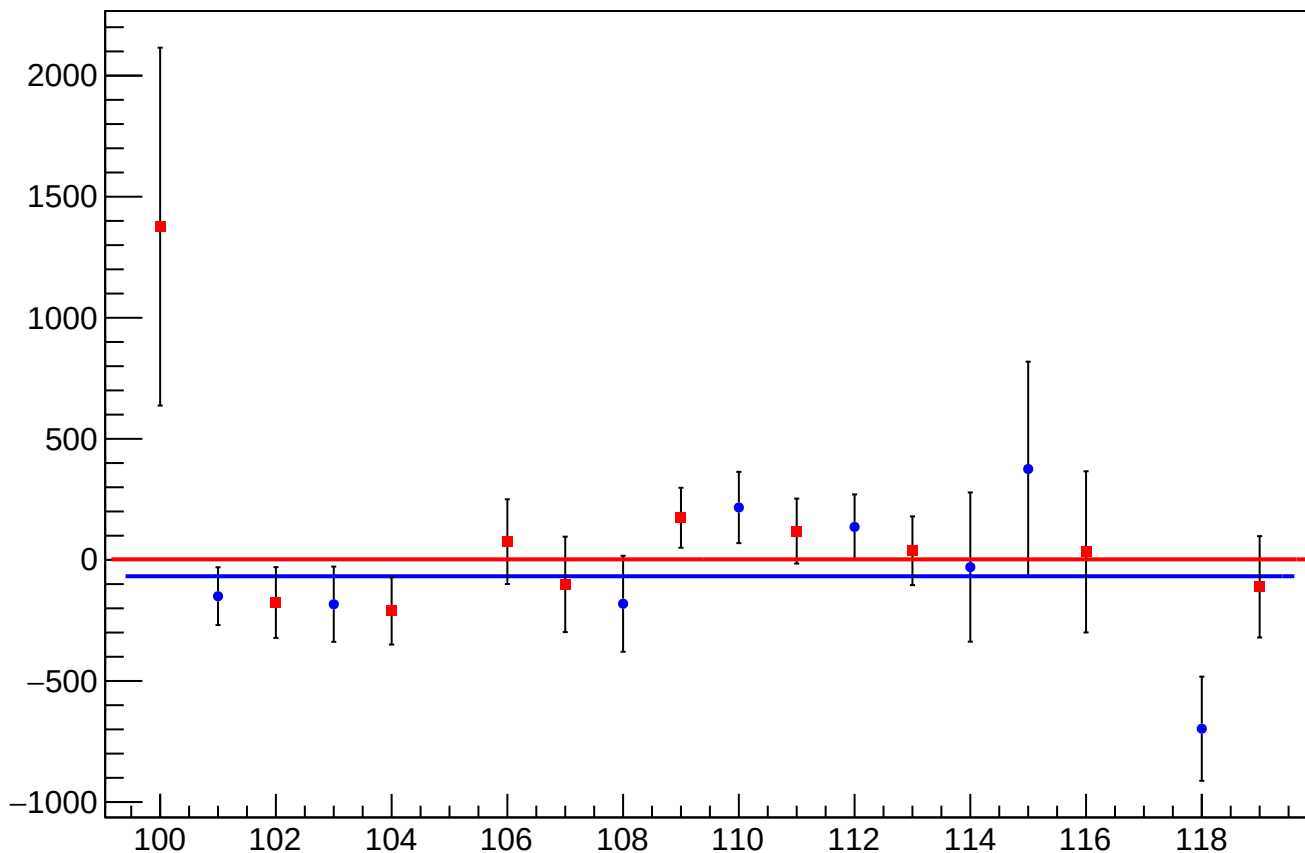
Right: 473.805+/-0.132 χ^2/NDF : 1976618.5/17

In: 453.761+/-0.190 χ^2/NDF : 924050.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.805+/-0.132 χ^2/NDF : 1976618.5/17

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -67.508 $\pm$ 60.189 χ^2 /NDF: 17.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.345 $\pm$ 52.622 χ^2 /NDF: 10.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

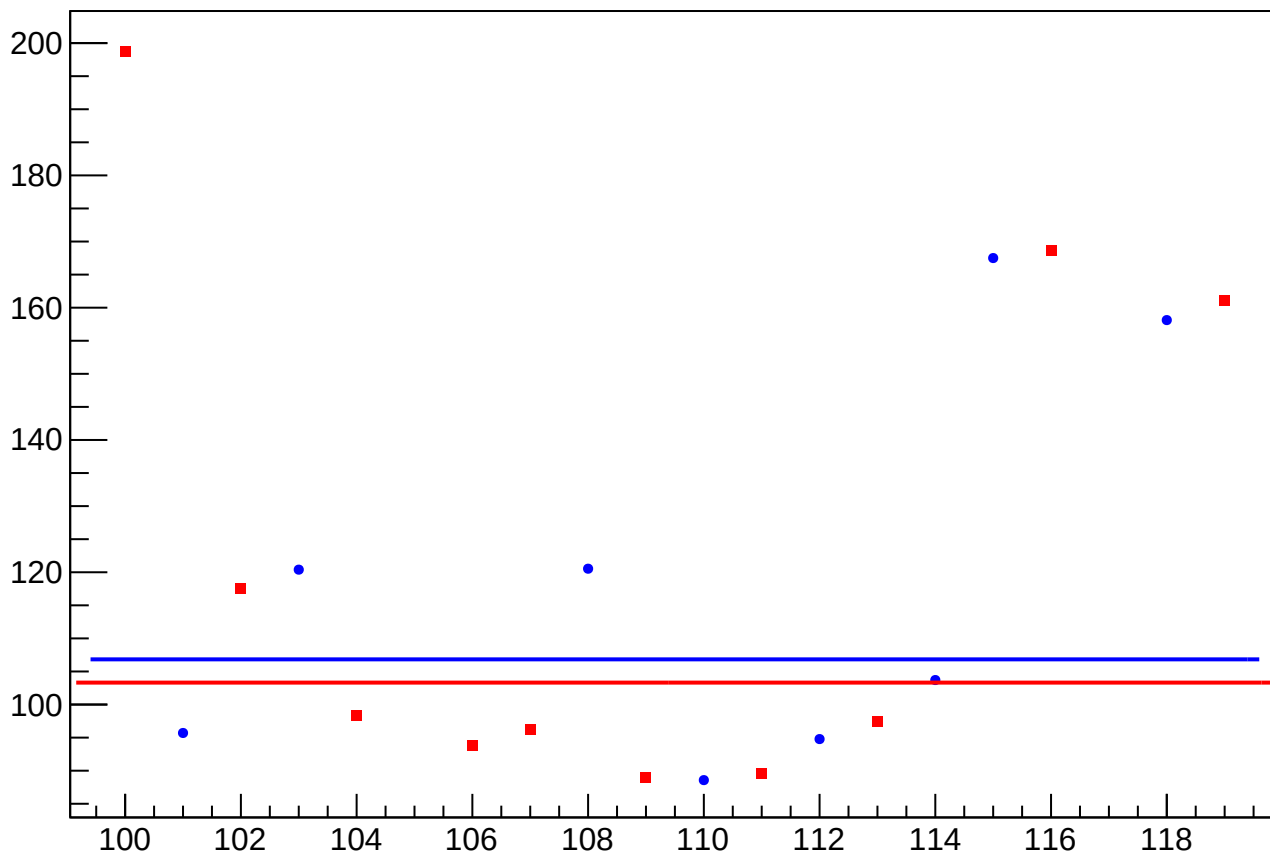
Right: -27.918 $\pm$ 39.616 χ^2 /NDF: 28.5/17

In: -67.508 $\pm$ 60.189 χ^2 /NDF:17.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -27.918 $\pm$ 39.616 χ^2 /NDF: 28.5/17

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 106.832 $\pm$ 0.043 χ^2 /NDF: 240485.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.317 $\pm$ 0.037 χ^2 /NDF: 343998.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

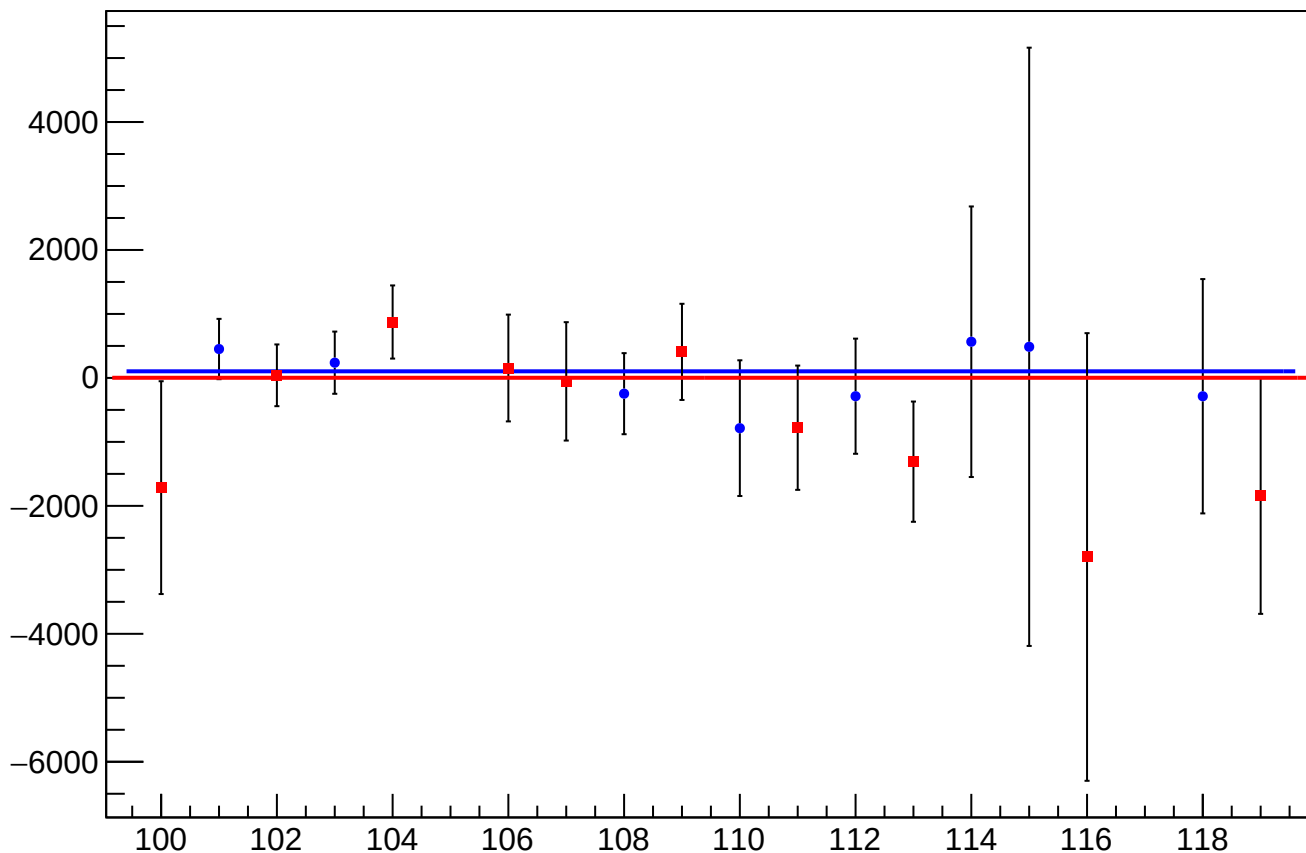
Right: 104.840 $\pm$ 0.028 χ^2 /NDF: 588349.3/17

In: 106.832 $\pm$ 0.043 χ^2 /NDF:240485.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 104.840 $\pm$ 0.028 χ^2 /NDF: 588349.3/17

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 103.338 $\pm$ 268.102 χ^2 /NDF: 1.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.244 $\pm$ 261.210 χ^2 /NDF: 8.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

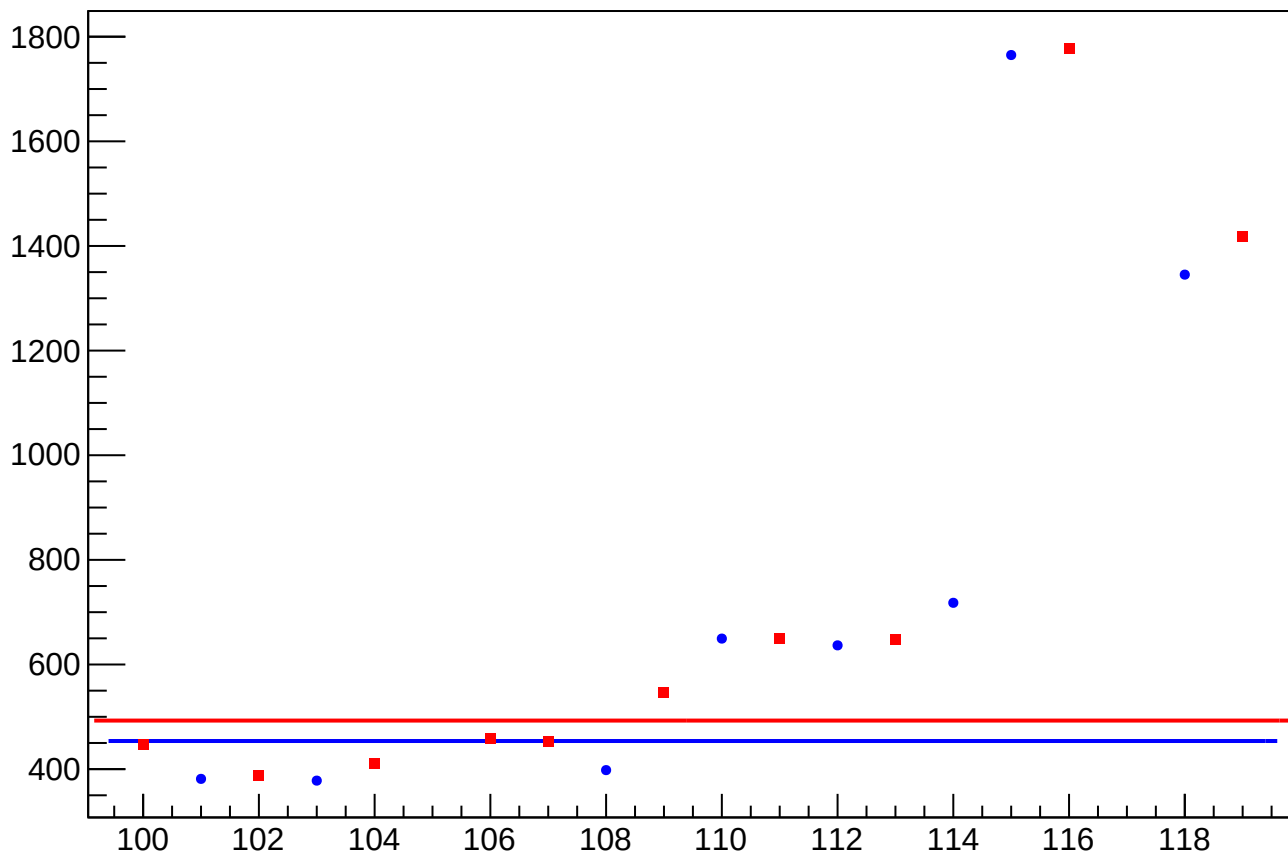
Right: 51.474 $\pm$ 187.092 χ^2 /NDF: 9.9/17

In: 103.338 $\pm$ 268.102 χ^2 /NDF:1.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.474 $\pm$ 187.092 χ^2 /NDF: 9.9/17

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 453.760+/-0.190 χ^2/NDF : 924053.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.832+/-0.185 χ^2/NDF : 1030776.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

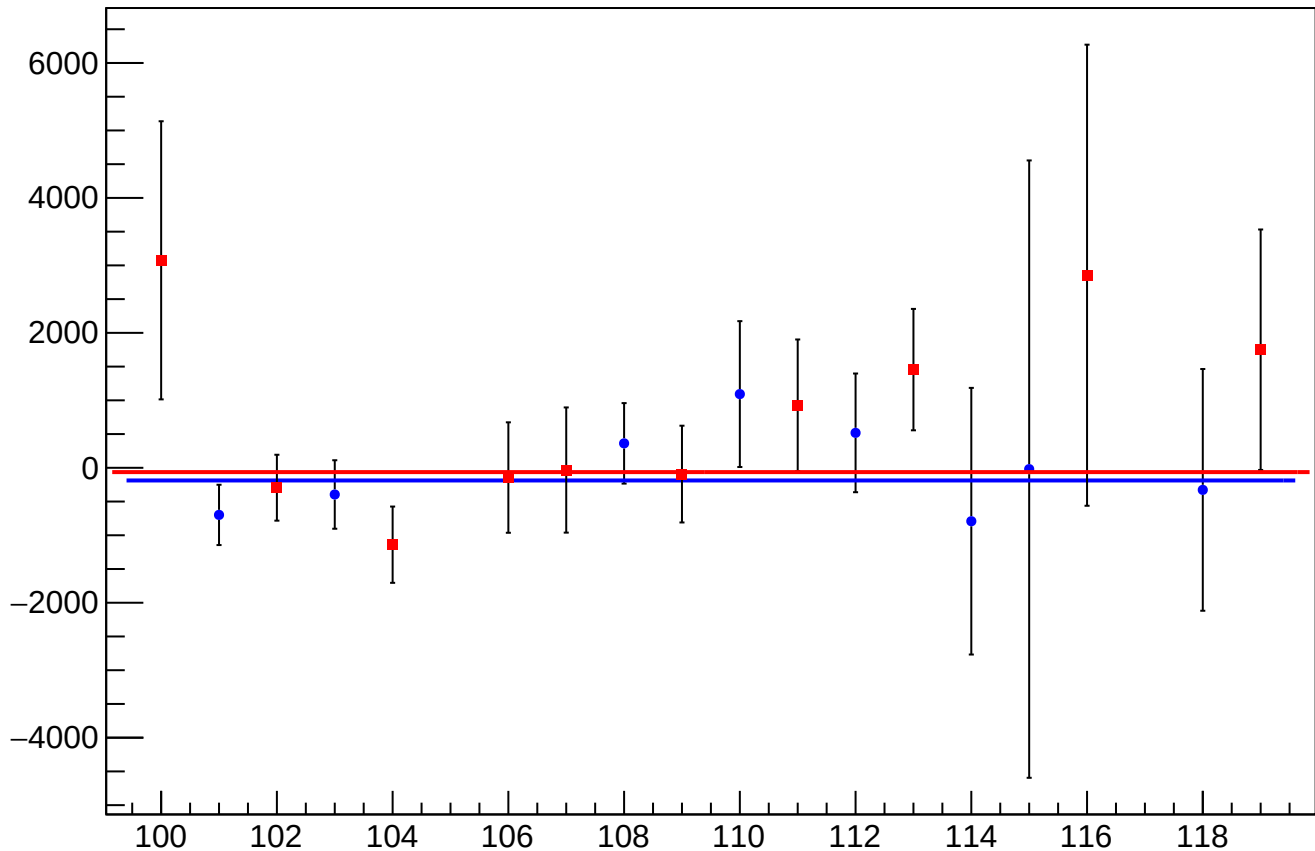
Right: 473.805+/-0.132 χ^2/NDF : 1976621.3/17

In: 453.760+/-0.190 χ^2/NDF : 924053.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.805+/-0.132 χ^2/NDF : 1976621.3/17

asym_sam6_mean vs Slug, Sign Corrected



Right In: -187.750+/-262.953 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.730+/-259.543 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

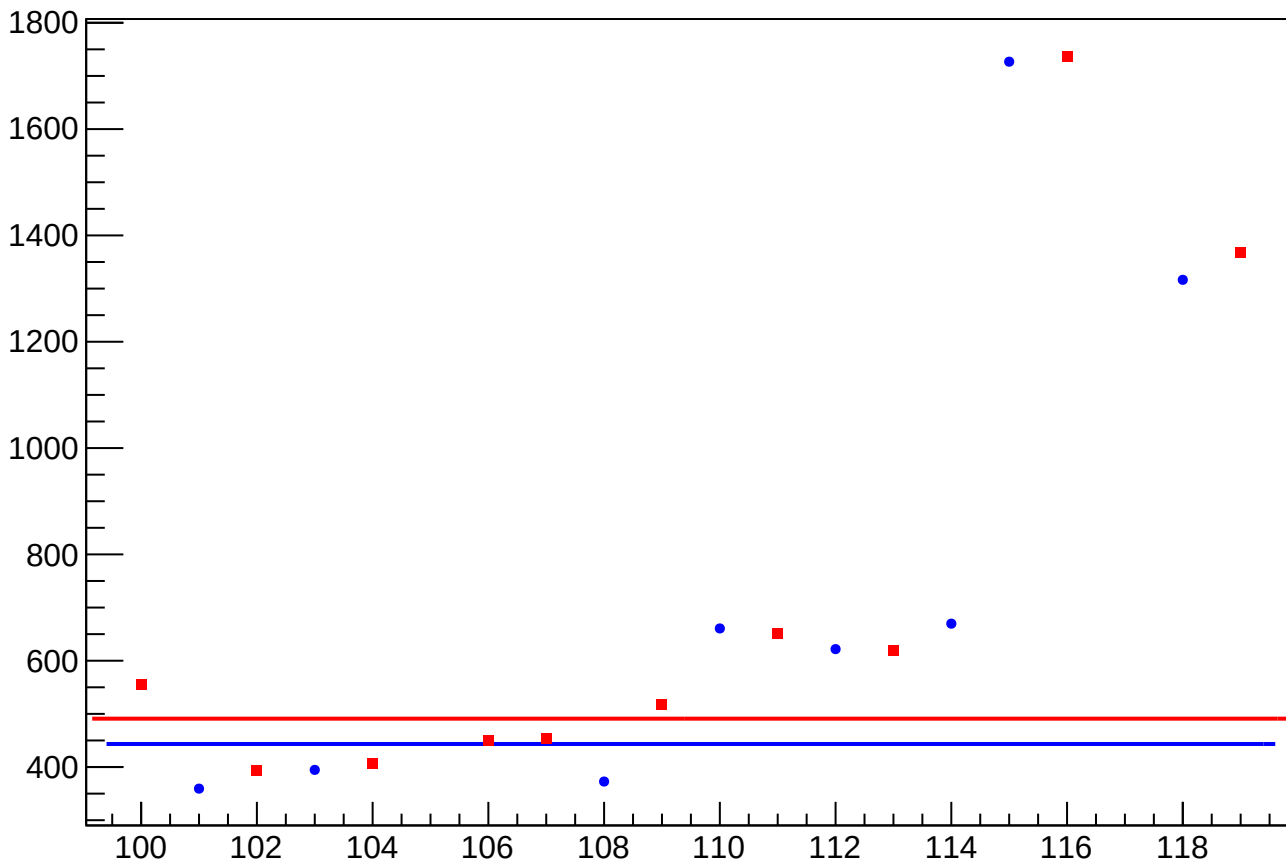
Right: -124.931+/-184.718 χ^2/NDF : 16.4/17

In: -187.750+/-262.953 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.931+/-184.718 χ^2/NDF : 16.4/17

asym_sam6_rms vs Slug, Sign Corrected



Right In: 443.359+/-0.186 χ^2/NDF : 939015.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.022+/-0.184 χ^2/NDF : 982307.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

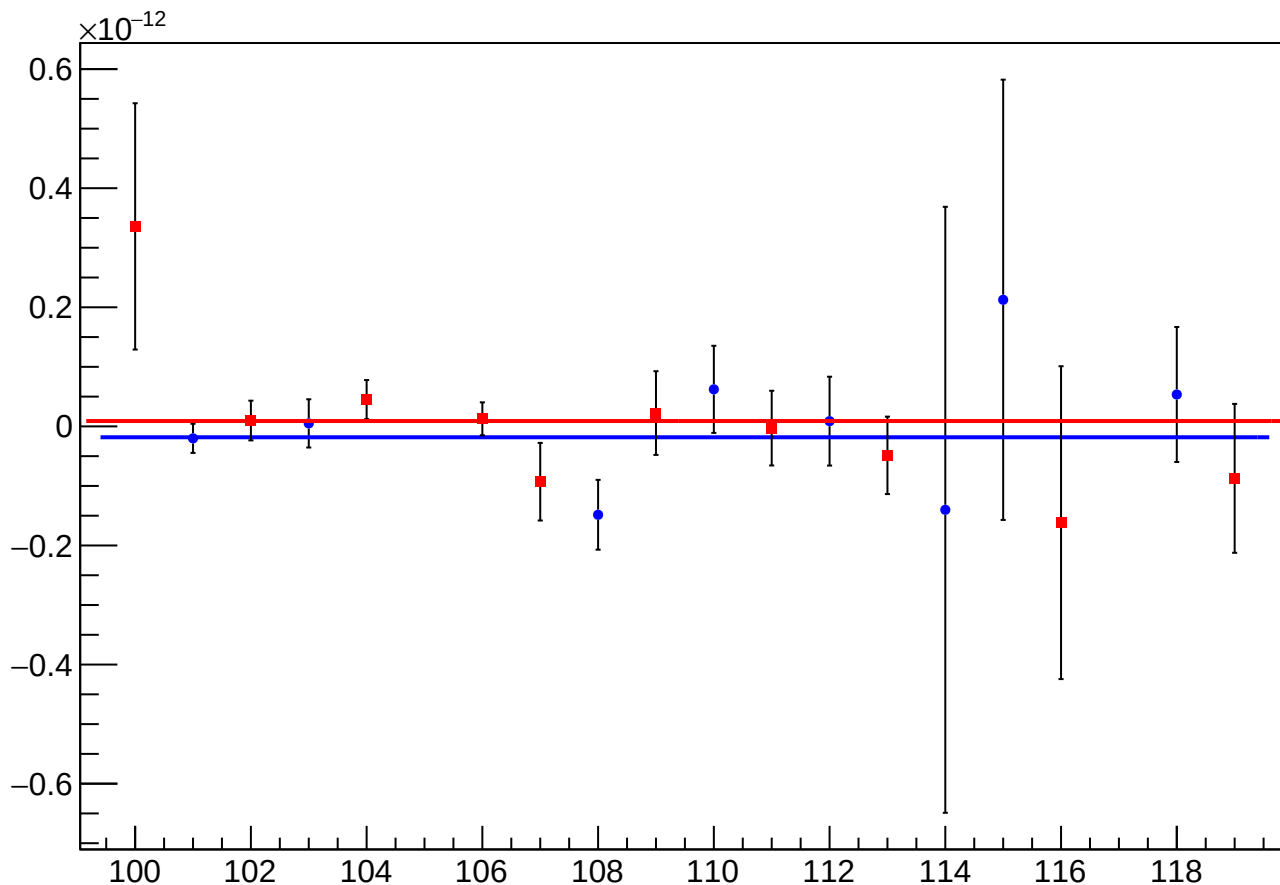
Right: 467.501+/-0.131 χ^2/NDF : 1954606.4/17

In: 443.359+/-0.186 χ^2/NDF : 939015.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 467.501+/-0.131 χ^2/NDF : 1954606.4/17

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 7.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 8.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

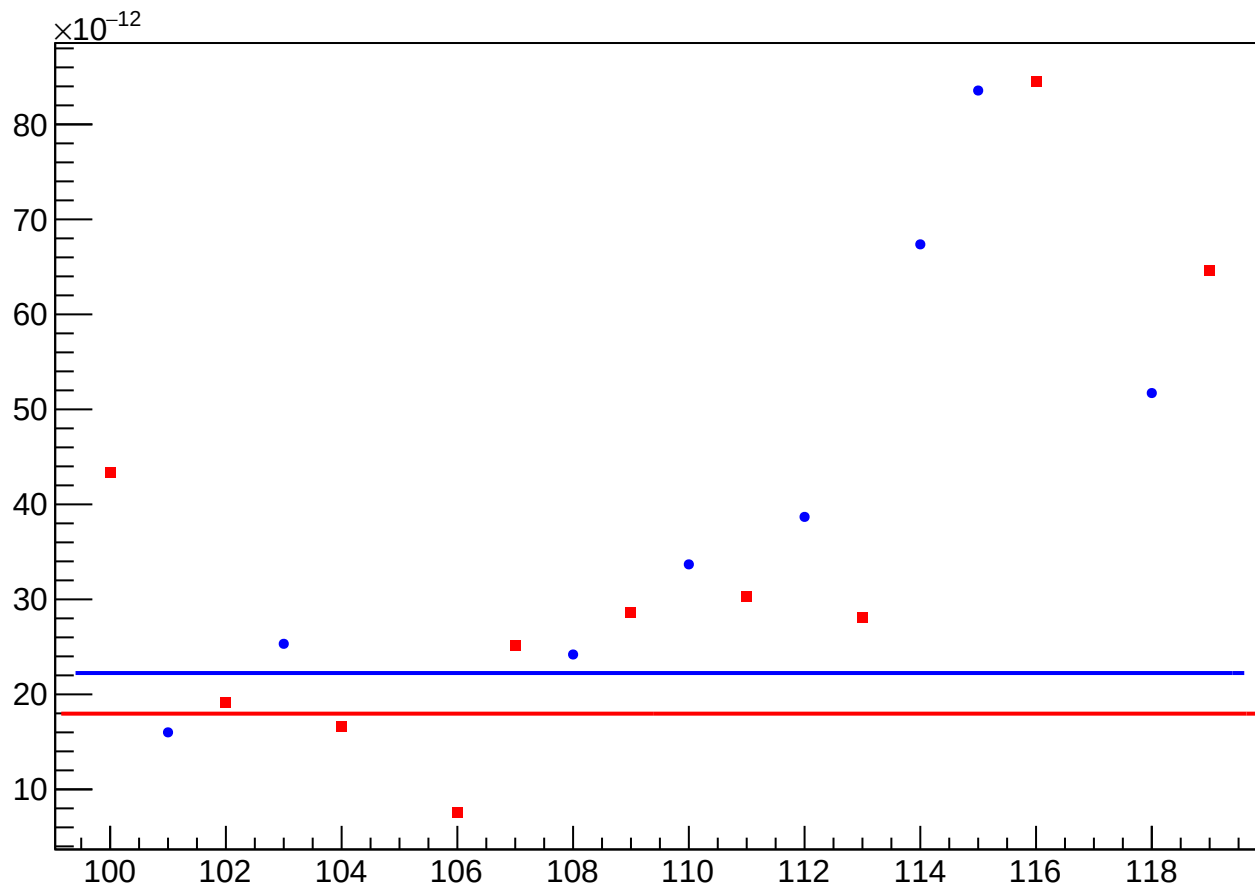
Right: -0.000 ± 0.000 χ^2/NDF : 16.8/17

In: -0.000 ± 0.000 χ^2/NDF : 7.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 16.8/17

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 496061.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 921466.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

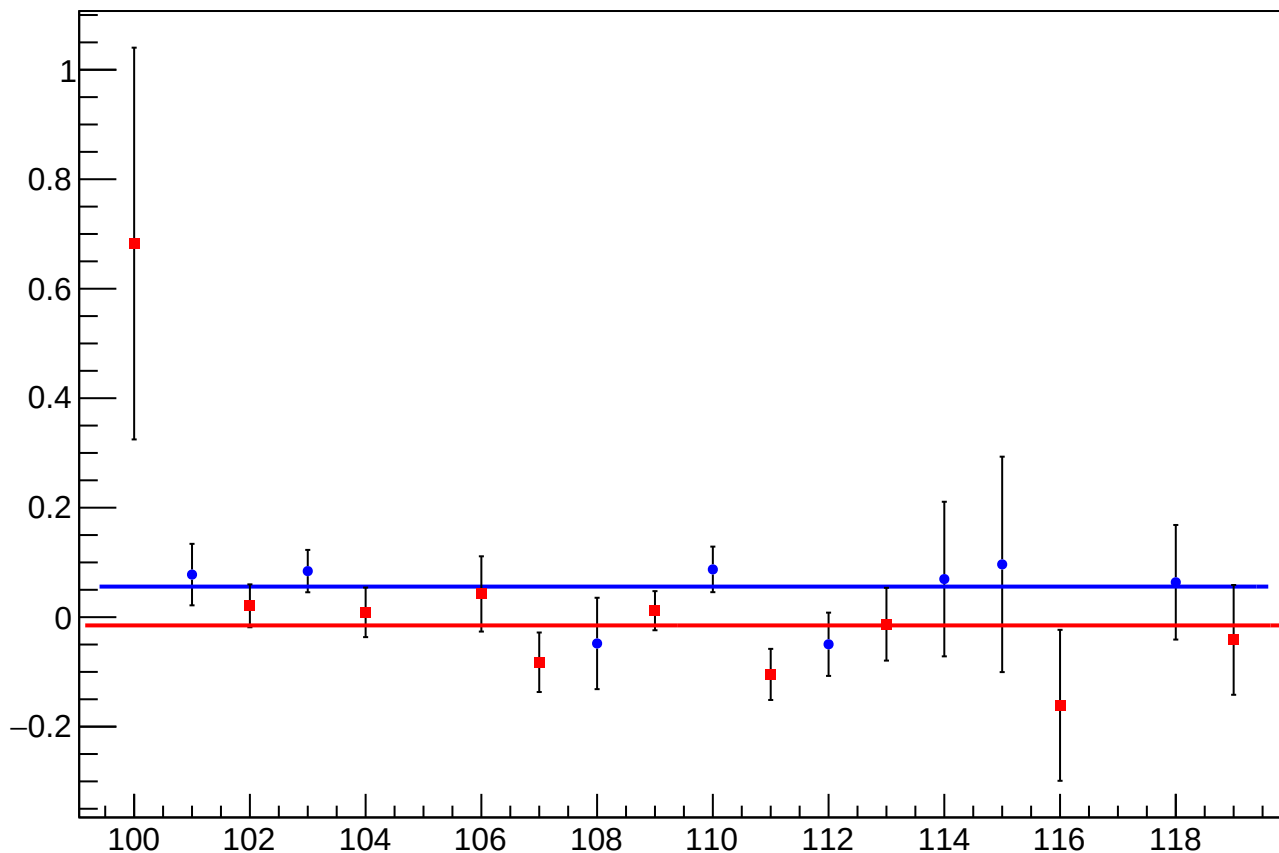
Right: 0.000+/-0.000 χ^2/NDF : 1481643.2/17

In: 0.000+/-0.000 χ^2/NDF : 496061.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1481643.2/17

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

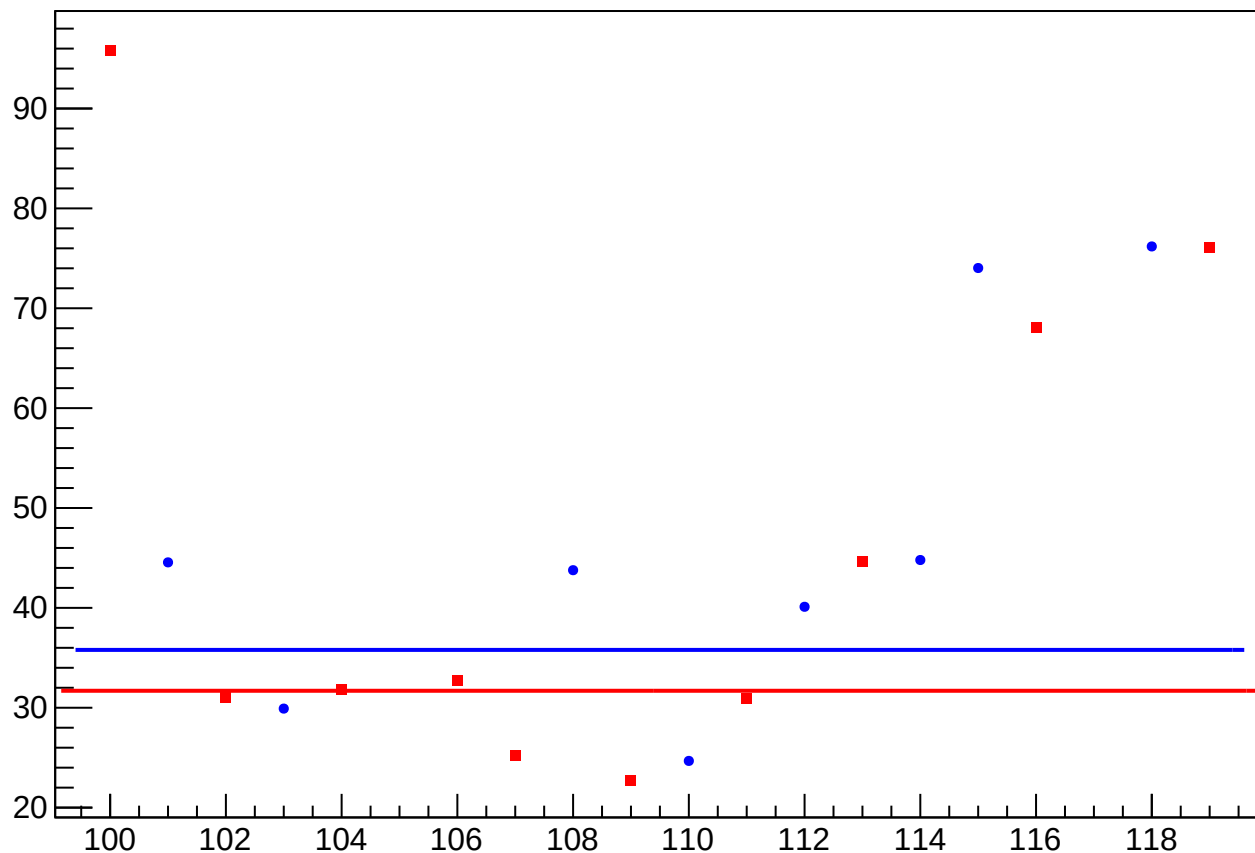
Right: 0.013+/-0.013 χ^2/NDF : 25.4/17

In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.013 χ^2/NDF : 25.4/17

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.015 χ^2/NDF : 648614.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827220.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

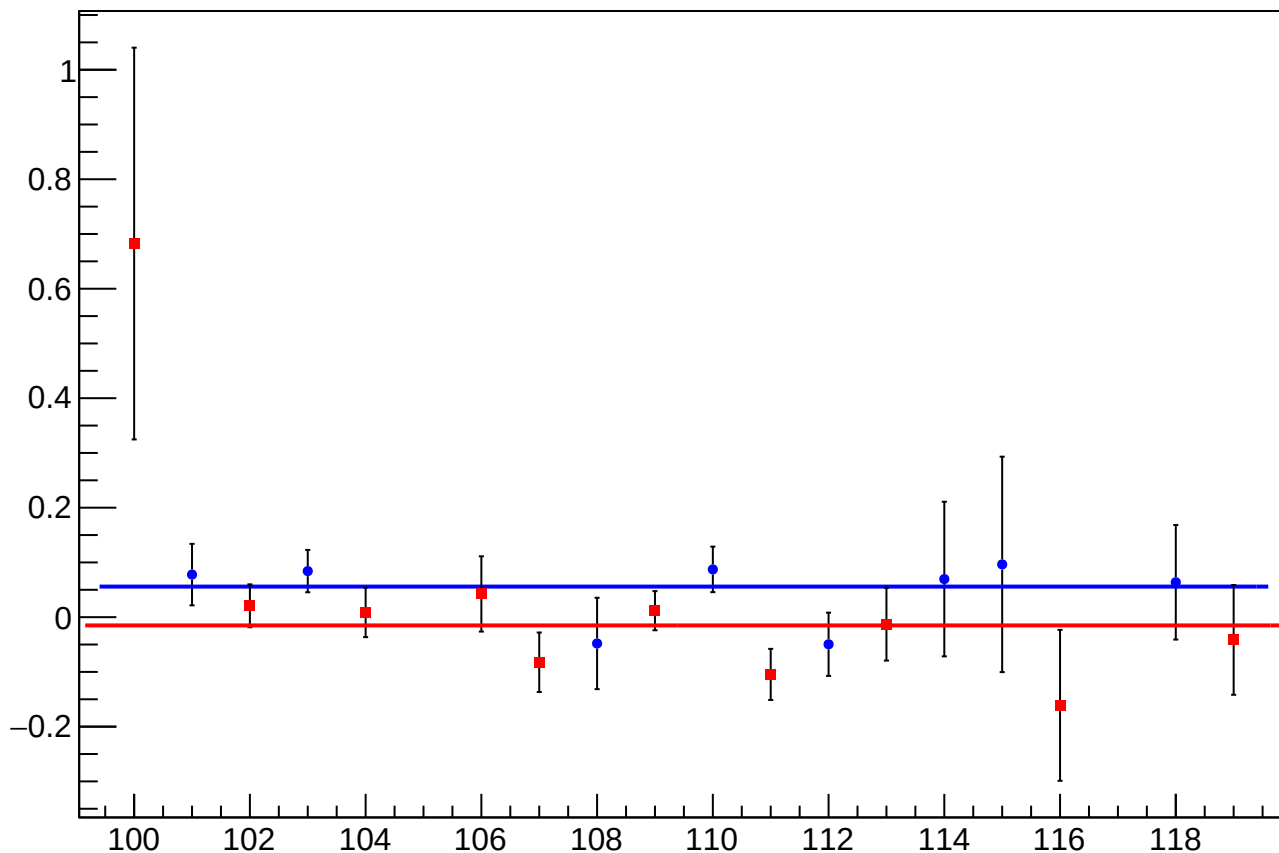
Right: 33.319+/-0.010 χ^2/NDF : 1519802.7/17

In: 35.791+/-0.015 χ^2/NDF : 648614.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.319+/-0.010 χ^2/NDF : 1519802.7/17

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

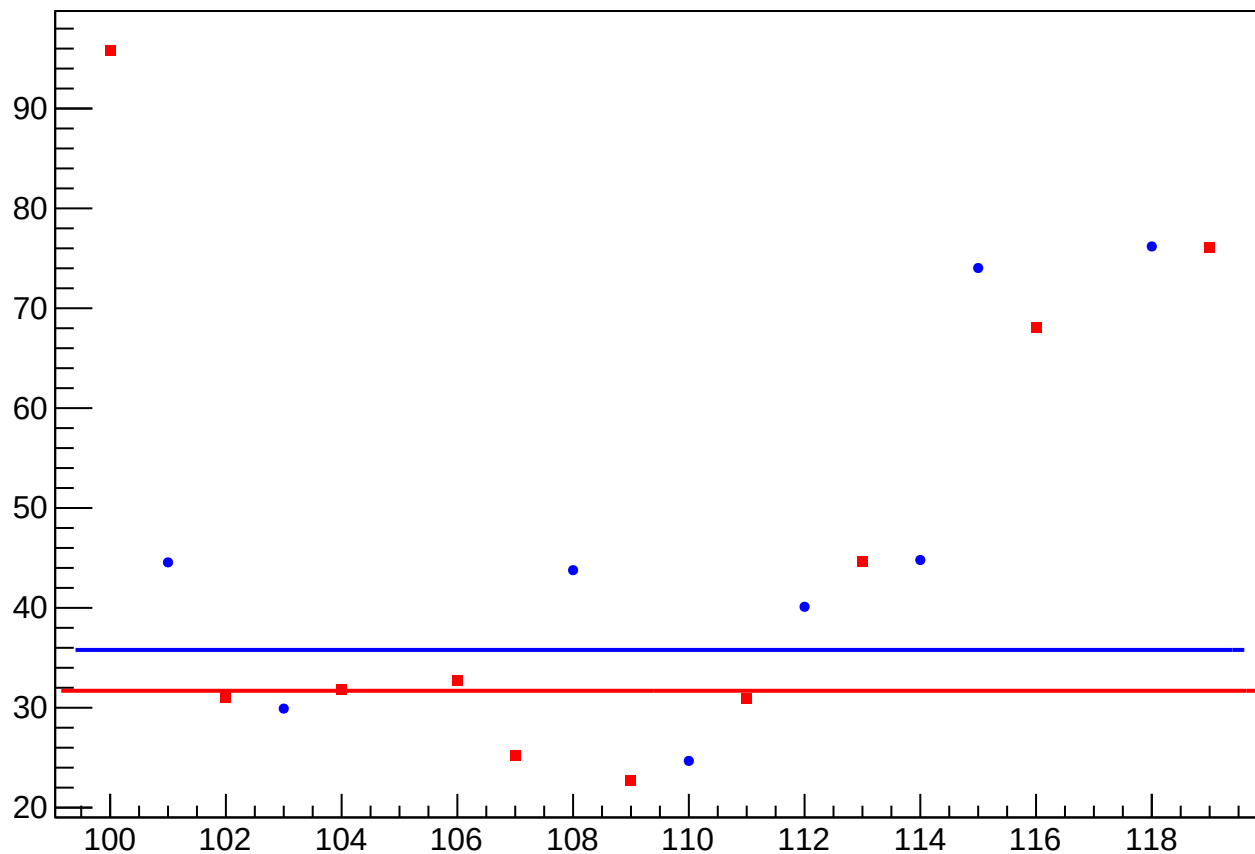
Right: 0.013+/-0.013 χ^2/NDF : 25.4/17

In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.013 χ^2/NDF : 25.4/17

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.015 χ^2/NDF : 648614.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827220.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

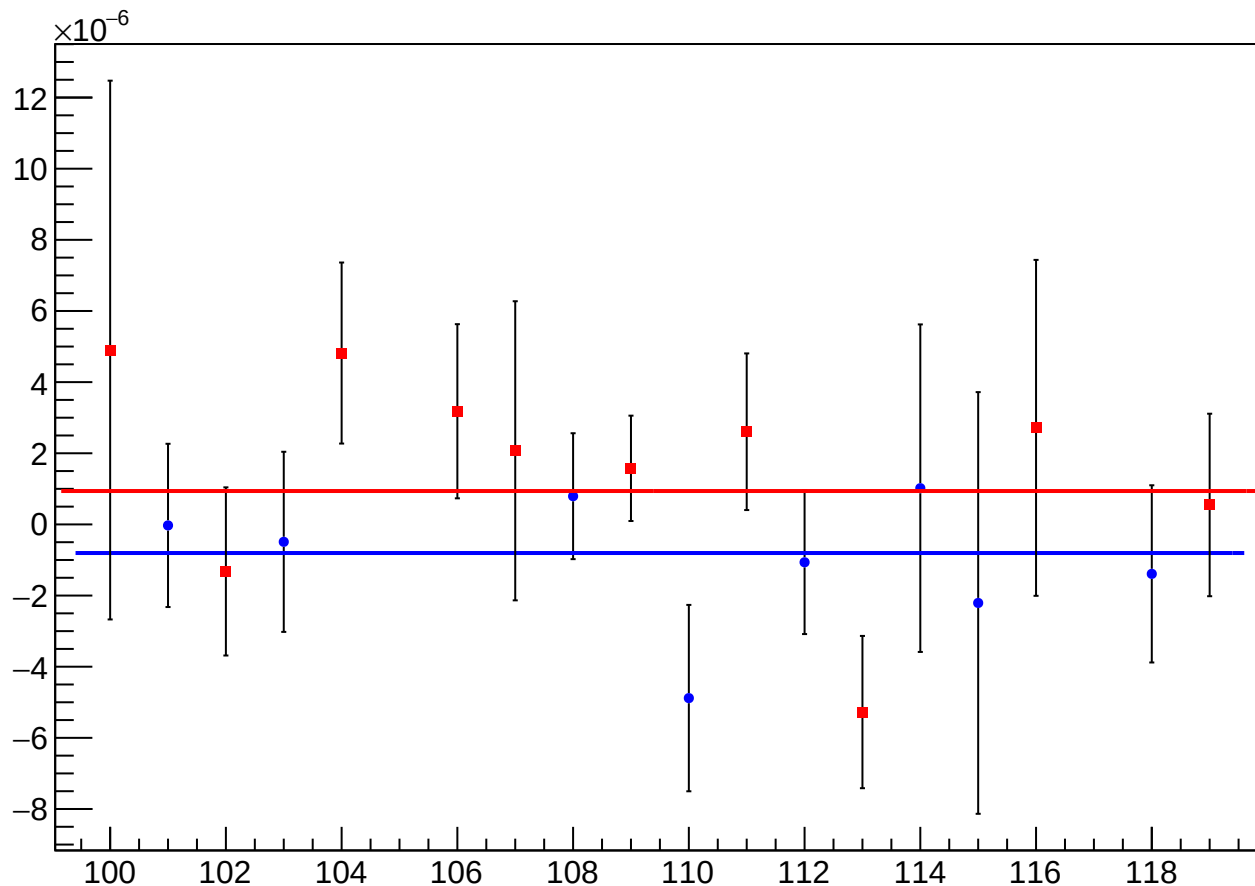
Right: 33.319+/-0.010 χ^2/NDF : 1519802.7/17

In: 35.791+/-0.015 χ^2/NDF : 648614.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.319+/-0.010 χ^2/NDF : 1519802.7/17

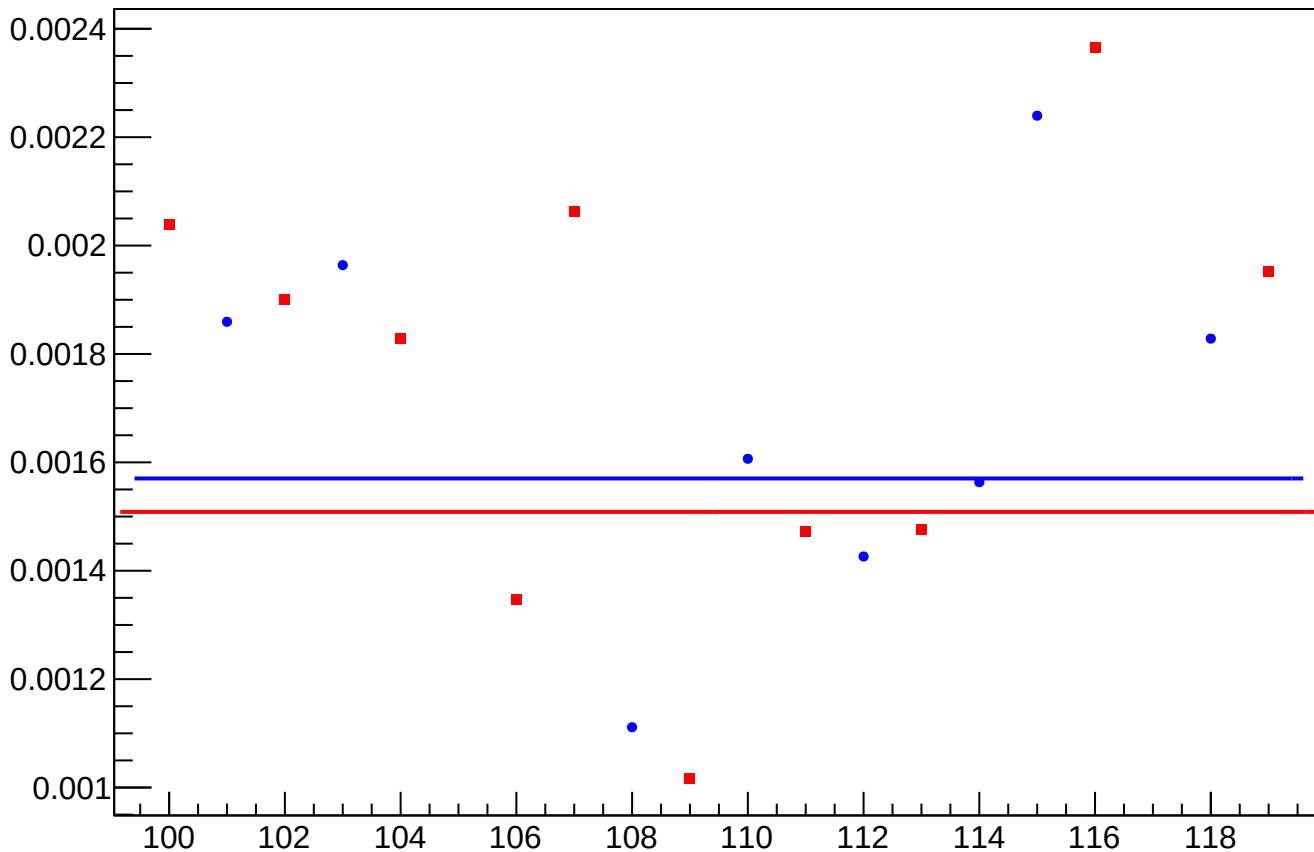
asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 19.6/17
 In: -0.000+/-0.000 χ^2/NDF : 3.7/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 19.6/17

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 272179.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 486678.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

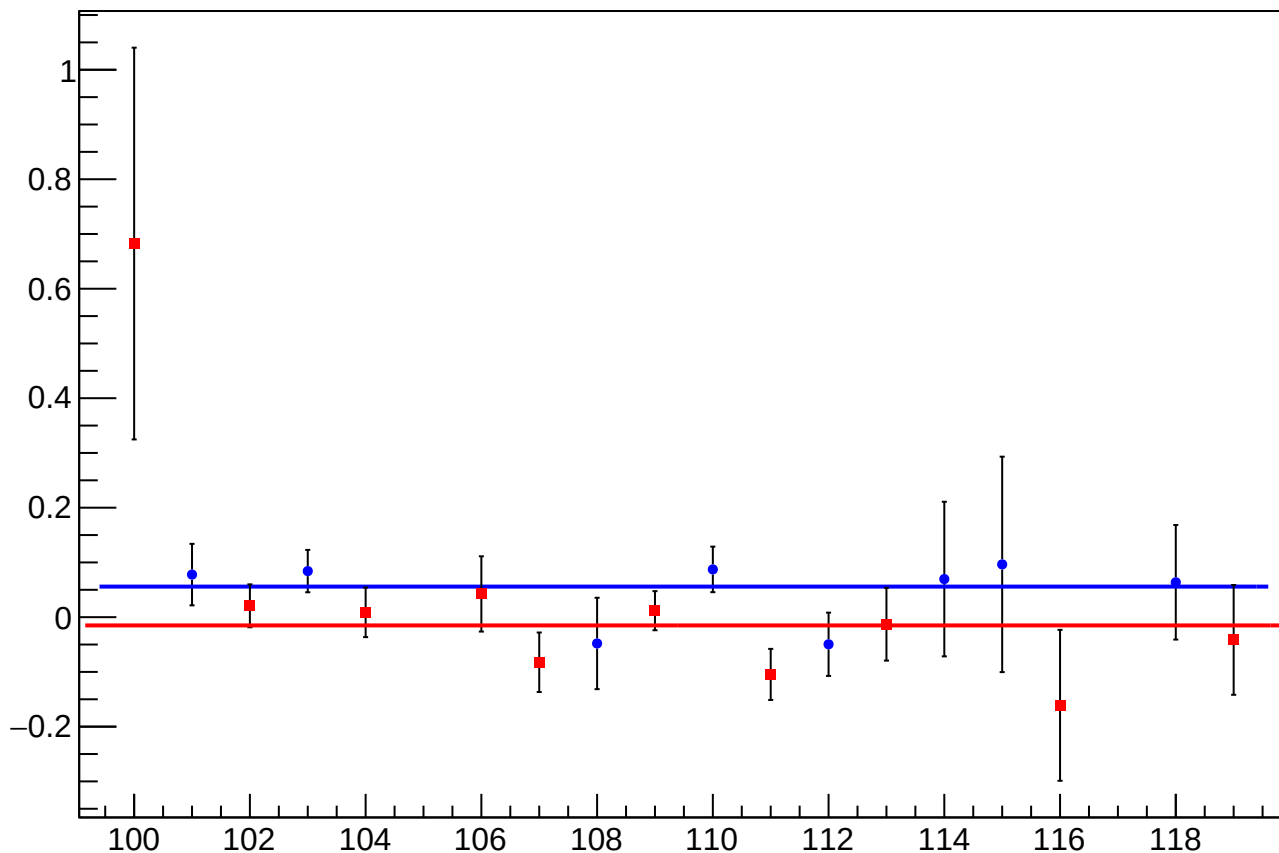
Right: 0.002+/-0.000 χ^2/NDF : 764376.8/17

In: 0.002+/-0.000 χ^2/NDF : 272179.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 764376.8/17

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

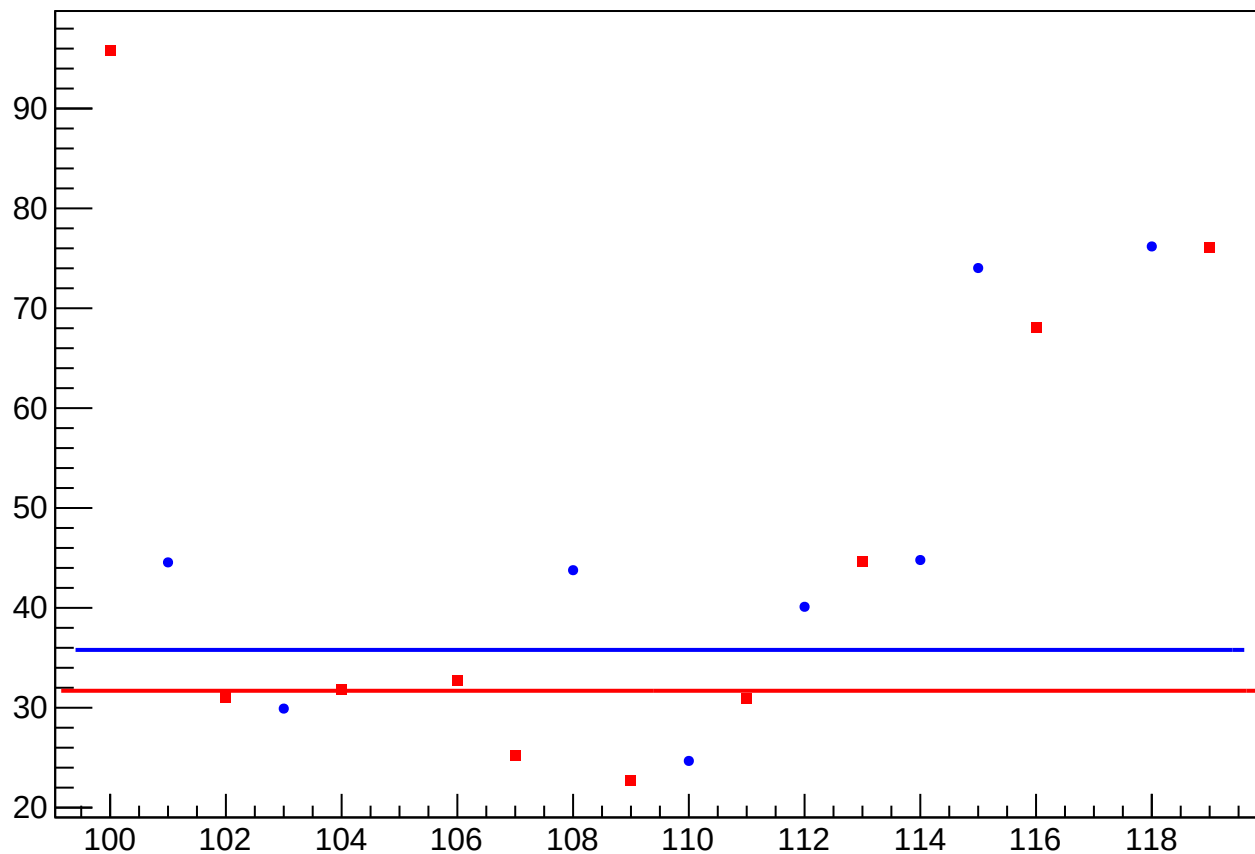
Right: 0.013+/-0.013 χ^2/NDF : 25.4/17

In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.013 χ^2/NDF : 25.4/17

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.015 χ^2/NDF : 648618.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827217.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

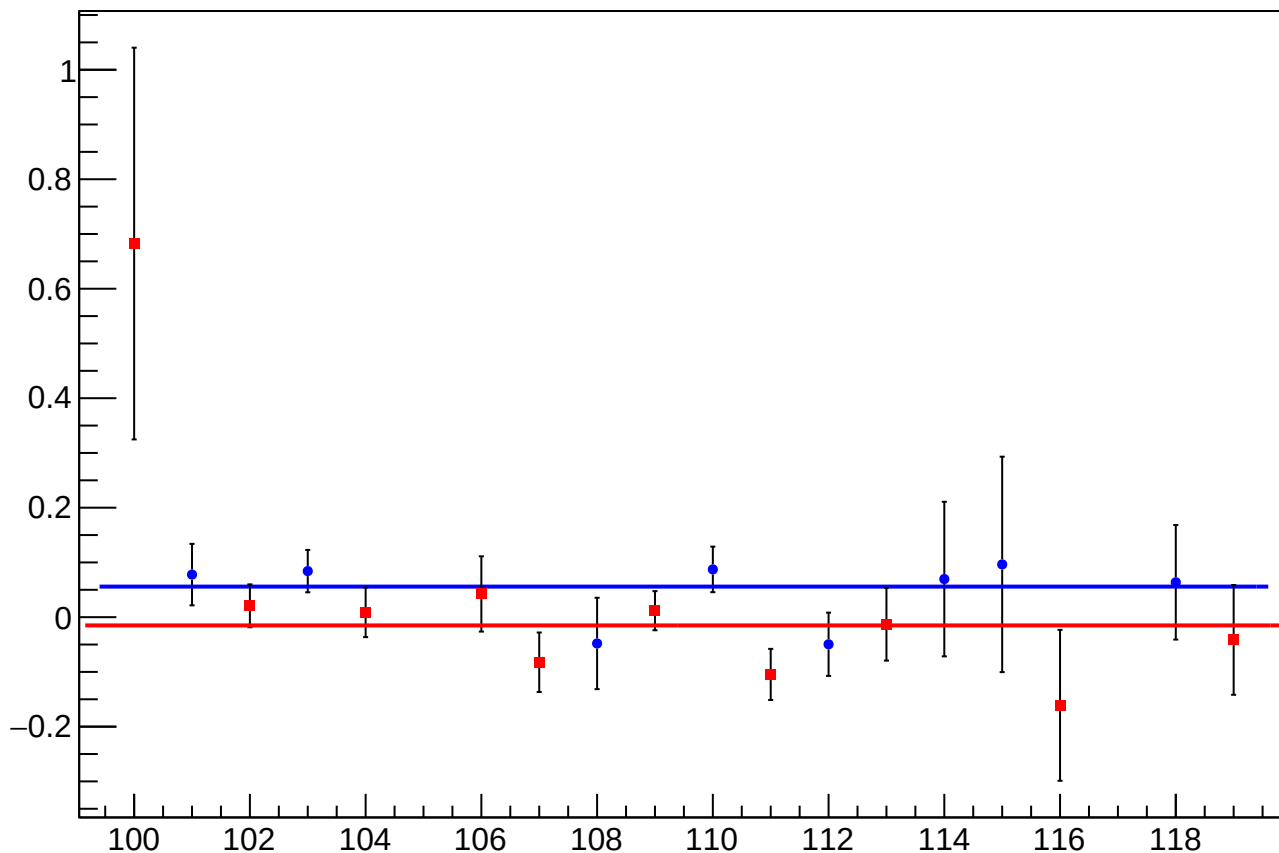
Right: 33.318+/-0.010 χ^2/NDF : 1519800.4/17

In: 35.791+/-0.015 χ^2/NDF : 648618.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.318+/-0.010 χ^2/NDF : 1519800.4/17

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.017 χ^2/NDF : 12.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

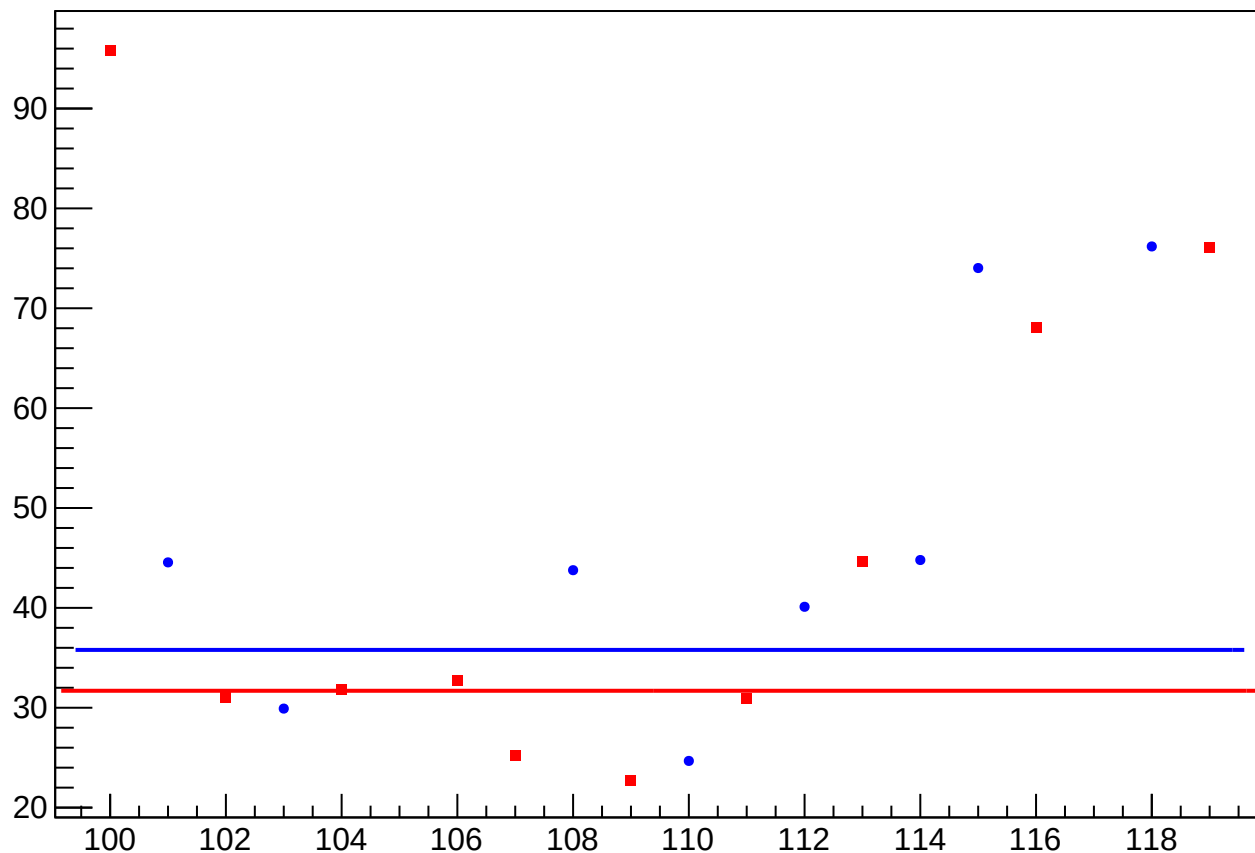
Right: 0.013+/-0.013 χ^2/NDF : 25.4/17

In: 0.056+/-0.021 χ^2/NDF : 6.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.013 χ^2/NDF : 25.4/17

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.791+/-0.015 χ^2/NDF : 648618.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.699+/-0.012 χ^2/NDF : 827217.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

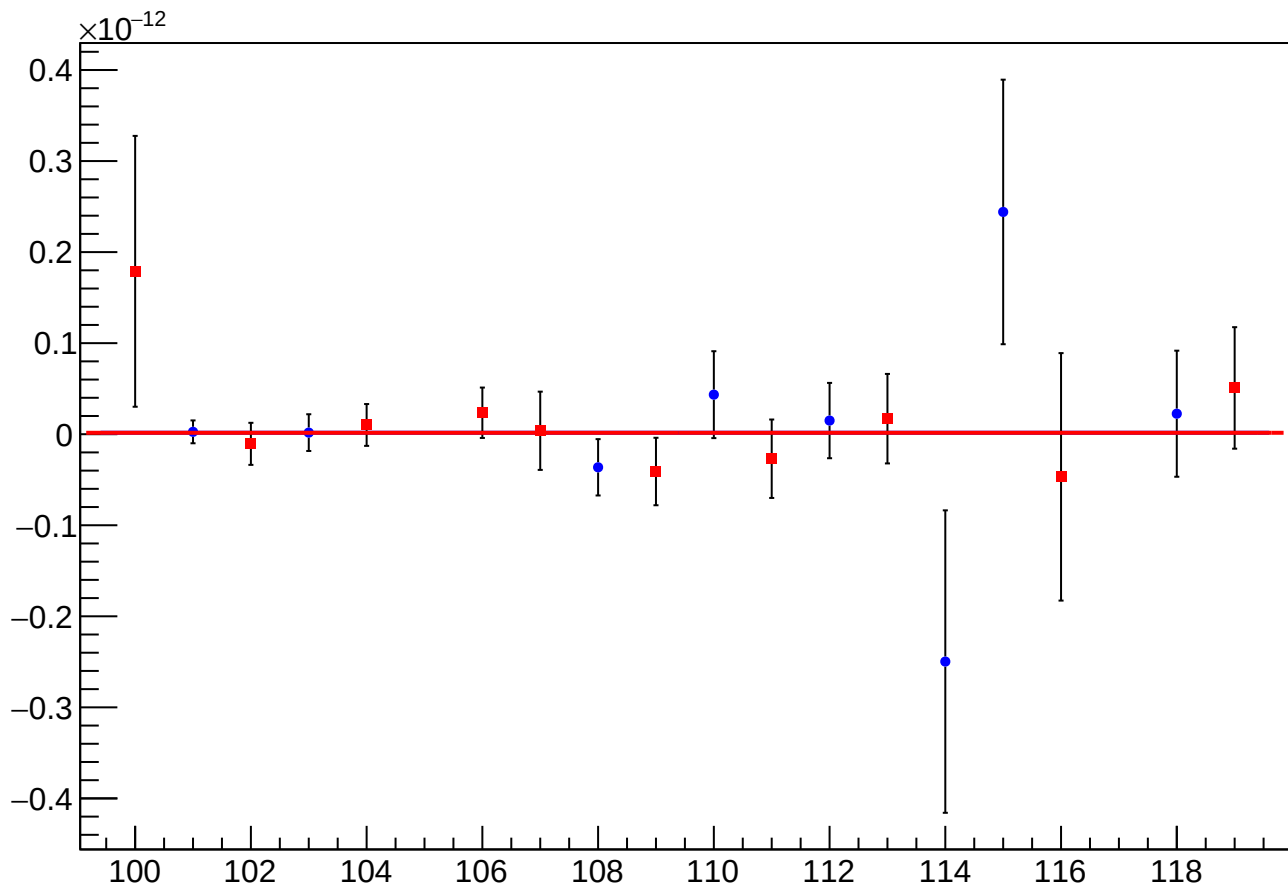
Right: 33.318+/-0.010 χ^2/NDF : 1519800.4/17

In: 35.791+/-0.015 χ^2/NDF : 648618.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.318+/-0.010 χ^2/NDF : 1519800.4/17

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

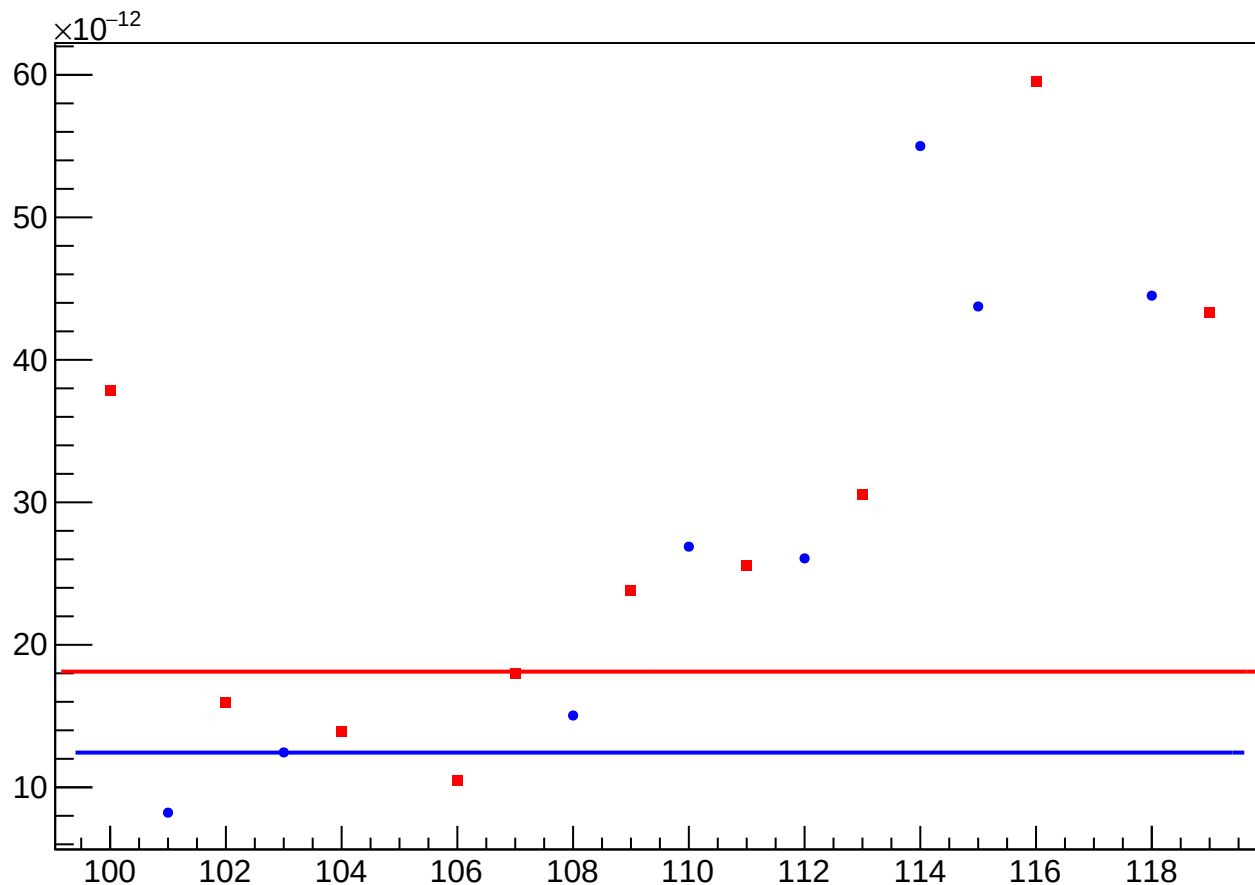
Right: 0.000+/-0.000 χ^2/NDF : 12.6/17

In: 0.000+/-0.000 χ^2/NDF : 7.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/17

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1293860.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 978046.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

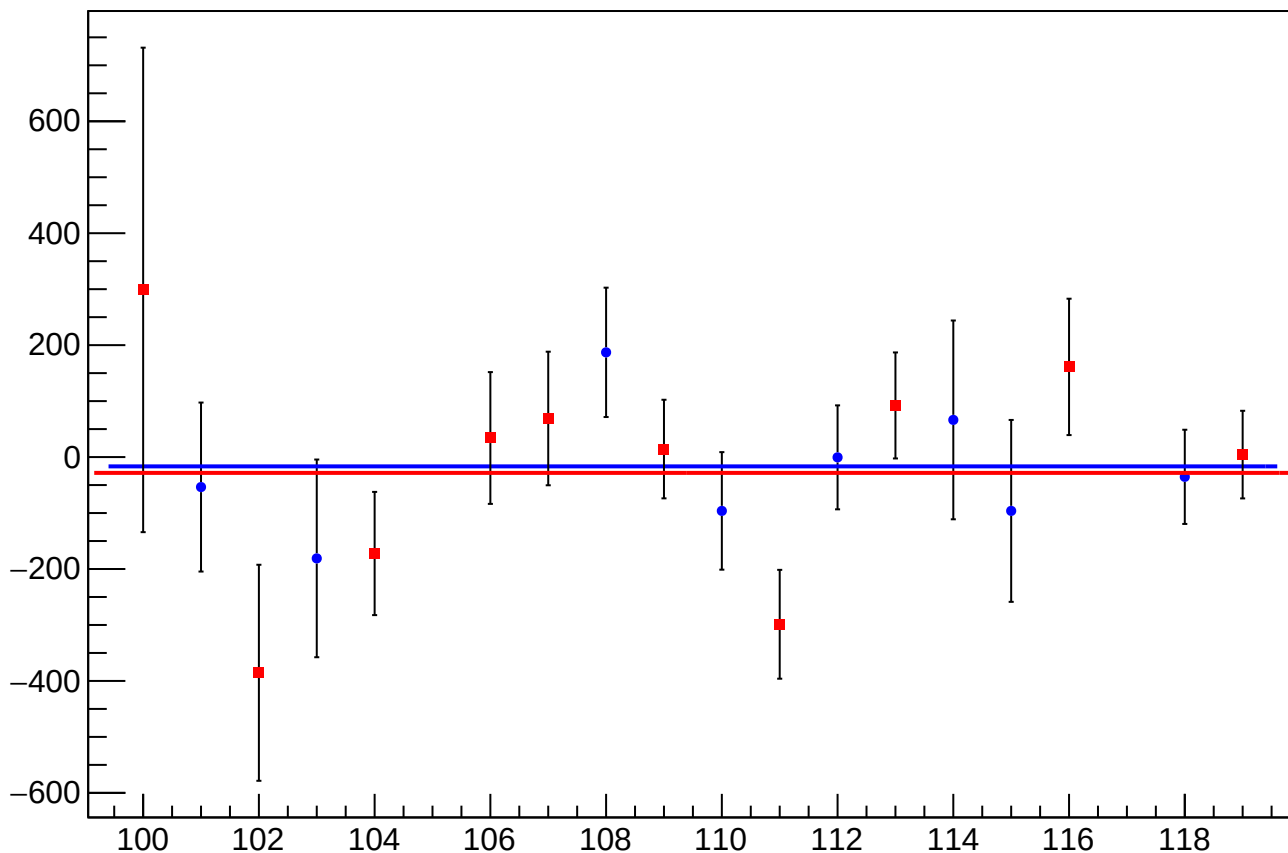
Right: 0.000+/-0.000 χ^2/NDF : 2564483.2/17

In: 0.000+/-0.000 χ^2/NDF : 1293860.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2564483.2/17

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.622 $\pm$ 41.953 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -28.257 $\pm$ 34.633 χ^2 /NDF: 18.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

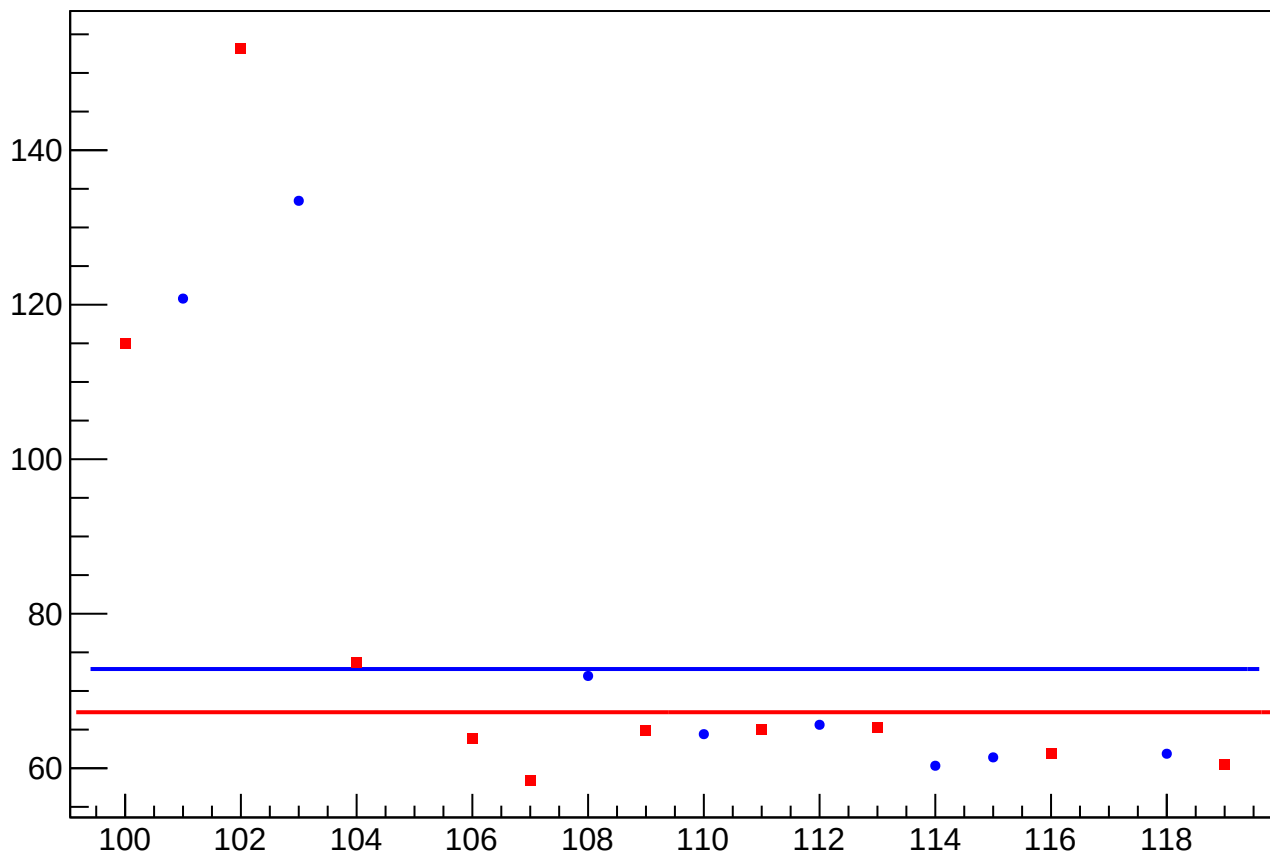
Right: -23.541 $\pm$ 26.708 χ^2 /NDF: 24.0/17

In: -16.622 $\pm$ 41.953 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.541 $\pm$ 26.708 χ^2 /NDF: 24.0/17

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516094.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.251 $\pm$ 0.024 χ^2 /NDF: 461886.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

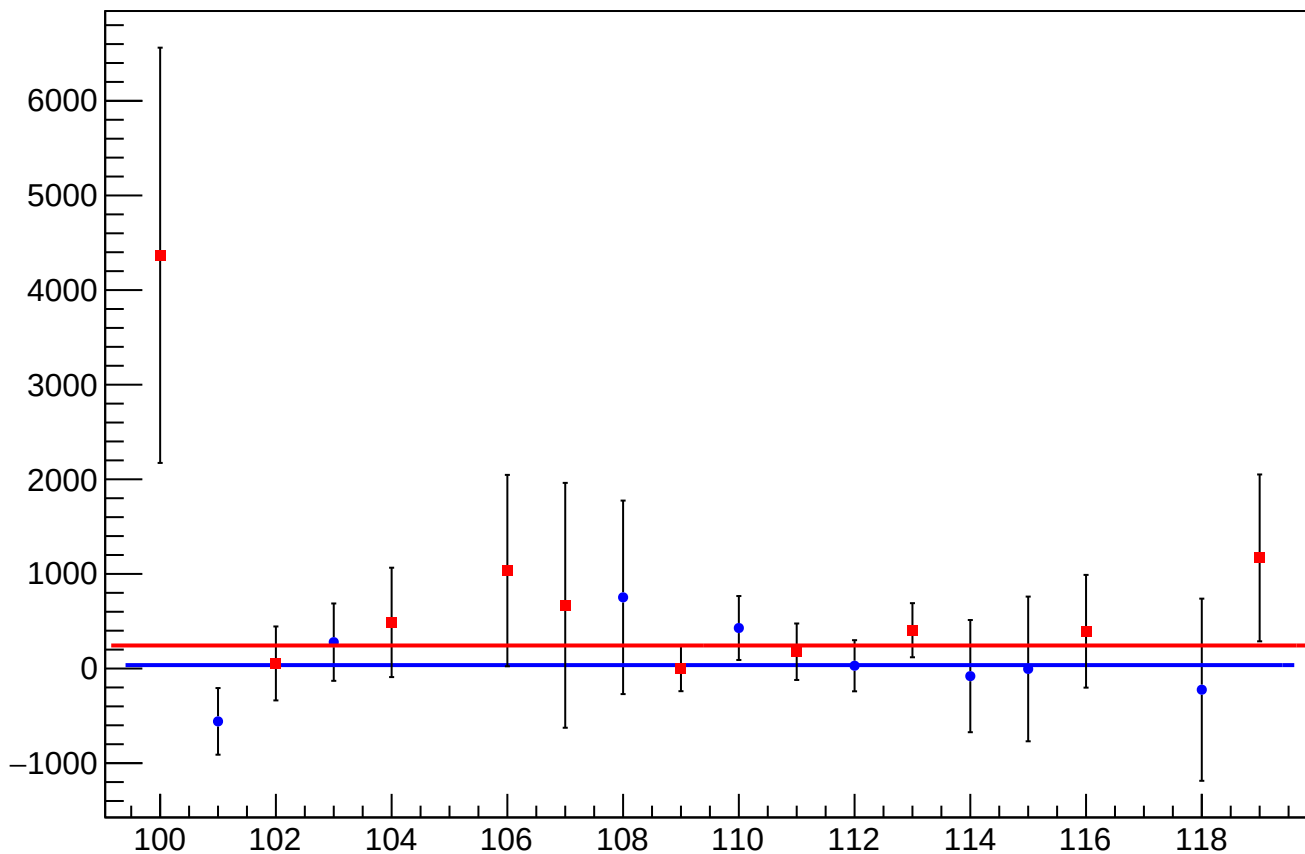
Right: 69.516 $\pm$ 0.019 χ^2 /NDF: 999106.3/17

In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516094.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.516 $\pm$ 0.019 χ^2 /NDF: 999106.3/17

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: 36.226+/-152.332 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 243.616+/-133.350 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

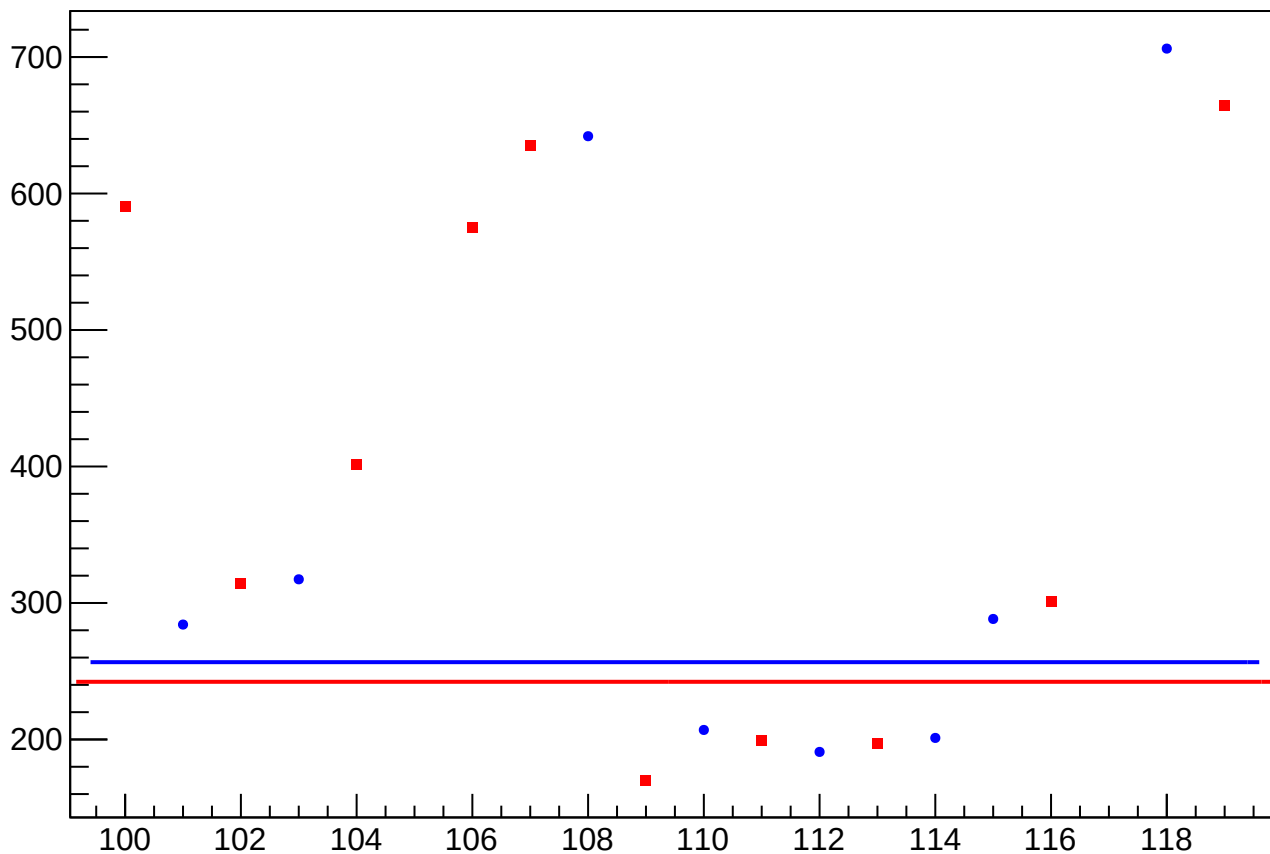
Right: 153.641+/-100.337 χ^2/NDF : 13.4/17

In: 36.226+/-152.332 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.641+/-100.337 χ^2/NDF : 13.4/17

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 256.638+/-0.108 χ^2/NDF : 959162.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 242.255+/-0.094 χ^2/NDF : 1422882.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

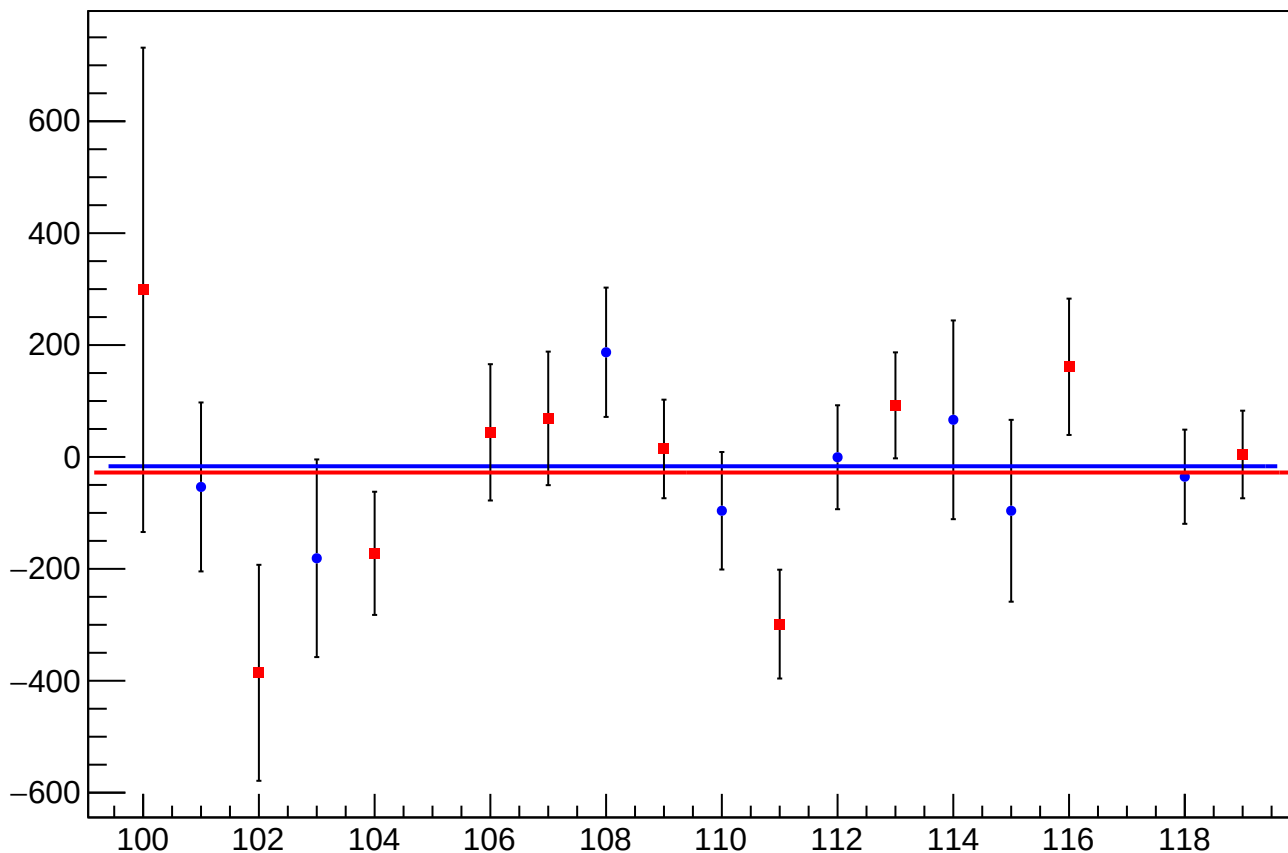
Right: 248.495+/-0.071 χ^2/NDF : 2392139.6/17

In: 256.638+/-0.108 χ^2/NDF : 959162.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.495+/-0.071 χ^2/NDF : 2392139.6/17

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.628 $\pm$ 41.953 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.810 $\pm$ 34.732 χ^2 /NDF: 18.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

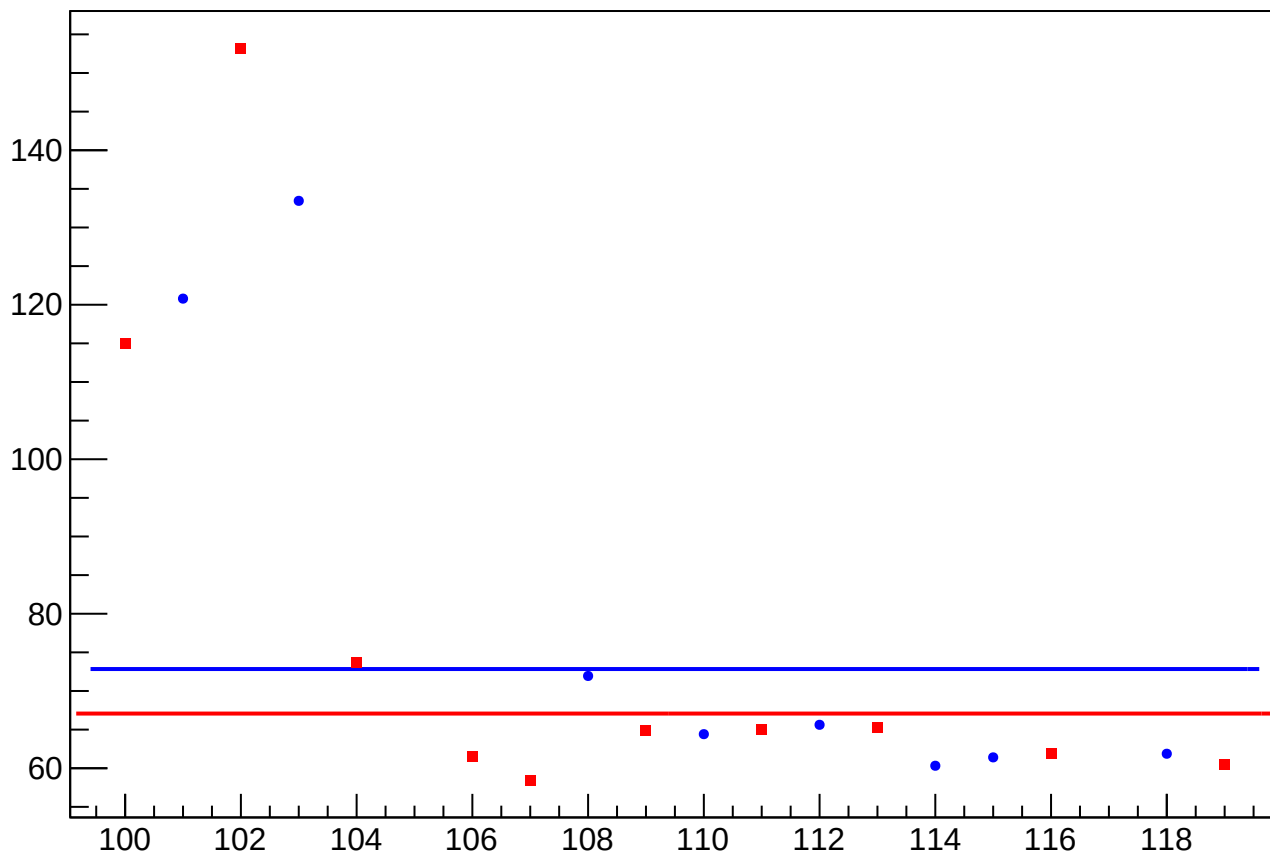
Right: -23.263 $\pm$ 26.753 χ^2 /NDF: 24.1/17

In: -16.628 $\pm$ 41.953 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.263 $\pm$ 26.753 χ^2 /NDF: 24.1/17

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516095.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.078 $\pm$ 0.025 χ^2 /NDF: 464630.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

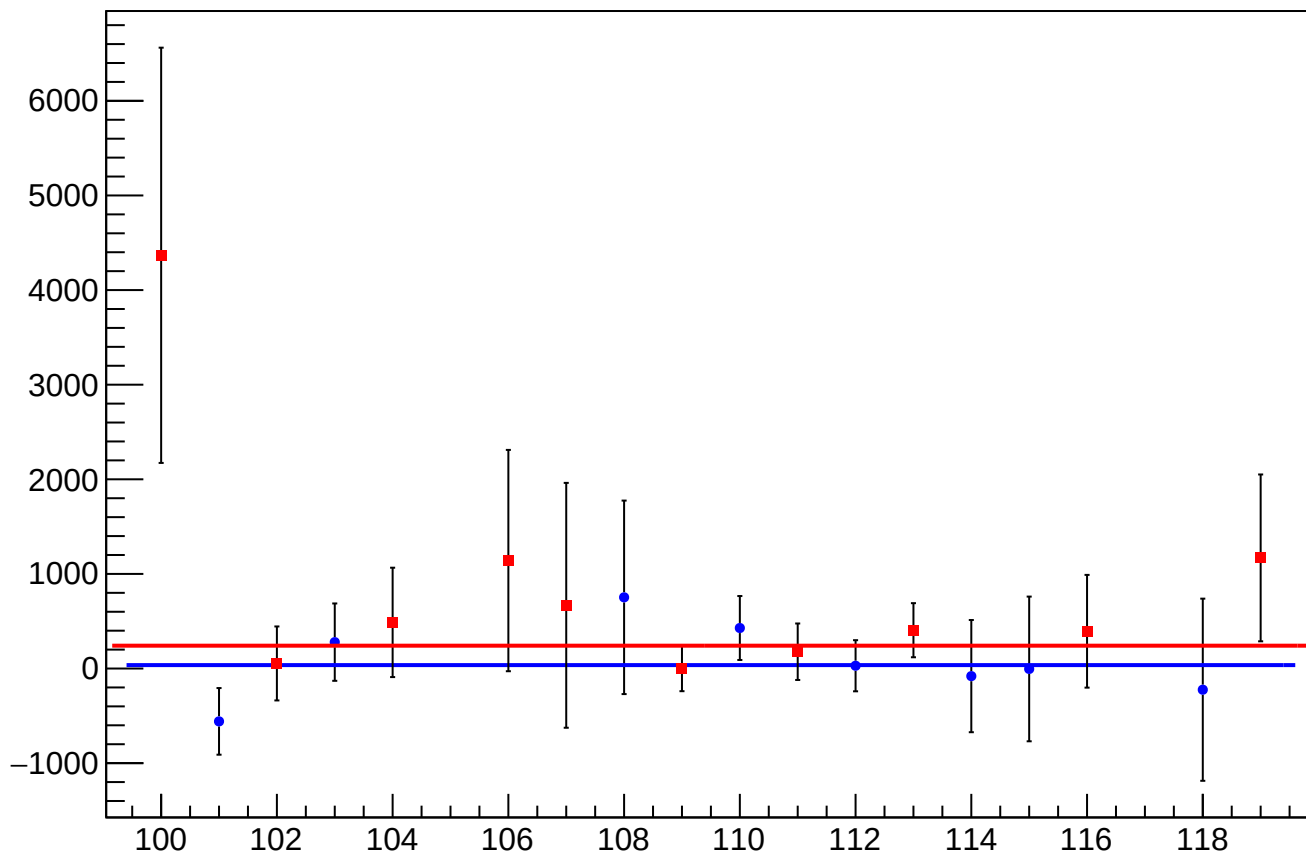
Right: 69.422 $\pm$ 0.019 χ^2 /NDF: 1003125.6/17

In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516095.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.422 $\pm$ 0.019 χ^2 /NDF: 1003125.6/17

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.232+/-152.334 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.521+/-133.650 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

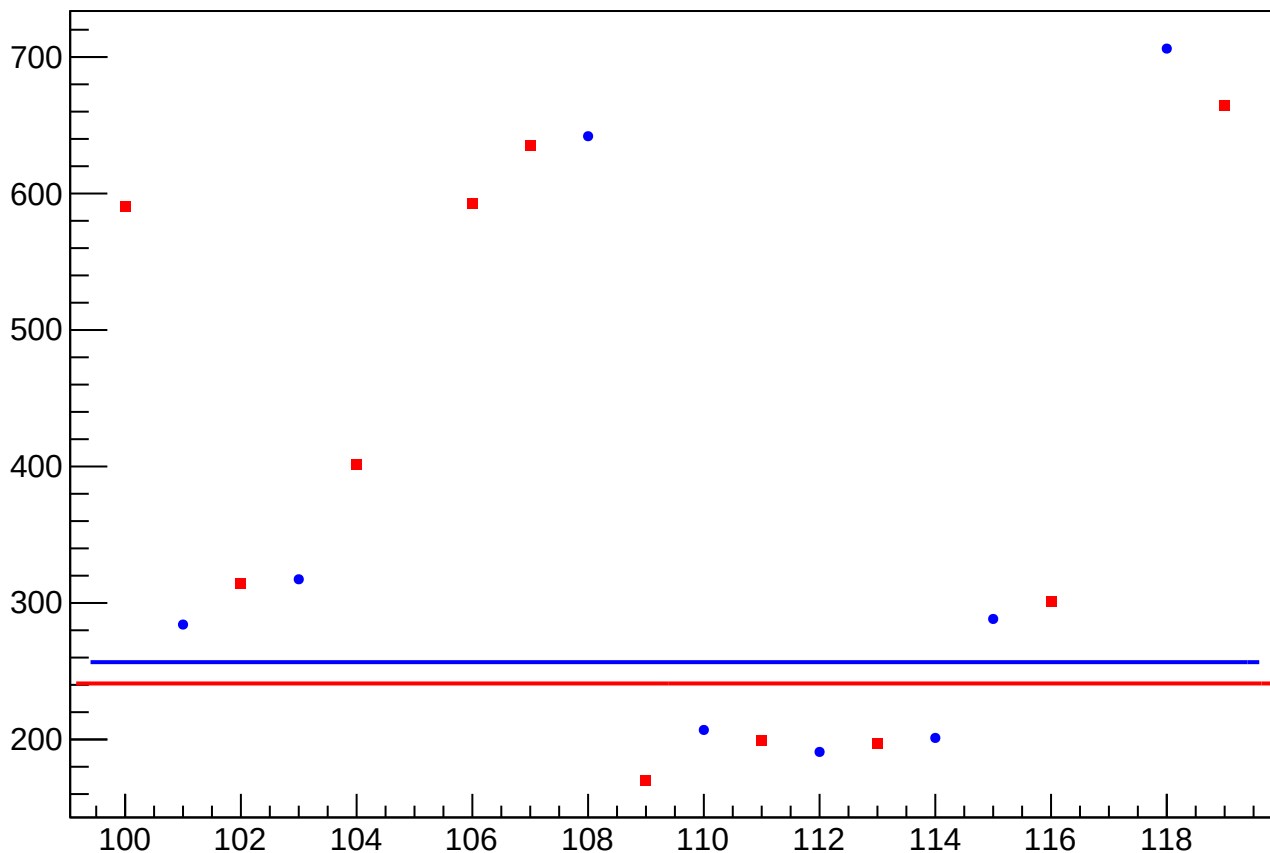
Right: 152.231+/-100.465 χ^2/NDF : 13.4/17

In: 36.232+/-152.334 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.231+/-100.465 χ^2/NDF : 13.4/17

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 256.640+/-0.108 χ^2/NDF : 959187.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.031+/-0.095 χ^2/NDF : 1386164.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

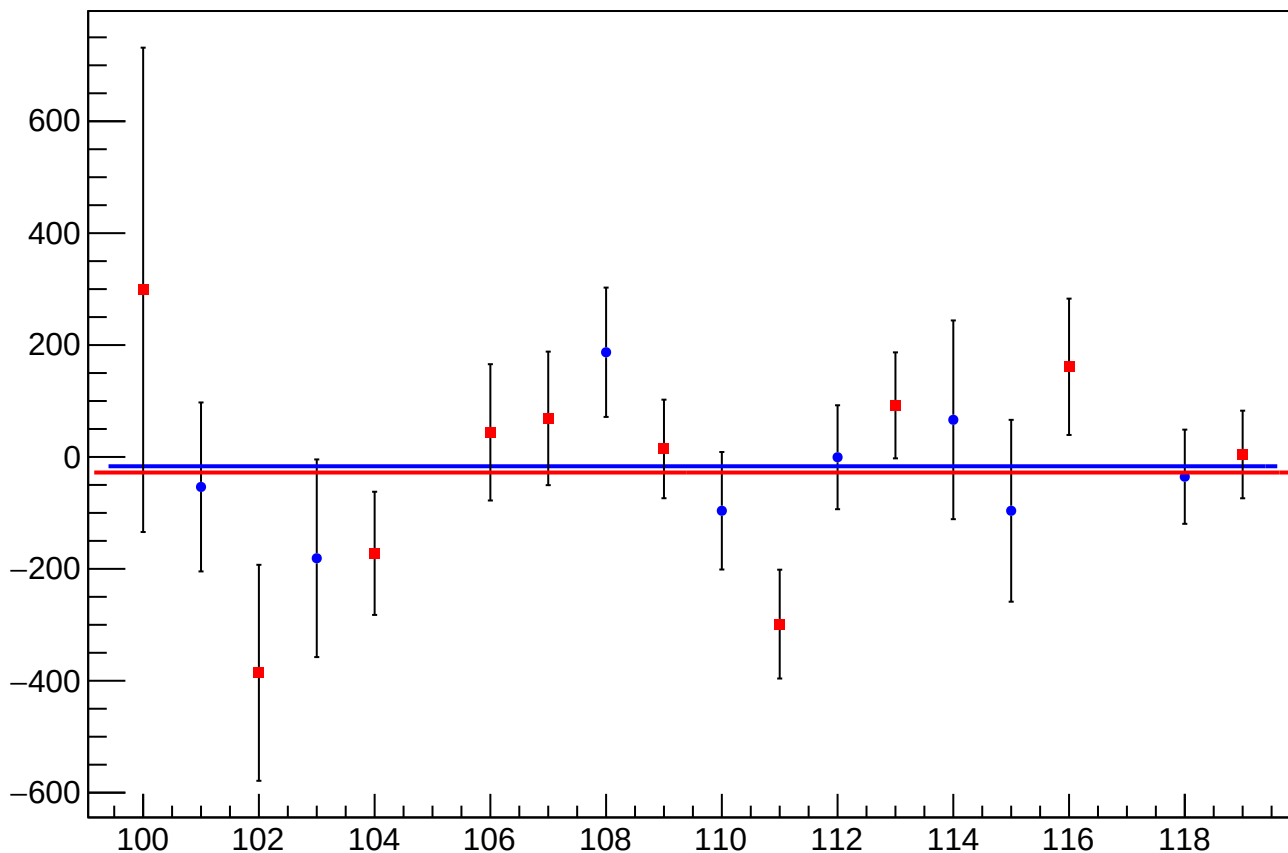
Right: 247.820+/-0.071 χ^2/NDF : 2357216.6/17

In: 256.640+/-0.108 χ^2/NDF : 959187.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.820+/-0.071 χ^2/NDF : 2357216.6/17

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -16.628 $\pm$ 41.953 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.810 $\pm$ 34.732 χ^2 /NDF: 18.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

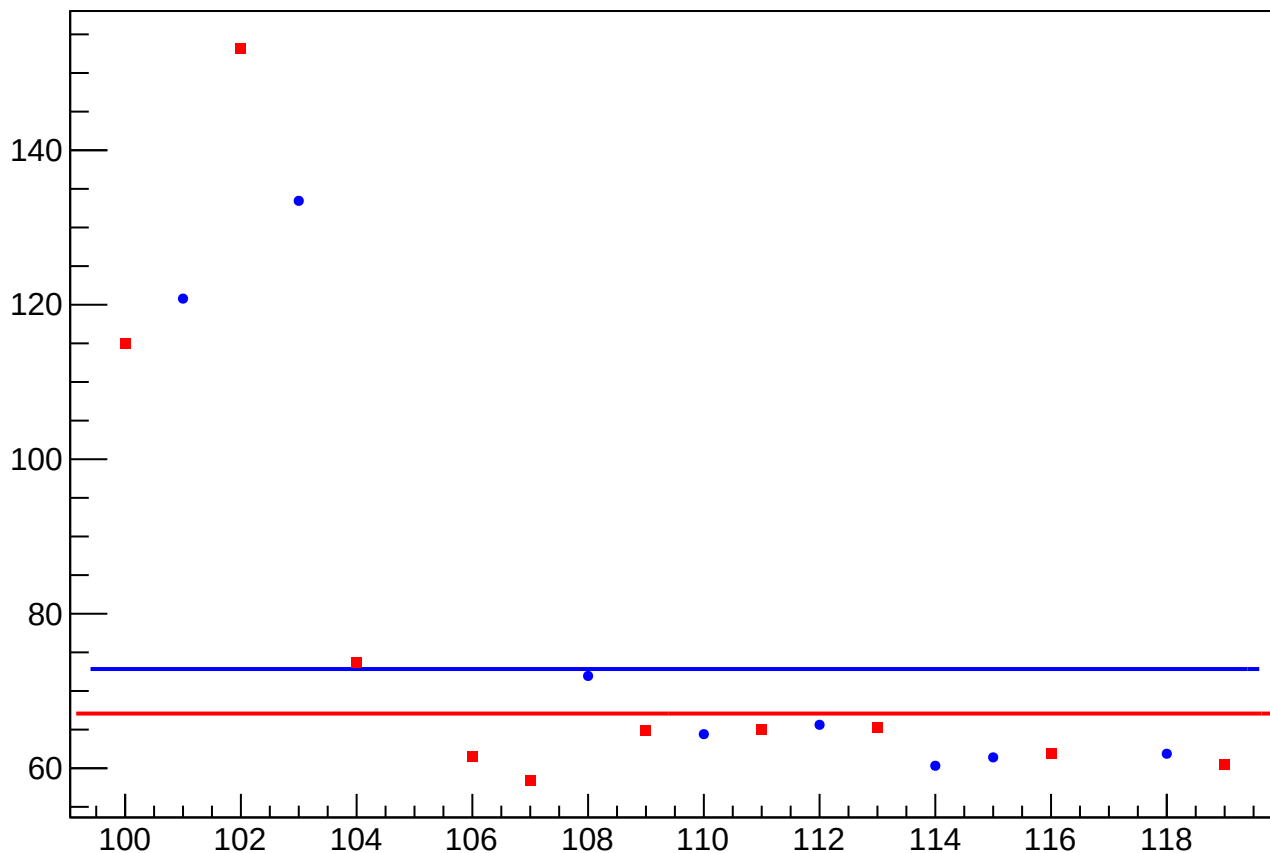
Right: -23.263 $\pm$ 26.753 χ^2 /NDF: 24.1/17

In: -16.628 $\pm$ 41.953 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.263 $\pm$ 26.753 χ^2 /NDF: 24.1/17

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516095.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.078 $\pm$ 0.025 χ^2 /NDF: 464630.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

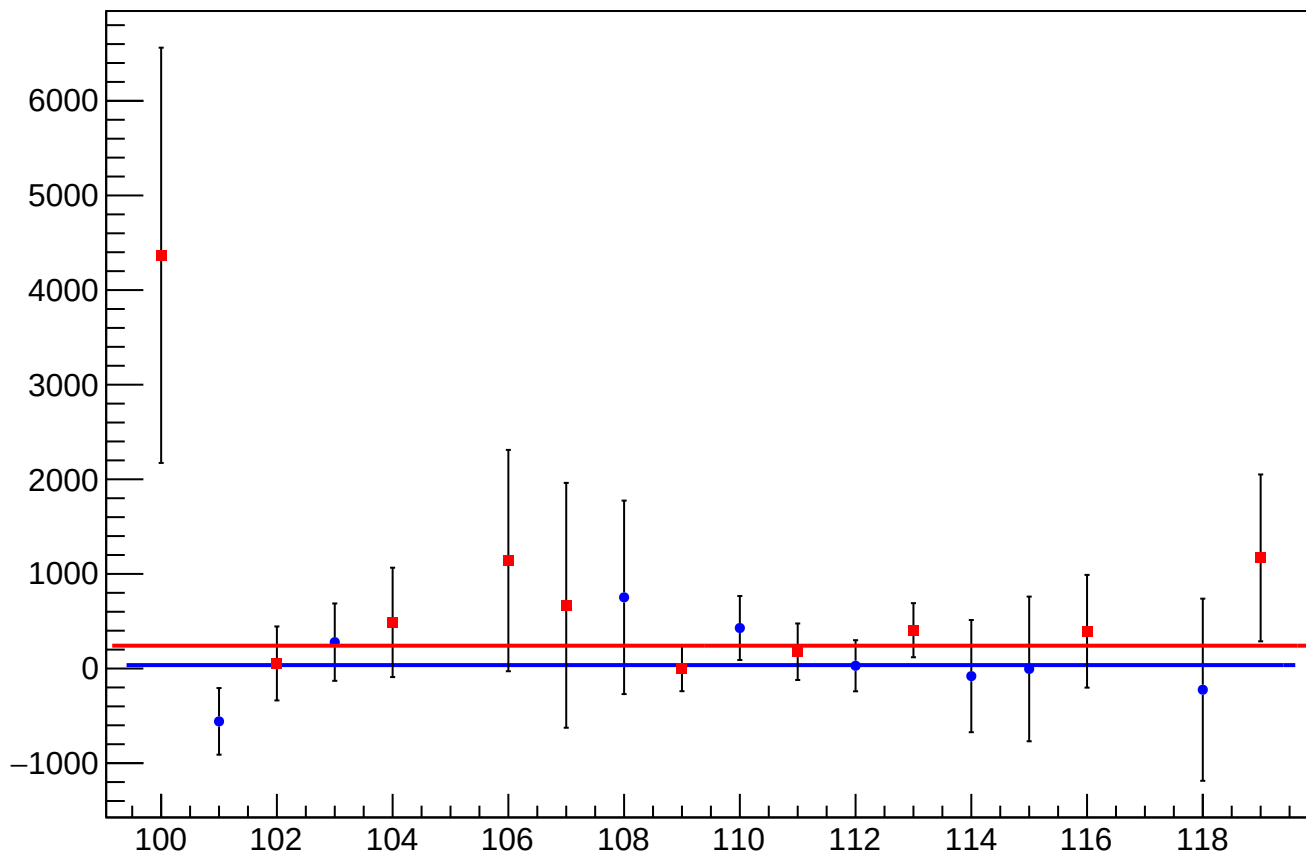
Right: 69.422 $\pm$ 0.019 χ^2 /NDF: 1003125.6/17

In: 72.842 $\pm$ 0.030 χ^2 /NDF: 516095.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.422 $\pm$ 0.019 χ^2 /NDF: 1003125.6/17

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.232 $\pm$ 152.334 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 241.521 $\pm$ 133.650 χ^2 /NDF: 7.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

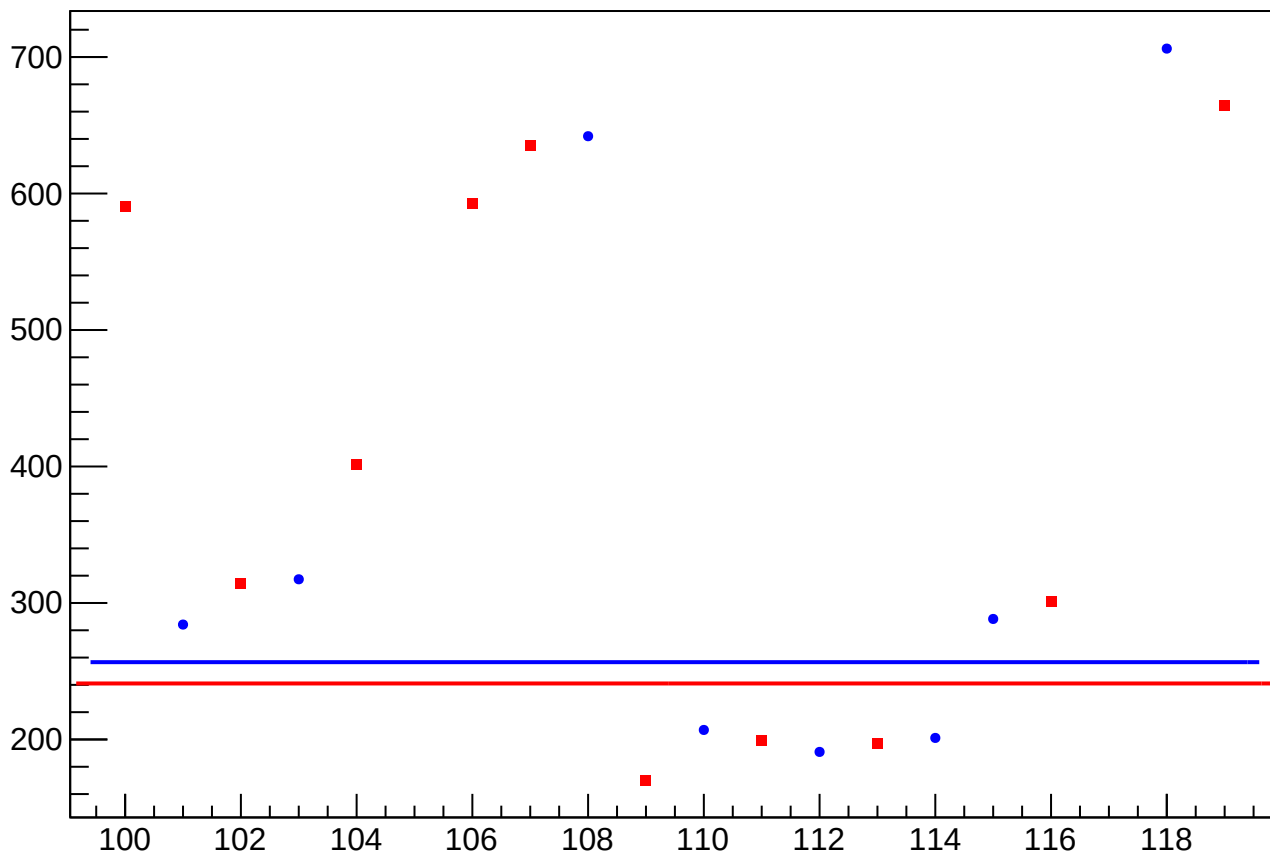
Right: 152.231 $\pm$ 100.465 χ^2 /NDF: 13.4/17

In: 36.232 $\pm$ 152.334 χ^2 /NDF: 5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.231 $\pm$ 100.465 χ^2 /NDF: 13.4/17

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 256.640+/-0.108 χ^2/NDF : 959187.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.031+/-0.095 χ^2/NDF : 1386164.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

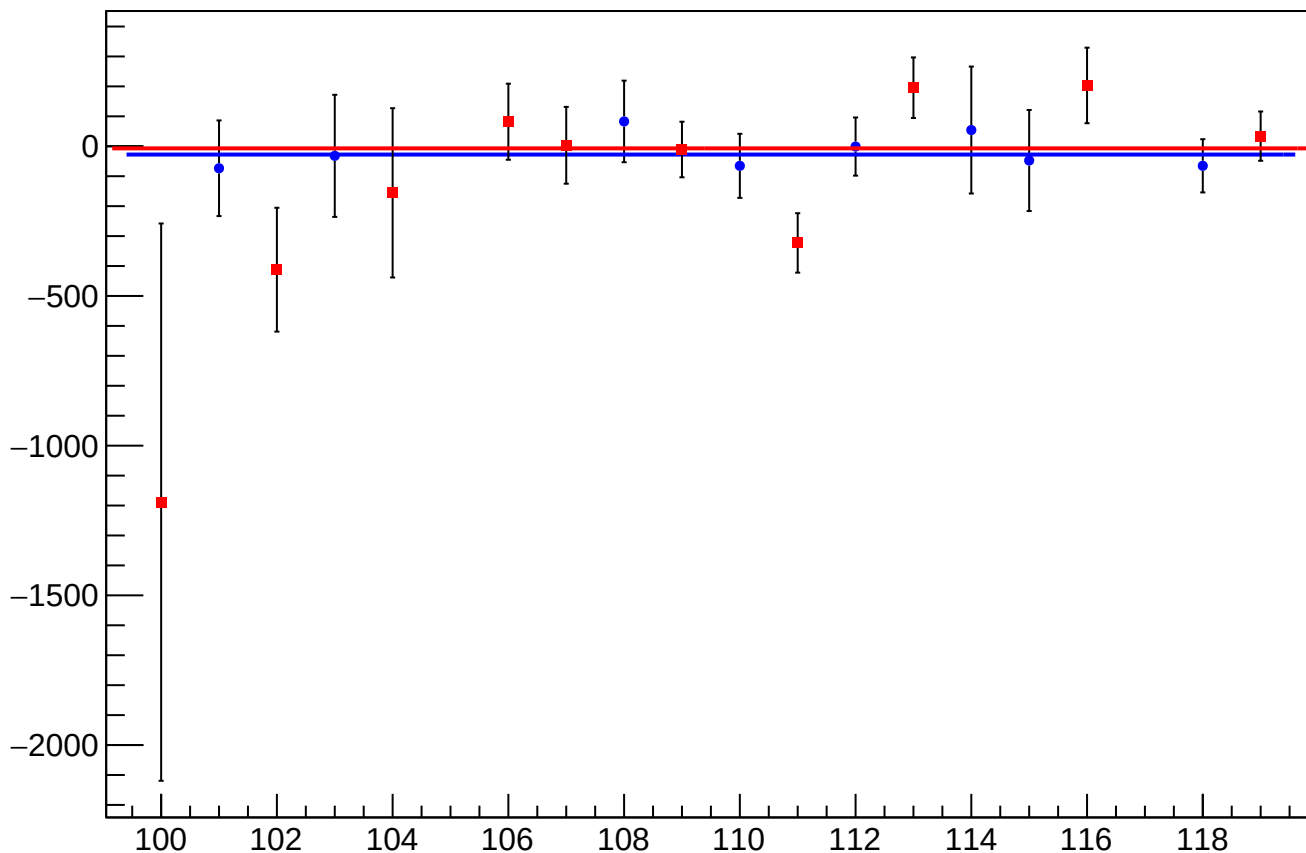
Right: 247.820+/-0.071 χ^2/NDF : 2357216.6/17

In: 256.640+/-0.108 χ^2/NDF : 959187.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.820+/-0.071 χ^2/NDF : 2357216.6/17

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -27.694 ± 44.975 χ^2/NDF : 1.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.001 ± 38.198 χ^2/NDF : 23.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

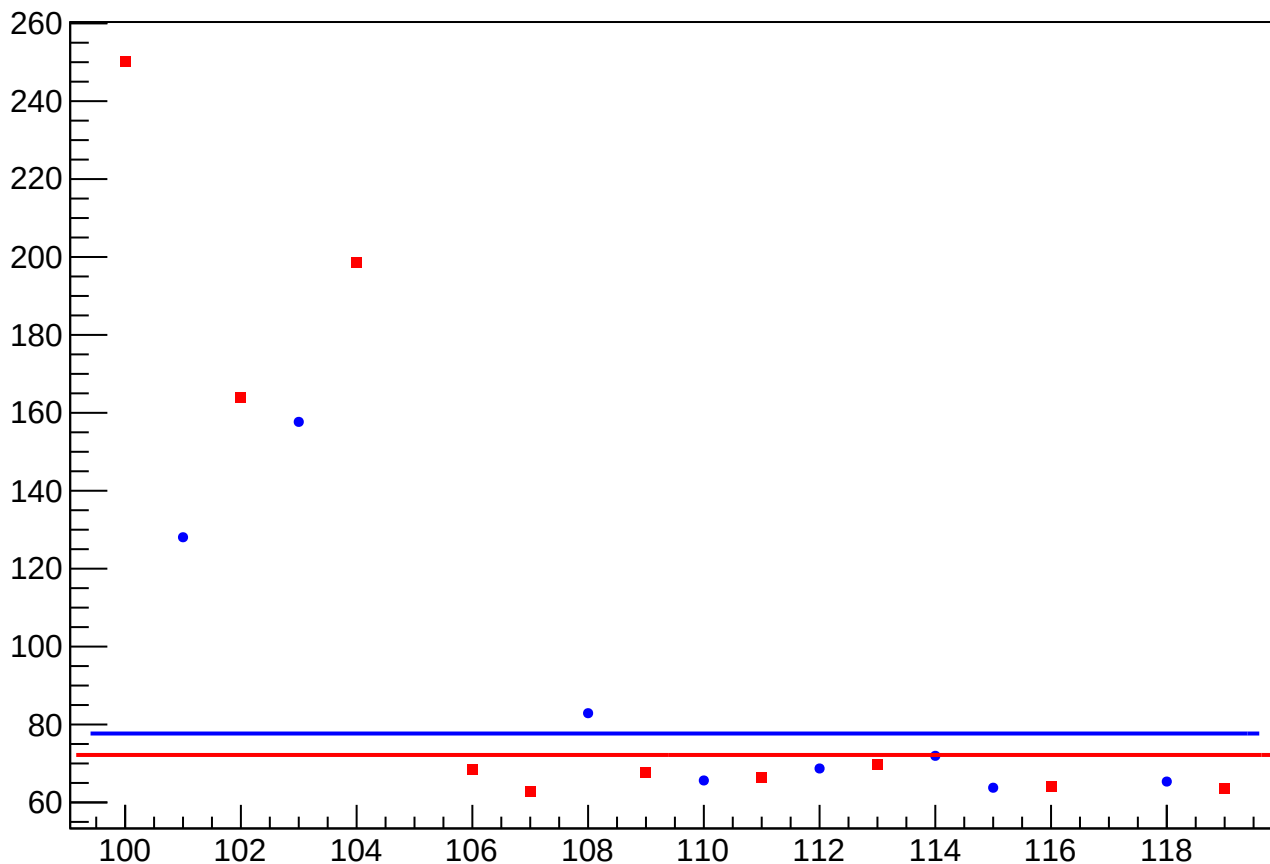
Right: -15.673 ± 29.115 χ^2/NDF : 24.8/17

In: -27.694 ± 44.975 χ^2/NDF : 1.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.673 ± 29.115 χ^2/NDF : 24.8/17

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 77.687+/-0.032 χ^2/NDF : 605610.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.183+/-0.027 χ^2/NDF : 921922.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

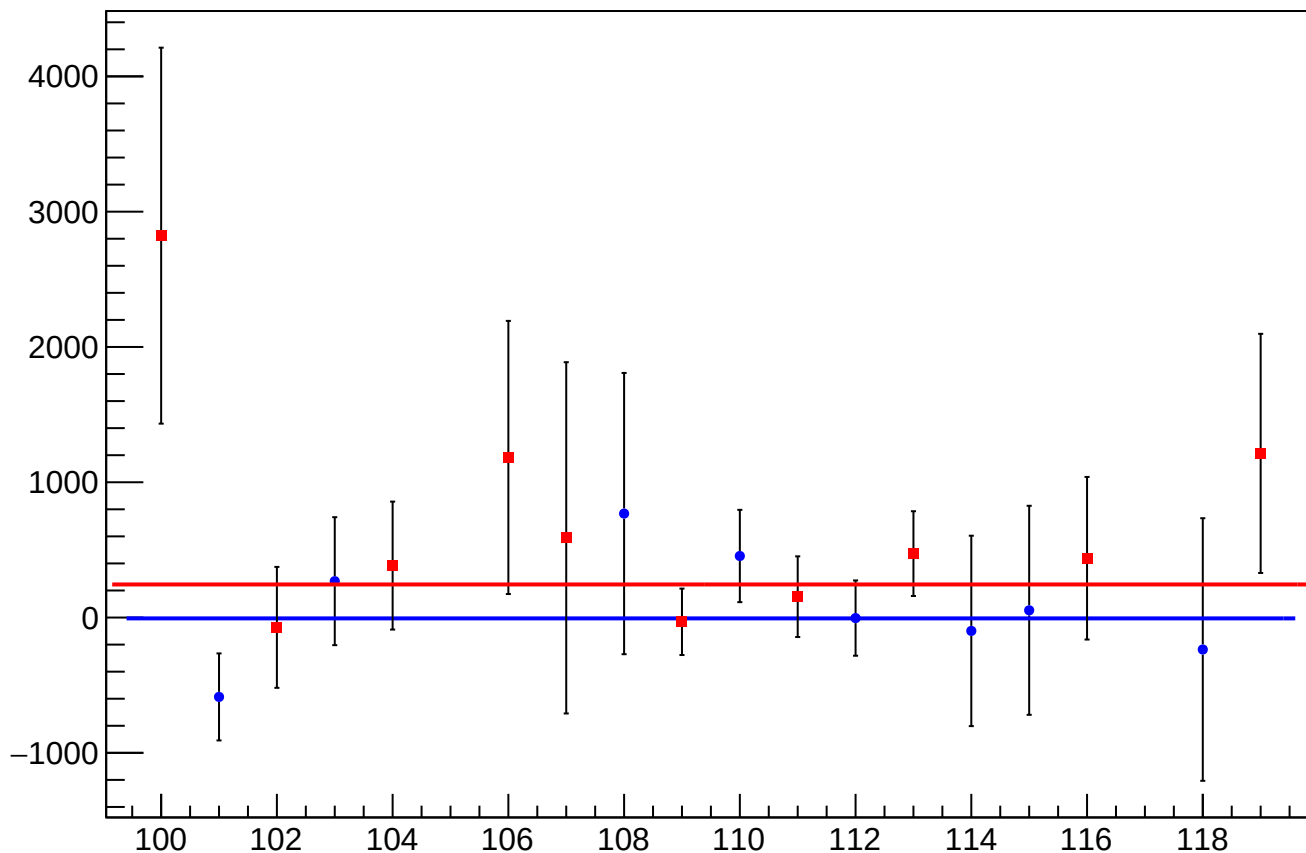
Right: 74.489+/-0.021 χ^2/NDF : 1544928.8/17

In: 77.687+/-0.032 χ^2/NDF : 605610.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.489+/-0.021 χ^2/NDF : 1544928.8/17

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.236+/-155.549 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.538+/-136.510 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

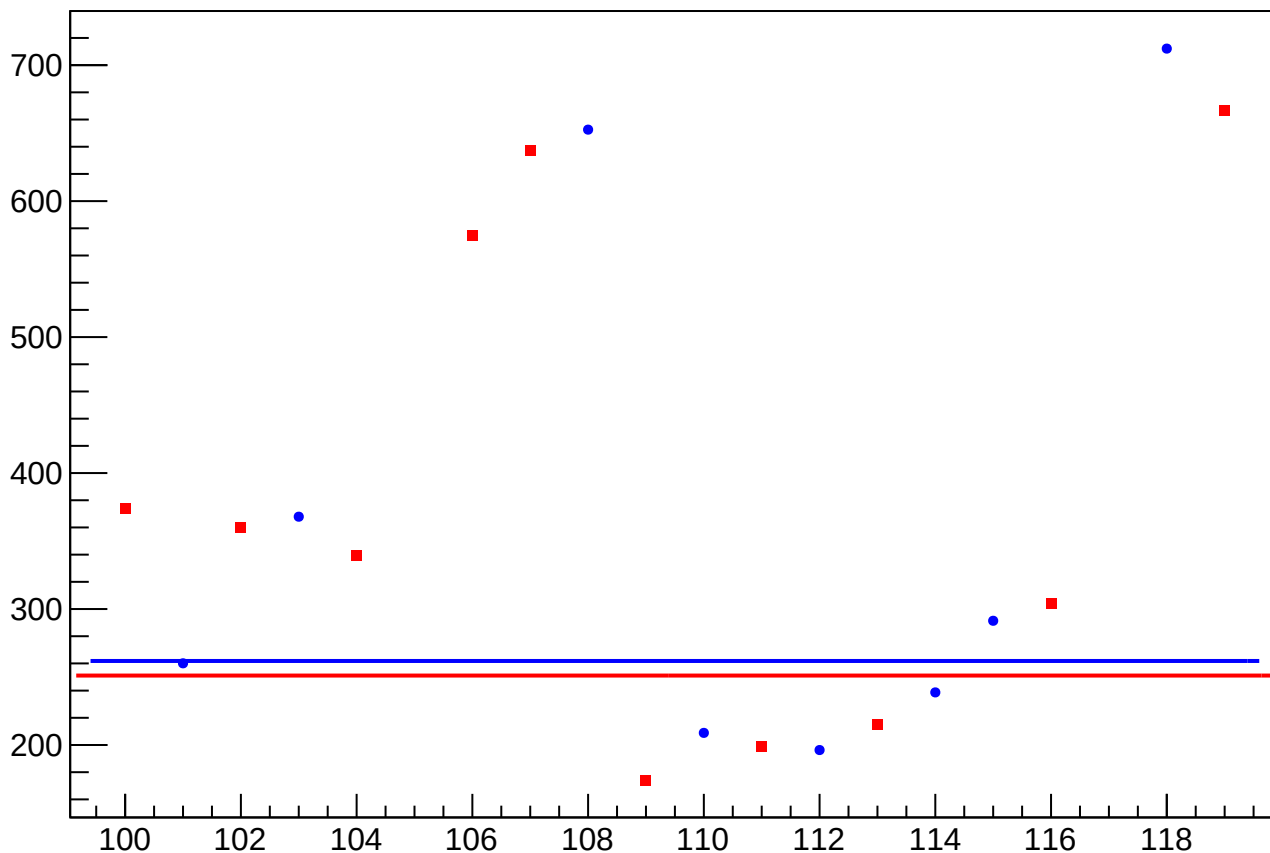
Right: 135.429+/-102.602 χ^2/NDF : 15.7/17

In: -6.236+/-155.549 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.429+/-102.602 χ^2/NDF : 15.7/17

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 261.799+/-0.110 χ^2/NDF : 978142.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.073+/-0.097 χ^2/NDF : 1329125.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

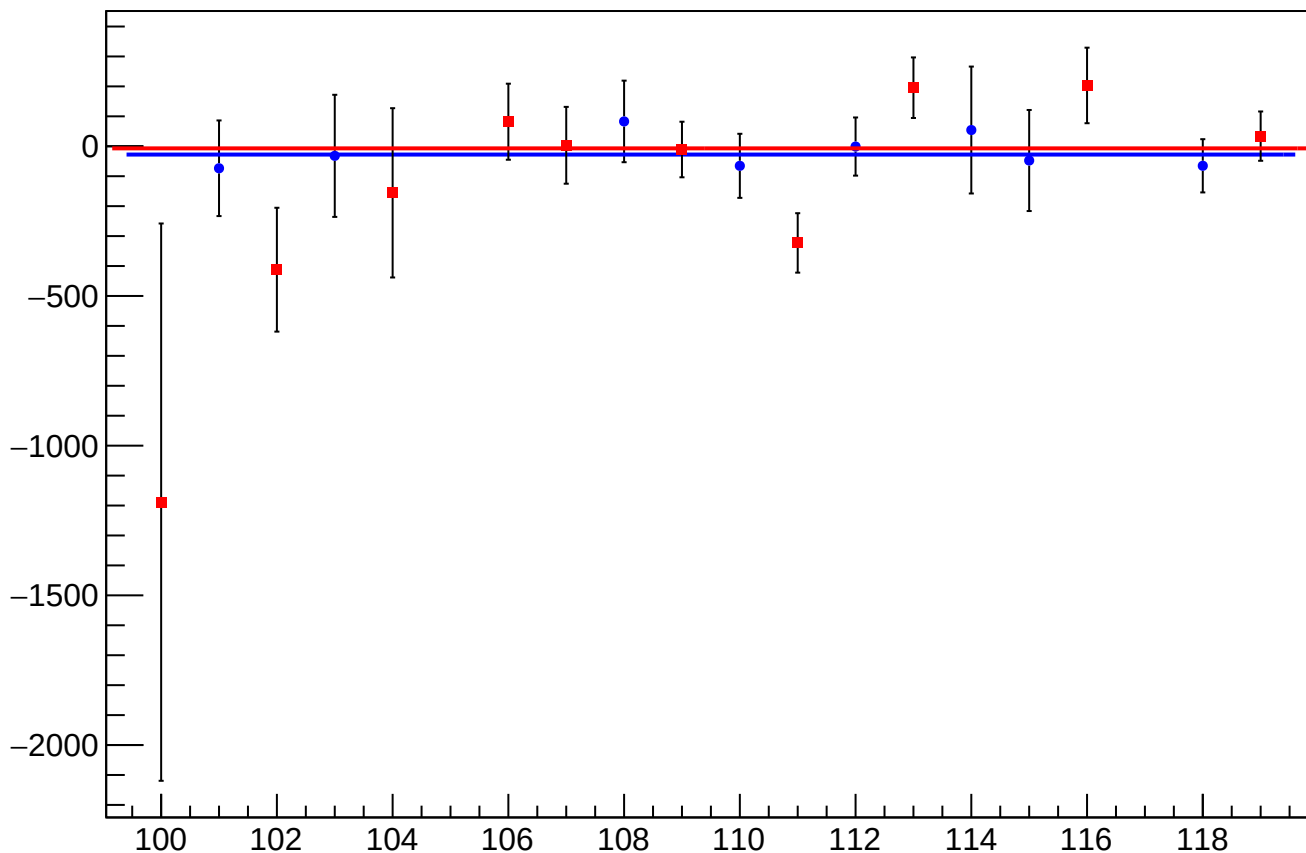
Right: 255.740+/-0.073 χ^2/NDF : 2312638.8/17

In: 261.799+/-0.110 χ^2/NDF : 978142.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.740+/-0.073 χ^2/NDF : 2312638.8/17

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -27.696 $\pm$ 44.975 χ^2 /NDF: 1.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.003 $\pm$ 38.198 χ^2 /NDF: 23.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

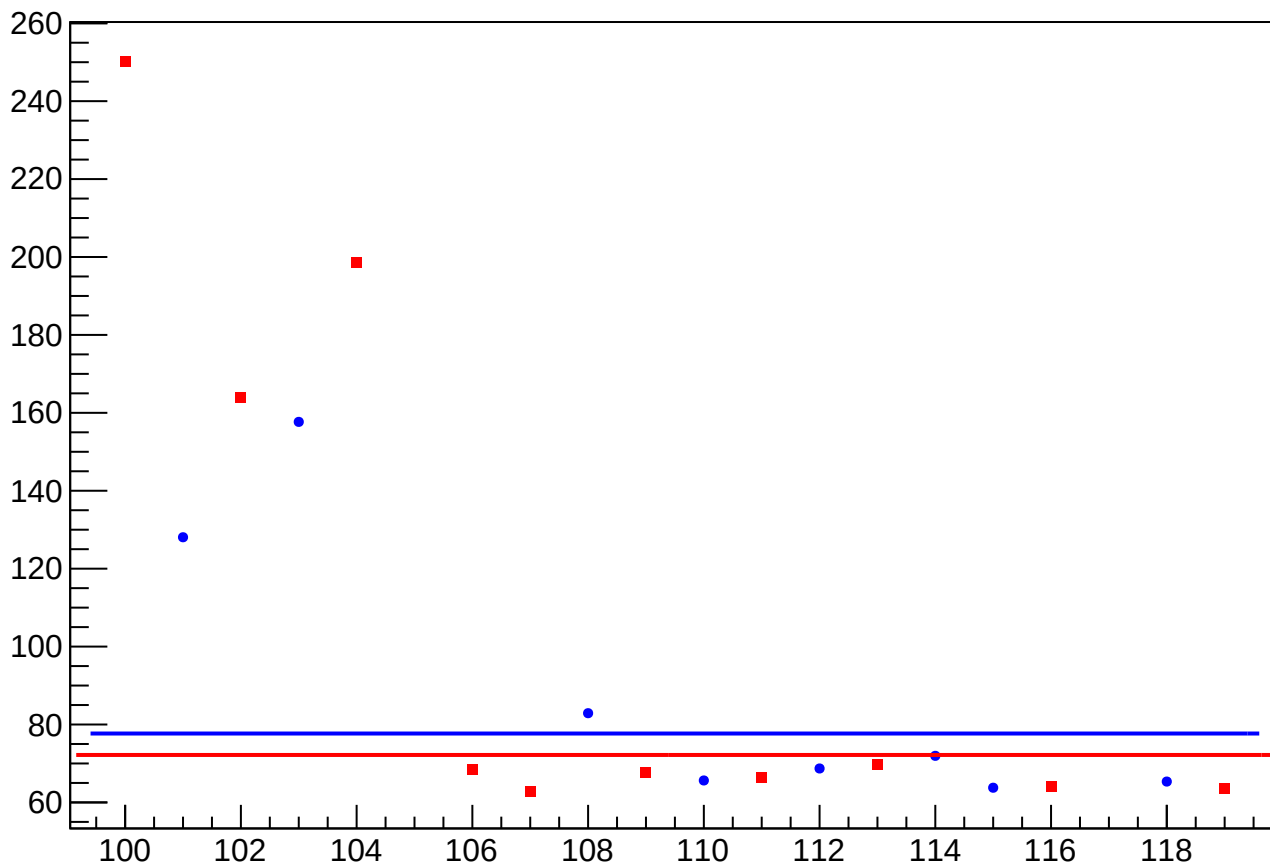
Right: -15.674 $\pm$ 29.115 χ^2 /NDF: 24.8/17

In: -27.696 $\pm$ 44.975 χ^2 /NDF:1.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.674 $\pm$ 29.115 χ^2 /NDF: 24.8/17

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 77.686+/-0.032 χ^2/NDF : 605613.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.183+/-0.027 χ^2/NDF : 921922.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

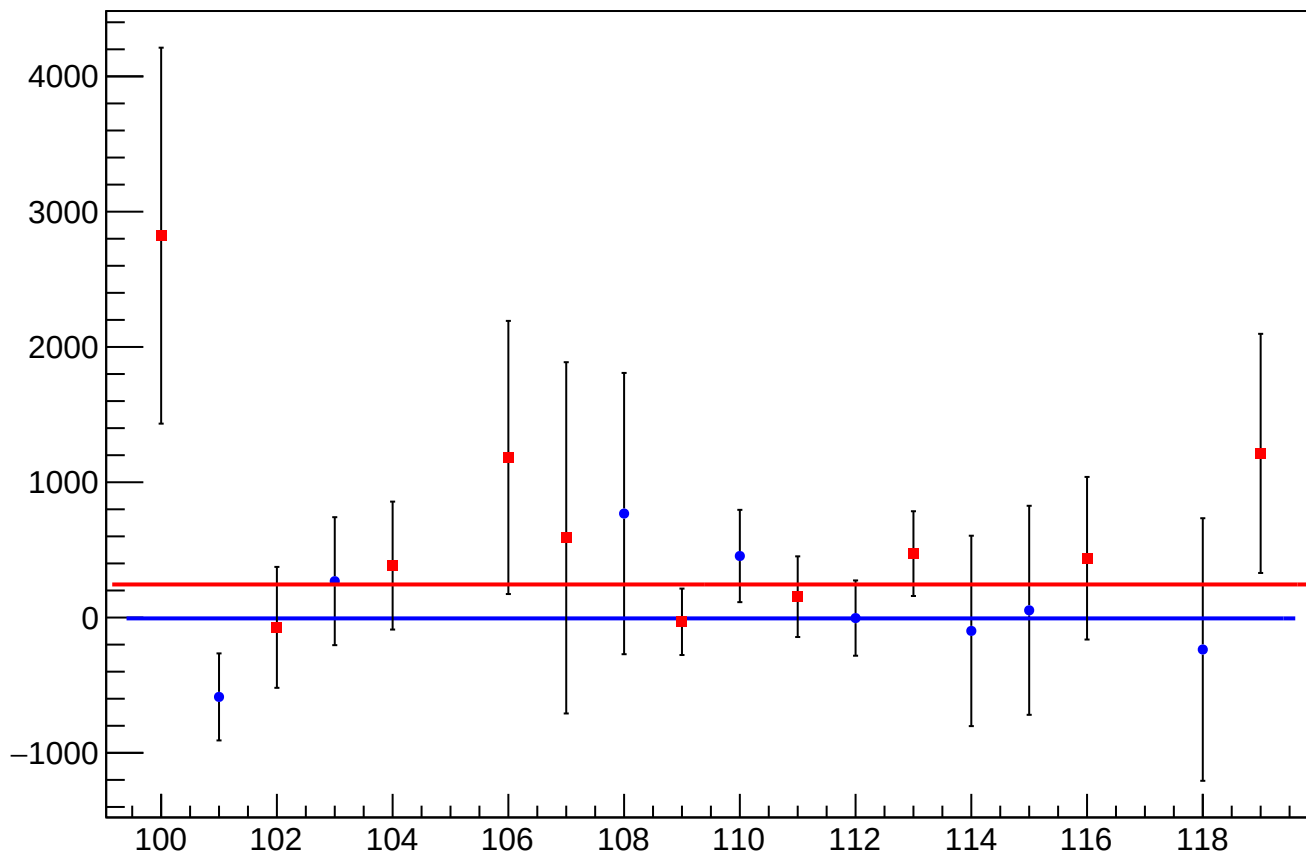
Right: 74.489+/-0.021 χ^2/NDF : 1544931.8/17

In: 77.686+/-0.032 χ^2/NDF : 605613.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.489+/-0.021 χ^2/NDF : 1544931.8/17

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -6.237+/-155.548 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 244.536+/-136.510 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

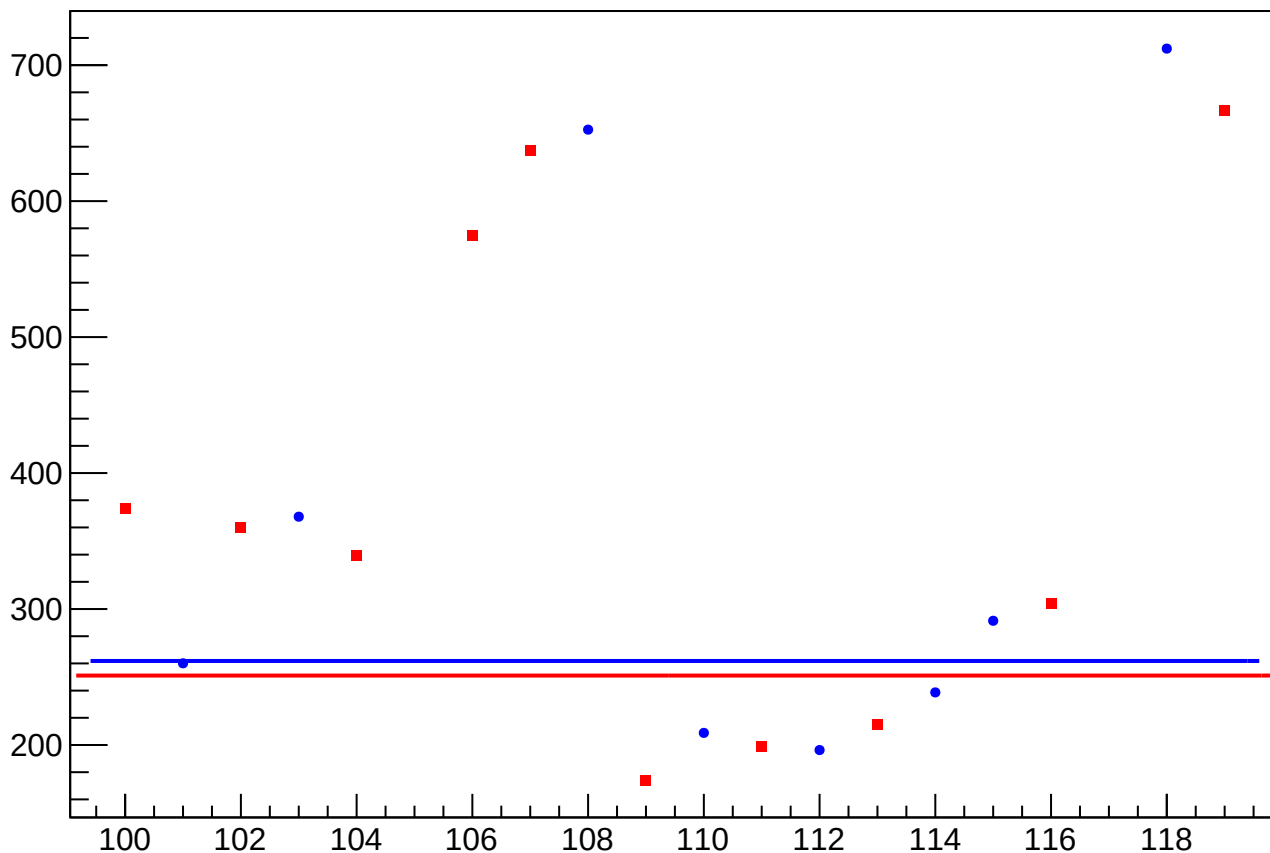
Right: 135.428+/-102.601 χ^2/NDF : 15.7/17

In: -6.237+/-155.548 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.428+/-102.601 χ^2/NDF : 15.7/17

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 261.796+/-0.110 χ^2/NDF : 978156.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.072+/-0.097 χ^2/NDF : 1329129.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

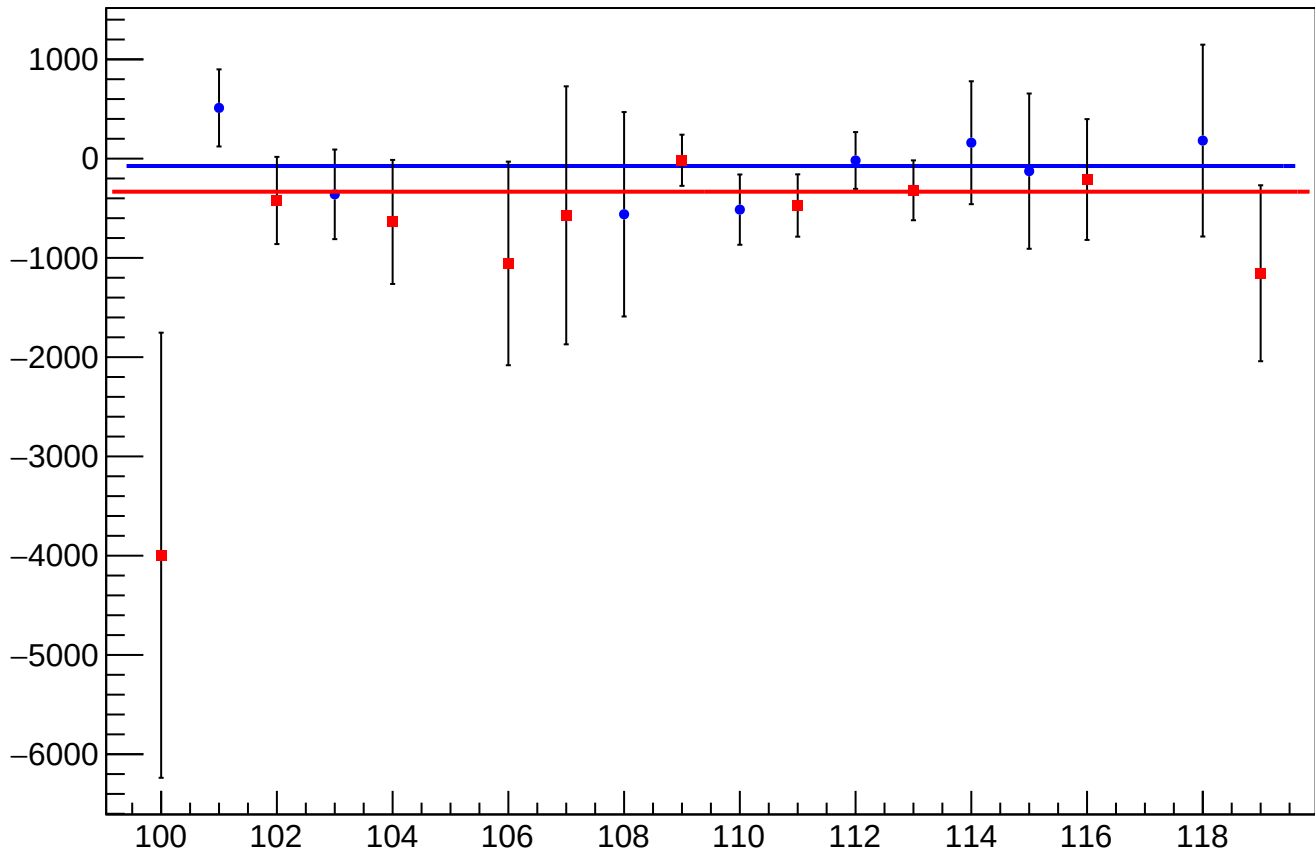
Right: 255.738+/-0.073 χ^2/NDF : 2312657.0/17

In: 261.796+/-0.110 χ^2/NDF : 978156.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.738+/-0.073 χ^2/NDF : 2312657.0/17

asym_sam7_mean vs Slug, Sign Corrected



Right In: -74.398 ± 162.226 χ^2/NDF : 4.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -333.183 ± 141.913 χ^2/NDF : 6.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

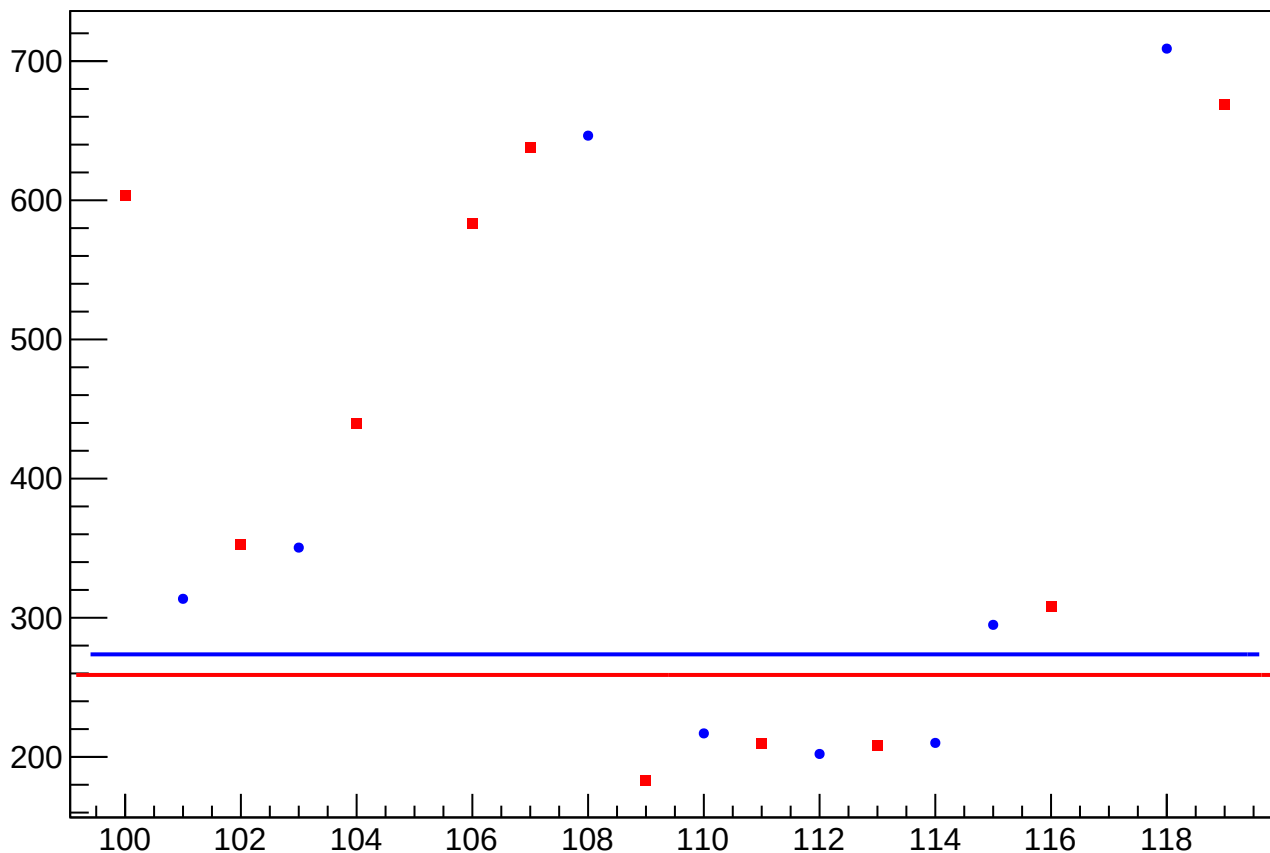
Right: -220.998 ± 106.812 χ^2/NDF : 12.2/17

In: -74.398 ± 162.226 χ^2/NDF : 4.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.998 ± 106.812 χ^2/NDF : 12.2/17

asym_sam7_rms vs Slug, Sign Corrected



Right In: 273.702 $\pm$ 0.115 χ^2 /NDF: 946028.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 258.911 $\pm$ 0.100 χ^2 /NDF: 1395010.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

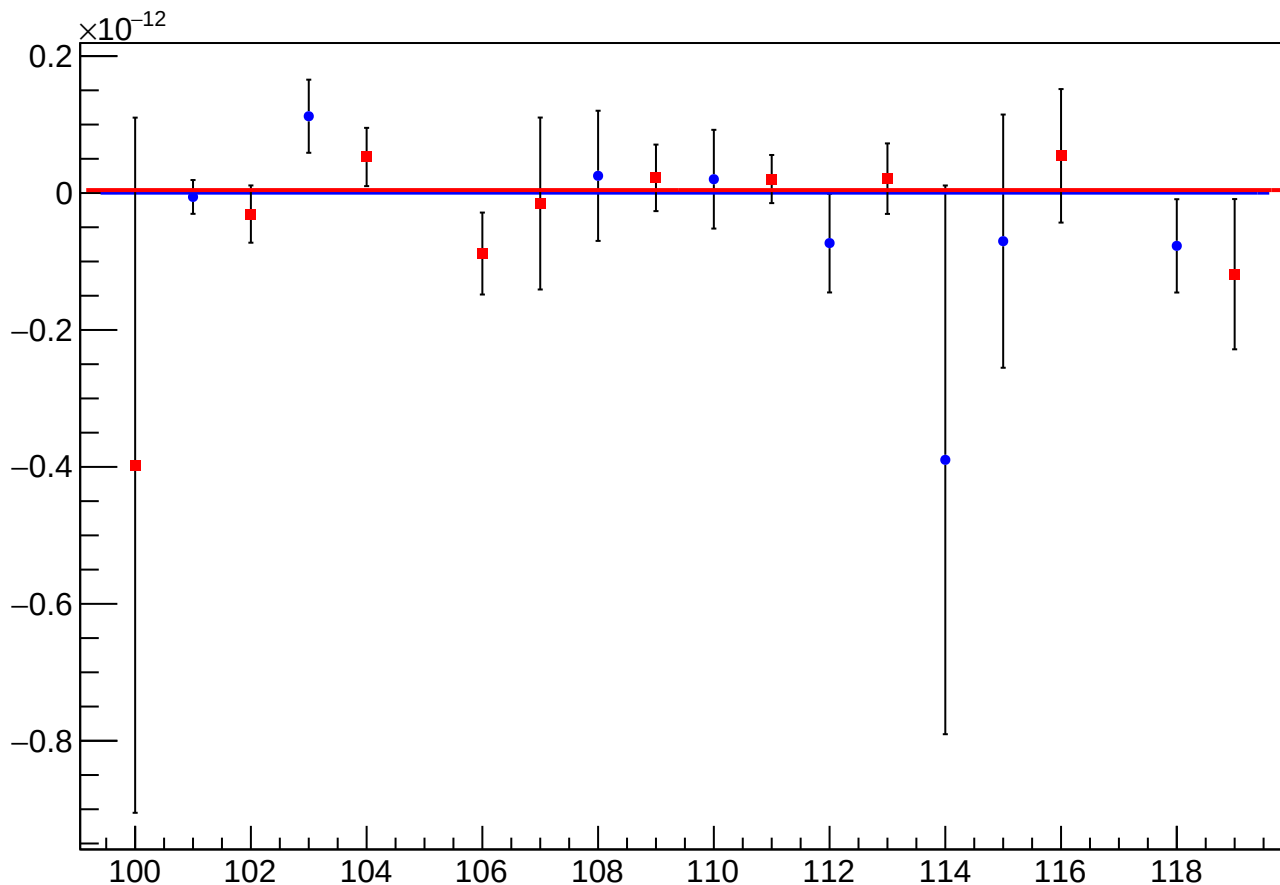
Right: 265.323 $\pm$ 0.076 χ^2 /NDF: 2350456.9/17

In: 273.702 $\pm$ 0.115 χ^2 /NDF:946028.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 265.323 $\pm$ 0.076 χ^2 /NDF: 2350456.9/17

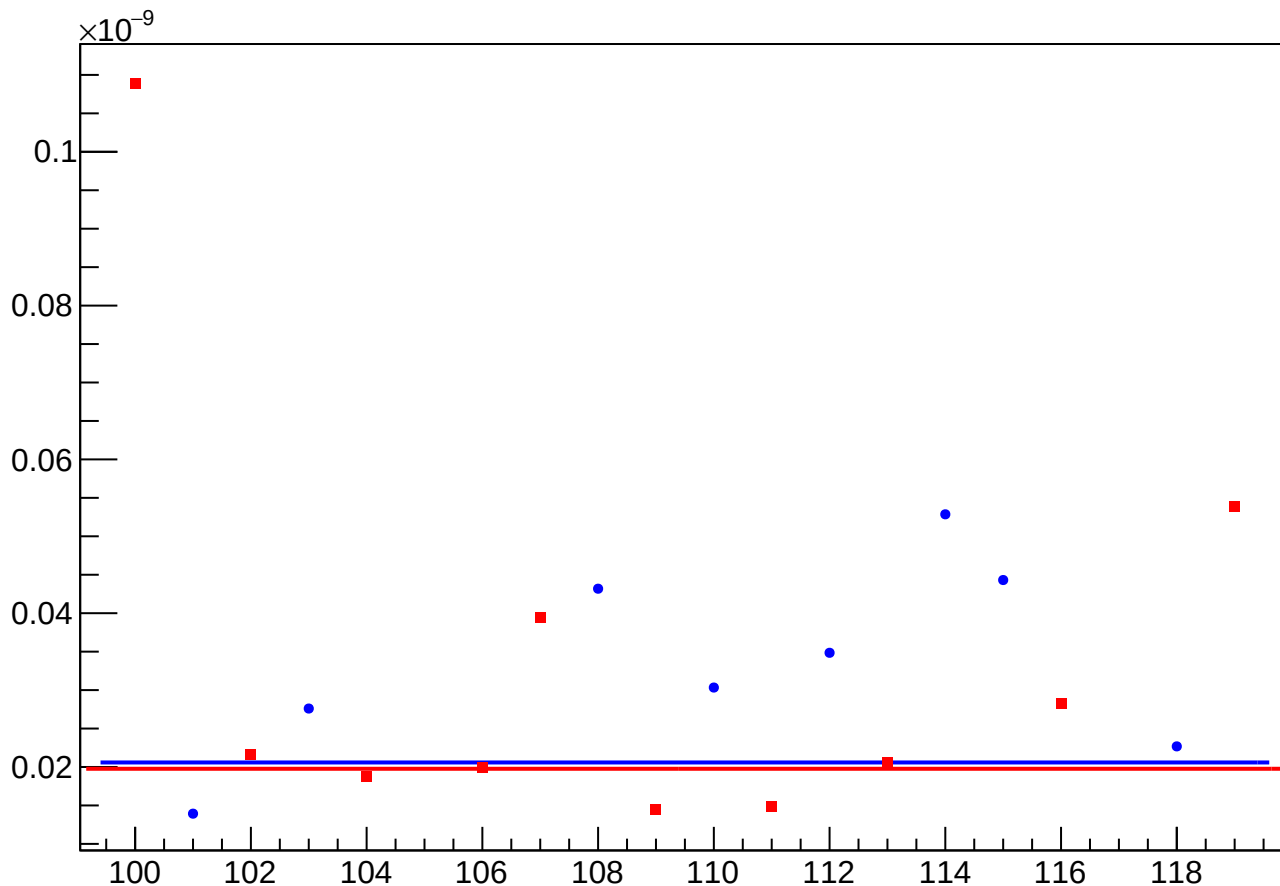
asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 15.0/17
 In: 0.000+/-0.000 χ^2/NDF : 8.0/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 15.0/17

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 455408.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 386675.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

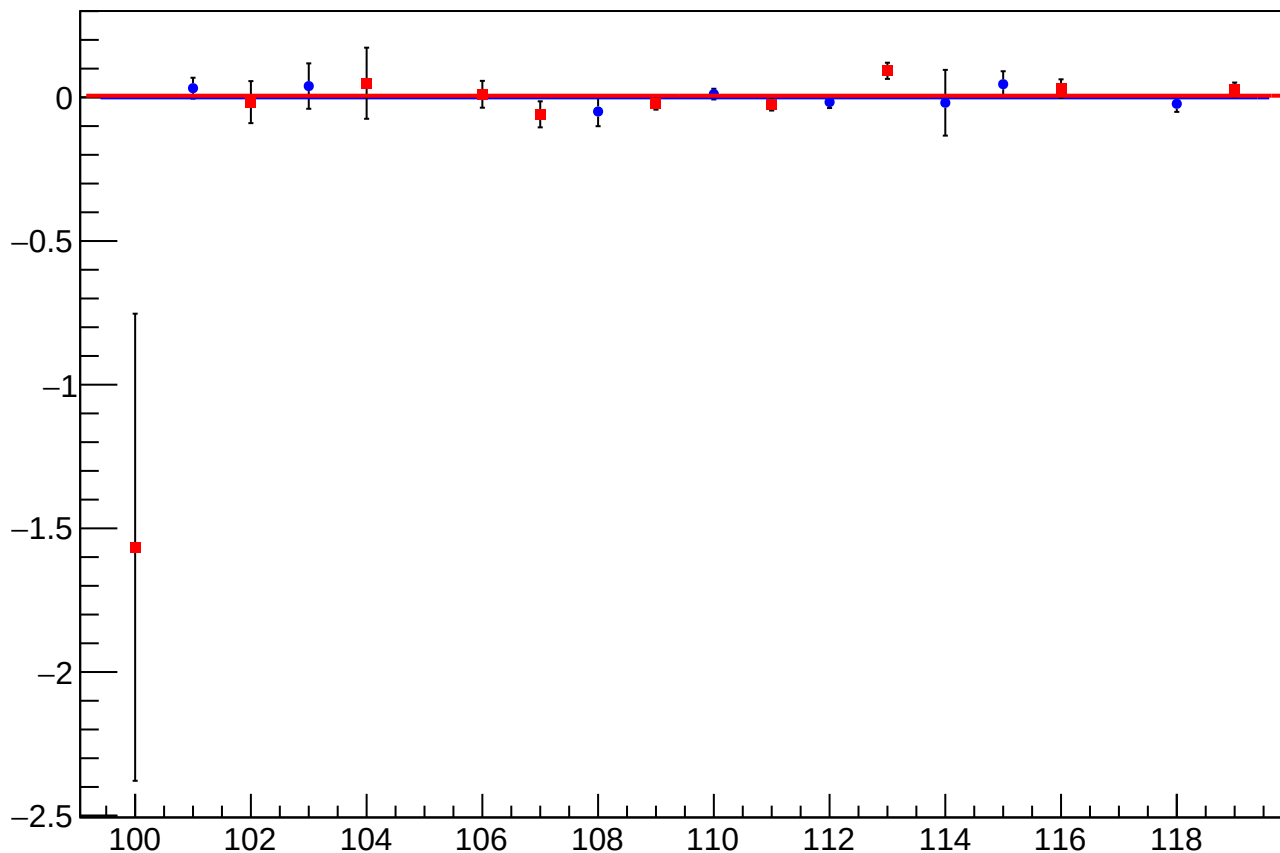
Right: 0.000+/-0.000 χ^2/NDF : 844091.0/17

In: 0.000+/-0.000 χ^2/NDF : 455408.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 844091.0/17

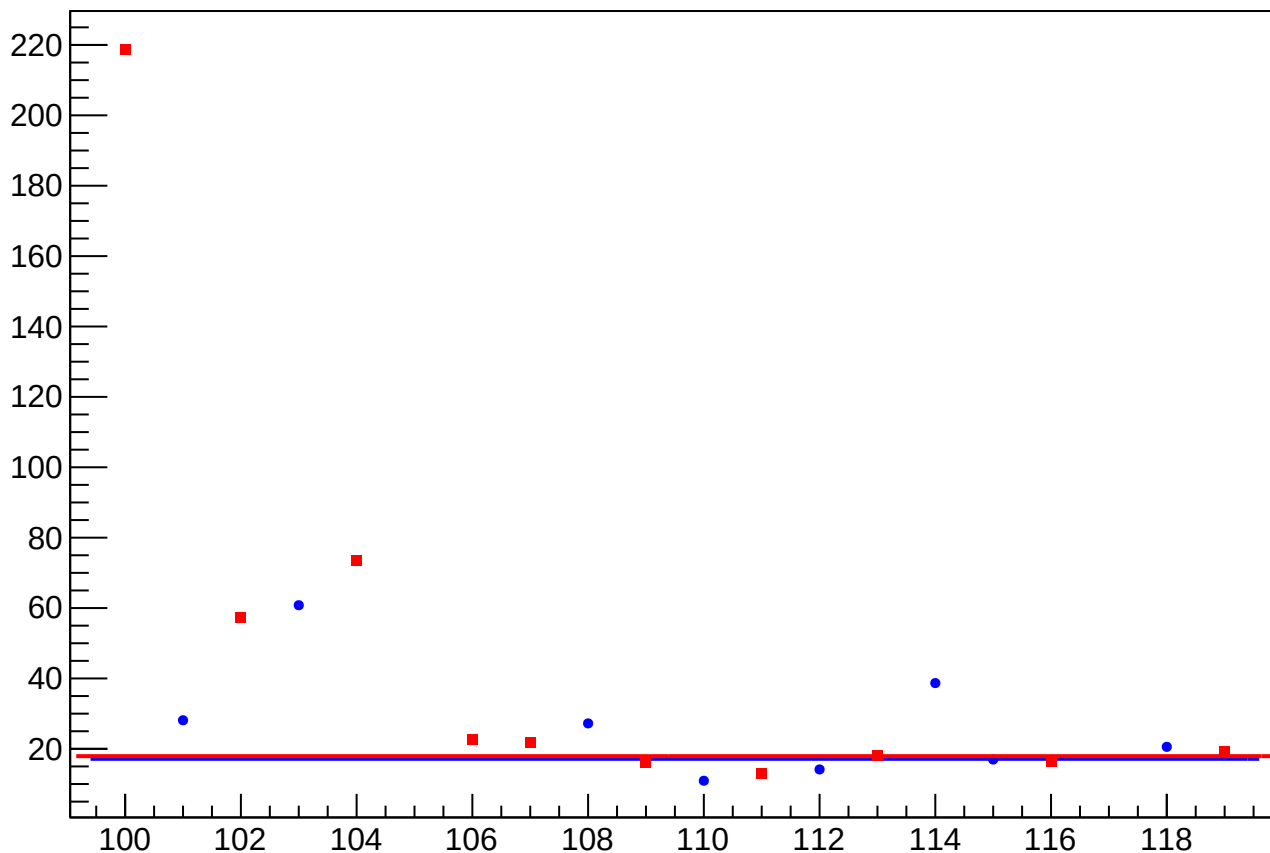
asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.011 χ^2/NDF : 4.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9
 Left 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+/-0.007 χ^2/NDF : 25.5/17
 In: -0.000+/-0.011 χ^2/NDF : 4.6/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.007 χ^2/NDF : 25.5/17

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.167+/-0.008 χ^2/NDF : 1236938.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.921+/-0.007 χ^2/NDF : 1293048.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

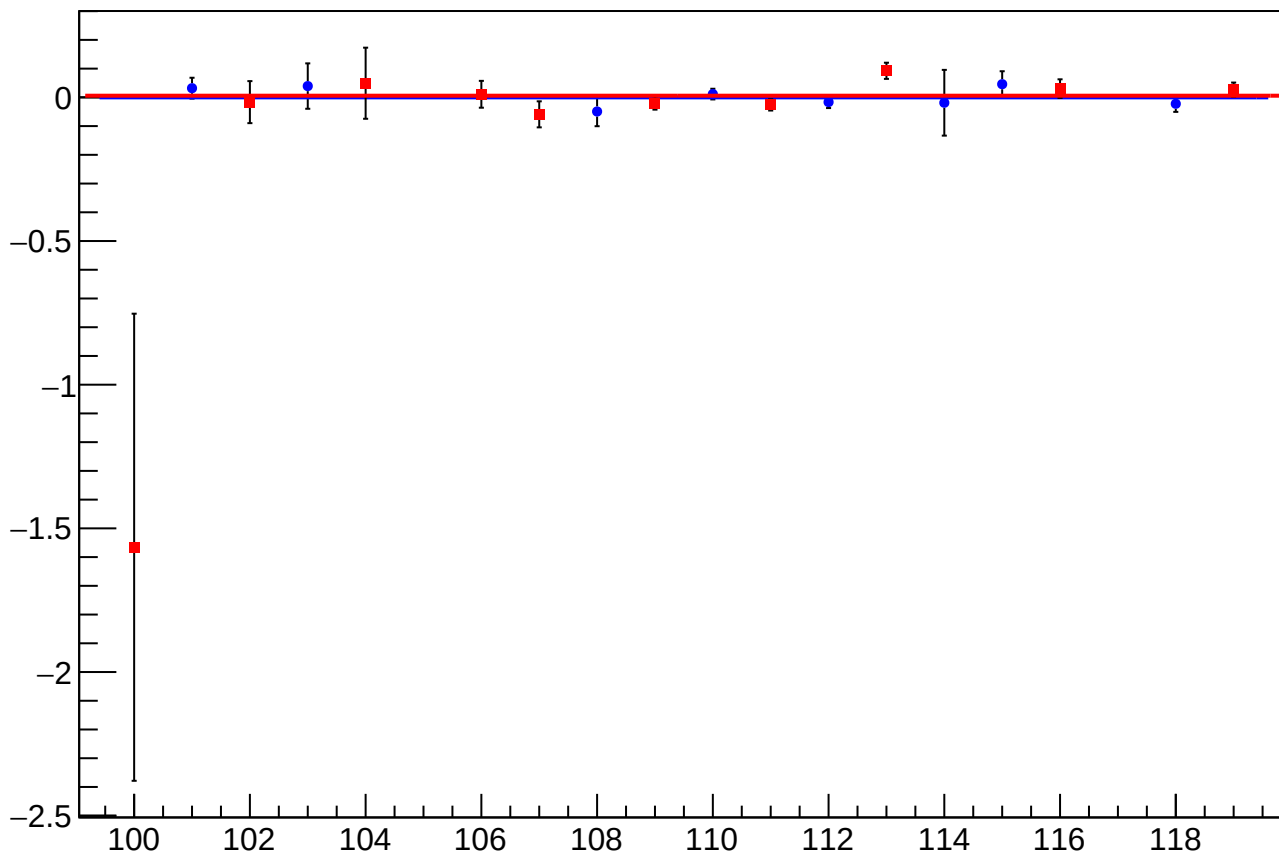
Right: 17.569+/-0.005 χ^2/NDF : 2535043.7/17

In: 17.167+/-0.008 χ^2/NDF : 1236938.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.569+/-0.005 χ^2/NDF : 2535043.7/17

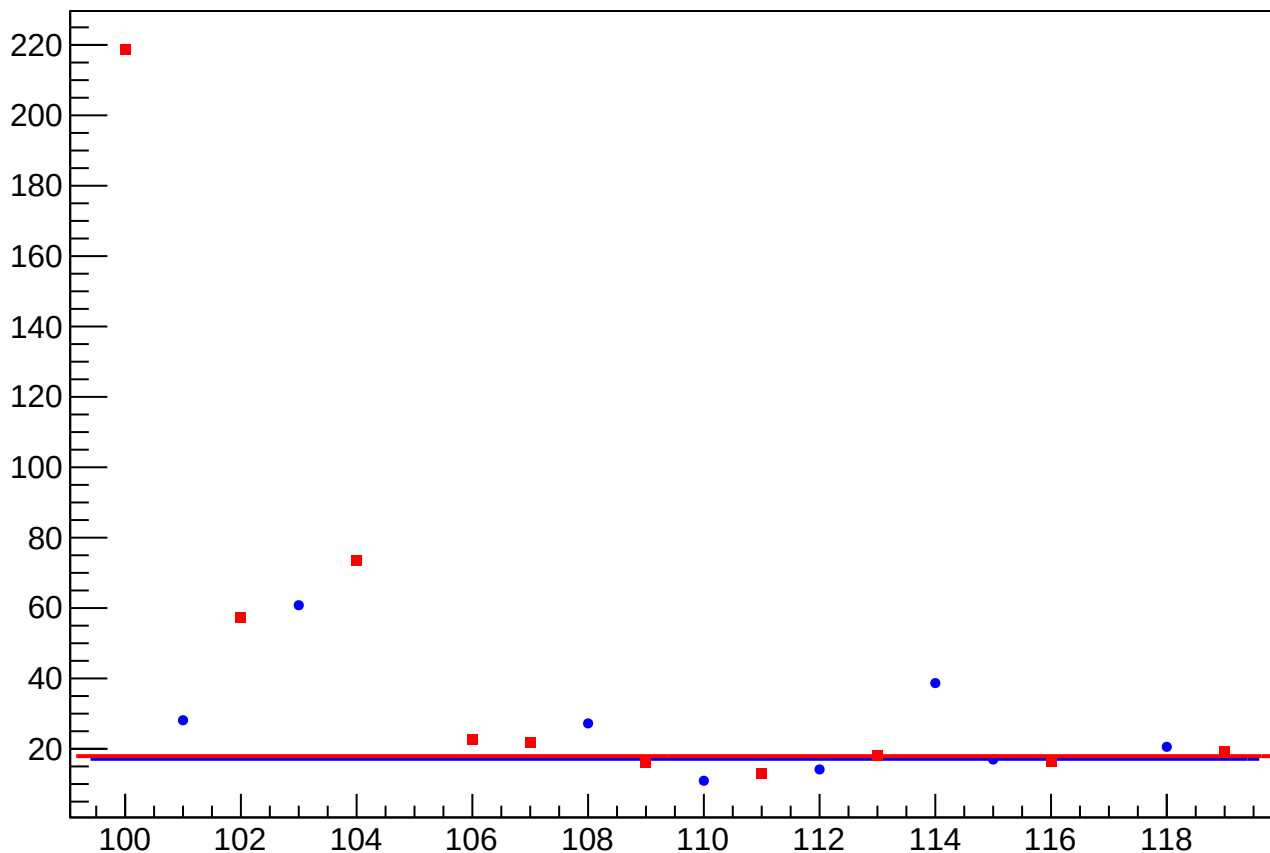
asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.011 $\chi^2/\text{NDF}: 4.6/7$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 0.006 ± 0.010 $\chi^2/\text{NDF}: 20.7/9$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right: 0.003 ± 0.007 $\chi^2/\text{NDF}: 25.5/17$
 In: -0.000 ± 0.011 $\chi^2/\text{NDF}: 4.6/7$
 Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.003 ± 0.007 $\chi^2/\text{NDF}: 25.5/17$

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.167+/-0.008 χ^2/NDF : 1236938.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.921+/-0.007 χ^2/NDF : 1293048.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

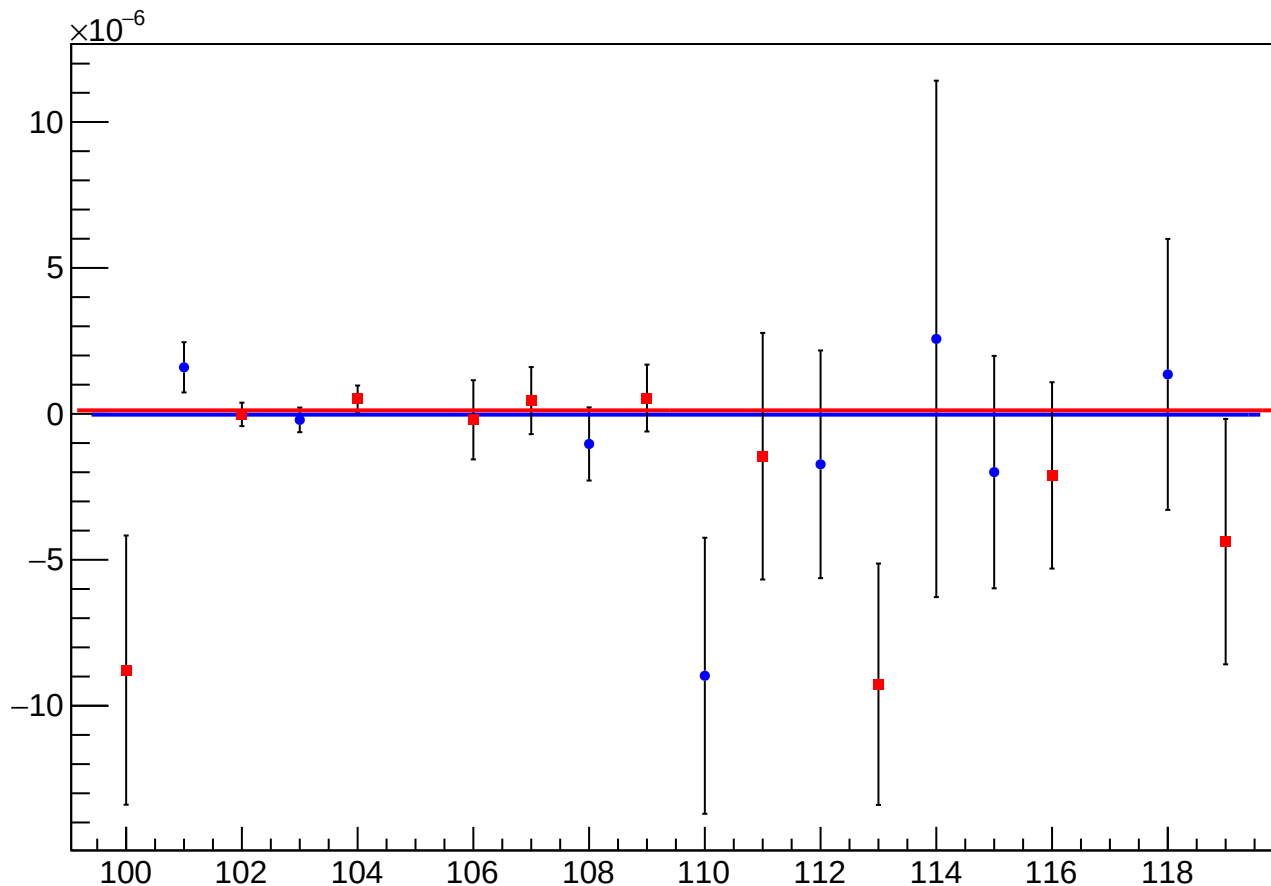
Right: 17.569+/-0.005 χ^2/NDF : 2535043.7/17

In: 17.167+/-0.008 χ^2/NDF : 1236938.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.569+/-0.005 χ^2/NDF : 2535043.7/17

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

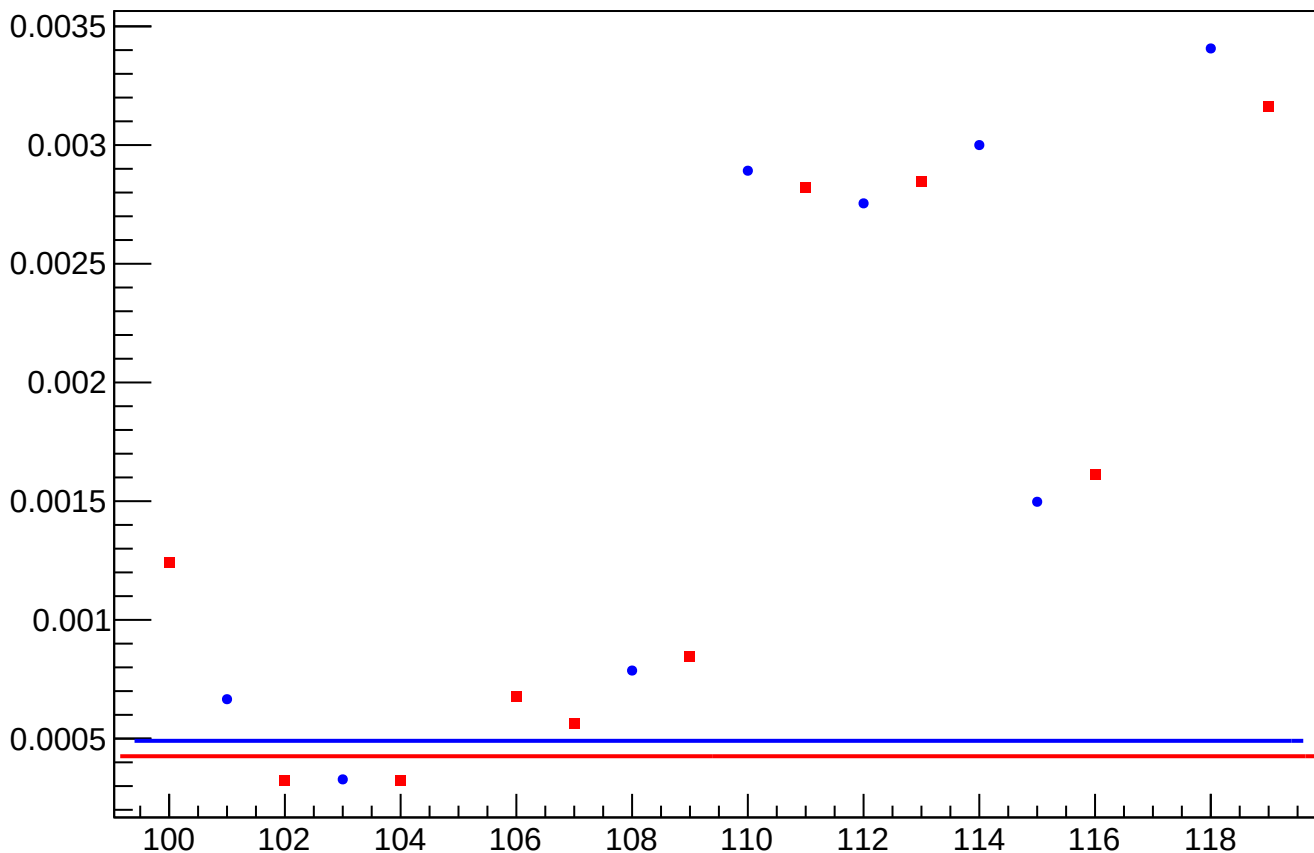
Right: 0.000+/-0.000 χ^2/NDF : 20.5/17

In: -0.000+/-0.000 χ^2/NDF :8.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.5/17

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2758242.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3113840.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

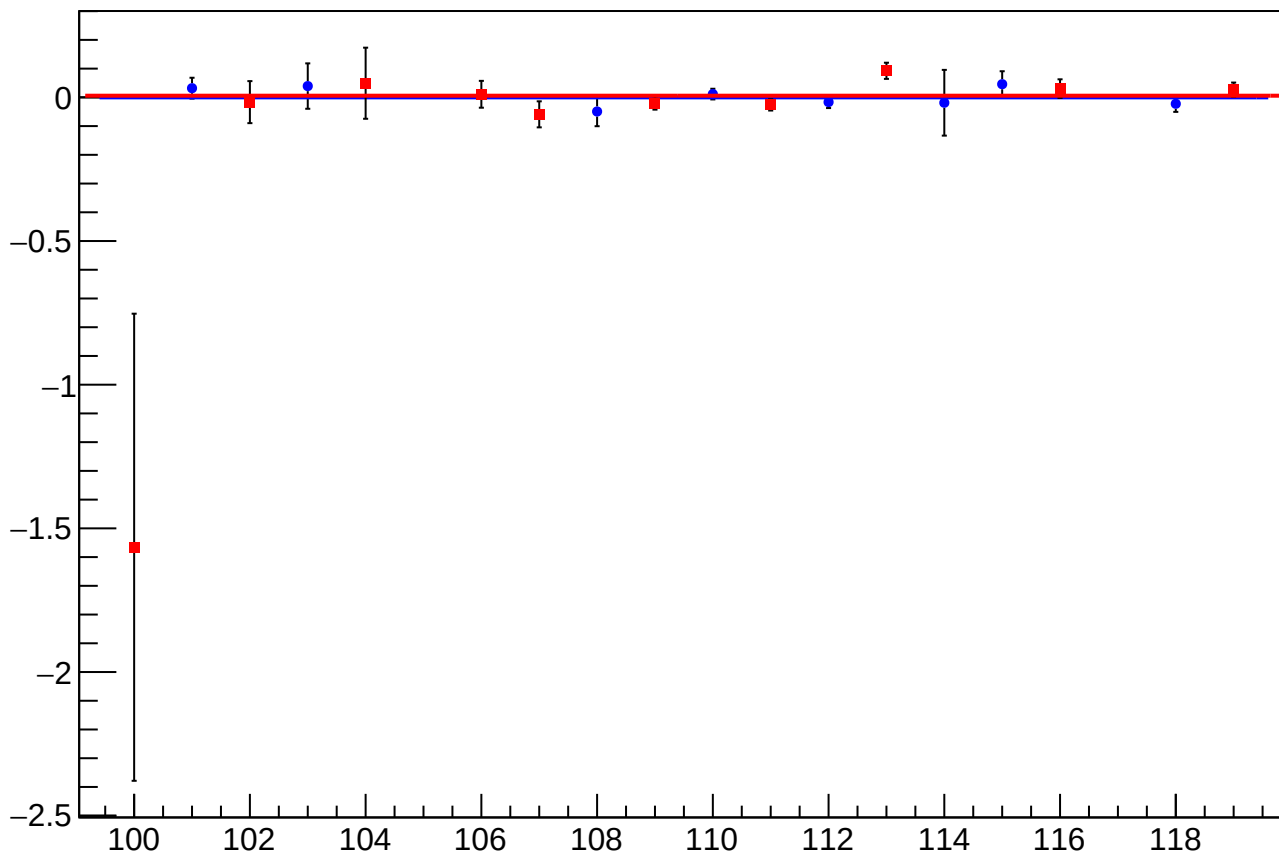
Right: 0.000+/-0.000 χ^2/NDF : 5913908.4/17

In: 0.000+/-0.000 χ^2/NDF :2758242.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5913908.4/17

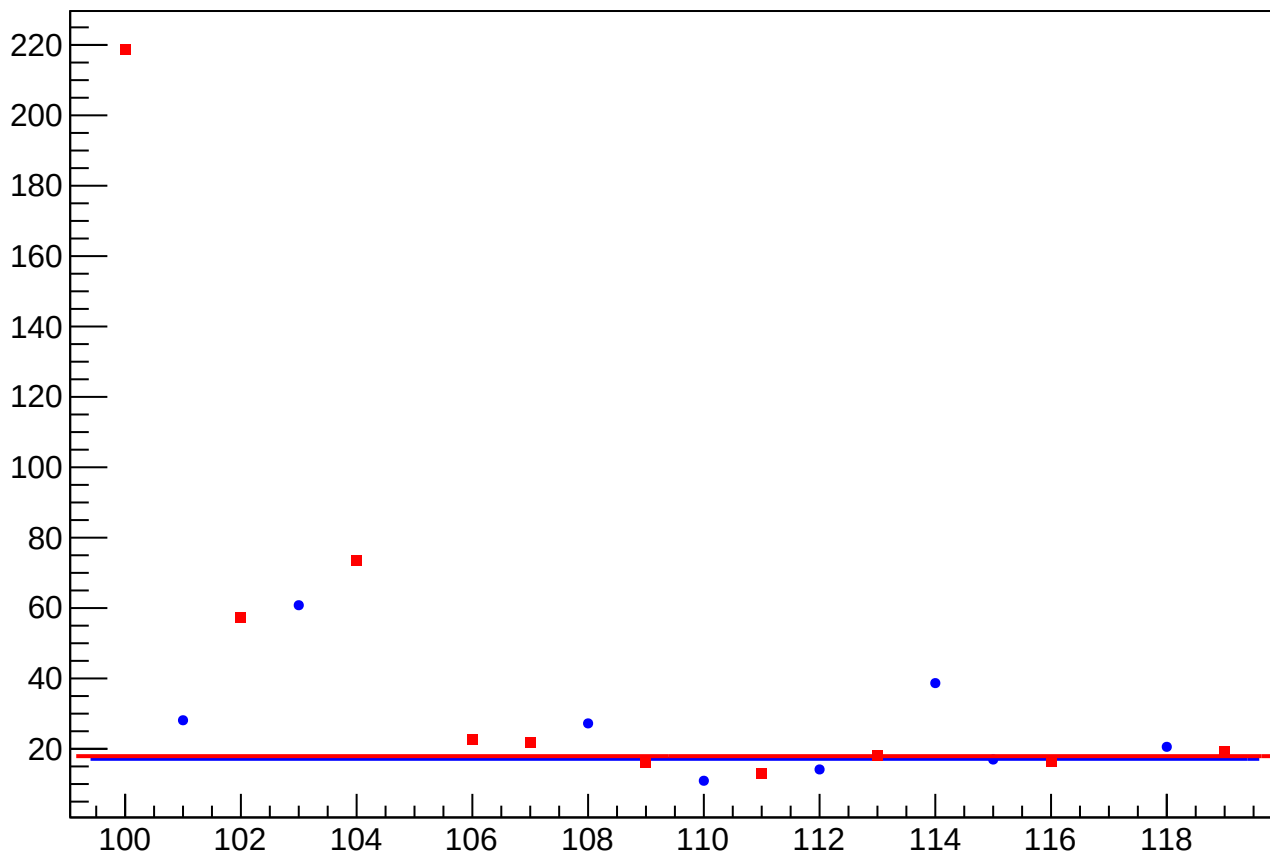
asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.011 χ^2/NDF : 4.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9
 Left 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+/-0.007 χ^2/NDF : 25.5/17
 In: -0.000+/-0.011 χ^2/NDF : 4.6/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.003+/-0.007 χ^2/NDF : 25.5/17

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.168+/-0.008 χ^2/NDF : 1236852.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.922+/-0.007 χ^2/NDF : 1293004.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

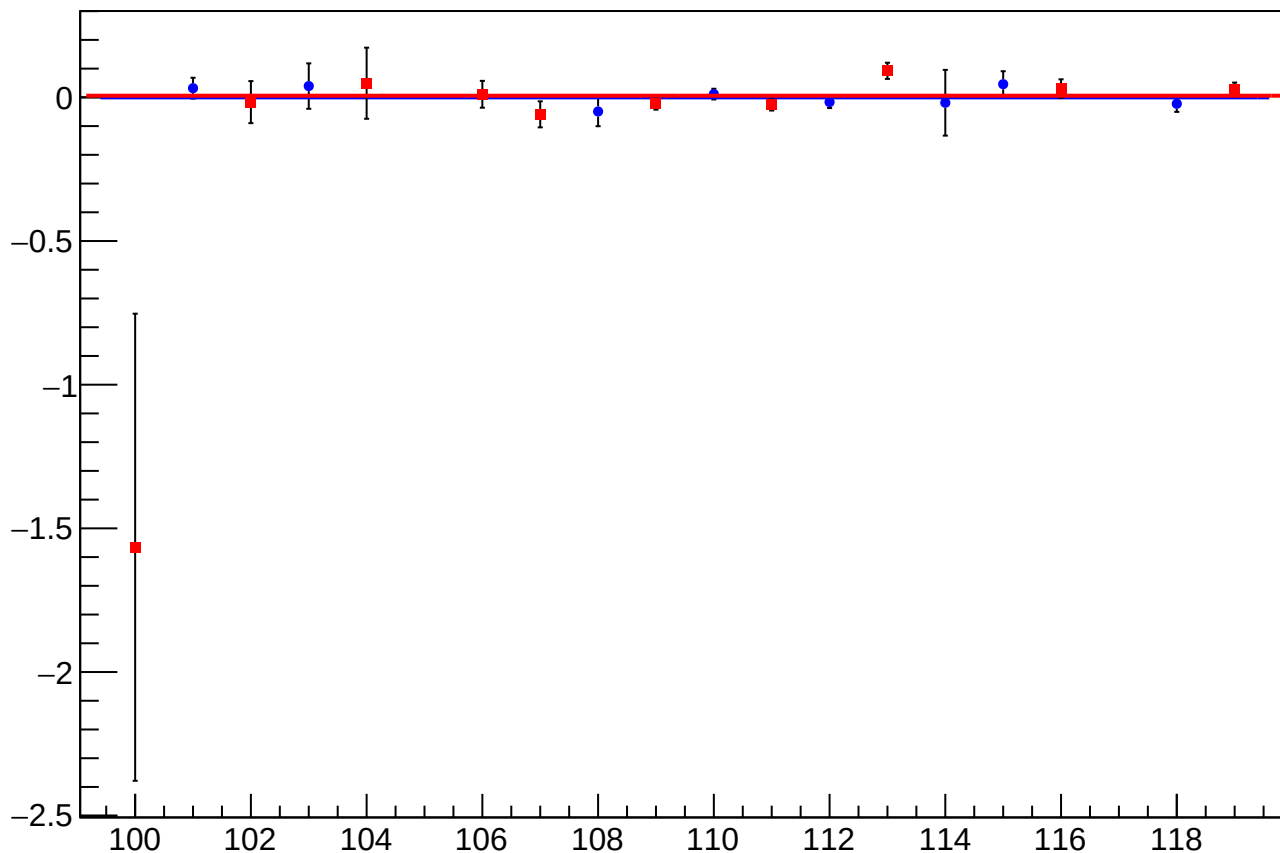
Right: 17.570+/-0.005 χ^2/NDF : 2534907.7/17

In: 17.168+/-0.008 χ^2/NDF : 1236852.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.570+/-0.005 χ^2/NDF : 2534907.7/17

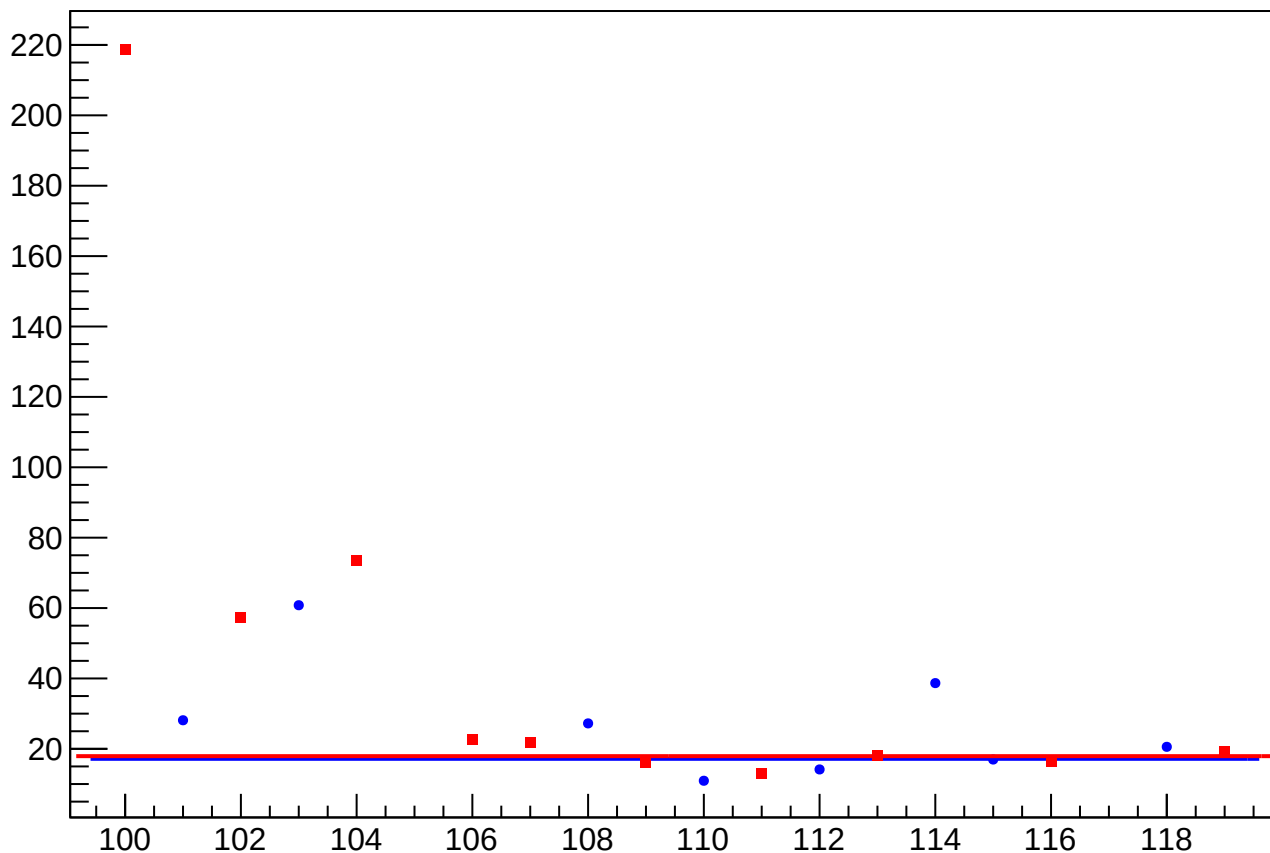
asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.011 χ^2/NDF : 4.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.006+/-0.010 χ^2/NDF : 20.7/9
 Left 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+/-0.007 χ^2/NDF : 25.5/17
 In: -0.000+/-0.011 χ^2/NDF :4.6/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.003+/-0.007 χ^2/NDF : 25.5/17

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.168+/-0.008 χ^2/NDF : 1236852.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.922+/-0.007 χ^2/NDF : 1293004.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

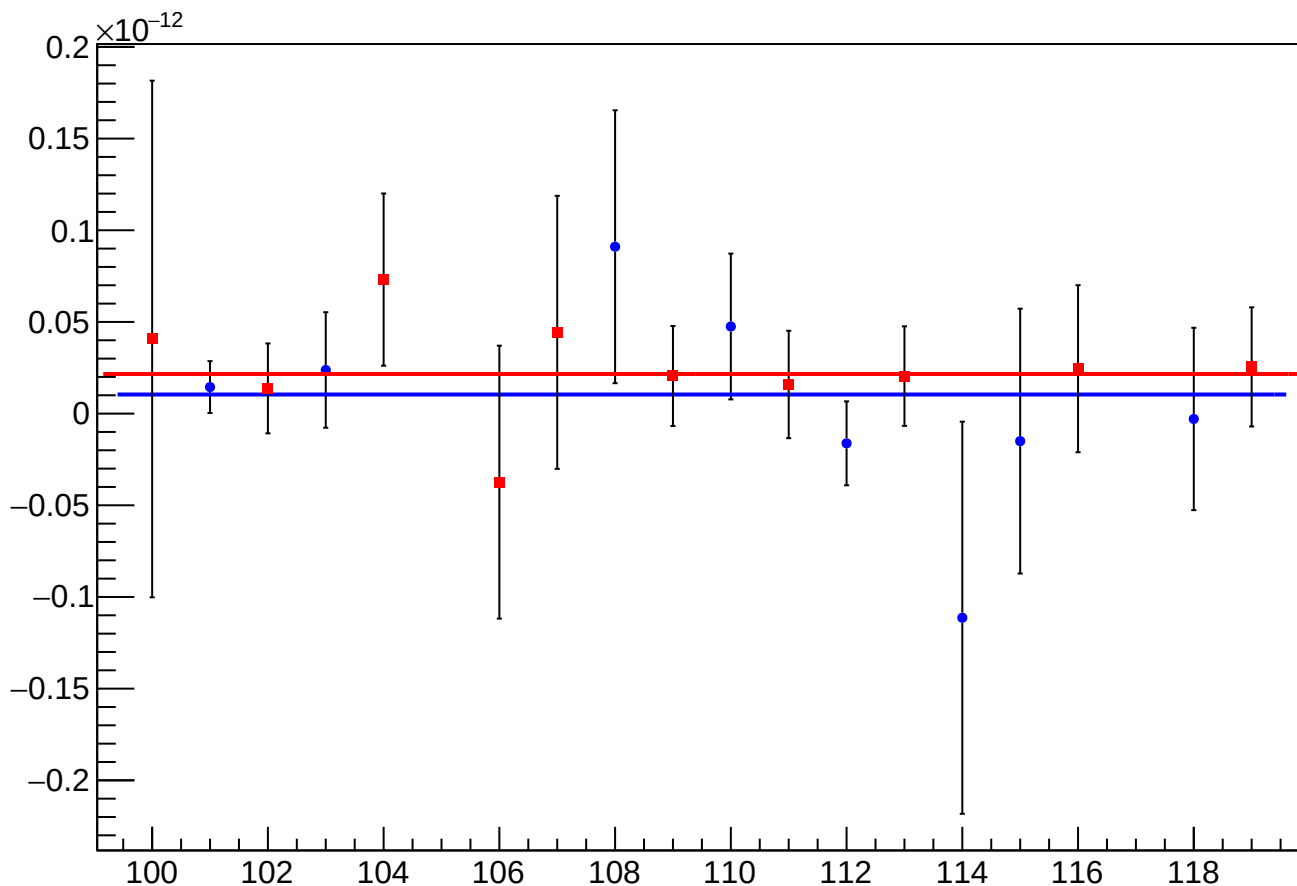
Right: 17.570+/-0.005 χ^2/NDF : 2534907.7/17

In: 17.168+/-0.008 χ^2/NDF : 1236852.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.570+/-0.005 χ^2/NDF : 2534907.7/17

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

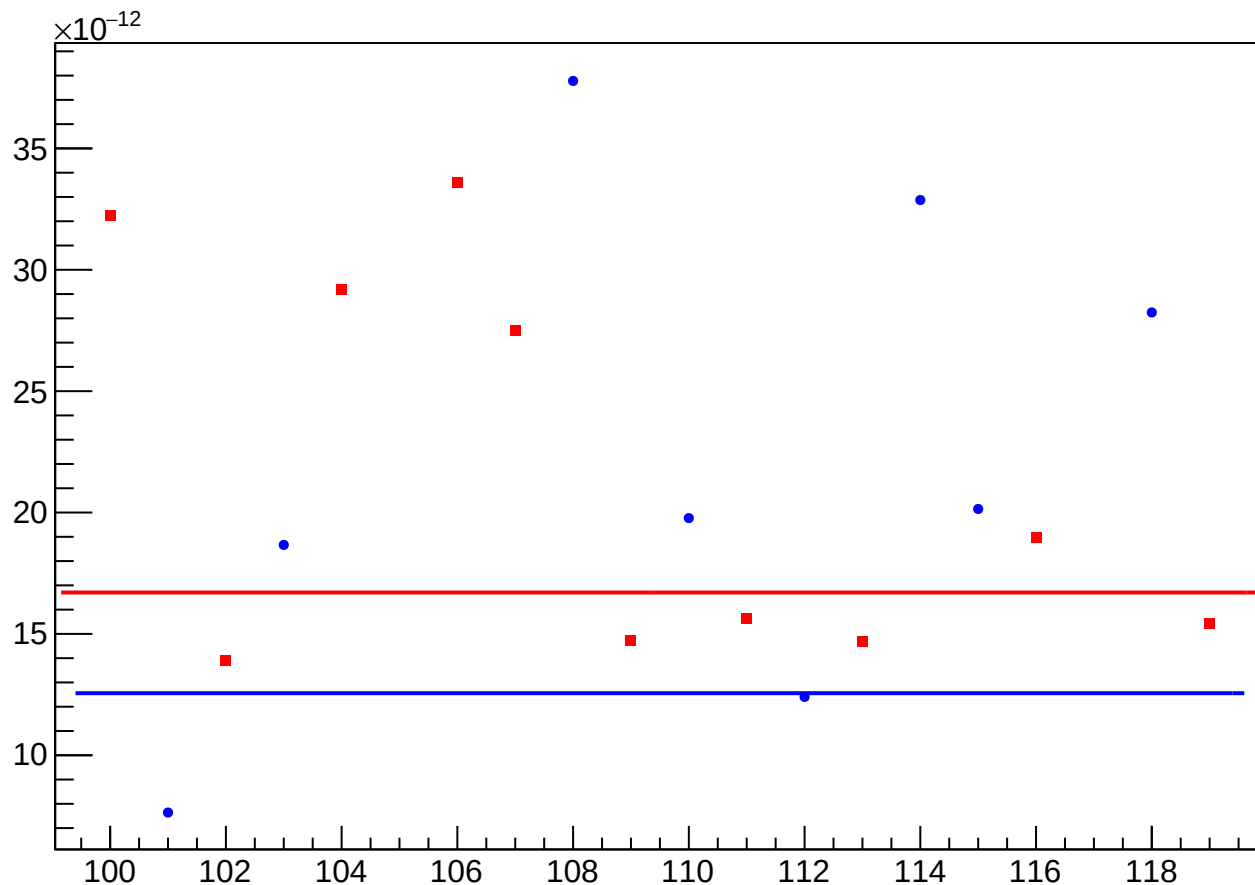
Right: 0.000+/-0.000 χ^2/NDF : 7.8/17

In: 0.000+/-0.000 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/17

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 905684.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 369416.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

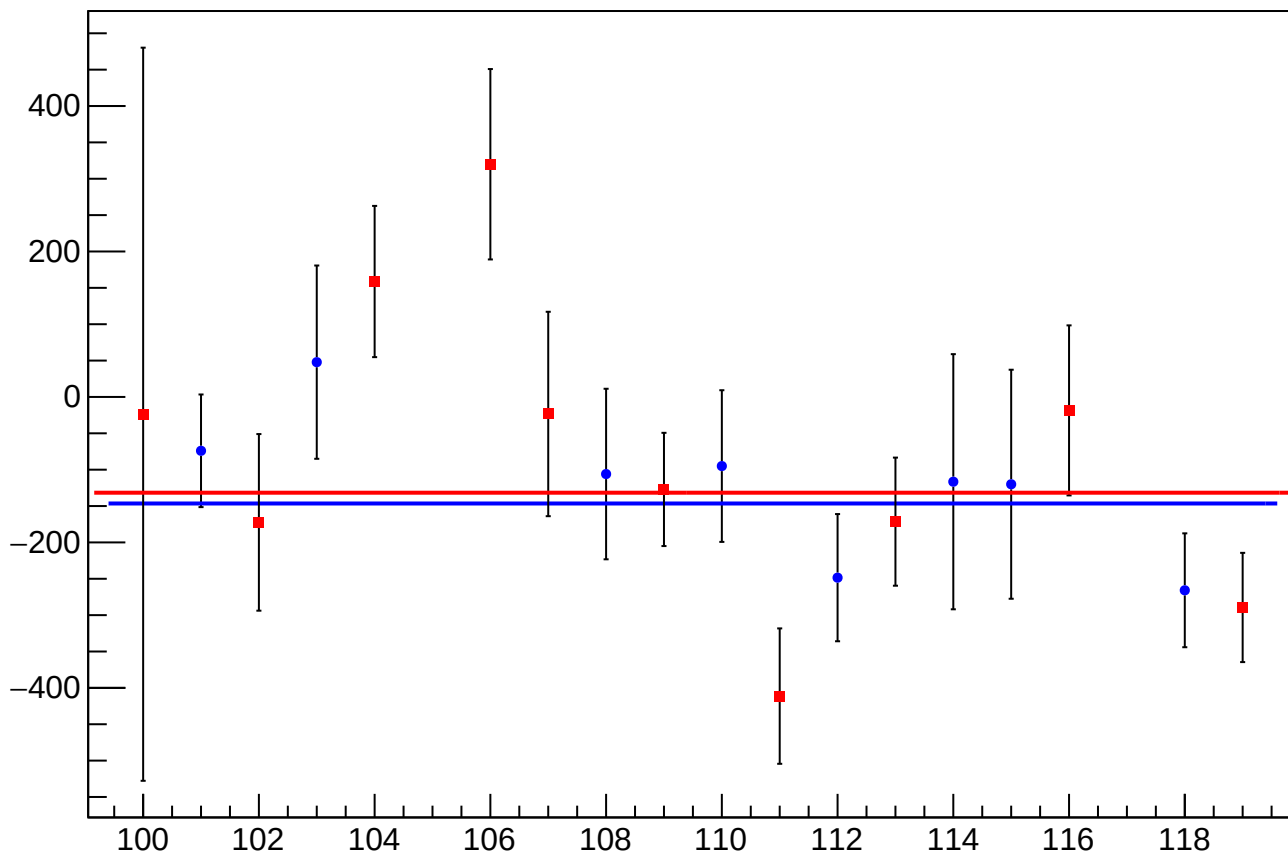
Right: 0.000+/-0.000 χ^2/NDF : 1422081.8/17

In: 0.000+/-0.000 χ^2/NDF : 905684.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1422081.8/17

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -146.488 $\pm$ 36.395 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -131.663 $\pm$ 32.736 χ^2 /NDF: 35.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

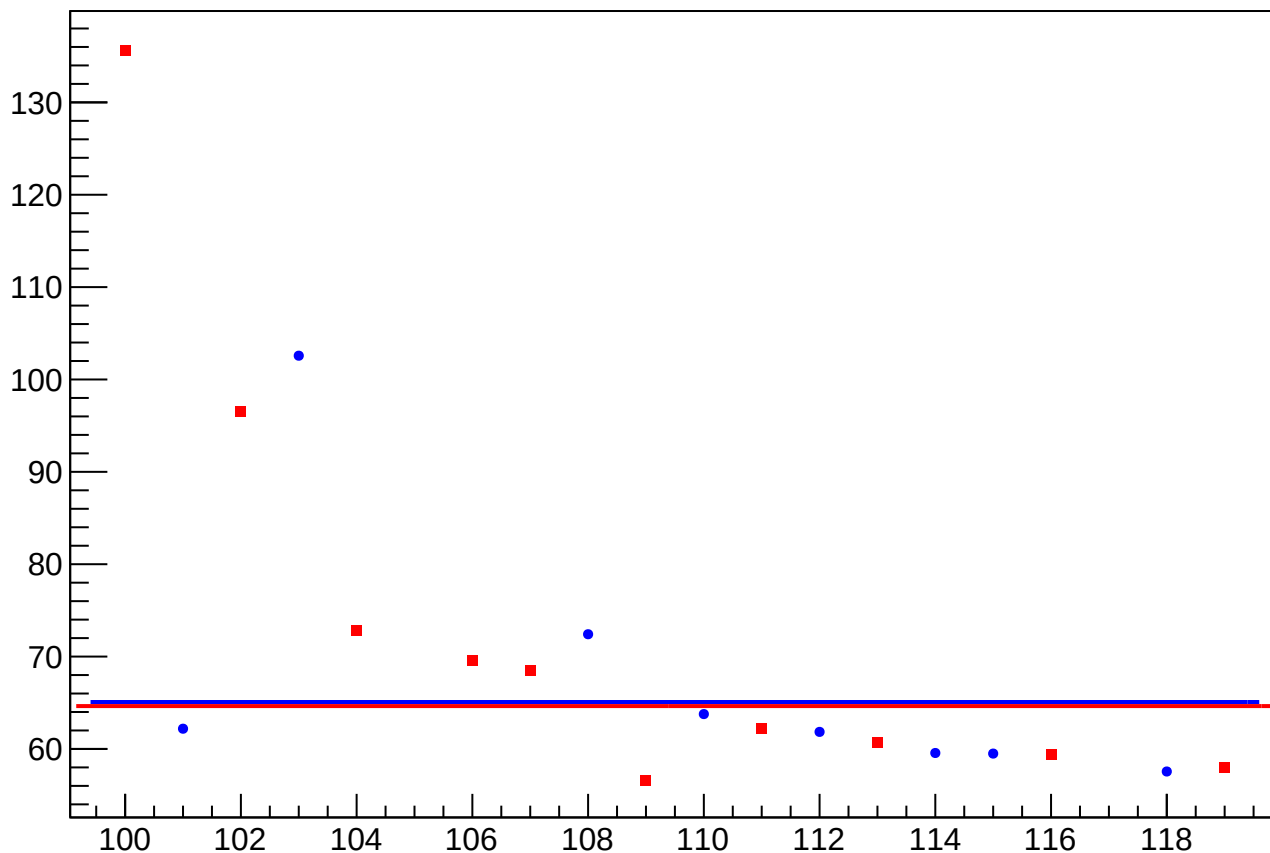
Right: -138.293 $\pm$ 24.339 χ^2 /NDF: 42.3/17

In: -146.488 $\pm$ 36.395 χ^2 /NDF:7.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -138.293 $\pm$ 24.339 χ^2 /NDF: 42.3/17

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.081+/-0.026 χ^2/NDF : 195877.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.640+/-0.023 χ^2/NDF : 240781.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

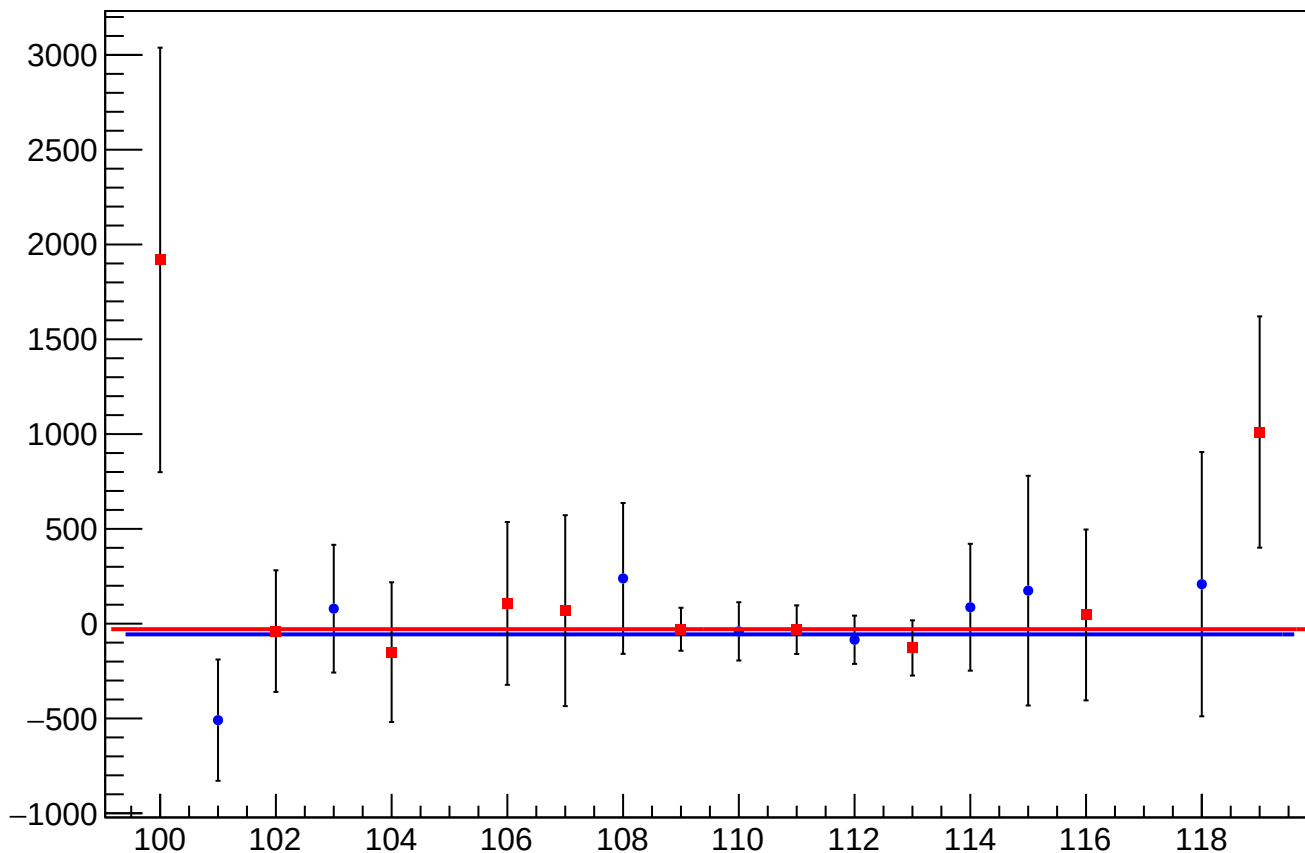
Right: 64.837+/-0.017 χ^2/NDF : 436821.5/17

In: 65.081+/-0.026 χ^2/NDF : 195877.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.837+/-0.017 χ^2/NDF : 436821.5/17

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -56.458 $\pm$ 83.724 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.102 $\pm$ 67.349 χ^2 /NDF: 6.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

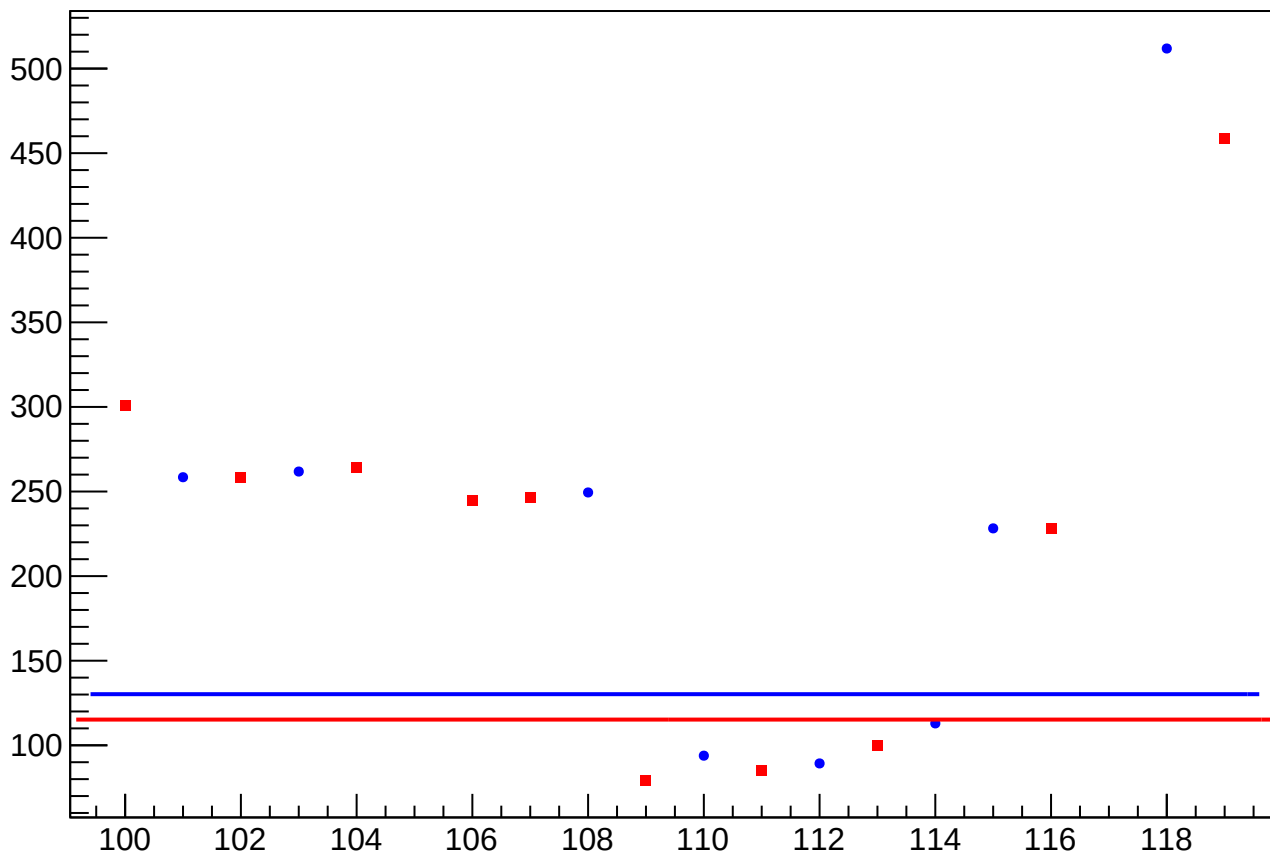
Right: -39.849 $\pm$ 52.478 χ^2 /NDF: 10.0/17

In: -56.458 $\pm$ 83.724 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.849 $\pm$ 52.478 χ^2 /NDF: 10.0/17

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 130.215+/-0.059 χ^2/NDF : 1782333.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.200+/-0.048 χ^2/NDF : 2190886.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

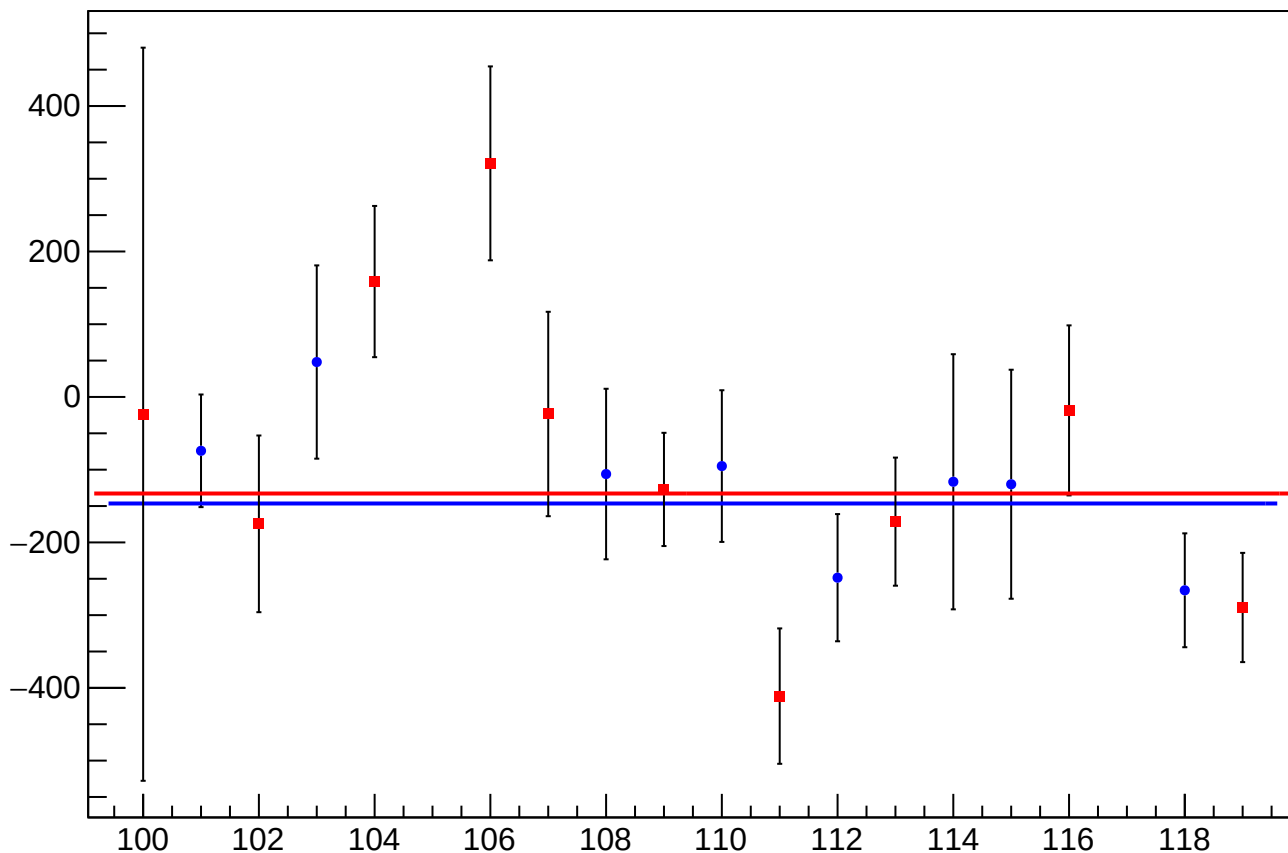
Right: 121.099+/-0.037 χ^2/NDF : 4012270.8/17

In: 130.215+/-0.059 χ^2/NDF : 1782333.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.099+/-0.037 χ^2/NDF : 4012270.8/17

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -146.487+/-36.395 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.758+/-32.774 χ^2/NDF : 34.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

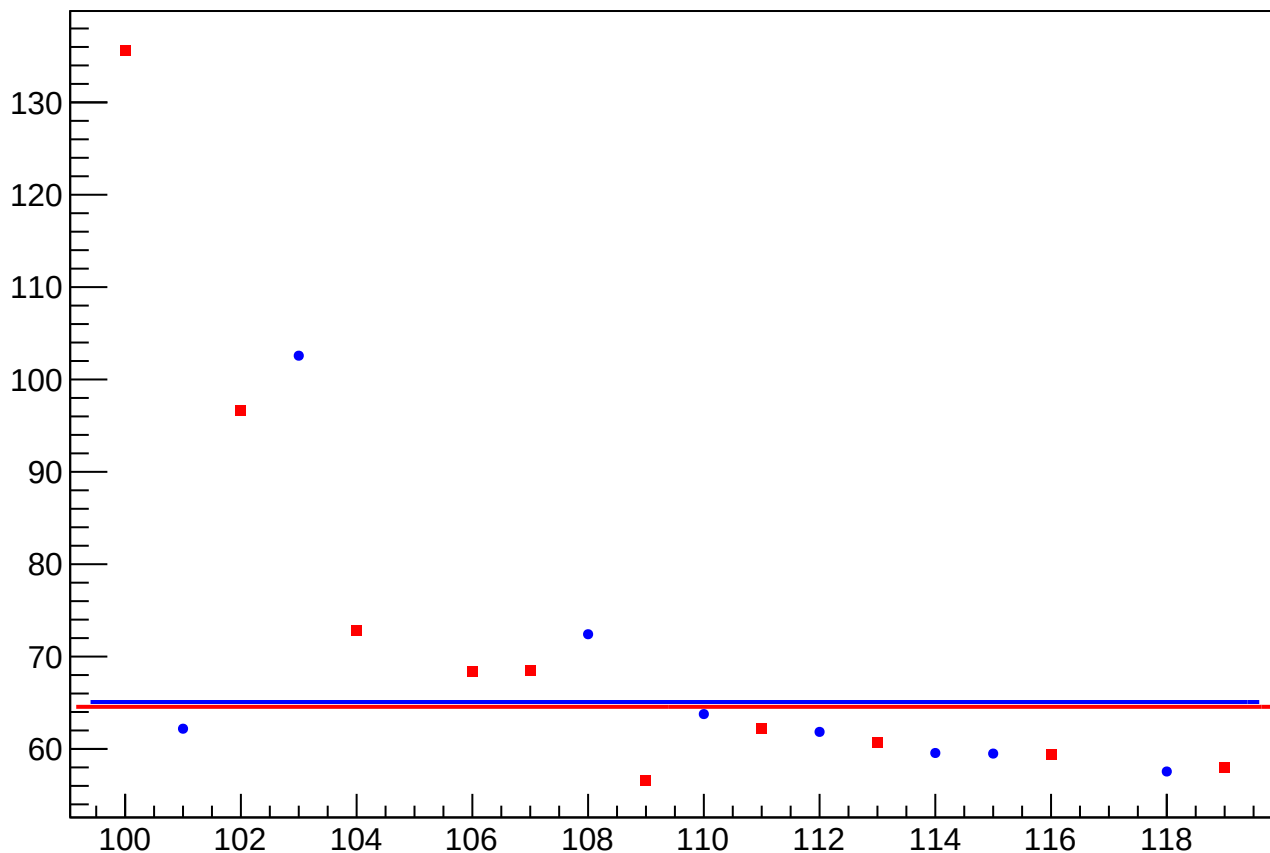
Right: -138.905+/-24.354 χ^2/NDF : 41.9/17

In: -146.487+/-36.395 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.905+/-24.354 χ^2/NDF : 41.9/17

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.081+/-0.026 χ^2/NDF : 195879.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.559+/-0.023 χ^2/NDF : 239709.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

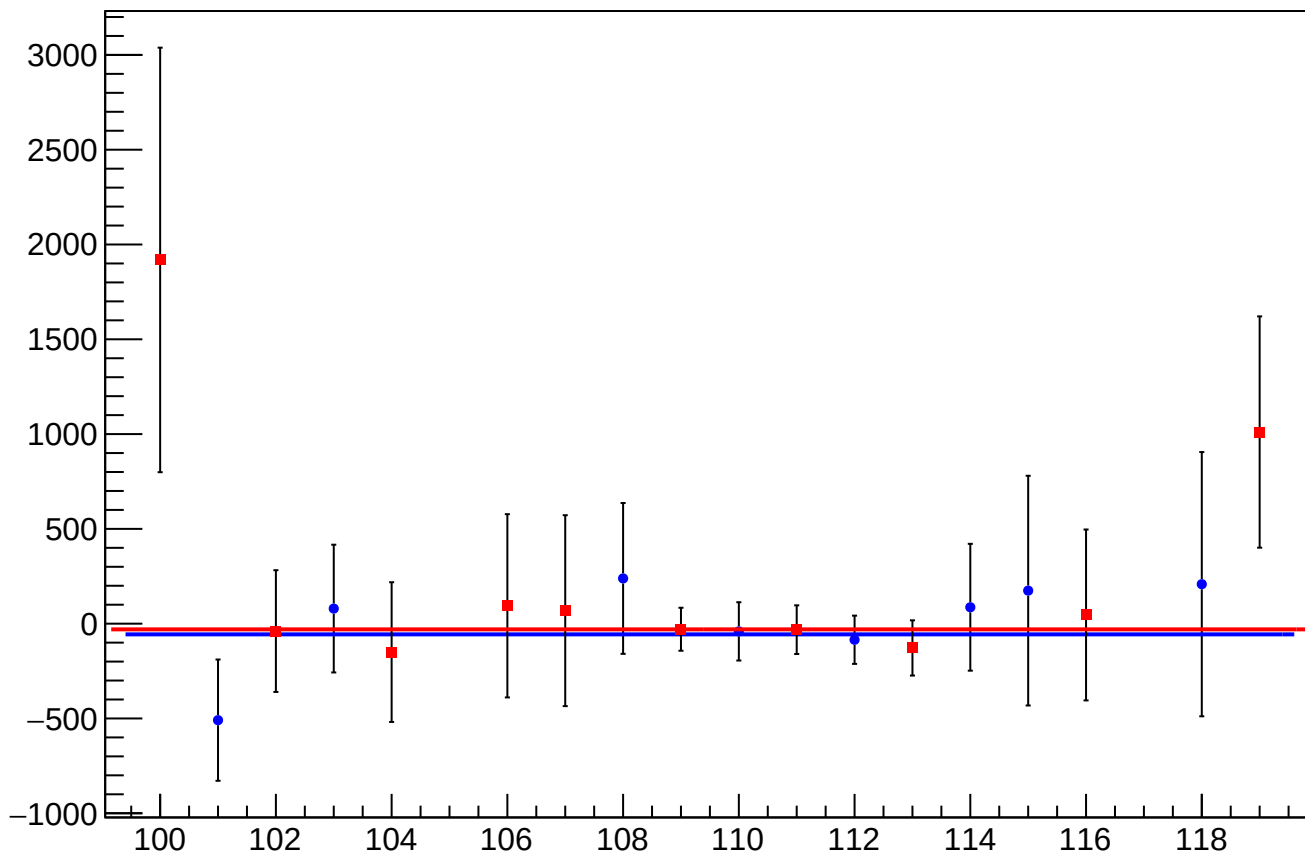
Right: 64.793+/-0.017 χ^2/NDF : 435816.3/17

In: 65.081+/-0.026 χ^2/NDF : 195879.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.793+/-0.017 χ^2/NDF : 435816.3/17

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -56.436+/-83.725 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.033+/-67.527 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

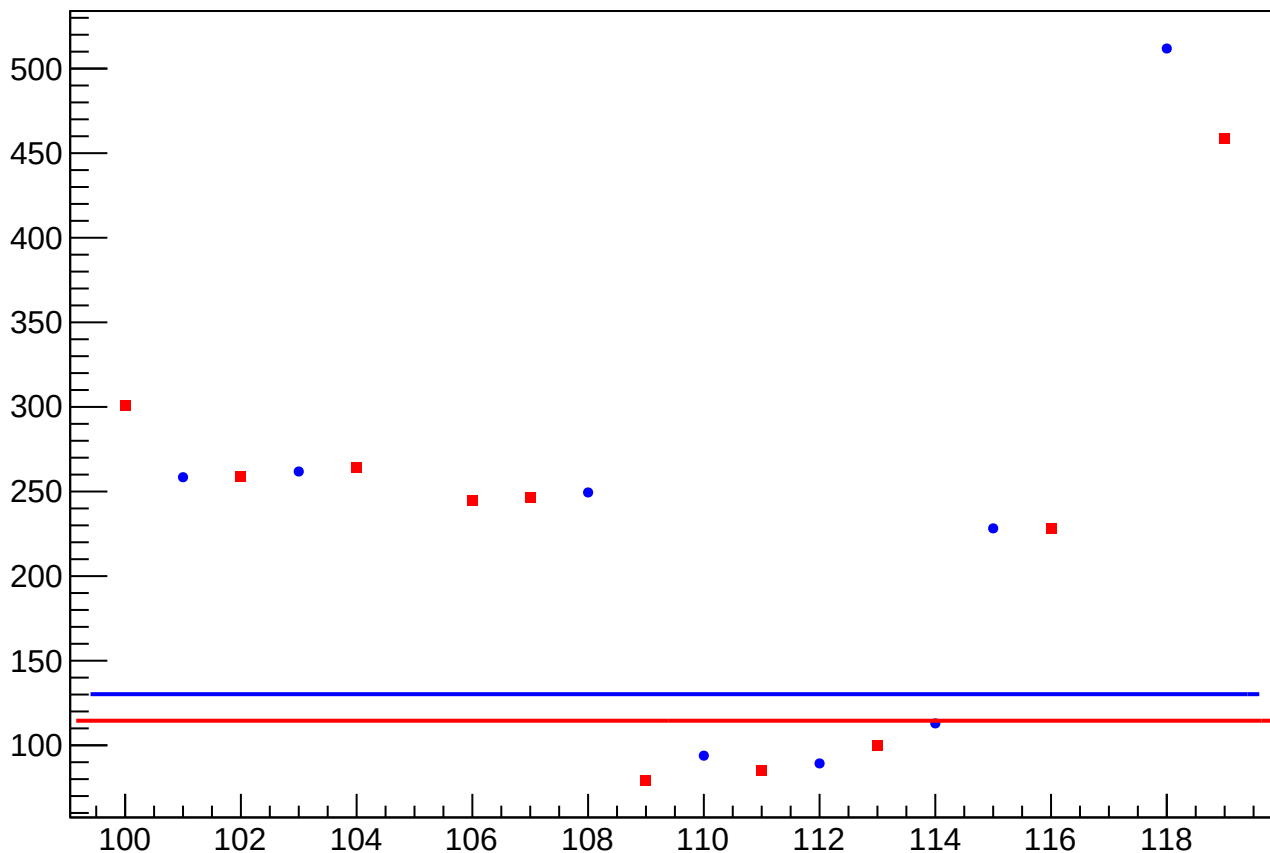
Right: -40.439+/-52.562 χ^2/NDF : 9.9/17

In: -56.436+/-83.725 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.439+/-52.562 χ^2/NDF : 9.9/17

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 130.215+/-0.059 χ^2/NDF : 1782388.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.528+/-0.048 χ^2/NDF : 2153671.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

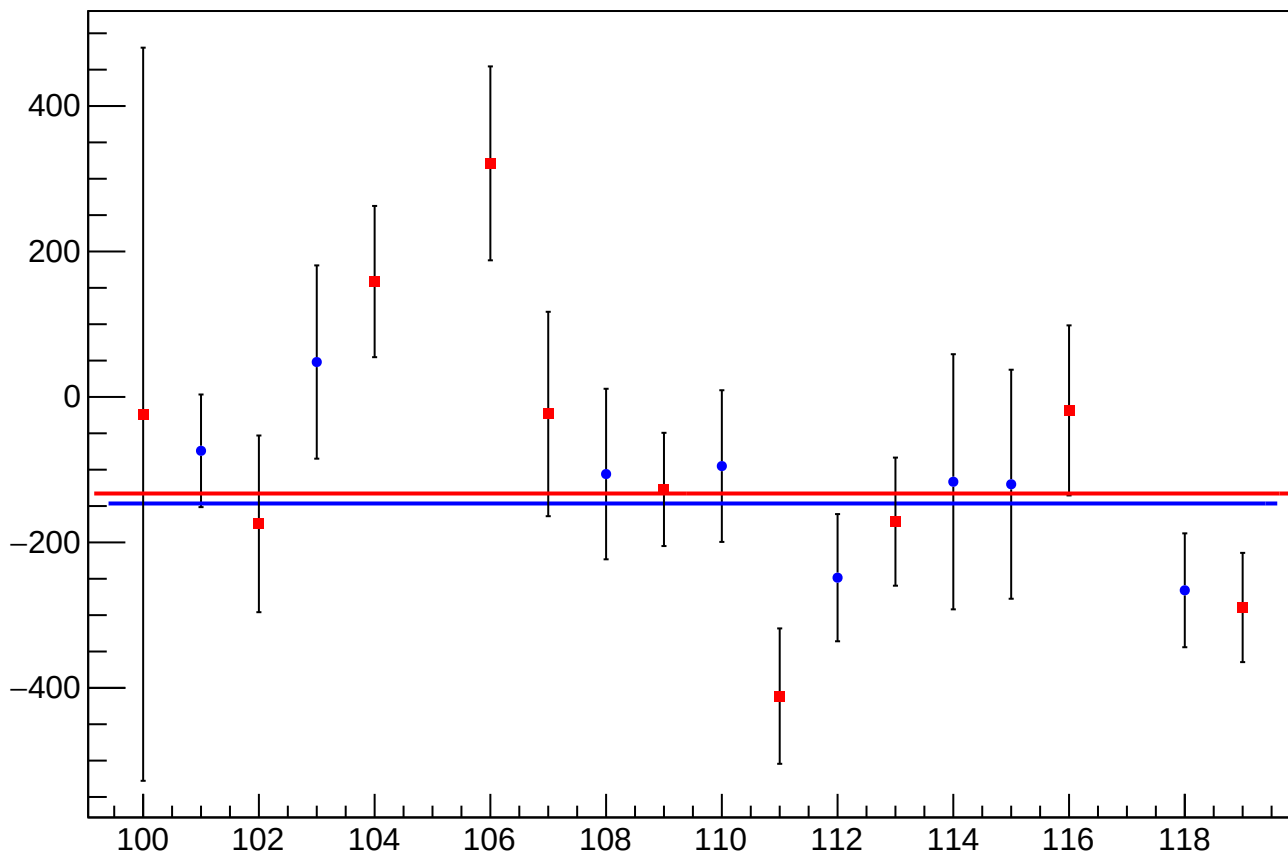
Right: 120.711+/-0.037 χ^2/NDF : 3978594.2/17

In: 130.215+/-0.059 χ^2/NDF : 1782388.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.711+/-0.037 χ^2/NDF : 3978594.2/17

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -146.487+/-36.395 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.758+/-32.774 χ^2/NDF : 34.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

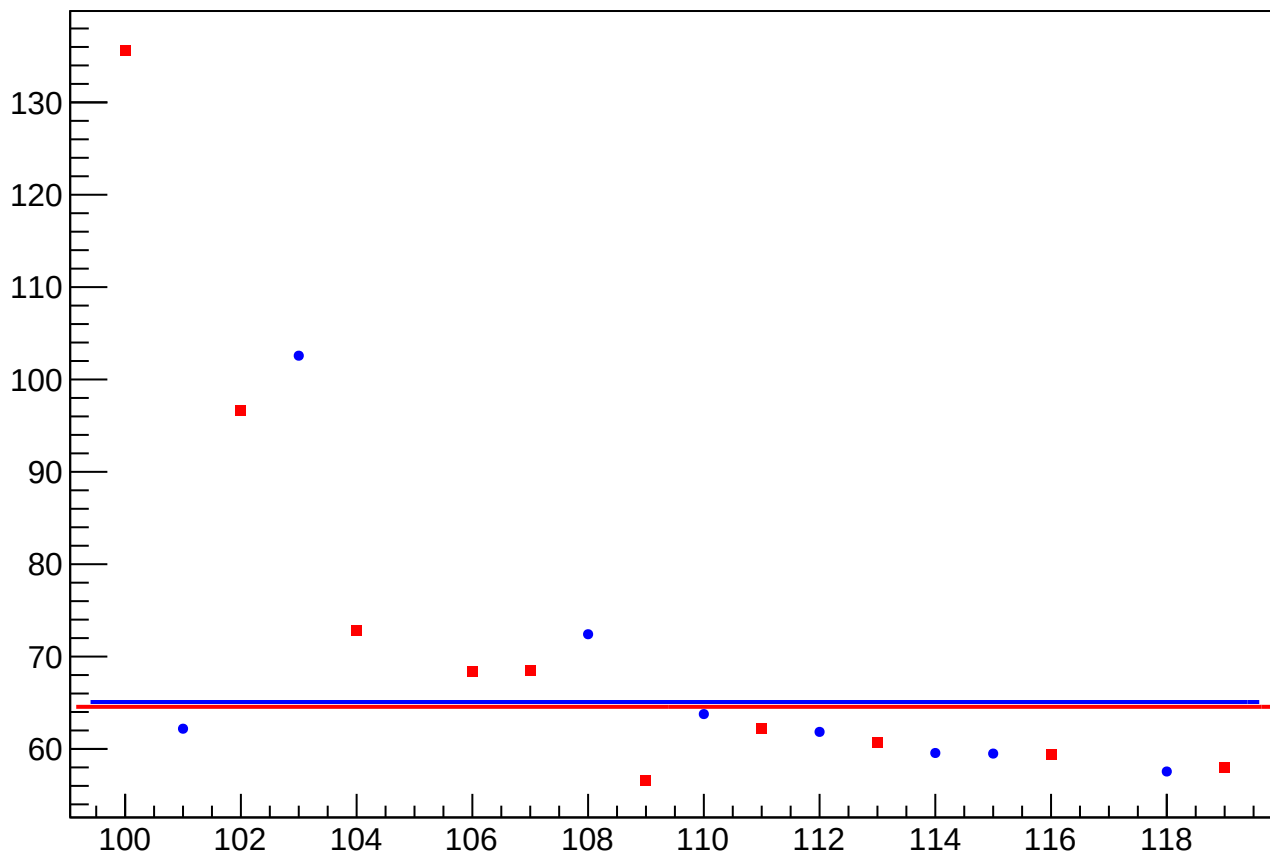
Right: -138.905+/-24.354 χ^2/NDF : 41.9/17

In: -146.487+/-36.395 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.905+/-24.354 χ^2/NDF : 41.9/17

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 65.081+/-0.026 χ^2/NDF : 195879.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.559+/-0.023 χ^2/NDF : 239709.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

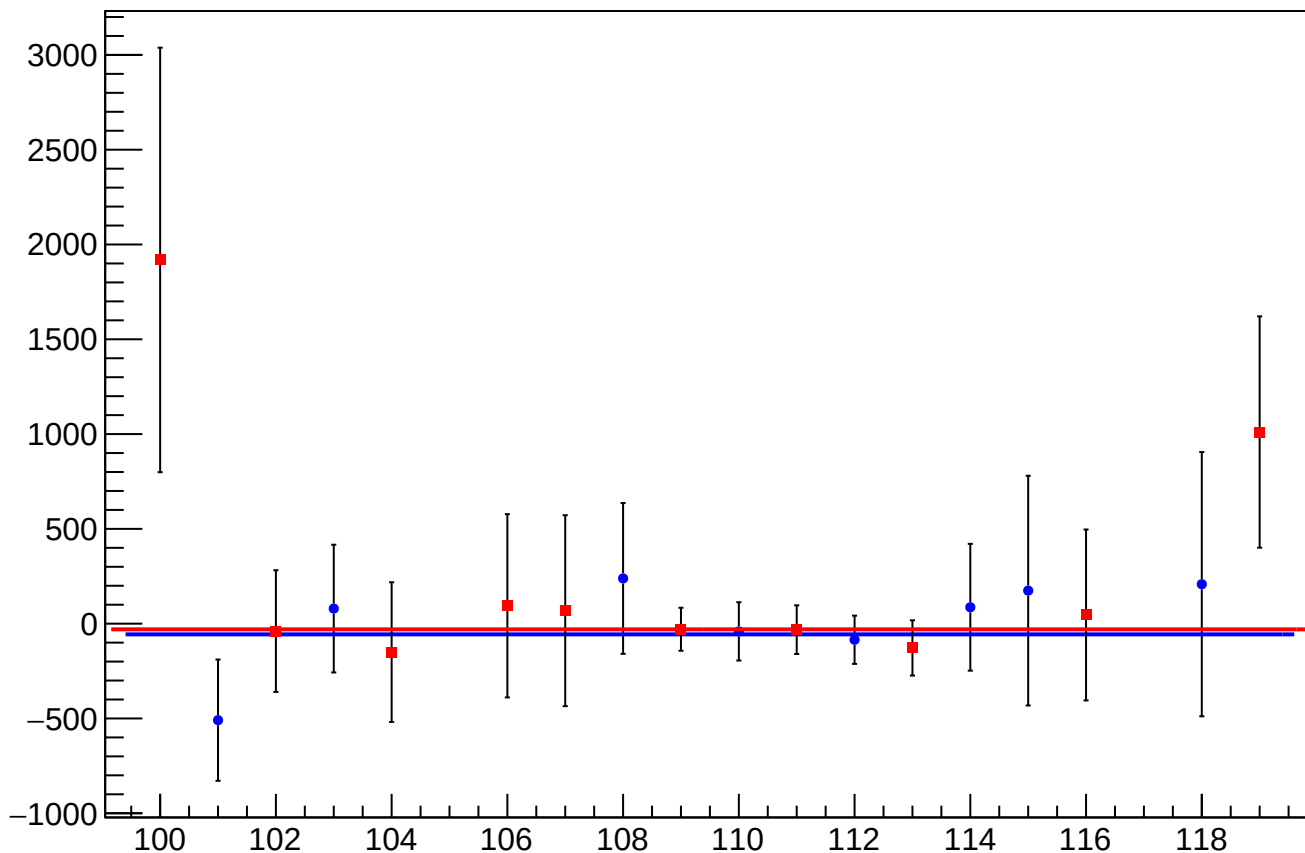
Right: 64.793+/-0.017 χ^2/NDF : 435816.3/17

In: 65.081+/-0.026 χ^2/NDF : 195879.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.793+/-0.017 χ^2/NDF : 435816.3/17

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -56.436+/-83.725 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.033+/-67.527 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

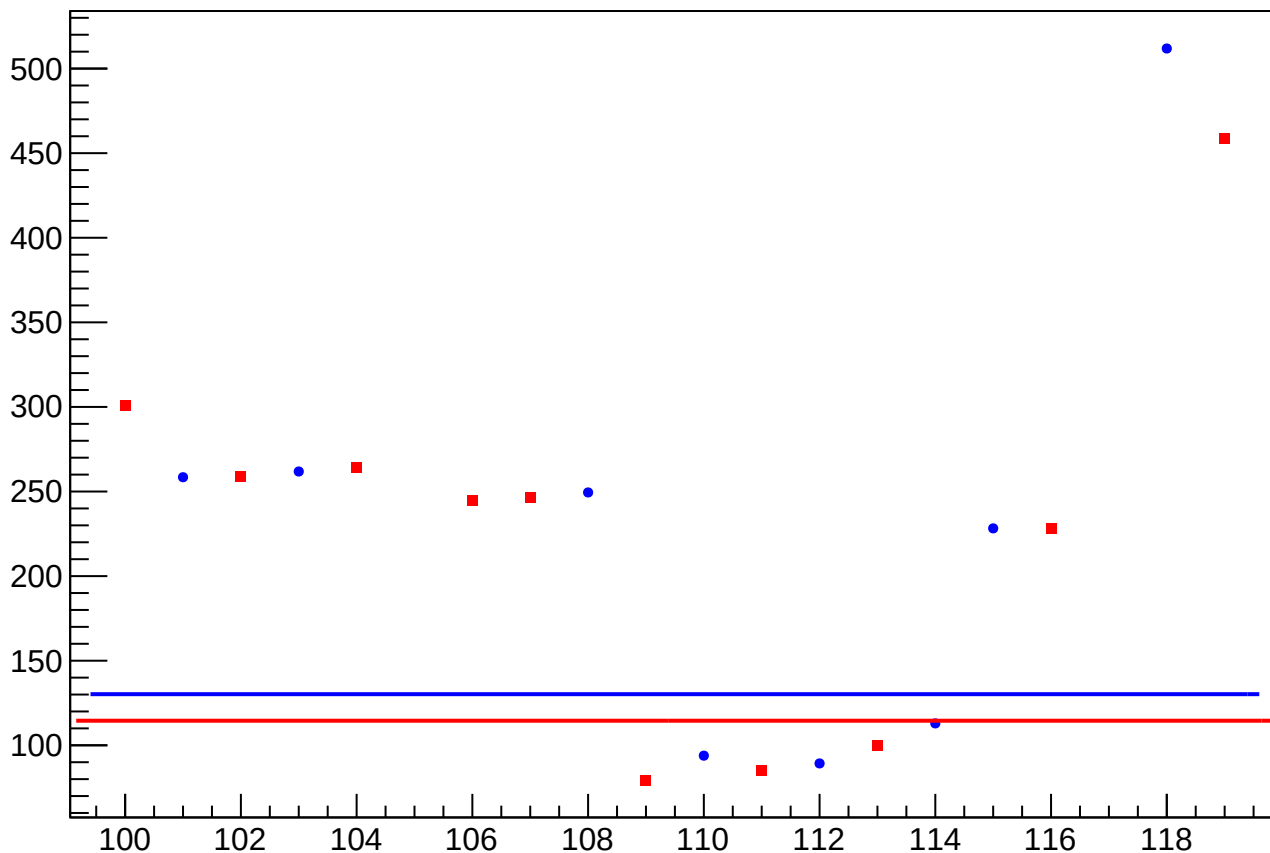
Right: -40.439+/-52.562 χ^2/NDF : 9.9/17

In: -56.436+/-83.725 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.439+/-52.562 χ^2/NDF : 9.9/17

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 130.215+/-0.059 χ^2/NDF : 1782388.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.528+/-0.048 χ^2/NDF : 2153671.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

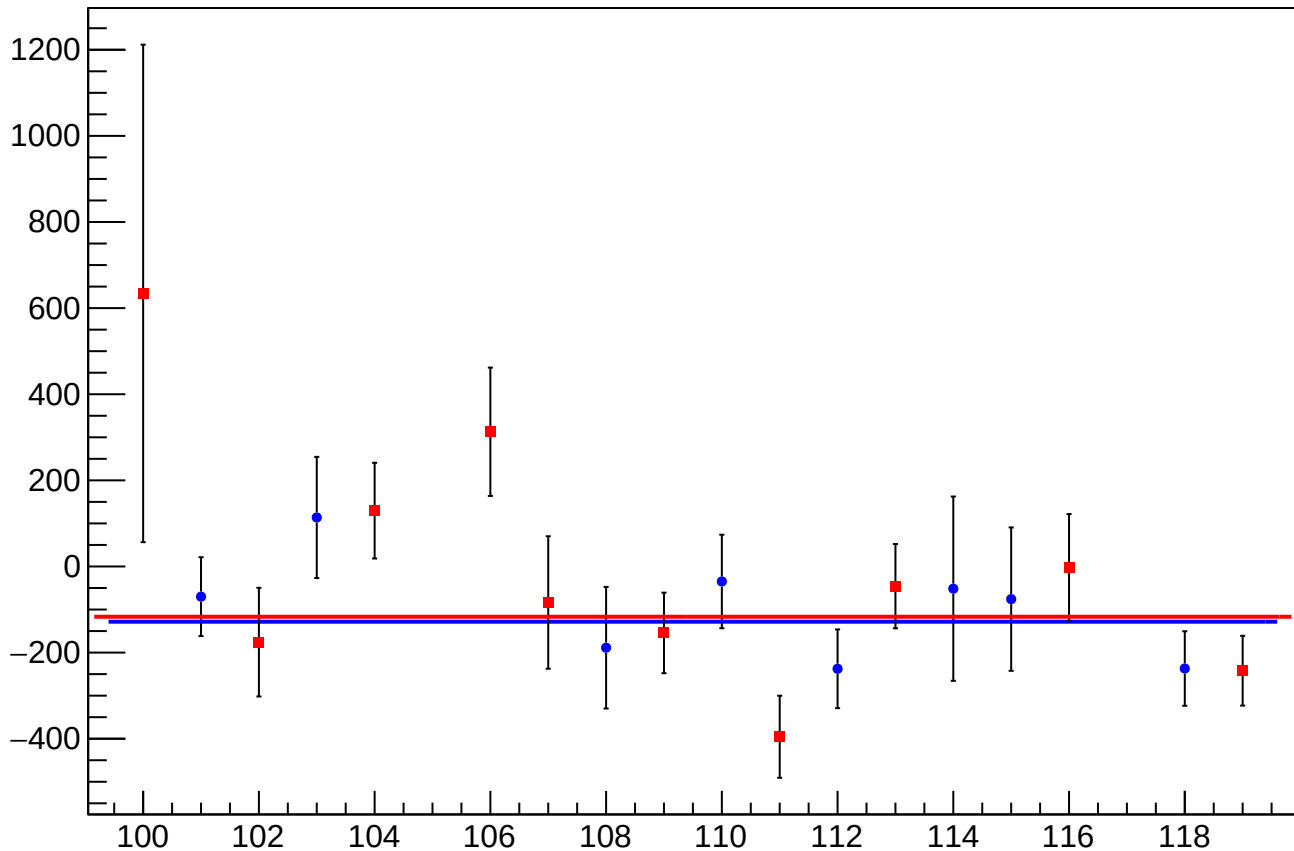
Right: 120.711+/-0.037 χ^2/NDF : 3978594.2/17

In: 130.215+/-0.059 χ^2/NDF : 1782388.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.711+/-0.037 χ^2/NDF : 3978594.2/17

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -128.209 $\pm$ 40.305 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -116.734 $\pm$ 35.809 χ^2 /NDF: 27.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

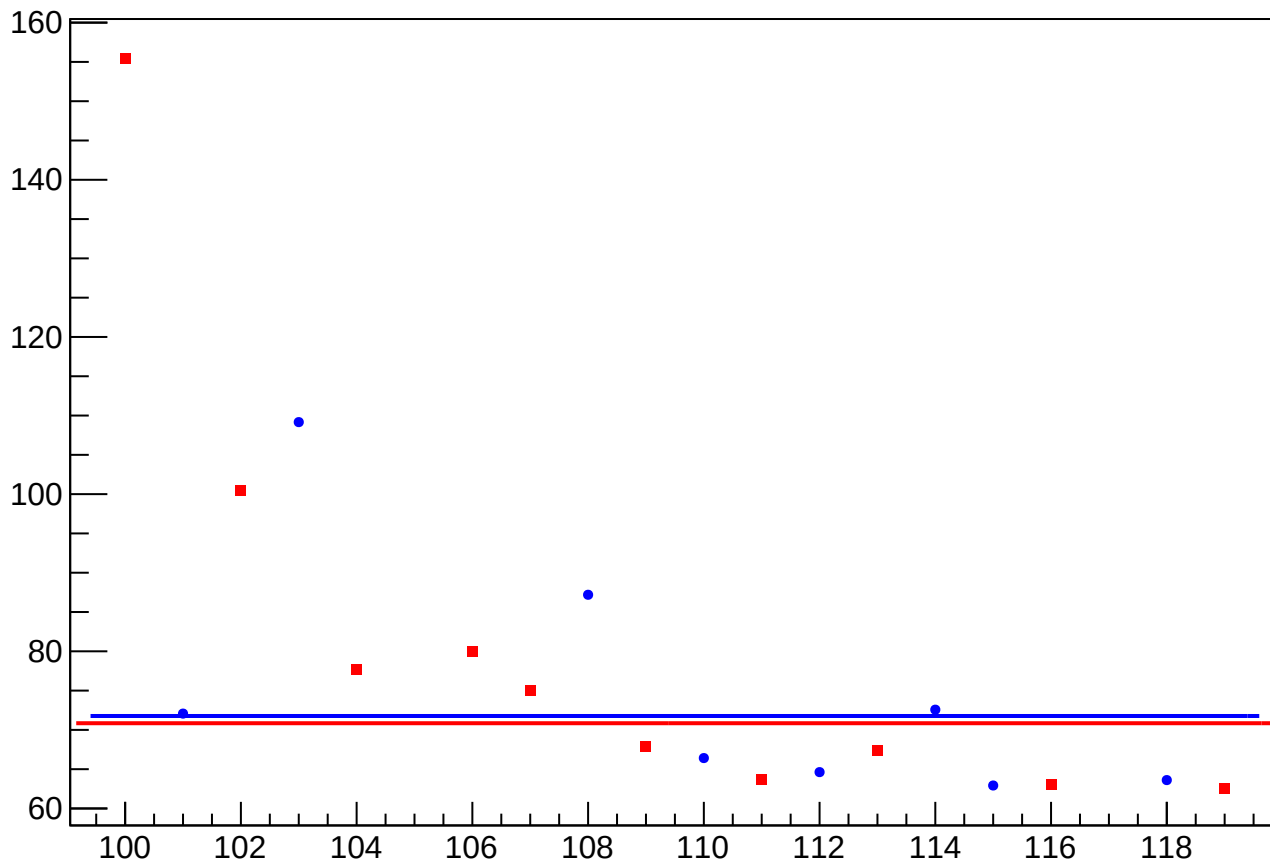
Right: -121.796 $\pm$ 26.770 χ^2 /NDF: 35.2/17

In: -128.209 $\pm$ 40.305 χ^2 /NDF:7.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -121.796 $\pm$ 26.770 χ^2 /NDF: 35.2/17

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 71.769+/-0.028 χ^2/NDF : 205643.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.849+/-0.025 χ^2/NDF : 213790.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

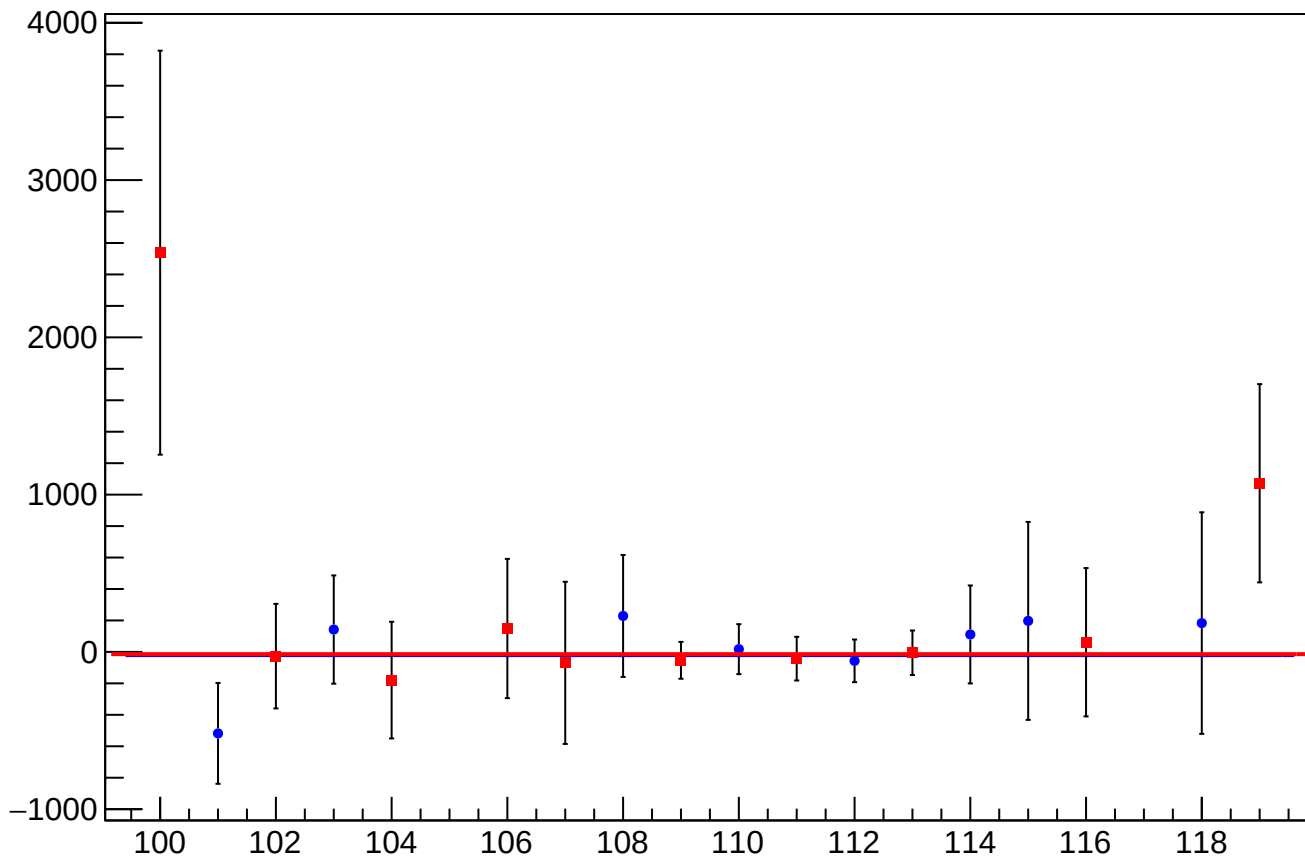
Right: 71.255+/-0.019 χ^2/NDF : 420016.6/17

In: 71.769+/-0.028 χ^2/NDF : 205643.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.255+/-0.019 χ^2/NDF : 420016.6/17

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -20.309+/-86.478 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.186+/-69.447 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

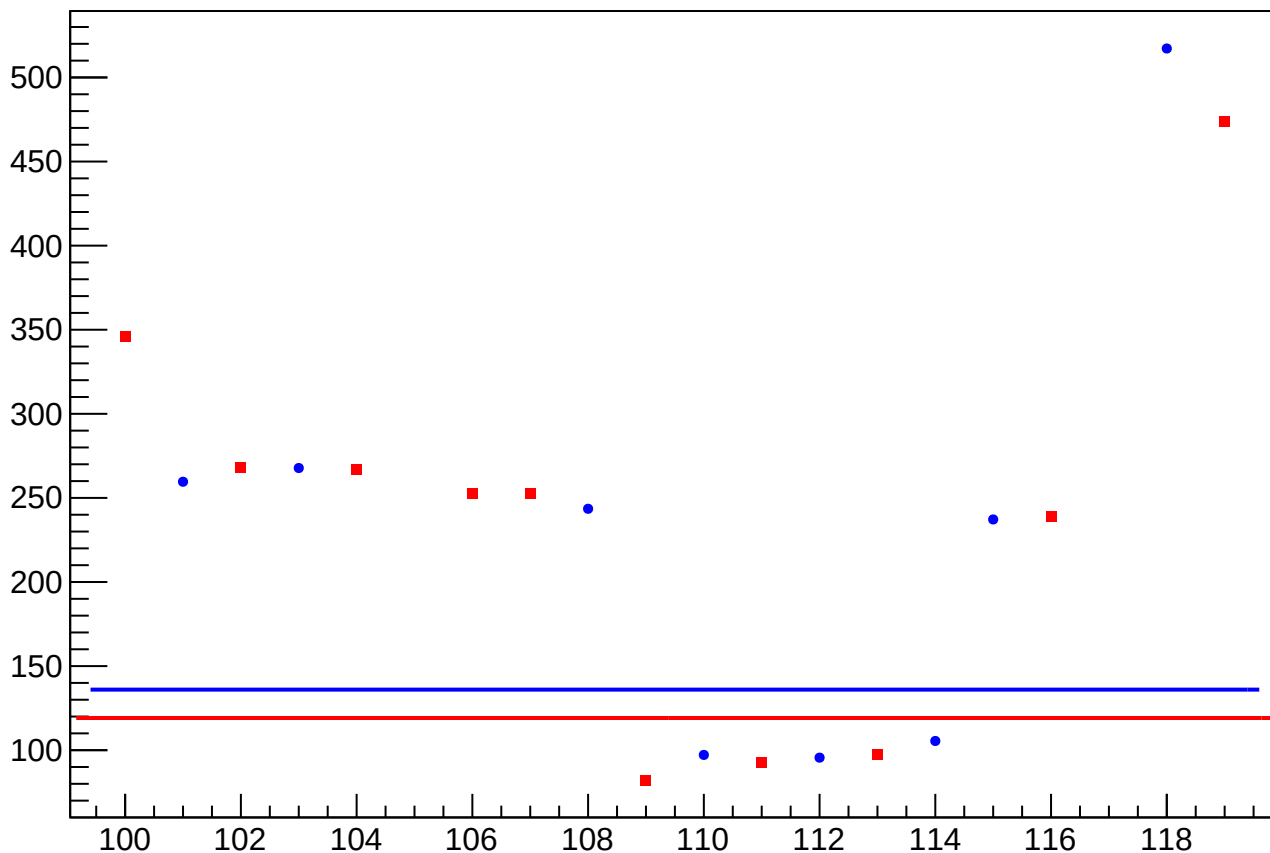
Right: -16.586+/-54.148 χ^2/NDF : 11.0/17

In: -20.309+/-86.478 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.586+/-54.148 χ^2/NDF : 11.0/17

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 136.011+/-0.061 χ^2/NDF : 1698462.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.135+/-0.049 χ^2/NDF : 2181681.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

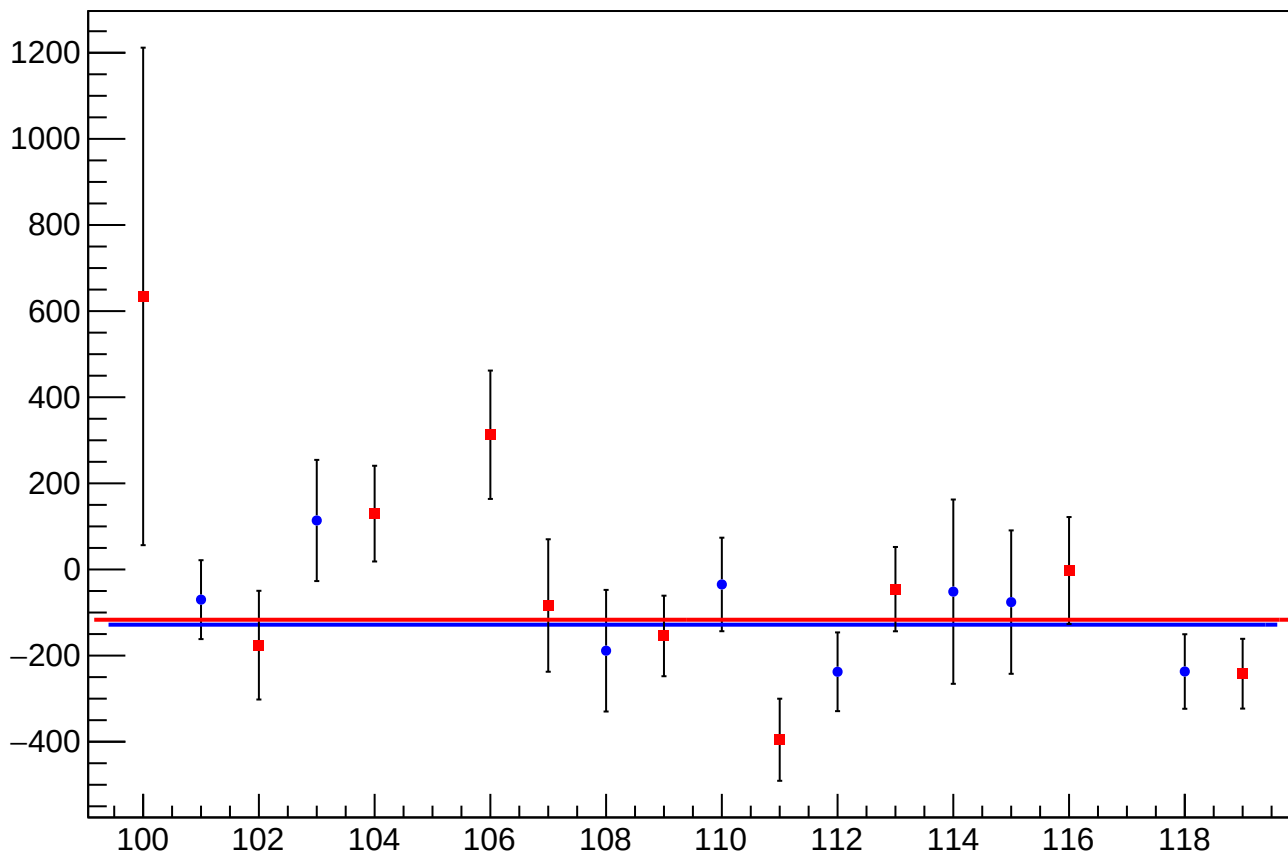
Right: 125.751+/-0.038 χ^2/NDF : 3926451.5/17

In: 136.011+/-0.061 χ^2/NDF : 1698462.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.751+/-0.038 χ^2/NDF : 3926451.5/17

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -128.208+/-40.305 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.736+/-35.809 χ^2/NDF : 27.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

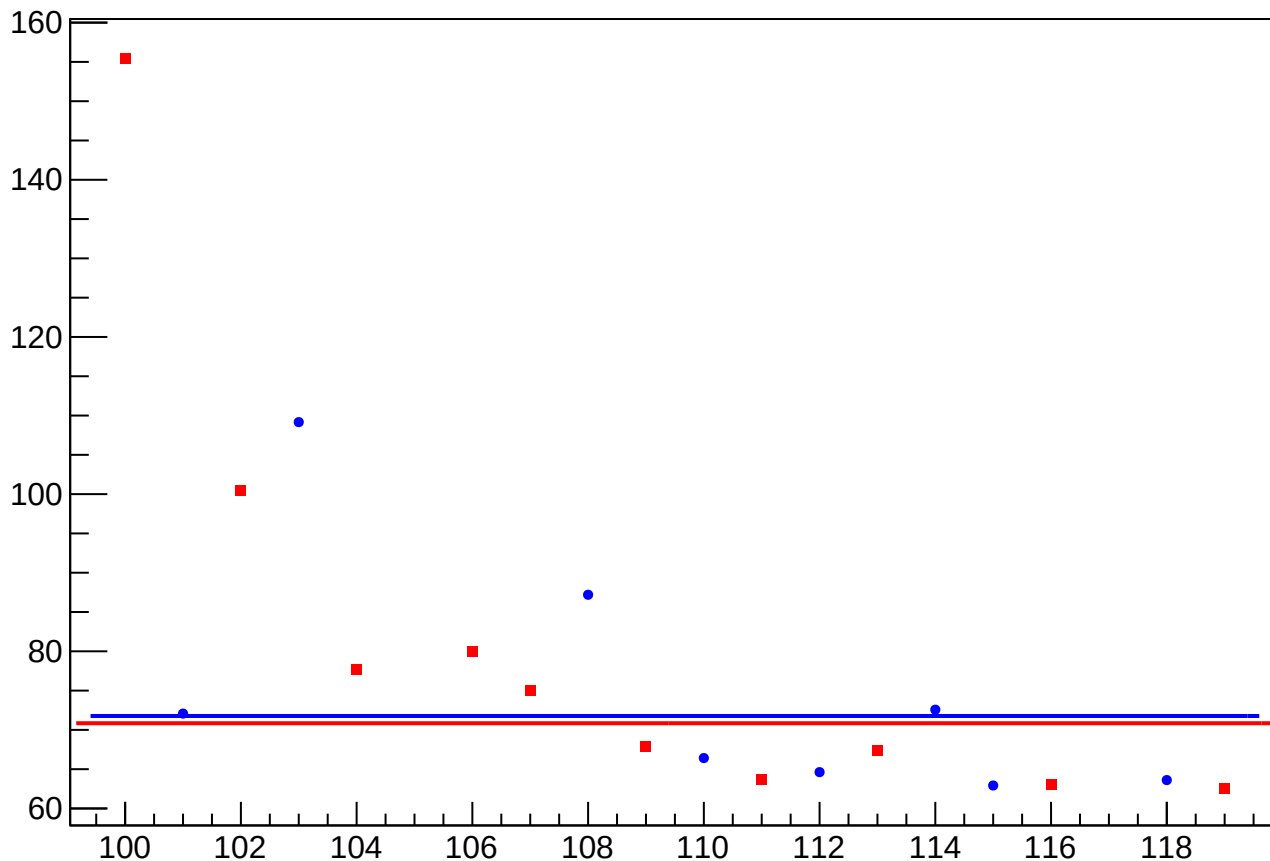
Right: -121.797+/-26.770 χ^2/NDF : 35.2/17

In: -128.208+/-40.305 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.797+/-26.770 χ^2/NDF : 35.2/17

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 71.769+/-0.028 χ^2/NDF : 205644.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.849+/-0.025 χ^2/NDF : 213792.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

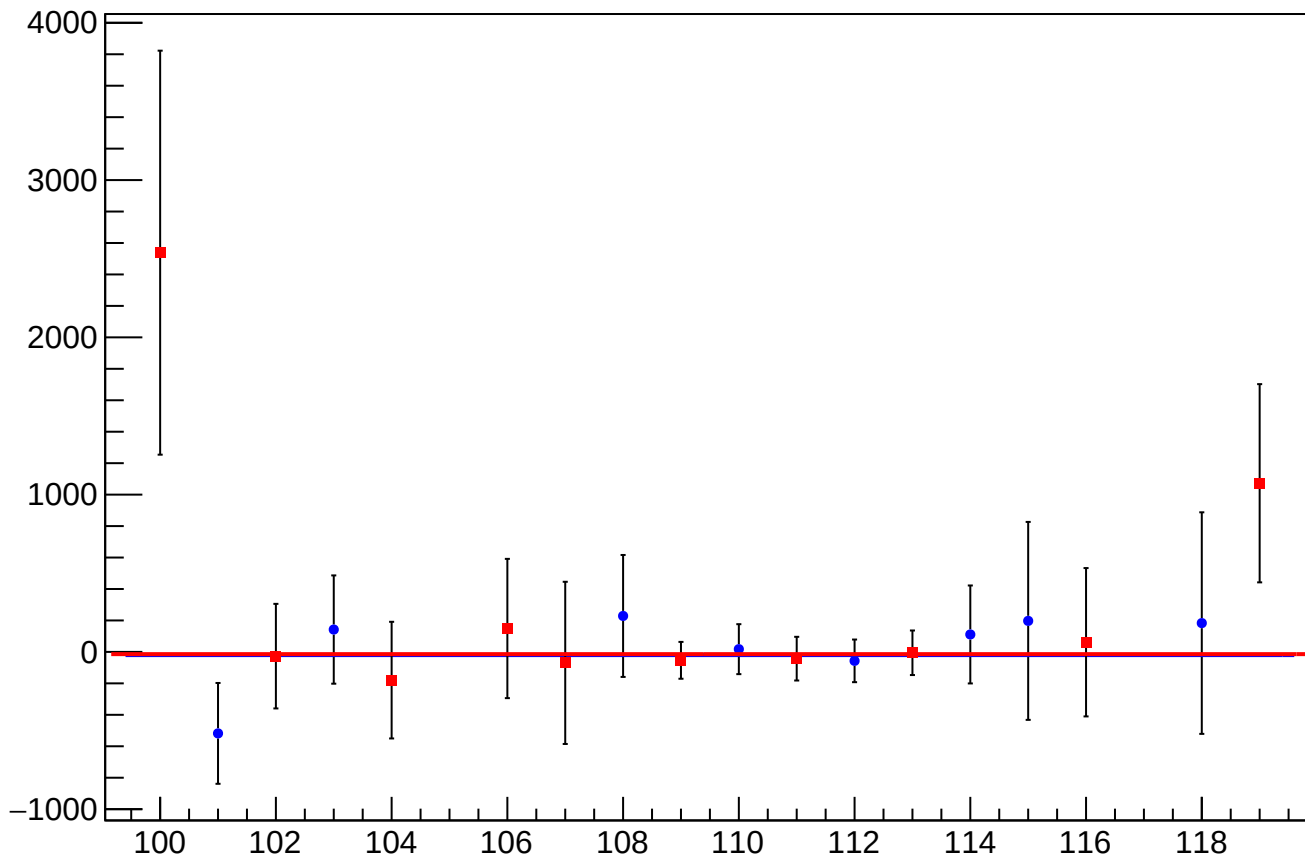
Right: 71.255+/-0.019 χ^2/NDF : 420019.0/17

In: 71.769+/-0.028 χ^2/NDF : 205644.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.255+/-0.019 χ^2/NDF : 420019.0/17

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -20.309+/-86.477 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.187+/-69.447 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

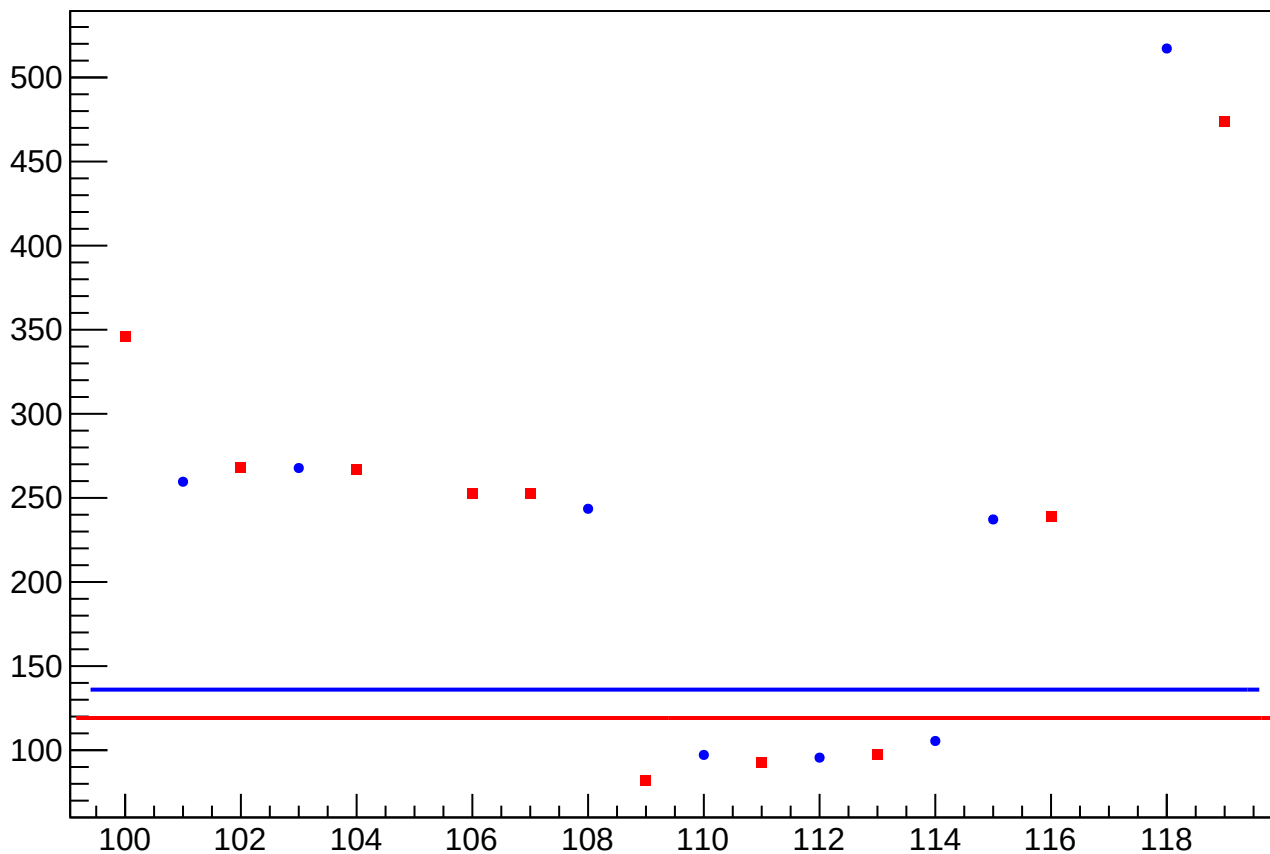
Right: -16.587+/-54.148 χ^2/NDF : 11.0/17

In: -20.309+/-86.477 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.587+/-54.148 χ^2/NDF : 11.0/17

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 136.010+/-0.061 χ^2/NDF : 1698467.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.134+/-0.049 χ^2/NDF : 2181667.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

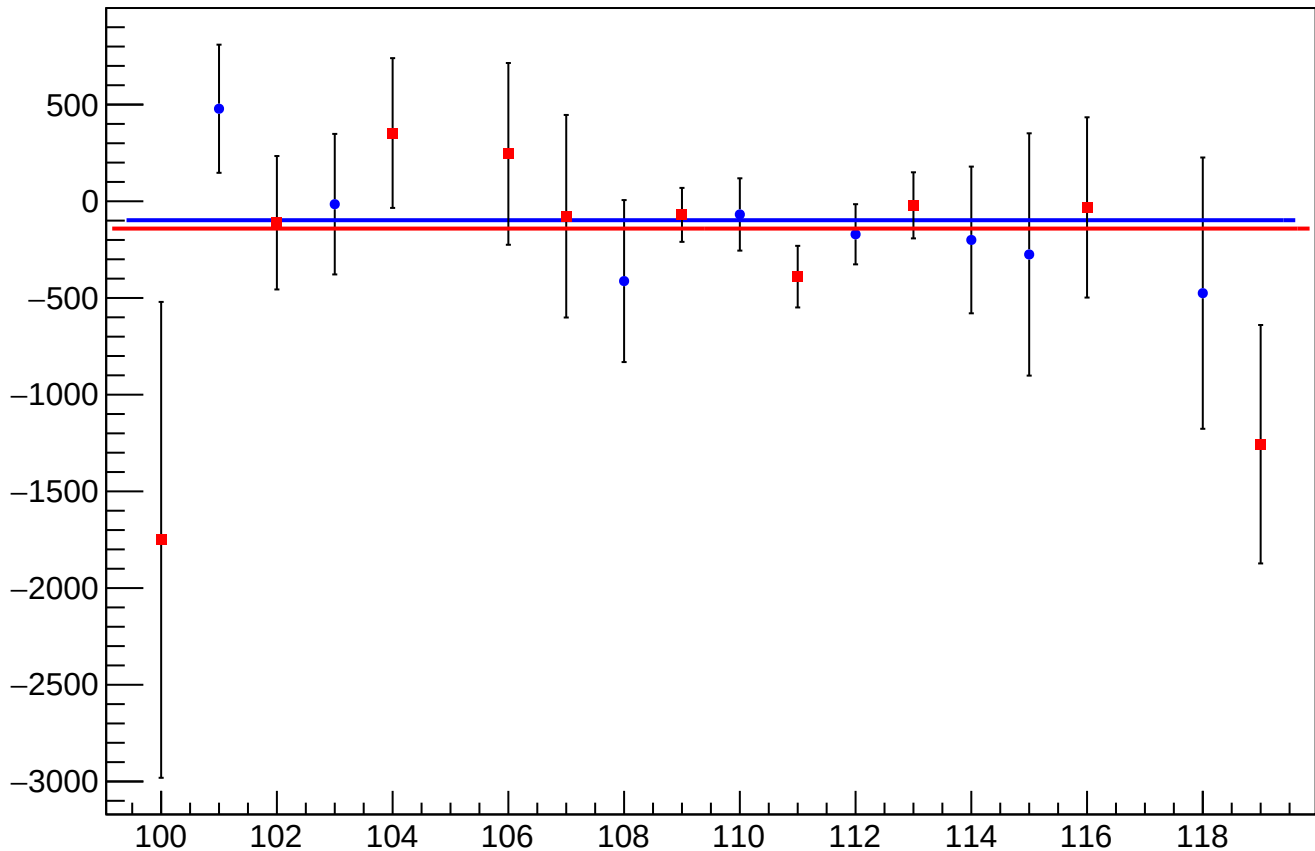
Right: 125.751+/-0.038 χ^2/NDF : 3926437.9/17

In: 136.010+/-0.061 χ^2/NDF : 1698467.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.751+/-0.038 χ^2/NDF : 3926437.9/17

asym_sam8_mean vs Slug, Sign Corrected



Right In: -97.873+/-98.136 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -141.174+/-80.007 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

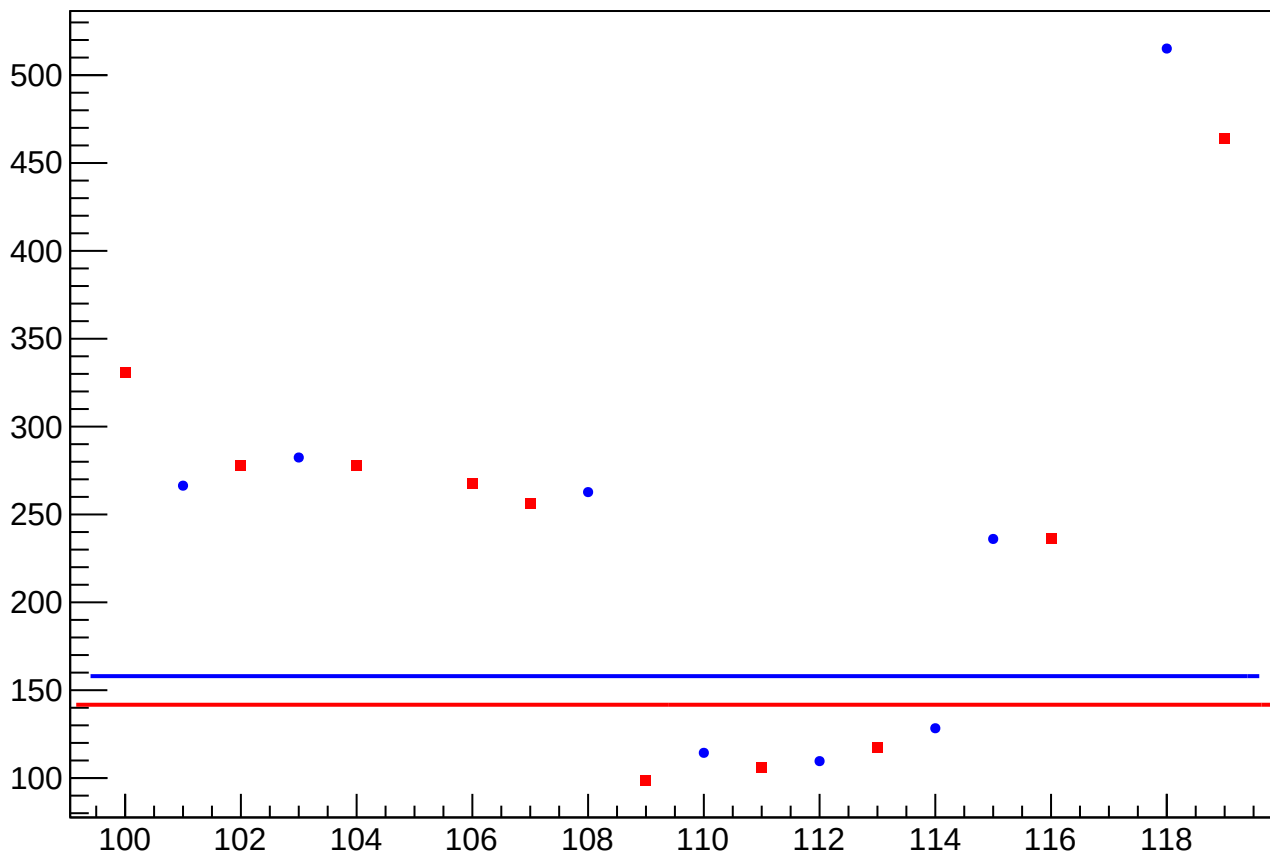
Right: -123.885+/-62.010 χ^2/NDF : 15.0/17

In: -97.873+/-98.136 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.885+/-62.010 χ^2/NDF : 15.0/17

asym_sam8_rms vs Slug, Sign Corrected



Right In: 157.998+/-0.069 χ^2/NDF : 1437656.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.722+/-0.057 χ^2/NDF : 1806410.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

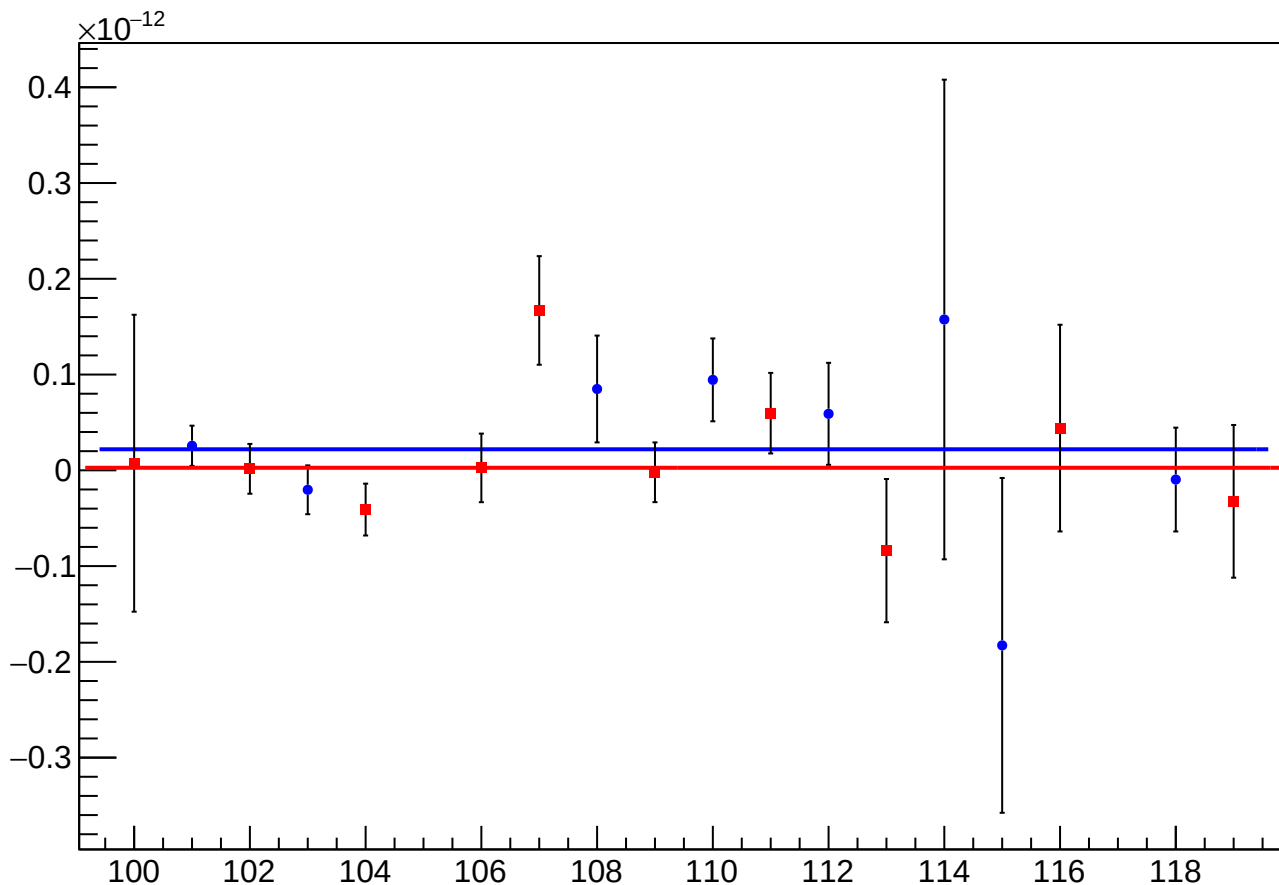
Right: 148.221+/-0.044 χ^2/NDF : 3277118.0/17

In: 157.998+/-0.069 χ^2/NDF : 1437656.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.221+/-0.044 χ^2/NDF : 3277118.0/17

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

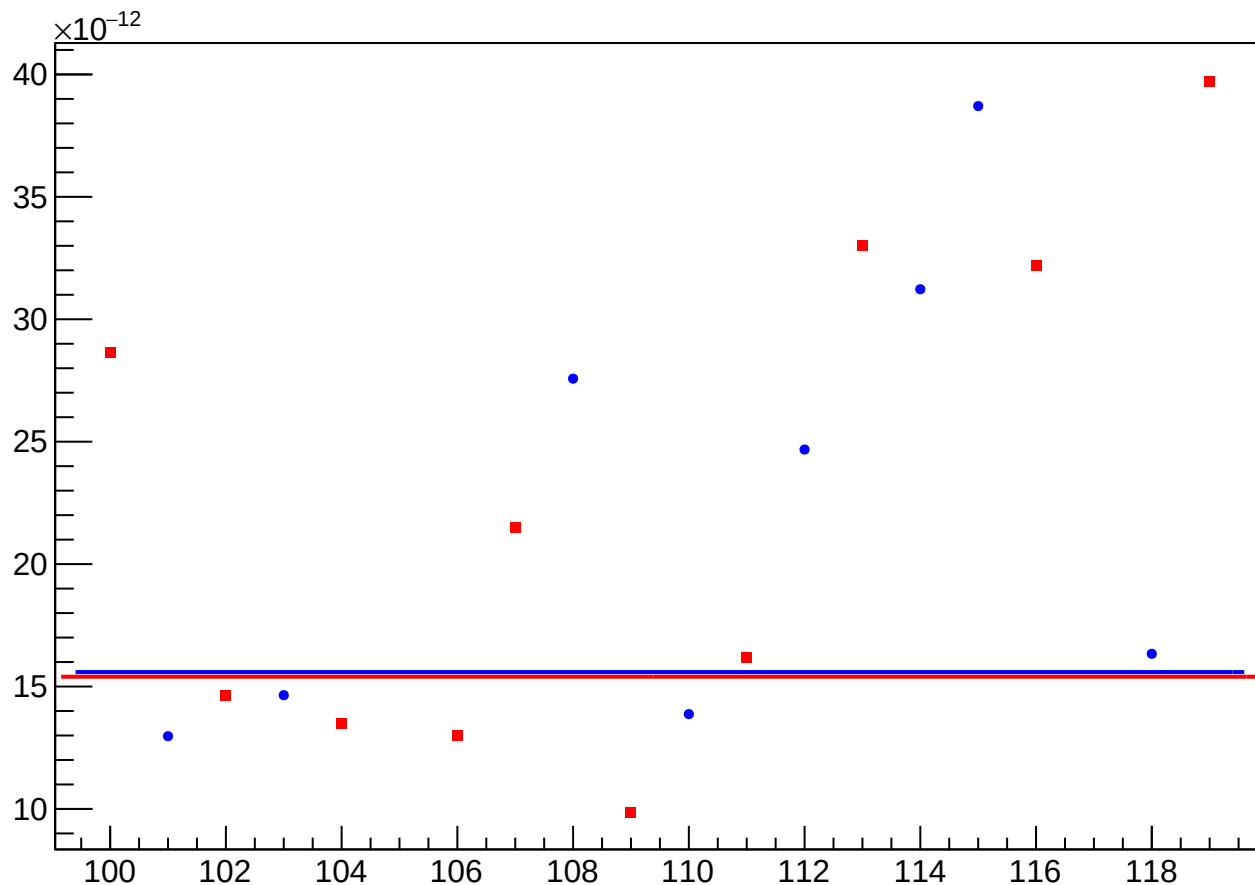
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/17

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 230815.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 467402.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

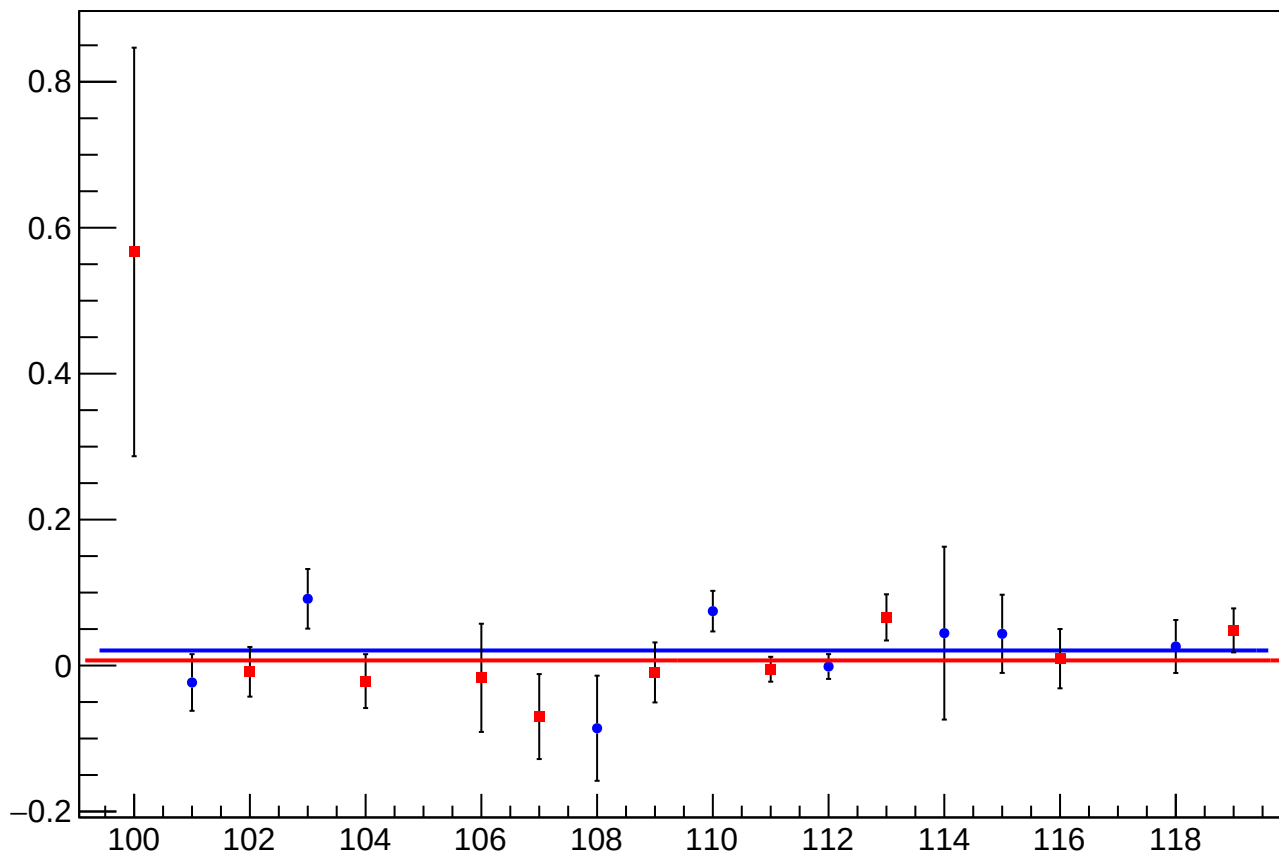
Right: 0.000+/-0.000 χ^2/NDF : 698423.6/17

In: 0.000+/-0.000 χ^2/NDF : 230815.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 698423.6/17

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

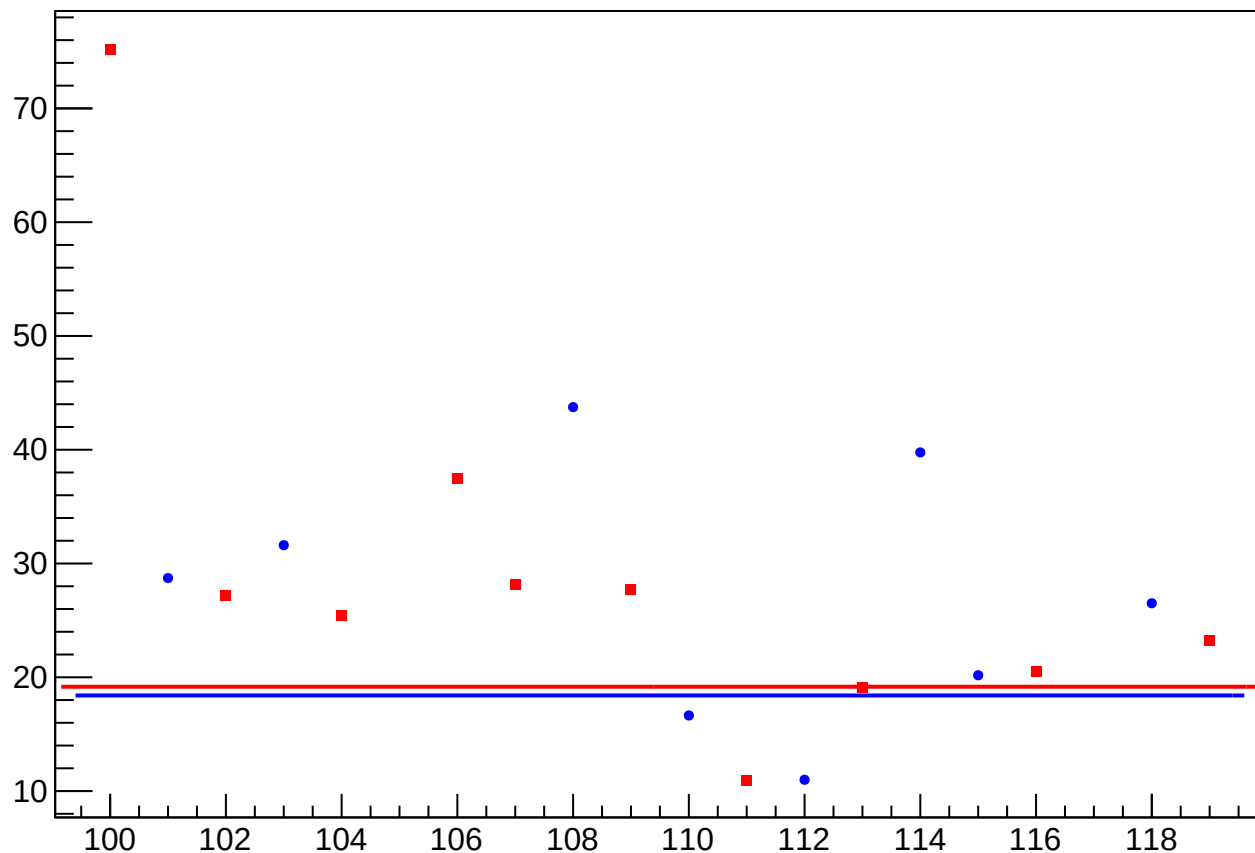
Right: 0.013+/-0.008 χ^2/NDF : 25.5/17

In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 25.5/17

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.401+/-0.008 χ^2/NDF : 1153518.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.170+/-0.008 χ^2/NDF : 1011754.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

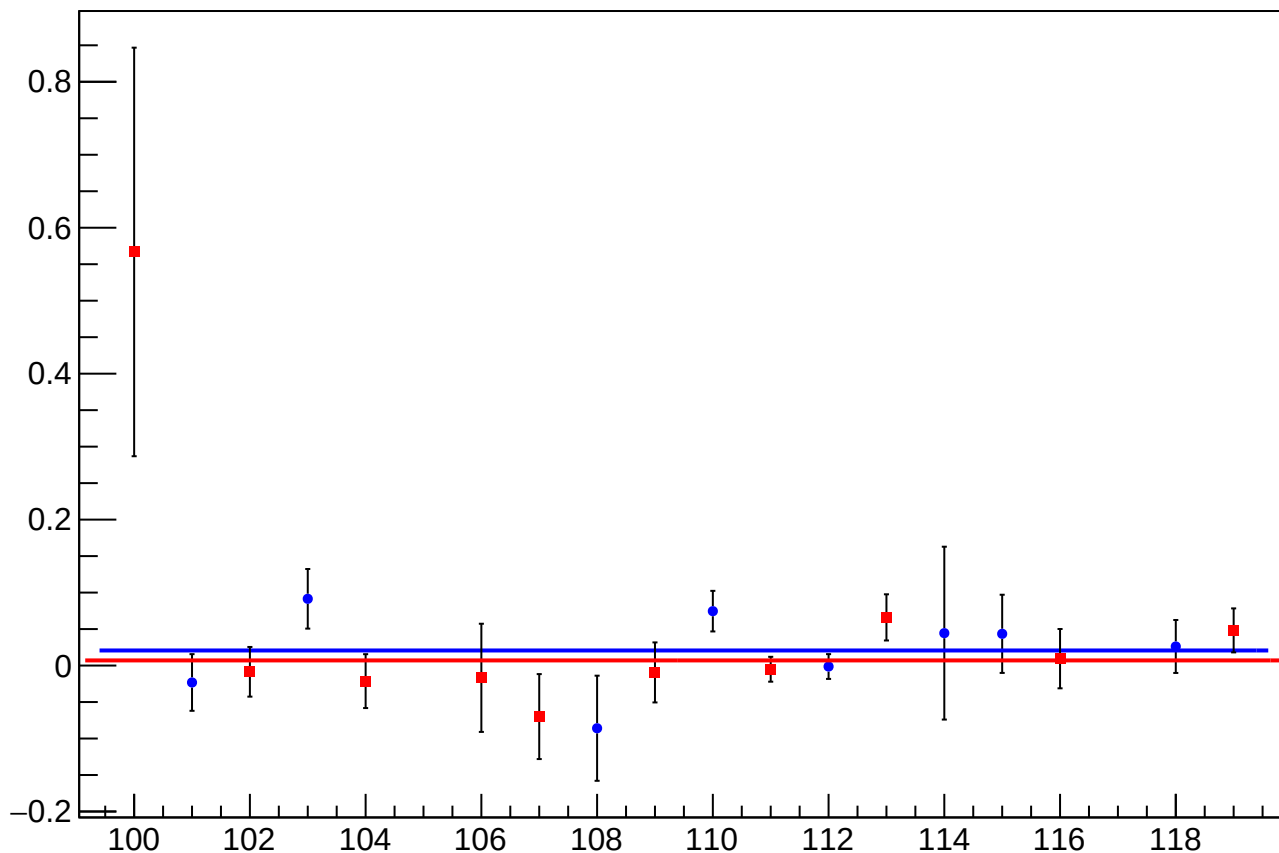
Right: 18.819+/-0.006 χ^2/NDF : 2170030.1/17

In: 18.401+/-0.008 χ^2/NDF : 1153518.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.819+/-0.006 χ^2/NDF : 2170030.1/17

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

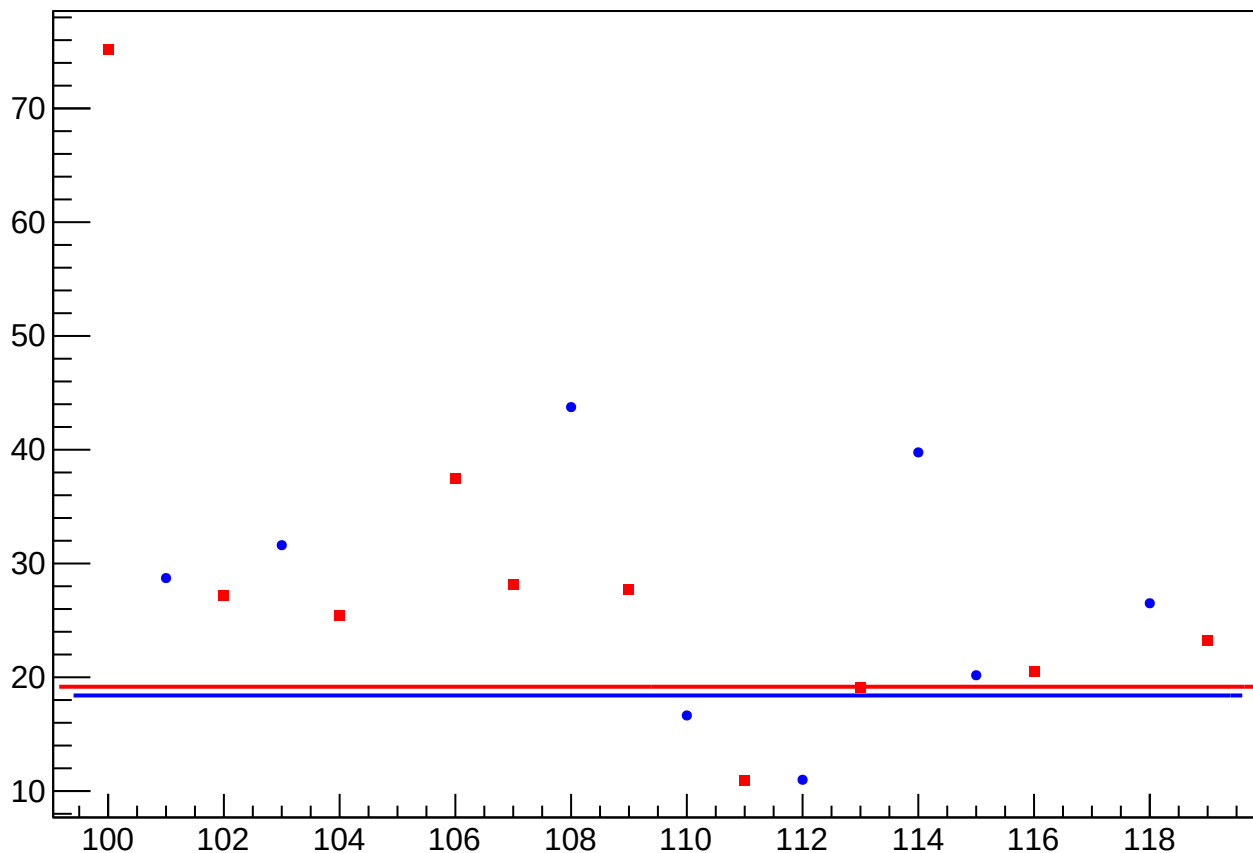
Right: 0.013+/-0.008 χ^2/NDF : 25.5/17

In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 25.5/17

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.401+/-0.008 χ^2/NDF : 1153518.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.170+/-0.008 χ^2/NDF : 1011754.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

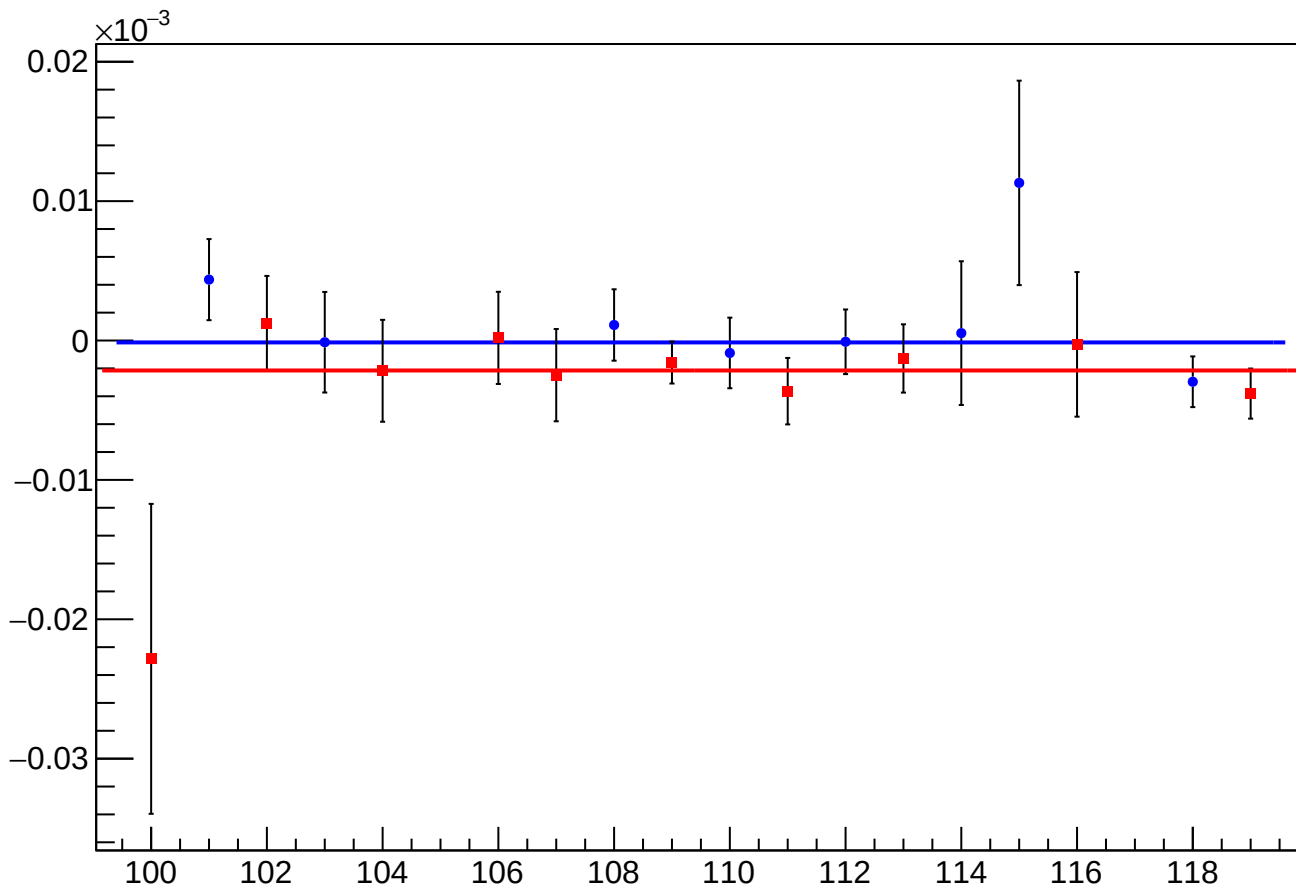
Right: 18.819+/-0.006 χ^2/NDF : 2170030.1/17

In: 18.401+/-0.008 χ^2/NDF : 1153518.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.819+/-0.006 χ^2/NDF : 2170030.1/17

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

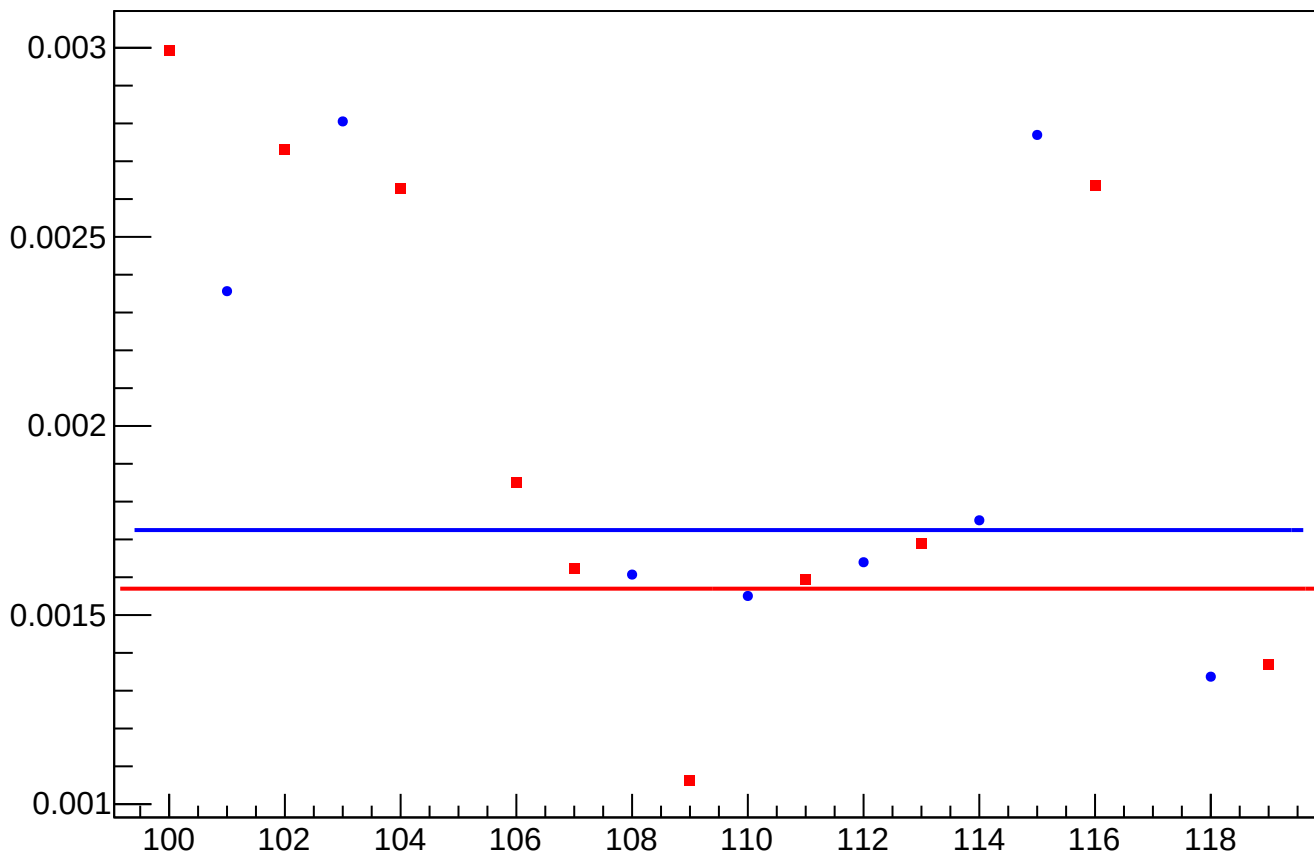
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/17

In: -0.000 $\pm$ 0.000 χ^2 /NDF:7.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/17

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 421583.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 790977.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

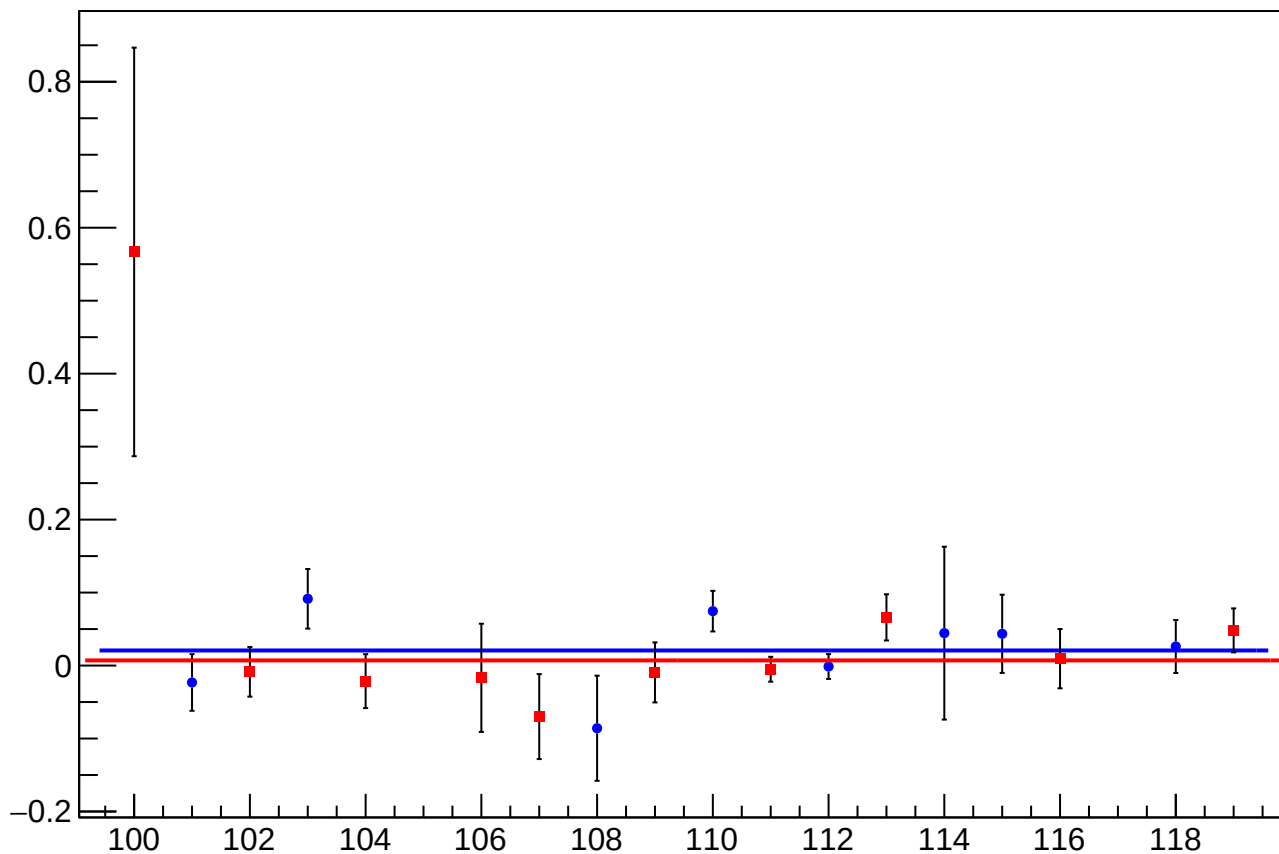
Right: 0.002+/-0.000 χ^2/NDF : 1242041.0/17

In: 0.002+/-0.000 χ^2/NDF :421583.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1242041.0/17

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

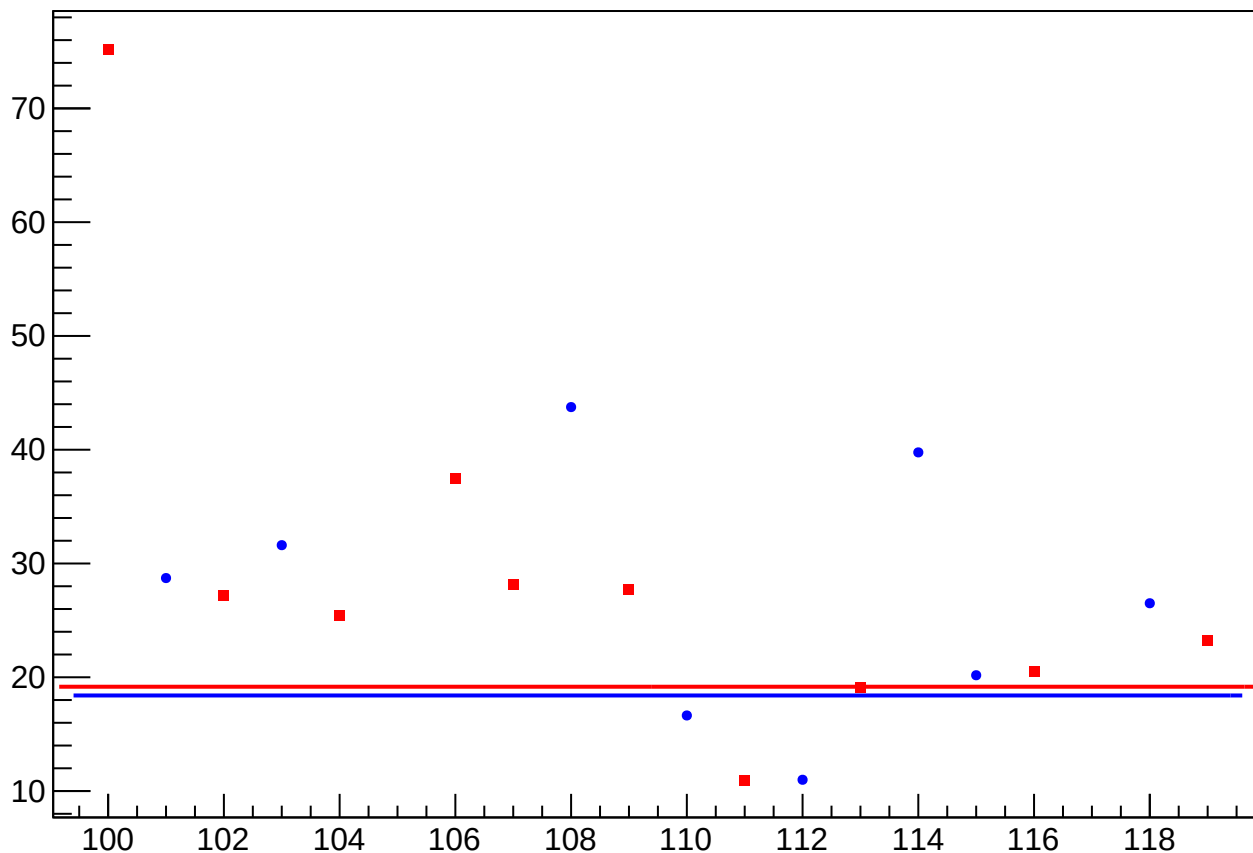
Right: 0.013+/-0.008 χ^2/NDF : 25.5/17

In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 25.5/17

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.400+/-0.008 χ^2/NDF : 1153634.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.169+/-0.008 χ^2/NDF : 1011881.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

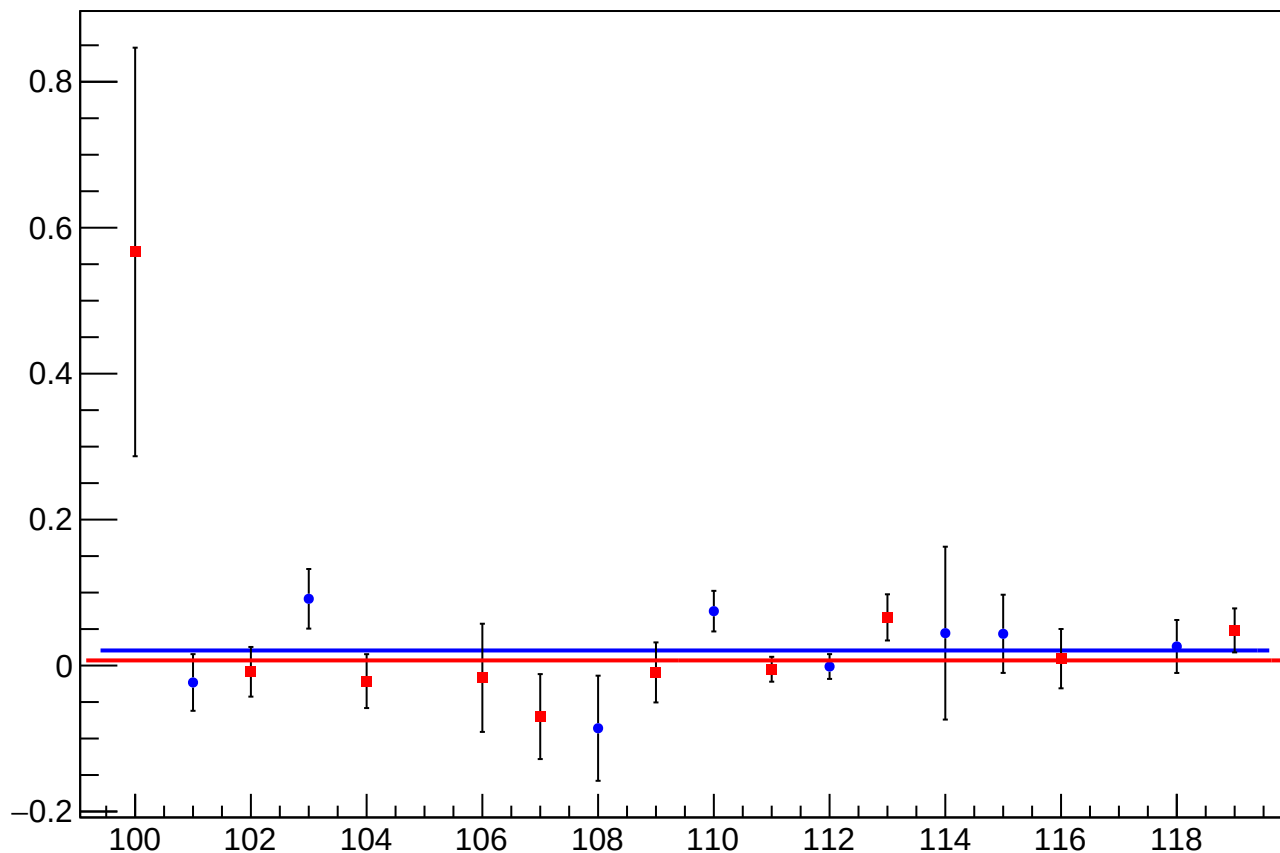
Right: 18.818+/-0.006 χ^2/NDF : 2170275.1/17

In: 18.400+/-0.008 χ^2/NDF : 1153634.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.818+/-0.006 χ^2/NDF : 2170275.1/17

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.011 χ^2/NDF : 12.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

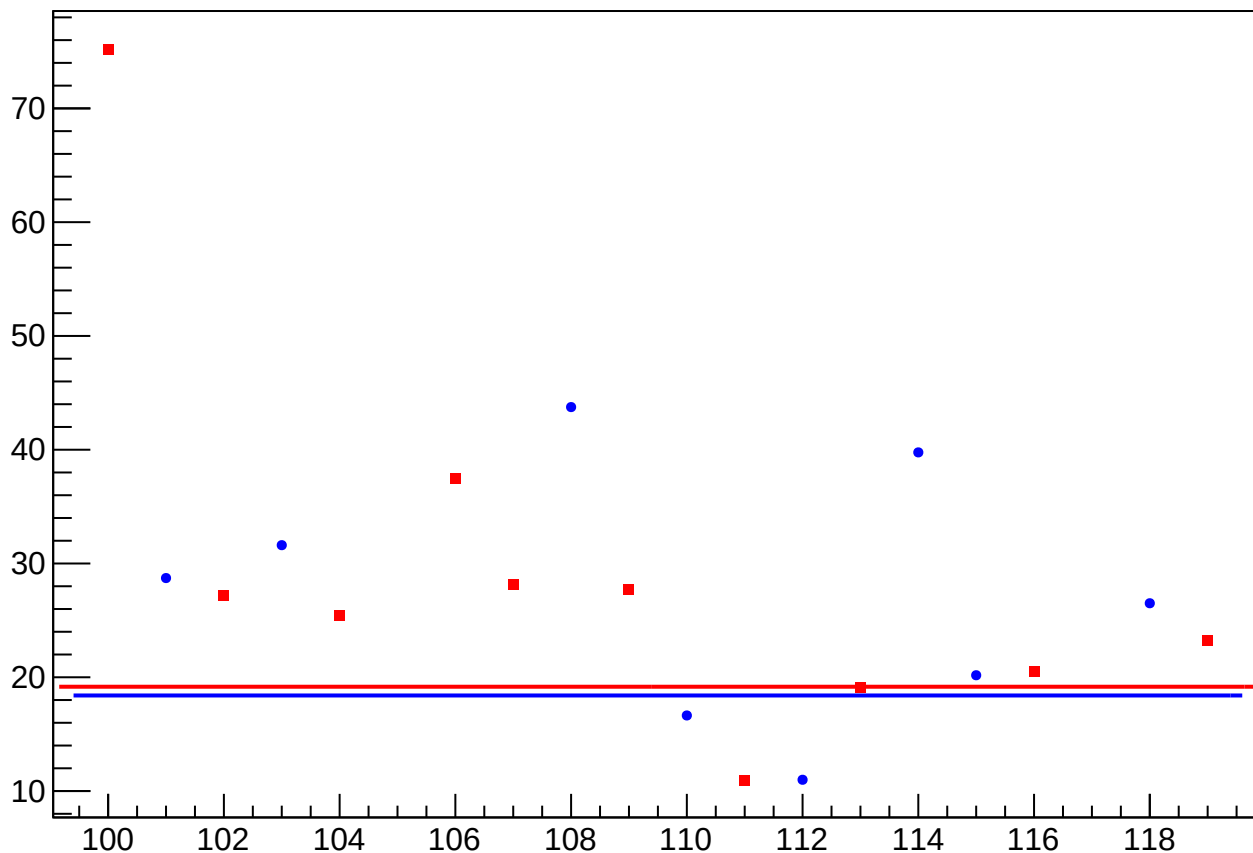
Right: 0.013+/-0.008 χ^2/NDF : 25.5/17

In: 0.021+/-0.012 χ^2/NDF : 12.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.008 χ^2/NDF : 25.5/17

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.400+/-0.008 χ^2/NDF : 1153634.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.169+/-0.008 χ^2/NDF : 1011881.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

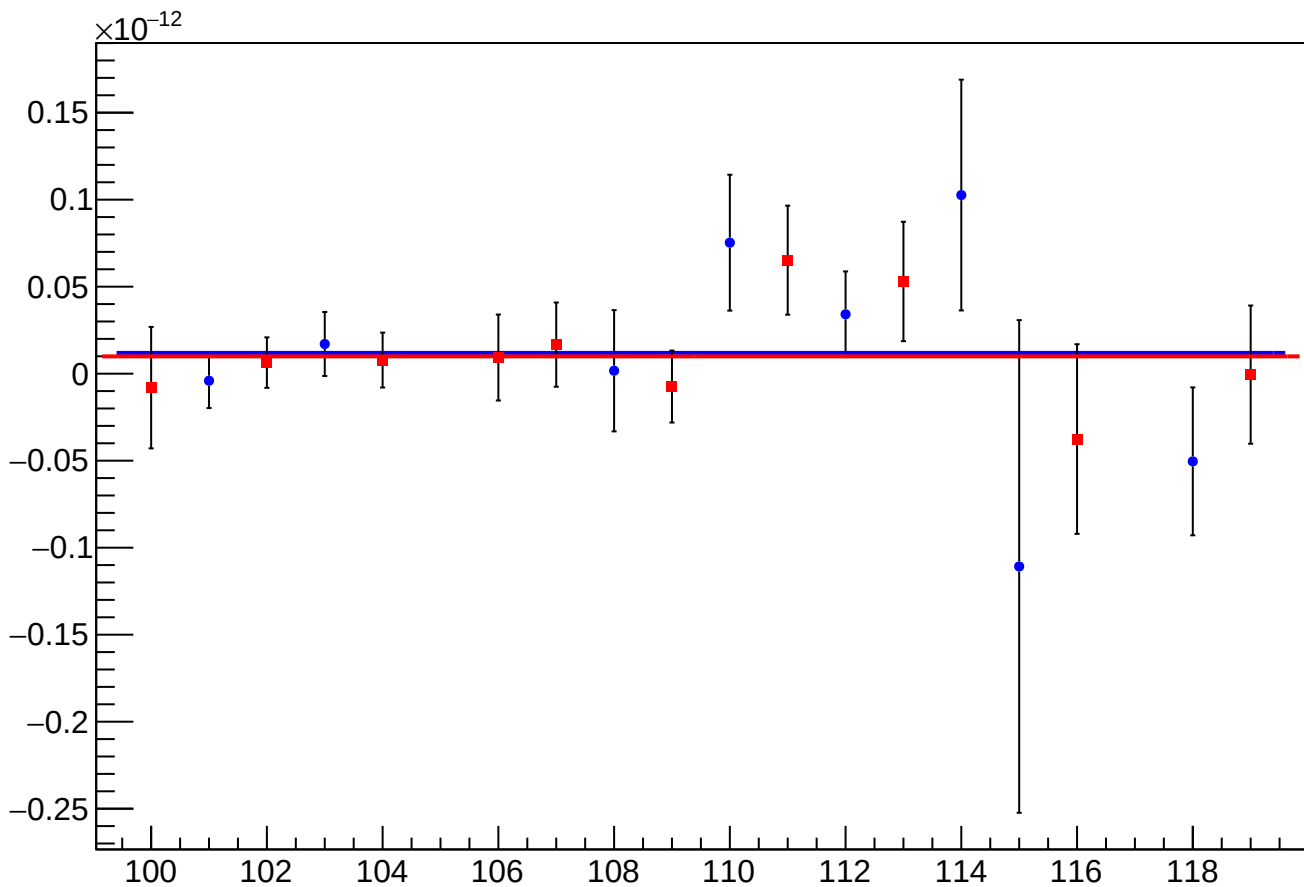
Right: 18.818+/-0.006 χ^2/NDF : 2170275.1/17

In: 18.400+/-0.008 χ^2/NDF : 1153634.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.818+/-0.006 χ^2/NDF : 2170275.1/17

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

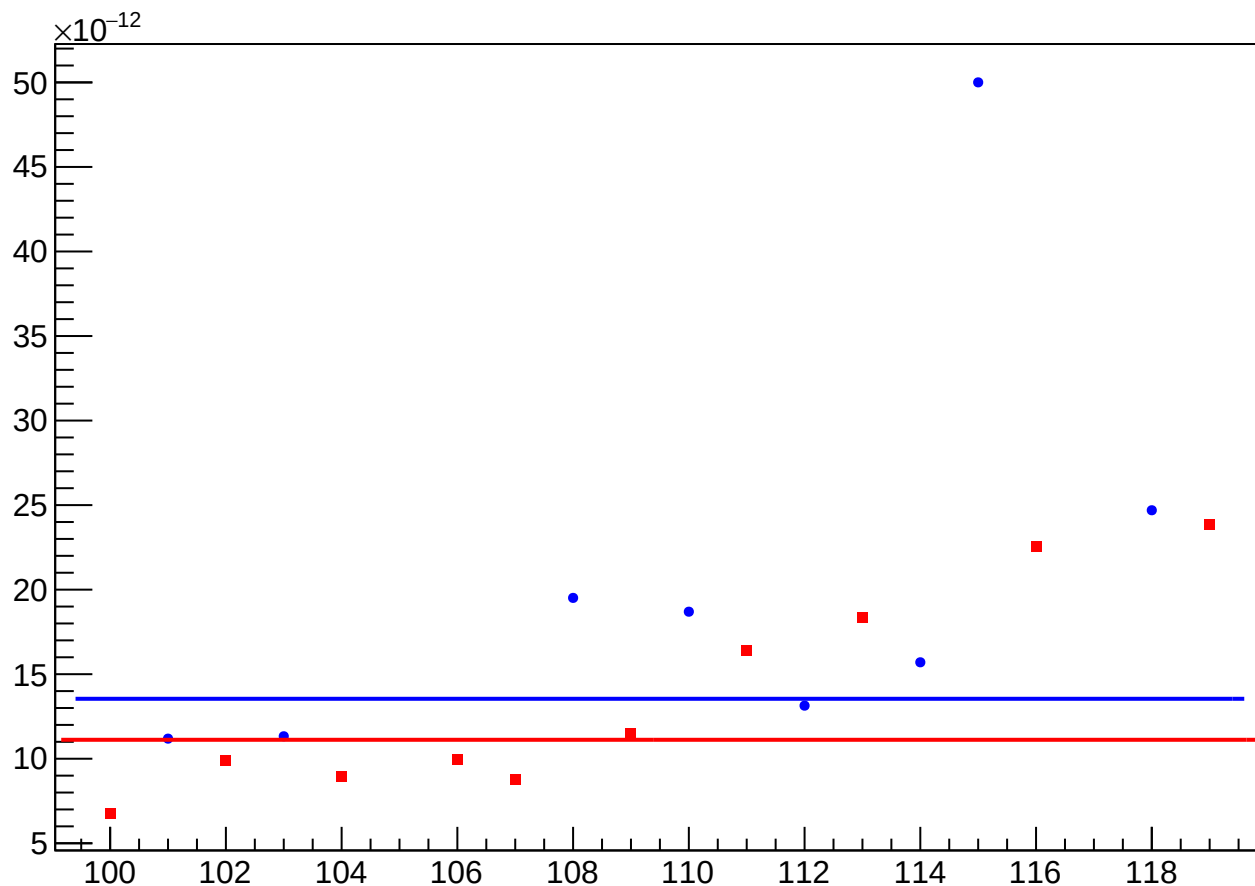
Right: 0.000+/-0.000 χ^2/NDF : 16.1/17

In: 0.000+/-0.000 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.1/17

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 440557.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 547330.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

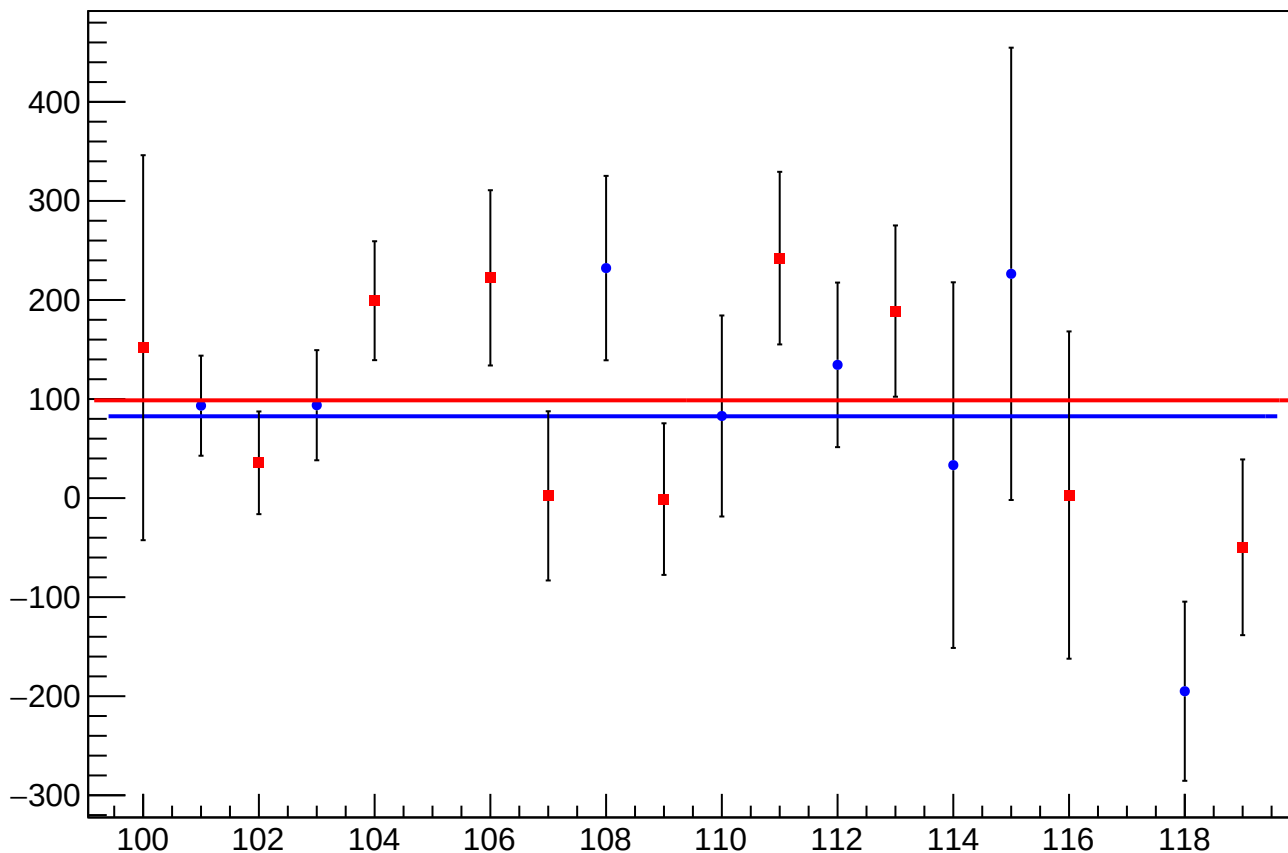
Right: 0.000+/-0.000 χ^2/NDF : 1068250.2/17

In: 0.000+/-0.000 χ^2/NDF : 440557.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1068250.2/17

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 82.589+/-28.356 χ^2/NDF : 12.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.701+/-25.474 χ^2/NDF : 16.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

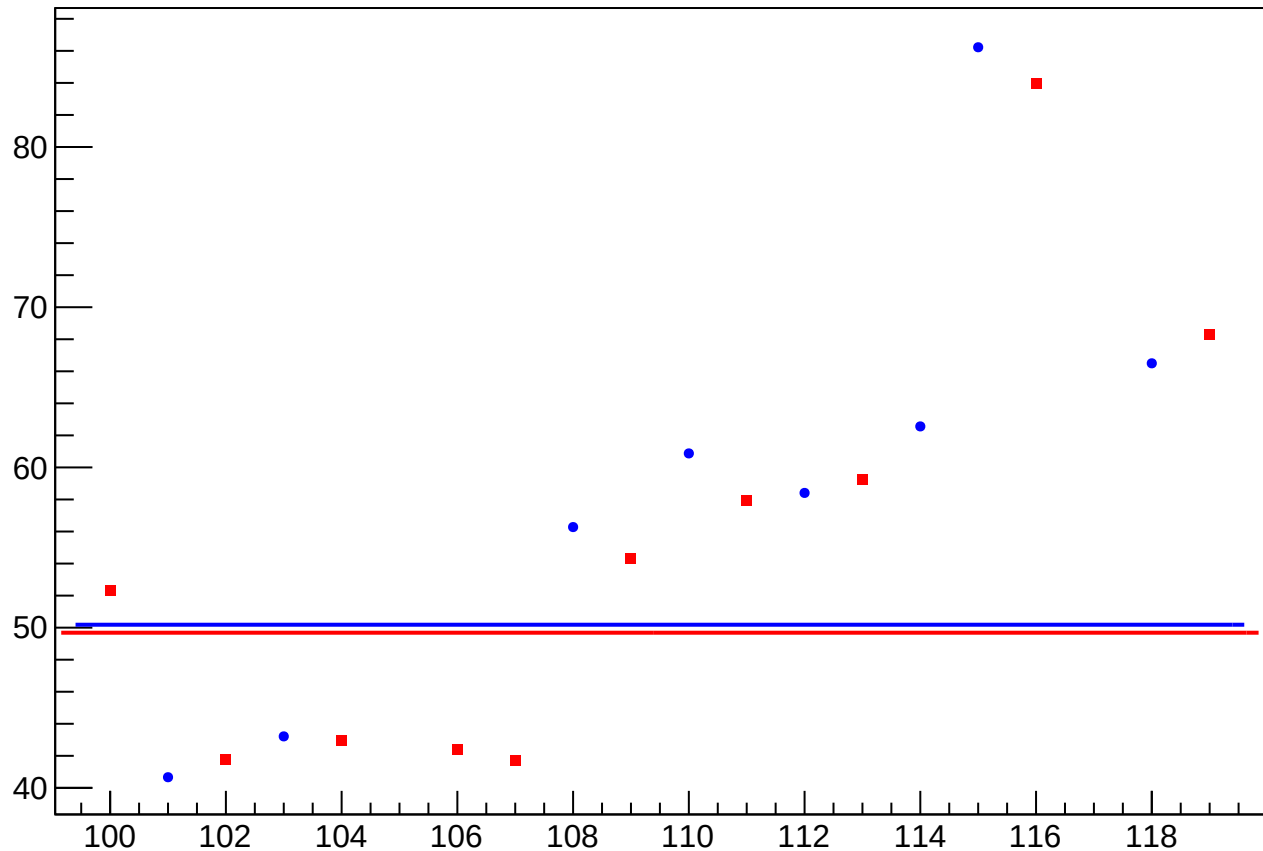
Right: 91.505+/-18.950 χ^2/NDF : 29.4/17

In: 82.589+/-28.356 χ^2/NDF : 12.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.505+/-18.950 χ^2/NDF : 29.4/17

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 50.183+/-0.020 χ^2/NDF : 276772.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.684+/-0.018 χ^2/NDF : 327062.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

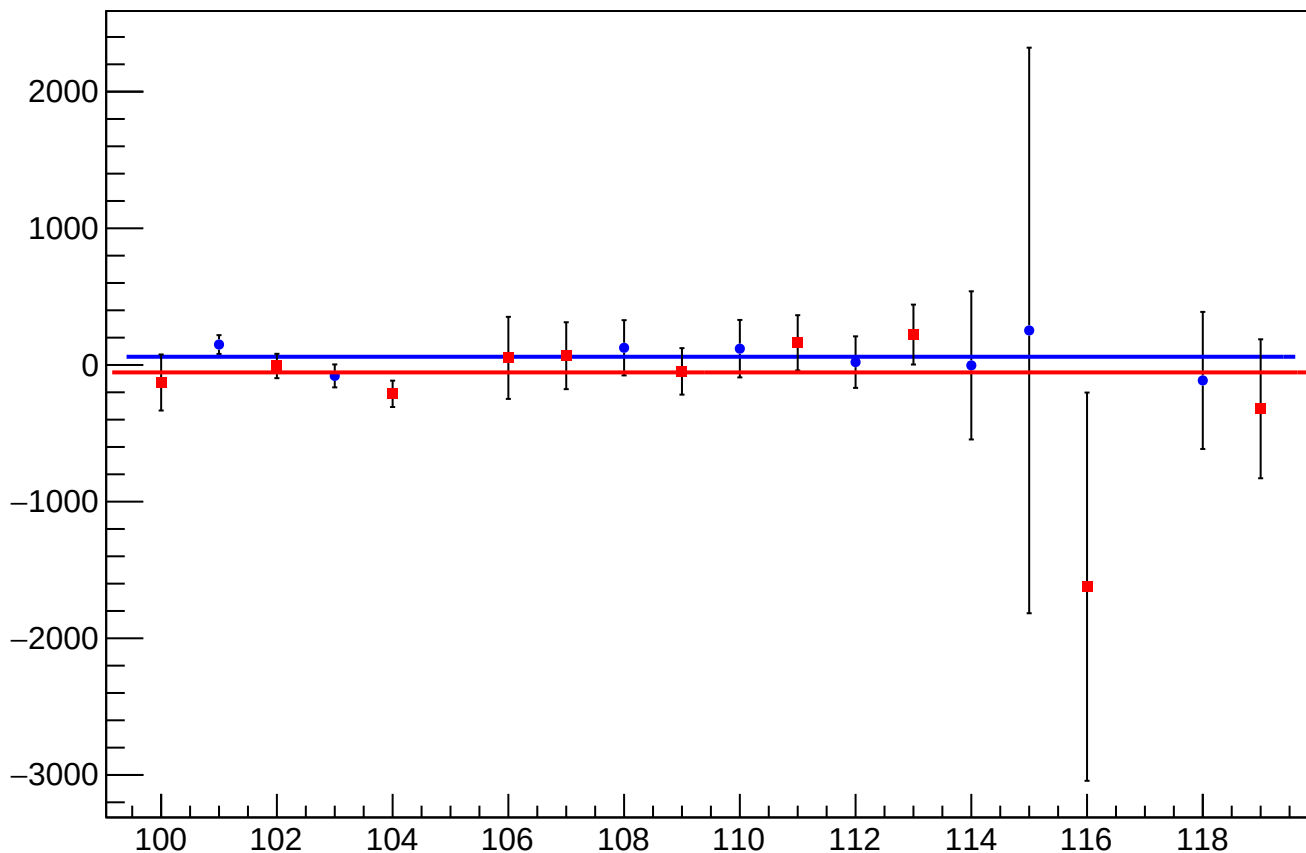
Right: 49.907+/-0.013 χ^2/NDF : 604176.9/17

In: 50.183+/-0.020 χ^2/NDF : 276772.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.907+/-0.013 χ^2/NDF : 604176.9/17

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 60.130+/-47.894 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -54.357+/-52.024 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

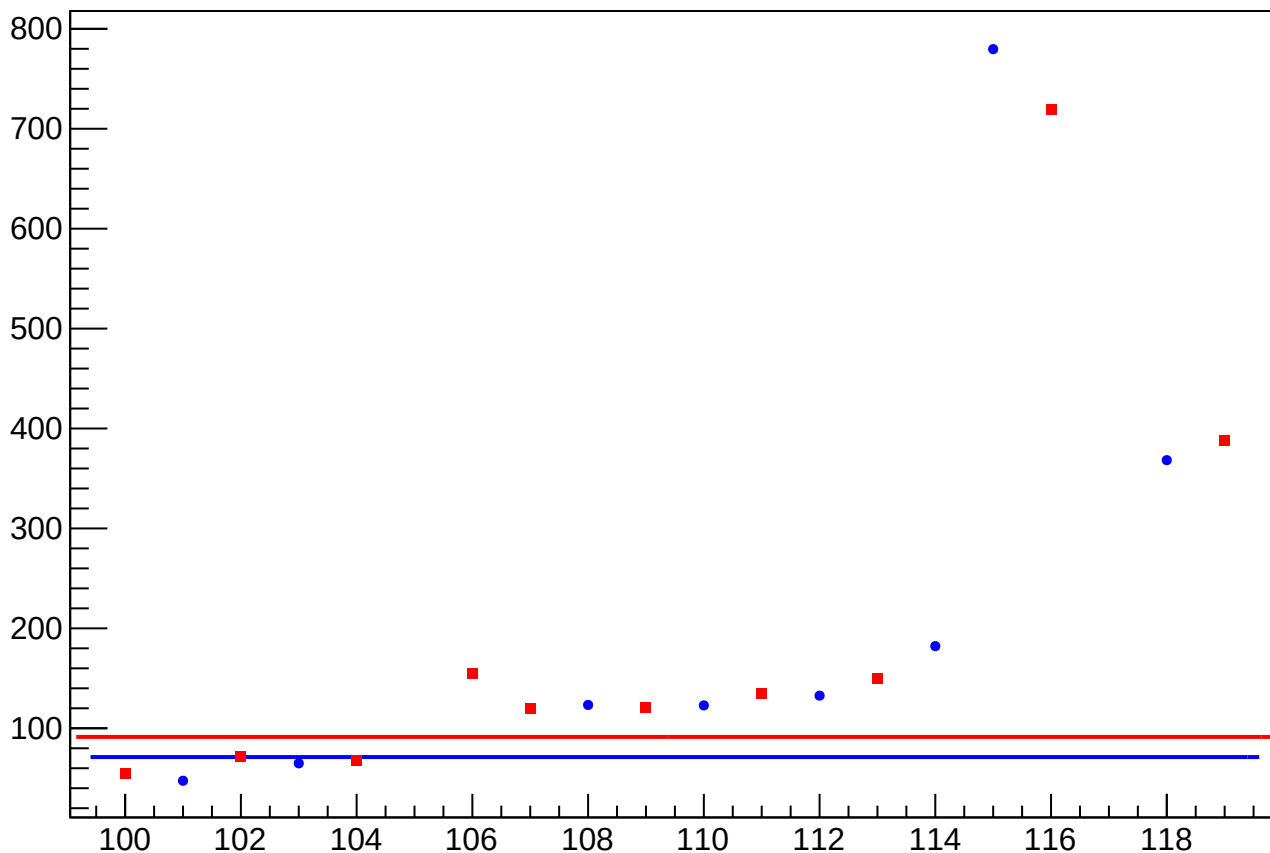
Right: 7.612+/-35.236 χ^2/NDF : 15.1/17

In: 60.130+/-47.894 χ^2/NDF :4.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.612+/-35.236 χ^2/NDF : 15.1/17

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 71.186+/-0.034 χ^2/NDF : 1736048.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.350+/-0.037 χ^2/NDF : 1773327.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

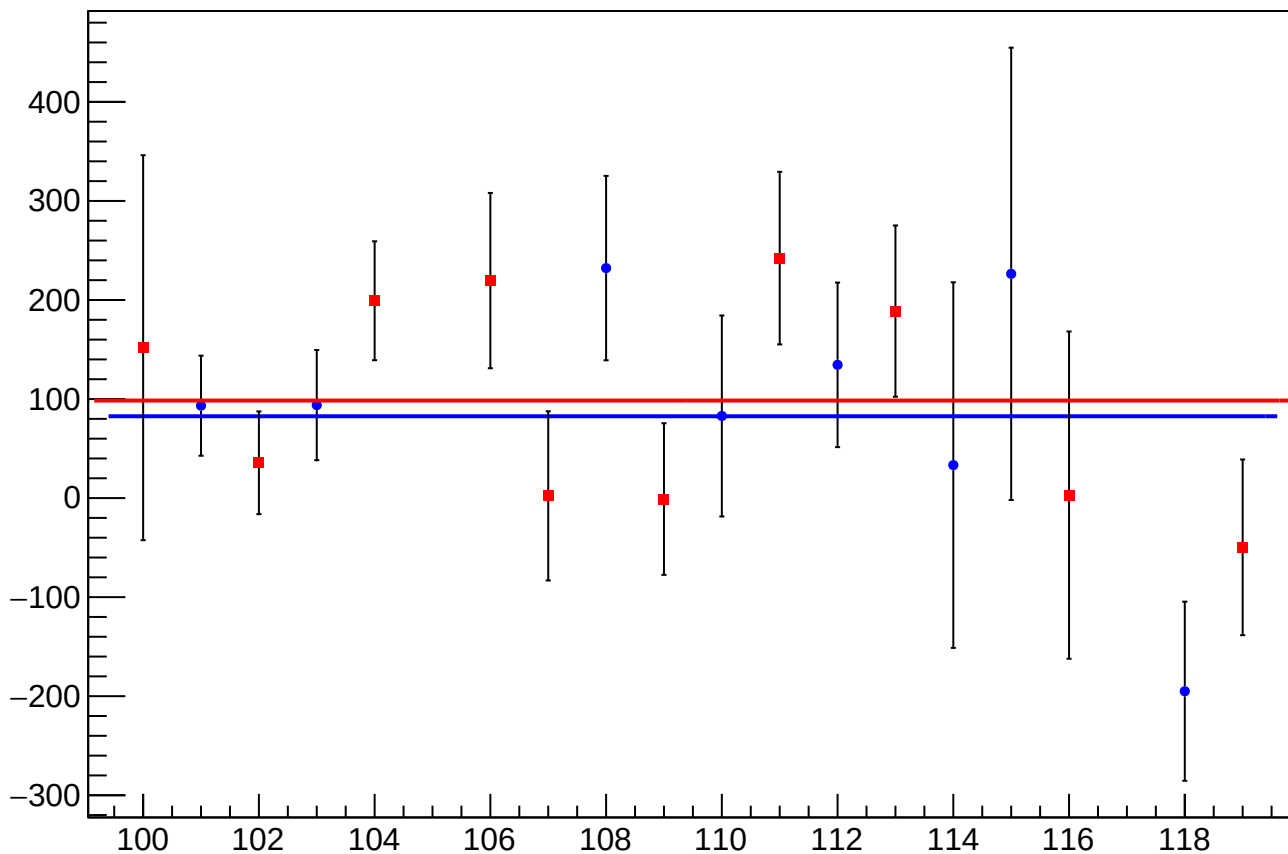
Right: 80.436+/-0.025 χ^2/NDF : 3671991.0/17

In: 71.186+/-0.034 χ^2/NDF : 1736048.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.436+/-0.025 χ^2/NDF : 3671991.0/17

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 82.612 $\pm$ 28.356 χ^2 /NDF: 13.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.477 $\pm$ 25.476 χ^2 /NDF: 16.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

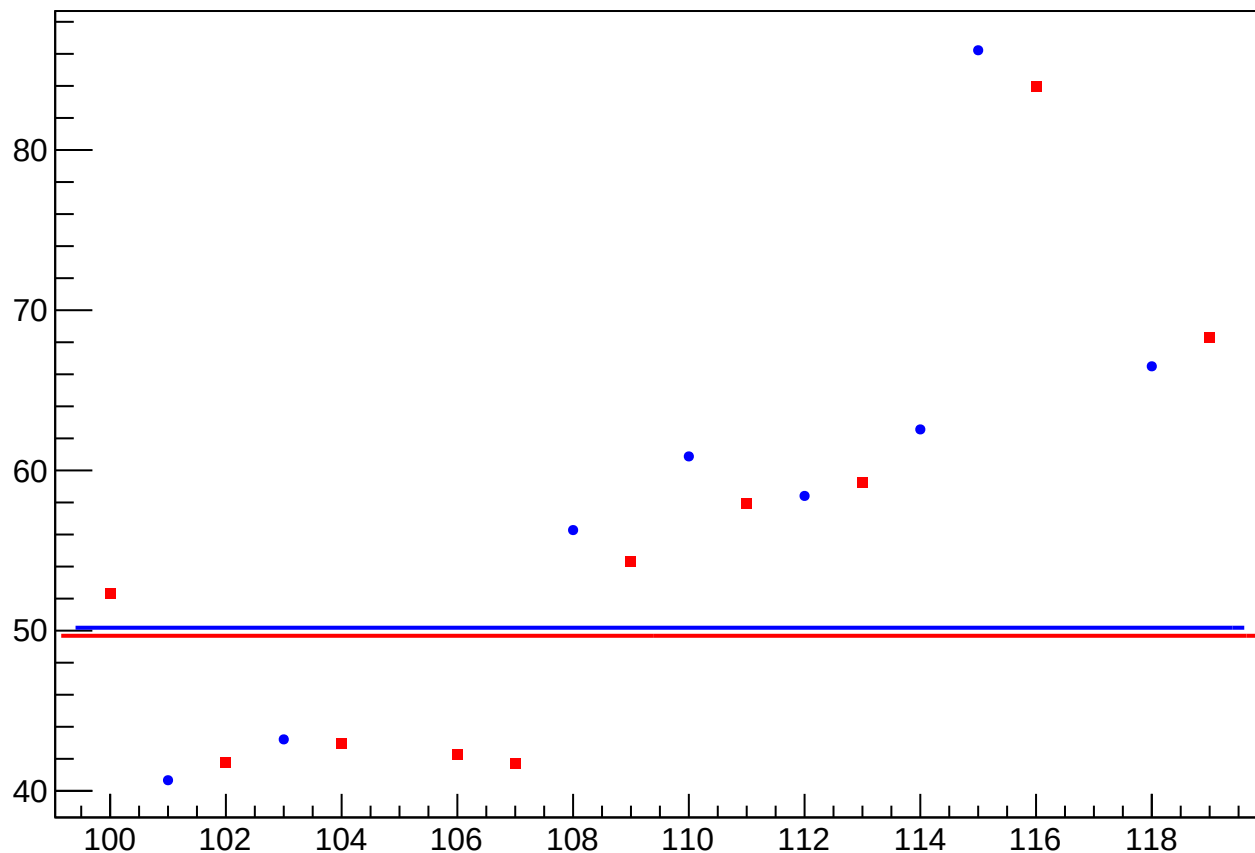
Right: 91.391 $\pm$ 18.951 χ^2 /NDF: 29.3/17

In: 82.612 $\pm$ 28.356 χ^2 /NDF:13.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.391 $\pm$ 18.951 χ^2 /NDF: 29.3/17

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 50.183+/-0.020 χ^2/NDF : 276771.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.680+/-0.018 χ^2/NDF : 327289.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

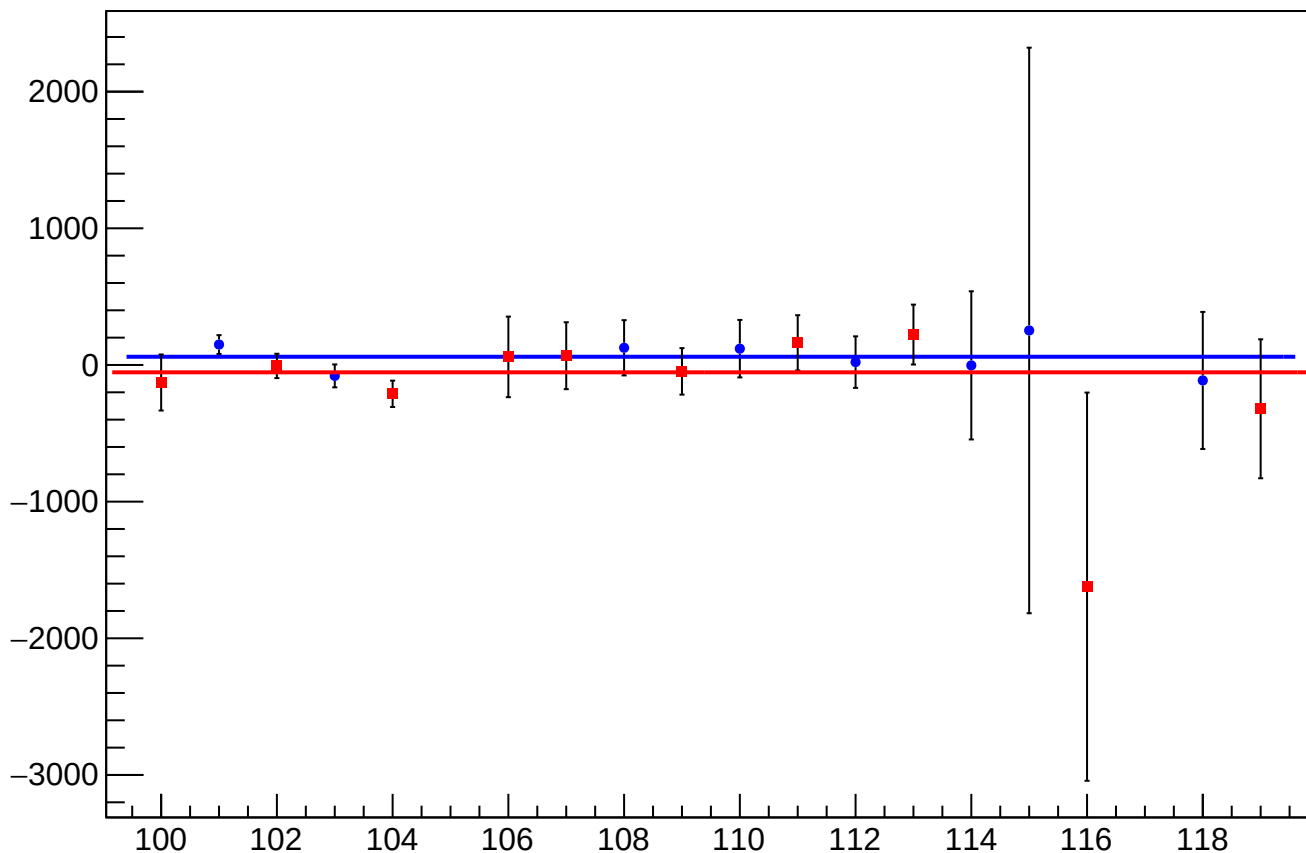
Right: 49.904+/-0.013 χ^2/NDF : 604409.7/17

In: 50.183+/-0.020 χ^2/NDF : 276771.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.904+/-0.013 χ^2/NDF : 604409.7/17

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.134+/-47.892 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.834+/-51.977 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

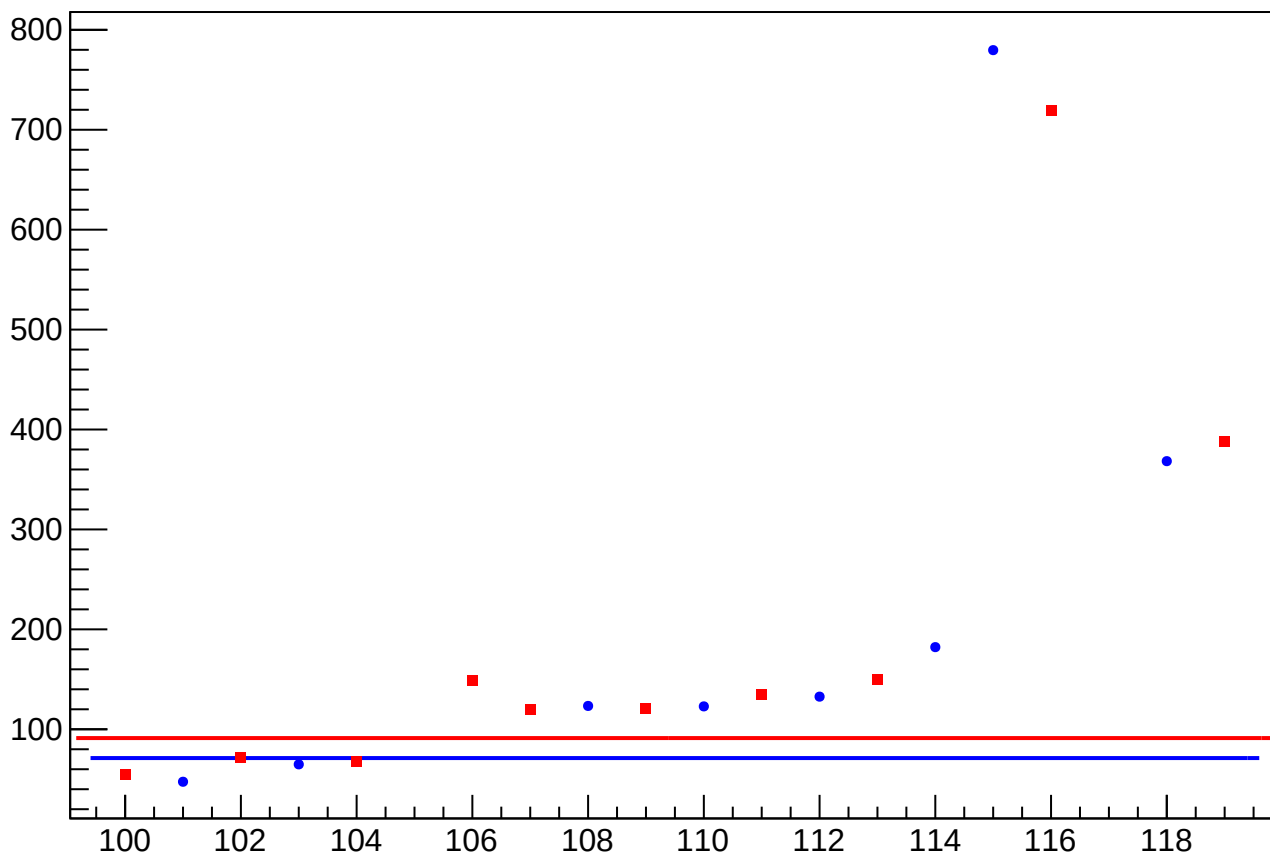
Right: 7.804+/-35.221 χ^2/NDF : 15.1/17

In: 60.134+/-47.892 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.804+/-35.221 χ^2/NDF : 15.1/17

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 71.184+/-0.034 χ^2/NDF : 1736060.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.190+/-0.037 χ^2/NDF : 1760927.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

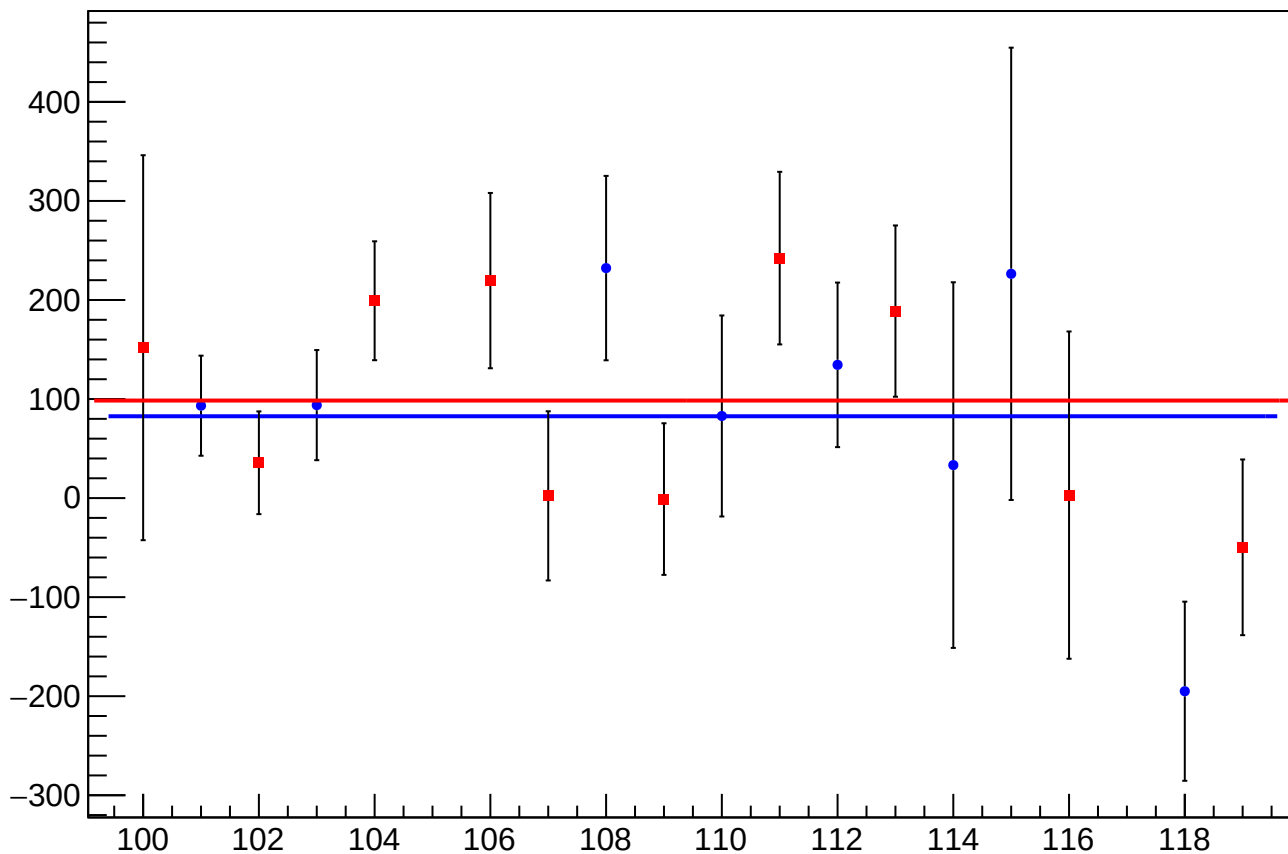
Right: 80.370+/-0.025 χ^2/NDF : 3657222.8/17

In: 71.184+/-0.034 χ^2/NDF : 1736060.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.370+/-0.025 χ^2/NDF : 3657222.8/17

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 82.612+/-28.356 χ^2/NDF : 13.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.477+/-25.476 χ^2/NDF : 16.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

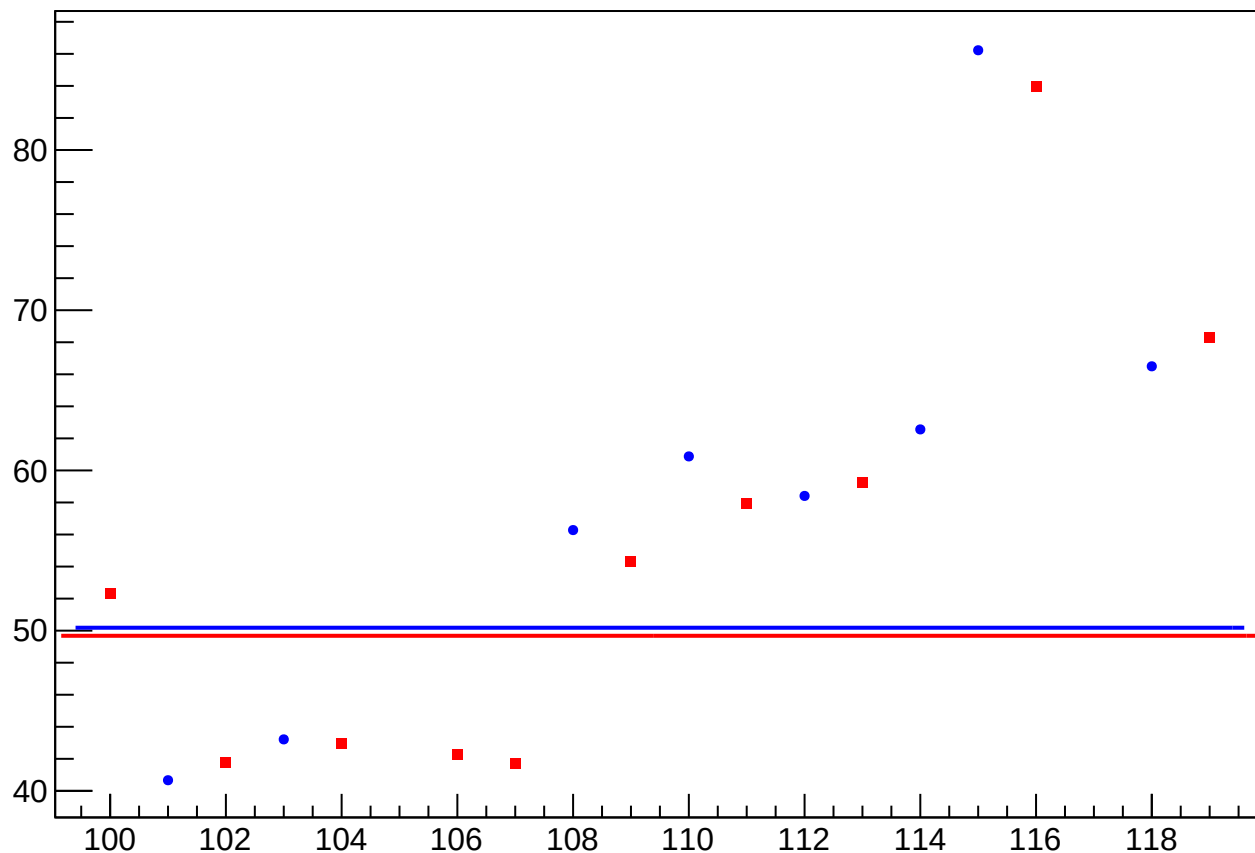
Right: 91.391+/-18.951 χ^2/NDF : 29.3/17

In: 82.612+/-28.356 χ^2/NDF : 13.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.391+/-18.951 χ^2/NDF : 29.3/17

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 50.183+/-0.020 χ^2/NDF : 276771.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.680+/-0.018 χ^2/NDF : 327289.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

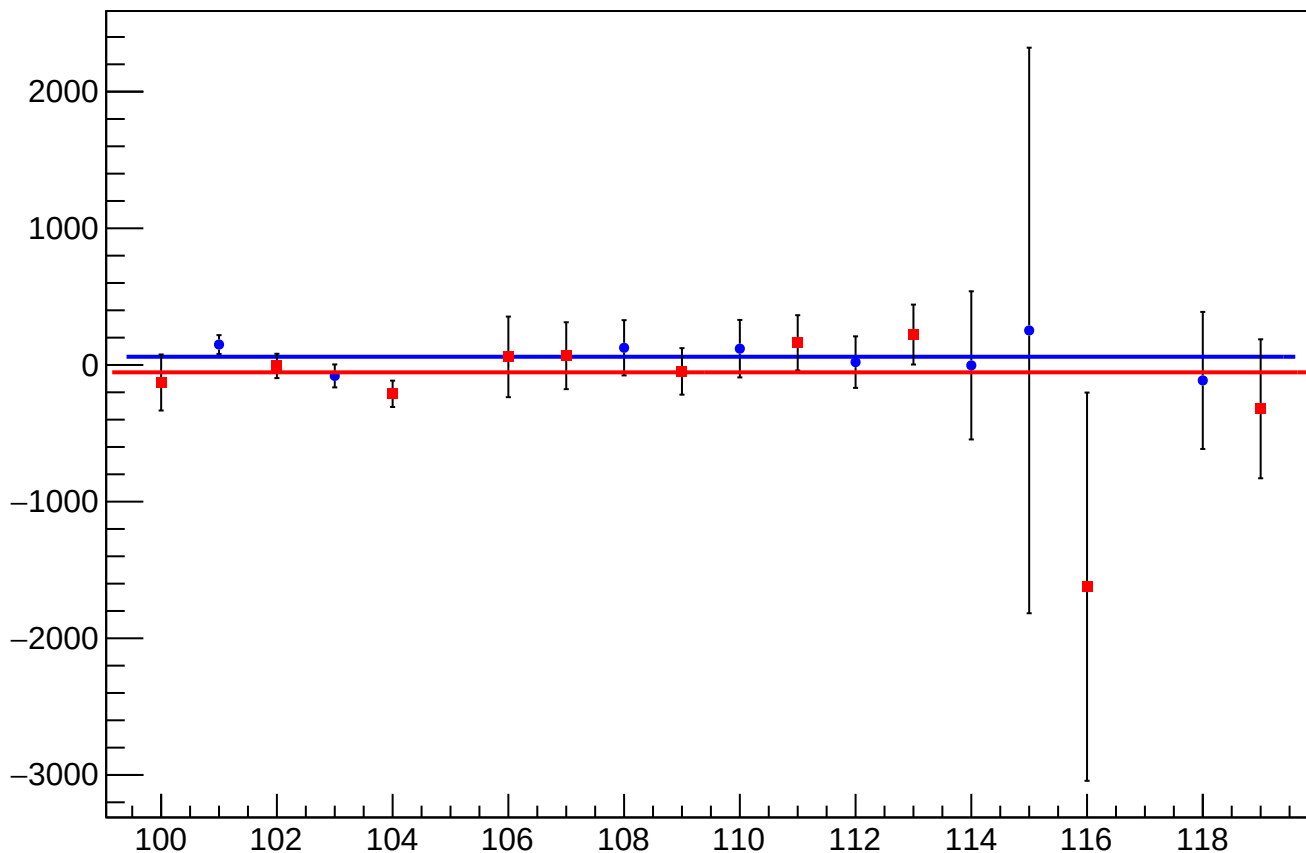
Right: 49.904+/-0.013 χ^2/NDF : 604409.7/17

In: 50.183+/-0.020 χ^2/NDF : 276771.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.904+/-0.013 χ^2/NDF : 604409.7/17

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 60.134+/-47.892 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.834+/-51.977 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

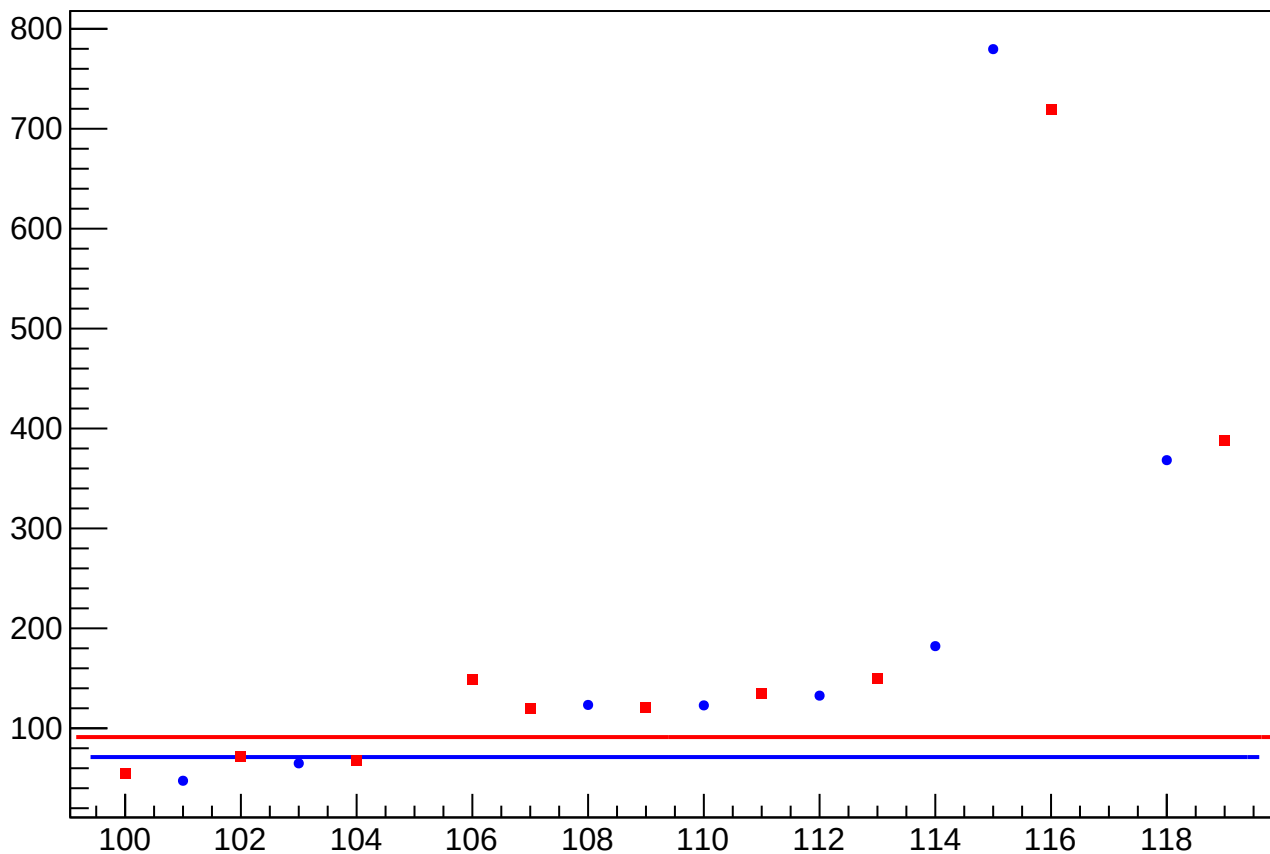
Right: 7.804+/-35.221 χ^2/NDF : 15.1/17

In: 60.134+/-47.892 χ^2/NDF : 4.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.804+/-35.221 χ^2/NDF : 15.1/17

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 71.184+/-0.034 χ^2/NDF : 1736060.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.190+/-0.037 χ^2/NDF : 1760927.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

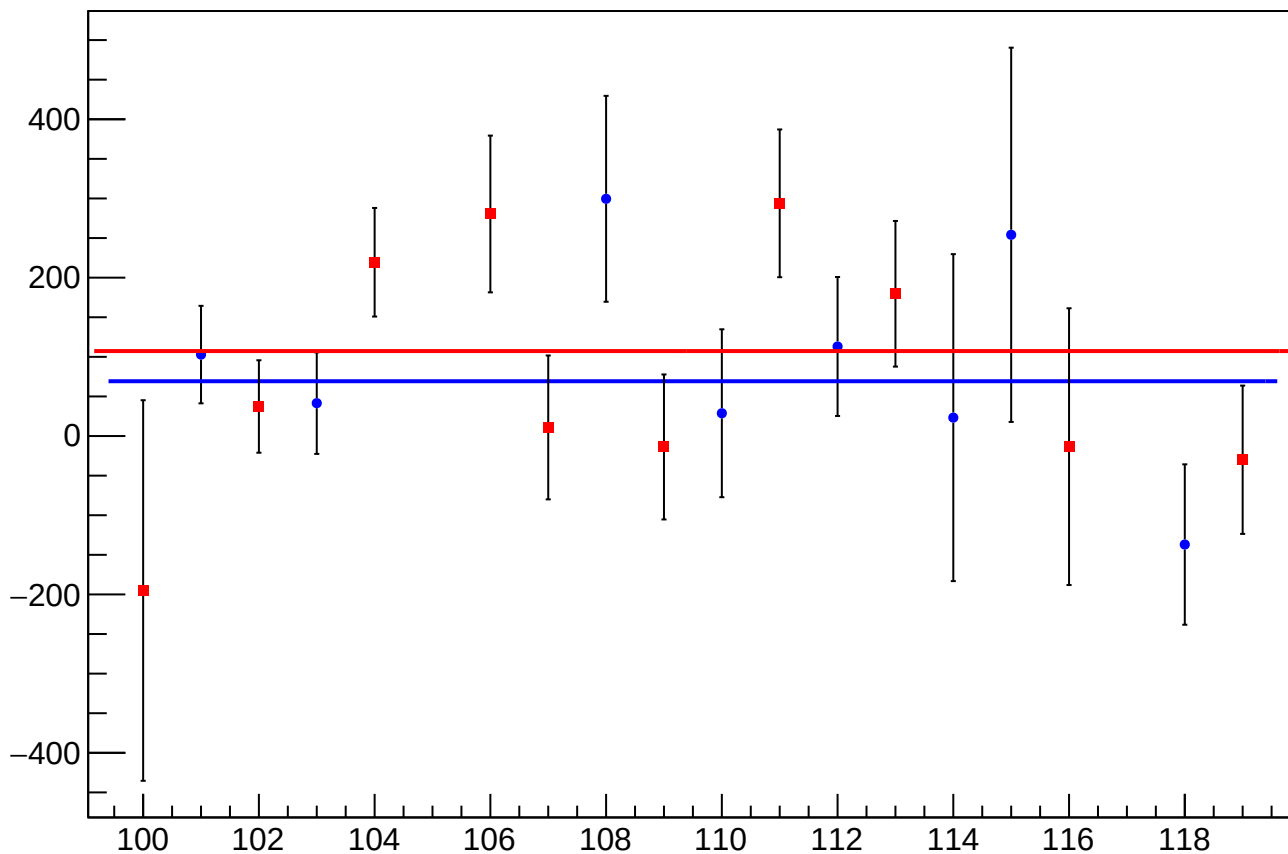
Right: 80.370+/-0.025 χ^2/NDF : 3657222.8/17

In: 71.184+/-0.034 χ^2/NDF : 1736060.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.370+/-0.025 χ^2/NDF : 3657222.8/17

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 69.211+/-32.895 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.298+/-28.331 χ^2/NDF : 18.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

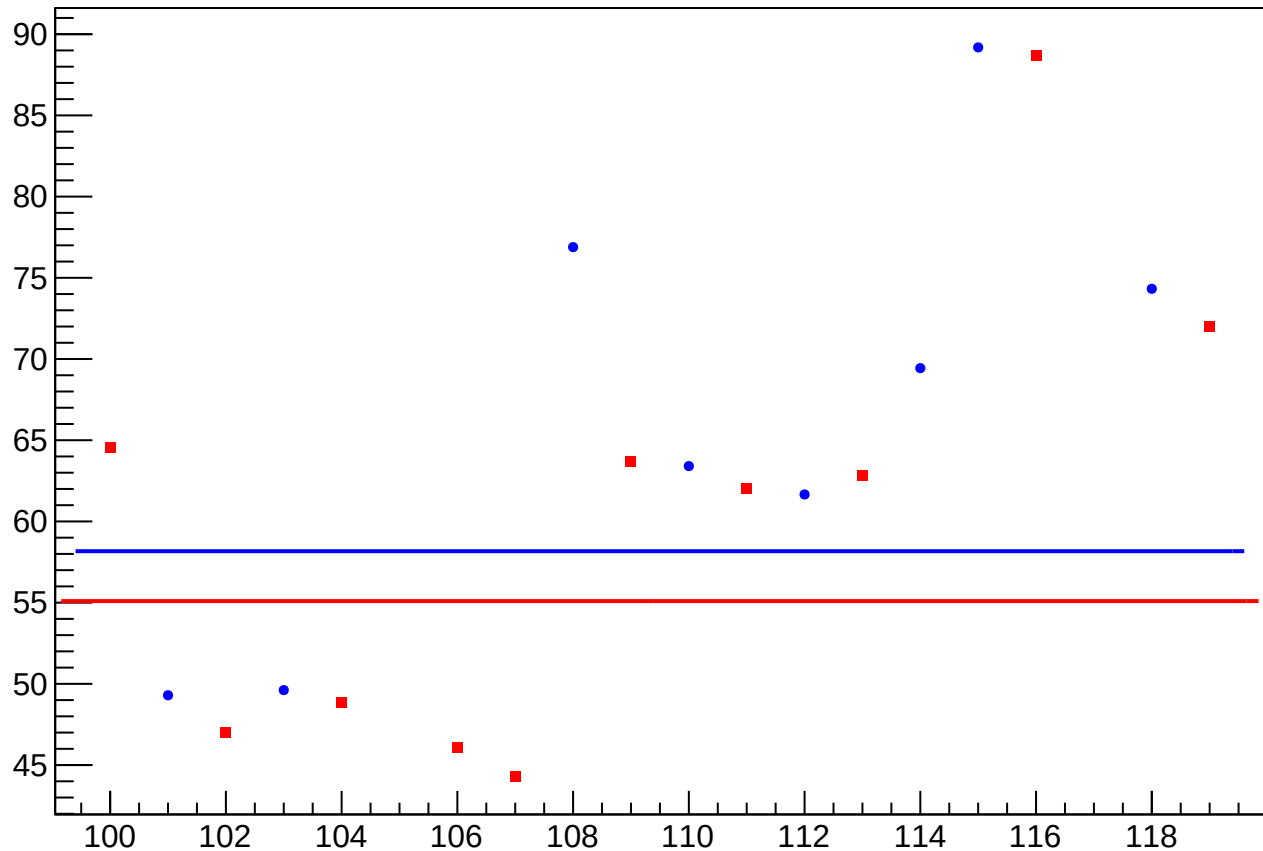
Right: 91.078+/-21.467 χ^2/NDF : 28.5/17

In: 69.211+/-32.895 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.078+/-21.467 χ^2/NDF : 28.5/17

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 58.168 $\pm$ 0.023 χ^2 /NDF: 217984.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.096 $\pm$ 0.020 χ^2 /NDF: 285349.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

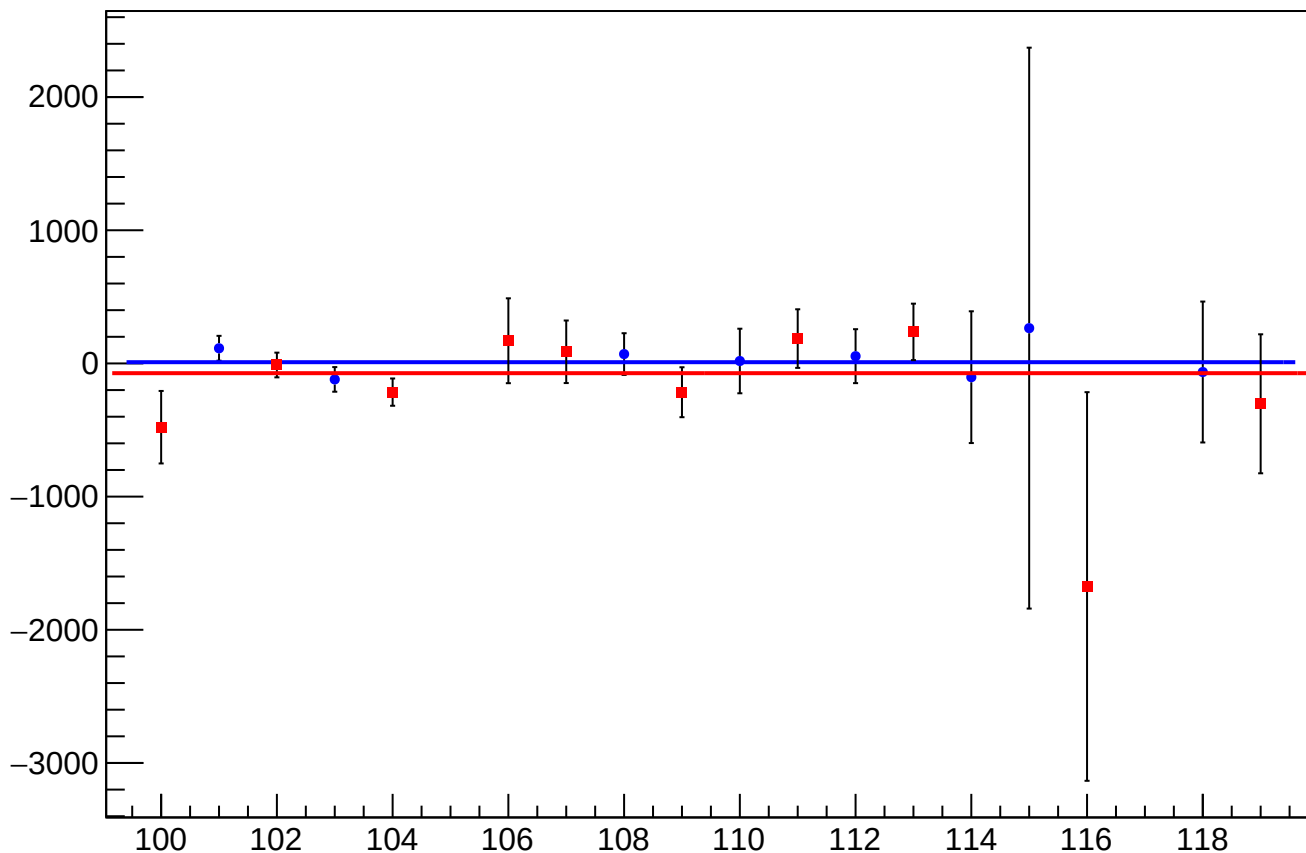
Right: 56.404 $\pm$ 0.015 χ^2 /NDF: 513348.8/17

In: 58.168 $\pm$ 0.023 χ^2 /NDF:217984.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 56.404 $\pm$ 0.015 χ^2 /NDF: 513348.8/17

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.327+/-55.730 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.172+/-55.178 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

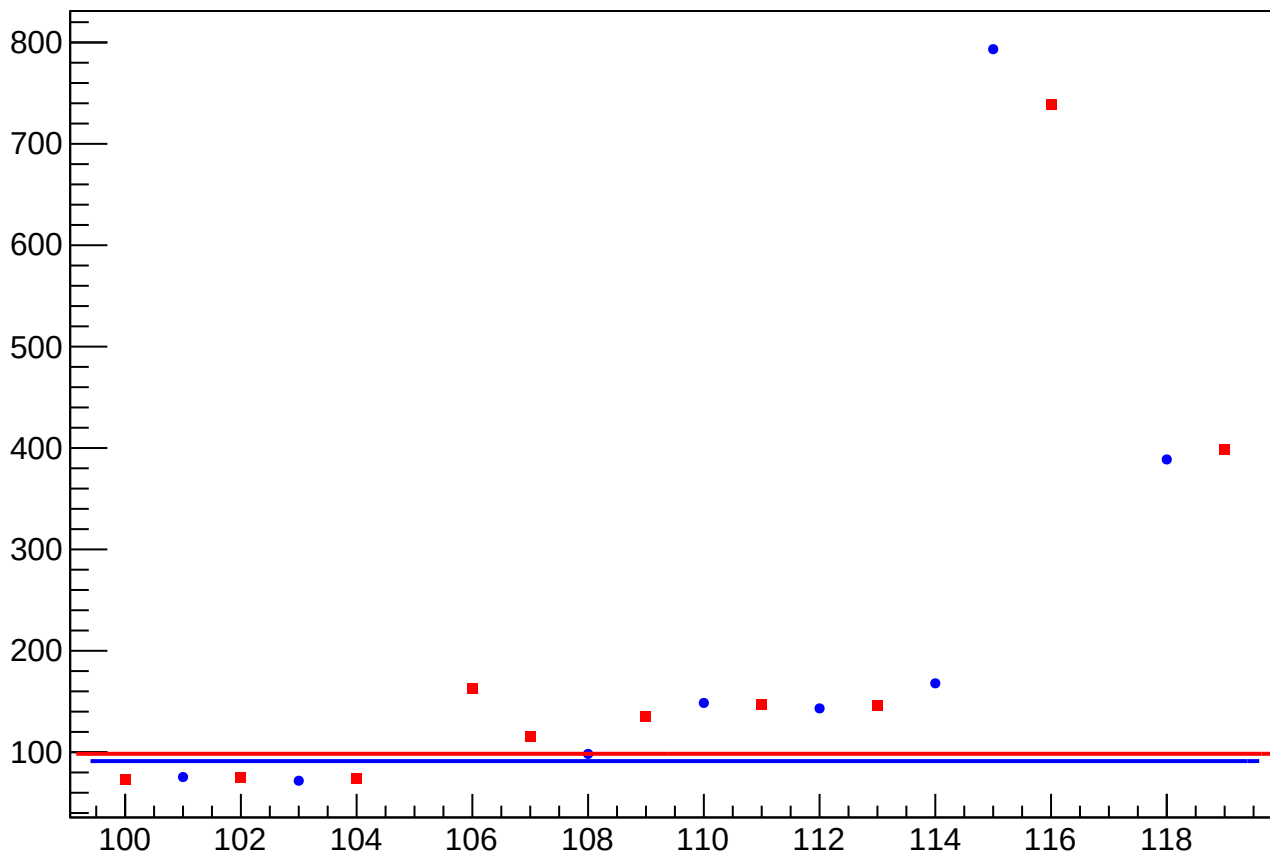
Right: -32.334+/-39.210 χ^2/NDF : 15.8/17

In: 9.327+/-55.730 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.334+/-39.210 χ^2/NDF : 15.8/17

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 91.206+/-0.039 χ^2/NDF : 1295209.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.429+/-0.039 χ^2/NDF : 1679498.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

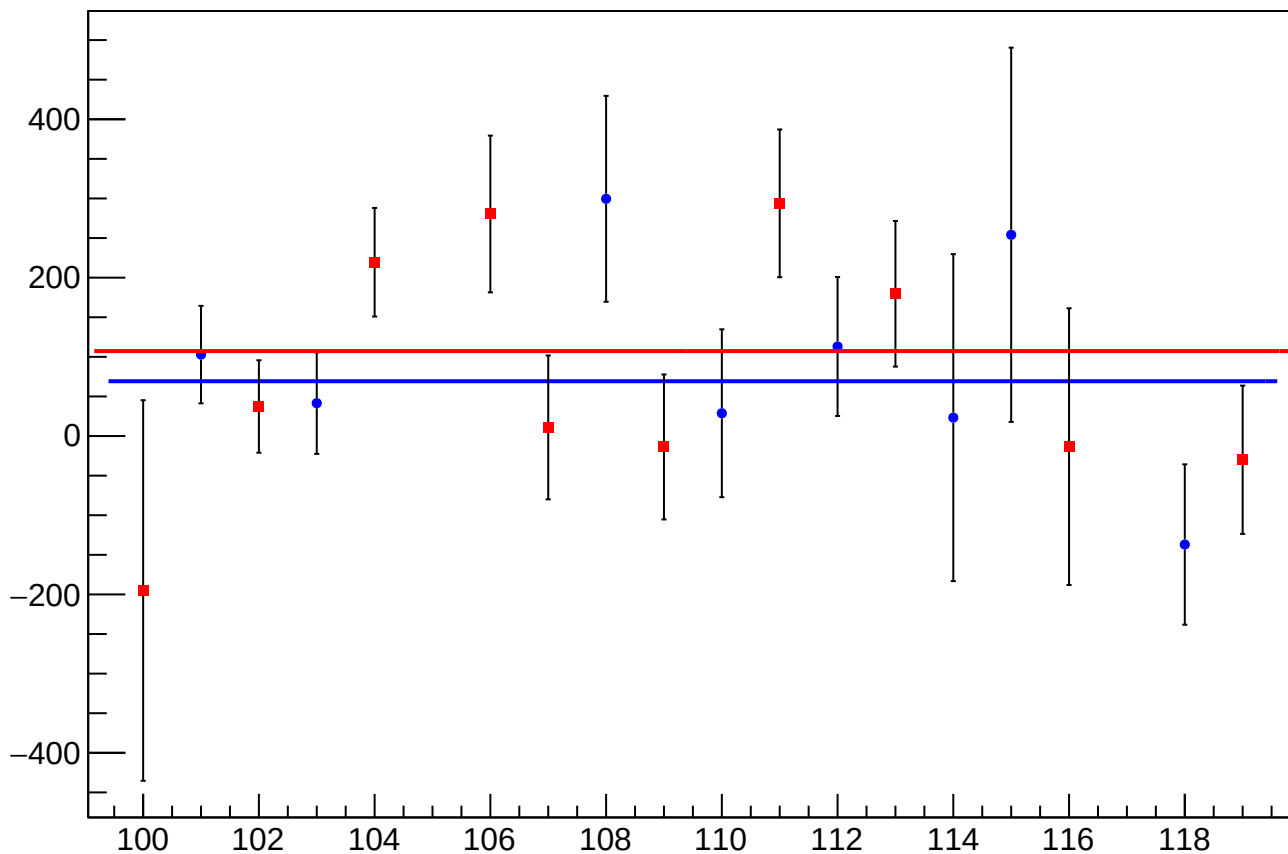
Right: 94.853+/-0.028 χ^2/NDF : 2991676.6/17

In: 91.206+/-0.039 χ^2/NDF : 1295209.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.853+/-0.028 χ^2/NDF : 2991676.6/17

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 69.211+/-32.895 χ^2/NDF : 8.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.298+/-28.331 χ^2/NDF : 18.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

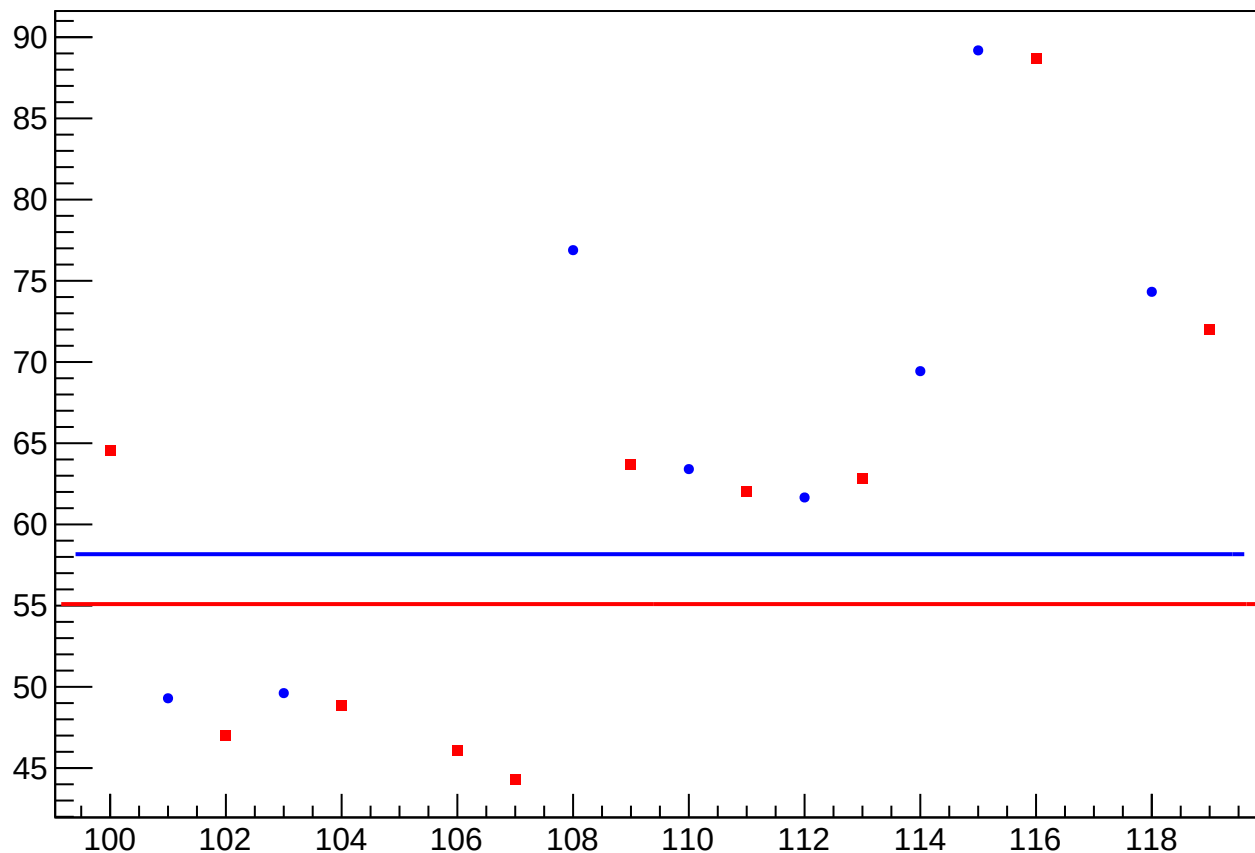
Right: 91.078+/-21.467 χ^2/NDF : 28.5/17

In: 69.211+/-32.895 χ^2/NDF : 8.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.078+/-21.467 χ^2/NDF : 28.5/17

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 58.168+/-0.023 χ^2/NDF : 217984.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.095+/-0.020 χ^2/NDF : 285349.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

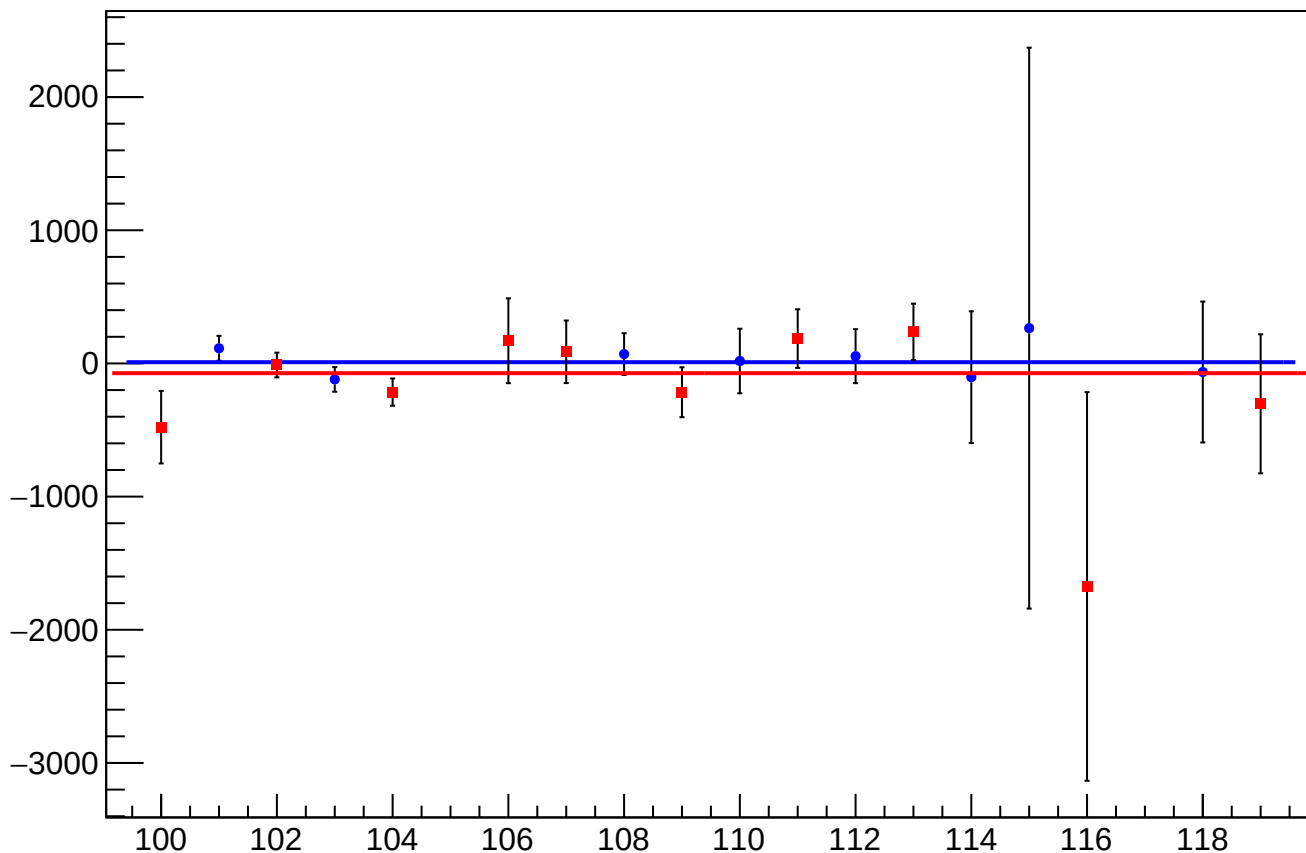
Right: 56.404+/-0.015 χ^2/NDF : 513349.5/17

In: 58.168+/-0.023 χ^2/NDF : 217984.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.404+/-0.015 χ^2/NDF : 513349.5/17

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 9.326+/-55.730 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.171+/-55.177 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

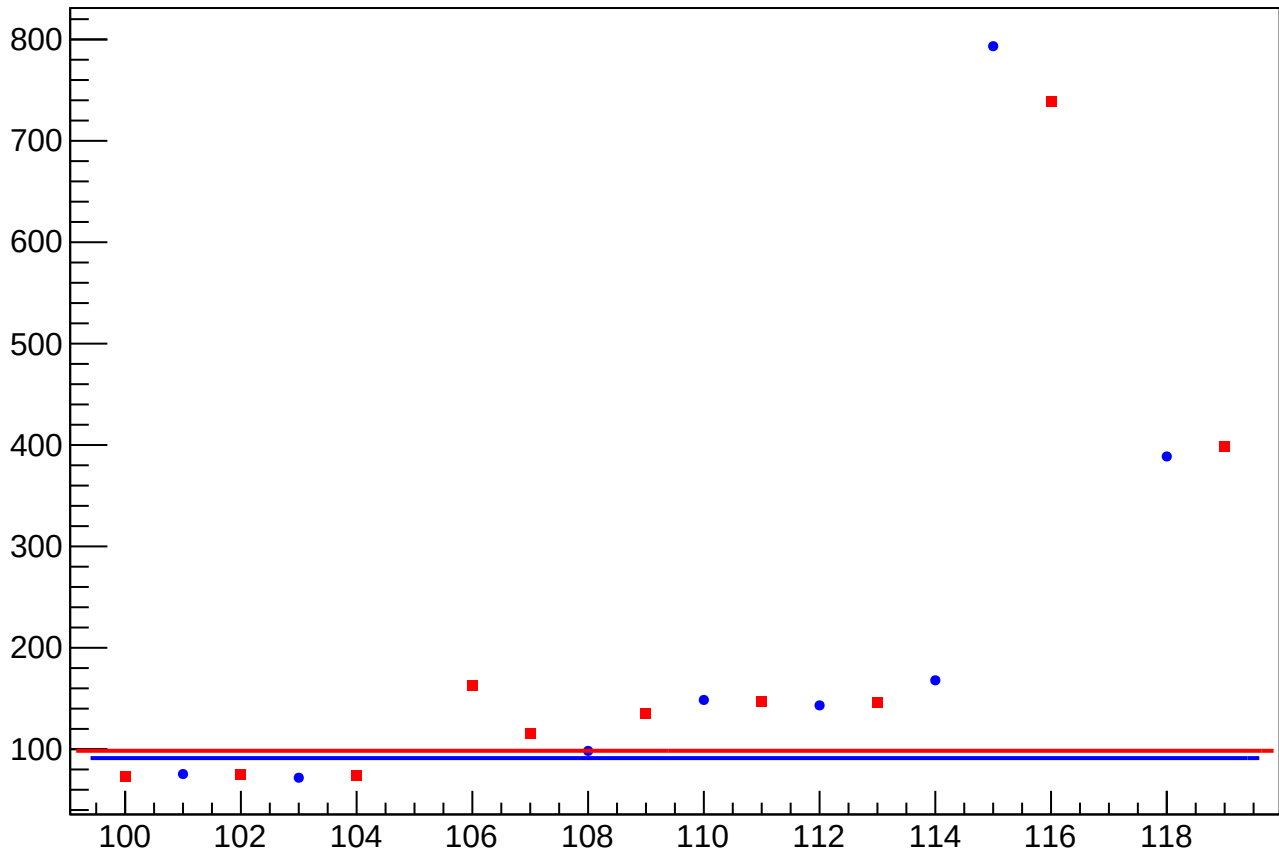
Right: -32.334+/-39.210 χ^2/NDF : 15.8/17

In: 9.326+/-55.730 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.334+/-39.210 χ^2/NDF : 15.8/17

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 91.205+/-0.039 χ^2/NDF : 1295212.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.429+/-0.039 χ^2/NDF : 1679505.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

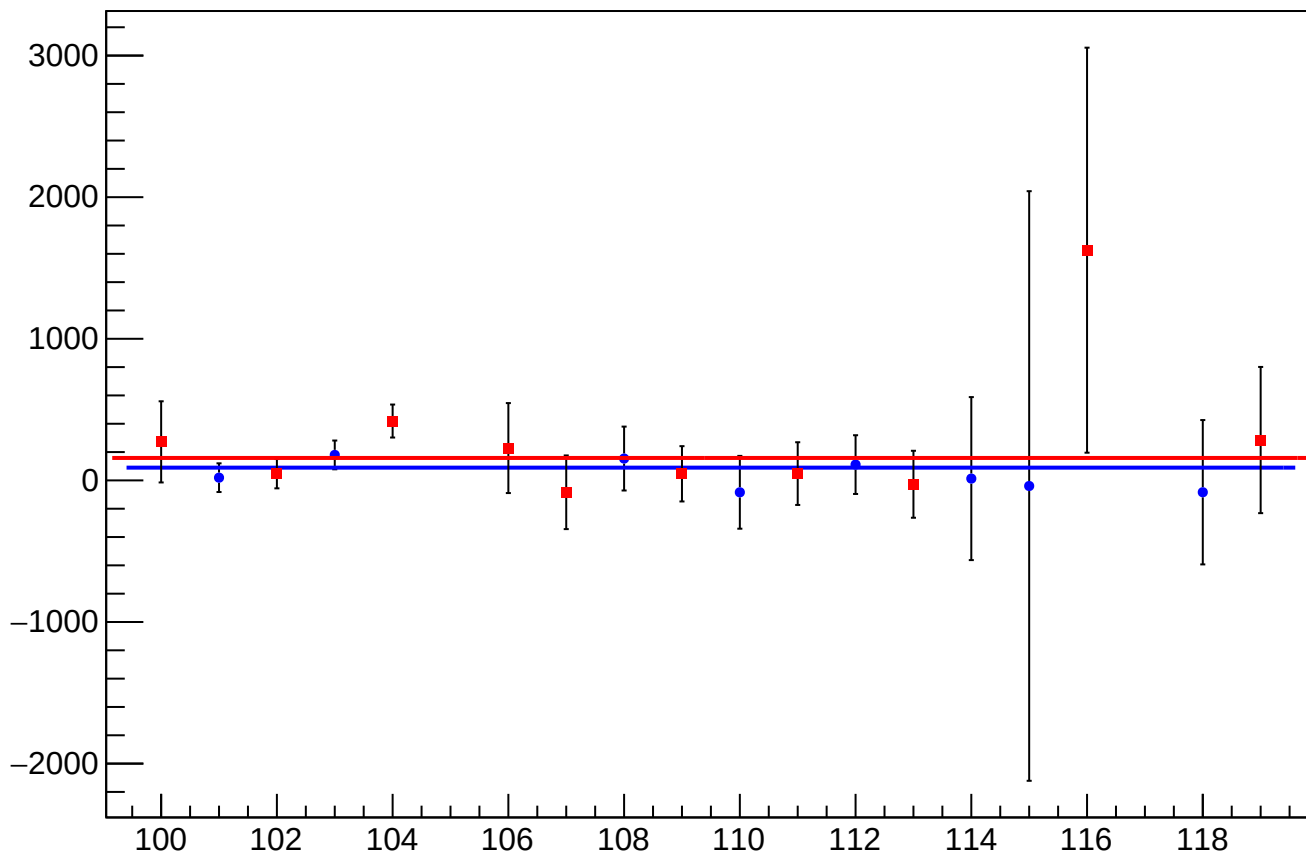
Right: 94.853+/-0.028 χ^2/NDF : 2991685.1/17

In: 91.205+/-0.039 χ^2/NDF : 1295212.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.853+/-0.028 χ^2/NDF : 2991685.1/17

asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 90.062+/-62.090 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.493+/-60.553 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

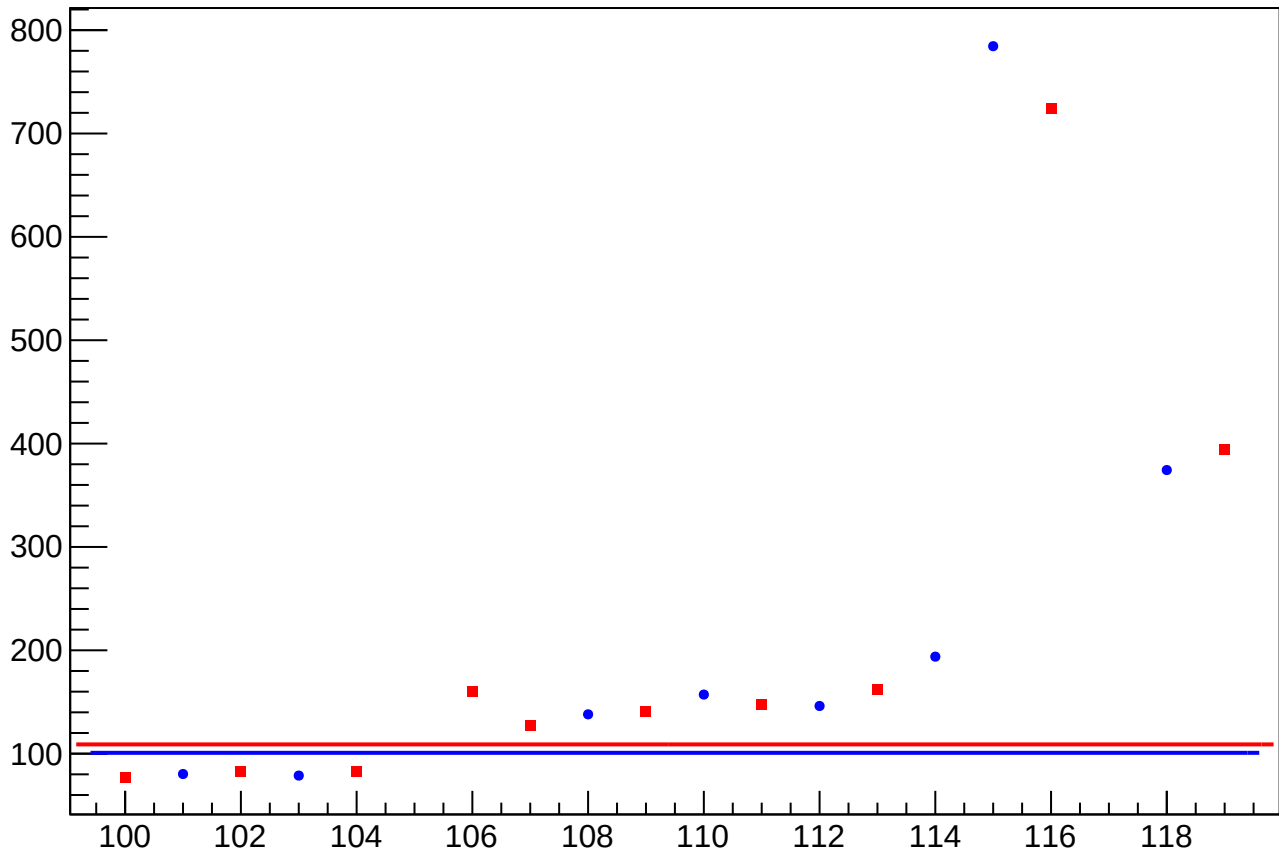
Right: 125.135+/-43.350 χ^2/NDF : 12.1/17

In: 90.062+/-62.090 χ^2/NDF : 2.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.135+/-43.350 χ^2/NDF : 12.1/17

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 100.817+/-0.044 χ^2/NDF : 1266055.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 108.972+/-0.043 χ^2/NDF : 1510553.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

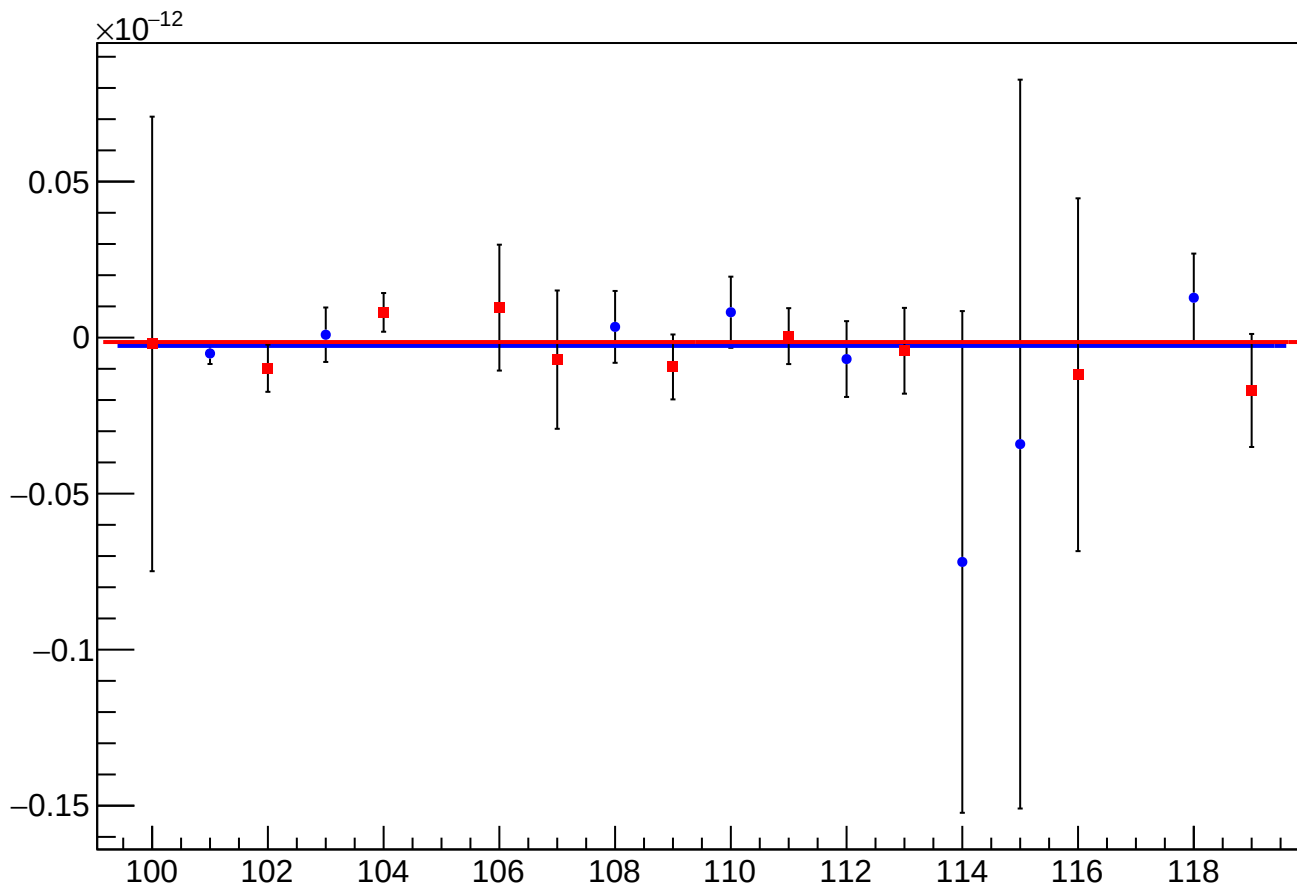
Right: 104.997+/-0.031 χ^2/NDF : 2794291.5/17

In: 100.817+/-0.044 χ^2/NDF :1266055.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 104.997+/-0.031 χ^2/NDF : 2794291.5/17

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

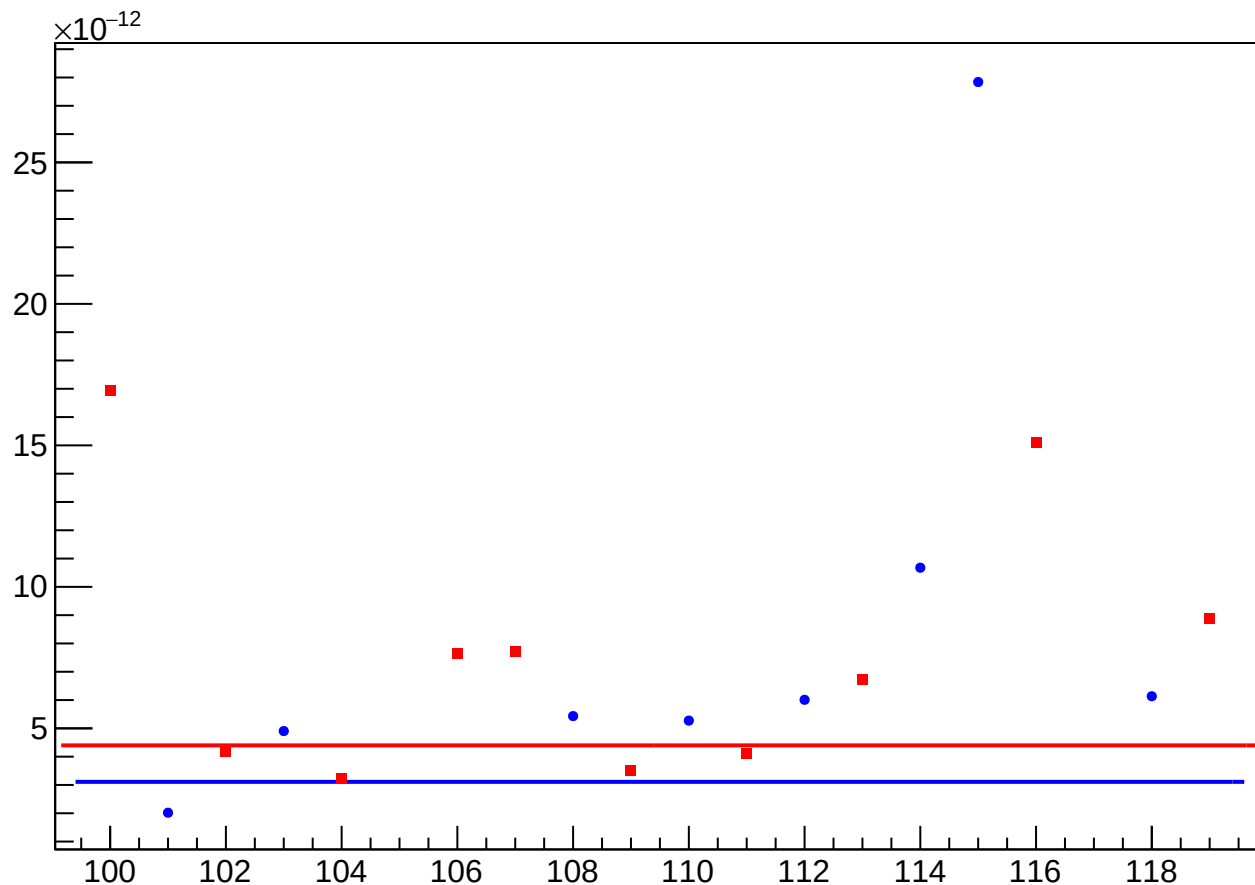
Right: -0.000+/-0.000 χ^2/NDF : 9.4/17

In: -0.000+/-0.000 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/17

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 759619.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 498754.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

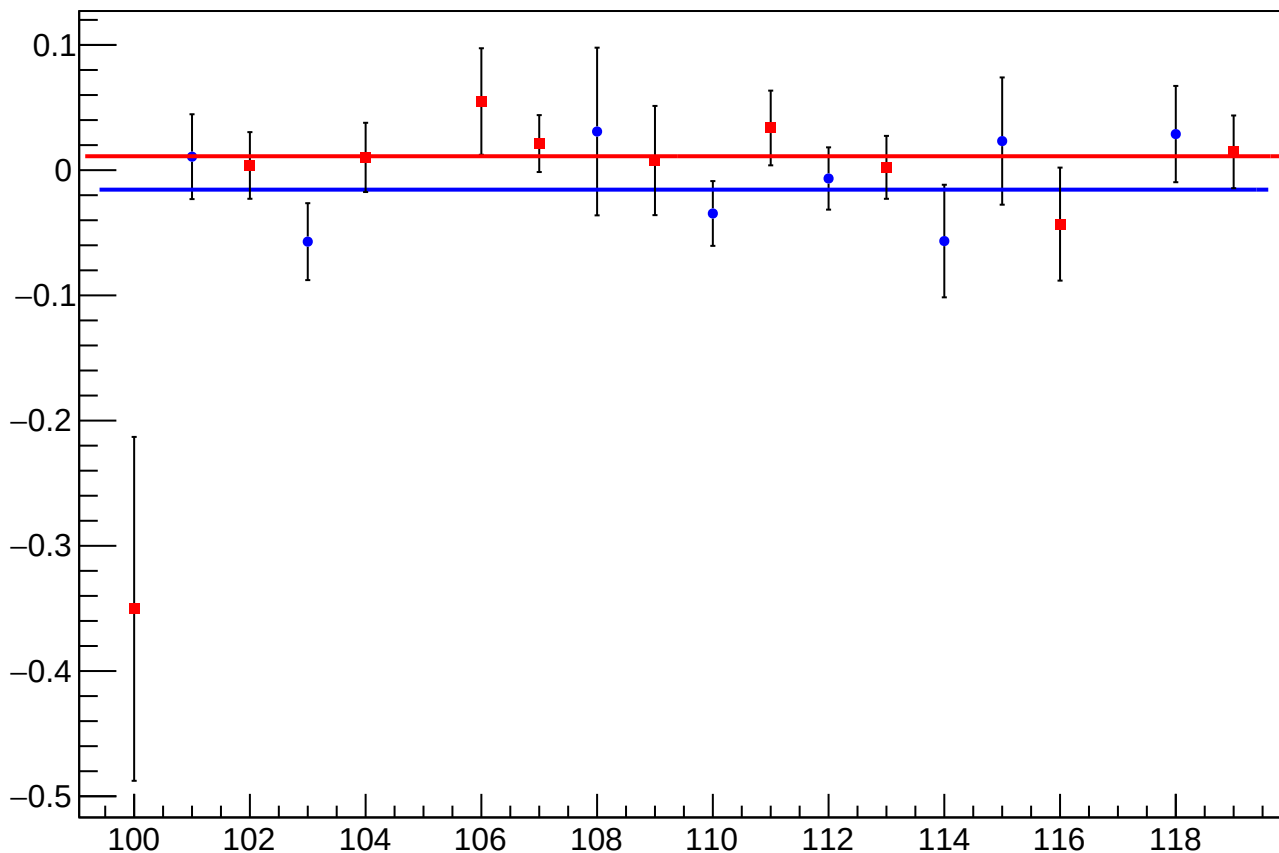
Right: 0.000+/-0.000 χ^2/NDF : 1420103.8/17

In: 0.000+/-0.000 χ^2/NDF : 759619.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1420103.8/17

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.010 χ^2/NDF : 10.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

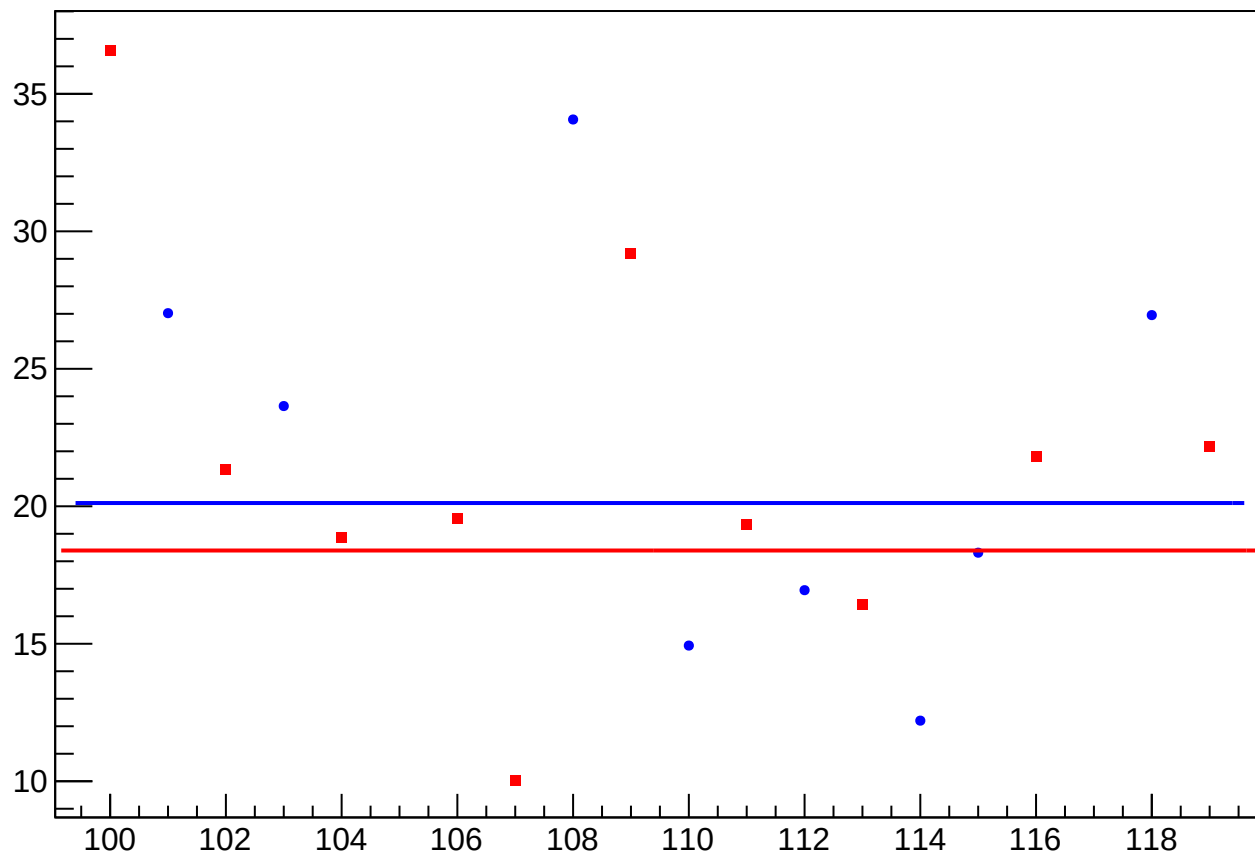
Right: 0.000 ± 0.008 χ^2/NDF : 19.7/17

In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 19.7/17

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.118+/-0.009 χ^2/NDF : 436834.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514117.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

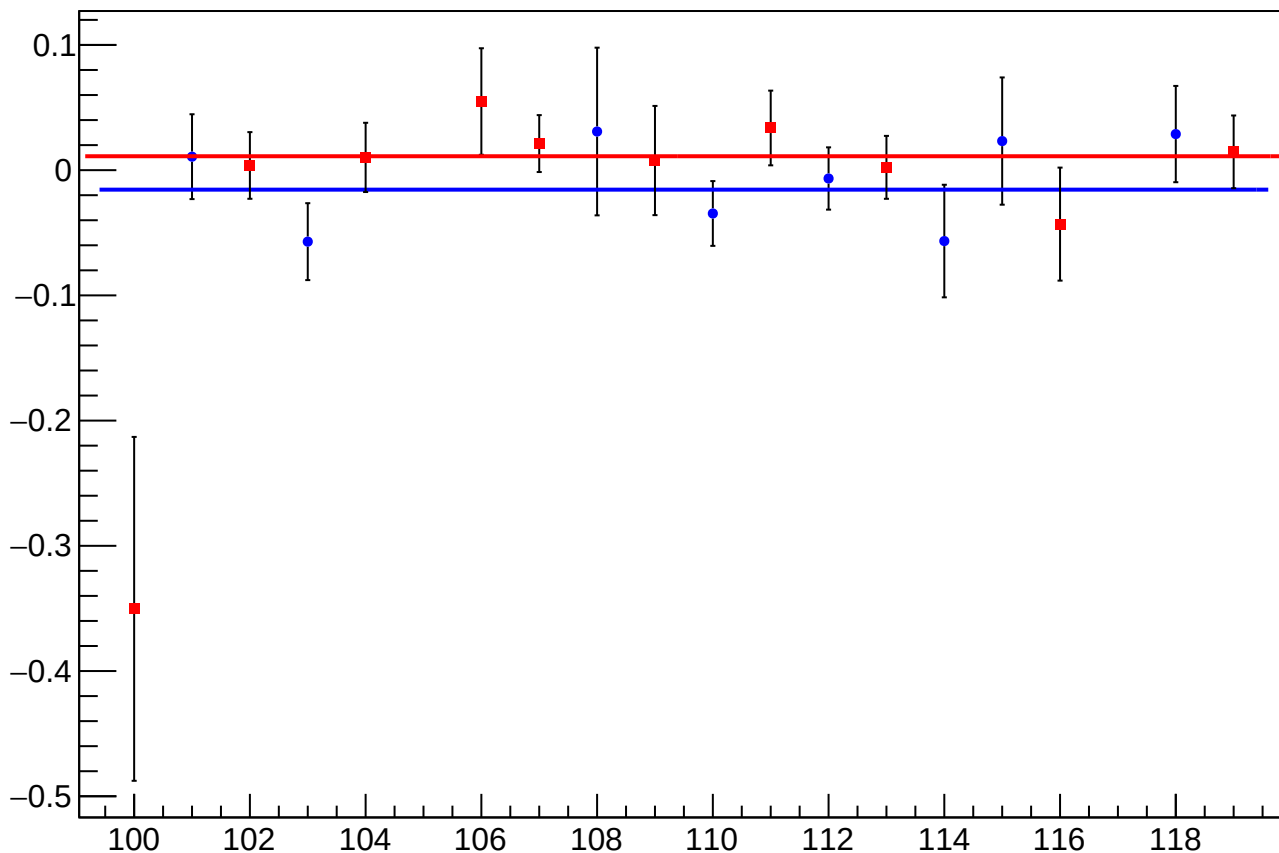
Right: 19.085+/-0.005 χ^2/NDF : 975308.3/17

In: 20.118+/-0.009 χ^2/NDF :436834.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.085+/-0.005 χ^2/NDF : 975308.3/17

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.010 χ^2/NDF : 10.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

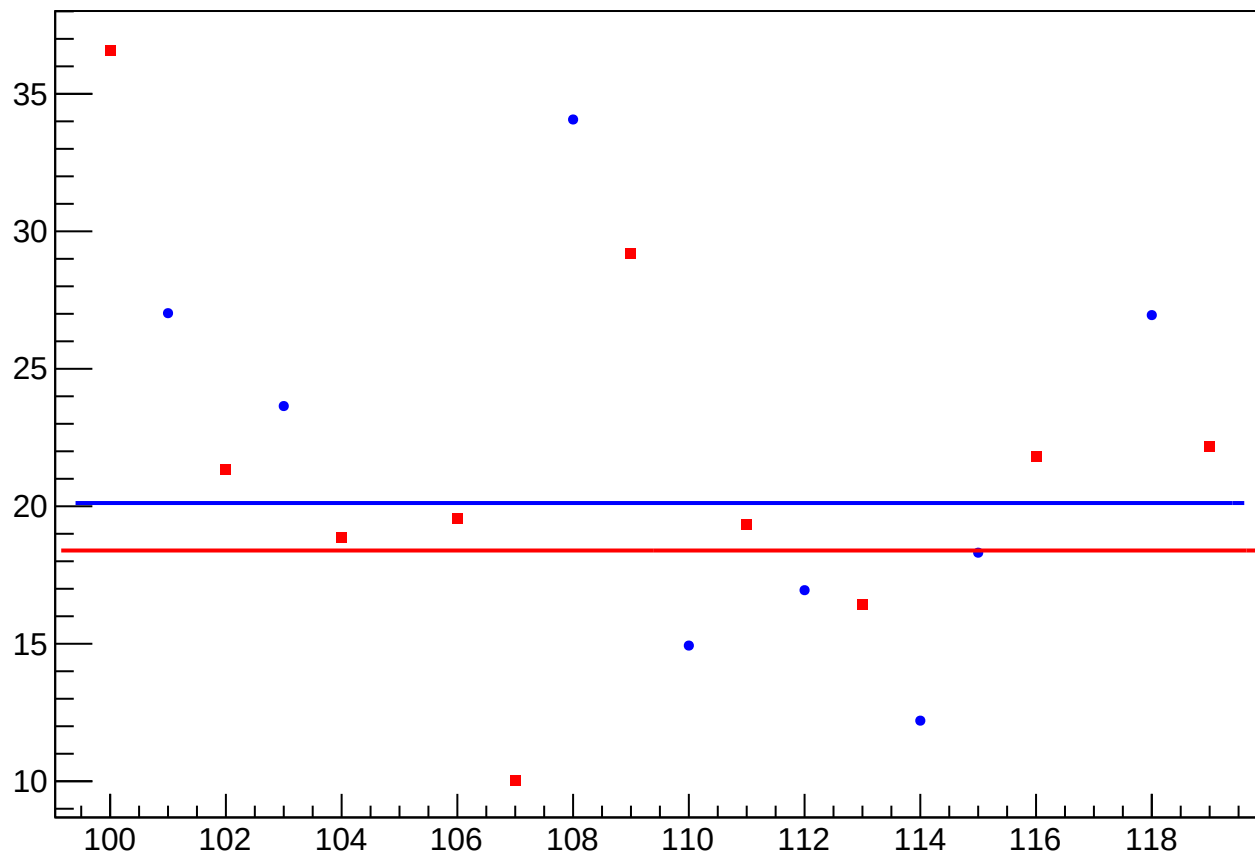
Right: 0.000 ± 0.008 χ^2/NDF : 19.7/17

In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 19.7/17

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.118+/-0.009 χ^2/NDF : 436834.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514117.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

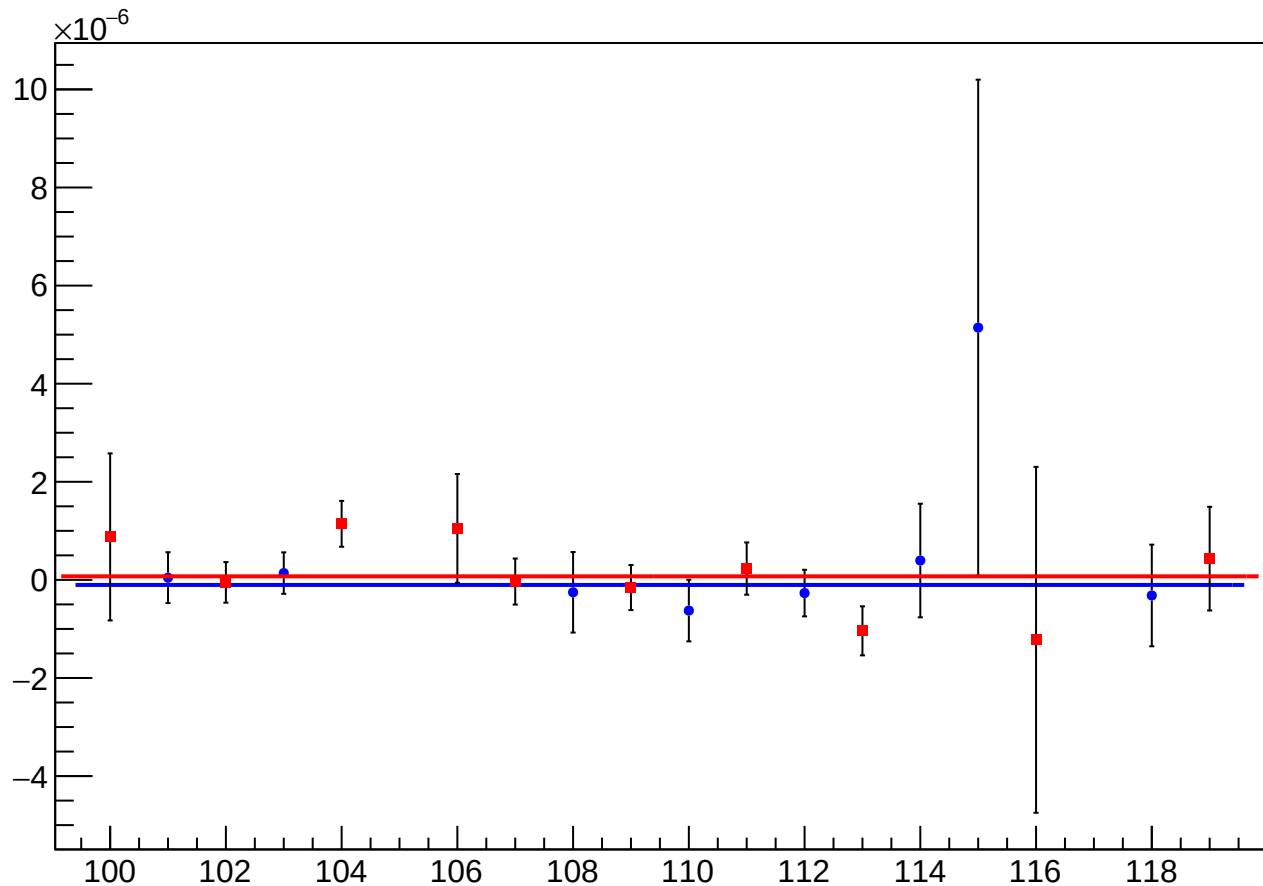
Right: 19.085+/-0.005 χ^2/NDF : 975308.3/17

In: 20.118+/-0.009 χ^2/NDF : 436834.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.085+/-0.005 χ^2/NDF : 975308.3/17

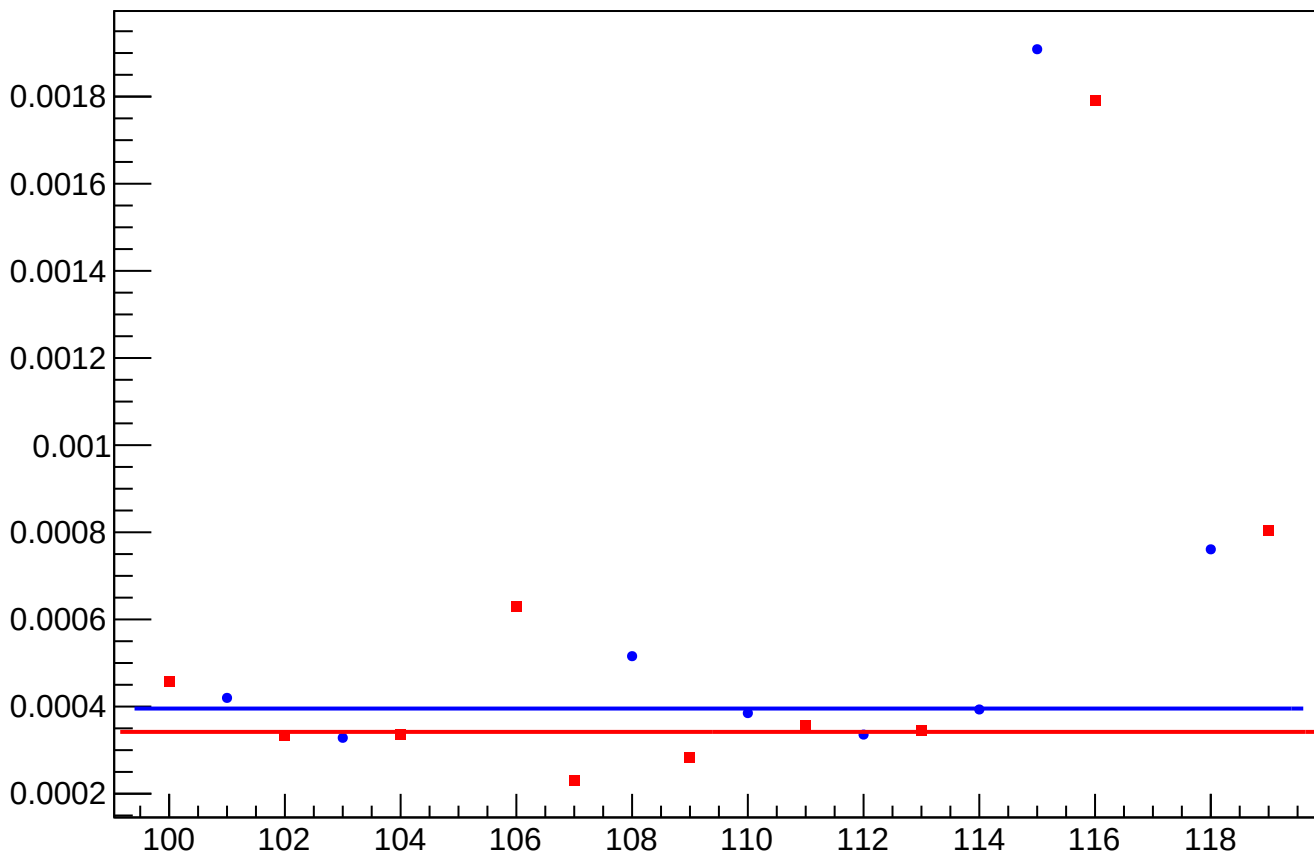
asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 11.9/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 14.8/17
 In: -0.000+/-0.000 χ^2/NDF : 2.6/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 14.8/17

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 557997.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1015162.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

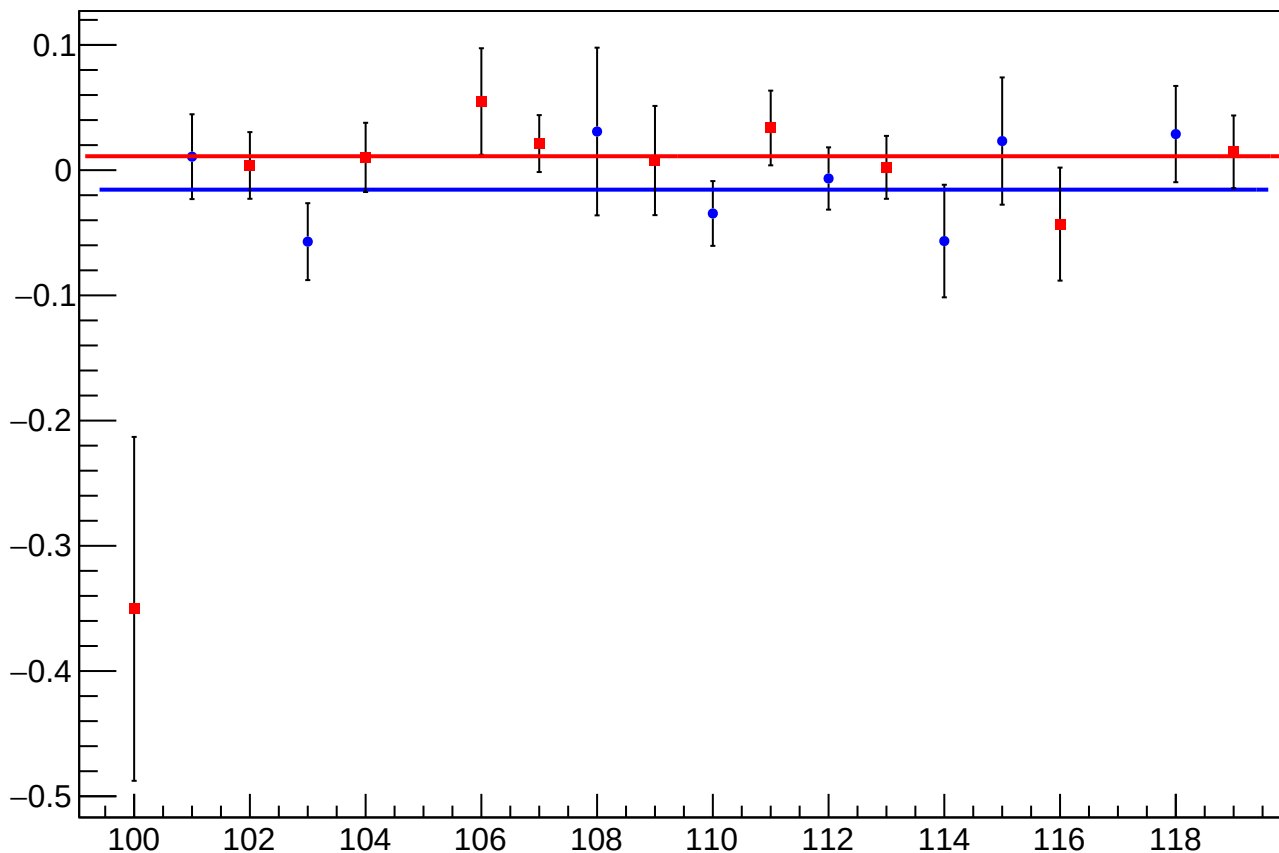
Right: 0.000+/-0.000 χ^2/NDF : 1640402.3/17

In: 0.000+/-0.000 χ^2/NDF : 557997.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1640402.3/17

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.010 χ^2/NDF : 10.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

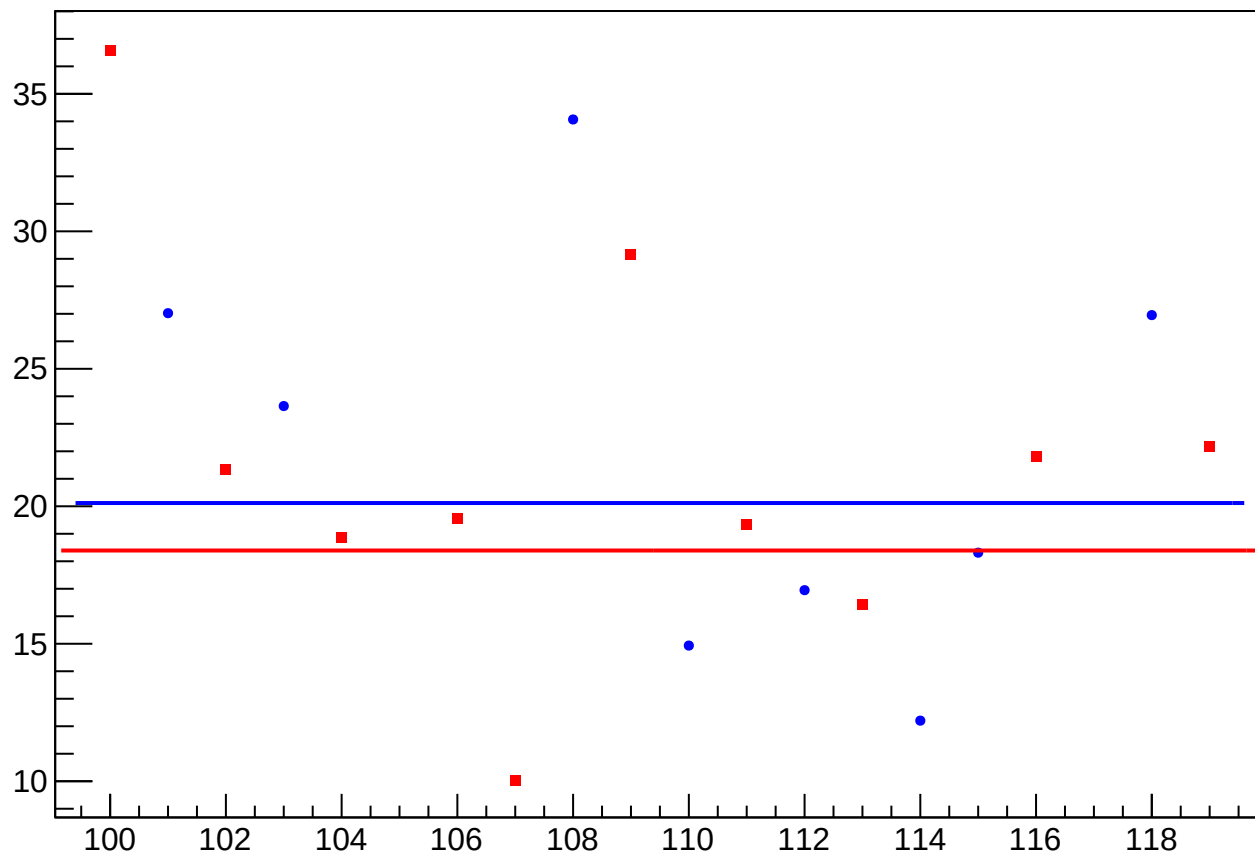
Right: 0.000 ± 0.008 χ^2/NDF : 19.7/17

In: -0.016 ± 0.012 χ^2/NDF : 6.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.008 χ^2/NDF : 19.7/17

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.118+/-0.009 χ^2/NDF : 436835.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514132.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

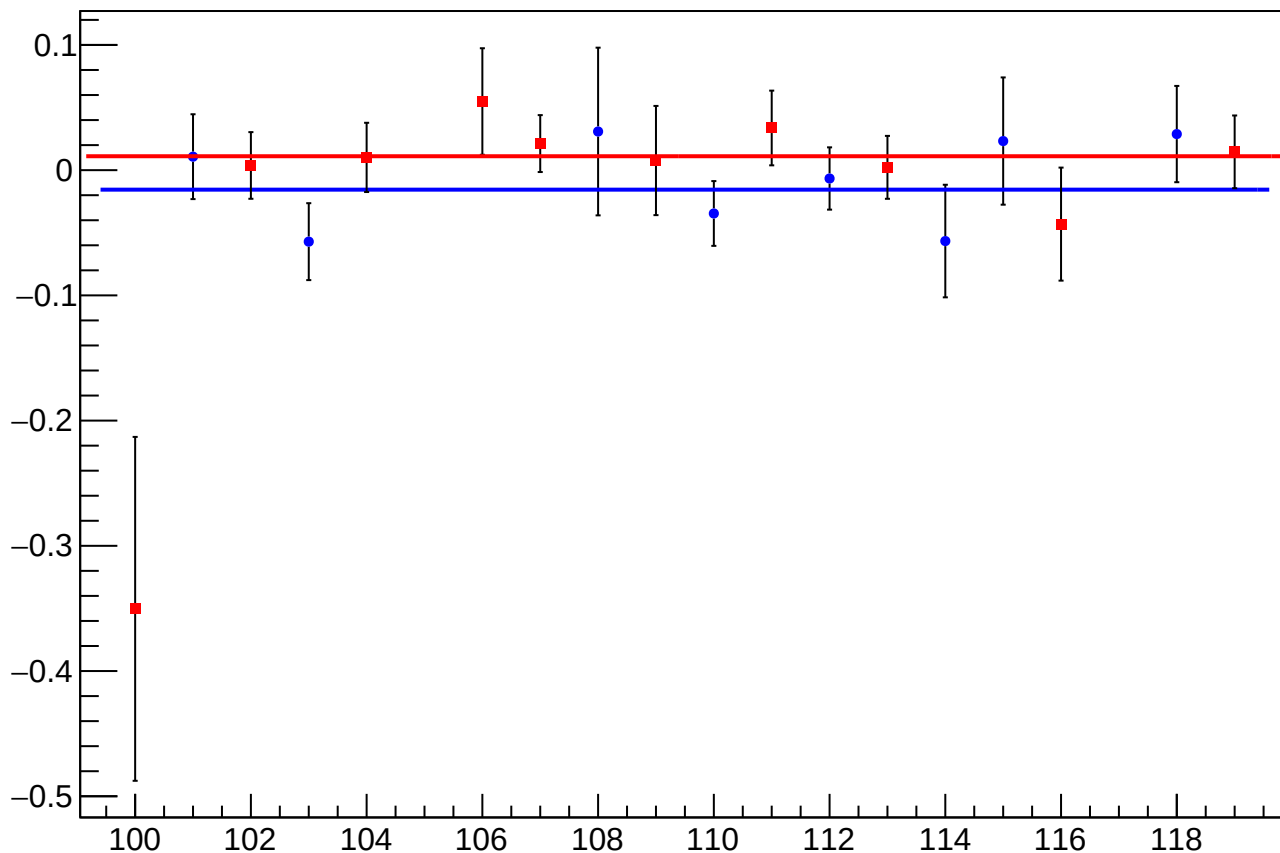
Right: 19.085+/-0.005 χ^2/NDF : 975324.6/17

In: 20.118+/-0.009 χ^2/NDF :436835.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.085+/-0.005 χ^2/NDF : 975324.6/17

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.012 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.010 χ^2 /NDF: 10.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

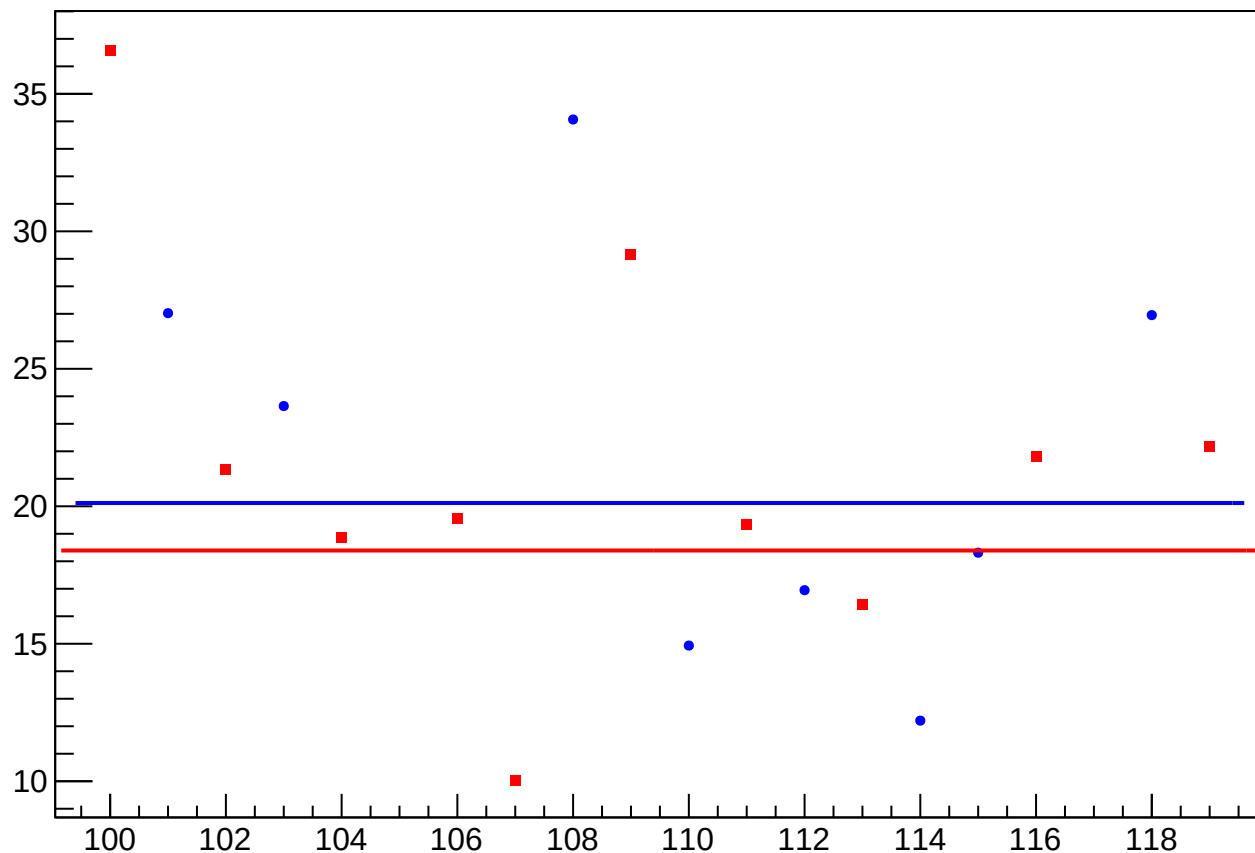
Right: 0.000 $\pm$ 0.008 χ^2 /NDF: 19.7/17

In: -0.016 $\pm$ 0.012 χ^2 /NDF:6.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.008 χ^2 /NDF: 19.7/17

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.118+/-0.009 χ^2/NDF : 436835.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.392+/-0.007 χ^2/NDF : 514132.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

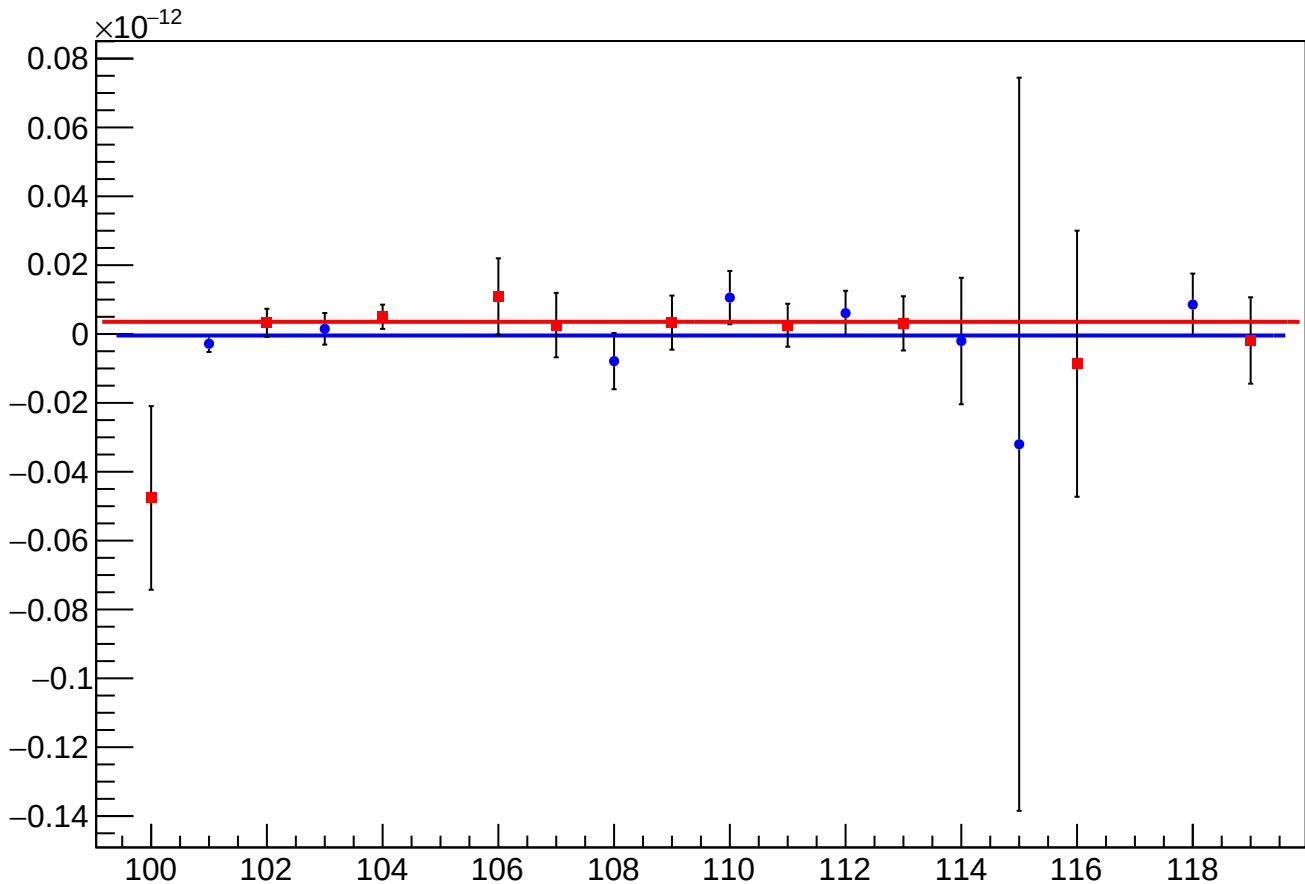
Right: 19.085+/-0.005 χ^2/NDF : 975324.6/17

In: 20.118+/-0.009 χ^2/NDF : 436835.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.085+/-0.005 χ^2/NDF : 975324.6/17

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

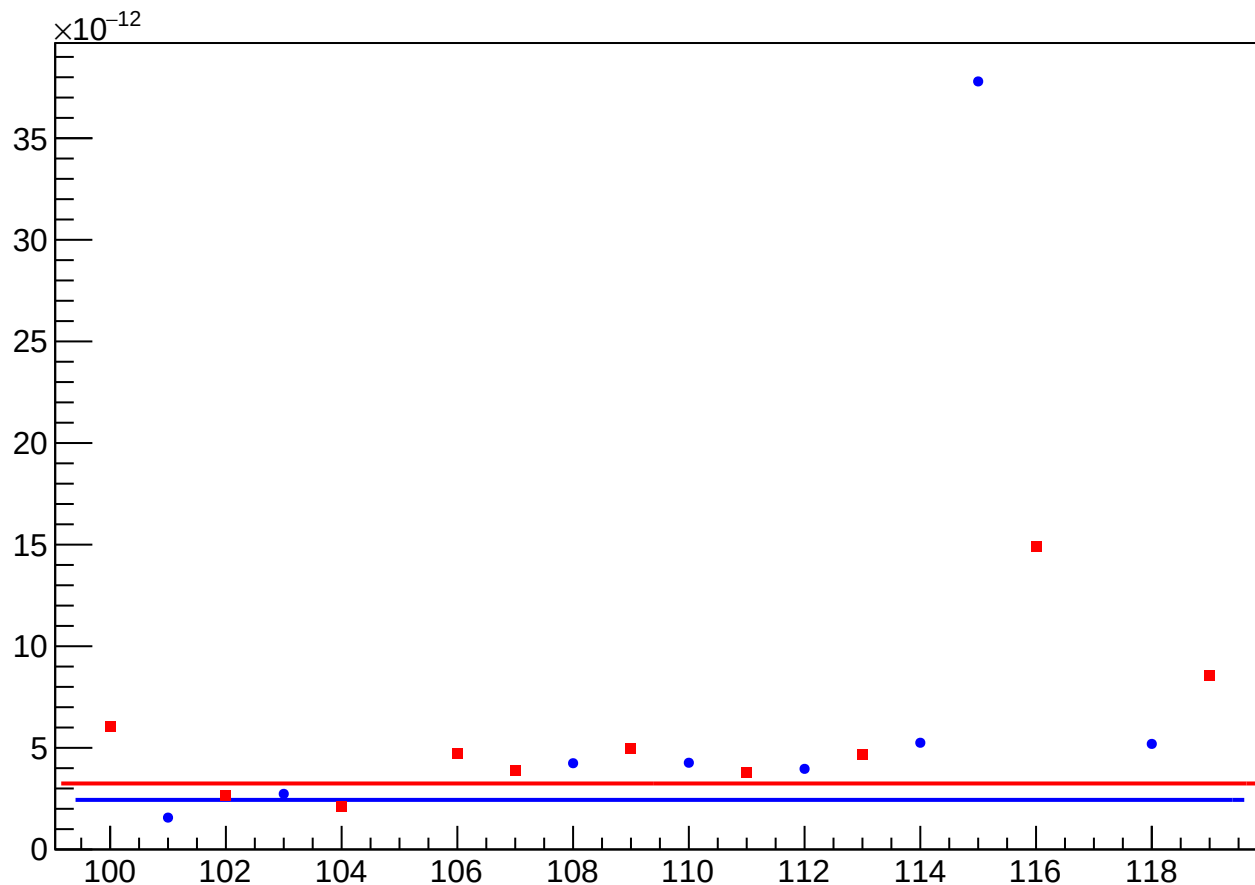
Right: 0.000+/-0.000 χ^2/NDF : 12.8/17

In: -0.000+/-0.000 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.8/17

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1050900.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1033468.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

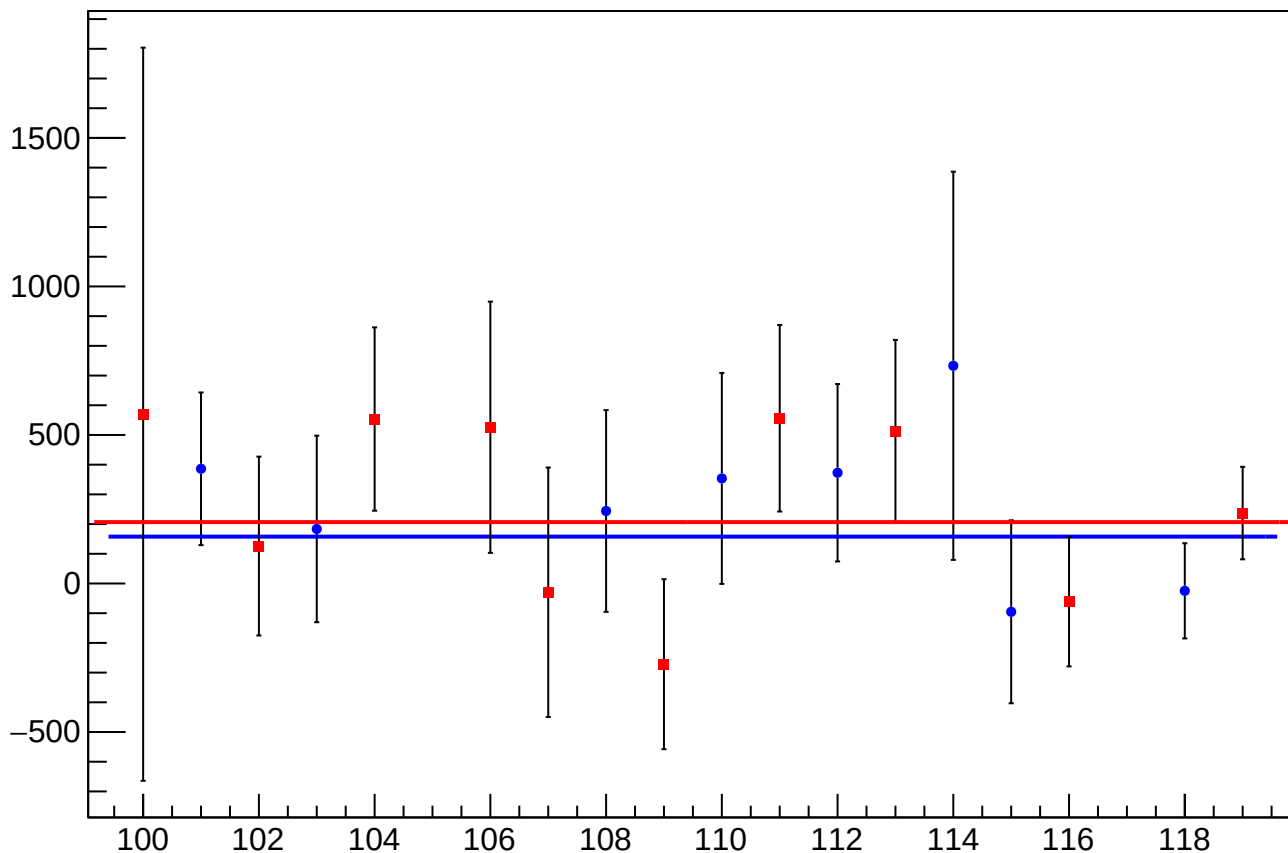
Right: 0.000+/-0.000 χ^2/NDF : 2251326.9/17

In: 0.000+/-0.000 χ^2/NDF : 1050900.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2251326.9/17

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.788 $\pm$ 97.614 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 206.636 $\pm$ 88.158 χ^2 /NDF: 8.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

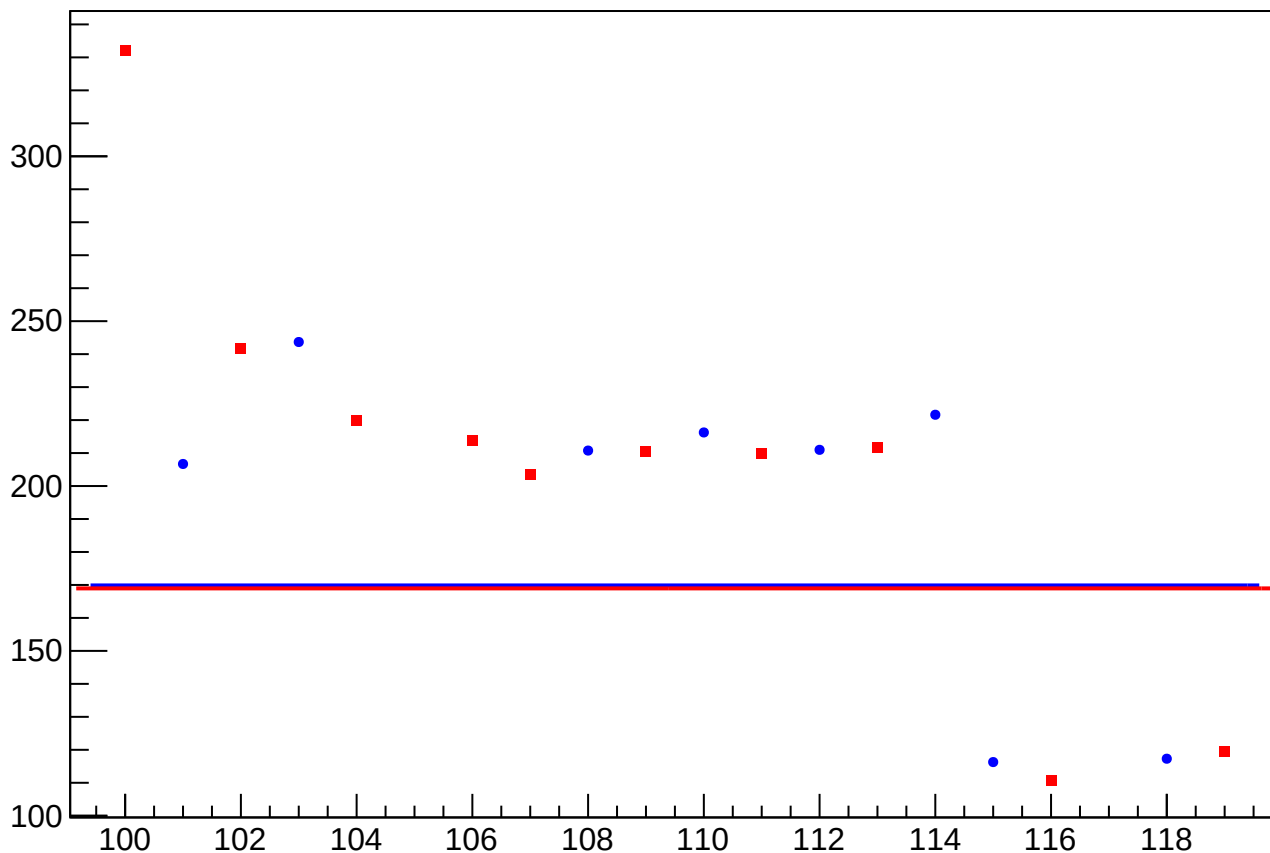
Right: 184.692 $\pm$ 65.426 χ^2 /NDF: 13.4/17

In: 157.788 $\pm$ 97.614 χ^2 /NDF: 4.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.692 $\pm$ 65.426 χ^2 /NDF: 13.4/17

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 169.852 $\pm$ 0.069 χ^2 /NDF: 541020.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 168.953 $\pm$ 0.062 χ^2 /NDF: 703403.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

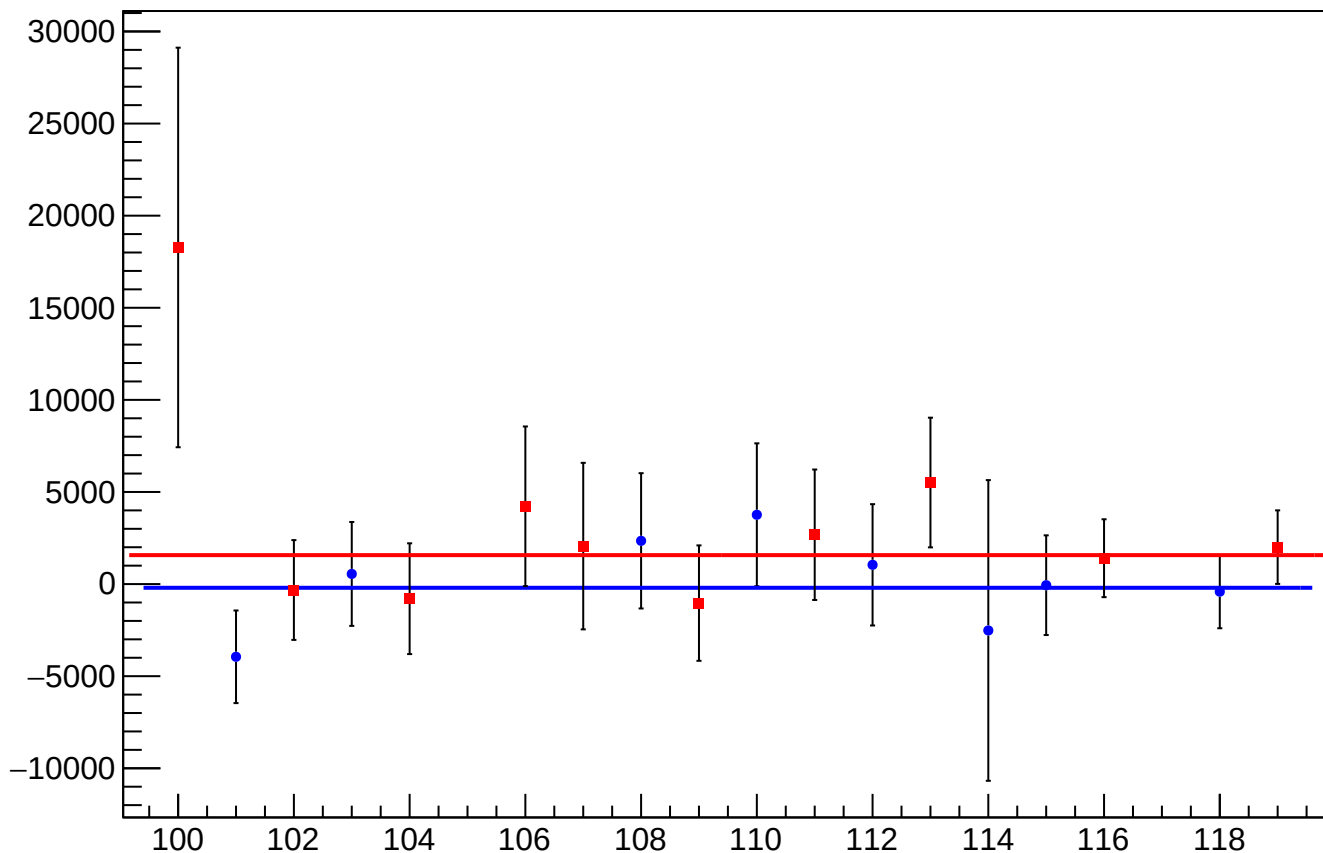
Right: 169.357 $\pm$ 0.046 χ^2 /NDF: 1244517.7/17

In: 169.852 $\pm$ 0.069 χ^2 /NDF:541020.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 169.357 $\pm$ 0.046 χ^2 /NDF: 1244517.7/17

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -201.310+/-1041.431 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1571.245+/-955.791 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

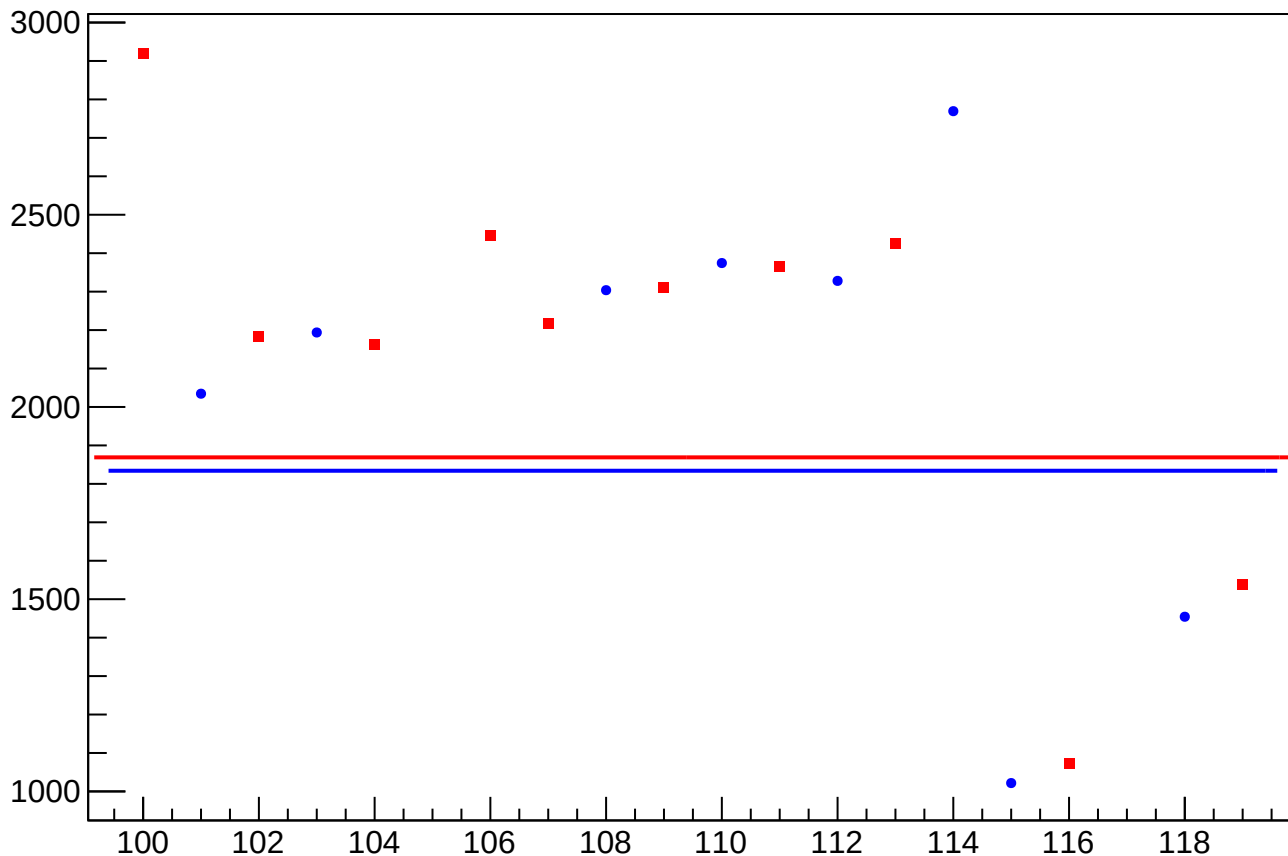
Right: 760.834+/-704.179 χ^2/NDF : 11.6/17

In: -201.310+/-1041.431 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 760.834+/-704.179 χ^2/NDF : 11.6/17

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1834.115+/-0.736 χ^2/NDF : 441408.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1868.944+/-0.676 χ^2/NDF : 580687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

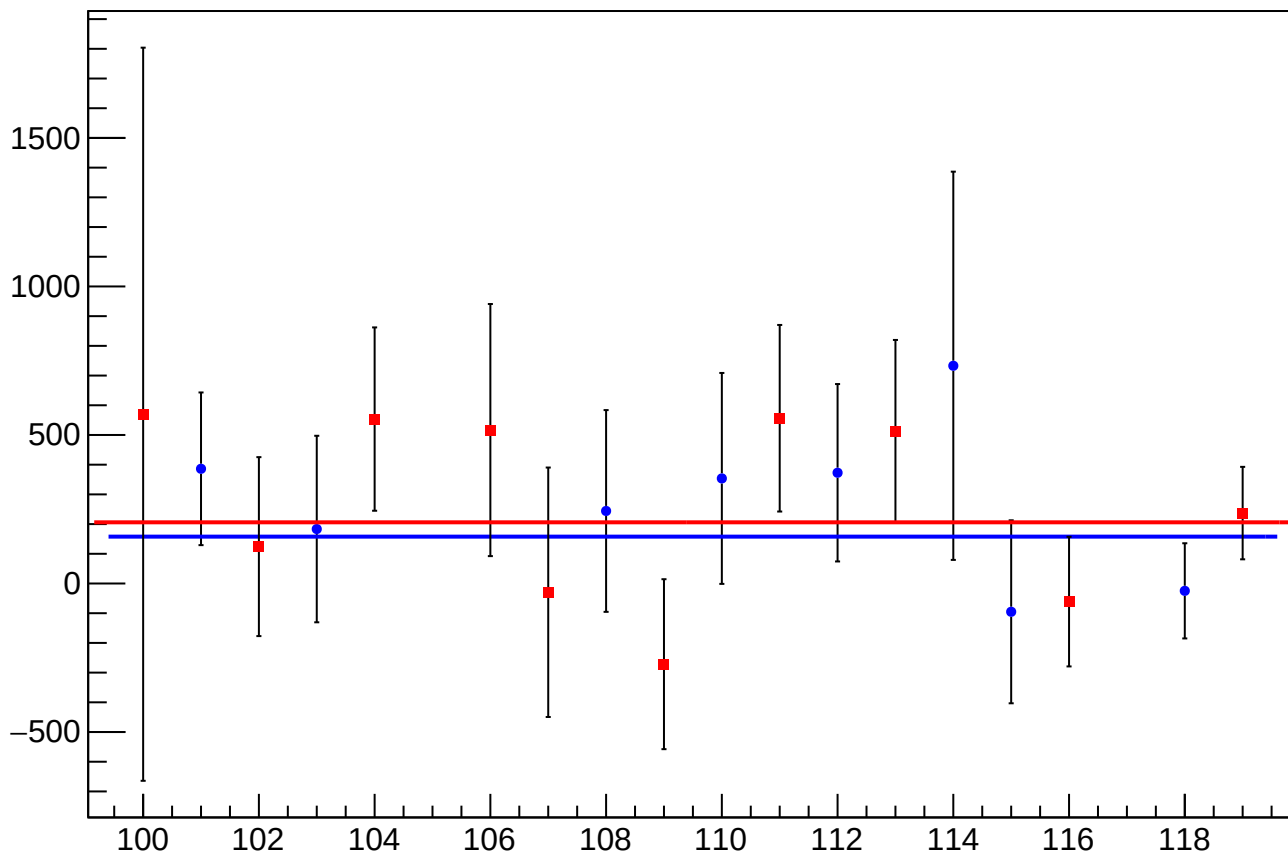
Right: 1853.020+/-0.498 χ^2/NDF : 1023309.7/17

In: 1834.115+/-0.736 χ^2/NDF : 441408.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1853.020+/-0.498 χ^2/NDF : 1023309.7/17

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.778+/-97.614 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.970+/-88.176 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

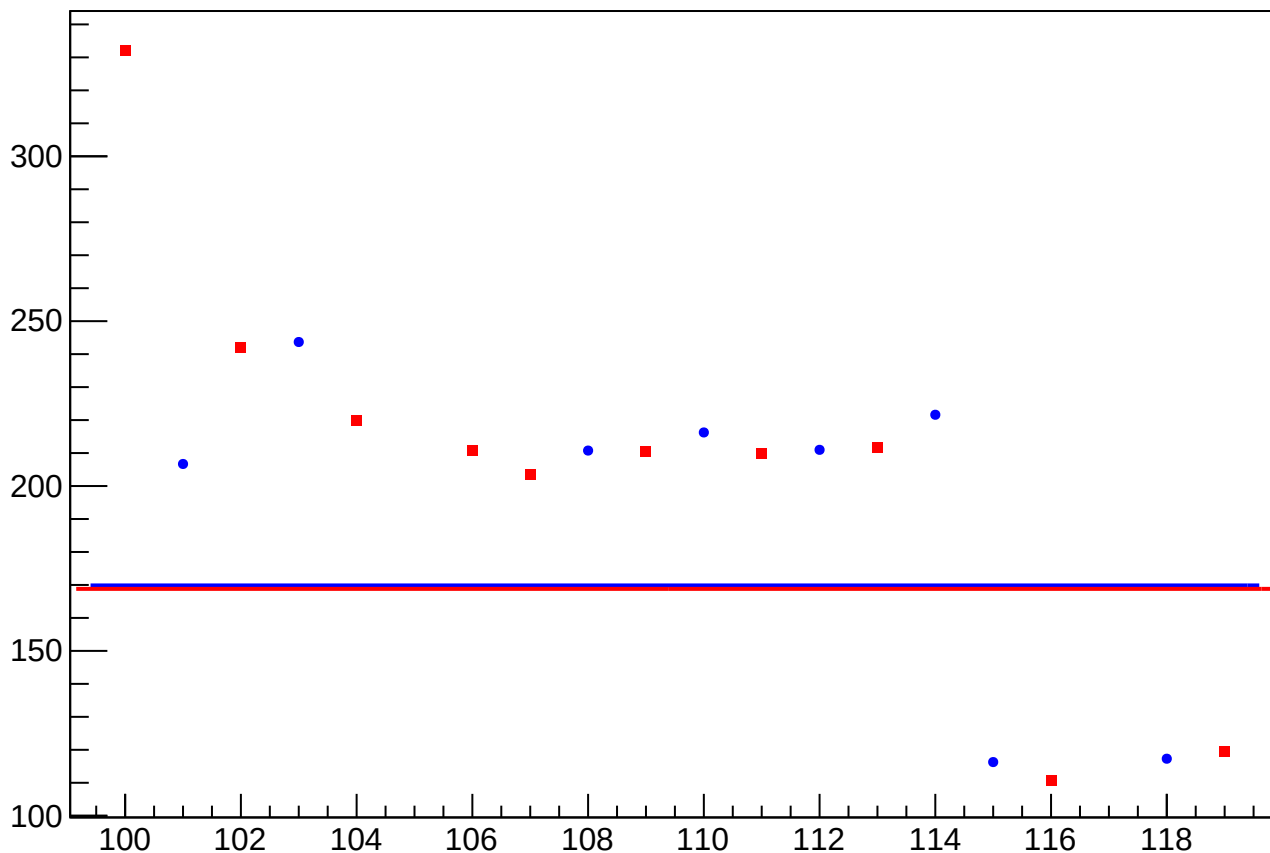
Right: 184.316+/-65.433 χ^2/NDF : 13.4/17

In: 157.778+/-97.614 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.316+/-65.433 χ^2/NDF : 13.4/17

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 169.852 $\pm$ 0.069 χ^2 /NDF: 541022.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 168.810 $\pm$ 0.062 χ^2 /NDF: 700558.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

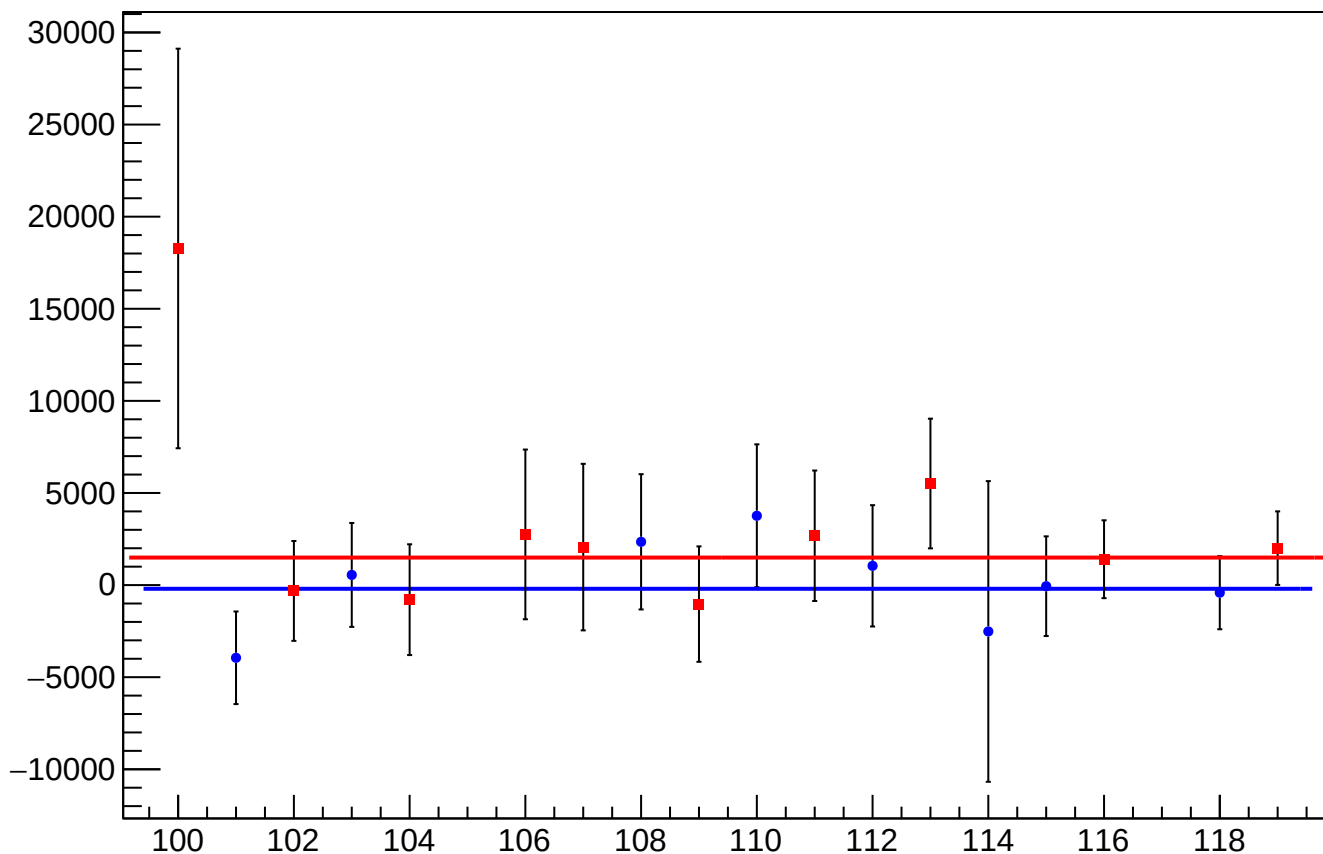
Right: 169.278 $\pm$ 0.046 χ^2 /NDF: 1241706.6/17

In: 169.852 $\pm$ 0.069 χ^2 /NDF: 541022.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.278 $\pm$ 0.046 χ^2 /NDF: 1241706.6/17

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.158+/-1041.439 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.669+/-958.550 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

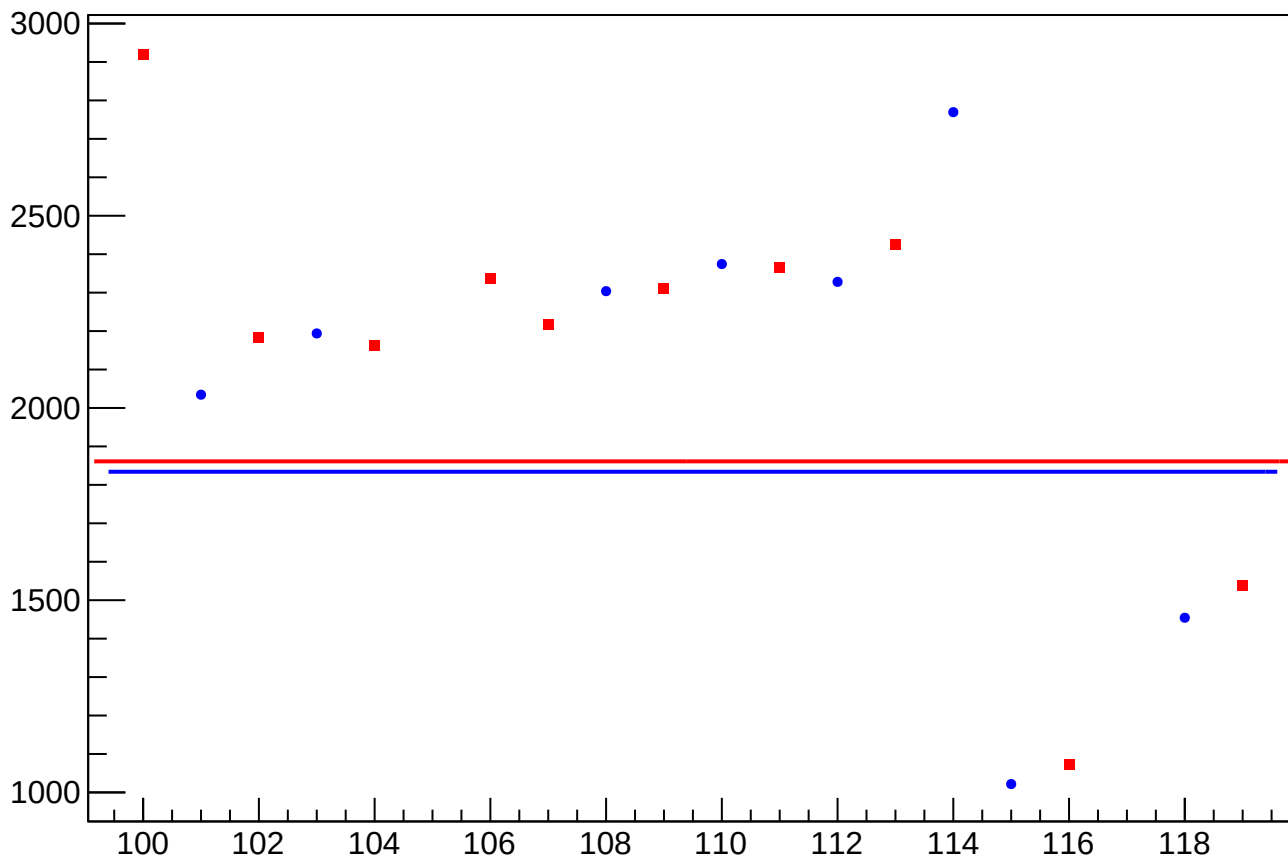
Right: 716.377+/-705.283 χ^2/NDF : 11.1/17

In: -201.158+/-1041.439 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.377+/-705.283 χ^2/NDF : 11.1/17

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1834.125+/-0.736 χ^2/NDF : 441427.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.105+/-0.678 χ^2/NDF : 565967.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

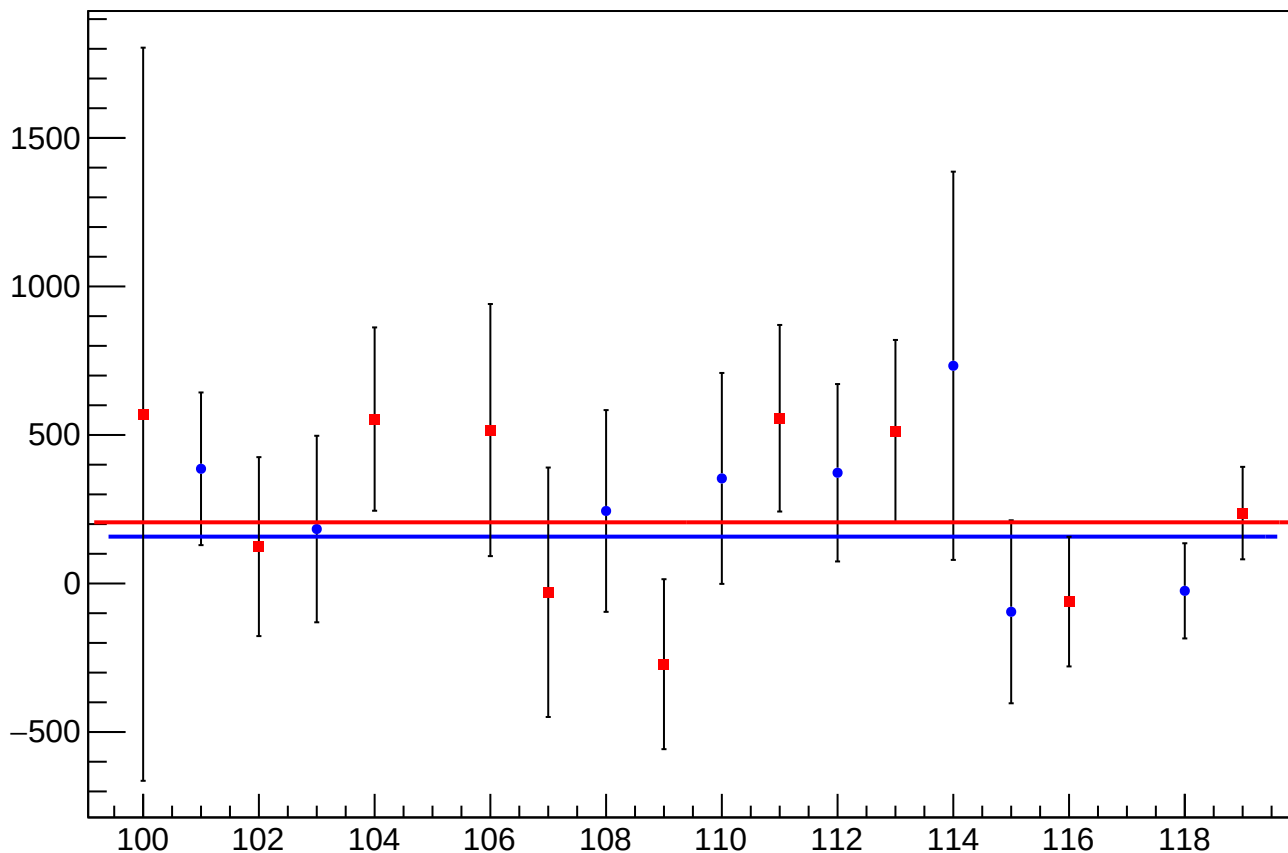
Right: 1848.731+/-0.499 χ^2/NDF : 1008121.0/17

In: 1834.125+/-0.736 χ^2/NDF : 441427.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.731+/-0.499 χ^2/NDF : 1008121.0/17

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 157.778+/-97.614 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.970+/-88.176 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

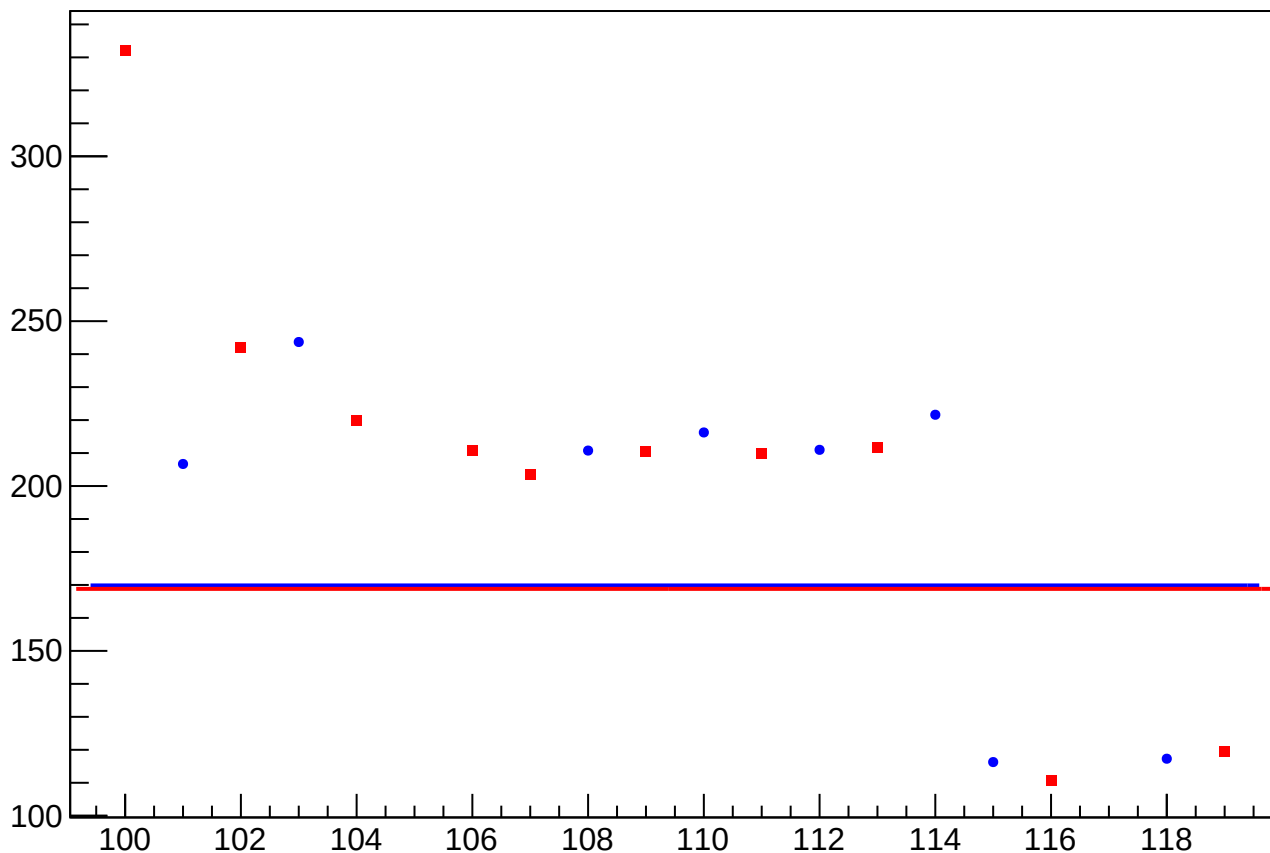
Right: 184.316+/-65.433 χ^2/NDF : 13.4/17

In: 157.778+/-97.614 χ^2/NDF : 4.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.316+/-65.433 χ^2/NDF : 13.4/17

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 169.852+/-0.069 χ^2/NDF : 541022.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.810+/-0.062 χ^2/NDF : 700558.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

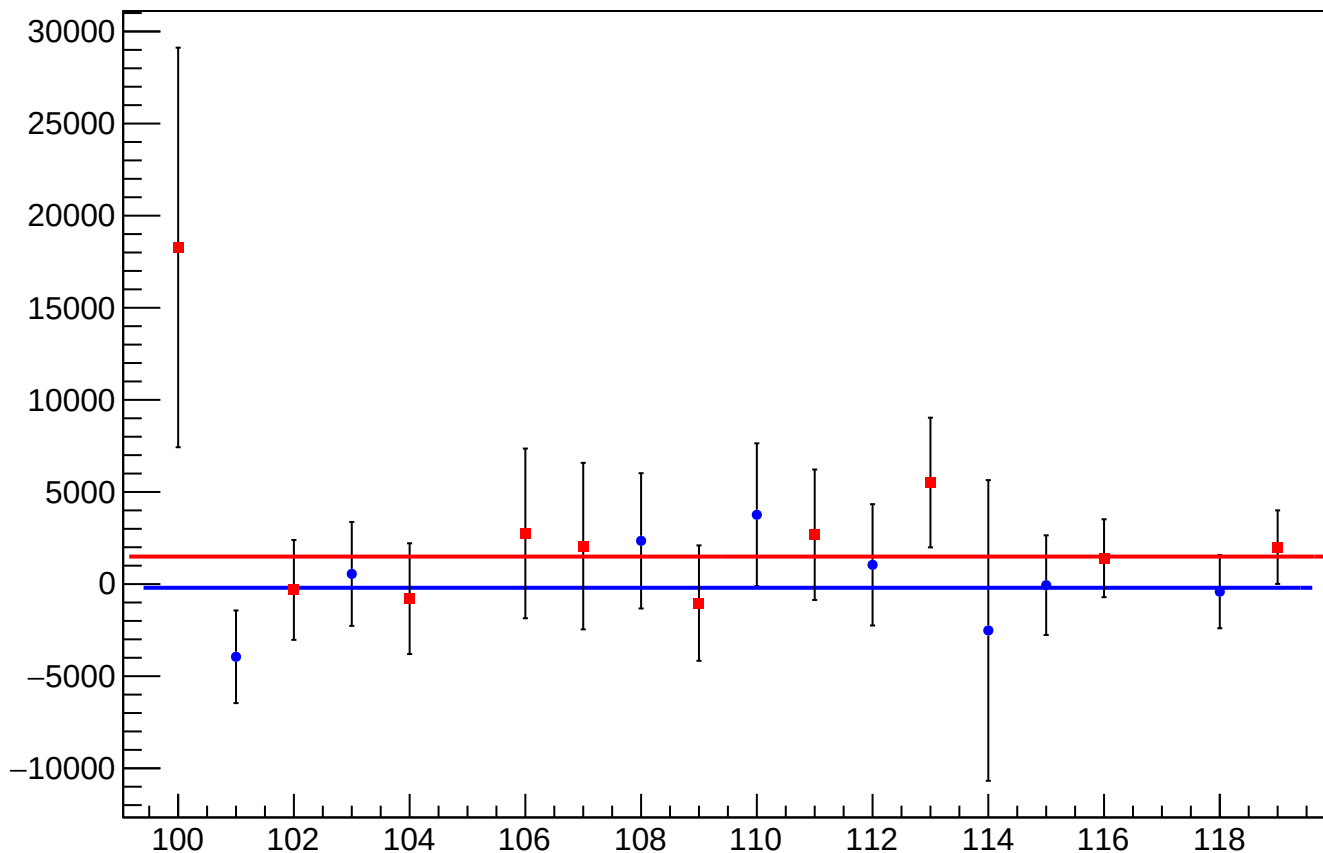
Right: 169.278+/-0.046 χ^2/NDF : 1241706.6/17

In: 169.852+/-0.069 χ^2/NDF : 541022.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.278+/-0.046 χ^2/NDF : 1241706.6/17

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -201.158+/-1041.439 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.669+/-958.550 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

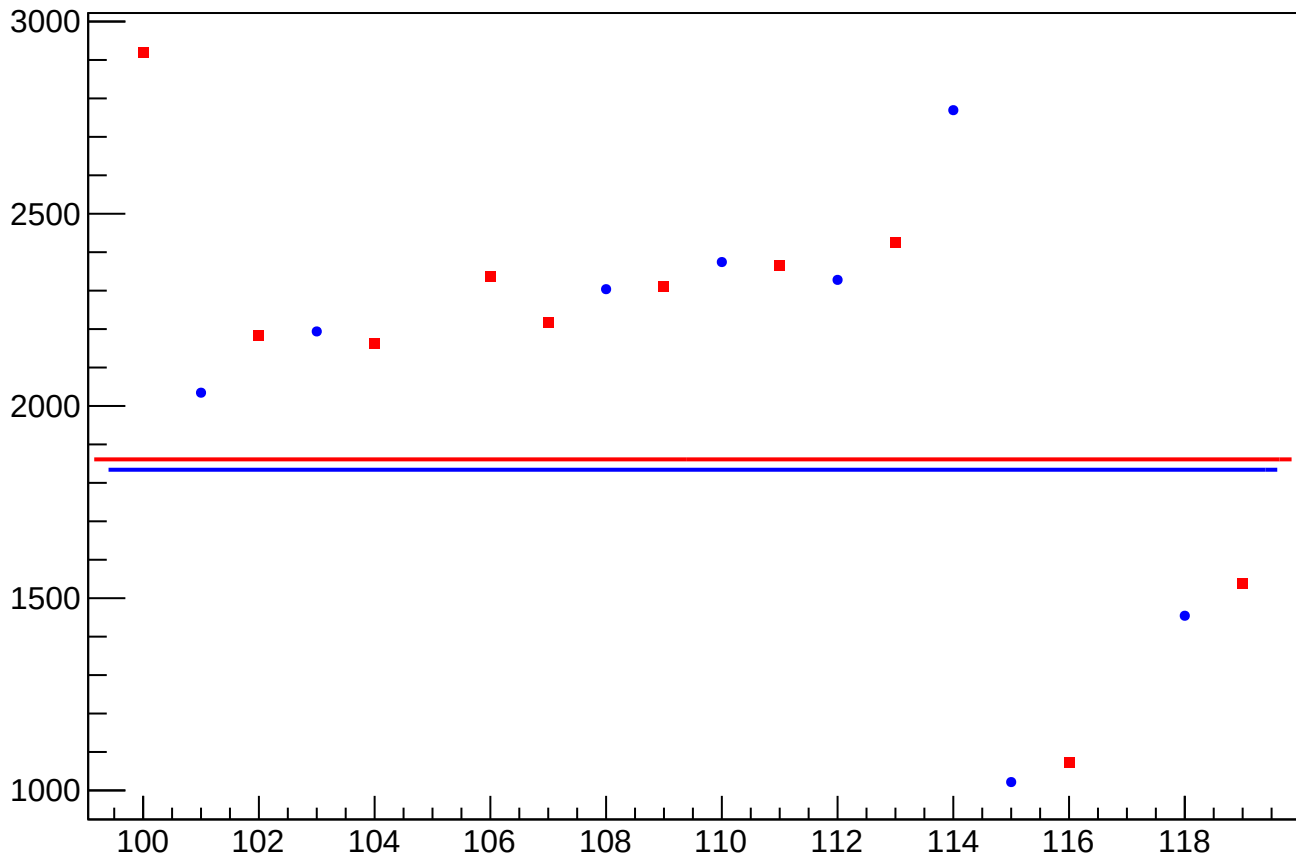
Right: 716.377+/-705.283 χ^2/NDF : 11.1/17

In: -201.158+/-1041.439 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.377+/-705.283 χ^2/NDF : 11.1/17

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1834.125+/-0.736 χ^2/NDF : 441427.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1861.105+/-0.678 χ^2/NDF : 565967.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

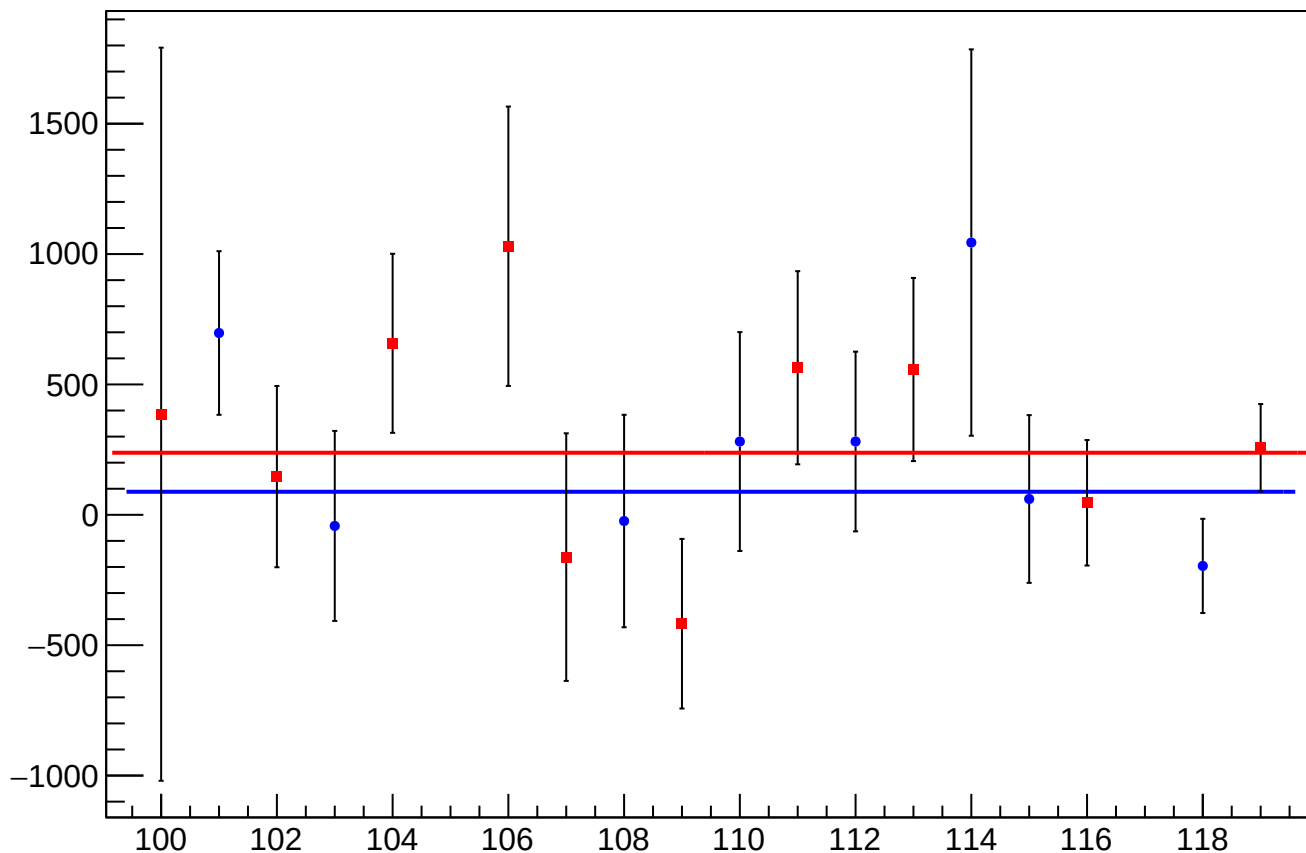
Right: 1848.731+/-0.499 χ^2/NDF : 1008121.0/17

In: 1834.125+/-0.736 χ^2/NDF : 441427.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1848.731+/-0.499 χ^2/NDF : 1008121.0/17

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 88.442+/-111.857 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.114+/-98.562 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

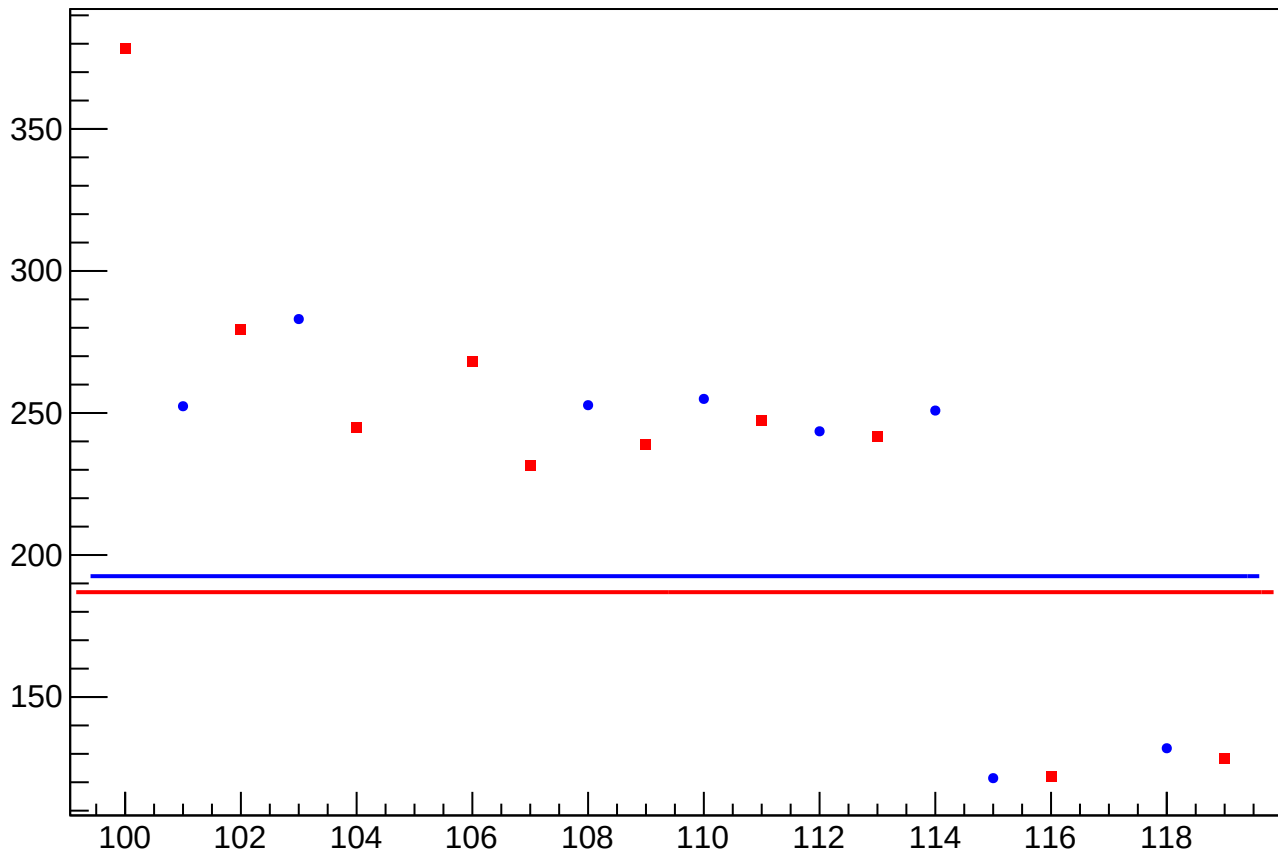
Right: 172.697+/-73.950 χ^2/NDF : 20.4/17

In: 88.442+/-111.857 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.697+/-73.950 χ^2/NDF : 20.4/17

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 192.551+/-0.079 χ^2/NDF : 662770.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.921+/-0.070 χ^2/NDF : 842582.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

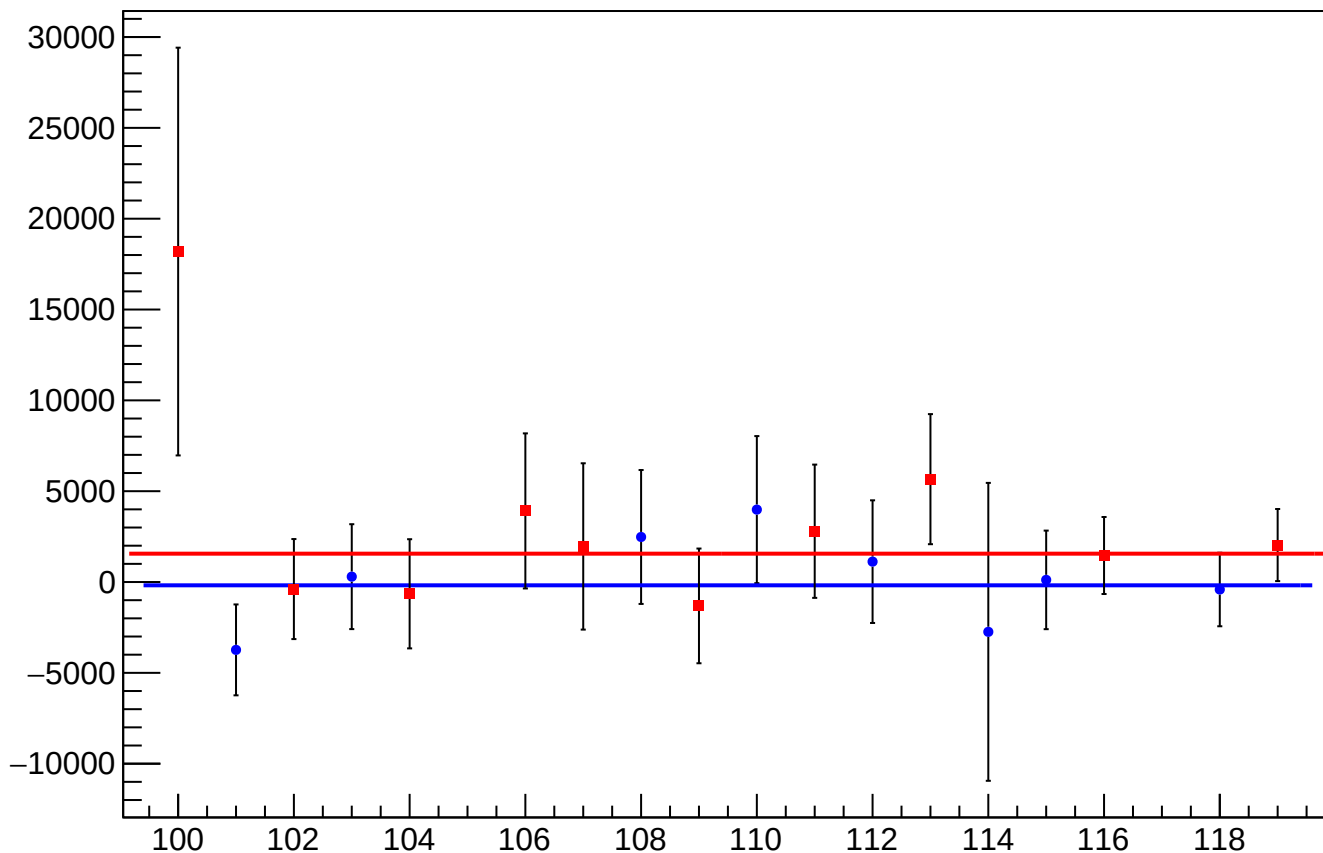
Right: 189.382+/-0.052 χ^2/NDF : 1508205.2/17

In: 192.551+/-0.079 χ^2/NDF : 662770.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.382+/-0.052 χ^2/NDF : 1508205.2/17

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -181.150+/-1055.912 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1560.707+/-961.194 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

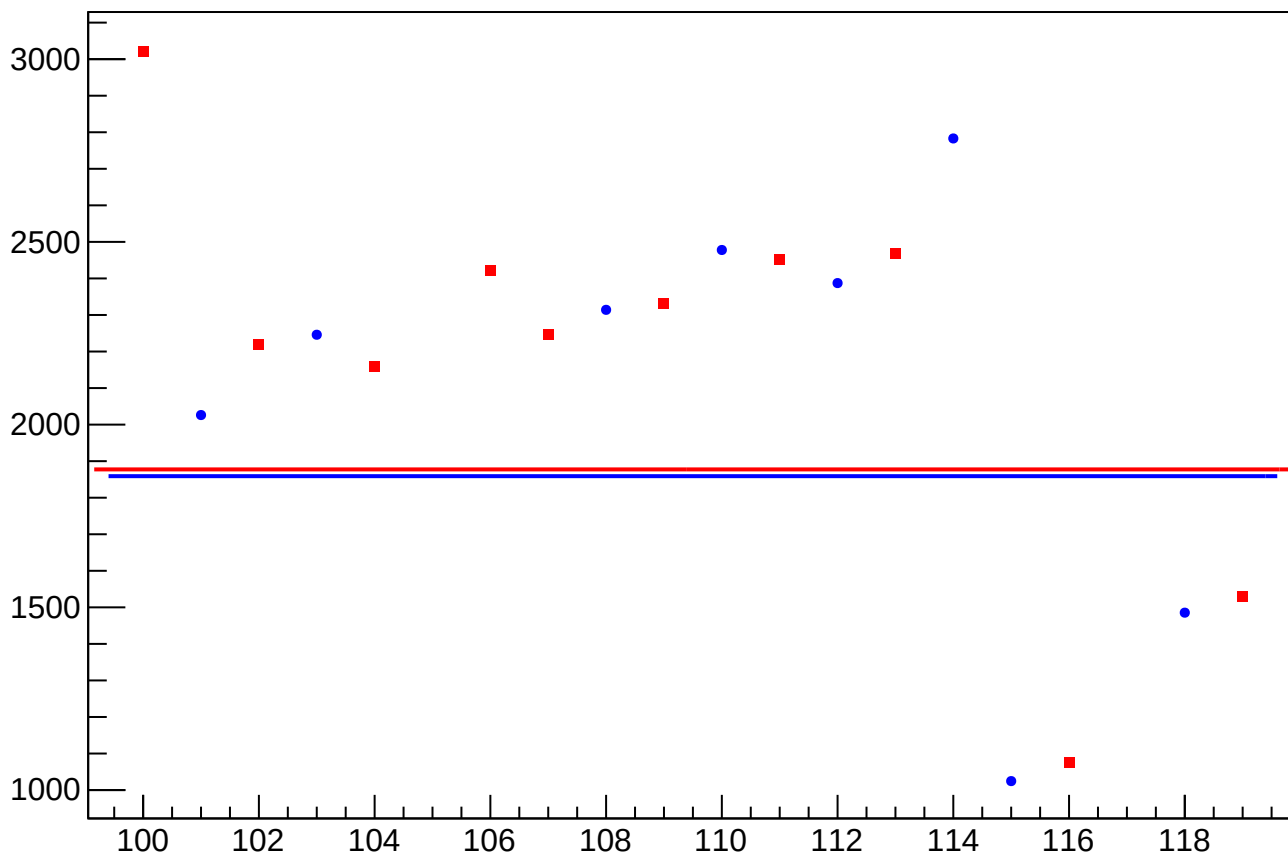
Right: 771.391+/-710.799 χ^2/NDF : 11.3/17

In: -181.150+/-1055.912 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.391+/-710.799 χ^2/NDF : 11.3/17

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1858.951+/-0.747 χ^2/NDF : 453786.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.455+/-0.680 χ^2/NDF : 607185.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

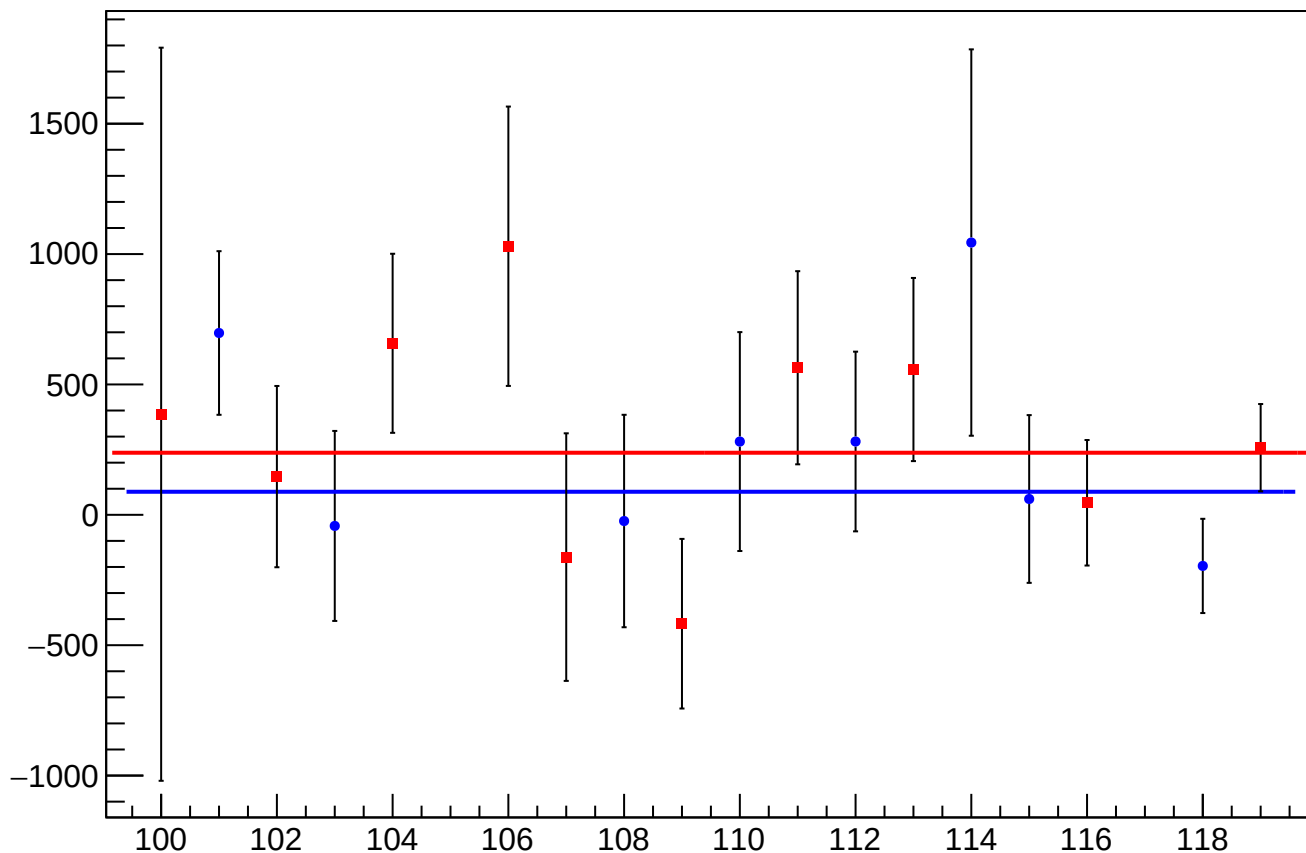
Right: 1869.070+/-0.503 χ^2/NDF : 1061308.3/17

In: 1858.951+/-0.747 χ^2/NDF : 453786.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.070+/-0.503 χ^2/NDF : 1061308.3/17

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 88.441+/-111.857 χ^2/NDF : 8.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.112+/-98.562 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

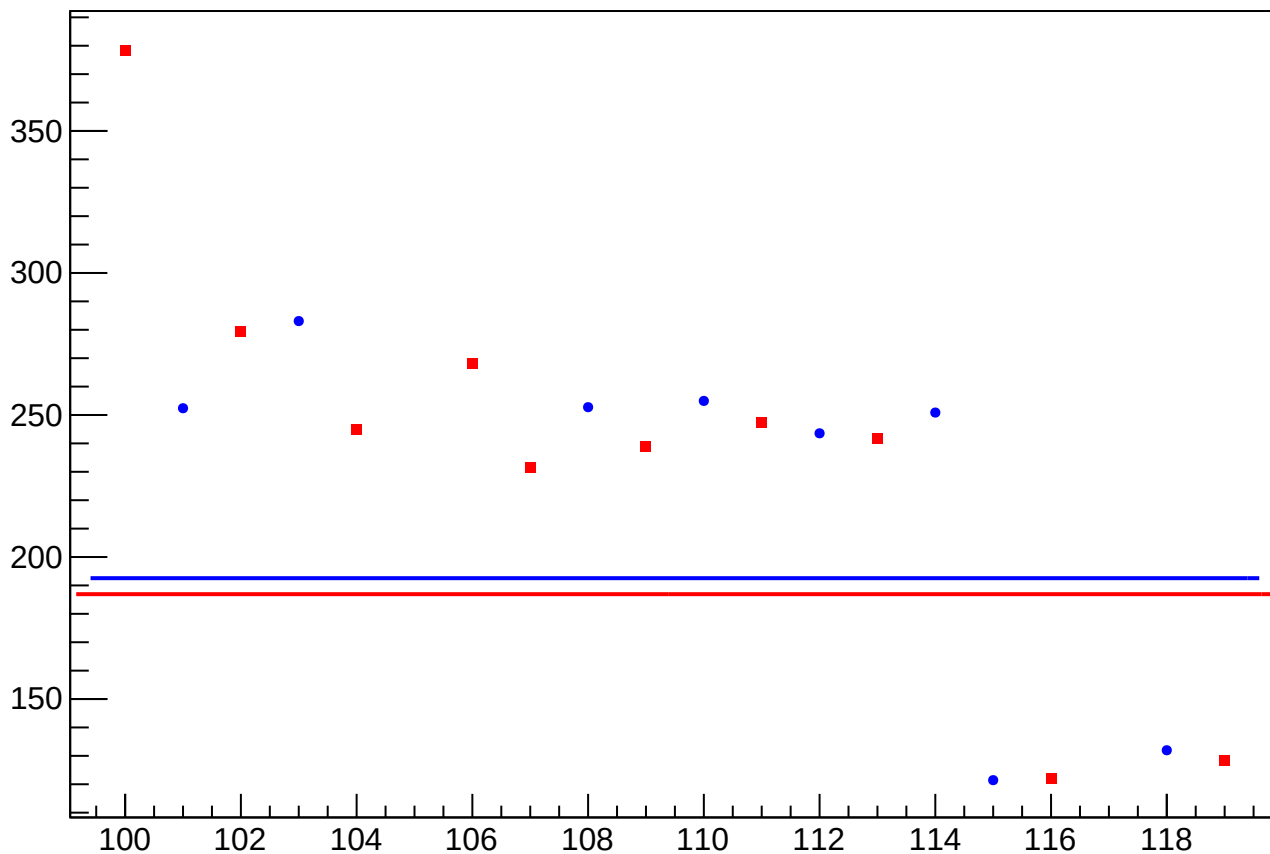
Right: 172.696+/-73.950 χ^2/NDF : 20.4/17

In: 88.441+/-111.857 χ^2/NDF : 8.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.696+/-73.950 χ^2/NDF : 20.4/17

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 192.550+/-0.079 χ^2/NDF : 662756.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.921+/-0.070 χ^2/NDF : 842554.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

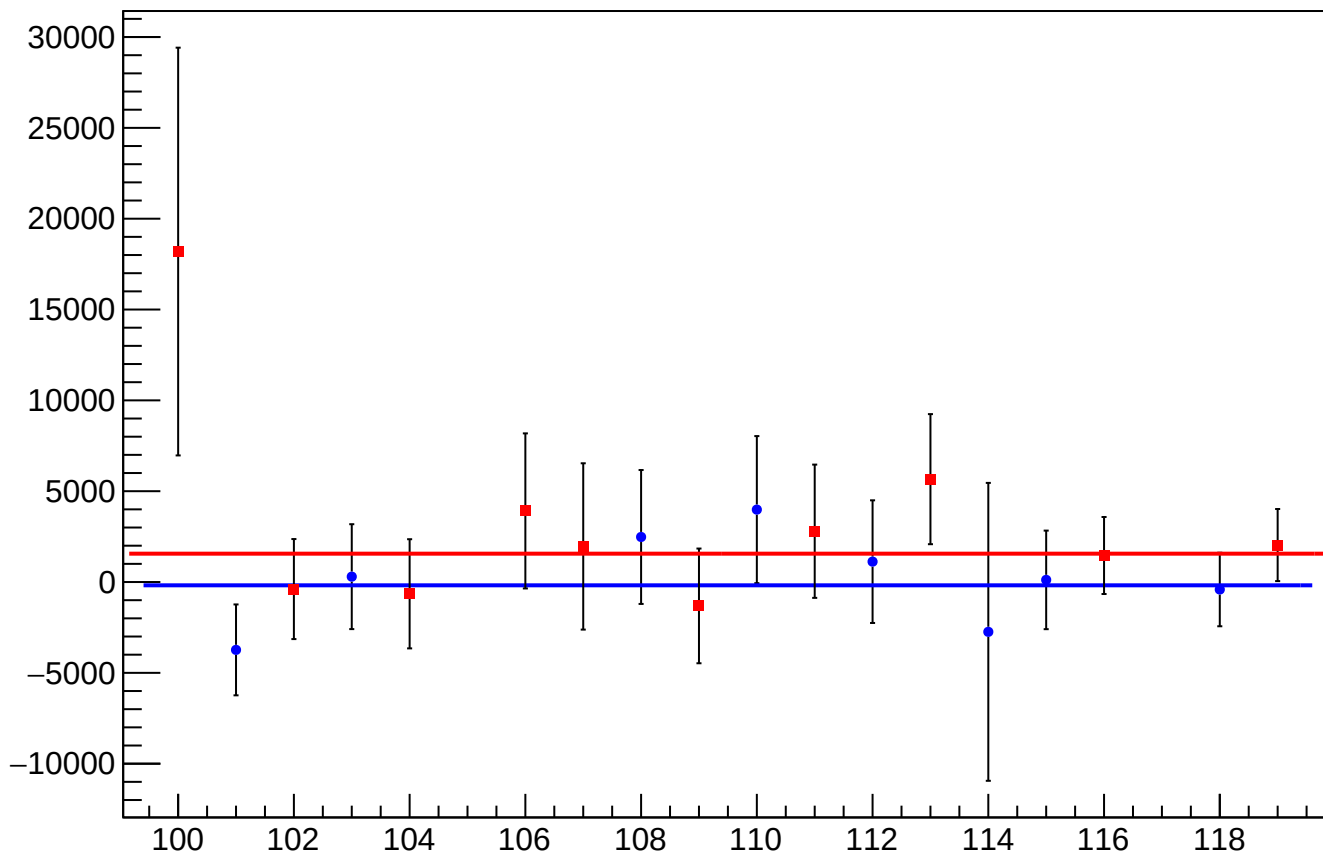
Right: 189.381+/-0.052 χ^2/NDF : 1508162.3/17

In: 192.550+/-0.079 χ^2/NDF : 662756.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.381+/-0.052 χ^2/NDF : 1508162.3/17

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -181.148 $\pm$ 1055.909 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1560.707 $\pm$ 961.192 χ^2 /NDF: 5.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

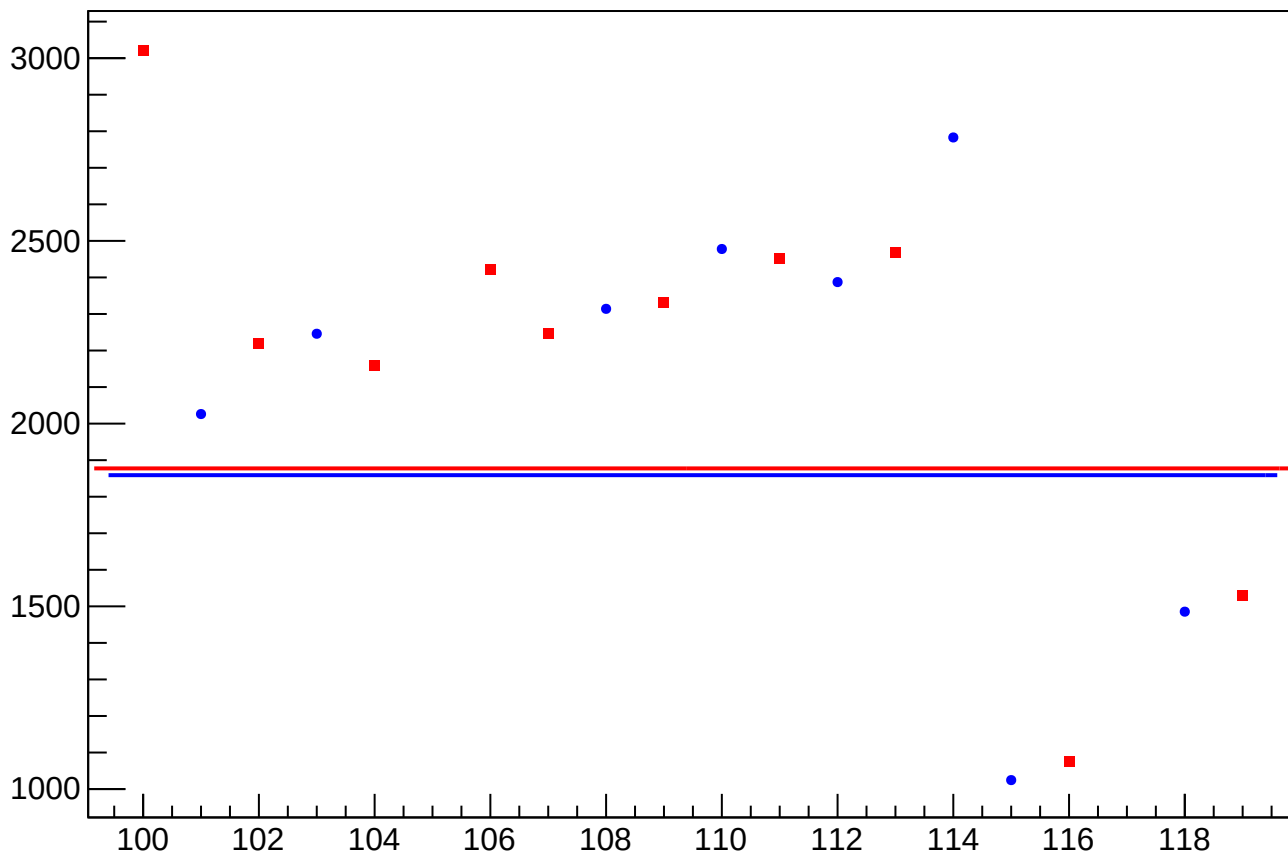
Right: 771.392 $\pm$ 710.797 χ^2 /NDF: 11.3/17

In: -181.148 $\pm$ 1055.909 χ^2 /NDF:3.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 771.392 $\pm$ 710.797 χ^2 /NDF: 11.3/17

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1858.948+/-0.747 χ^2/NDF : 453777.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.452+/-0.680 χ^2/NDF : 607176.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

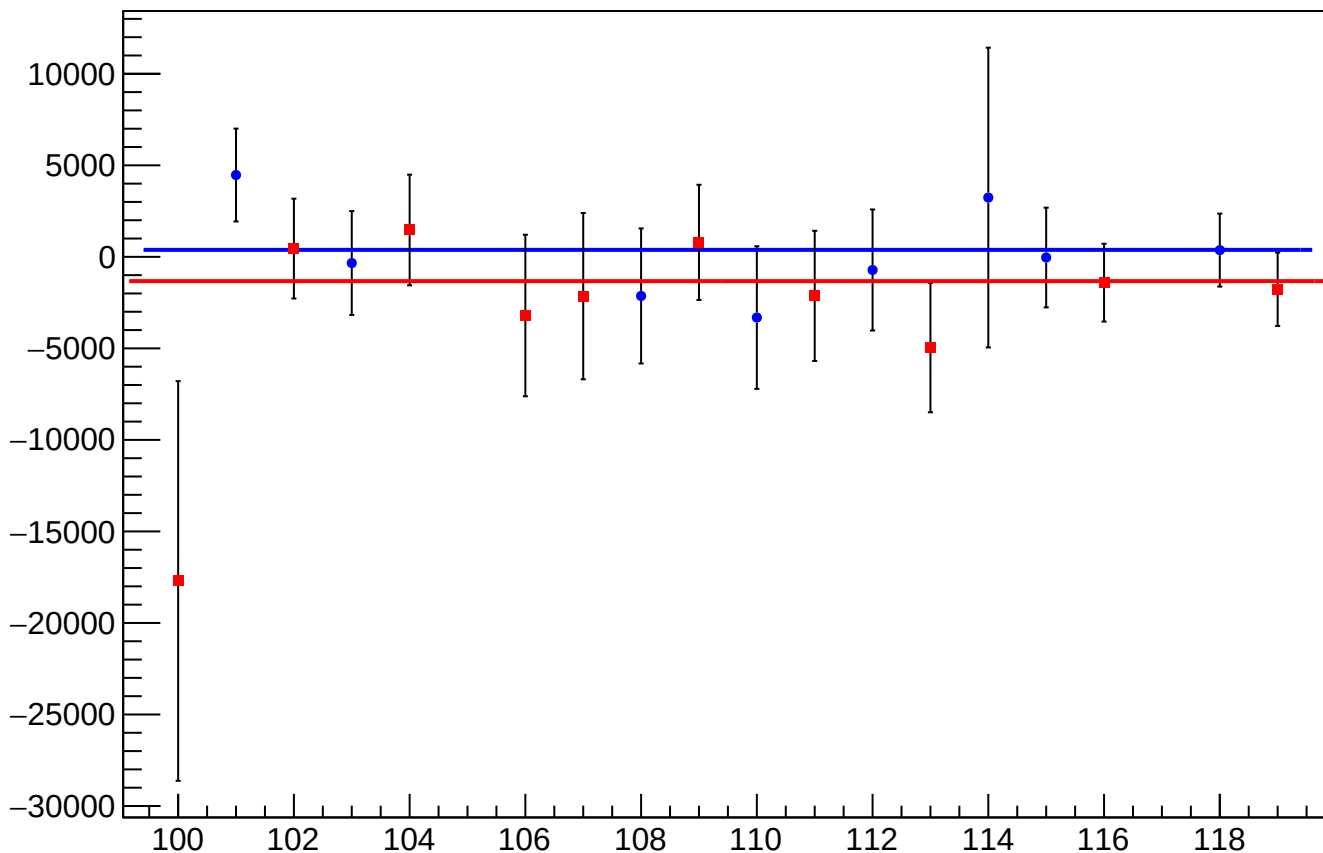
Right: 1869.067+/-0.503 χ^2/NDF : 1061290.6/17

In: 1858.948+/-0.747 χ^2/NDF : 453777.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.067+/-0.503 χ^2/NDF : 1061290.6/17

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 382.133+/-1047.030 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1325.444+/-960.901 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

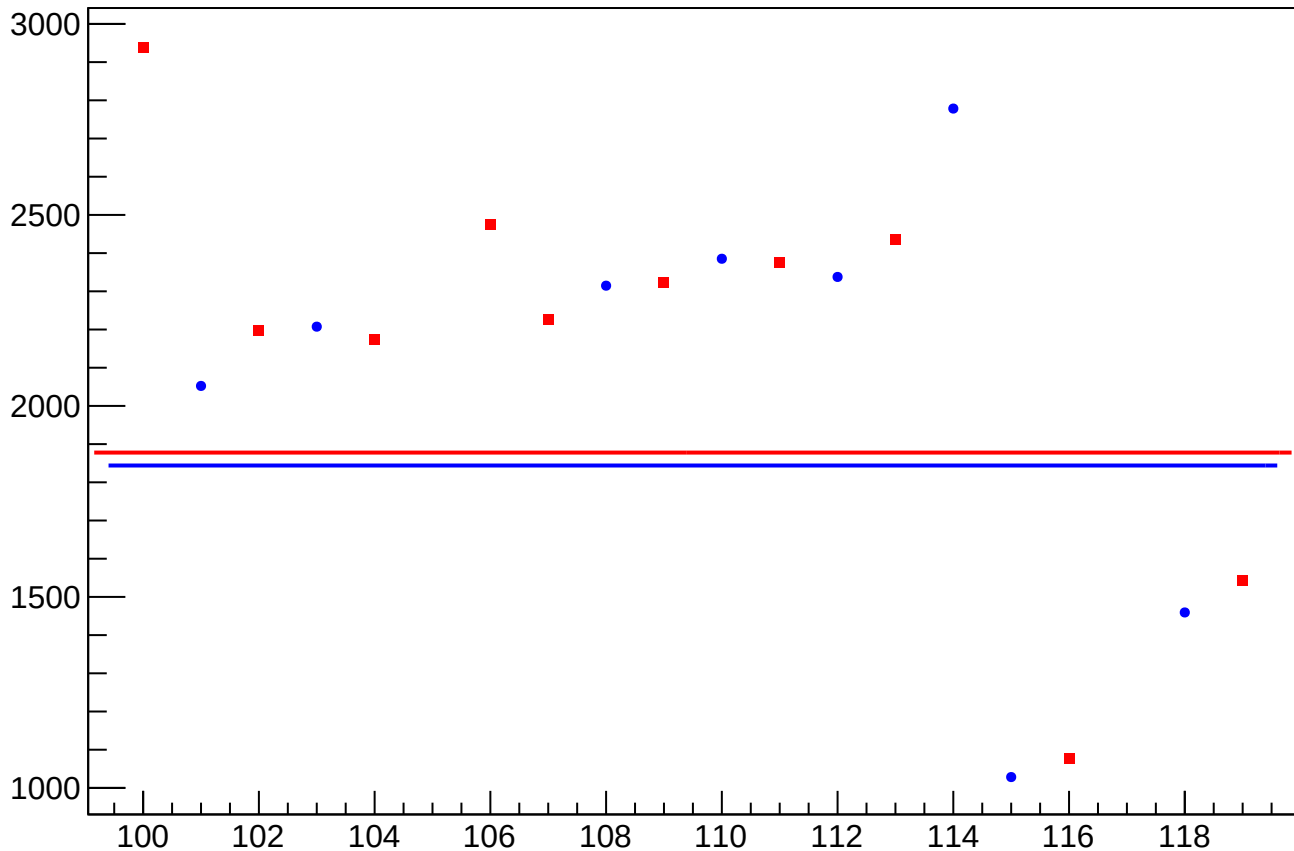
Right: -544.767+/-707.954 χ^2/NDF : 11.1/17

In: 382.133+/-1047.030 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -544.767+/-707.954 χ^2/NDF : 11.1/17

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1844.003+/-0.740 χ^2/NDF : 441992.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.855+/-0.679 χ^2/NDF : 581879.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

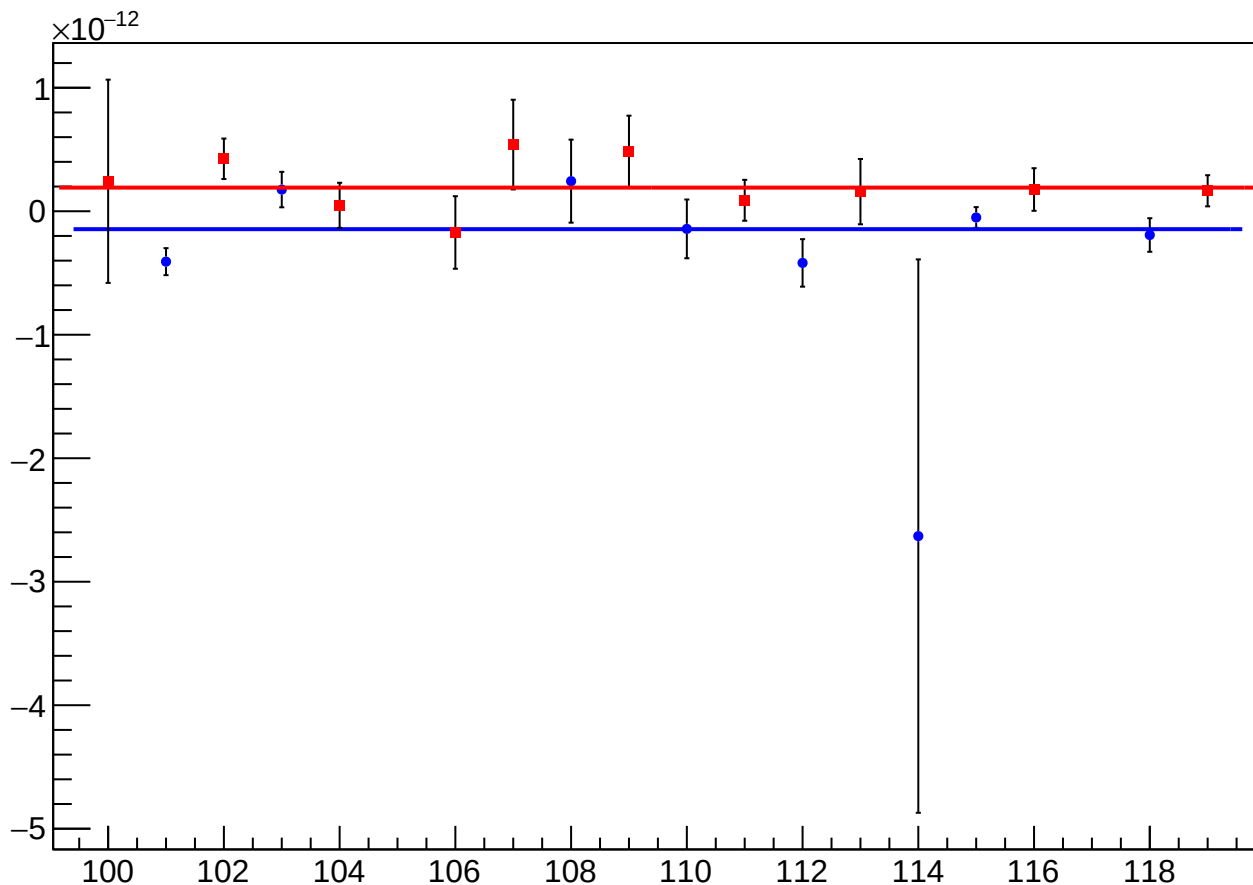
Right: 1862.378+/-0.501 χ^2/NDF : 1025007.0/17

In: 1844.003+/-0.740 χ^2/NDF : 441992.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1862.378+/-0.501 χ^2/NDF : 1025007.0/17

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 16.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 6.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

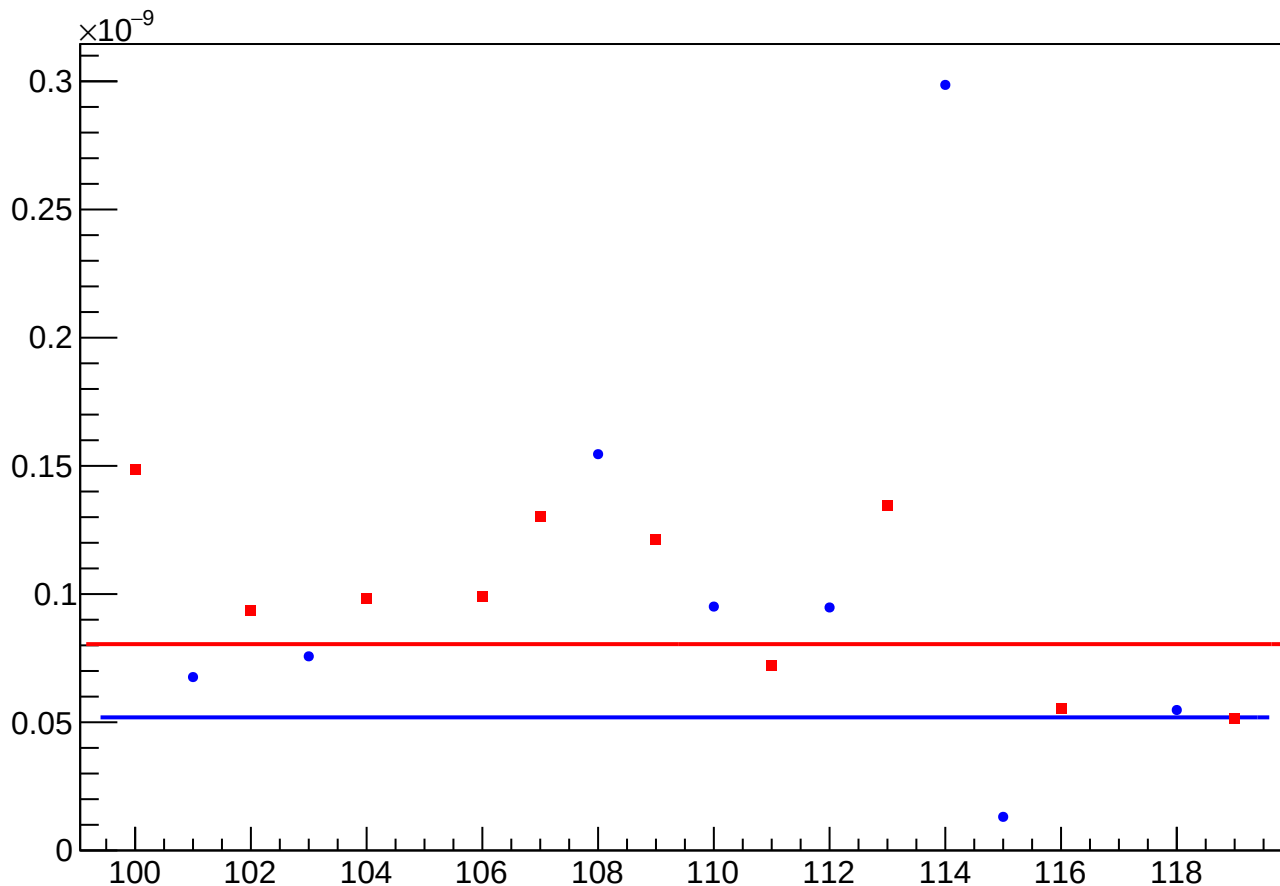
Right: -0.000 ± 0.000 χ^2/NDF : 40.3/17

In: -0.000 ± 0.000 χ^2/NDF : 16.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 40.3/17

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 900723.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 366416.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

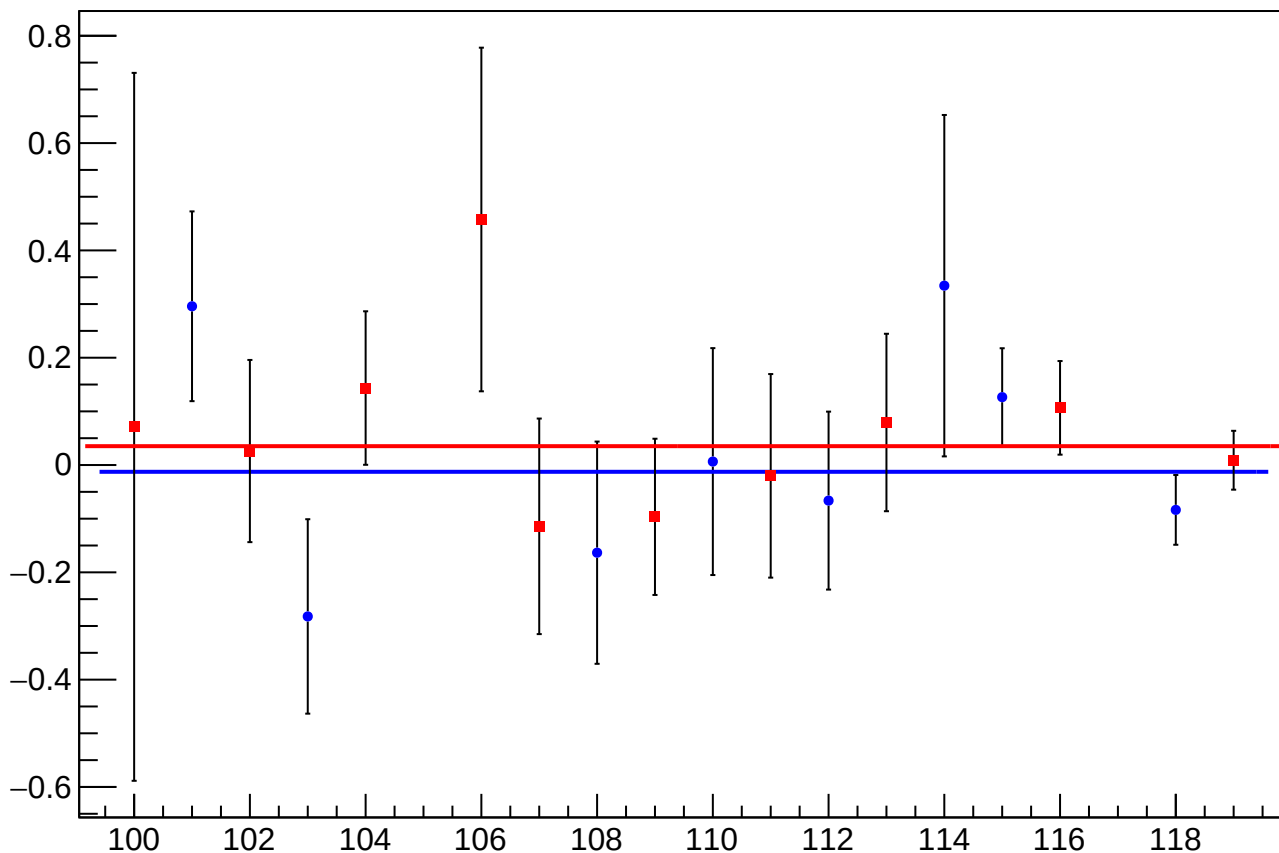
Right: 0.000+/-0.000 χ^2/NDF : 1511988.1/17

In: 0.000+/-0.000 χ^2/NDF : 900723.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1511988.1/17

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.044 χ^2/NDF : 10.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.038 χ^2/NDF : 4.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

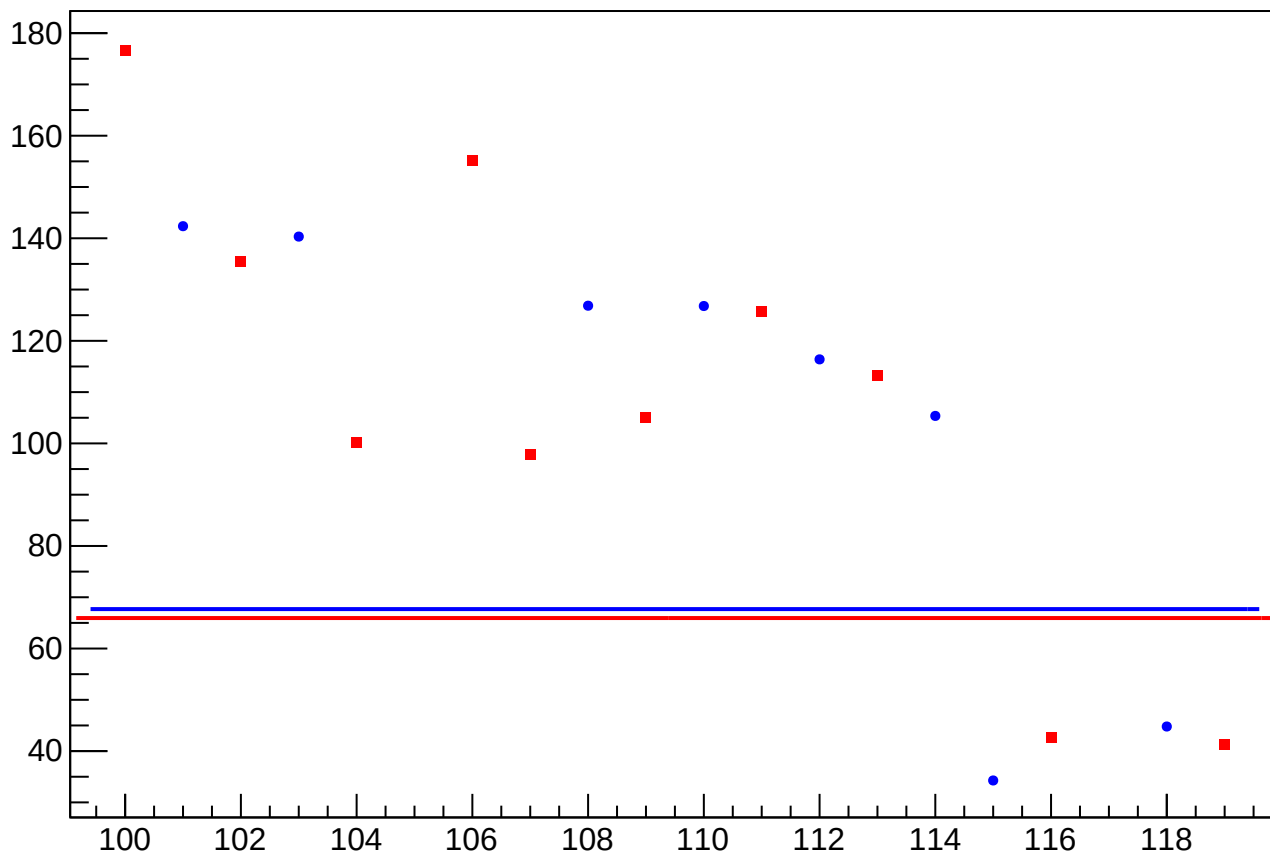
Right: 0.015 ± 0.029 χ^2/NDF : 16.0/17

In: -0.013 ± 0.044 χ^2/NDF : 10.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.029 χ^2/NDF : 16.0/17

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.691+/-0.031 χ^2/NDF : 1715098.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.945+/-0.027 χ^2/NDF : 1764176.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

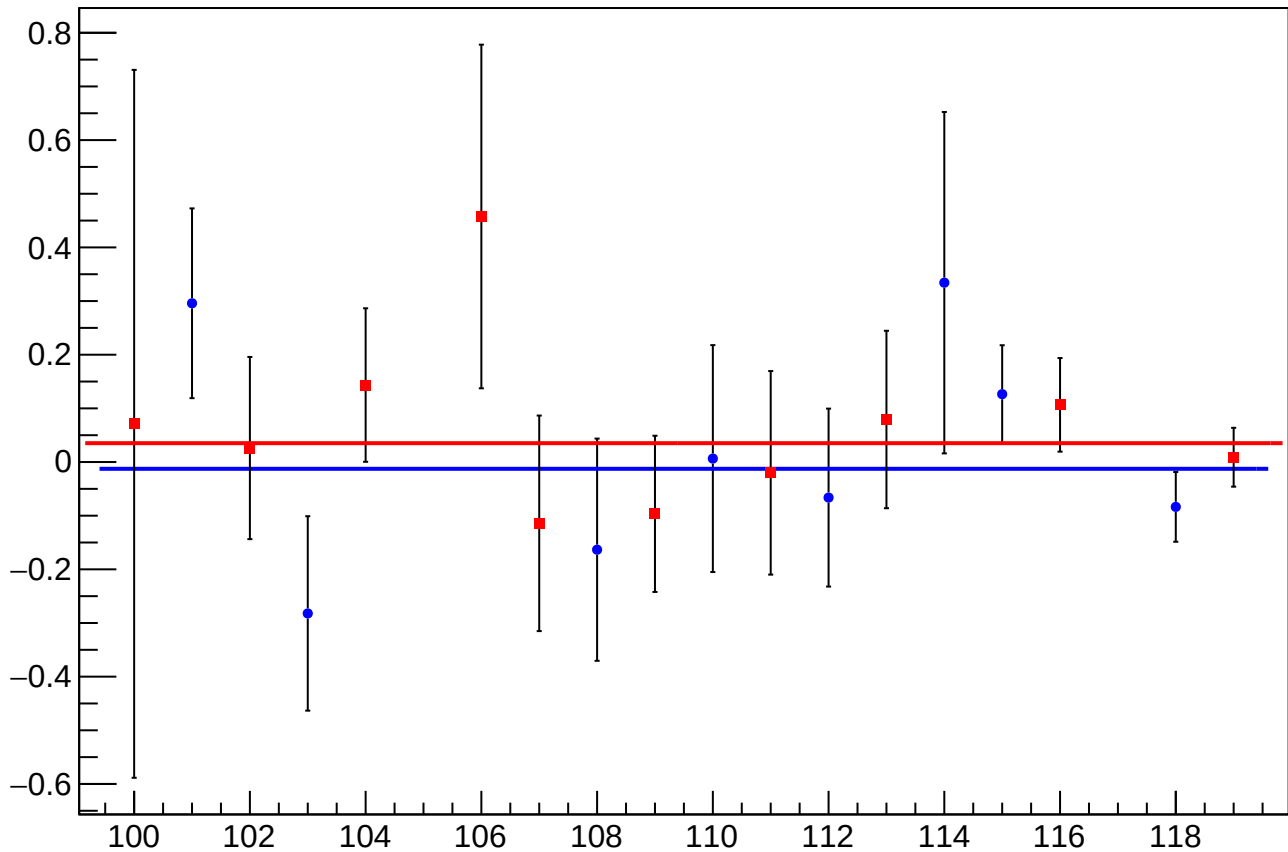
Right: 66.685+/-0.020 χ^2/NDF : 3481072.7/17

In: 67.691+/-0.031 χ^2/NDF : 1715098.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.685+/-0.020 χ^2/NDF : 3481072.7/17

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013 ± 0.044 χ^2/NDF : 10.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.035 ± 0.038 χ^2/NDF : 4.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

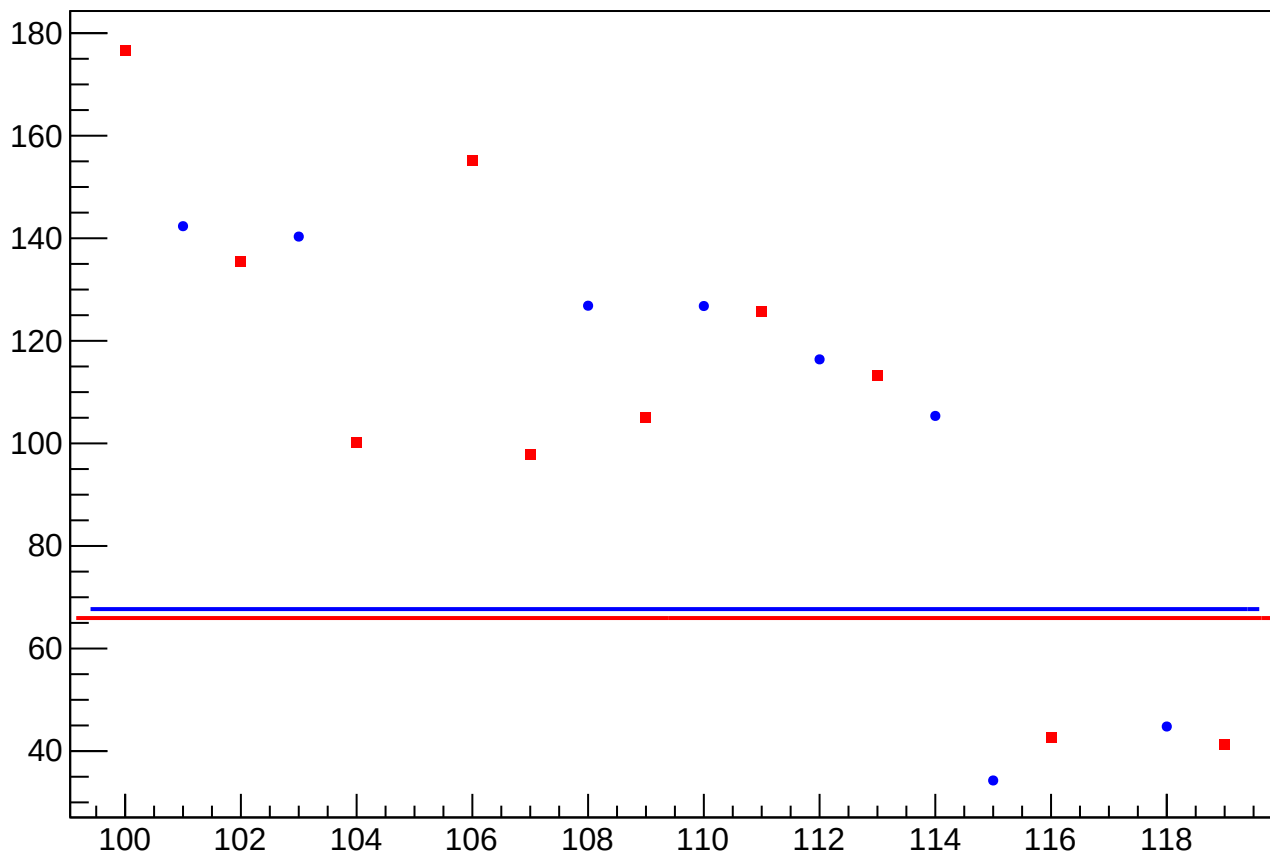
Right: 0.015 ± 0.029 χ^2/NDF : 16.0/17

In: -0.013 ± 0.044 χ^2/NDF : 10.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.015 ± 0.029 χ^2/NDF : 16.0/17

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.691+/-0.031 χ^2/NDF : 1715098.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.945+/-0.027 χ^2/NDF : 1764176.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

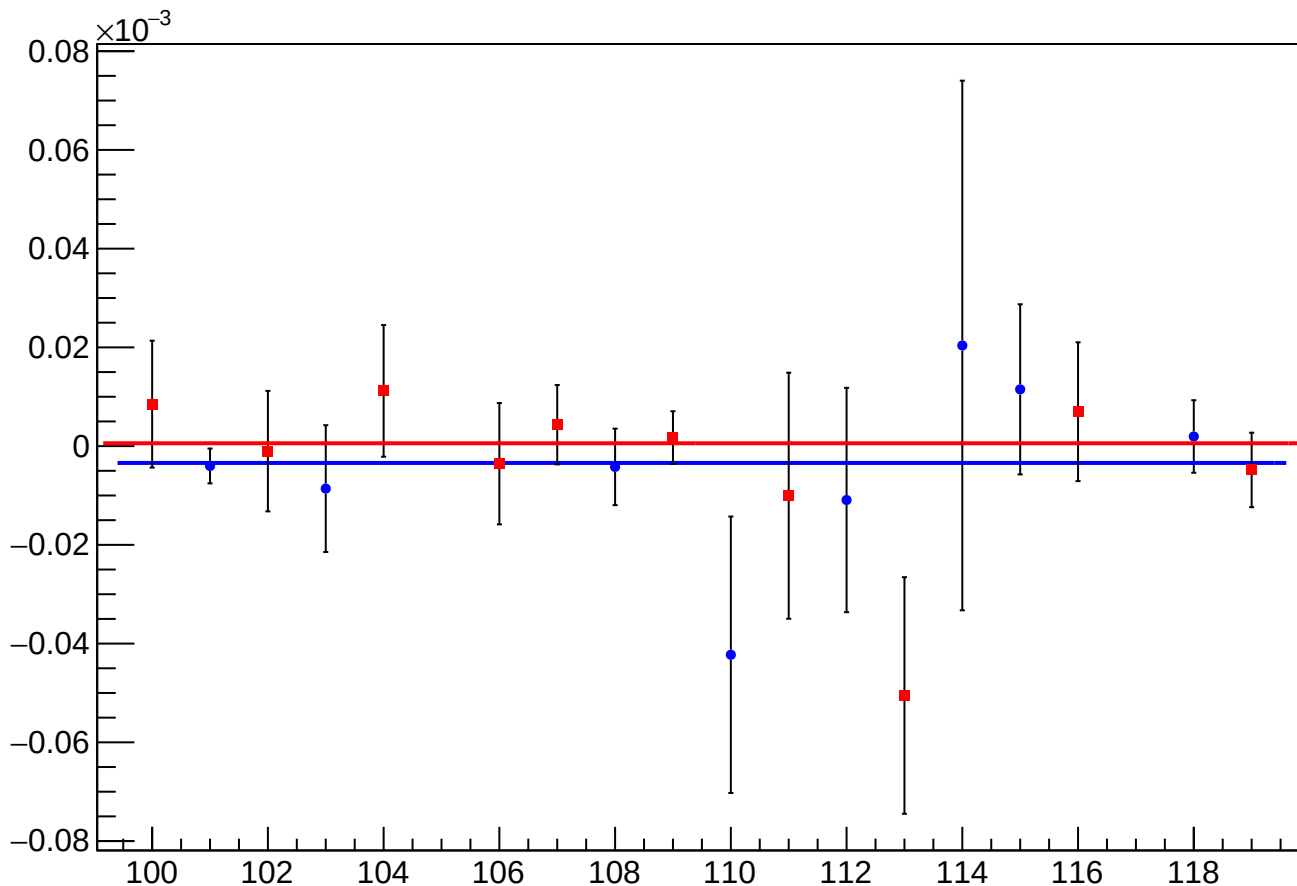
Right: 66.685+/-0.020 χ^2/NDF : 3481072.7/17

In: 67.691+/-0.031 χ^2/NDF : 1715098.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.685+/-0.020 χ^2/NDF : 3481072.7/17

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

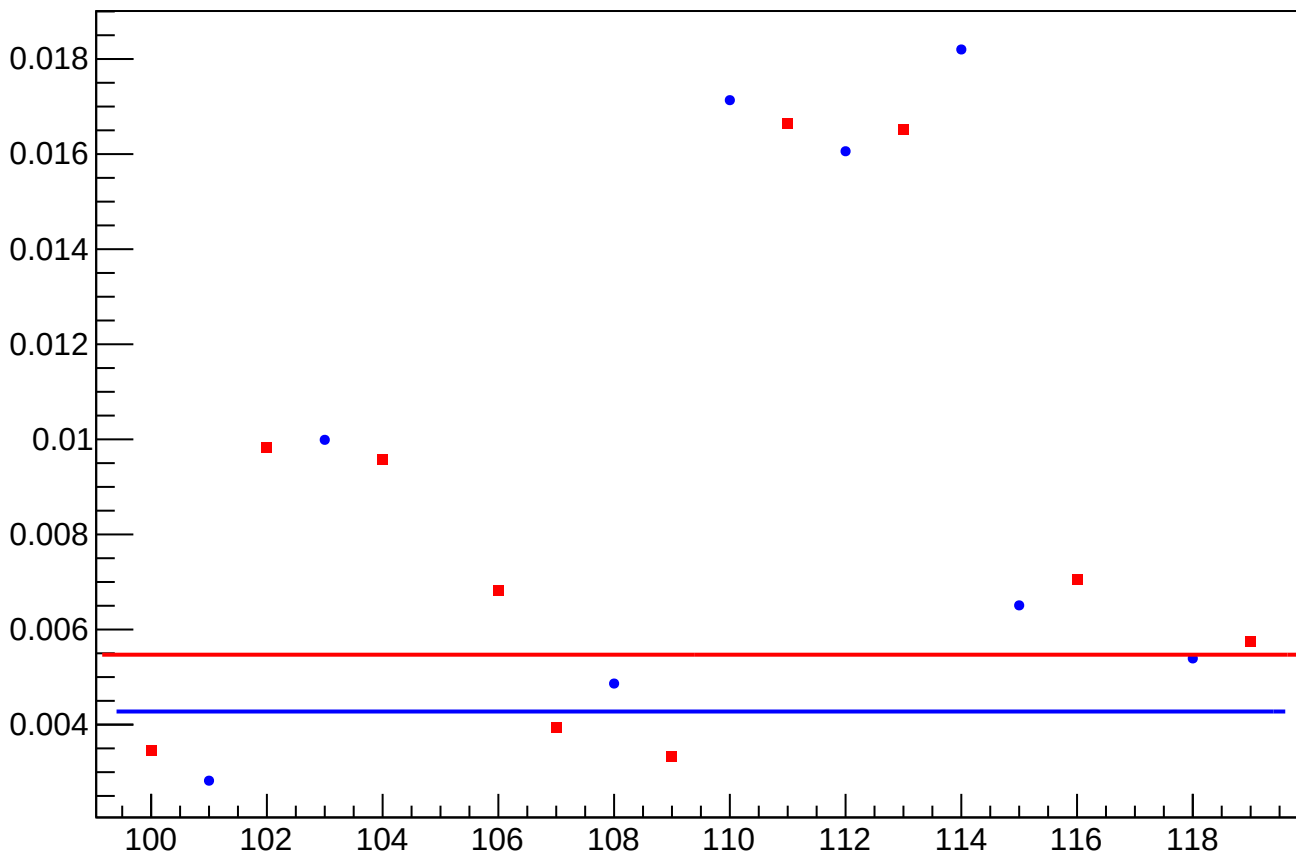
Right: -0.000+/-0.000 χ^2/NDF : 11.5/17

In: -0.000+/-0.000 χ^2/NDF :3.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/17

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 1921441.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1767839.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

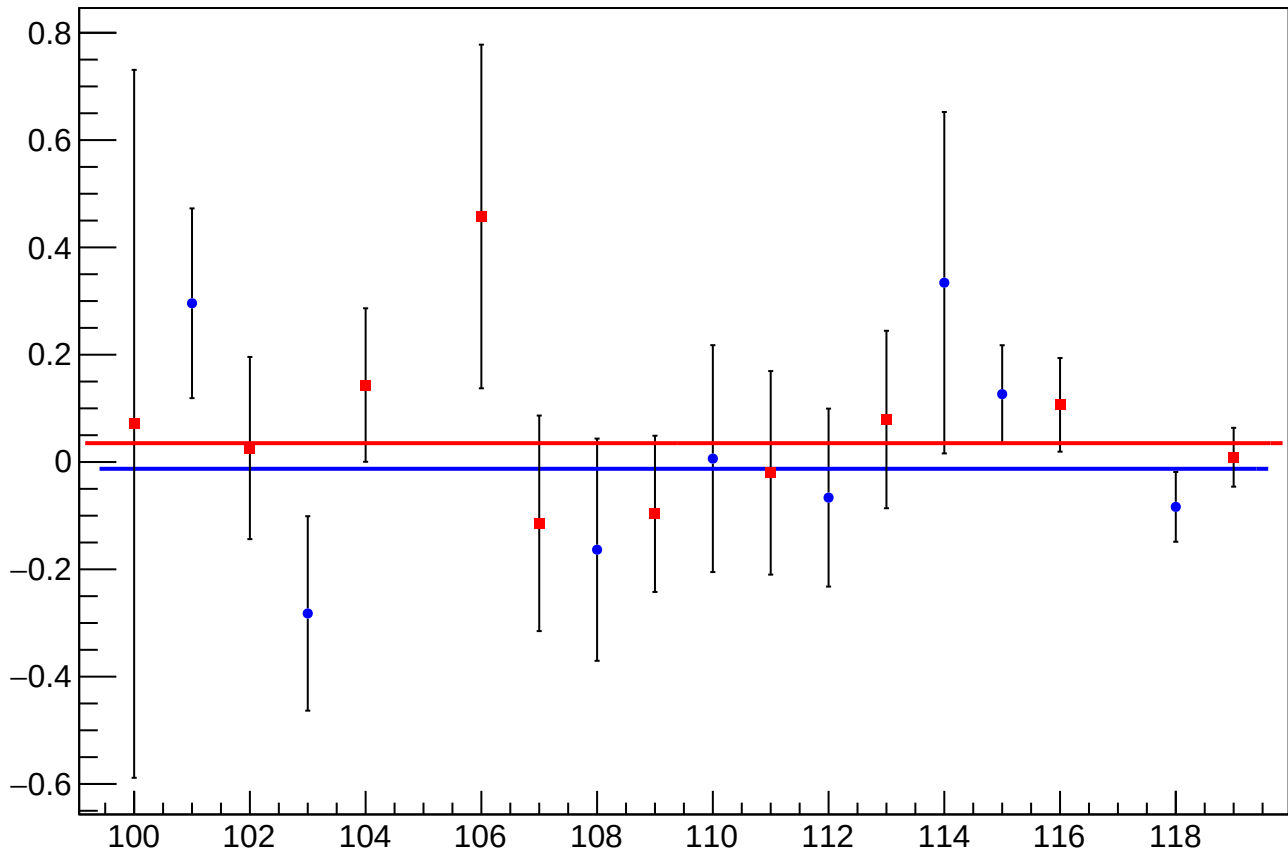
Right: 0.005+/-0.000 χ^2/NDF : 3851378.5/17

In: 0.004+/-0.000 χ^2/NDF :1921441.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3851378.5/17

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.044 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.038 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

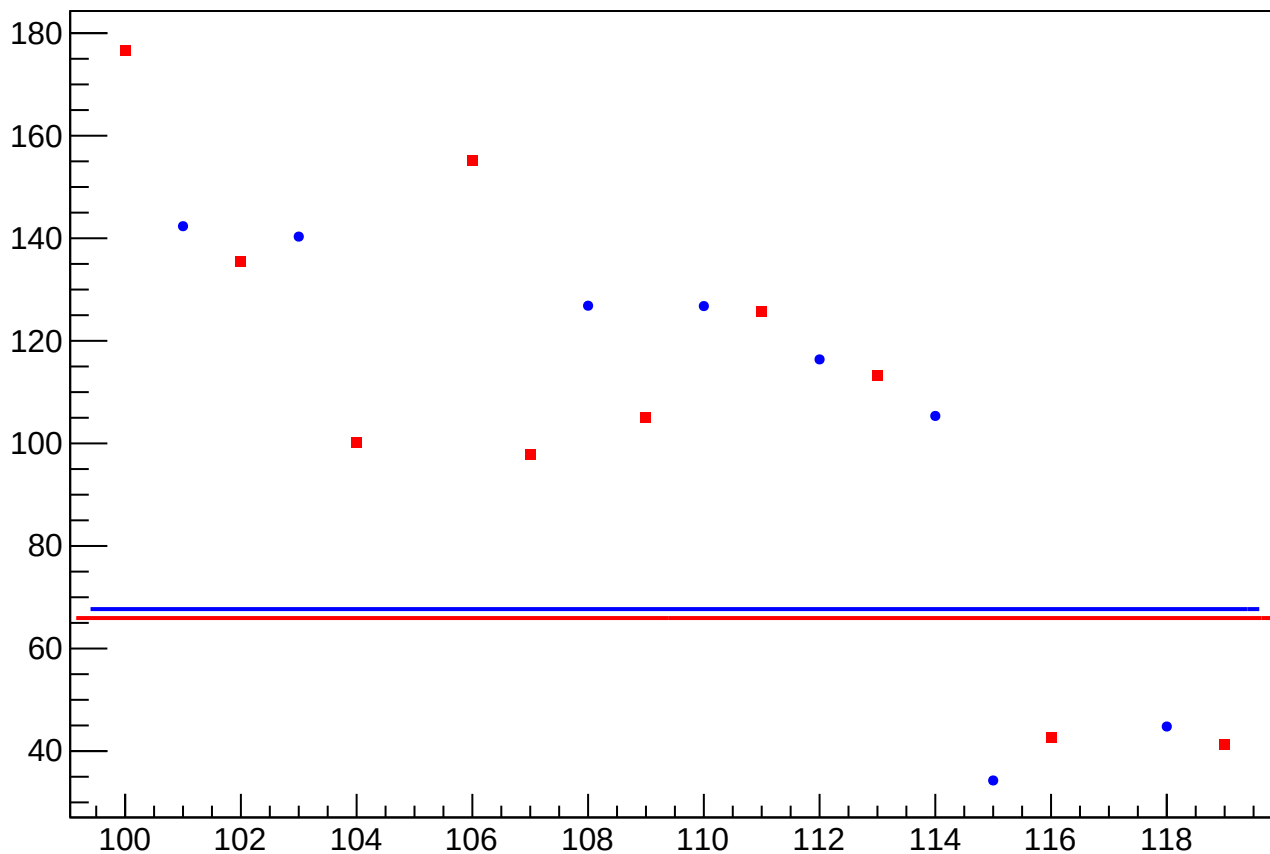
Right: 0.015+/-0.029 χ^2/NDF : 16.0/17

In: -0.013+/-0.044 χ^2/NDF : 10.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.029 χ^2/NDF : 16.0/17

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.693+/-0.031 χ^2/NDF : 1714963.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.946+/-0.027 χ^2/NDF : 1764076.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

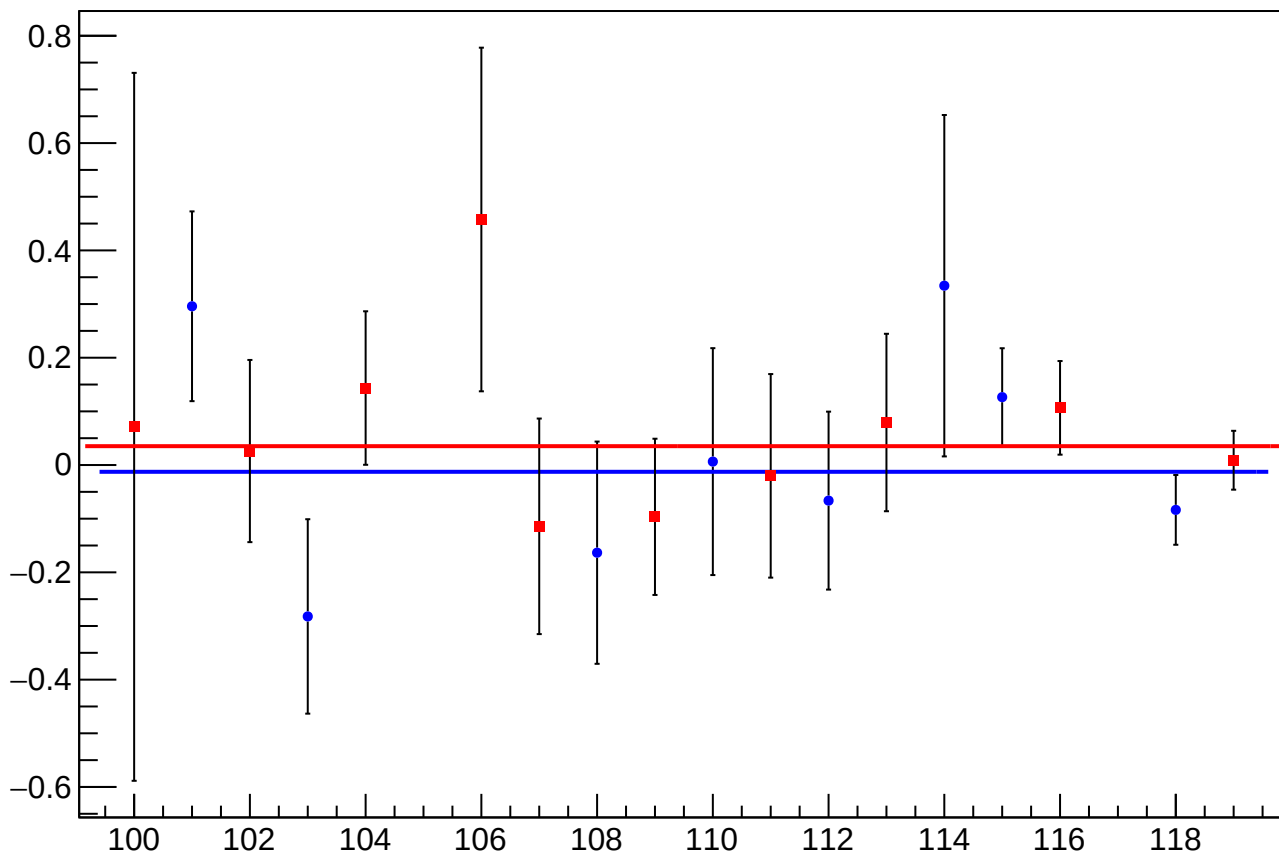
Right: 66.686+/-0.020 χ^2/NDF : 3480840.0/17

In: 67.693+/-0.031 χ^2/NDF : 1714963.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.686+/-0.020 χ^2/NDF : 3480840.0/17

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.013+/-0.044 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.038 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

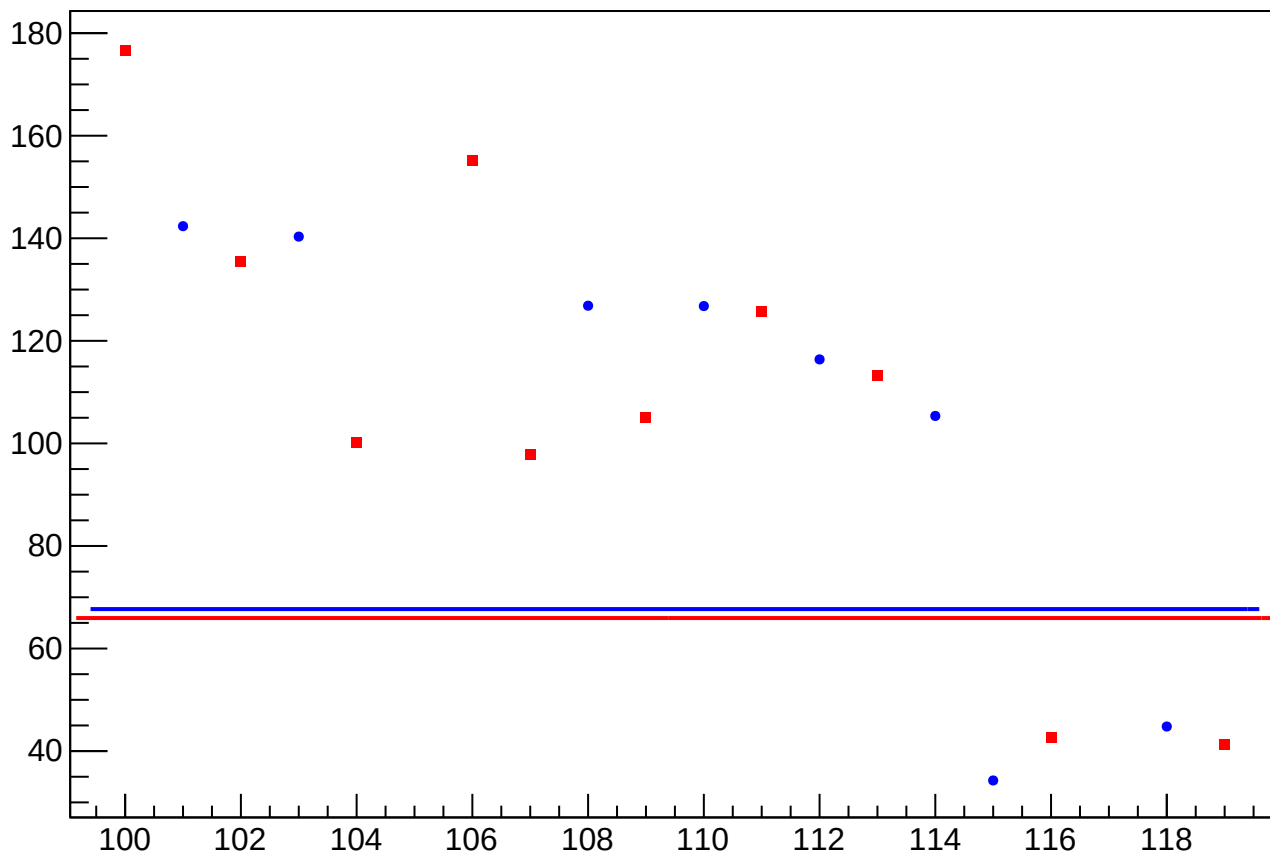
Right: 0.015+/-0.029 χ^2/NDF : 16.0/17

In: -0.013+/-0.044 χ^2/NDF :10.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.029 χ^2/NDF : 16.0/17

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 67.693+/-0.031 χ^2/NDF : 1714963.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.946+/-0.027 χ^2/NDF : 1764076.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

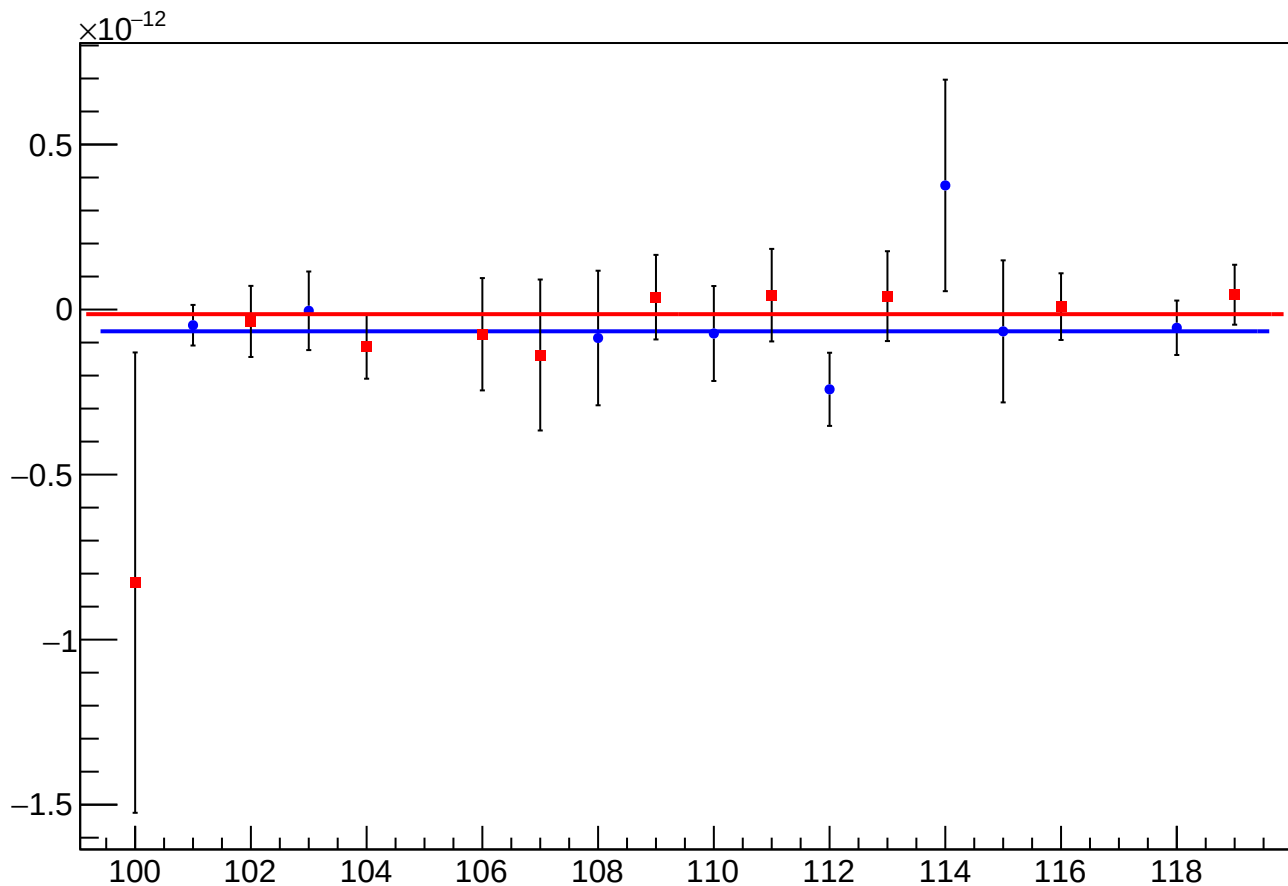
Right: 66.686+/-0.020 χ^2/NDF : 3480840.0/17

In: 67.693+/-0.031 χ^2/NDF : 1714963.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.686+/-0.020 χ^2/NDF : 3480840.0/17

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

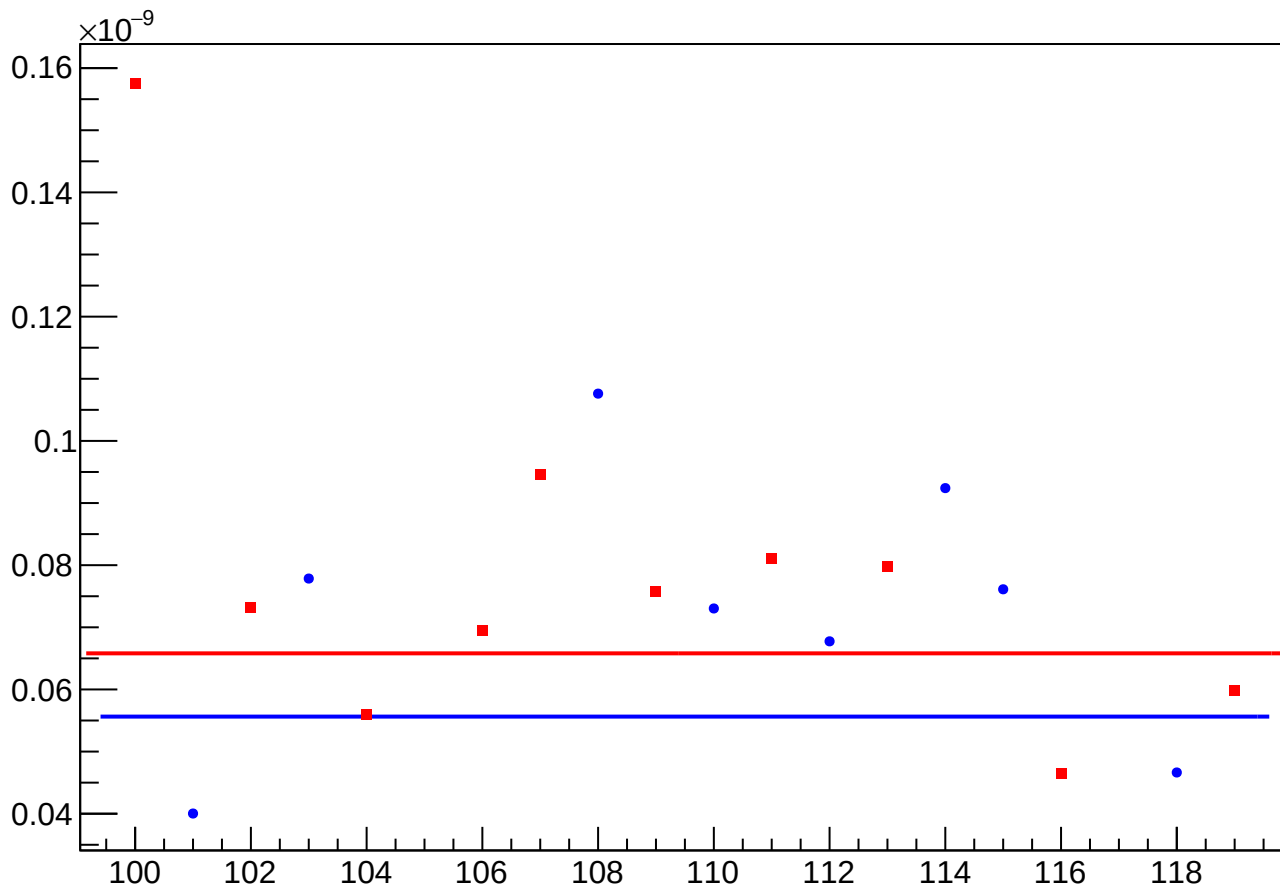
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/17

In: -0.000 $\pm$ 0.000 χ^2 /NDF:4.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/17

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 449874.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 235545.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

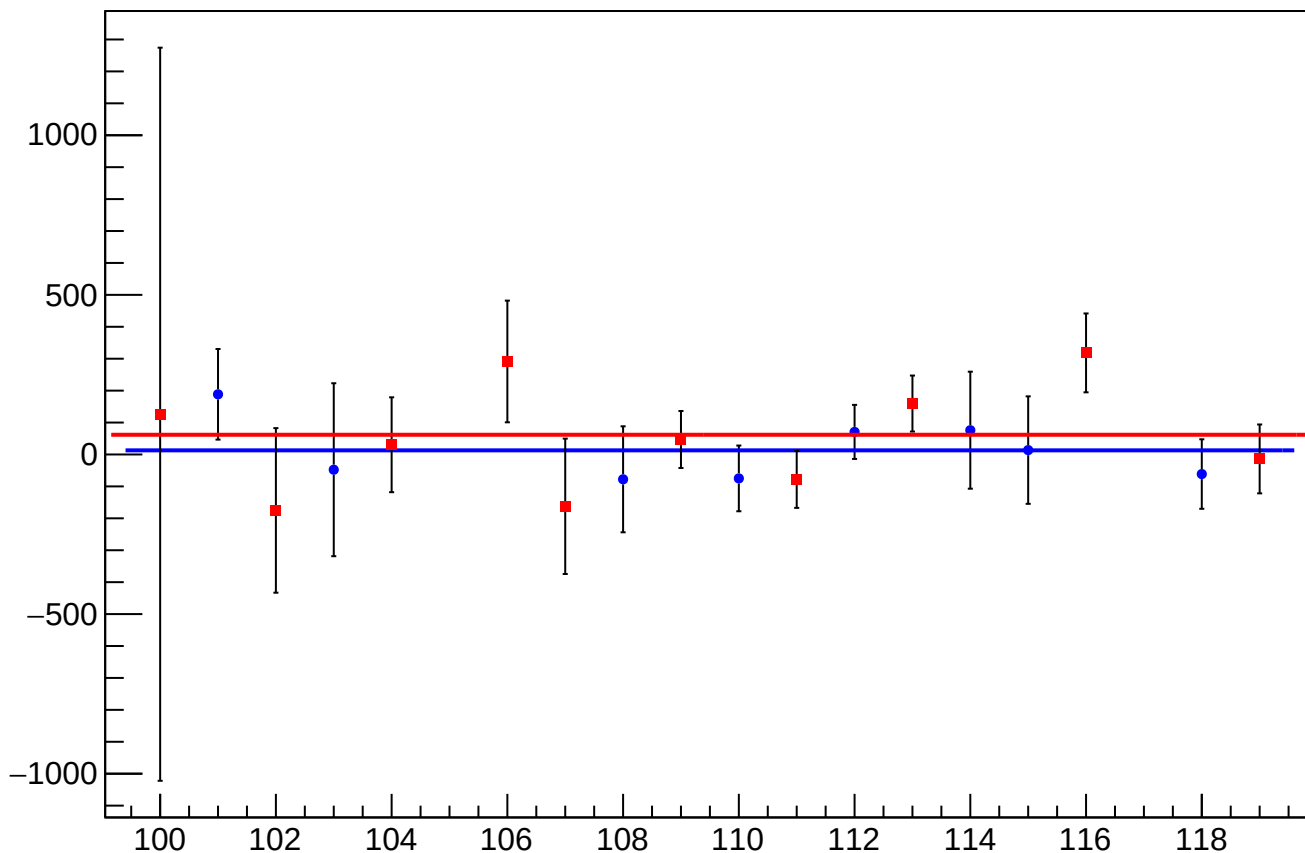
Right: 0.000+/-0.000 χ^2/NDF : 752728.4/17

In: 0.000+/-0.000 χ^2/NDF : 449874.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 752728.4/17

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.916+/-45.511 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.749+/-39.424 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

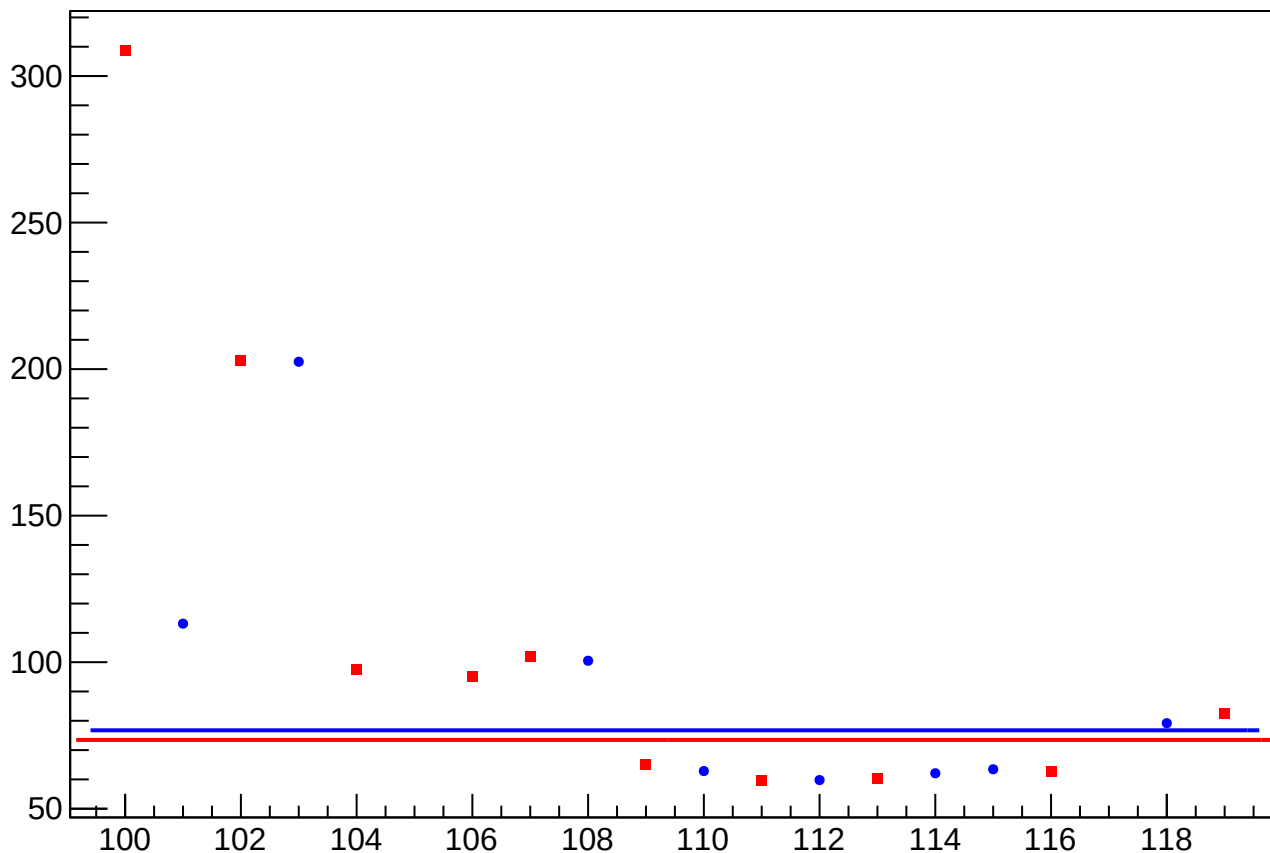
Right: 40.814+/-29.798 χ^2/NDF : 16.3/17

In: 12.916+/-45.511 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.814+/-29.798 χ^2/NDF : 16.3/17

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.758+/-0.032 χ^2/NDF : 746360.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.474+/-0.028 χ^2/NDF : 840480.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

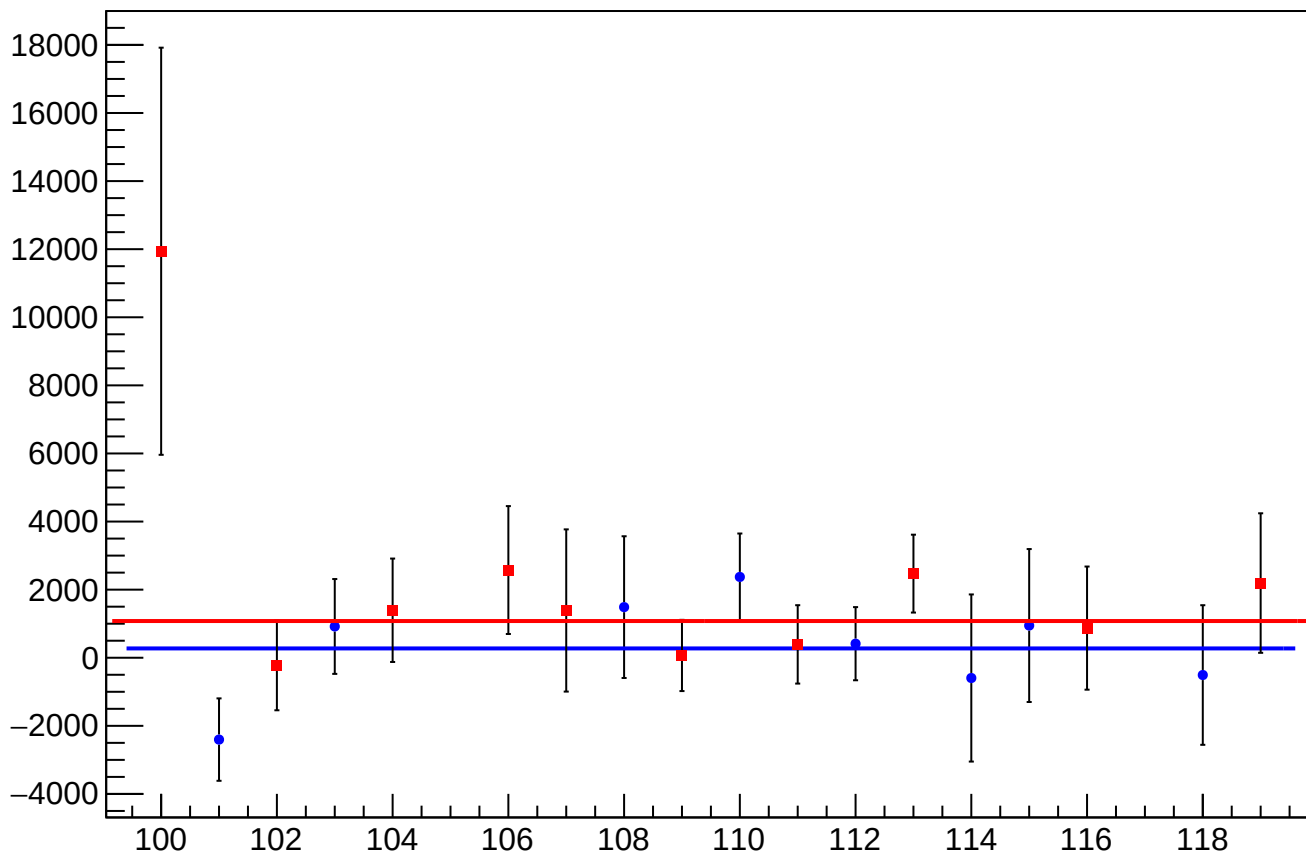
Right: 74.882+/-0.021 χ^2/NDF : 1592788.9/17

In: 76.758+/-0.032 χ^2/NDF : 746360.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.882+/-0.021 χ^2/NDF : 1592788.9/17

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 273.514+/-533.583 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1078.248+/-472.899 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

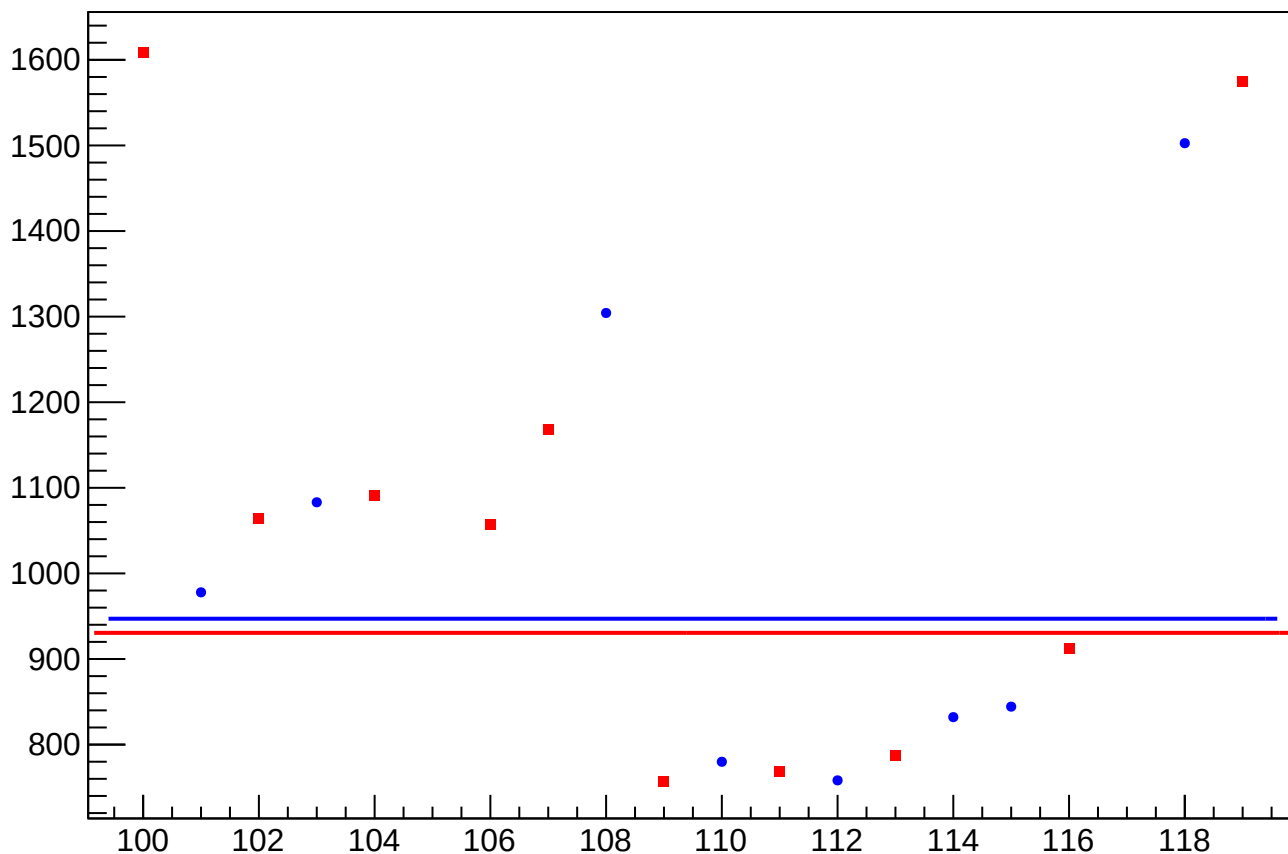
Right: 724.225+/-353.909 χ^2/NDF : 17.9/17

In: 273.514+/-533.583 χ^2/NDF :8.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 724.225+/-353.909 χ^2/NDF : 17.9/17

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 947.059+/-0.377 χ^2/NDF : 330859.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 930.549+/-0.334 χ^2/NDF : 421327.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

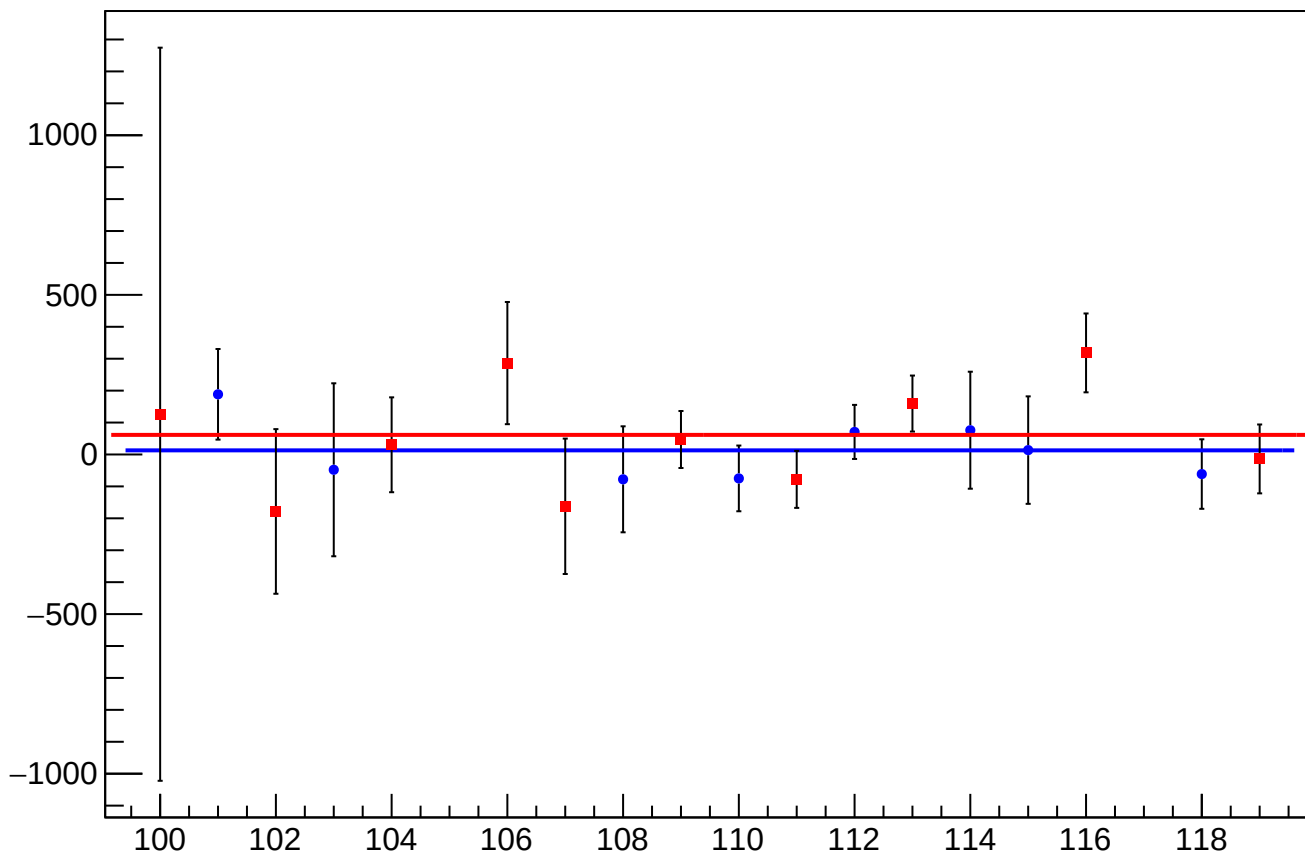
Right: 937.812+/-0.250 χ^2/NDF : 753259.4/17

In: 947.059+/-0.377 χ^2/NDF :330859.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 937.812+/-0.250 χ^2/NDF : 753259.4/17

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.898+/-45.511 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.369+/-39.431 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

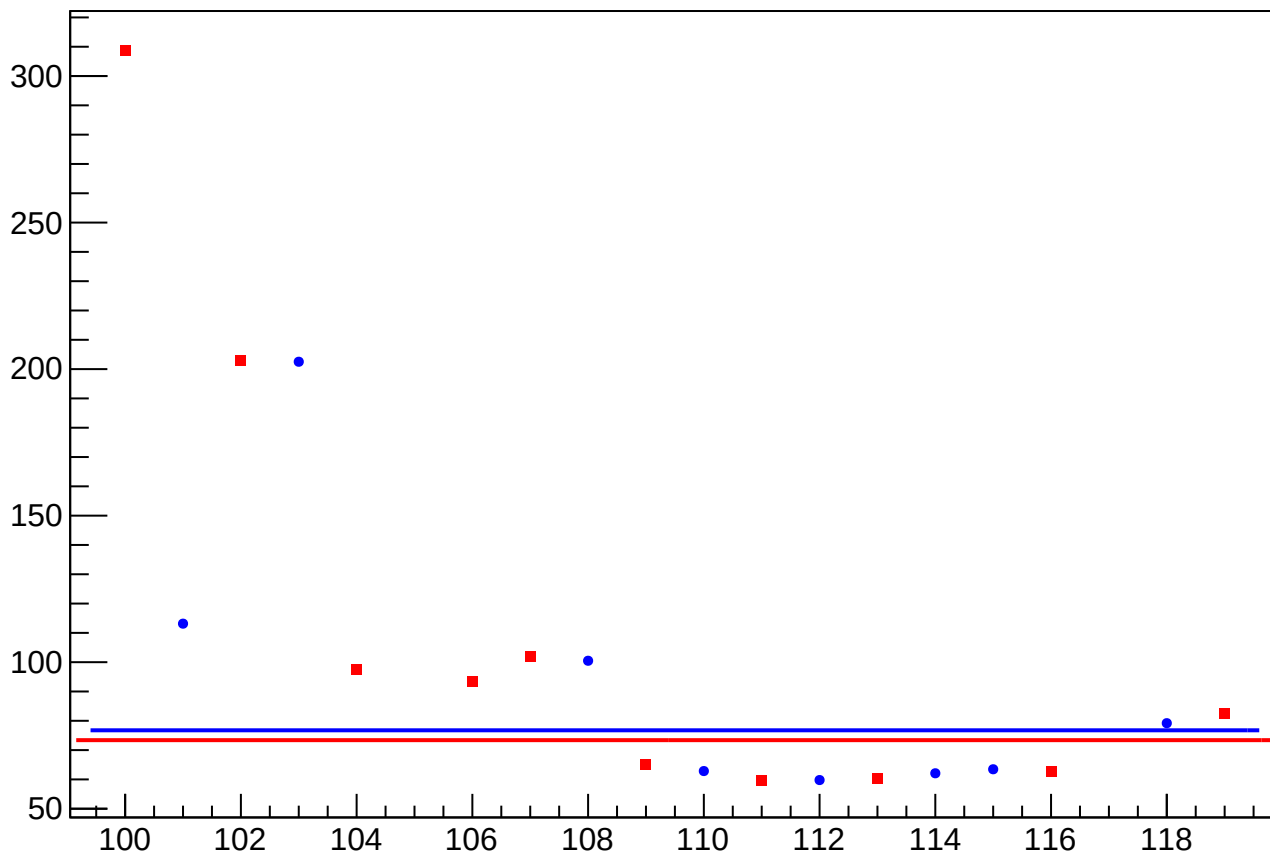
Right: 40.585+/-29.802 χ^2/NDF : 16.2/17

In: 12.898+/-45.511 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.585+/-29.802 χ^2/NDF : 16.2/17

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.758+/-0.032 χ^2/NDF : 746362.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.394+/-0.028 χ^2/NDF : 836620.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

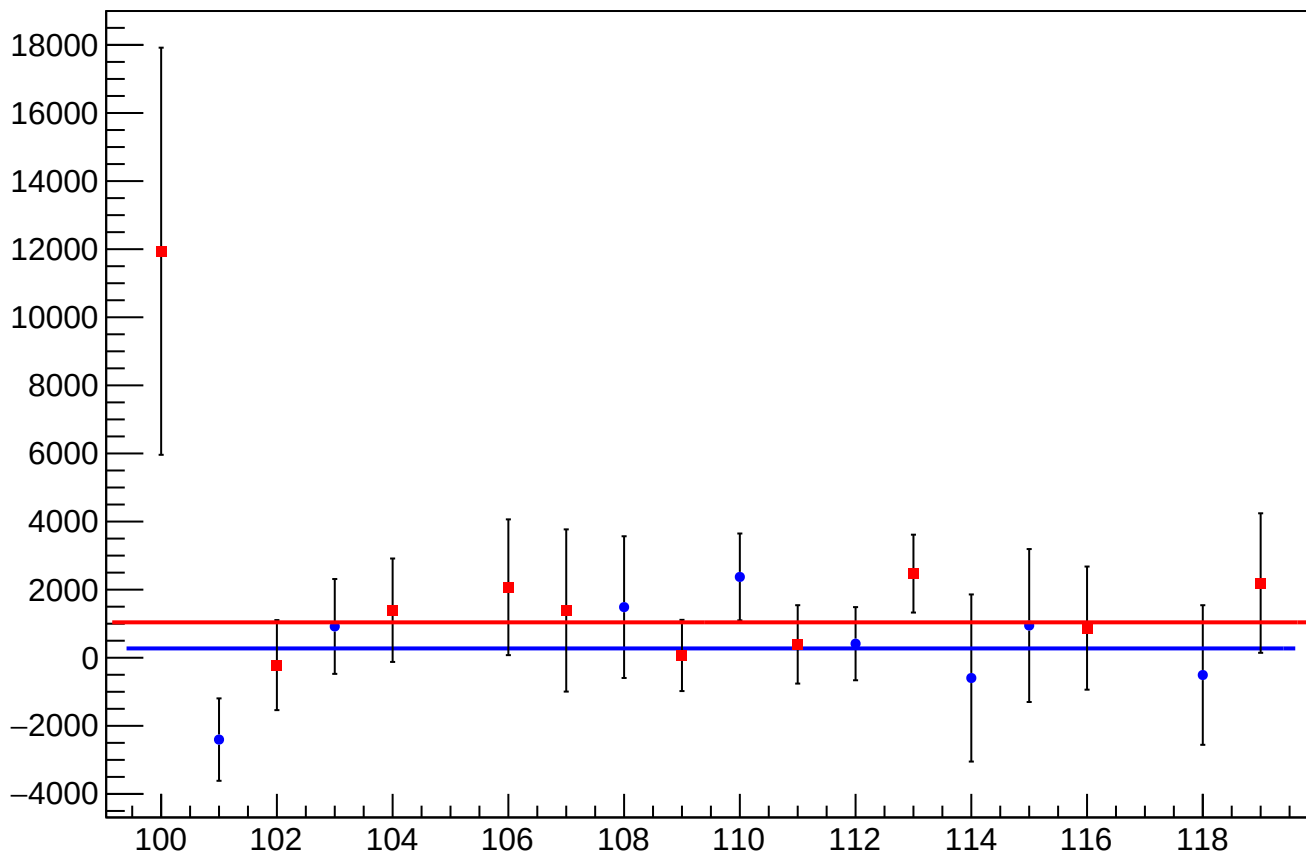
Right: 74.836+/-0.021 χ^2/NDF : 1589225.6/17

In: 76.758+/-0.032 χ^2/NDF : 746362.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.836+/-0.021 χ^2/NDF : 1589225.6/17

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 273.556+/-533.591 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.949+/-474.652 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

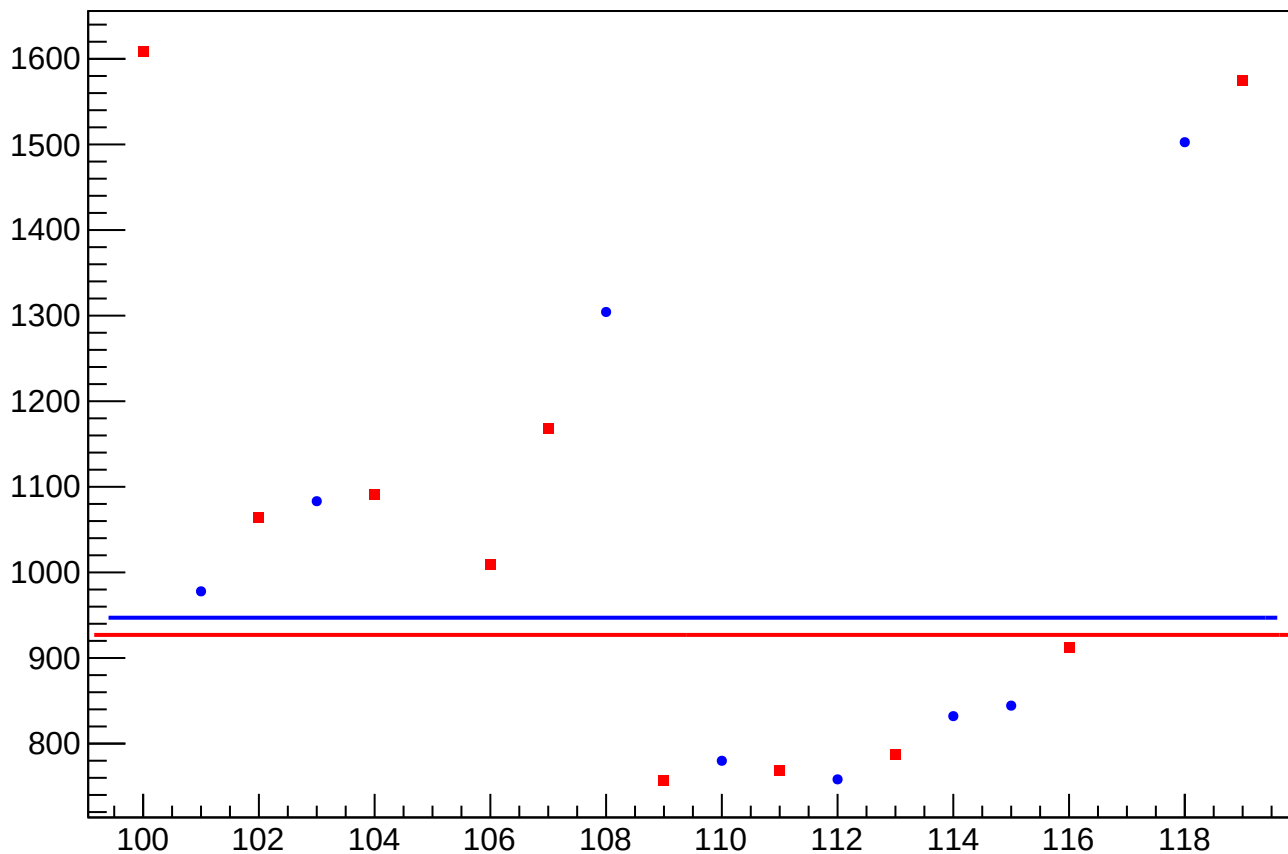
Right: 701.401+/-354.644 χ^2/NDF : 17.3/17

In: 273.556+/-533.591 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.401+/-354.644 χ^2/NDF : 17.3/17

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 947.071+/-0.377 χ^2/NDF : 330886.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.977+/-0.336 χ^2/NDF : 415412.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

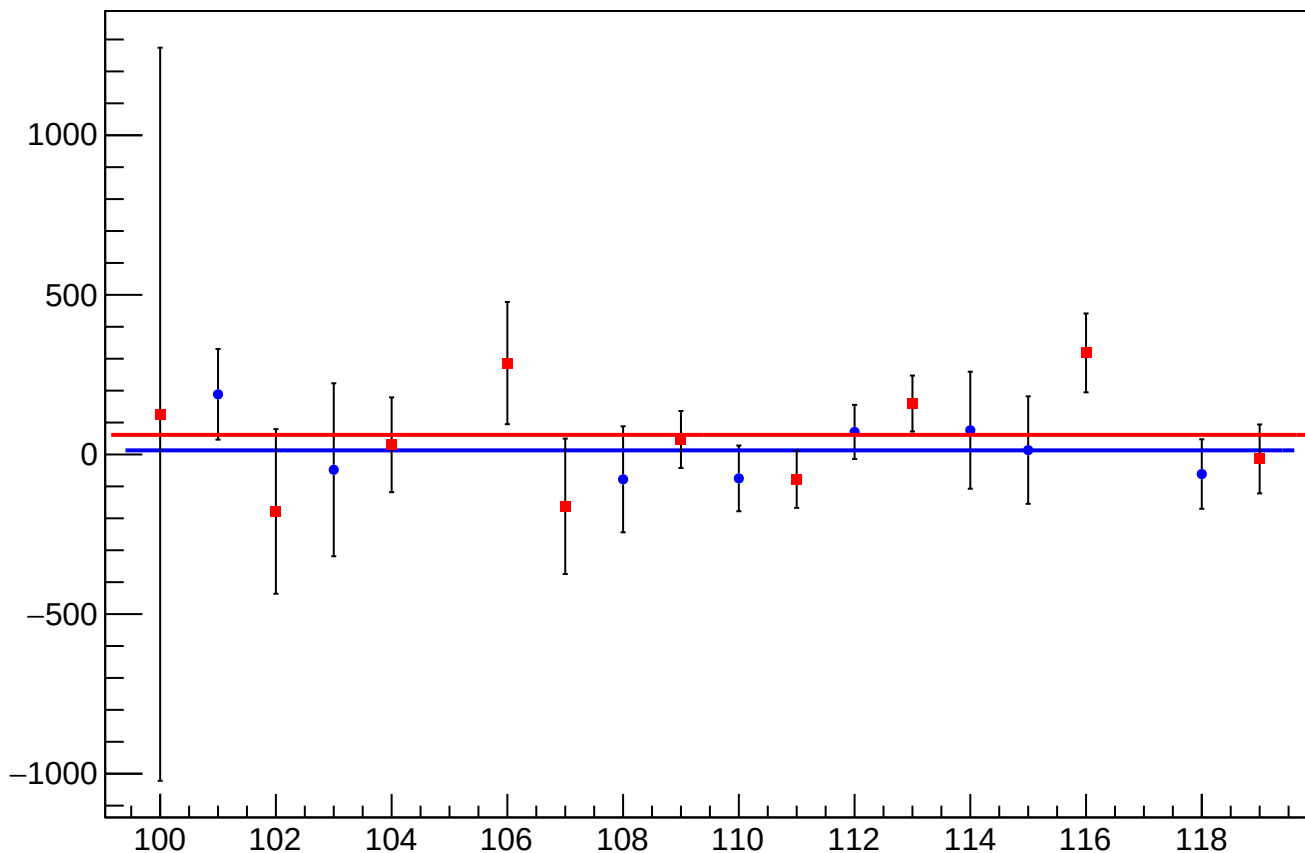
Right: 935.853+/-0.251 χ^2/NDF : 747883.0/17

In: 947.071+/-0.377 χ^2/NDF : 330886.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.853+/-0.251 χ^2/NDF : 747883.0/17

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 12.898+/-45.511 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.369+/-39.431 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

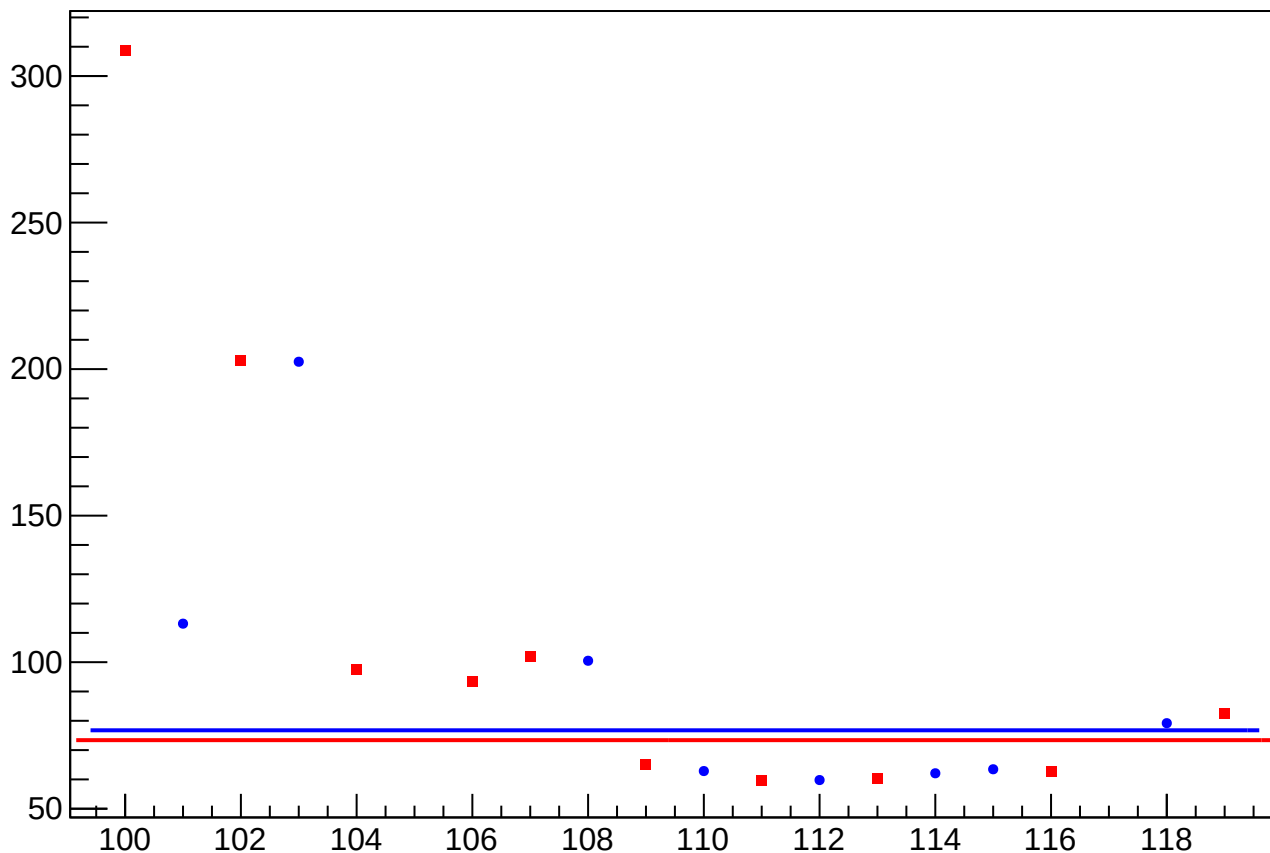
Right: 40.585+/-29.802 χ^2/NDF : 16.2/17

In: 12.898+/-45.511 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.585+/-29.802 χ^2/NDF : 16.2/17

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 76.758+/-0.032 χ^2/NDF : 746362.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.394+/-0.028 χ^2/NDF : 836620.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

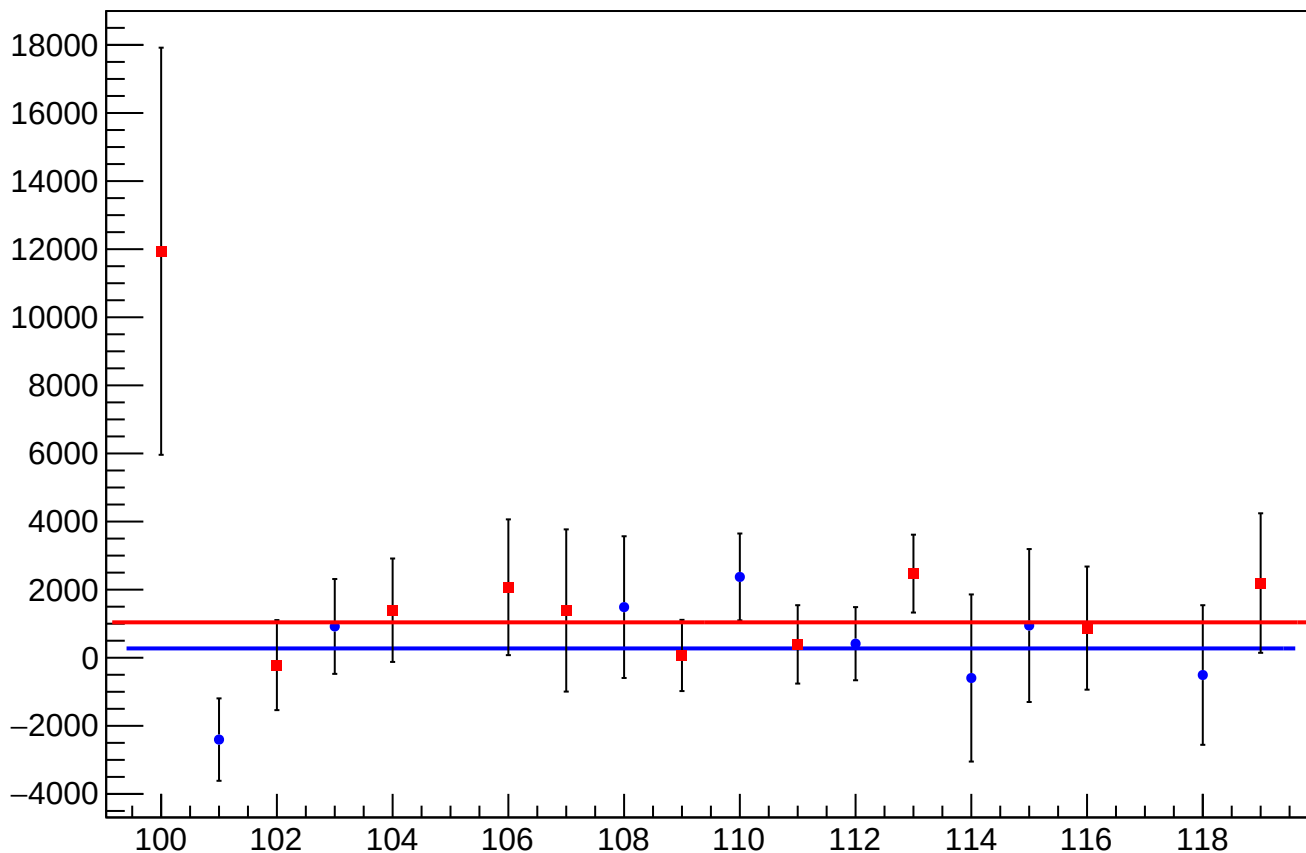
Right: 74.836+/-0.021 χ^2/NDF : 1589225.6/17

In: 76.758+/-0.032 χ^2/NDF : 746362.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.836+/-0.021 χ^2/NDF : 1589225.6/17

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 273.556+/-533.591 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1039.949+/-474.652 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

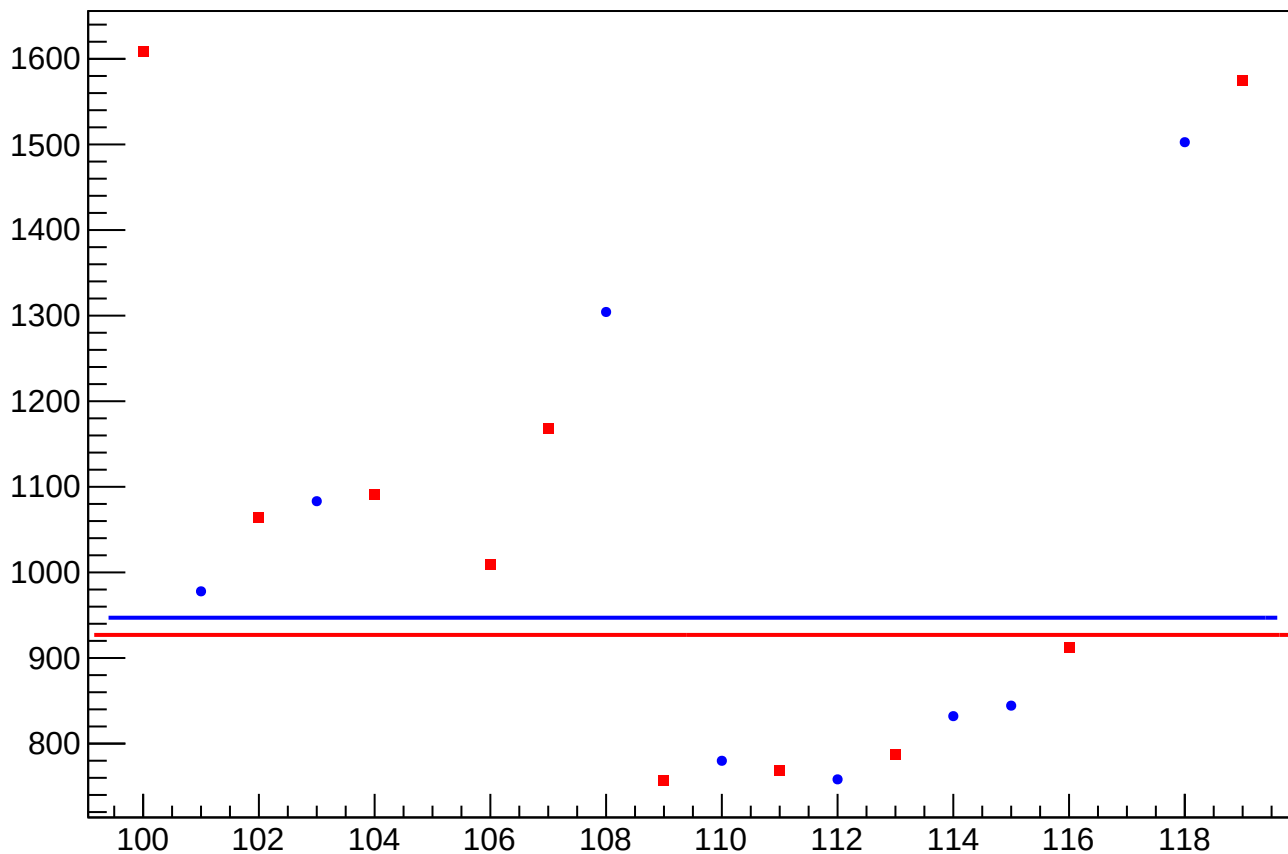
Right: 701.401+/-354.644 χ^2/NDF : 17.3/17

In: 273.556+/-533.591 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.401+/-354.644 χ^2/NDF : 17.3/17

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 947.071+/-0.377 χ^2/NDF : 330886.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 926.977+/-0.336 χ^2/NDF : 415412.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

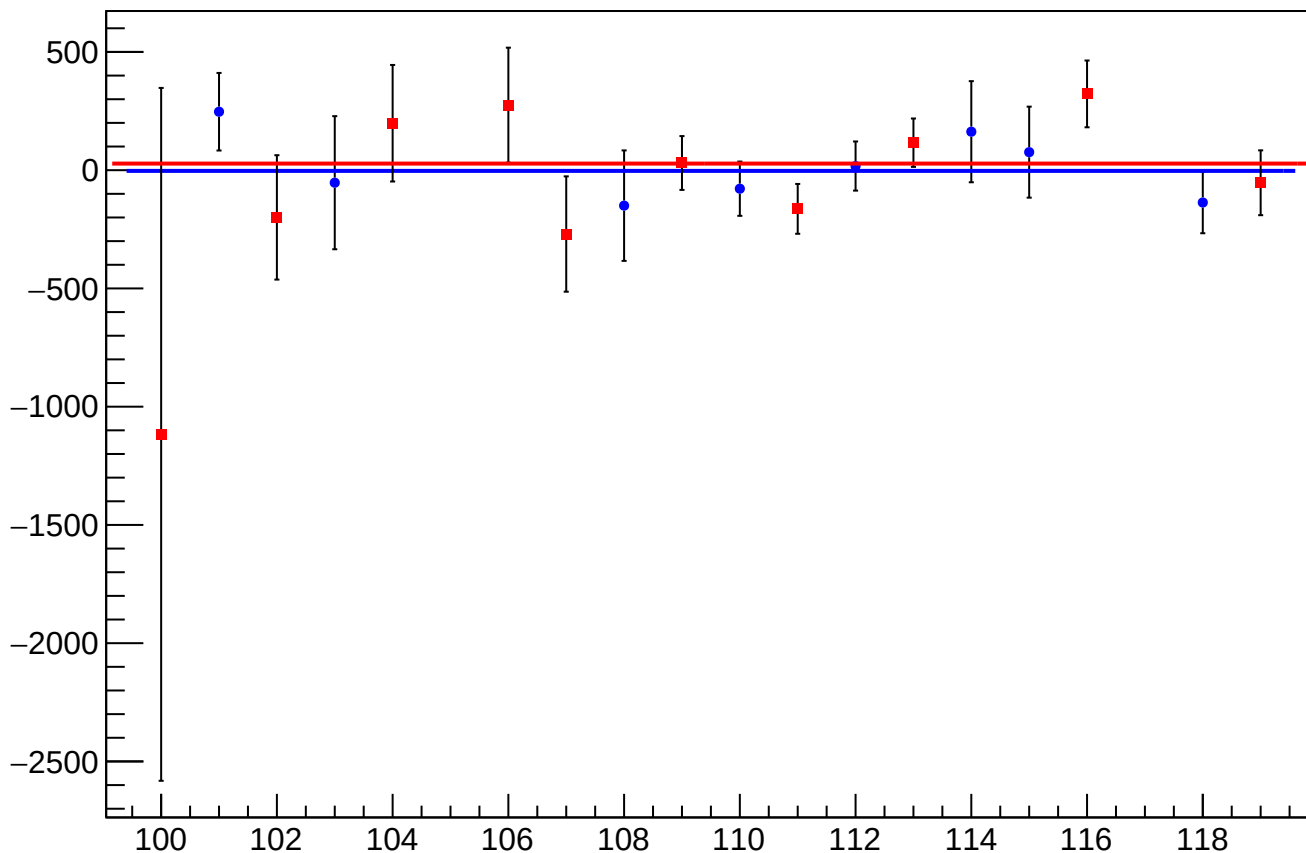
Right: 935.853+/-0.251 χ^2/NDF : 747883.0/17

In: 947.071+/-0.377 χ^2/NDF : 330886.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 935.853+/-0.251 χ^2/NDF : 747883.0/17

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -2.994 ± 53.849 χ^2/NDF : 5.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 27.906 ± 48.145 χ^2/NDF : 13.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

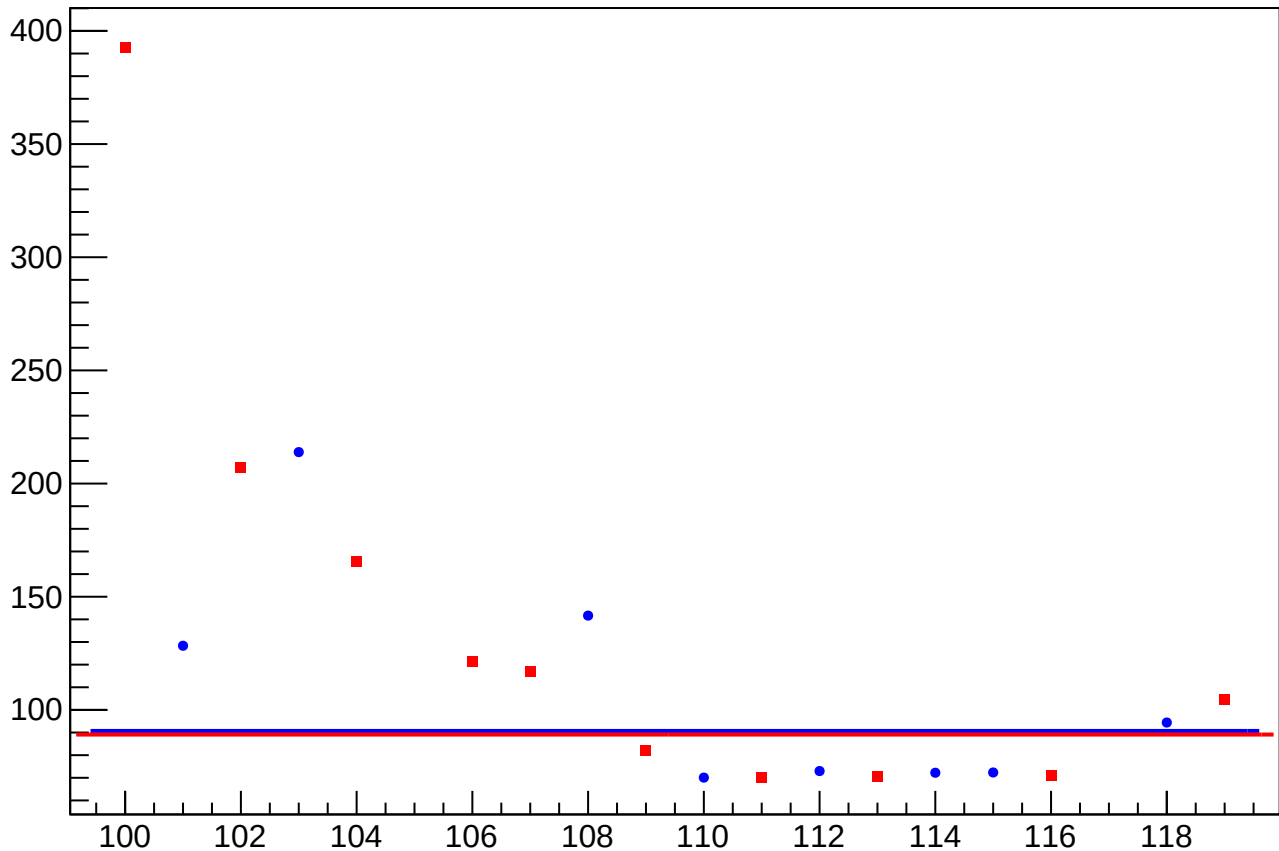
Right: 14.179 ± 35.891 χ^2/NDF : 18.4/17

In: -2.994 ± 53.849 χ^2/NDF : 5.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 14.179 ± 35.891 χ^2/NDF : 18.4/17

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 90.709+/-0.038 χ^2/NDF : 741444.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.104+/-0.034 χ^2/NDF : 941005.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

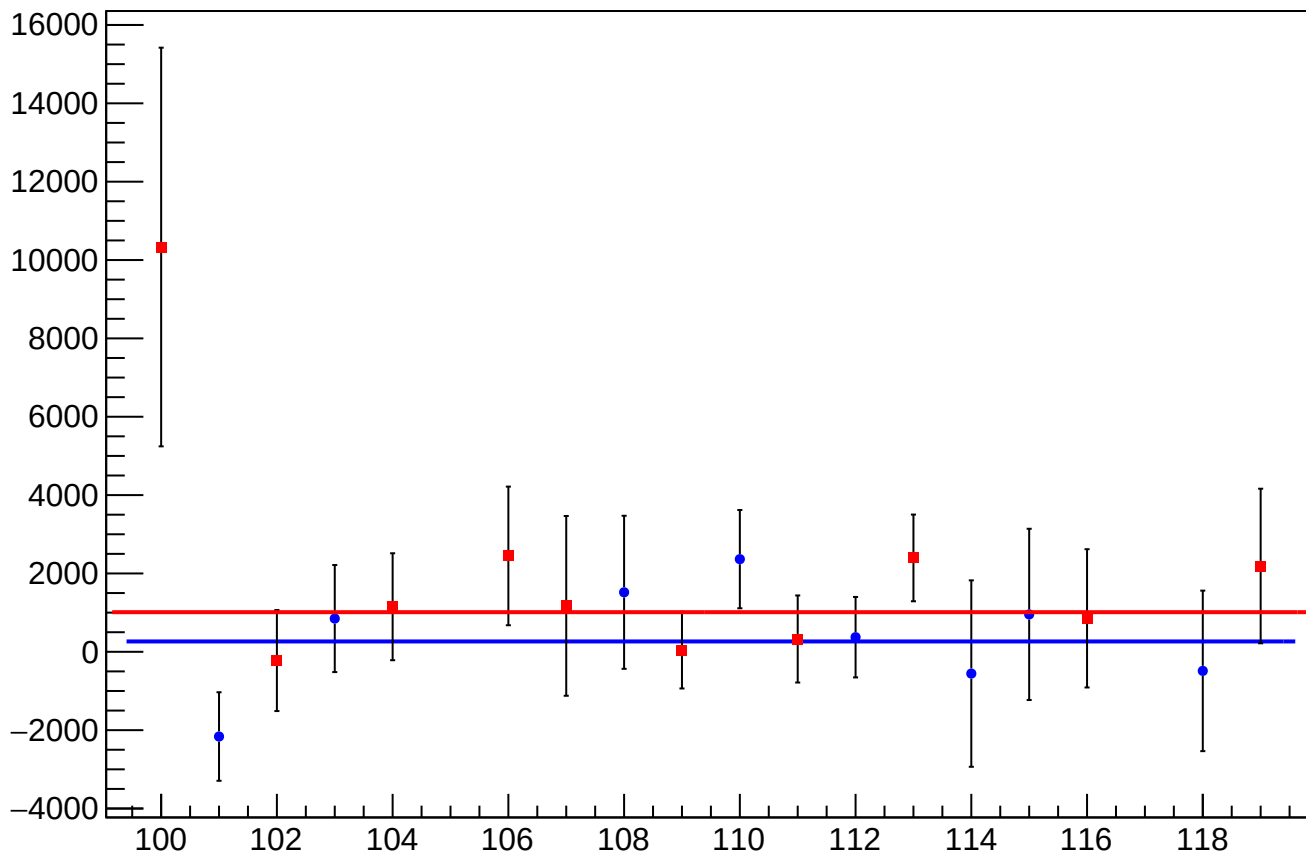
Right: 89.817+/-0.025 χ^2/NDF : 1683438.3/17

In: 90.709+/-0.038 χ^2/NDF : 741444.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.817+/-0.025 χ^2/NDF : 1683438.3/17

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.469+/-513.763 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.395+/-450.177 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

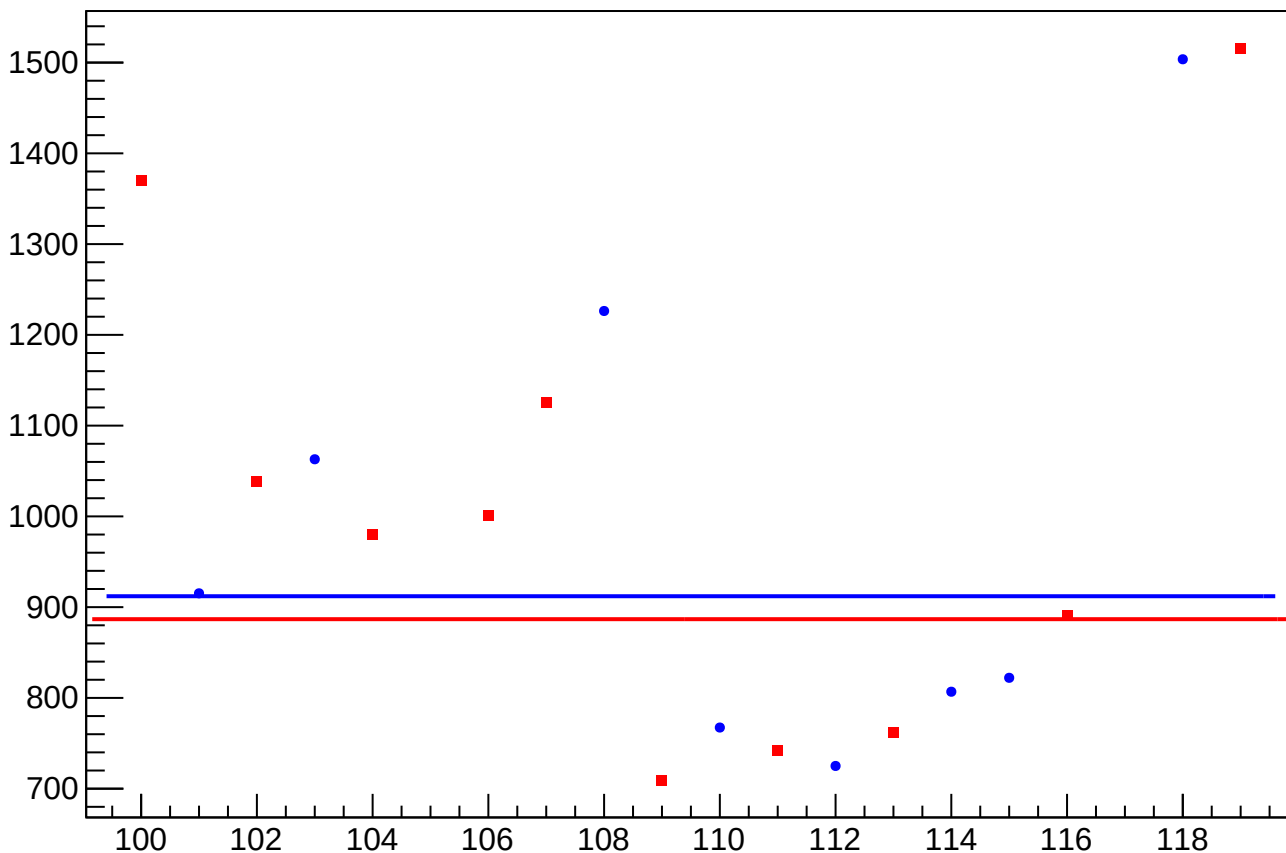
Right: 686.989+/-338.585 χ^2/NDF : 17.8/17

In: 264.469+/-513.763 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.989+/-338.585 χ^2/NDF : 17.8/17

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 912.031+/-0.363 χ^2/NDF : 343161.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.751+/-0.318 χ^2/NDF : 413202.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

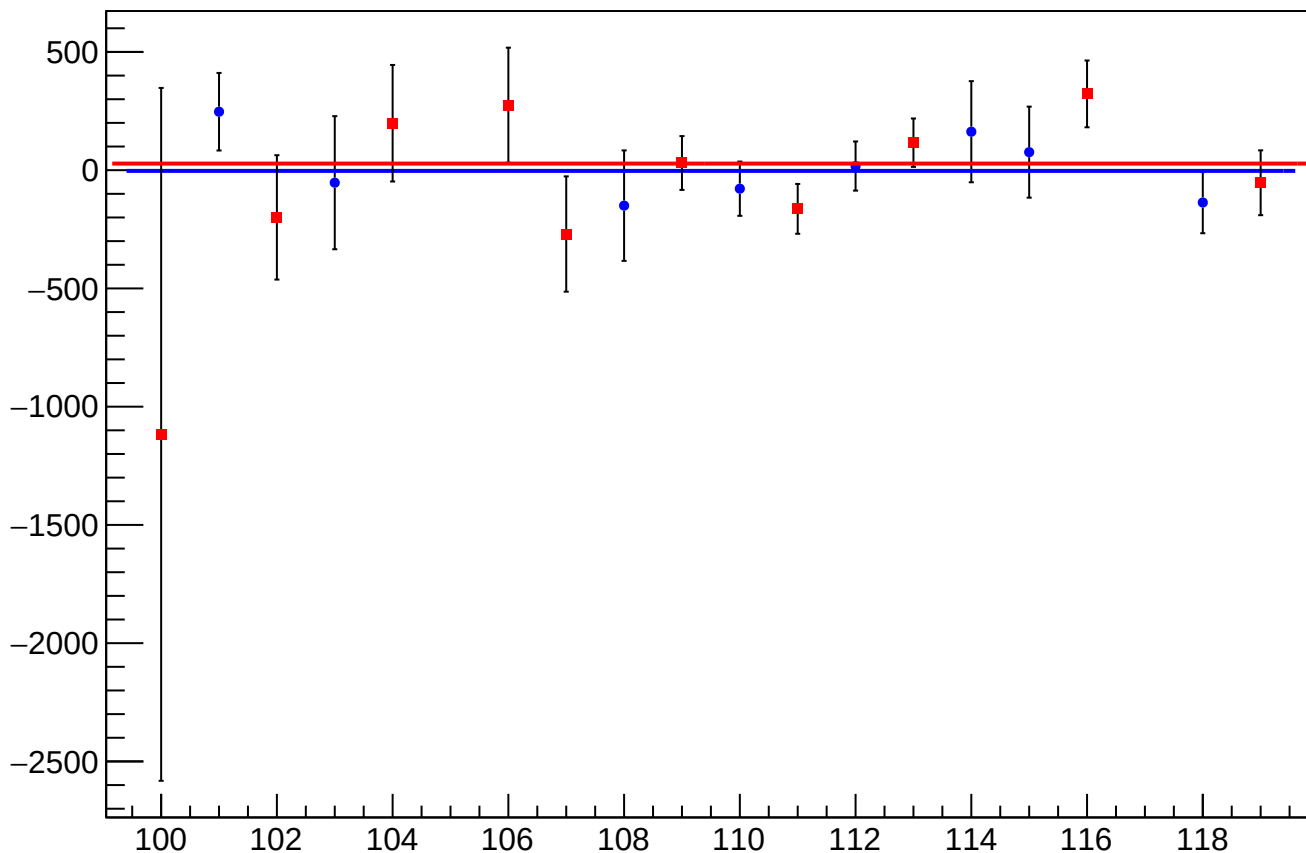
Right: 897.731+/-0.239 χ^2/NDF : 759103.4/17

In: 912.031+/-0.363 χ^2/NDF : 343161.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.731+/-0.239 χ^2/NDF : 759103.4/17

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -2.996 ± 53.849 χ^2/NDF : 5.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 27.904 ± 48.145 χ^2/NDF : 13.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

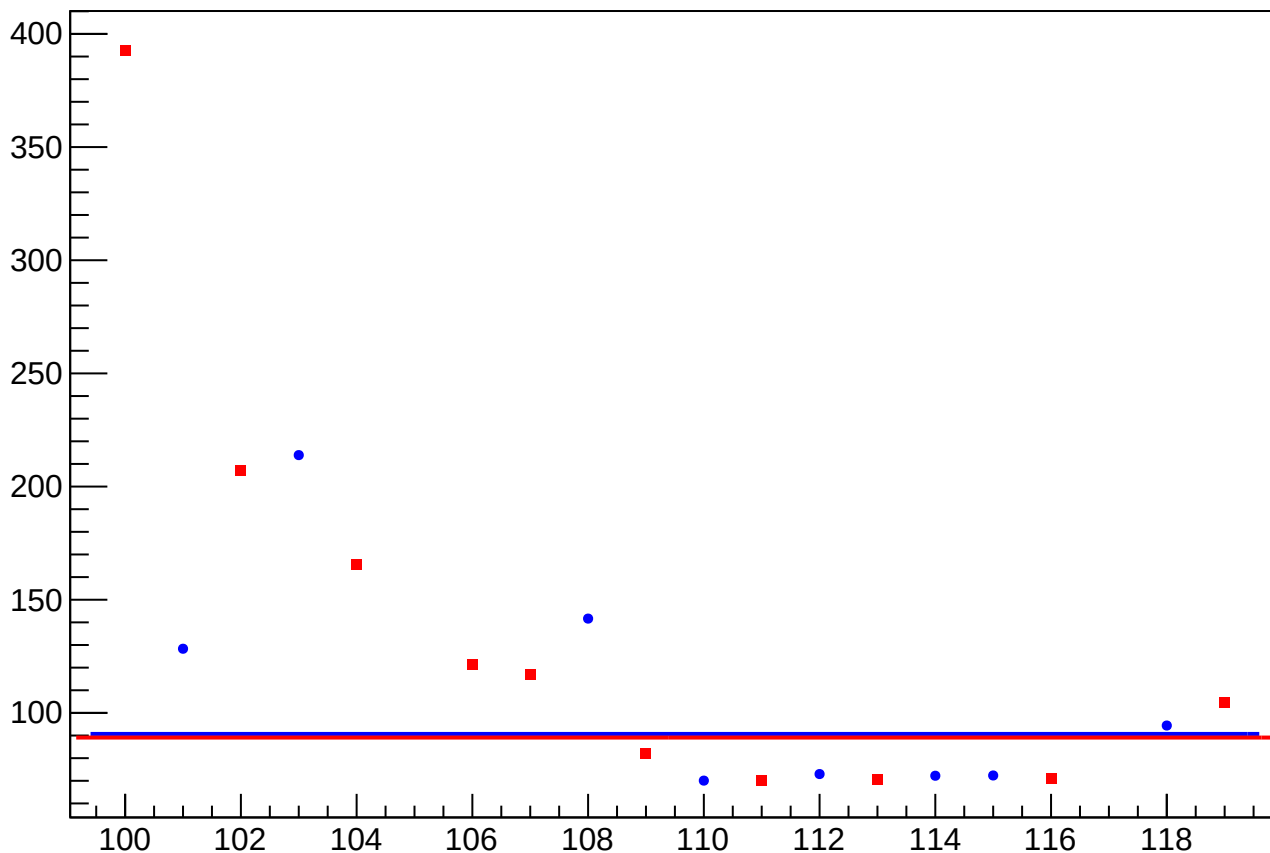
Right: 14.176 ± 35.892 χ^2/NDF : 18.4/17

In: -2.996 ± 53.849 χ^2/NDF : 5.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 14.176 ± 35.892 χ^2/NDF : 18.4/17

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 90.710 $\pm$ 0.038 χ^2 /NDF: 741436.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.104 $\pm$ 0.034 χ^2 /NDF: 940995.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

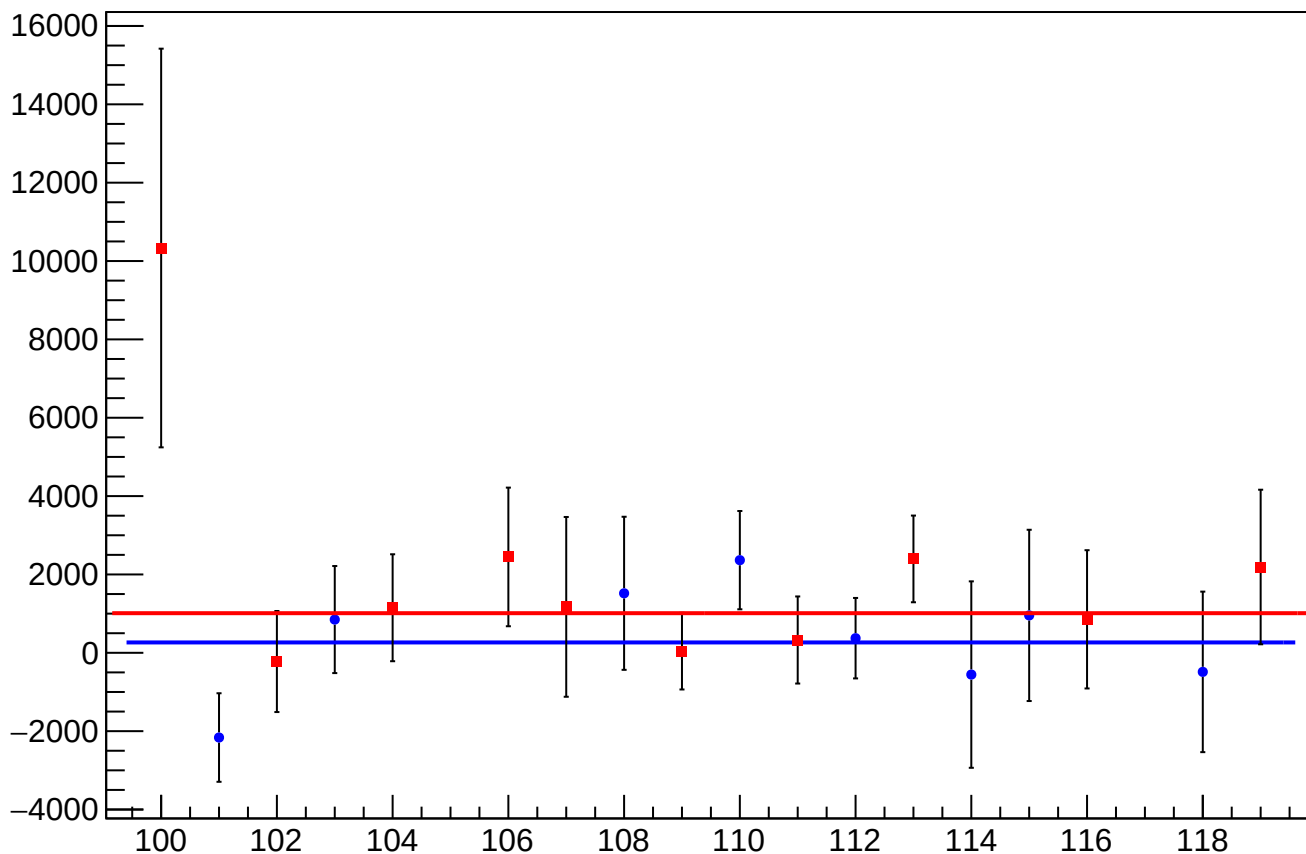
Right: 89.818 $\pm$ 0.025 χ^2 /NDF: 1683420.3/17

In: 90.710 $\pm$ 0.038 χ^2 /NDF:741436.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 89.818 $\pm$ 0.025 χ^2 /NDF: 1683420.3/17

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 264.468+/-513.761 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1011.393+/-450.176 χ^2/NDF : 8.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

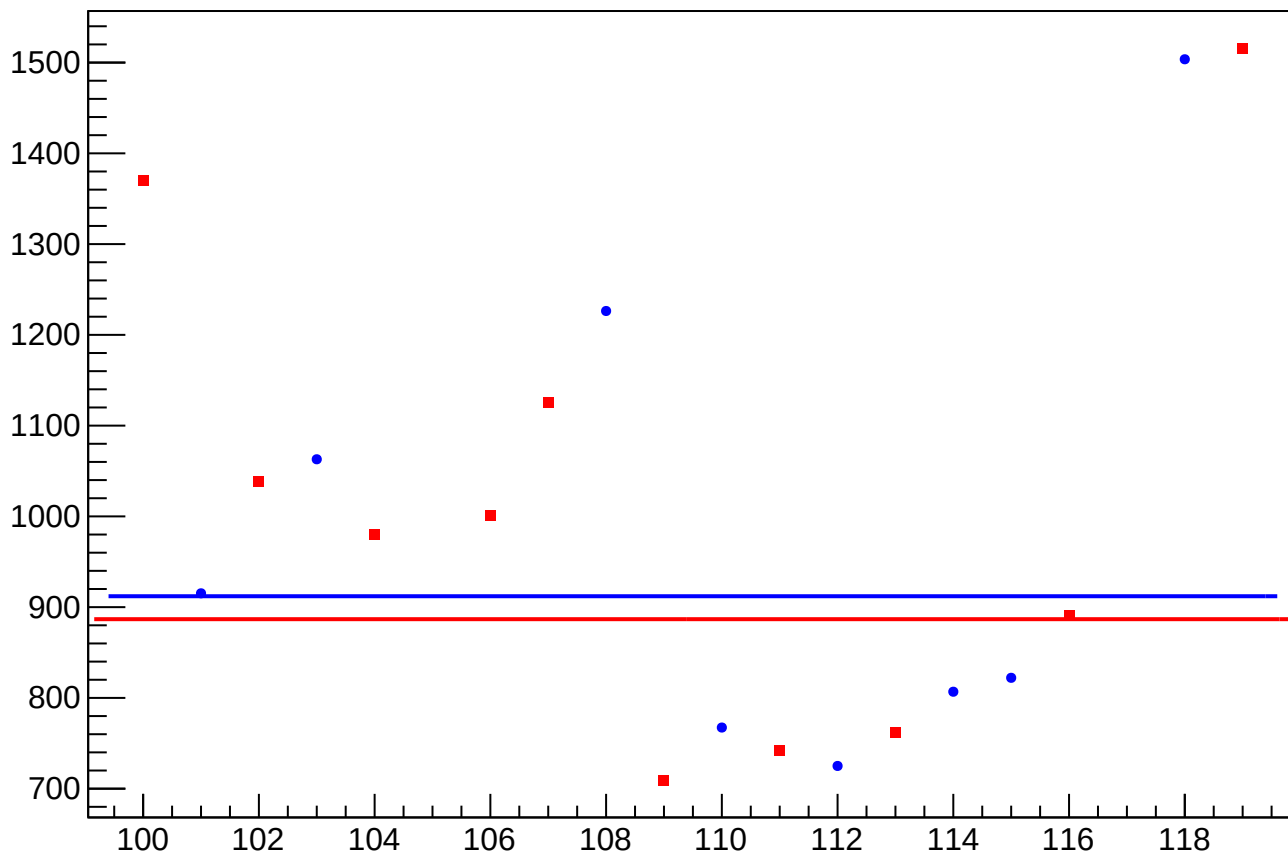
Right: 686.987+/-338.585 χ^2/NDF : 17.8/17

In: 264.468+/-513.761 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.987+/-338.585 χ^2/NDF : 17.8/17

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 912.028+/-0.363 χ^2/NDF : 343163.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 886.749+/-0.318 χ^2/NDF : 413203.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

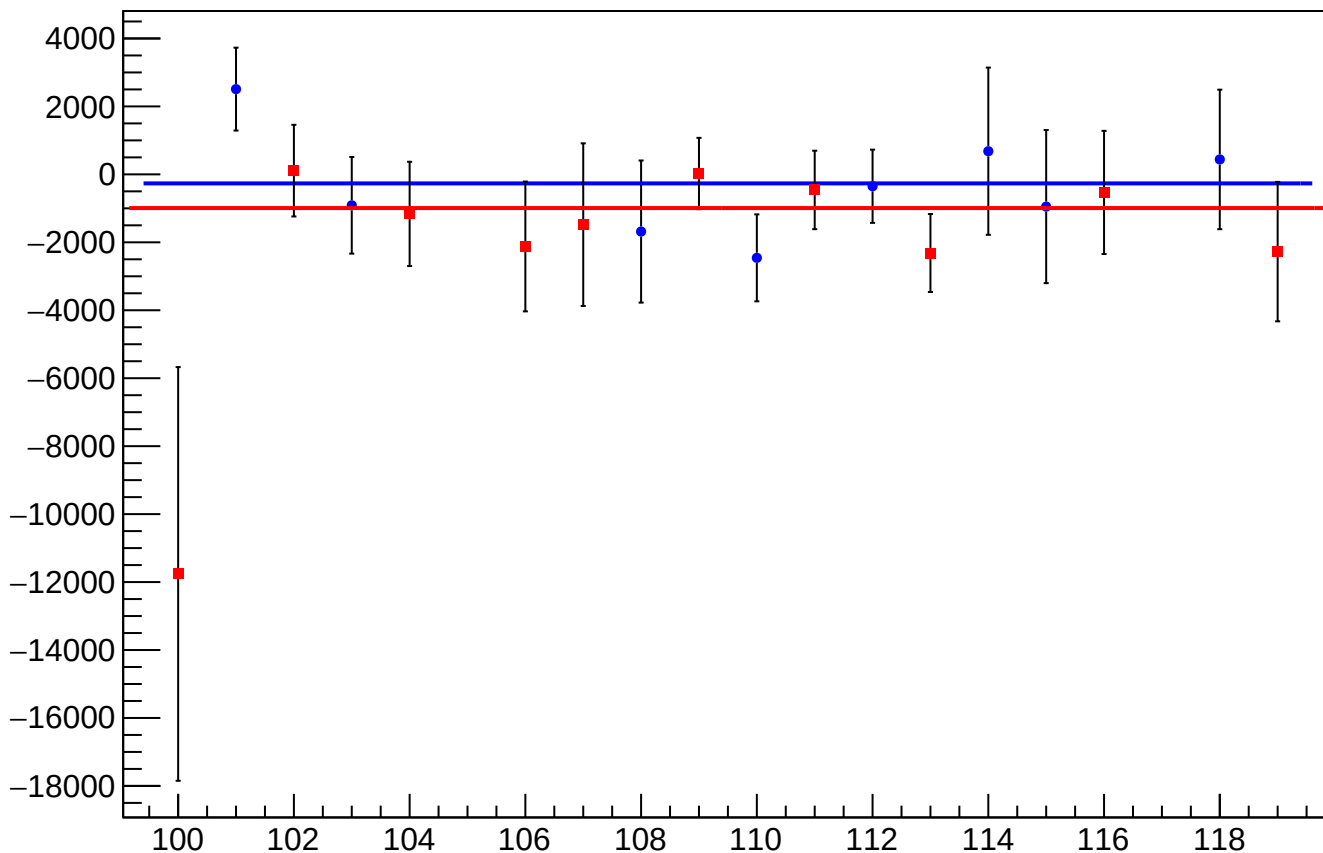
Right: 897.729+/-0.239 χ^2/NDF : 759105.6/17

In: 912.028+/-0.363 χ^2/NDF : 343163.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 897.729+/-0.239 χ^2/NDF : 759105.6/17

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -265.657+/-537.173 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -992.009+/-476.255 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

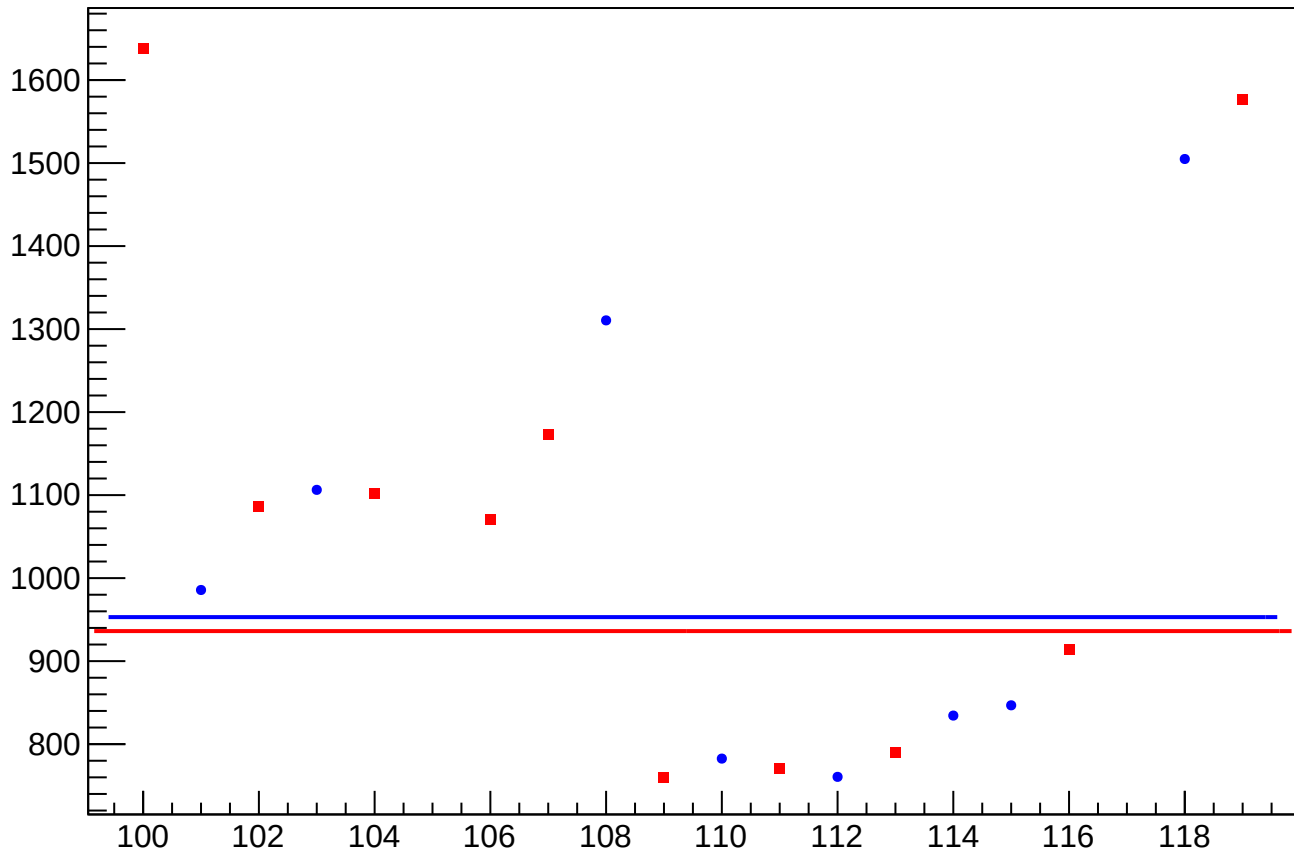
Right: -672.338+/-356.363 χ^2/NDF : 17.3/17

In: -265.657+/-537.173 χ^2/NDF :9.1/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -672.338+/-356.363 χ^2/NDF : 17.3/17

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 953.038+/-0.380 χ^2/NDF : 335903.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 936.196+/-0.337 χ^2/NDF : 429554.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

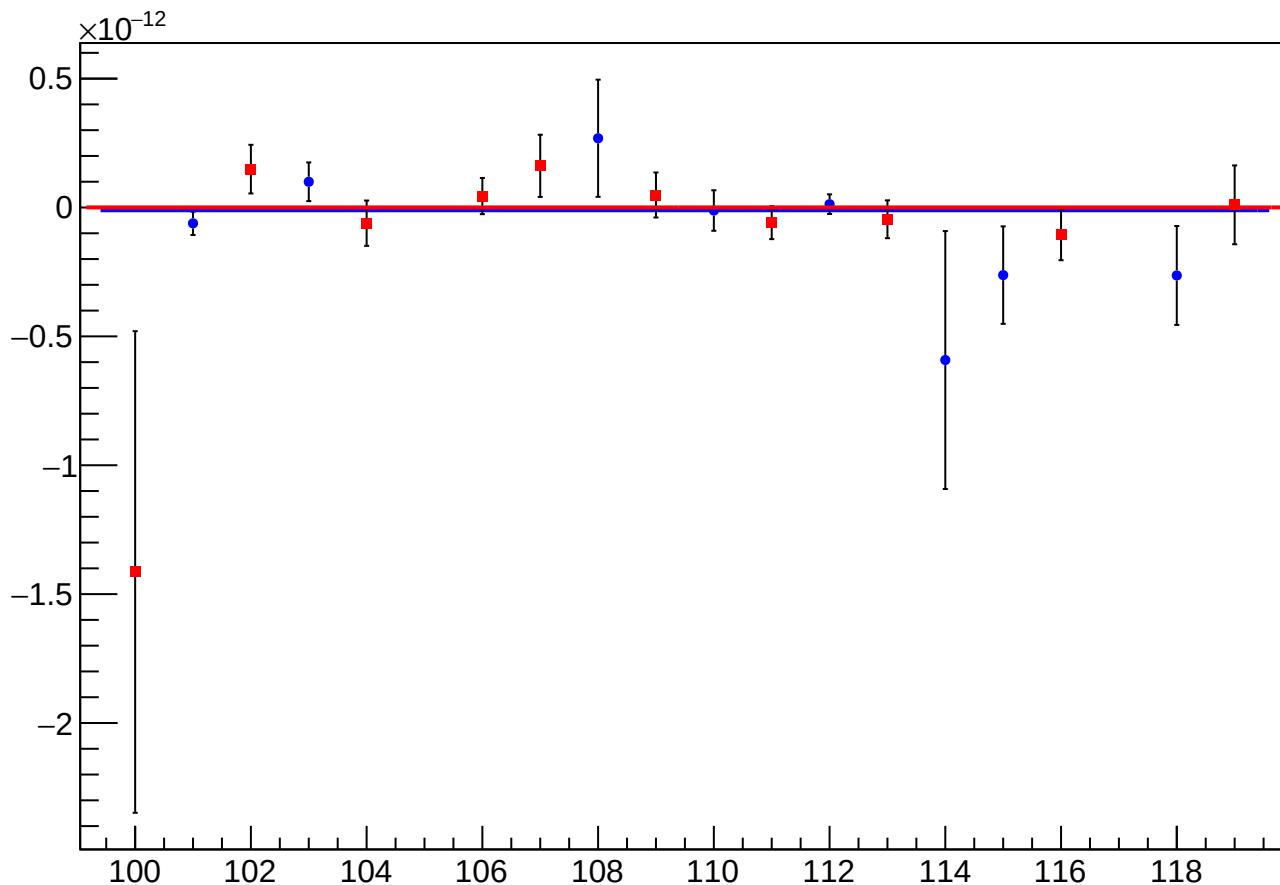
Right: 943.608+/-0.252 χ^2/NDF : 766557.8/17

In: 953.038+/-0.380 χ^2/NDF : 335903.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.608+/-0.252 χ^2/NDF : 766557.8/17

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

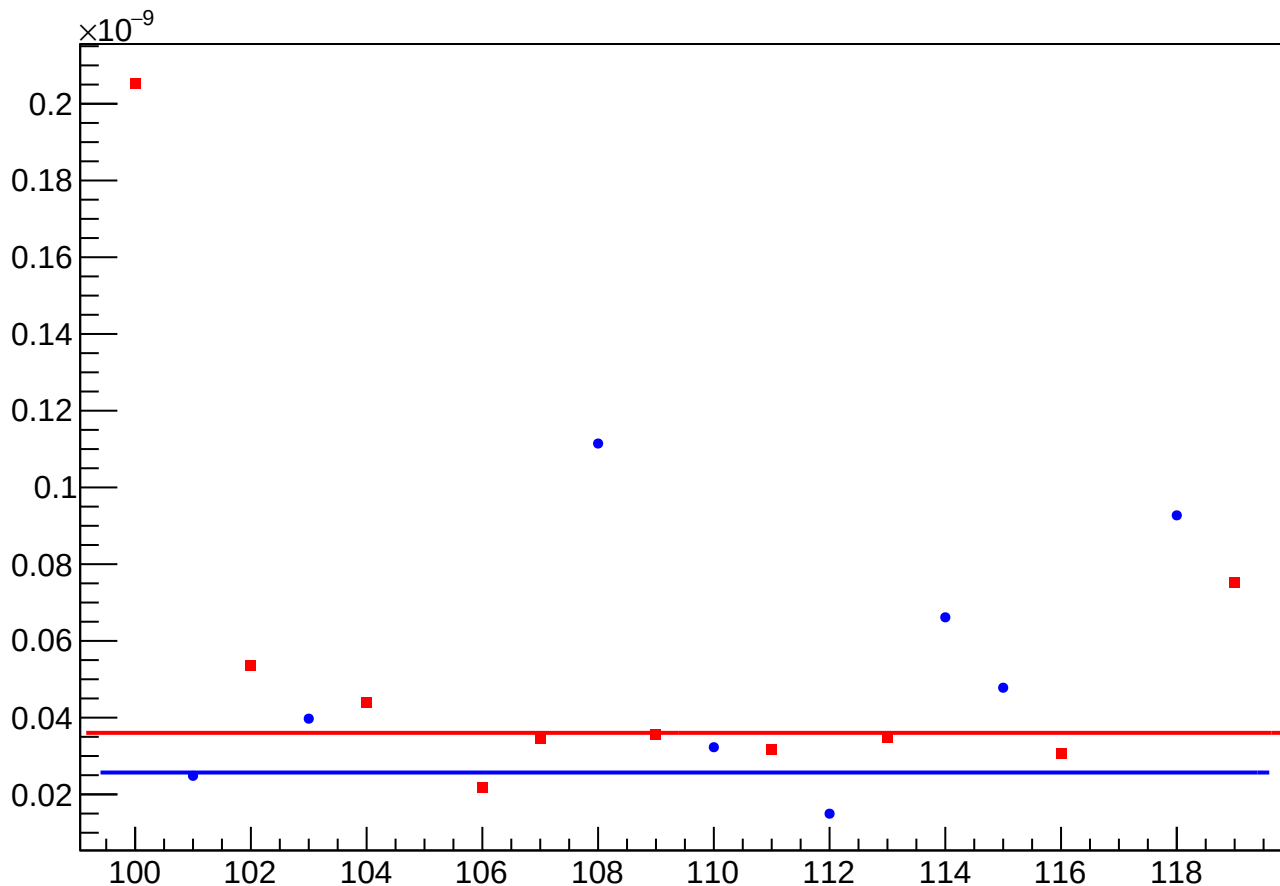
Right: -0.000+/-0.000 χ^2/NDF : 20.4/17

In: -0.000+/-0.000 χ^2/NDF : 10.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.4/17

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 812466.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 380409.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

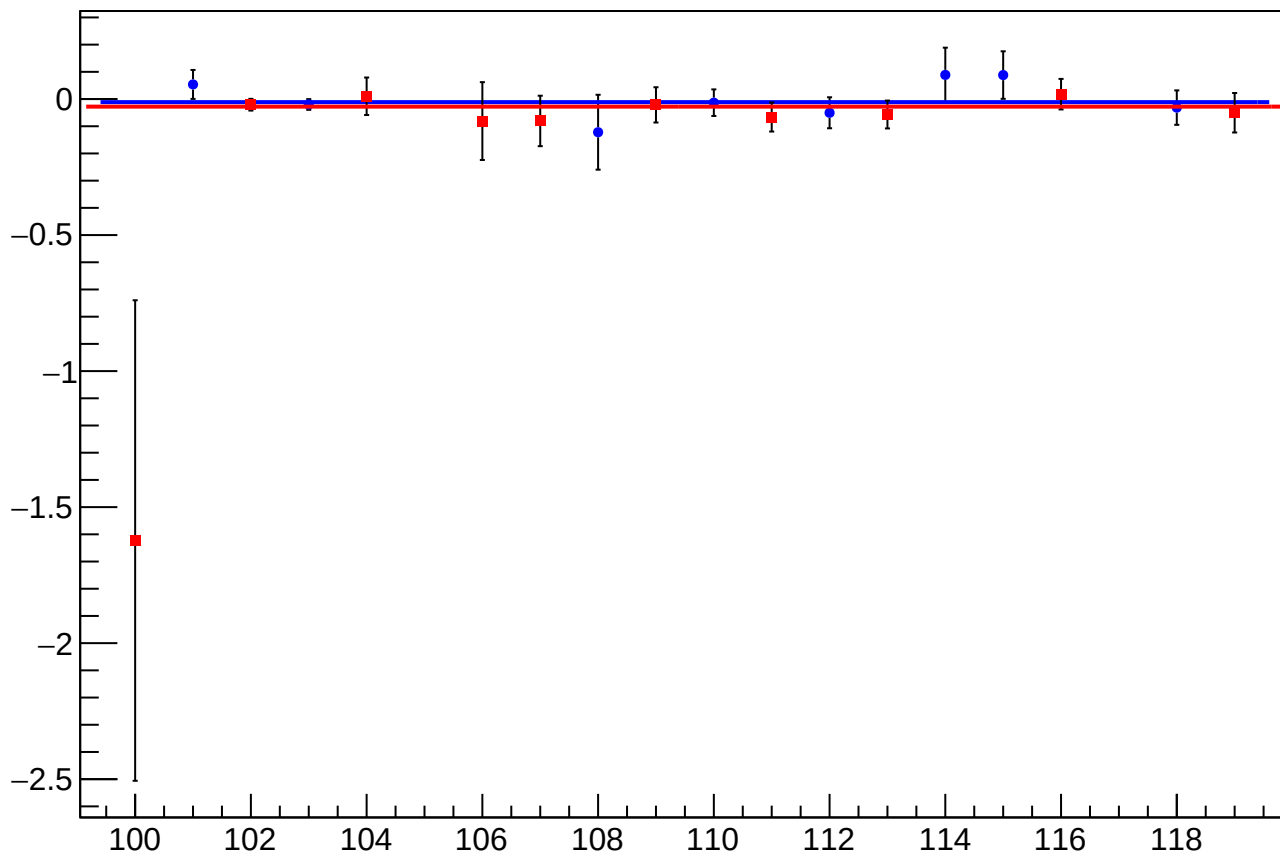
Right: 0.000+/-0.000 χ^2/NDF : 1340868.7/17

In: 0.000+/-0.000 χ^2/NDF : 812466.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1340868.7/17

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.015 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

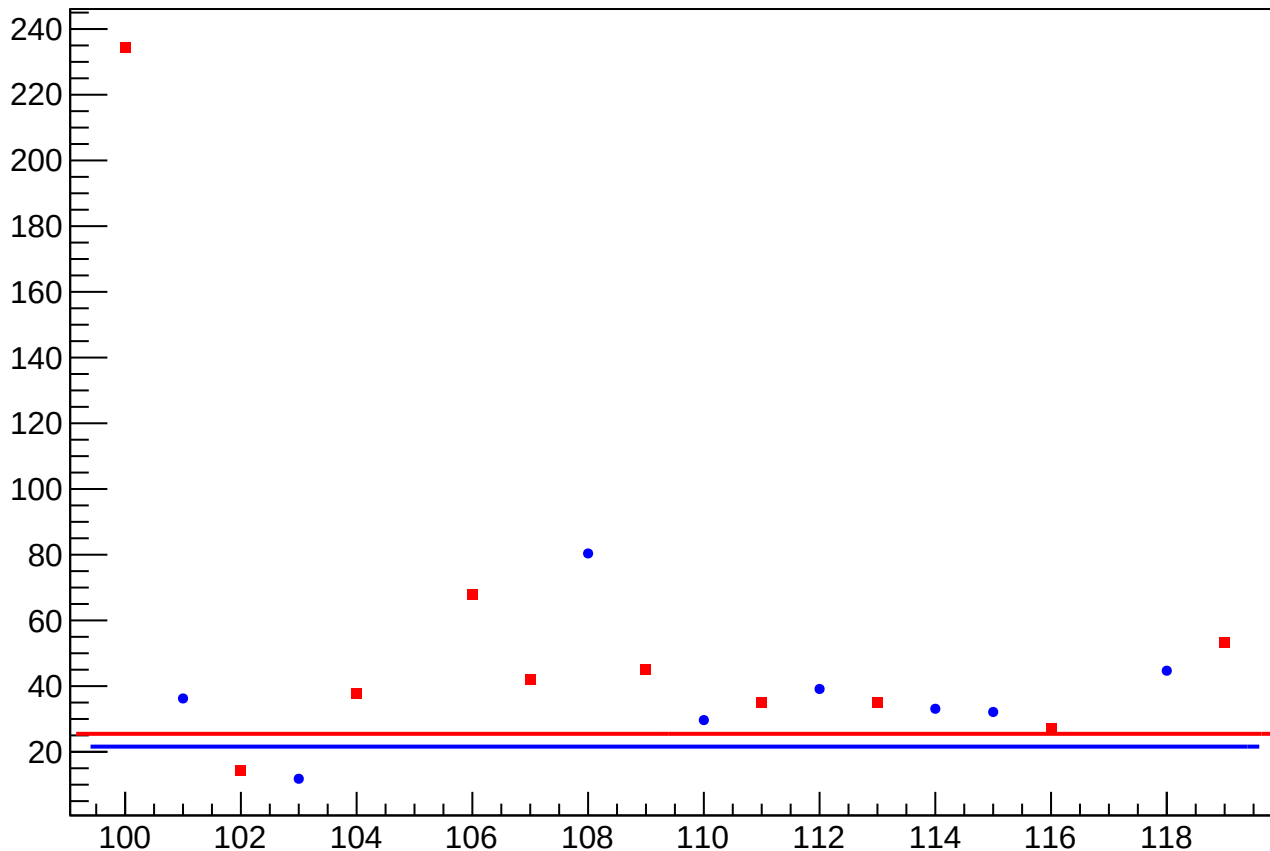
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

In: -0.011 $\pm$ 0.015 χ^2 /NDF:5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.588+/-0.011 χ^2/NDF : 1579354.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.481+/-0.011 χ^2/NDF : 1568015.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

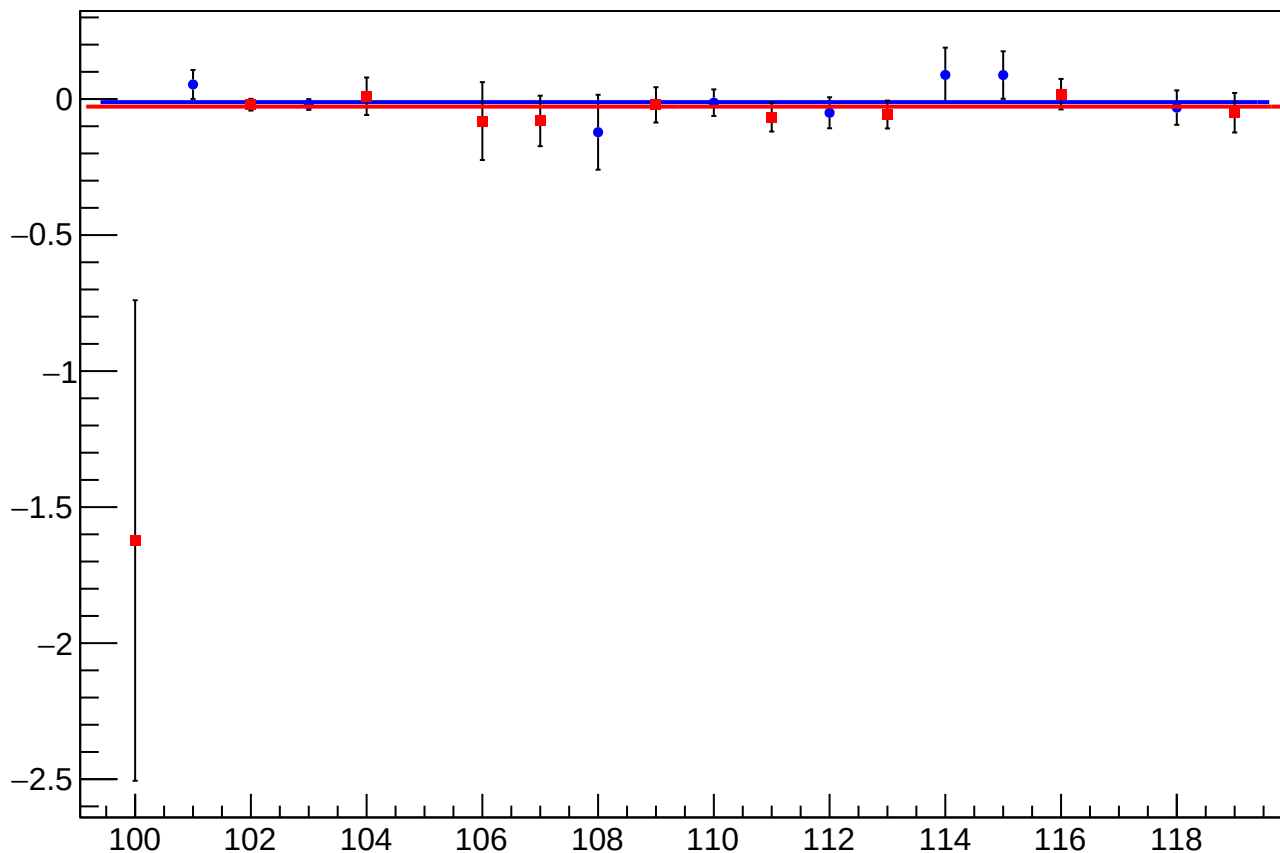
Right: 23.488+/-0.008 χ^2/NDF : 3209591.9/17

In: 21.588+/-0.011 χ^2/NDF : 1579354.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.488+/-0.008 χ^2/NDF : 3209591.9/17

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.015 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

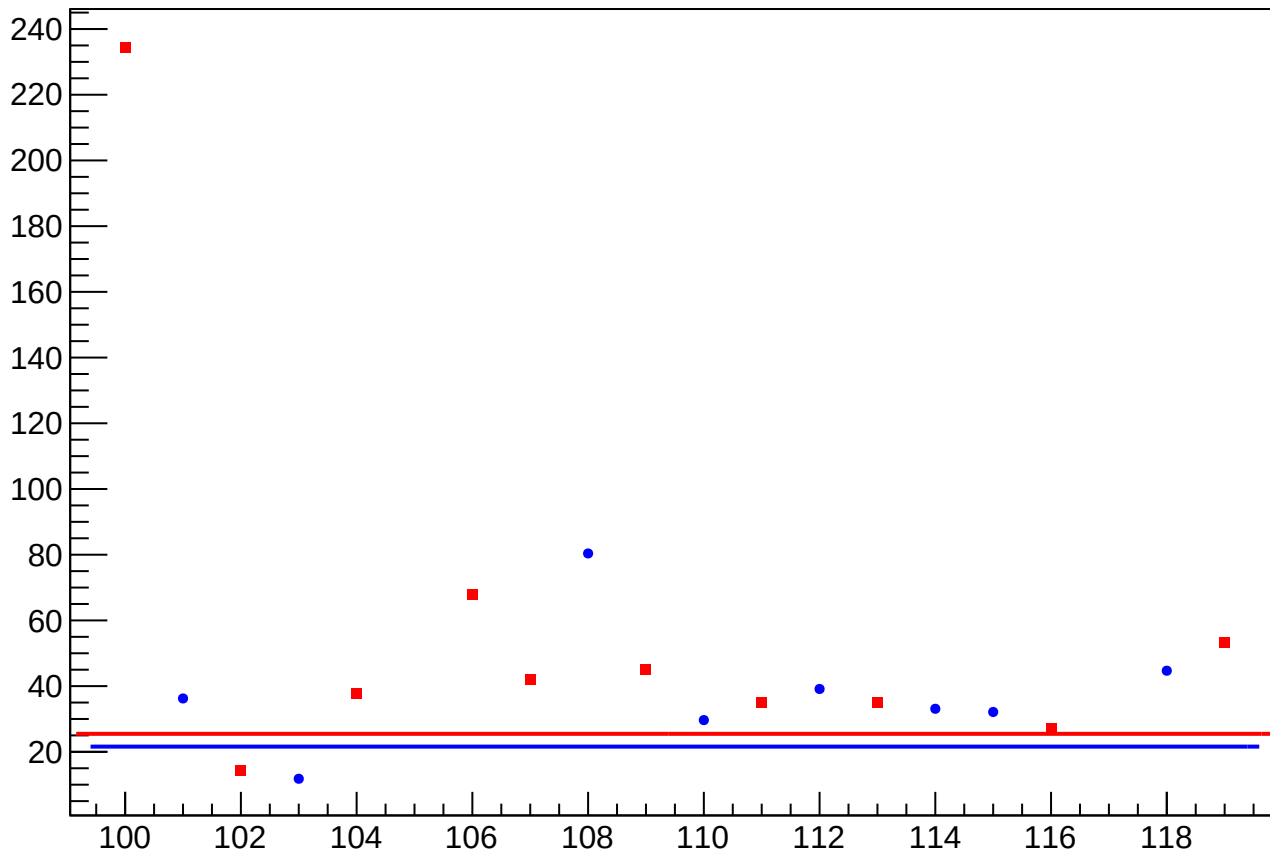
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

In: -0.011 $\pm$ 0.015 χ^2 /NDF:5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.588+/-0.011 χ^2/NDF : 1579354.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.481+/-0.011 χ^2/NDF : 1568015.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

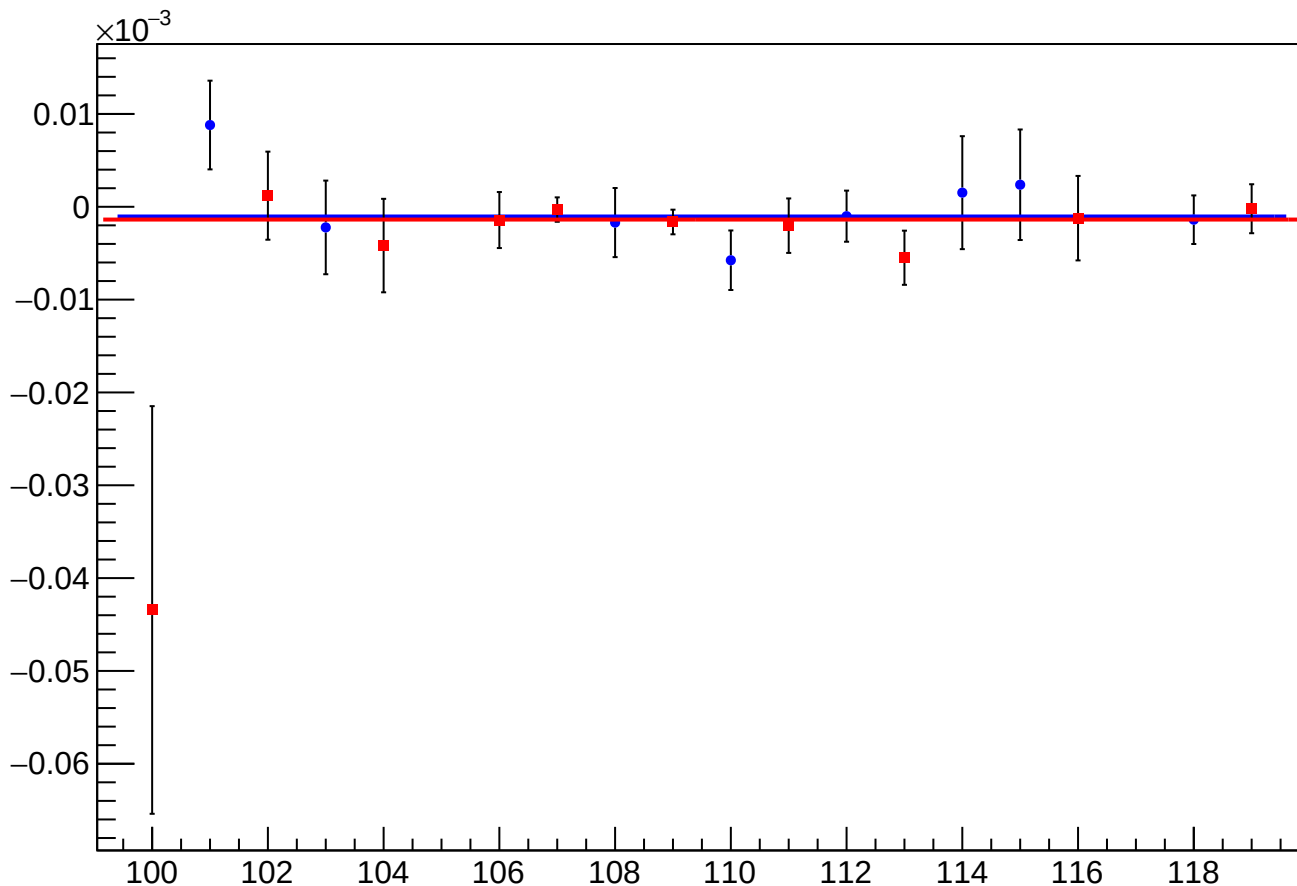
Right: 23.488+/-0.008 χ^2/NDF : 3209591.9/17

In: 21.588+/-0.011 χ^2/NDF : 1579354.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.488+/-0.008 χ^2/NDF : 3209591.9/17

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

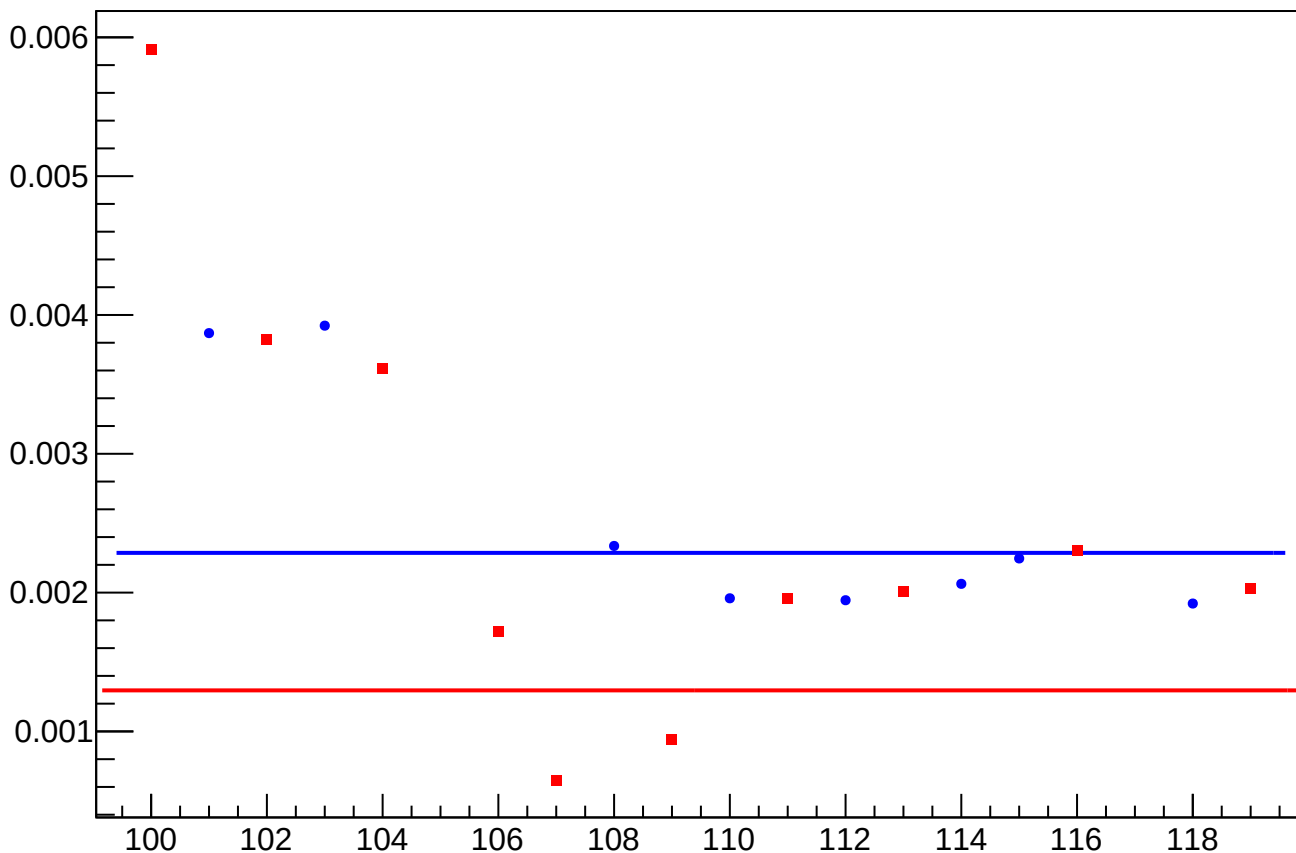
Right: -0.000+/-0.000 χ^2/NDF : 14.3/17

In: -0.000+/-0.000 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/17

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 523730.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2224609.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

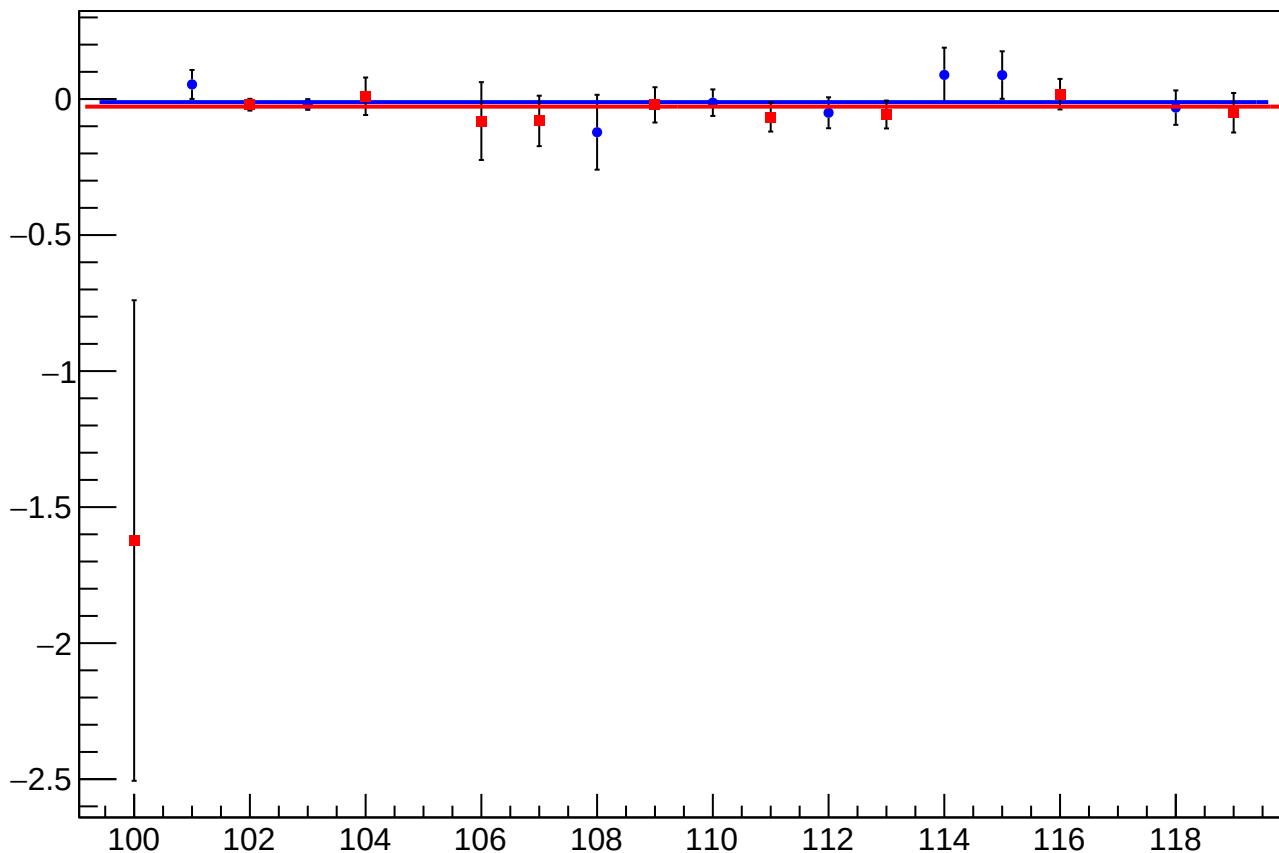
Right: 0.002+/-0.000 χ^2/NDF : 3611715.7/17

In: 0.002+/-0.000 χ^2/NDF : 523730.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3611715.7/17

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.015 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

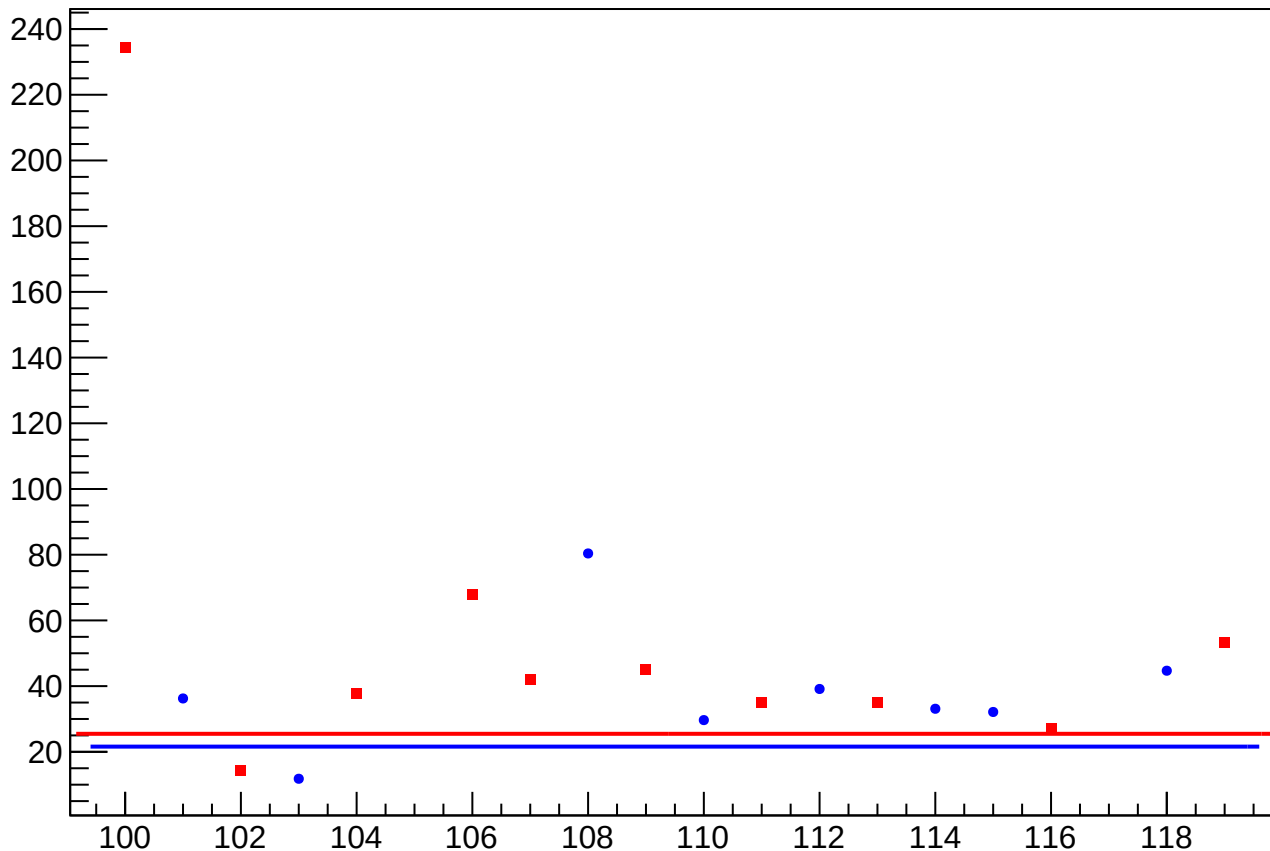
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

In: -0.011 $\pm$ 0.015 χ^2 /NDF:5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.587+/-0.011 χ^2/NDF : 1579571.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.485+/-0.011 χ^2/NDF : 1567609.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

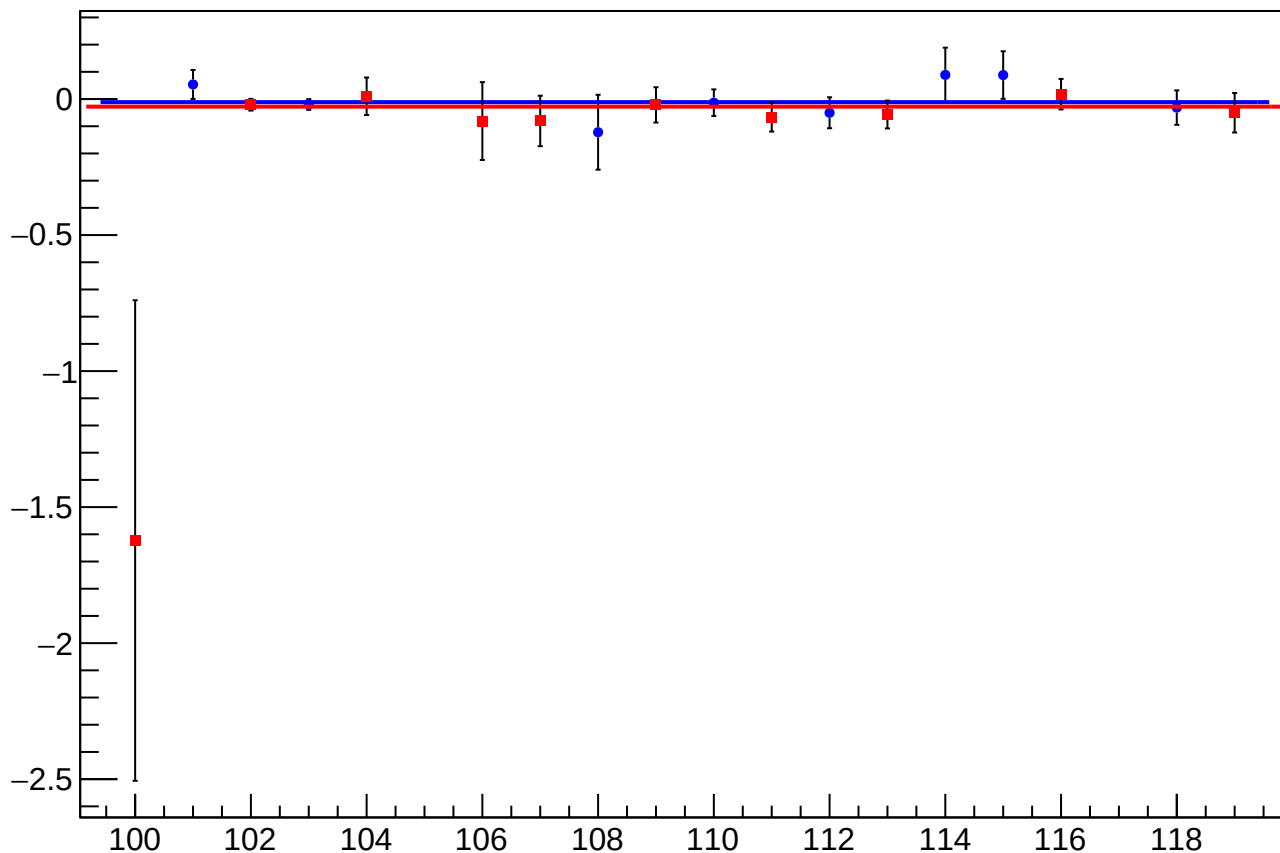
Right: 23.489+/-0.008 χ^2/NDF : 3209547.0/17

In: 21.587+/-0.011 χ^2/NDF : 1579571.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.489+/-0.008 χ^2/NDF : 3209547.0/17

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.015 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.016 χ^2 /NDF: 5.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

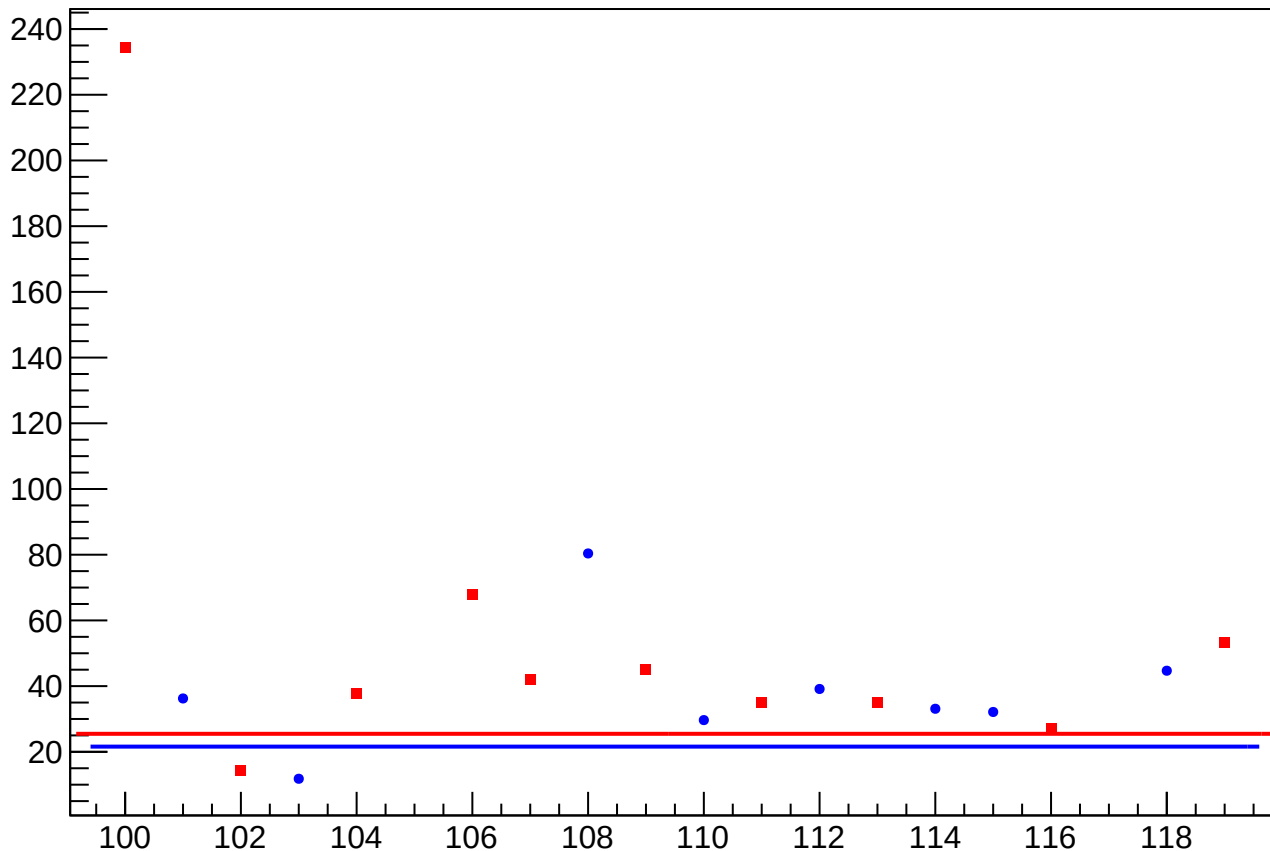
Right: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

In: -0.011 $\pm$ 0.015 χ^2 /NDF:5.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.011 χ^2 /NDF: 11.5/17

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.587+/-0.011 χ^2/NDF : 1579571.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.485+/-0.011 χ^2/NDF : 1567609.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

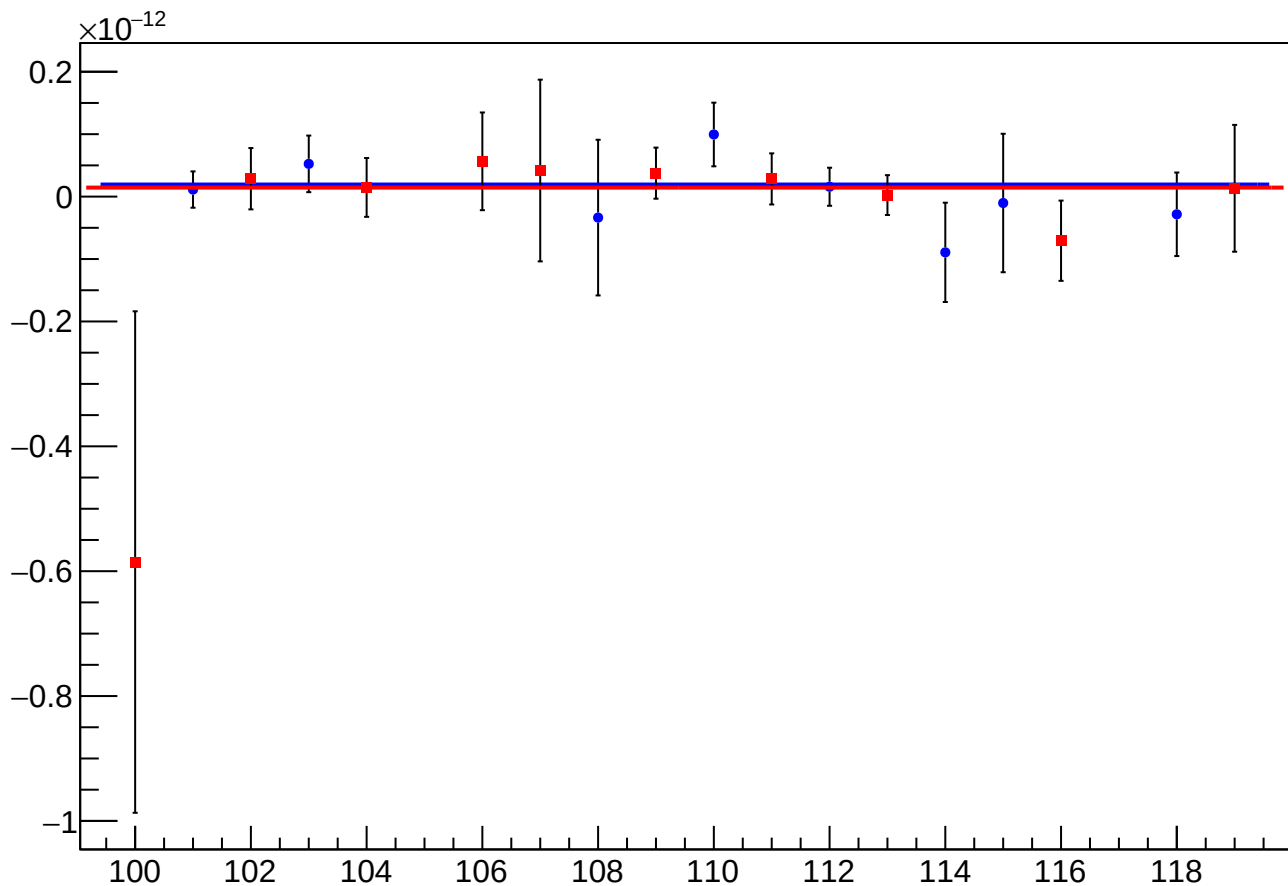
Right: 23.489+/-0.008 χ^2/NDF : 3209547.0/17

In: 21.587+/-0.011 χ^2/NDF : 1579571.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.489+/-0.008 χ^2/NDF : 3209547.0/17

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

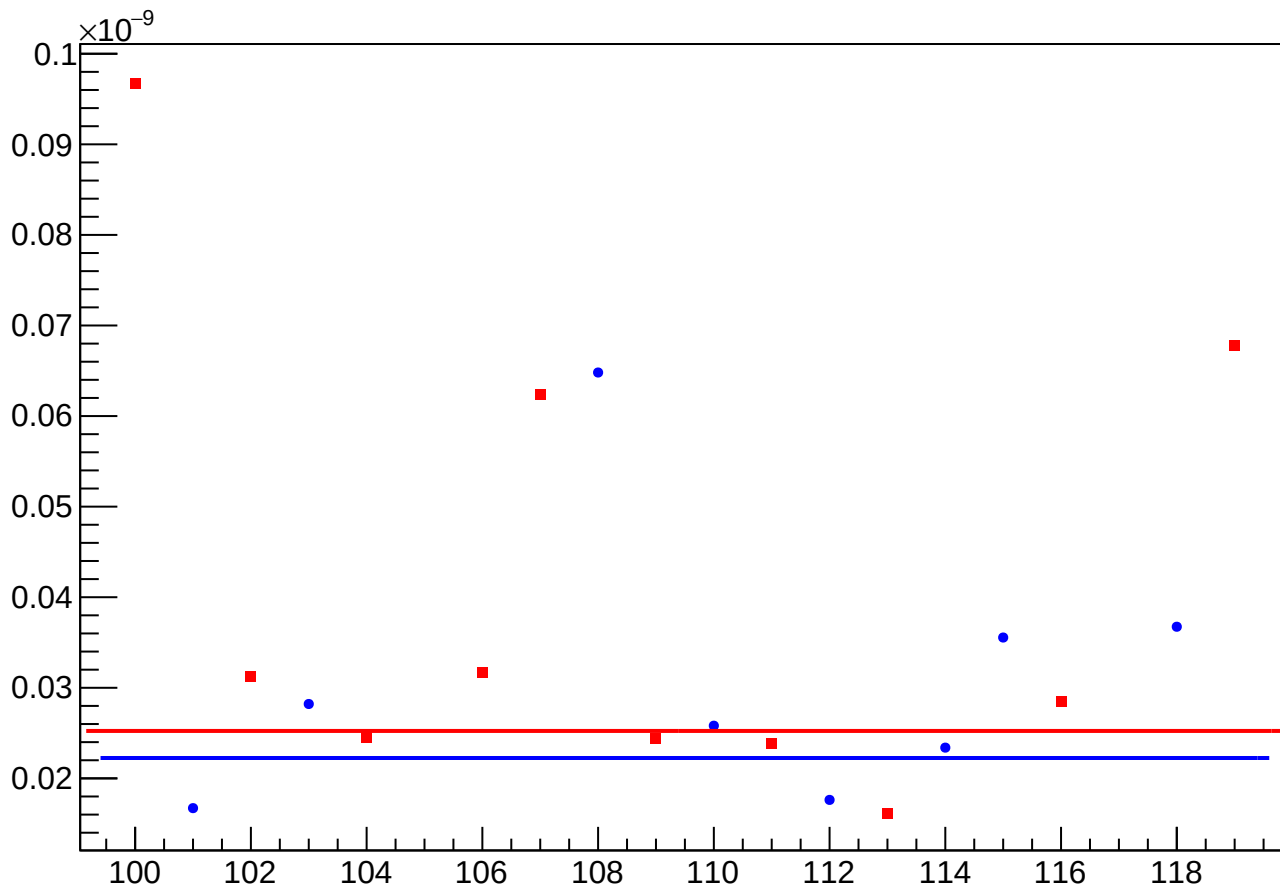
Right: 0.000+/-0.000 χ^2/NDF : 10.7/17

In: 0.000+/-0.000 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.7/17

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 518854.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 760286.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

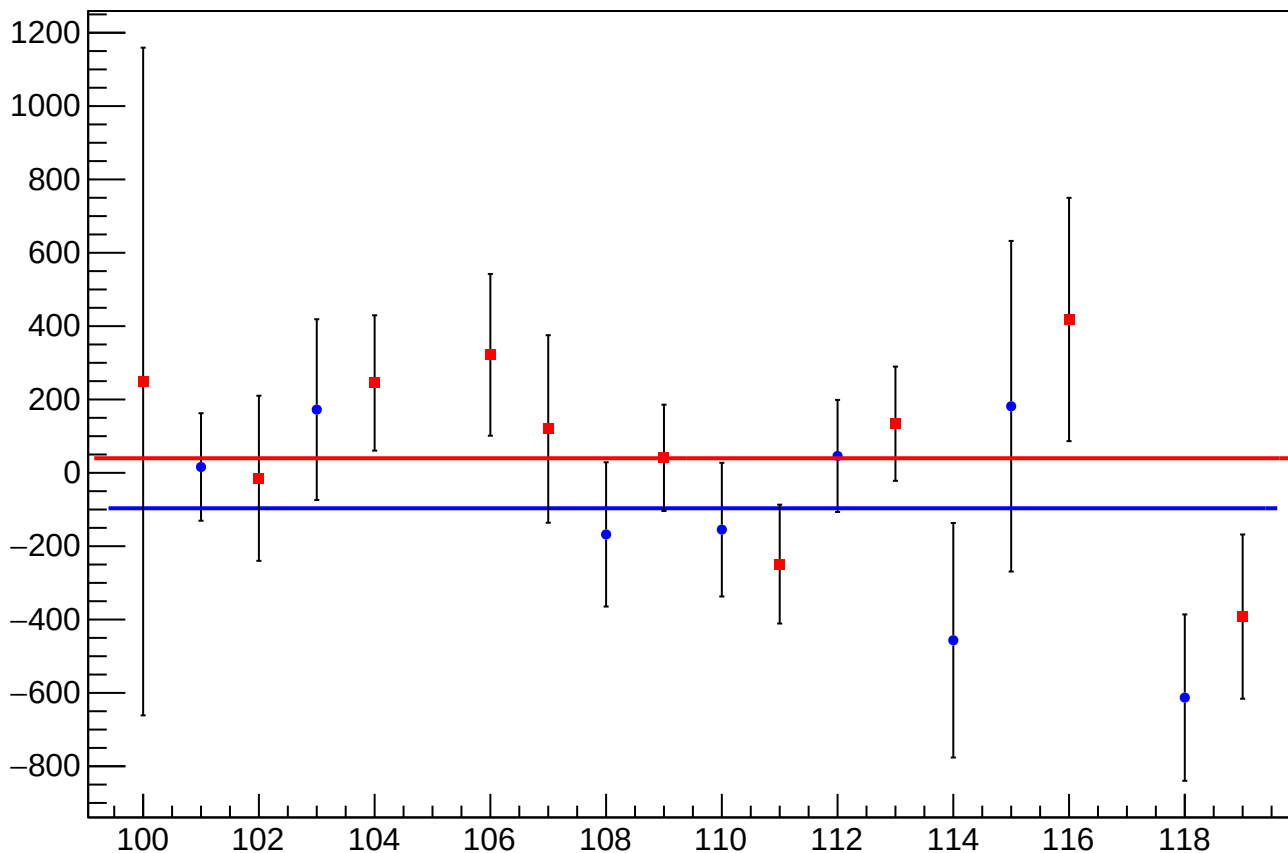
Right: 0.000+/-0.000 χ^2/NDF : 1311492.7/17

In: 0.000+/-0.000 χ^2/NDF : 518854.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1311492.7/17

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -96.612 $\pm$ 71.440 χ^2 /NDF: 9.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.778 $\pm$ 64.264 χ^2 /NDF: 11.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

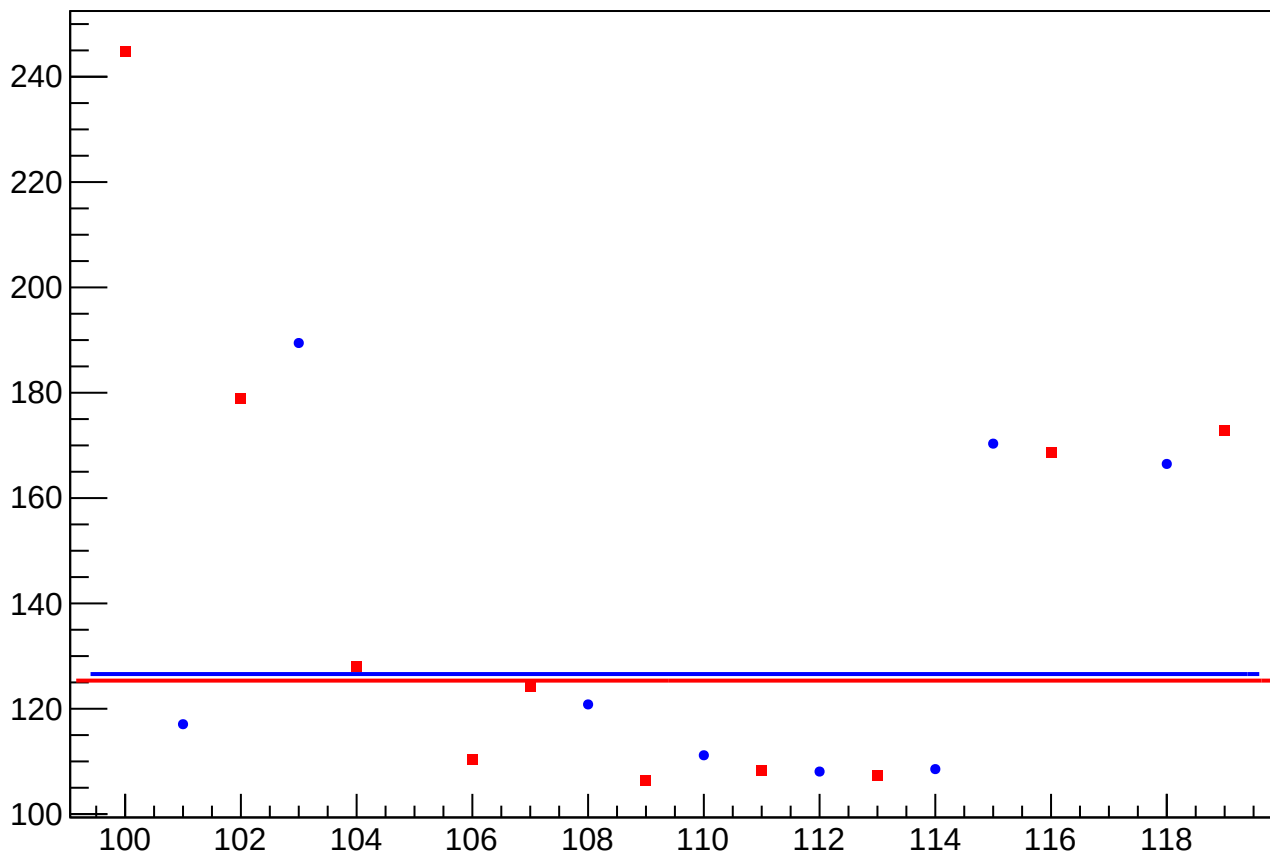
Right: -21.225 $\pm$ 47.778 χ^2 /NDF: 23.4/17

In: -96.612 $\pm$ 71.440 χ^2 /NDF:9.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.225 $\pm$ 47.778 χ^2 /NDF: 23.4/17

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.588+/-0.051 χ^2/NDF : 271014.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 125.344+/-0.045 χ^2/NDF : 364546.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

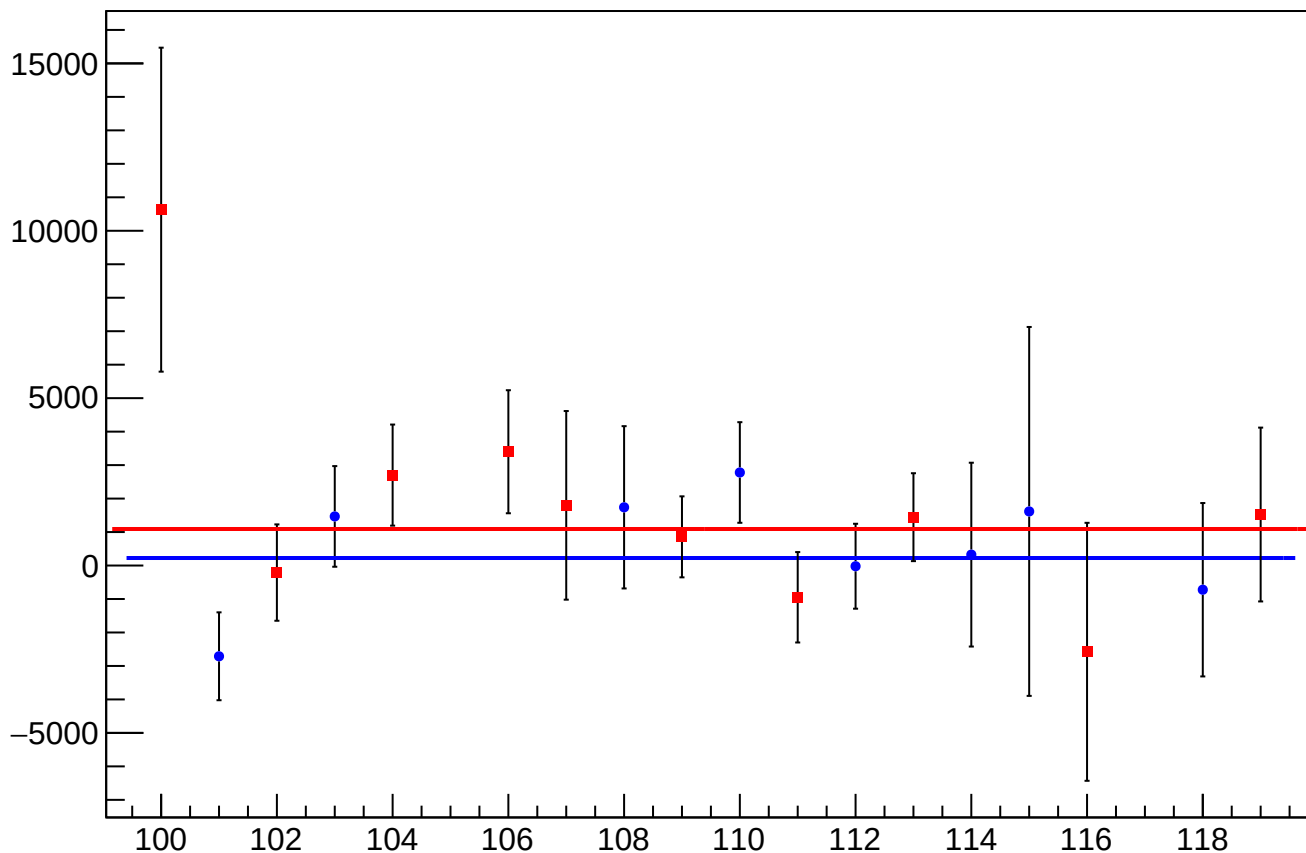
Right: 125.900+/-0.034 χ^2/NDF : 635896.2/17

In: 126.588+/-0.051 χ^2/NDF : 271014.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.900+/-0.034 χ^2/NDF : 635896.2/17

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 224.799+/-623.538 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.493+/-541.273 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

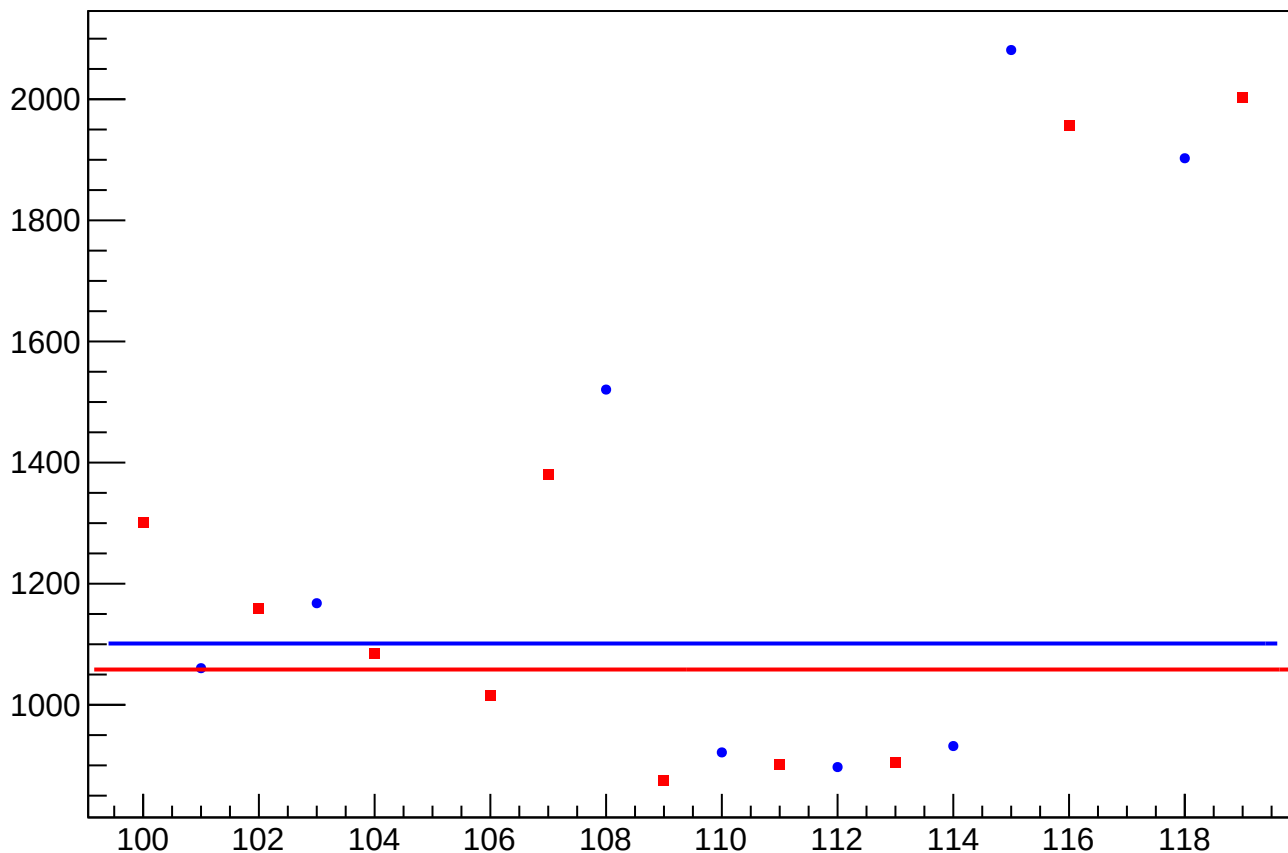
Right: 719.053+/-408.750 χ^2/NDF : 21.1/17

In: 224.799+/-623.538 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.053+/-408.750 χ^2/NDF : 21.1/17

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1101.242+/-0.441 χ^2/NDF : 408387.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.304+/-0.383 χ^2/NDF : 516265.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

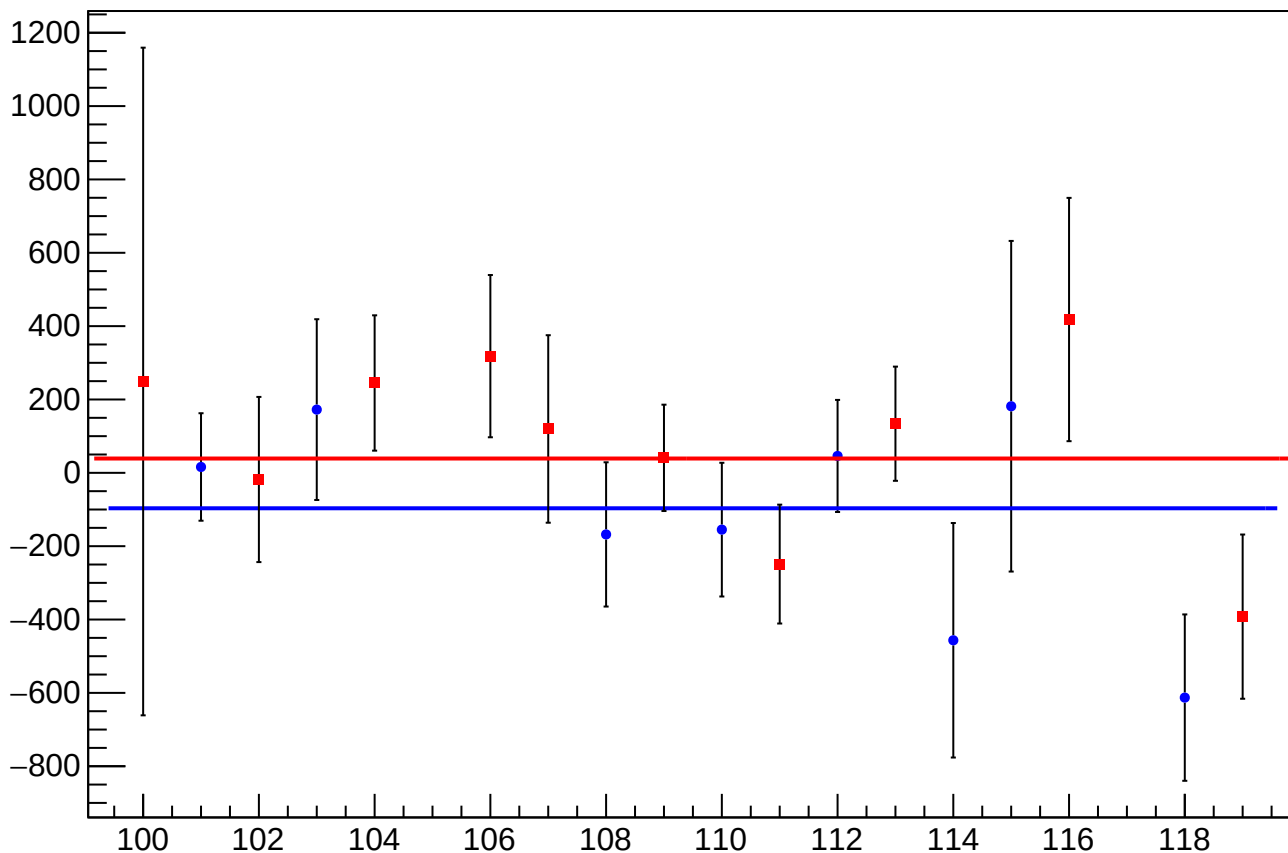
Right: 1076.756+/-0.289 χ^2/NDF : 930061.6/17

In: 1101.242+/-0.441 χ^2/NDF : 408387.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.756+/-0.289 χ^2/NDF : 930061.6/17

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -96.637 $\pm$ 71.440 χ^2 /NDF: 9.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.036 $\pm$ 64.283 χ^2 /NDF: 11.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

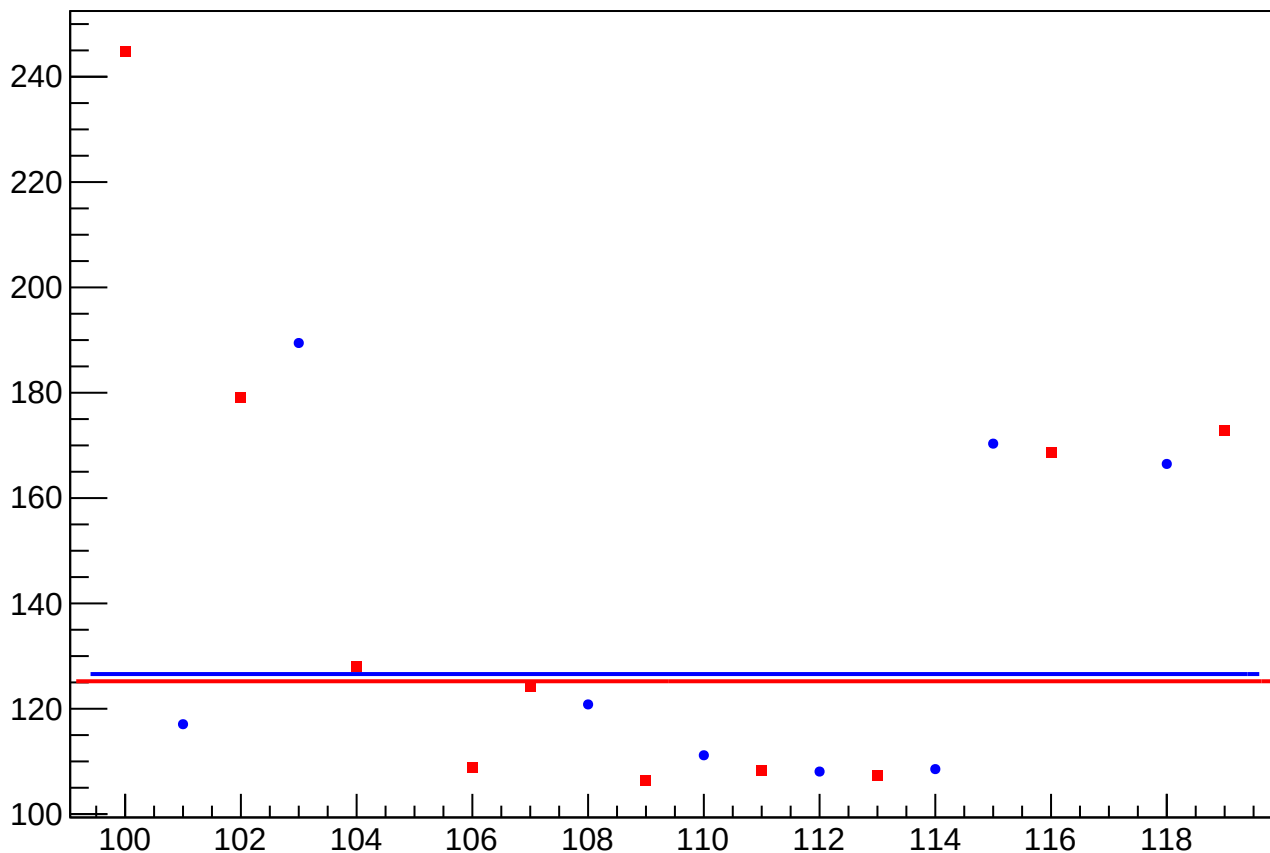
Right: -21.666 $\pm$ 47.786 χ^2 /NDF: 23.3/17

In: -96.637 $\pm$ 71.440 χ^2 /NDF:9.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.666 $\pm$ 47.786 χ^2 /NDF: 23.3/17

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.588 $\pm$ 0.051 χ^2 /NDF: 271017.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.219 $\pm$ 0.045 χ^2 /NDF: 366767.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

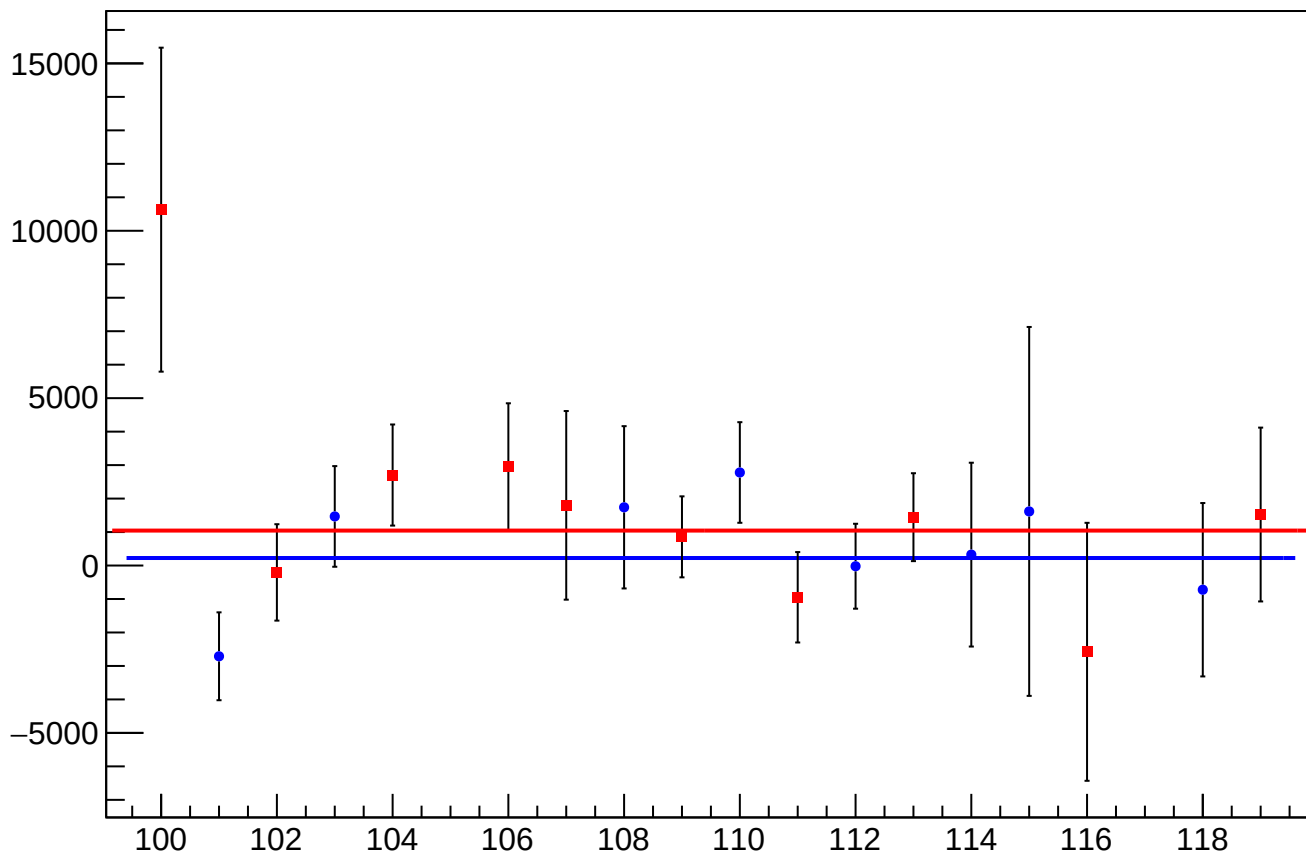
Right: 125.832 $\pm$ 0.034 χ^2 /NDF: 638191.1/17

In: 126.588 $\pm$ 0.051 χ^2 /NDF:271017.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.832 $\pm$ 0.034 χ^2 /NDF: 638191.1/17

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.694+/-623.547 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.111+/-542.699 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

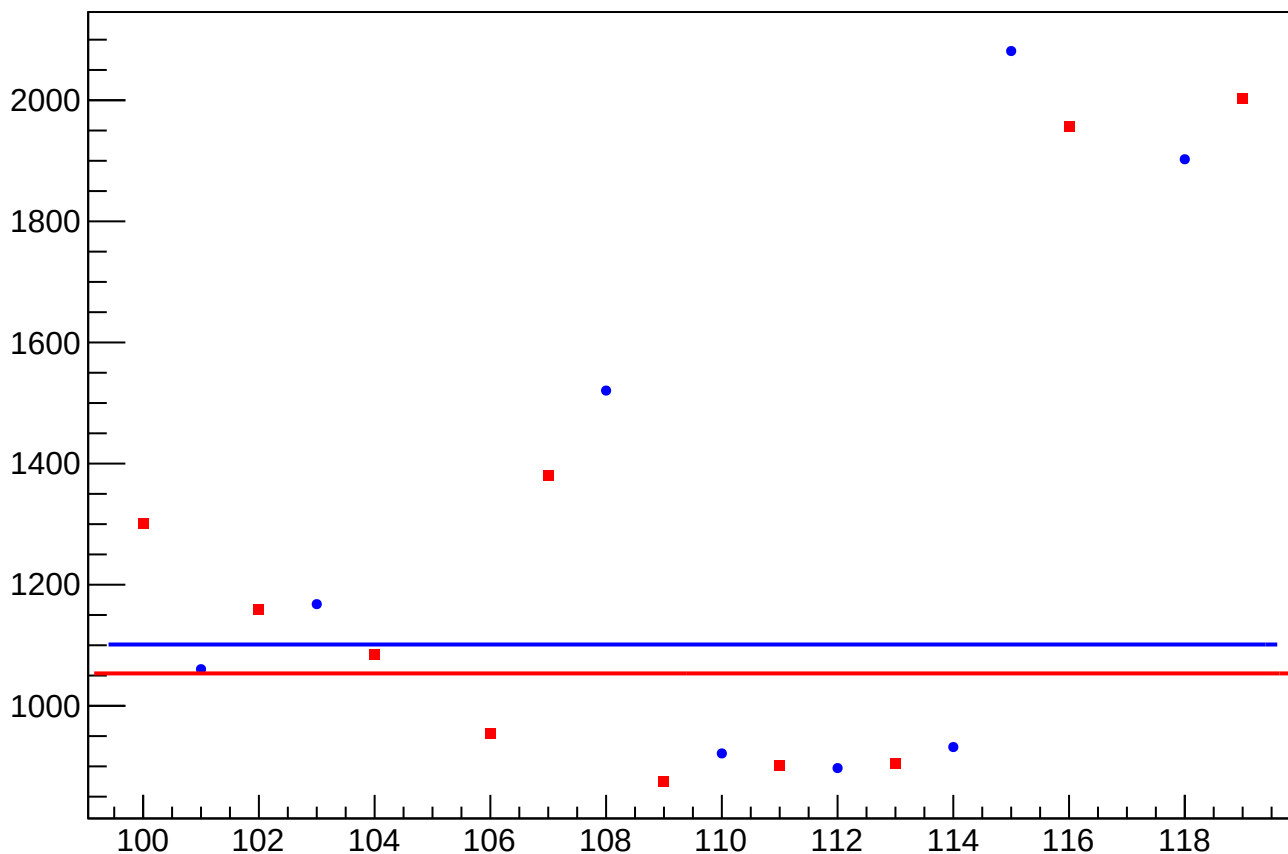
Right: 690.936+/-409.366 χ^2/NDF : 20.4/17

In: 224.694+/-623.547 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.936+/-409.366 χ^2/NDF : 20.4/17

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1101.258+/-0.441 χ^2/NDF : 408397.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.516+/-0.384 χ^2/NDF : 521211.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

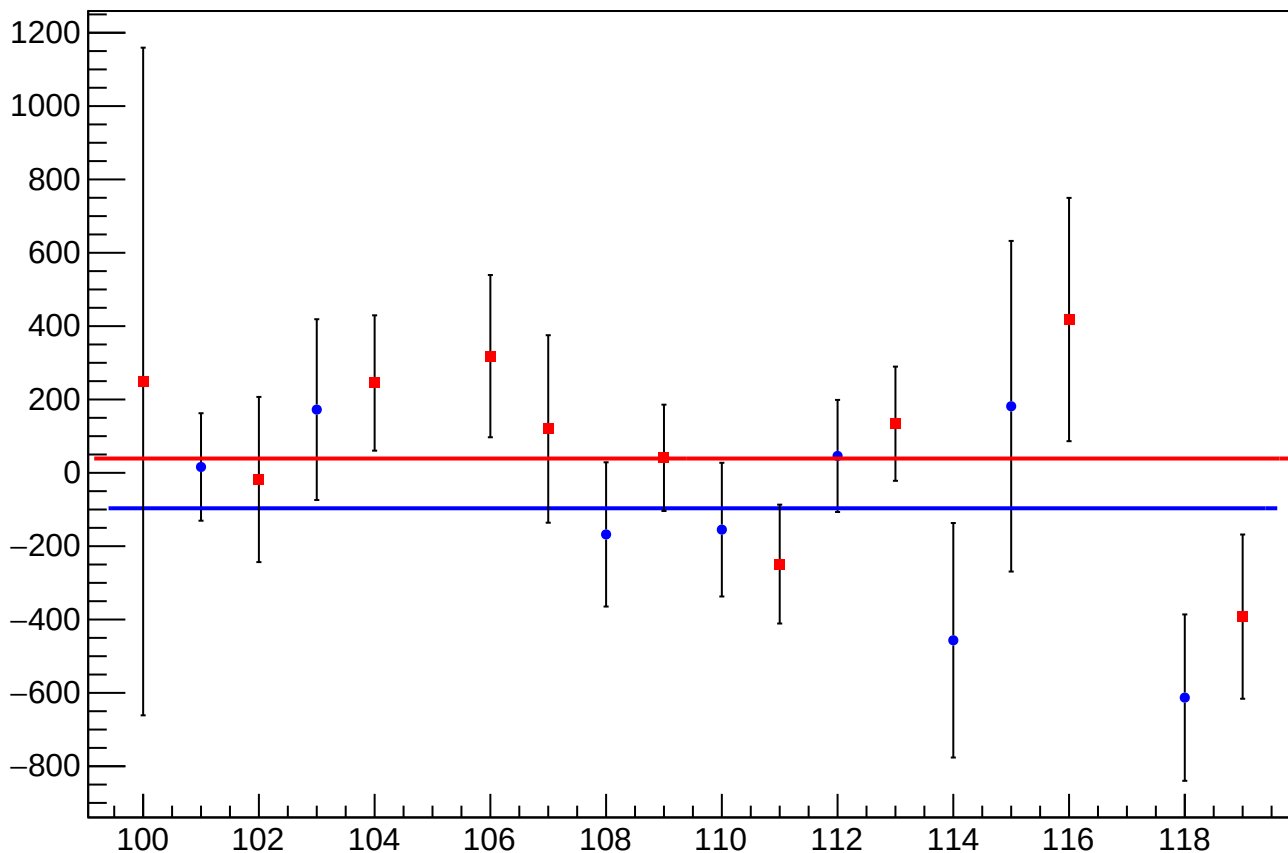
Right: 1074.093+/-0.289 χ^2/NDF : 936279.8/17

In: 1101.258+/-0.441 χ^2/NDF : 408397.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.093+/-0.289 χ^2/NDF : 936279.8/17

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -96.637+/-71.440 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.036+/-64.283 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

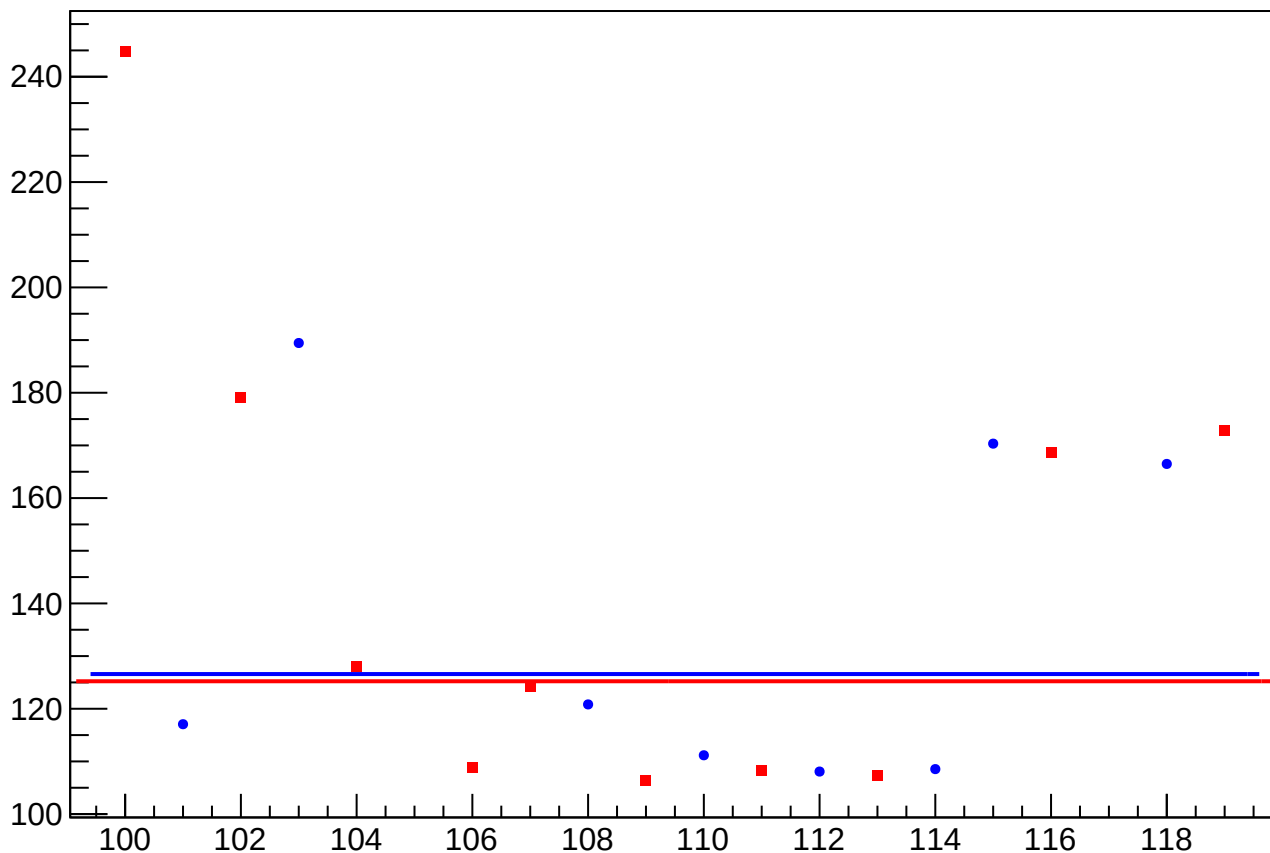
Right: -21.666+/-47.786 χ^2/NDF : 23.3/17

In: -96.637+/-71.440 χ^2/NDF : 9.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.666+/-47.786 χ^2/NDF : 23.3/17

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 126.588 $\pm$ 0.051 χ^2 /NDF: 271017.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 125.219 $\pm$ 0.045 χ^2 /NDF: 366767.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

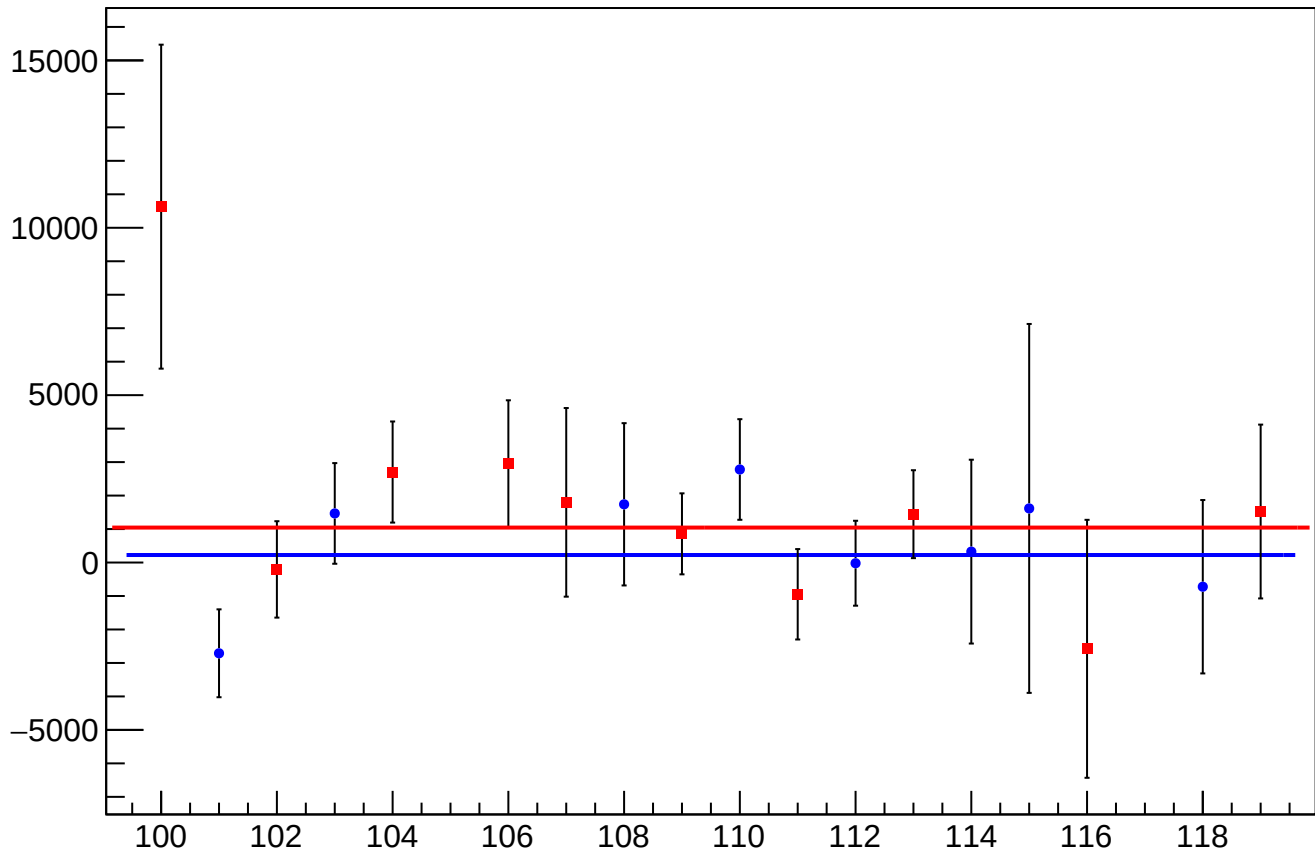
Right: 125.832 $\pm$ 0.034 χ^2 /NDF: 638191.1/17

In: 126.588 $\pm$ 0.051 χ^2 /NDF:271017.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 125.832 $\pm$ 0.034 χ^2 /NDF: 638191.1/17

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 224.694+/-623.547 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.111+/-542.699 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

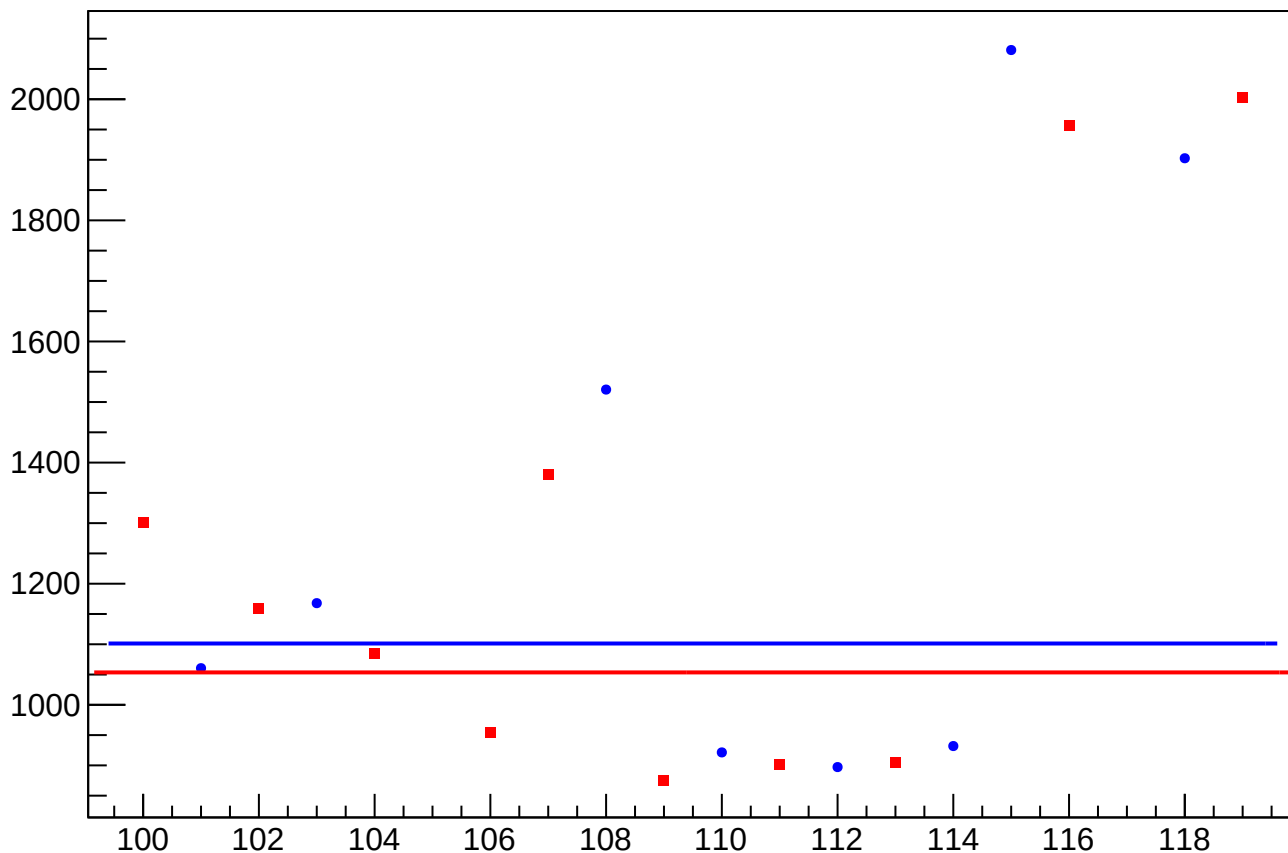
Right: 690.936+/-409.366 χ^2/NDF : 20.4/17

In: 224.694+/-623.547 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.936+/-409.366 χ^2/NDF : 20.4/17

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1101.258+/-0.441 χ^2/NDF : 408397.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1053.516+/-0.384 χ^2/NDF : 521211.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

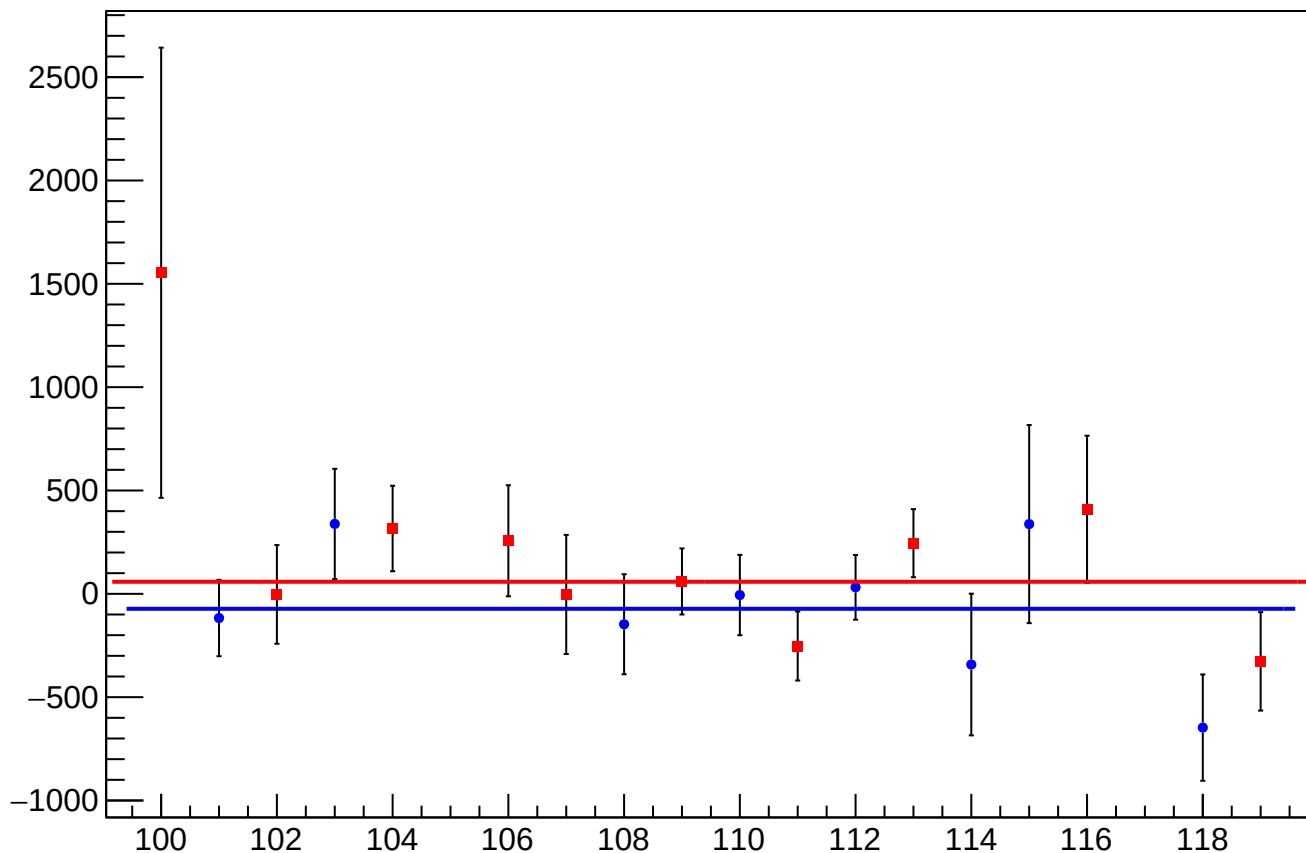
Right: 1074.093+/-0.289 χ^2/NDF : 936279.8/17

In: 1101.258+/-0.441 χ^2/NDF : 408397.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.093+/-0.289 χ^2/NDF : 936279.8/17

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -72.354 $\pm$ 80.151 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.329 $\pm$ 69.844 χ^2 /NDF: 12.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

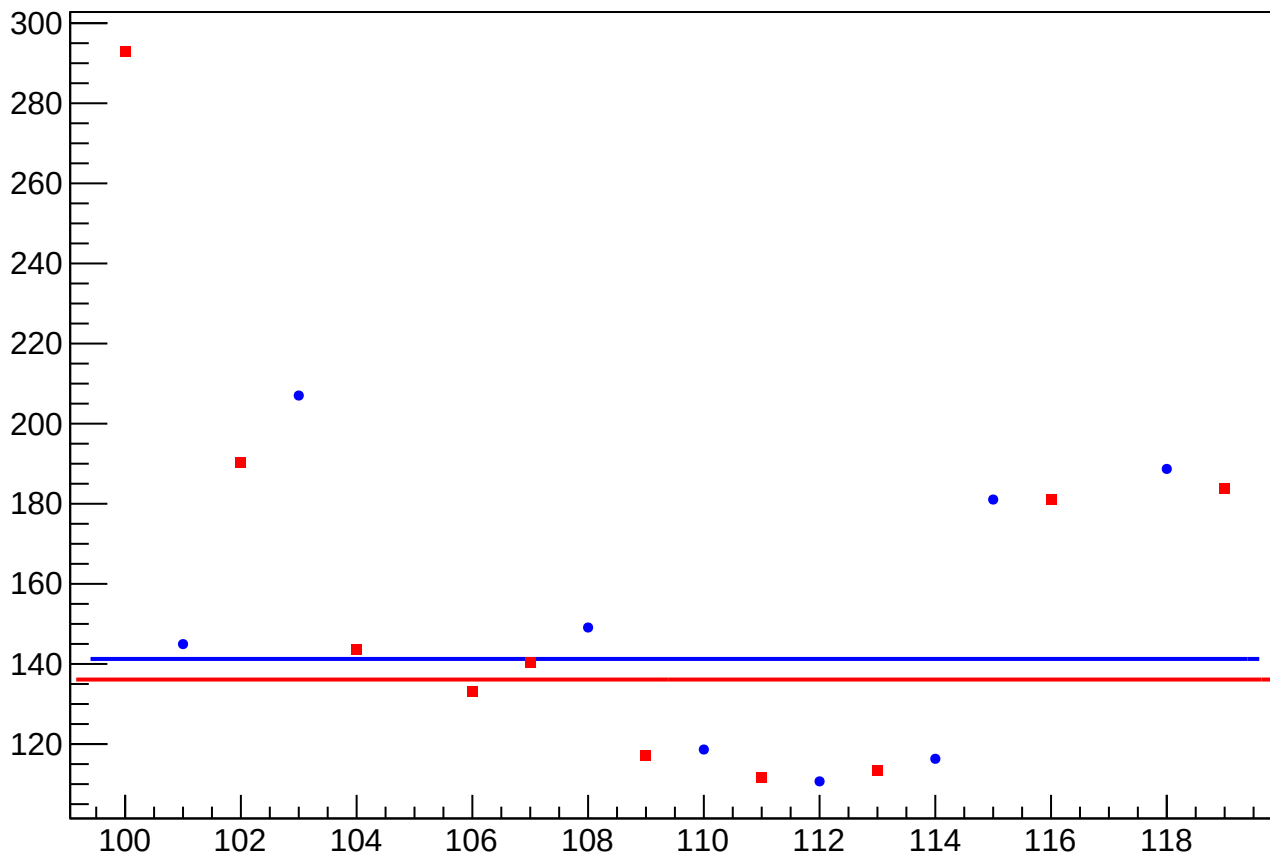
Right: 1.924 $\pm$ 52.657 χ^2 /NDF: 23.4/17

In: -72.354 $\pm$ 80.151 χ^2 /NDF:9.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.924 $\pm$ 52.657 χ^2 /NDF: 23.4/17

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 141.255+/-0.057 χ^2/NDF : 320343.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.109+/-0.049 χ^2/NDF : 369248.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

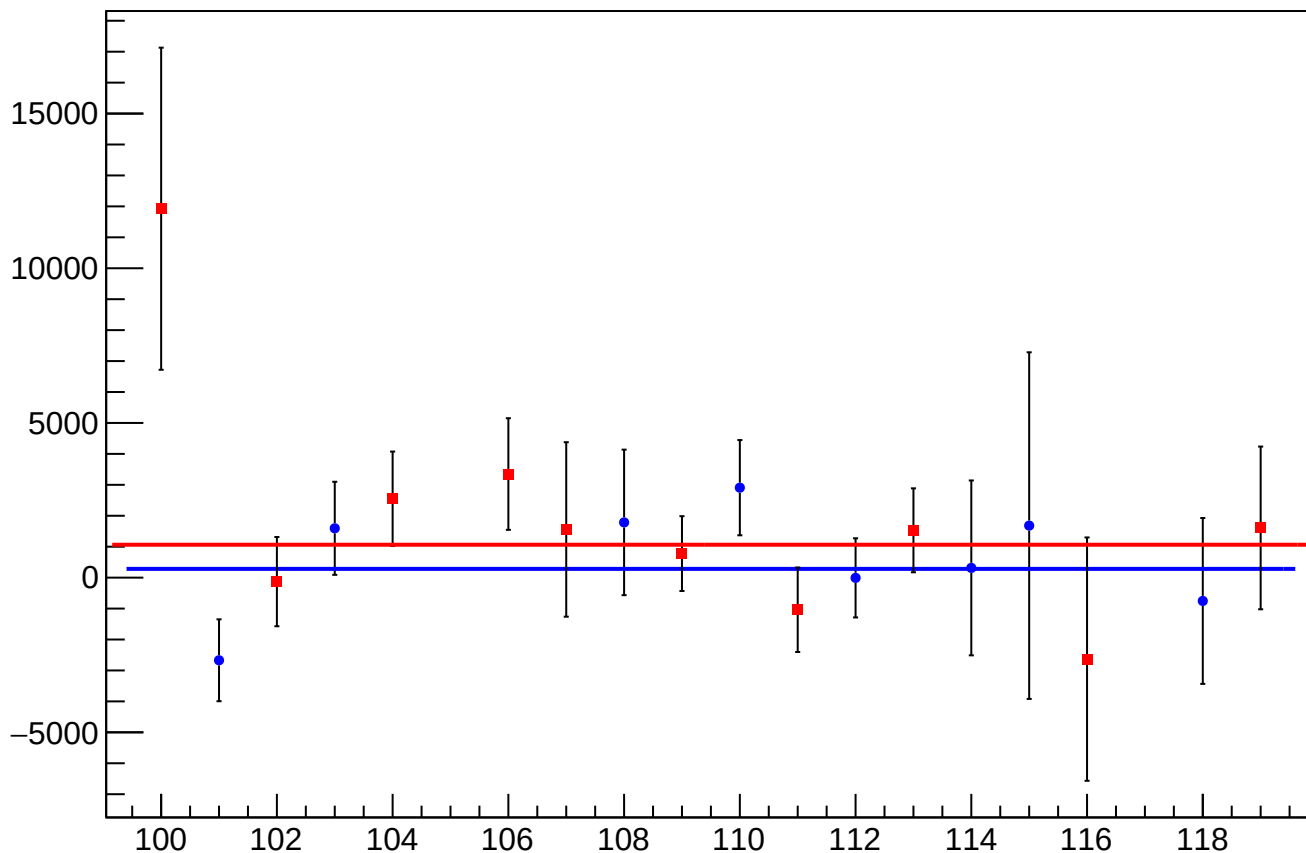
Right: 138.330+/-0.037 χ^2/NDF : 694277.6/17

In: 141.255+/-0.057 χ^2/NDF : 320343.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.330+/-0.037 χ^2/NDF : 694277.6/17

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 282.949+/-629.602 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1063.264+/-546.132 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

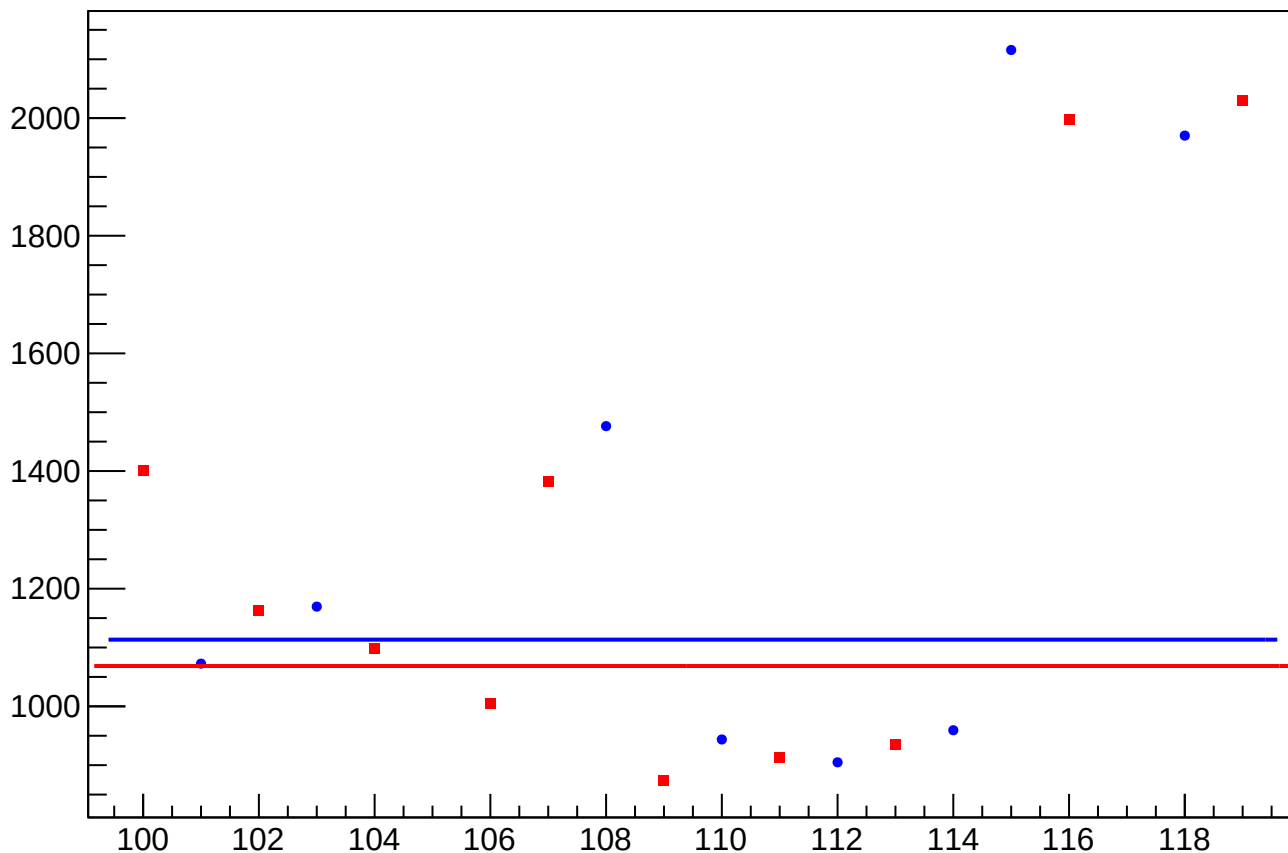
Right: 728.227+/-412.551 χ^2/NDF : 21.3/17

In: 282.949+/-629.602 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 728.227+/-412.551 χ^2/NDF : 21.3/17

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1113.371+/-0.445 χ^2/NDF : 404019.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.545+/-0.386 χ^2/NDF : 520276.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

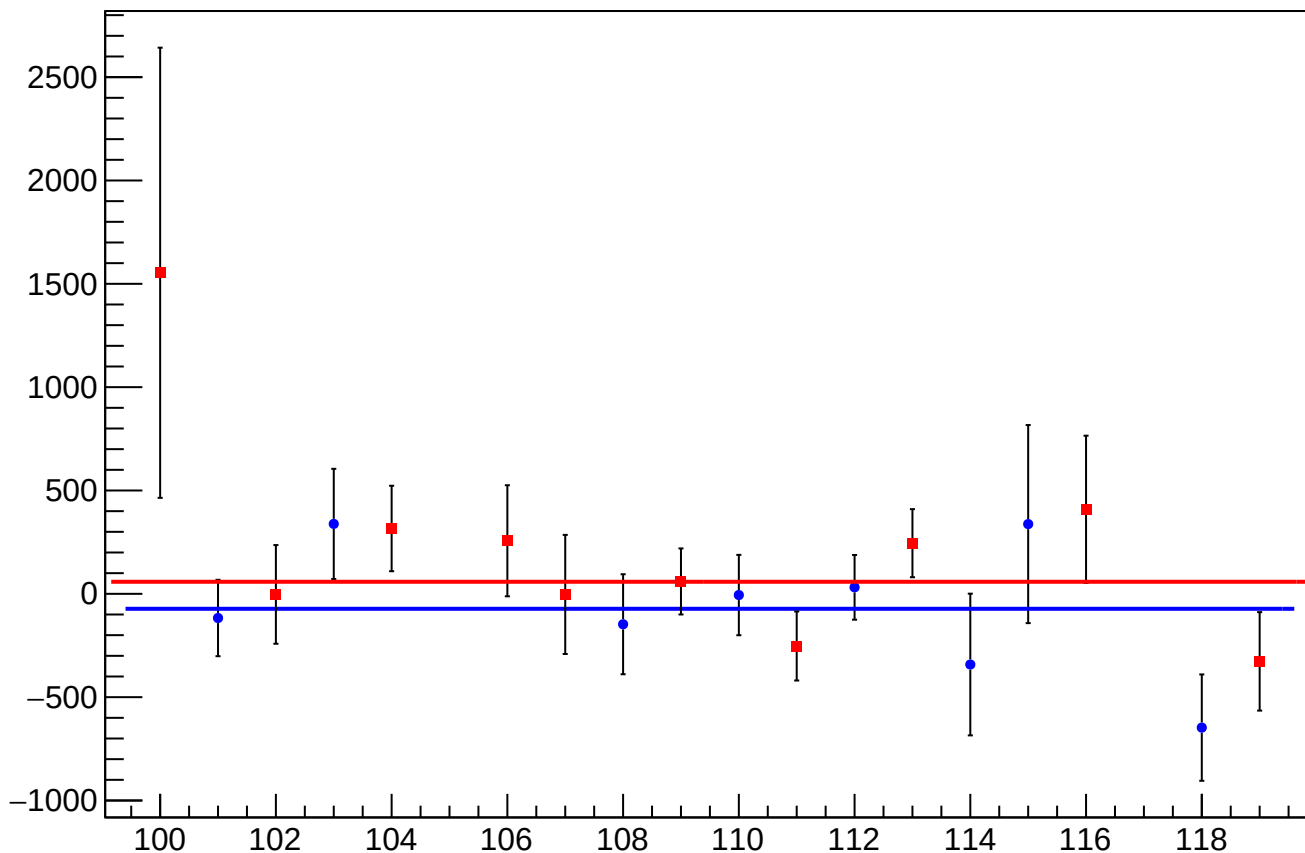
Right: 1087.791+/-0.292 χ^2/NDF : 930081.9/17

In: 1113.371+/-0.445 χ^2/NDF : 404019.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.791+/-0.292 χ^2/NDF : 930081.9/17

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -72.354+/-80.151 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 58.327+/-69.844 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

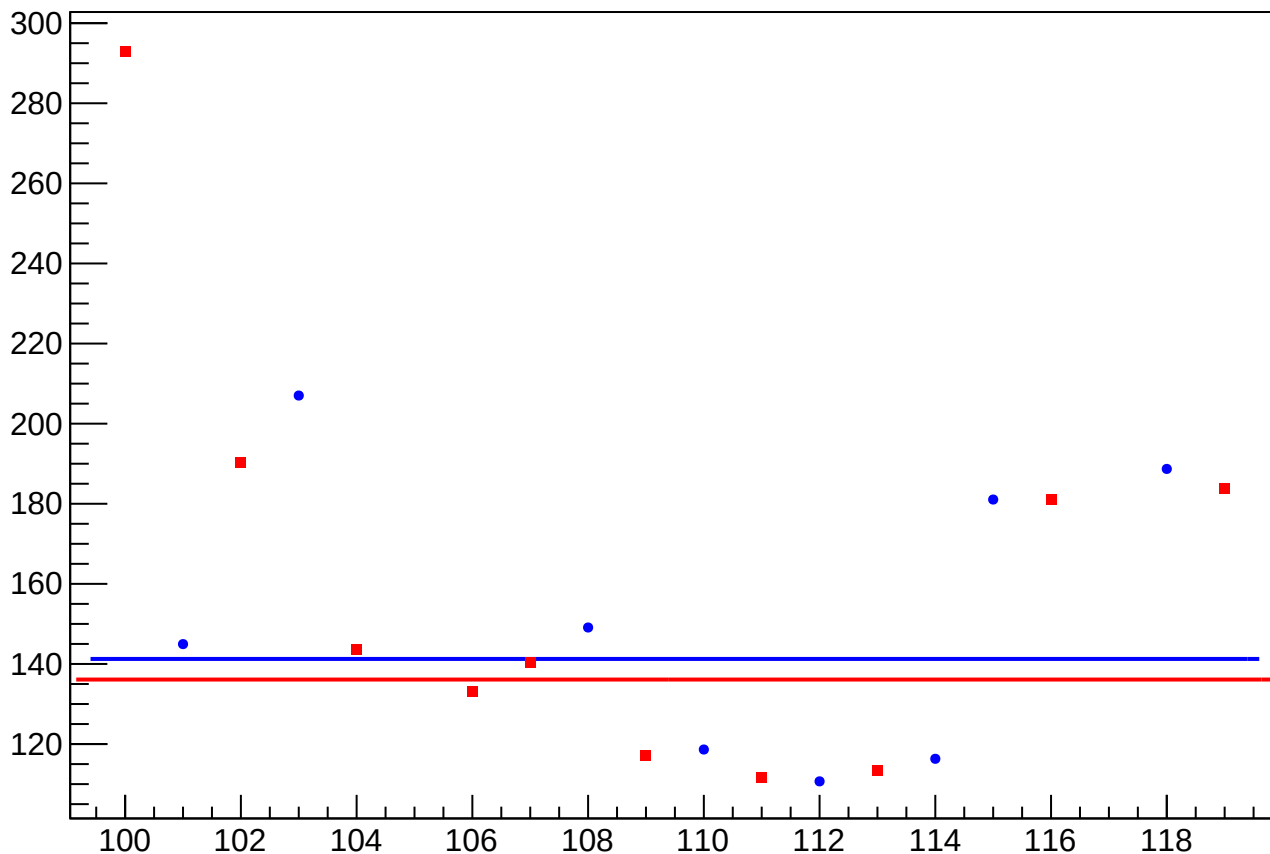
Right: 1.923+/-52.657 χ^2/NDF : 23.4/17

In: -72.354+/-80.151 χ^2/NDF :9.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.923+/-52.657 χ^2/NDF : 23.4/17

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 141.255+/-0.057 χ^2/NDF : 320348.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.109+/-0.049 χ^2/NDF : 369251.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

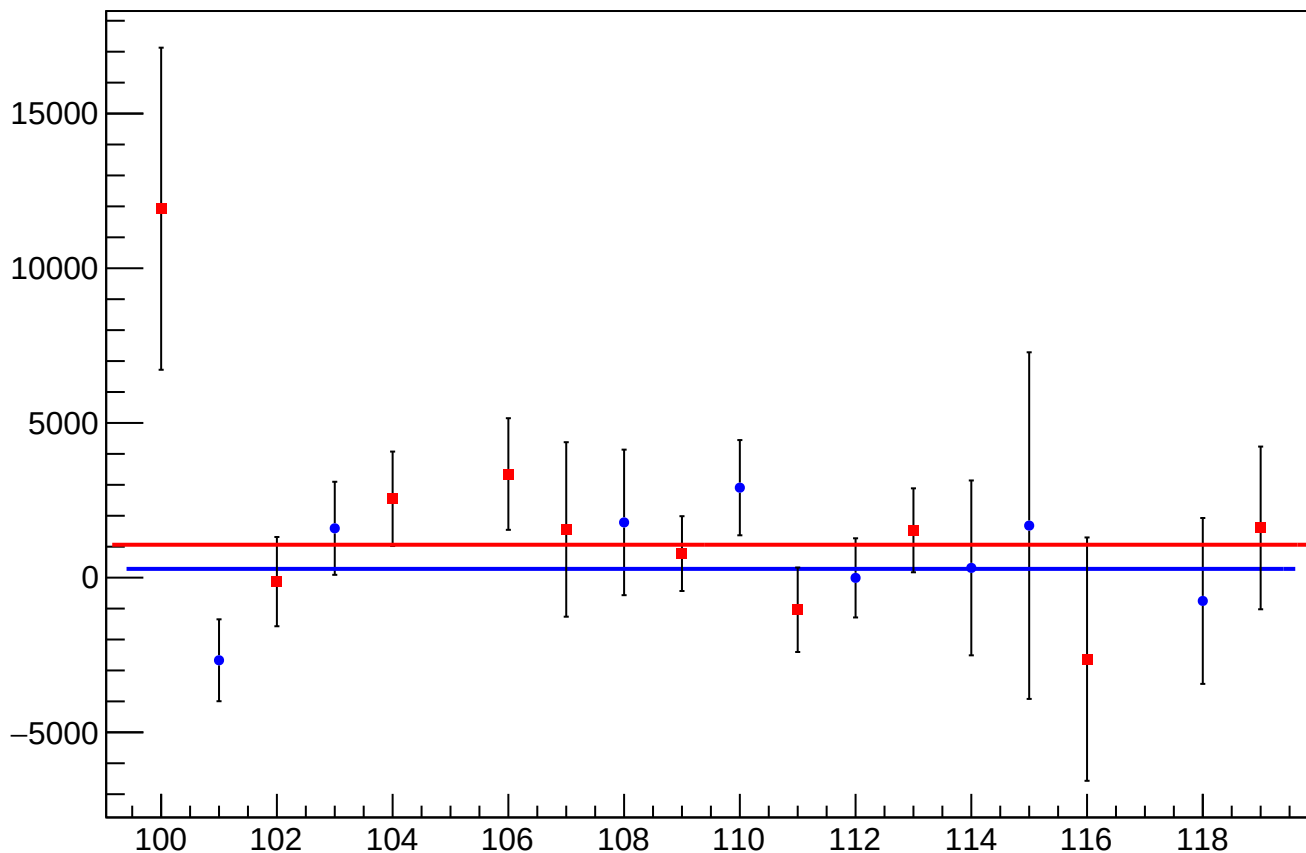
Right: 138.330+/-0.037 χ^2/NDF : 694285.5/17

In: 141.255+/-0.057 χ^2/NDF : 320348.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.330+/-0.037 χ^2/NDF : 694285.5/17

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 282.949 $\pm$ 629.602 χ^2 /NDF: 9.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1063.262 $\pm$ 546.131 χ^2 /NDF: 11.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

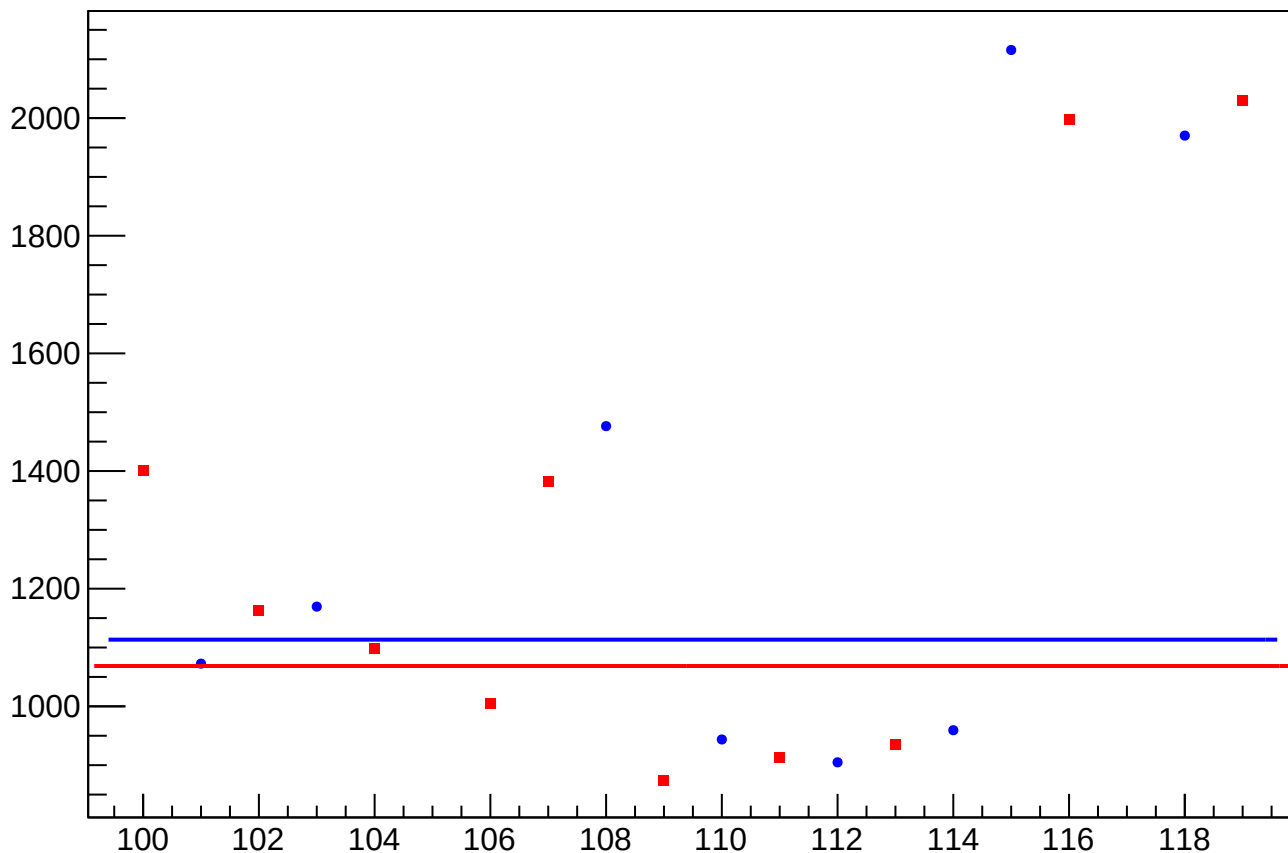
Right: 728.225 $\pm$ 412.551 χ^2 /NDF: 21.3/17

In: 282.949 $\pm$ 629.602 χ^2 /NDF:9.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 728.225 $\pm$ 412.551 χ^2 /NDF: 21.3/17

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1113.370+/-0.445 χ^2/NDF : 404021.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.543+/-0.386 χ^2/NDF : 520279.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

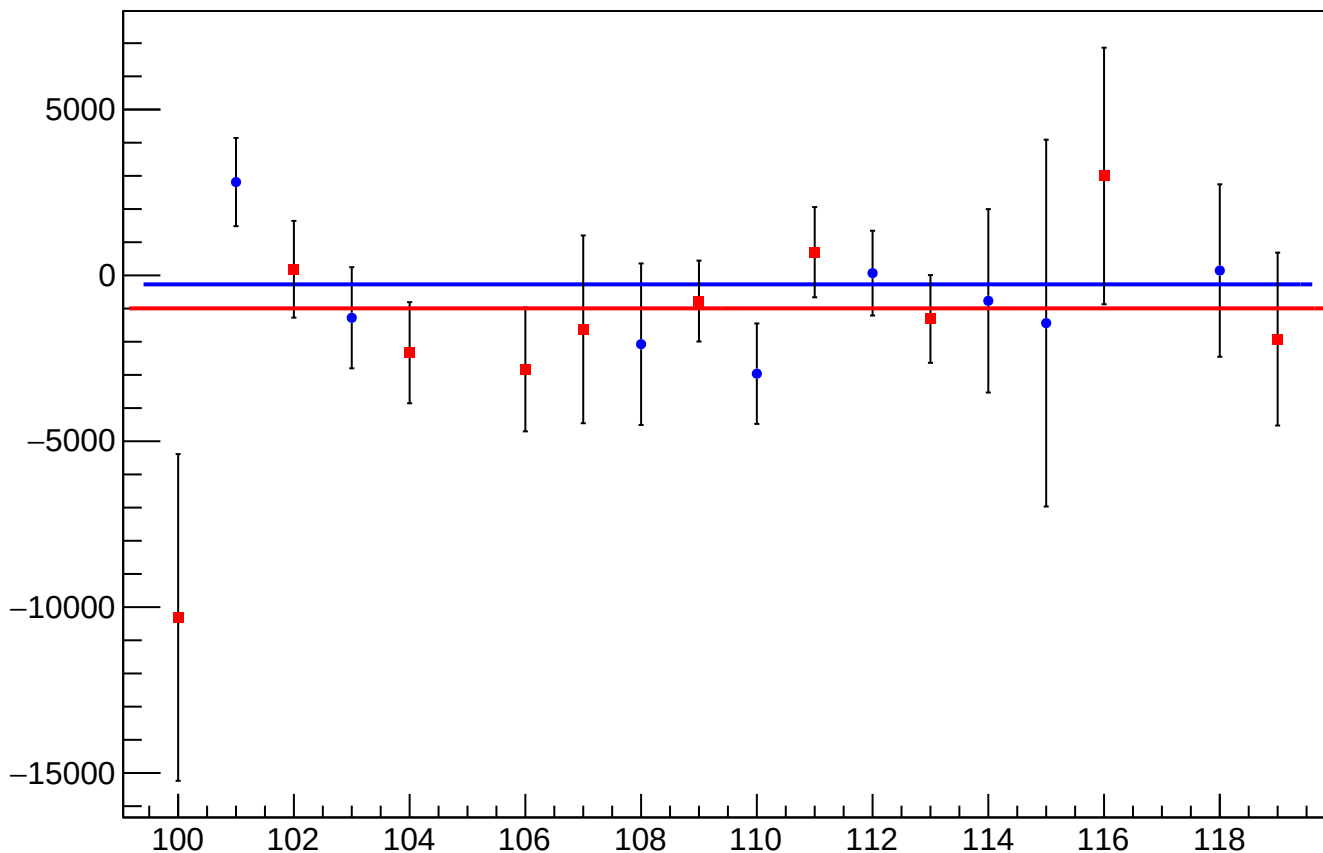
Right: 1087.790+/-0.292 χ^2/NDF : 930086.3/17

In: 1113.370+/-0.445 χ^2/NDF : 404021.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.790+/-0.292 χ^2/NDF : 930086.3/17

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -270.375+/-629.250 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -994.282+/-546.133 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

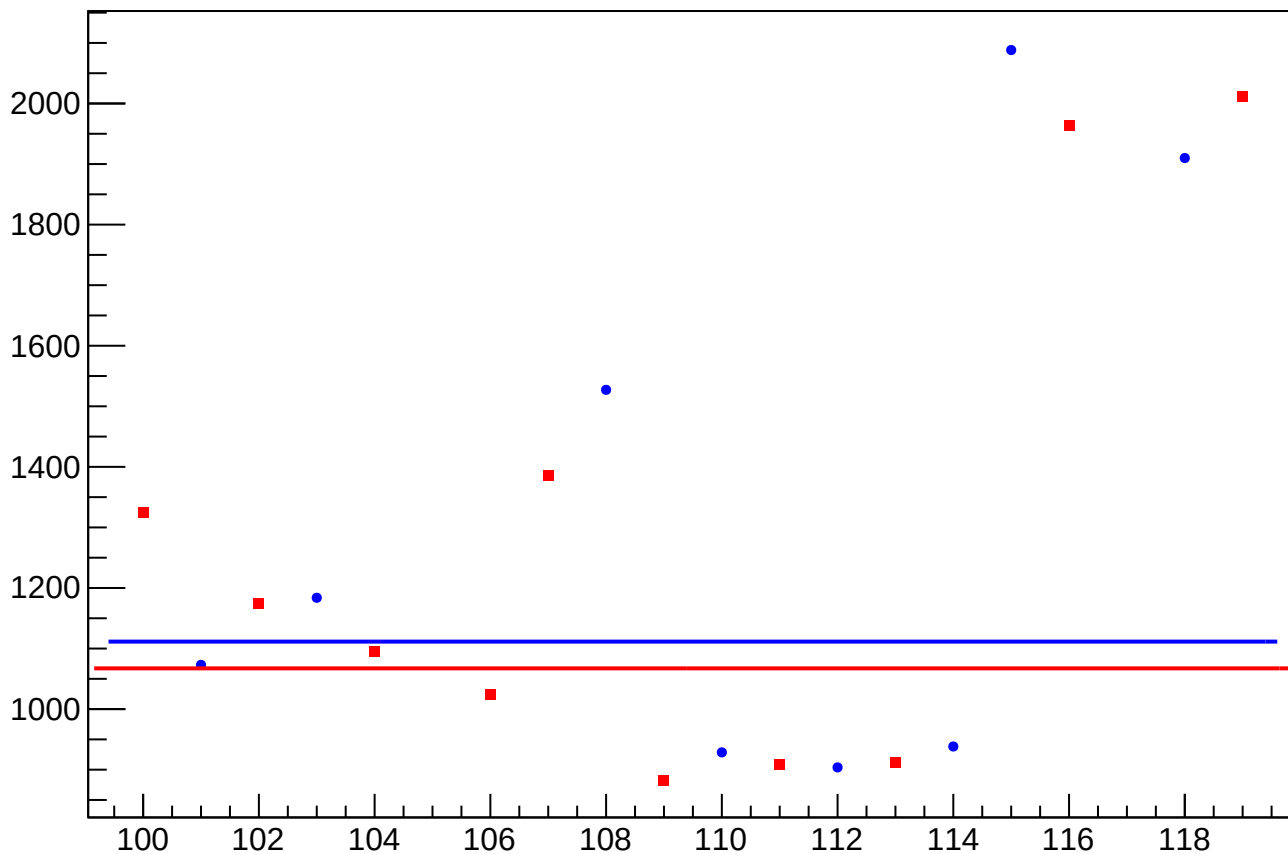
Right: -683.265+/-412.453 χ^2/NDF : 19.3/17

In: -270.375+/-629.250 χ^2/NDF : 9.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -683.265+/-412.453 χ^2/NDF : 19.3/17

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1111.455+/-0.445 χ^2/NDF : 405444.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1067.300+/-0.386 χ^2/NDF : 514039.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

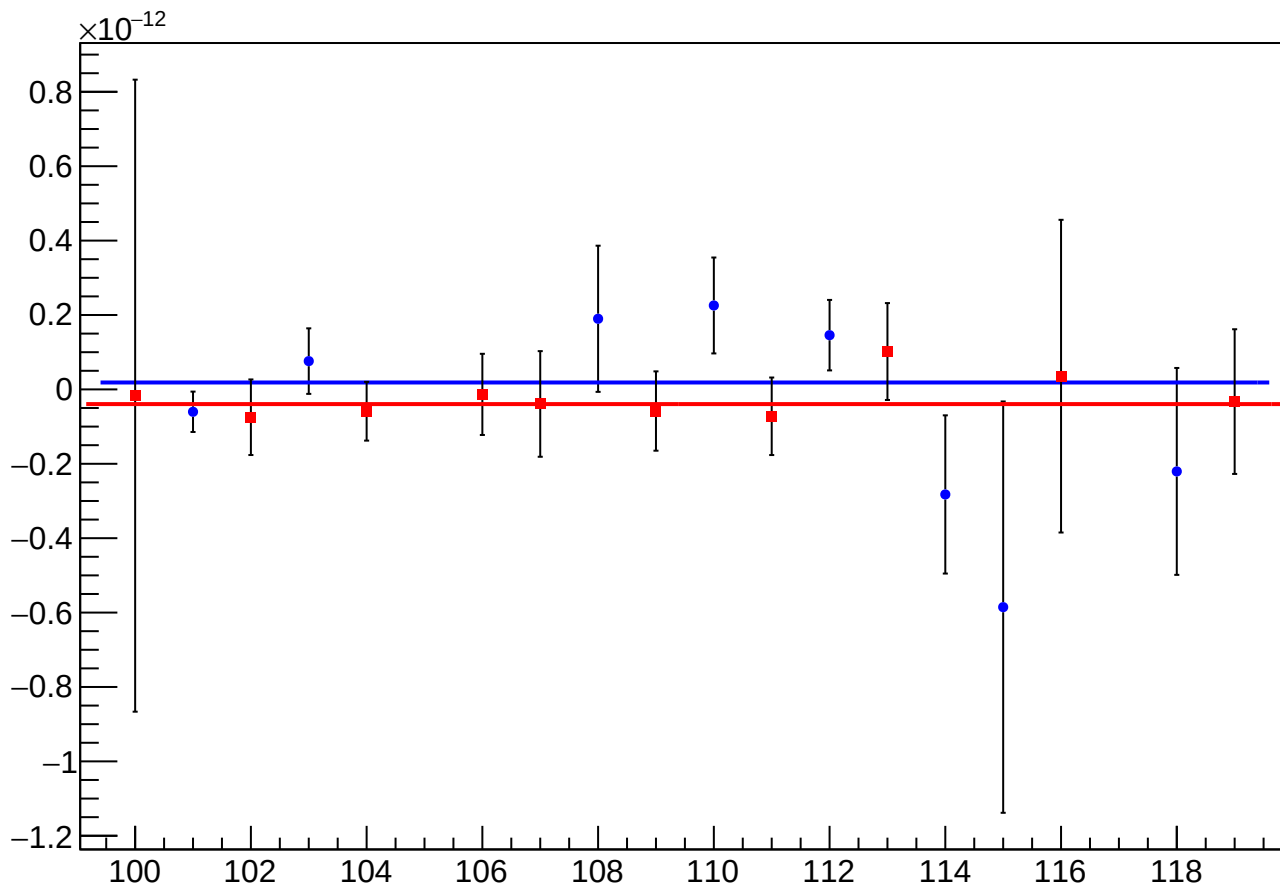
Right: 1086.270+/-0.292 χ^2/NDF : 925101.0/17

In: 1111.455+/-0.445 χ^2/NDF : 405444.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.270+/-0.292 χ^2/NDF : 925101.0/17

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

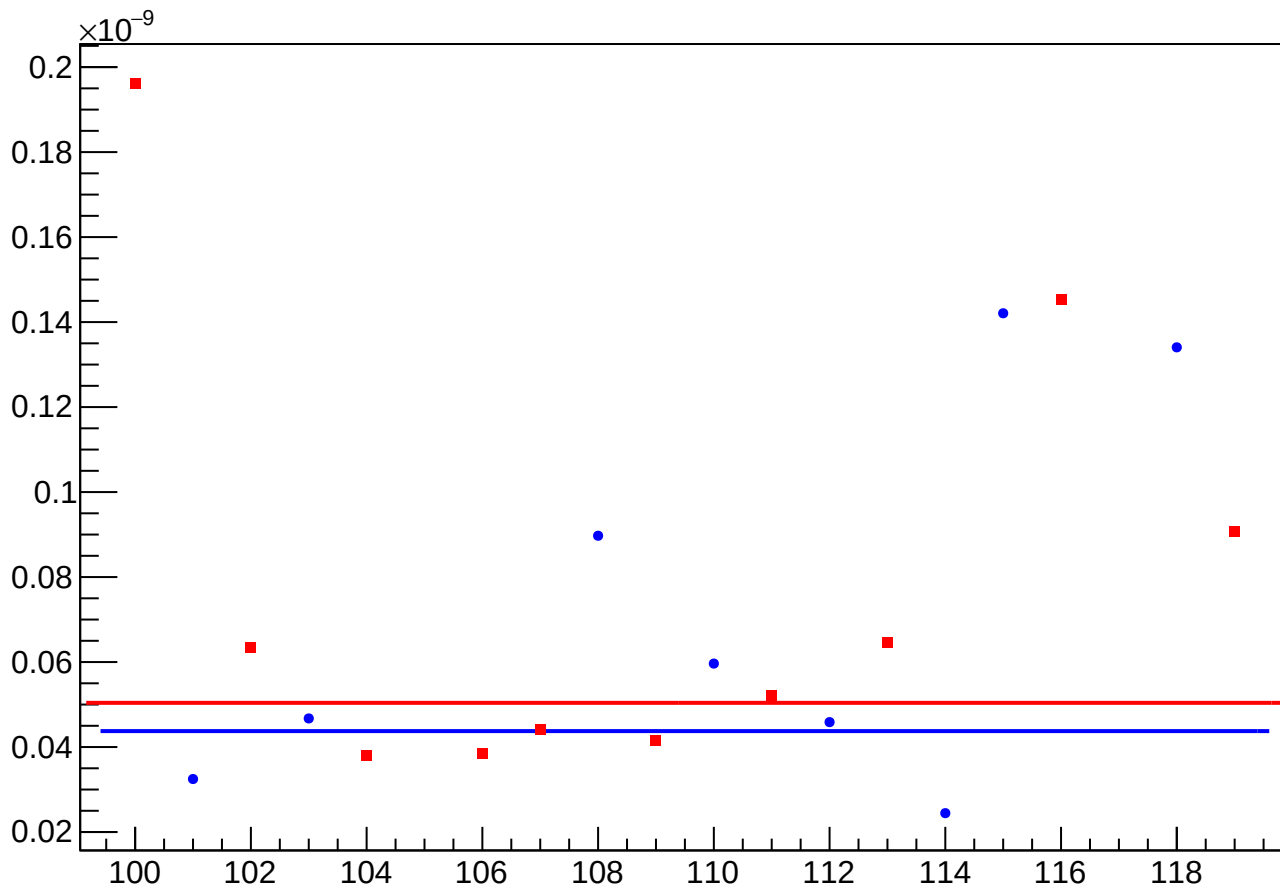
Right: -0.000+/-0.000 χ^2/NDF : 14.3/17

In: 0.000+/-0.000 χ^2/NDF : 11.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/17

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 520122.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 394607.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

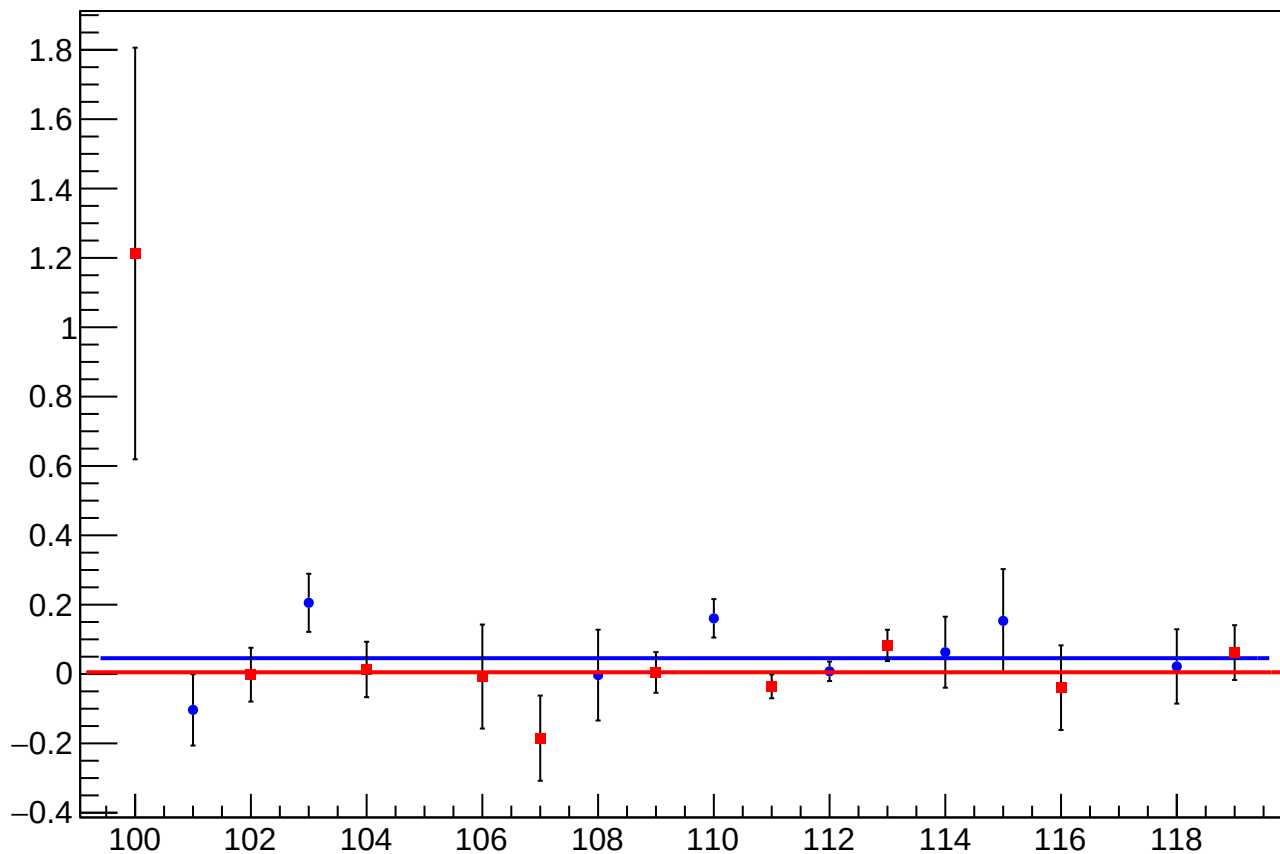
Right: 0.000+/-0.000 χ^2/NDF : 944959.8/17

In: 0.000+/-0.000 χ^2/NDF : 520122.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 944959.8/17

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.022 χ^2/NDF : 12.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

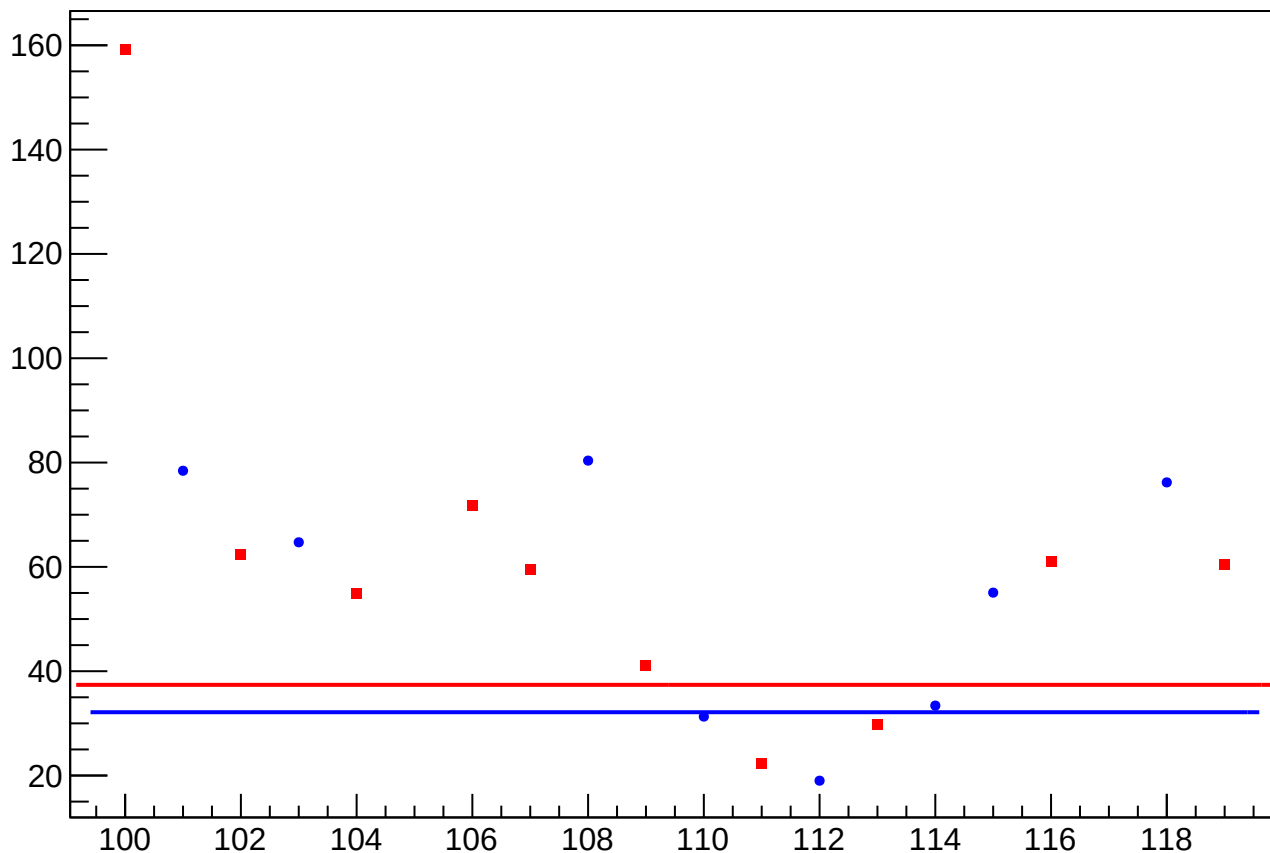
Right: 0.025+/-0.015 χ^2/NDF : 26.0/17

In: 0.046+/-0.022 χ^2/NDF : 12.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.015 χ^2/NDF : 26.0/17

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.136+/-0.015 χ^2/NDF : 1801424.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.385+/-0.015 χ^2/NDF : 1256999.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

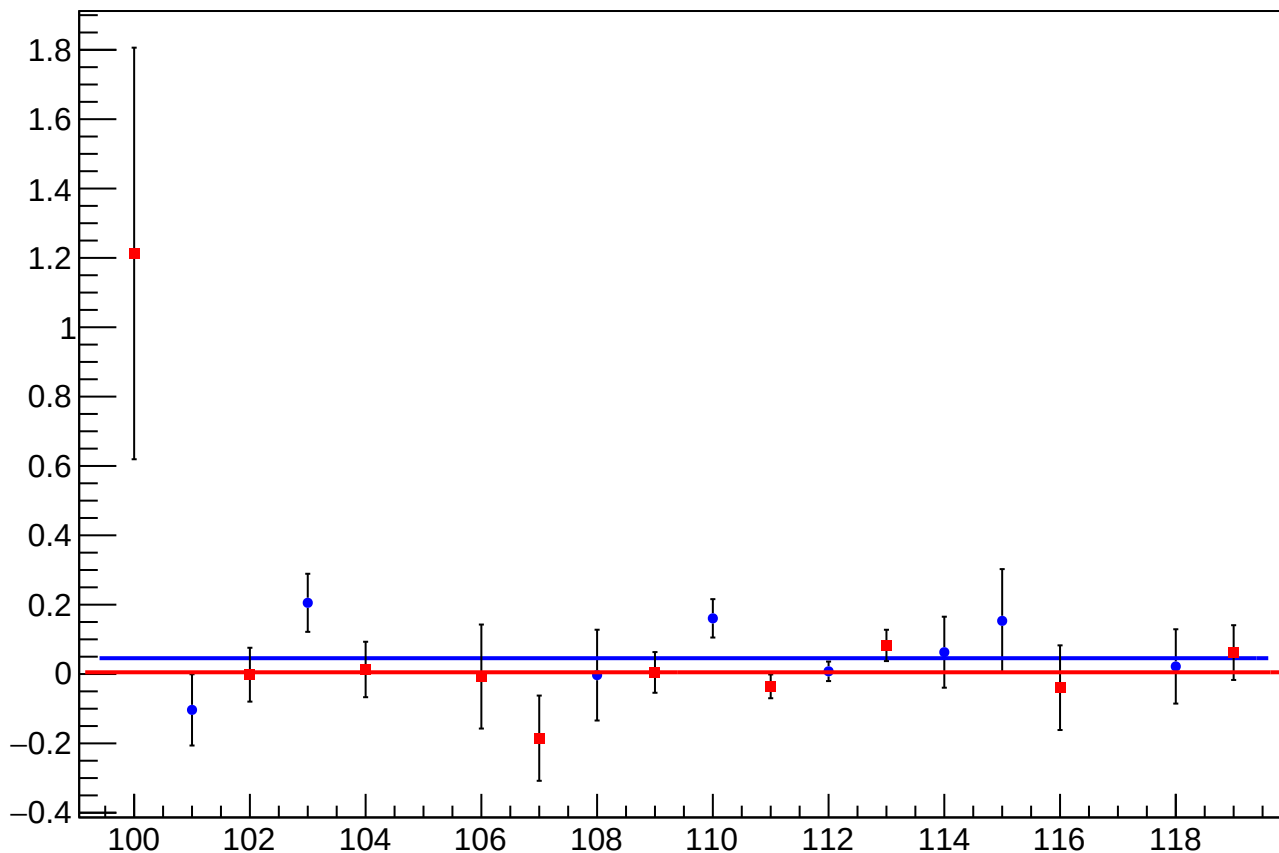
Right: 34.869+/-0.011 χ^2/NDF : 3119000.5/17

In: 32.136+/-0.015 χ^2/NDF : 1801424.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.869+/-0.011 χ^2/NDF : 3119000.5/17

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.022 χ^2 /NDF: 12.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 11.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

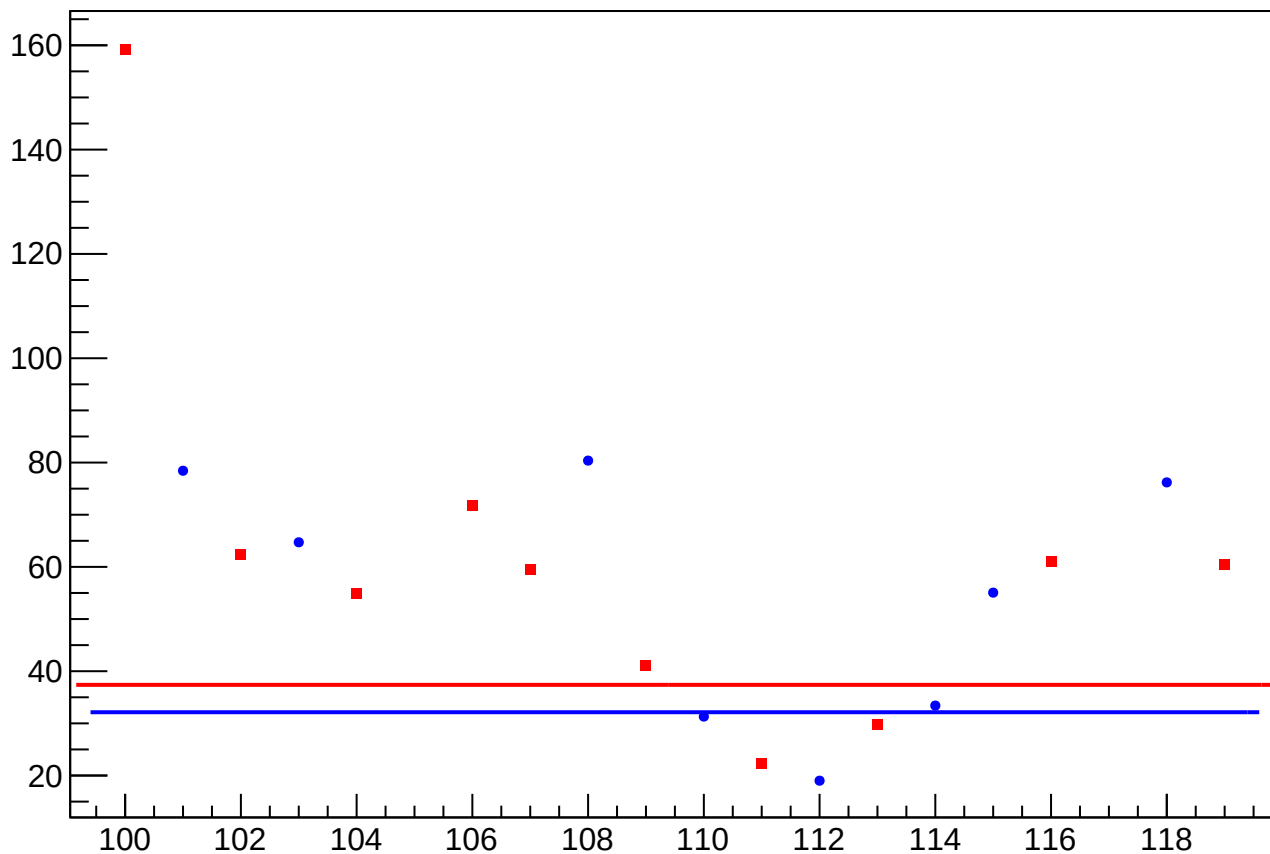
Right: 0.025 $\pm$ 0.015 χ^2 /NDF: 26.0/17

In: 0.046 $\pm$ 0.022 χ^2 /NDF:12.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.015 χ^2 /NDF: 26.0/17

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.136+/-0.015 χ^2/NDF : 1801424.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.385+/-0.015 χ^2/NDF : 1256999.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

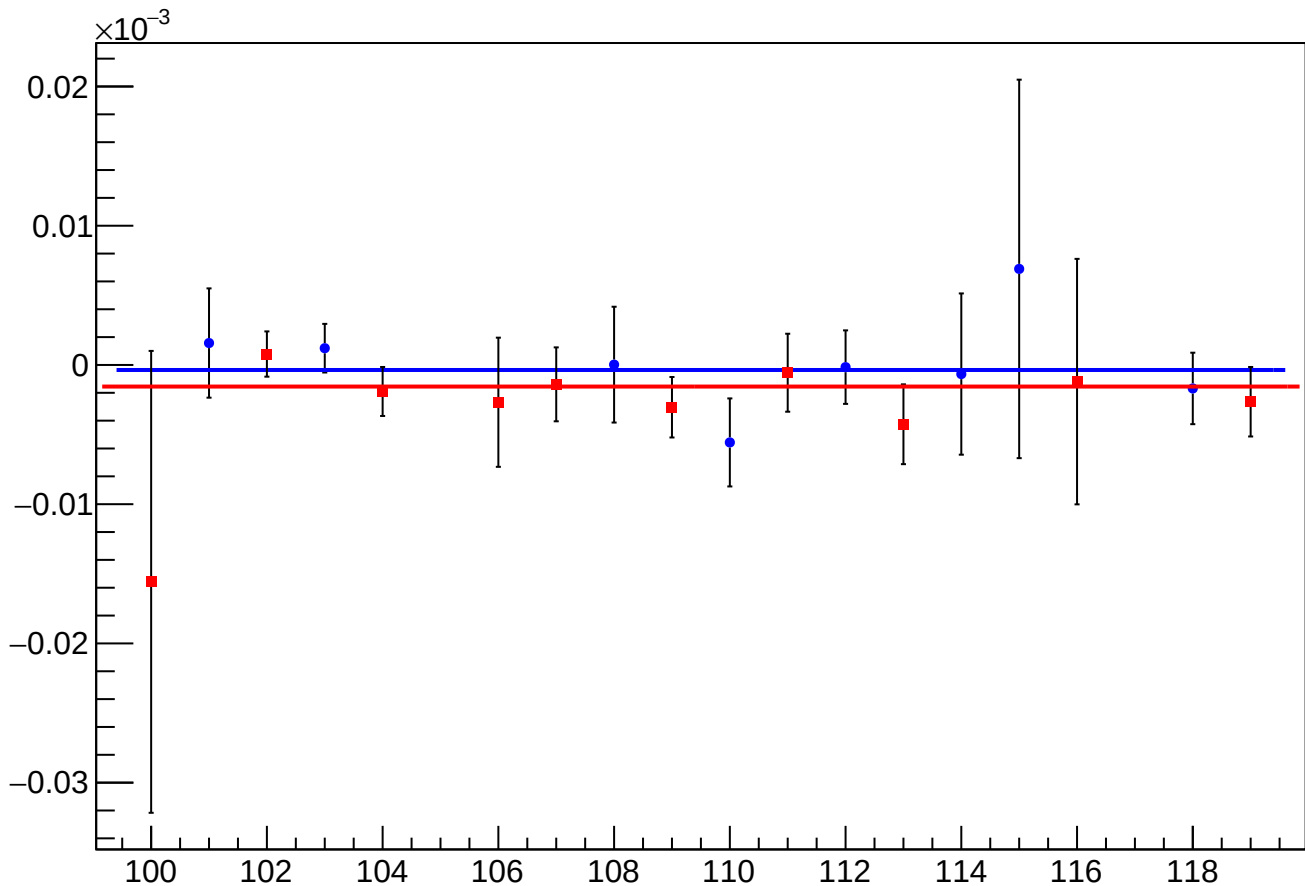
Right: 34.869+/-0.011 χ^2/NDF : 3119000.5/17

In: 32.136+/-0.015 χ^2/NDF : 1801424.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.869+/-0.011 χ^2/NDF : 3119000.5/17

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

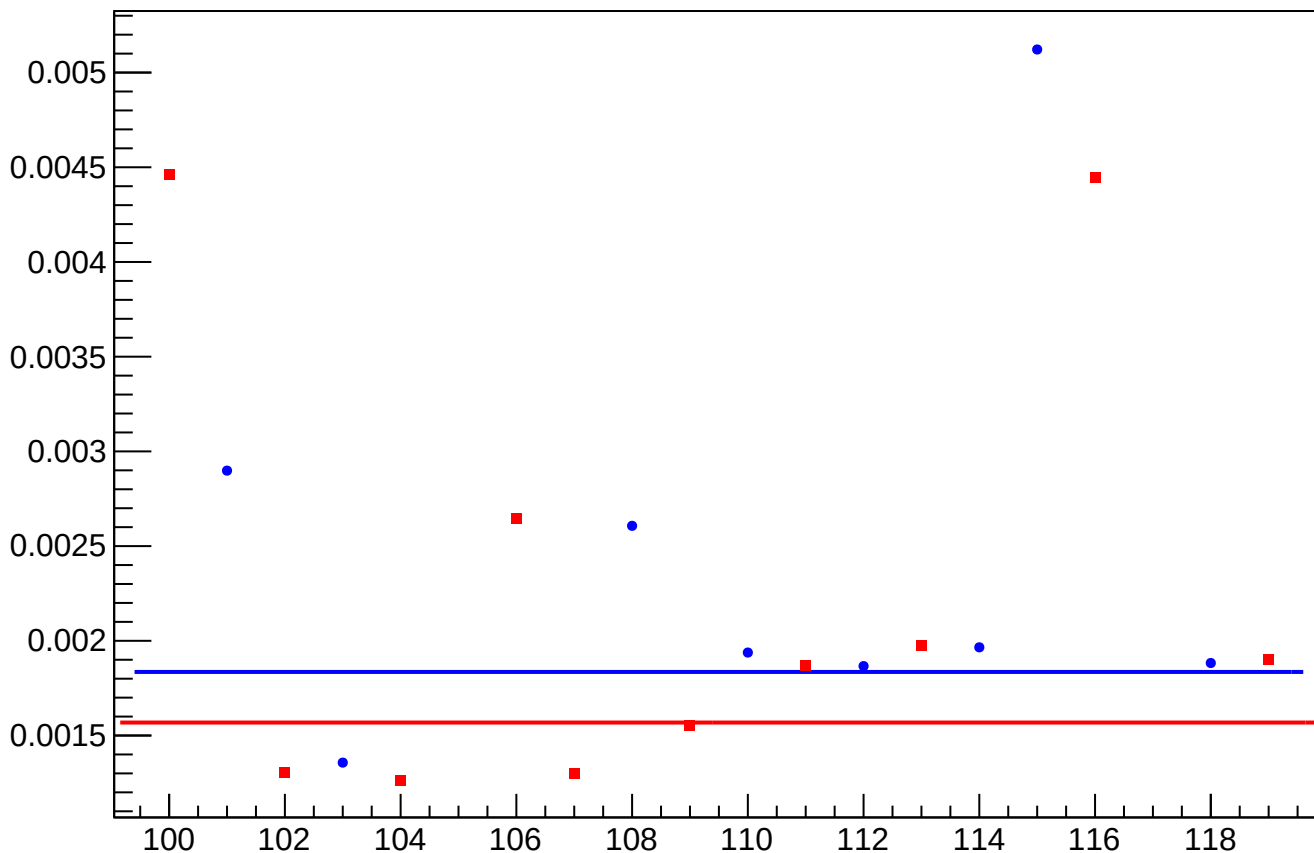
Right: -0.000+/-0.000 χ^2/NDF : 9.7/17

In: -0.000+/-0.000 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/17

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 486845.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 613711.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

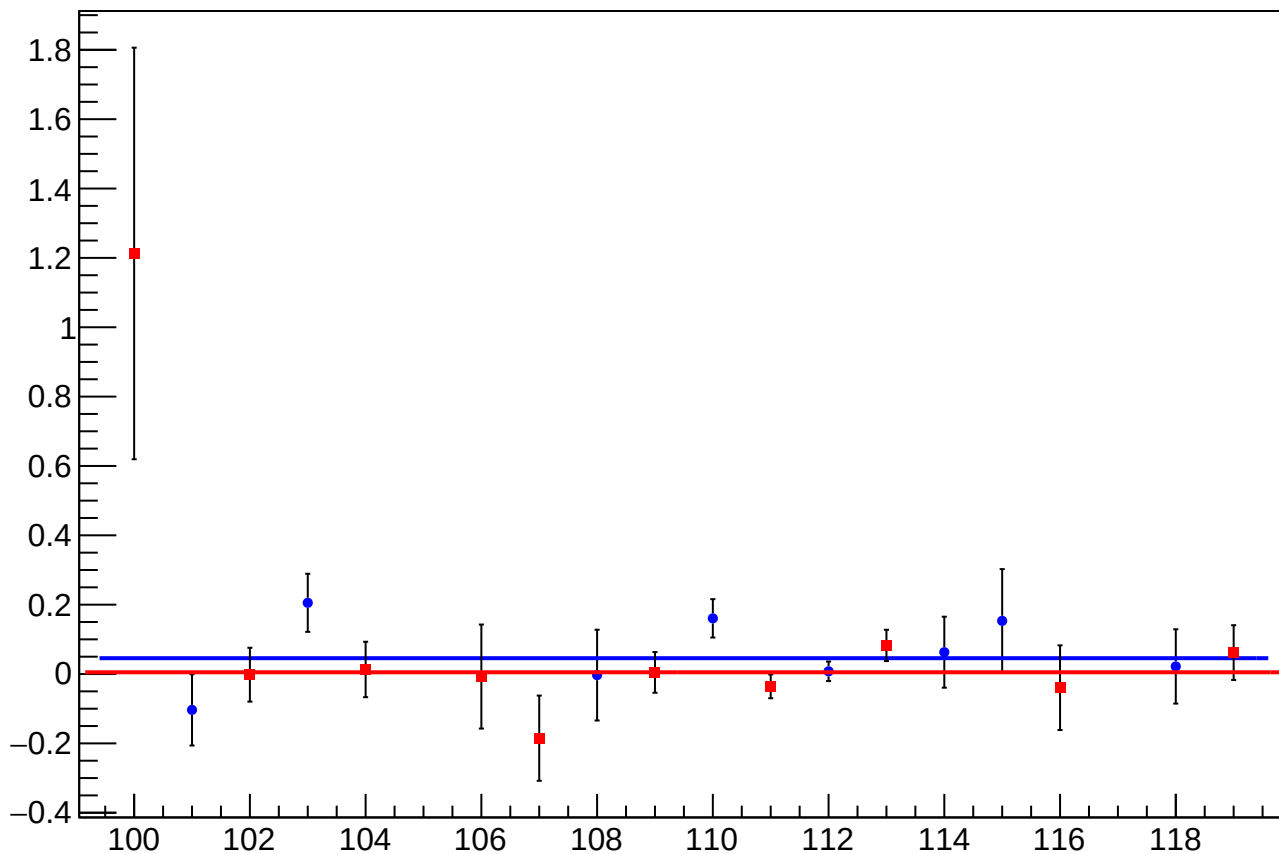
Right: 0.002+/-0.000 χ^2/NDF : 1180328.3/17

In: 0.002+/-0.000 χ^2/NDF : 486845.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1180328.3/17

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046 $\pm$ 0.022 χ^2 /NDF: 12.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.021 χ^2 /NDF: 11.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

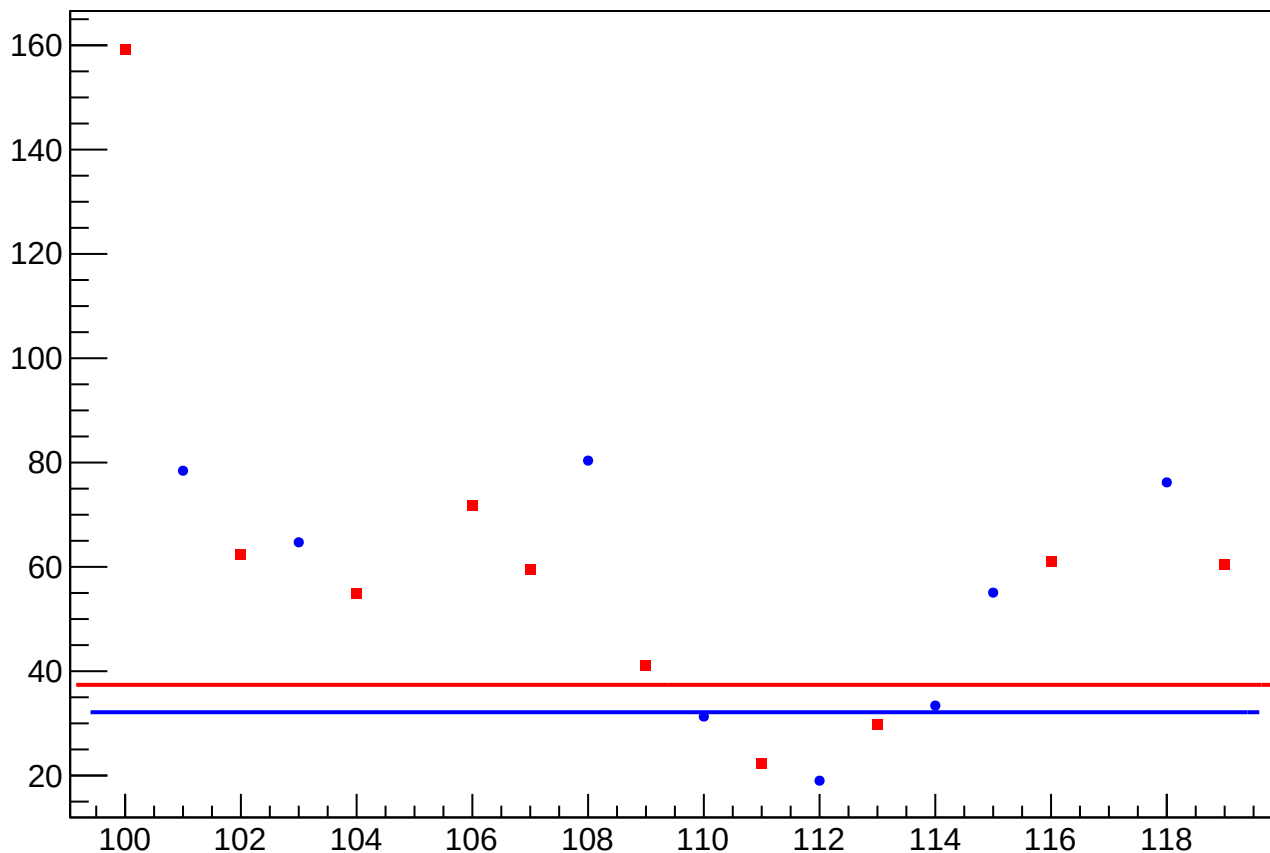
Right: 0.025 $\pm$ 0.015 χ^2 /NDF: 26.0/17

In: 0.046 $\pm$ 0.022 χ^2 /NDF:12.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.015 χ^2 /NDF: 26.0/17

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.135+/-0.015 χ^2/NDF : 1801515.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.384+/-0.015 χ^2/NDF : 1257099.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

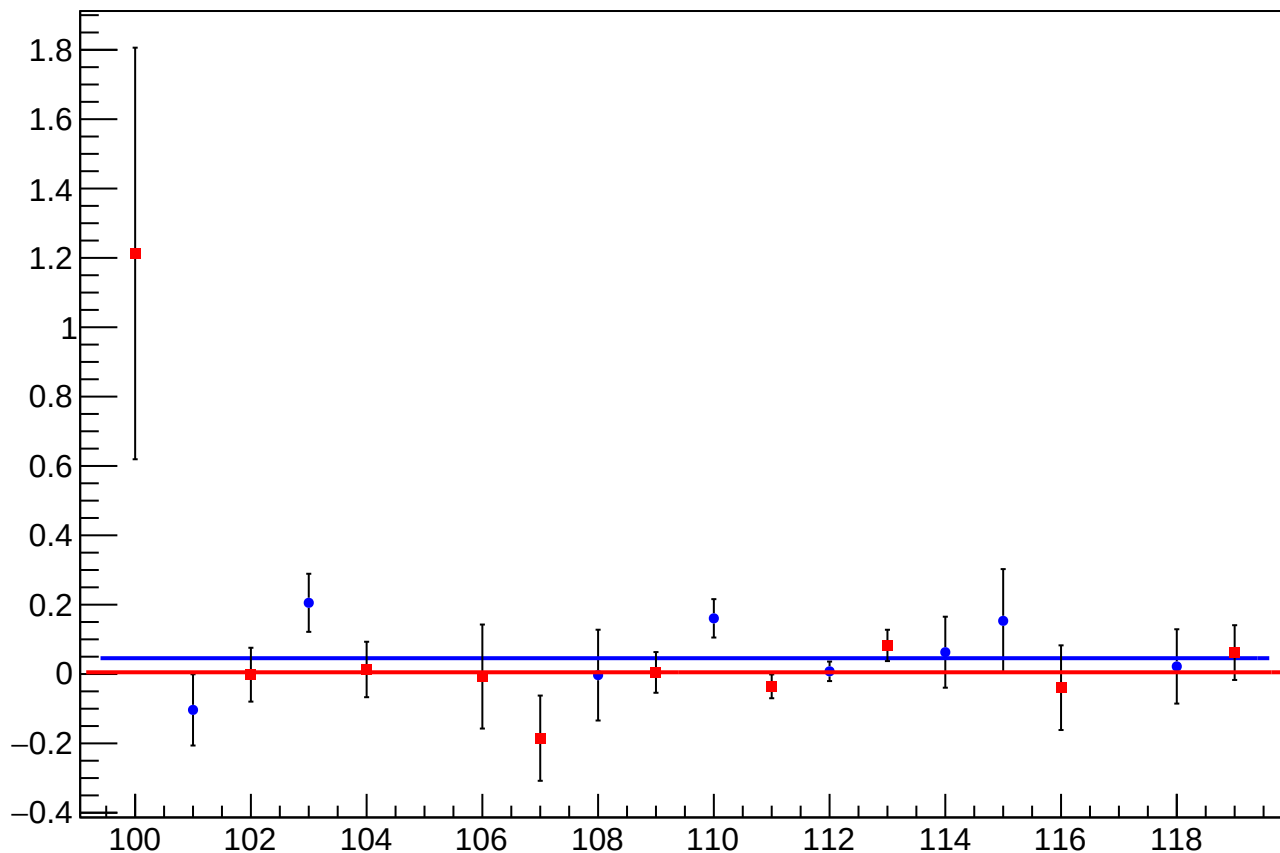
Right: 34.868+/-0.011 χ^2/NDF : 3119192.0/17

In: 32.135+/-0.015 χ^2/NDF : 1801515.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.868+/-0.011 χ^2/NDF : 3119192.0/17

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.046+/-0.022 χ^2/NDF : 12.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.021 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

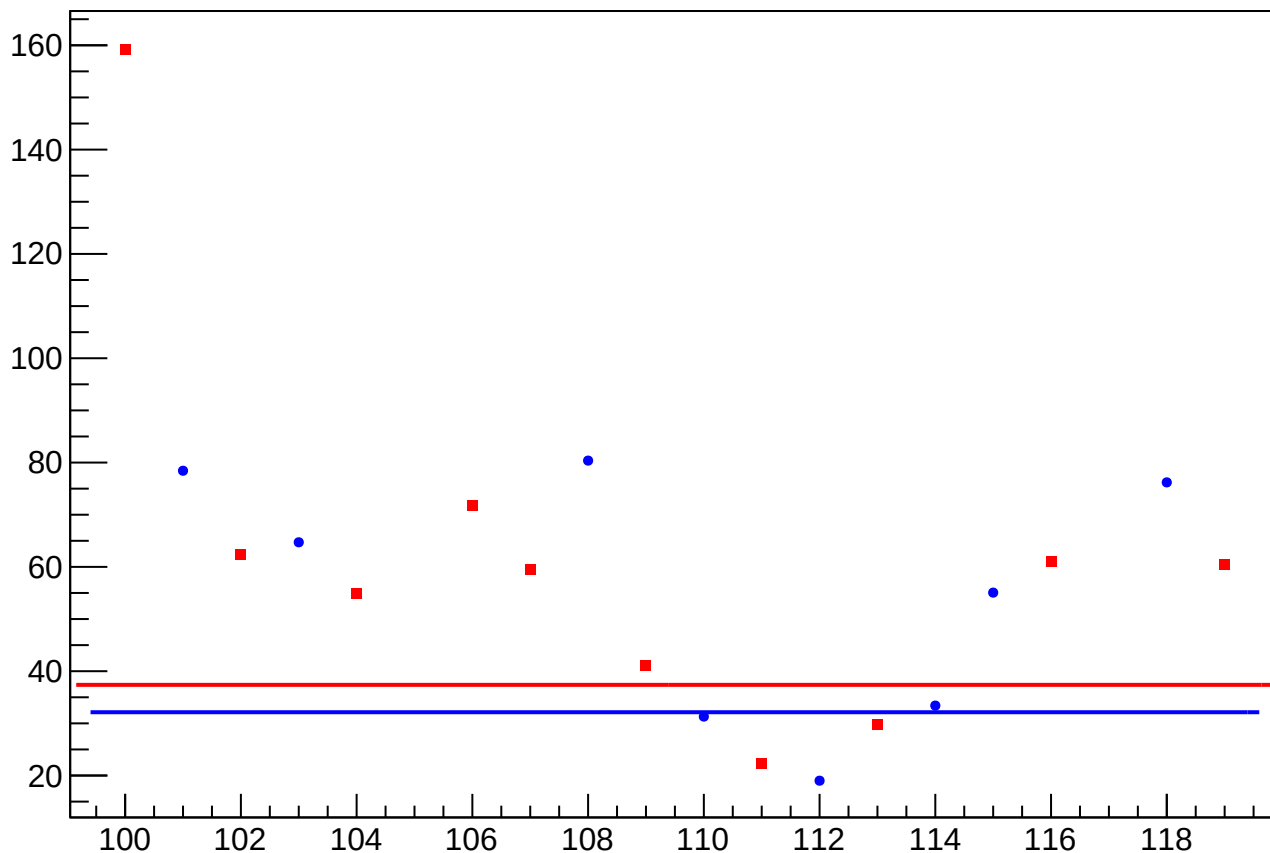
Right: 0.025+/-0.015 χ^2/NDF : 26.0/17

In: 0.046+/-0.022 χ^2/NDF :12.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.025+/-0.015 χ^2/NDF : 26.0/17

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 32.135+/-0.015 χ^2/NDF : 1801515.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.384+/-0.015 χ^2/NDF : 1257099.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

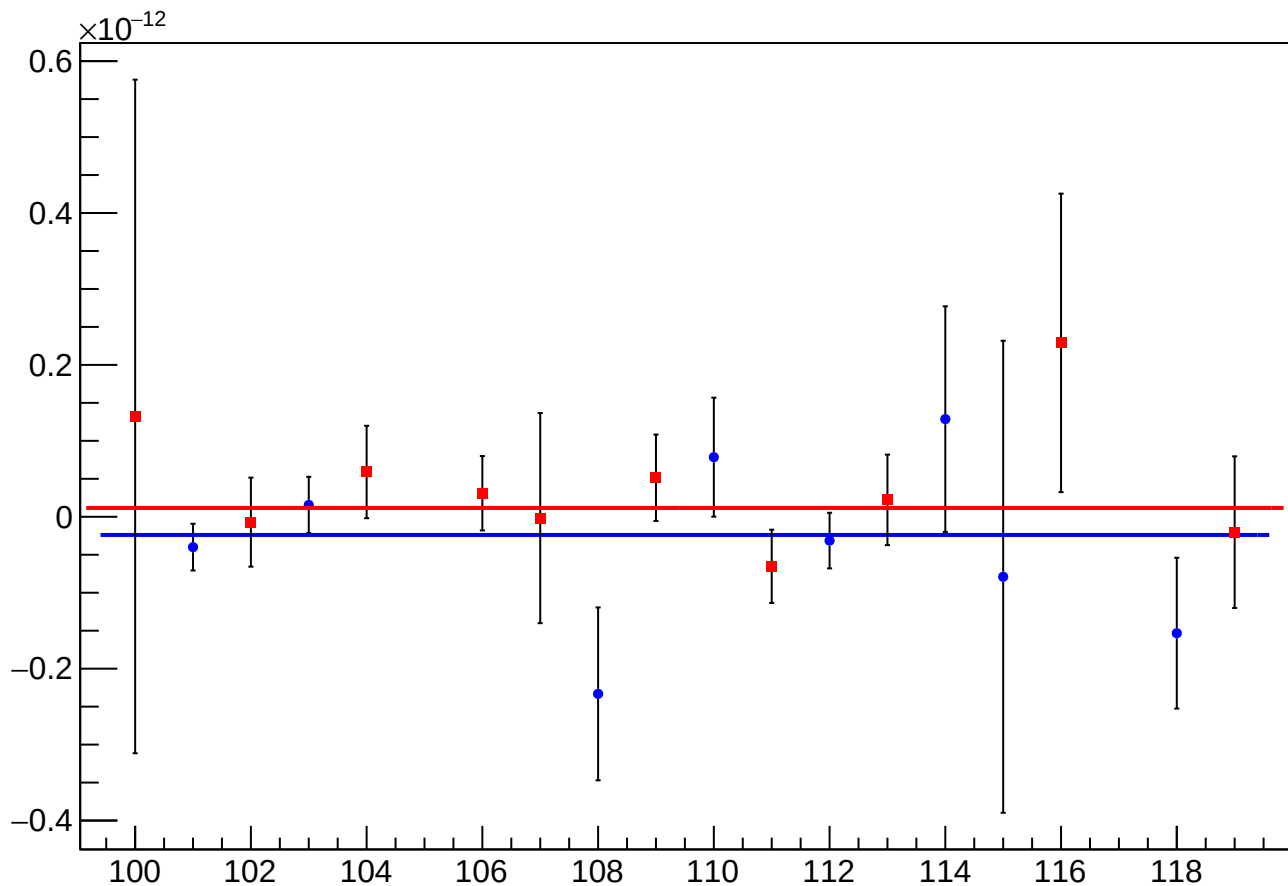
Right: 34.868+/-0.011 χ^2/NDF : 3119192.0/17

In: 32.135+/-0.015 χ^2/NDF : 1801515.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.868+/-0.011 χ^2/NDF : 3119192.0/17

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

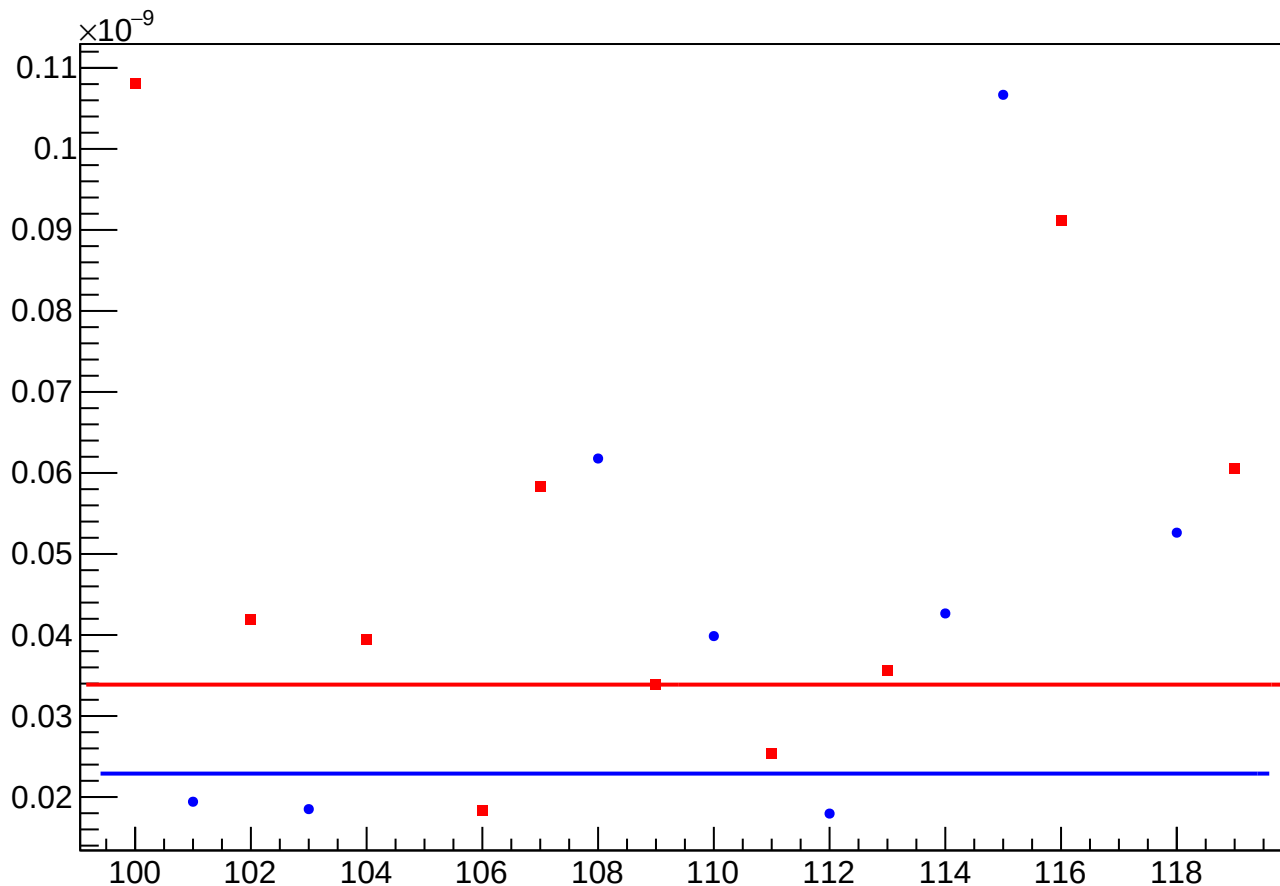
Right: -0.000+/-0.000 χ^2/NDF : 16.2/17

In: -0.000+/-0.000 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/17

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 777209.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 751474.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

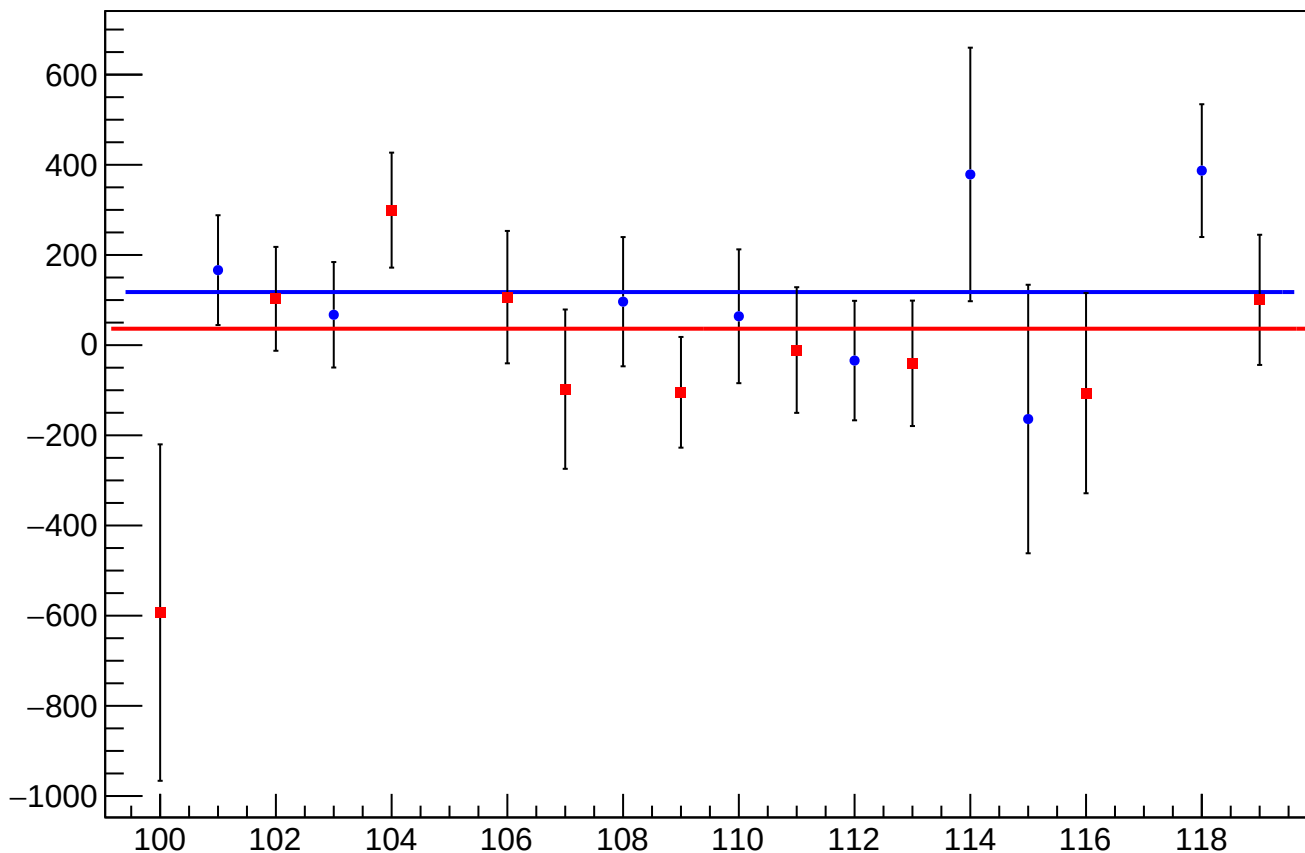
Right: 0.000+/-0.000 χ^2/NDF : 1830313.3/17

In: 0.000+/-0.000 χ^2/NDF : 777209.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1830313.3/17

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 117.757 $\pm$ 52.589 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.464 $\pm$ 46.613 χ^2 /NDF: 10.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

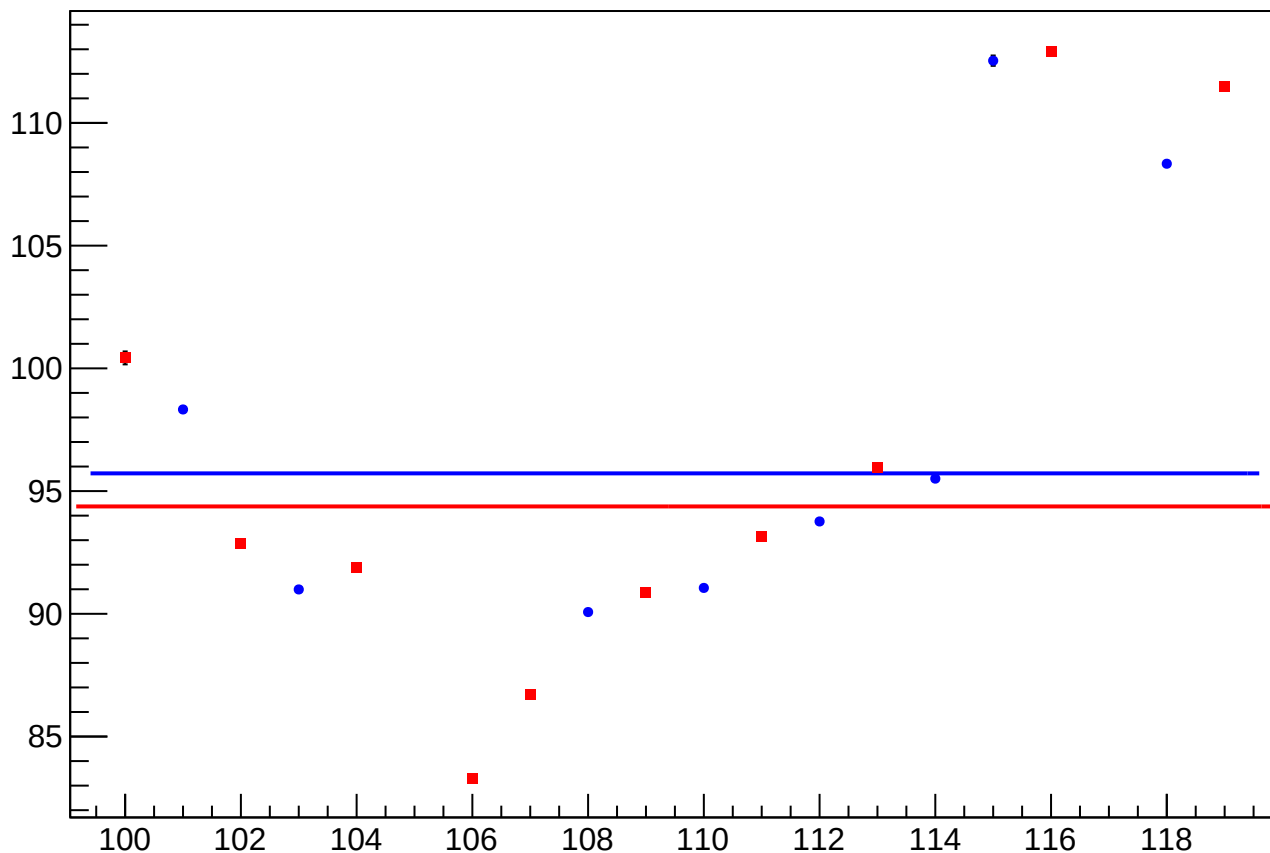
Right: 72.231 $\pm$ 34.883 χ^2 /NDF: 18.8/17

In: 117.757 $\pm$ 52.589 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 72.231 $\pm$ 34.883 χ^2 /NDF: 18.8/17

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.722+/-0.037 χ^2/NDF : 30759.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.375+/-0.033 χ^2/NDF : 60788.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

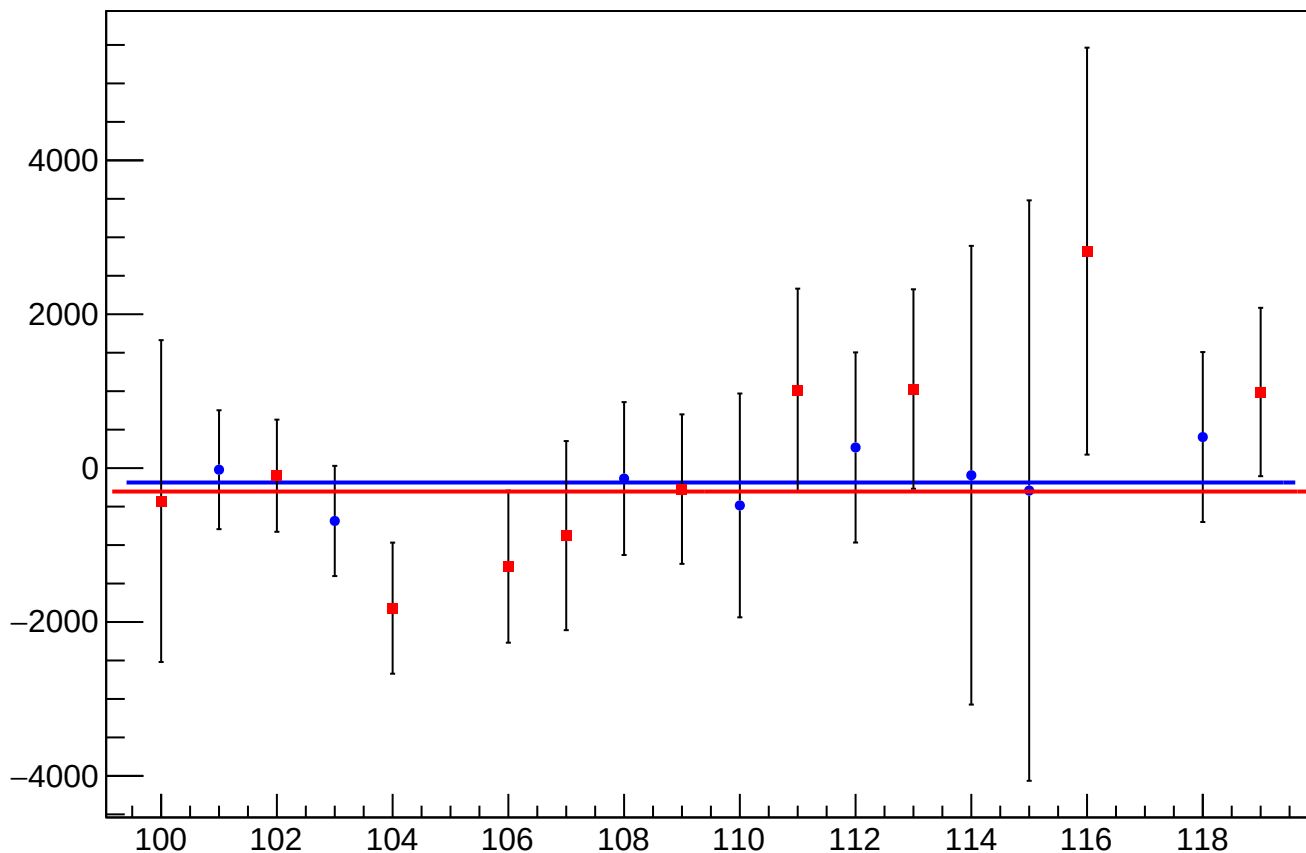
Right: 94.968+/-0.025 χ^2/NDF : 92283.2/17

In: 95.722+/-0.037 χ^2/NDF : 30759.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.968+/-0.025 χ^2/NDF : 92283.2/17

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -186.730+/-384.410 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.174+/-345.394 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

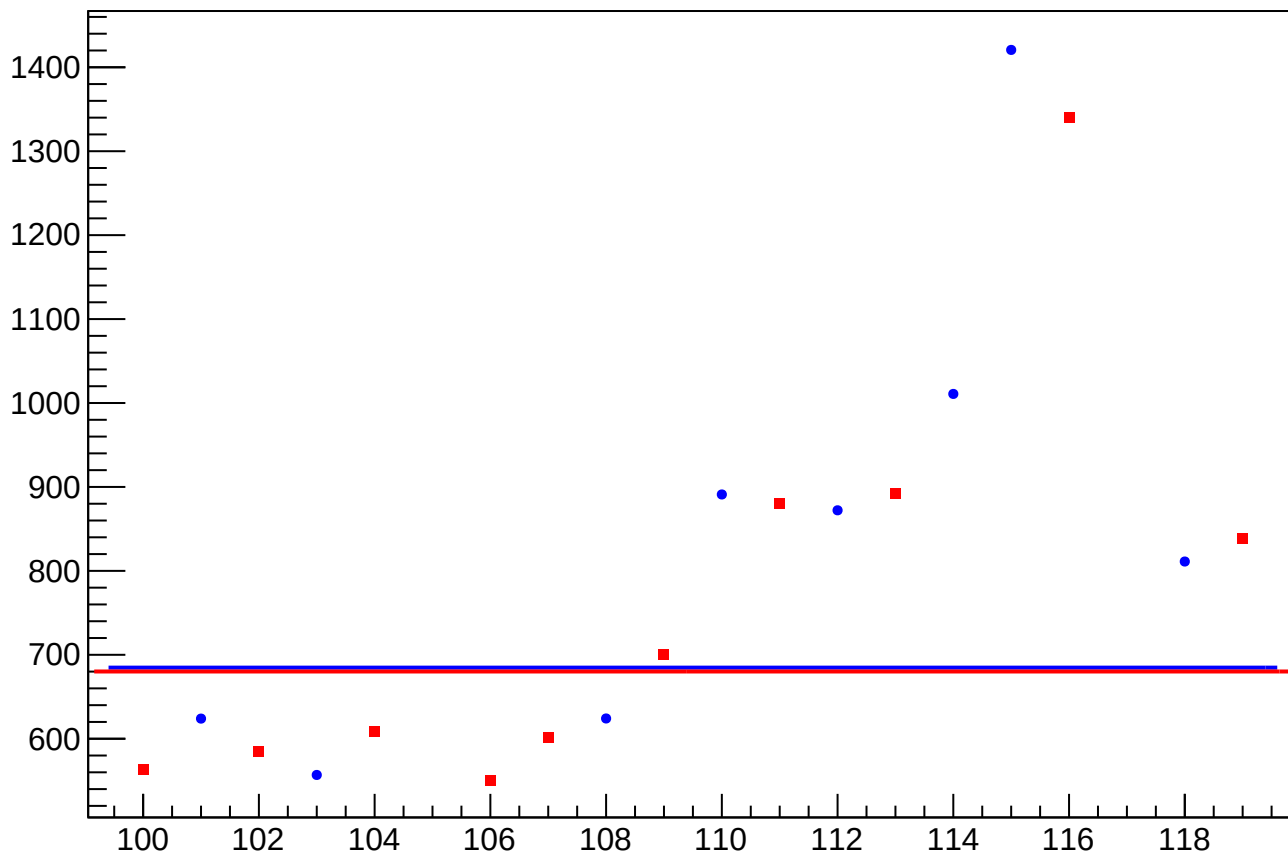
Right: -251.713+/-256.920 χ^2/NDF : 10.3/17

In: -186.730+/-384.410 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.713+/-256.920 χ^2/NDF : 10.3/17

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 684.720+/-0.272 χ^2/NDF : 296078.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.121+/-0.244 χ^2/NDF : 362995.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

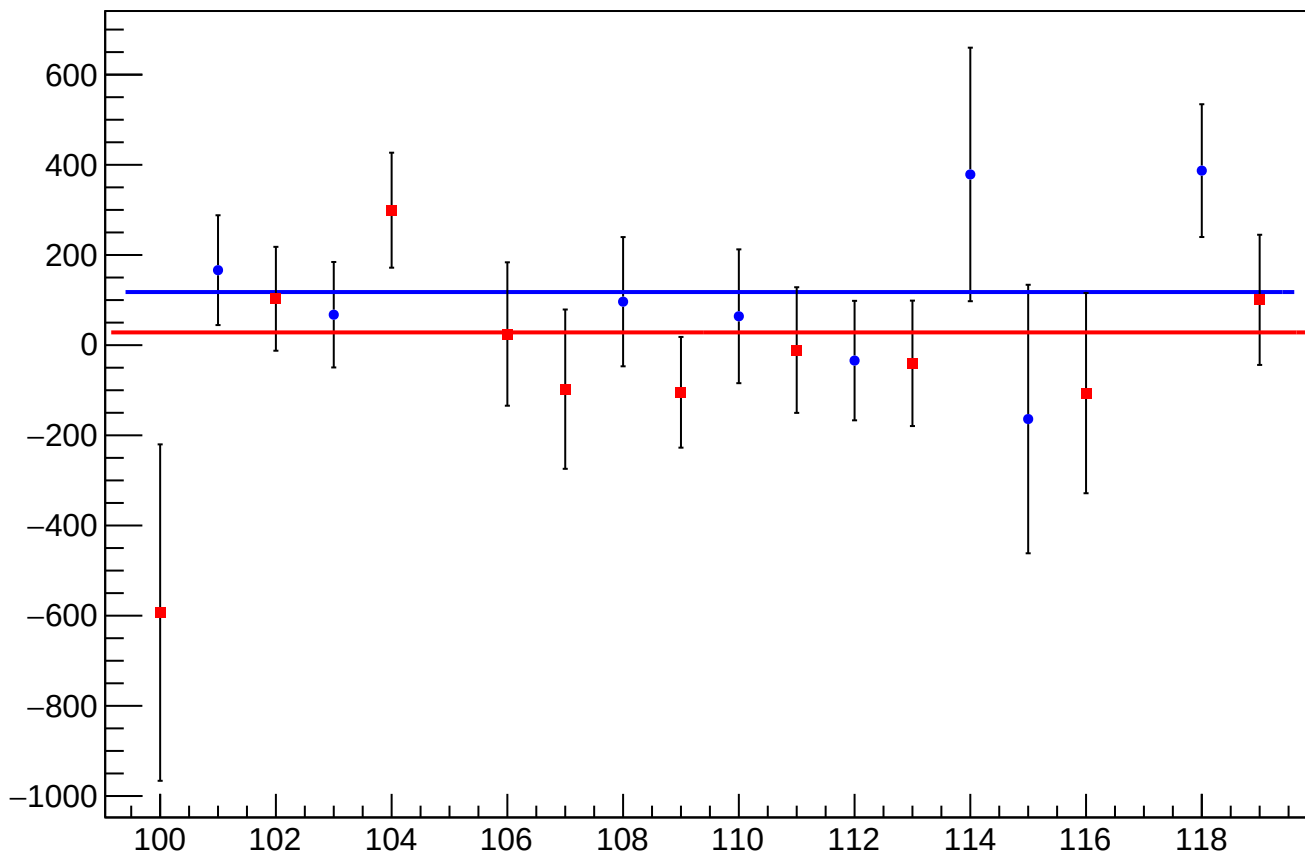
Right: 682.175+/-0.182 χ^2/NDF : 659232.1/17

In: 684.720+/-0.272 χ^2/NDF : 296078.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.175+/-0.182 χ^2/NDF : 659232.1/17

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 117.802 $\pm$ 52.589 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.296 $\pm$ 46.964 χ^2 /NDF: 10.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

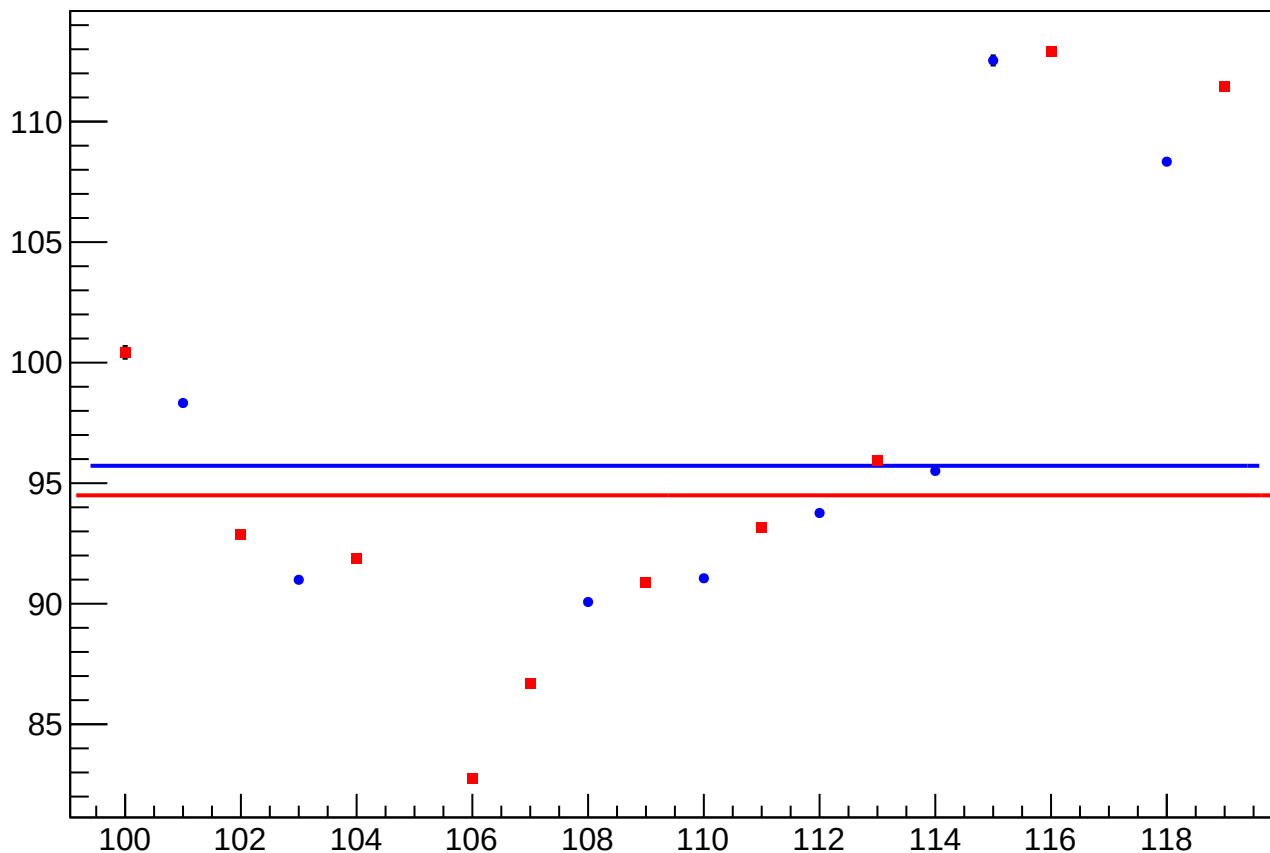
Right: 68.008 $\pm$ 35.029 χ^2 /NDF: 18.9/17

In: 117.802 $\pm$ 52.589 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.008 $\pm$ 35.029 χ^2 /NDF: 18.9/17

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.722+/-0.037 χ^2/NDF : 30759.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.496+/-0.033 χ^2/NDF : 60049.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

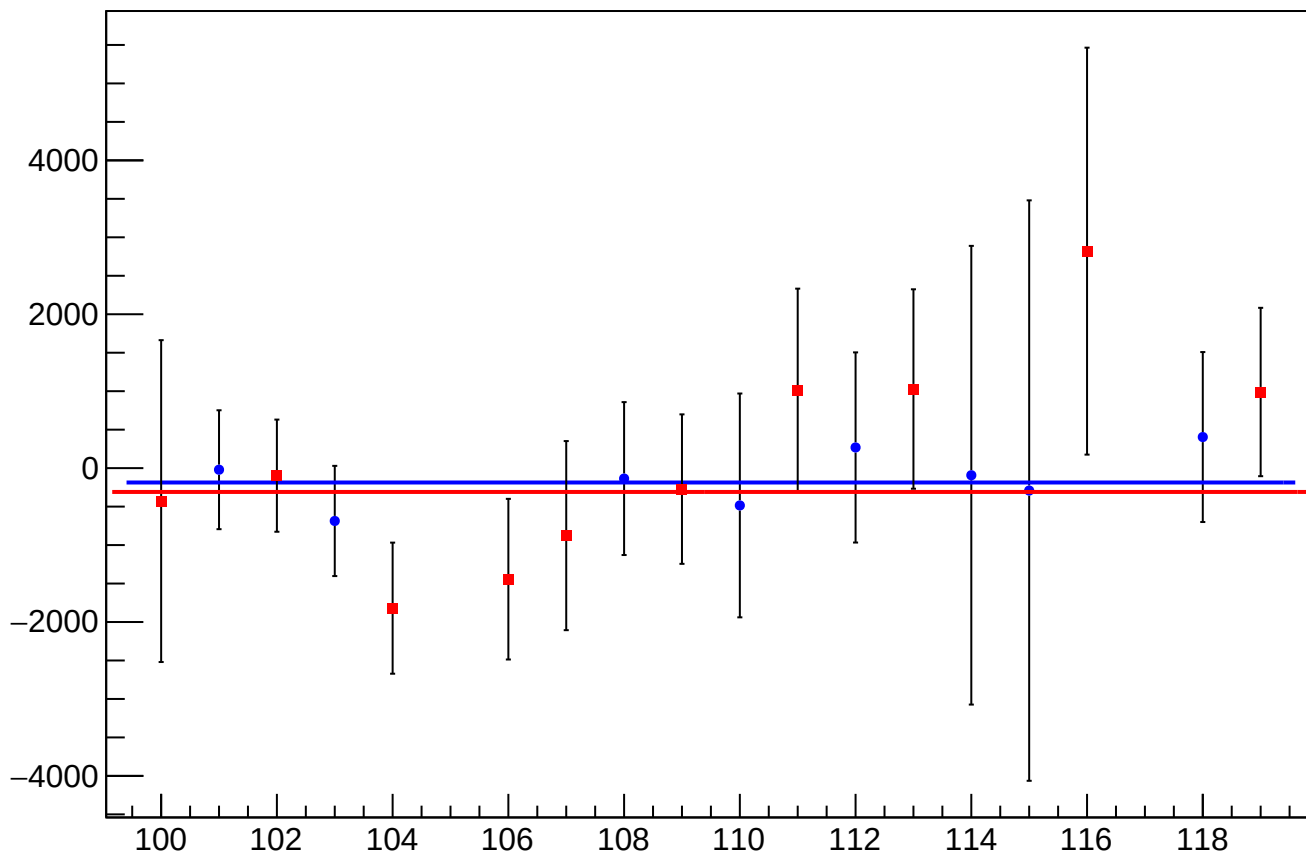
Right: 95.040+/-0.025 χ^2/NDF : 91413.4/17

In: 95.722+/-0.037 χ^2/NDF : 30759.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.040+/-0.025 χ^2/NDF : 91413.4/17

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -186.723+/-384.410 χ^2 /NDF: 1.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -309.535+/-347.616 χ^2 /NDF: 9.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

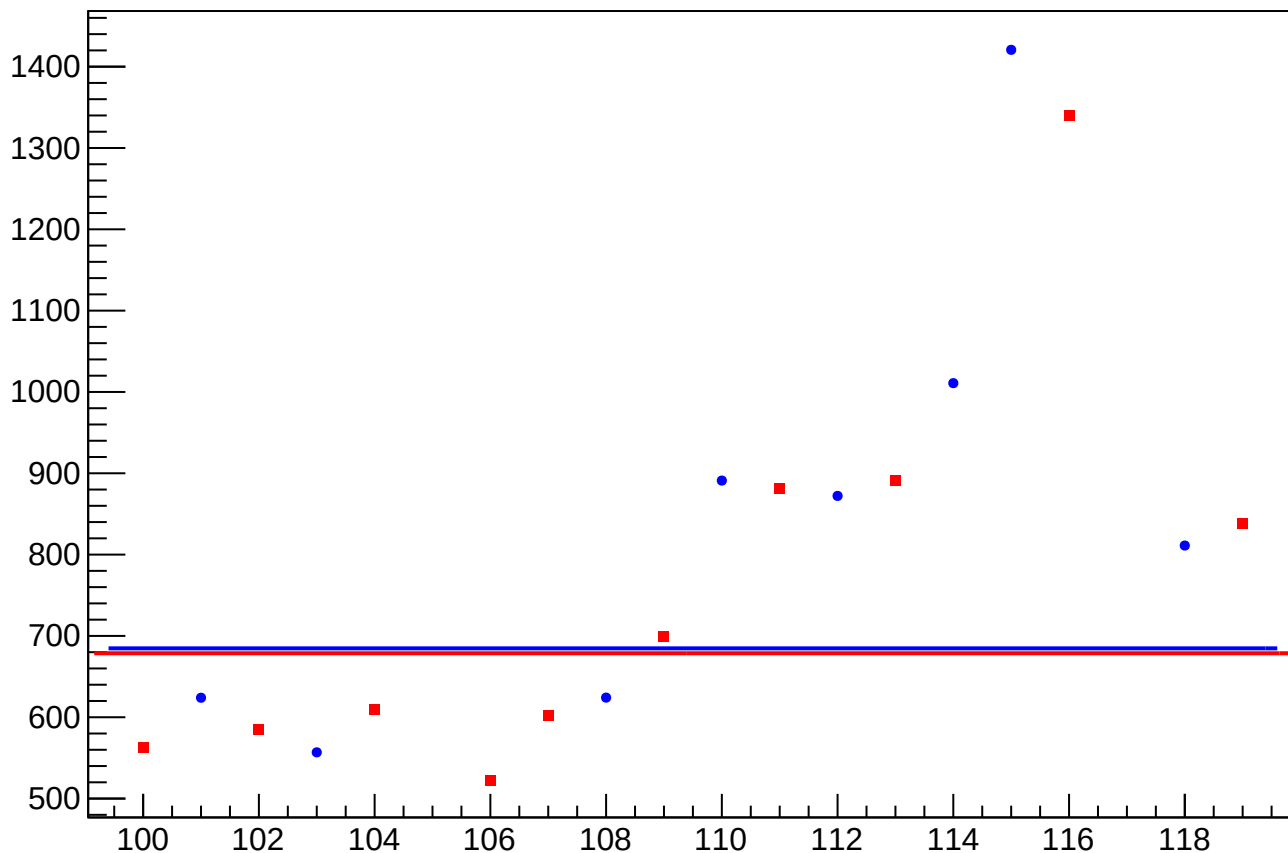
Right: -254.286+/-257.831 χ^2 /NDF: 10.6/17

In: -186.723+/-384.410 χ^2 /NDF:1.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -254.286+/-257.831 χ^2 /NDF: 10.6/17

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.719+/-0.272 χ^2/NDF : 296081.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.700+/-0.246 χ^2/NDF : 374091.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

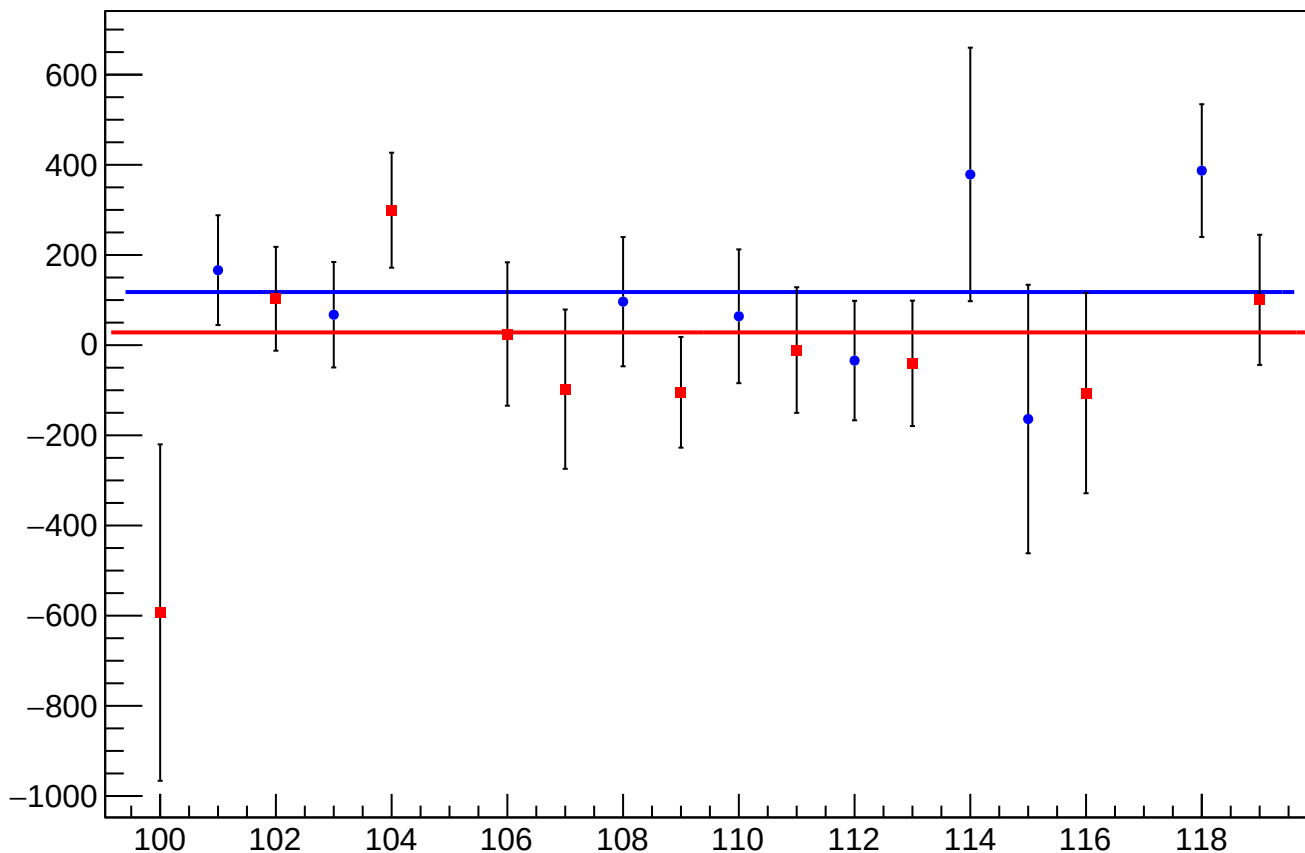
Right: 681.408+/-0.182 χ^2/NDF : 670442.6/17

In: 684.719+/-0.272 χ^2/NDF : 296081.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.408+/-0.182 χ^2/NDF : 670442.6/17

eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 117.802 $\pm$ 52.589 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.296 $\pm$ 46.964 χ^2 /NDF: 10.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

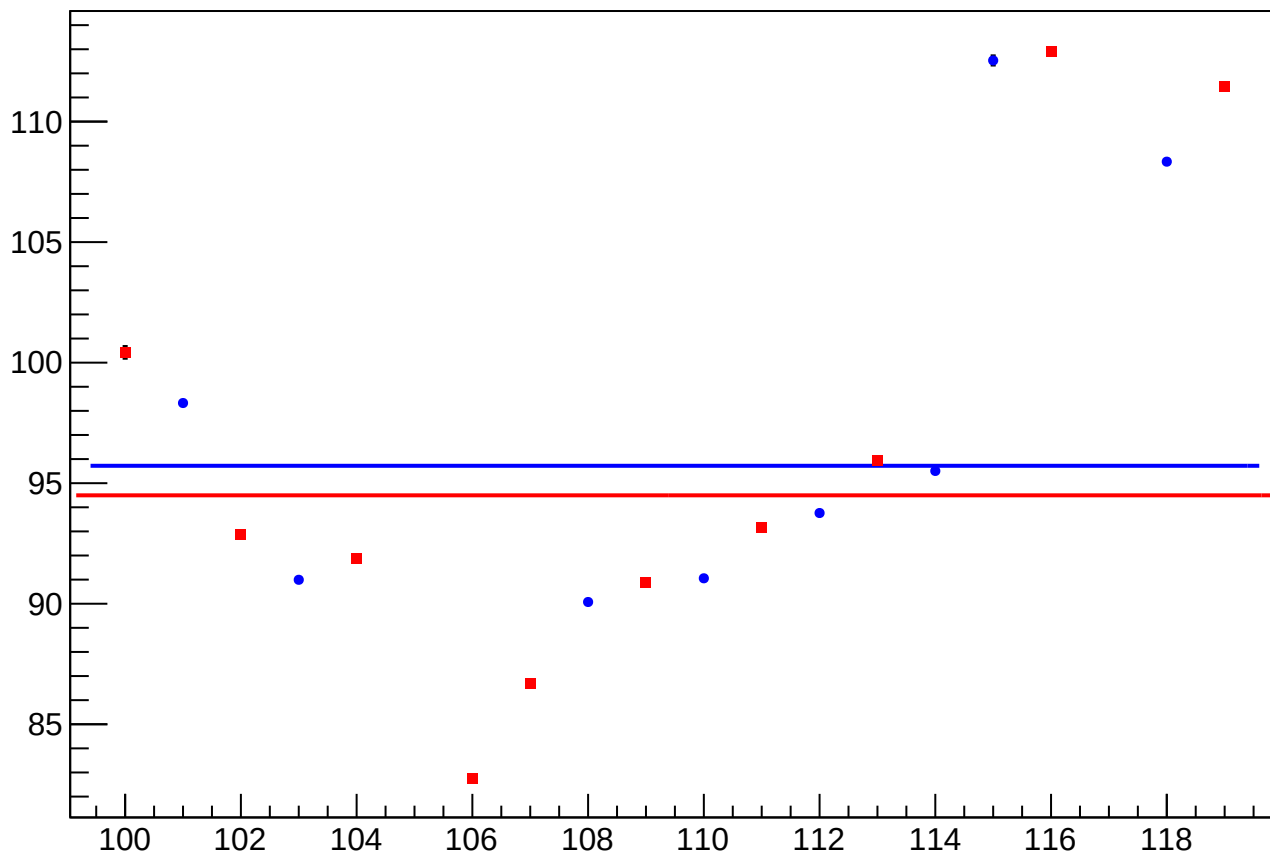
Right: 68.008 $\pm$ 35.029 χ^2 /NDF: 18.9/17

In: 117.802 $\pm$ 52.589 χ^2 /NDF:6.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.008 $\pm$ 35.029 χ^2 /NDF: 18.9/17

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 95.722+/-0.037 χ^2/NDF : 30759.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.496+/-0.033 χ^2/NDF : 60049.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

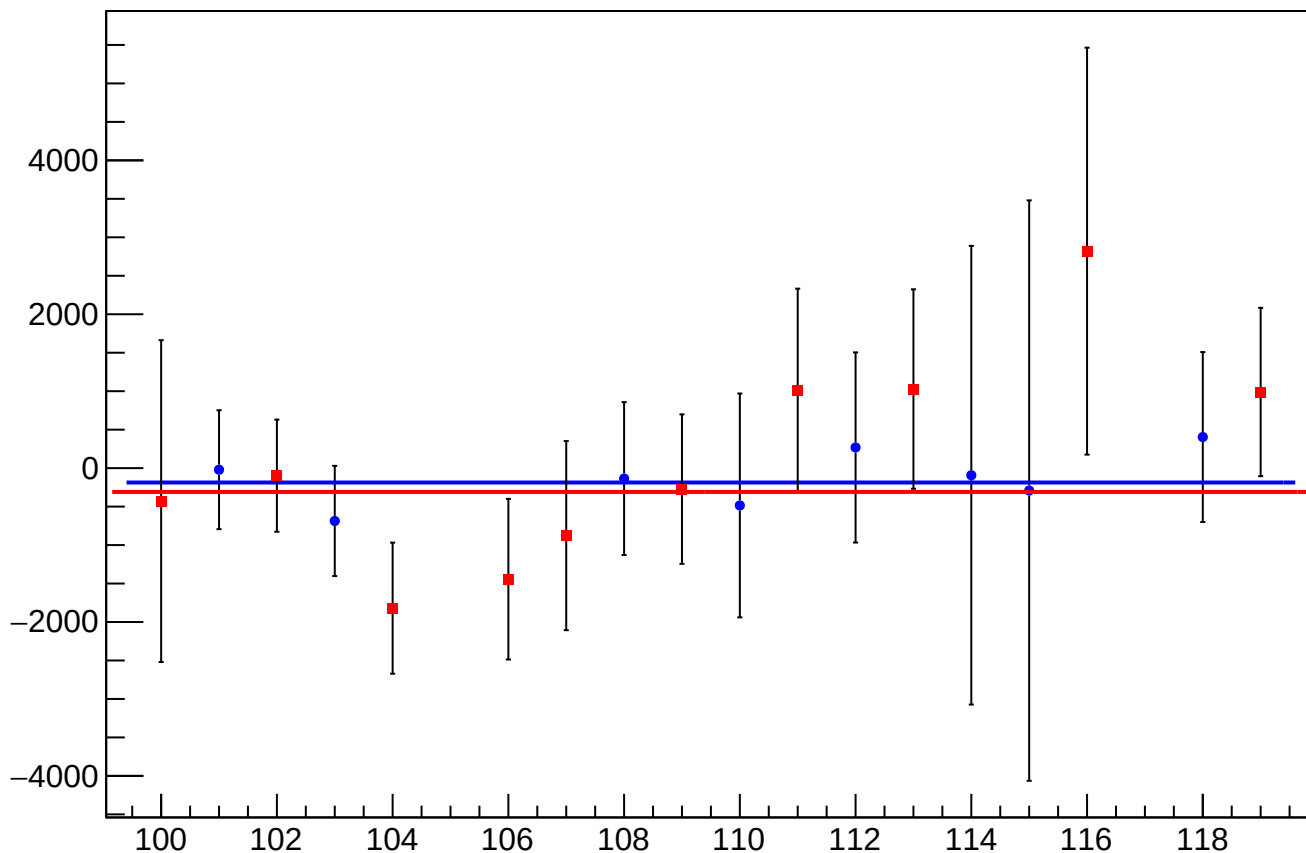
Right: 95.040+/-0.025 χ^2/NDF : 91413.4/17

In: 95.722+/-0.037 χ^2/NDF : 30759.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.040+/-0.025 χ^2/NDF : 91413.4/17

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -186.723+/-384.410 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -309.535+/-347.616 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

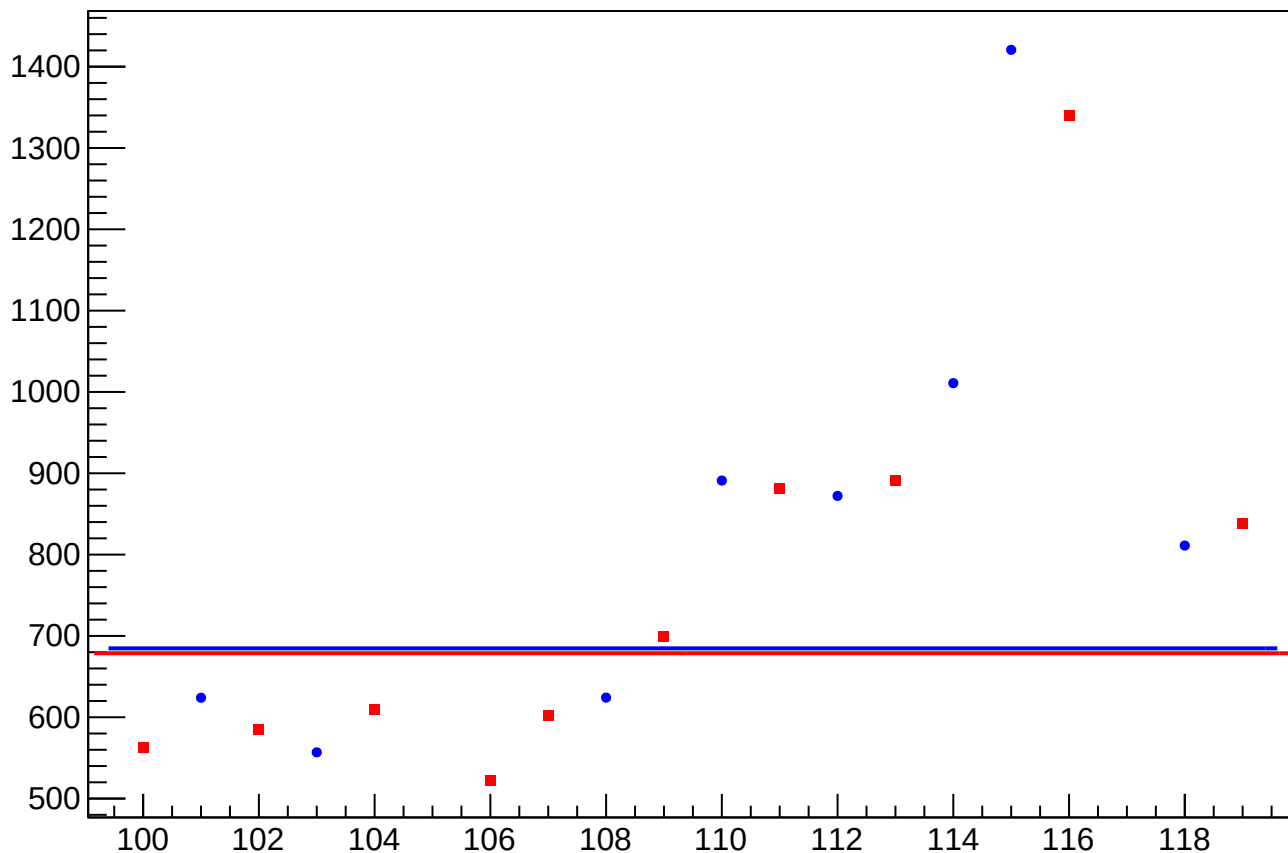
Right: -254.286+/-257.831 χ^2/NDF : 10.6/17

In: -186.723+/-384.410 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.286+/-257.831 χ^2/NDF : 10.6/17

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 684.719+/-0.272 χ^2/NDF : 296081.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.700+/-0.246 χ^2/NDF : 374091.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

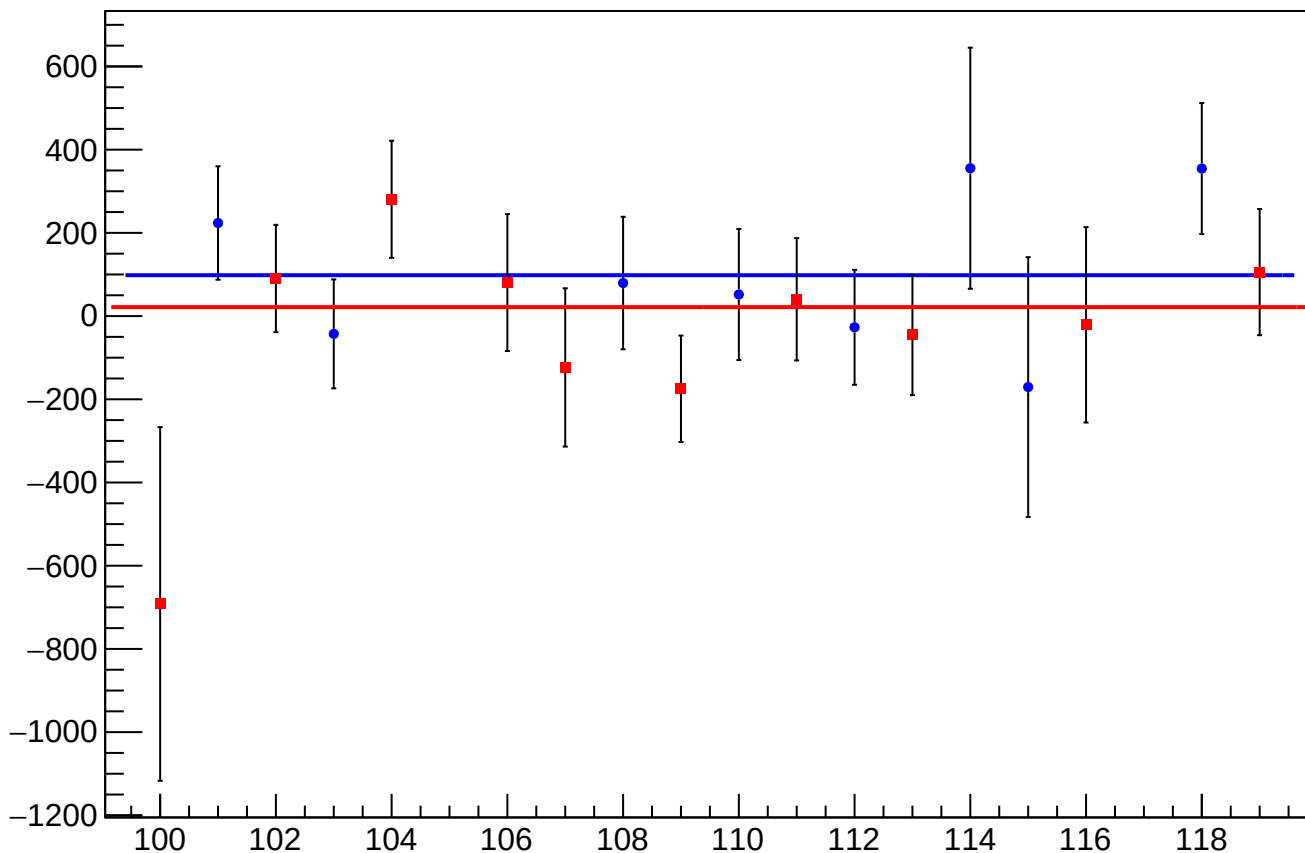
Right: 681.408+/-0.182 χ^2/NDF : 670442.6/17

In: 684.719+/-0.272 χ^2/NDF : 296081.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.408+/-0.182 χ^2/NDF : 670442.6/17

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 98.244+/-57.095 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.560+/-50.153 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

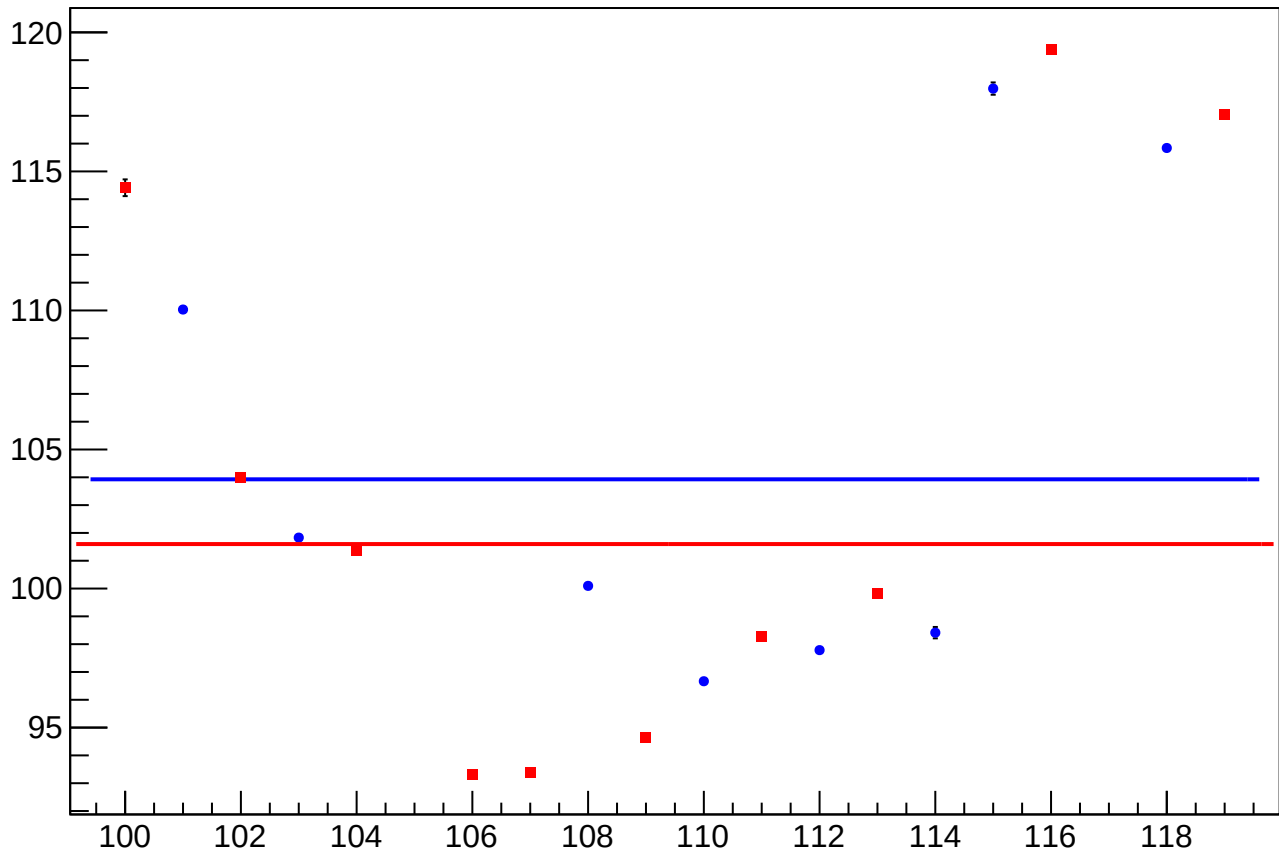
Right: 54.959+/-37.680 χ^2/NDF : 18.3/17

In: 98.244+/-57.095 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.959+/-37.680 χ^2/NDF : 18.3/17

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 103.928+/-0.040 χ^2/NDF : 30105.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.600+/-0.035 χ^2/NDF : 50840.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

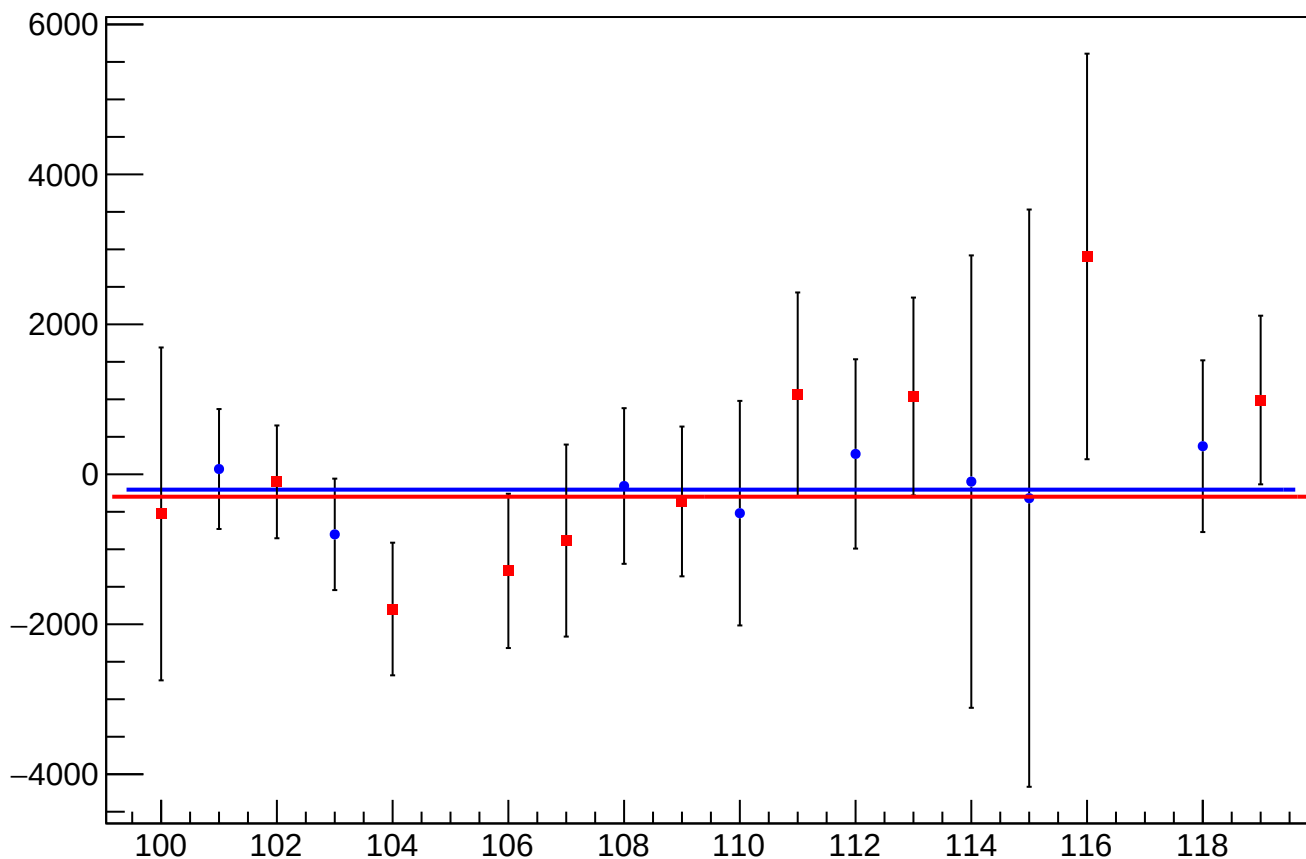
Right: 102.614+/-0.027 χ^2/NDF : 82823.2/17

In: 103.928+/-0.040 χ^2/NDF : 30105.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.614+/-0.027 χ^2/NDF : 82823.2/17

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -204.453+/-397.930 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.642+/-356.918 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

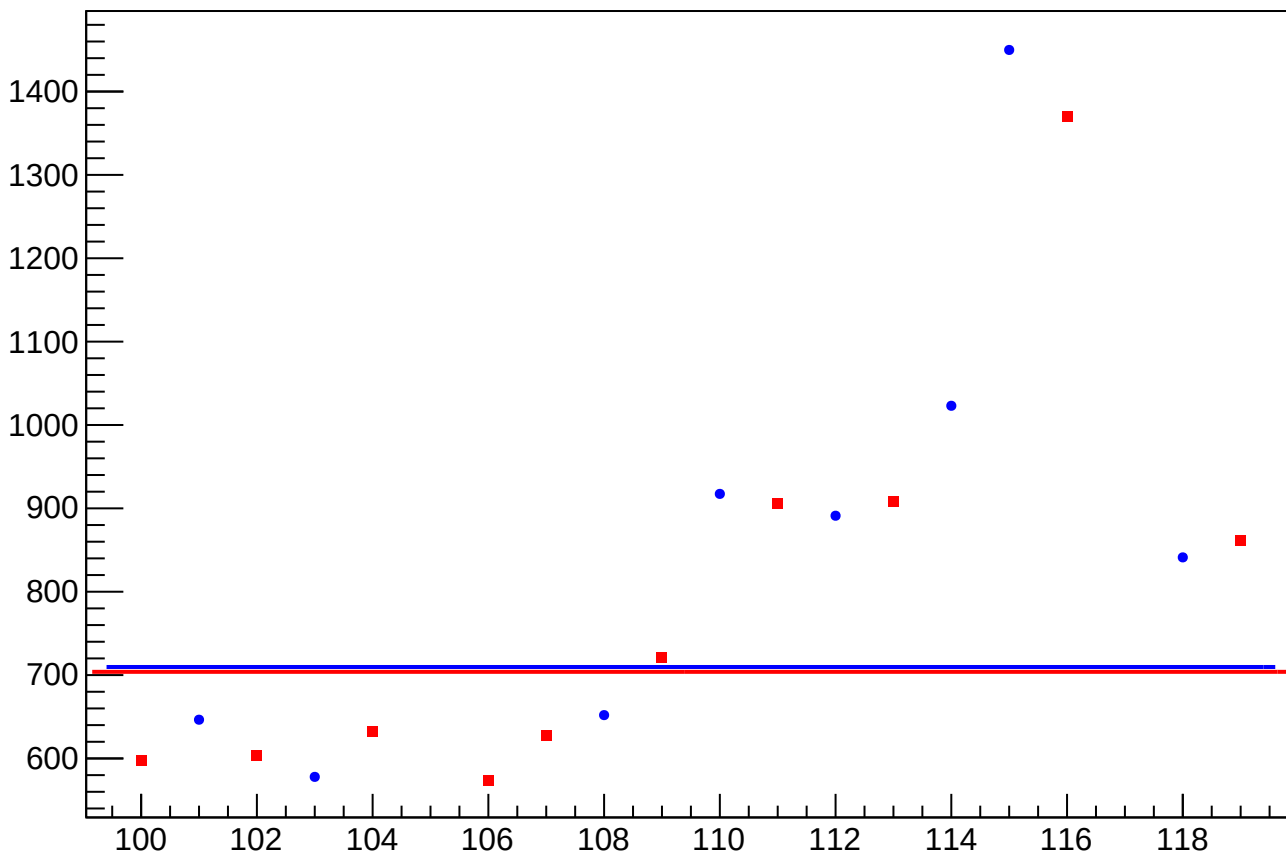
Right: -256.650+/-265.699 χ^2/NDF : 10.1/17

In: -204.453+/-397.930 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.650+/-265.699 χ^2/NDF : 10.1/17

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 709.713+/-0.281 χ^2/NDF : 283244.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 703.910+/-0.252 χ^2/NDF : 345086.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

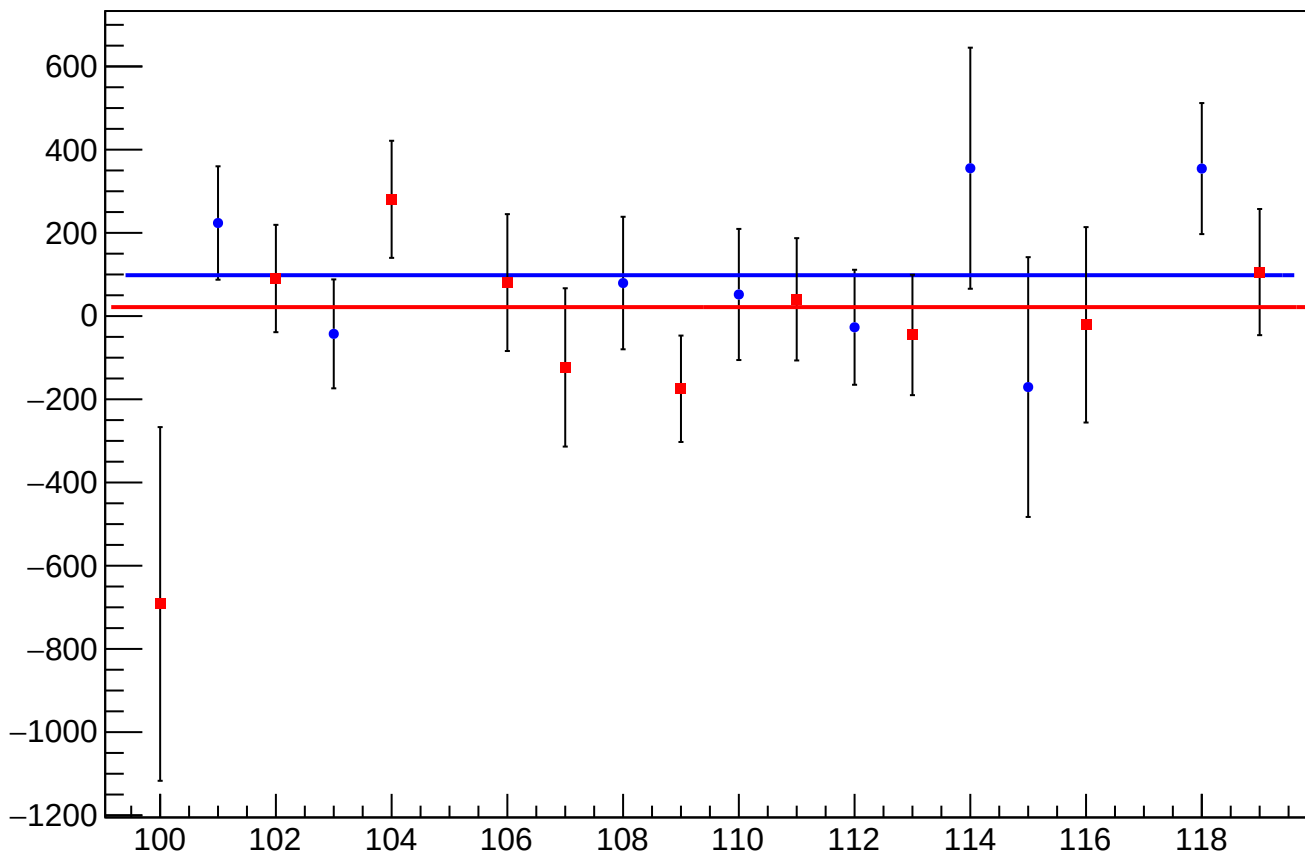
Right: 706.497+/-0.188 χ^2/NDF : 628565.9/17

In: 709.713+/-0.281 χ^2/NDF :283244.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 706.497+/-0.188 χ^2/NDF : 628565.9/17

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 98.244+/-57.095 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.559+/-50.153 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

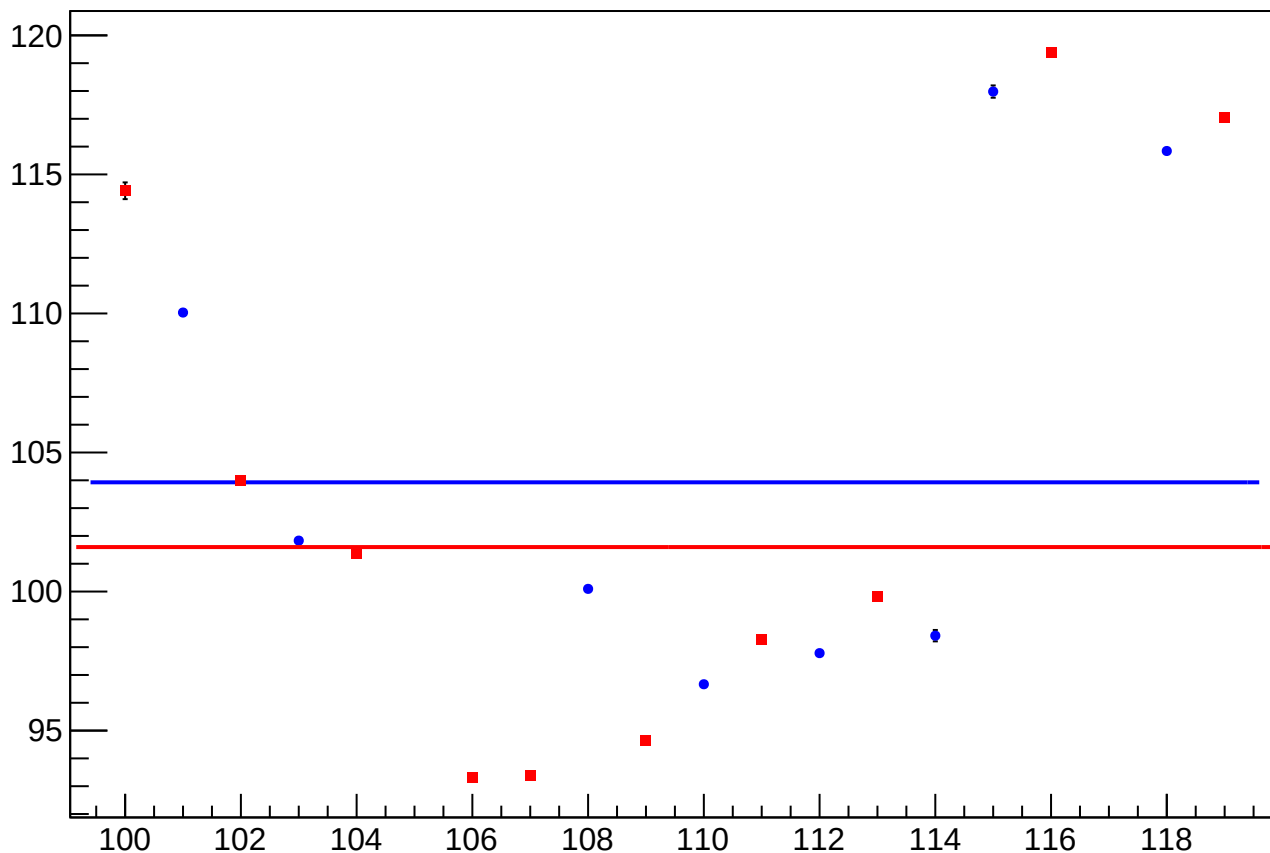
Right: 54.959+/-37.680 χ^2/NDF : 18.3/17

In: 98.244+/-57.095 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.959+/-37.680 χ^2/NDF : 18.3/17

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 103.928+/-0.040 χ^2/NDF : 30105.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.600+/-0.035 χ^2/NDF : 50840.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

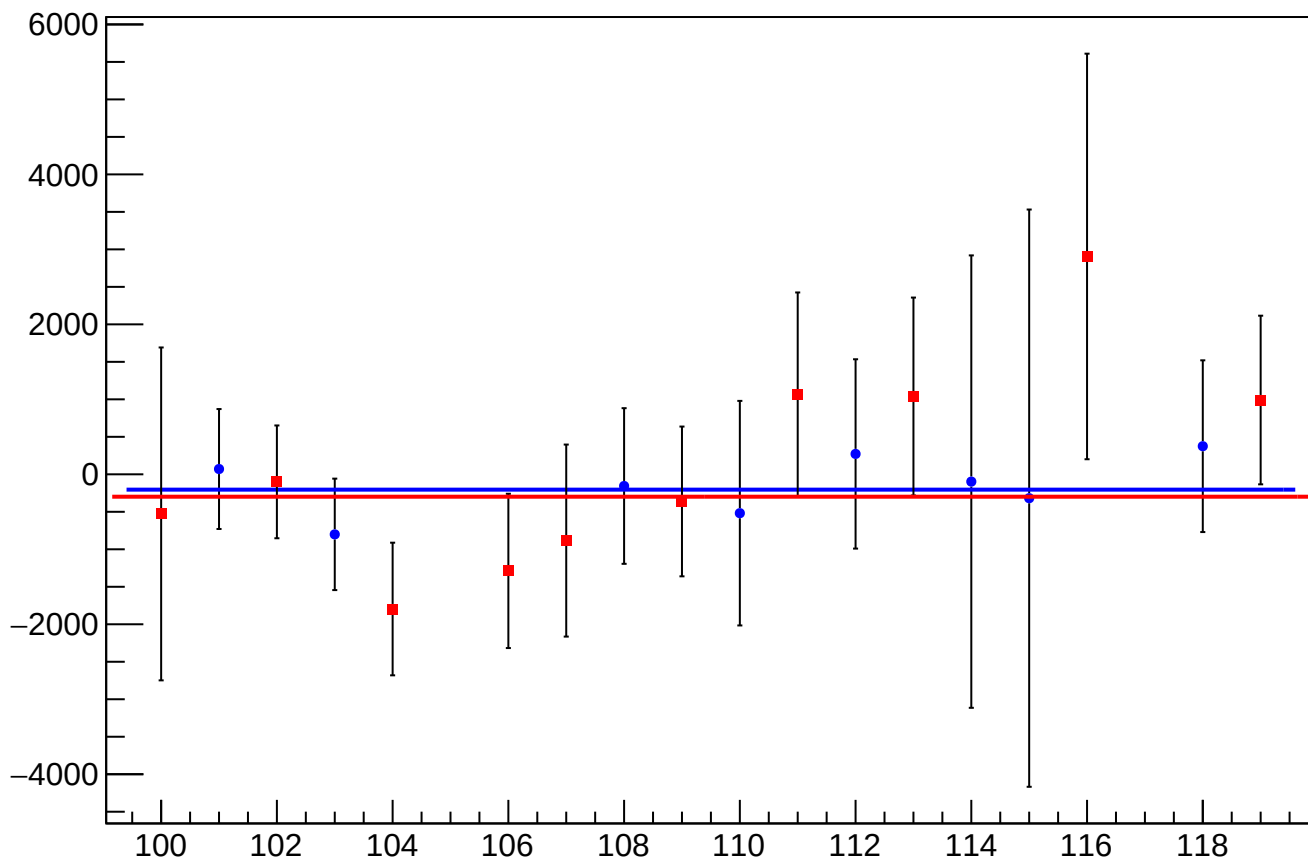
Right: 102.614+/-0.027 χ^2/NDF : 82823.0/17

In: 103.928+/-0.040 χ^2/NDF : 30105.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.614+/-0.027 χ^2/NDF : 82823.0/17

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -204.452+/-397.929 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -298.642+/-356.918 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

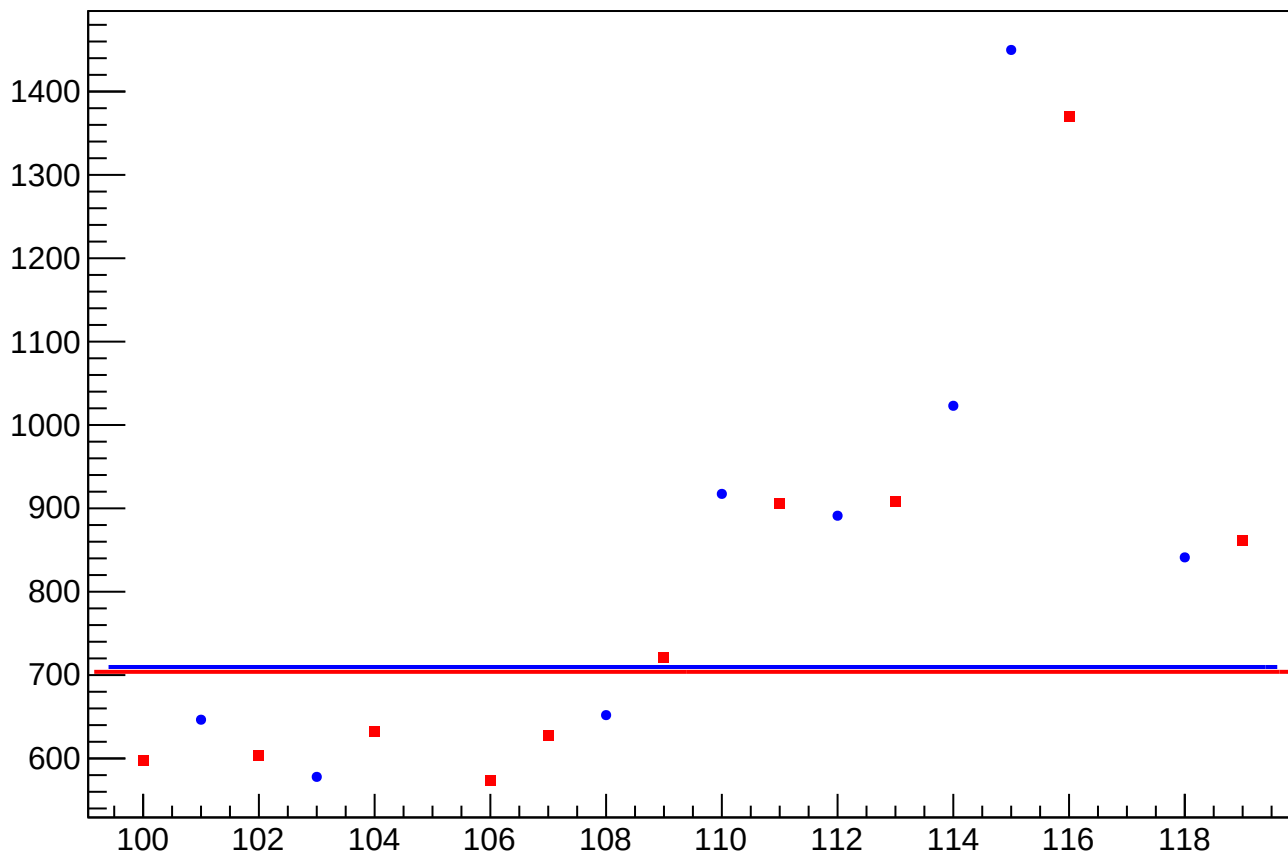
Right: -256.649+/-265.699 χ^2/NDF : 10.1/17

In: -204.452+/-397.929 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -256.649+/-265.699 χ^2/NDF : 10.1/17

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 709.712+/-0.281 χ^2/NDF : 283243.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 703.909+/-0.252 χ^2/NDF : 345085.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

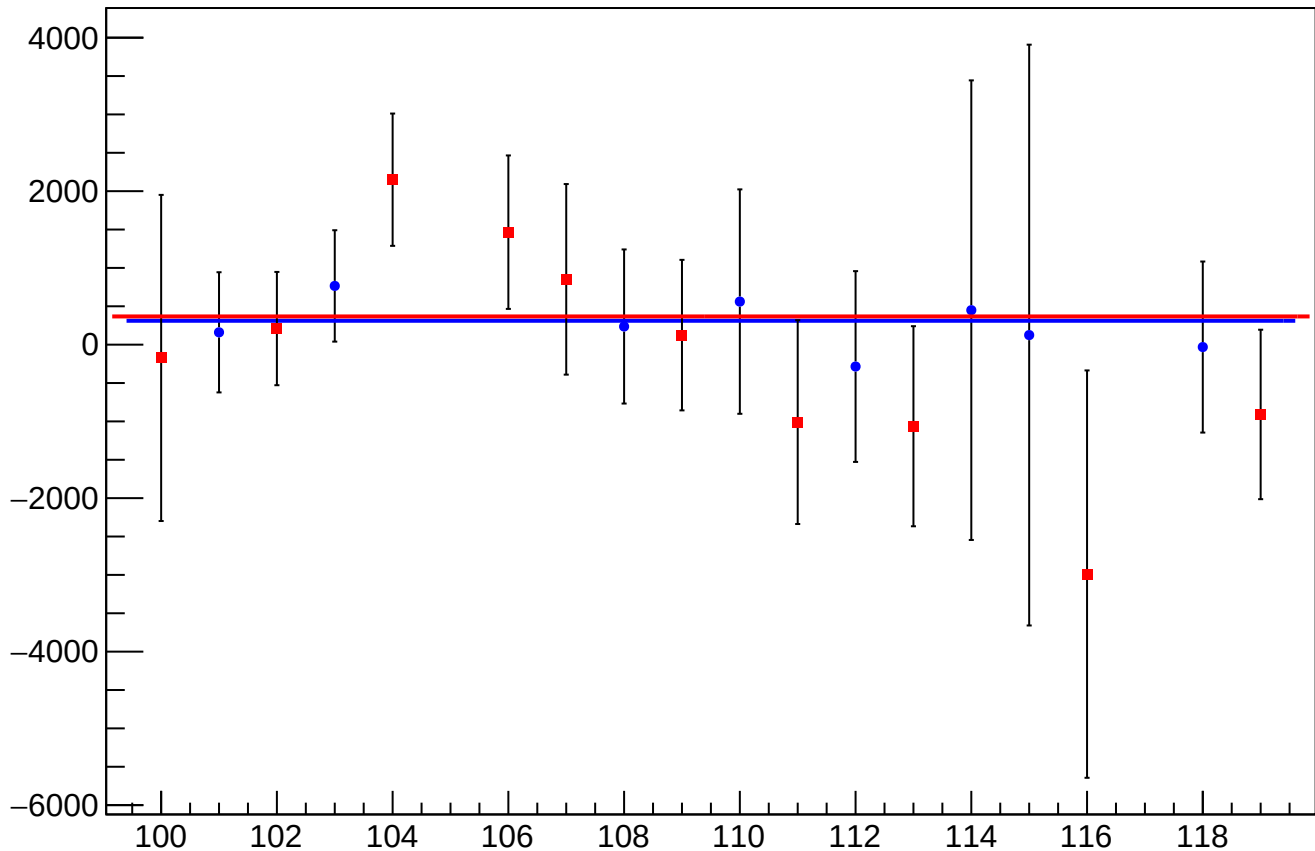
Right: 706.496+/-0.188 χ^2/NDF : 628565.1/17

In: 709.712+/-0.281 χ^2/NDF :283243.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 706.496+/-0.188 χ^2/NDF : 628565.1/17

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 311.279+/-388.552 χ^2/NDF : 0.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 367.631+/-349.000 χ^2/NDF : 11.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

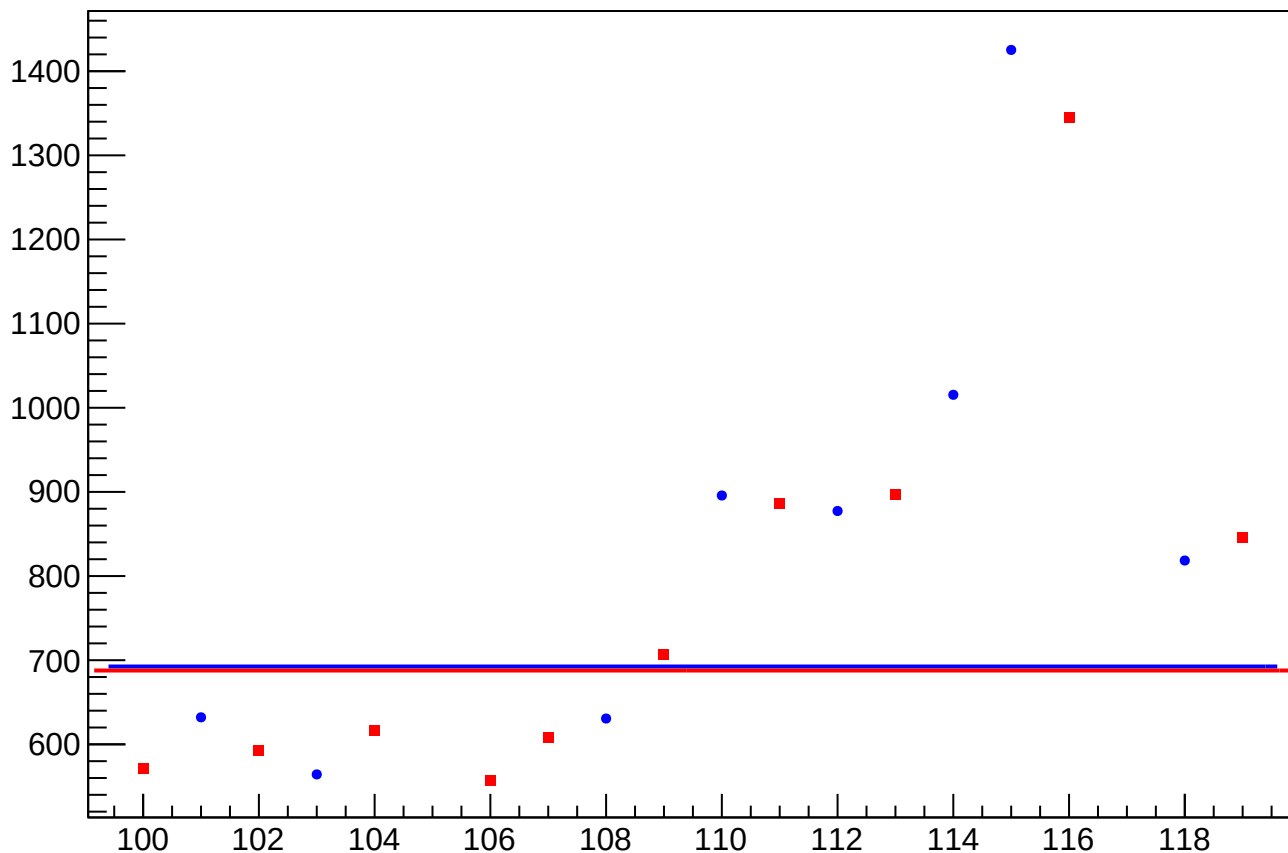
Right: 342.468+/-259.641 χ^2/NDF : 11.8/17

In: 311.279+/-388.552 χ^2/NDF : 0.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.468+/-259.641 χ^2/NDF : 11.8/17

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 692.500+/-0.275 χ^2/NDF : 288615.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 687.735+/-0.247 χ^2/NDF : 355320.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

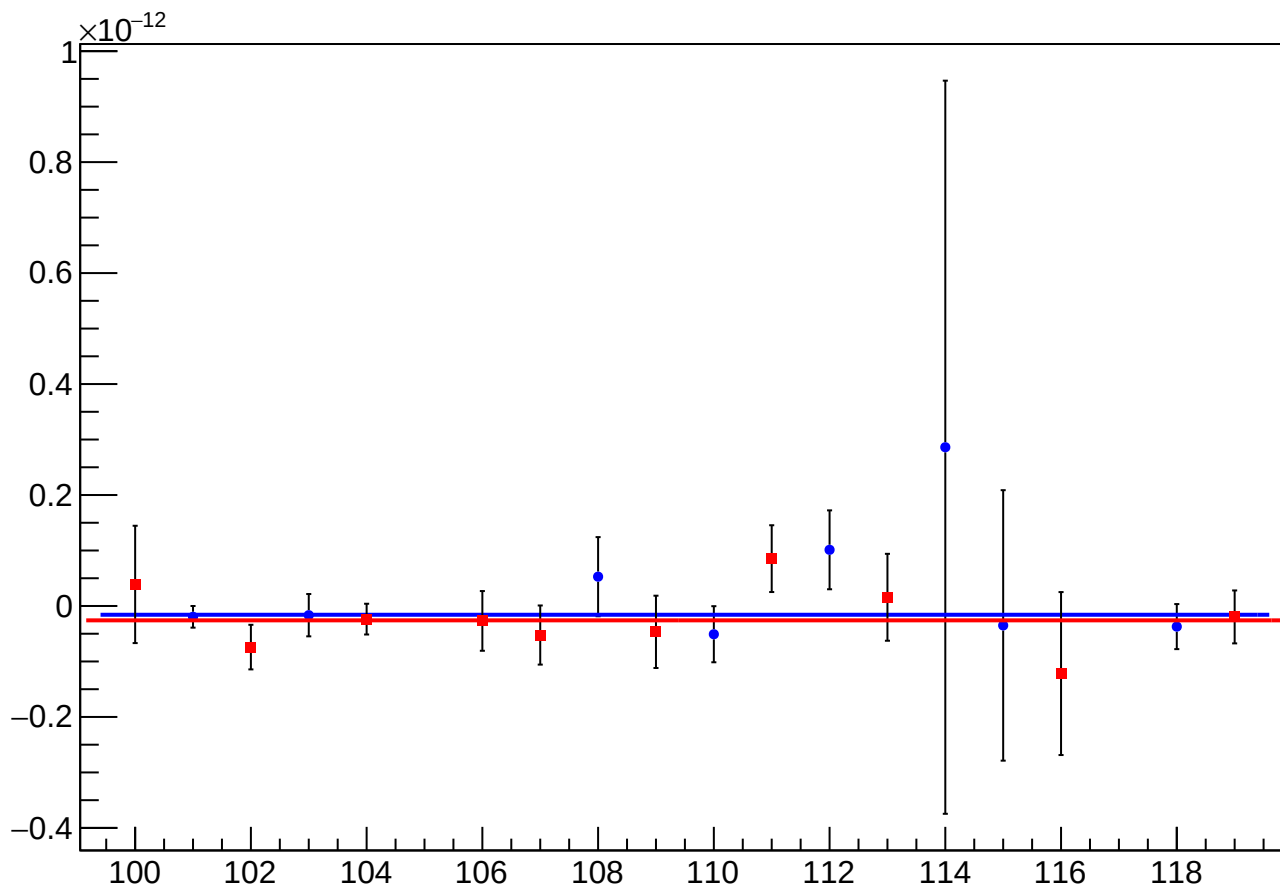
Right: 689.863+/-0.184 χ^2/NDF : 644101.8/17

In: 692.500+/-0.275 χ^2/NDF : 288615.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.863+/-0.184 χ^2/NDF : 644101.8/17

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

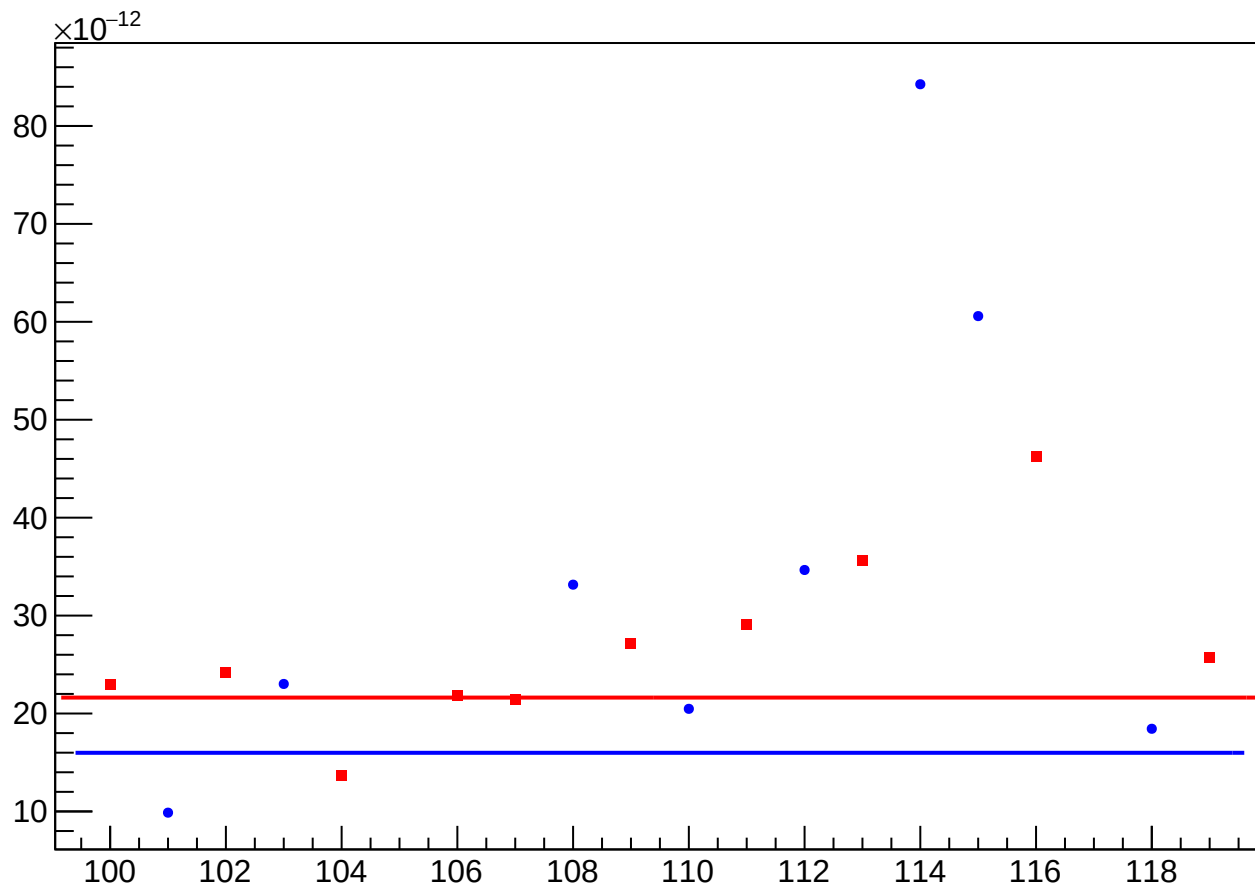
Right: -0.000+/-0.000 χ^2/NDF : 11.2/17

In: -0.000+/-0.000 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.2/17

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 629470.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 352183.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

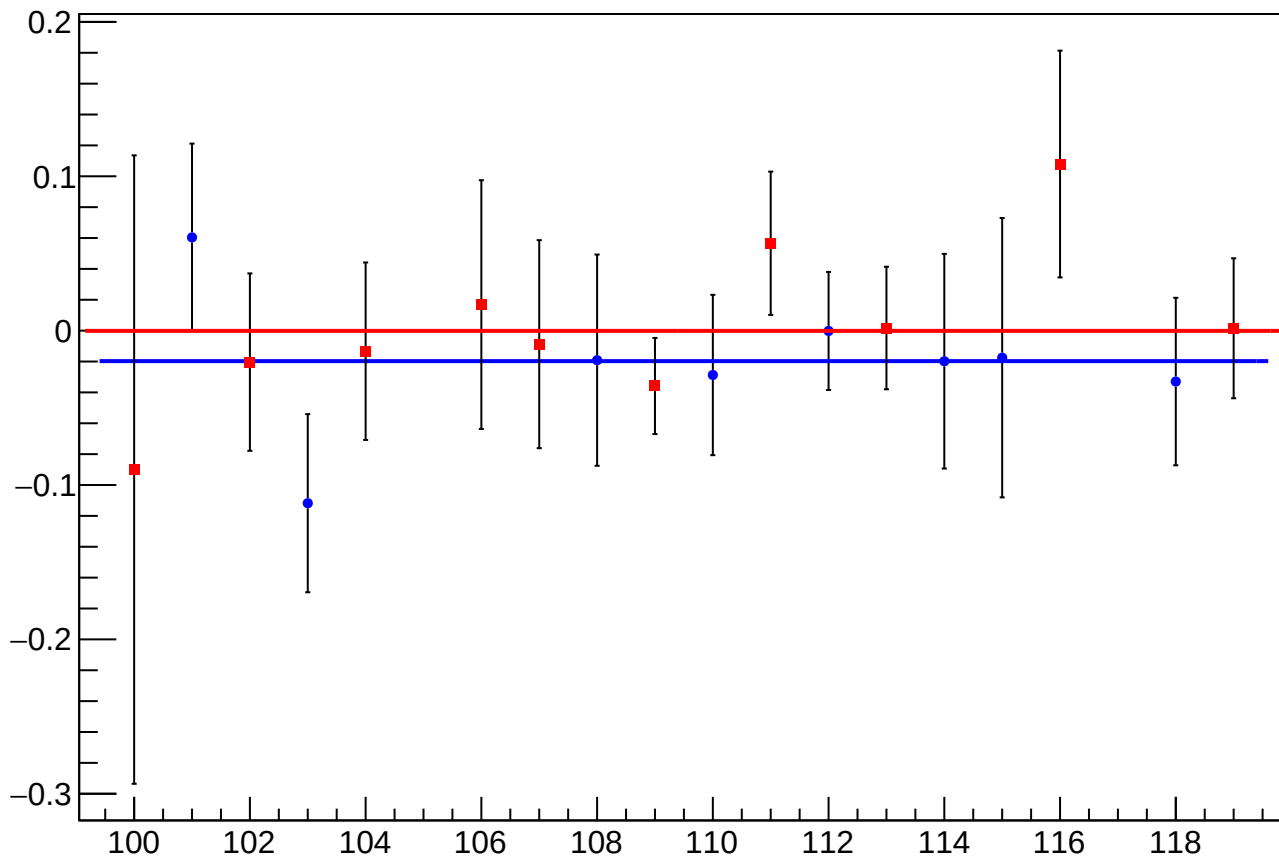
Right: 0.000+/-0.000 χ^2/NDF : 1116905.3/17

In: 0.000+/-0.000 χ^2/NDF : 629470.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1116905.3/17

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.016 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

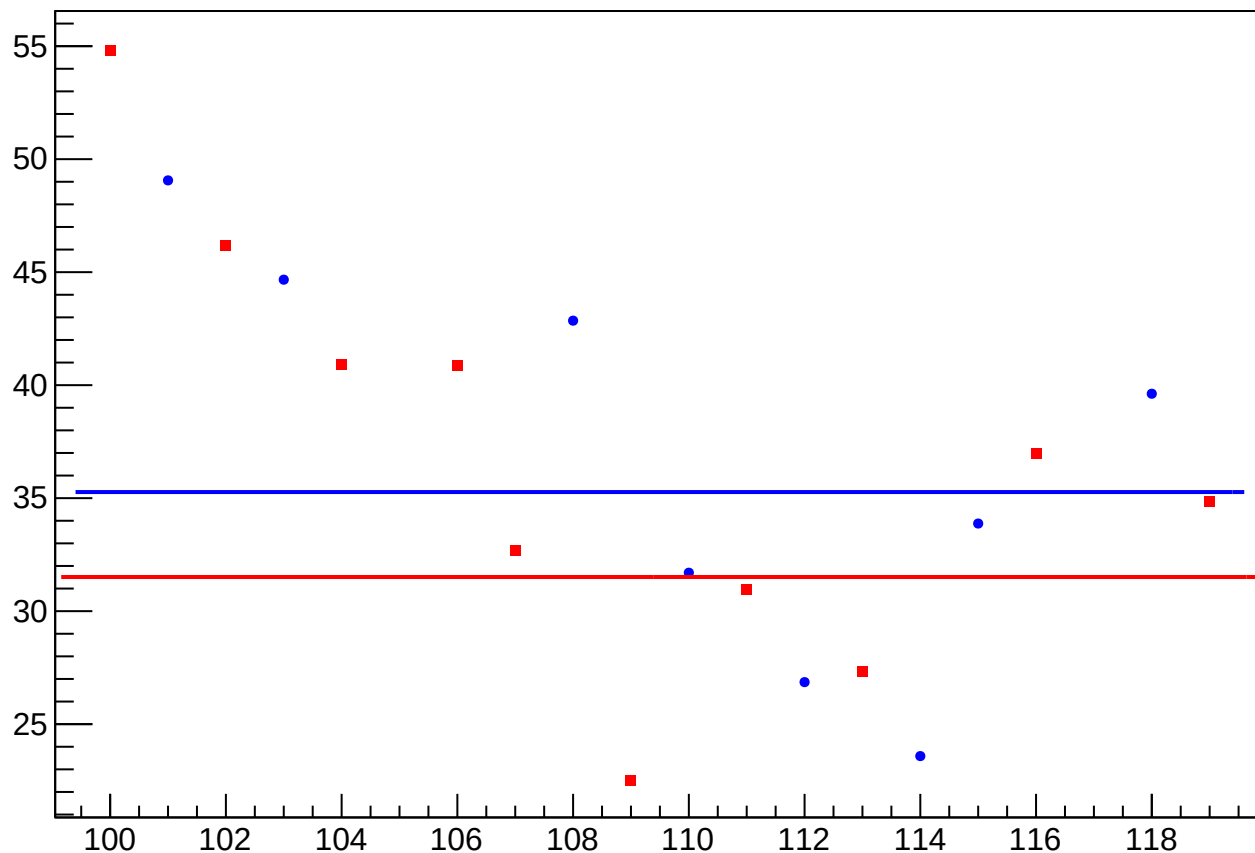
Right: -0.008+/-0.013 χ^2/NDF : 10.6/17

In: -0.020+/-0.020 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.013 χ^2/NDF : 10.6/17

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.270+/-0.014 χ^2/NDF : 356628.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.511+/-0.011 χ^2/NDF : 449257.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

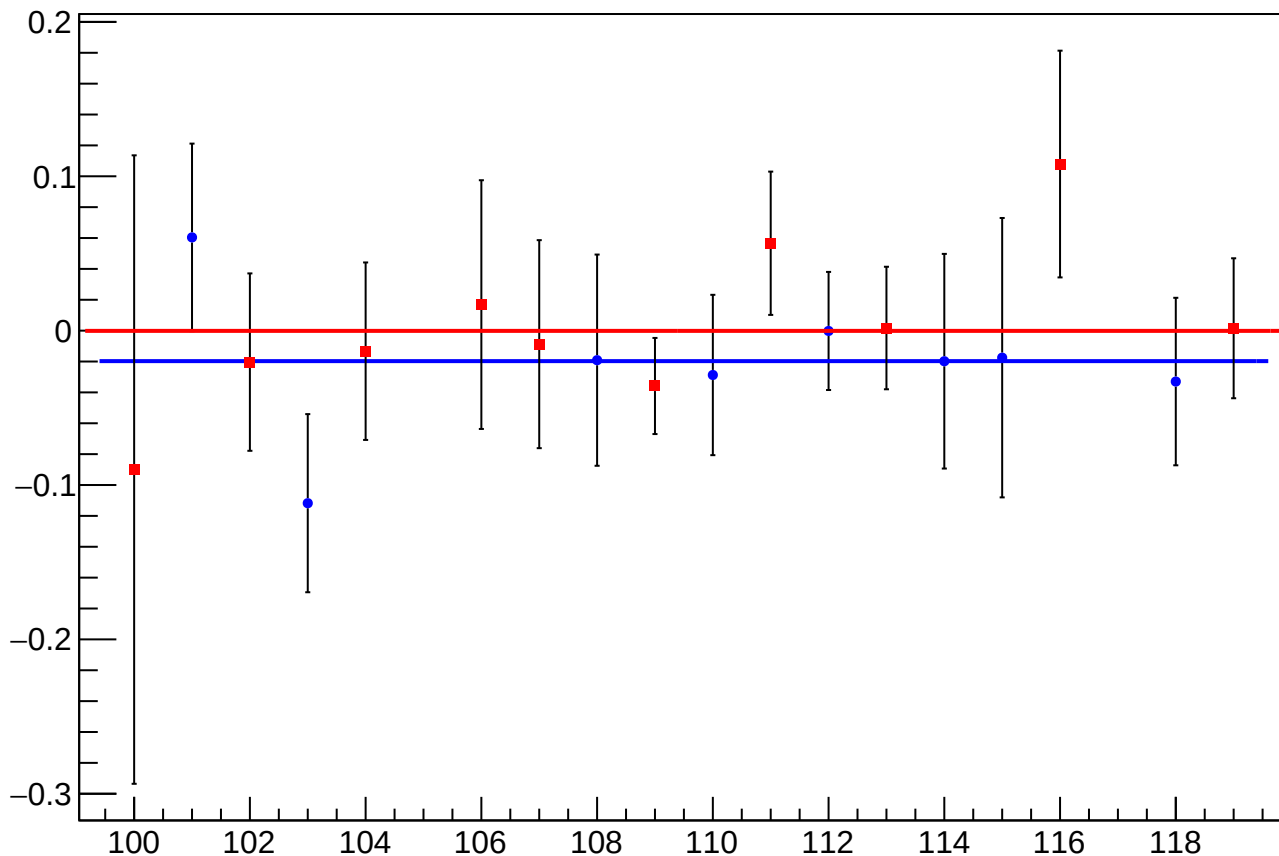
Right: 33.004+/-0.009 χ^2/NDF : 848609.0/17

In: 35.270+/-0.014 χ^2/NDF : 356628.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.004+/-0.009 χ^2/NDF : 848609.0/17

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.016 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

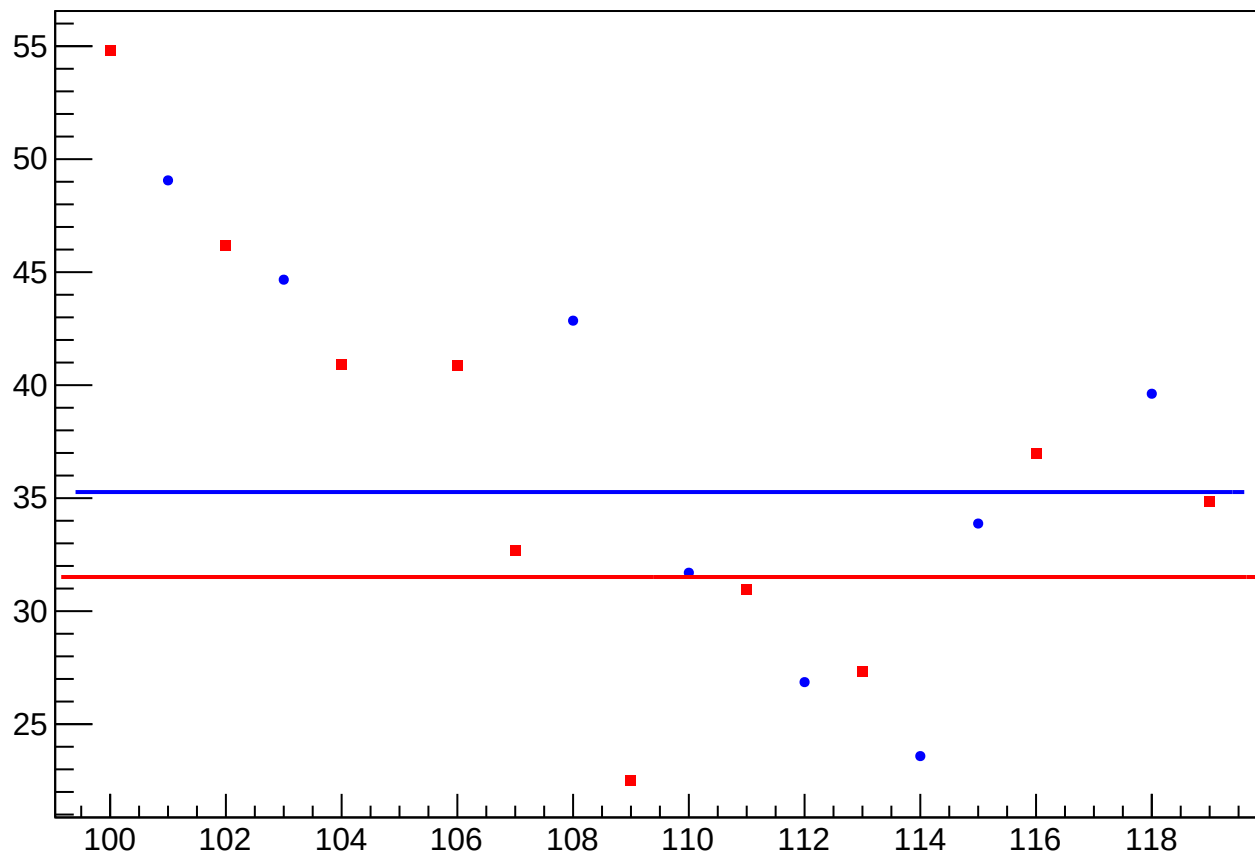
Right: -0.008+/-0.013 χ^2/NDF : 10.6/17

In: -0.020+/-0.020 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.013 χ^2/NDF : 10.6/17

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.270+/-0.014 χ^2/NDF : 356628.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.511+/-0.011 χ^2/NDF : 449257.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

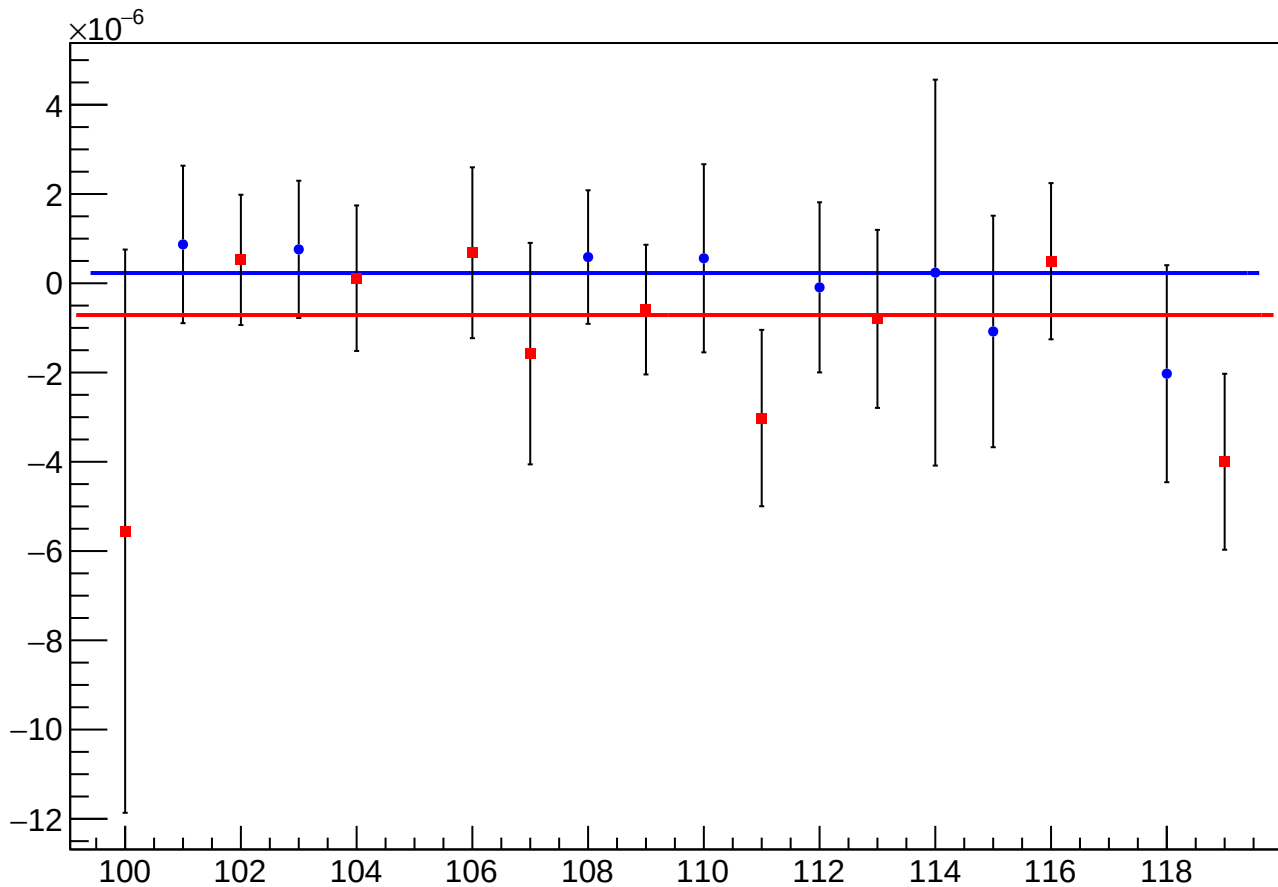
Right: 33.004+/-0.009 χ^2/NDF : 848609.0/17

In: 35.270+/-0.014 χ^2/NDF : 356628.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.004+/-0.009 χ^2/NDF : 848609.0/17

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

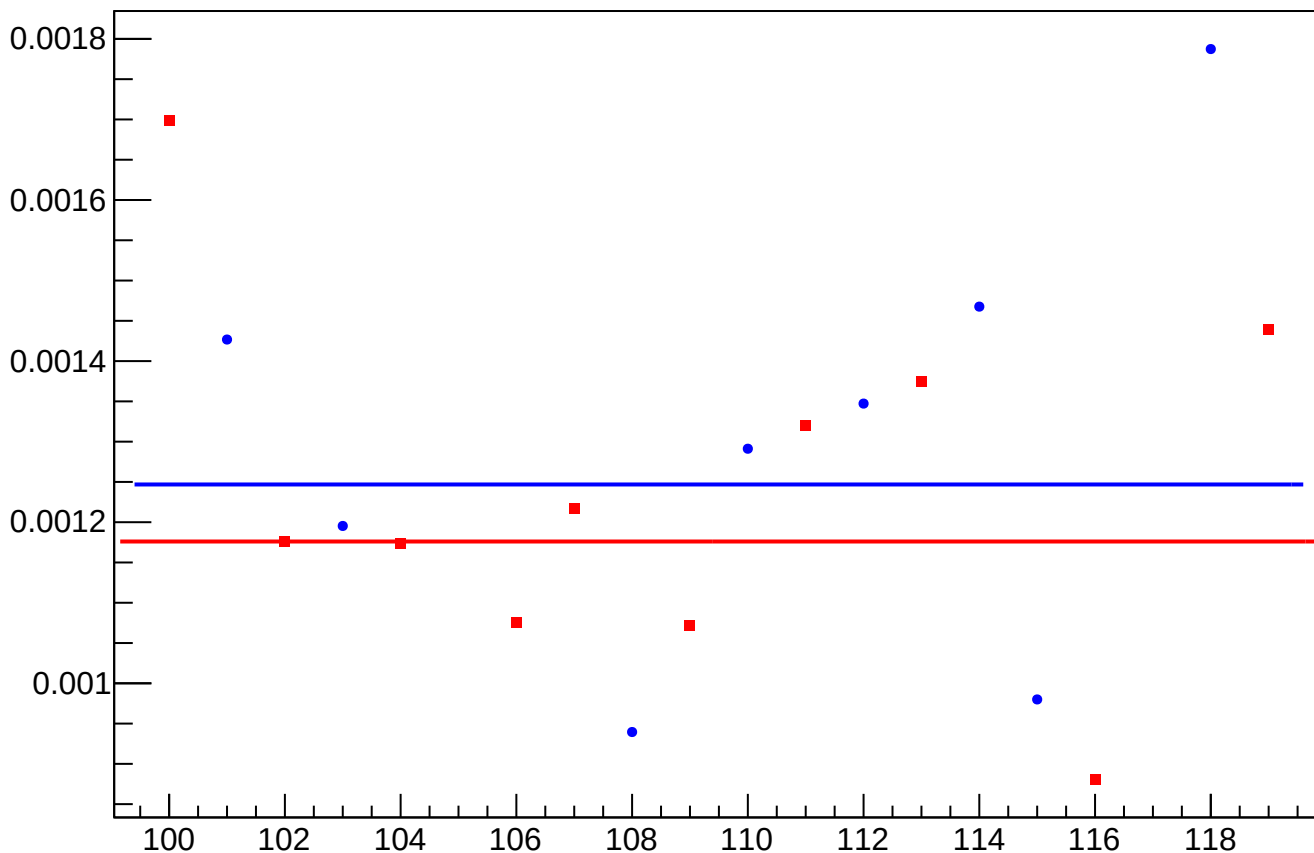
Right: -0.000+/-0.000 χ^2/NDF : 9.4/17

In: 0.000+/-0.000 χ^2/NDF : 1.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/17

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 239121.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 153222.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

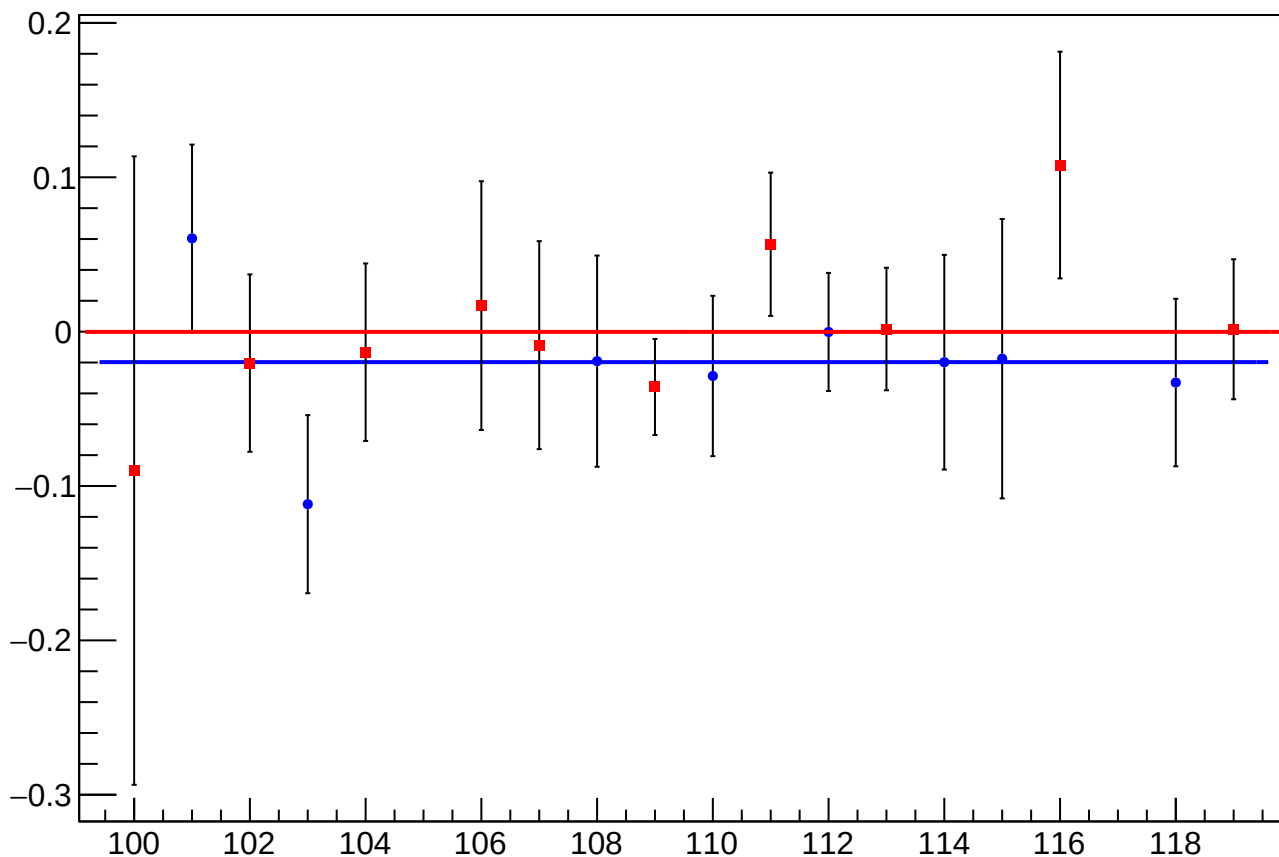
Right: 0.001+/-0.000 χ^2/NDF : 404377.4/17

In: 0.001+/-0.000 χ^2/NDF : 239121.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 404377.4/17

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.016 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

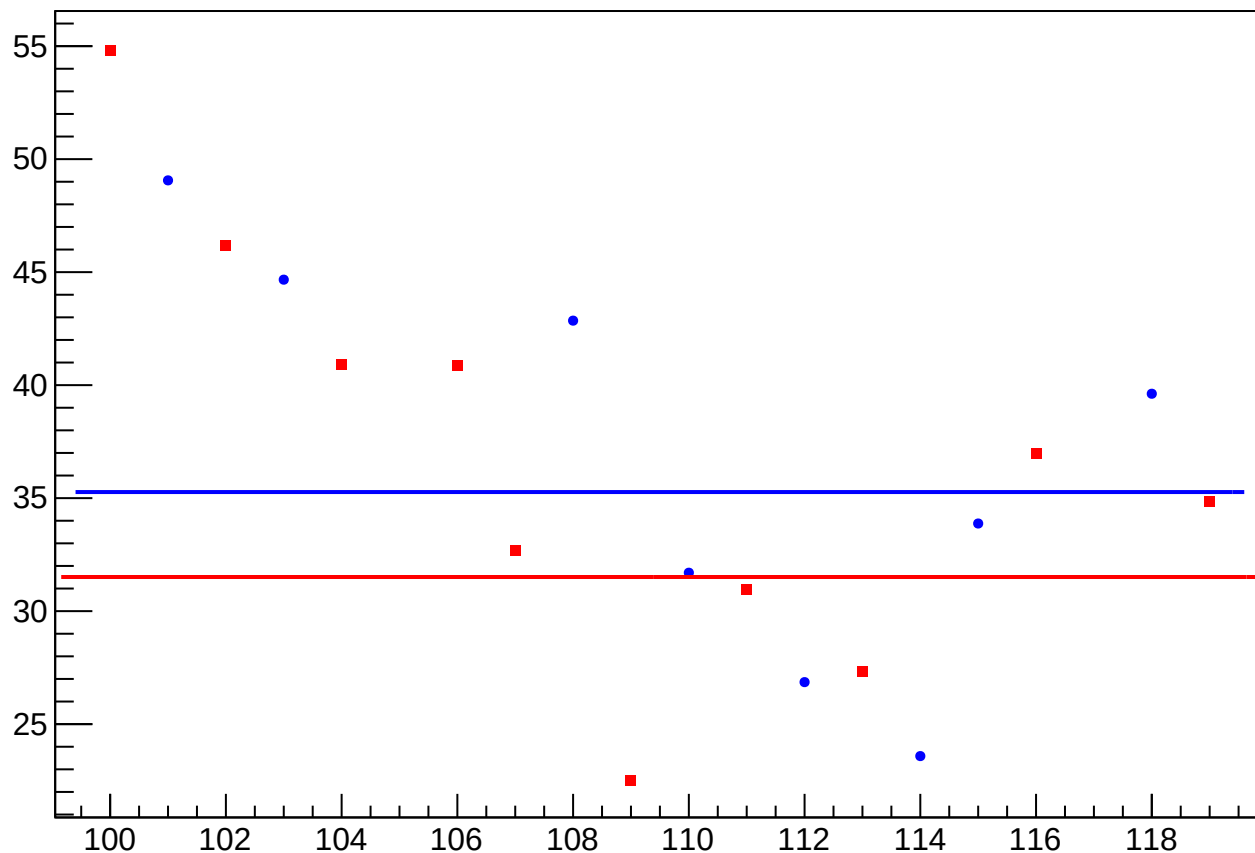
Right: -0.008+/-0.013 χ^2/NDF : 10.6/17

In: -0.020+/-0.020 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.013 χ^2/NDF : 10.6/17

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.269+/-0.014 χ^2/NDF : 356647.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.510+/-0.011 χ^2/NDF : 449289.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

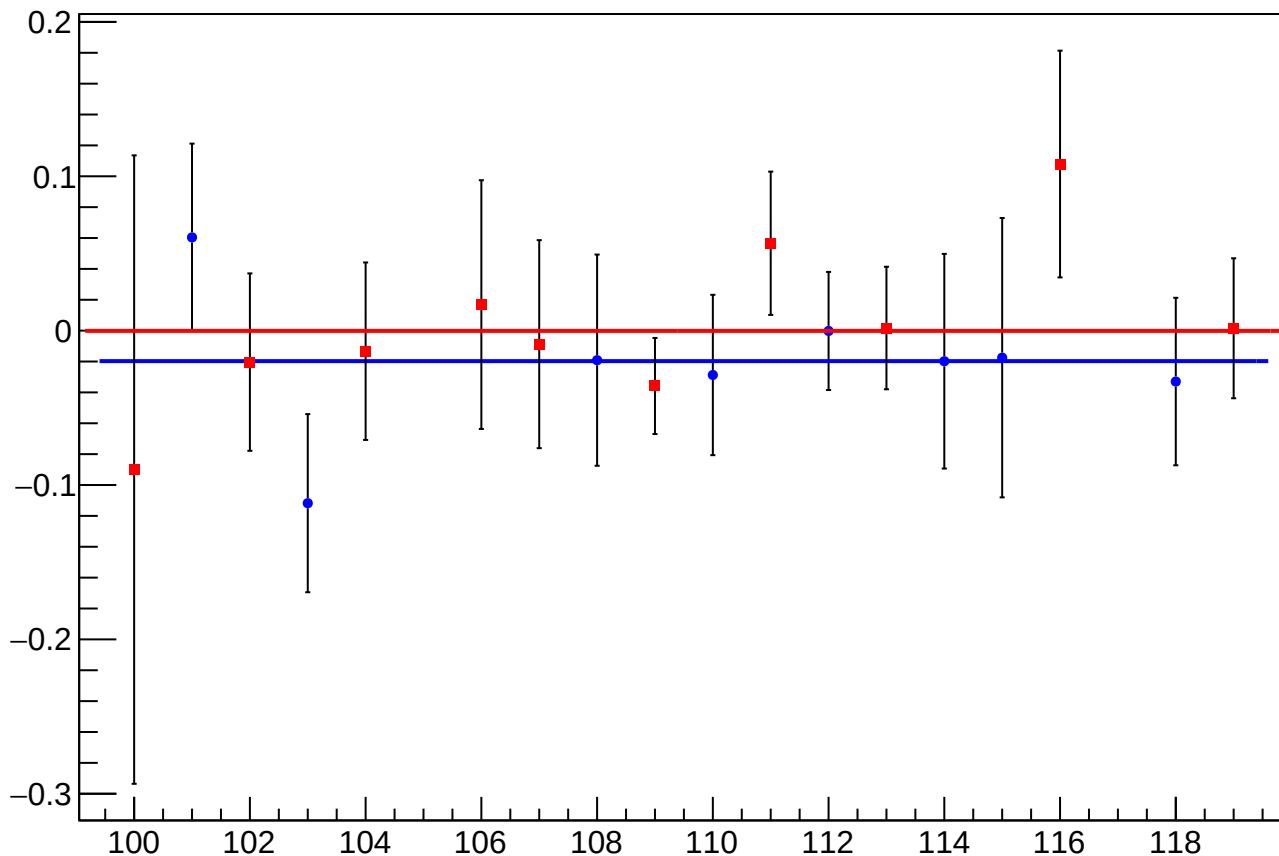
Right: 33.003+/-0.009 χ^2/NDF : 848661.0/17

In: 35.269+/-0.014 χ^2/NDF : 356647.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.003+/-0.009 χ^2/NDF : 848661.0/17

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.020 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.016 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

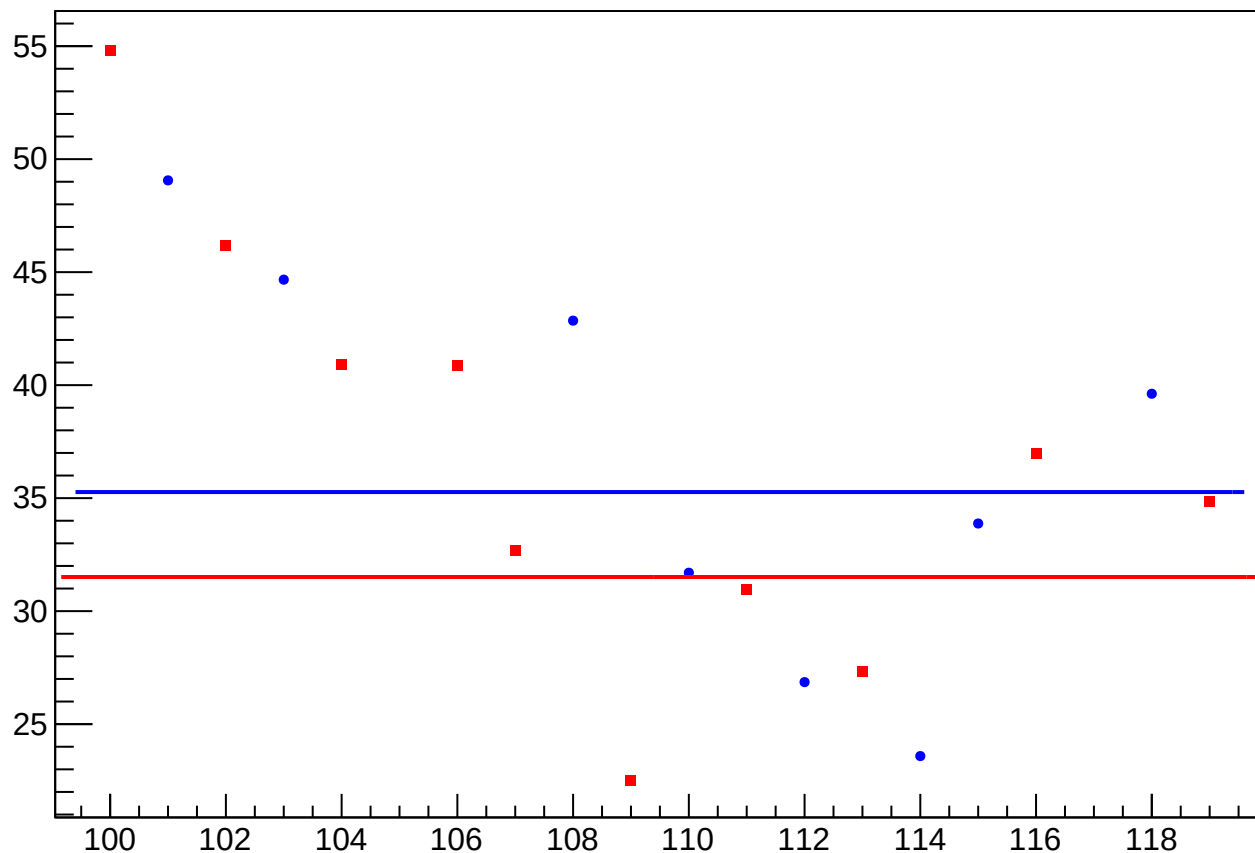
Right: -0.008+/-0.013 χ^2/NDF : 10.6/17

In: -0.020+/-0.020 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.008+/-0.013 χ^2/NDF : 10.6/17

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.269+/-0.014 χ^2/NDF : 356647.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.510+/-0.011 χ^2/NDF : 449289.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

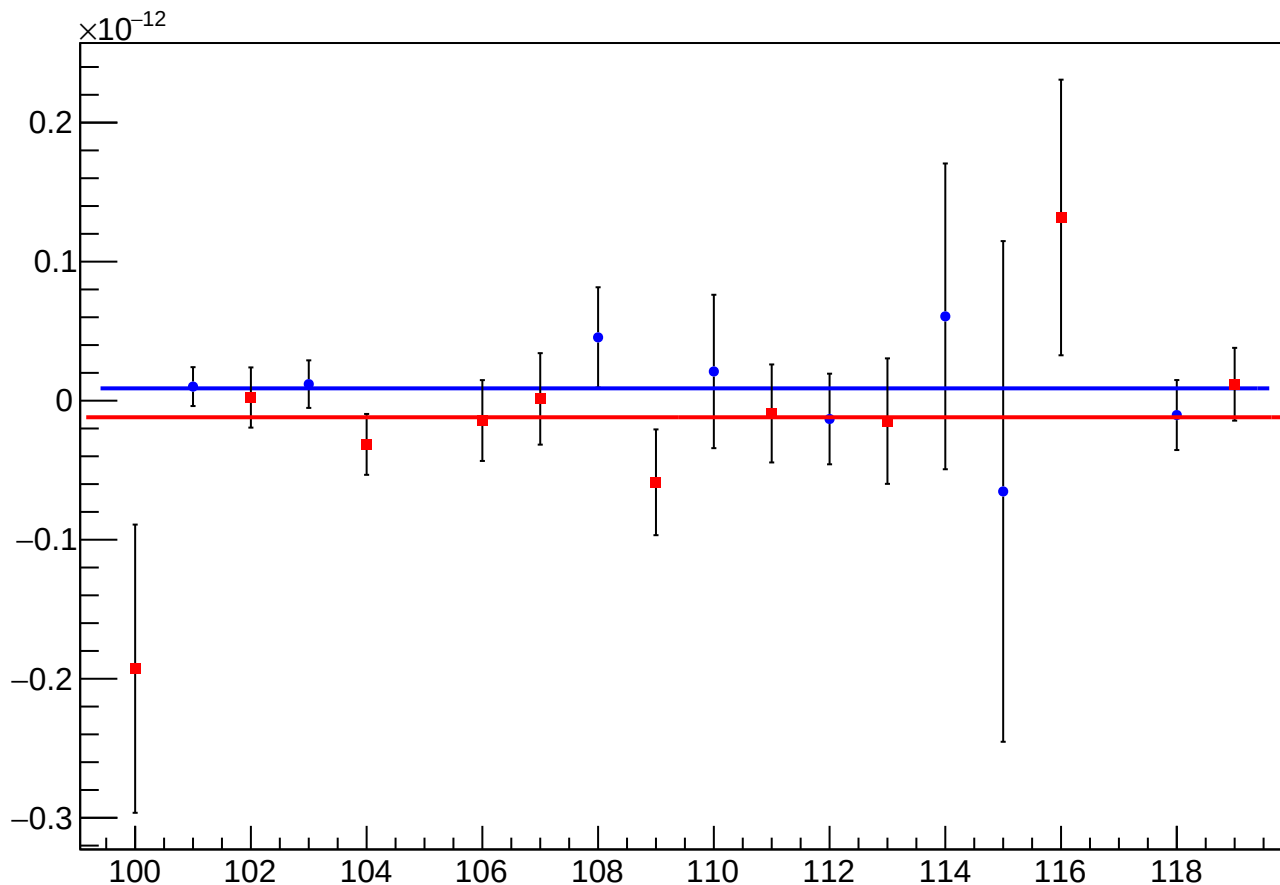
Right: 33.003+/-0.009 χ^2/NDF : 848661.0/17

In: 35.269+/-0.014 χ^2/NDF : 356647.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.003+/-0.009 χ^2/NDF : 848661.0/17

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

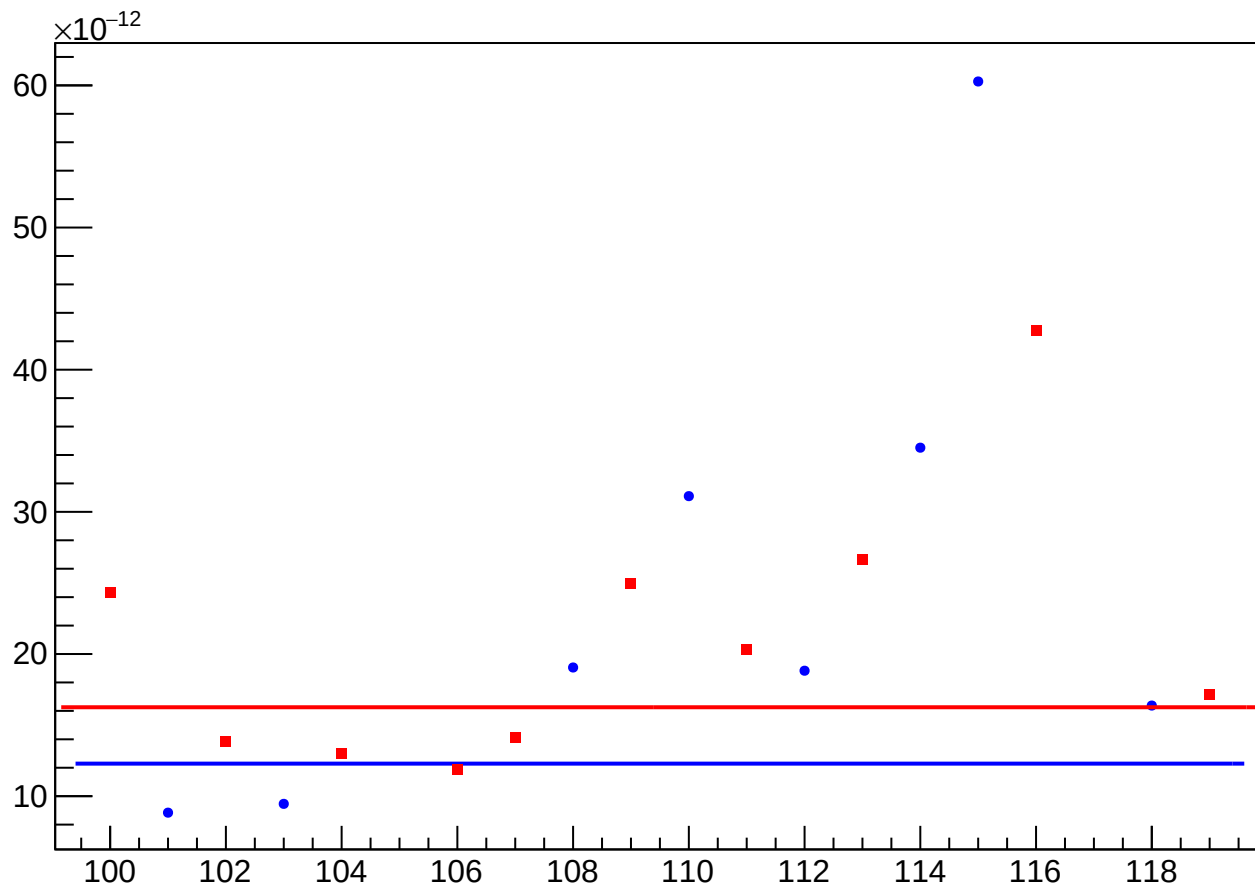
Right: -0.000+/-0.000 χ^2/NDF : 13.8/17

In: 0.000+/-0.000 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/17

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 836330.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 518791.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

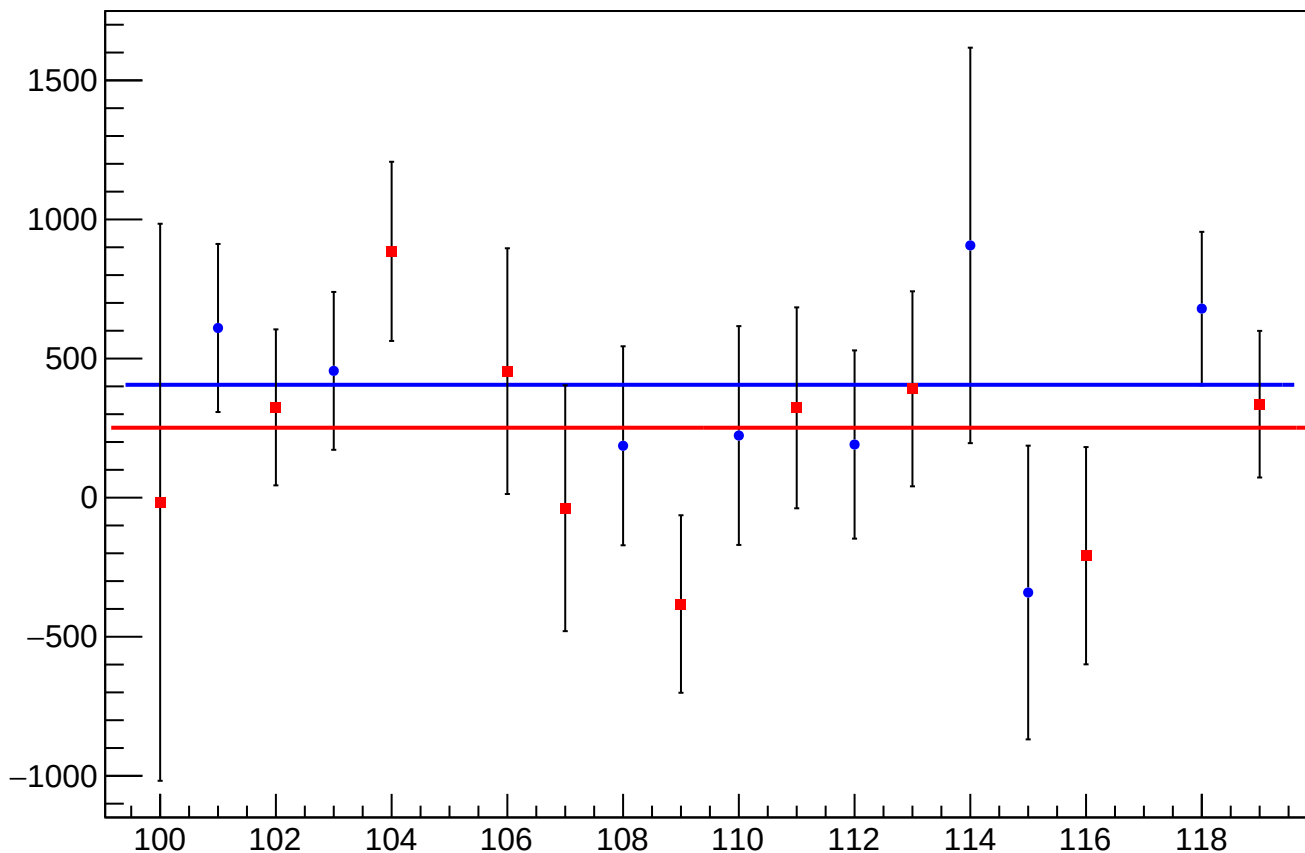
Right: 0.000+/-0.000 χ^2/NDF : 1528071.3/17

In: 0.000+/-0.000 χ^2/NDF : 836330.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1528071.3/17

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 405.673+/-123.946 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 251.380+/-111.663 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

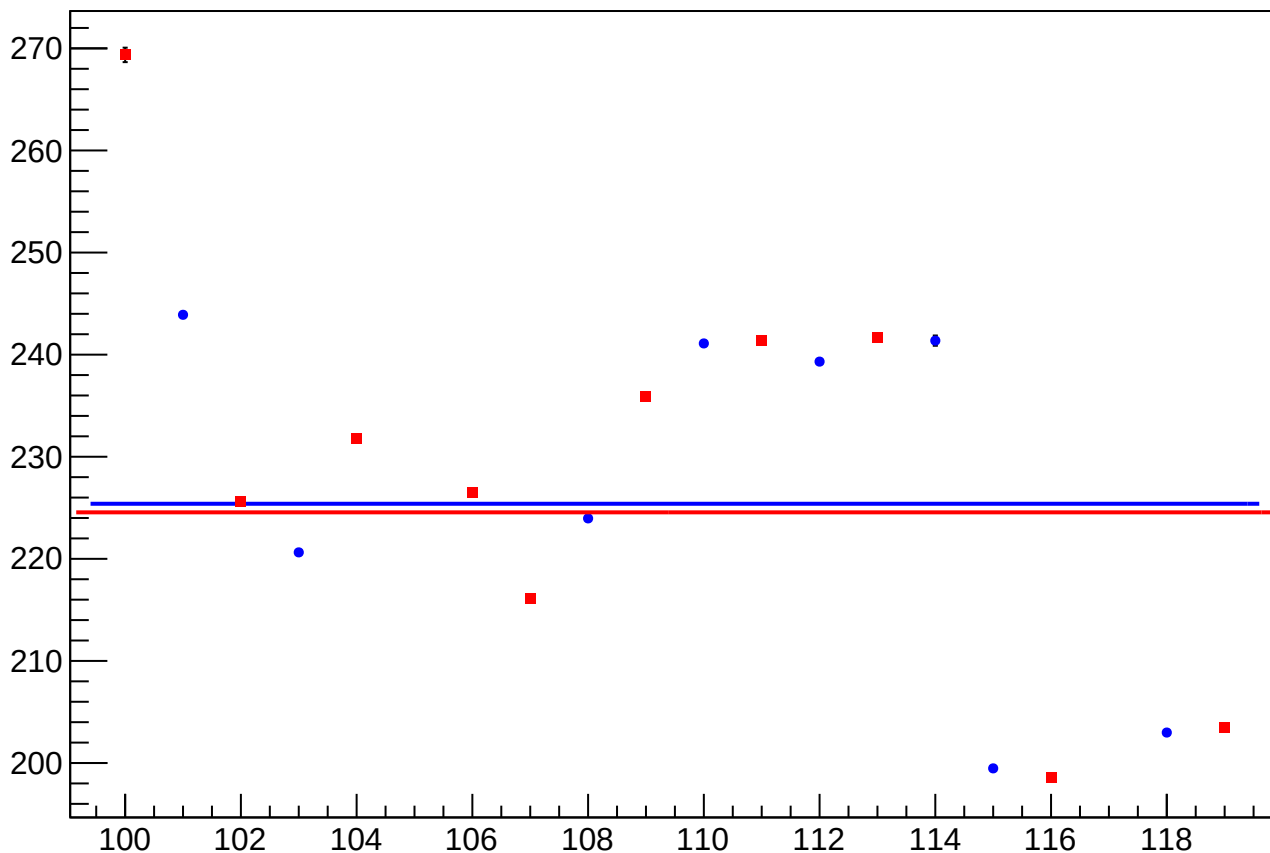
Right: 320.505+/-82.961 χ^2/NDF : 16.1/17

In: 405.673+/-123.946 χ^2/NDF : 5.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.505+/-82.961 χ^2/NDF : 16.1/17

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.553+/-0.079 χ^2/NDF : 39148.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

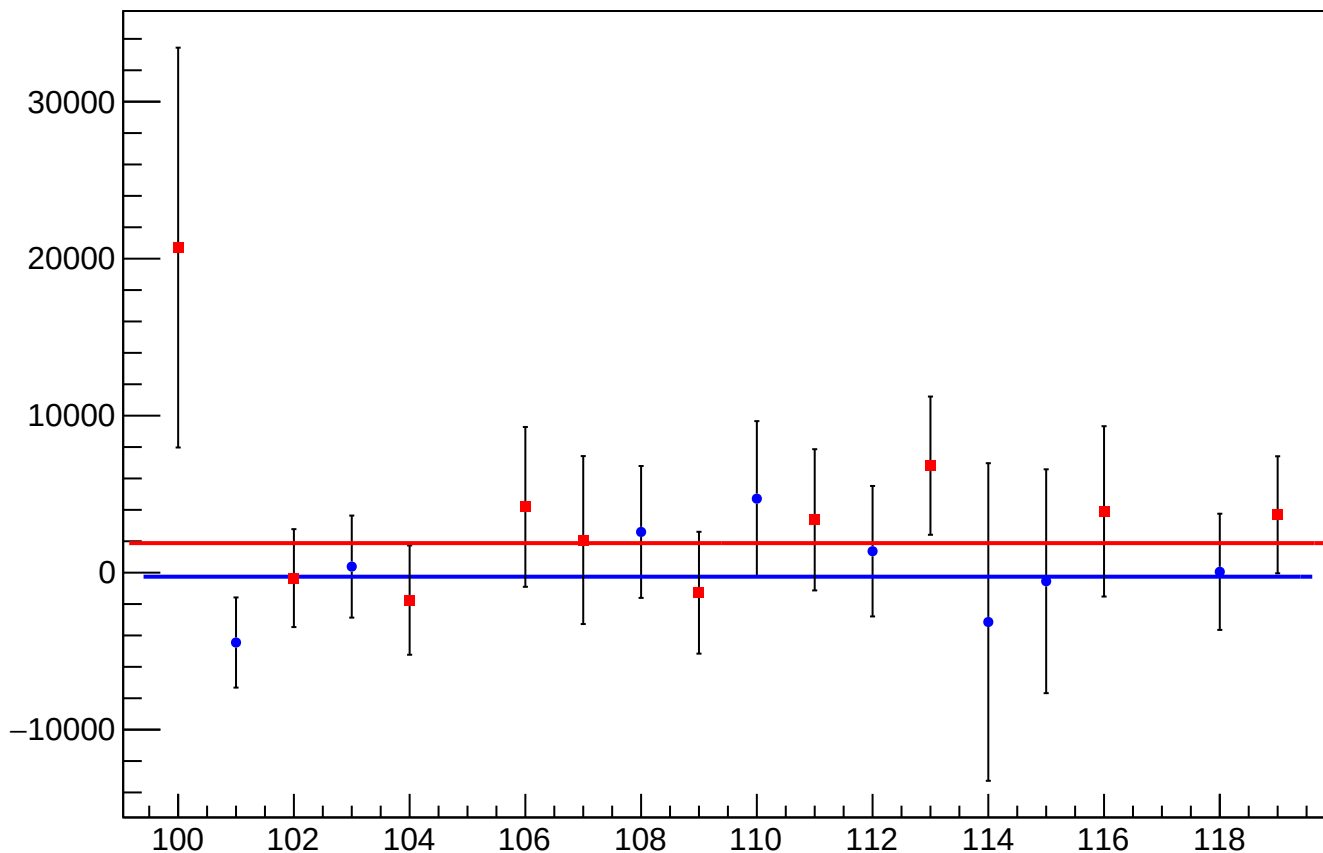
Right: 224.930+/-0.059 χ^2/NDF : 72897.3/17

In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.930+/-0.059 χ^2/NDF : 72897.3/17

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -256.987+/-1452.530 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.437+/-1362.952 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

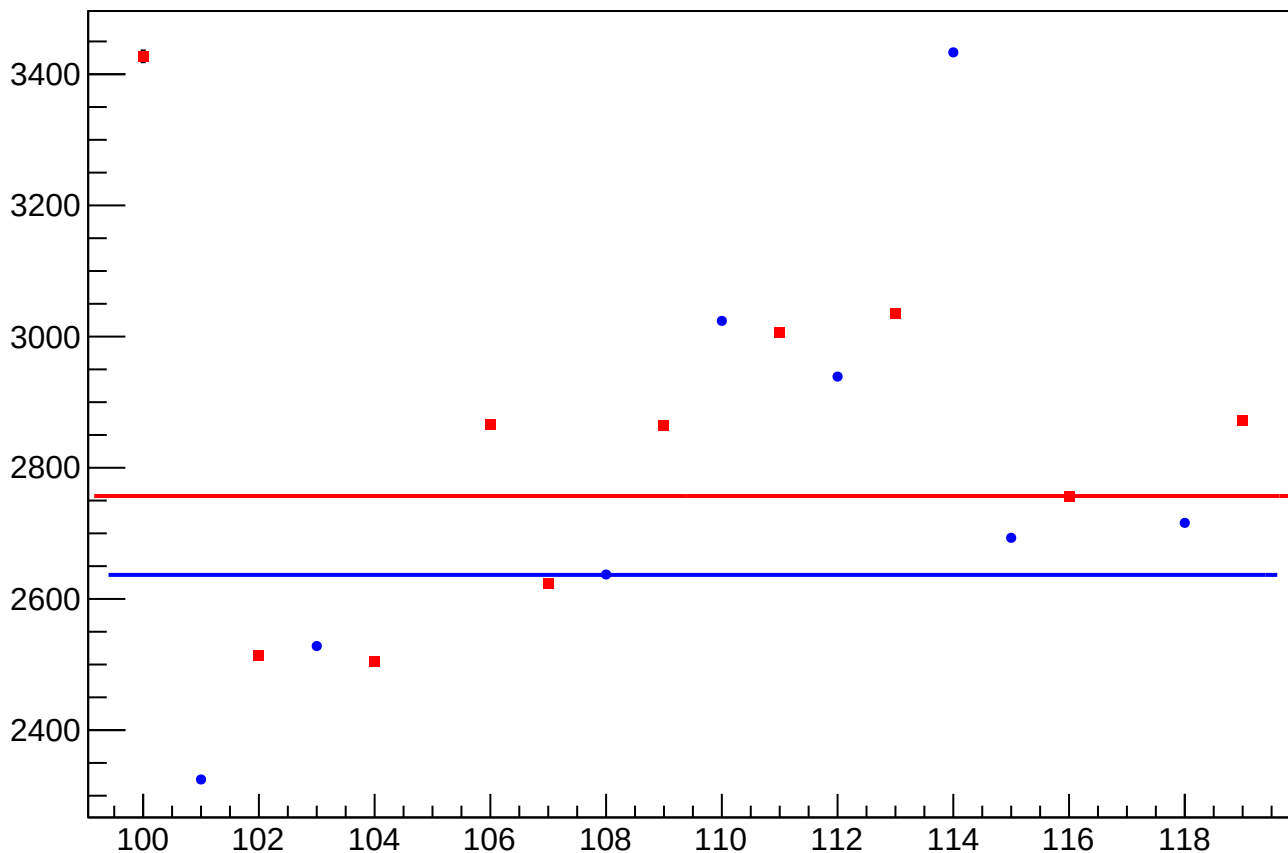
Right: 880.193+/-993.912 χ^2/NDF : 11.4/17

In: -256.987+/-1452.530 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.193+/-993.912 χ^2/NDF : 11.4/17

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2636.675+/-1.027 χ^2/NDF : 62162.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2756.915+/-0.964 χ^2/NDF : 48070.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

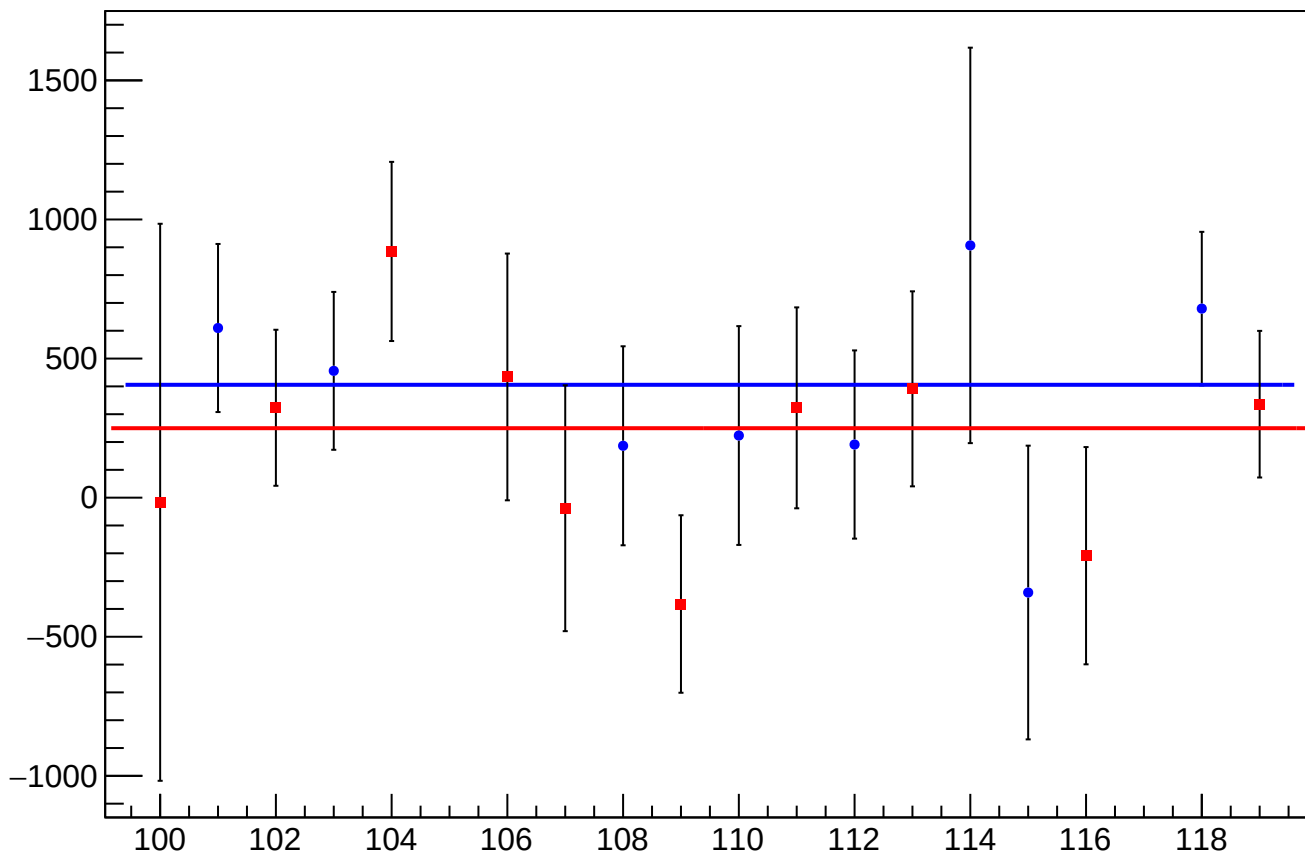
Right: 2700.617+/-0.703 χ^2/NDF : 117521.0/17

In: 2636.675+/-1.027 χ^2/NDF : 62162.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2700.617+/-0.703 χ^2/NDF : 117521.0/17

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 405.711 $\pm$ 123.946 χ^2 /NDF: 5.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.698 $\pm$ 111.697 χ^2 /NDF: 10.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

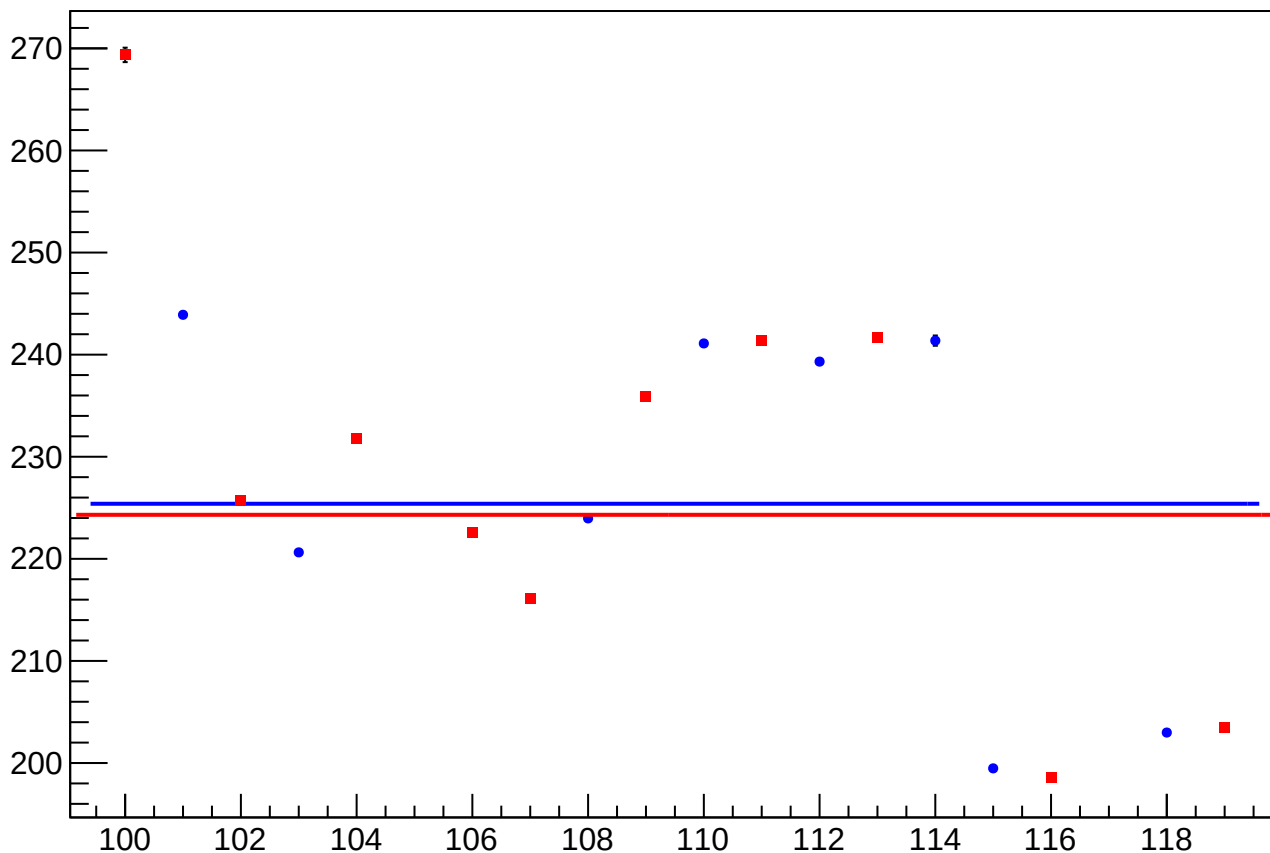
Right: 319.617 $\pm$ 82.975 χ^2 /NDF: 16.1/17

In: 405.711 $\pm$ 123.946 χ^2 /NDF:5.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 319.617 $\pm$ 82.975 χ^2 /NDF: 16.1/17

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.313+/-0.079 χ^2/NDF : 39147.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

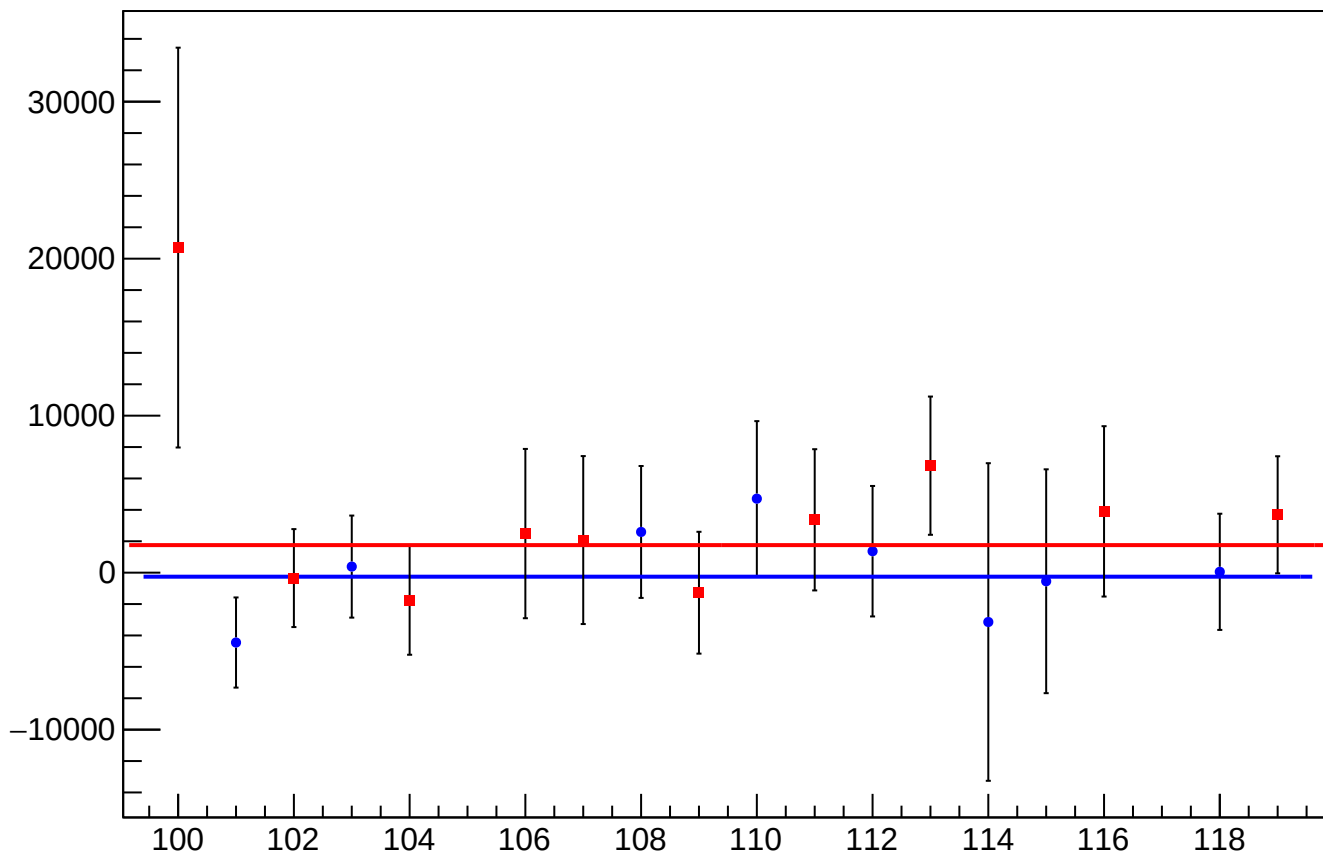
Right: 224.798+/-0.059 χ^2/NDF : 72929.2/17

In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.798+/-0.059 χ^2/NDF : 72929.2/17

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -256.840+/-1452.537 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1754.622+/-1368.387 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

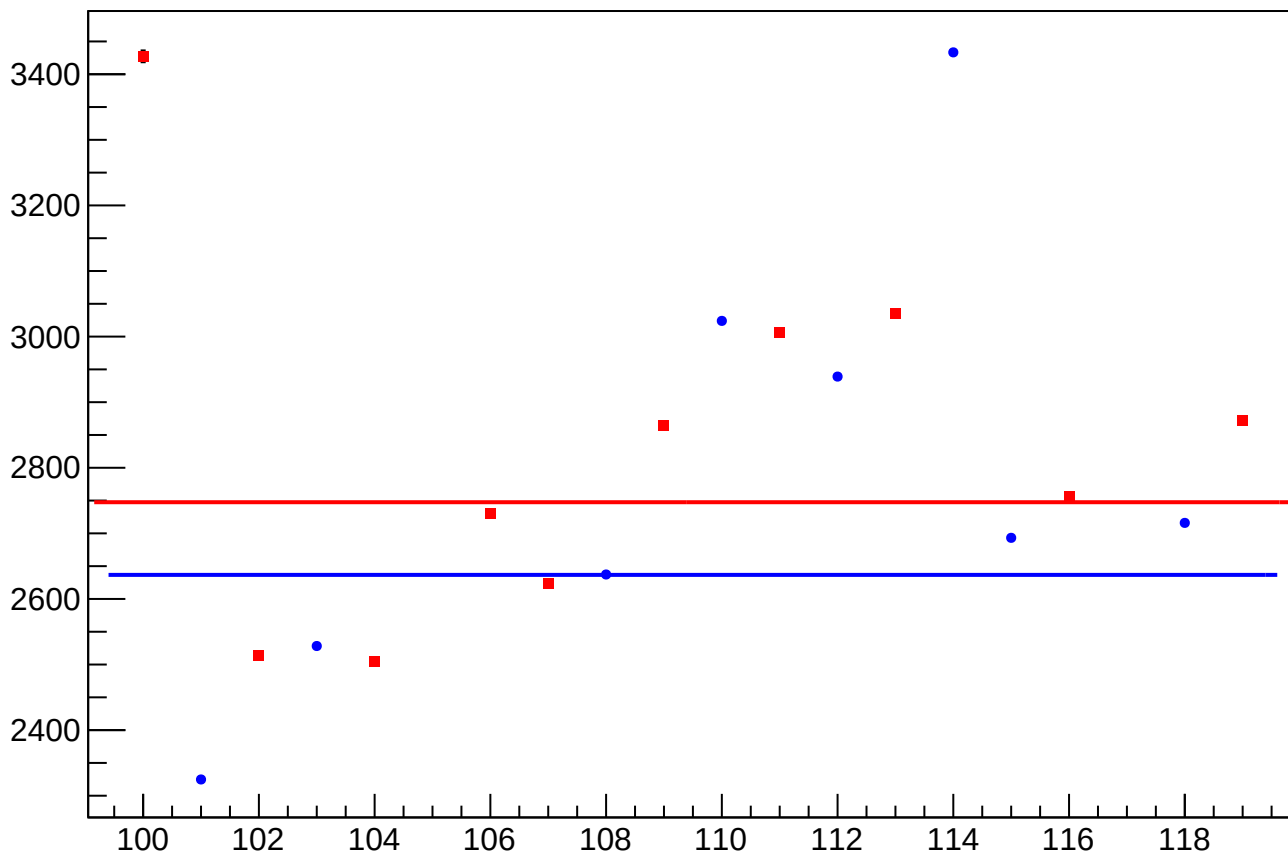
Right: 808.841+/-996.017 χ^2/NDF : 11.1/17

In: -256.840+/-1452.537 χ^2/NDF :3.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 808.841+/-996.017 χ^2/NDF : 11.1/17

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2636.688+/-1.027 χ^2/NDF : 62159.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2747.485+/-0.968 χ^2/NDF : 46990.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

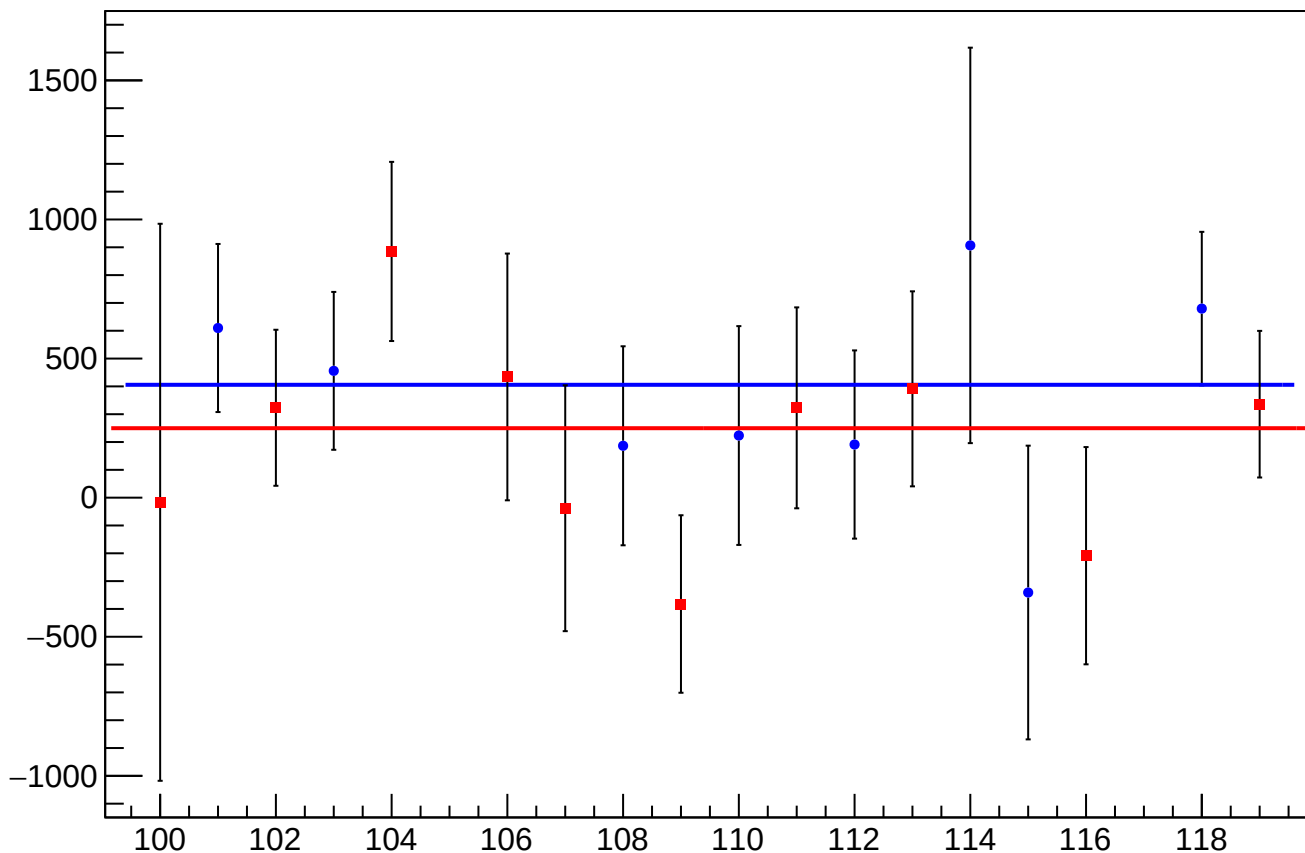
Right: 2695.389+/-0.704 χ^2/NDF : 115315.7/17

In: 2636.688+/-1.027 χ^2/NDF : 62159.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.389+/-0.704 χ^2/NDF : 115315.7/17

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 405.711 $\pm$ 123.946 χ^2 /NDF: 5.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 249.698 $\pm$ 111.697 χ^2 /NDF: 10.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

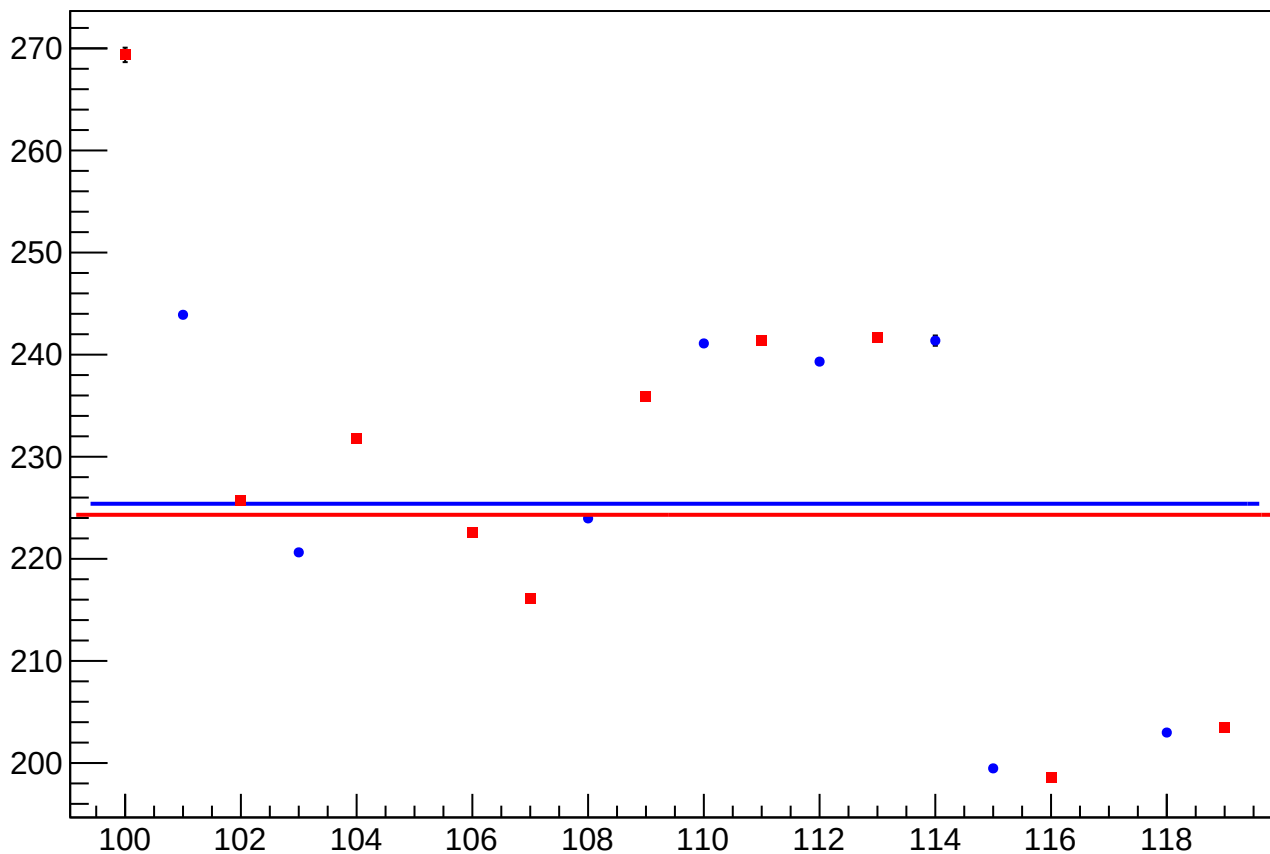
Right: 319.617 $\pm$ 82.975 χ^2 /NDF: 16.1/17

In: 405.711 $\pm$ 123.946 χ^2 /NDF:5.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 319.617 $\pm$ 82.975 χ^2 /NDF: 16.1/17

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 224.313+/-0.079 χ^2/NDF : 39147.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

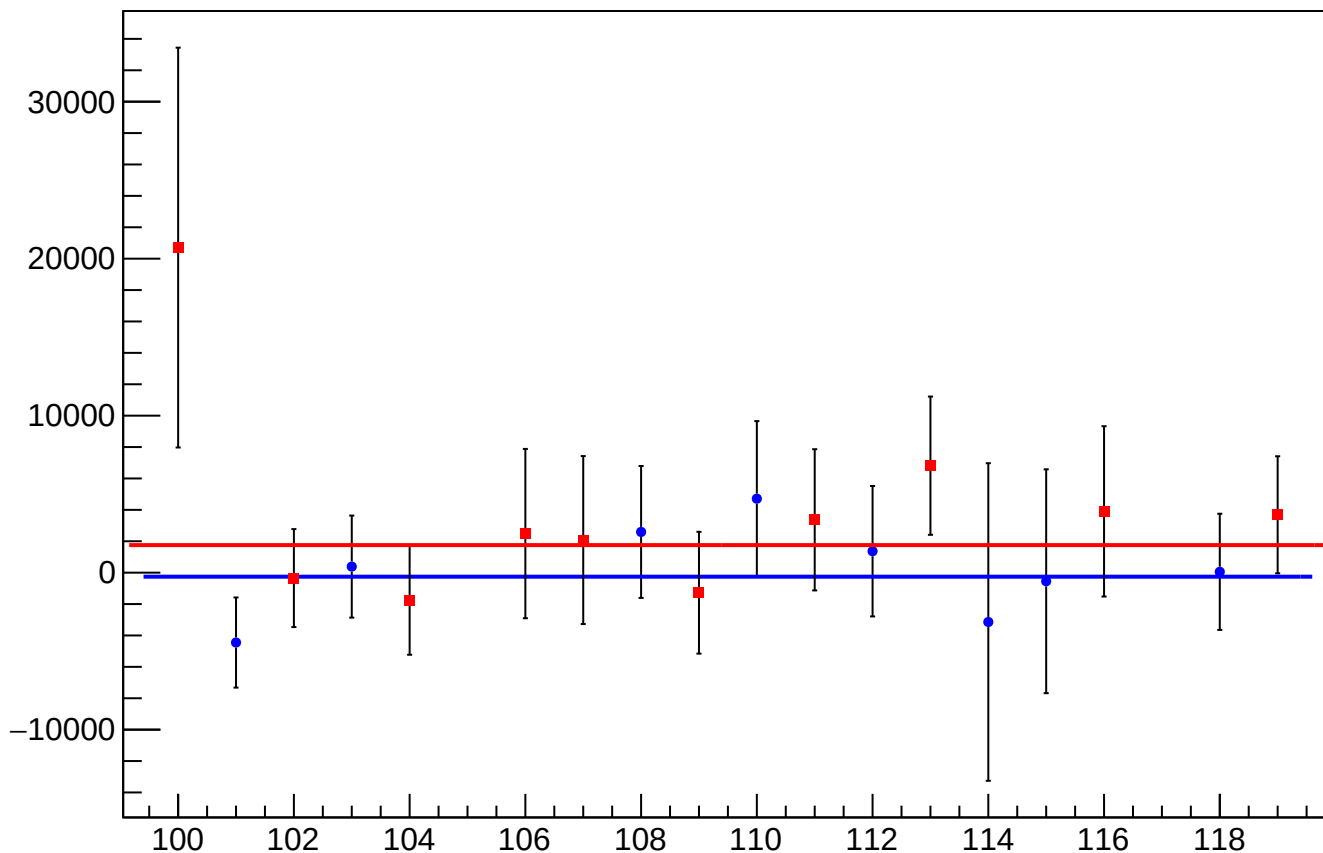
Right: 224.798+/-0.059 χ^2/NDF : 72929.2/17

In: 225.394+/-0.088 χ^2/NDF : 33698.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.798+/-0.059 χ^2/NDF : 72929.2/17

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -256.840+/-1452.537 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1754.622+/-1368.387 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

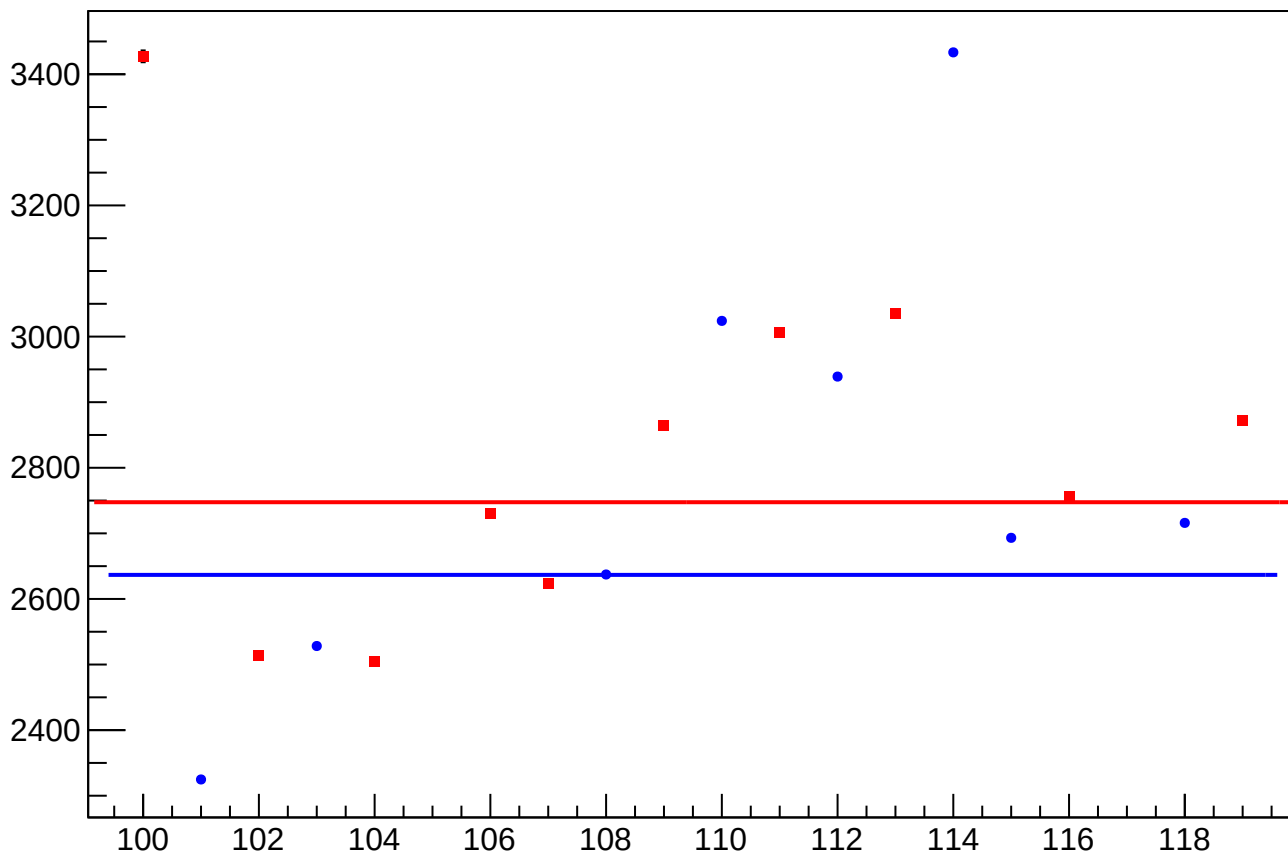
Right: 808.841+/-996.017 χ^2/NDF : 11.1/17

In: -256.840+/-1452.537 χ^2/NDF :3.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 808.841+/-996.017 χ^2/NDF : 11.1/17

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2636.688+/-1.027 χ^2/NDF : 62159.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2747.485+/-0.968 χ^2/NDF : 46990.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

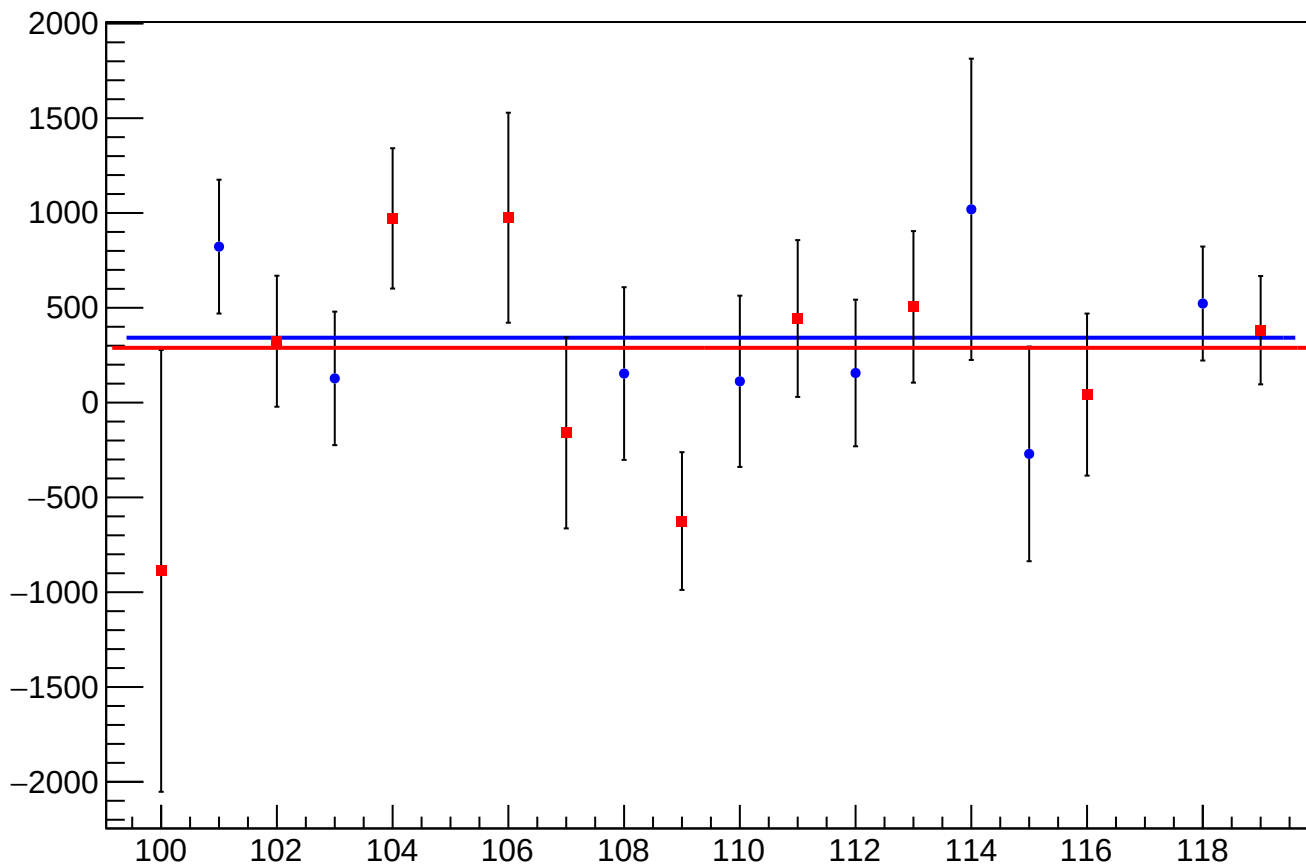
Right: 2695.389+/-0.704 χ^2/NDF : 115315.7/17

In: 2636.688+/-1.027 χ^2/NDF : 62159.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2695.389+/-0.704 χ^2/NDF : 115315.7/17

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 342.200 $\pm$ 143.915 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.889 $\pm$ 127.998 χ^2 /NDF: 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

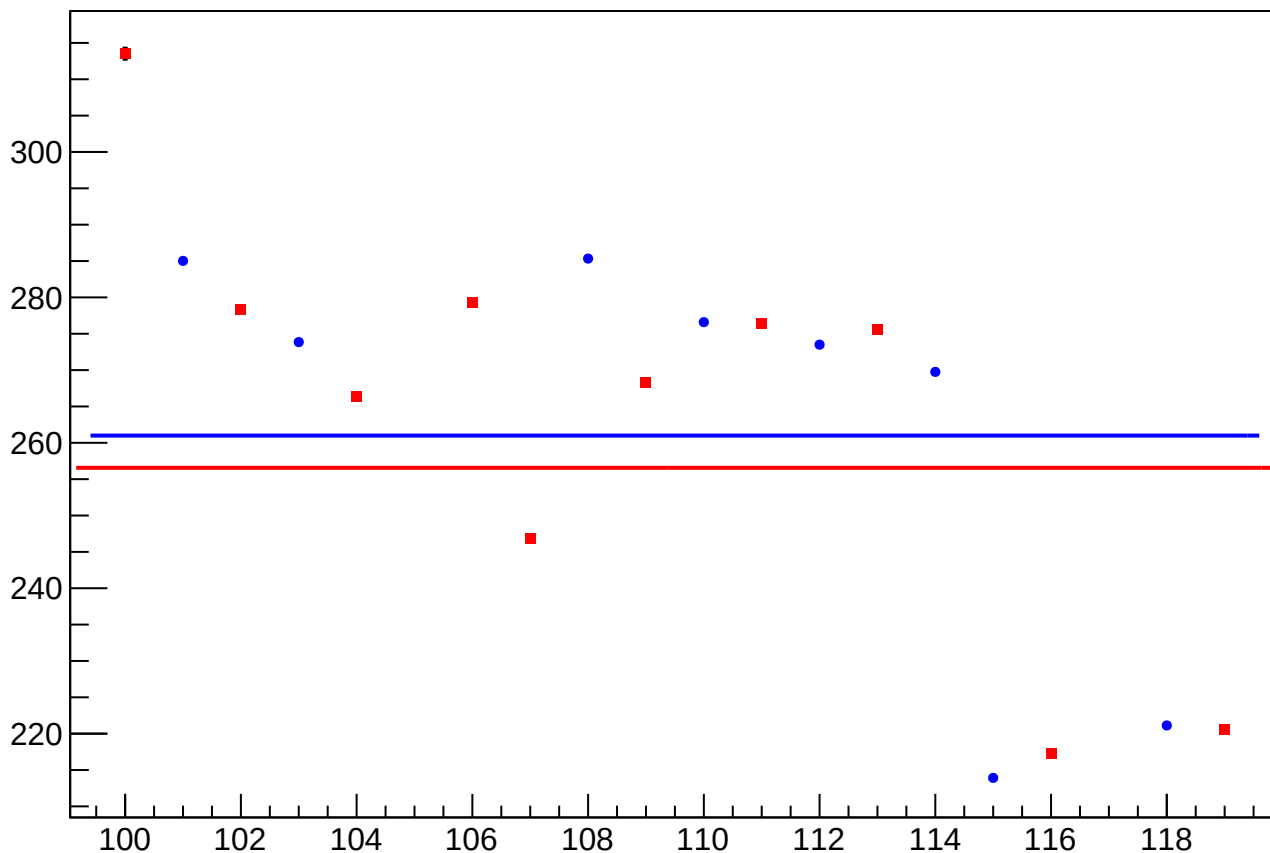
Right: 312.434 $\pm$ 95.643 χ^2 /NDF: 19.2/17

In: 342.200 $\pm$ 143.915 χ^2 /NDF:5.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 312.434 $\pm$ 95.643 χ^2 /NDF: 19.2/17

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 260.996 $\pm$ 0.102 χ^2 /NDF: 71375.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 256.564 $\pm$ 0.091 χ^2 /NDF: 78126.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

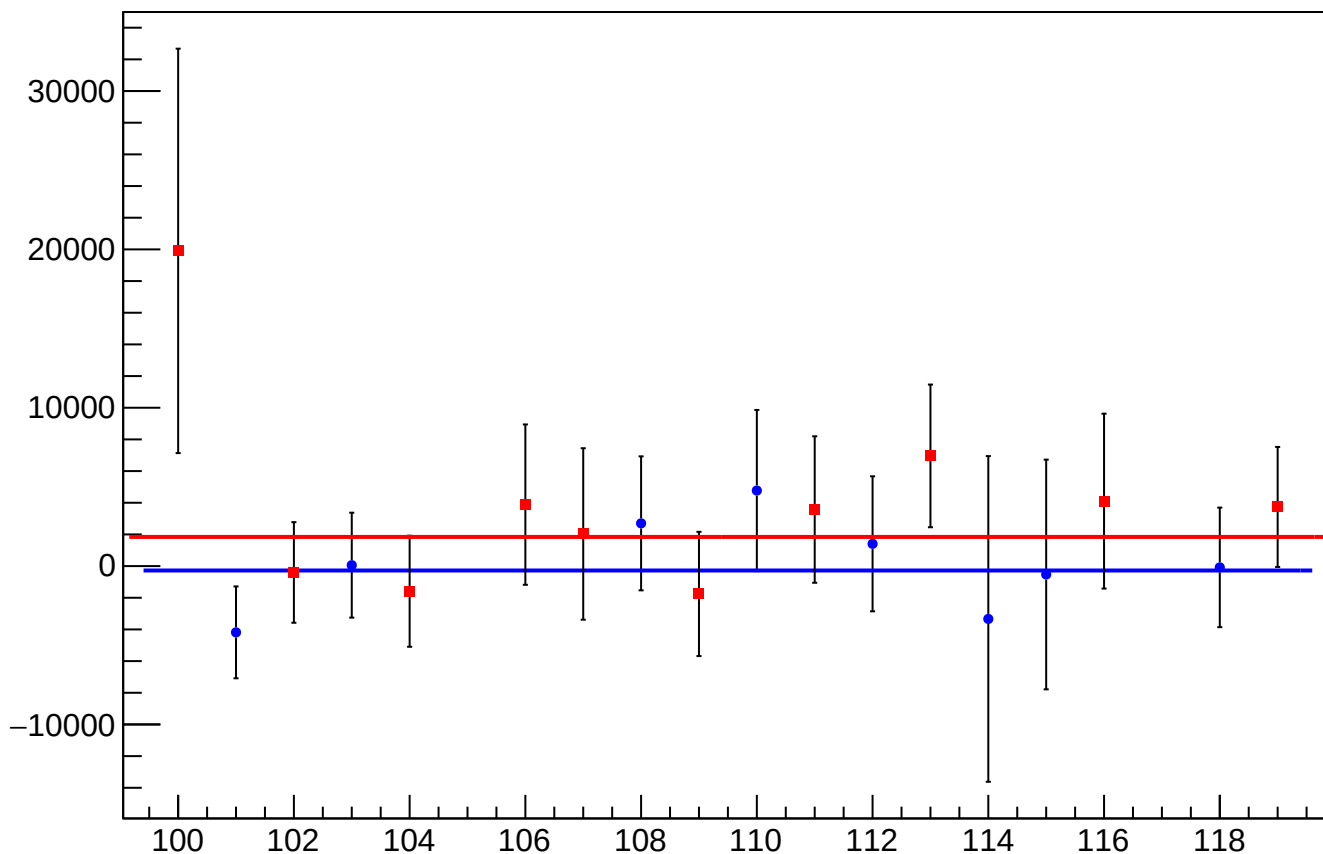
Right: 258.521 $\pm$ 0.068 χ^2 /NDF: 150560.6/17

In: 260.996 $\pm$ 0.102 χ^2 /NDF:71375.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.521 $\pm$ 0.068 χ^2 /NDF: 150560.6/17

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -277.762+/-1477.377 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.534+/-1382.576 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

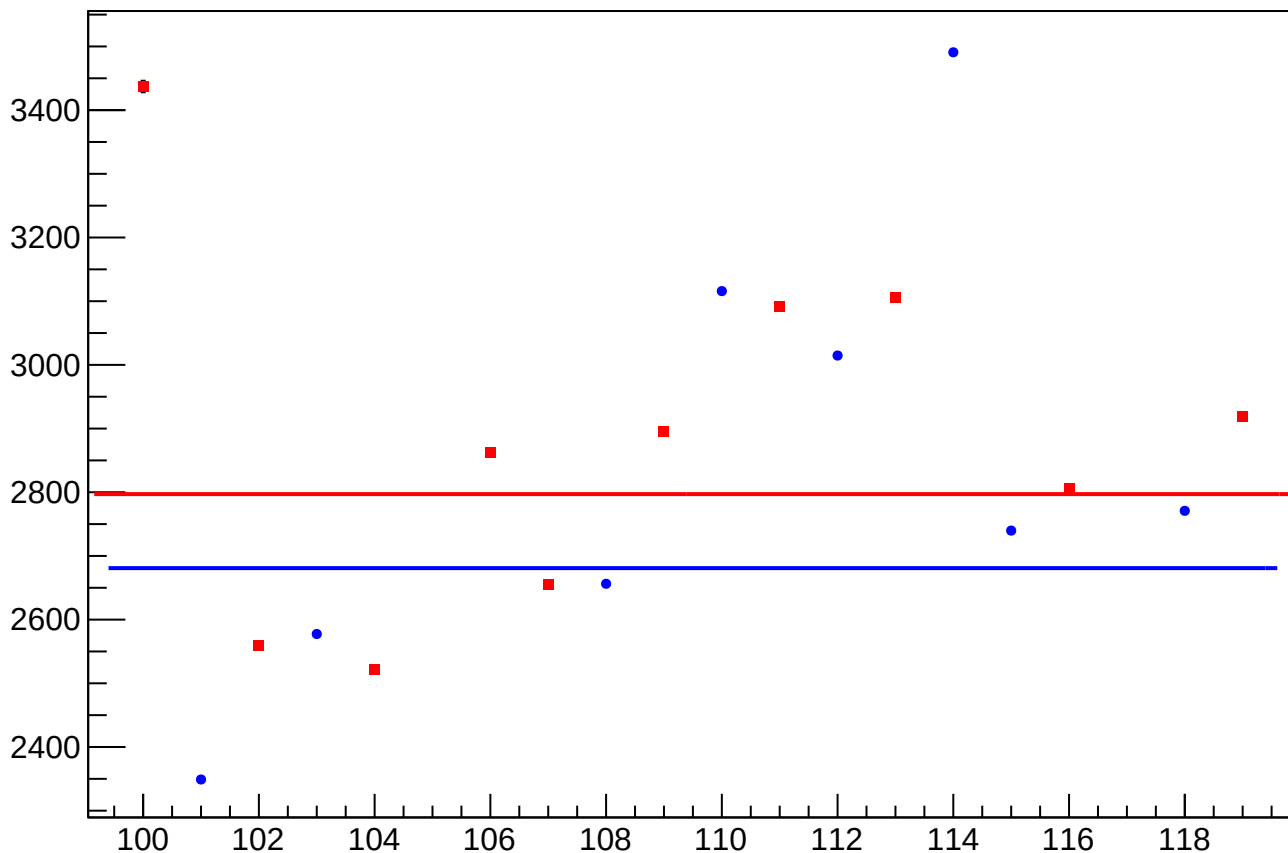
Right: 852.592+/-1009.481 χ^2/NDF : 11.0/17

In: -277.762+/-1477.377 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.592+/-1009.481 χ^2/NDF : 11.0/17

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2680.854+/-1.045 χ^2/NDF : 68759.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2797.094+/-0.978 χ^2/NDF : 50956.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

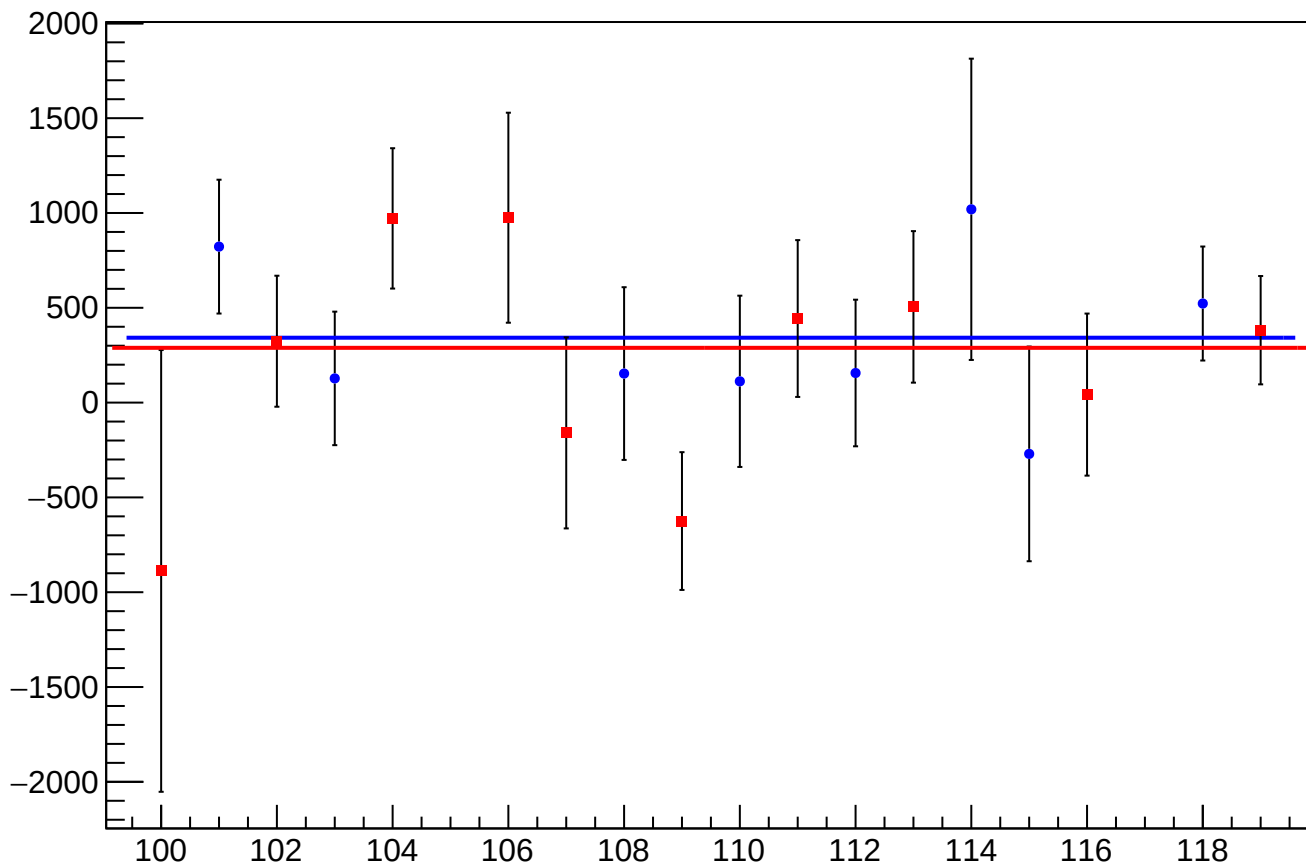
Right: 2742.823+/-0.714 χ^2/NDF : 126315.8/17

In: 2680.854+/-1.045 χ^2/NDF : 68759.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.823+/-0.714 χ^2/NDF : 126315.8/17

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 342.196+/-143.914 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.882+/-127.998 χ^2/NDF : 14.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

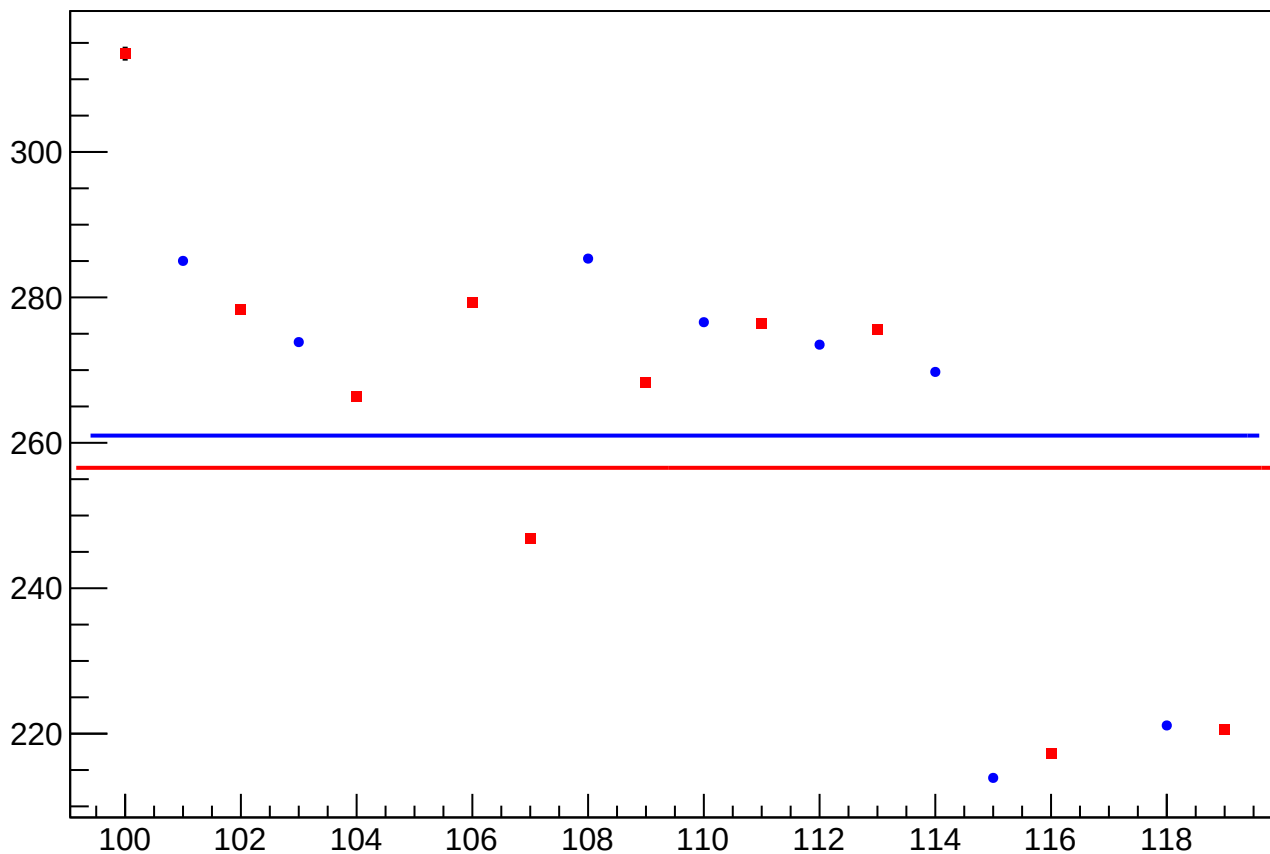
Right: 312.429+/-95.642 χ^2/NDF : 19.2/17

In: 342.196+/-143.914 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.429+/-95.642 χ^2/NDF : 19.2/17

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 260.994 $\pm$ 0.102 χ^2 /NDF: 71374.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.563 $\pm$ 0.091 χ^2 /NDF: 78123.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

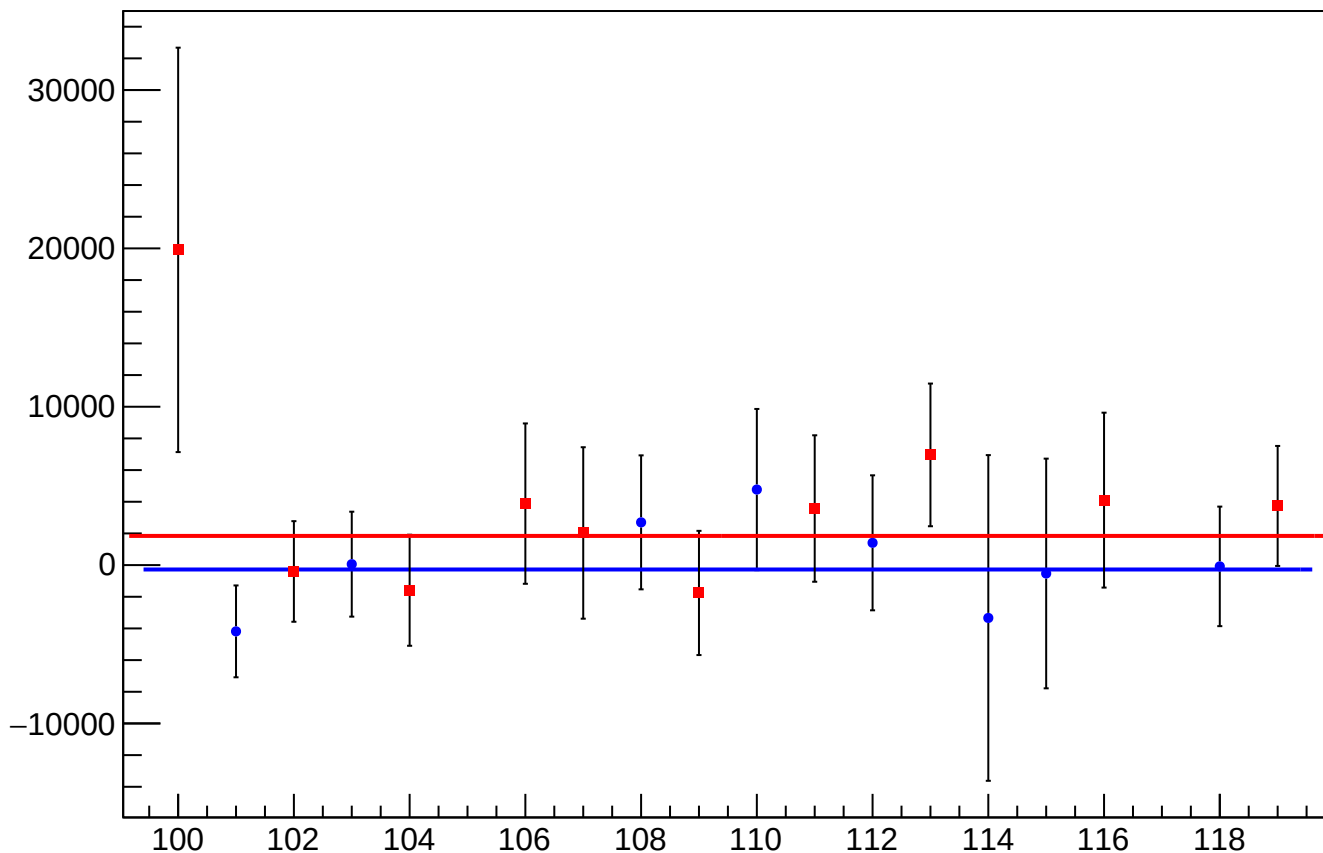
Right: 258.520 $\pm$ 0.068 χ^2 /NDF: 150557.2/17

In: 260.994 $\pm$ 0.102 χ^2 /NDF: 71374.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.520 $\pm$ 0.068 χ^2 /NDF: 150557.2/17

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -277.762+/-1477.374 χ^2/NDF : 3.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.529+/-1382.572 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

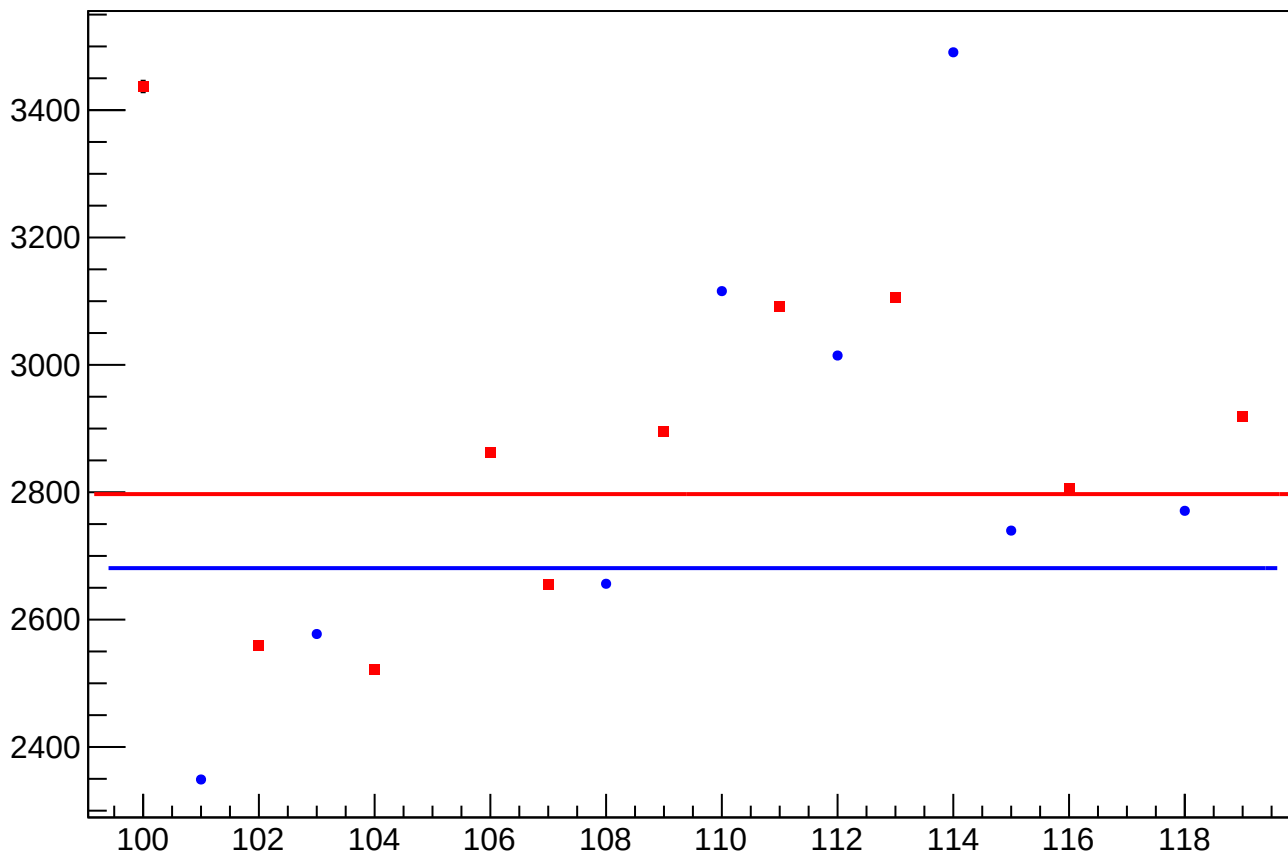
Right: 852.590+/-1009.478 χ^2/NDF : 11.0/17

In: -277.762+/-1477.374 χ^2/NDF : 3.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 852.590+/-1009.478 χ^2/NDF : 11.0/17

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2680.848+/-1.045 χ^2/NDF : 68757.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2797.086+/-0.978 χ^2/NDF : 50955.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

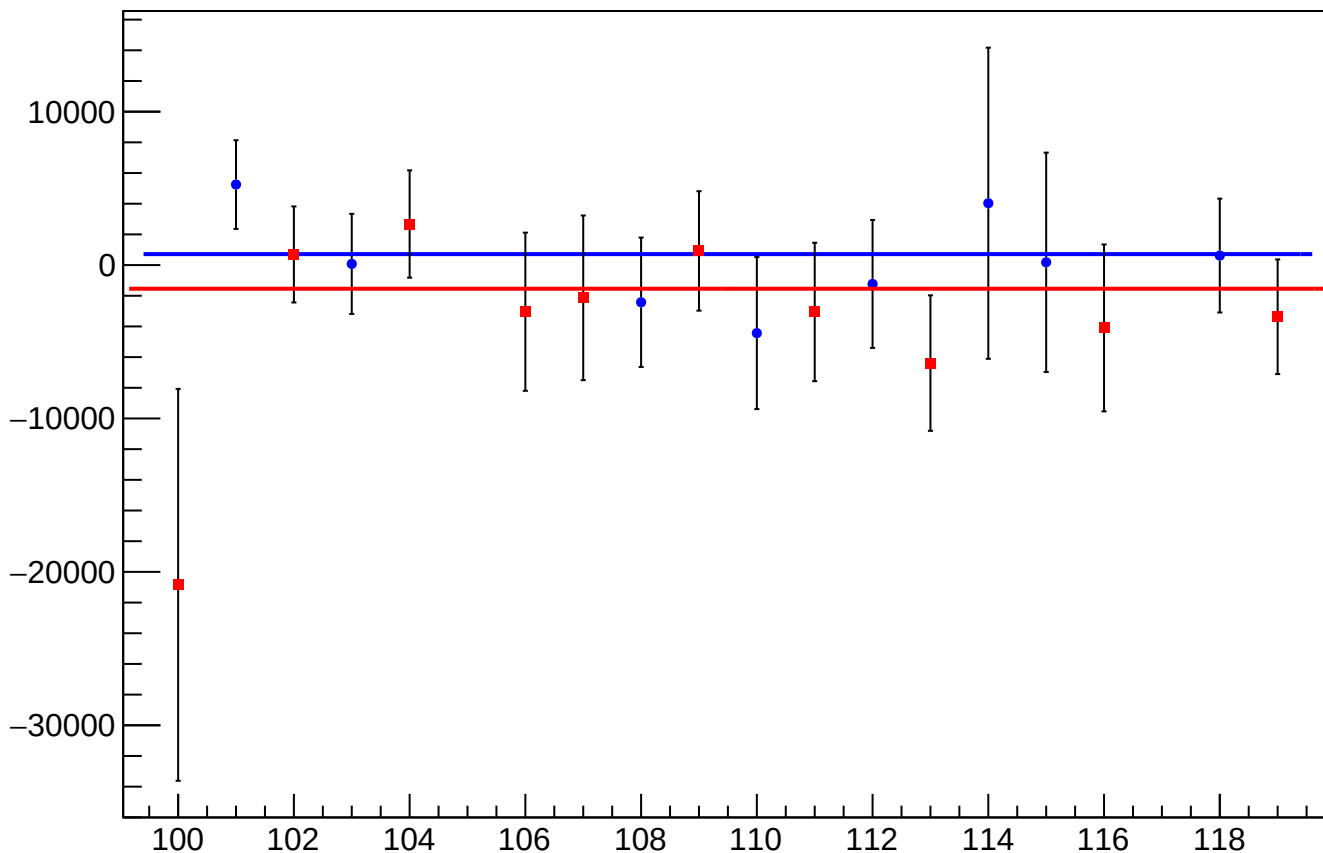
Right: 2742.816+/-0.714 χ^2/NDF : 126313.7/17

In: 2680.848+/-1.045 χ^2/NDF : 68757.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2742.816+/-0.714 χ^2/NDF : 126313.7/17

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 714.194+/-1458.538 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1542.109+/-1368.592 χ^2/NDF : 6.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

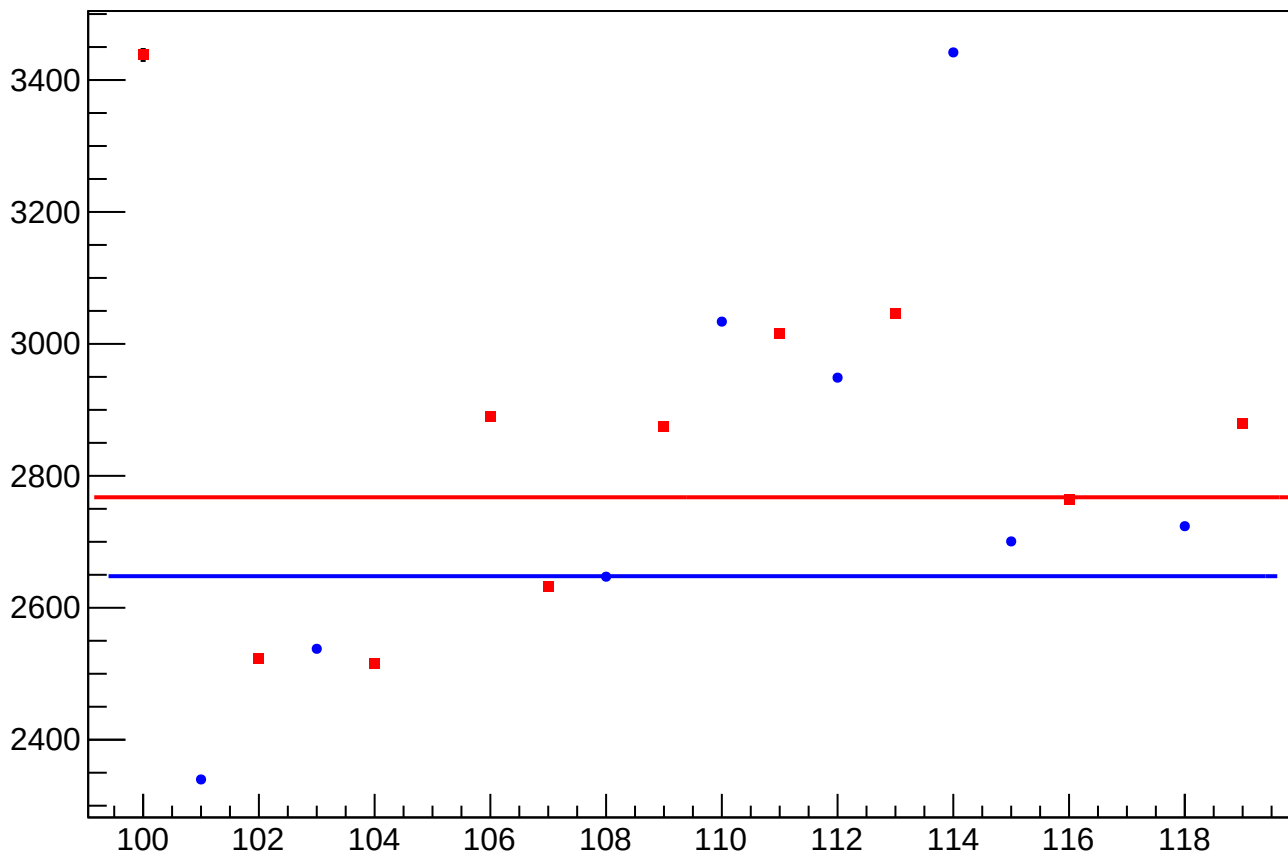
Right: -485.670+/-998.024 χ^2/NDF : 12.3/17

In: 714.194+/-1458.538 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.670+/-998.024 χ^2/NDF : 12.3/17

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2647.900+/-1.031 χ^2/NDF : 60764.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2767.526+/-0.968 χ^2/NDF : 47749.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

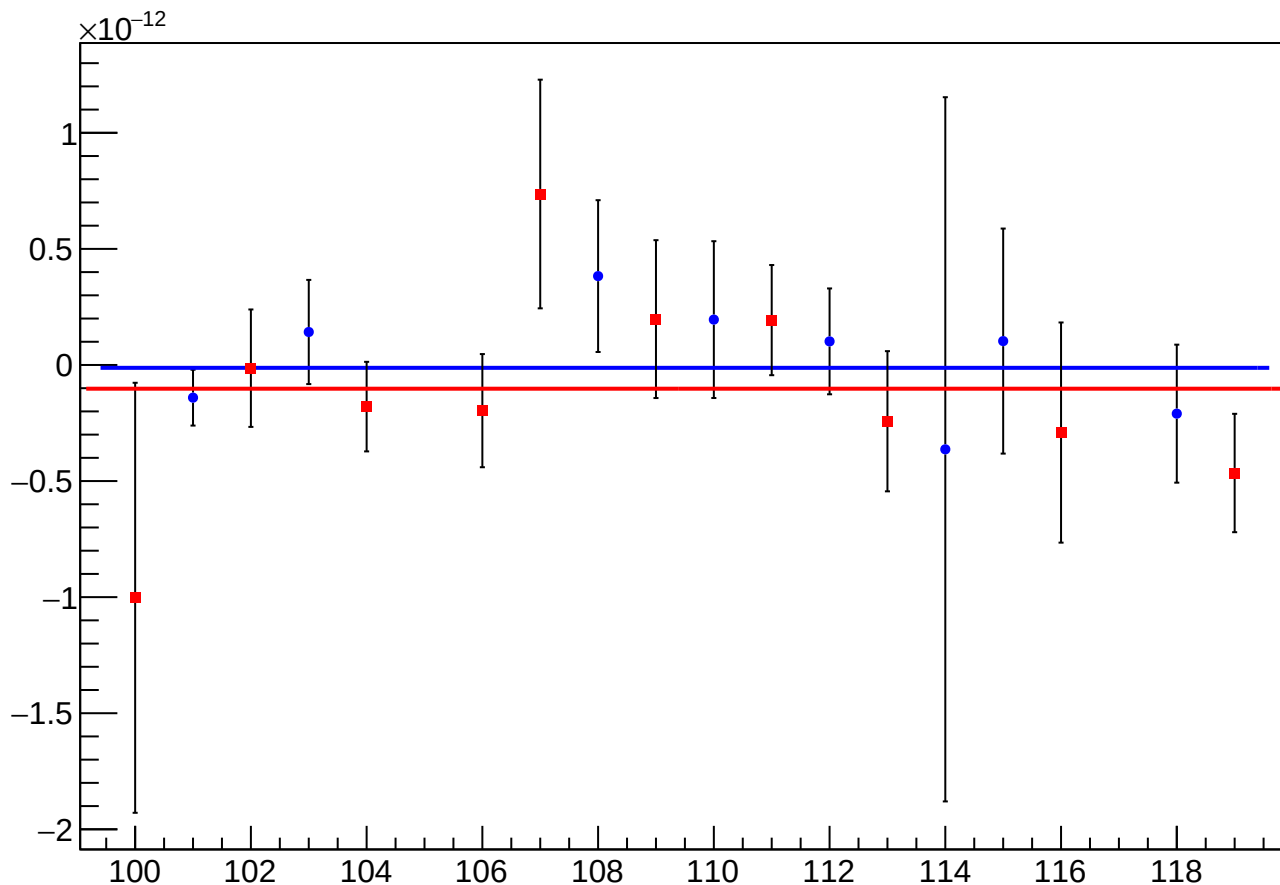
Right: 2711.515+/-0.706 χ^2/NDF : 115669.1/17

In: 2647.900+/-1.031 χ^2/NDF : 60764.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2711.515+/-0.706 χ^2/NDF : 115669.1/17

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

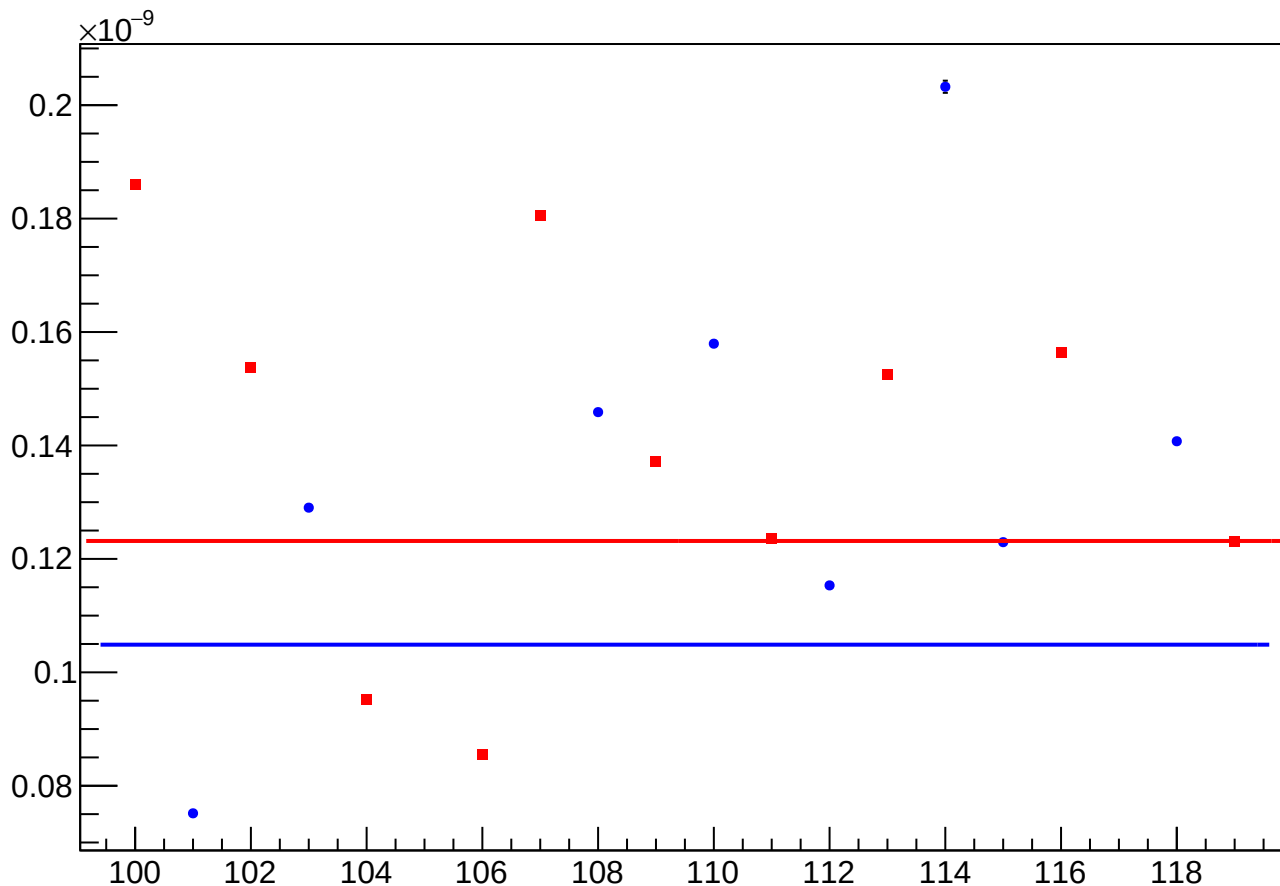
Right: -0.000+/-0.000 χ^2/NDF : 13.8/17

In: -0.000+/-0.000 χ^2/NDF :4.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/17

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 270800.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 187447.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

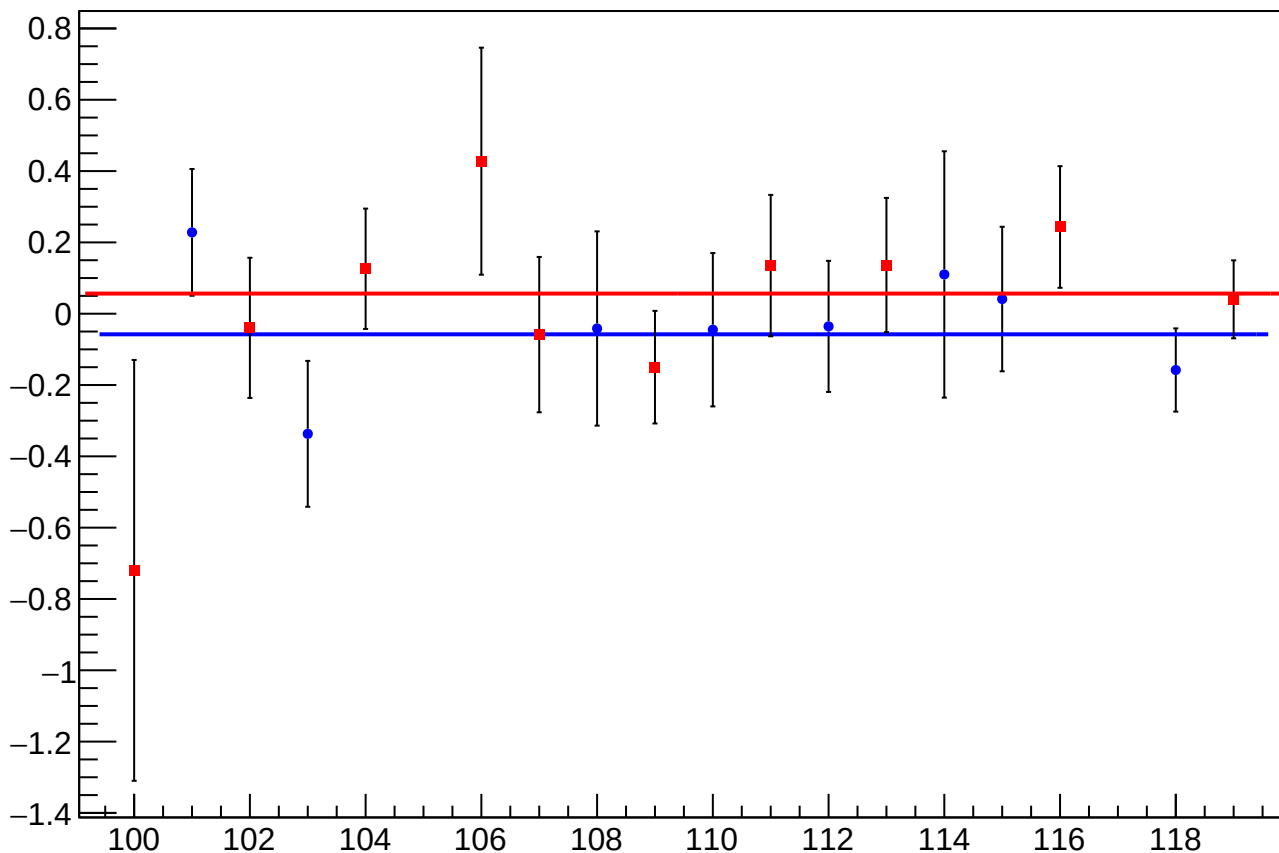
Right: 0.000+/-0.000 χ^2/NDF : 502150.0/17

In: 0.000+/-0.000 χ^2/NDF : 270800.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 502150.0/17

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.066 $\chi^2/\text{NDF}: 5.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.056 ± 0.057 $\chi^2/\text{NDF}: 7.0/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

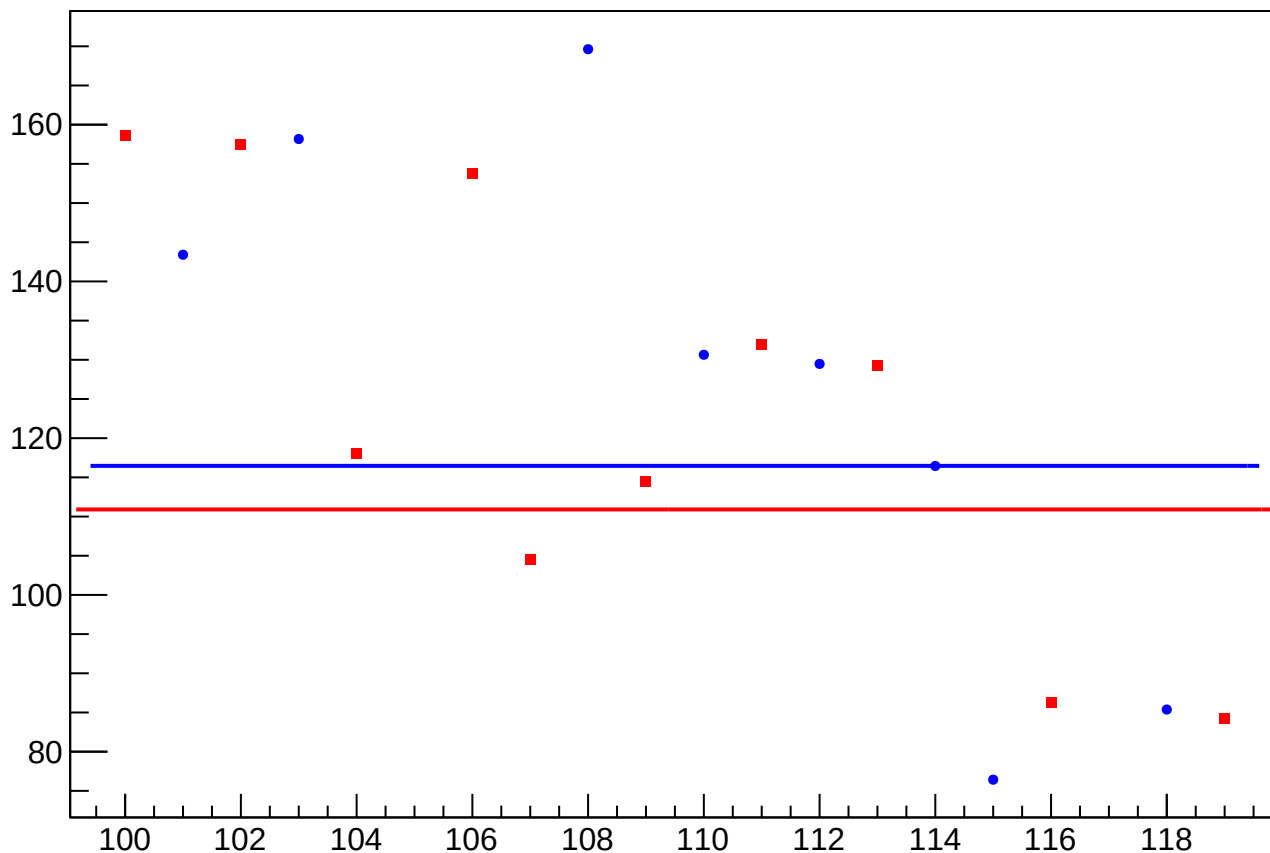
Right: 0.008 ± 0.043 $\chi^2/\text{NDF}: 14.4/17$

In: -0.058 ± 0.066 $\chi^2/\text{NDF}: 5.7/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.008 ± 0.043 $\chi^2/\text{NDF}: 14.4/17$

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.467 $\pm$ 0.047 χ^2 /NDF: 443933.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.908 $\pm$ 0.040 χ^2 /NDF: 370241.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

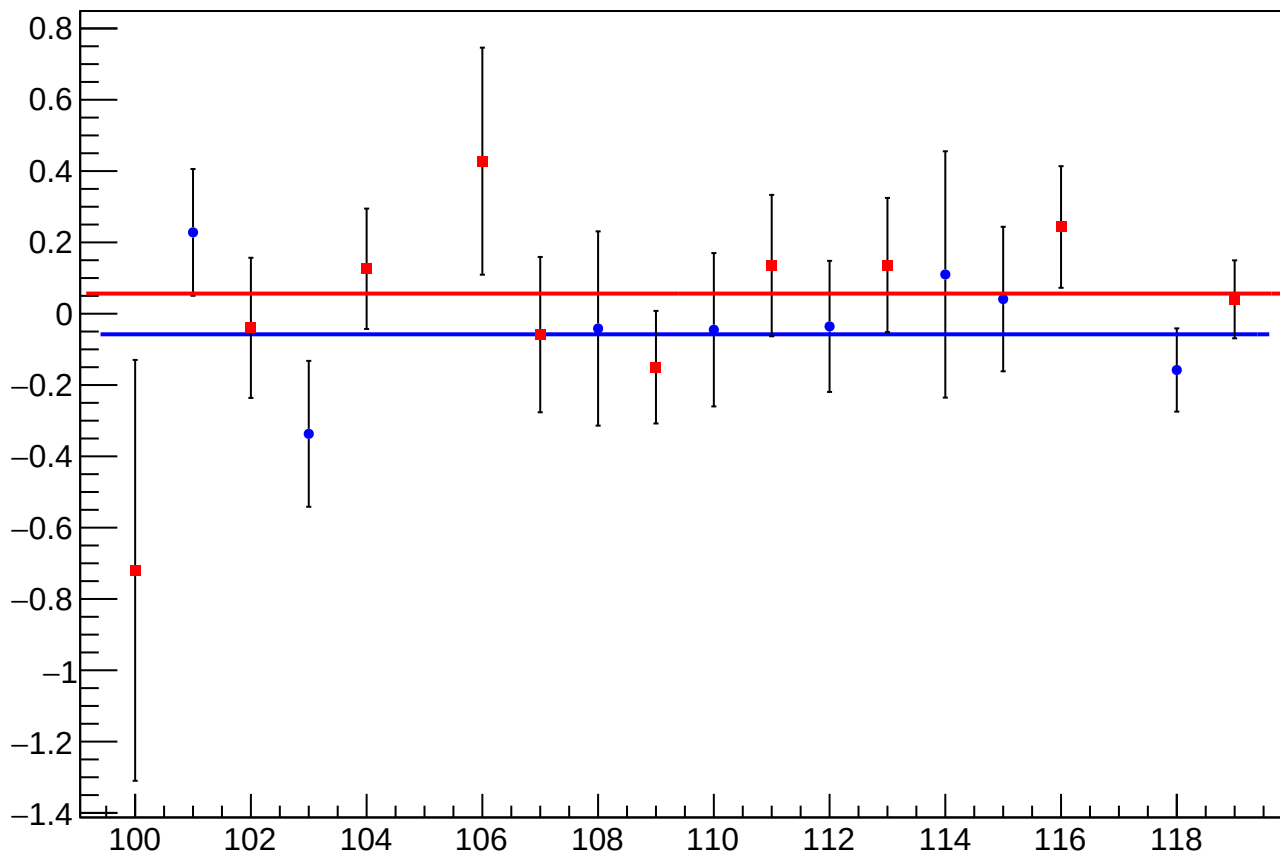
Right: 113.269 $\pm$ 0.031 χ^2 /NDF: 822224.5/17

In: 116.467 $\pm$ 0.047 χ^2 /NDF:443933.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.269 $\pm$ 0.031 χ^2 /NDF: 822224.5/17

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.066 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.056+/-0.057 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

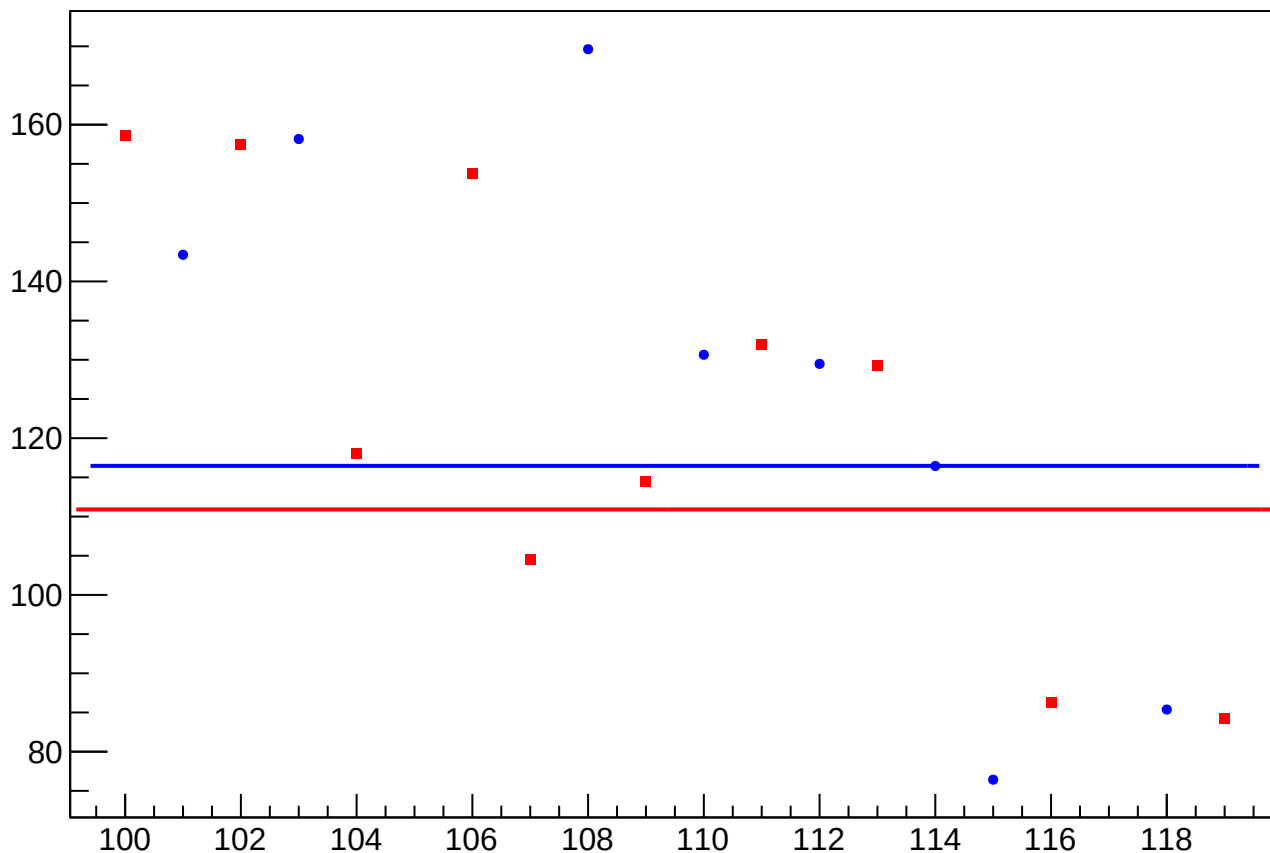
Right: 0.008+/-0.043 χ^2/NDF : 14.4/17

In: -0.058+/-0.066 χ^2/NDF :5.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.043 χ^2/NDF : 14.4/17

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.467 $\pm$ 0.047 χ^2 /NDF: 443933.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.908 $\pm$ 0.040 χ^2 /NDF: 370241.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

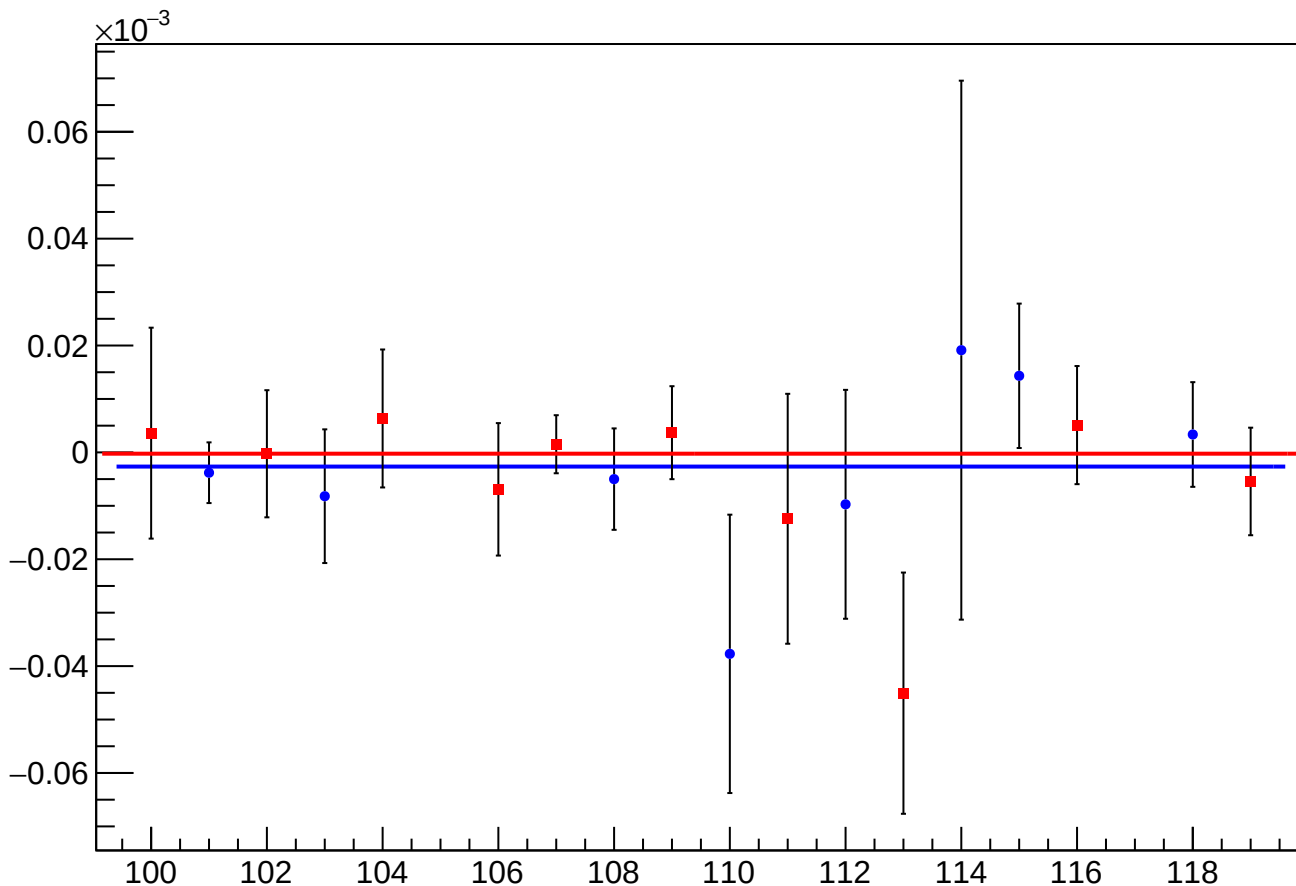
Right: 113.269 $\pm$ 0.031 χ^2 /NDF: 822224.5/17

In: 116.467 $\pm$ 0.047 χ^2 /NDF:443933.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.269 $\pm$ 0.031 χ^2 /NDF: 822224.5/17

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

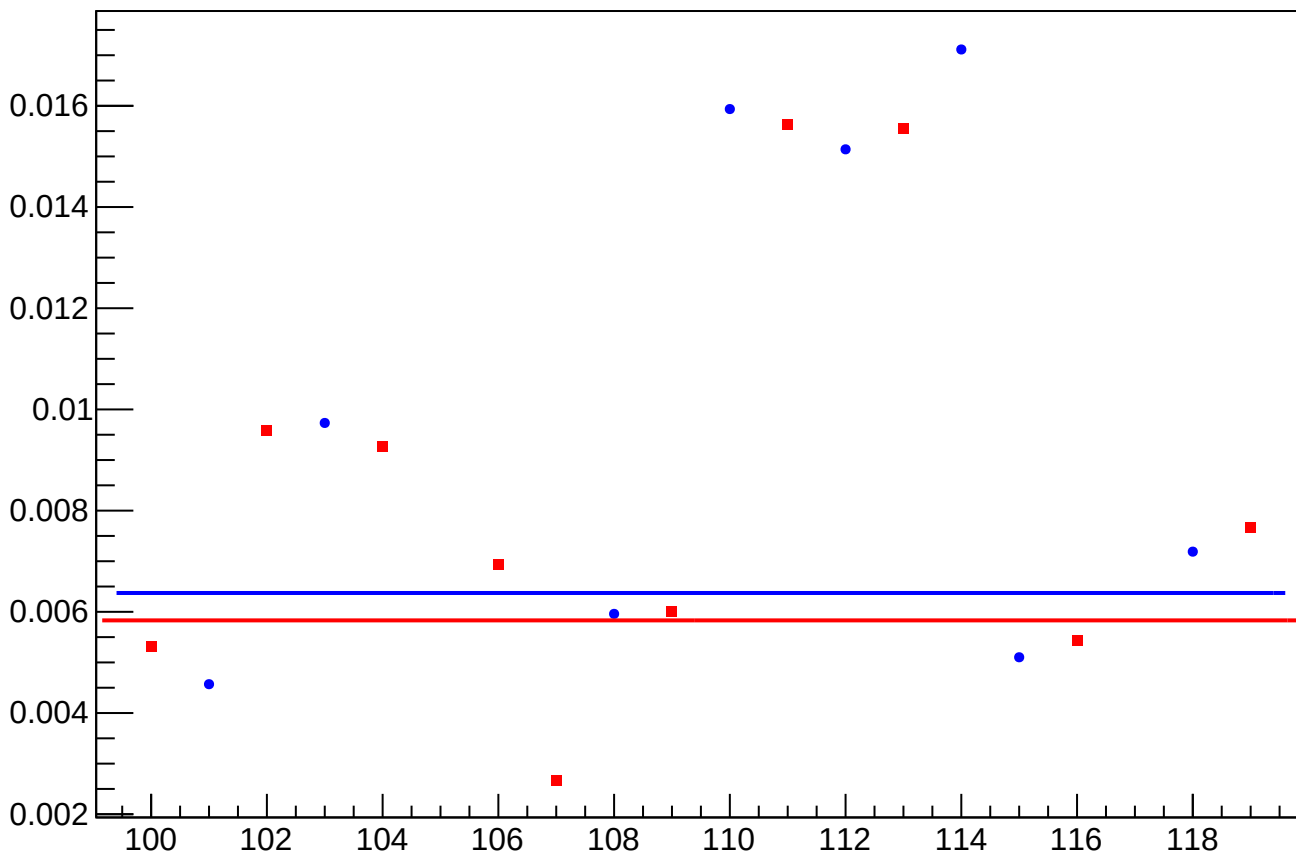
Right: -0.000+/-0.000 χ^2/NDF : 10.2/17

In: -0.000+/-0.000 χ^2/NDF :4.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.2/17

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 1076528.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1828603.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

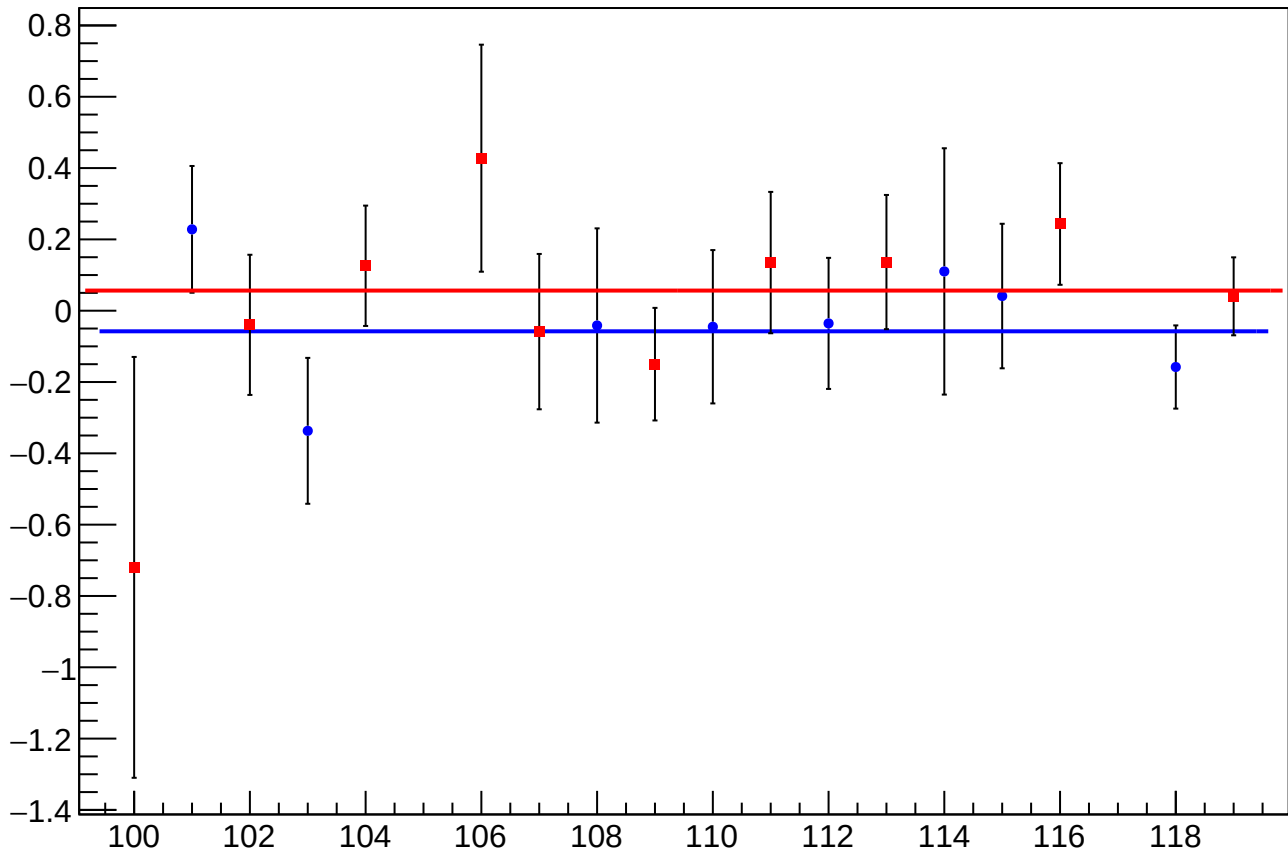
Right: 0.006+/-0.000 χ^2/NDF : 2928047.1/17

In: 0.006+/-0.000 χ^2/NDF :1076528.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2928047.1/17

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058 ± 0.066 χ^2/NDF : 5.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.056 ± 0.057 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

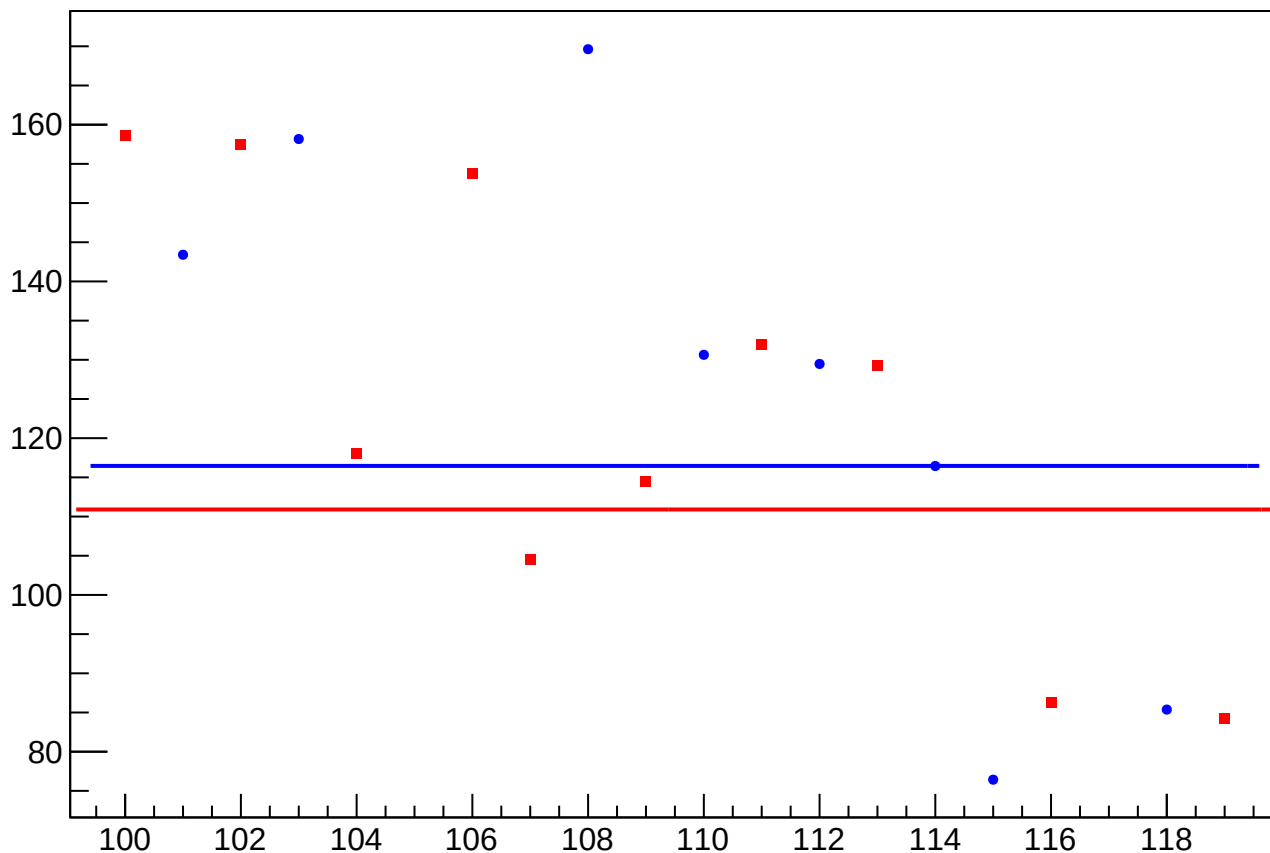
Right: 0.008 ± 0.043 χ^2/NDF : 14.4/17

In: -0.058 ± 0.066 χ^2/NDF : 5.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.008 ± 0.043 χ^2/NDF : 14.4/17

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.463+/-0.047 χ^2/NDF : 443941.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.904+/-0.040 χ^2/NDF : 370247.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

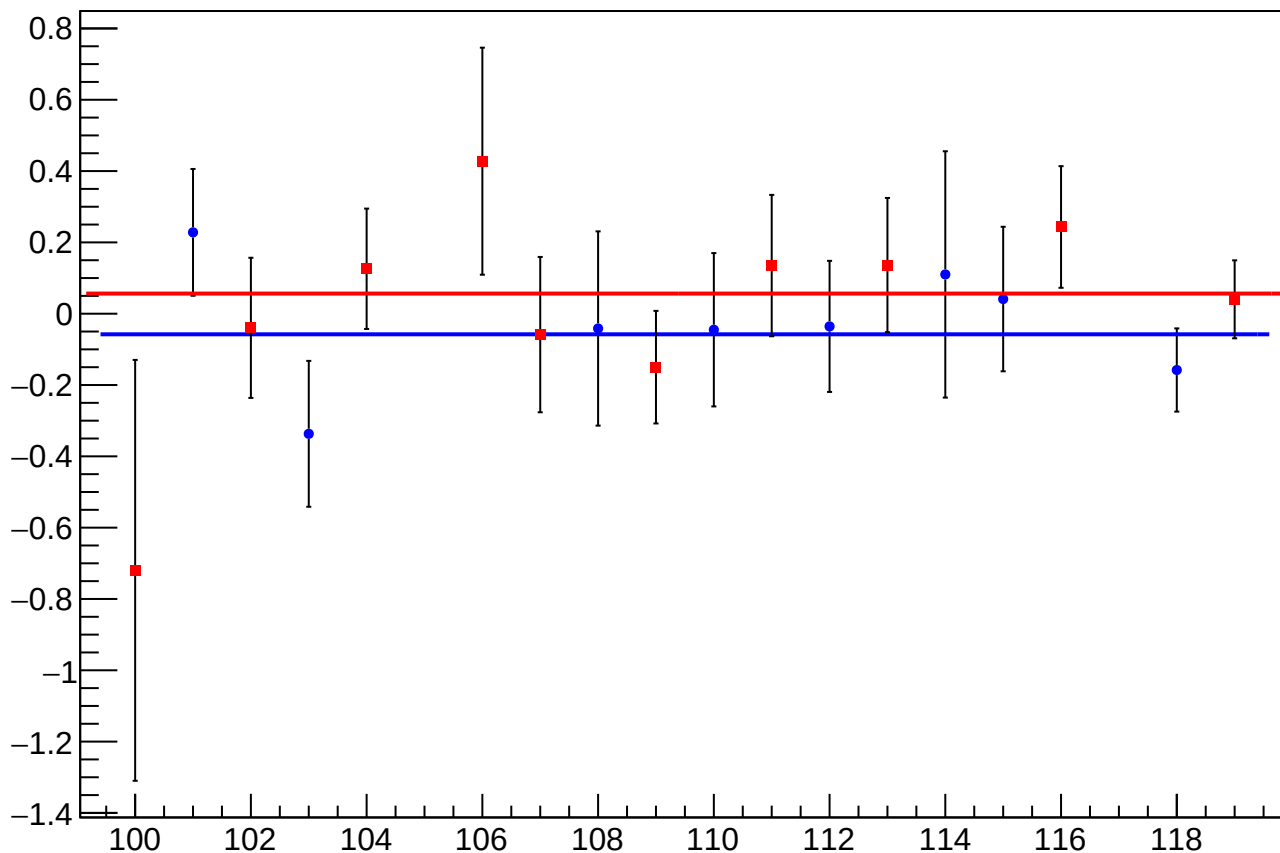
Right: 113.265+/-0.031 χ^2/NDF : 822238.5/17

In: 116.463+/-0.047 χ^2/NDF :443941.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.265+/-0.031 χ^2/NDF : 822238.5/17

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.058+/-0.066 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.056+/-0.057 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

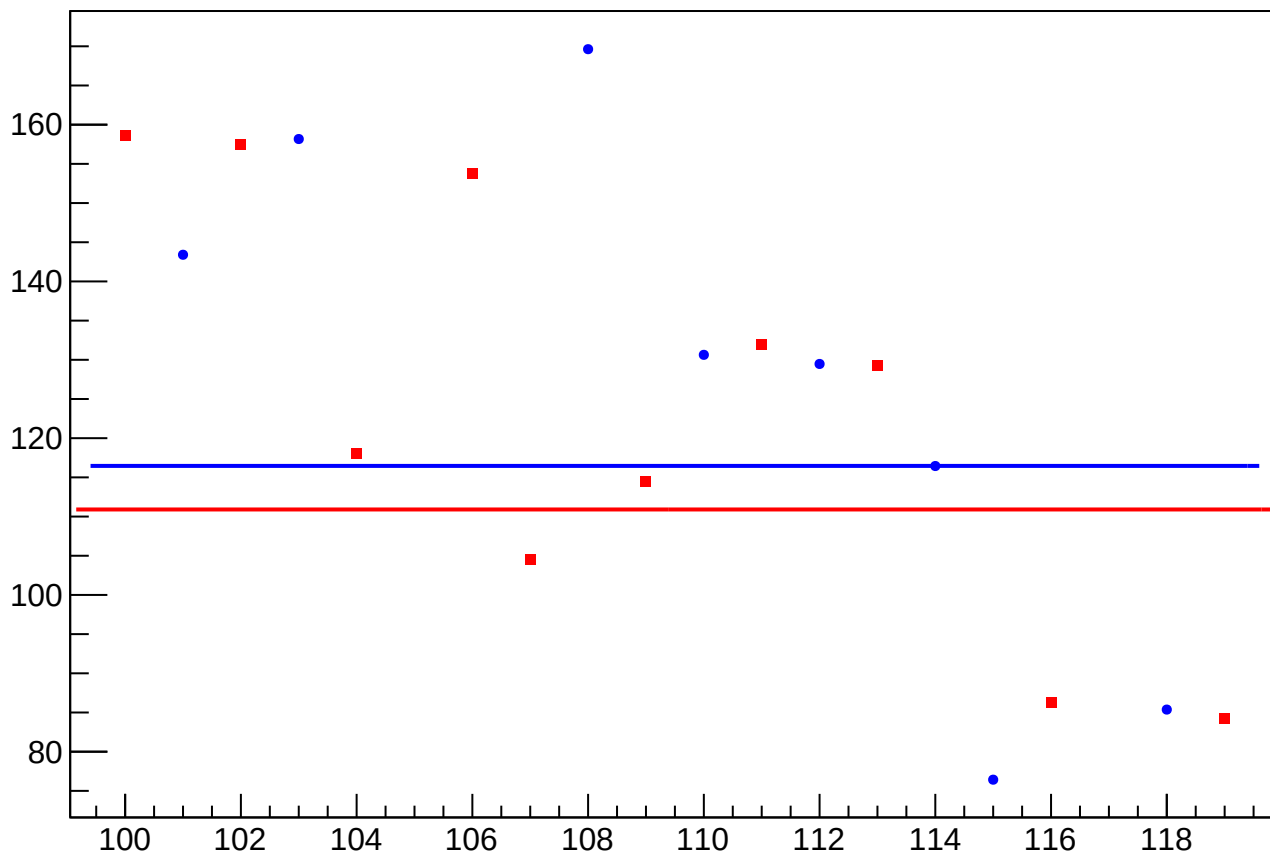
Right: 0.008+/-0.043 χ^2/NDF : 14.4/17

In: -0.058+/-0.066 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.043 χ^2/NDF : 14.4/17

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.463 $\pm$ 0.047 χ^2 /NDF: 443941.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.904 $\pm$ 0.040 χ^2 /NDF: 370247.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

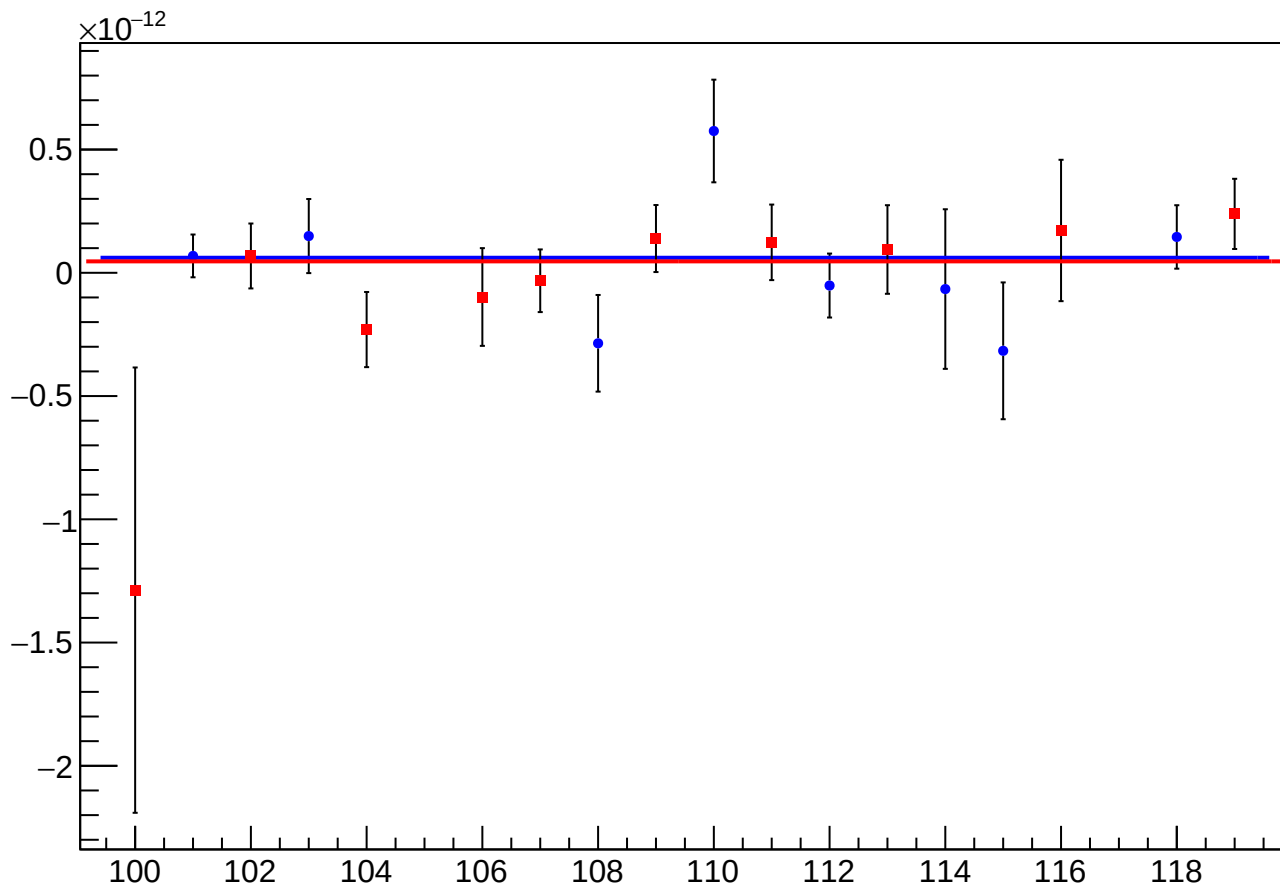
Right: 113.265 $\pm$ 0.031 χ^2 /NDF: 822238.5/17

In: 116.463 $\pm$ 0.047 χ^2 /NDF:443941.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 113.265 $\pm$ 0.031 χ^2 /NDF: 822238.5/17

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

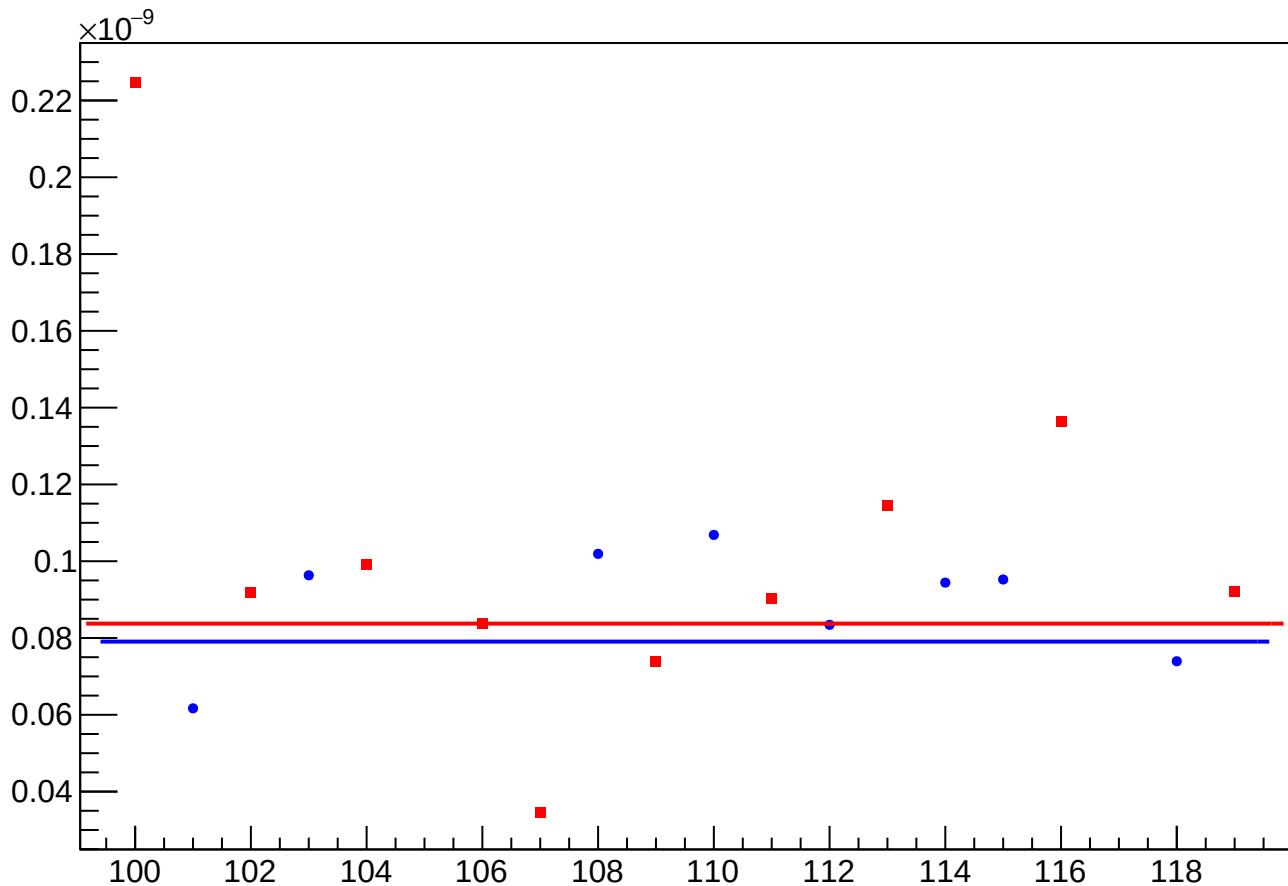
Right: 0.000+/-0.000 χ^2/NDF : 22.0/17

In: 0.000+/-0.000 χ^2/NDF : 12.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.0/17

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 186168.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 522961.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

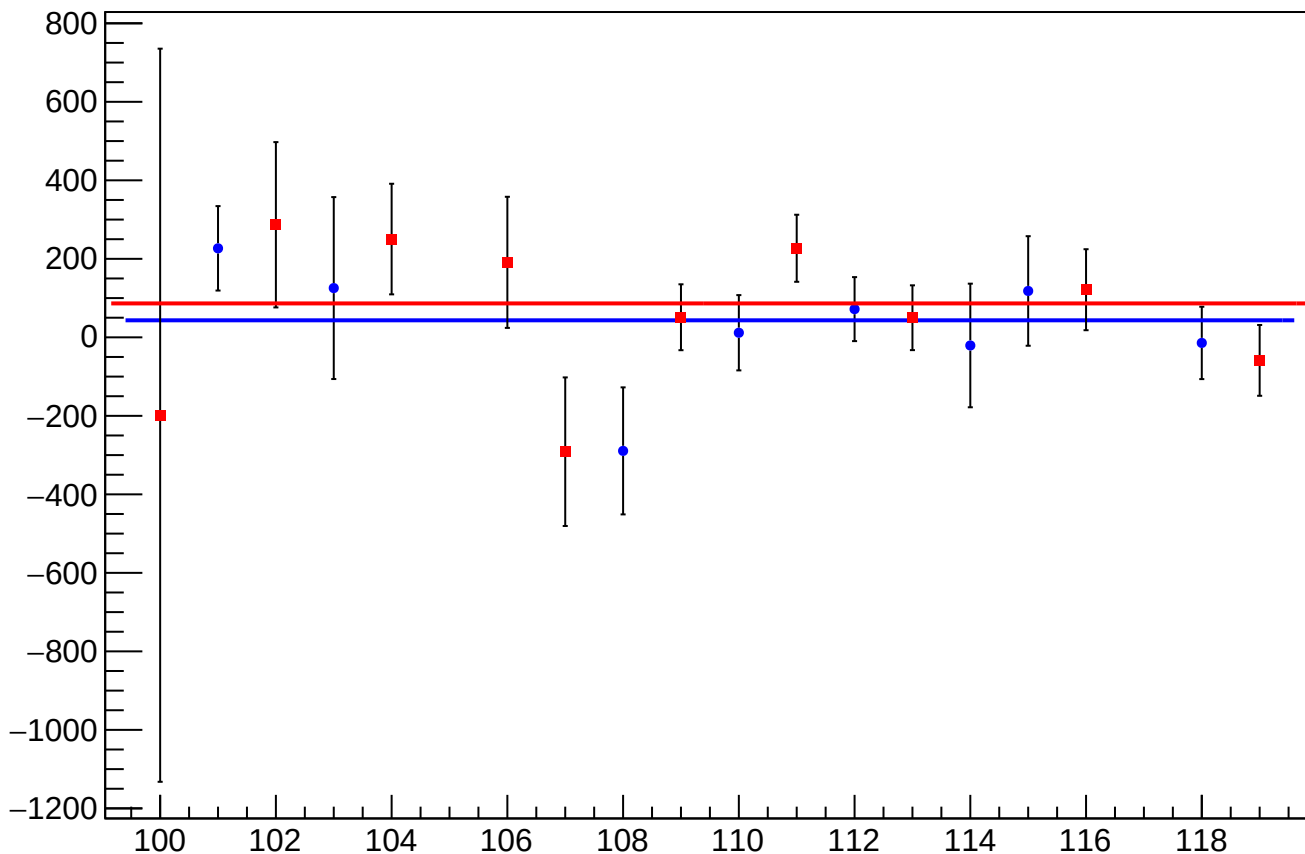
Right: 0.000+/-0.000 χ^2/NDF : 717328.4/17

In: 0.000+/-0.000 χ^2/NDF : 186168.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 717328.4/17

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 43.374+/-40.428 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.421+/-35.794 χ^2/NDF : 12.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

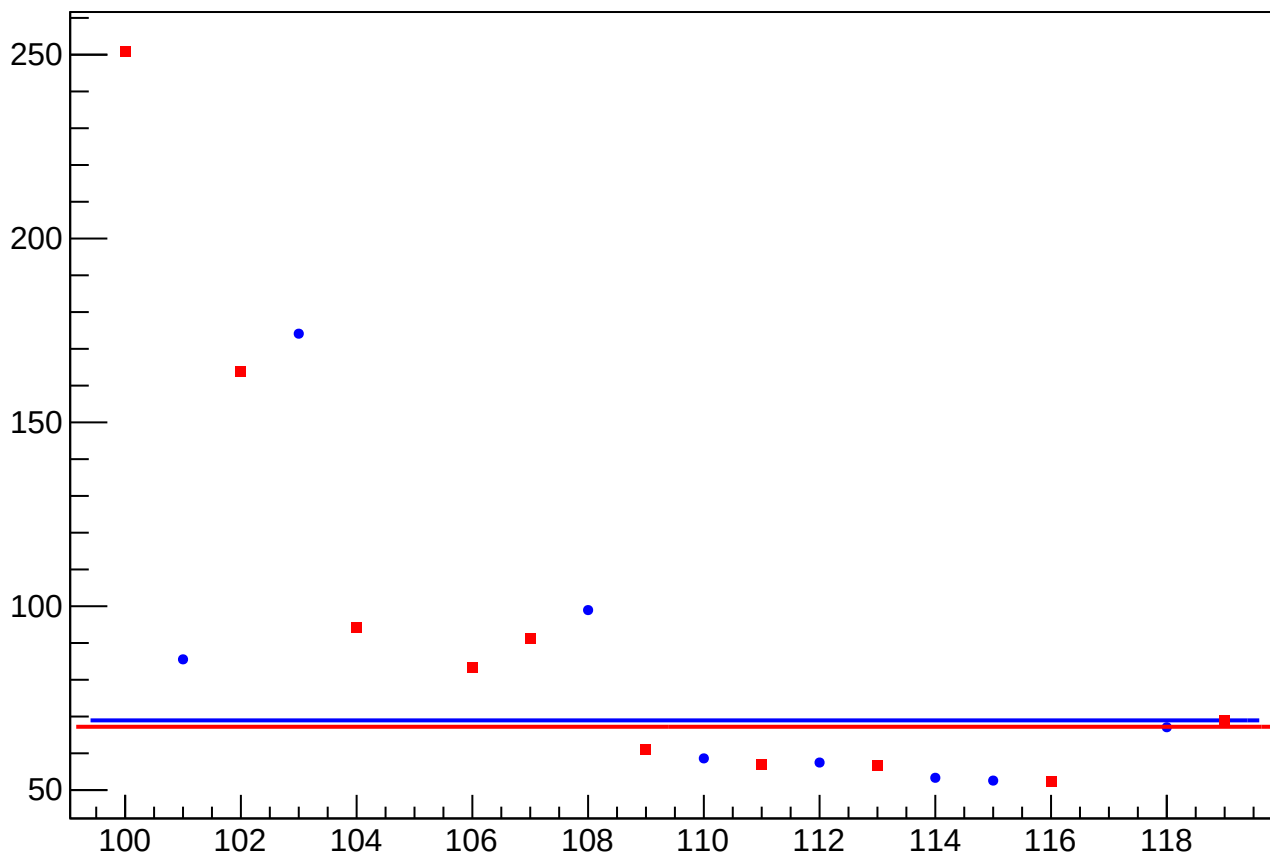
Right: 67.505+/-26.800 χ^2/NDF : 21.5/17

In: 43.374+/-40.428 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.505+/-26.800 χ^2/NDF : 21.5/17

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.956+/-0.029 χ^2/NDF : 639051.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.216+/-0.025 χ^2/NDF : 736720.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

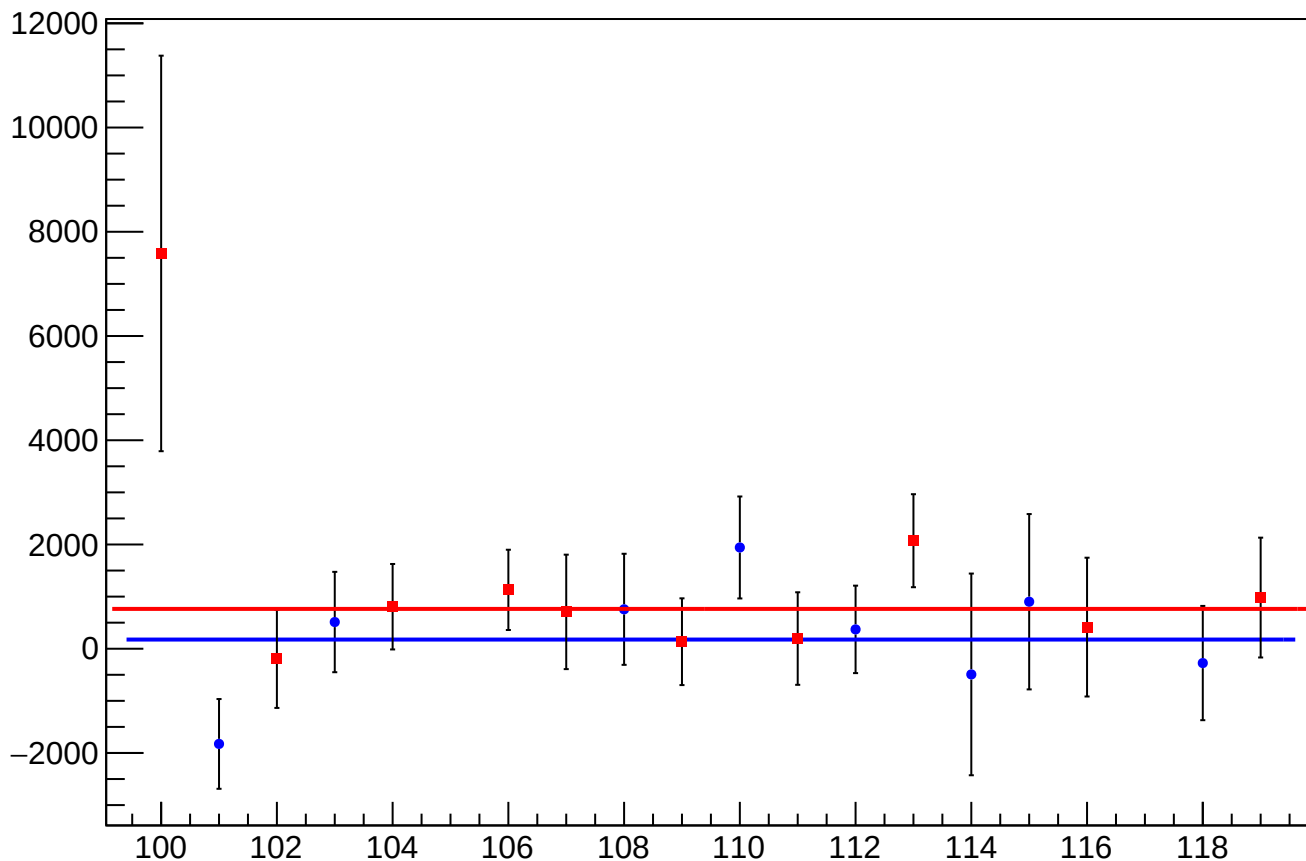
Right: 67.981+/-0.019 χ^2/NDF : 1377849.4/17

In: 68.956+/-0.029 χ^2/NDF : 639051.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.981+/-0.019 χ^2/NDF : 1377849.4/17

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 176.000+/-372.007 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 764.152+/-308.699 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

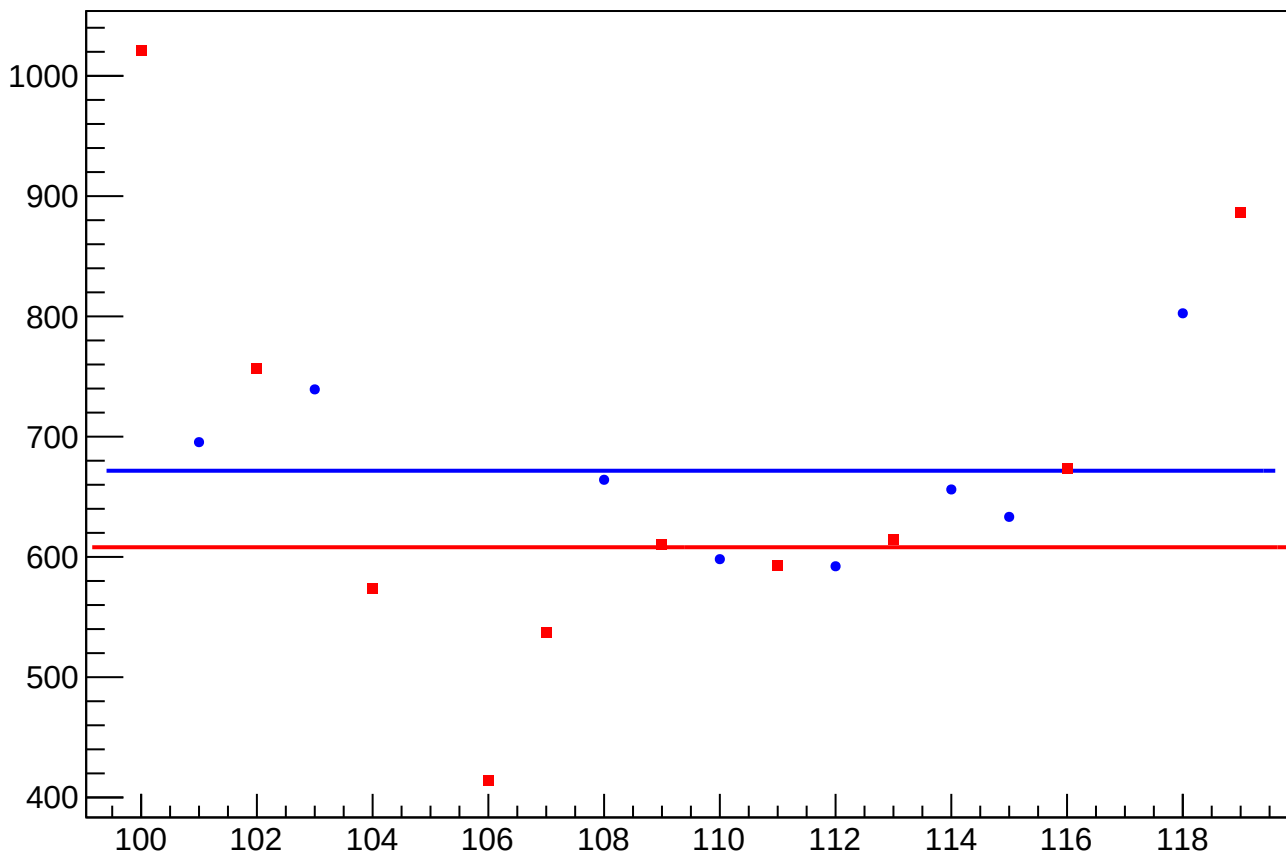
Right: 524.308+/-237.559 χ^2/NDF : 18.8/17

In: 176.000+/-372.007 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.308+/-237.559 χ^2/NDF : 18.8/17

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 671.661+/-0.263 χ^2/NDF : 70407.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.051+/-0.218 χ^2/NDF : 334741.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

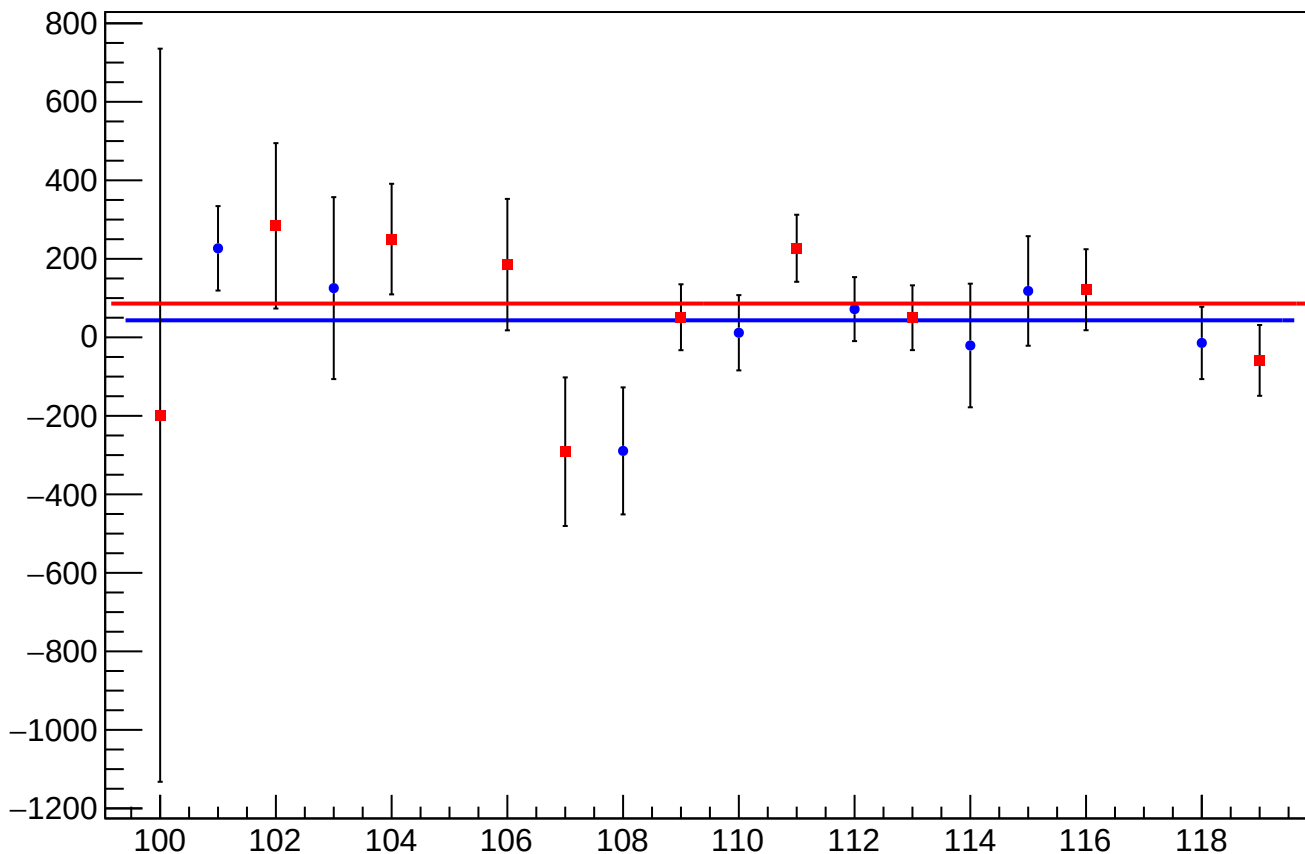
Right: 633.991+/-0.168 χ^2/NDF : 439779.4/17

In: 671.661+/-0.263 χ^2/NDF : 70407.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 633.991+/-0.168 χ^2/NDF : 439779.4/17

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 43.363+/-40.428 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.033+/-35.799 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

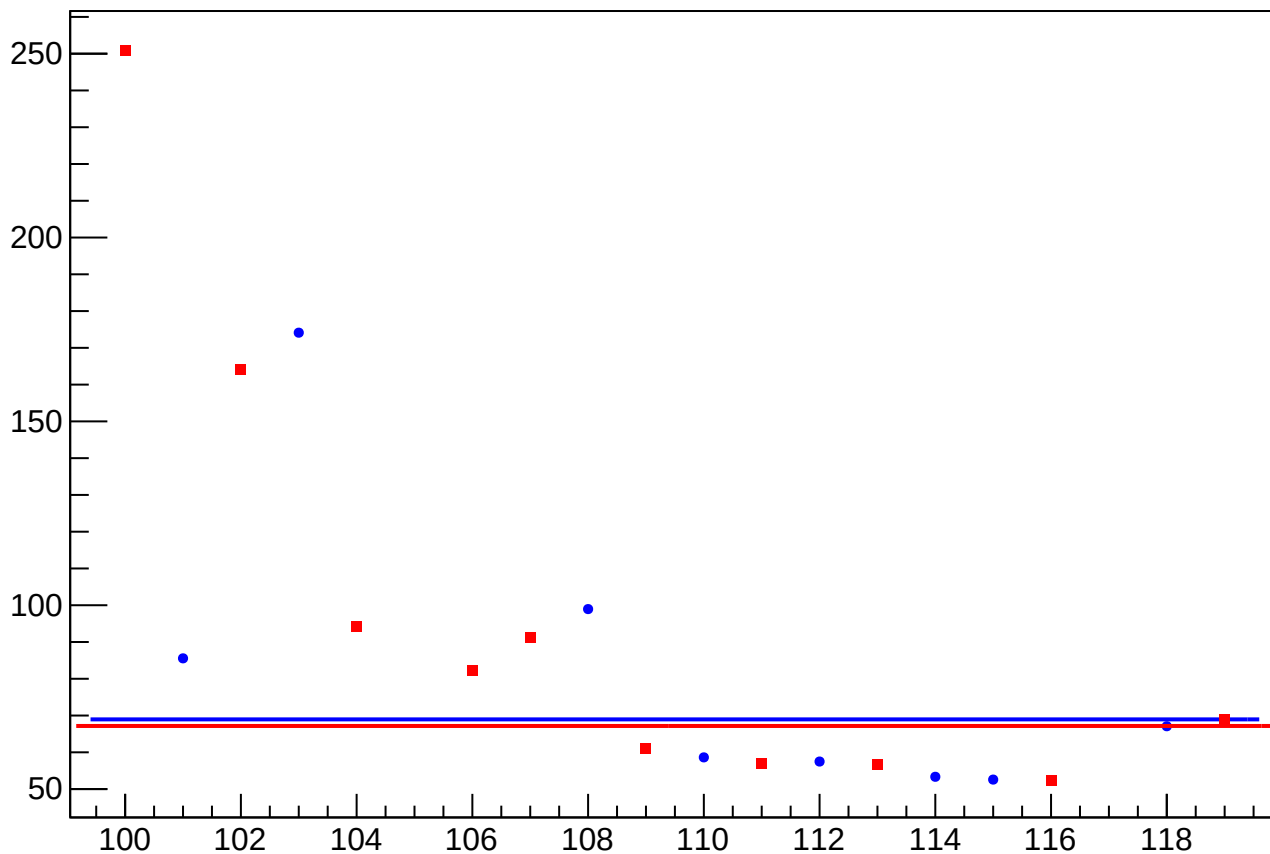
Right: 67.280+/-26.801 χ^2/NDF : 21.4/17

In: 43.363+/-40.428 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.280+/-26.801 χ^2/NDF : 21.4/17

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.956+/-0.029 χ^2/NDF : 639053.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.165+/-0.025 χ^2/NDF : 734535.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

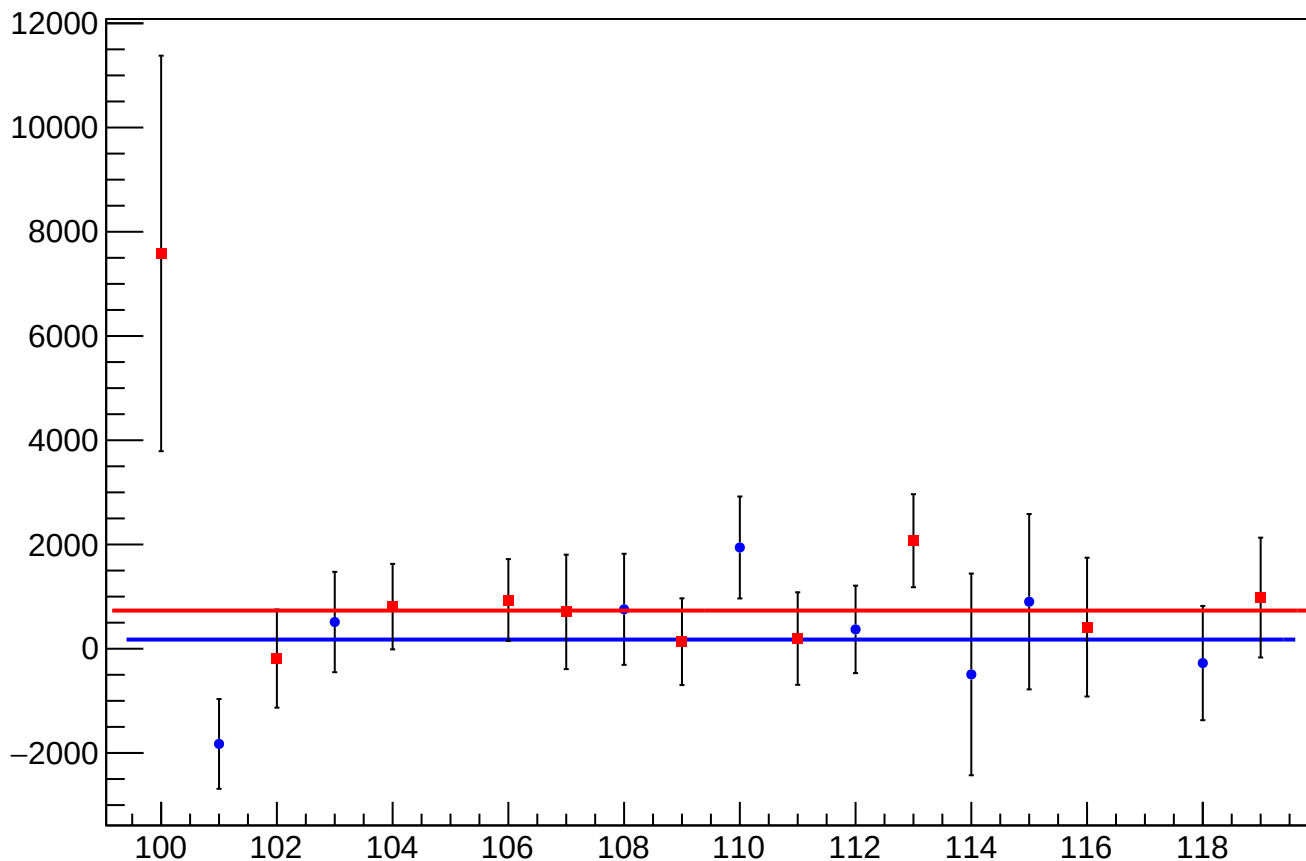
Right: 67.952+/-0.019 χ^2/NDF : 1375789.3/17

In: 68.956+/-0.029 χ^2/NDF : 639053.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.952+/-0.019 χ^2/NDF : 1375789.3/17

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.017+/-372.014 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.570+/-309.708 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

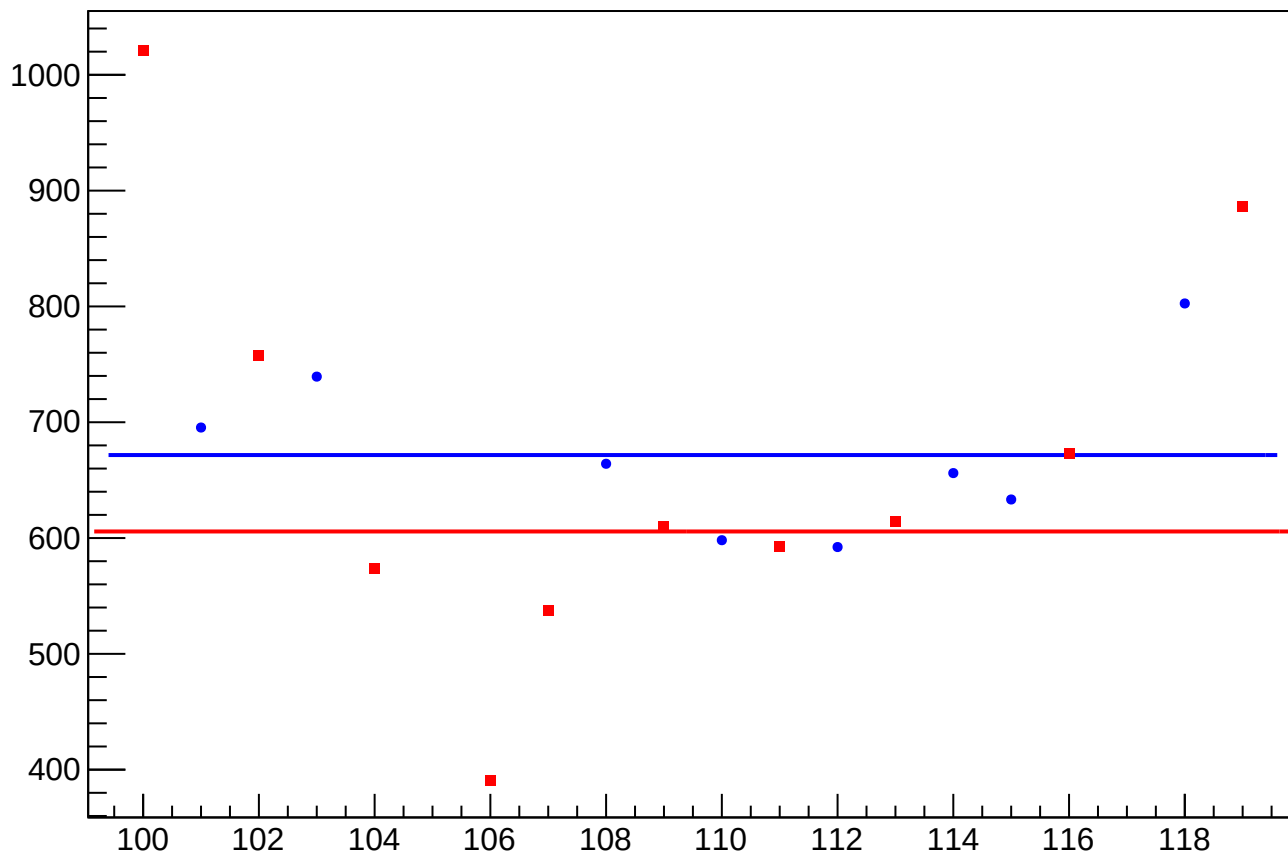
Right: 504.738+/-238.020 χ^2/NDF : 18.5/17

In: 176.017+/-372.014 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.738+/-238.020 χ^2/NDF : 18.5/17

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 671.670+/-0.263 χ^2/NDF : 70428.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.680+/-0.219 χ^2/NDF : 361268.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

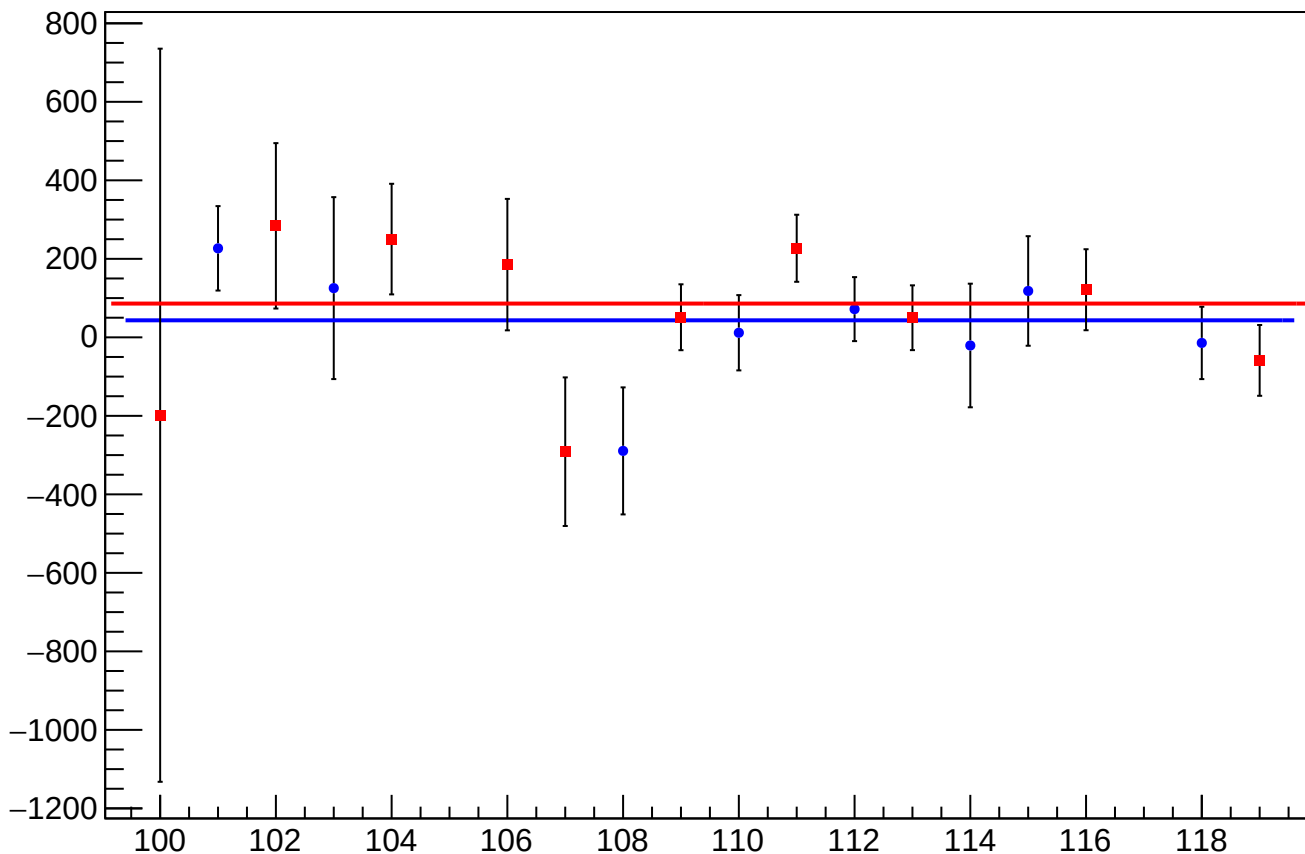
Right: 632.694+/-0.168 χ^2/NDF : 468867.8/17

In: 671.670+/-0.263 χ^2/NDF : 70428.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.694+/-0.168 χ^2/NDF : 468867.8/17

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 43.363+/-40.428 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.033+/-35.799 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

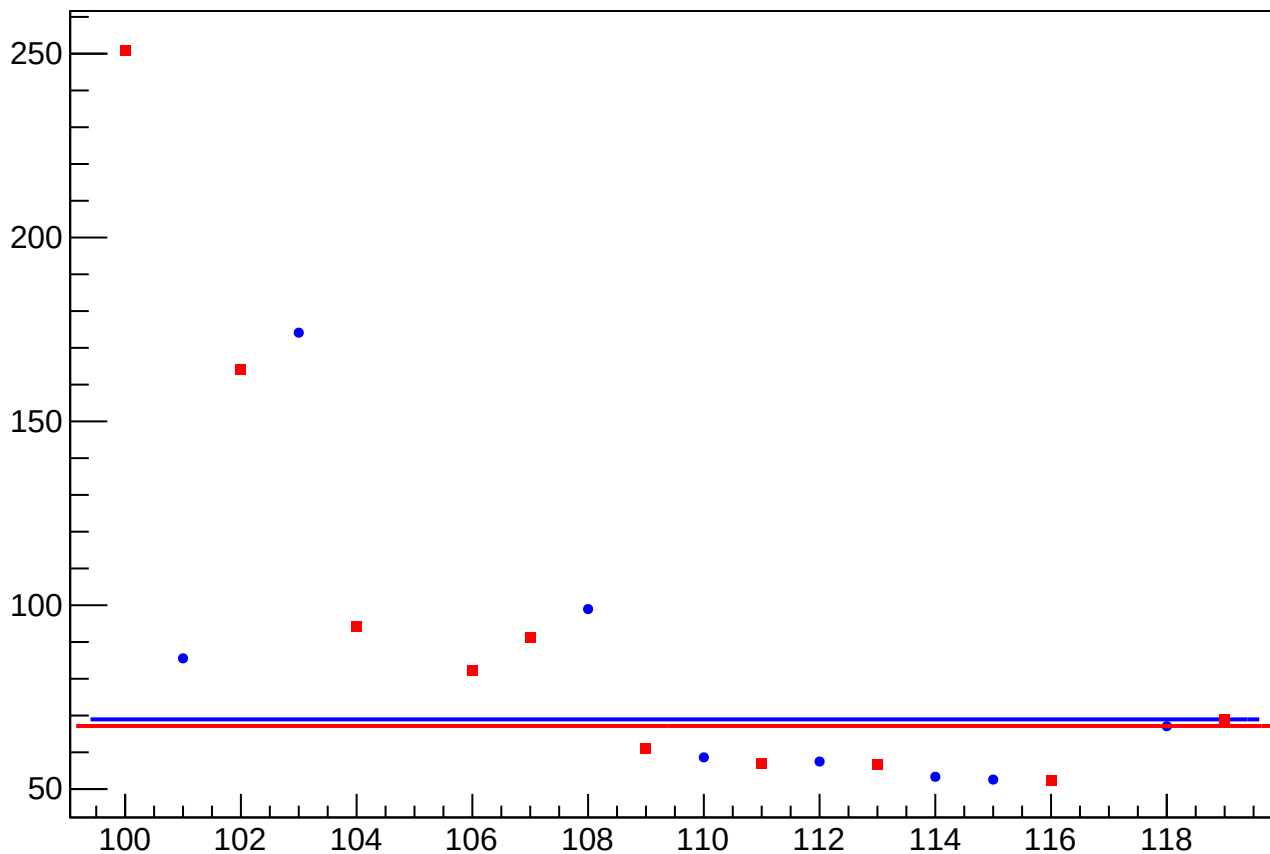
Right: 67.280+/-26.801 χ^2/NDF : 21.4/17

In: 43.363+/-40.428 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.280+/-26.801 χ^2/NDF : 21.4/17

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 68.956+/-0.029 χ^2/NDF : 639053.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.165+/-0.025 χ^2/NDF : 734535.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

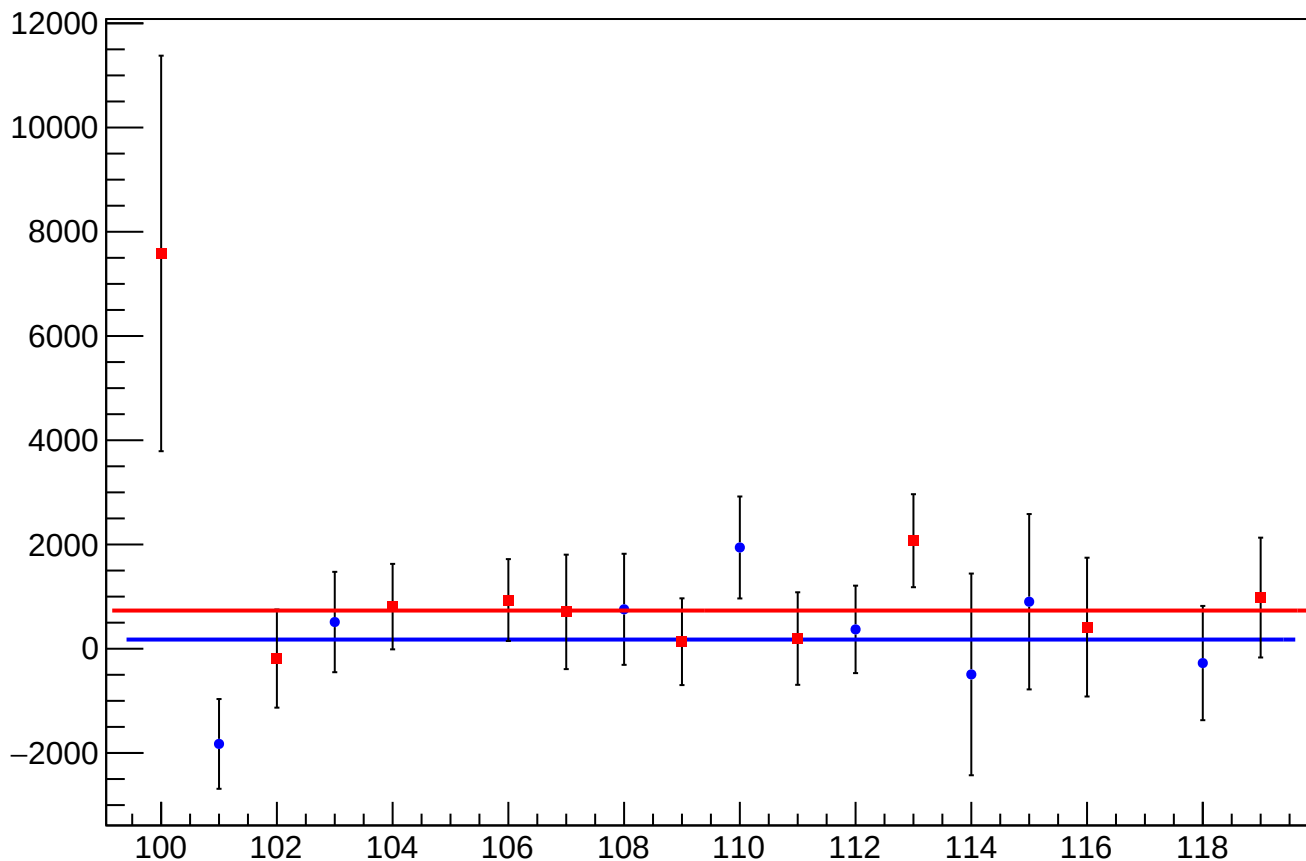
Right: 67.952+/-0.019 χ^2/NDF : 1375789.3/17

In: 68.956+/-0.029 χ^2/NDF : 639053.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.952+/-0.019 χ^2/NDF : 1375789.3/17

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 176.017+/-372.014 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.570+/-309.708 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

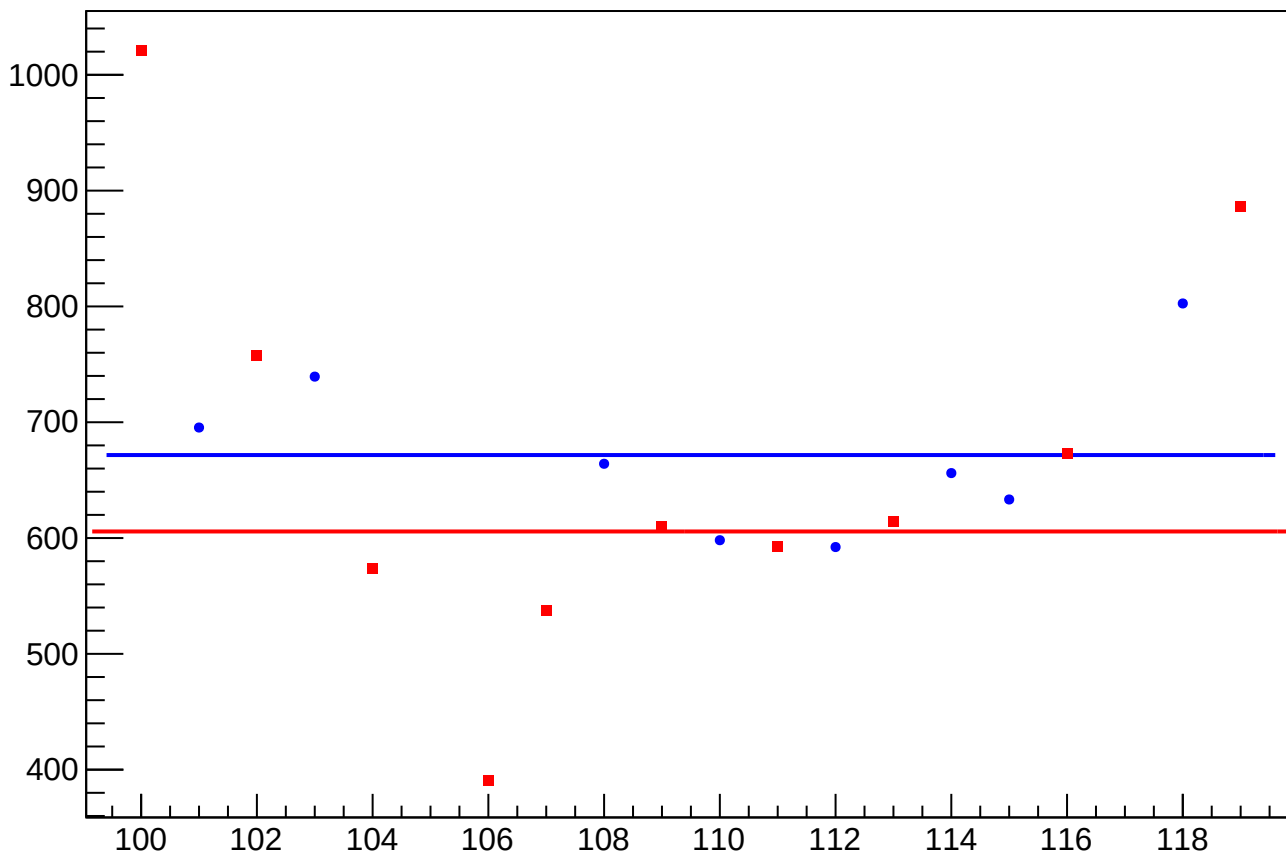
Right: 504.738+/-238.020 χ^2/NDF : 18.5/17

In: 176.017+/-372.014 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.738+/-238.020 χ^2/NDF : 18.5/17

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 671.670+/-0.263 χ^2/NDF : 70428.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.680+/-0.219 χ^2/NDF : 361268.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

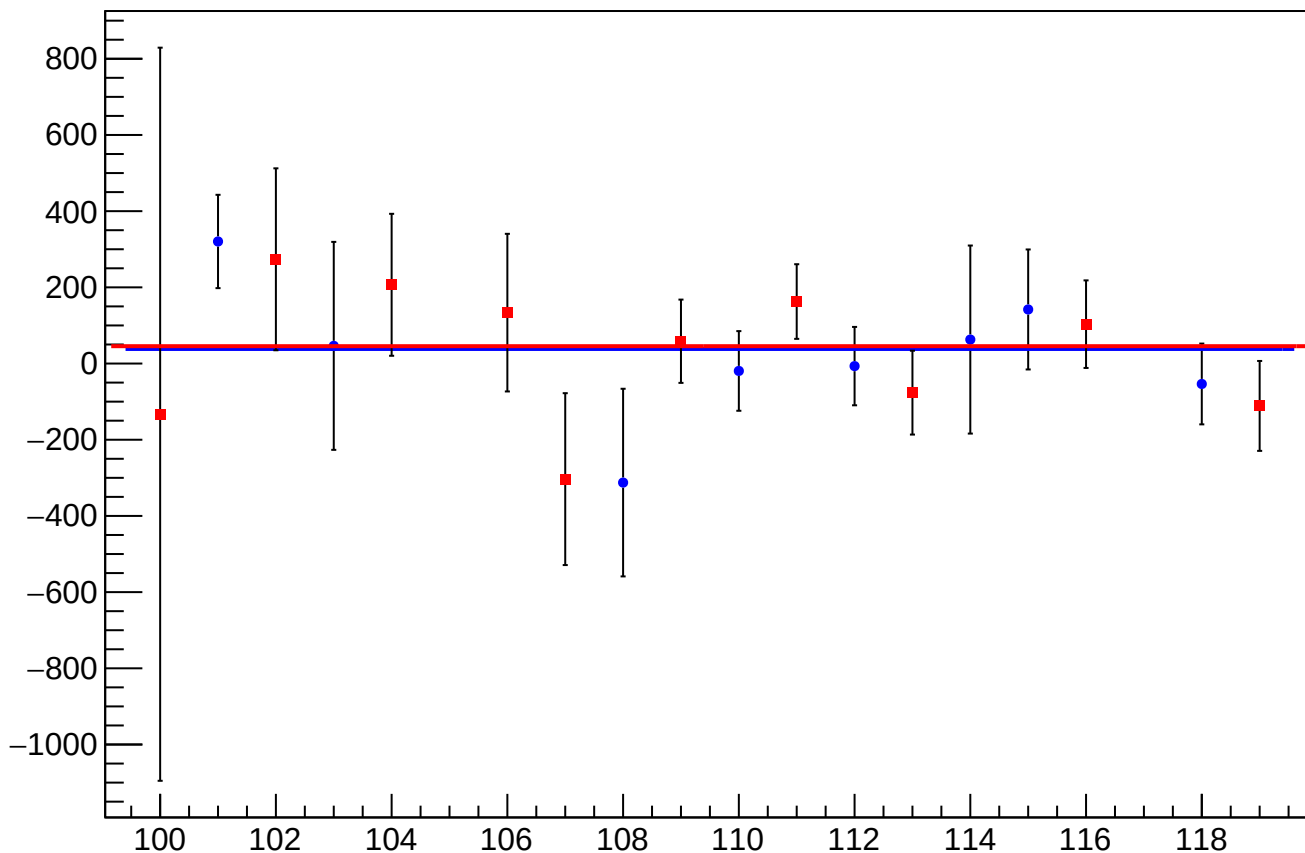
Right: 632.694+/-0.168 χ^2/NDF : 468867.8/17

In: 671.670+/-0.263 χ^2/NDF : 70428.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.694+/-0.168 χ^2/NDF : 468867.8/17

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 38.305+/-48.321 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.559+/-44.349 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

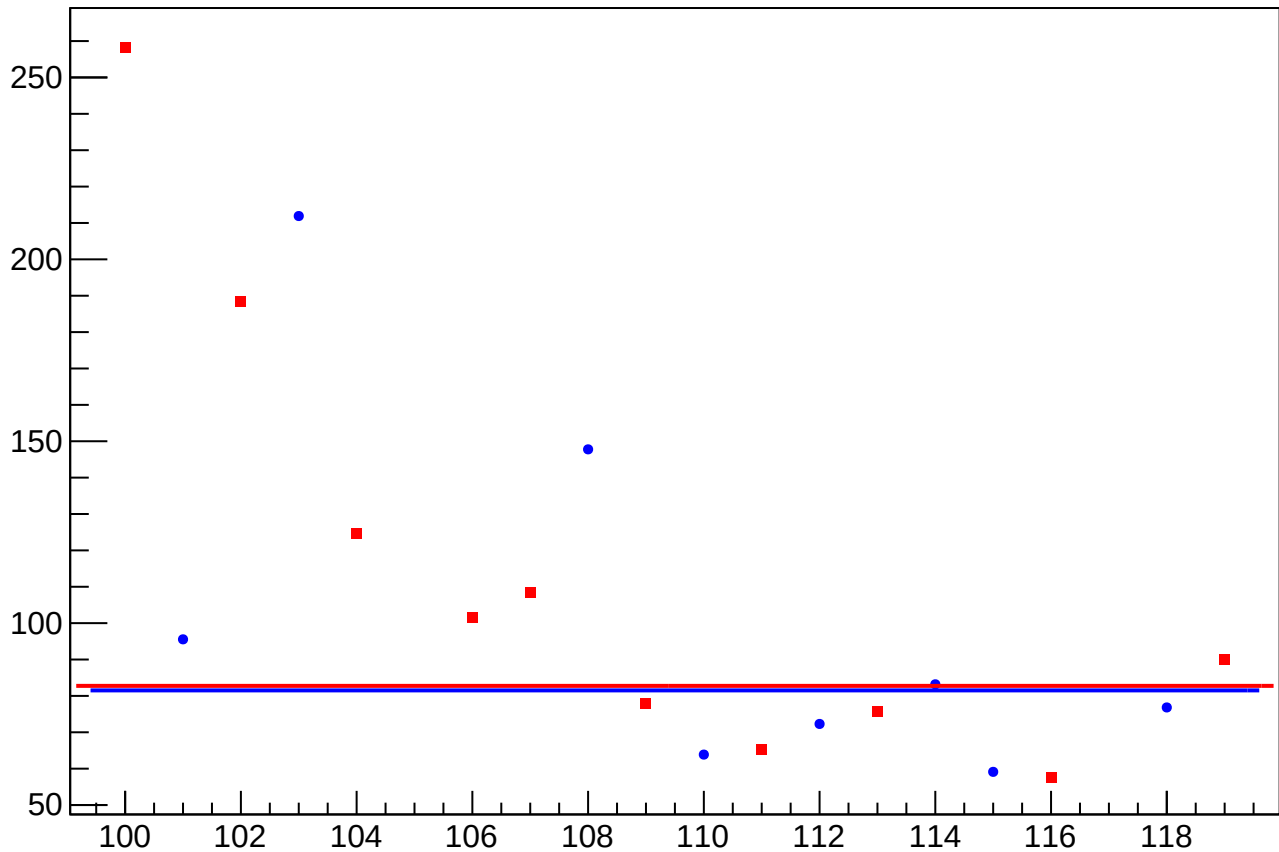
Right: 42.242+/-32.674 χ^2/NDF : 18.0/17

In: 38.305+/-48.321 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.242+/-32.674 χ^2/NDF : 18.0/17

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.515 $\pm$ 0.034 χ^2 /NDF: 744966.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.758 $\pm$ 0.031 χ^2 /NDF: 781918.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

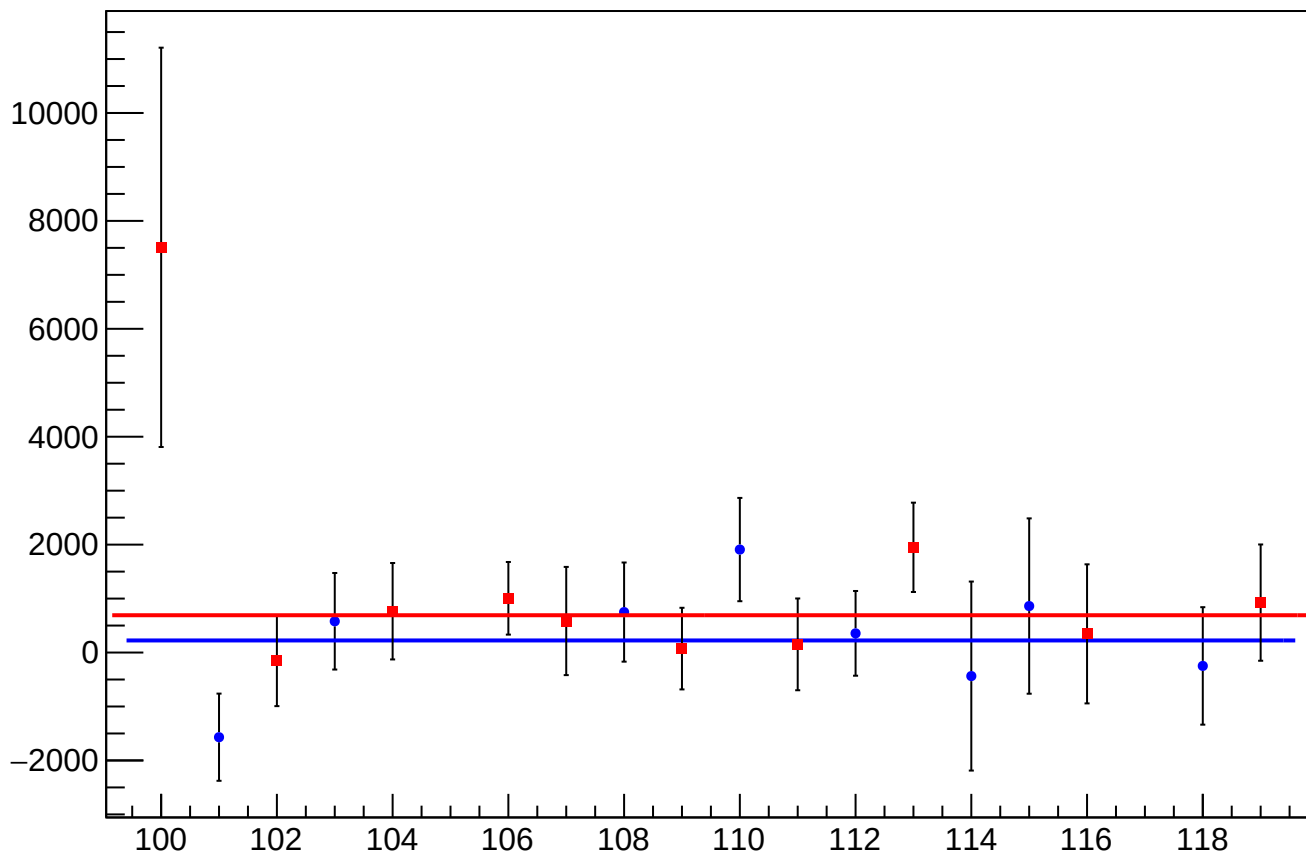
Right: 82.190 $\pm$ 0.023 χ^2 /NDF: 1527604.2/17

In: 81.515 $\pm$ 0.034 χ^2 /NDF: 744966.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.190 $\pm$ 0.023 χ^2 /NDF: 1527604.2/17

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.040+/-348.625 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.440+/-288.873 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

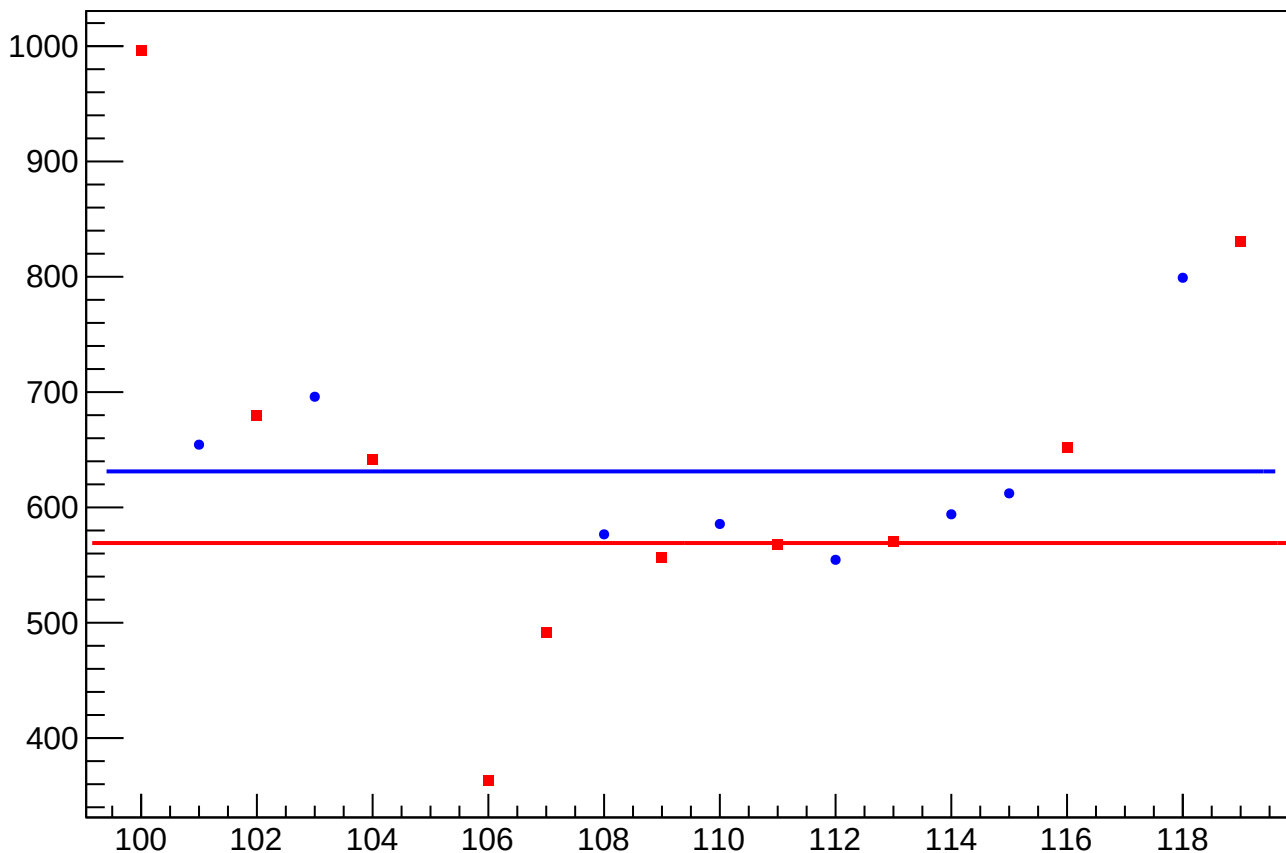
Right: 501.168+/-222.434 χ^2/NDF : 18.2/17

In: 224.040+/-348.625 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.168+/-222.434 χ^2/NDF : 18.2/17

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.233+/-0.247 χ^2/NDF : 91535.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.126+/-0.204 χ^2/NDF : 399721.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

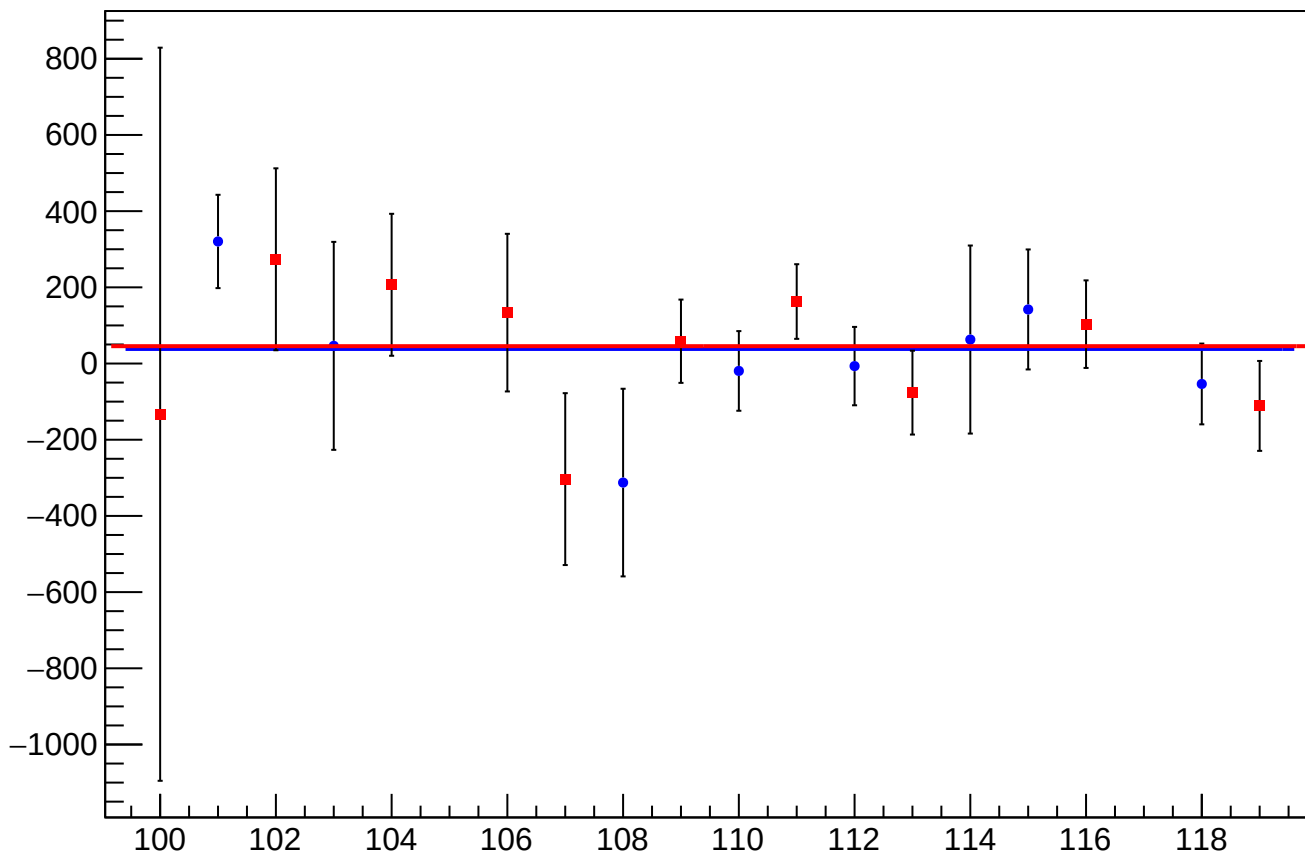
Right: 594.409+/-0.157 χ^2/NDF : 528891.4/17

In: 631.233+/-0.247 χ^2/NDF : 91535.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 594.409+/-0.157 χ^2/NDF : 528891.4/17

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 38.305+/-48.321 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.558+/-44.349 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

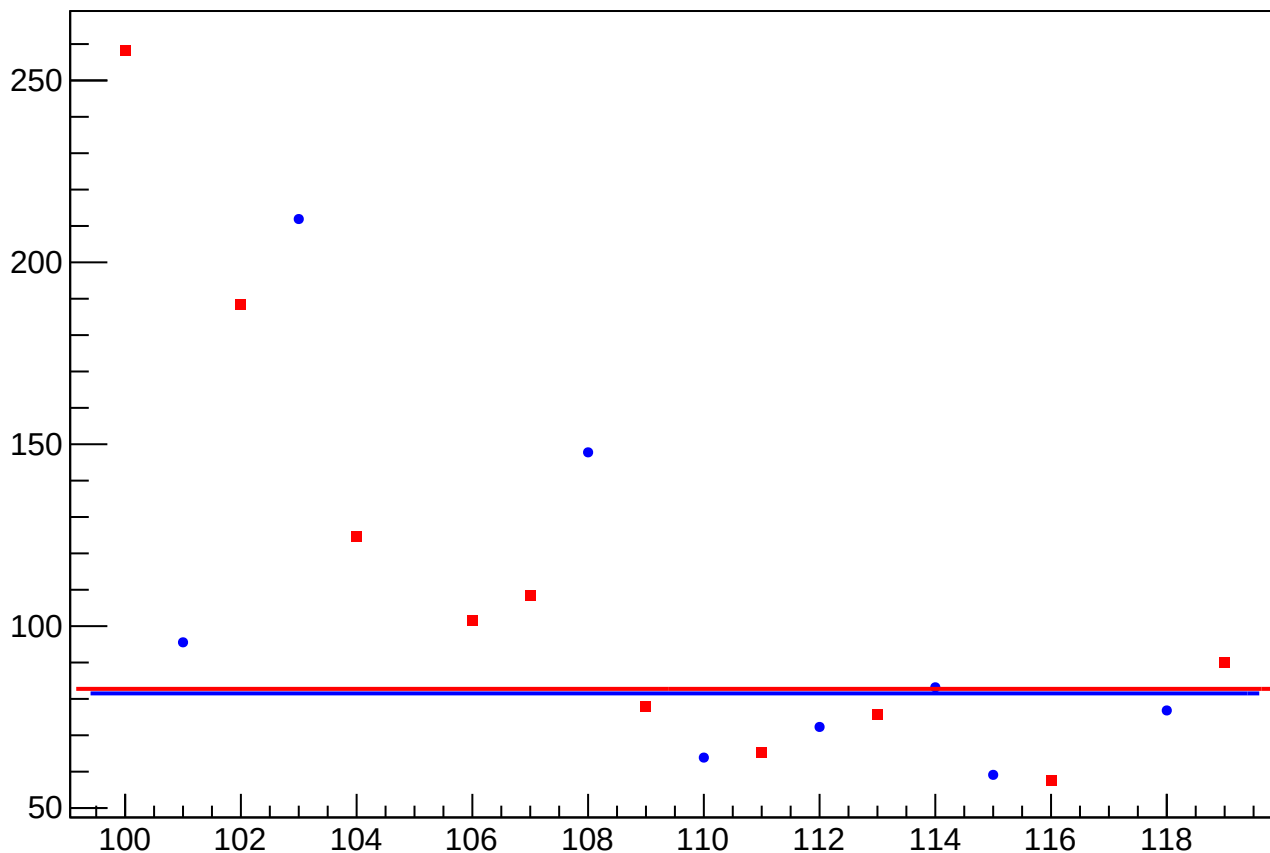
Right: 42.242+/-32.674 χ^2/NDF : 18.0/17

In: 38.305+/-48.321 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.242+/-32.674 χ^2/NDF : 18.0/17

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 81.515+/-0.034 χ^2/NDF : 744976.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.758+/-0.031 χ^2/NDF : 781913.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

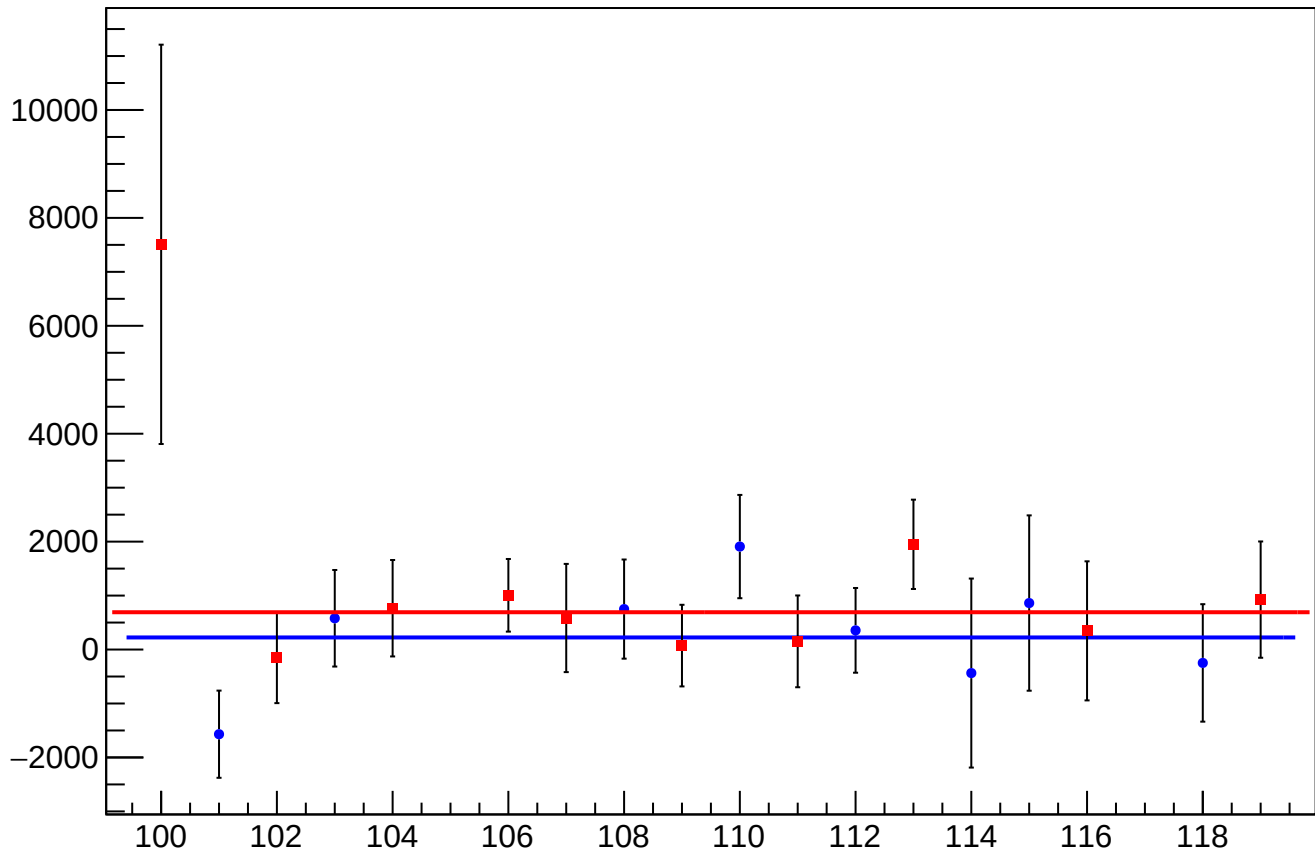
Right: 82.190+/-0.023 χ^2/NDF : 1527608.4/17

In: 81.515+/-0.034 χ^2/NDF : 744976.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.190+/-0.023 χ^2/NDF : 1527608.4/17

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 224.039+/-348.624 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.439+/-288.872 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

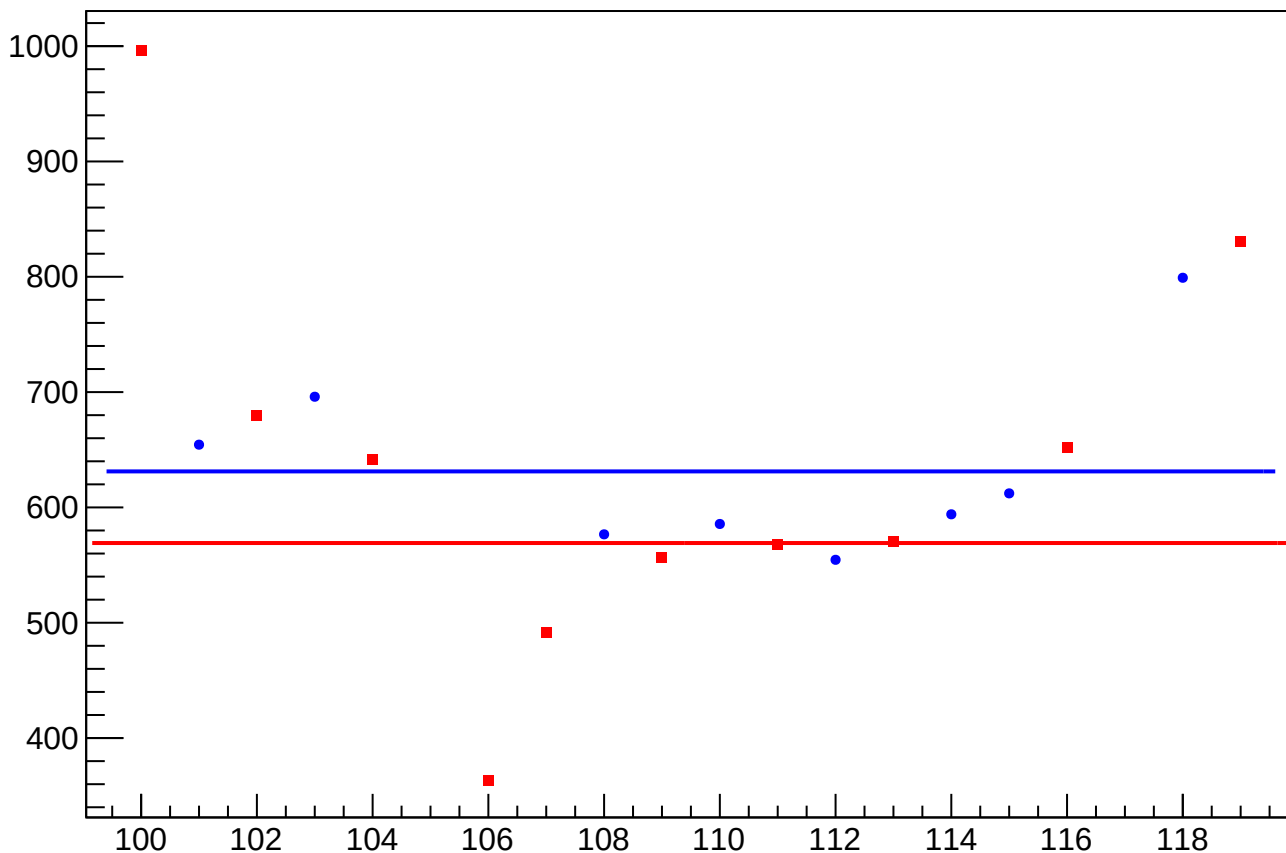
Right: 501.167+/-222.434 χ^2/NDF : 18.2/17

In: 224.039+/-348.624 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.167+/-222.434 χ^2/NDF : 18.2/17

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.232+/-0.247 χ^2/NDF : 91536.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.125+/-0.204 χ^2/NDF : 399723.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

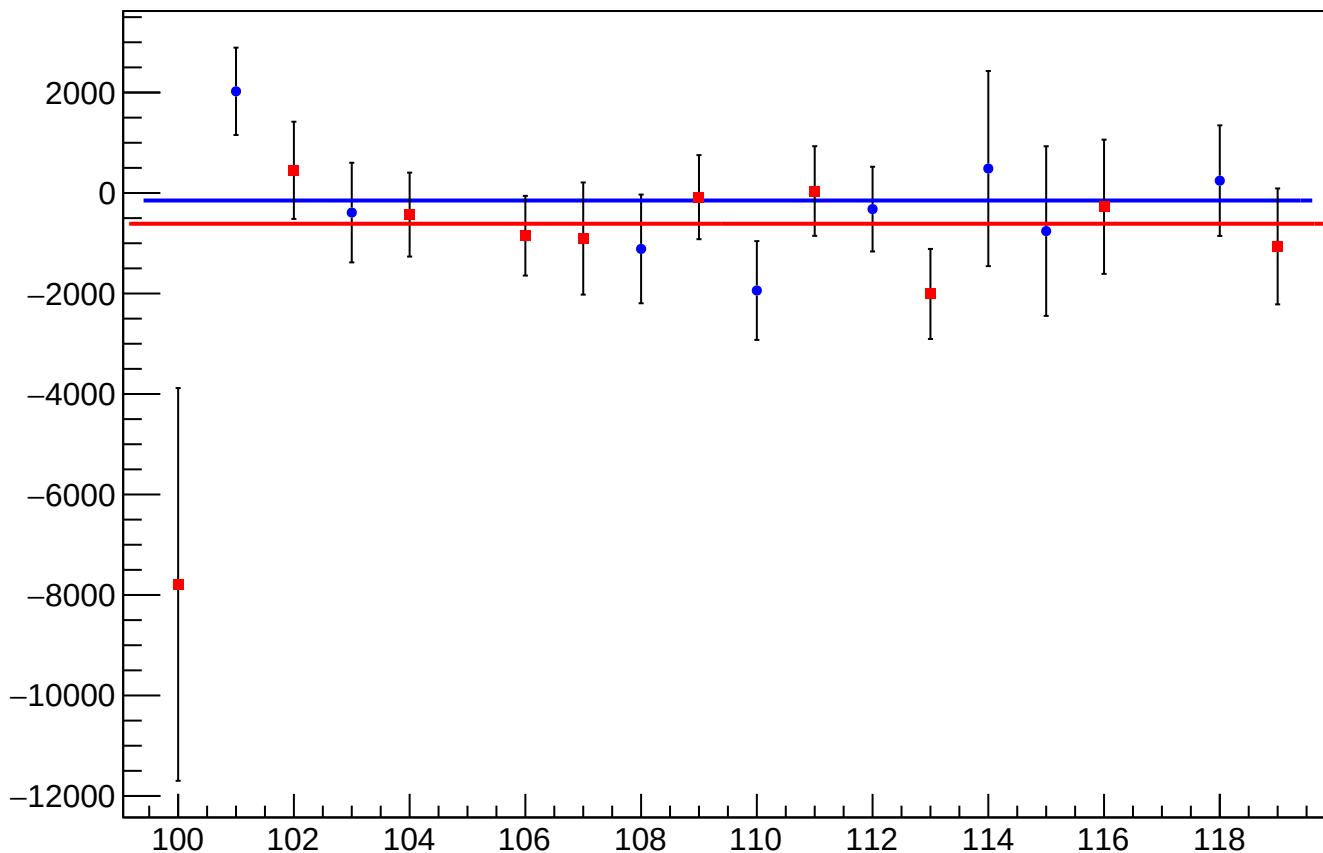
Right: 594.408+/-0.157 χ^2/NDF : 528894.0/17

In: 631.232+/-0.247 χ^2/NDF : 91536.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 594.408+/-0.157 χ^2/NDF : 528894.0/17

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: -149.462+/-375.801 χ^2 /NDF: 10.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -611.853+/-313.076 χ^2 /NDF: 8.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

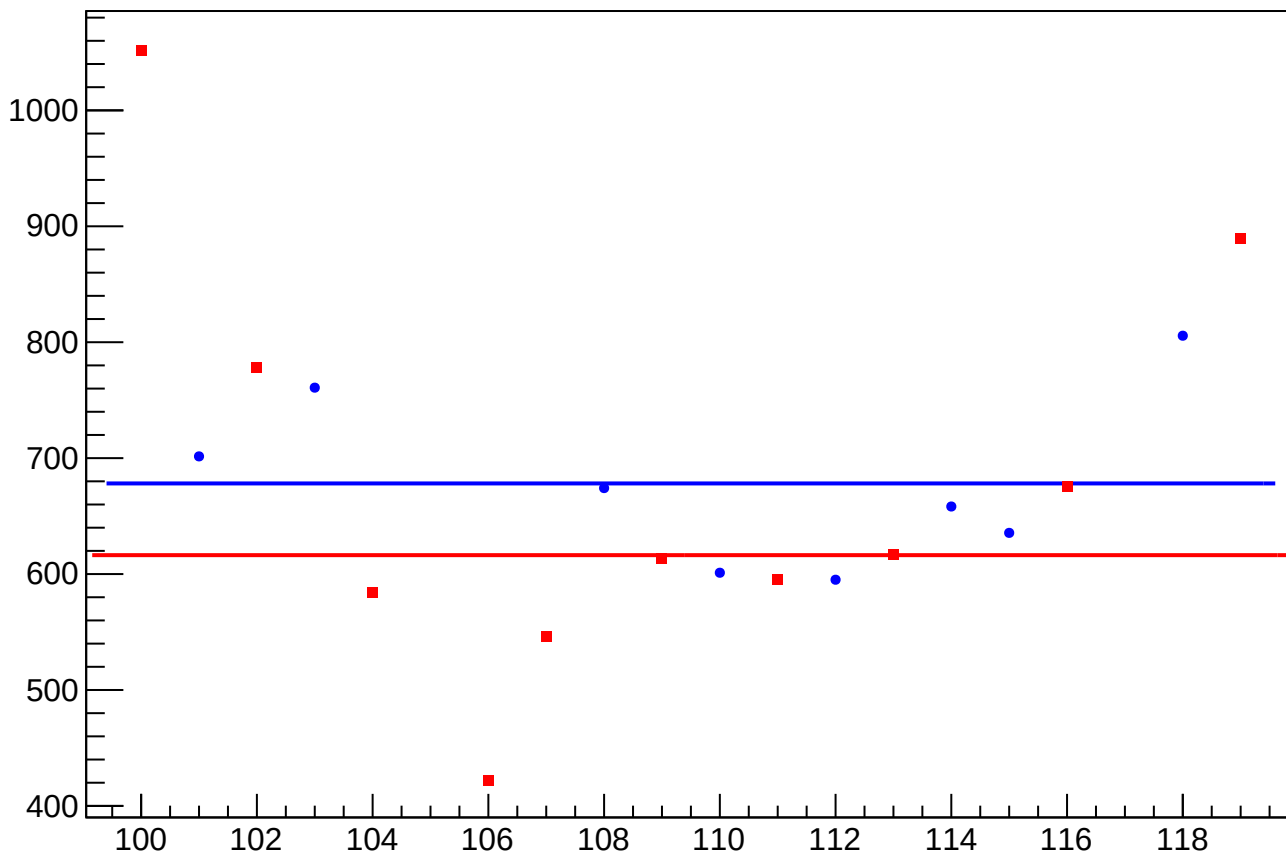
Right: -422.413+/-240.540 χ^2 /NDF: 20.1/17

In: -149.462+/-375.801 χ^2 /NDF:10.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -422.413+/-240.540 χ^2 /NDF: 20.1/17

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 678.180+/-0.266 χ^2/NDF : 75358.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 616.315+/-0.221 χ^2/NDF : 328326.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

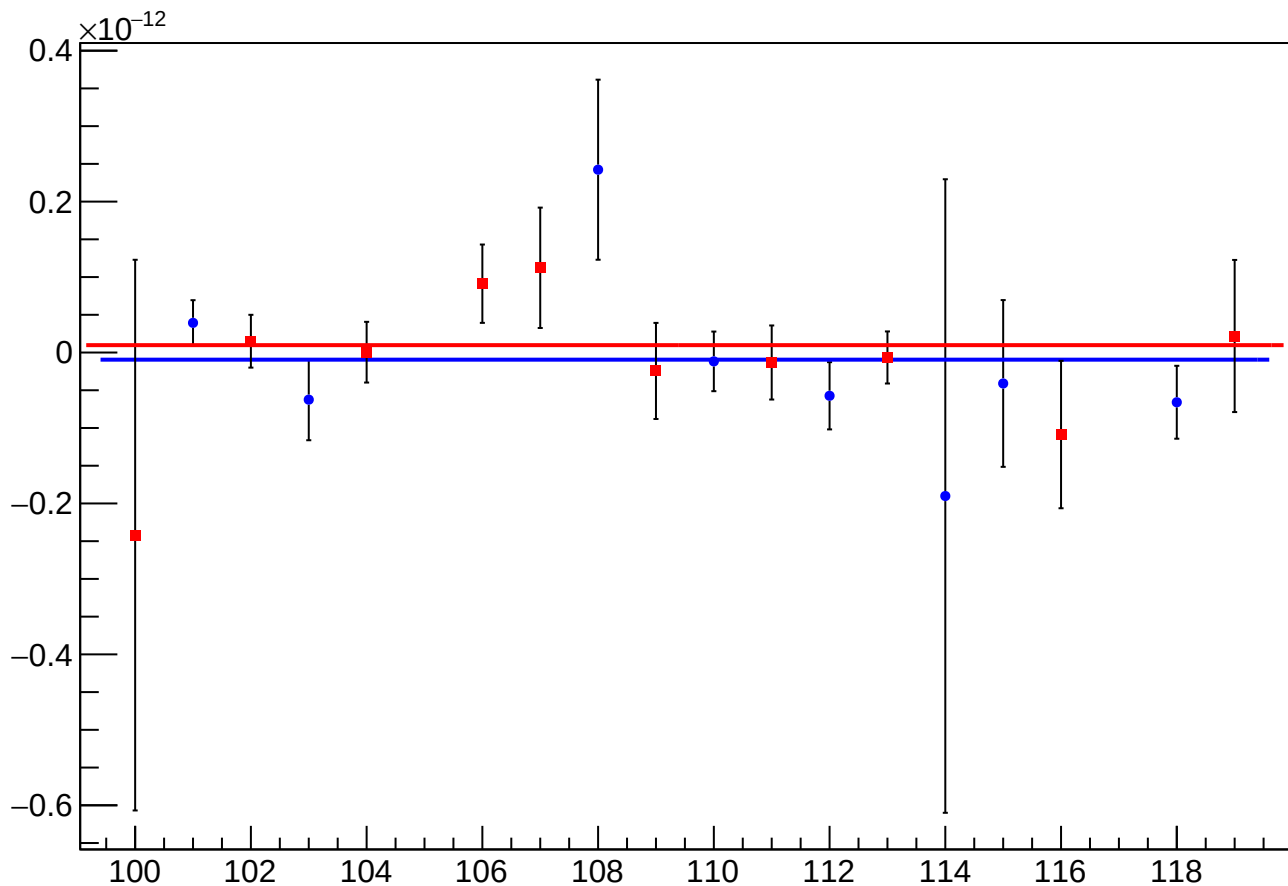
Right: 641.661+/-0.170 χ^2/NDF : 435680.2/17

In: 678.180+/-0.266 χ^2/NDF : 75358.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.661+/-0.170 χ^2/NDF : 435680.2/17

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

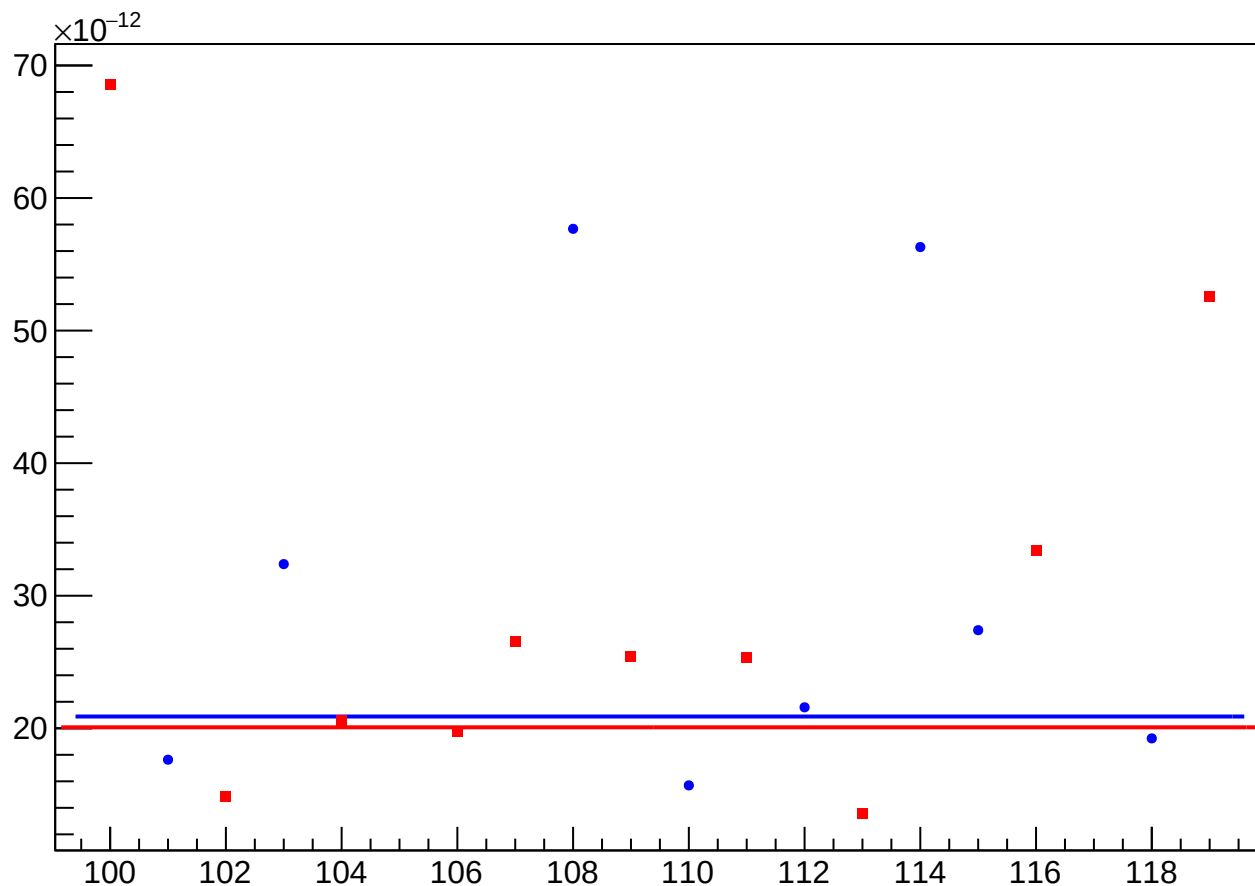
Right: 0.000+/-0.000 χ^2/NDF : 18.4/17

In: -0.000+/-0.000 χ^2/NDF : 10.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.4/17

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 363680.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446487.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

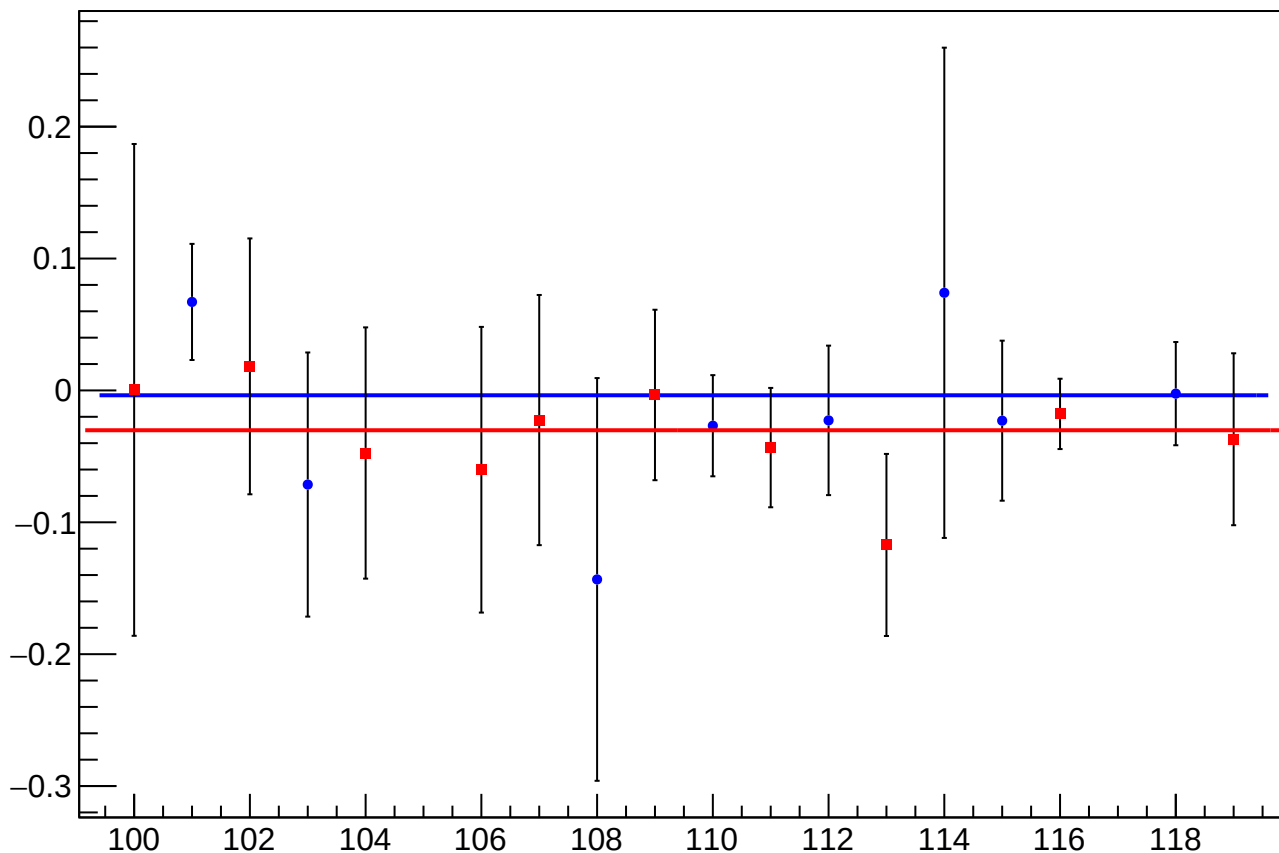
Right: 0.000+/-0.000 χ^2/NDF : 812433.5/17

In: 0.000+/-0.000 χ^2/NDF : 363680.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 812433.5/17

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.018 χ^2 /NDF: 2.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

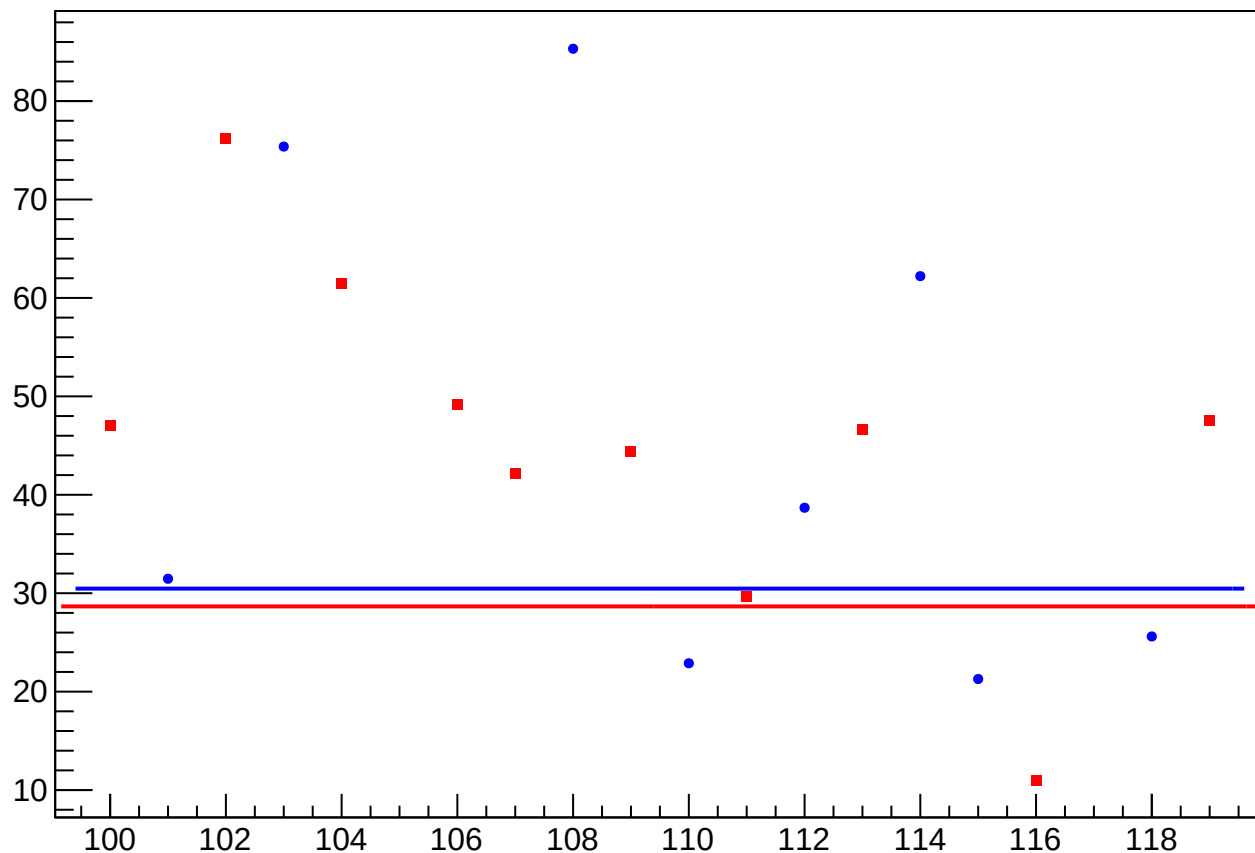
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

In: -0.004 $\pm$ 0.020 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.467+/-0.014 χ^2/NDF : 916571.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152872.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

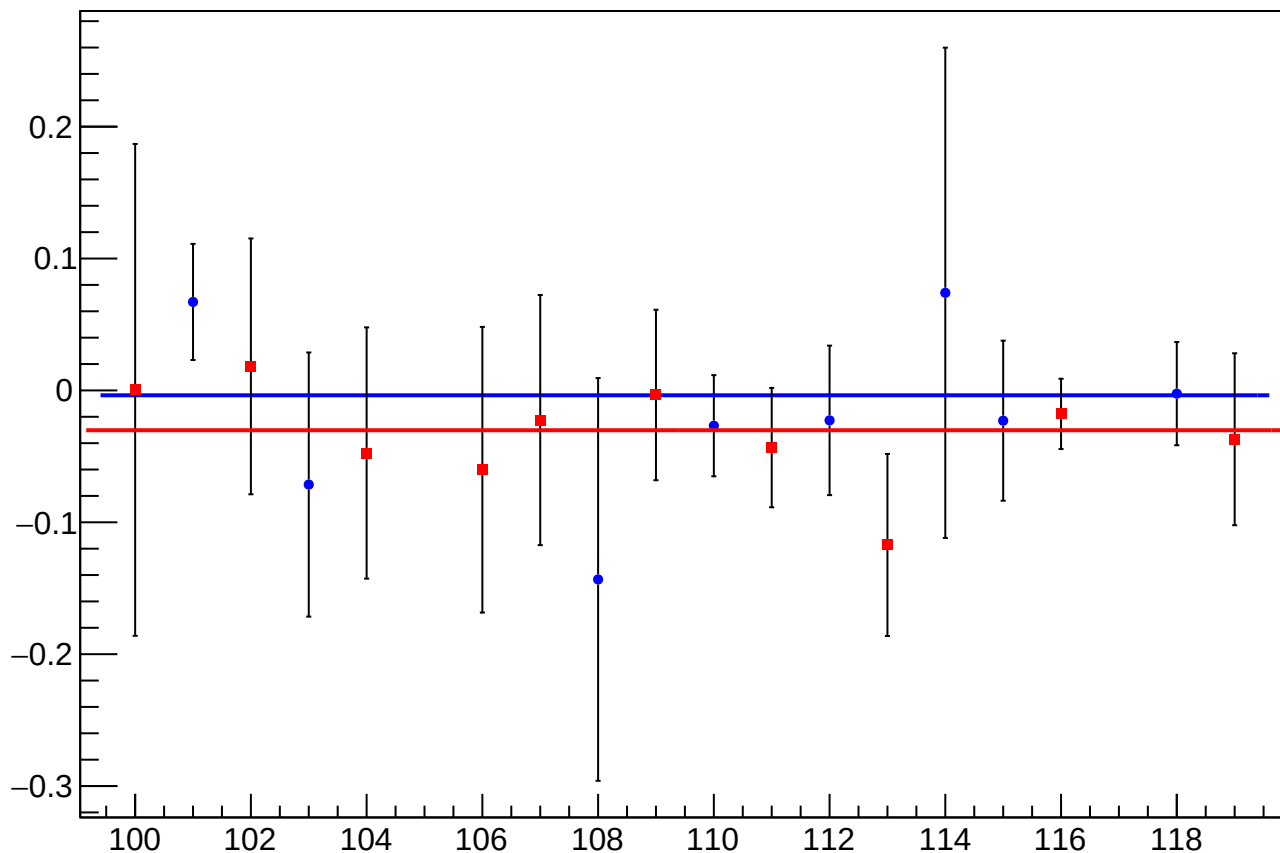
Right: 29.497+/-0.009 χ^2/NDF : 3078572.5/17

In: 30.467+/-0.014 χ^2/NDF : 916571.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.497+/-0.009 χ^2/NDF : 3078572.5/17

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.018 χ^2 /NDF: 2.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

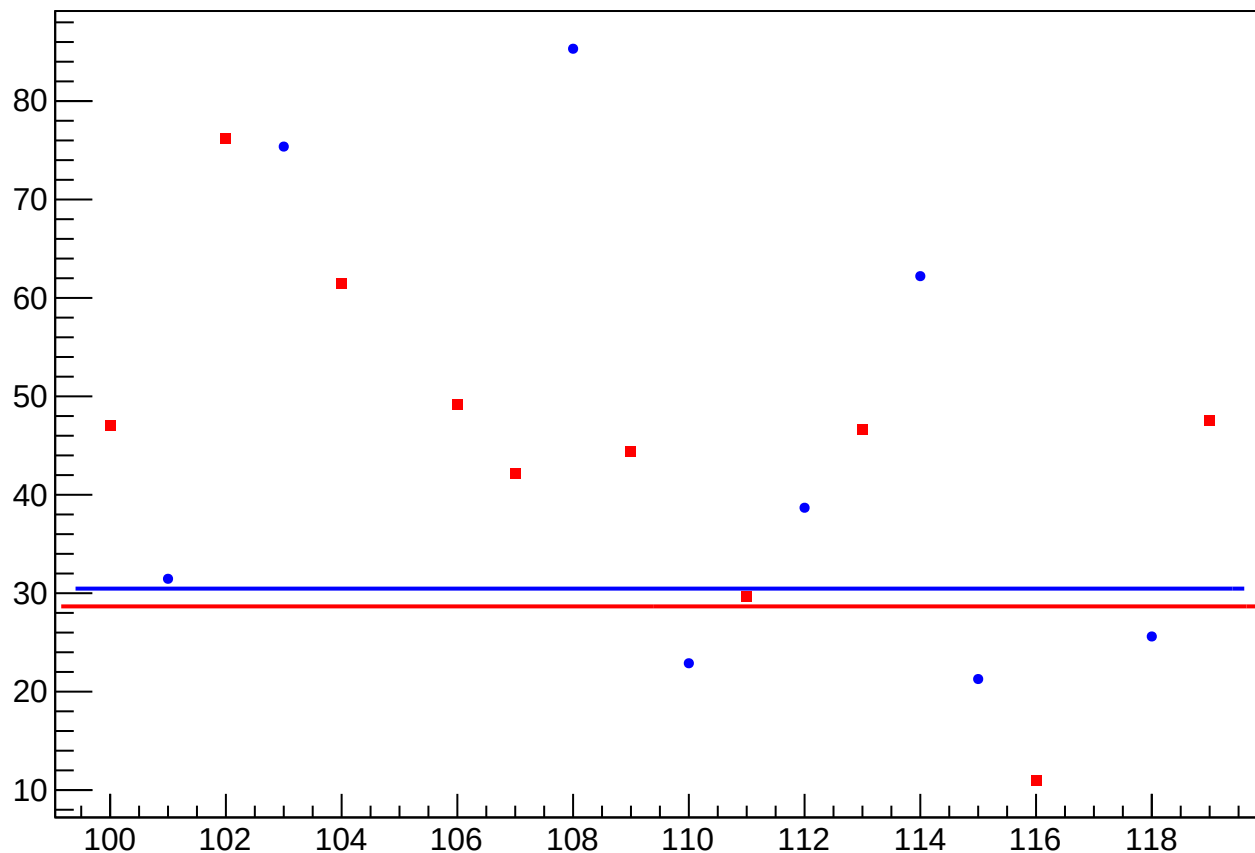
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

In: -0.004 $\pm$ 0.020 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.467+/-0.014 χ^2/NDF : 916571.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152872.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

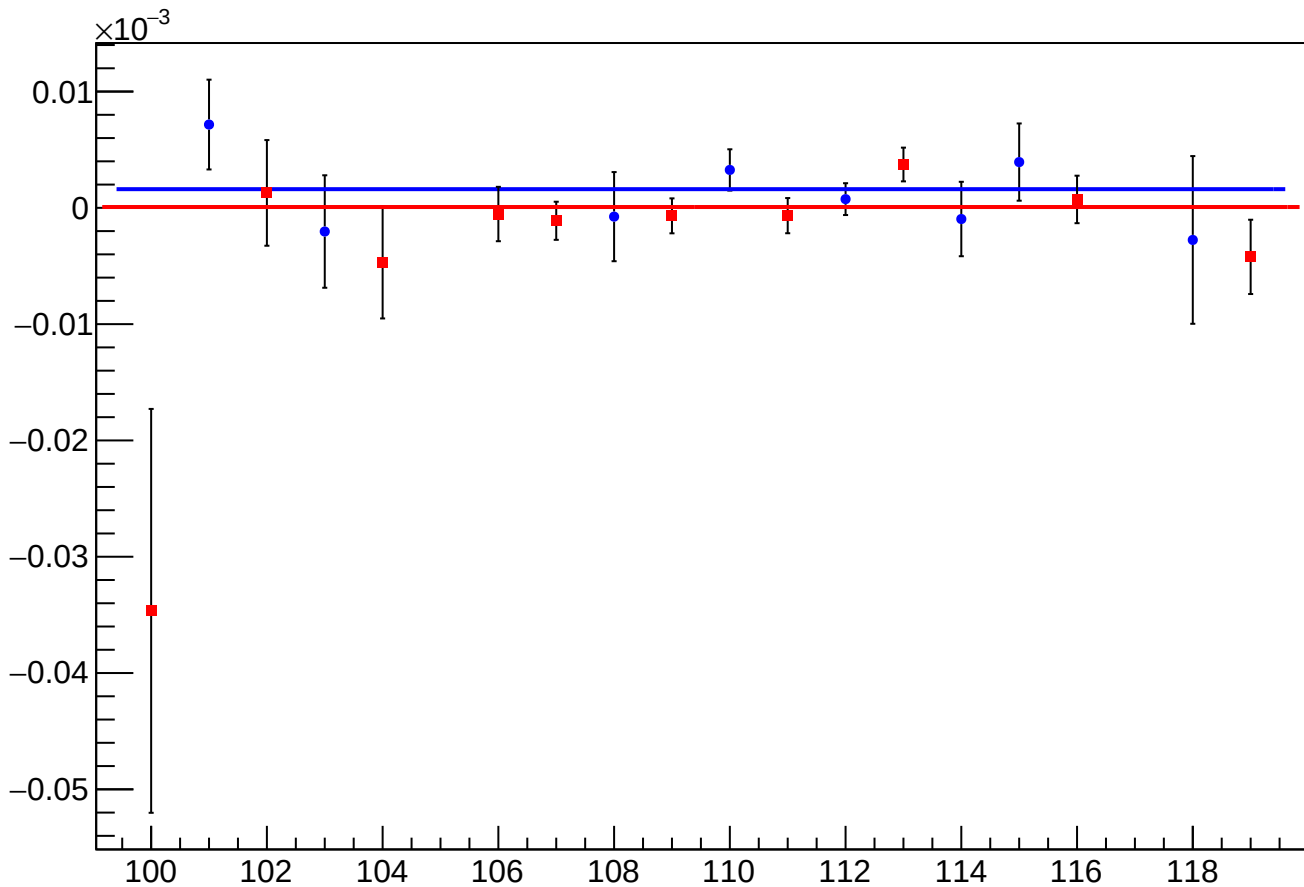
Right: 29.497+/-0.009 χ^2/NDF : 3078572.5/17

In: 30.467+/-0.014 χ^2/NDF : 916571.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.497+/-0.009 χ^2/NDF : 3078572.5/17

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

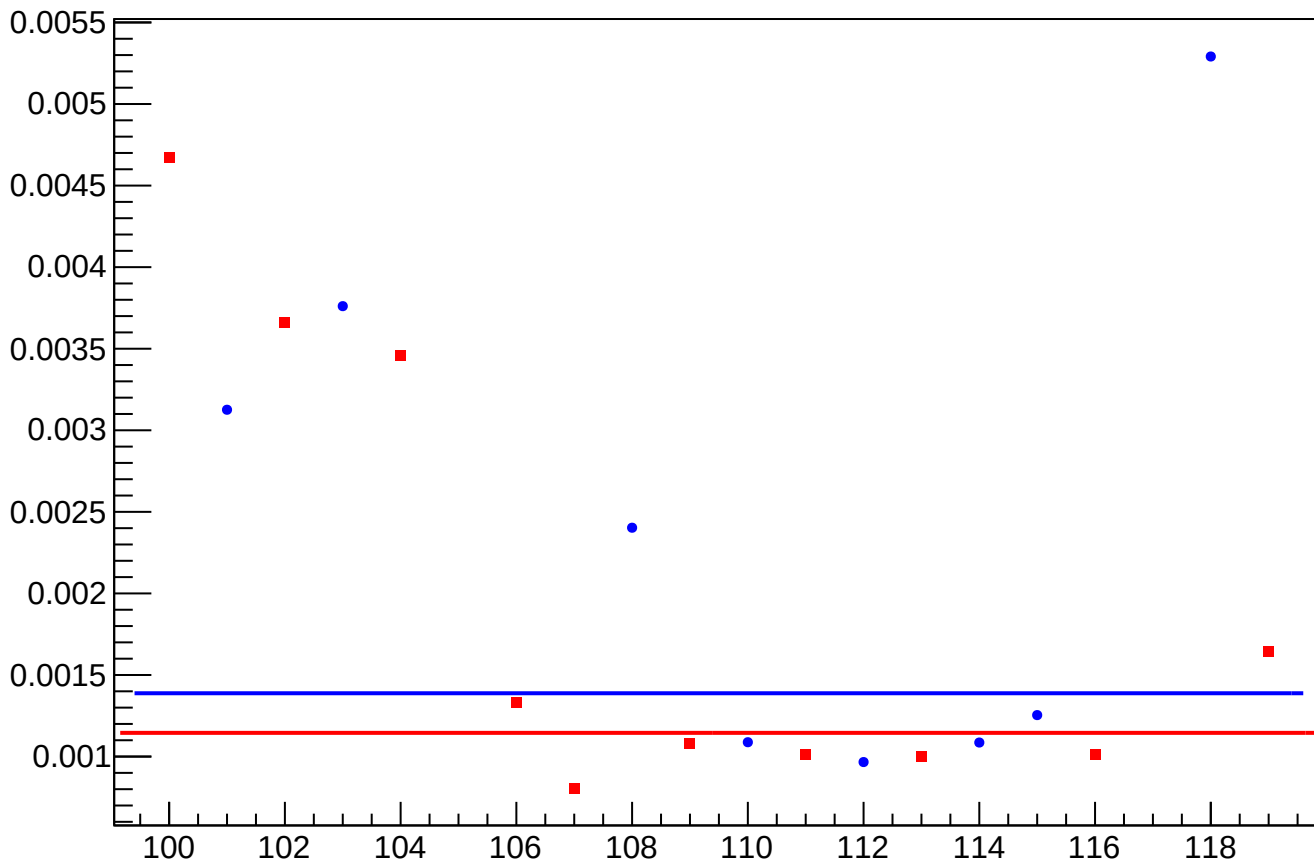
Right: 0.000+/-0.000 χ^2/NDF : 22.1/17

In: 0.000+/-0.000 χ^2/NDF : 5.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 22.1/17

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1881543.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1352868.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

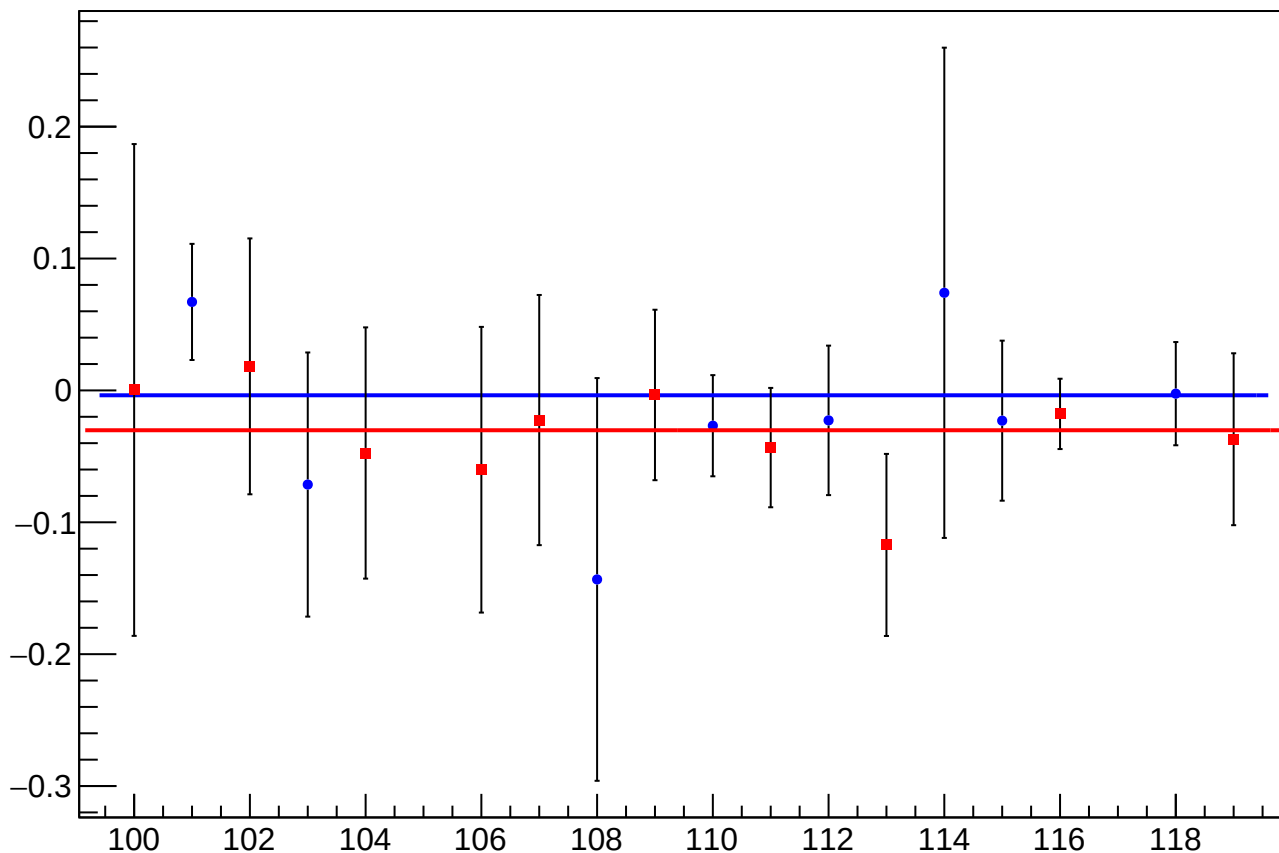
Right: 0.001+/-0.000 χ^2/NDF : 3329876.1/17

In: 0.001+/-0.000 χ^2/NDF : 1881543.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3329876.1/17

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.018 χ^2 /NDF: 2.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

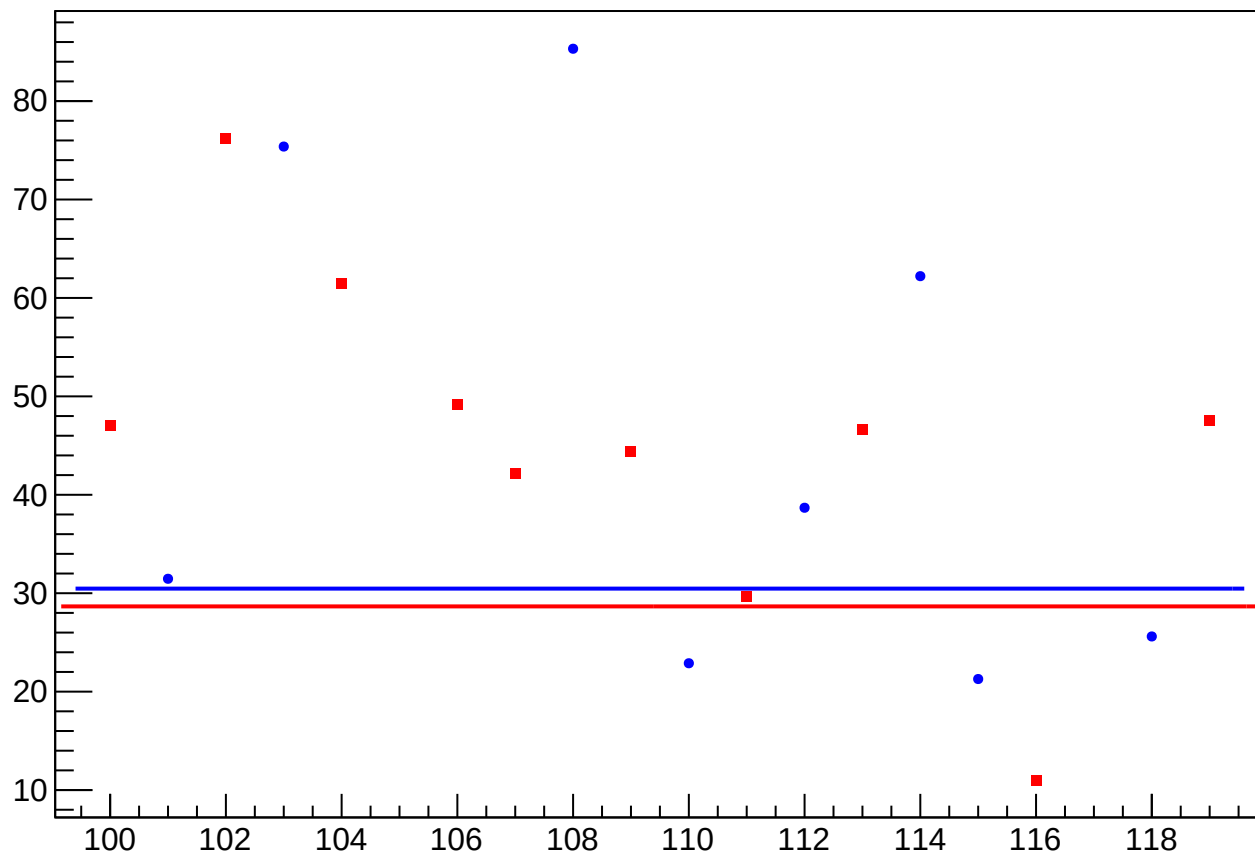
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

In: -0.004 $\pm$ 0.020 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.468+/-0.014 χ^2/NDF : 916572.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152793.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

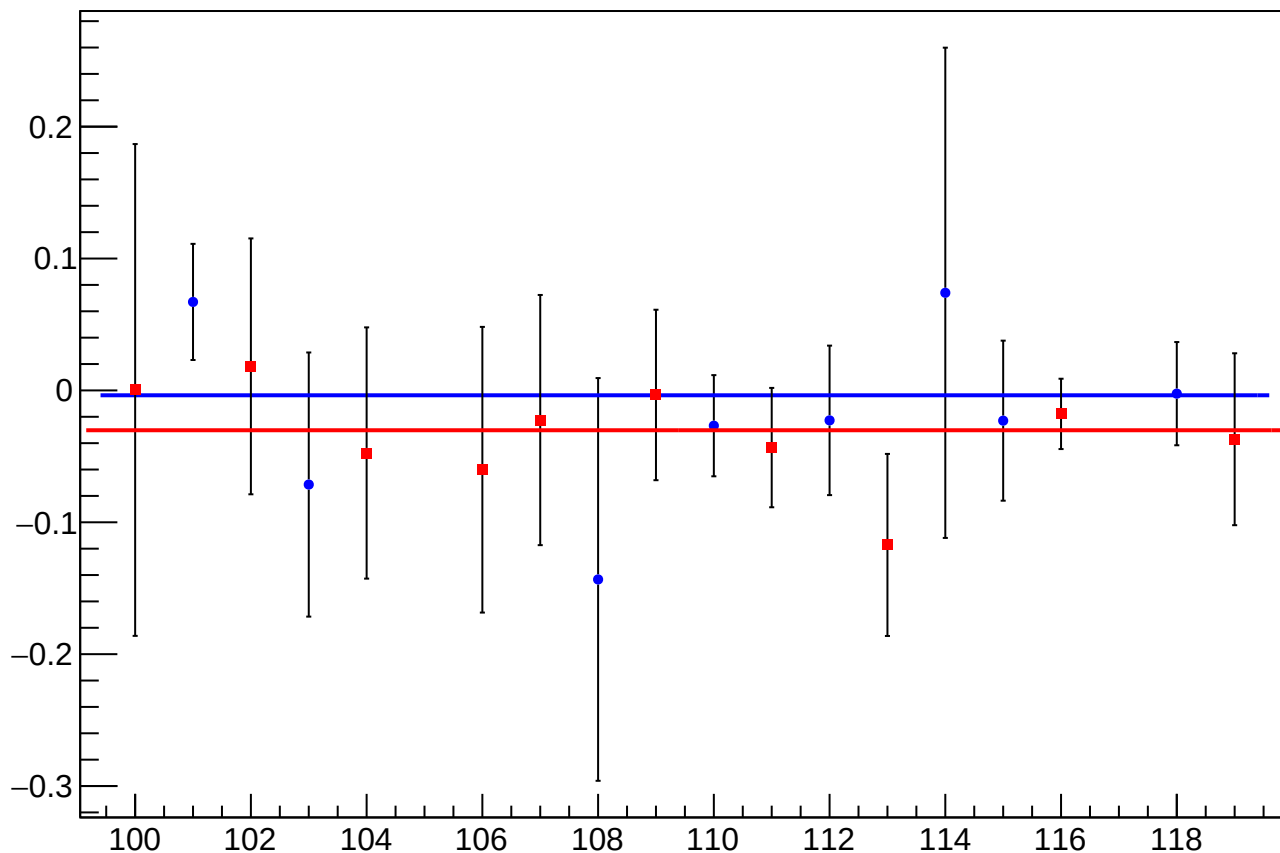
Right: 29.497+/-0.009 χ^2/NDF : 3078503.3/17

In: 30.468+/-0.014 χ^2/NDF : 916572.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.497+/-0.009 χ^2/NDF : 3078503.3/17

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.018 χ^2 /NDF: 2.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

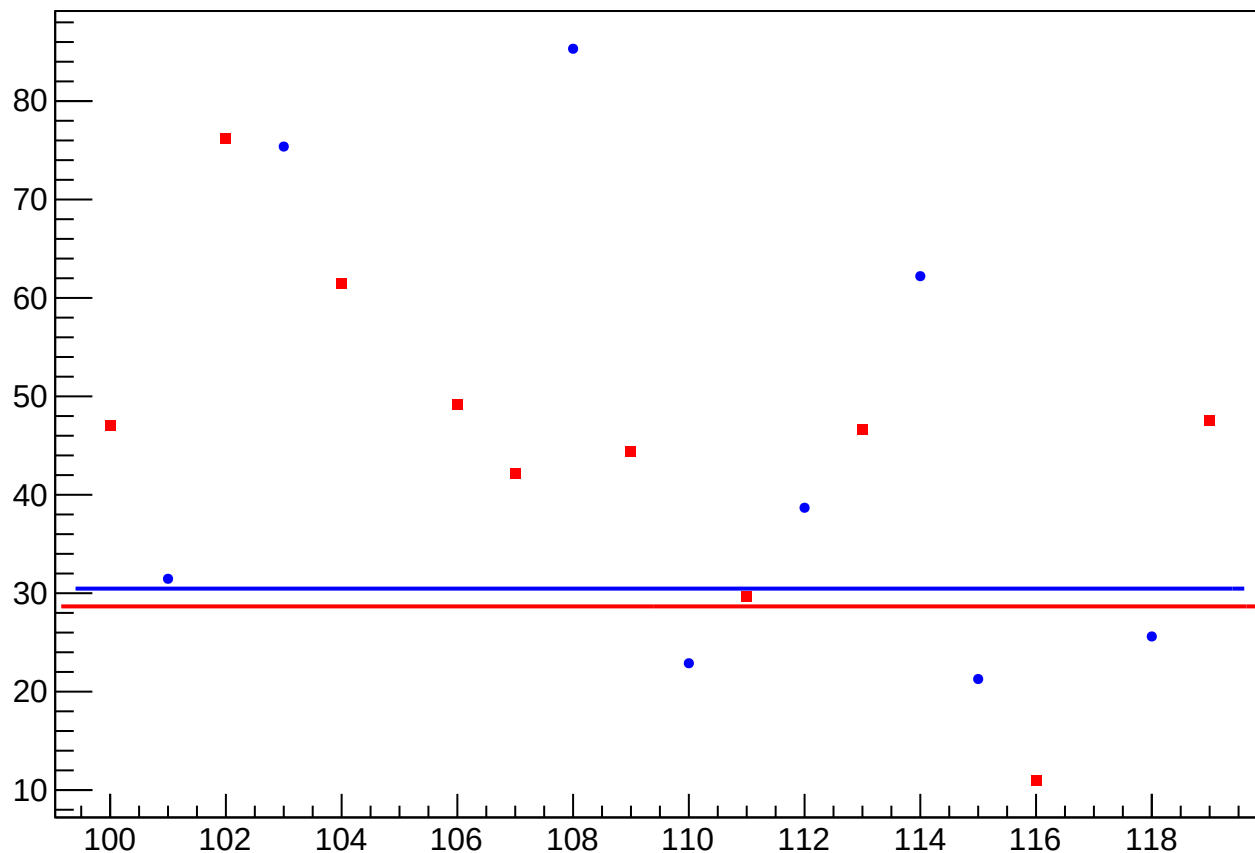
Right: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

In: -0.004 $\pm$ 0.020 χ^2 /NDF:4.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.013 χ^2 /NDF: 8.1/17

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.468+/-0.014 χ^2/NDF : 916572.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.660+/-0.013 χ^2/NDF : 2152793.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

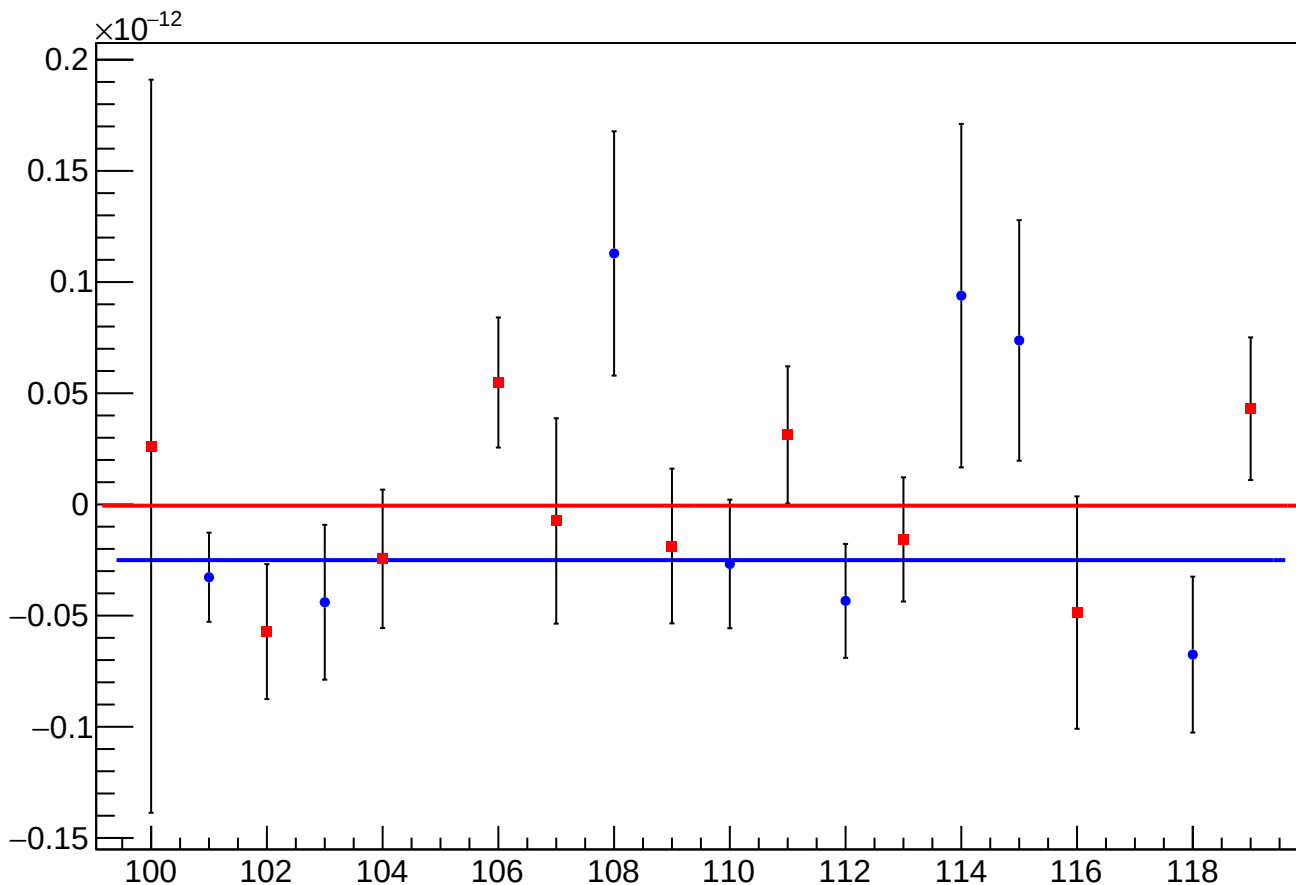
Right: 29.497+/-0.009 χ^2/NDF : 3078503.3/17

In: 30.468+/-0.014 χ^2/NDF : 916572.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.497+/-0.009 χ^2/NDF : 3078503.3/17

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

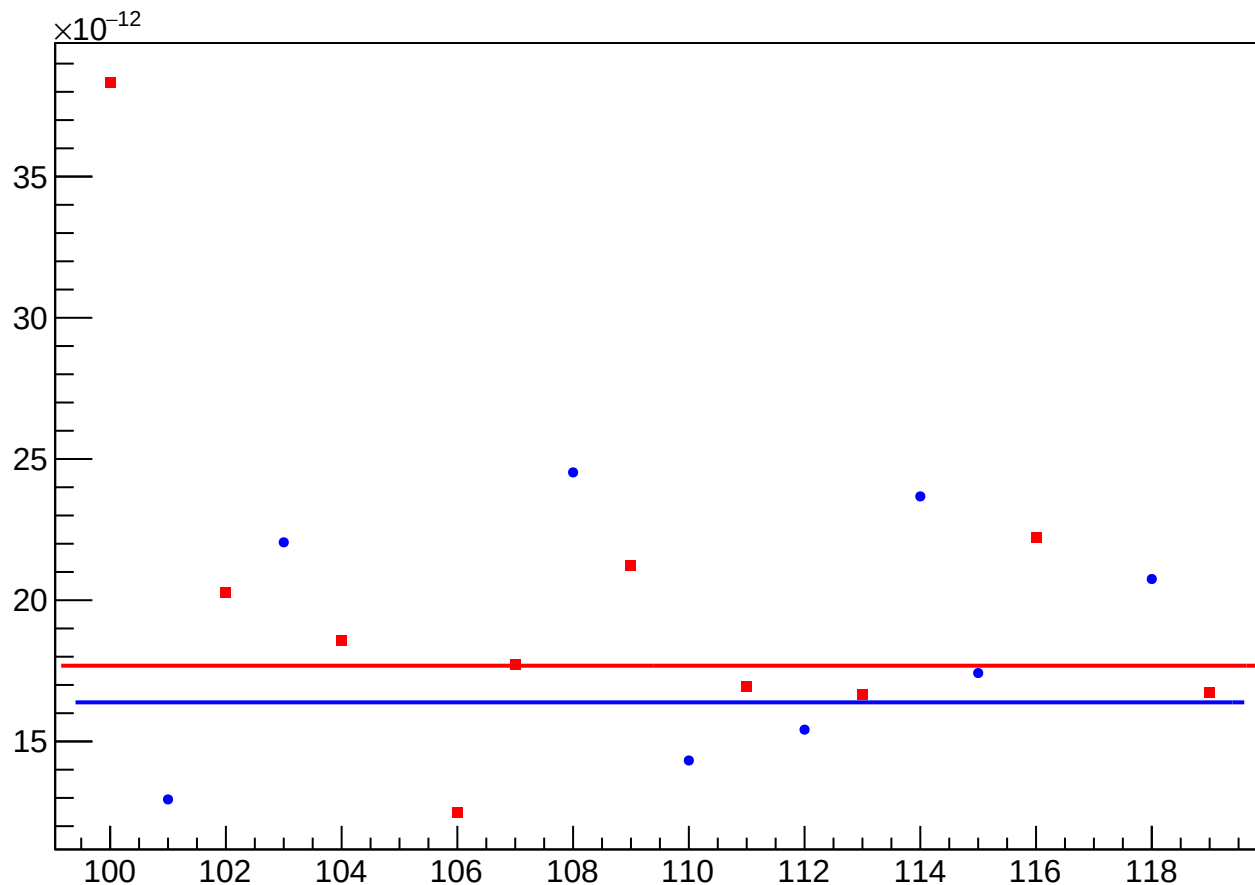
Right: -0.000+/-0.000 χ^2/NDF : 28.9/17

In: -0.000+/-0.000 χ^2/NDF : 14.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.9/17

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 218325.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152010.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

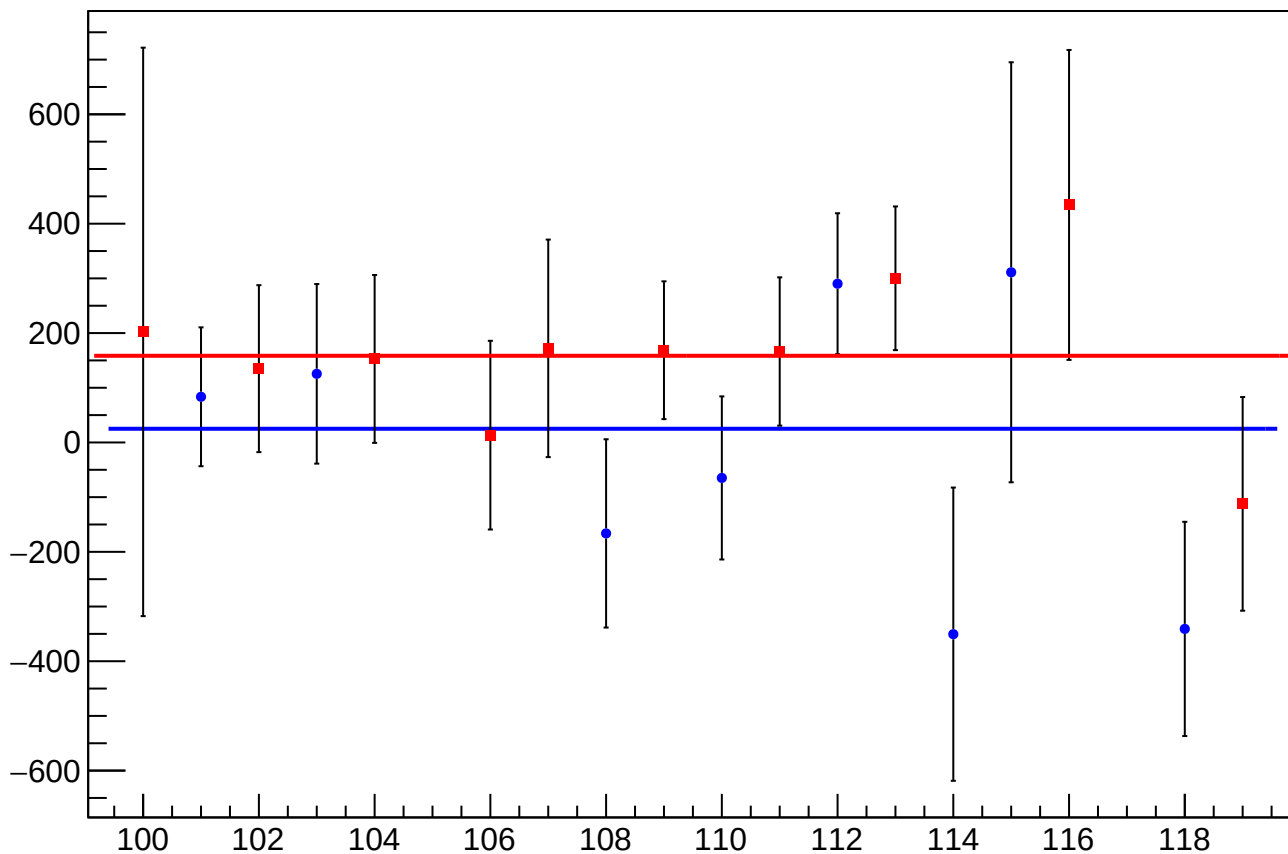
Right: 0.000+/-0.000 χ^2/NDF : 383764.5/17

In: 0.000+/-0.000 χ^2/NDF : 218325.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383764.5/17

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 25.039+/-59.252 χ^2/NDF : 12.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.458+/-52.562 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

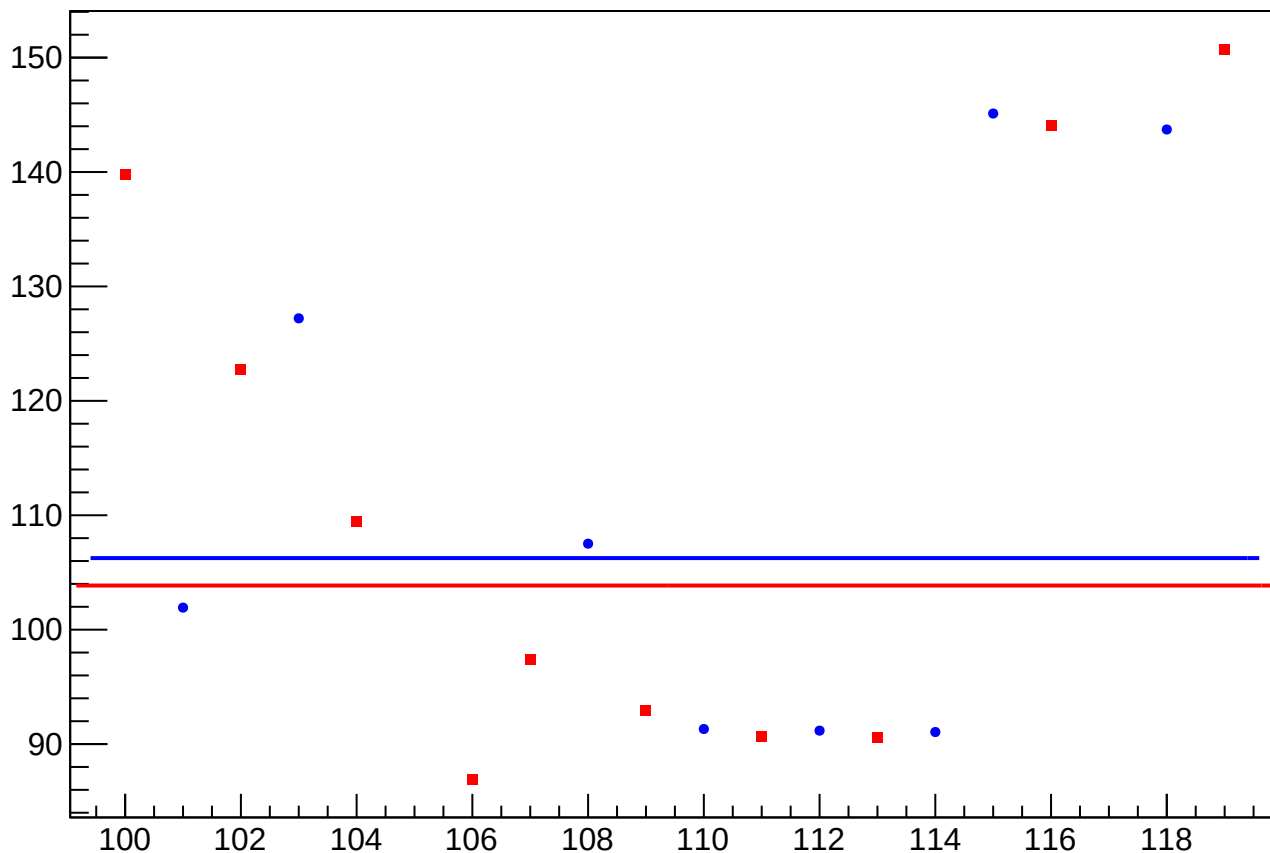
Right: 99.702+/-39.320 χ^2/NDF : 20.1/17

In: 25.039+/-59.252 χ^2/NDF : 12.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.702+/-39.320 χ^2/NDF : 20.1/17

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.256+/-0.042 χ^2/NDF : 182550.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.858+/-0.037 χ^2/NDF : 274200.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

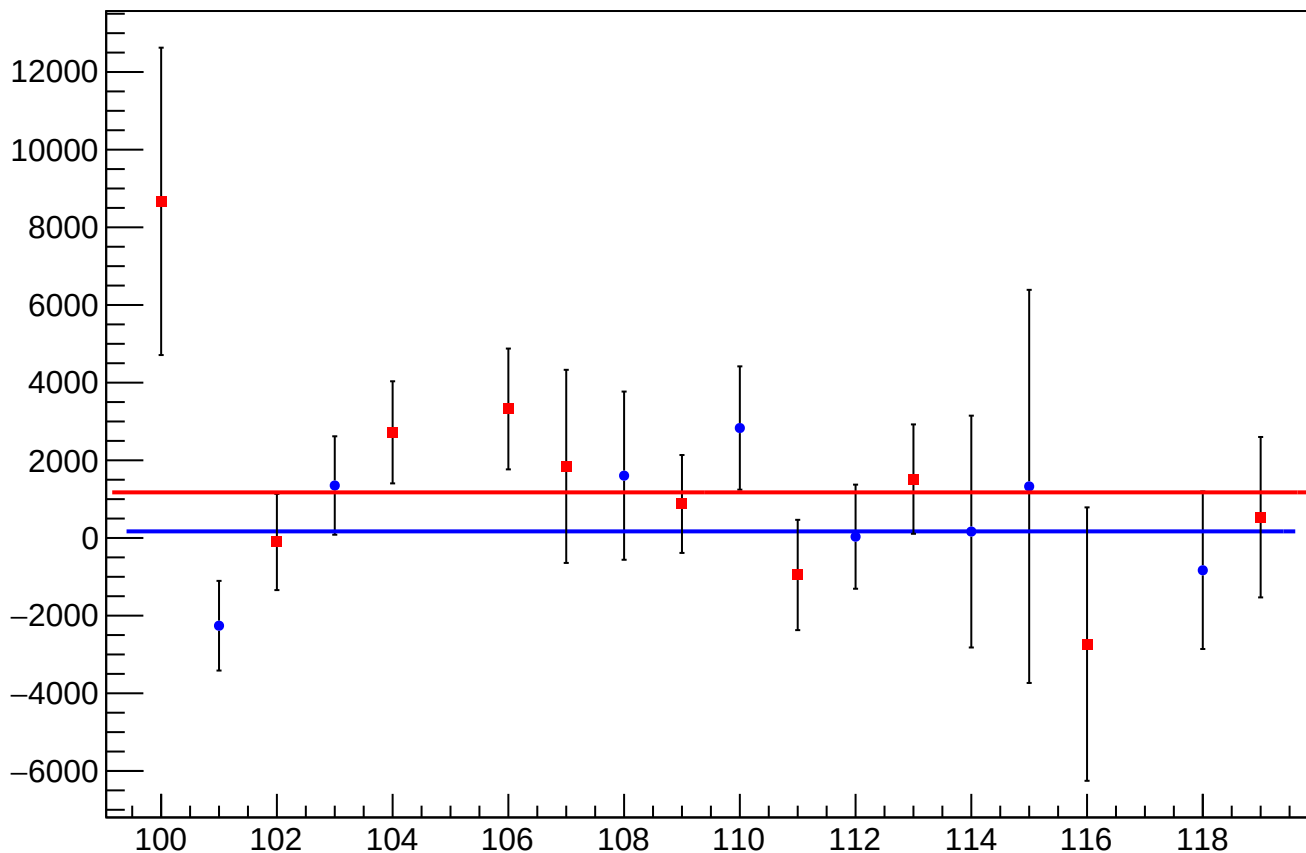
Right: 104.914+/-0.028 χ^2/NDF : 458584.7/17

In: 106.256+/-0.042 χ^2/NDF : 182550.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.914+/-0.028 χ^2/NDF : 458584.7/17

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 169.885+/-583.887 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1174.528+/-512.114 χ^2/NDF : 11.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

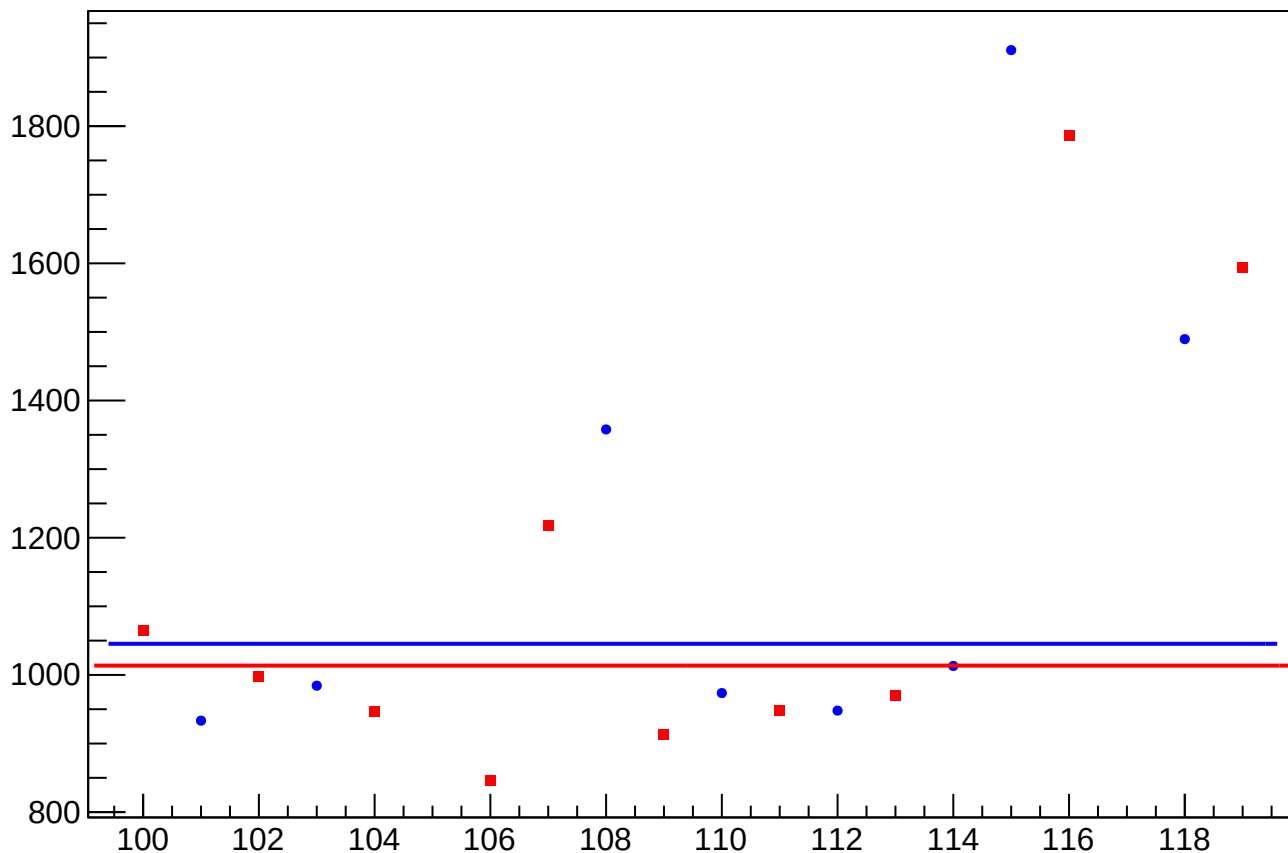
Right: 737.715+/-385.008 χ^2/NDF : 22.2/17

In: 169.885+/-583.887 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.715+/-385.008 χ^2/NDF : 22.2/17

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1045.394+/-0.413 χ^2/NDF : 234375.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1013.588+/-0.362 χ^2/NDF : 315128.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

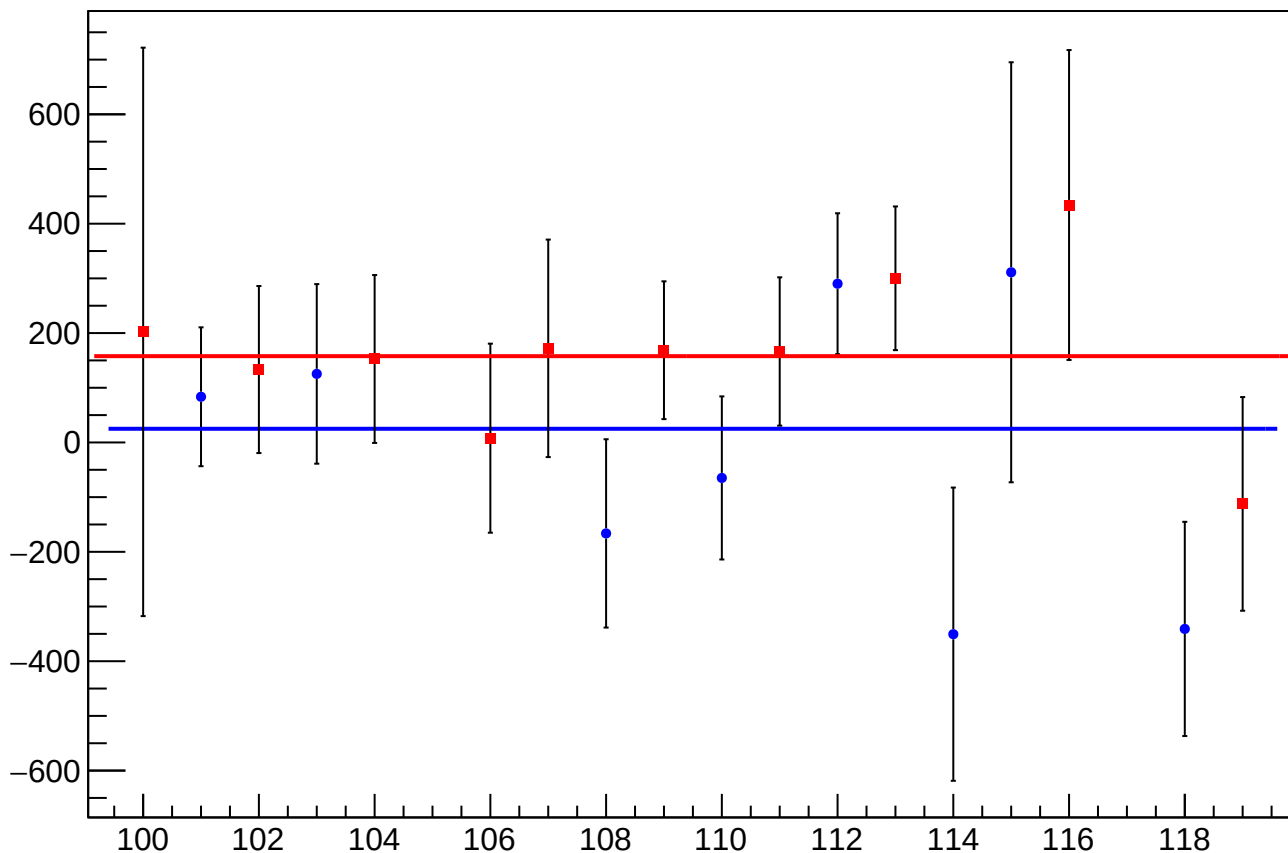
Right: 1027.417+/-0.272 χ^2/NDF : 552858.7/17

In: 1045.394+/-0.413 χ^2/NDF : 234375.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1027.417+/-0.272 χ^2/NDF : 552858.7/17

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 25.010+/-59.252 χ^2/NDF : 12.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.784+/-52.574 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

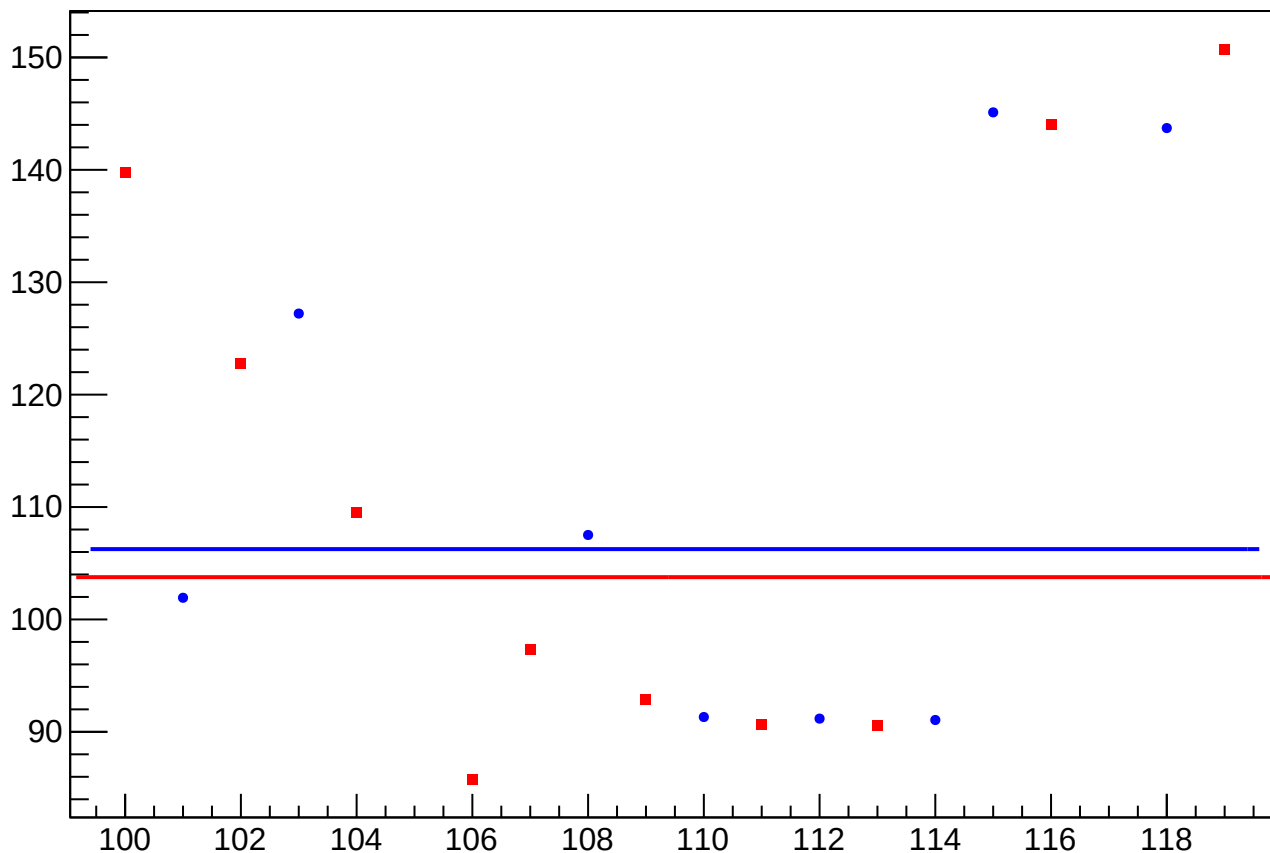
Right: 99.298+/-39.325 χ^2/NDF : 20.1/17

In: 25.010+/-59.252 χ^2/NDF : 12.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.298+/-39.325 χ^2/NDF : 20.1/17

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.256+/-0.042 χ^2/NDF : 182552.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.762+/-0.037 χ^2/NDF : 276936.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

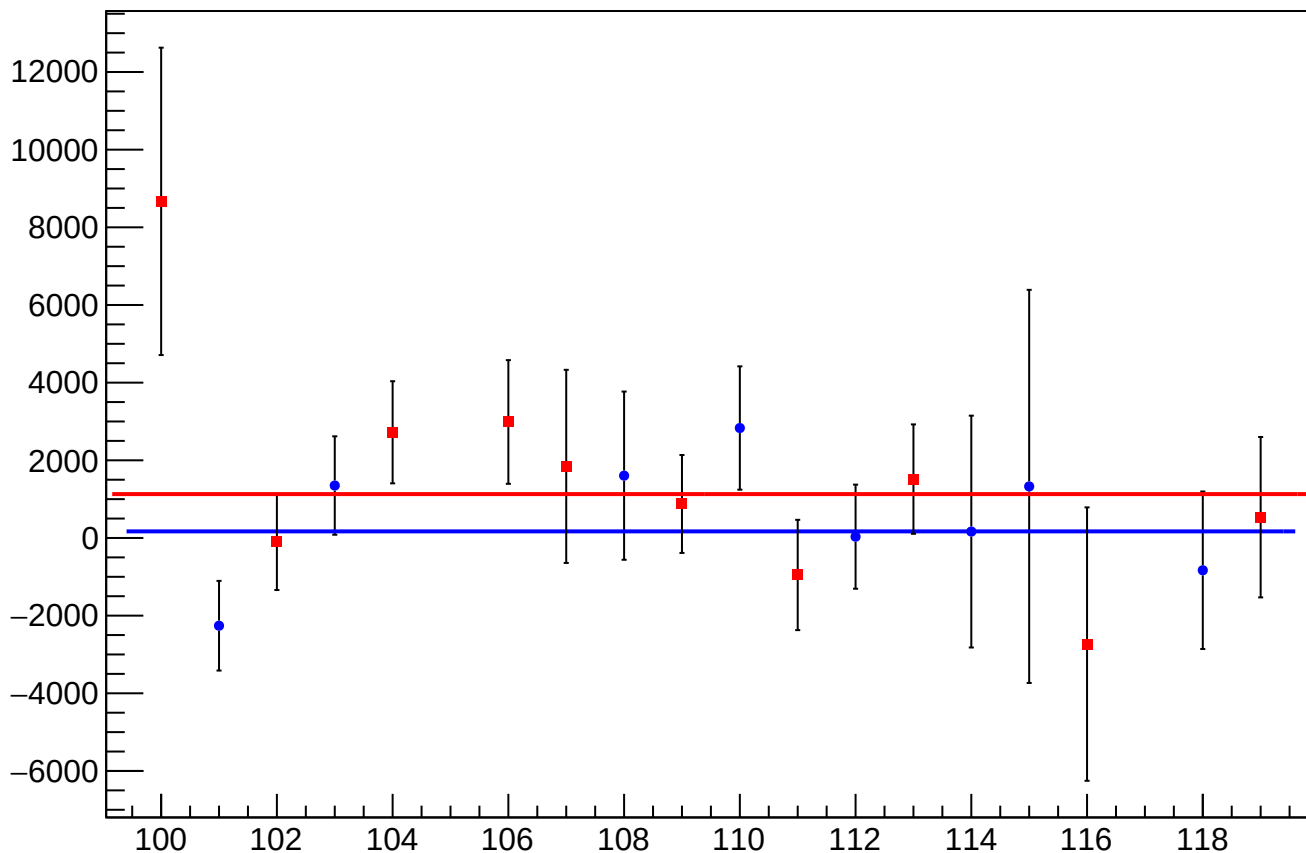
Right: 104.861+/-0.028 χ^2/NDF : 461471.4/17

In: 106.256+/-0.042 χ^2/NDF : 182552.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.861+/-0.028 χ^2/NDF : 461471.4/17

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 169.722+/-583.894 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1129.690+/-513.420 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

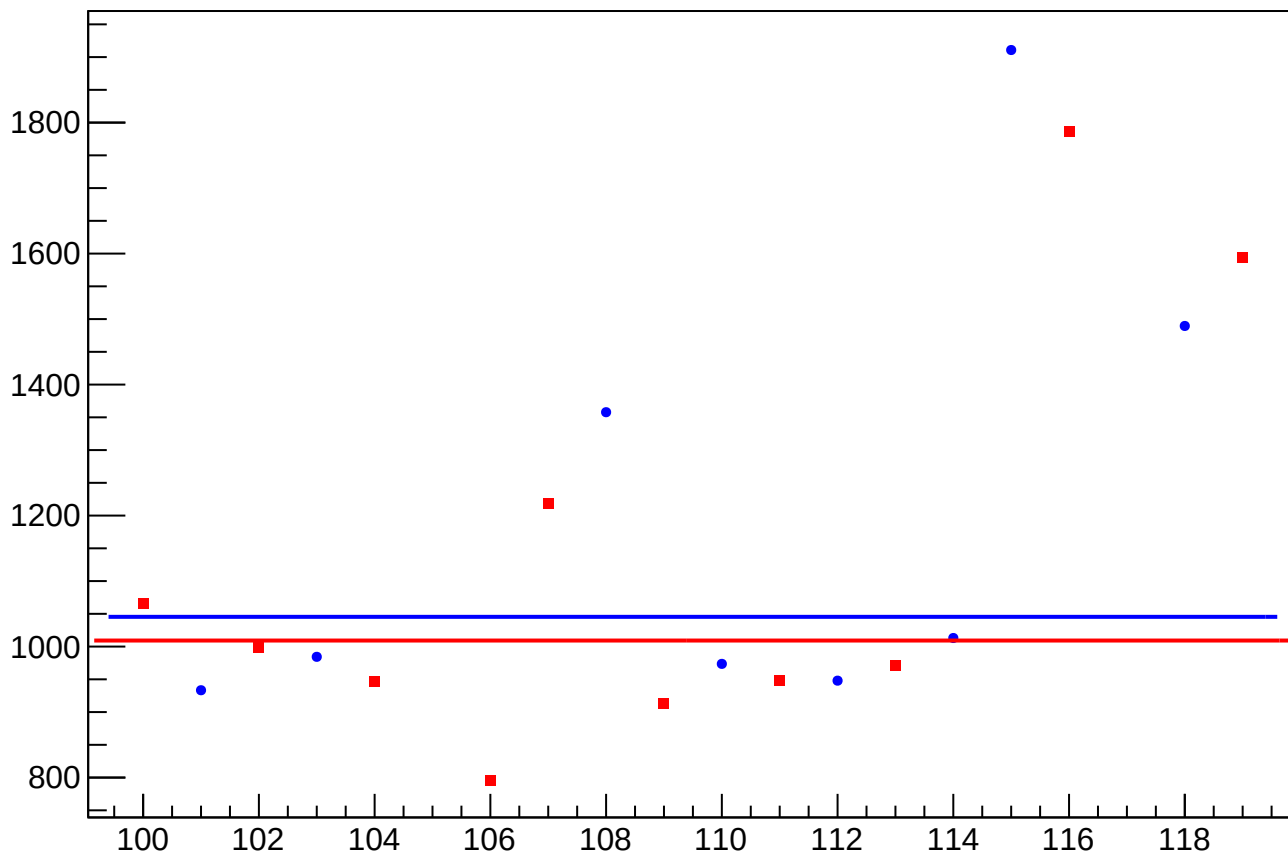
Right: 711.106+/-385.565 χ^2/NDF : 21.5/17

In: 169.722+/-583.894 χ^2/NDF :8.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 711.106+/-385.565 χ^2/NDF : 21.5/17

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1045.408+/-0.413 χ^2/NDF : 234365.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.225+/-0.363 χ^2/NDF : 329232.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

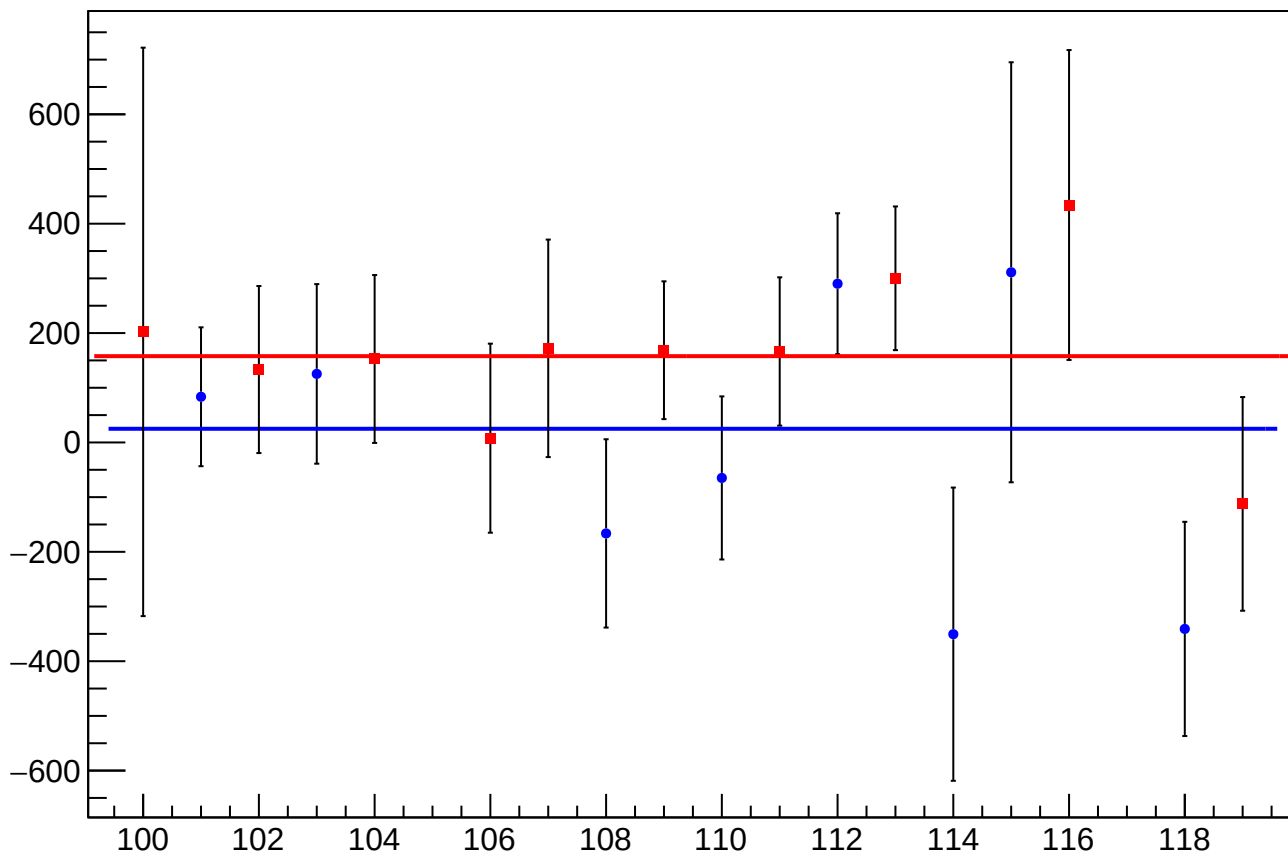
Right: 1025.002+/-0.273 χ^2/NDF : 567928.5/17

In: 1045.408+/-0.413 χ^2/NDF : 234365.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.002+/-0.273 χ^2/NDF : 567928.5/17

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 25.010+/-59.252 χ^2/NDF : 12.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.784+/-52.574 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

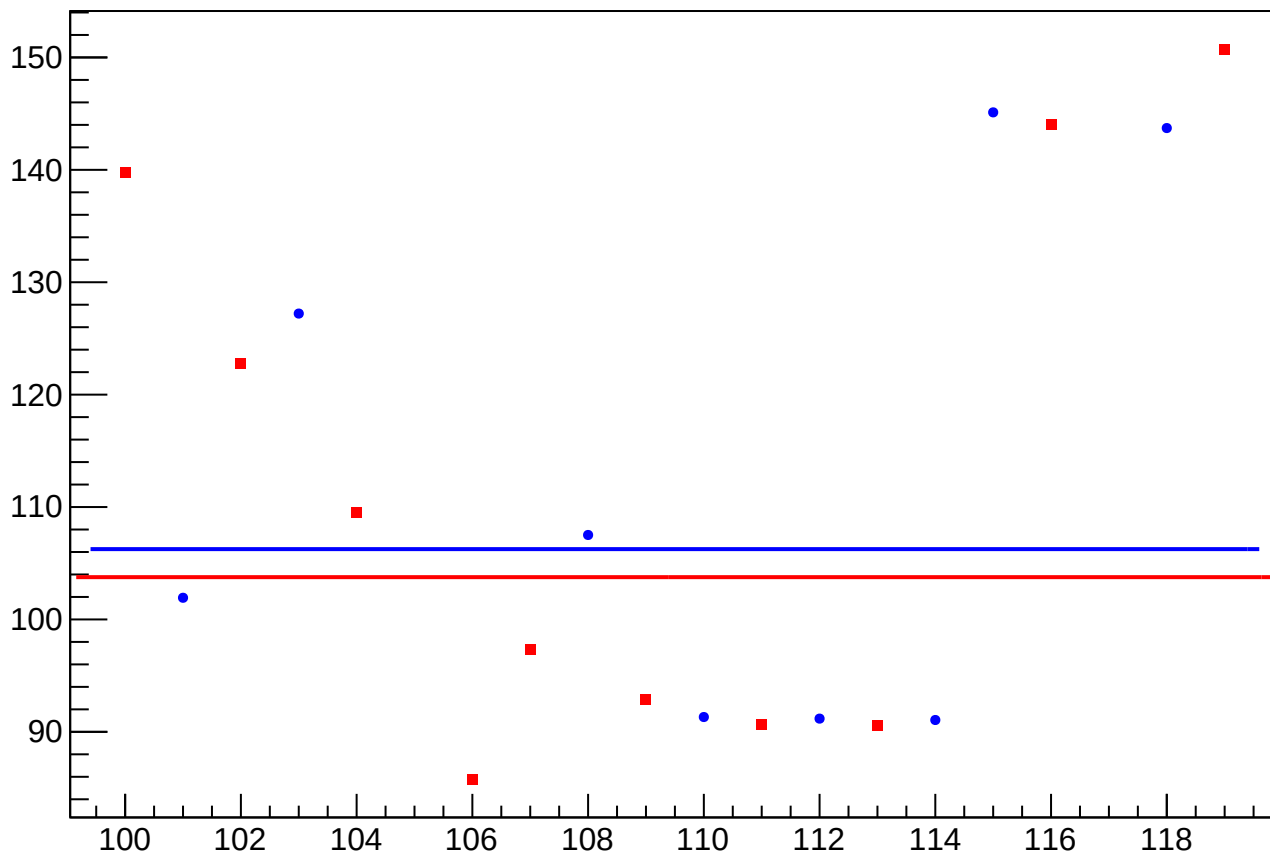
Right: 99.298+/-39.325 χ^2/NDF : 20.1/17

In: 25.010+/-59.252 χ^2/NDF : 12.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.298+/-39.325 χ^2/NDF : 20.1/17

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 106.256+/-0.042 χ^2/NDF : 182552.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.762+/-0.037 χ^2/NDF : 276936.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

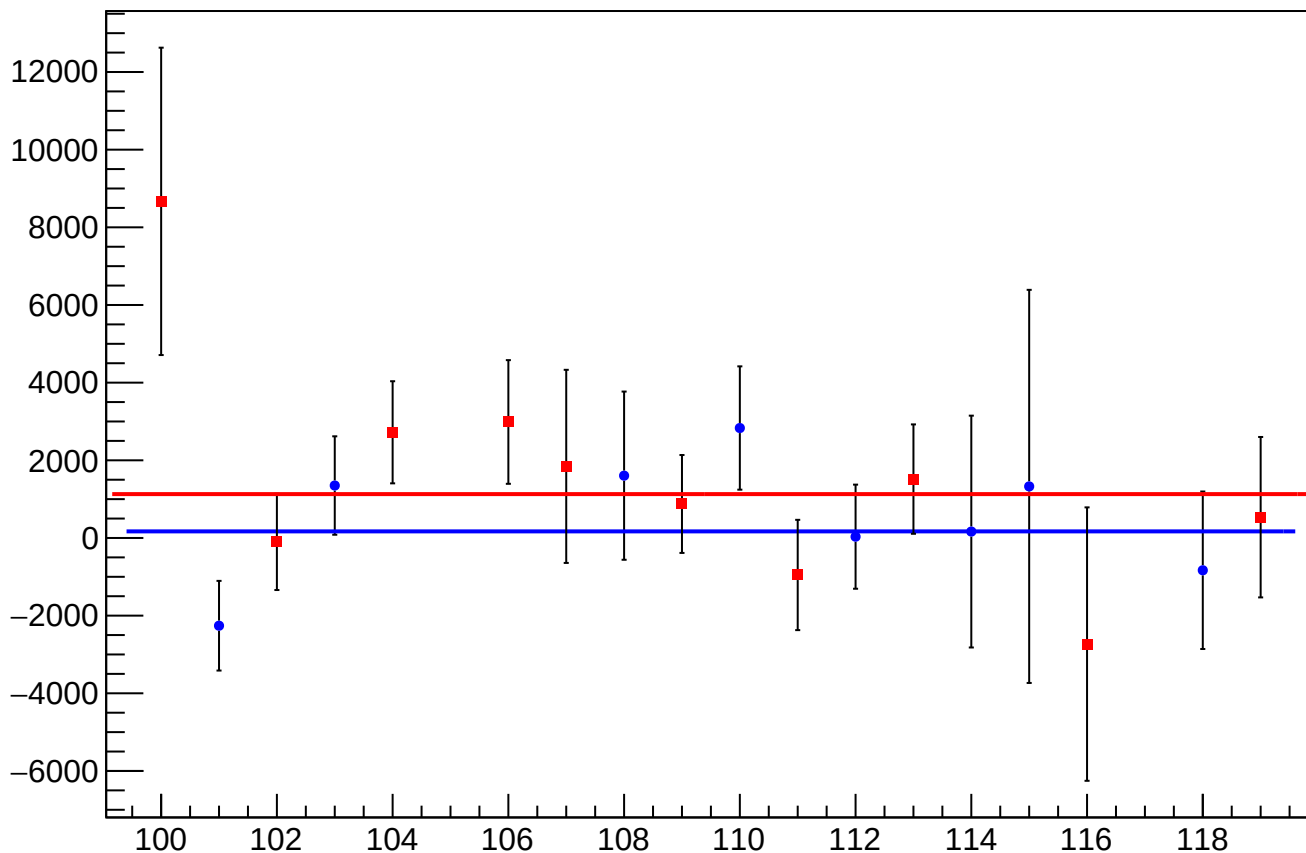
Right: 104.861+/-0.028 χ^2/NDF : 461471.4/17

In: 106.256+/-0.042 χ^2/NDF : 182552.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.861+/-0.028 χ^2/NDF : 461471.4/17

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 169.722+/-583.894 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.690+/-513.420 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

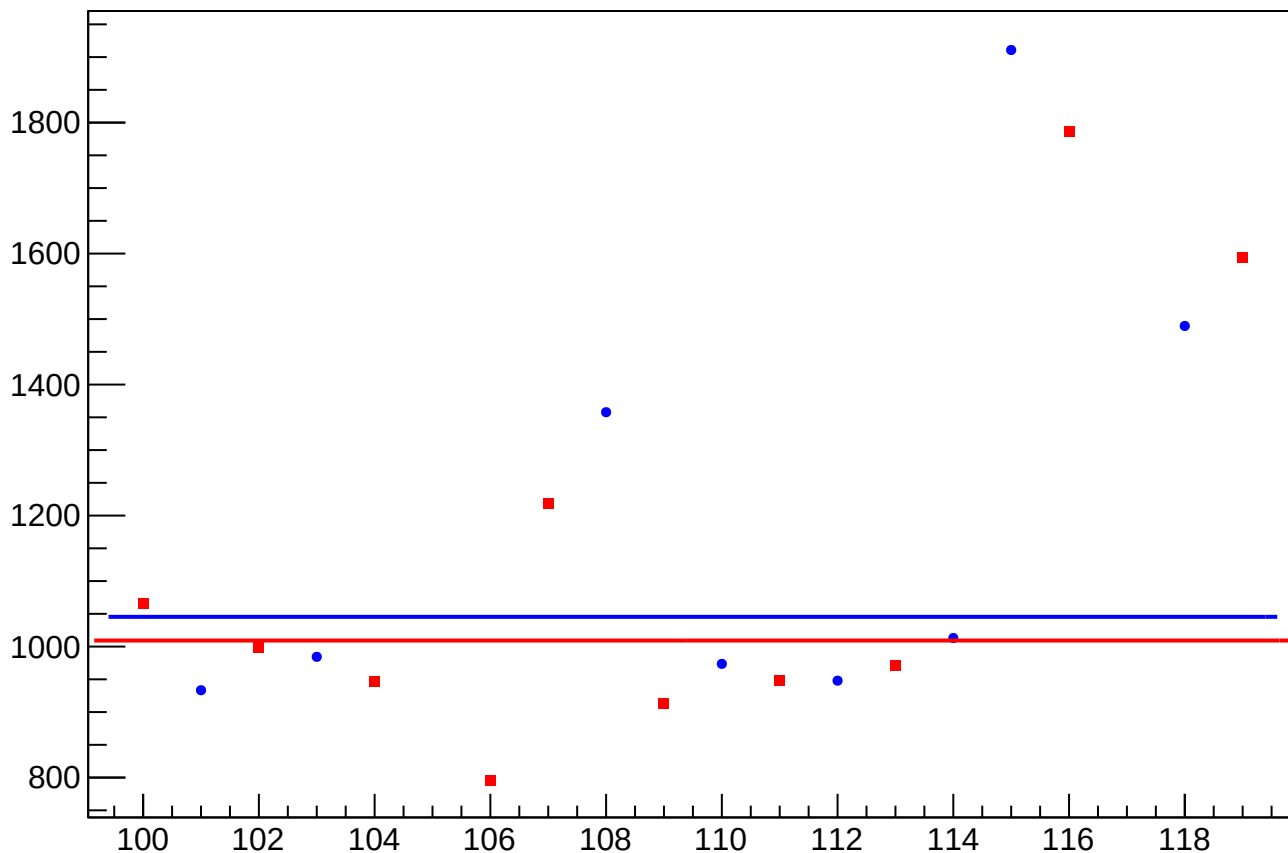
Right: 711.106+/-385.565 χ^2/NDF : 21.5/17

In: 169.722+/-583.894 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.106+/-385.565 χ^2/NDF : 21.5/17

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1045.408+/-0.413 χ^2/NDF : 234365.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1009.225+/-0.363 χ^2/NDF : 329232.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

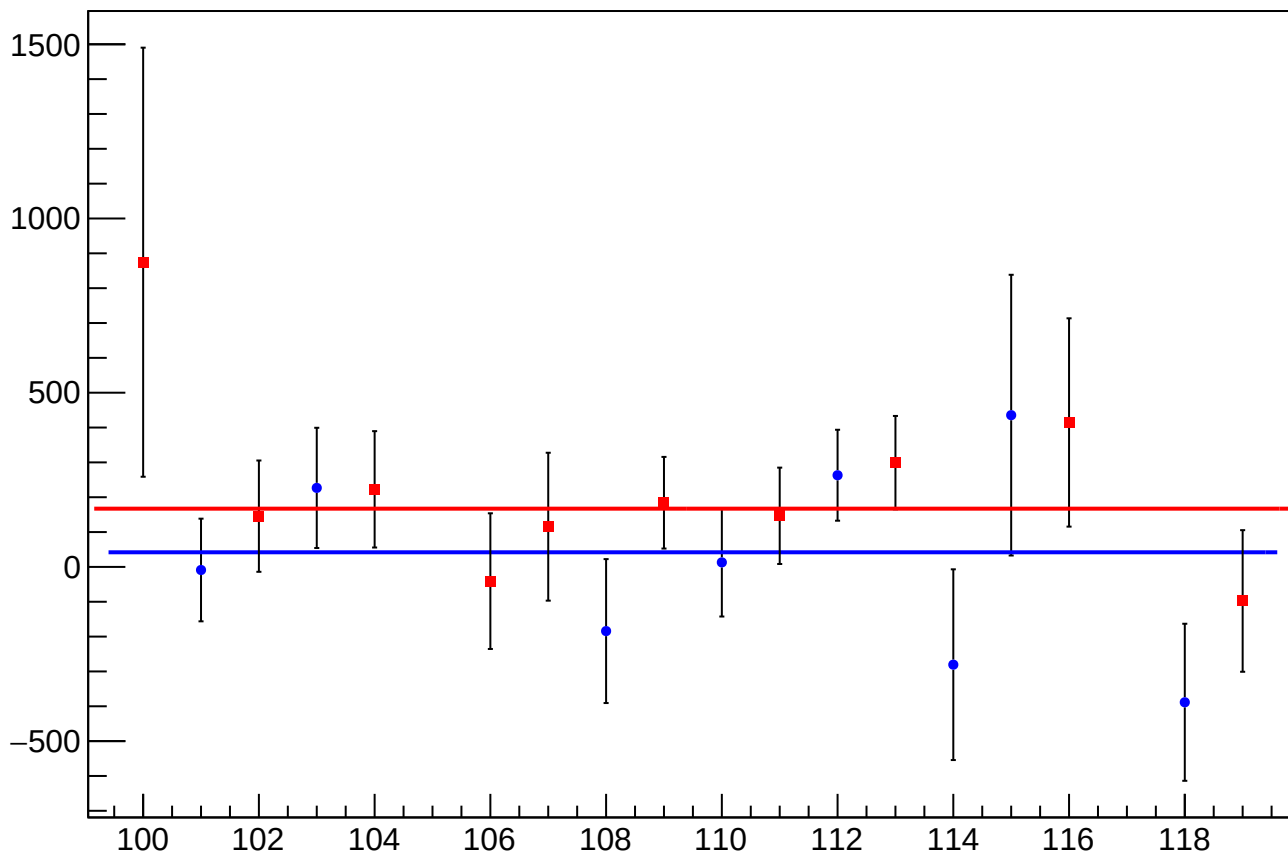
Right: 1025.002+/-0.273 χ^2/NDF : 567928.5/17

In: 1045.408+/-0.413 χ^2/NDF :234365.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1025.002+/-0.273 χ^2/NDF : 567928.5/17

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 41.970+/-64.225 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.174+/-55.260 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

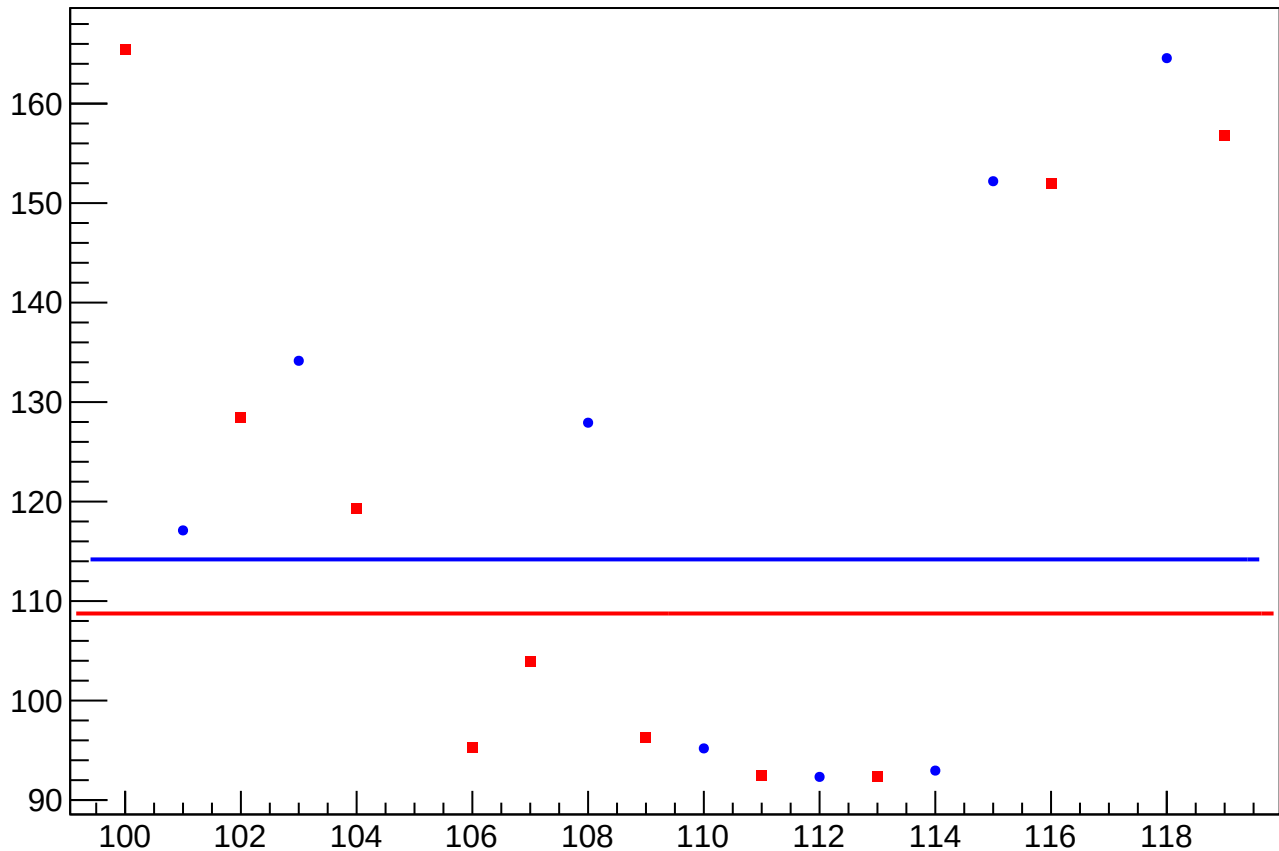
Right: 113.914+/-41.889 χ^2/NDF : 19.6/17

In: 41.970+/-64.225 χ^2/NDF : 11.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.914+/-41.889 χ^2/NDF : 19.6/17

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 114.187+/-0.045 χ^2/NDF : 252179.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.751+/-0.039 χ^2/NDF : 295241.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

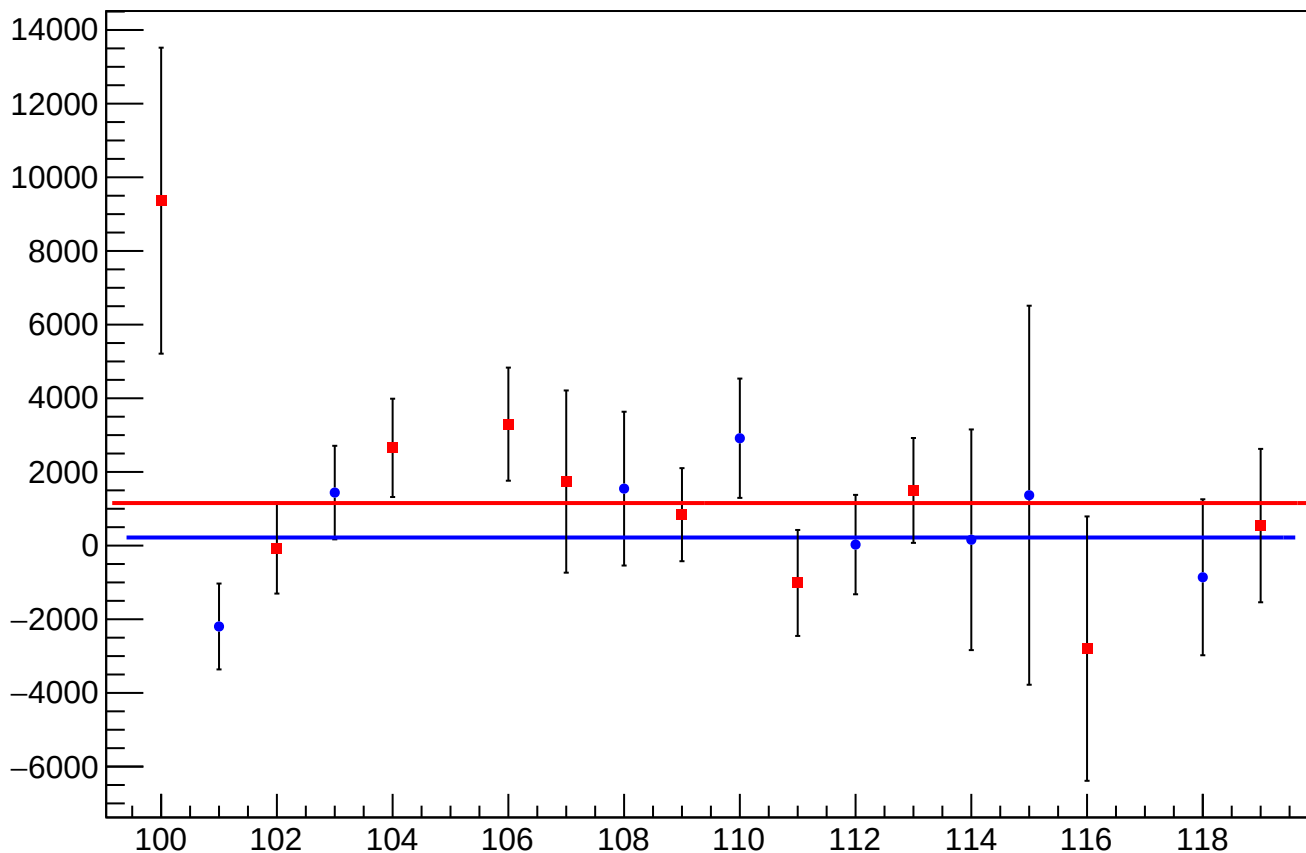
Right: 111.064+/-0.030 χ^2/NDF : 555654.8/17

In: 114.187+/-0.045 χ^2/NDF : 252179.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.064+/-0.030 χ^2/NDF : 555654.8/17

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 220.015+/-588.464 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1155.173+/-514.974 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

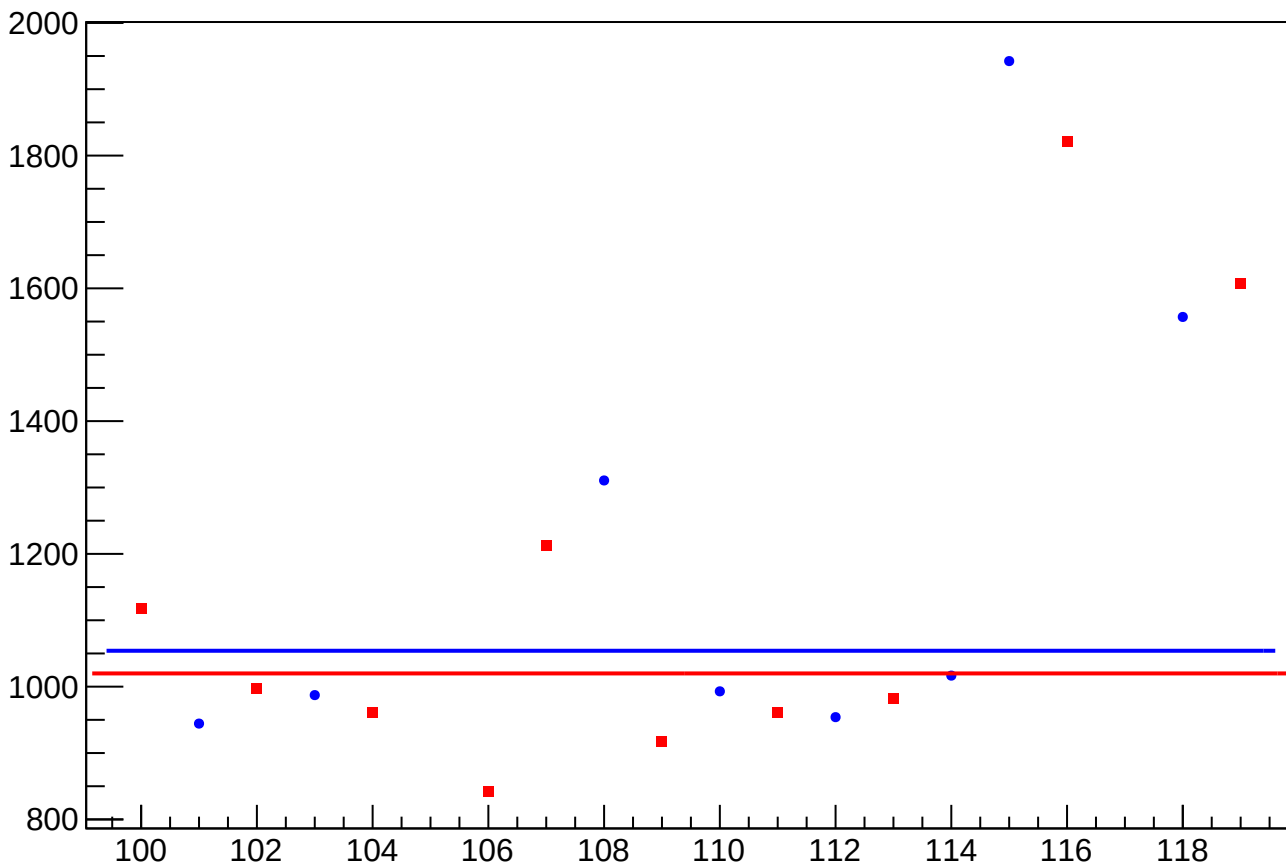
Right: 749.602+/-387.535 χ^2/NDF : 22.0/17

In: 220.015+/-588.464 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.602+/-387.535 χ^2/NDF : 22.0/17

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1054.066+/-0.416 χ^2/NDF : 239958.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.921+/-0.364 χ^2/NDF : 321048.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

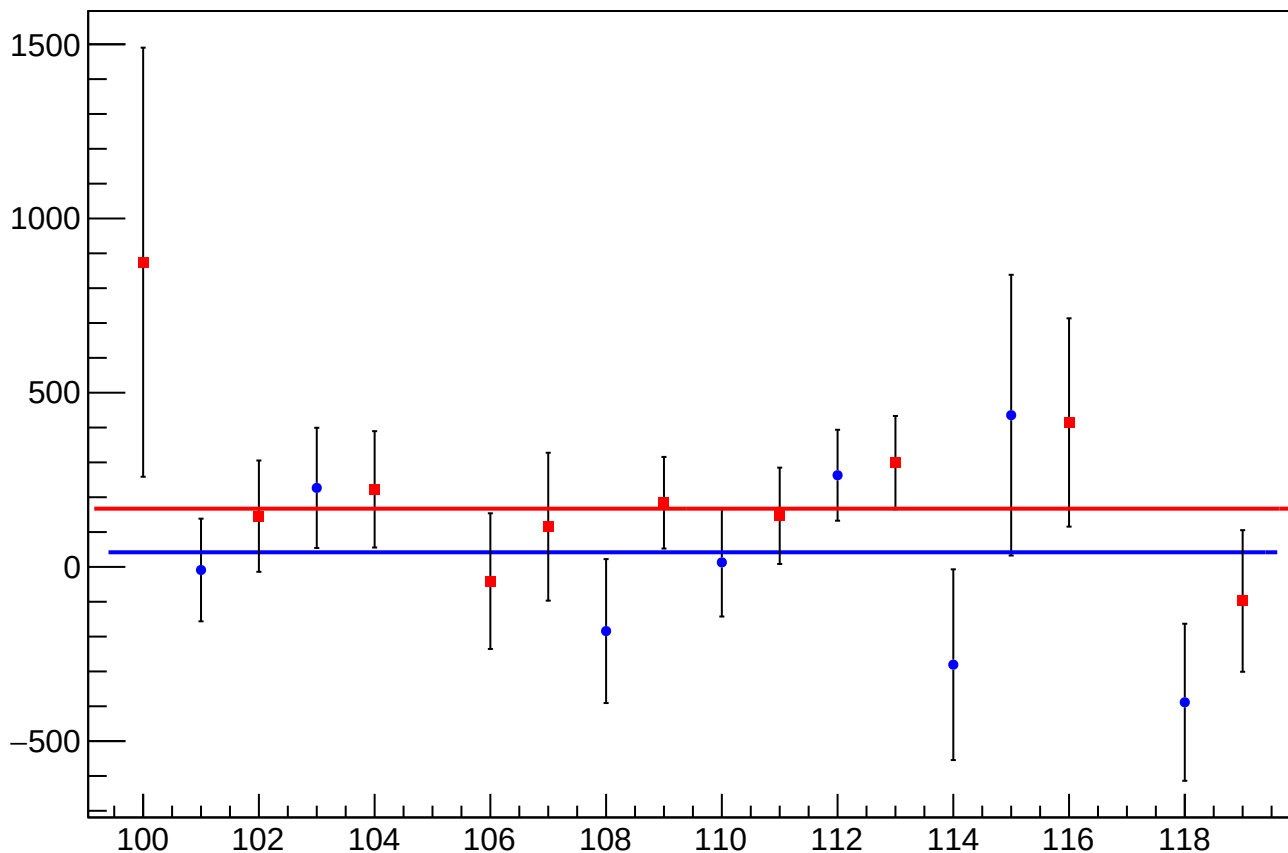
Right: 1034.729+/-0.274 χ^2/NDF : 564819.5/17

In: 1054.066+/-0.416 χ^2/NDF : 239958.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.729+/-0.274 χ^2/NDF : 564819.5/17

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 41.970+/-64.225 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.174+/-55.260 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

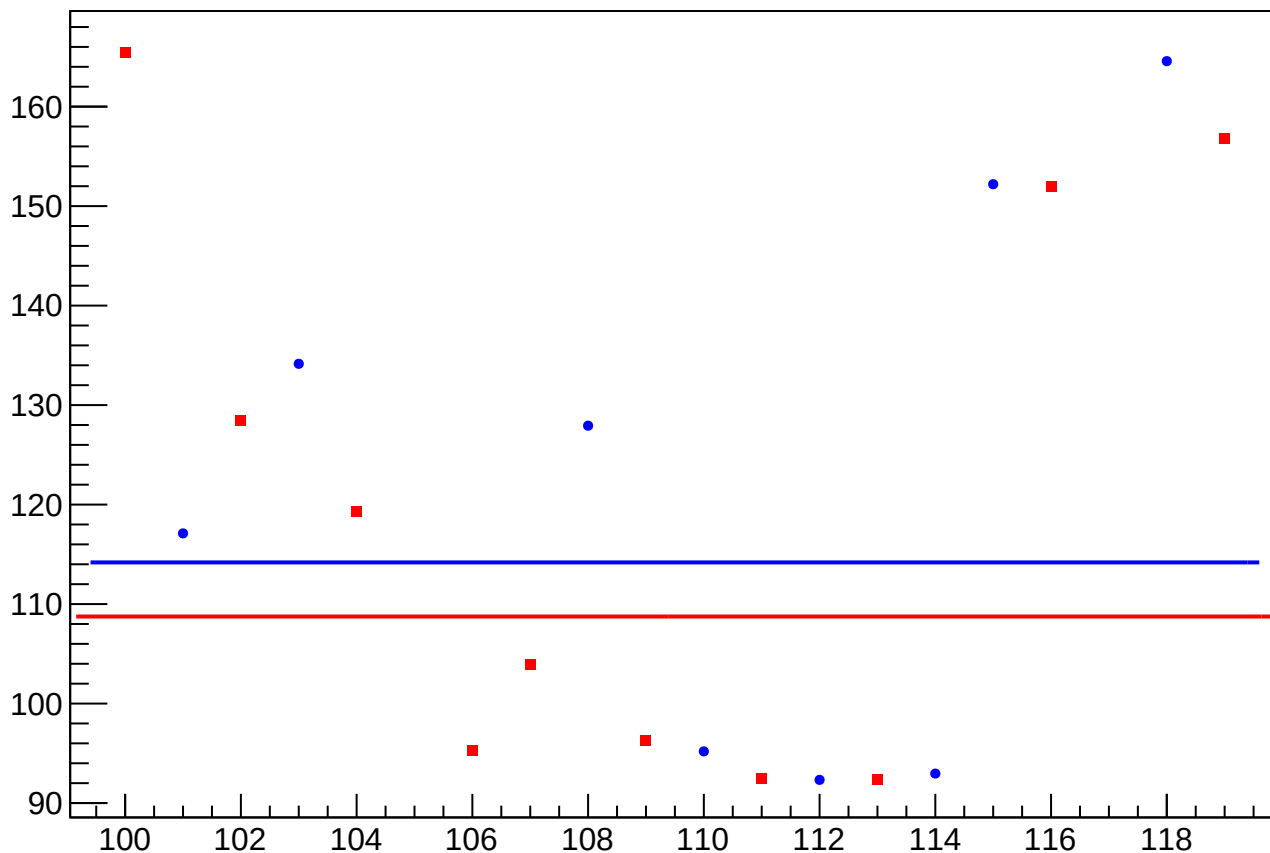
Right: 113.913+/-41.889 χ^2/NDF : 19.6/17

In: 41.970+/-64.225 χ^2/NDF : 11.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.913+/-41.889 χ^2/NDF : 19.6/17

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 114.187+/-0.045 χ^2/NDF : 252184.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.751+/-0.039 χ^2/NDF : 295243.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

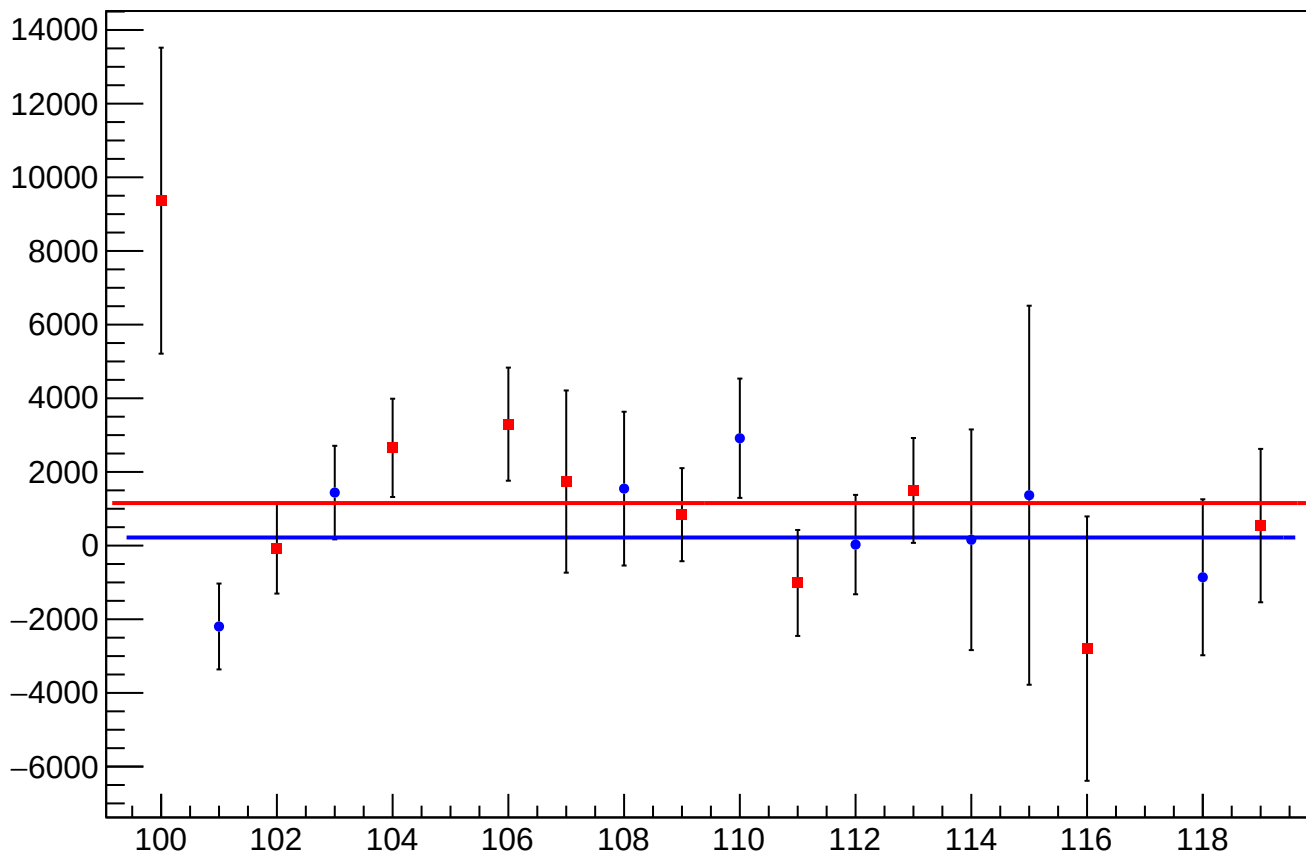
Right: 111.064+/-0.030 χ^2/NDF : 555661.0/17

In: 114.187+/-0.045 χ^2/NDF : 252184.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.064+/-0.030 χ^2/NDF : 555661.0/17

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 220.017+/-588.465 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1155.172+/-514.974 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

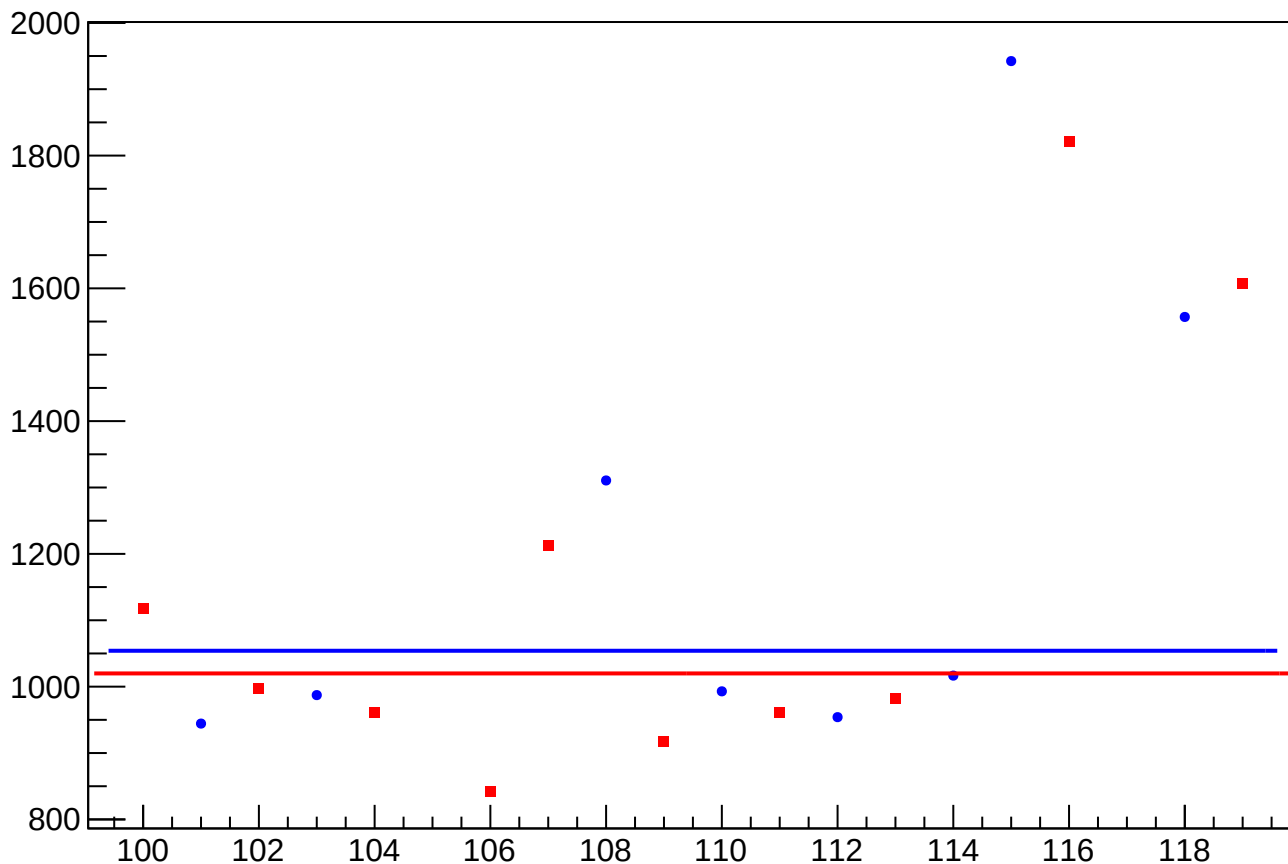
Right: 749.603+/-387.535 χ^2/NDF : 22.0/17

In: 220.017+/-588.465 χ^2/NDF :8.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 749.603+/-387.535 χ^2/NDF : 22.0/17

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1054.066+/-0.416 χ^2/NDF : 239958.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.921+/-0.364 χ^2/NDF : 321049.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

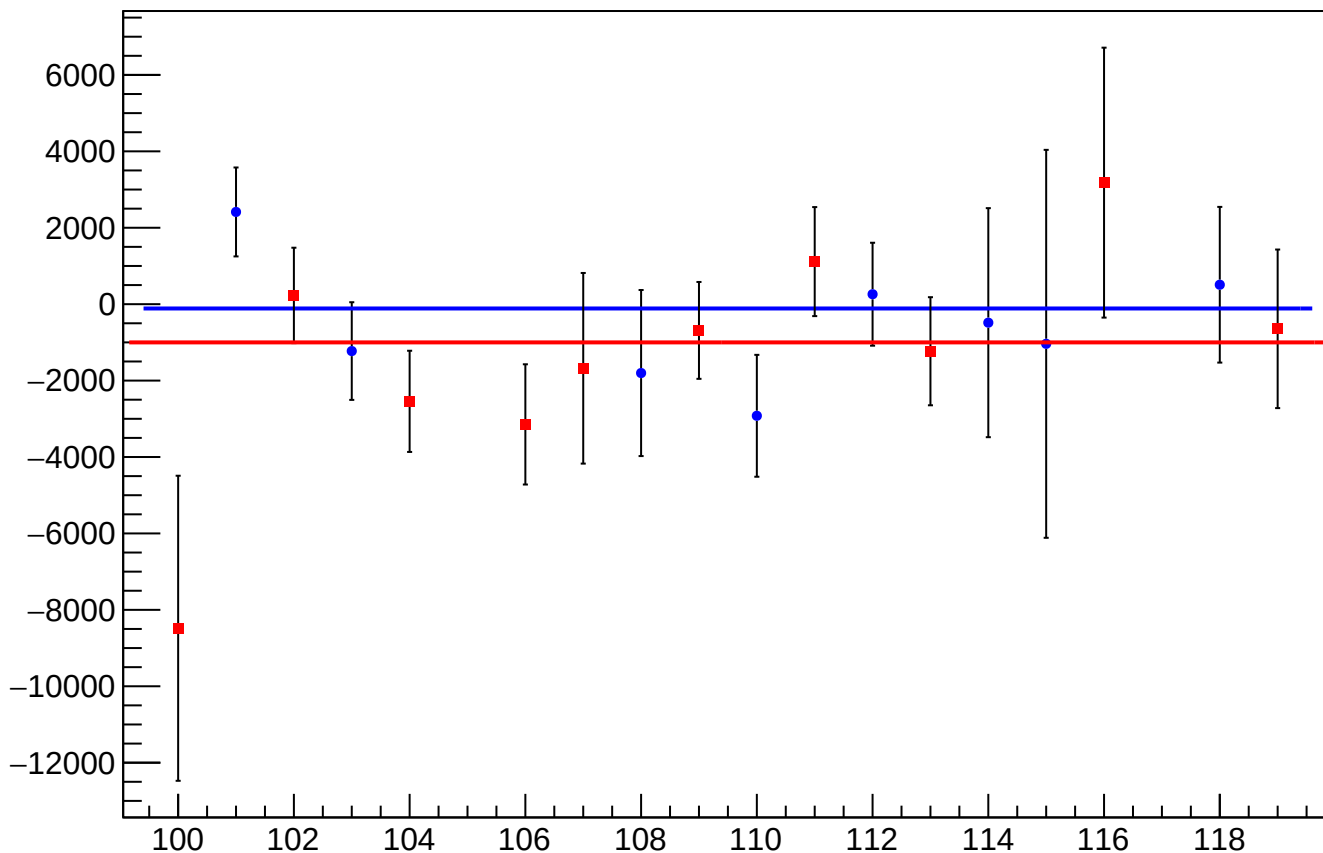
Right: 1034.729+/-0.274 χ^2/NDF : 564820.9/17

In: 1054.066+/-0.416 χ^2/NDF : 239958.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1034.729+/-0.274 χ^2/NDF : 564820.9/17

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: -112.736+/-587.438 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1000.320+/-515.355 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

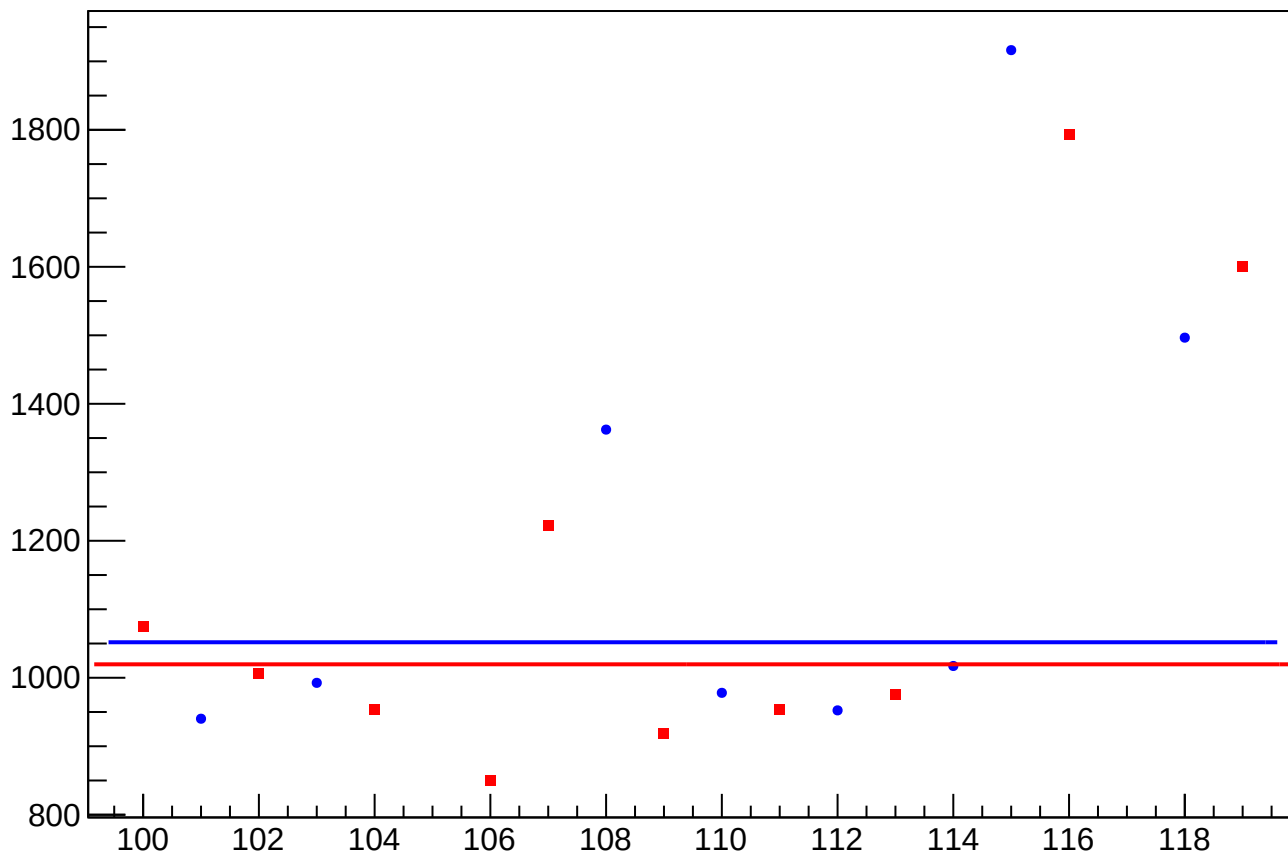
Right: -614.298+/-387.403 χ^2/NDF : 22.2/17

In: -112.736+/-587.438 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -614.298+/-387.403 χ^2/NDF : 22.2/17

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1051.839+/-0.415 χ^2/NDF : 232289.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1019.625+/-0.364 χ^2/NDF : 313571.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

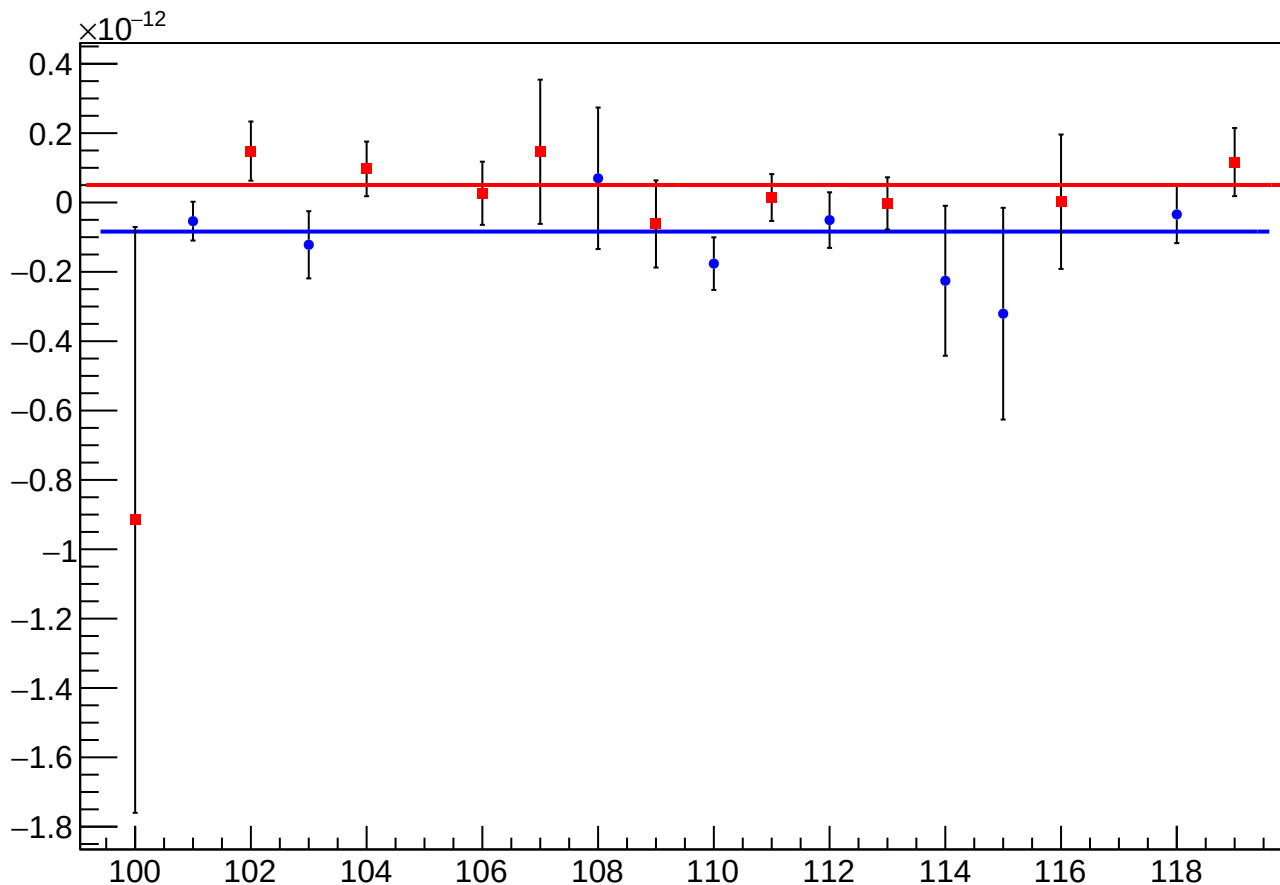
Right: 1033.635+/-0.274 χ^2/NDF : 549259.1/17

In: 1051.839+/-0.415 χ^2/NDF : 232289.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.635+/-0.274 χ^2/NDF : 549259.1/17

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

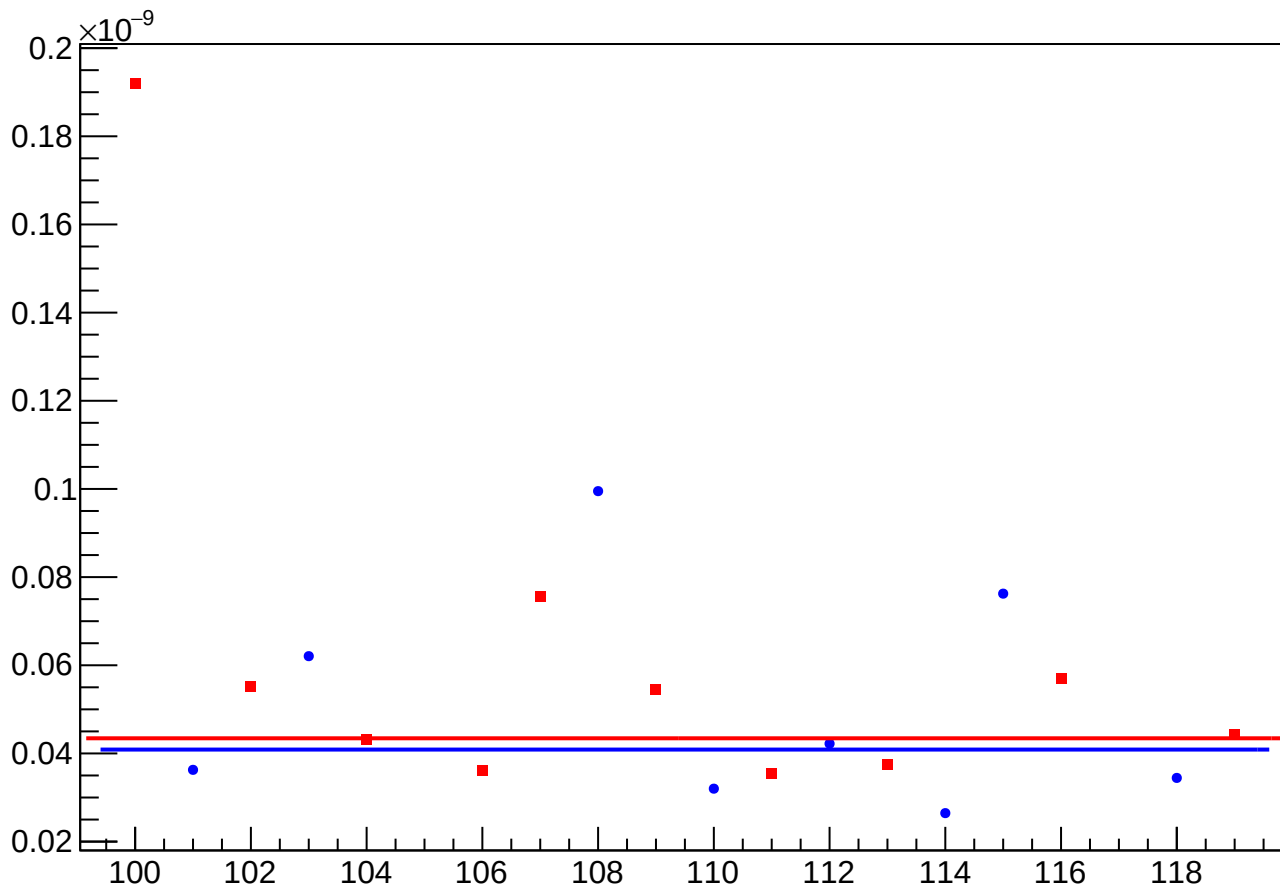
Right: -0.000+/-0.000 χ^2/NDF : 18.4/17

In: -0.000+/-0.000 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.4/17

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350019.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226593.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

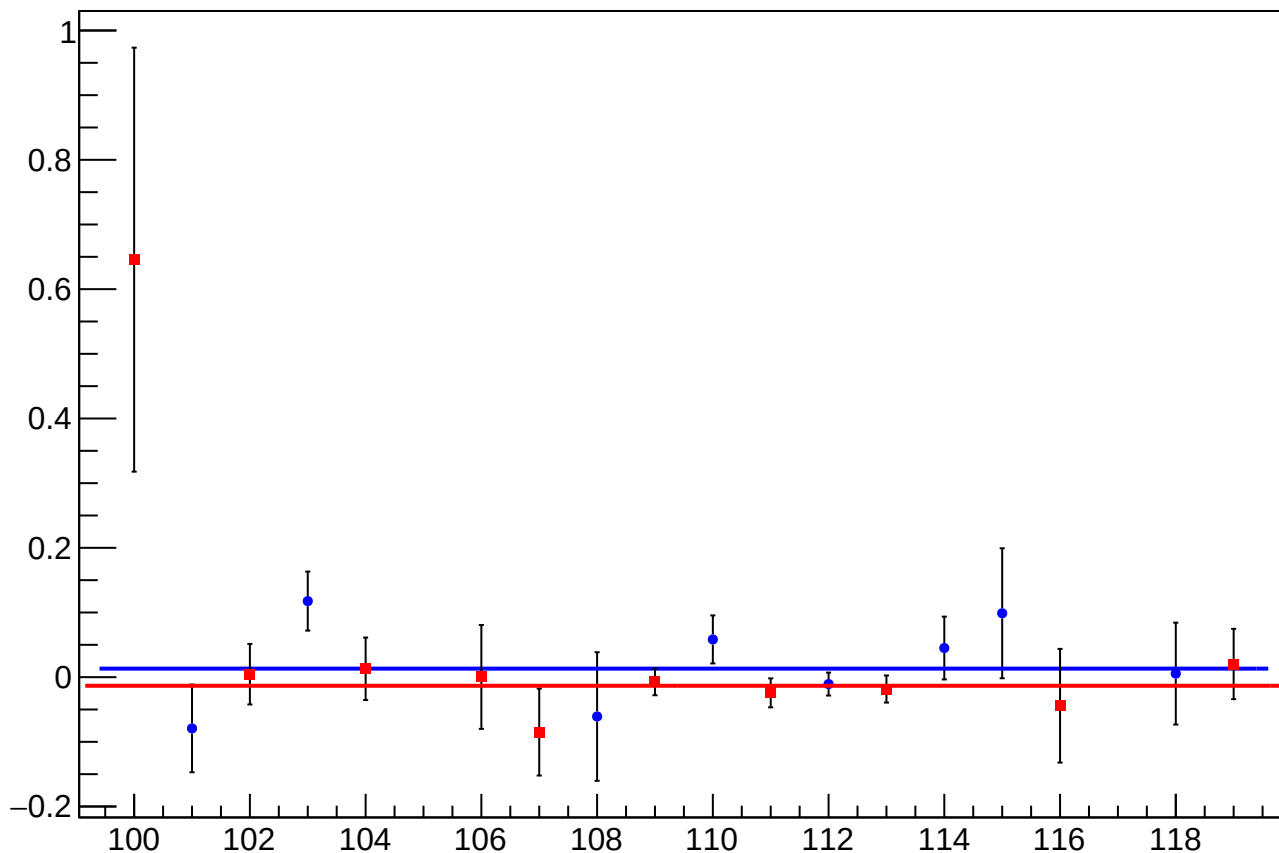
Right: 0.000+/-0.000 χ^2/NDF : 583110.3/17

In: 0.000+/-0.000 χ^2/NDF : 350019.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 583110.3/17

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

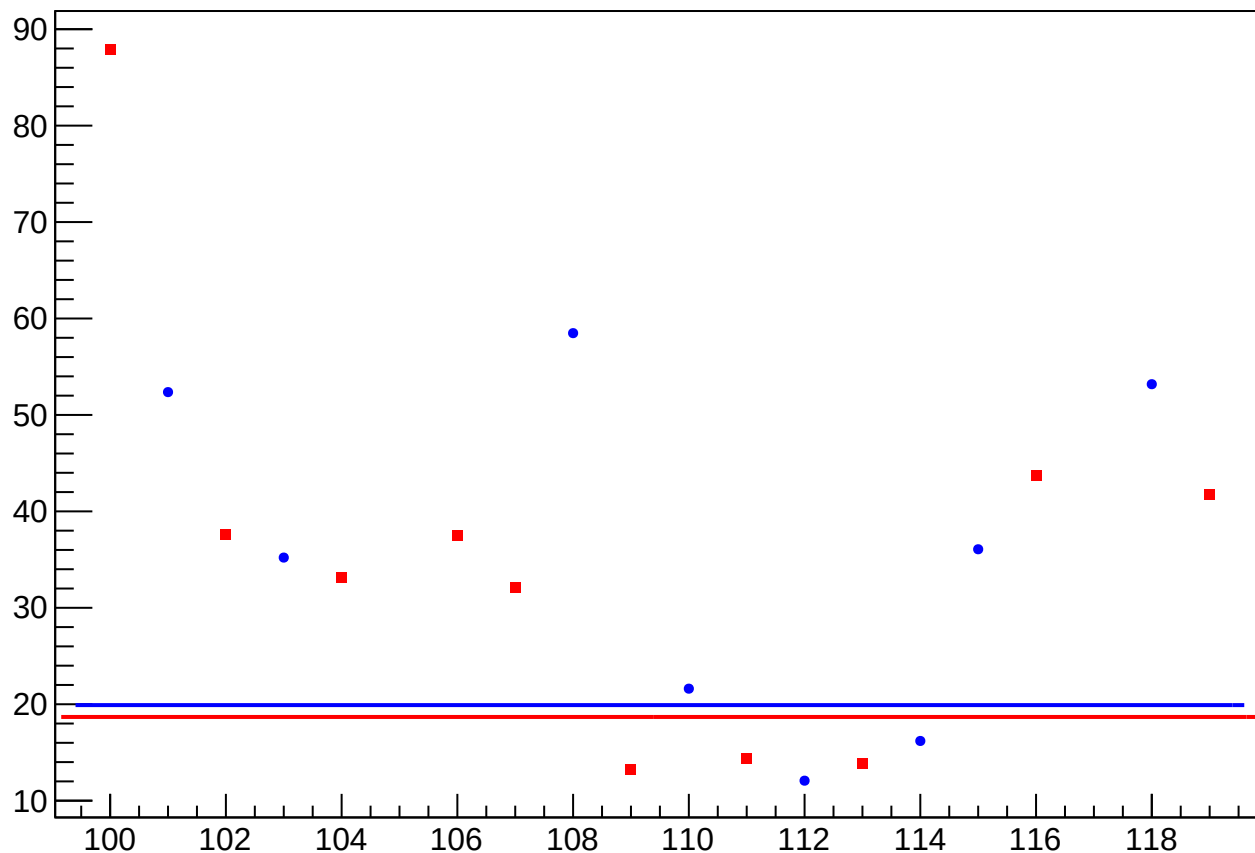
Right: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.911+/-0.010 χ^2/NDF : 1799292.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.682+/-0.008 χ^2/NDF : 1626780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

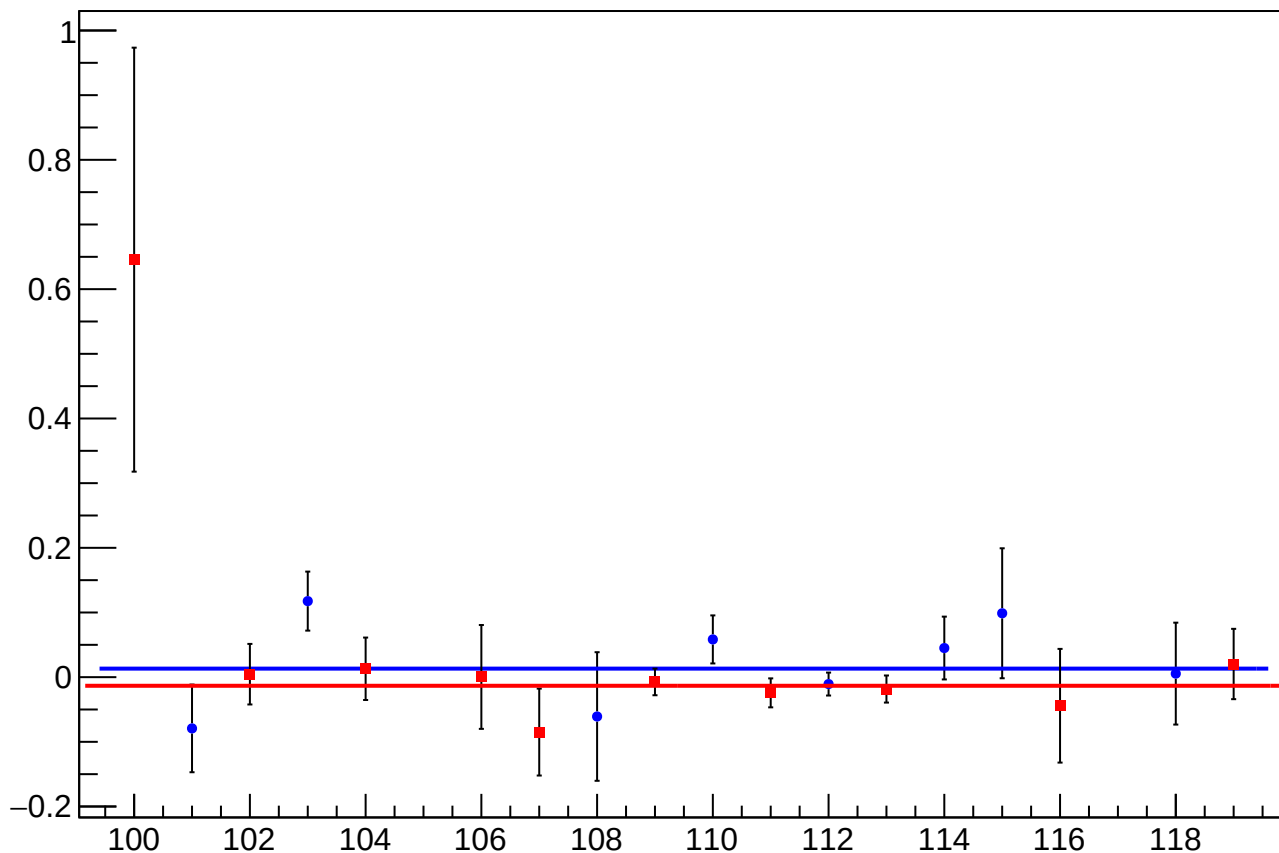
Right: 19.163+/-0.006 χ^2/NDF : 3435982.4/17

In: 19.911+/-0.010 χ^2/NDF : 1799292.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.163+/-0.006 χ^2/NDF : 3435982.4/17

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

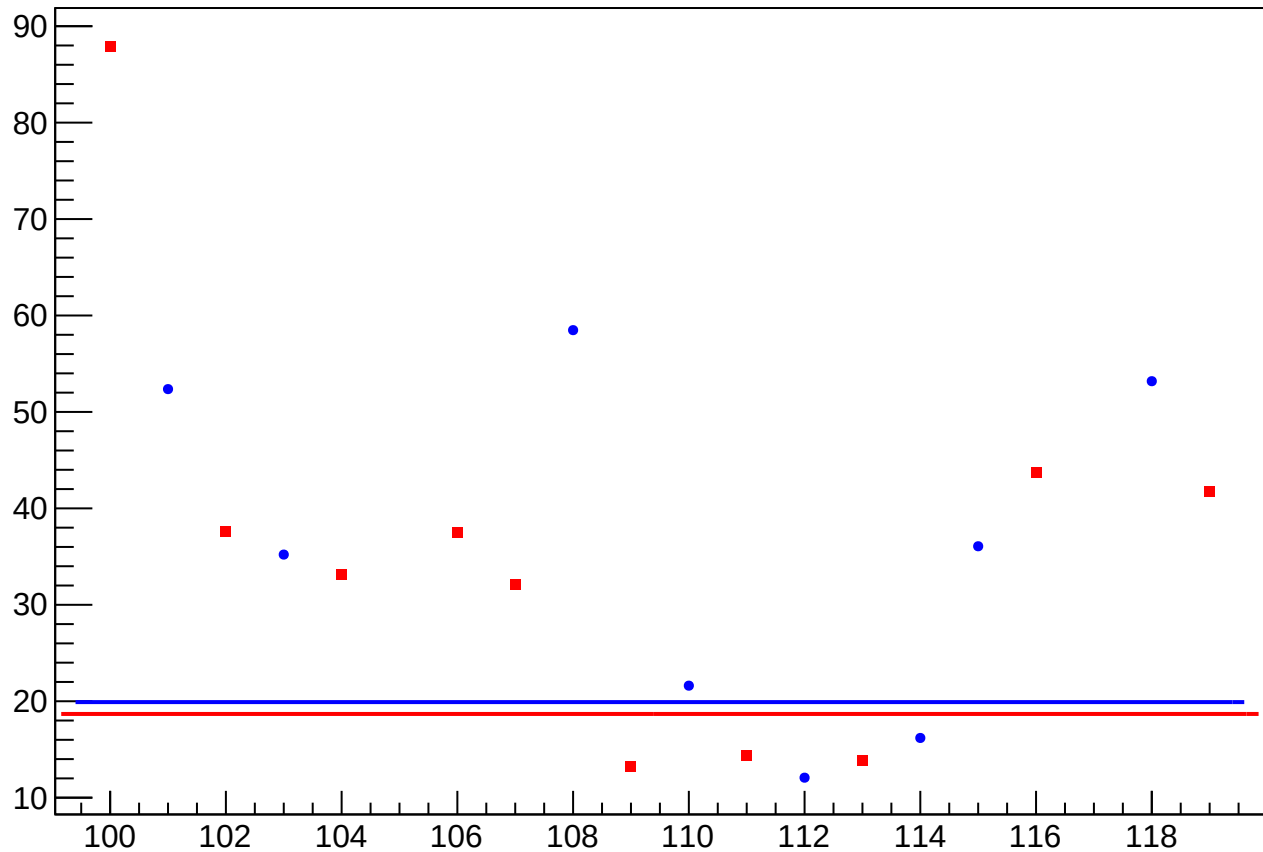
Right: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.911+/-0.010 χ^2/NDF : 1799292.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.682+/-0.008 χ^2/NDF : 1626780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

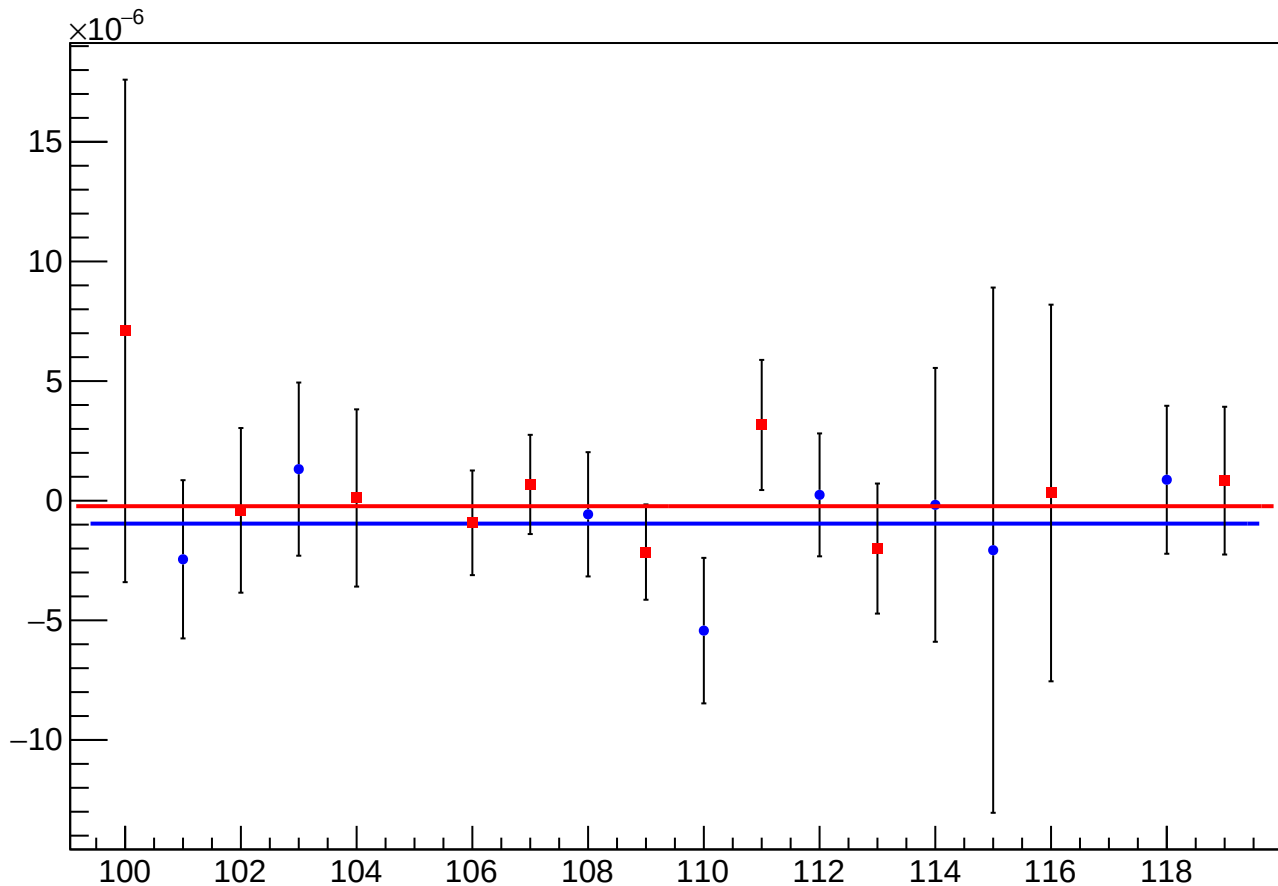
Right: 19.163+/-0.006 χ^2/NDF : 3435982.4/17

In: 19.911+/-0.010 χ^2/NDF : 1799292.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.163+/-0.006 χ^2/NDF : 3435982.4/17

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

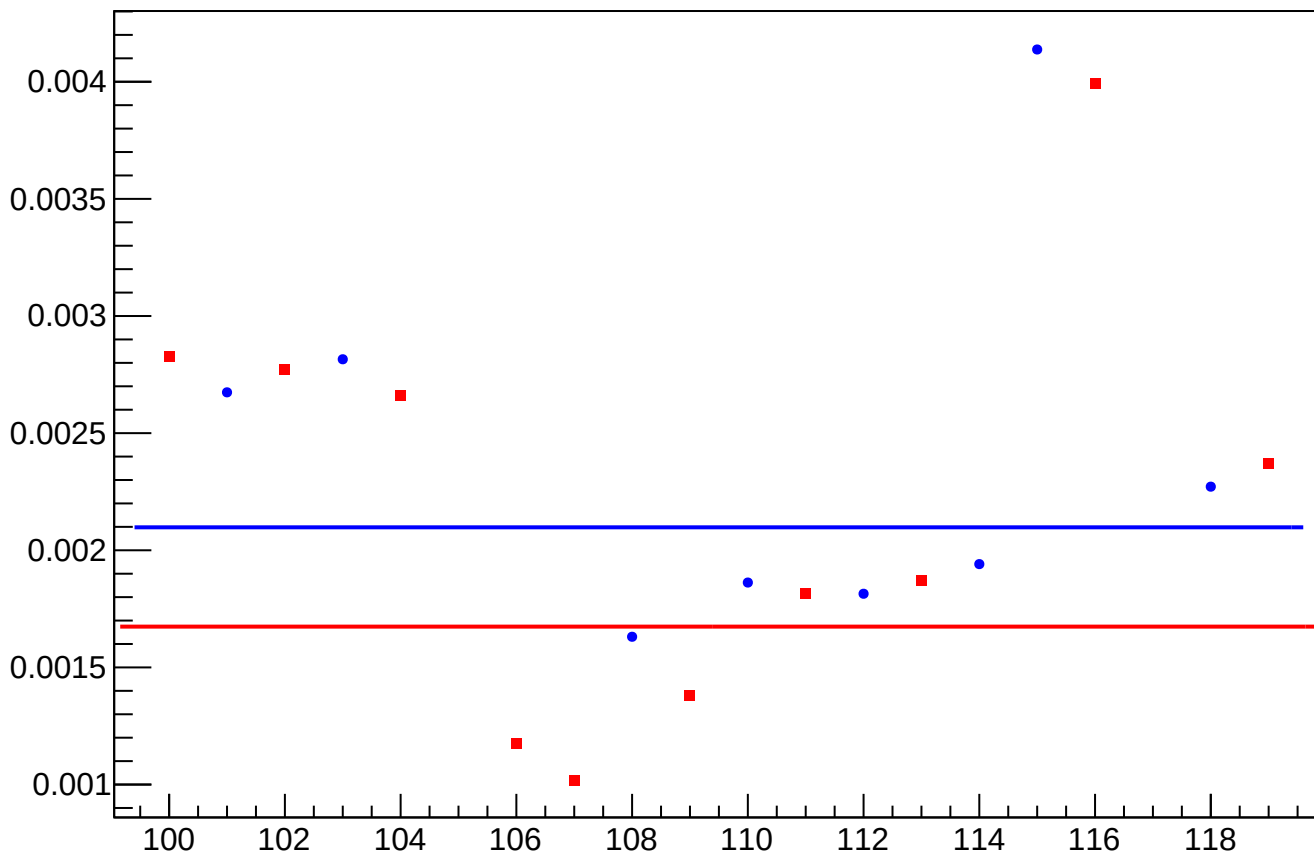
Right: -0.000+/-0.000 χ^2/NDF : 7.5/17

In: -0.000+/-0.000 χ^2/NDF : 3.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.5/17

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 317293.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1009298.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

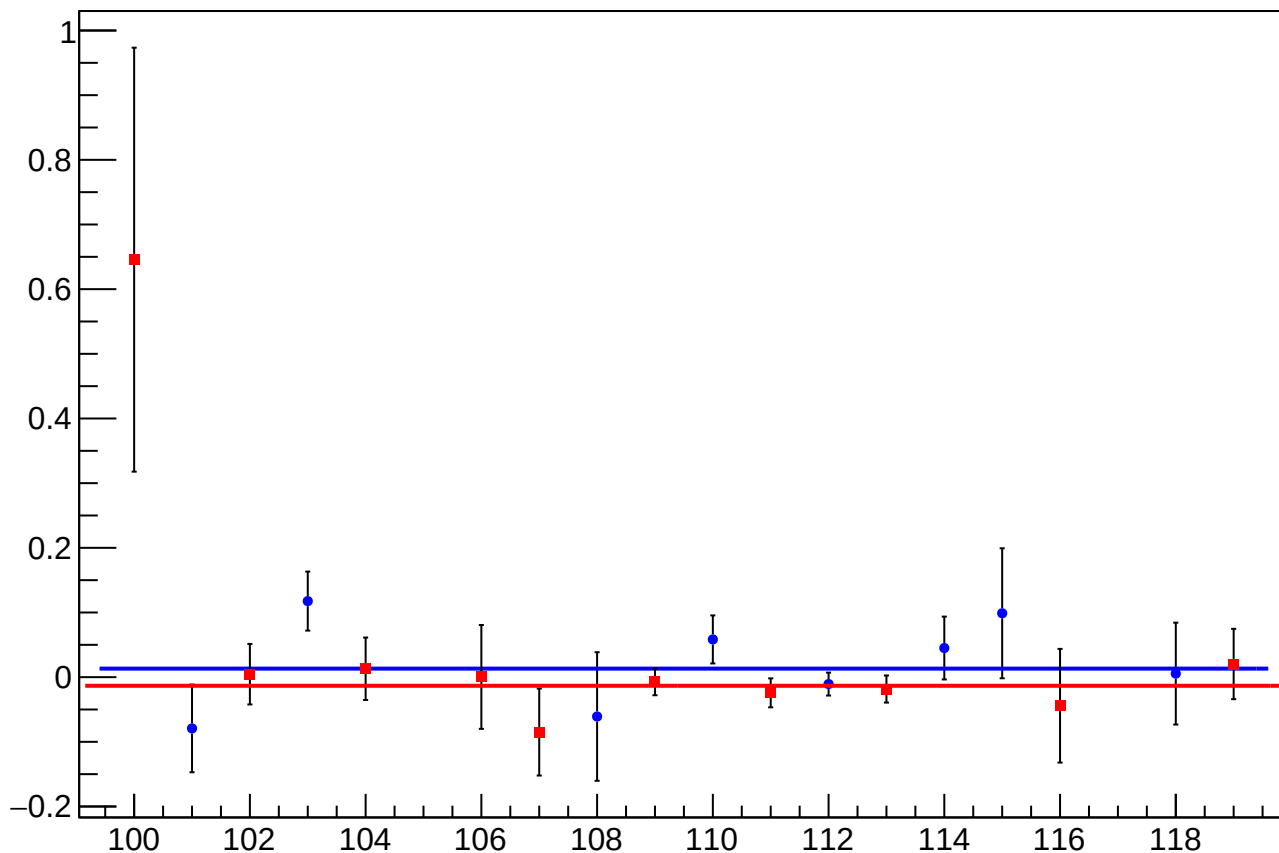
Right: 0.002+/-0.000 χ^2/NDF : 1490703.4/17

In: 0.002+/-0.000 χ^2/NDF : 317293.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1490703.4/17

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

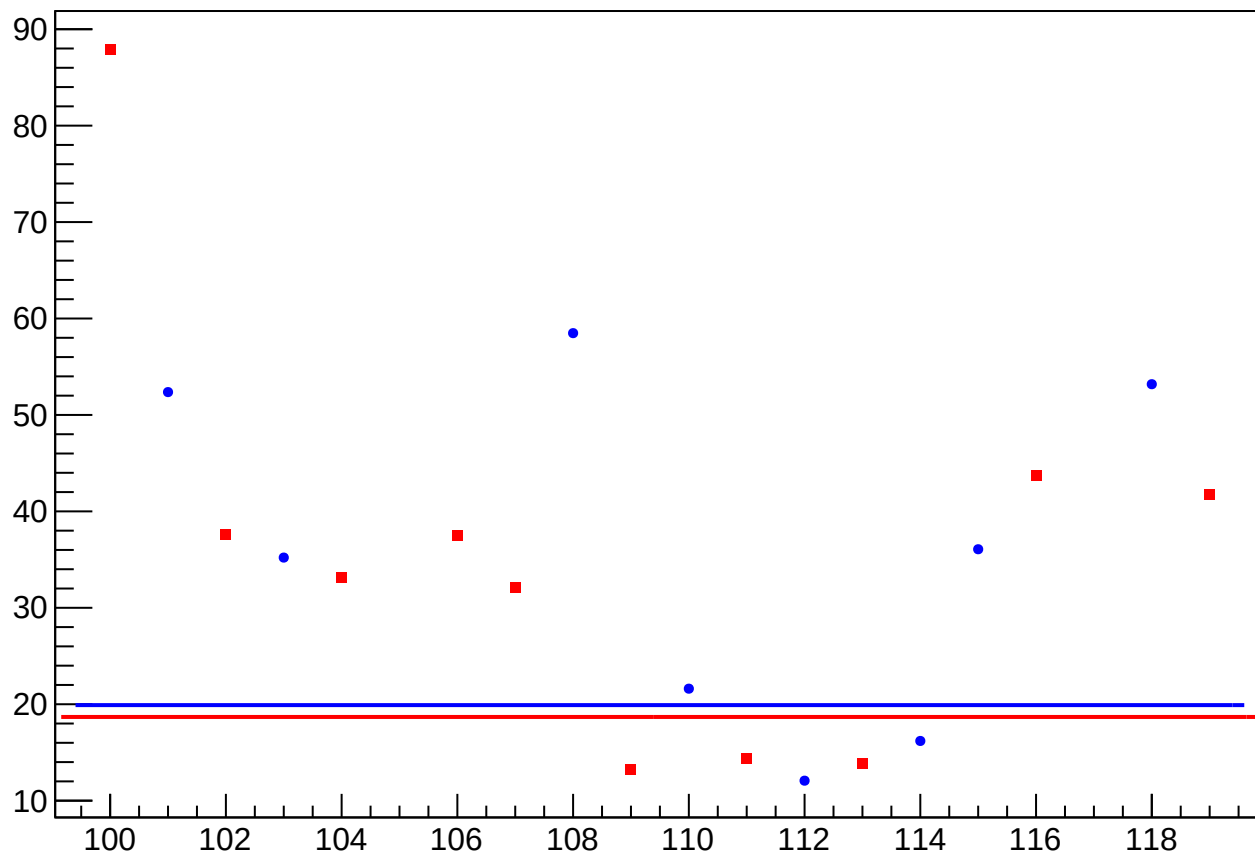
Right: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.910+/-0.010 χ^2/NDF : 1799469.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.681+/-0.008 χ^2/NDF : 1626784.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

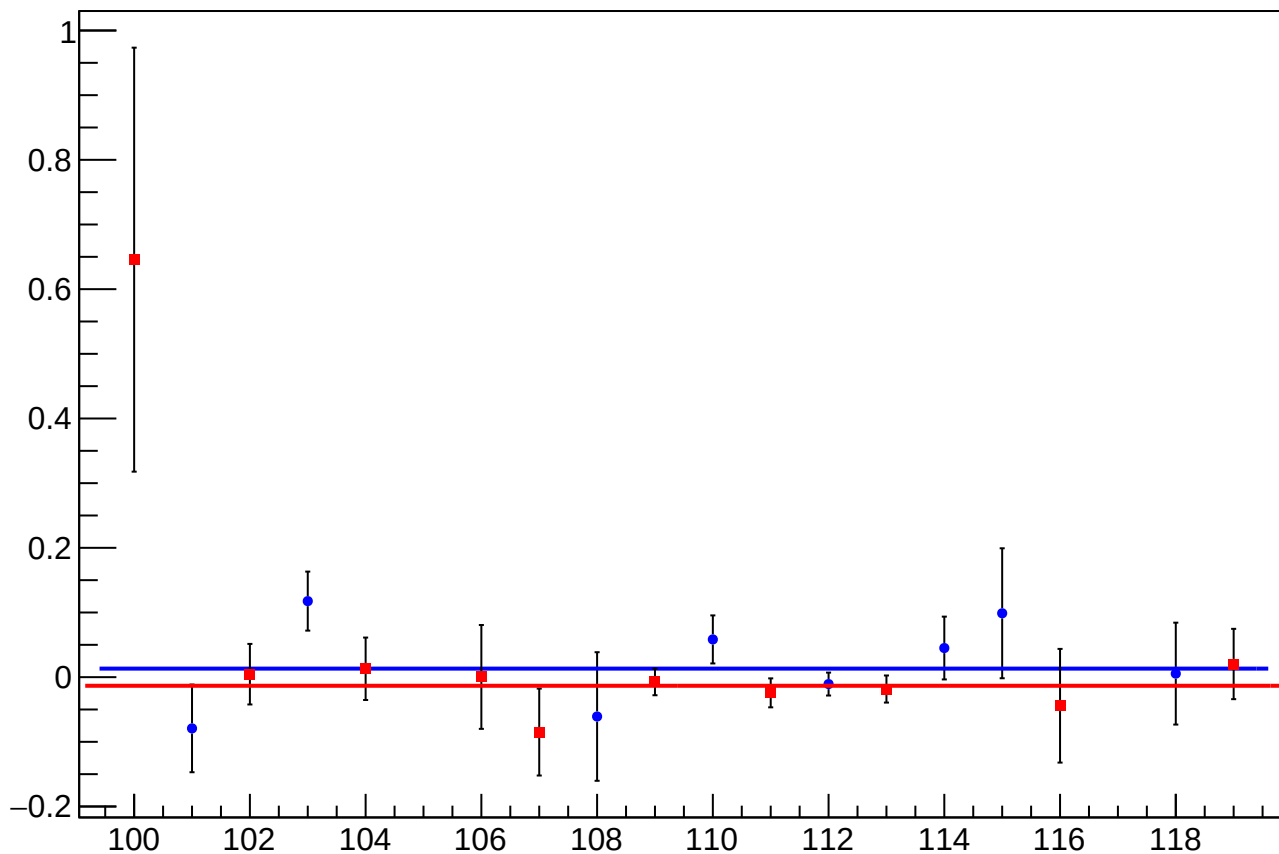
Right: 19.163+/-0.006 χ^2/NDF : 3436145.2/17

In: 19.910+/-0.010 χ^2/NDF : 1799469.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.163+/-0.006 χ^2/NDF : 3436145.2/17

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.014 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.011 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

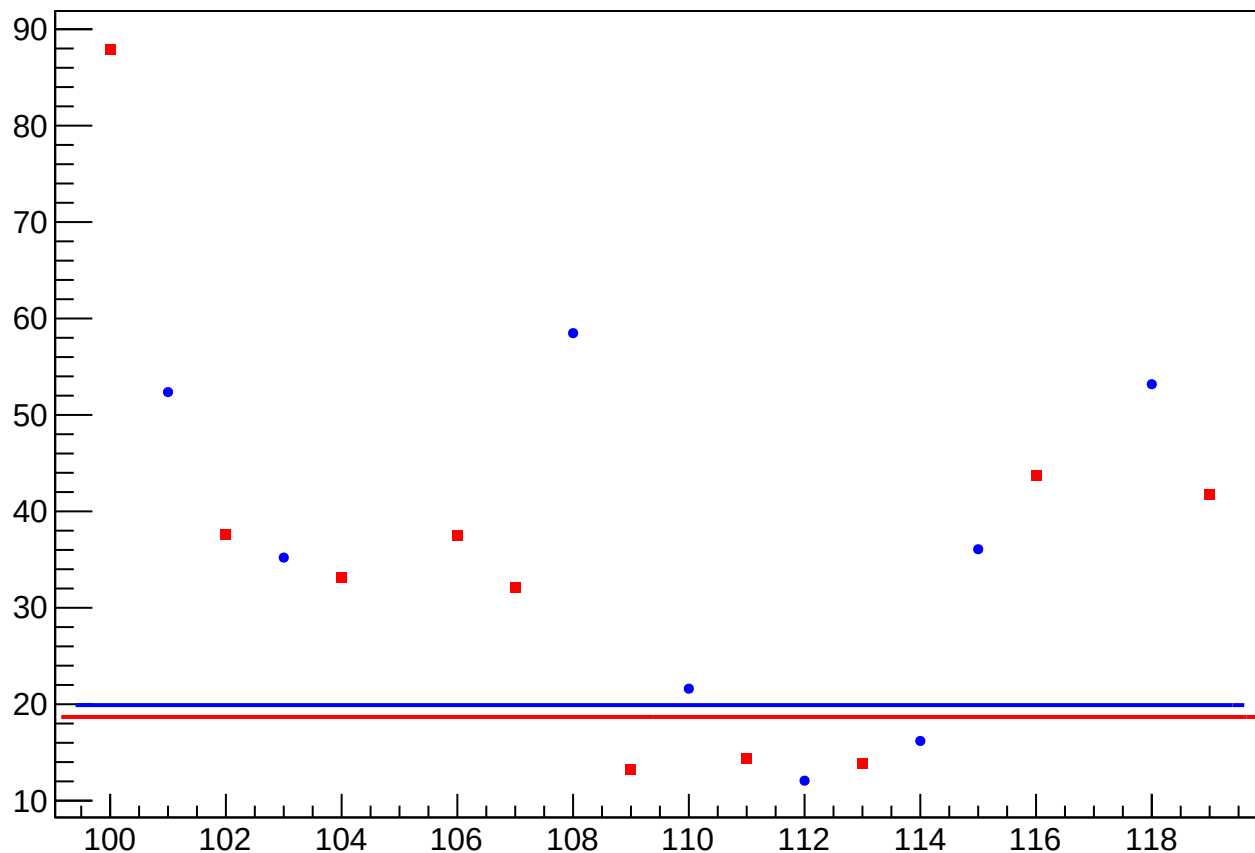
Right: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

In: 0.013 $\pm$ 0.014 χ^2 /NDF:12.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.009 χ^2 /NDF: 20.9/17

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.910+/-0.010 χ^2/NDF : 1799469.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.681+/-0.008 χ^2/NDF : 1626784.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

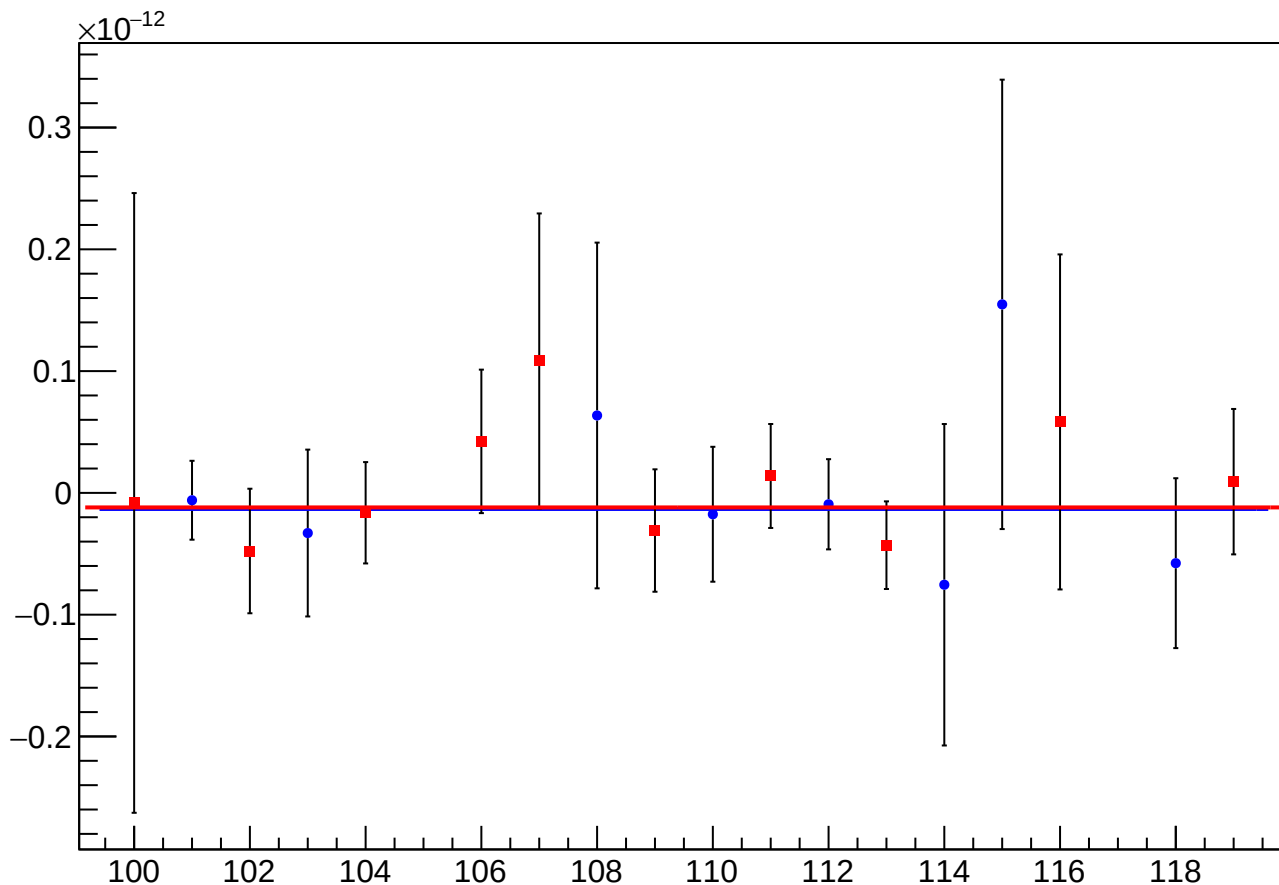
Right: 19.163+/-0.006 χ^2/NDF : 3436145.2/17

In: 19.910+/-0.010 χ^2/NDF : 1799469.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.163+/-0.006 χ^2/NDF : 3436145.2/17

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

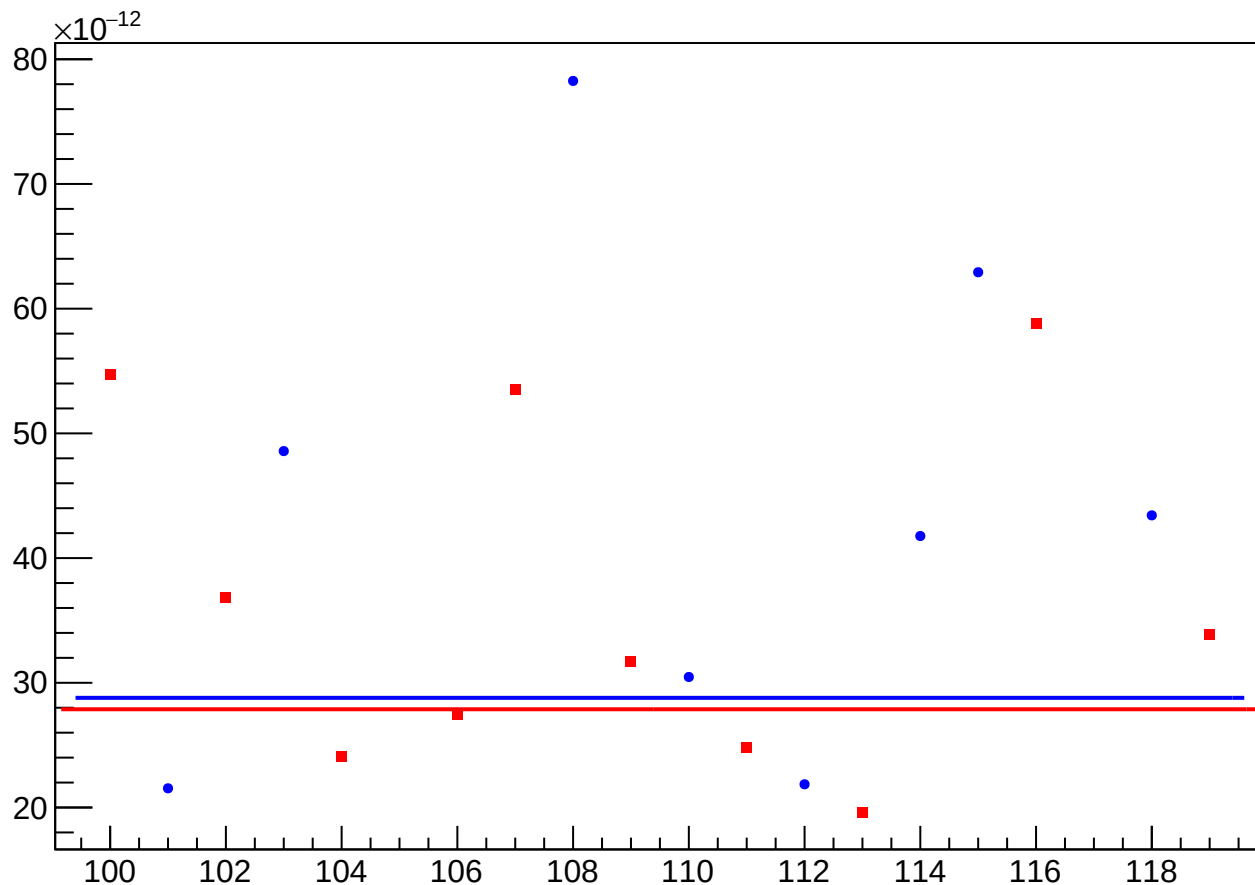
Right: -0.000+/-0.000 χ^2/NDF : 5.9/17

In: -0.000+/-0.000 χ^2/NDF :1.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.9/17

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 757820.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439068.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

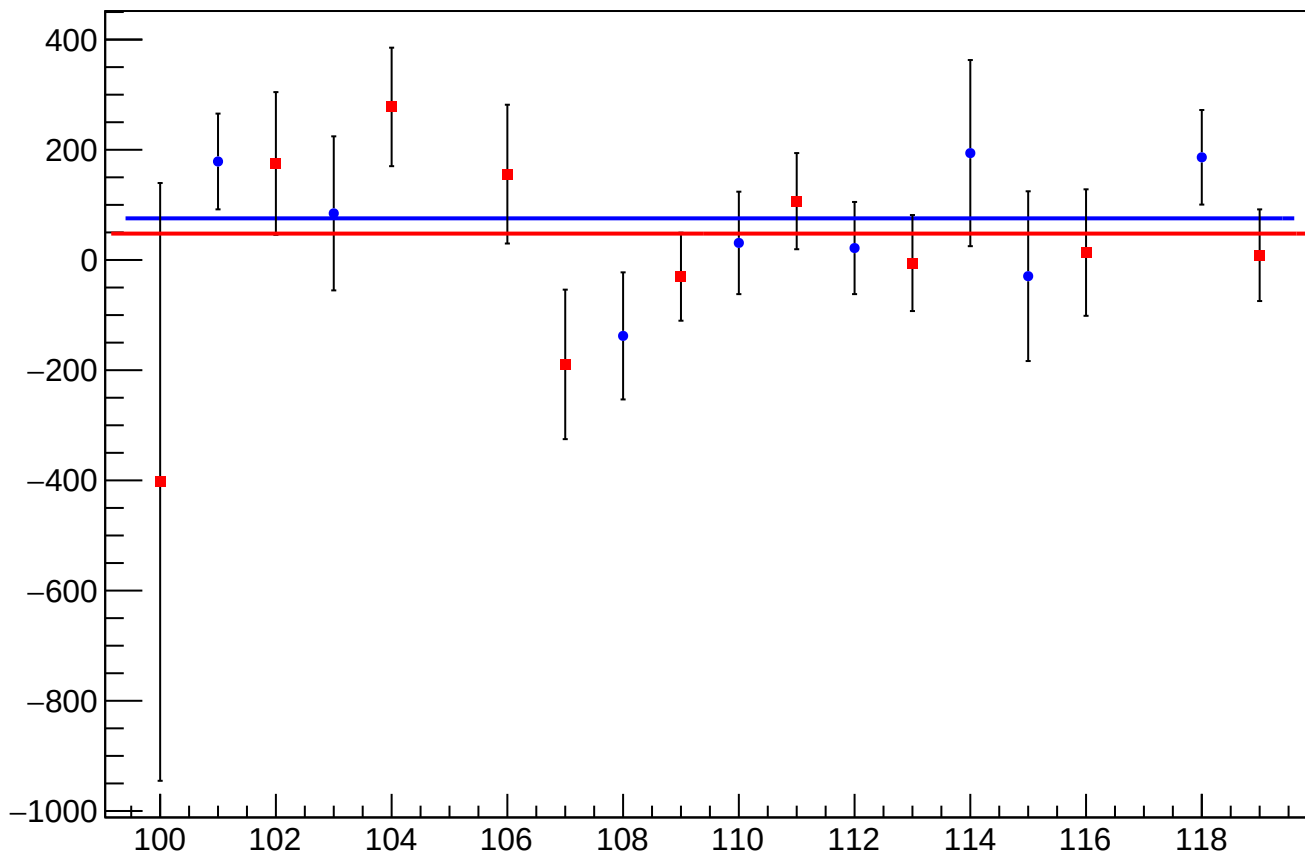
Right: 0.000+/-0.000 χ^2/NDF : 1199341.3/17

In: 0.000+/-0.000 χ^2/NDF : 757820.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1199341.3/17

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 75.560 $\pm$ 36.999 χ^2 /NDF: 8.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.881 $\pm$ 33.202 χ^2 /NDF: 12.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

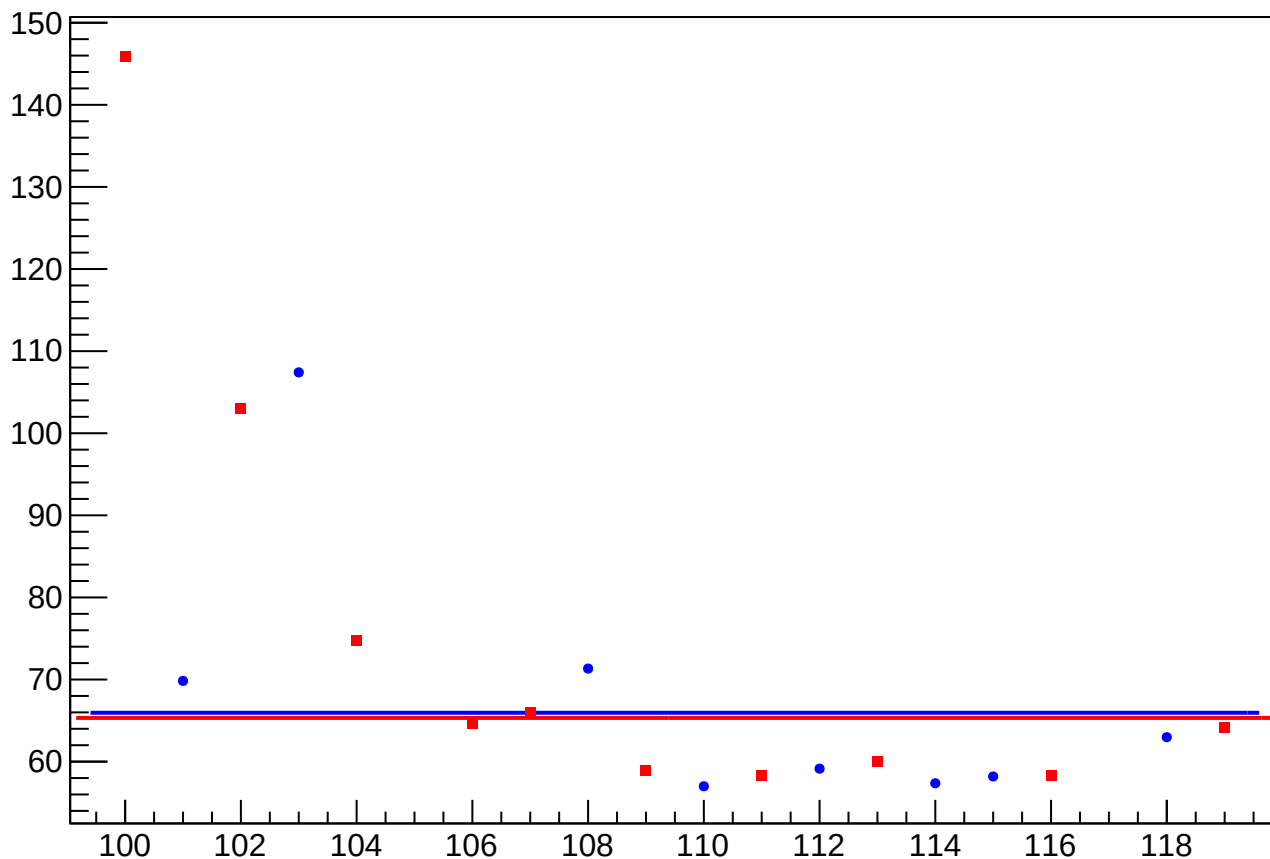
Right: 60.228 $\pm$ 24.711 χ^2 /NDF: 20.5/17

In: 75.560 $\pm$ 36.999 χ^2 /NDF:8.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.228 $\pm$ 24.711 χ^2 /NDF: 20.5/17

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.951+/-0.026 χ^2/NDF : 228767.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.324+/-0.023 χ^2/NDF : 270374.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

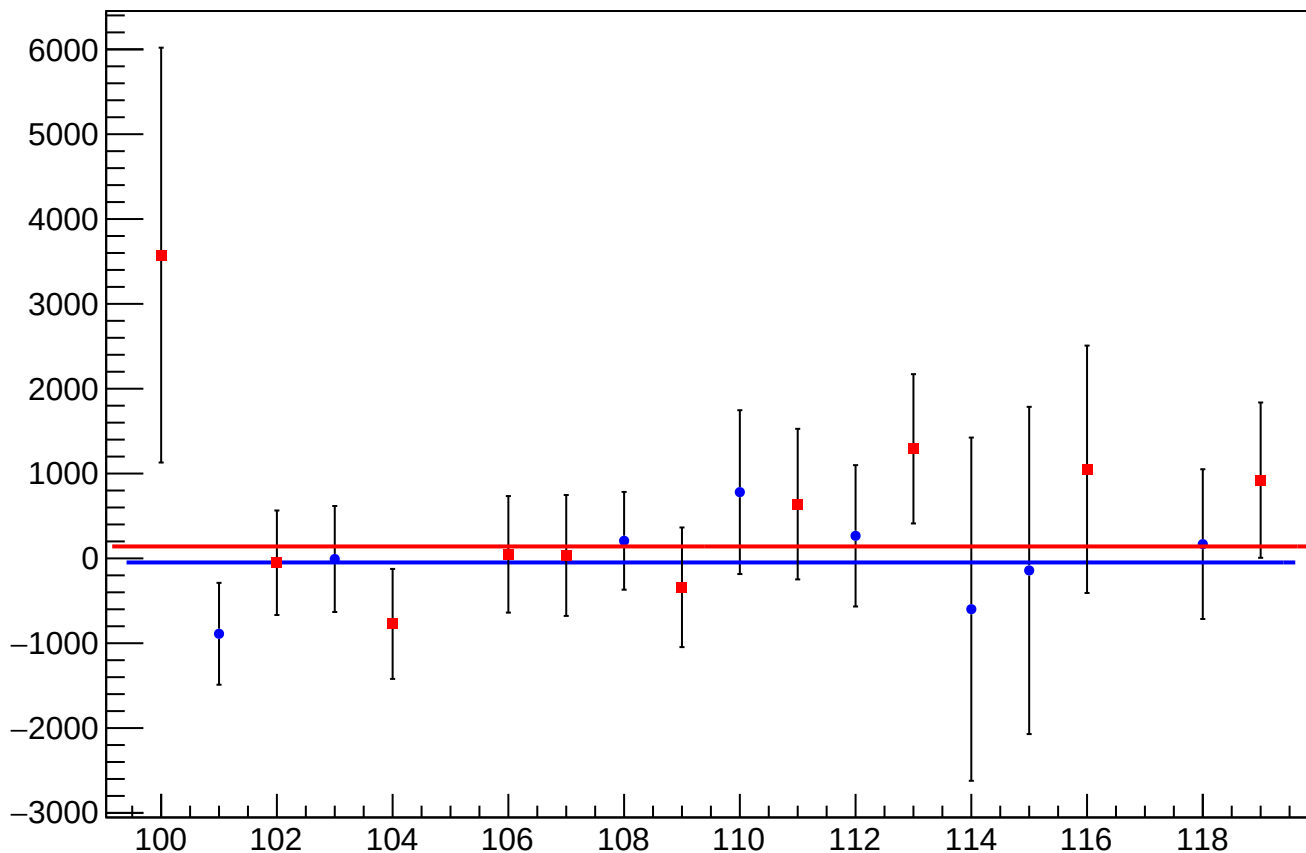
Right: 65.604+/-0.017 χ^2/NDF : 499460.2/17

In: 65.951+/-0.026 χ^2/NDF : 228767.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.604+/-0.017 χ^2/NDF : 499460.2/17

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.949 $\pm$ 281.059 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.795 $\pm$ 253.932 χ^2 /NDF: 7.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

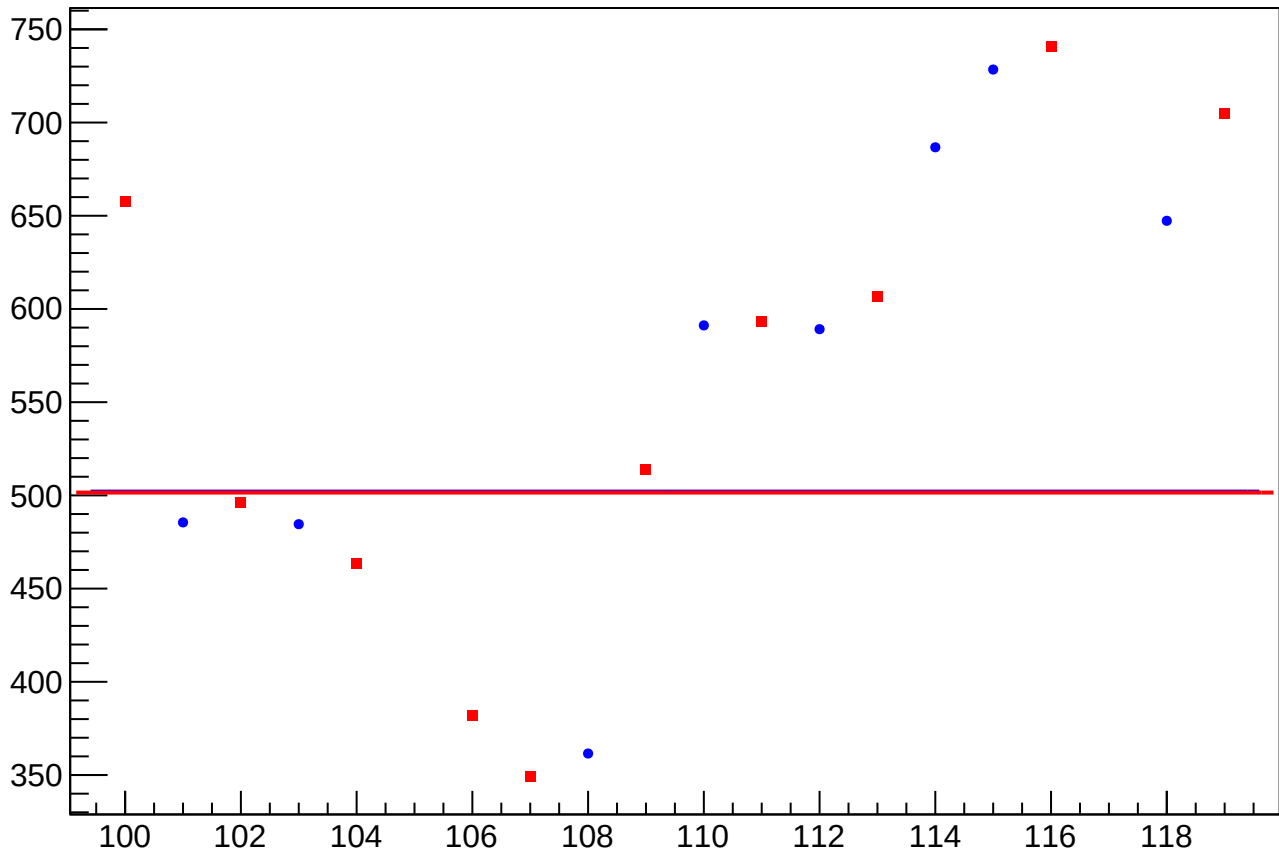
Right: 55.969 $\pm$ 188.419 χ^2 /NDF: 11.1/17

In: -47.949 $\pm$ 281.059 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.969 $\pm$ 188.419 χ^2 /NDF: 11.1/17

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 502.034+/-0.199 χ^2/NDF : 259297.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 501.515+/-0.180 χ^2/NDF : 370390.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

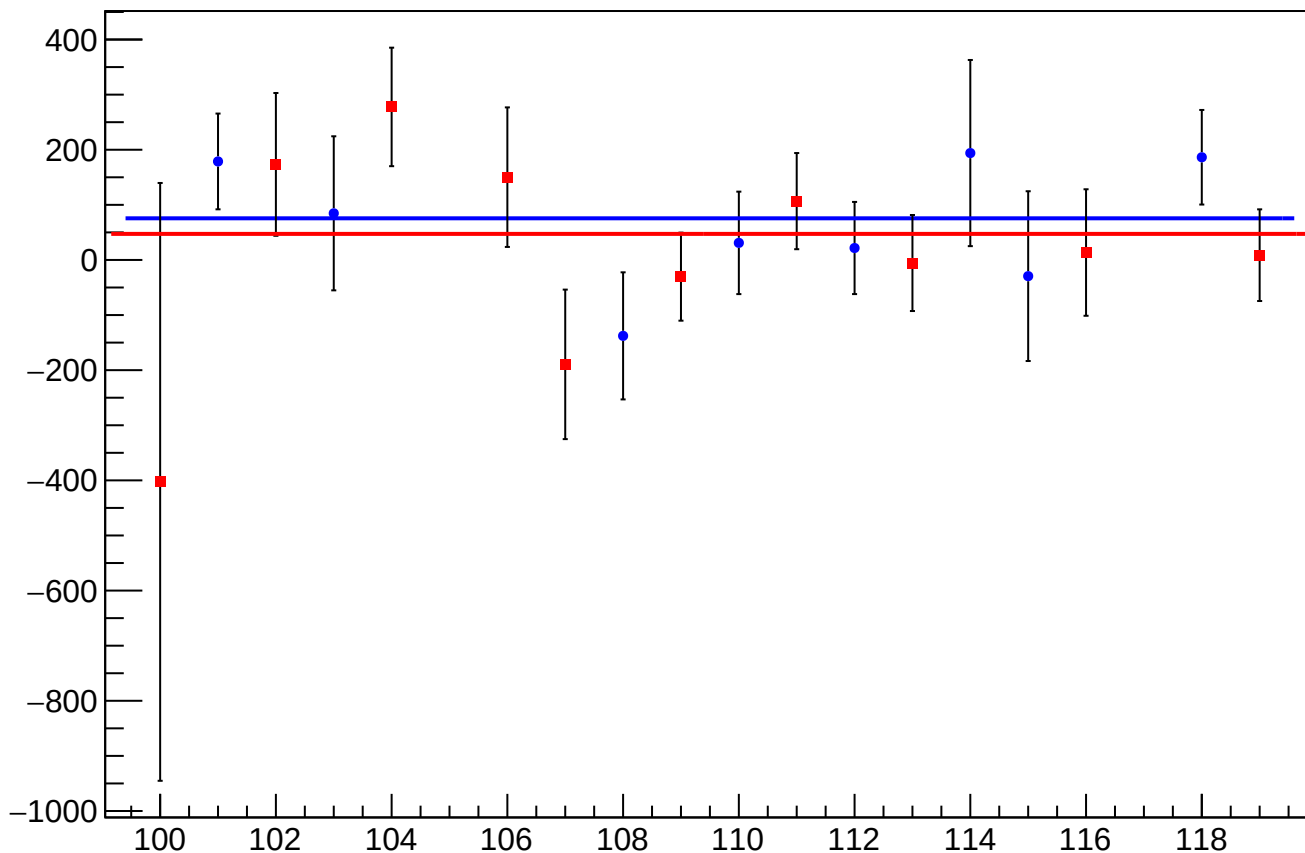
Right: 501.748+/-0.133 χ^2/NDF : 629691.1/17

In: 502.034+/-0.199 χ^2/NDF : 259297.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.748+/-0.133 χ^2/NDF : 629691.1/17

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 75.565+/-36.999 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.288+/-33.216 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

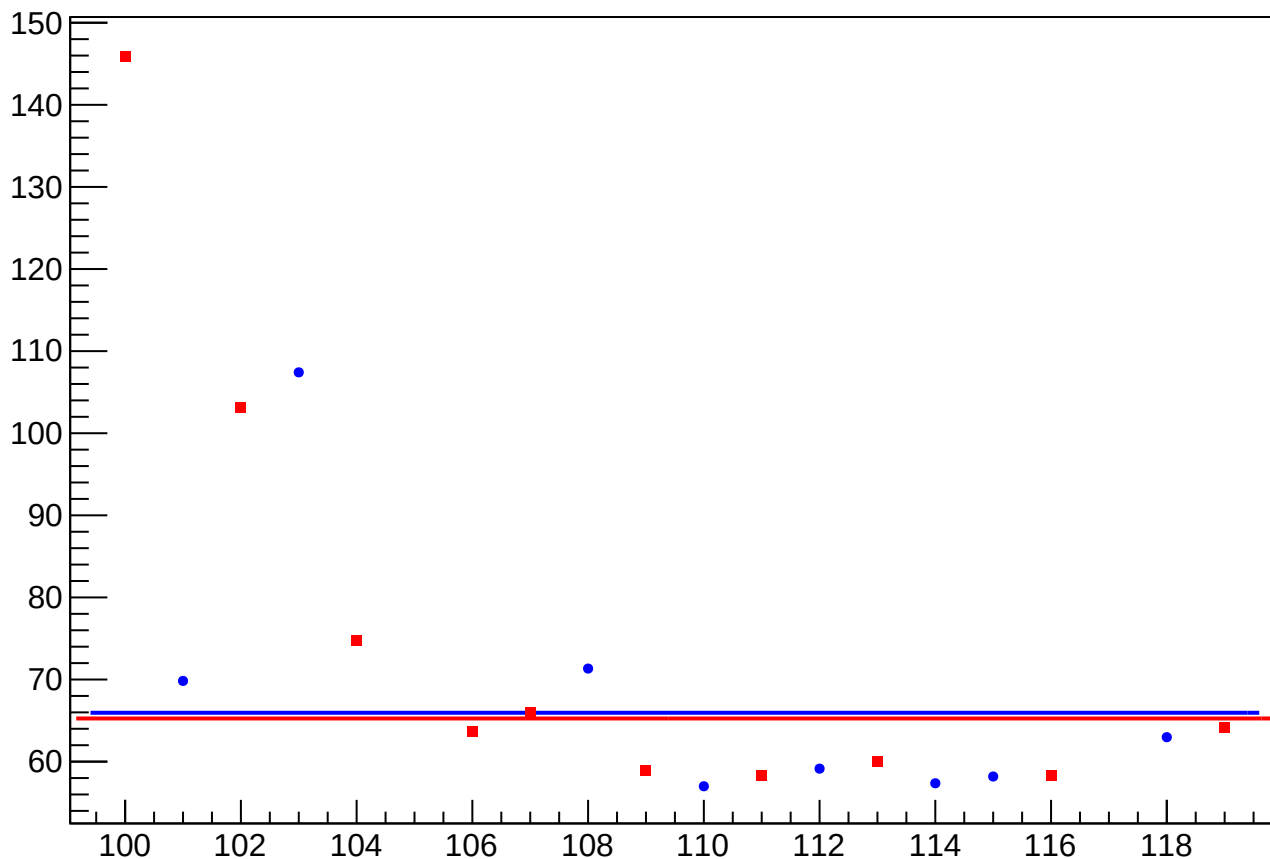
Right: 59.908+/-24.717 χ^2/NDF : 20.4/17

In: 75.565+/-36.999 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.908+/-24.717 χ^2/NDF : 20.4/17

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.951+/-0.026 χ^2/NDF : 228769.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.257+/-0.023 χ^2/NDF : 270885.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

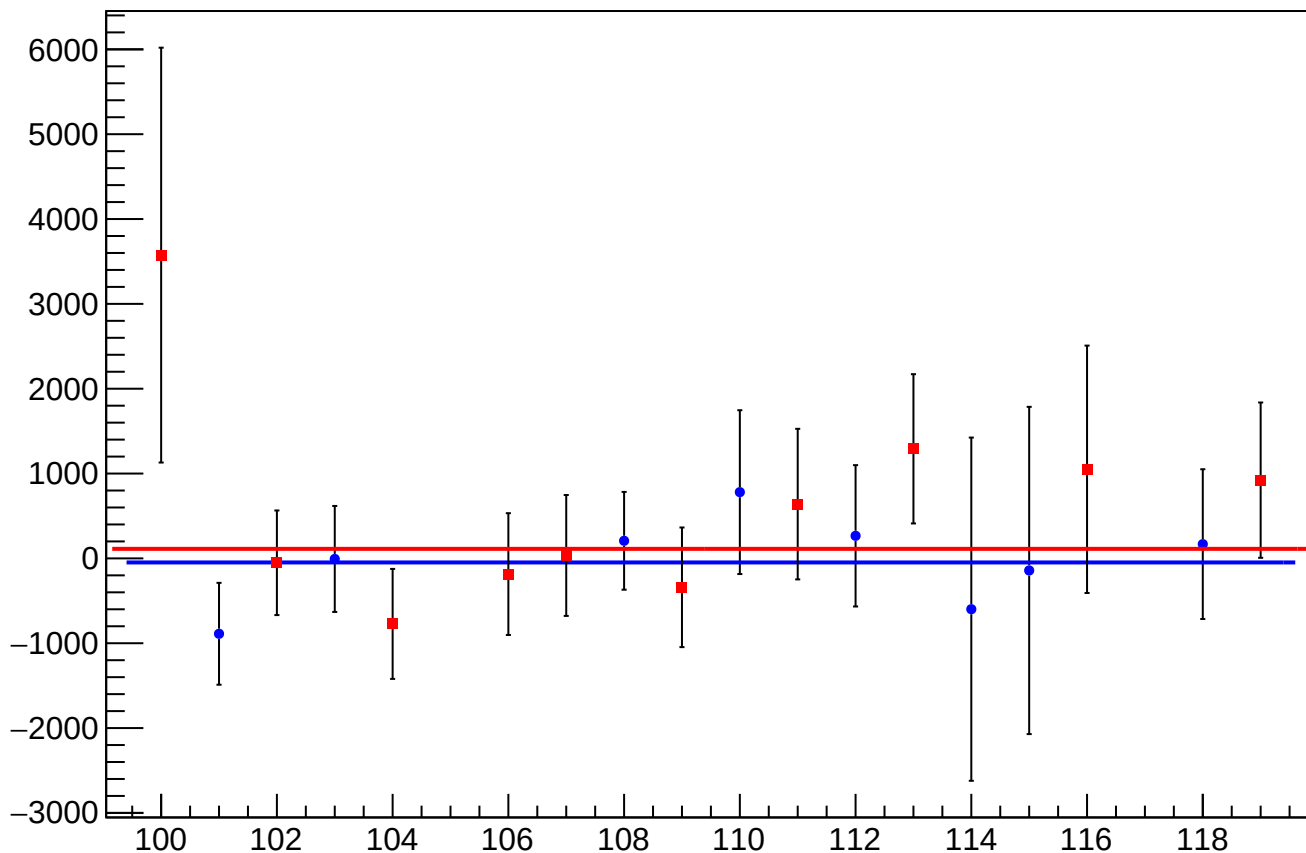
Right: 65.567+/-0.017 χ^2/NDF : 500045.0/17

In: 65.951+/-0.026 χ^2/NDF : 228769.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.567+/-0.017 χ^2/NDF : 500045.0/17

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.849+/-281.063 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.467+/-255.446 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

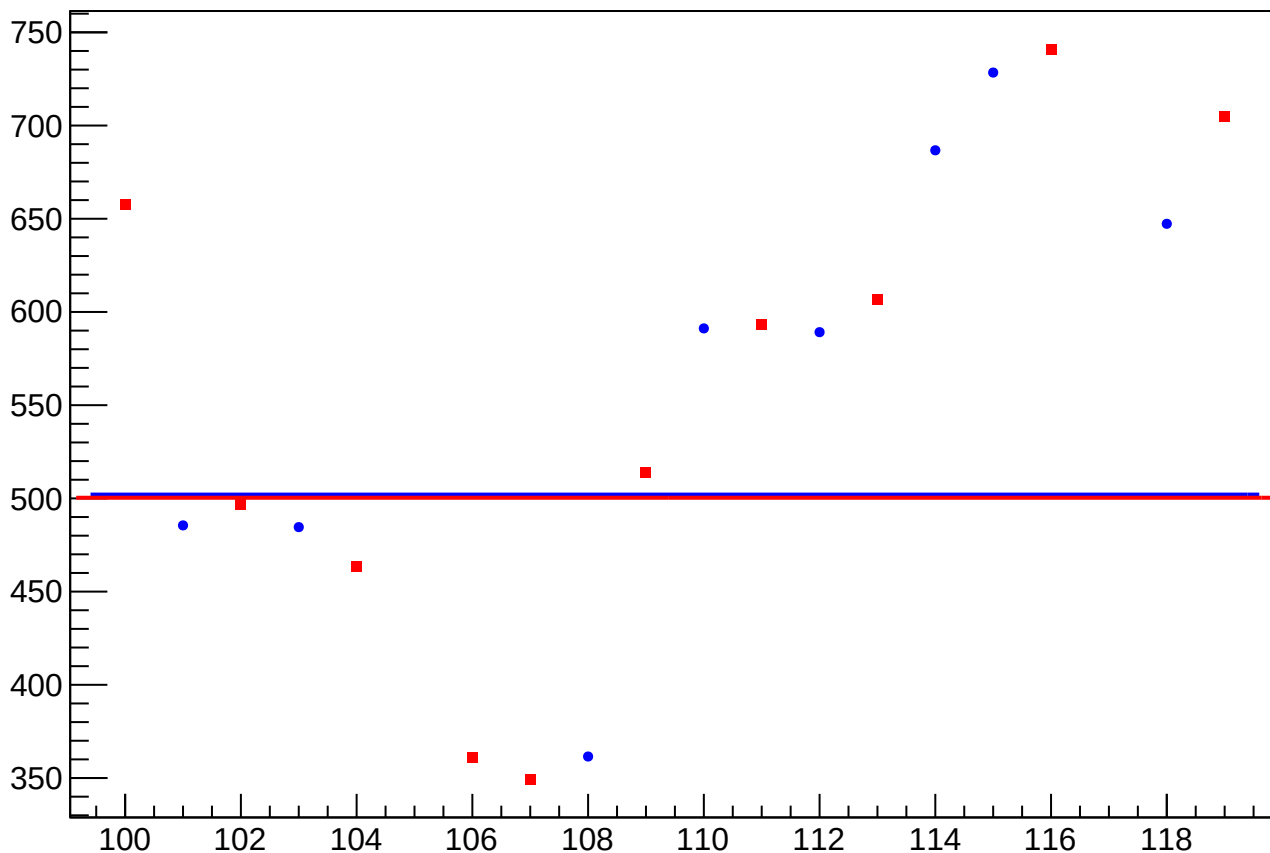
Right: 39.947+/-189.037 χ^2/NDF : 11.2/17

In: -47.849+/-281.063 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.947+/-189.037 χ^2/NDF : 11.2/17

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 502.040+/-0.199 χ^2/NDF : 259291.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.343+/-0.181 χ^2/NDF : 386362.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

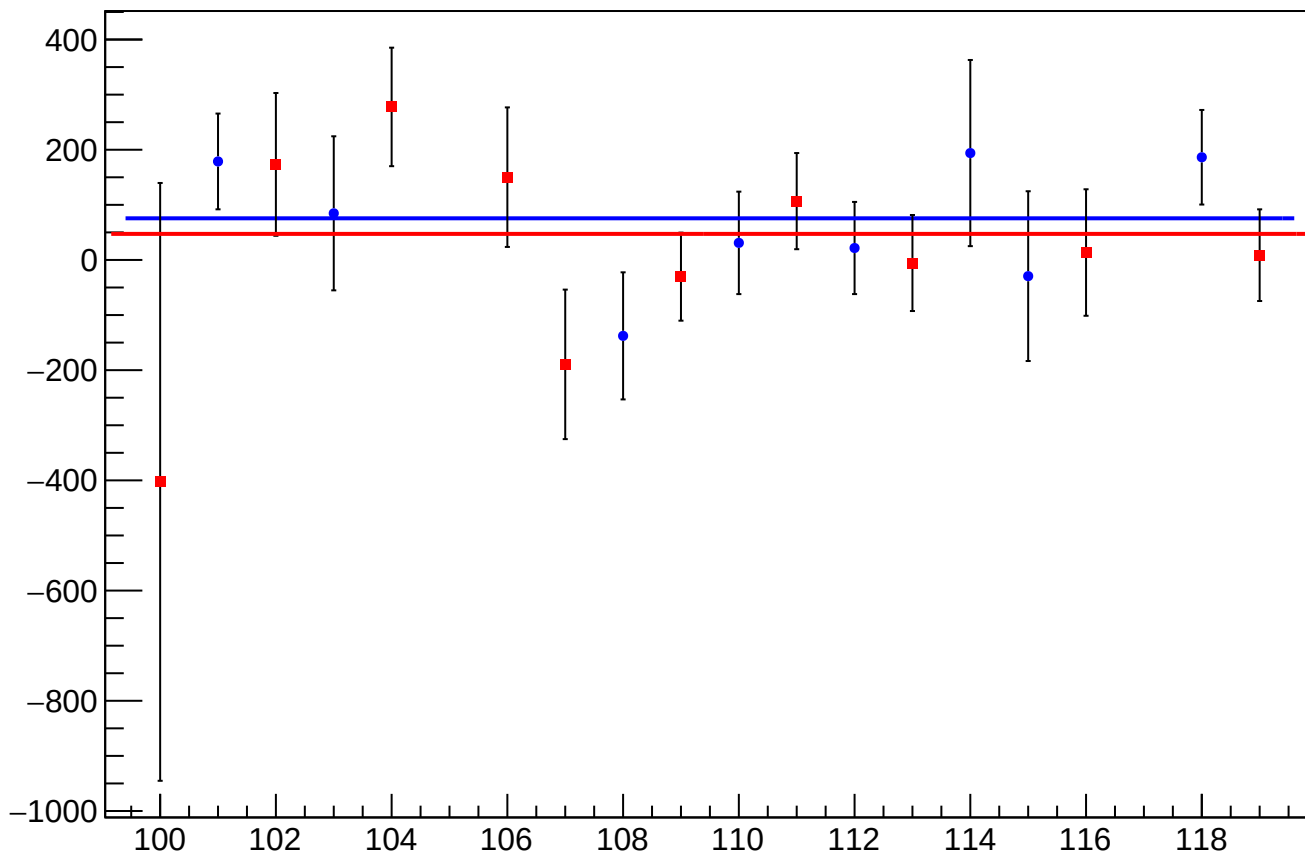
Right: 501.111+/-0.134 χ^2/NDF : 645694.0/17

In: 502.040+/-0.199 χ^2/NDF : 259291.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.111+/-0.134 χ^2/NDF : 645694.0/17

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 75.565 $\pm$ 36.999 χ^2 /NDF: 8.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.288 $\pm$ 33.216 χ^2 /NDF: 12.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

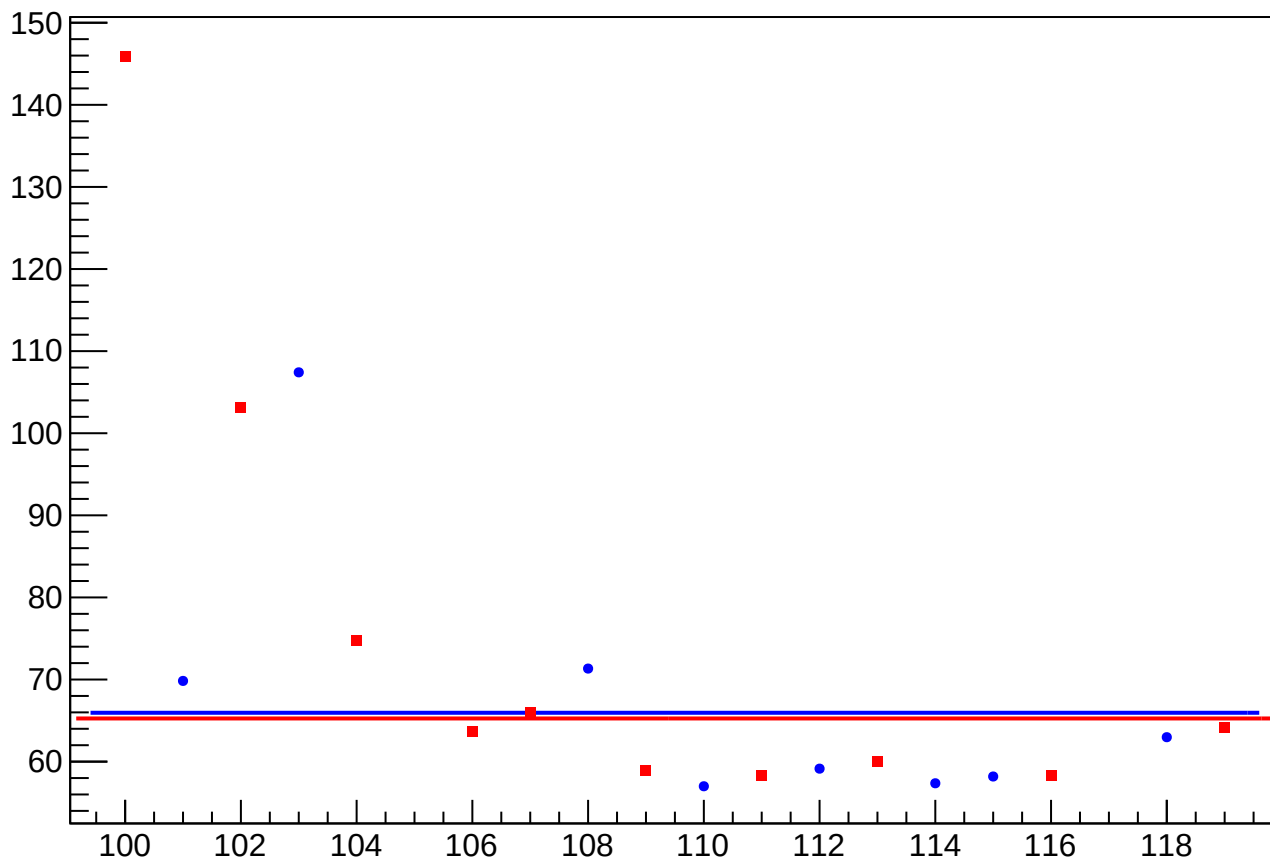
Right: 59.908 $\pm$ 24.717 χ^2 /NDF: 20.4/17

In: 75.565 $\pm$ 36.999 χ^2 /NDF:8.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.908 $\pm$ 24.717 χ^2 /NDF: 20.4/17

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 65.951+/-0.026 χ^2/NDF : 228769.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.257+/-0.023 χ^2/NDF : 270885.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

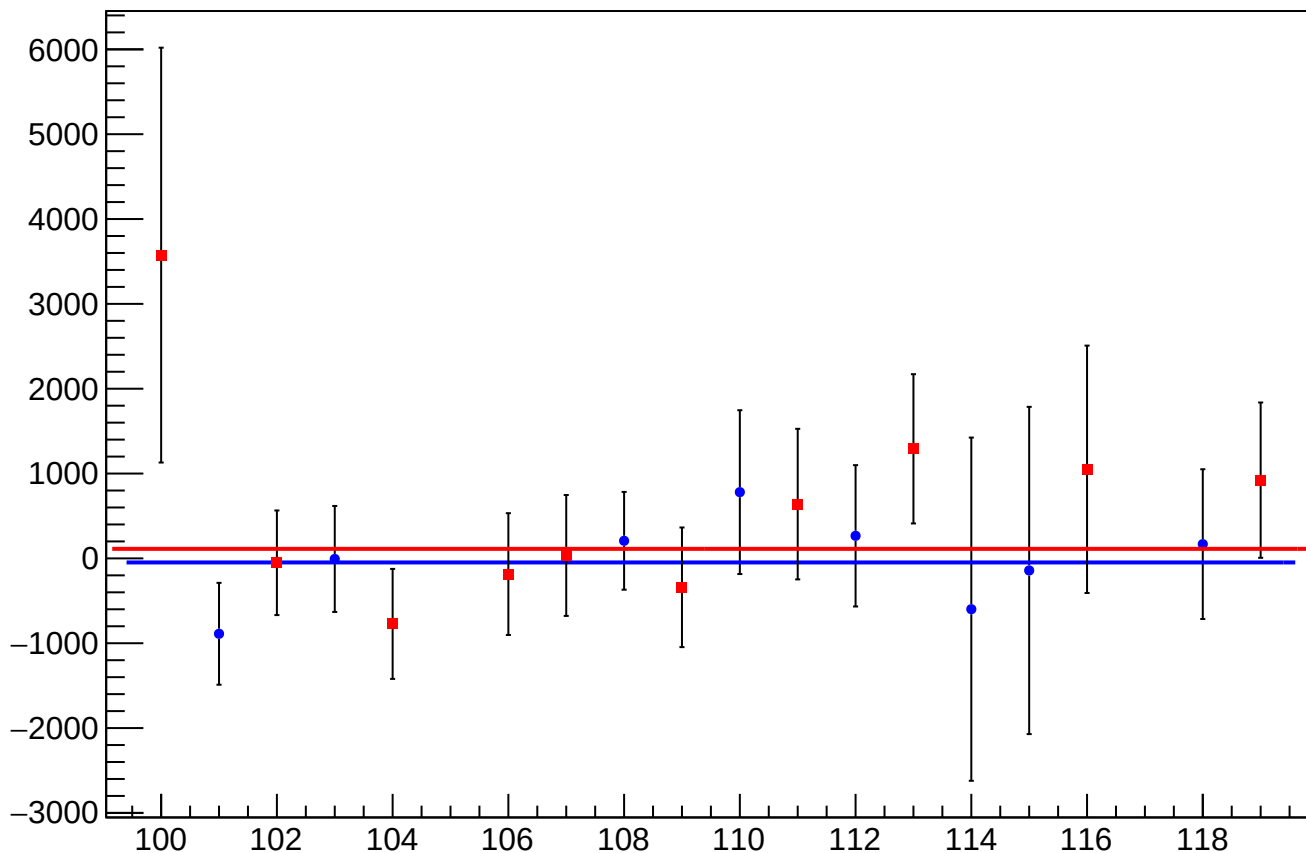
Right: 65.567+/-0.017 χ^2/NDF : 500045.0/17

In: 65.951+/-0.026 χ^2/NDF : 228769.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.567+/-0.017 χ^2/NDF : 500045.0/17

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.849+/-281.063 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.467+/-255.446 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

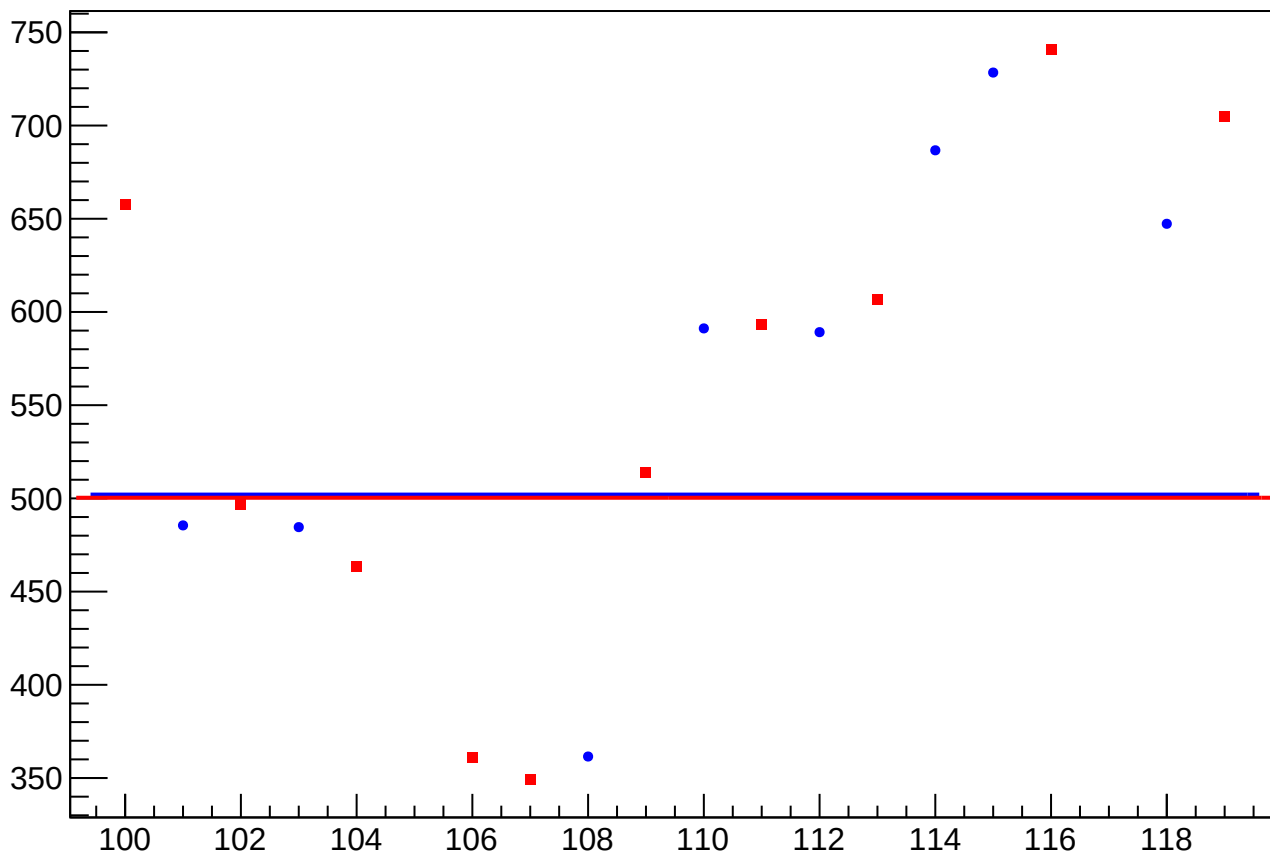
Right: 39.947+/-189.037 χ^2/NDF : 11.2/17

In: -47.849+/-281.063 χ^2/NDF : 3.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.947+/-189.037 χ^2/NDF : 11.2/17

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 502.040+/-0.199 χ^2/NDF : 259291.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 500.343+/-0.181 χ^2/NDF : 386362.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

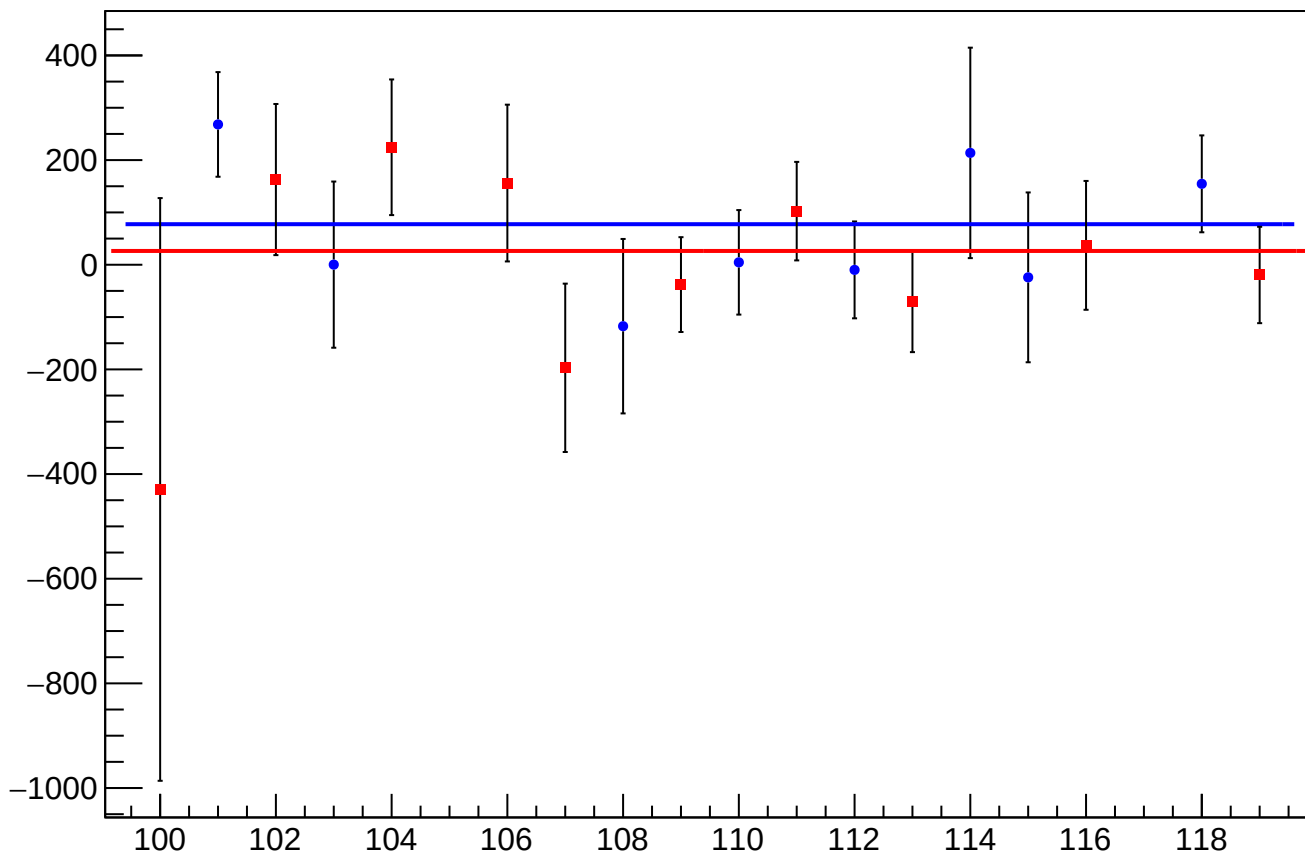
Right: 501.111+/-0.134 χ^2/NDF : 645694.0/17

In: 502.040+/-0.199 χ^2/NDF : 259291.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.111+/-0.134 χ^2/NDF : 645694.0/17

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 77.492 $\pm$ 41.811 χ^2 /NDF: 8.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.349 $\pm$ 37.330 χ^2 /NDF: 9.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

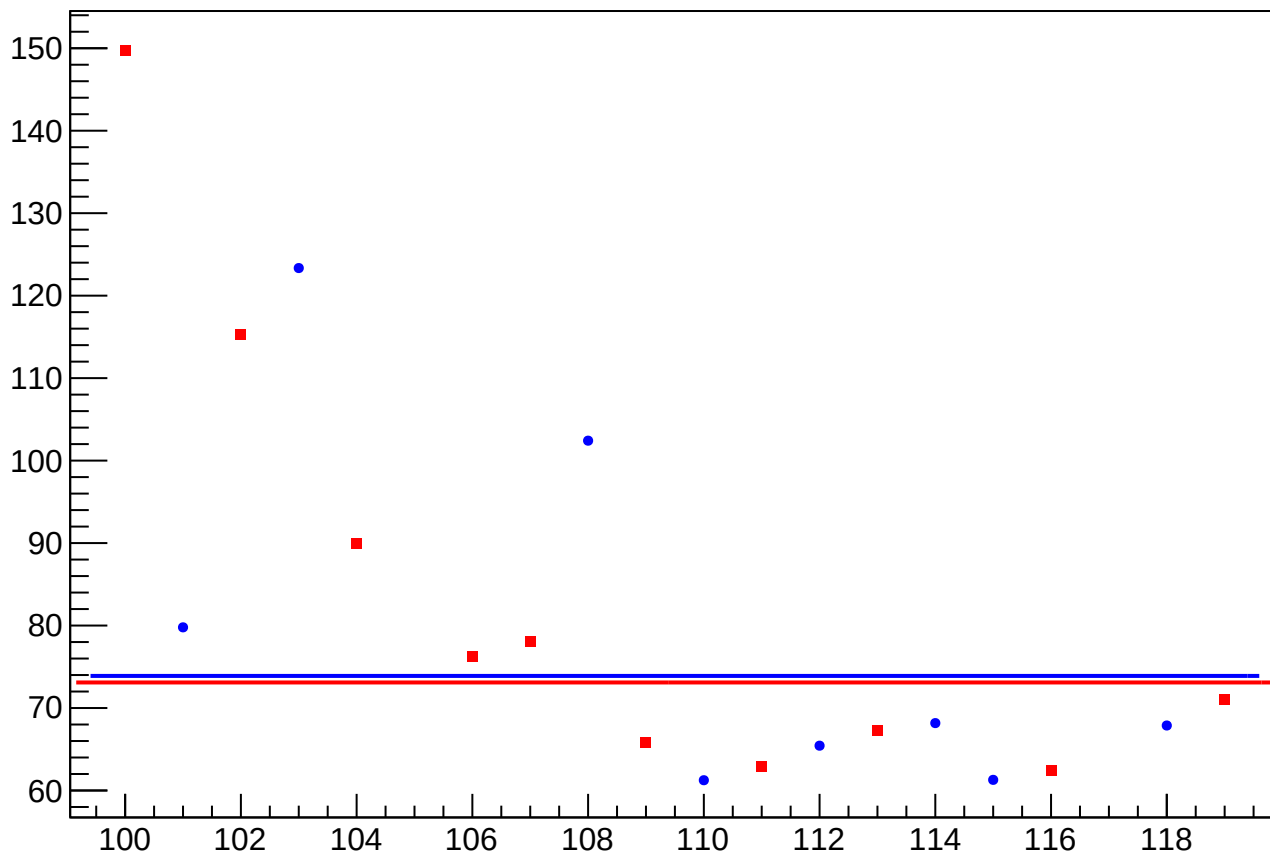
Right: 49.034 $\pm$ 27.846 χ^2 /NDF: 18.0/17

In: 77.492 $\pm$ 41.811 χ^2 /NDF: 8.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.034 $\pm$ 27.846 χ^2 /NDF: 18.0/17

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.893+/-0.030 χ^2/NDF : 330388.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.099+/-0.026 χ^2/NDF : 304543.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

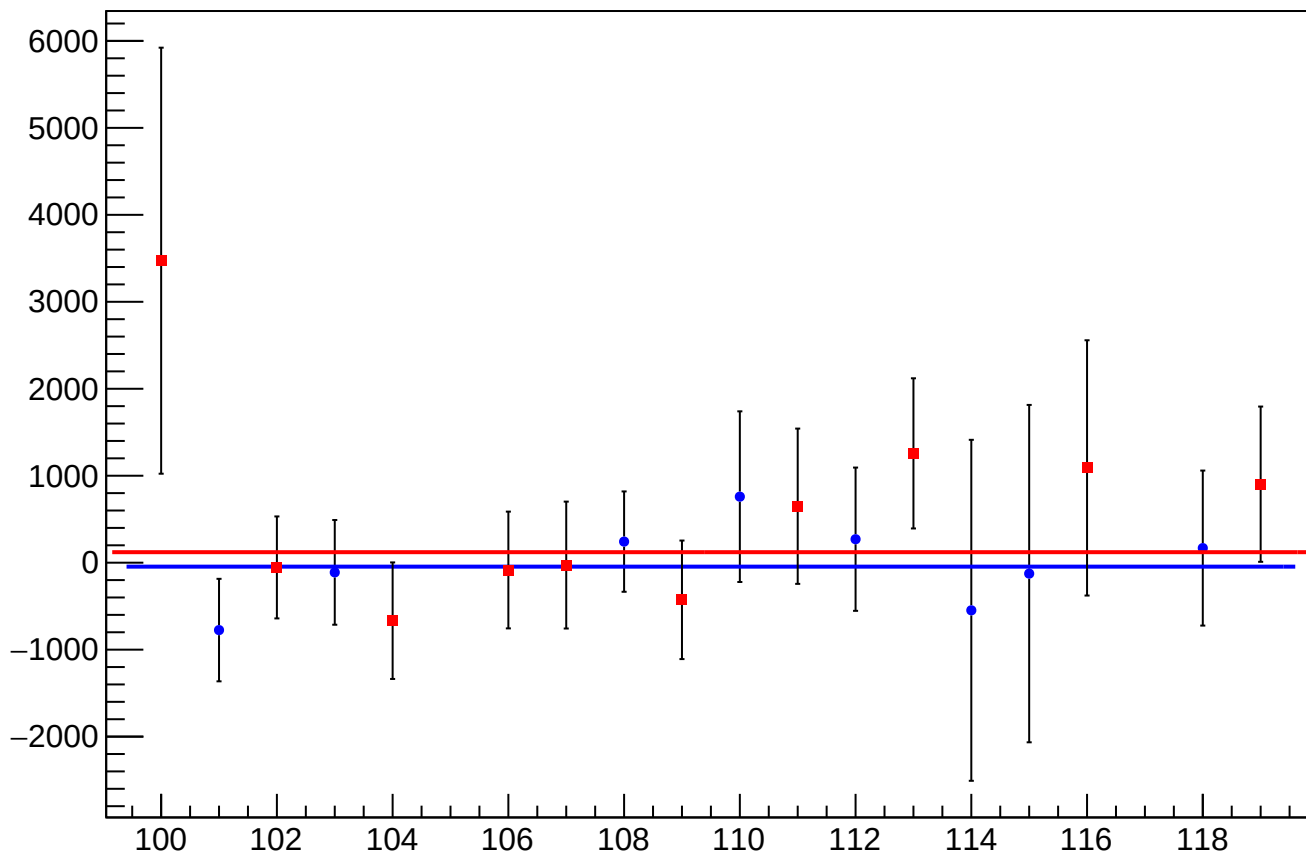
Right: 73.451+/-0.020 χ^2/NDF : 635333.1/17

In: 73.893+/-0.030 χ^2/NDF : 330388.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.451+/-0.020 χ^2/NDF : 635333.1/17

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -45.405 $\pm$ 277.997 χ^2 /NDF: 2.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.847 $\pm$ 251.040 χ^2 /NDF: 7.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

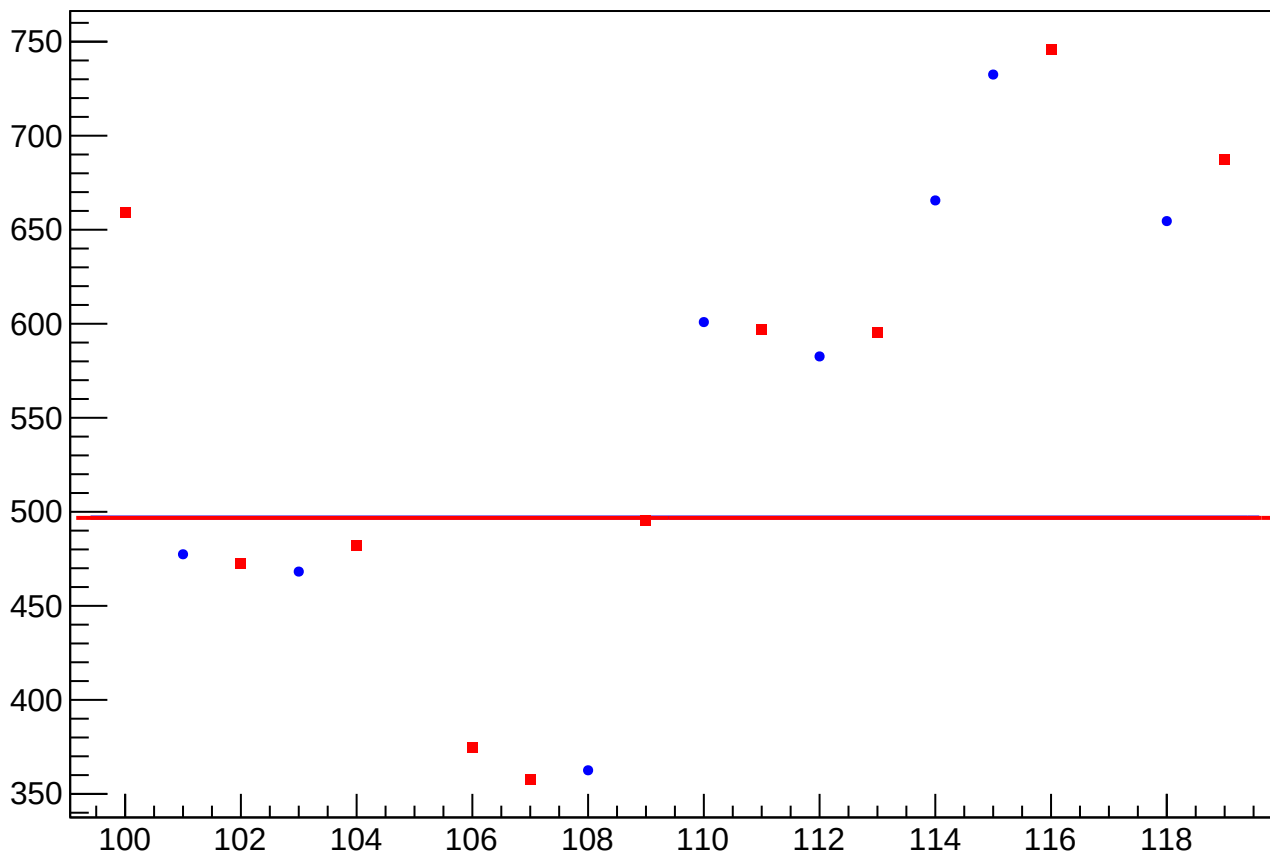
Right: 46.171 $\pm$ 186.315 χ^2 /NDF: 10.3/17

In: -45.405 $\pm$ 277.997 χ^2 /NDF:2.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.171 $\pm$ 186.315 χ^2 /NDF: 10.3/17

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 496.955+/-0.197 χ^2/NDF : 266193.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.773+/-0.178 χ^2/NDF : 352249.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

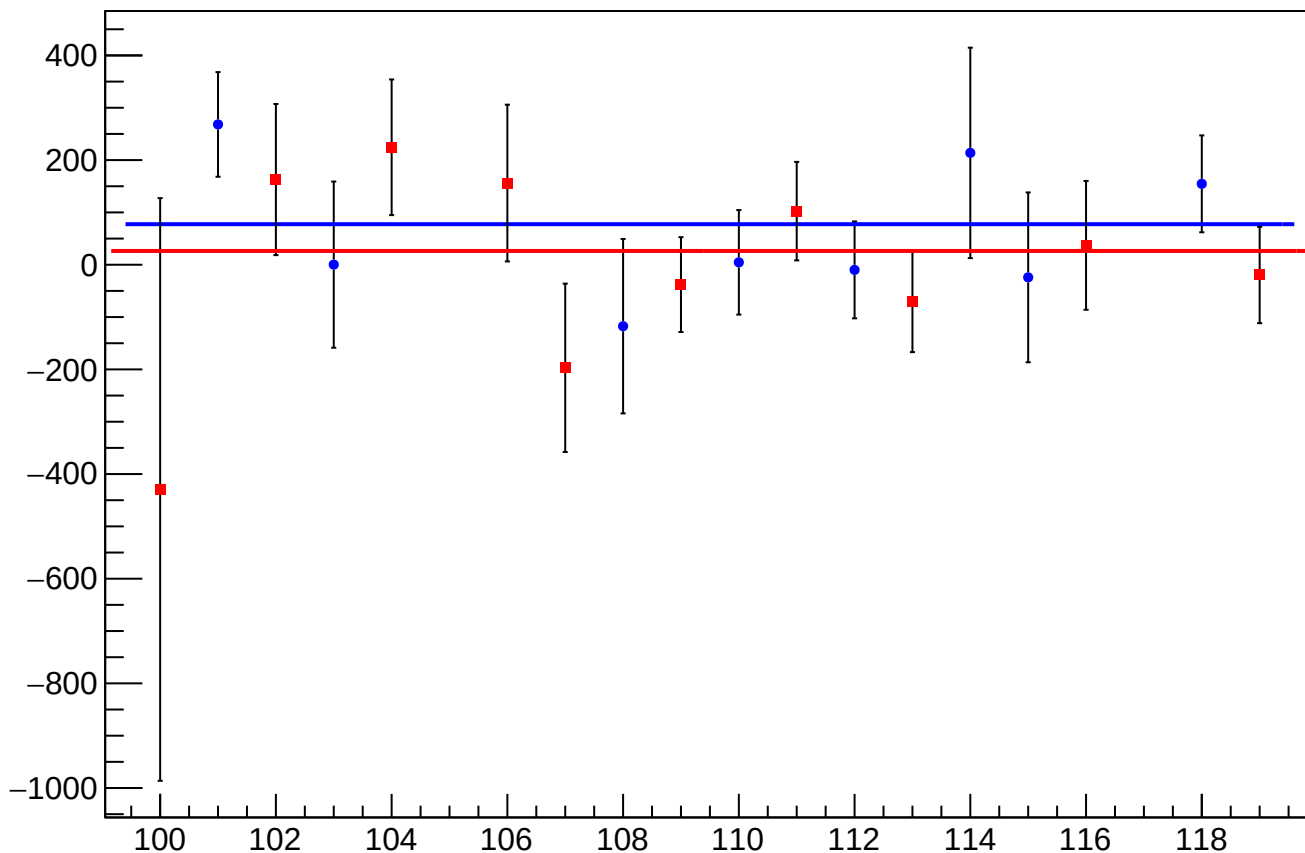
Right: 496.855+/-0.132 χ^2/NDF : 618443.3/17

In: 496.955+/-0.197 χ^2/NDF : 266193.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.855+/-0.132 χ^2/NDF : 618443.3/17

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 77.493+/-41.811 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.348+/-37.330 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

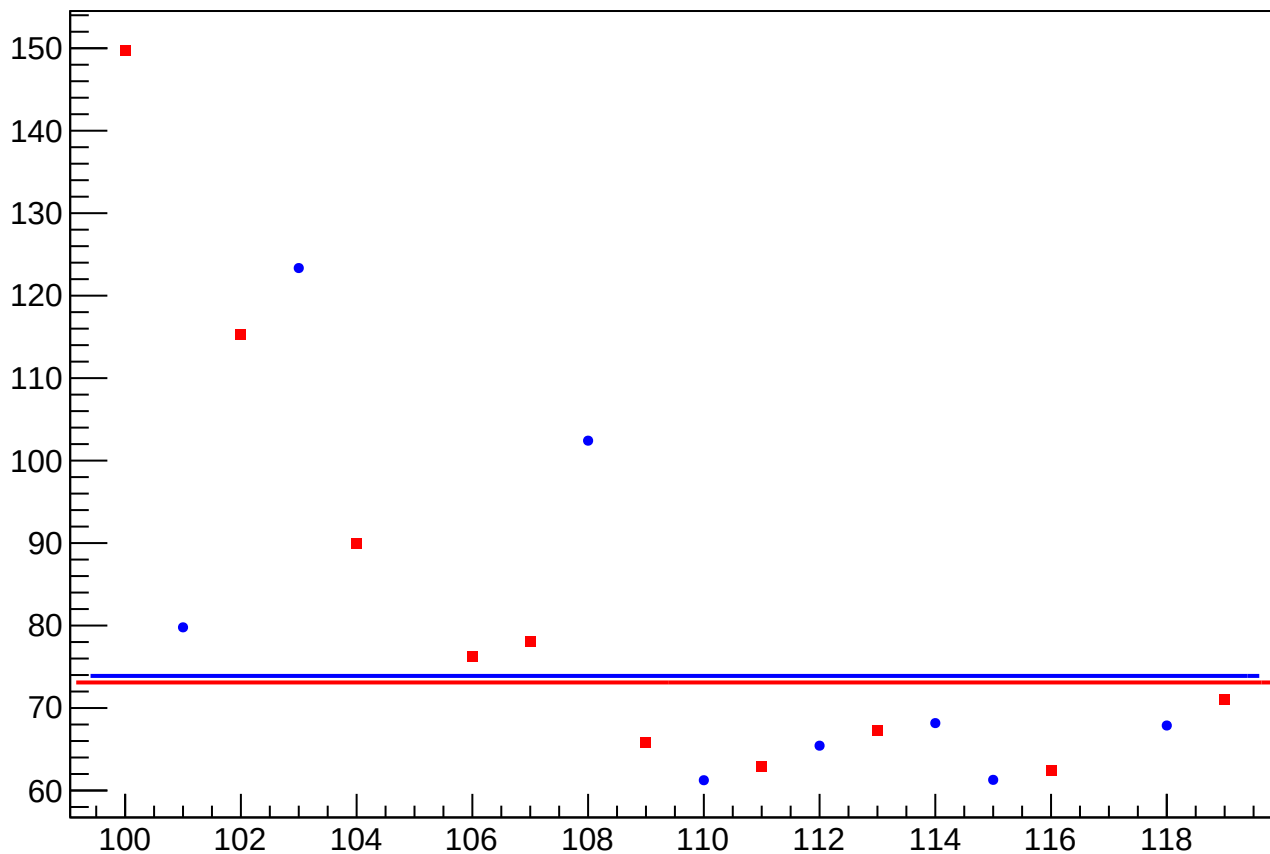
Right: 49.034+/-27.846 χ^2/NDF : 18.0/17

In: 77.493+/-41.811 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.034+/-27.846 χ^2/NDF : 18.0/17

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 73.893+/-0.030 χ^2/NDF : 330394.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.099+/-0.026 χ^2/NDF : 304545.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

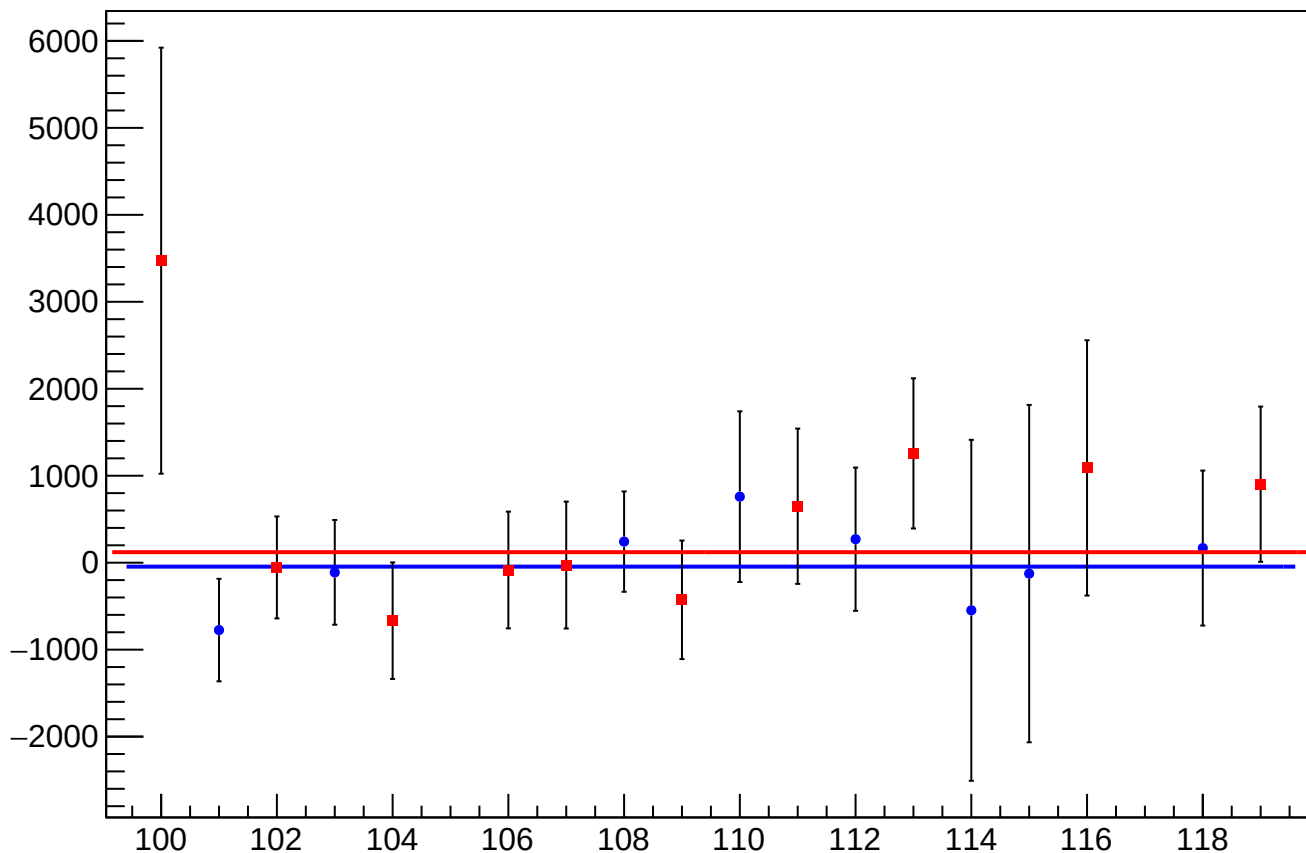
Right: 73.451+/-0.020 χ^2/NDF : 635341.5/17

In: 73.893+/-0.030 χ^2/NDF : 330394.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.451+/-0.020 χ^2/NDF : 635341.5/17

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -45.405 $\pm$ 277.996 χ^2 /NDF: 2.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.846 $\pm$ 251.040 χ^2 /NDF: 7.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

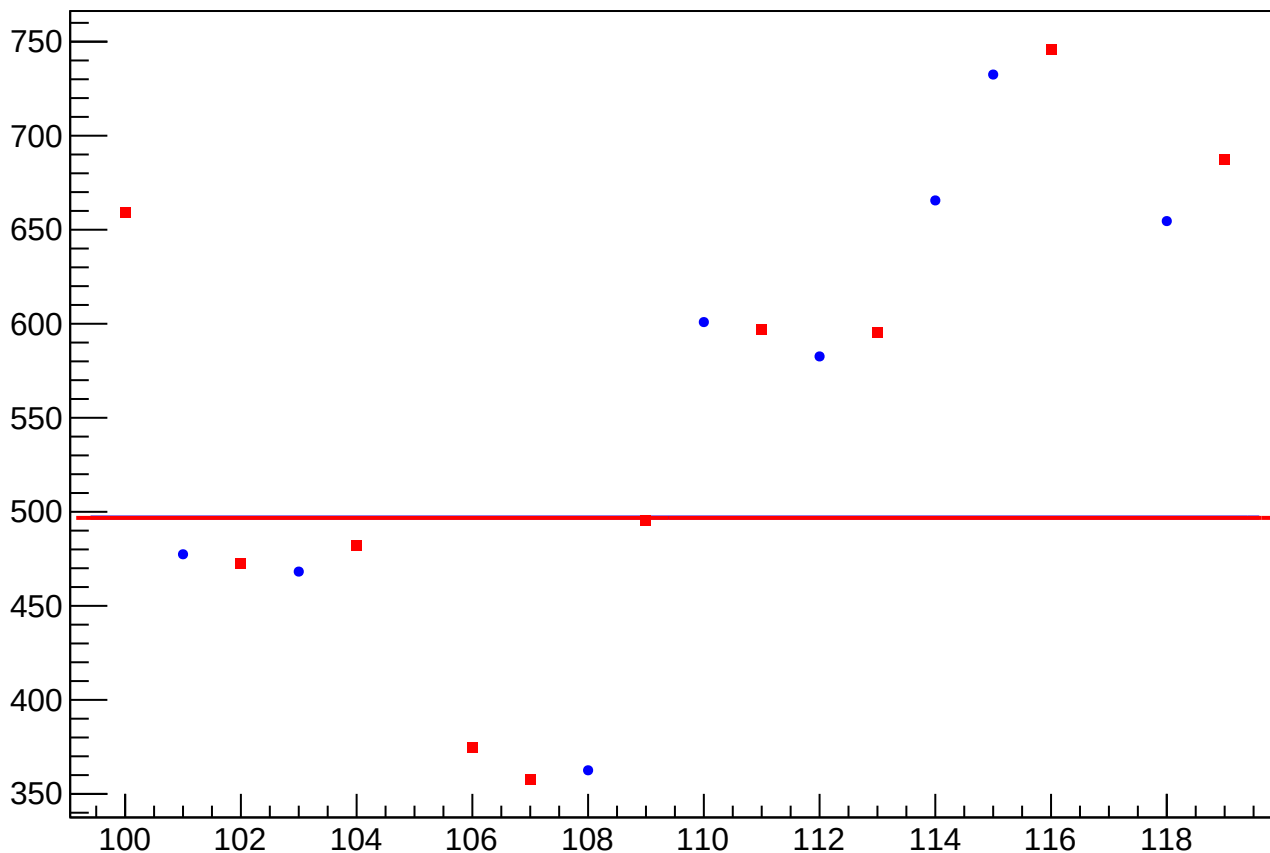
Right: 46.170 $\pm$ 186.315 χ^2 /NDF: 10.3/17

In: -45.405 $\pm$ 277.996 χ^2 /NDF:2.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.170 $\pm$ 186.315 χ^2 /NDF: 10.3/17

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 496.954+/-0.197 χ^2/NDF : 266196.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 496.772+/-0.178 χ^2/NDF : 352251.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

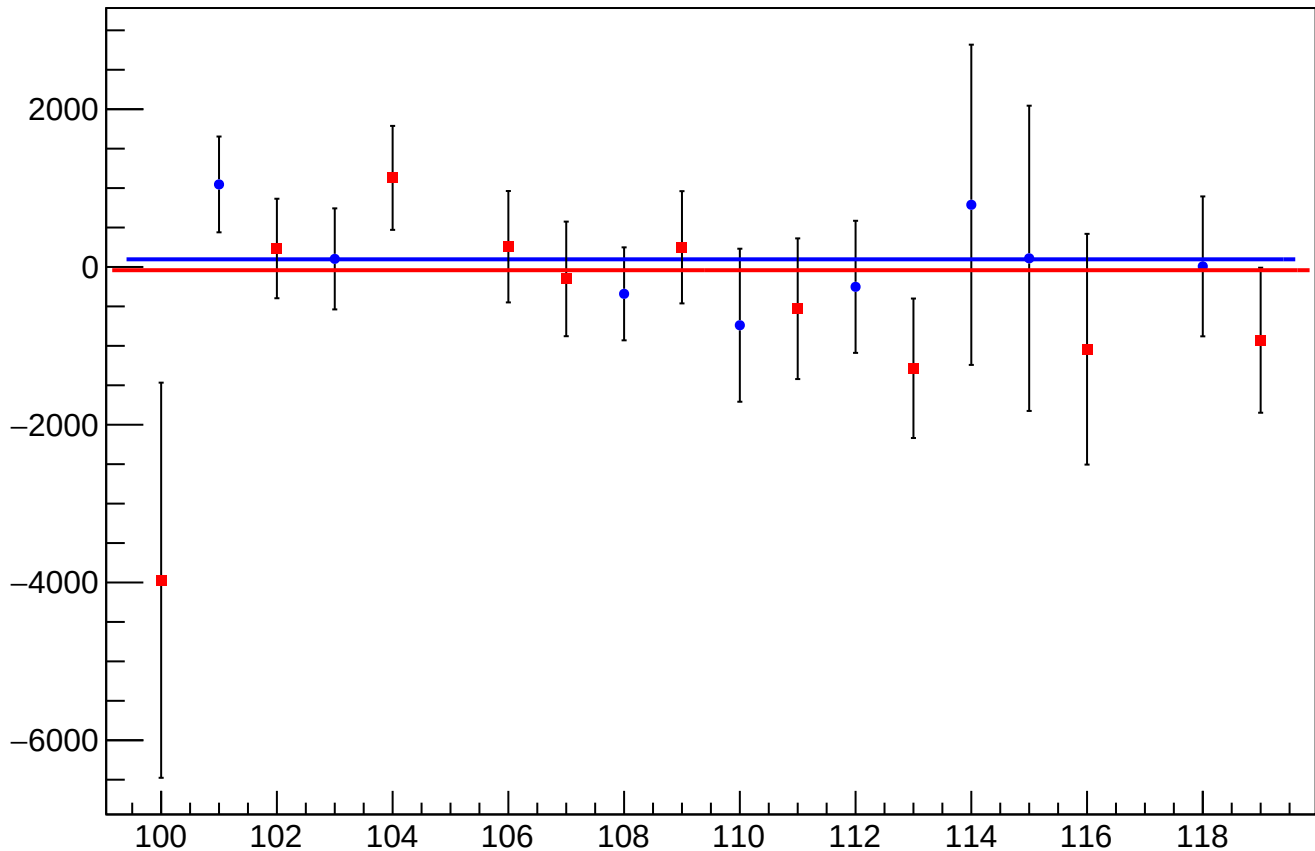
Right: 496.854+/-0.132 χ^2/NDF : 618448.2/17

In: 496.954+/-0.197 χ^2/NDF : 266196.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.854+/-0.132 χ^2/NDF : 618448.2/17

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 96.981+/-285.141 χ^2/NDF : 4.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.067+/-257.856 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

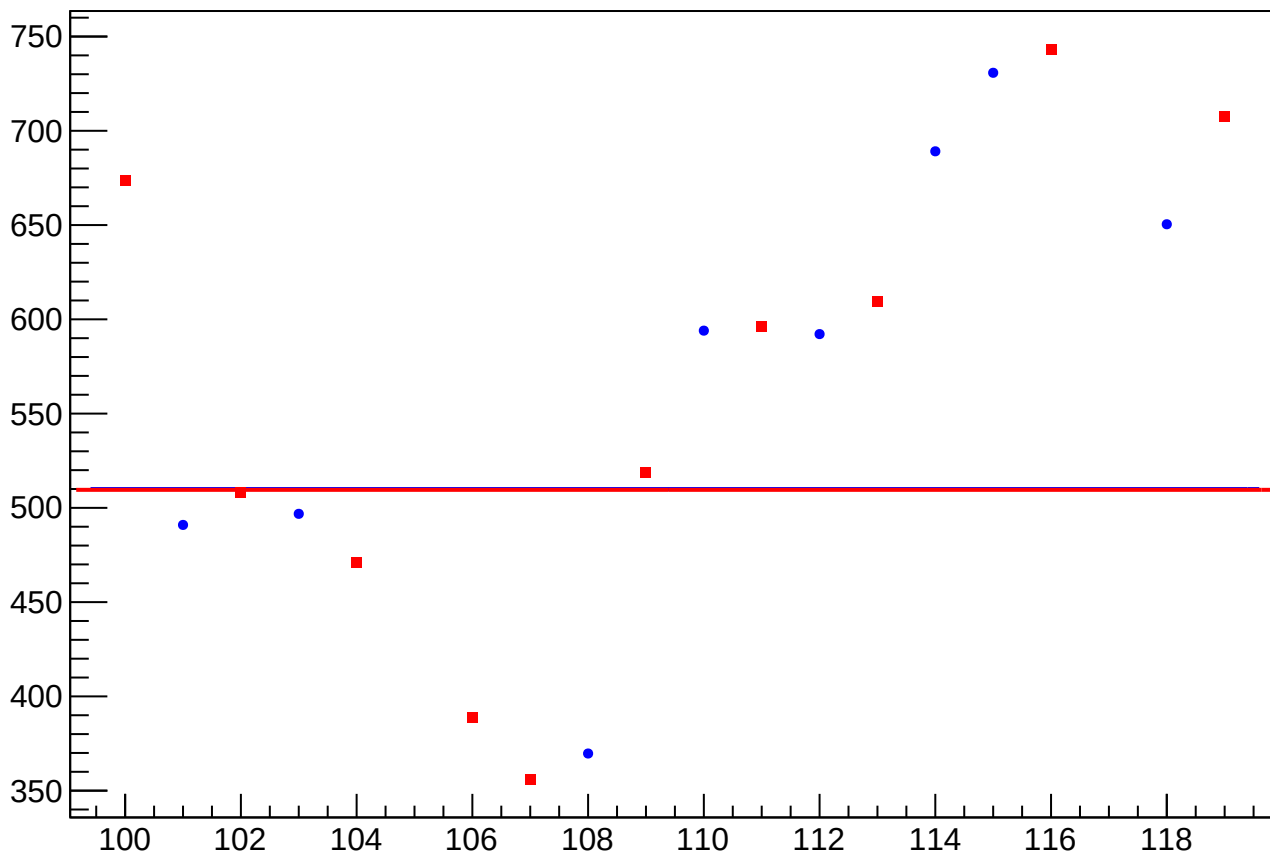
Right: 21.038+/-191.253 χ^2/NDF : 14.0/17

In: 96.981+/-285.141 χ^2/NDF : 4.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.038+/-191.253 χ^2/NDF : 14.0/17

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 509.981+/-0.202 χ^2/NDF : 242174.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 509.561+/-0.182 χ^2/NDF : 352224.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

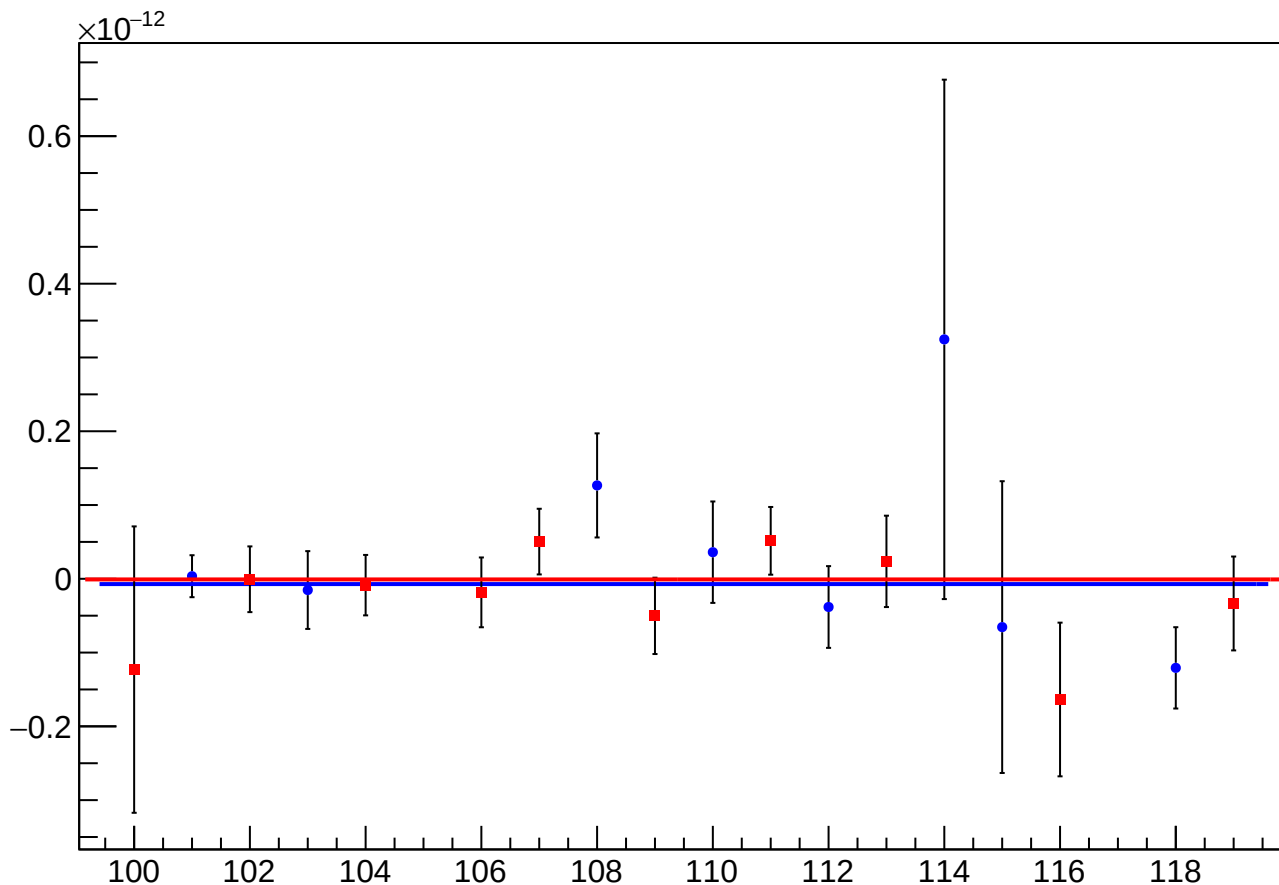
Right: 509.750+/-0.135 χ^2/NDF : 594401.6/17

In: 509.981+/-0.202 χ^2/NDF : 242174.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.750+/-0.135 χ^2/NDF : 594401.6/17

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

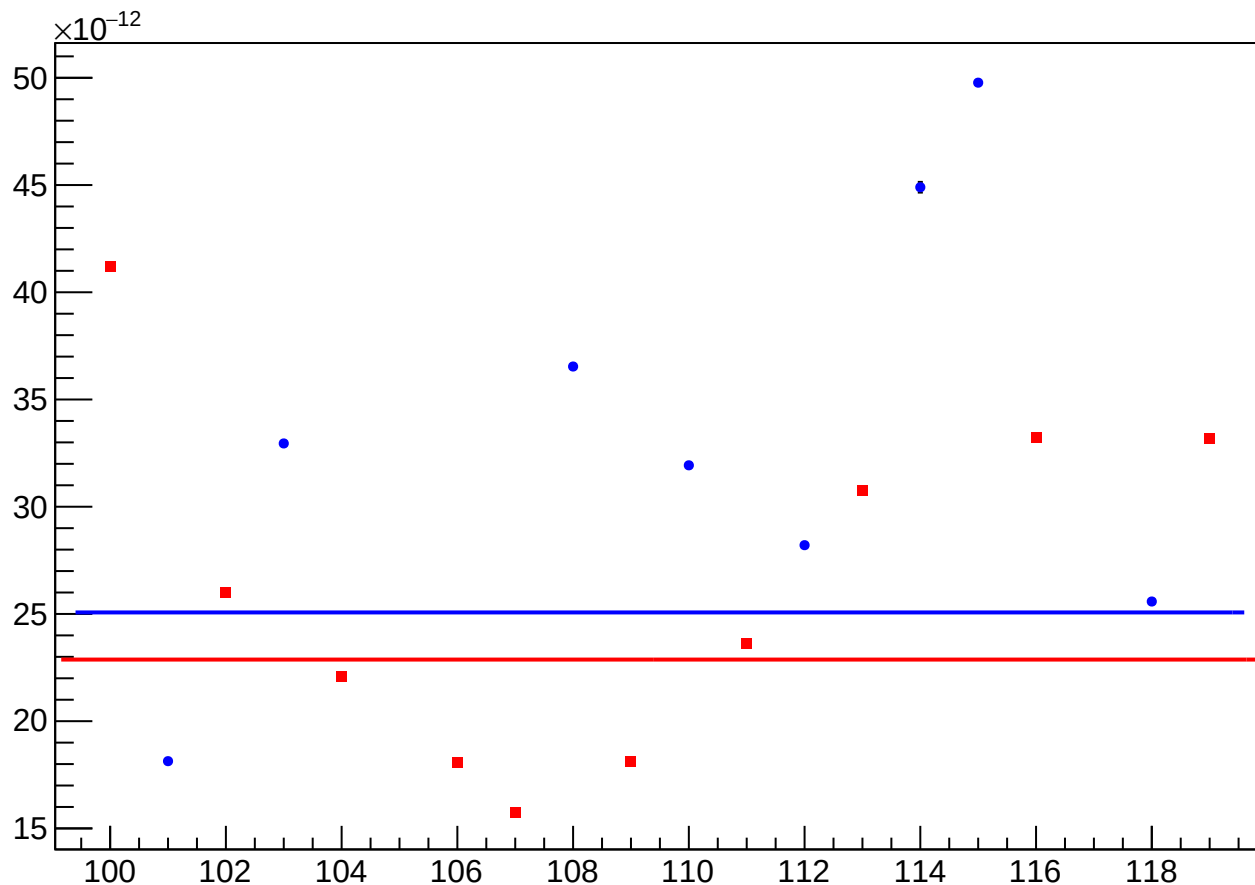
Right: -0.000+/-0.000 χ^2/NDF : 16.7/17

In: -0.000+/-0.000 χ^2/NDF : 9.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/17

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 280465.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222758.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

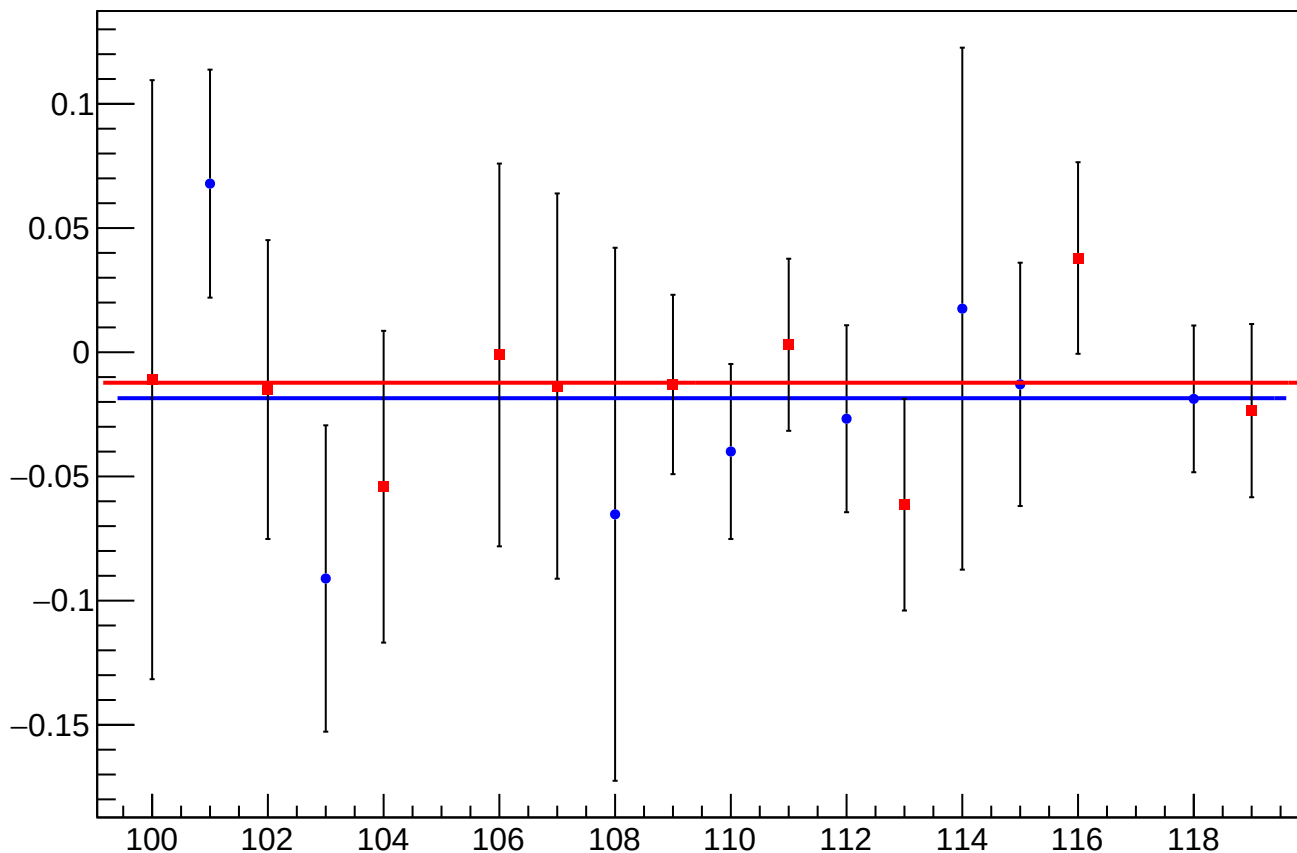
Right: 0.000+/-0.000 χ^2/NDF : 517990.6/17

In: 0.000+/-0.000 χ^2/NDF : 280465.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 517990.6/17

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.016 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

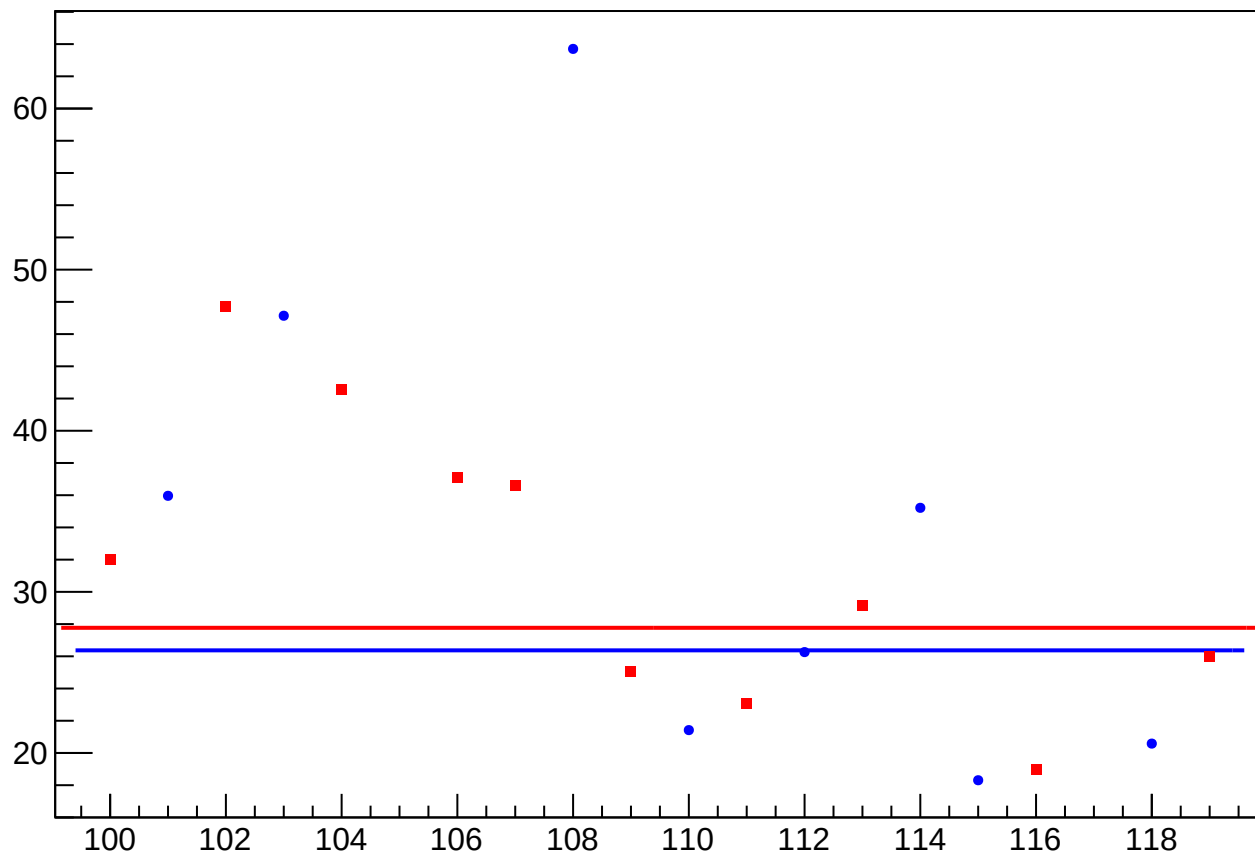
Right: -0.015+/-0.011 χ^2/NDF : 9.5/17

In: -0.018+/-0.016 χ^2/NDF :5.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.011 χ^2/NDF : 9.5/17

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.370+/-0.011 χ^2/NDF : 741006.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549073.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

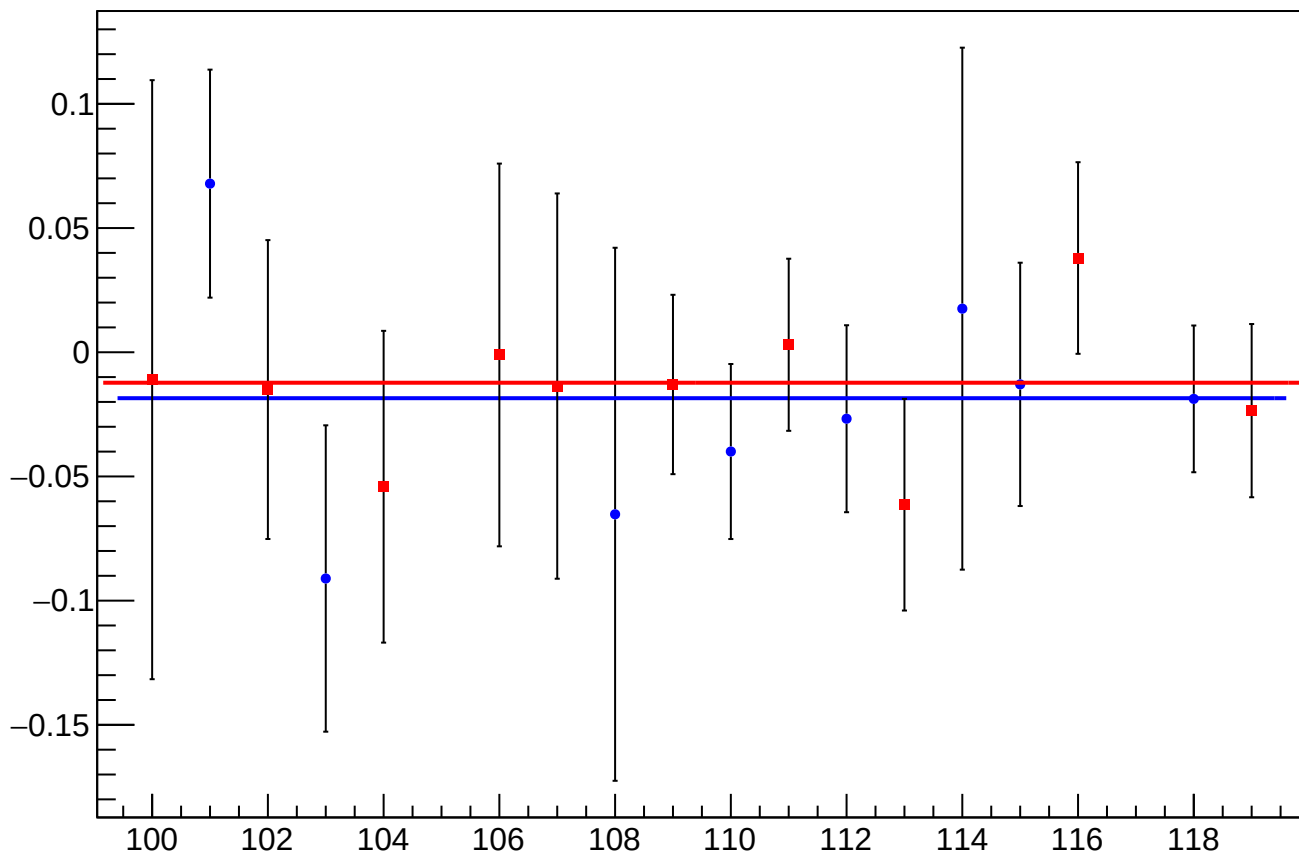
Right: 27.118+/-0.008 χ^2/NDF : 1298435.4/17

In: 26.370+/-0.011 χ^2/NDF : 741006.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.118+/-0.008 χ^2/NDF : 1298435.4/17

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.016 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

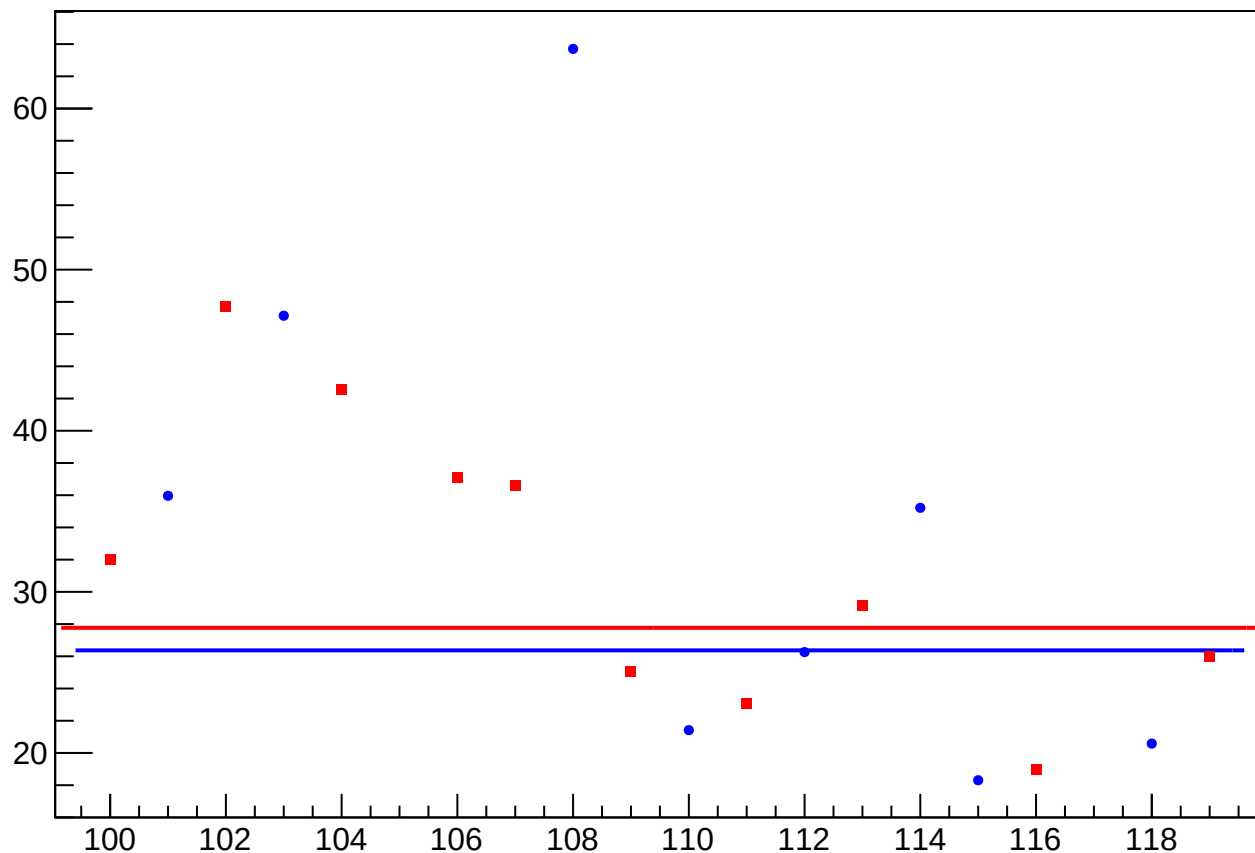
Right: -0.015+/-0.011 χ^2/NDF : 9.5/17

In: -0.018+/-0.016 χ^2/NDF :5.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.011 χ^2/NDF : 9.5/17

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.370+/-0.011 χ^2/NDF : 741006.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549073.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

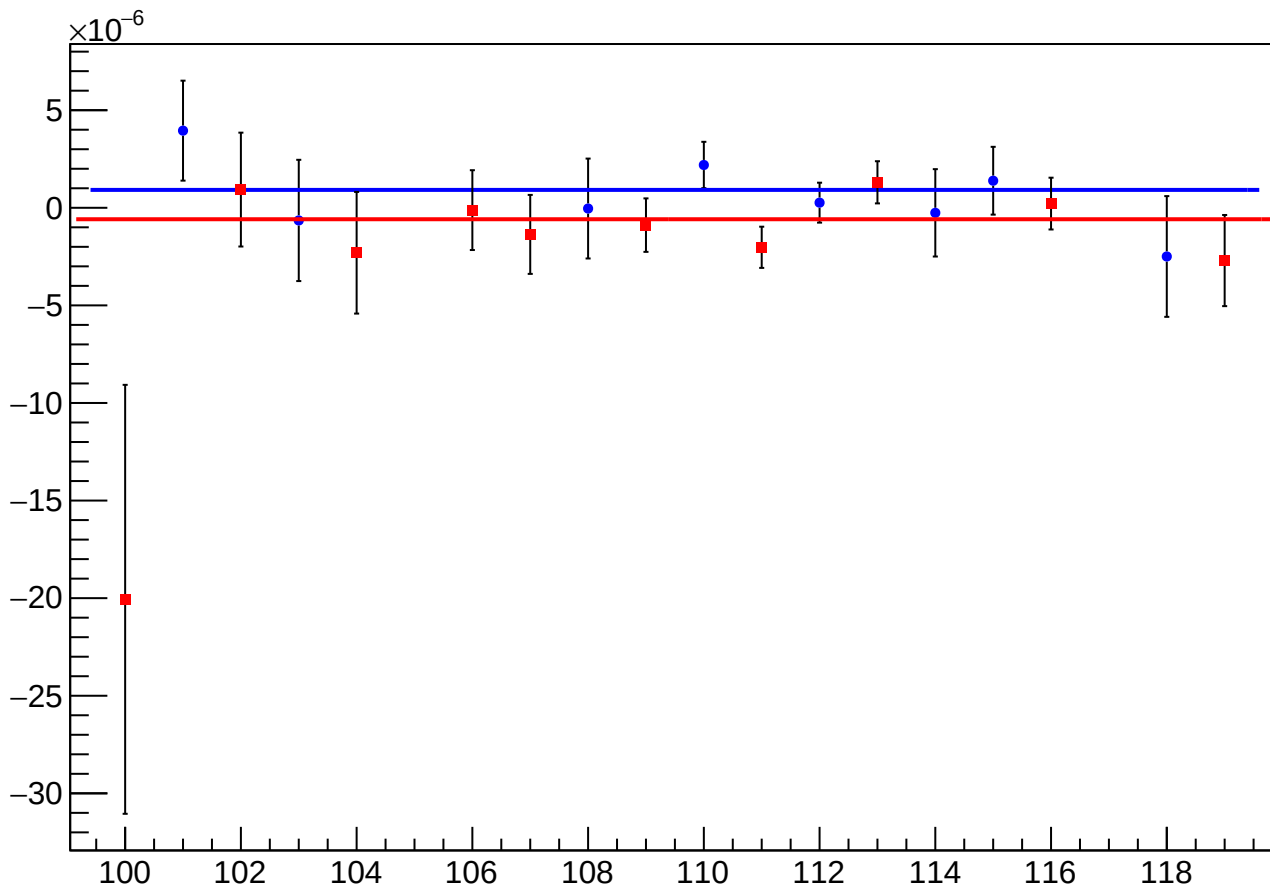
Right: 27.118+/-0.008 χ^2/NDF : 1298435.4/17

In: 26.370+/-0.011 χ^2/NDF : 741006.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.118+/-0.008 χ^2/NDF : 1298435.4/17

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

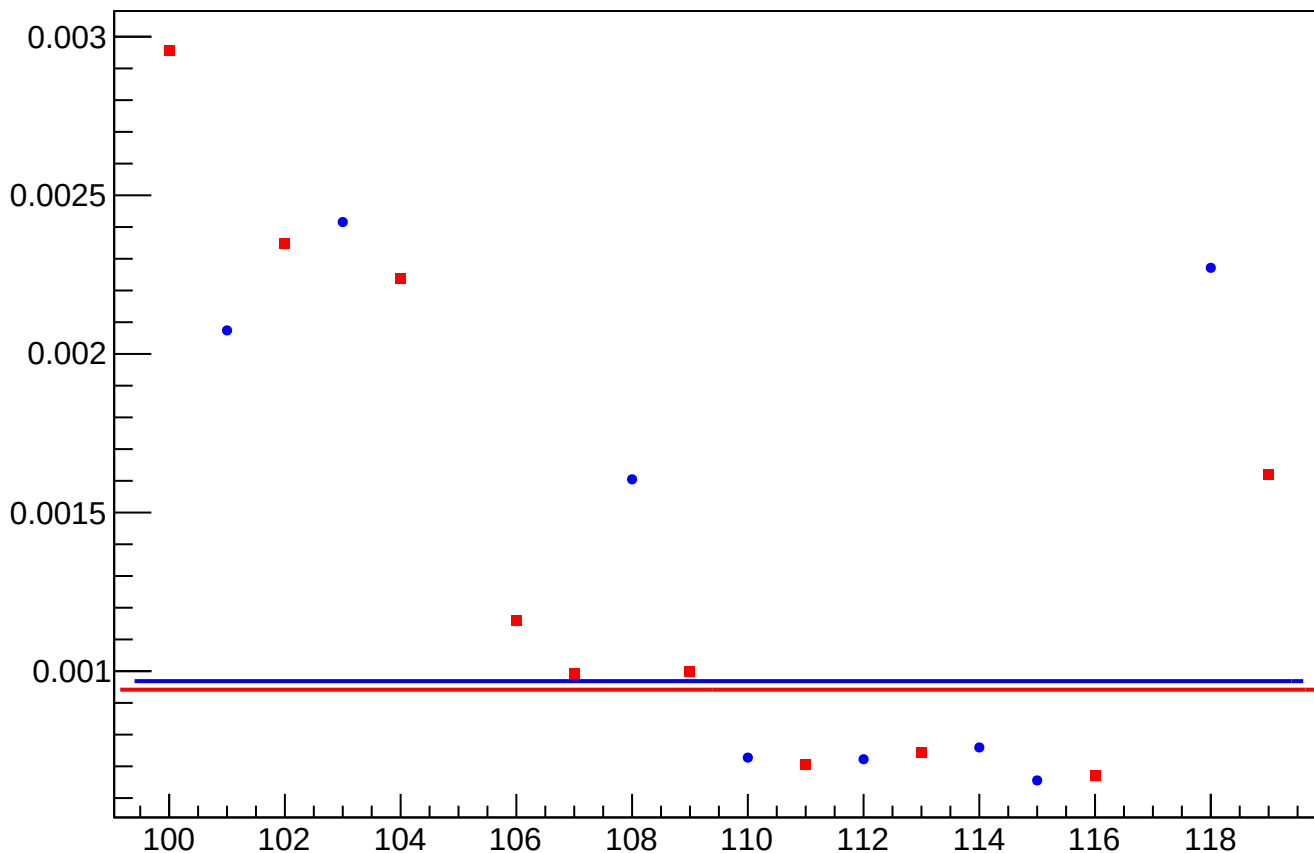
Right: 0.000+/-0.000 χ^2/NDF : 18.6/17

In: 0.000+/-0.000 χ^2/NDF : 4.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.6/17

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1566000.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1324977.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

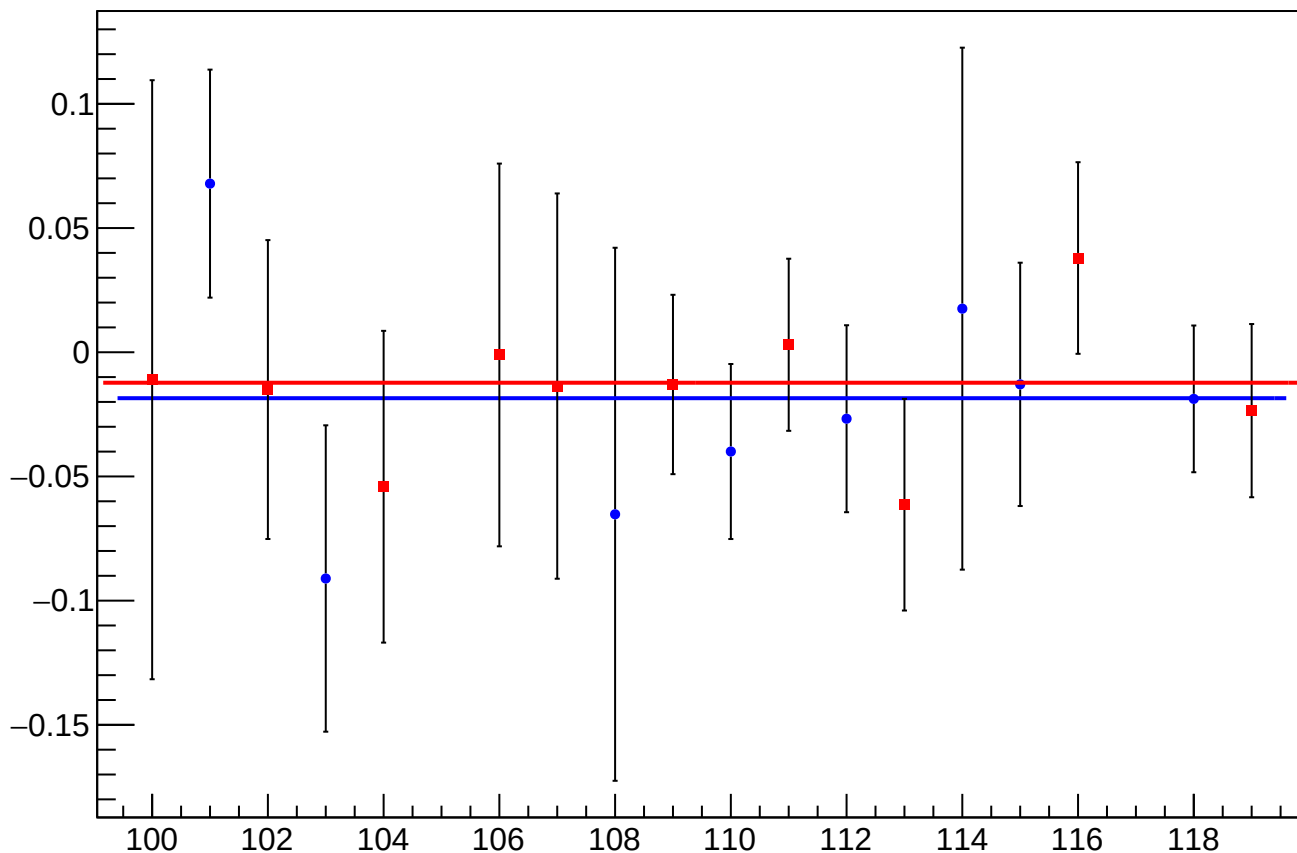
Right: 0.001+/-0.000 χ^2/NDF : 2893271.1/17

In: 0.001+/-0.000 χ^2/NDF :1566000.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2893271.1/17

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.016 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

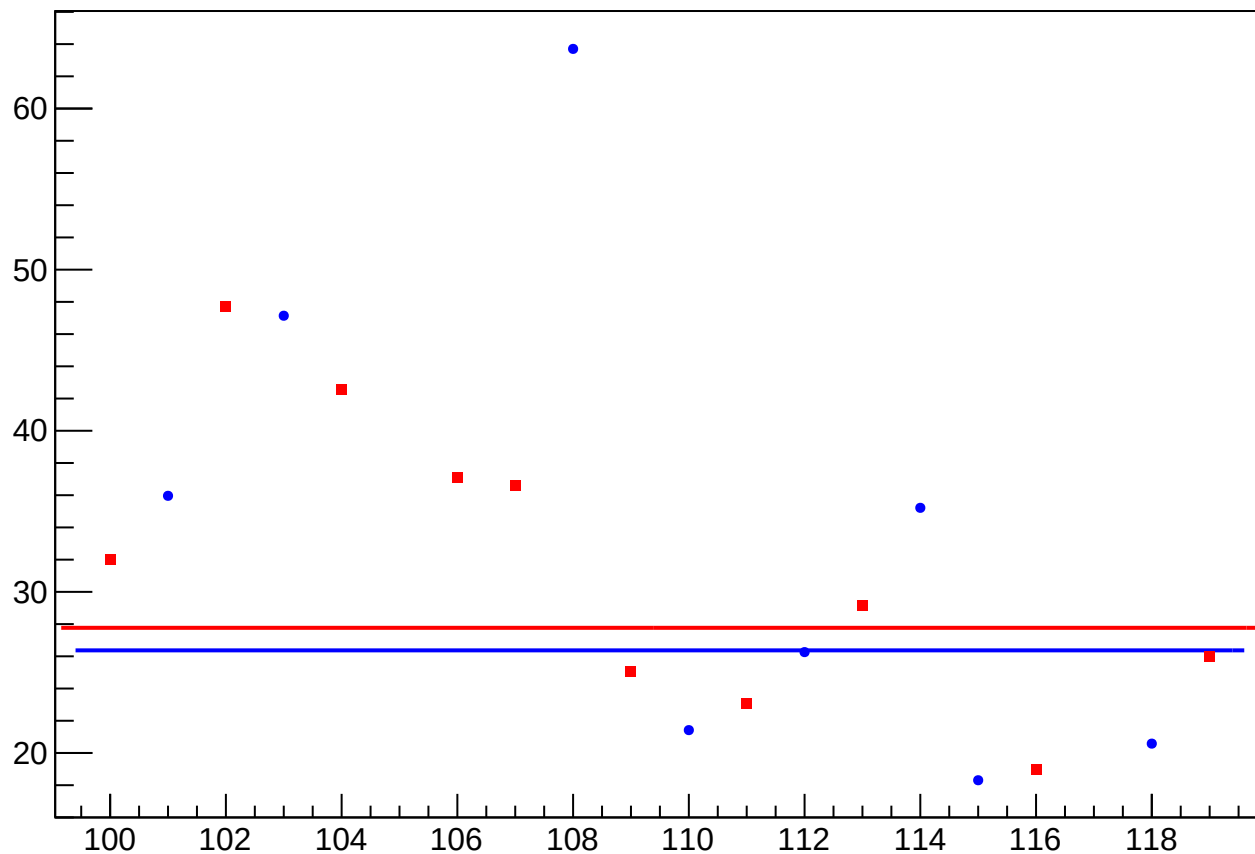
Right: -0.015+/-0.011 χ^2/NDF : 9.5/17

In: -0.018+/-0.016 χ^2/NDF :5.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.011 χ^2/NDF : 9.5/17

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.369+/-0.011 χ^2/NDF : 741070.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549091.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

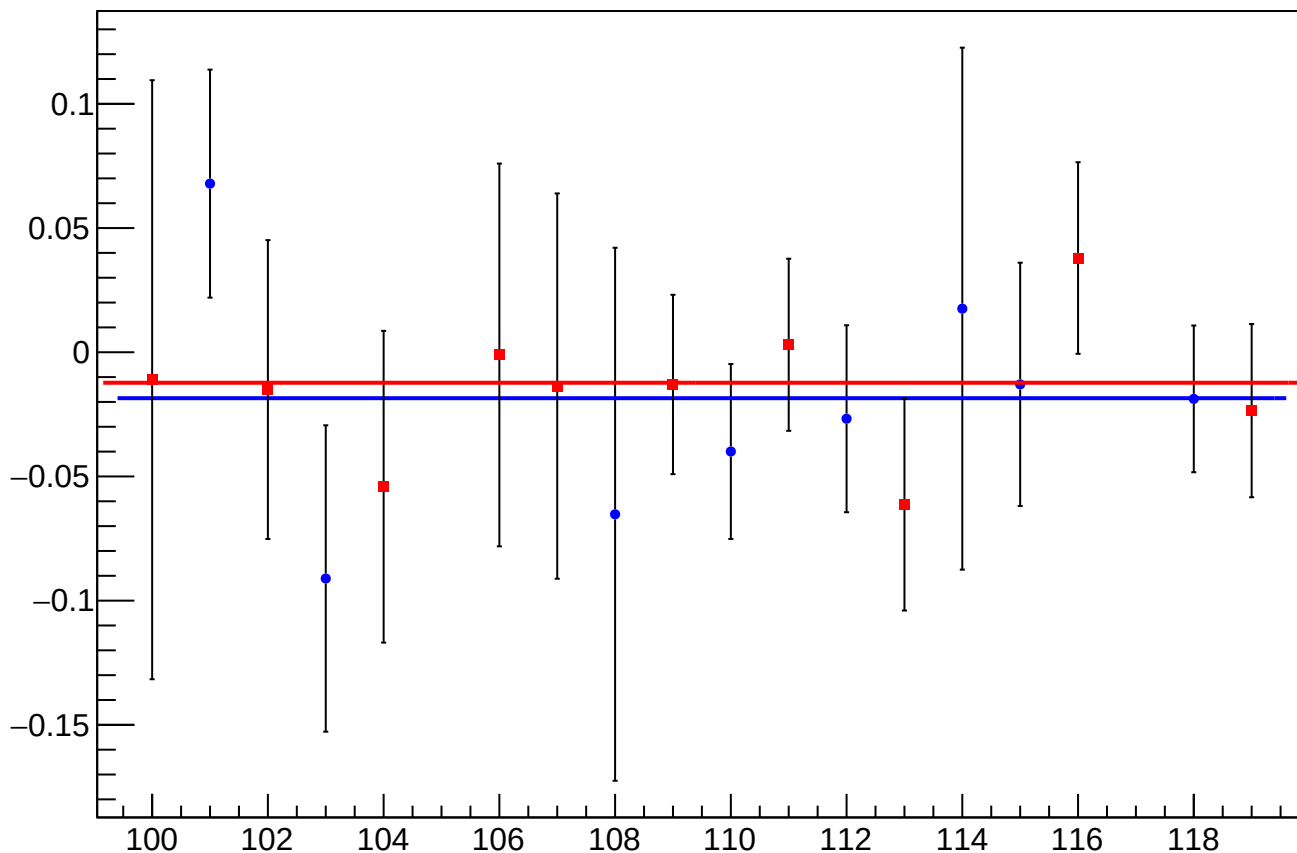
Right: 27.117+/-0.008 χ^2/NDF : 1298518.4/17

In: 26.369+/-0.011 χ^2/NDF : 741070.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.117+/-0.008 χ^2/NDF : 1298518.4/17

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018+/-0.016 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 3.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

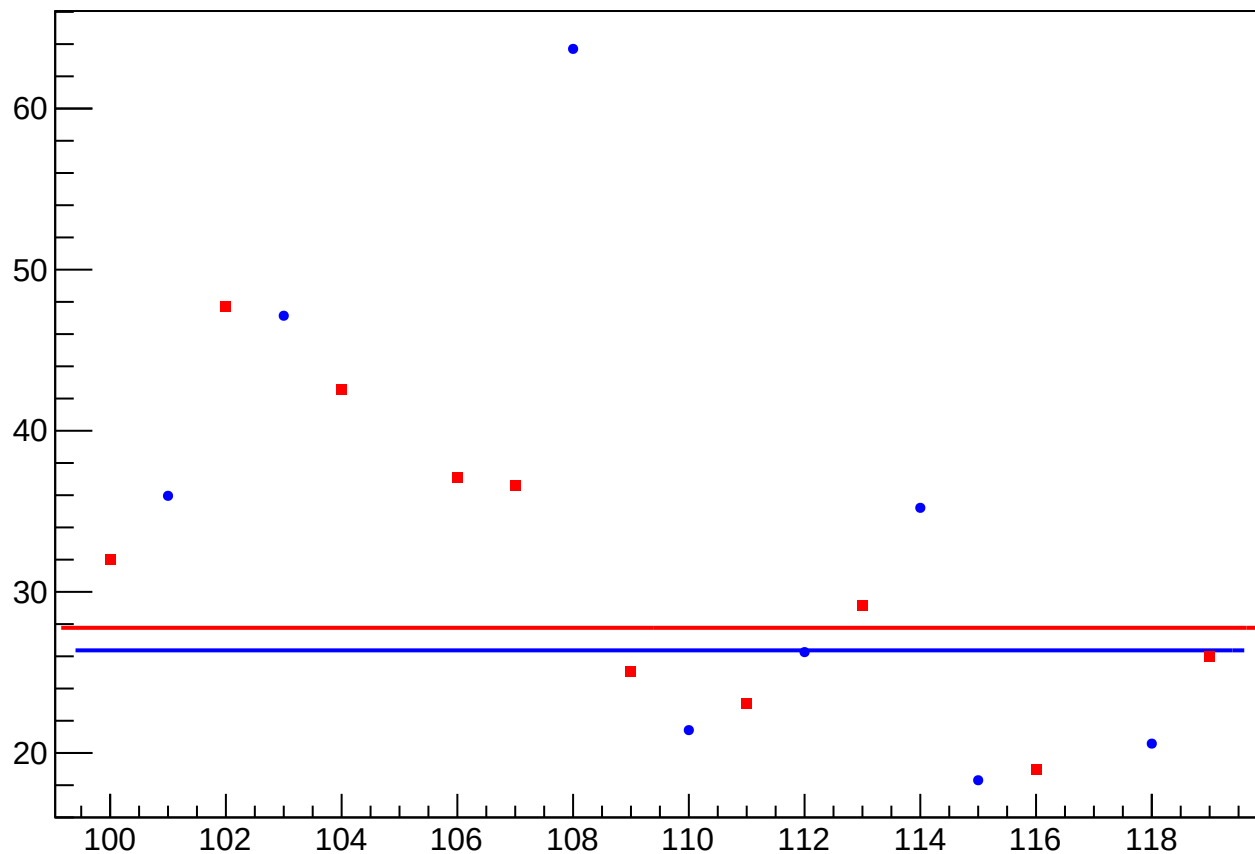
Right: -0.015+/-0.011 χ^2/NDF : 9.5/17

In: -0.018+/-0.016 χ^2/NDF :5.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.011 χ^2/NDF : 9.5/17

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.369+/-0.011 χ^2/NDF : 741070.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.769+/-0.010 χ^2/NDF : 549091.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

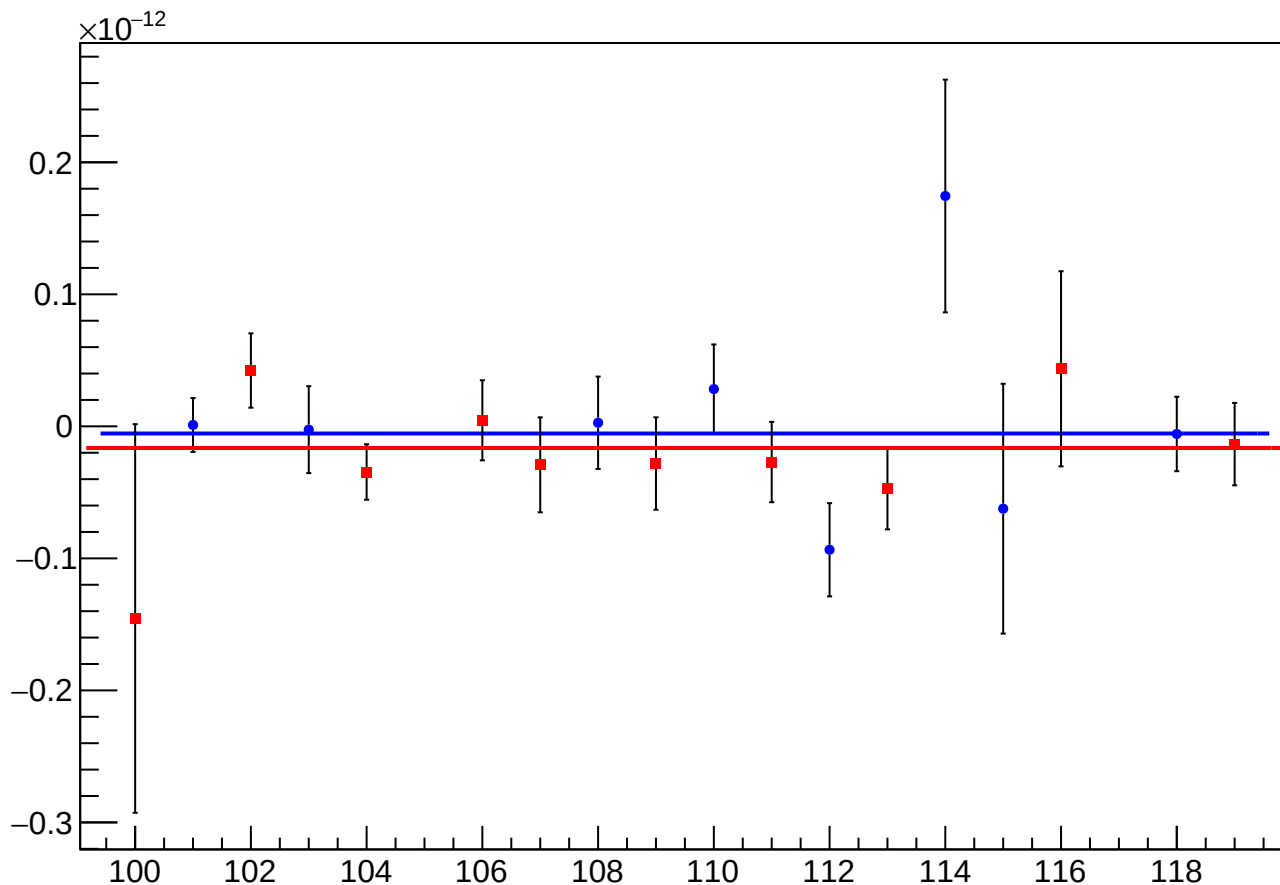
Right: 27.117+/-0.008 χ^2/NDF : 1298518.4/17

In: 26.369+/-0.011 χ^2/NDF : 741070.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.117+/-0.008 χ^2/NDF : 1298518.4/17

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

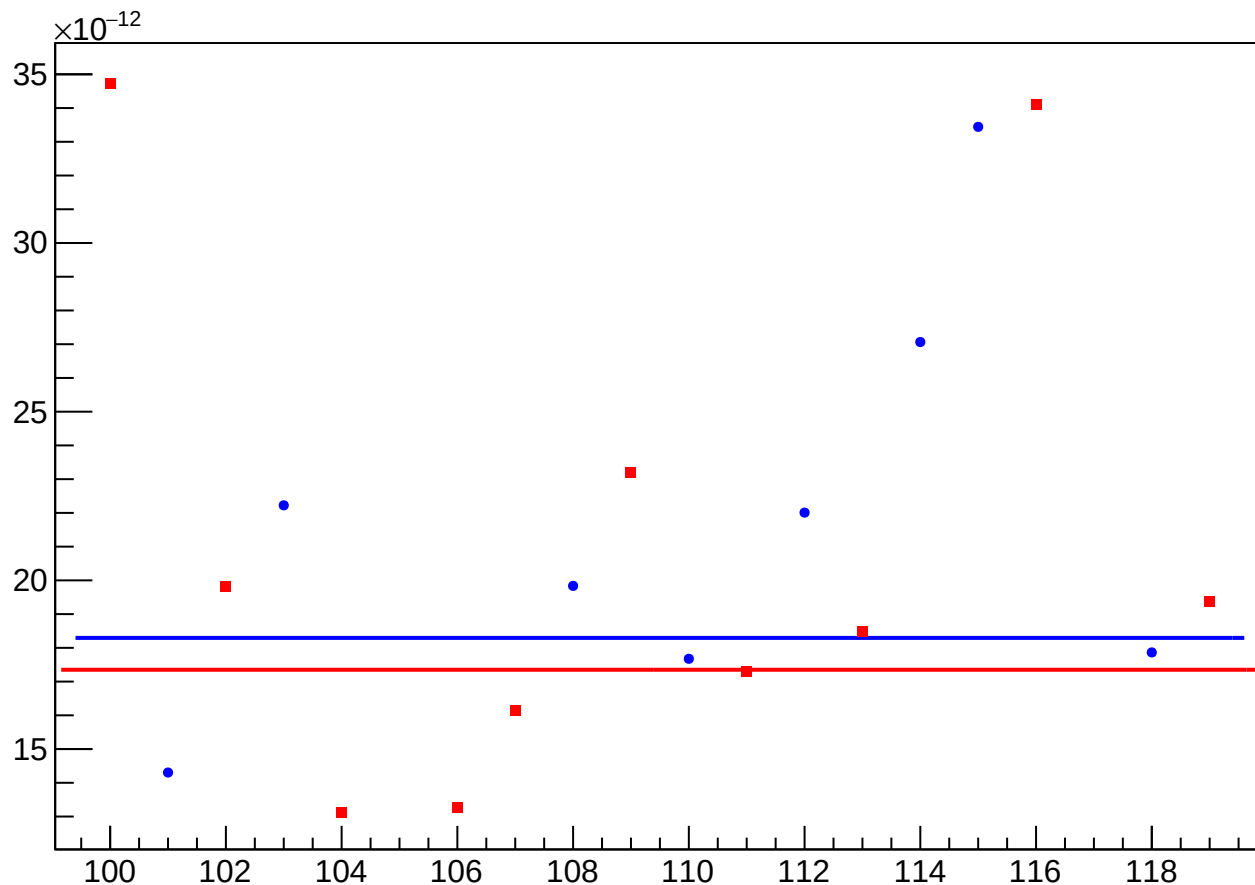
Right: -0.000+/-0.000 χ^2/NDF : 20.8/17

In: -0.000+/-0.000 χ^2/NDF : 11.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.8/17

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 203307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 332159.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

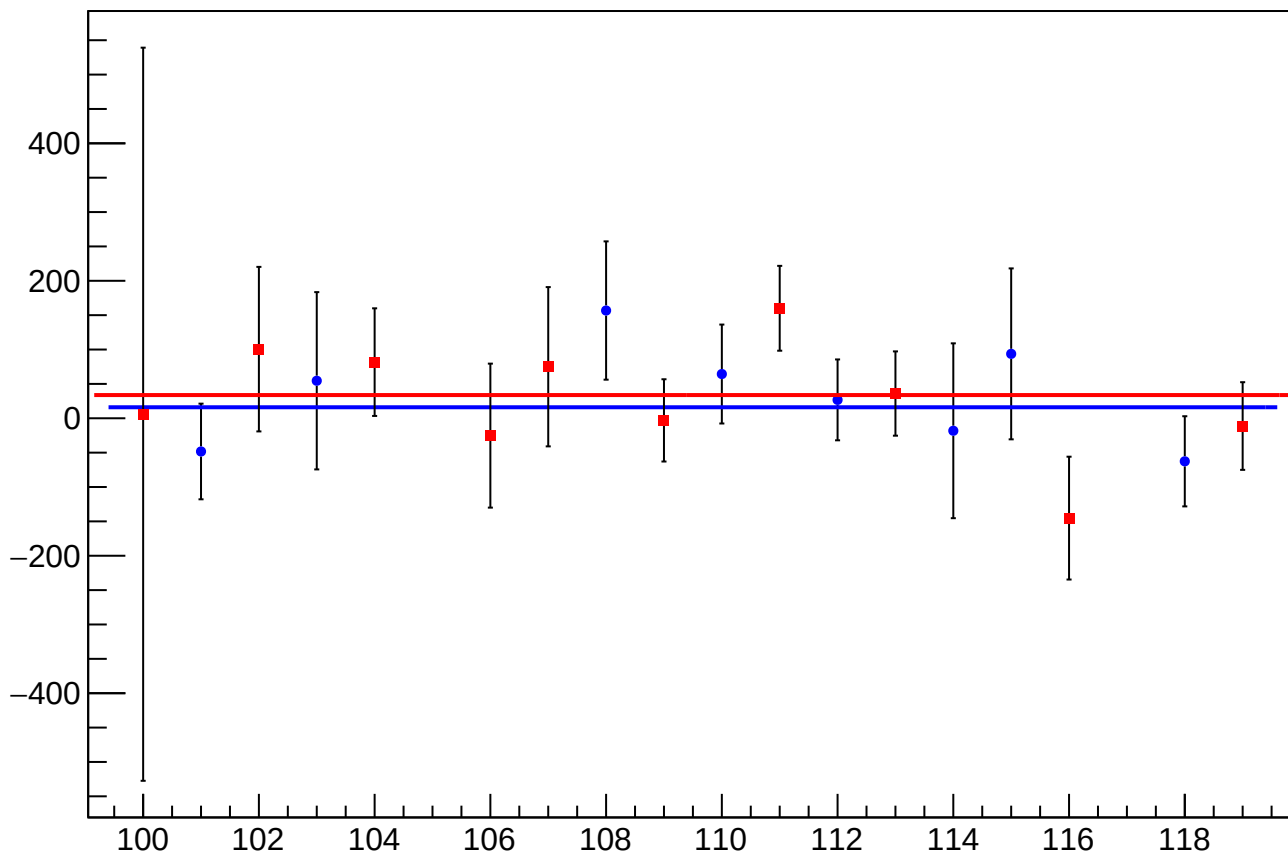
Right: 0.000+/-0.000 χ^2/NDF : 542874.7/17

In: 0.000+/-0.000 χ^2/NDF : 203307.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 542874.7/17

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 16.019+/-28.789 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.771+/-25.149 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

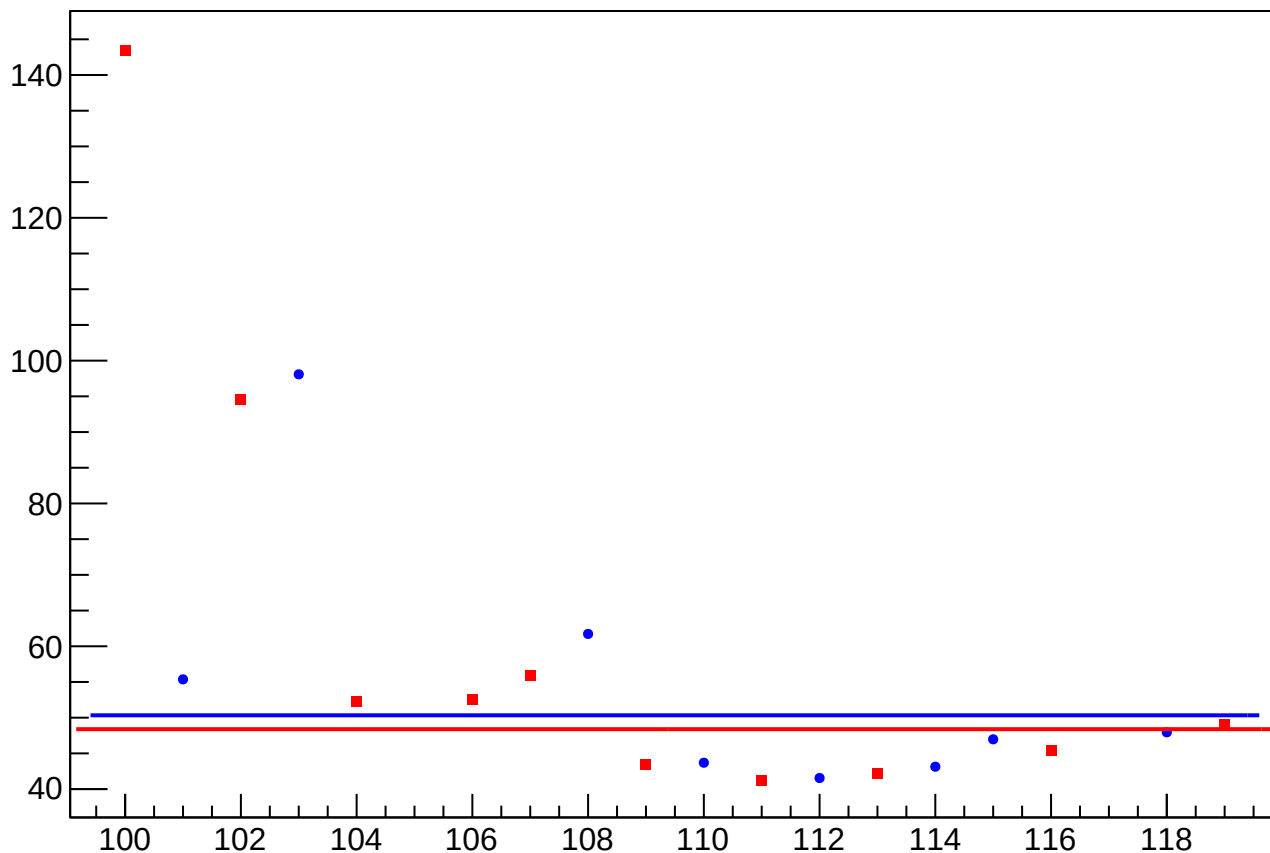
Right: 26.088+/-18.940 χ^2/NDF : 15.7/17

In: 16.019+/-28.789 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.088+/-18.940 χ^2/NDF : 15.7/17

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.333+/-0.020 χ^2/NDF : 382427.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.391+/-0.018 χ^2/NDF : 440673.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

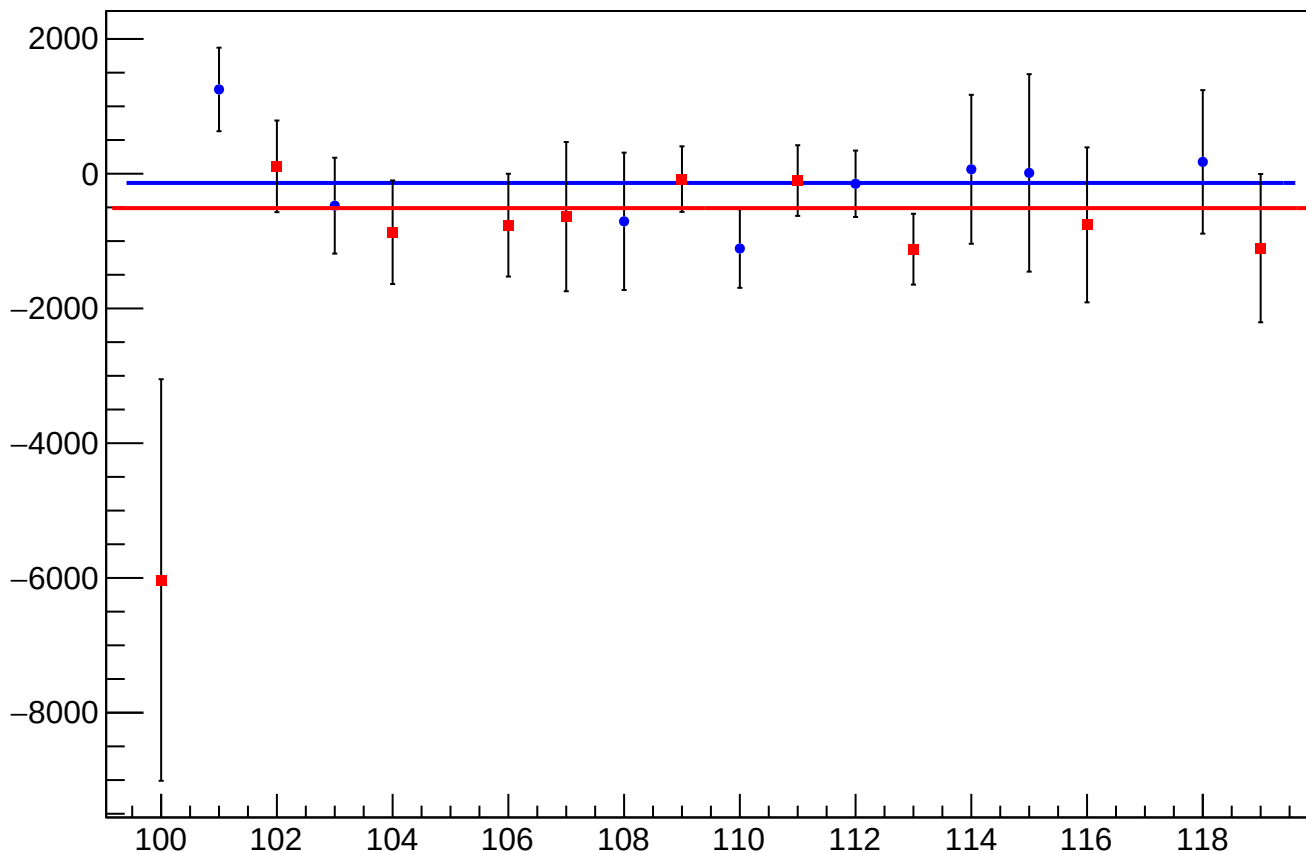
Right: 49.232+/-0.013 χ^2/NDF : 828261.3/17

In: 50.333+/-0.020 χ^2/NDF : 382427.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.232+/-0.013 χ^2/NDF : 828261.3/17

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -136.958 $\pm$ 260.388 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -510.670 $\pm$ 226.110 χ^2 /NDF: 7.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

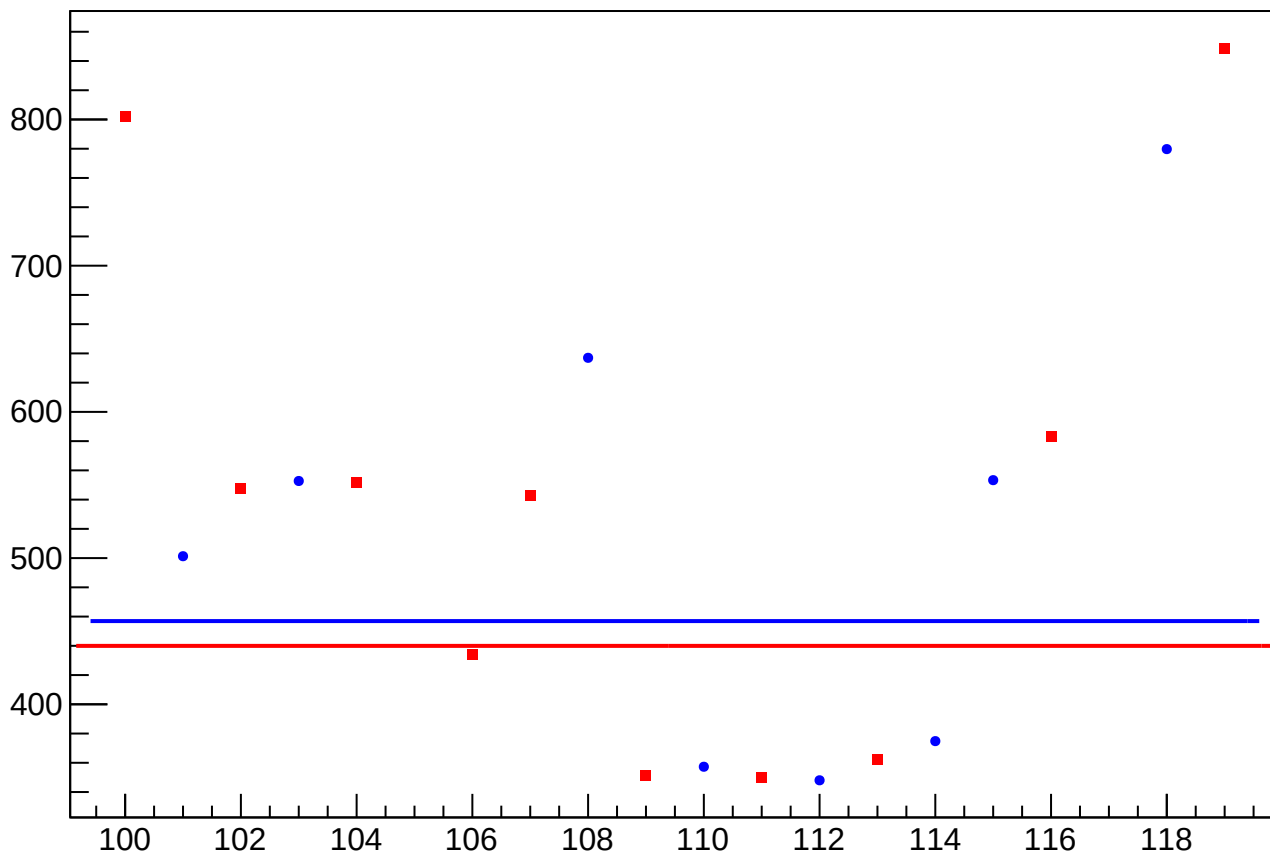
Right: -350.016 $\pm$ 170.726 χ^2 /NDF: 17.3/17

In: -136.958 $\pm$ 260.388 χ^2 /NDF:8.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -350.016 $\pm$ 170.726 χ^2 /NDF: 17.3/17

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 456.921+/-0.184 χ^2/NDF : 468064.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 439.960+/-0.160 χ^2/NDF : 614296.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

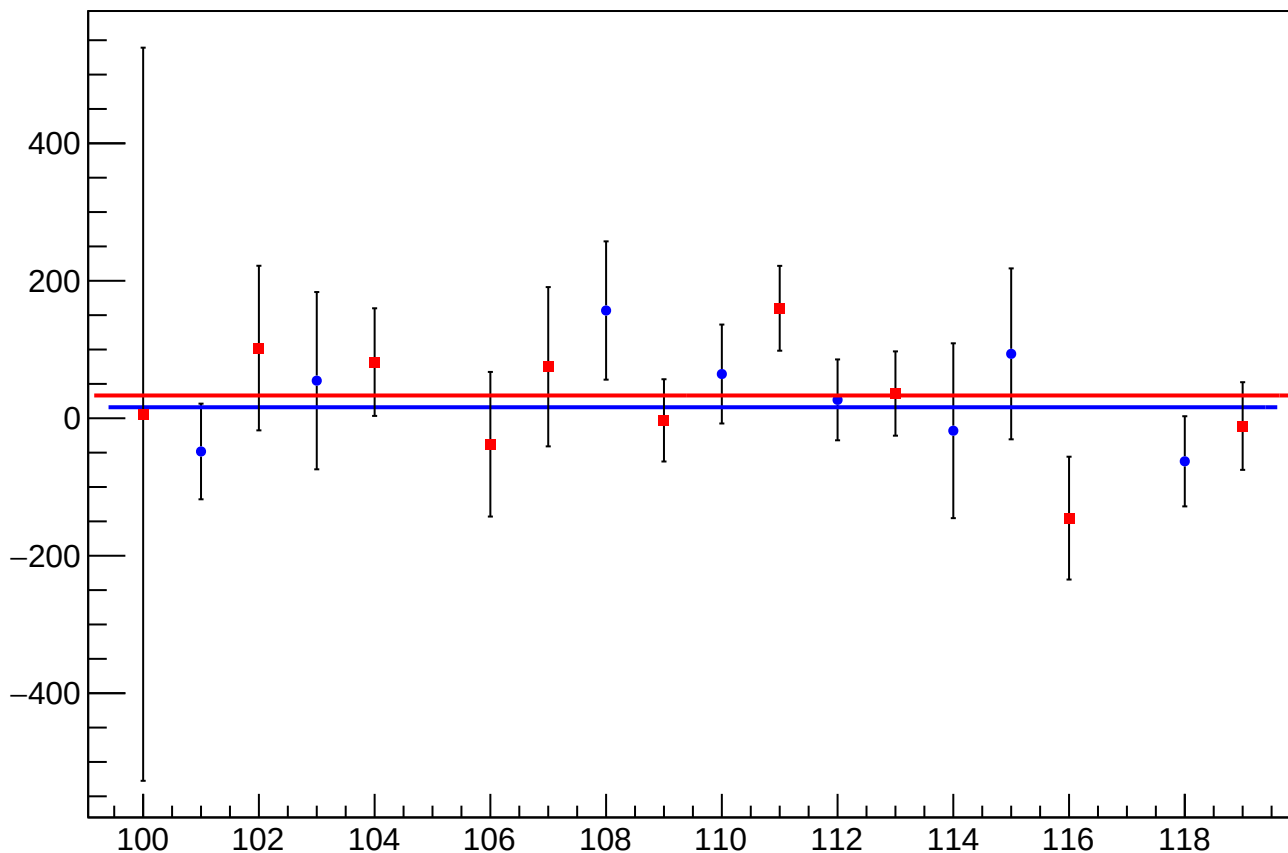
Right: 447.251+/-0.121 χ^2/NDF : 1087198.8/17

In: 456.921+/-0.184 χ^2/NDF :468064.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 447.251+/-0.121 χ^2/NDF : 1087198.8/17

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 16.033+/-28.789 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.155+/-25.156 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

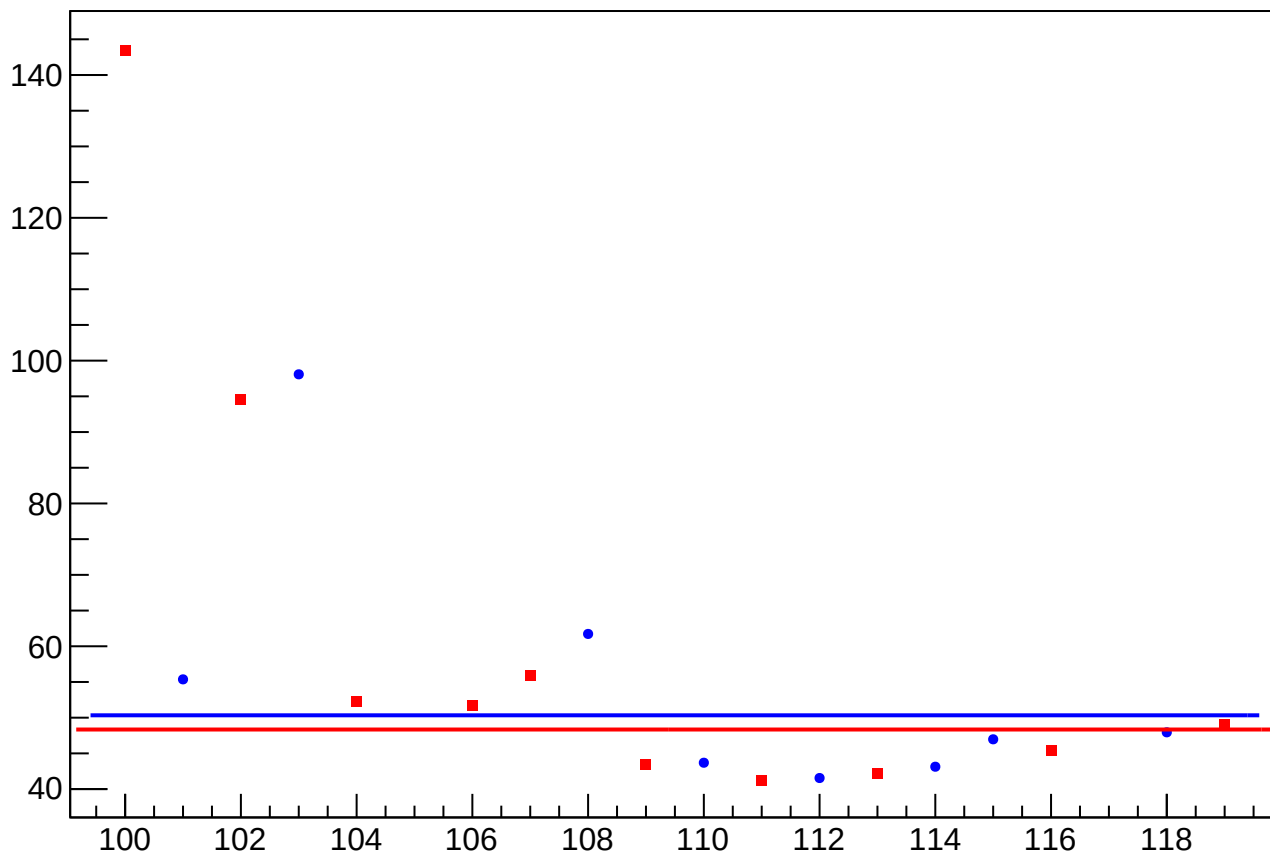
Right: 25.742+/-18.943 χ^2/NDF : 15.9/17

In: 16.033+/-28.789 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.742+/-18.943 χ^2/NDF : 15.9/17

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.333+/-0.020 χ^2/NDF : 382430.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.342+/-0.018 χ^2/NDF : 439779.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

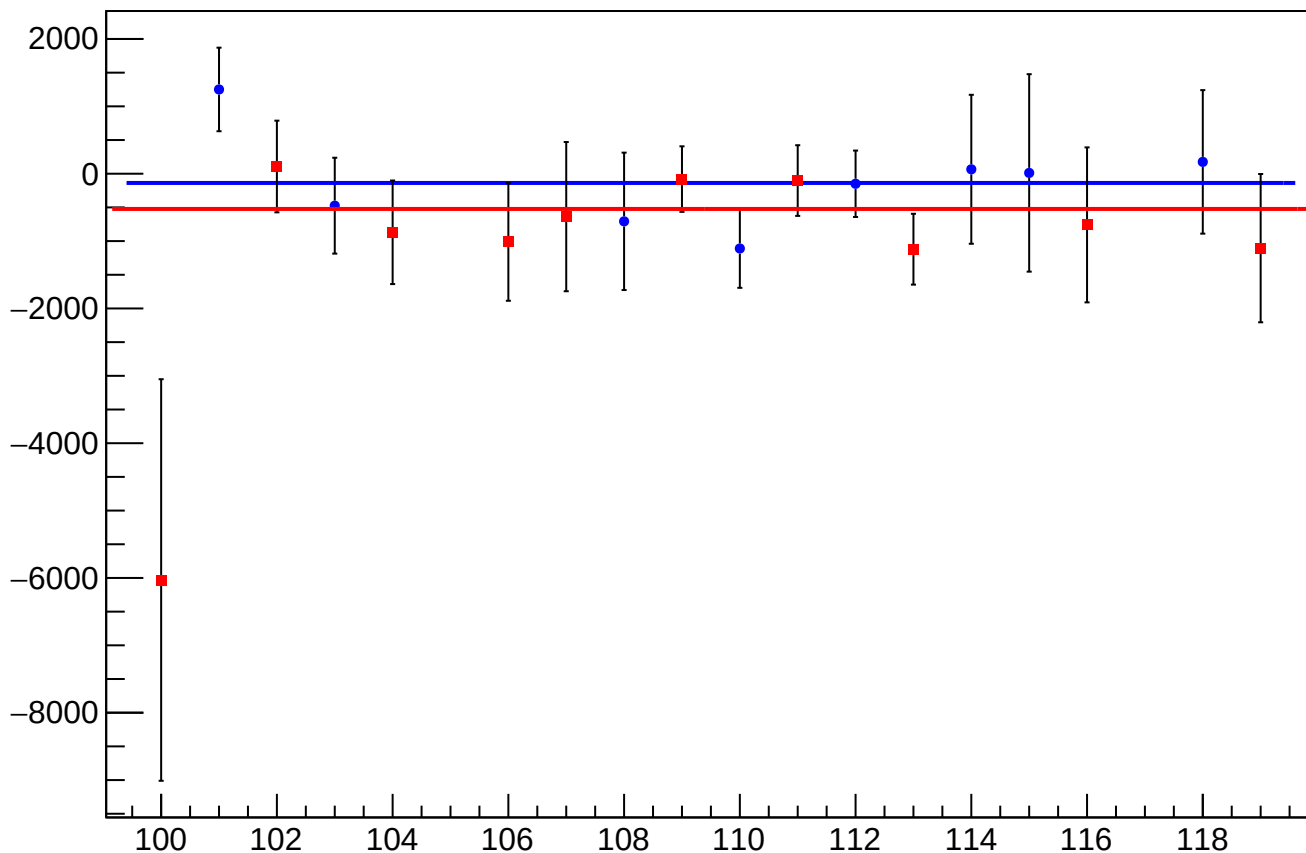
Right: 49.204+/-0.013 χ^2/NDF : 827632.0/17

In: 50.333+/-0.020 χ^2/NDF : 382430.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.204+/-0.013 χ^2/NDF : 827632.0/17

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -136.957+/-260.392 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.845+/-228.516 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

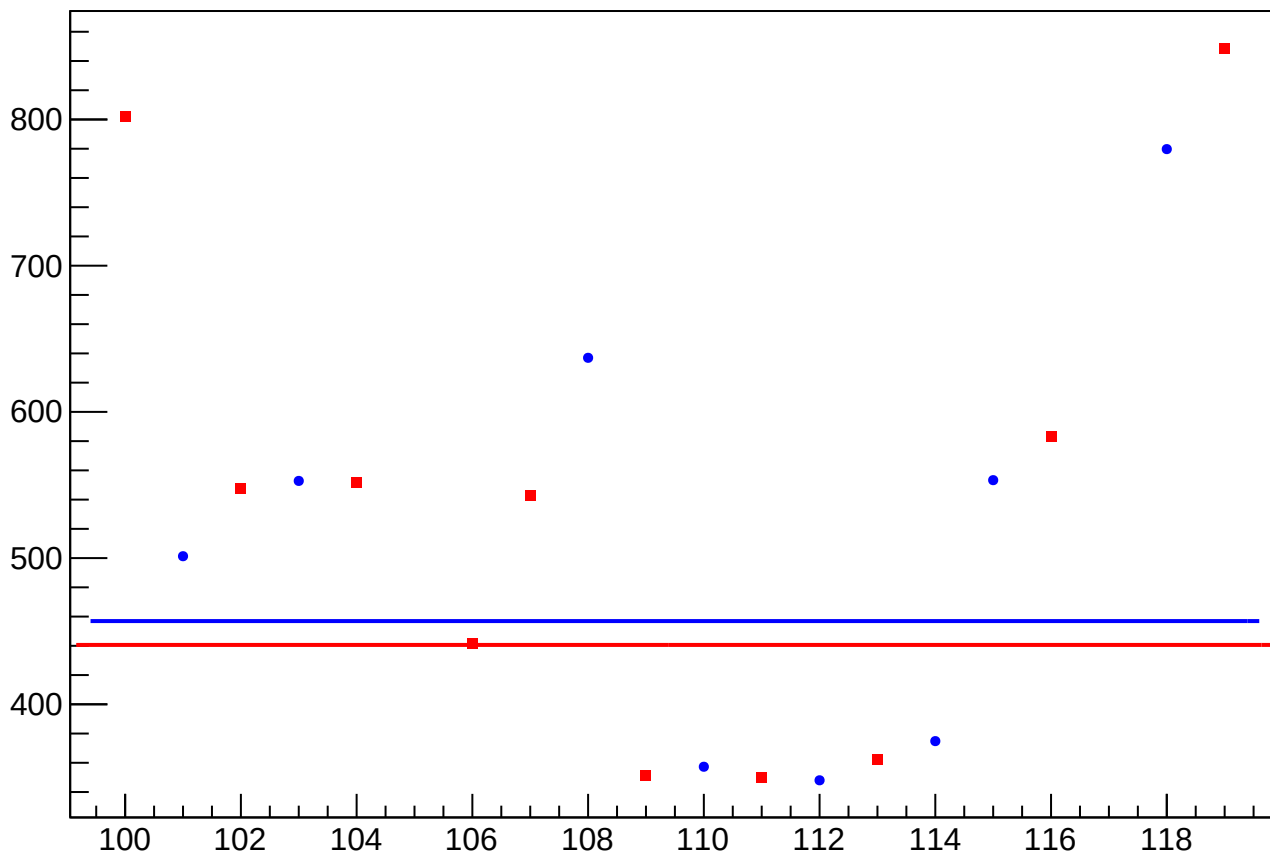
Right: -354.954+/-171.755 χ^2/NDF : 17.6/17

In: -136.957+/-260.392 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.954+/-171.755 χ^2/NDF : 17.6/17

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 456.925+/-0.184 χ^2/NDF : 468099.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.611+/-0.162 χ^2/NDF : 614468.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

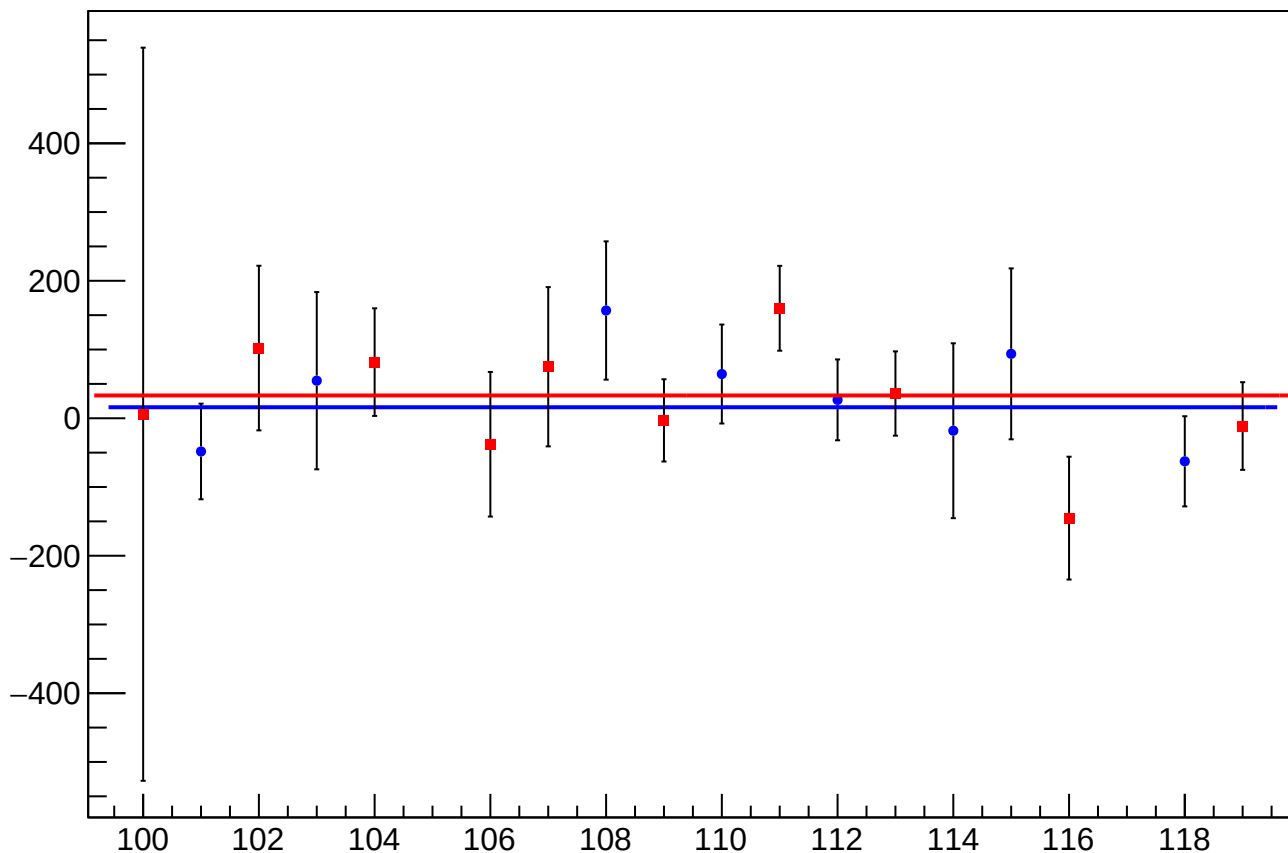
Right: 447.709+/-0.121 χ^2/NDF : 1087002.8/17

In: 456.925+/-0.184 χ^2/NDF : 468099.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.709+/-0.121 χ^2/NDF : 1087002.8/17

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 16.033+/-28.789 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.155+/-25.156 χ^2/NDF : 10.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

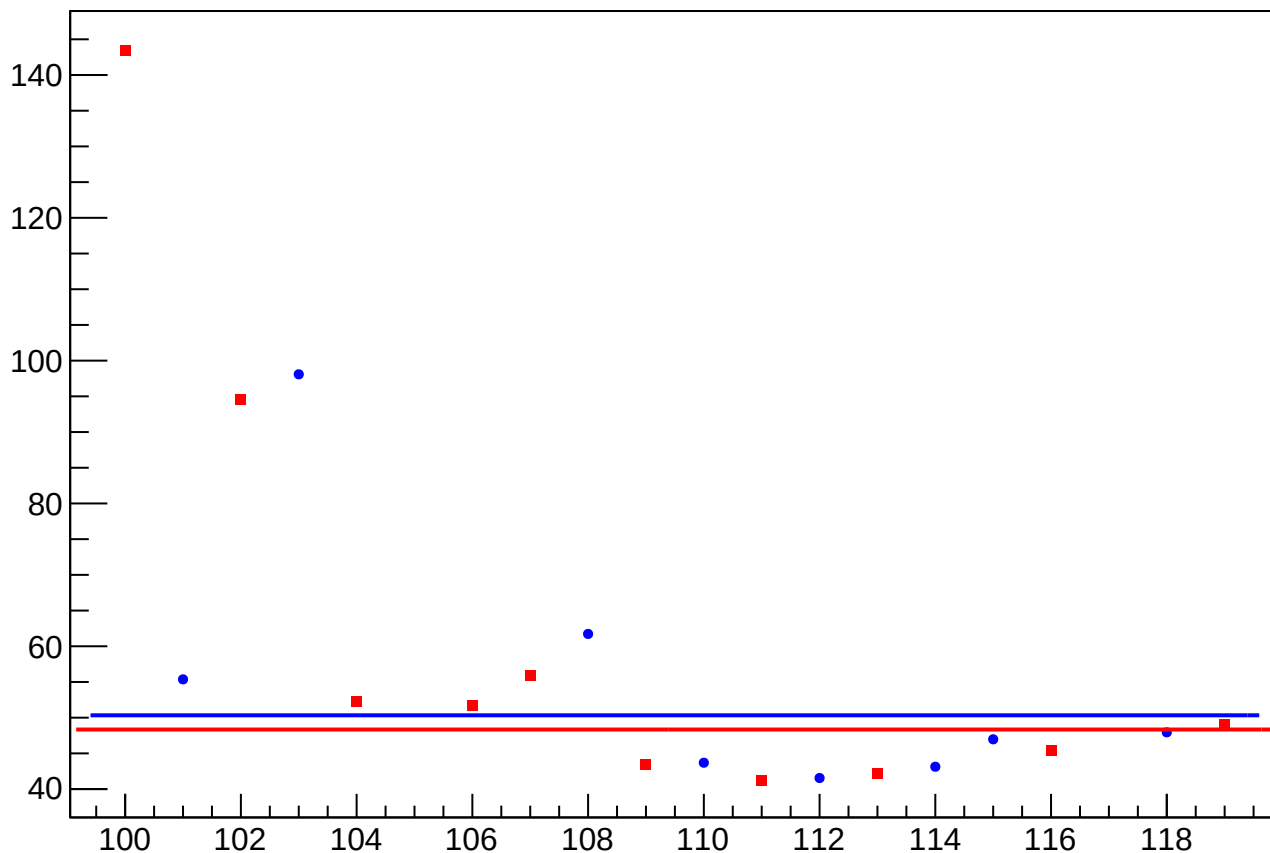
Right: 25.742+/-18.943 χ^2/NDF : 15.9/17

In: 16.033+/-28.789 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.742+/-18.943 χ^2/NDF : 15.9/17

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 50.333+/-0.020 χ^2/NDF : 382430.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.342+/-0.018 χ^2/NDF : 439779.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

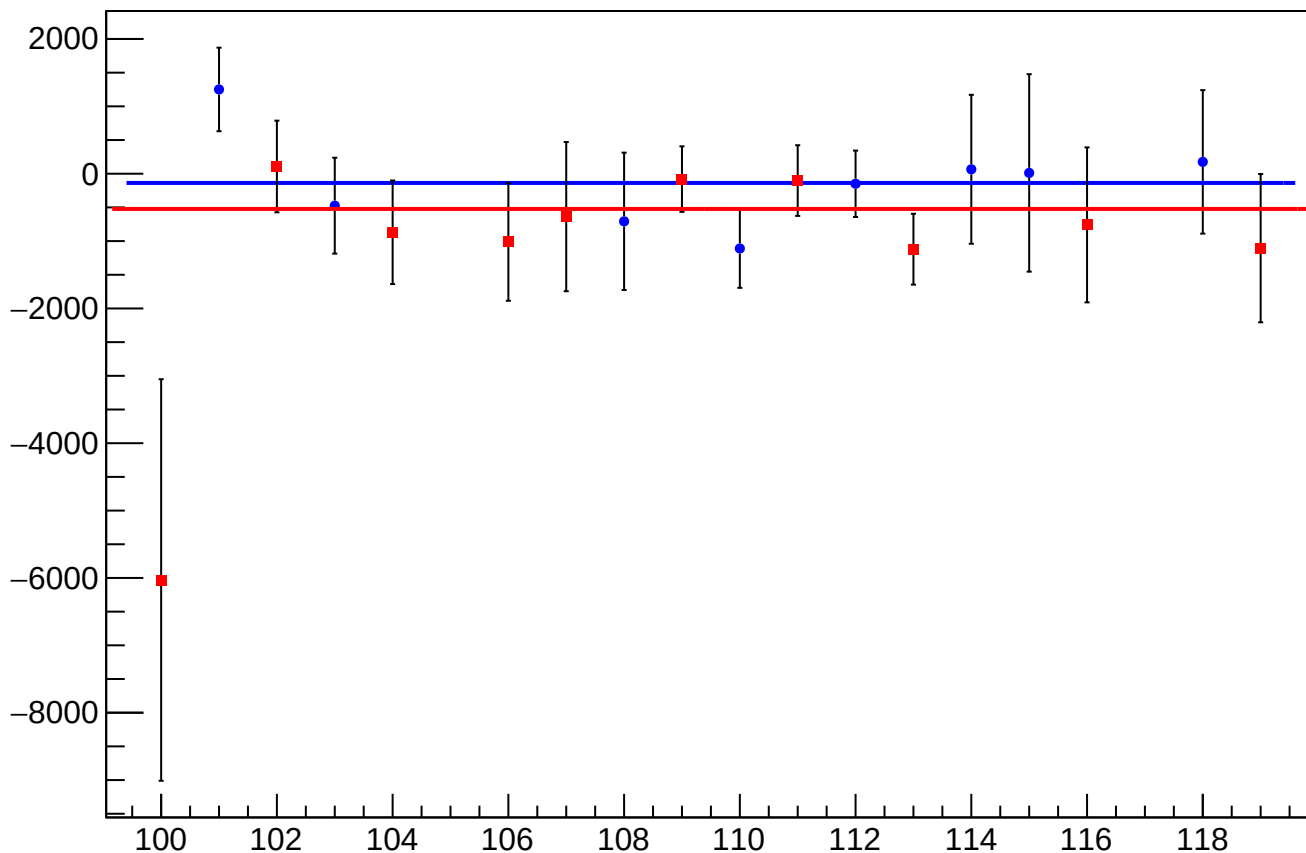
Right: 49.204+/-0.013 χ^2/NDF : 827632.0/17

In: 50.333+/-0.020 χ^2/NDF : 382430.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.204+/-0.013 χ^2/NDF : 827632.0/17

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -136.957+/-260.392 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -522.845+/-228.516 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

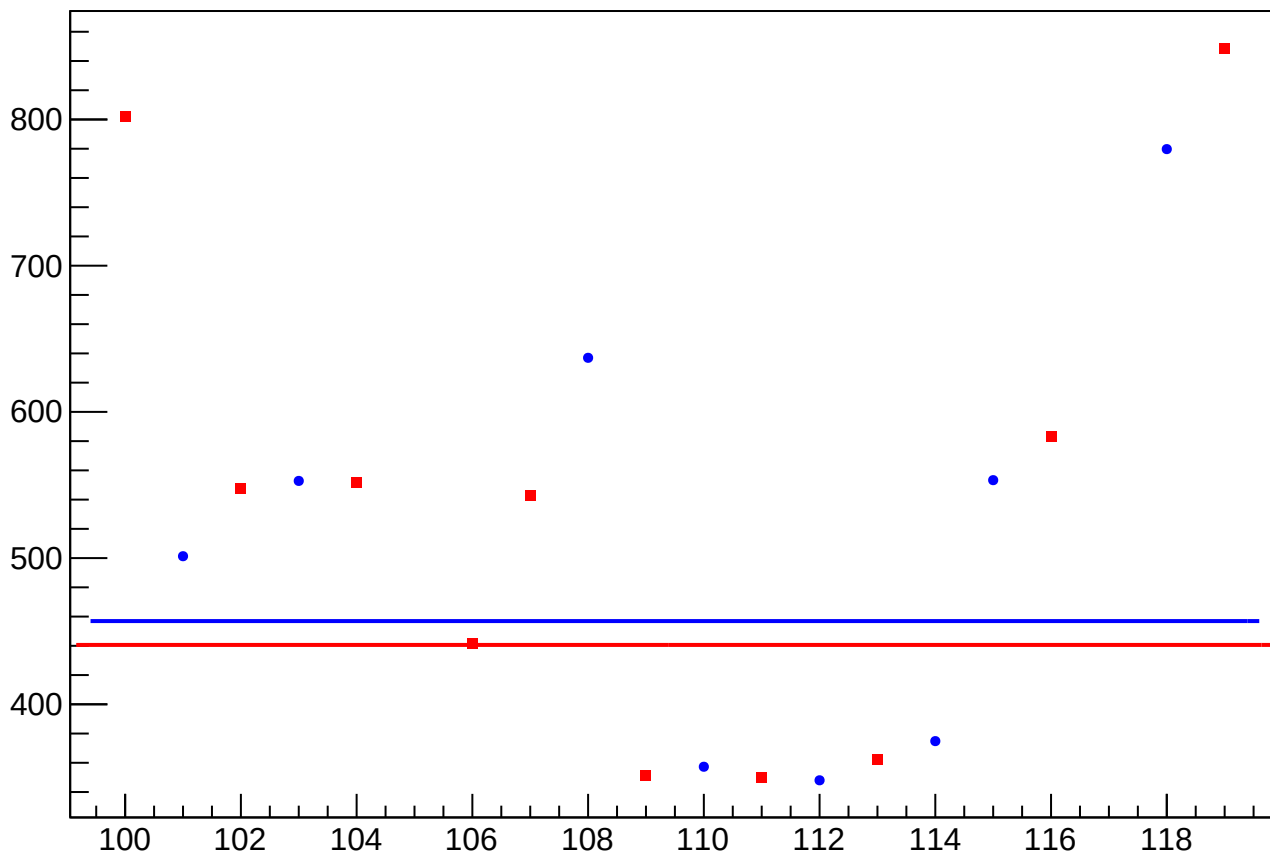
Right: -354.954+/-171.755 χ^2/NDF : 17.6/17

In: -136.957+/-260.392 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -354.954+/-171.755 χ^2/NDF : 17.6/17

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 456.925+/-0.184 χ^2/NDF : 468099.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 440.611+/-0.162 χ^2/NDF : 614468.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

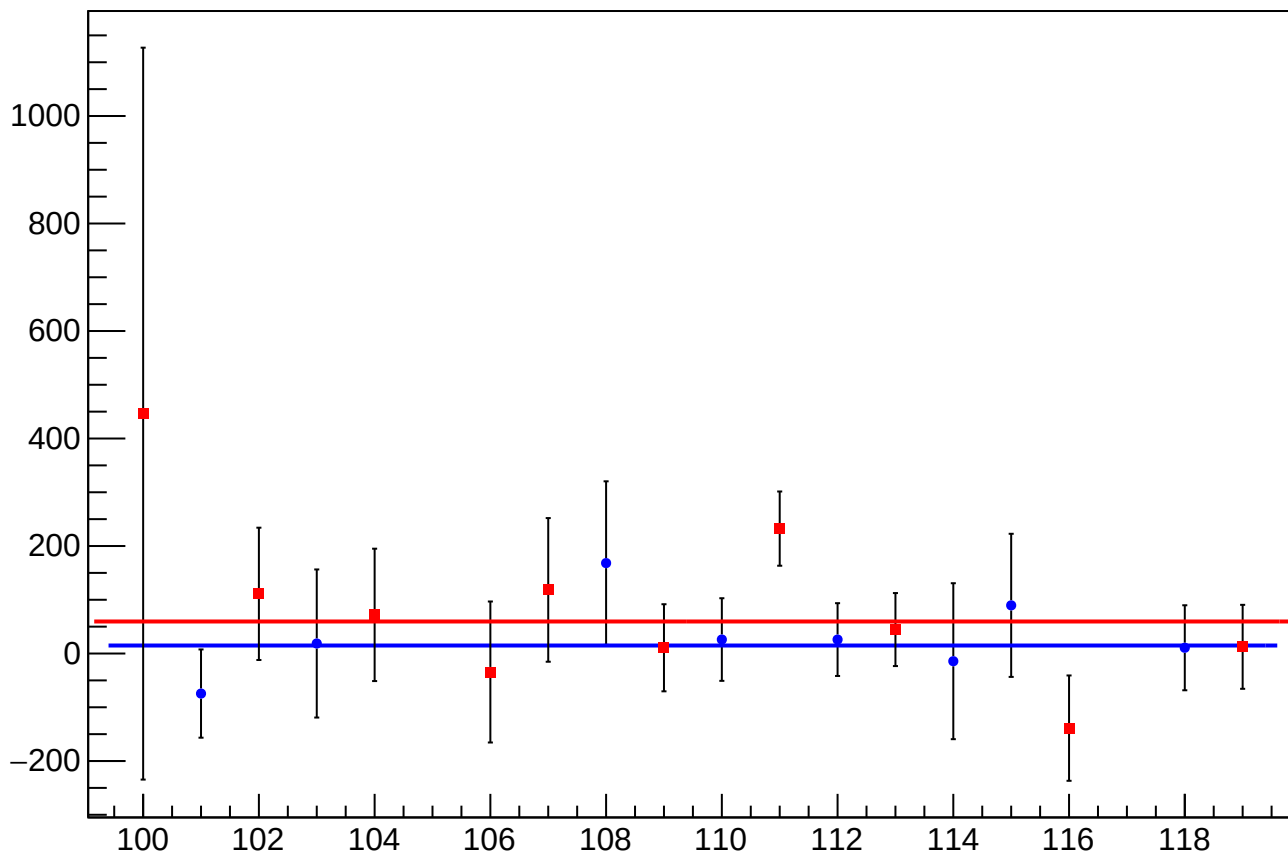
Right: 447.709+/-0.121 χ^2/NDF : 1087002.8/17

In: 456.925+/-0.184 χ^2/NDF :468099.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 447.709+/-0.121 χ^2/NDF : 1087002.8/17

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.900+/-33.416 χ^2/NDF : 2.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.602+/-30.217 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

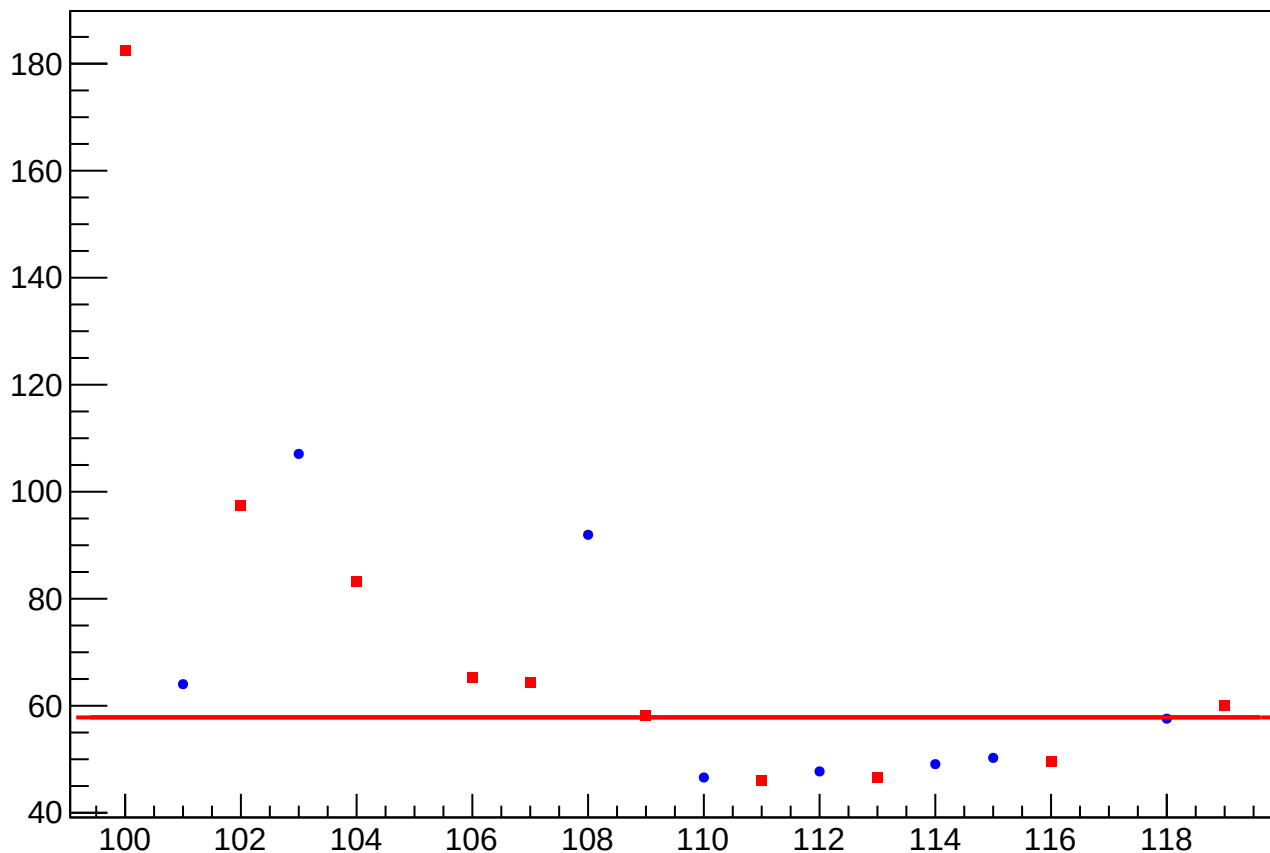
Right: 39.493+/-22.412 χ^2/NDF : 15.9/17

In: 14.900+/-33.416 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.493+/-22.412 χ^2/NDF : 15.9/17

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.836+/-0.024 χ^2/NDF : 468560.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.823+/-0.021 χ^2/NDF : 497977.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

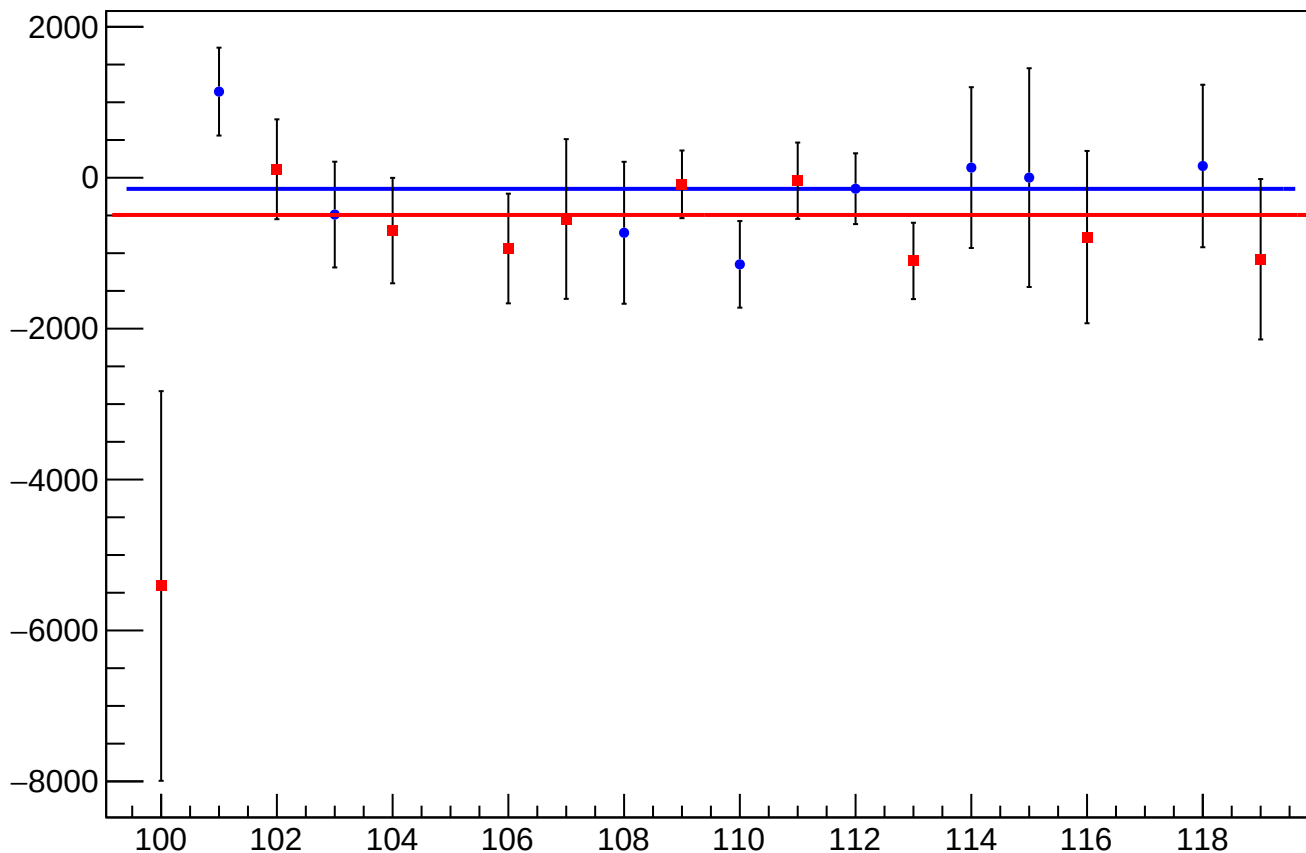
Right: 57.828+/-0.016 χ^2/NDF : 966538.1/17

In: 57.836+/-0.024 χ^2/NDF : 468560.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.828+/-0.016 χ^2/NDF : 966538.1/17

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -147.351+/-250.673 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.251+/-214.616 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

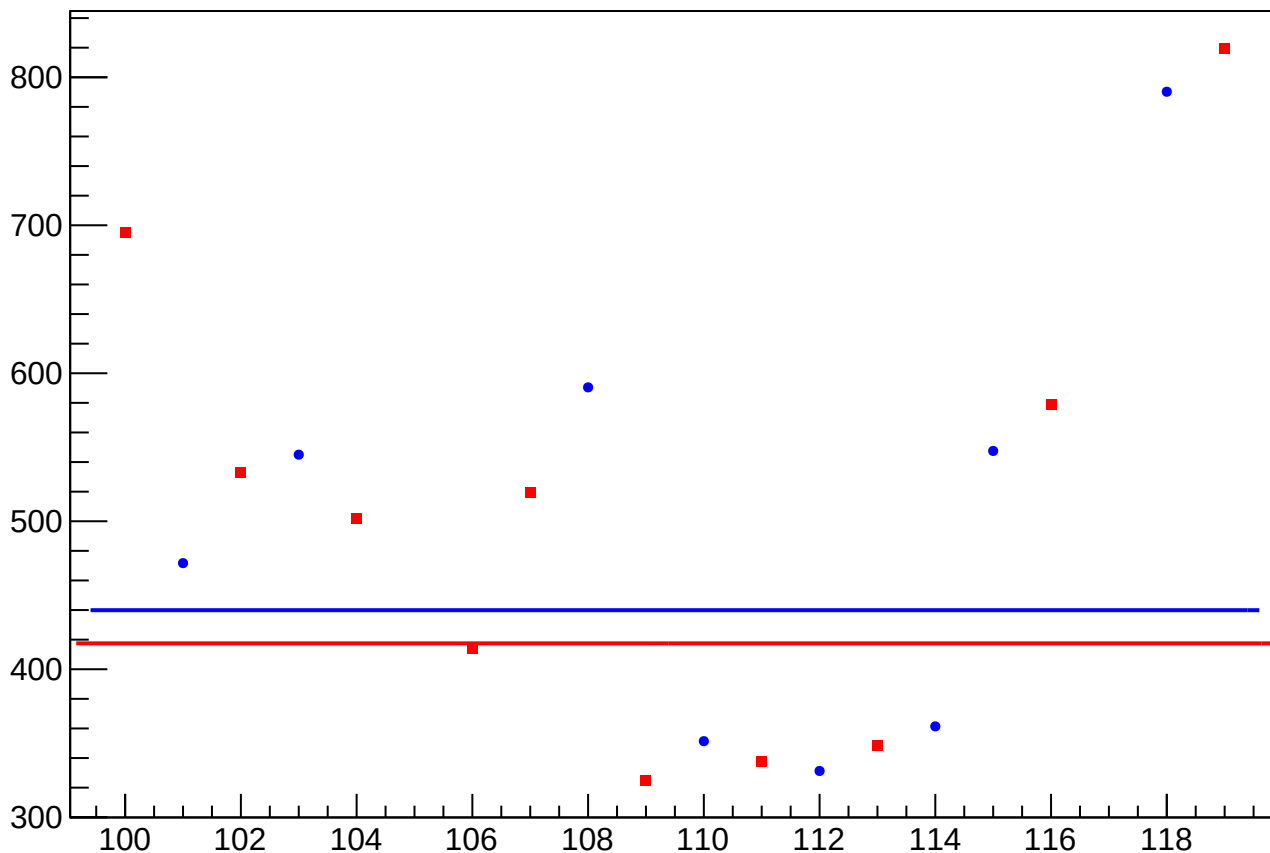
Right: -346.946+/-163.028 χ^2/NDF : 18.2/17

In: -147.351+/-250.673 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.946+/-163.028 χ^2/NDF : 18.2/17

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 439.898+/-0.177 χ^2/NDF : 490550.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.494+/-0.152 χ^2/NDF : 629638.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

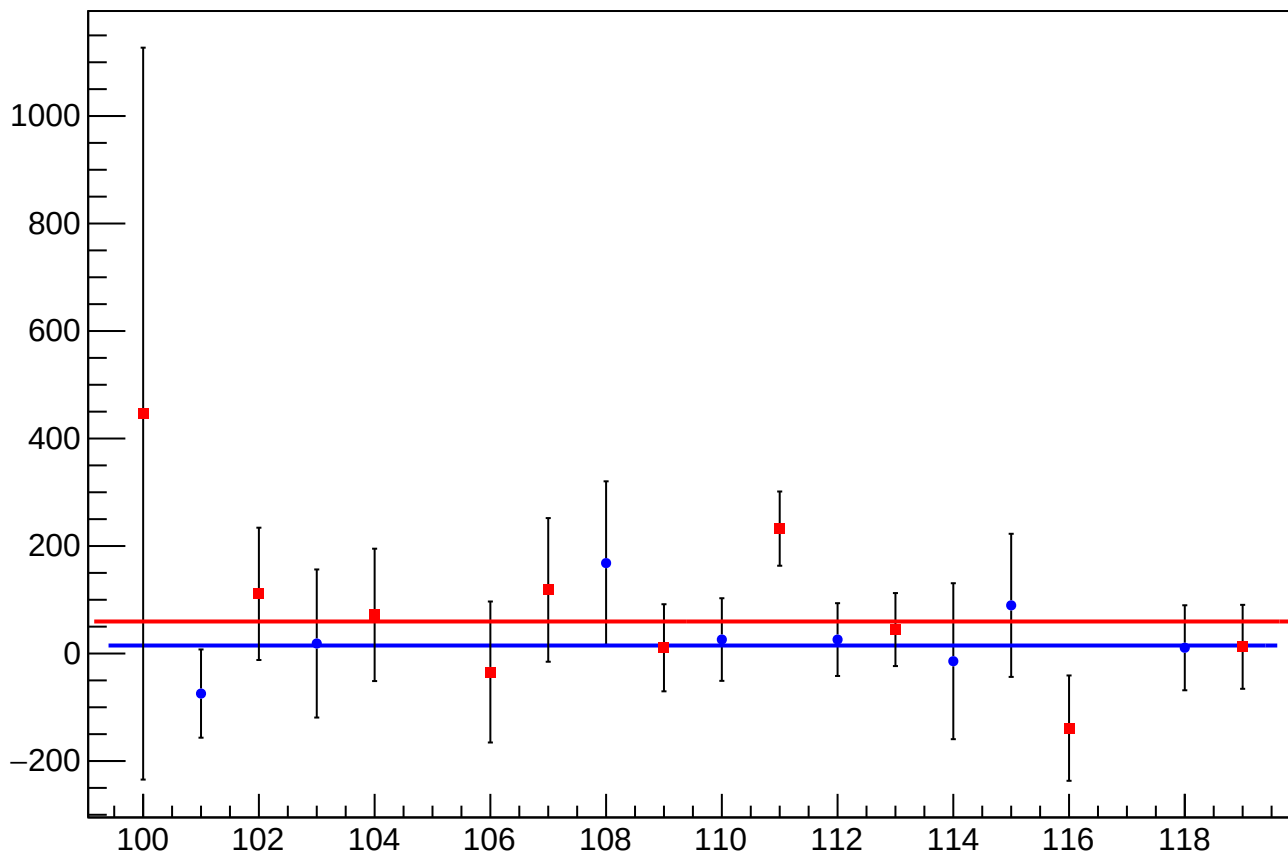
Right: 426.970+/-0.115 χ^2/NDF : 1129407.3/17

In: 439.898+/-0.177 χ^2/NDF : 490550.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.970+/-0.115 χ^2/NDF : 1129407.3/17

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 14.901+/-33.416 χ^2/NDF : 2.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.603+/-30.217 χ^2/NDF : 12.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

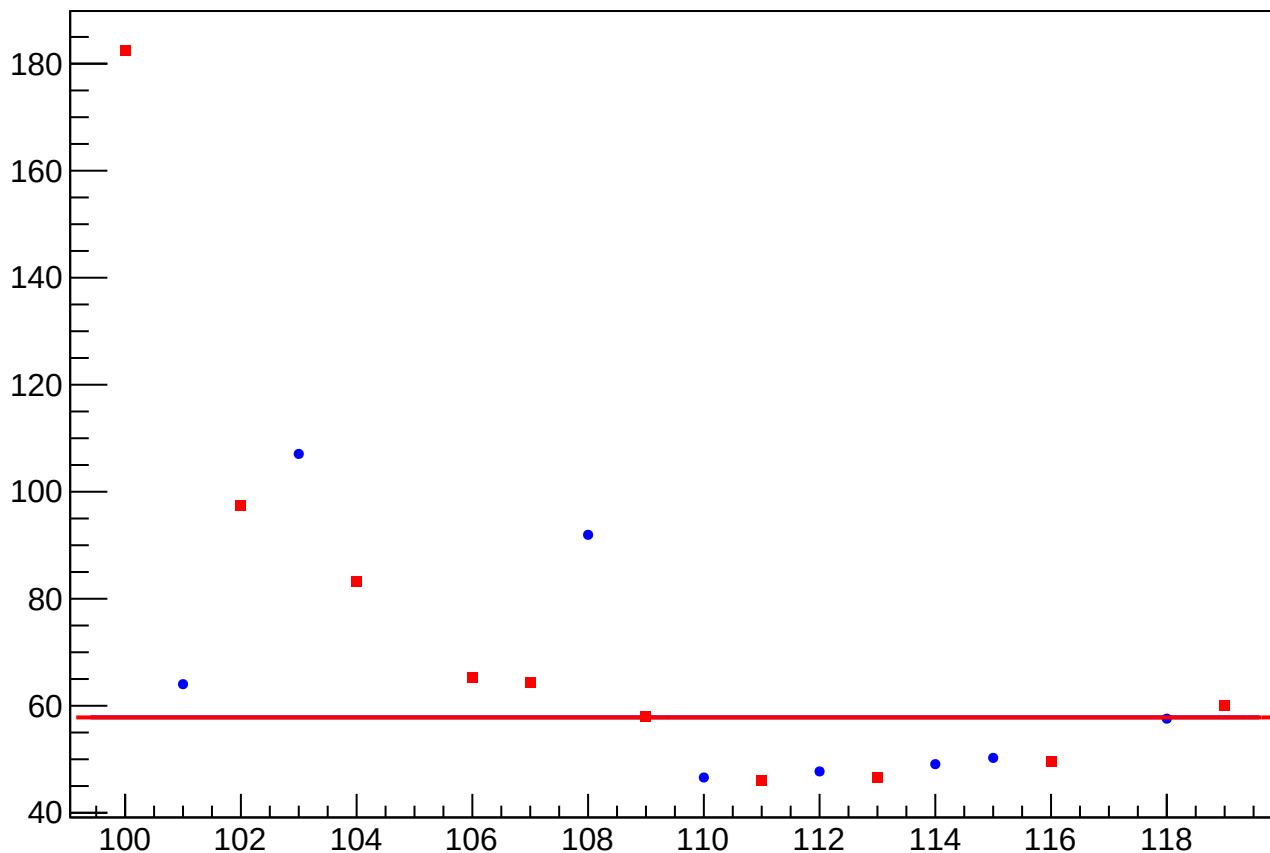
Right: 39.493+/-22.412 χ^2/NDF : 15.9/17

In: 14.901+/-33.416 χ^2/NDF : 2.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.493+/-22.412 χ^2/NDF : 15.9/17

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 57.836+/-0.024 χ^2/NDF : 468557.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.823+/-0.021 χ^2/NDF : 497974.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

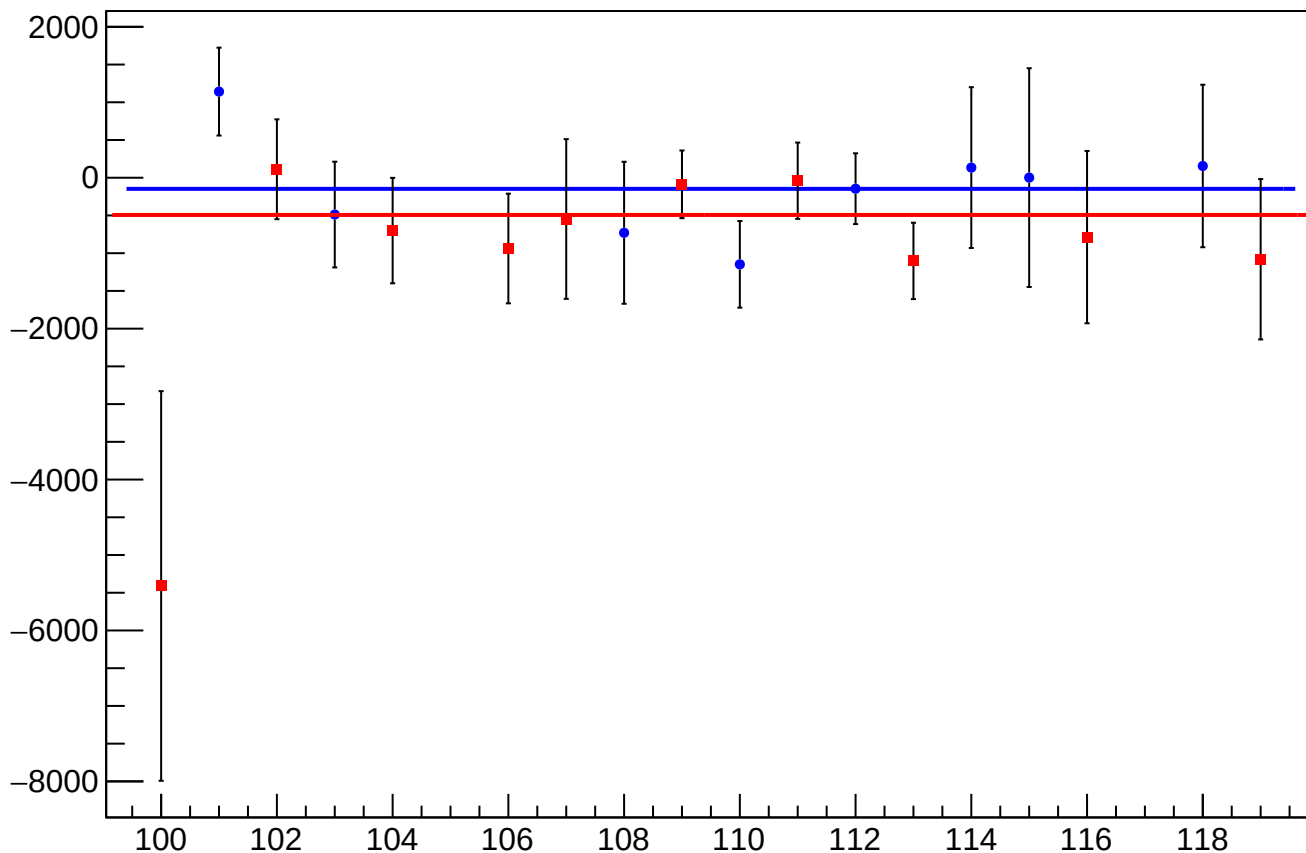
Right: 57.829+/-0.016 χ^2/NDF : 966531.5/17

In: 57.836+/-0.024 χ^2/NDF : 468557.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.829+/-0.016 χ^2/NDF : 966531.5/17

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -147.350+/-250.672 χ^2/NDF : 8.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -493.250+/-214.616 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

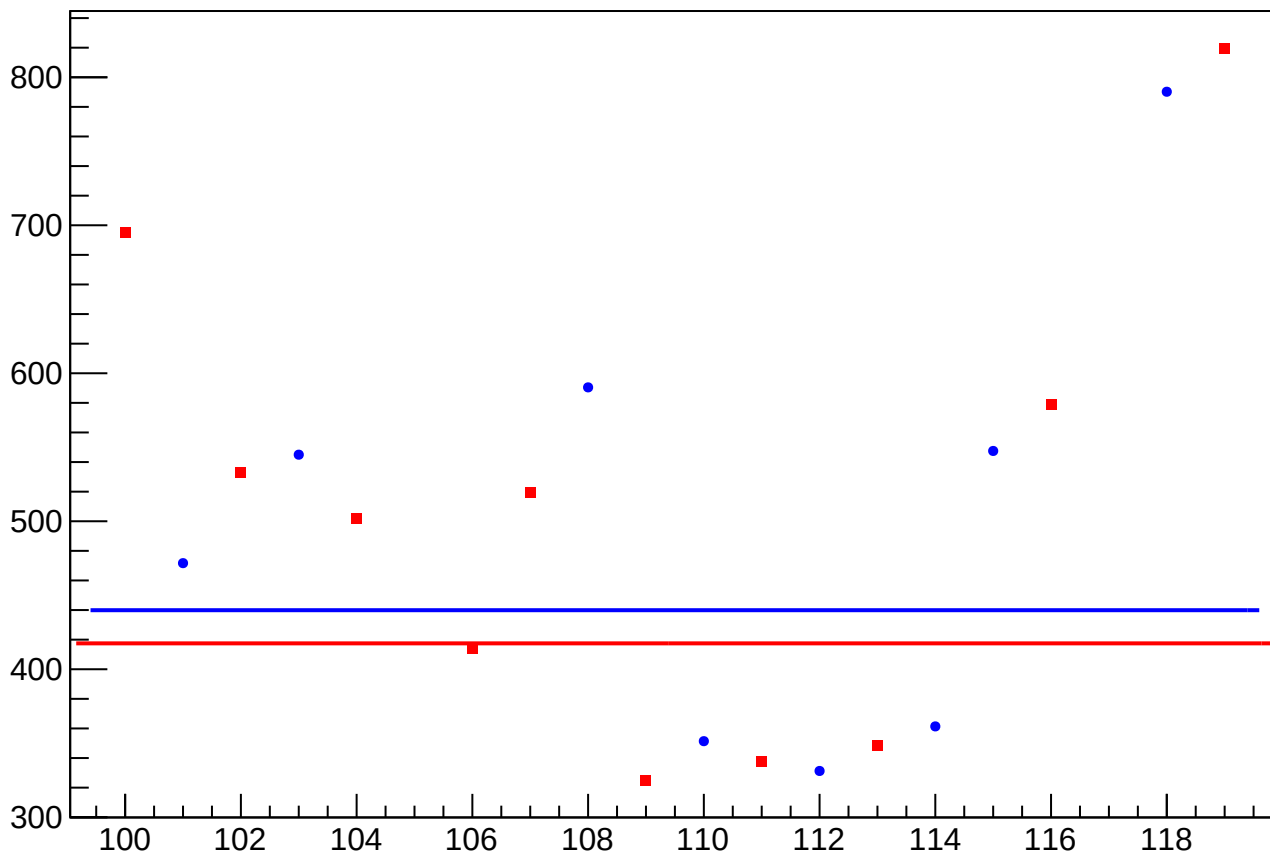
Right: -346.945+/-163.028 χ^2/NDF : 18.2/17

In: -147.350+/-250.672 χ^2/NDF : 8.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -346.945+/-163.028 χ^2/NDF : 18.2/17

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 439.897+/-0.177 χ^2/NDF : 490551.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 417.493+/-0.152 χ^2/NDF : 629638.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

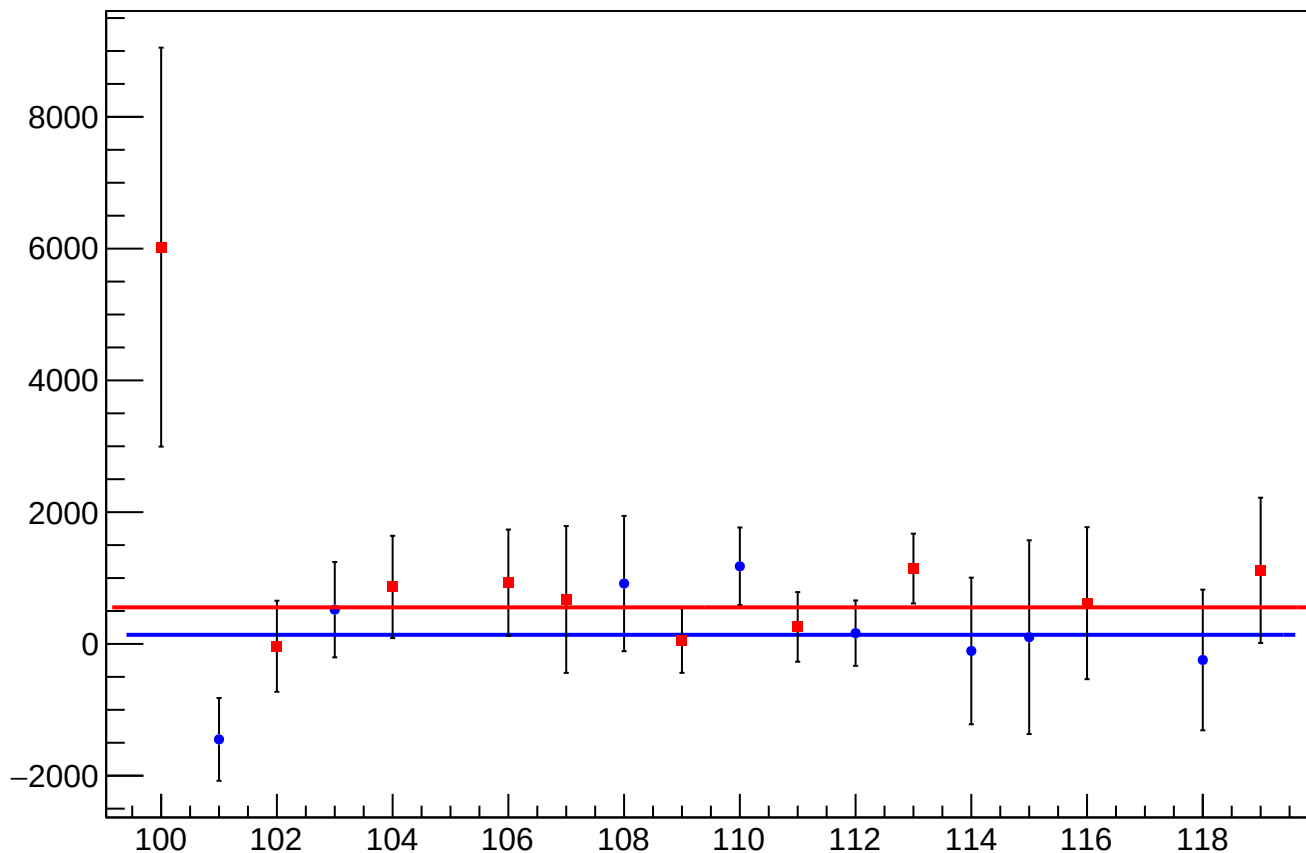
Right: 426.969+/-0.115 χ^2/NDF : 1129408.0/17

In: 439.897+/-0.177 χ^2/NDF : 490551.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.969+/-0.115 χ^2/NDF : 1129408.0/17

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 138.415+/-262.804 χ^2/NDF : 10.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.394+/-228.953 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

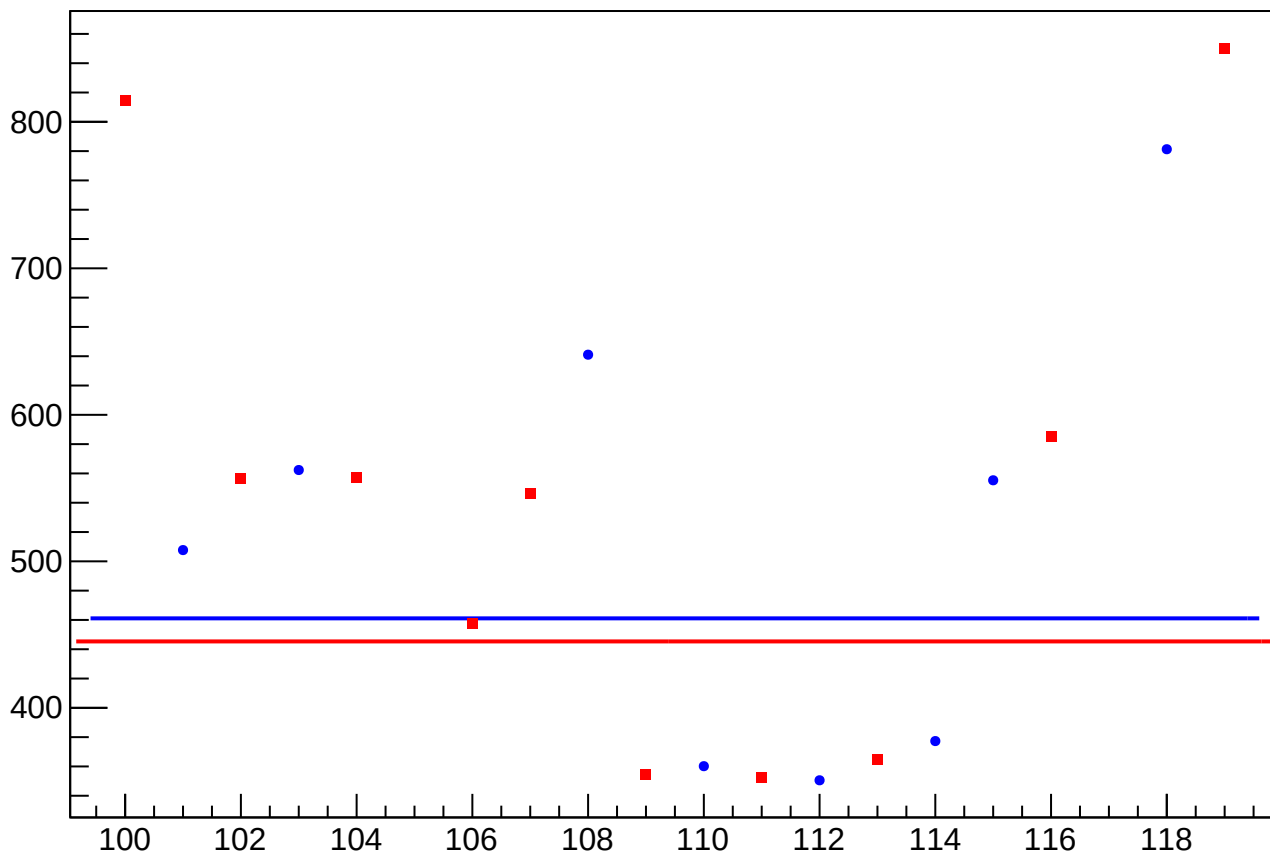
Right: 375.472+/-172.630 χ^2/NDF : 19.2/17

In: 138.415+/-262.804 χ^2/NDF : 10.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.472+/-172.630 χ^2/NDF : 19.2/17

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 461.078+/-0.186 χ^2/NDF : 469058.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.337+/-0.162 χ^2/NDF : 614600.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

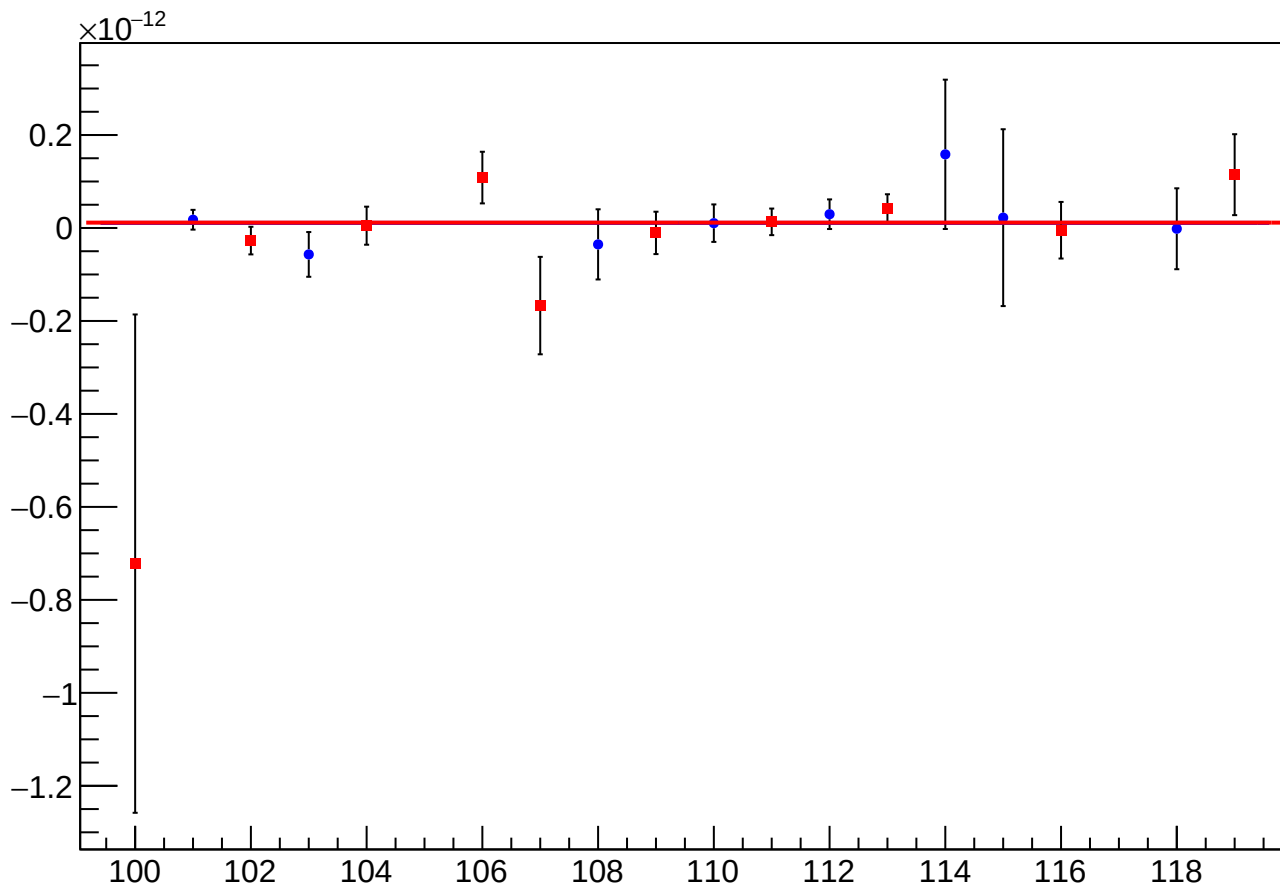
Right: 452.129+/-0.122 χ^2/NDF : 1087738.6/17

In: 461.078+/-0.186 χ^2/NDF : 469058.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.129+/-0.122 χ^2/NDF : 1087738.6/17

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

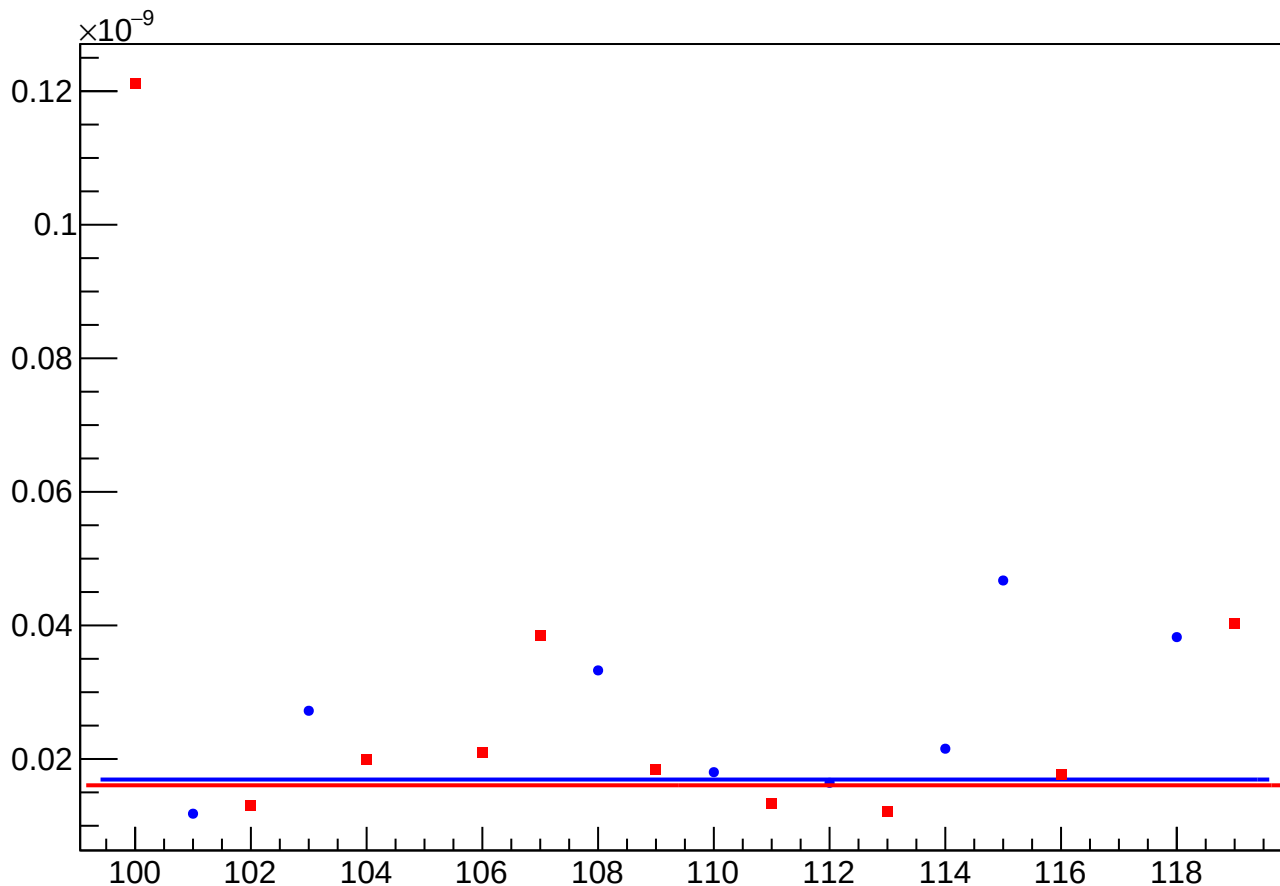
Right: 0.000+/-0.000 χ^2/NDF : 16.0/17

In: 0.000+/-0.000 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.0/17

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 473982.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 433352.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

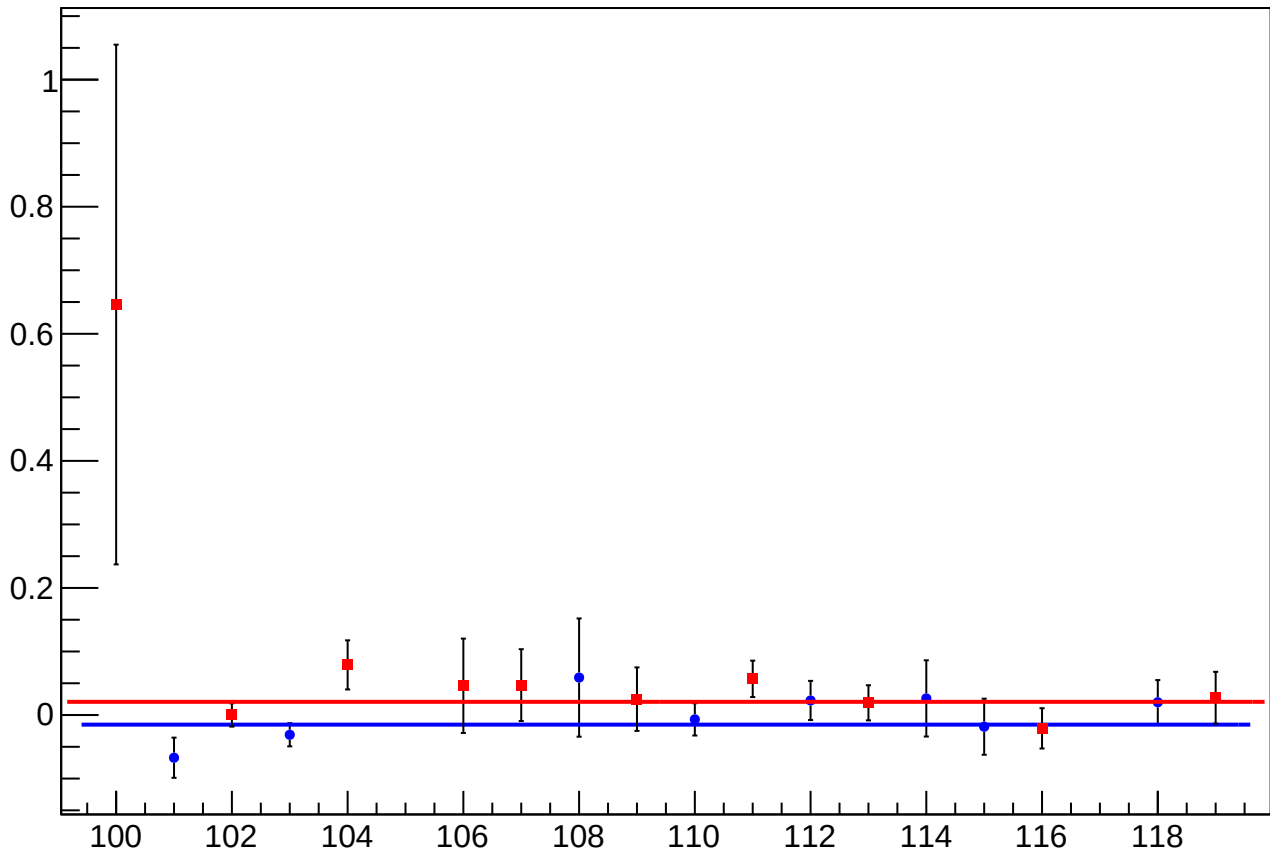
Right: 0.000+/-0.000 χ^2/NDF : 911036.2/17

In: 0.000+/-0.000 χ^2/NDF : 473982.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 911036.2/17

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.011 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.011 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

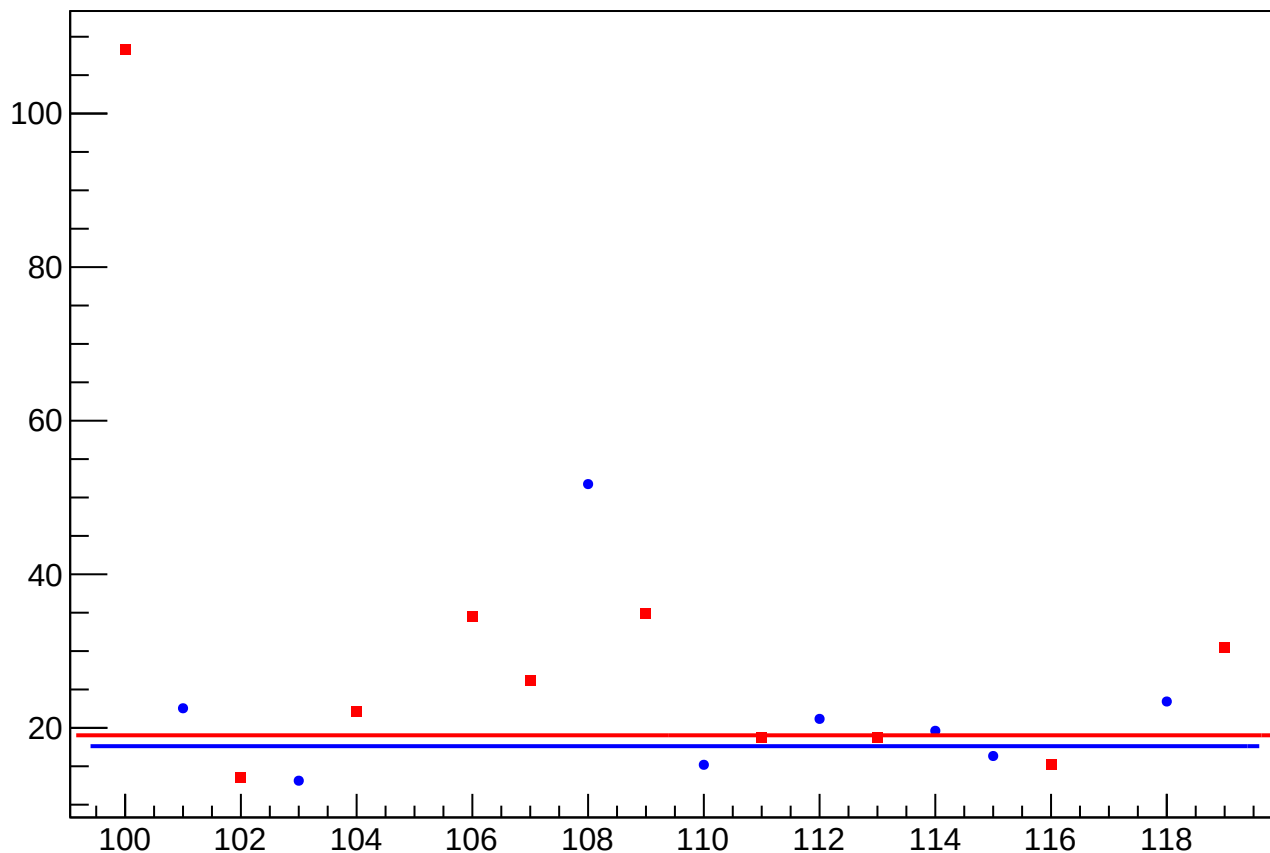
Right: 0.003+/-0.008 χ^2/NDF : 22.3/17

In: -0.015+/-0.011 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 22.3/17

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.618+/-0.008 χ^2/NDF : 544049.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.034+/-0.008 χ^2/NDF : 787993.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

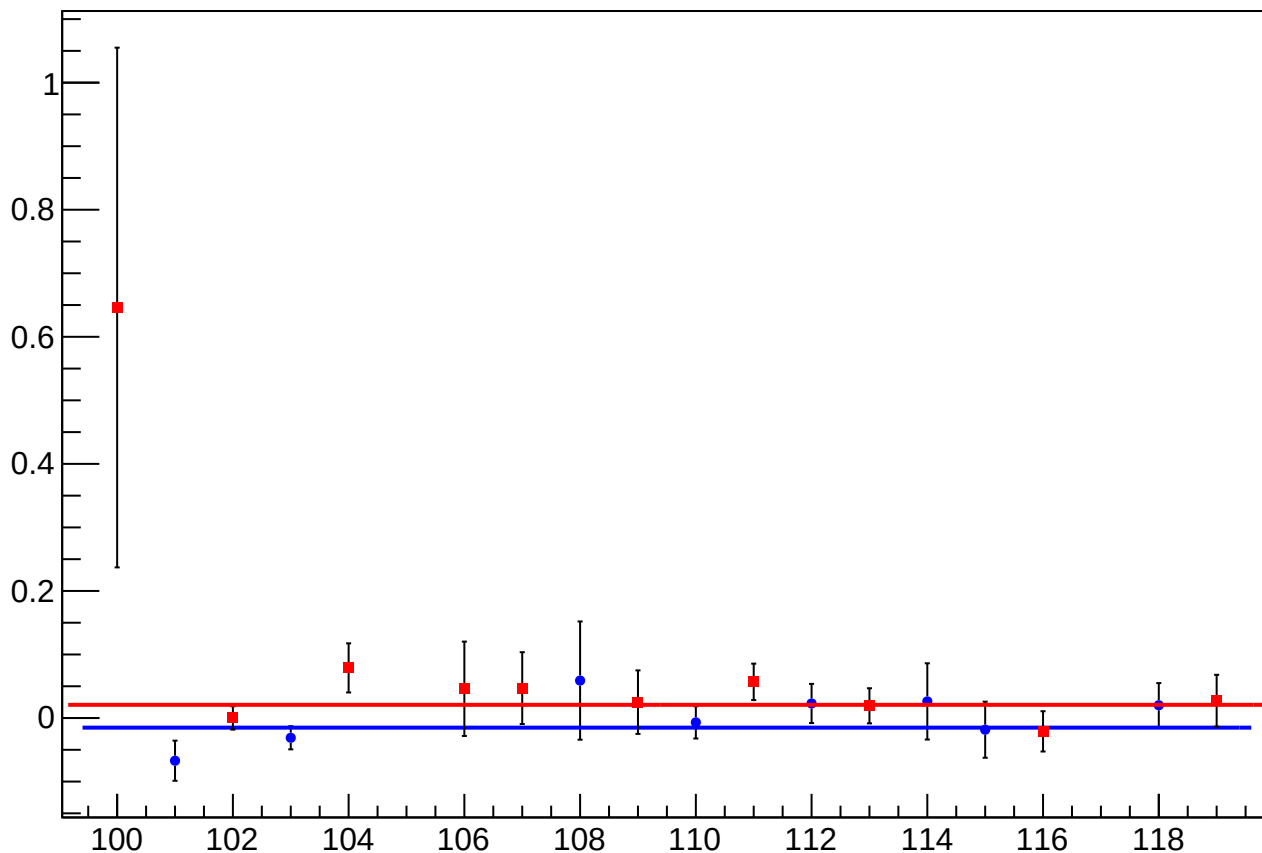
Right: 18.339+/-0.005 χ^2/NDF : 1349075.0/17

In: 17.618+/-0.008 χ^2/NDF : 544049.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.339+/-0.005 χ^2/NDF : 1349075.0/17

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.011 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.021+/-0.011 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

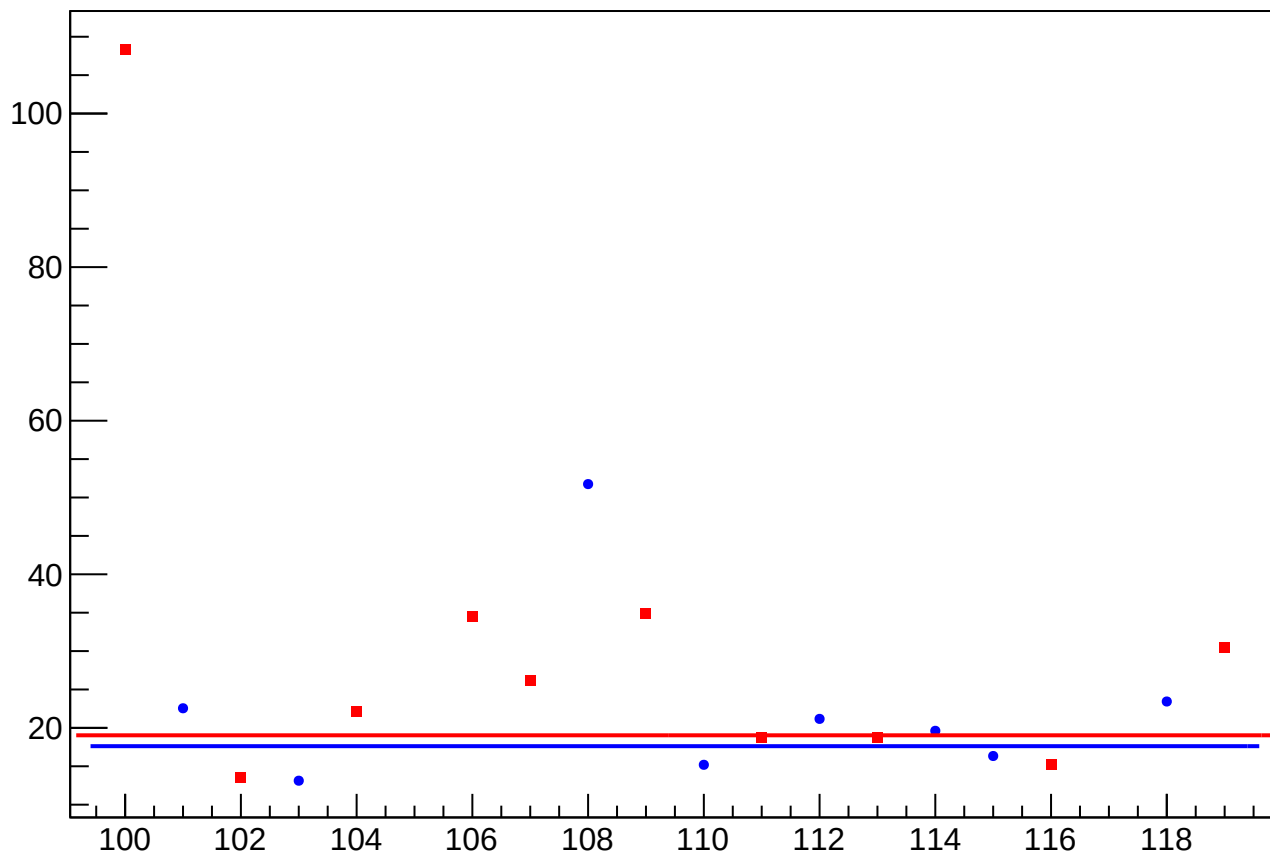
Right: 0.003+/-0.008 χ^2/NDF : 22.3/17

In: -0.015+/-0.011 χ^2/NDF :7.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.008 χ^2/NDF : 22.3/17

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.618+/-0.008 χ^2/NDF : 544049.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.034+/-0.008 χ^2/NDF : 787993.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

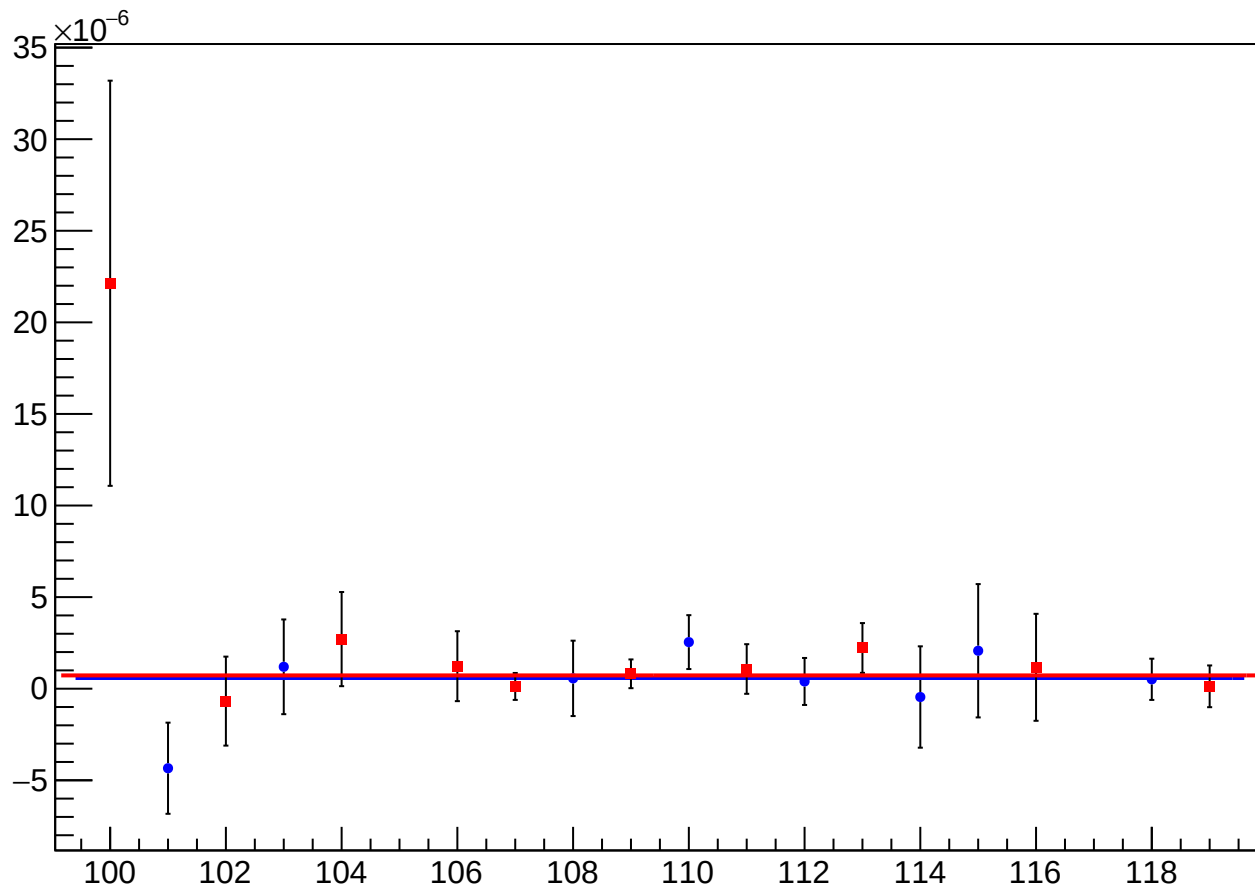
Right: 18.339+/-0.005 χ^2/NDF : 1349075.0/17

In: 17.618+/-0.008 χ^2/NDF : 544049.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.339+/-0.005 χ^2/NDF : 1349075.0/17

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

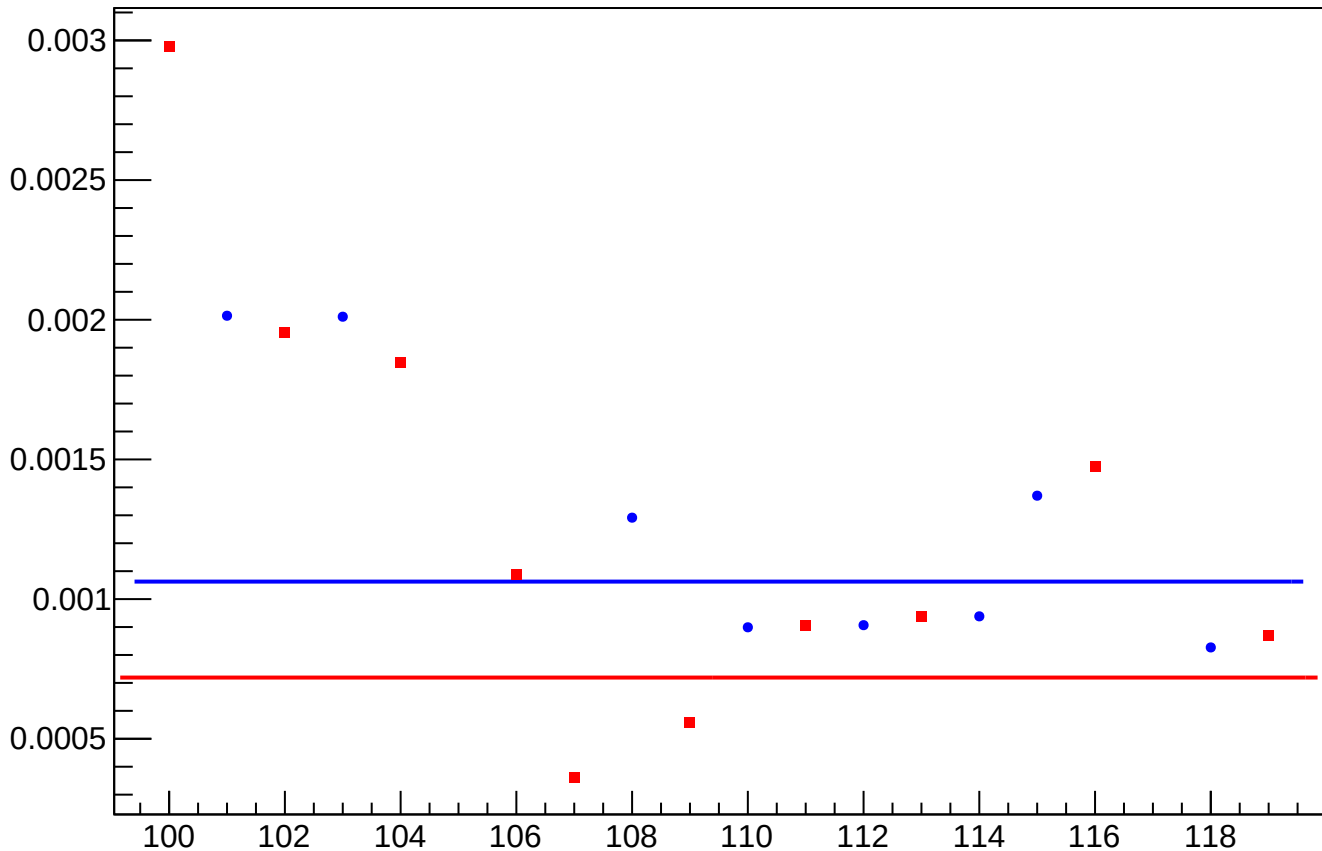
Right: 0.000+/-0.000 χ^2/NDF : 13.1/17

In: 0.000+/-0.000 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.1/17

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 746801.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1877111.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

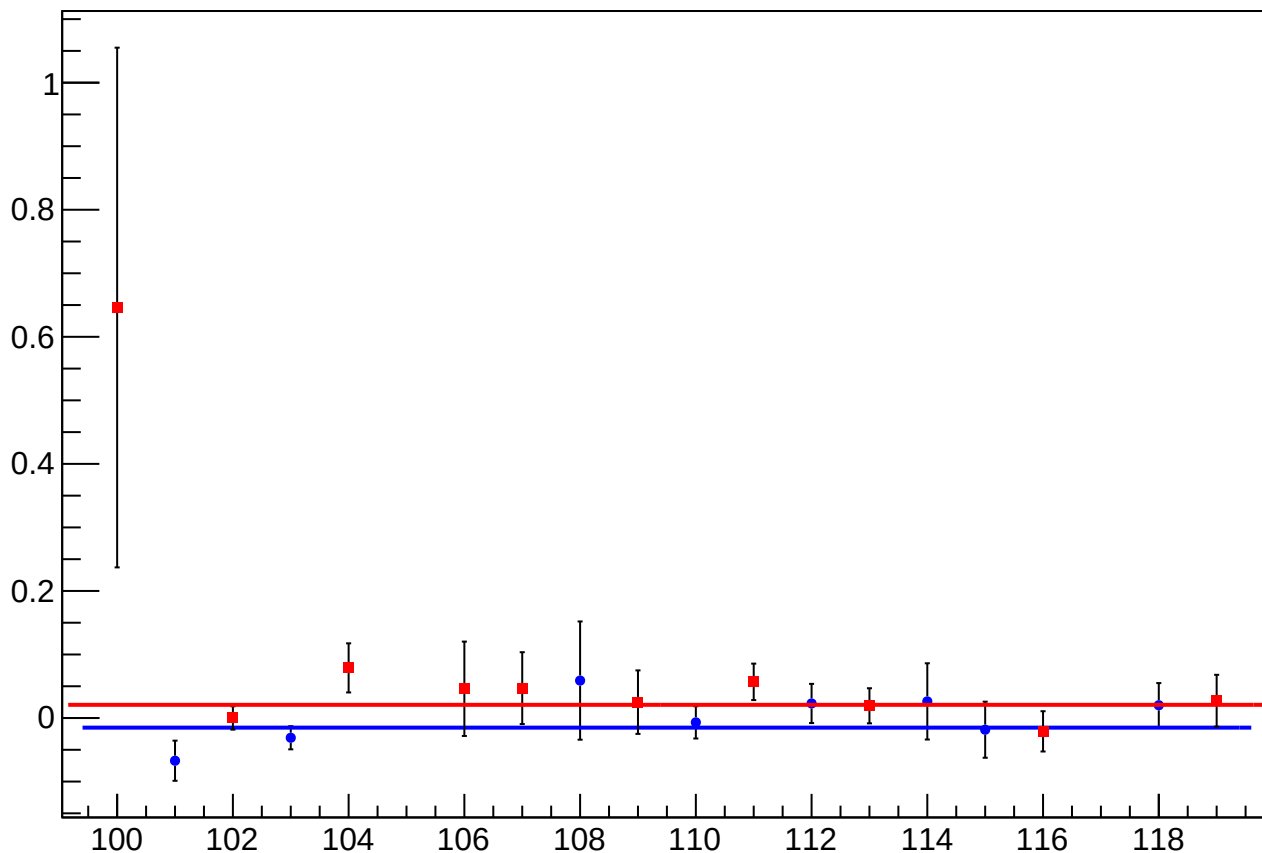
Right: 0.001+/-0.000 χ^2/NDF : 3054639.7/17

In: 0.001+/-0.000 χ^2/NDF : 746801.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3054639.7/17

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015 $\pm$ 0.011 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.011 χ^2 /NDF: 9.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

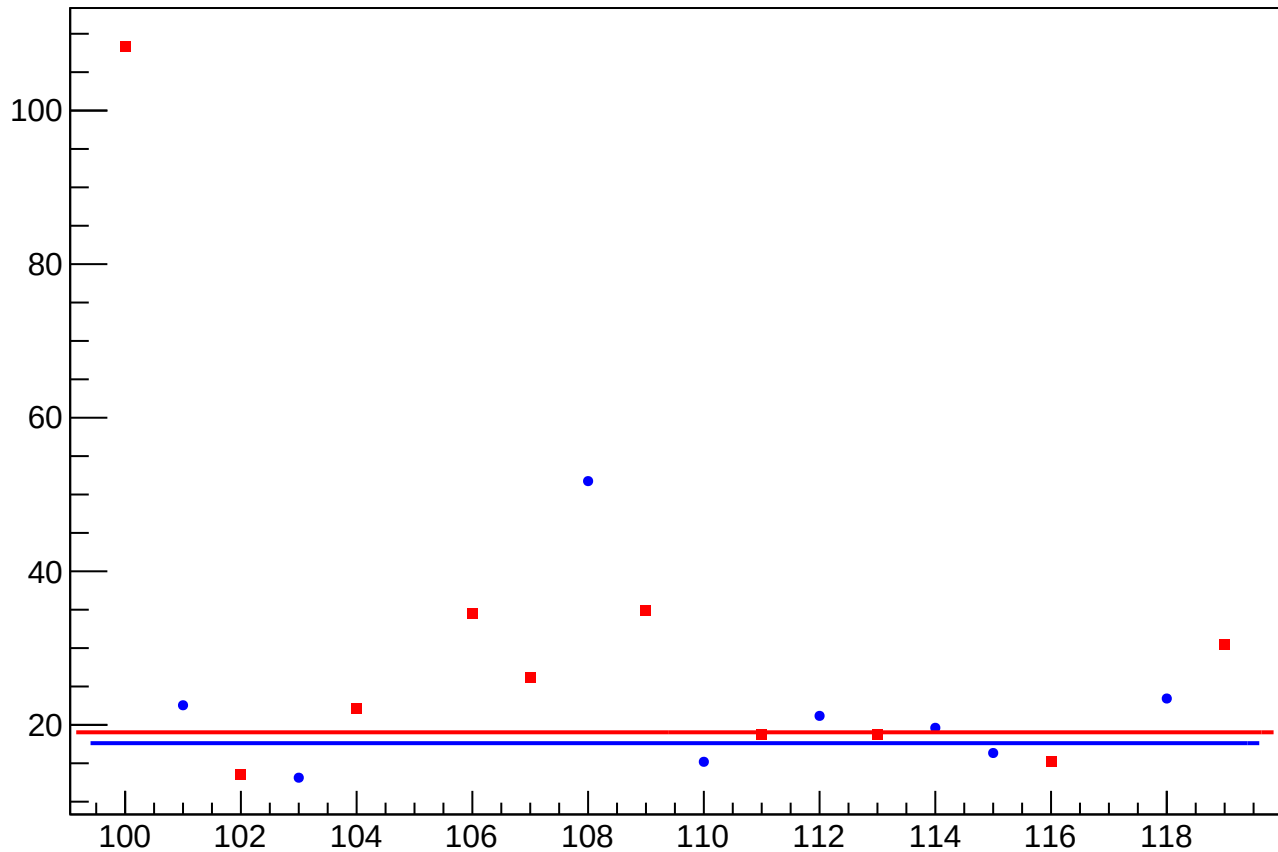
Right: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.3/17

In: -0.015 $\pm$ 0.011 χ^2 /NDF:7.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.3/17

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.619+/-0.008 χ^2/NDF : 544015.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.035+/-0.008 χ^2/NDF : 787863.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

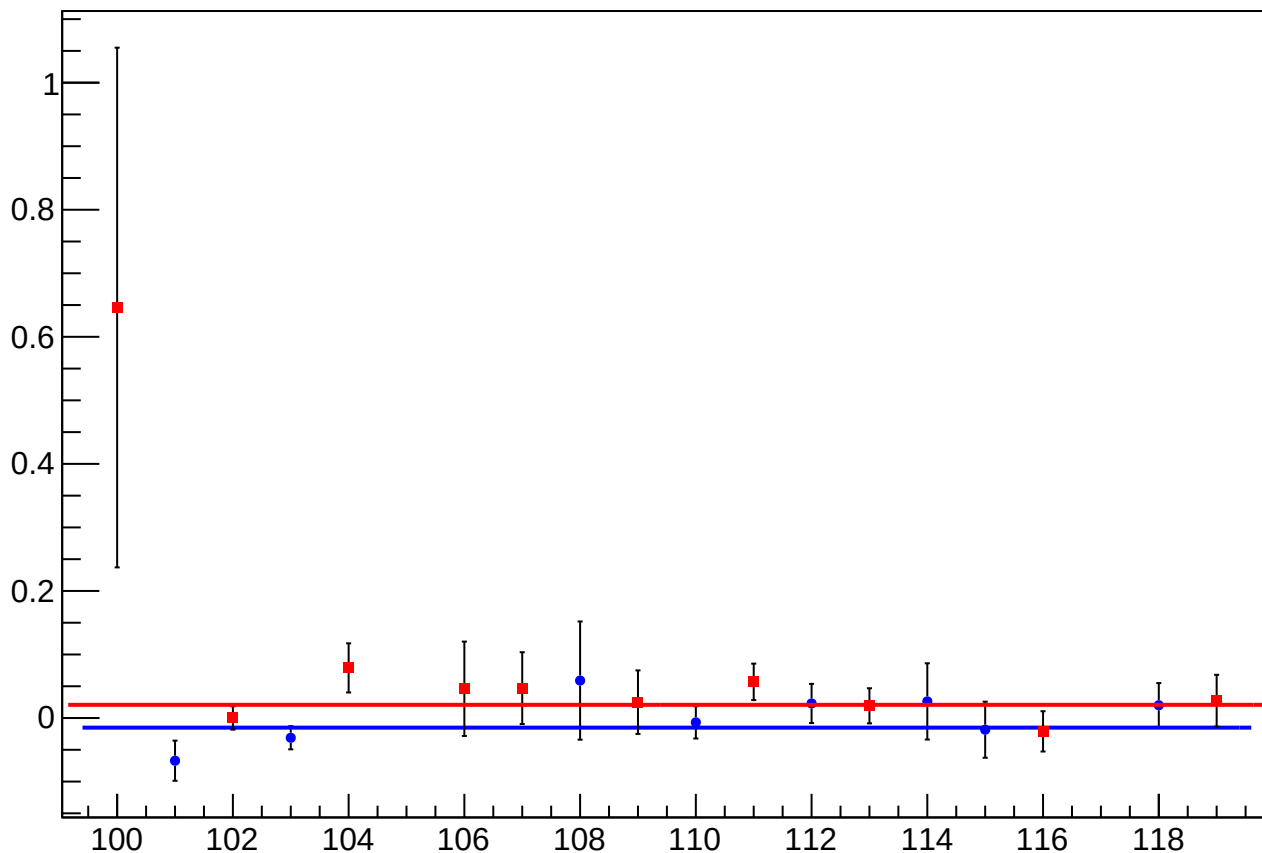
Right: 18.340+/-0.005 χ^2/NDF : 1348918.7/17

In: 17.619+/-0.008 χ^2/NDF : 544015.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.340+/-0.005 χ^2/NDF : 1348918.7/17

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.015+/-0.011 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.011 χ^2/NDF : 9.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

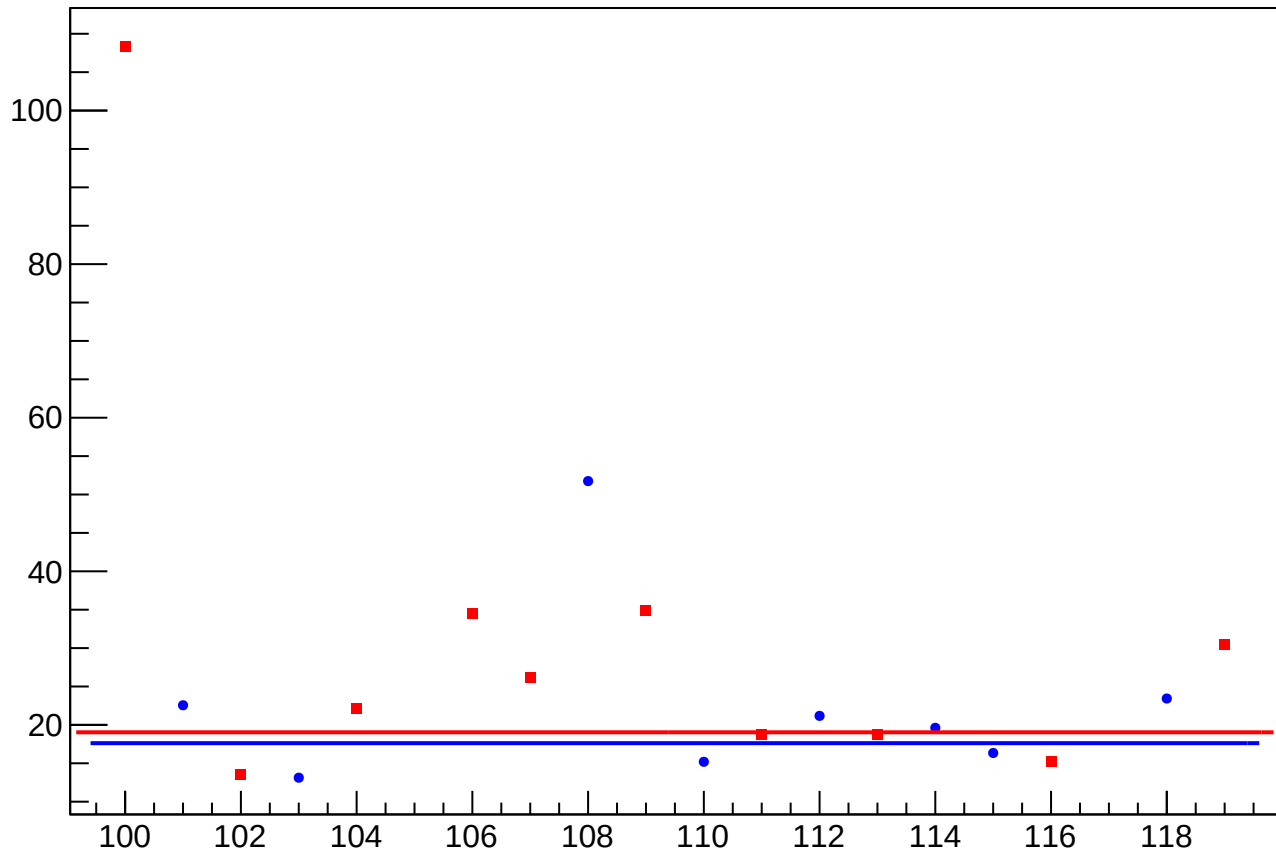
Right: 0.003+/-0.008 χ^2/NDF : 22.3/17

In: -0.015+/-0.011 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.008 χ^2/NDF : 22.3/17

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.619+/-0.008 χ^2/NDF : 544015.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.035+/-0.008 χ^2/NDF : 787863.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

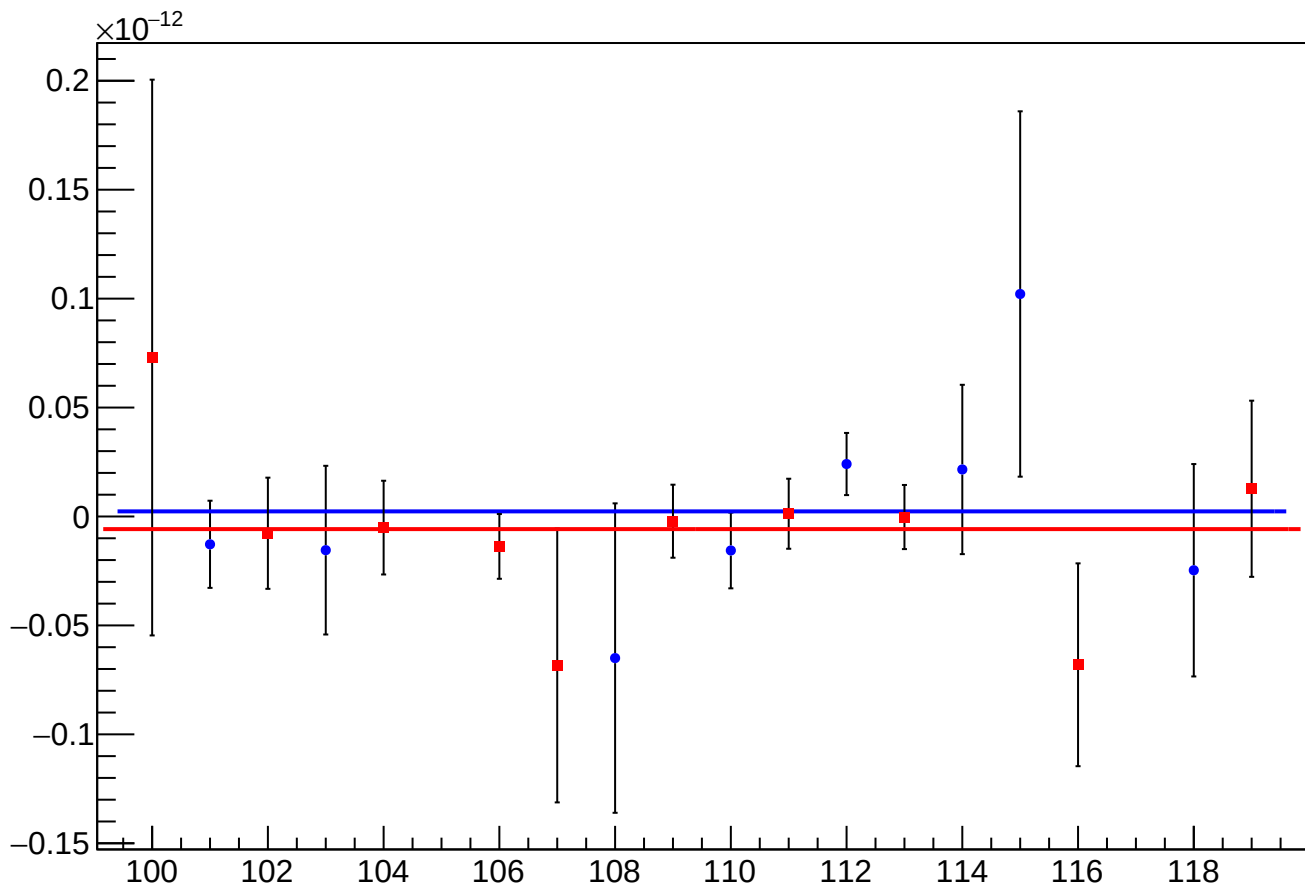
Right: 18.340+/-0.005 χ^2/NDF : 1348918.7/17

In: 17.619+/-0.008 χ^2/NDF : 544015.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.340+/-0.005 χ^2/NDF : 1348918.7/17

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

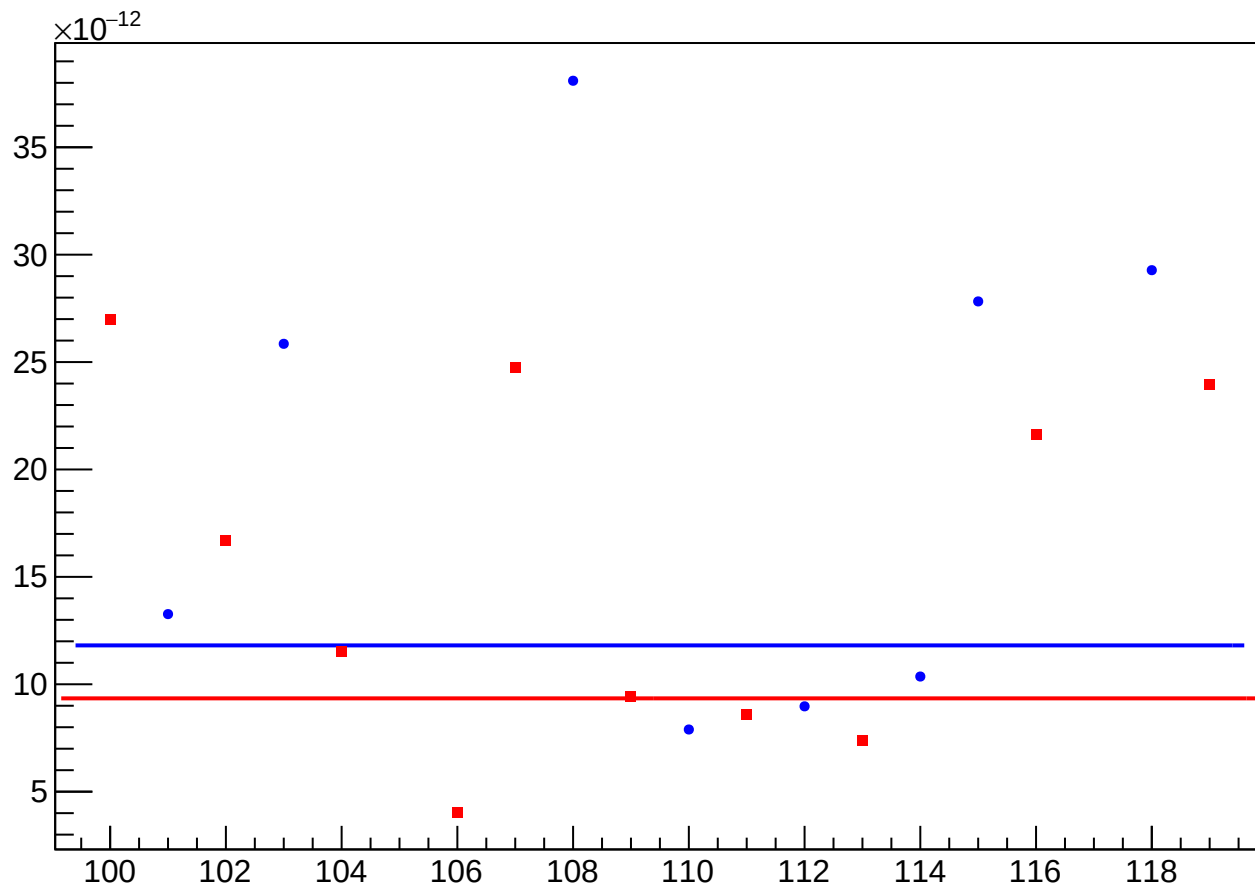
Right: -0.000+/-0.000 χ^2/NDF : 11.6/17

In: 0.000+/-0.000 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/17

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1060723.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1042012.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

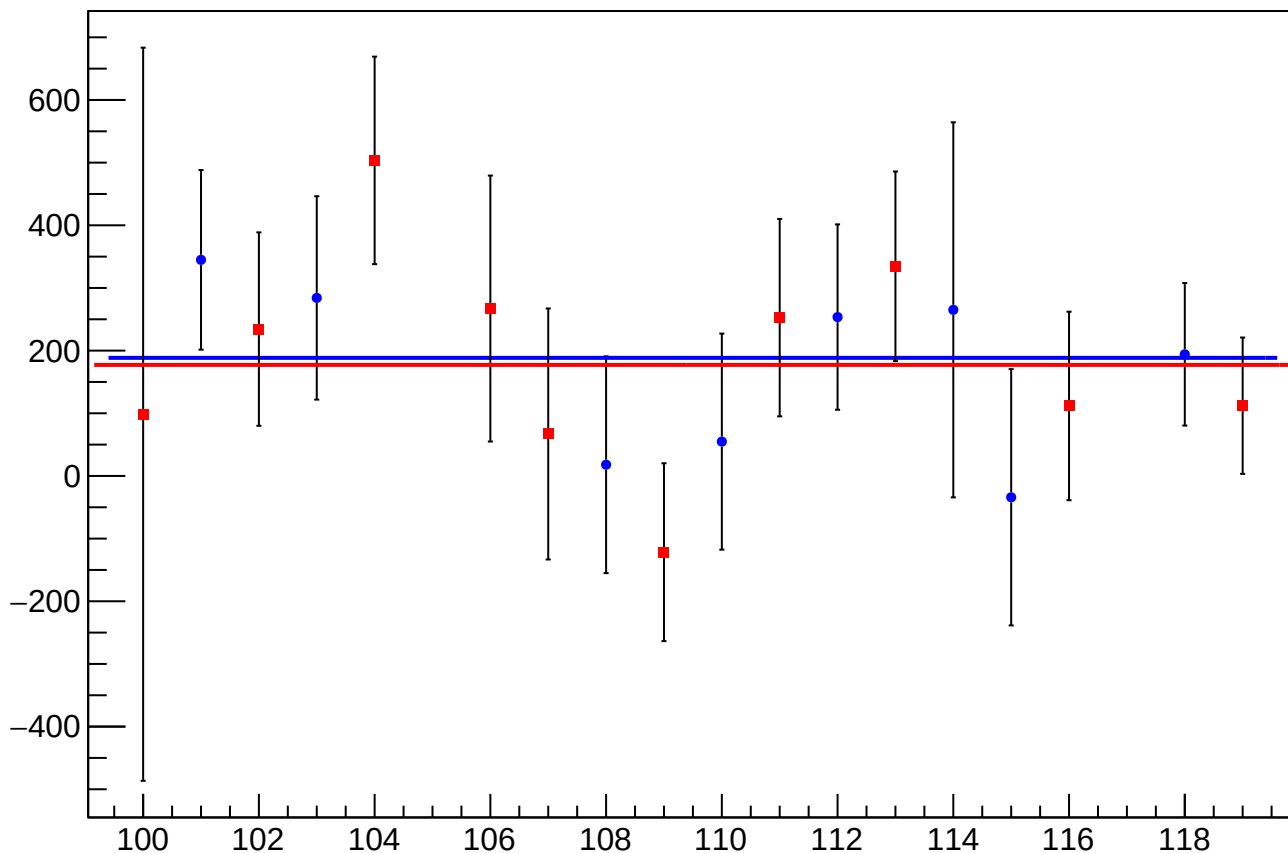
Right: 0.000+/-0.000 χ^2/NDF : 2200627.3/17

In: 0.000+/-0.000 χ^2/NDF : 1060723.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2200627.3/17

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.454+/-56.635 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.201+/-50.586 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

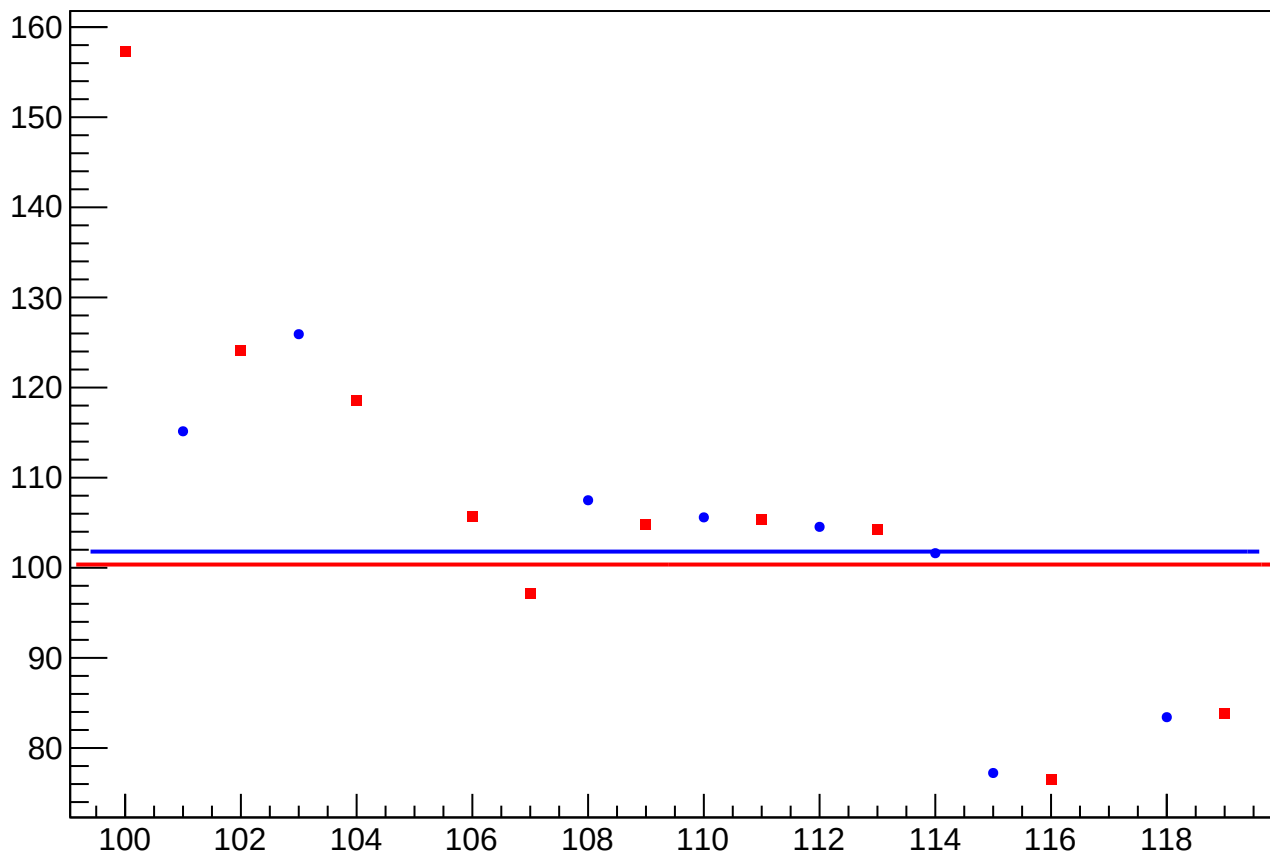
Right: 182.195+/-37.728 χ^2/NDF : 15.4/17

In: 188.454+/-56.635 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.195+/-37.728 χ^2/NDF : 15.4/17

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 101.797 $\pm$ 0.040 χ^2 /NDF: 146441.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.360 $\pm$ 0.036 χ^2 /NDF: 194006.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

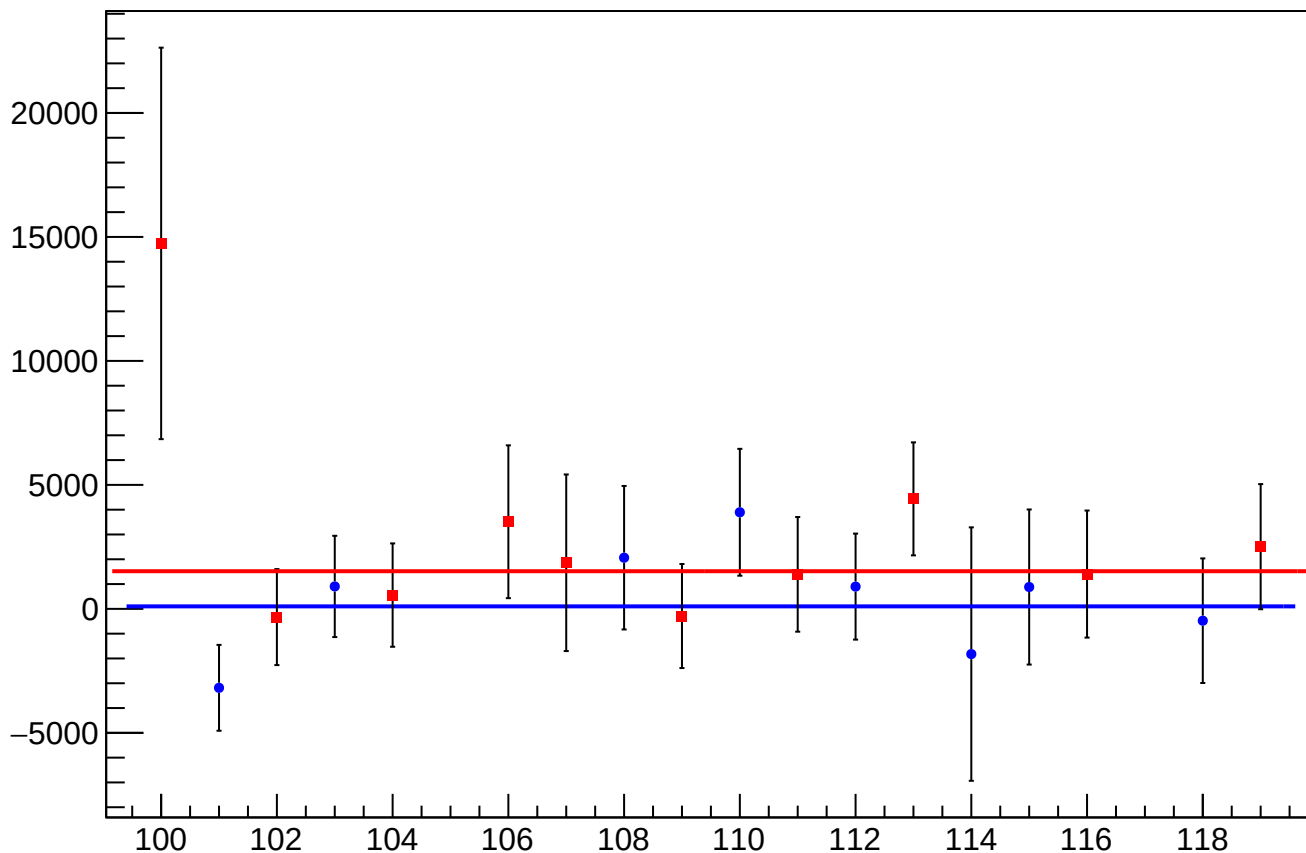
Right: 100.997 $\pm$ 0.027 χ^2 /NDF: 341164.1/17

In: 101.797 $\pm$ 0.040 χ^2 /NDF:146441.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.997 $\pm$ 0.027 χ^2 /NDF: 341164.1/17

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 100.621+/-856.395 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1518.210+/-787.202 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

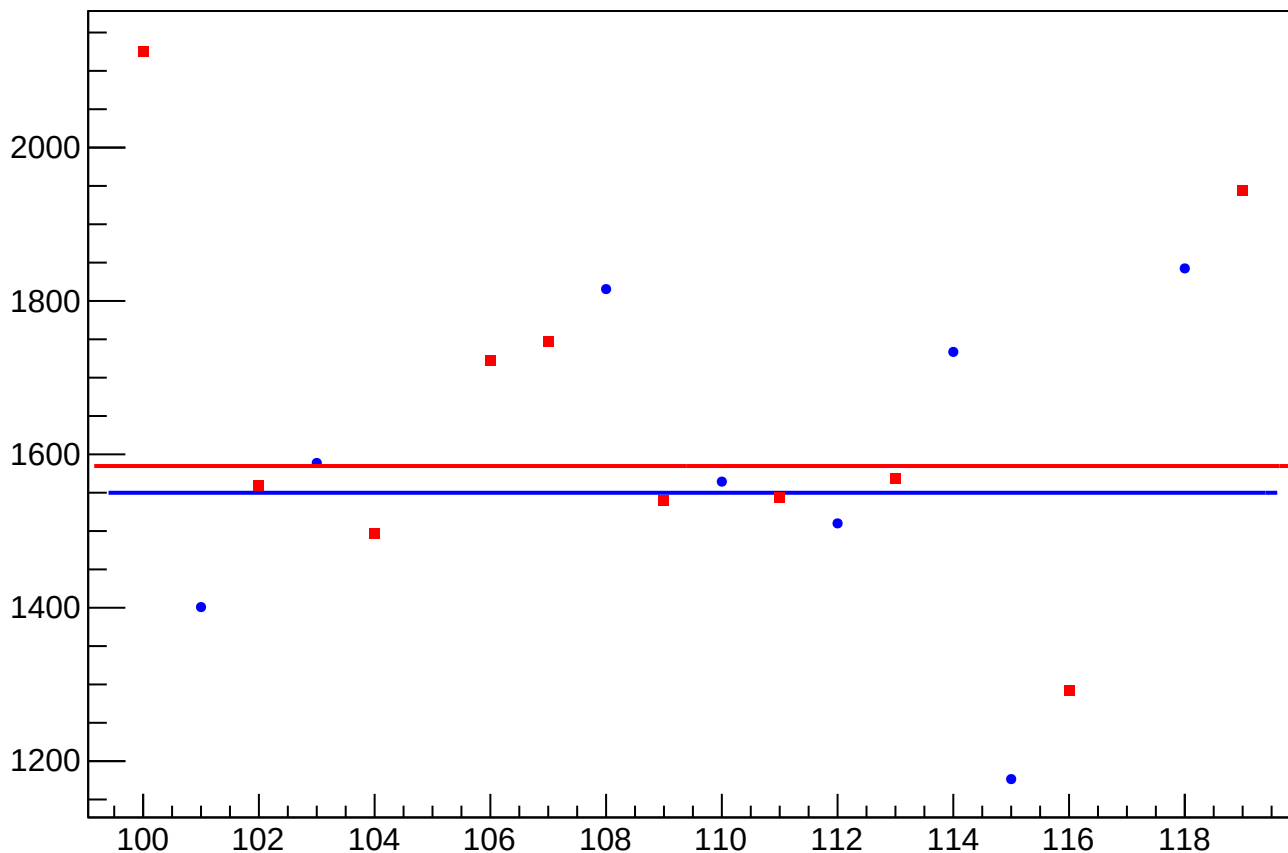
Right: 868.989+/-579.556 χ^2/NDF : 15.2/17

In: 100.621+/-856.395 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 868.989+/-579.556 χ^2/NDF : 15.2/17

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1549.922+/-0.606 χ^2/NDF : 91359.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1584.786+/-0.557 χ^2/NDF : 89818.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

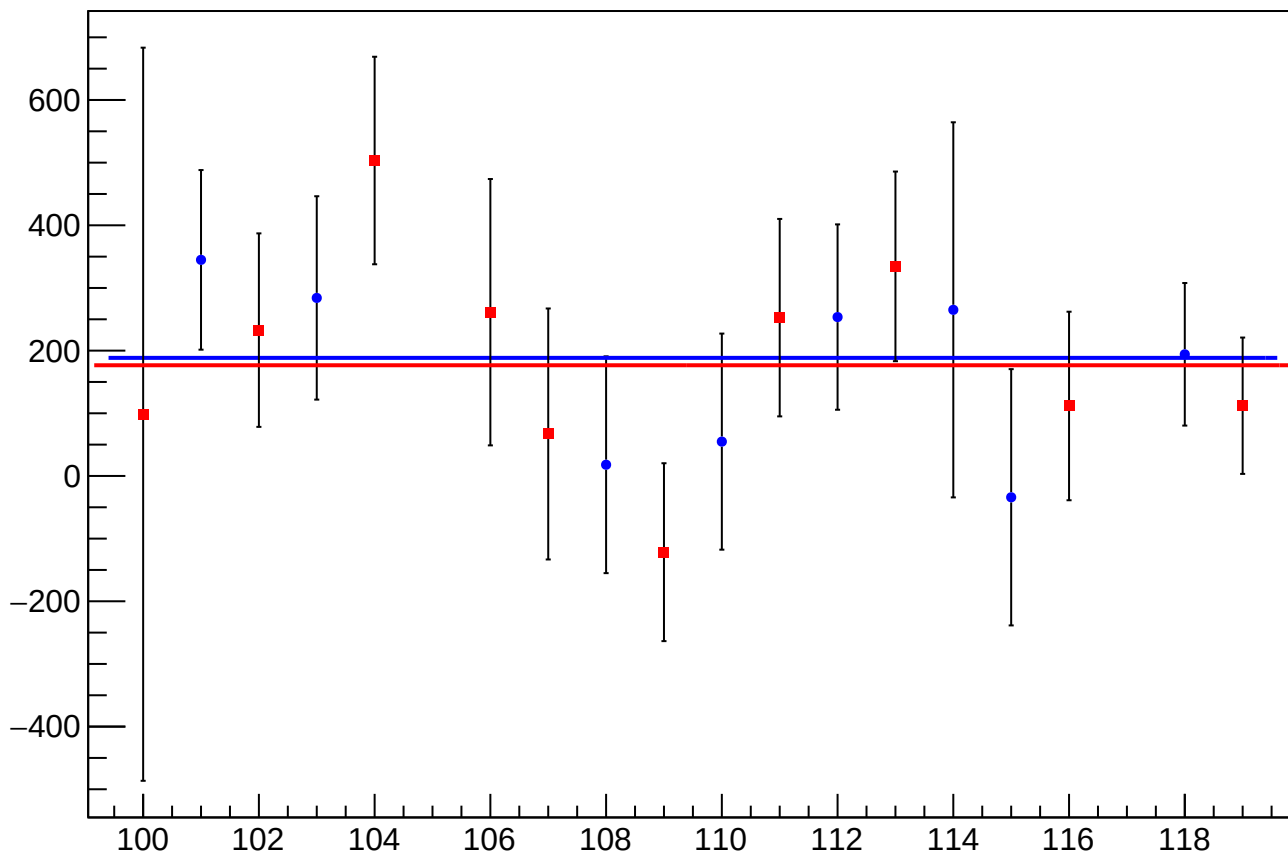
Right: 1568.819+/-0.410 χ^2/NDF : 182975.1/17

In: 1549.922+/-0.606 χ^2/NDF : 91359.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.819+/-0.410 χ^2/NDF : 182975.1/17

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.455+/-56.635 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.650+/-50.593 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

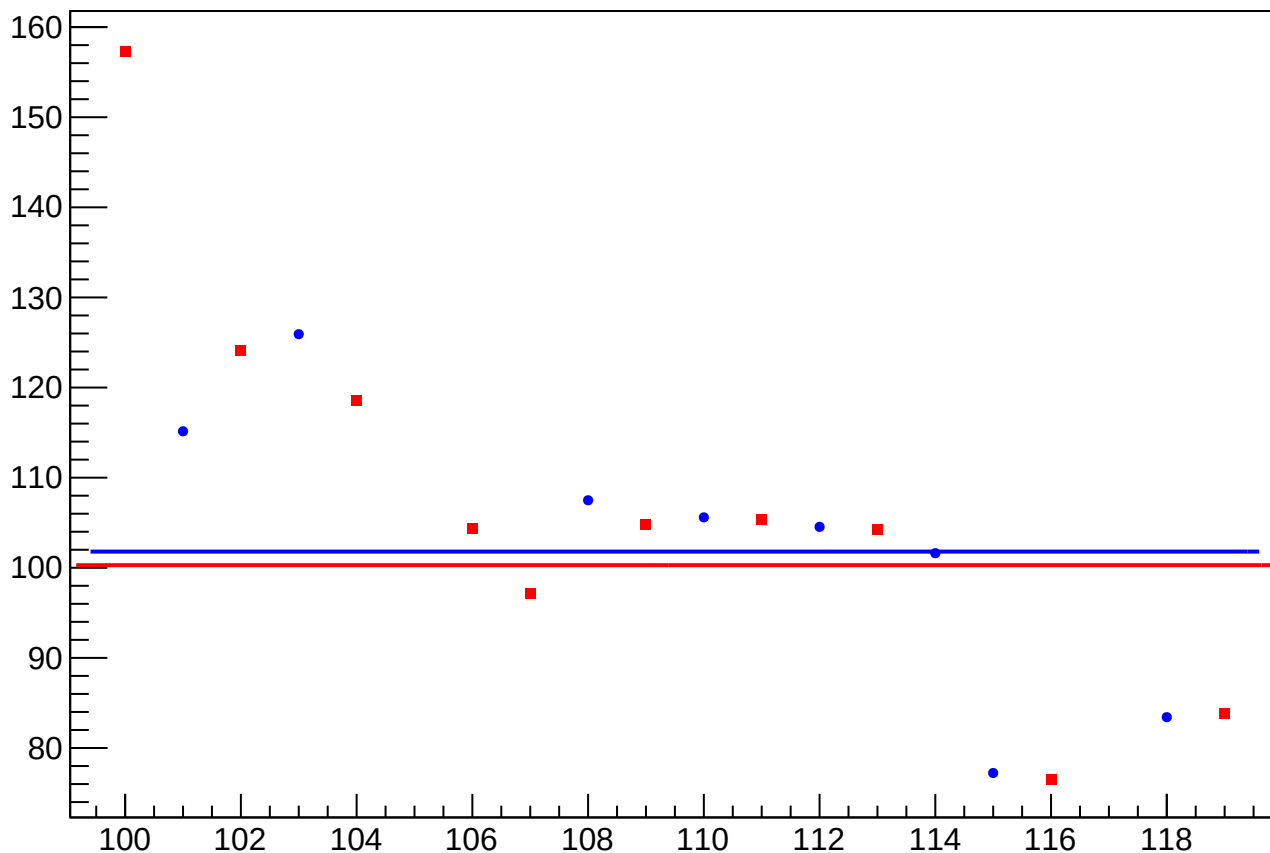
Right: 181.890+/-37.731 χ^2/NDF : 15.4/17

In: 188.455+/-56.635 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.890+/-37.731 χ^2/NDF : 15.4/17

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 101.797 $\pm$ 0.040 χ^2 /NDF: 146442.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.290 $\pm$ 0.036 χ^2 /NDF: 193654.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

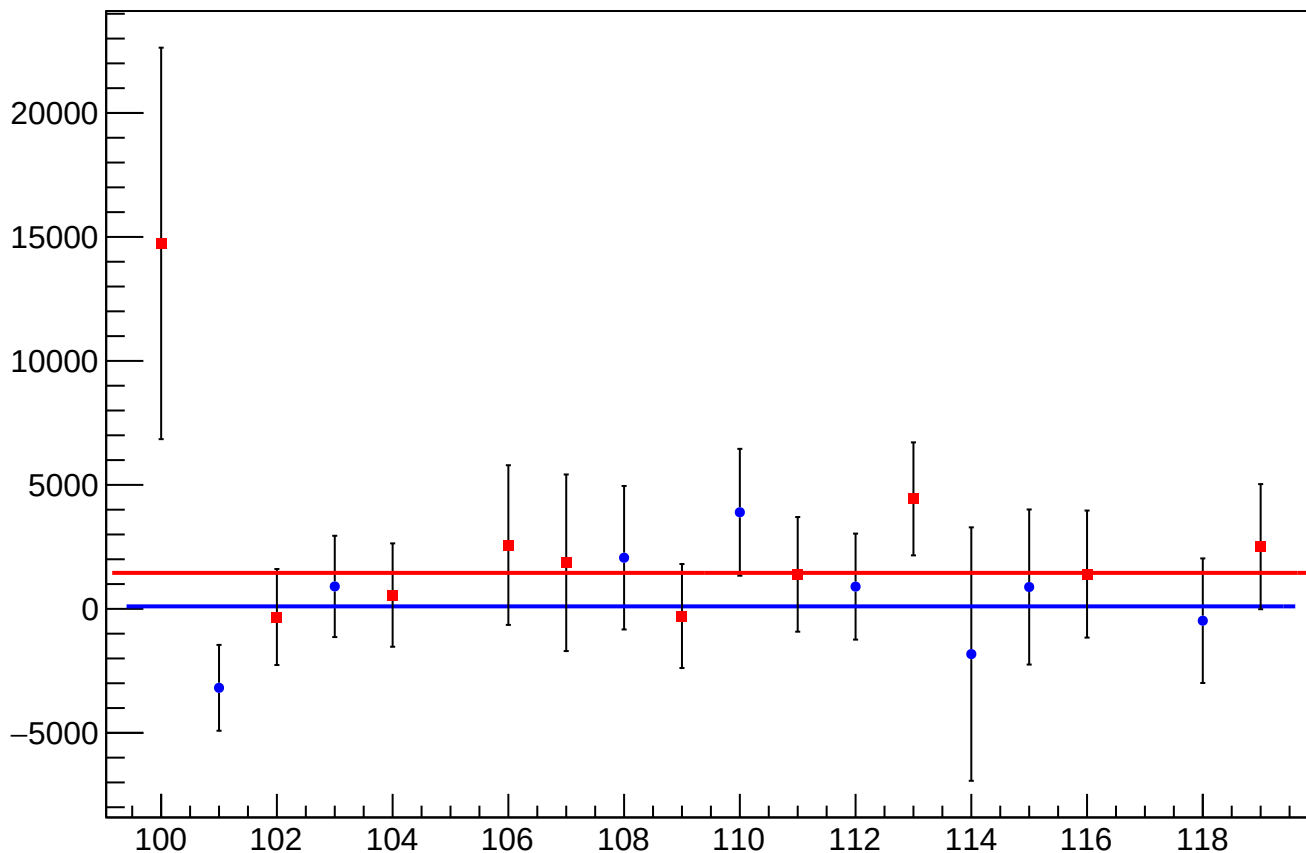
Right: 100.959 $\pm$ 0.027 χ^2 /NDF: 340884.7/17

In: 101.797 $\pm$ 0.040 χ^2 /NDF:146442.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.959 $\pm$ 0.027 χ^2 /NDF: 340884.7/17

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.702 $\pm$ 856.400 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1451.507 $\pm$ 789.425 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

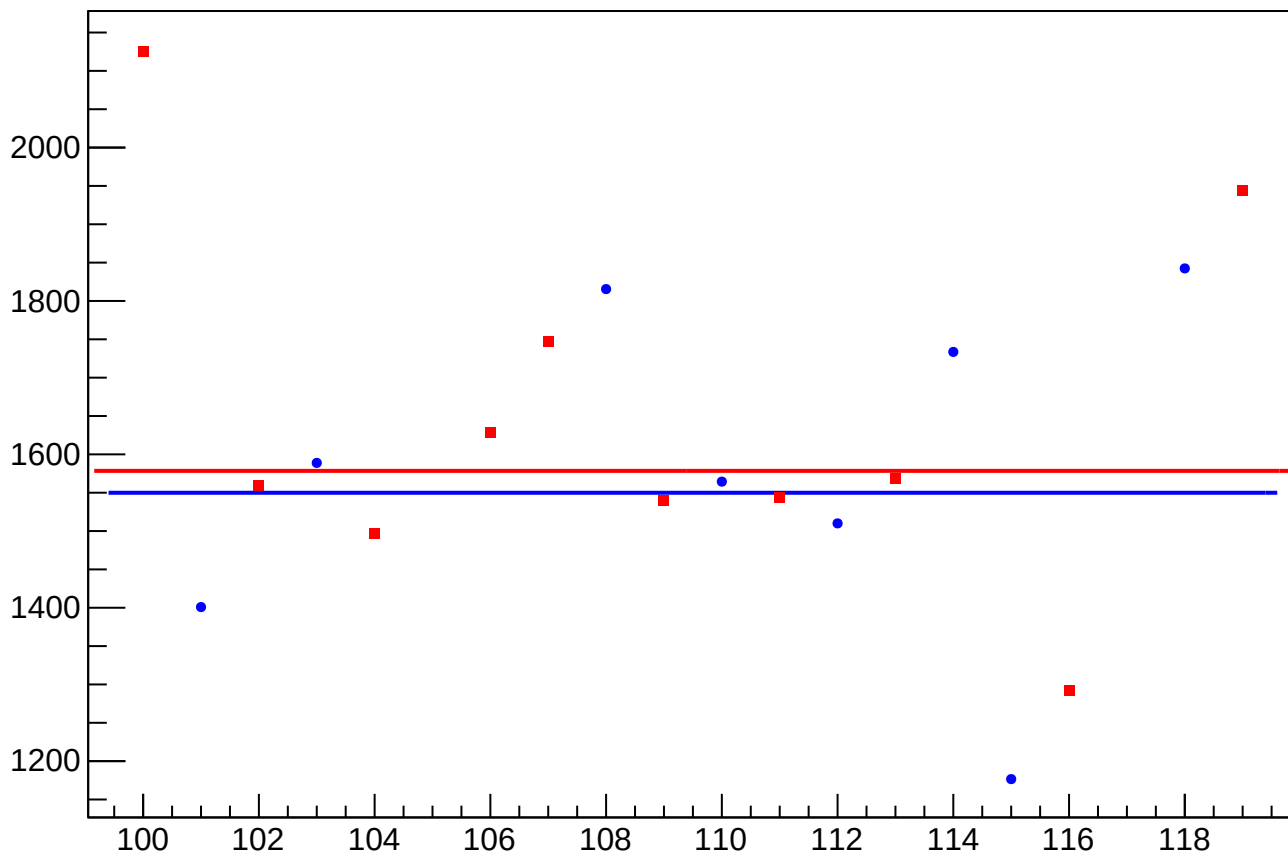
Right: 830.983 $\pm$ 580.443 χ^2 /NDF: 14.7/17

In: 100.702 $\pm$ 856.400 χ^2 /NDF:6.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 830.983 $\pm$ 580.443 χ^2 /NDF: 14.7/17

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1549.932+/-0.606 χ^2/NDF : 91362.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1578.482+/-0.558 χ^2/NDF : 86051.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

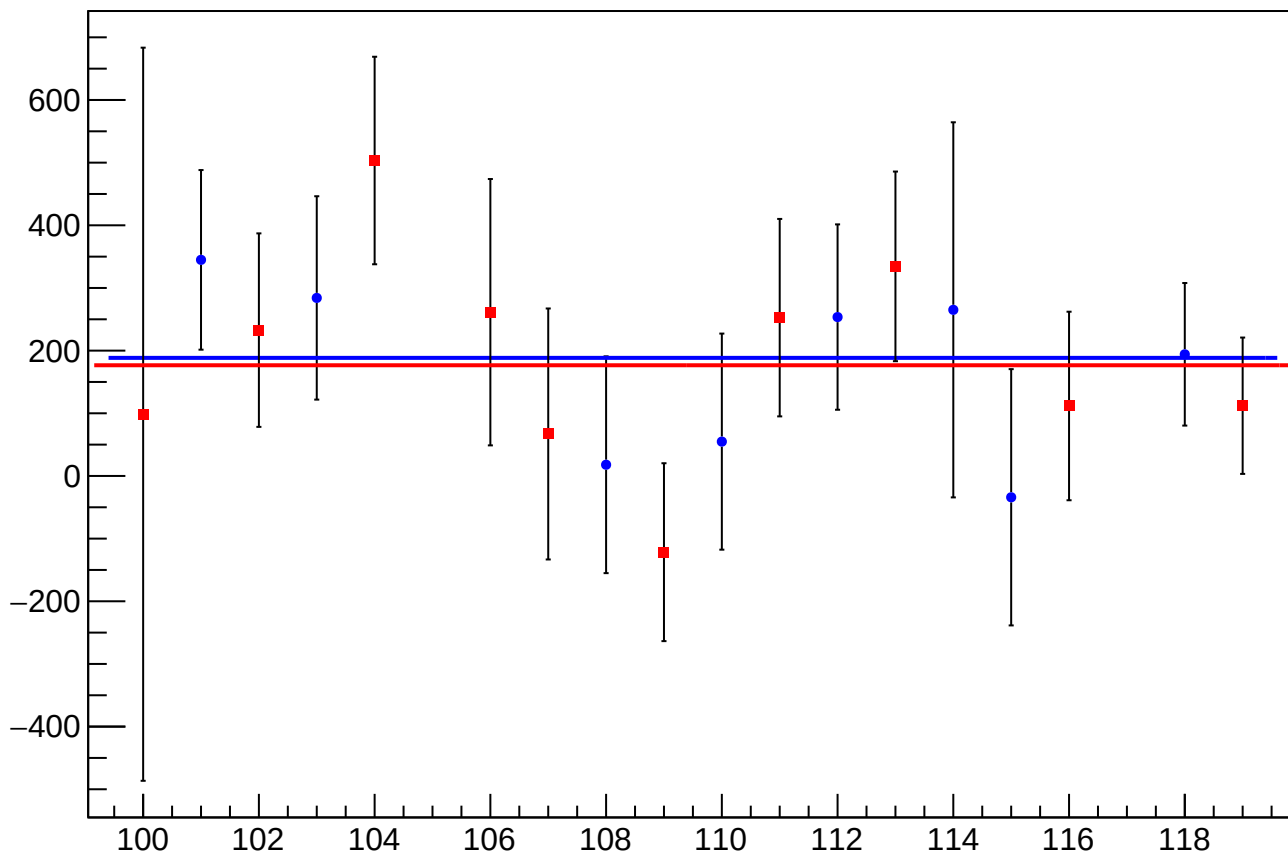
Right: 1565.367+/-0.410 χ^2/NDF : 178615.9/17

In: 1549.932+/-0.606 χ^2/NDF : 91362.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.367+/-0.410 χ^2/NDF : 178615.9/17

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 188.455+/-56.635 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.650+/-50.593 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

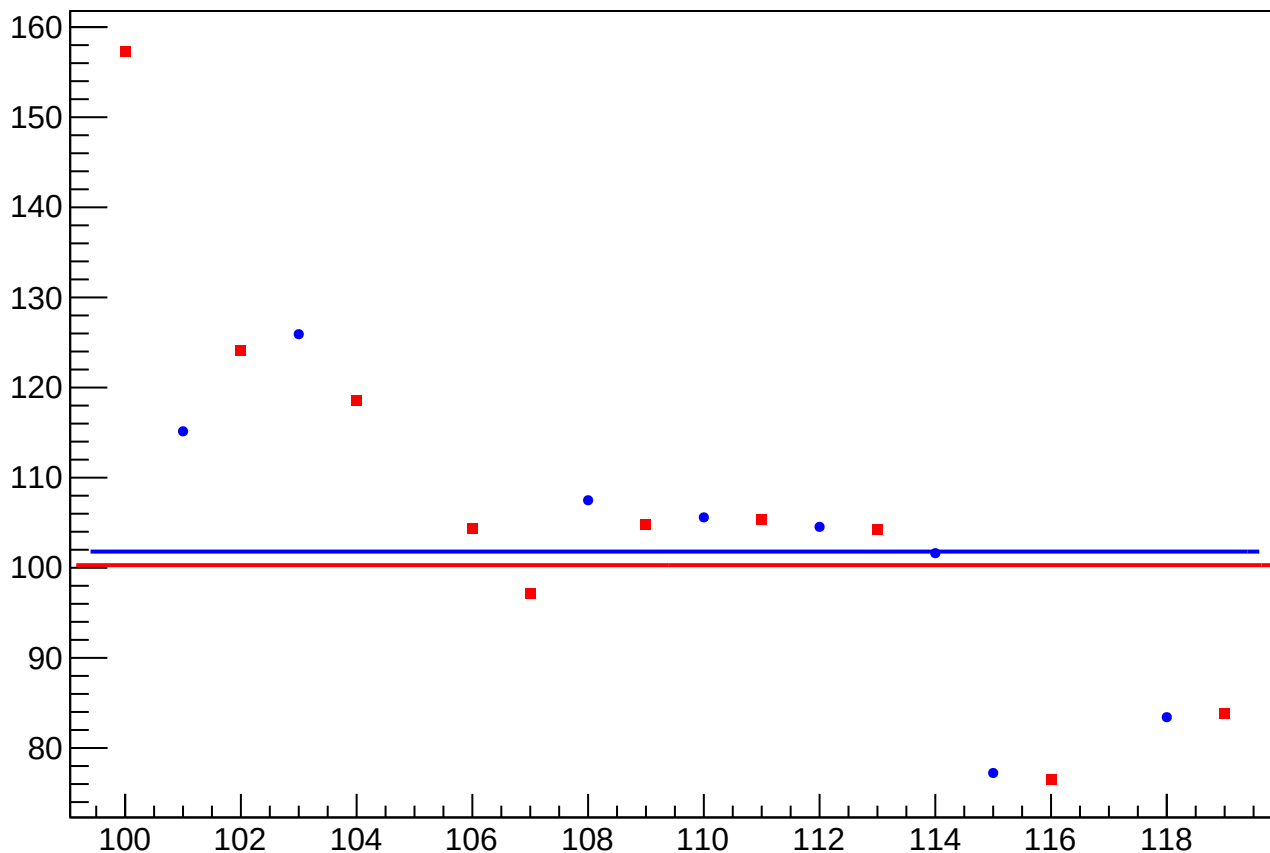
Right: 181.890+/-37.731 χ^2/NDF : 15.4/17

In: 188.455+/-56.635 χ^2/NDF : 4.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.890+/-37.731 χ^2/NDF : 15.4/17

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 101.797 $\pm$ 0.040 χ^2 /NDF: 146442.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.290 $\pm$ 0.036 χ^2 /NDF: 193654.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

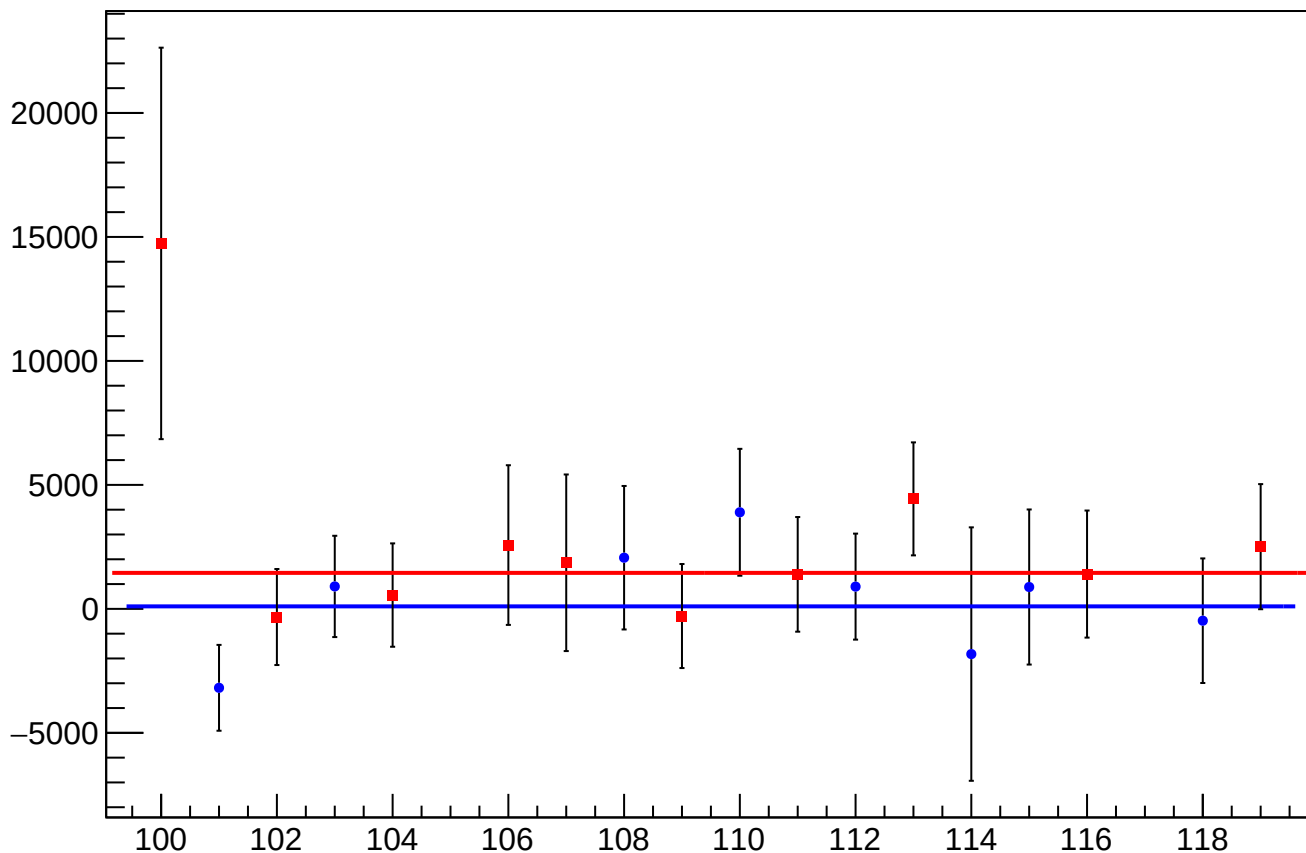
Right: 100.959 $\pm$ 0.027 χ^2 /NDF: 340884.7/17

In: 101.797 $\pm$ 0.040 χ^2 /NDF:146442.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.959 $\pm$ 0.027 χ^2 /NDF: 340884.7/17

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 100.702+/-856.400 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1451.507+/-789.425 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

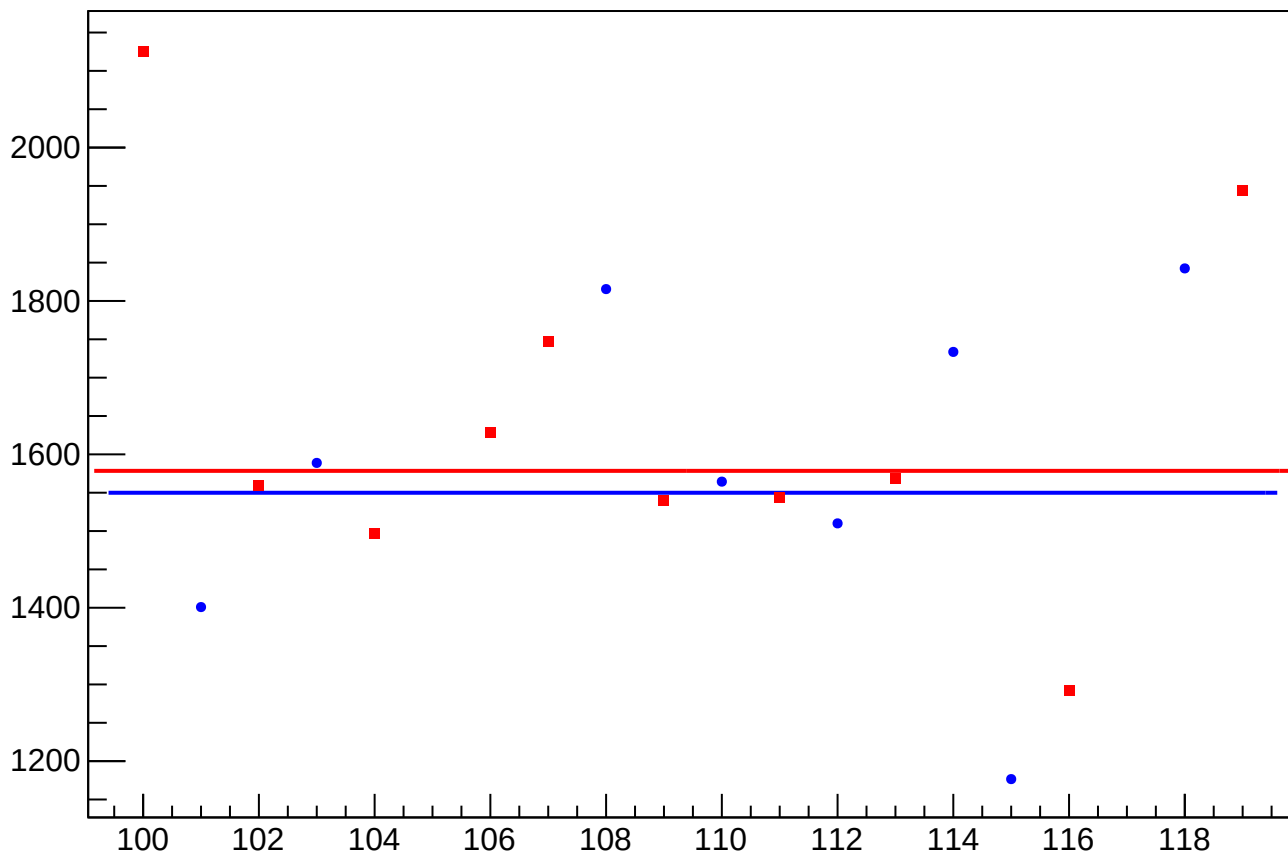
Right: 830.983+/-580.443 χ^2/NDF : 14.7/17

In: 100.702+/-856.400 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 830.983+/-580.443 χ^2/NDF : 14.7/17

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1549.932 $\pm$ 0.606 χ^2 /NDF: 91362.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1578.482 $\pm$ 0.558 χ^2 /NDF: 86051.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

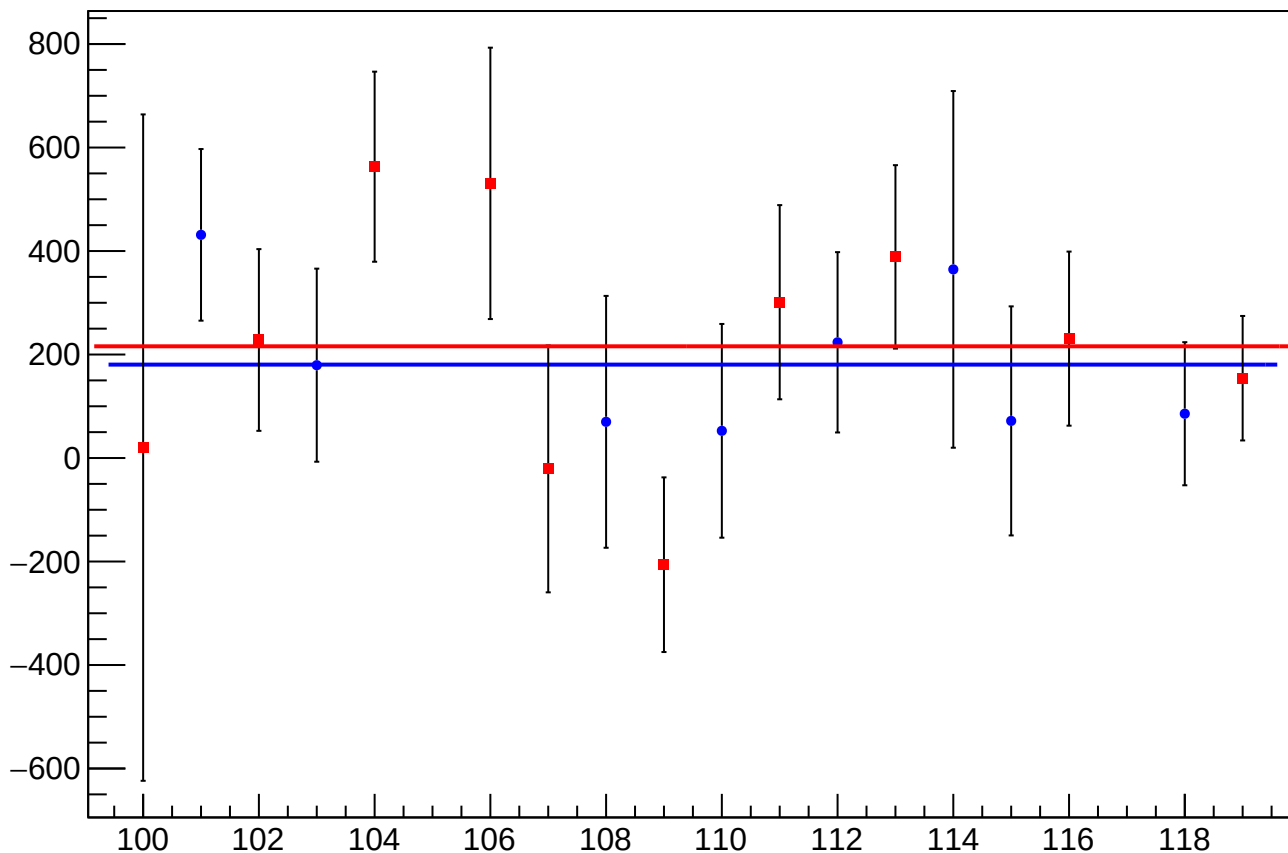
Right: 1565.367 $\pm$ 0.410 χ^2 /NDF: 178615.9/17

In: 1549.932 $\pm$ 0.606 χ^2 /NDF:91362.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1565.367 $\pm$ 0.410 χ^2 /NDF: 178615.9/17

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 180.524 $\pm$ 67.496 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 215.888 $\pm$ 58.084 χ^2 /NDF: 13.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

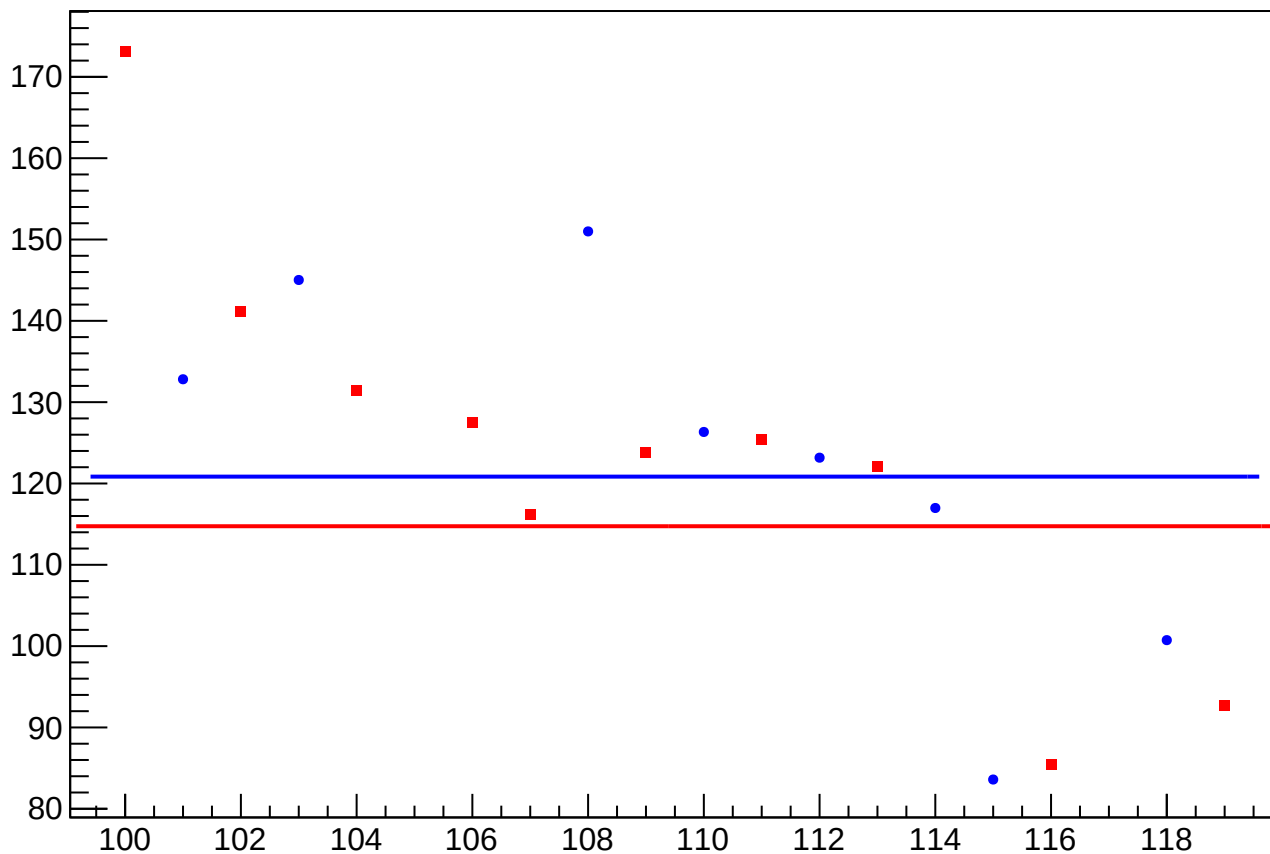
Right: 200.842 $\pm$ 44.026 χ^2 /NDF: 17.9/17

In: 180.524 $\pm$ 67.496 χ^2 /NDF: 3.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 200.842 $\pm$ 44.026 χ^2 /NDF: 17.9/17

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 120.844 $\pm$ 0.048 χ^2 /NDF: 175693.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 114.743 $\pm$ 0.041 χ^2 /NDF: 226514.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

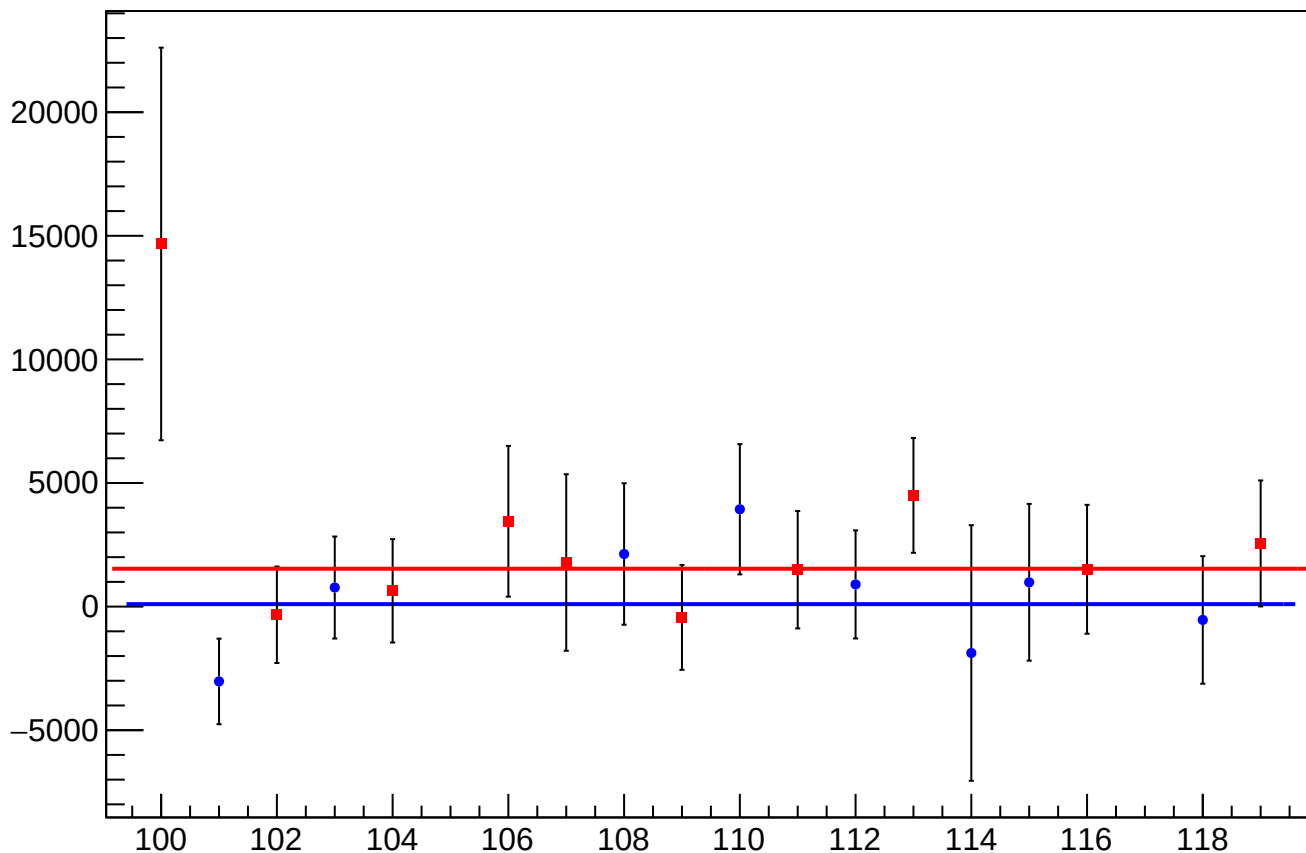
Right: 117.339 $\pm$ 0.031 χ^2 /NDF: 411596.1/17

In: 120.844 $\pm$ 0.048 χ^2 /NDF:175693.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.339 $\pm$ 0.031 χ^2 /NDF: 411596.1/17

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 99.239+/-866.686 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.531+/-795.849 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

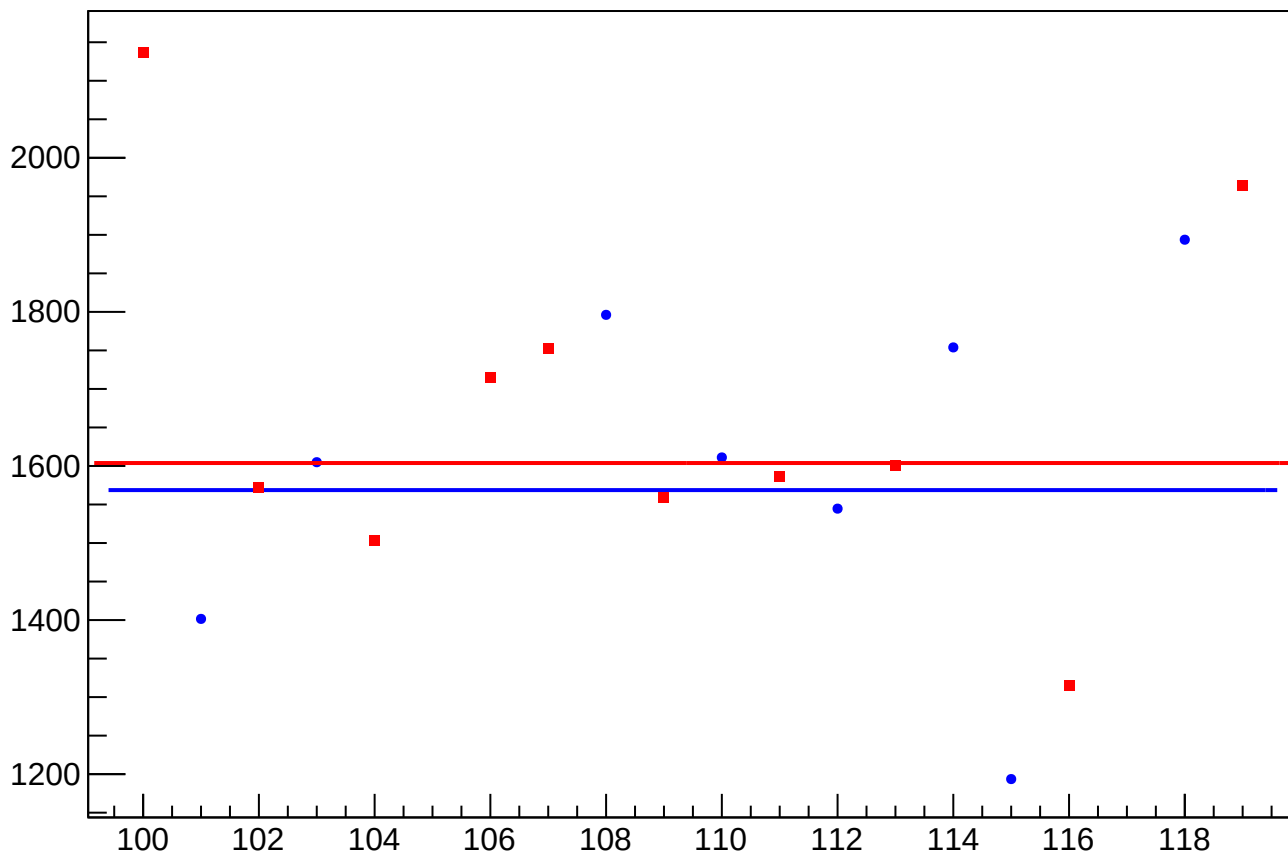
Right: 876.844+/-586.196 χ^2/NDF : 14.8/17

In: 99.239+/-866.686 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.844+/-586.196 χ^2/NDF : 14.8/17

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1568.698+/-0.613 χ^2/NDF : 94943.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.831+/-0.563 χ^2/NDF : 85853.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

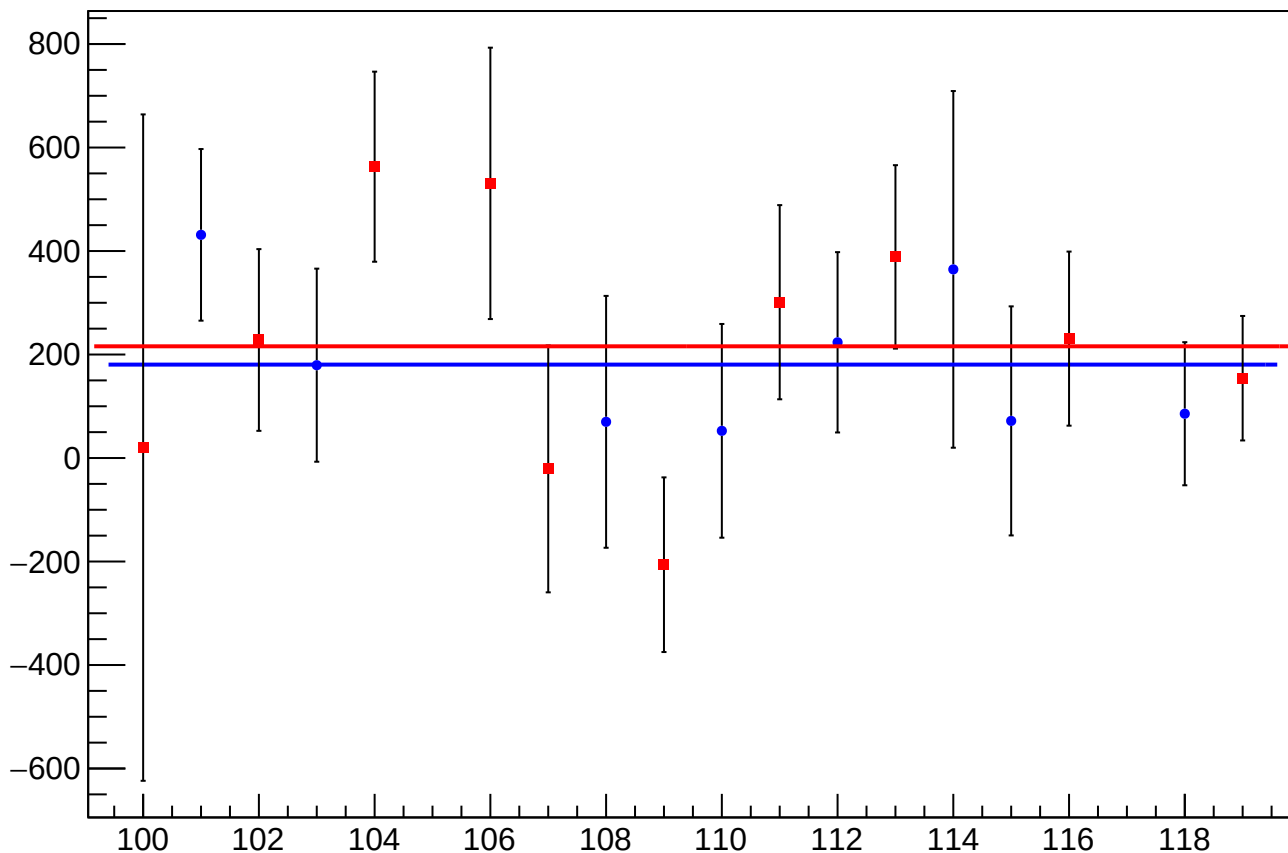
Right: 1587.759+/-0.415 χ^2/NDF : 182580.5/17

In: 1568.698+/-0.613 χ^2/NDF : 94943.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.759+/-0.415 χ^2/NDF : 182580.5/17

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 180.520+/-67.496 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.884+/-58.083 χ^2/NDF : 13.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

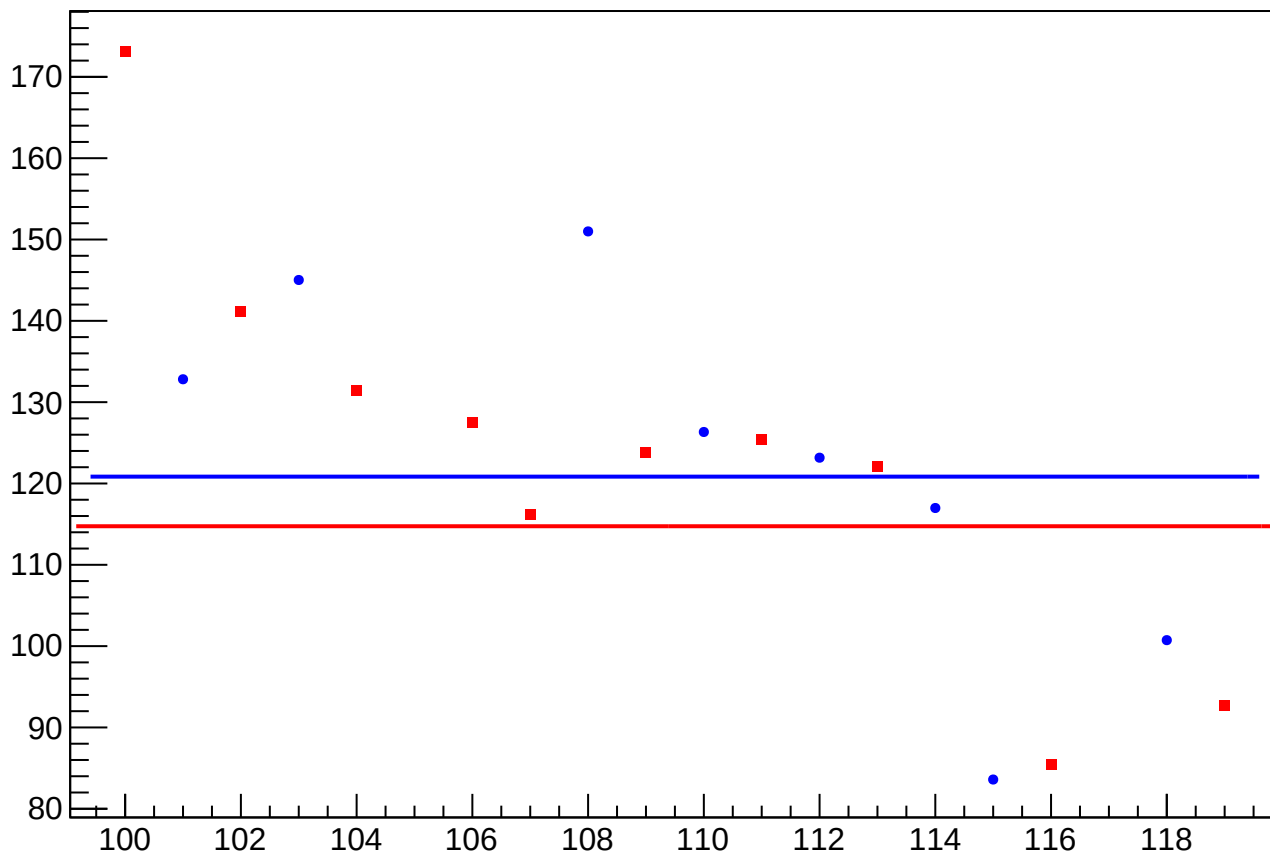
Right: 200.838+/-44.026 χ^2/NDF : 17.9/17

In: 180.520+/-67.496 χ^2/NDF : 3.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.838+/-44.026 χ^2/NDF : 17.9/17

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 120.843+/-0.048 χ^2/NDF : 175697.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.742+/-0.041 χ^2/NDF : 226513.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

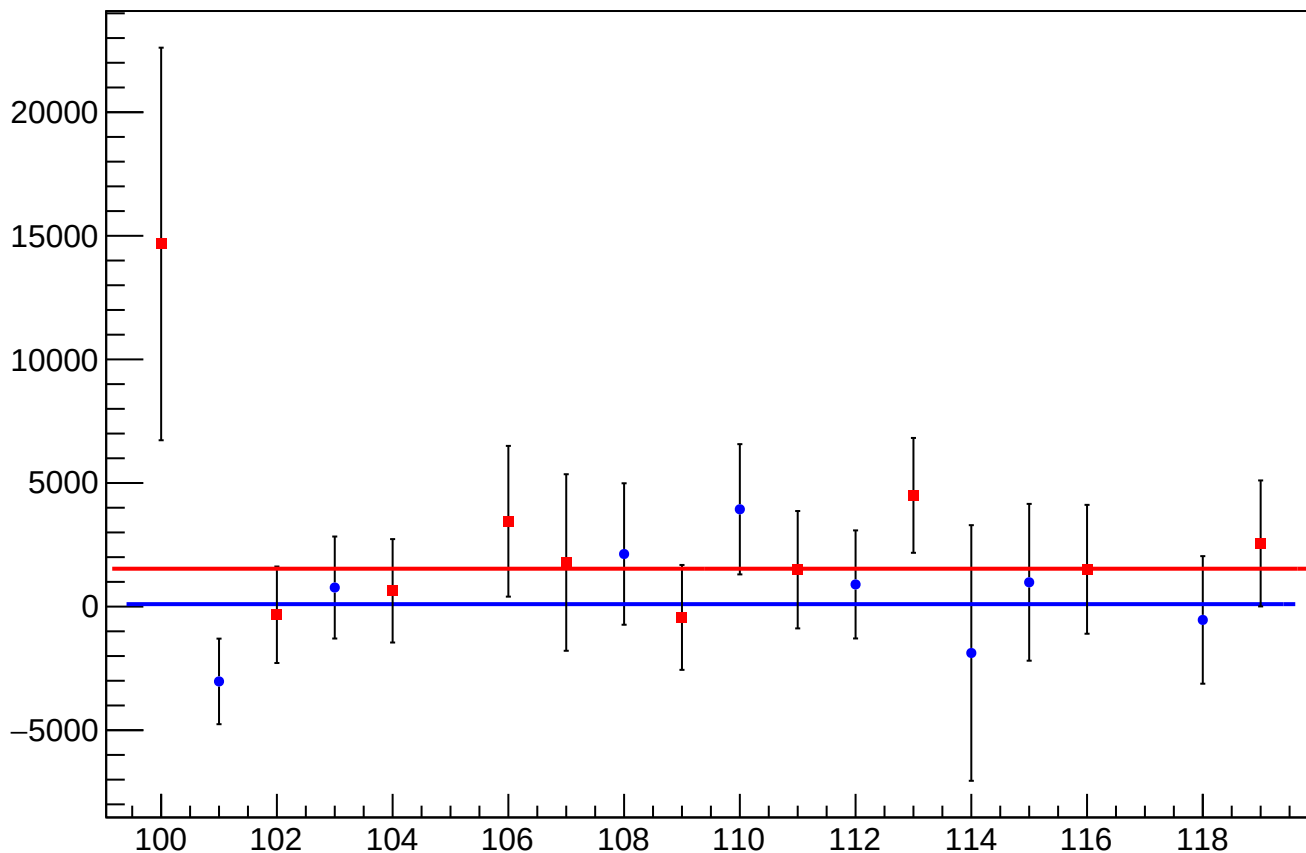
Right: 117.338+/-0.031 χ^2/NDF : 411598.0/17

In: 120.843+/-0.048 χ^2/NDF : 175697.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.338+/-0.031 χ^2/NDF : 411598.0/17

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 99.240+/-866.685 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1532.528+/-795.848 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

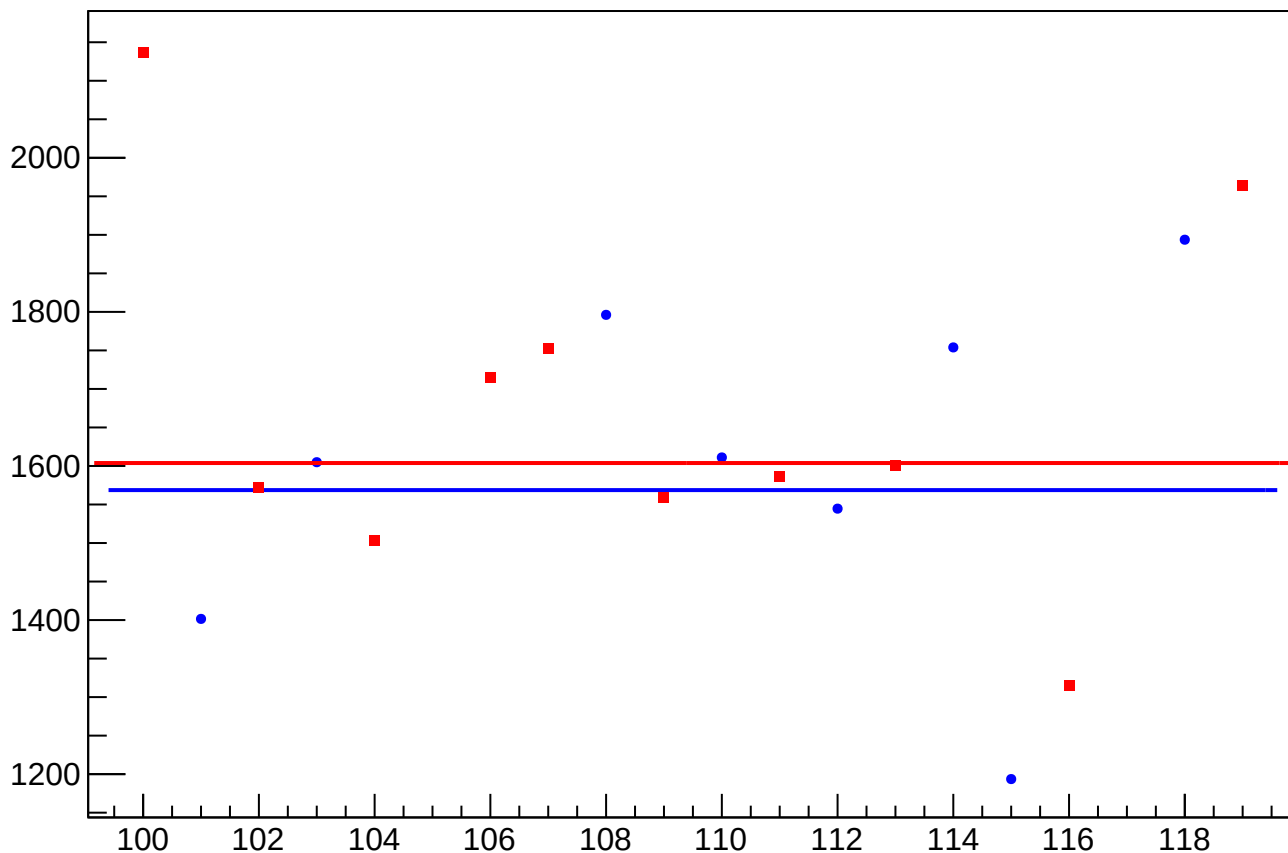
Right: 876.843+/-586.195 χ^2/NDF : 14.8/17

In: 99.240+/-866.685 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 876.843+/-586.195 χ^2/NDF : 14.8/17

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1568.695+/-0.613 χ^2/NDF : 94942.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.828+/-0.563 χ^2/NDF : 85853.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

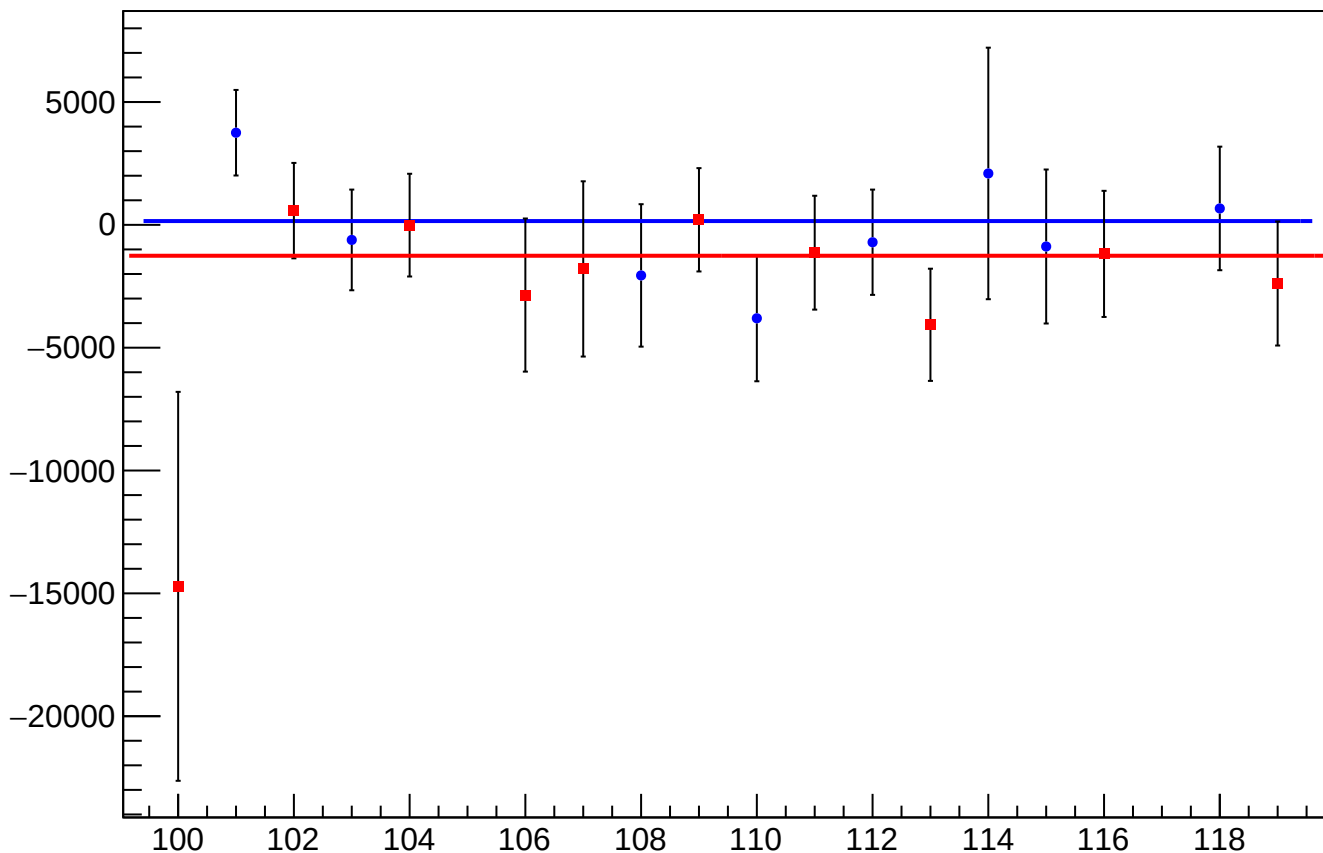
Right: 1587.756+/-0.415 χ^2/NDF : 182579.4/17

In: 1568.695+/-0.613 χ^2/NDF : 94942.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.756+/-0.415 χ^2/NDF : 182579.4/17

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 154.498+/-859.094 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1257.631+/-789.557 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

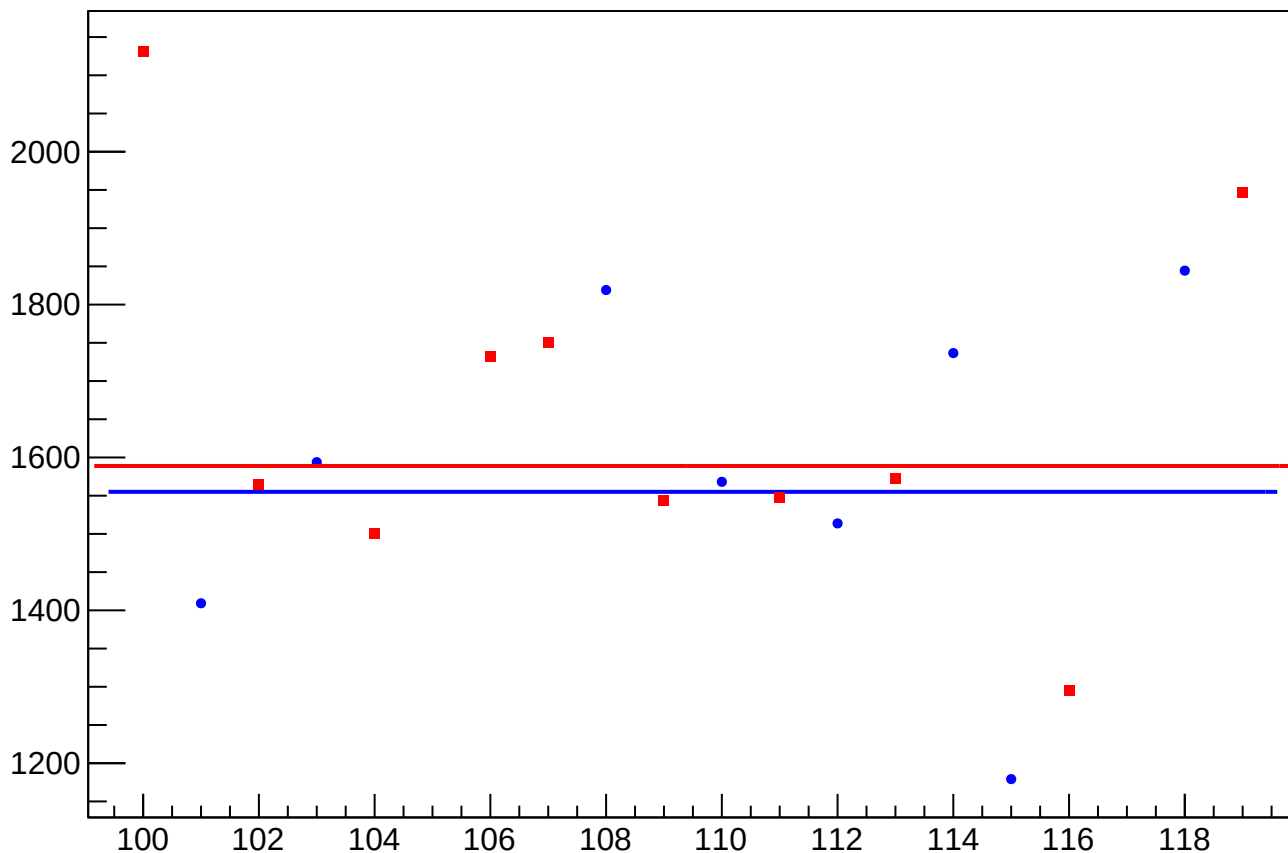
Right: -611.022+/-581.332 χ^2/NDF : 15.9/17

In: 154.498+/-859.094 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -611.022+/-581.332 χ^2/NDF : 15.9/17

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1555.026+/-0.607 χ^2/NDF : 89873.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1588.861+/-0.558 χ^2/NDF : 89516.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

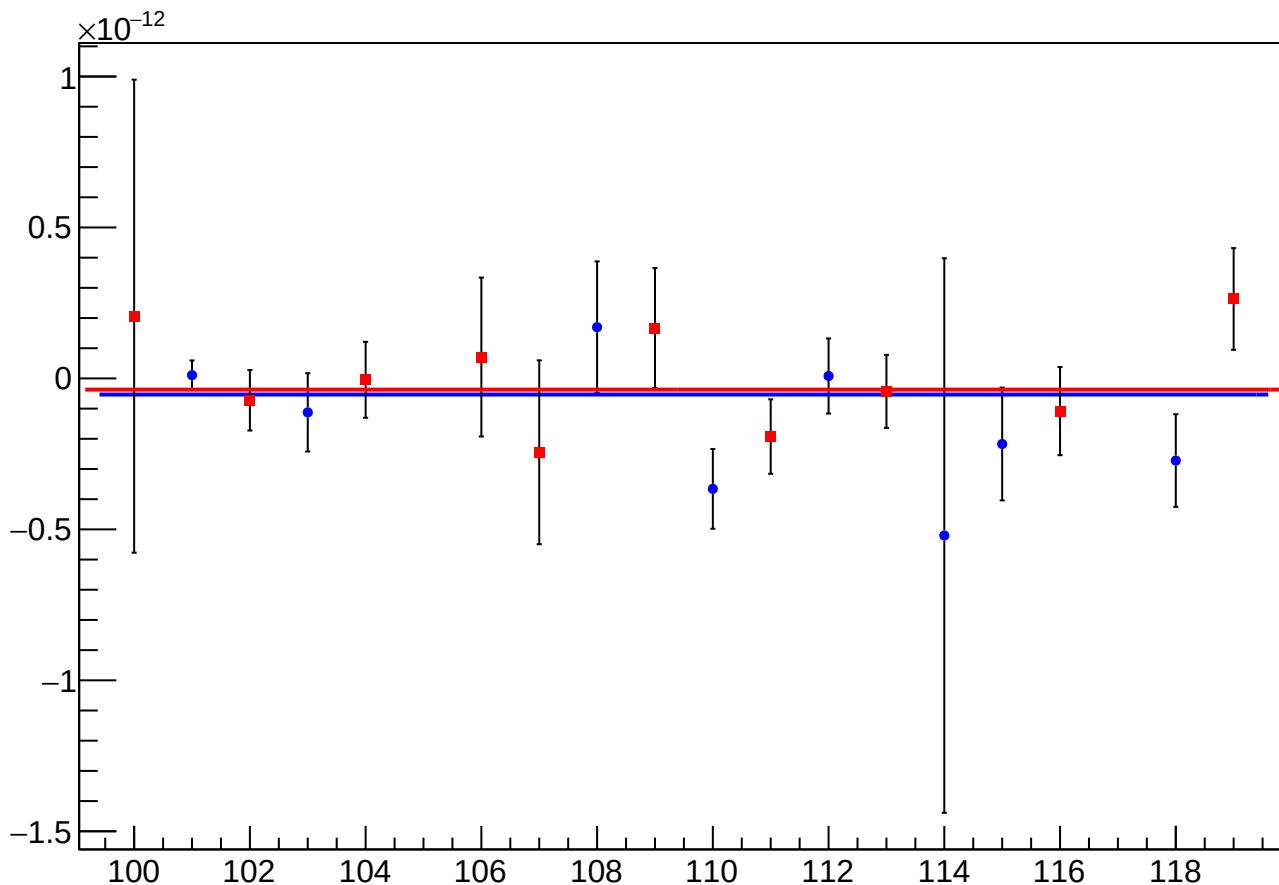
Right: 1573.368+/-0.411 χ^2/NDF : 181071.7/17

In: 1555.026+/-0.607 χ^2/NDF : 89873.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.368+/-0.411 χ^2/NDF : 181071.7/17

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

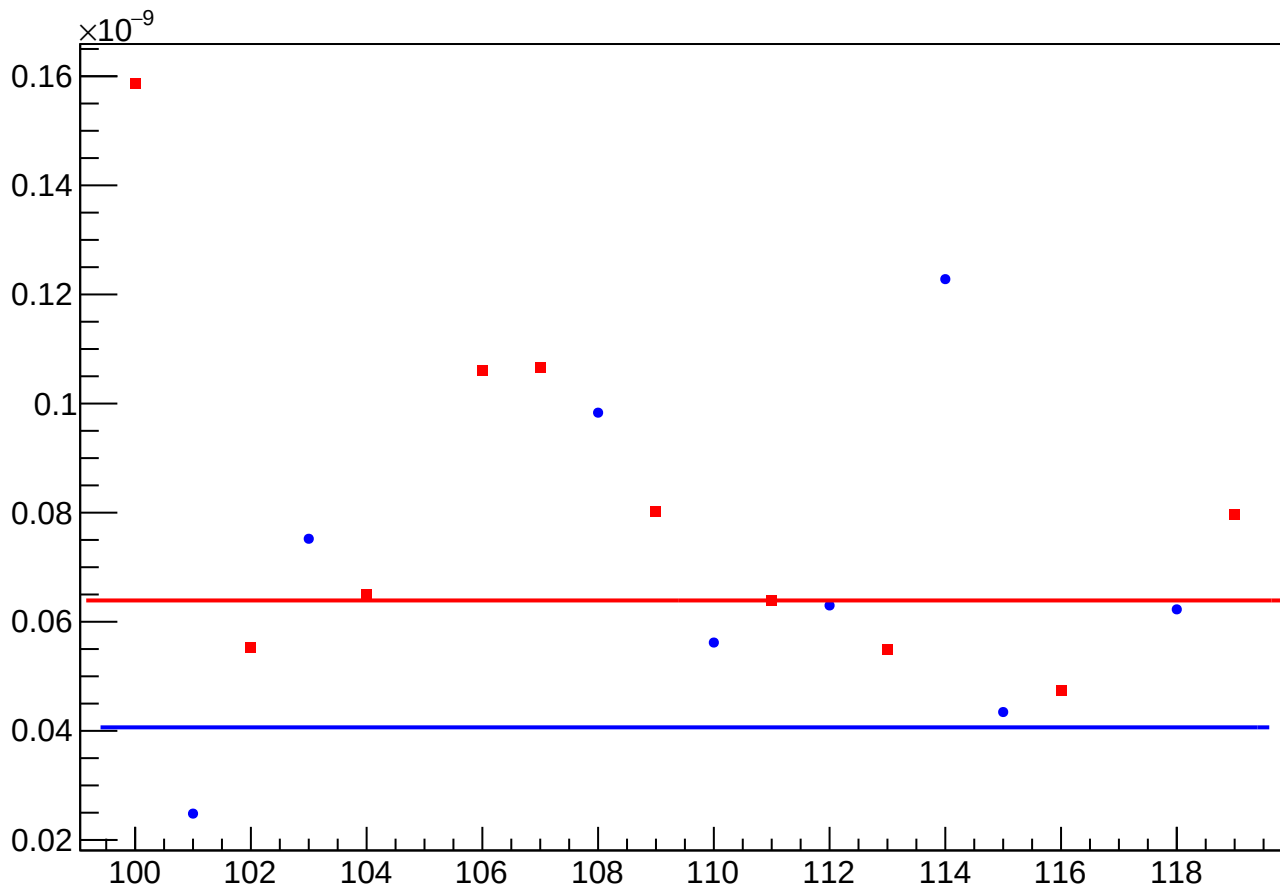
Right: -0.000+/-0.000 χ^2/NDF : 19.0/17

In: -0.000+/-0.000 χ^2/NDF : 11.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.0/17

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 643074.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 202006.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

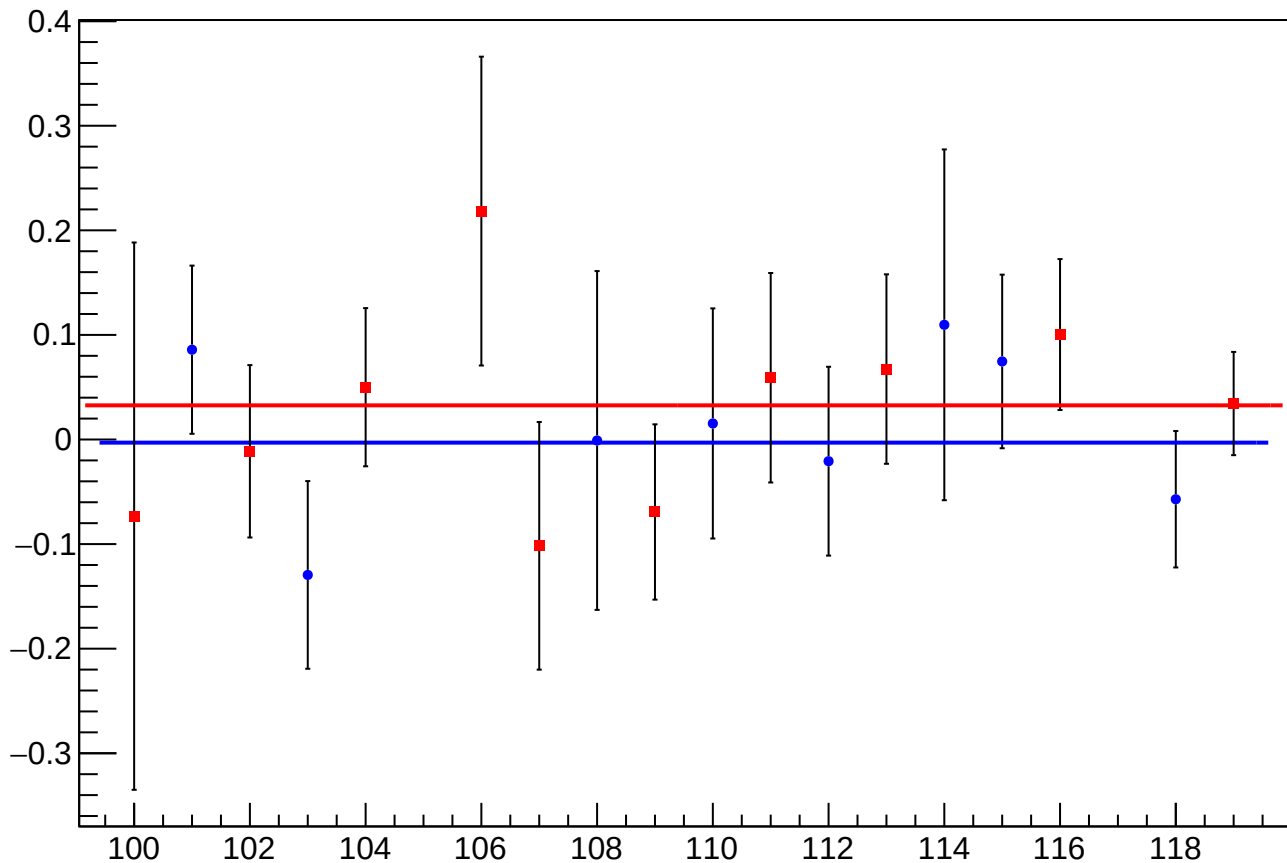
Right: 0.000+/-0.000 χ^2/NDF : 1133761.1/17

In: 0.000+/-0.000 χ^2/NDF : 643074.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1133761.1/17

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

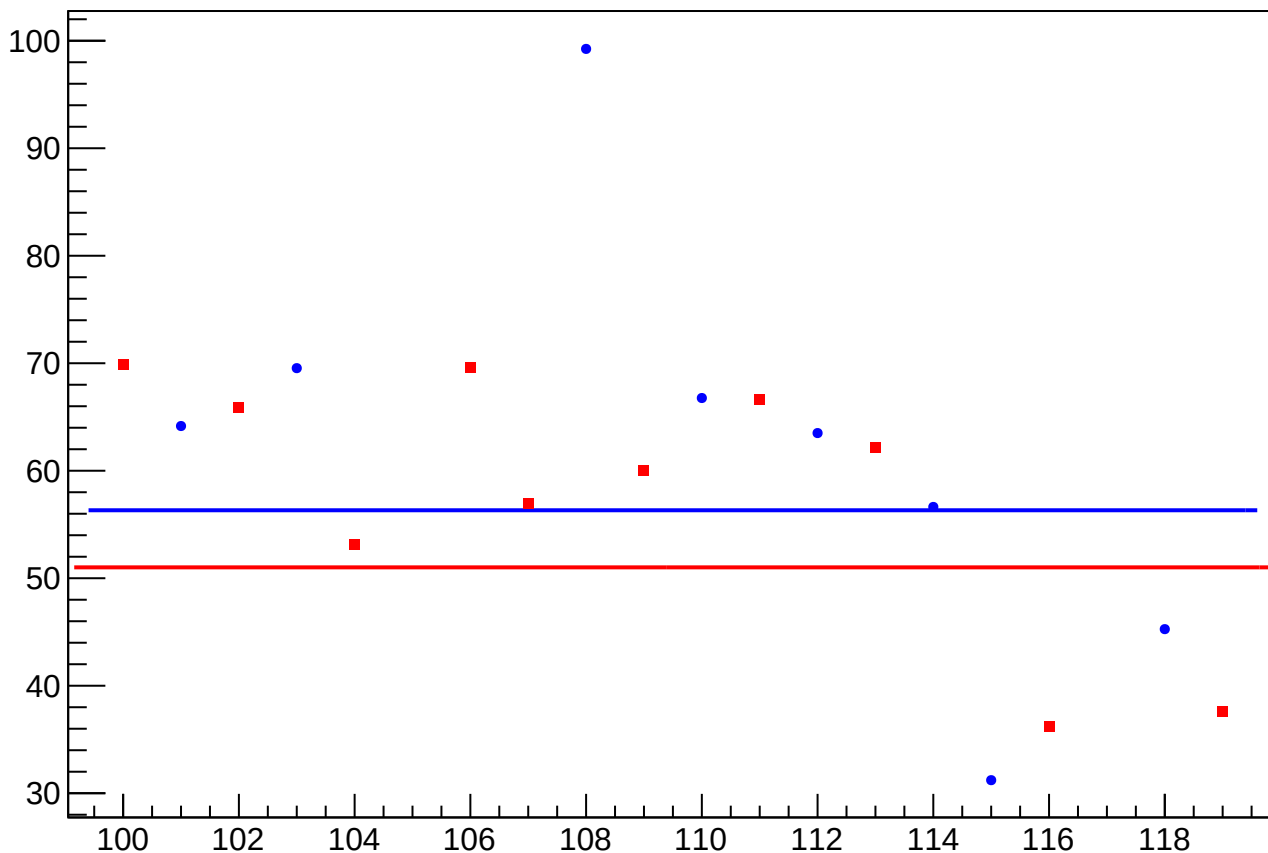
Right: 0.018+/-0.021 χ^2/NDF : 12.0/17

In: -0.003+/-0.033 χ^2/NDF :5.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.021 χ^2/NDF : 12.0/17

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.323+/-0.023 χ^2/NDF : 474105.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.012+/-0.019 χ^2/NDF : 447353.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

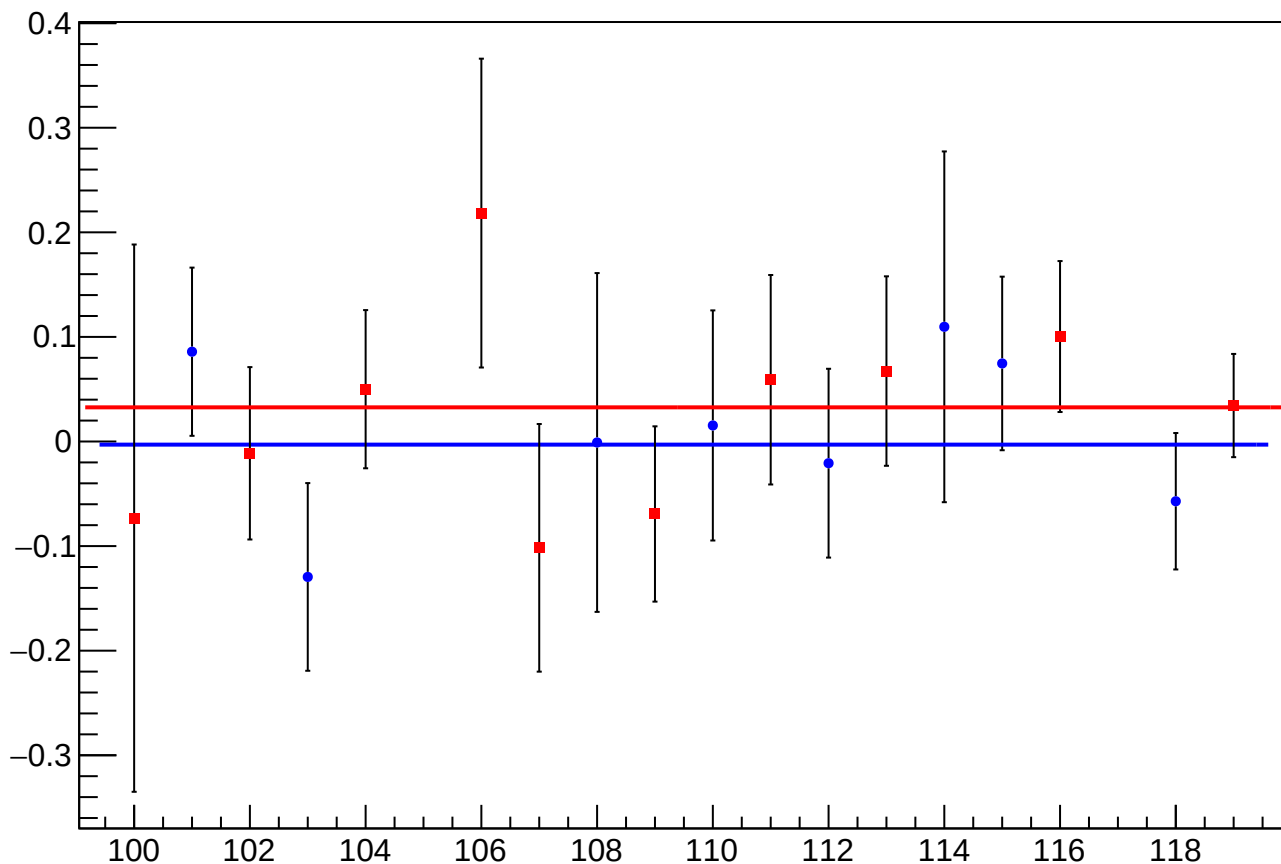
Right: 53.124+/-0.015 χ^2/NDF : 953332.8/17

In: 56.323+/-0.023 χ^2/NDF : 474105.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.124+/-0.015 χ^2/NDF : 953332.8/17

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

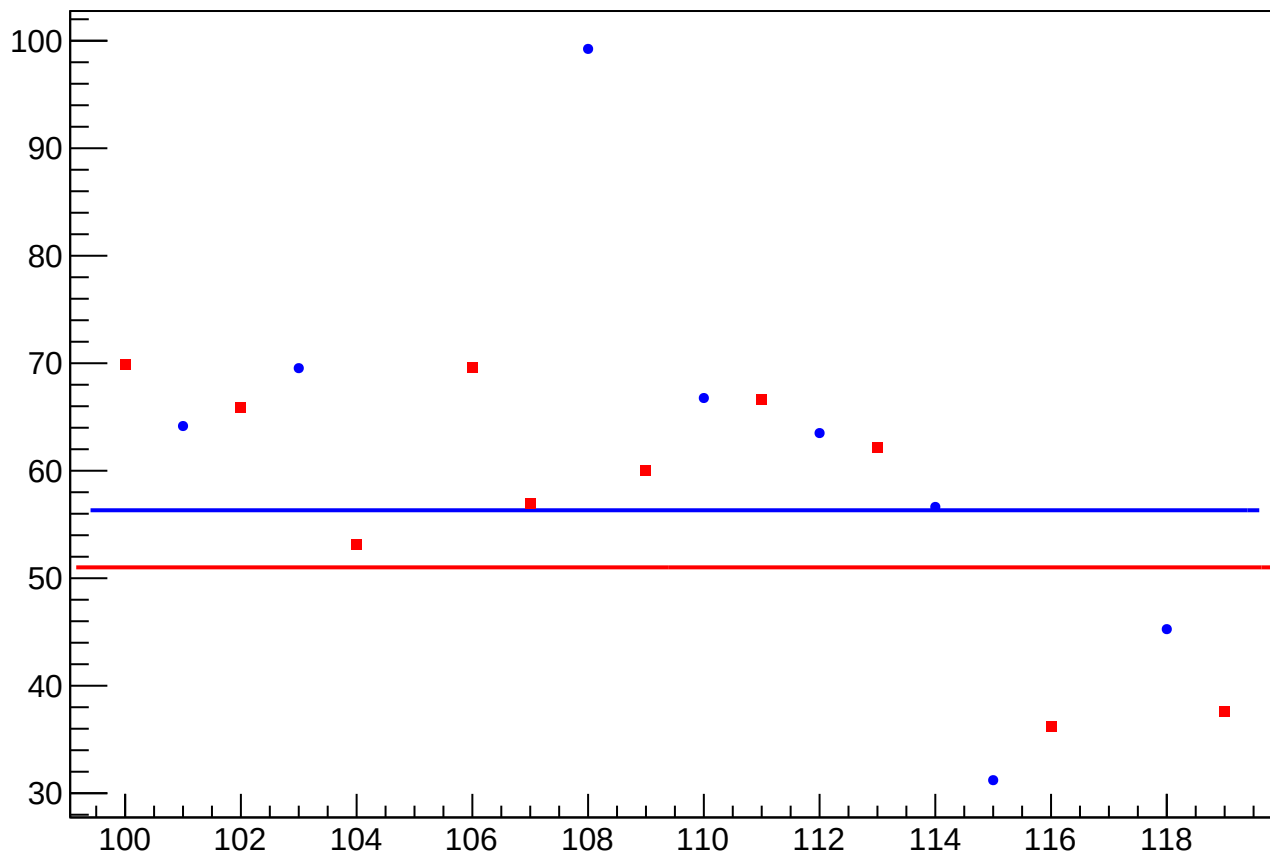
Right: 0.018+/-0.021 χ^2/NDF : 12.0/17

In: -0.003+/-0.033 χ^2/NDF :5.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.018+/-0.021 χ^2/NDF : 12.0/17

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.323+/-0.023 χ^2/NDF : 474105.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.012+/-0.019 χ^2/NDF : 447353.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

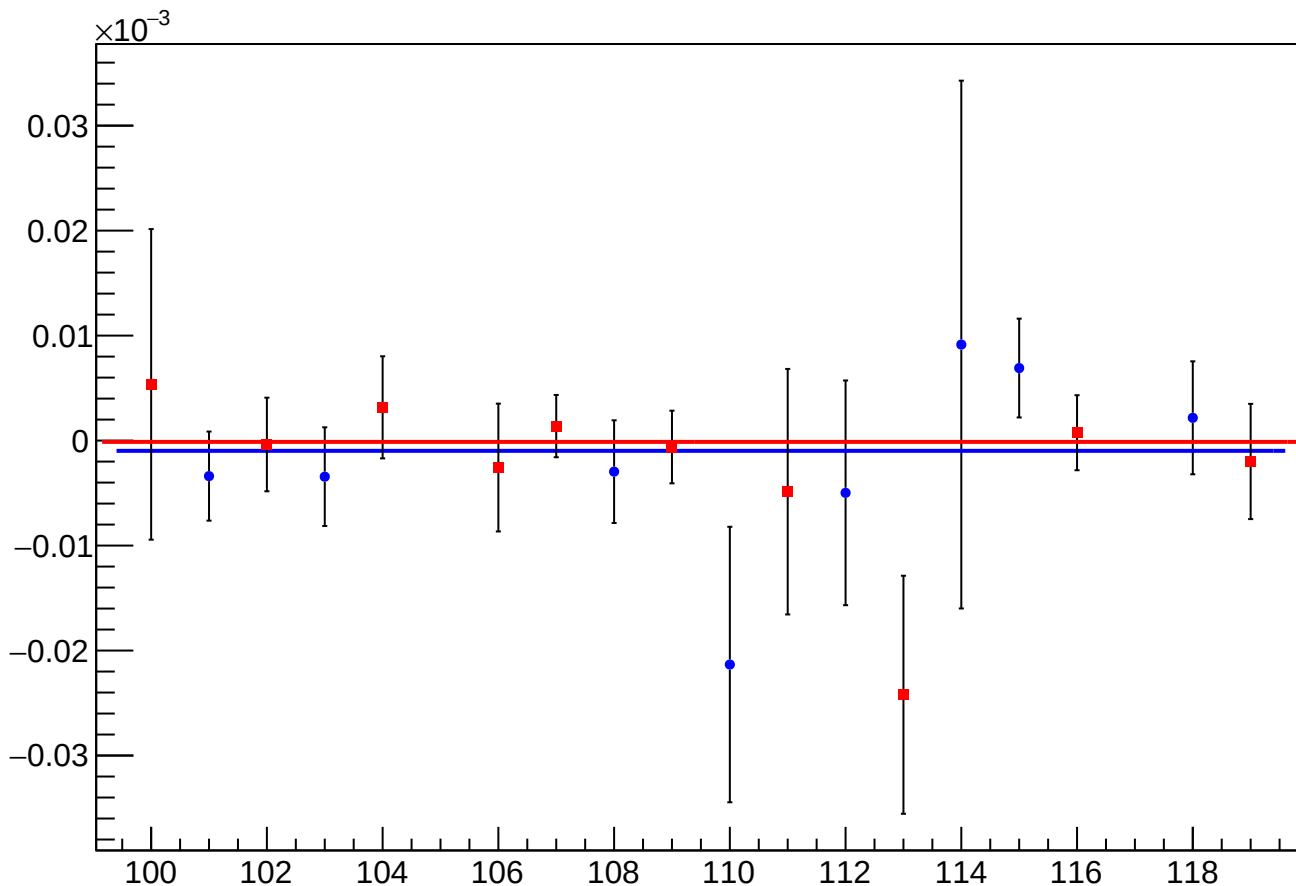
Right: 53.124+/-0.015 χ^2/NDF : 953332.8/17

In: 56.323+/-0.023 χ^2/NDF : 474105.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.124+/-0.015 χ^2/NDF : 953332.8/17

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

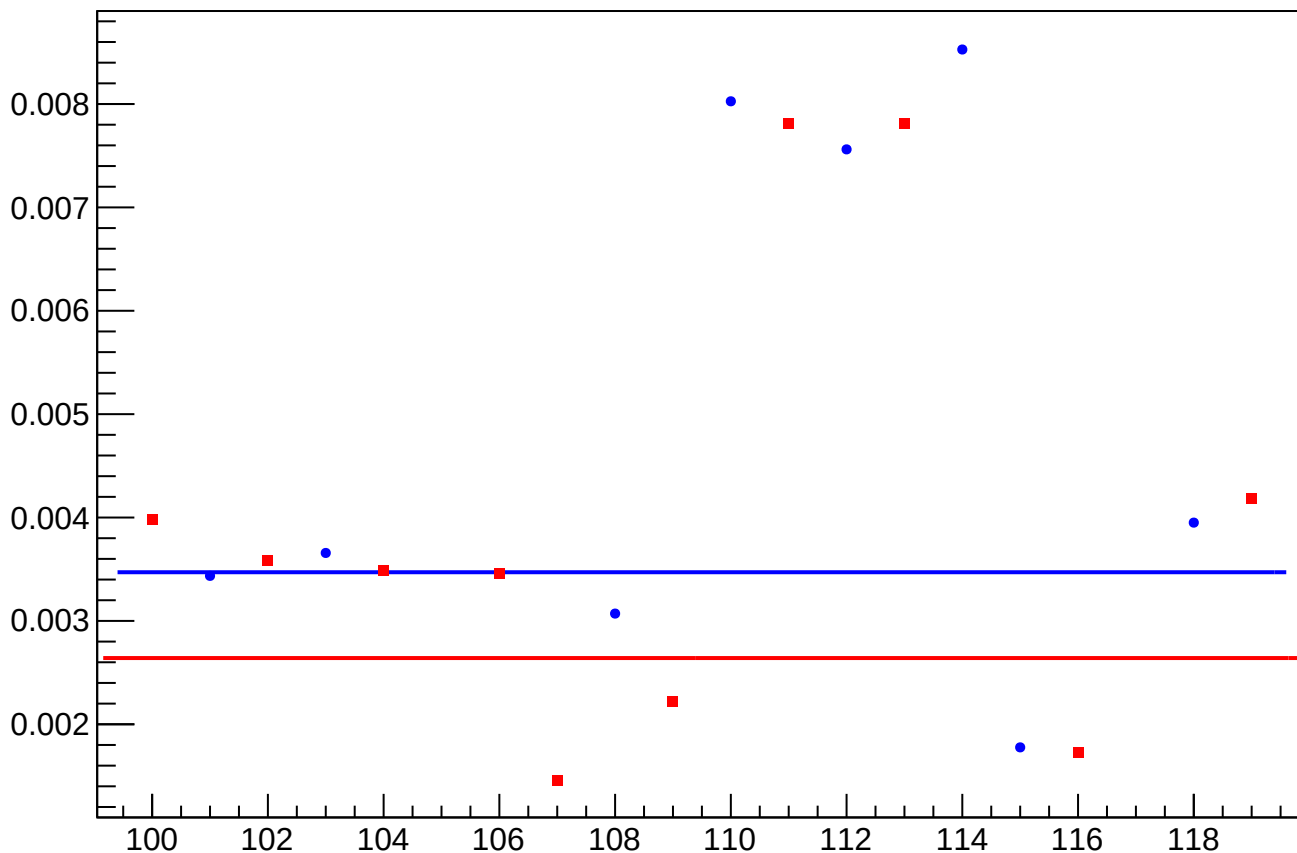
Right: -0.000+/-0.000 χ^2/NDF : 12.6/17

In: -0.000+/-0.000 χ^2/NDF : 6.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.6/17

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 906083.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1648116.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

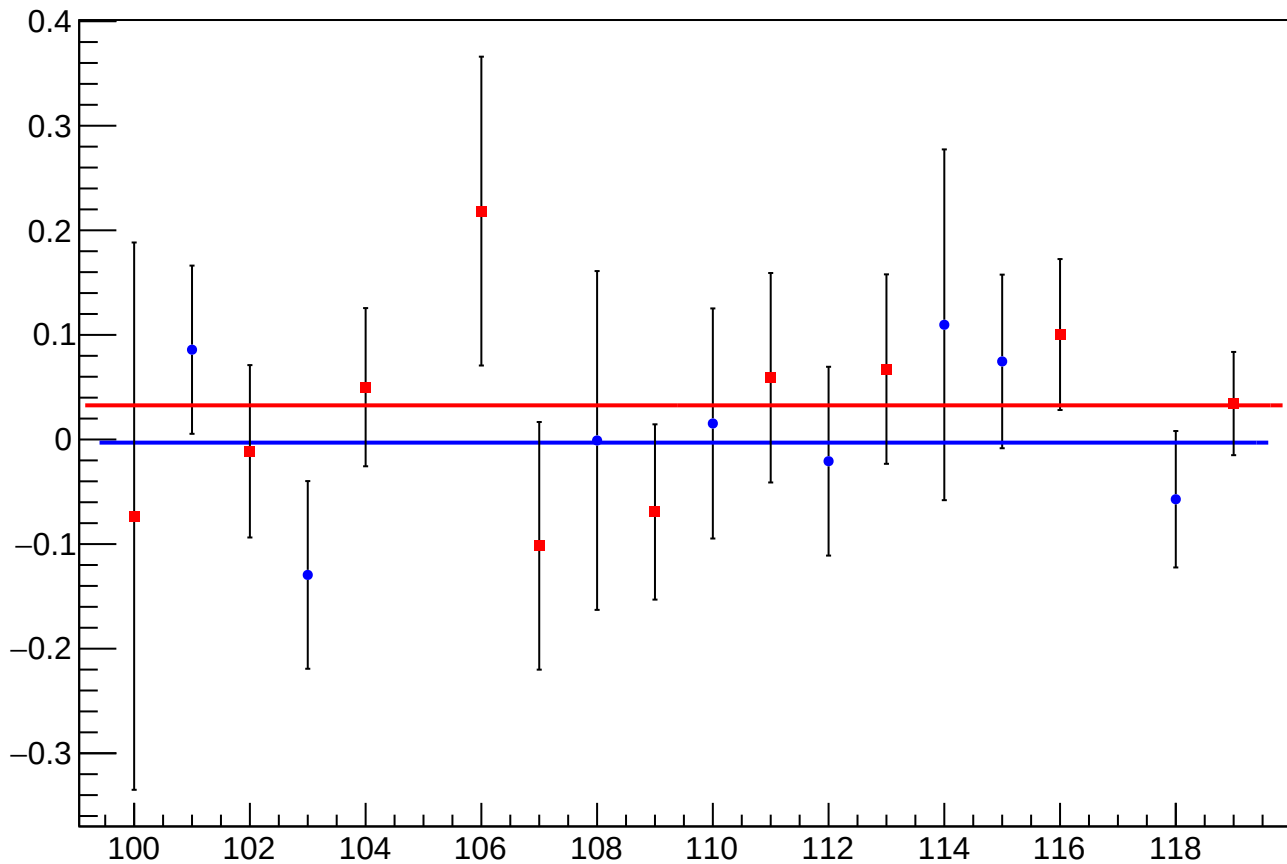
Right: 0.003+/-0.000 χ^2/NDF : 2768611.6/17

In: 0.003+/-0.000 χ^2/NDF : 906083.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2768611.6/17

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

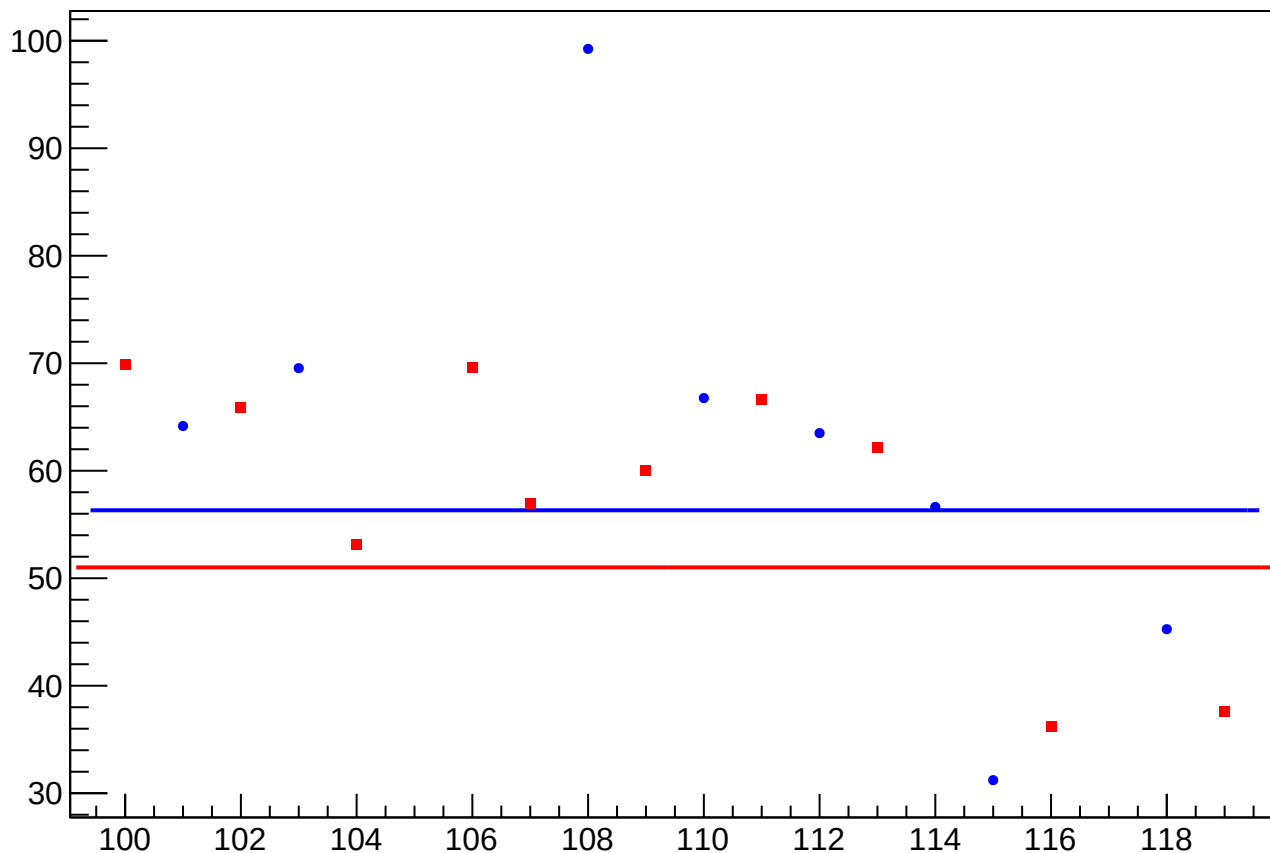
Right: 0.018+/-0.021 χ^2/NDF : 12.0/17

In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.021 χ^2/NDF : 12.0/17

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.321+/-0.023 χ^2/NDF : 474107.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.010+/-0.019 χ^2/NDF : 447363.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

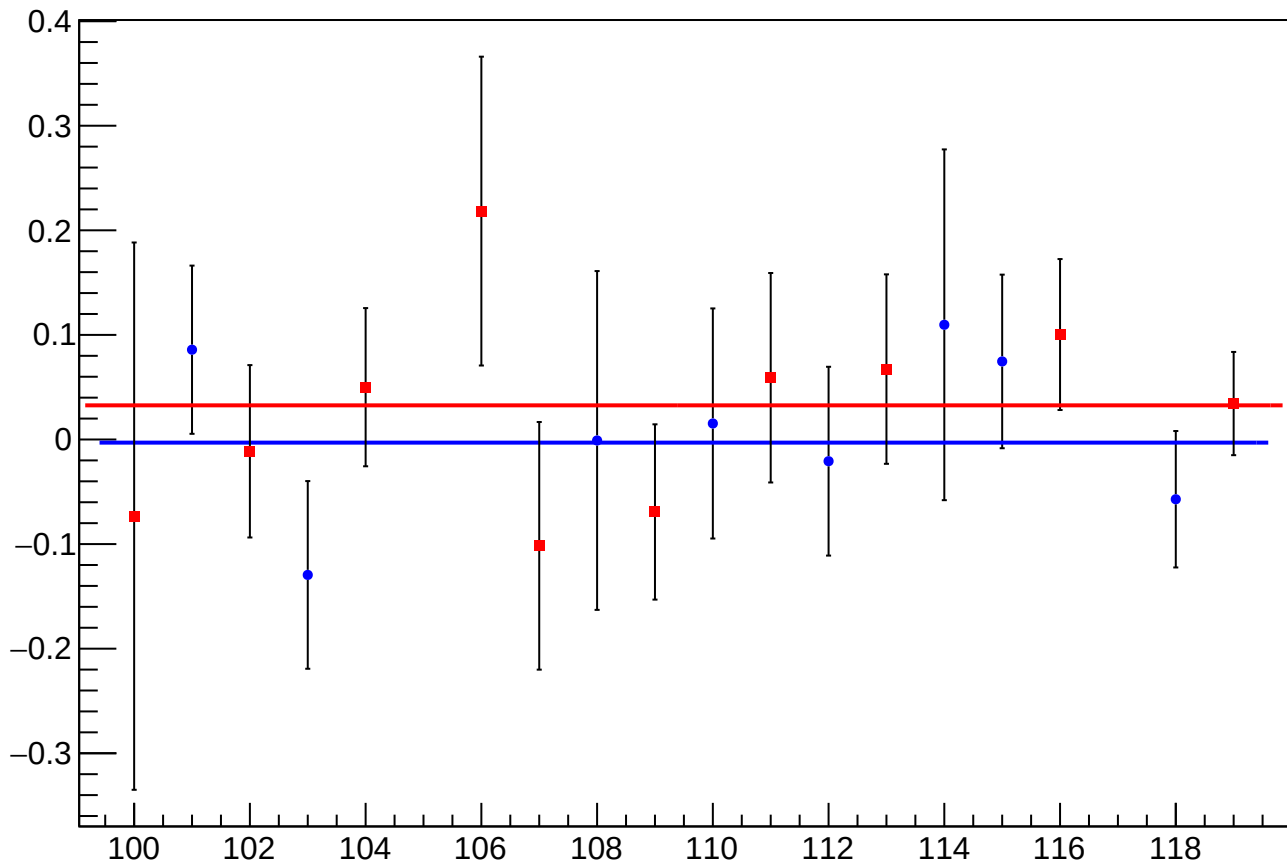
Right: 53.123+/-0.015 χ^2/NDF : 953343.8/17

In: 56.321+/-0.023 χ^2/NDF : 474107.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.123+/-0.015 χ^2/NDF : 953343.8/17

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.033+/-0.027 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

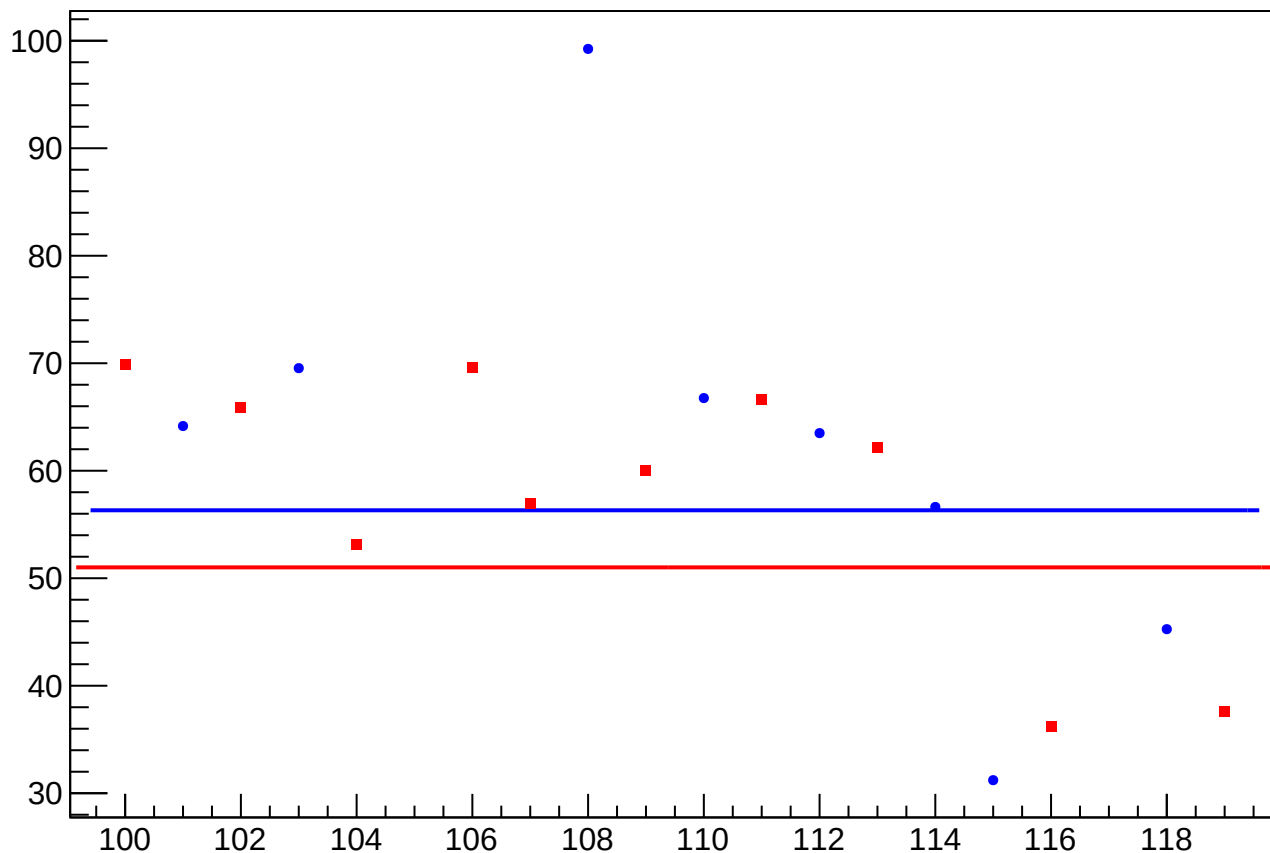
Right: 0.018+/-0.021 χ^2/NDF : 12.0/17

In: -0.003+/-0.033 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.021 χ^2/NDF : 12.0/17

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.321+/-0.023 χ^2/NDF : 474107.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.010+/-0.019 χ^2/NDF : 447363.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

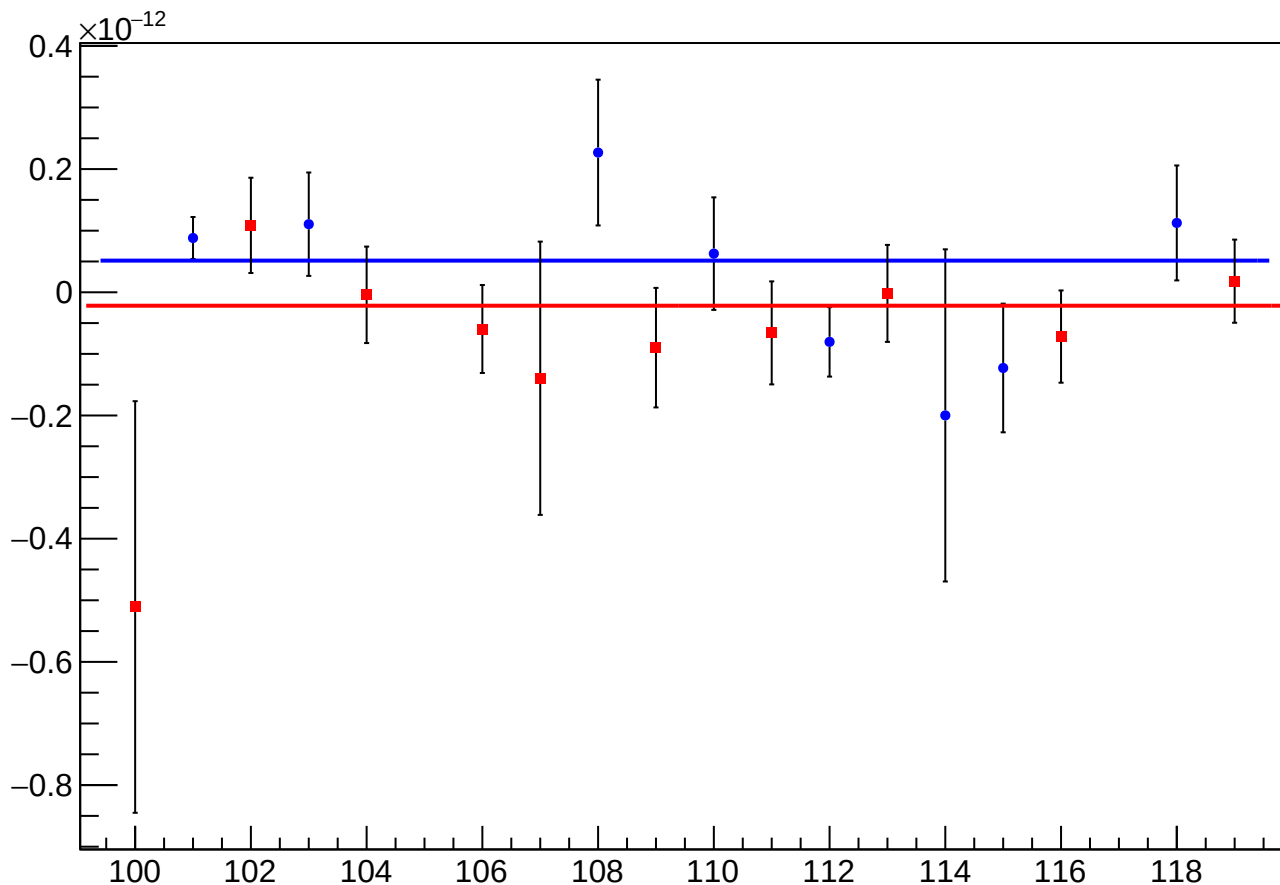
Right: 53.123+/-0.015 χ^2/NDF : 953343.8/17

In: 56.321+/-0.023 χ^2/NDF : 474107.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.123+/-0.015 χ^2/NDF : 953343.8/17

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

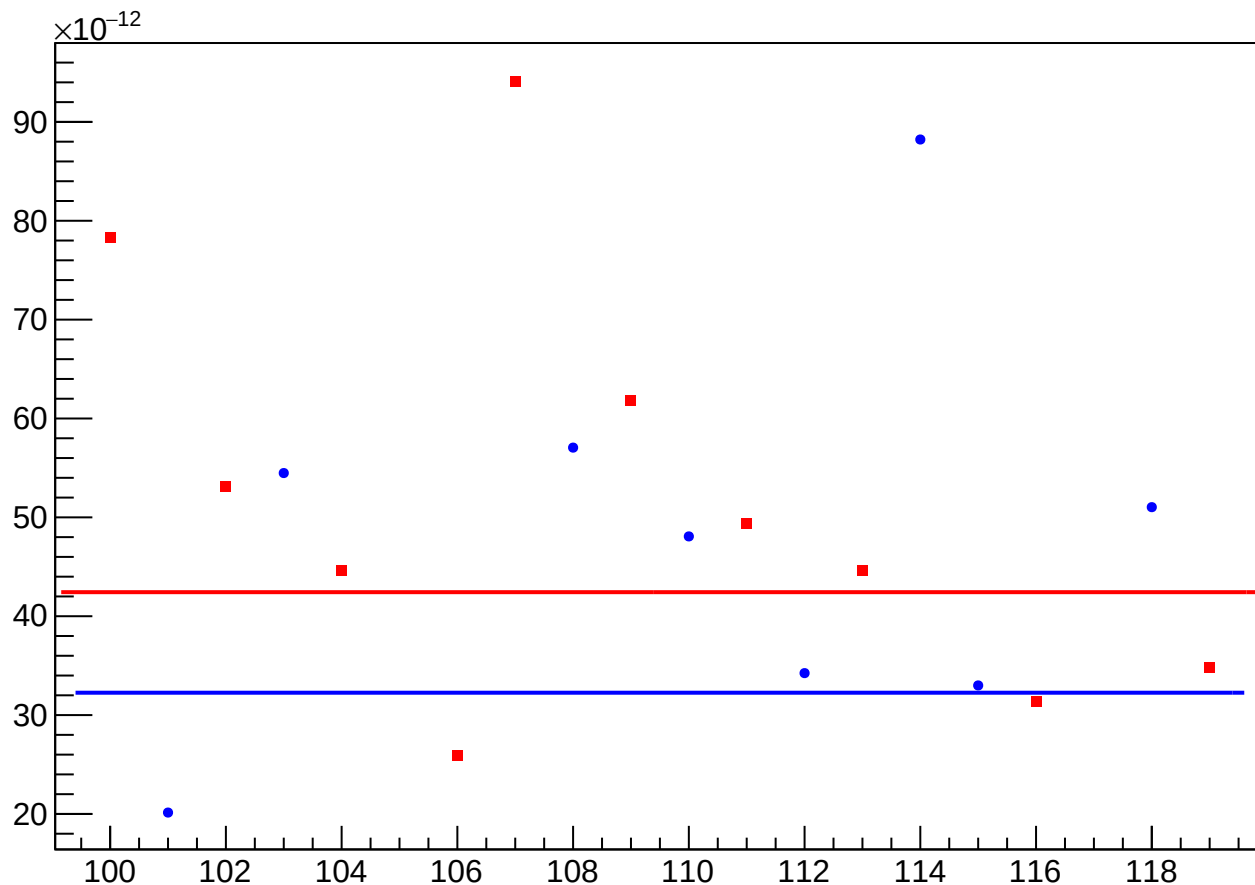
Right: 0.000+/-0.000 χ^2/NDF : 24.7/17

In: 0.000+/-0.000 χ^2/NDF : 13.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.7/17

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 710676.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443364.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

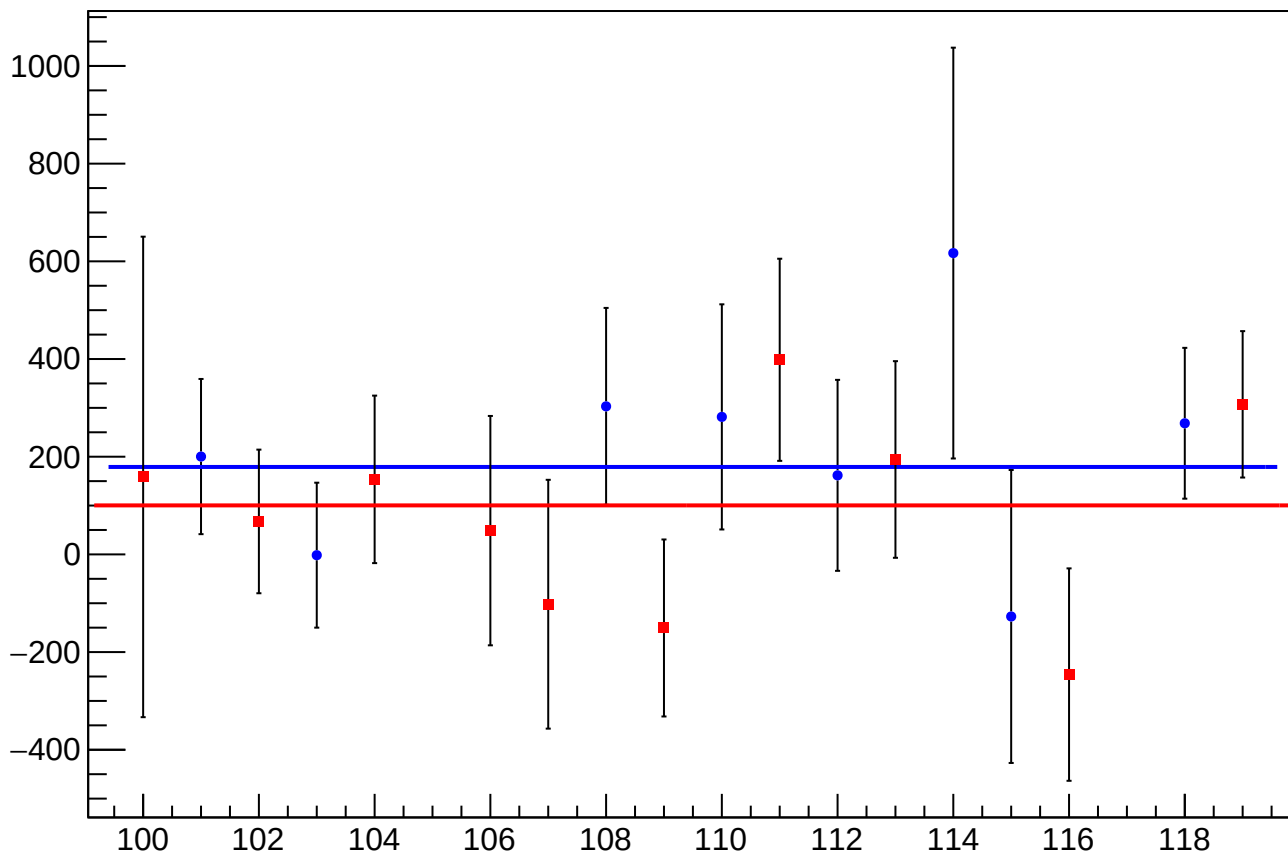
Right: 0.000+/-0.000 χ^2/NDF : 1311788.1/17

In: 0.000+/-0.000 χ^2/NDF : 710676.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1311788.1/17

reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 179.019+/-68.458 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.325+/-61.764 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

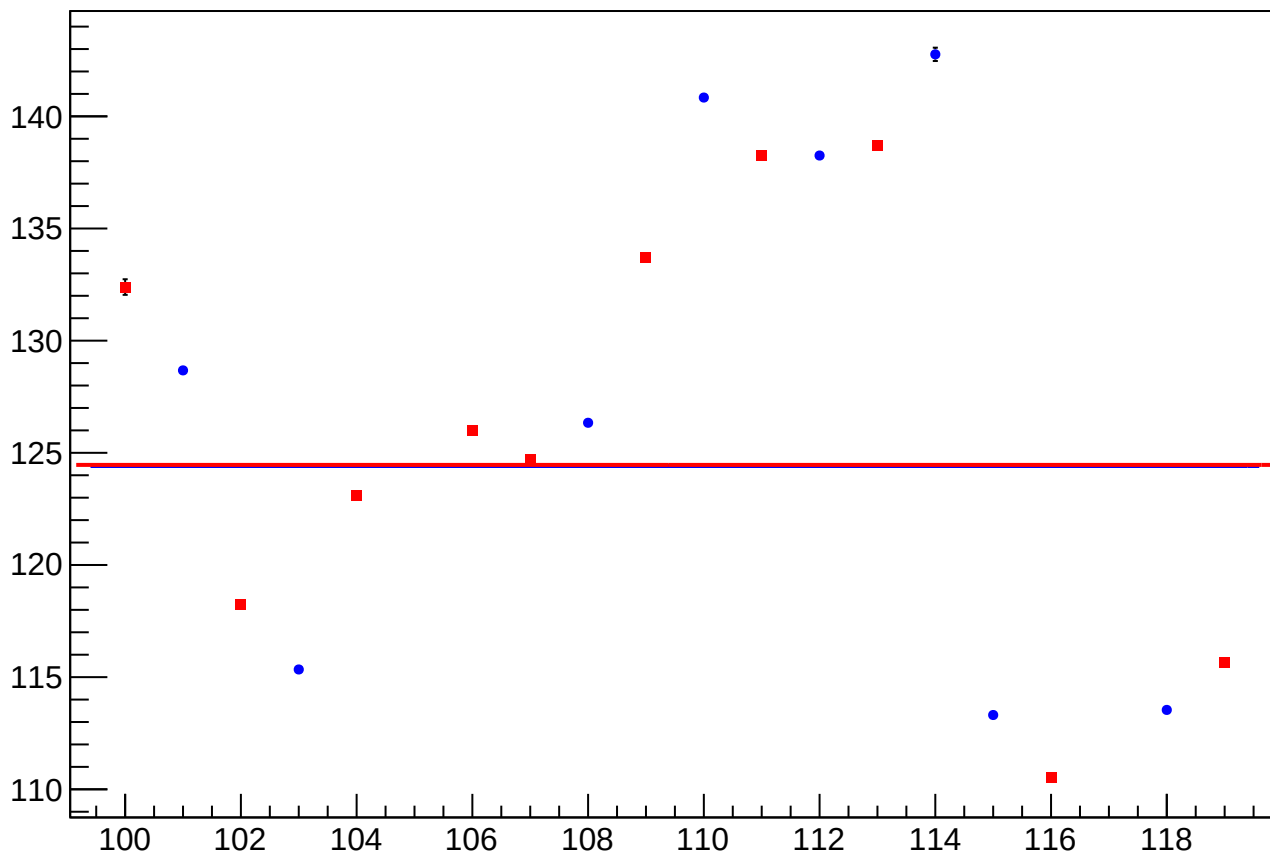
Right: 135.637+/-45.858 χ^2/NDF : 14.8/17

In: 179.019+/-68.458 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.637+/-45.858 χ^2/NDF : 14.8/17

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 124.413+/-0.048 χ^2/NDF : 45745.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.462+/-0.044 χ^2/NDF : 43567.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

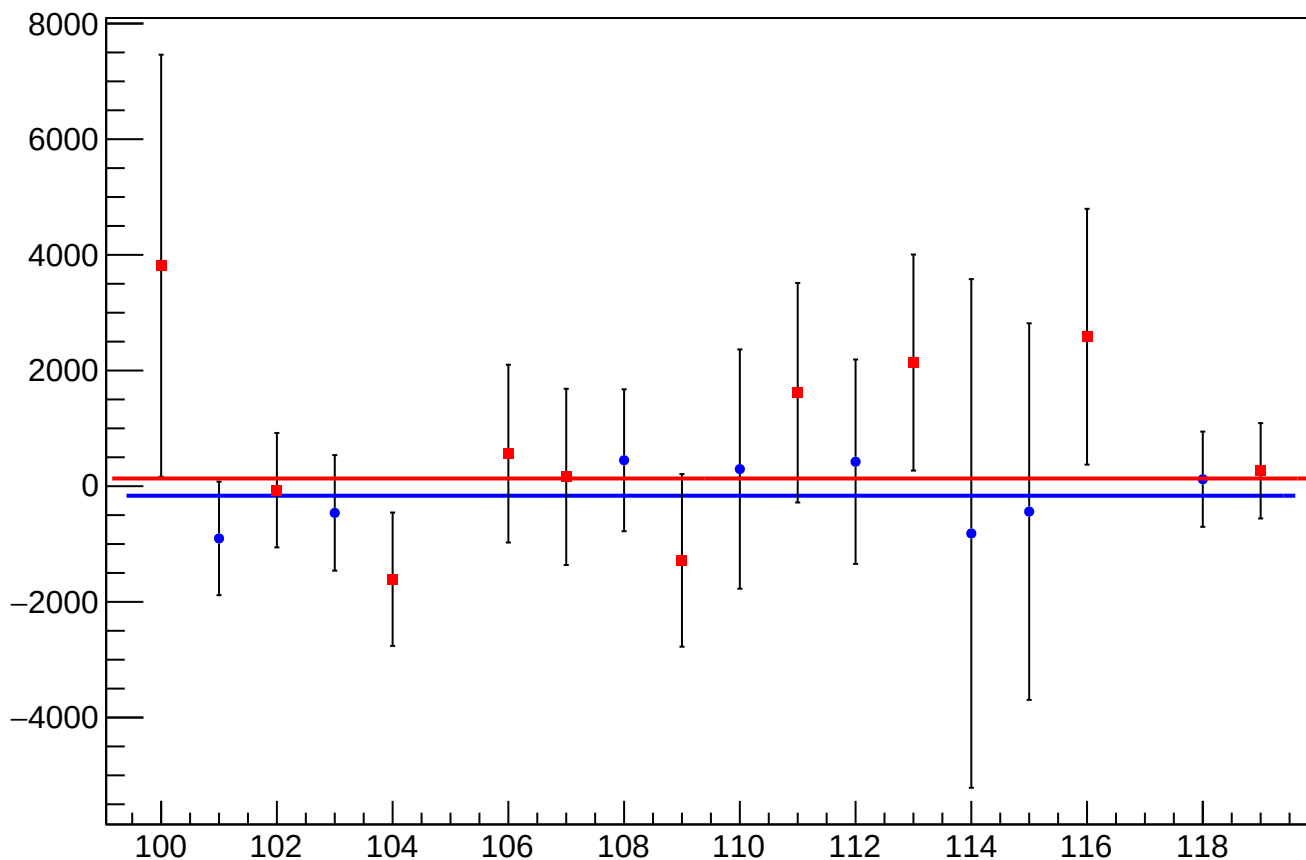
Right: 124.440+/-0.032 χ^2/NDF : 89314.1/17

In: 124.413+/-0.048 χ^2/NDF : 45745.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.440+/-0.032 χ^2/NDF : 89314.1/17

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -164.637+/-452.768 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.410+/-430.626 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

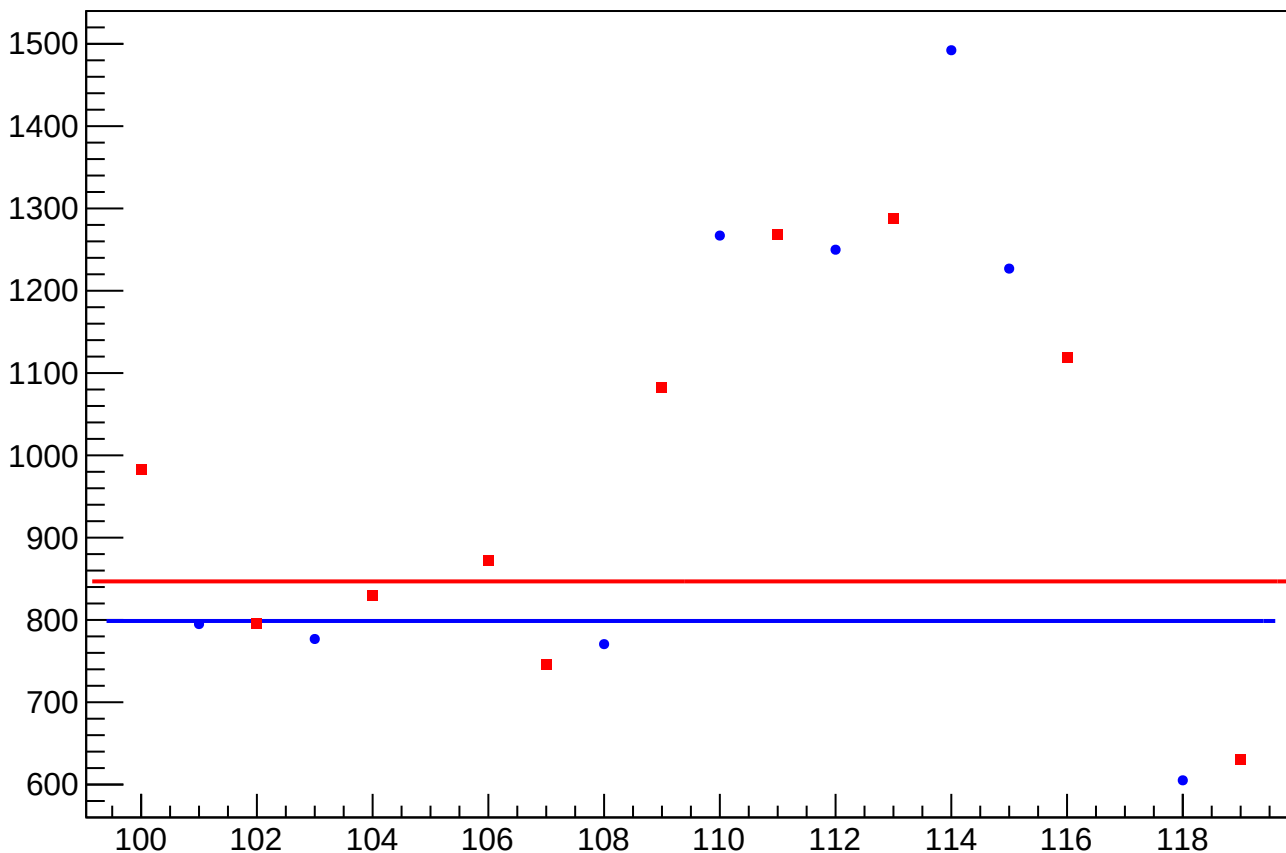
Right: -8.148+/-312.033 χ^2/NDF : 8.8/17

In: -164.637+/-452.768 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.148+/-312.033 χ^2/NDF : 8.8/17

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 798.751+/-0.320 χ^2/NDF : 429691.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 846.840+/-0.304 χ^2/NDF : 445104.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

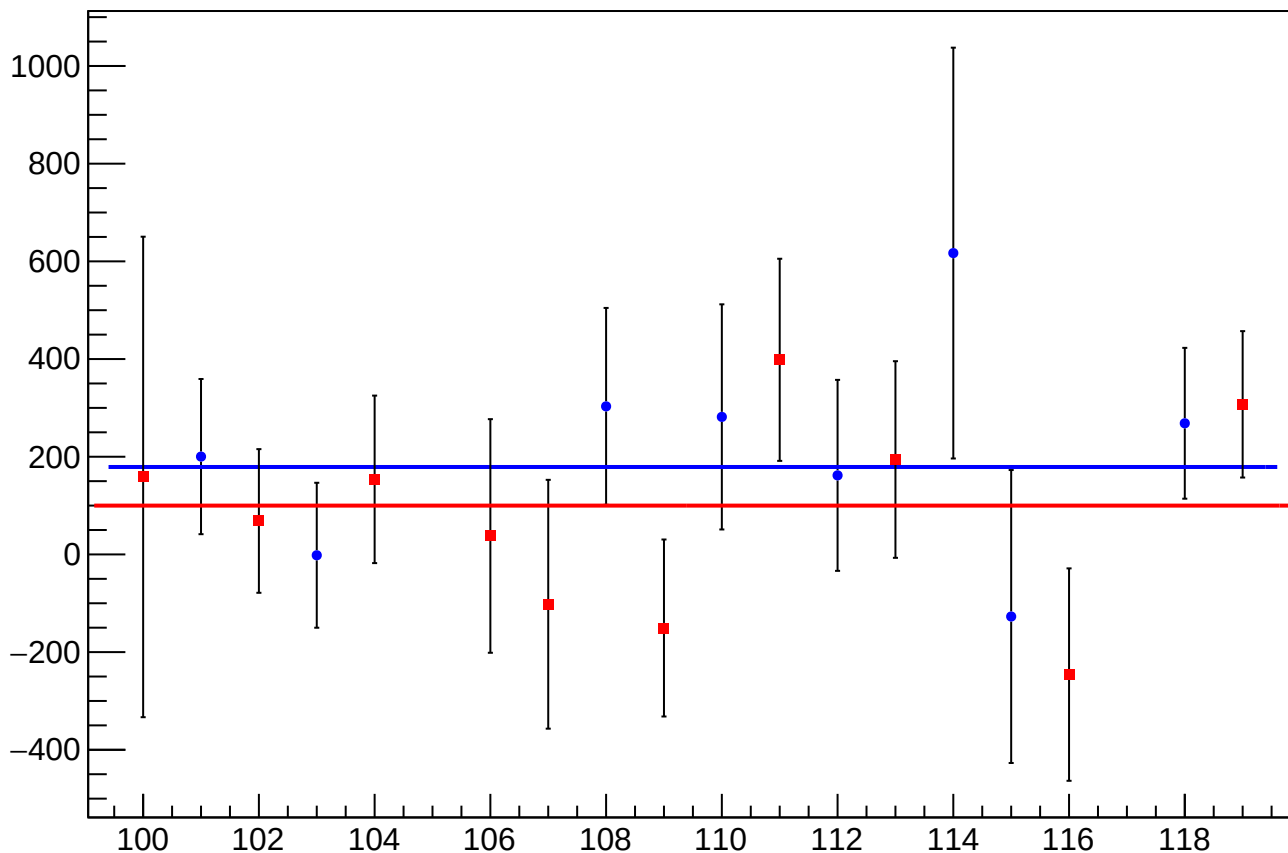
Right: 824.000+/-0.221 χ^2/NDF : 886642.6/17

In: 798.751+/-0.320 χ^2/NDF : 429691.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 824.000+/-0.221 χ^2/NDF : 886642.6/17

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 179.011 $\pm$ 68.458 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.941 $\pm$ 61.845 χ^2 /NDF: 9.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

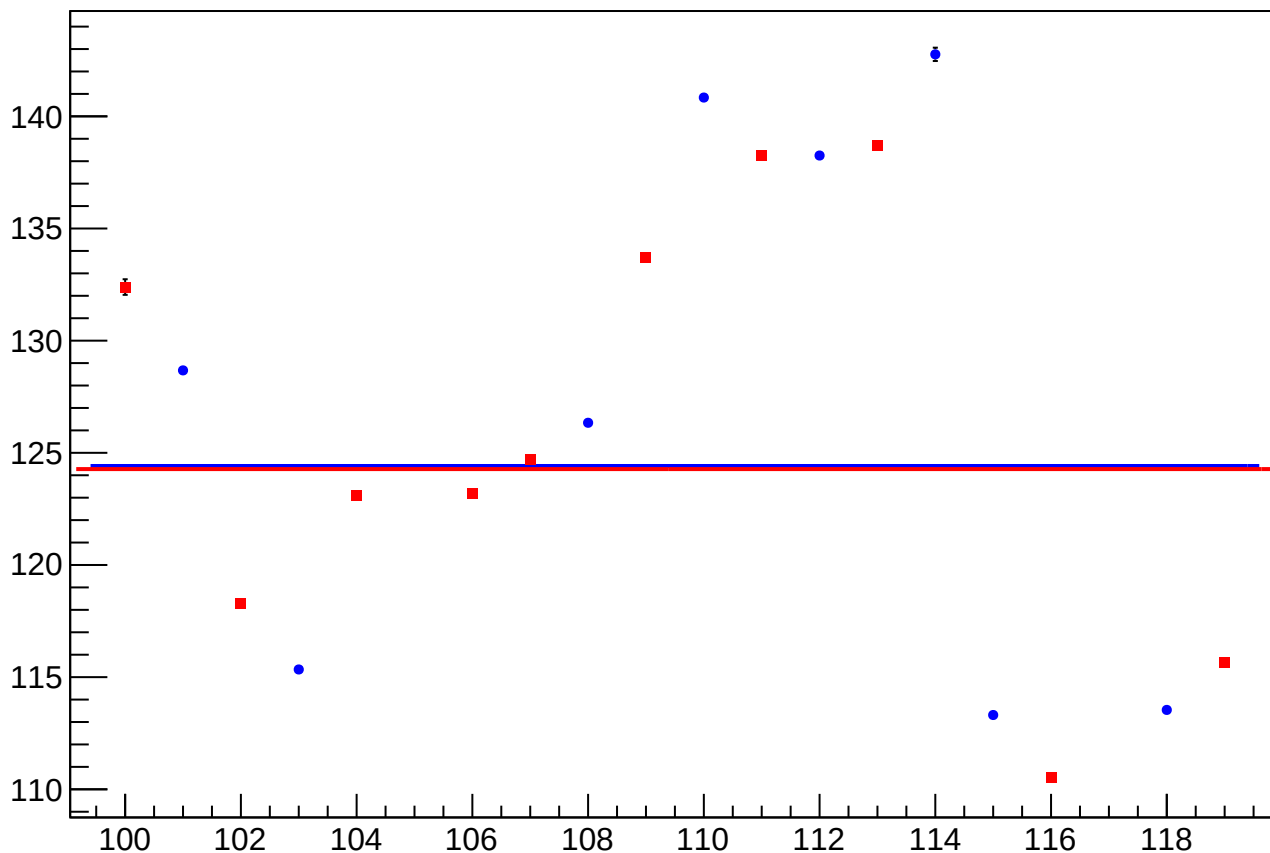
Right: 135.473 $\pm$ 45.891 χ^2 /NDF: 14.8/17

In: 179.011 $\pm$ 68.458 χ^2 /NDF: 4.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.473 $\pm$ 45.891 χ^2 /NDF: 14.8/17

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 124.413+/-0.048 χ^2/NDF : 45745.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.275+/-0.044 χ^2/NDF : 43473.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

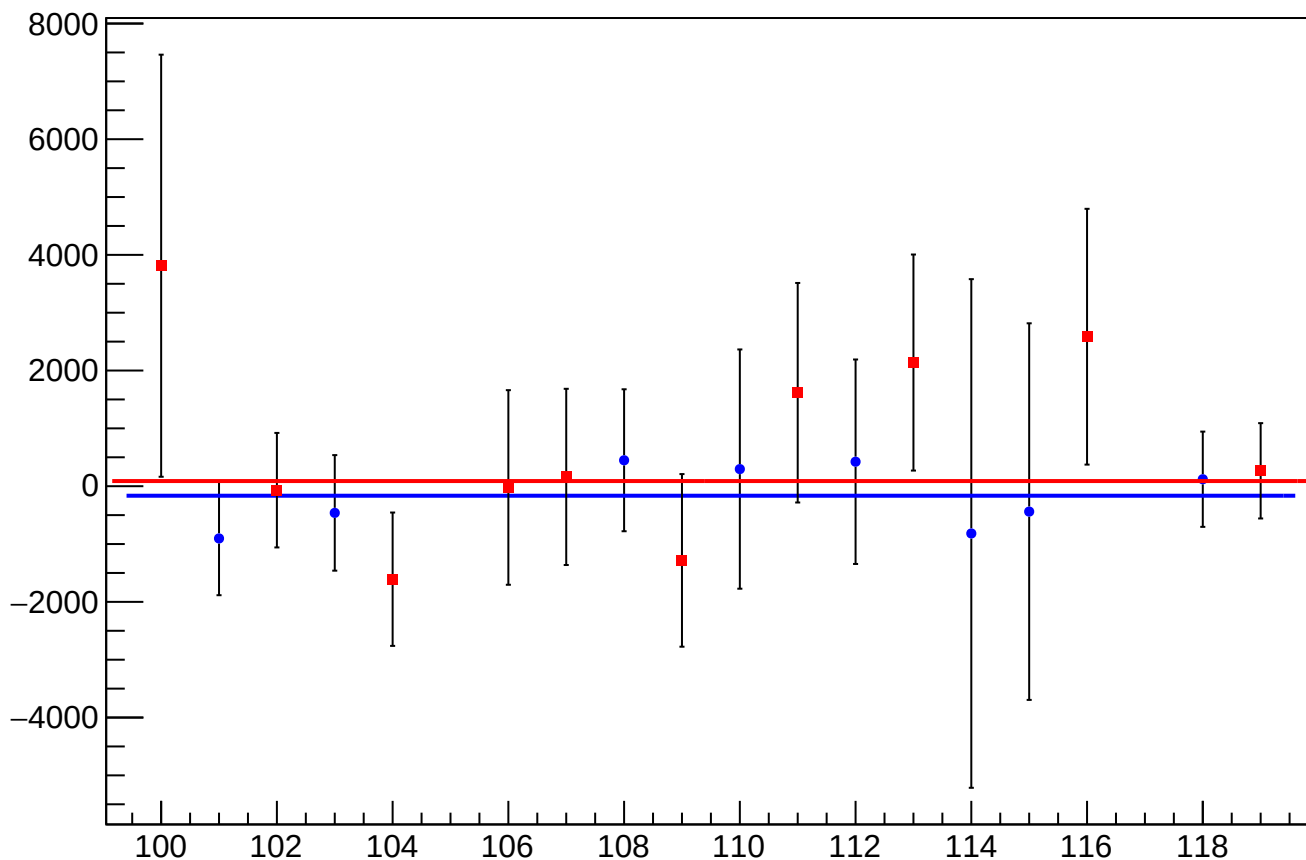
Right: 124.337+/-0.032 χ^2/NDF : 89223.6/17

In: 124.413+/-0.048 χ^2/NDF : 45745.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.337+/-0.032 χ^2/NDF : 89223.6/17

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.591+/-452.770 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.067+/-433.496 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

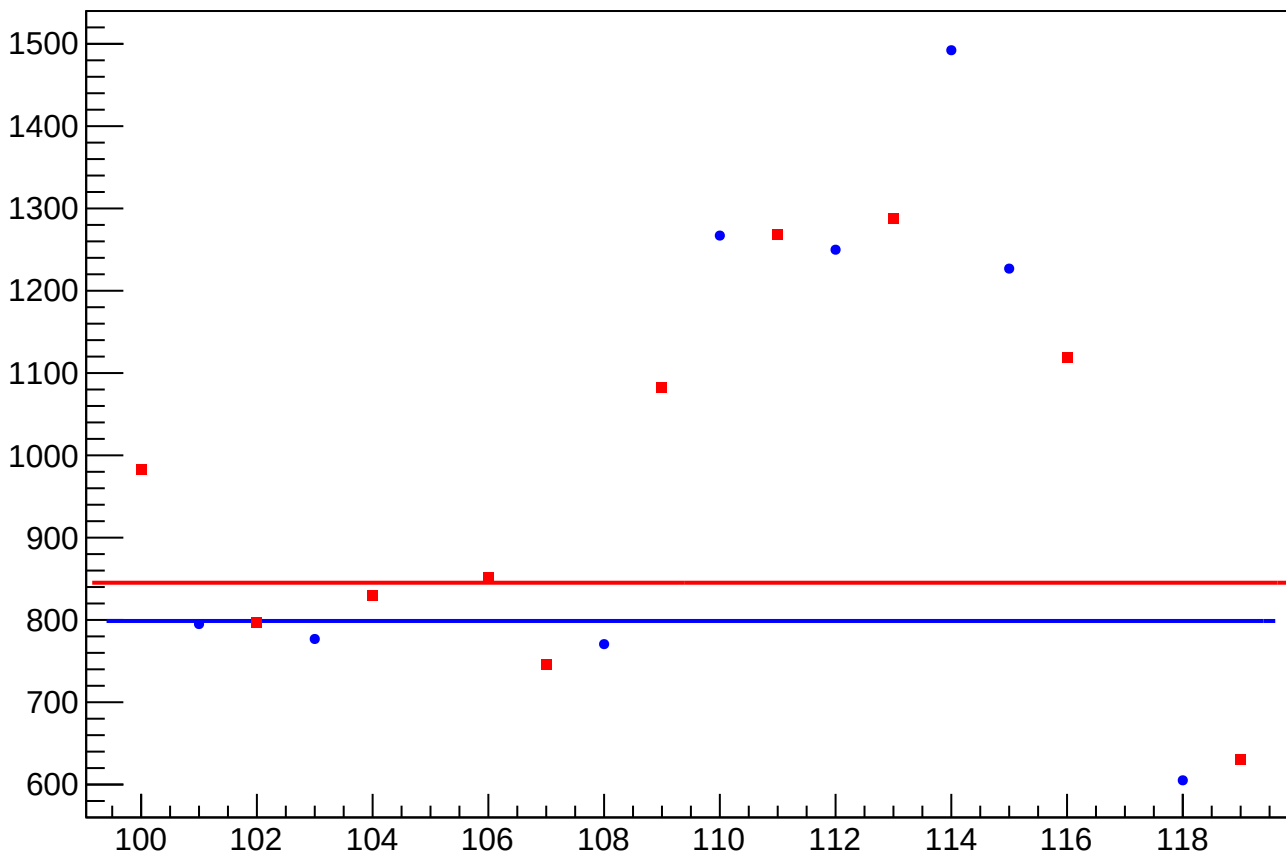
Right: -32.248+/-313.120 χ^2/NDF : 8.6/17

In: -164.591+/-452.770 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.248+/-313.120 χ^2/NDF : 8.6/17

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.754+/-0.320 χ^2/NDF : 429696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 845.223+/-0.307 χ^2/NDF : 444421.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

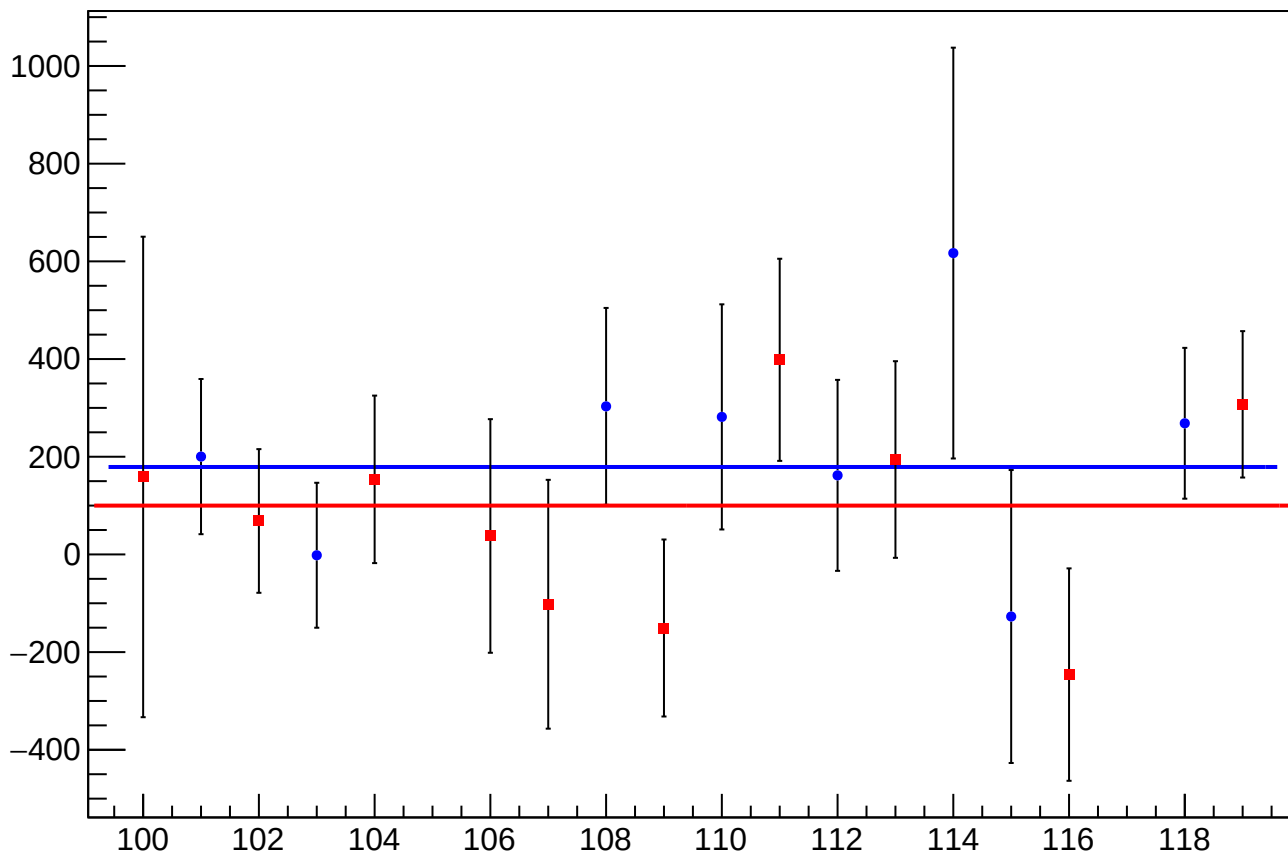
Right: 822.998+/-0.221 χ^2/NDF : 885108.9/17

In: 798.754+/-0.320 χ^2/NDF : 429696.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.998+/-0.221 χ^2/NDF : 885108.9/17

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 179.011+/-68.458 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.941+/-61.845 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

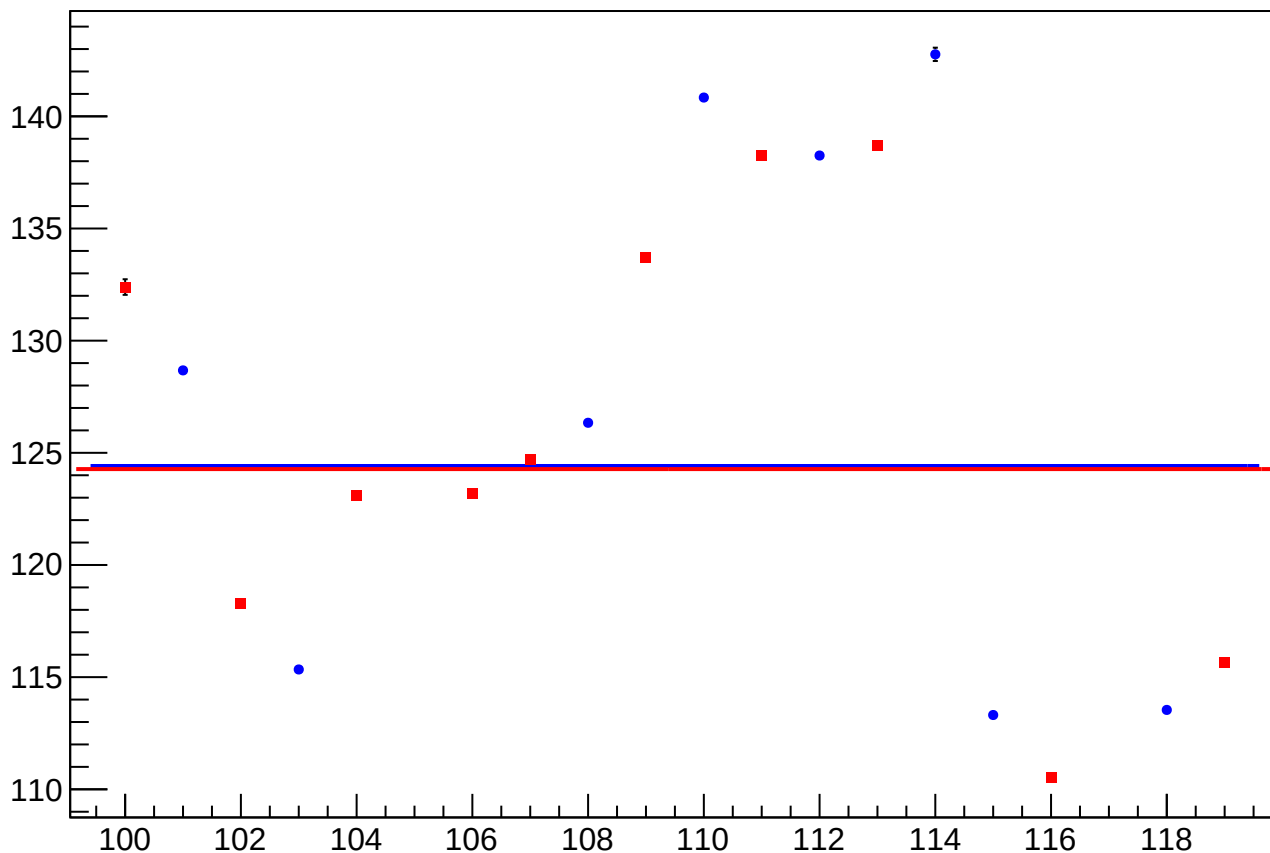
Right: 135.473+/-45.891 χ^2/NDF : 14.8/17

In: 179.011+/-68.458 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.473+/-45.891 χ^2/NDF : 14.8/17

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 124.413 $\pm$ 0.048 χ^2 /NDF: 45745.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 124.275 $\pm$ 0.044 χ^2 /NDF: 43473.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

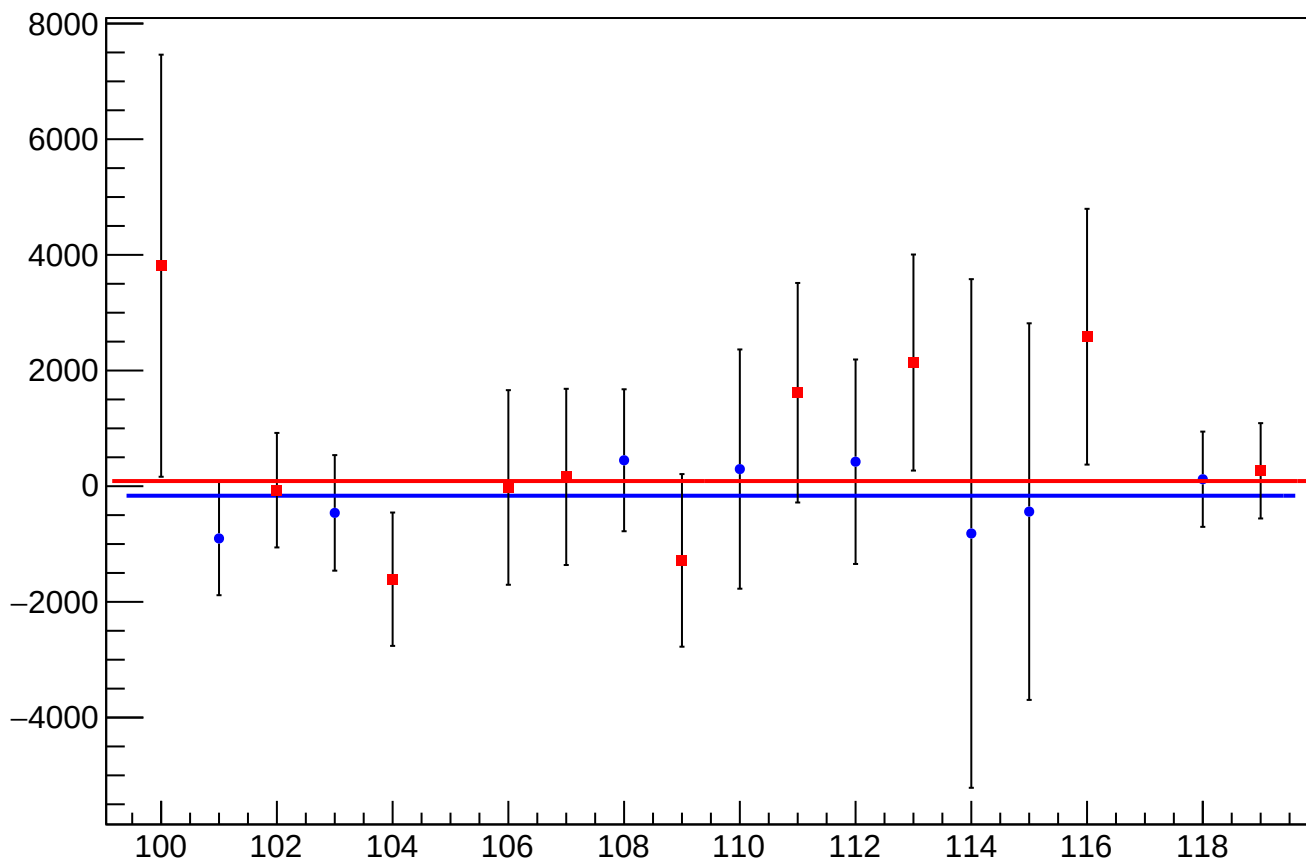
Right: 124.337 $\pm$ 0.032 χ^2 /NDF: 89223.6/17

In: 124.413 $\pm$ 0.048 χ^2 /NDF:45745.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 124.337 $\pm$ 0.032 χ^2 /NDF: 89223.6/17

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -164.591+/-452.770 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.067+/-433.496 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

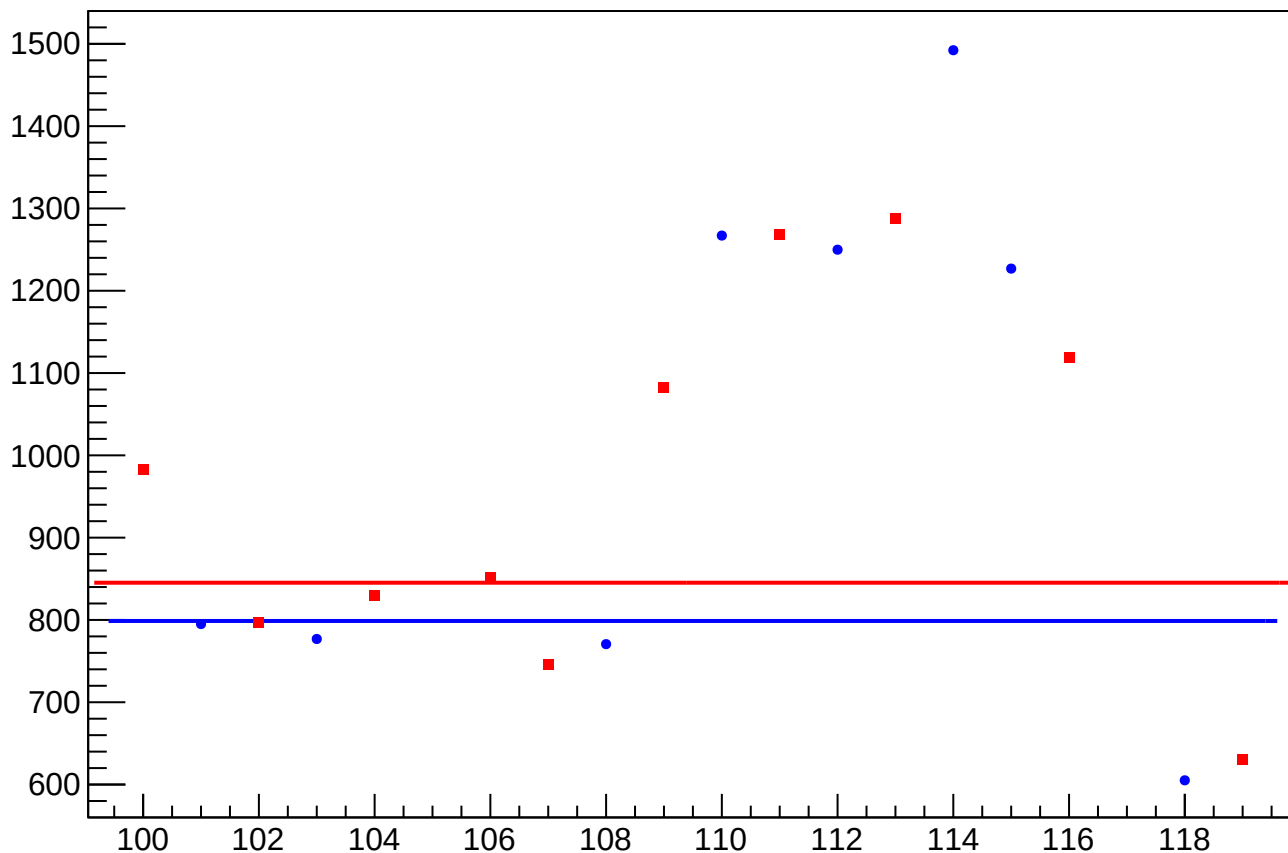
Right: -32.248+/-313.120 χ^2/NDF : 8.6/17

In: -164.591+/-452.770 χ^2/NDF : 1.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.248+/-313.120 χ^2/NDF : 8.6/17

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 798.754+/-0.320 χ^2/NDF : 429696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 845.223+/-0.307 χ^2/NDF : 444421.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

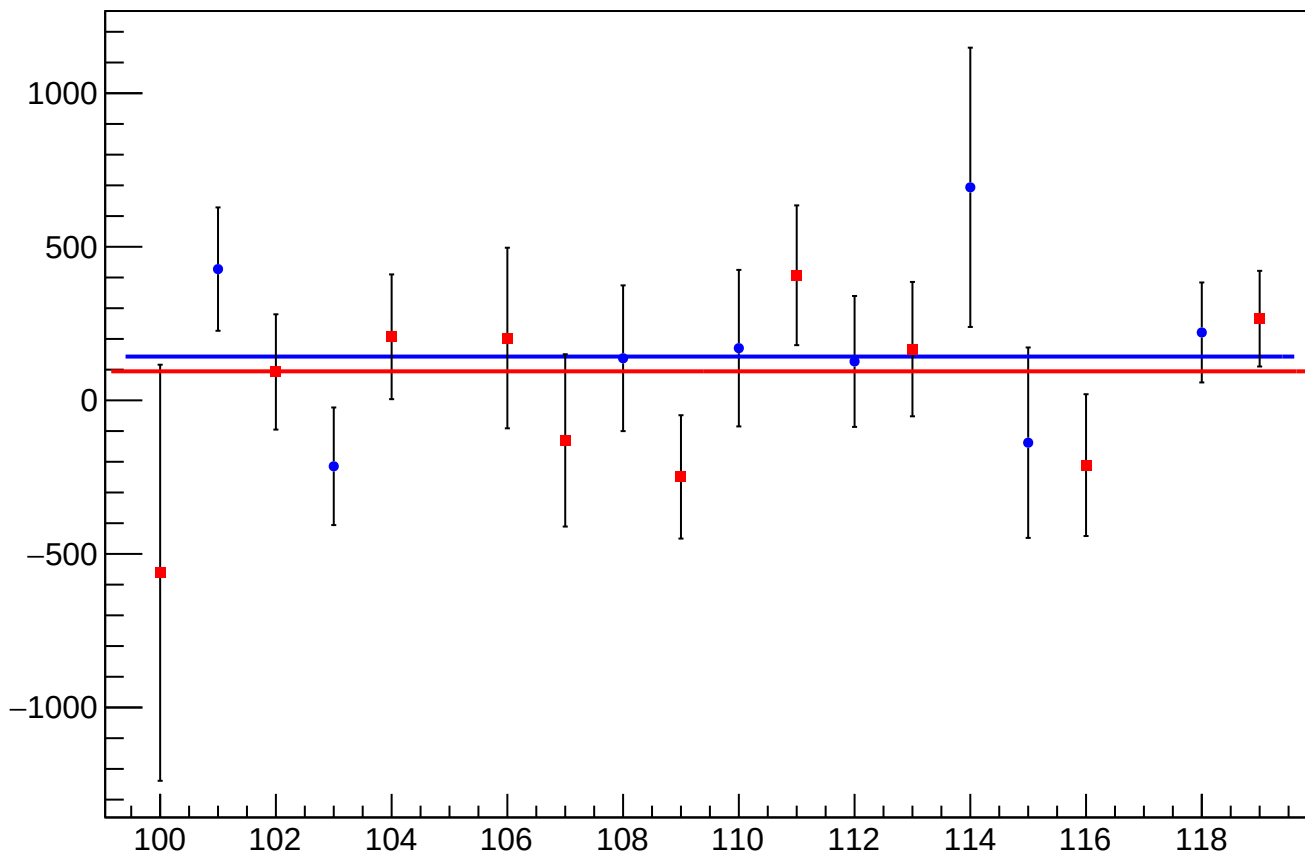
Right: 822.998+/-0.221 χ^2/NDF : 885108.9/17

In: 798.754+/-0.320 χ^2/NDF : 429696.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 822.998+/-0.221 χ^2/NDF : 885108.9/17

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 142.588 $\pm$ 78.997 χ^2 /NDF: 8.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.520 $\pm$ 69.998 χ^2 /NDF: 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

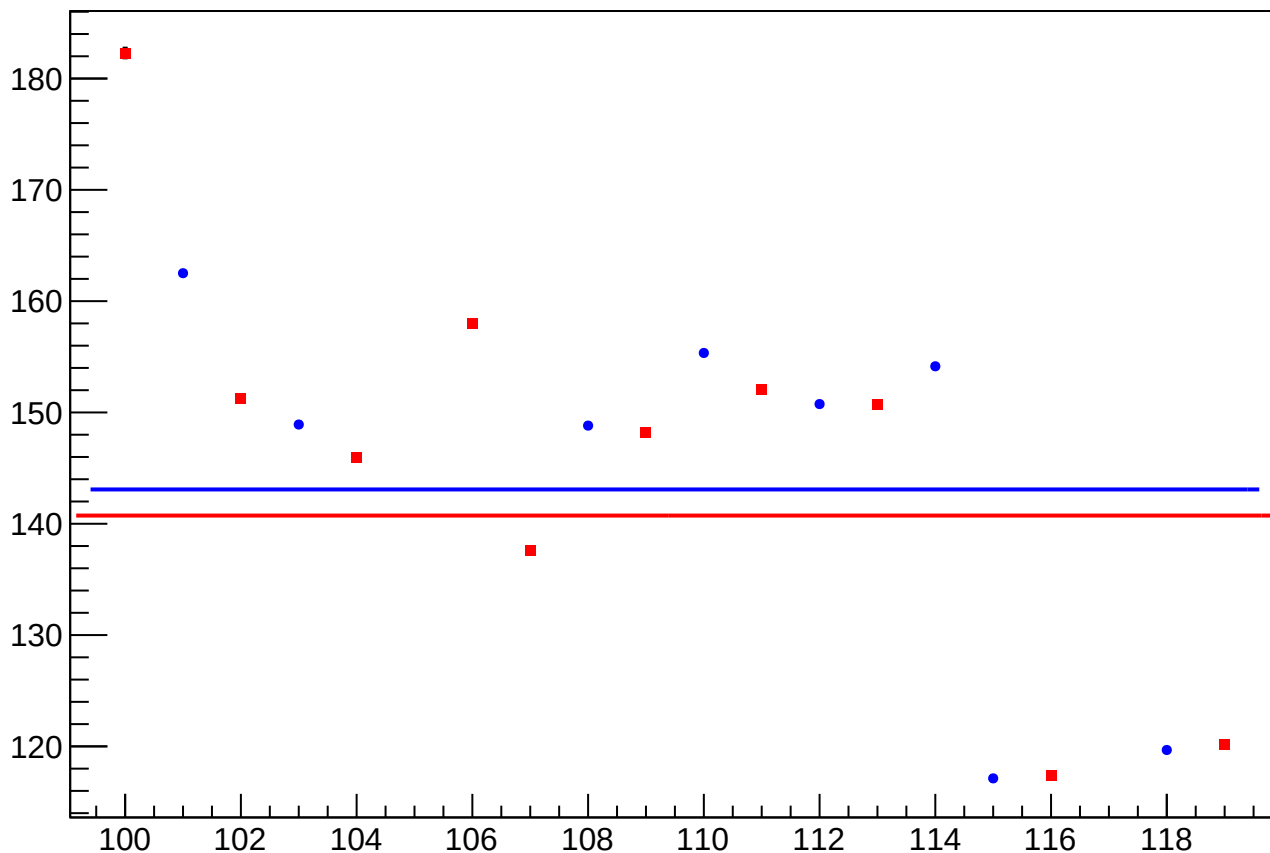
Right: 115.661 $\pm$ 52.390 χ^2 /NDF: 18.2/17

In: 142.588 $\pm$ 78.997 χ^2 /NDF:8.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.661 $\pm$ 52.390 χ^2 /NDF: 18.2/17

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 143.083+/-0.056 χ^2/NDF : 85539.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.737+/-0.049 χ^2/NDF : 89491.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

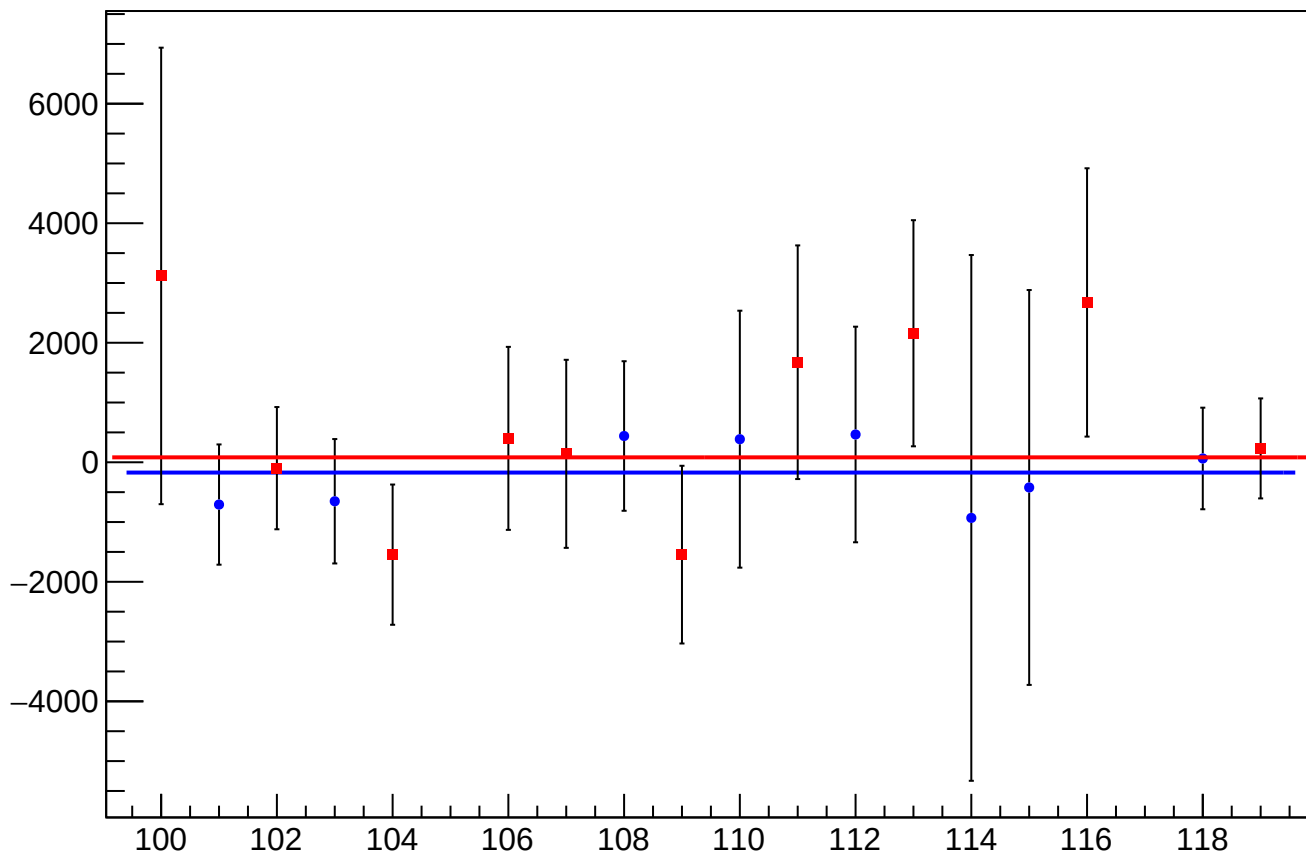
Right: 141.769+/-0.037 χ^2/NDF : 176020.6/17

In: 143.083+/-0.056 χ^2/NDF : 85539.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.769+/-0.037 χ^2/NDF : 176020.6/17

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.139+/-466.200 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.449+/-438.452 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

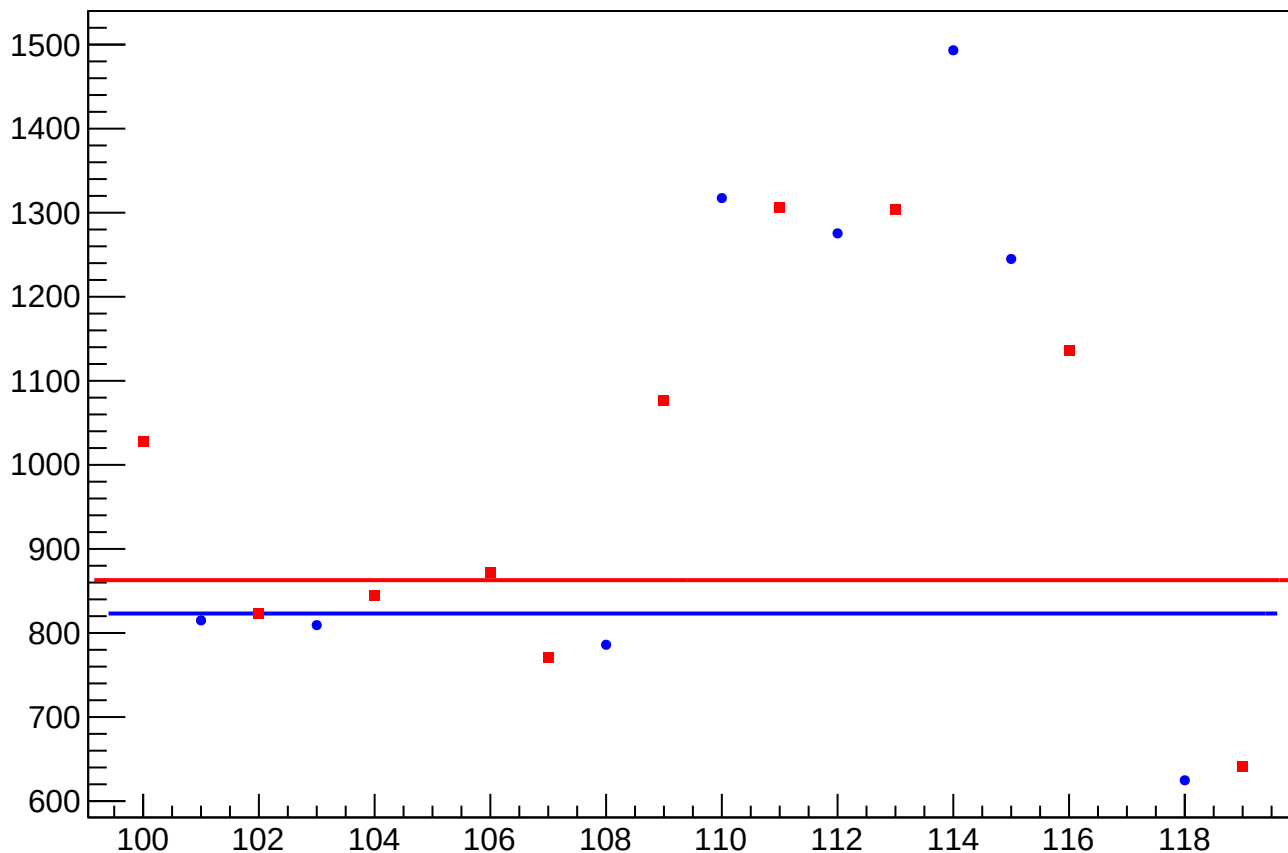
Right: -37.043+/-319.392 χ^2/NDF : 8.3/17

In: -172.139+/-466.200 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.043+/-319.392 χ^2/NDF : 8.3/17

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 823.162+/-0.330 χ^2/NDF : 421652.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.864+/-0.310 χ^2/NDF : 437276.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

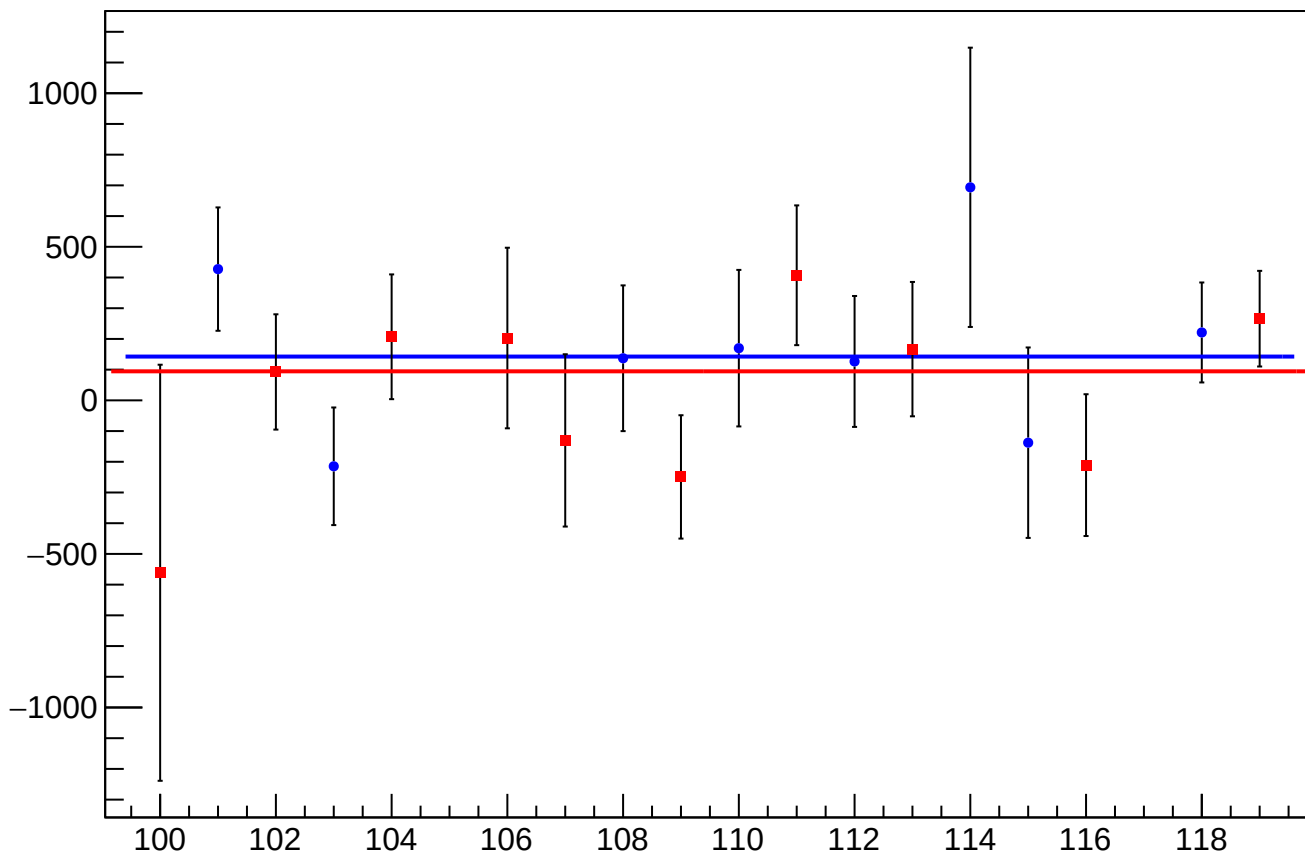
Right: 844.230+/-0.226 χ^2/NDF : 866625.2/17

In: 823.162+/-0.330 χ^2/NDF : 421652.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.230+/-0.226 χ^2/NDF : 866625.2/17

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 142.585 $\pm$ 78.996 χ^2 /NDF: 8.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 94.519 $\pm$ 69.998 χ^2 /NDF: 9.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

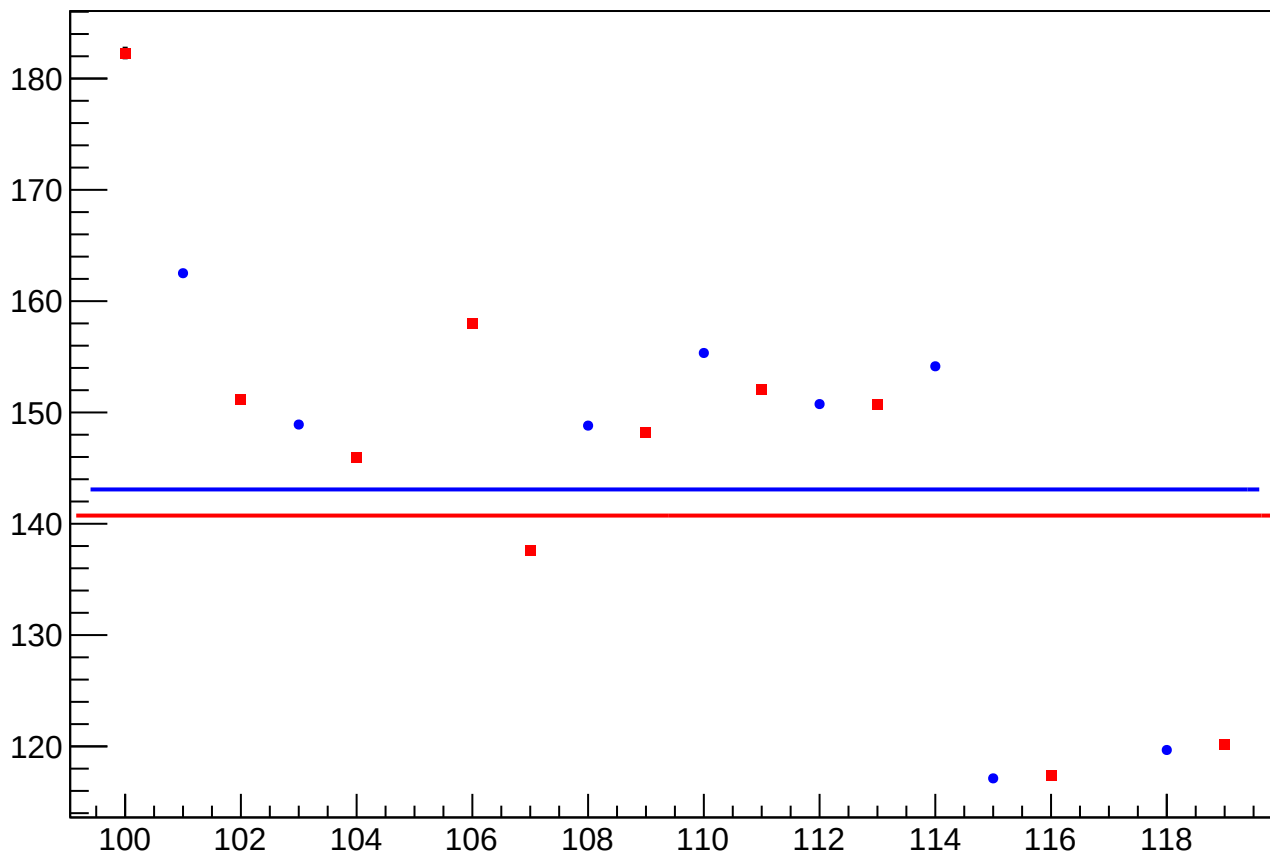
Right: 115.660 $\pm$ 52.390 χ^2 /NDF: 18.2/17

In: 142.585 $\pm$ 78.996 χ^2 /NDF:8.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 115.660 $\pm$ 52.390 χ^2 /NDF: 18.2/17

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 143.083+/-0.056 χ^2/NDF : 85535.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.736+/-0.049 χ^2/NDF : 89486.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

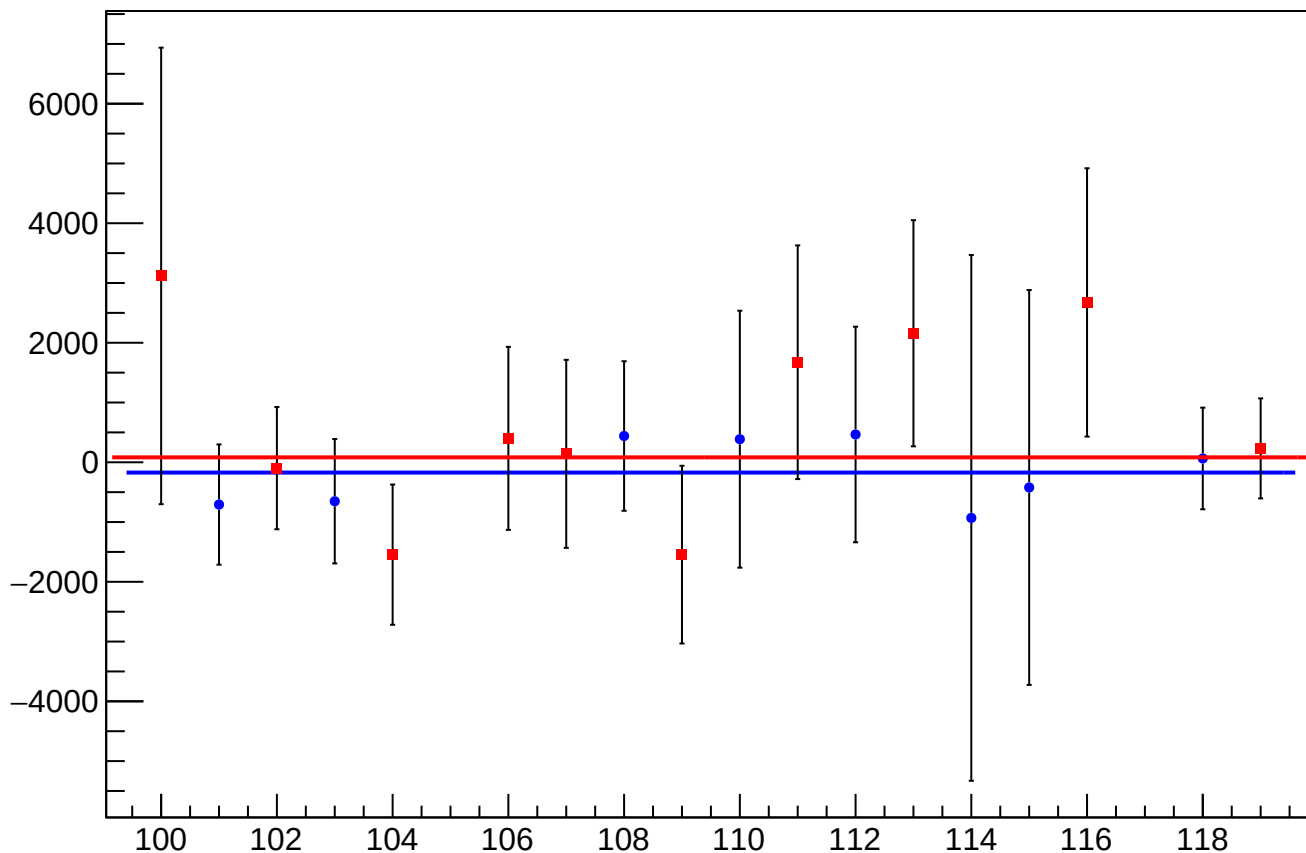
Right: 141.769+/-0.037 χ^2/NDF : 176010.2/17

In: 143.083+/-0.056 χ^2/NDF : 85535.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.769+/-0.037 χ^2/NDF : 176010.2/17

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -172.141+/-466.199 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.448+/-438.451 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

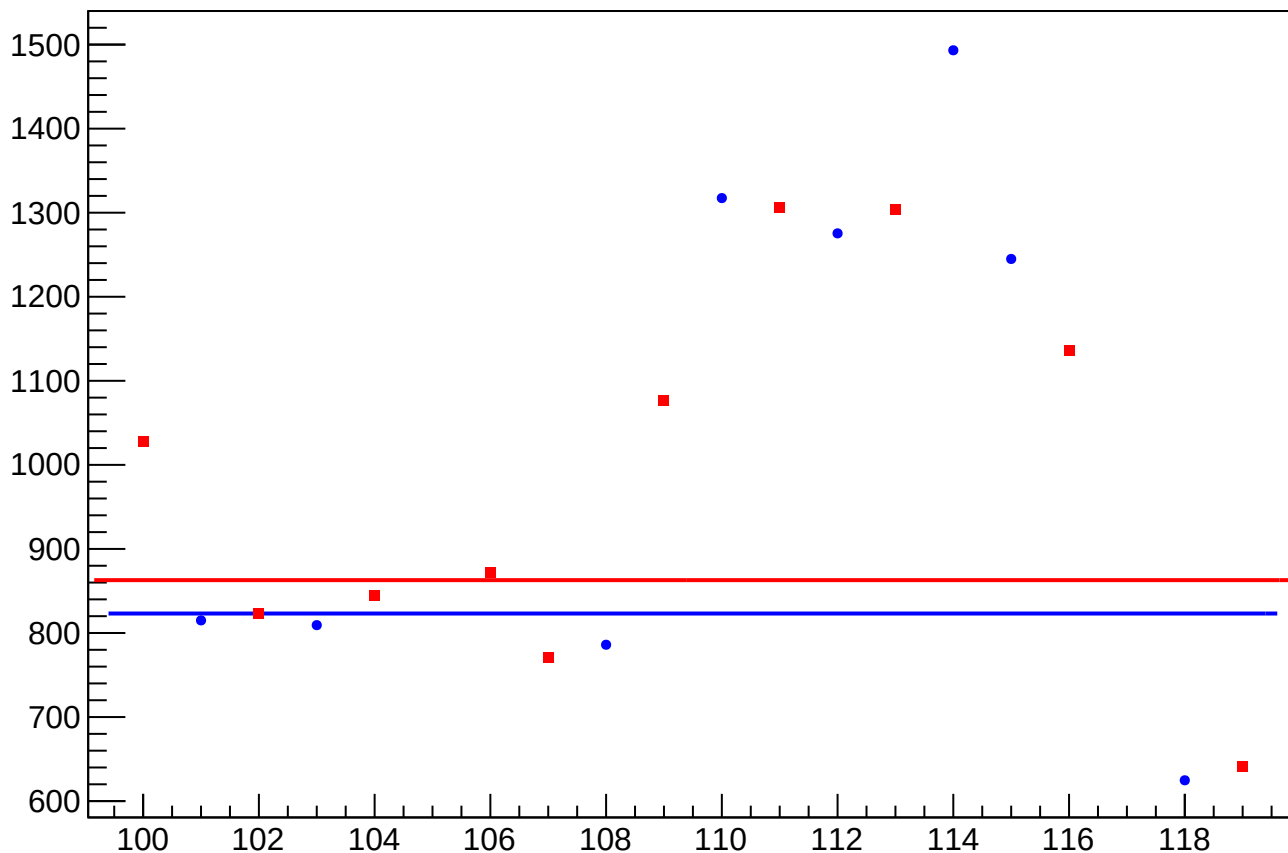
Right: -37.045+/-319.391 χ^2/NDF : 8.3/17

In: -172.141+/-466.199 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.045+/-319.391 χ^2/NDF : 8.3/17

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 823.161+/-0.330 χ^2/NDF : 421647.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 862.863+/-0.310 χ^2/NDF : 437271.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

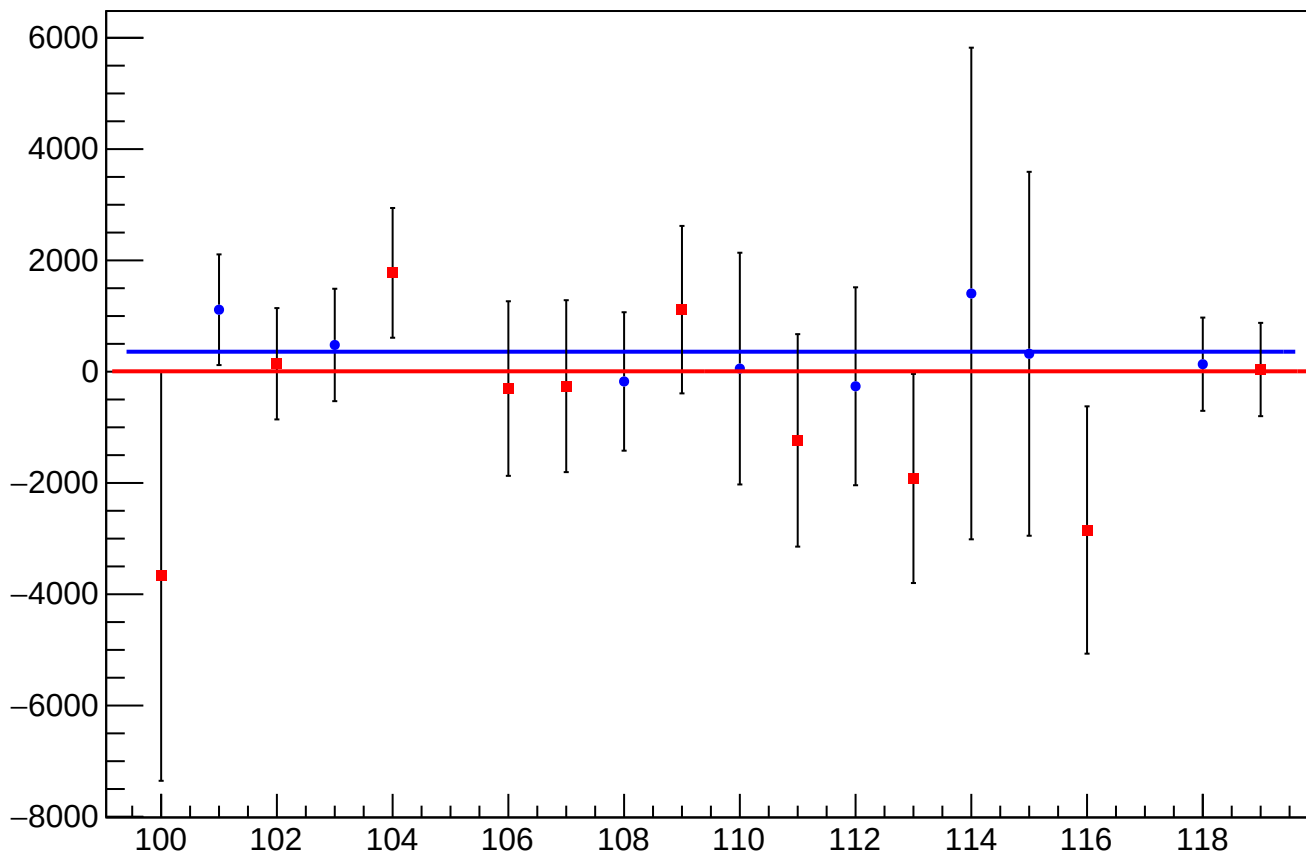
Right: 844.229+/-0.226 χ^2/NDF : 866616.0/17

In: 823.161+/-0.330 χ^2/NDF : 421647.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 844.229+/-0.226 χ^2/NDF : 866616.0/17

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 358.895+/-458.691 χ^2/NDF : 1.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.684+/-436.097 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

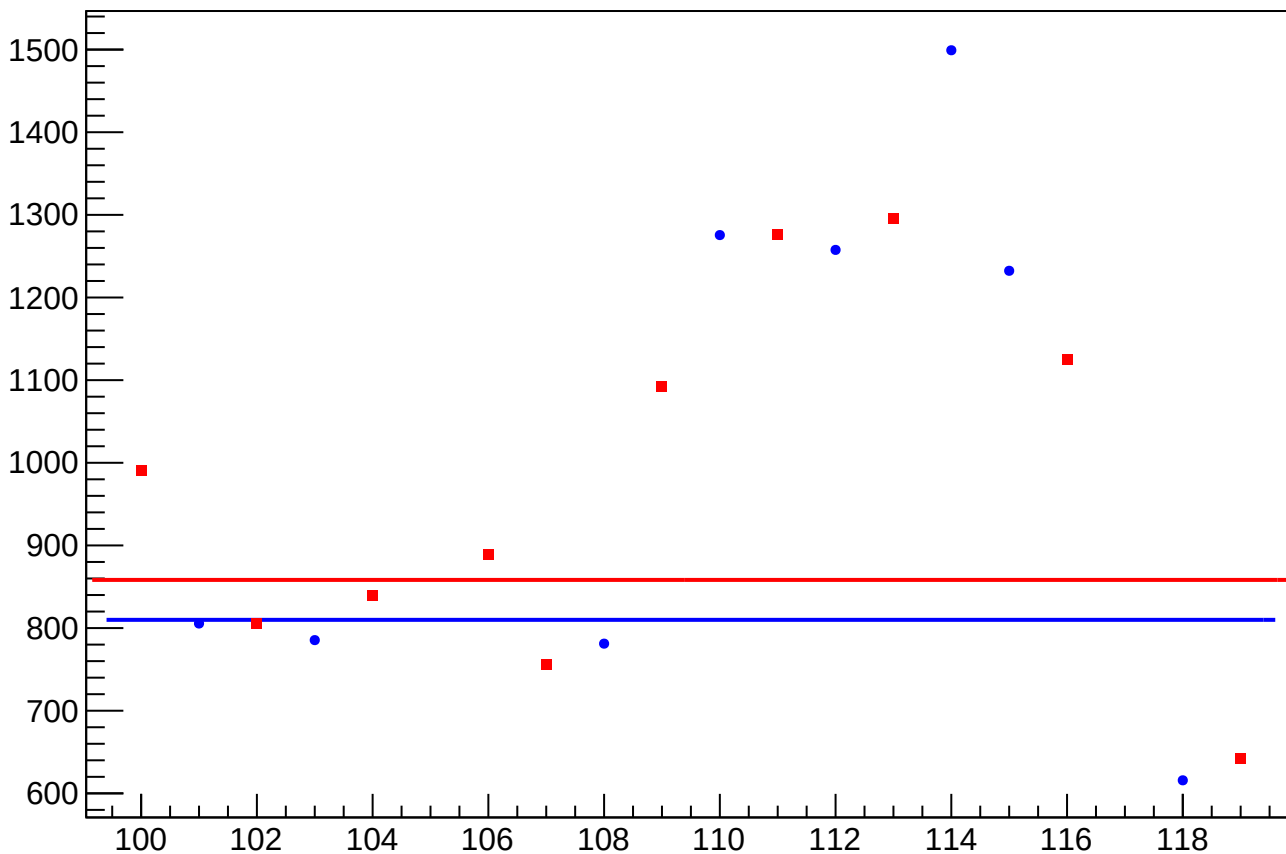
Right: 173.901+/-316.053 χ^2/NDF : 8.4/17

In: 358.895+/-458.691 χ^2/NDF : 1.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.901+/-316.053 χ^2/NDF : 8.4/17

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 809.965+/-0.324 χ^2/NDF : 418392.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 858.278+/-0.308 χ^2/NDF : 432162.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

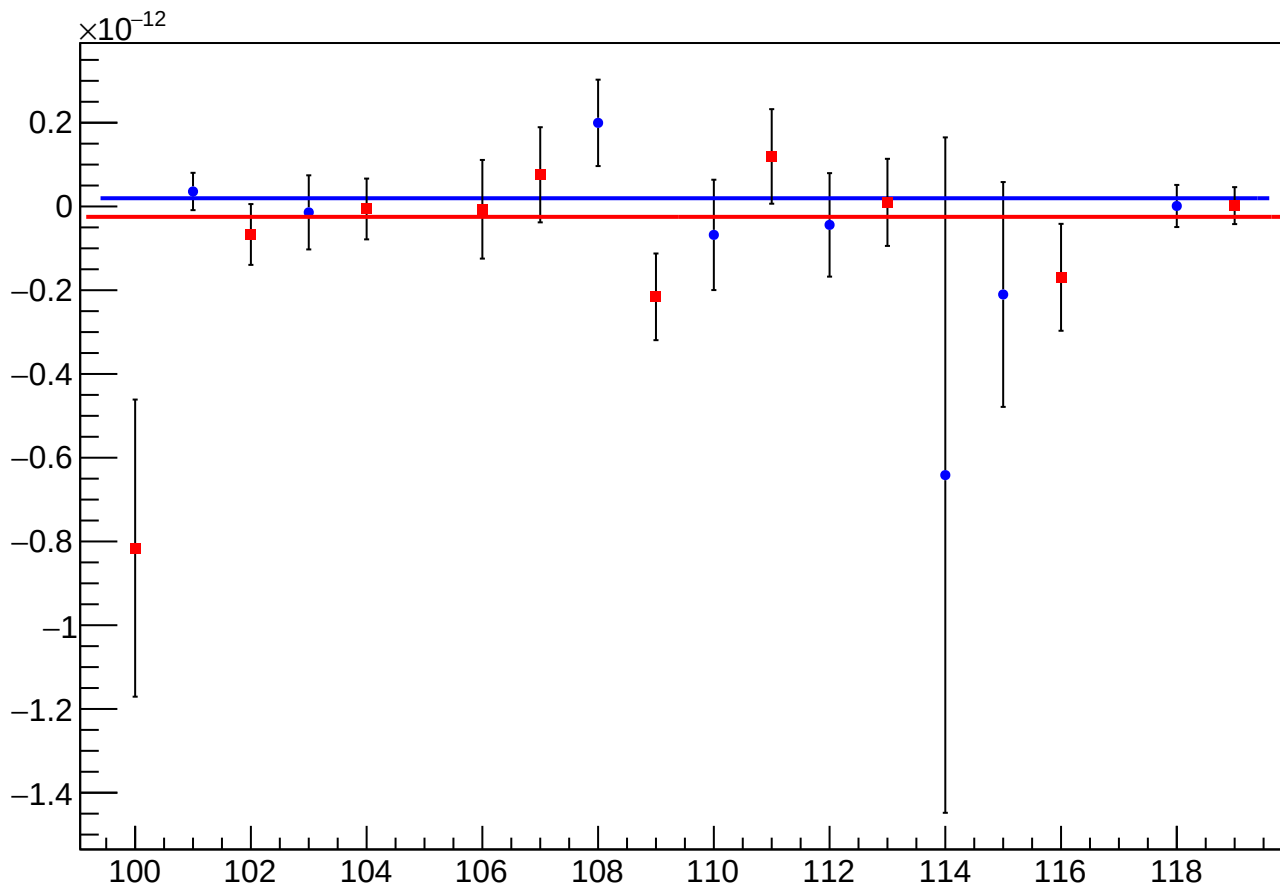
Right: 835.341+/-0.223 χ^2/NDF : 862208.7/17

In: 809.965+/-0.324 χ^2/NDF : 418392.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.341+/-0.223 χ^2/NDF : 862208.7/17

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

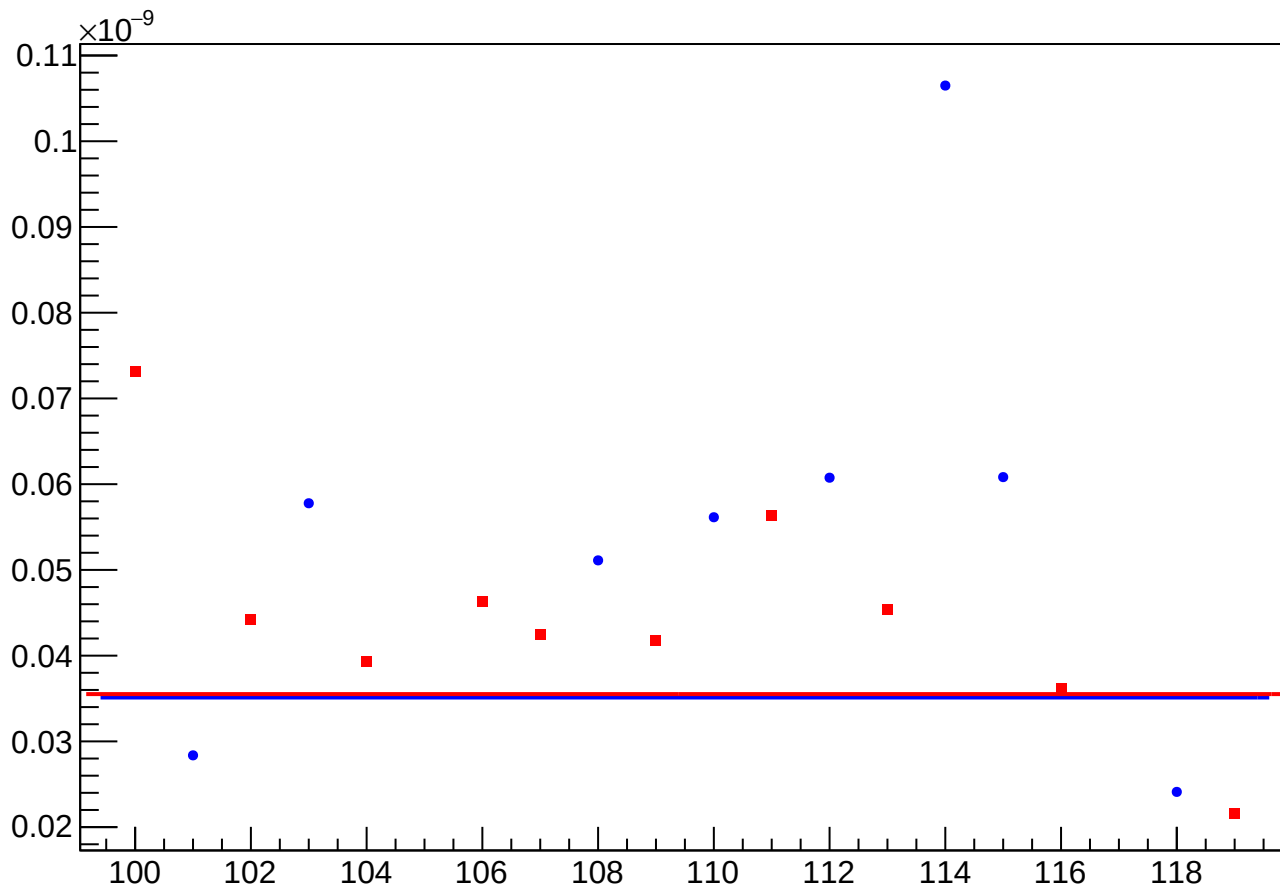
Right: -0.000+/-0.000 χ^2/NDF : 19.8/17

In: 0.000+/-0.000 χ^2/NDF : 5.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.8/17

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 491917.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 373770.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

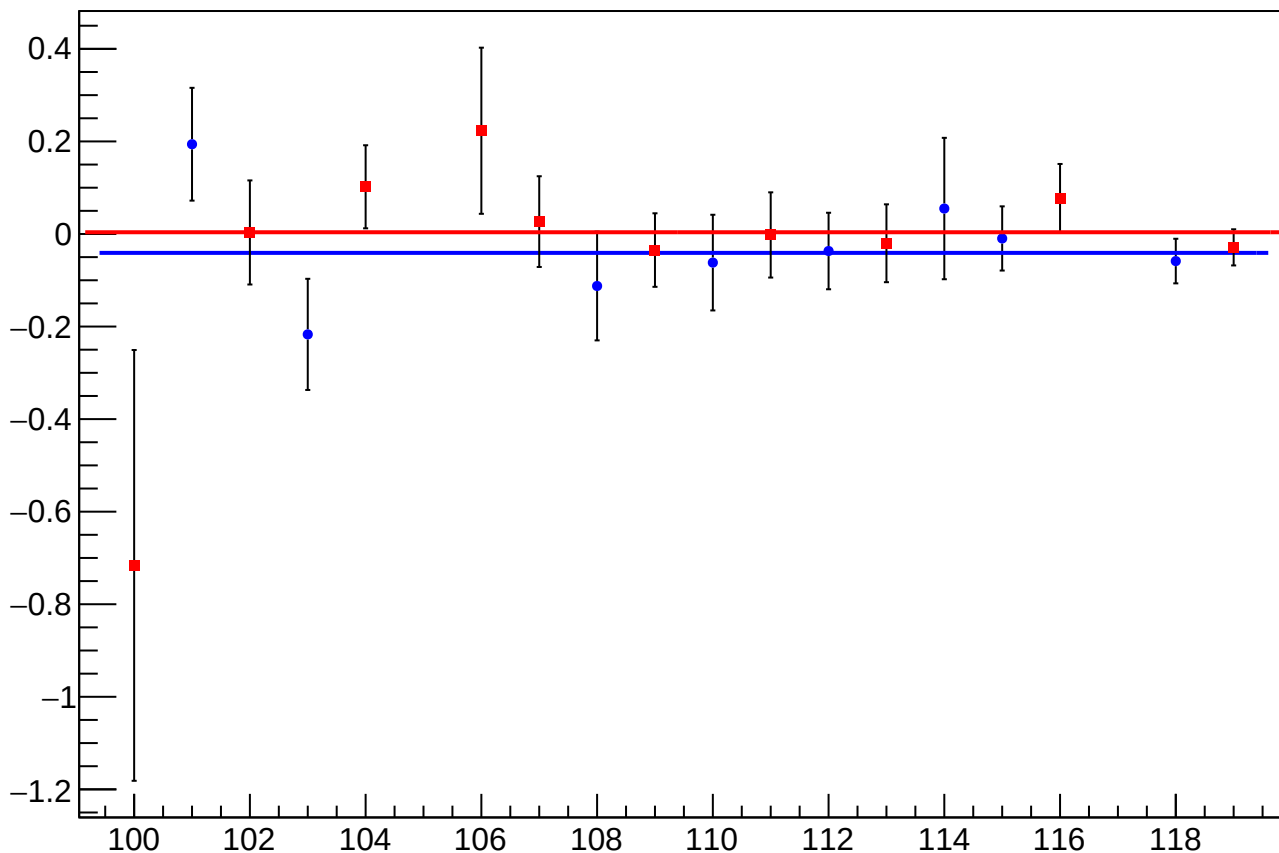
Right: 0.000+/-0.000 χ^2/NDF : 865895.4/17

In: 0.000+/-0.000 χ^2/NDF : 491917.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 865895.4/17

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.030 χ^2/NDF : 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 0.004 $\pm$ 0.025 χ^2/NDF : 7.2/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

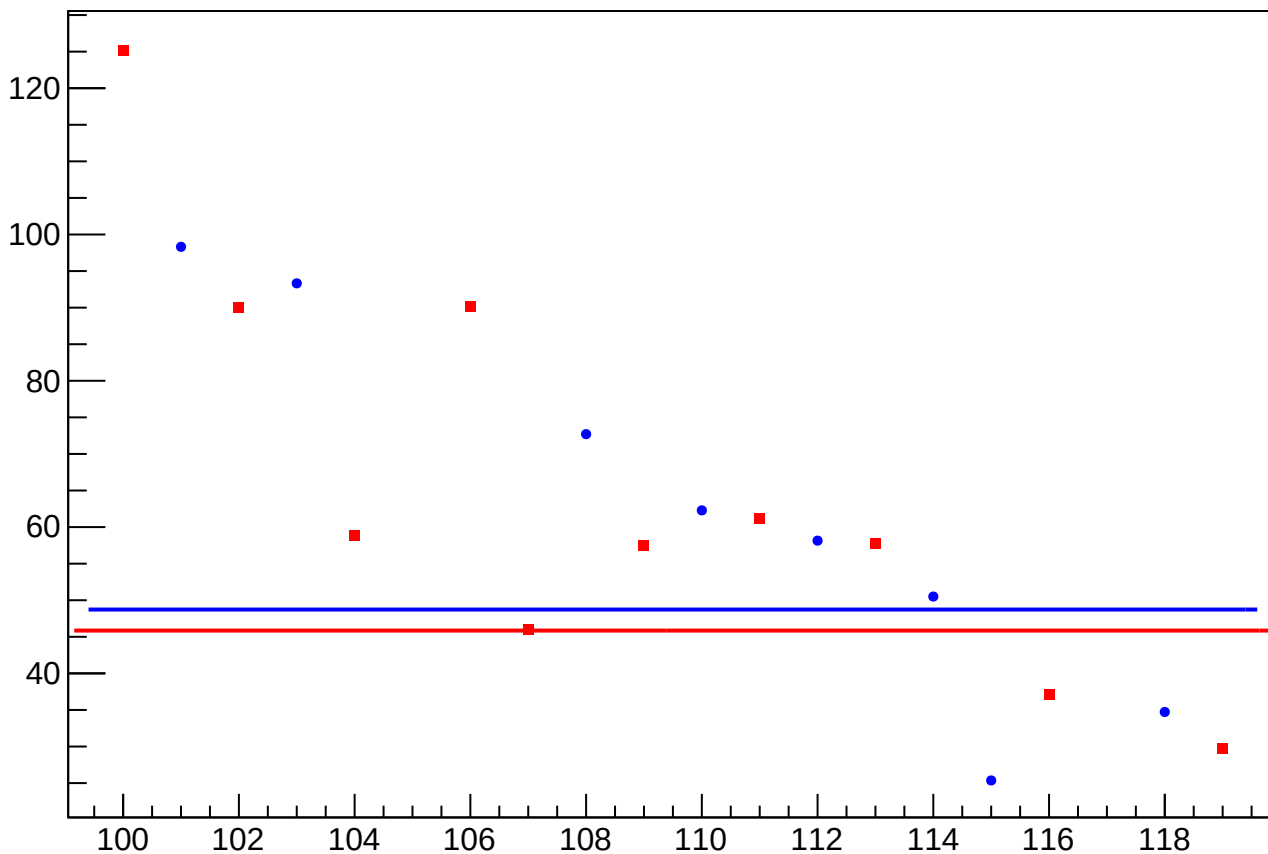
Right: -0.015 $\pm$ 0.019 χ^2/NDF : 15.5/17

In: -0.041 $\pm$ 0.030 χ^2/NDF :7.0/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -0.015 $\pm$ 0.019 χ^2/NDF : 15.5/17

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.727+/-0.021 χ^2/NDF : 1146920.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.853+/-0.018 χ^2/NDF : 1037023.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

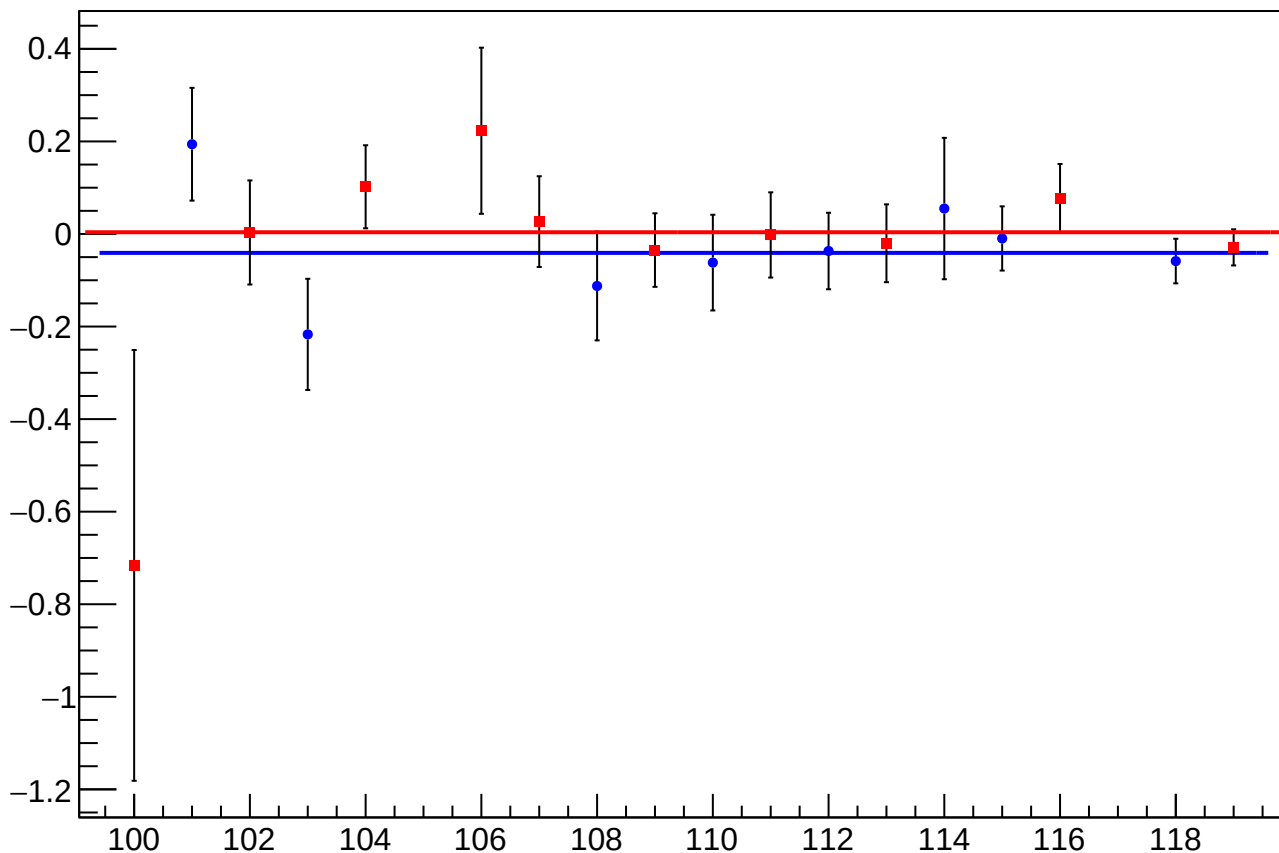
Right: 47.043+/-0.014 χ^2/NDF : 2194887.4/17

In: 48.727+/-0.021 χ^2/NDF : 1146920.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.043+/-0.014 χ^2/NDF : 2194887.4/17

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.030 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

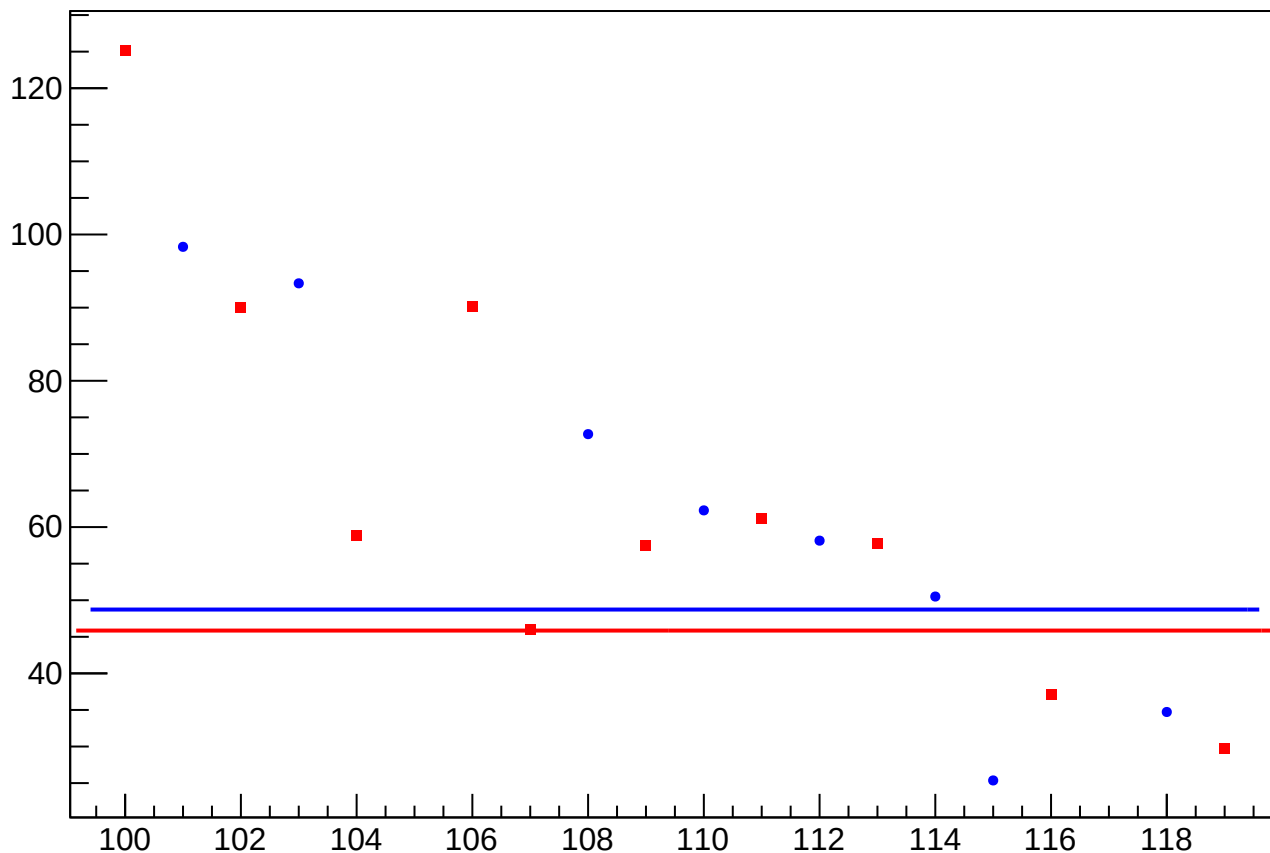
Right: -0.015+/-0.019 χ^2/NDF : 15.5/17

In: -0.041+/-0.030 χ^2/NDF :7.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.019 χ^2/NDF : 15.5/17

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.727+/-0.021 χ^2/NDF : 1146920.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.853+/-0.018 χ^2/NDF : 1037023.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

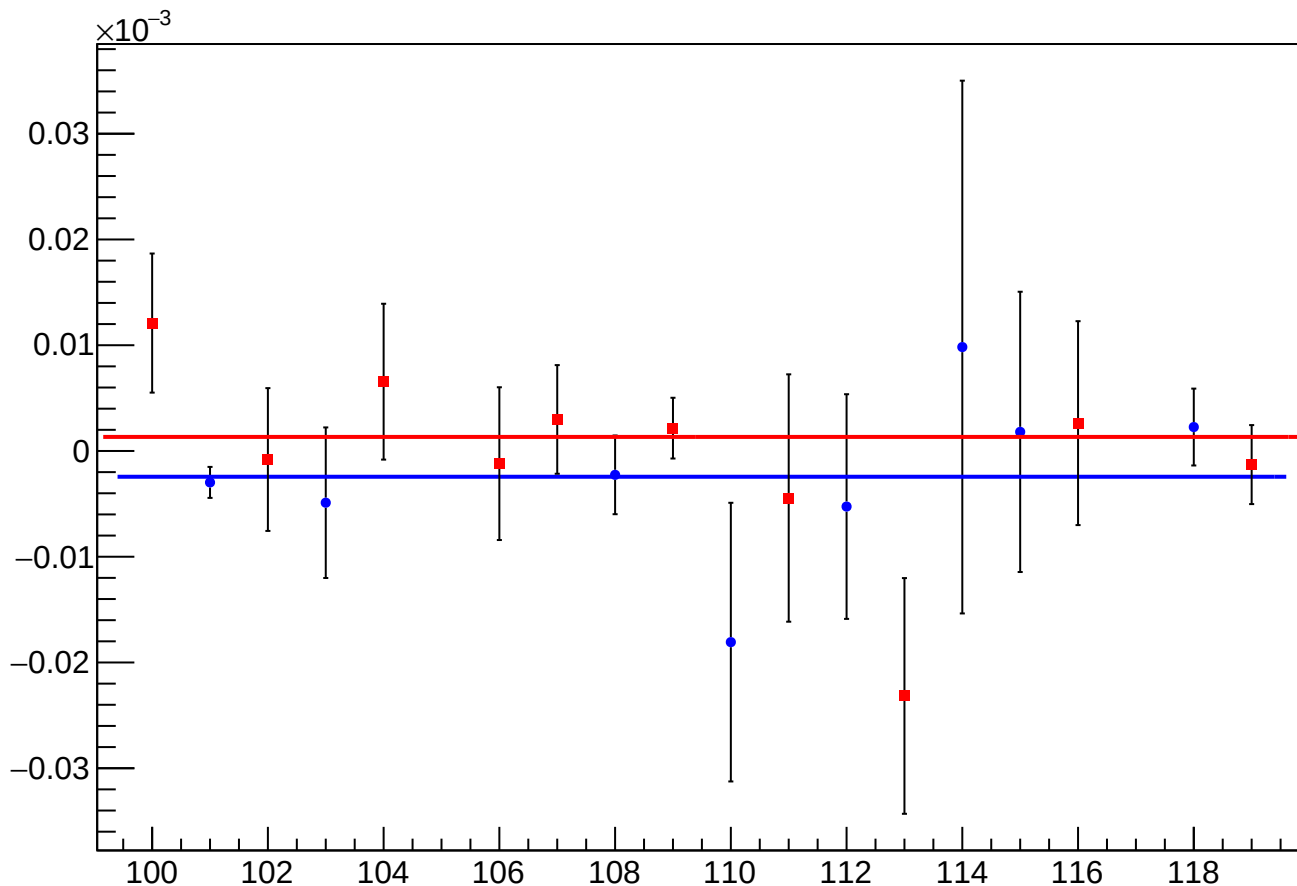
Right: 47.043+/-0.014 χ^2/NDF : 2194887.4/17

In: 48.727+/-0.021 χ^2/NDF : 1146920.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.043+/-0.014 χ^2/NDF : 2194887.4/17

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

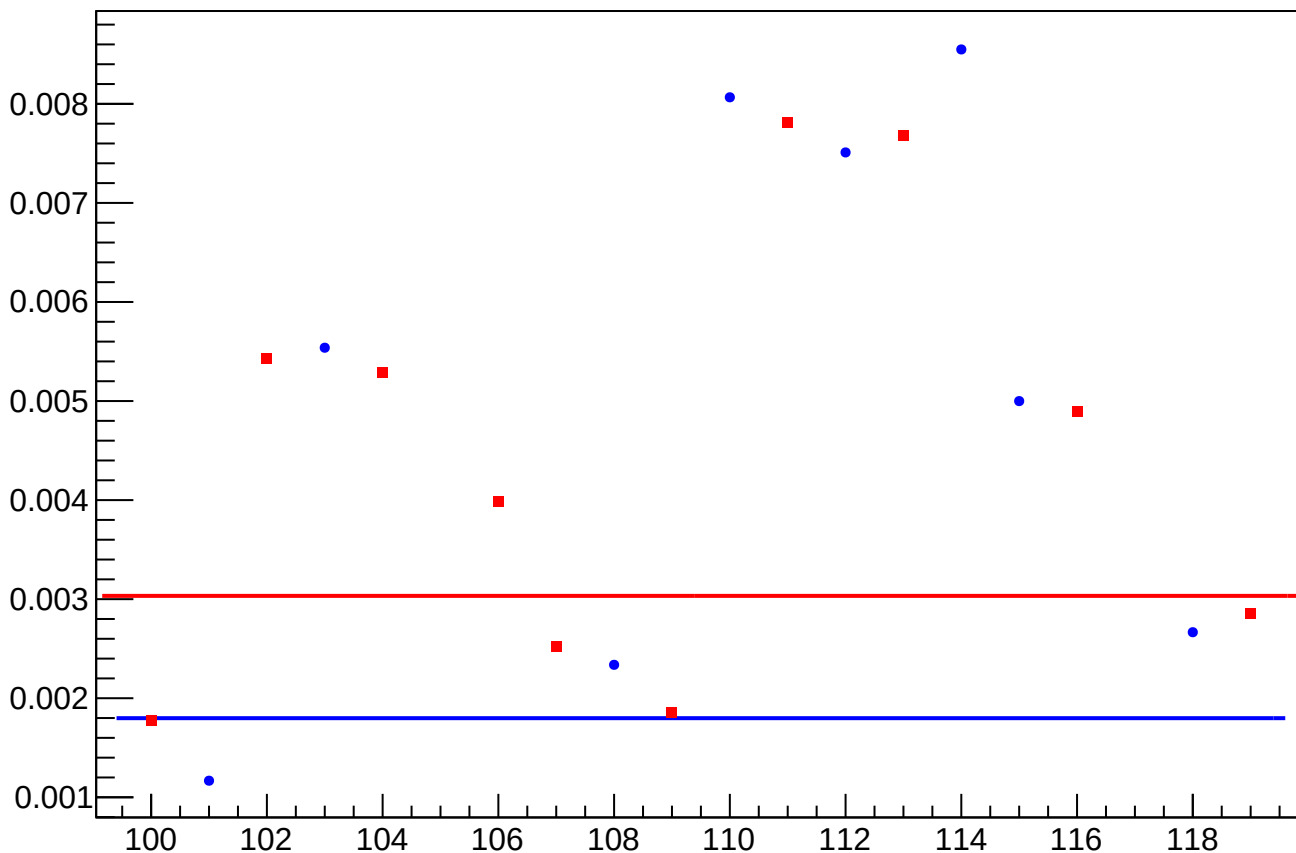
Right: -0.000+/-0.000 χ^2/NDF : 16.1/17

In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.1/17

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2369900.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1669309.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

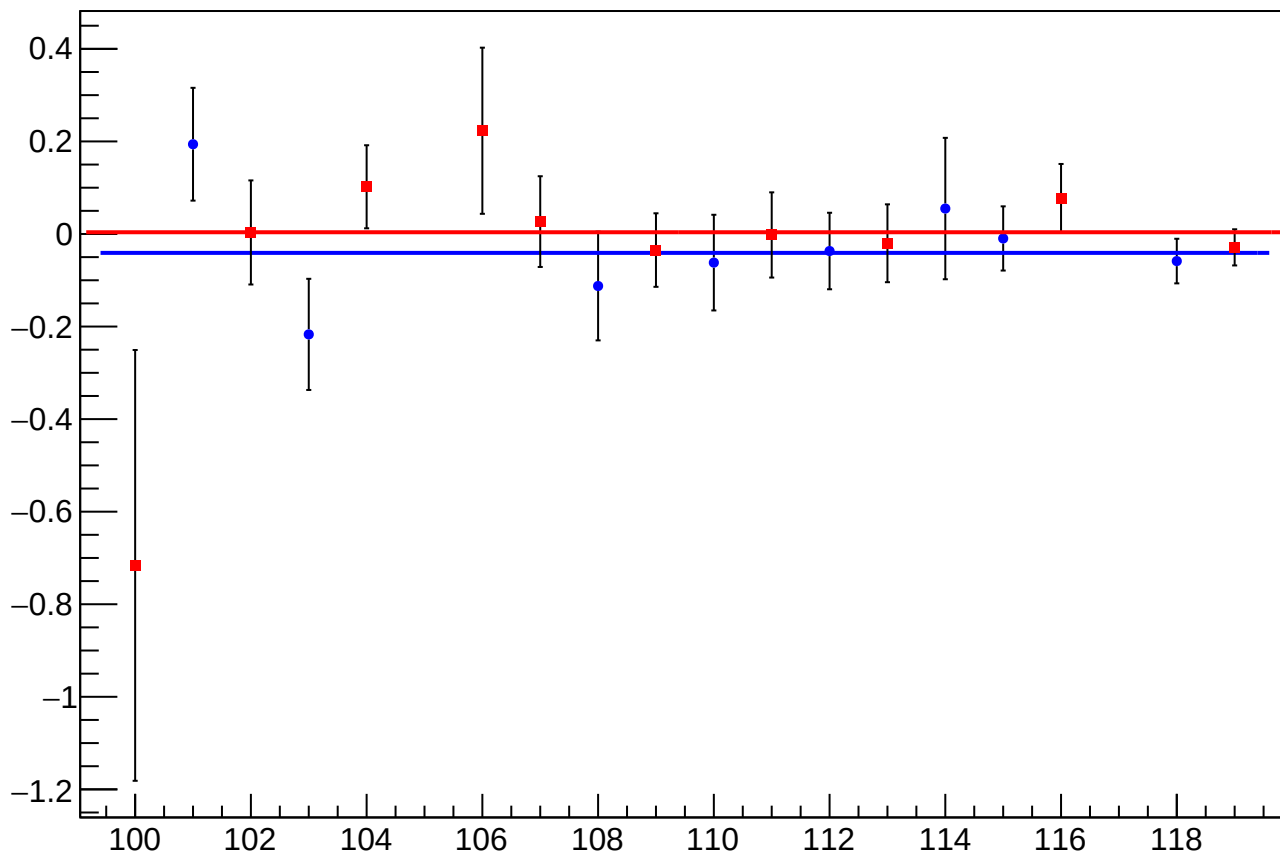
Right: 0.002+/-0.000 χ^2/NDF : 4721062.3/17

In: 0.002+/-0.000 χ^2/NDF :2369900.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4721062.3/17

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041+/-0.030 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.025 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

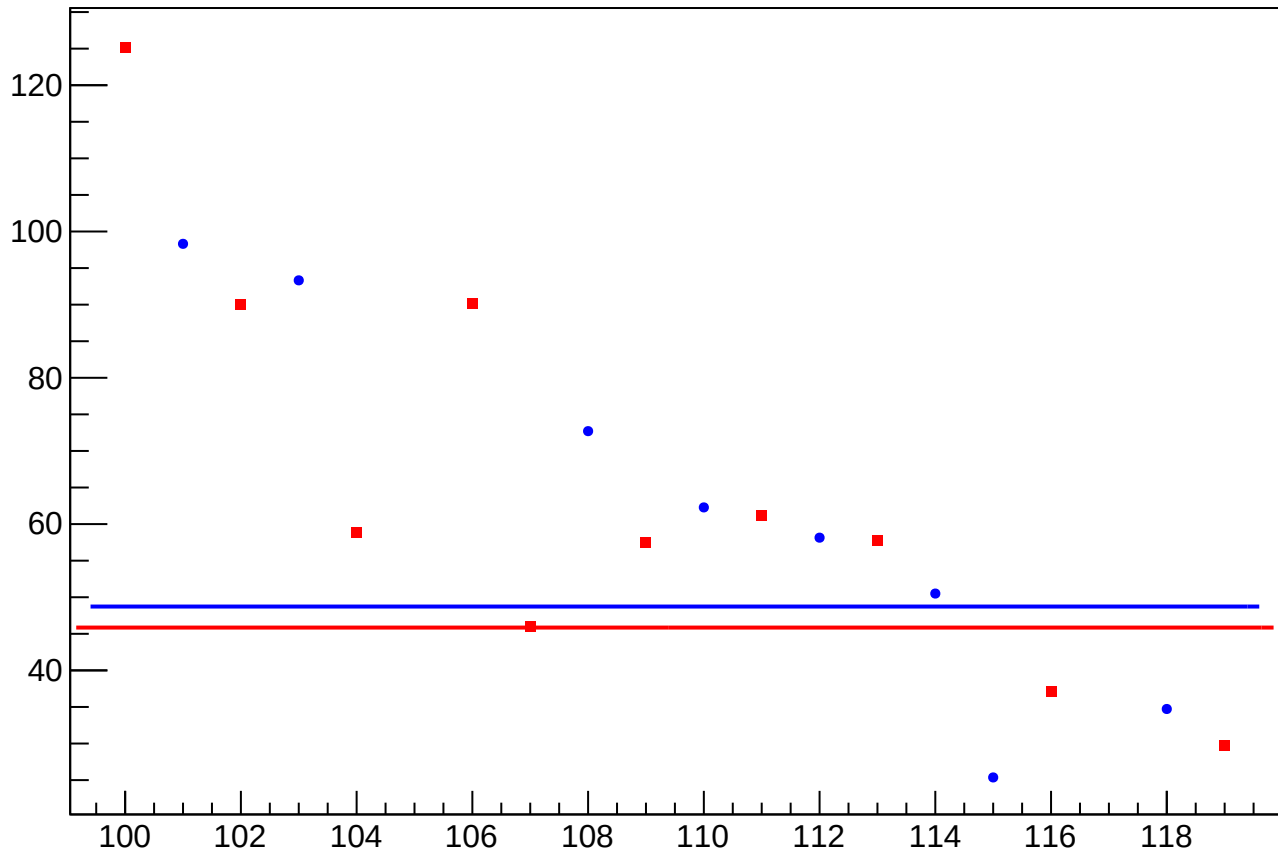
Right: -0.015+/-0.019 χ^2/NDF : 15.5/17

In: -0.041+/-0.030 χ^2/NDF :7.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.015+/-0.019 χ^2/NDF : 15.5/17

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.728+/-0.021 χ^2/NDF : 1146784.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.854+/-0.018 χ^2/NDF : 1036882.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

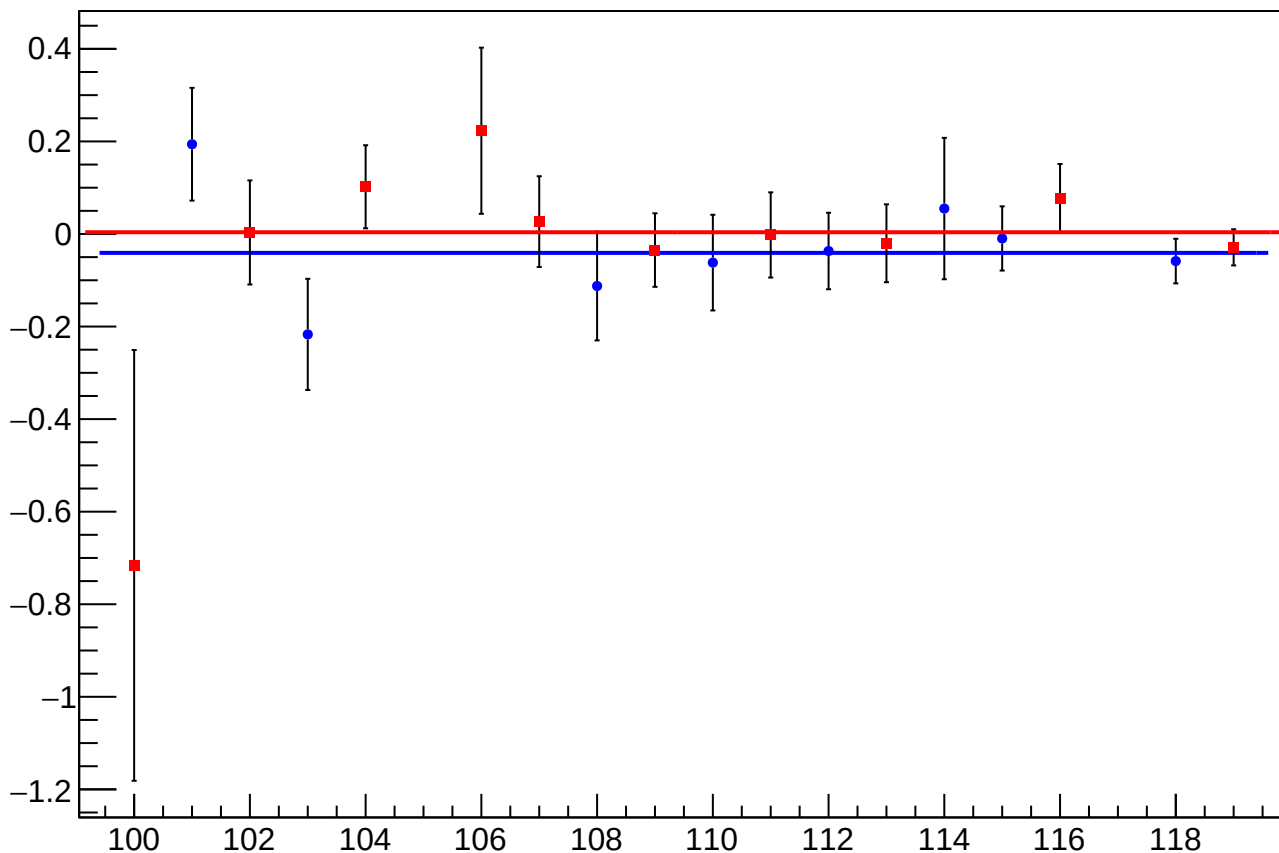
Right: 47.044+/-0.014 χ^2/NDF : 2194614.3/17

In: 48.728+/-0.021 χ^2/NDF : 1146784.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.044+/-0.014 χ^2/NDF : 2194614.3/17

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.030 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.025 χ^2 /NDF: 7.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

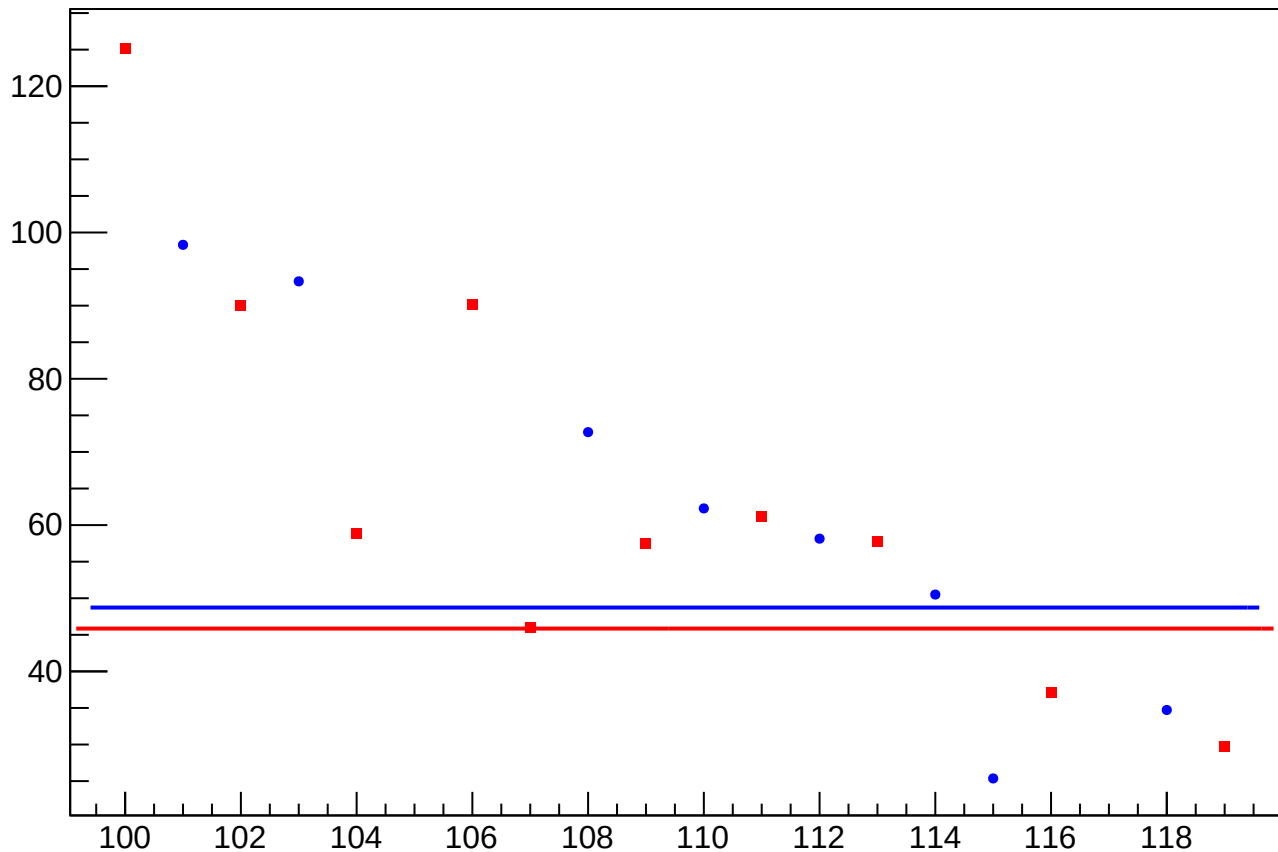
Right: -0.015 $\pm$ 0.019 χ^2 /NDF: 15.5/17

In: -0.041 $\pm$ 0.030 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.015 $\pm$ 0.019 χ^2 /NDF: 15.5/17

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 48.728+/-0.021 χ^2/NDF : 1146784.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.854+/-0.018 χ^2/NDF : 1036882.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

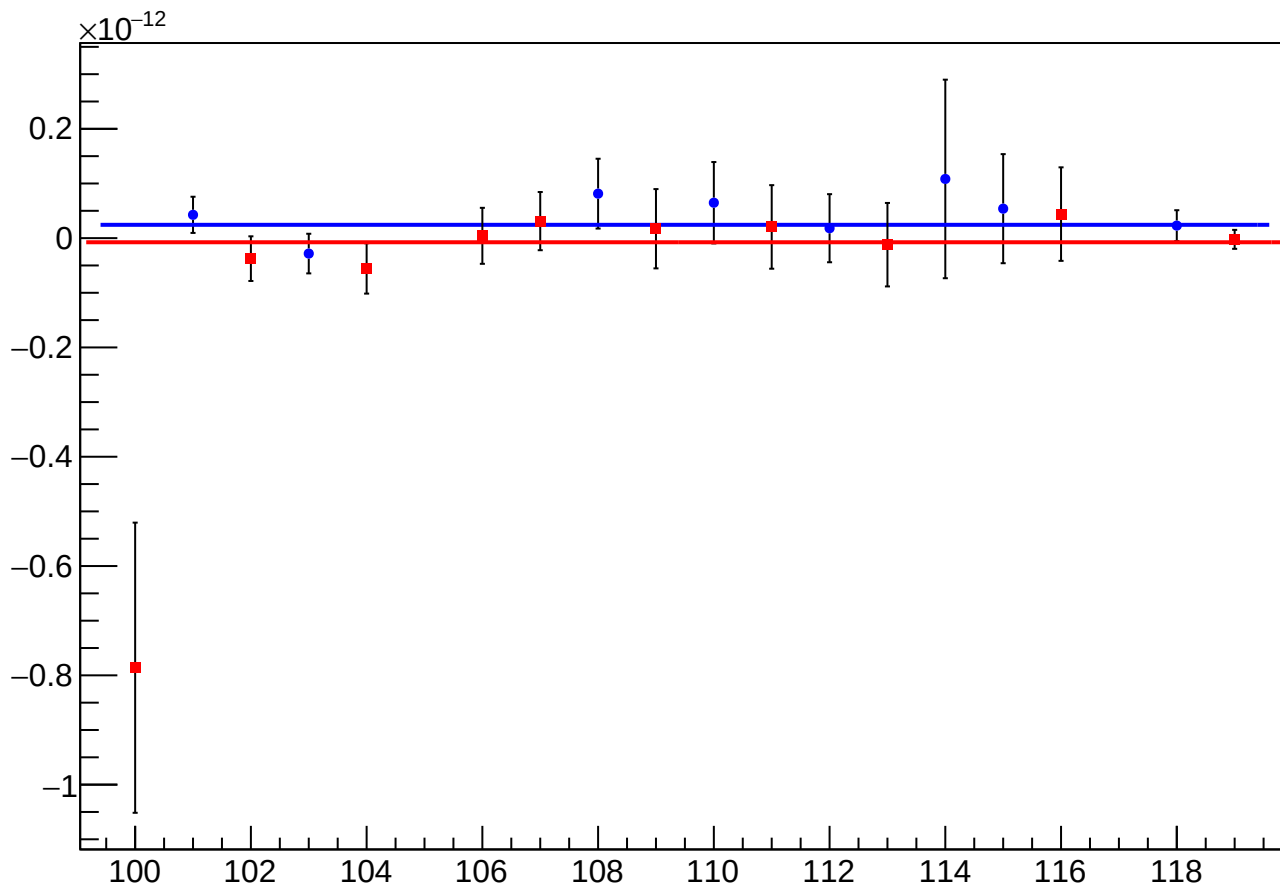
Right: 47.044+/-0.014 χ^2/NDF : 2194614.3/17

In: 48.728+/-0.021 χ^2/NDF : 1146784.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.044+/-0.014 χ^2/NDF : 2194614.3/17

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

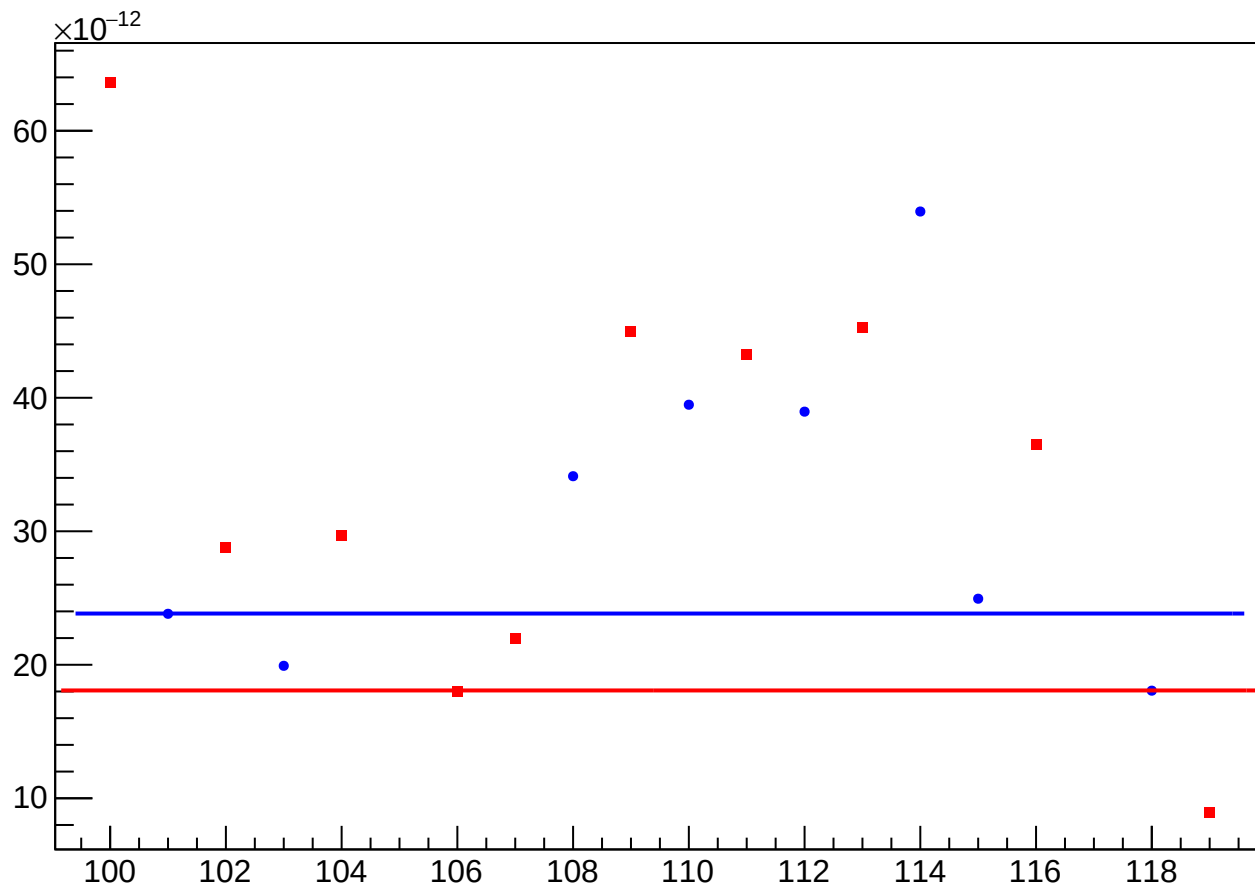
Right: 0.000+/-0.000 χ^2/NDF : 17.6/17

In: 0.000+/-0.000 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.6/17

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 420475.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1727667.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

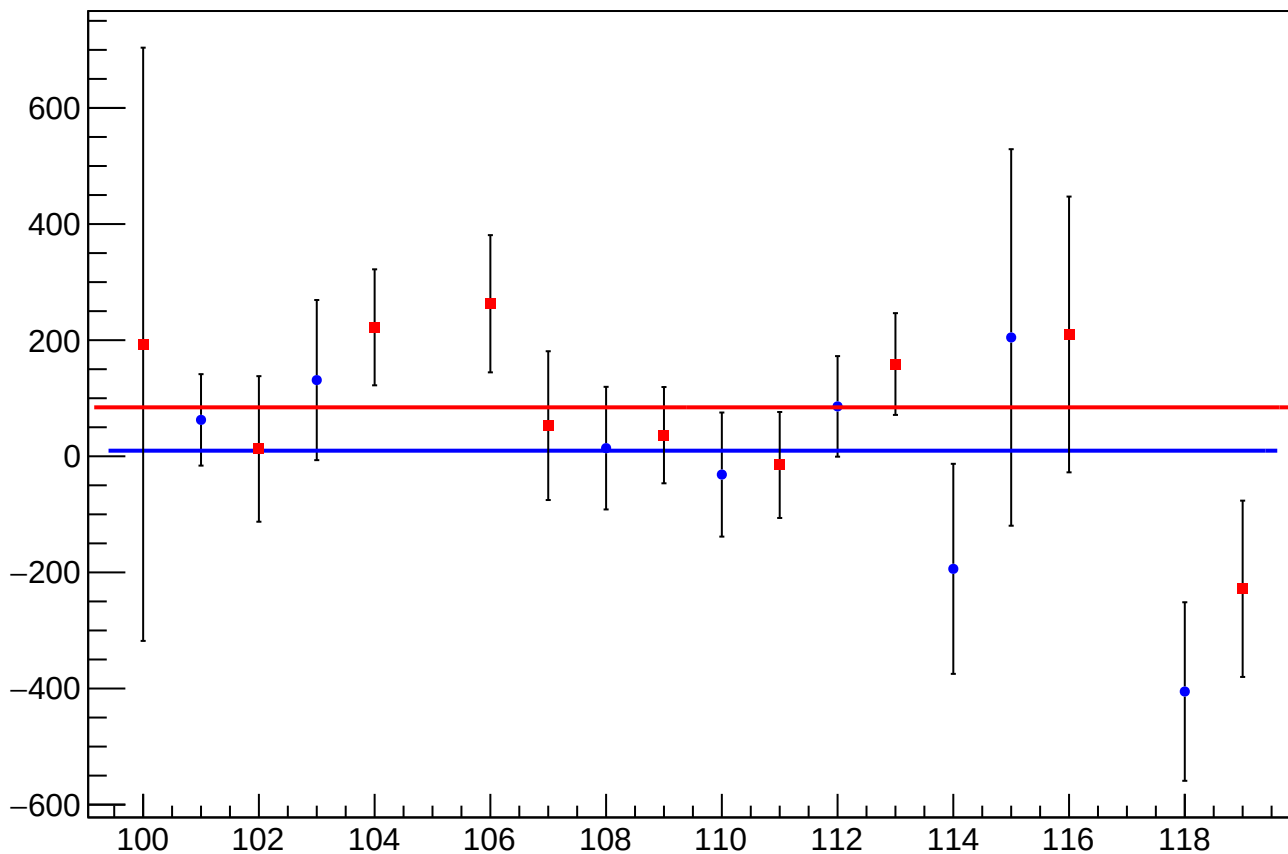
Right: 0.000+/-0.000 χ^2/NDF : 2299310.2/17

In: 0.000+/-0.000 χ^2/NDF : 420475.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2299310.2/17

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 9.649+/-40.601 χ^2/NDF : 11.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.326+/-36.347 χ^2/NDF : 11.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

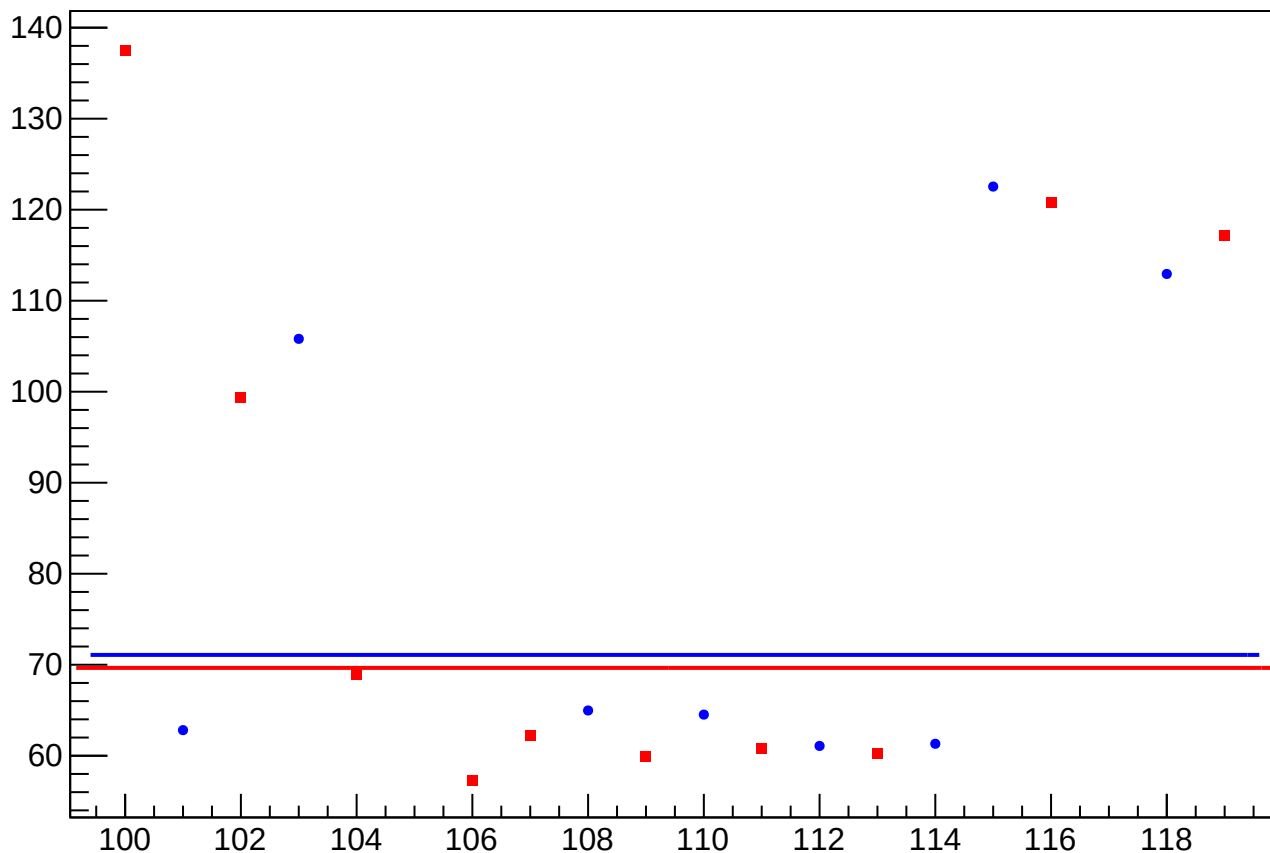
Right: 51.103+/-27.081 χ^2/NDF : 24.3/17

In: 9.649+/-40.601 χ^2/NDF : 11.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.103+/-27.081 χ^2/NDF : 24.3/17

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 71.081+/-0.029 χ^2/NDF : 394166.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.654+/-0.026 χ^2/NDF : 533339.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

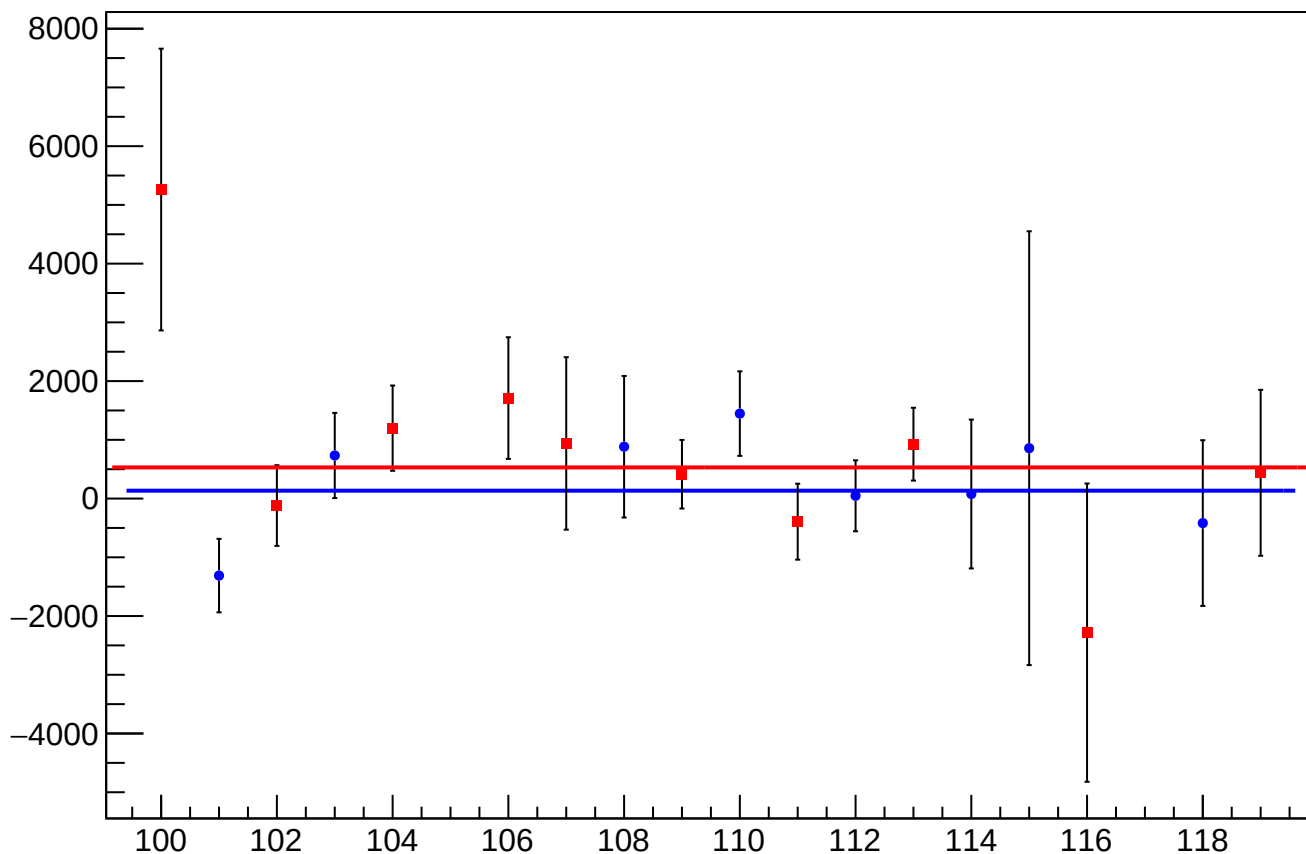
Right: 70.289+/-0.019 χ^2/NDF : 928876.0/17

In: 71.081+/-0.029 χ^2/NDF : 394166.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.289+/-0.019 χ^2/NDF : 928876.0/17

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 134.195+/-301.335 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.662+/-265.667 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

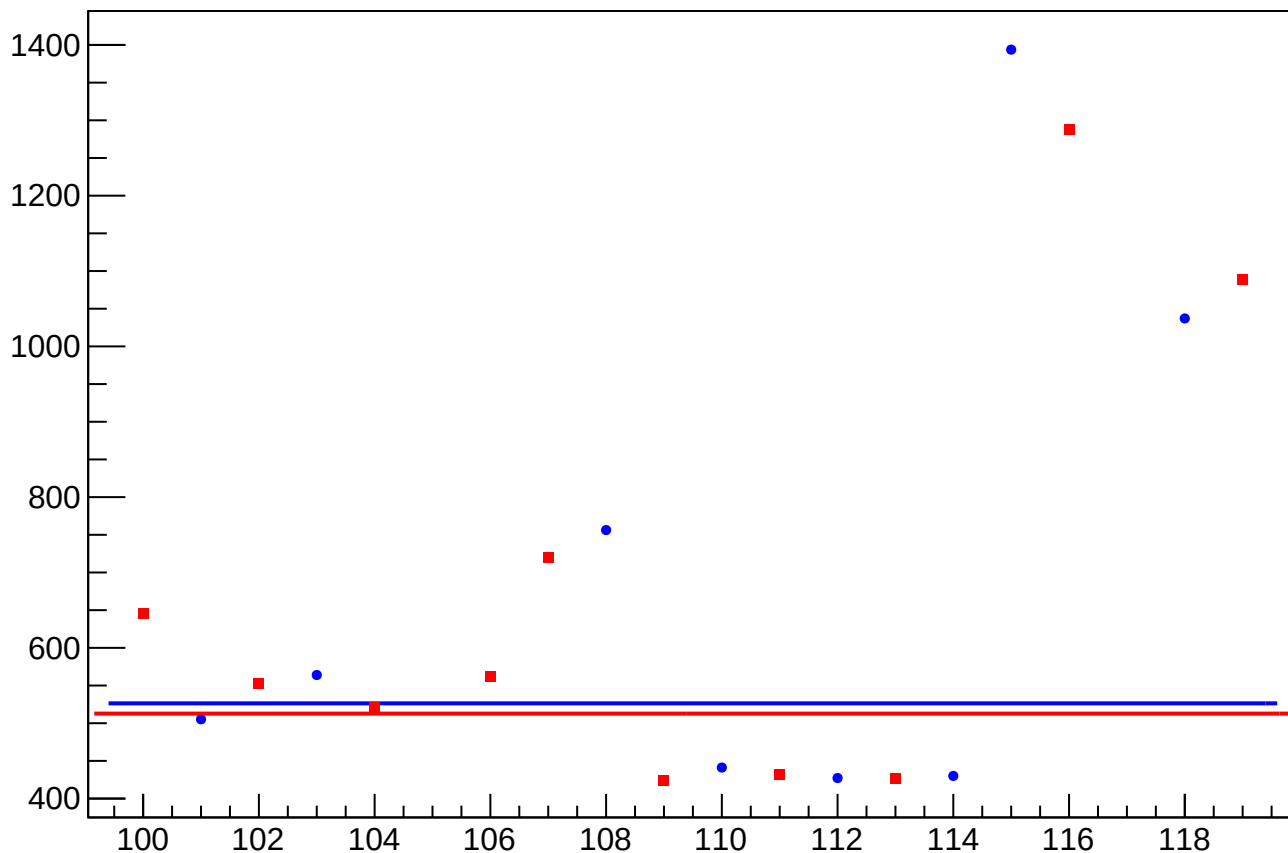
Right: 357.270+/-199.278 χ^2/NDF : 21.6/17

In: 134.195+/-301.335 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.270+/-199.278 χ^2/NDF : 21.6/17

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 526.358+/-0.213 χ^2/NDF : 546330.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.747+/-0.188 χ^2/NDF : 692155.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

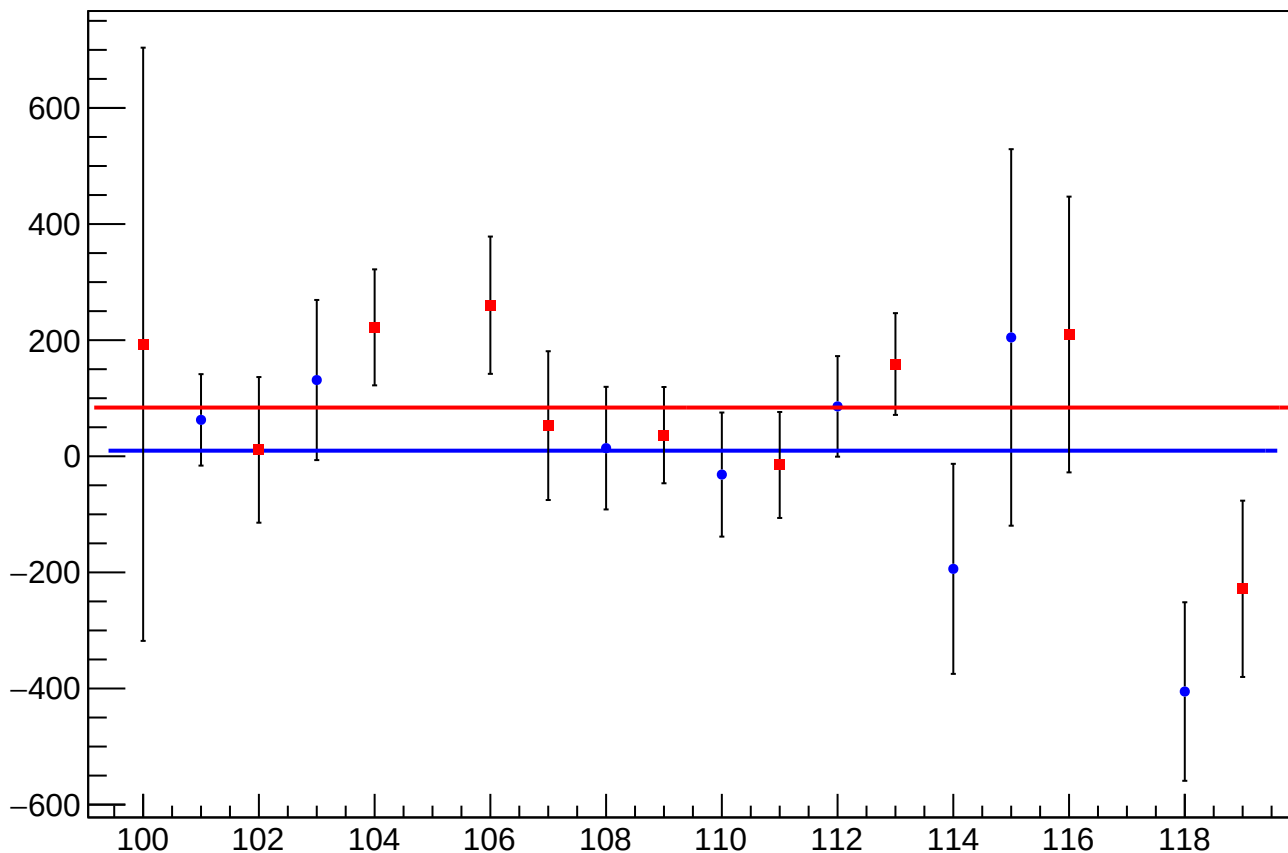
Right: 518.699+/-0.141 χ^2/NDF : 1240781.6/17

In: 526.358+/-0.213 χ^2/NDF : 546330.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 518.699+/-0.141 χ^2/NDF : 1240781.6/17

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 9.643 $\pm$ 40.601 χ^2 /NDF: 11.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 83.931 $\pm$ 36.351 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

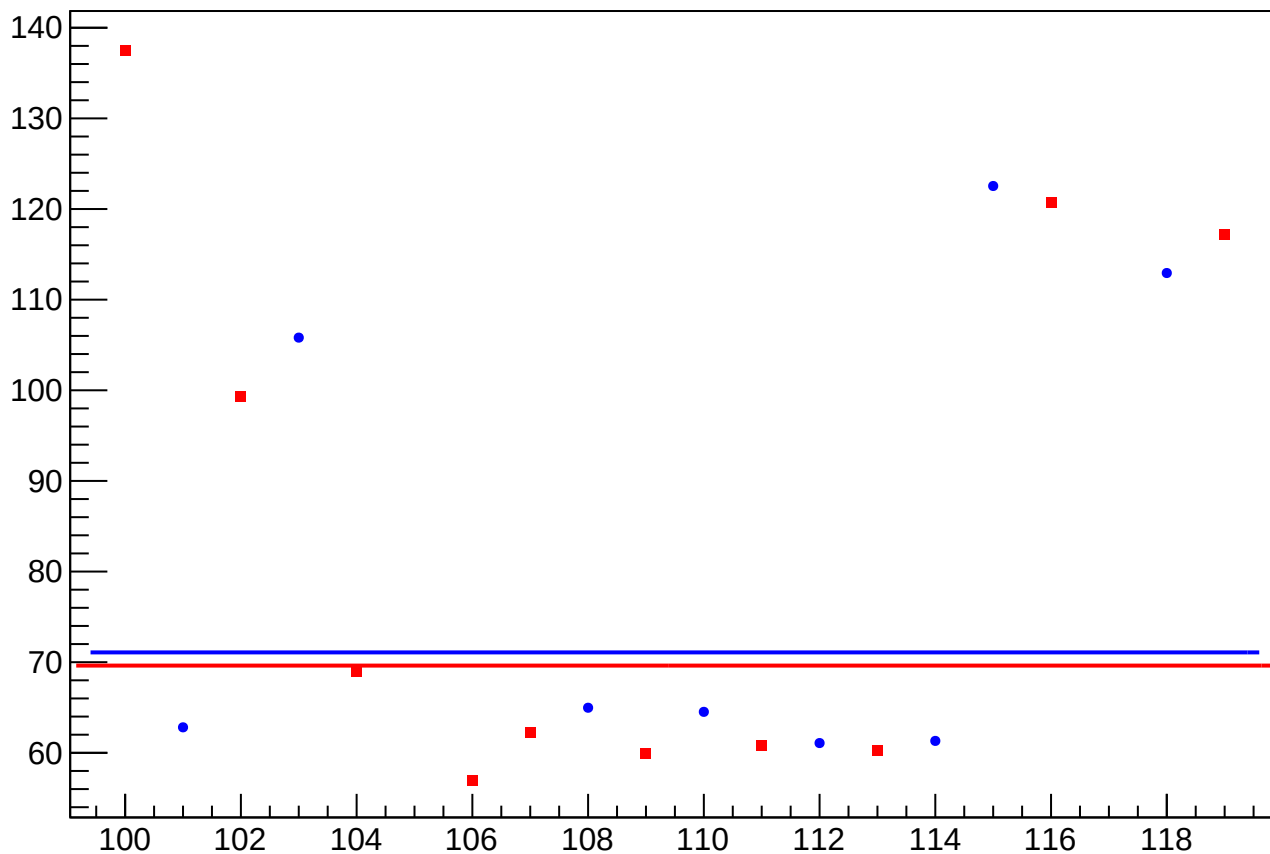
Right: 50.877 $\pm$ 27.082 χ^2 /NDF: 24.2/17

In: 9.643 $\pm$ 40.601 χ^2 /NDF:11.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 50.877 $\pm$ 27.082 χ^2 /NDF: 24.2/17

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 71.081+/-0.029 χ^2/NDF : 394169.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.625+/-0.026 χ^2/NDF : 534737.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

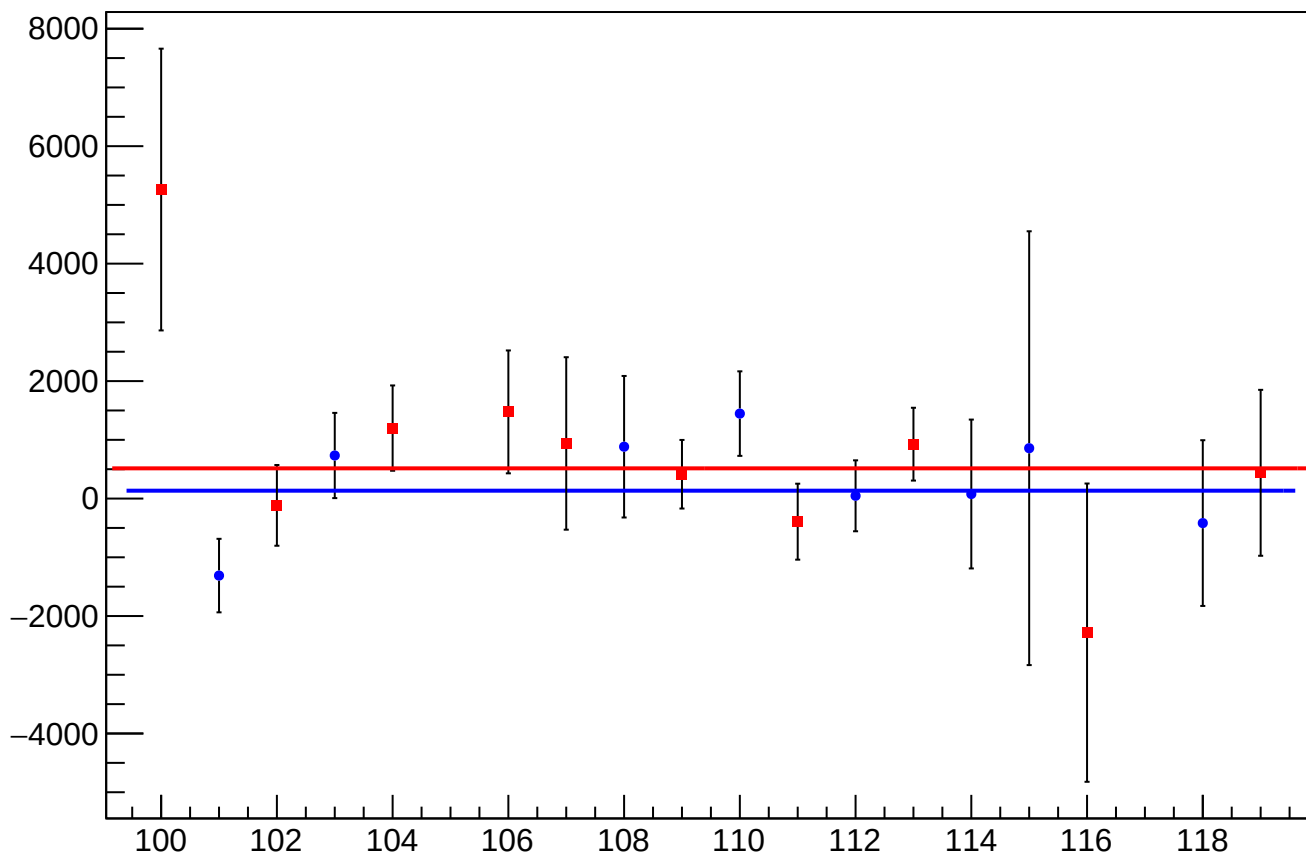
Right: 70.273+/-0.019 χ^2/NDF : 930333.0/17

In: 71.081+/-0.029 χ^2/NDF : 394169.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.273+/-0.019 χ^2/NDF : 930333.0/17

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 134.159+/-301.340 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.545+/-265.871 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

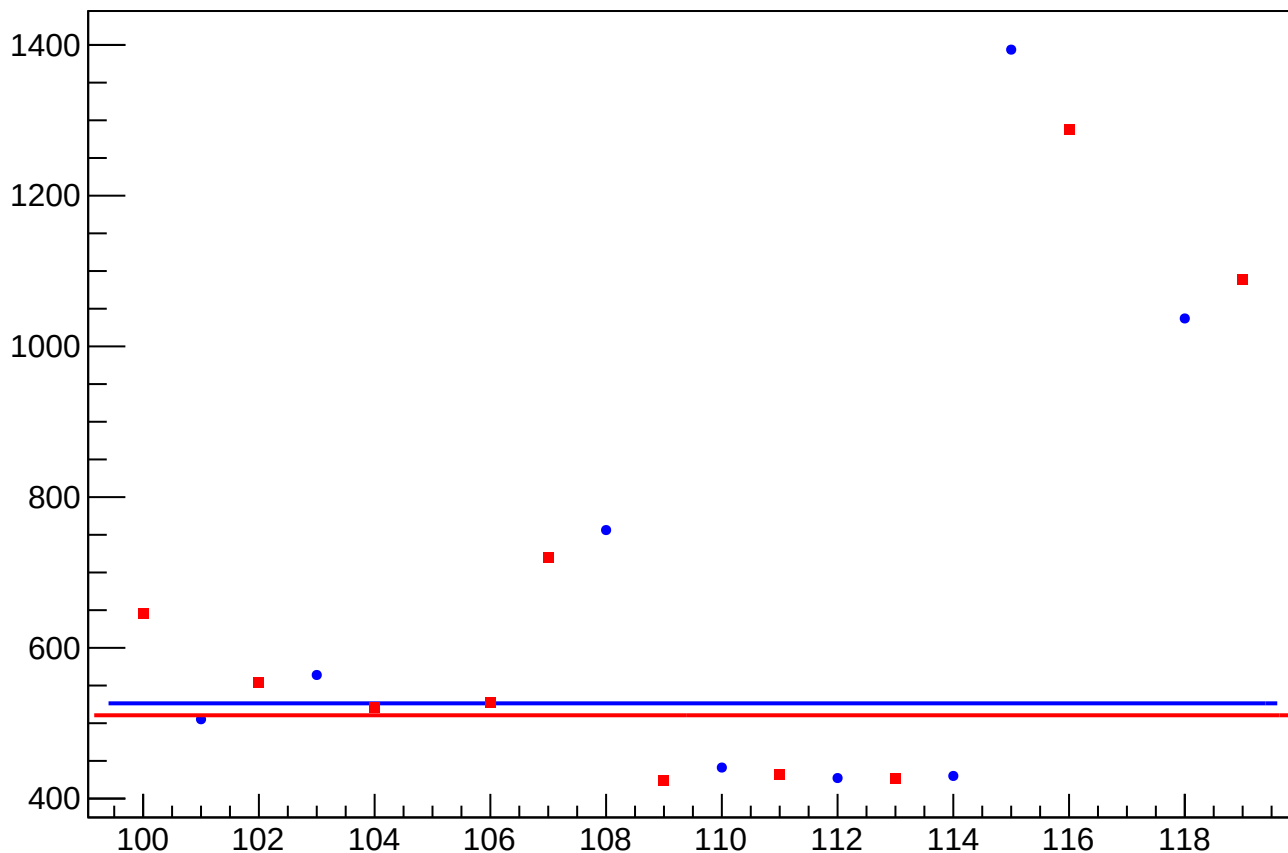
Right: 348.045+/-199.366 χ^2/NDF : 21.1/17

In: 134.159+/-301.340 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.045+/-199.366 χ^2/NDF : 21.1/17

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.366+/-0.213 χ^2/NDF : 546343.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.525+/-0.188 χ^2/NDF : 688087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

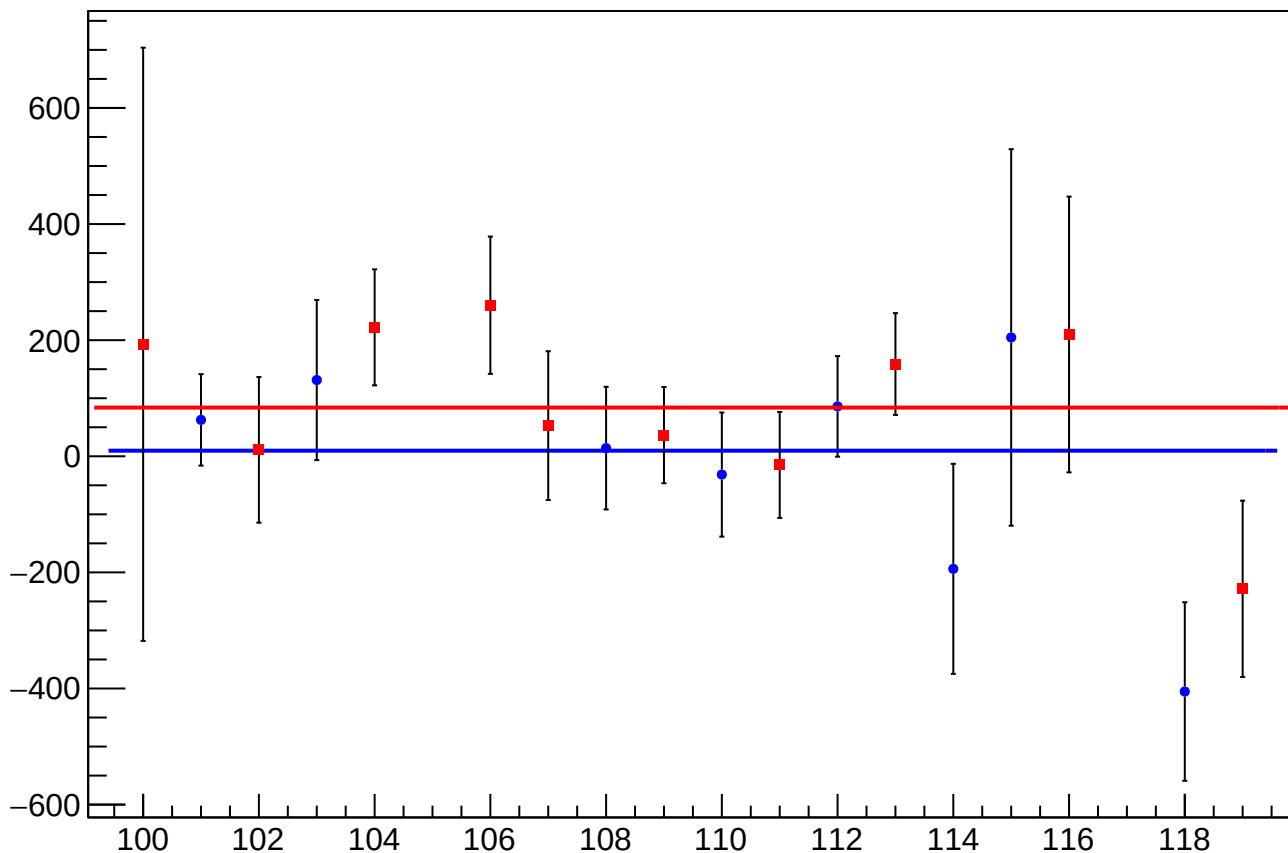
Right: 517.459+/-0.141 χ^2/NDF : 1237538.2/17

In: 526.366+/-0.213 χ^2/NDF : 546343.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.459+/-0.141 χ^2/NDF : 1237538.2/17

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 9.643+/-40.601 χ^2/NDF : 11.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.931+/-36.351 χ^2/NDF : 11.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

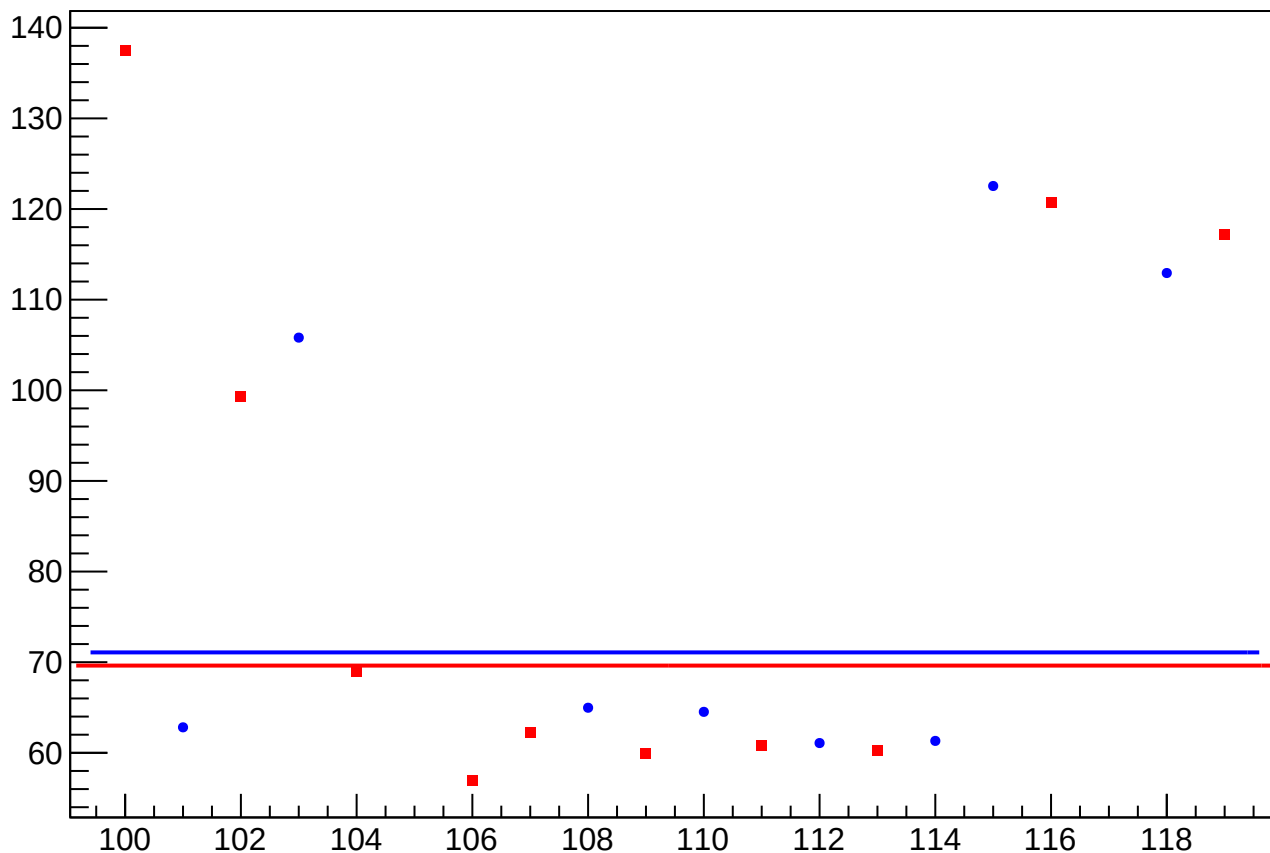
Right: 50.877+/-27.082 χ^2/NDF : 24.2/17

In: 9.643+/-40.601 χ^2/NDF : 11.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.877+/-27.082 χ^2/NDF : 24.2/17

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 71.081+/-0.029 χ^2/NDF : 394169.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.625+/-0.026 χ^2/NDF : 534737.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

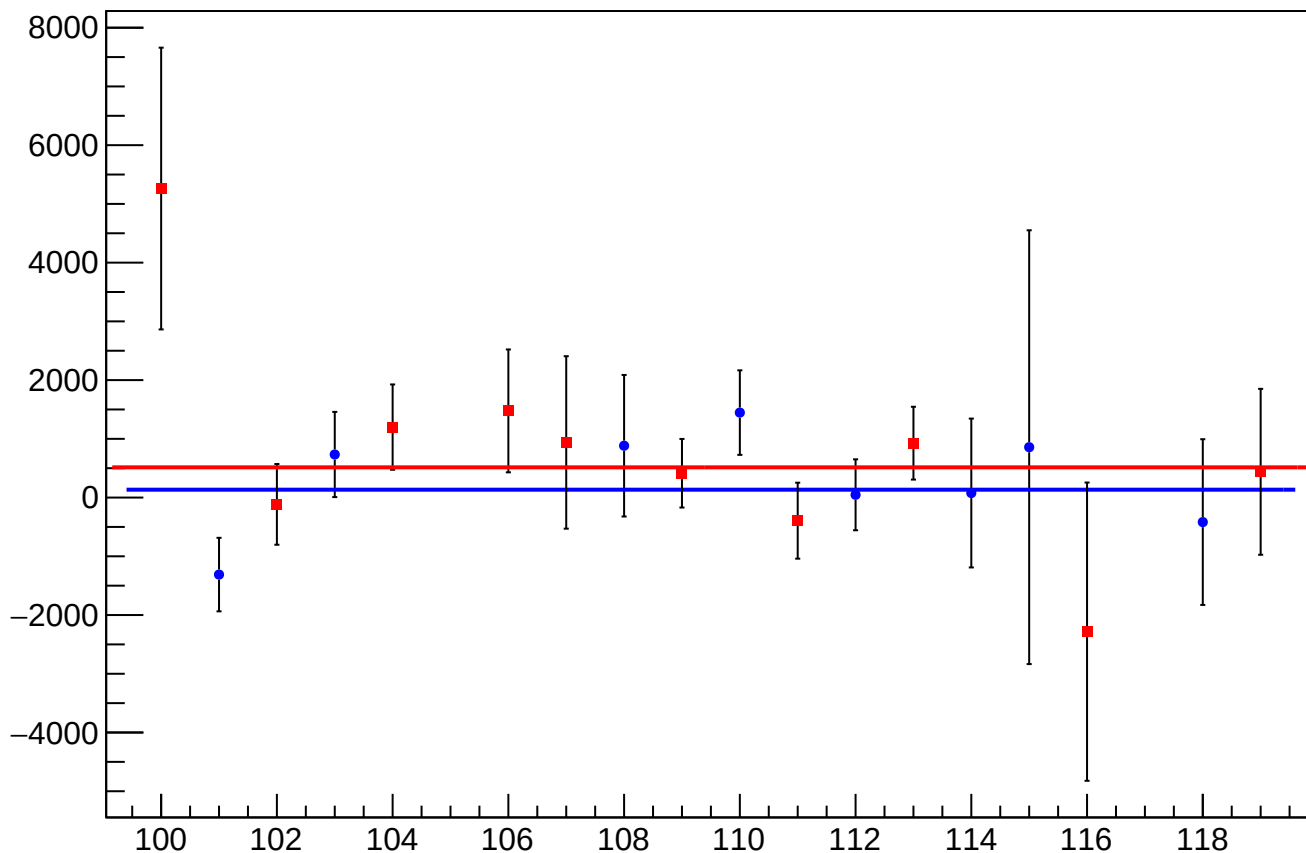
Right: 70.273+/-0.019 χ^2/NDF : 930333.0/17

In: 71.081+/-0.029 χ^2/NDF : 394169.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.273+/-0.019 χ^2/NDF : 930333.0/17

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 134.159+/-301.340 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.545+/-265.871 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

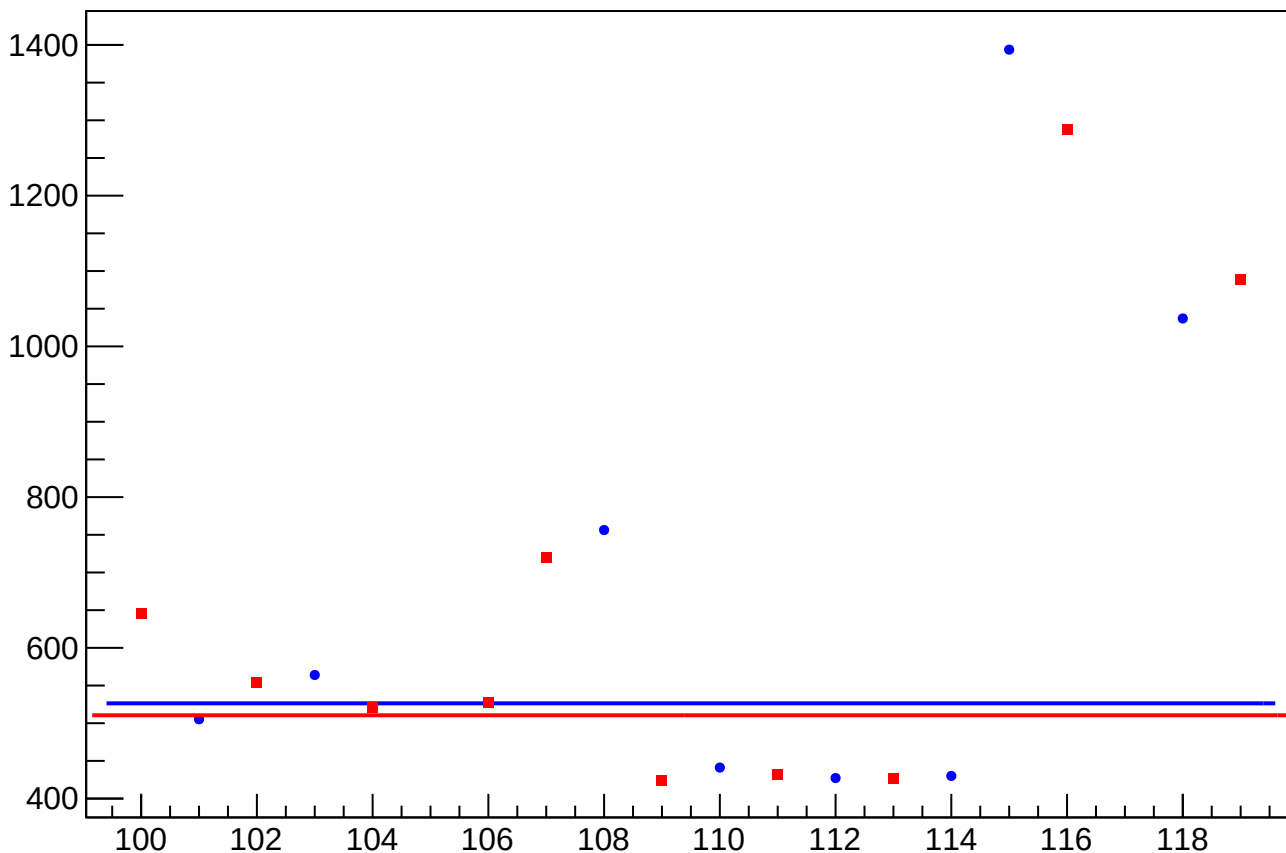
Right: 348.045+/-199.366 χ^2/NDF : 21.1/17

In: 134.159+/-301.340 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 348.045+/-199.366 χ^2/NDF : 21.1/17

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 526.366+/-0.213 χ^2/NDF : 546343.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.525+/-0.188 χ^2/NDF : 688087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

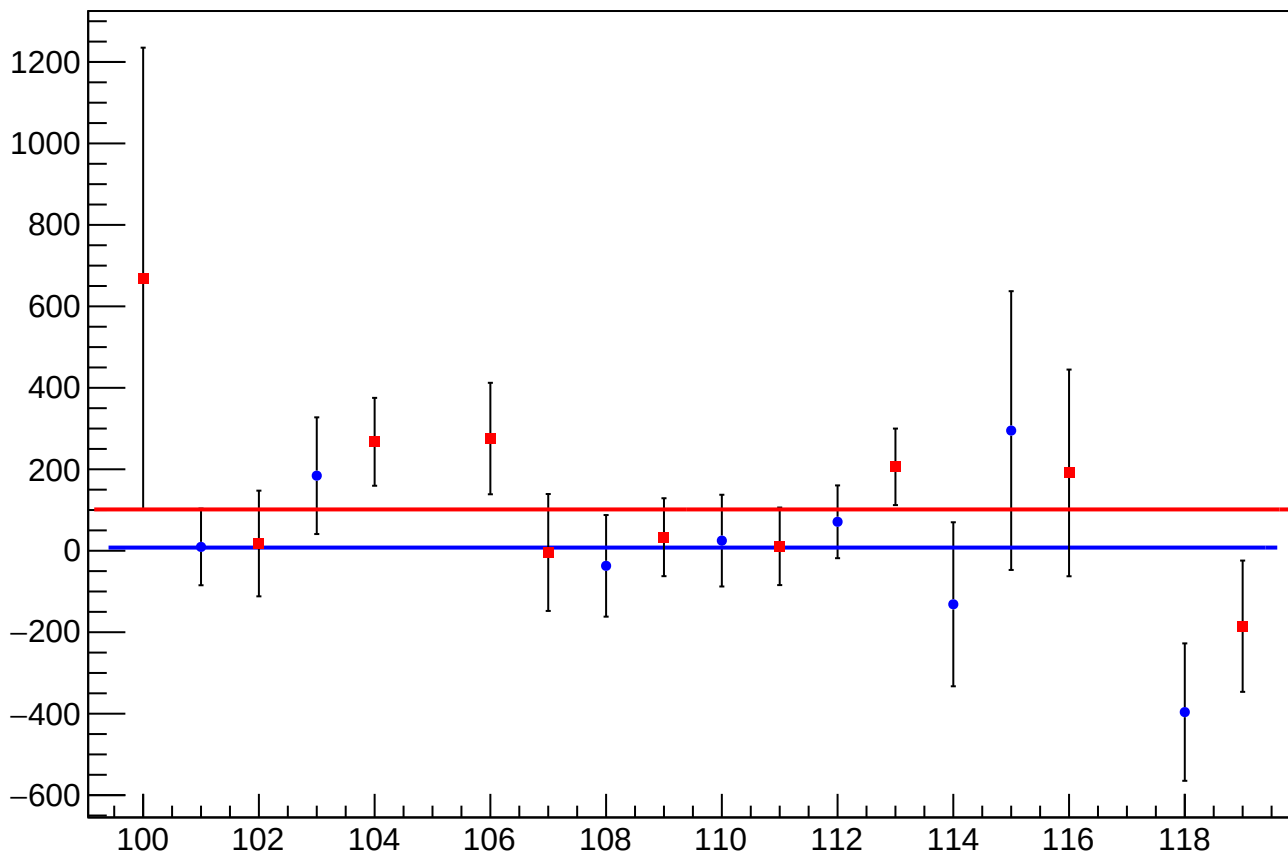
Right: 517.459+/-0.141 χ^2/NDF : 1237538.2/17

In: 526.366+/-0.213 χ^2/NDF : 546343.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 517.459+/-0.141 χ^2/NDF : 1237538.2/17

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 7.802+/-44.794 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.437+/-39.606 χ^2/NDF : 11.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

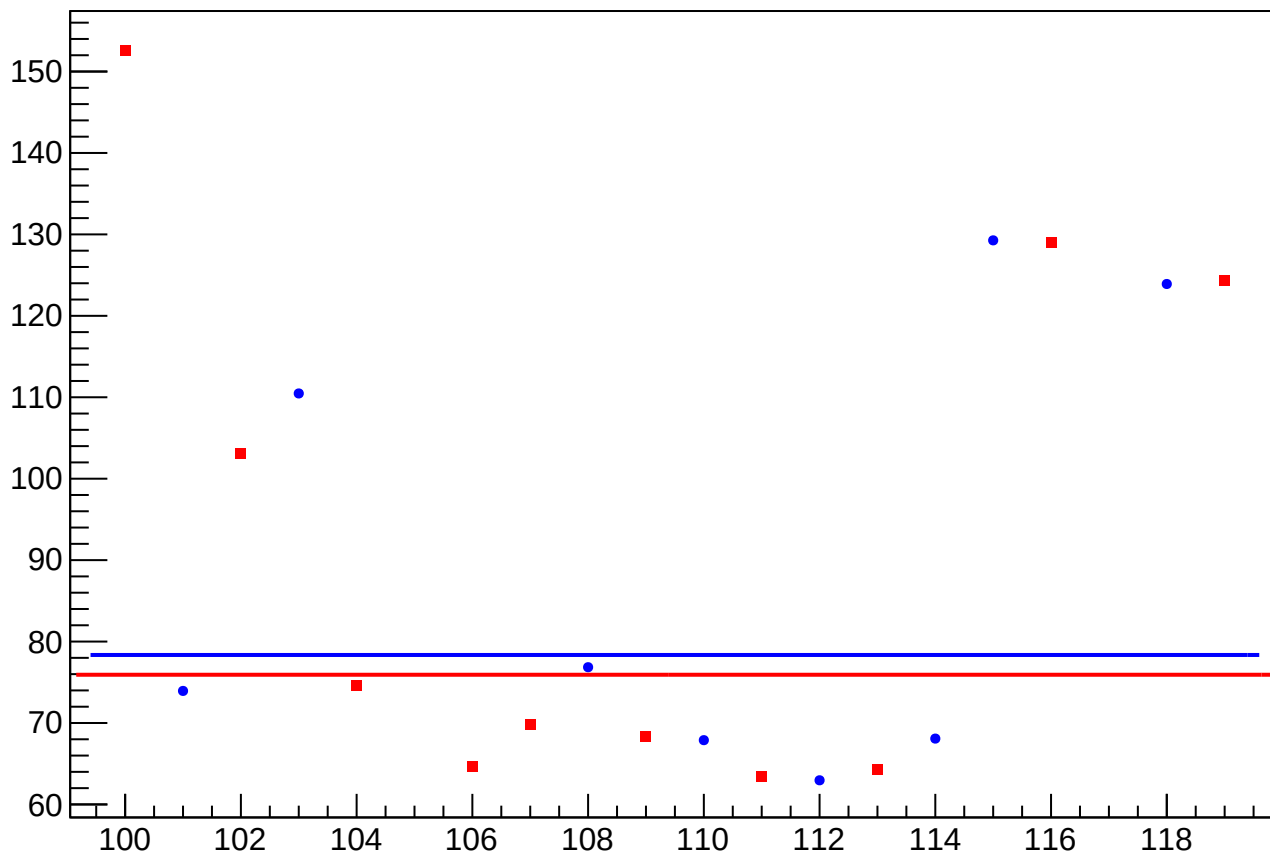
Right: 60.353+/-29.671 χ^2/NDF : 23.4/17

In: 7.802+/-44.794 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.353+/-29.671 χ^2/NDF : 23.4/17

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 78.353+/-0.032 χ^2/NDF : 377166.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.925+/-0.028 χ^2/NDF : 486815.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

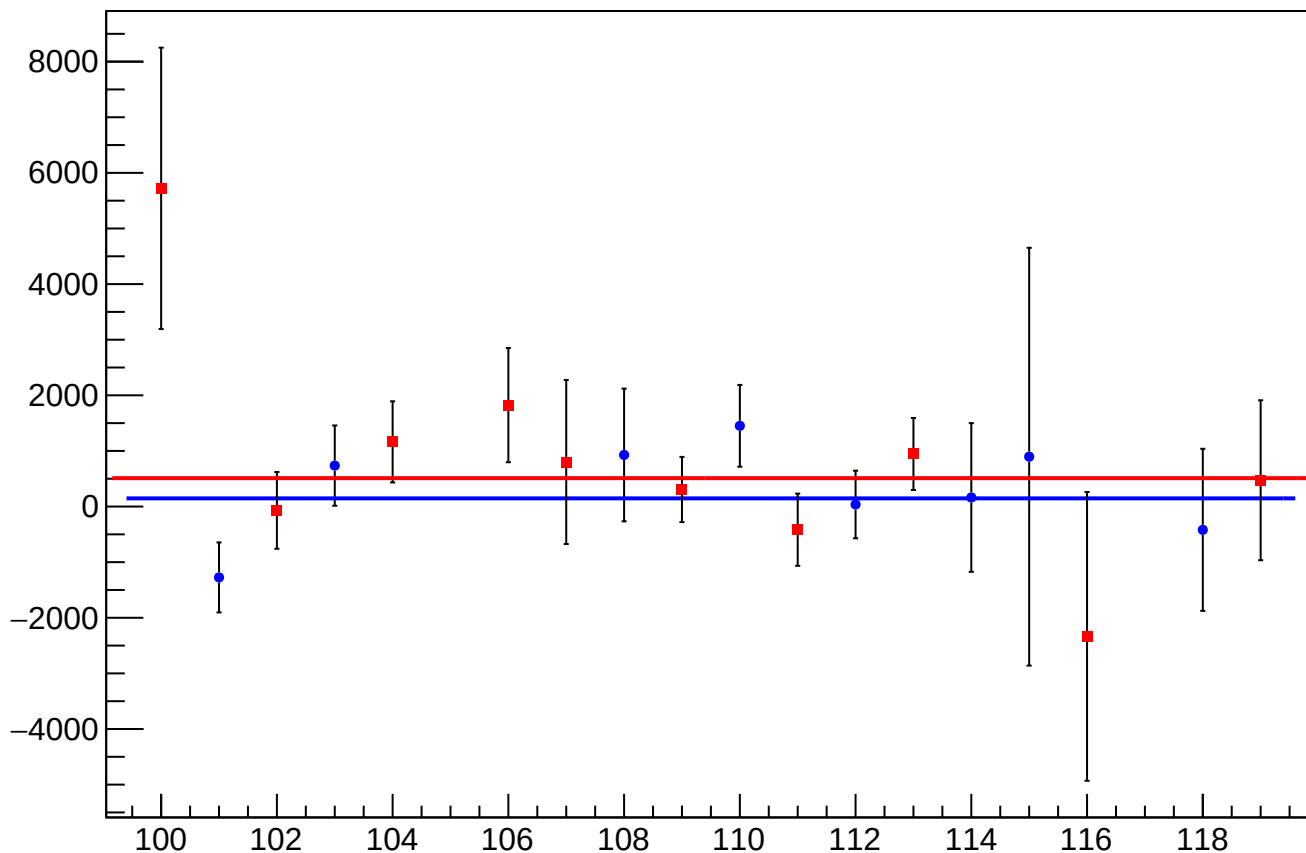
Right: 76.990+/-0.021 χ^2/NDF : 867280.7/17

In: 78.353+/-0.032 χ^2/NDF : 377166.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.990+/-0.021 χ^2/NDF : 867280.7/17

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 147.154+/-304.196 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.563+/-268.787 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

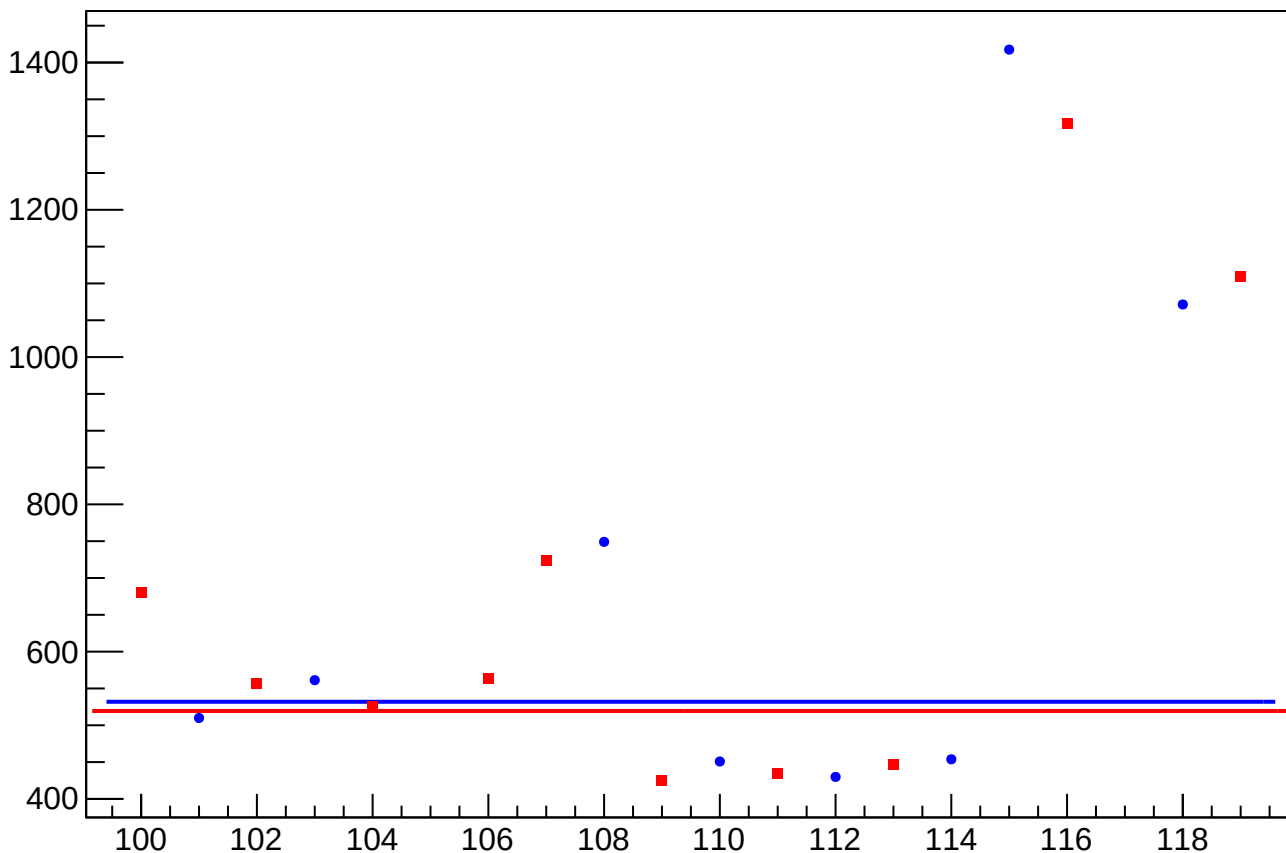
Right: 351.231+/-201.422 χ^2/NDF : 21.6/17

In: 147.154+/-304.196 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.231+/-201.422 χ^2/NDF : 21.6/17

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 531.919+/-0.215 χ^2/NDF : 544812.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.419+/-0.190 χ^2/NDF : 692520.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

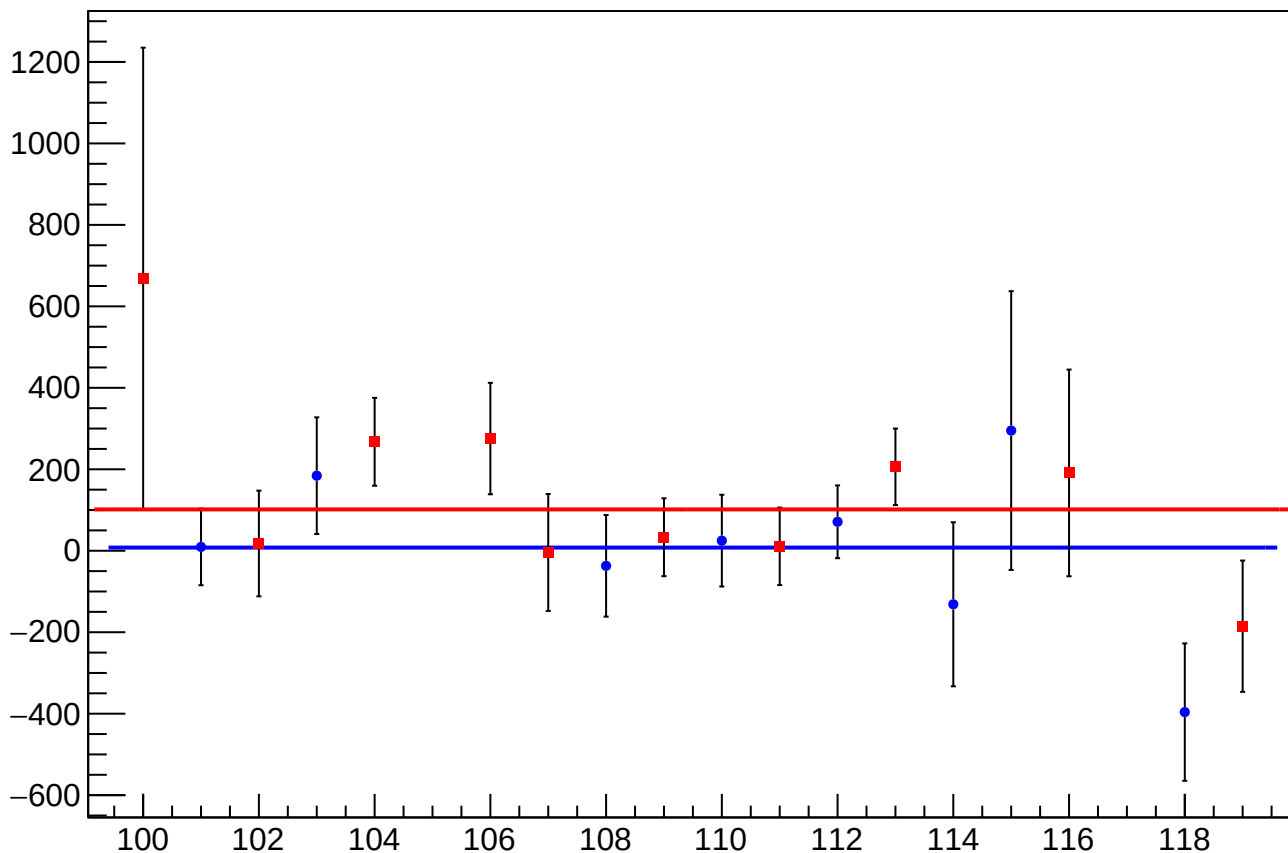
Right: 524.899+/-0.142 χ^2/NDF : 1239229.7/17

In: 531.919+/-0.215 χ^2/NDF : 544812.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.899+/-0.142 χ^2/NDF : 1239229.7/17

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 7.802 $\pm$ 44.794 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 101.437 $\pm$ 39.606 χ^2 /NDF: 11.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

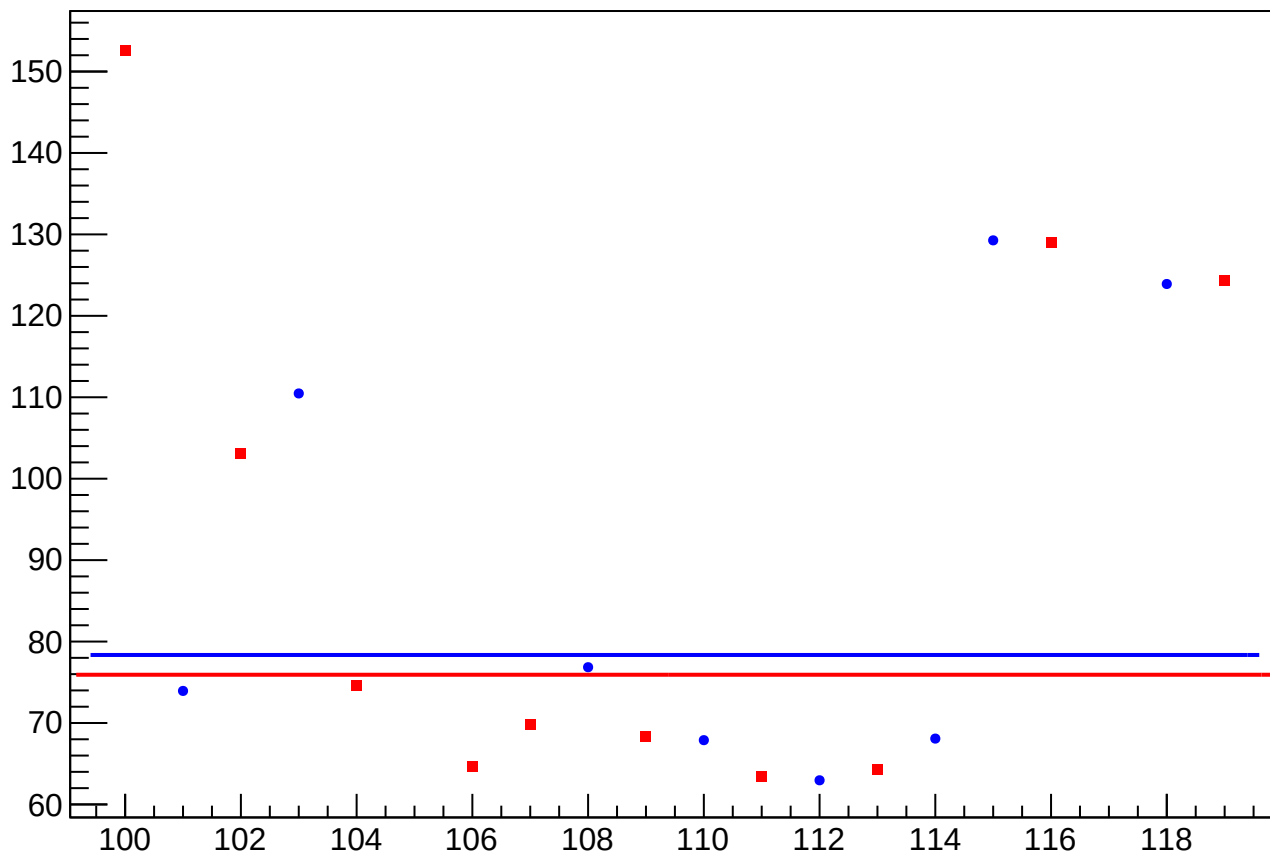
Right: 60.353 $\pm$ 29.671 χ^2 /NDF: 23.4/17

In: 7.802 $\pm$ 44.794 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.353 $\pm$ 29.671 χ^2 /NDF: 23.4/17

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 78.353+/-0.032 χ^2/NDF : 377168.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.925+/-0.028 χ^2/NDF : 486817.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

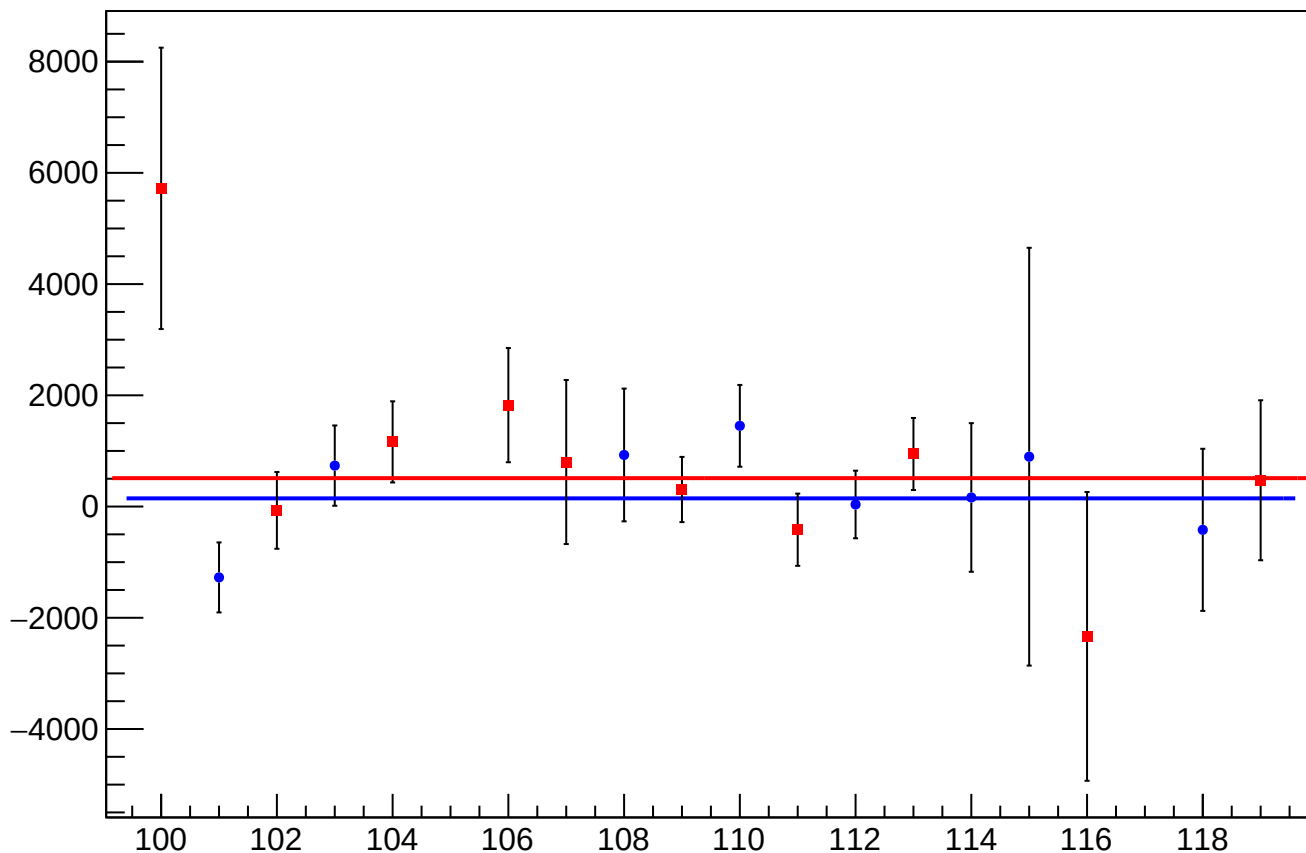
Right: 76.990+/-0.021 χ^2/NDF : 867285.4/17

In: 78.353+/-0.032 χ^2/NDF : 377168.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.990+/-0.021 χ^2/NDF : 867285.4/17

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 147.153+/-304.196 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.562+/-268.786 χ^2/NDF : 11.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

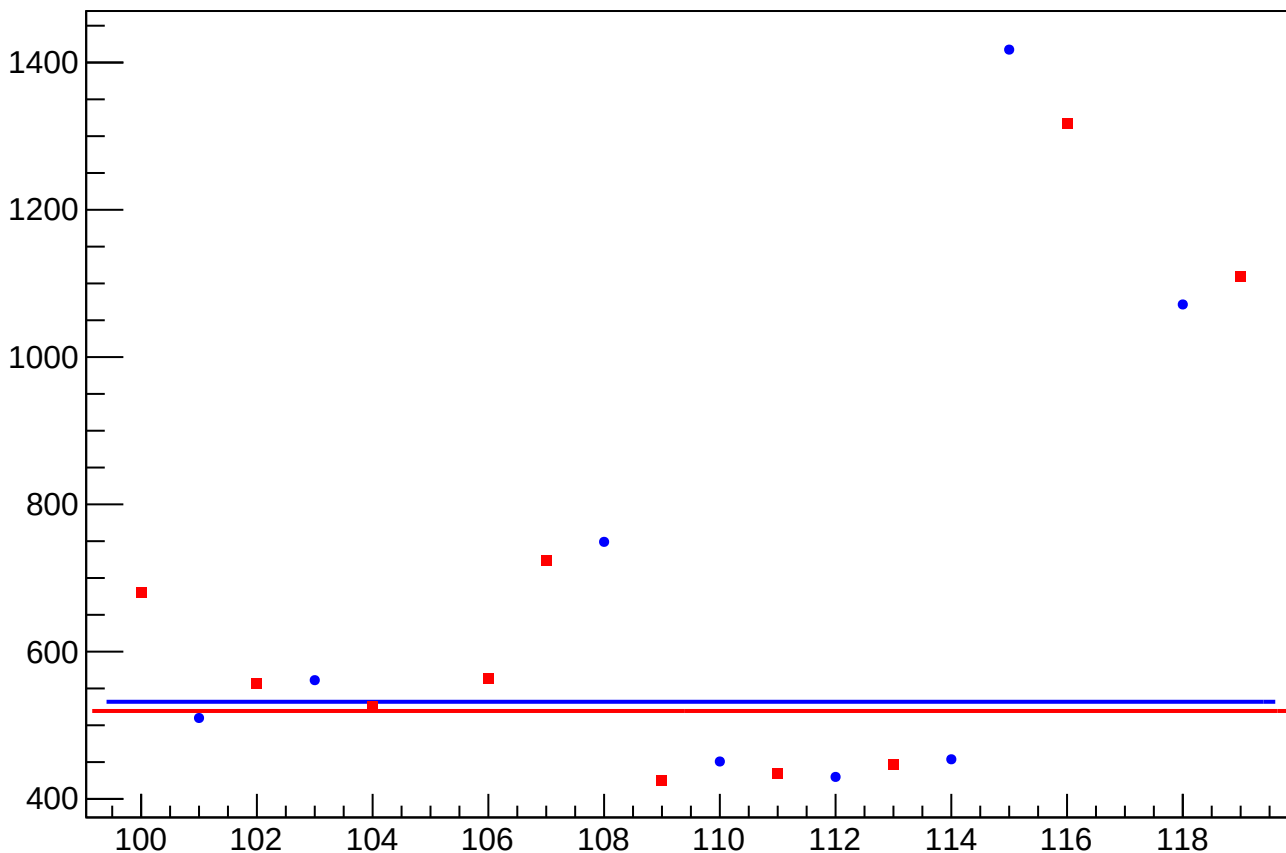
Right: 351.230+/-201.422 χ^2/NDF : 21.6/17

In: 147.153+/-304.196 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.230+/-201.422 χ^2/NDF : 21.6/17

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 531.918+/-0.215 χ^2/NDF : 544814.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 519.418+/-0.190 χ^2/NDF : 692523.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

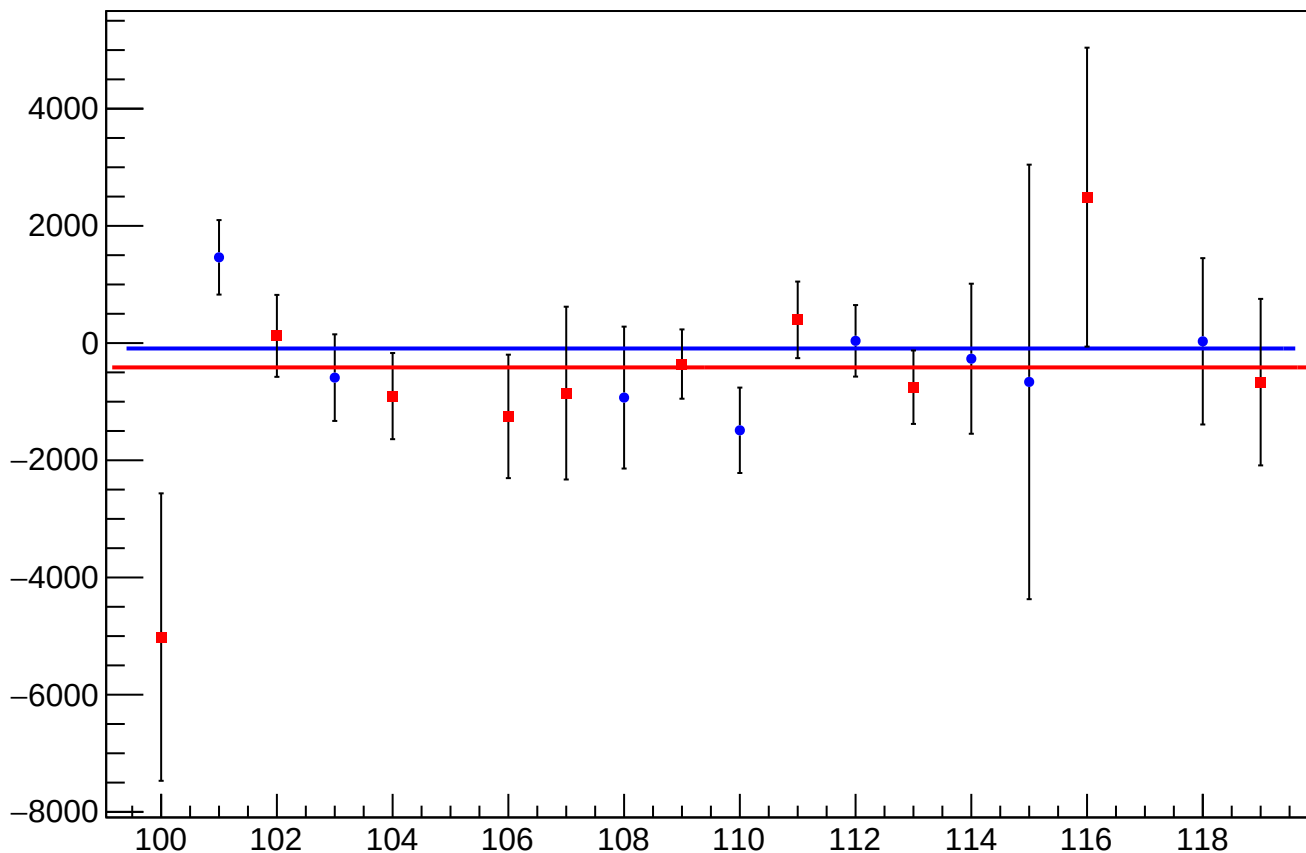
Right: 524.899+/-0.142 χ^2/NDF : 1239234.8/17

In: 531.918+/-0.215 χ^2/NDF : 544814.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.899+/-0.142 χ^2/NDF : 1239234.8/17

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -92.181+/-305.224 χ^2/NDF : 10.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -415.028+/-268.968 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

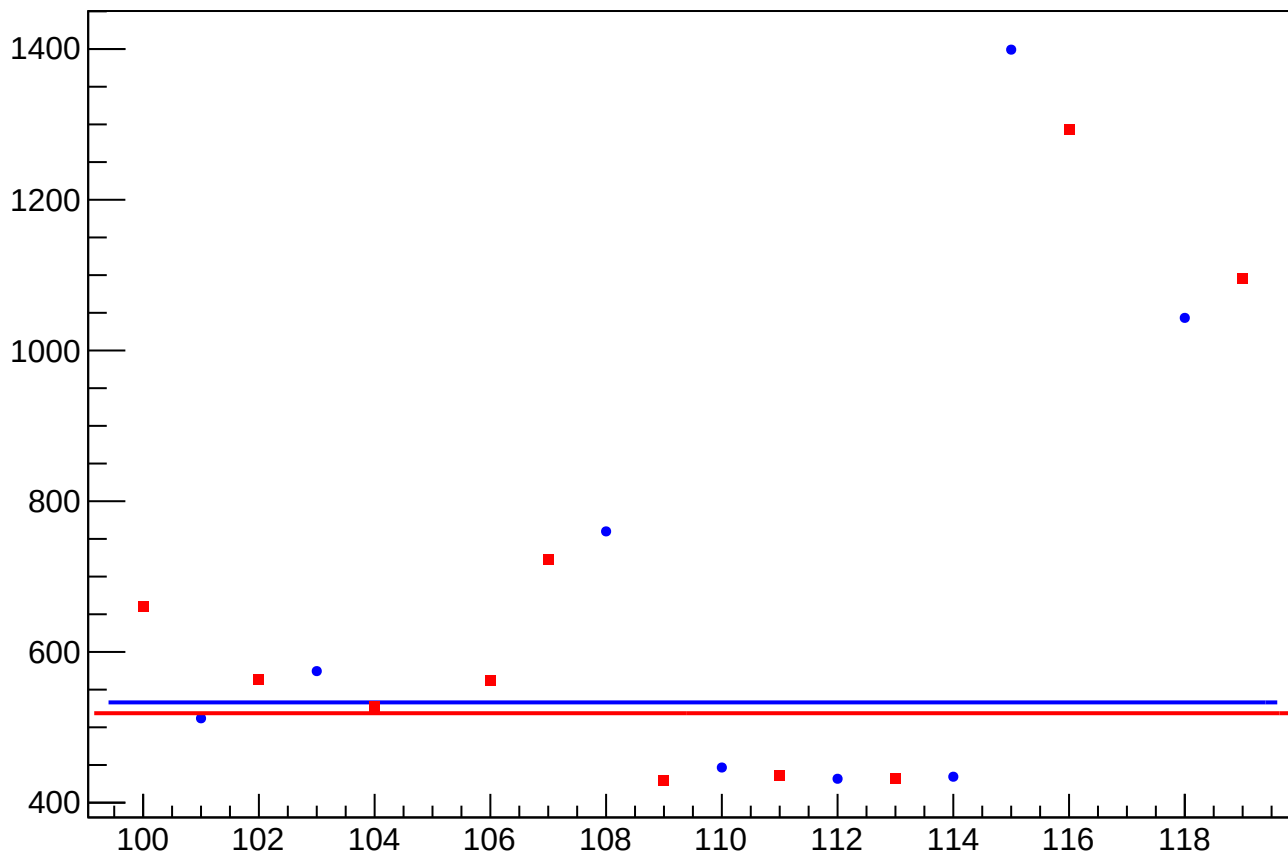
Right: -273.909+/-201.797 χ^2/NDF : 19.8/17

In: -92.181+/-305.224 χ^2/NDF : 10.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -273.909+/-201.797 χ^2/NDF : 19.8/17

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 533.059+/-0.216 χ^2/NDF : 541503.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 518.702+/-0.190 χ^2/NDF : 686378.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

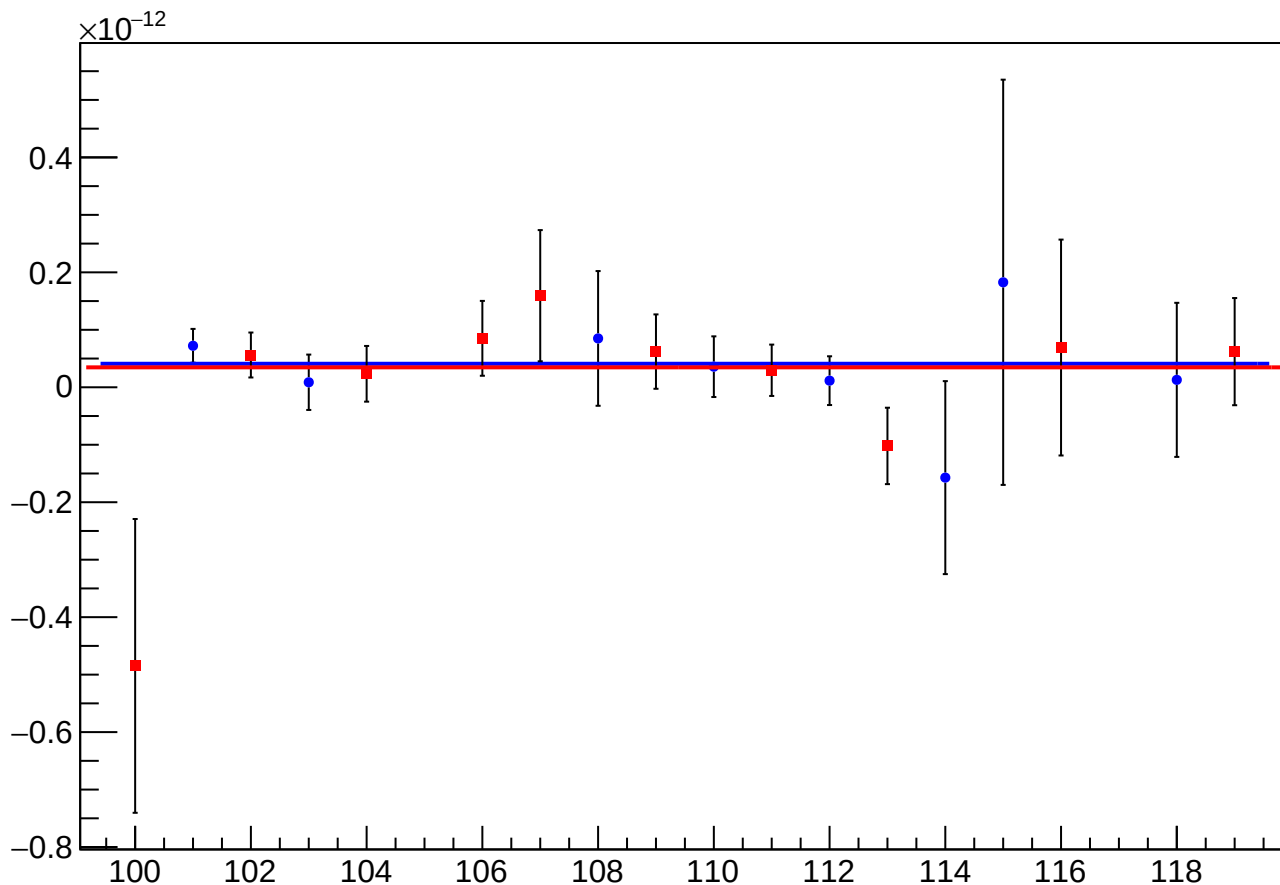
Right: 524.978+/-0.143 χ^2/NDF : 1230372.4/17

In: 533.059+/-0.216 χ^2/NDF : 541503.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.978+/-0.143 χ^2/NDF : 1230372.4/17

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

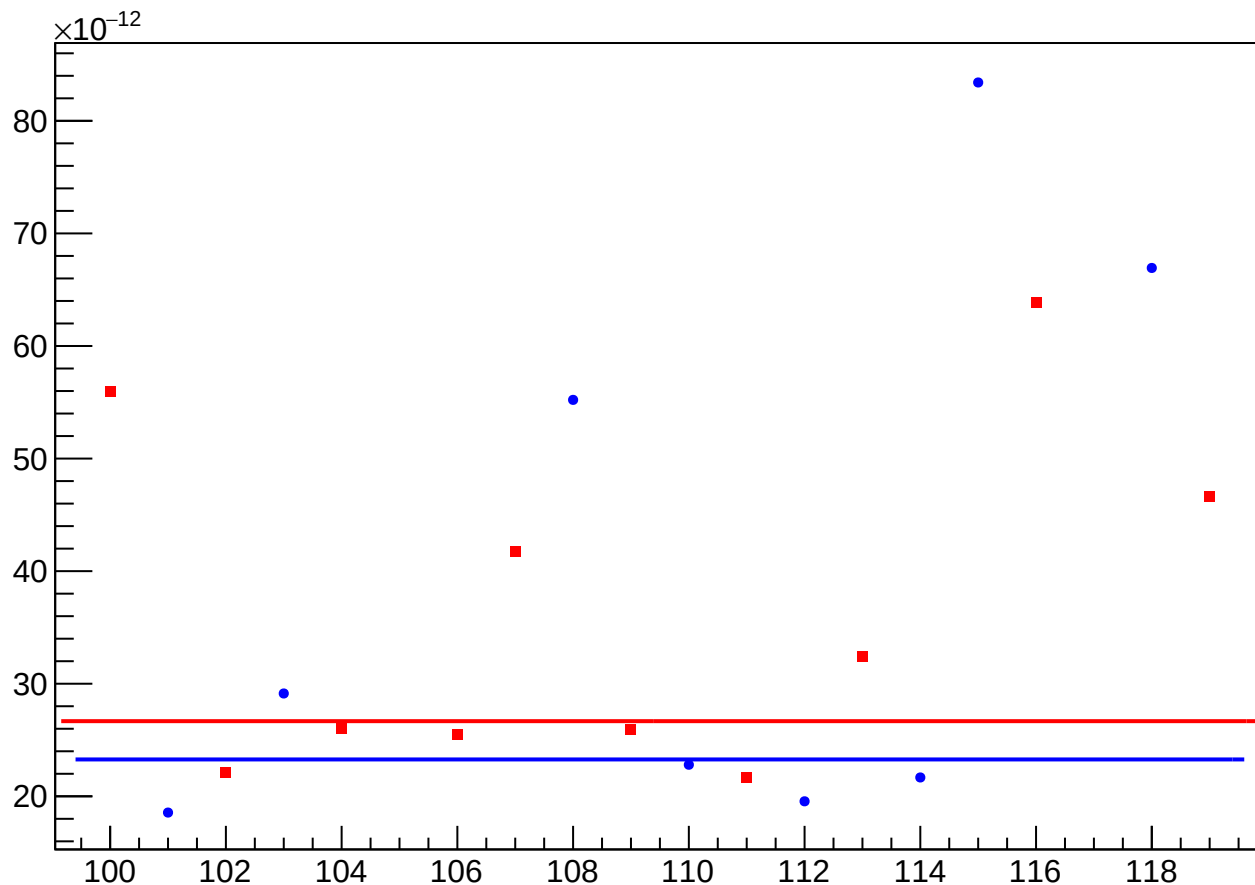
Right: 0.000+/-0.000 χ^2/NDF : 14.7/17

In: 0.000+/-0.000 χ^2/NDF : 3.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/17

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 515790.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 299909.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

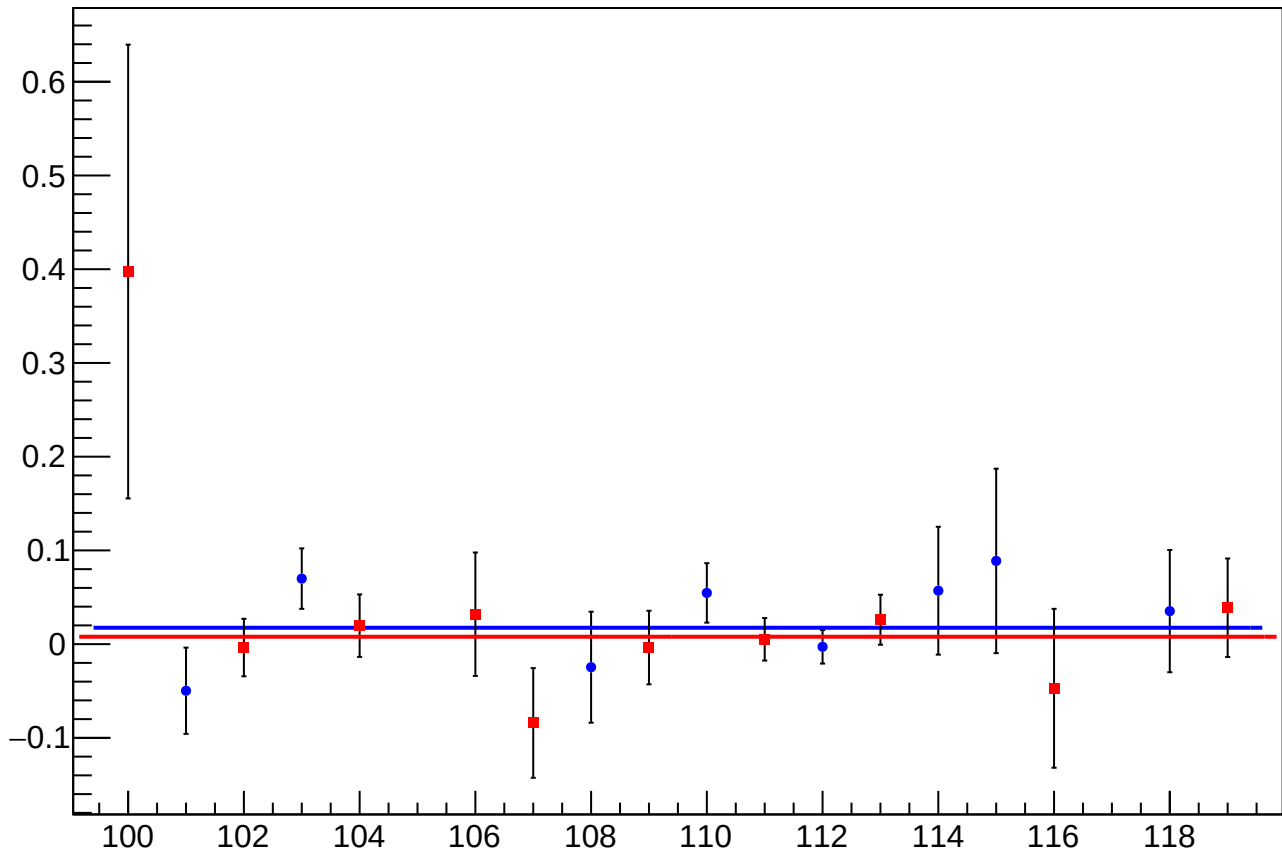
Right: 0.000+/-0.000 χ^2/NDF : 845701.1/17

In: 0.000+/-0.000 χ^2/NDF : 515790.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 845701.1/17

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

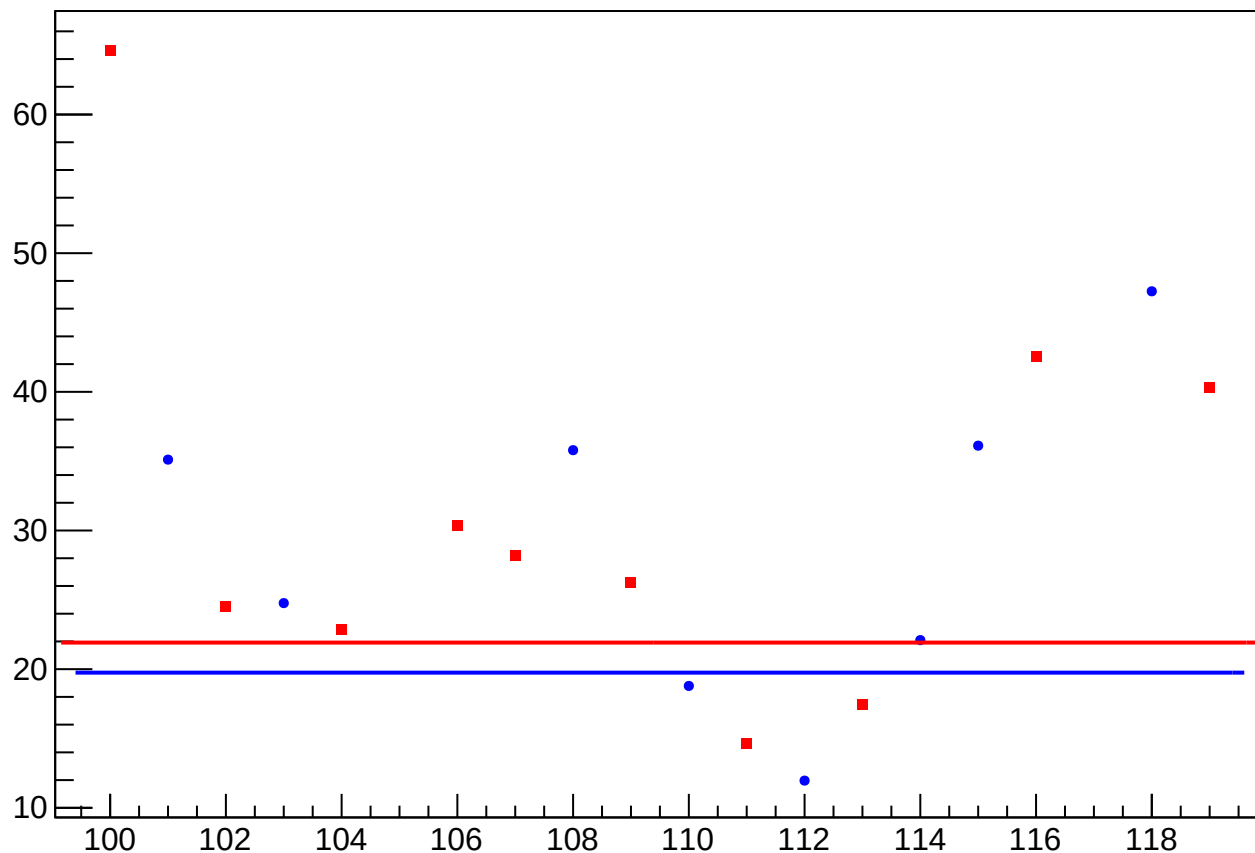
Right: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.750+/-0.009 χ^2/NDF : 1212964.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785320.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

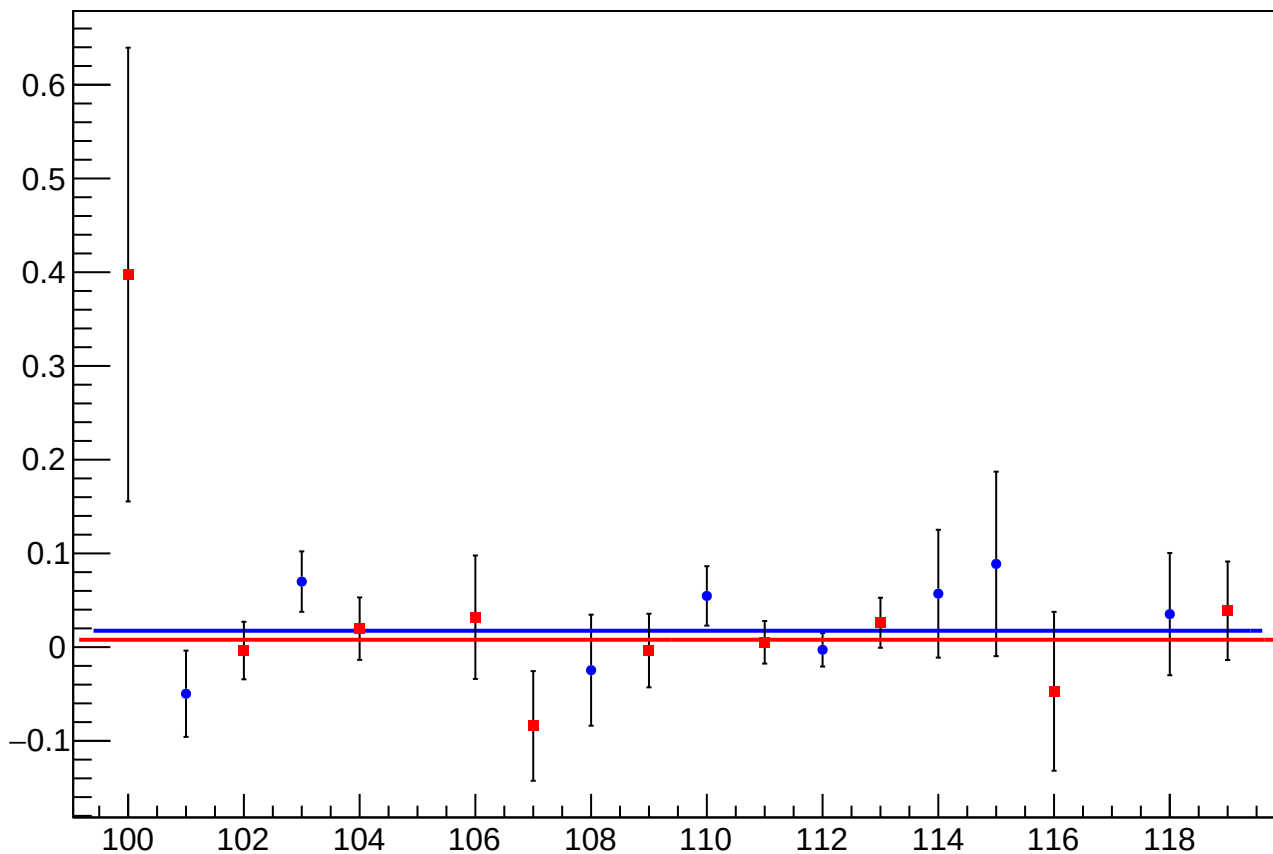
Right: 20.882+/-0.006 χ^2/NDF : 2029689.6/17

In: 19.750+/-0.009 χ^2/NDF : 1212964.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.882+/-0.006 χ^2/NDF : 2029689.6/17

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

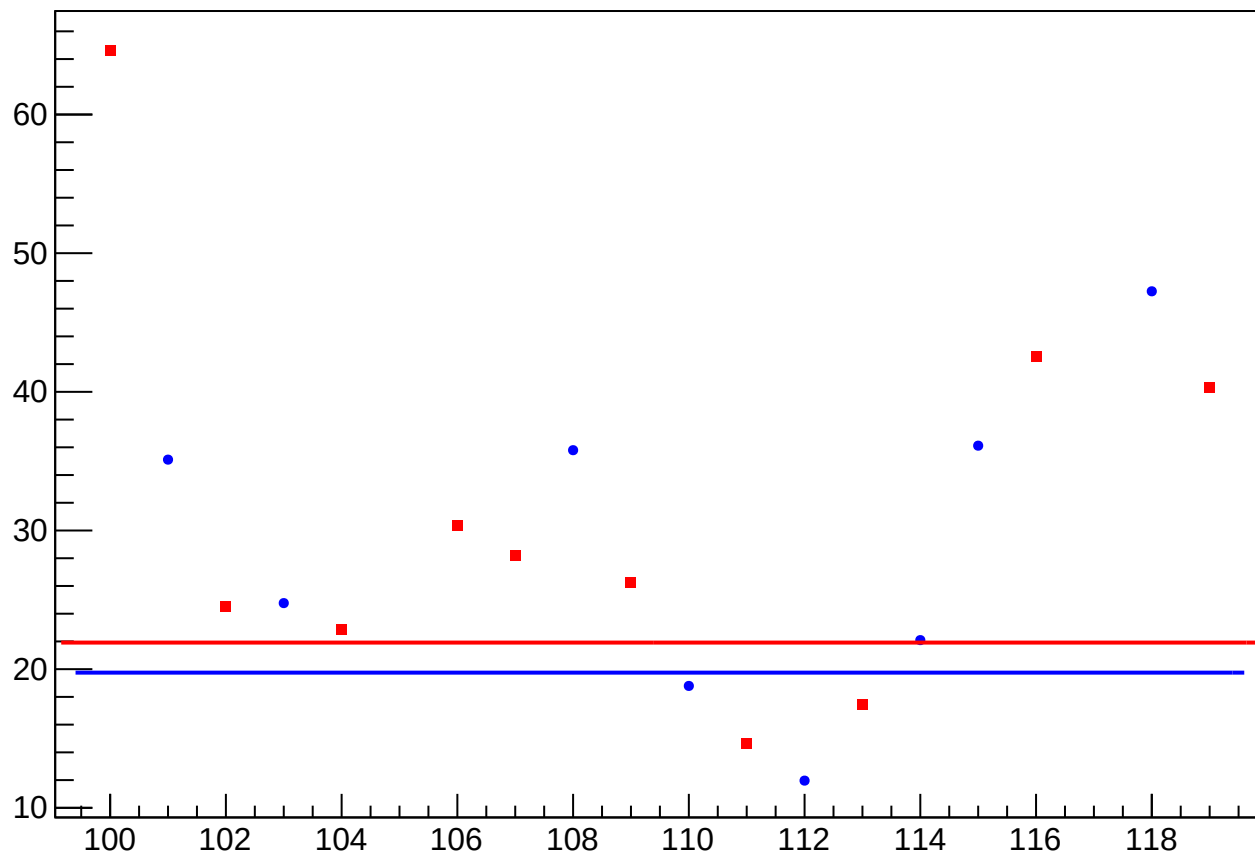
Right: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.750+/-0.009 χ^2/NDF : 1212964.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785320.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

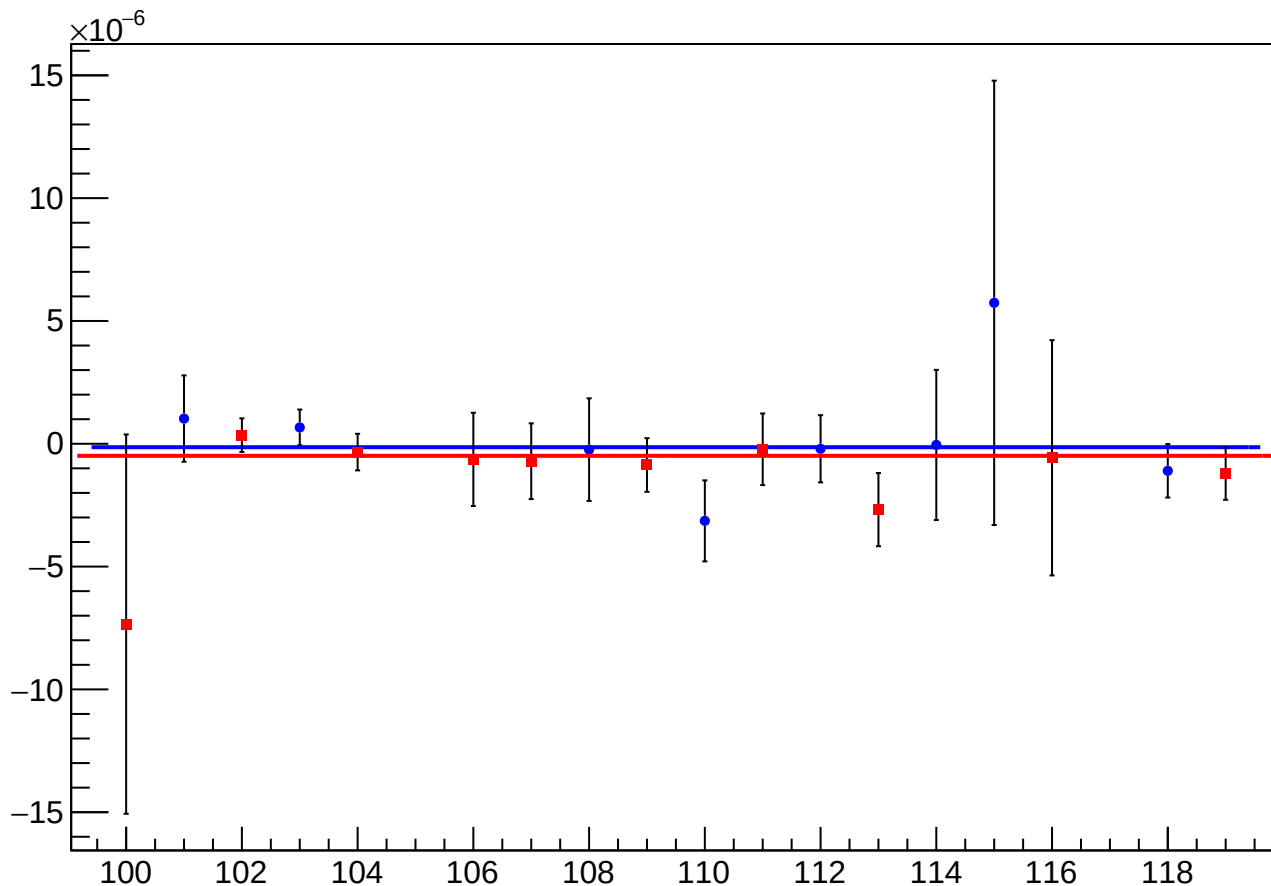
Right: 20.882+/-0.006 χ^2/NDF : 2029689.6/17

In: 19.750+/-0.009 χ^2/NDF : 1212964.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.882+/-0.006 χ^2/NDF : 2029689.6/17

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

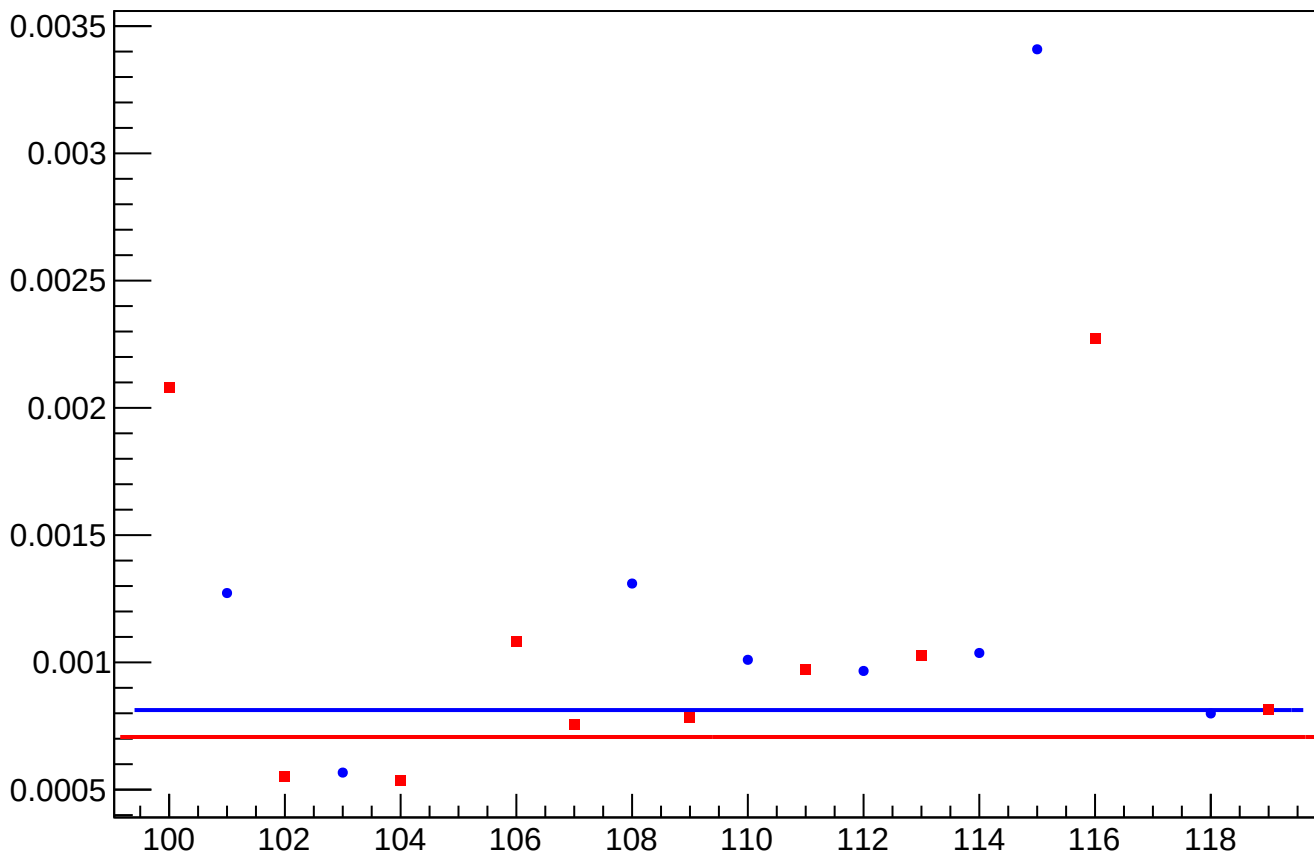
Right: -0.000+/-0.000 χ^2/NDF : 11.6/17

In: -0.000+/-0.000 χ^2/NDF :6.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/17

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 706987.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 756063.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

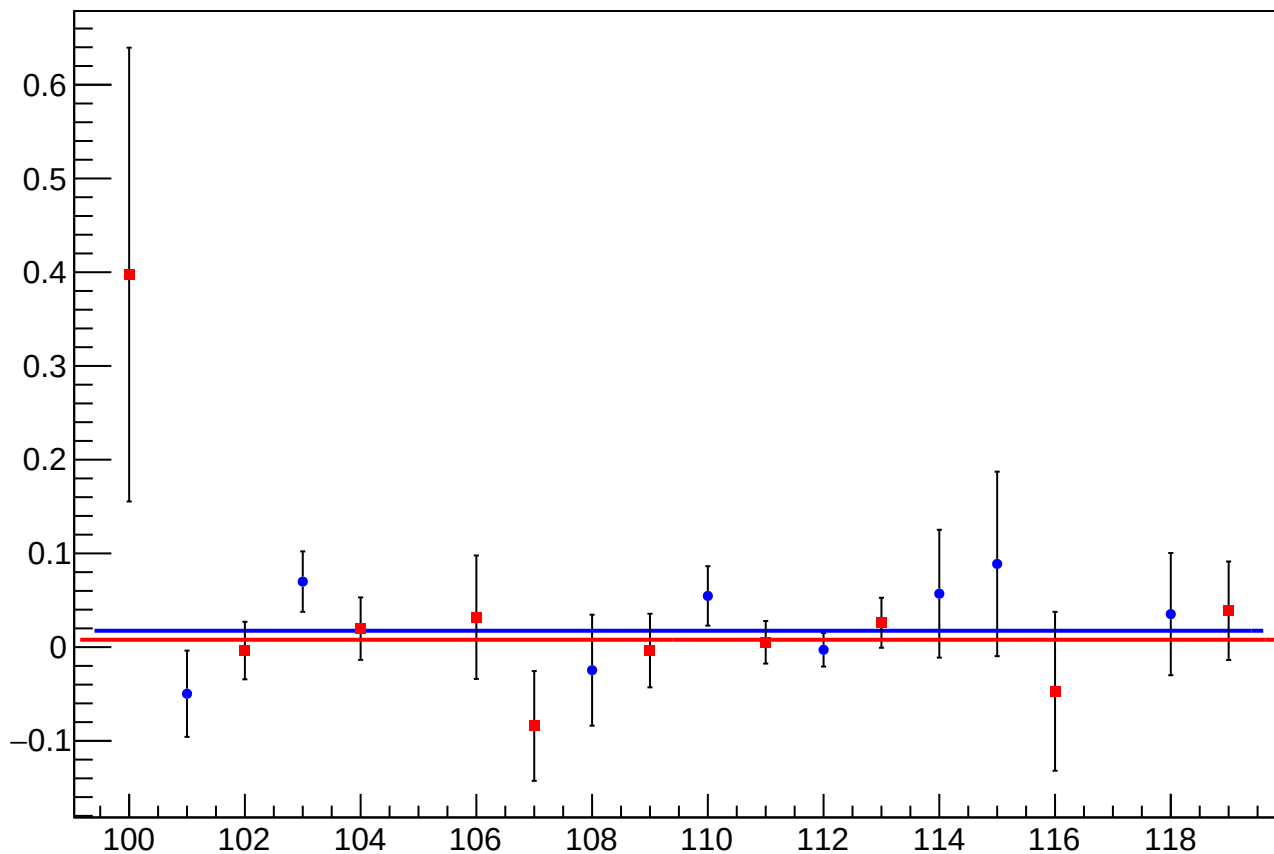
Right: 0.001+/-0.000 χ^2/NDF : 1523778.9/17

In: 0.001+/-0.000 χ^2/NDF :706987.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1523778.9/17

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

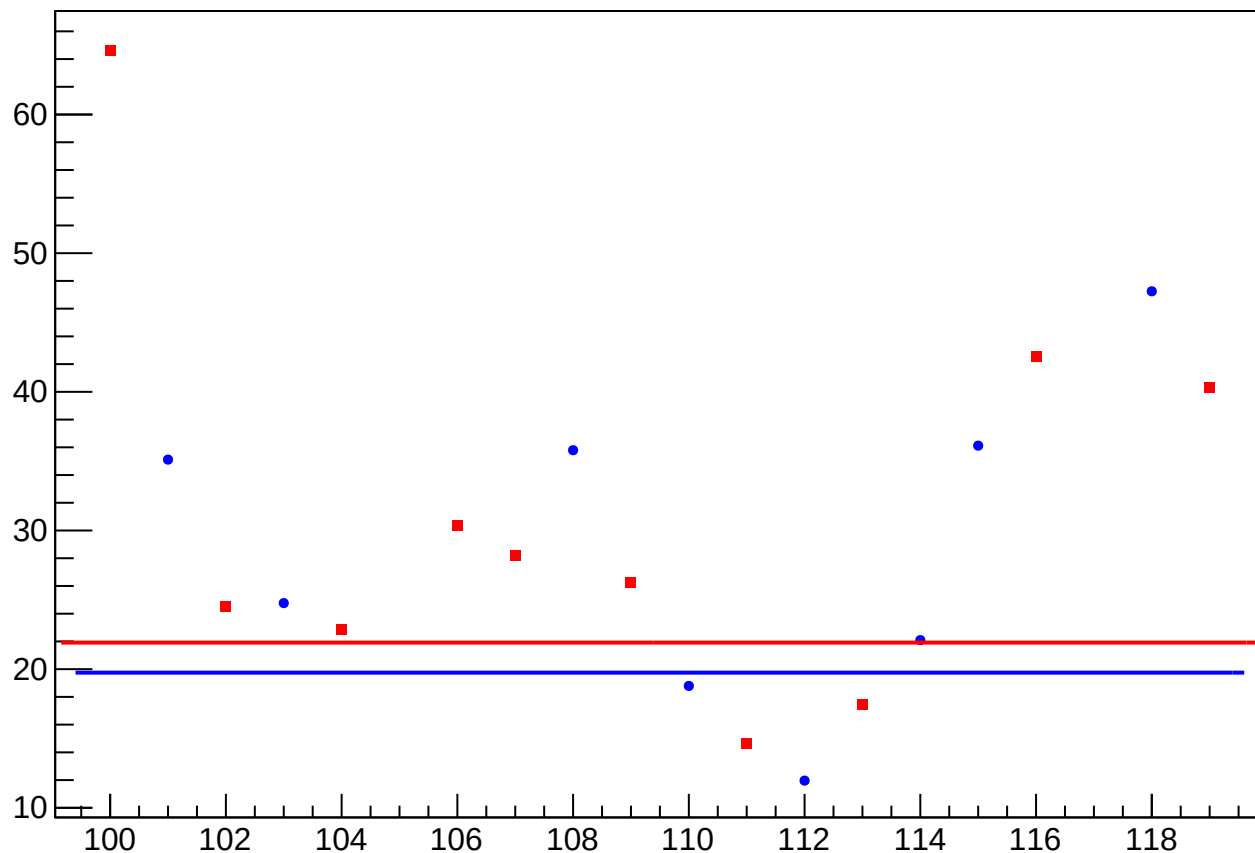
Right: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: 0.017 $\pm$ 0.013 χ^2 /NDF:8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.749+/-0.009 χ^2/NDF : 1213058.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785403.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

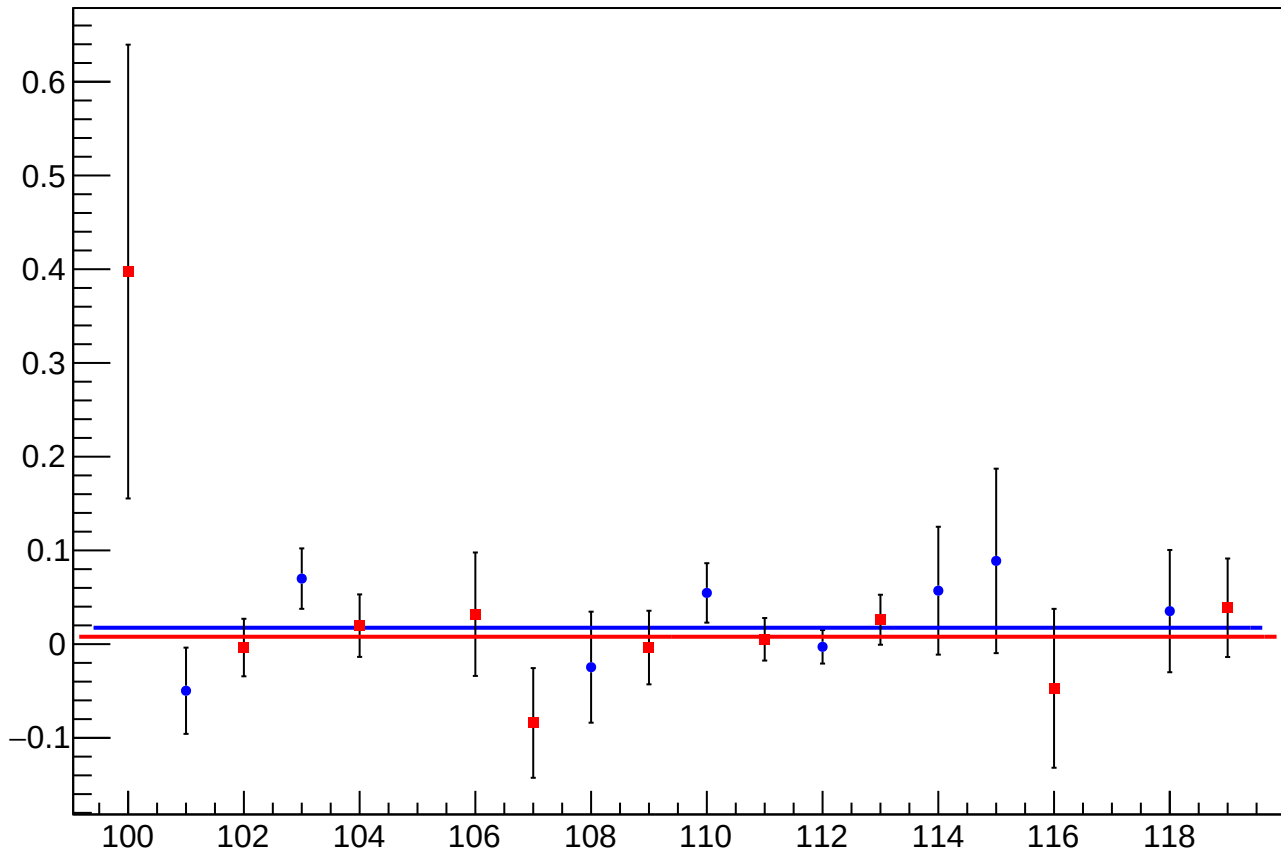
Right: 20.882+/-0.006 χ^2/NDF : 2029872.2/17

In: 19.749+/-0.009 χ^2/NDF : 1213058.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.882+/-0.006 χ^2/NDF : 2029872.2/17

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.012 χ^2 /NDF: 6.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

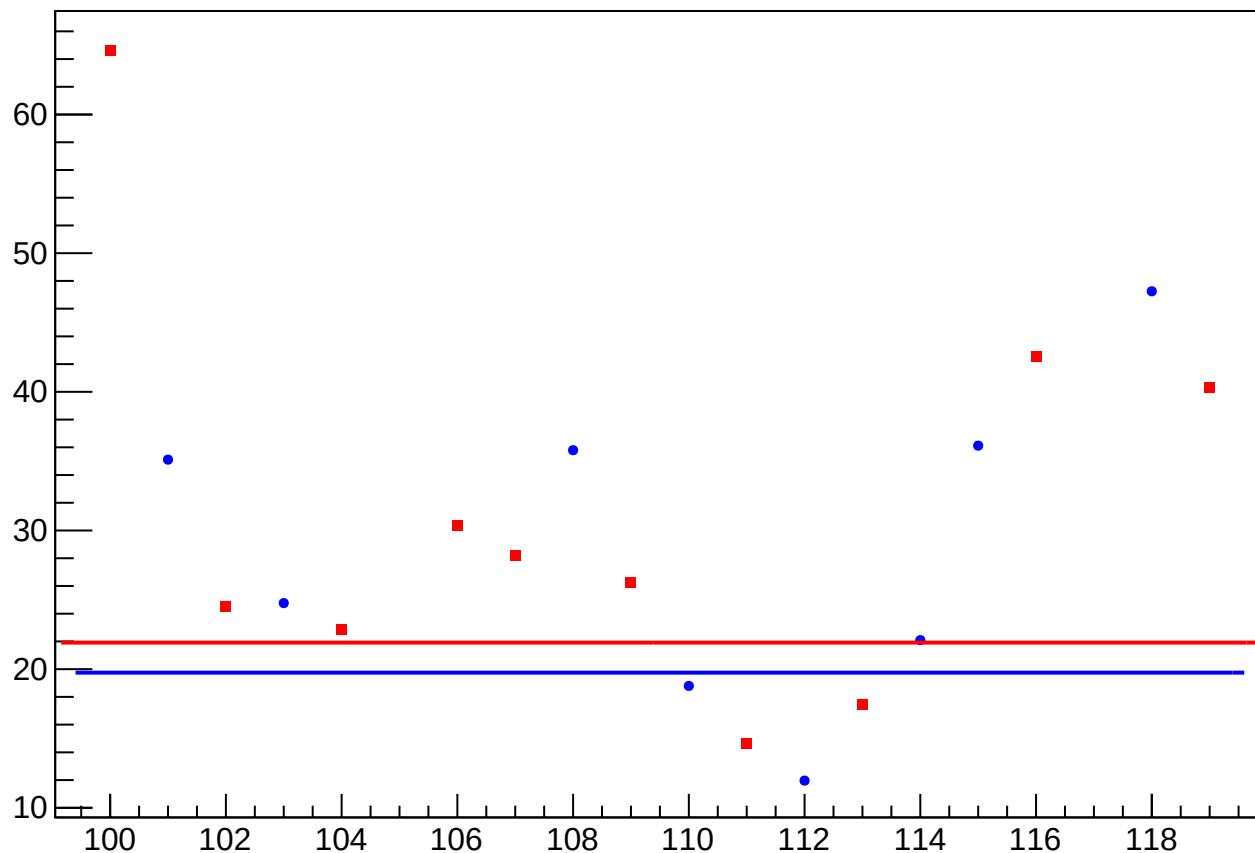
Right: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: 0.017 $\pm$ 0.013 χ^2 /NDF: 8.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 19.749+/-0.009 χ^2/NDF : 1213058.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.917+/-0.008 χ^2/NDF : 785403.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

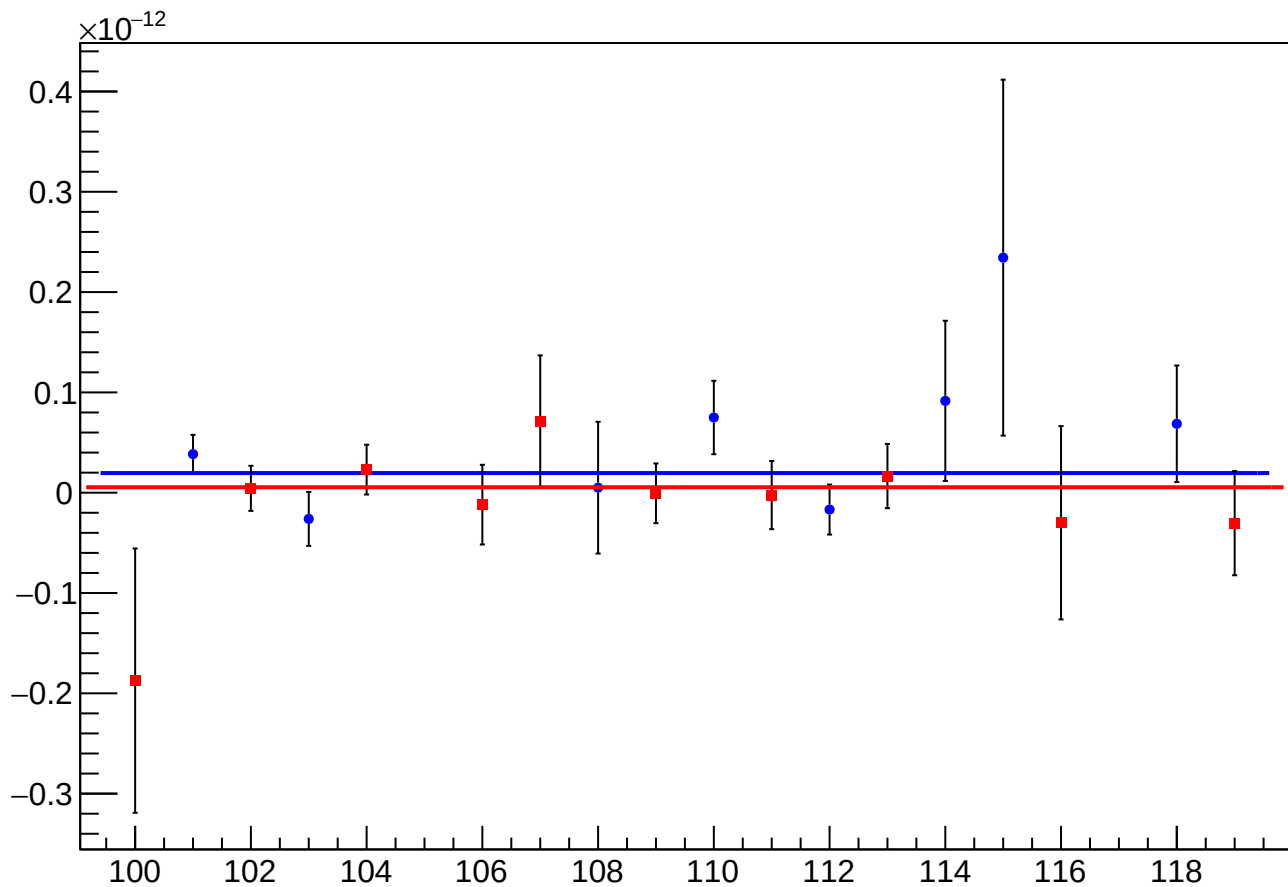
Right: 20.882+/-0.006 χ^2/NDF : 2029872.2/17

In: 19.749+/-0.009 χ^2/NDF : 1213058.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.882+/-0.006 χ^2/NDF : 2029872.2/17

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

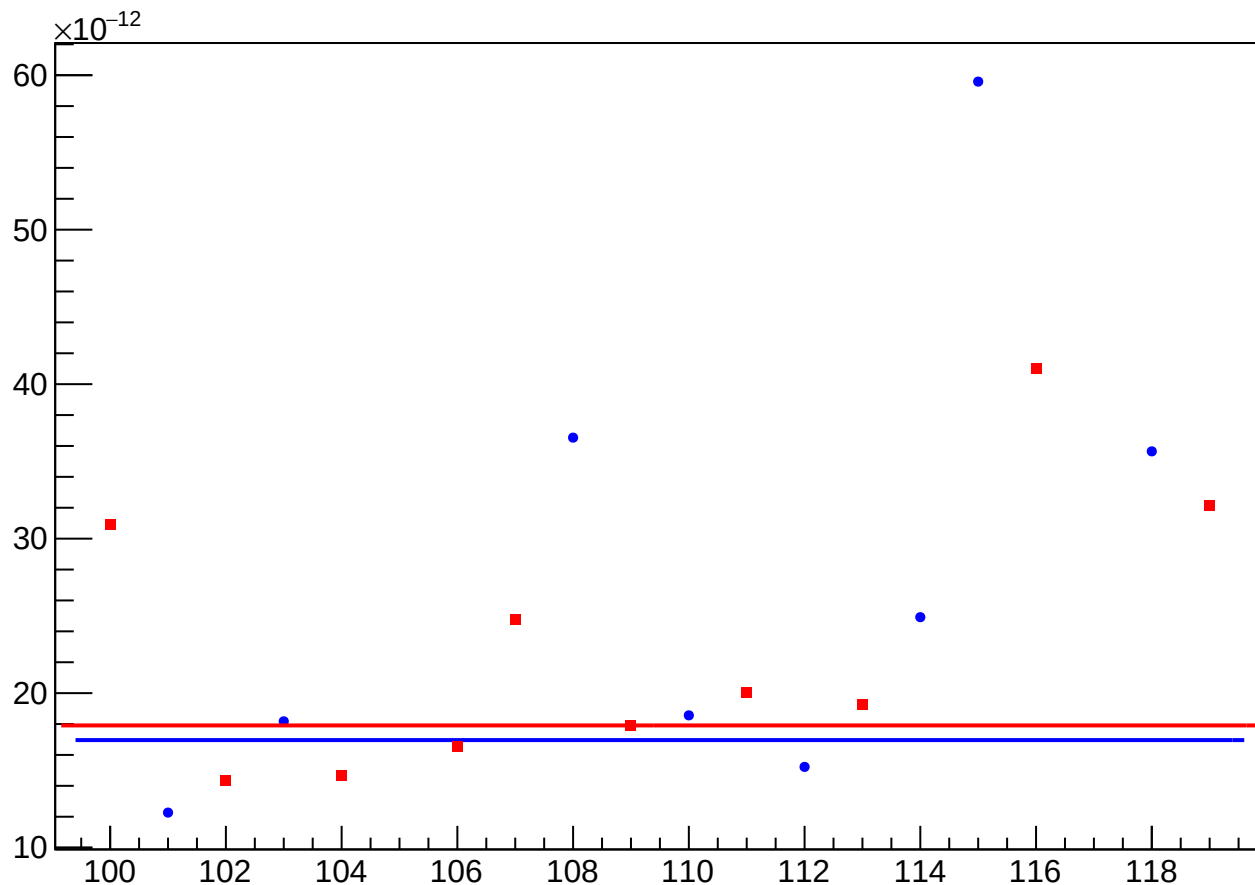
Right: 0.000+/-0.000 χ^2/NDF : 16.8/17

In: 0.000+/-0.000 χ^2/NDF : 11.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.8/17

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 657215.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 406381.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

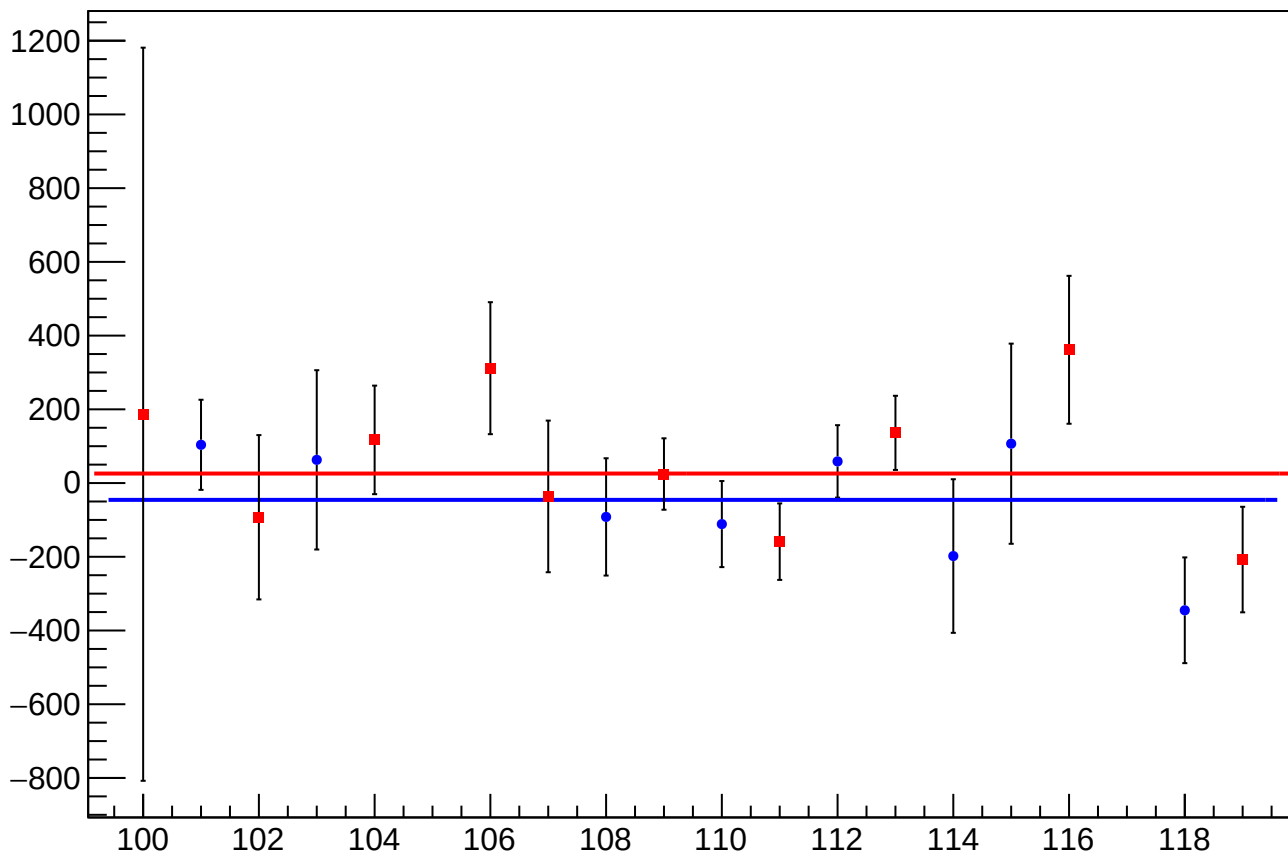
Right: 0.000+/-0.000 χ^2/NDF : 1070403.5/17

In: 0.000+/-0.000 χ^2/NDF : 657215.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1070403.5/17

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -45.615+/-50.930 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.810+/-44.989 χ^2/NDF : 13.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

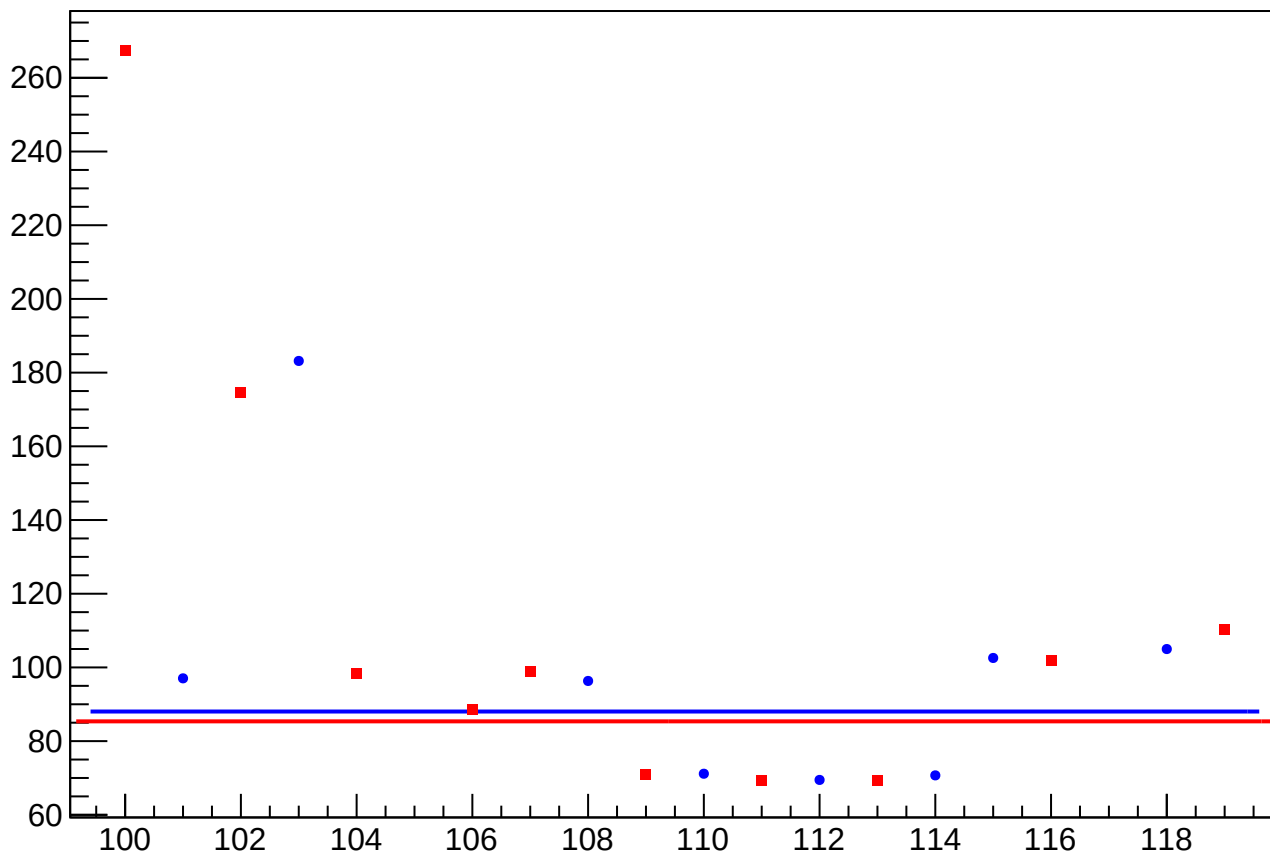
Right: -5.495+/-33.718 χ^2/NDF : 22.7/17

In: -45.615+/-50.930 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.495+/-33.718 χ^2/NDF : 22.7/17

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 88.034+/-0.036 χ^2/NDF : 482993.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.364+/-0.032 χ^2/NDF : 630362.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

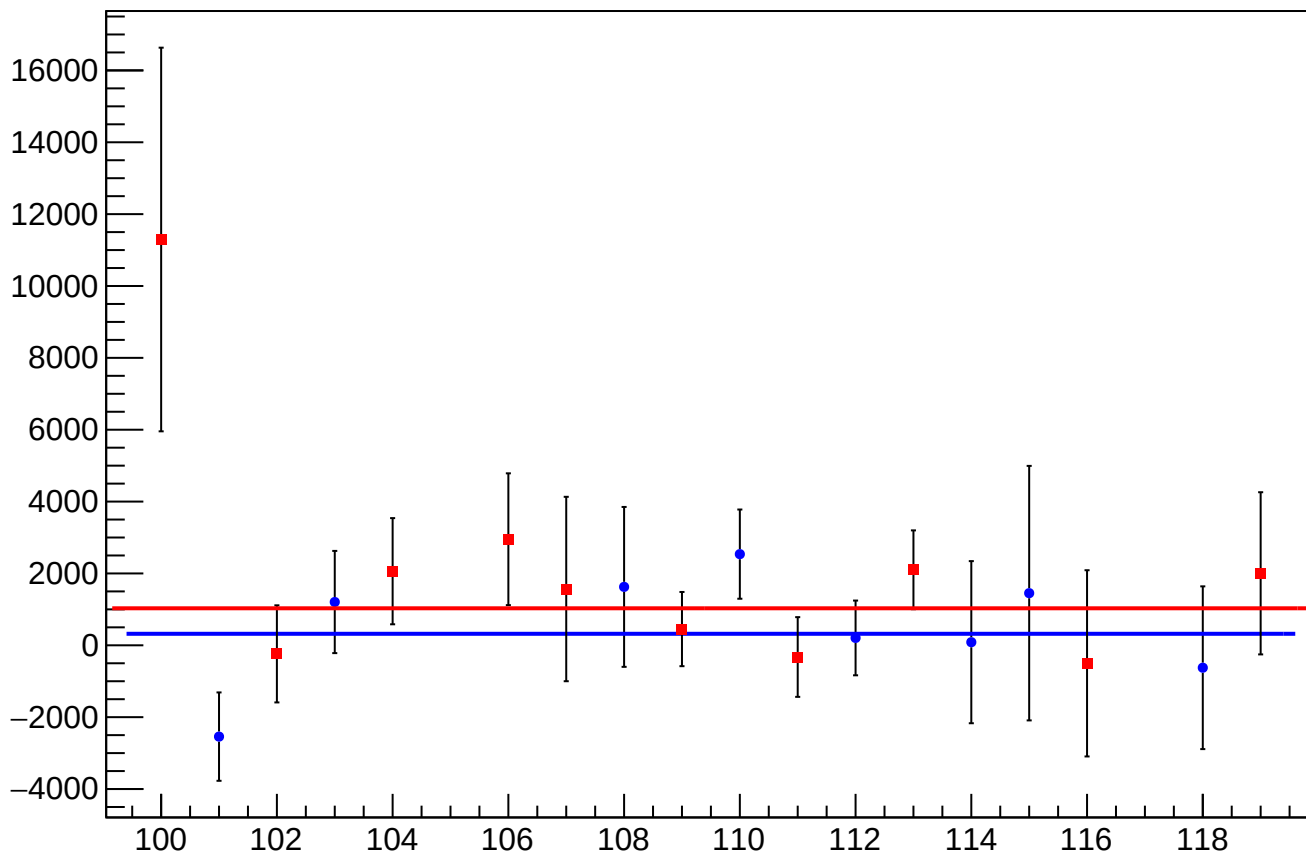
Right: 86.535+/-0.024 χ^2/NDF : 1116442.4/17

In: 88.034+/-0.036 χ^2/NDF : 482993.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.535+/-0.024 χ^2/NDF : 1116442.4/17

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 320.419+/-542.175 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1030.072+/-475.820 χ^2/NDF : 9.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

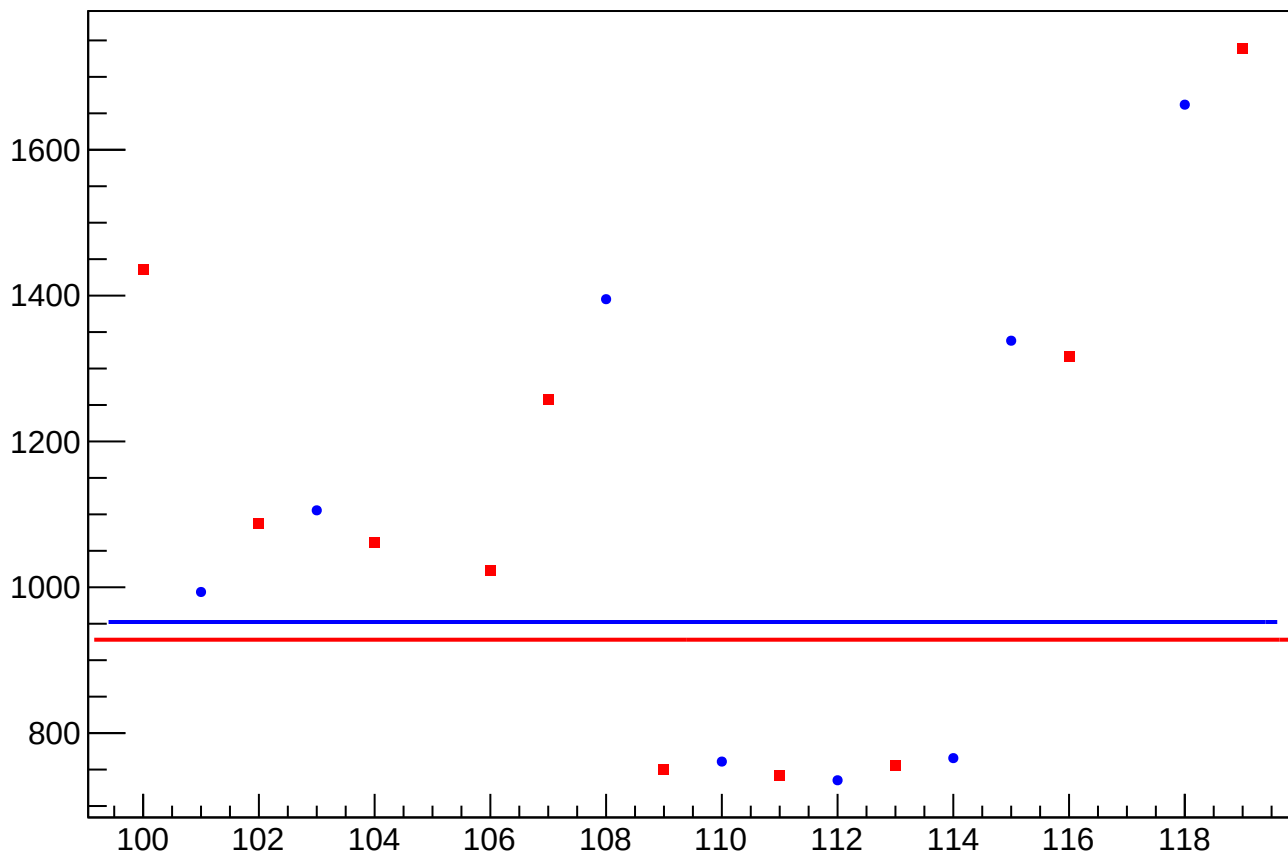
Right: 721.306+/-357.628 χ^2/NDF : 20.1/17

In: 320.419+/-542.175 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.306+/-357.628 χ^2/NDF : 20.1/17

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 952.375+/-0.383 χ^2/NDF : 472985.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.090+/-0.336 χ^2/NDF : 569317.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

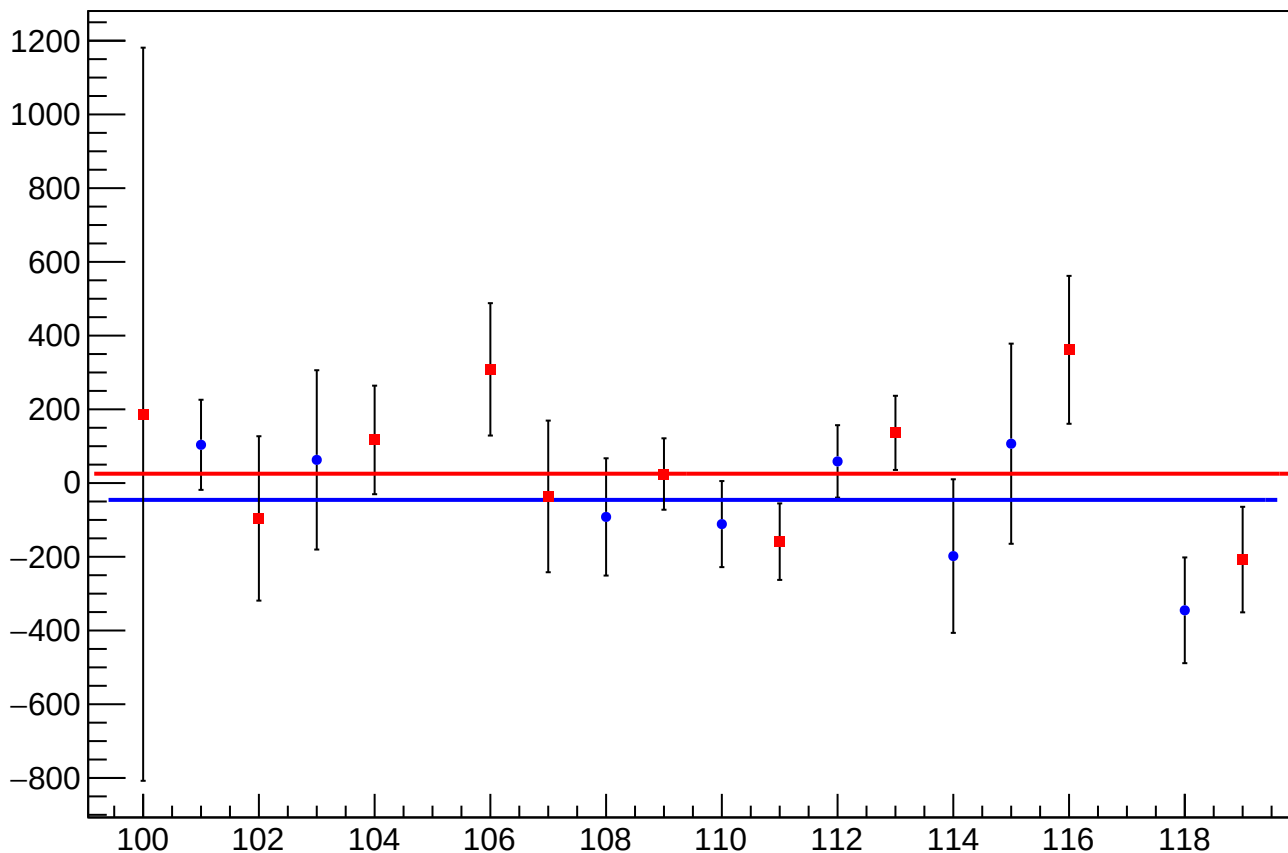
Right: 938.657+/-0.253 χ^2/NDF : 1044569.1/17

In: 952.375+/-0.383 χ^2/NDF : 472985.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.657+/-0.253 χ^2/NDF : 1044569.1/17

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -45.640 ± 50.930 χ^2/NDF : 8.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 25.365 ± 44.998 χ^2/NDF : 13.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

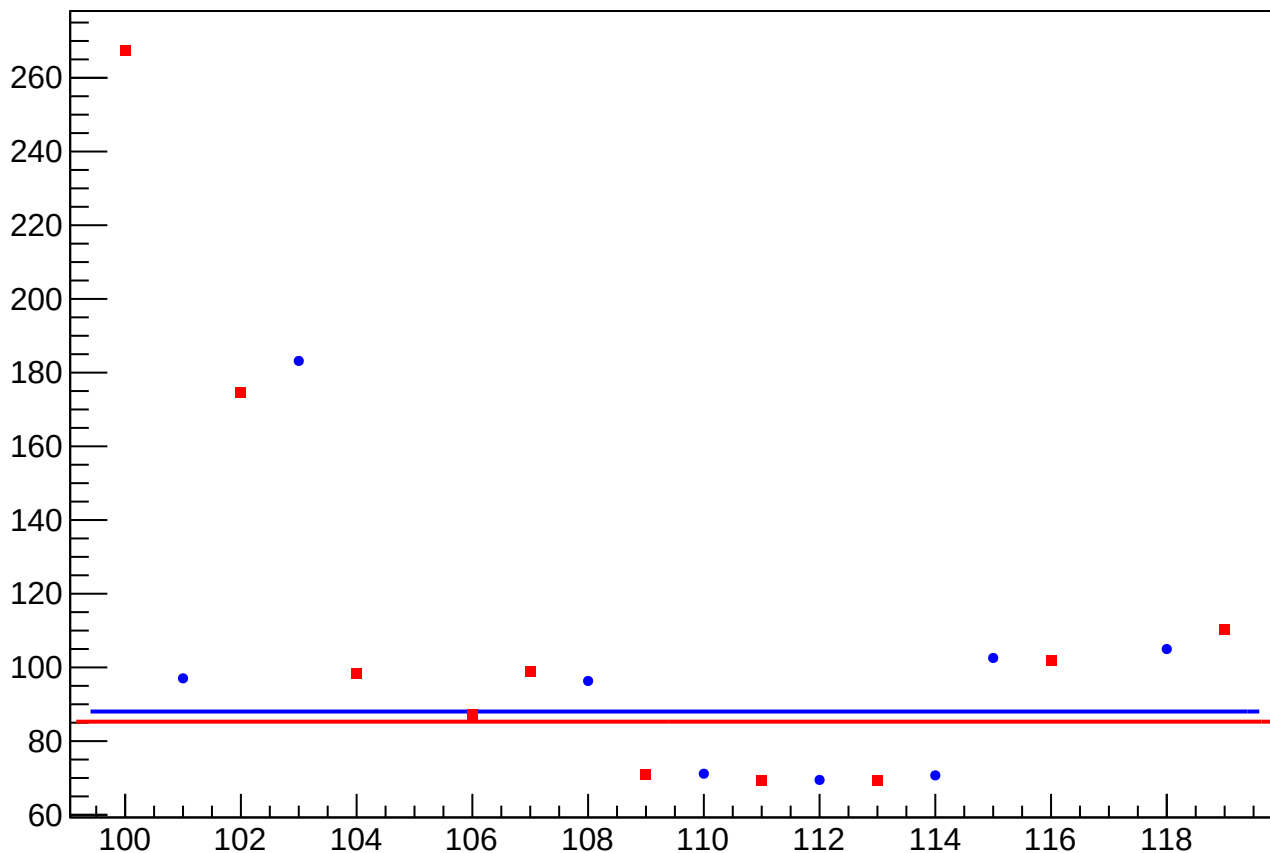
Right: -5.764 ± 33.722 χ^2/NDF : 22.6/17

In: -45.640 ± 50.930 χ^2/NDF : 8.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.764 ± 33.722 χ^2/NDF : 22.6/17

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 88.034+/-0.036 χ^2/NDF : 482996.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.281+/-0.032 χ^2/NDF : 630168.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

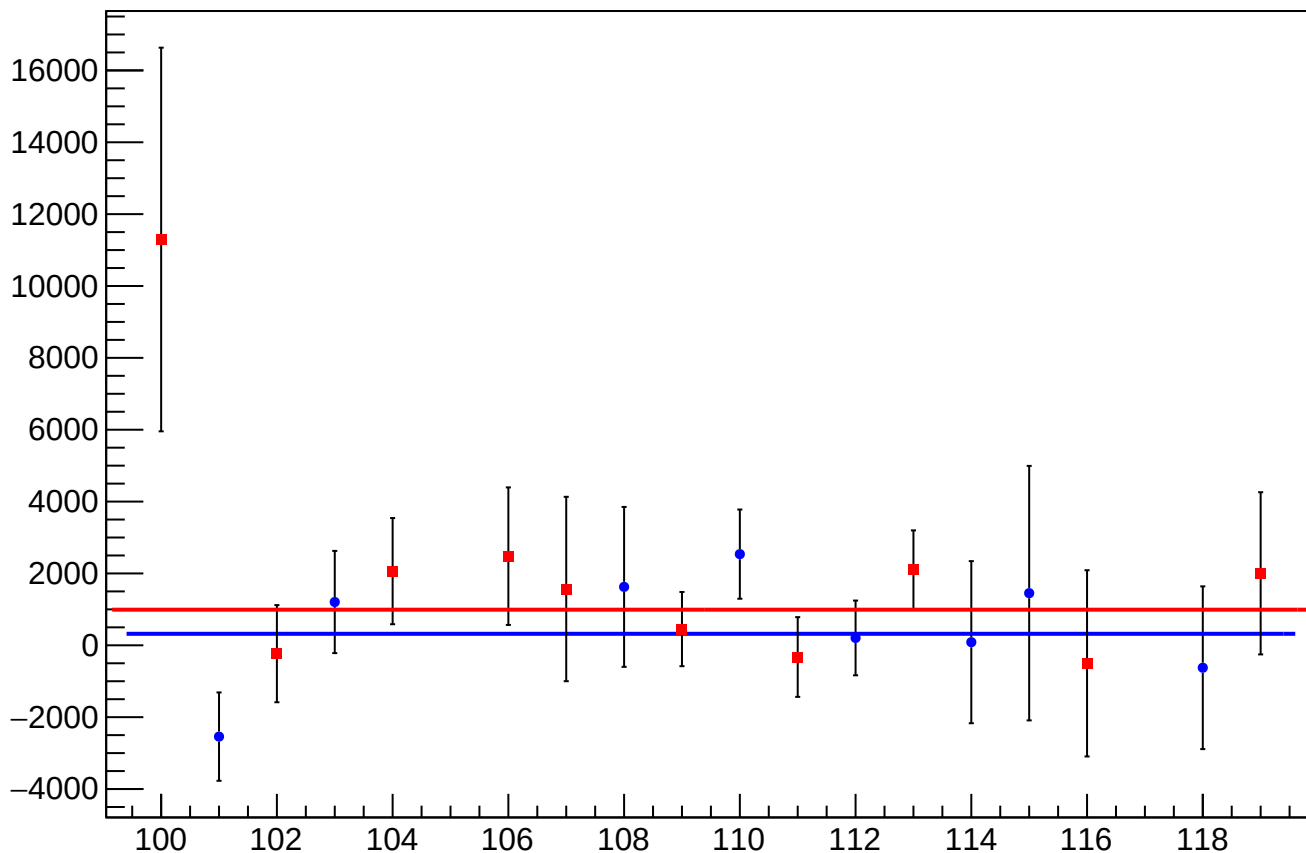
Right: 86.488+/-0.024 χ^2/NDF : 1116448.0/17

In: 88.034+/-0.036 χ^2/NDF : 482996.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.488+/-0.024 χ^2/NDF : 1116448.0/17

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 320.394+/-542.183 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.207+/-477.175 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

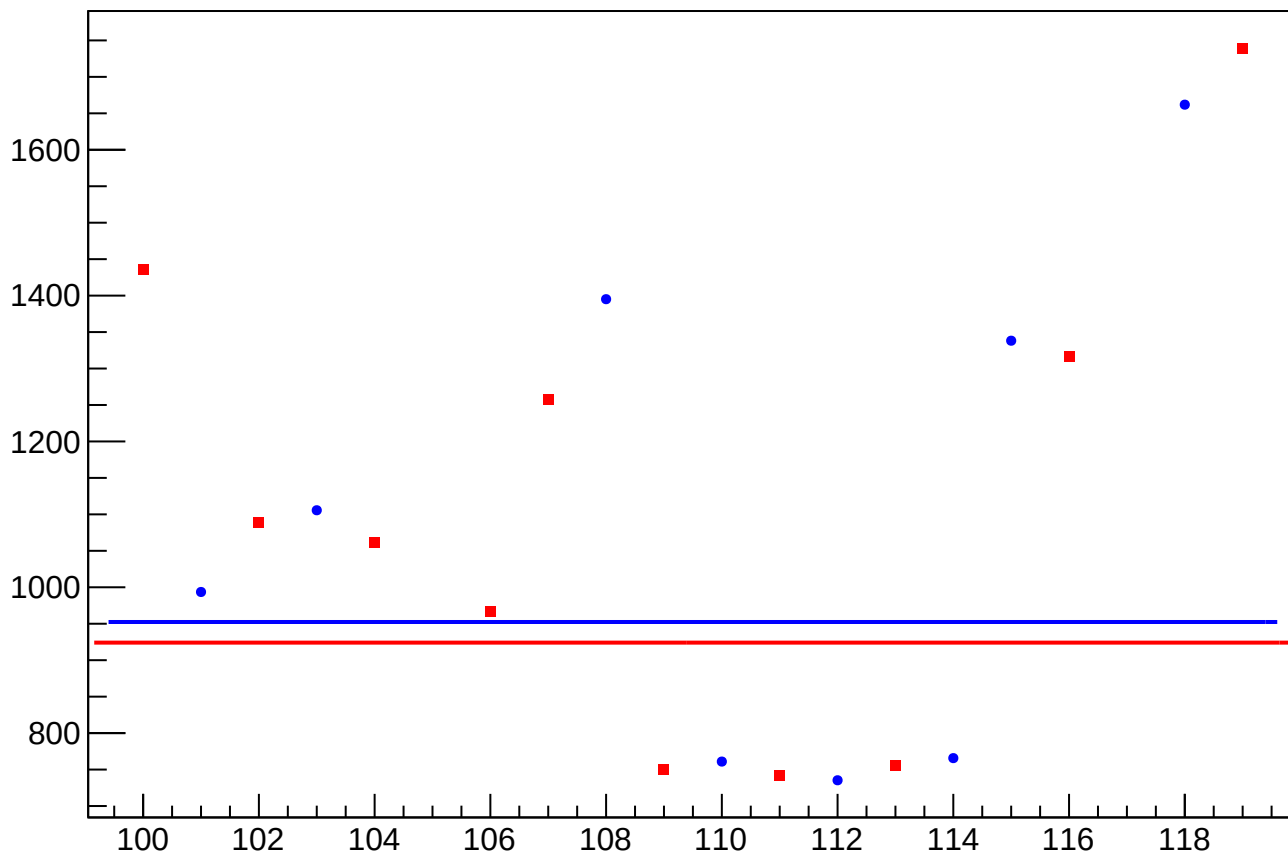
Right: 698.408+/-358.204 χ^2/NDF : 19.5/17

In: 320.394+/-542.183 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 698.408+/-358.204 χ^2/NDF : 19.5/17

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 952.386+/-0.383 χ^2/NDF : 473013.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.094+/-0.337 χ^2/NDF : 564780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

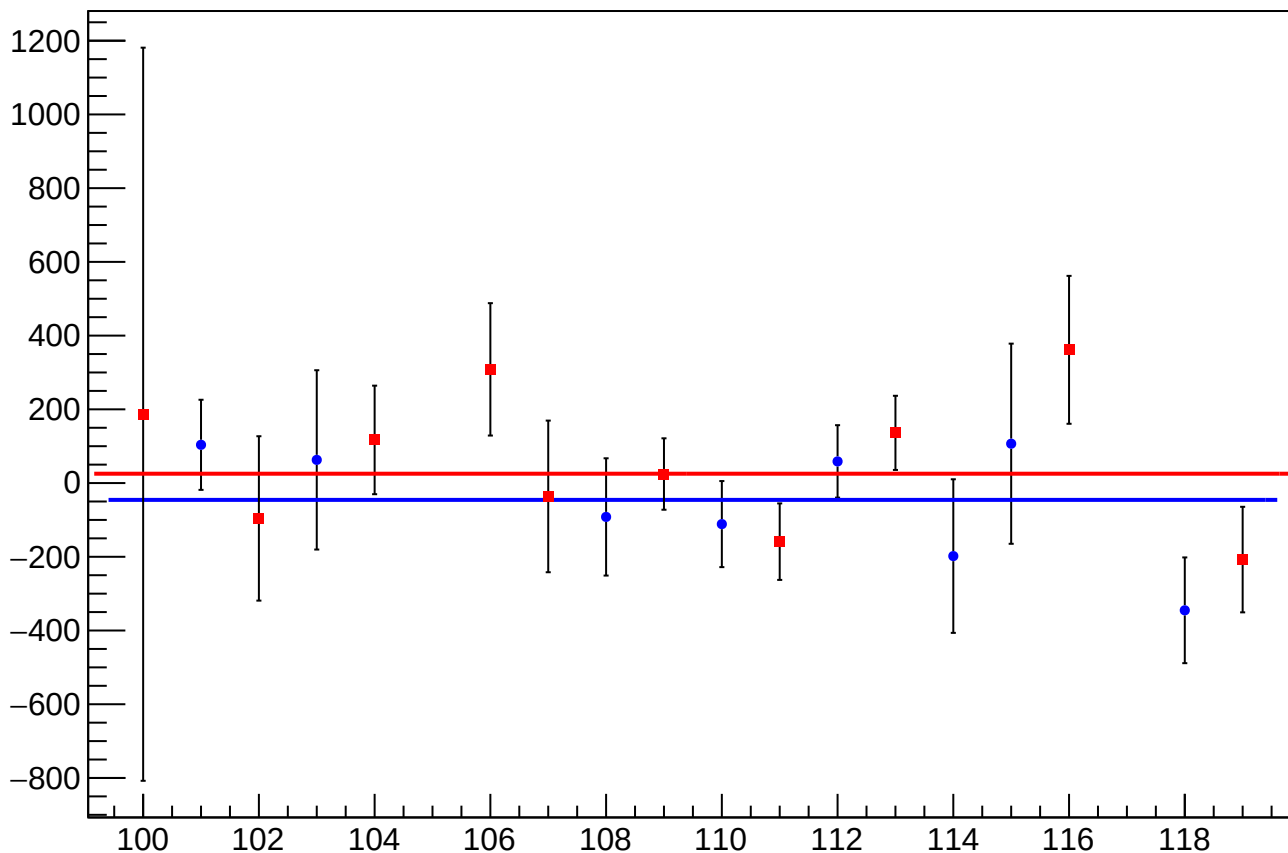
Right: 936.443+/-0.253 χ^2/NDF : 1040862.7/17

In: 952.386+/-0.383 χ^2/NDF : 473013.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.443+/-0.253 χ^2/NDF : 1040862.7/17

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -45.640 $\pm$ 50.930 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.365 $\pm$ 44.998 χ^2 /NDF: 13.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

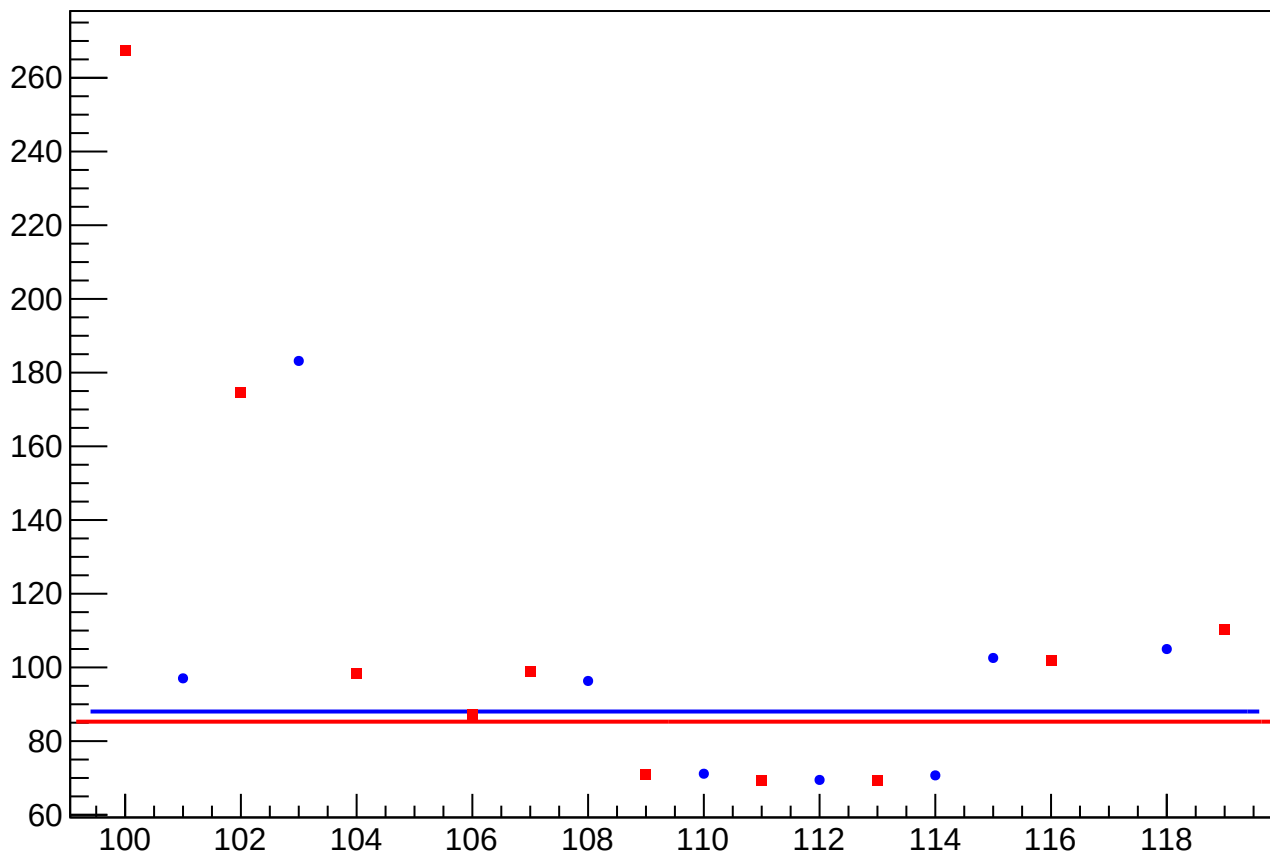
Right: -5.764 $\pm$ 33.722 χ^2 /NDF: 22.6/17

In: -45.640 $\pm$ 50.930 χ^2 /NDF:8.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.764 $\pm$ 33.722 χ^2 /NDF: 22.6/17

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 88.034+/-0.036 χ^2/NDF : 482996.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.281+/-0.032 χ^2/NDF : 630168.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

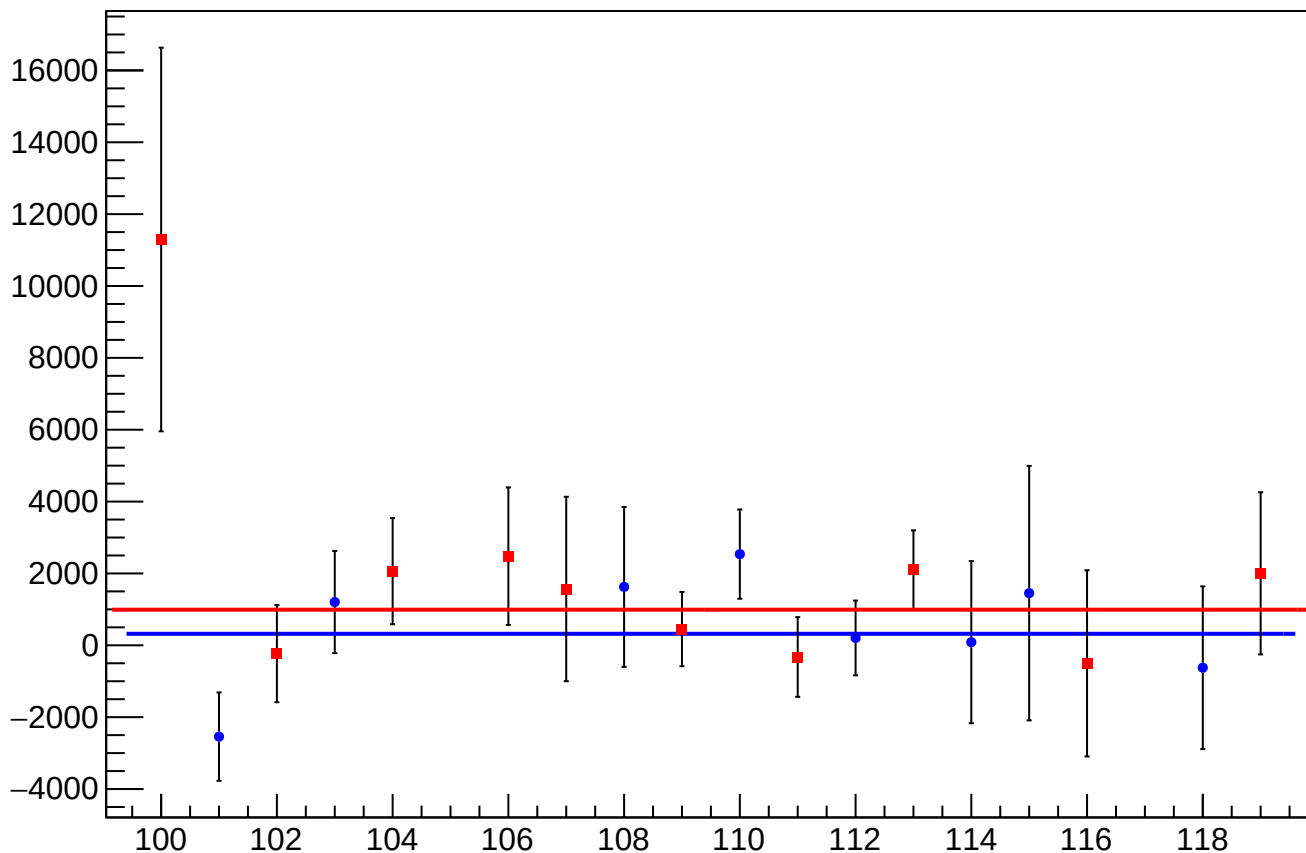
Right: 86.488+/-0.024 χ^2/NDF : 1116448.0/17

In: 88.034+/-0.036 χ^2/NDF : 482996.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.488+/-0.024 χ^2/NDF : 1116448.0/17

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 320.394+/-542.183 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 991.207+/-477.175 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

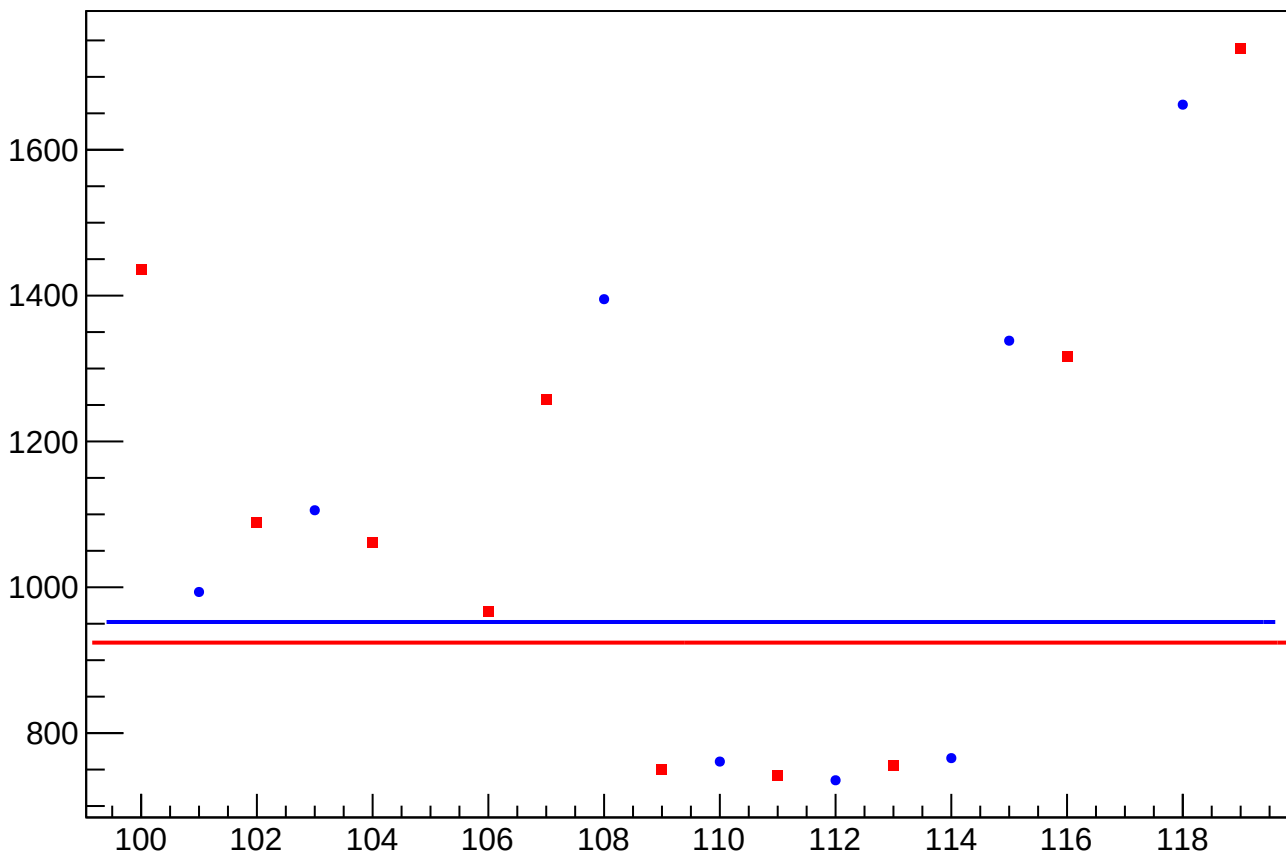
Right: 698.408+/-358.204 χ^2/NDF : 19.5/17

In: 320.394+/-542.183 χ^2/NDF :9.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 698.408+/-358.204 χ^2/NDF : 19.5/17

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 952.386+/-0.383 χ^2/NDF : 473013.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 924.094+/-0.337 χ^2/NDF : 564780.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

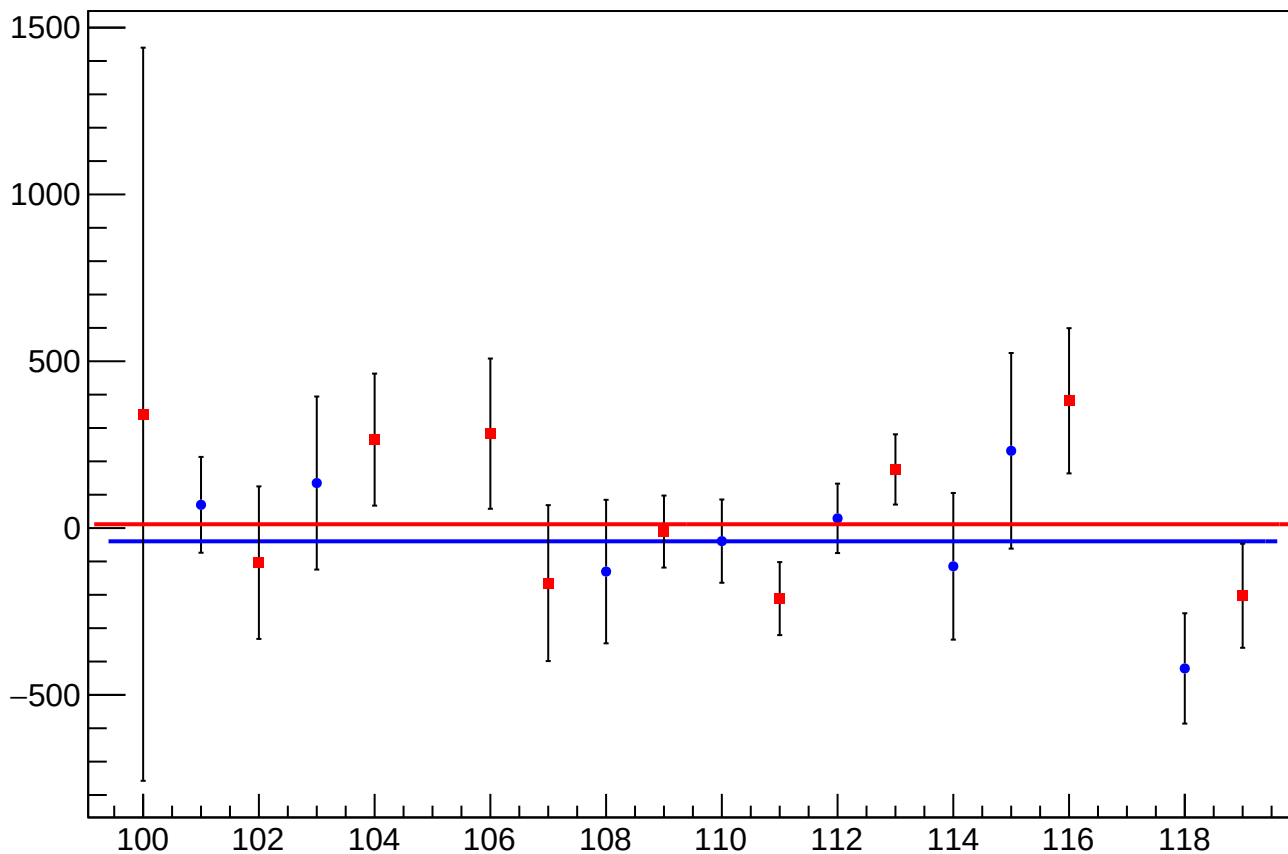
Right: 936.443+/-0.253 χ^2/NDF : 1040862.7/17

In: 952.386+/-0.383 χ^2/NDF : 473013.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.443+/-0.253 χ^2/NDF : 1040862.7/17

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -39.657 ± 56.752 χ^2/NDF : 7.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.479 ± 49.667 χ^2/NDF : 15.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

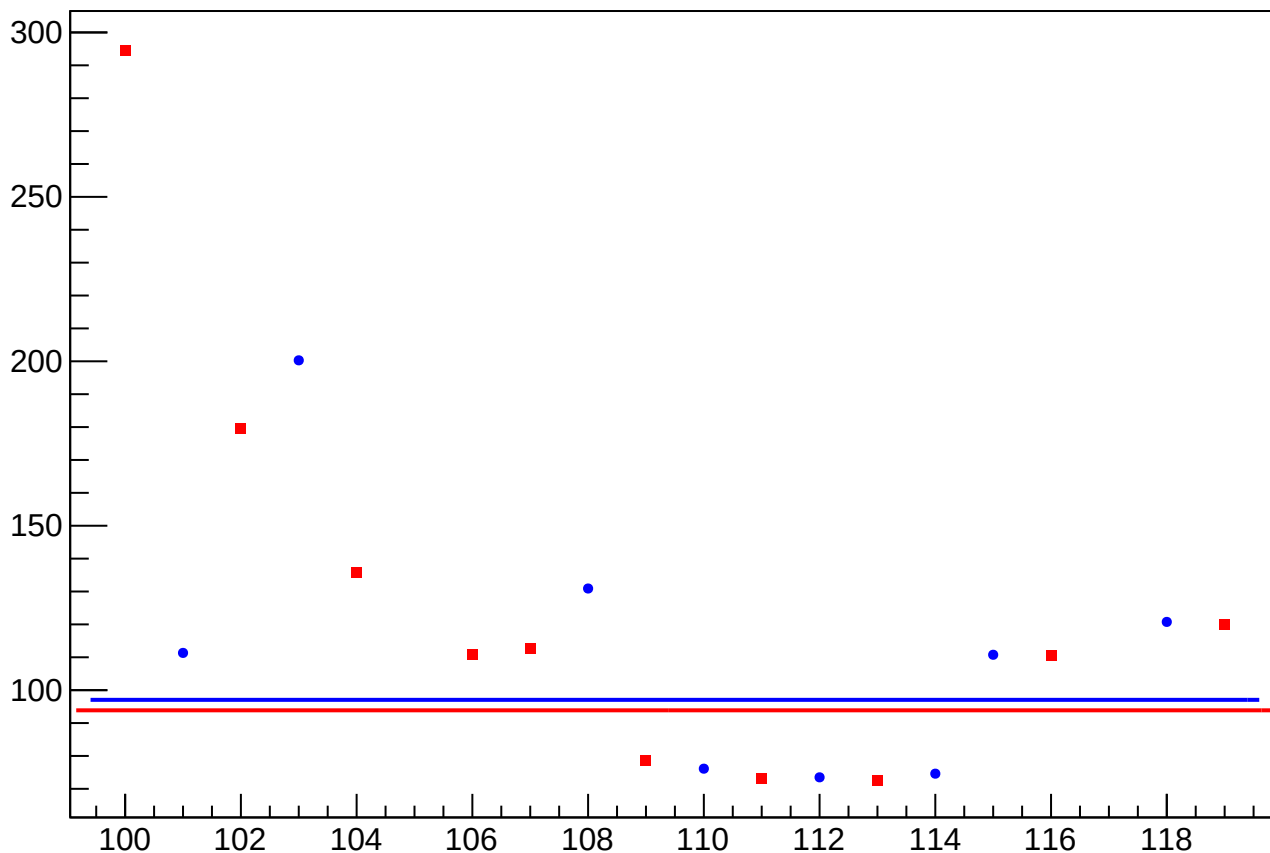
Right: -10.699 ± 37.375 χ^2/NDF : 23.8/17

In: -39.657 ± 56.752 χ^2/NDF : 7.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.699 ± 37.375 χ^2/NDF : 23.8/17

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 97.059+/-0.040 χ^2/NDF : 611398.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.871+/-0.035 χ^2/NDF : 725804.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

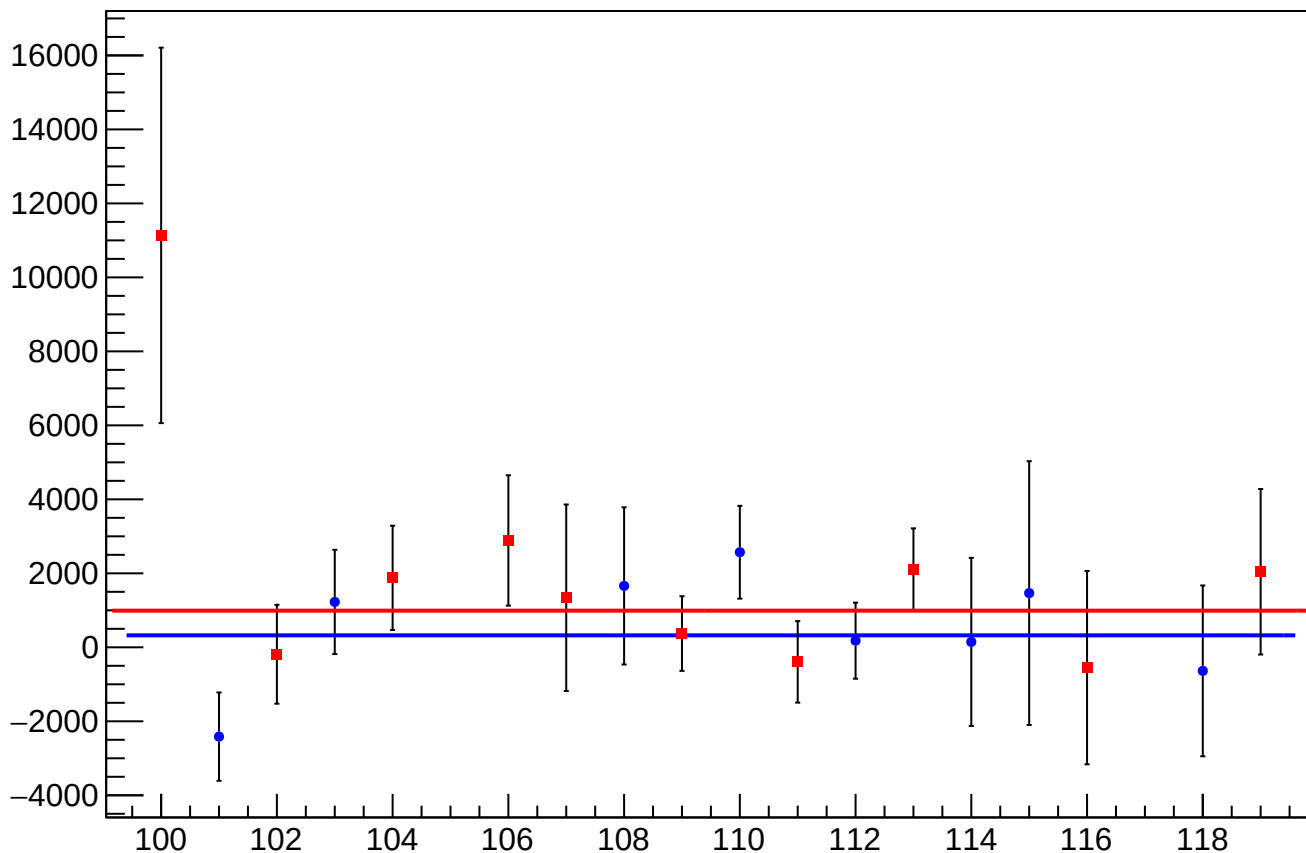
Right: 95.254+/-0.026 χ^2/NDF : 1340774.7/17

In: 97.059+/-0.040 χ^2/NDF : 611398.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.254+/-0.026 χ^2/NDF : 1340774.7/17

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 323.364+/-536.907 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.281+/-468.601 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

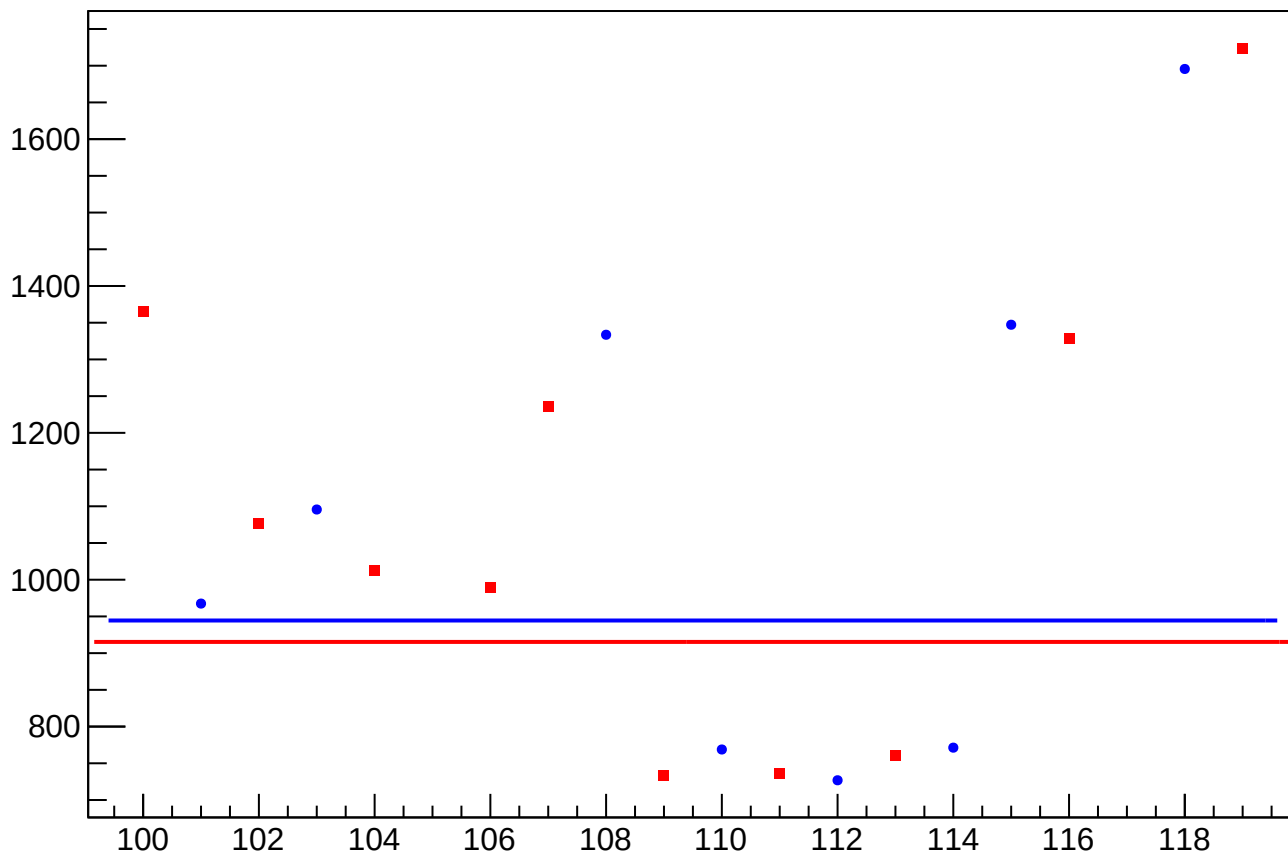
Right: 702.487+/-353.047 χ^2/NDF : 20.4/17

In: 323.364+/-536.907 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.487+/-353.047 χ^2/NDF : 20.4/17

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 944.453+/-0.380 χ^2/NDF : 468555.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.282+/-0.331 χ^2/NDF : 558199.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

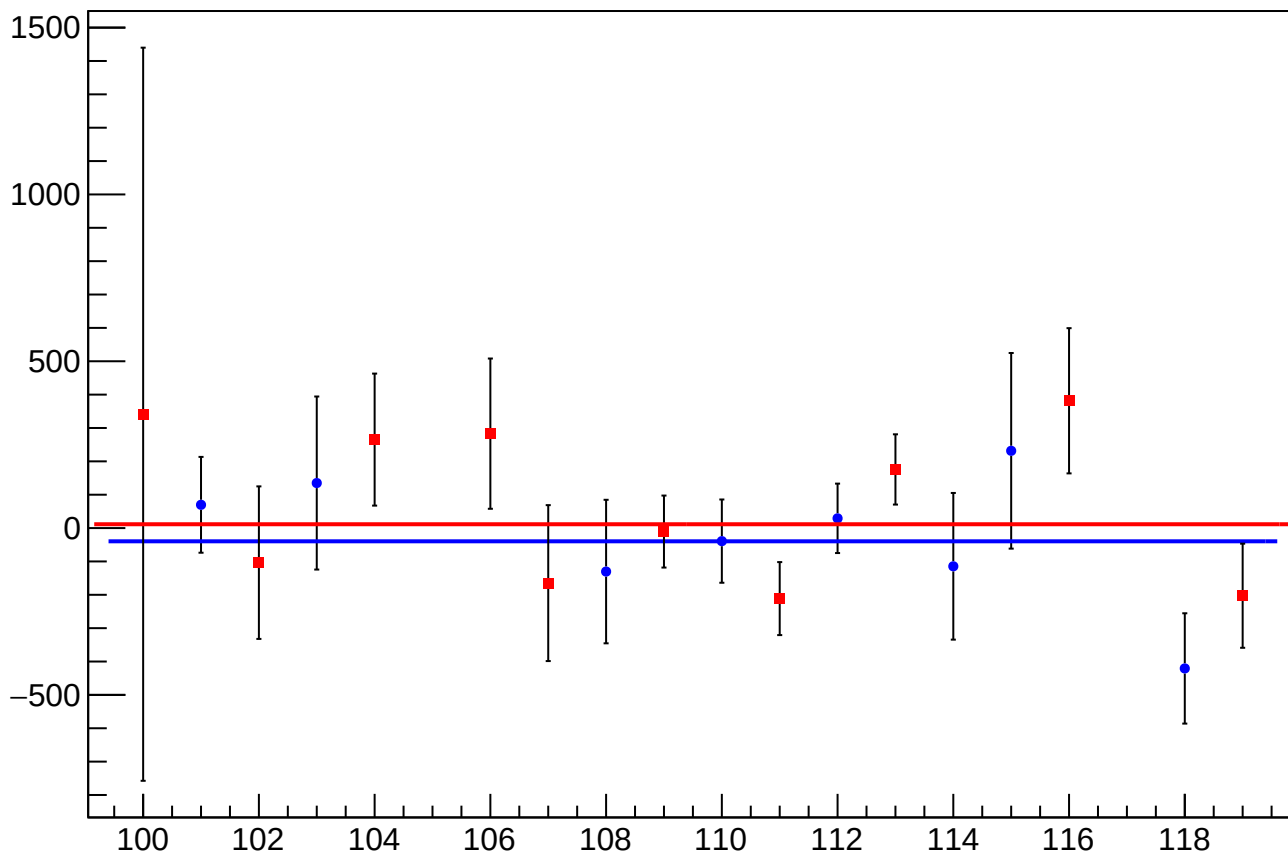
Right: 927.895+/-0.250 χ^2/NDF : 1030106.3/17

In: 944.453+/-0.380 χ^2/NDF : 468555.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.895+/-0.250 χ^2/NDF : 1030106.3/17

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -39.658 ± 56.752 χ^2/NDF : 7.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.477 ± 49.667 χ^2/NDF : 15.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

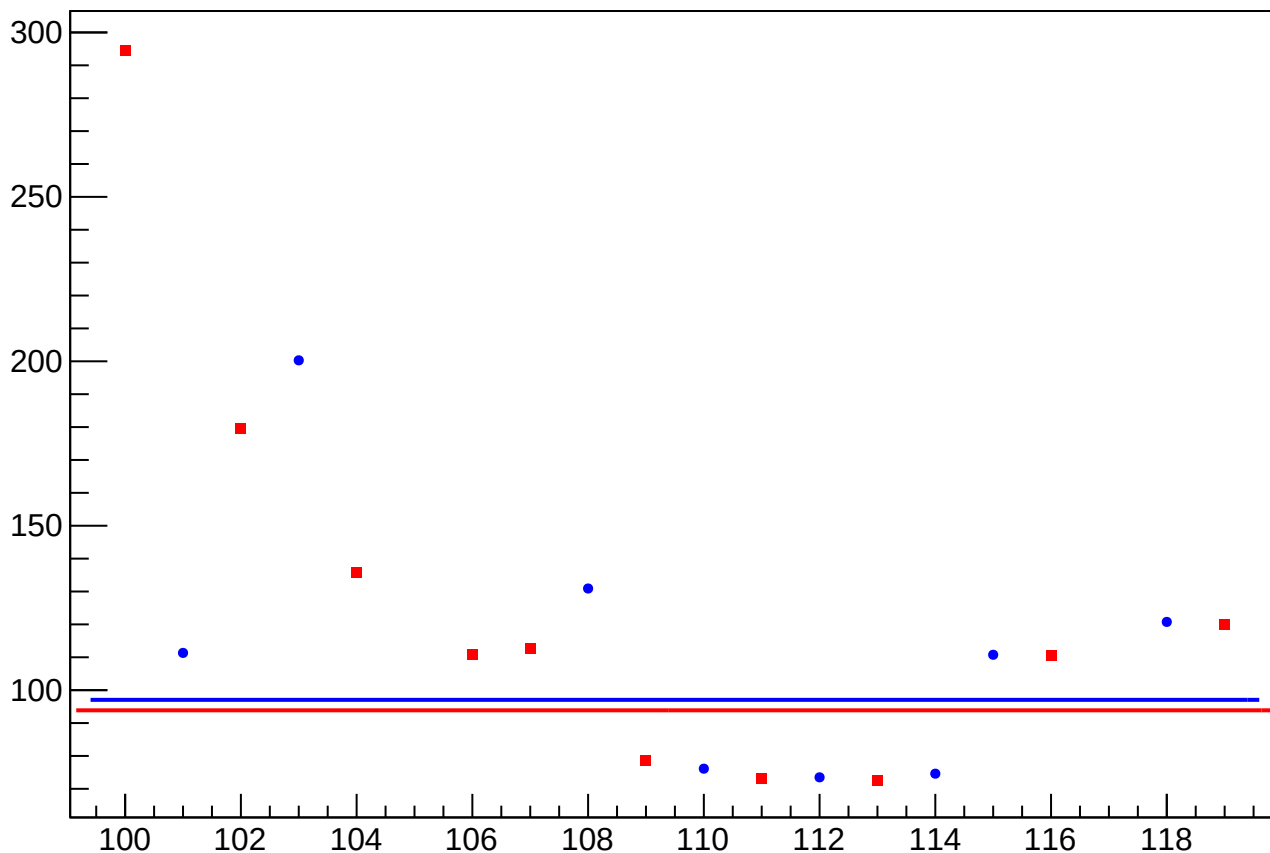
Right: -10.701 ± 37.375 χ^2/NDF : 23.8/17

In: -39.658 ± 56.752 χ^2/NDF : 7.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.701 ± 37.375 χ^2/NDF : 23.8/17

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 97.059+/-0.040 χ^2/NDF : 611401.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.872+/-0.035 χ^2/NDF : 725805.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

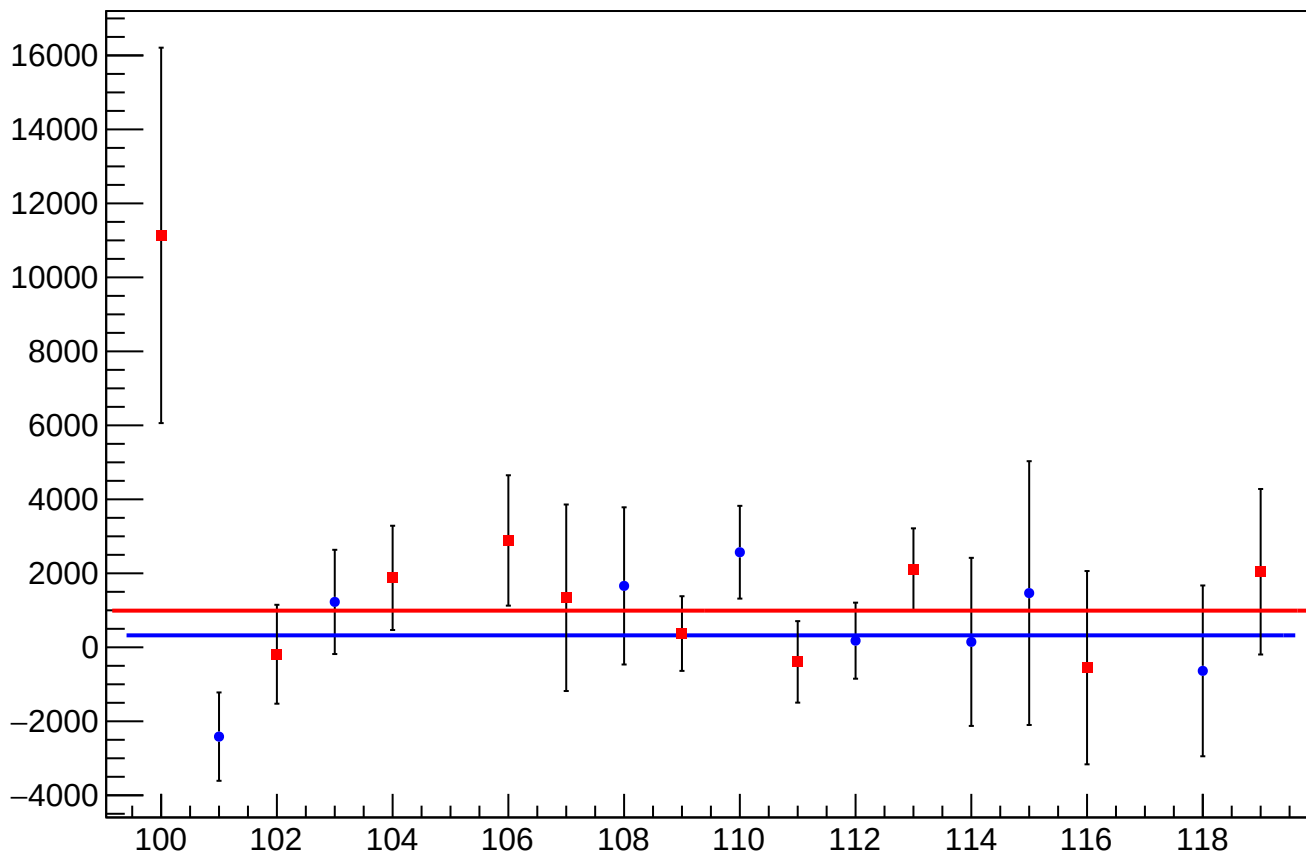
Right: 95.254+/-0.026 χ^2/NDF : 1340778.6/17

In: 97.059+/-0.040 χ^2/NDF : 611401.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.254+/-0.026 χ^2/NDF : 1340778.6/17

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 323.363+/-536.906 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.279+/-468.600 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

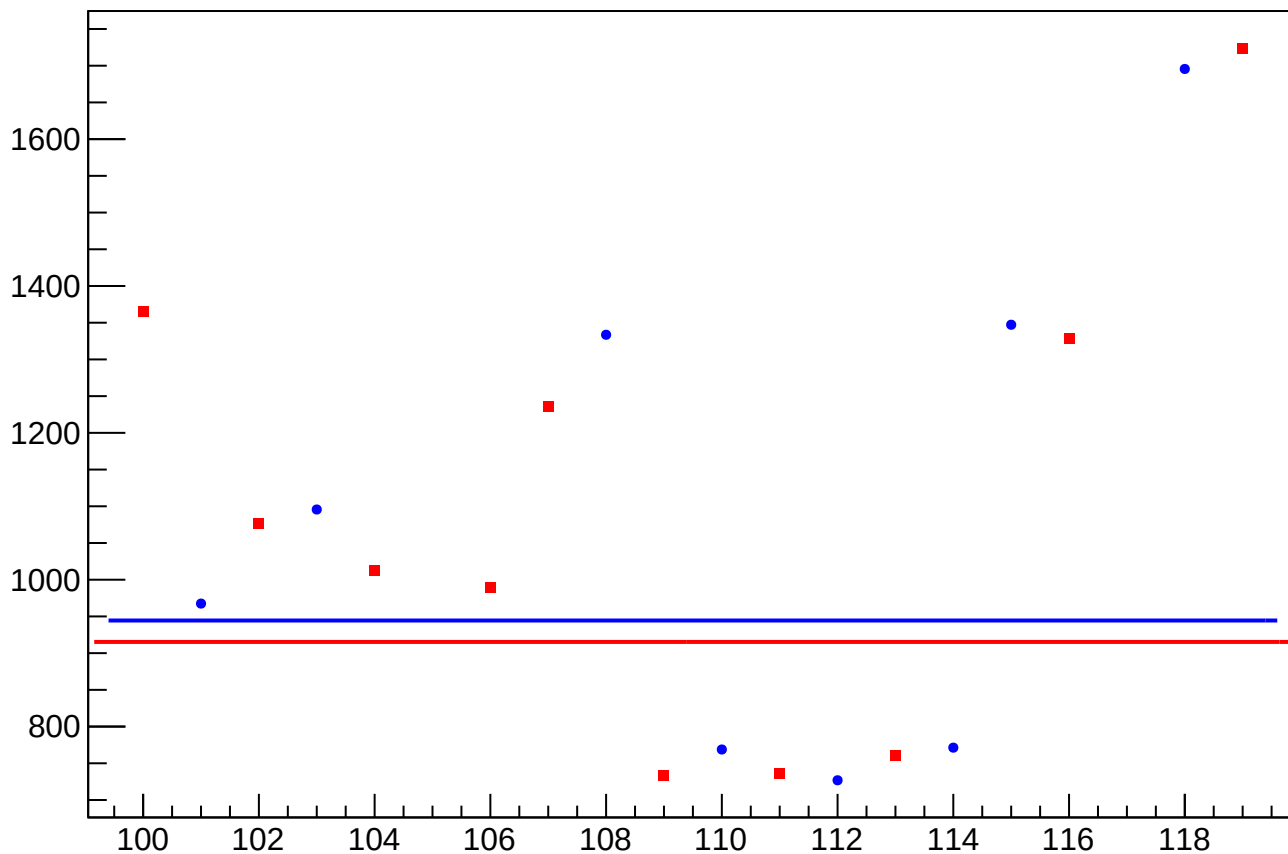
Right: 702.485+/-353.046 χ^2/NDF : 20.4/17

In: 323.363+/-536.906 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.485+/-353.046 χ^2/NDF : 20.4/17

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 944.451+/-0.380 χ^2/NDF : 468558.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.280+/-0.331 χ^2/NDF : 558201.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

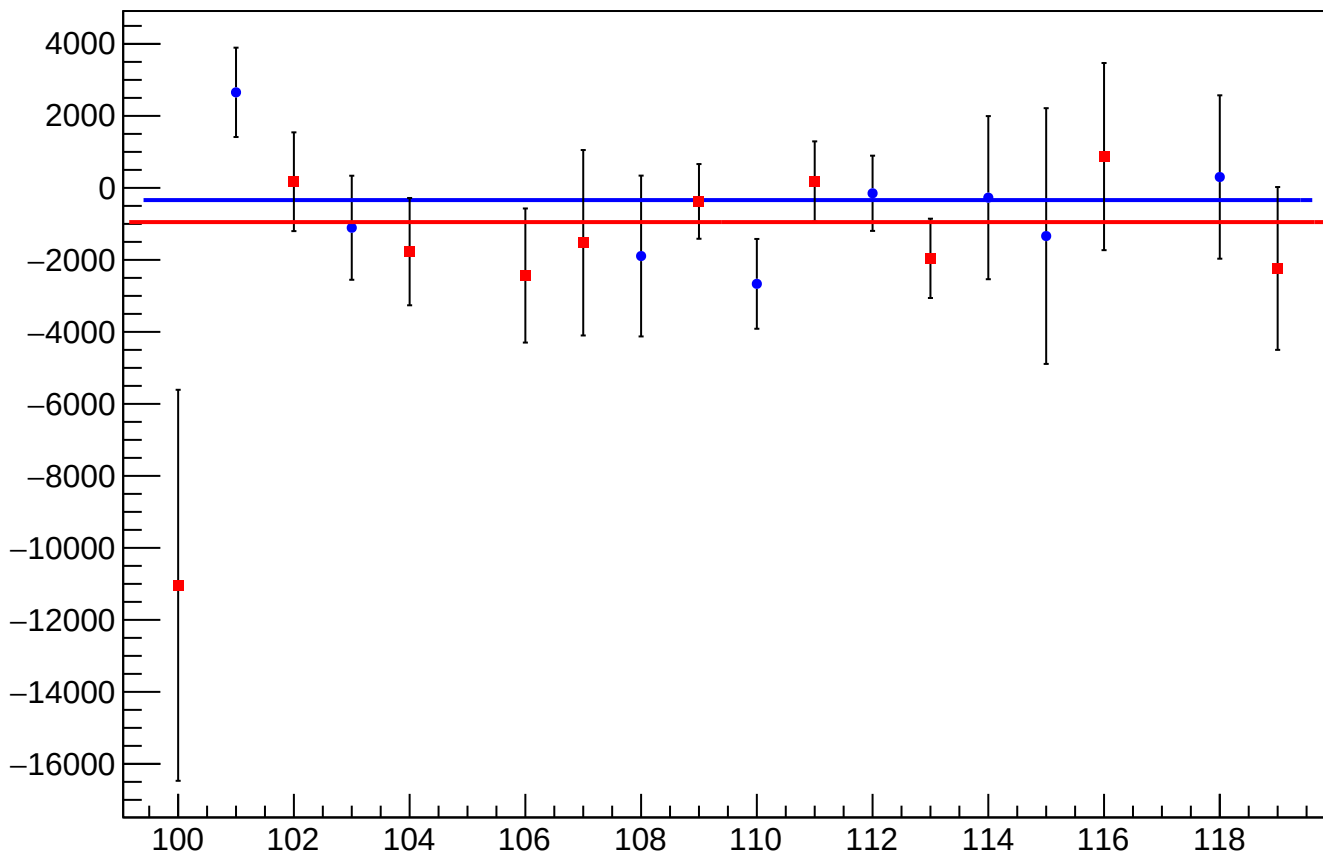
Right: 927.893+/-0.250 χ^2/NDF : 1030110.7/17

In: 944.451+/-0.380 χ^2/NDF : 468558.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 927.893+/-0.250 χ^2/NDF : 1030110.7/17

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -338.741+/-545.896 χ^2 /NDF: 10.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -949.975+/-479.090 χ^2 /NDF: 8.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

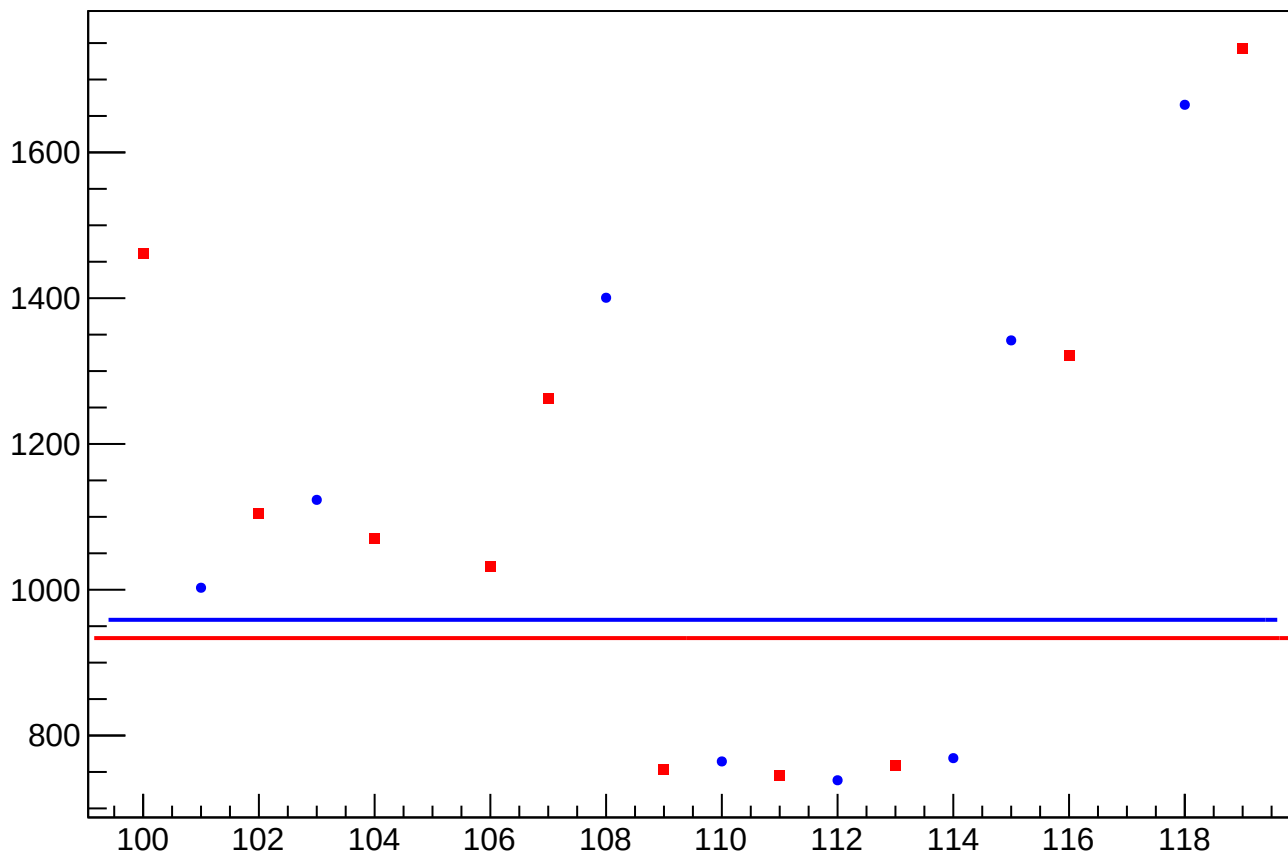
Right: -684.028+/-360.084 χ^2 /NDF: 19.1/17

In: -338.741+/-545.896 χ^2 /NDF:10.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -684.028+/-360.084 χ^2 /NDF: 19.1/17

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 958.743+/-0.386 χ^2/NDF : 475234.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 933.670+/-0.339 χ^2/NDF : 572894.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

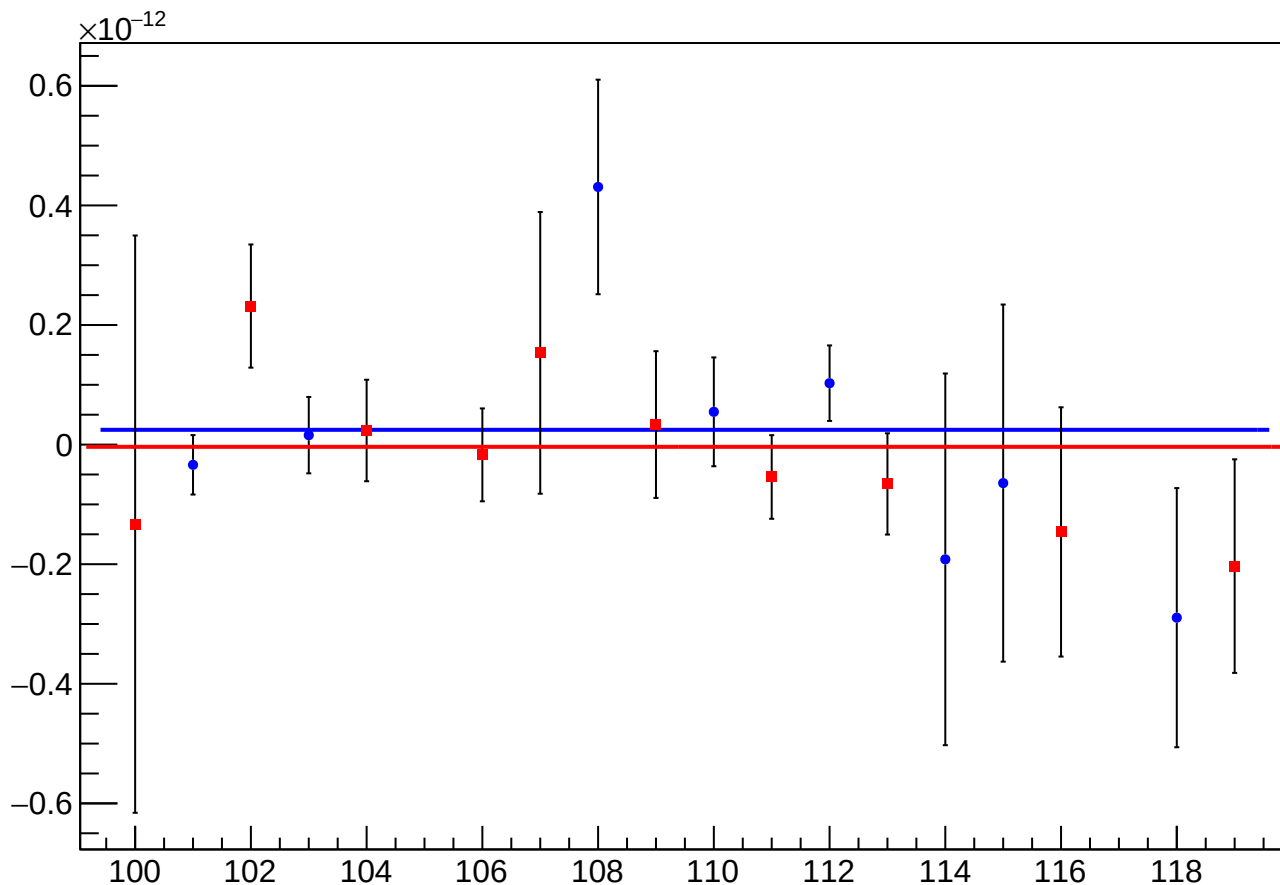
Right: 944.579+/-0.255 χ^2/NDF : 1050513.0/17

In: 958.743+/-0.386 χ^2/NDF : 475234.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.579+/-0.255 χ^2/NDF : 1050513.0/17

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

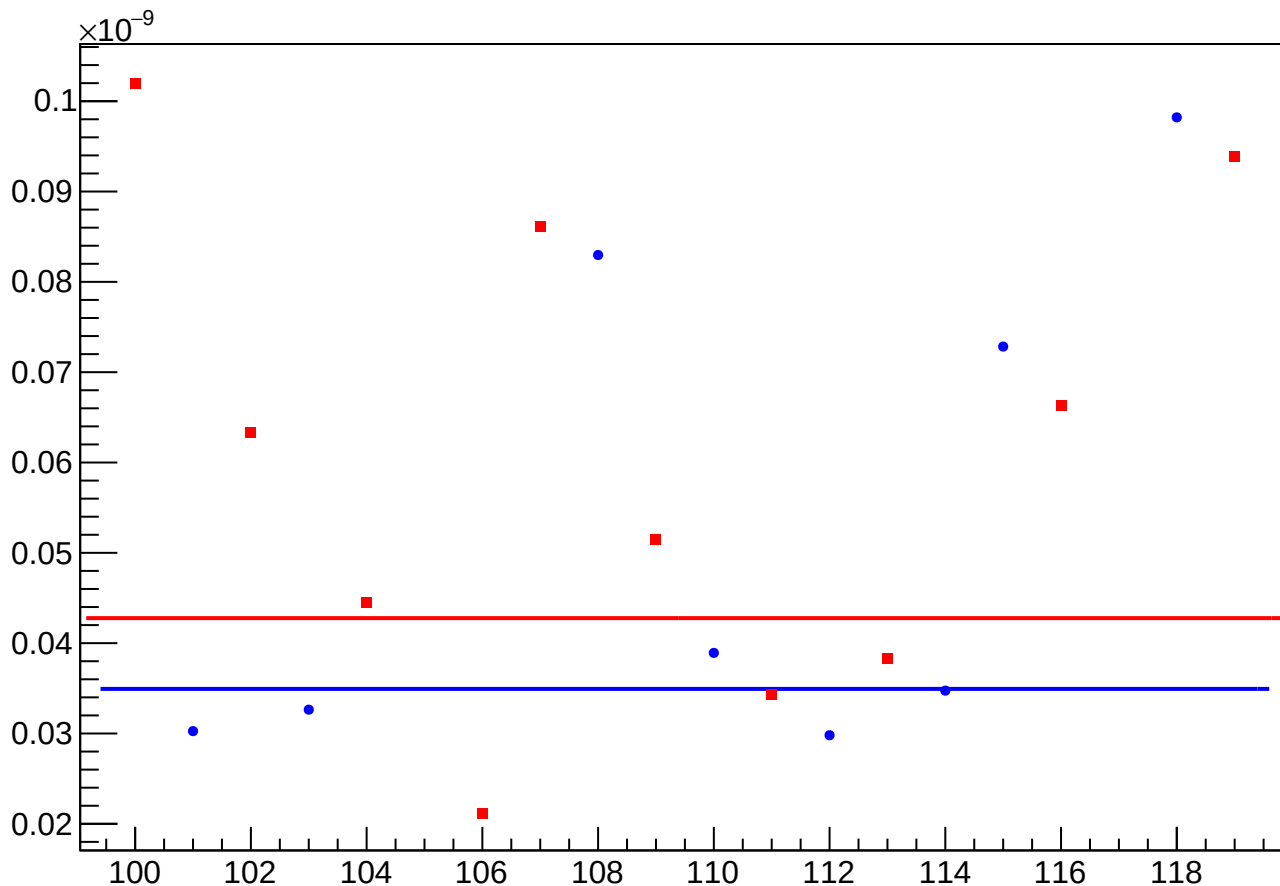
Right: 0.000+/-0.000 χ^2/NDF : 20.0/17

In: 0.000+/-0.000 χ^2/NDF : 10.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/17

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 383420.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 566797.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

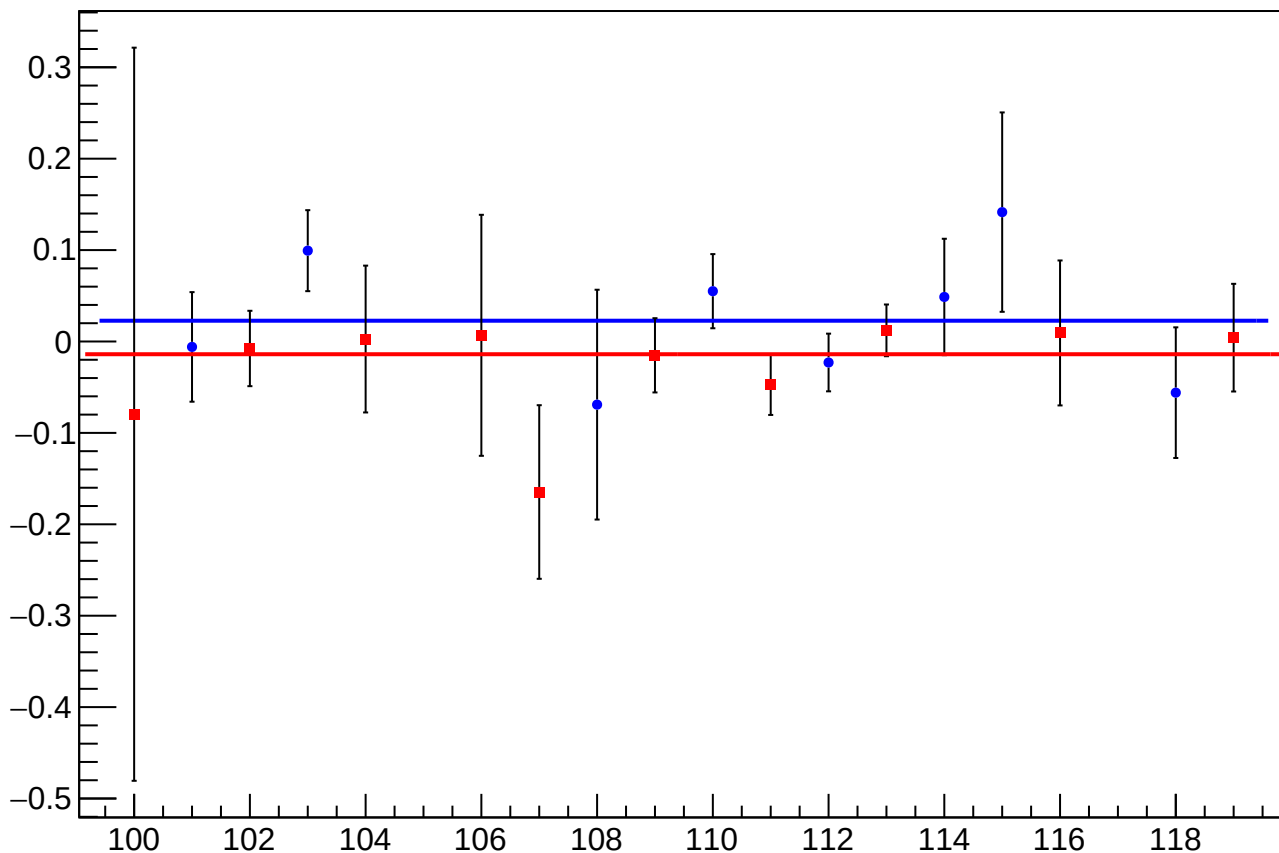
Right: 0.000+/-0.000 χ^2/NDF : 1010351.4/17

In: 0.000+/-0.000 χ^2/NDF : 383420.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1010351.4/17

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.018 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 4.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

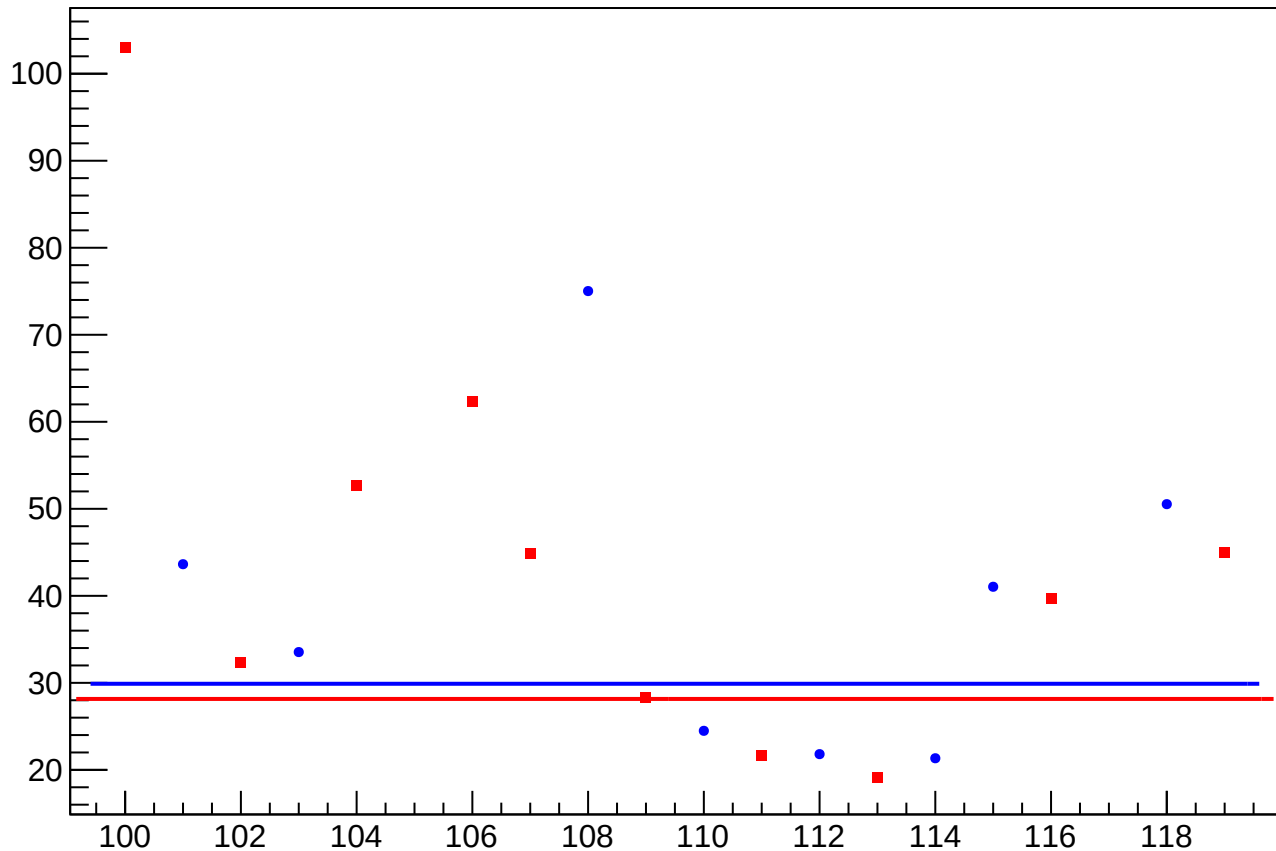
Right: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.1/17

In: 0.023 $\pm$ 0.018 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.1/17

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.895+/-0.013 χ^2/NDF : 767085.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.151+/-0.011 χ^2/NDF : 960409.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

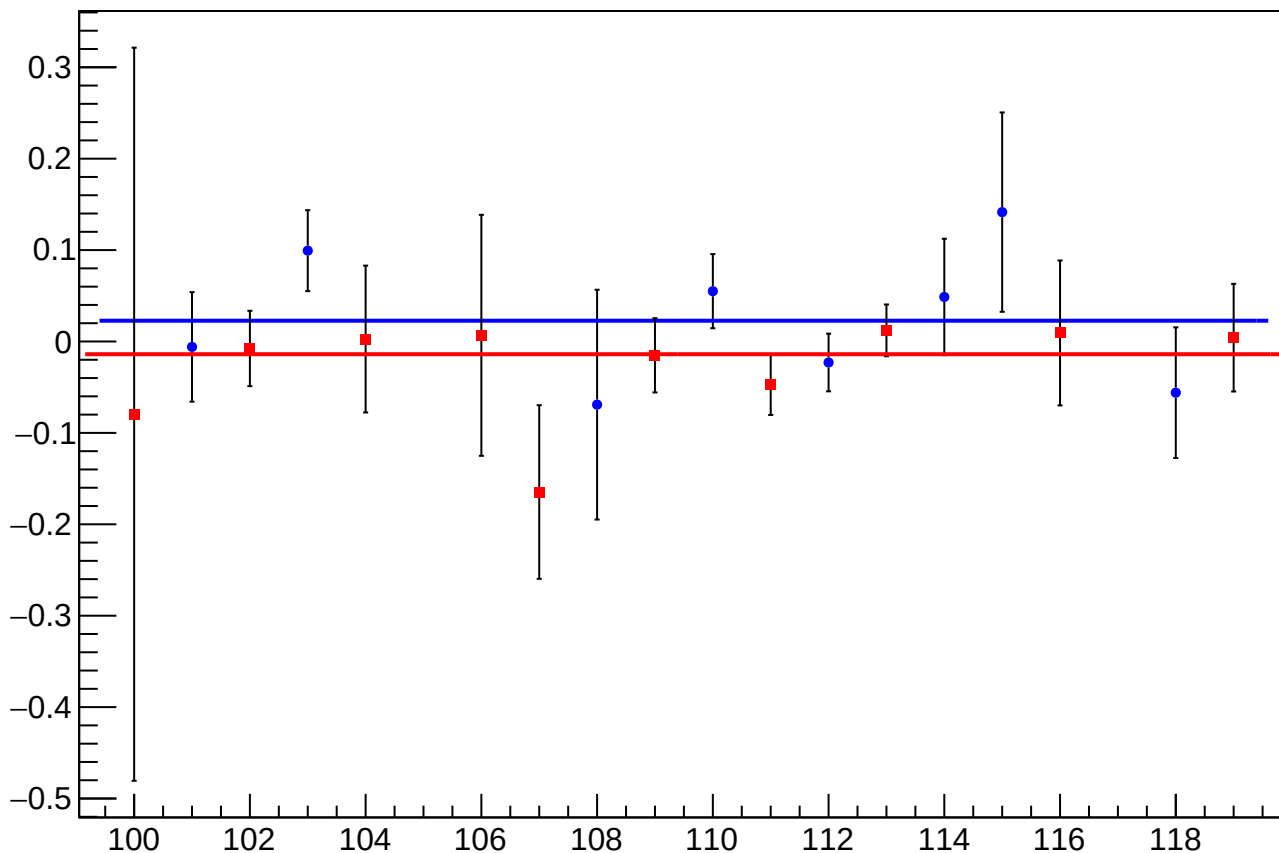
Right: 28.881+/-0.008 χ^2/NDF : 1738052.5/17

In: 29.895+/-0.013 χ^2/NDF : 767085.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.881+/-0.008 χ^2/NDF : 1738052.5/17

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.018 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 4.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

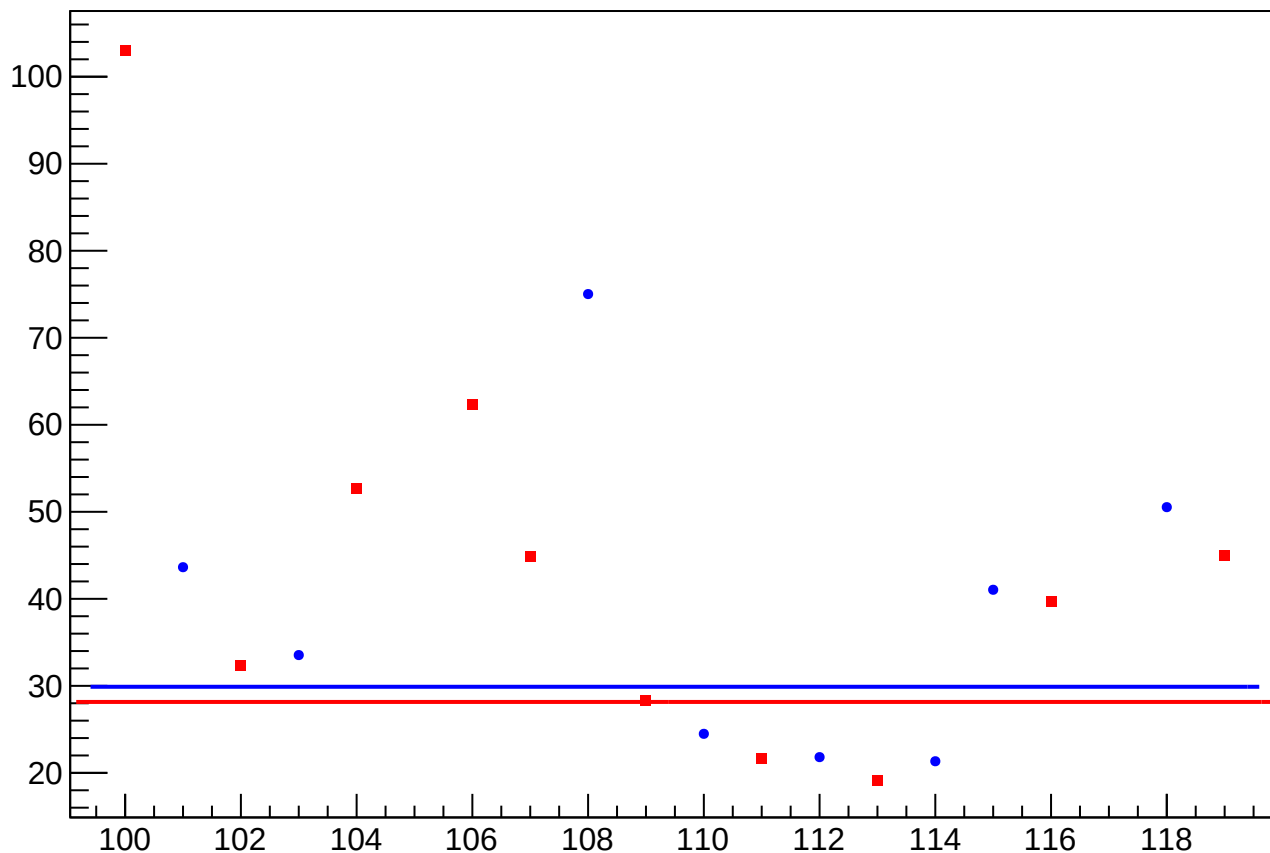
Right: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.1/17

In: 0.023 $\pm$ 0.018 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.012 χ^2 /NDF: 16.1/17

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.895+/-0.013 χ^2/NDF : 767085.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.151+/-0.011 χ^2/NDF : 960409.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

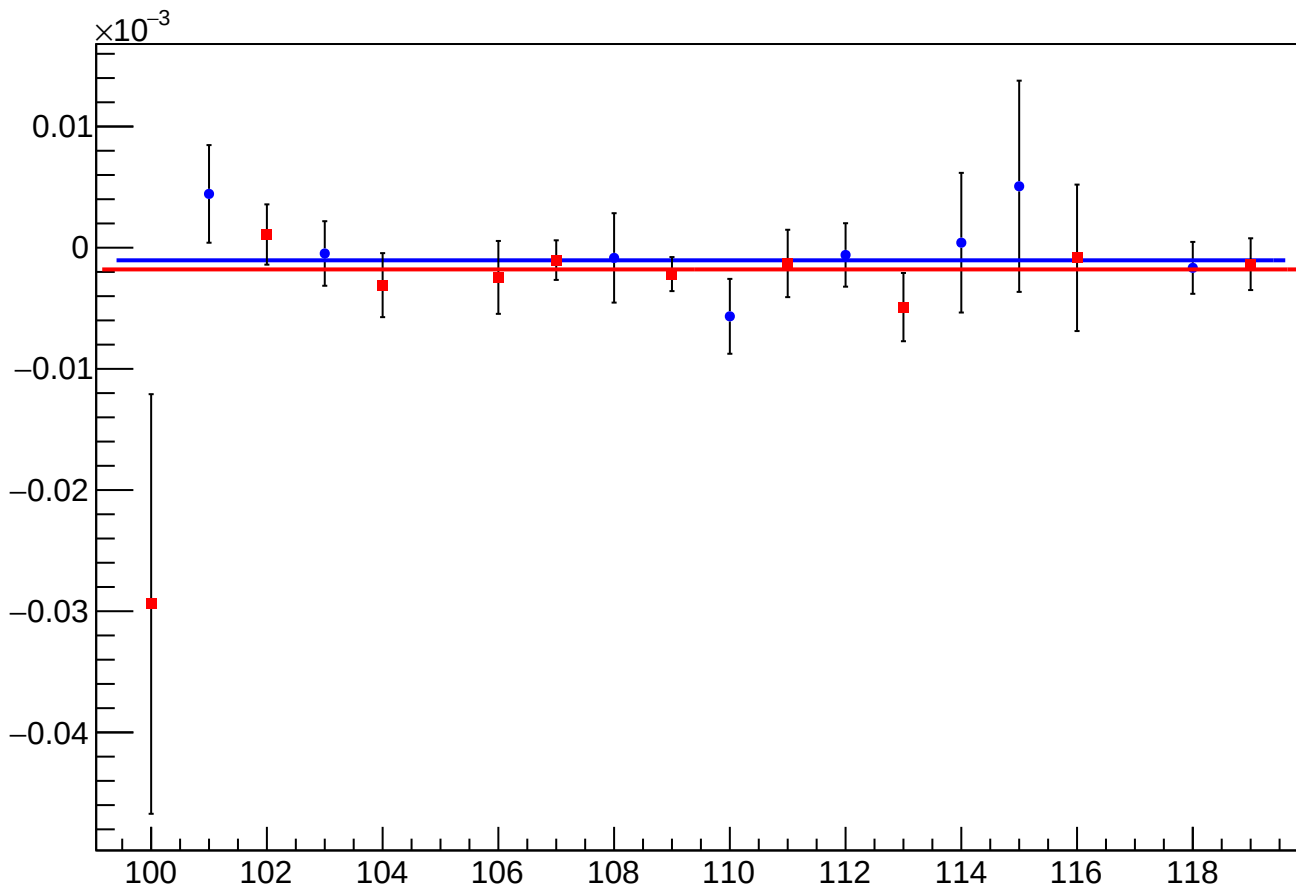
Right: 28.881+/-0.008 χ^2/NDF : 1738052.5/17

In: 29.895+/-0.013 χ^2/NDF : 767085.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.881+/-0.008 χ^2/NDF : 1738052.5/17

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

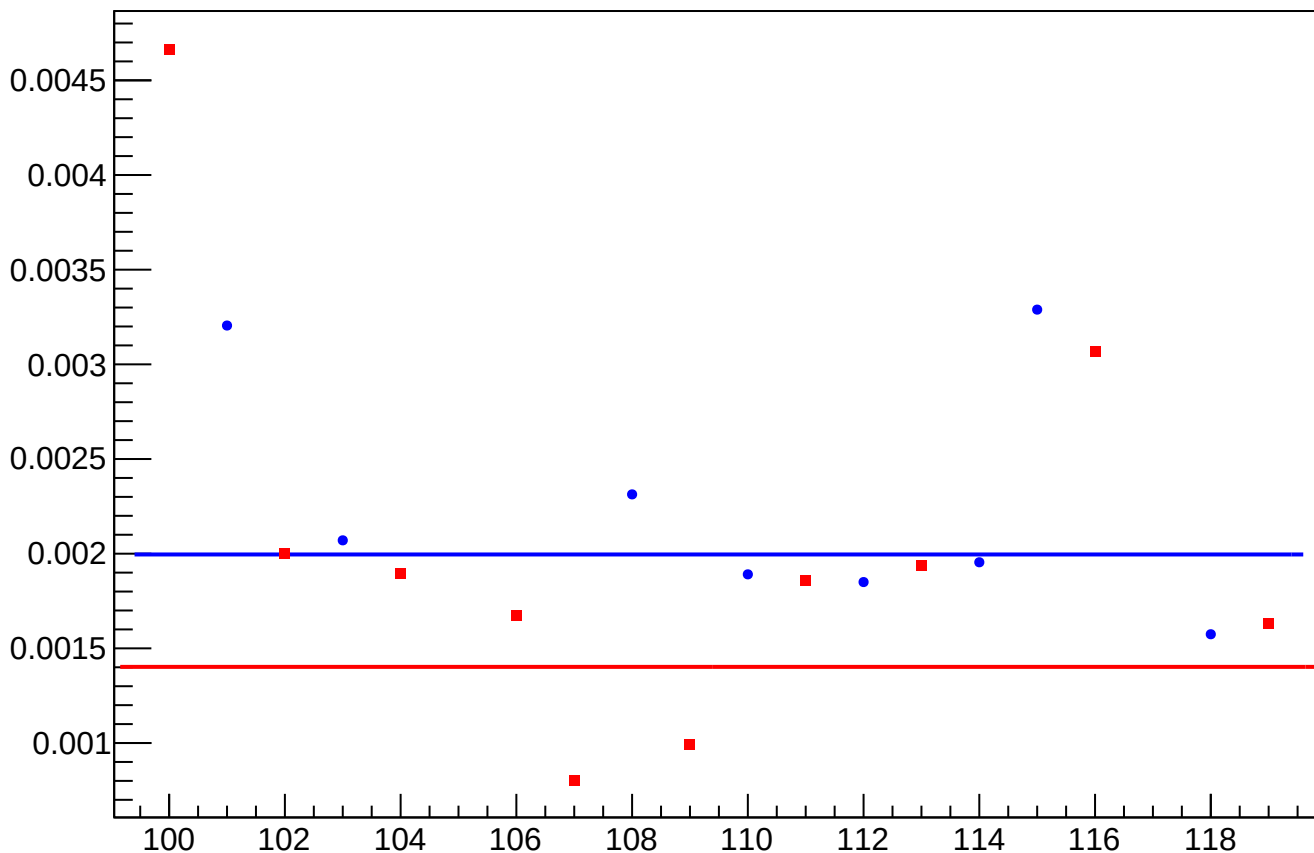
Right: -0.000+/-0.000 χ^2/NDF : 10.9/17

In: -0.000+/-0.000 χ^2/NDF :4.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/17

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 326602.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1014326.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

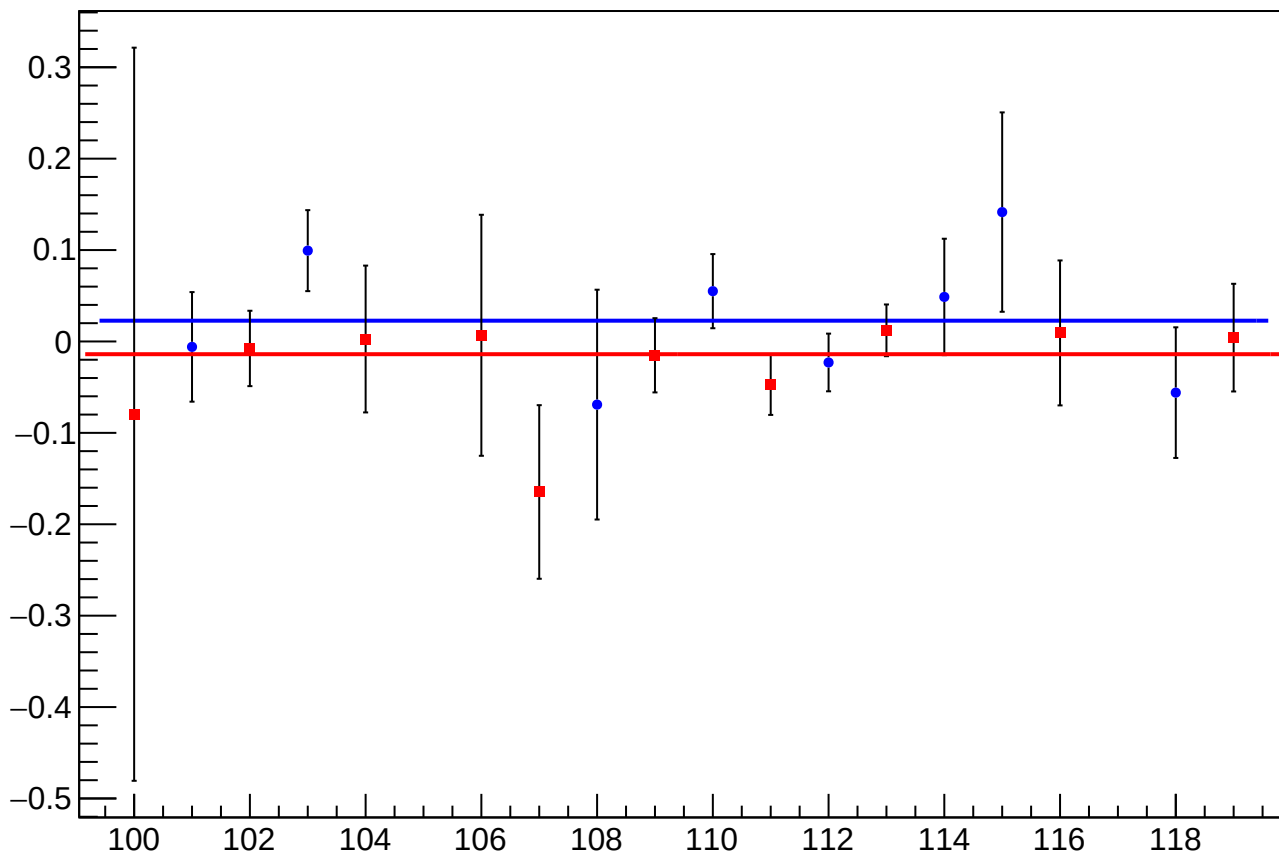
Right: 0.002 $\pm$ 0.000 χ^2 /NDF: 1727414.5/17

In: 0.002 $\pm$ 0.000 χ^2 /NDF:326602.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1727414.5/17

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.018 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

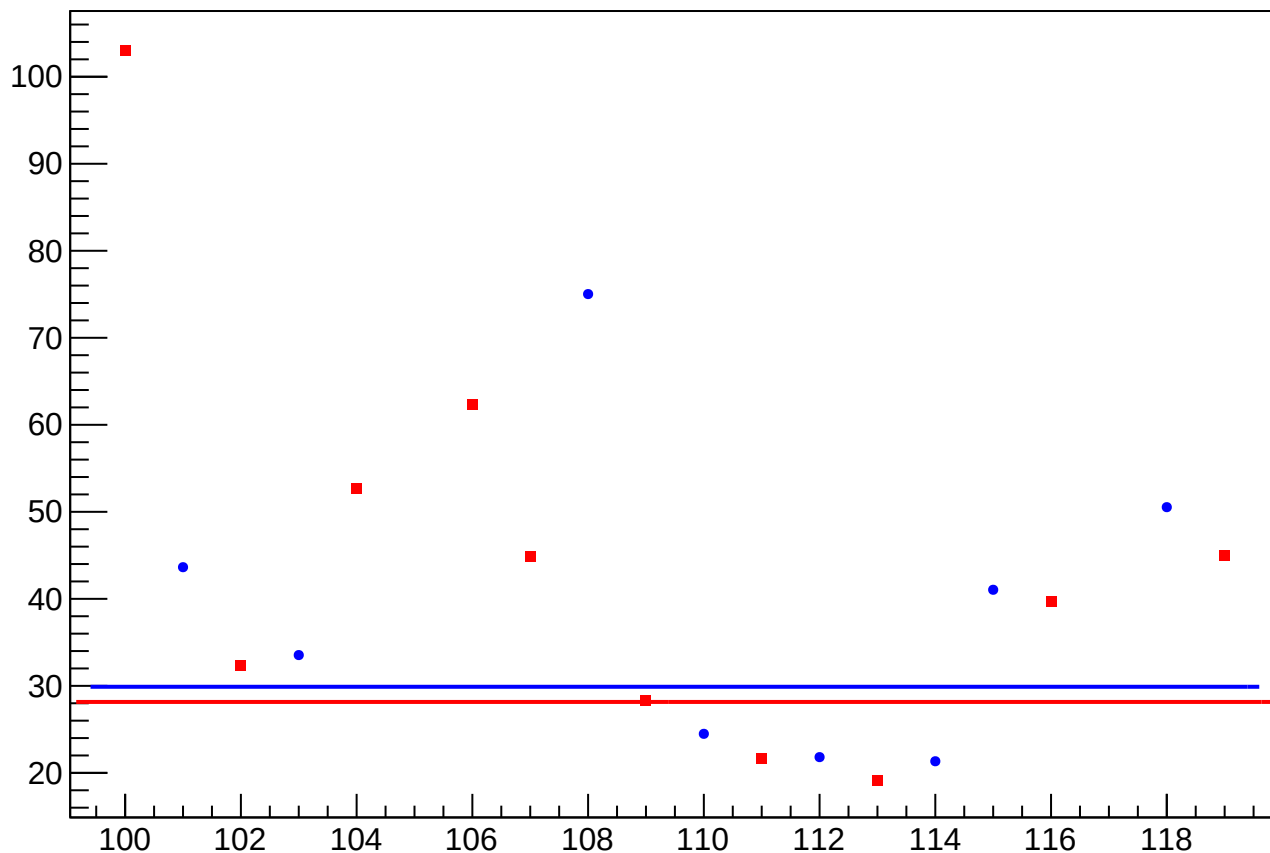
Right: 0.001+/-0.012 χ^2/NDF : 16.1/17

In: 0.023+/-0.018 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 16.1/17

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.895+/-0.013 χ^2/NDF : 767088.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.152+/-0.011 χ^2/NDF : 960401.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

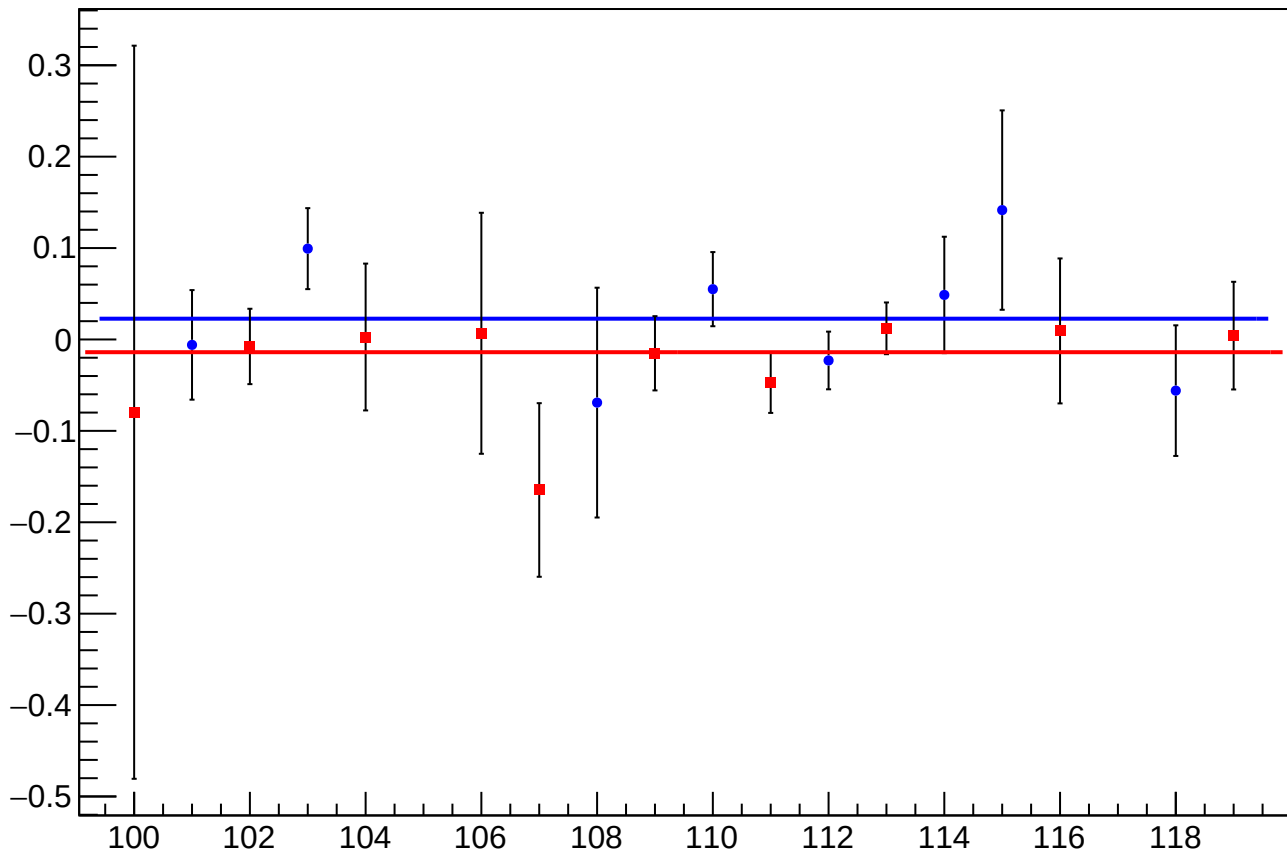
Right: 28.882+/-0.008 χ^2/NDF : 1738048.4/17

In: 29.895+/-0.013 χ^2/NDF : 767088.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.882+/-0.008 χ^2/NDF : 1738048.4/17

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.018 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

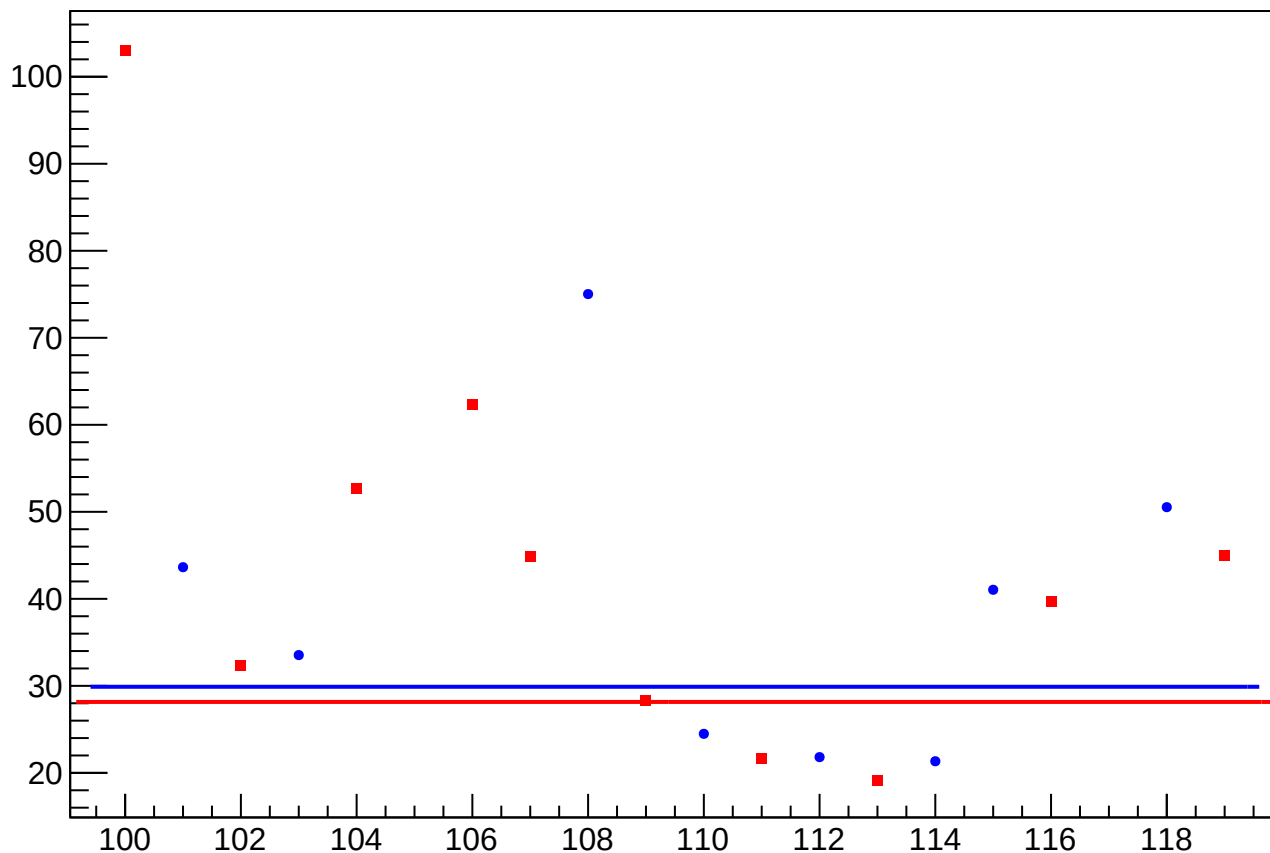
Right: 0.001+/-0.012 χ^2/NDF : 16.1/17

In: 0.023+/-0.018 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.012 χ^2/NDF : 16.1/17

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.895+/-0.013 χ^2/NDF : 767088.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.152+/-0.011 χ^2/NDF : 960401.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

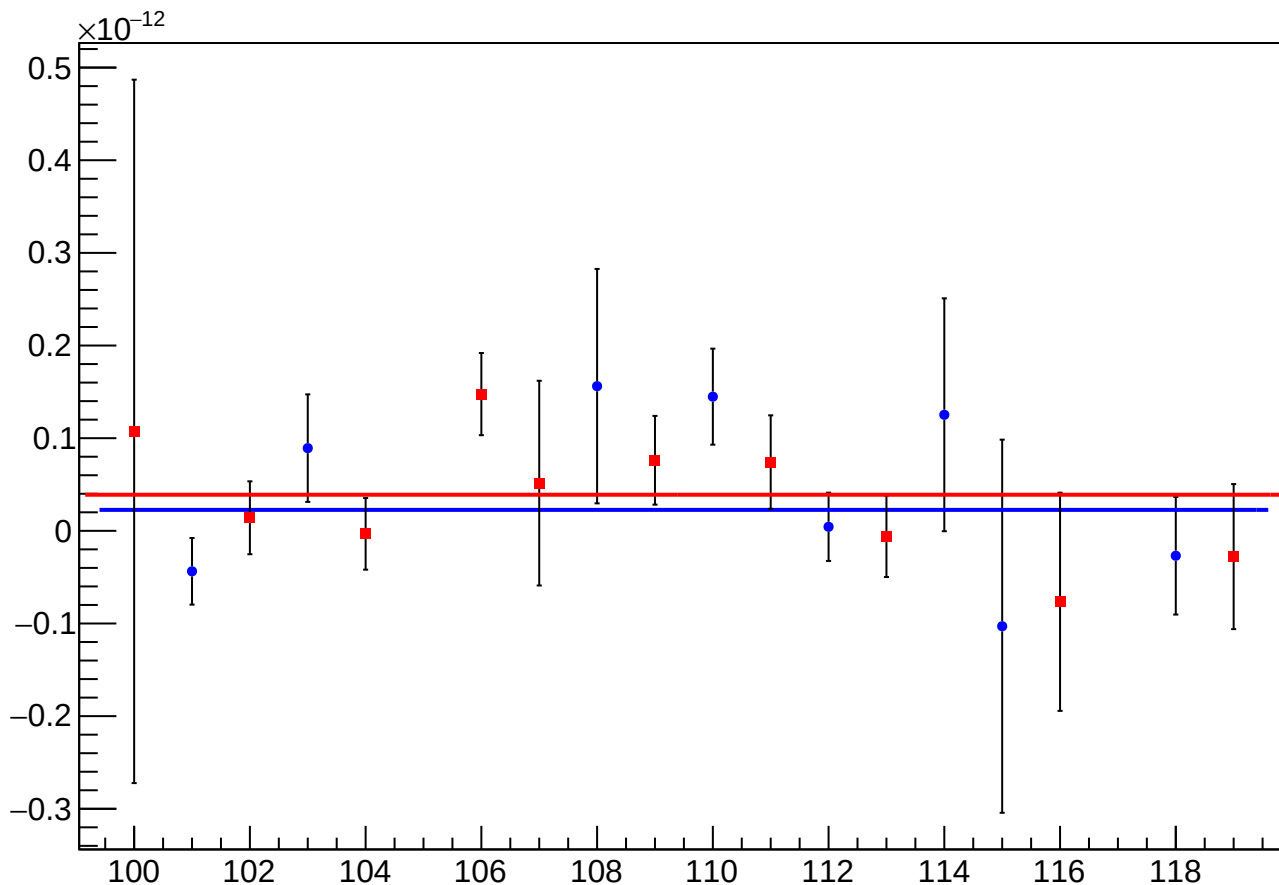
Right: 28.882+/-0.008 χ^2/NDF : 1738048.4/17

In: 29.895+/-0.013 χ^2/NDF : 767088.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.882+/-0.008 χ^2/NDF : 1738048.4/17

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

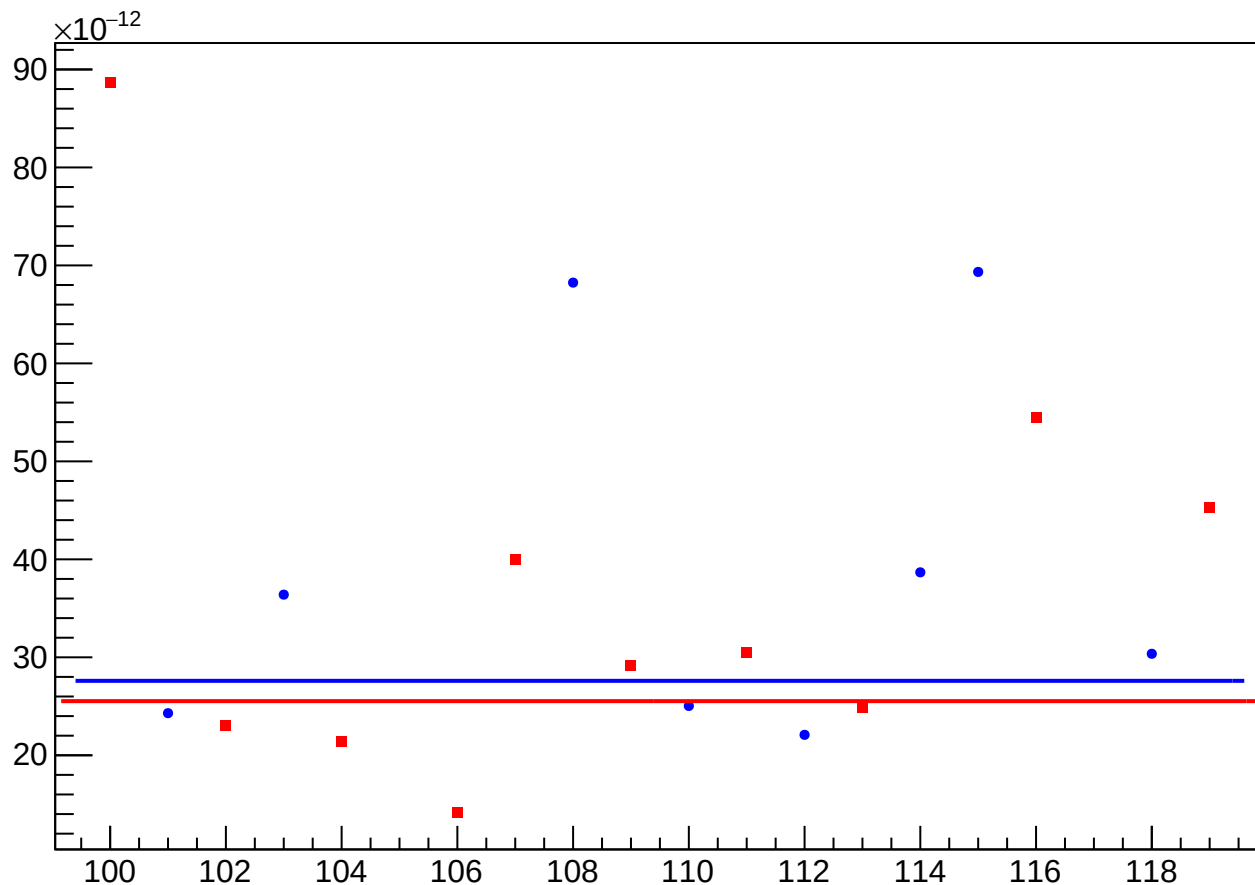
Right: 0.000+/-0.000 χ^2/NDF : 25.2/17

In: 0.000+/-0.000 χ^2/NDF : 13.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.2/17

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 424130.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 531674.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

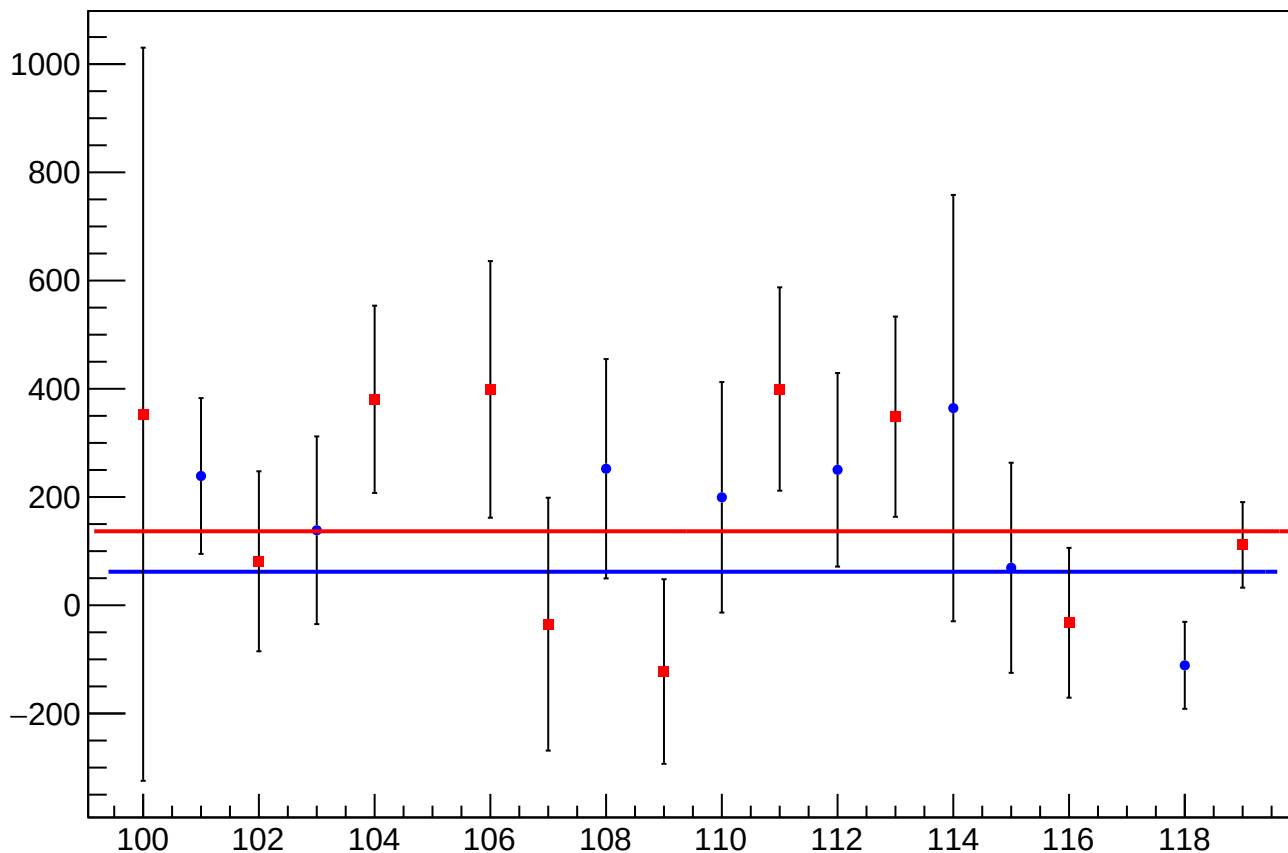
Right: 0.000+/-0.000 χ^2/NDF : 968538.3/17

In: 0.000+/-0.000 χ^2/NDF : 424130.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 968538.3/17

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 61.933+/-53.685 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.702+/-49.270 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

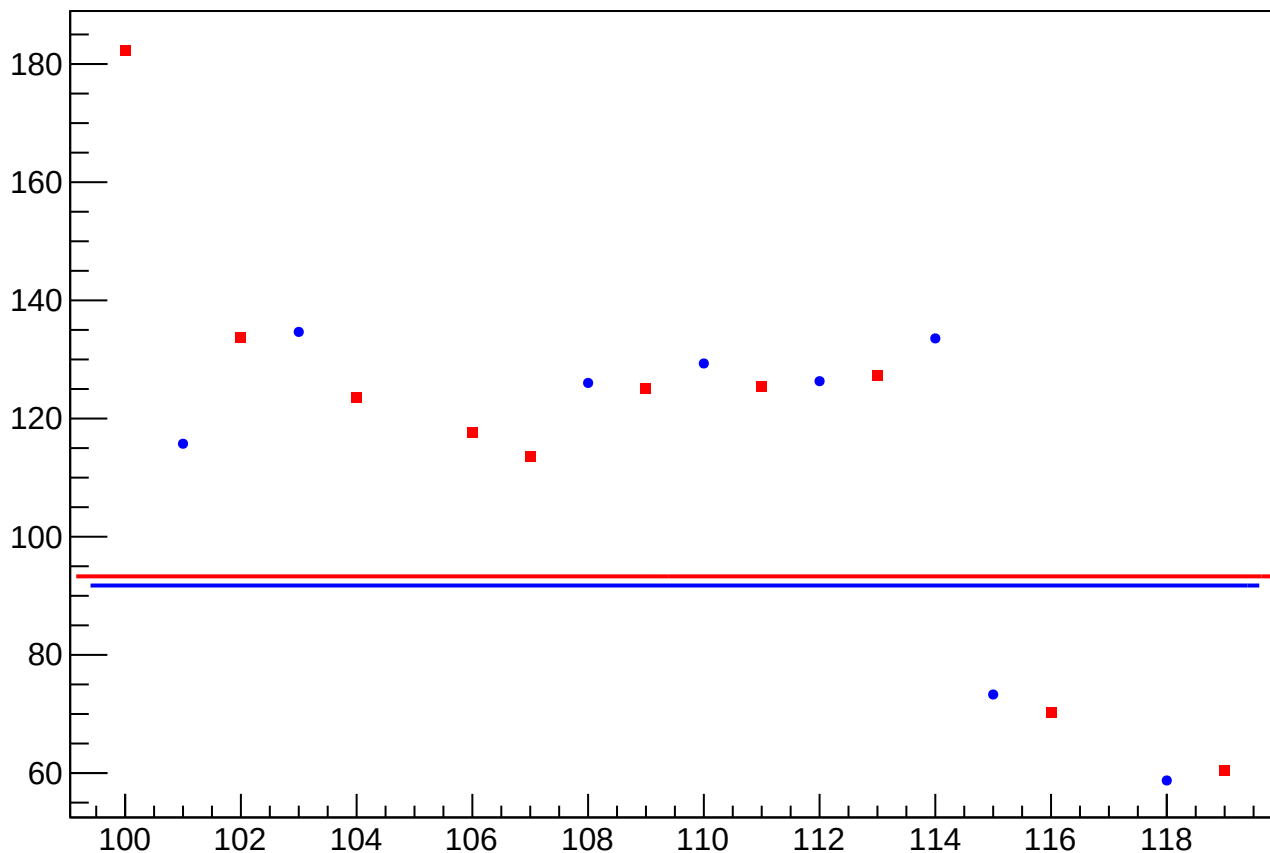
Right: 102.518+/-36.300 χ^2/NDF : 21.5/17

In: 61.933+/-53.685 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.518+/-36.300 χ^2/NDF : 21.5/17

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 91.742 $\pm$ 0.038 χ^2 /NDF: 750009.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.293 $\pm$ 0.035 χ^2 /NDF: 847151.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

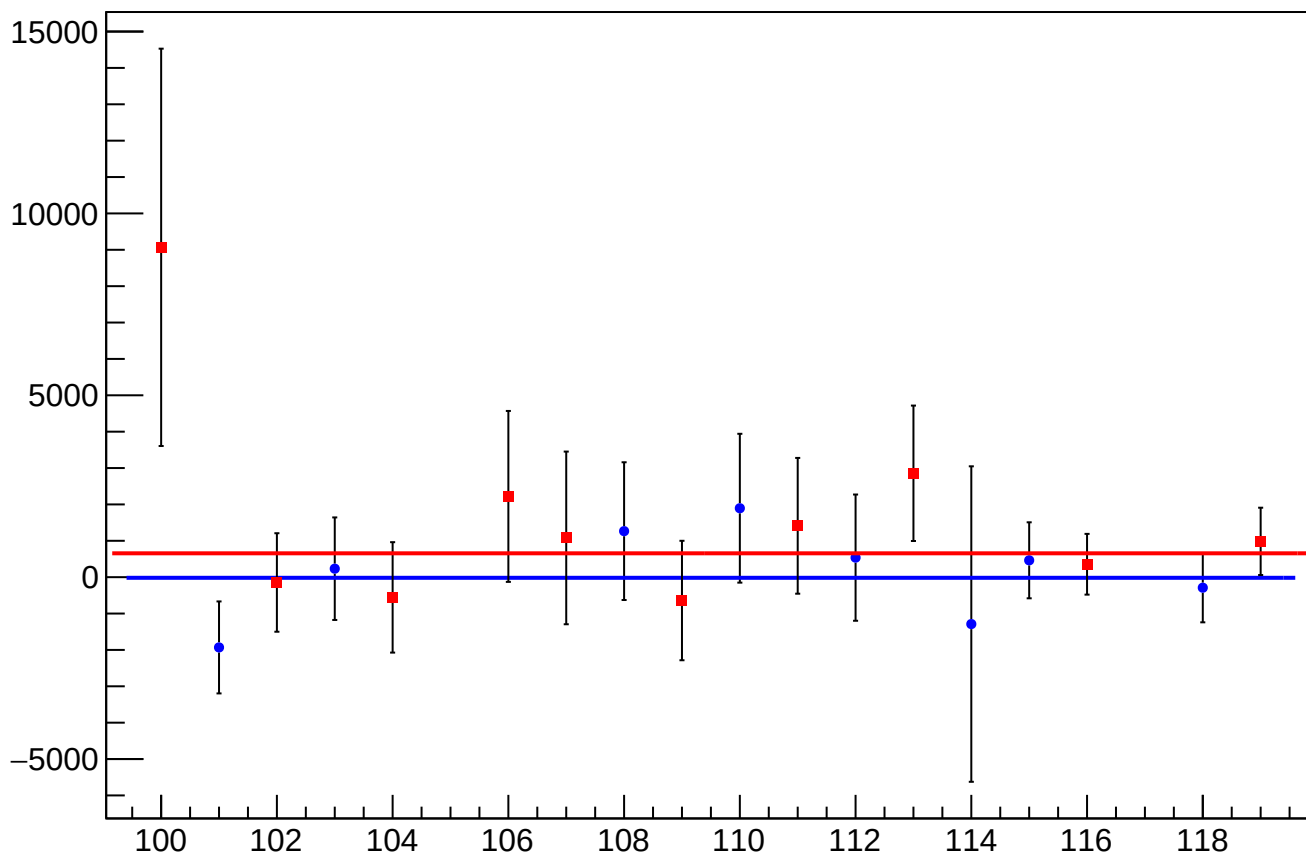
Right: 92.584 $\pm$ 0.026 χ^2 /NDF: 1598066.0/17

In: 91.742 $\pm$ 0.038 χ^2 /NDF:750009.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.584 $\pm$ 0.026 χ^2 /NDF: 1598066.0/17

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -17.232 $\pm$ 496.762 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 656.075 $\pm$ 450.781 χ^2 /NDF: 6.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

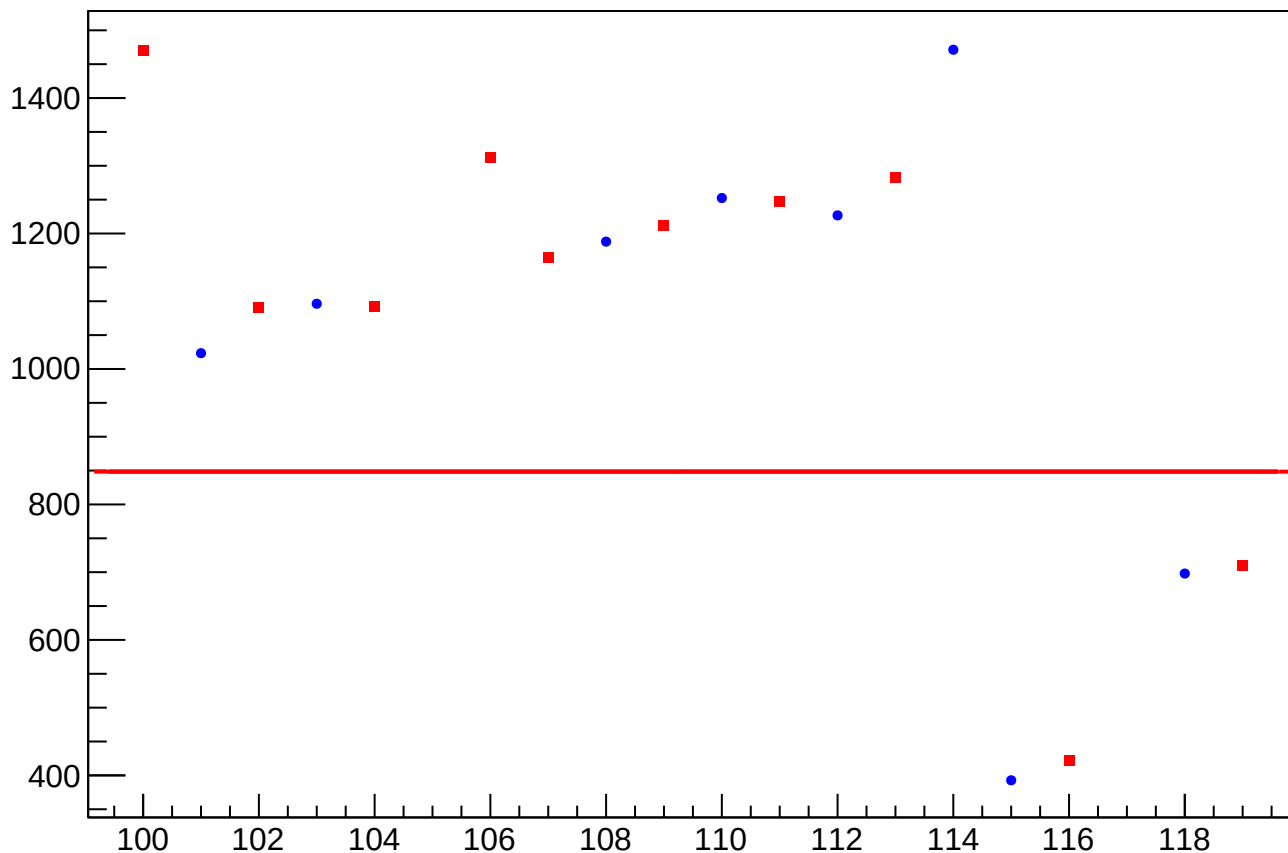
Right: 352.018 $\pm$ 333.825 χ^2 /NDF: 11.4/17

In: -17.232 $\pm$ 496.762 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 352.018 $\pm$ 333.825 χ^2 /NDF: 11.4/17

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 848.561+/-0.351 χ^2/NDF : 809319.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 848.412+/-0.319 χ^2/NDF : 1120319.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

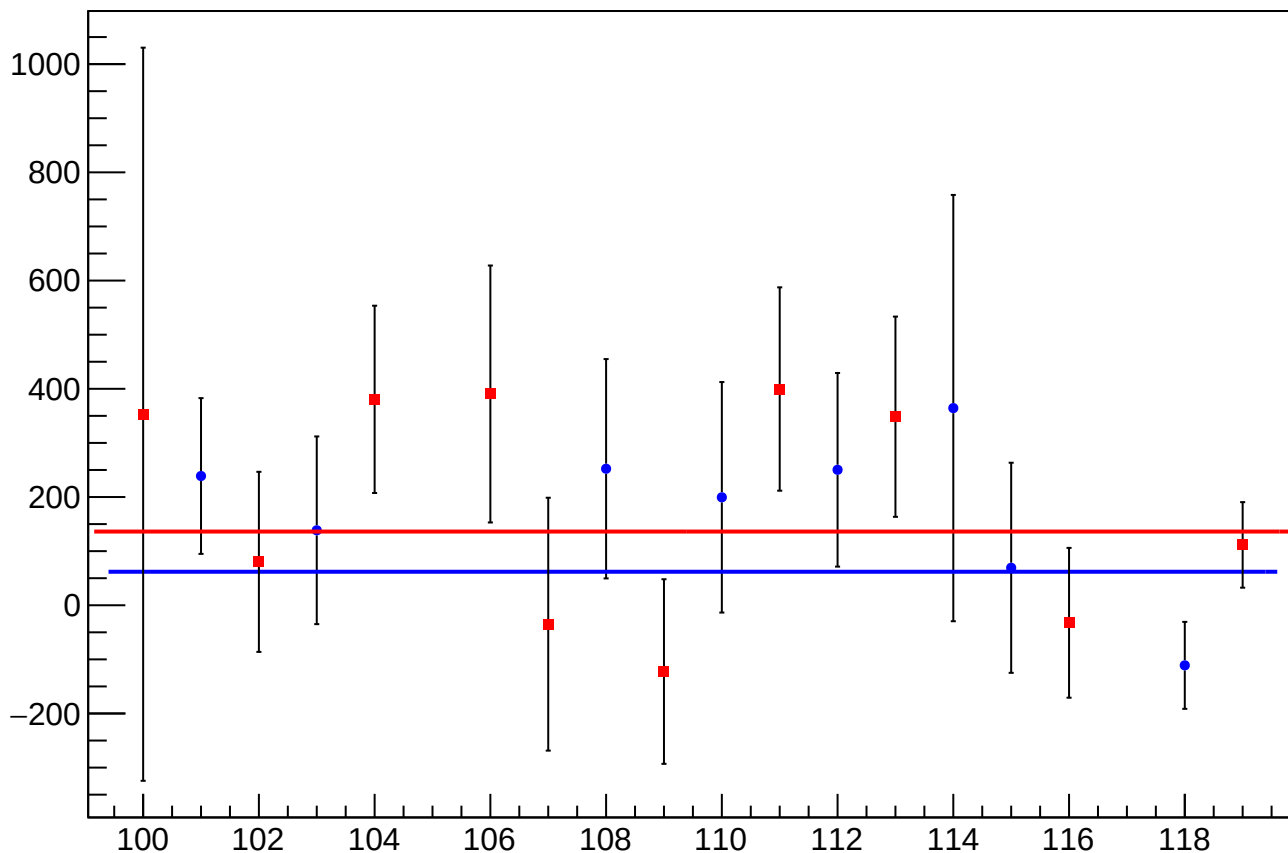
Right: 848.479+/-0.236 χ^2/NDF : 1929638.4/17

In: 848.561+/-0.351 χ^2/NDF : 809319.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 848.479+/-0.236 χ^2/NDF : 1929638.4/17

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 61.929+/-53.685 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.210+/-49.275 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

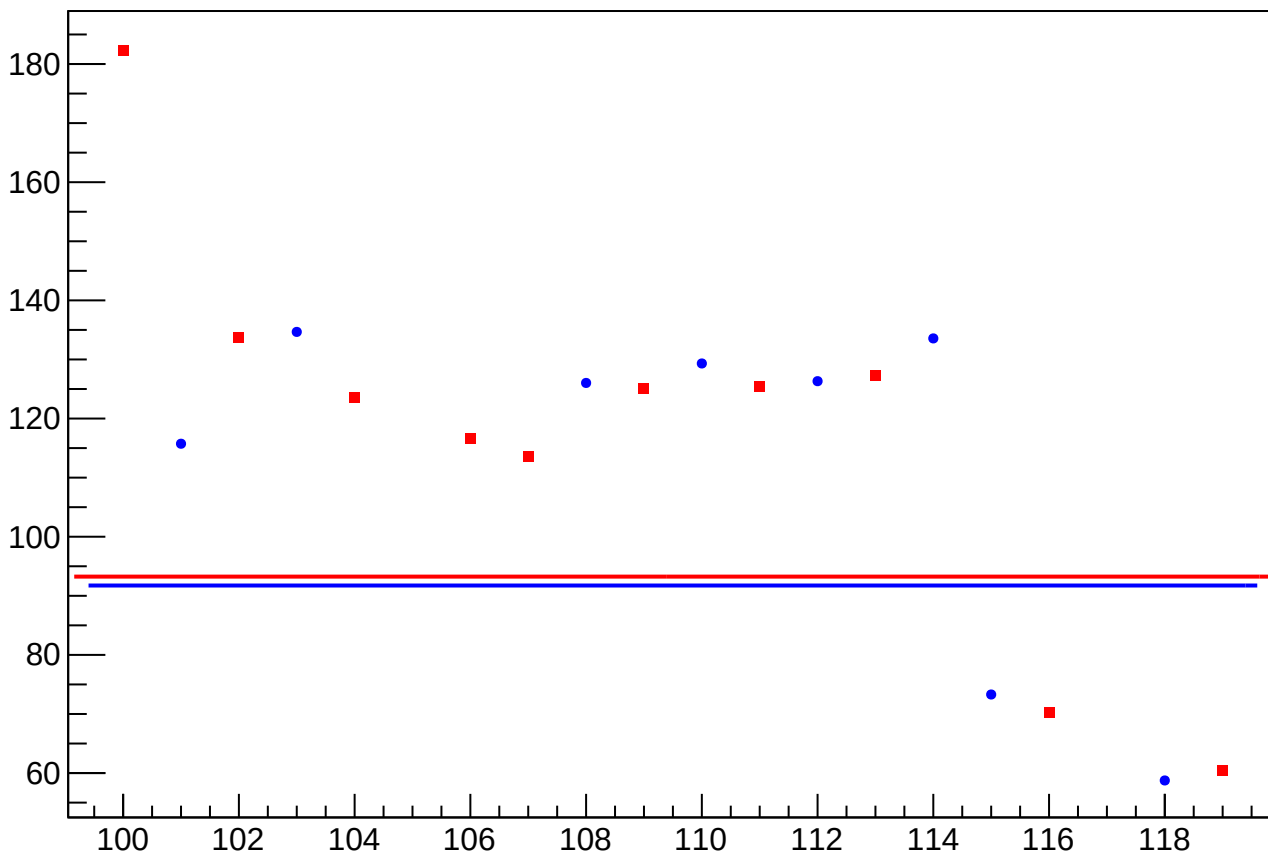
Right: 102.245+/-36.302 χ^2/NDF : 21.4/17

In: 61.929+/-53.685 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.245+/-36.302 χ^2/NDF : 21.4/17

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 91.742 $\pm$ 0.038 χ^2 /NDF: 750011.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 93.249 $\pm$ 0.035 χ^2 /NDF: 845675.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

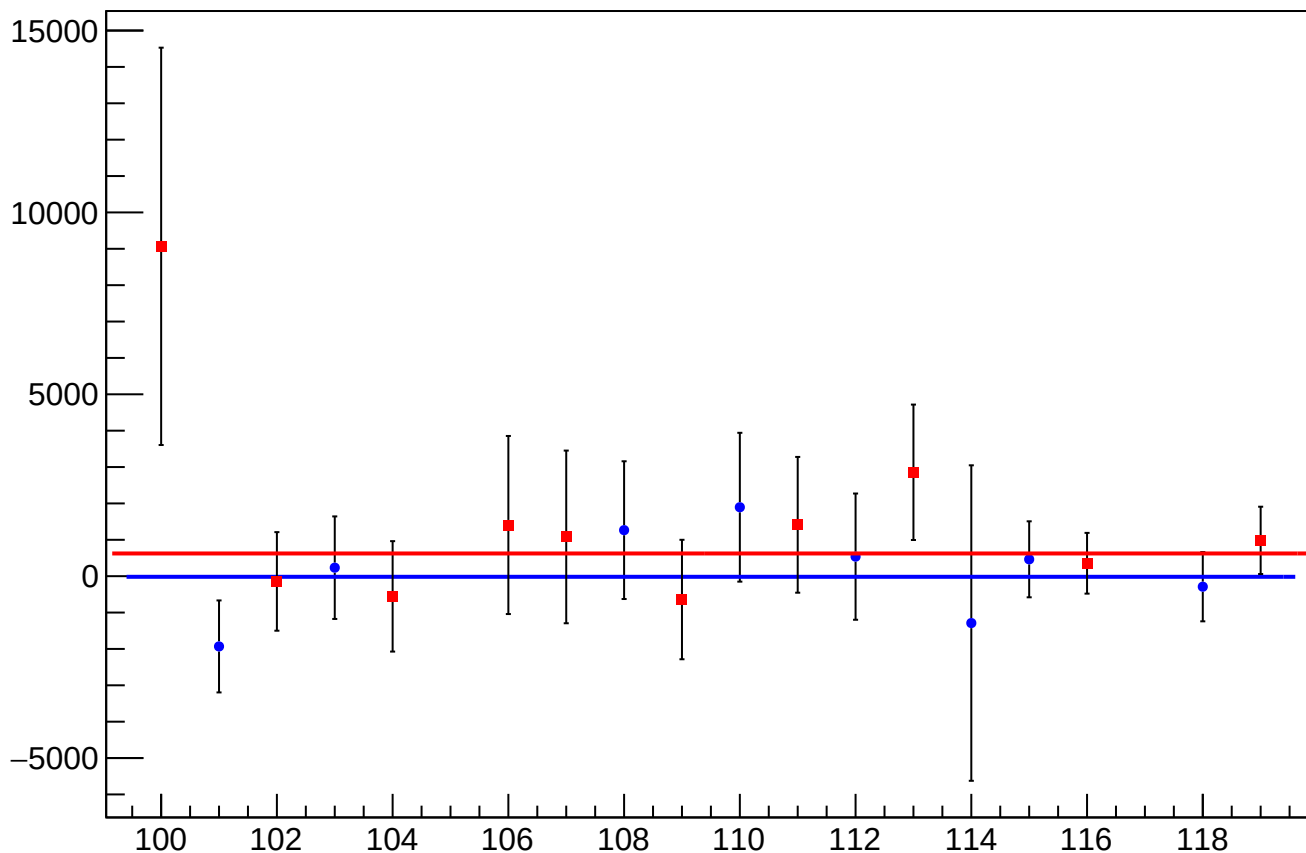
Right: 92.560 $\pm$ 0.026 χ^2 /NDF: 1596541.5/17

In: 91.742 $\pm$ 0.038 χ^2 /NDF:750011.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.560 $\pm$ 0.026 χ^2 /NDF: 1596541.5/17

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -17.144+/-496.764 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.248+/-451.470 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

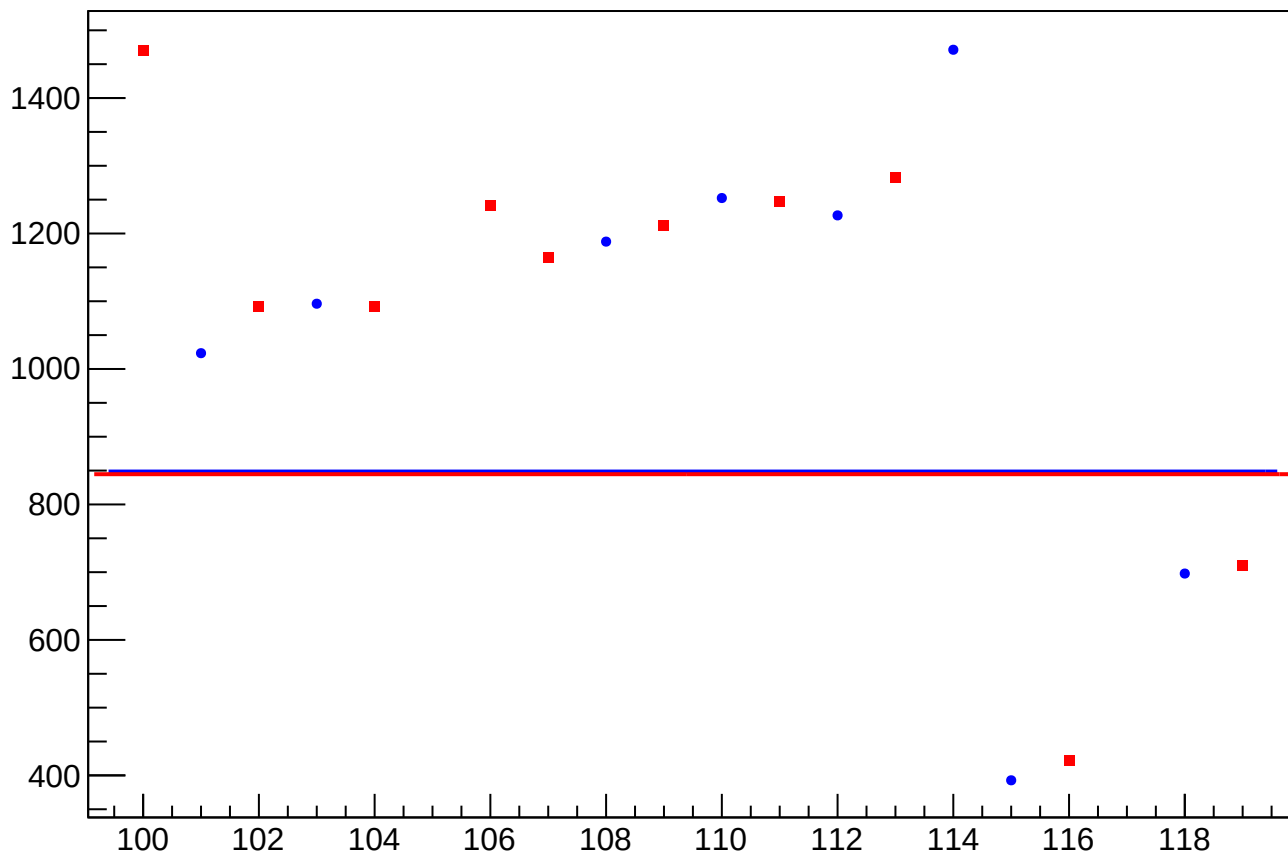
Right: 334.120+/-334.106 χ^2/NDF : 11.0/17

In: -17.144+/-496.764 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.120+/-334.106 χ^2/NDF : 11.0/17

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 848.563 $\pm$ 0.351 χ^2 /NDF: 809351.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 844.663 $\pm$ 0.319 χ^2 /NDF: 1093765.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

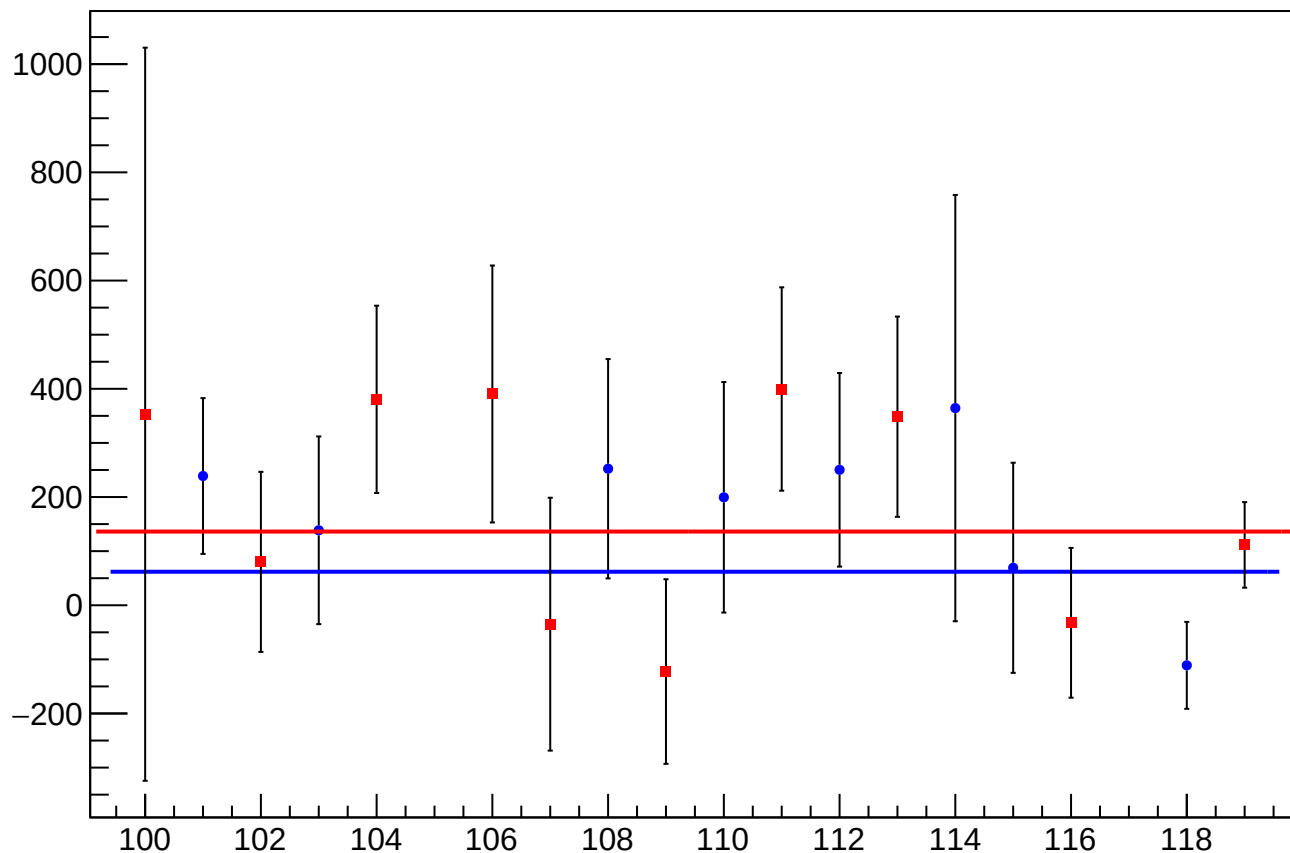
Right: 846.427 $\pm$ 0.236 χ^2 /NDF: 1903184.9/17

In: 848.563 $\pm$ 0.351 χ^2 /NDF: 809351.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 846.427 $\pm$ 0.236 χ^2 /NDF: 1903184.9/17

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 61.929+/-53.685 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.210+/-49.275 χ^2/NDF : 11.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

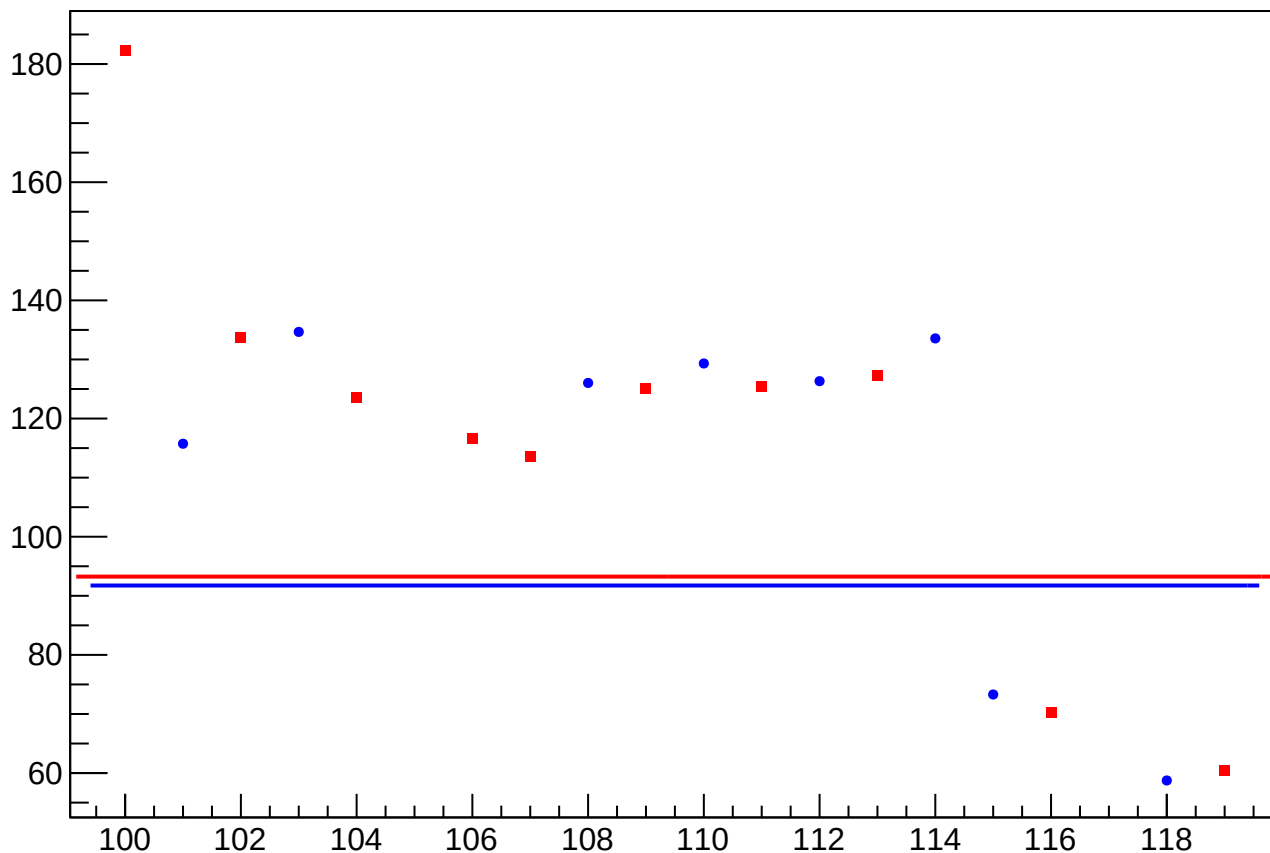
Right: 102.245+/-36.302 χ^2/NDF : 21.4/17

In: 61.929+/-53.685 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.245+/-36.302 χ^2/NDF : 21.4/17

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 91.742+/-0.038 χ^2/NDF : 750011.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.249+/-0.035 χ^2/NDF : 845675.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

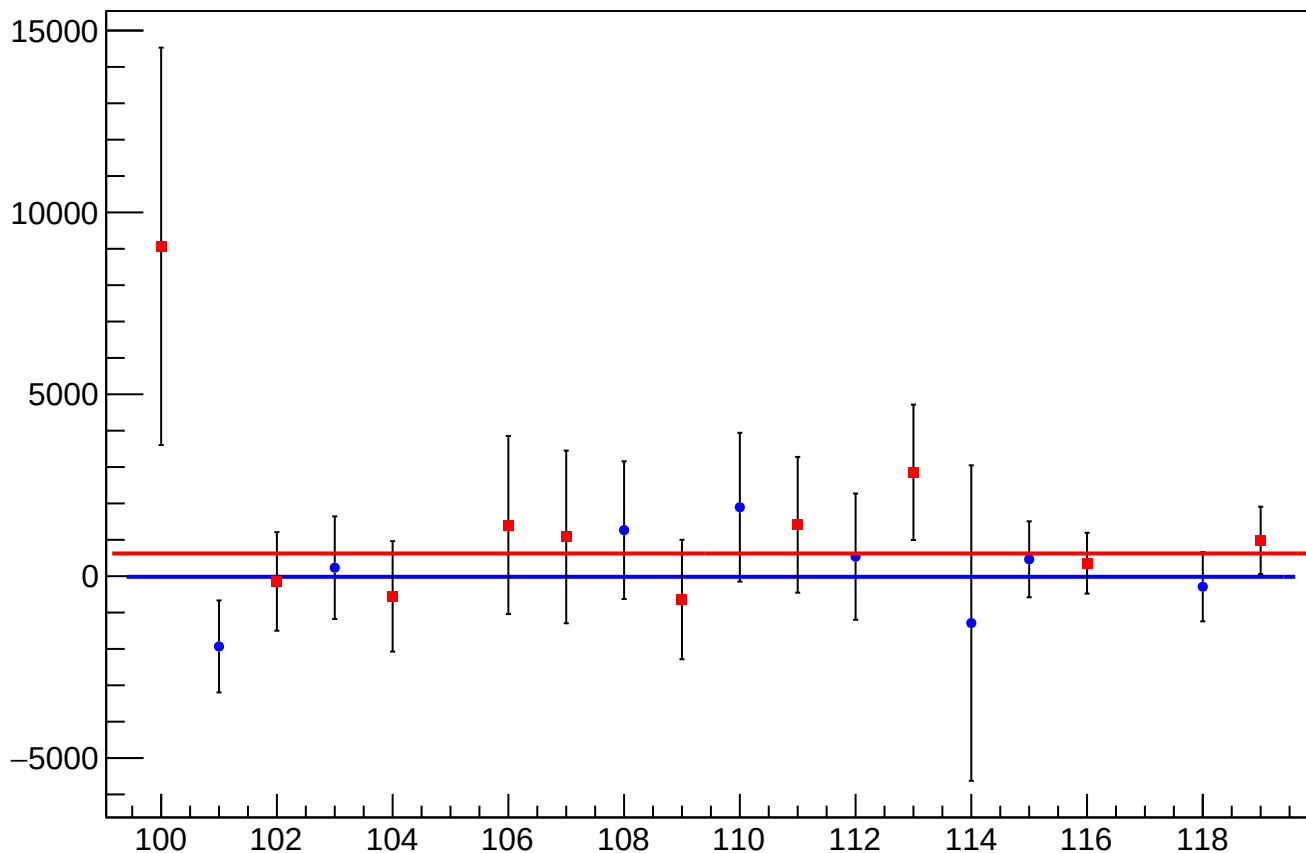
Right: 92.560+/-0.026 χ^2/NDF : 1596541.5/17

In: 91.742+/-0.038 χ^2/NDF : 750011.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.560+/-0.026 χ^2/NDF : 1596541.5/17

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -17.144 $\pm$ 496.764 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 624.248 $\pm$ 451.470 χ^2 /NDF: 5.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

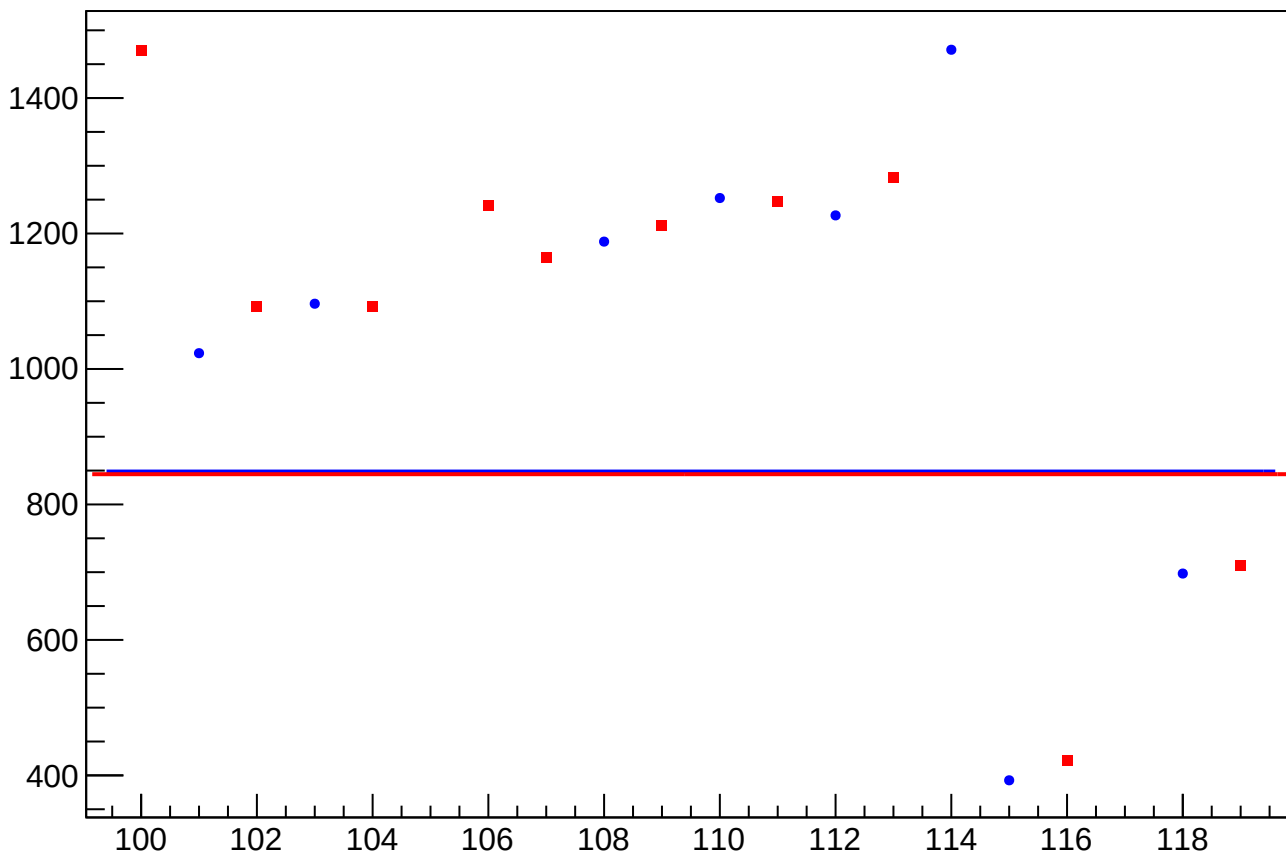
Right: 334.120 $\pm$ 334.106 χ^2 /NDF: 11.0/17

In: -17.144 $\pm$ 496.764 χ^2 /NDF:4.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 334.120 $\pm$ 334.106 χ^2 /NDF: 11.0/17

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 848.563+/-0.351 χ^2/NDF : 809351.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.663+/-0.319 χ^2/NDF : 1093765.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

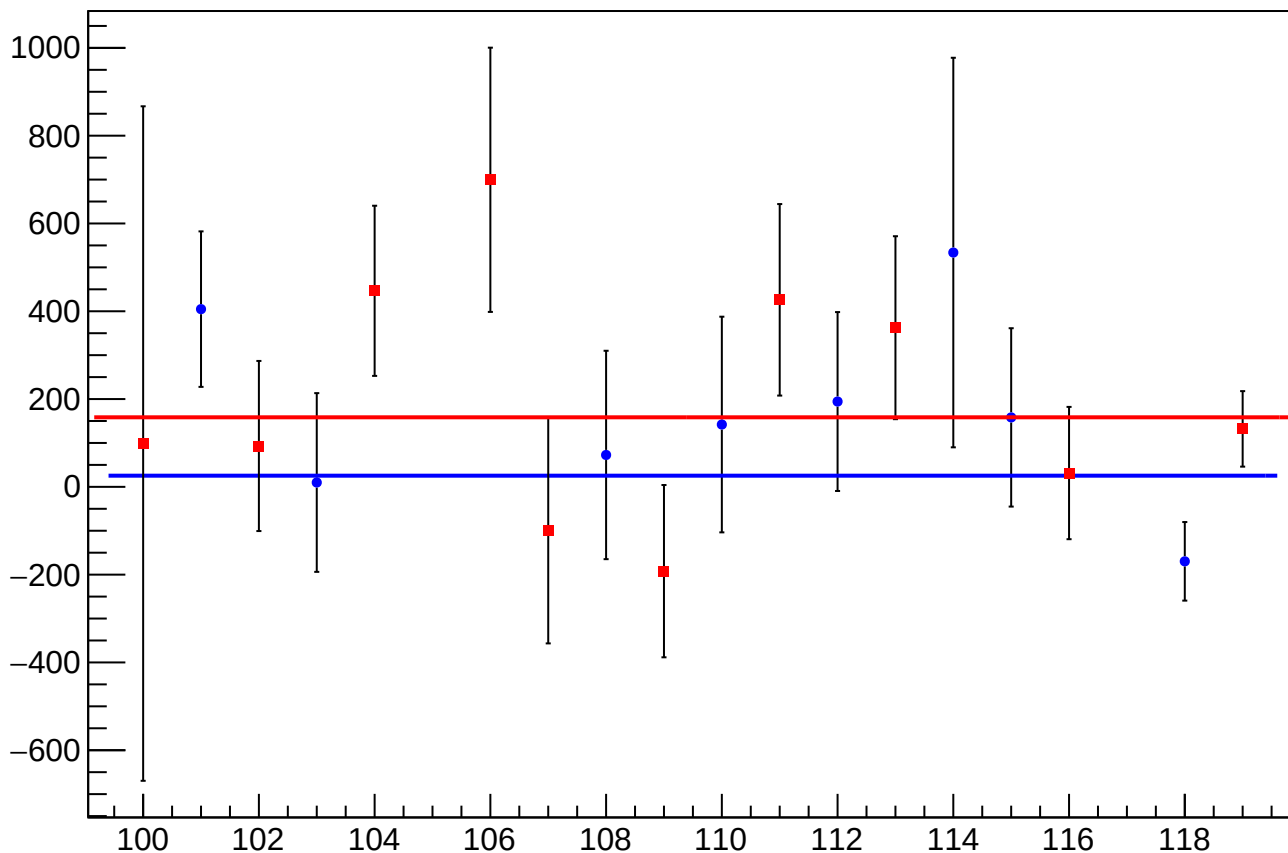
Right: 846.427+/-0.236 χ^2/NDF : 1903184.9/17

In: 848.563+/-0.351 χ^2/NDF : 809351.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 846.427+/-0.236 χ^2/NDF : 1903184.9/17

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 25.440+/-61.025 χ^2/NDF : 12.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.426+/-55.027 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

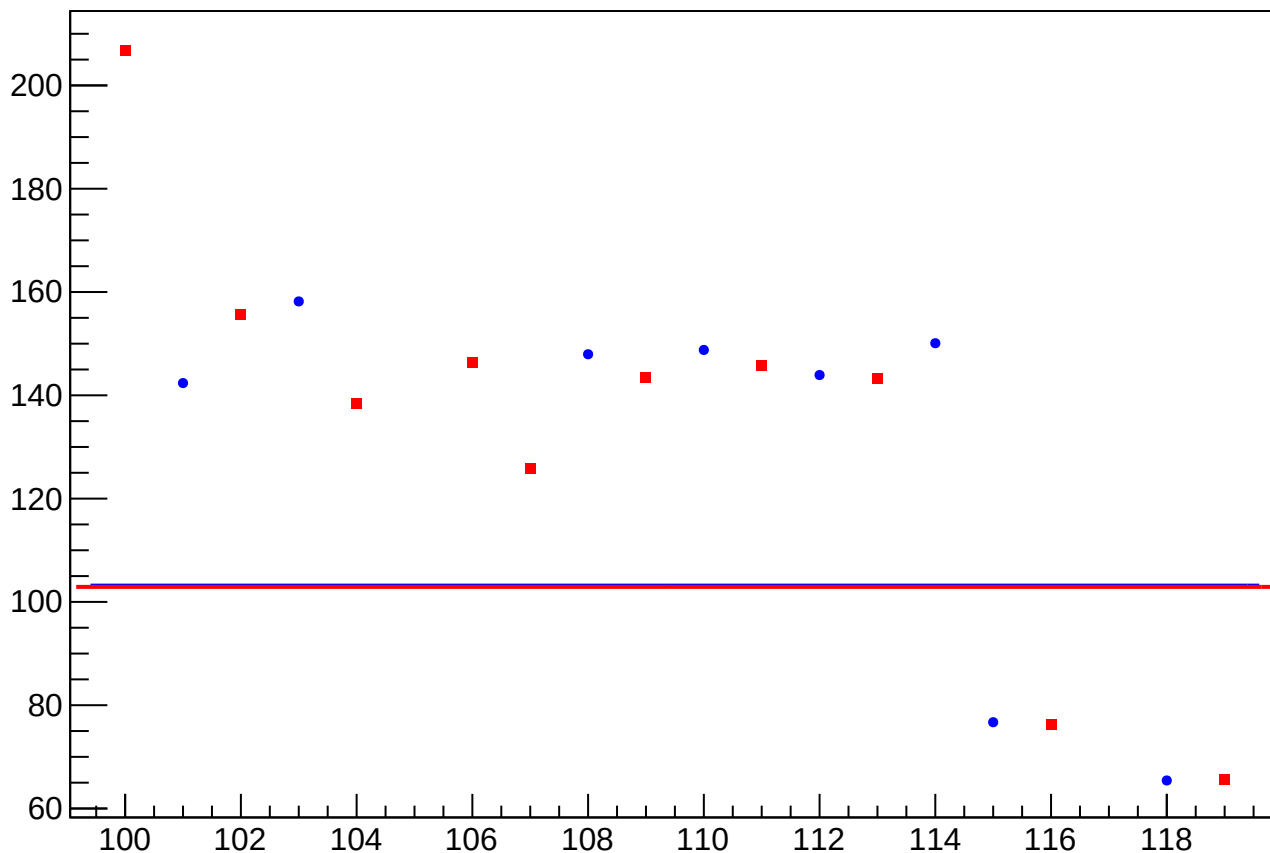
Right: 98.788+/-40.867 χ^2/NDF : 27.7/17

In: 25.440+/-61.025 χ^2/NDF : 12.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.788+/-40.867 χ^2/NDF : 27.7/17

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 103.152+/-0.043 χ^2/NDF : 876033.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.911+/-0.039 χ^2/NDF : 986904.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

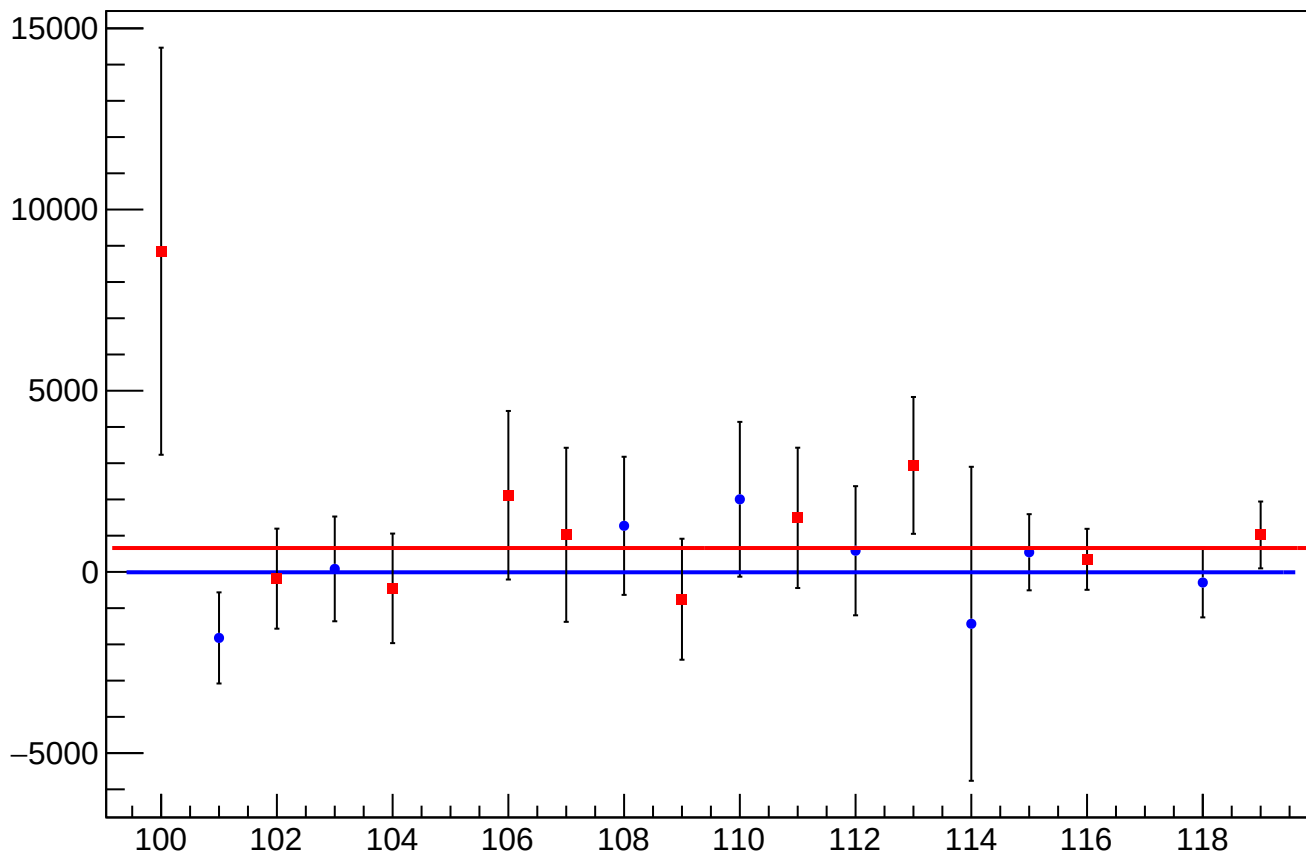
Right: 103.019+/-0.029 χ^2/NDF : 1862955.1/17

In: 103.152+/-0.043 χ^2/NDF : 876033.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.019+/-0.029 χ^2/NDF : 1862955.1/17

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -10.253 ± 502.487 χ^2/NDF : 4.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 659.299 ± 454.283 χ^2/NDF : 6.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

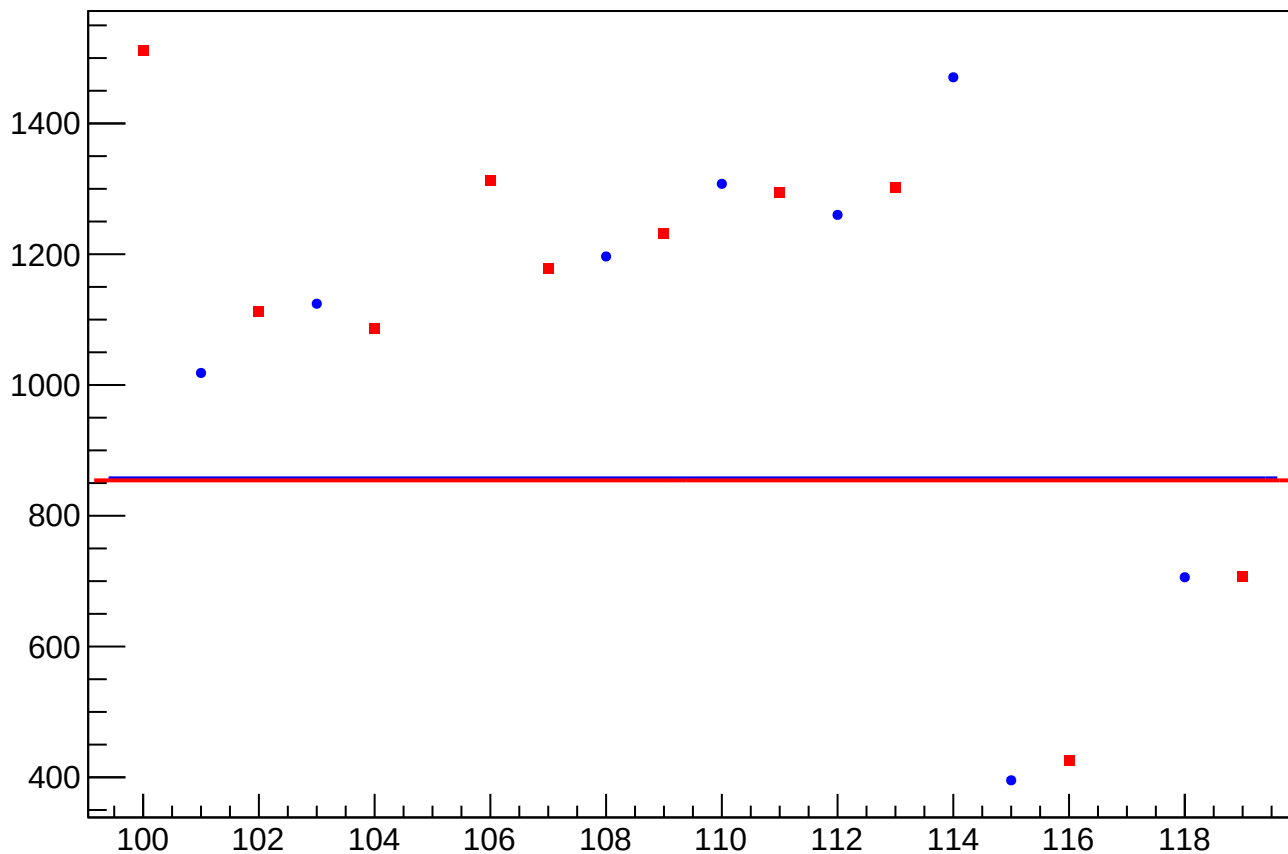
Right: 358.171 ± 336.983 χ^2/NDF : 11.1/17

In: -10.253 ± 502.487 χ^2/NDF : 4.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 358.171 ± 336.983 χ^2/NDF : 11.1/17

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 857.150+/-0.355 χ^2/NDF : 831627.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 854.143+/-0.321 χ^2/NDF : 1147317.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

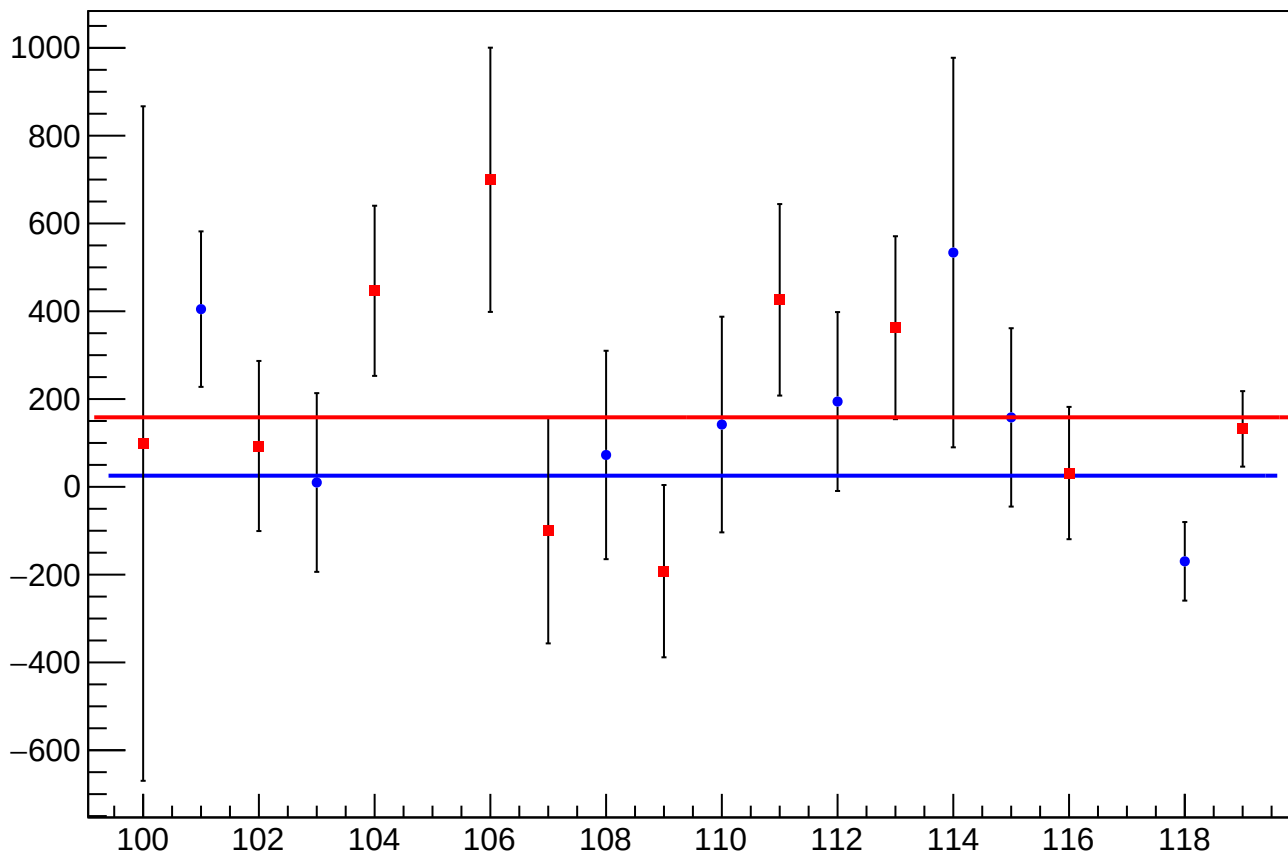
Right: 855.496+/-0.238 χ^2/NDF : 1978984.7/17

In: 857.150+/-0.355 χ^2/NDF : 831627.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.496+/-0.238 χ^2/NDF : 1978984.7/17

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 25.440+/-61.025 χ^2/NDF : 12.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 158.426+/-55.027 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

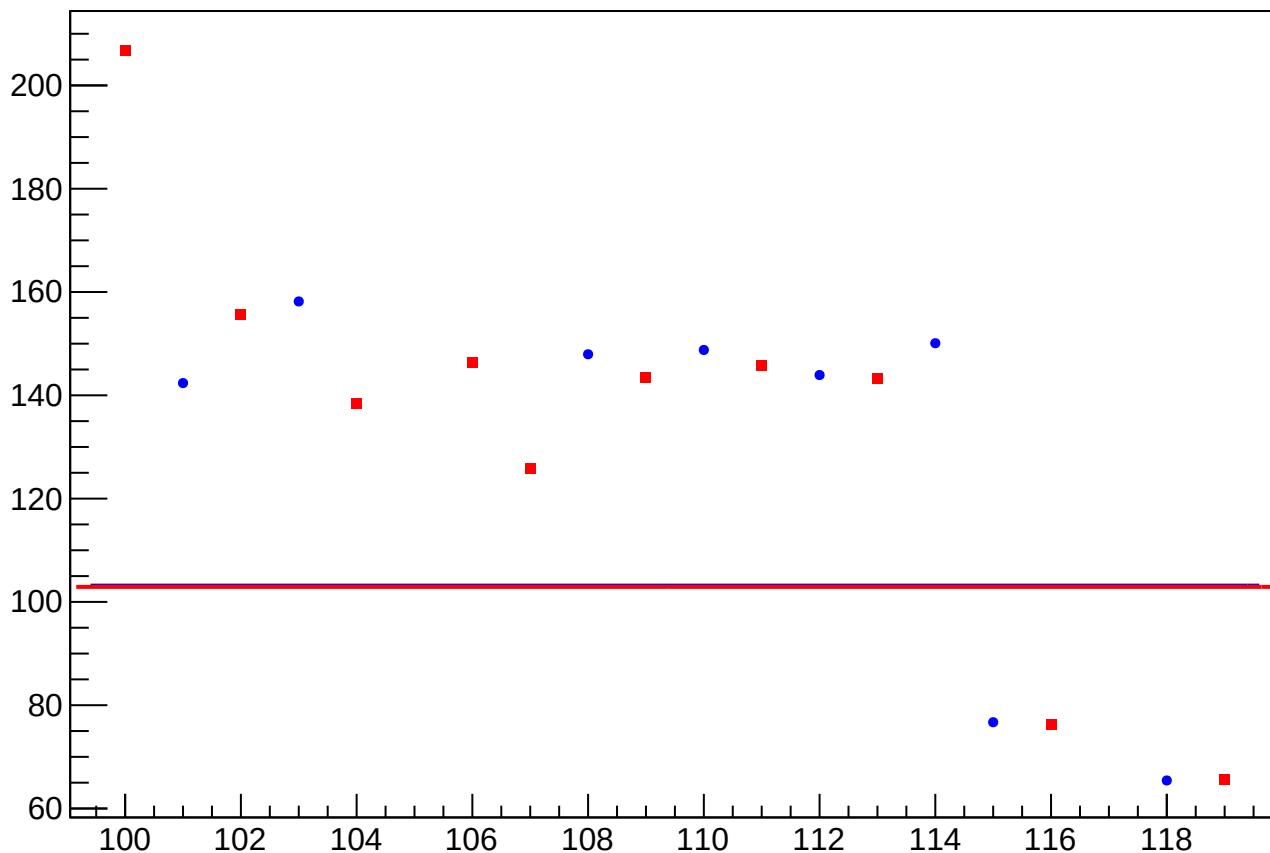
Right: 98.787+/-40.867 χ^2/NDF : 27.7/17

In: 25.440+/-61.025 χ^2/NDF : 12.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.787+/-40.867 χ^2/NDF : 27.7/17

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 103.152+/-0.043 χ^2/NDF : 876021.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.911+/-0.039 χ^2/NDF : 986888.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

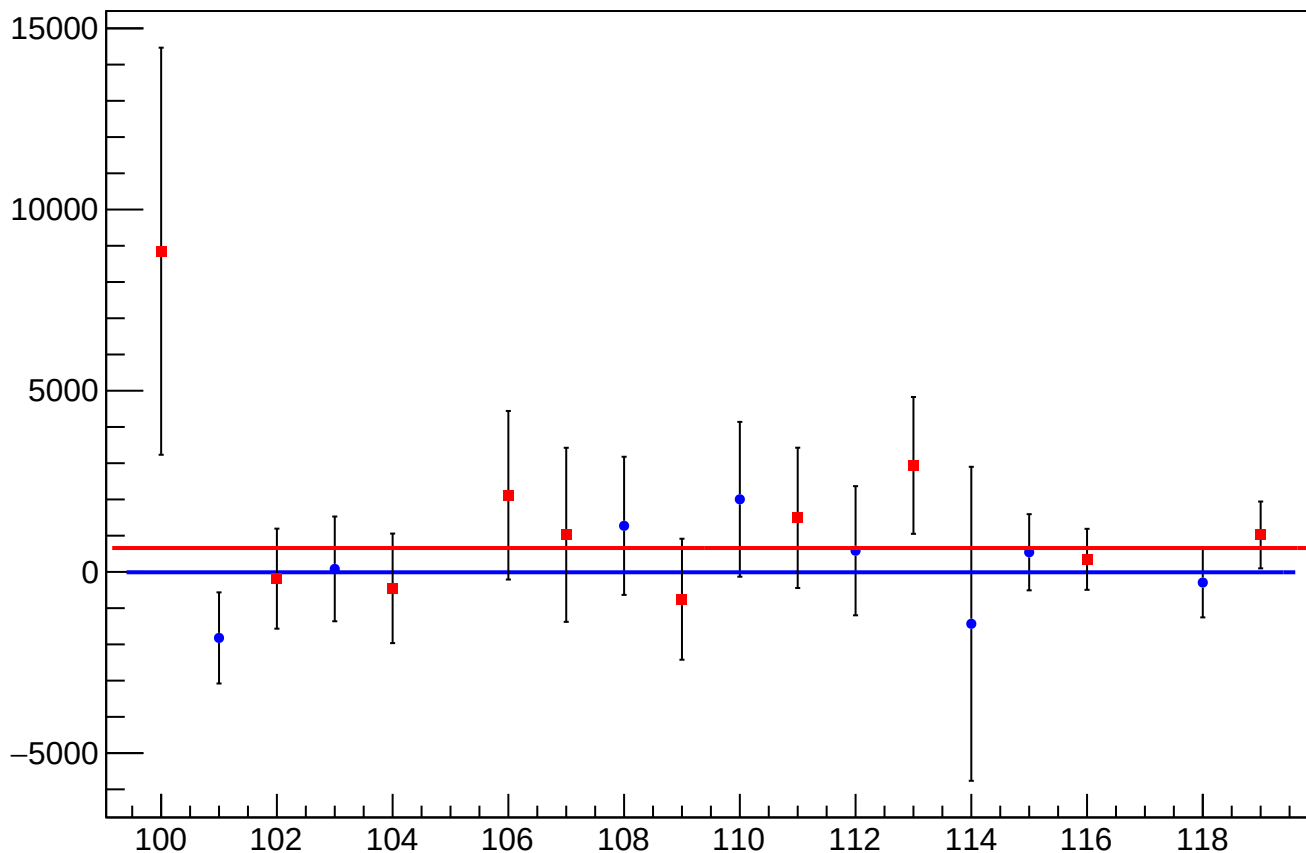
Right: 103.019+/-0.029 χ^2/NDF : 1862927.7/17

In: 103.152+/-0.043 χ^2/NDF : 876021.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.019+/-0.029 χ^2/NDF : 1862927.7/17

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -10.253 ± 502.486 χ^2/NDF : 4.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 659.299 ± 454.282 χ^2/NDF : 6.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

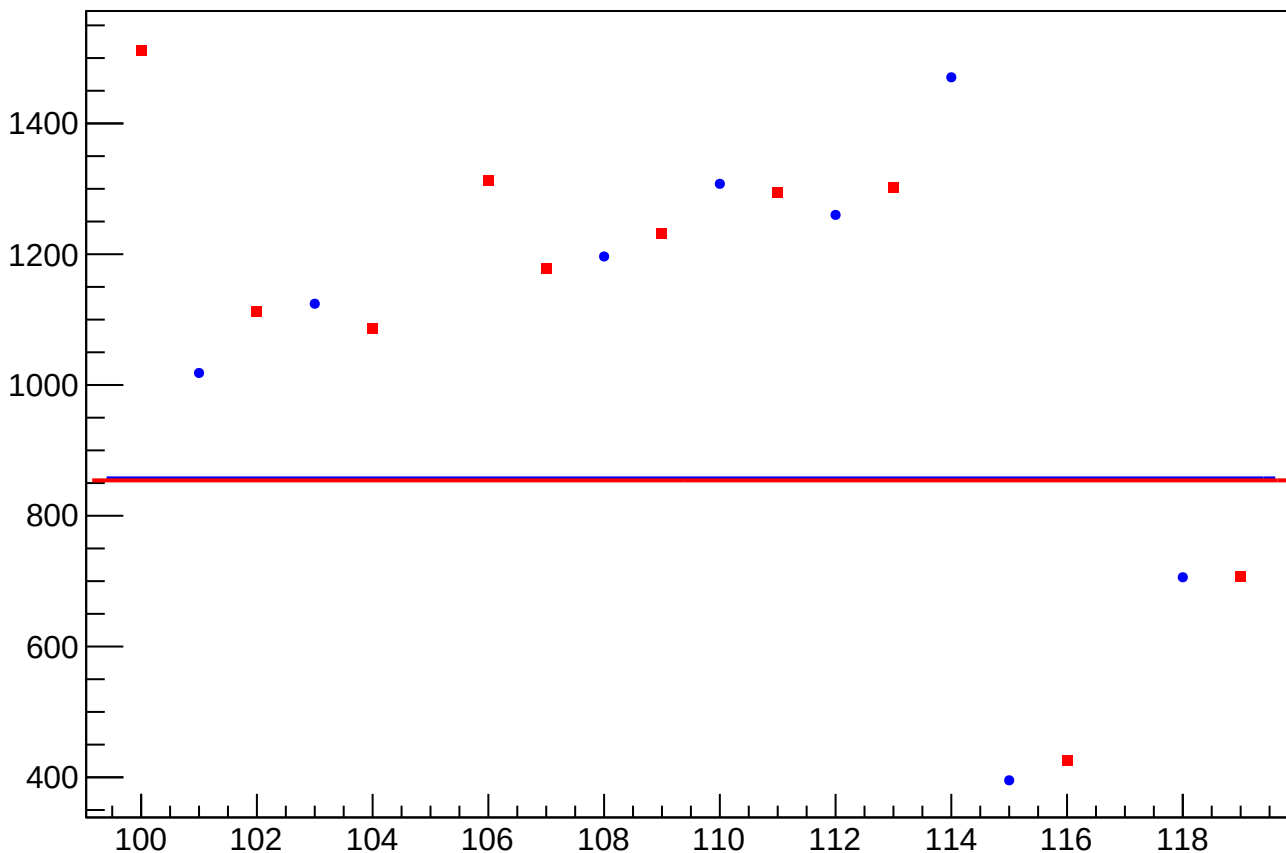
Right: 358.171 ± 336.983 χ^2/NDF : 11.1/17

In: -10.253 ± 502.486 χ^2/NDF : 4.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 358.171 ± 336.983 χ^2/NDF : 11.1/17

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 857.150+/-0.355 χ^2/NDF : 831614.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 854.143+/-0.321 χ^2/NDF : 1147304.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

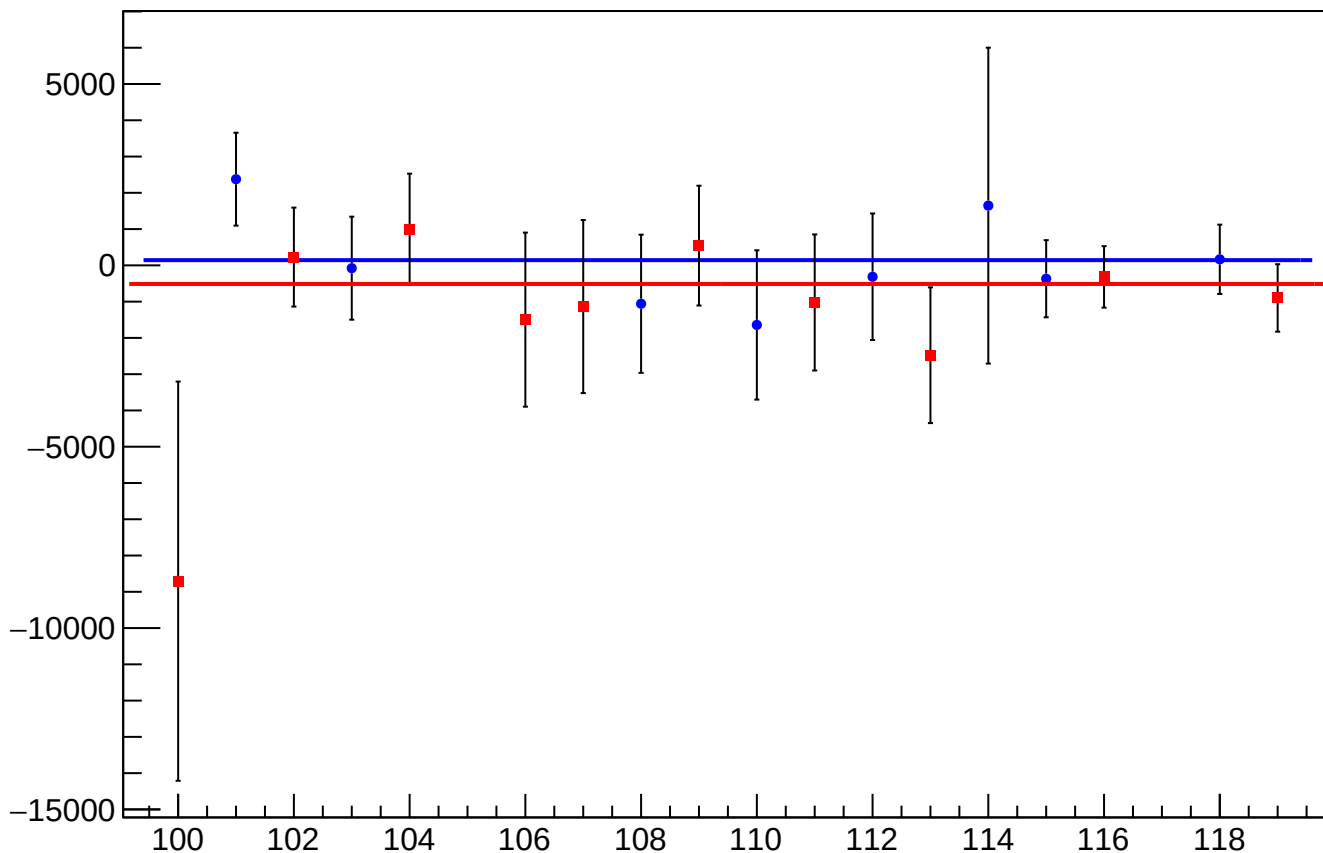
Right: 855.495+/-0.238 χ^2/NDF : 1978957.9/17

In: 857.150+/-0.355 χ^2/NDF : 831614.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.495+/-0.238 χ^2/NDF : 1978957.9/17

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 143.857+/-501.376 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -512.544+/-454.872 χ^2/NDF : 5.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

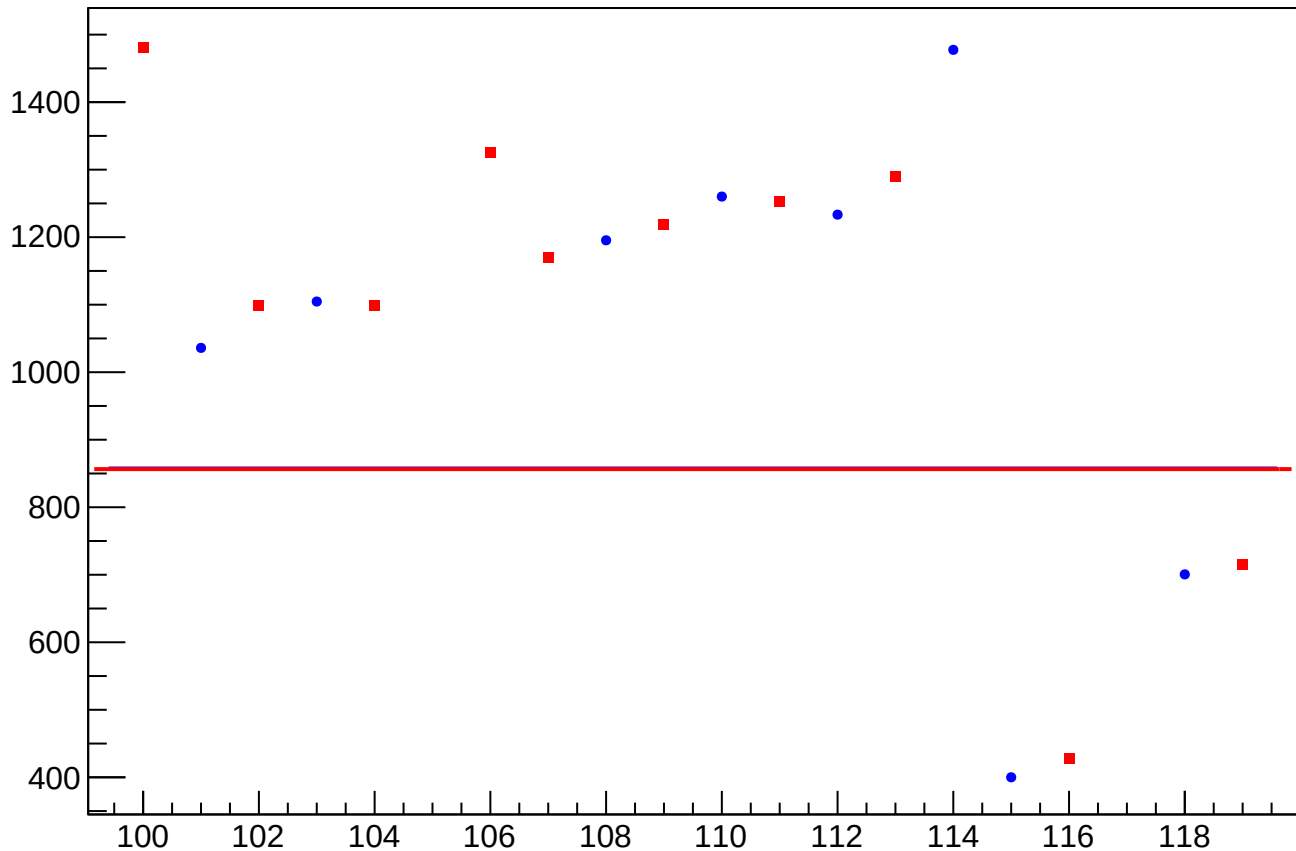
Right: -216.189+/-336.887 χ^2/NDF : 11.1/17

In: 143.857+/-501.376 χ^2/NDF :4.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -216.189+/-336.887 χ^2/NDF : 11.1/17

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 857.339+/-0.355 χ^2/NDF : 796239.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 856.481+/-0.322 χ^2/NDF : 1101220.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

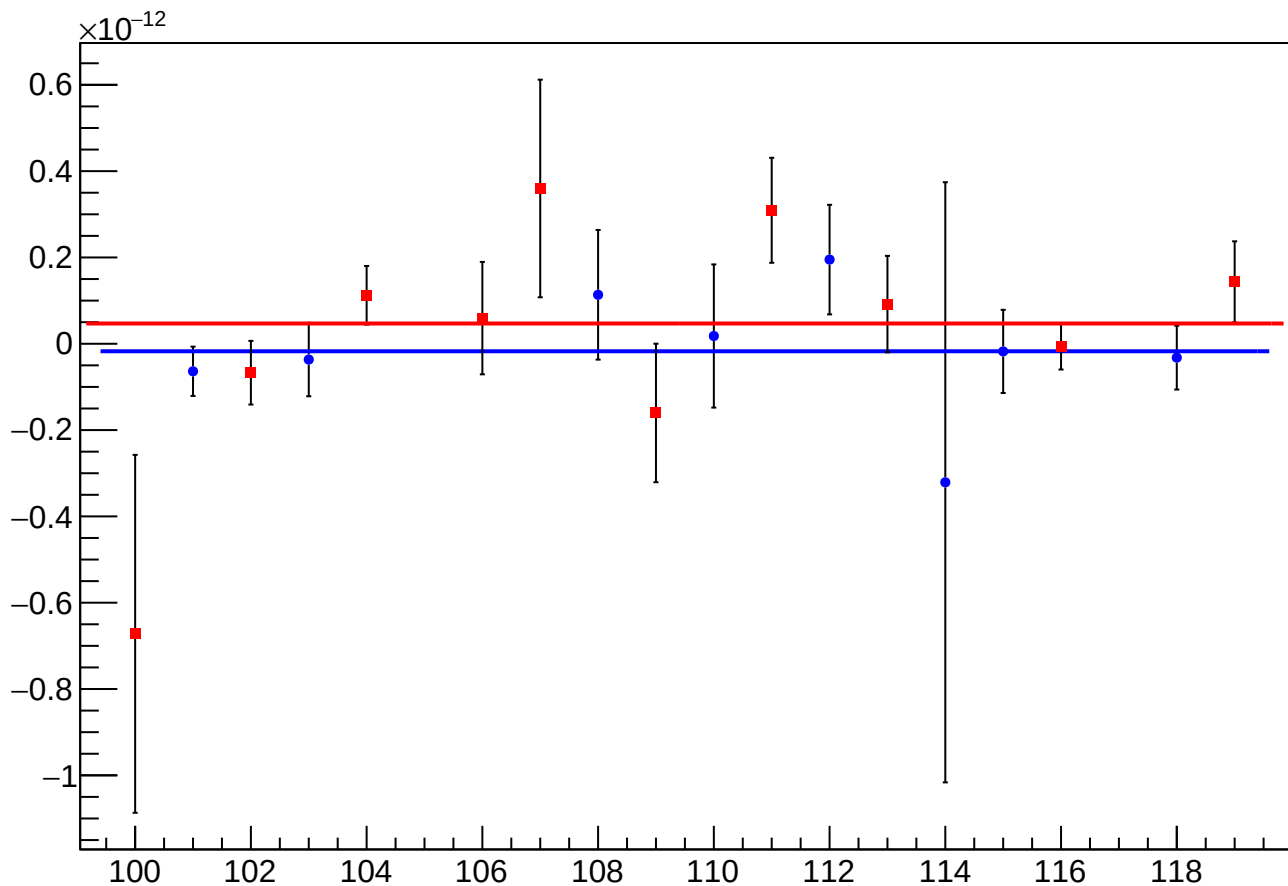
Right: 856.868+/-0.238 χ^2/NDF : 1897462.5/17

In: 857.339+/-0.355 χ^2/NDF : 796239.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.868+/-0.238 χ^2/NDF : 1897462.5/17

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

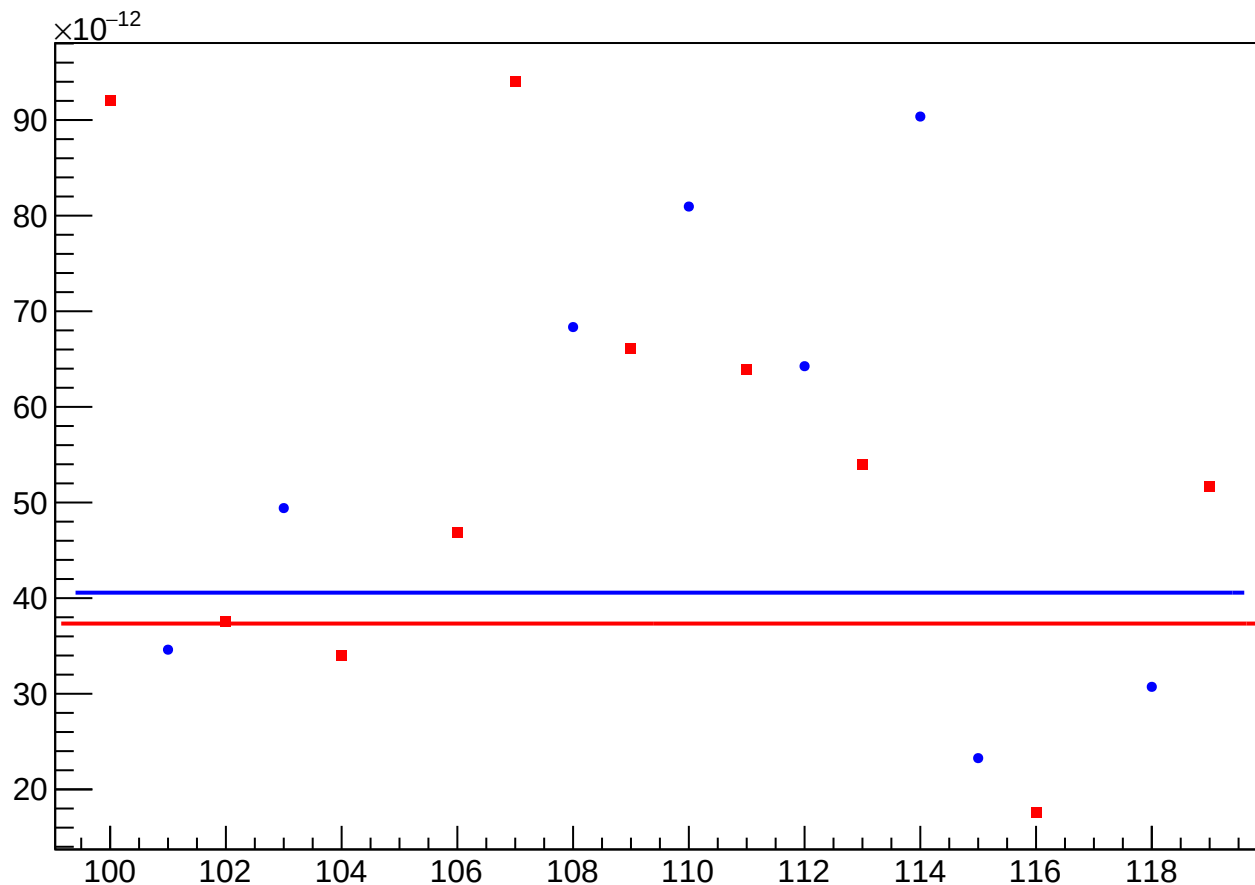
Right: 0.000+/-0.000 χ^2/NDF : 23.0/17

In: -0.000+/-0.000 χ^2/NDF :4.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.0/17

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 410120.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 677879.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

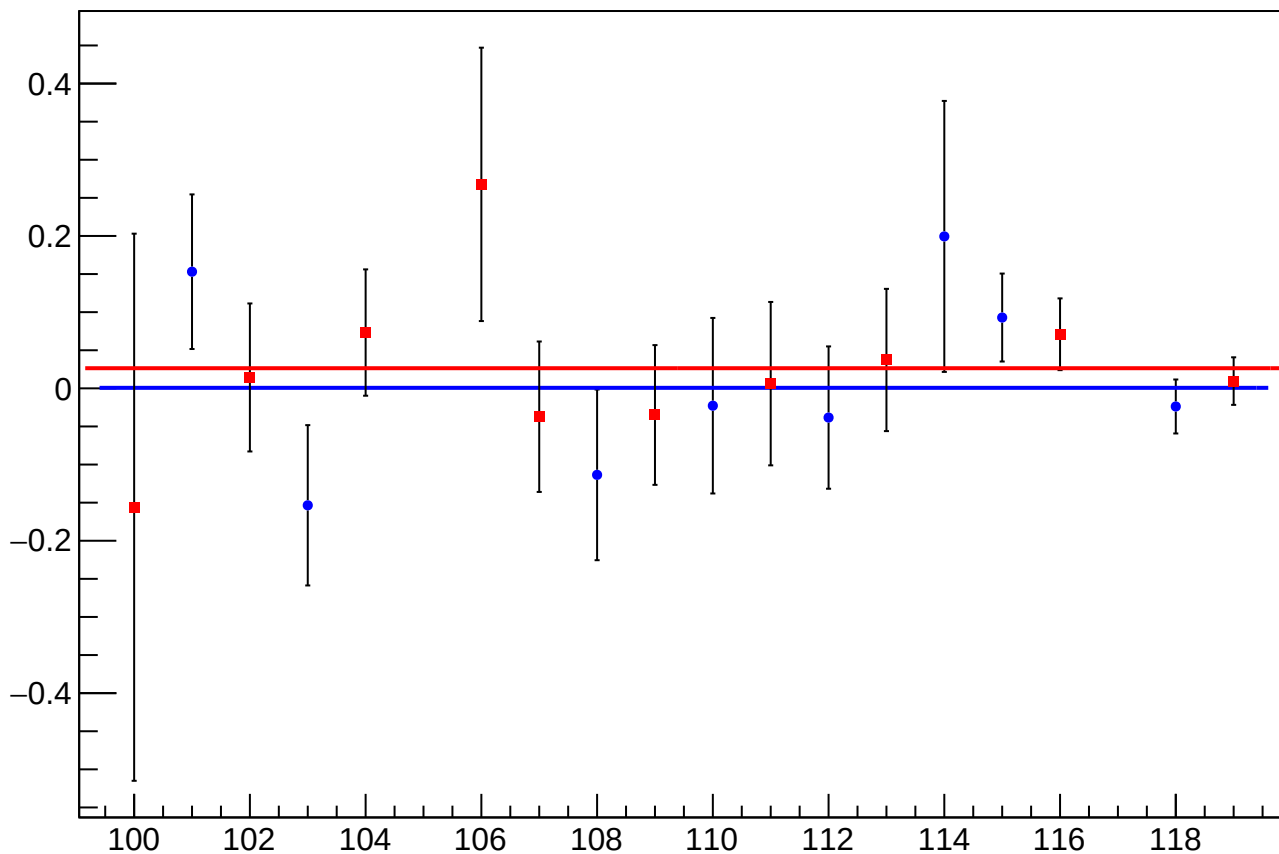
Right: 0.000+/-0.000 χ^2/NDF : 1098352.7/17

In: 0.000+/-0.000 χ^2/NDF : 410120.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1098352.7/17

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

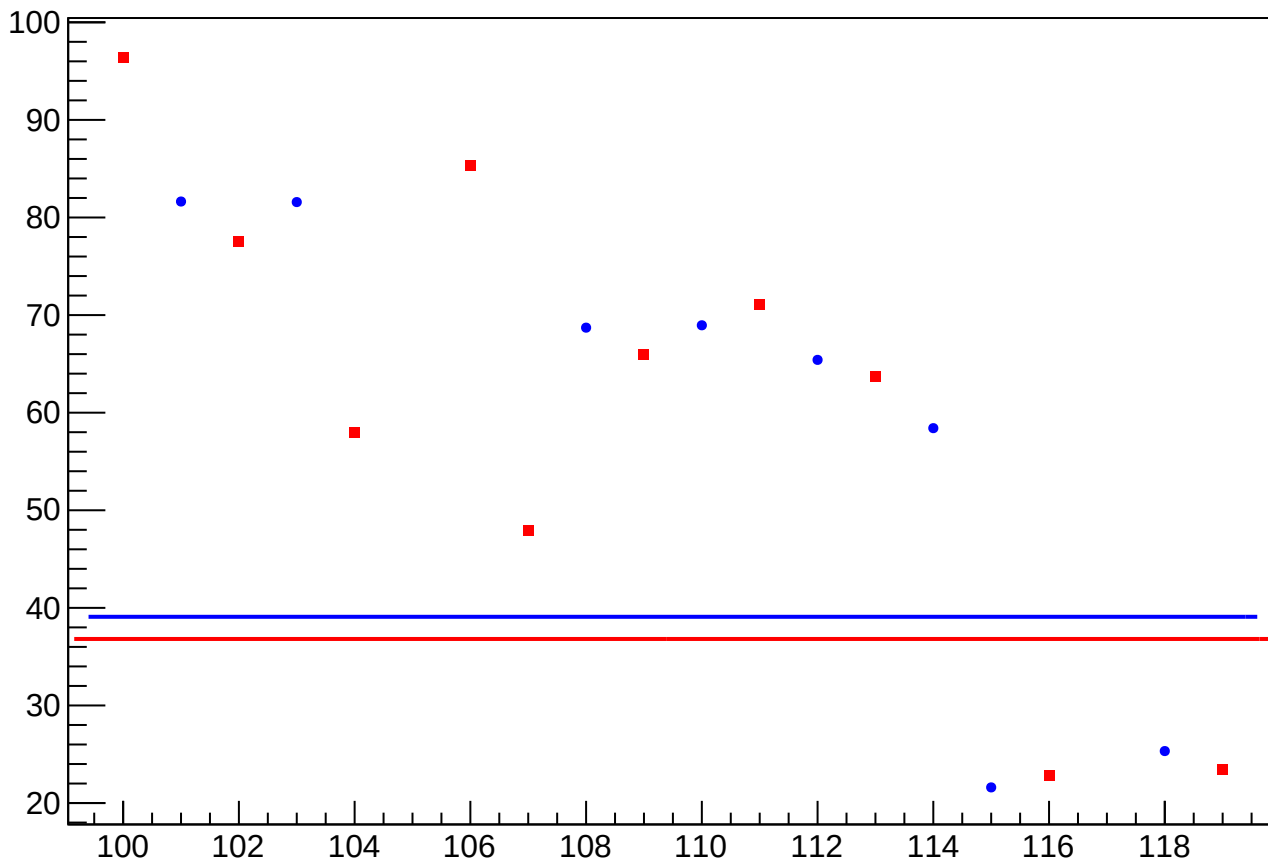
Right: 0.016+/-0.016 χ^2/NDF : 15.1/17

In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.016 χ^2/NDF : 15.1/17

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.086+/-0.018 χ^2/NDF : 1620428.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824427.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

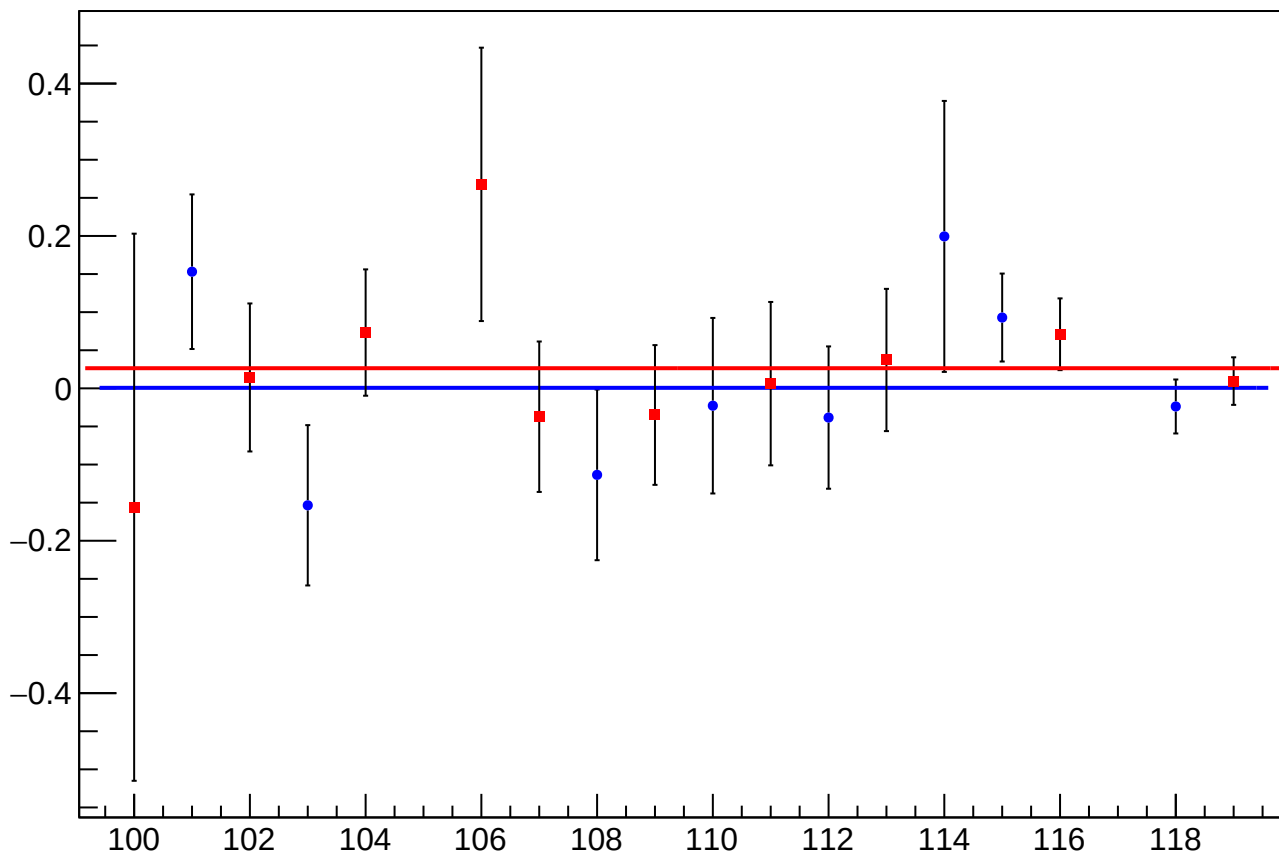
Right: 37.768+/-0.012 χ^2/NDF : 3454356.3/17

In: 39.086+/-0.018 χ^2/NDF : 1620428.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.768+/-0.012 χ^2/NDF : 3454356.3/17

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

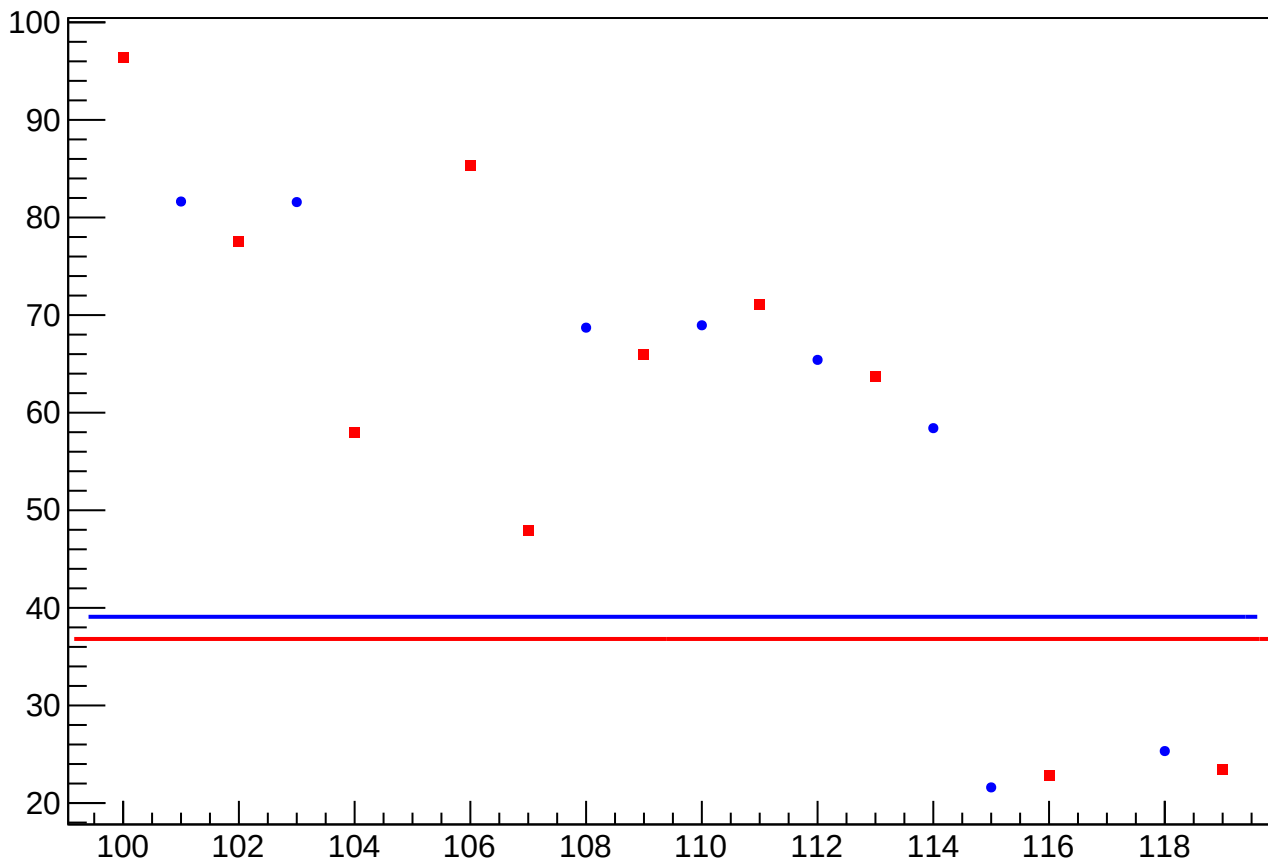
Right: 0.016+/-0.016 χ^2/NDF : 15.1/17

In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.016 χ^2/NDF : 15.1/17

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.086+/-0.018 χ^2/NDF : 1620428.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824427.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

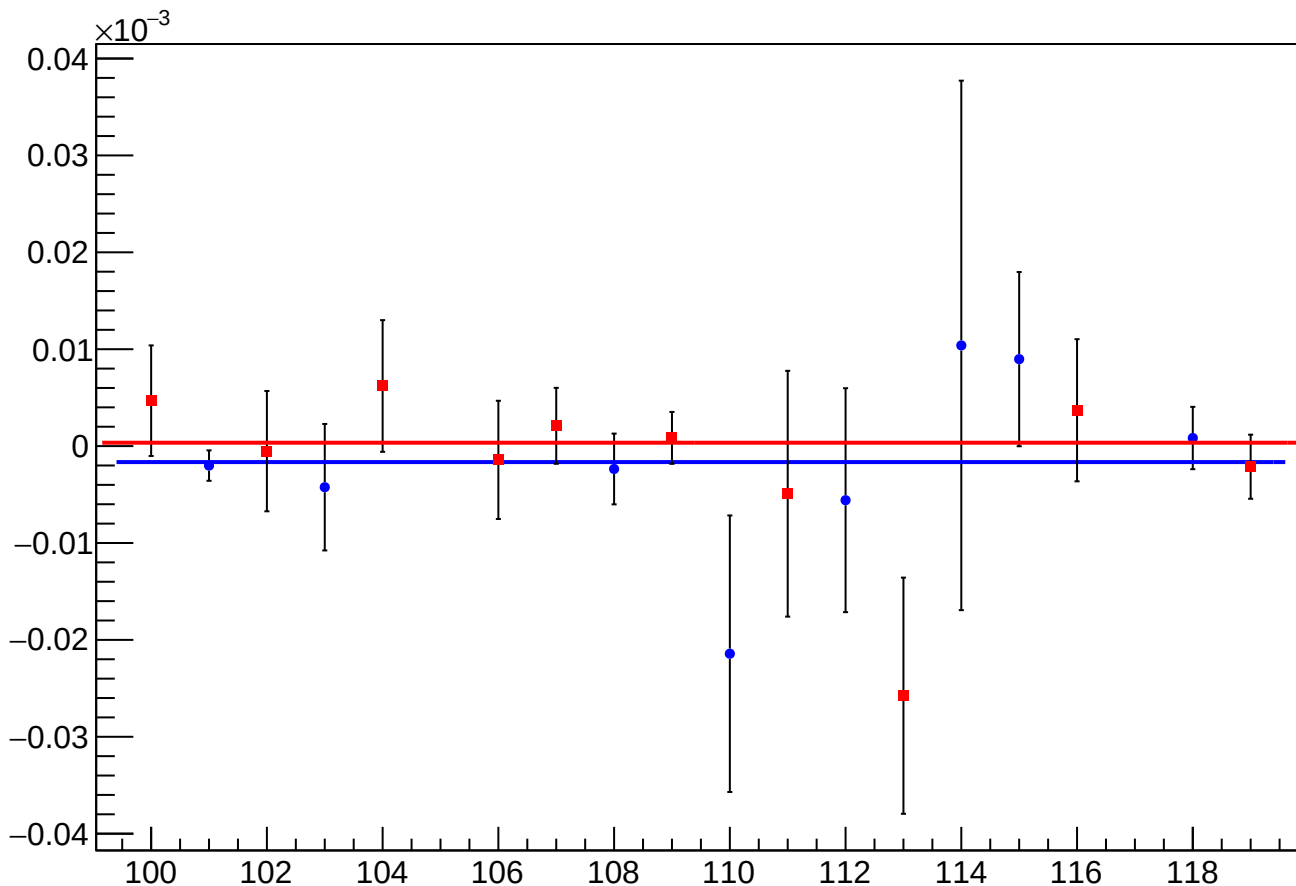
Right: 37.768+/-0.012 χ^2/NDF : 3454356.3/17

In: 39.086+/-0.018 χ^2/NDF : 1620428.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.768+/-0.012 χ^2/NDF : 3454356.3/17

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

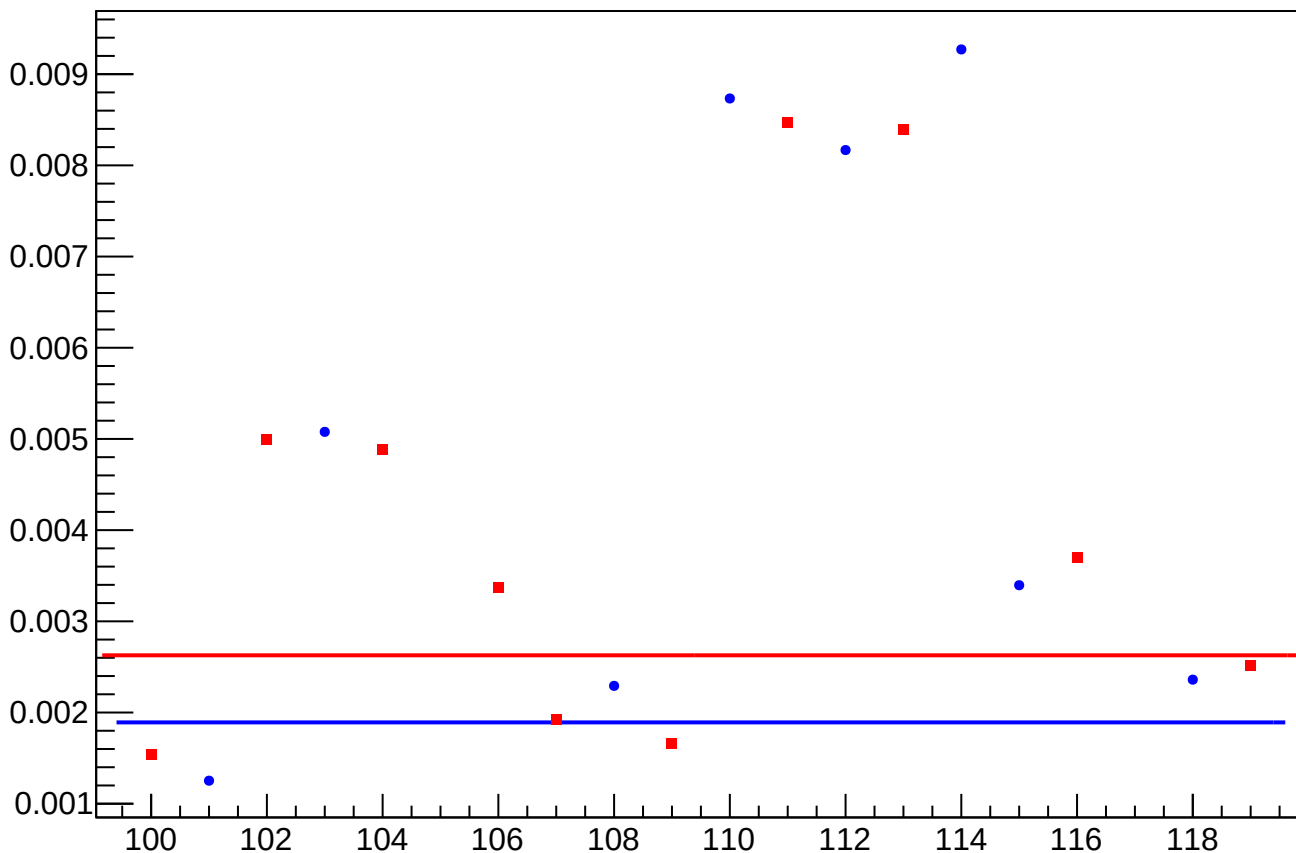
Right: -0.000+/-0.000 χ^2/NDF : 12.7/17

In: -0.000+/-0.000 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/17

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2126092.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1860428.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

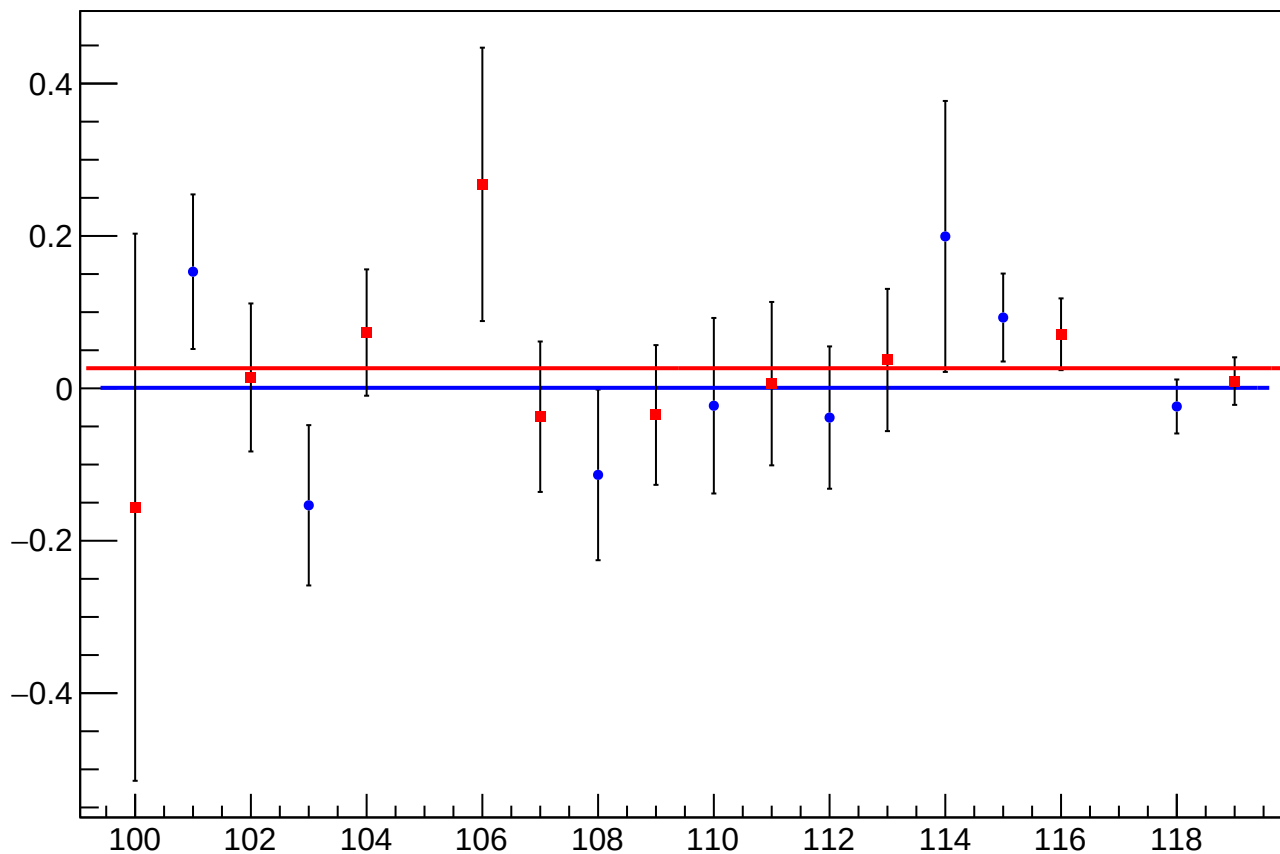
Right: 0.002+/-0.000 χ^2/NDF : 4263766.1/17

In: 0.002+/-0.000 χ^2/NDF : 2126092.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4263766.1/17

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

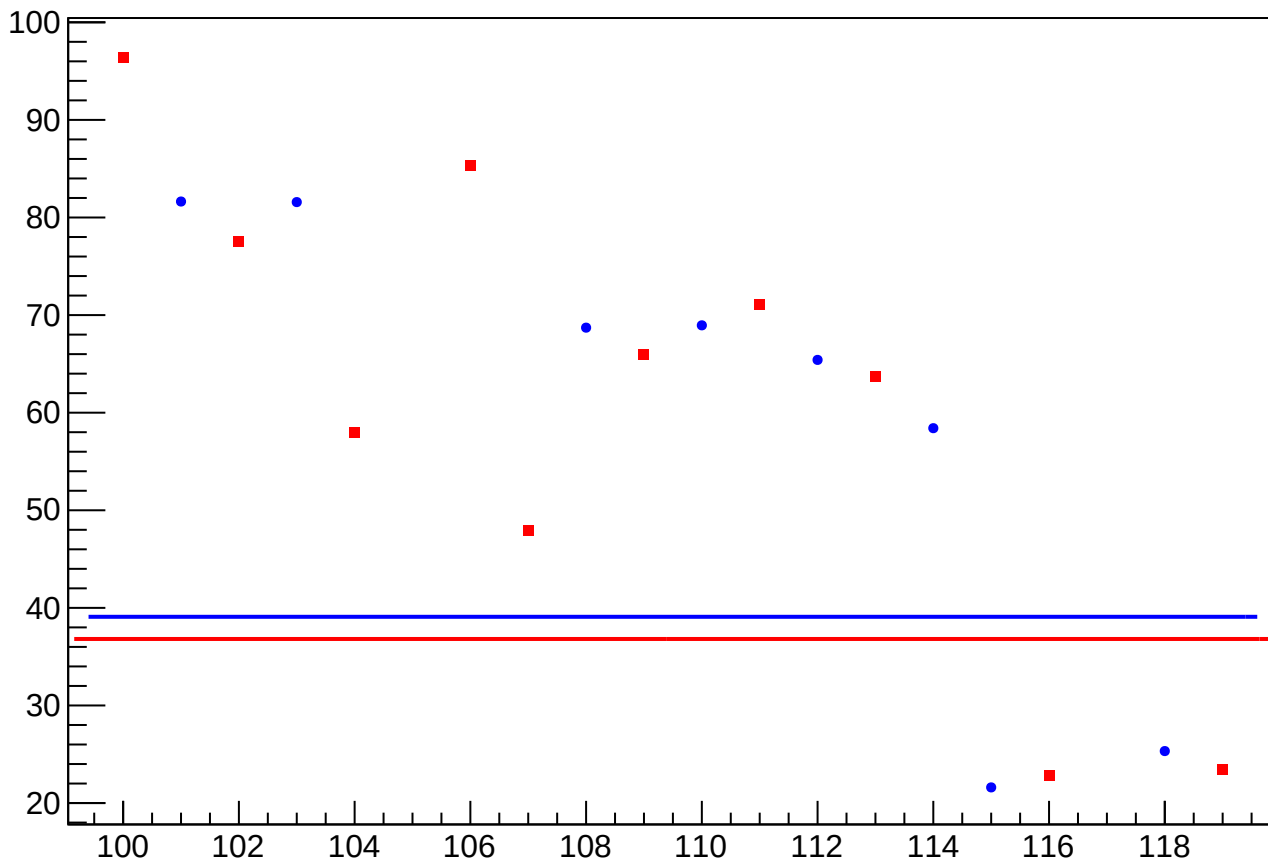
Right: 0.016+/-0.016 χ^2/NDF : 15.1/17

In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.016 χ^2/NDF : 15.1/17

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.086+/-0.018 χ^2/NDF : 1620346.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824349.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

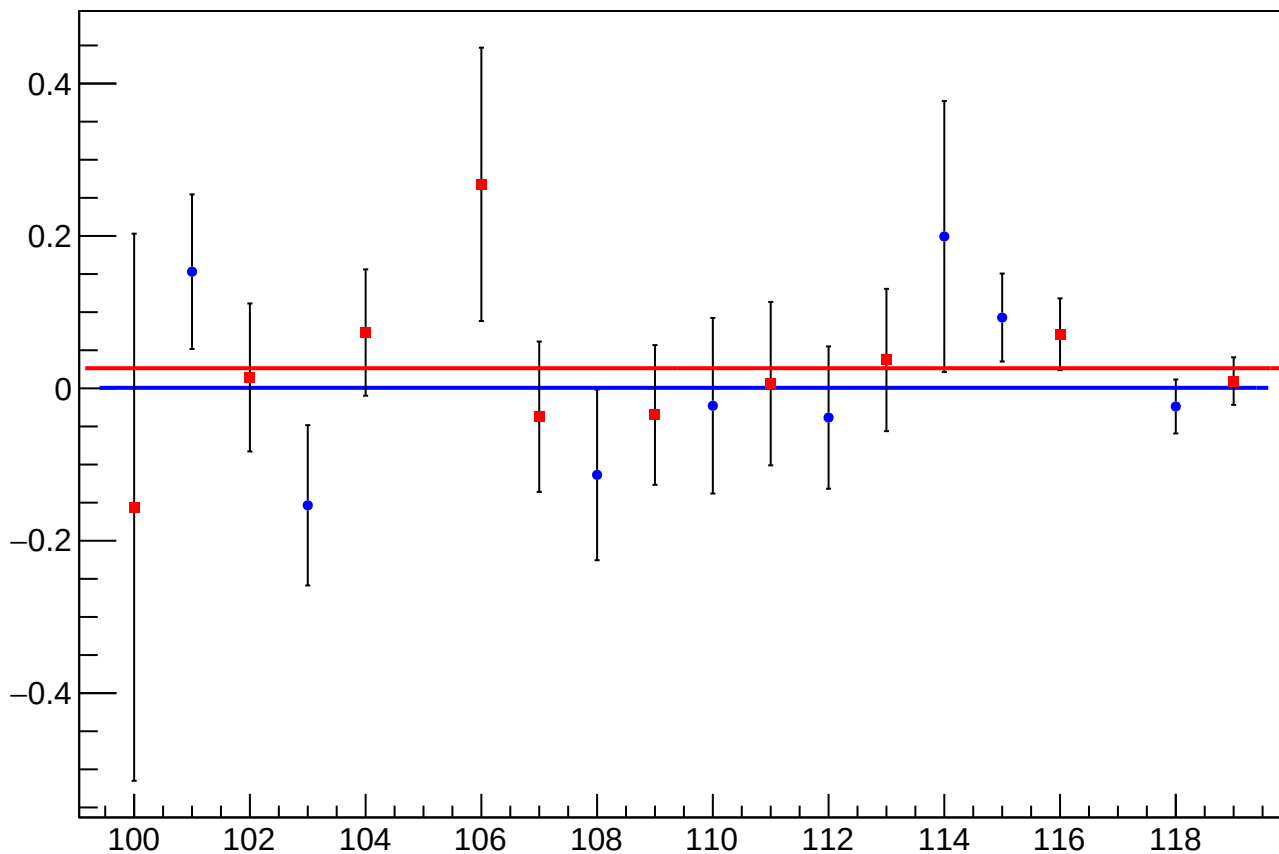
Right: 37.768+/-0.012 χ^2/NDF : 3454198.6/17

In: 39.086+/-0.018 χ^2/NDF : 1620346.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.768+/-0.012 χ^2/NDF : 3454198.6/17

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.021 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

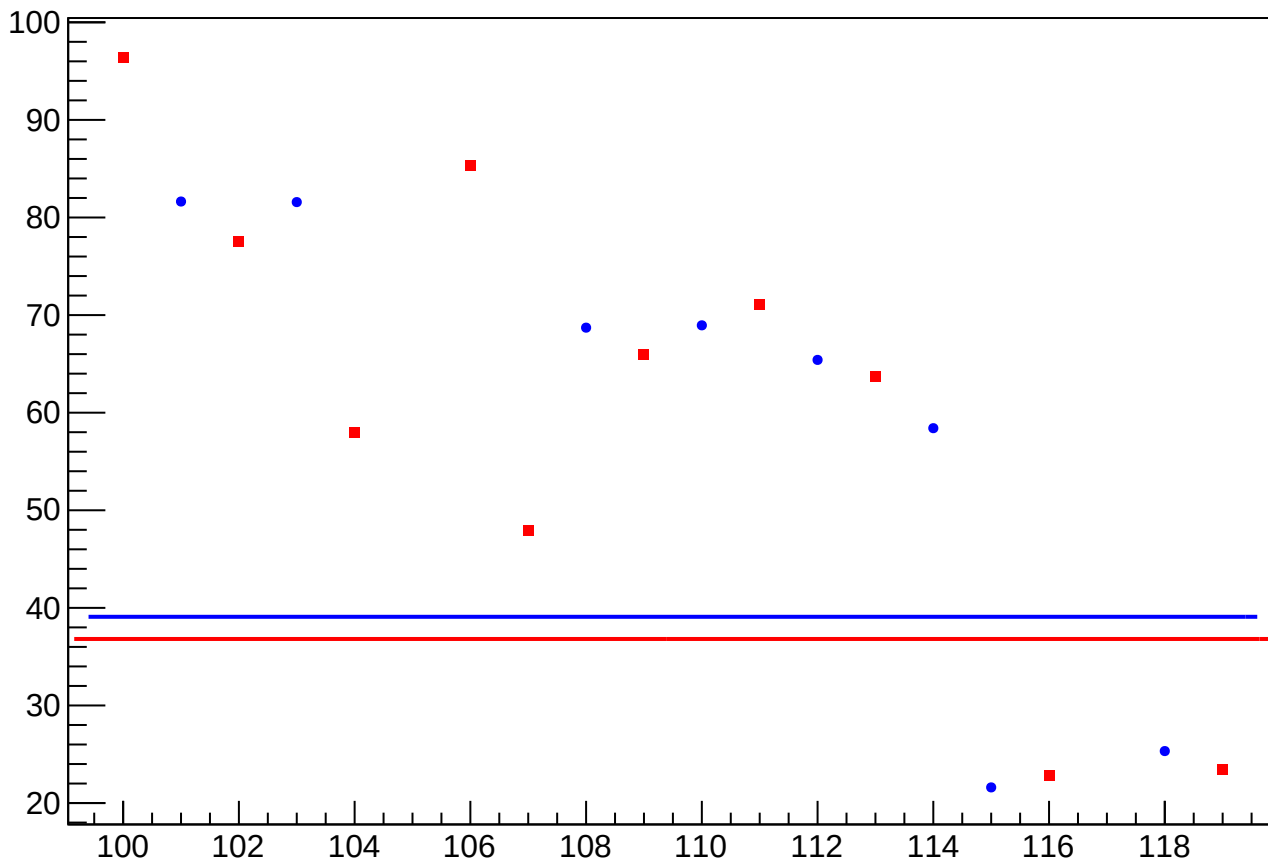
Right: 0.016+/-0.016 χ^2/NDF : 15.1/17

In: 0.001+/-0.025 χ^2/NDF : 9.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.016 χ^2/NDF : 15.1/17

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.086+/-0.018 χ^2/NDF : 1620346.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.814+/-0.015 χ^2/NDF : 1824349.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

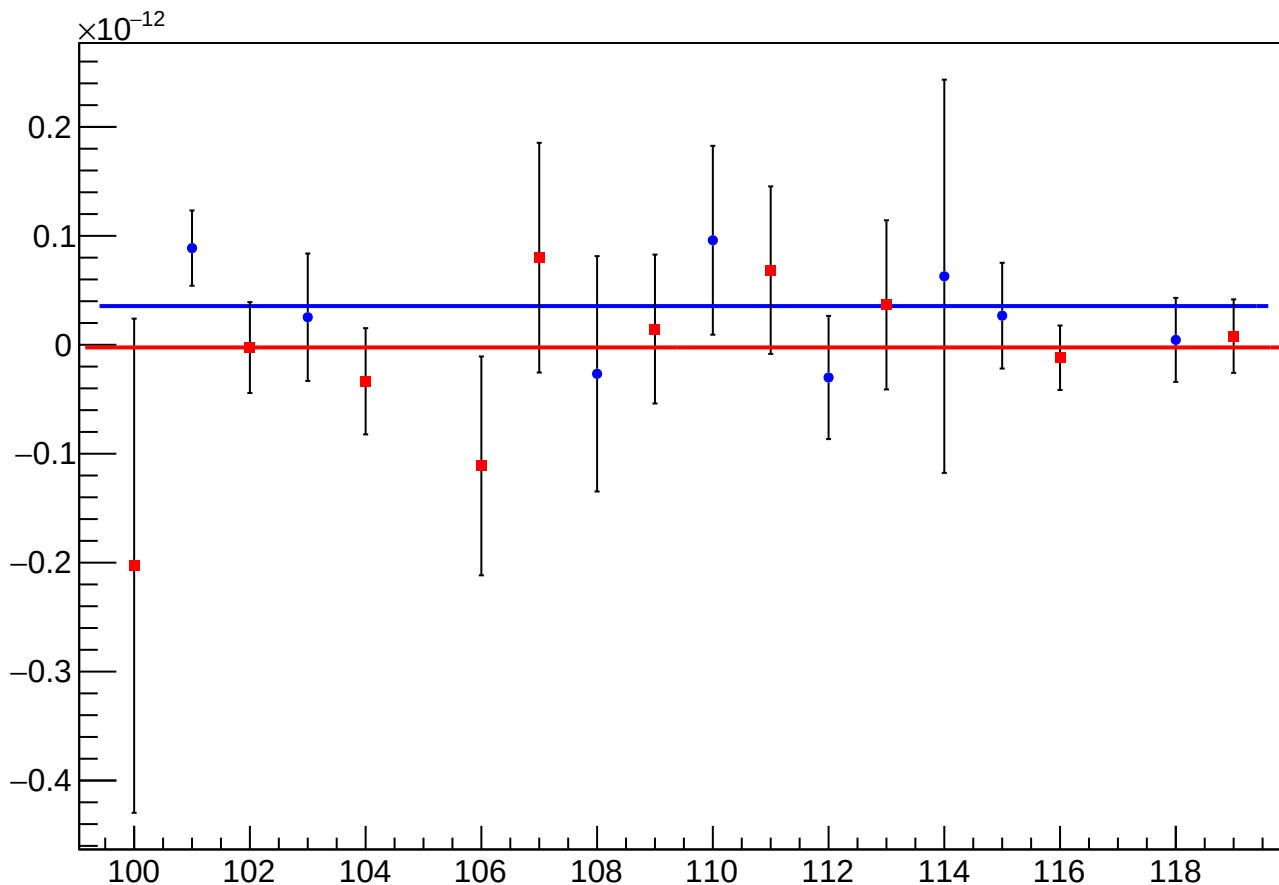
Right: 37.768+/-0.012 χ^2/NDF : 3454198.6/17

In: 39.086+/-0.018 χ^2/NDF : 1620346.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.768+/-0.012 χ^2/NDF : 3454198.6/17

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

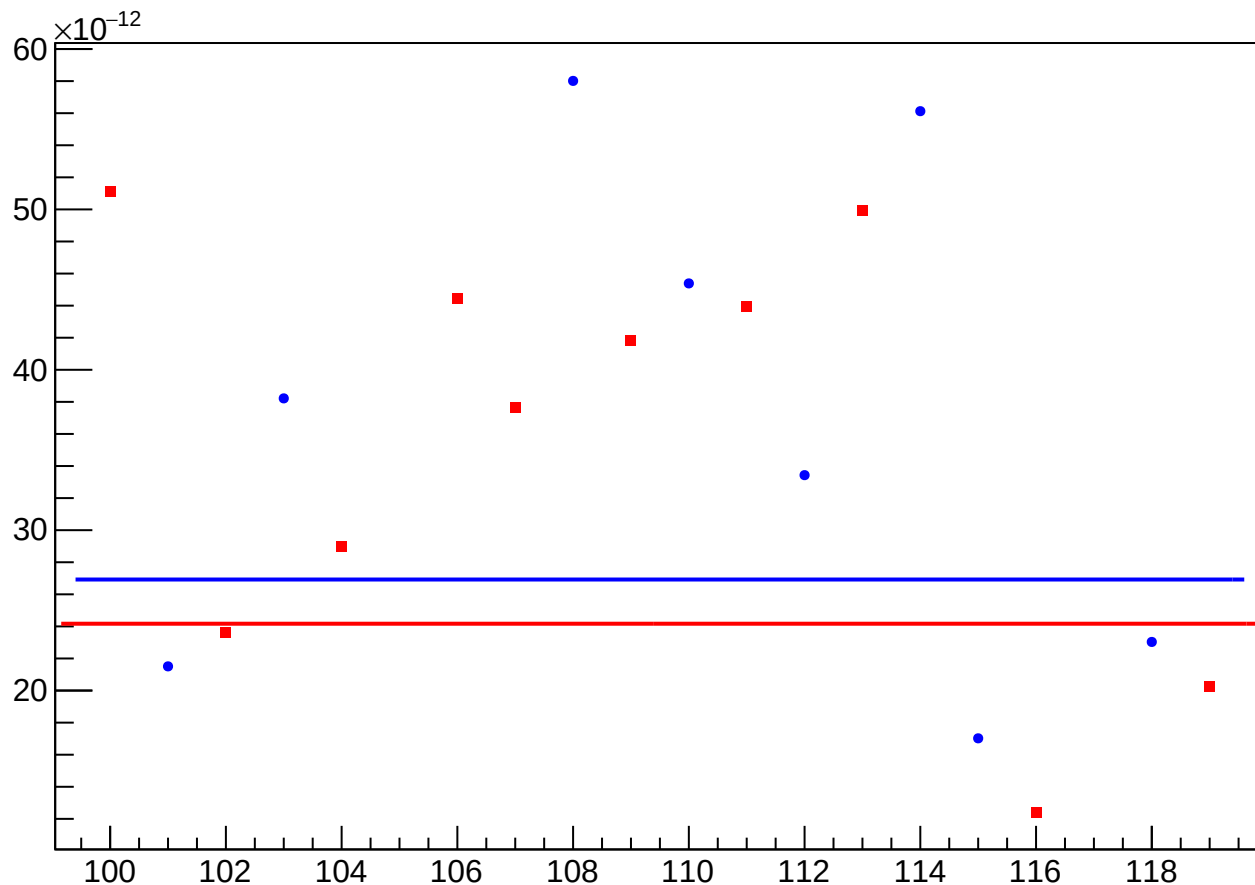
Right: 0.000+/-0.000 χ^2/NDF : 11.9/17

In: 0.000+/-0.000 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.9/17

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 562444.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 990829.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

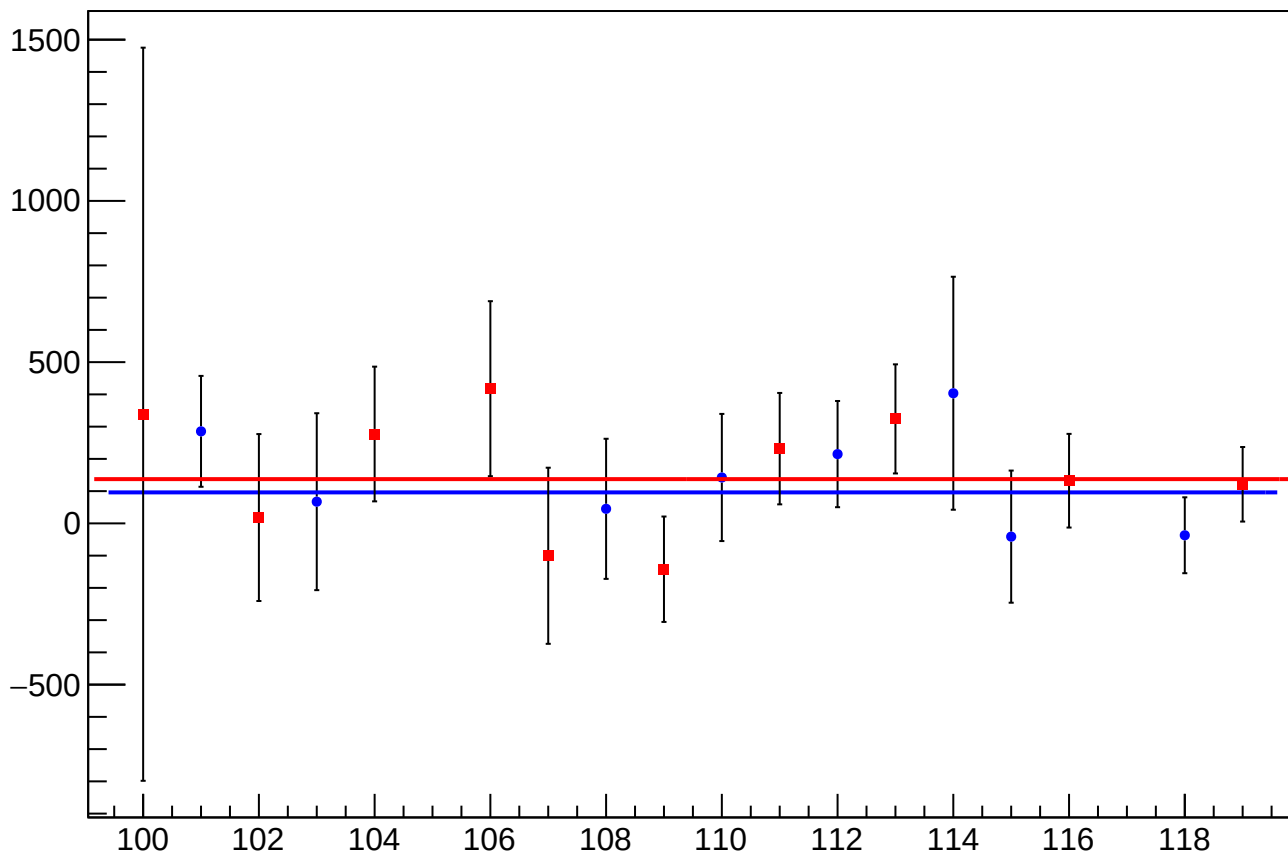
Right: 0.000+/-0.000 χ^2/NDF : 1577634.3/17

In: 0.000+/-0.000 χ^2/NDF : 562444.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1577634.3/17

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 96.104+/-65.288 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.252+/-58.346 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

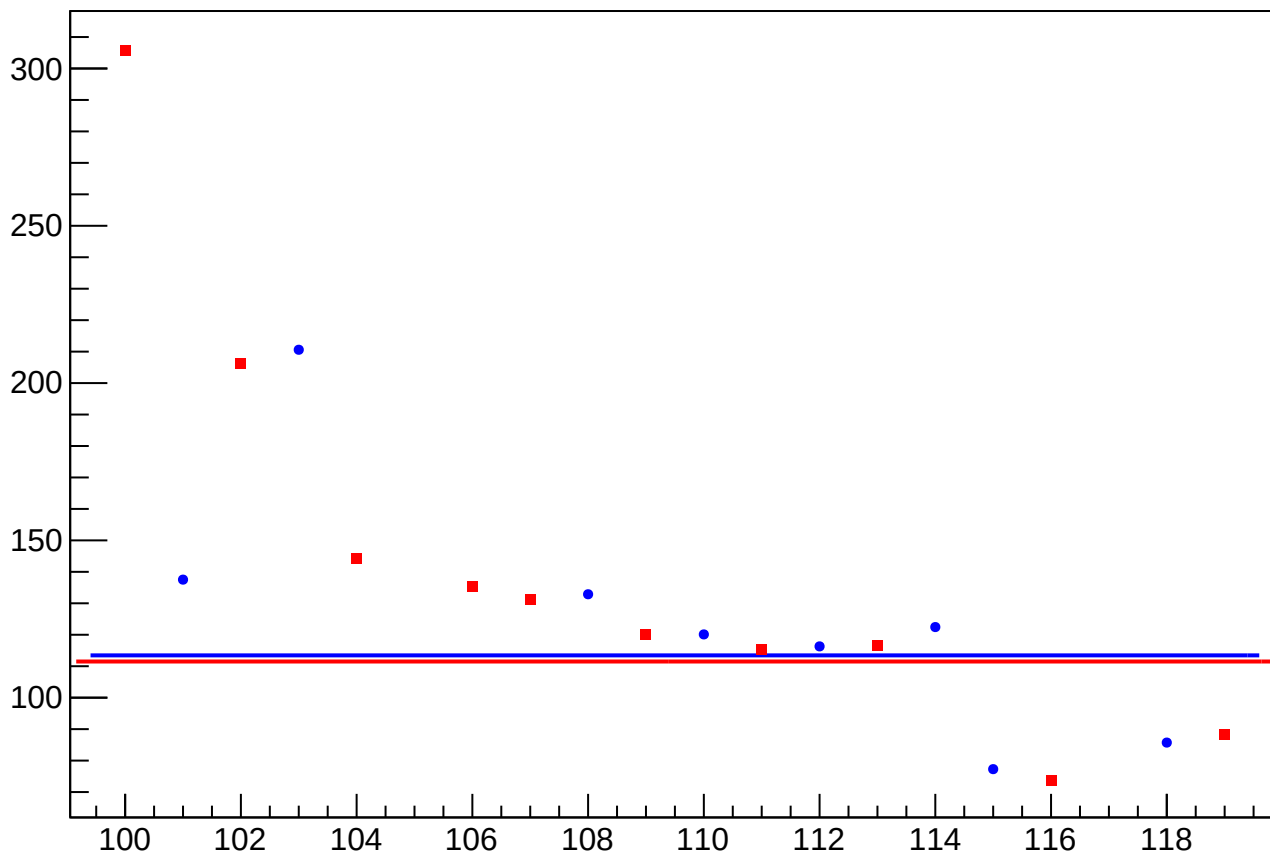
Right: 118.981+/-43.505 χ^2/NDF : 11.5/17

In: 96.104+/-65.288 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.981+/-43.505 χ^2/NDF : 11.5/17

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 113.447 $\pm$ 0.046 χ^2 /NDF: 483454.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.497 $\pm$ 0.041 χ^2 /NDF: 625323.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

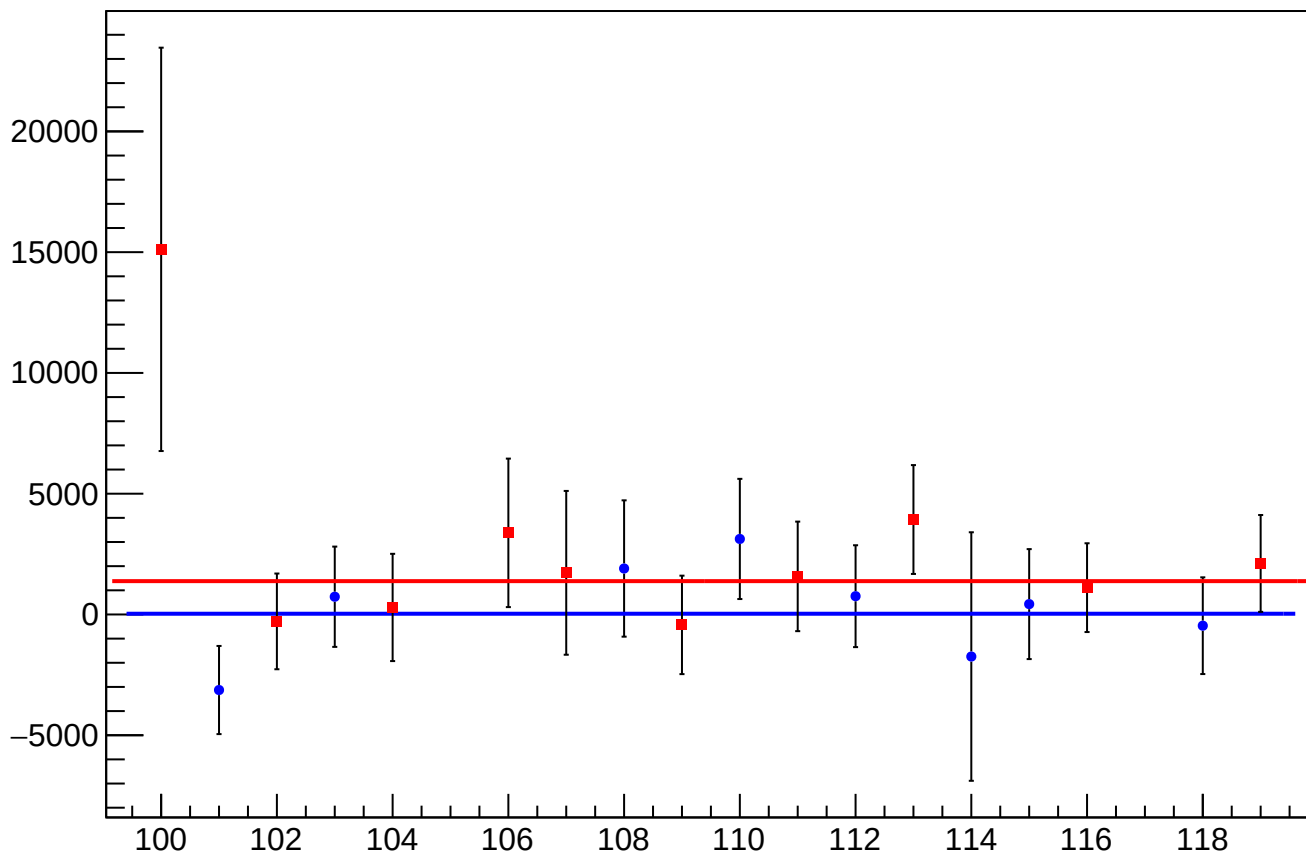
Right: 112.363 $\pm$ 0.031 χ^2 /NDF: 1109771.3/17

In: 113.447 $\pm$ 0.046 χ^2 /NDF:483454.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 112.363 $\pm$ 0.031 χ^2 /NDF: 1109771.3/17

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 30.329+/-809.895 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1380.103+/-736.840 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

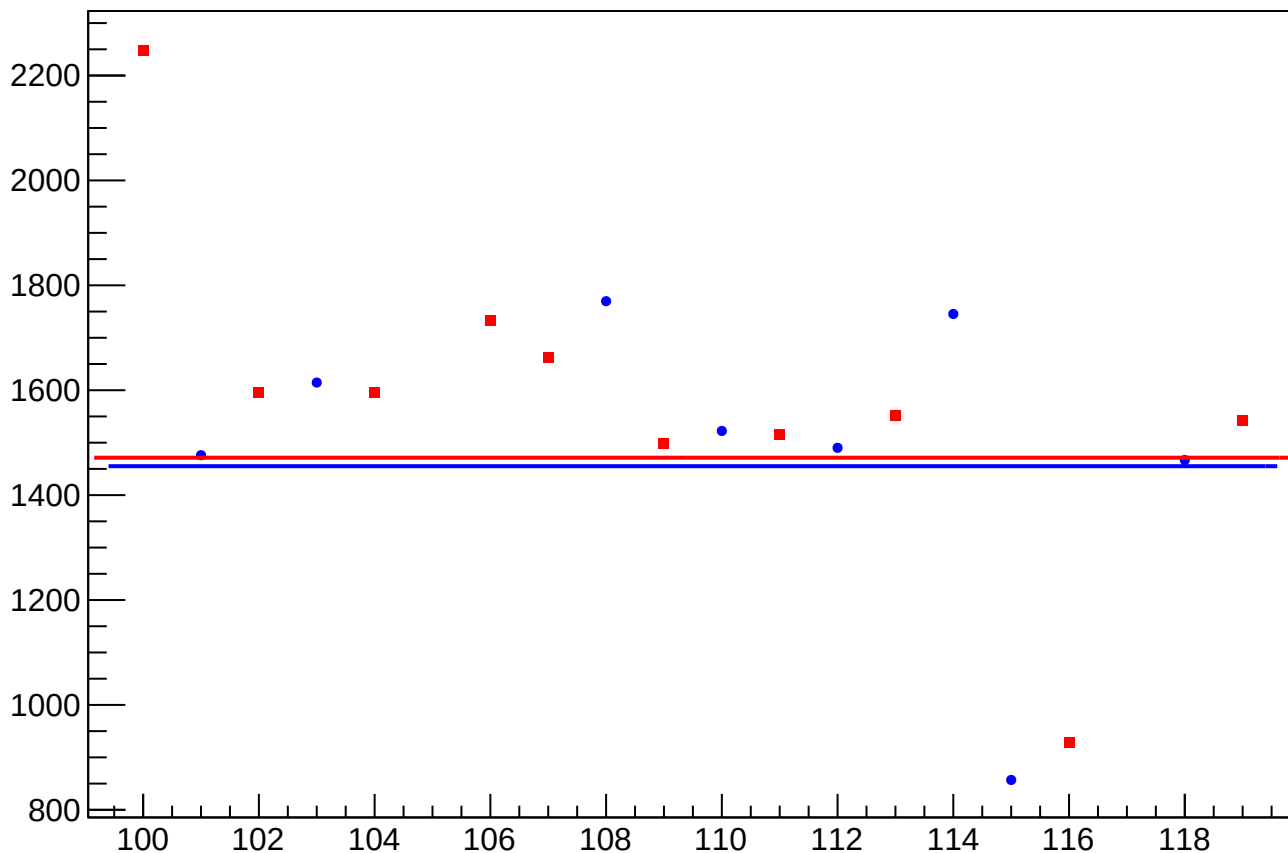
Right: 768.827+/-545.026 χ^2/NDF : 13.3/17

In: 30.329+/-809.895 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.827+/-545.026 χ^2/NDF : 13.3/17

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1455.172+/-0.573 χ^2/NDF : 183463.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1471.349+/-0.521 χ^2/NDF : 233466.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

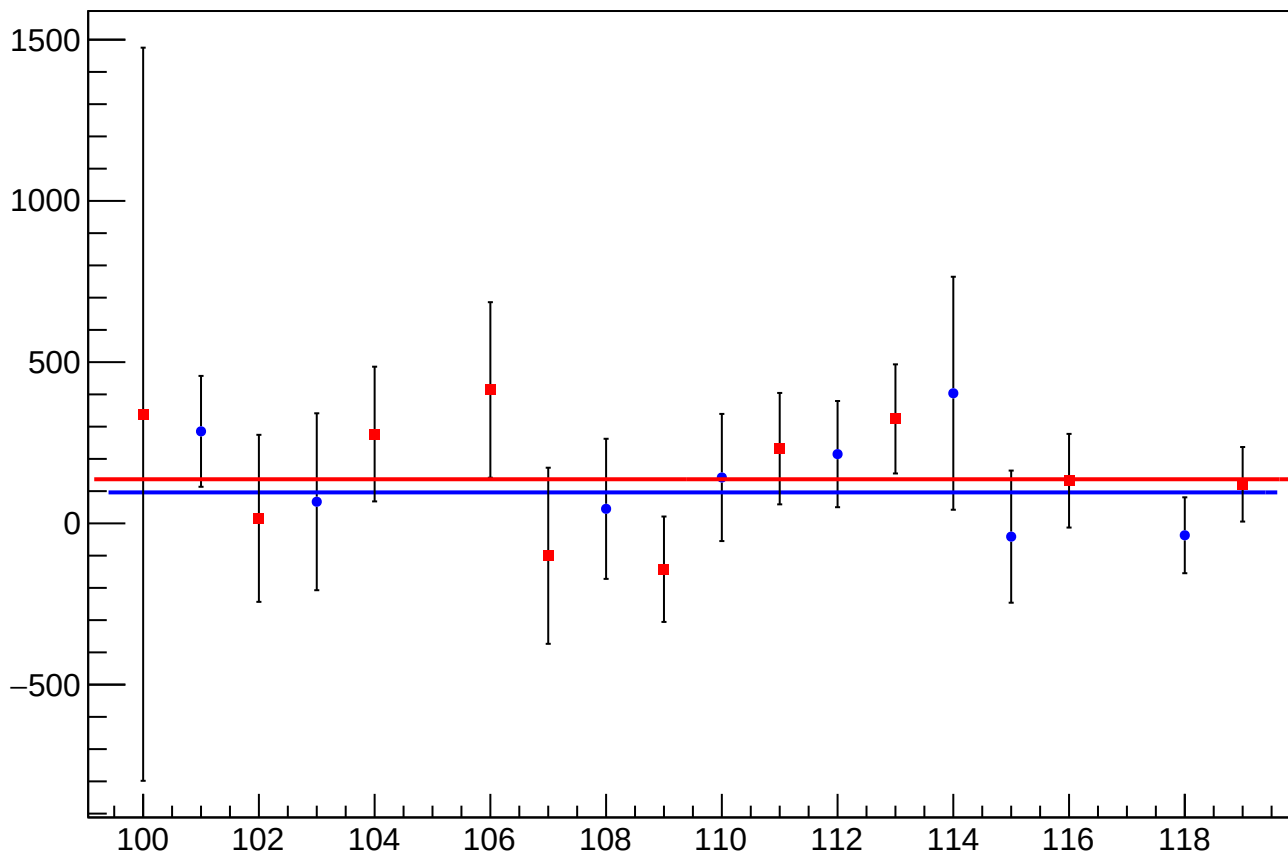
Right: 1464.023+/-0.385 χ^2/NDF : 417366.2/17

In: 1455.172+/-0.573 χ^2/NDF : 183463.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.023+/-0.385 χ^2/NDF : 417366.2/17

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 96.092+/-65.288 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.863+/-58.356 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

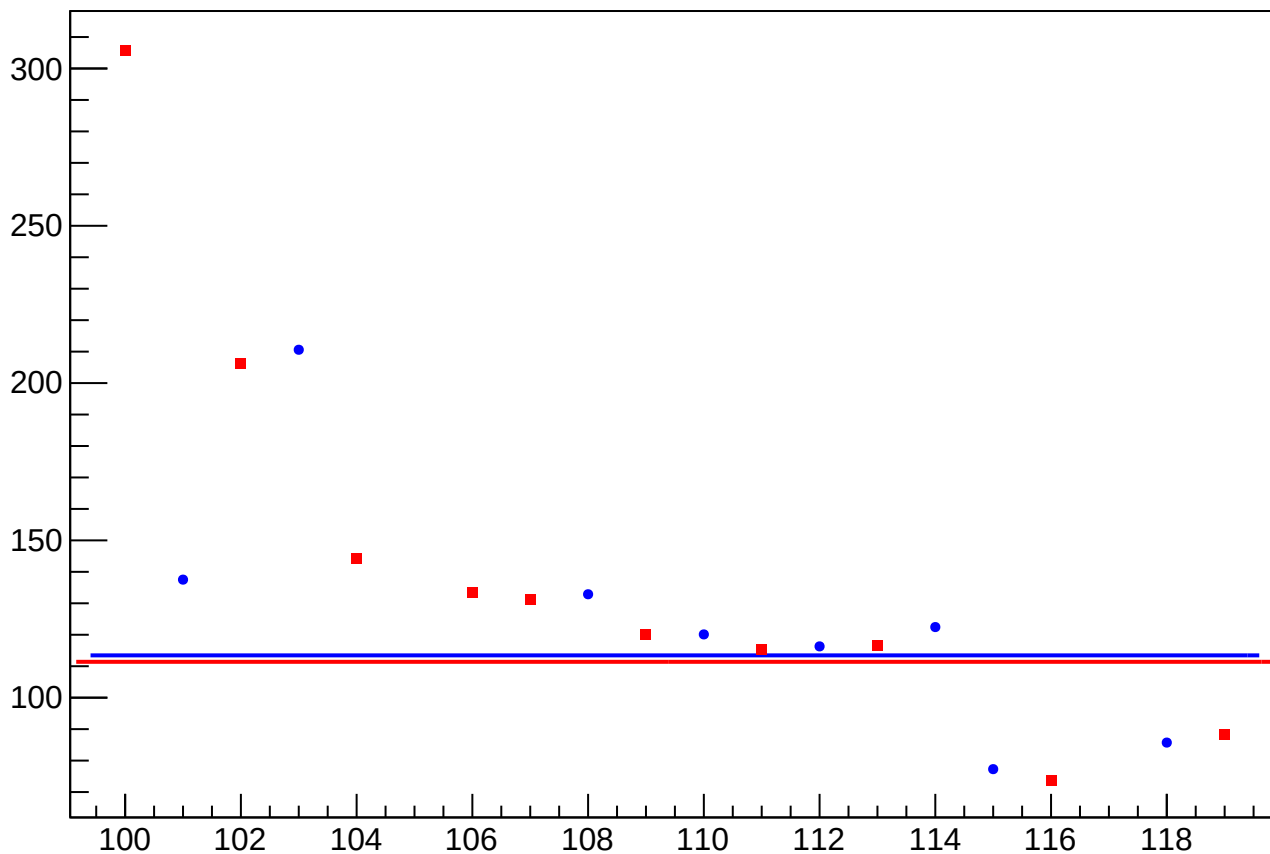
Right: 118.756+/-43.509 χ^2/NDF : 11.5/17

In: 96.092+/-65.288 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.756+/-43.509 χ^2/NDF : 11.5/17

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 113.447+/-0.046 χ^2/NDF : 483457.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.400+/-0.041 χ^2/NDF : 623140.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

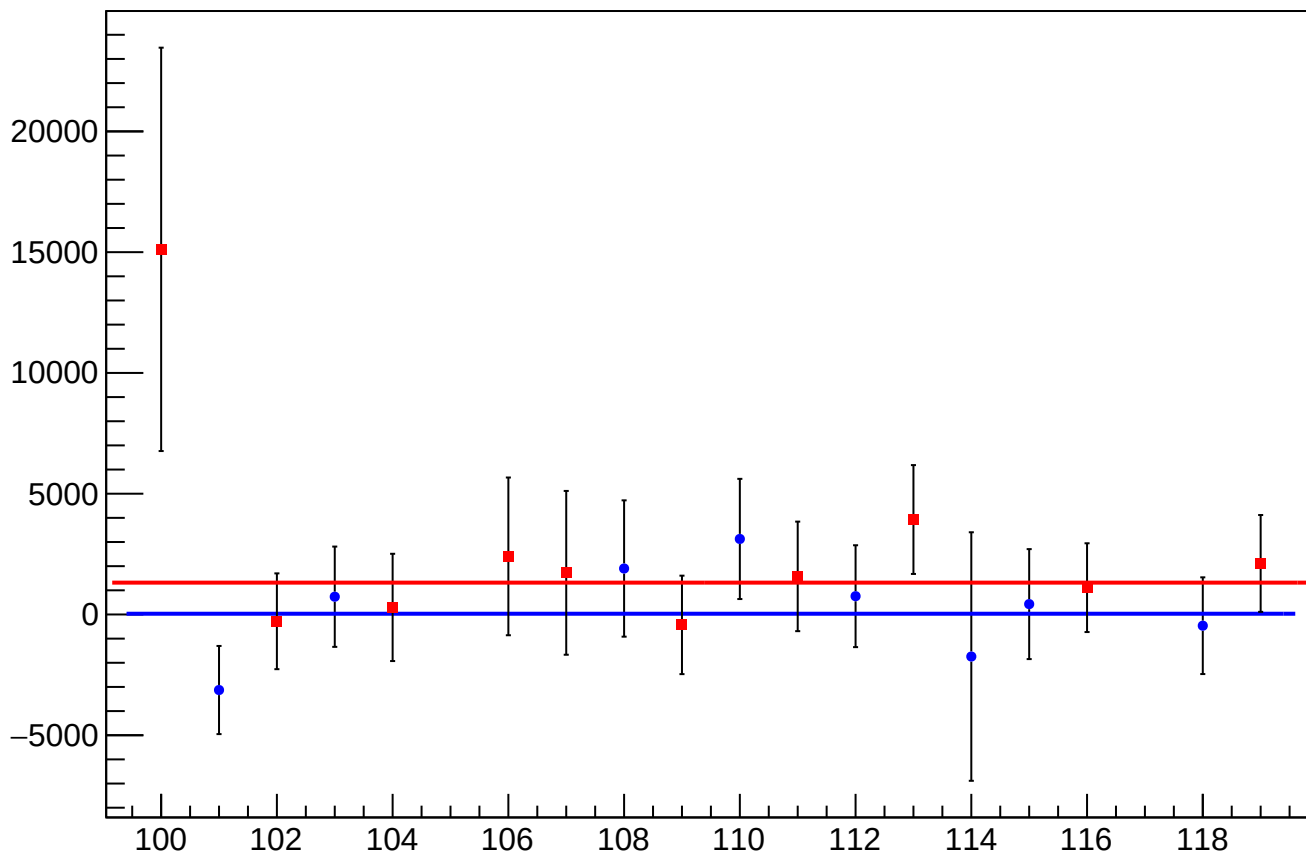
Right: 112.309+/-0.031 χ^2/NDF : 1107691.8/17

In: 113.447+/-0.046 χ^2/NDF : 483457.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.309+/-0.031 χ^2/NDF : 1107691.8/17

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.460+/-809.904 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.188+/-739.337 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

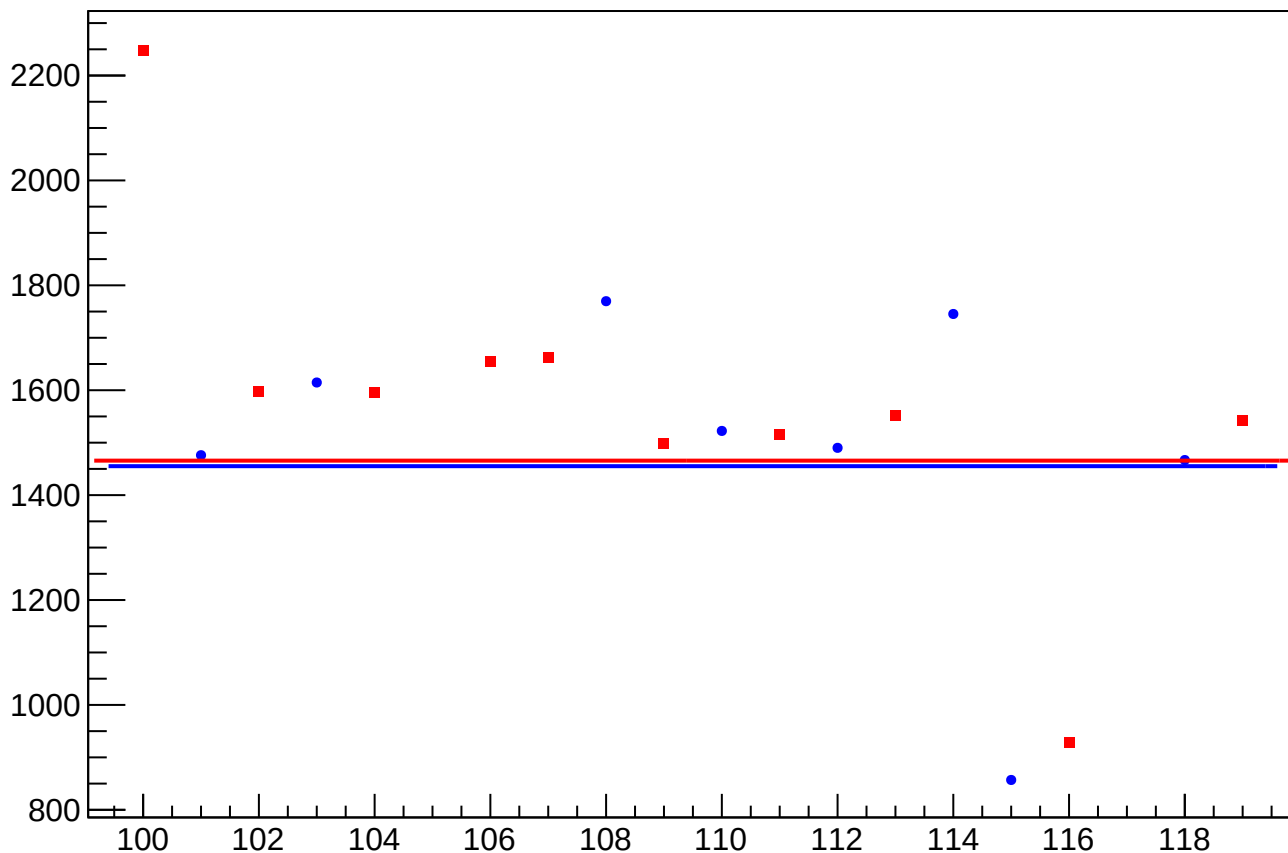
Right: 732.858+/-546.037 χ^2/NDF : 12.8/17

In: 30.460+/-809.904 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.858+/-546.037 χ^2/NDF : 12.8/17

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1455.185+/-0.573 χ^2/NDF : 183479.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.758+/-0.523 χ^2/NDF : 225309.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

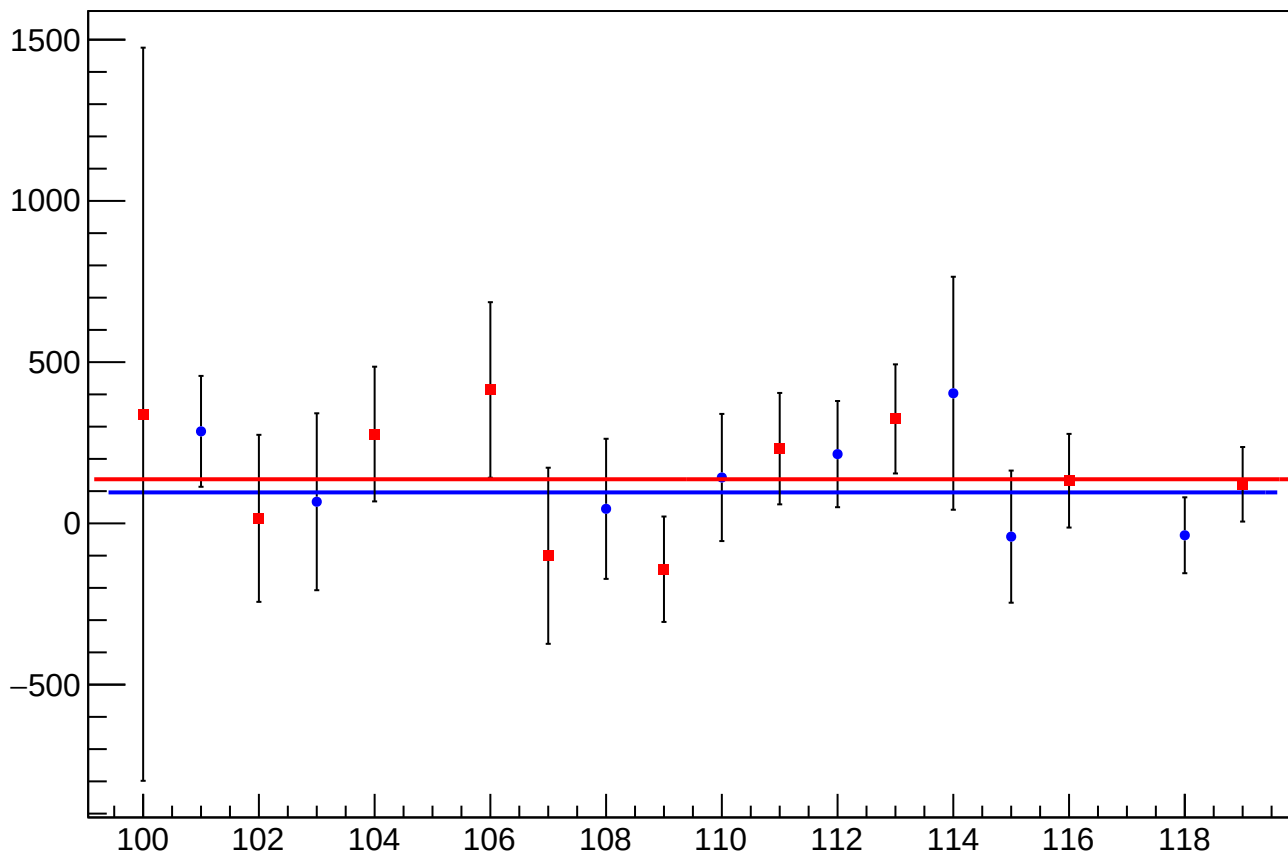
Right: 1460.952+/-0.386 χ^2/NDF : 408974.3/17

In: 1455.185+/-0.573 χ^2/NDF : 183479.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.952+/-0.386 χ^2/NDF : 408974.3/17

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 96.092+/-65.288 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.863+/-58.356 χ^2/NDF : 7.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

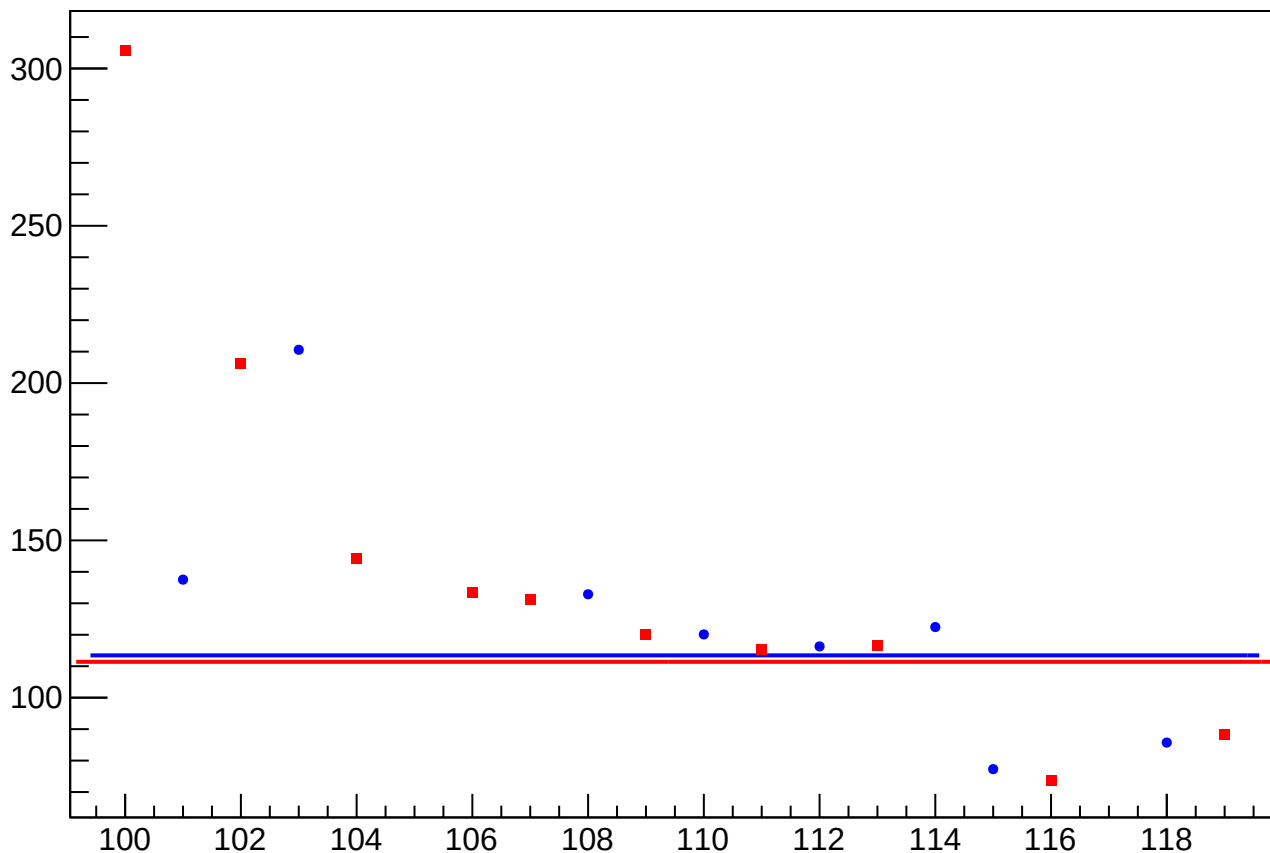
Right: 118.756+/-43.509 χ^2/NDF : 11.5/17

In: 96.092+/-65.288 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.756+/-43.509 χ^2/NDF : 11.5/17

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 113.447+/-0.046 χ^2/NDF : 483457.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.400+/-0.041 χ^2/NDF : 623140.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

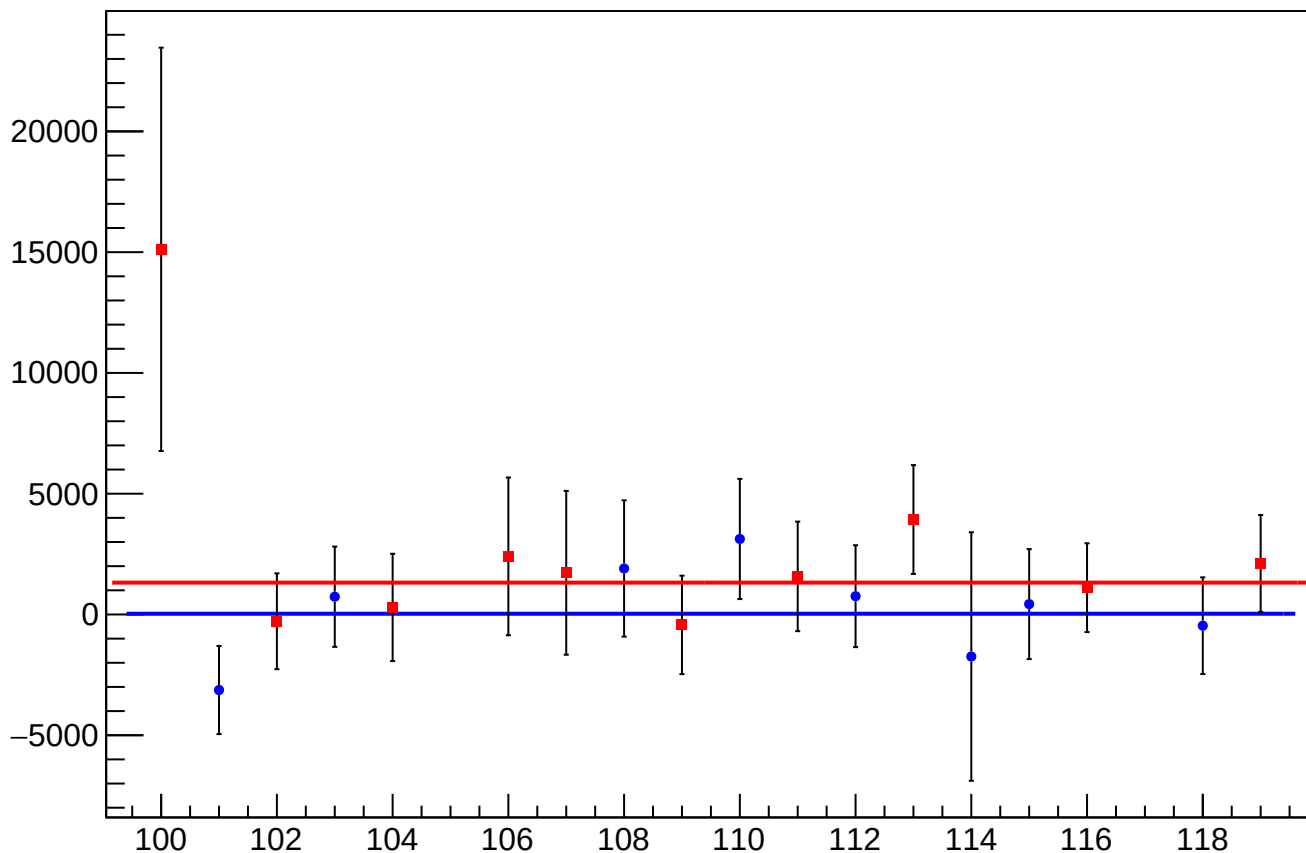
Right: 112.309+/-0.031 χ^2/NDF : 1107691.8/17

In: 113.447+/-0.046 χ^2/NDF : 483457.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.309+/-0.031 χ^2/NDF : 1107691.8/17

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 30.460+/-809.904 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1318.188+/-739.337 χ^2/NDF : 6.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

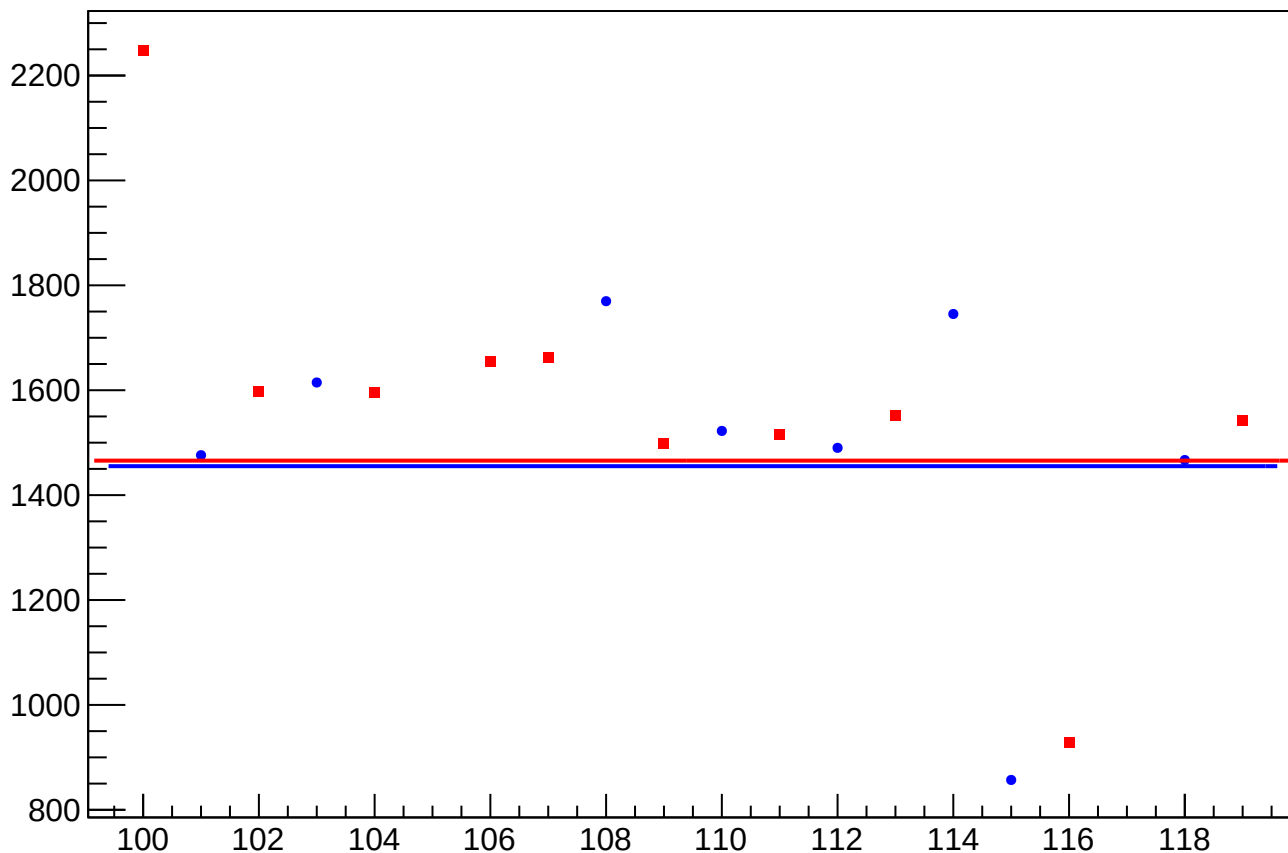
Right: 732.858+/-546.037 χ^2/NDF : 12.8/17

In: 30.460+/-809.904 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.858+/-546.037 χ^2/NDF : 12.8/17

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1455.185+/-0.573 χ^2/NDF : 183479.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1465.758+/-0.523 χ^2/NDF : 225309.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

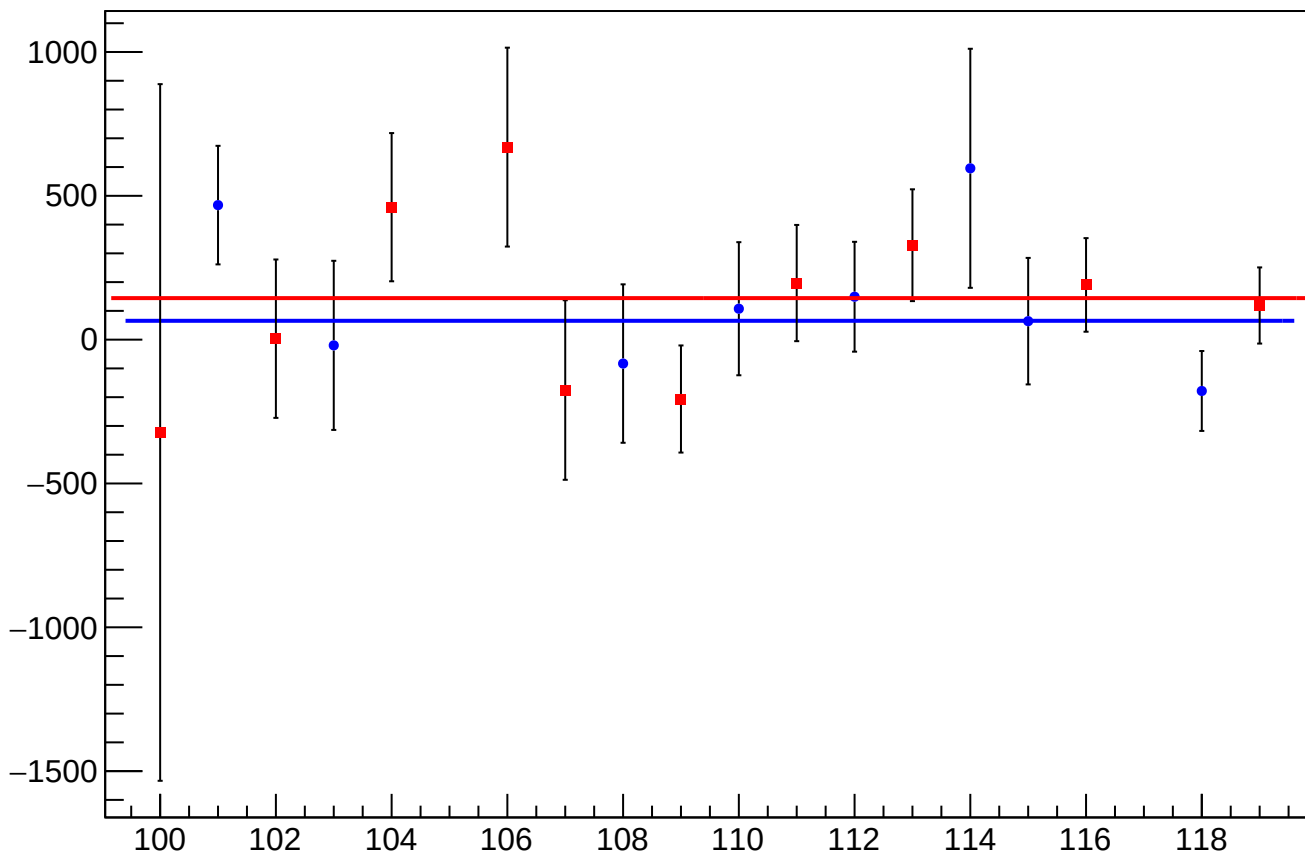
Right: 1460.952+/-0.386 χ^2/NDF : 408974.3/17

In: 1455.185+/-0.573 χ^2/NDF : 183479.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1460.952+/-0.386 χ^2/NDF : 408974.3/17

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 65.520+/-76.090 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.385+/-67.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

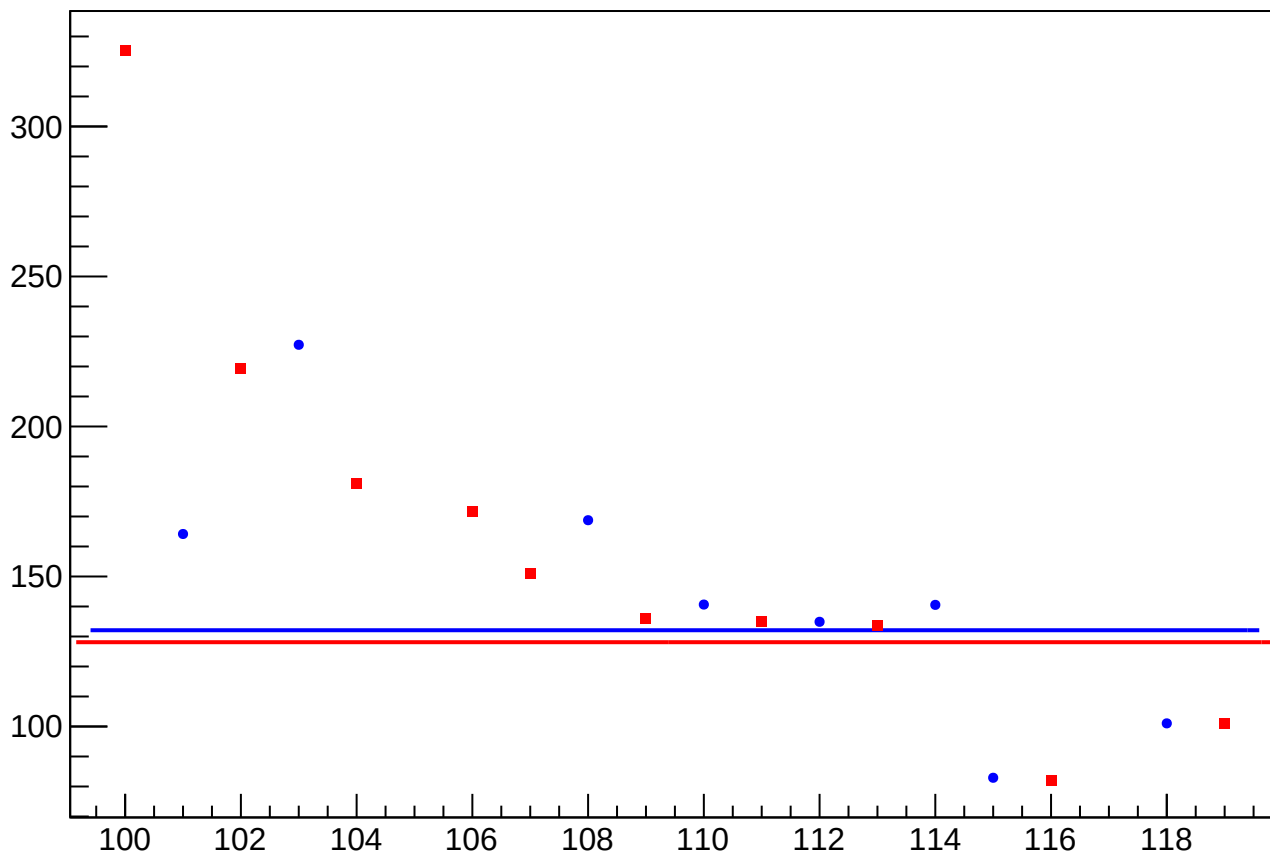
Right: 109.897+/-50.317 χ^2/NDF : 19.6/17

In: 65.520+/-76.090 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.897+/-50.317 χ^2/NDF : 19.6/17

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 132.087+/-0.054 χ^2/NDF : 497357.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.098+/-0.047 χ^2/NDF : 651529.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

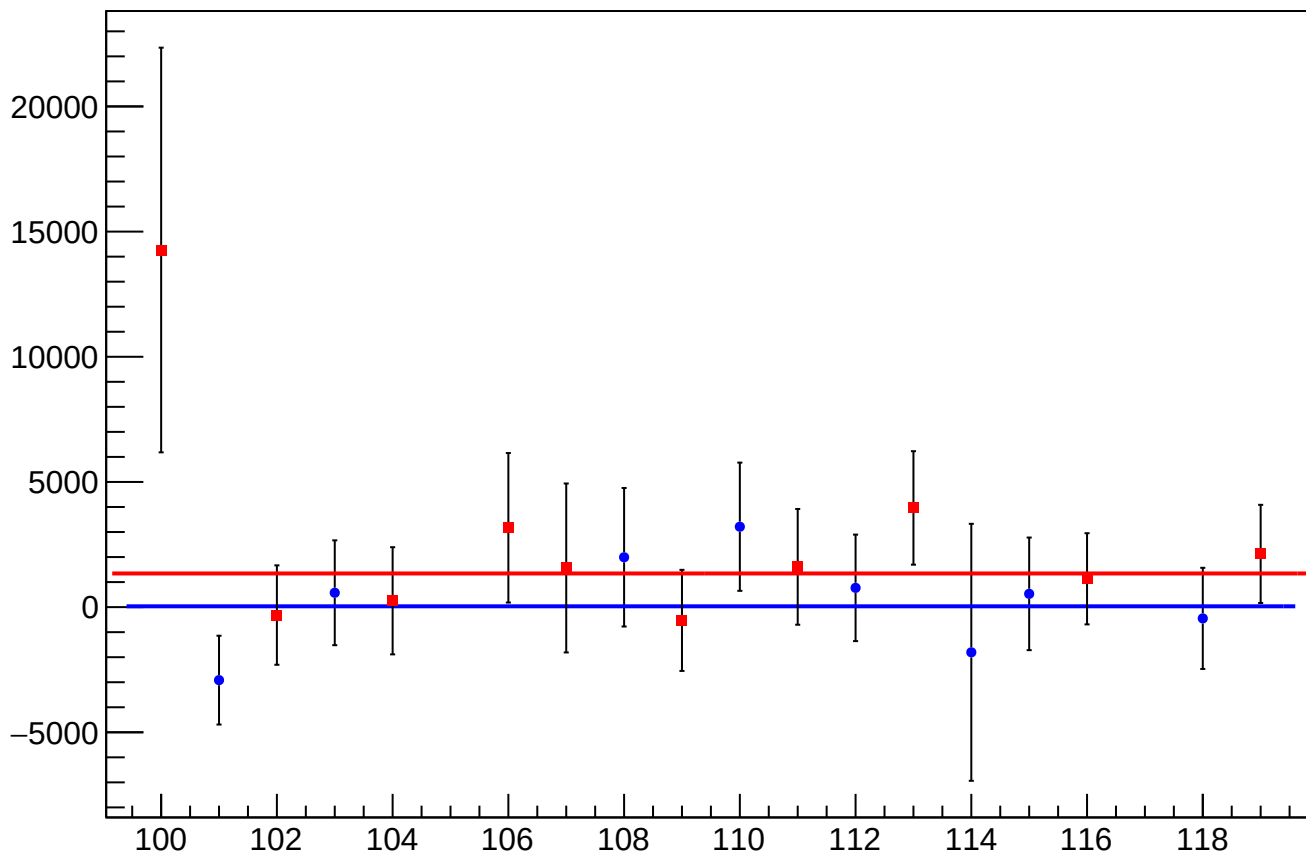
Right: 129.843+/-0.036 χ^2/NDF : 1151979.1/17

In: 132.087+/-0.054 χ^2/NDF : 497357.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.843+/-0.036 χ^2/NDF : 1151979.1/17

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 32.716+/-808.310 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.847+/-730.097 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

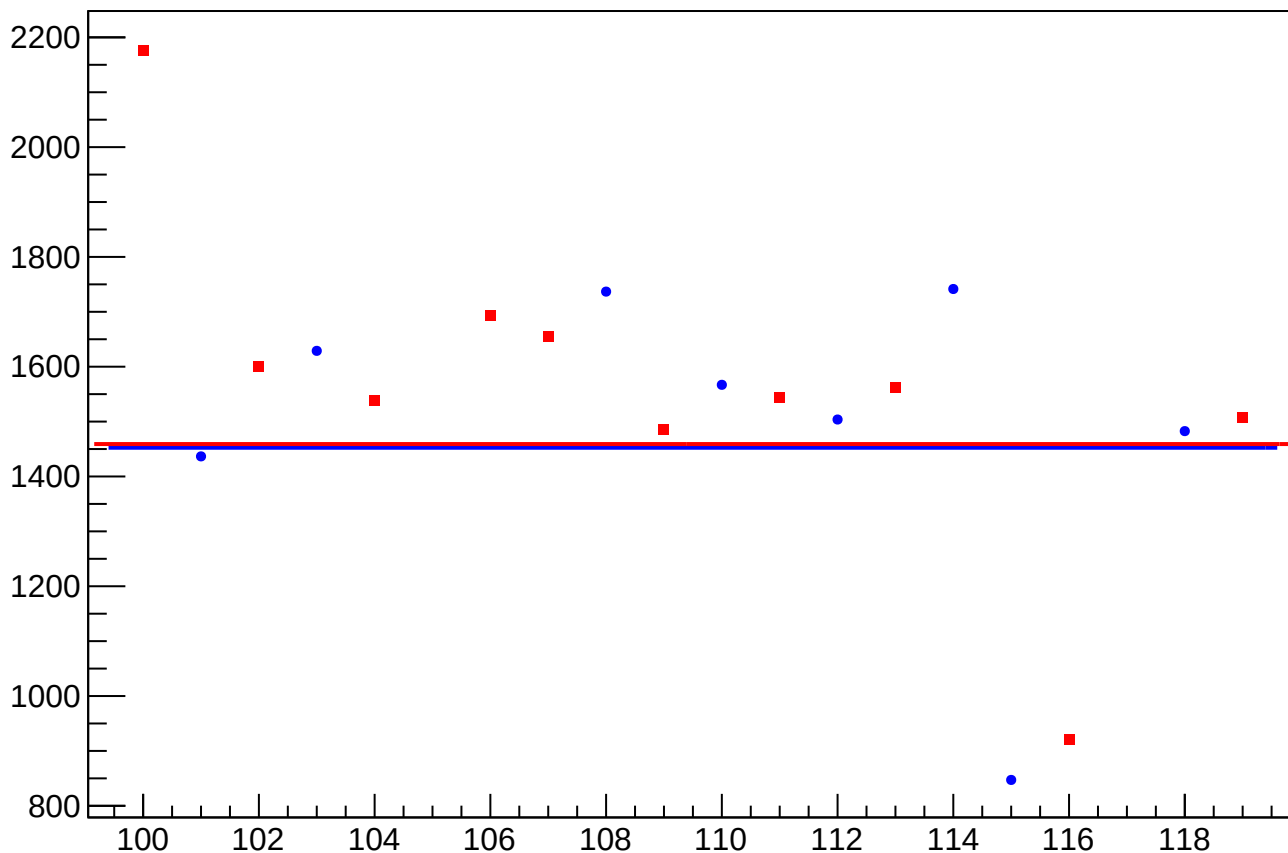
Right: 755.318+/-541.803 χ^2/NDF : 13.0/17

In: 32.716+/-808.310 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.318+/-541.803 χ^2/NDF : 13.0/17

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1452.361+/-0.572 χ^2/NDF : 192301.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.064+/-0.516 χ^2/NDF : 230840.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

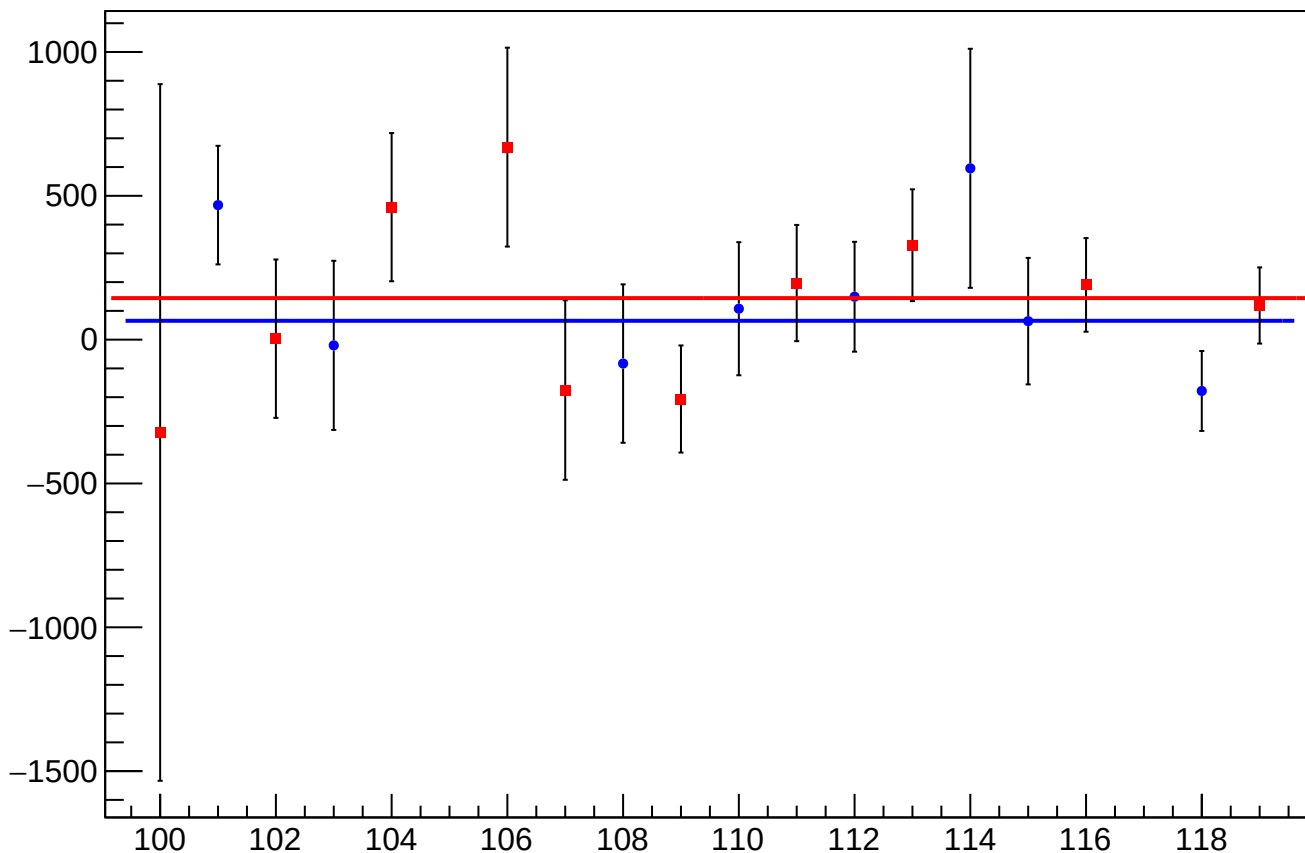
Right: 1456.053+/-0.383 χ^2/NDF : 423217.8/17

In: 1452.361+/-0.572 χ^2/NDF : 192301.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.053+/-0.383 χ^2/NDF : 423217.8/17

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 65.519+/-76.090 χ^2/NDF : 9.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.382+/-67.078 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

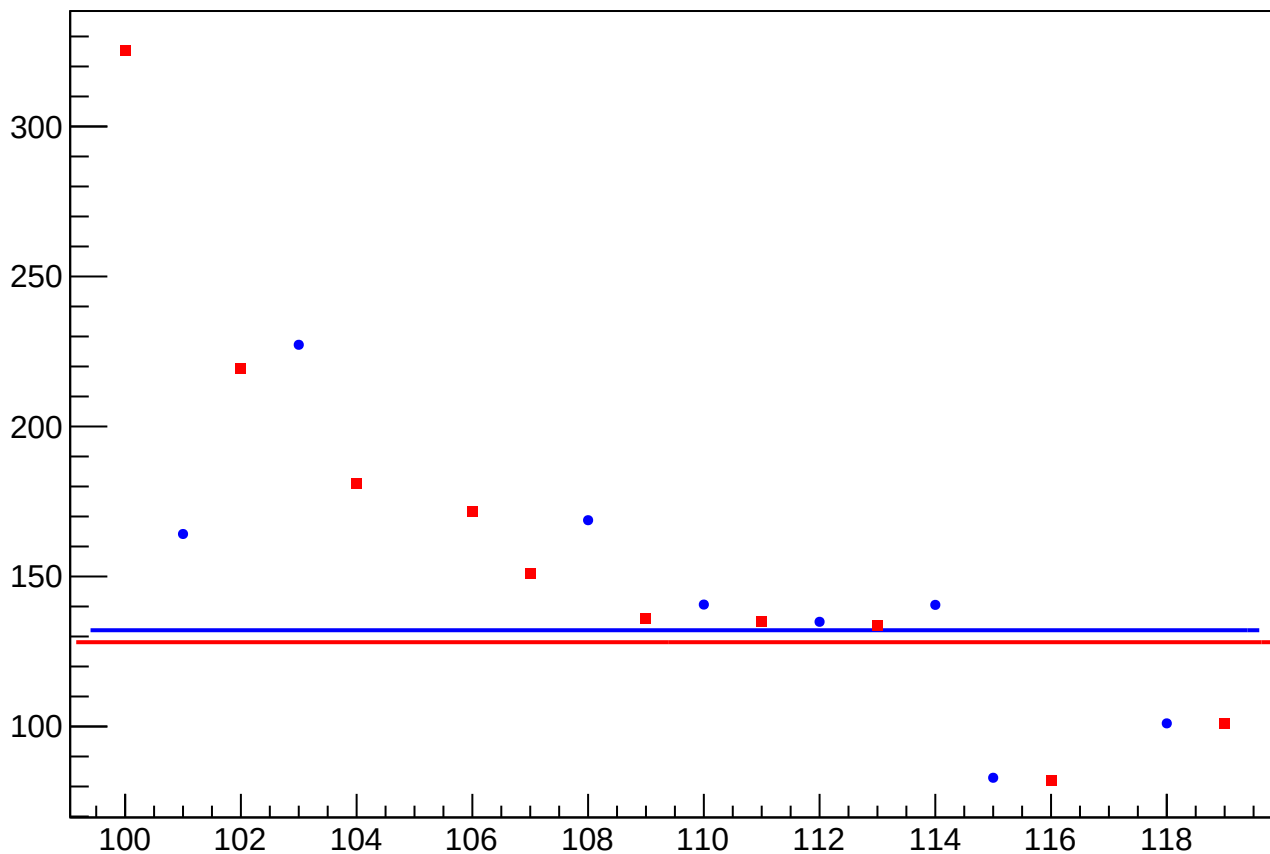
Right: 109.895+/-50.317 χ^2/NDF : 19.6/17

In: 65.519+/-76.090 χ^2/NDF : 9.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.895+/-50.317 χ^2/NDF : 19.6/17

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 132.087+/-0.054 χ^2/NDF : 497355.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.099+/-0.047 χ^2/NDF : 651524.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

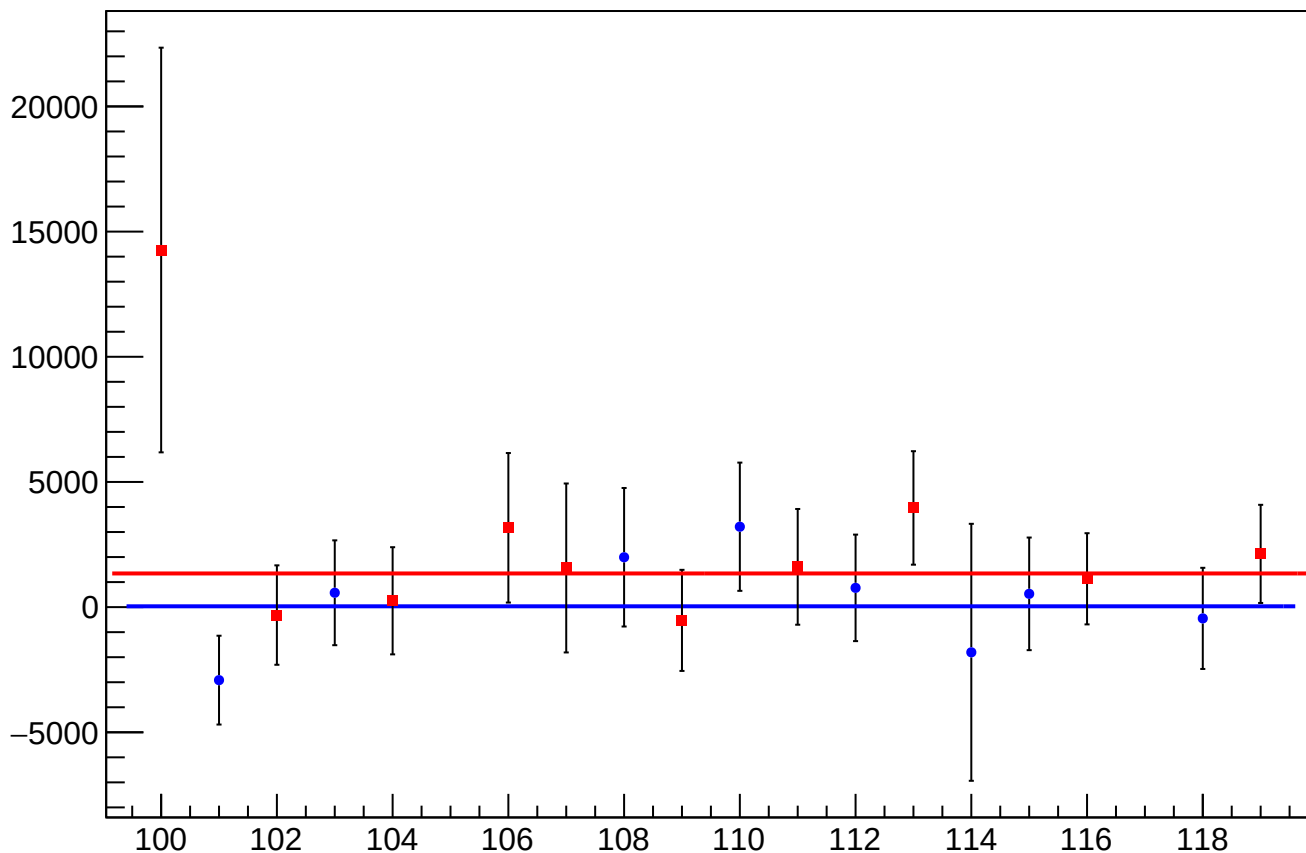
Right: 129.843+/-0.036 χ^2/NDF : 1151970.5/17

In: 132.087+/-0.054 χ^2/NDF : 497355.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.843+/-0.036 χ^2/NDF : 1151970.5/17

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 32.718+/-808.308 χ^2/NDF : 5.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.844+/-730.095 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

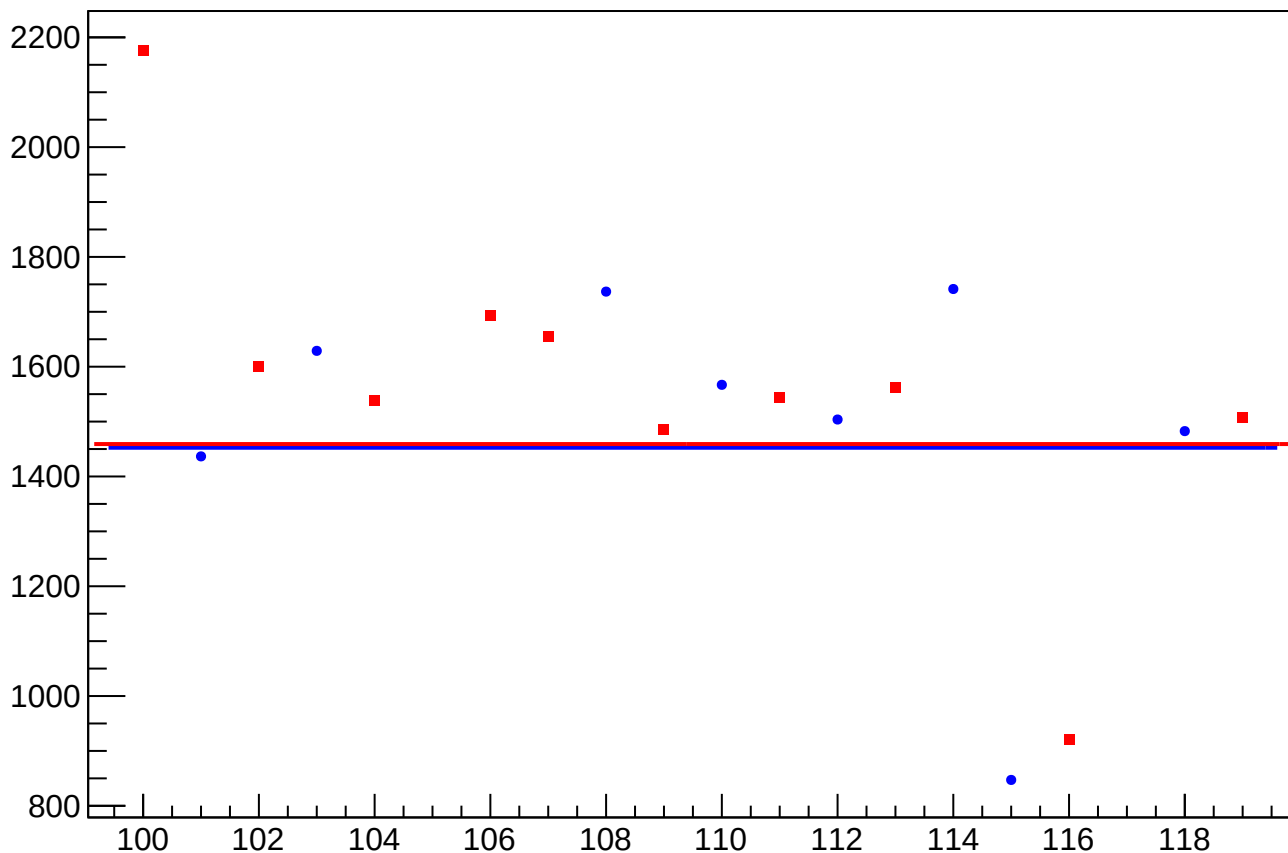
Right: 755.318+/-541.802 χ^2/NDF : 13.0/17

In: 32.718+/-808.308 χ^2/NDF : 5.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 755.318+/-541.802 χ^2/NDF : 13.0/17

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1452.358+/-0.572 χ^2/NDF : 192297.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.061+/-0.516 χ^2/NDF : 230837.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

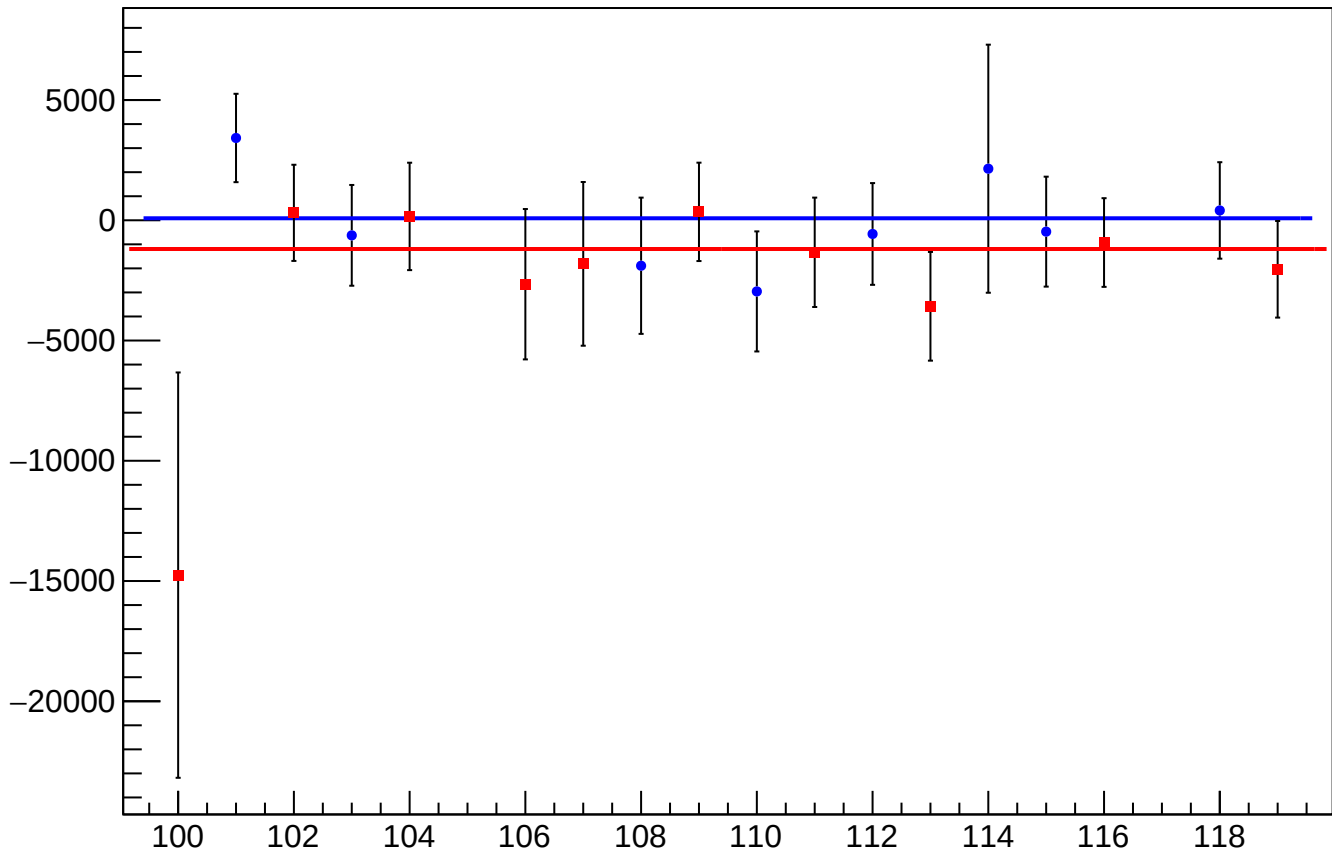
Right: 1456.049+/-0.383 χ^2/NDF : 423210.6/17

In: 1452.358+/-0.572 χ^2/NDF : 192297.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1456.049+/-0.383 χ^2/NDF : 423210.6/17

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 83.173+/-813.739 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1194.298+/-740.481 χ^2/NDF : 5.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

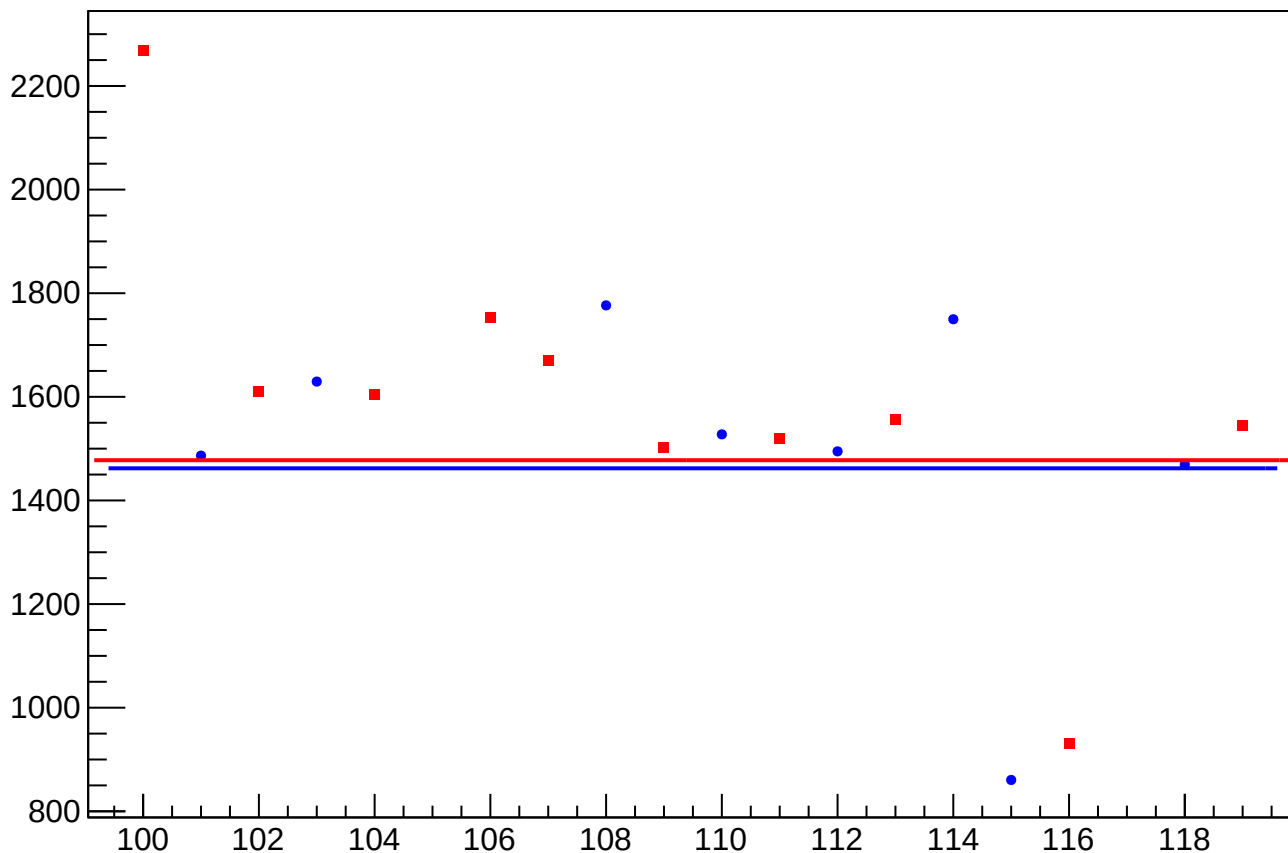
Right: -615.642+/-547.671 χ^2/NDF : 12.7/17

In: 83.173+/-813.739 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.642+/-547.671 χ^2/NDF : 12.7/17

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1462.040+/-0.575 χ^2/NDF : 184369.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1477.656+/-0.524 χ^2/NDF : 236204.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

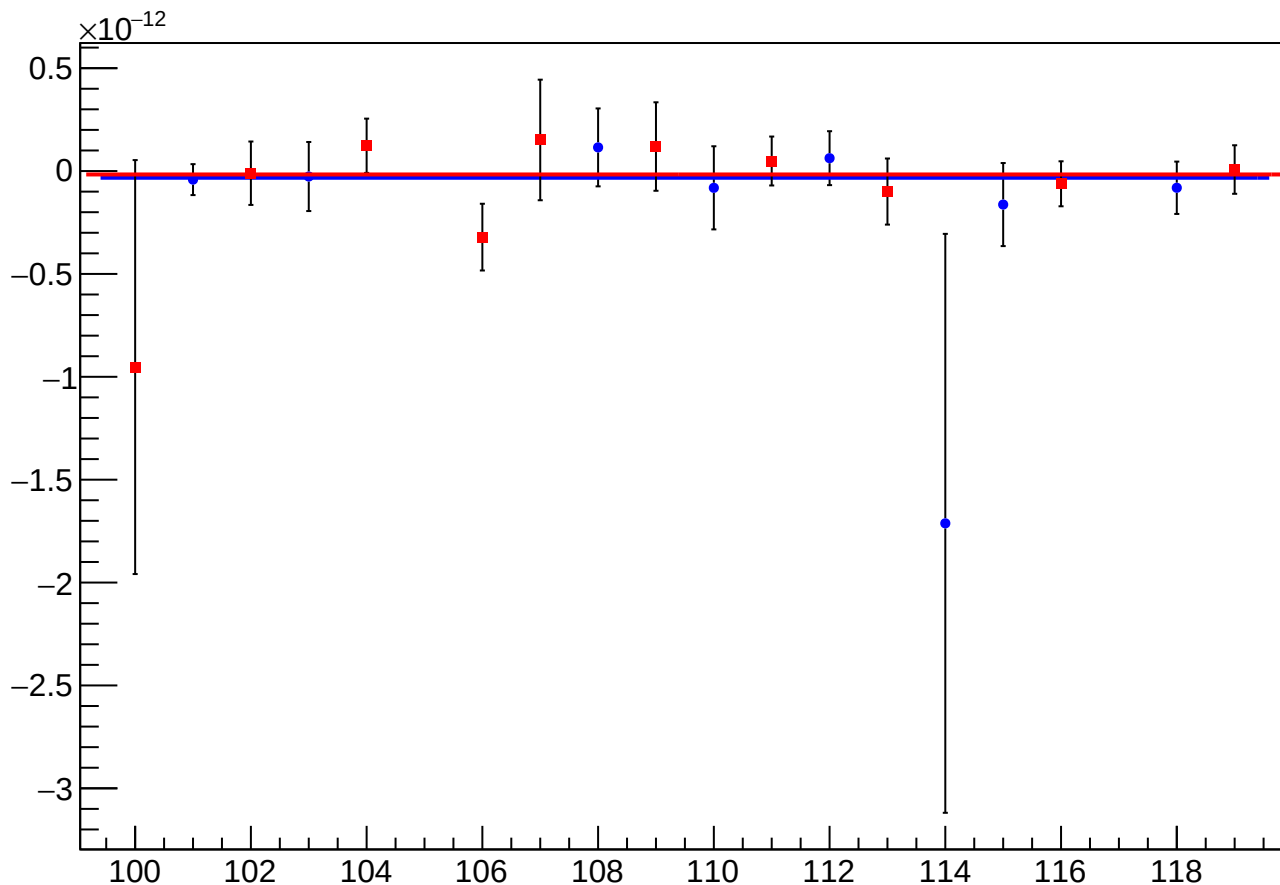
Right: 1470.582+/-0.387 χ^2/NDF : 420976.9/17

In: 1462.040+/-0.575 χ^2/NDF : 184369.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1470.582+/-0.387 χ^2/NDF : 420976.9/17

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 3.2/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

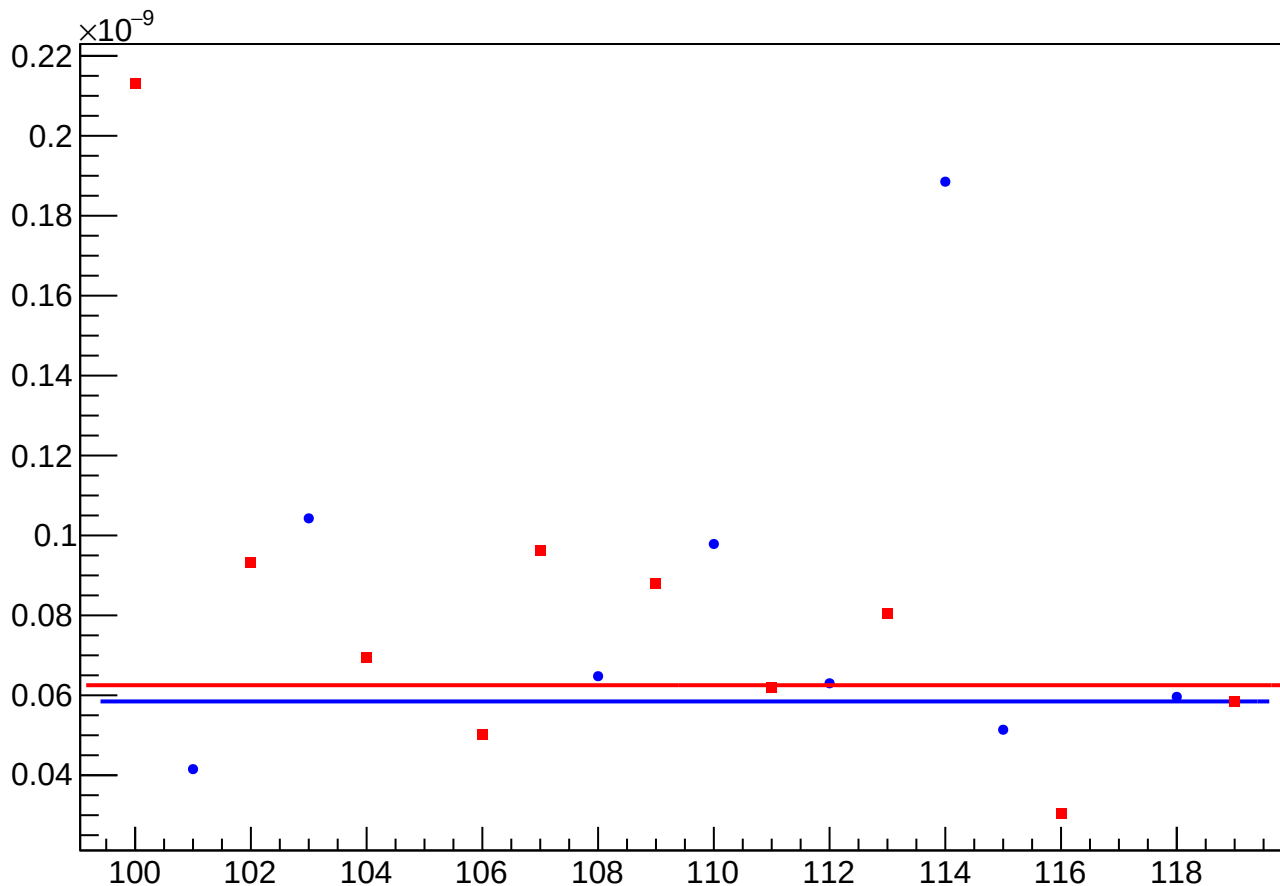
Right: -0.000+/-0.000 χ^2 /NDF: 10.3/17

In: -0.000+/-0.000 χ^2 /NDF:3.2/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.3/17

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 350901.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 395538.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

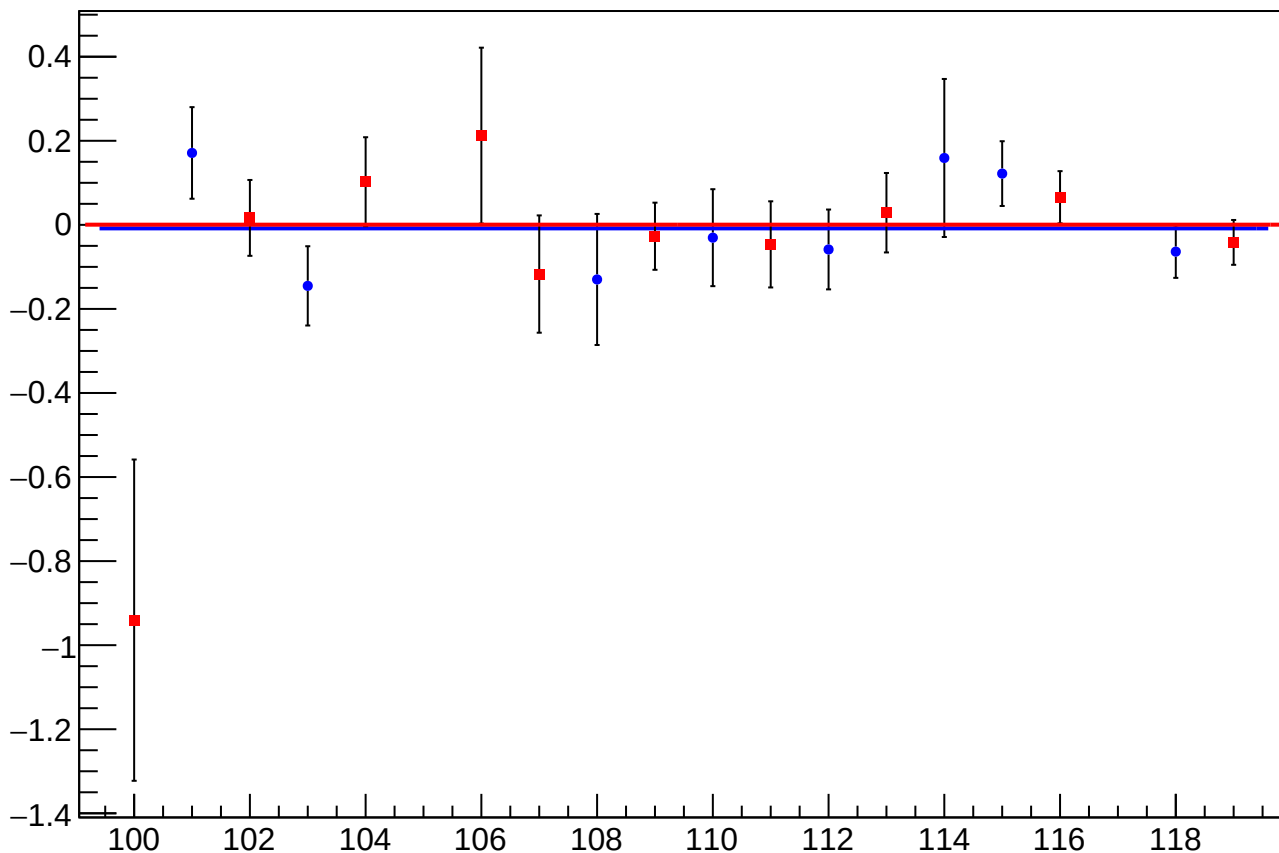
Right: 0.000+/-0.000 χ^2/NDF : 753405.3/17

In: 0.000+/-0.000 χ^2/NDF : 350901.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 753405.3/17

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.034 χ^2 /NDF: 10.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.028 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

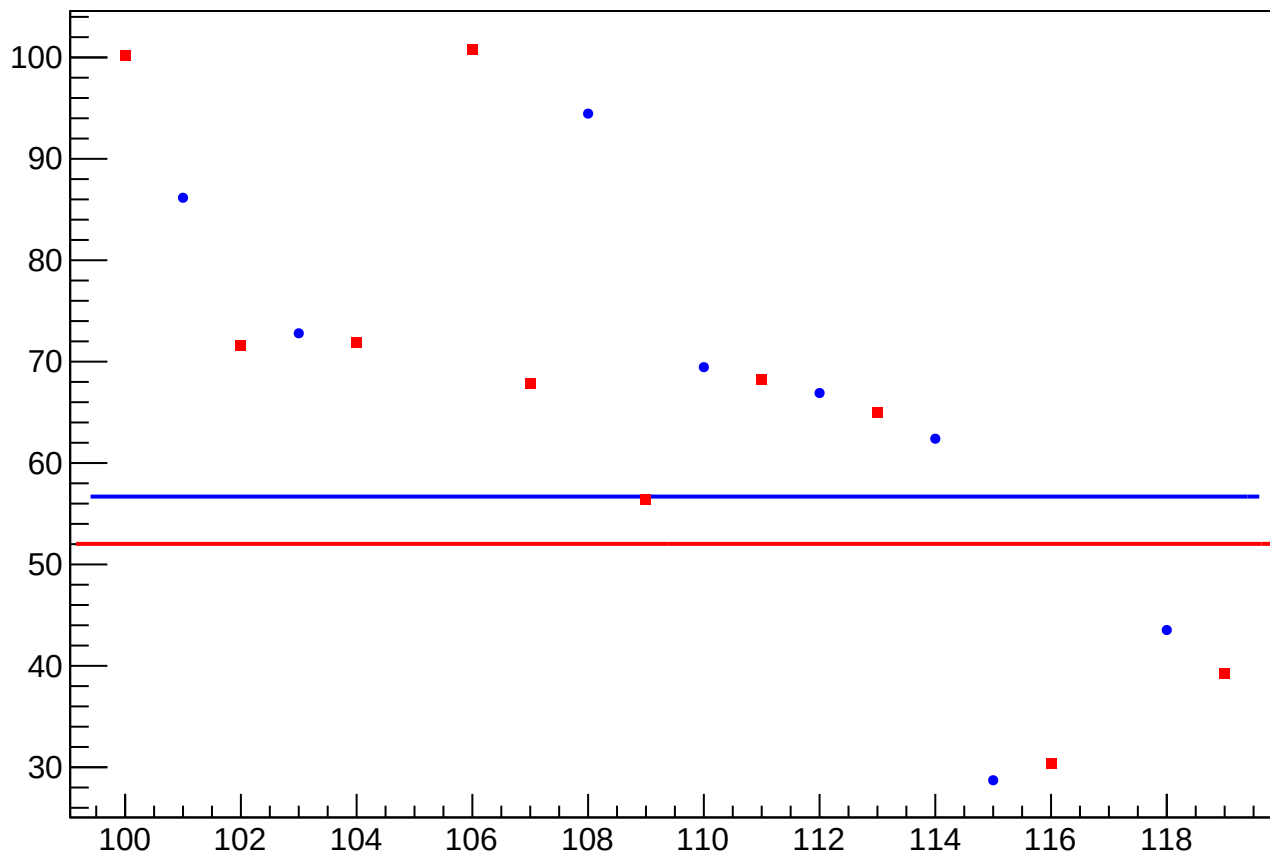
Right: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

In: -0.008 $\pm$ 0.034 χ^2 /NDF:10.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.693+/-0.024 χ^2/NDF : 724291.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781433.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

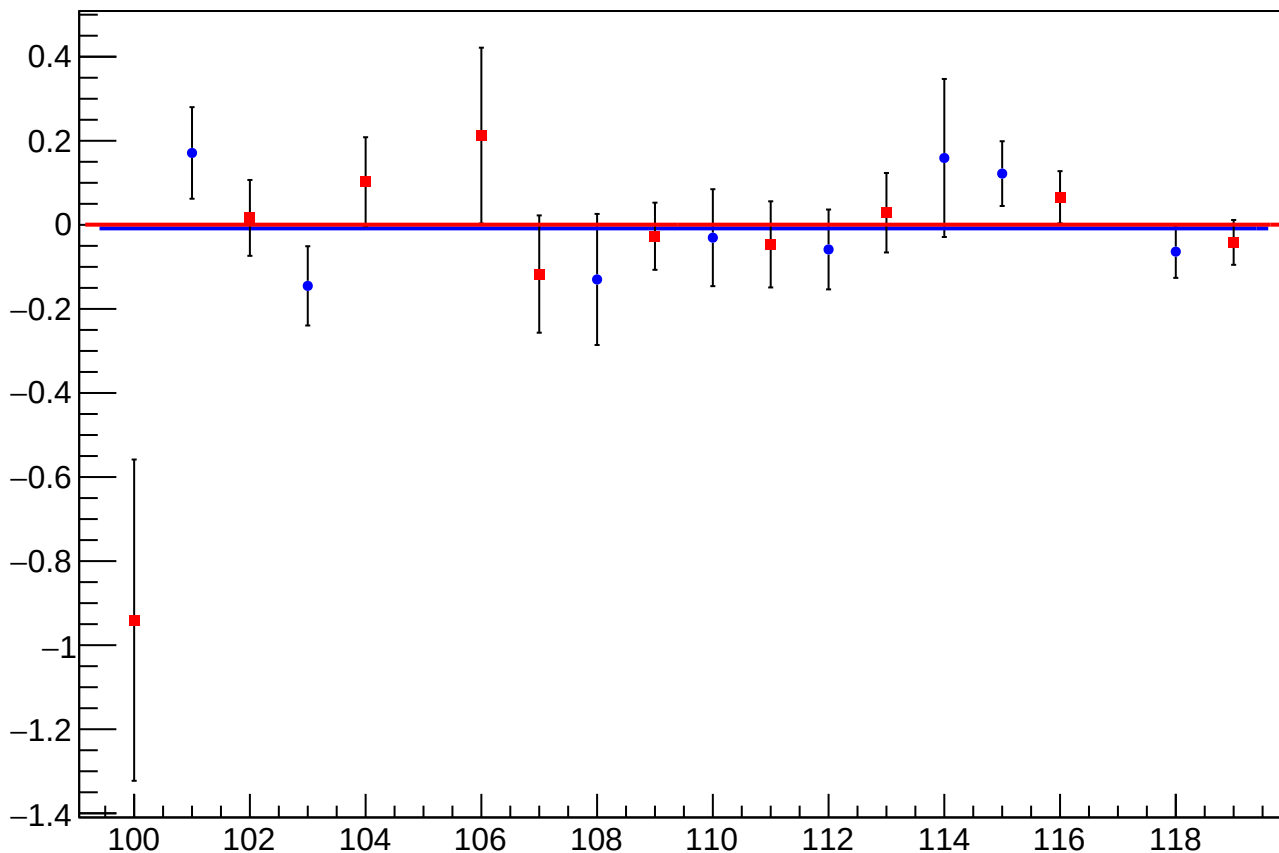
Right: 53.938+/-0.015 χ^2/NDF : 1528276.0/17

In: 56.693+/-0.024 χ^2/NDF : 724291.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.938+/-0.015 χ^2/NDF : 1528276.0/17

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.034 χ^2 /NDF: 10.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.028 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

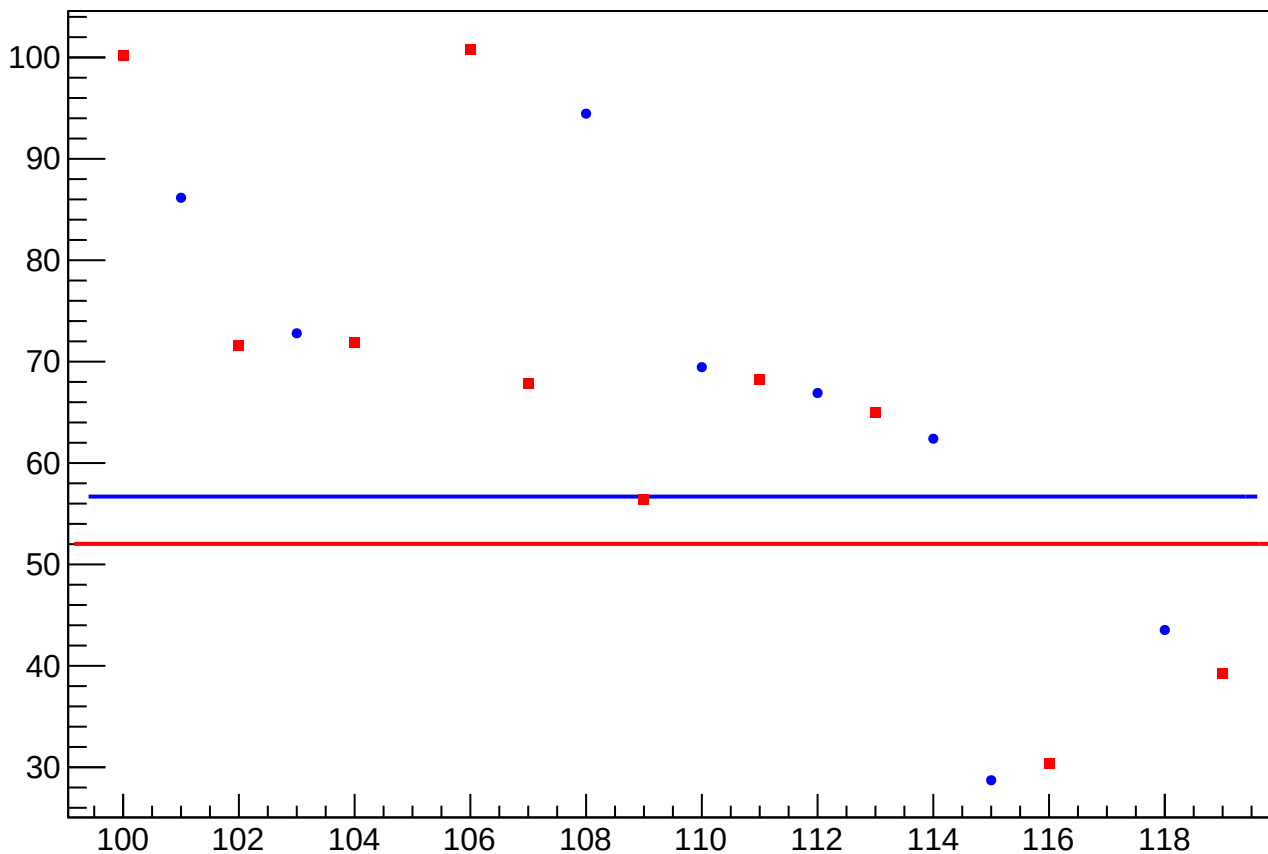
Right: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

In: -0.008 $\pm$ 0.034 χ^2 /NDF:10.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.693+/-0.024 χ^2/NDF : 724291.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.031+/-0.020 χ^2/NDF : 781433.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

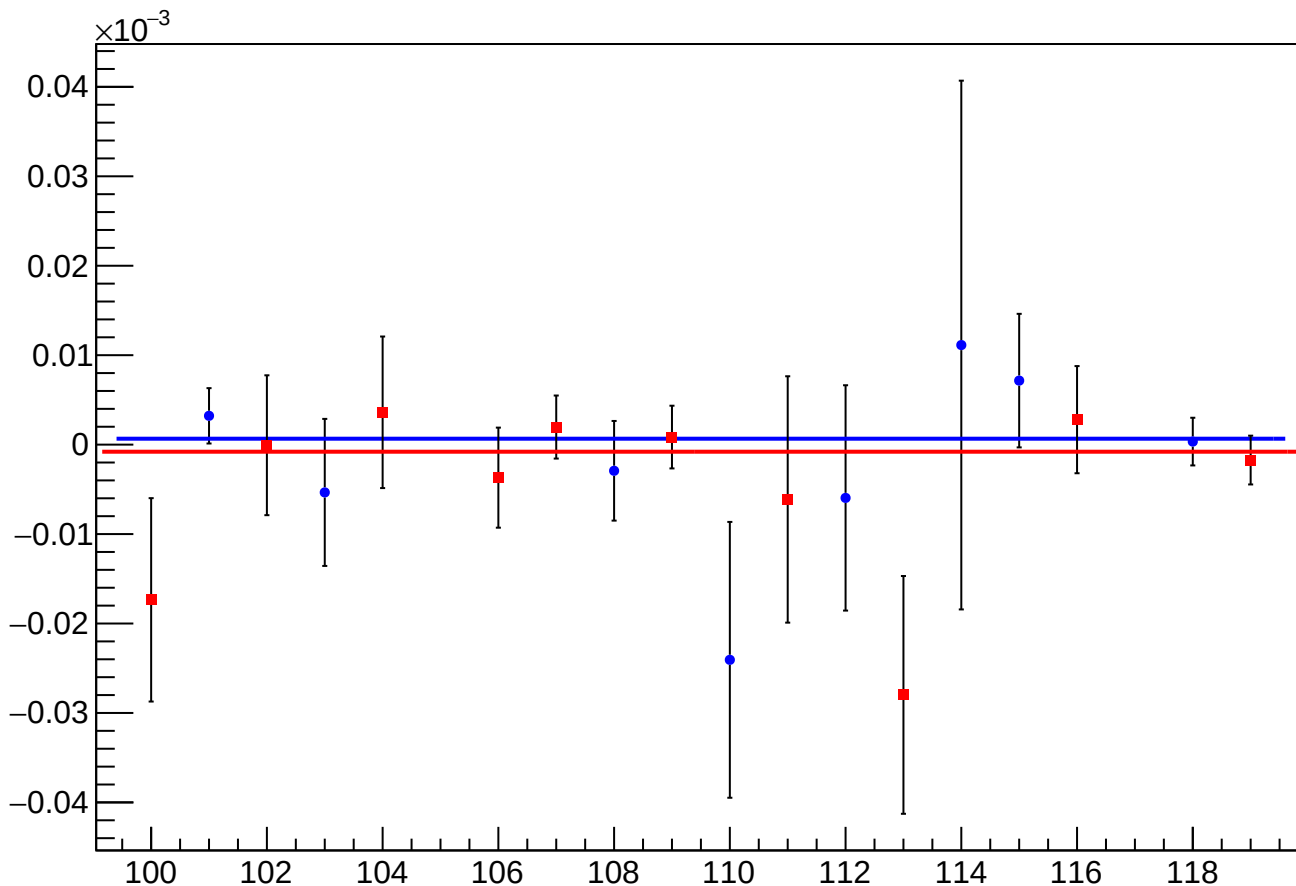
Right: 53.938+/-0.015 χ^2/NDF : 1528276.0/17

In: 56.693+/-0.024 χ^2/NDF : 724291.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.938+/-0.015 χ^2/NDF : 1528276.0/17

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

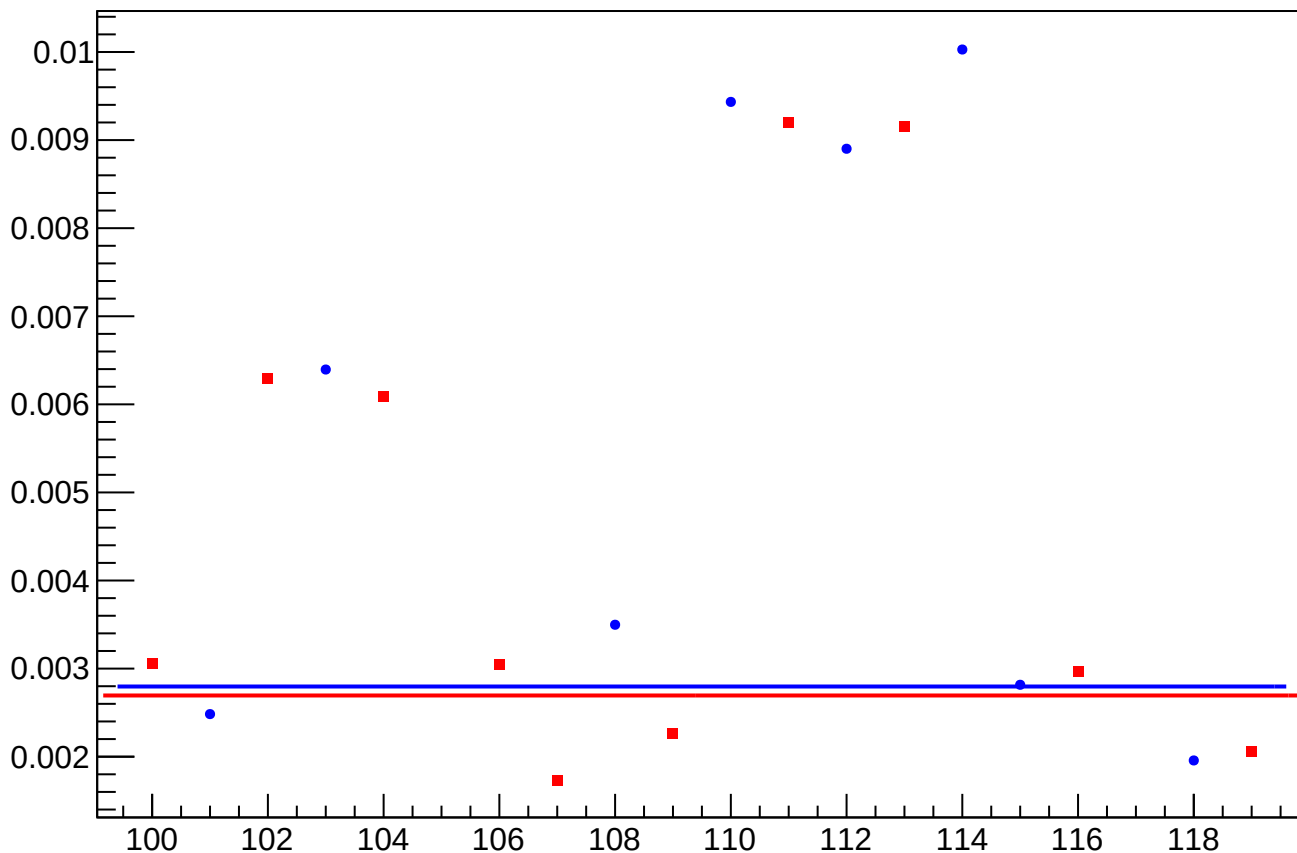
Right: -0.000+/-0.000 χ^2/NDF : 14.1/17

In: 0.000+/-0.000 χ^2/NDF : 5.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/17

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1593818.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1967774.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

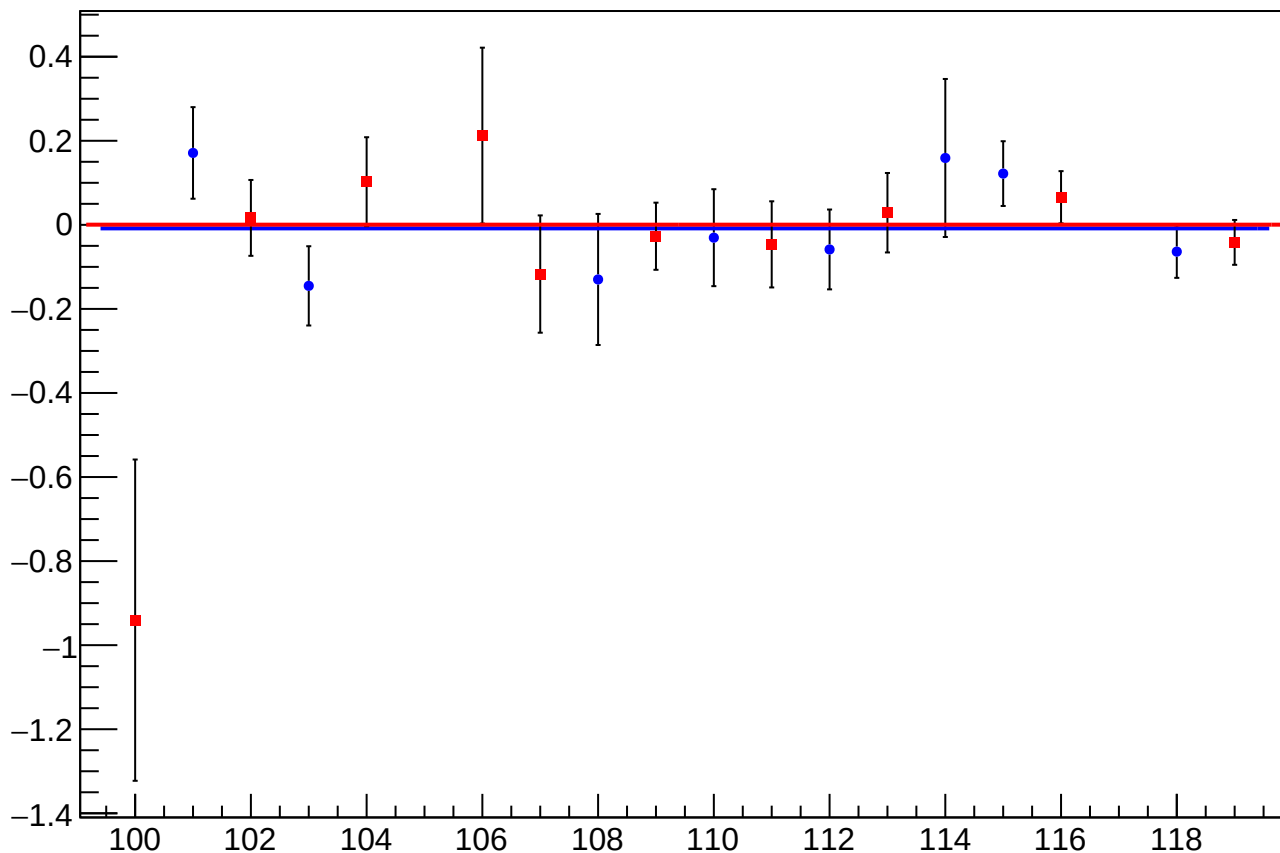
Right: 0.003+/-0.000 χ^2/NDF : 3565320.7/17

In: 0.003+/-0.000 χ^2/NDF : 1593818.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3565320.7/17

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.034 $\chi^2/\text{NDF}: 10.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.028 $\chi^2/\text{NDF}: 10.9/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

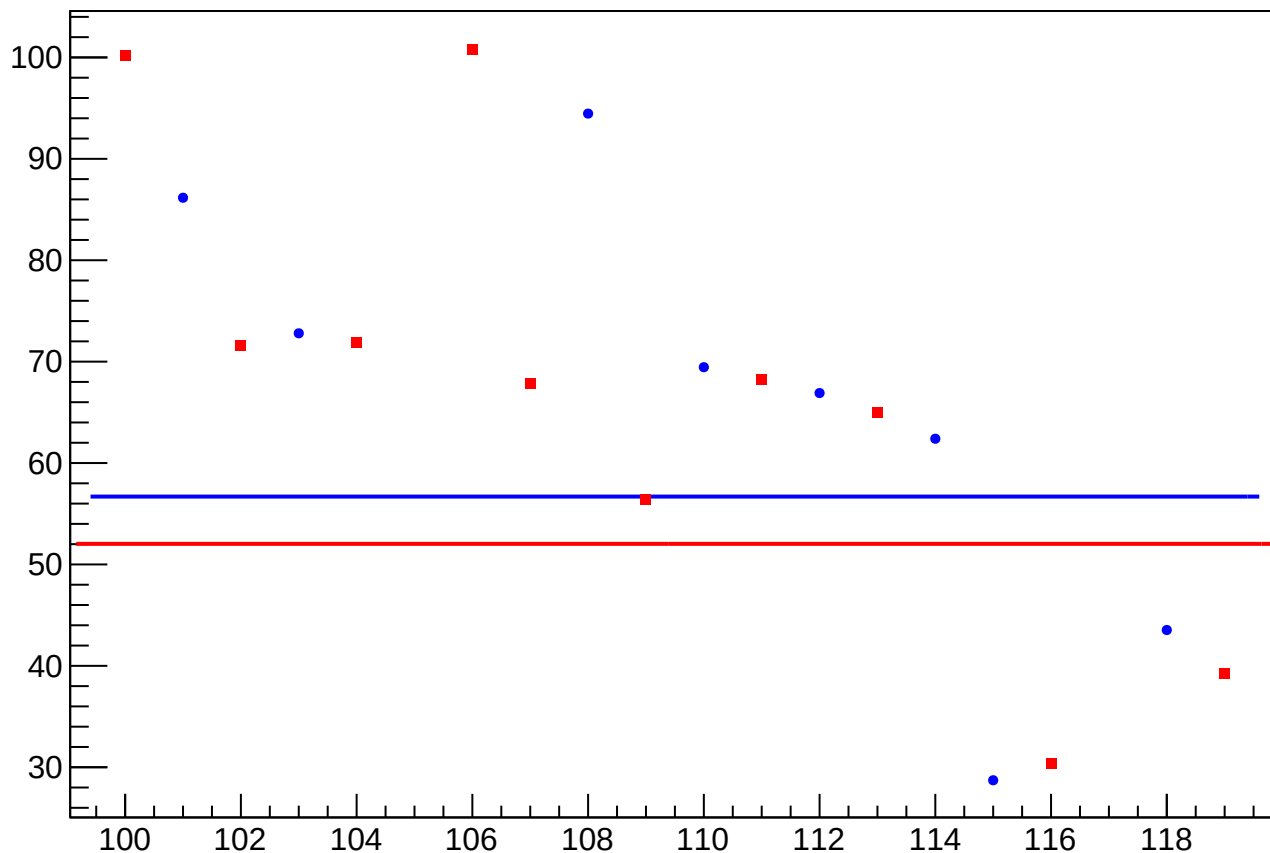
Right: -0.003 ± 0.022 $\chi^2/\text{NDF}: 21.1/17$

In: -0.008 ± 0.034 $\chi^2/\text{NDF}: 10.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.003 ± 0.022 $\chi^2/\text{NDF}: 21.1/17$

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.693 $\pm$ 0.024 χ^2 /NDF: 724261.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.031 $\pm$ 0.020 χ^2 /NDF: 781393.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

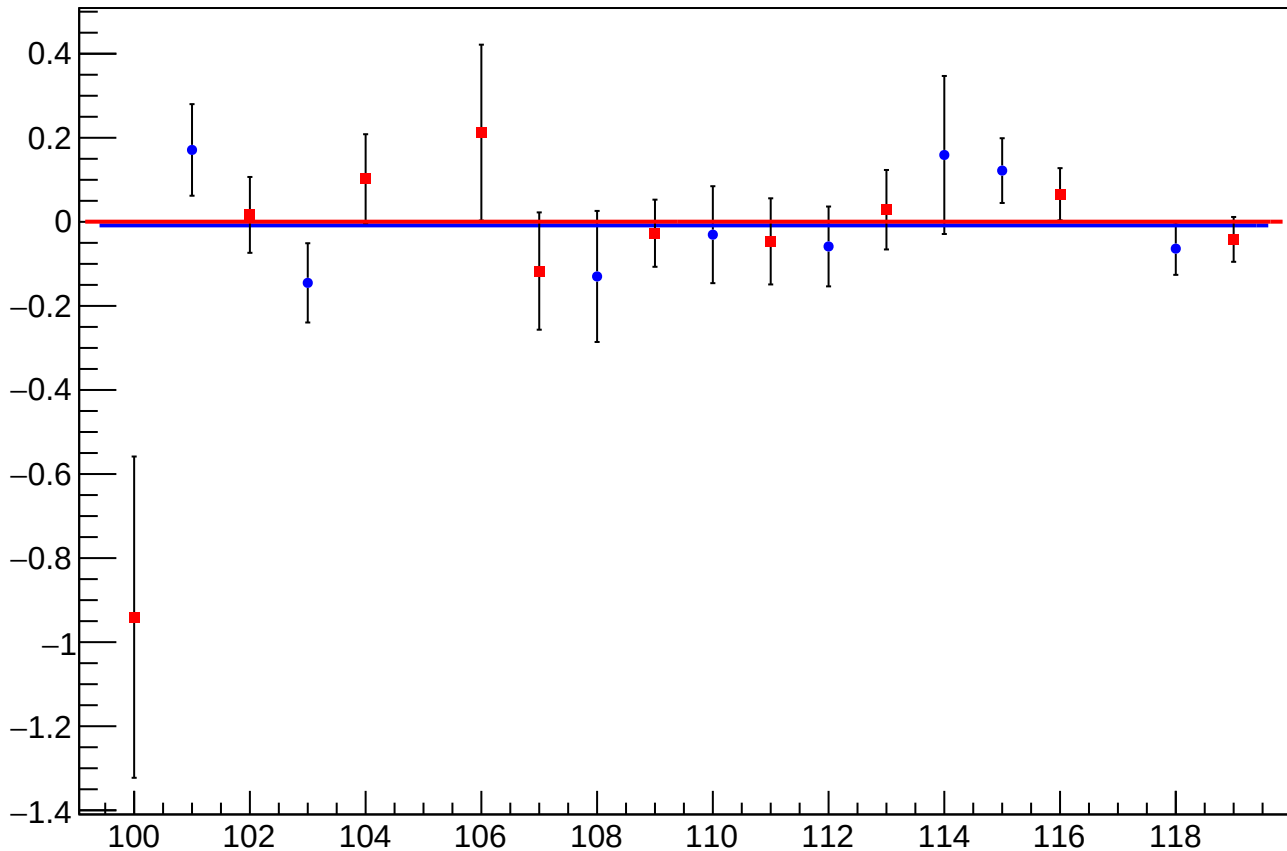
Right: 53.938 $\pm$ 0.015 χ^2 /NDF: 1528203.2/17

In: 56.693 $\pm$ 0.024 χ^2 /NDF:724261.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.938 $\pm$ 0.015 χ^2 /NDF: 1528203.2/17

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.034 χ^2 /NDF: 10.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.028 χ^2 /NDF: 10.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

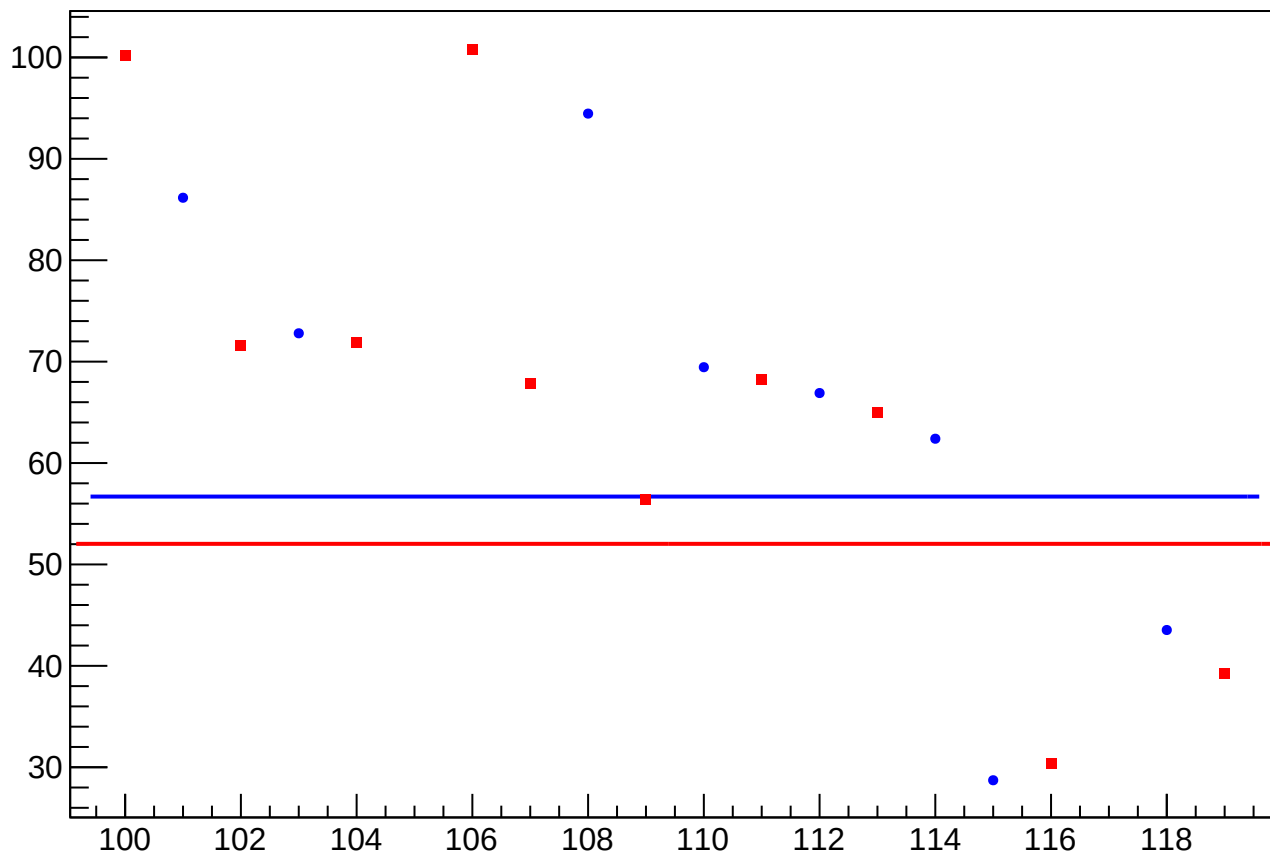
Right: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

In: -0.008 $\pm$ 0.034 χ^2 /NDF:10.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 21.1/17

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 56.693 $\pm$ 0.024 χ^2 /NDF: 724261.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.031 $\pm$ 0.020 χ^2 /NDF: 781393.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

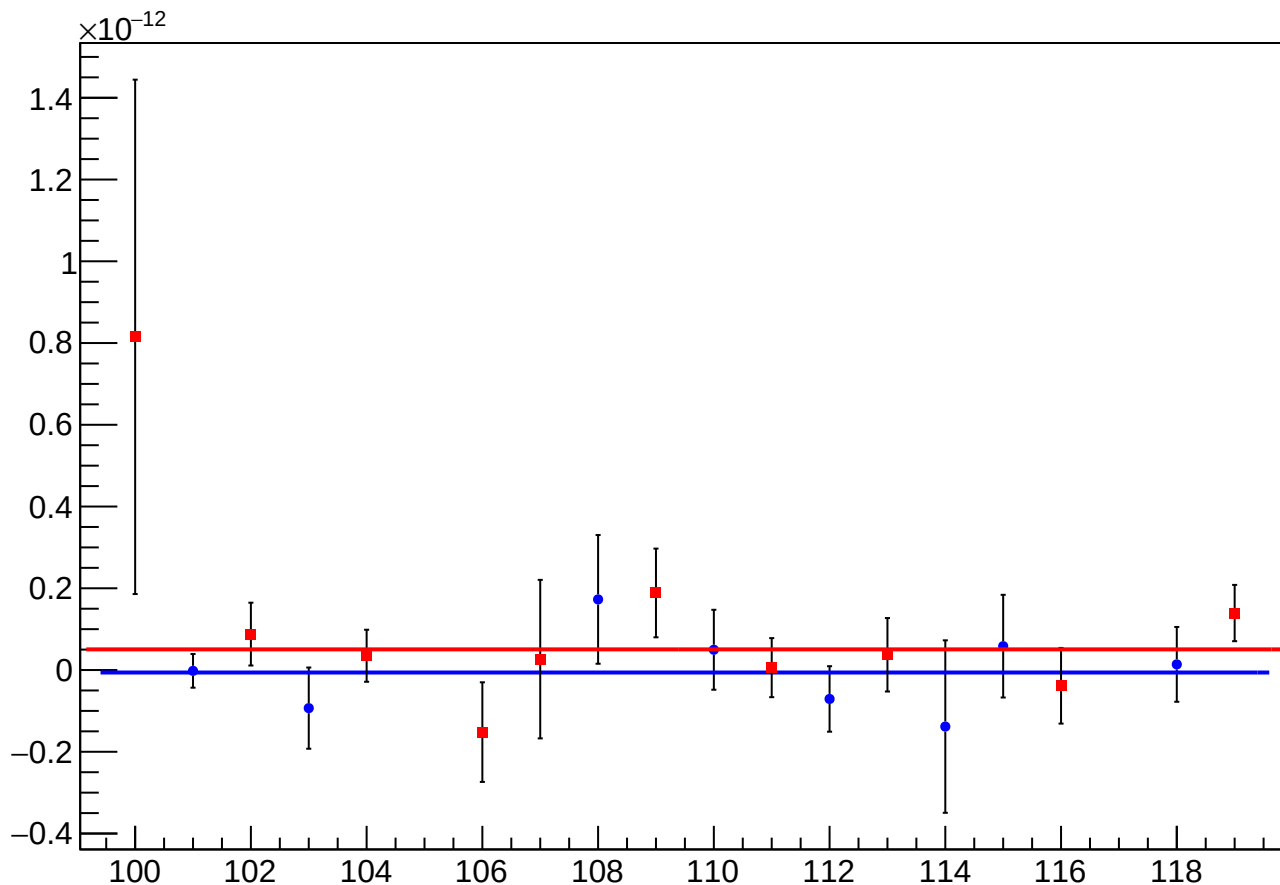
Right: 53.938 $\pm$ 0.015 χ^2 /NDF: 1528203.2/17

In: 56.693 $\pm$ 0.024 χ^2 /NDF:724261.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.938 $\pm$ 0.015 χ^2 /NDF: 1528203.2/17

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

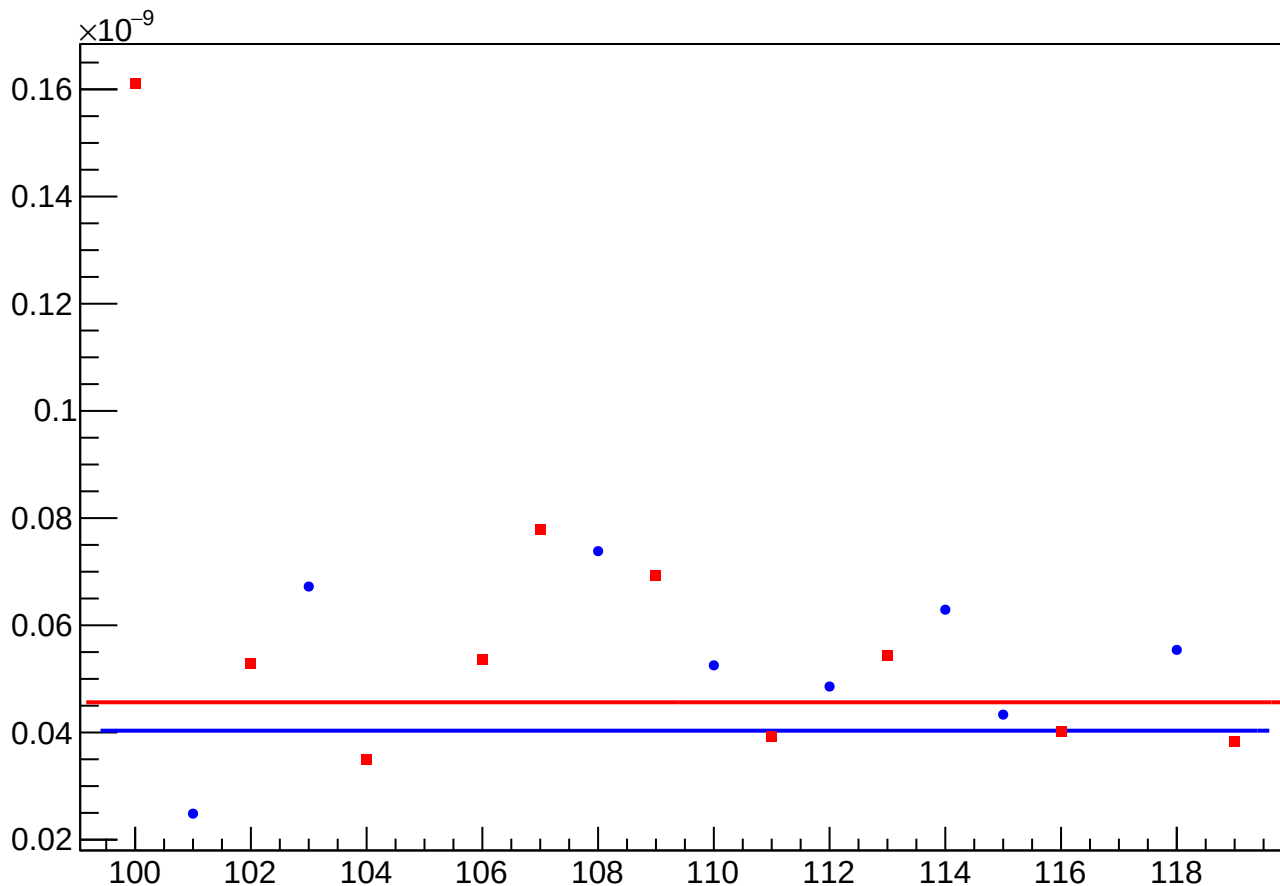
Right: 0.000+/-0.000 χ^2/NDF : 14.9/17

In: -0.000+/-0.000 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.9/17

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 650269.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 364144.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

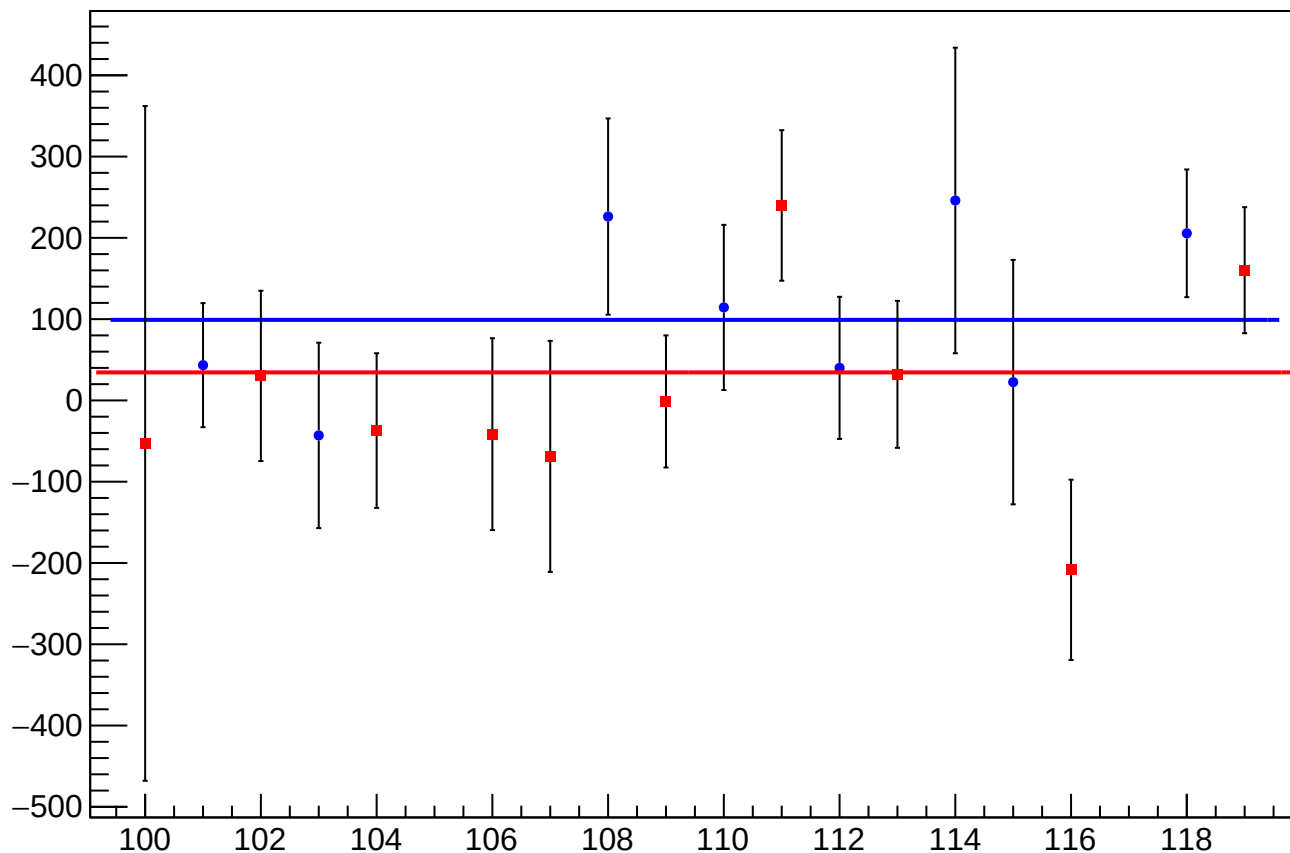
Right: 0.000+/-0.000 χ^2/NDF : 1048633.5/17

In: 0.000+/-0.000 χ^2/NDF : 650269.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1048633.5/17

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 99.101 $\pm$ 35.819 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.476 $\pm$ 32.162 χ^2 /NDF: 14.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

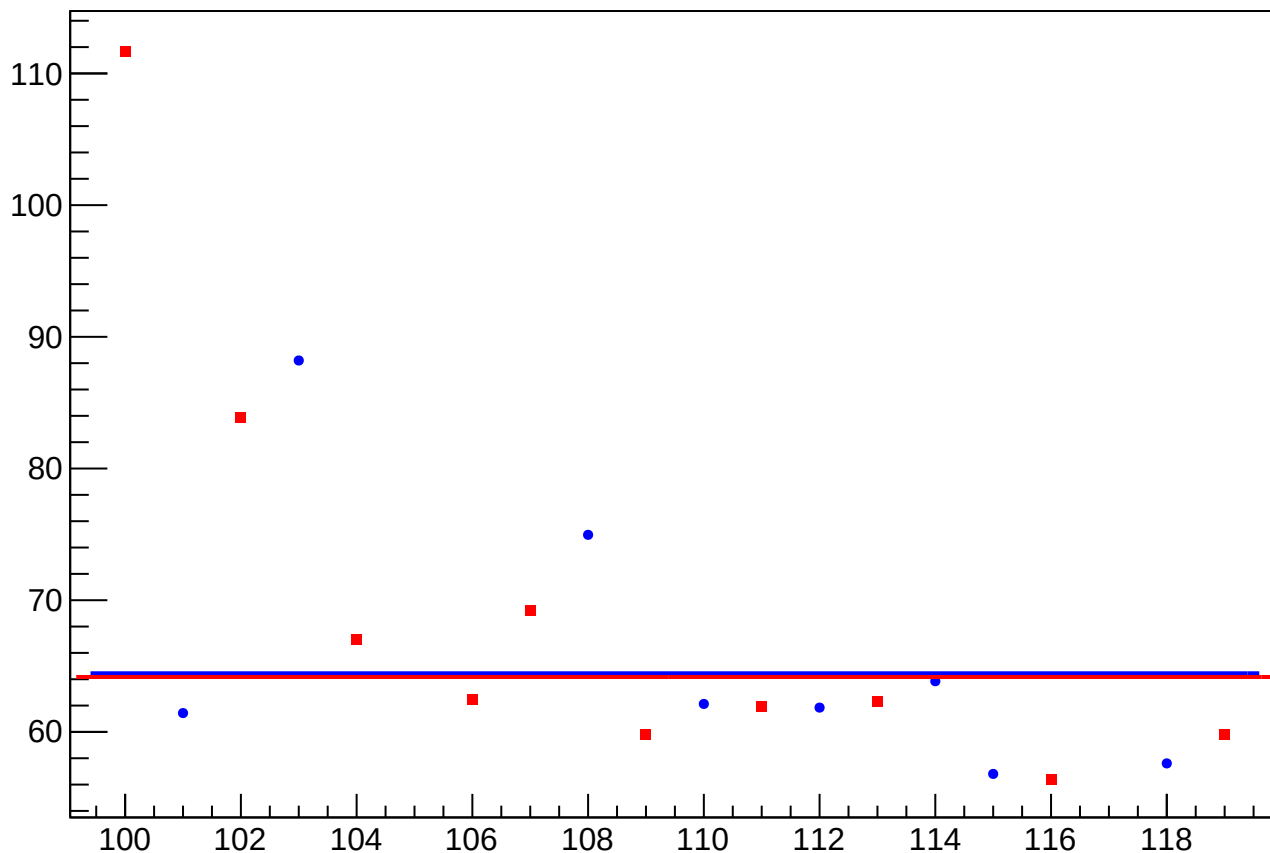
Right: 63.322 $\pm$ 23.931 χ^2 /NDF: 22.3/17

In: 99.101 $\pm$ 35.819 χ^2 /NDF:6.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 63.322 $\pm$ 23.931 χ^2 /NDF: 22.3/17

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.451+/-0.025 χ^2/NDF : 128242.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.170+/-0.023 χ^2/NDF : 125577.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

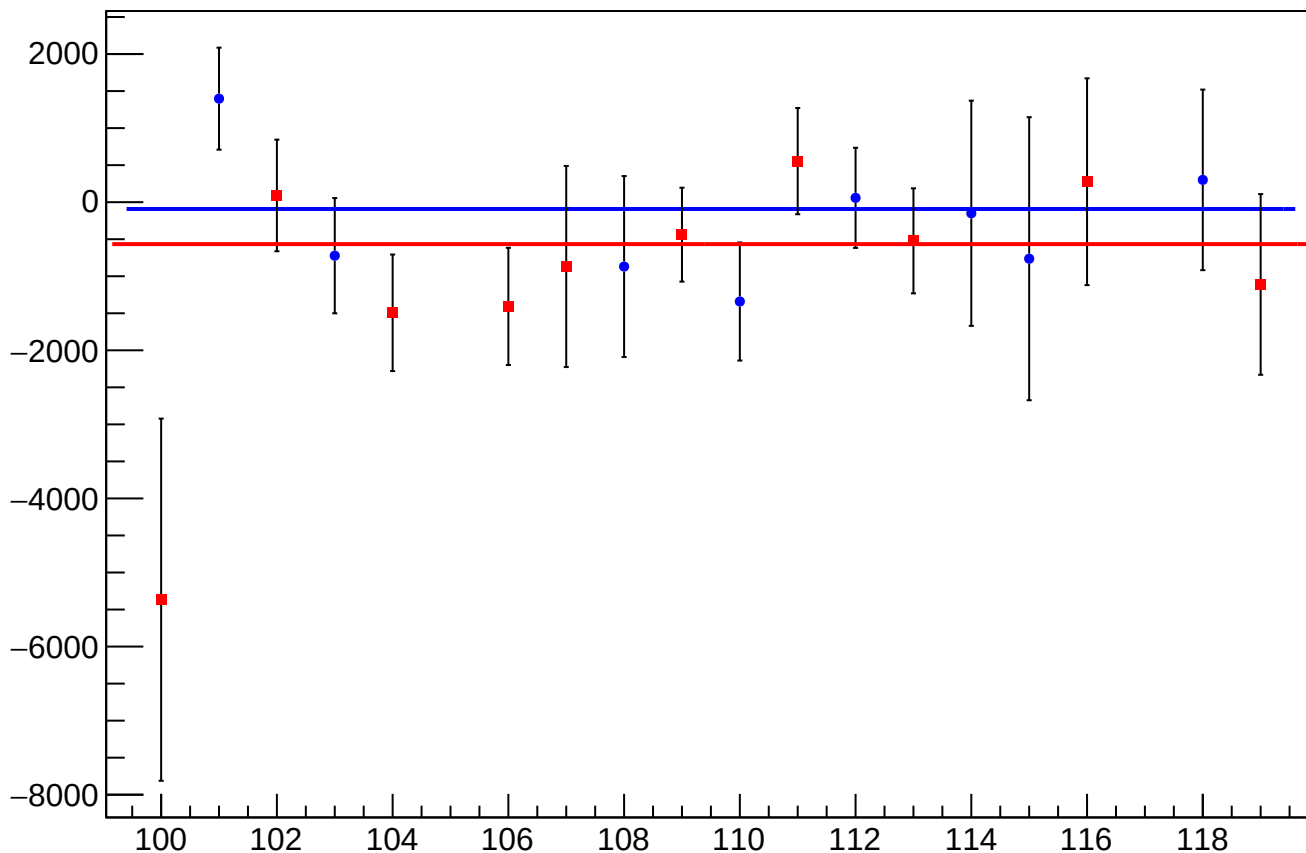
Right: 64.296+/-0.017 χ^2/NDF : 253888.3/17

In: 64.451+/-0.025 χ^2/NDF : 128242.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.296+/-0.017 χ^2/NDF : 253888.3/17

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -91.901 ± 323.200 χ^2/NDF : 8.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -566.150 ± 274.292 χ^2/NDF : 10.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

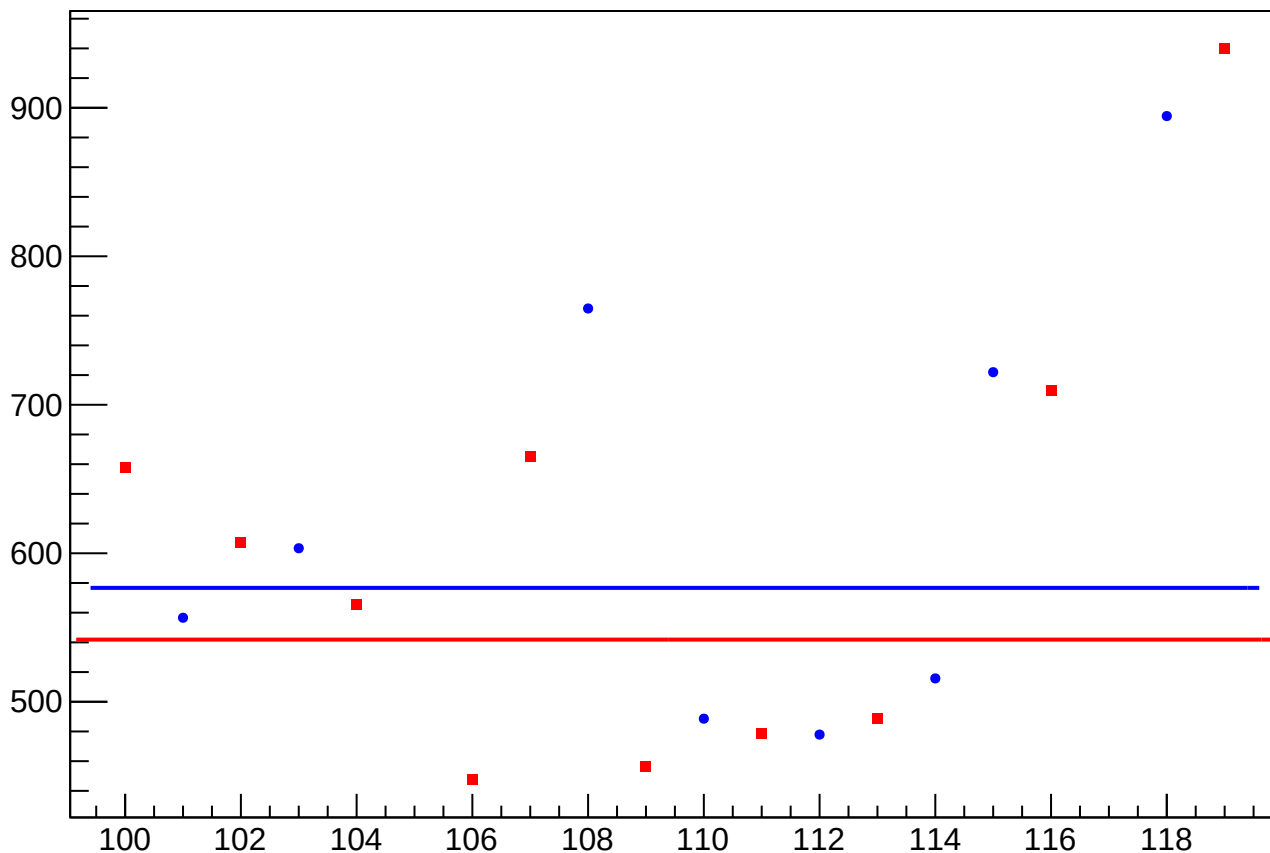
Right: -367.586 ± 209.131 χ^2/NDF : 20.0/17

In: -91.901 ± 323.200 χ^2/NDF : 8.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -367.586 ± 209.131 χ^2/NDF : 20.0/17

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 576.703+/-0.229 χ^2/NDF : 269267.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.863+/-0.194 χ^2/NDF : 370671.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

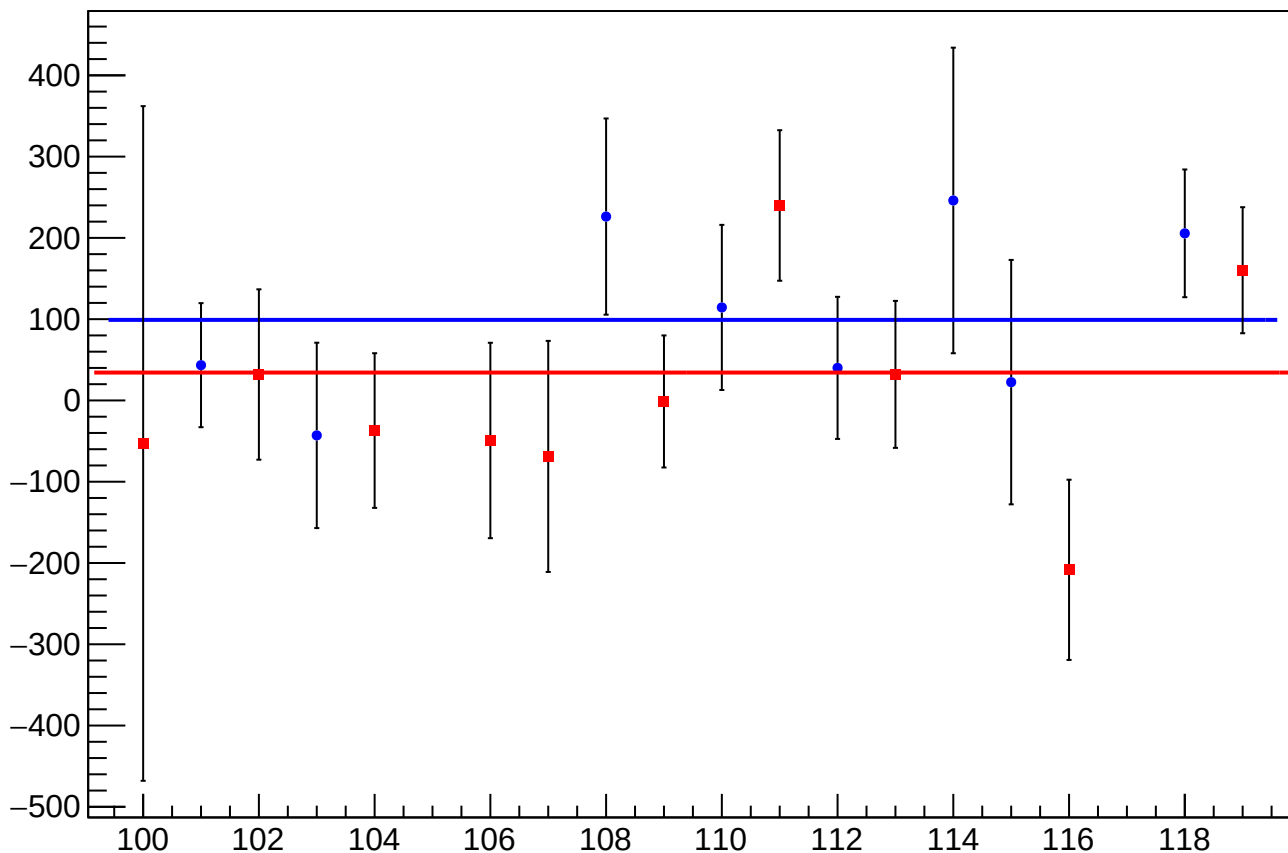
Right: 556.450+/-0.148 χ^2/NDF : 653448.9/17

In: 576.703+/-0.229 χ^2/NDF : 269267.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.450+/-0.148 χ^2/NDF : 653448.9/17

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 99.118+/-35.819 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.307+/-32.207 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

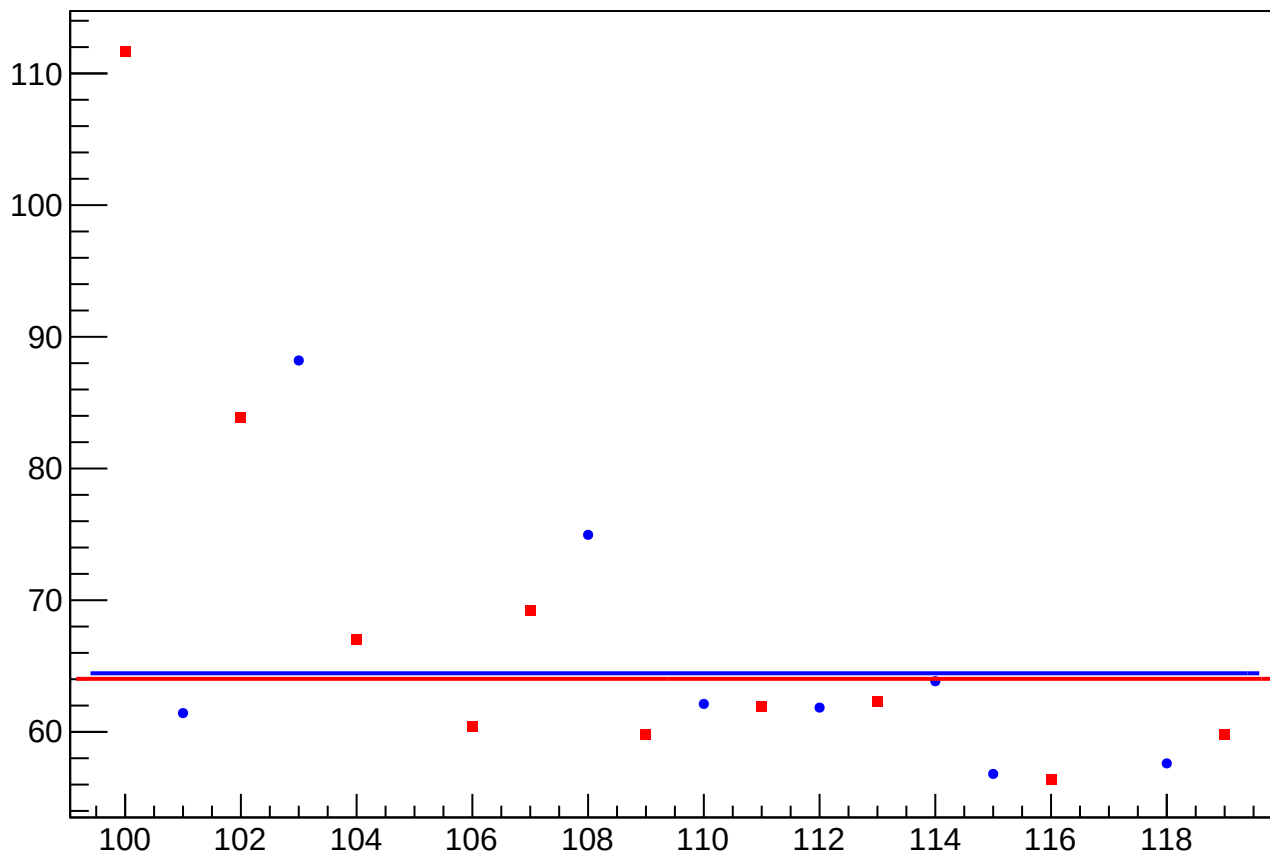
Right: 63.281+/-23.949 χ^2/NDF : 22.4/17

In: 99.118+/-35.819 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.281+/-23.949 χ^2/NDF : 22.4/17

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.451+/-0.025 χ^2/NDF : 128245.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.030+/-0.023 χ^2/NDF : 127266.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

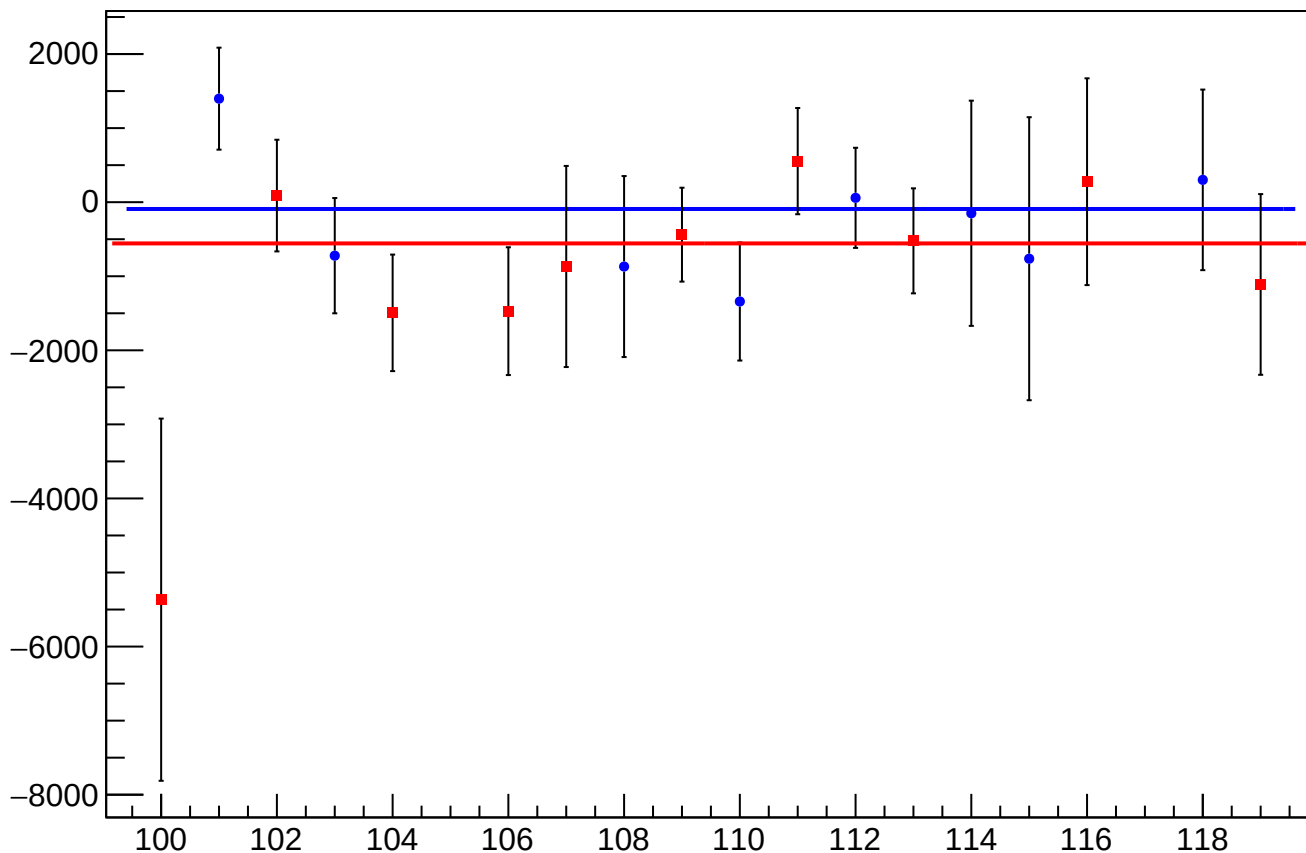
Right: 64.218+/-0.017 χ^2/NDF : 255665.2/17

In: 64.451+/-0.025 χ^2/NDF : 128245.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.218+/-0.017 χ^2/NDF : 255665.2/17

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -91.835 ± 323.204 χ^2/NDF : 8.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -556.816 ± 276.963 χ^2/NDF : 10.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

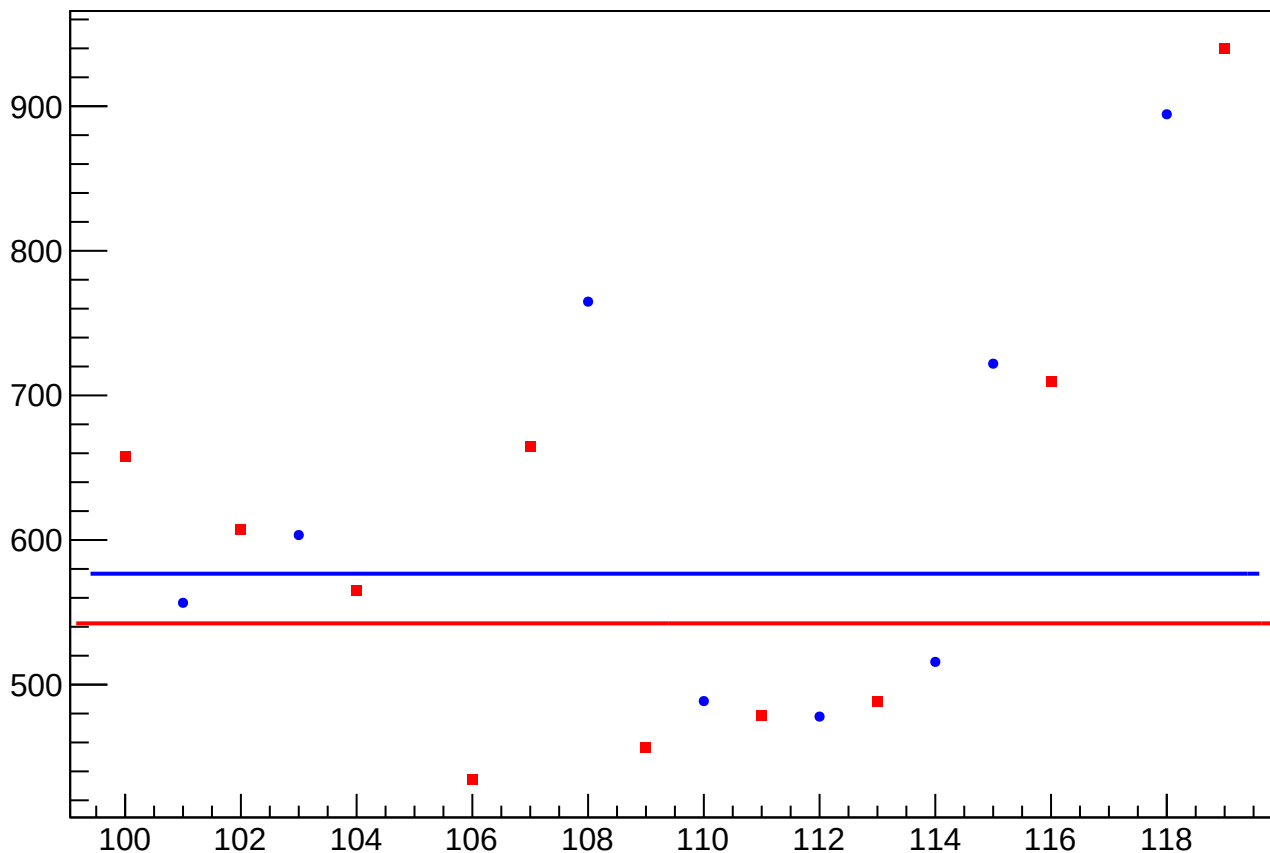
Right: -359.940 ± 210.308 χ^2/NDF : 19.9/17

In: -91.835 ± 323.204 χ^2/NDF : 8.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -359.940 ± 210.308 χ^2/NDF : 19.9/17

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 576.710+/-0.229 χ^2/NDF : 269274.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.366+/-0.196 χ^2/NDF : 373443.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

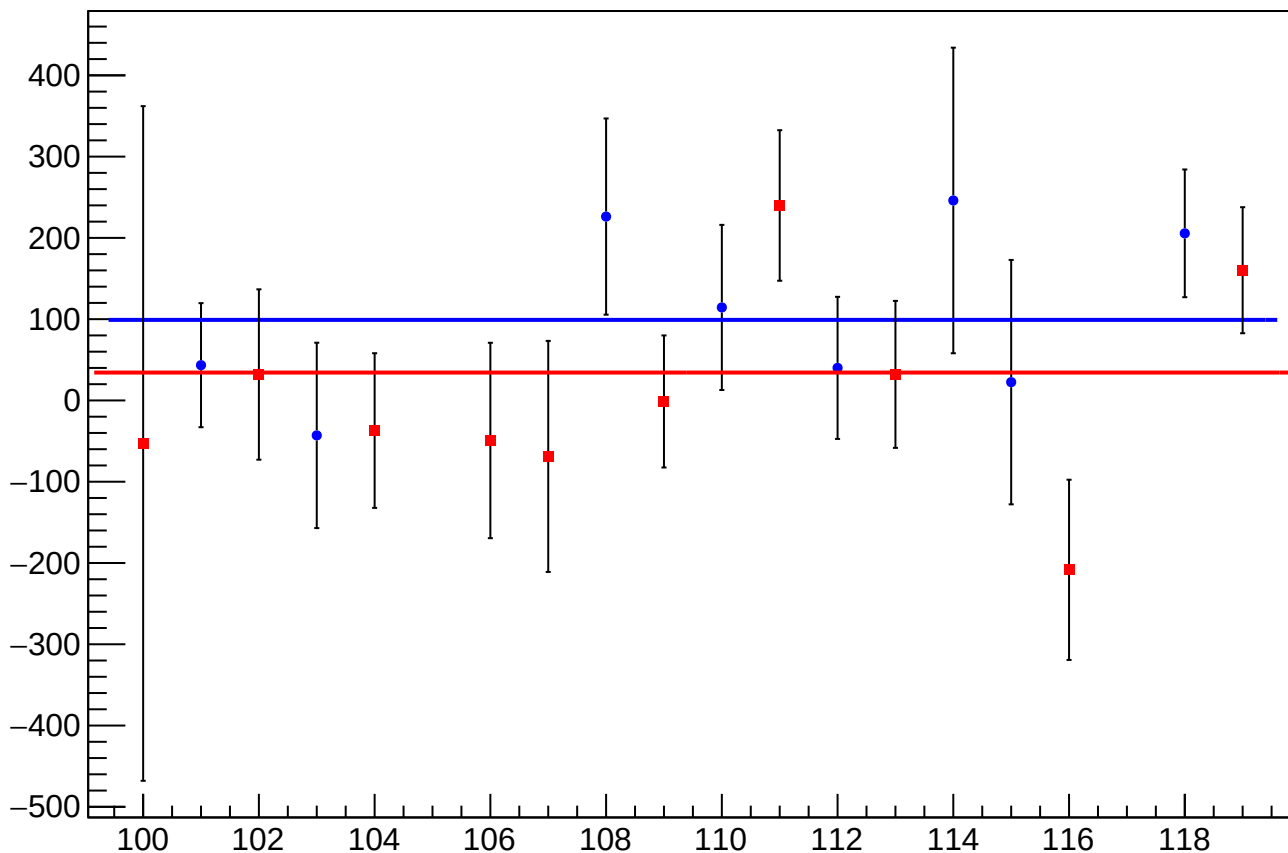
Right: 556.908+/-0.149 χ^2/NDF : 655739.1/17

In: 576.710+/-0.229 χ^2/NDF : 269274.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.908+/-0.149 χ^2/NDF : 655739.1/17

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 99.118+/-35.819 χ^2/NDF : 6.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.307+/-32.207 χ^2/NDF : 14.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

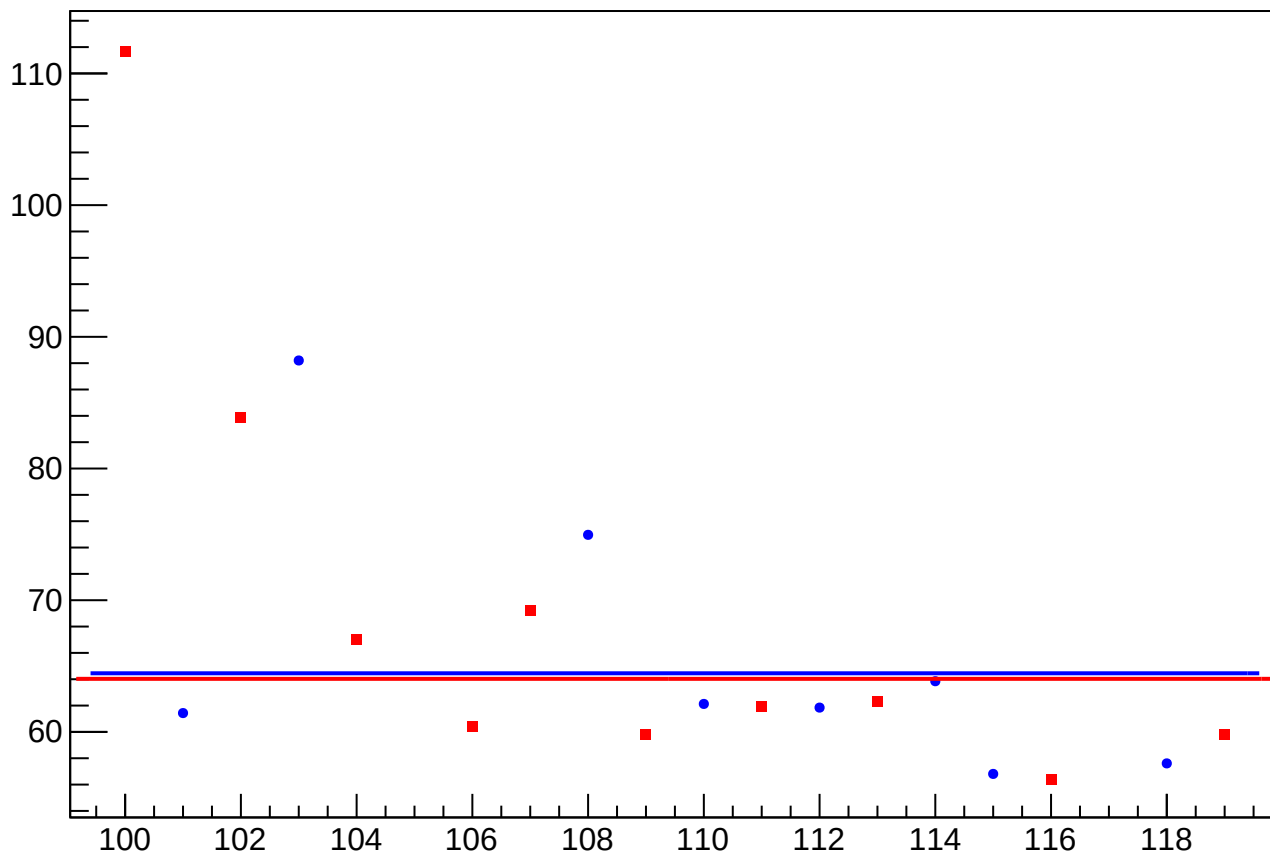
Right: 63.281+/-23.949 χ^2/NDF : 22.4/17

In: 99.118+/-35.819 χ^2/NDF : 6.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.281+/-23.949 χ^2/NDF : 22.4/17

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.451+/-0.025 χ^2/NDF : 128245.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.030+/-0.023 χ^2/NDF : 127266.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

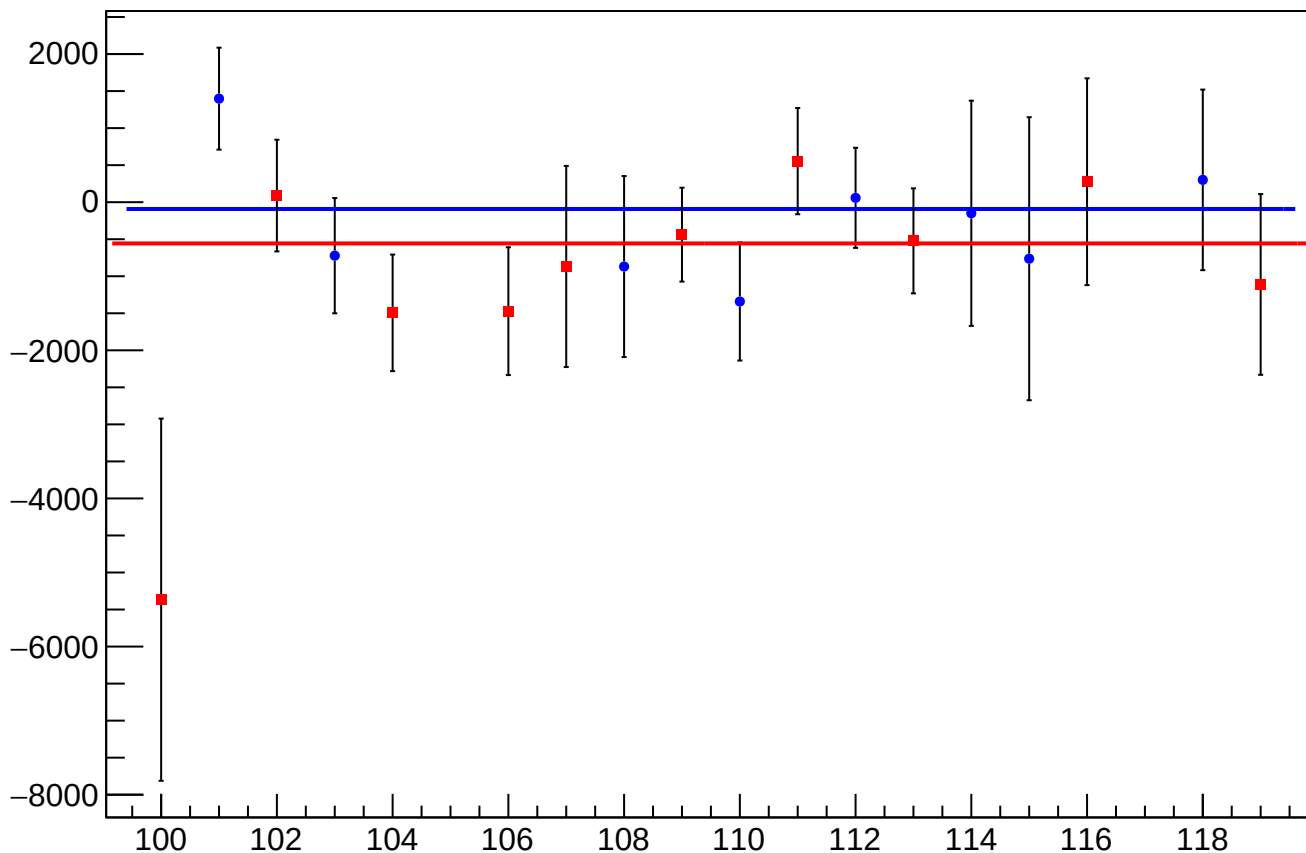
Right: 64.218+/-0.017 χ^2/NDF : 255665.2/17

In: 64.451+/-0.025 χ^2/NDF : 128245.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.218+/-0.017 χ^2/NDF : 255665.2/17

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -91.835+/-323.204 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -556.816+/-276.963 χ^2/NDF : 10.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

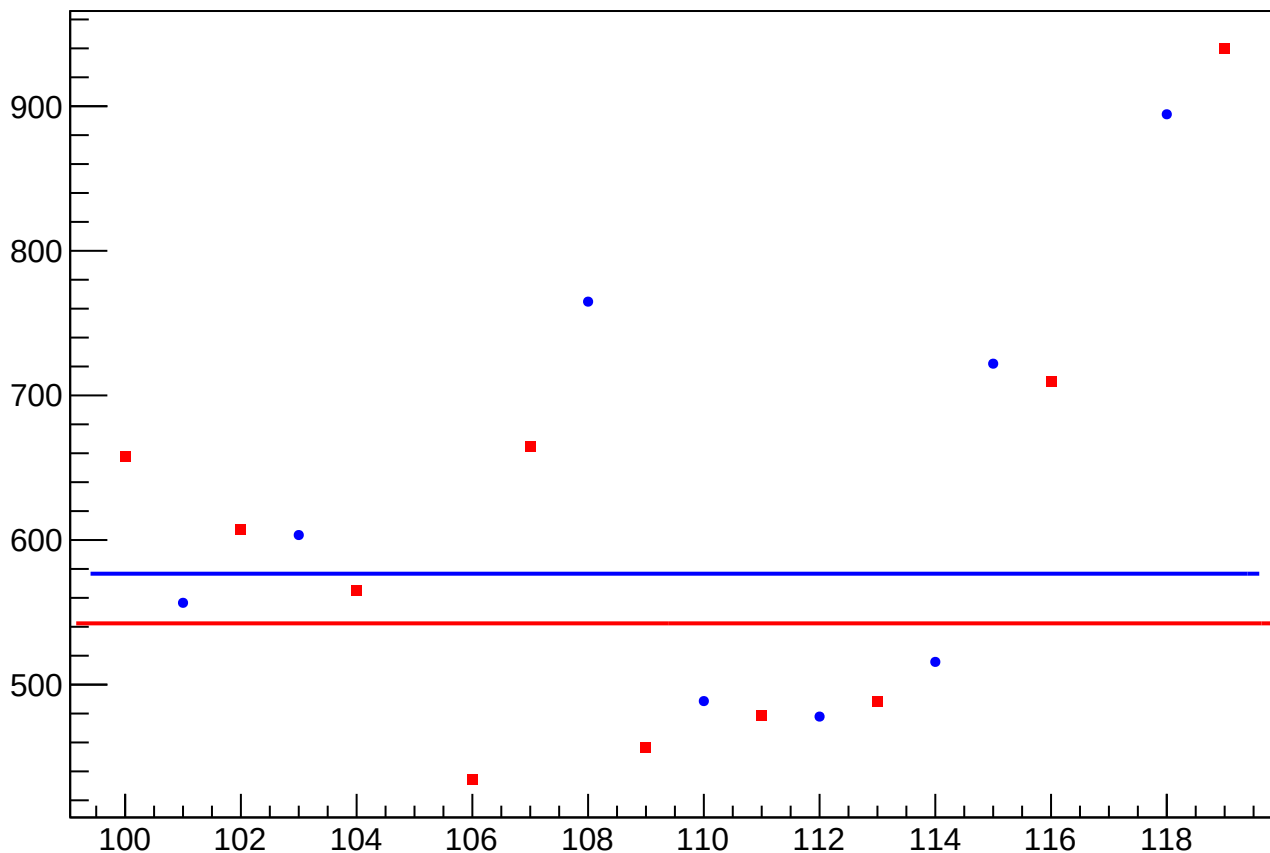
Right: -359.940+/-210.308 χ^2/NDF : 19.9/17

In: -91.835+/-323.204 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.940+/-210.308 χ^2/NDF : 19.9/17

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 576.710+/-0.229 χ^2/NDF : 269274.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.366+/-0.196 χ^2/NDF : 373443.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

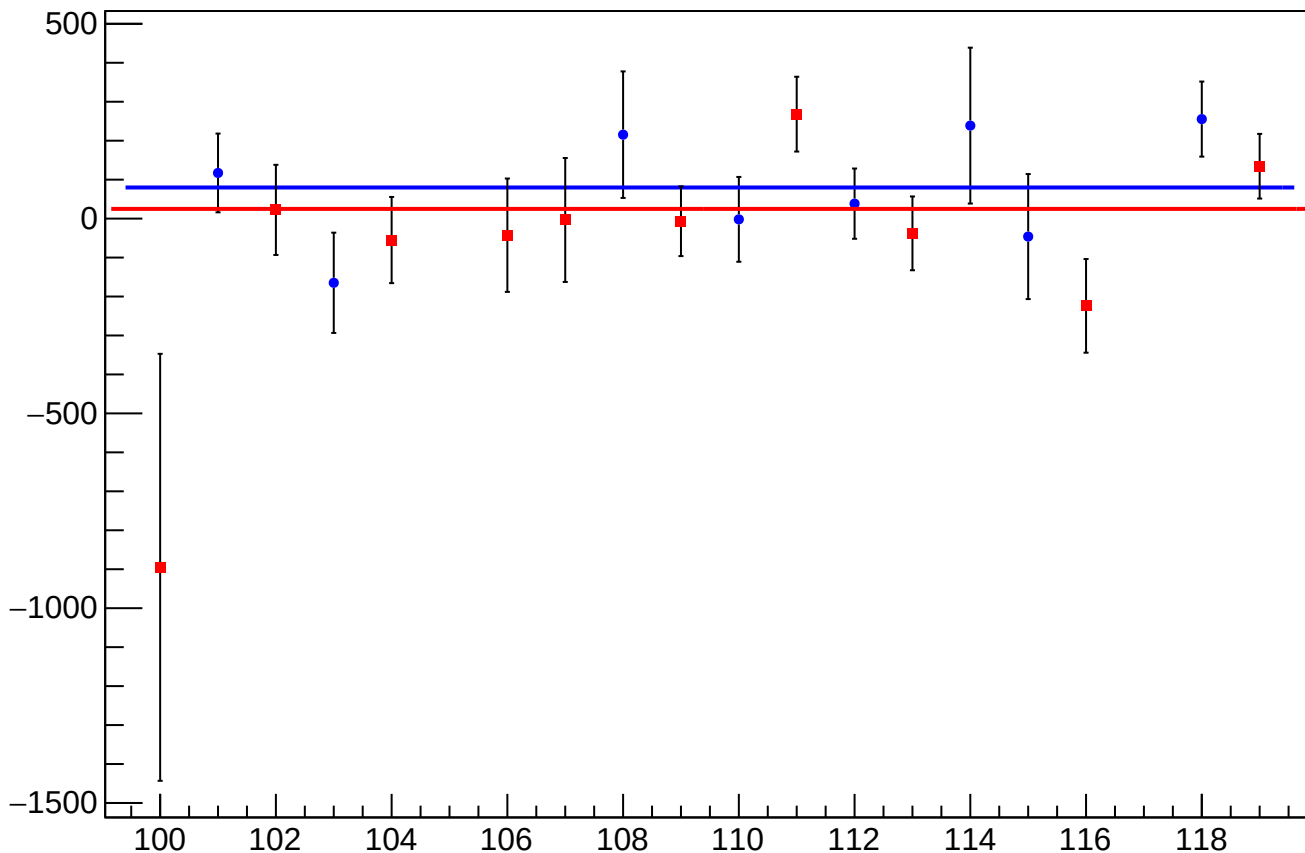
Right: 556.908+/-0.149 χ^2/NDF : 655739.1/17

In: 576.710+/-0.229 χ^2/NDF : 269274.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.908+/-0.149 χ^2/NDF : 655739.1/17

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 79.880 $\pm$ 41.700 χ^2 /NDF: 9.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.914 $\pm$ 35.232 χ^2 /NDF: 16.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

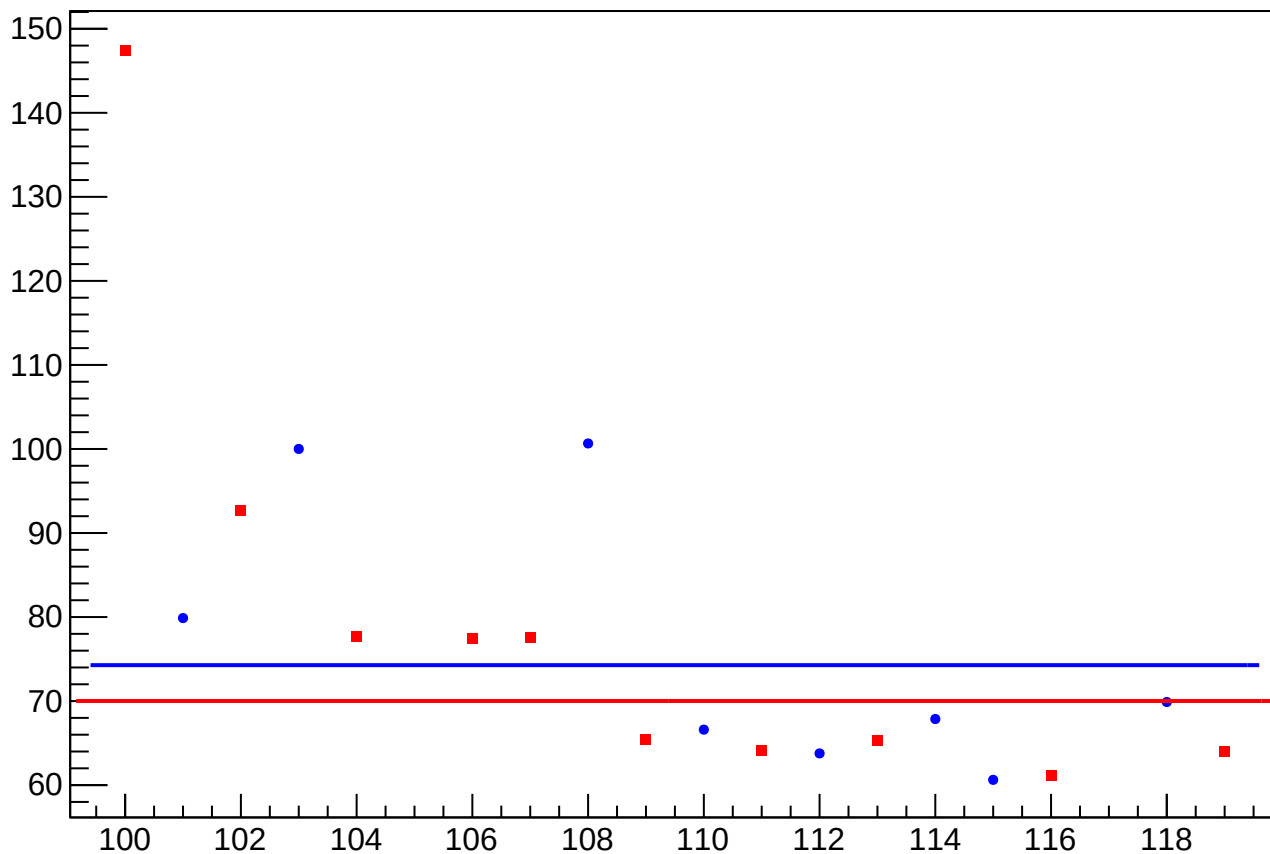
Right: 47.808 $\pm$ 26.912 χ^2 /NDF: 27.4/17

In: 79.880 $\pm$ 41.700 χ^2 /NDF:9.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.808 $\pm$ 26.912 χ^2 /NDF: 27.4/17

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 74.275+/-0.029 χ^2/NDF : 196580.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.011+/-0.025 χ^2/NDF : 175181.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

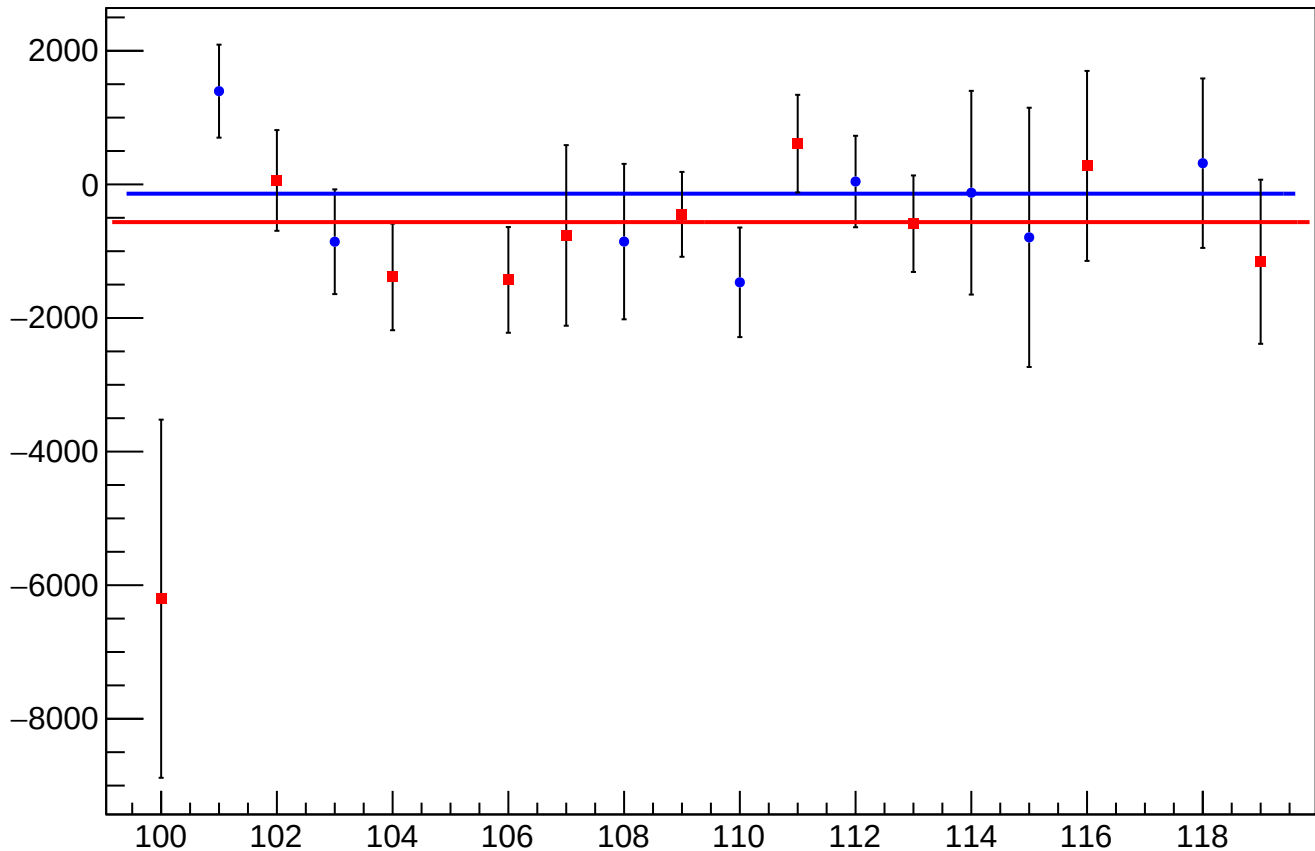
Right: 71.787+/-0.019 χ^2/NDF : 383967.4/17

In: 74.275+/-0.029 χ^2/NDF : 196580.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.787+/-0.019 χ^2/NDF : 383967.4/17

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -138.837+/-326.725 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -564.366+/-277.000 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

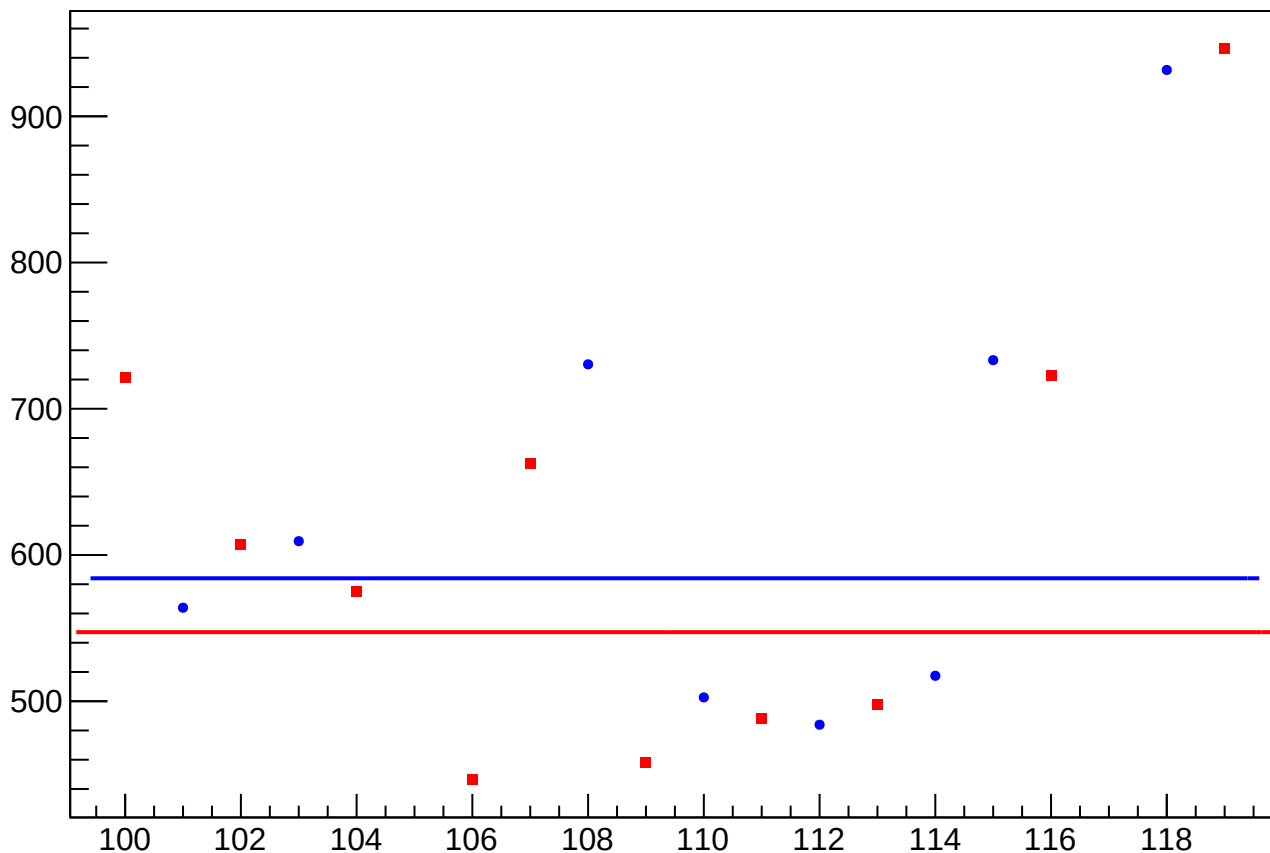
Right: -386.414+/-211.285 χ^2/NDF : 20.6/17

In: -138.837+/-326.725 χ^2/NDF : 9.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -386.414+/-211.285 χ^2/NDF : 20.6/17

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.073+/-0.231 χ^2/NDF : 263715.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 547.244+/-0.196 χ^2/NDF : 373871.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

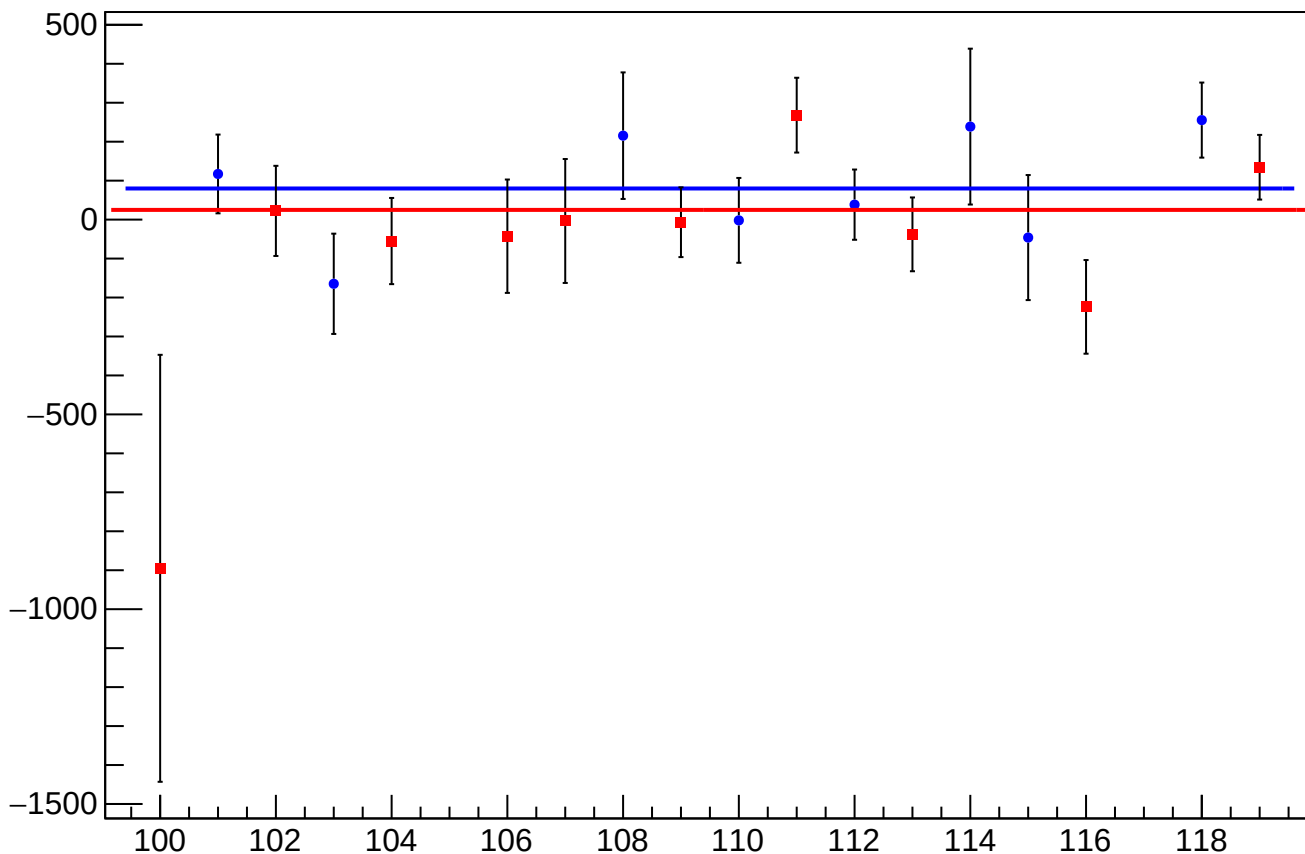
Right: 562.645+/-0.149 χ^2/NDF : 652371.6/17

In: 584.073+/-0.231 χ^2/NDF :263715.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 562.645+/-0.149 χ^2/NDF : 652371.6/17

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 79.880 $\pm$ 41.700 χ^2 /NDF: 9.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 24.915 $\pm$ 35.232 χ^2 /NDF: 16.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

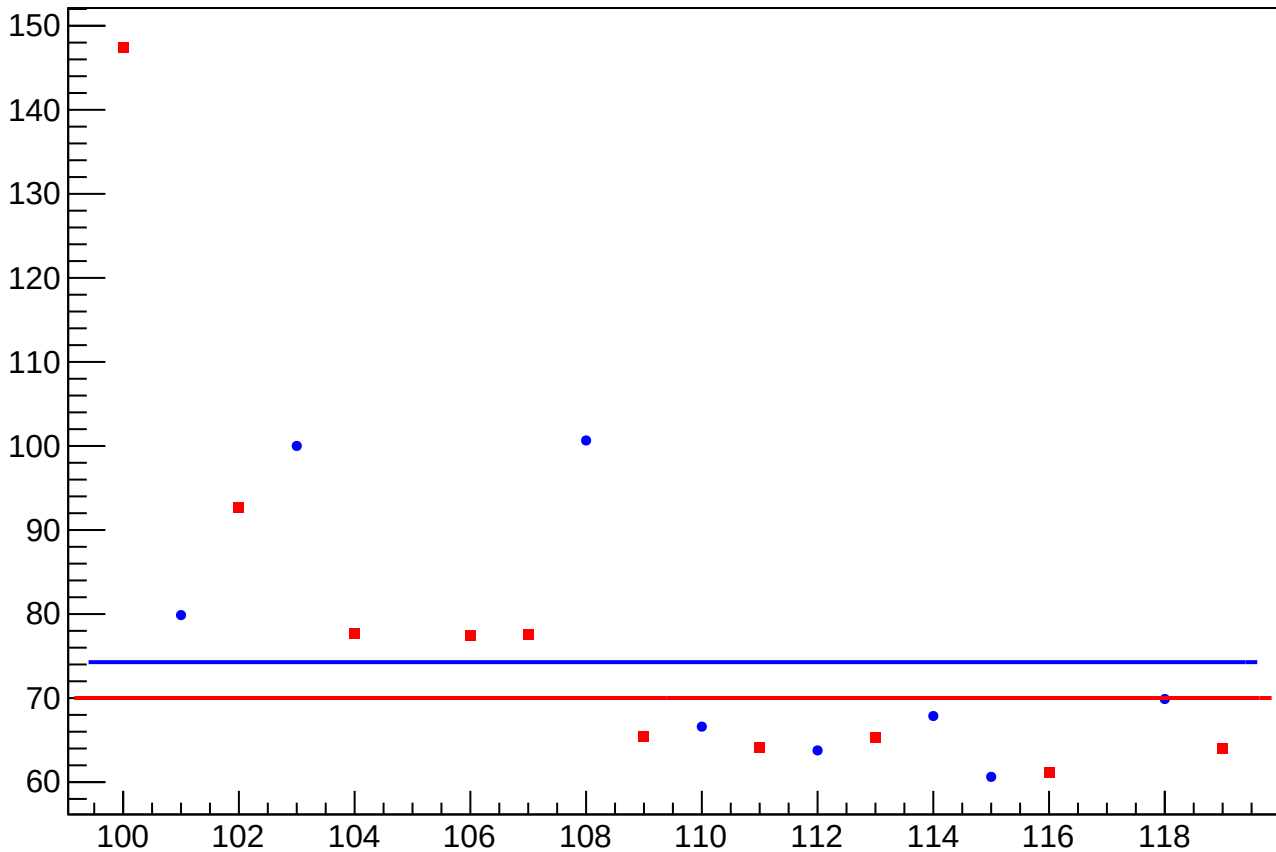
Right: 47.809 $\pm$ 26.912 χ^2 /NDF: 27.4/17

In: 79.880 $\pm$ 41.700 χ^2 /NDF:9.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.809 $\pm$ 26.912 χ^2 /NDF: 27.4/17

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 74.275+/-0.029 χ^2/NDF : 196583.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.011+/-0.025 χ^2/NDF : 175182.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

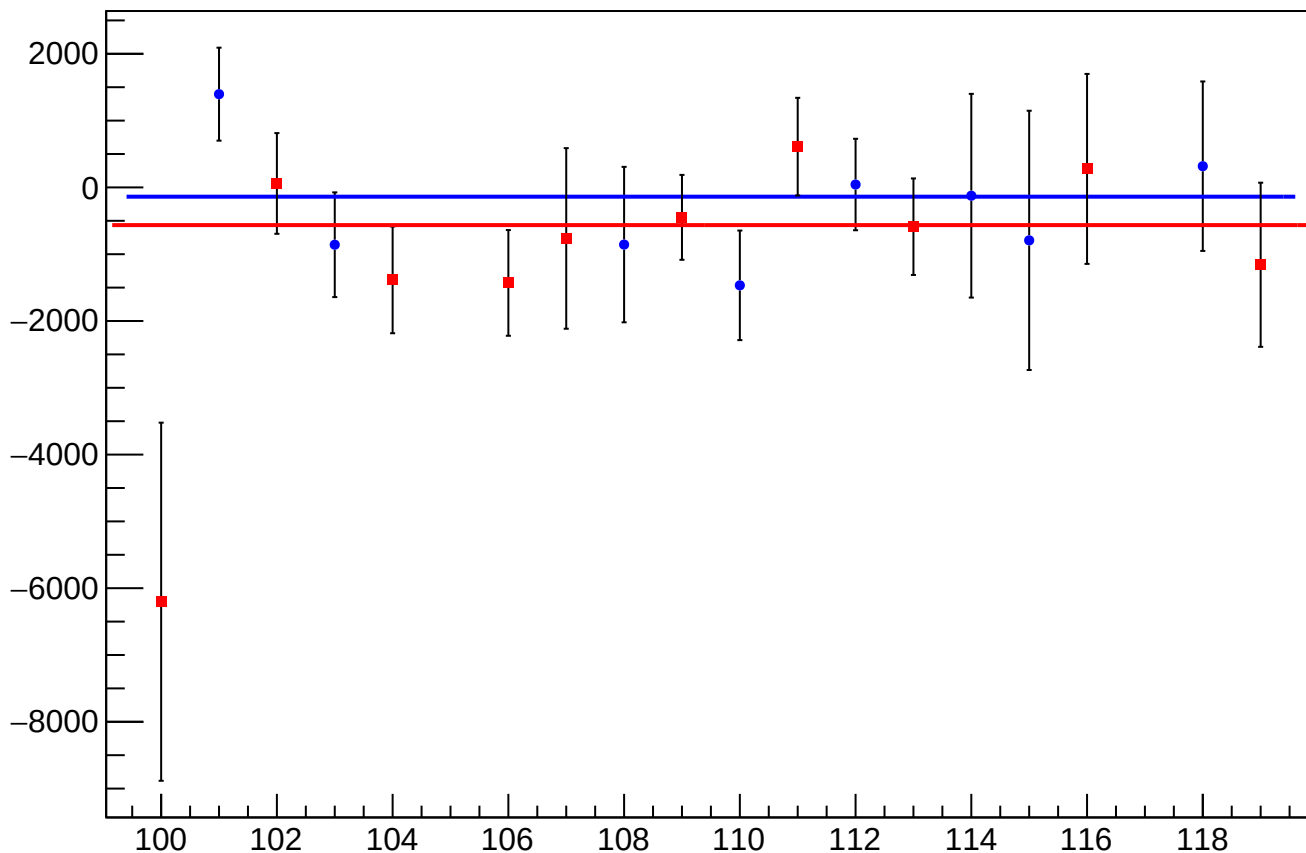
Right: 71.787+/-0.019 χ^2/NDF : 383971.6/17

In: 74.275+/-0.029 χ^2/NDF : 196583.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.787+/-0.019 χ^2/NDF : 383971.6/17

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -138.837+/-326.725 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -564.365+/-276.999 χ^2/NDF : 10.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

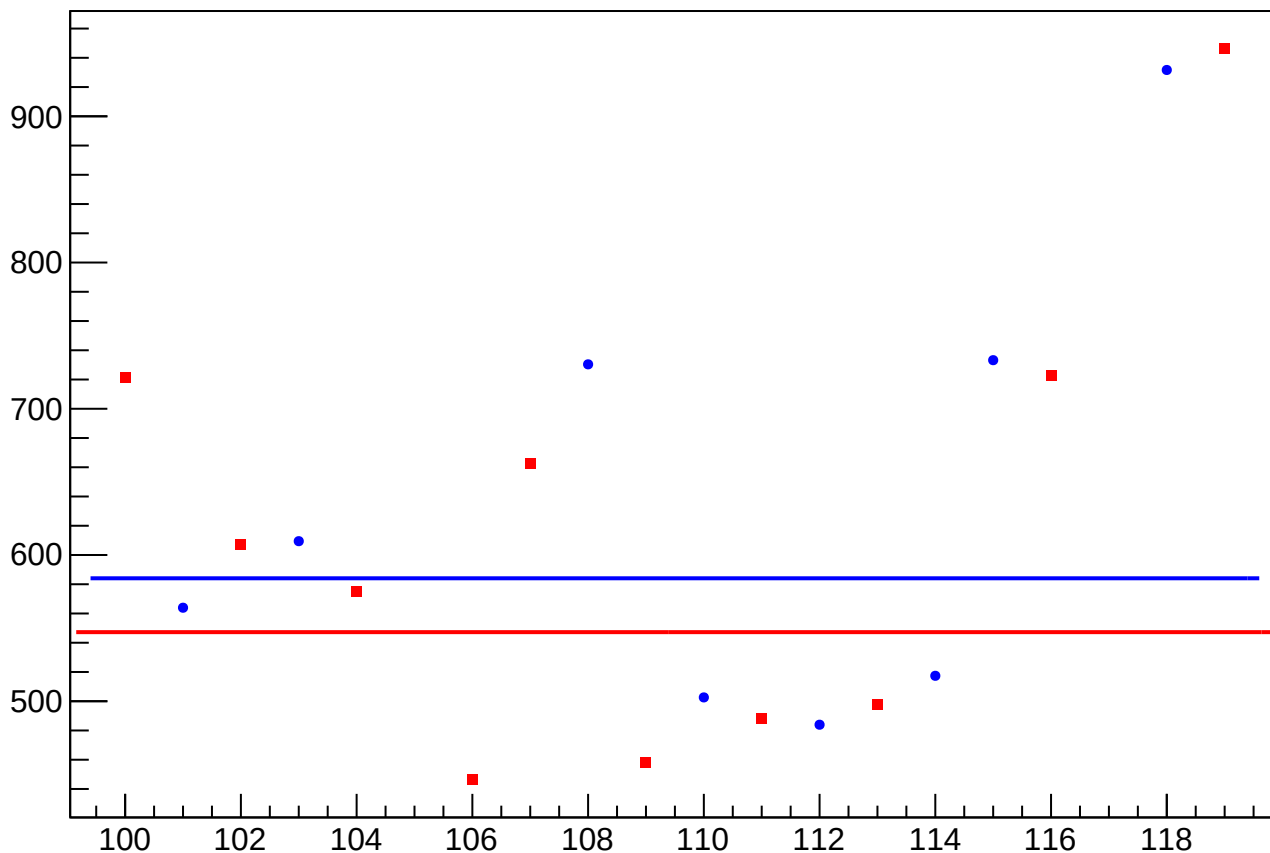
Right: -386.413+/-211.285 χ^2/NDF : 20.6/17

In: -138.837+/-326.725 χ^2/NDF :9.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -386.413+/-211.285 χ^2/NDF : 20.6/17

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 584.072+/-0.231 χ^2/NDF : 263716.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 547.244+/-0.196 χ^2/NDF : 373872.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

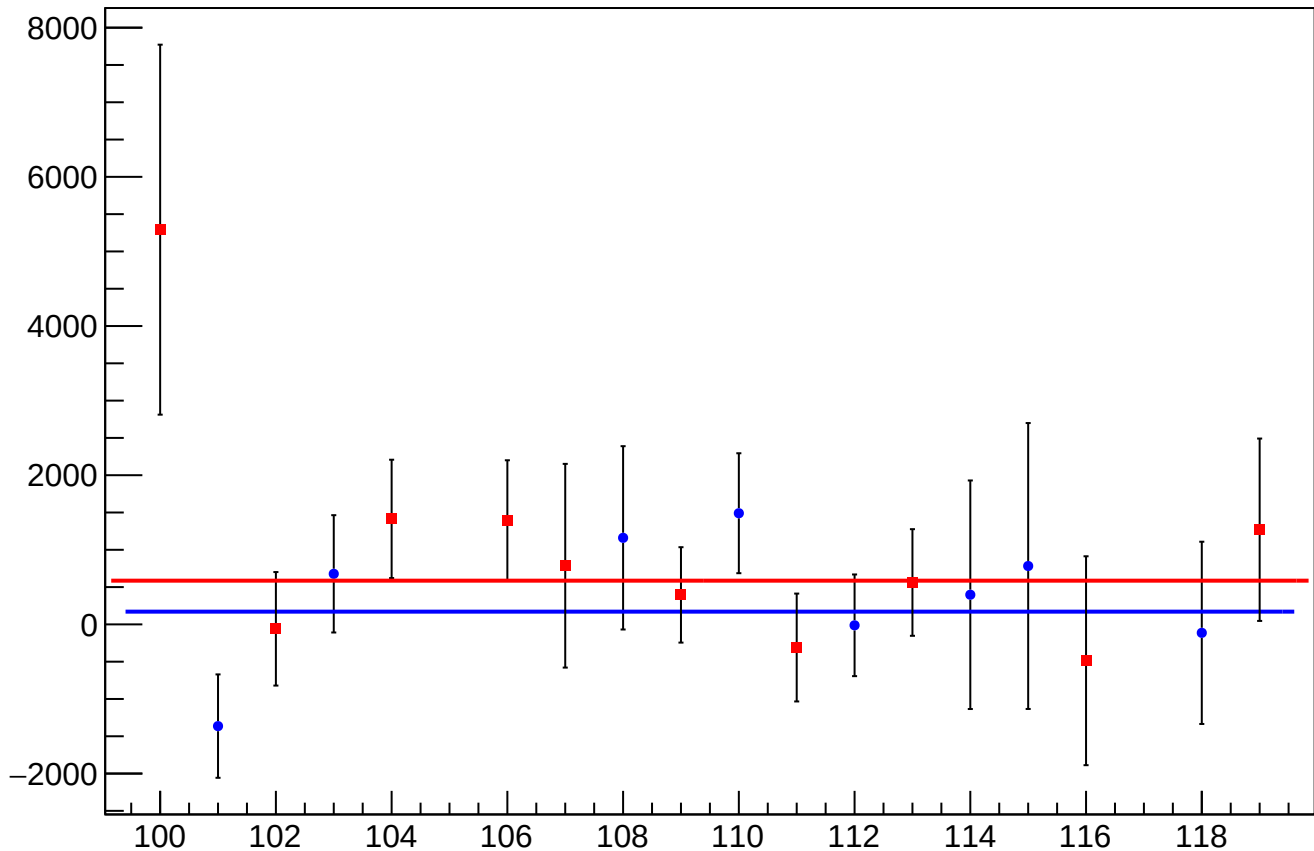
Right: 562.645+/-0.149 χ^2/NDF : 652374.6/17

In: 584.072+/-0.231 χ^2/NDF :263716.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 562.645+/-0.149 χ^2/NDF : 652374.6/17

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 170.819+/-325.672 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 586.086+/-276.836 χ^2/NDF : 9.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

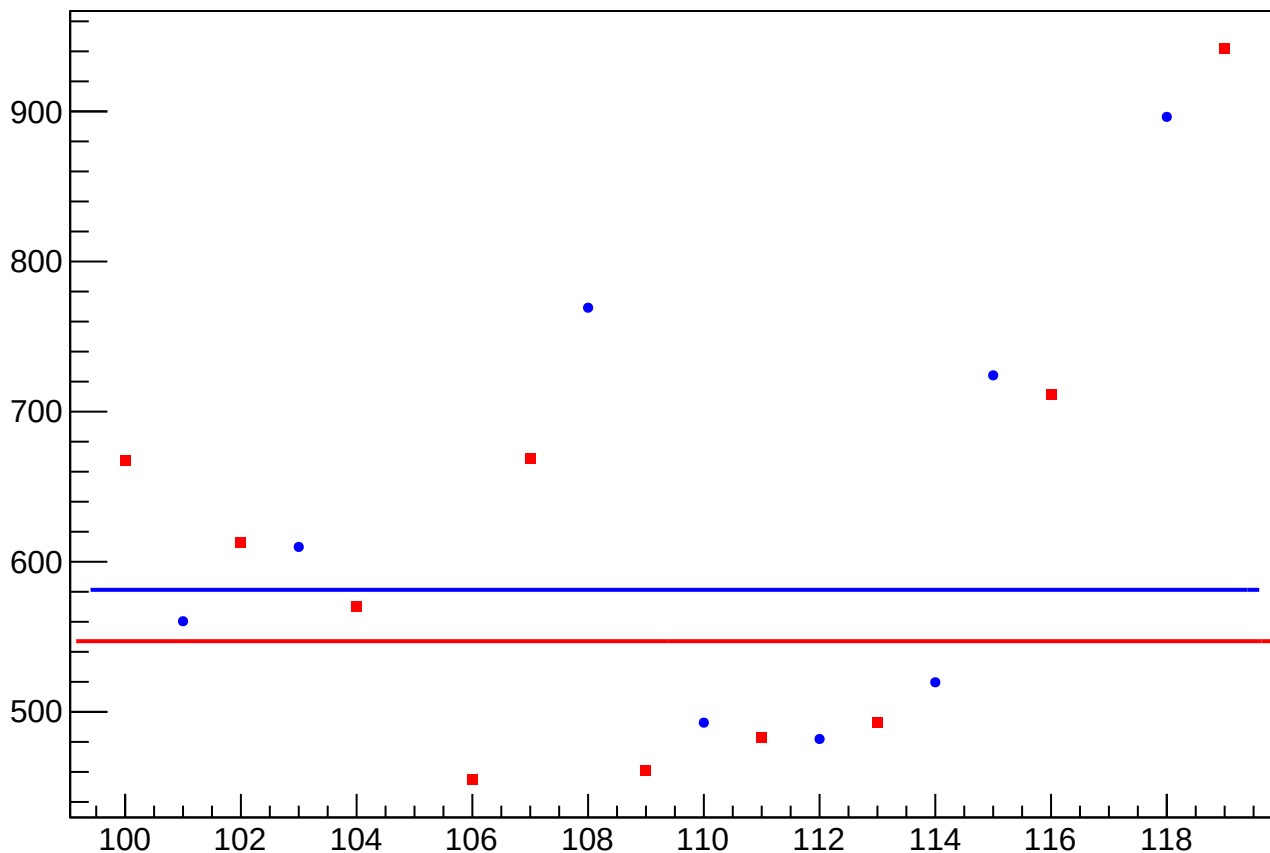
Right: 411.892+/-210.927 χ^2/NDF : 18.8/17

In: 170.819+/-325.672 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.892+/-210.927 χ^2/NDF : 18.8/17

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 581.313+/-0.230 χ^2/NDF : 265320.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 547.098+/-0.196 χ^2/NDF : 363287.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

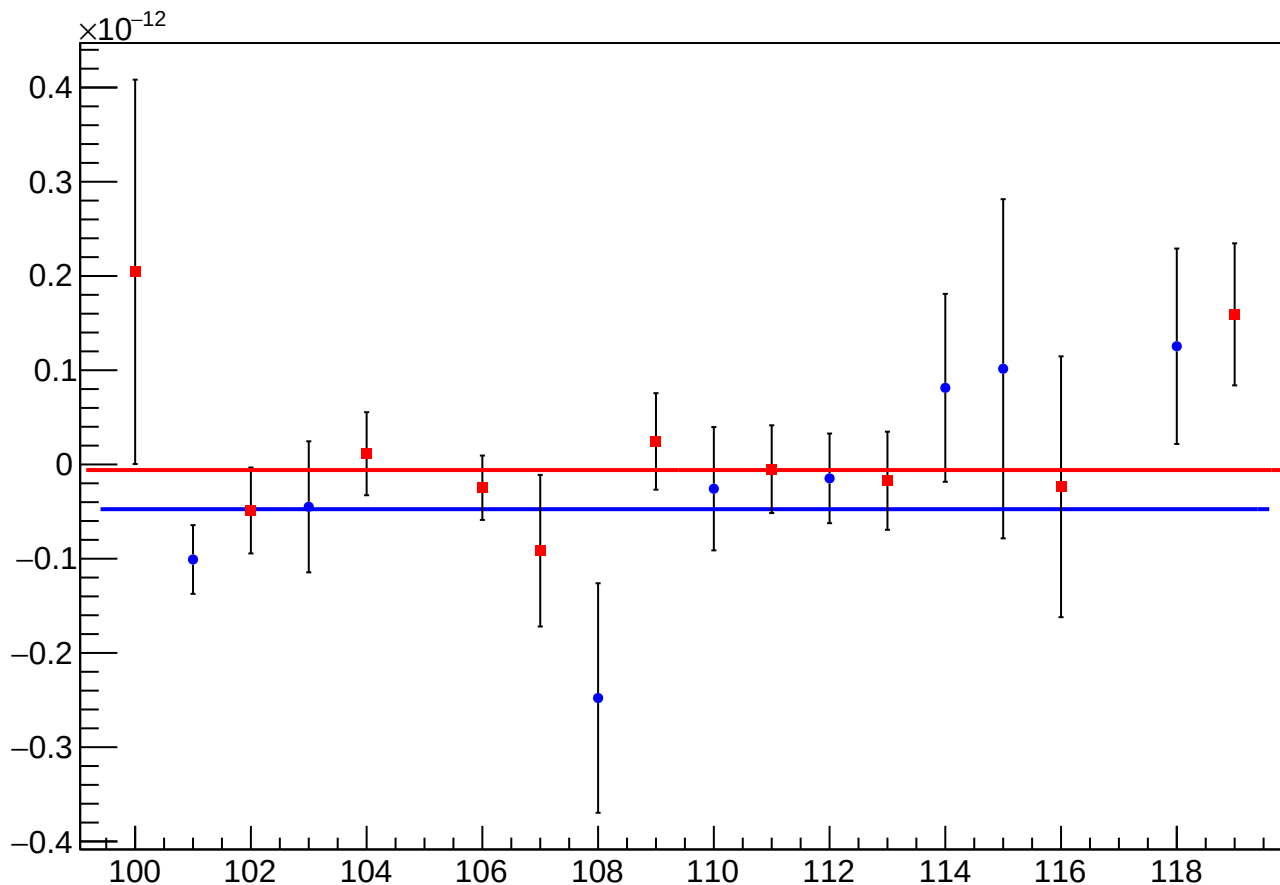
Right: 561.450+/-0.149 χ^2/NDF : 641422.7/17

In: 581.313+/-0.230 χ^2/NDF : 265320.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.450+/-0.149 χ^2/NDF : 641422.7/17

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

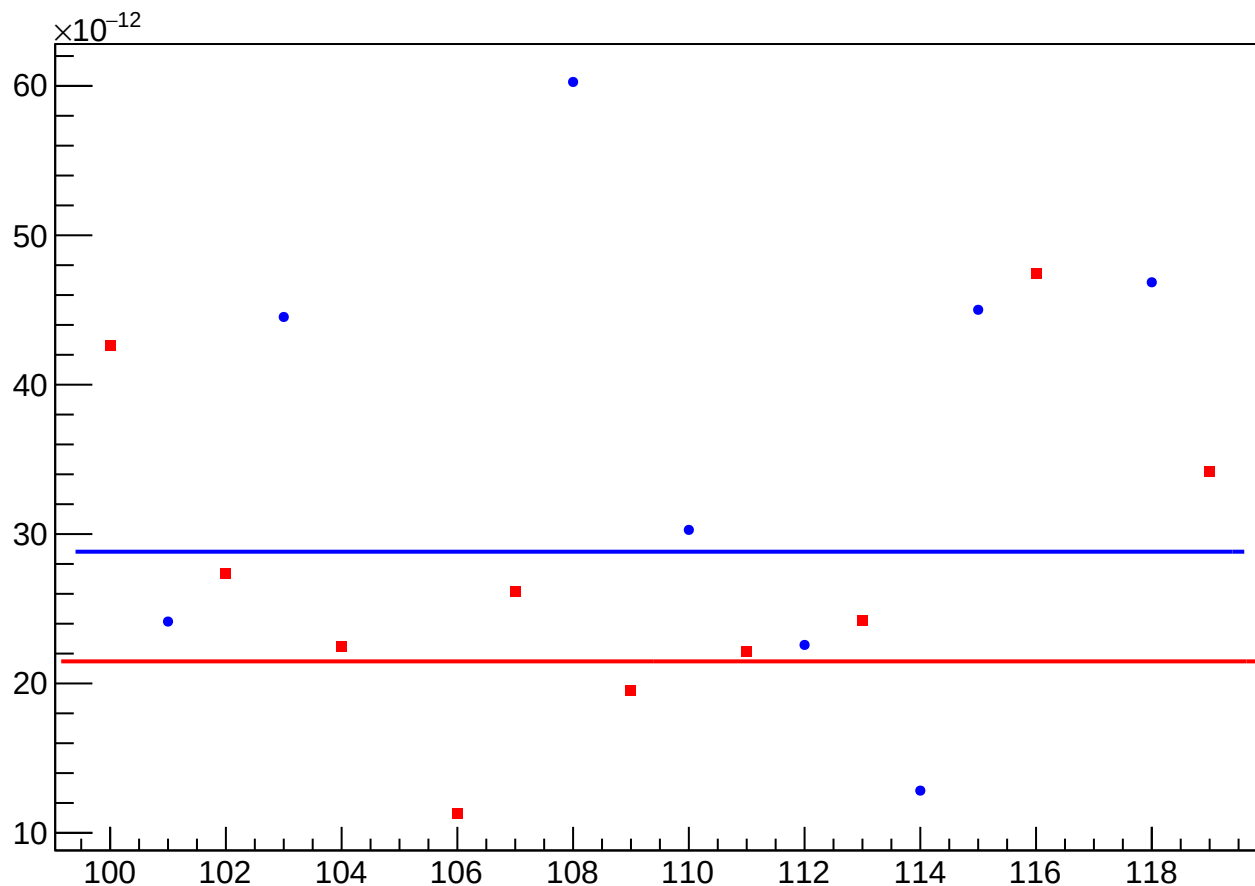
Right: -0.000+/-0.000 χ^2/NDF : 21.5/17

In: -0.000+/-0.000 χ^2/NDF : 10.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.5/17

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 432040.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 376572.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

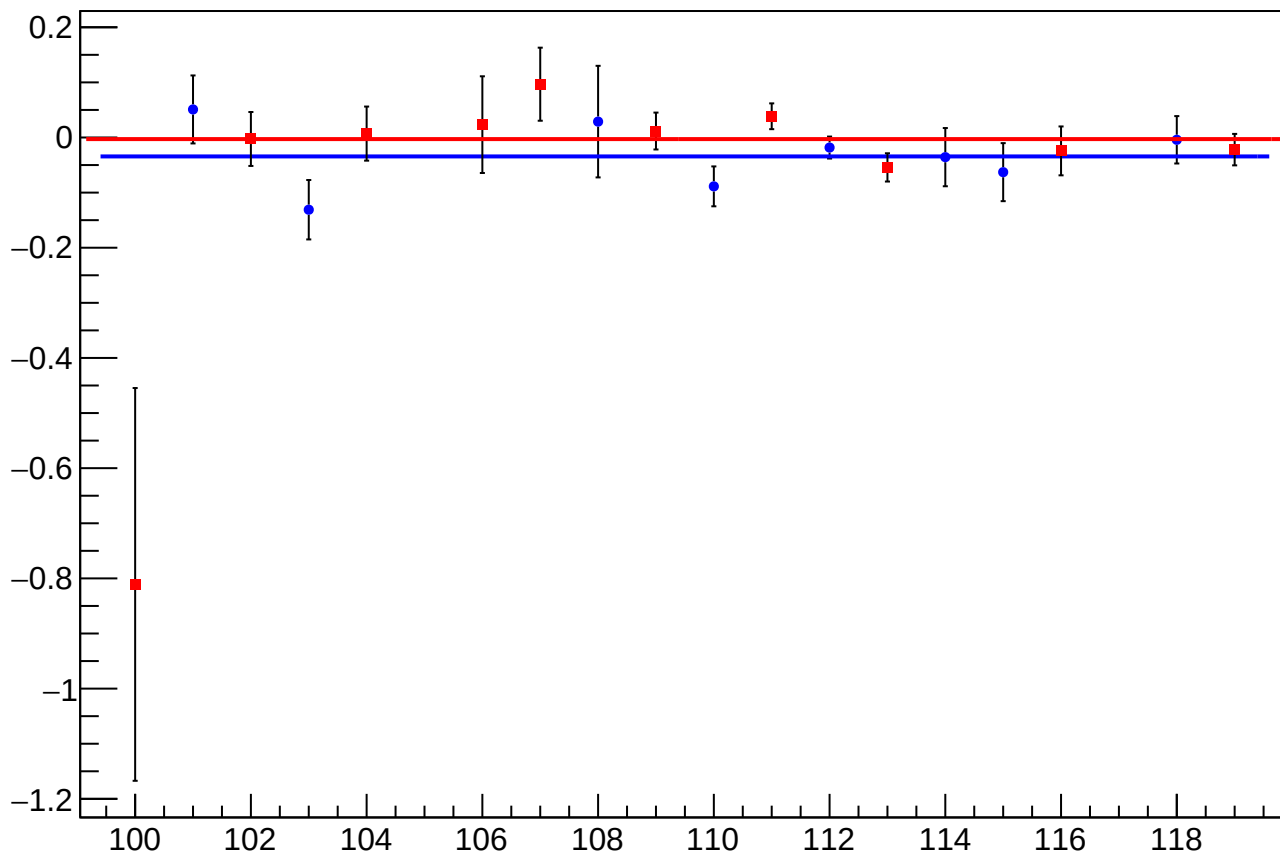
Right: 0.000+/-0.000 χ^2/NDF : 942223.6/17

In: 0.000+/-0.000 χ^2/NDF : 432040.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 942223.6/17

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.014 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.012 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

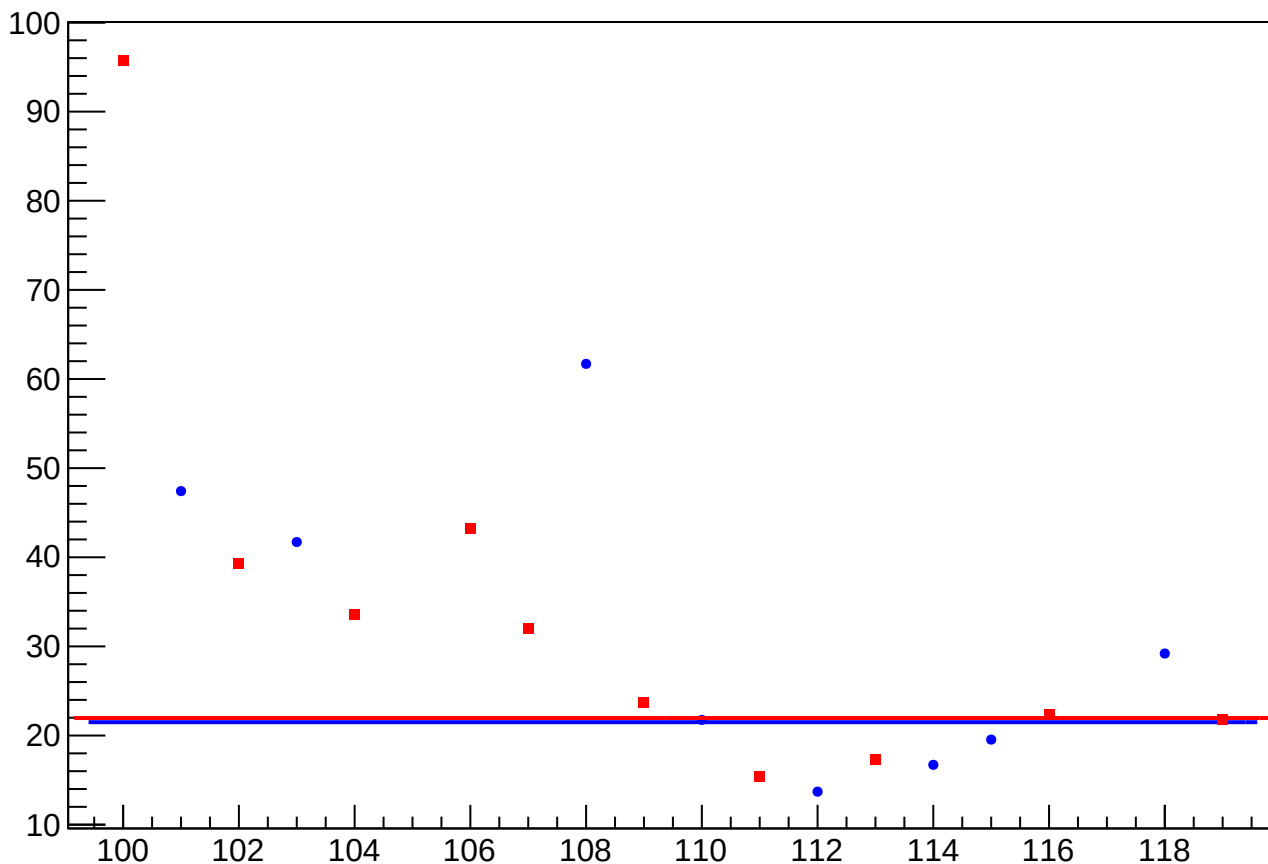
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

In: -0.034 $\pm$ 0.014 χ^2 /NDF:9.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.498+/-0.010 χ^2/NDF : 1339566.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841553.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

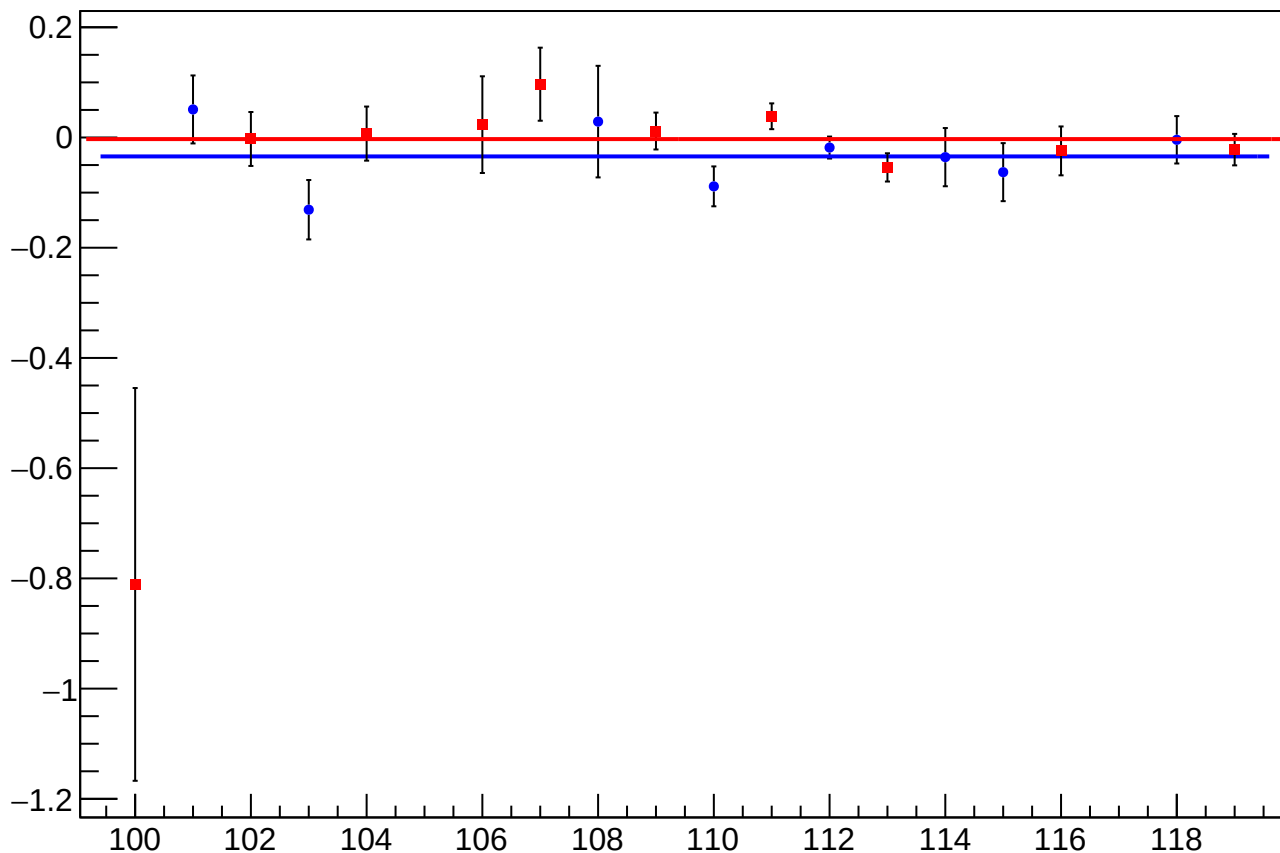
Right: 21.768+/-0.006 χ^2/NDF : 2182449.6/17

In: 21.498+/-0.010 χ^2/NDF : 1339566.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.768+/-0.006 χ^2/NDF : 2182449.6/17

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.014 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.012 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

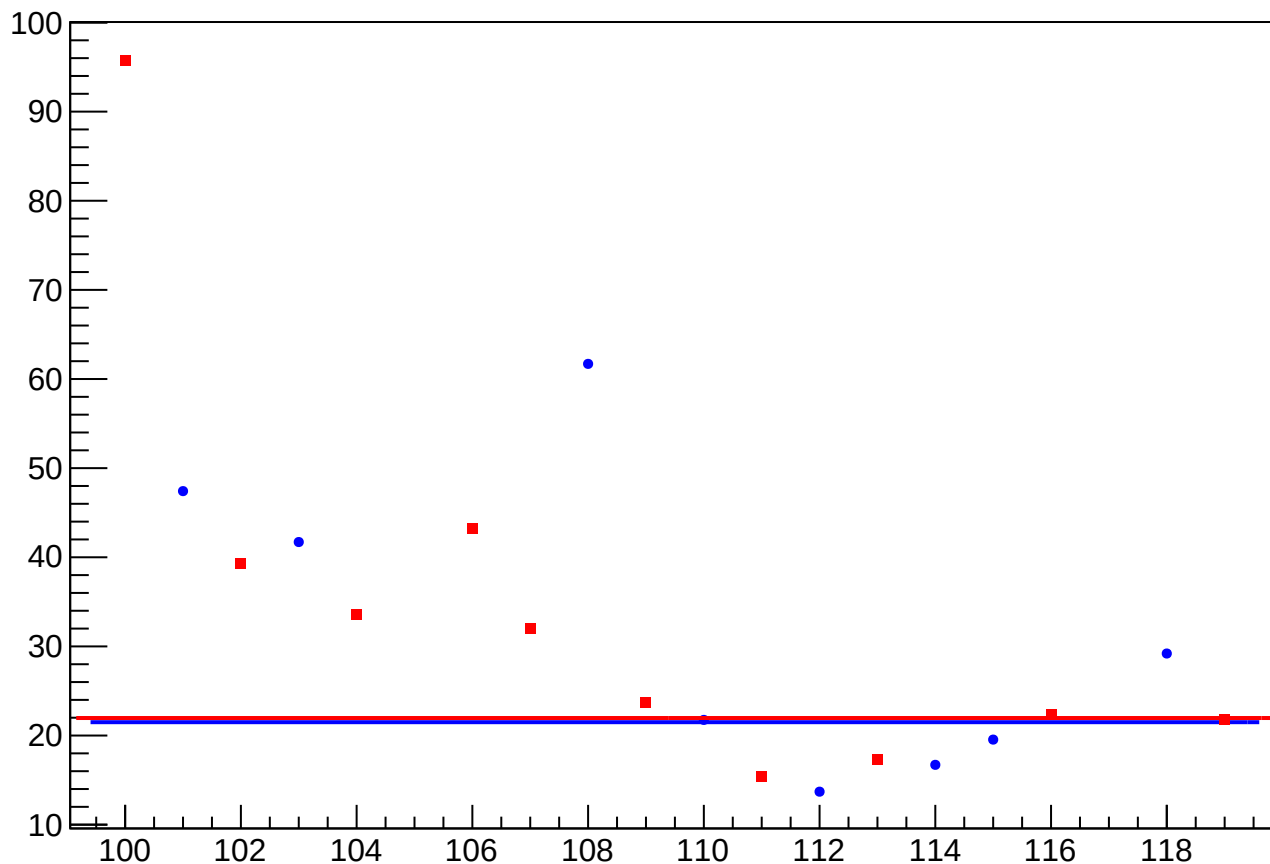
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

In: -0.034 $\pm$ 0.014 χ^2 /NDF:9.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.498 $\pm$ 0.010 χ^2 /NDF: 1339566.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.966 $\pm$ 0.008 χ^2 /NDF: 841553.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

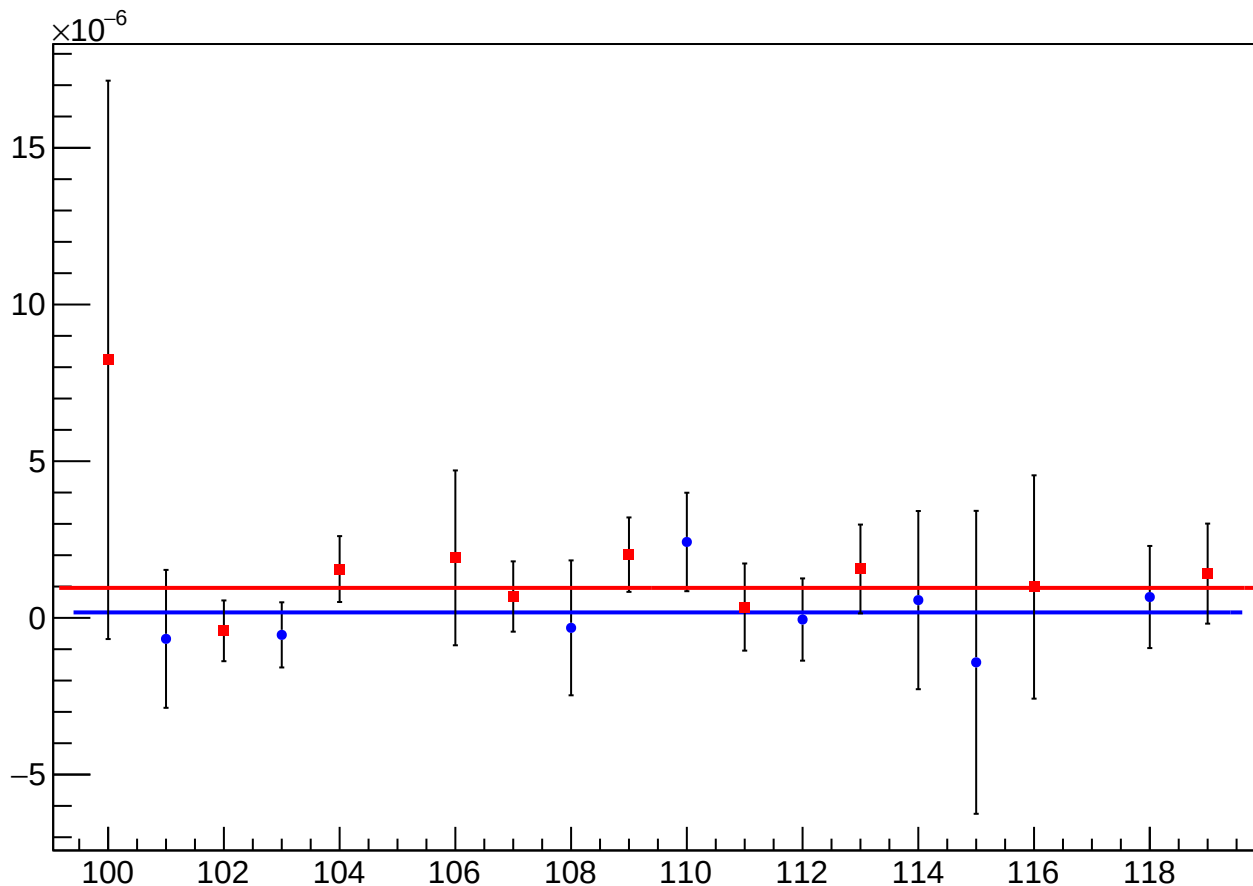
Right: 21.768 $\pm$ 0.006 χ^2 /NDF: 2182449.6/17

In: 21.498 $\pm$ 0.010 χ^2 /NDF:1339566.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.768 $\pm$ 0.006 χ^2 /NDF: 2182449.6/17

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

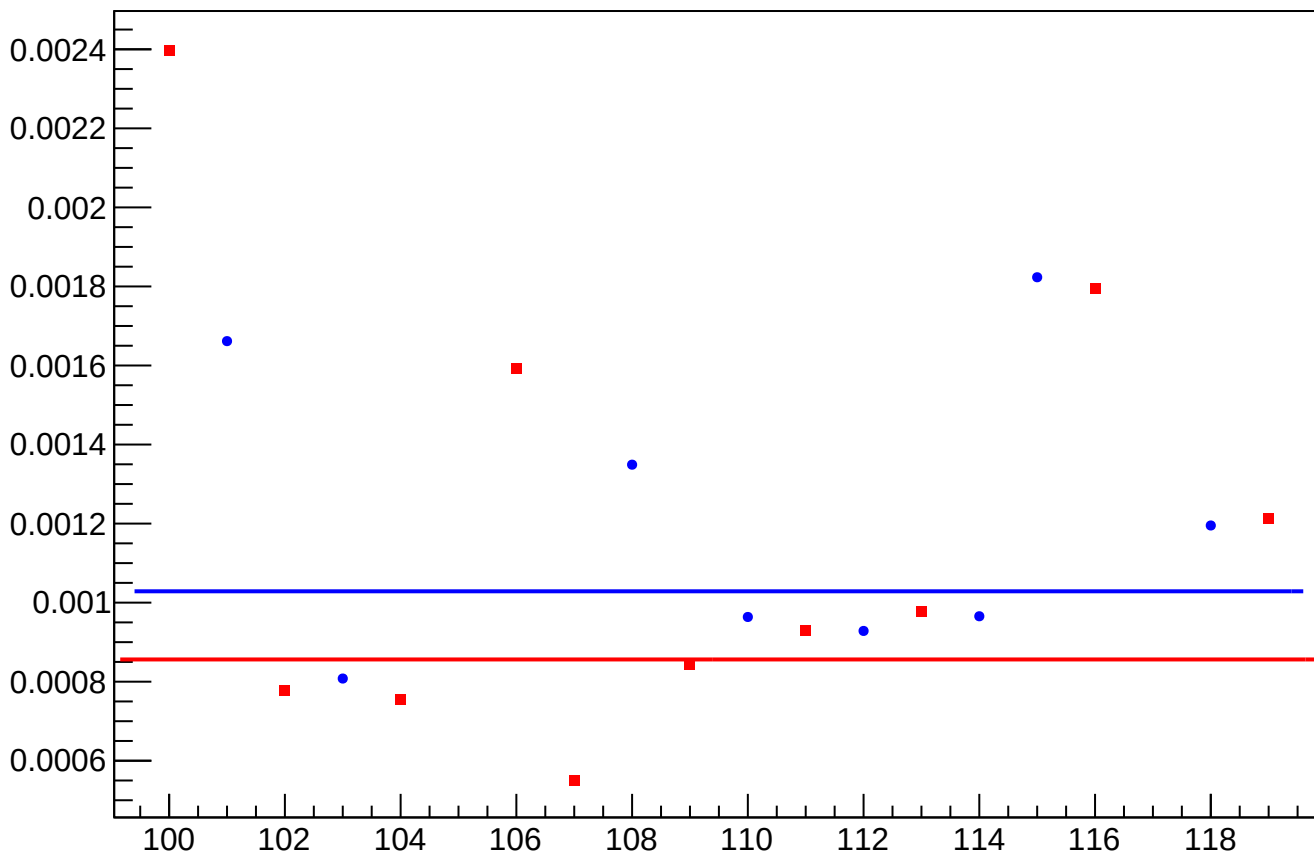
Right: 0.000+/-0.000 χ^2/NDF : 8.5/17

In: 0.000+/-0.000 χ^2/NDF : 3.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.5/17

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 390931.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 638196.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

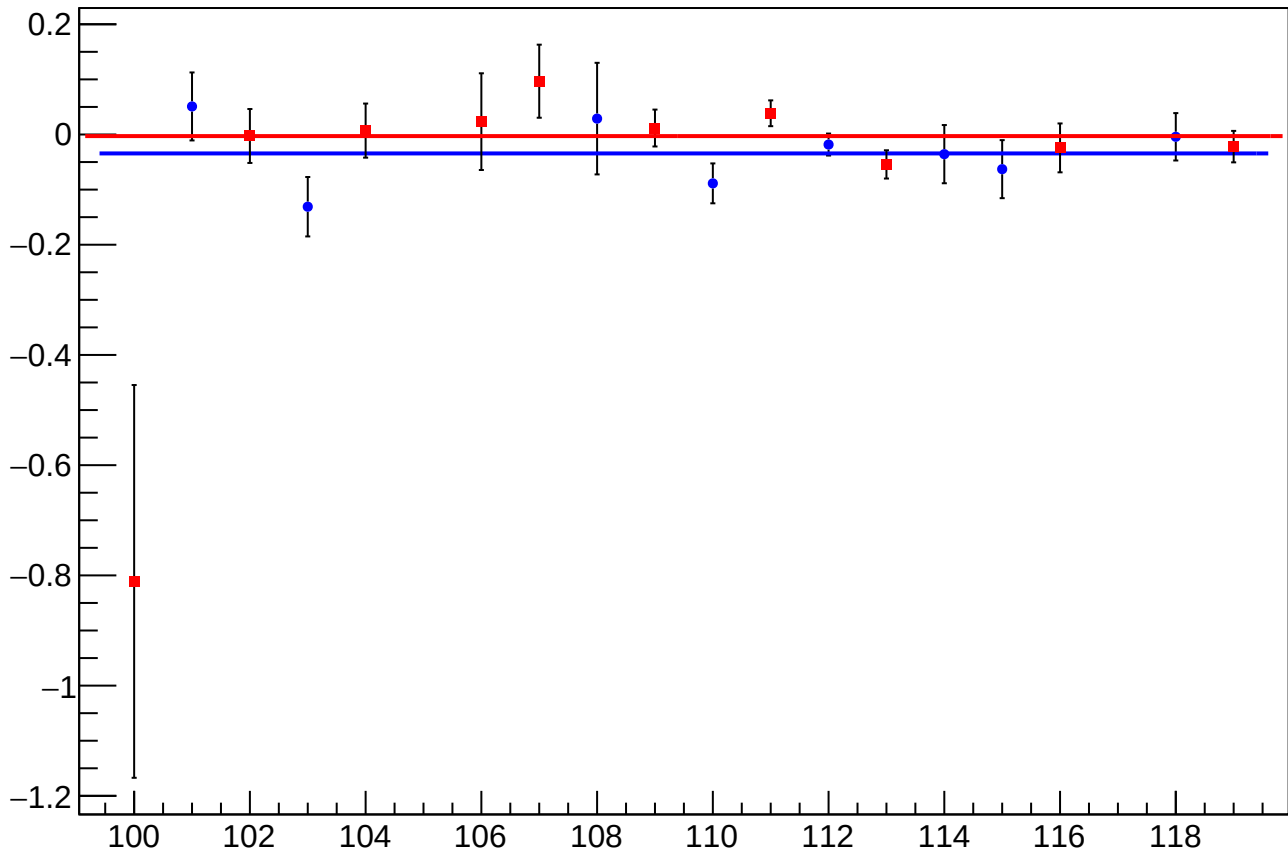
Right: 0.001+/-0.000 χ^2/NDF : 1138506.3/17

In: 0.001+/-0.000 χ^2/NDF :390931.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1138506.3/17

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034 $\pm$ 0.014 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.012 χ^2 /NDF: 15.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

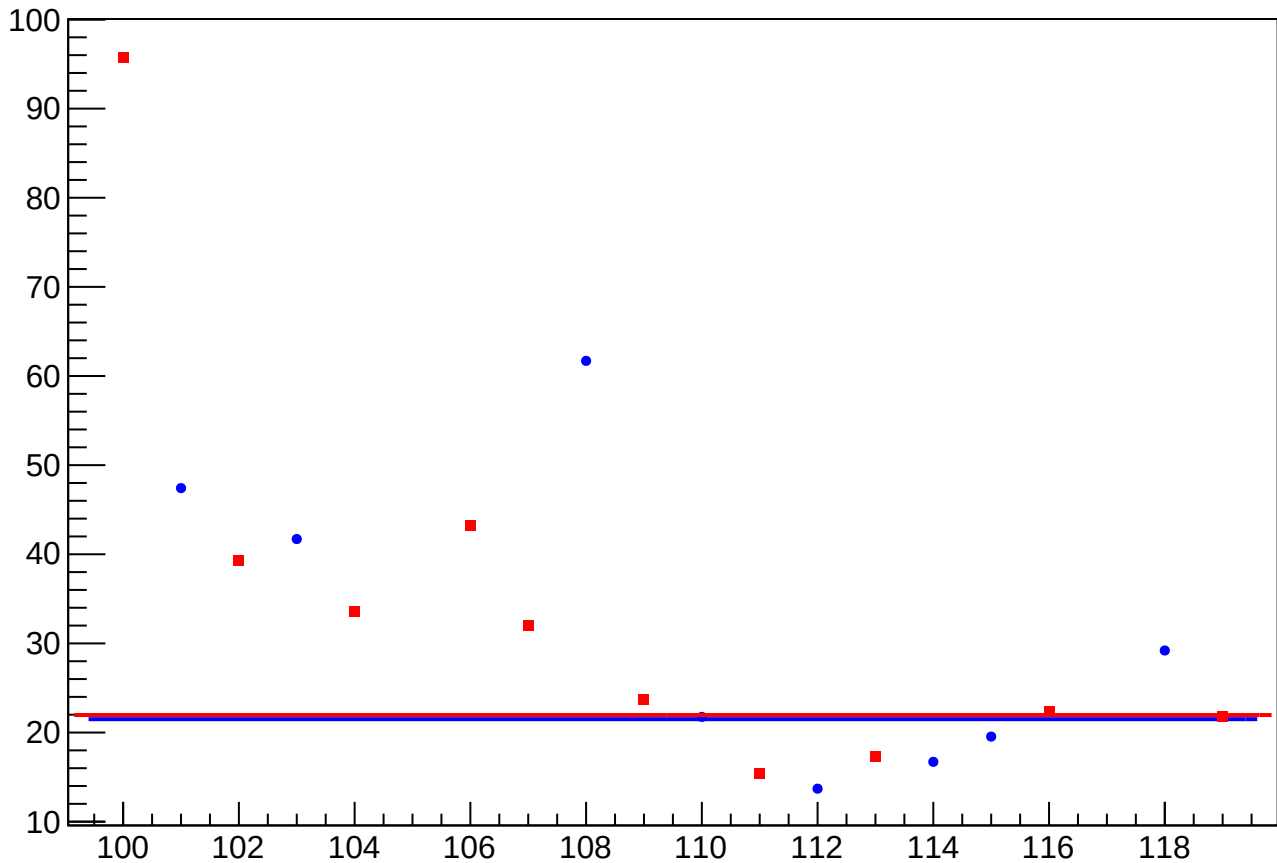
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

In: -0.034 $\pm$ 0.014 χ^2 /NDF:9.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 27.8/17

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.498 $\pm$ 0.010 χ^2 /NDF: 1339603.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.966 $\pm$ 0.008 χ^2 /NDF: 841602.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

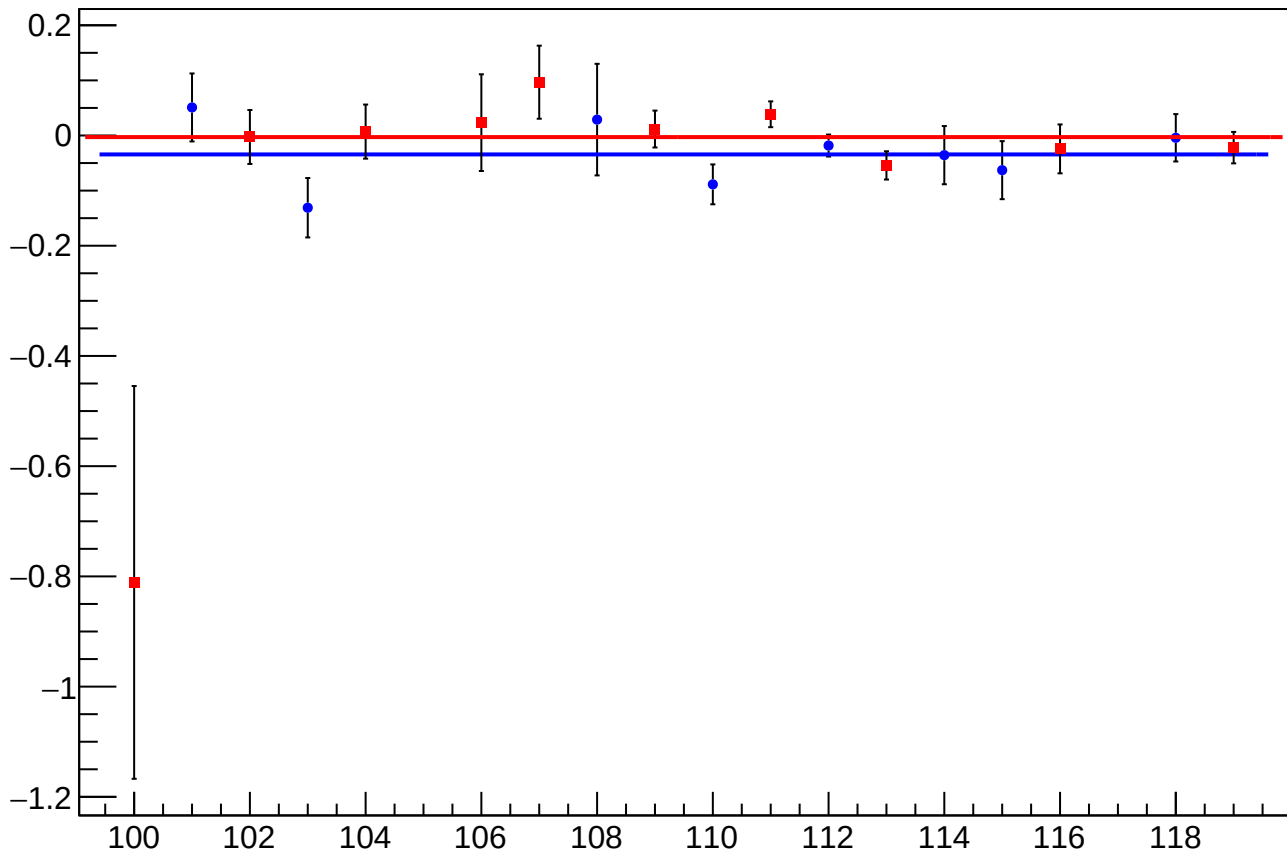
Right: 21.768 $\pm$ 0.006 χ^2 /NDF: 2182535.2/17

In: 21.498 $\pm$ 0.010 χ^2 /NDF:1339603.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.768 $\pm$ 0.006 χ^2 /NDF: 2182535.2/17

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.034+/-0.014 χ^2/NDF : 9.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.003+/-0.012 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

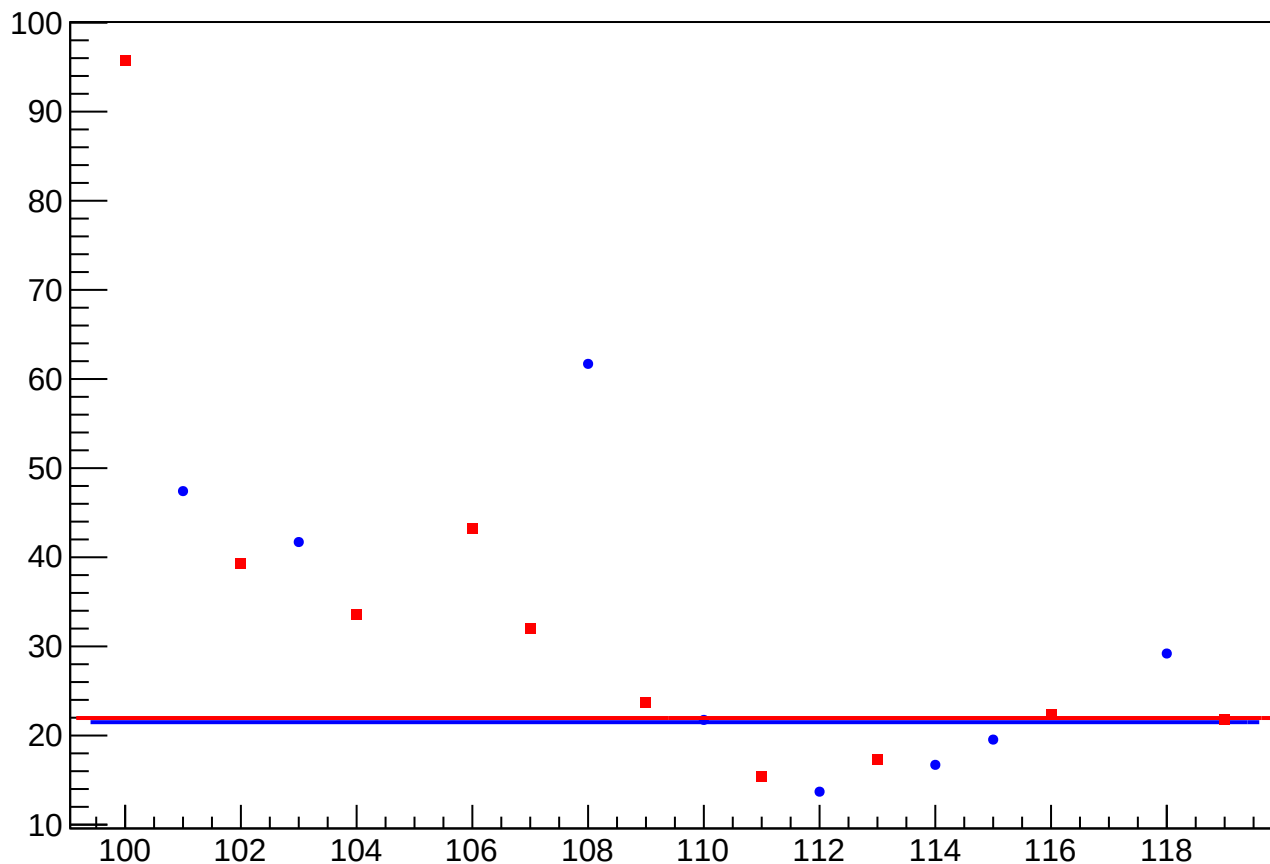
Right: -0.016+/-0.009 χ^2/NDF : 27.8/17

In: -0.034+/-0.014 χ^2/NDF : 9.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.009 χ^2/NDF : 27.8/17

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.498+/-0.010 χ^2/NDF : 1339603.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.966+/-0.008 χ^2/NDF : 841602.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

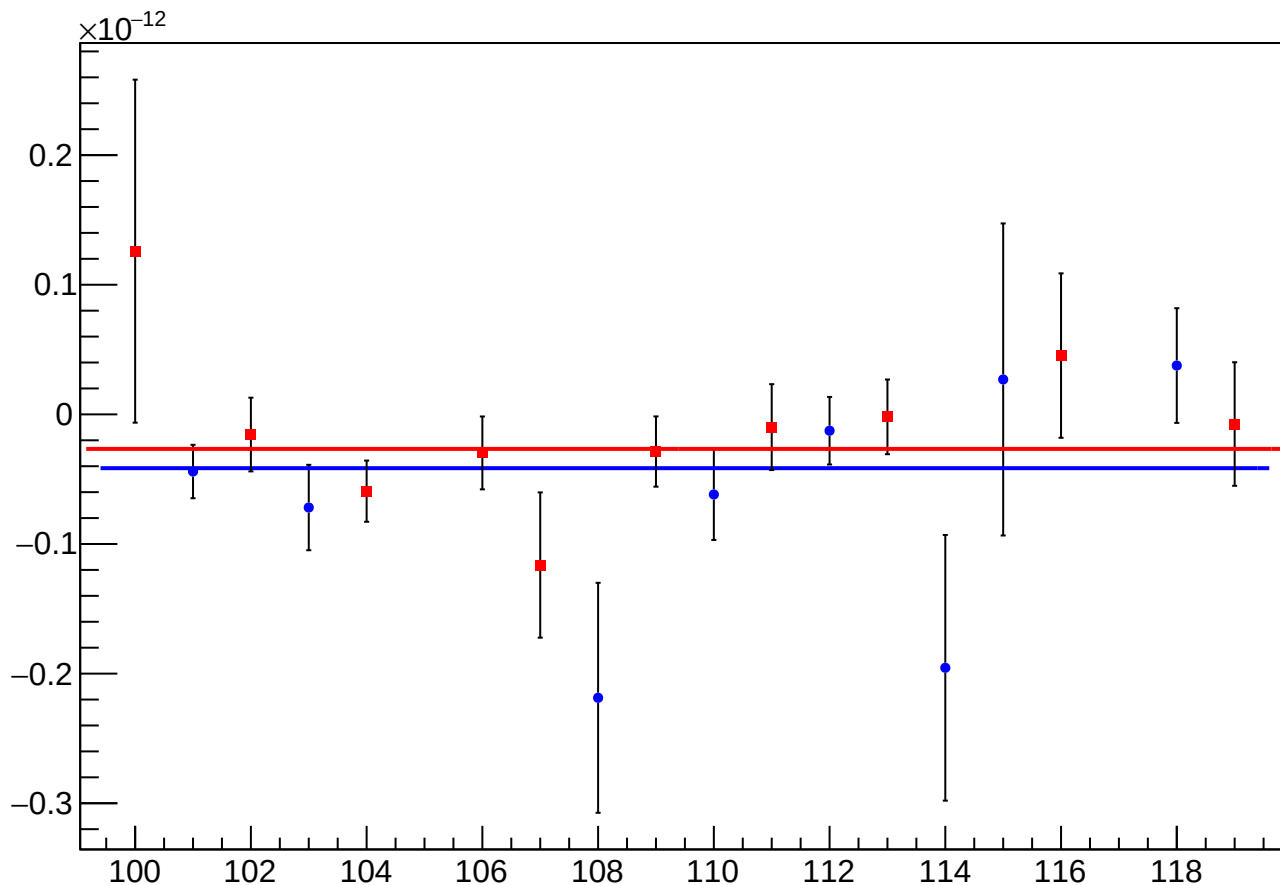
Right: 21.768+/-0.006 χ^2/NDF : 2182535.2/17

In: 21.498+/-0.010 χ^2/NDF : 1339603.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.768+/-0.006 χ^2/NDF : 2182535.2/17

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

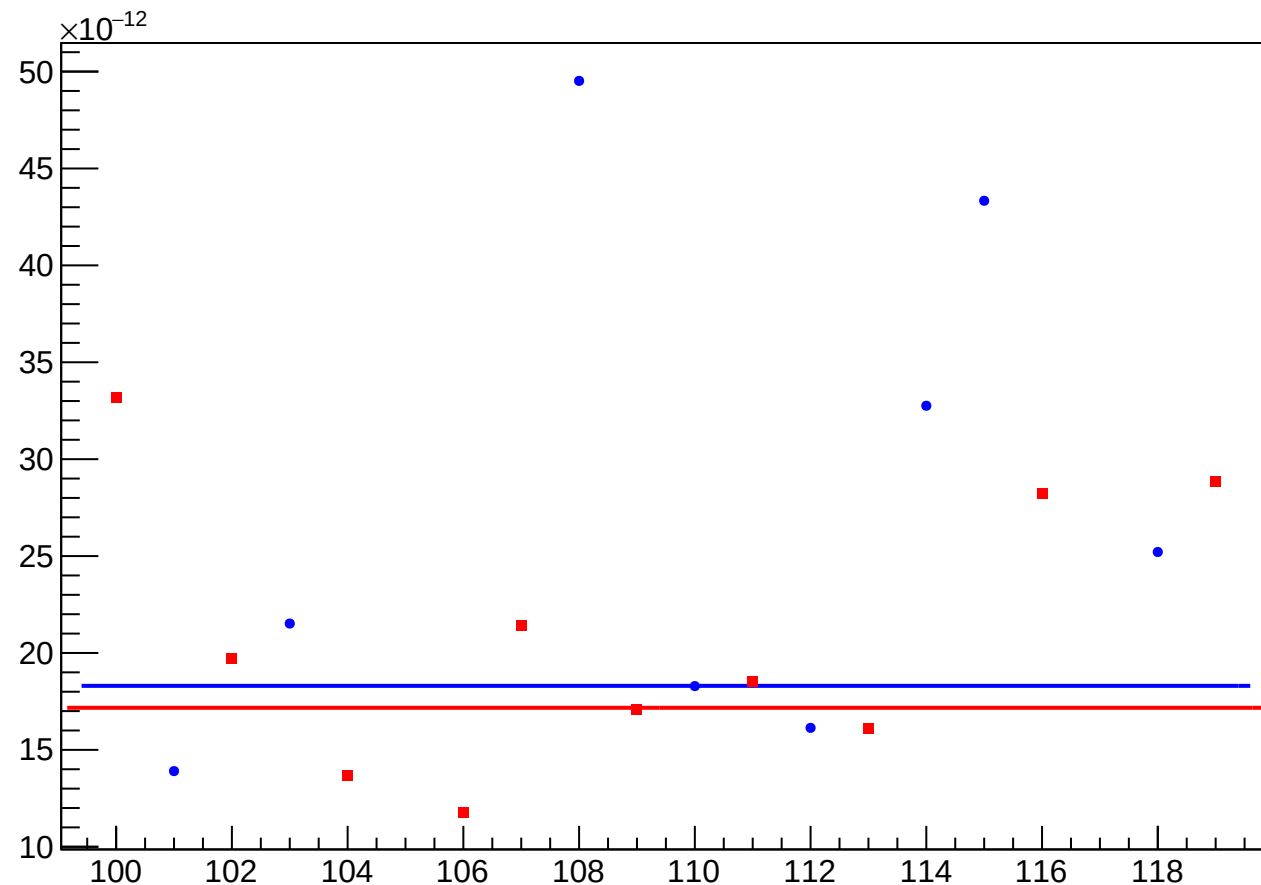
Right: -0.000+/-0.000 χ^2/NDF : 21.4/17

In: -0.000+/-0.000 χ^2/NDF : 12.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/17

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 546704.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 360893.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

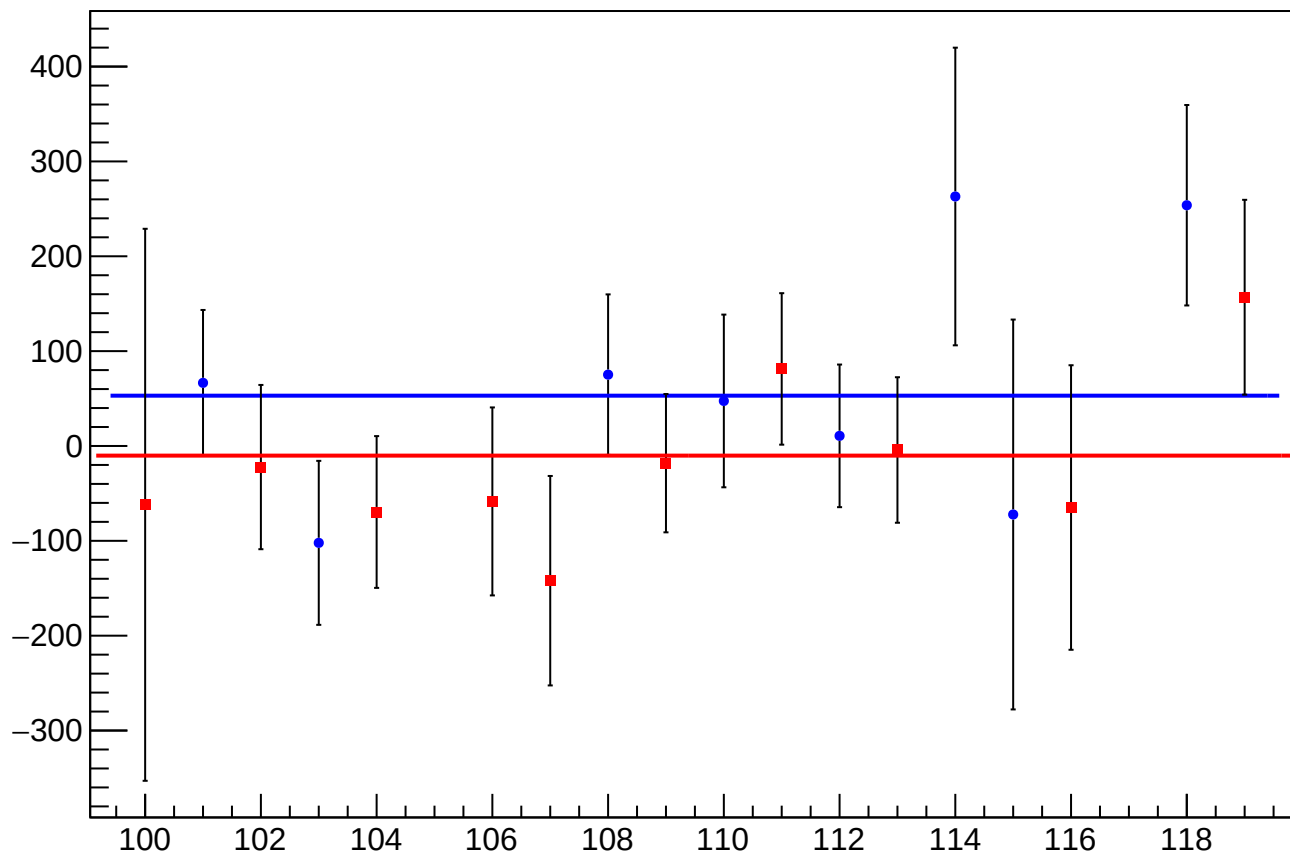
Right: 0.000+/-0.000 χ^2/NDF : 917078.0/17

In: 0.000+/-0.000 χ^2/NDF : 546704.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917078.0/17

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.034+/-33.440 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.162+/-29.625 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

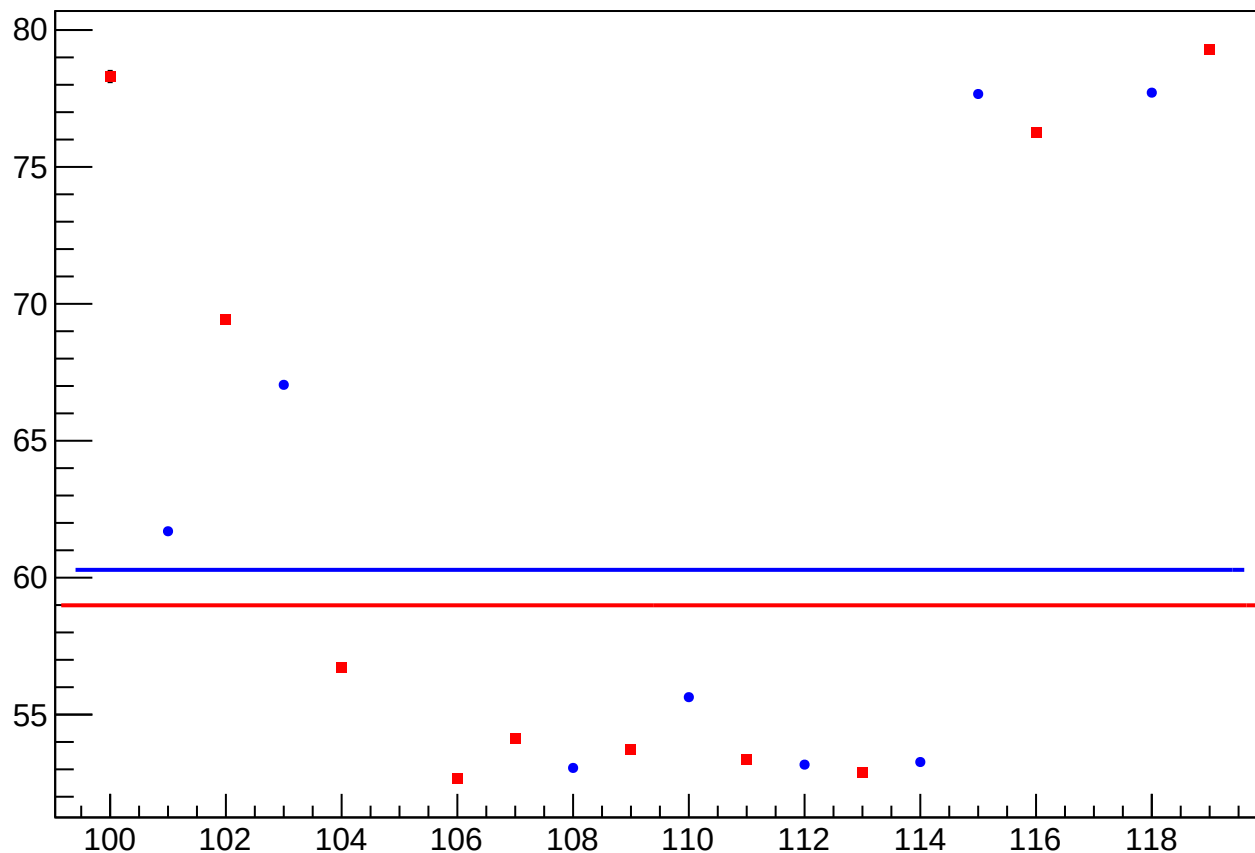
Right: 17.627+/-22.175 χ^2/NDF : 17.8/17

In: 53.034+/-33.440 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.627+/-22.175 χ^2/NDF : 17.8/17

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.286+/-0.024 χ^2/NDF : 123324.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.991+/-0.021 χ^2/NDF : 189352.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

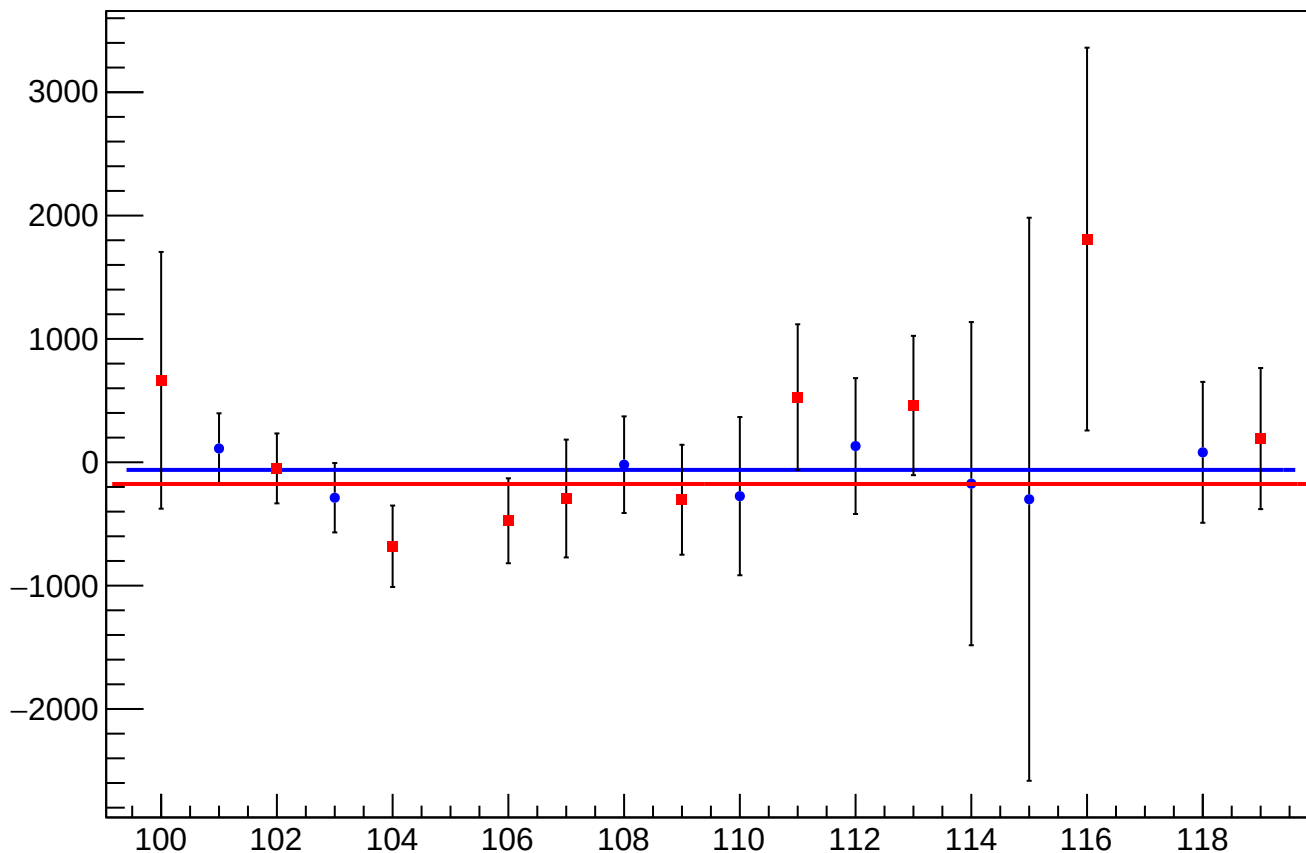
Right: 59.560+/-0.016 χ^2/NDF : 314357.3/17

In: 60.286+/-0.024 χ^2/NDF : 123324.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.560+/-0.016 χ^2/NDF : 314357.3/17

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -61.708 ± 156.136 $\chi^2/\text{NDF}: 1.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -175.896 ± 141.590 $\chi^2/\text{NDF}: 8.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

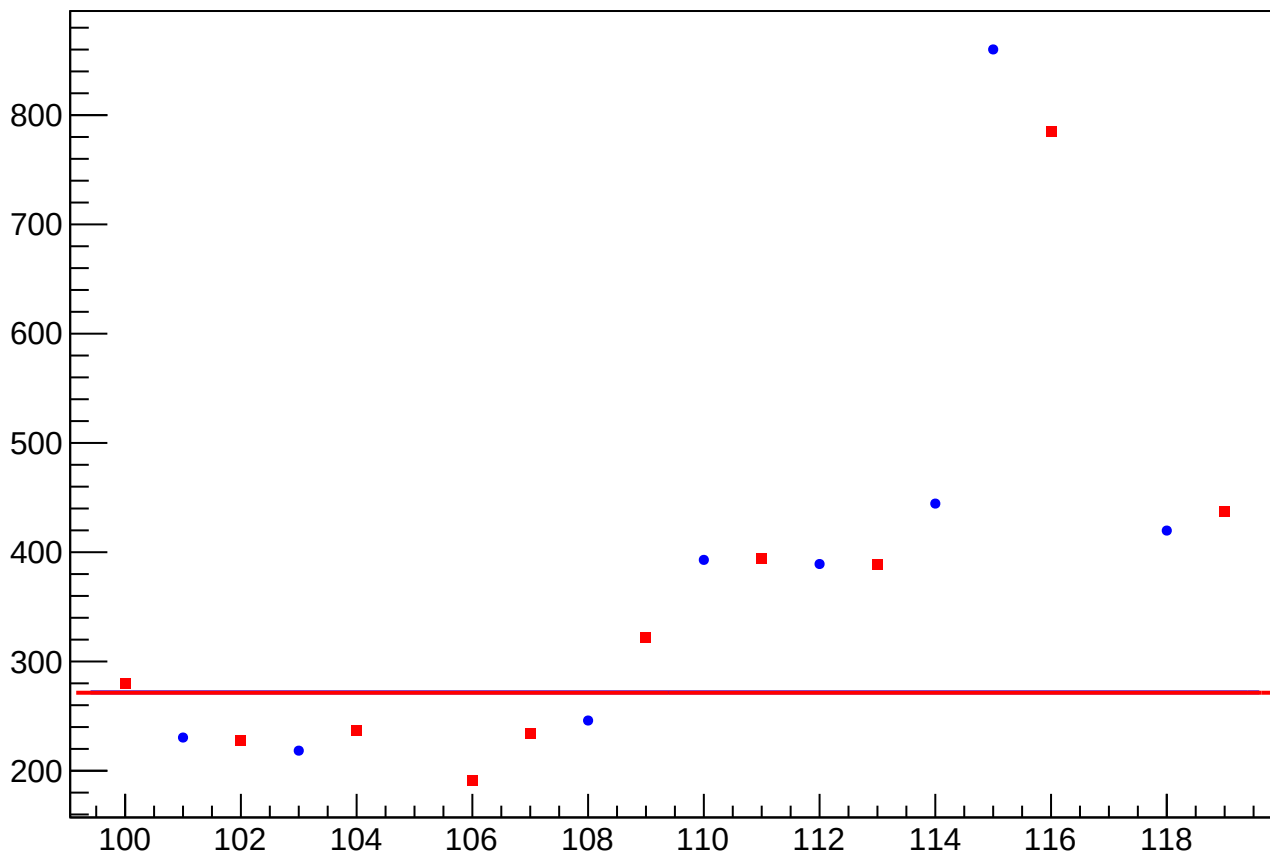
Right: -124.368 ± 104.886 $\chi^2/\text{NDF}: 10.5/17$

In: -61.708 ± 156.136 $\chi^2/\text{NDF}: 1.3/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -124.368 ± 104.886 $\chi^2/\text{NDF}: 10.5/17$

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 271.715+/-0.110 χ^2/NDF : 587143.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.406+/-0.100 χ^2/NDF : 776995.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

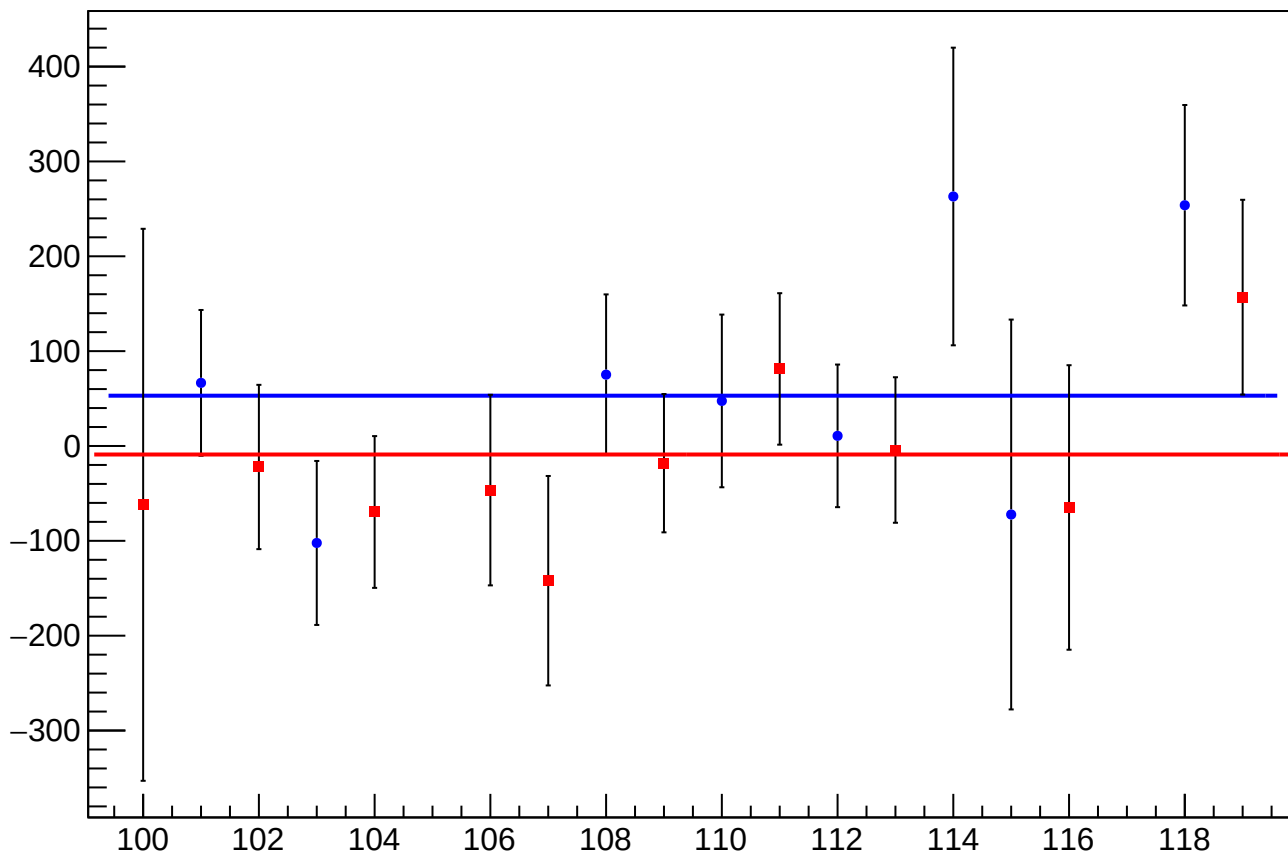
Right: 271.545+/-0.074 χ^2/NDF : 1364143.1/17

In: 271.715+/-0.110 χ^2/NDF : 587143.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.545+/-0.074 χ^2/NDF : 1364143.1/17

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.025+/-33.440 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.983+/-29.663 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

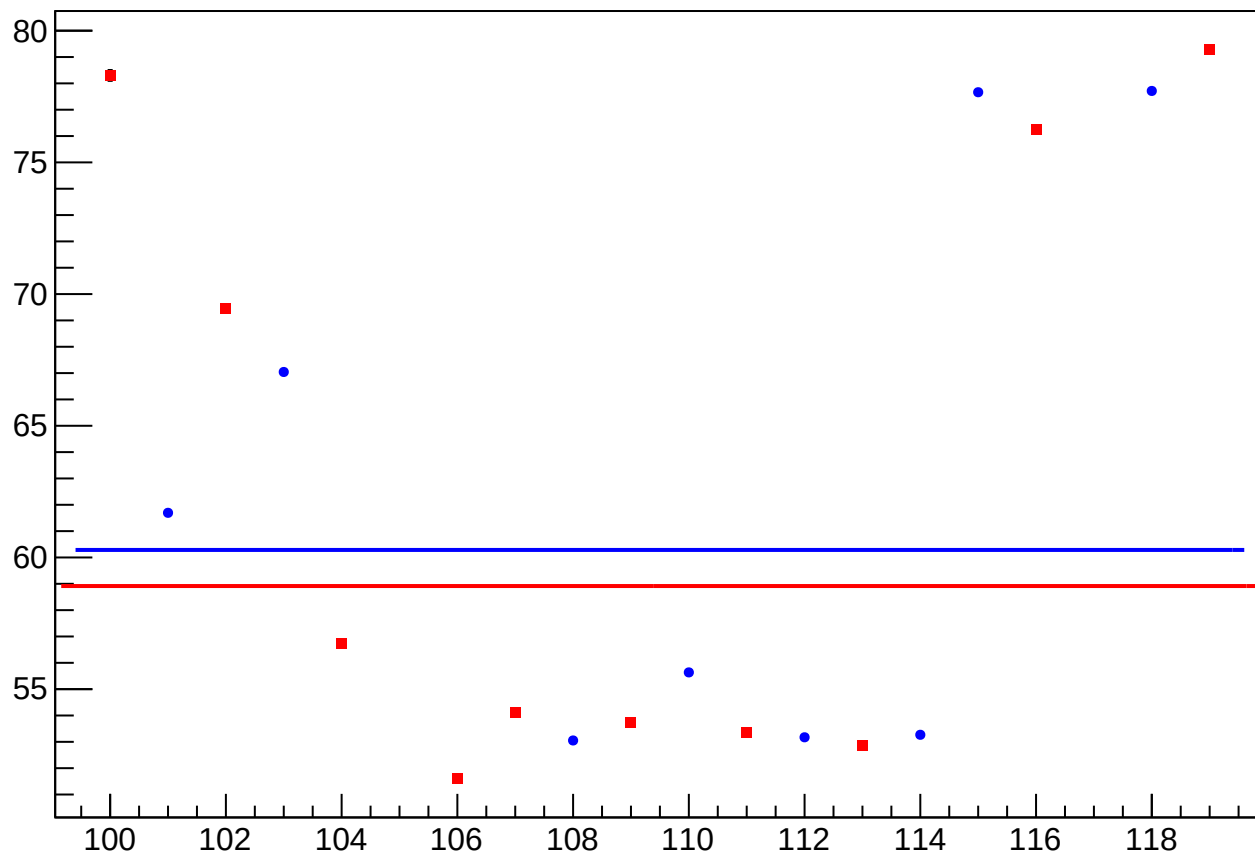
Right: 18.322+/-22.190 χ^2/NDF : 17.6/17

In: 53.025+/-33.440 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.322+/-22.190 χ^2/NDF : 17.6/17

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.286+/-0.024 χ^2/NDF : 123324.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.915+/-0.021 χ^2/NDF : 192087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

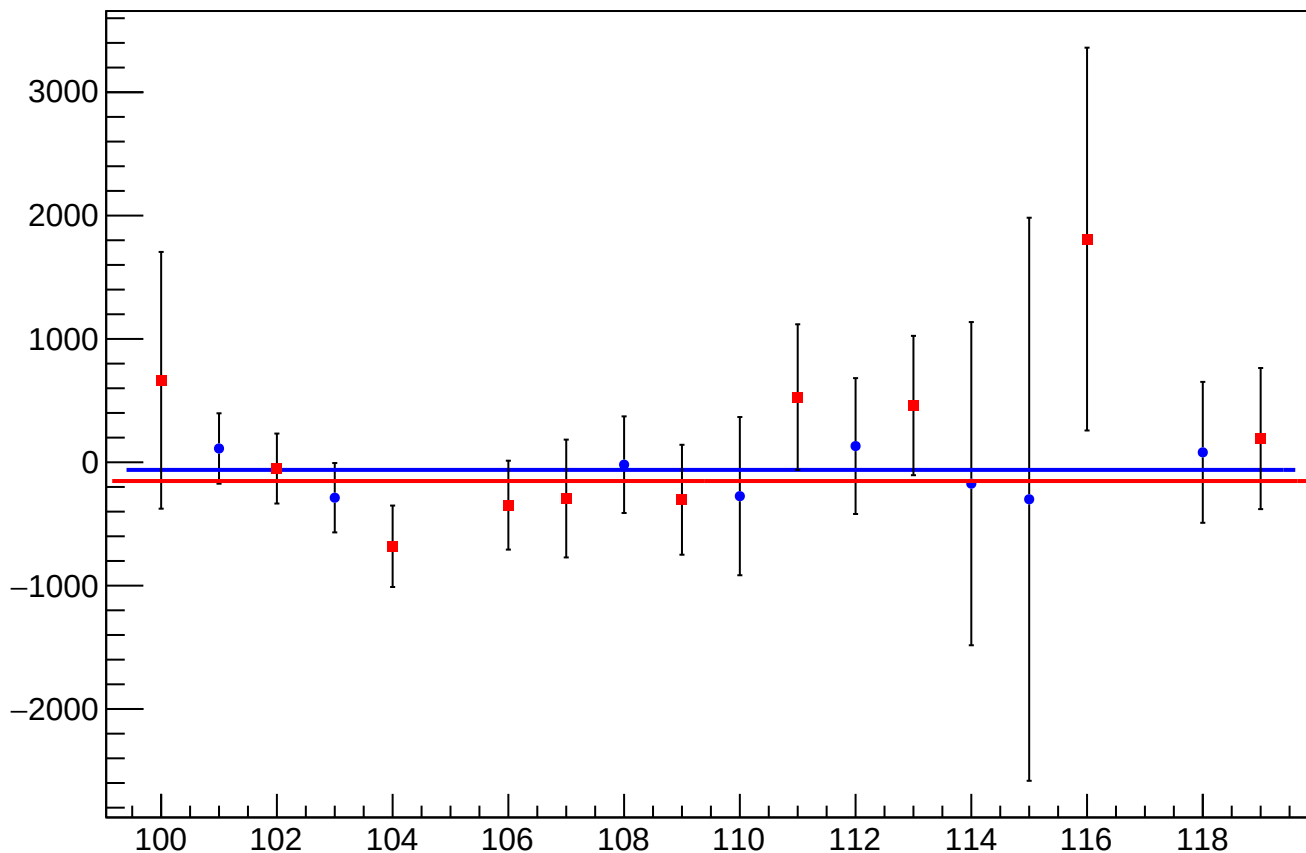
Right: 59.519+/-0.016 χ^2/NDF : 317292.1/17

In: 60.286+/-0.024 χ^2/NDF : 123324.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.519+/-0.016 χ^2/NDF : 317292.1/17

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -61.684+/-156.138 χ^2/NDF : 1.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -151.939+/-142.667 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

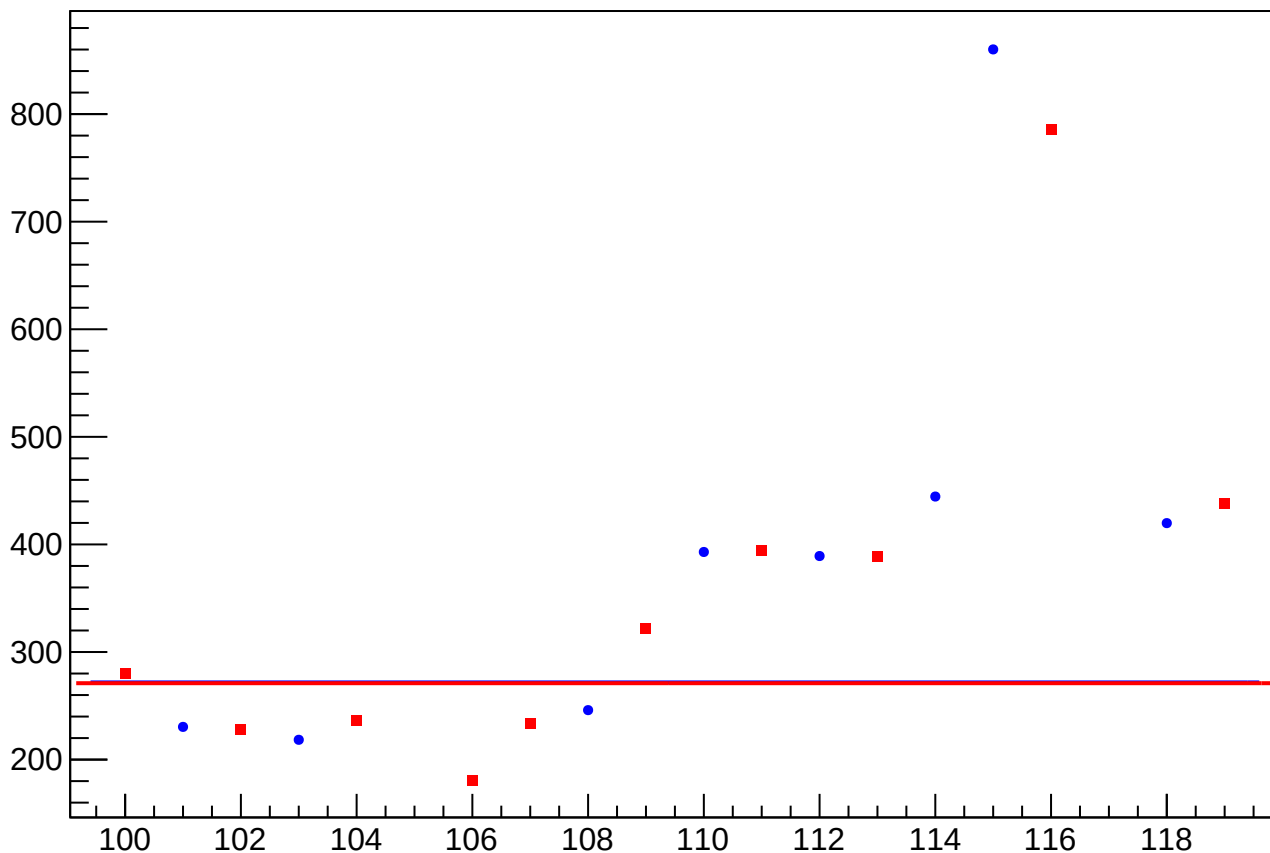
Right: -110.872+/-105.322 χ^2/NDF : 9.8/17

In: -61.684+/-156.138 χ^2/NDF :1.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -110.872+/-105.322 χ^2/NDF : 9.8/17

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.718+/-0.110 χ^2/NDF : 587117.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.013+/-0.101 χ^2/NDF : 794827.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

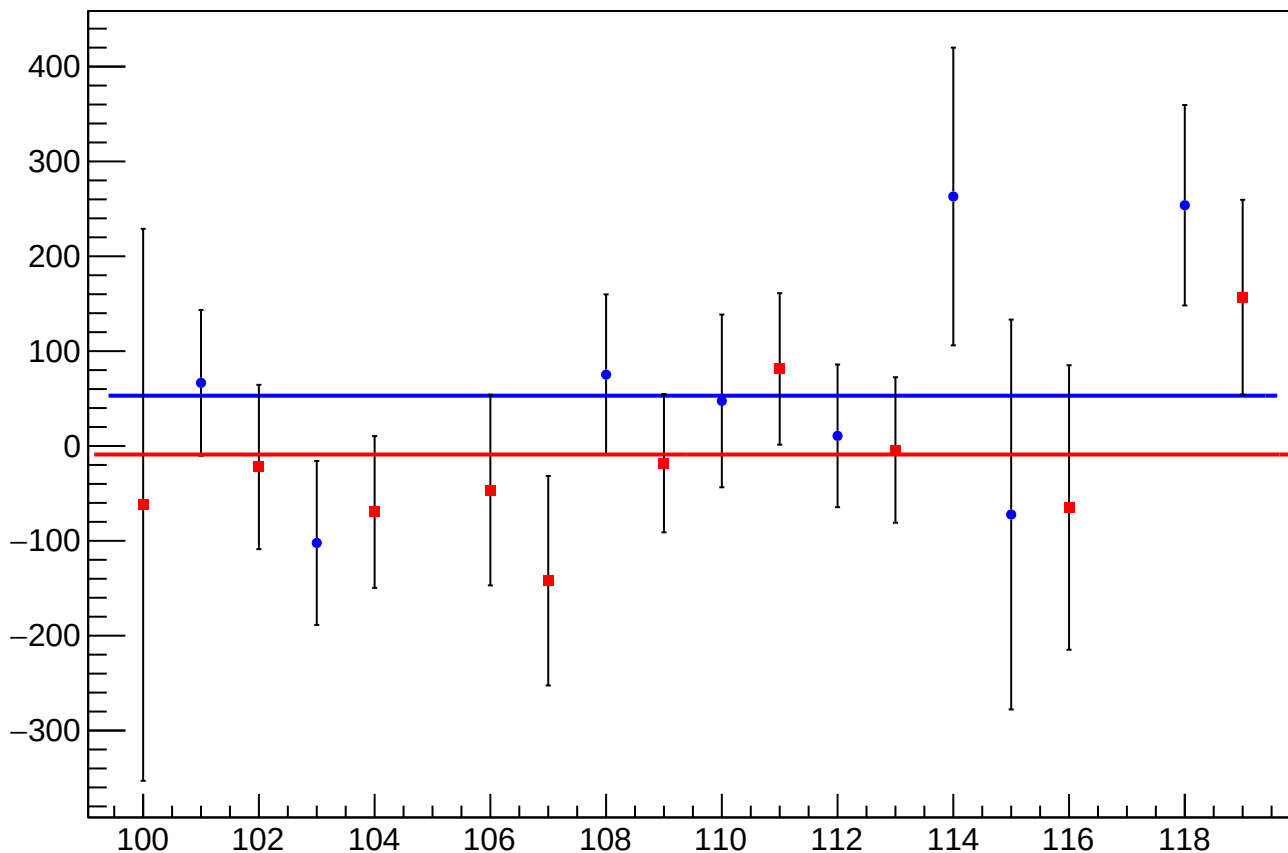
Right: 271.334+/-0.074 χ^2/NDF : 1381966.3/17

In: 271.718+/-0.110 χ^2/NDF : 587117.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.334+/-0.074 χ^2/NDF : 1381966.3/17

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 53.025+/-33.440 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.983+/-29.663 χ^2/NDF : 6.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

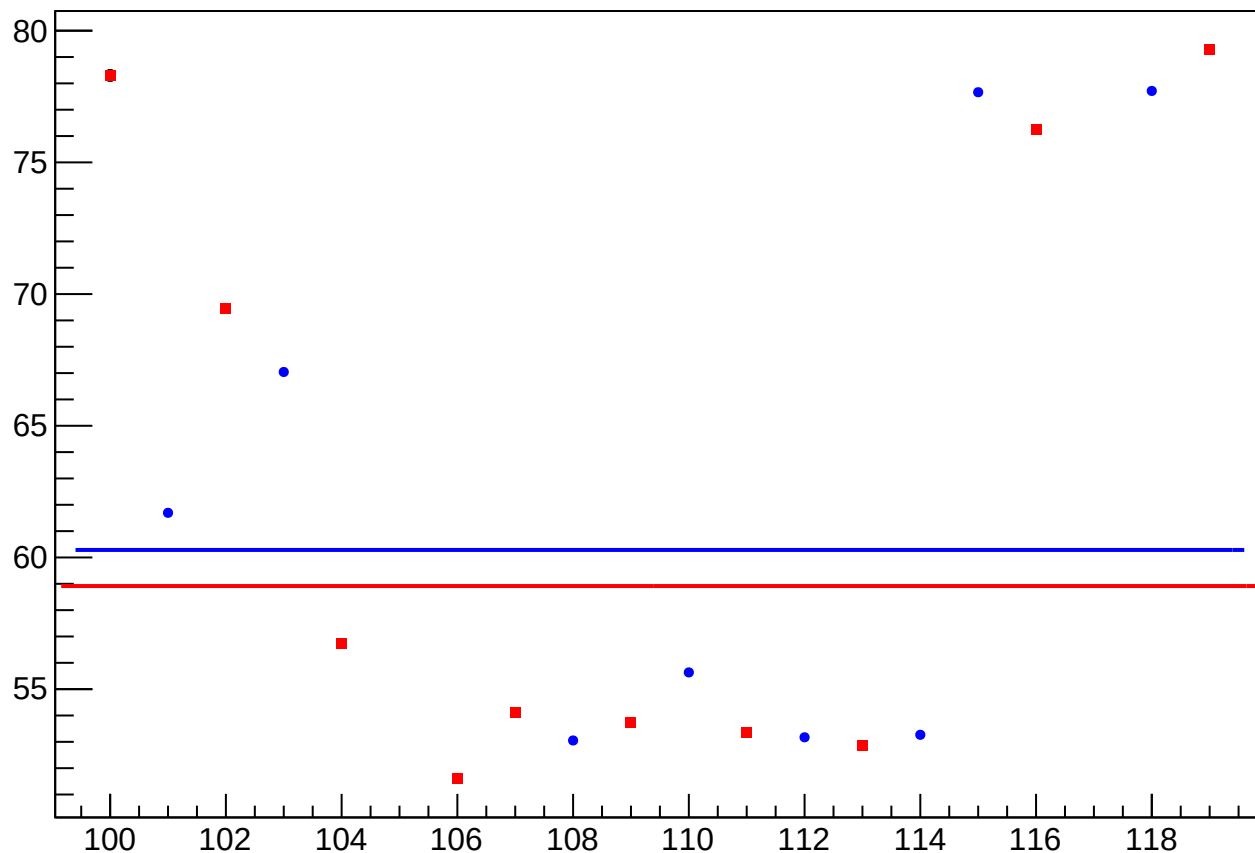
Right: 18.322+/-22.190 χ^2/NDF : 17.6/17

In: 53.025+/-33.440 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.322+/-22.190 χ^2/NDF : 17.6/17

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 60.286+/-0.024 χ^2/NDF : 123324.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.915+/-0.021 χ^2/NDF : 192087.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

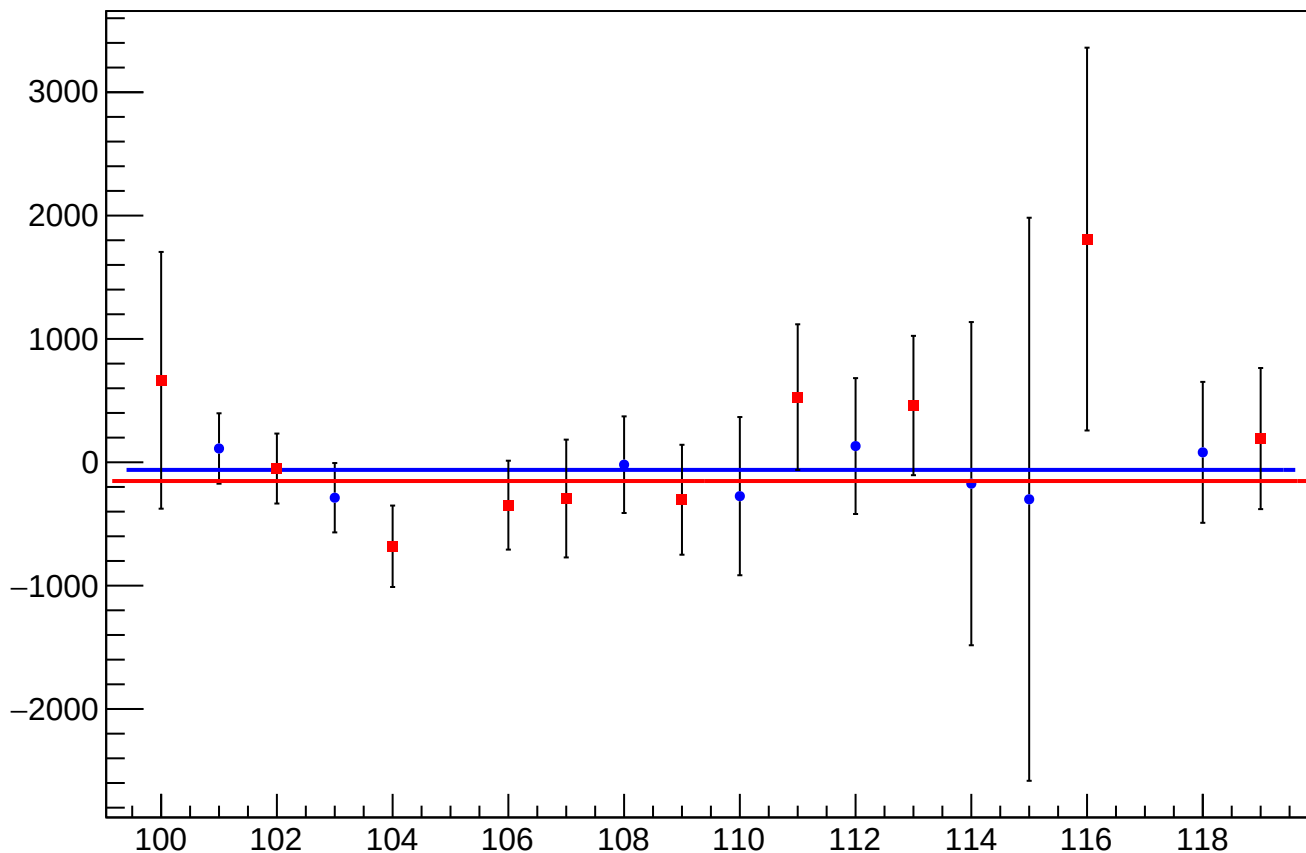
Right: 59.519+/-0.016 χ^2/NDF : 317292.1/17

In: 60.286+/-0.024 χ^2/NDF : 123324.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.519+/-0.016 χ^2/NDF : 317292.1/17

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -61.684+/-156.138 χ^2/NDF : 1.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -151.939+/-142.667 χ^2/NDF : 8.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

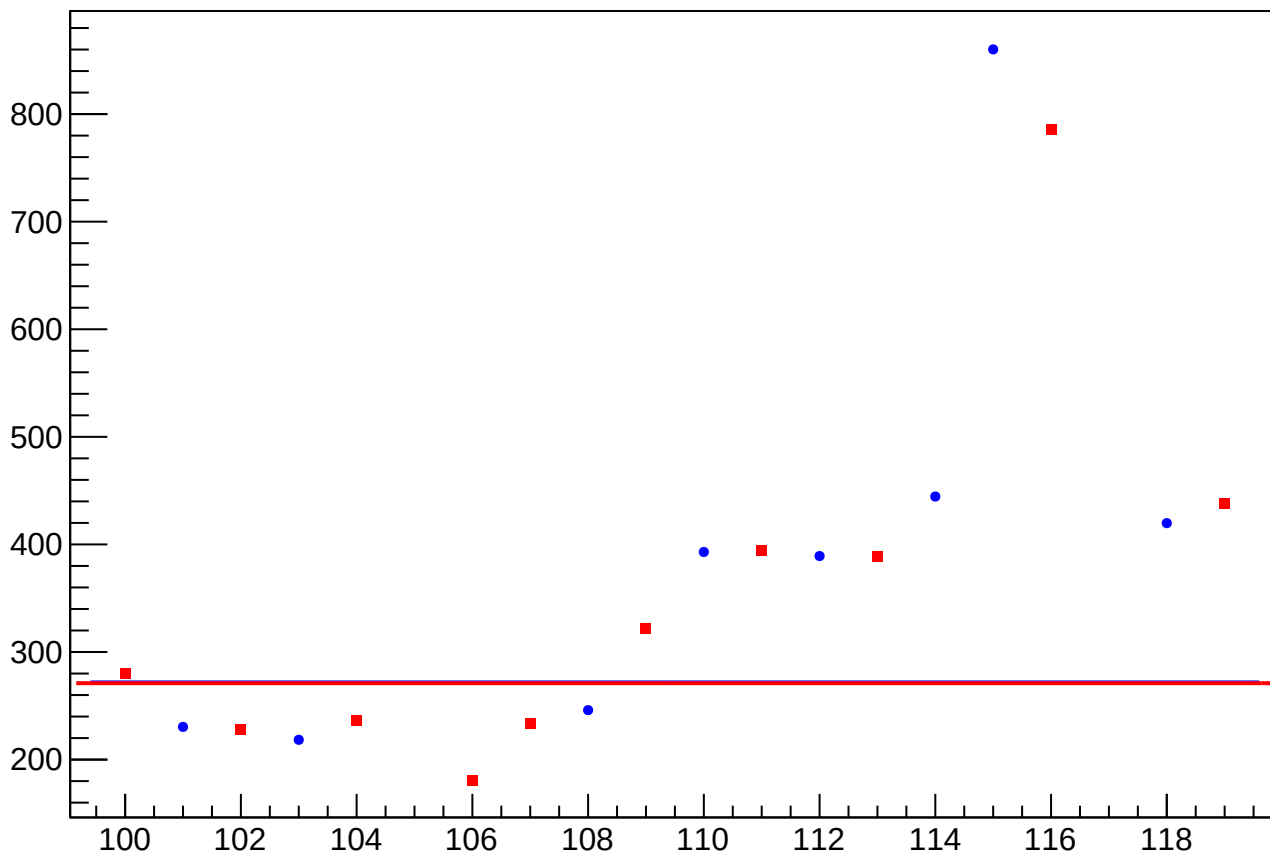
Right: -110.872+/-105.322 χ^2/NDF : 9.8/17

In: -61.684+/-156.138 χ^2/NDF : 1.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.872+/-105.322 χ^2/NDF : 9.8/17

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 271.718+/-0.110 χ^2/NDF : 587117.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 271.013+/-0.101 χ^2/NDF : 794827.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

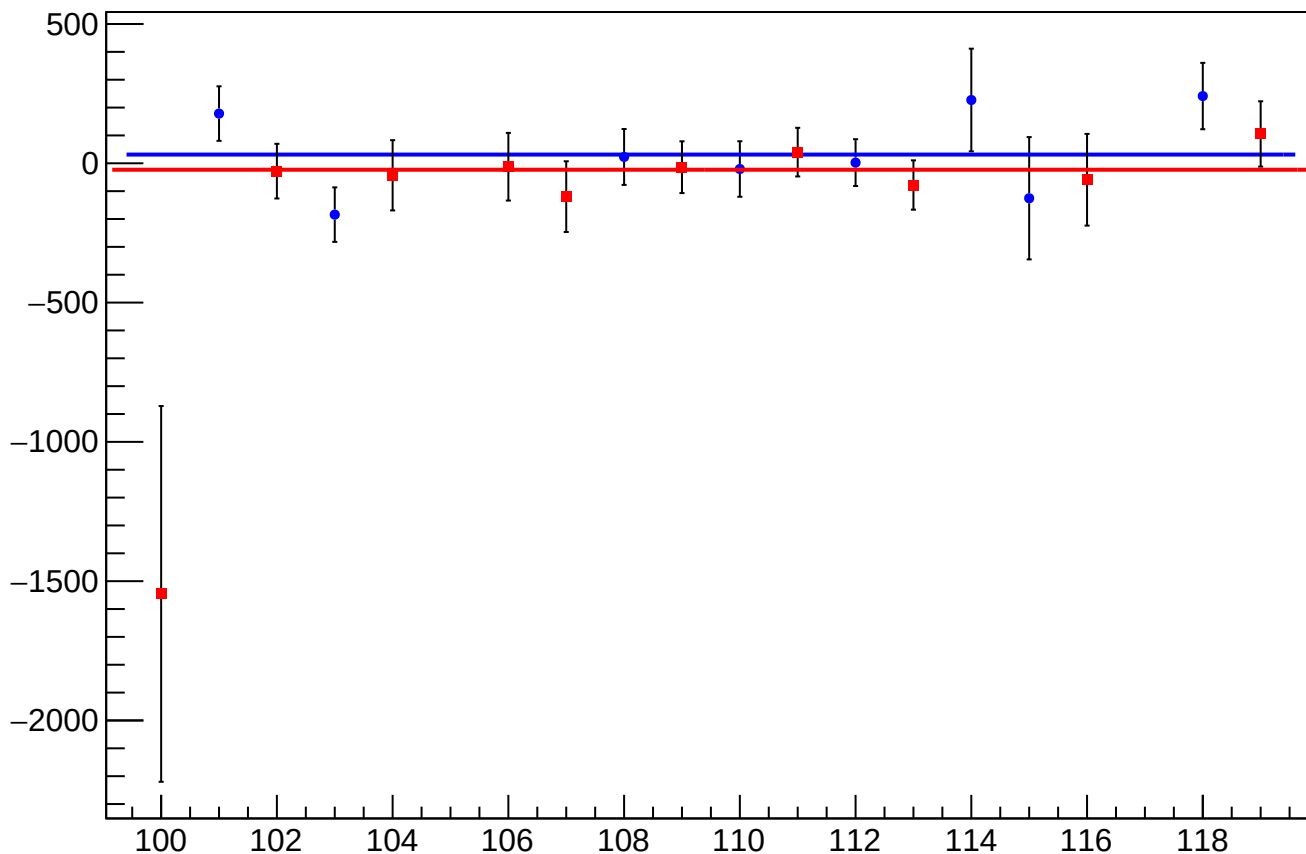
Right: 271.334+/-0.074 χ^2/NDF : 1381966.3/17

In: 271.718+/-0.110 χ^2/NDF : 587117.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.334+/-0.074 χ^2/NDF : 1381966.3/17

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 31.322+/-38.607 χ^2/NDF : 12.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.161+/-35.735 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

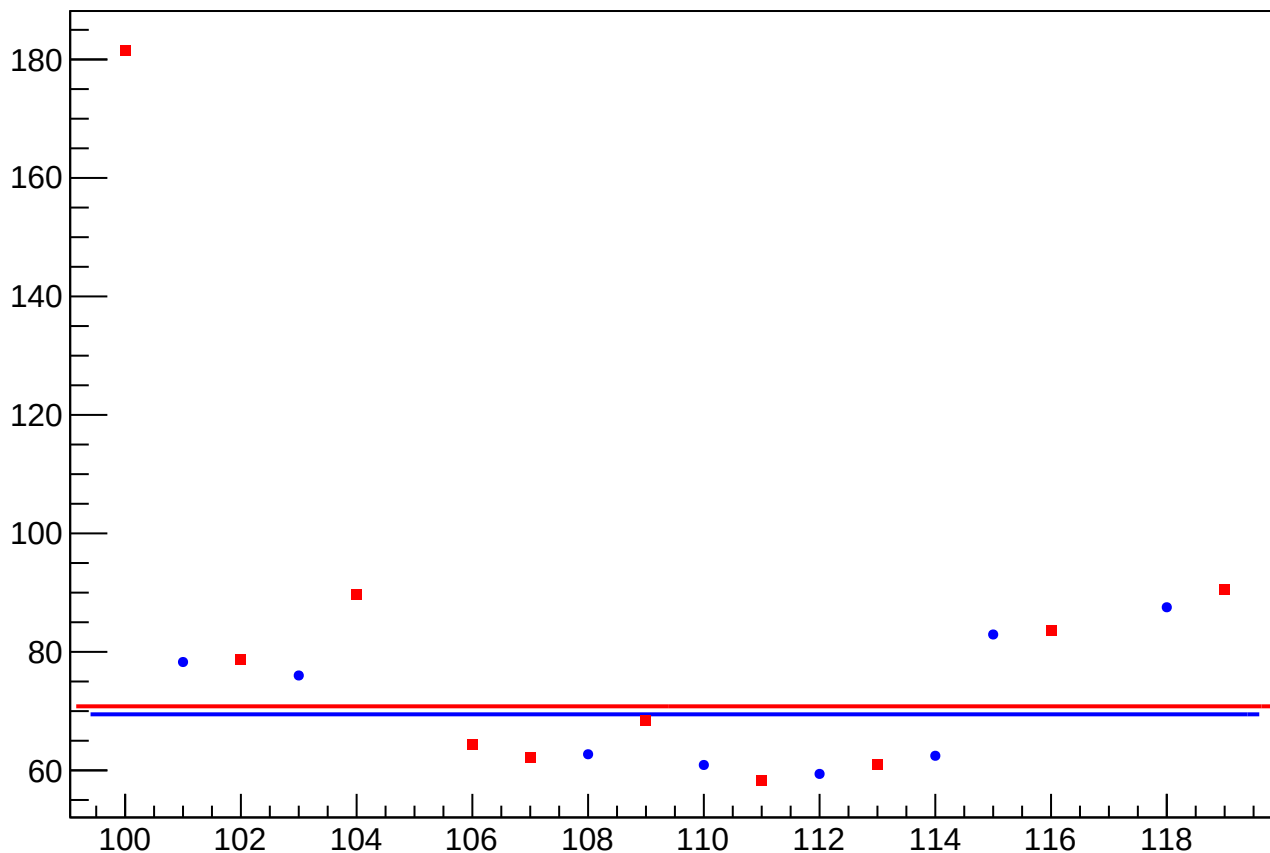
Right: 1.979+/-26.225 χ^2/NDF : 21.2/17

In: 31.322+/-38.607 χ^2/NDF : 12.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.979+/-26.225 χ^2/NDF : 21.2/17

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 69.458+/-0.027 χ^2/NDF : 134053.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.809+/-0.025 χ^2/NDF : 262381.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

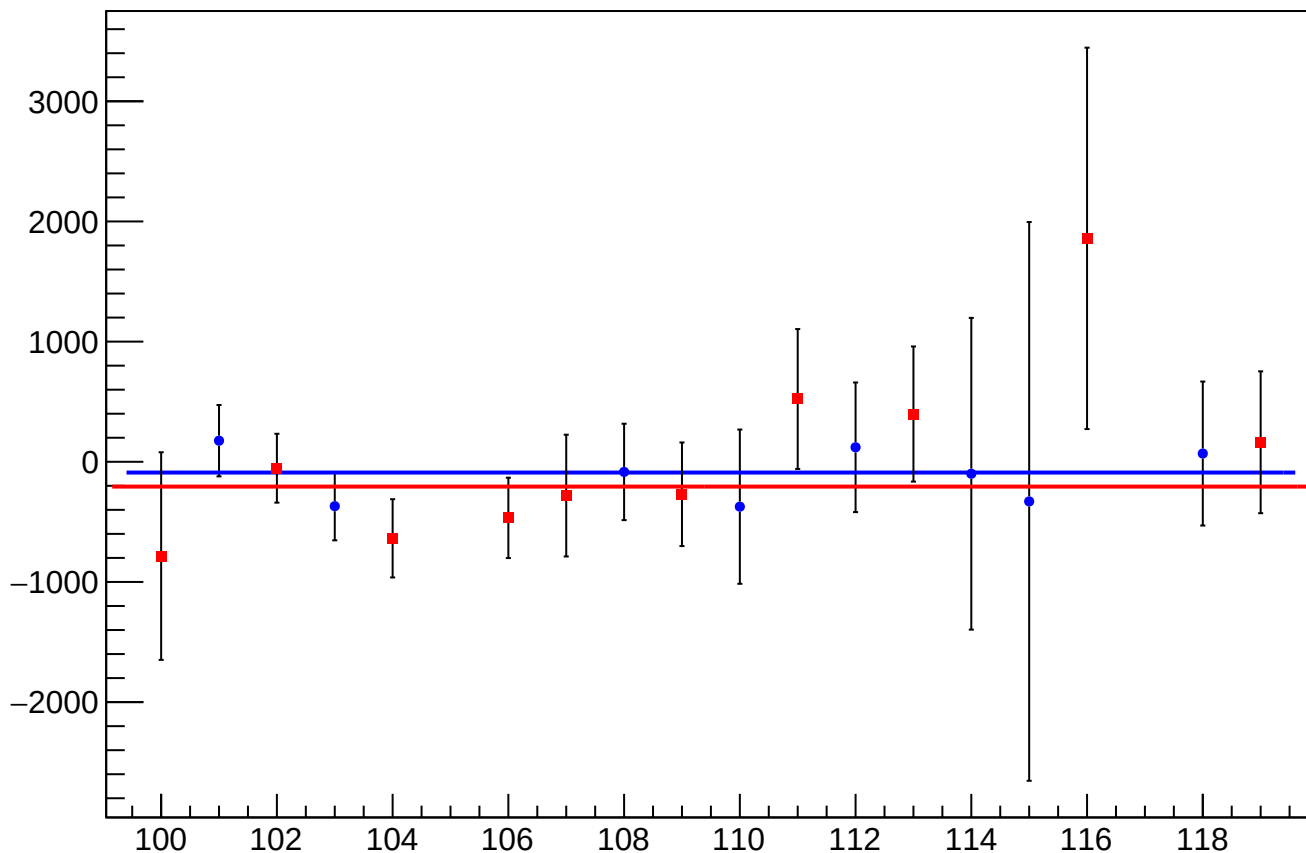
Right: 70.186+/-0.019 χ^2/NDF : 397754.1/17

In: 69.458+/-0.027 χ^2/NDF : 134053.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.186+/-0.019 χ^2/NDF : 397754.1/17

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -89.584 $\pm$ 159.433 χ^2 /NDF: 2.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -206.396 $\pm$ 140.640 χ^2 /NDF: 7.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

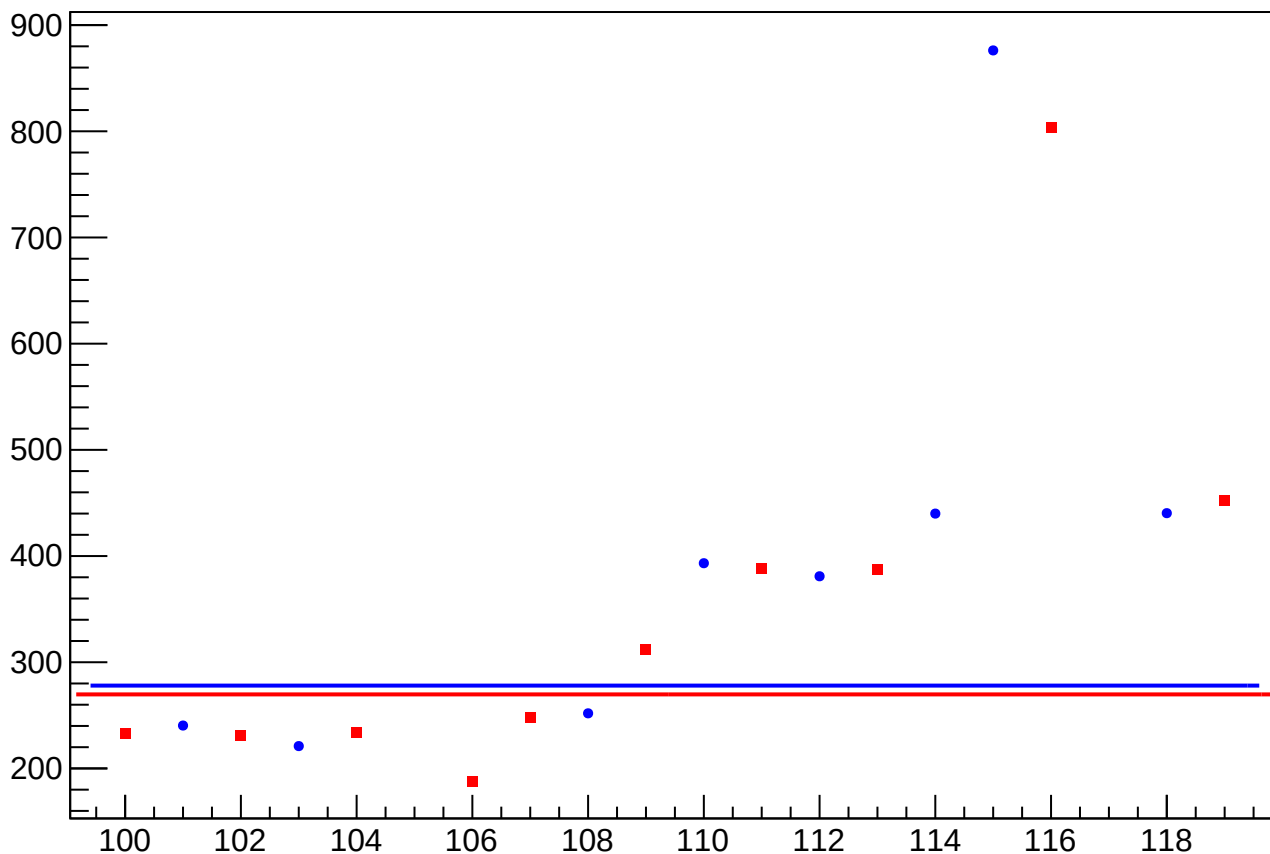
Right: -155.277 $\pm$ 105.469 χ^2 /NDF: 10.4/17

In: -89.584 $\pm$ 159.433 χ^2 /NDF:2.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -155.277 $\pm$ 105.469 χ^2 /NDF: 10.4/17

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 278.003+/-0.113 χ^2/NDF : 568661.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 269.714+/-0.099 χ^2/NDF : 796678.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

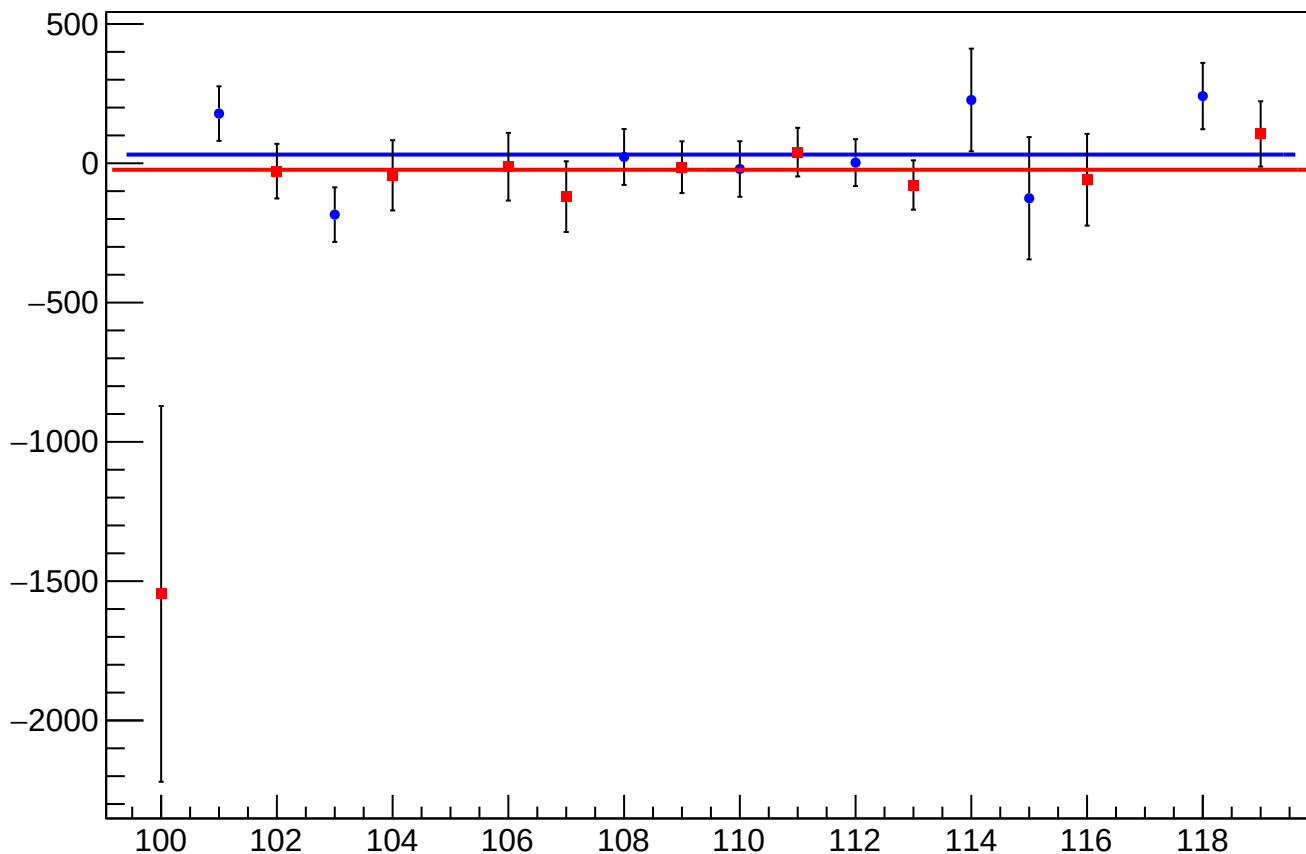
Right: 273.342+/-0.075 χ^2/NDF : 1368380.8/17

In: 278.003+/-0.113 χ^2/NDF : 568661.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 273.342+/-0.075 χ^2/NDF : 1368380.8/17

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 31.323+/-38.607 χ^2/NDF : 12.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.161+/-35.735 χ^2/NDF : 7.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

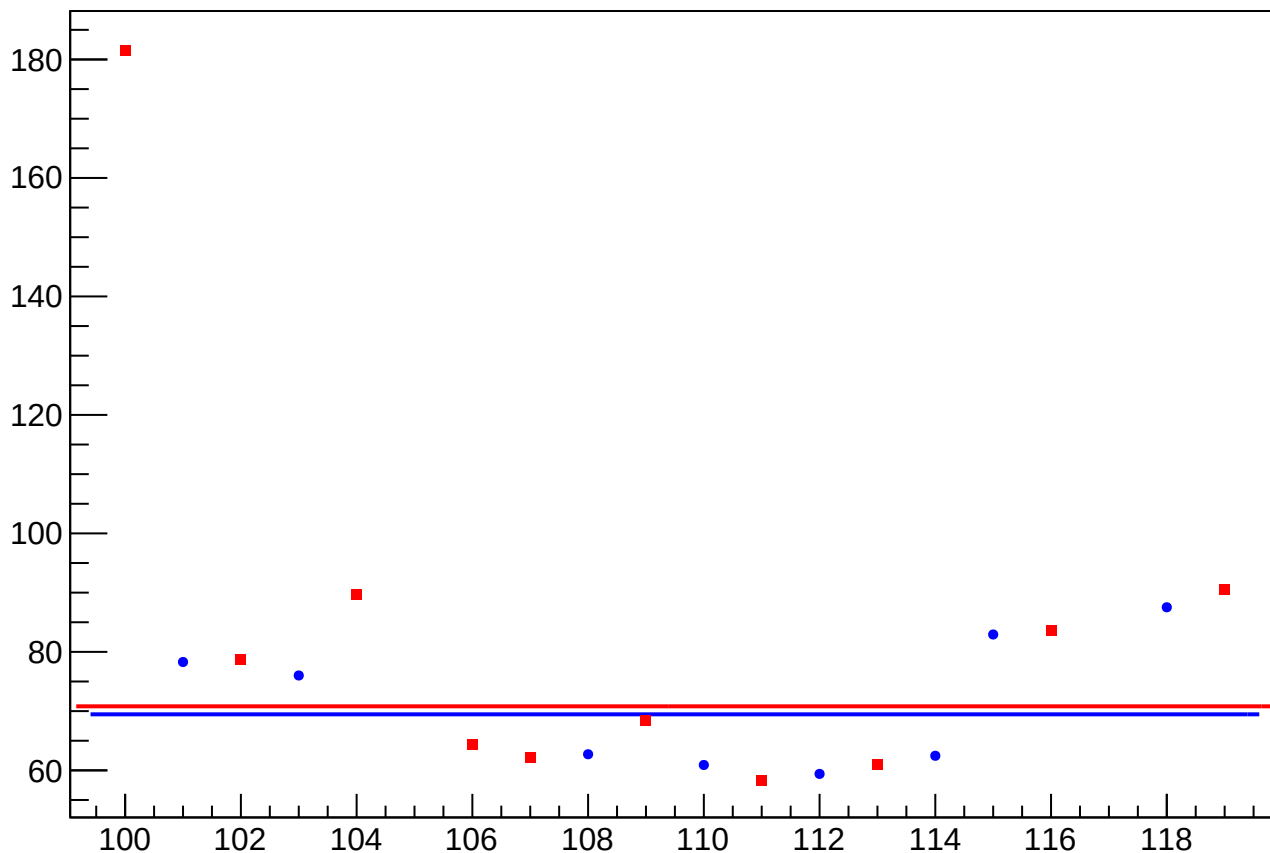
Right: 1.979+/-26.225 χ^2/NDF : 21.2/17

In: 31.323+/-38.607 χ^2/NDF : 12.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.979+/-26.225 χ^2/NDF : 21.2/17

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 69.458+/-0.027 χ^2/NDF : 134054.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.809+/-0.025 χ^2/NDF : 262384.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

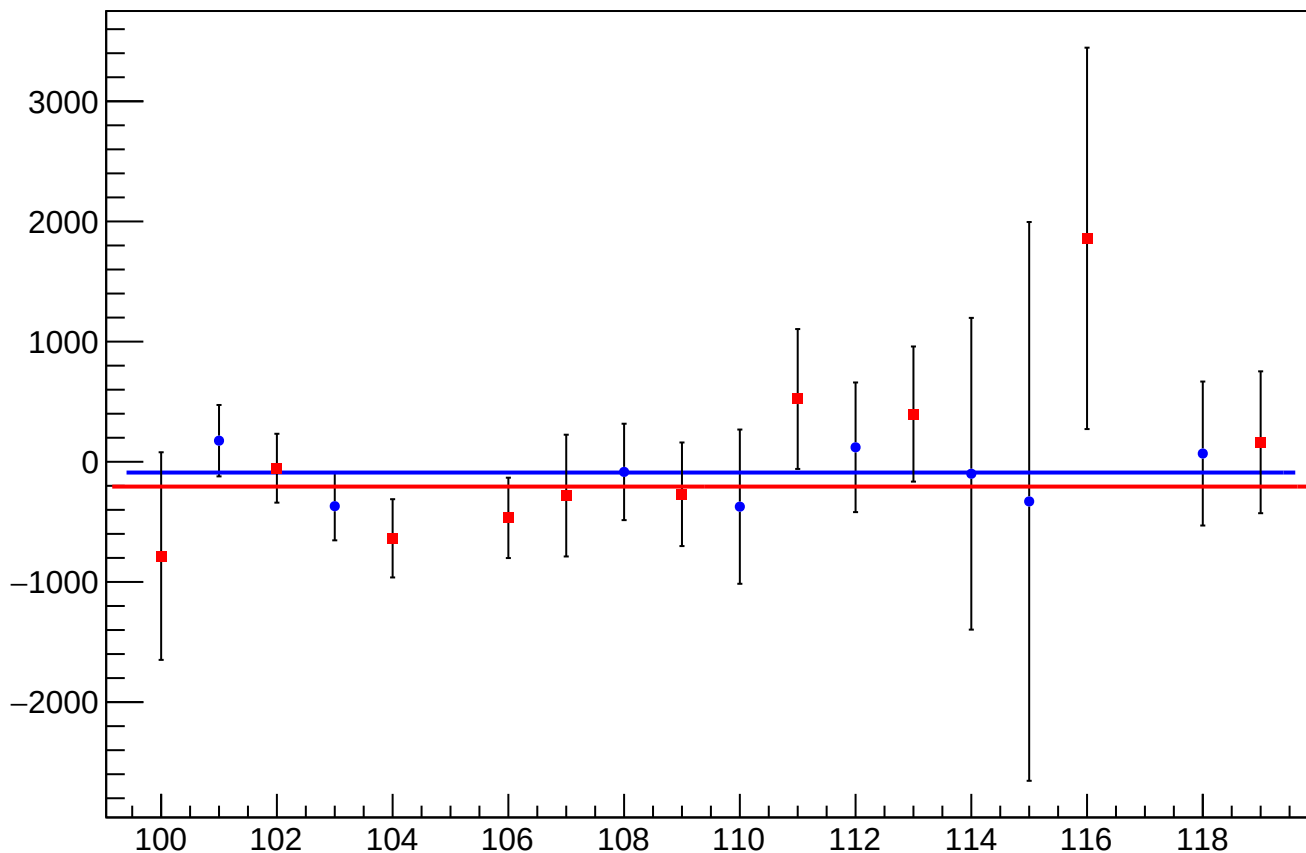
Right: 70.186+/-0.019 χ^2/NDF : 397758.2/17

In: 69.458+/-0.027 χ^2/NDF : 134054.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.186+/-0.019 χ^2/NDF : 397758.2/17

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -89.585 $\pm$ 159.434 χ^2 /NDF: 2.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -206.396 $\pm$ 140.640 χ^2 /NDF: 7.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

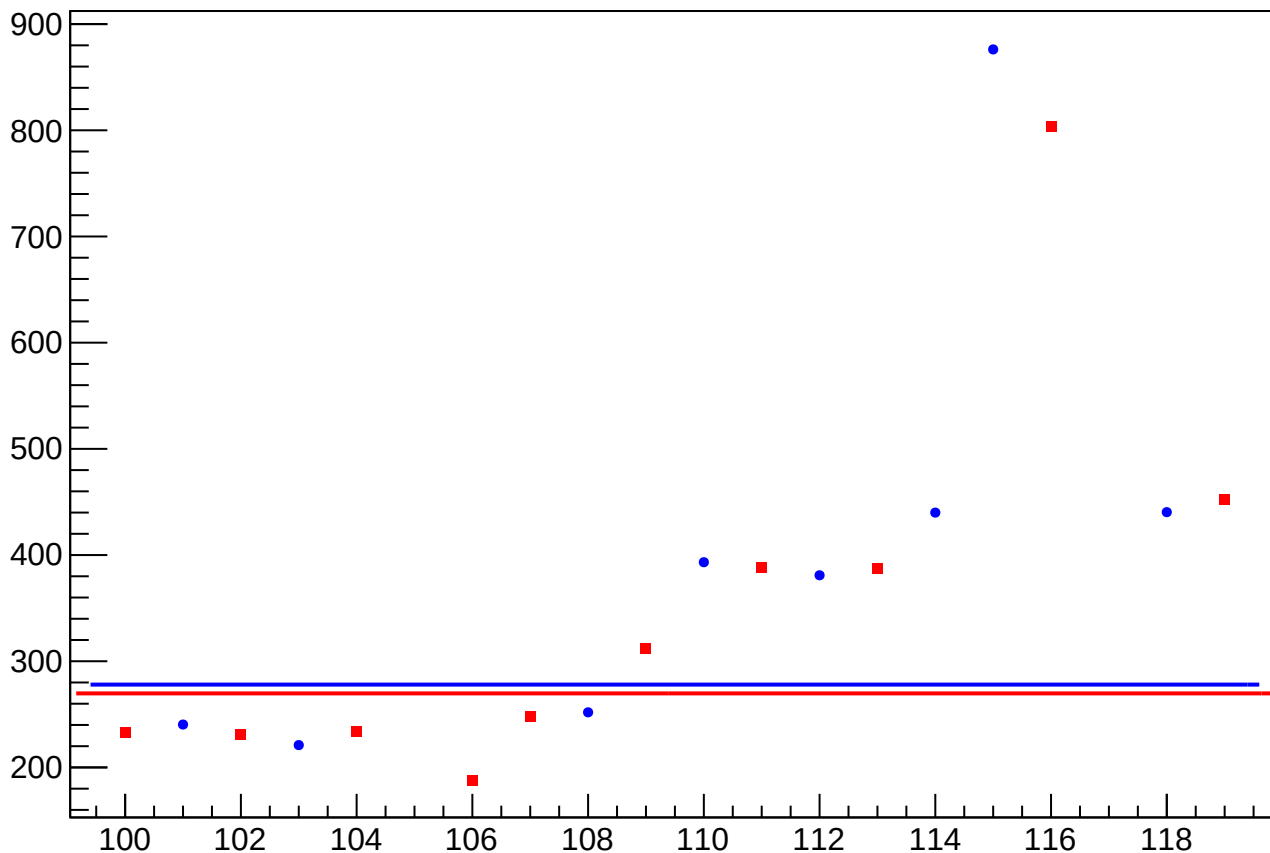
Right: -155.278 $\pm$ 105.469 χ^2 /NDF: 10.4/17

In: -89.585 $\pm$ 159.434 χ^2 /NDF:2.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -155.278 $\pm$ 105.469 χ^2 /NDF: 10.4/17

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 278.003+/-0.113 χ^2/NDF : 568660.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 269.714+/-0.099 χ^2/NDF : 796676.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

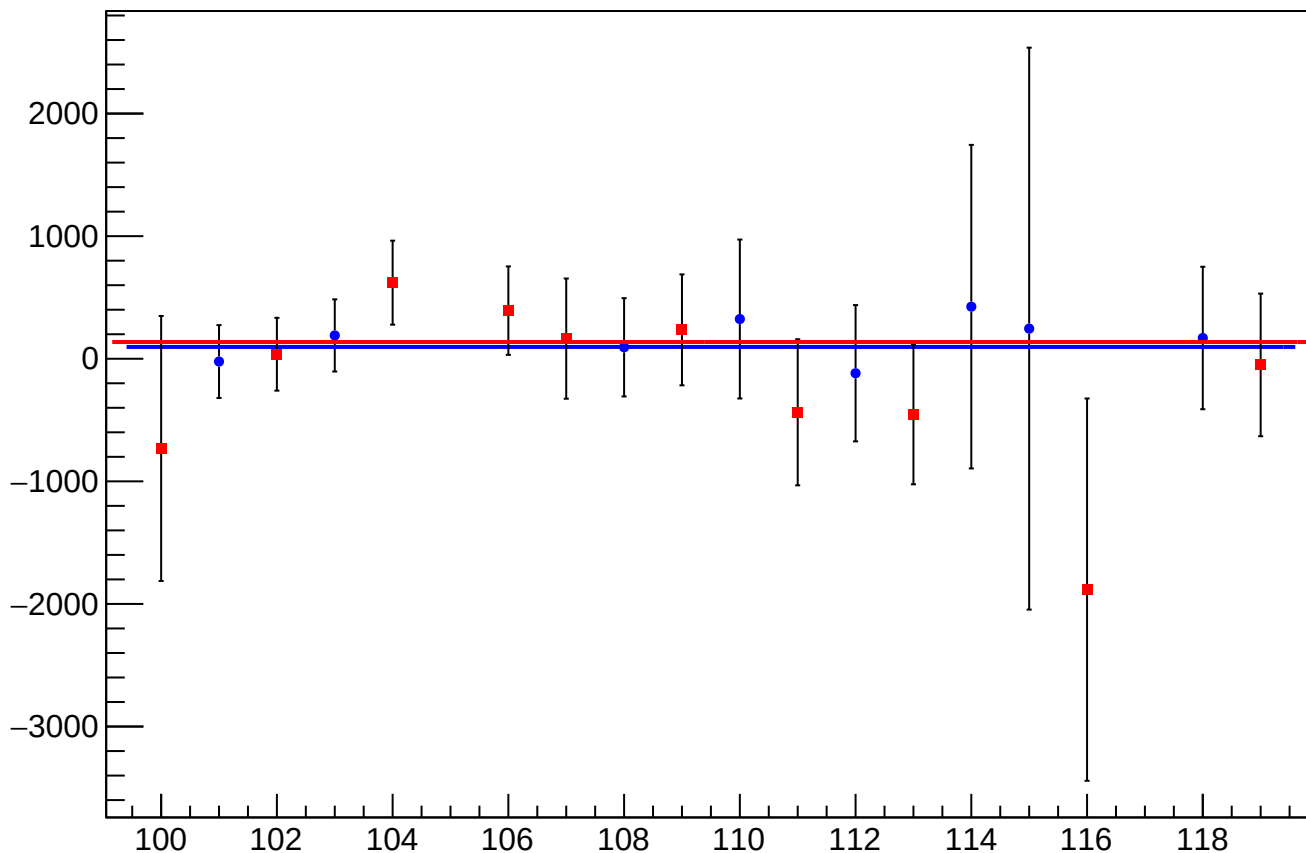
Right: 273.342+/-0.075 χ^2/NDF : 1368377.6/17

In: 278.003+/-0.113 χ^2/NDF :568660.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 273.342+/-0.075 χ^2/NDF : 1368377.6/17

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 96.296+/-161.300 χ^2/NDF : 0.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.745+/-146.328 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

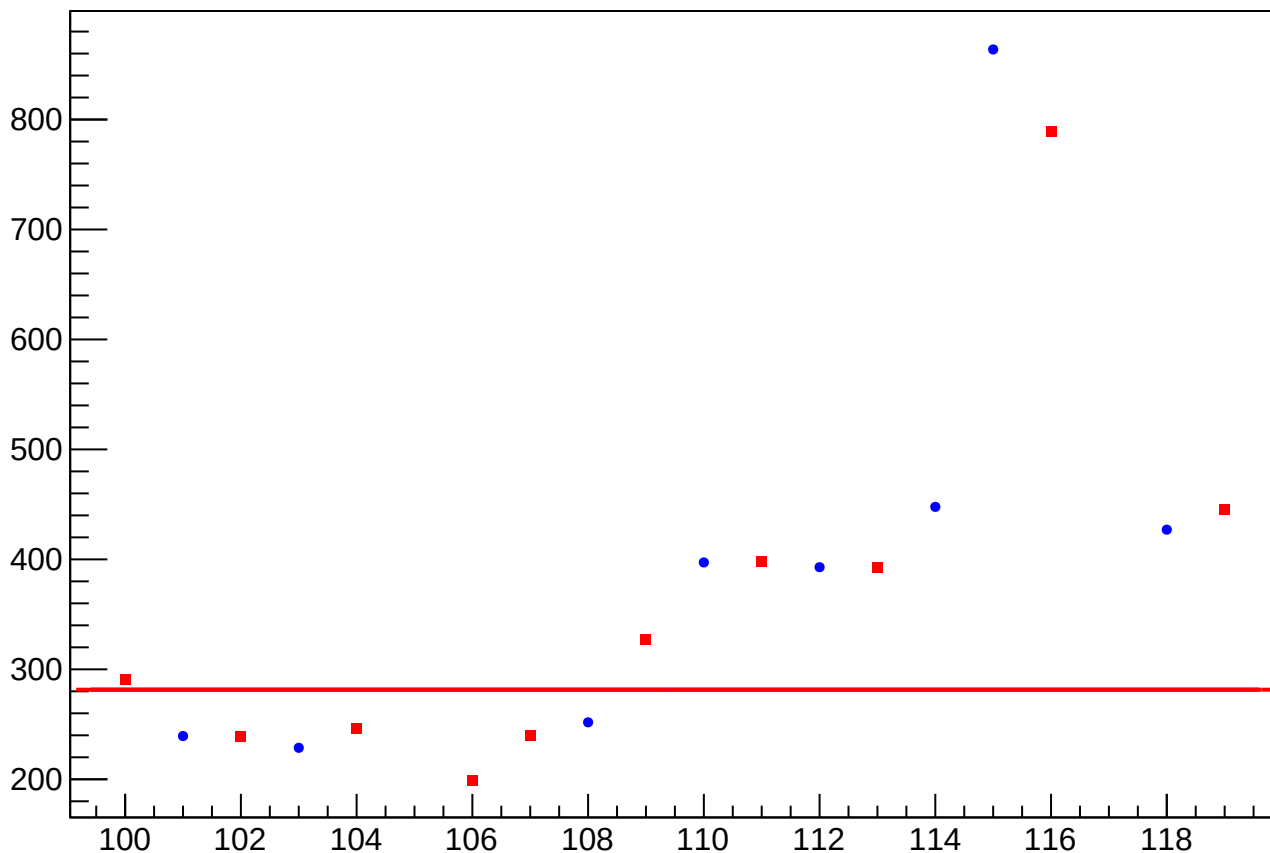
Right: 118.485+/-108.377 χ^2/NDF : 7.7/17

In: 96.296+/-161.300 χ^2/NDF : 0.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.485+/-108.377 χ^2/NDF : 7.7/17

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 281.516+/-0.114 χ^2/NDF : 546074.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.469+/-0.103 χ^2/NDF : 724415.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

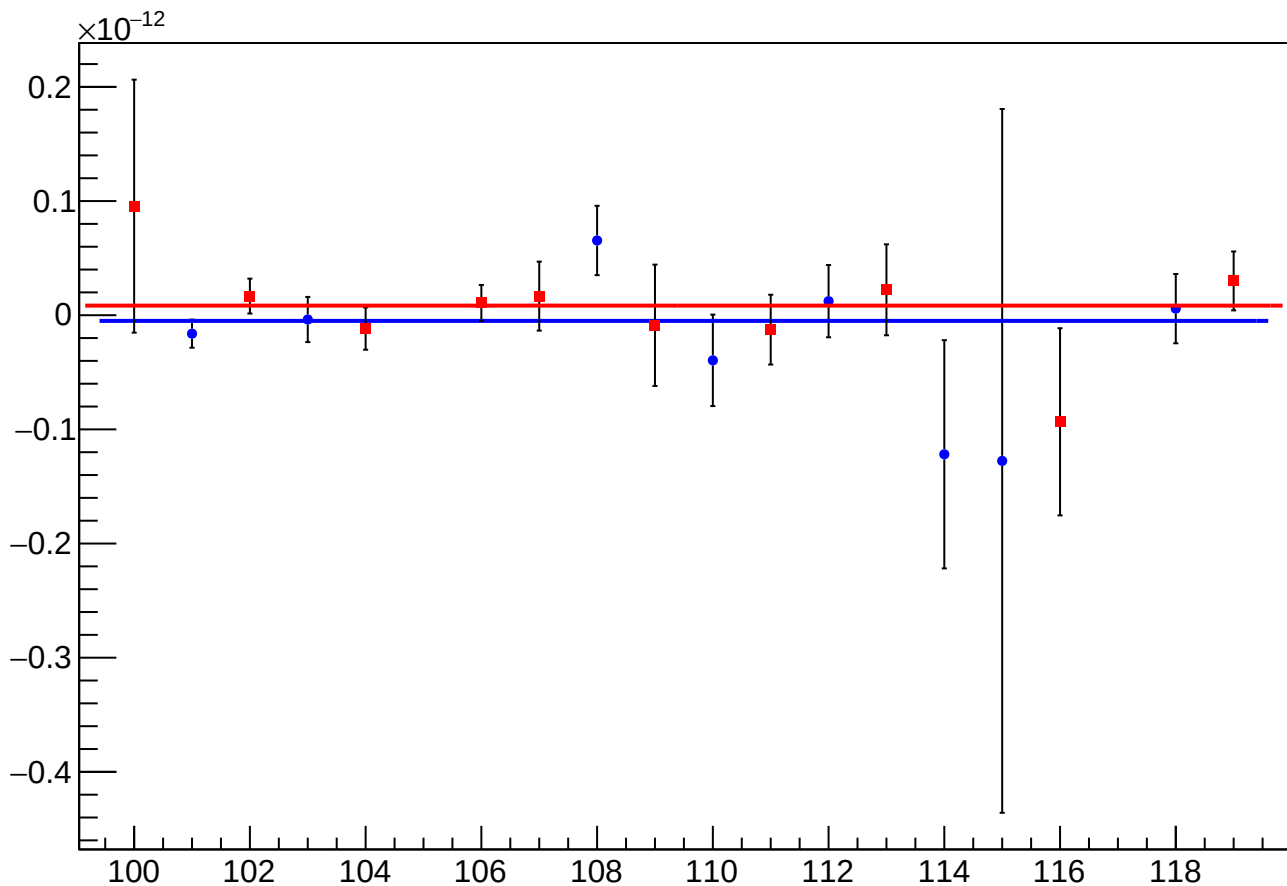
Right: 281.490+/-0.077 χ^2/NDF : 1270490.0/17

In: 281.516+/-0.114 χ^2/NDF : 546074.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.490+/-0.077 χ^2/NDF : 1270490.0/17

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

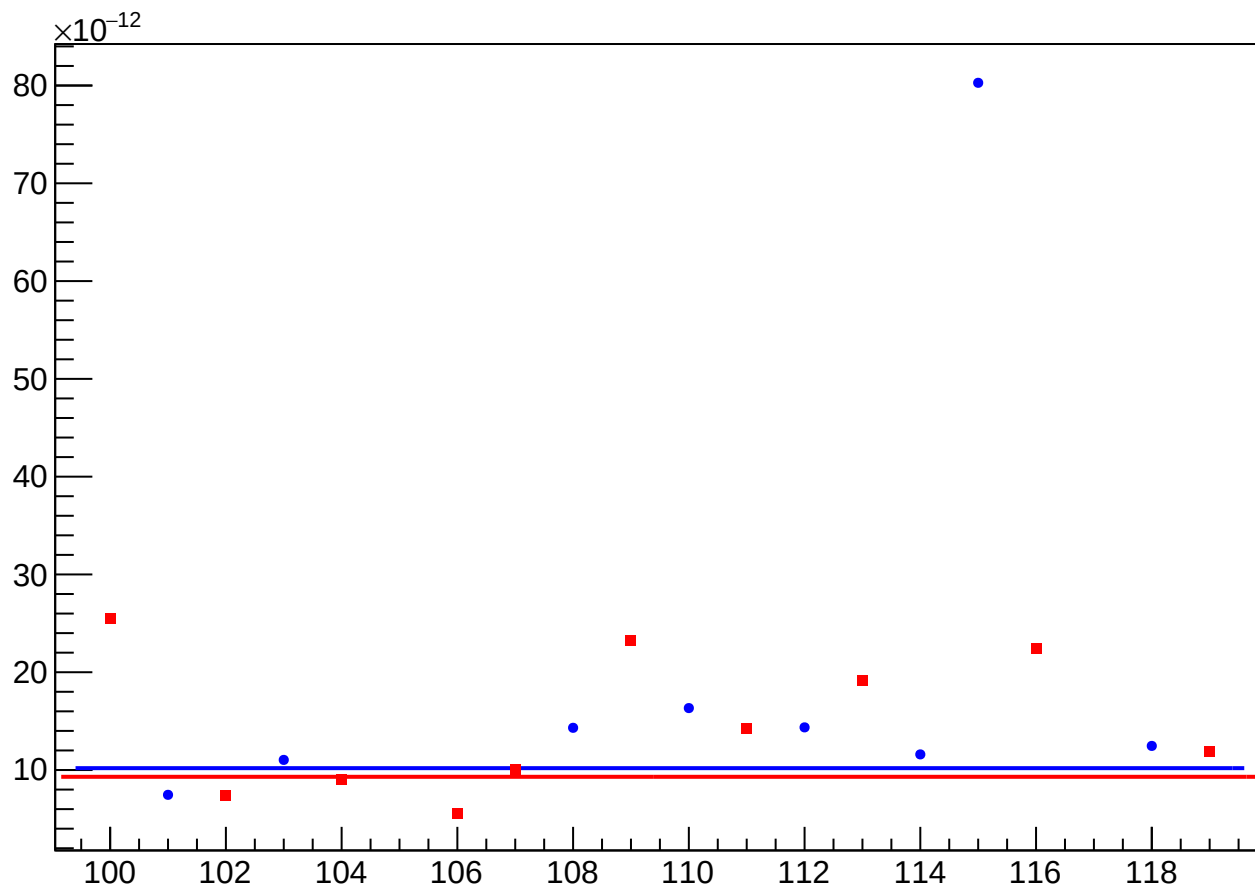
Right: 0.000+/-0.000 χ^2/NDF : 15.3/17

In: -0.000+/-0.000 χ^2/NDF :8.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/17

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 335333.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 574598.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

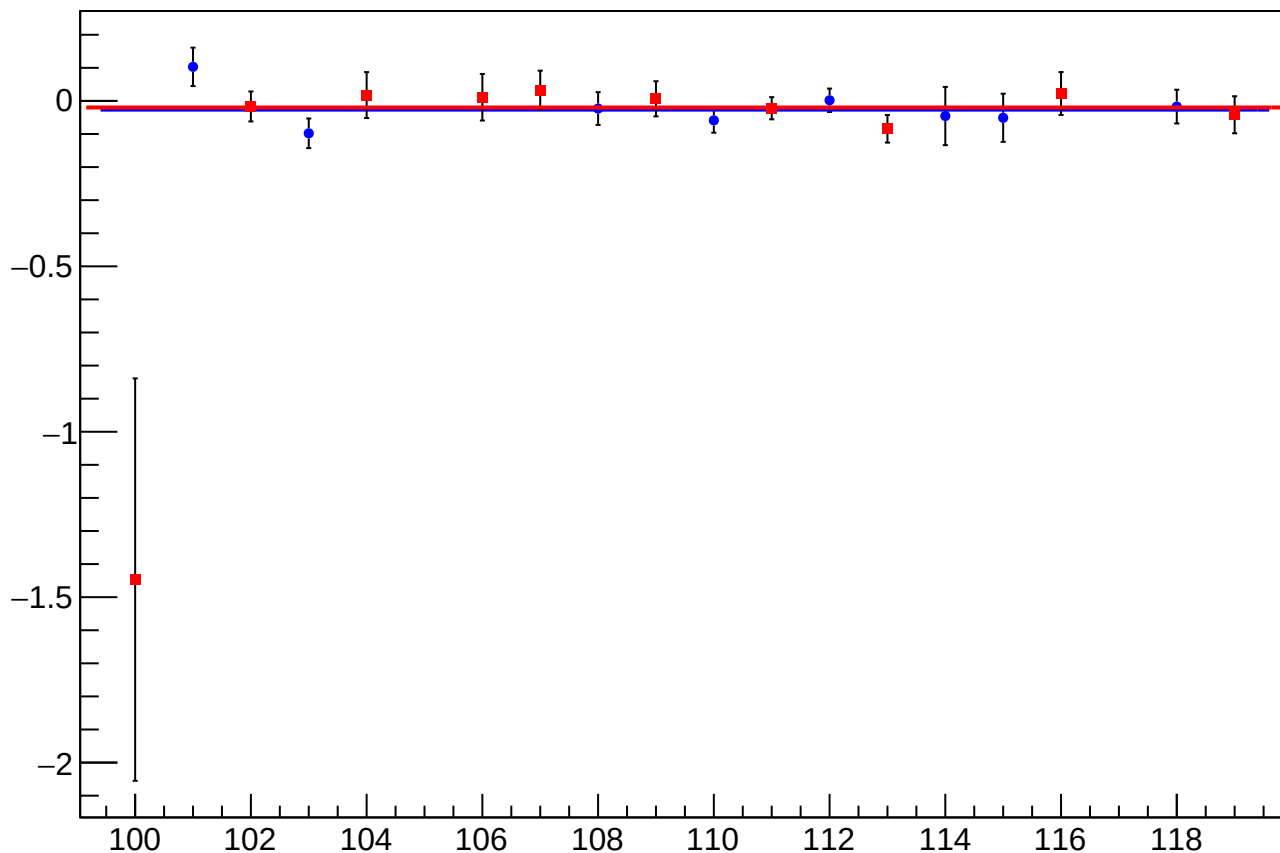
Right: 0.000+/-0.000 χ^2/NDF : 921208.2/17

In: 0.000+/-0.000 χ^2/NDF : 335333.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 921208.2/17

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.017 χ^2/NDF : 9.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.017 χ^2/NDF : 10.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

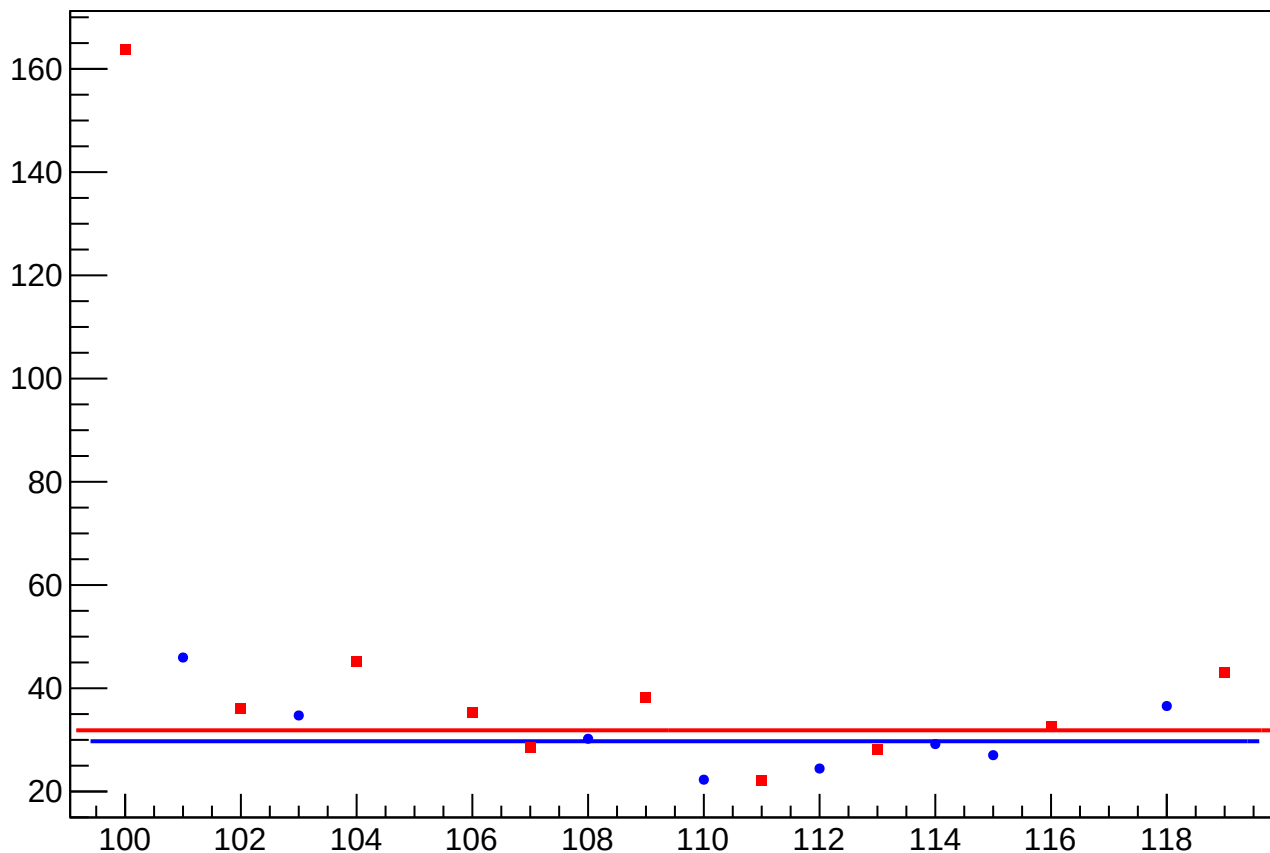
Right: -0.023 ± 0.012 χ^2/NDF : 19.2/17

In: -0.026 ± 0.017 χ^2/NDF : 9.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.012 χ^2/NDF : 19.2/17

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.734 $\pm$ 0.012 χ^2 /NDF: 344454.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.854 $\pm$ 0.012 χ^2 /NDF: 490541.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

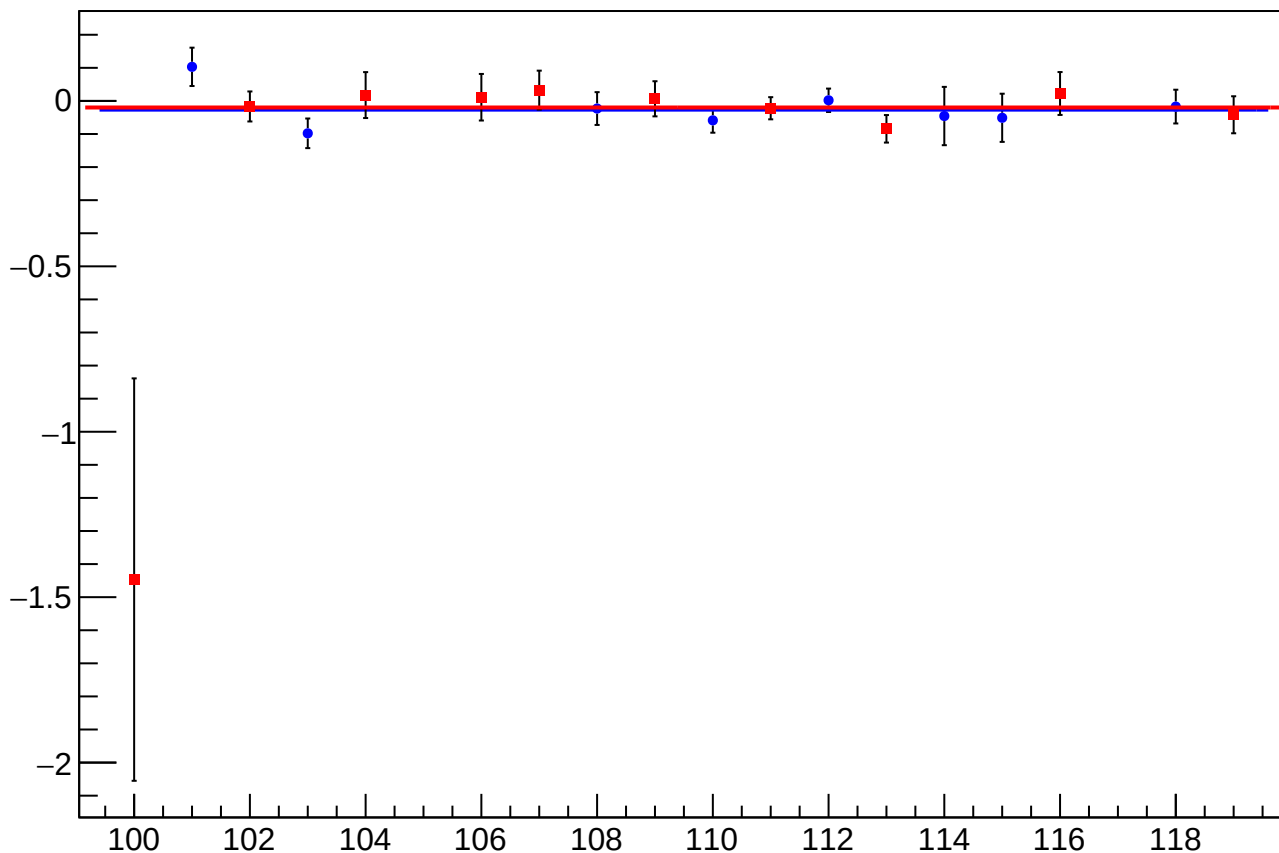
Right: 30.816 $\pm$ 0.008 χ^2 /NDF: 850689.2/17

In: 29.734 $\pm$ 0.012 χ^2 /NDF:344454.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.816 $\pm$ 0.008 χ^2 /NDF: 850689.2/17

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.017 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

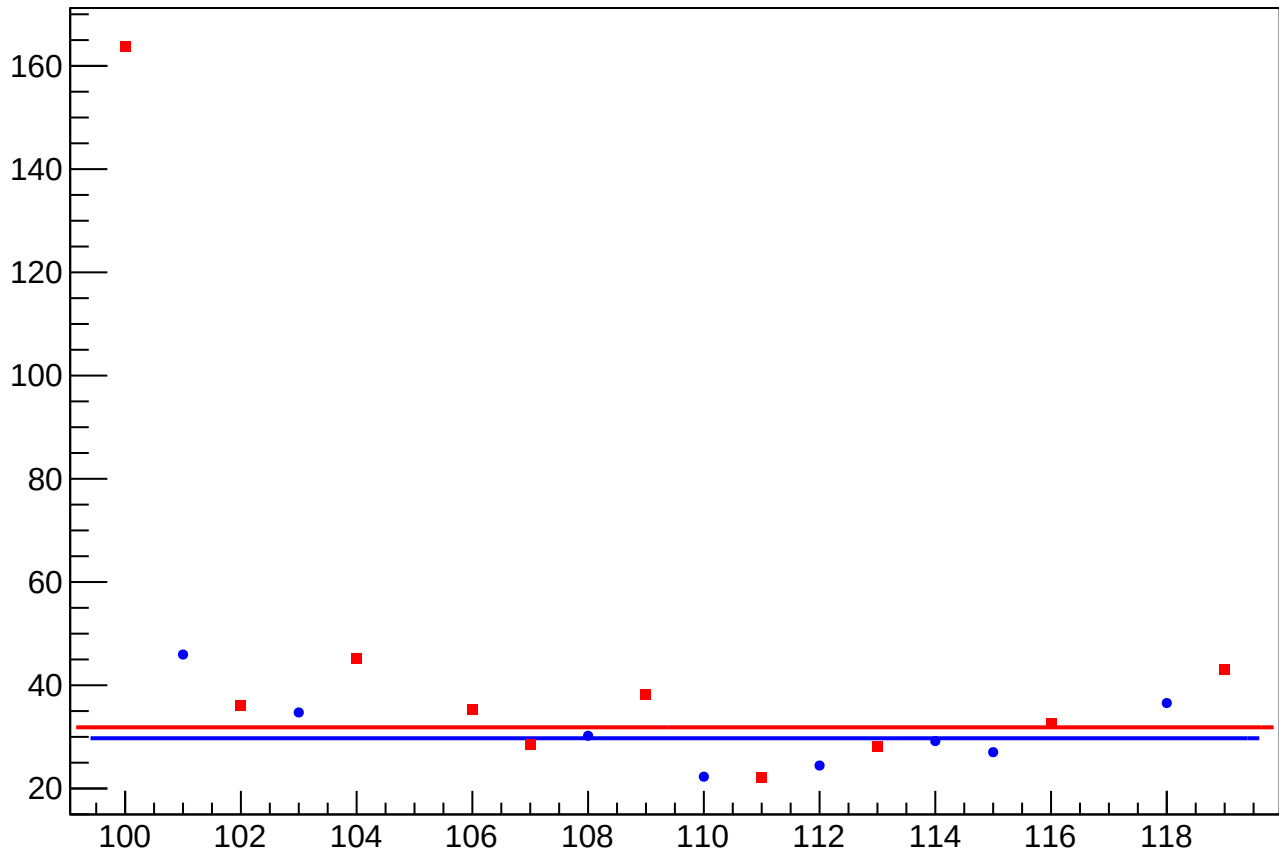
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

In: -0.026 $\pm$ 0.017 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.734+/-0.012 χ^2/NDF : 344454.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490541.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

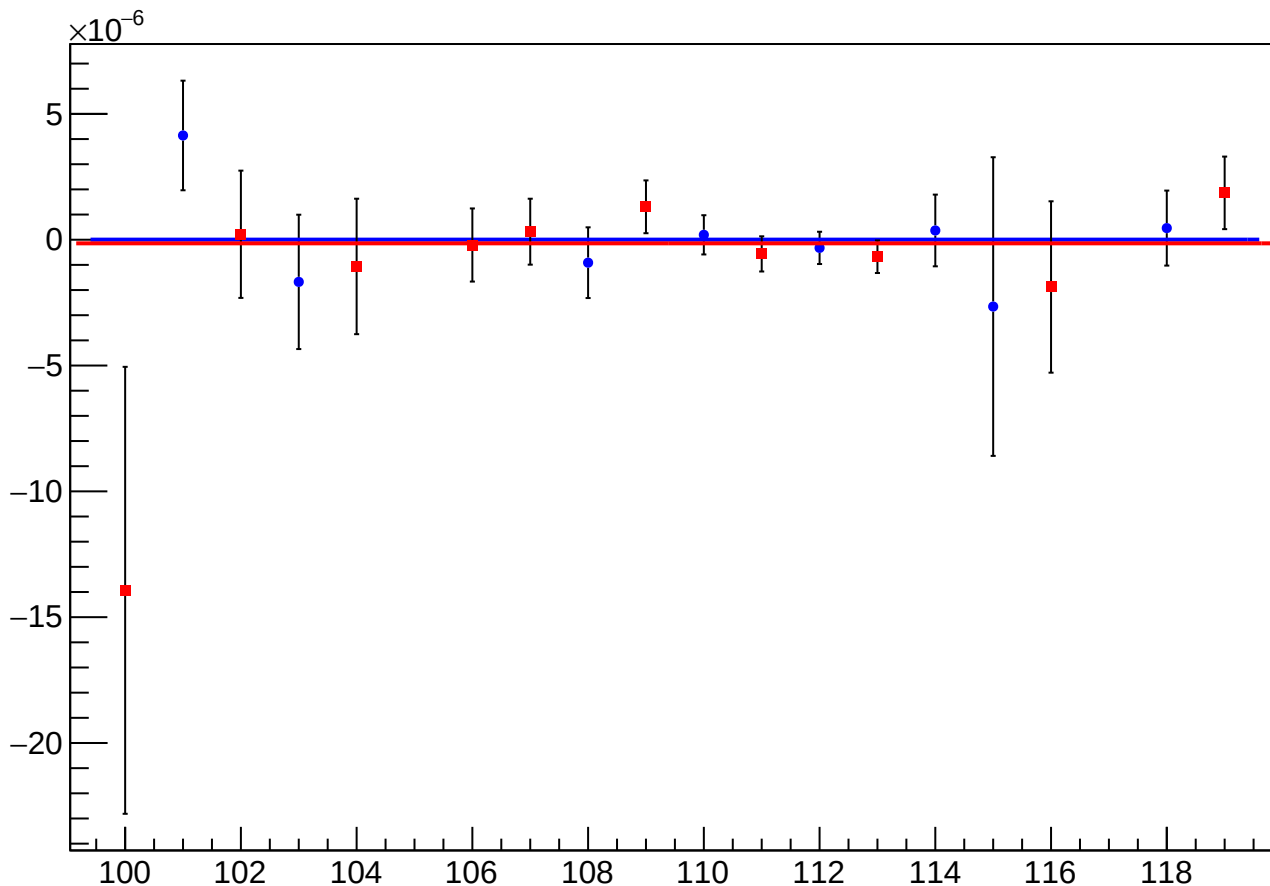
Right: 30.816+/-0.008 χ^2/NDF : 850689.2/17

In: 29.734+/-0.012 χ^2/NDF : 344454.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.816+/-0.008 χ^2/NDF : 850689.2/17

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

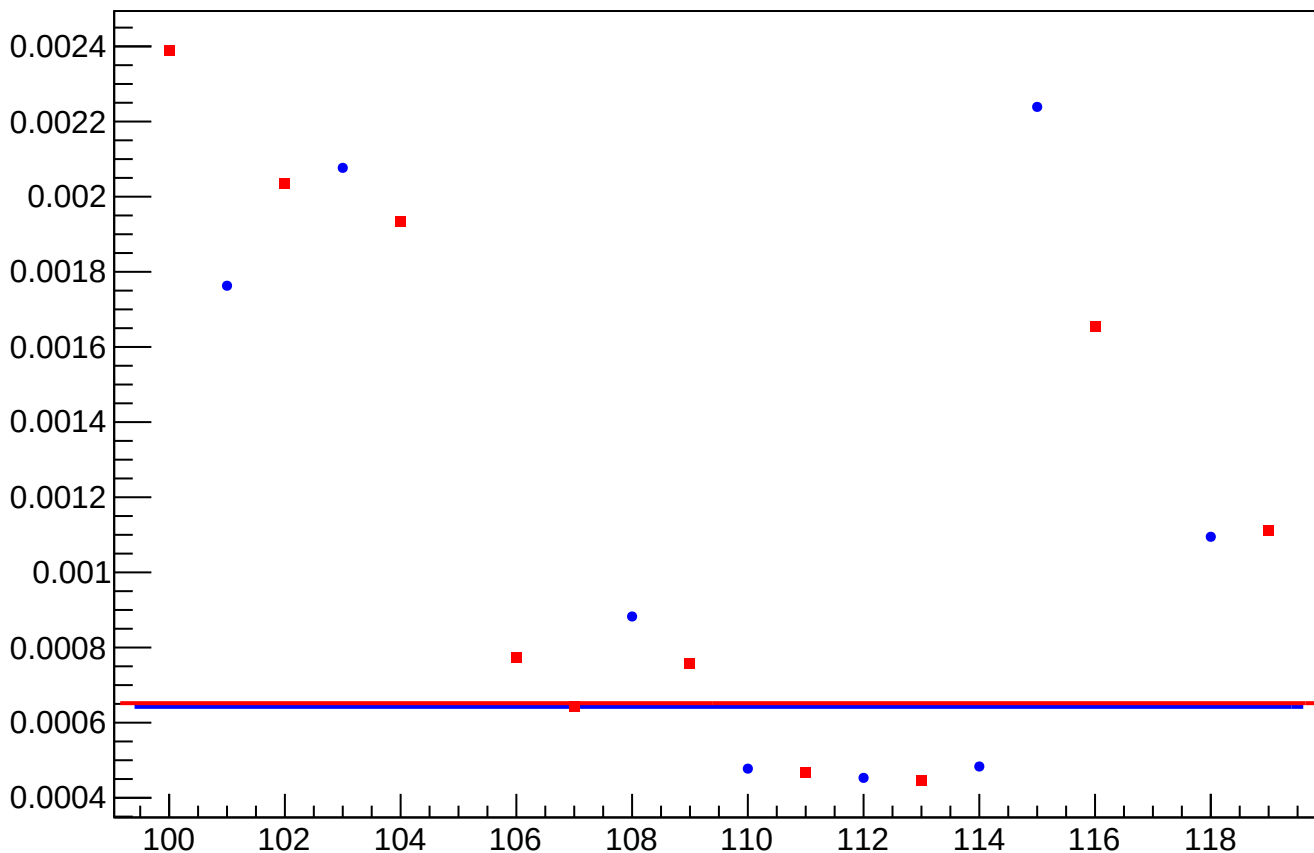
Right: -0.000+/-0.000 χ^2/NDF : 13.0/17

In: 0.000+/-0.000 χ^2/NDF : 5.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.0/17

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 1782995.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1884328.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

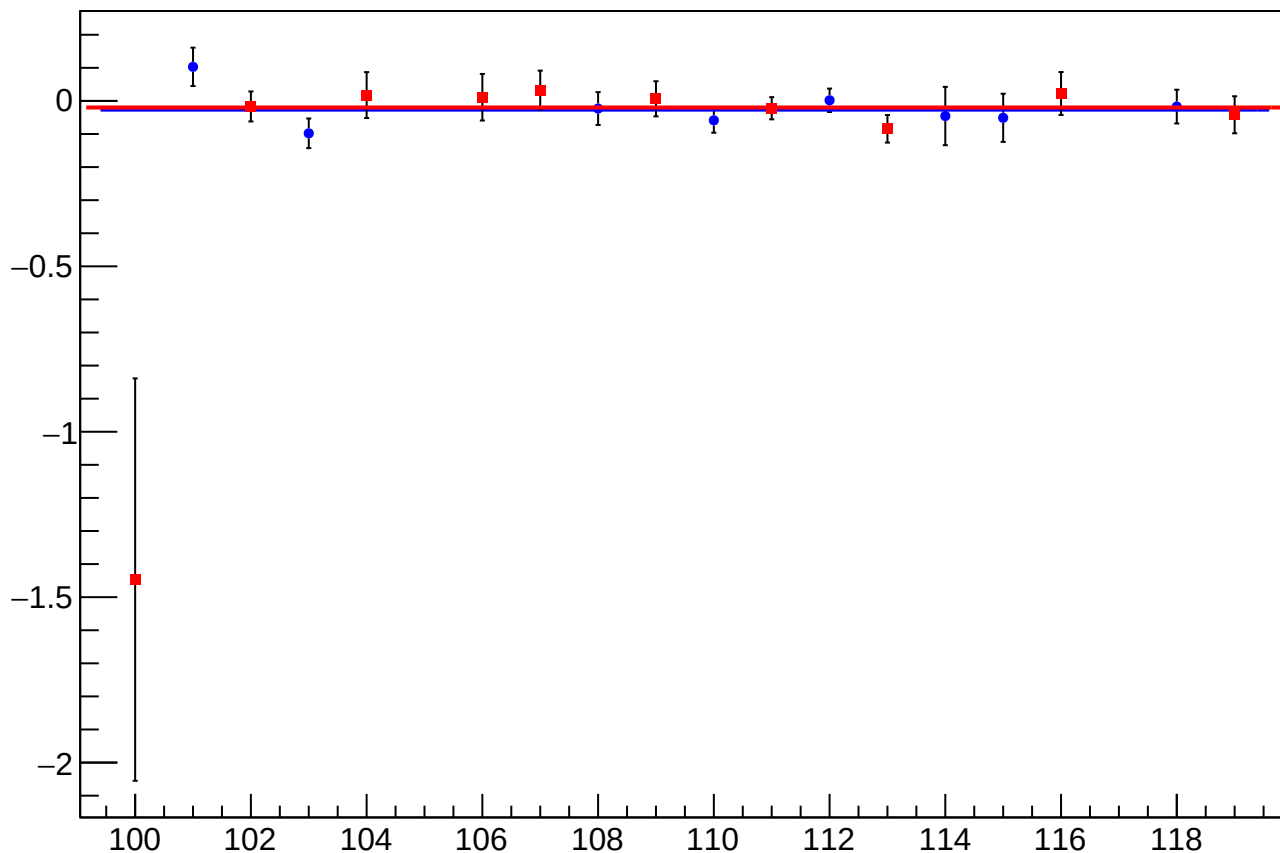
Right: 0.001+/-0.000 χ^2/NDF : 3667946.6/17

In: 0.001+/-0.000 χ^2/NDF :1782995.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3667946.6/17

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.017 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

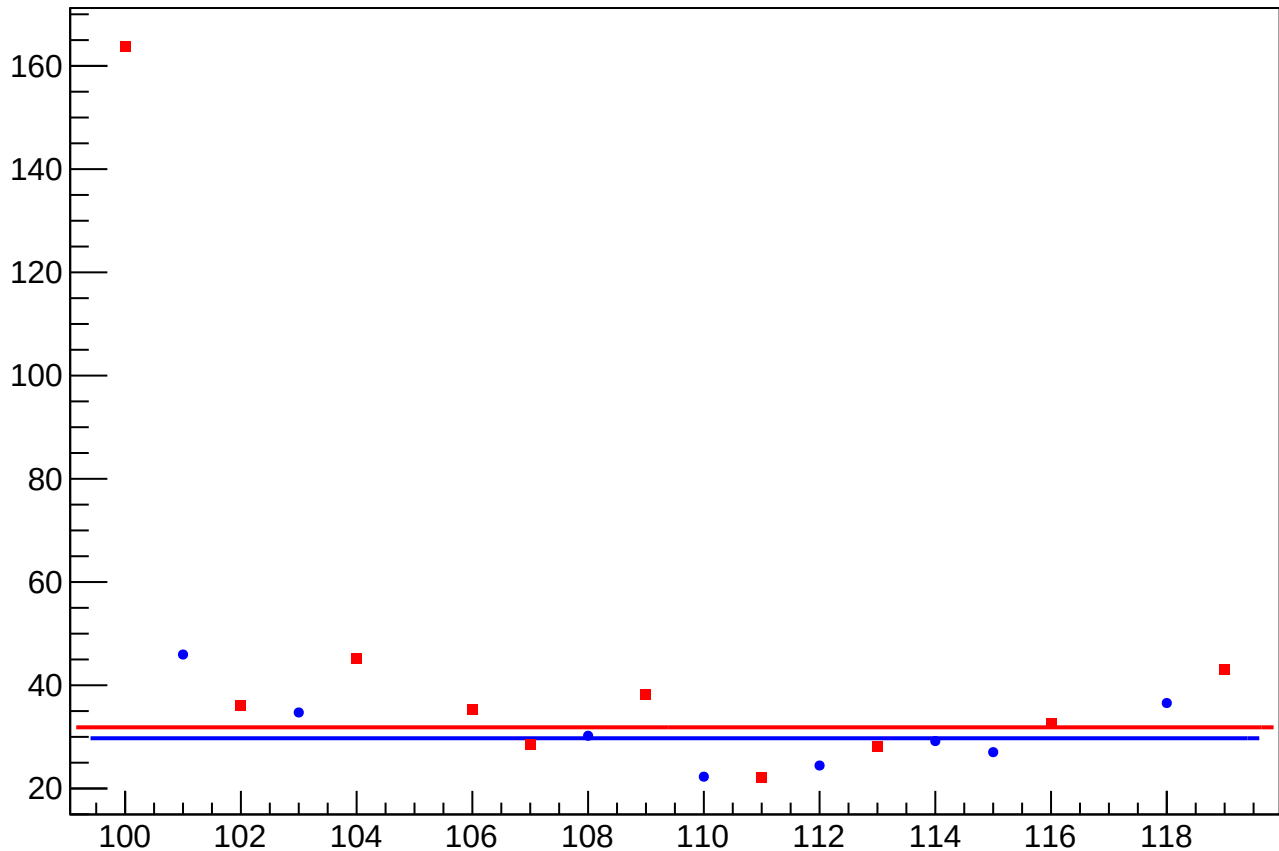
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

In: -0.026 $\pm$ 0.017 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.735+/-0.012 χ^2/NDF : 344461.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490542.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

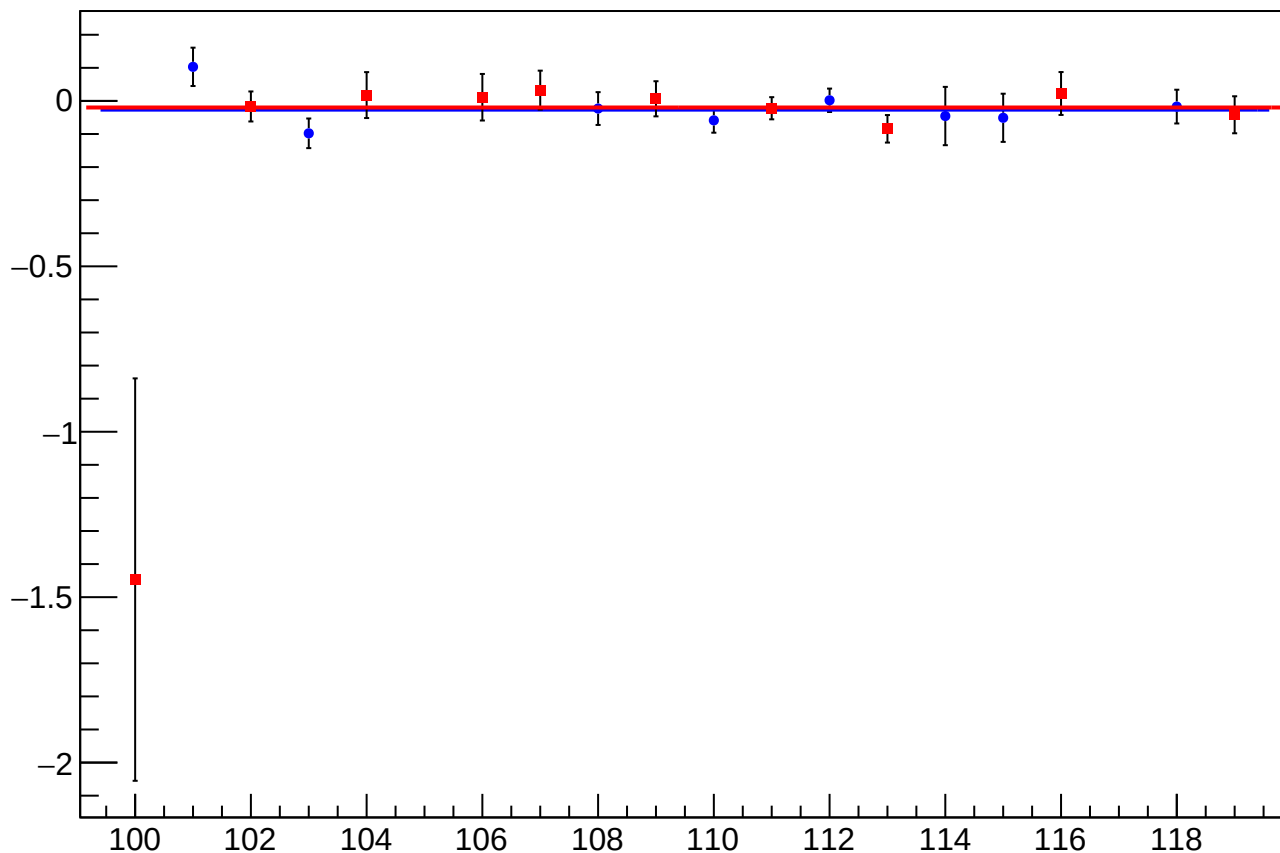
Right: 30.816+/-0.008 χ^2/NDF : 850697.7/17

In: 29.735+/-0.012 χ^2/NDF : 344461.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.816+/-0.008 χ^2/NDF : 850697.7/17

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 $\pm$ 0.017 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.017 χ^2 /NDF: 10.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

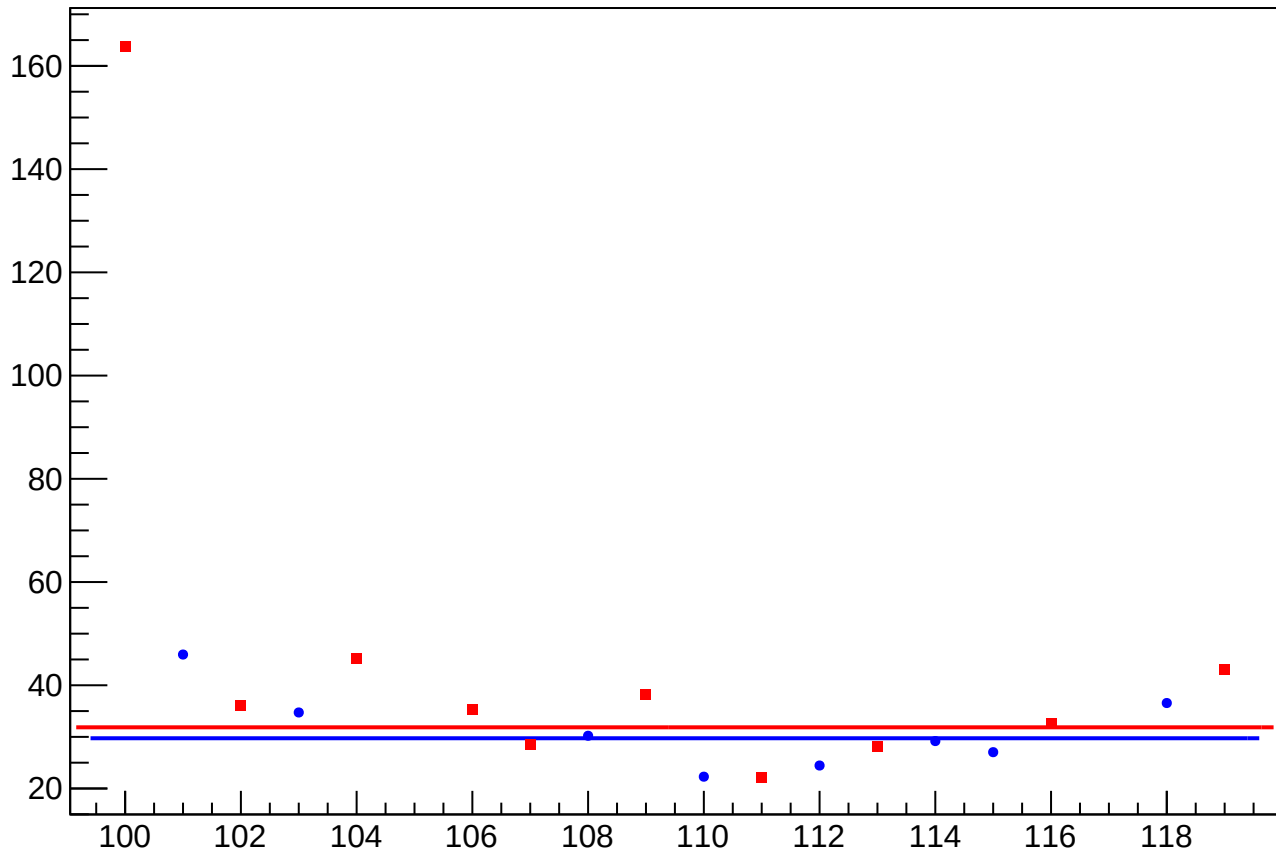
Right: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

In: -0.026 $\pm$ 0.017 χ^2 /NDF:9.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.023 $\pm$ 0.012 χ^2 /NDF: 19.2/17

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.735+/-0.012 χ^2/NDF : 344461.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.854+/-0.012 χ^2/NDF : 490542.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

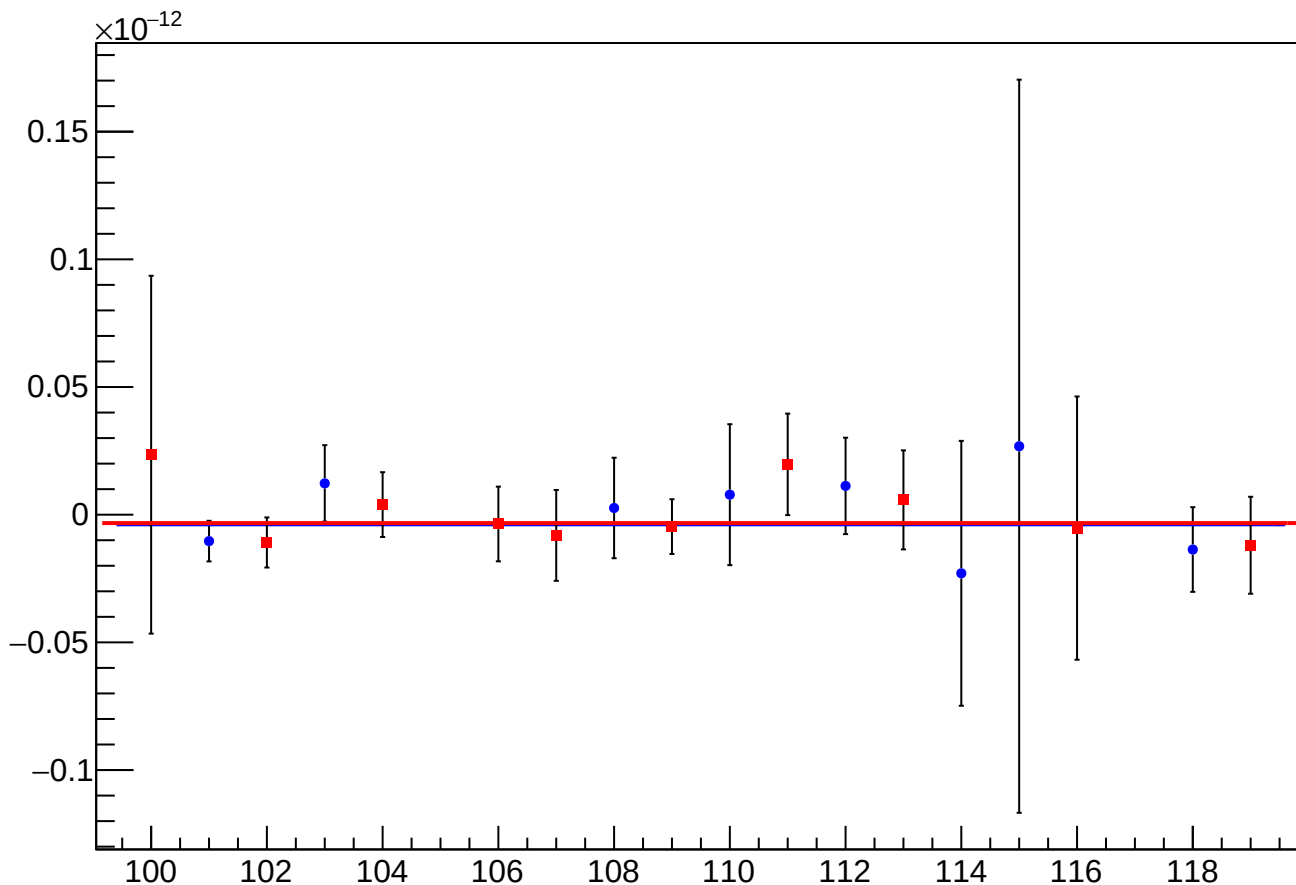
Right: 30.816+/-0.008 χ^2/NDF : 850697.7/17

In: 29.735+/-0.012 χ^2/NDF : 344461.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.816+/-0.008 χ^2/NDF : 850697.7/17

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 3.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

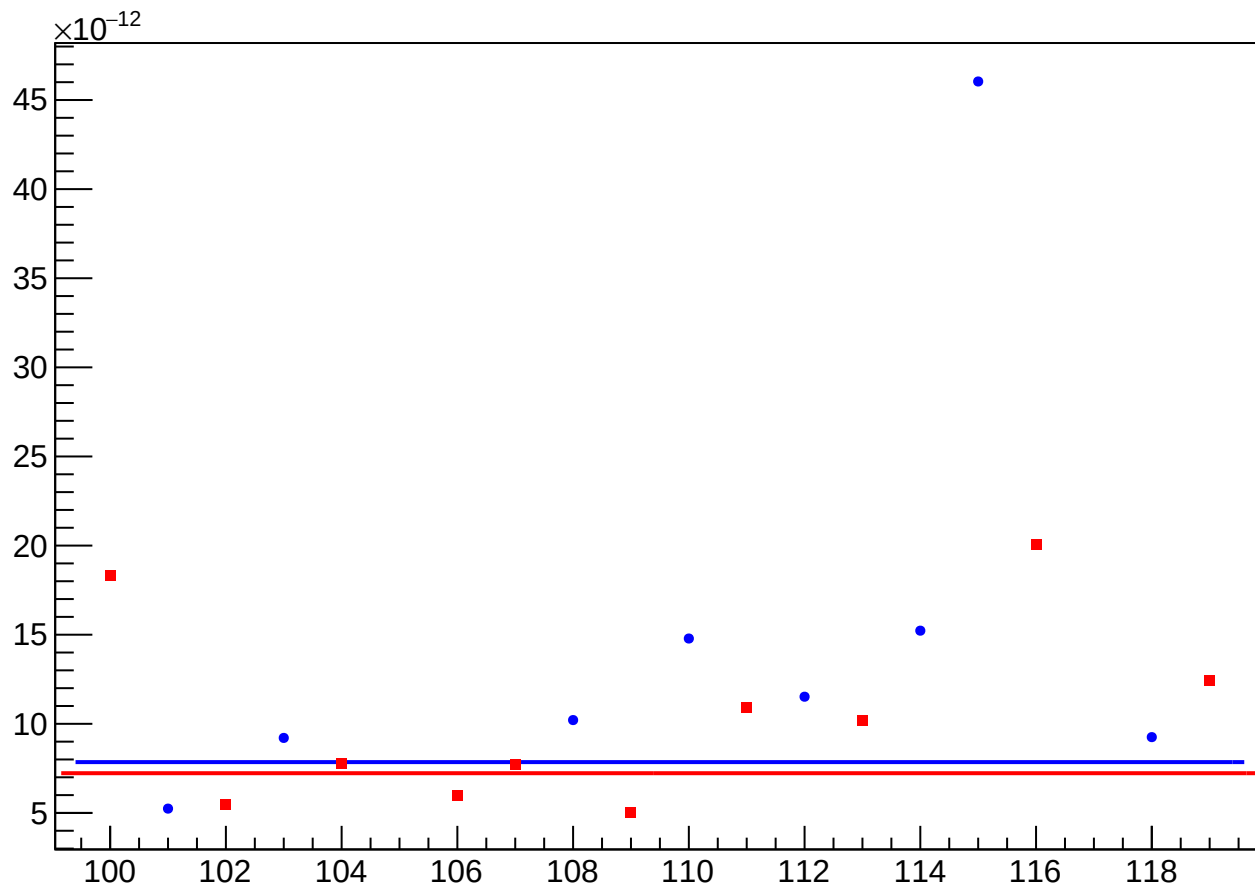
Right: -0.000+/-0.000 χ^2/NDF : 6.2/17

In: -0.000+/-0.000 χ^2/NDF : 3.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.2/17

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 658562.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 608272.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

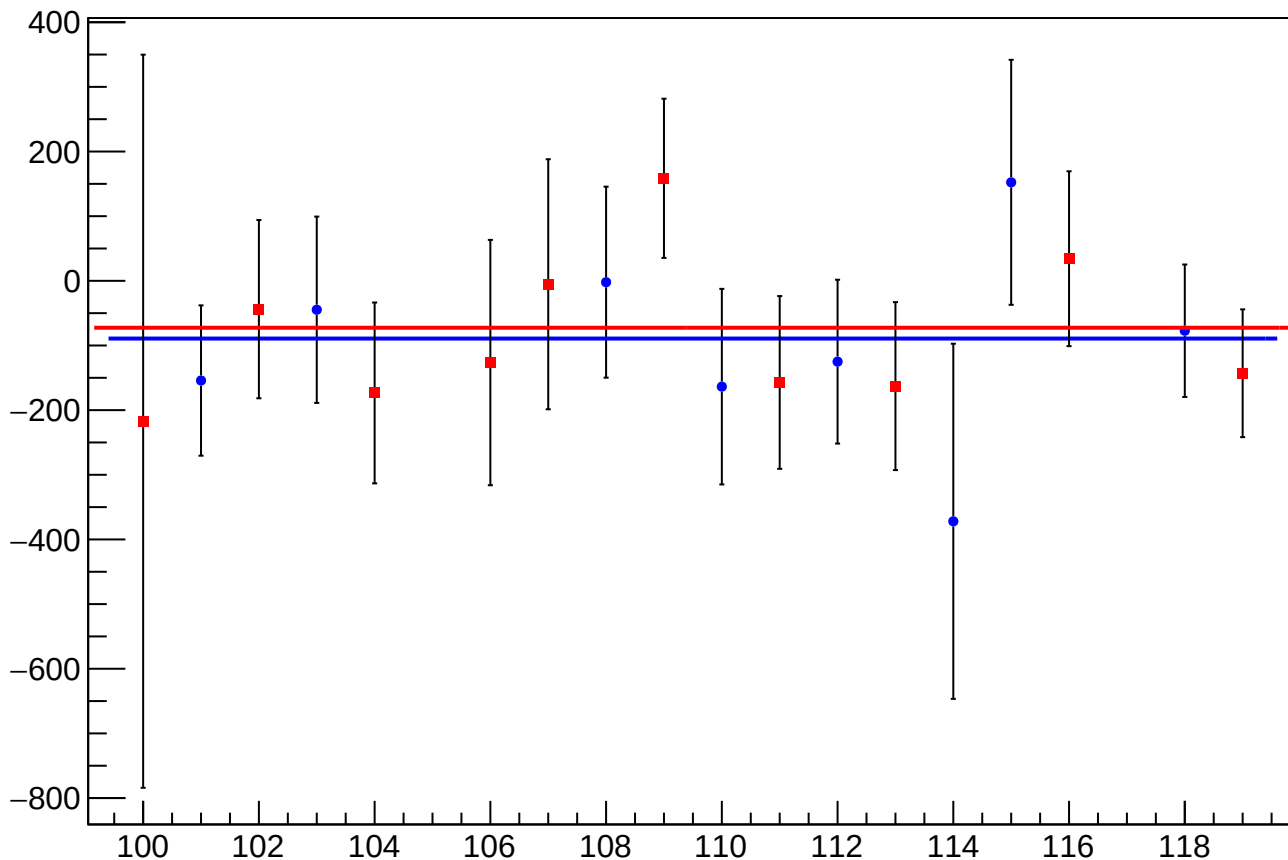
Right: 0.000+/-0.000 χ^2/NDF : 1280634.1/17

In: 0.000+/-0.000 χ^2/NDF : 658562.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1280634.1/17

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.274+/-49.363 χ^2/NDF : 3.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -72.553+/-44.735 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

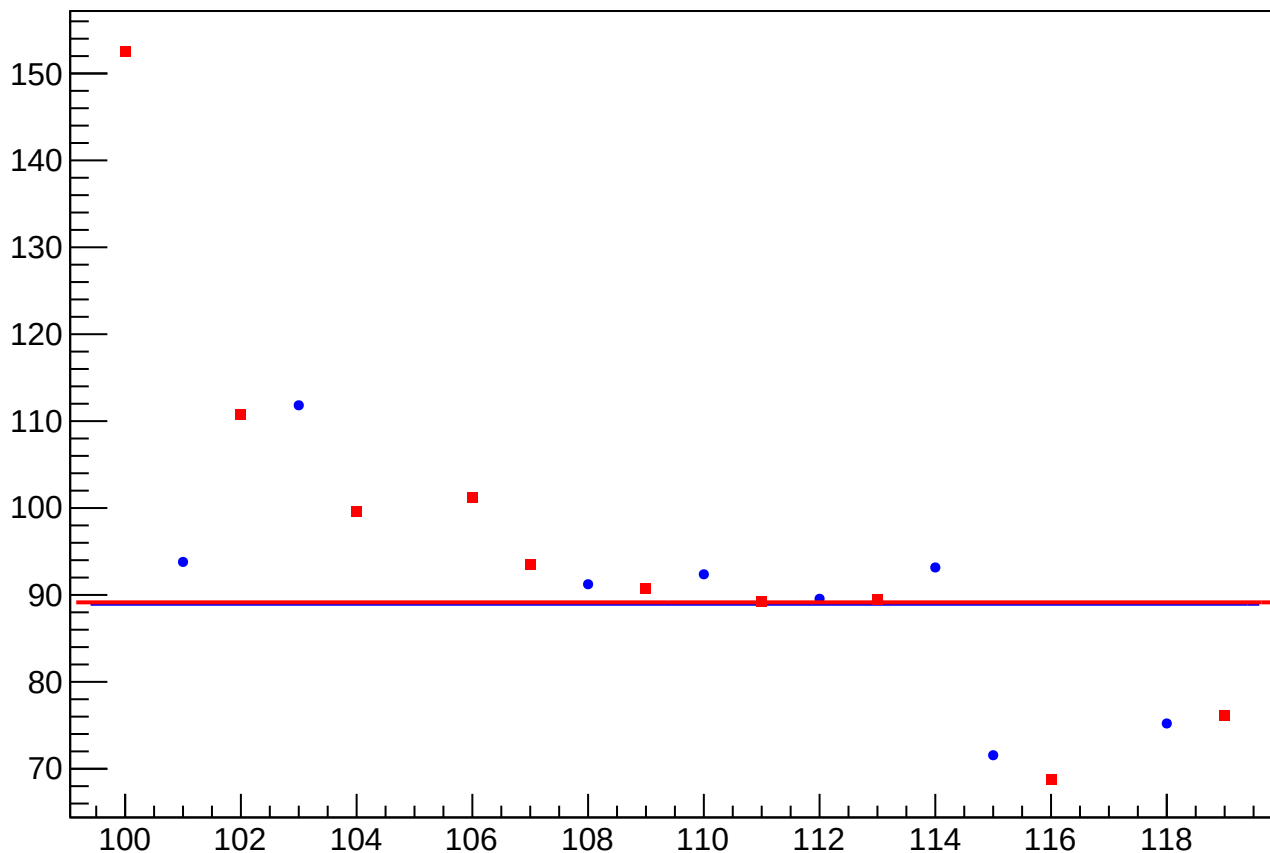
Right: -80.093+/-33.148 χ^2/NDF : 10.2/17

In: -89.274+/-49.363 χ^2/NDF :3.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -80.093+/-33.148 χ^2/NDF : 10.2/17

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.985+/-0.035 χ^2/NDF : 108696.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.147+/-0.032 χ^2/NDF : 175079.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

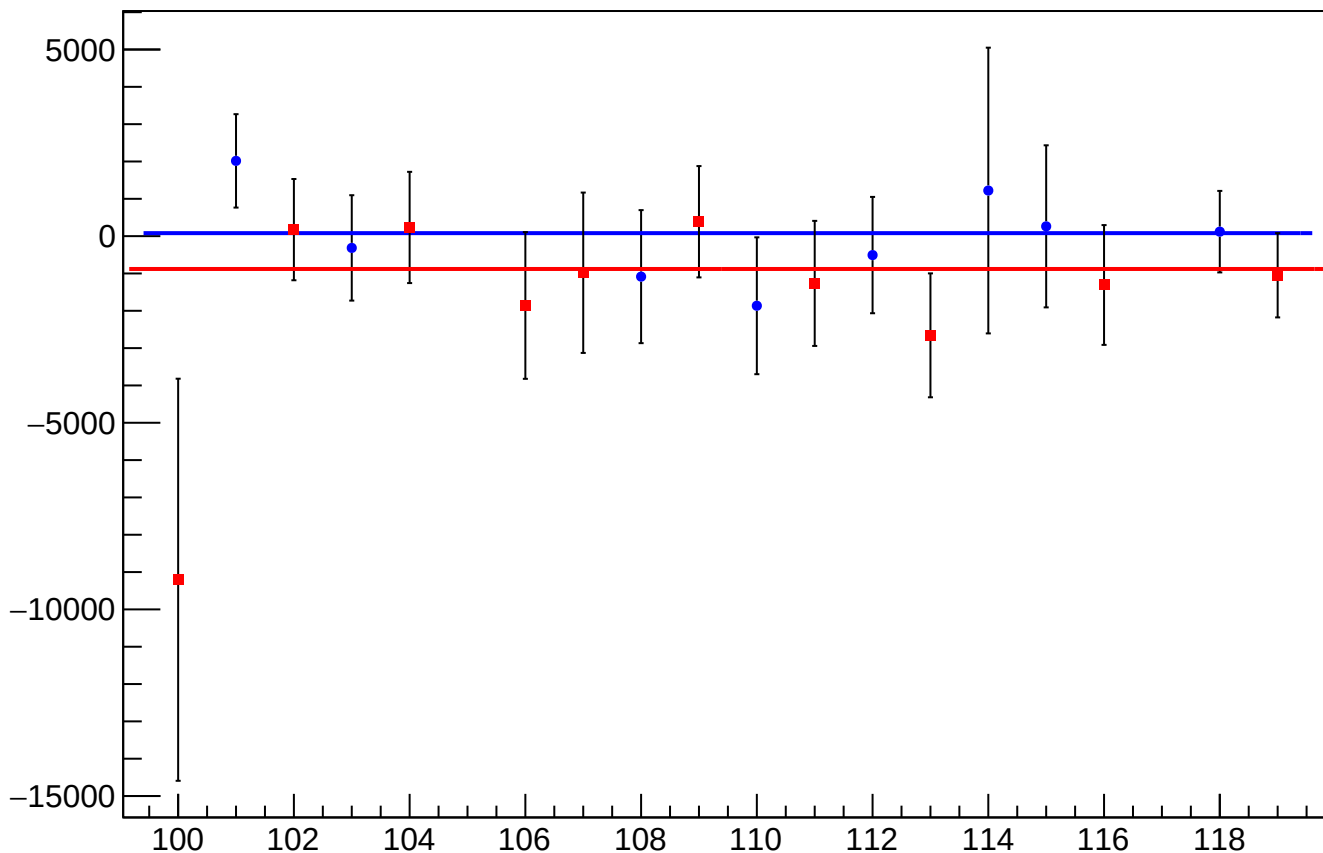
Right: 89.074+/-0.023 χ^2/NDF : 283787.4/17

In: 88.985+/-0.035 χ^2/NDF : 108696.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.074+/-0.023 χ^2/NDF : 283787.4/17

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 80.409+/-551.854 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -879.724+/-509.968 χ^2/NDF : 5.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

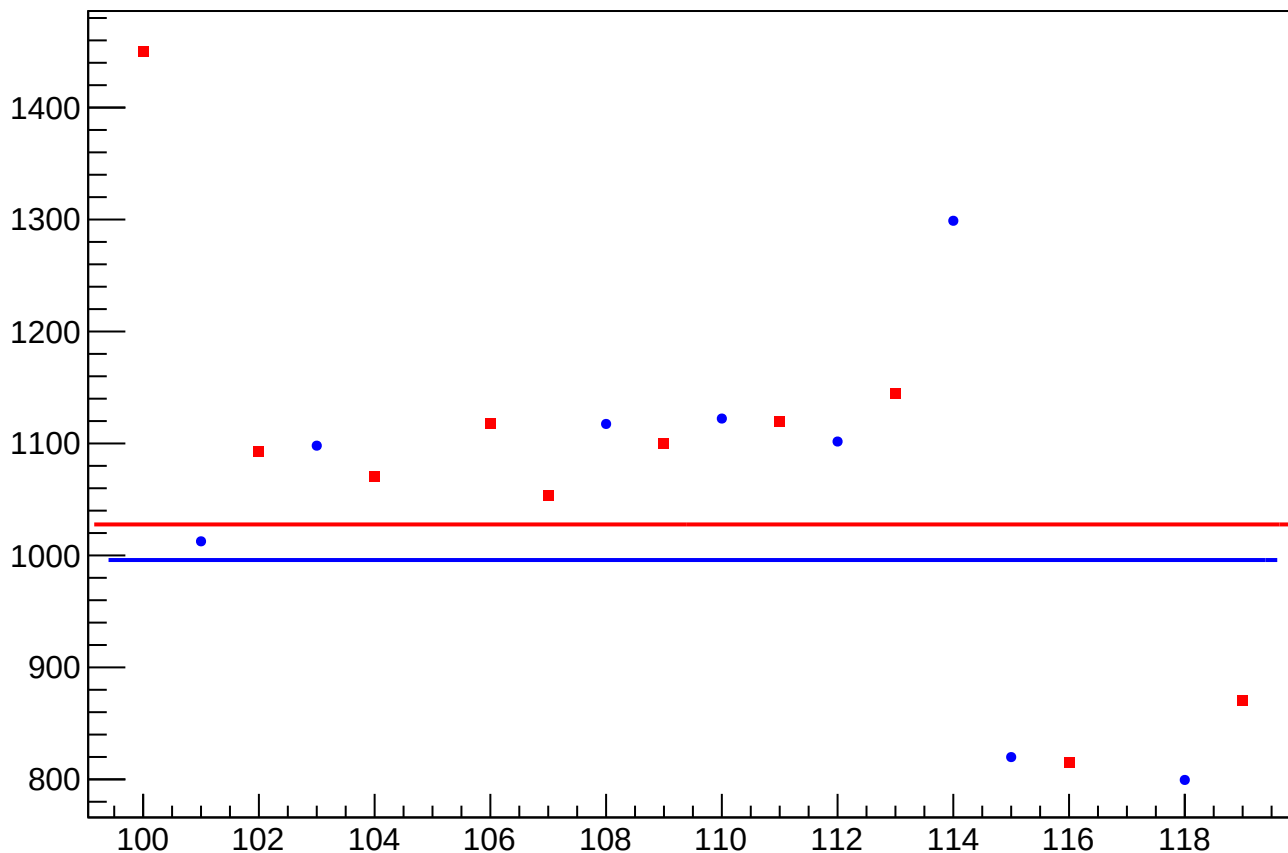
Right: -437.474+/-374.535 χ^2/NDF : 11.7/17

In: 80.409+/-551.854 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.474+/-374.535 χ^2/NDF : 11.7/17

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 995.891+/-0.390 χ^2/NDF : 129230.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1027.680+/-0.361 χ^2/NDF : 117267.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

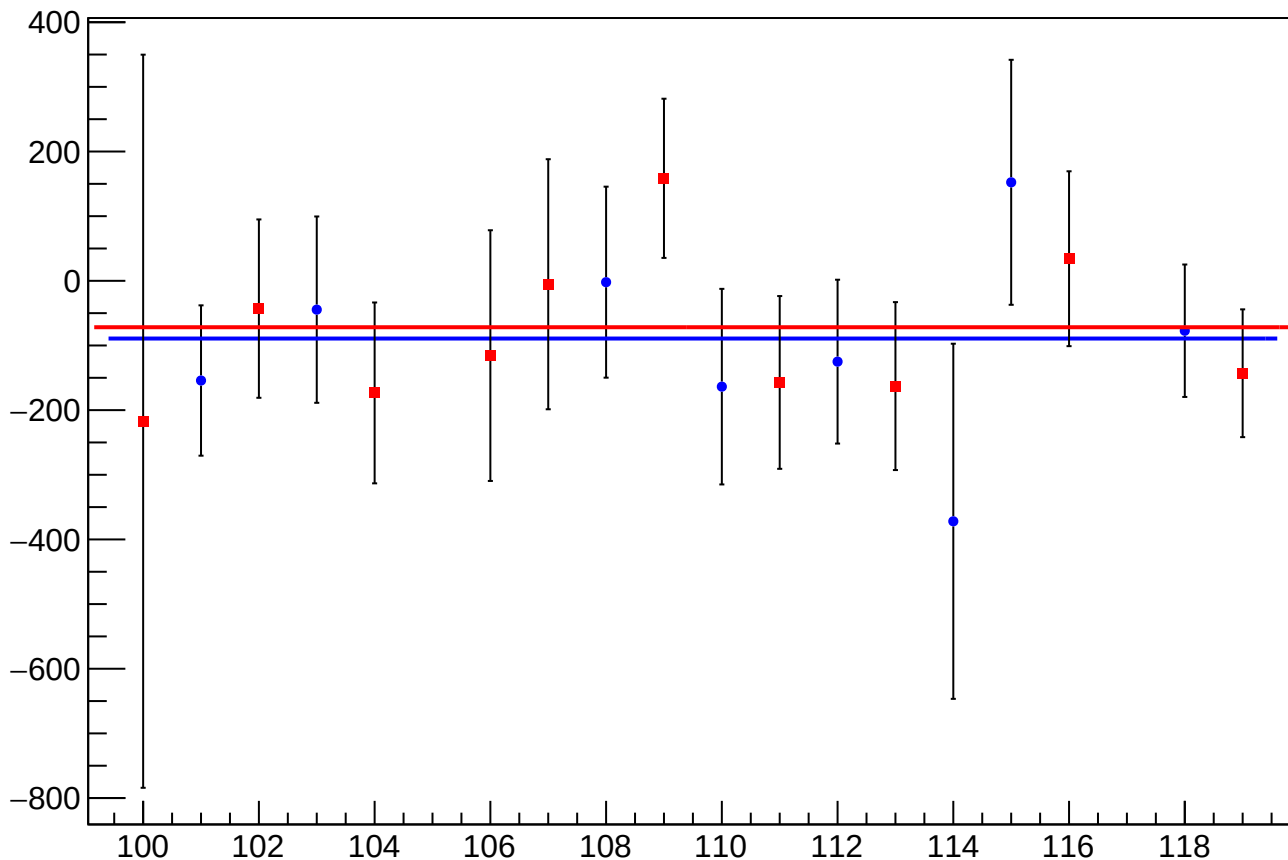
Right: 1013.037+/-0.265 χ^2/NDF : 250077.7/17

In: 995.891+/-0.390 χ^2/NDF : 129230.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.037+/-0.265 χ^2/NDF : 250077.7/17

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.262 $\pm$ 49.363 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.774 $\pm$ 44.791 χ^2 /NDF: 6.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

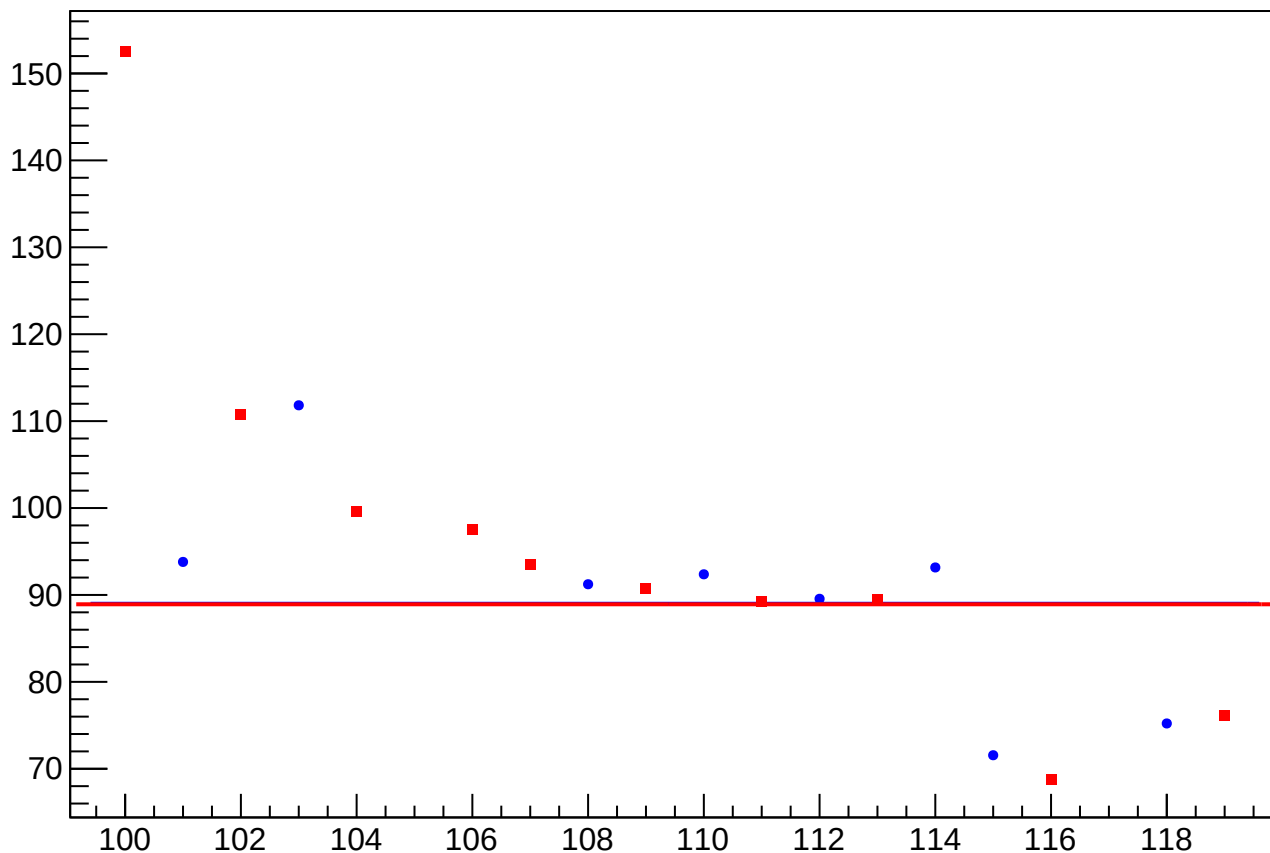
Right: -79.671 $\pm$ 33.171 χ^2 /NDF: 10.2/17

In: -89.262 $\pm$ 49.363 χ^2 /NDF:3.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.671 $\pm$ 33.171 χ^2 /NDF: 10.2/17

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.985+/-0.035 χ^2/NDF : 108697.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.926+/-0.032 χ^2/NDF : 170890.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

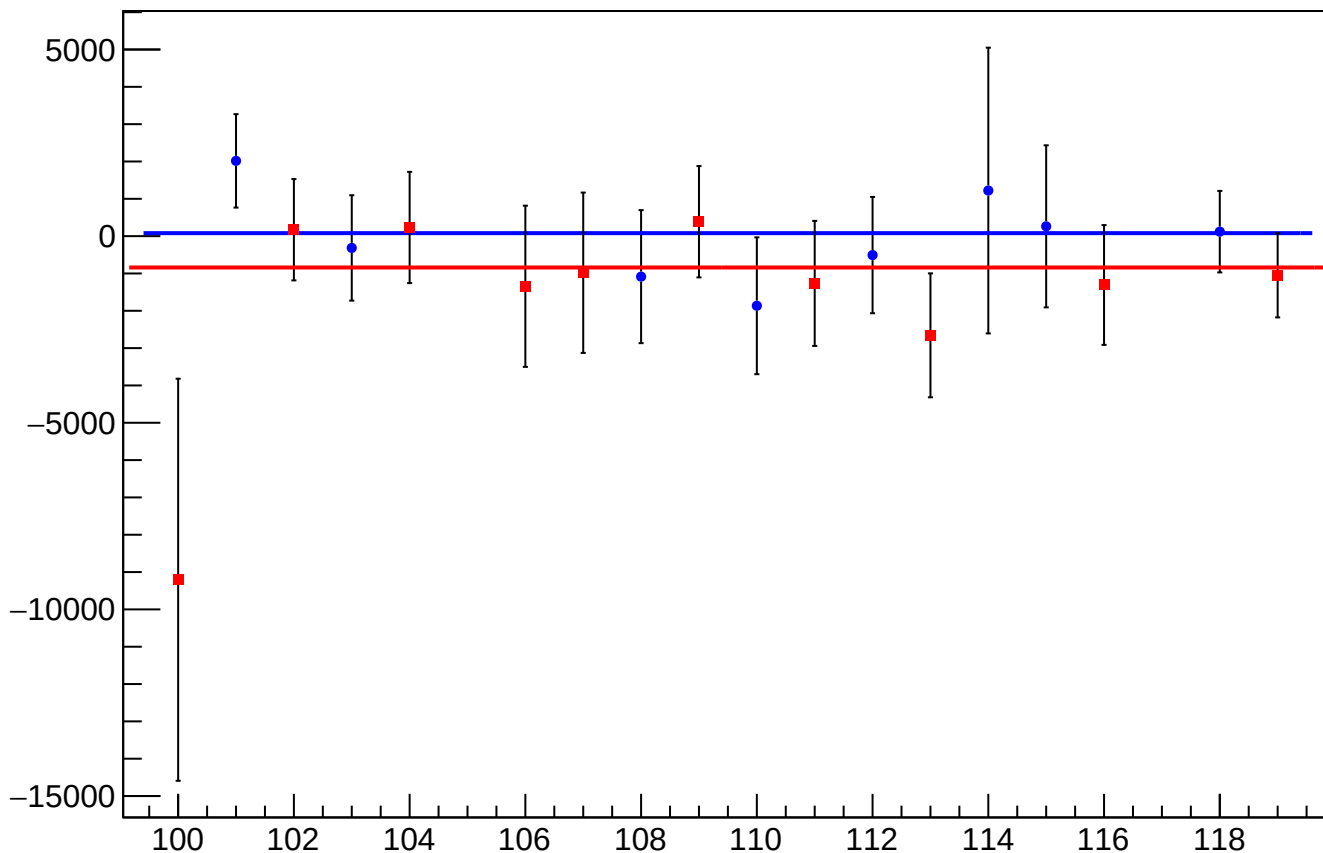
Right: 88.952+/-0.023 χ^2/NDF : 279590.0/17

In: 88.985+/-0.035 χ^2/NDF : 108697.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.952+/-0.023 χ^2/NDF : 279590.0/17

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 80.339+/-551.859 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -839.914+/-512.981 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

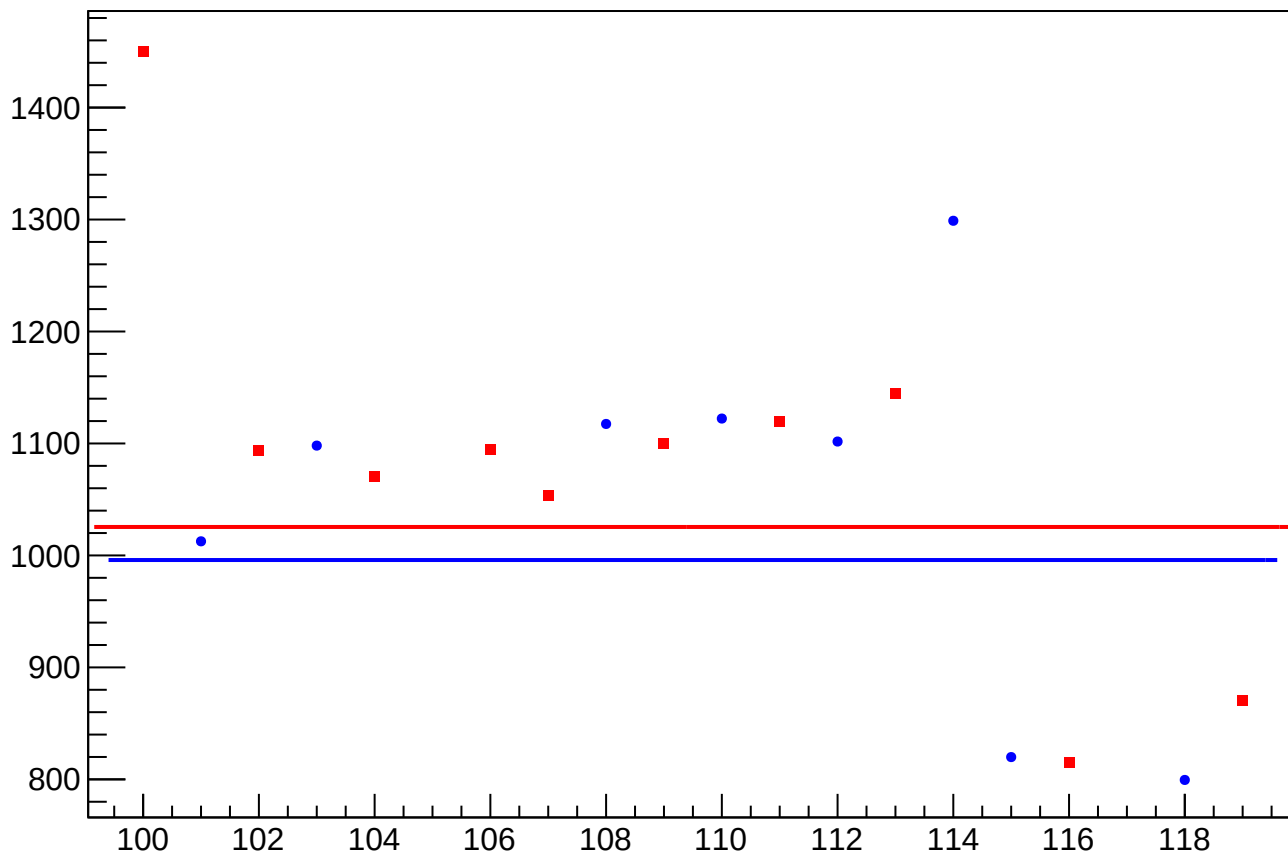
Right: -413.341+/-375.726 χ^2/NDF : 11.4/17

In: 80.339+/-551.859 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.341+/-375.726 χ^2/NDF : 11.4/17

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 995.898+/-0.390 χ^2/NDF : 129241.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.424+/-0.363 χ^2/NDF : 115057.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

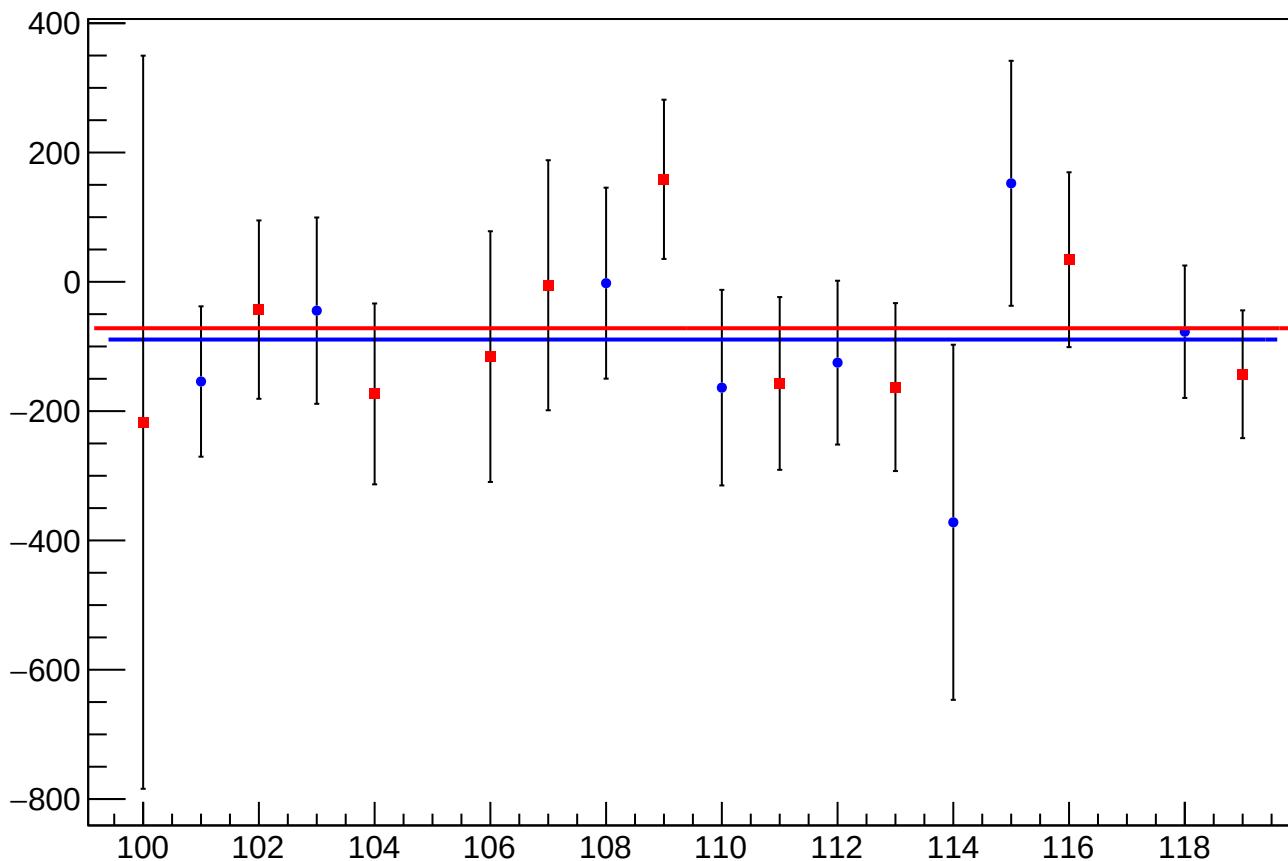
Right: 1011.737+/-0.266 χ^2/NDF : 247370.1/17

In: 995.898+/-0.390 χ^2/NDF : 129241.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.737+/-0.266 χ^2/NDF : 247370.1/17

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -89.262 $\pm$ 49.363 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -71.774 $\pm$ 44.791 χ^2 /NDF: 6.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

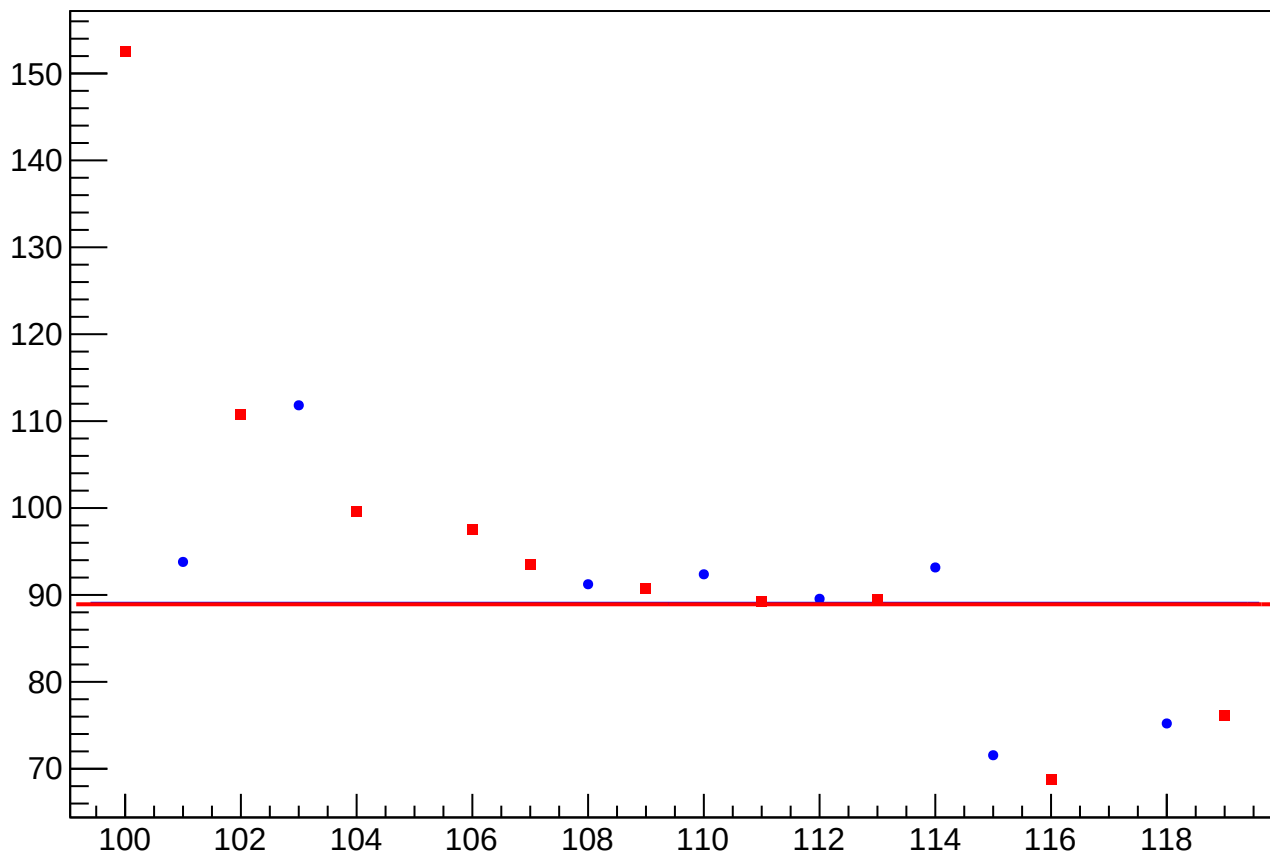
Right: -79.671 $\pm$ 33.171 χ^2 /NDF: 10.2/17

In: -89.262 $\pm$ 49.363 χ^2 /NDF:3.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.671 $\pm$ 33.171 χ^2 /NDF: 10.2/17

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 88.985+/-0.035 χ^2/NDF : 108697.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.926+/-0.032 χ^2/NDF : 170890.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

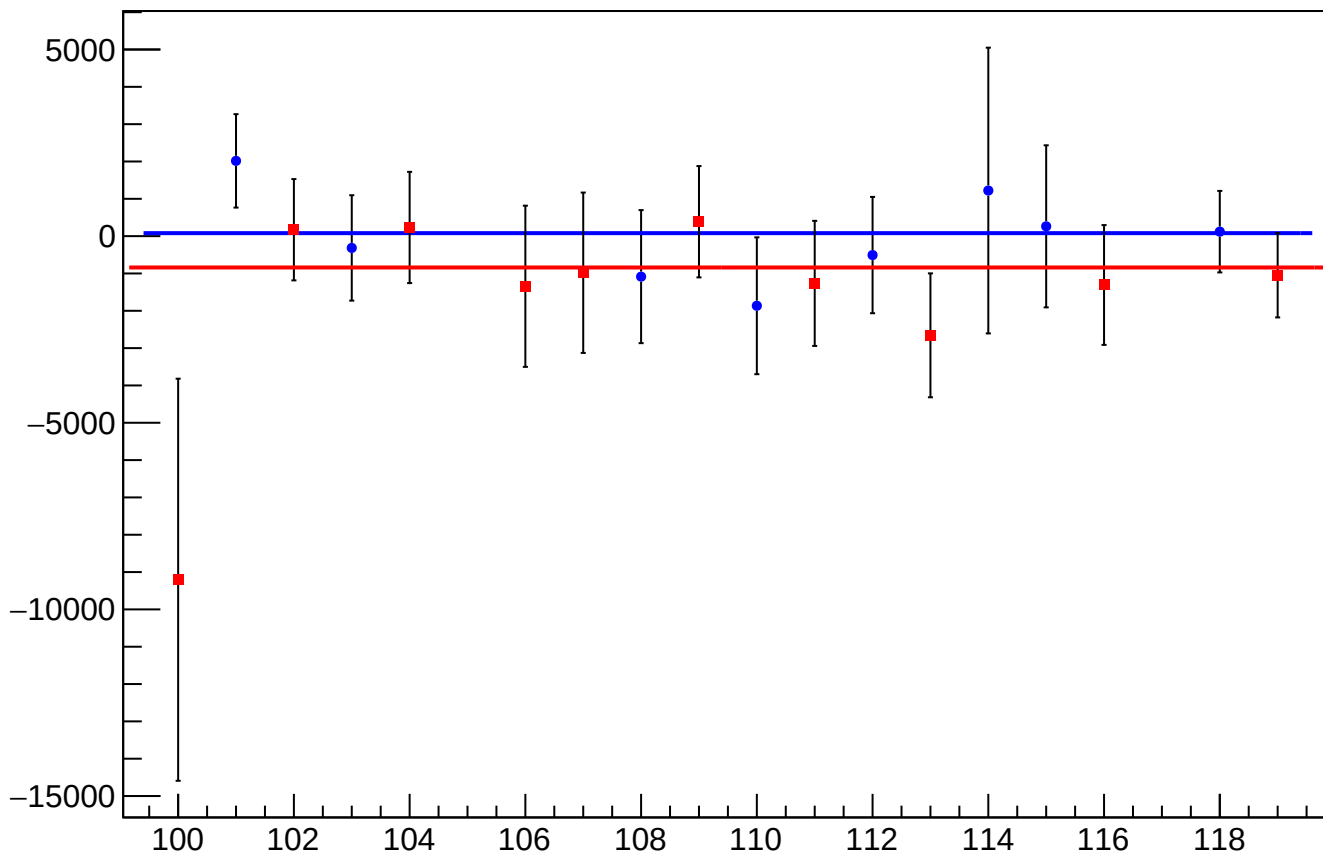
Right: 88.952+/-0.023 χ^2/NDF : 279590.0/17

In: 88.985+/-0.035 χ^2/NDF : 108697.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.952+/-0.023 χ^2/NDF : 279590.0/17

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 80.339+/-551.859 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -839.914+/-512.981 χ^2/NDF : 5.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

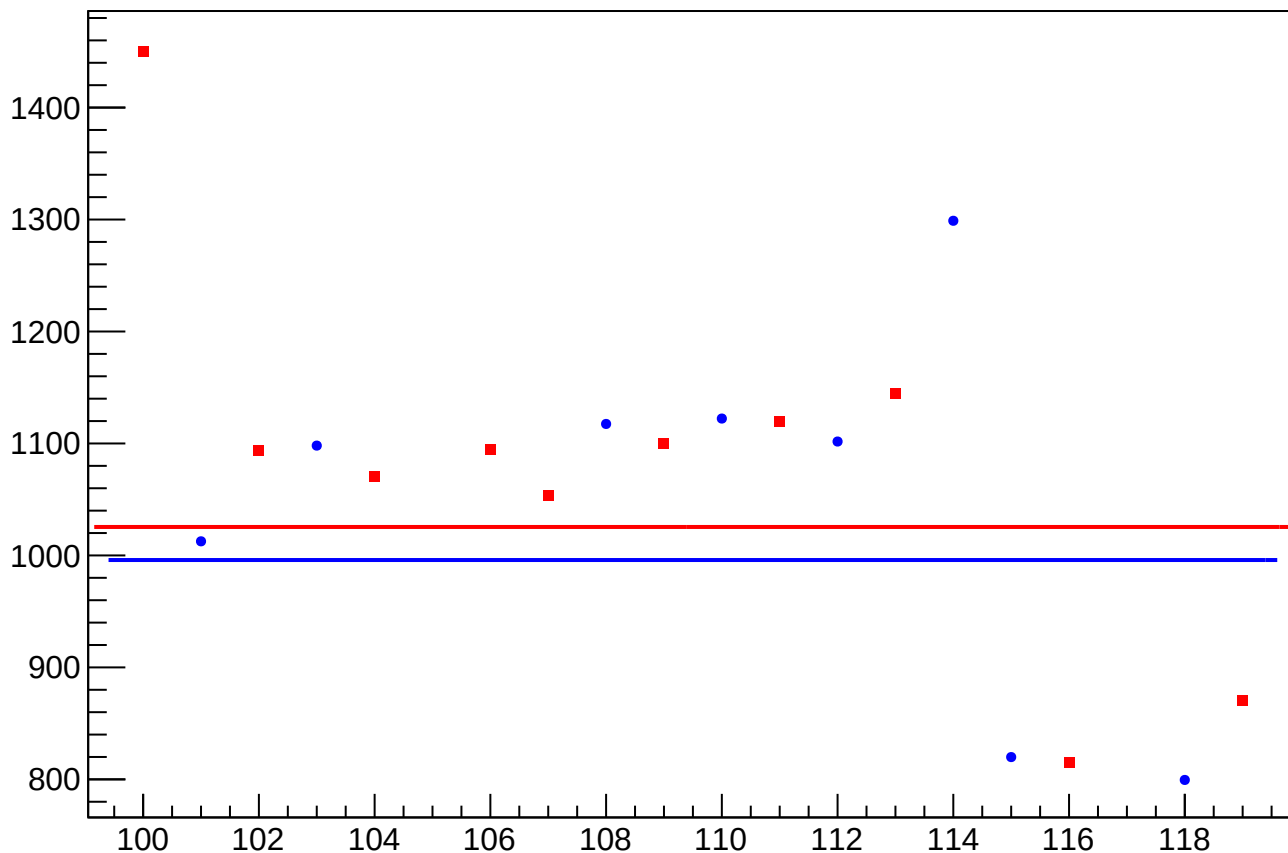
Right: -413.341+/-375.726 χ^2/NDF : 11.4/17

In: 80.339+/-551.859 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.341+/-375.726 χ^2/NDF : 11.4/17

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 995.898+/-0.390 χ^2/NDF : 129241.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.424+/-0.363 χ^2/NDF : 115057.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

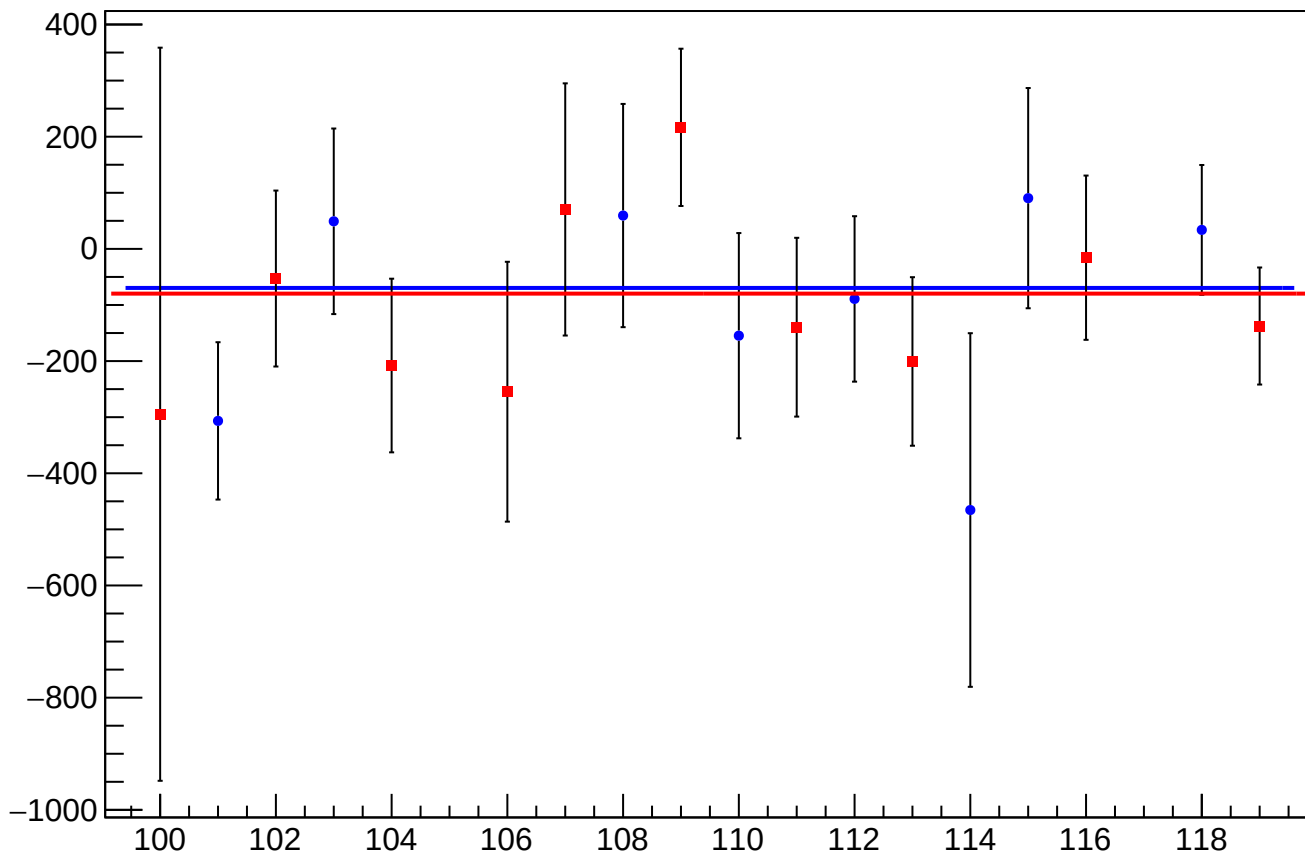
Right: 1011.737+/-0.266 χ^2/NDF : 247370.1/17

In: 995.898+/-0.390 χ^2/NDF : 129241.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1011.737+/-0.266 χ^2/NDF : 247370.1/17

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -69.599 $\pm$ 57.811 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -79.745 $\pm$ 50.234 χ^2 /NDF: 7.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

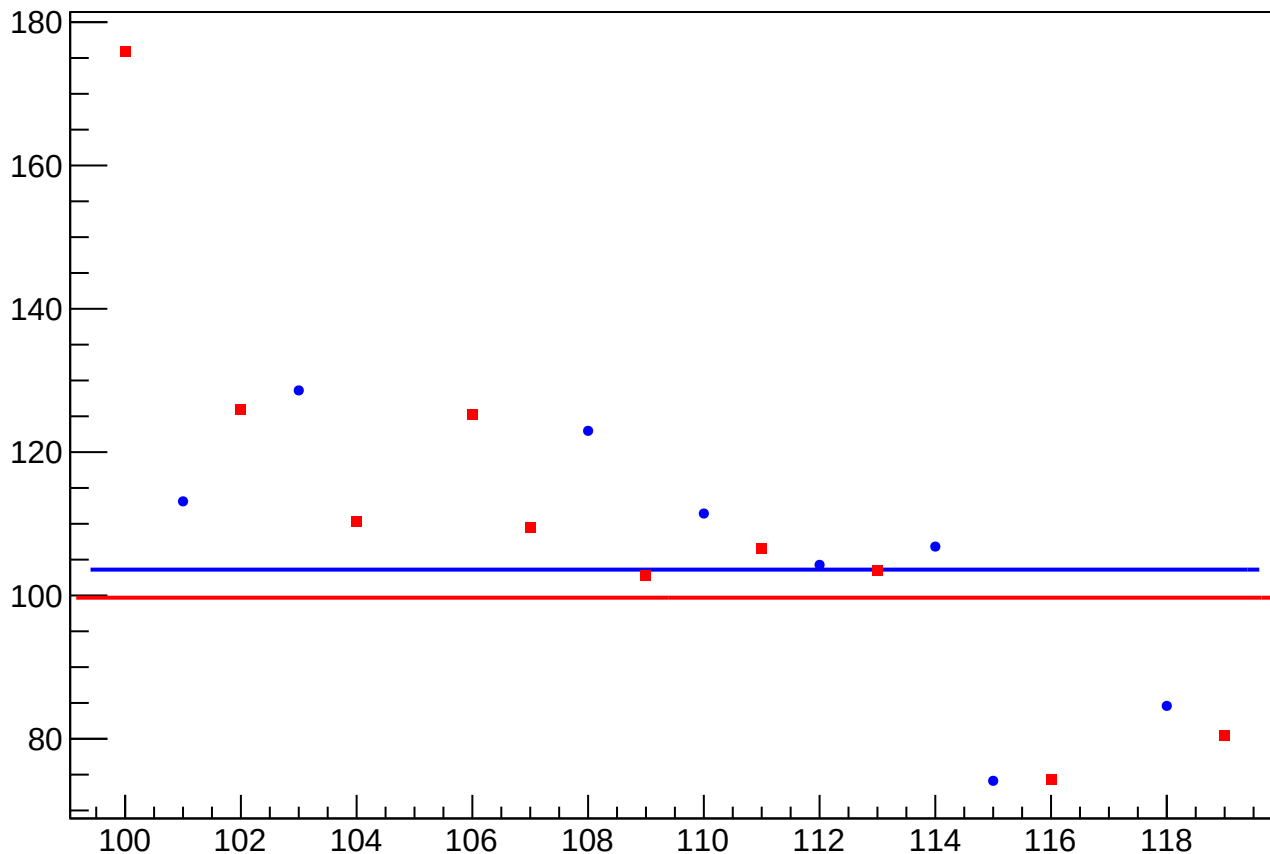
Right: -75.380 $\pm$ 37.919 χ^2 /NDF: 14.7/17

In: -69.599 $\pm$ 57.811 χ^2 /NDF:7.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -75.380 $\pm$ 37.919 χ^2 /NDF: 14.7/17

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 103.606+/-0.041 χ^2/NDF : 176862.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.691+/-0.036 χ^2/NDF : 254861.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

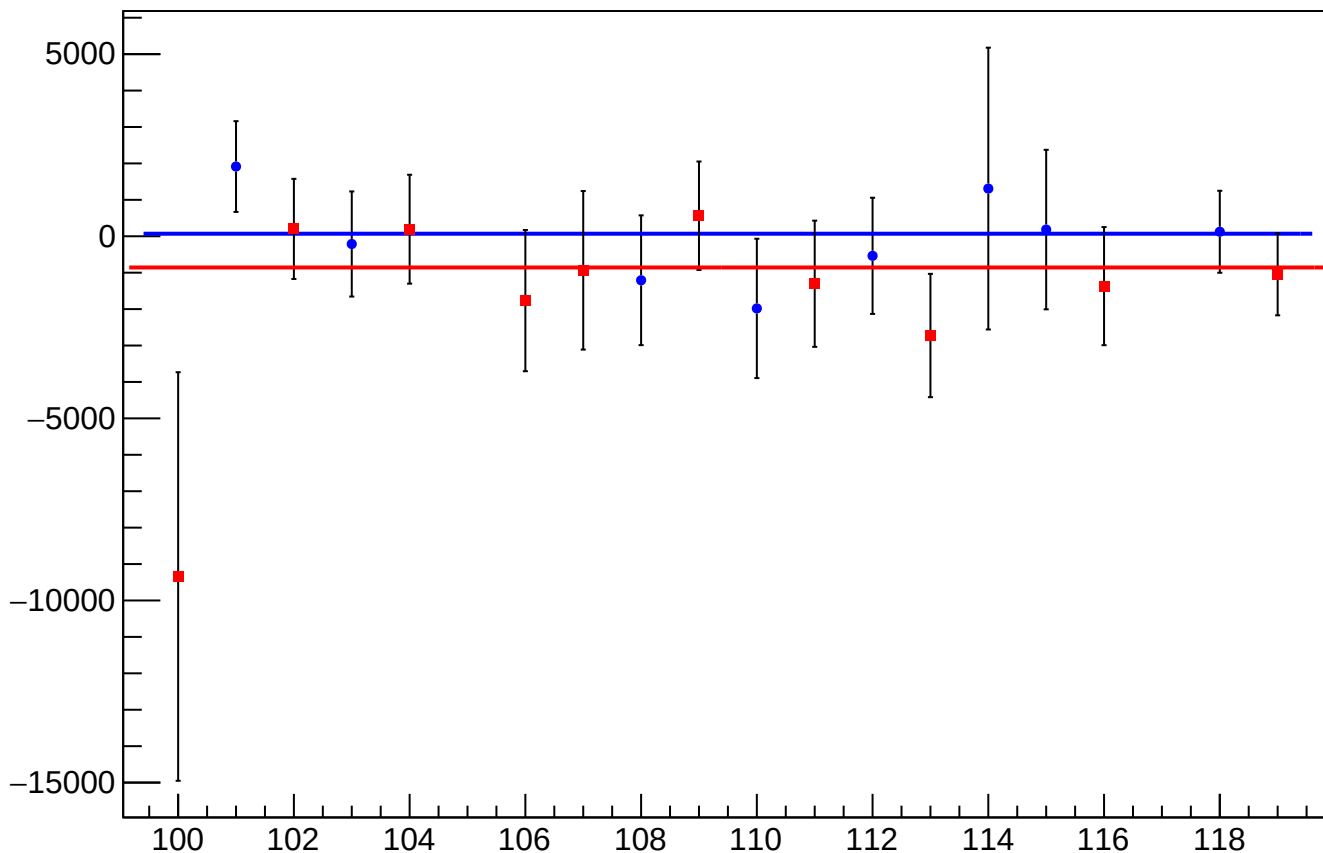
Right: 101.375+/-0.027 χ^2/NDF : 436950.1/17

In: 103.606+/-0.041 χ^2/NDF : 176862.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.375+/-0.027 χ^2/NDF : 436950.1/17

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.597+/-561.633 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -857.230+/-513.644 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

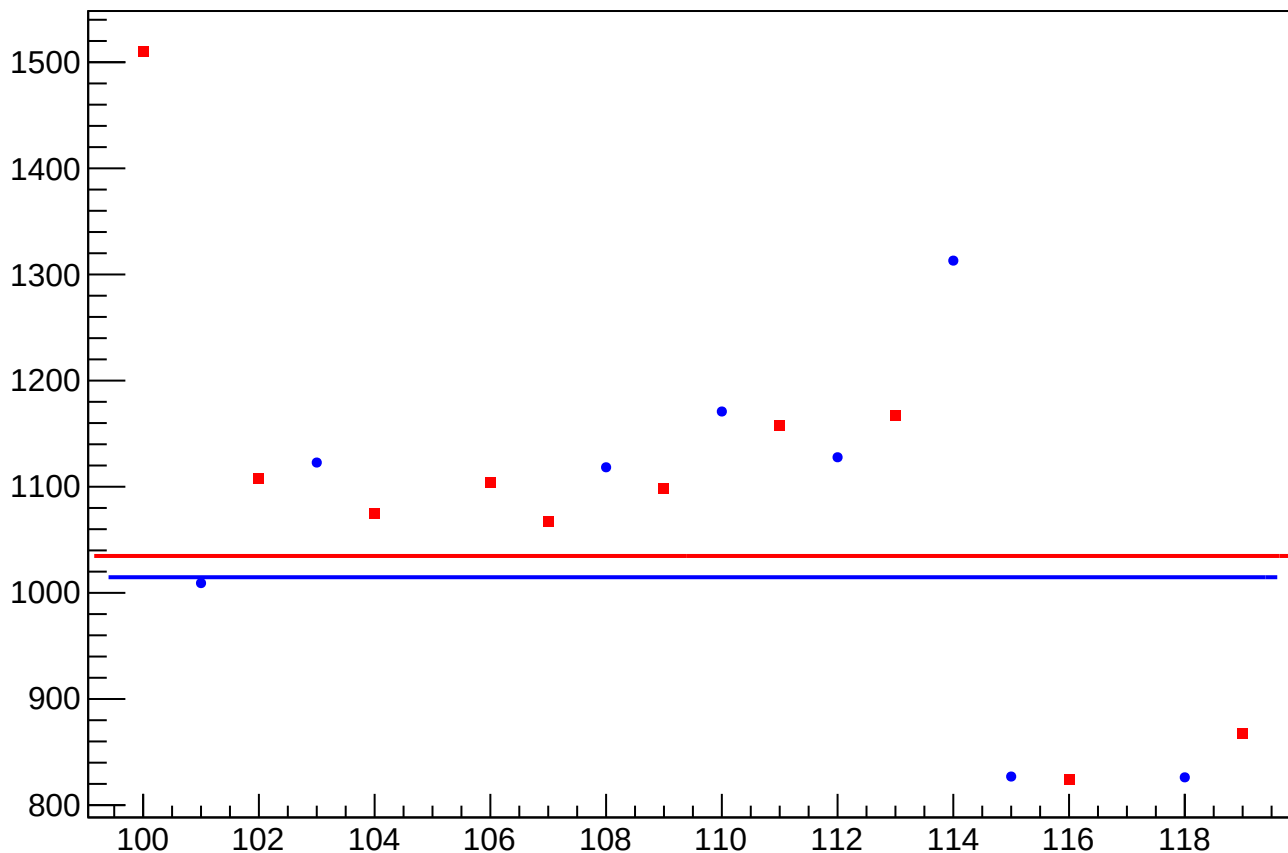
Right: -435.097+/-379.033 χ^2/NDF : 11.5/17

In: 69.597+/-561.633 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.097+/-379.033 χ^2/NDF : 11.5/17

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1014.736+/-0.397 χ^2/NDF : 124113.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.765+/-0.363 χ^2/NDF : 128551.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

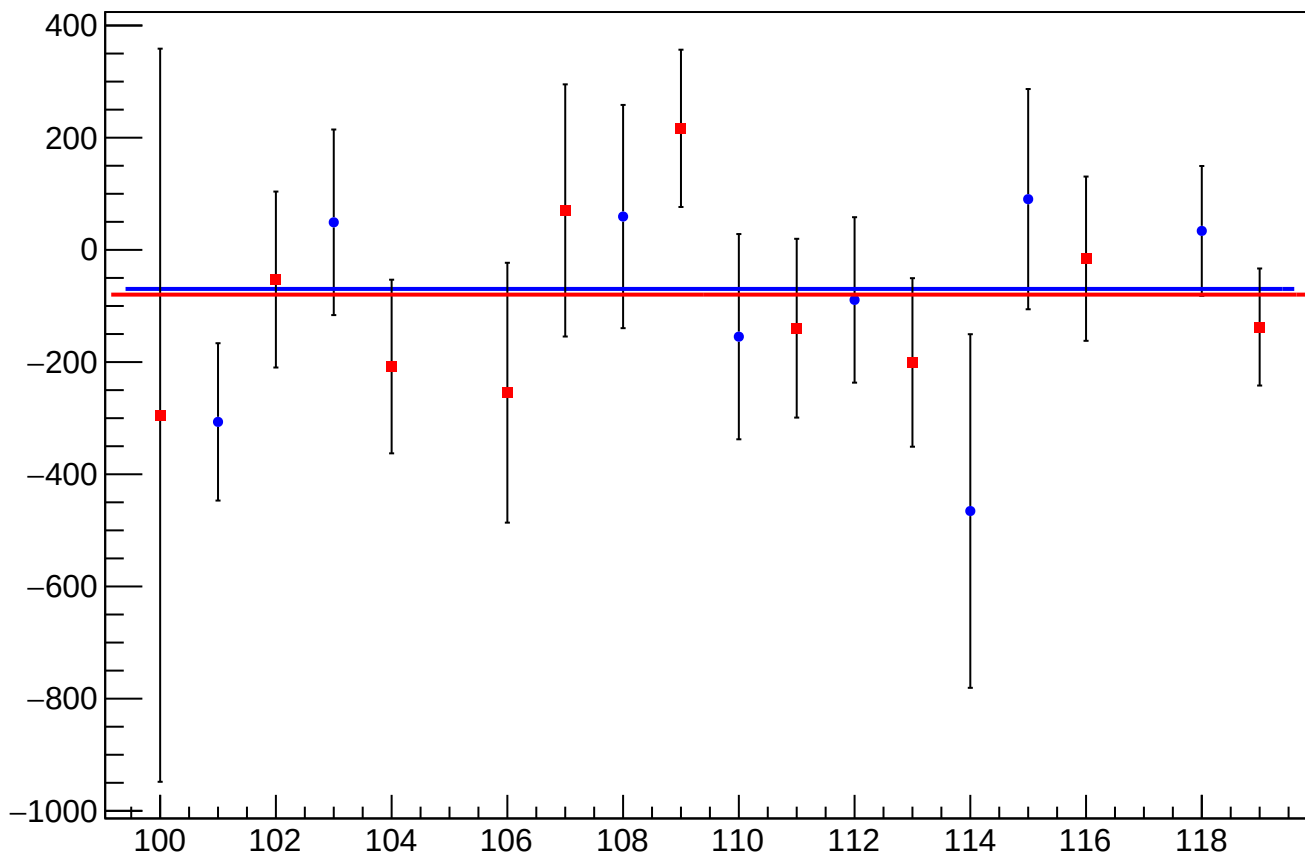
Right: 1025.643+/-0.268 χ^2/NDF : 254050.8/17

In: 1014.736+/-0.397 χ^2/NDF : 124113.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.643+/-0.268 χ^2/NDF : 254050.8/17

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -69.598+/-57.811 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.742+/-50.234 χ^2/NDF : 7.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

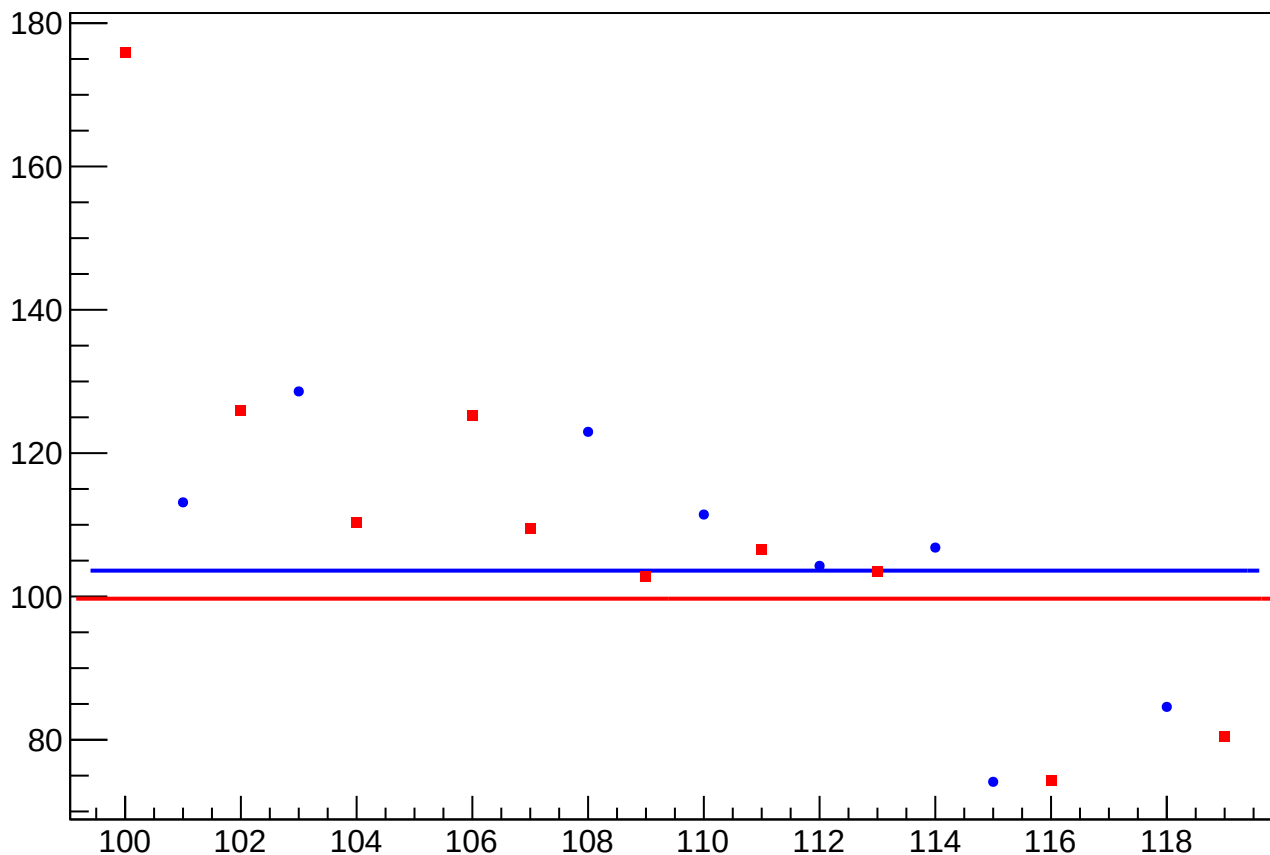
Right: -75.378+/-37.919 χ^2/NDF : 14.7/17

In: -69.598+/-57.811 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.378+/-37.919 χ^2/NDF : 14.7/17

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 103.605 $\pm$ 0.041 χ^2 /NDF: 176856.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.690 $\pm$ 0.036 χ^2 /NDF: 254846.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

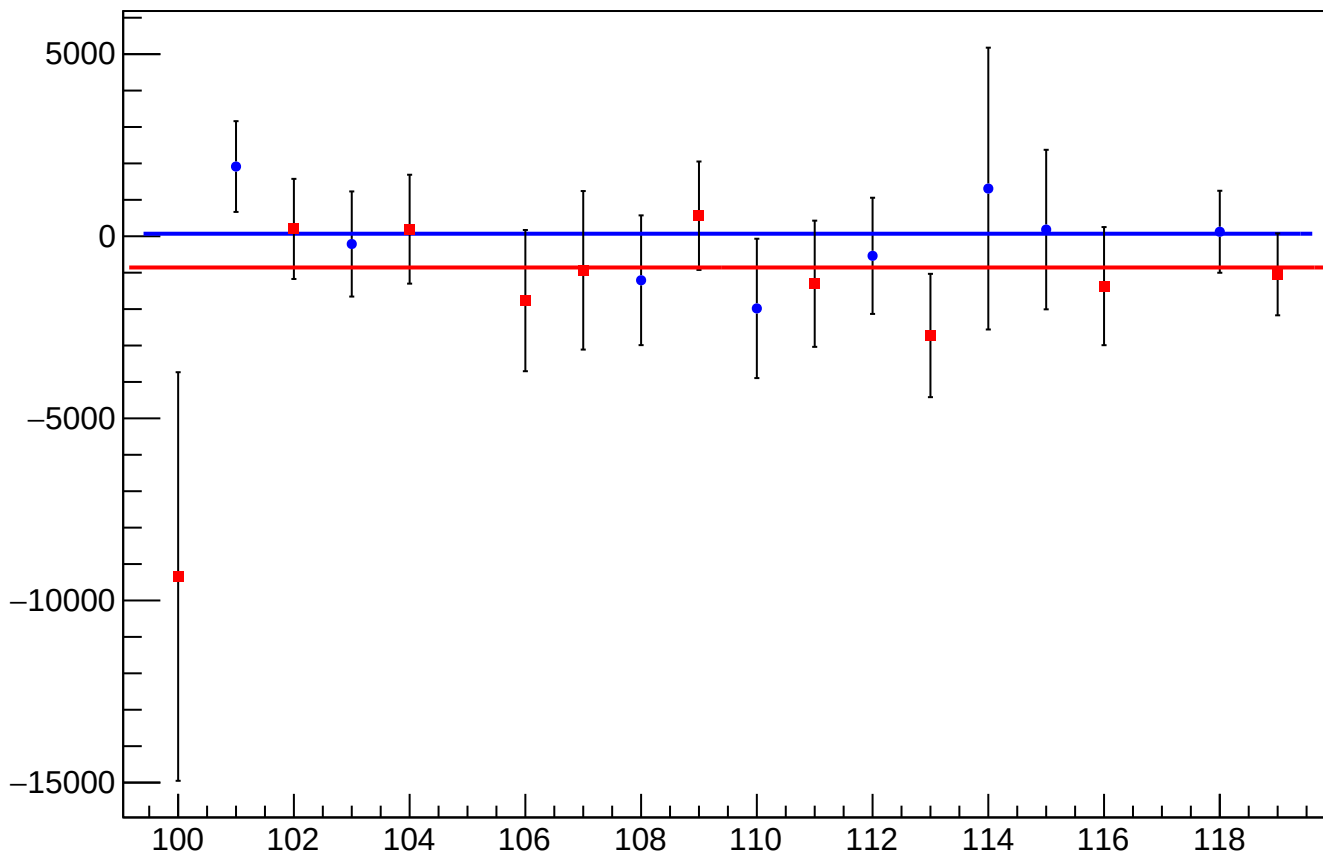
Right: 101.375 $\pm$ 0.027 χ^2 /NDF: 436928.8/17

In: 103.605 $\pm$ 0.041 χ^2 /NDF:176856.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.375 $\pm$ 0.027 χ^2 /NDF: 436928.8/17

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 69.597+/-561.631 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -857.228+/-513.643 χ^2/NDF : 5.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

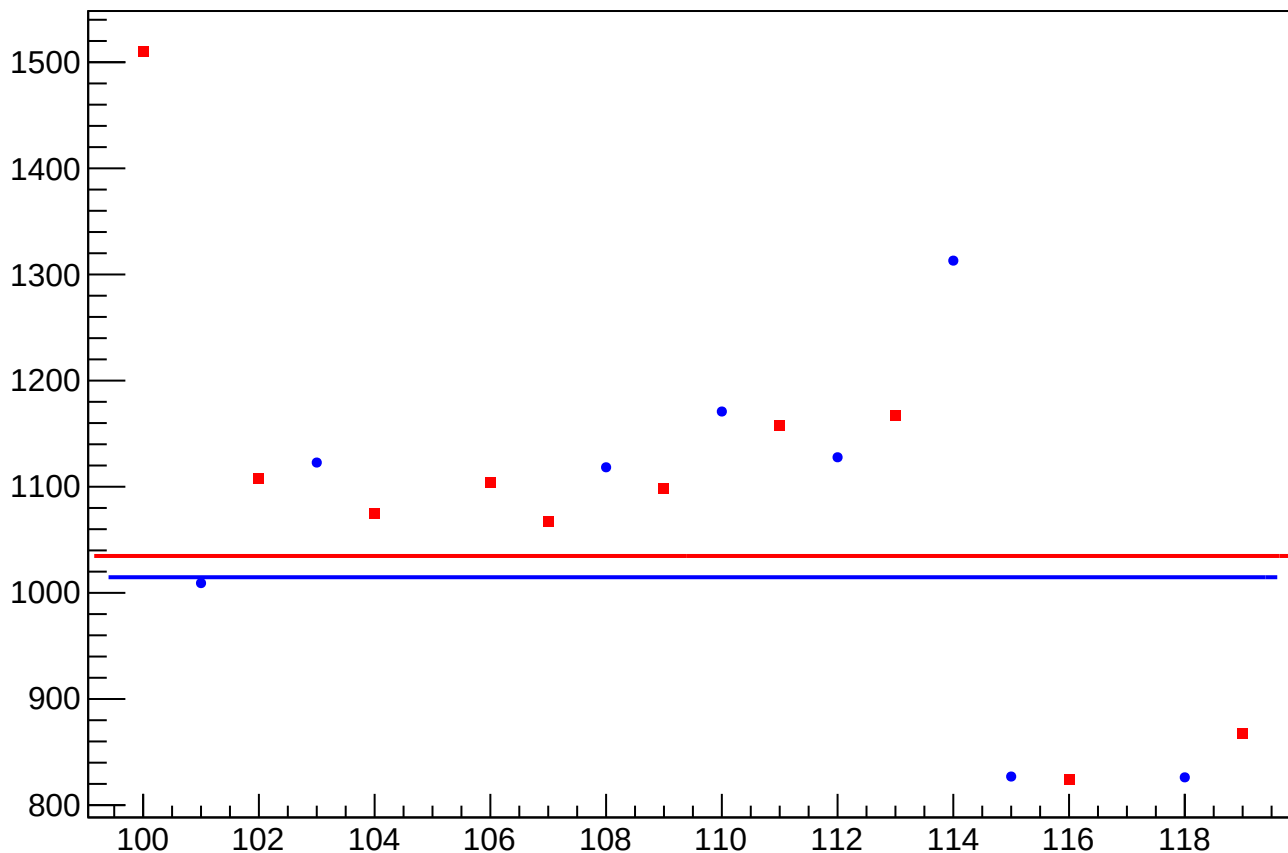
Right: -435.097+/-379.032 χ^2/NDF : 11.5/17

In: 69.597+/-561.631 χ^2/NDF : 4.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -435.097+/-379.032 χ^2/NDF : 11.5/17

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1014.733+/-0.397 χ^2/NDF : 124111.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.762+/-0.363 χ^2/NDF : 128549.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

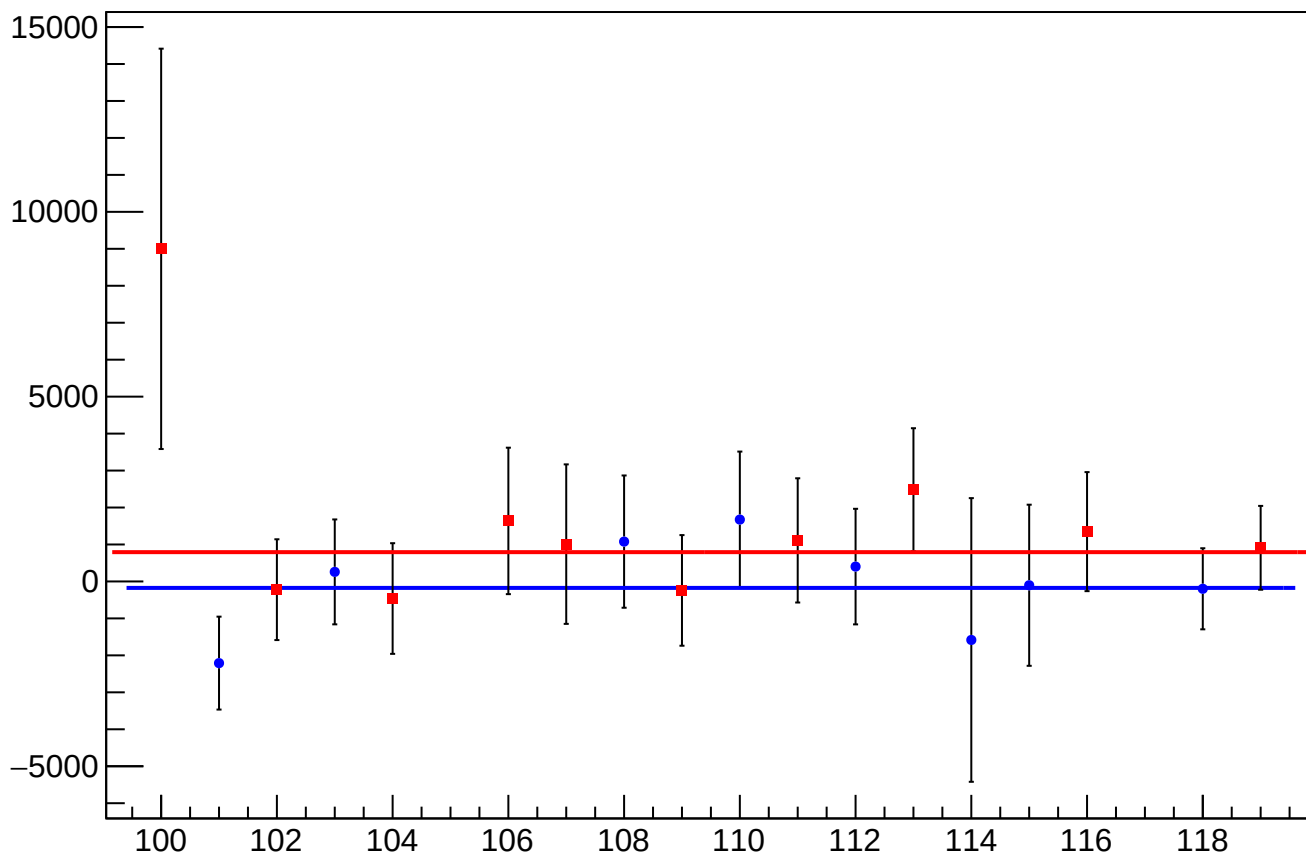
Right: 1025.640+/-0.268 χ^2/NDF : 254046.0/17

In: 1014.733+/-0.397 χ^2/NDF : 124111.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1025.640+/-0.268 χ^2/NDF : 254046.0/17

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -174.825+/-554.215 χ^2/NDF : 4.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 792.645+/-512.163 χ^2/NDF : 5.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

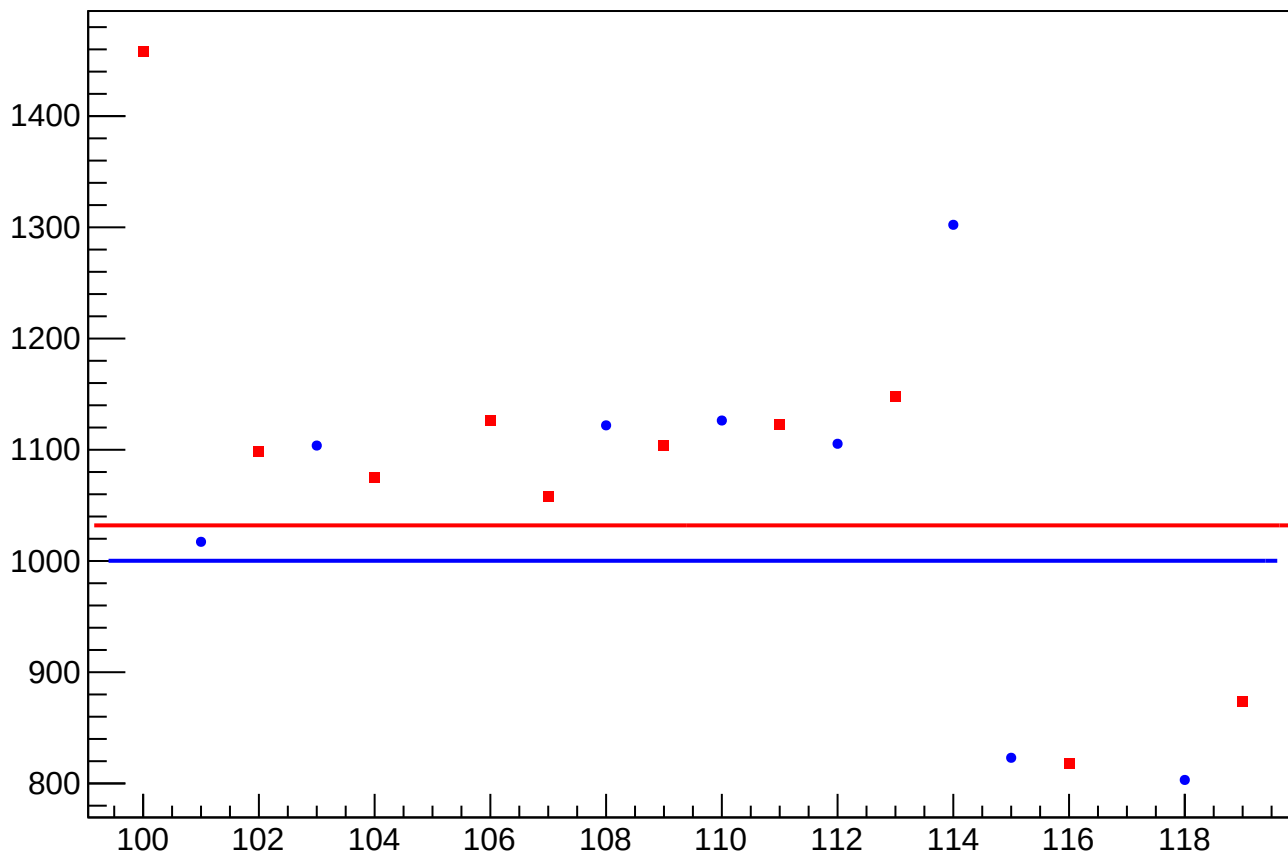
Right: 347.002+/-376.143 χ^2/NDF : 11.5/17

In: -174.825+/-554.215 χ^2/NDF : 4.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.002+/-376.143 χ^2/NDF : 11.5/17

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 1000.197+/-0.392 χ^2/NDF : 128879.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1032.027+/-0.362 χ^2/NDF : 117790.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

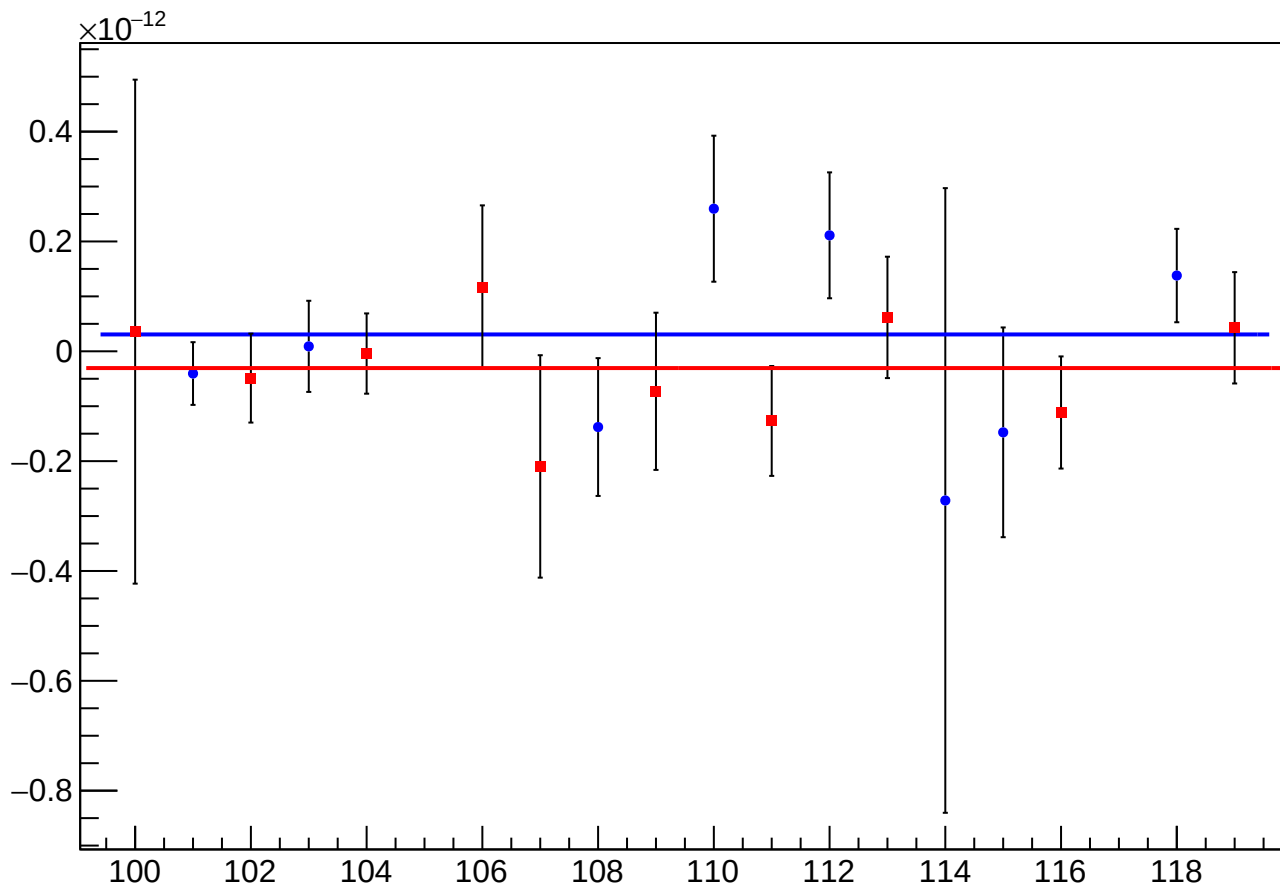
Right: 1017.365+/-0.266 χ^2/NDF : 250228.4/17

In: 1000.197+/-0.392 χ^2/NDF : 128879.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.365+/-0.266 χ^2/NDF : 250228.4/17

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

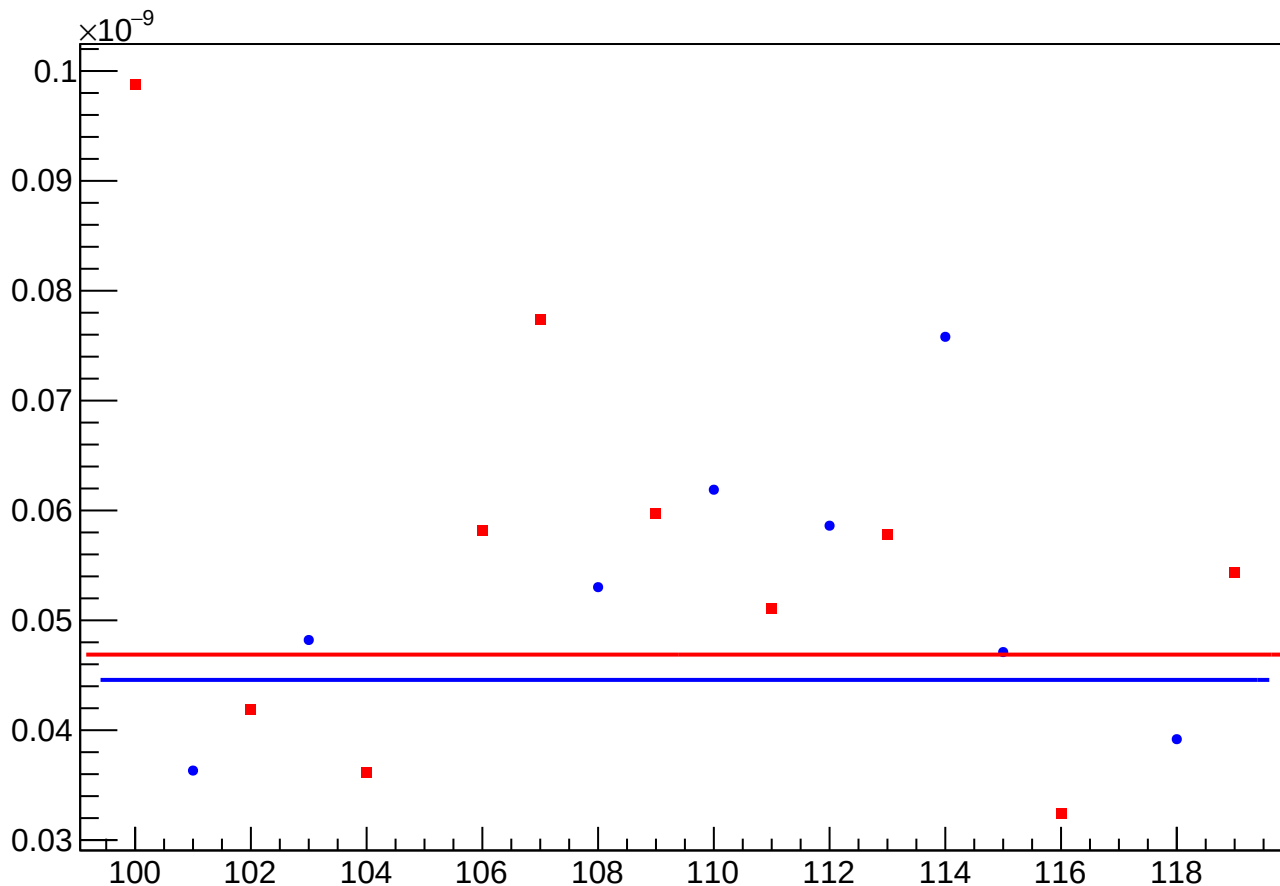
Right: -0.000+/-0.000 χ^2/NDF : 18.0/17

In: 0.000+/-0.000 χ^2/NDF : 11.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.0/17

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 133022.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223085.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

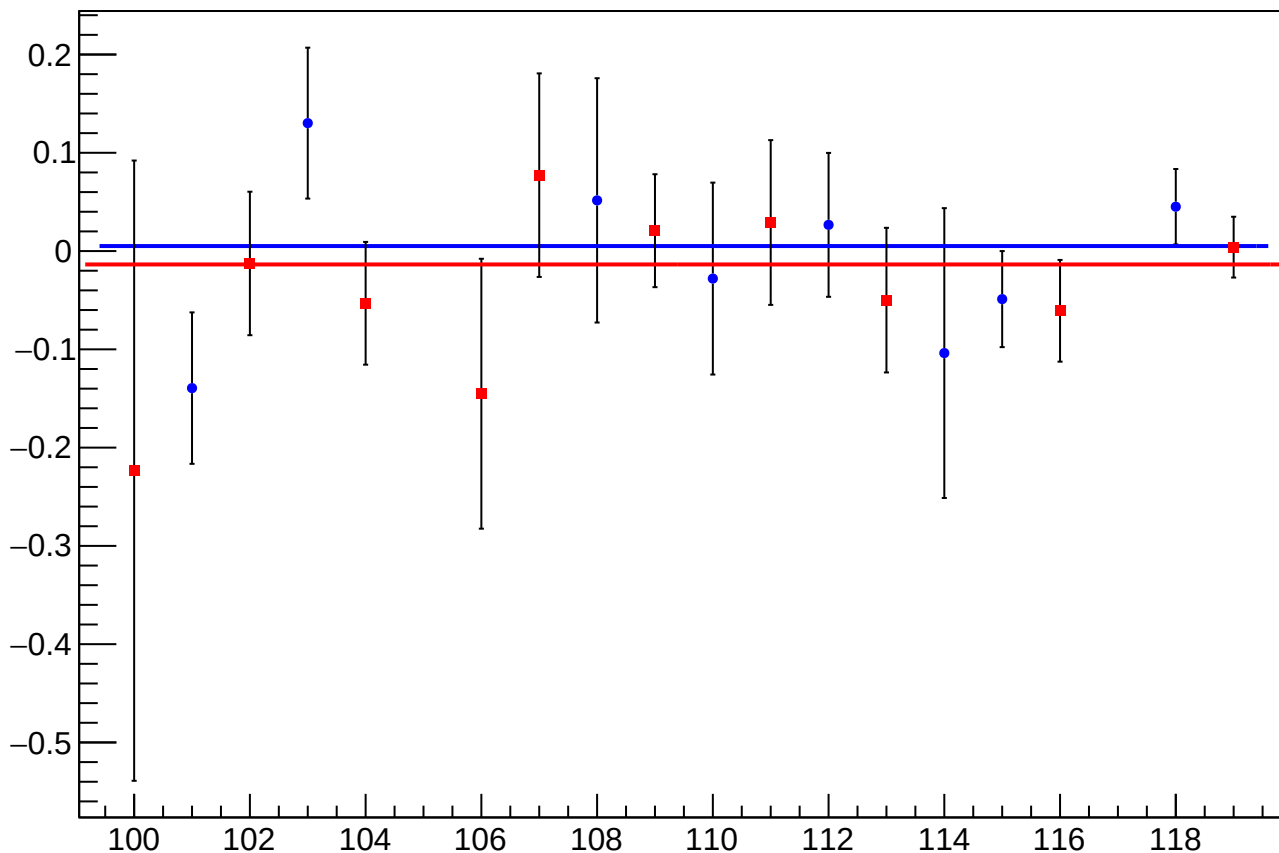
Right: 0.000+/-0.000 χ^2/NDF : 360495.2/17

In: 0.000+/-0.000 χ^2/NDF : 133022.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 360495.2/17

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

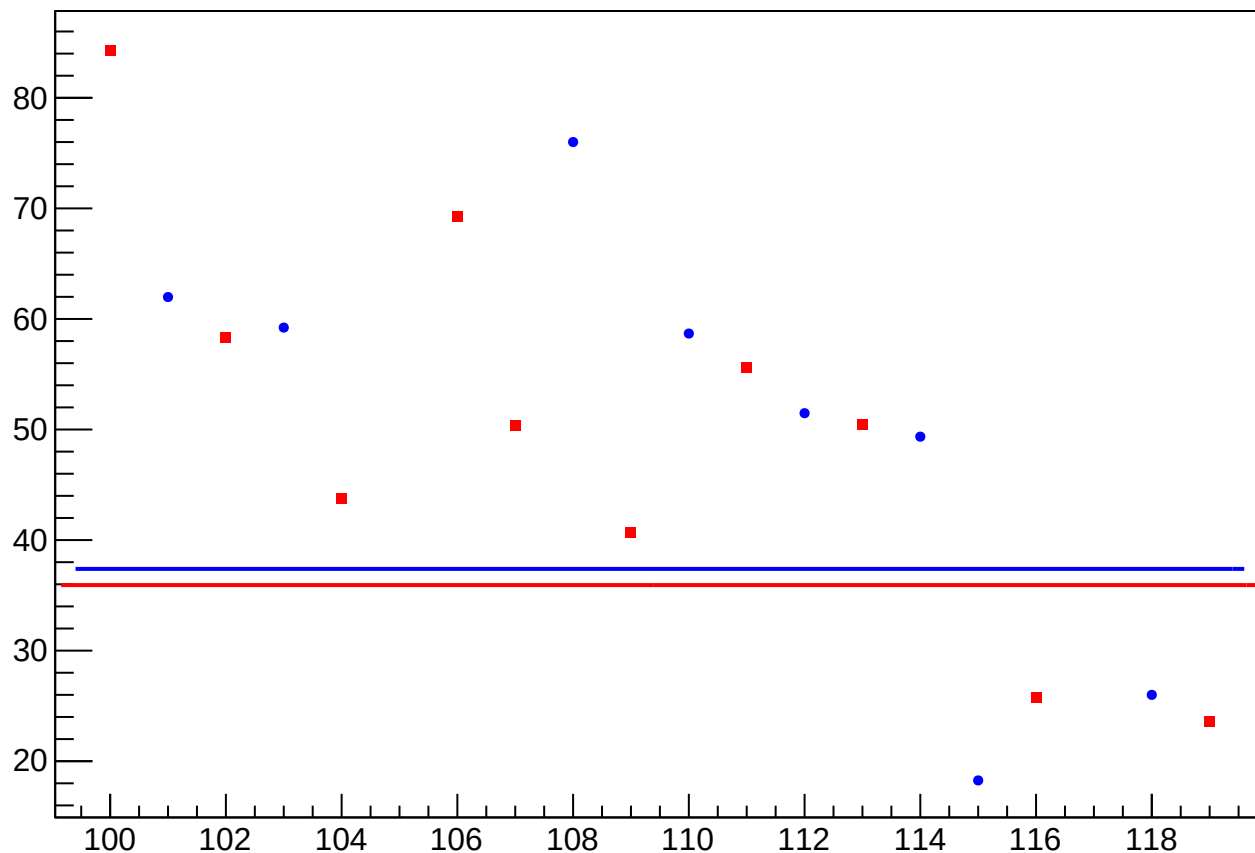
Right: -0.006+/-0.015 χ^2/NDF : 14.3/17

In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.015 χ^2/NDF : 14.3/17

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.394+/-0.016 χ^2/NDF : 1223379.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.929+/-0.014 χ^2/NDF : 1021146.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

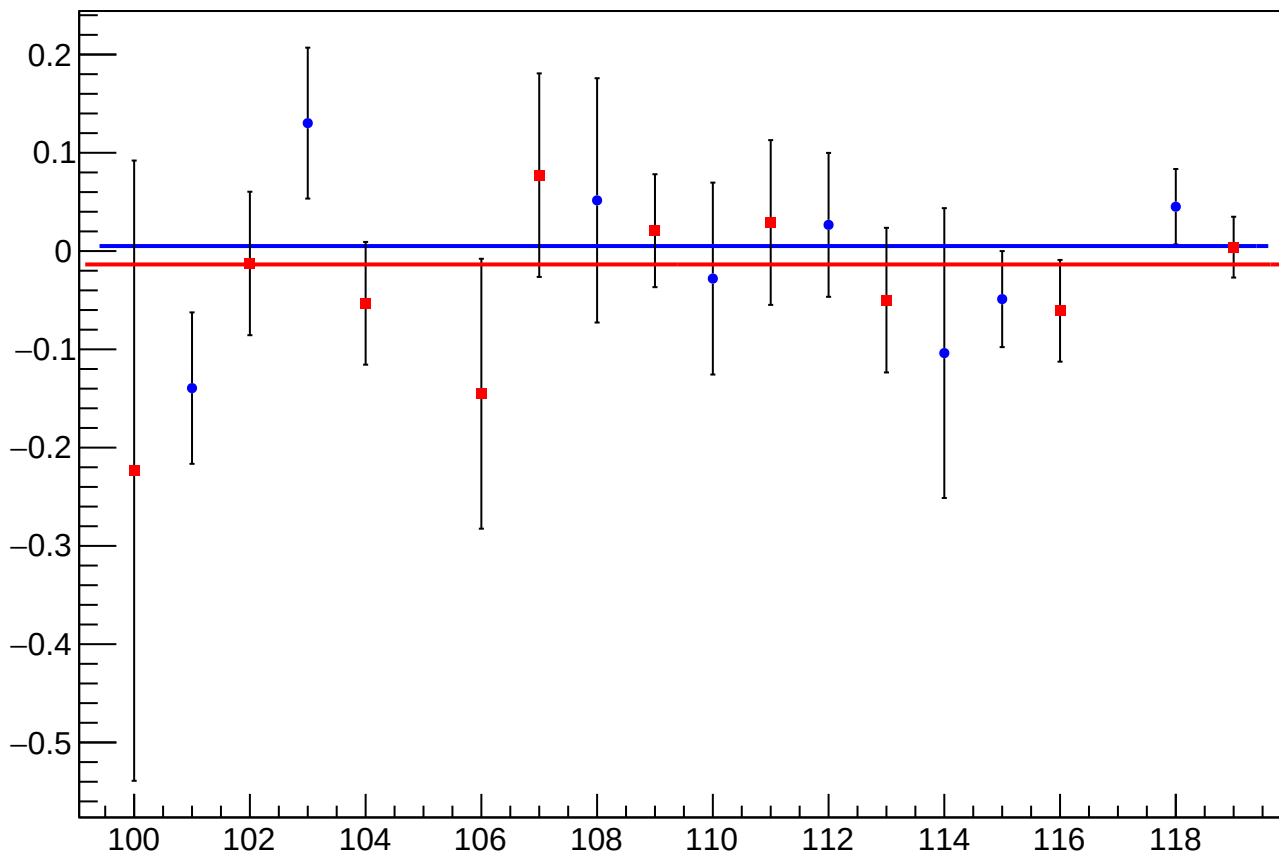
Right: 36.529+/-0.011 χ^2/NDF : 2249178.0/17

In: 37.394+/-0.016 χ^2/NDF : 1223379.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.529+/-0.011 χ^2/NDF : 2249178.0/17

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

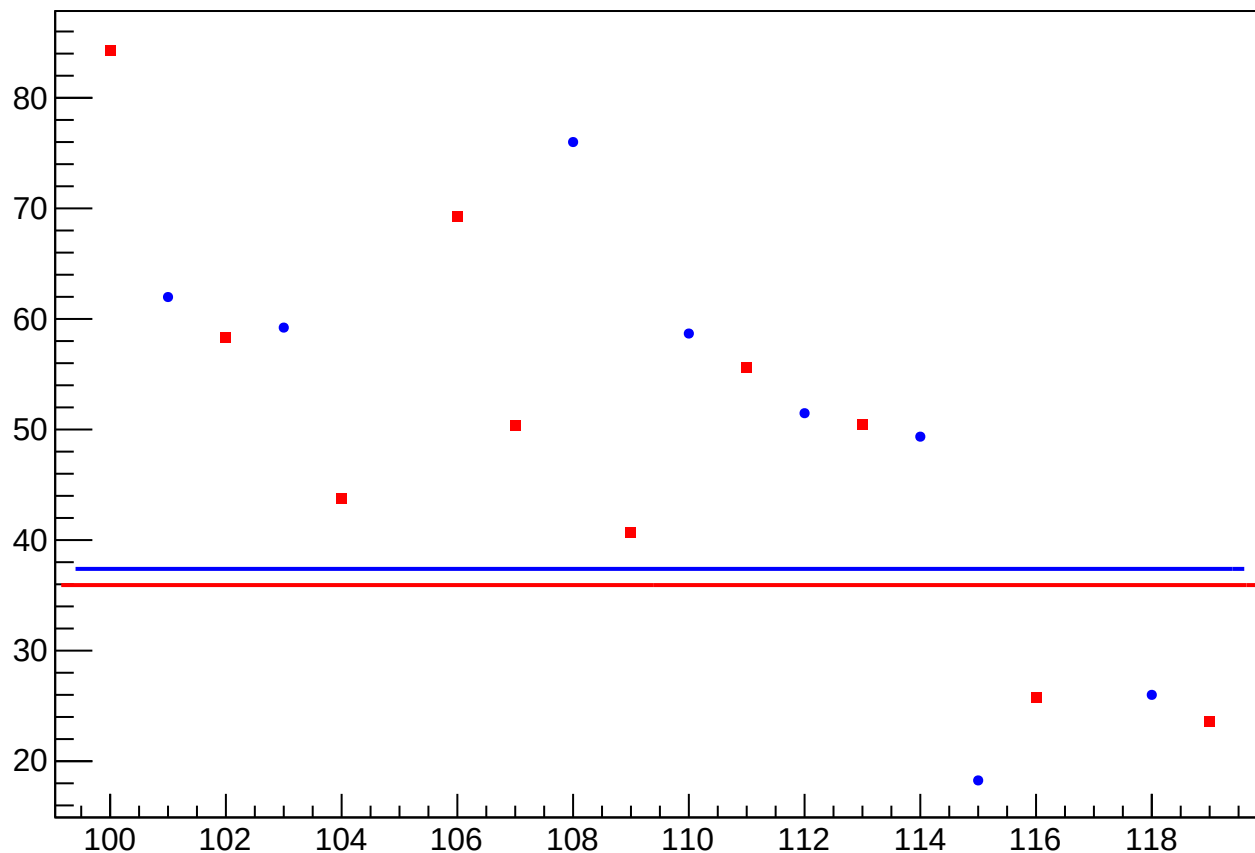
Right: -0.006+/-0.015 χ^2/NDF : 14.3/17

In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.015 χ^2/NDF : 14.3/17

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.394+/-0.016 χ^2/NDF : 1223379.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.929+/-0.014 χ^2/NDF : 1021146.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

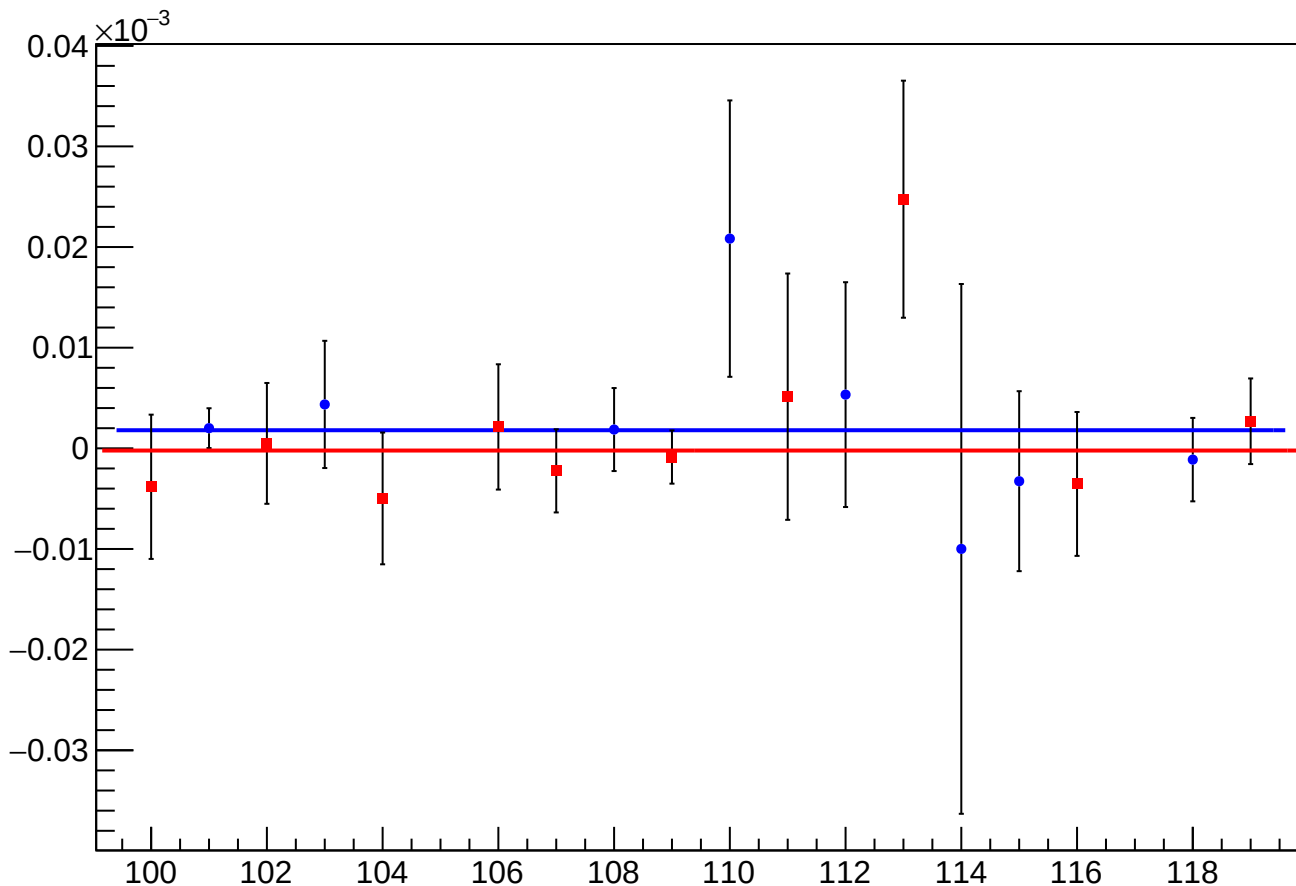
Right: 36.529+/-0.011 χ^2/NDF : 2249178.0/17

In: 37.394+/-0.016 χ^2/NDF : 1223379.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.529+/-0.011 χ^2/NDF : 2249178.0/17

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

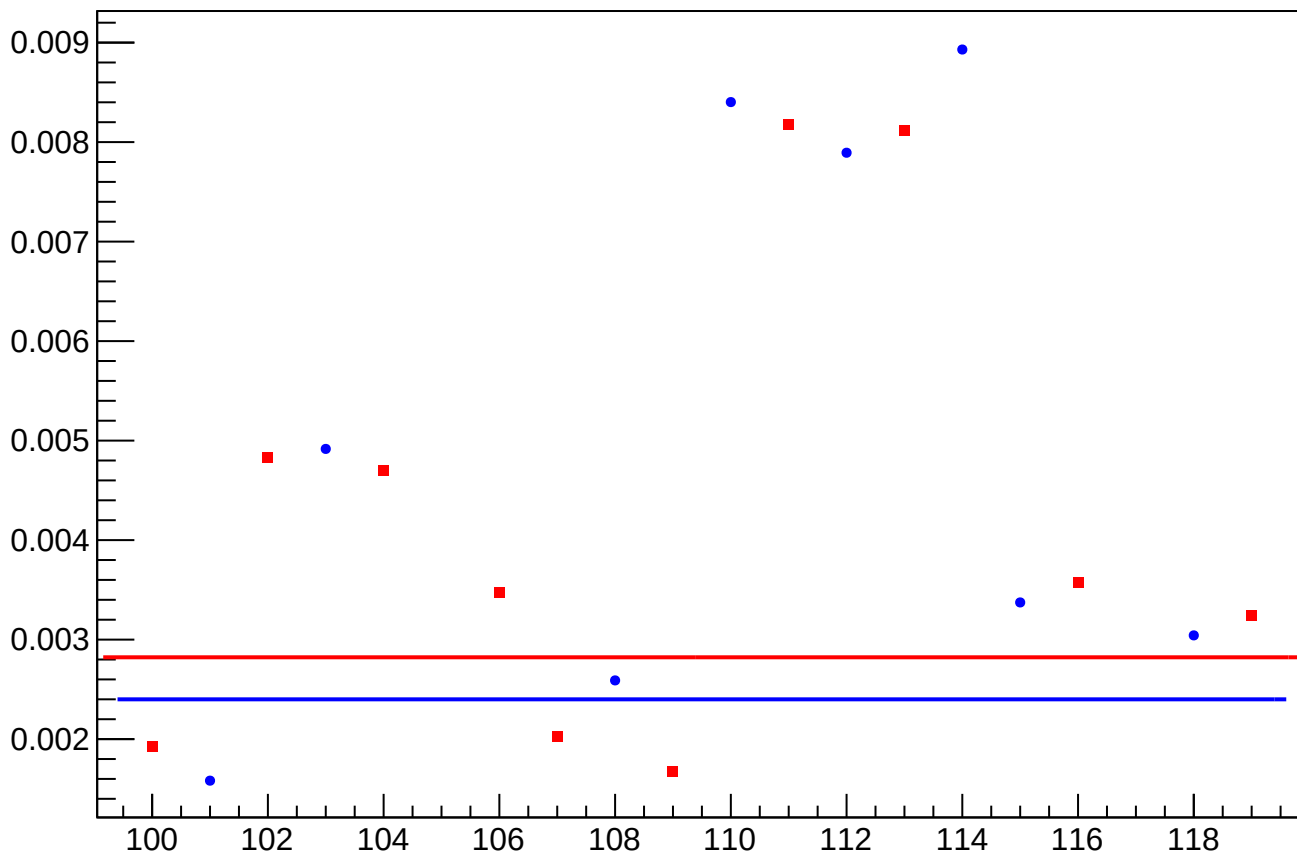
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF:3.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/17

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1724229.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1721483.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

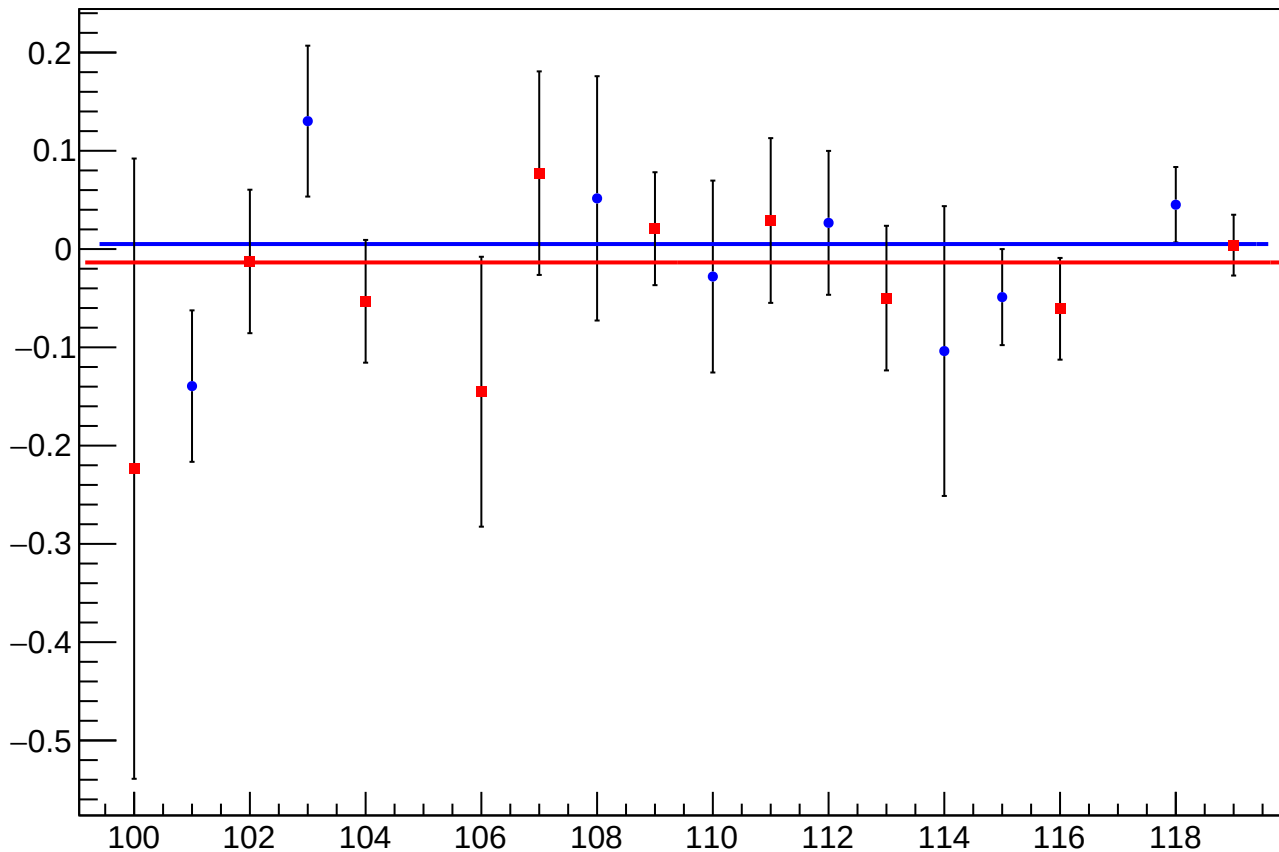
Right: 0.003+/-0.000 χ^2/NDF : 3517995.1/17

In: 0.002+/-0.000 χ^2/NDF : 1724229.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3517995.1/17

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

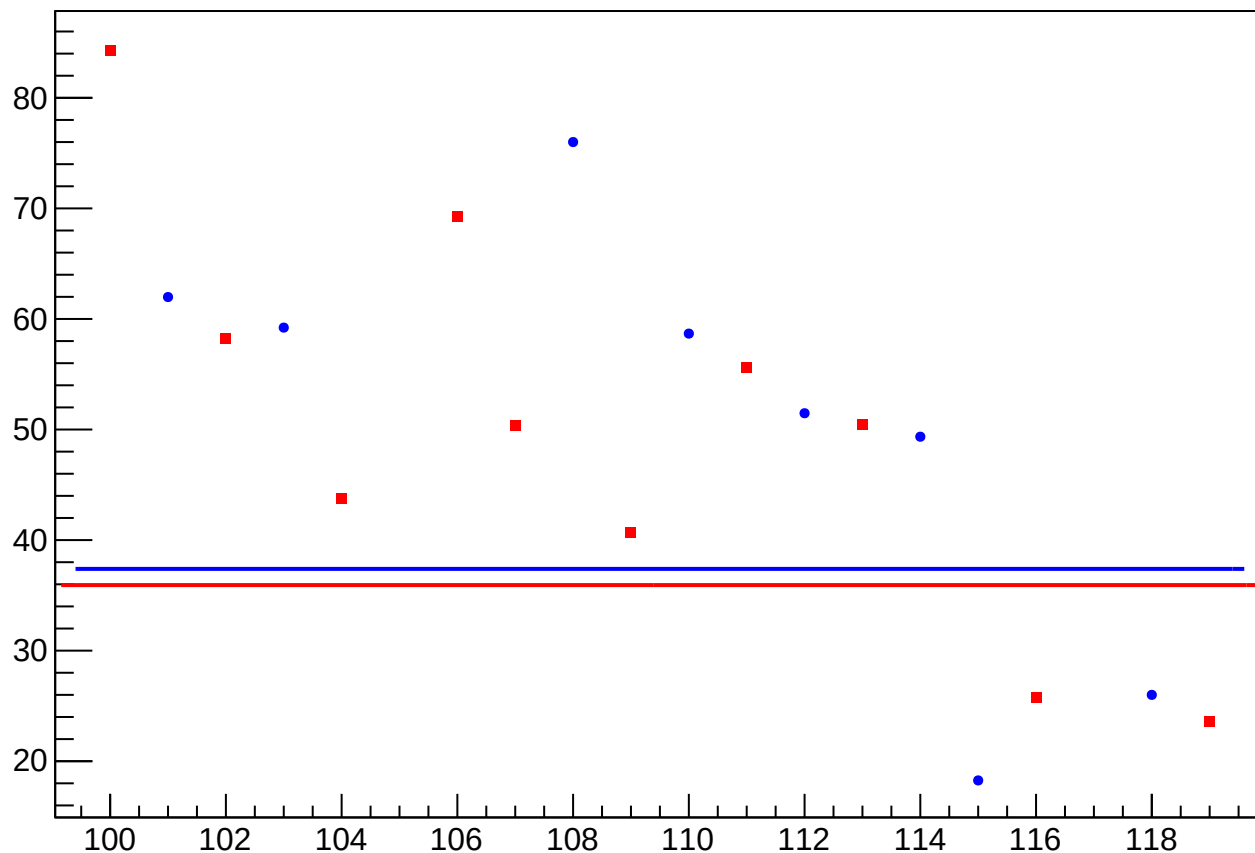
Right: -0.006+/-0.015 χ^2/NDF : 14.3/17

In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.015 χ^2/NDF : 14.3/17

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.394+/-0.016 χ^2/NDF : 1223207.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.930+/-0.014 χ^2/NDF : 1021018.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

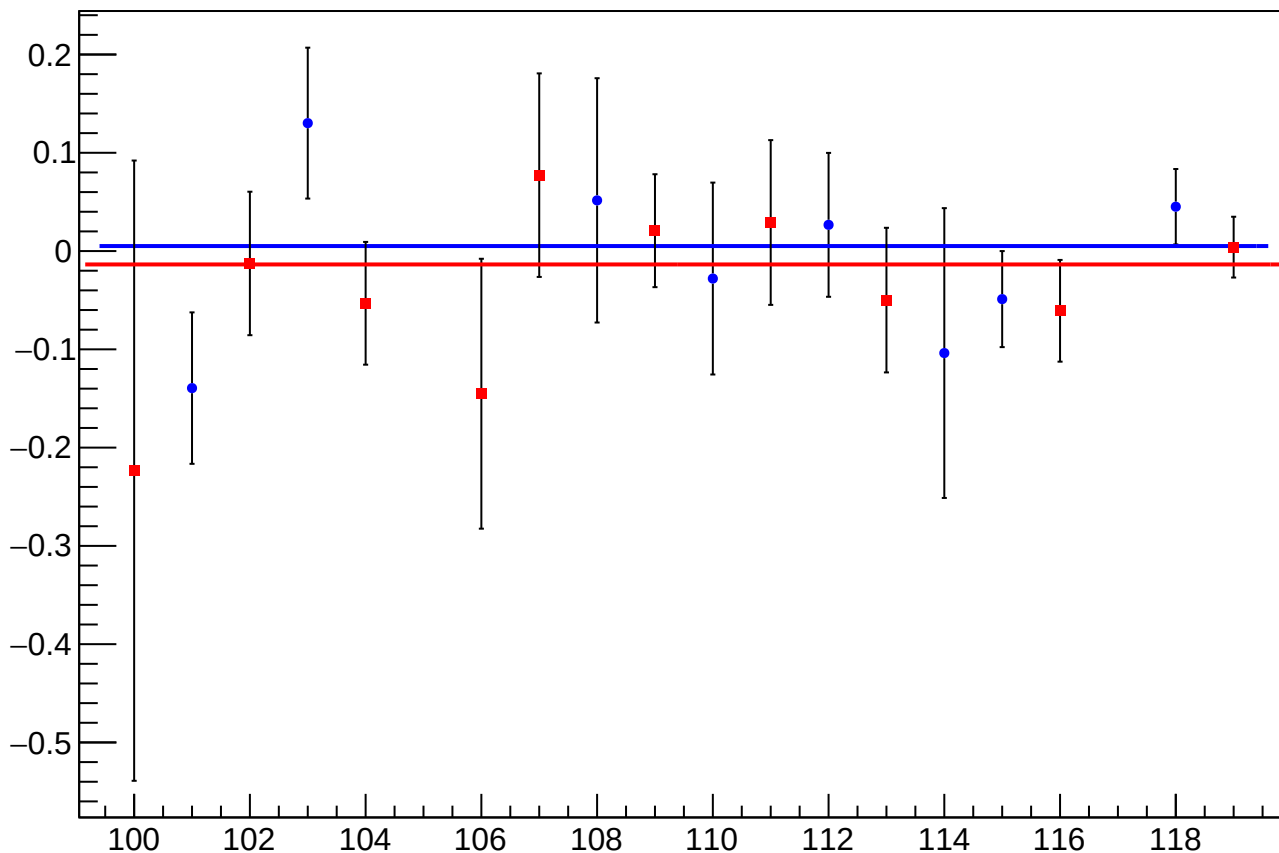
Right: 36.530+/-0.011 χ^2/NDF : 2248881.9/17

In: 37.394+/-0.016 χ^2/NDF : 1223207.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.530+/-0.011 χ^2/NDF : 2248881.9/17

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.019 χ^2/NDF : 4.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

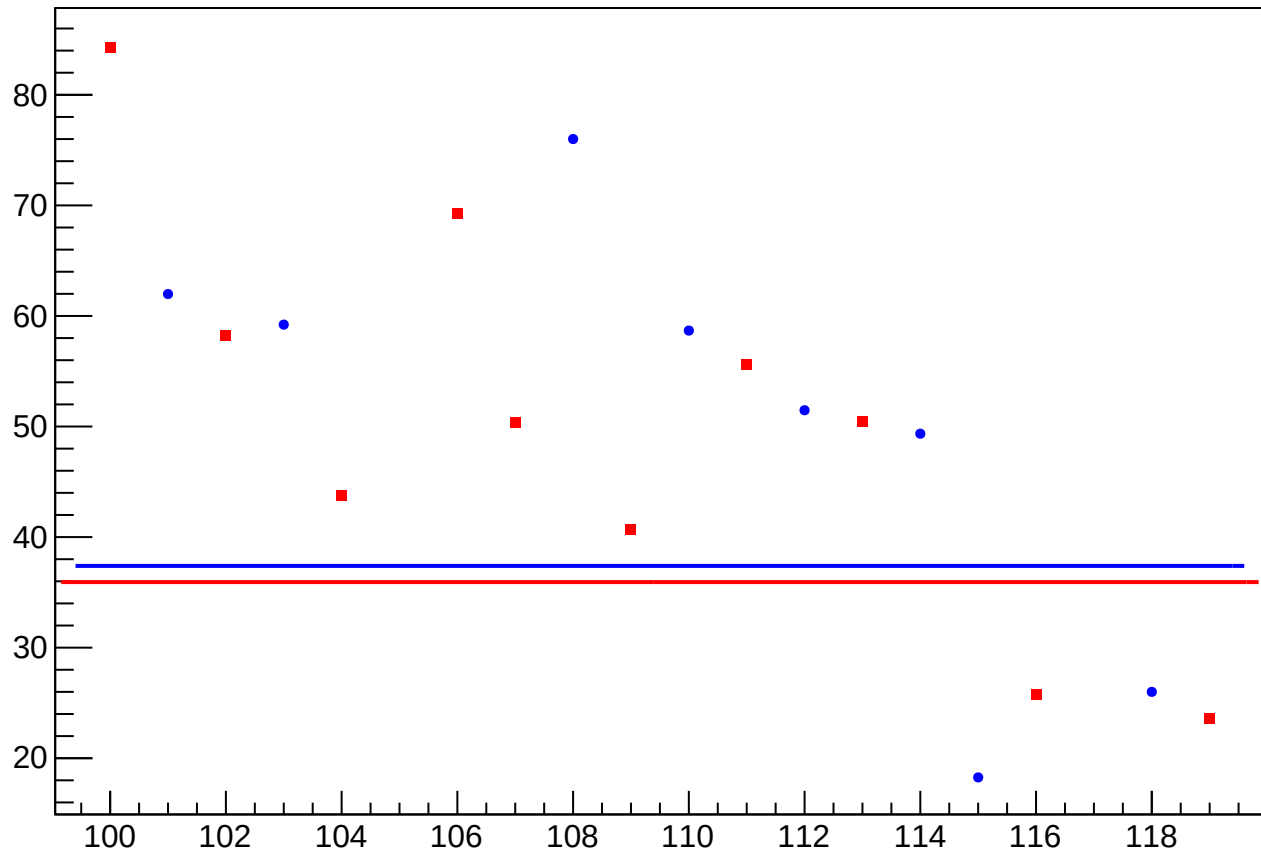
Right: -0.006+/-0.015 χ^2/NDF : 14.3/17

In: 0.005+/-0.023 χ^2/NDF : 9.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.015 χ^2/NDF : 14.3/17

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.394+/-0.016 χ^2/NDF : 1223207.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.930+/-0.014 χ^2/NDF : 1021018.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

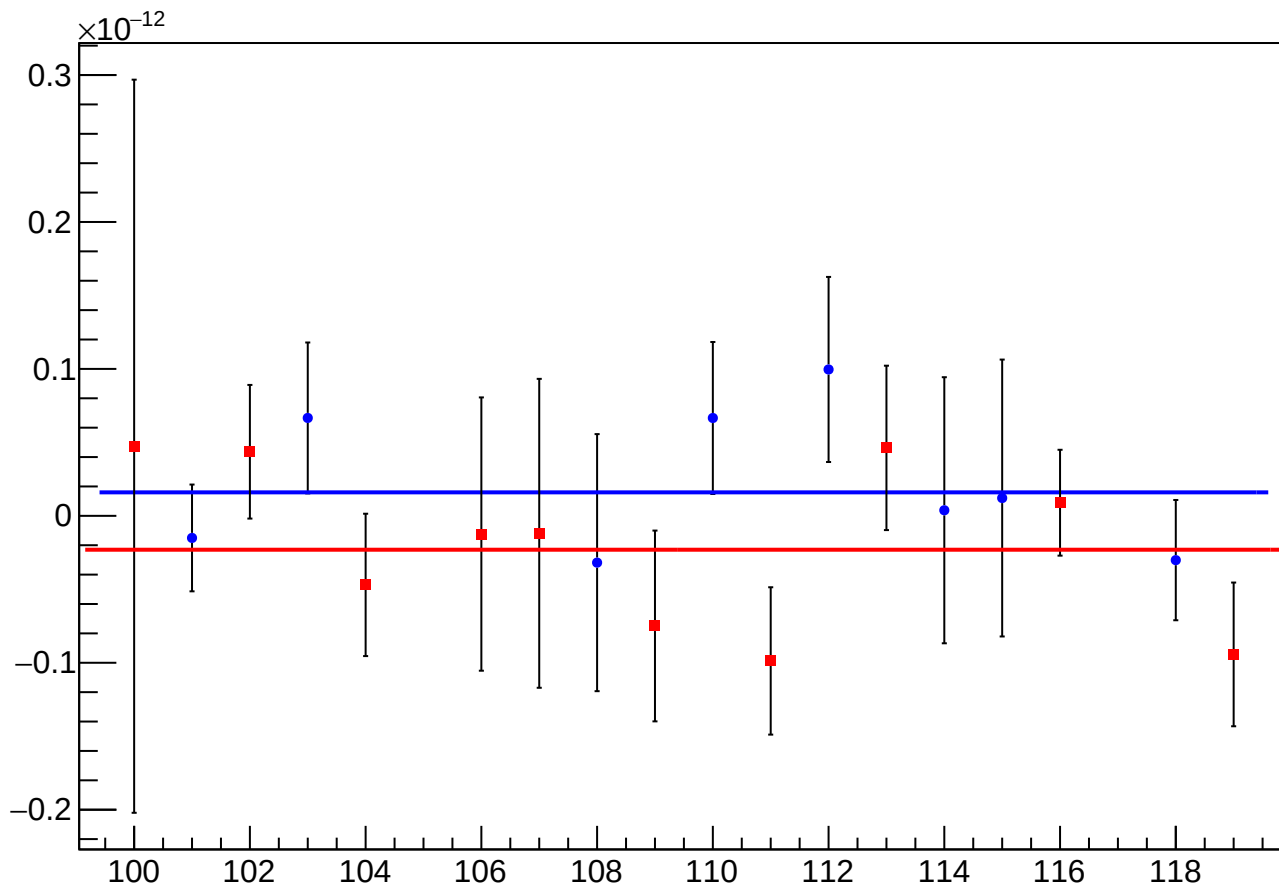
Right: 36.530+/-0.011 χ^2/NDF : 2248881.9/17

In: 37.394+/-0.016 χ^2/NDF : 1223207.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.530+/-0.011 χ^2/NDF : 2248881.9/17

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

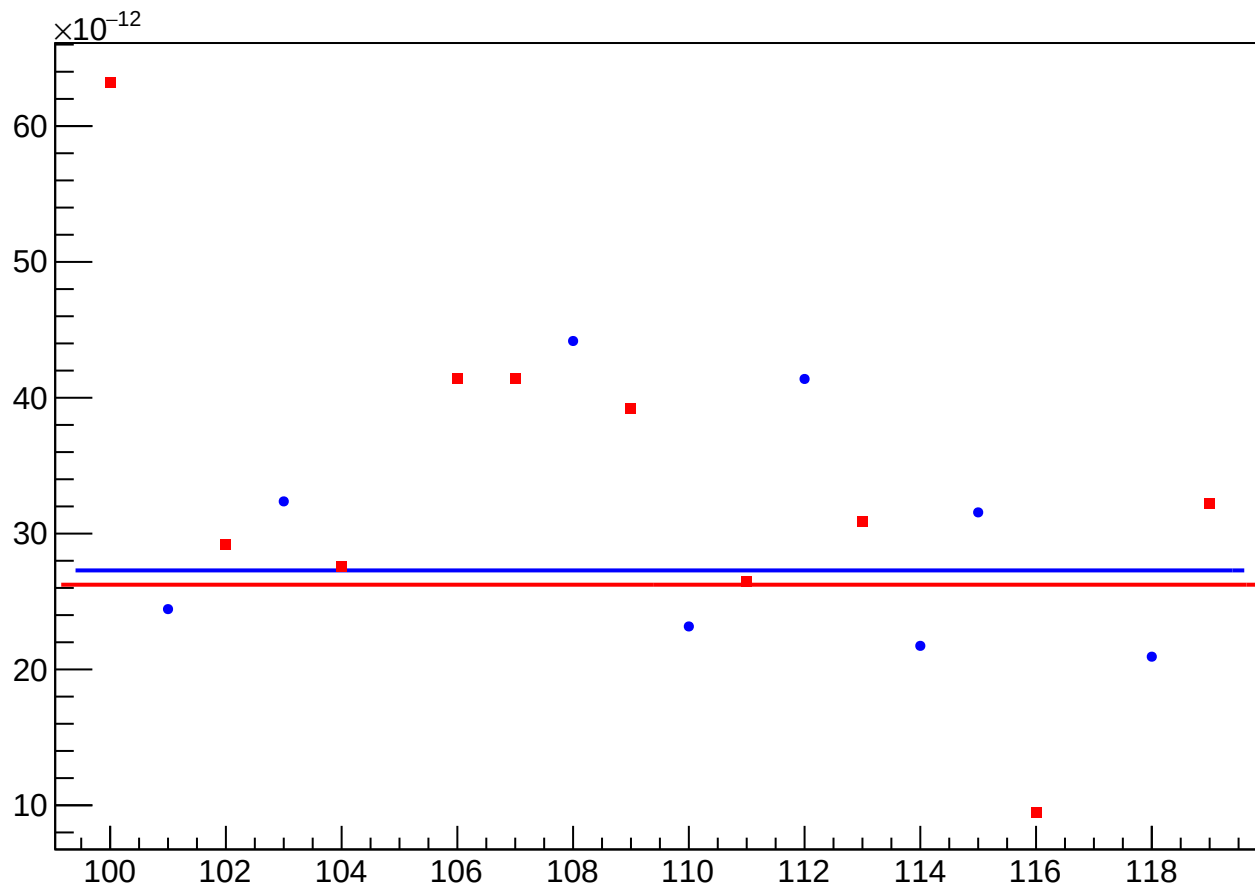
Right: -0.000+/-0.000 χ^2/NDF : 18.1/17

In: 0.000+/-0.000 χ^2/NDF : 6.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.1/17

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 279095.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 706504.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

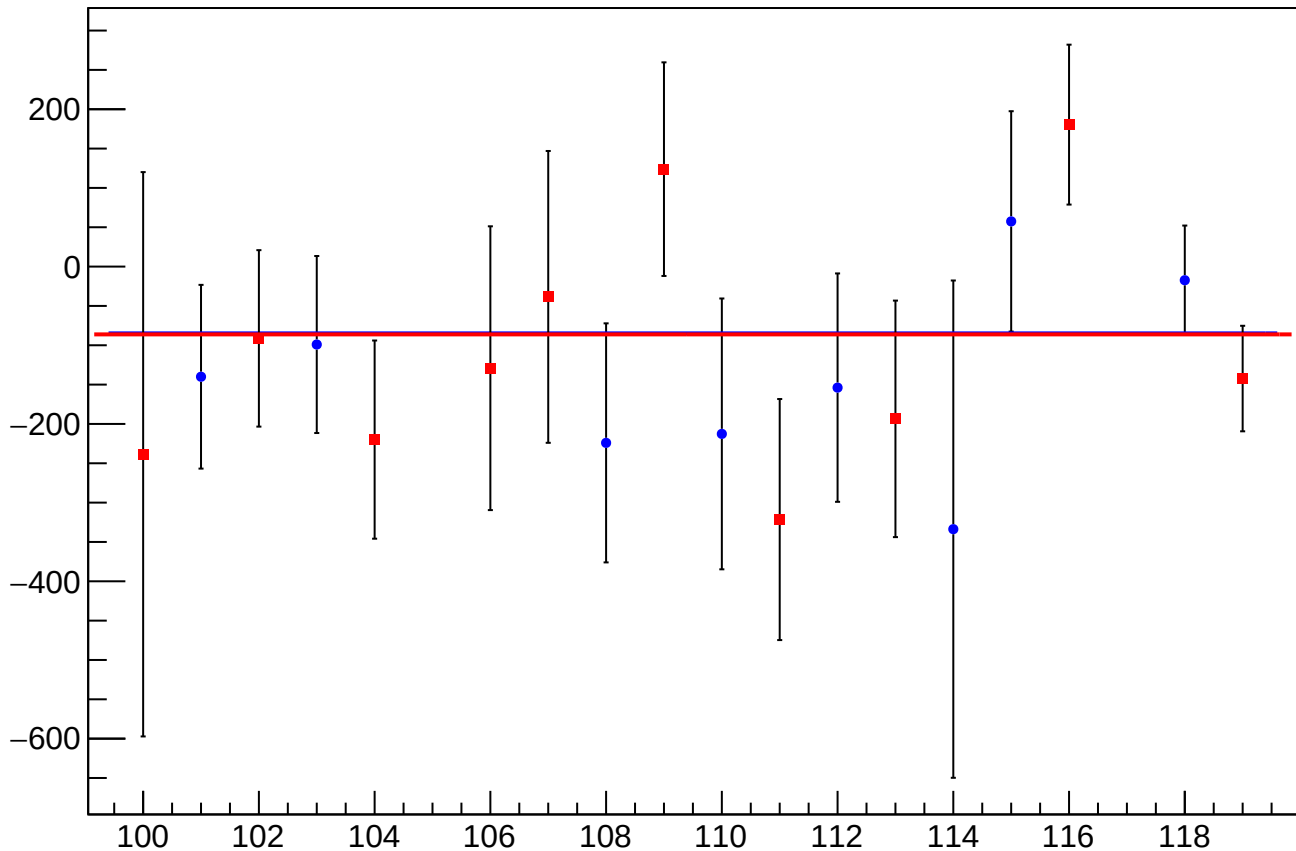
Right: 0.000+/-0.000 χ^2/NDF : 988893.2/17

In: 0.000+/-0.000 χ^2/NDF : 279095.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 988893.2/17

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -84.909 $\pm$ 42.830 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.178 $\pm$ 38.622 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

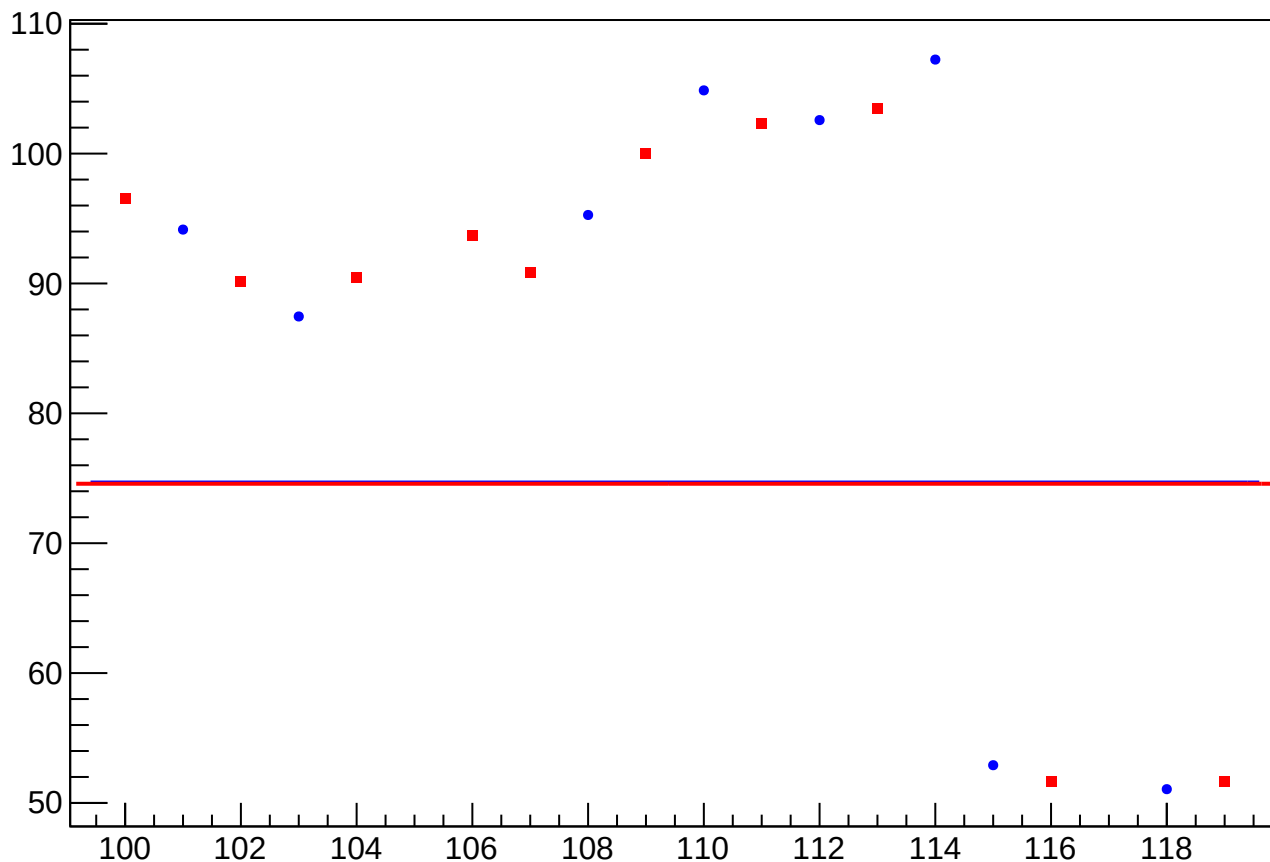
Right: -85.609 $\pm$ 28.683 χ^2 /NDF: 18.7/17

In: -84.909 $\pm$ 42.830 χ^2 /NDF:4.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.609 $\pm$ 28.683 χ^2 /NDF: 18.7/17

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.671+/-0.030 χ^2/NDF : 554329.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.578+/-0.027 χ^2/NDF : 660589.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

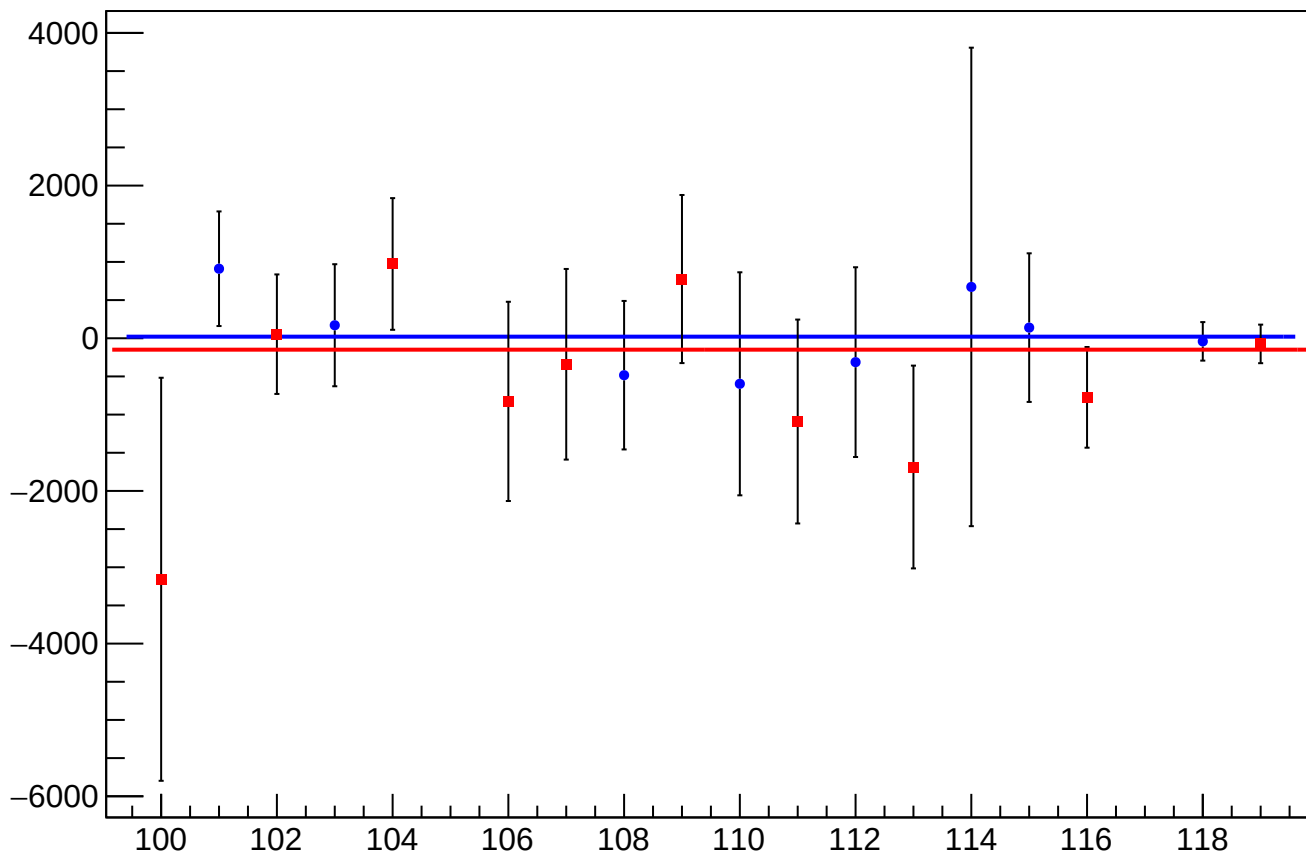
Right: 74.620+/-0.020 χ^2/NDF : 1214924.1/17

In: 74.671+/-0.030 χ^2/NDF : 554329.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.620+/-0.020 χ^2/NDF : 1214924.1/17

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 20.925+/-211.436 χ^2/NDF : 2.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -149.491+/-202.996 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

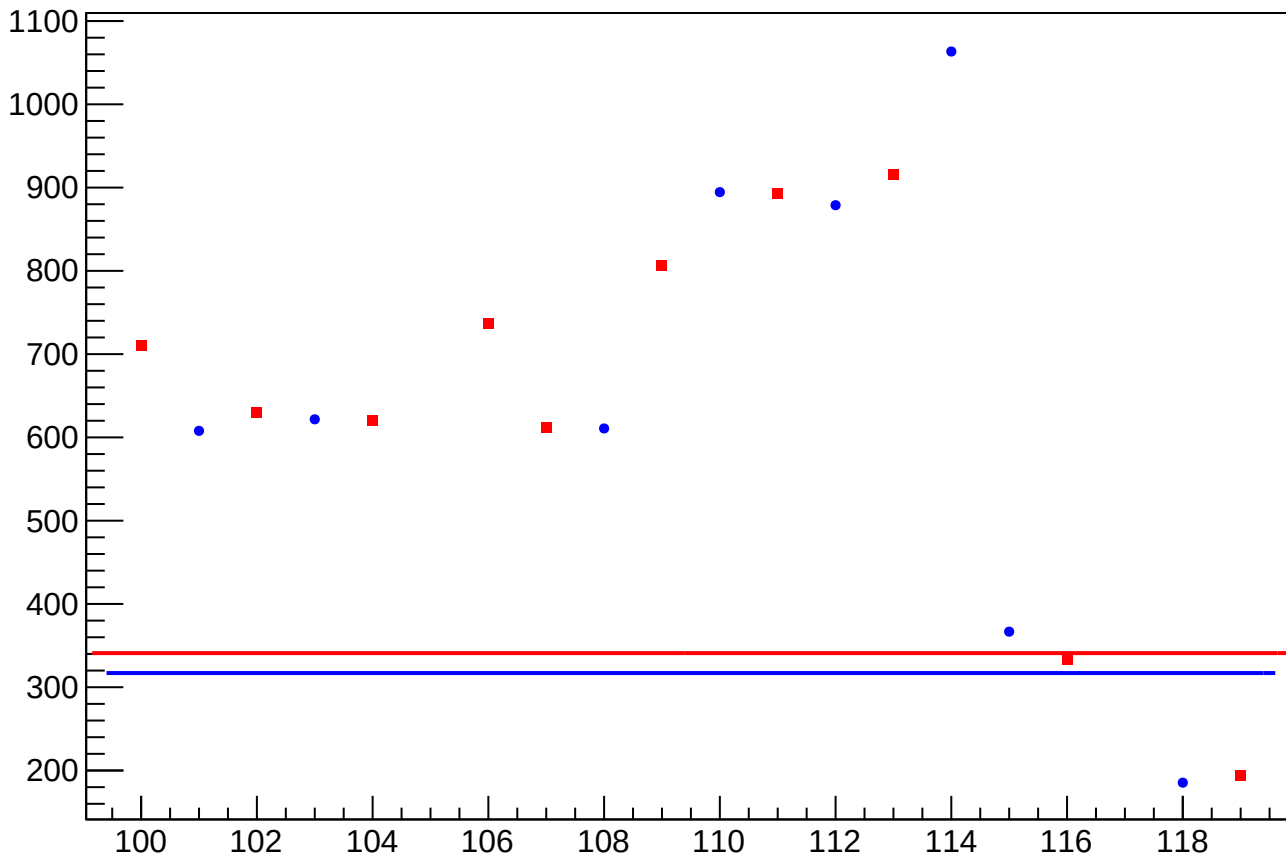
Right: -67.752+/-146.433 χ^2/NDF : 9.3/17

In: 20.925+/-211.436 χ^2/NDF : 2.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.752+/-146.433 χ^2/NDF : 9.3/17

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 317.015+/-0.150 χ^2/NDF : 2156885.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.981+/-0.144 χ^2/NDF : 2553102.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

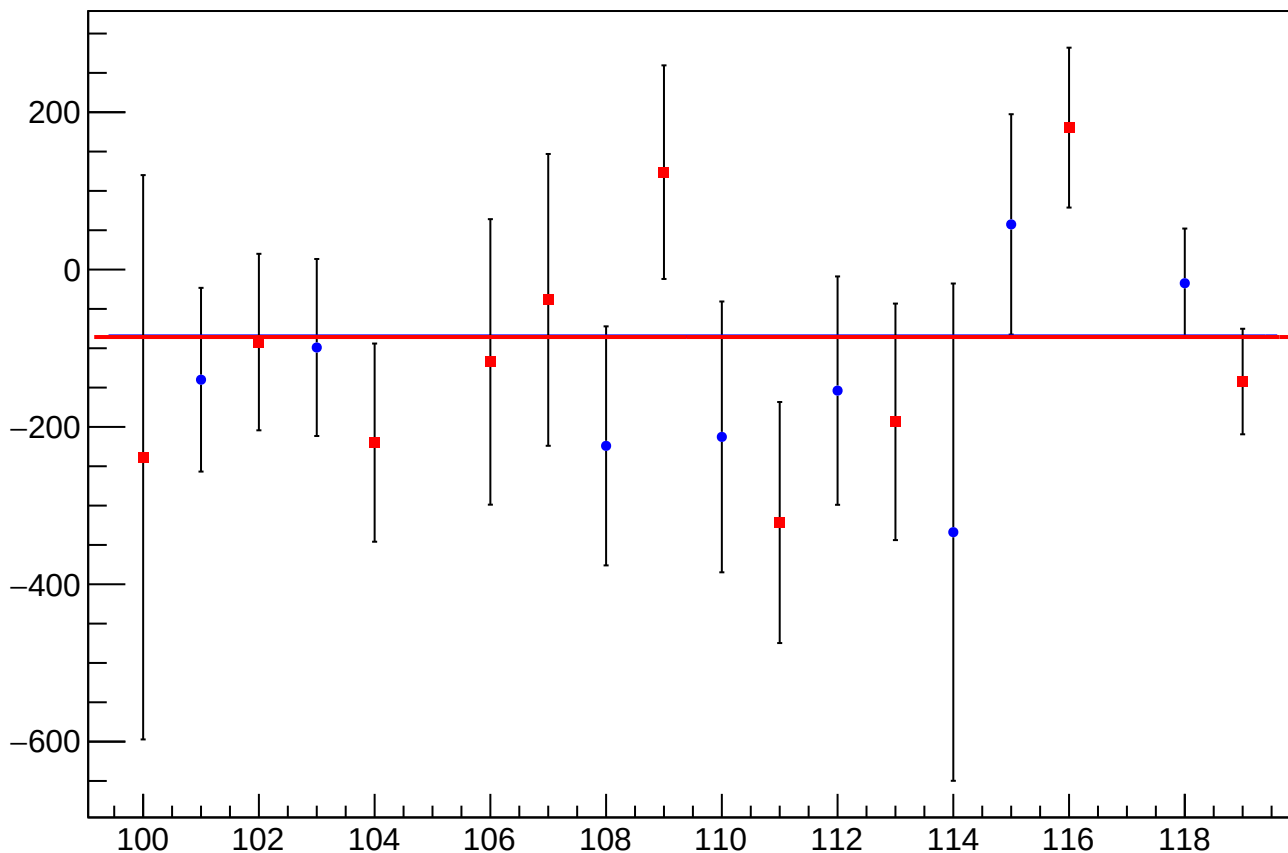
Right: 329.486+/-0.104 χ^2/NDF : 4723359.2/17

In: 317.015+/-0.150 χ^2/NDF : 2156885.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.486+/-0.104 χ^2/NDF : 4723359.2/17

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -84.919 $\pm$ 42.830 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.735 $\pm$ 38.633 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

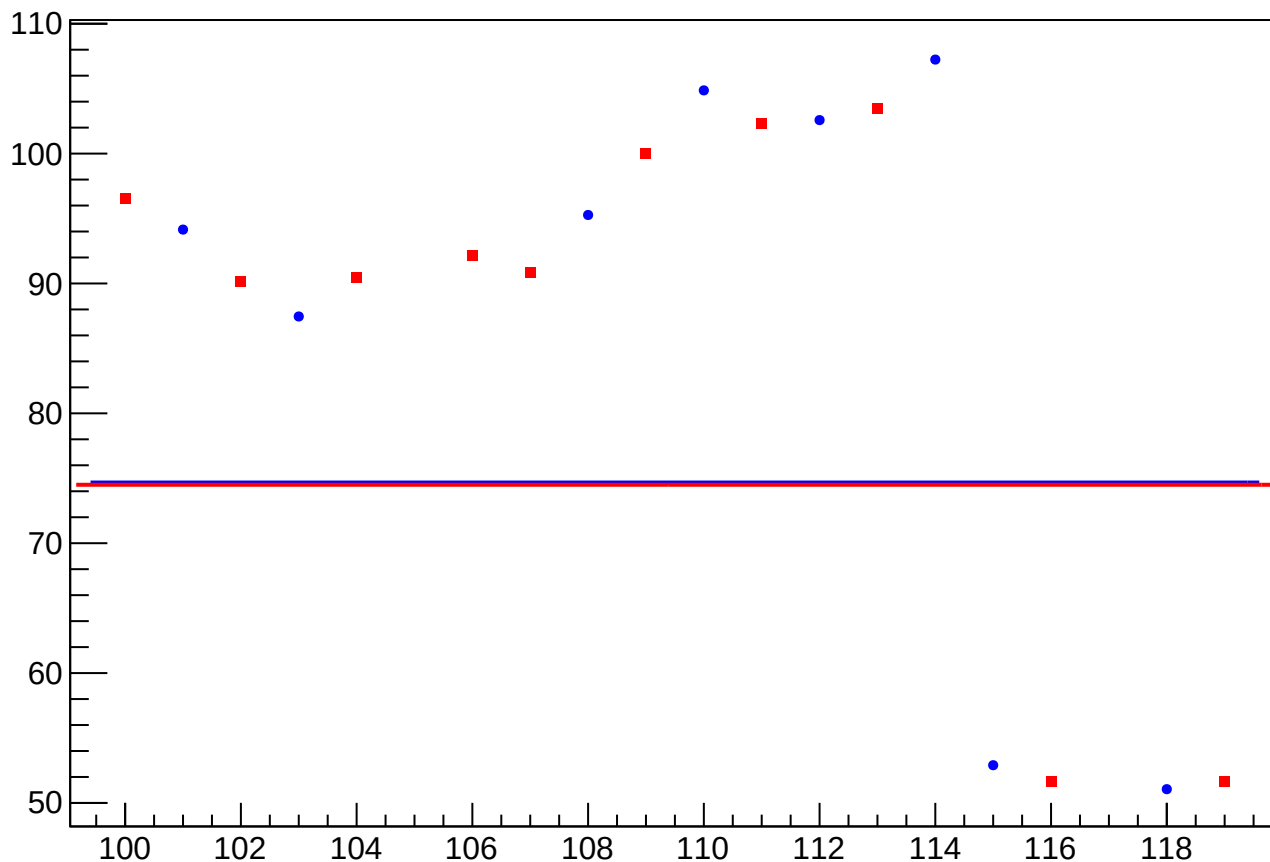
Right: -85.369 $\pm$ 28.687 χ^2 /NDF: 18.7/17

In: -84.919 $\pm$ 42.830 χ^2 /NDF:4.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.369 $\pm$ 28.687 χ^2 /NDF: 18.7/17

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.671+/-0.030 χ^2/NDF : 554329.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.500+/-0.027 χ^2/NDF : 656990.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

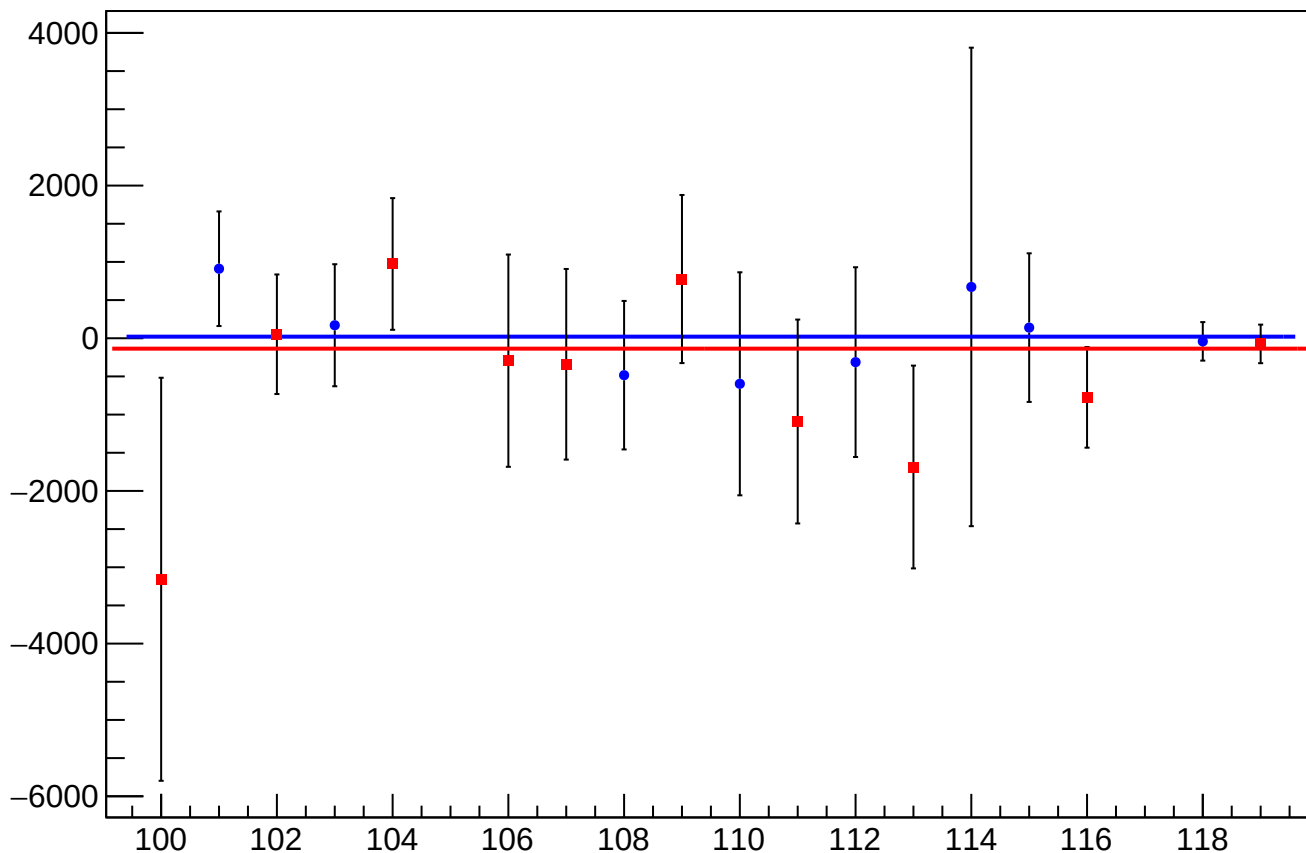
Right: 74.577+/-0.020 χ^2/NDF : 1211337.3/17

In: 74.671+/-0.030 χ^2/NDF : 554329.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.577+/-0.020 χ^2/NDF : 1211337.3/17

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 20.911+/-211.436 χ^2/NDF : 2.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -136.221+/-203.294 χ^2/NDF : 6.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

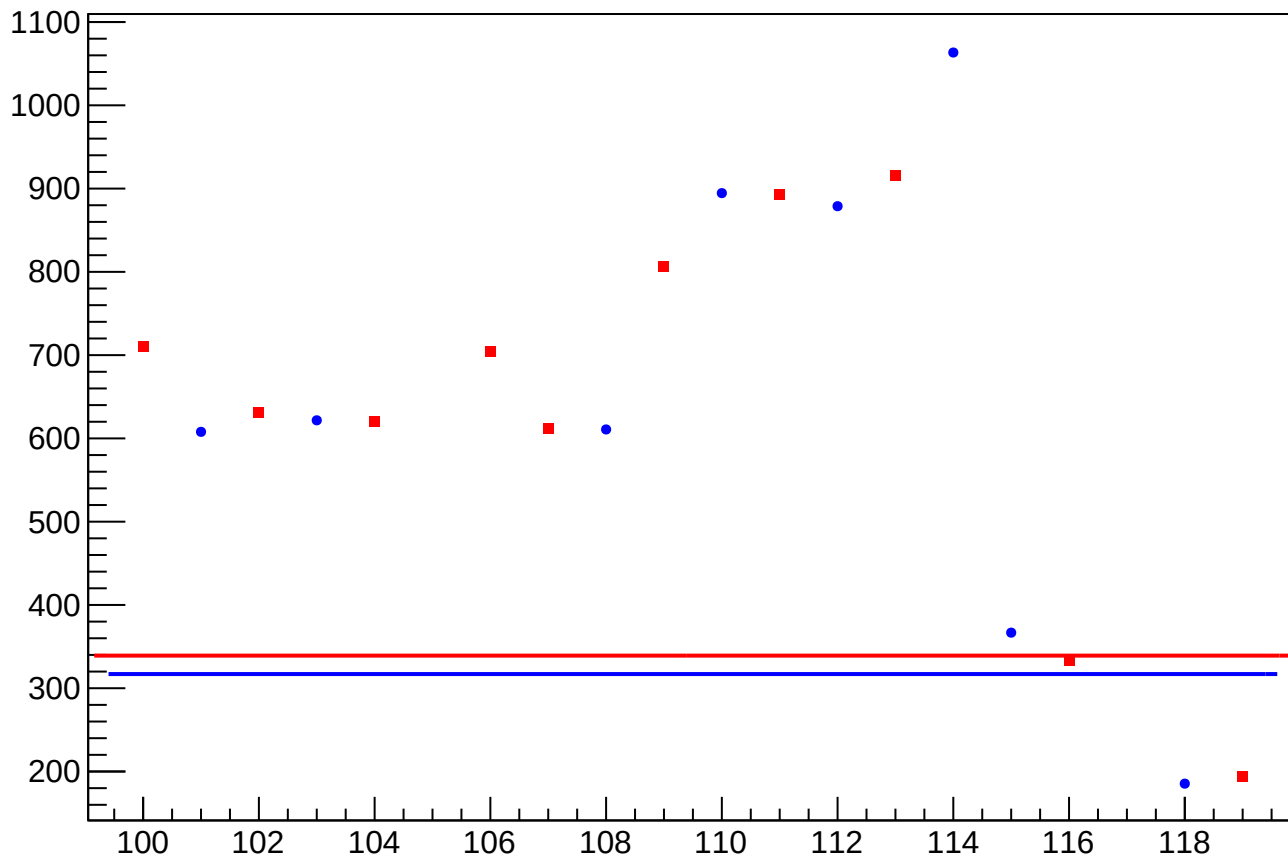
Right: -60.738+/-146.544 χ^2/NDF : 9.0/17

In: 20.911+/-211.436 χ^2/NDF : 2.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.738+/-146.544 χ^2/NDF : 9.0/17

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 317.014 $\pm$ 0.150 χ^2 /NDF: 2156908.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 339.156 $\pm$ 0.144 χ^2 /NDF: 2506204.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

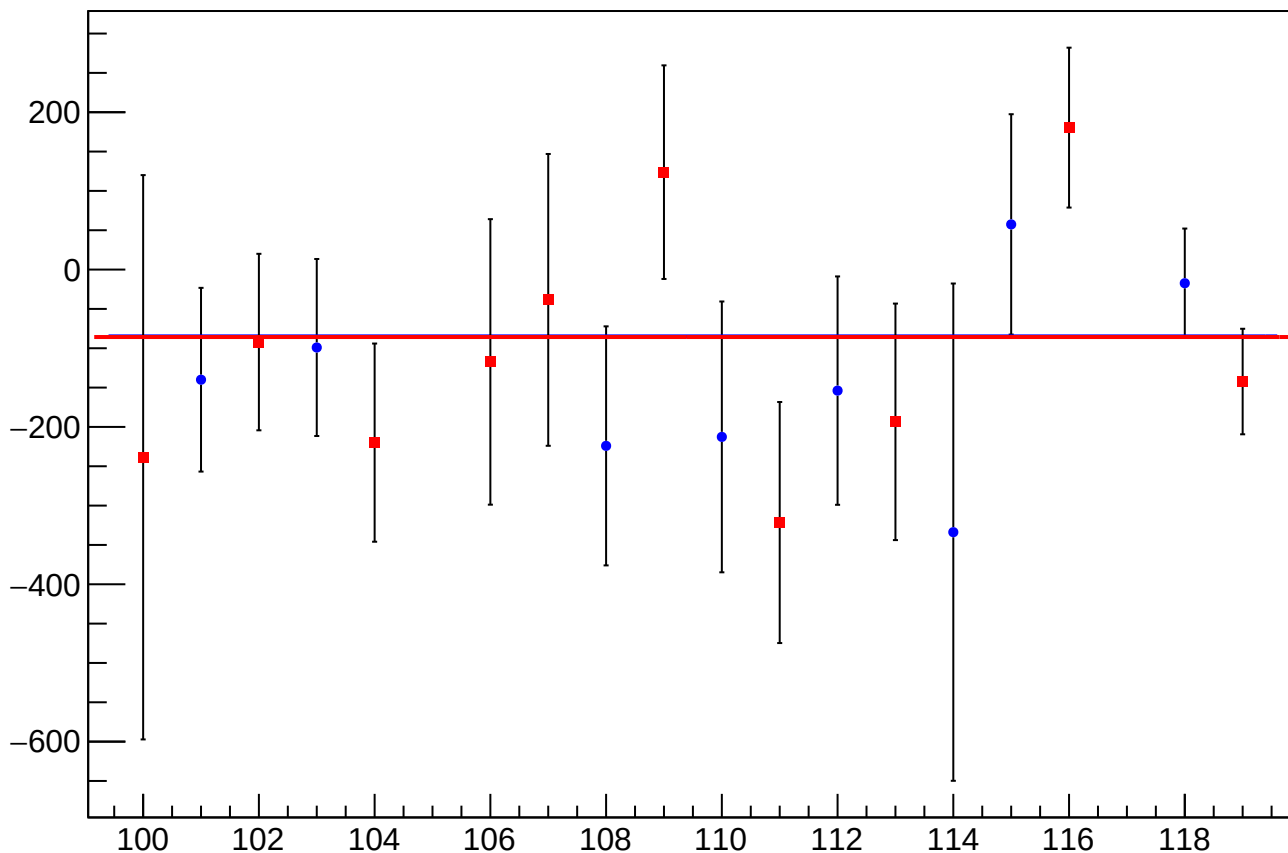
Right: 328.520 $\pm$ 0.104 χ^2 /NDF: 4674510.1/17

In: 317.014 $\pm$ 0.150 χ^2 /NDF:2156908.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.520 $\pm$ 0.104 χ^2 /NDF: 4674510.1/17

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -84.919 $\pm$ 42.830 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -85.735 $\pm$ 38.633 χ^2 /NDF: 14.3/7

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

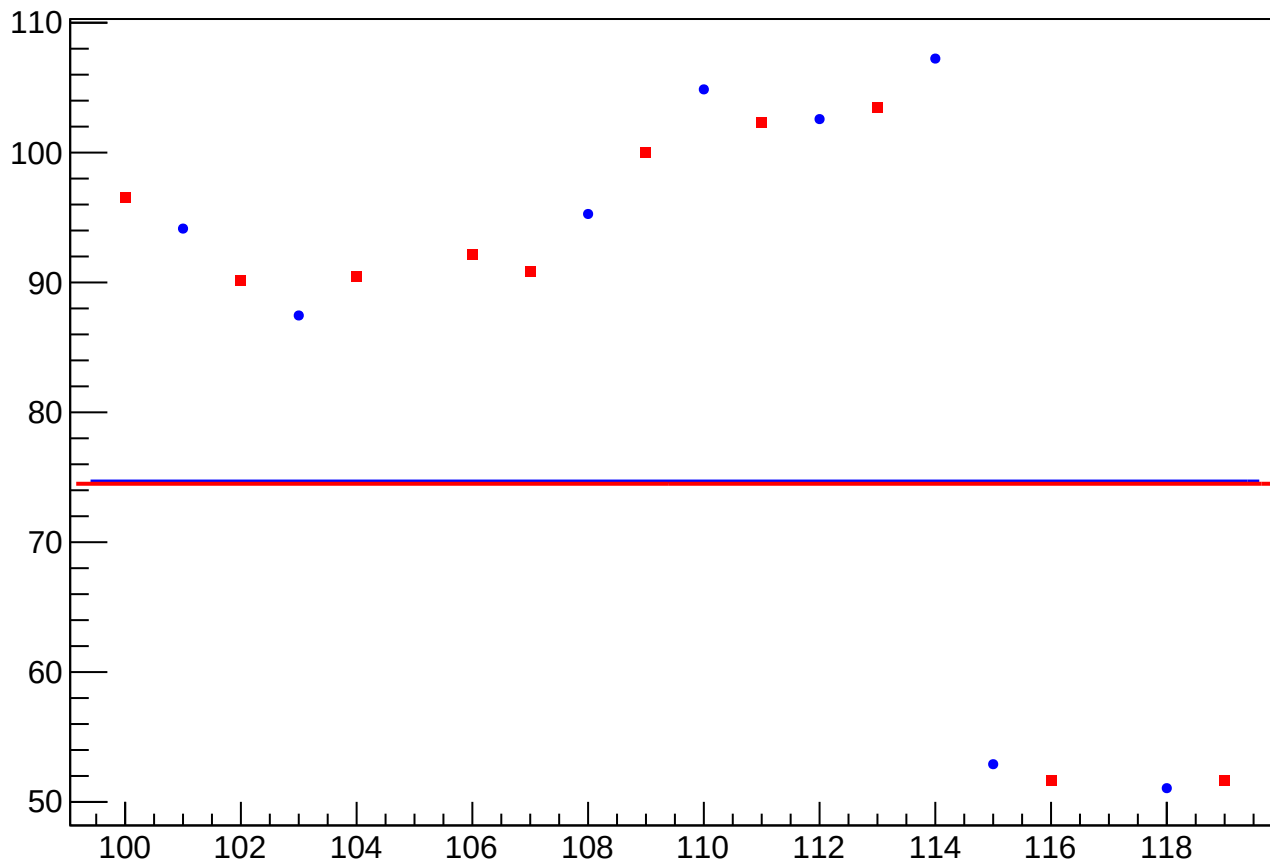
Right: -85.369 $\pm$ 28.687 χ^2 /NDF: 18.7/17

In: -84.919 $\pm$ 42.830 χ^2 /NDF:4.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -85.369 $\pm$ 28.687 χ^2 /NDF: 18.7/17

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 74.671+/-0.030 χ^2/NDF : 554329.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.500+/-0.027 χ^2/NDF : 656990.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

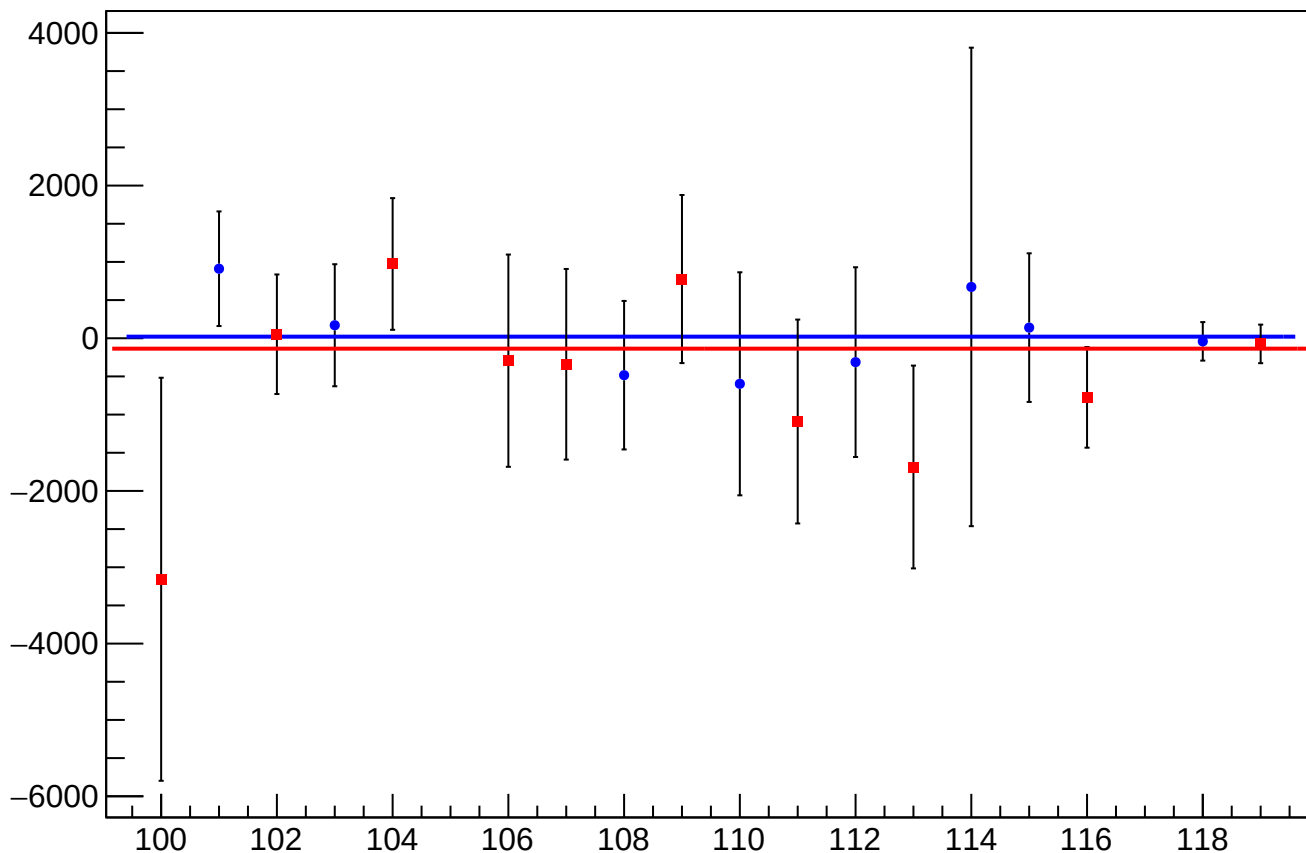
Right: 74.577+/-0.020 χ^2/NDF : 1211337.3/17

In: 74.671+/-0.030 χ^2/NDF : 554329.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.577+/-0.020 χ^2/NDF : 1211337.3/17

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 20.911 $\pm$ 211.436 χ^2 /NDF: 2.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.221 $\pm$ 203.294 χ^2 /NDF: 6.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

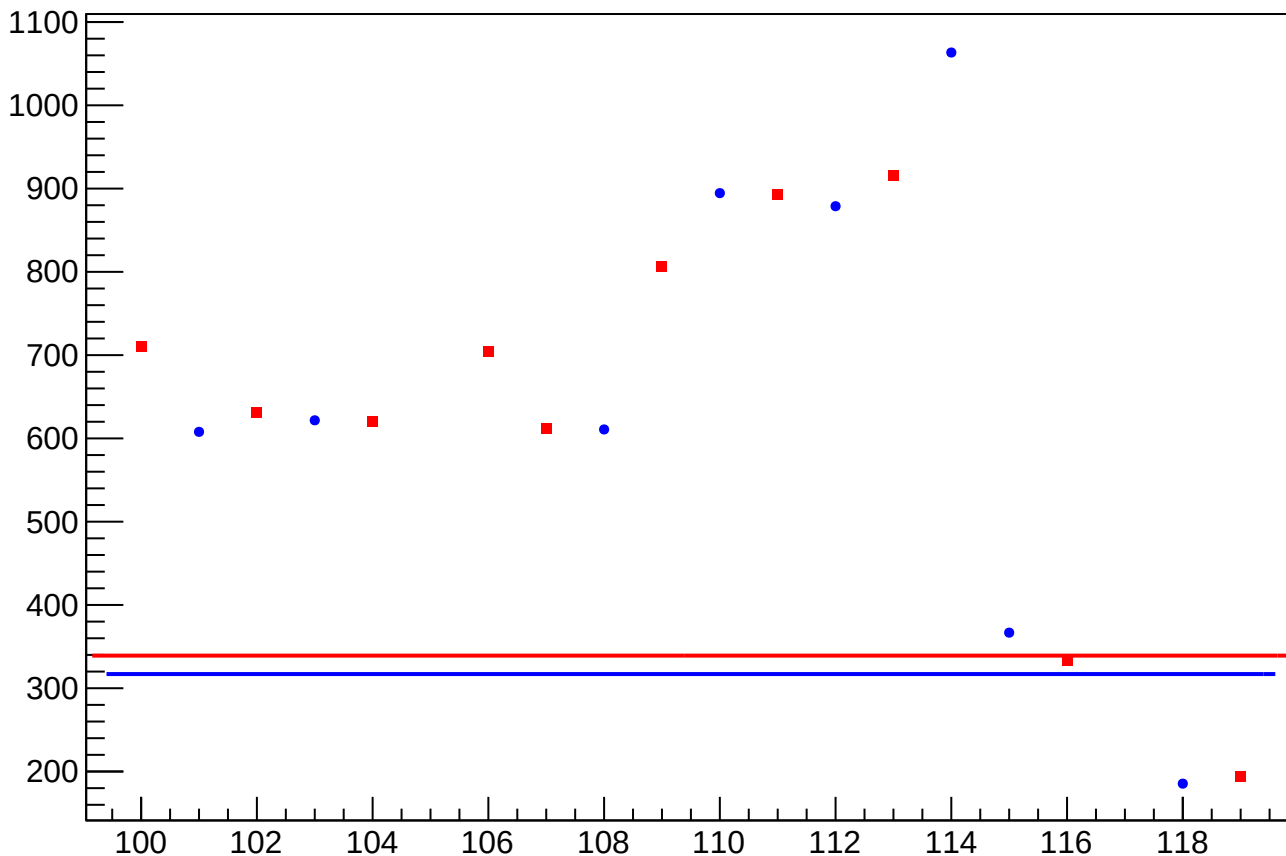
Right: -60.738 $\pm$ 146.544 χ^2 /NDF: 9.0/17

In: 20.911 $\pm$ 211.436 χ^2 /NDF:2.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.738 $\pm$ 146.544 χ^2 /NDF: 9.0/17

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 317.014 $\pm$ 0.150 χ^2 /NDF: 2156908.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 339.156 $\pm$ 0.144 χ^2 /NDF: 2506204.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

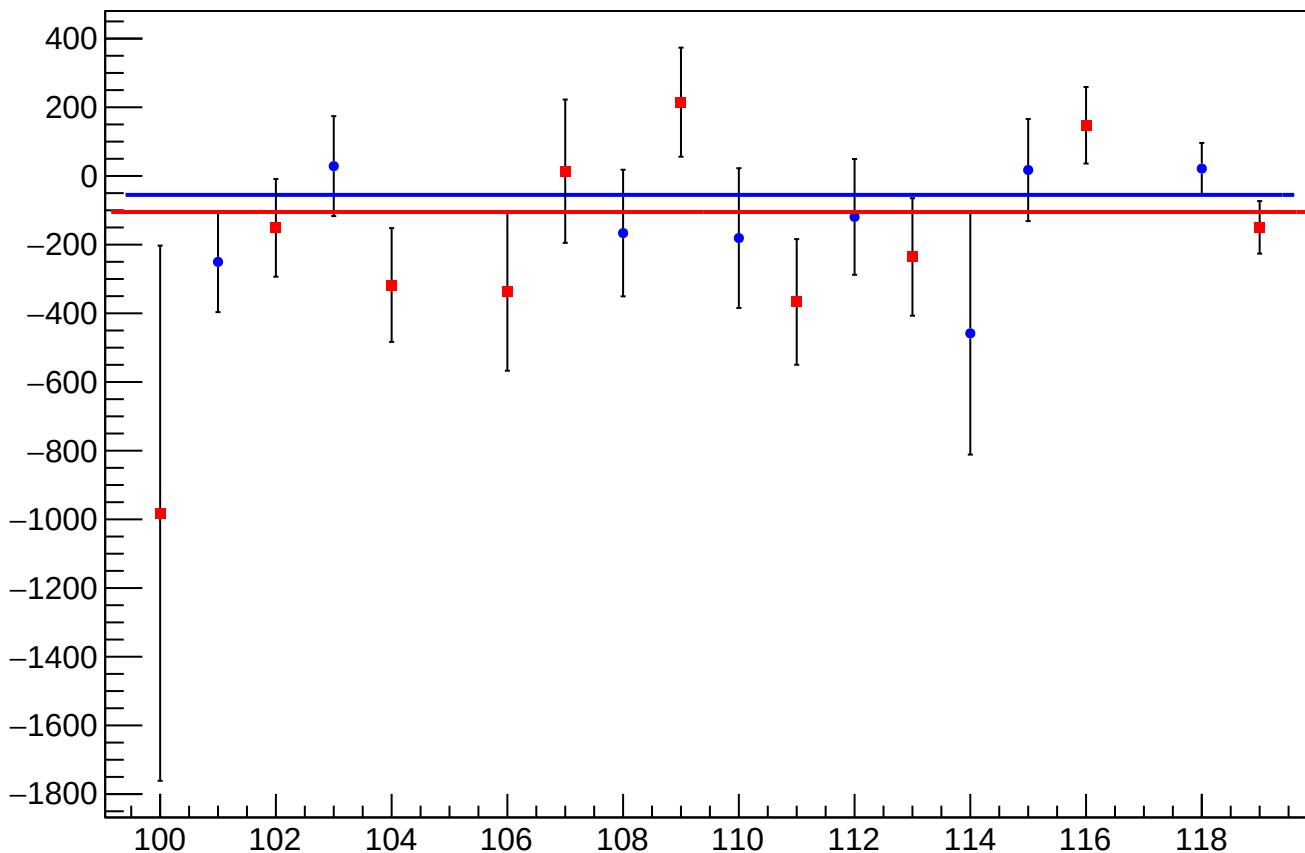
Right: 328.520 $\pm$ 0.104 χ^2 /NDF: 4674510.1/17

In: 317.014 $\pm$ 0.150 χ^2 /NDF:2156908.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.520 $\pm$ 0.104 χ^2 /NDF: 4674510.1/17

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -55.101 $\pm$ 49.091 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -104.905 $\pm$ 45.442 χ^2 /NDF: 16.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

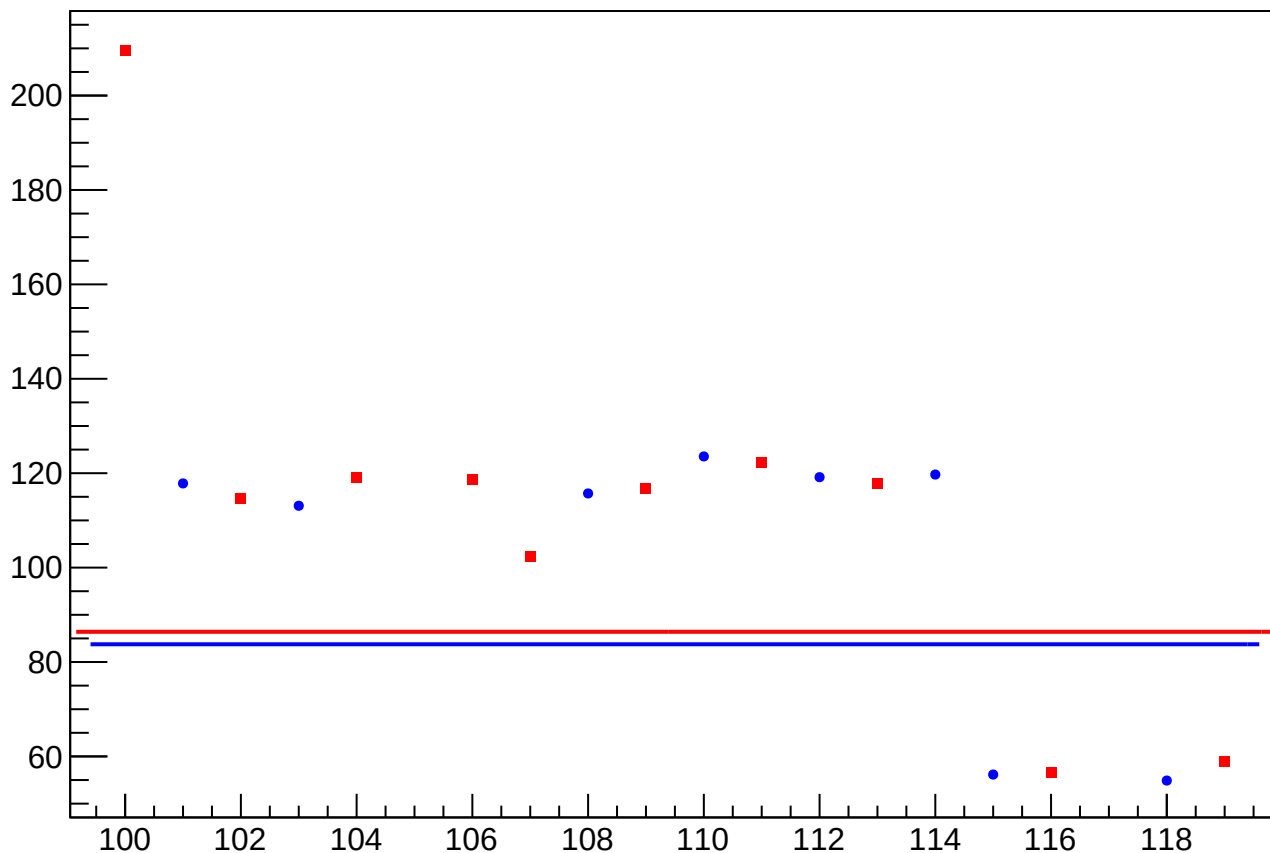
Right: -81.923 $\pm$ 33.348 χ^2 /NDF: 22.7/17

In: -55.101 $\pm$ 49.091 χ^2 /NDF:5.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -81.923 $\pm$ 33.348 χ^2 /NDF: 22.7/17

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 83.758+/-0.035 χ^2/NDF : 802570.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.405+/-0.032 χ^2/NDF : 873615.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

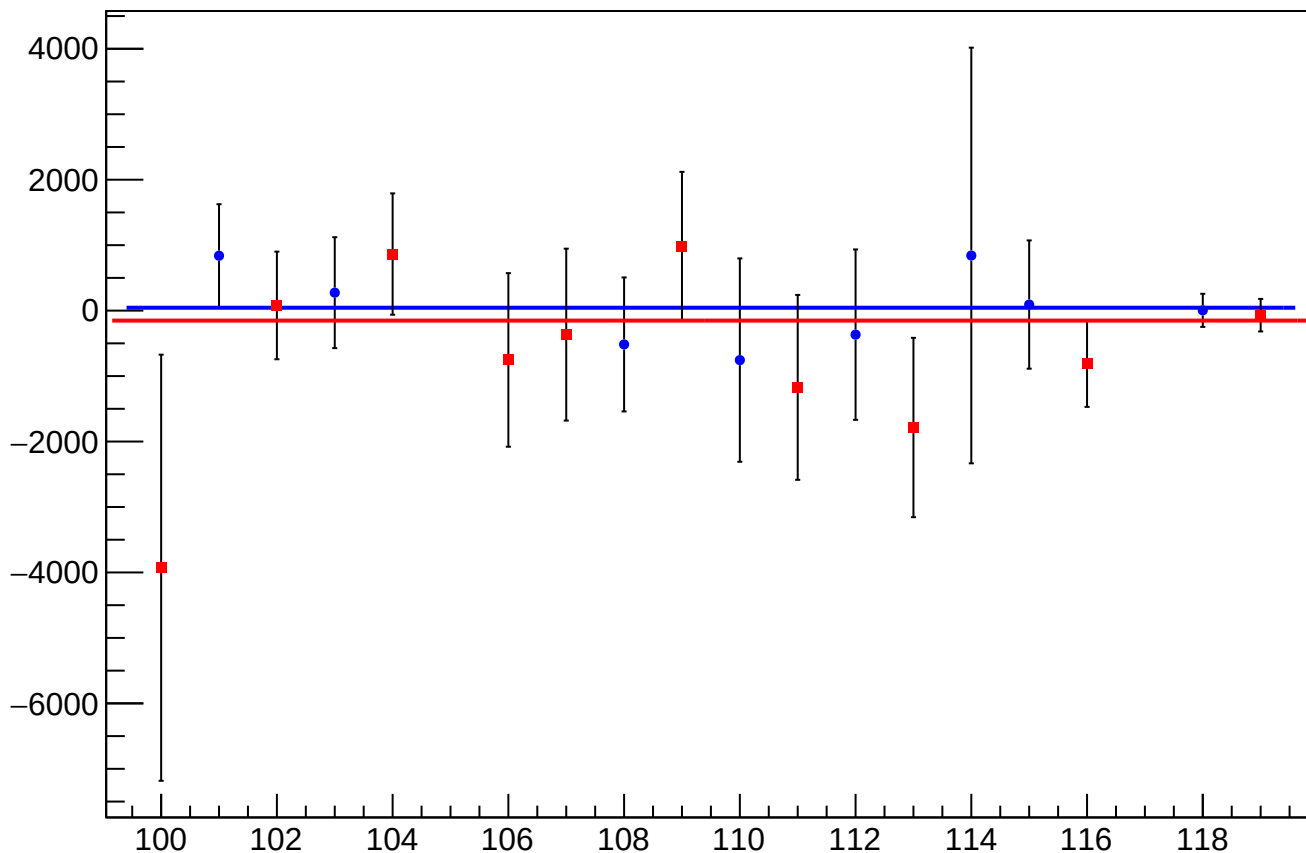
Right: 85.184+/-0.024 χ^2/NDF : 1679316.7/17

In: 83.758+/-0.035 χ^2/NDF : 802570.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.184+/-0.024 χ^2/NDF : 1679316.7/17

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.172+/-214.460 χ^2/NDF : 1.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.087+/-203.242 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

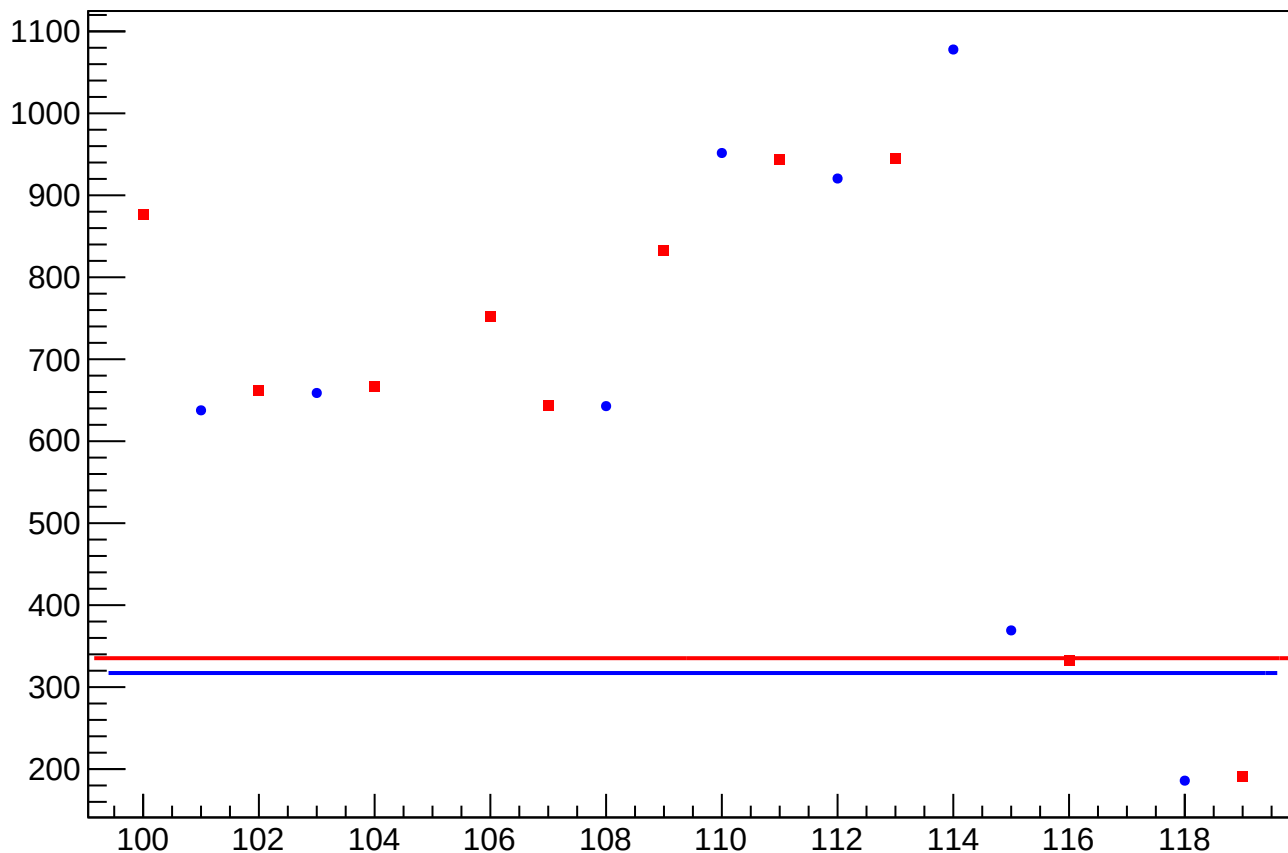
Right: -59.224+/-147.520 χ^2/NDF : 9.2/17

In: 44.172+/-214.460 χ^2/NDF : 1.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.224+/-147.520 χ^2/NDF : 9.2/17

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 317.186+/-0.152 χ^2/NDF : 2282202.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.280+/-0.144 χ^2/NDF : 2764378.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

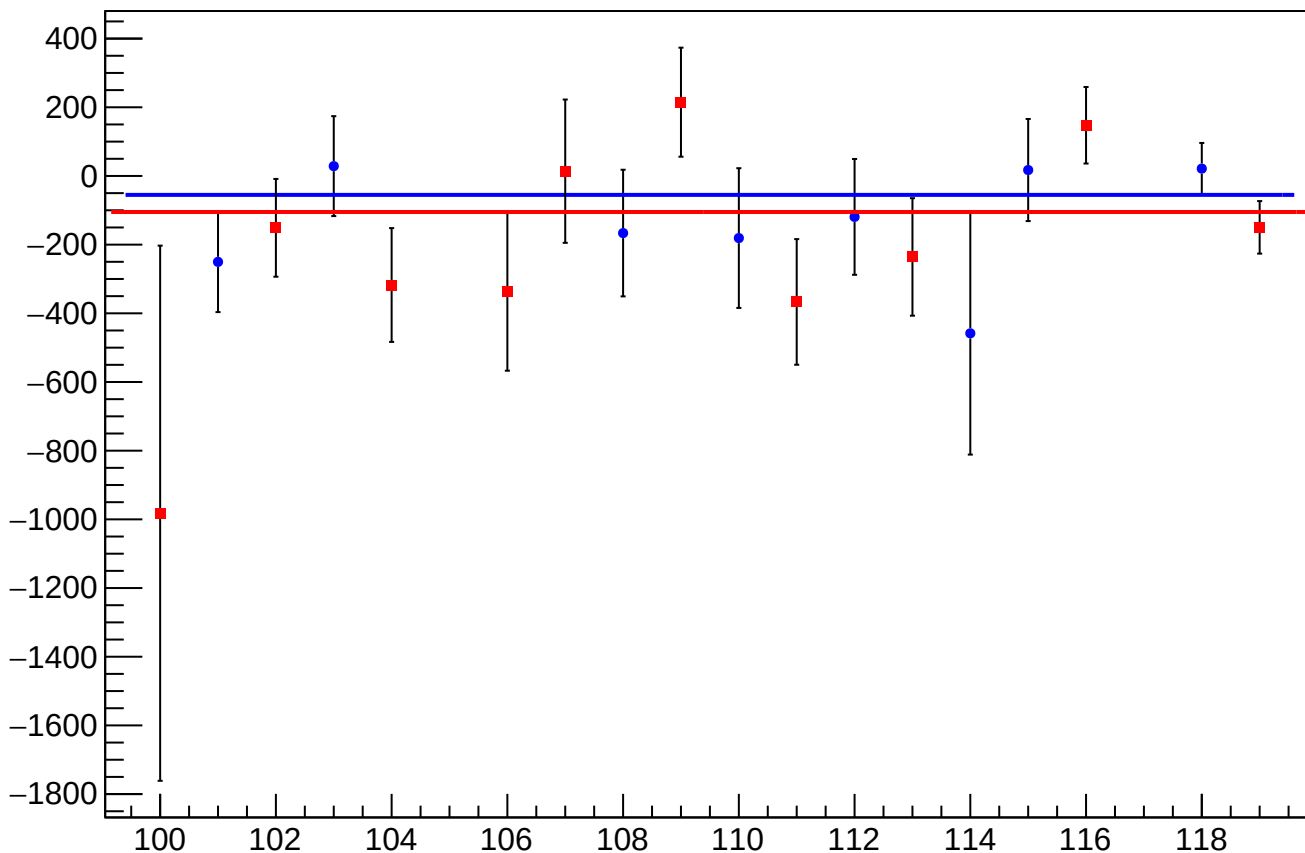
Right: 326.718+/-0.104 χ^2/NDF : 5054081.9/17

In: 317.186+/-0.152 χ^2/NDF : 2282202.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 326.718+/-0.104 χ^2/NDF : 5054081.9/17

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -55.100 $\pm$ 49.090 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -104.907 $\pm$ 45.442 χ^2 /NDF: 16.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

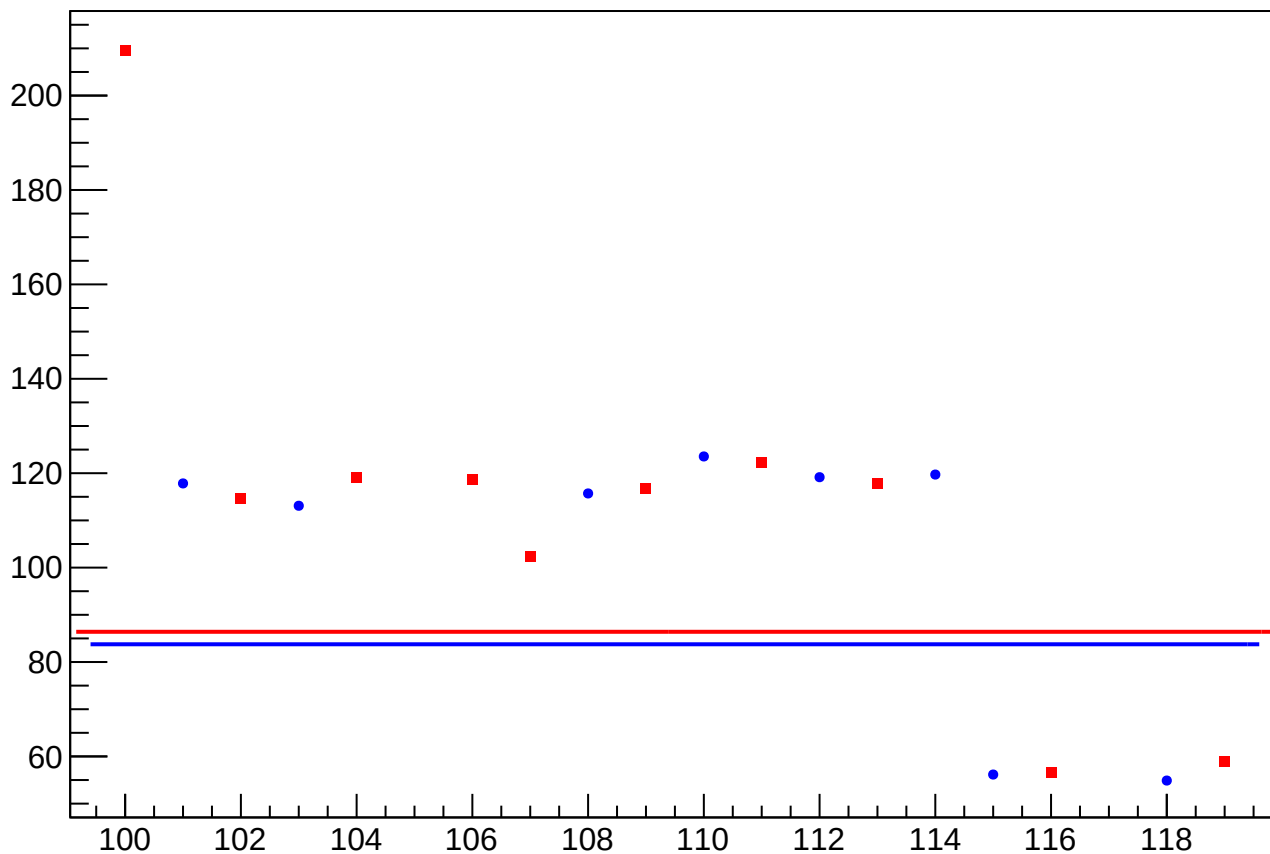
Right: -81.923 $\pm$ 33.348 χ^2 /NDF: 22.7/17

In: -55.100 $\pm$ 49.090 χ^2 /NDF:5.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -81.923 $\pm$ 33.348 χ^2 /NDF: 22.7/17

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 83.758+/-0.035 χ^2/NDF : 802569.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.404+/-0.032 χ^2/NDF : 873618.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

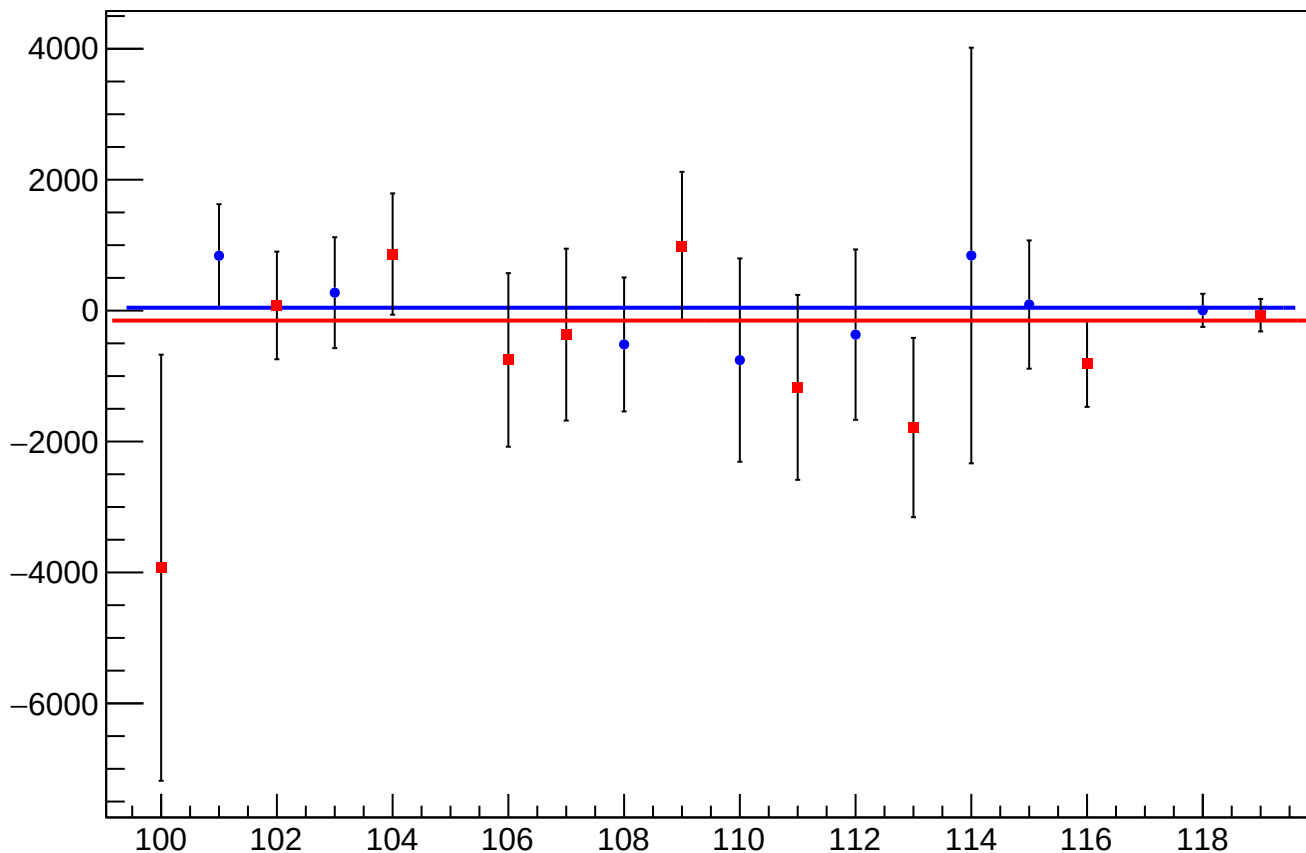
Right: 85.183+/-0.024 χ^2/NDF : 1679318.2/17

In: 83.758+/-0.035 χ^2/NDF : 802569.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.183+/-0.024 χ^2/NDF : 1679318.2/17

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 44.171+/-214.459 χ^2/NDF : 1.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -152.085+/-203.241 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

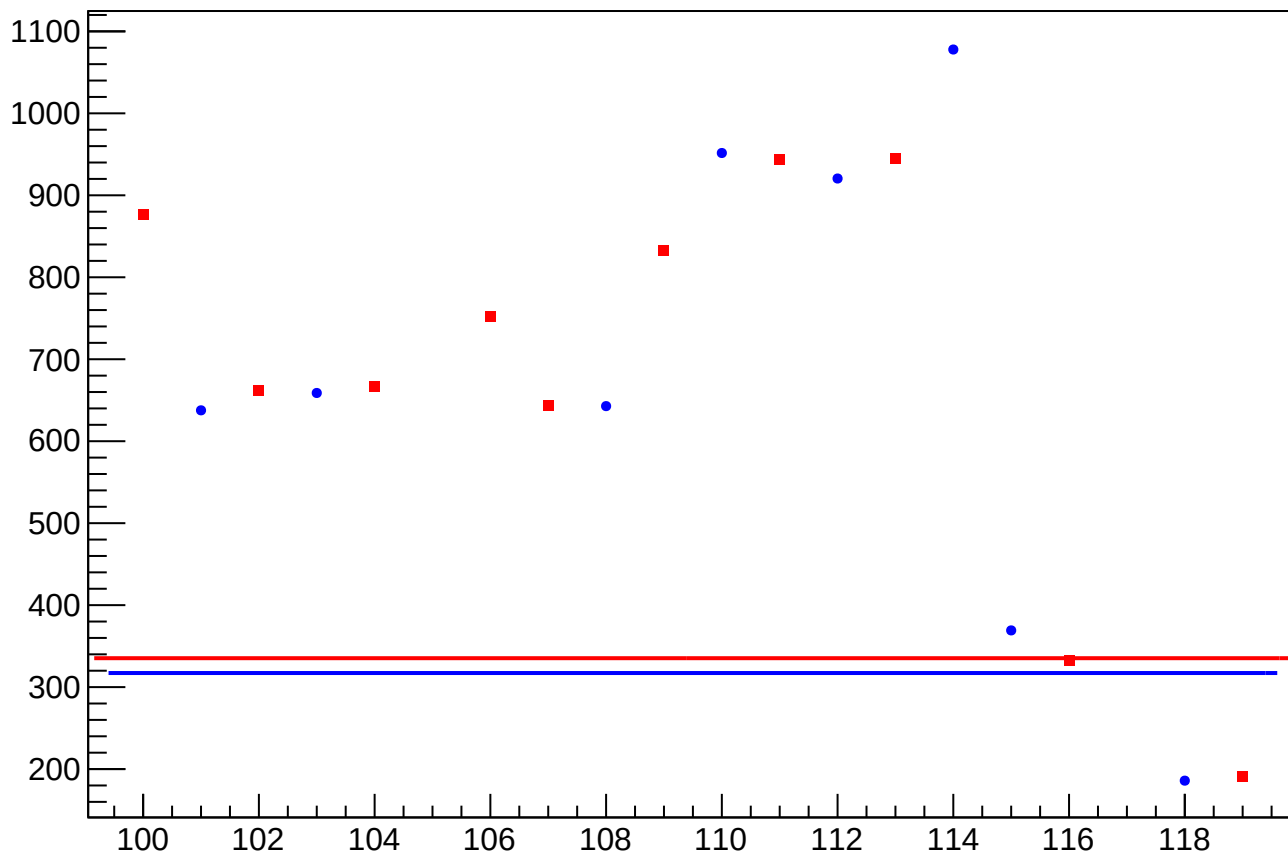
Right: -59.224+/-147.520 χ^2/NDF : 9.2/17

In: 44.171+/-214.459 χ^2/NDF : 1.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.224+/-147.520 χ^2/NDF : 9.2/17

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 317.185 $\pm$ 0.152 χ^2 /NDF: 2282200.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 335.279 $\pm$ 0.144 χ^2 /NDF: 2764375.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

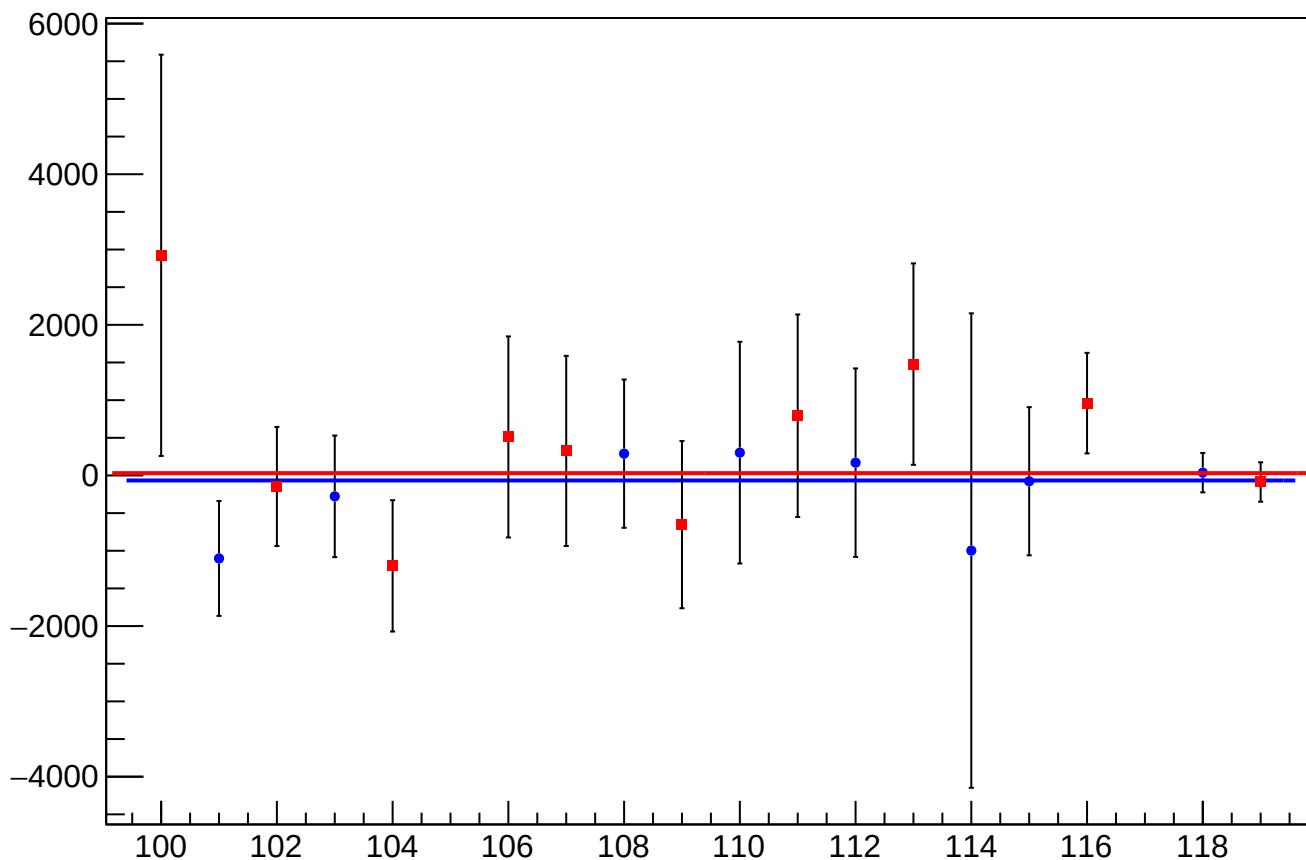
Right: 326.718 $\pm$ 0.104 χ^2 /NDF: 5054076.7/17

In: 317.185 $\pm$ 0.152 χ^2 /NDF:2282200.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 326.718 $\pm$ 0.104 χ^2 /NDF: 5054076.7/17

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -66.574 $\pm$ 217.712 χ^2 /NDF: 2.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.008 $\pm$ 208.459 χ^2 /NDF: 7.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

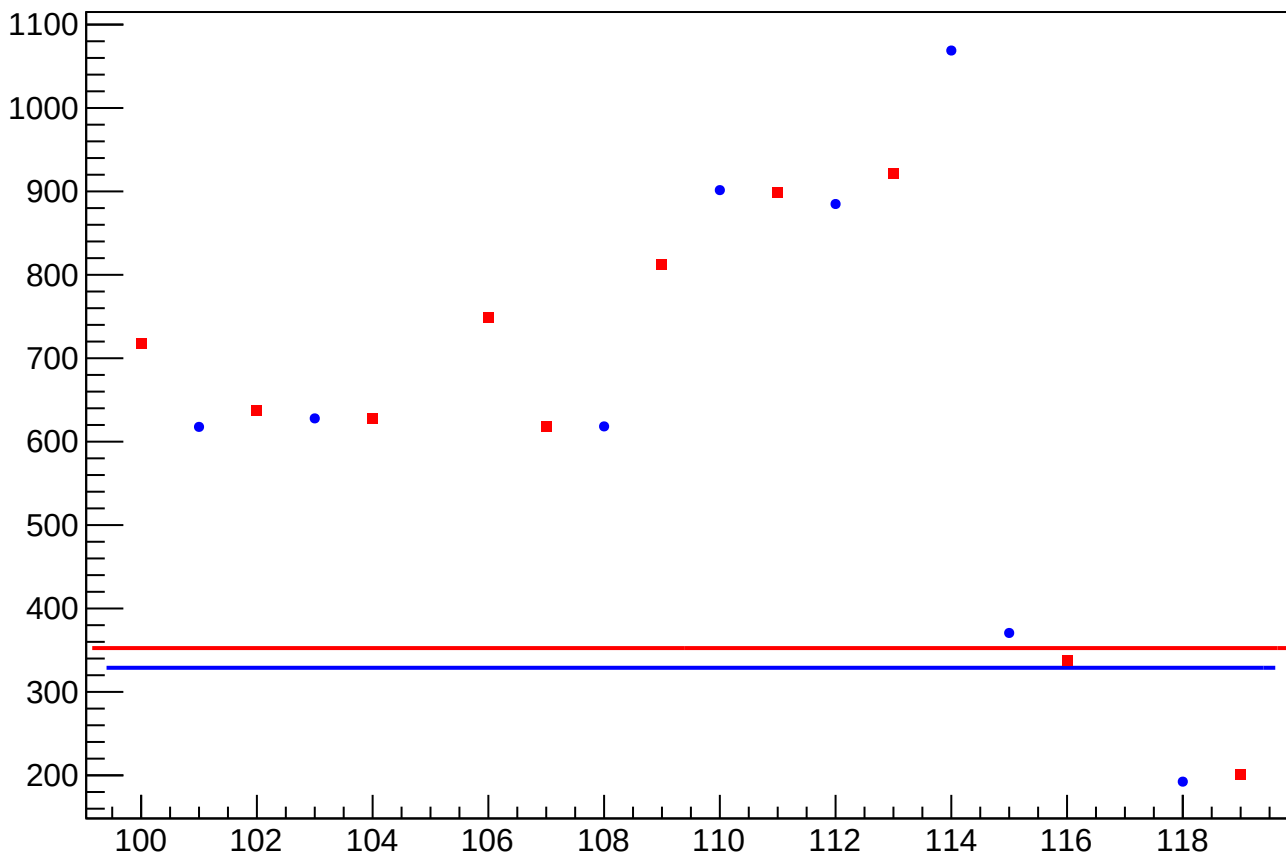
Right: -15.665 $\pm$ 150.568 χ^2 /NDF: 9.9/17

In: -66.574 $\pm$ 217.712 χ^2 /NDF: 2.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.665 $\pm$ 150.568 χ^2 /NDF: 9.9/17

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 328.920+/-0.154 χ^2/NDF : 2088125.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.545+/-0.147 χ^2/NDF : 2469989.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

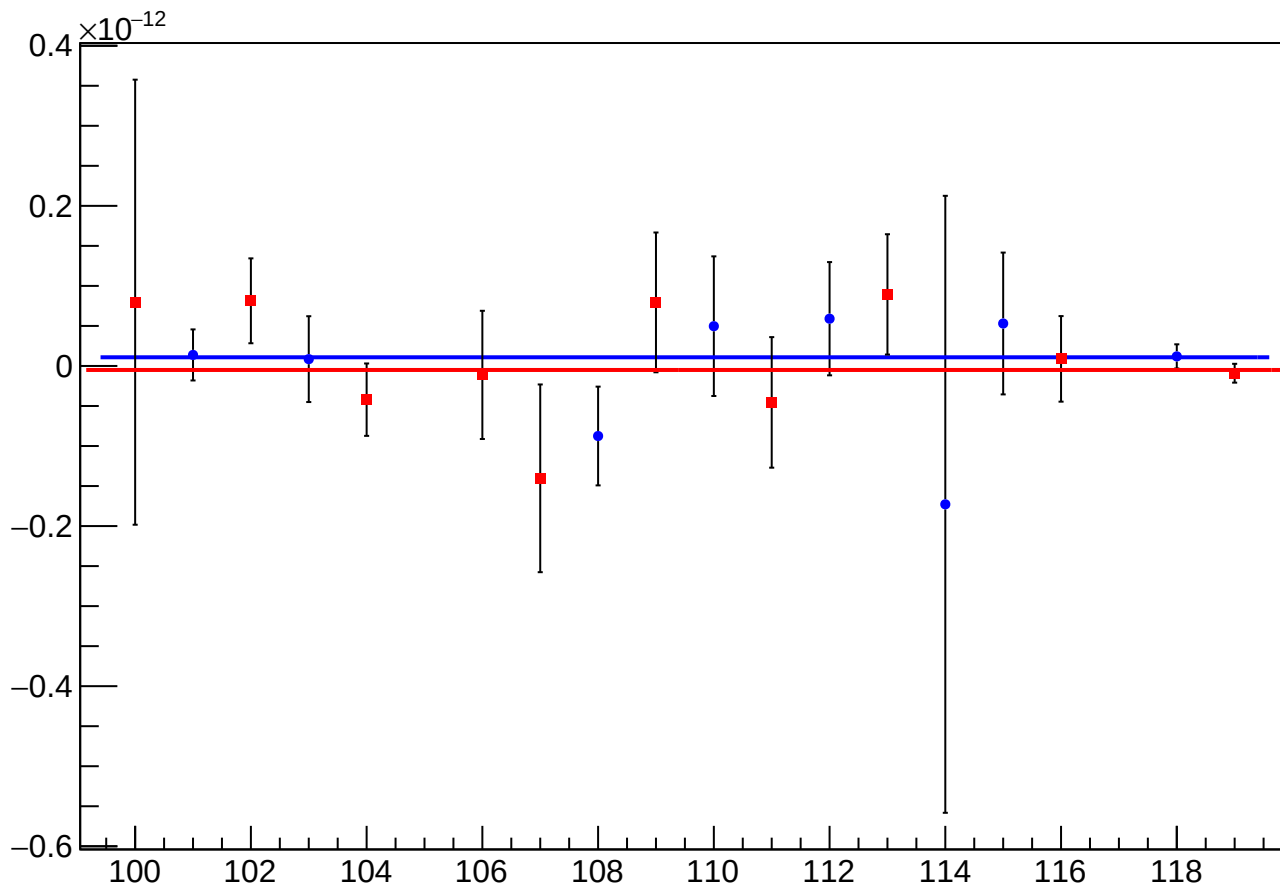
Right: 341.245+/-0.106 χ^2/NDF : 4570401.2/17

In: 328.920+/-0.154 χ^2/NDF : 2088125.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.245+/-0.106 χ^2/NDF : 4570401.2/17

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

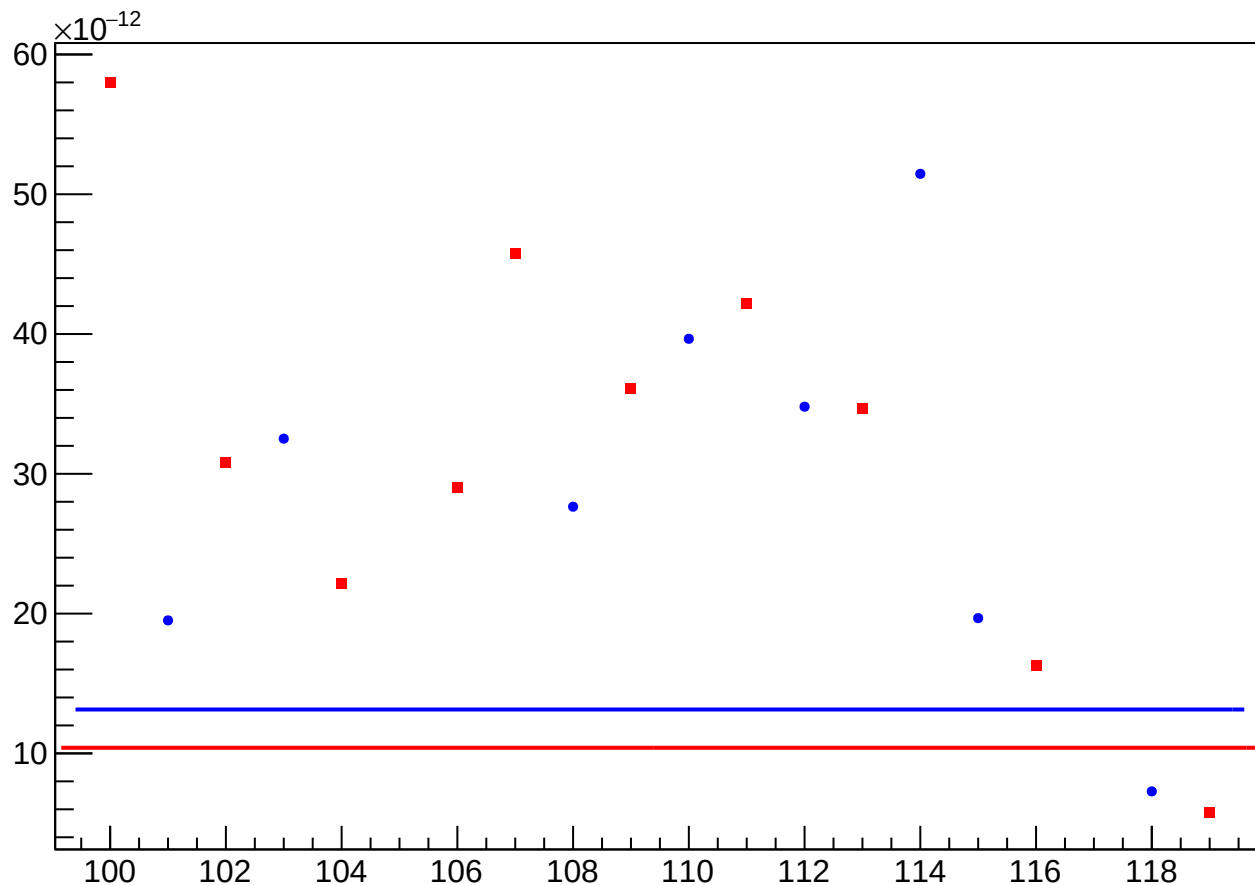
Right: 0.000+/-0.000 χ^2/NDF : 12.3/17

In: 0.000+/-0.000 χ^2/NDF : 3.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.3/17

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1156450.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1800561.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

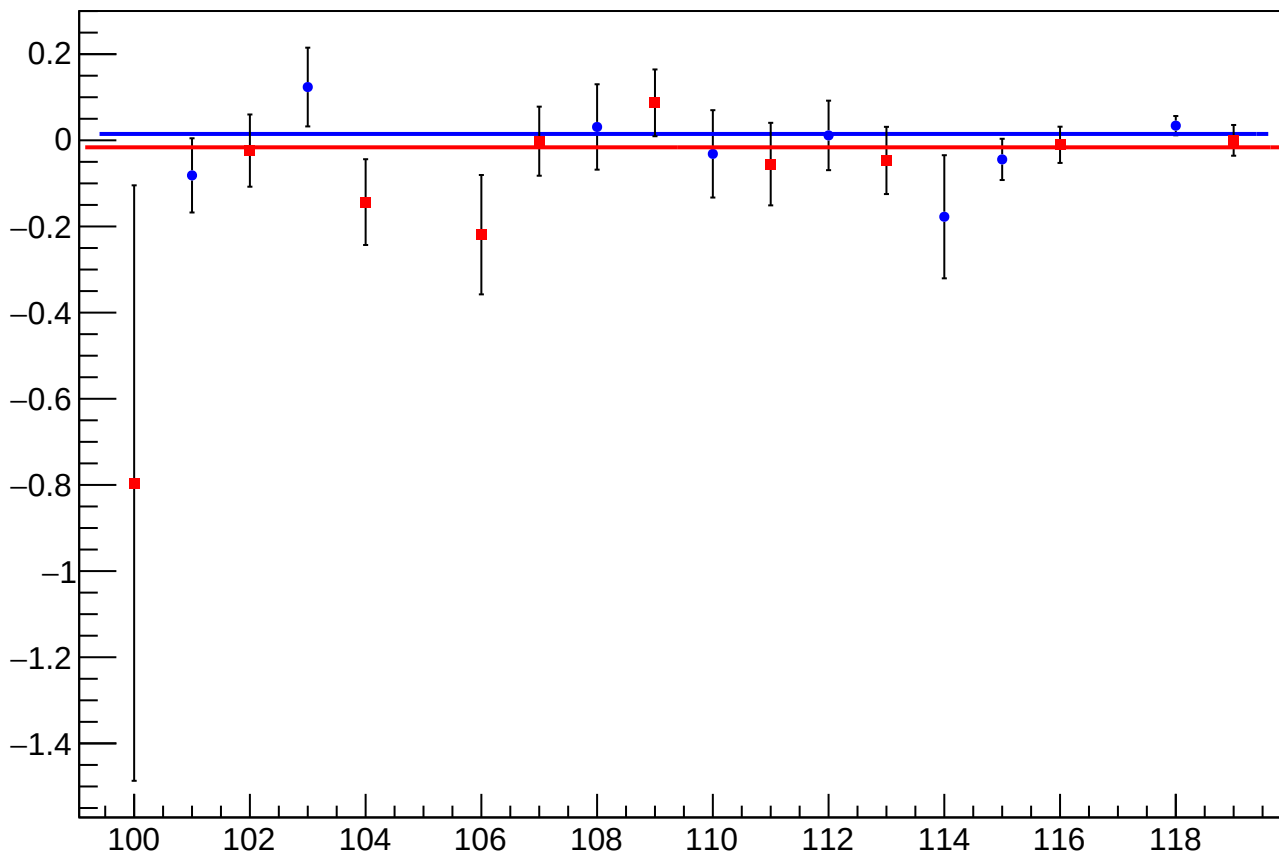
Right: 0.000+/-0.000 χ^2/NDF : 3013675.4/17

In: 0.000+/-0.000 χ^2/NDF : 1156450.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3013675.4/17

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.021 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

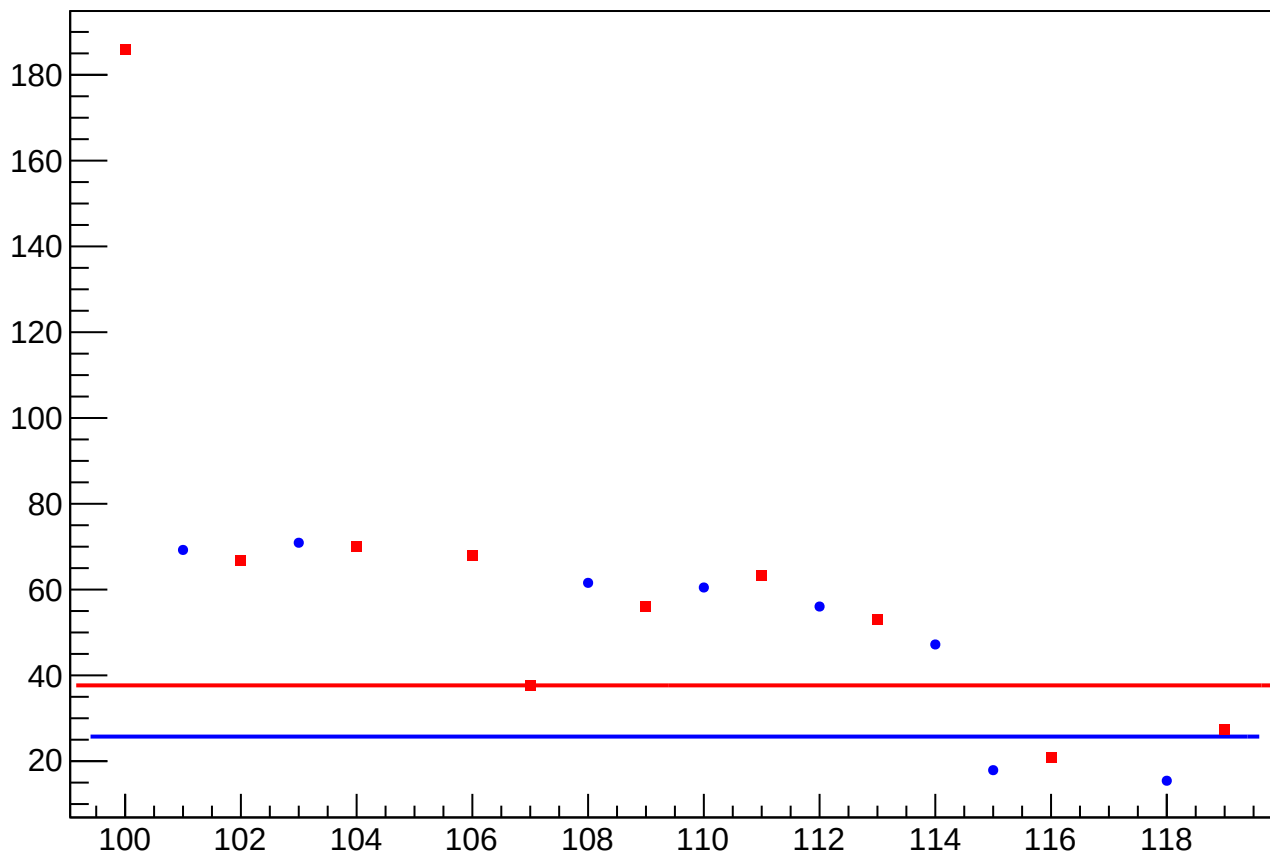
Right: 0.002+/-0.014 χ^2/NDF : 15.6/17

In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.014 χ^2/NDF : 15.6/17

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.730+/-0.013 χ^2/NDF : 2300628.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459148.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

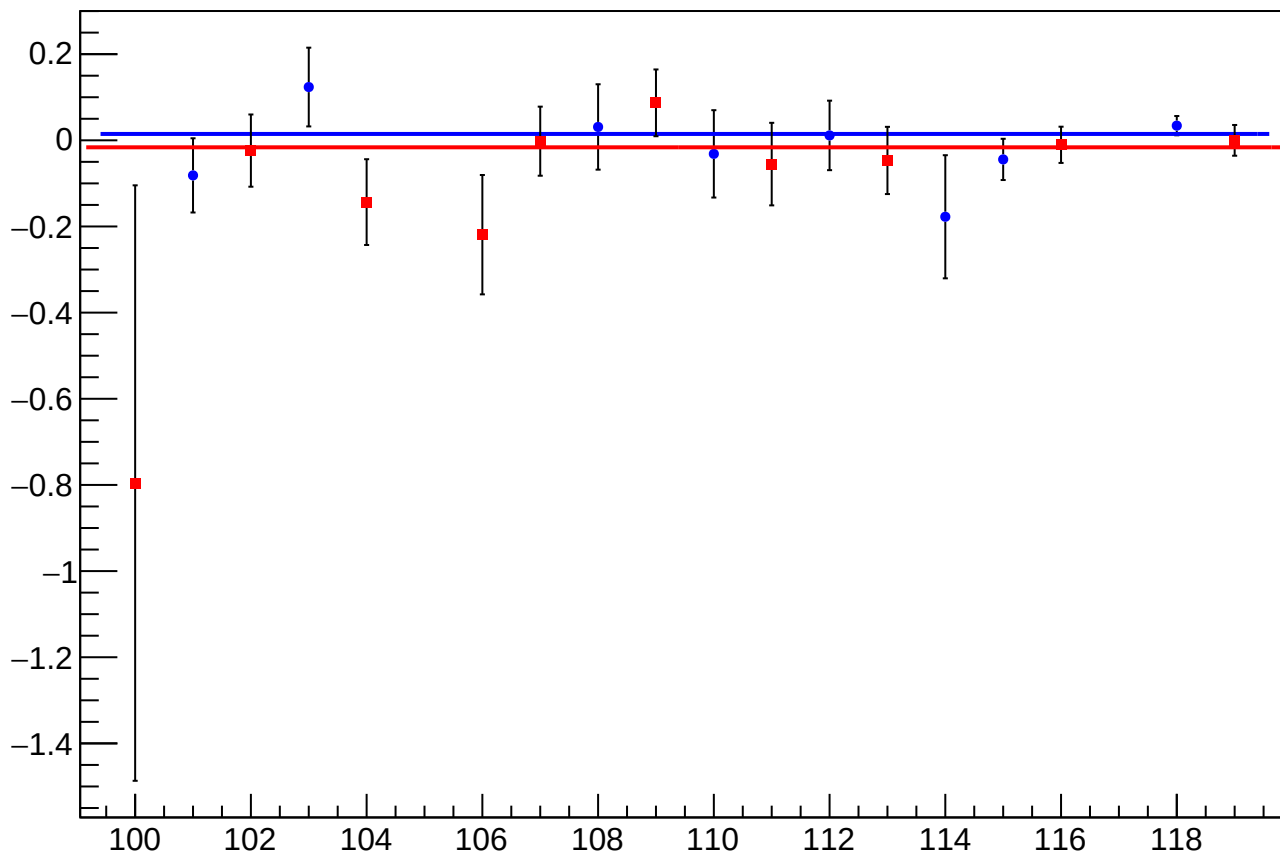
Right: 30.747+/-0.010 χ^2/NDF : 4130233.7/17

In: 25.730+/-0.013 χ^2/NDF :2300628.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.747+/-0.010 χ^2/NDF : 4130233.7/17

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.021 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

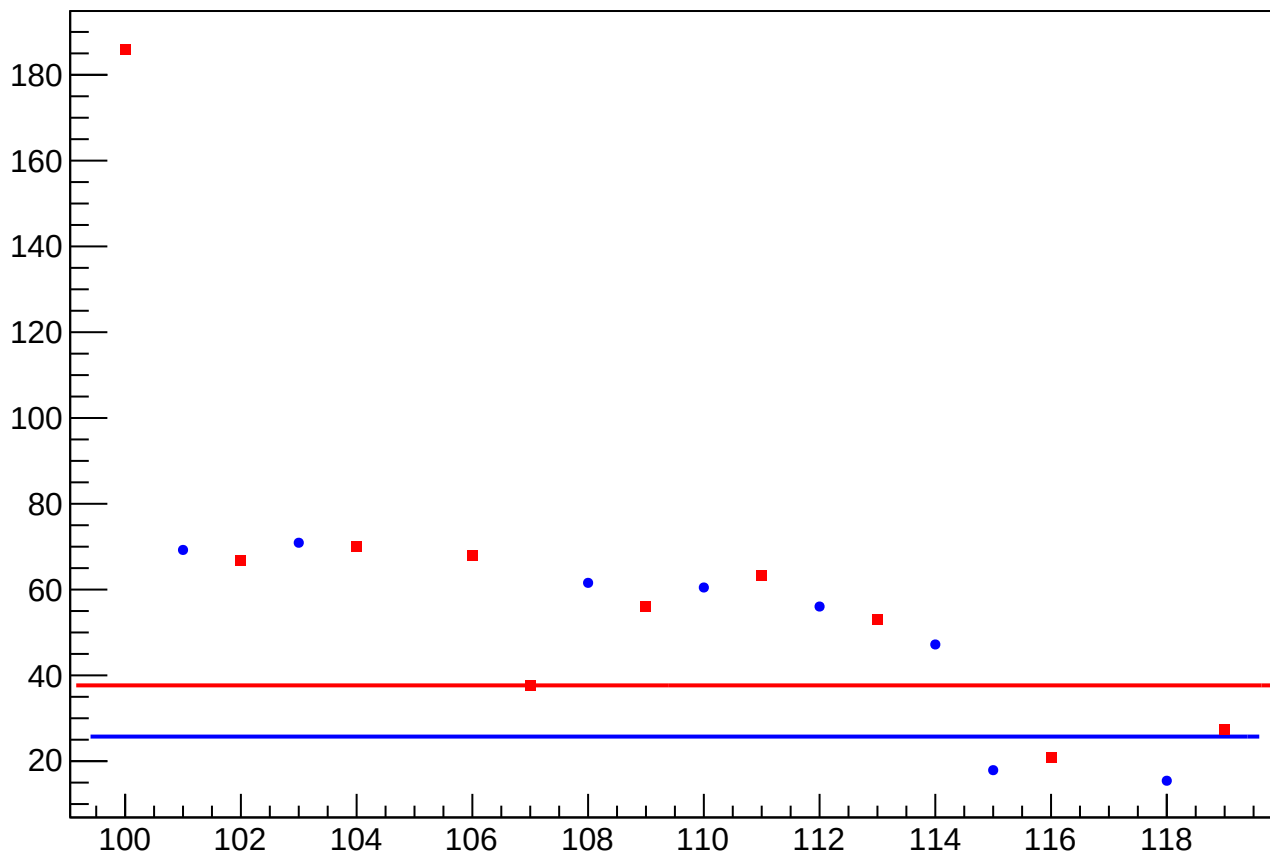
Right: 0.002+/-0.014 χ^2/NDF : 15.6/17

In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.014 χ^2/NDF : 15.6/17

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.730+/-0.013 χ^2/NDF : 2300628.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459148.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

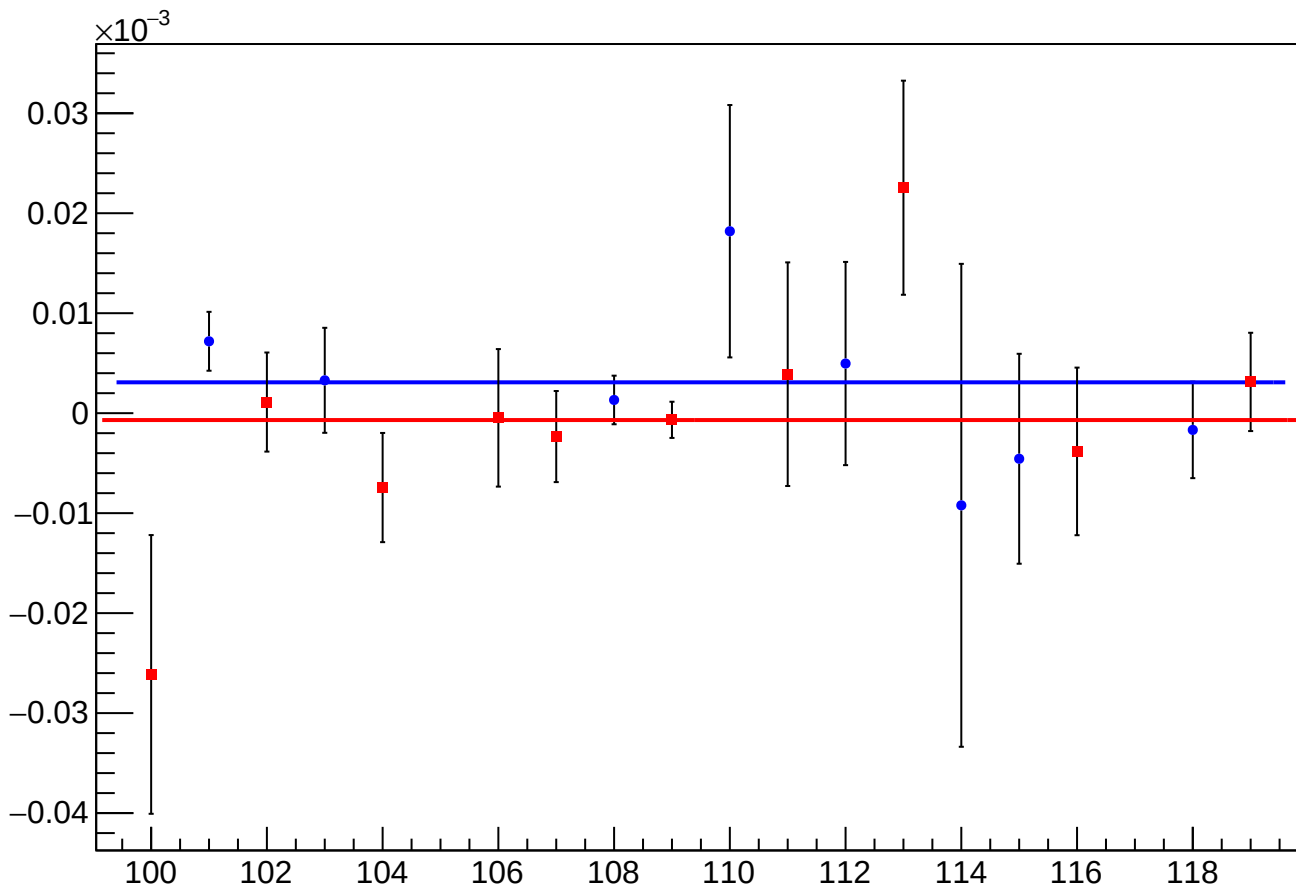
Right: 30.747+/-0.010 χ^2/NDF : 4130233.7/17

In: 25.730+/-0.013 χ^2/NDF : 2300628.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.747+/-0.010 χ^2/NDF : 4130233.7/17

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

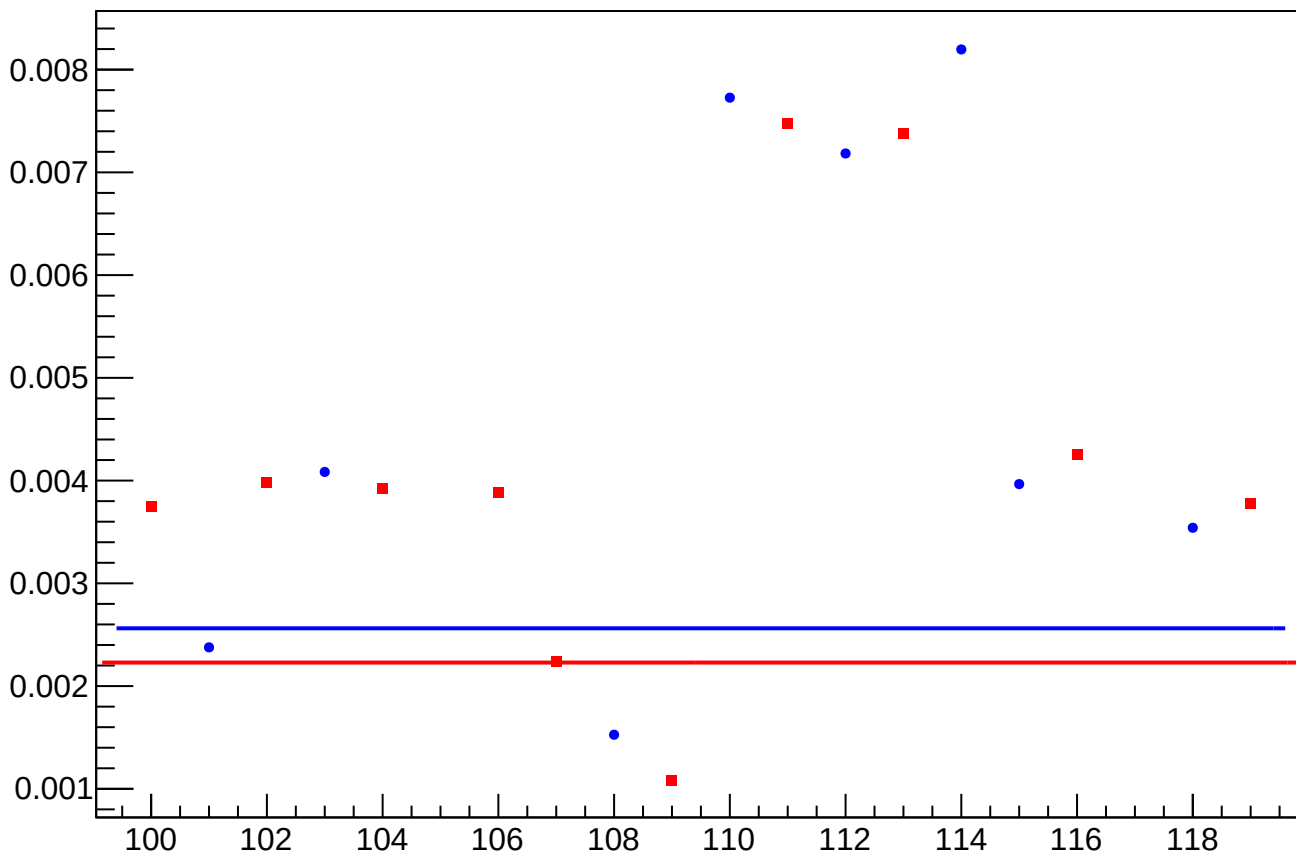
Right: 0.000+/-0.000 χ^2/NDF : 19.6/17

In: 0.000+/-0.000 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/17

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1514490.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2606975.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

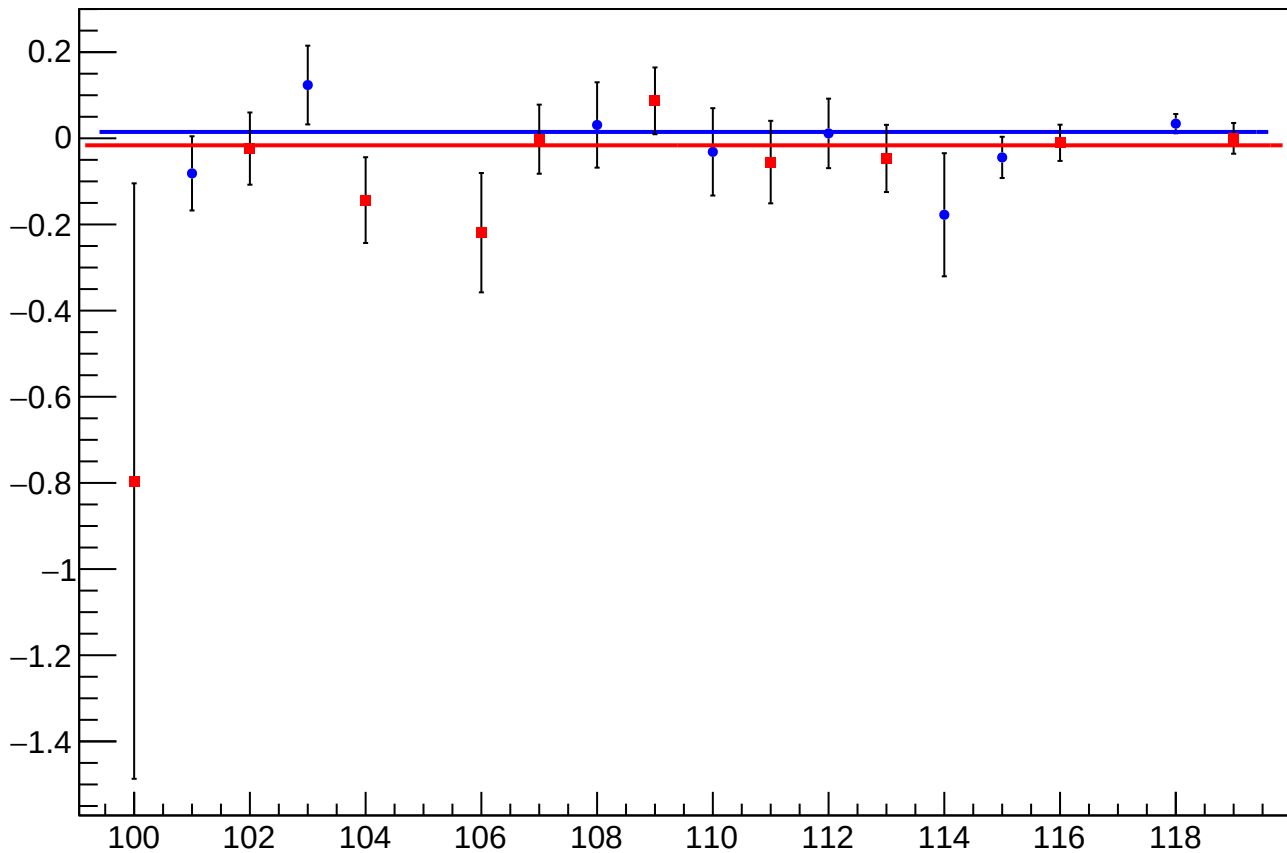
Right: 0.002+/-0.000 χ^2/NDF : 4171286.0/17

In: 0.003+/-0.000 χ^2/NDF : 1514490.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4171286.0/17

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.016+/-0.021 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

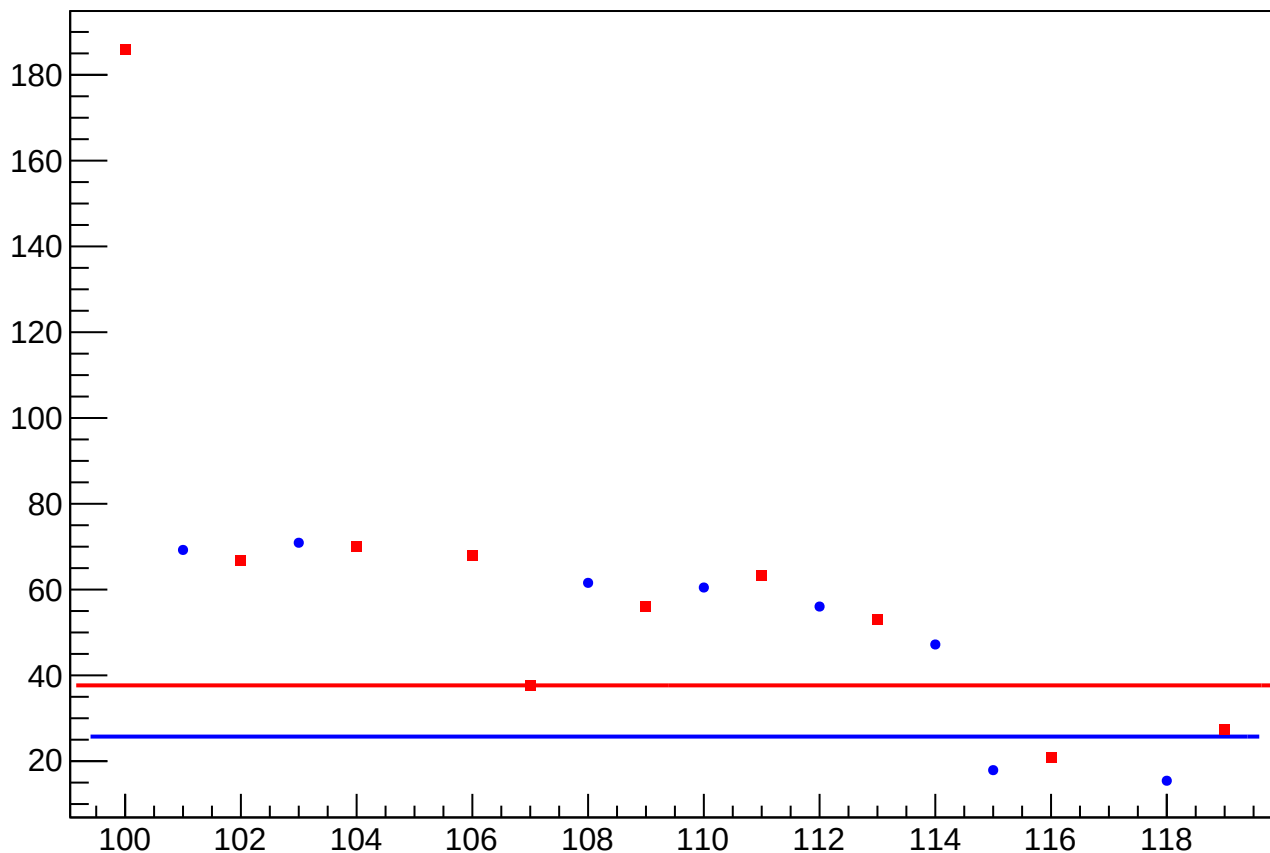
Right: 0.002+/-0.014 χ^2/NDF : 15.6/17

In: 0.015+/-0.018 χ^2/NDF : 7.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.014 χ^2/NDF : 15.6/17

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.728+/-0.013 χ^2/NDF : 2300742.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

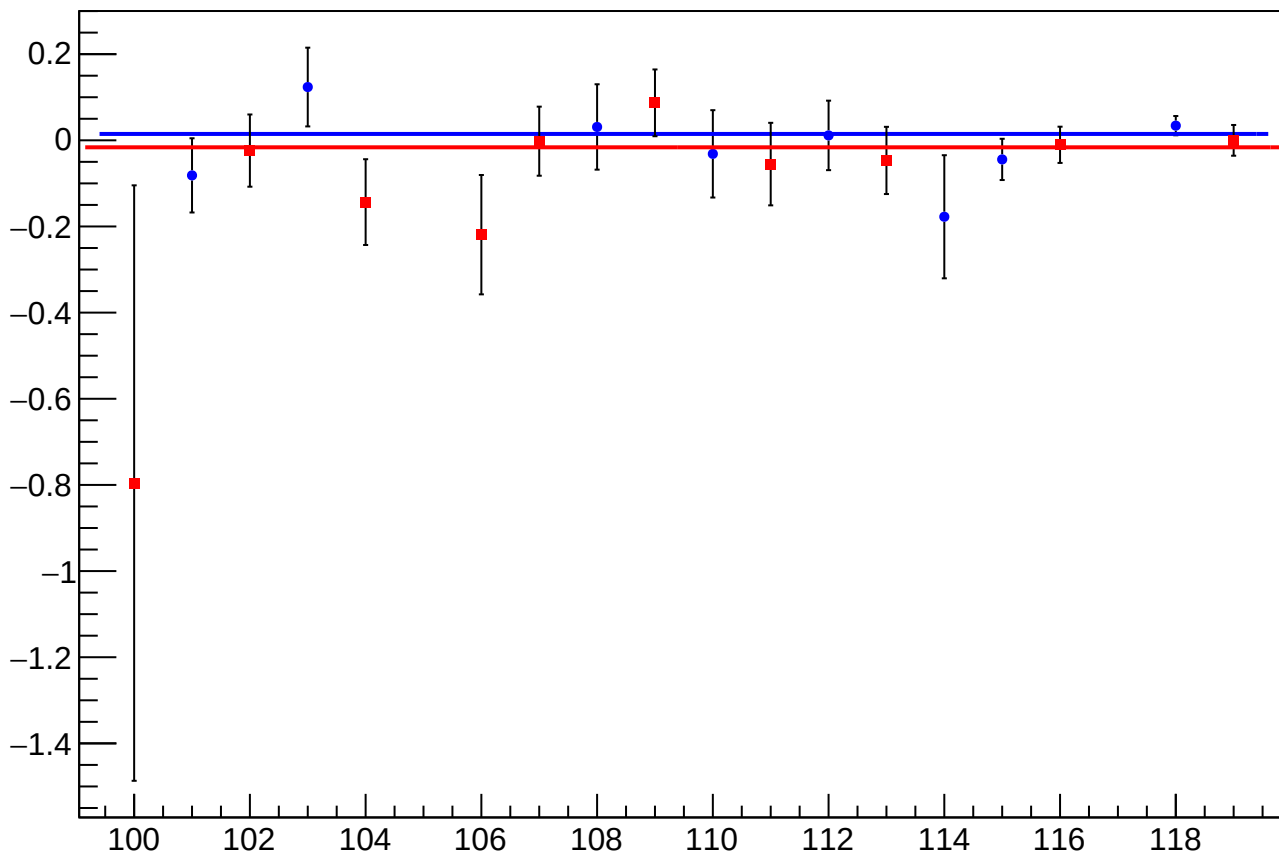
Right: 30.746+/-0.010 χ^2/NDF : 4130358.2/17

In: 25.728+/-0.013 χ^2/NDF : 2300742.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.746+/-0.010 χ^2/NDF : 4130358.2/17

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.018 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.016 $\pm$ 0.021 χ^2 /NDF: 7.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

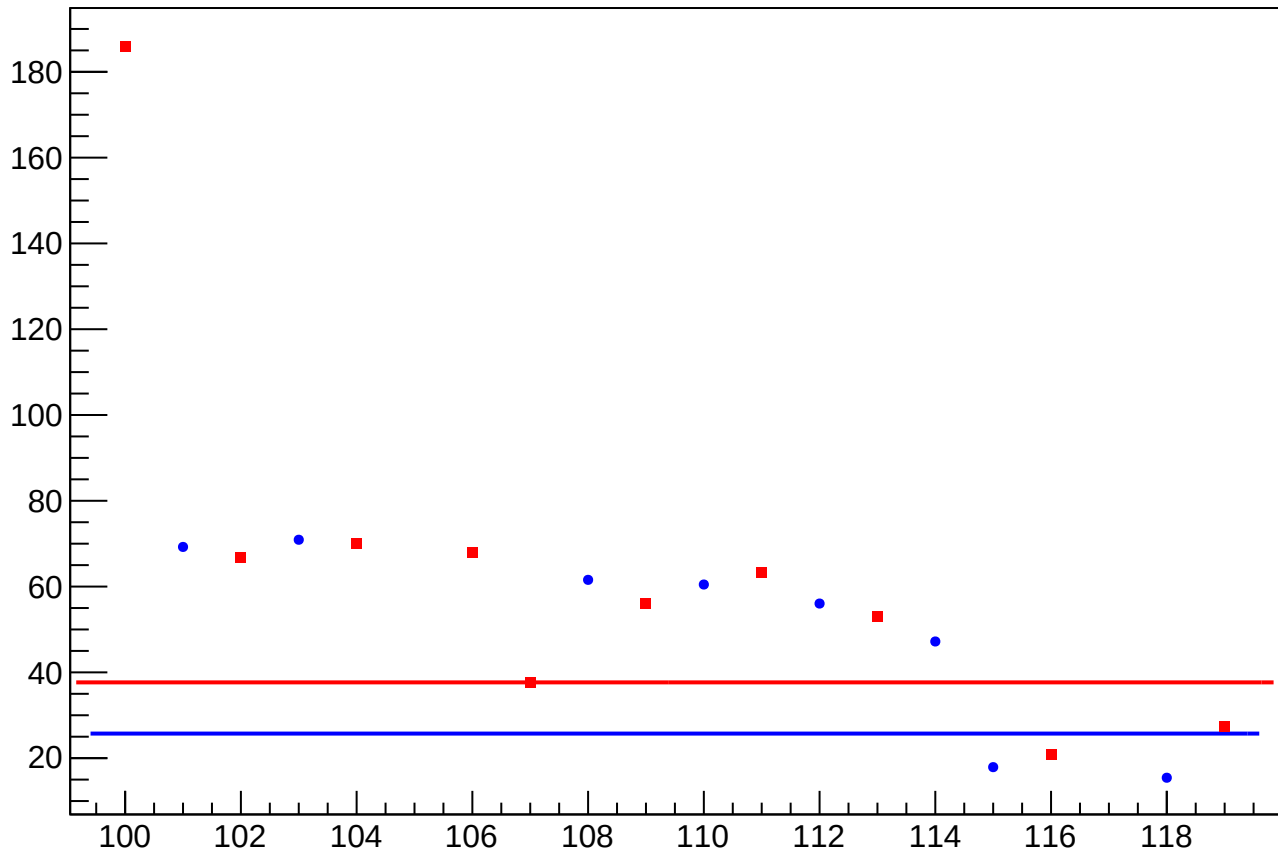
Right: 0.002 $\pm$ 0.014 χ^2 /NDF: 15.6/17

In: 0.015 $\pm$ 0.018 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 15.6/17

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.728+/-0.013 χ^2/NDF : 2300742.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.665+/-0.015 χ^2/NDF : 1459030.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

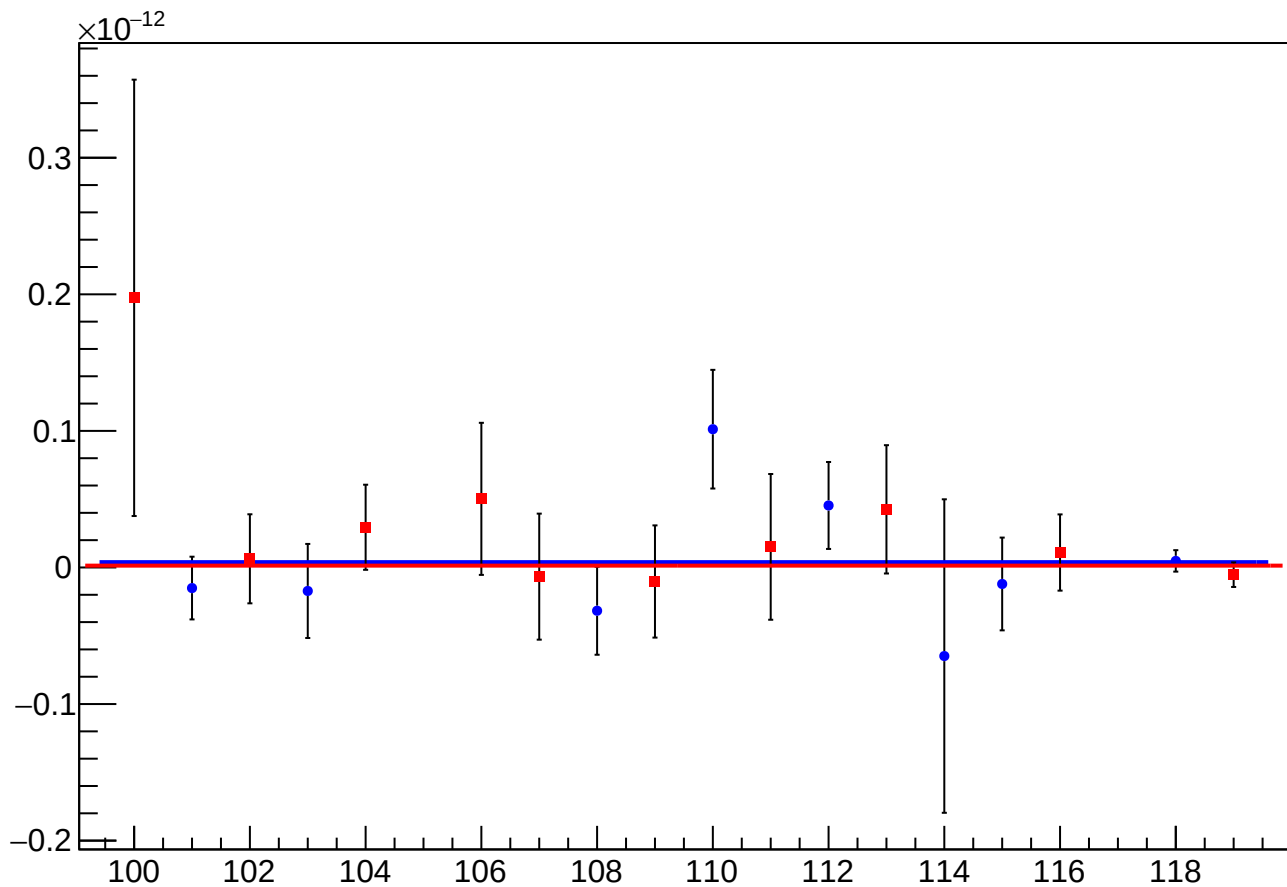
Right: 30.746+/-0.010 χ^2/NDF : 4130358.2/17

In: 25.728+/-0.013 χ^2/NDF : 2300742.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.746+/-0.010 χ^2/NDF : 4130358.2/17

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

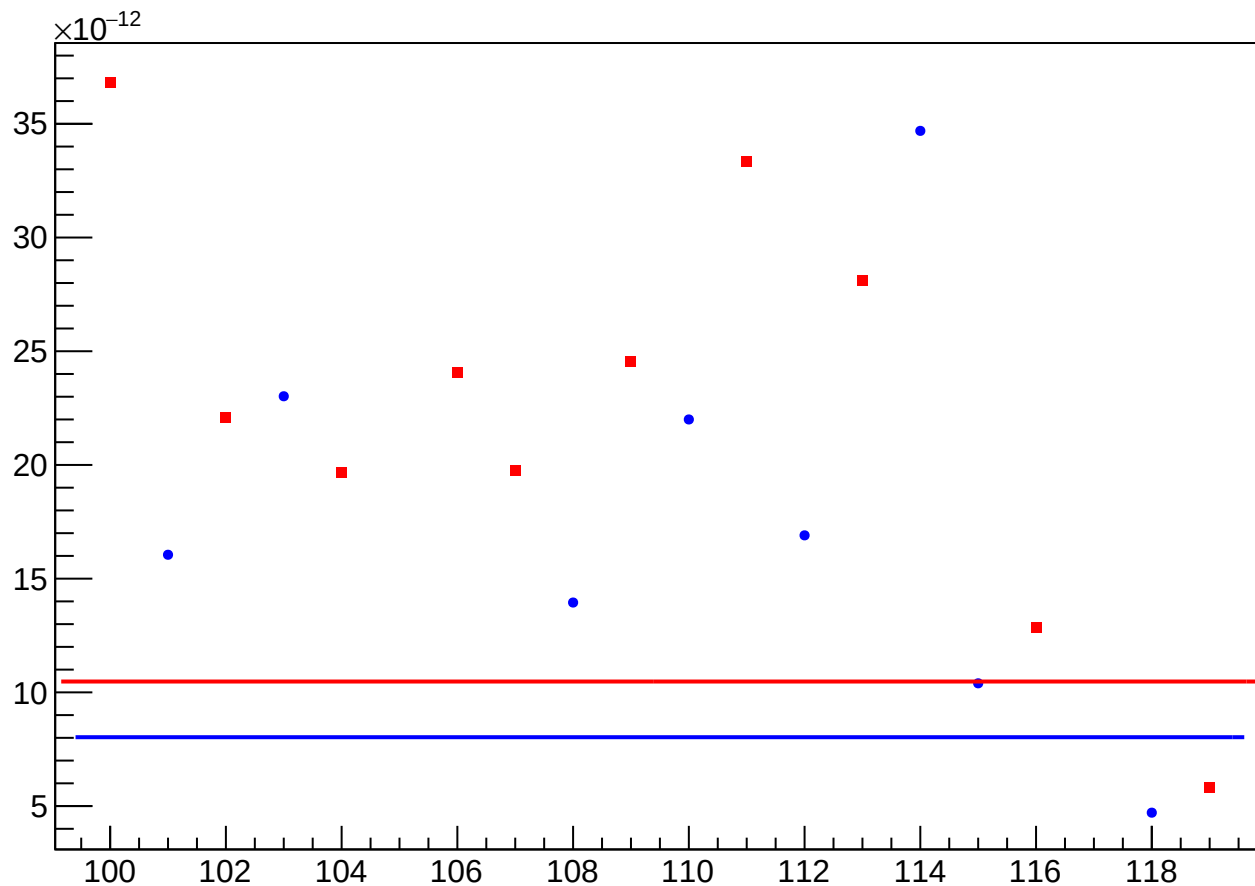
Right: 0.000+/-0.000 χ^2/NDF : 14.4/17

In: 0.000+/-0.000 χ^2/NDF : 9.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.4/17

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1527938.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2117782.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

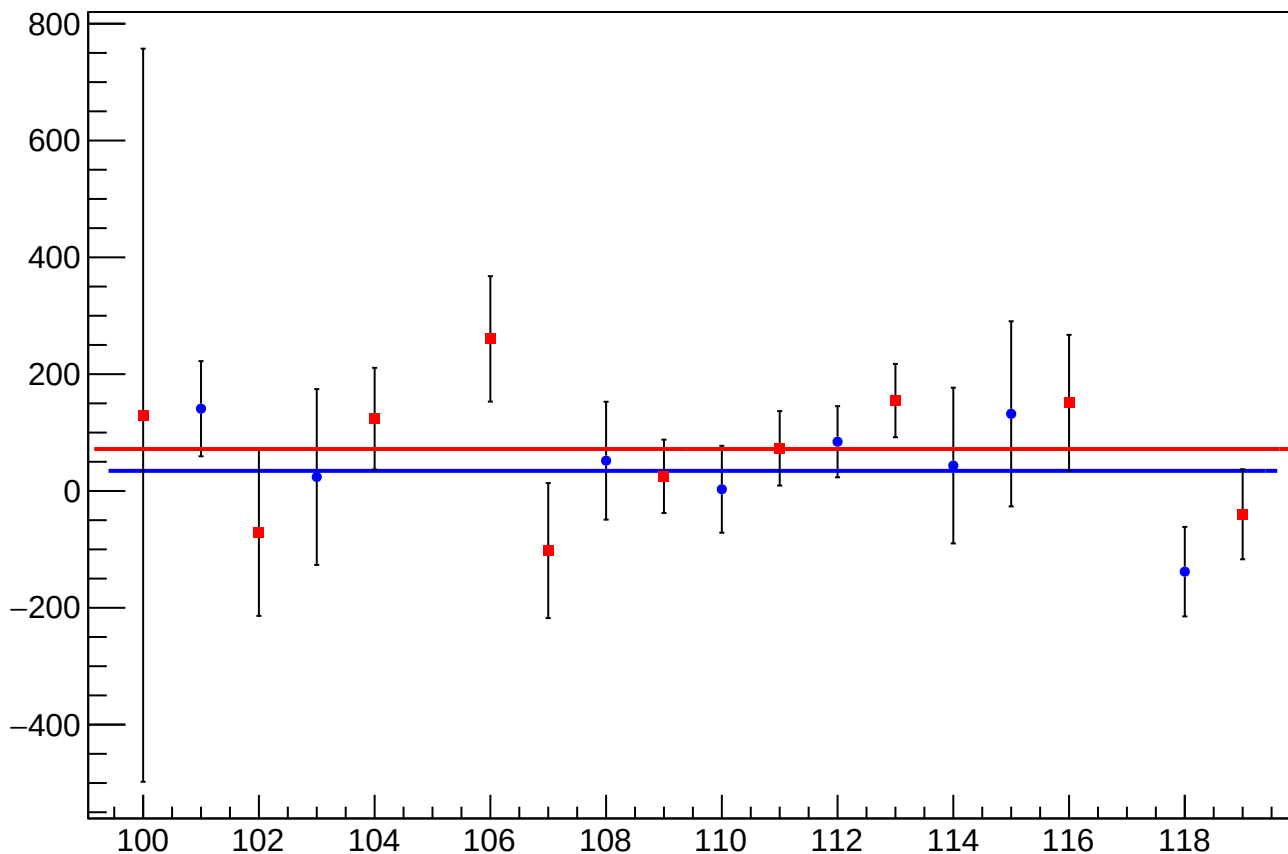
Right: 0.000+/-0.000 χ^2/NDF : 3764846.9/17

In: 0.000+/-0.000 χ^2/NDF : 1527938.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3764846.9/17

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 34.465+/-31.470 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.841+/-27.308 χ^2/NDF : 11.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

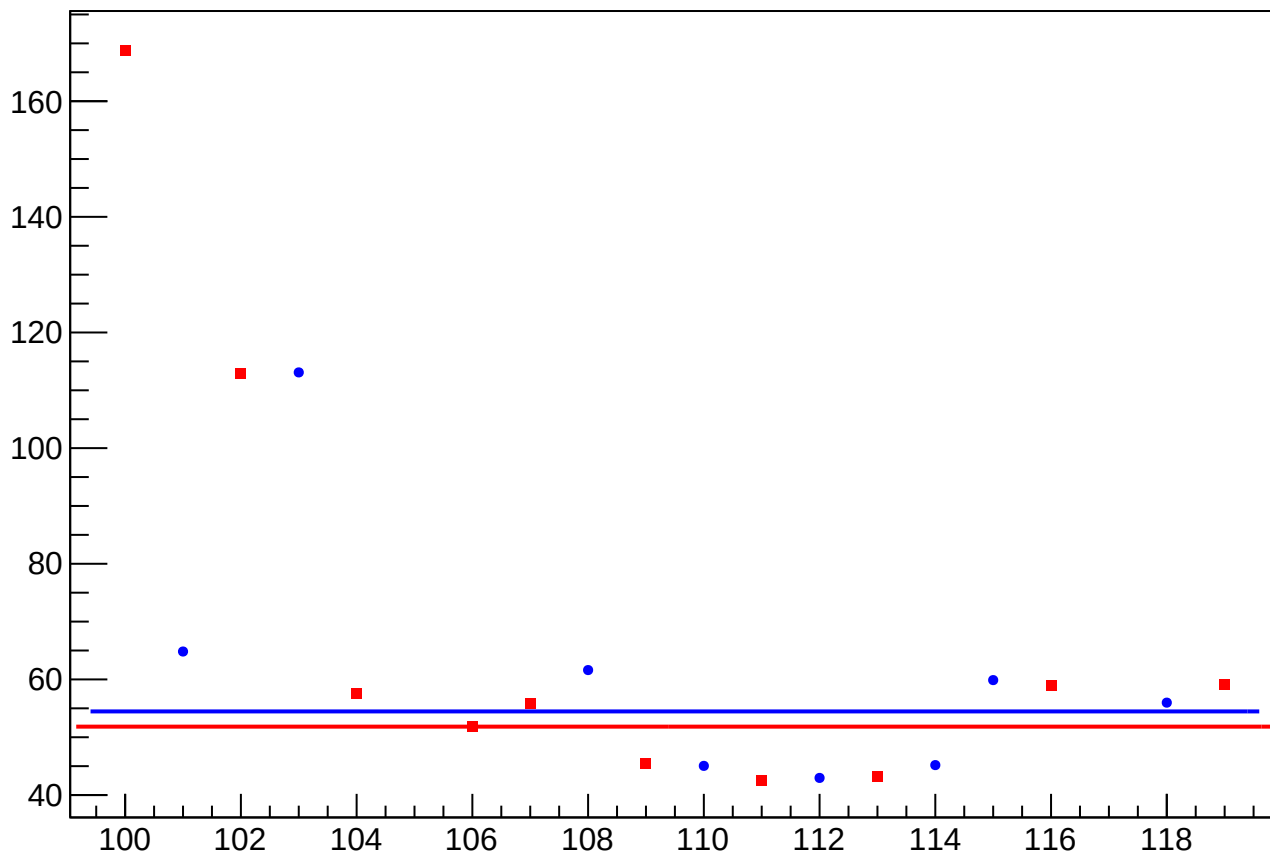
Right: 55.787+/-20.625 χ^2/NDF : 20.4/17

In: 34.465+/-31.470 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.787+/-20.625 χ^2/NDF : 20.4/17

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.466+/-0.022 χ^2/NDF : 461874.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.833+/-0.019 χ^2/NDF : 571316.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

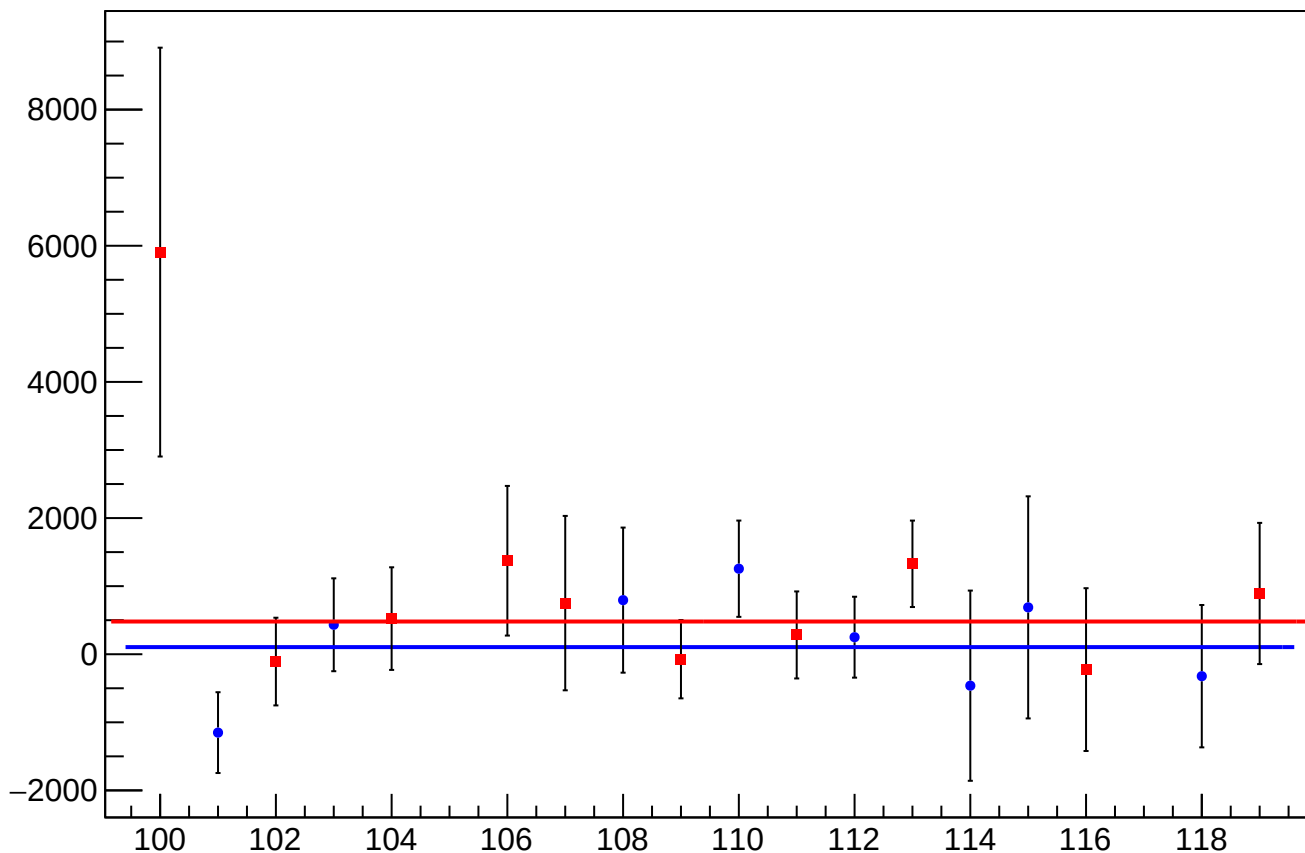
Right: 52.964+/-0.015 χ^2/NDF : 1041173.7/17

In: 54.466+/-0.022 χ^2/NDF : 461874.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.964+/-0.015 χ^2/NDF : 1041173.7/17

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 104.678+/-282.803 χ^2/NDF : 8.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.543+/-255.671 χ^2/NDF : 8.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

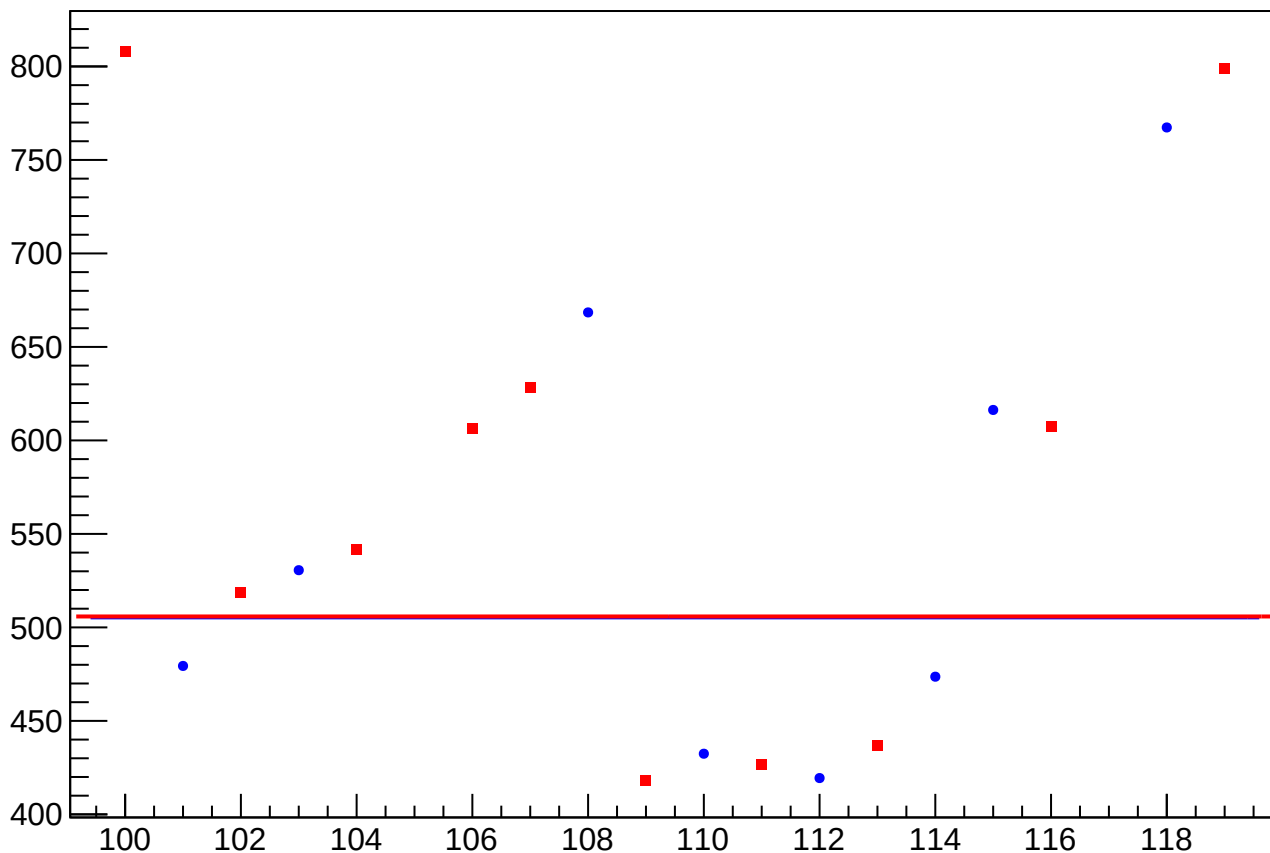
Right: 311.501+/-189.655 χ^2/NDF : 17.4/17

In: 104.678+/-282.803 χ^2/NDF : 8.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 311.501+/-189.655 χ^2/NDF : 17.4/17

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 505.363+/-0.200 χ^2/NDF : 252386.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 505.844+/-0.181 χ^2/NDF : 335161.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

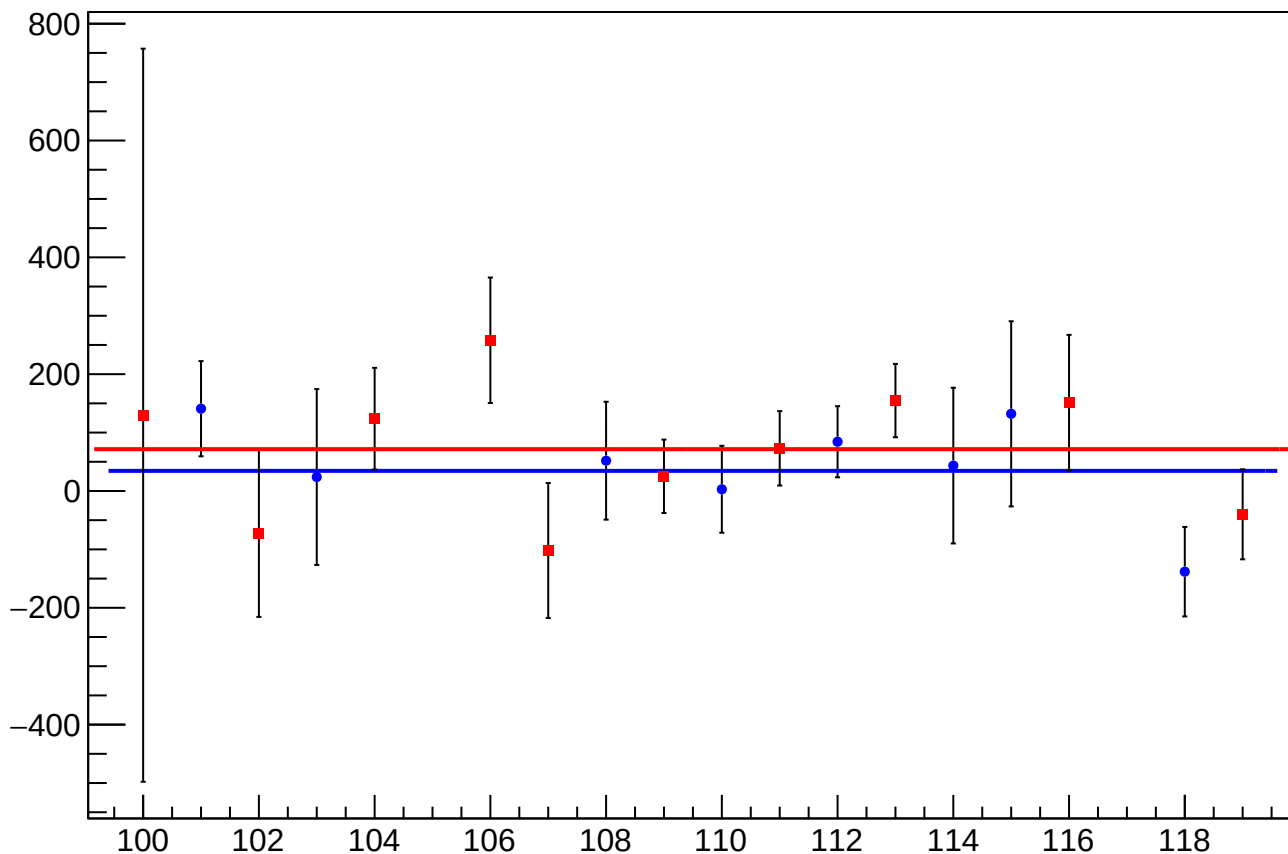
Right: 505.628+/-0.134 χ^2/NDF : 587551.0/17

In: 505.363+/-0.200 χ^2/NDF : 252386.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.628+/-0.134 χ^2/NDF : 587551.0/17

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 34.457 ± 31.470 $\chi^2/\text{NDF}: 8.1/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 71.611 ± 27.309 $\chi^2/\text{NDF}: 11.5/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

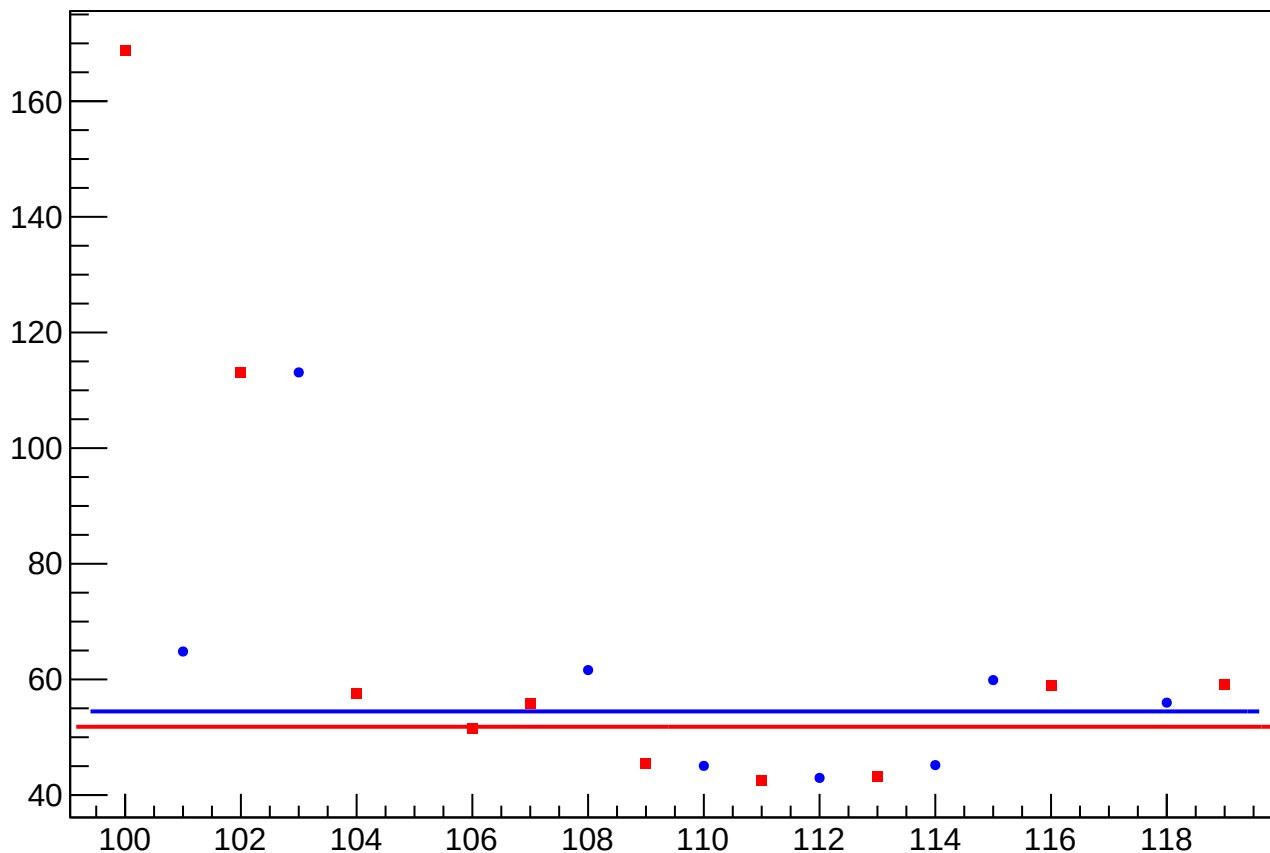
Right: 55.651 ± 20.626 $\chi^2/\text{NDF}: 20.4/17$

In: 34.457 ± 31.470 $\chi^2/\text{NDF}: 8.1/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 55.651 ± 20.626 $\chi^2/\text{NDF}: 20.4/17$

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.466+/-0.022 χ^2/NDF : 461877.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.814+/-0.019 χ^2/NDF : 571565.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

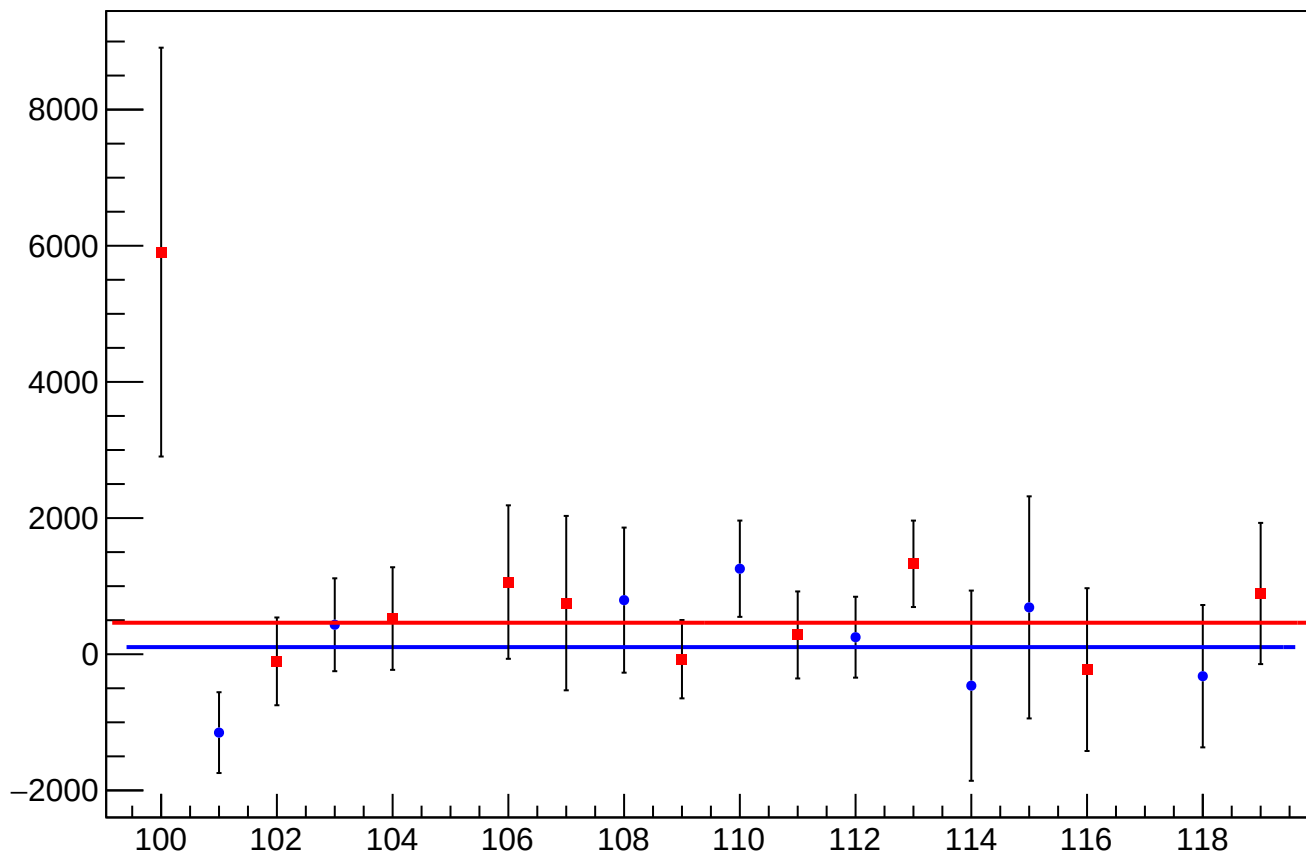
Right: 52.953+/-0.015 χ^2/NDF : 1041546.5/17

In: 54.466+/-0.022 χ^2/NDF : 461877.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.953+/-0.015 χ^2/NDF : 1041546.5/17

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 104.727 $\pm$ 282.808 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 462.735 $\pm$ 256.052 χ^2 /NDF: 7.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

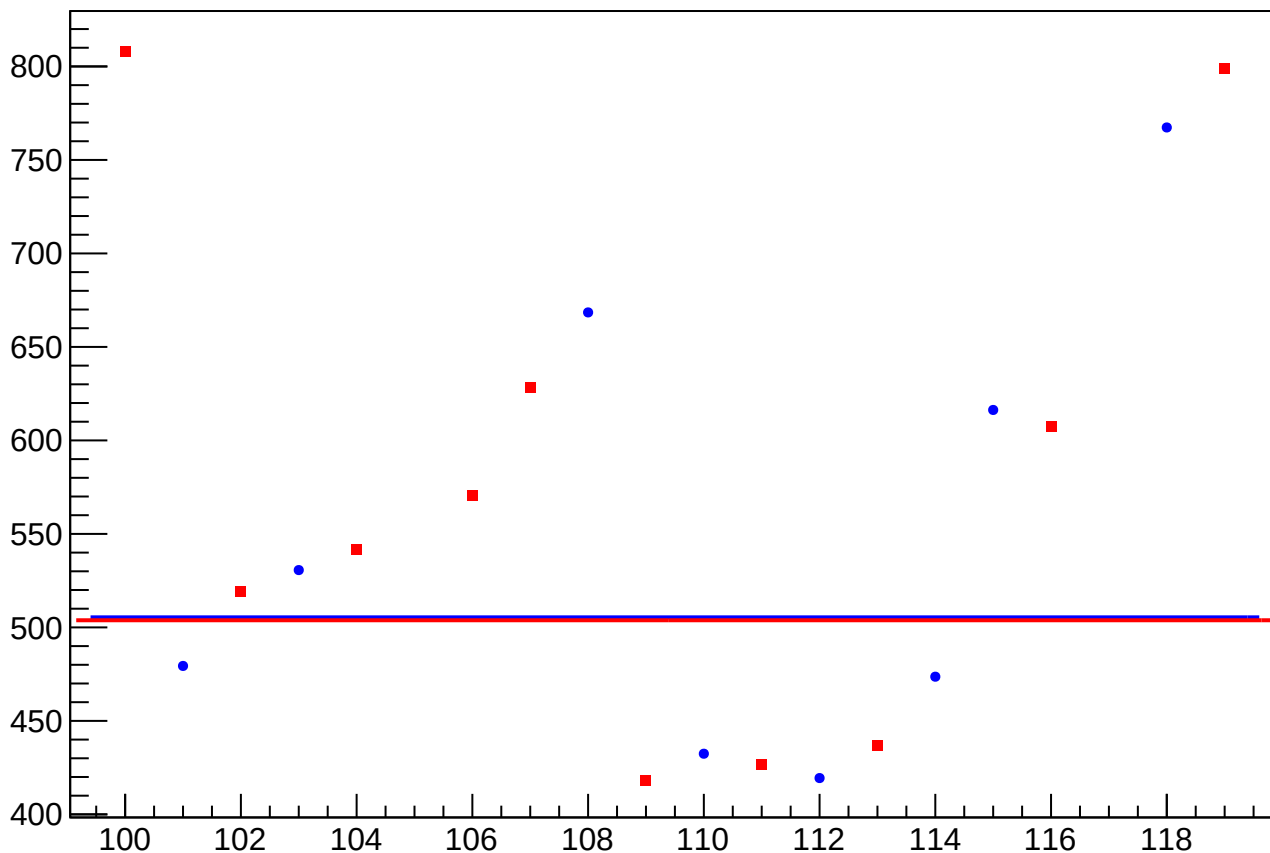
Right: 301.464 $\pm$ 189.812 χ^2 /NDF: 16.9/17

In: 104.727 $\pm$ 282.808 χ^2 /NDF:8.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 301.464 $\pm$ 189.812 χ^2 /NDF: 16.9/17

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.372+/-0.200 χ^2/NDF : 252397.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.819+/-0.181 χ^2/NDF : 325056.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

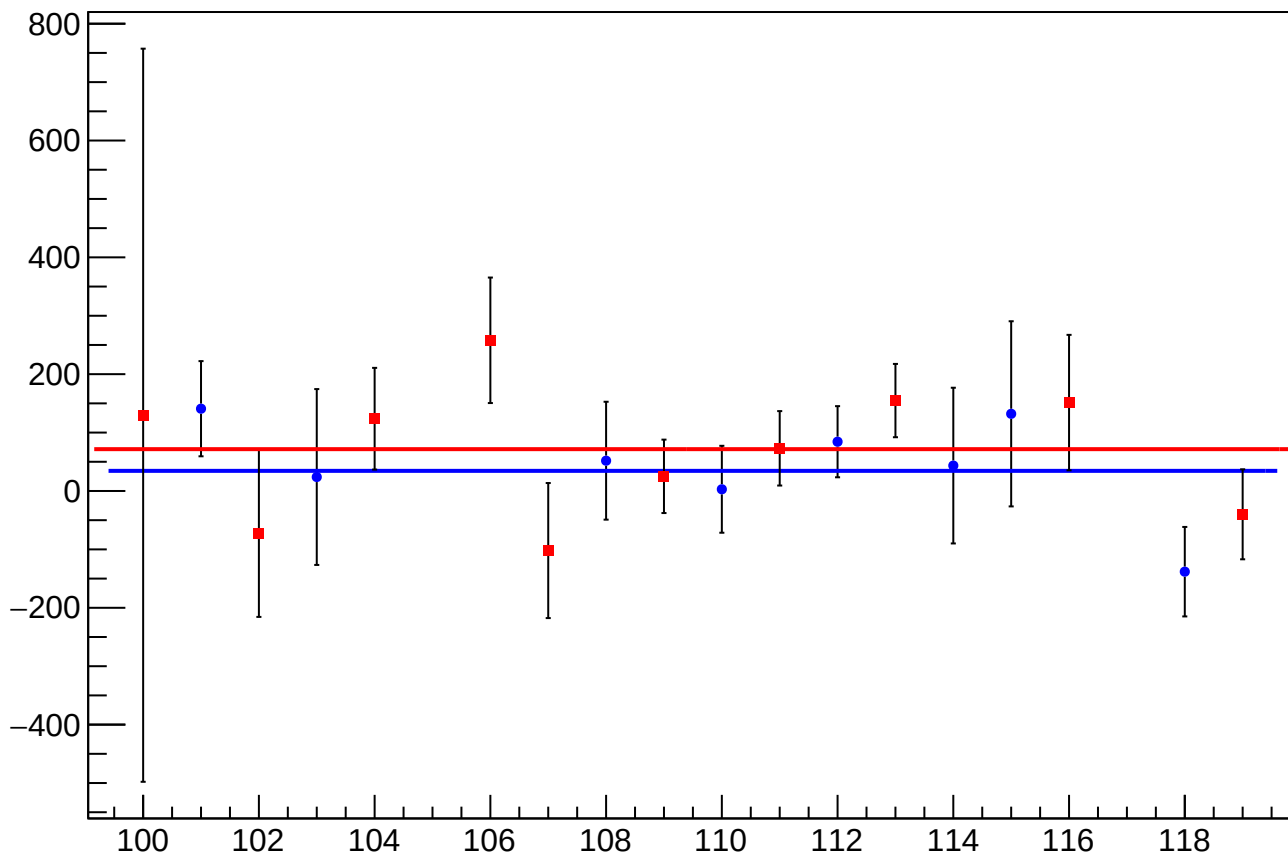
Right: 504.518+/-0.134 χ^2/NDF : 577487.8/17

In: 505.372+/-0.200 χ^2/NDF : 252397.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.518+/-0.134 χ^2/NDF : 577487.8/17

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 34.457+/-31.470 χ^2/NDF : 8.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.611+/-27.309 χ^2/NDF : 11.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

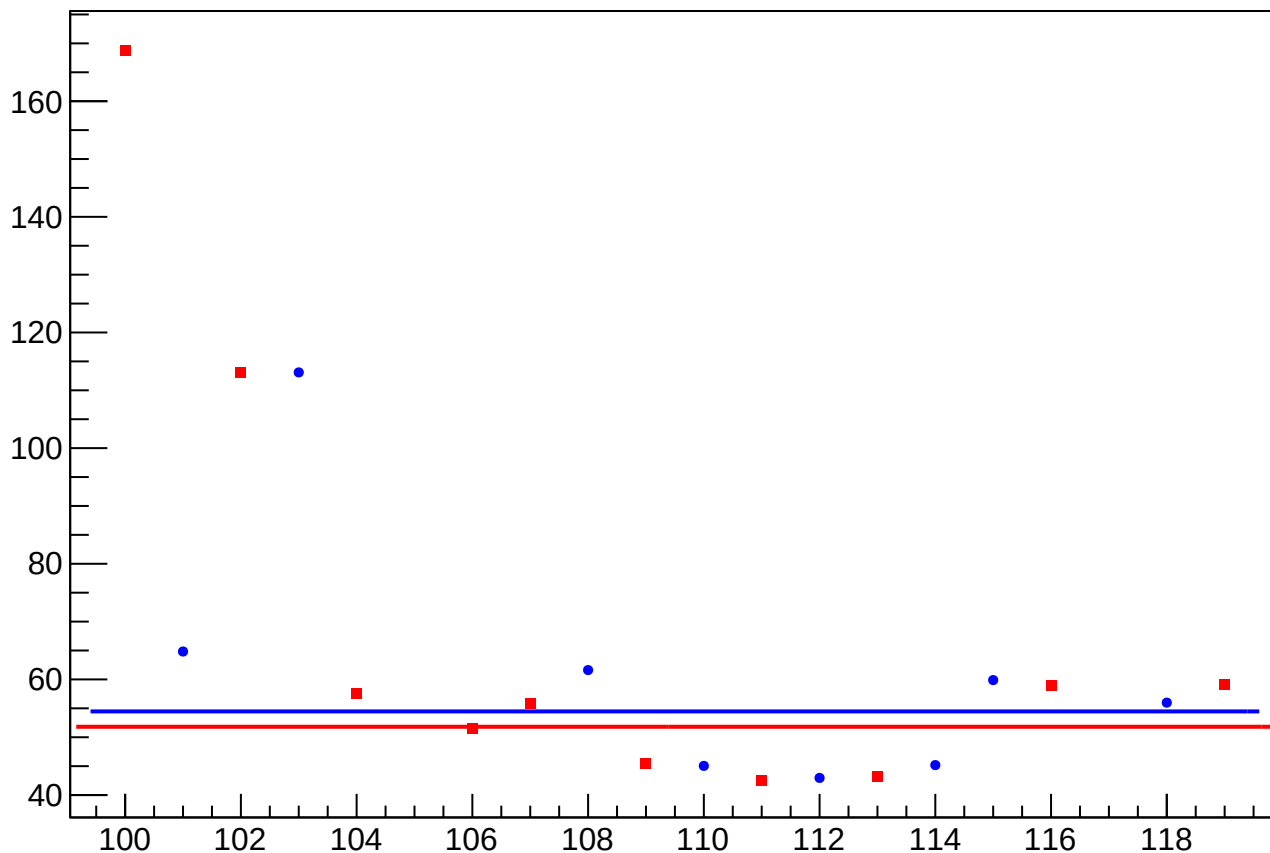
Right: 55.651+/-20.626 χ^2/NDF : 20.4/17

In: 34.457+/-31.470 χ^2/NDF : 8.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.651+/-20.626 χ^2/NDF : 20.4/17

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 54.466+/-0.022 χ^2/NDF : 461877.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.814+/-0.019 χ^2/NDF : 571565.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

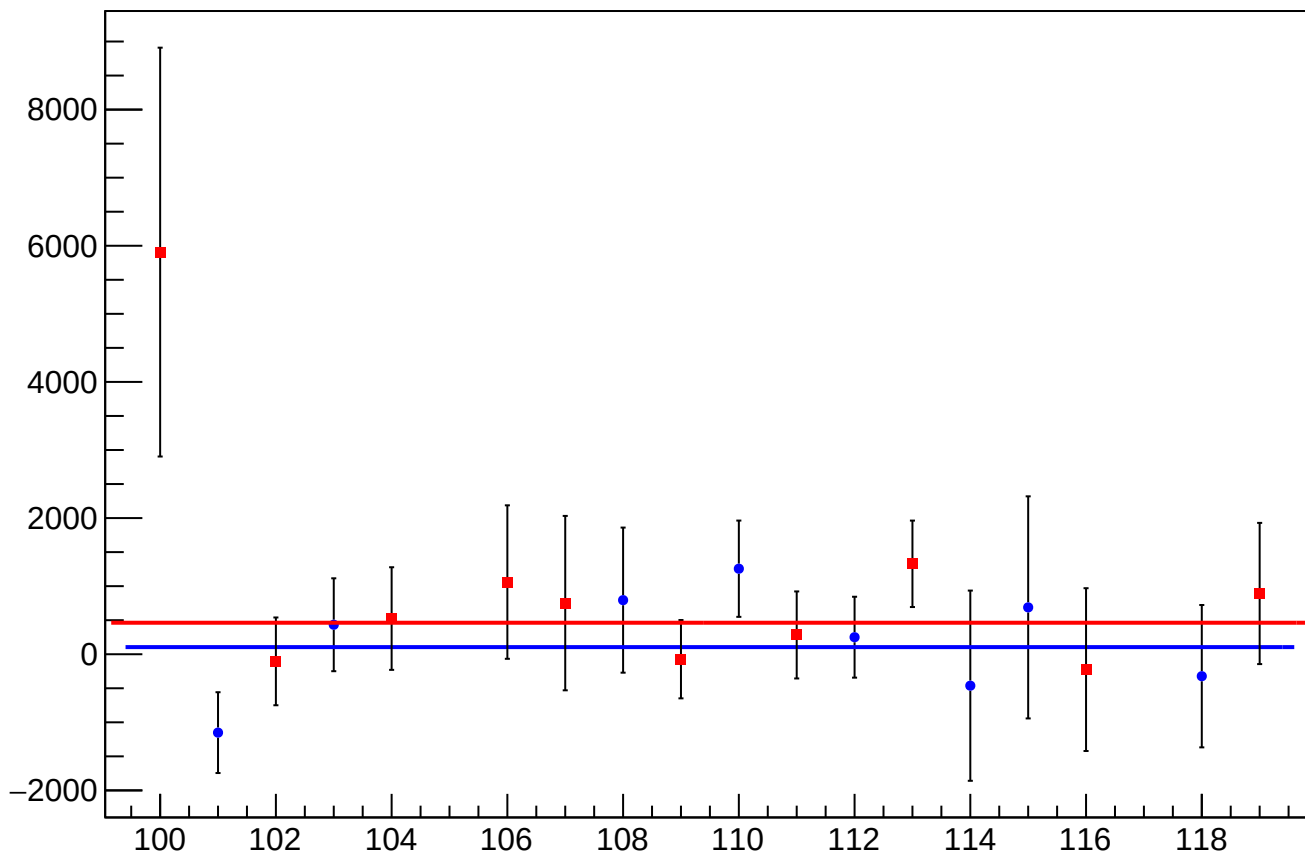
Right: 52.953+/-0.015 χ^2/NDF : 1041546.5/17

In: 54.466+/-0.022 χ^2/NDF : 461877.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.953+/-0.015 χ^2/NDF : 1041546.5/17

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 104.727 $\pm$ 282.808 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 462.735 $\pm$ 256.052 χ^2 /NDF: 7.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

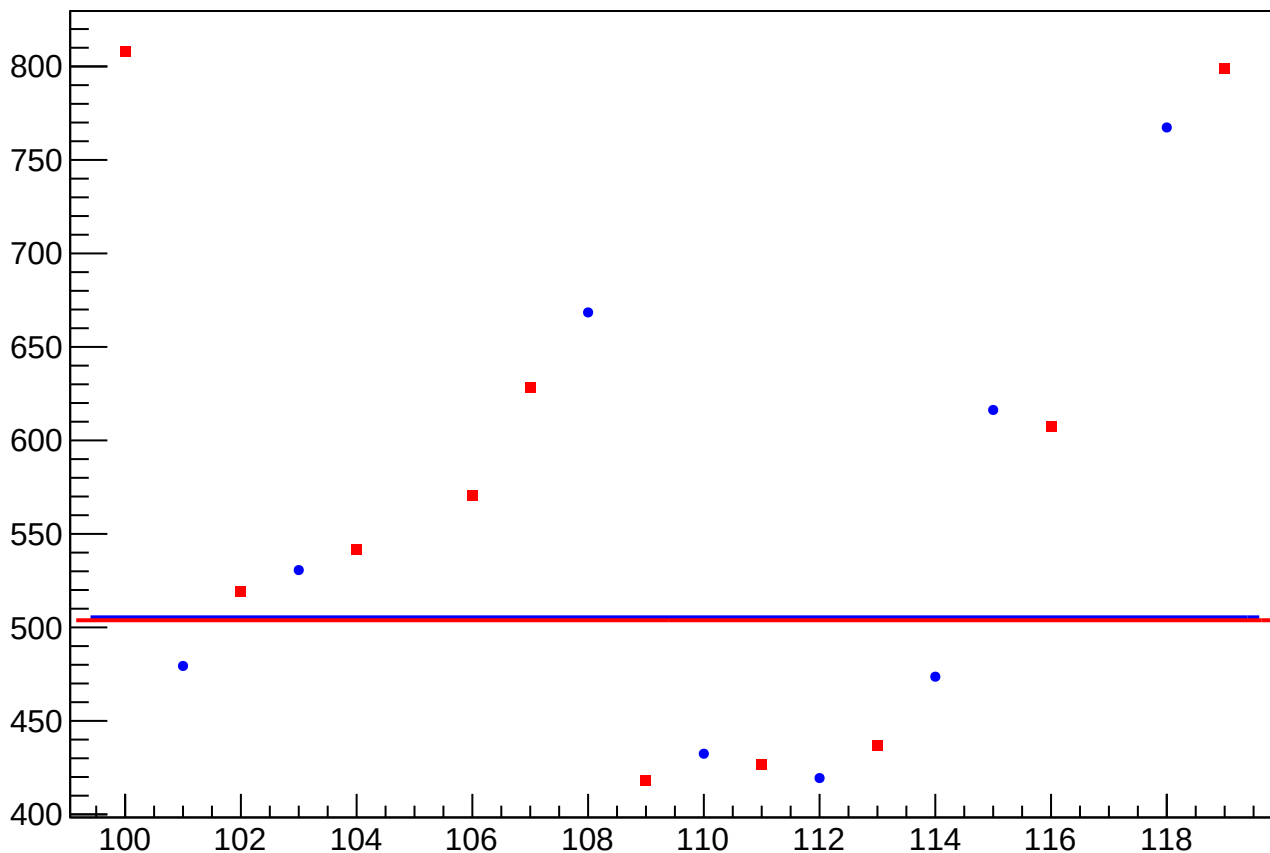
Right: 301.464 $\pm$ 189.812 χ^2 /NDF: 16.9/17

In: 104.727 $\pm$ 282.808 χ^2 /NDF:8.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 301.464 $\pm$ 189.812 χ^2 /NDF: 16.9/17

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 505.372+/-0.200 χ^2/NDF : 252397.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.819+/-0.181 χ^2/NDF : 325056.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

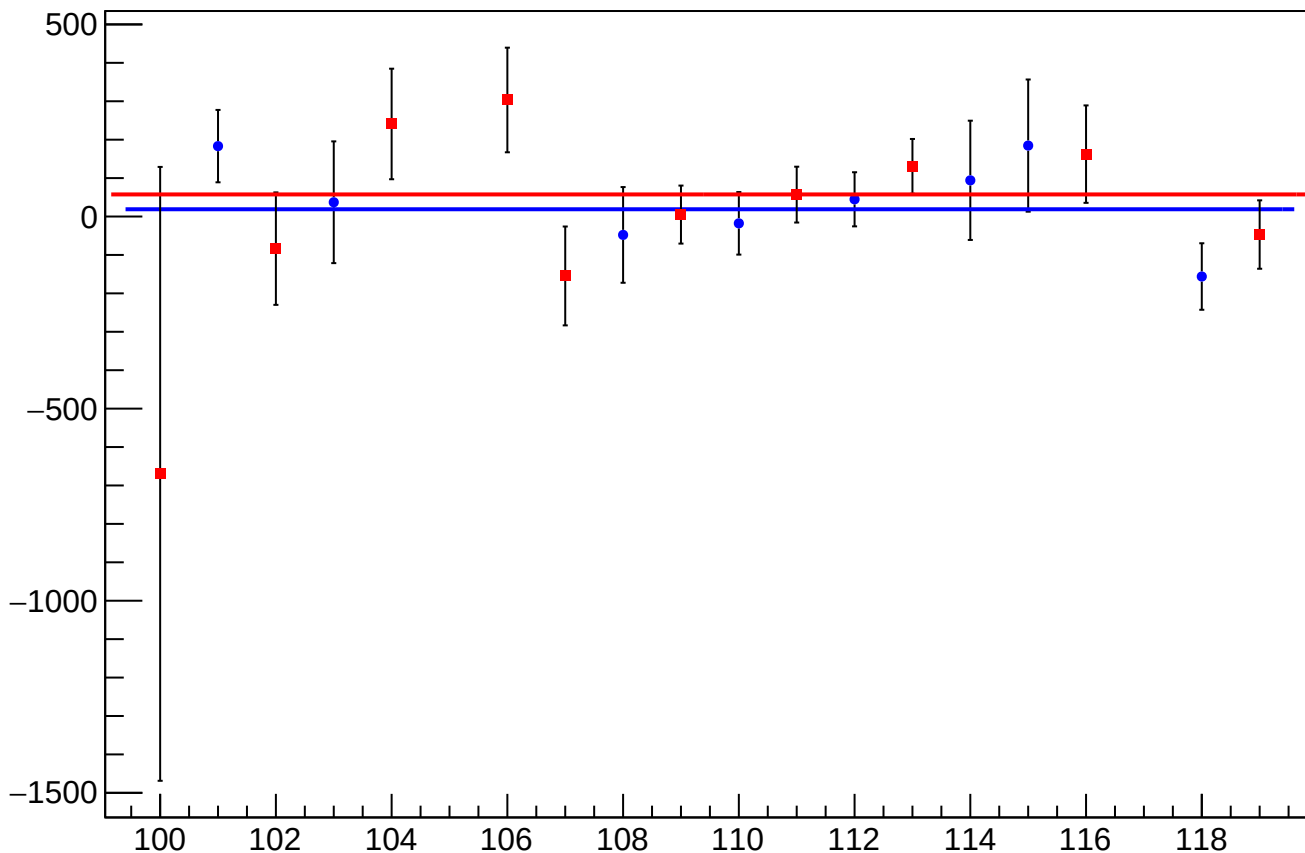
Right: 504.518+/-0.134 χ^2/NDF : 577487.8/17

In: 505.372+/-0.200 χ^2/NDF : 252397.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 504.518+/-0.134 χ^2/NDF : 577487.8/17

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 18.901+/-35.844 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.503+/-32.261 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

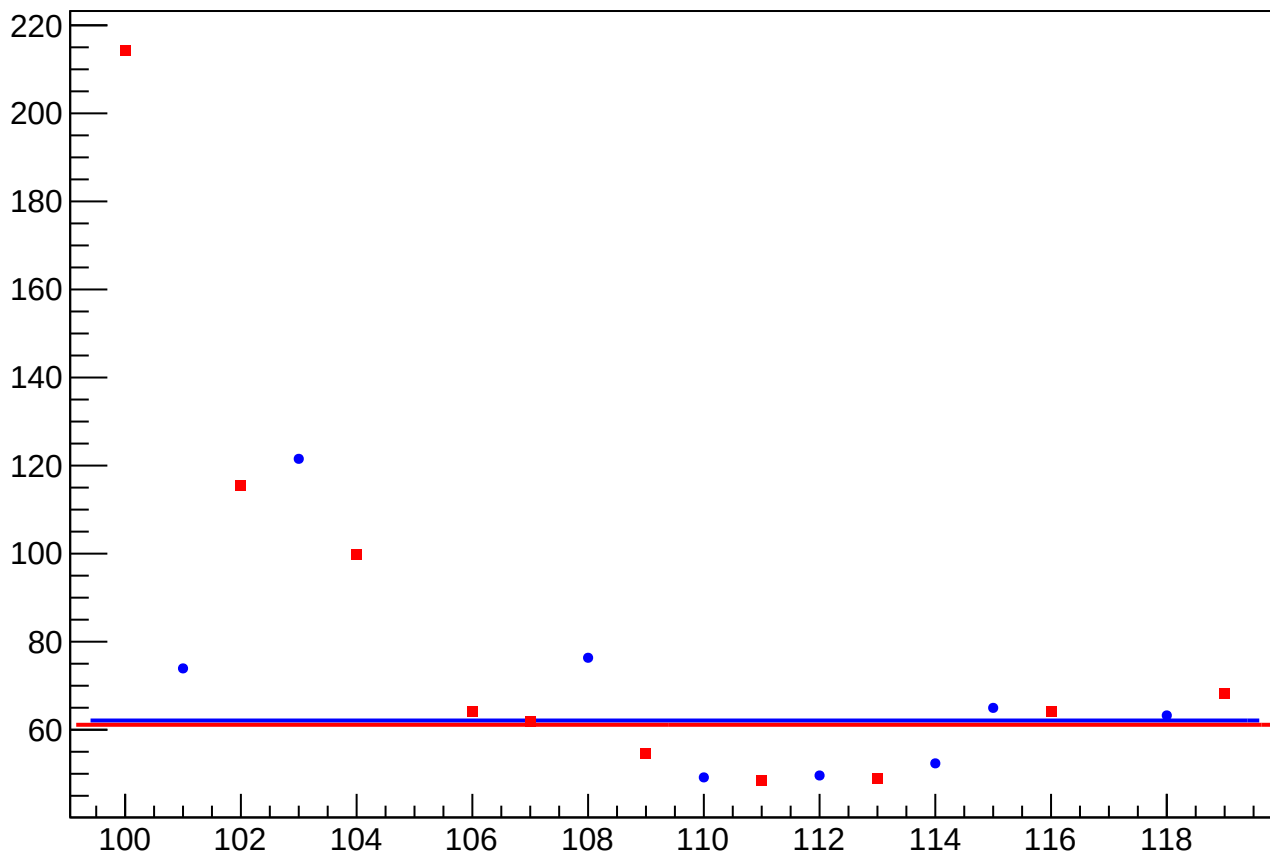
Right: 40.227+/-23.979 χ^2/NDF : 22.5/17

In: 18.901+/-35.844 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.227+/-23.979 χ^2/NDF : 22.5/17

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.098+/-0.025 χ^2/NDF : 461199.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.128+/-0.023 χ^2/NDF : 644035.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

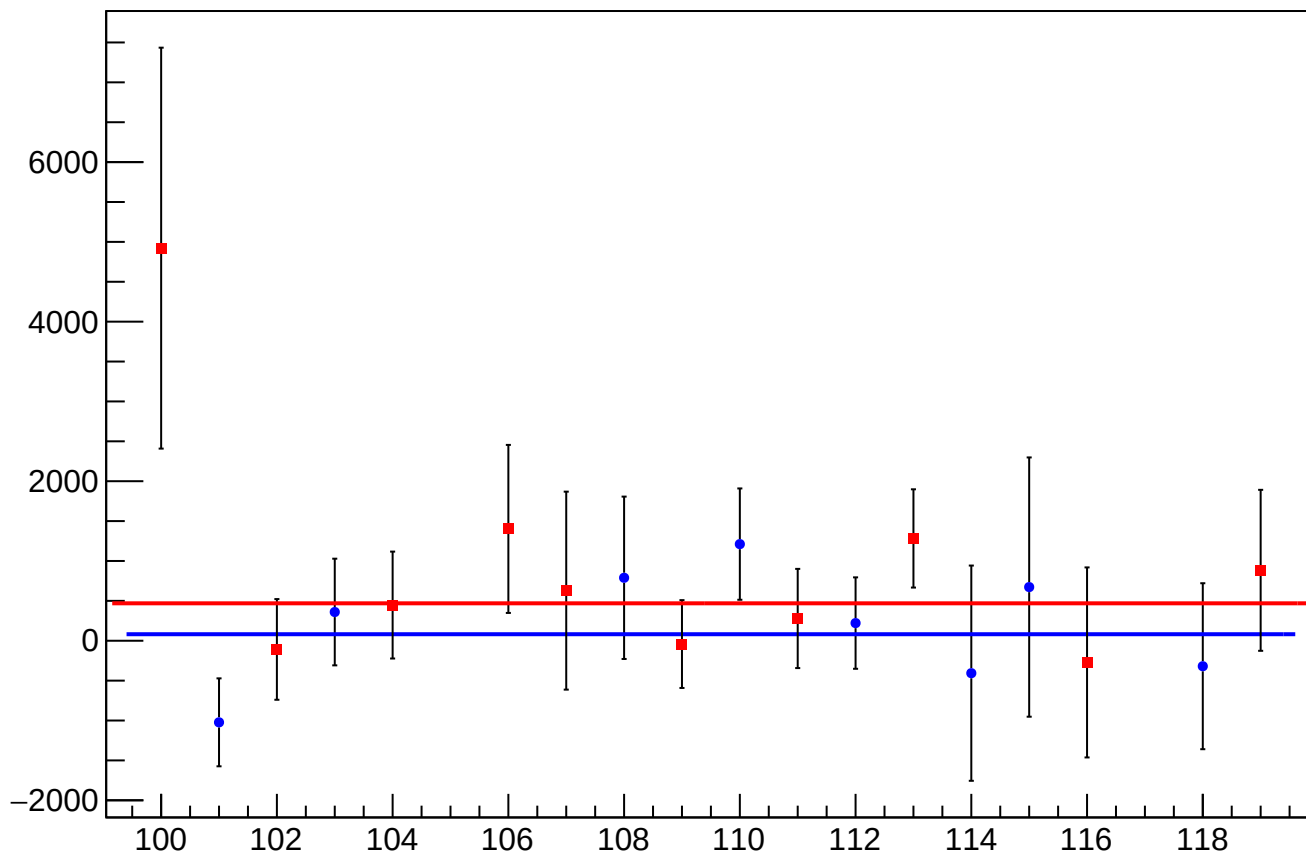
Right: 61.562+/-0.017 χ^2/NDF : 1106044.2/17

In: 62.098+/-0.025 χ^2/NDF : 461199.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.562+/-0.017 χ^2/NDF : 1106044.2/17

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 81.811+/-272.717 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.244+/-245.013 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

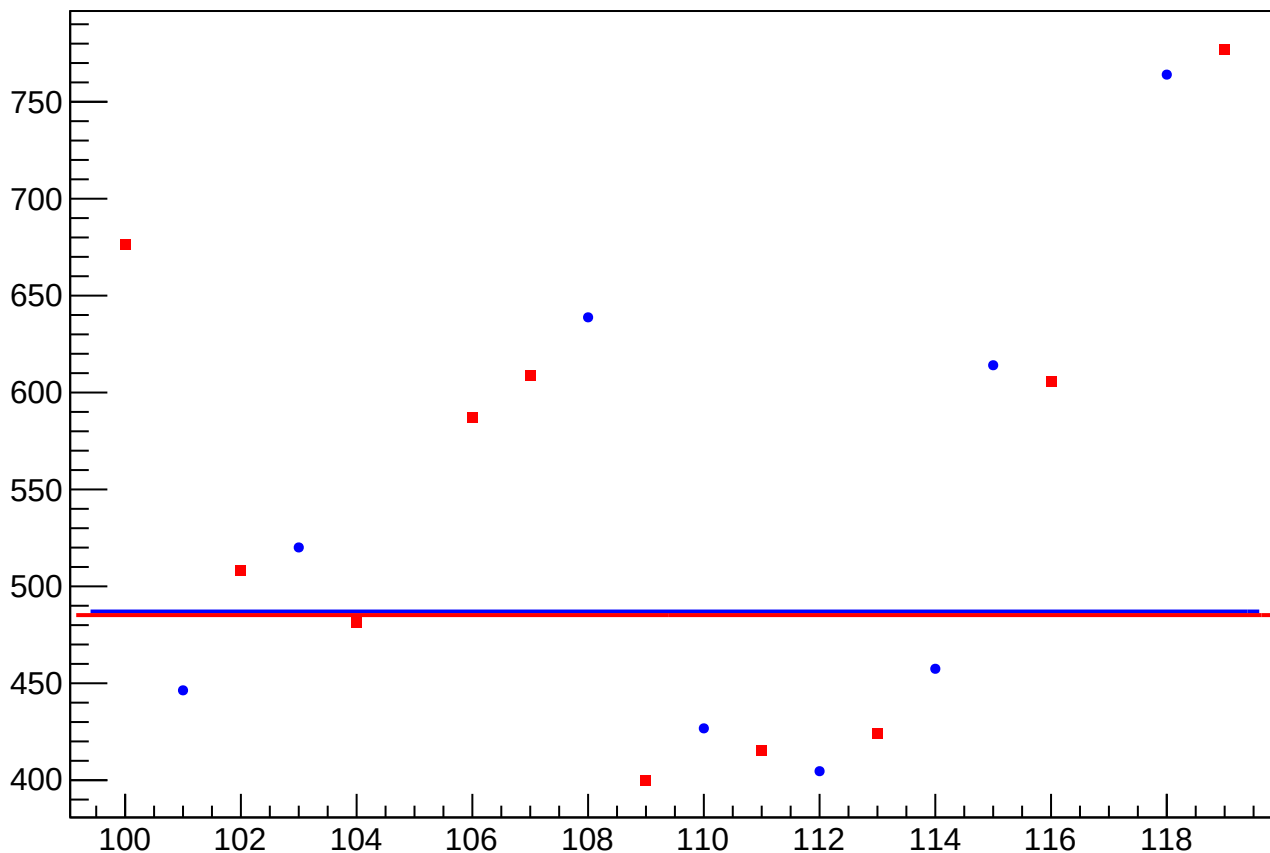
Right: 296.200+/-182.260 χ^2/NDF : 16.9/17

In: 81.811+/-272.717 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.200+/-182.260 χ^2/NDF : 16.9/17

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 487.014+/-0.193 χ^2/NDF : 271512.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.171+/-0.173 χ^2/NDF : 333889.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

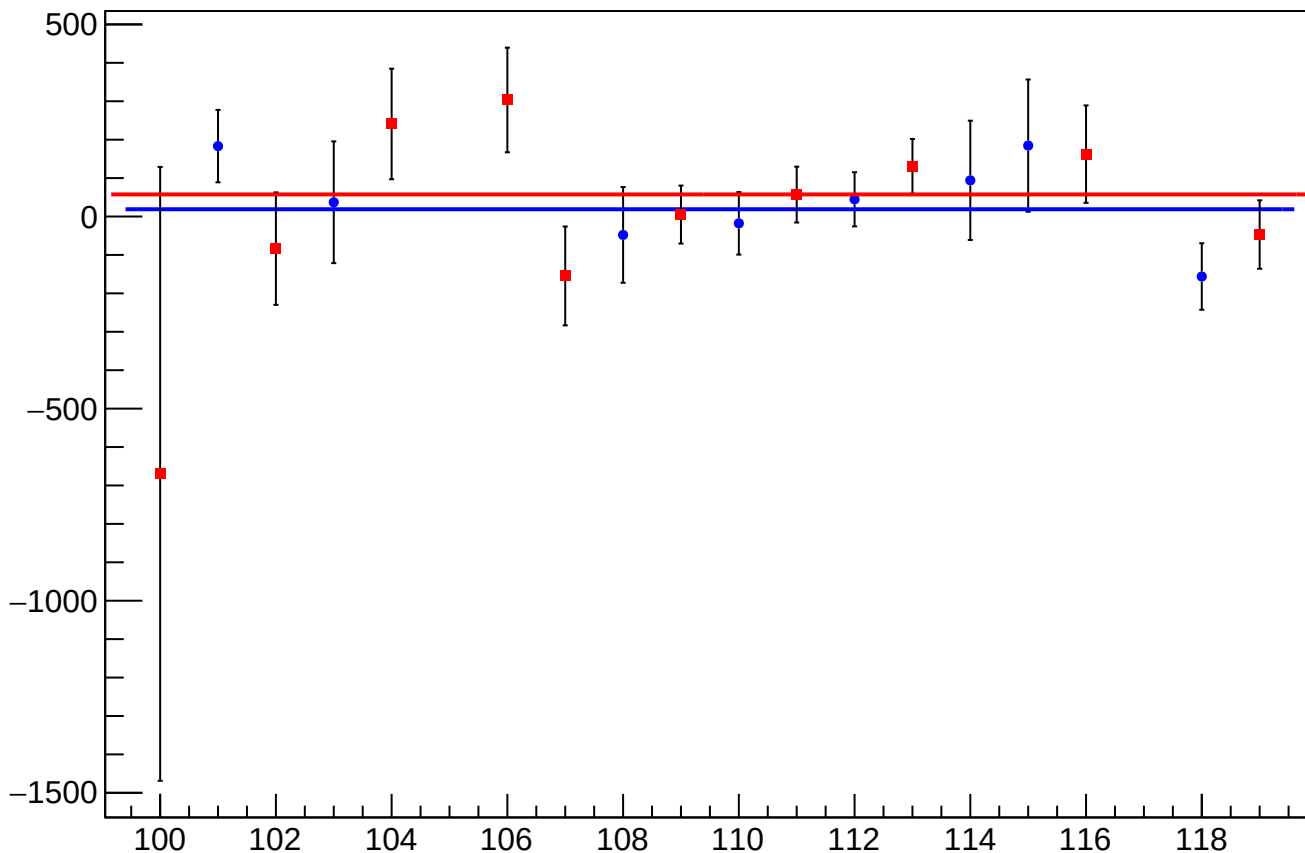
Right: 485.994+/-0.129 χ^2/NDF : 605453.1/17

In: 487.014+/-0.193 χ^2/NDF : 271512.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.994+/-0.129 χ^2/NDF : 605453.1/17

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 18.900+/-35.844 χ^2/NDF : 8.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.502+/-32.261 χ^2/NDF : 13.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

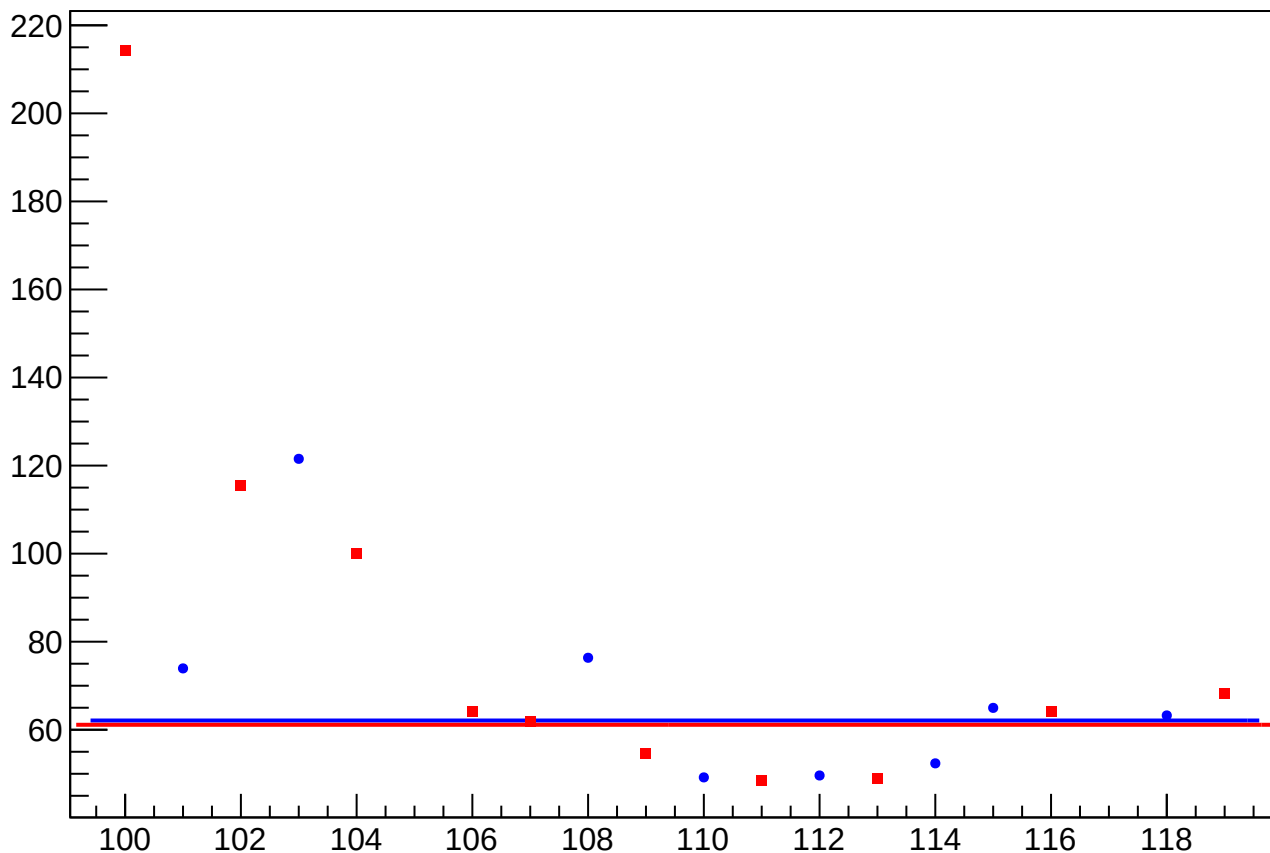
Right: 40.226+/-23.979 χ^2/NDF : 22.5/17

In: 18.900+/-35.844 χ^2/NDF : 8.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.226+/-23.979 χ^2/NDF : 22.5/17

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 62.099+/-0.025 χ^2/NDF : 461199.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 61.128+/-0.023 χ^2/NDF : 644033.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

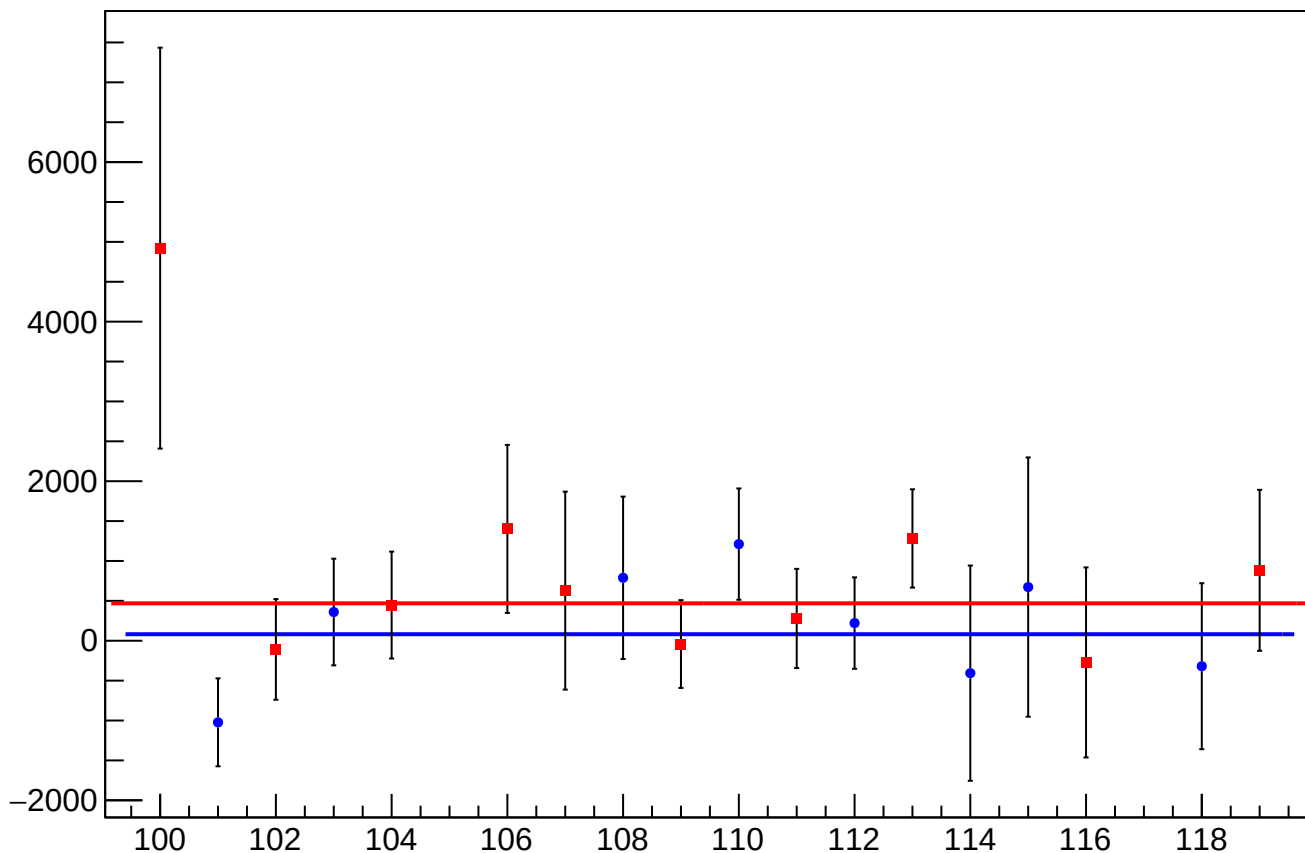
Right: 61.563+/-0.017 χ^2/NDF : 1106042.9/17

In: 62.099+/-0.025 χ^2/NDF :461199.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.563+/-0.017 χ^2/NDF : 1106042.9/17

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 81.810+/-272.716 χ^2/NDF : 7.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.243+/-245.013 χ^2/NDF : 8.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

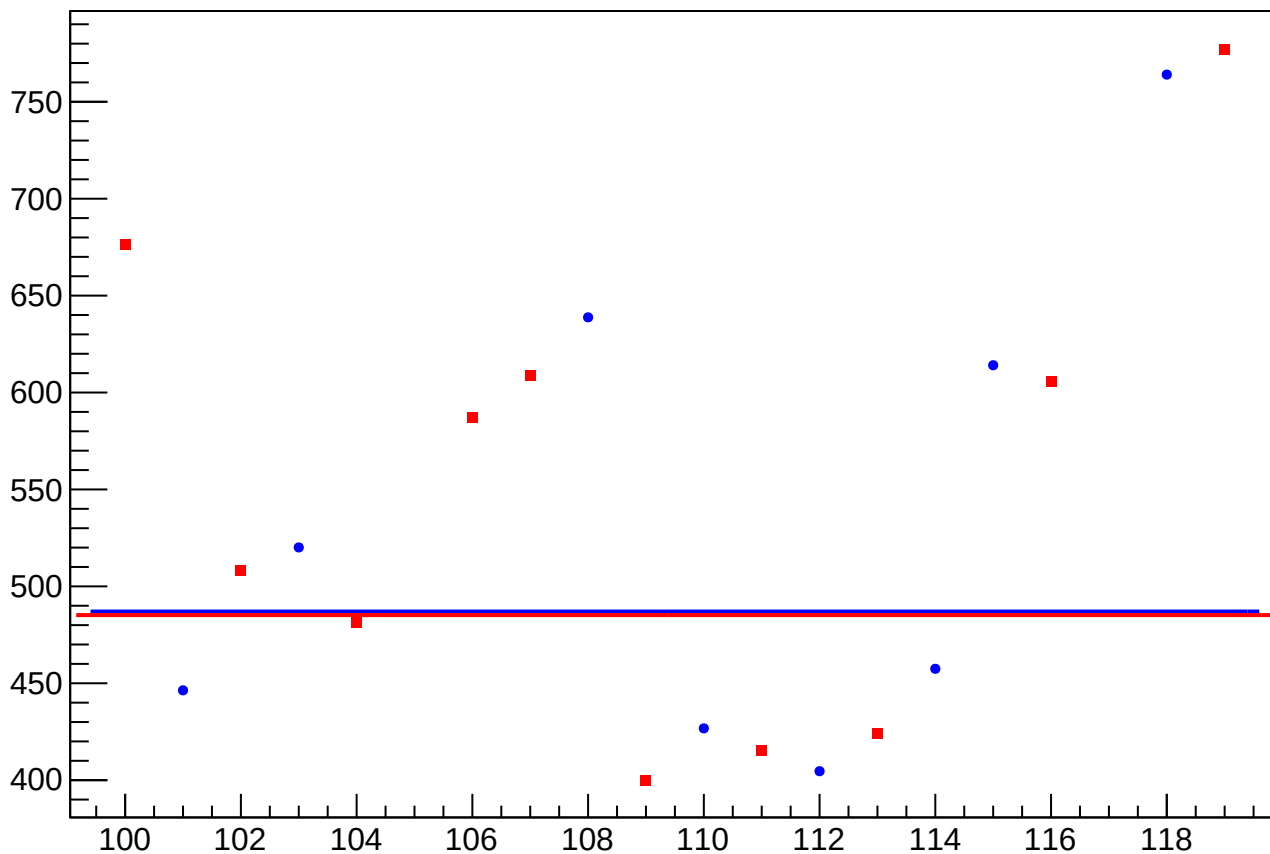
Right: 296.199+/-182.260 χ^2/NDF : 16.9/17

In: 81.810+/-272.716 χ^2/NDF : 7.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.199+/-182.260 χ^2/NDF : 16.9/17

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 487.013+/-0.193 χ^2/NDF : 271515.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 485.170+/-0.173 χ^2/NDF : 333892.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

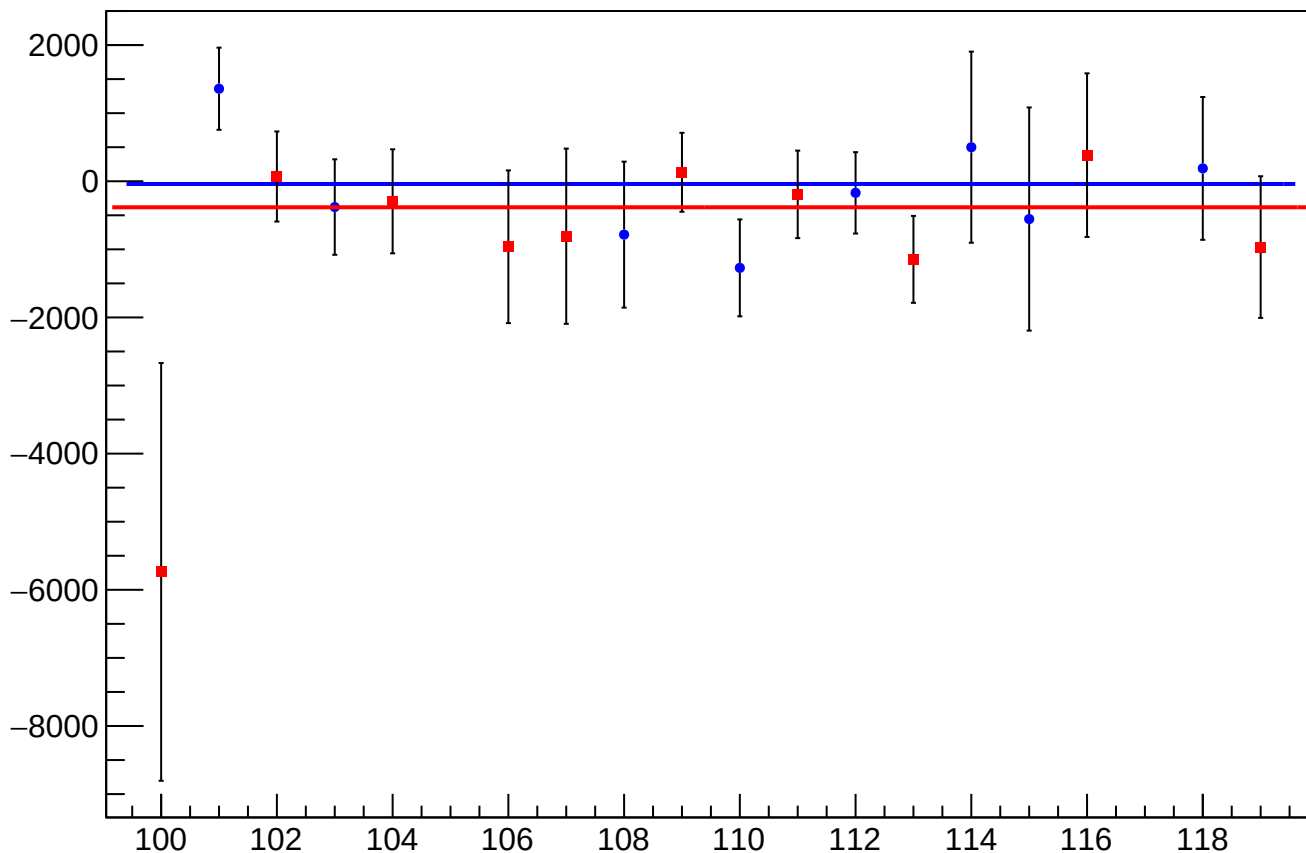
Right: 485.993+/-0.129 χ^2/NDF : 605458.3/17

In: 487.013+/-0.193 χ^2/NDF : 271515.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.993+/-0.129 χ^2/NDF : 605458.3/17

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -40.094 ± 286.052 χ^2/NDF : 9.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -382.421 ± 258.404 χ^2/NDF : 6.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

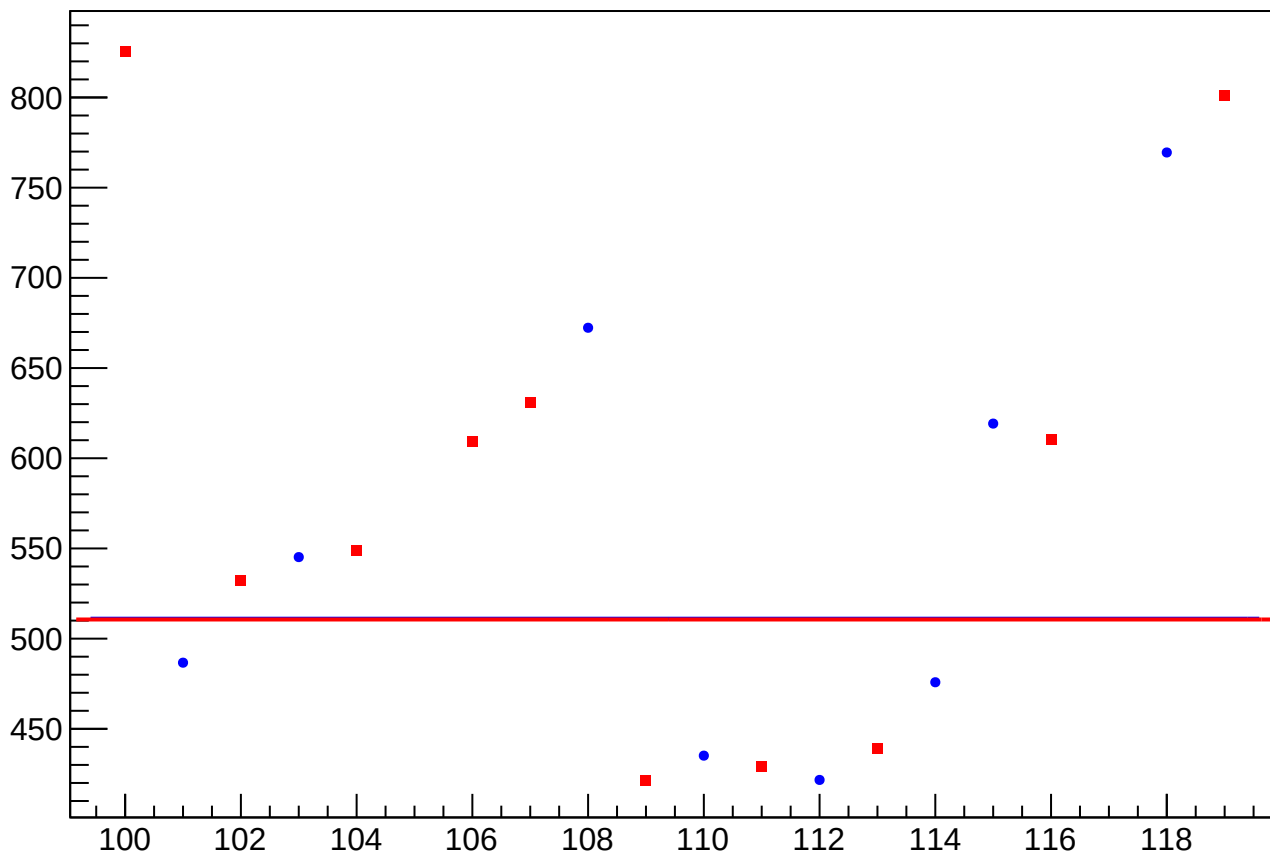
Right: -228.597 ± 191.751 χ^2/NDF : 17.2/17

In: -40.094 ± 286.052 χ^2/NDF : 9.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -228.597 ± 191.751 χ^2/NDF : 17.2/17

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 511.057+/-0.202 χ^2/NDF : 252311.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.616+/-0.183 χ^2/NDF : 335920.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

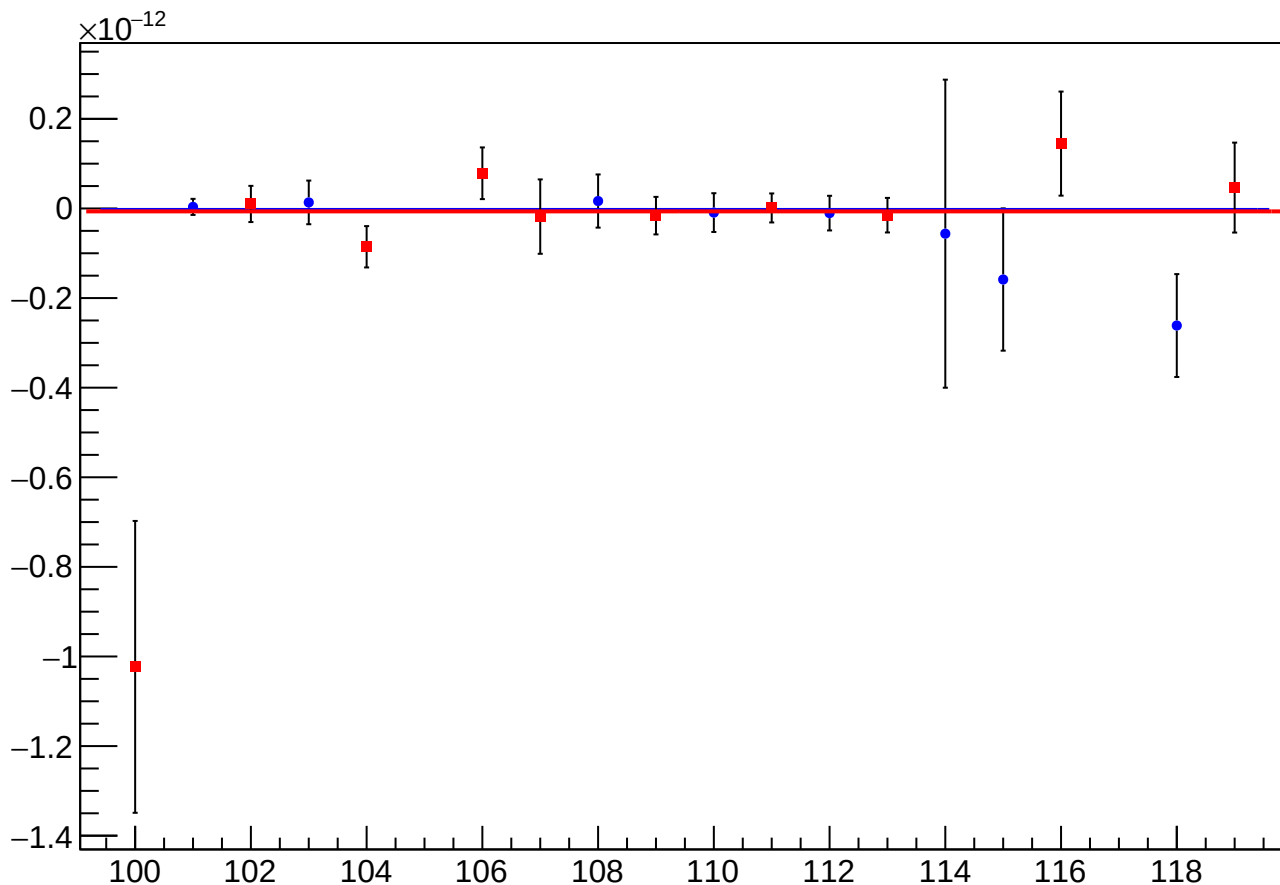
Right: 510.814+/-0.136 χ^2/NDF : 588234.1/17

In: 511.057+/-0.202 χ^2/NDF : 252311.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 510.814+/-0.136 χ^2/NDF : 588234.1/17

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

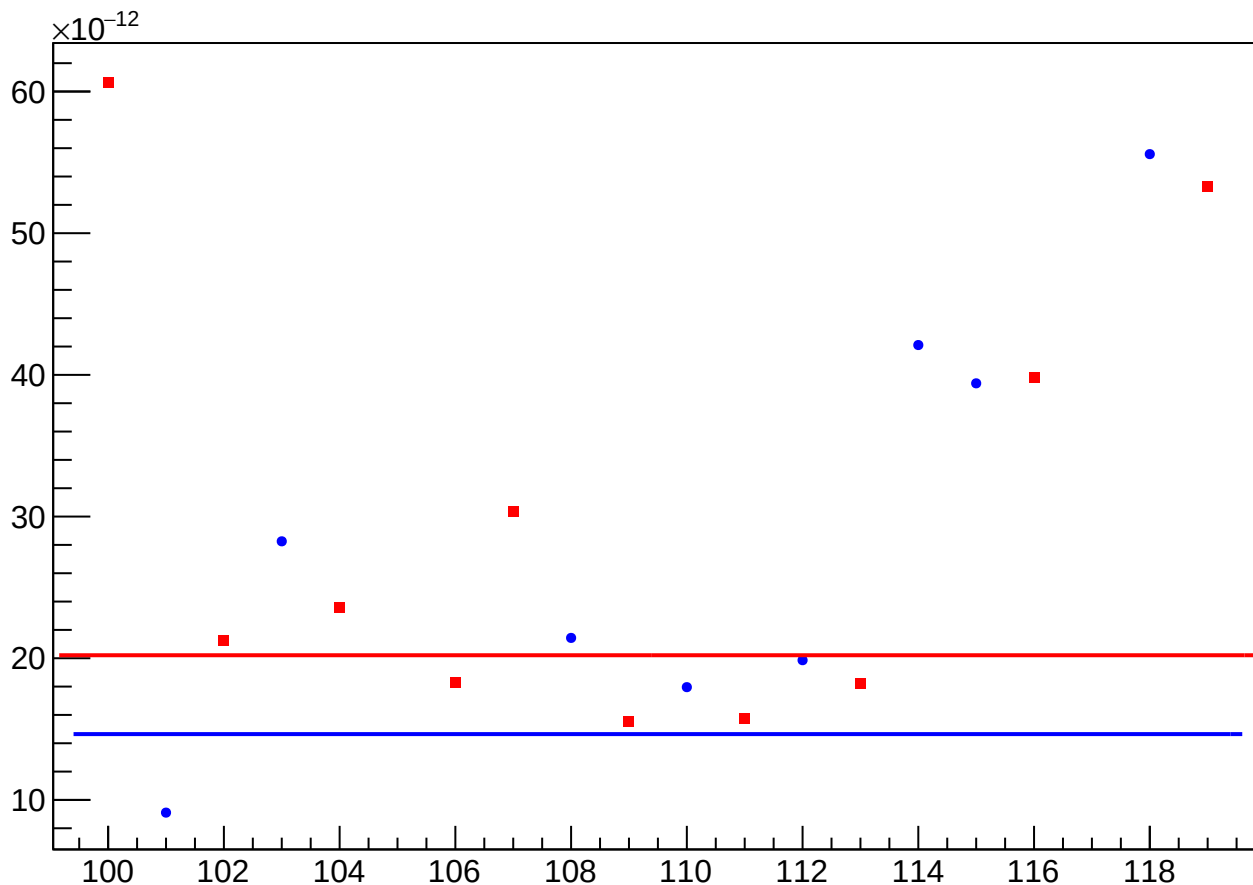
Right: -0.000+/-0.000 χ^2/NDF : 23.7/17

In: -0.000+/-0.000 χ^2/NDF : 6.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.7/17

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 737021.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 417027.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

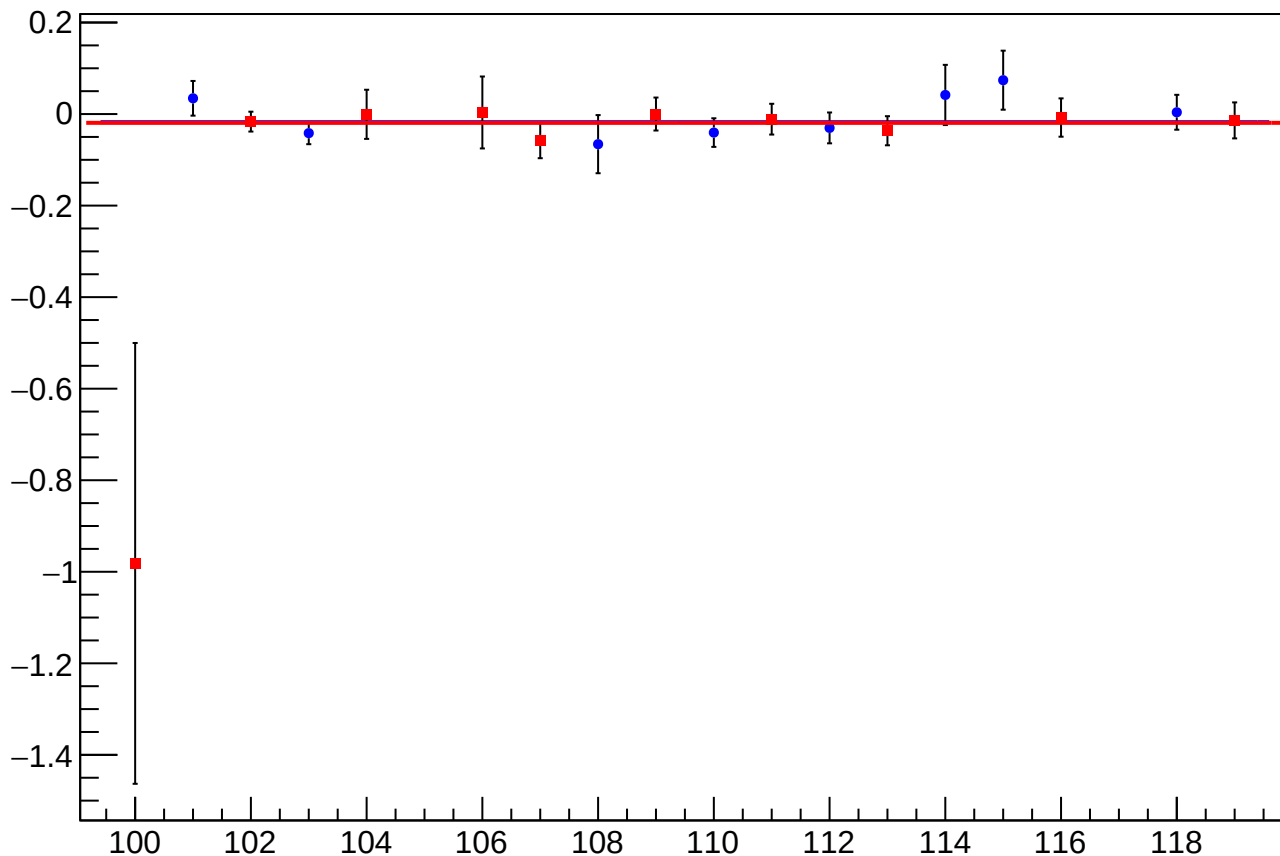
Right: 0.000+/-0.000 χ^2/NDF : 1291617.5/17

In: 0.000+/-0.000 χ^2/NDF : 737021.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1291617.5/17

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.013 χ^2 /NDF: 7.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

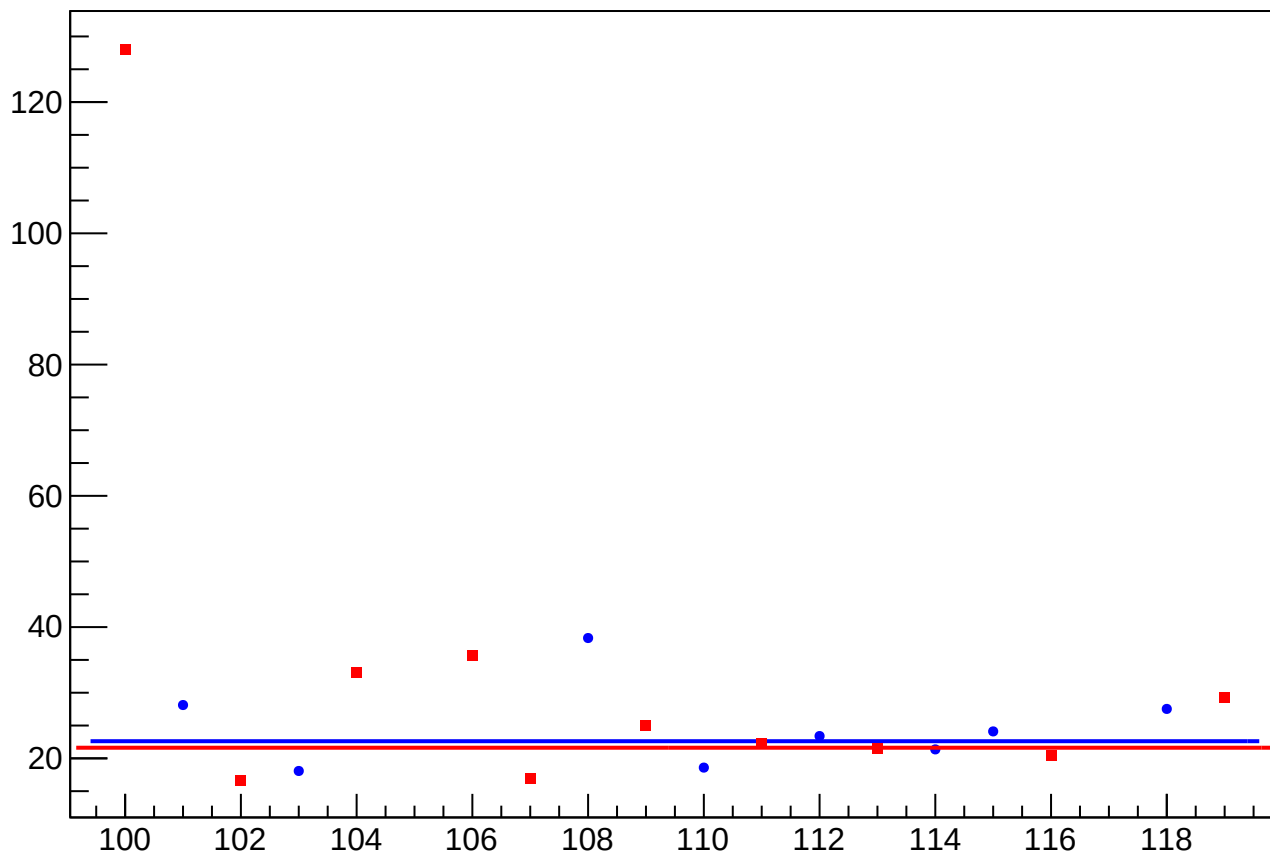
Right: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

In: -0.018 $\pm$ 0.013 χ^2 /NDF:7.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.613+/-0.009 χ^2/NDF : 304676.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485417.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

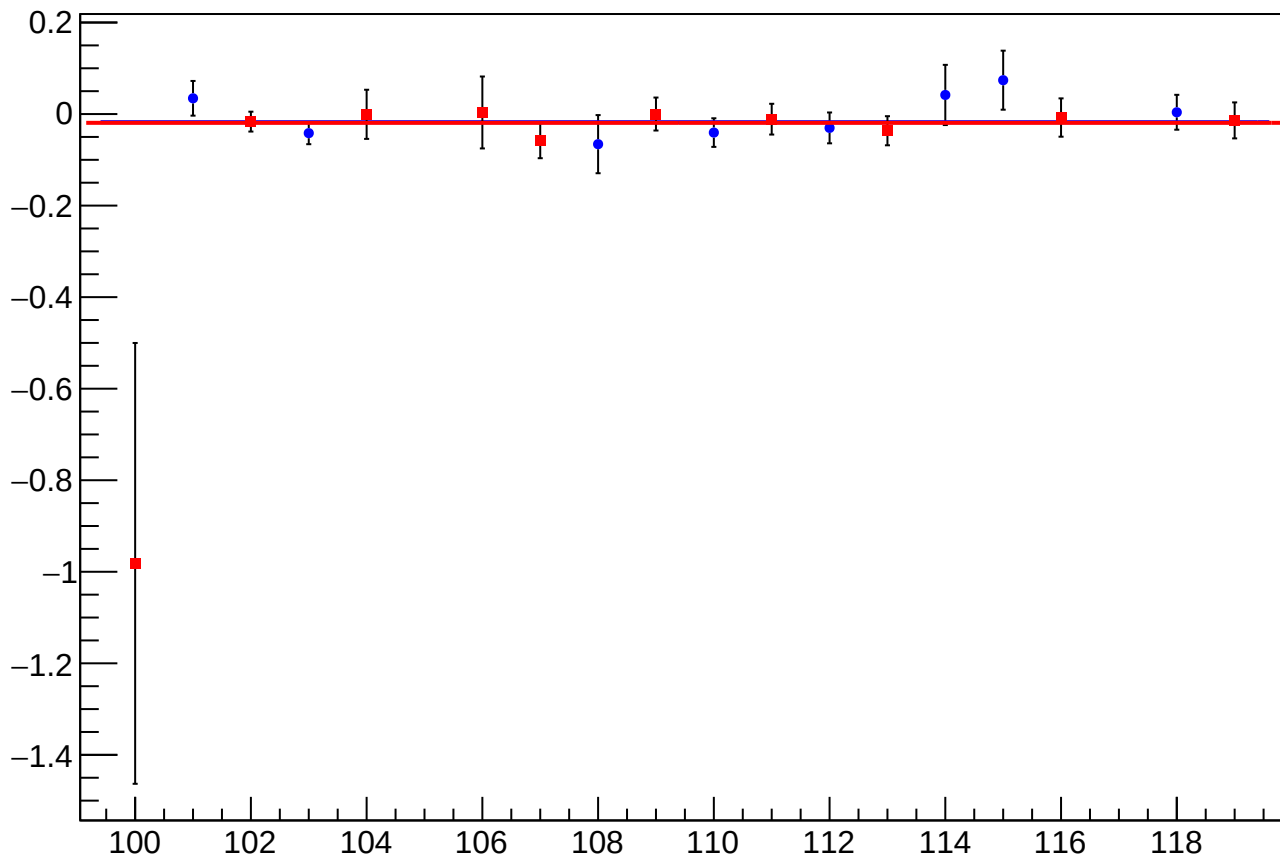
Right: 22.061+/-0.006 χ^2/NDF : 796380.3/17

In: 22.613+/-0.009 χ^2/NDF : 304676.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.061+/-0.006 χ^2/NDF : 796380.3/17

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.013 χ^2 /NDF: 7.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

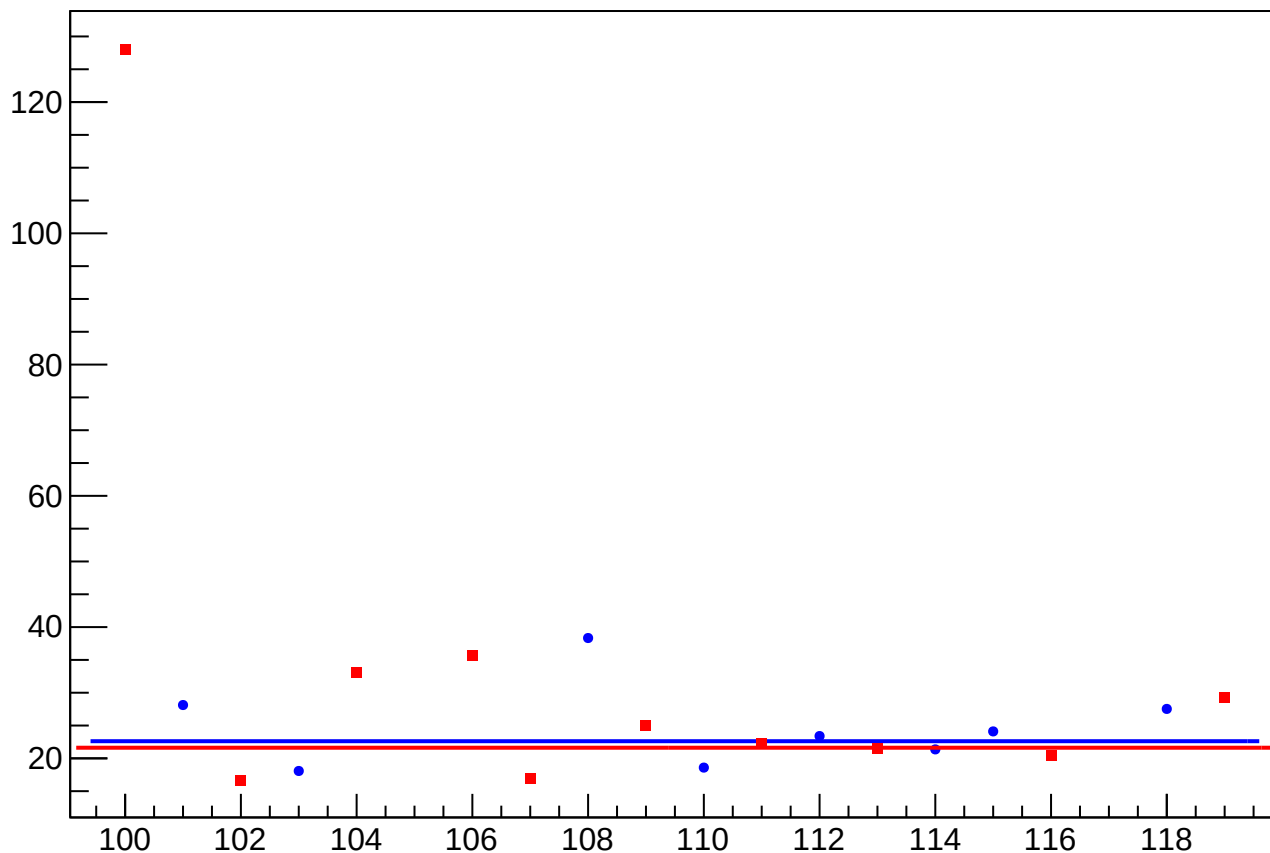
Right: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

In: -0.018 $\pm$ 0.013 χ^2 /NDF:7.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.613+/-0.009 χ^2/NDF : 304676.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485417.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

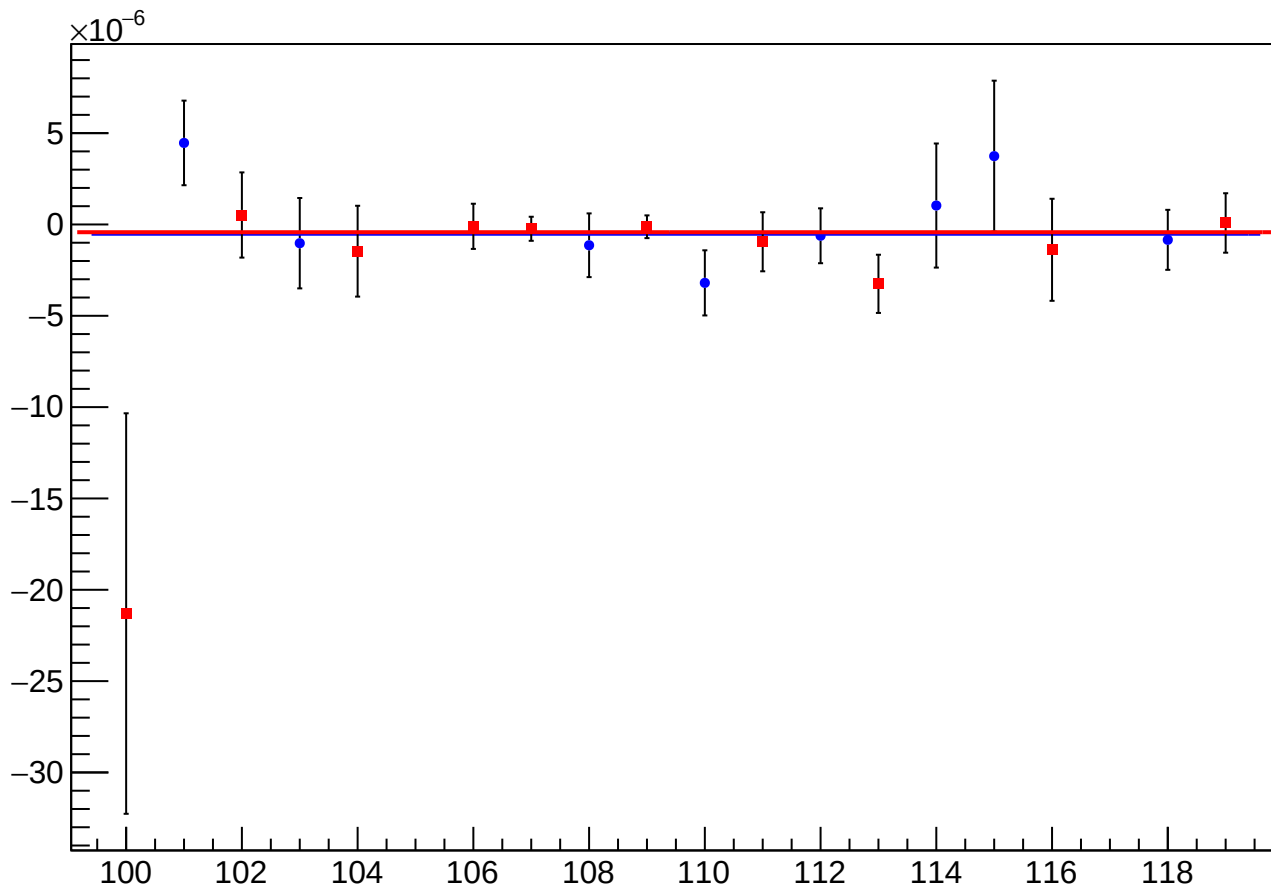
Right: 22.061+/-0.006 χ^2/NDF : 796380.3/17

In: 22.613+/-0.009 χ^2/NDF : 304676.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.061+/-0.006 χ^2/NDF : 796380.3/17

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

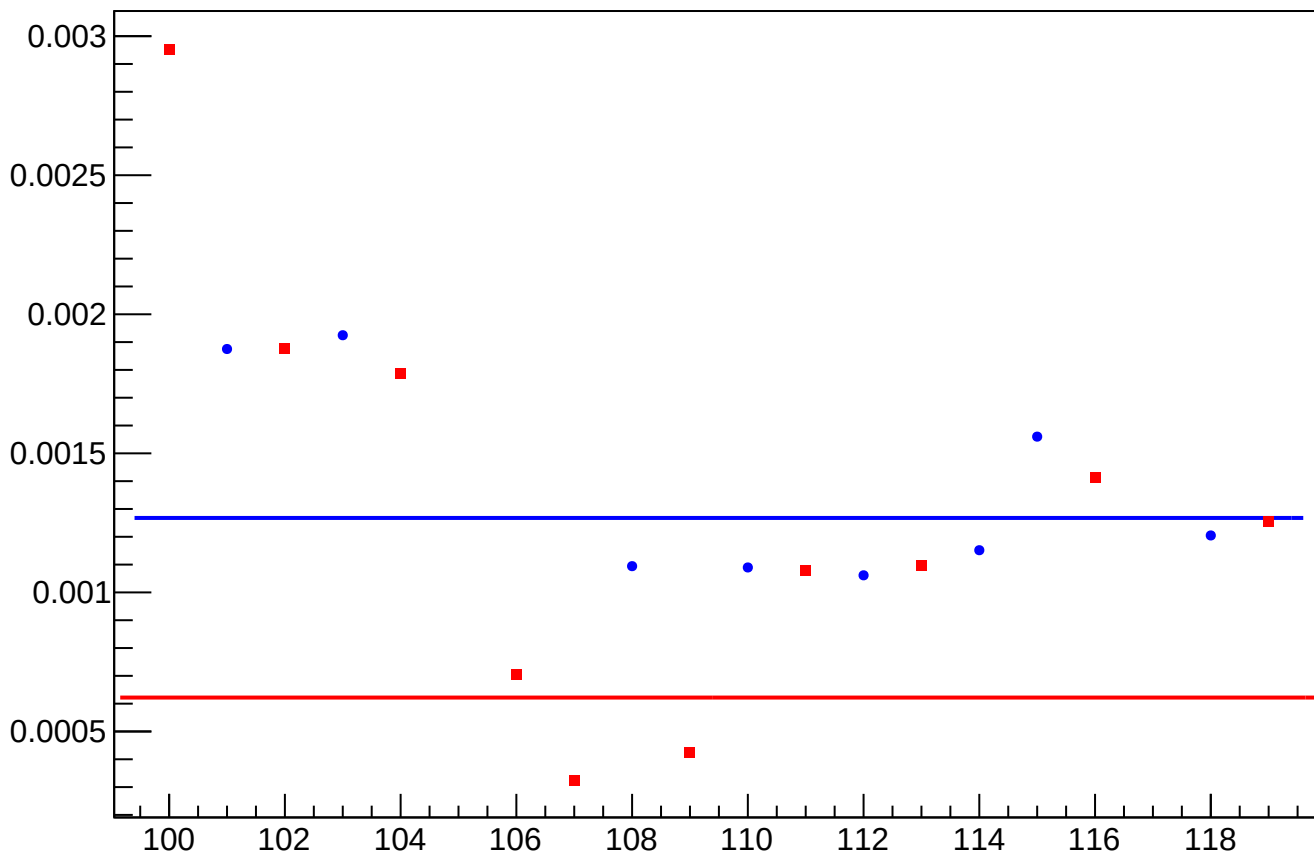
Right: -0.000+/-0.000 χ^2/NDF : 16.2/17

In: -0.000+/-0.000 χ^2/NDF : 8.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/17

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 371305.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2529592.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

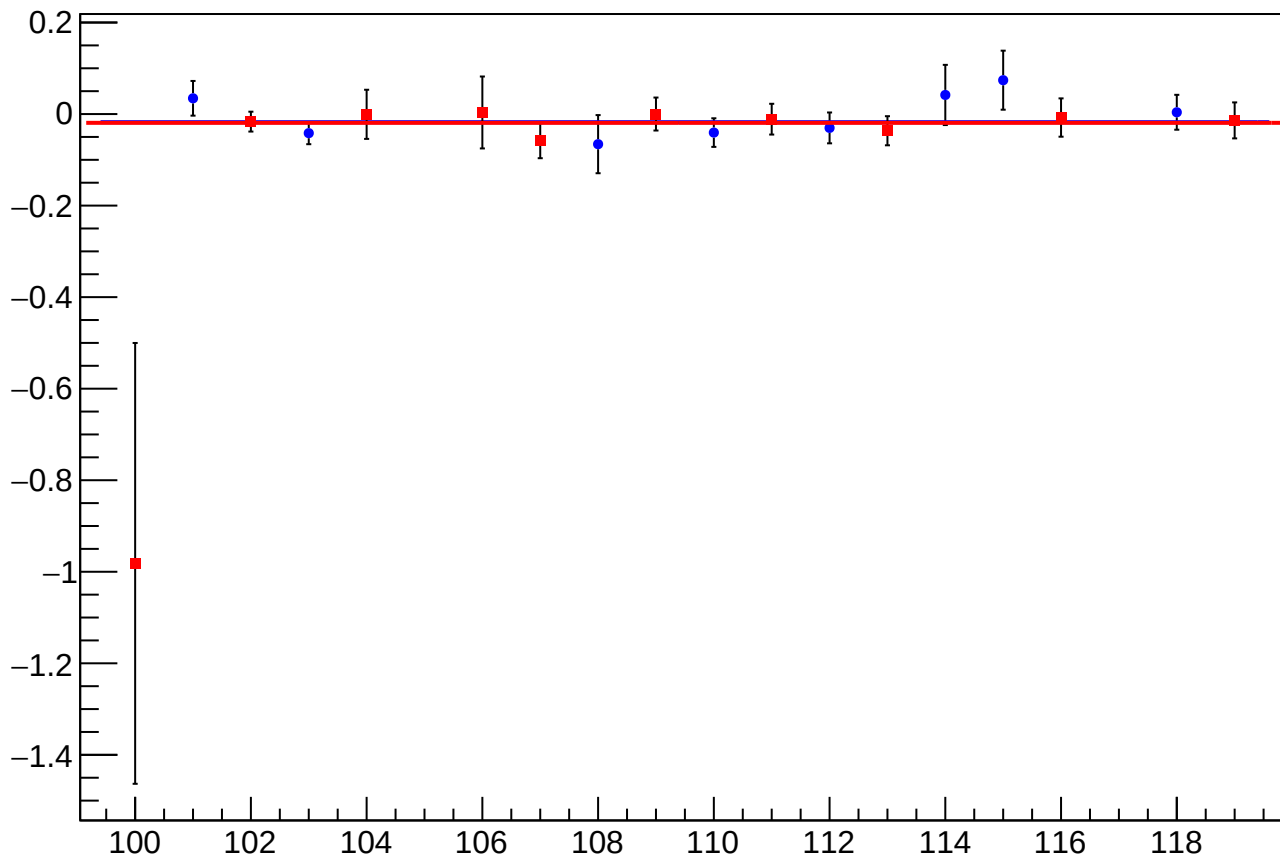
Right: 0.001+/-0.000 χ^2/NDF : 4181050.7/17

In: 0.001+/-0.000 χ^2/NDF : 371305.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4181050.7/17

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.013 χ^2 /NDF: 7.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

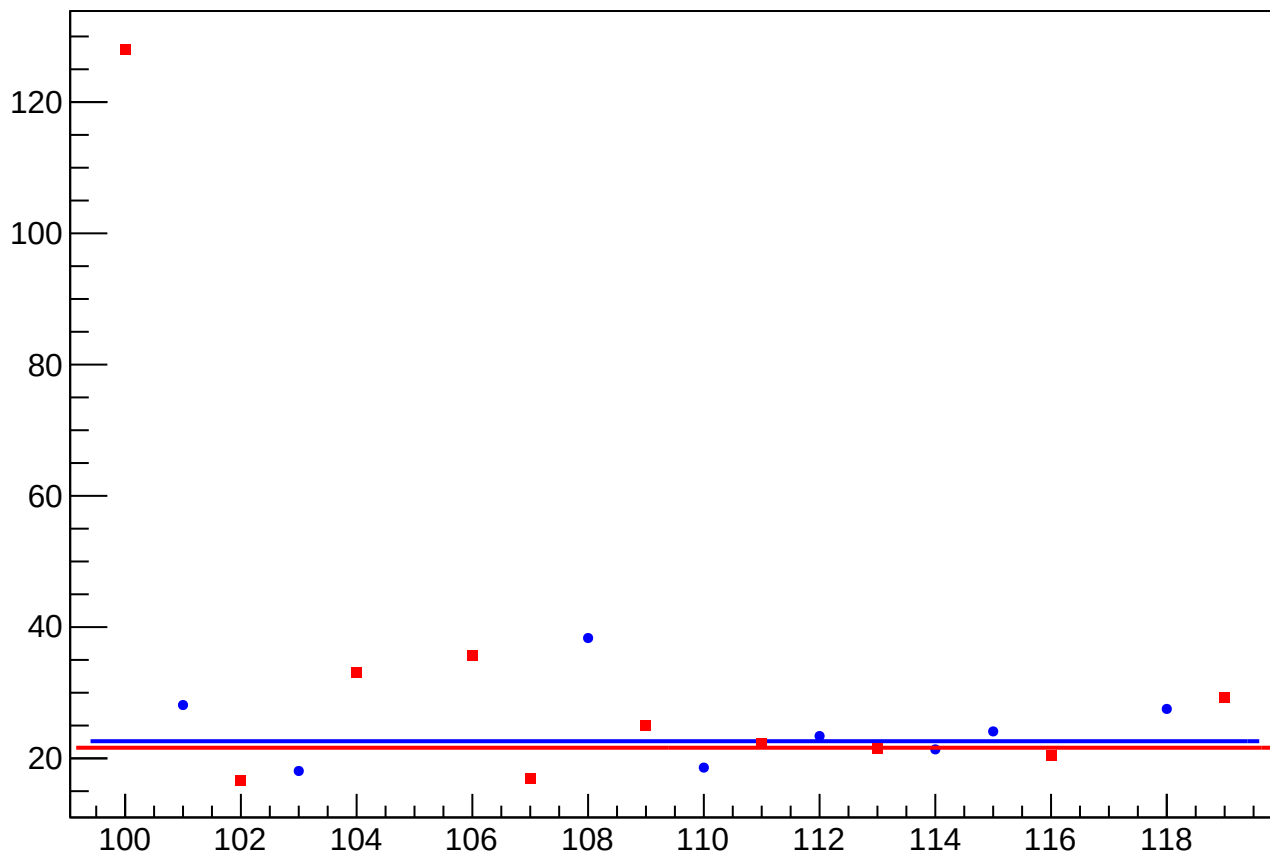
Right: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

In: -0.018 $\pm$ 0.013 χ^2 /NDF:7.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.614+/-0.009 χ^2/NDF : 304668.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485398.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

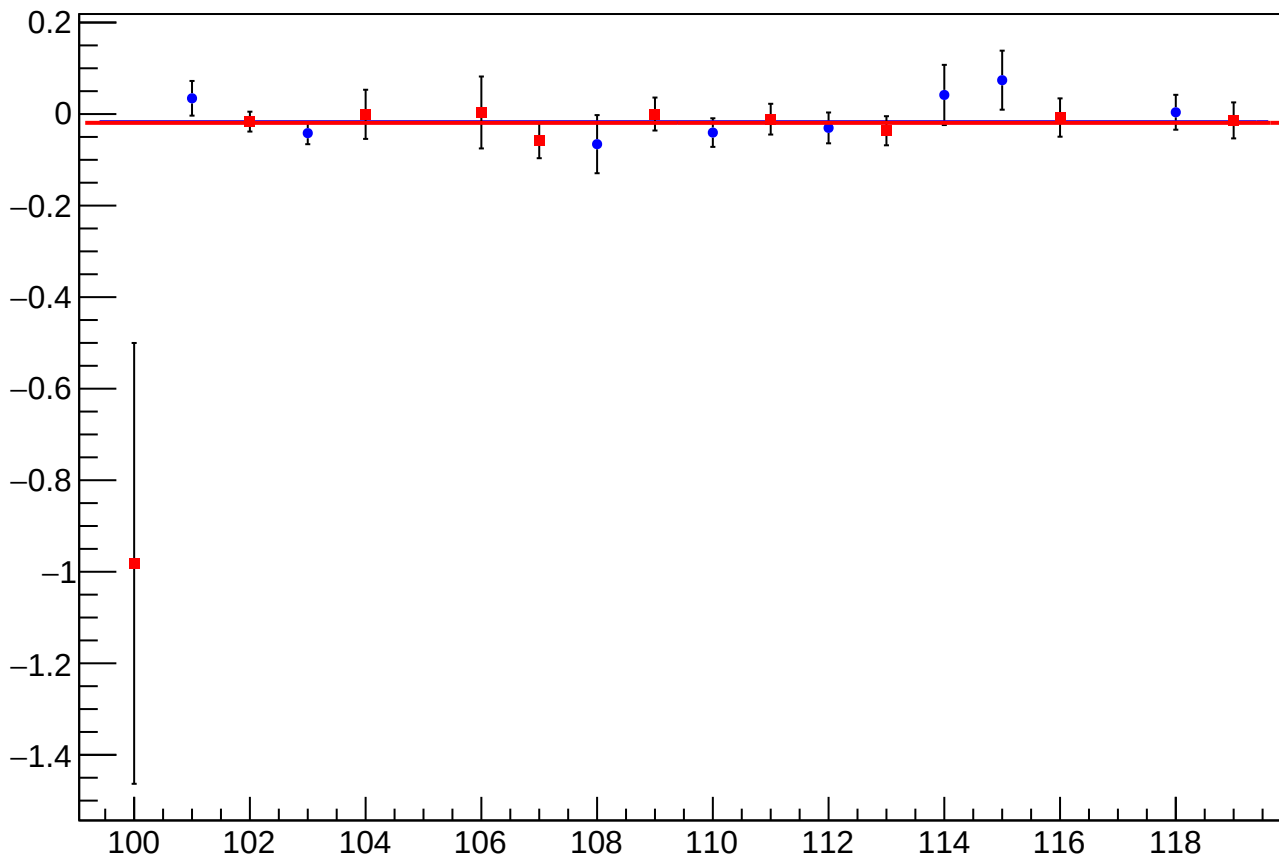
Right: 22.061+/-0.006 χ^2/NDF : 796353.6/17

In: 22.614+/-0.009 χ^2/NDF :304668.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.061+/-0.006 χ^2/NDF : 796353.6/17

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.018 $\pm$ 0.013 χ^2 /NDF: 7.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.012 χ^2 /NDF: 6.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

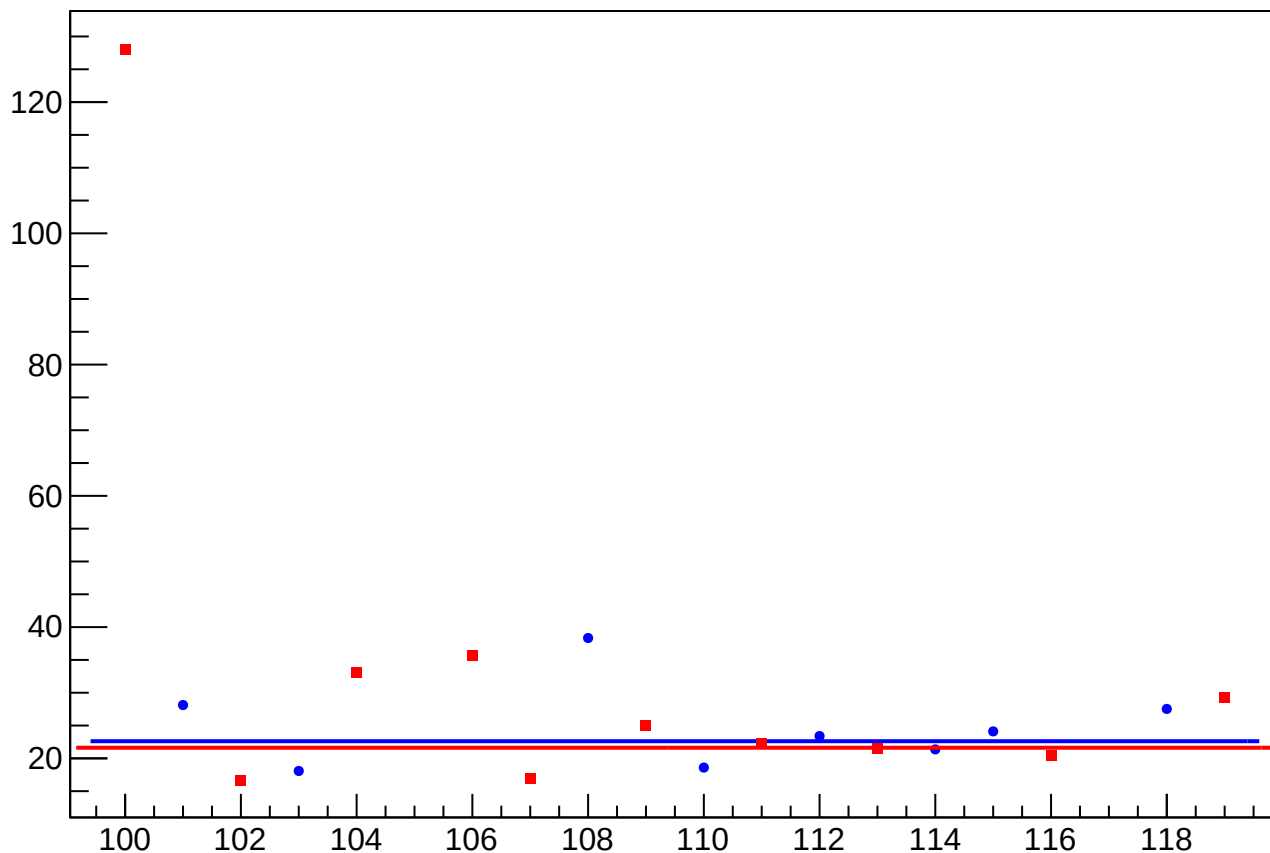
Right: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

In: -0.018 $\pm$ 0.013 χ^2 /NDF:7.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.019 $\pm$ 0.009 χ^2 /NDF: 13.3/17

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 22.614+/-0.009 χ^2/NDF : 304668.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.620+/-0.008 χ^2/NDF : 485398.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

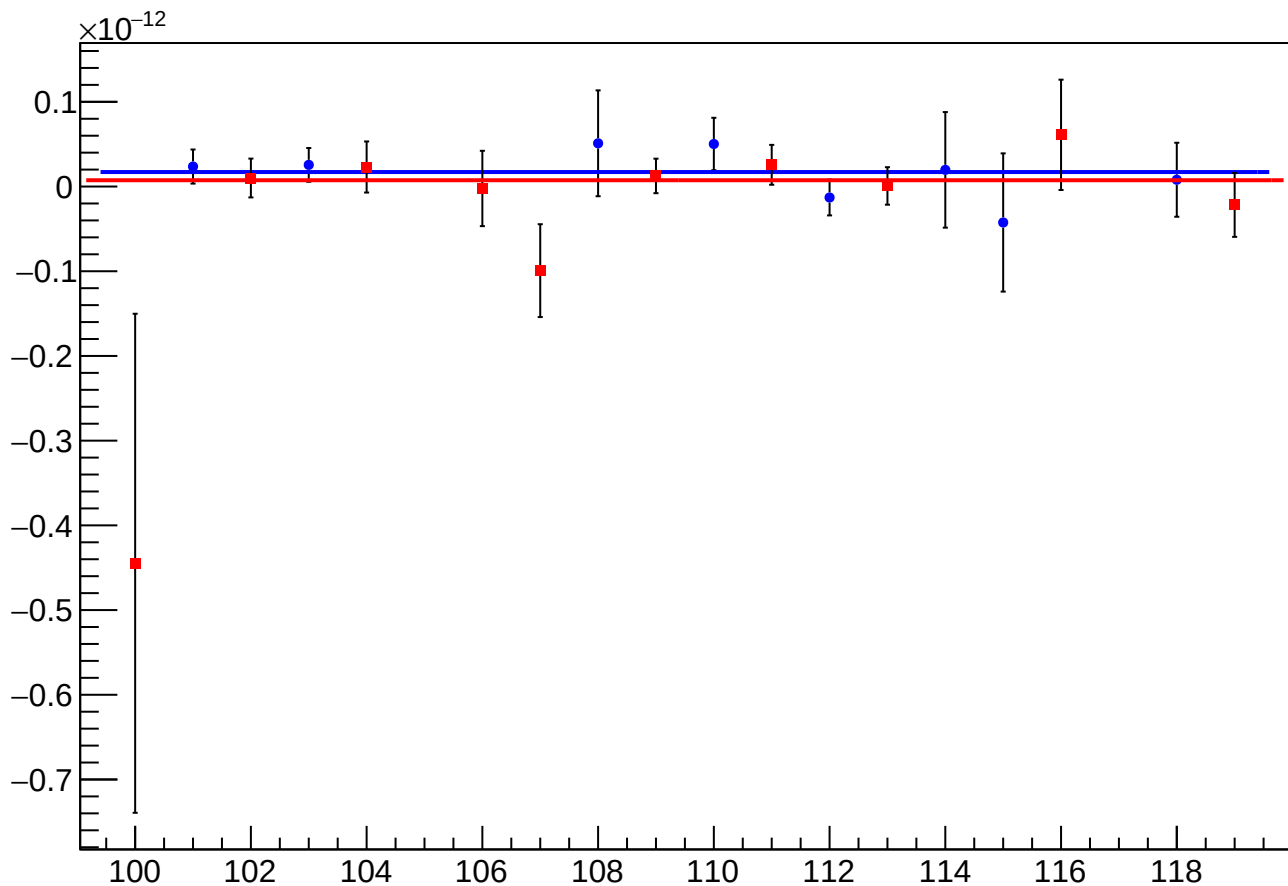
Right: 22.061+/-0.006 χ^2/NDF : 796353.6/17

In: 22.614+/-0.009 χ^2/NDF : 304668.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.061+/-0.006 χ^2/NDF : 796353.6/17

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

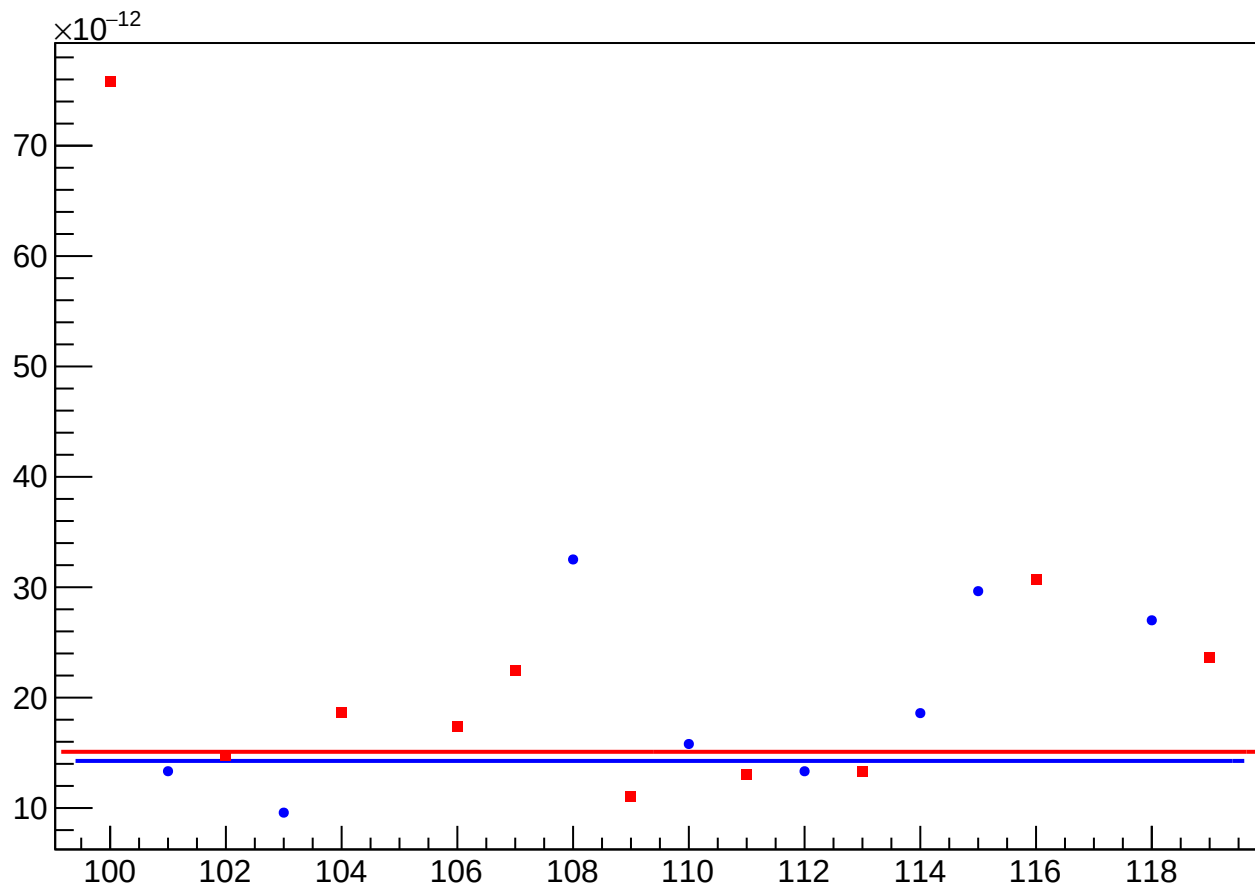
Right: 0.000+/-0.000 χ^2/NDF : 13.3/17

In: 0.000+/-0.000 χ^2/NDF : 4.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.3/17

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 543476.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 478666.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

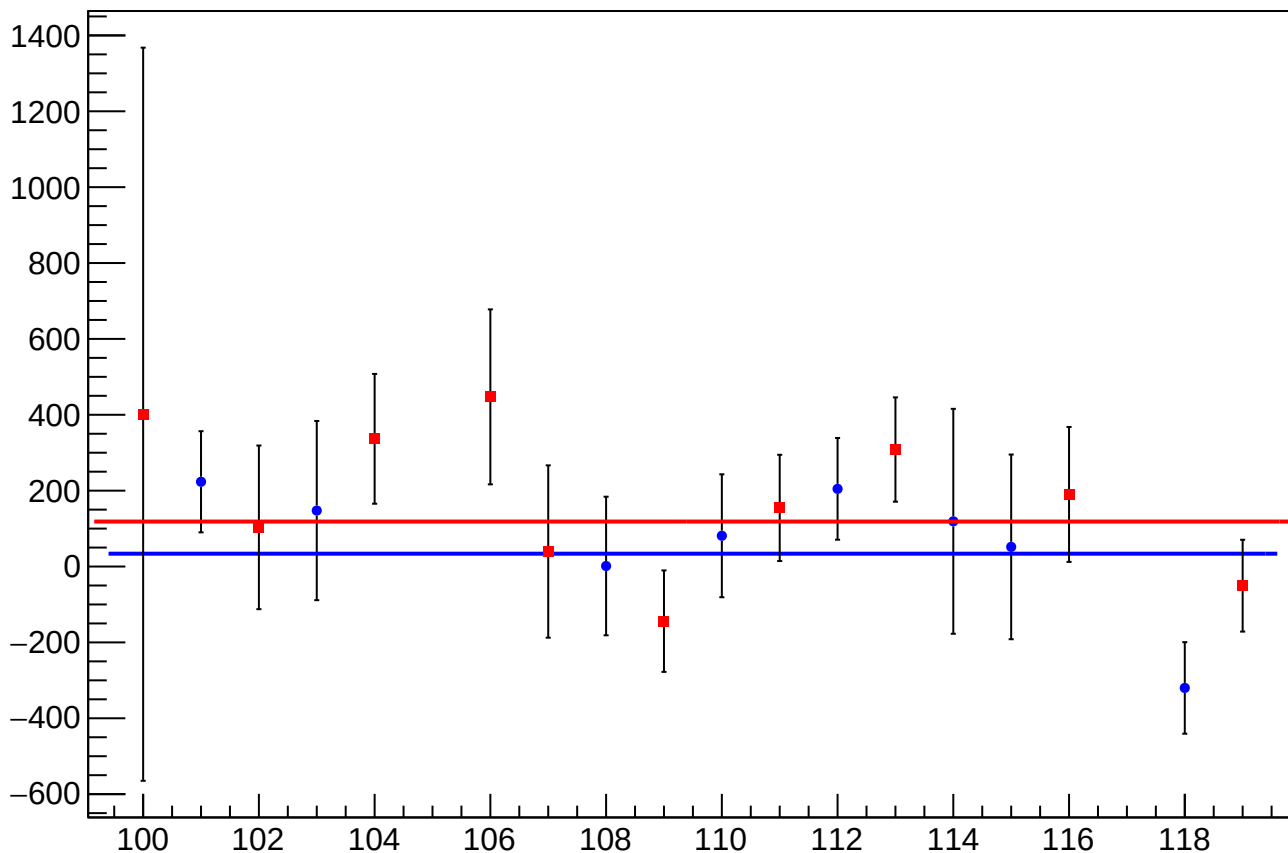
Right: 0.000+/-0.000 χ^2/NDF : 1029085.4/17

In: 0.000+/-0.000 χ^2/NDF : 543476.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1029085.4/17

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 33.835+/-58.238 χ^2/NDF : 12.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.562+/-53.100 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

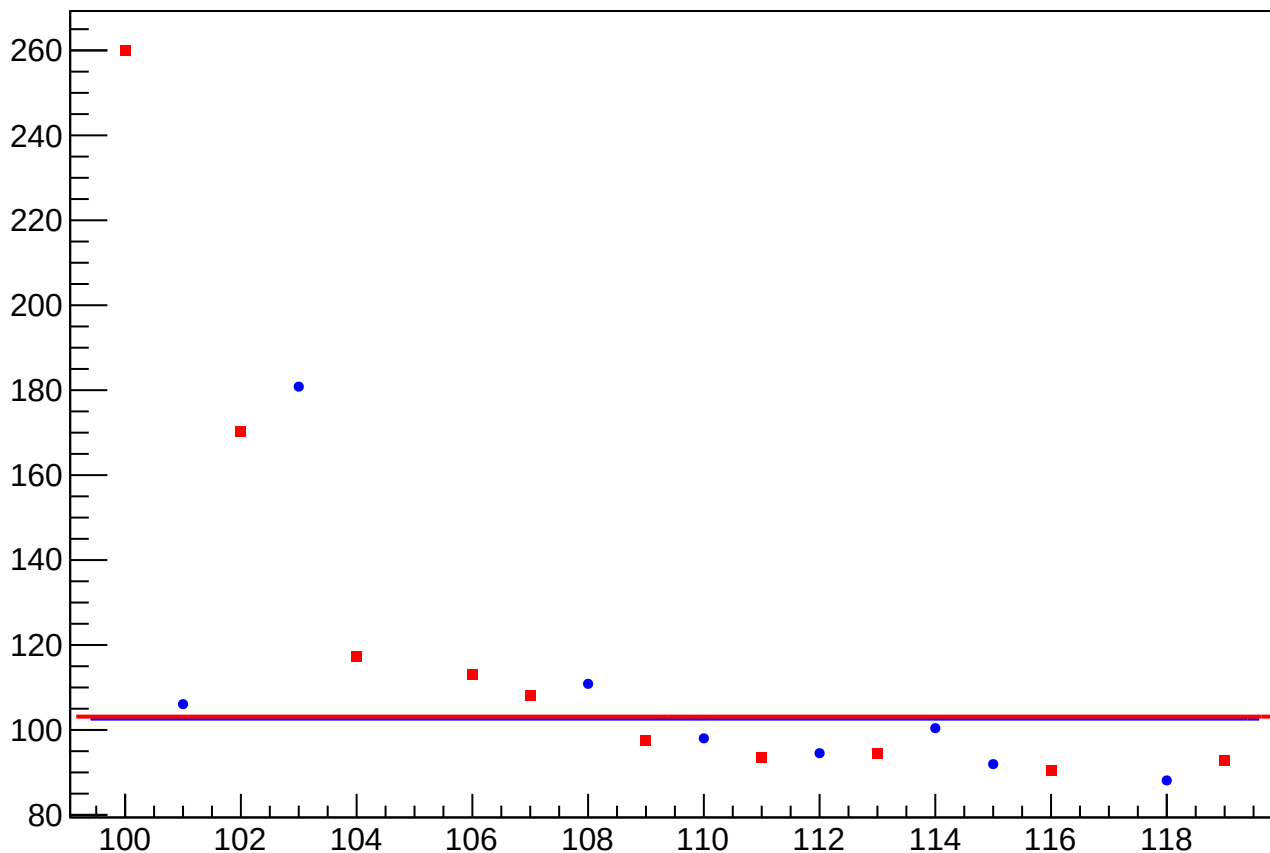
Right: 80.100+/-39.238 χ^2/NDF : 25.6/17

In: 33.835+/-58.238 χ^2/NDF : 12.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.100+/-39.238 χ^2/NDF : 25.6/17

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 102.673+/-0.041 χ^2/NDF : 266399.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.142+/-0.038 χ^2/NDF : 311209.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

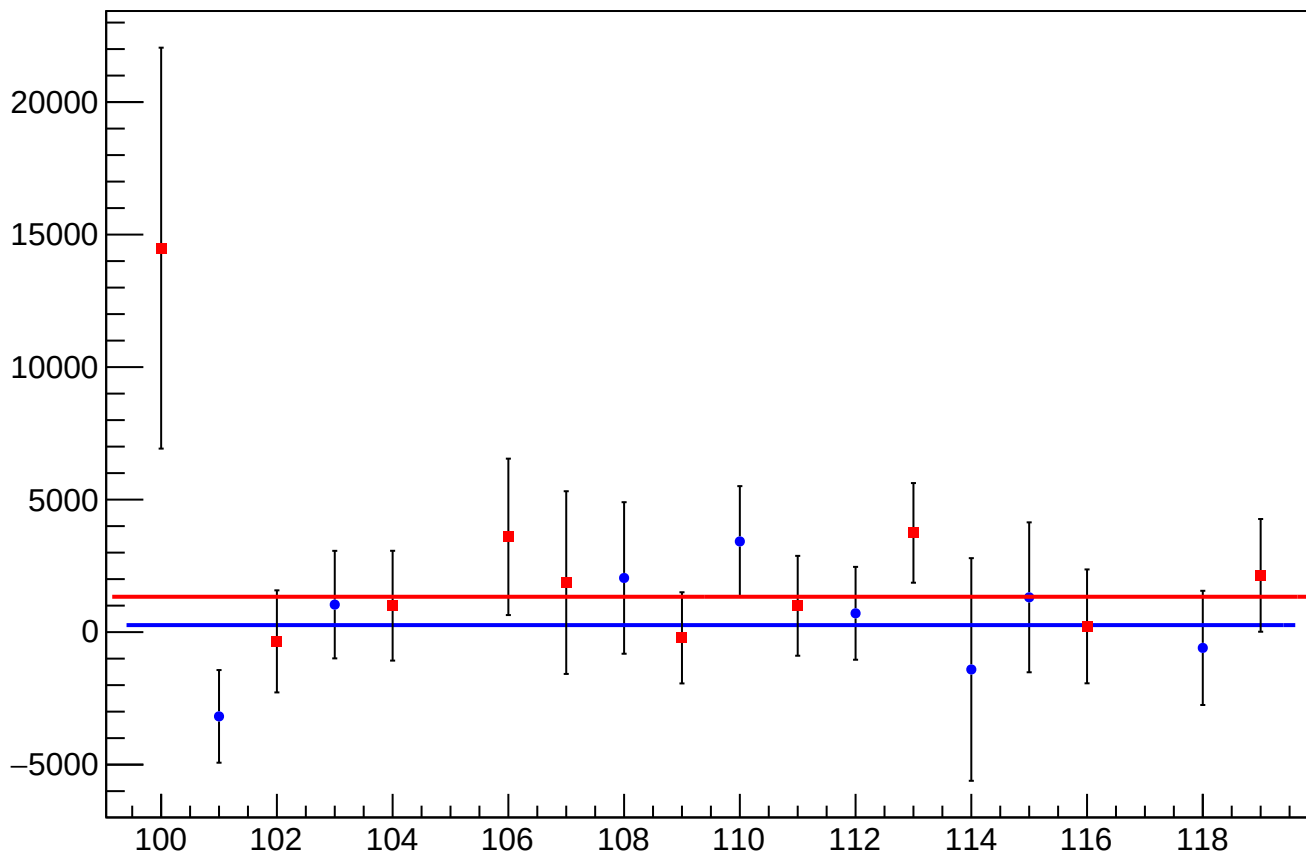
Right: 102.929+/-0.028 χ^2/NDF : 577679.4/17

In: 102.673+/-0.041 χ^2/NDF : 266399.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.929+/-0.028 χ^2/NDF : 577679.4/17

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 264.759+/-779.625 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.631+/-696.842 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

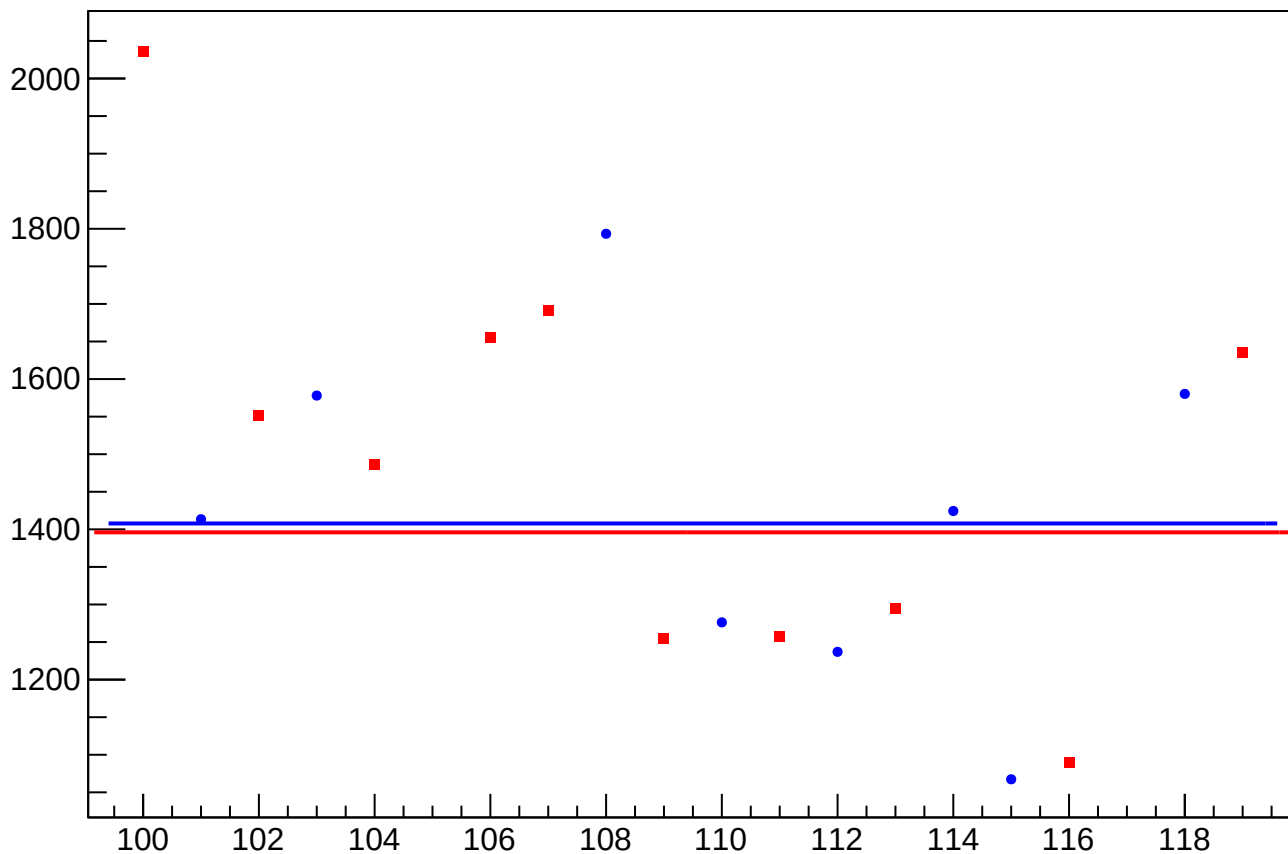
Right: 859.493+/-519.553 χ^2/NDF : 15.6/17

In: 264.759+/-779.625 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 859.493+/-519.553 χ^2/NDF : 15.6/17

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1407.821+/-0.551 χ^2/NDF : 119268.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.027+/-0.493 χ^2/NDF : 157120.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

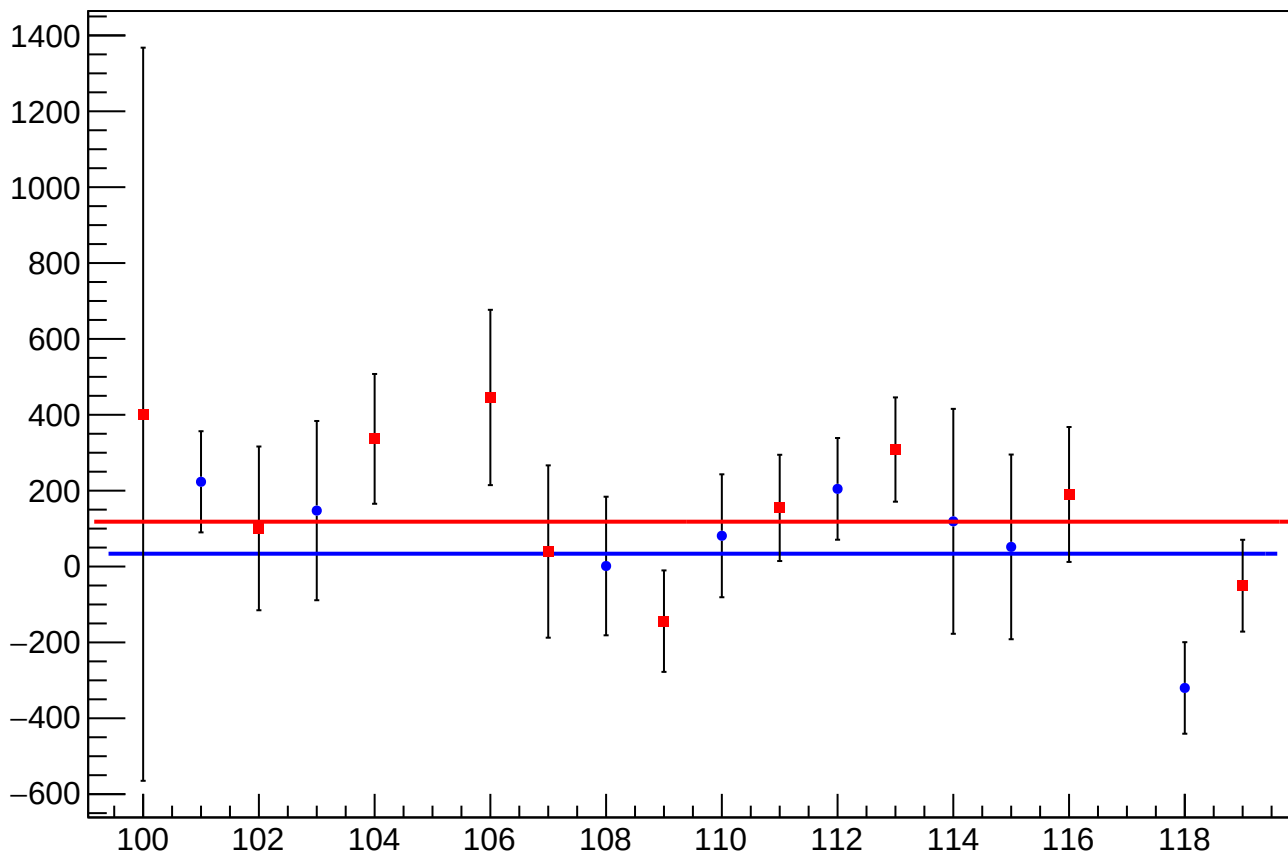
Right: 1401.264+/-0.367 χ^2/NDF : 276643.9/17

In: 1407.821+/-0.551 χ^2/NDF : 119268.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1401.264+/-0.367 χ^2/NDF : 276643.9/17

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 33.818+/-58.238 χ^2/NDF : 12.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.234+/-53.107 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

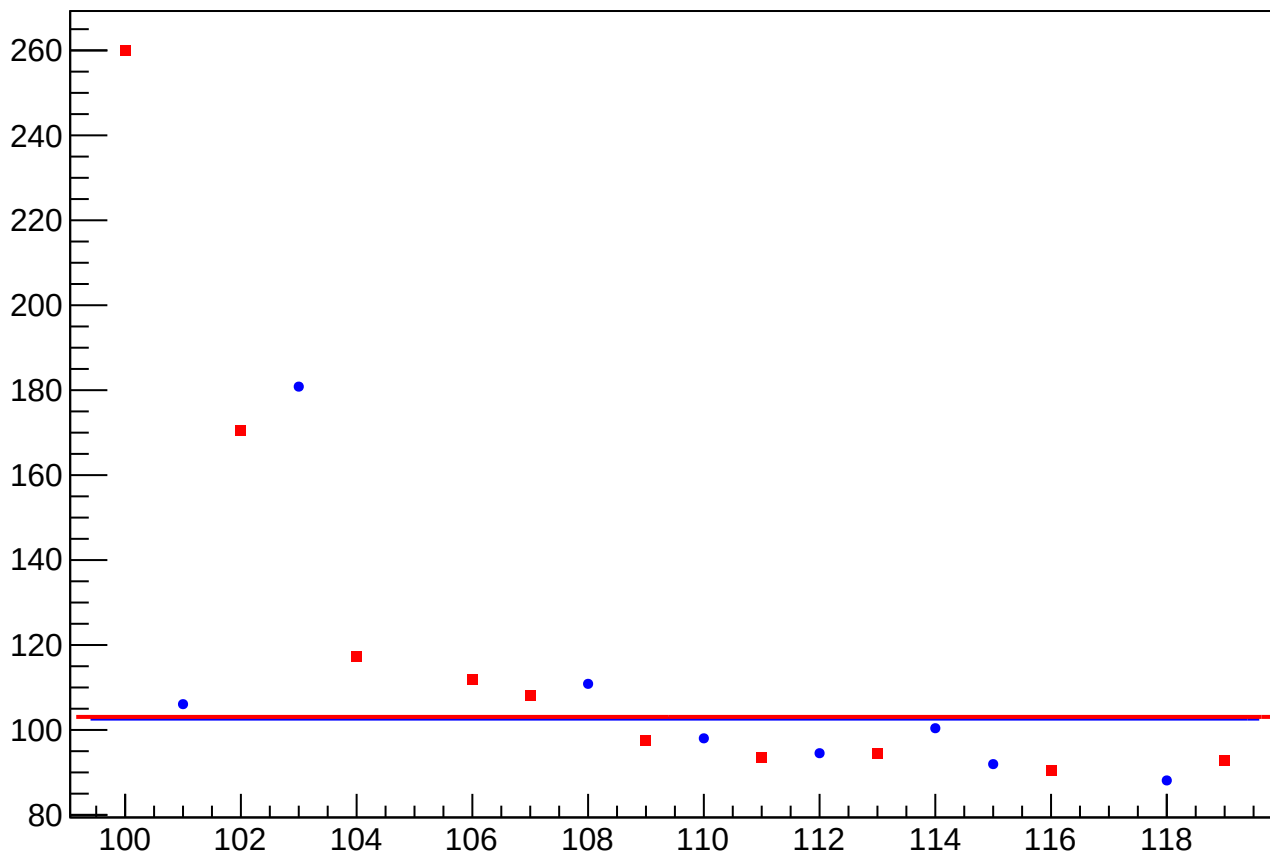
Right: 79.908+/-39.241 χ^2/NDF : 25.6/17

In: 33.818+/-58.238 χ^2/NDF : 12.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.908+/-39.241 χ^2/NDF : 25.6/17

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 102.673+/-0.041 χ^2/NDF : 266402.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.071+/-0.038 χ^2/NDF : 310567.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

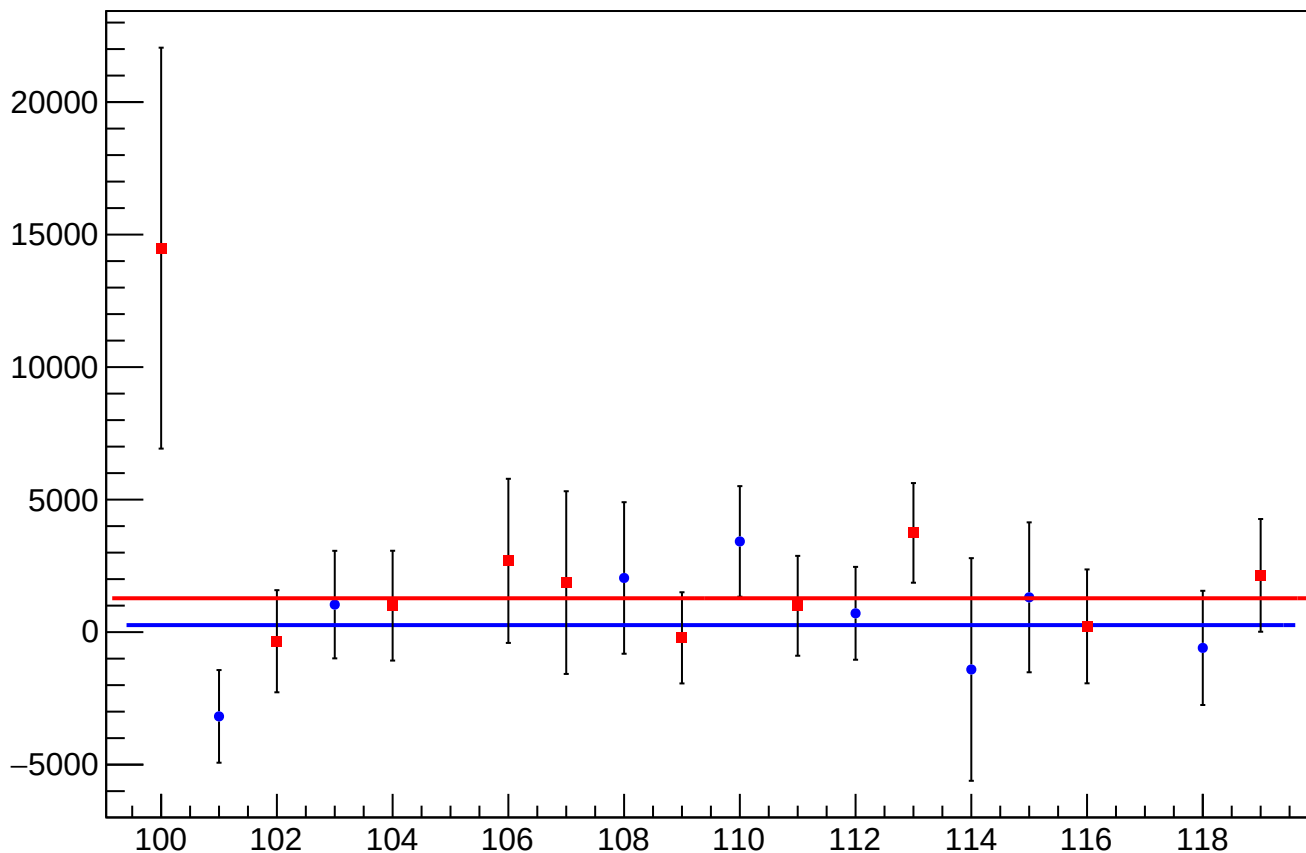
Right: 102.890+/-0.028 χ^2/NDF : 577021.2/17

In: 102.673+/-0.041 χ^2/NDF : 266402.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.890+/-0.028 χ^2/NDF : 577021.2/17

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.864+/-779.633 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.071+/-698.692 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

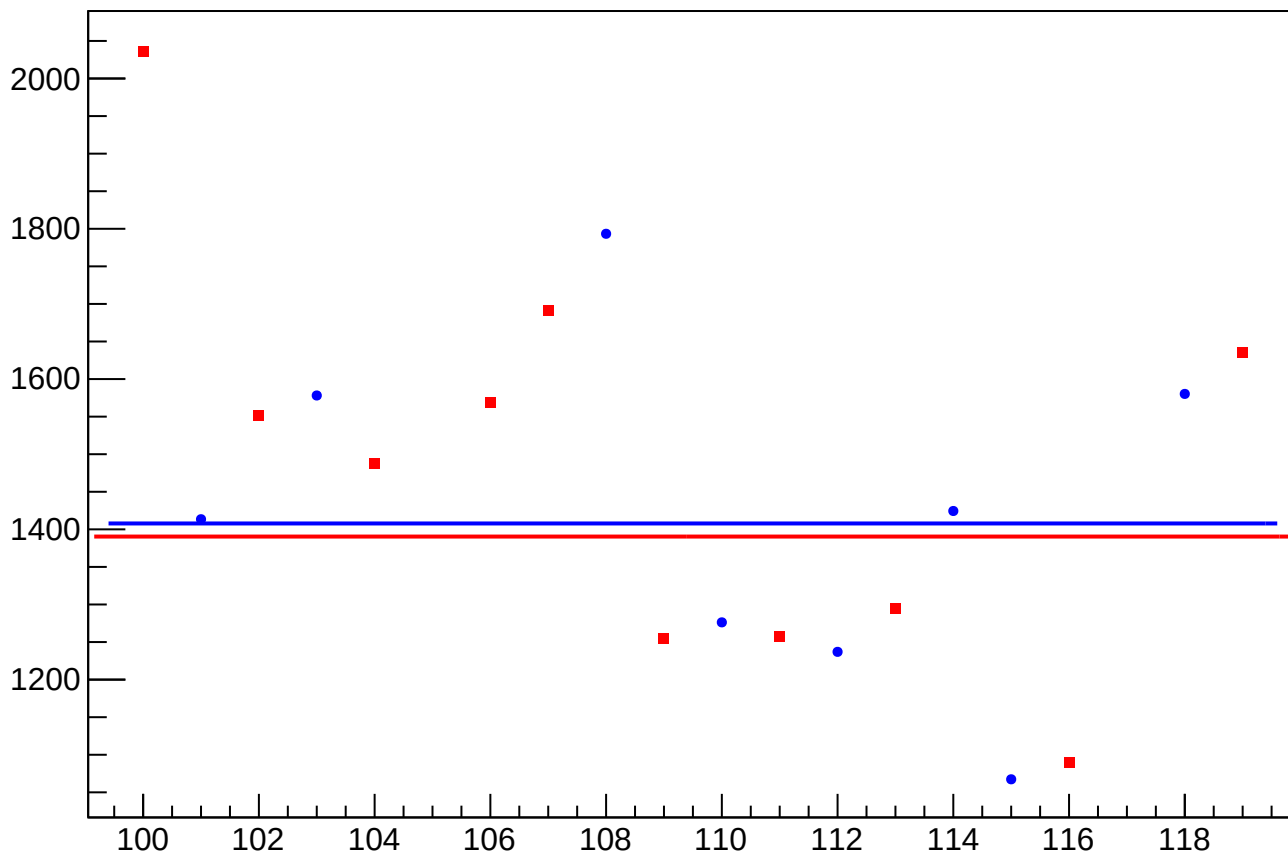
Right: 826.776+/-520.321 χ^2/NDF : 15.1/17

In: 264.864+/-779.633 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.776+/-520.321 χ^2/NDF : 15.1/17

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1407.832+/-0.551 χ^2/NDF : 119285.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.400+/-0.494 χ^2/NDF : 147948.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

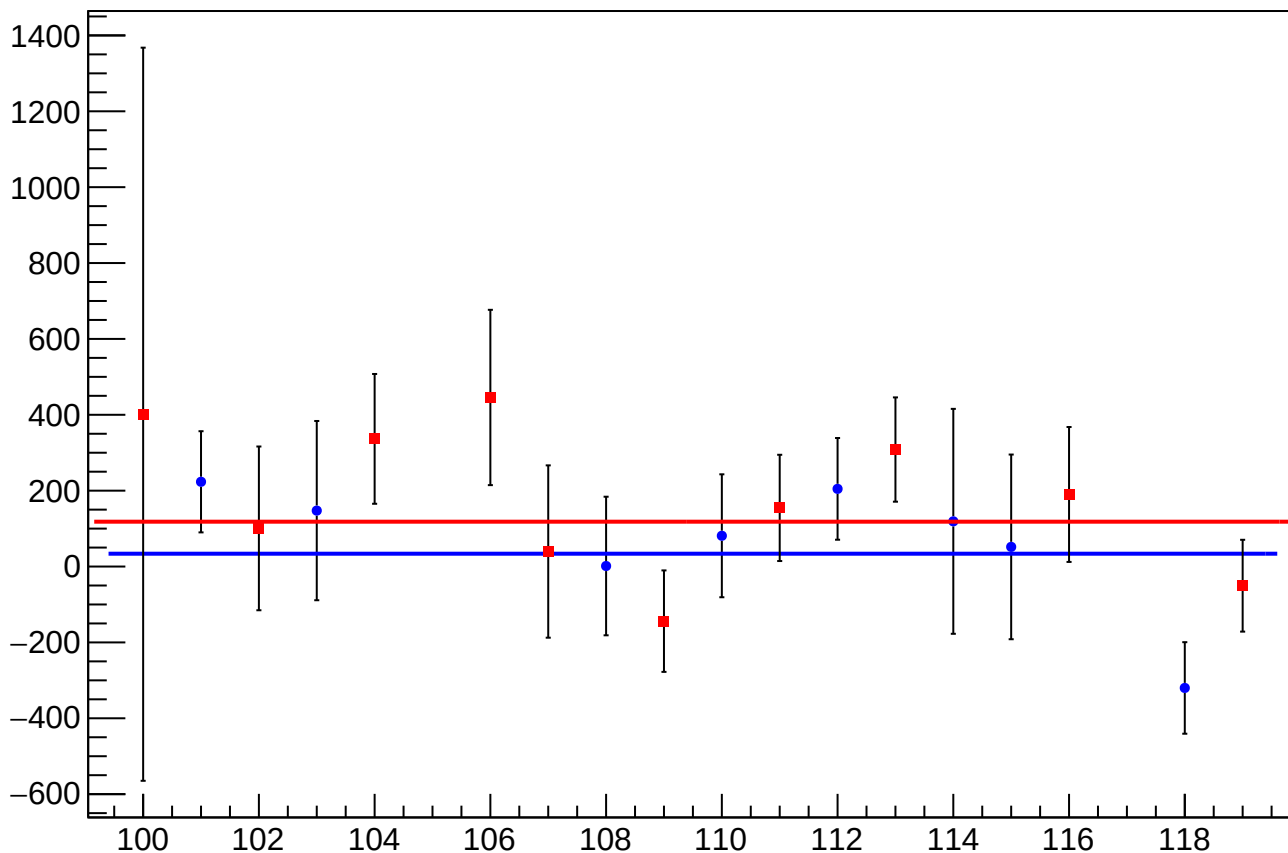
Right: 1398.165+/-0.368 χ^2/NDF : 267788.7/17

In: 1407.832+/-0.551 χ^2/NDF : 119285.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.165+/-0.368 χ^2/NDF : 267788.7/17

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 33.818+/-58.238 χ^2/NDF : 12.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.234+/-53.107 χ^2/NDF : 11.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

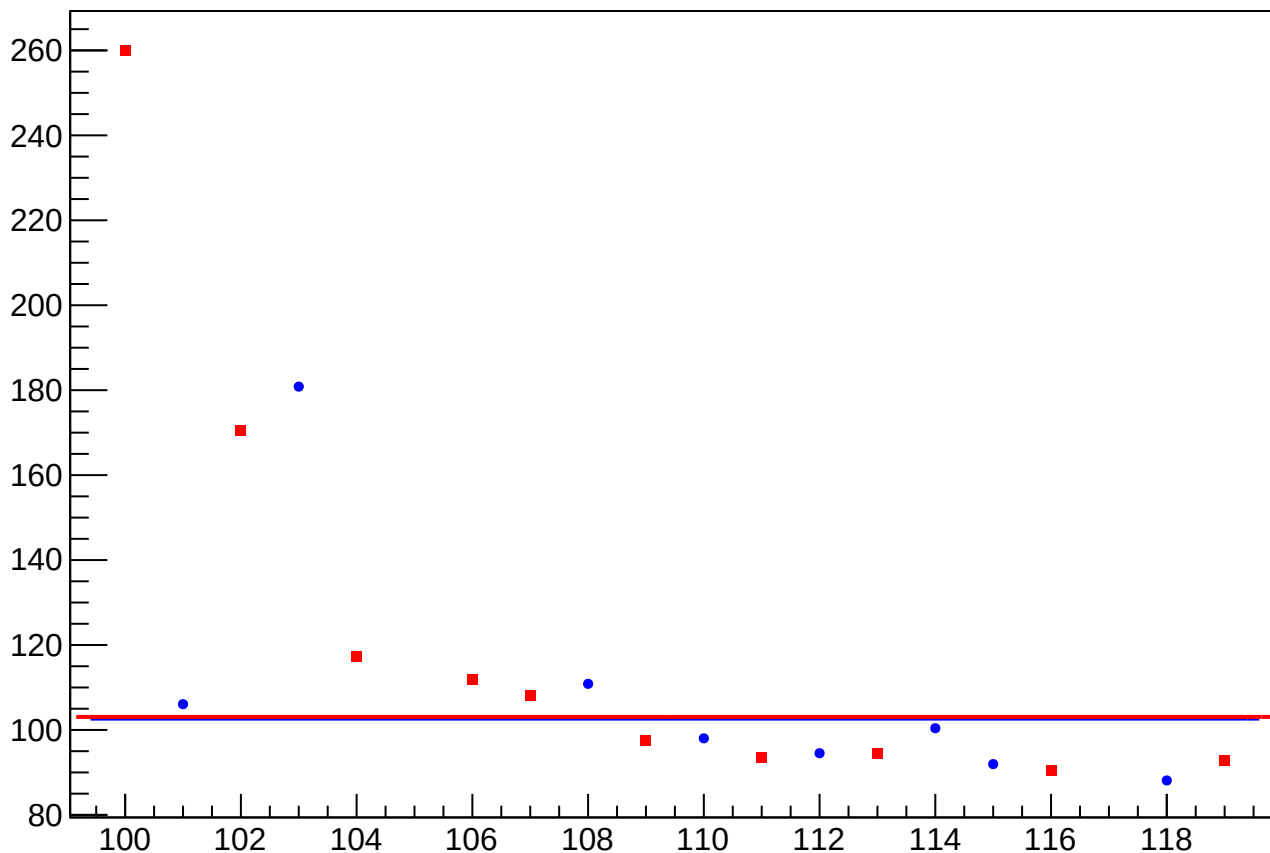
Right: 79.908+/-39.241 χ^2/NDF : 25.6/17

In: 33.818+/-58.238 χ^2/NDF : 12.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.908+/-39.241 χ^2/NDF : 25.6/17

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 102.673+/-0.041 χ^2/NDF : 266402.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.071+/-0.038 χ^2/NDF : 310567.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

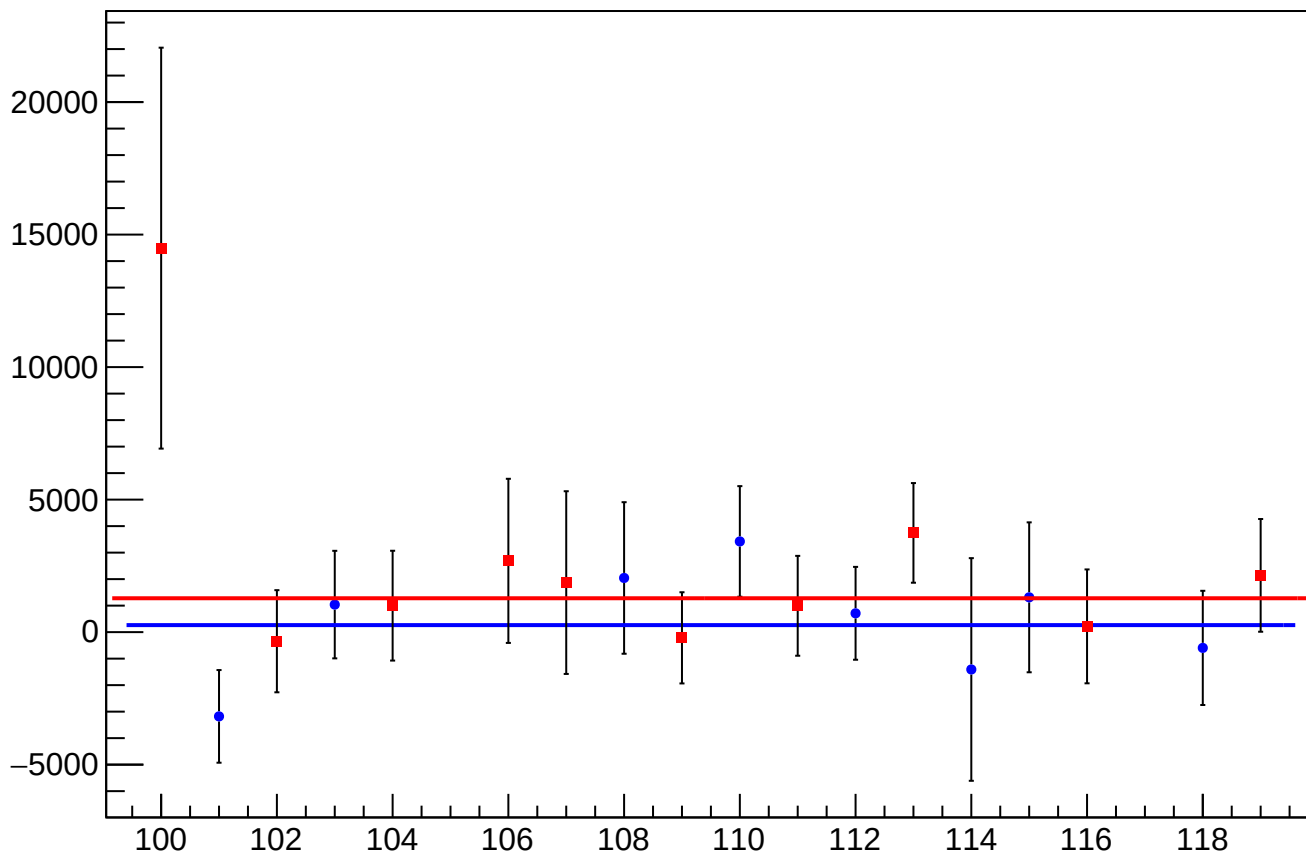
Right: 102.890+/-0.028 χ^2/NDF : 577021.2/17

In: 102.673+/-0.041 χ^2/NDF : 266402.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.890+/-0.028 χ^2/NDF : 577021.2/17

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 264.864+/-779.633 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.071+/-698.692 χ^2/NDF : 6.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

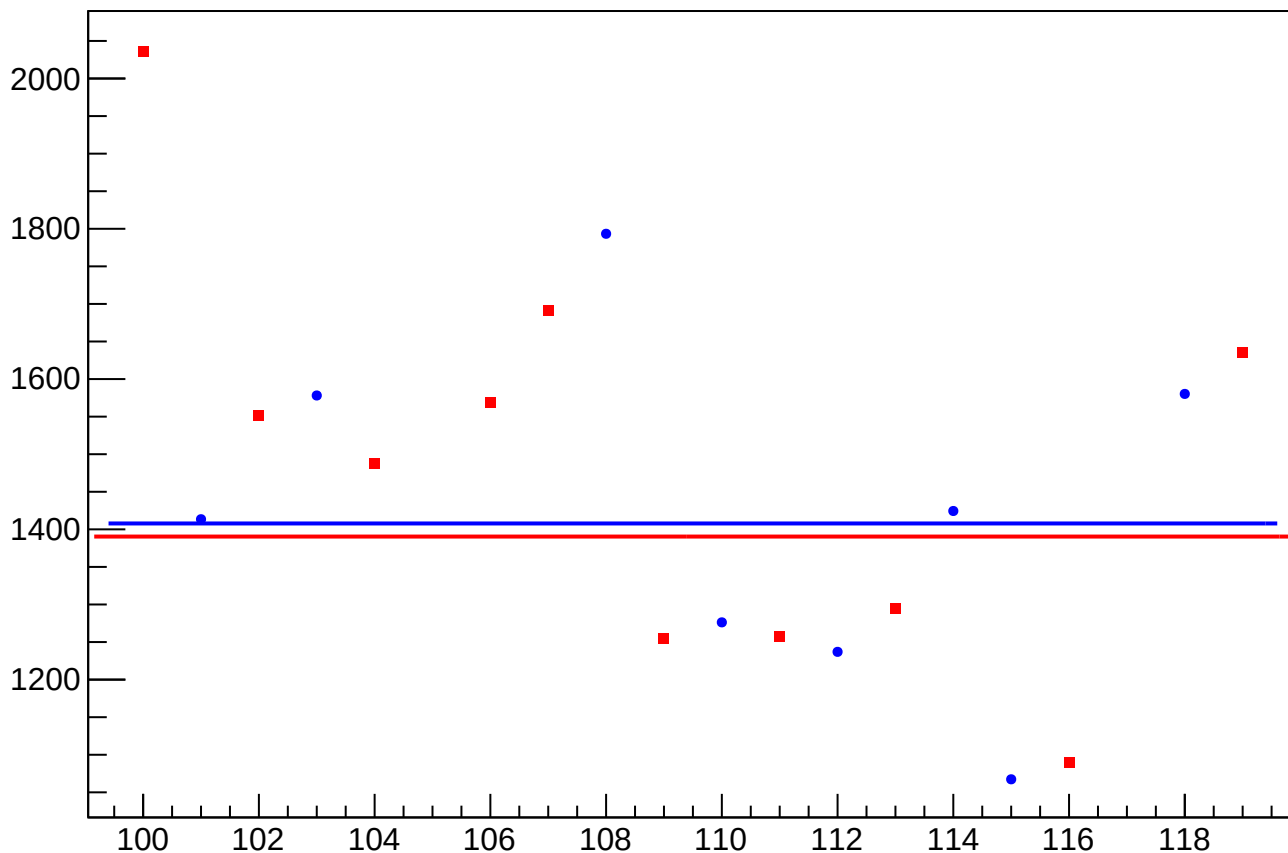
Right: 826.776+/-520.321 χ^2/NDF : 15.1/17

In: 264.864+/-779.633 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 826.776+/-520.321 χ^2/NDF : 15.1/17

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1407.832+/-0.551 χ^2/NDF : 119285.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.400+/-0.494 χ^2/NDF : 147948.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

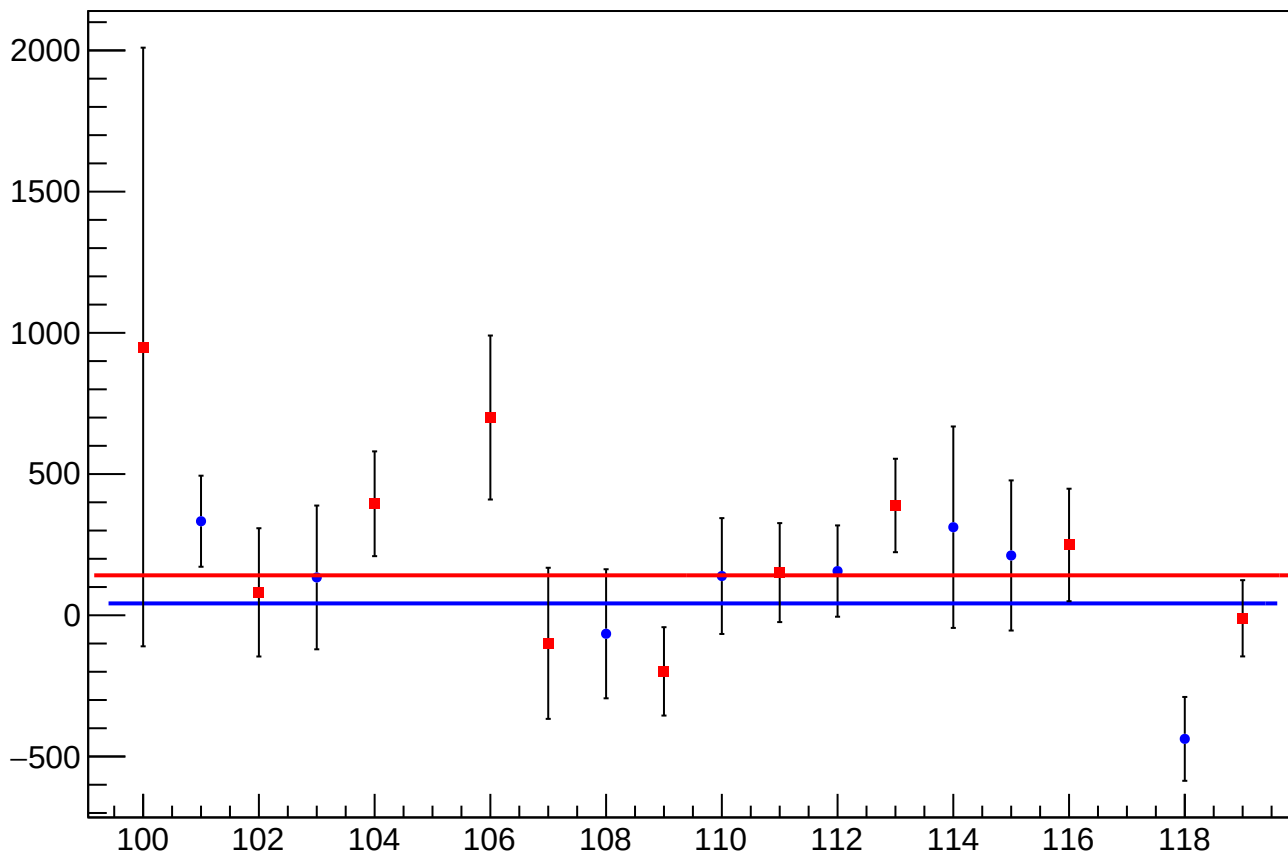
Right: 1398.165+/-0.368 χ^2/NDF : 267788.7/17

In: 1407.832+/-0.551 χ^2/NDF : 119285.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.165+/-0.368 χ^2/NDF : 267788.7/17

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.021+/-70.270 χ^2/NDF : 15.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.460+/-61.403 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

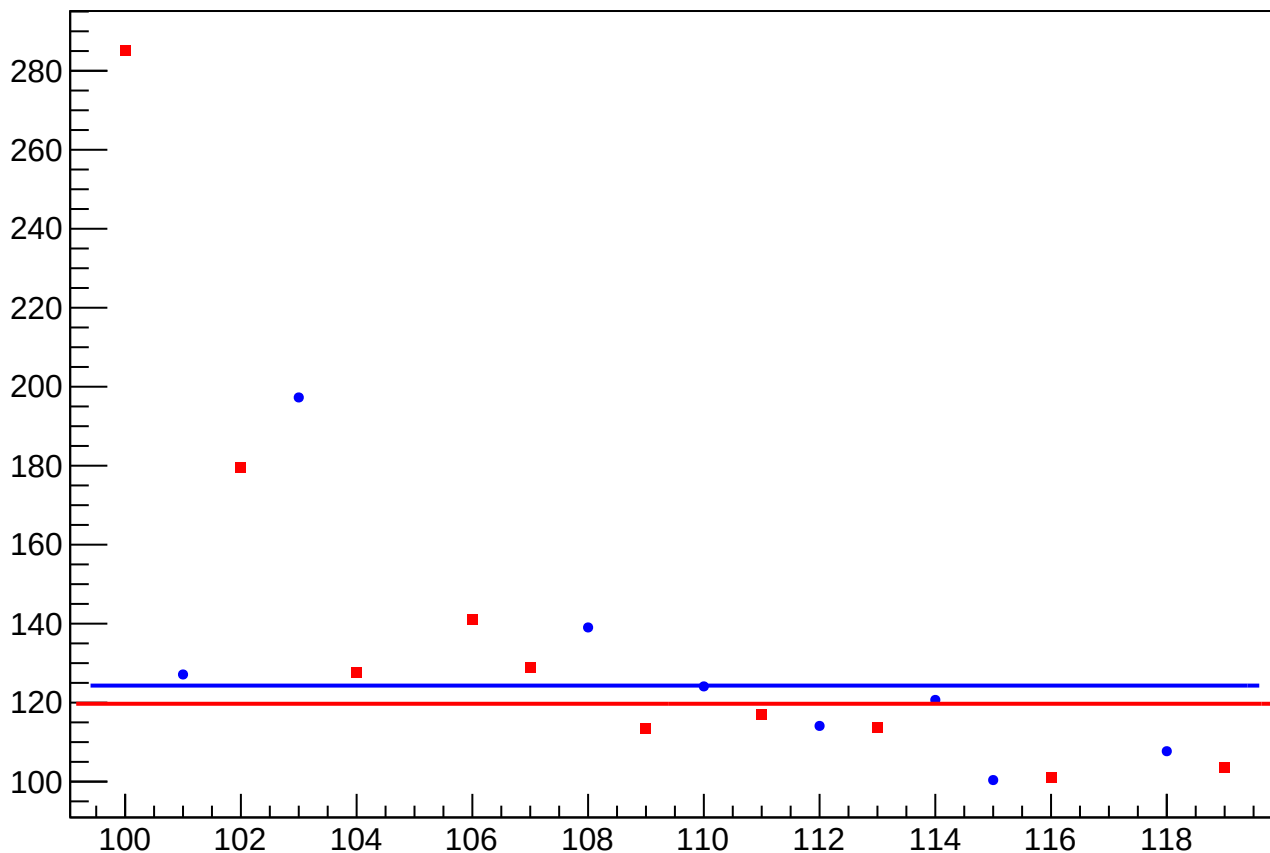
Right: 98.407+/-46.238 χ^2/NDF : 32.4/17

In: 42.021+/-70.270 χ^2/NDF : 15.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.407+/-46.238 χ^2/NDF : 32.4/17

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.315+/-0.050 χ^2/NDF : 222772.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.711+/-0.043 χ^2/NDF : 256821.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

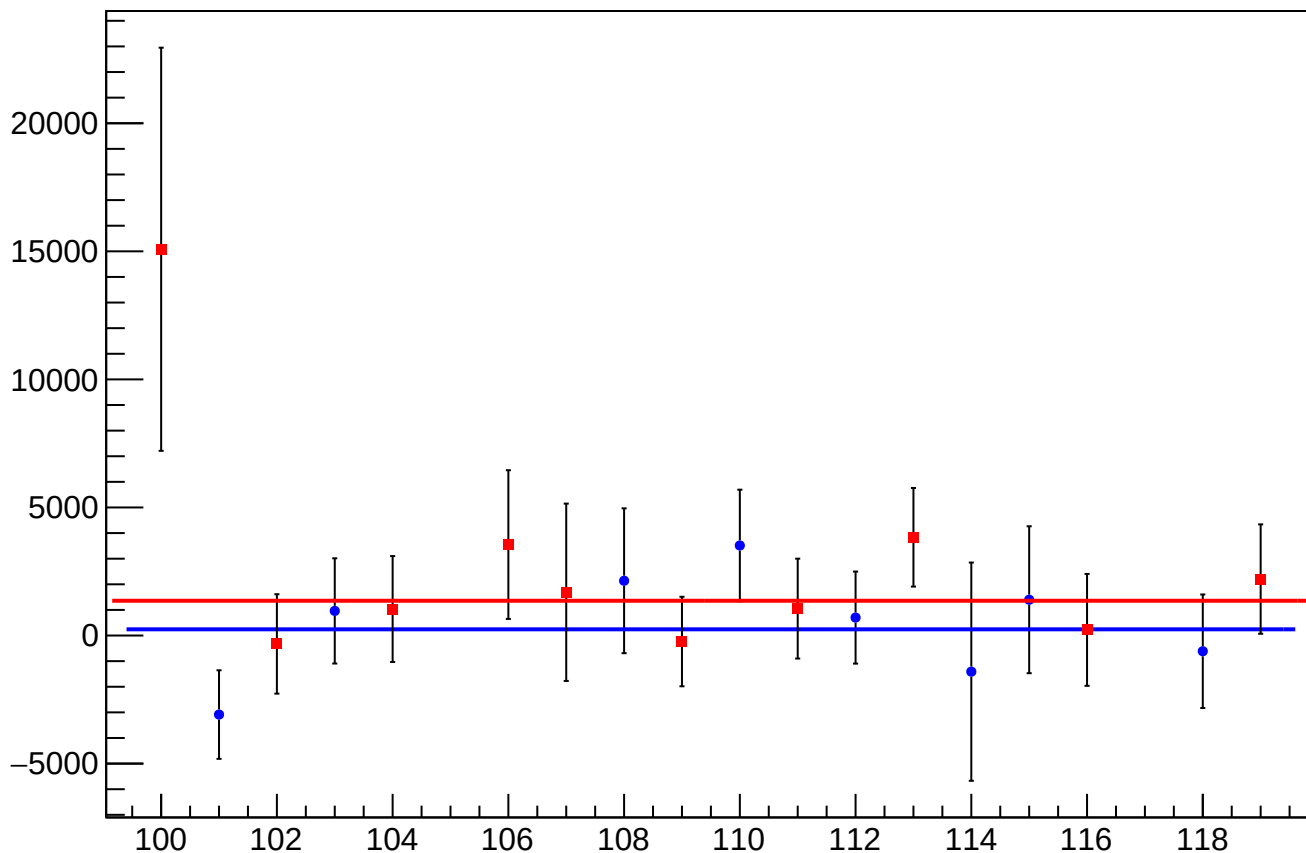
Right: 121.705+/-0.033 χ^2/NDF : 484462.0/17

In: 124.315+/-0.050 χ^2/NDF : 222772.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.705+/-0.033 χ^2/NDF : 484462.0/17

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.561+/-791.173 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.753+/-705.928 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

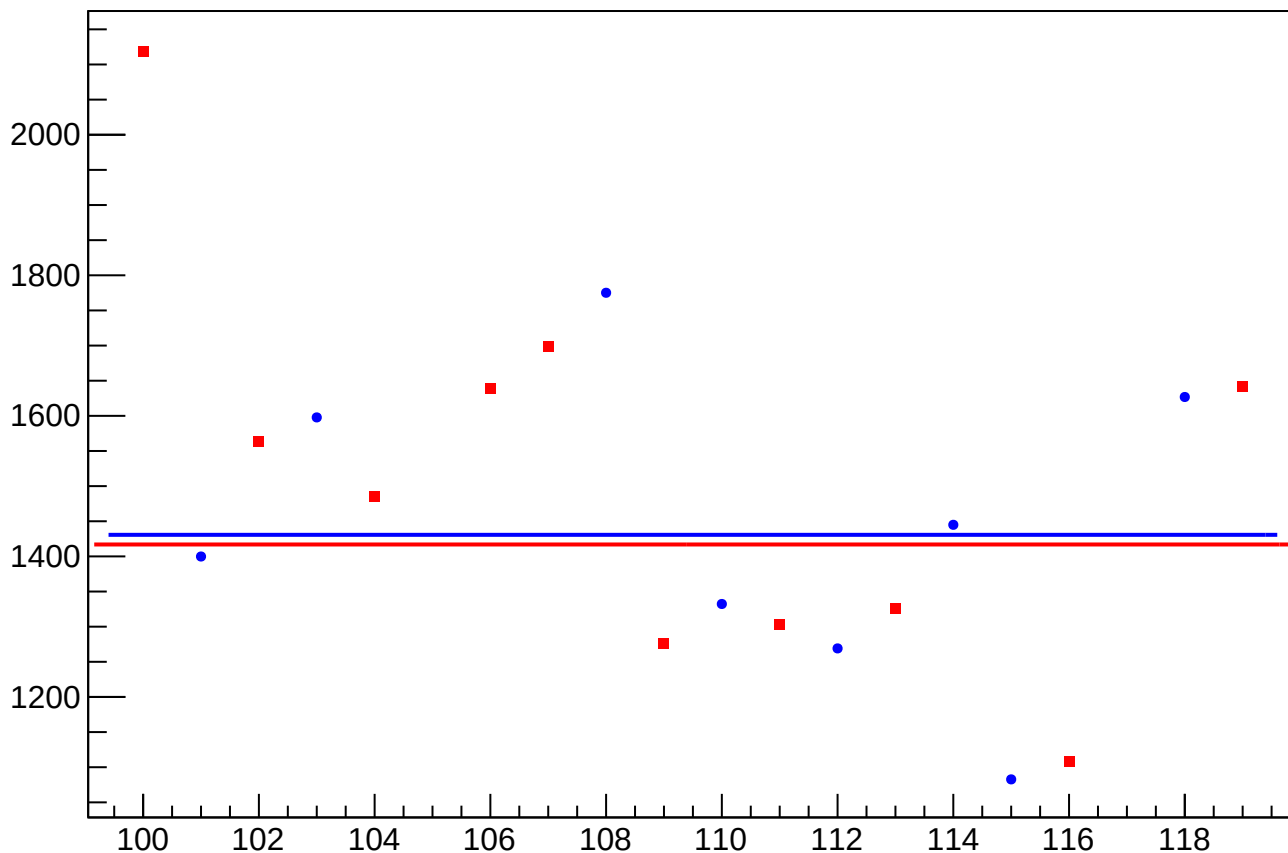
Right: 863.452+/-526.736 χ^2/NDF : 15.5/17

In: 242.561+/-791.173 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.452+/-526.736 χ^2/NDF : 15.5/17

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1430.693+/-0.559 χ^2/NDF : 108943.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.956+/-0.499 χ^2/NDF : 140588.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

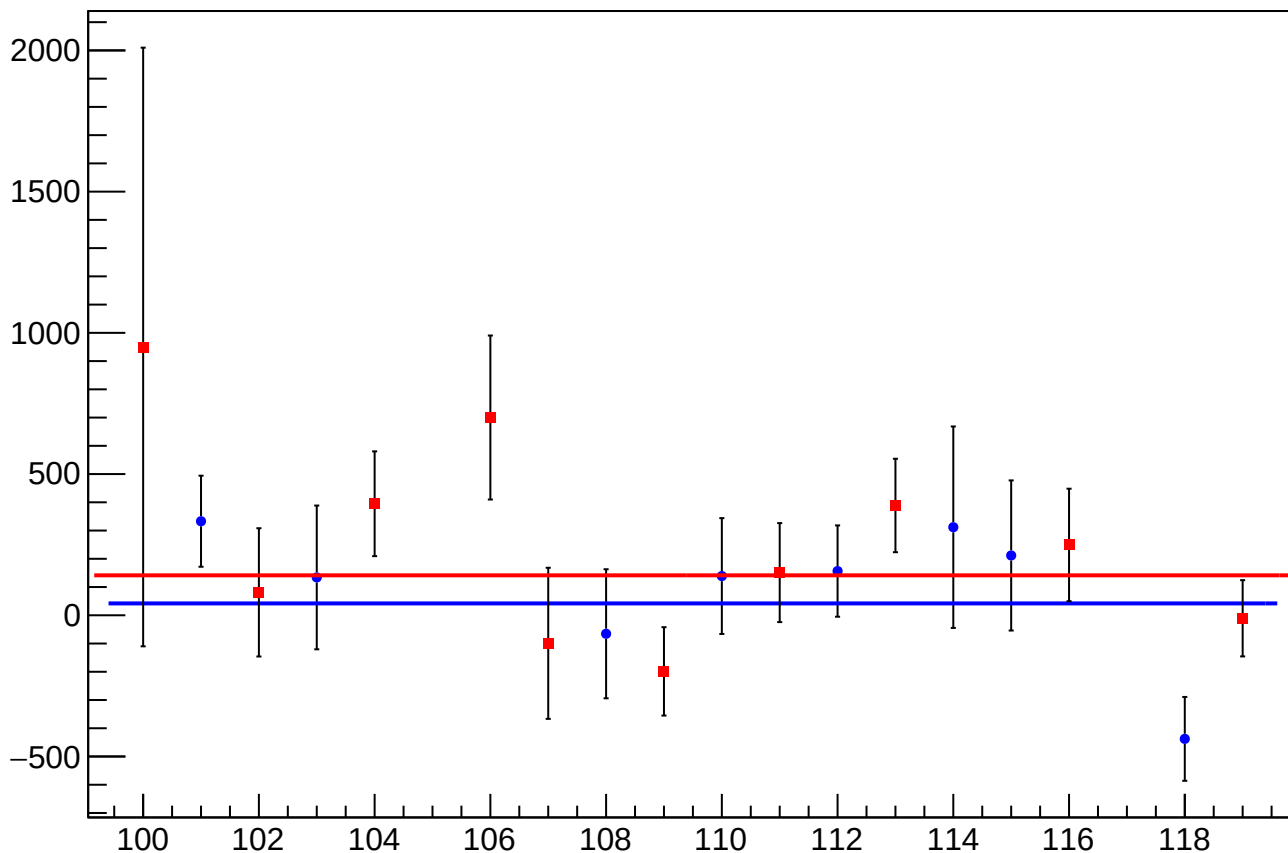
Right: 1423.045+/-0.372 χ^2/NDF : 249867.2/17

In: 1430.693+/-0.559 χ^2/NDF : 108943.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.045+/-0.372 χ^2/NDF : 249867.2/17

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 42.019+/-70.270 χ^2/NDF : 15.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.458+/-61.403 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

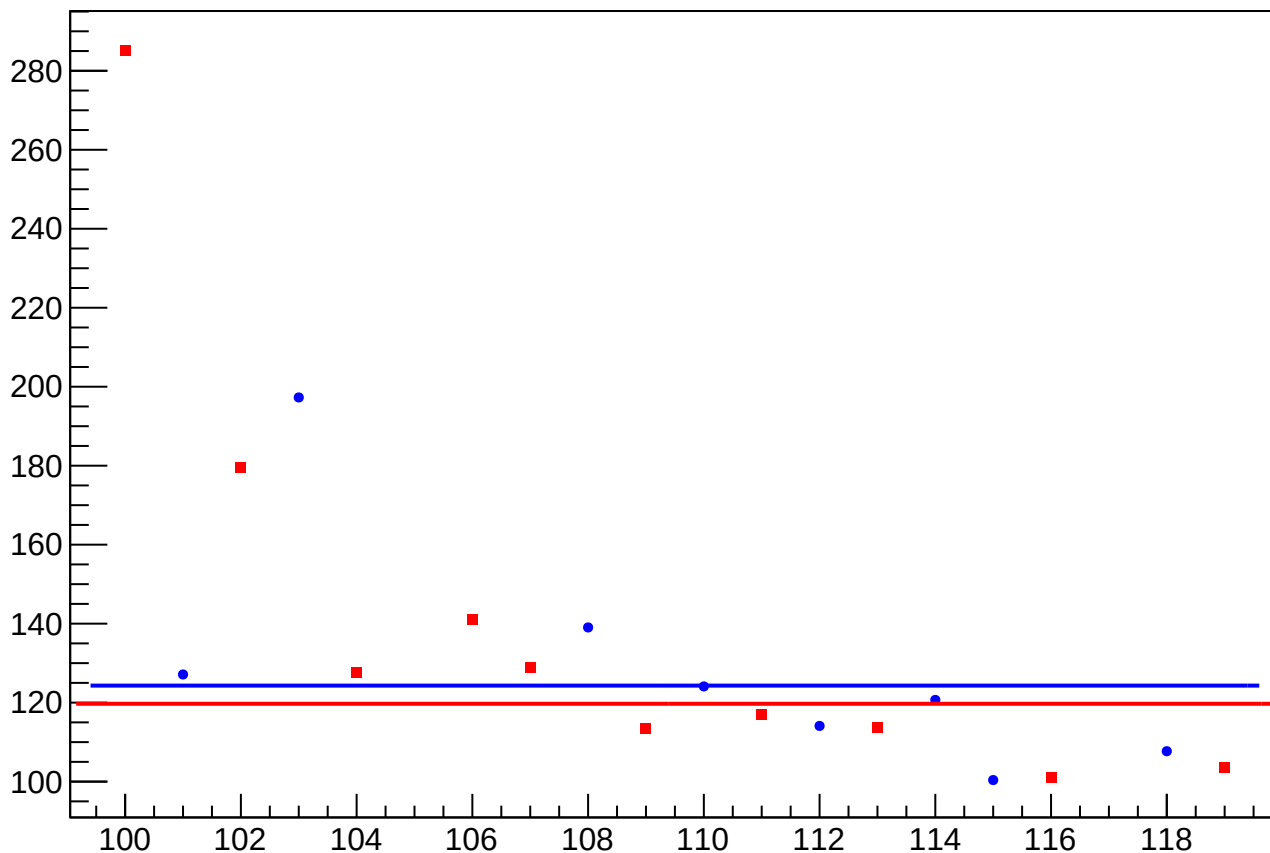
Right: 98.404+/-46.237 χ^2/NDF : 32.4/17

In: 42.019+/-70.270 χ^2/NDF : 15.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.404+/-46.237 χ^2/NDF : 32.4/17

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 124.314+/-0.050 χ^2/NDF : 222776.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.710+/-0.043 χ^2/NDF : 256822.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

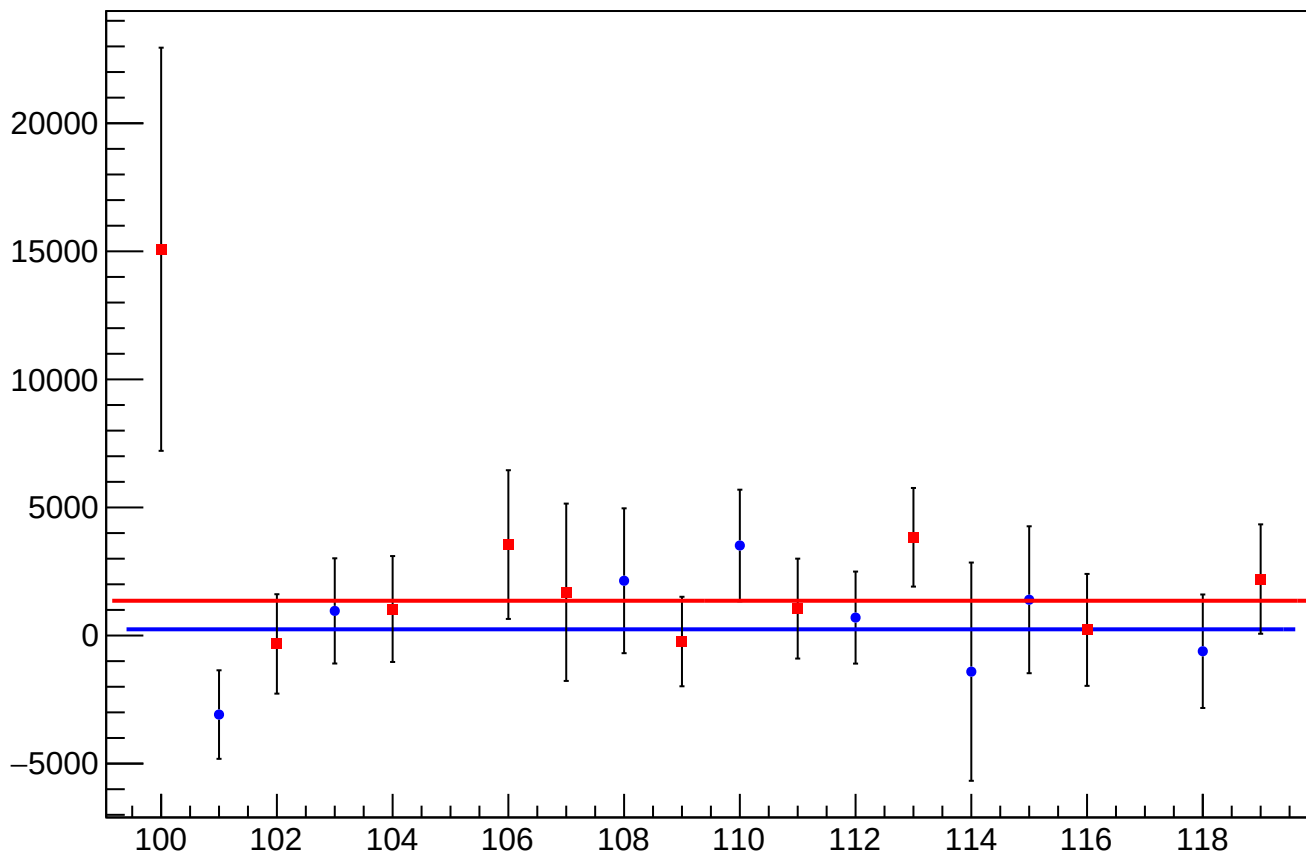
Right: 121.704+/-0.033 χ^2/NDF : 484466.0/17

In: 124.314+/-0.050 χ^2/NDF : 222776.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.704+/-0.033 χ^2/NDF : 484466.0/17

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 242.563+/-791.171 χ^2/NDF : 7.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.750+/-705.926 χ^2/NDF : 7.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

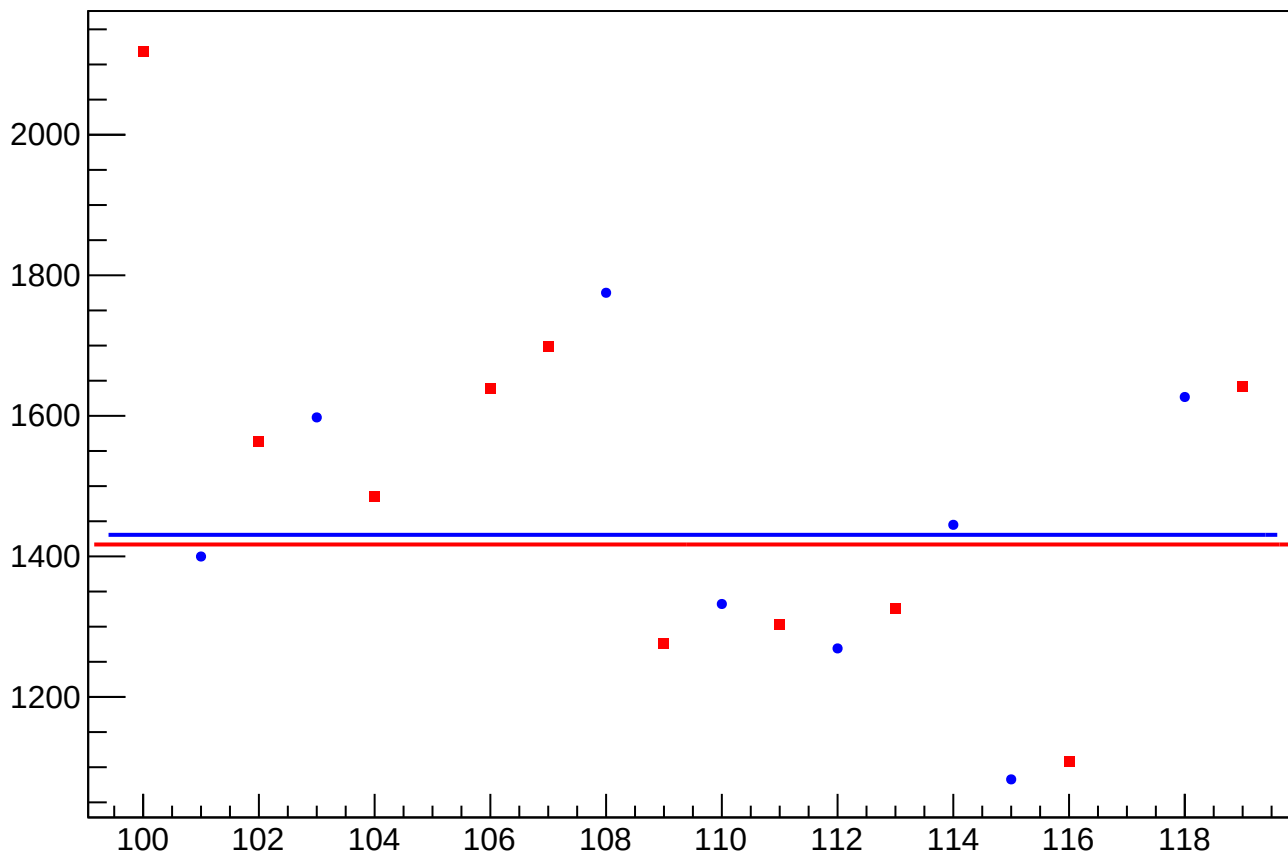
Right: 863.451+/-526.734 χ^2/NDF : 15.5/17

In: 242.563+/-791.171 χ^2/NDF : 7.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.451+/-526.734 χ^2/NDF : 15.5/17

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1430.688+/-0.559 χ^2/NDF : 108944.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1416.951+/-0.499 χ^2/NDF : 140589.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

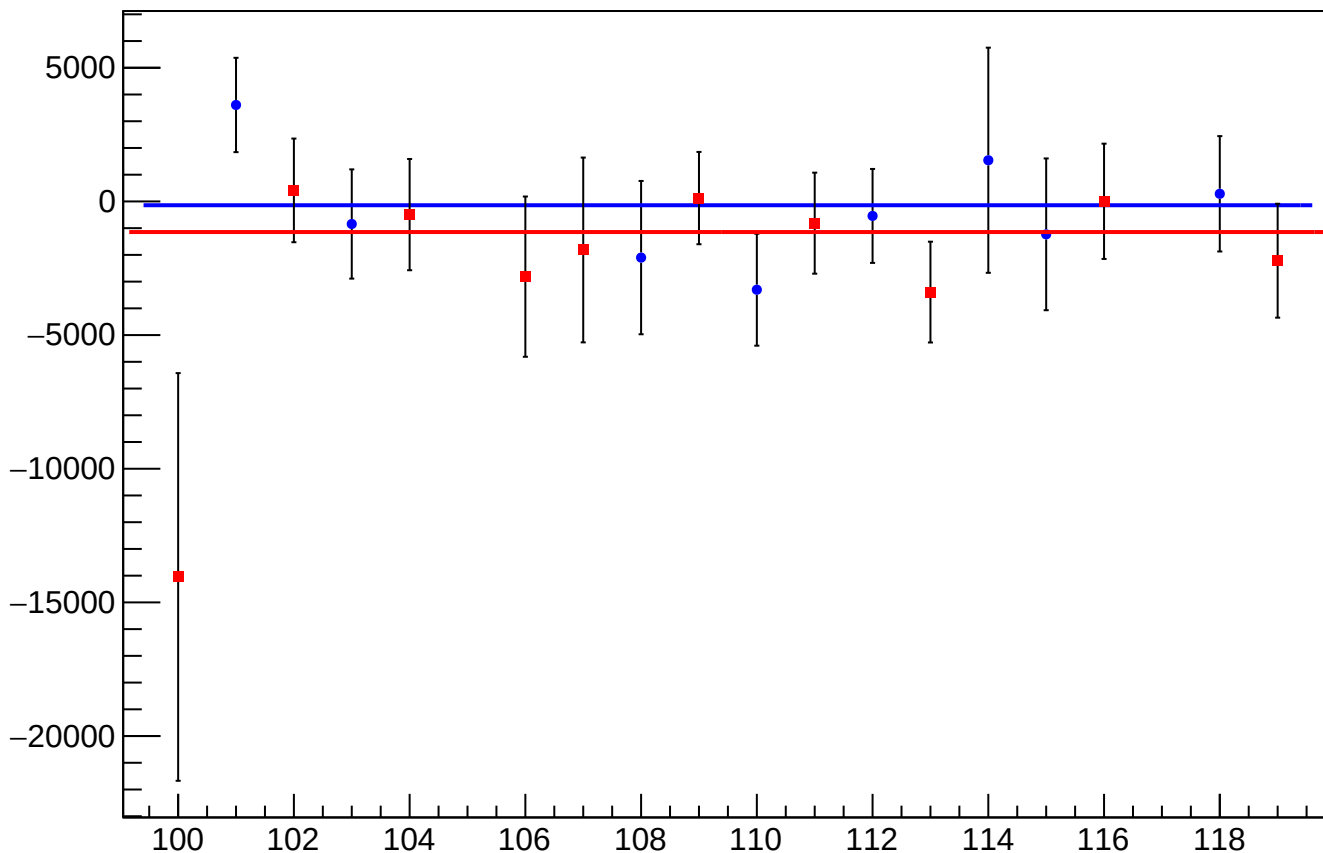
Right: 1423.040+/-0.372 χ^2/NDF : 249869.6/17

In: 1430.688+/-0.559 χ^2/NDF : 108944.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.040+/-0.372 χ^2/NDF : 249869.6/17

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -142.467 ± 783.337 χ^2/NDF : 7.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1145.487 ± 699.905 χ^2/NDF : 6.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

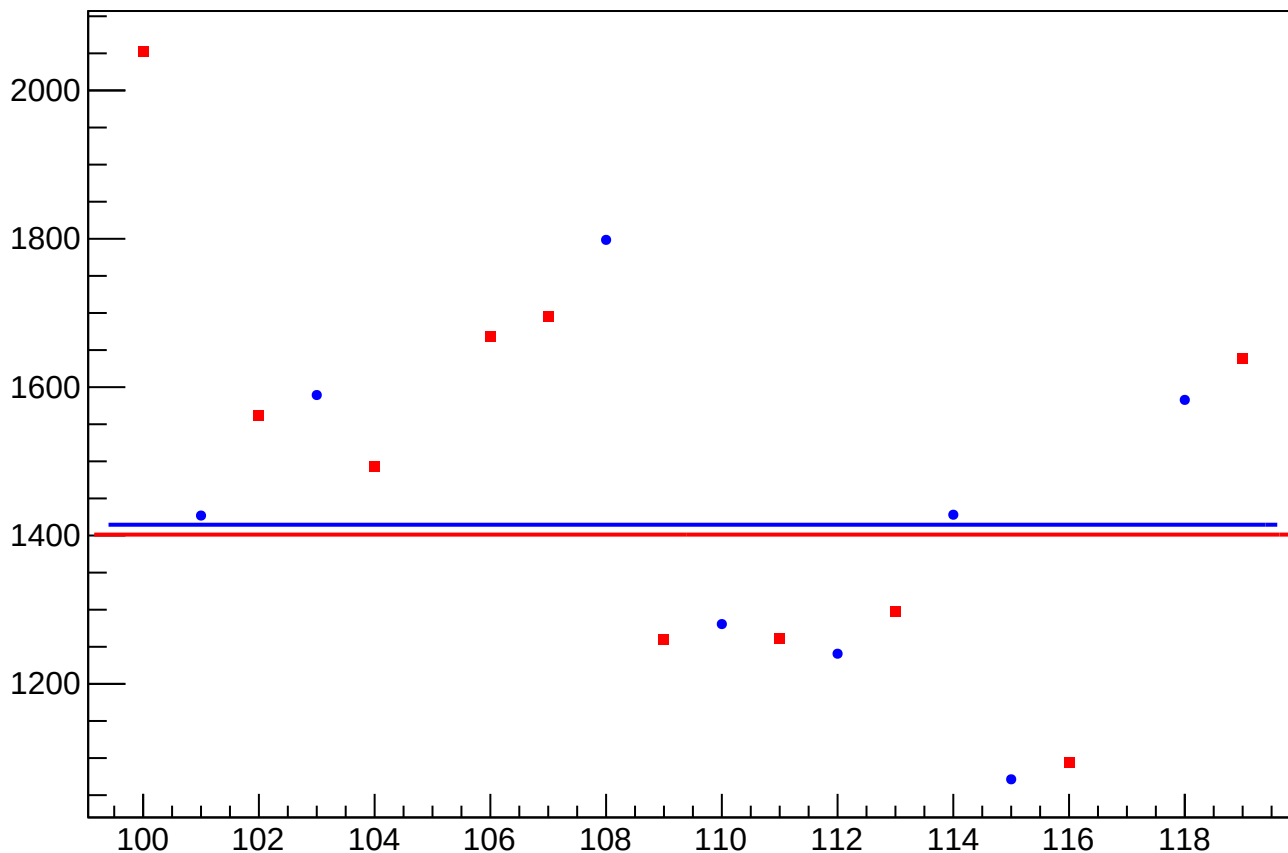
Right: -700.218 ± 521.921 χ^2/NDF : 15.2/17

In: -142.467 ± 783.337 χ^2/NDF : 7.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -700.218 ± 521.921 χ^2/NDF : 15.2/17

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1414.557+/-0.554 χ^2/NDF : 119785.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1401.246+/-0.495 χ^2/NDF : 158411.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

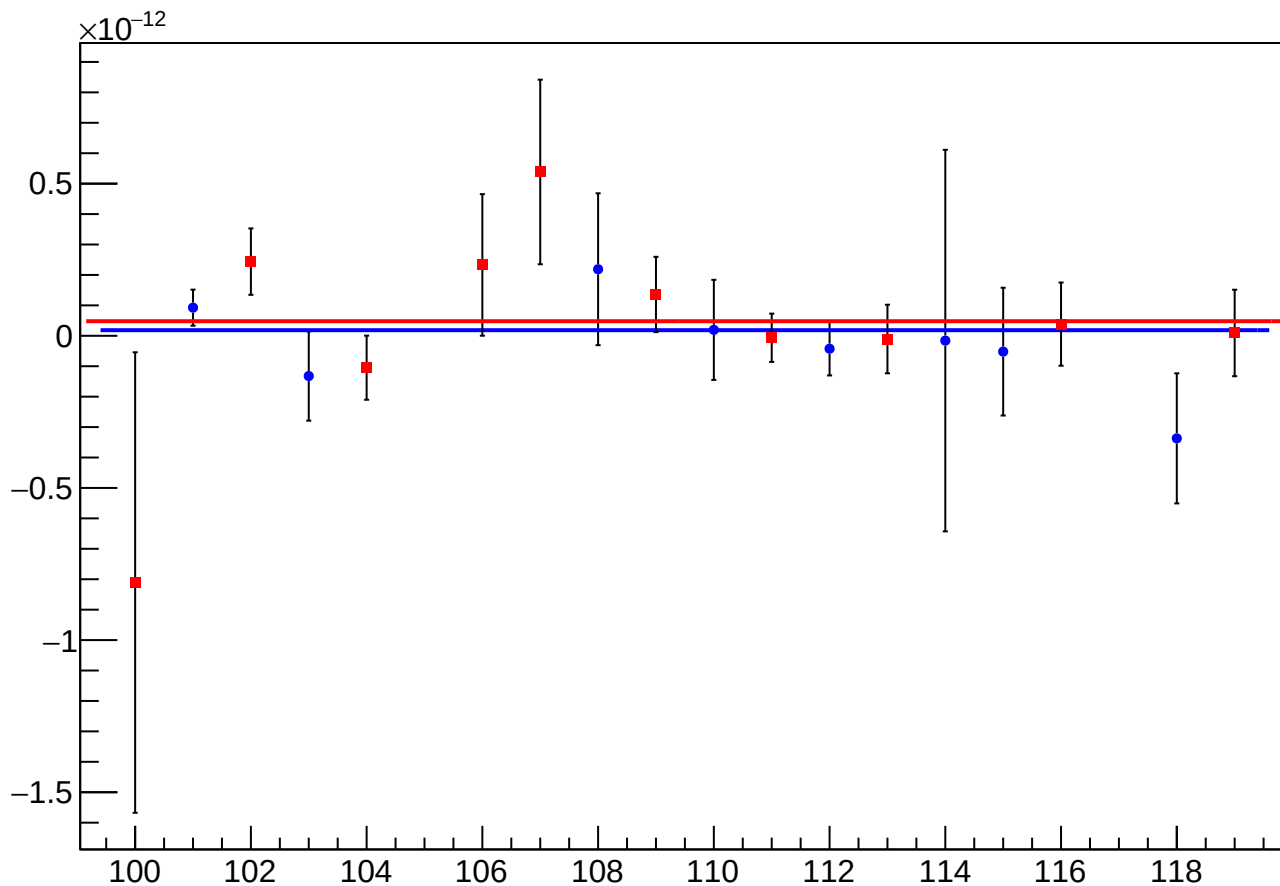
Right: 1407.155+/-0.369 χ^2/NDF : 278518.5/17

In: 1414.557+/-0.554 χ^2/NDF : 119785.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.155+/-0.369 χ^2/NDF : 278518.5/17

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

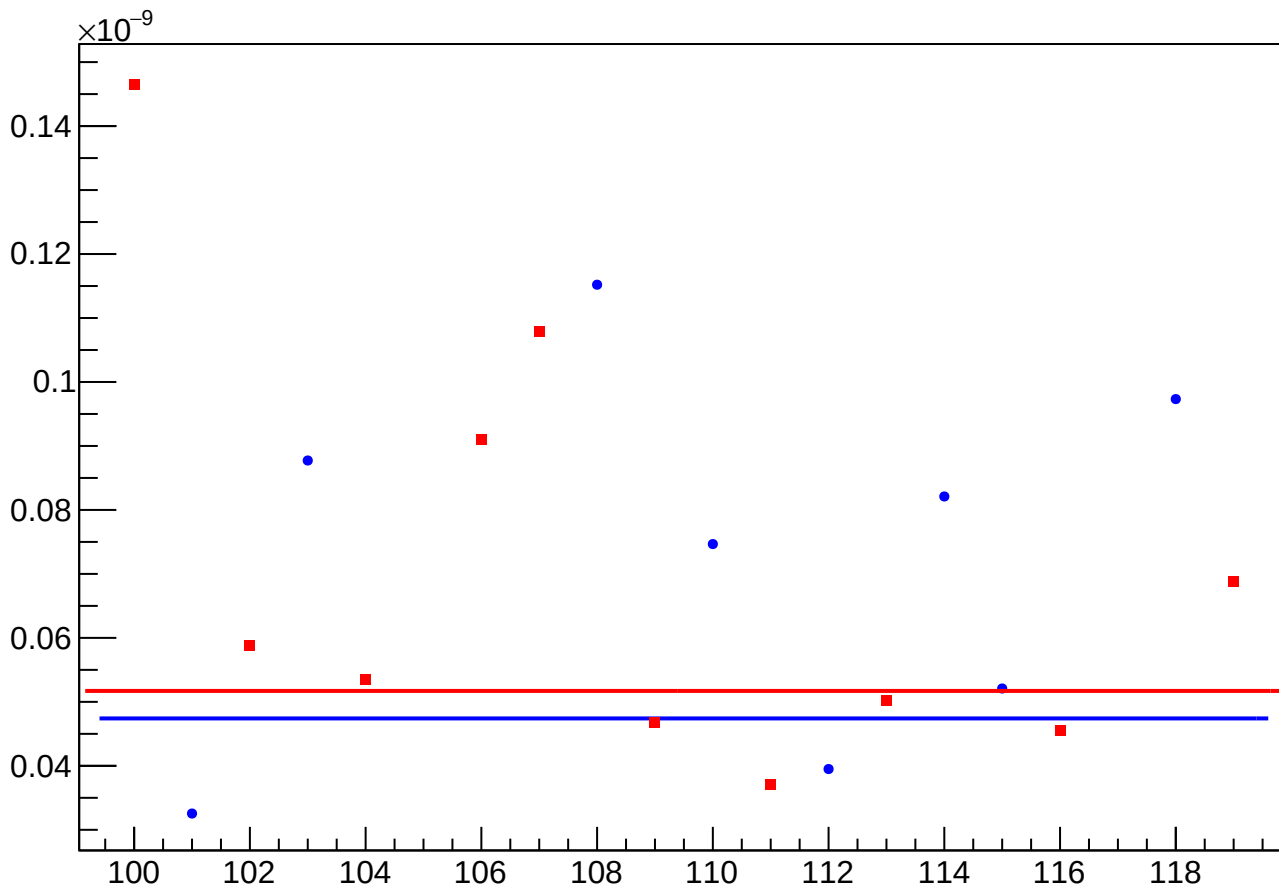
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/17

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/17

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 611800.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 270085.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

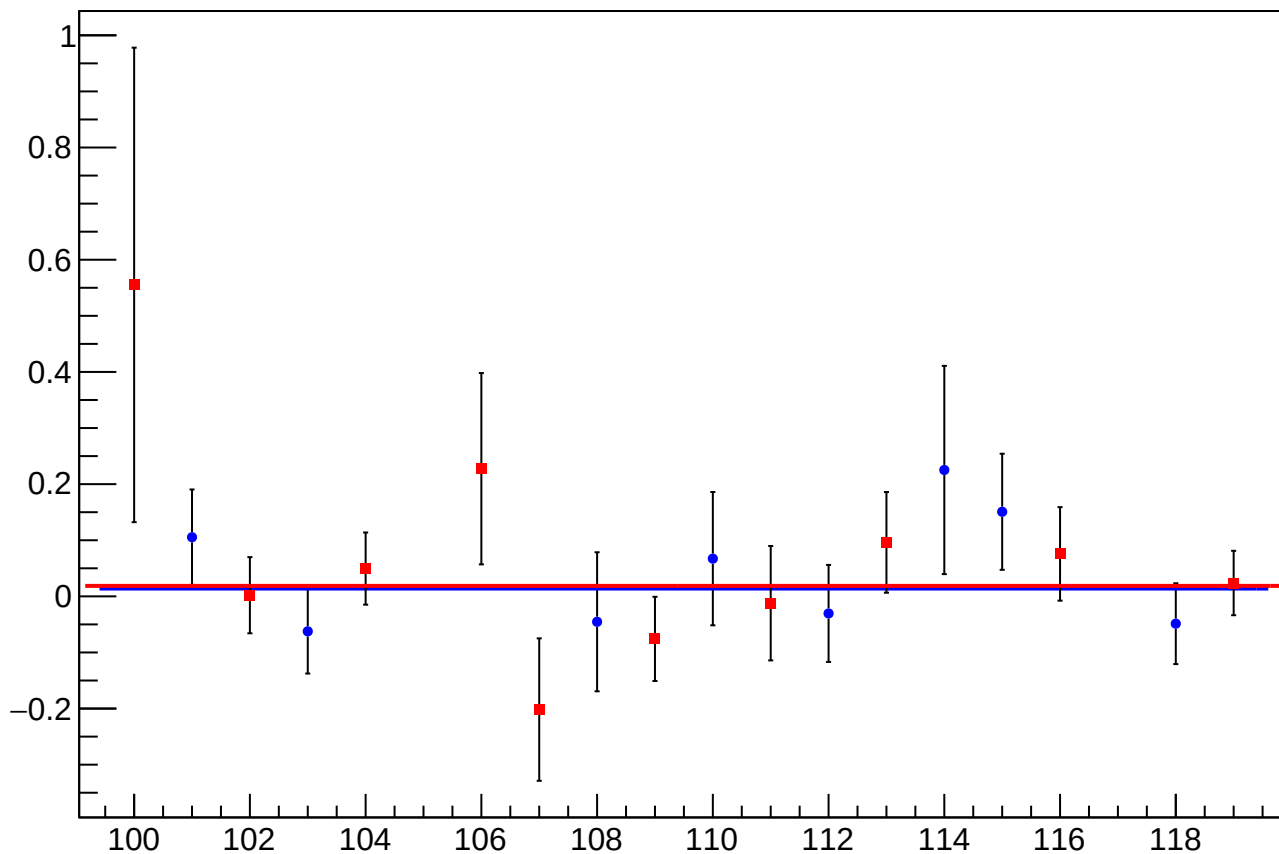
Right: 0.000+/-0.000 χ^2/NDF : 892694.7/17

In: 0.000+/-0.000 χ^2/NDF : 611800.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 892694.7/17

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

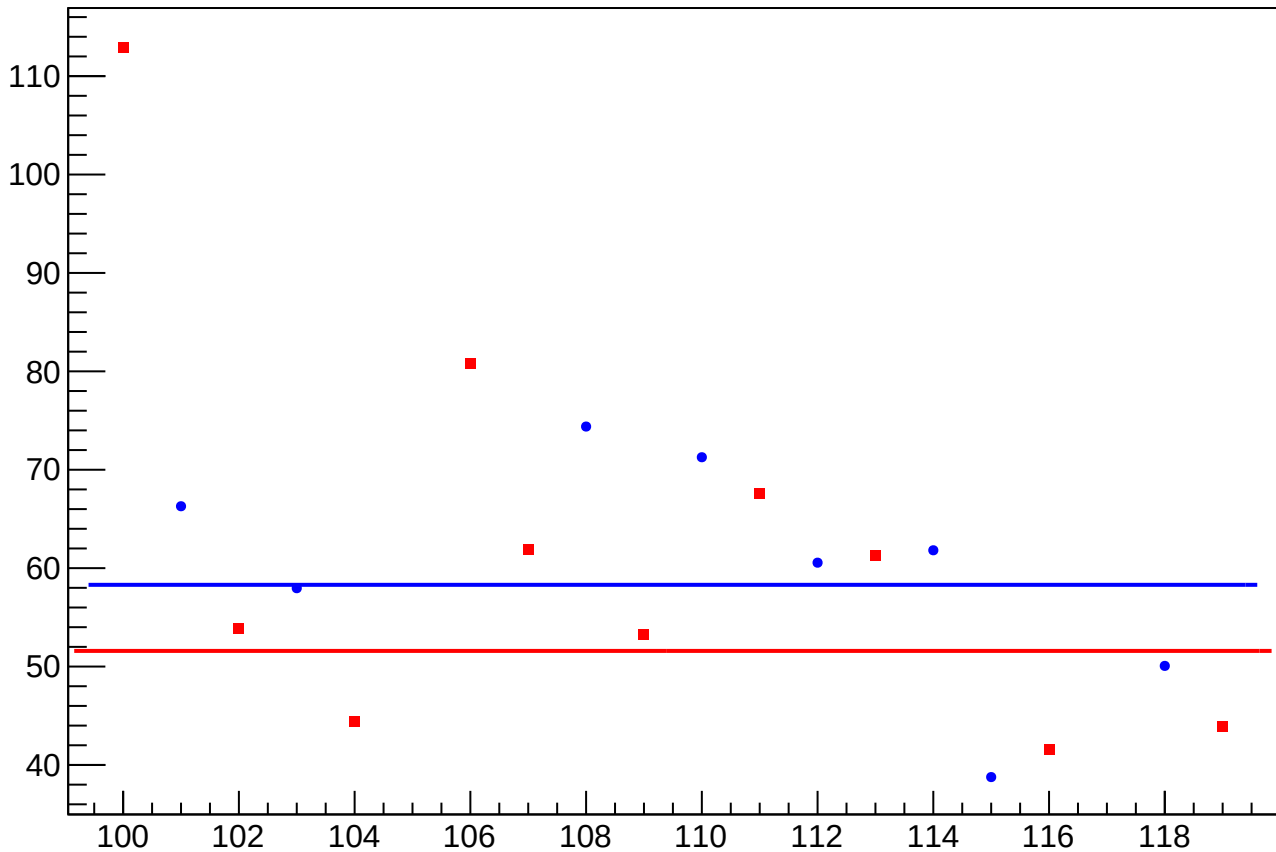
Right: 0.017+/-0.021 χ^2/NDF : 16.0/17

In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.021 χ^2/NDF : 16.0/17

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.306+/-0.024 χ^2/NDF : 174729.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.590+/-0.019 χ^2/NDF : 279326.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

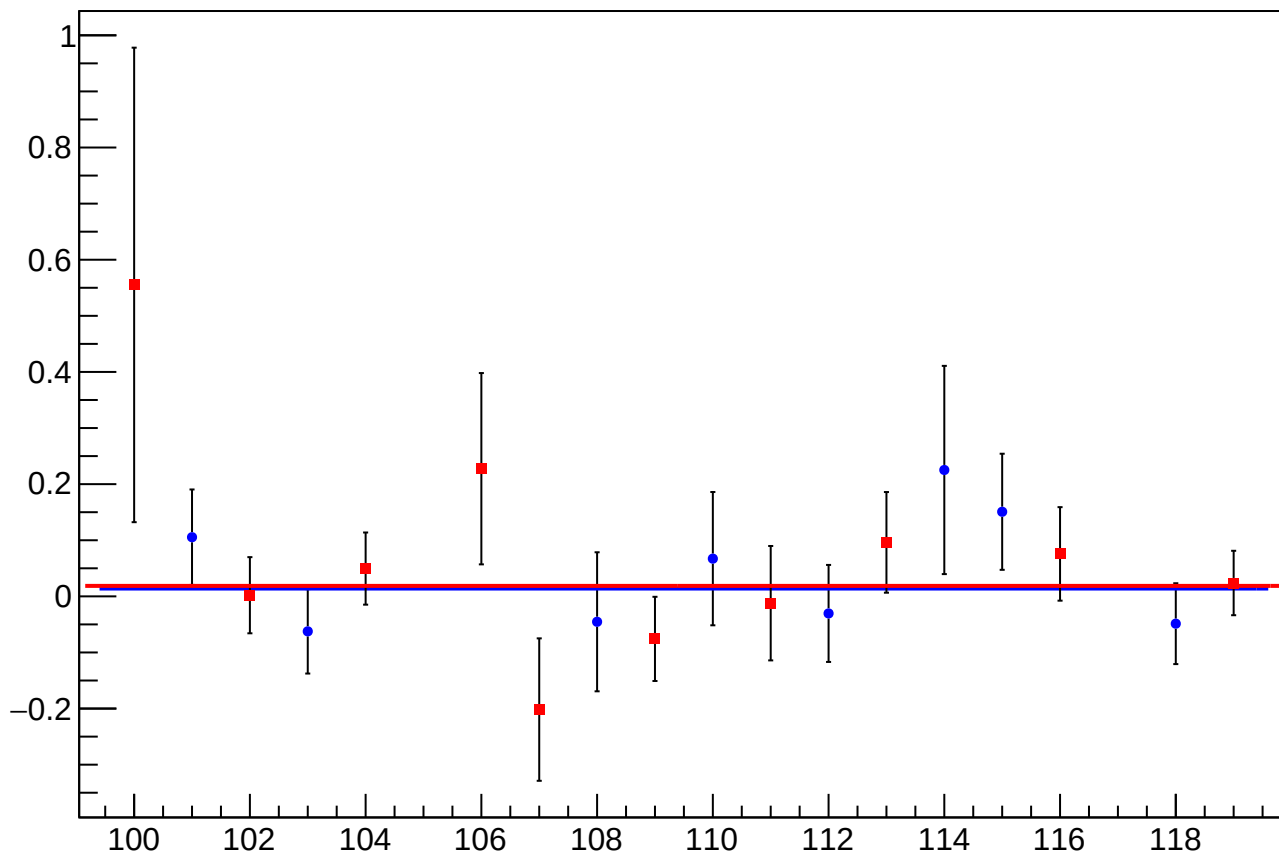
Right: 54.210+/-0.015 χ^2/NDF : 503551.5/17

In: 58.306+/-0.024 χ^2/NDF : 174729.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.210+/-0.015 χ^2/NDF : 503551.5/17

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

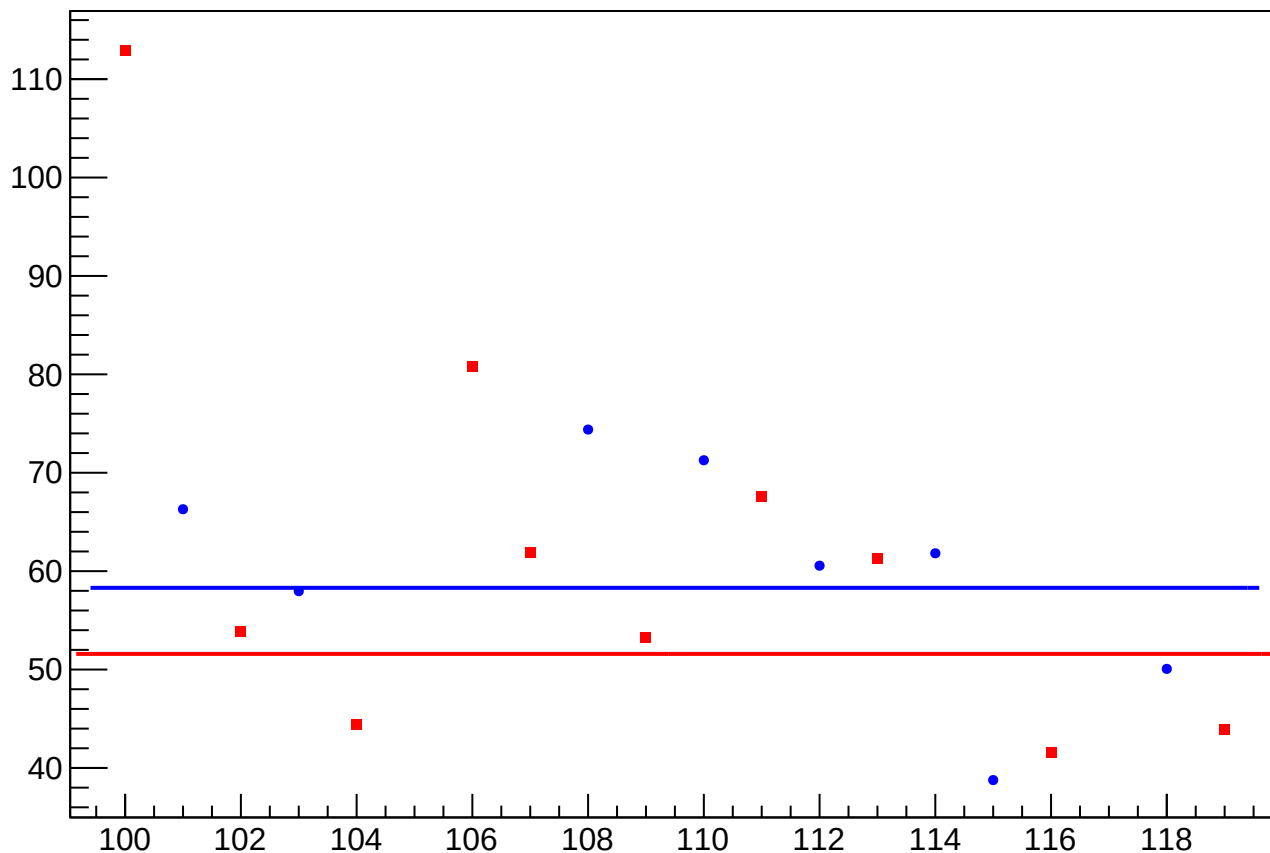
Right: 0.017+/-0.021 χ^2/NDF : 16.0/17

In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.021 χ^2/NDF : 16.0/17

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.306 $\pm$ 0.024 χ^2 /NDF: 174729.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 51.590 $\pm$ 0.019 χ^2 /NDF: 279326.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

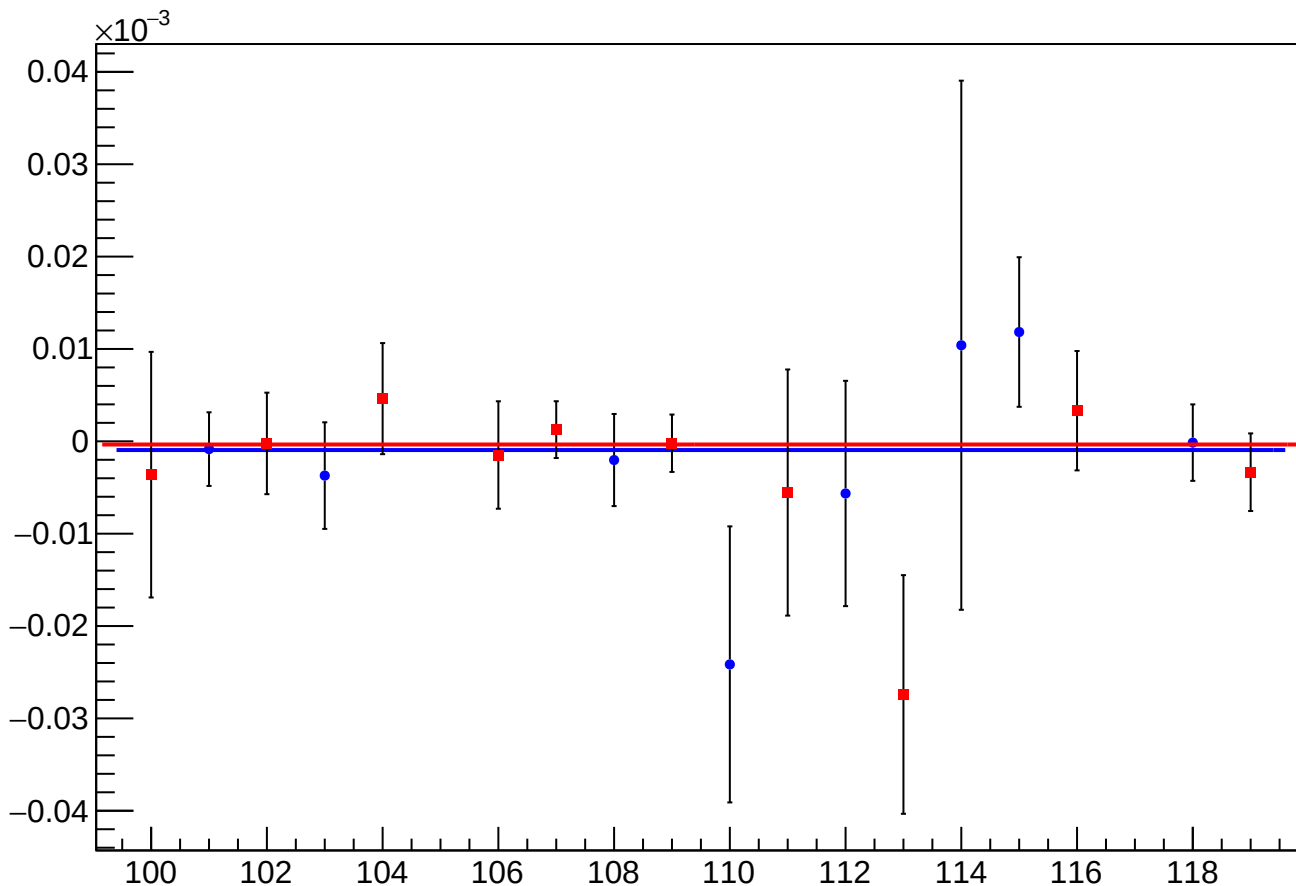
Right: 54.210 $\pm$ 0.015 χ^2 /NDF: 503551.5/17

In: 58.306 $\pm$ 0.024 χ^2 /NDF:174729.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.210 $\pm$ 0.015 χ^2 /NDF: 503551.5/17

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 5.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

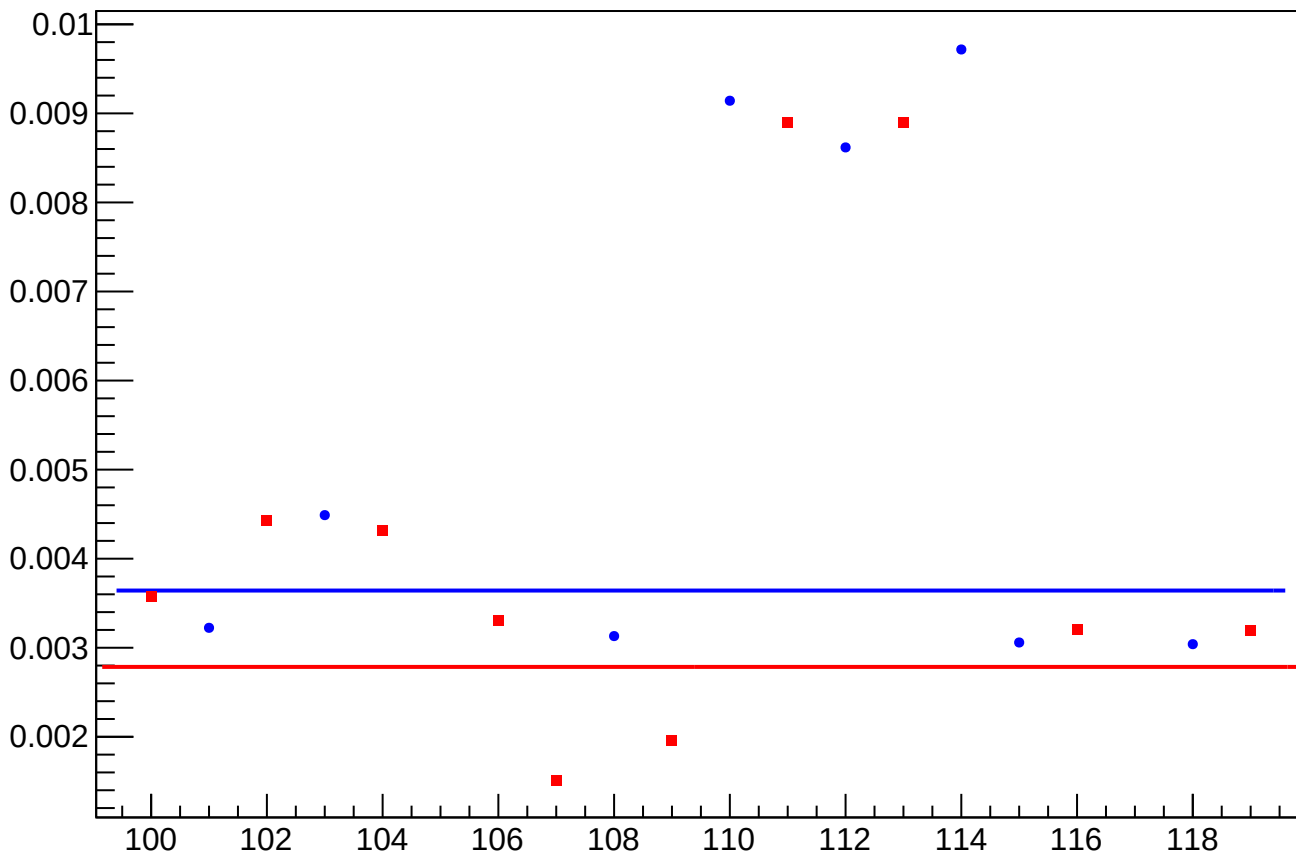
Right: -0.000+/-0.000 χ^2/NDF : 12.0/17

In: -0.000+/-0.000 χ^2/NDF : 5.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.0/17

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 832493.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1713622.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

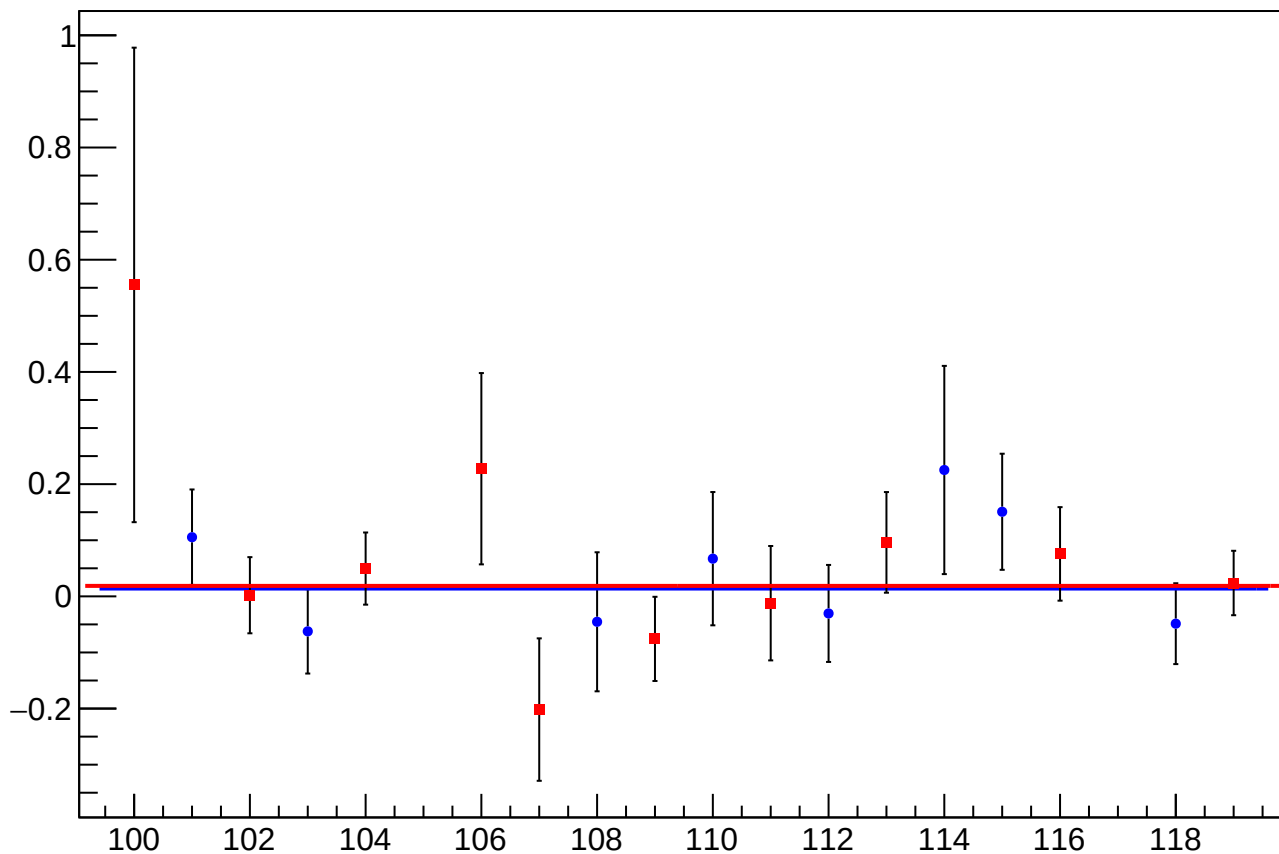
Right: 0.003+/-0.000 χ^2/NDF : 2753873.6/17

In: 0.004+/-0.000 χ^2/NDF : 832493.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2753873.6/17

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.033 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.027 χ^2 /NDF: 9.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

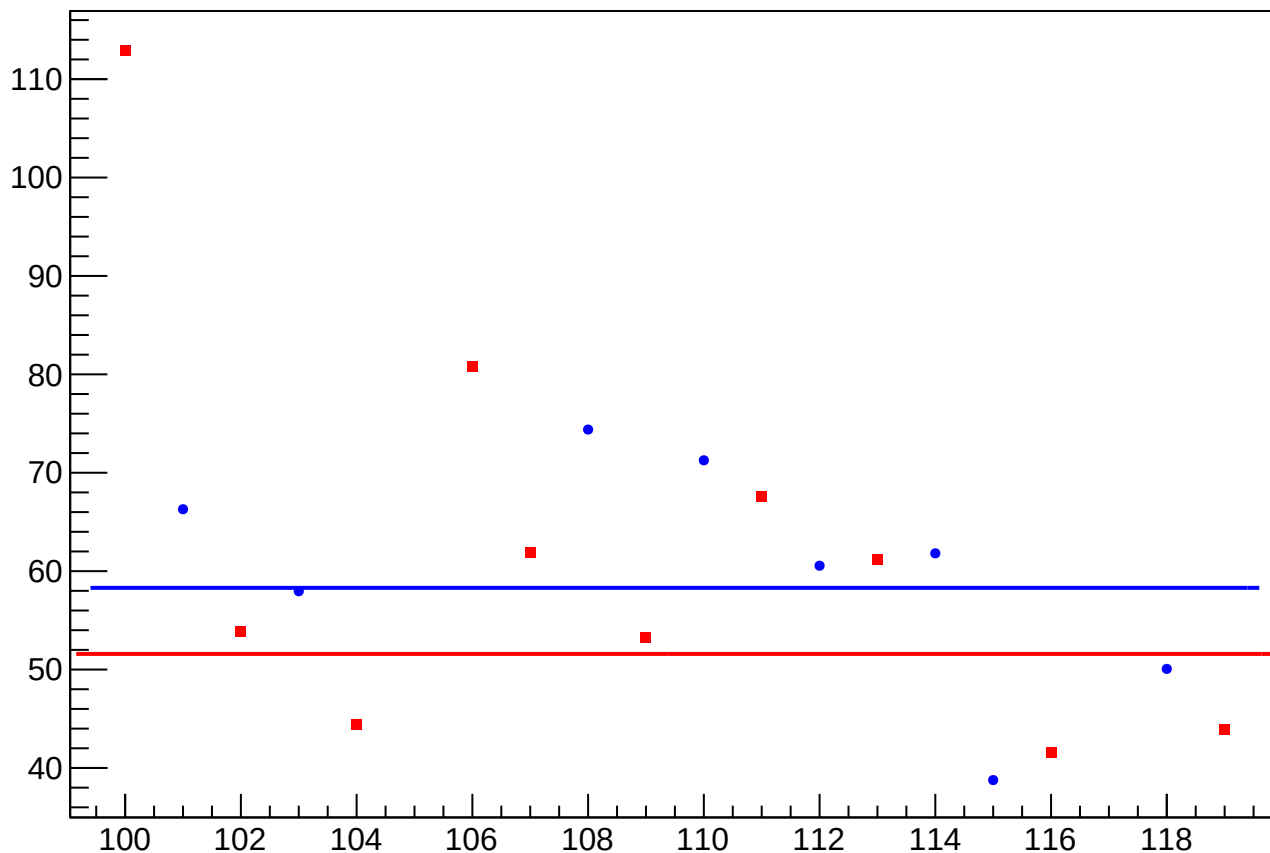
Right: 0.017 $\pm$ 0.021 χ^2 /NDF: 16.0/17

In: 0.014 $\pm$ 0.033 χ^2 /NDF:6.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.021 χ^2 /NDF: 16.0/17

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.305+/-0.024 χ^2/NDF : 174709.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.589+/-0.019 χ^2/NDF : 279273.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

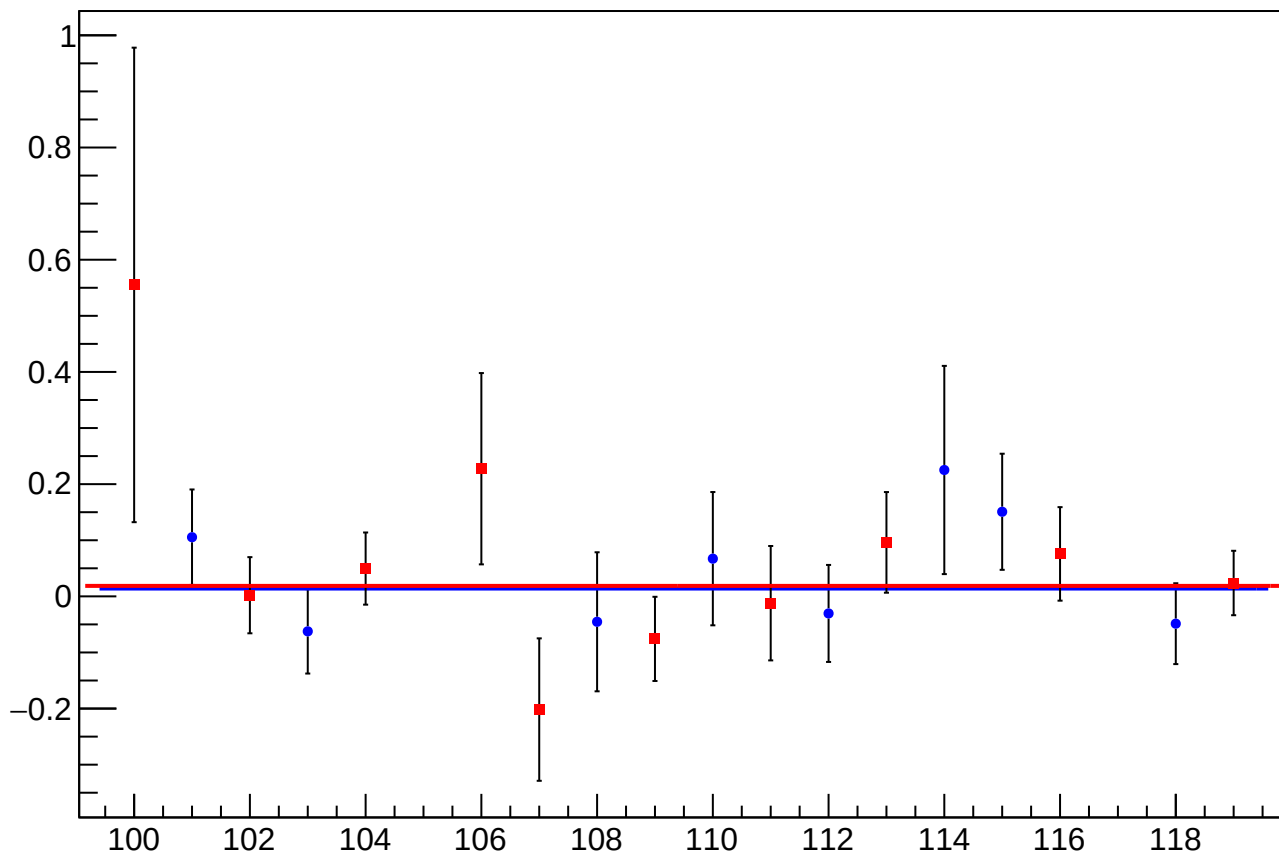
Right: 54.209+/-0.015 χ^2/NDF : 503474.5/17

In: 58.305+/-0.024 χ^2/NDF : 174709.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.209+/-0.015 χ^2/NDF : 503474.5/17

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.019+/-0.027 χ^2/NDF : 9.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

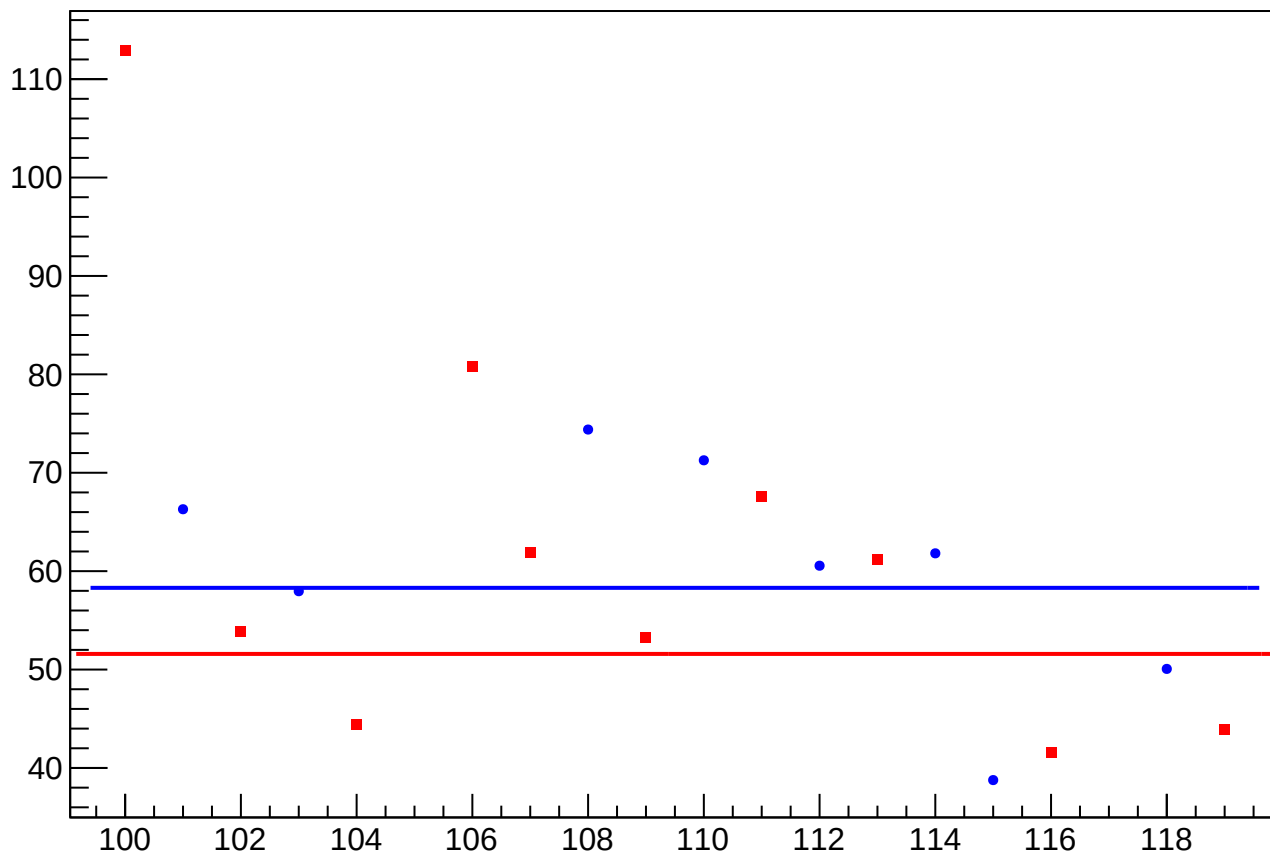
Right: 0.017+/-0.021 χ^2/NDF : 16.0/17

In: 0.014+/-0.033 χ^2/NDF : 6.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.021 χ^2/NDF : 16.0/17

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.305+/-0.024 χ^2/NDF : 174709.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.589+/-0.019 χ^2/NDF : 279273.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

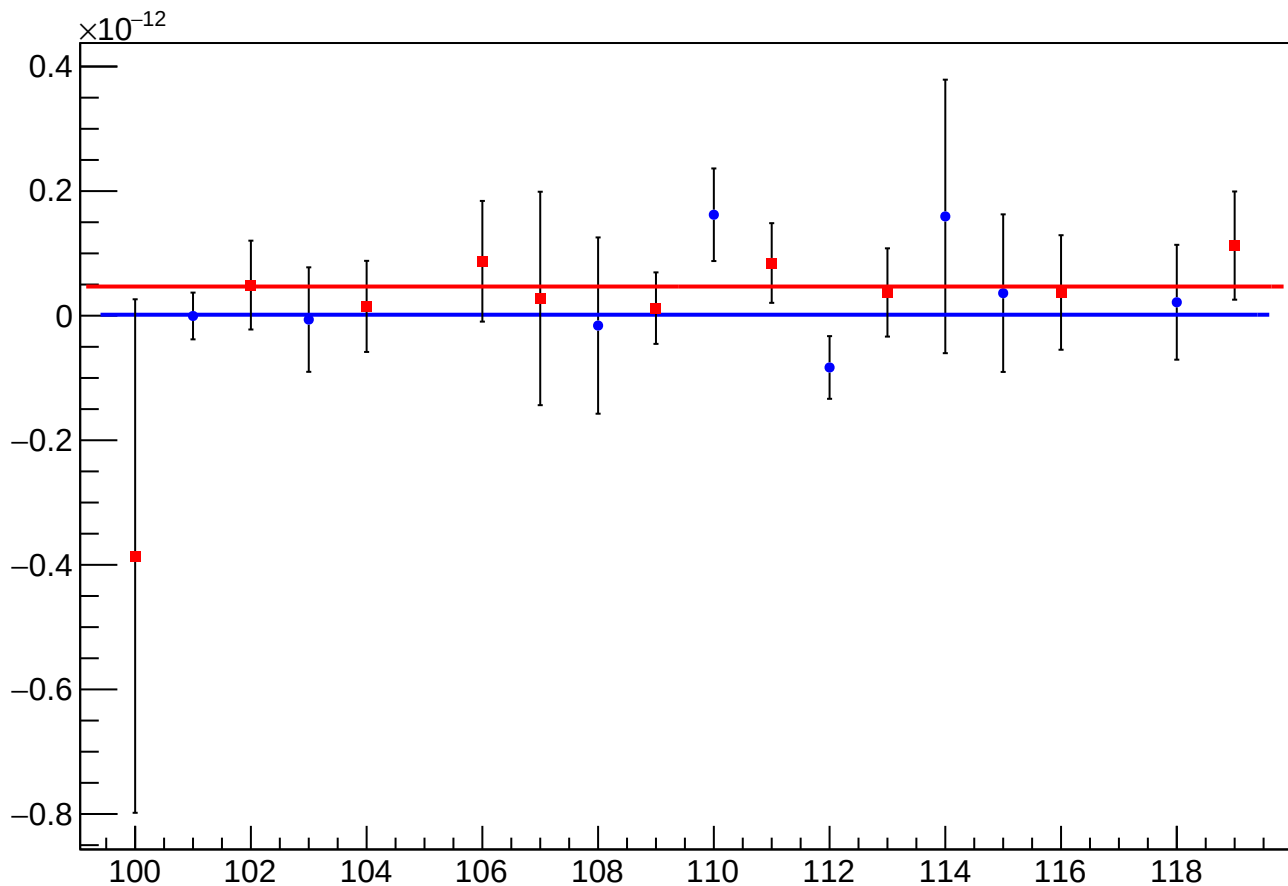
Right: 54.209+/-0.015 χ^2/NDF : 503474.5/17

In: 58.305+/-0.024 χ^2/NDF : 174709.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.209+/-0.015 χ^2/NDF : 503474.5/17

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

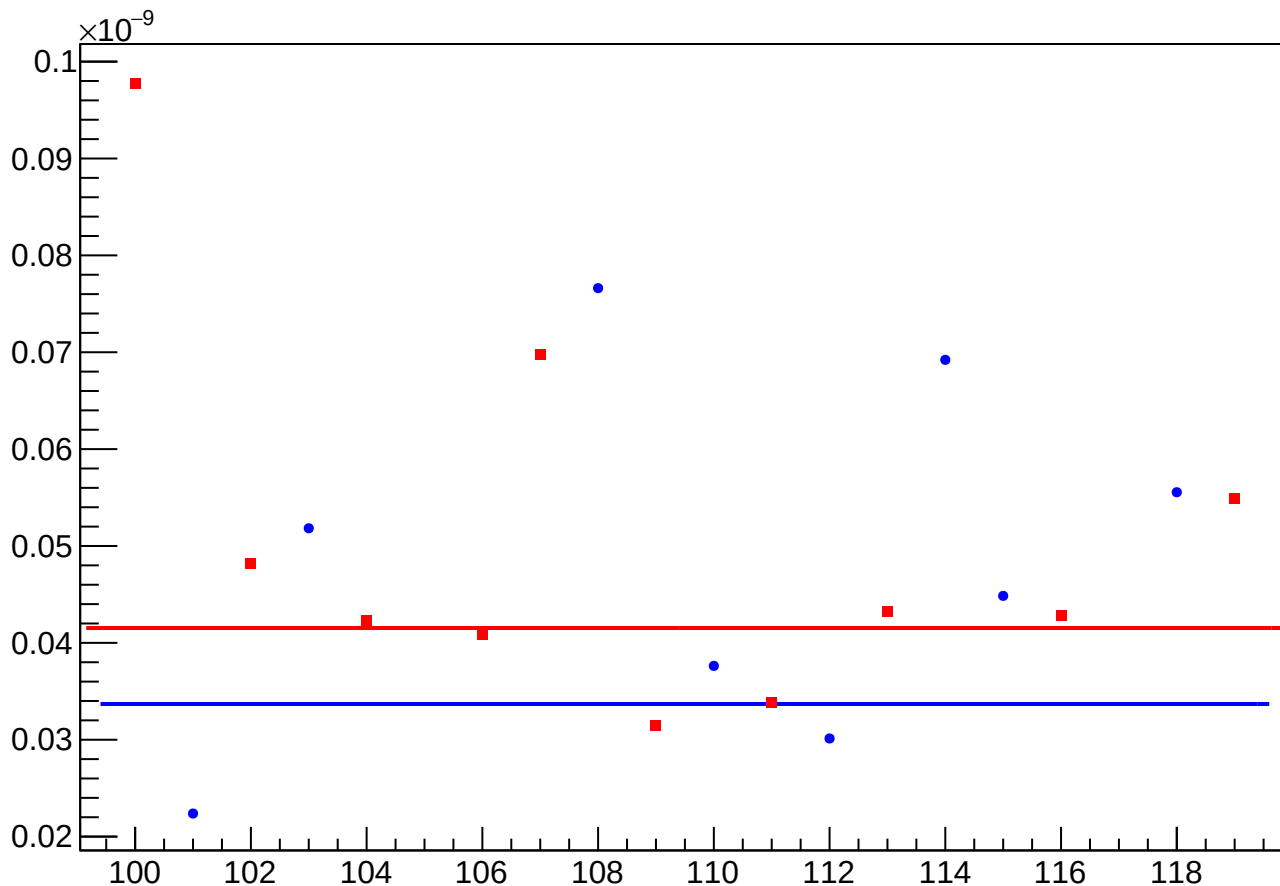
Right: 0.000+/-0.000 χ^2/NDF : 12.6/17

In: 0.000+/-0.000 χ^2/NDF : 8.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/17

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 655242.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 248245.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

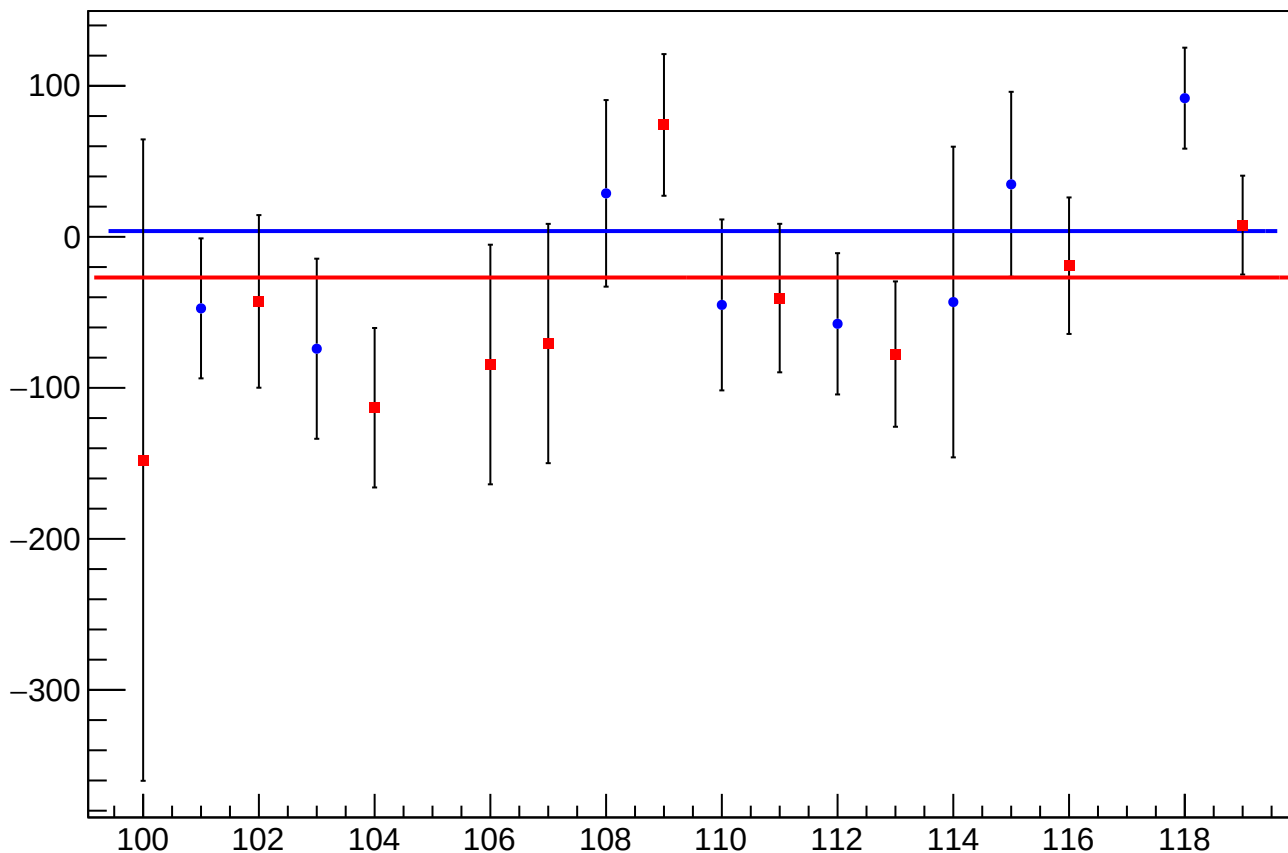
Right: 0.000+/-0.000 χ^2/NDF : 1001931.3/17

In: 0.000+/-0.000 χ^2/NDF : 655242.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1001931.3/17

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 3.827+/-18.157 χ^2/NDF : 13.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.918+/-16.380 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

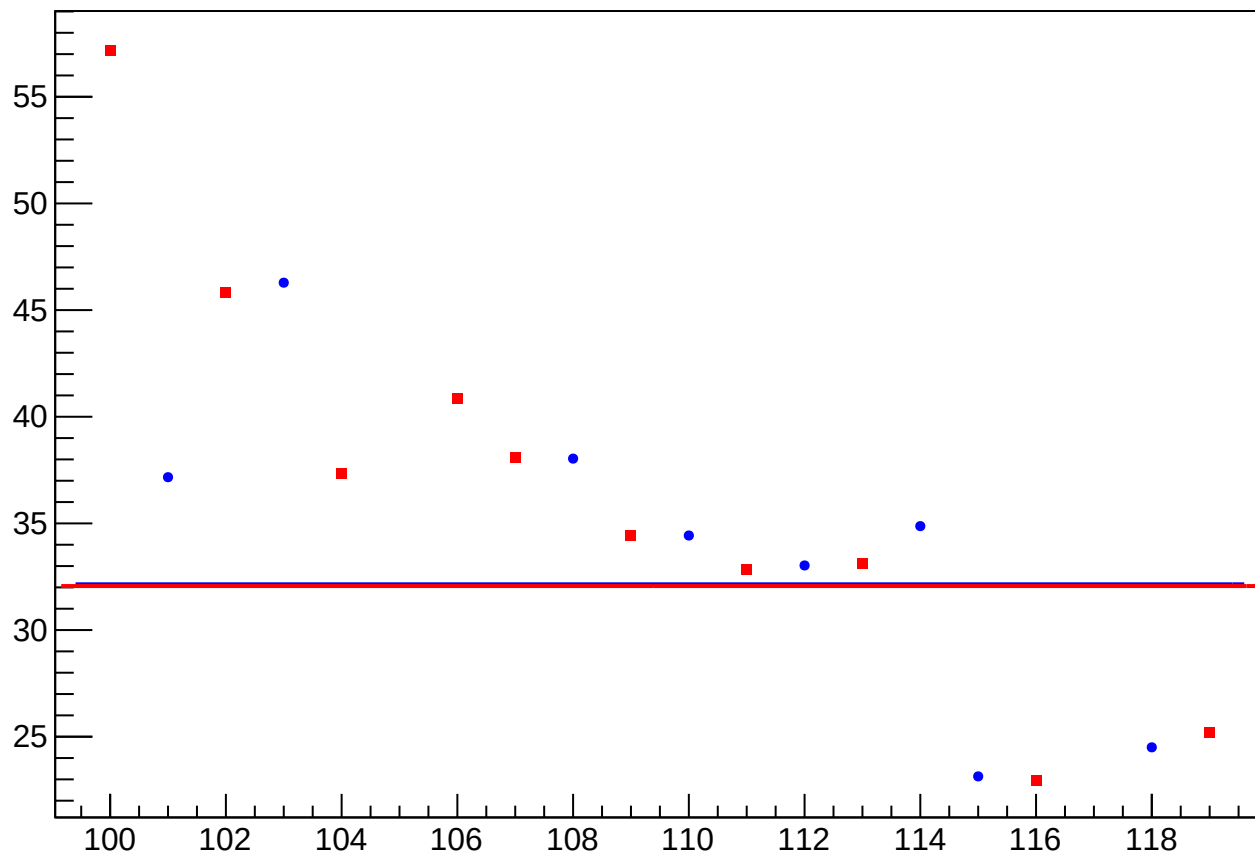
Right: -13.124+/-12.162 χ^2/NDF : 25.4/17

In: 3.827+/-18.157 χ^2/NDF : 13.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.124+/-12.162 χ^2/NDF : 25.4/17

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.144+/-0.013 χ^2/NDF : 307227.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.062+/-0.012 χ^2/NDF : 375877.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

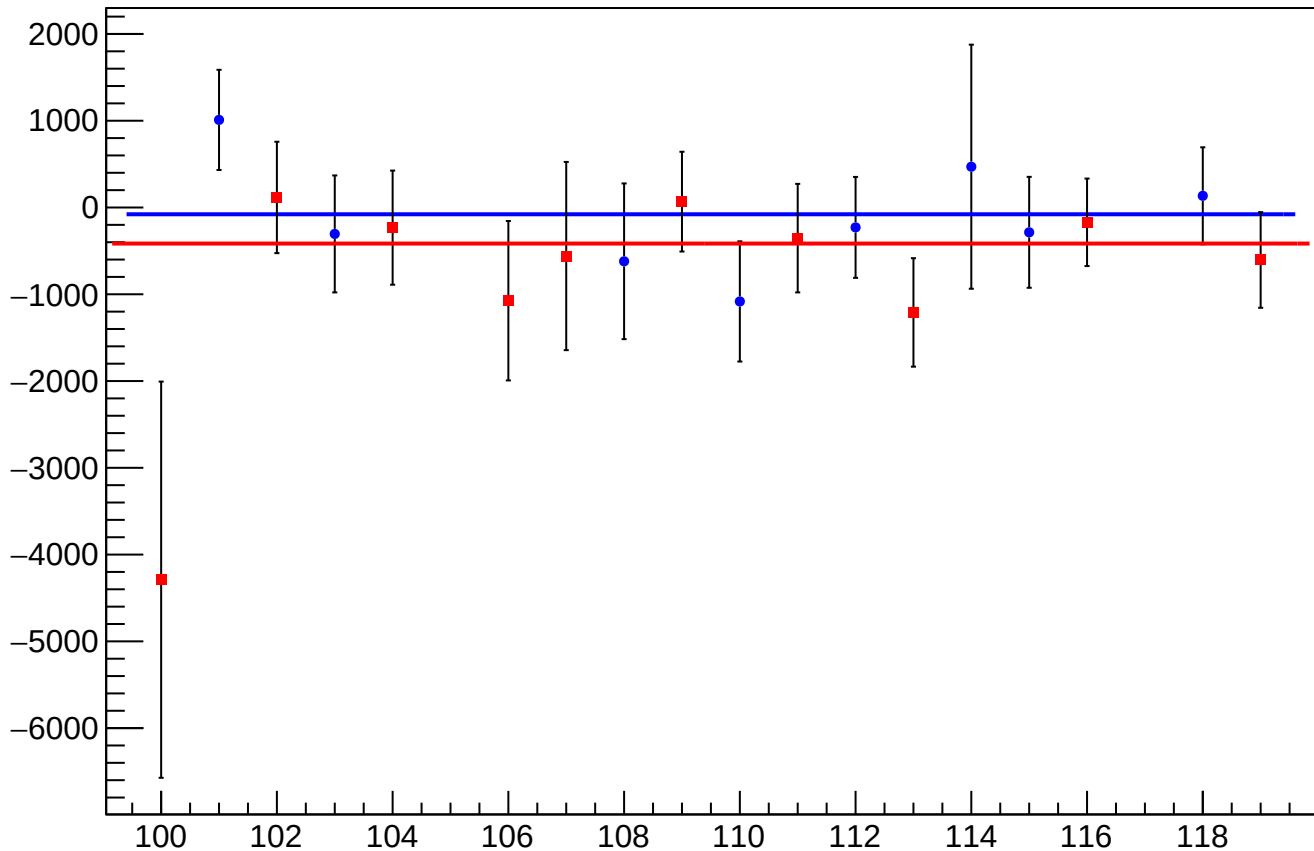
Right: 32.099+/-0.009 χ^2/NDF : 683127.7/17

In: 32.144+/-0.013 χ^2/NDF : 307227.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.099+/-0.009 χ^2/NDF : 683127.7/17

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -77.969 $\pm$ 238.101 χ^2 /NDF: 6.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -415.553 $\pm$ 211.595 χ^2 /NDF: 6.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

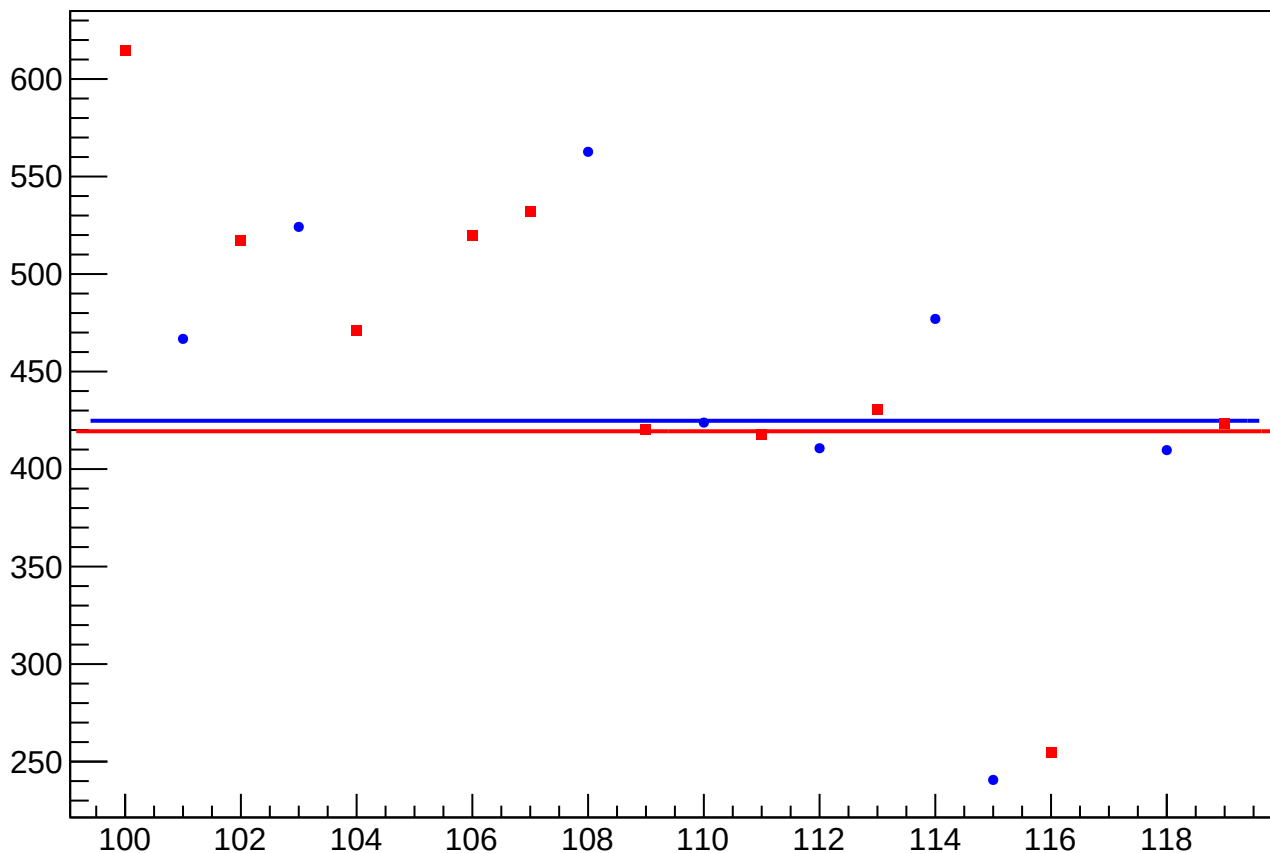
Right: -266.590 $\pm$ 158.165 χ^2 /NDF: 14.6/17

In: -77.969 $\pm$ 238.101 χ^2 /NDF:6.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -266.590 $\pm$ 158.165 χ^2 /NDF: 14.6/17

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 424.762 $\pm$ 0.168 χ^2 /NDF: 272772.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 419.384 $\pm$ 0.150 χ^2 /NDF: 332517.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

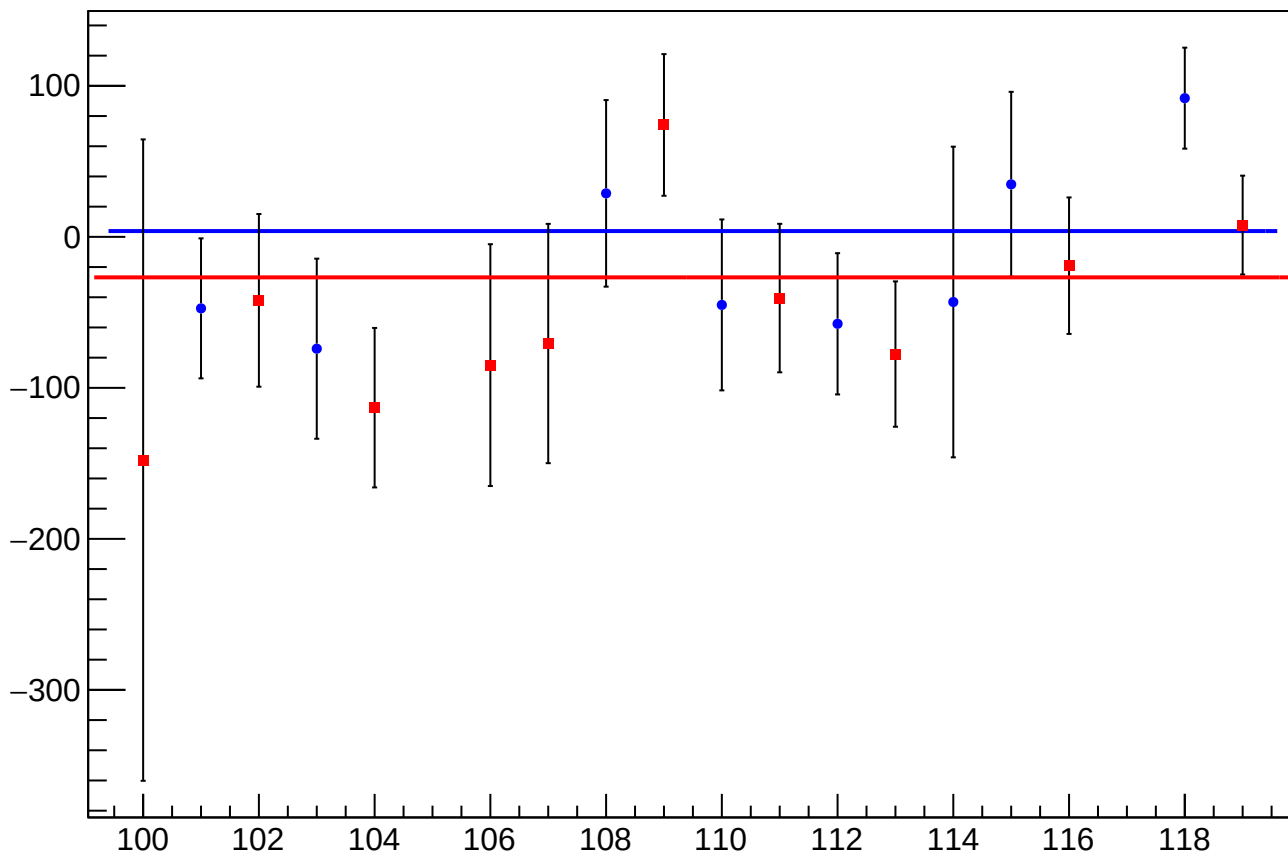
Right: 421.757 $\pm$ 0.112 χ^2 /NDF: 605859.9/17

In: 424.762 $\pm$ 0.168 χ^2 /NDF:272772.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 421.757 $\pm$ 0.112 χ^2 /NDF: 605859.9/17

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 3.830+/-18.157 χ^2/NDF : 13.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.825+/-16.387 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

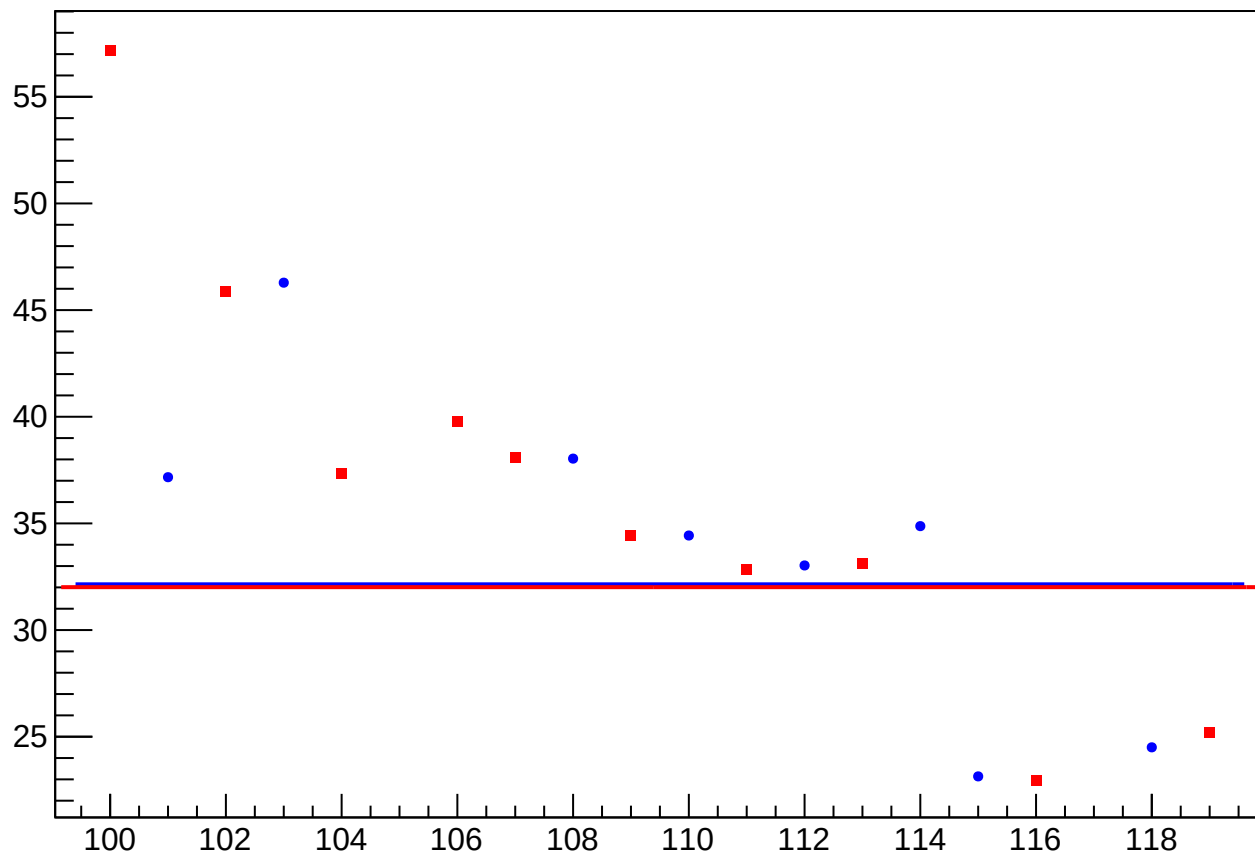
Right: -13.064+/-12.165 χ^2/NDF : 25.4/17

In: 3.830+/-18.157 χ^2/NDF : 13.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.064+/-12.165 χ^2/NDF : 25.4/17

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.144+/-0.013 χ^2/NDF : 307230.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.011+/-0.012 χ^2/NDF : 370057.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

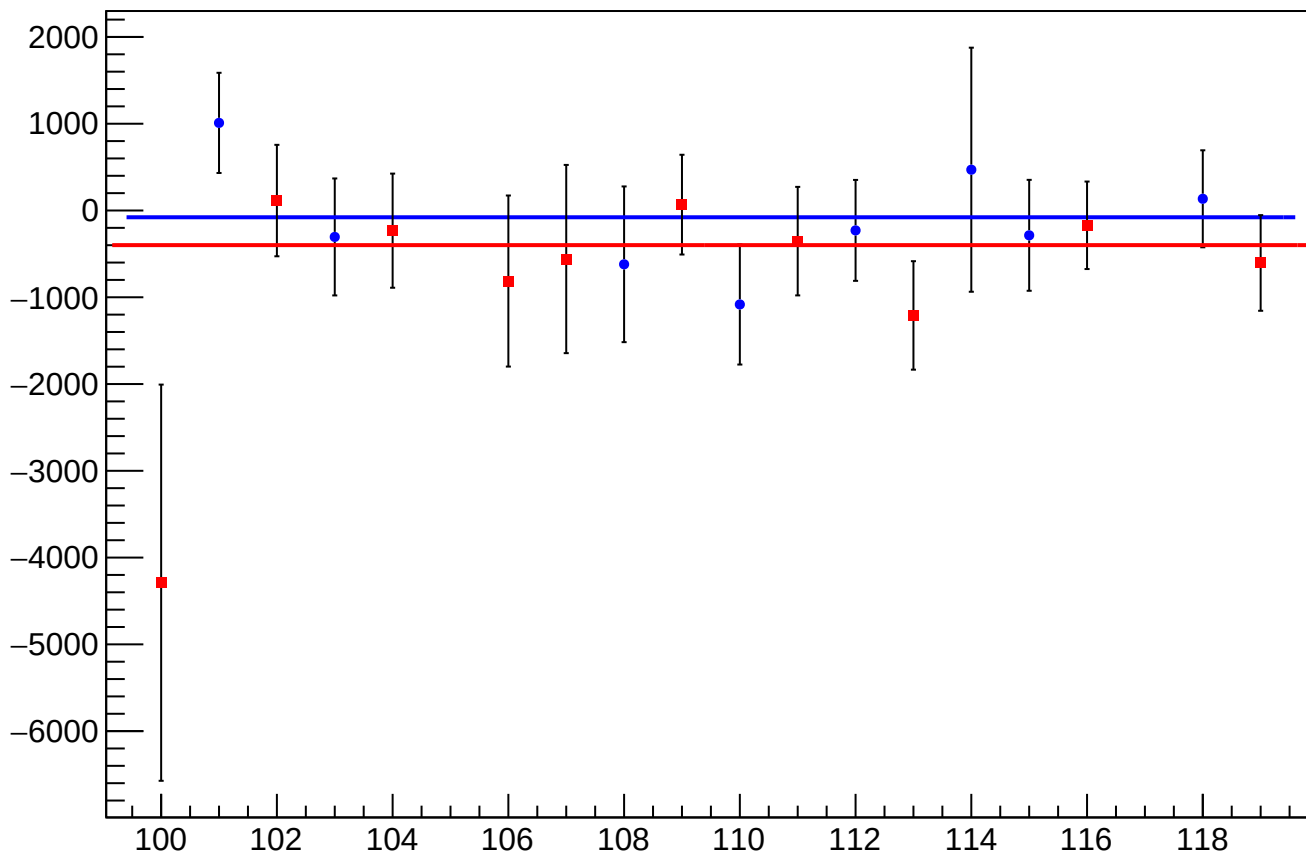
Right: 32.071+/-0.009 χ^2/NDF : 677346.9/17

In: 32.144+/-0.013 χ^2/NDF : 307230.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.071+/-0.009 χ^2/NDF : 677346.9/17

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.994 $\pm$ 238.102 χ^2 /NDF: 6.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -399.024 $\pm$ 212.349 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

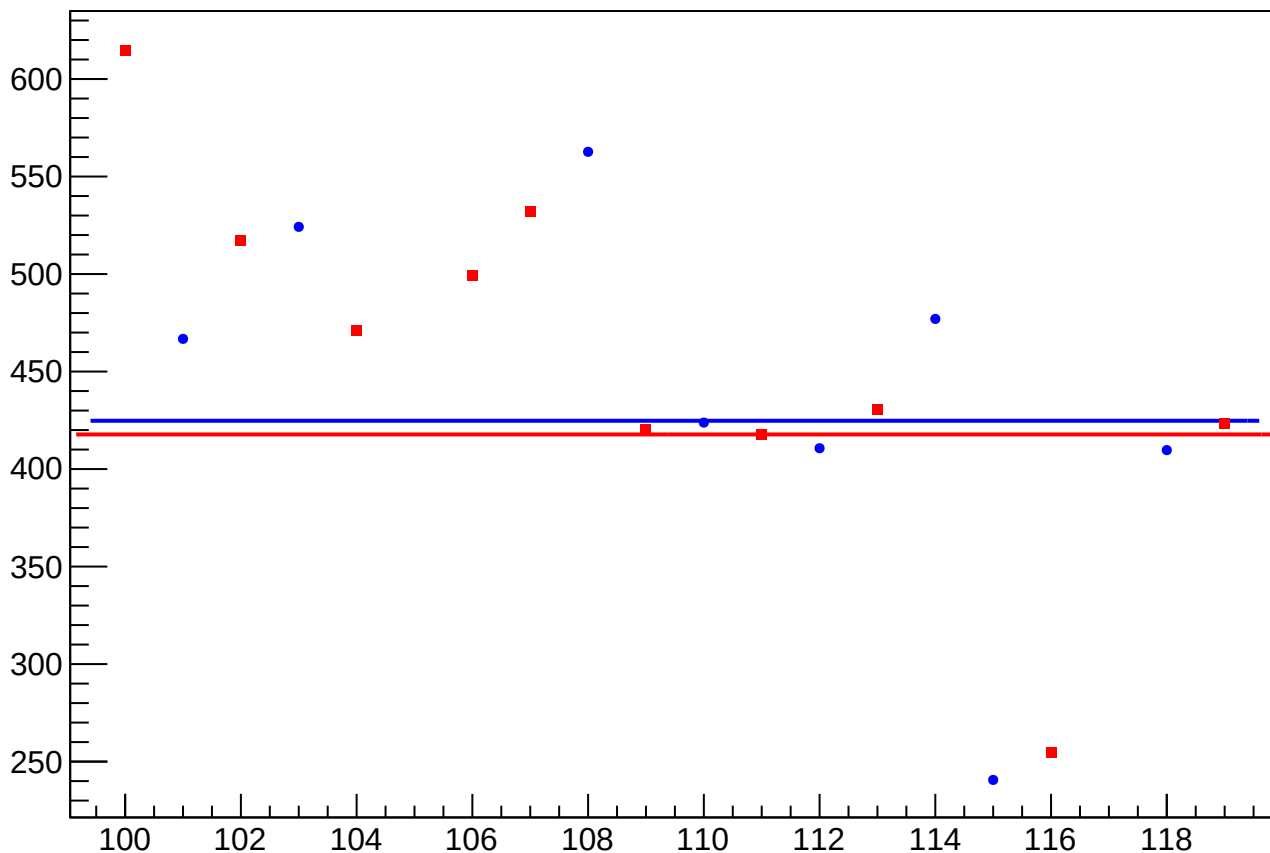
Right: -256.803 $\pm$ 158.479 χ^2 /NDF: 14.1/17

In: -77.994 $\pm$ 238.102 χ^2 /NDF:6.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -256.803 $\pm$ 158.479 χ^2 /NDF: 14.1/17

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.764 $\pm$ 0.168 χ^2 /NDF: 272794.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 417.751 $\pm$ 0.150 χ^2 /NDF: 321875.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

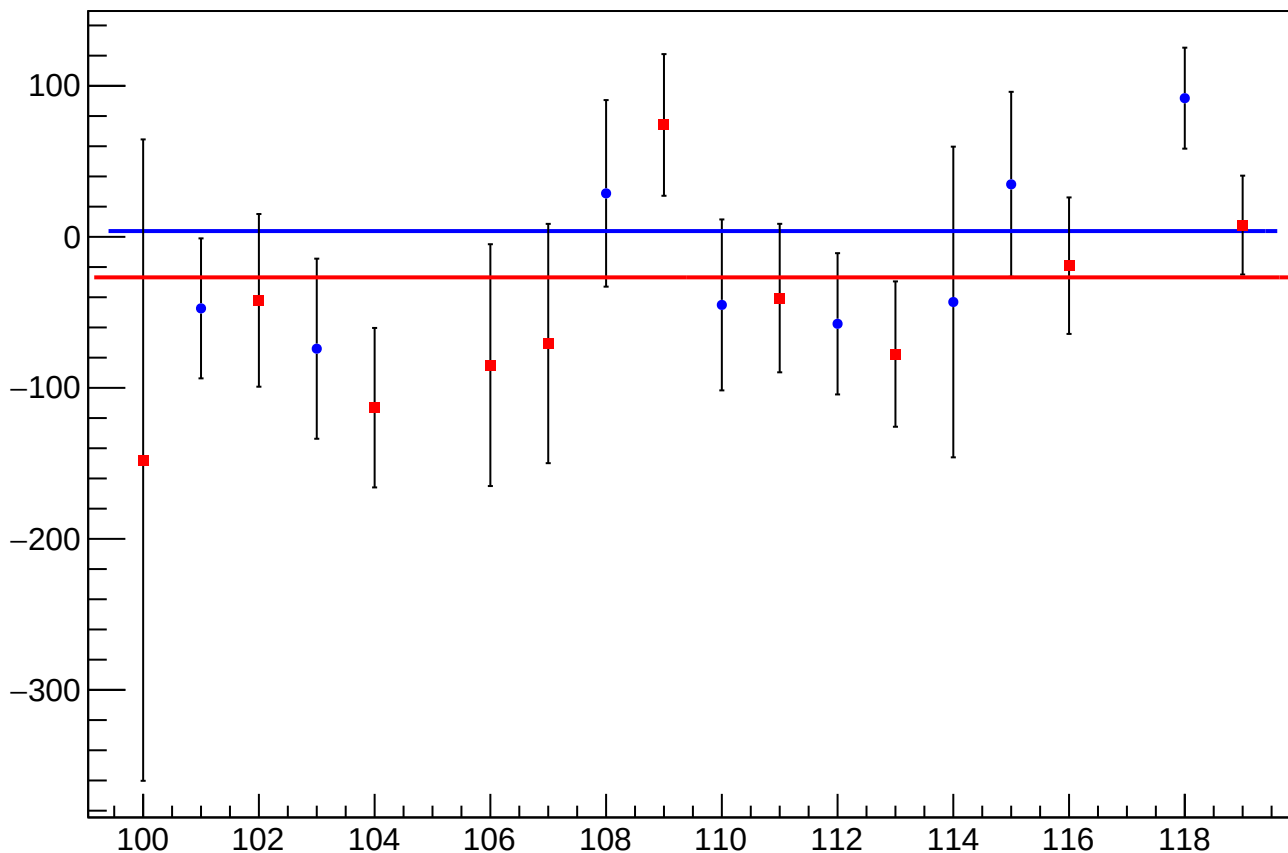
Right: 420.858 $\pm$ 0.112 χ^2 /NDF: 595636.7/17

In: 424.764 $\pm$ 0.168 χ^2 /NDF:272794.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 420.858 $\pm$ 0.112 χ^2 /NDF: 595636.7/17

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 3.830+/-18.157 χ^2/NDF : 13.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.825+/-16.387 χ^2/NDF : 10.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

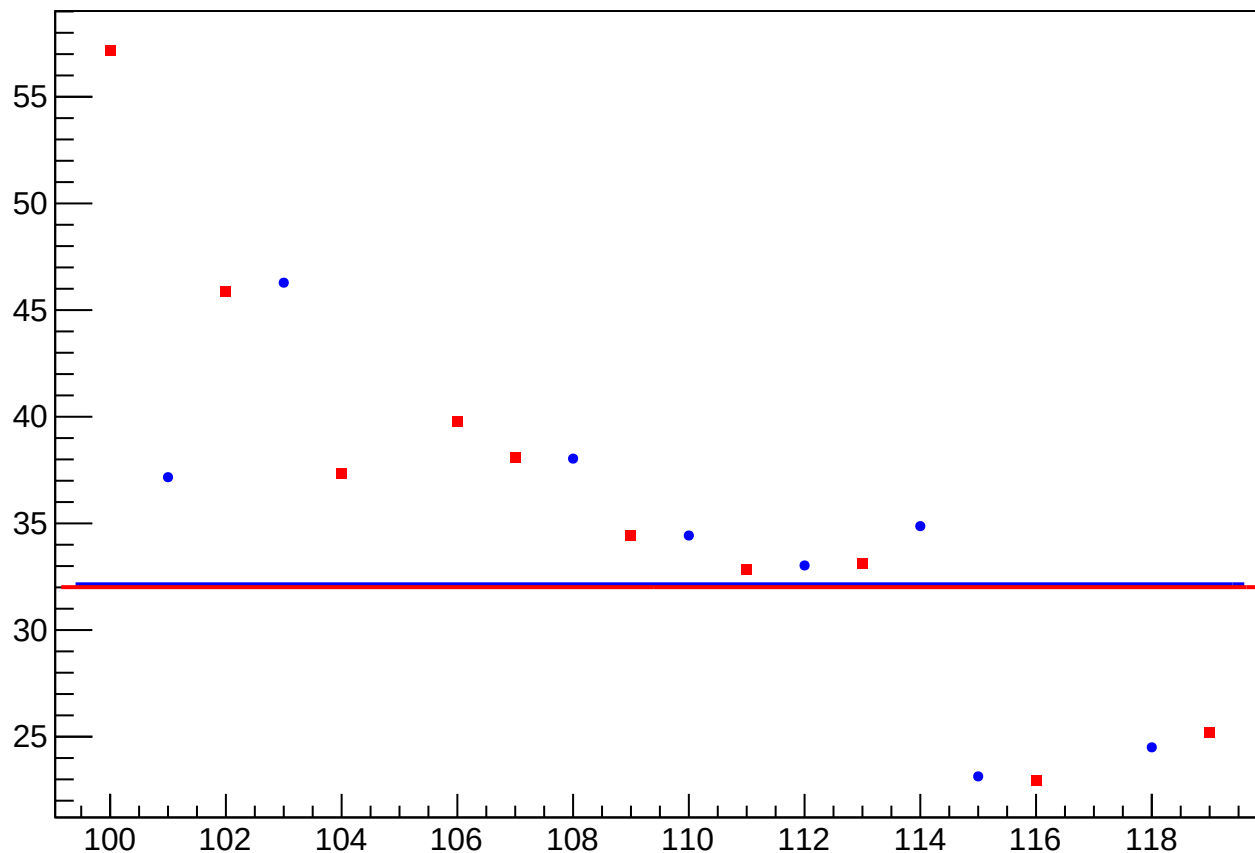
Right: -13.064+/-12.165 χ^2/NDF : 25.4/17

In: 3.830+/-18.157 χ^2/NDF : 13.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.064+/-12.165 χ^2/NDF : 25.4/17

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 32.144+/-0.013 χ^2/NDF : 307230.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.011+/-0.012 χ^2/NDF : 370057.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

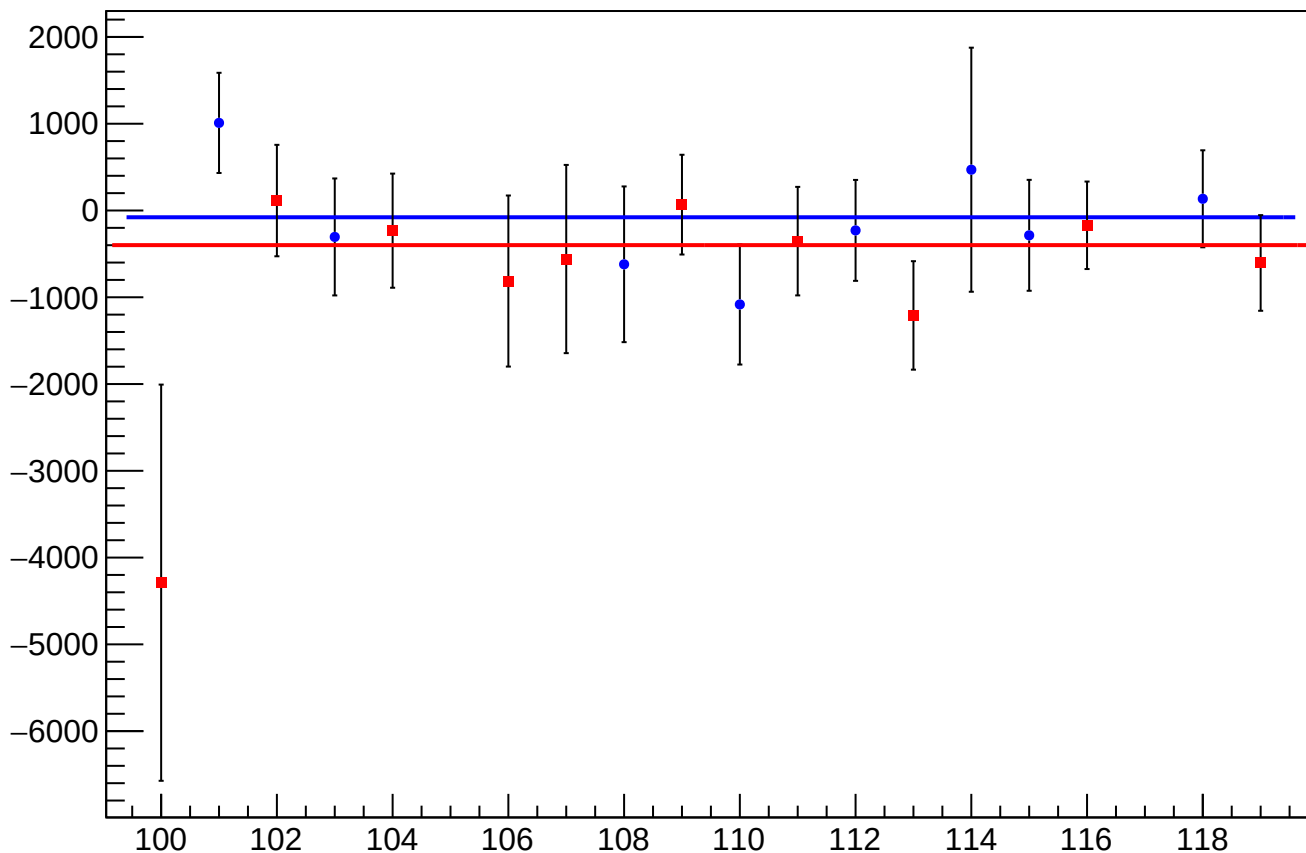
Right: 32.071+/-0.009 χ^2/NDF : 677346.9/17

In: 32.144+/-0.013 χ^2/NDF : 307230.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.071+/-0.009 χ^2/NDF : 677346.9/17

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -77.994 $\pm$ 238.102 χ^2 /NDF: 6.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -399.024 $\pm$ 212.349 χ^2 /NDF: 6.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

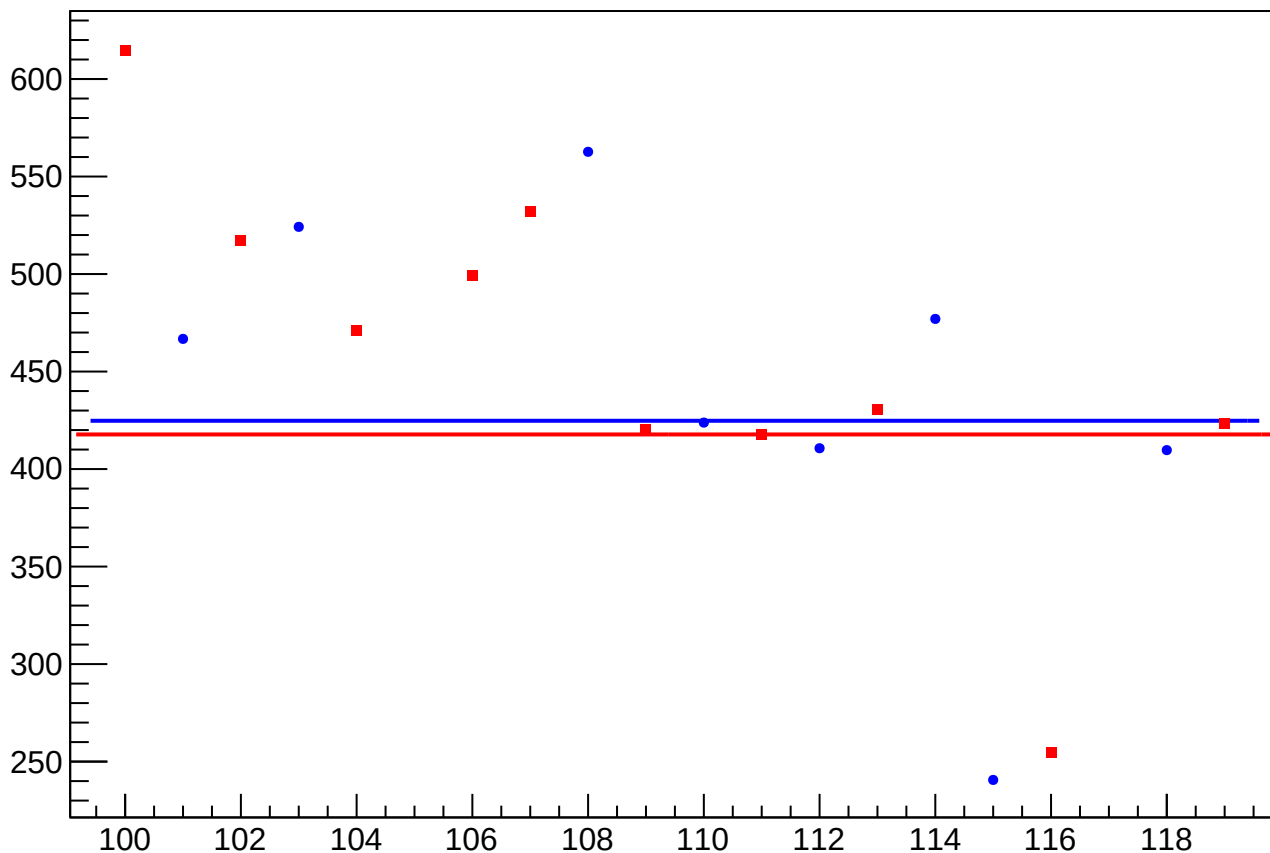
Right: -256.803 $\pm$ 158.479 χ^2 /NDF: 14.1/17

In: -77.994 $\pm$ 238.102 χ^2 /NDF:6.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -256.803 $\pm$ 158.479 χ^2 /NDF: 14.1/17

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 424.764 $\pm$ 0.168 χ^2 /NDF: 272794.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 417.751 $\pm$ 0.150 χ^2 /NDF: 321875.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

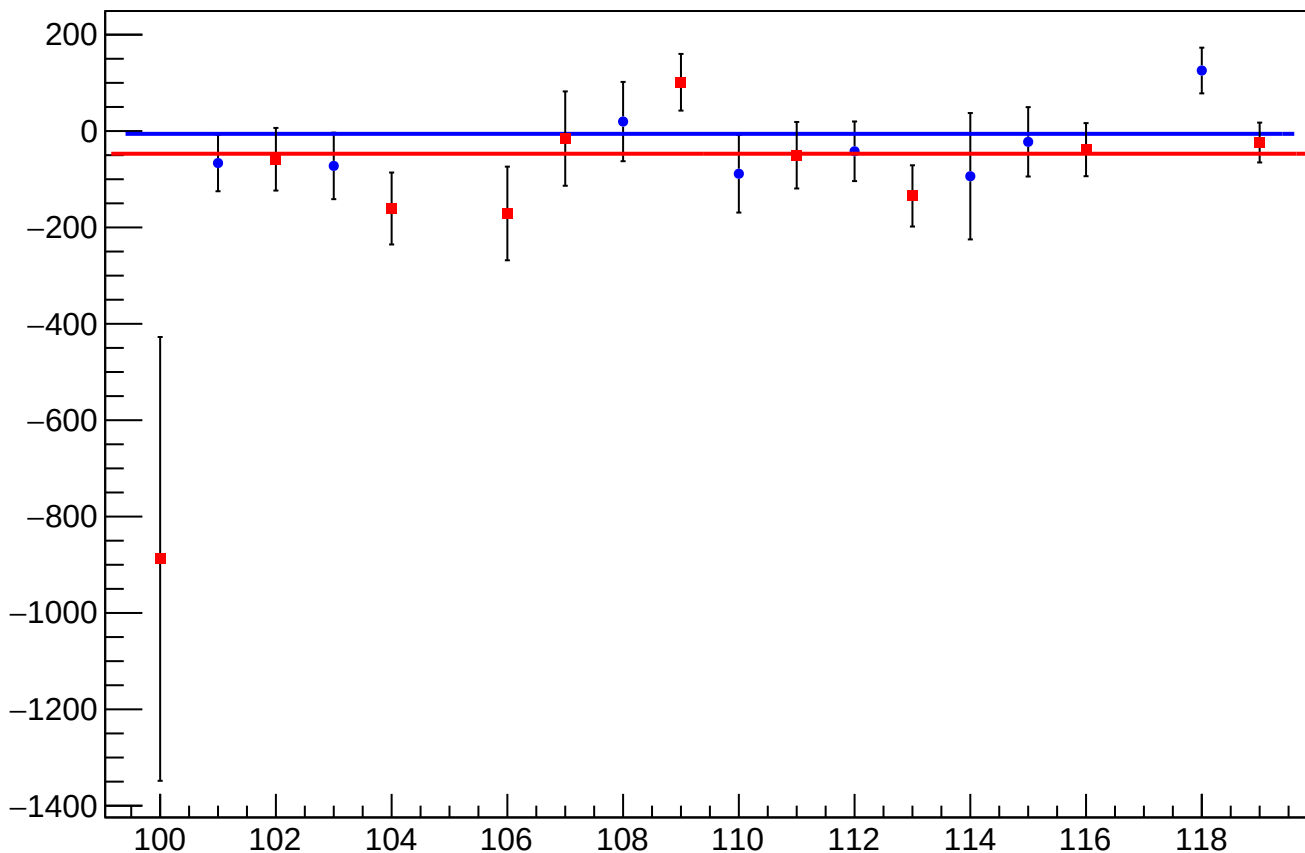
Right: 420.858 $\pm$ 0.112 χ^2 /NDF: 595636.7/17

In: 424.764 $\pm$ 0.168 χ^2 /NDF:272794.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 420.858 $\pm$ 0.112 χ^2 /NDF: 595636.7/17

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.771 $\pm$ 23.830 χ^2 /NDF: 11.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.047 $\pm$ 20.882 χ^2 /NDF: 16.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

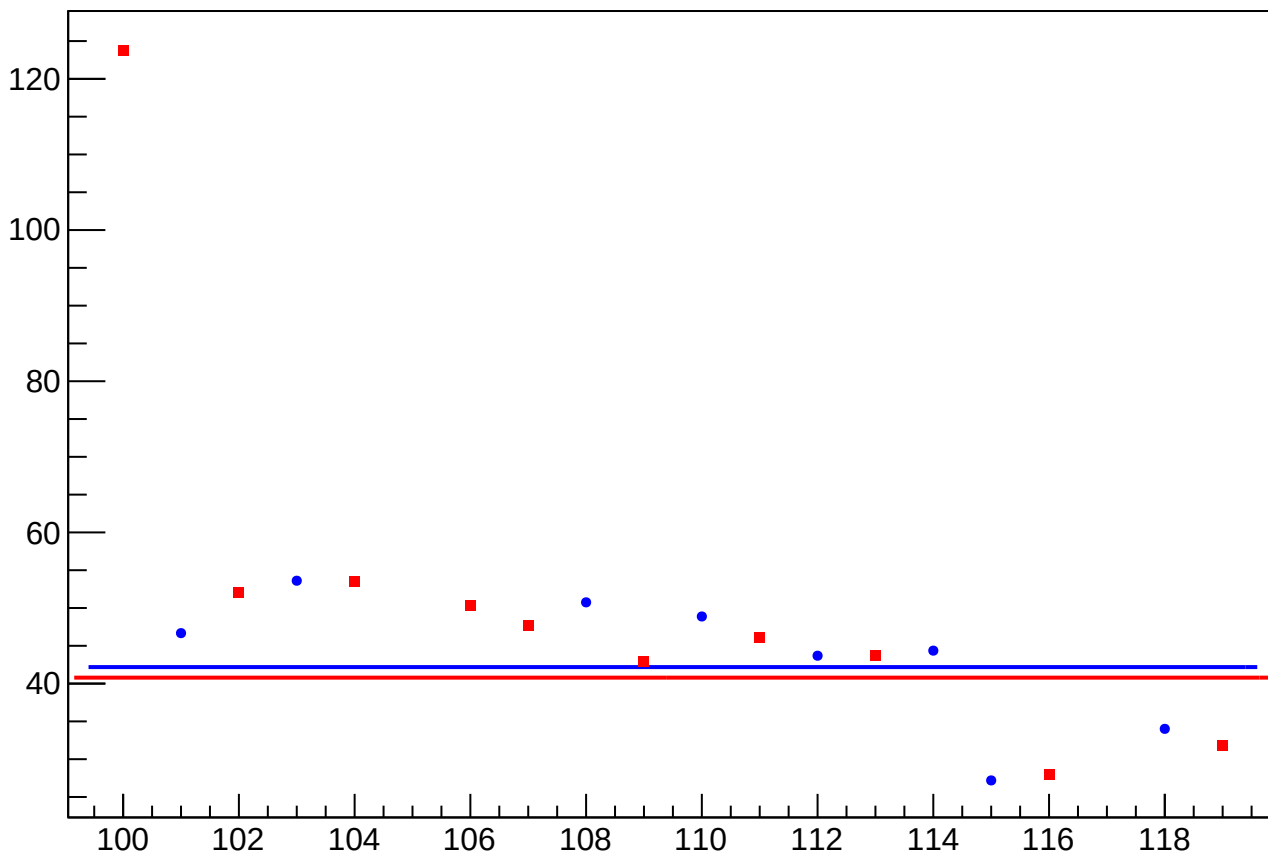
Right: -29.119 $\pm$ 15.705 χ^2 /NDF: 29.4/17

In: -5.771 $\pm$ 23.830 χ^2 /NDF:11.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.119 $\pm$ 15.705 χ^2 /NDF: 29.4/17

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 42.184+/-0.017 χ^2/NDF : 250019.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.789+/-0.015 χ^2/NDF : 434523.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

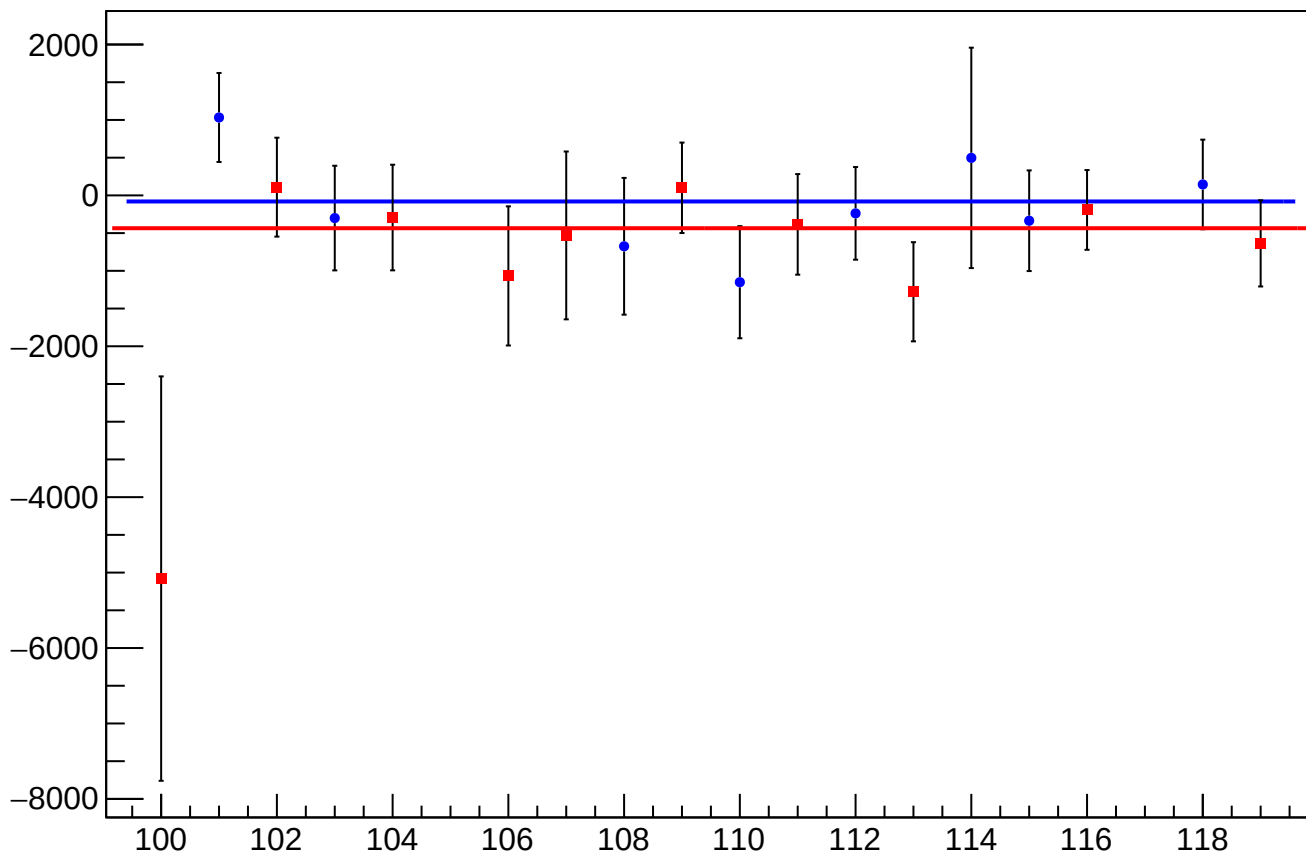
Right: 41.395+/-0.011 χ^2/NDF : 688422.1/17

In: 42.184+/-0.017 χ^2/NDF : 250019.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.395+/-0.011 χ^2/NDF : 688422.1/17

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -80.494 ± 248.582 χ^2/NDF : 6.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -435.322 ± 220.977 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

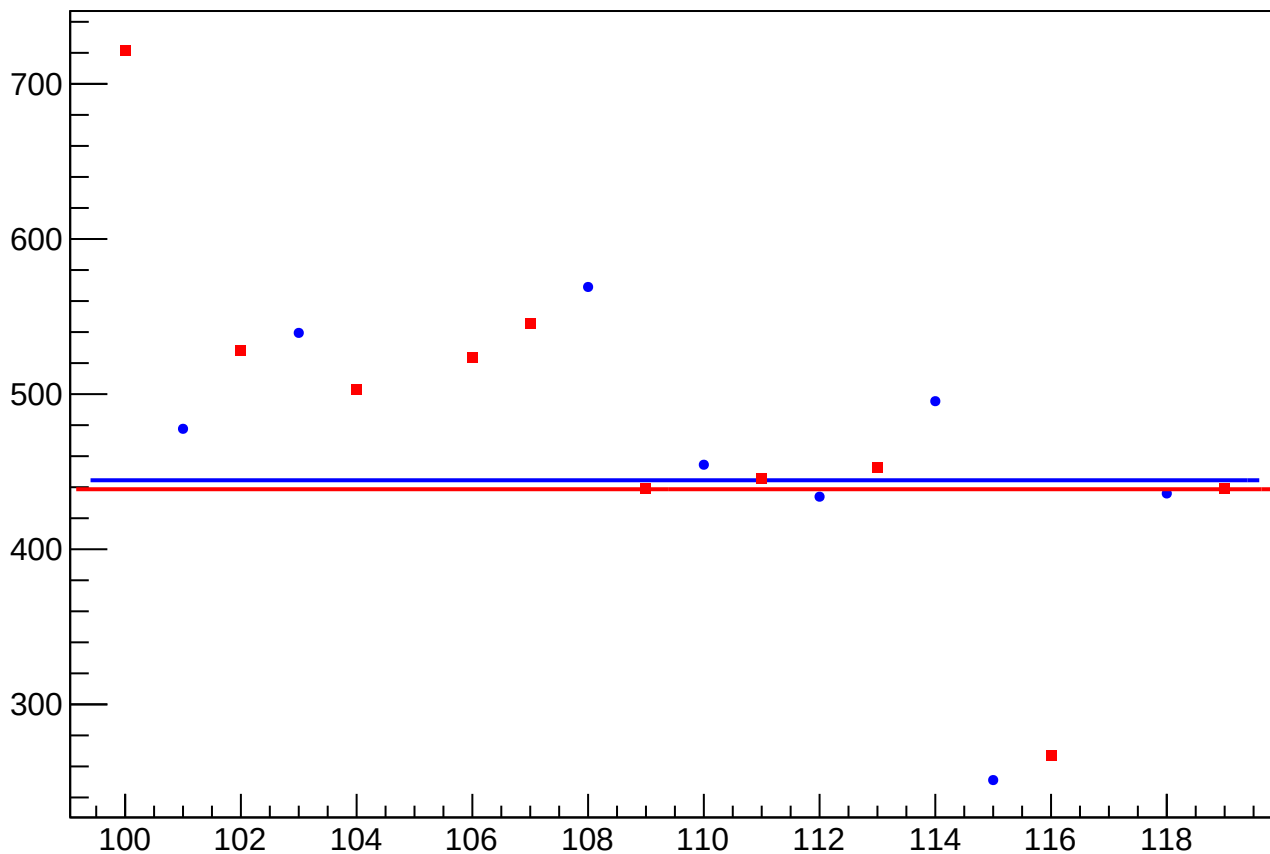
Right: -278.697 ± 165.155 χ^2/NDF : 14.8/17

In: -80.494 ± 248.582 χ^2/NDF : 6.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -278.697 ± 165.155 χ^2/NDF : 14.8/17

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 444.479+/-0.176 χ^2/NDF : 253318.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.691+/-0.156 χ^2/NDF : 323087.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

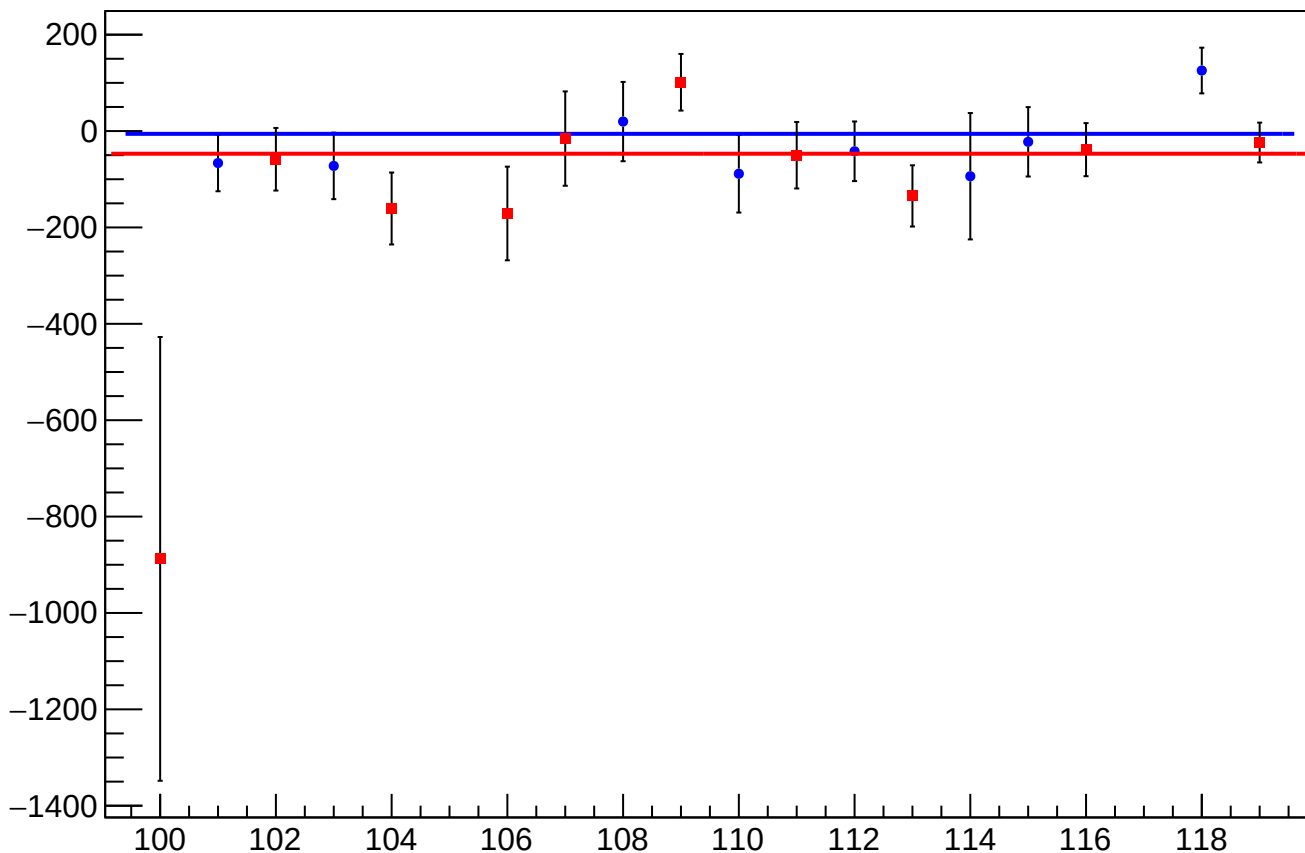
Right: 441.246+/-0.117 χ^2/NDF : 577011.1/17

In: 444.479+/-0.176 χ^2/NDF : 253318.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.246+/-0.117 χ^2/NDF : 577011.1/17

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -5.769+/-23.830 χ^2/NDF : 11.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -47.045+/-20.882 χ^2/NDF : 16.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

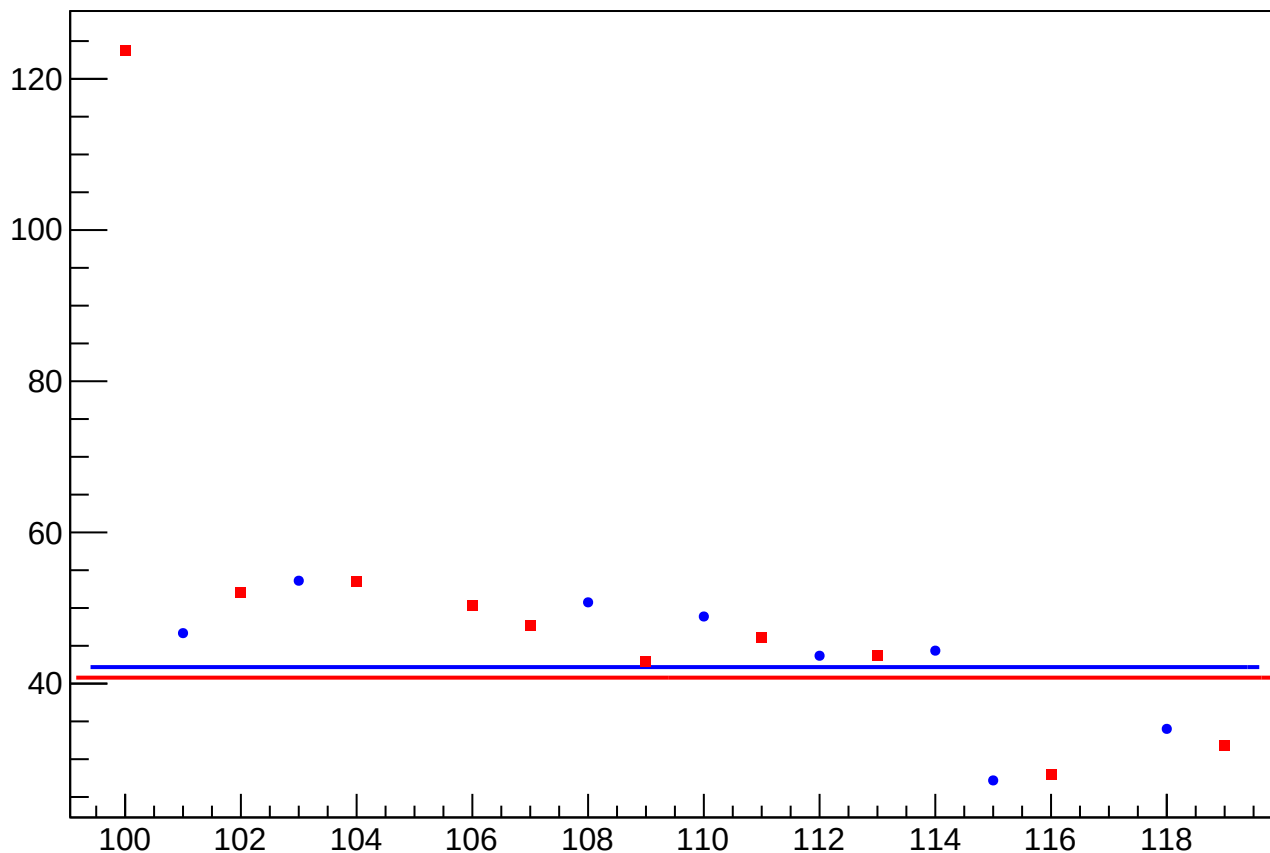
Right: -29.117+/-15.705 χ^2/NDF : 29.4/17

In: -5.769+/-23.830 χ^2/NDF : 11.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.117+/-15.705 χ^2/NDF : 29.4/17

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 42.183+/-0.017 χ^2/NDF : 250012.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.788+/-0.015 χ^2/NDF : 434514.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

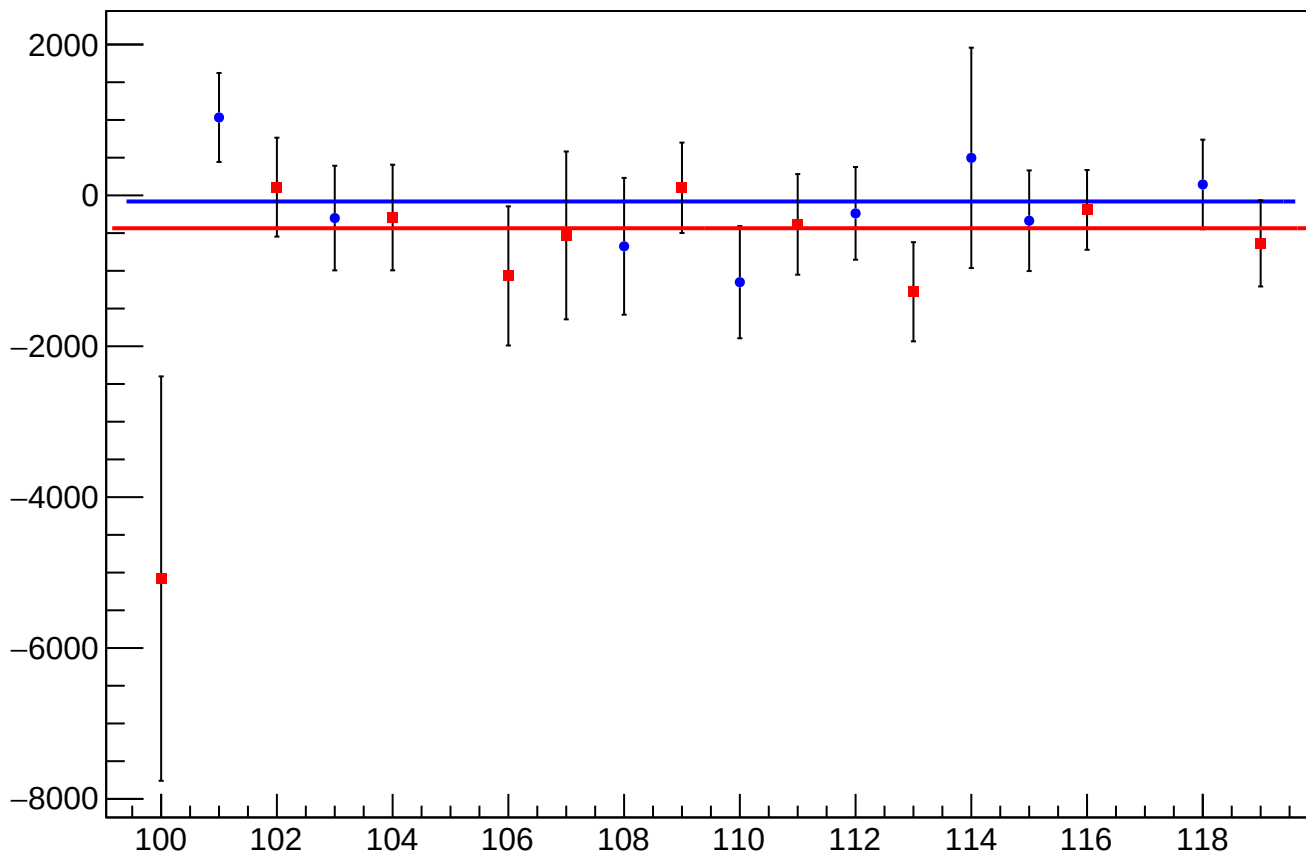
Right: 41.394+/-0.011 χ^2/NDF : 688406.8/17

In: 42.183+/-0.017 χ^2/NDF : 250012.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.394+/-0.011 χ^2/NDF : 688406.8/17

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -80.495 ± 248.581 χ^2/NDF : 6.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -435.322 ± 220.976 χ^2/NDF : 7.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

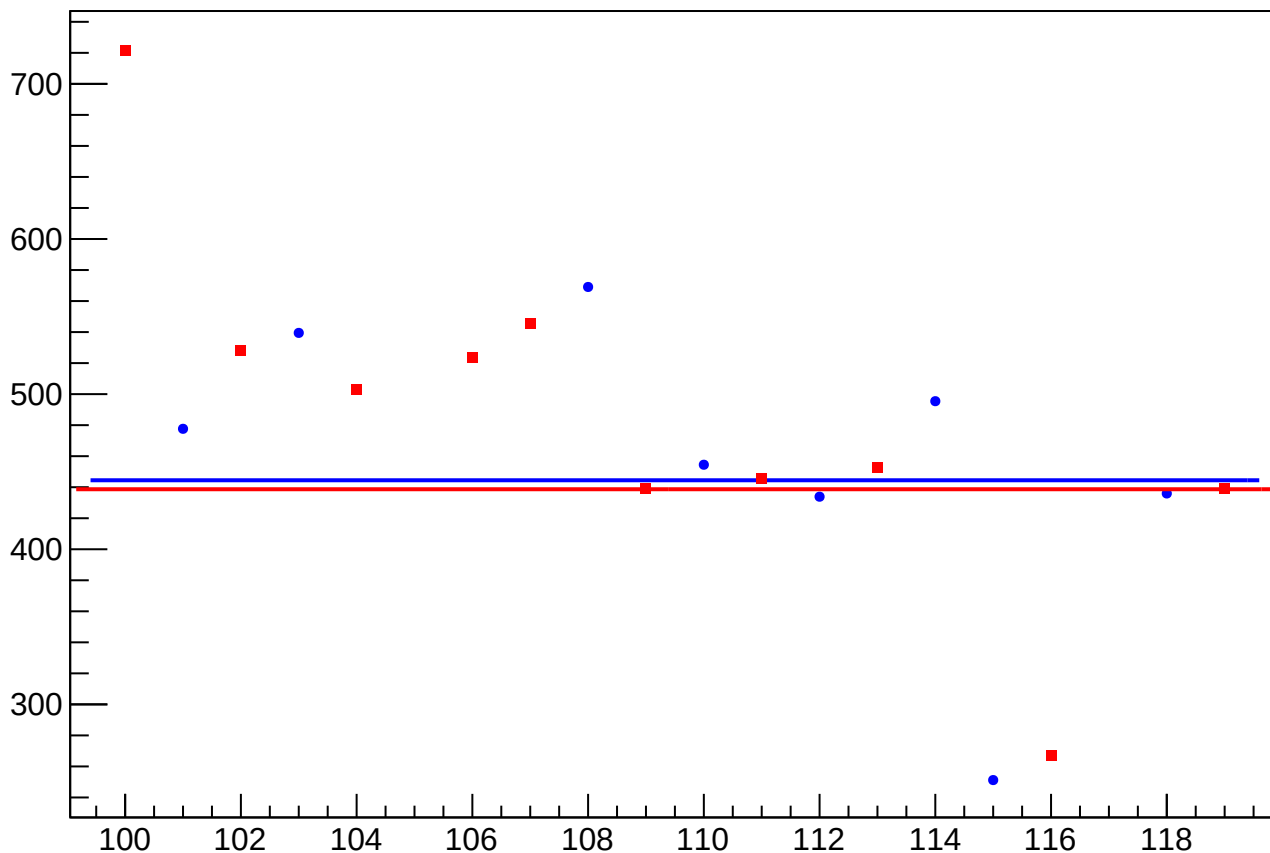
Right: -278.697 ± 165.154 χ^2/NDF : 14.8/17

In: -80.495 ± 248.581 χ^2/NDF : 6.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -278.697 ± 165.154 χ^2/NDF : 14.8/17

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 444.478 $\pm$ 0.176 χ^2 /NDF: 253314.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 438.690 $\pm$ 0.156 χ^2 /NDF: 323082.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

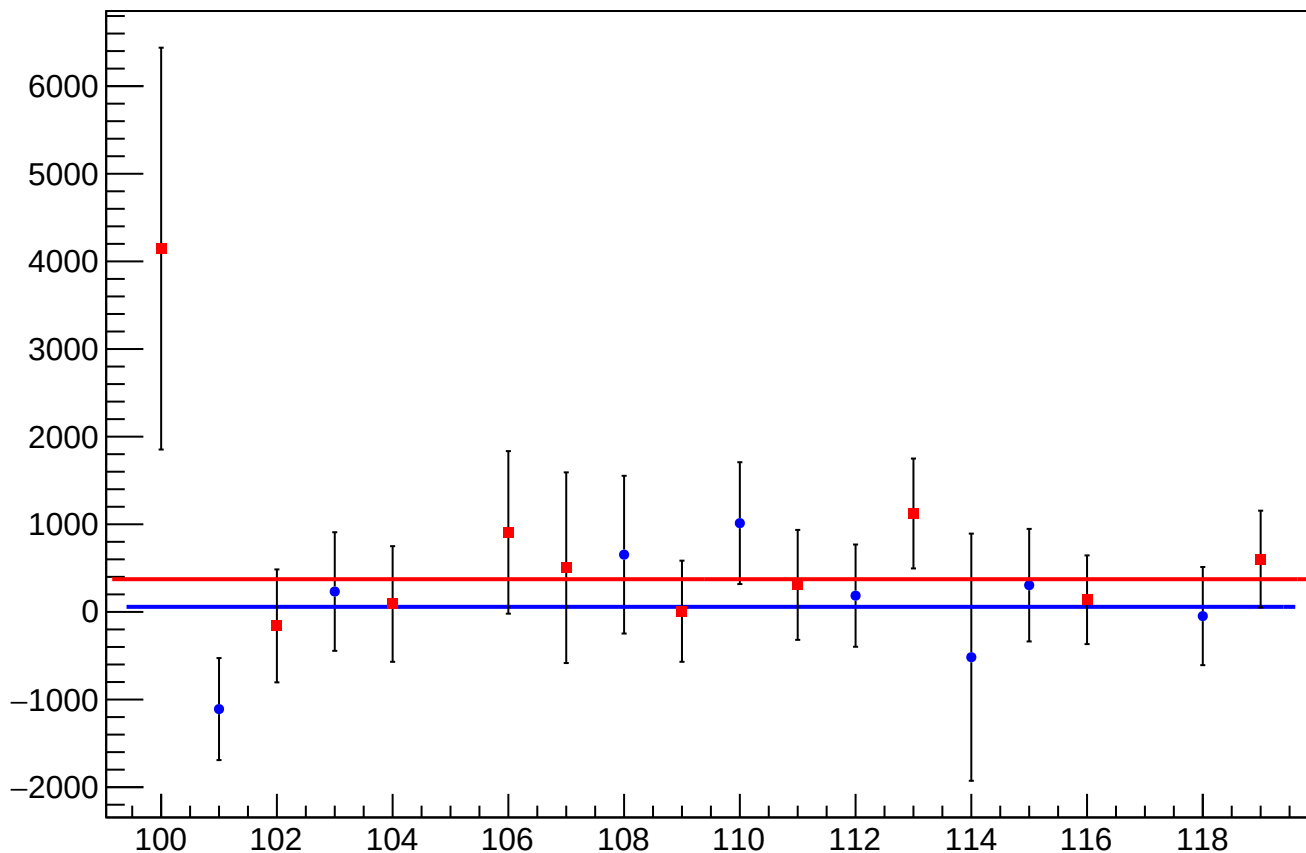
Right: 441.245 $\pm$ 0.117 χ^2 /NDF: 577002.9/17

In: 444.478 $\pm$ 0.176 χ^2 /NDF:253314.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 441.245 $\pm$ 0.117 χ^2 /NDF: 577002.9/17

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 57.914+/-239.087 χ^2/NDF : 6.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 373.394+/-212.379 χ^2/NDF : 6.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

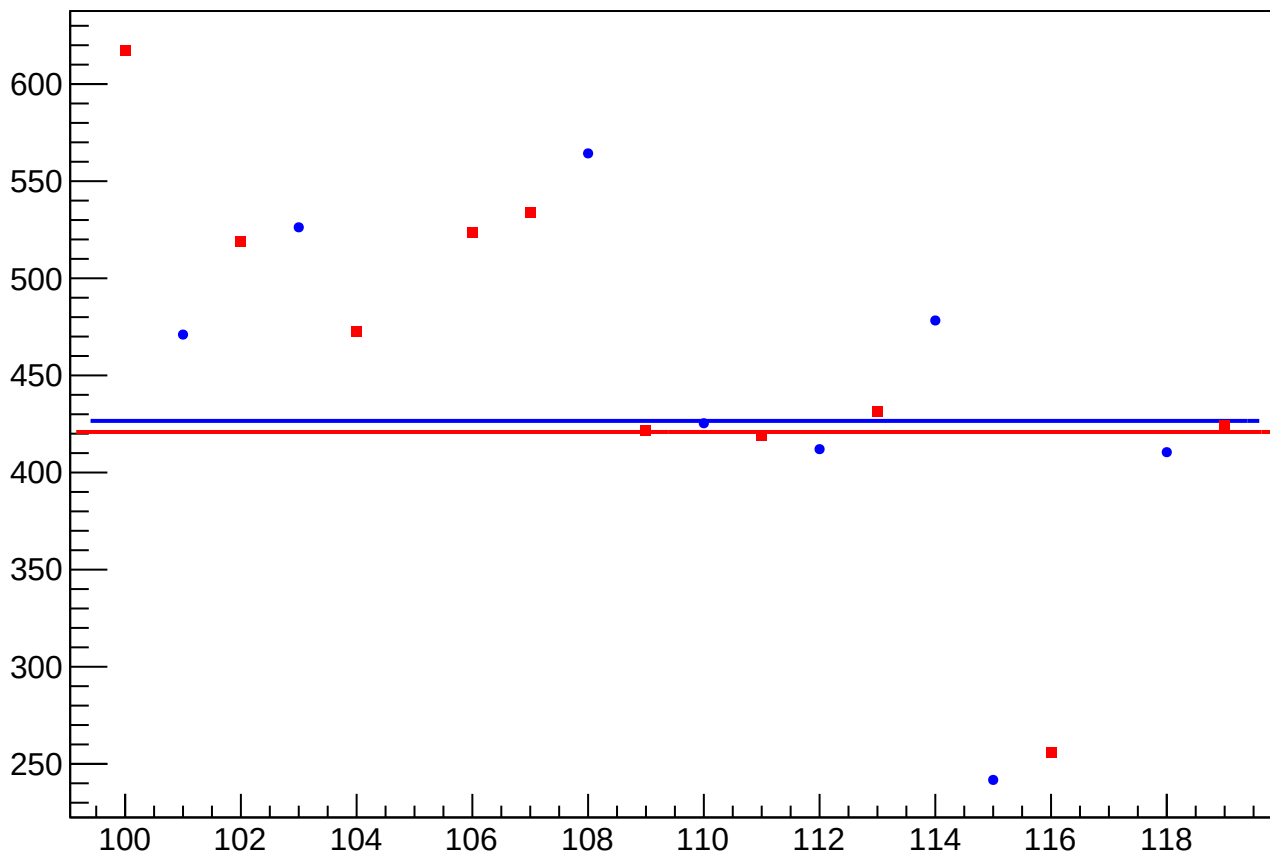
Right: 234.252+/-158.781 χ^2/NDF : 13.9/17

In: 57.914+/-239.087 χ^2/NDF : 6.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.252+/-158.781 χ^2/NDF : 13.9/17

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 426.582 $\pm$ 0.169 χ^2 /NDF: 273205.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 420.878 $\pm$ 0.150 χ^2 /NDF: 332631.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

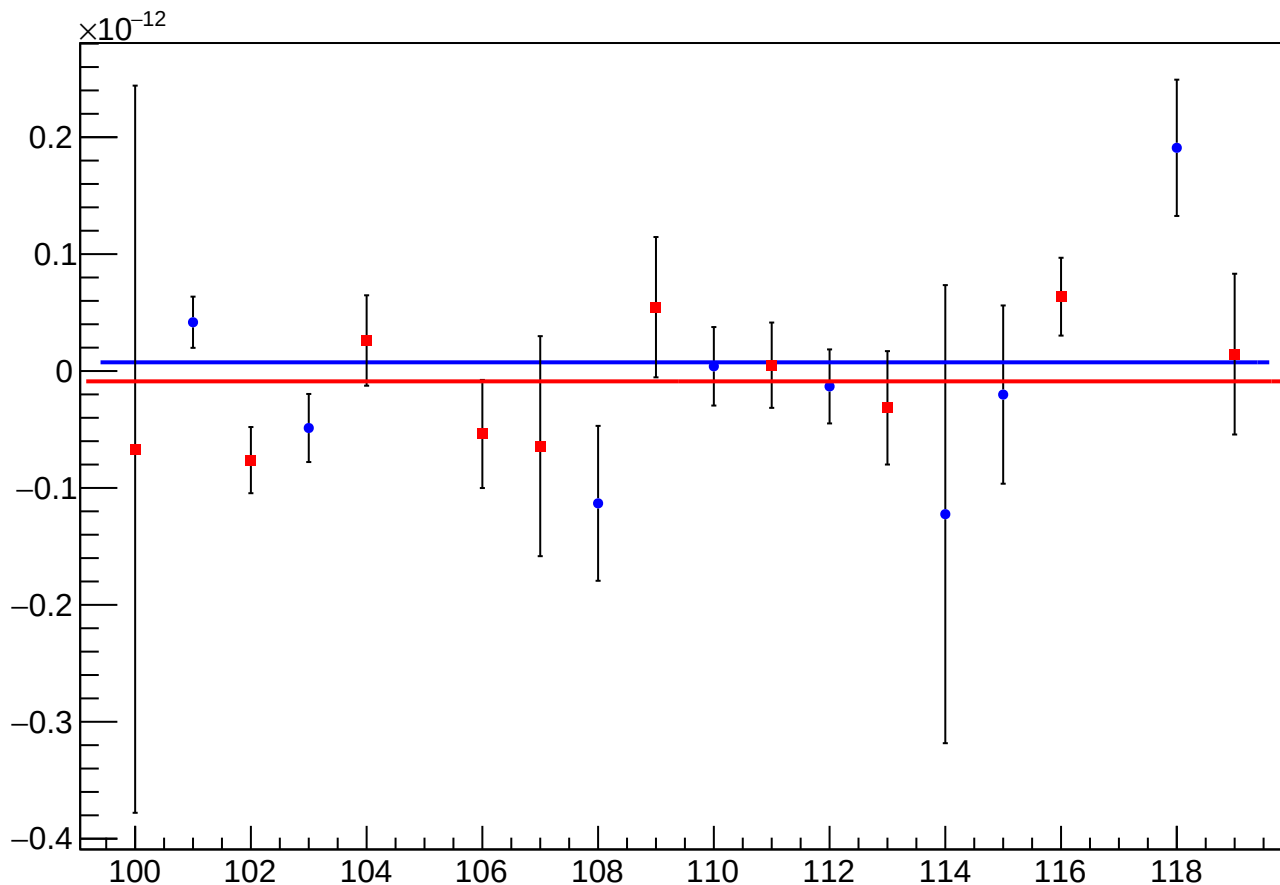
Right: 423.394 $\pm$ 0.112 χ^2 /NDF: 606472.3/17

In: 426.582 $\pm$ 0.169 χ^2 /NDF:273205.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 423.394 $\pm$ 0.112 χ^2 /NDF: 606472.3/17

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

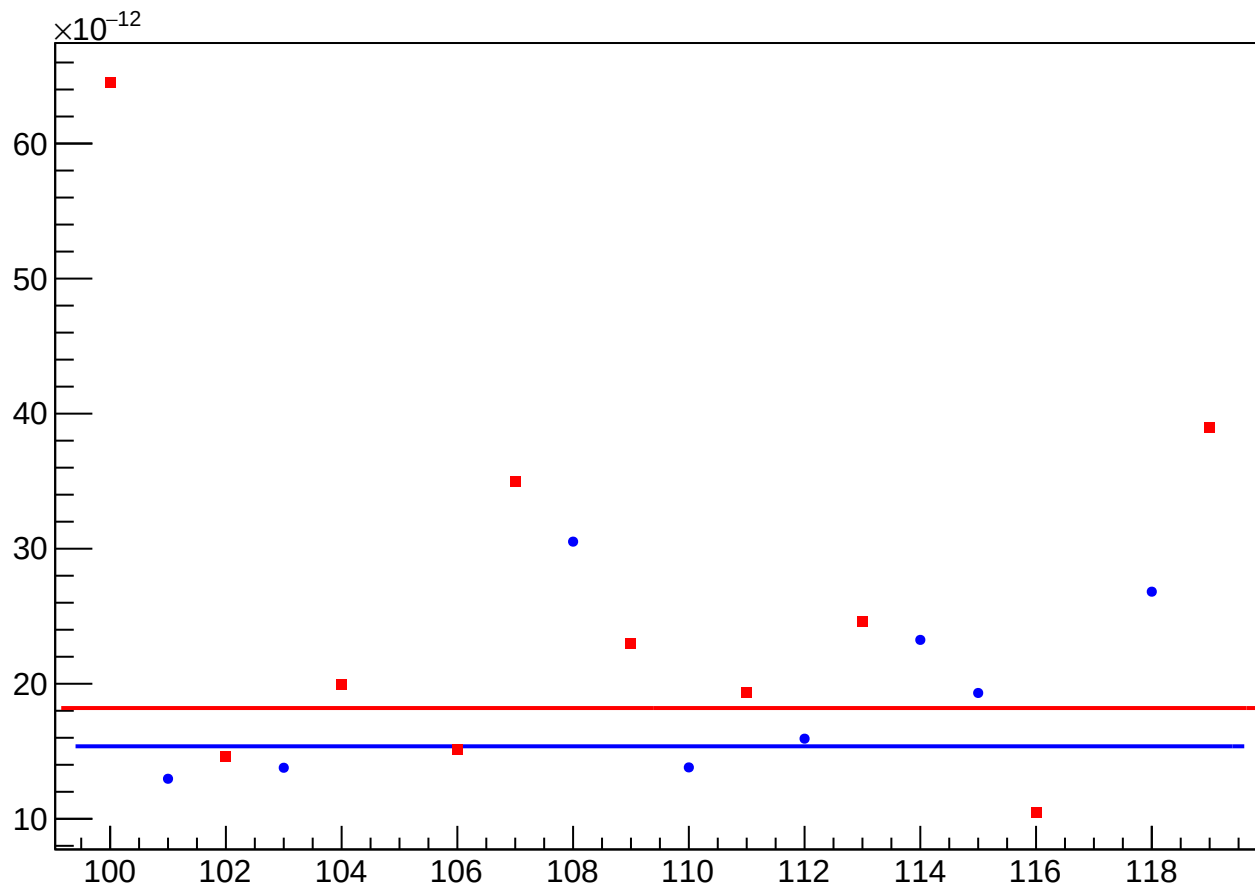
Right: -0.000+/-0.000 χ^2/NDF : 35.3/17

In: 0.000+/-0.000 χ^2/NDF : 20.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.3/17

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 225437.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492442.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

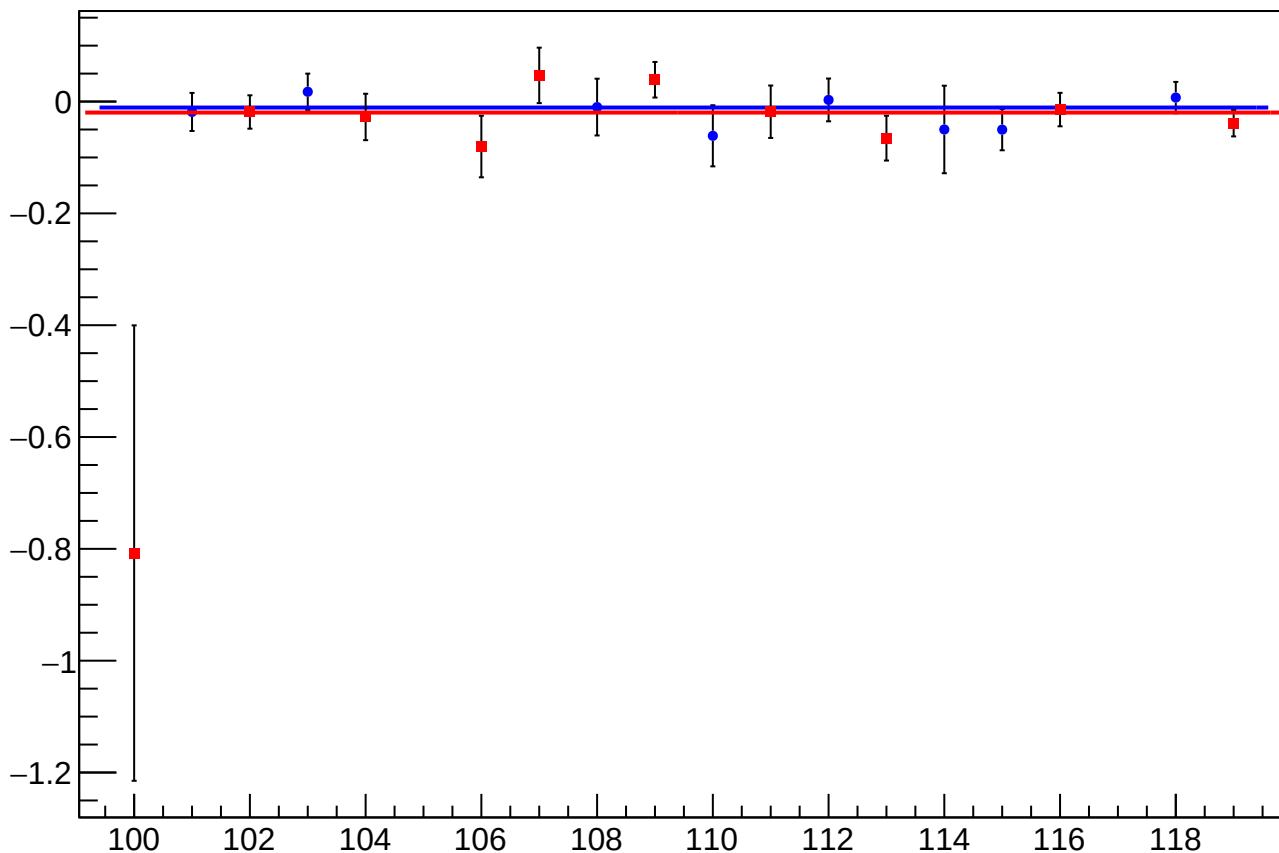
Right: 0.000+/-0.000 χ^2/NDF : 761586.4/17

In: 0.000+/-0.000 χ^2/NDF : 225437.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 761586.4/17

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 ± 0.014 χ^2/NDF : 3.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.012 χ^2/NDF : 12.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

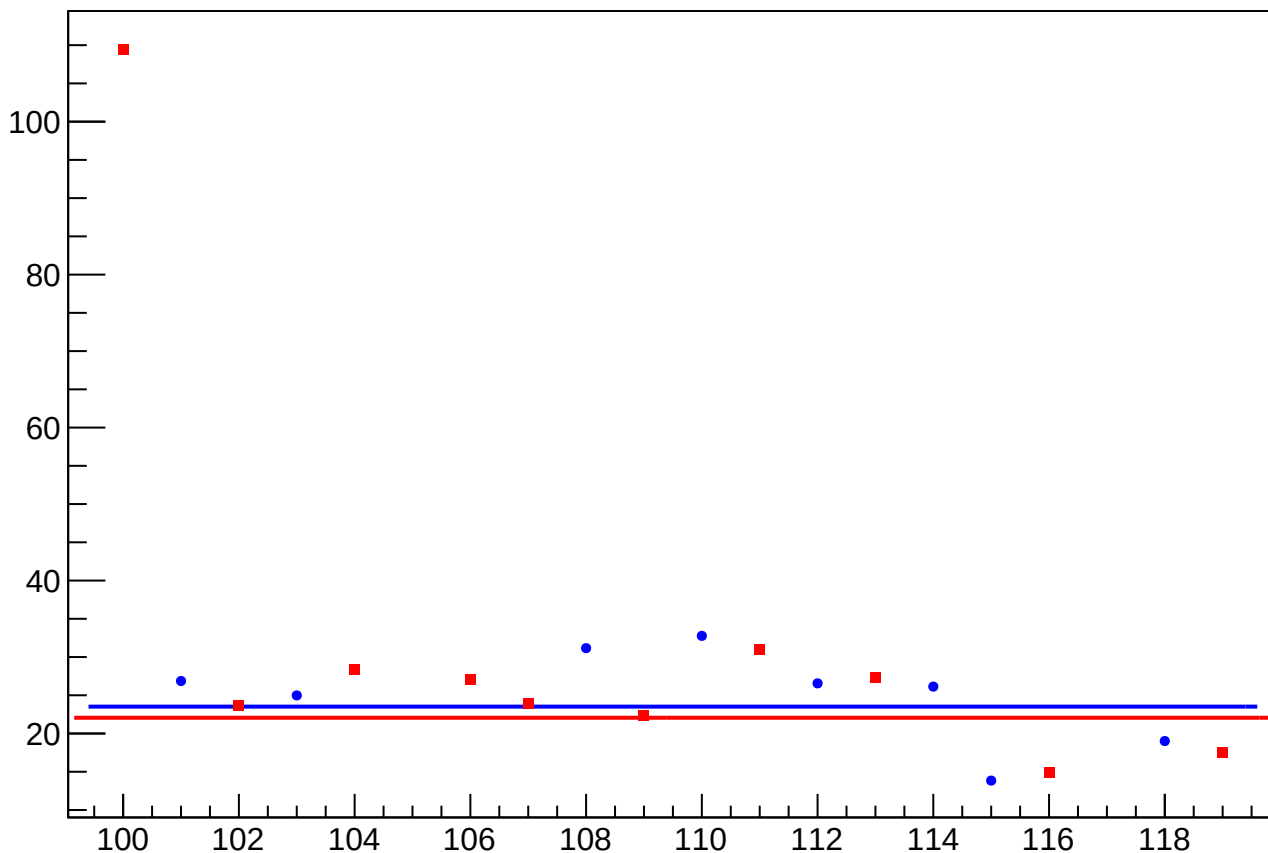
Right: -0.016 ± 0.009 χ^2/NDF : 16.0/17

In: -0.011 ± 0.014 χ^2/NDF : 3.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.009 χ^2/NDF : 16.0/17

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.516+/-0.010 χ^2/NDF : 330267.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.062+/-0.008 χ^2/NDF : 456625.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

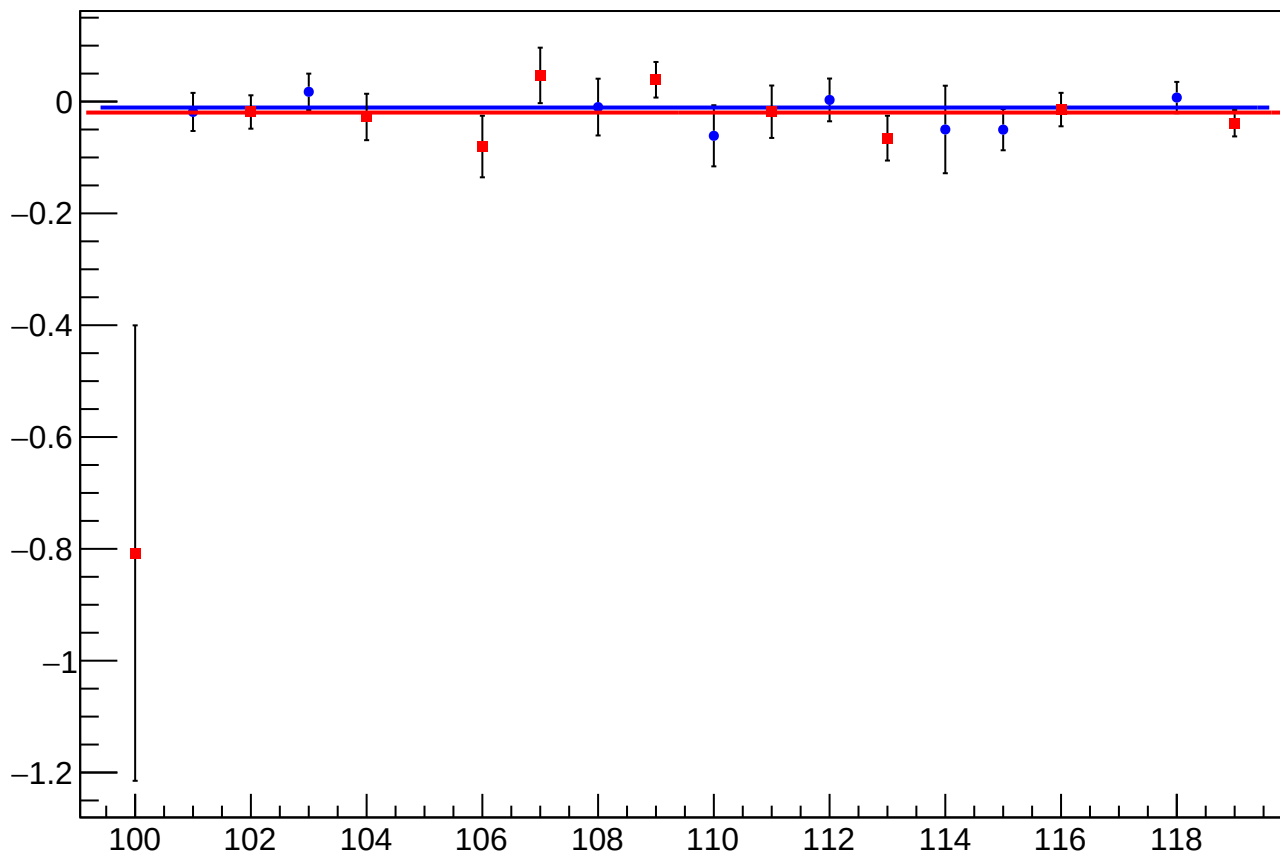
Right: 22.673+/-0.006 χ^2/NDF : 800110.7/17

In: 23.516+/-0.010 χ^2/NDF : 330267.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.673+/-0.006 χ^2/NDF : 800110.7/17

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.014 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

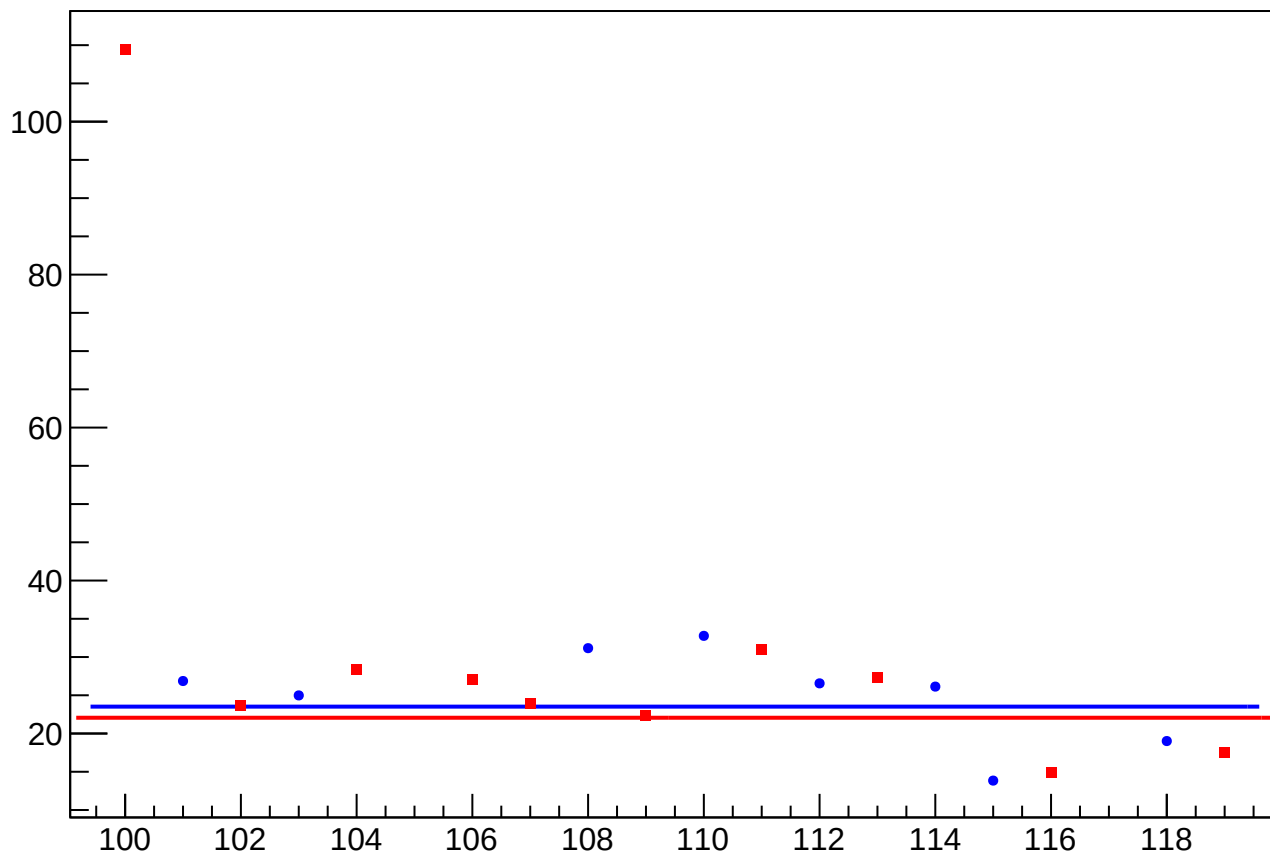
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: -0.011 $\pm$ 0.014 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.516+/-0.010 χ^2/NDF : 330267.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.062+/-0.008 χ^2/NDF : 456625.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

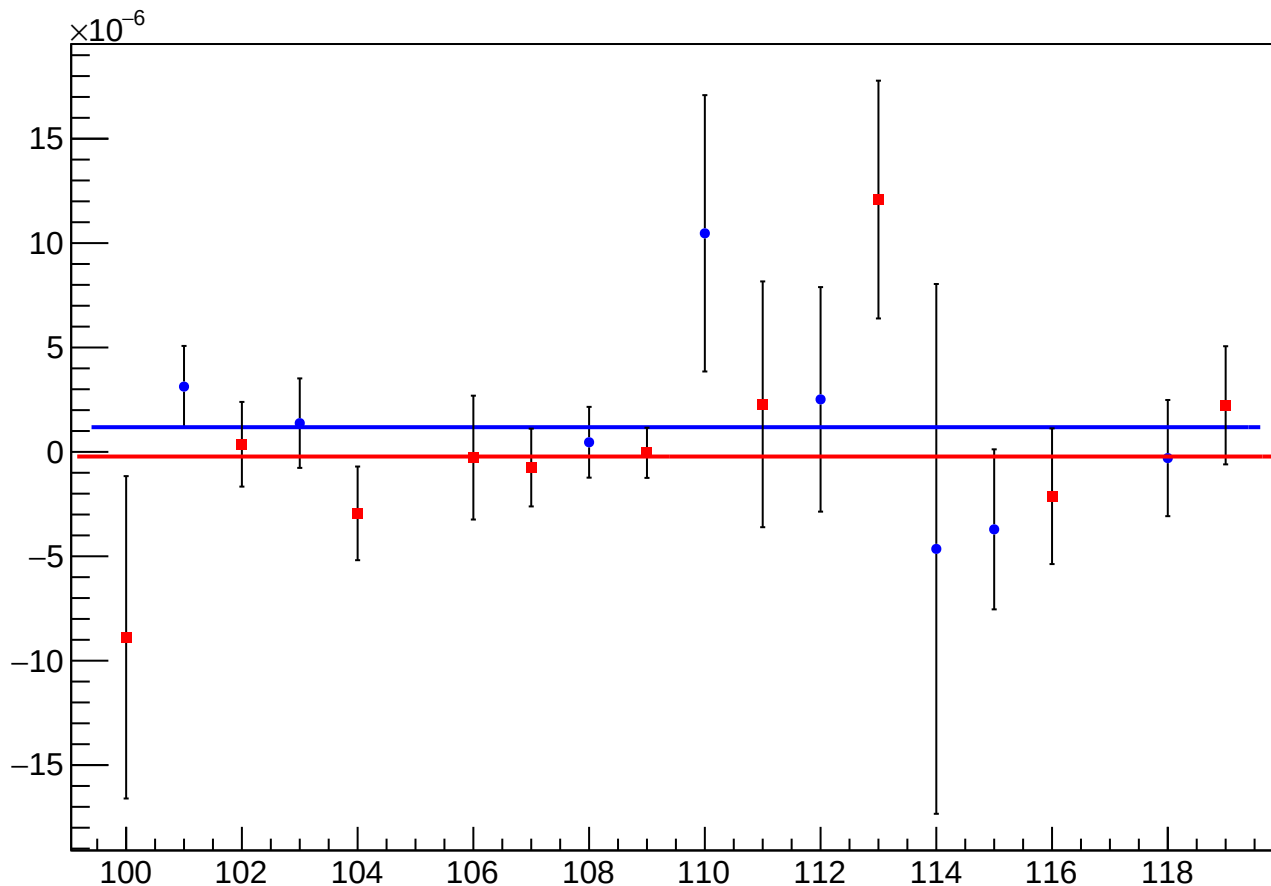
Right: 22.673+/-0.006 χ^2/NDF : 800110.7/17

In: 23.516+/-0.010 χ^2/NDF : 330267.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.673+/-0.006 χ^2/NDF : 800110.7/17

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

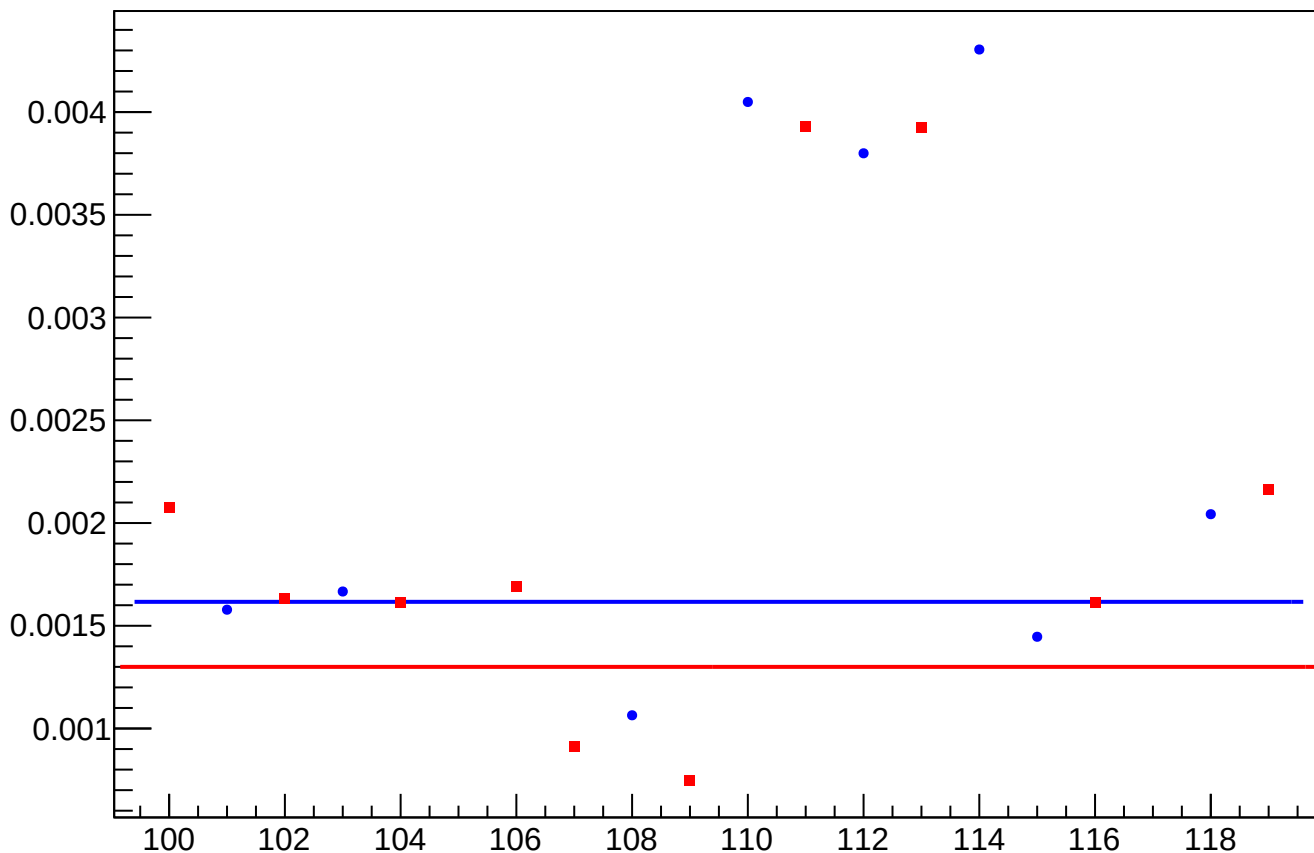
Right: 0.000+/-0.000 χ^2/NDF : 15.6/17

In: 0.000+/-0.000 χ^2/NDF : 5.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.6/17

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 954722.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1686677.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

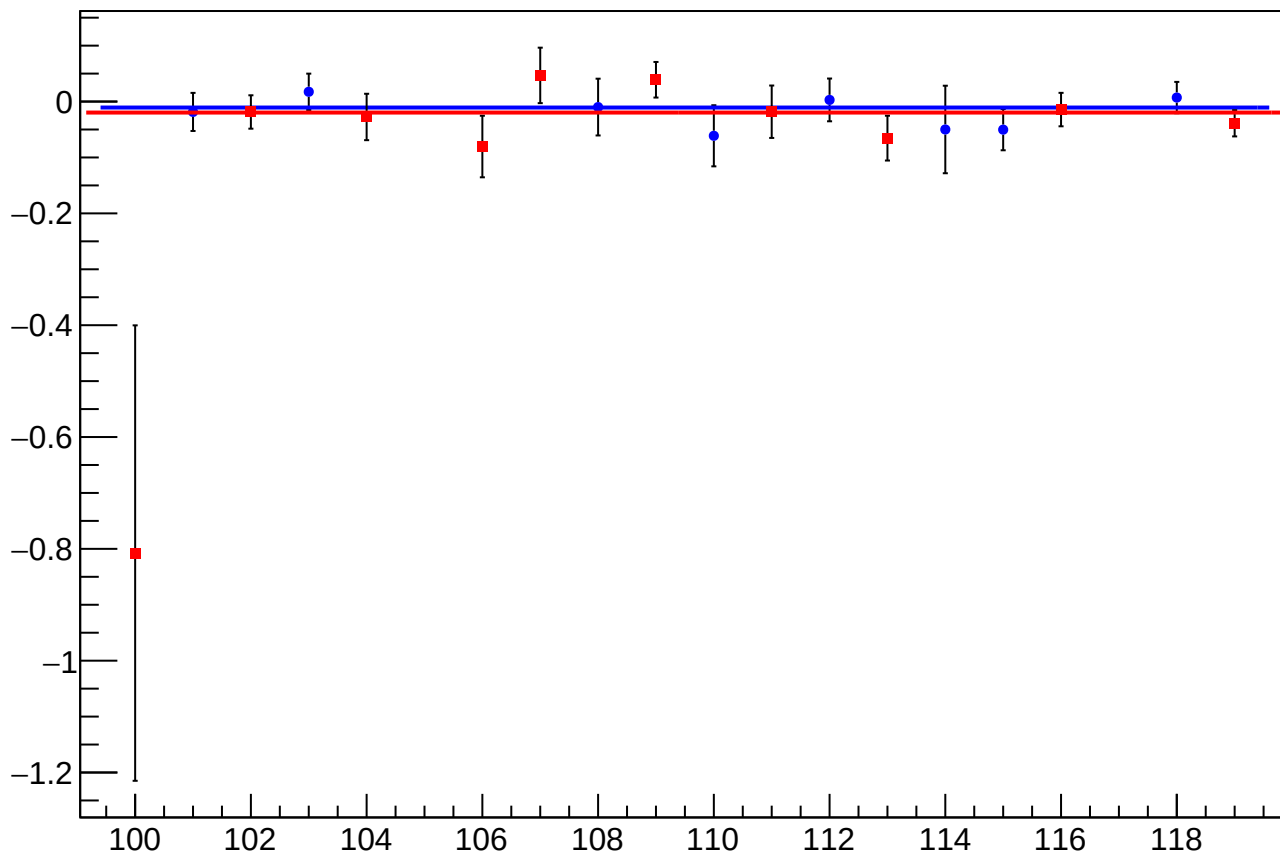
Right: 0.001+/-0.000 χ^2/NDF : 2778342.6/17

In: 0.002+/-0.000 χ^2/NDF : 954722.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2778342.6/17

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.014 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

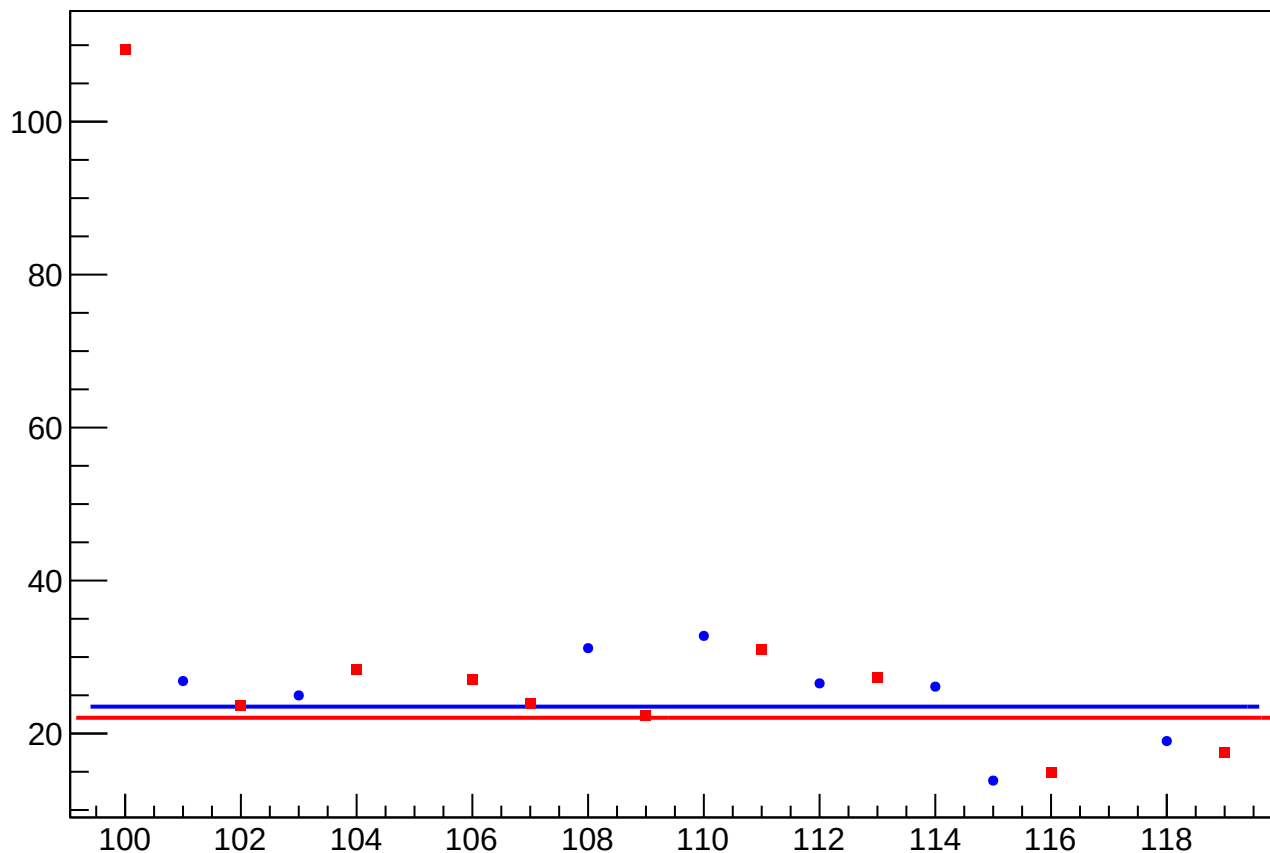
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: -0.011 $\pm$ 0.014 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.515+/-0.010 χ^2/NDF : 330210.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.061+/-0.008 χ^2/NDF : 456582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

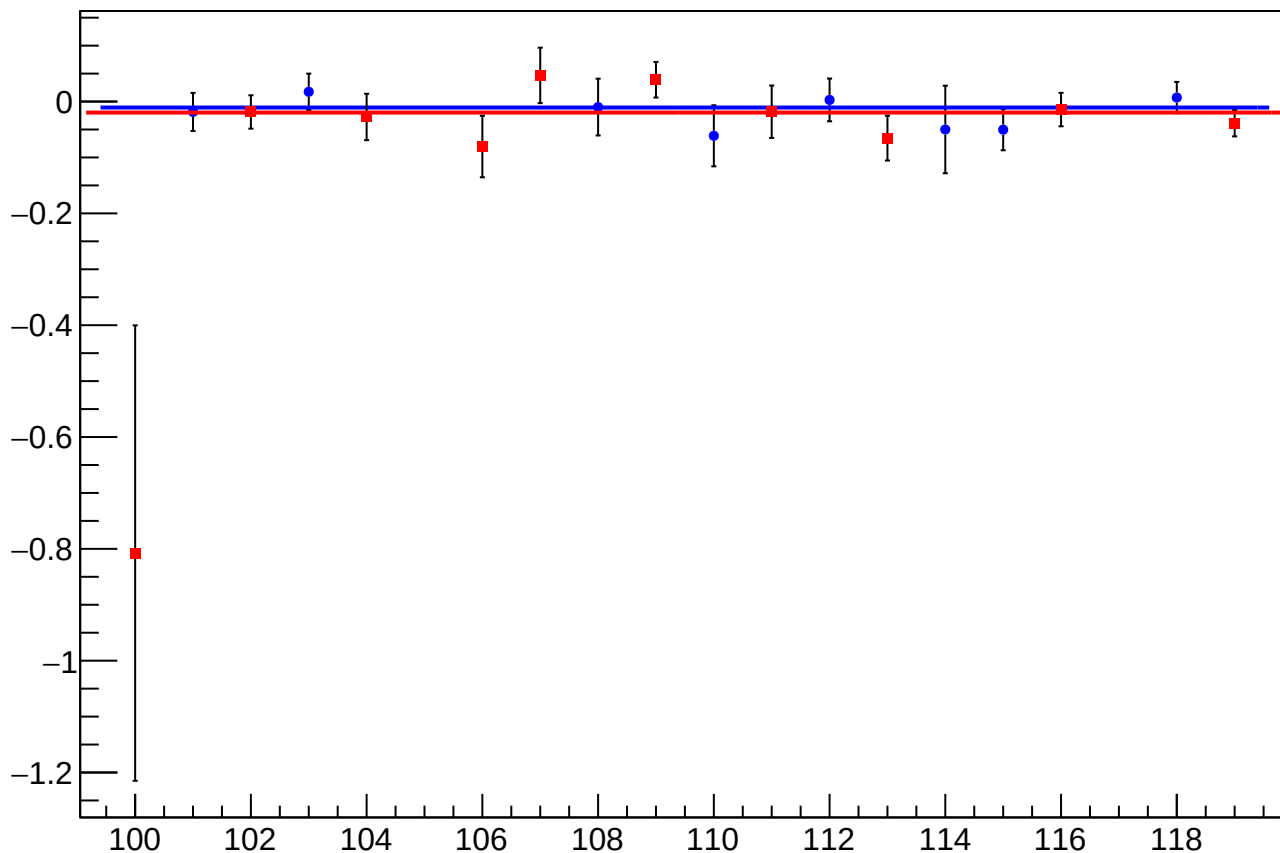
Right: 22.672+/-0.006 χ^2/NDF : 800016.7/17

In: 23.515+/-0.010 χ^2/NDF : 330210.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.672+/-0.006 χ^2/NDF : 800016.7/17

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.011 $\pm$ 0.014 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.012 χ^2 /NDF: 12.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

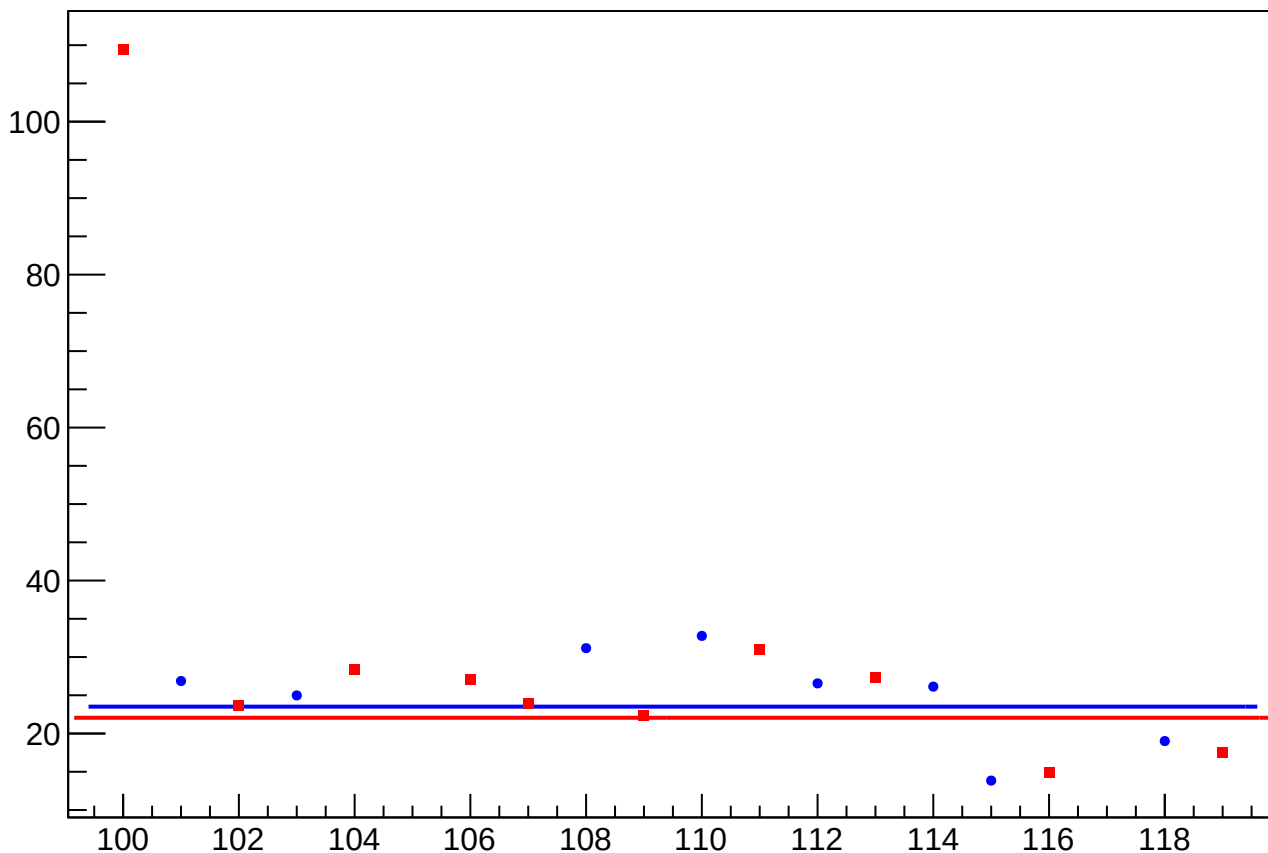
Right: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

In: -0.011 $\pm$ 0.014 χ^2 /NDF:3.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.016 $\pm$ 0.009 χ^2 /NDF: 16.0/17

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.515+/-0.010 χ^2/NDF : 330210.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.061+/-0.008 χ^2/NDF : 456582.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

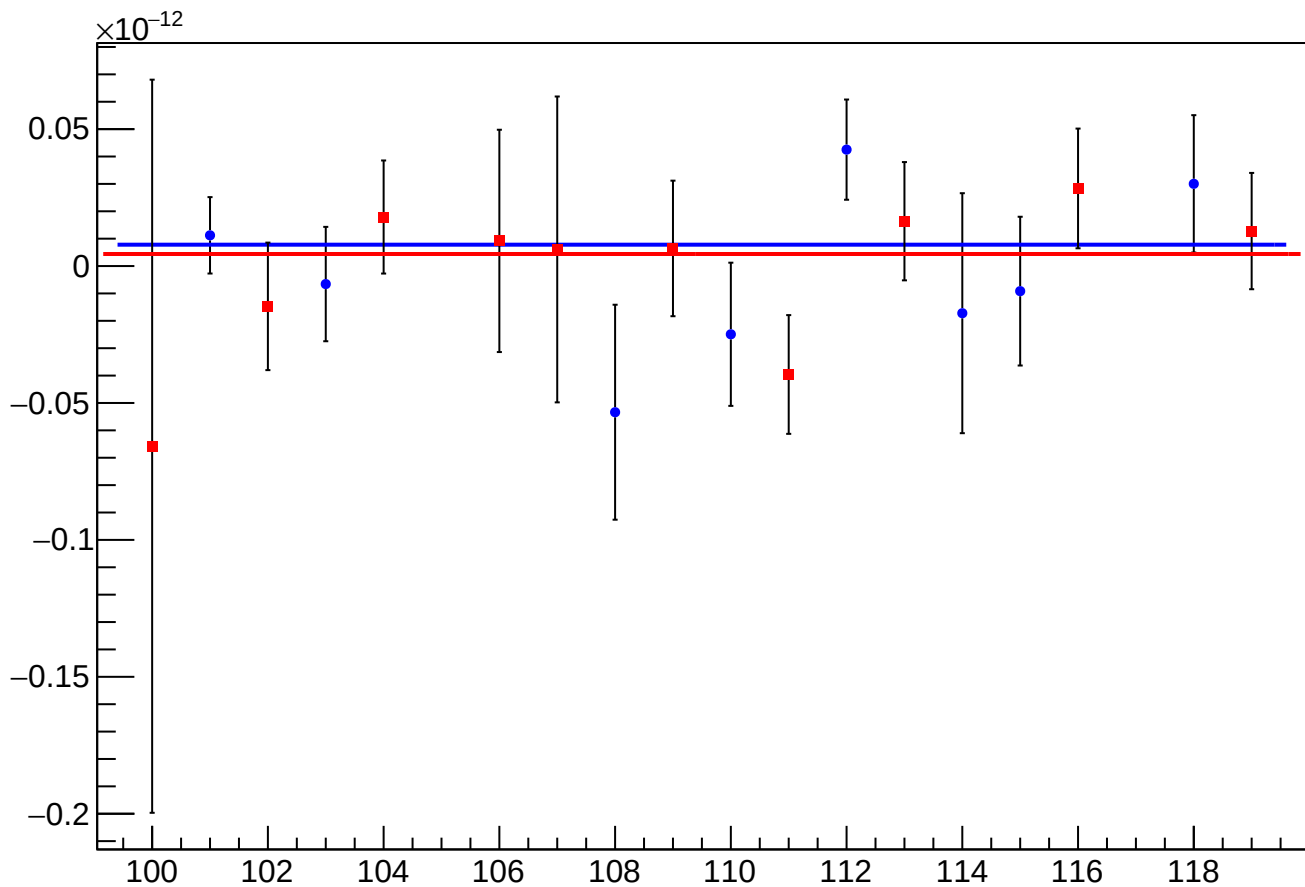
Right: 22.672+/-0.006 χ^2/NDF : 800016.7/17

In: 23.515+/-0.010 χ^2/NDF : 330210.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.672+/-0.006 χ^2/NDF : 800016.7/17

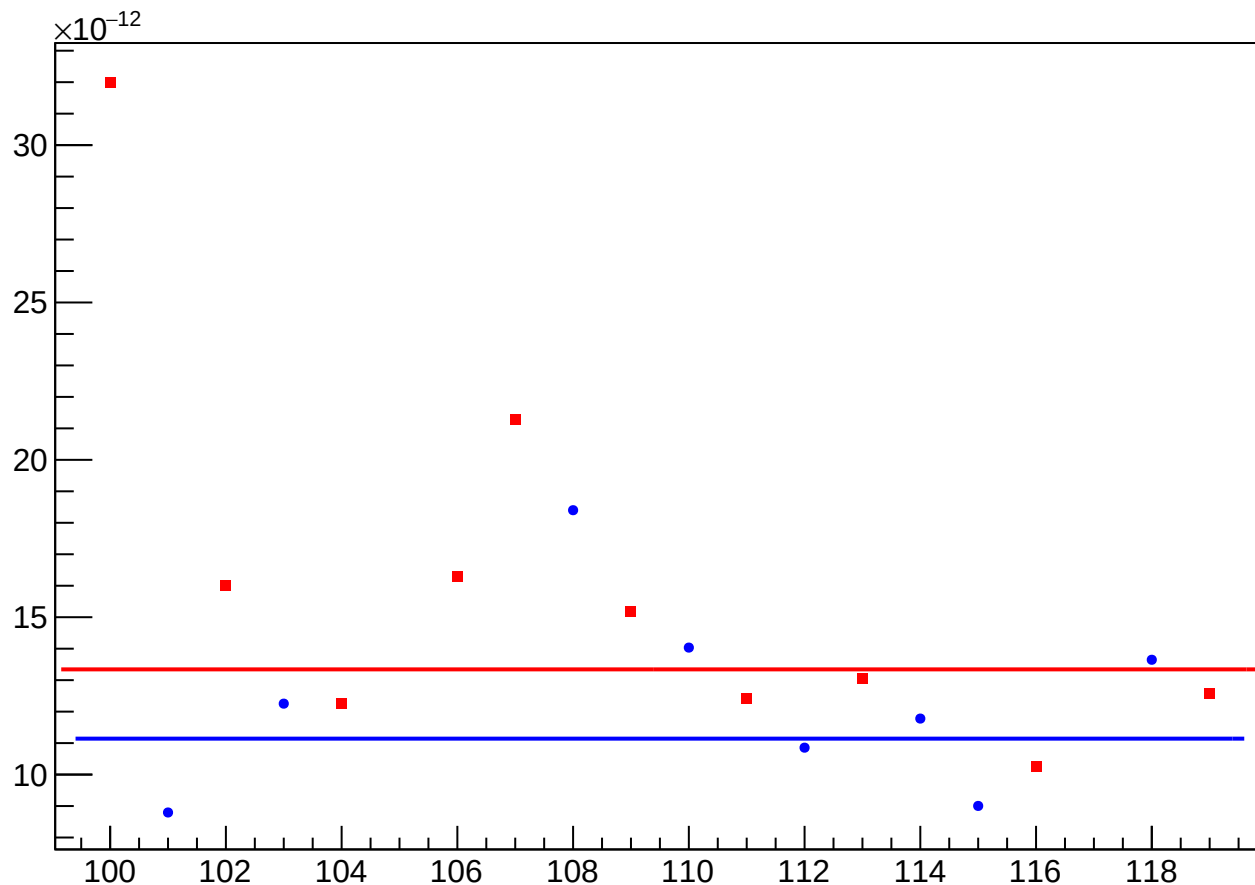
asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 0.000+/-0.000 χ^2/NDF : 7.2/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.000+/-0.000 χ^2/NDF : 16.9/17
 In: 0.000+/-0.000 χ^2/NDF : 9.6/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.000+/-0.000 χ^2/NDF : 16.9/17

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 188415.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 178914.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

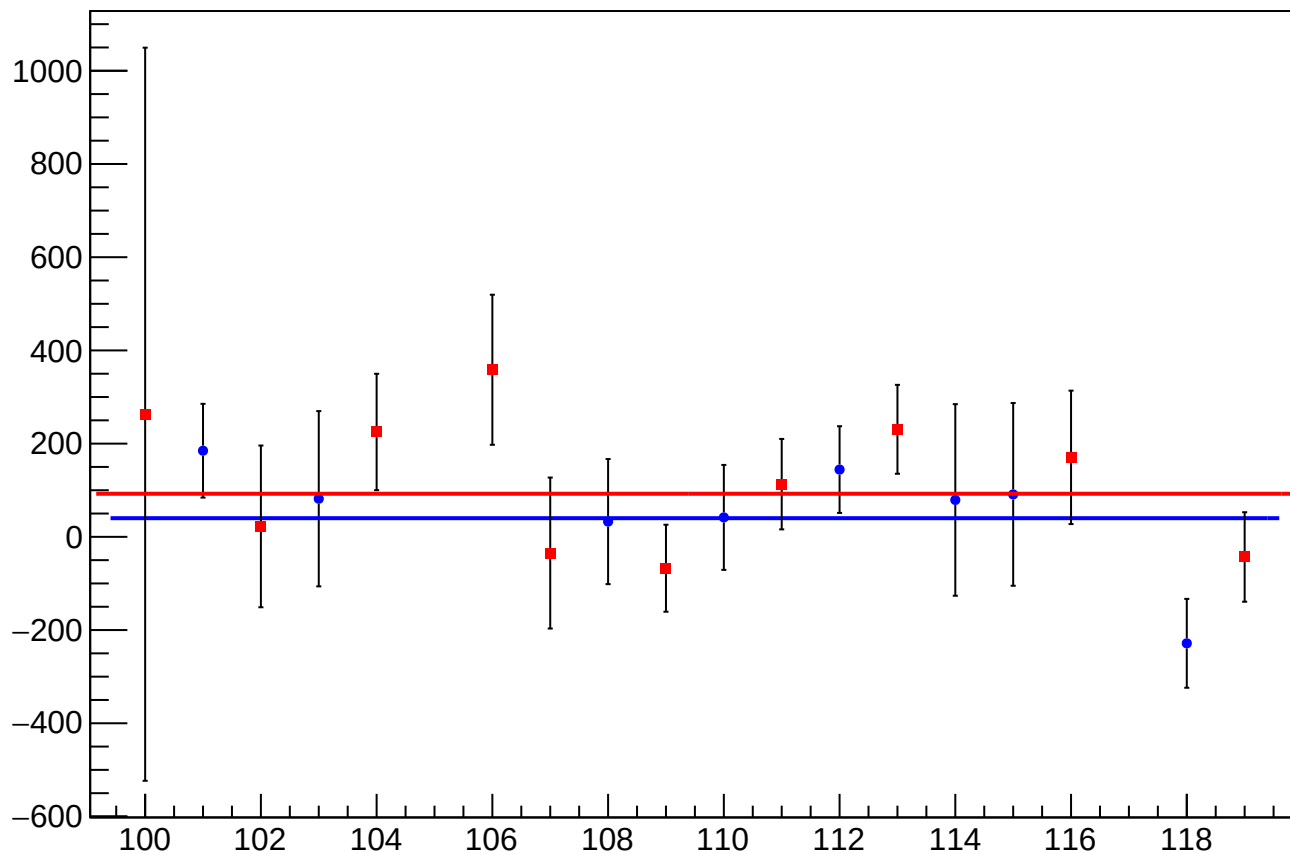
Right: 0.000+/-0.000 χ^2/NDF : 443307.1/17

In: 0.000+/-0.000 χ^2/NDF : 188415.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 443307.1/17

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 40.031+/-43.157 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.465+/-38.810 χ^2/NDF : 12.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

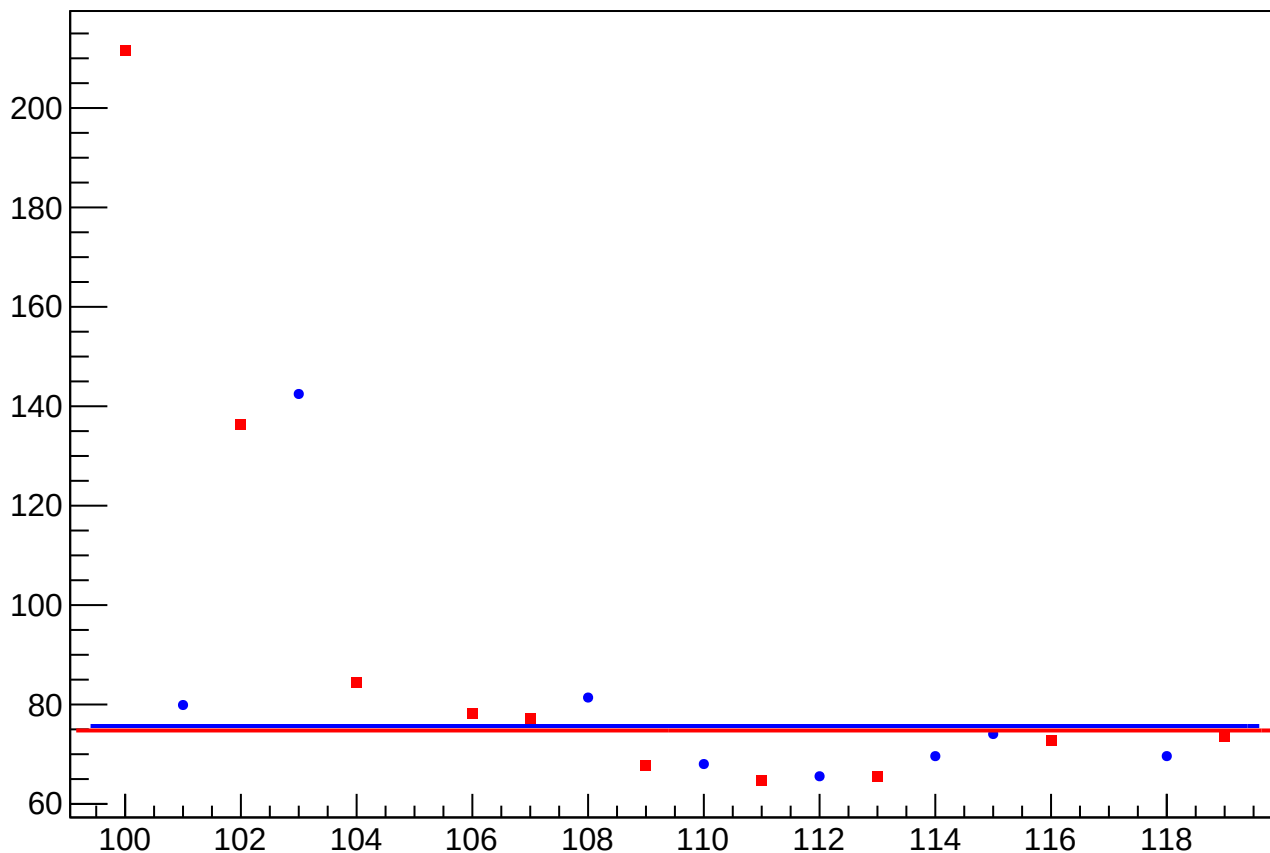
Right: 69.021+/-28.858 χ^2/NDF : 24.3/17

In: 40.031+/-43.157 χ^2/NDF : 11.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.021+/-28.858 χ^2/NDF : 24.3/17

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.674+/-0.031 χ^2/NDF : 302364.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.775+/-0.027 χ^2/NDF : 378250.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

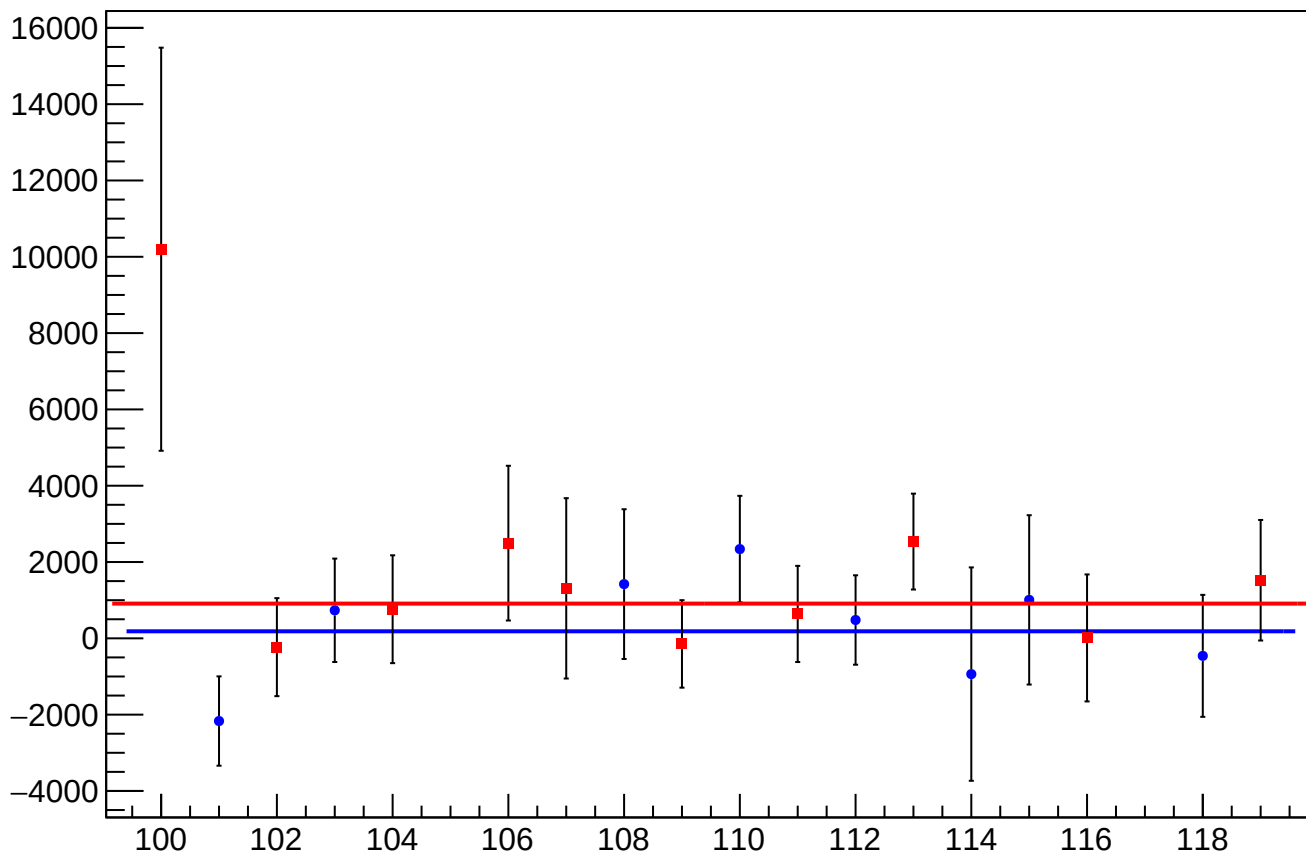
Right: 75.177+/-0.020 χ^2/NDF : 681095.4/17

In: 75.674+/-0.031 χ^2/NDF :302364.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.177+/-0.020 χ^2/NDF : 681095.4/17

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 184.390+/-534.647 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 910.446+/-479.438 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

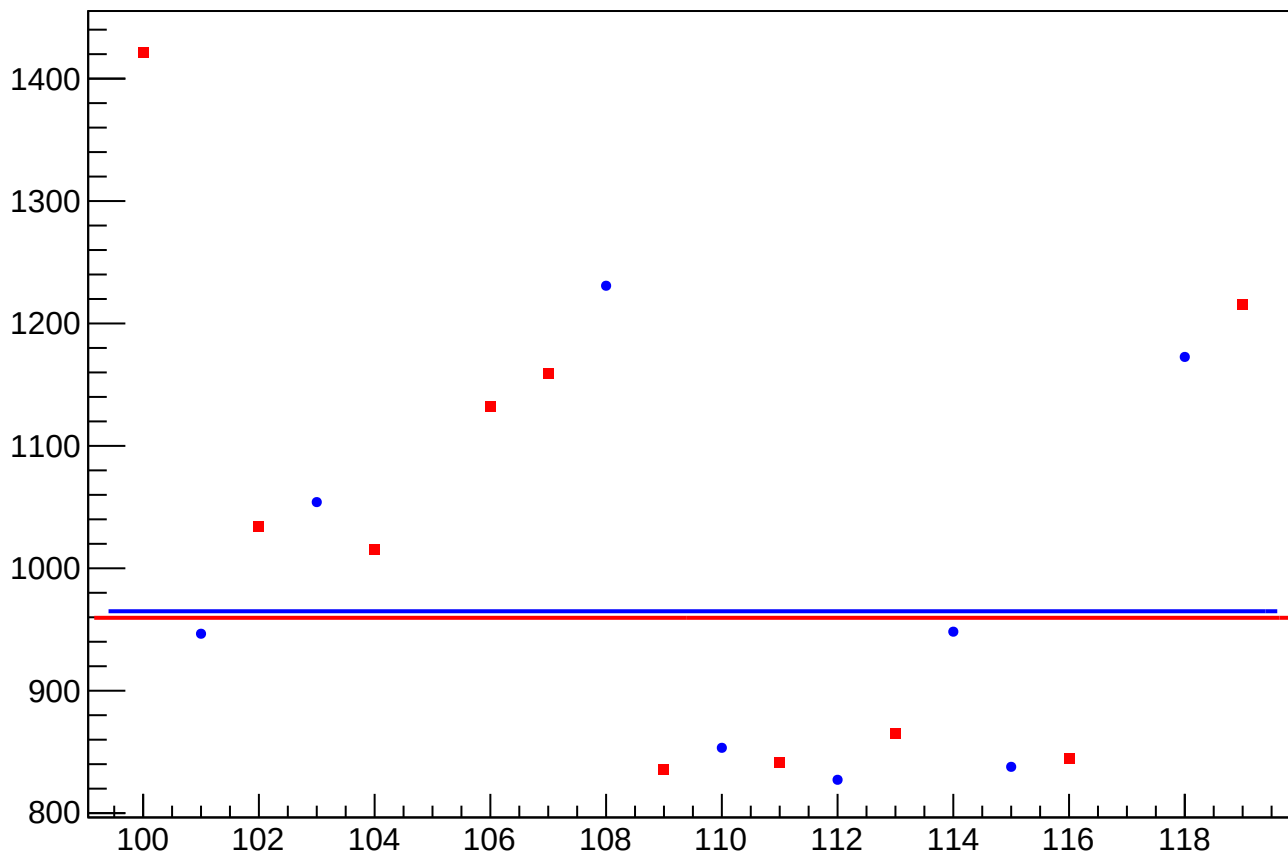
Right: 586.830+/-356.942 χ^2/NDF : 16.1/17

In: 184.390+/-534.647 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.830+/-356.942 χ^2/NDF : 16.1/17

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 964.919+/-0.378 χ^2/NDF : 126697.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.564+/-0.339 χ^2/NDF : 168271.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

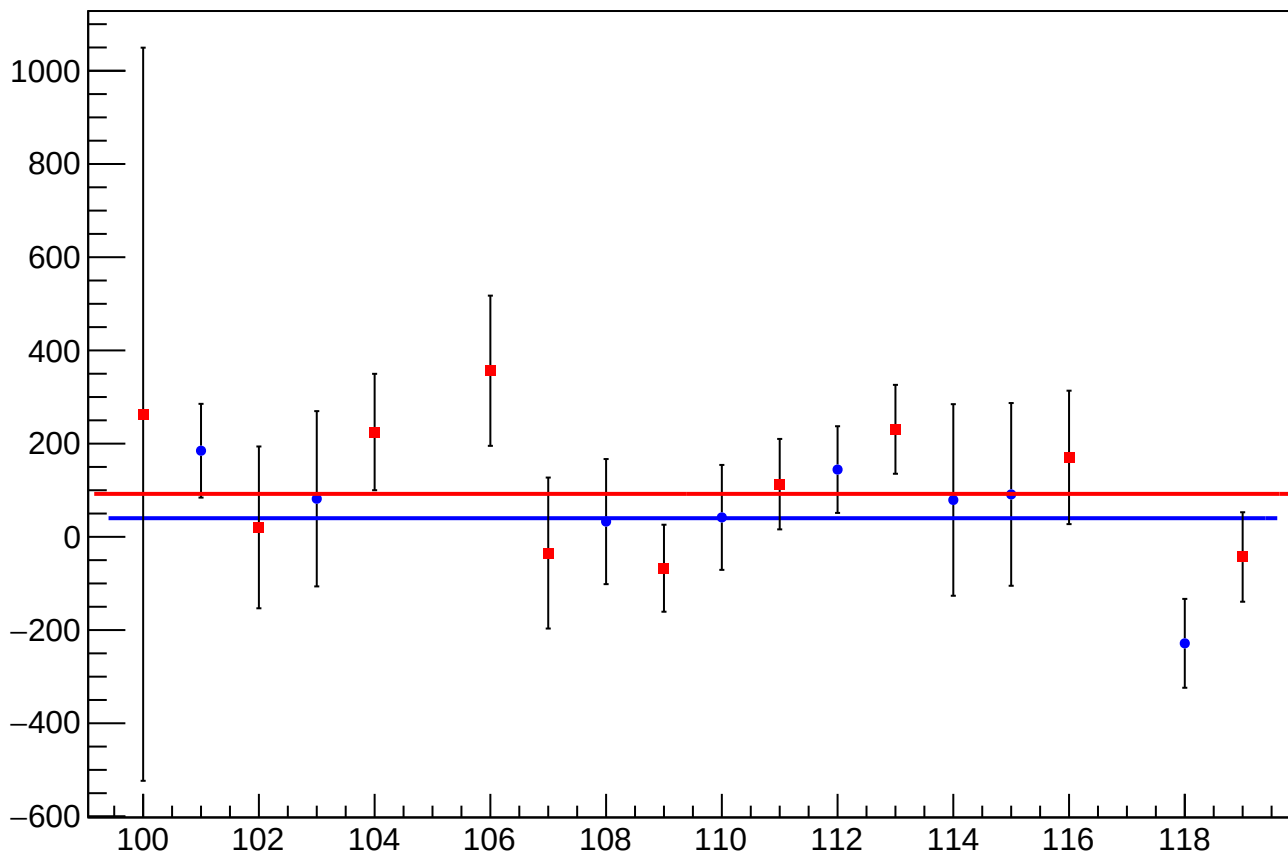
Right: 961.951+/-0.252 χ^2/NDF : 295079.7/17

In: 964.919+/-0.378 χ^2/NDF : 126697.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 961.951+/-0.252 χ^2/NDF : 295079.7/17

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 40.018+/-43.157 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.197+/-38.813 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

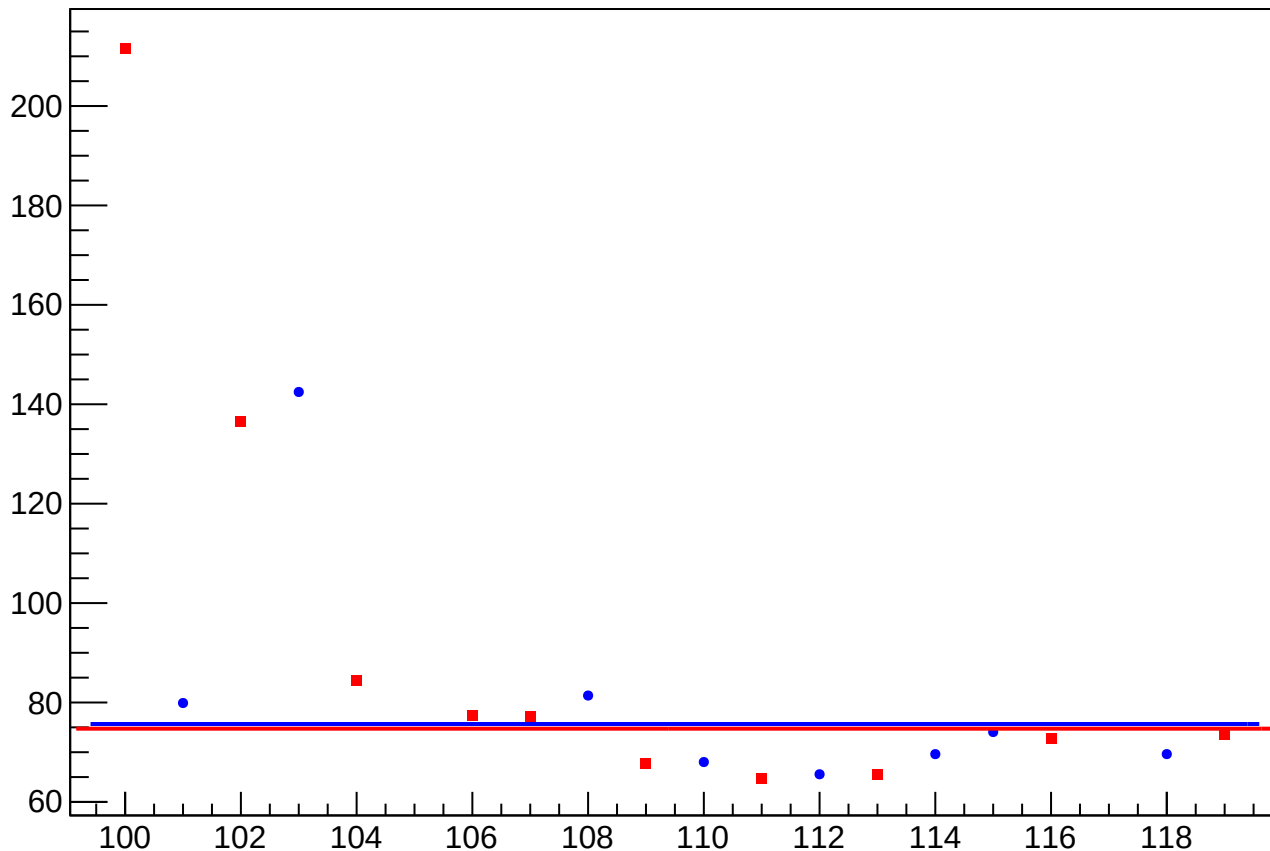
Right: 68.865+/-28.859 χ^2/NDF : 24.2/17

In: 40.018+/-43.157 χ^2/NDF : 11.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.865+/-28.859 χ^2/NDF : 24.2/17

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.674+/-0.031 χ^2/NDF : 302367.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.734+/-0.027 χ^2/NDF : 378198.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

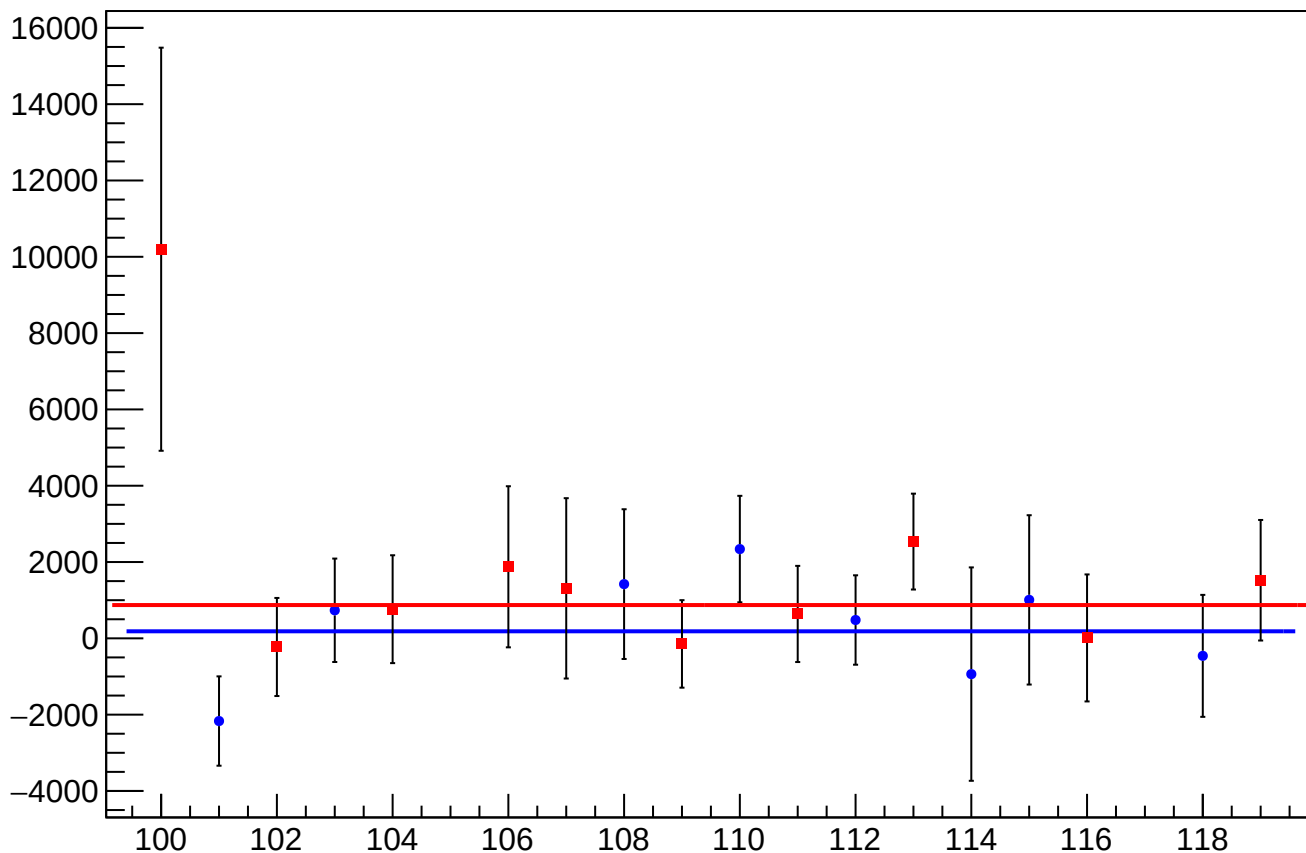
Right: 75.154+/-0.020 χ^2/NDF : 681091.1/17

In: 75.674+/-0.031 χ^2/NDF :302367.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.154+/-0.020 χ^2/NDF : 681091.1/17

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 184.468+/-534.654 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 872.390+/-480.531 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

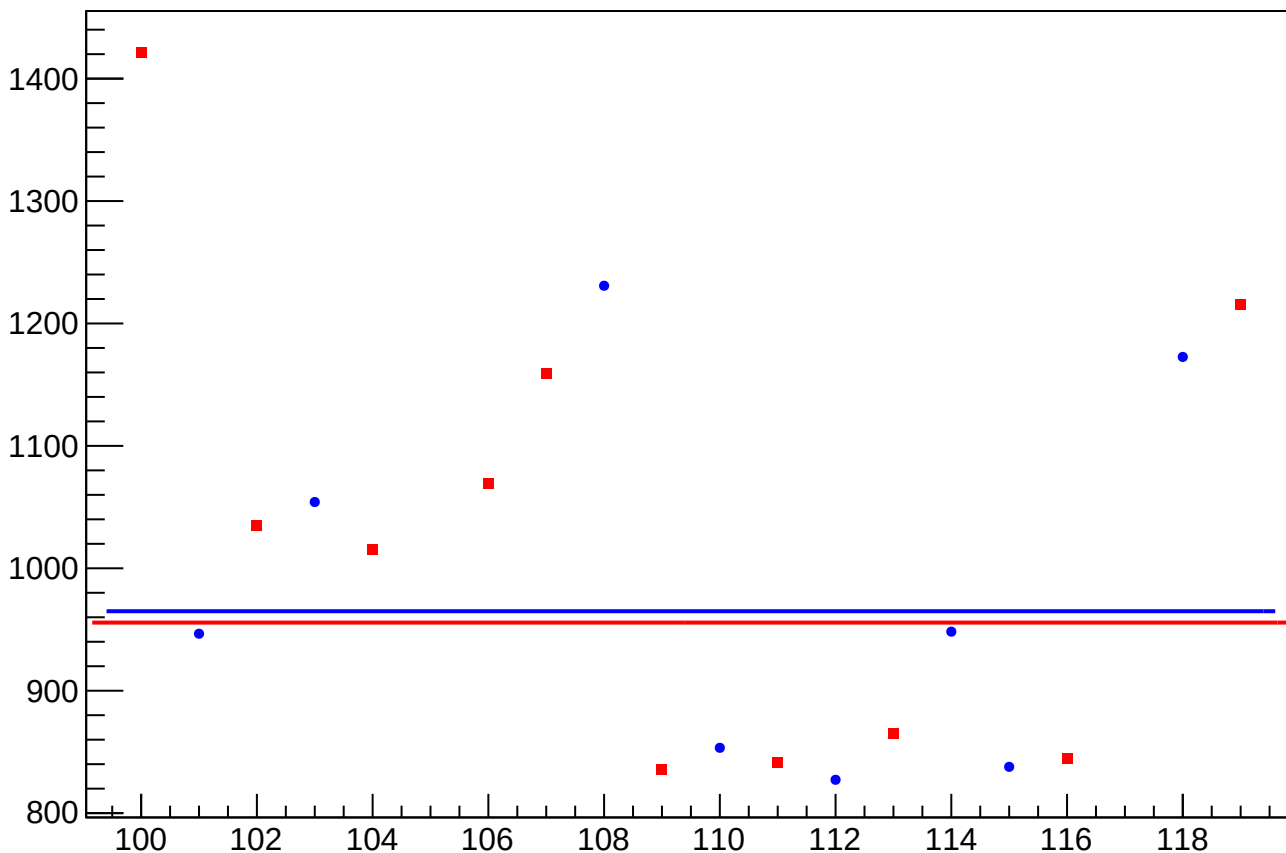
Right: 565.001+/-357.395 χ^2/NDF : 15.6/17

In: 184.468+/-534.654 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.001+/-357.395 χ^2/NDF : 15.6/17

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 964.930+/-0.378 χ^2/NDF : 126711.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.656+/-0.340 χ^2/NDF : 159204.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

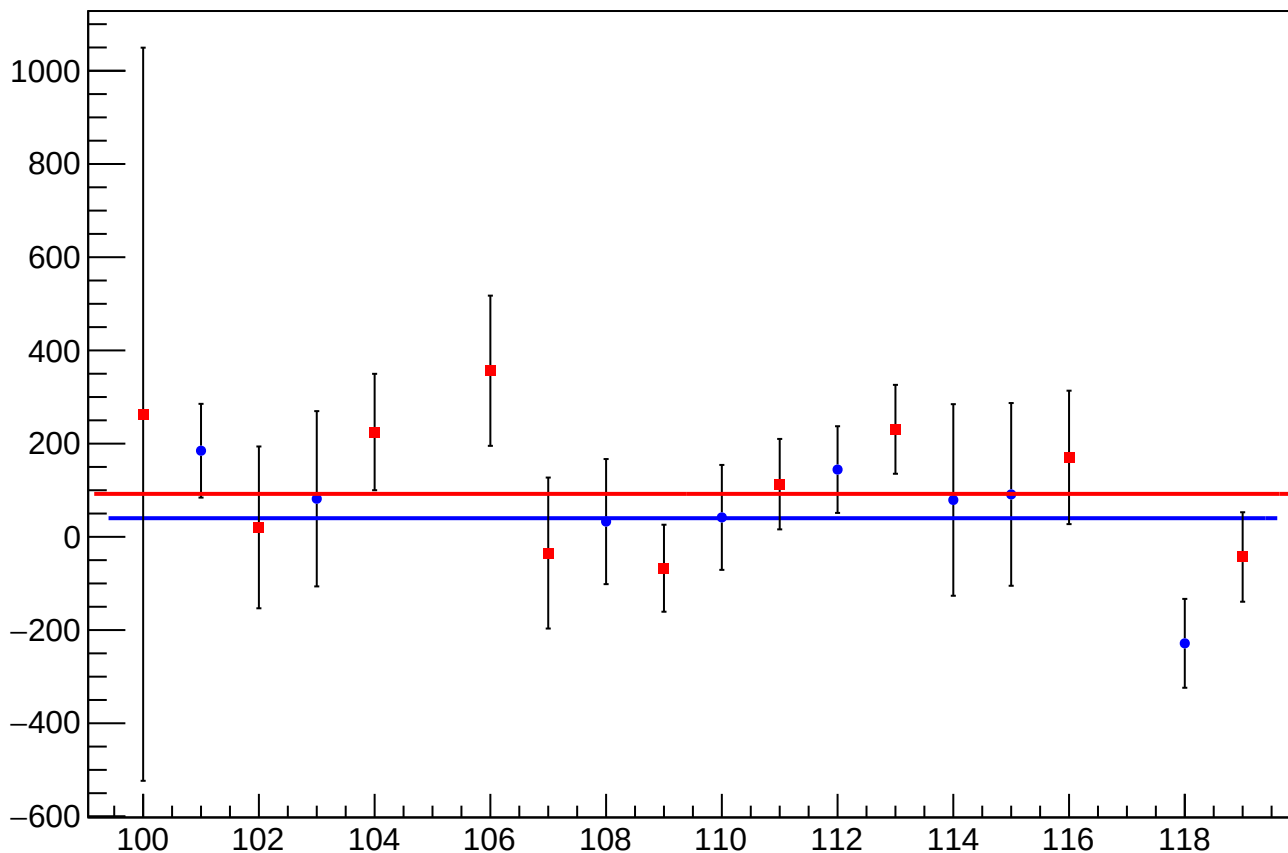
Right: 959.800+/-0.253 χ^2/NDF : 286249.1/17

In: 964.930+/-0.378 χ^2/NDF : 126711.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.800+/-0.253 χ^2/NDF : 286249.1/17

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 40.018+/-43.157 χ^2/NDF : 11.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 92.197+/-38.813 χ^2/NDF : 12.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

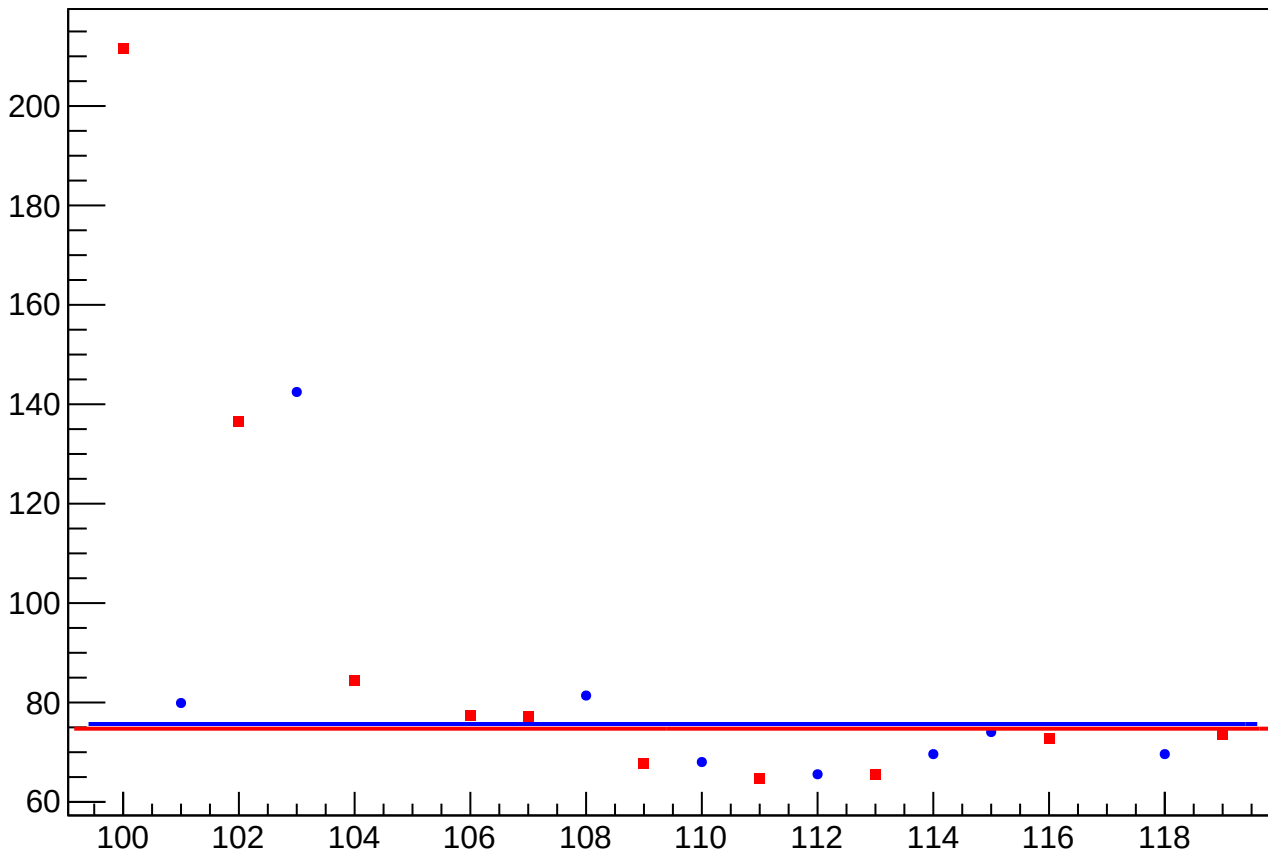
Right: 68.865+/-28.859 χ^2/NDF : 24.2/17

In: 40.018+/-43.157 χ^2/NDF :11.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 68.865+/-28.859 χ^2/NDF : 24.2/17

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 75.674+/-0.031 χ^2/NDF : 302367.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 74.734+/-0.027 χ^2/NDF : 378198.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

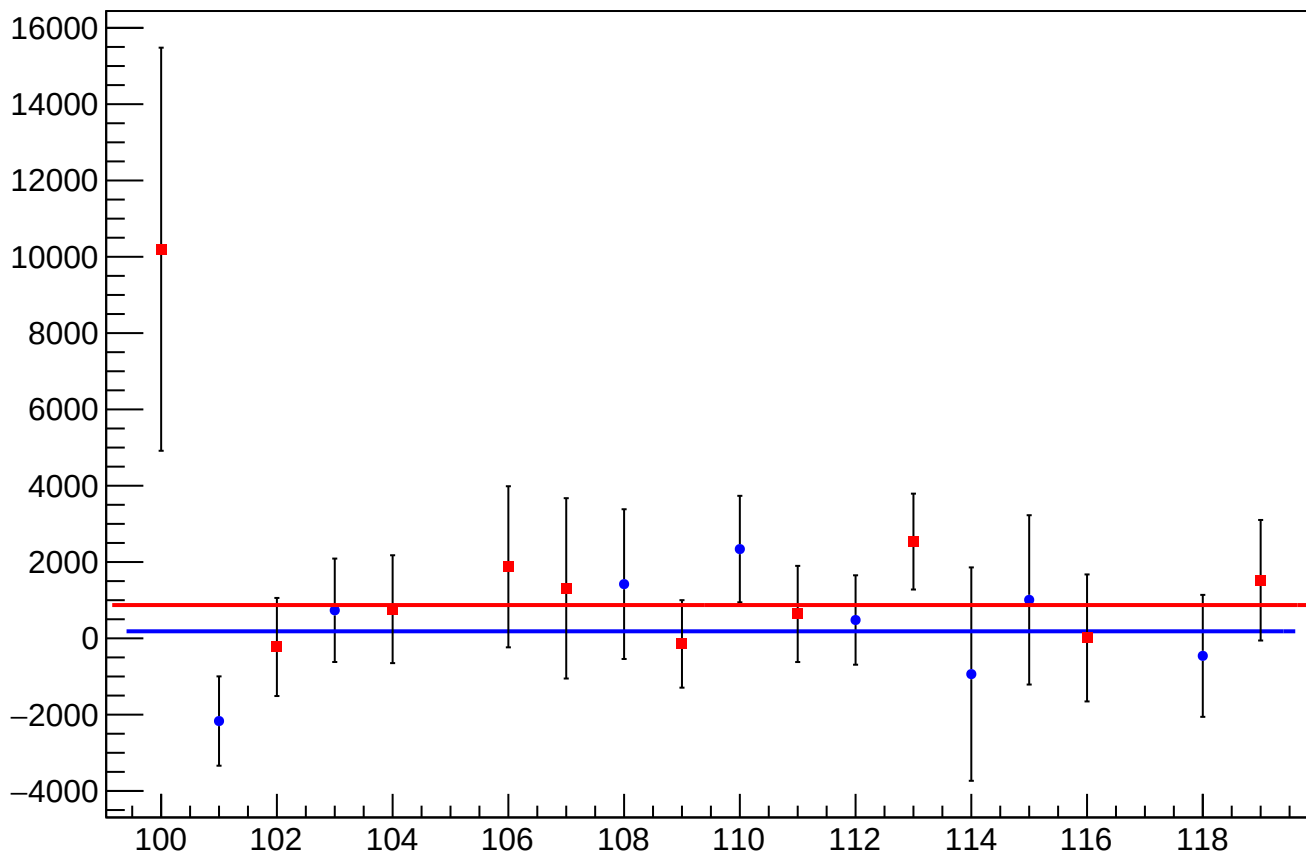
Right: 75.154+/-0.020 χ^2/NDF : 681091.1/17

In: 75.674+/-0.031 χ^2/NDF :302367.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 75.154+/-0.020 χ^2/NDF : 681091.1/17

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 184.468+/-534.654 χ^2/NDF : 7.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 872.390+/-480.531 χ^2/NDF : 7.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

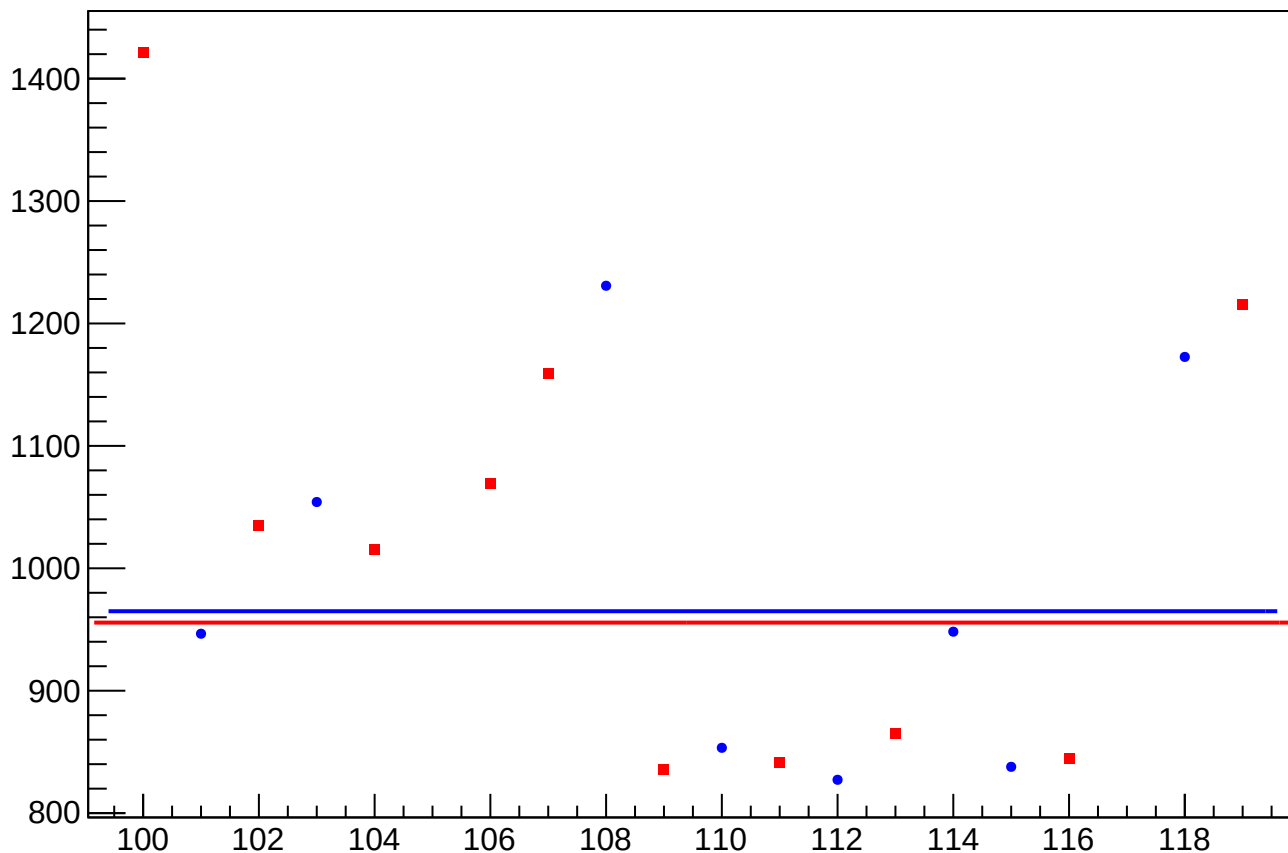
Right: 565.001+/-357.395 χ^2/NDF : 15.6/17

In: 184.468+/-534.654 χ^2/NDF : 7.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.001+/-357.395 χ^2/NDF : 15.6/17

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 964.930+/-0.378 χ^2/NDF : 126711.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.656+/-0.340 χ^2/NDF : 159204.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

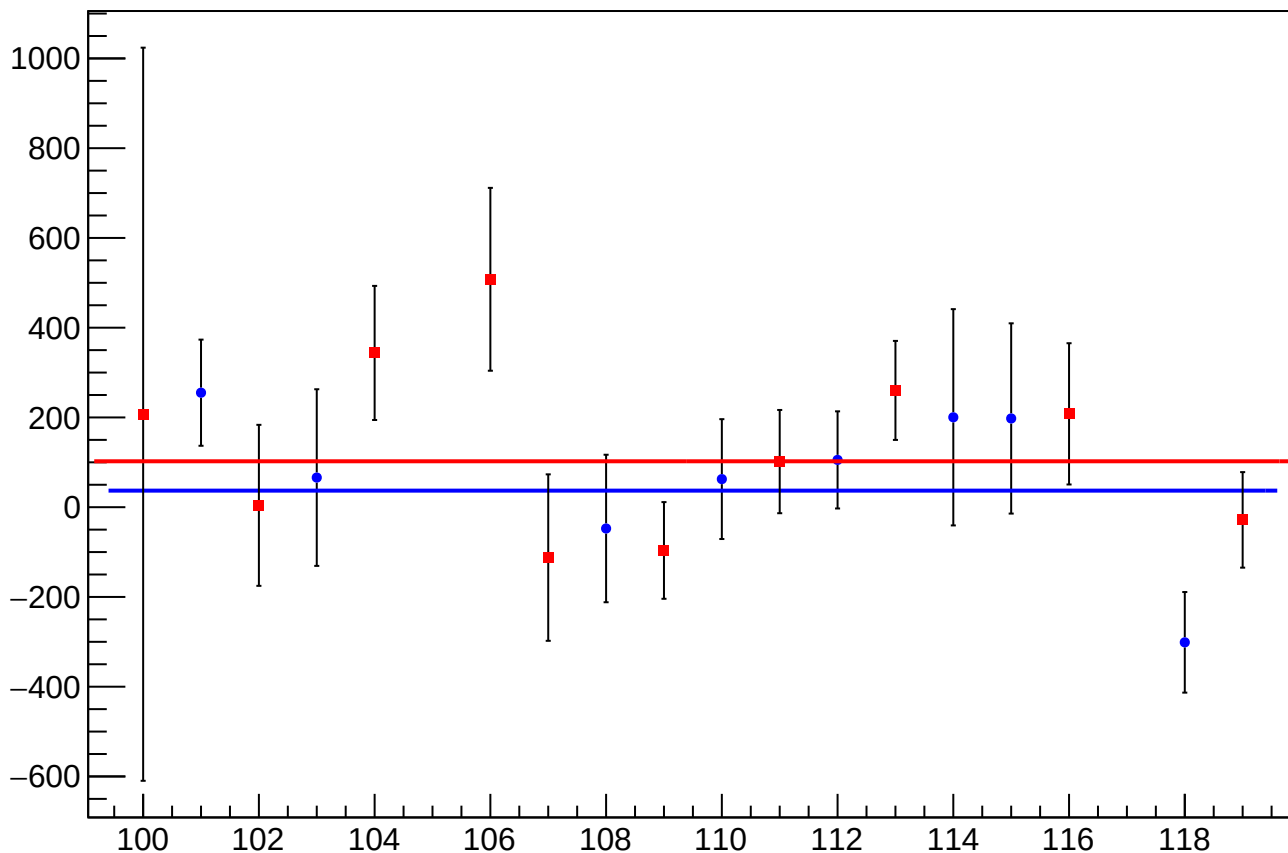
Right: 959.800+/-0.253 χ^2/NDF : 286249.1/17

In: 964.930+/-0.378 χ^2/NDF : 126711.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.800+/-0.253 χ^2/NDF : 286249.1/17

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 36.908+/-50.327 χ^2/NDF : 14.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.312+/-44.586 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

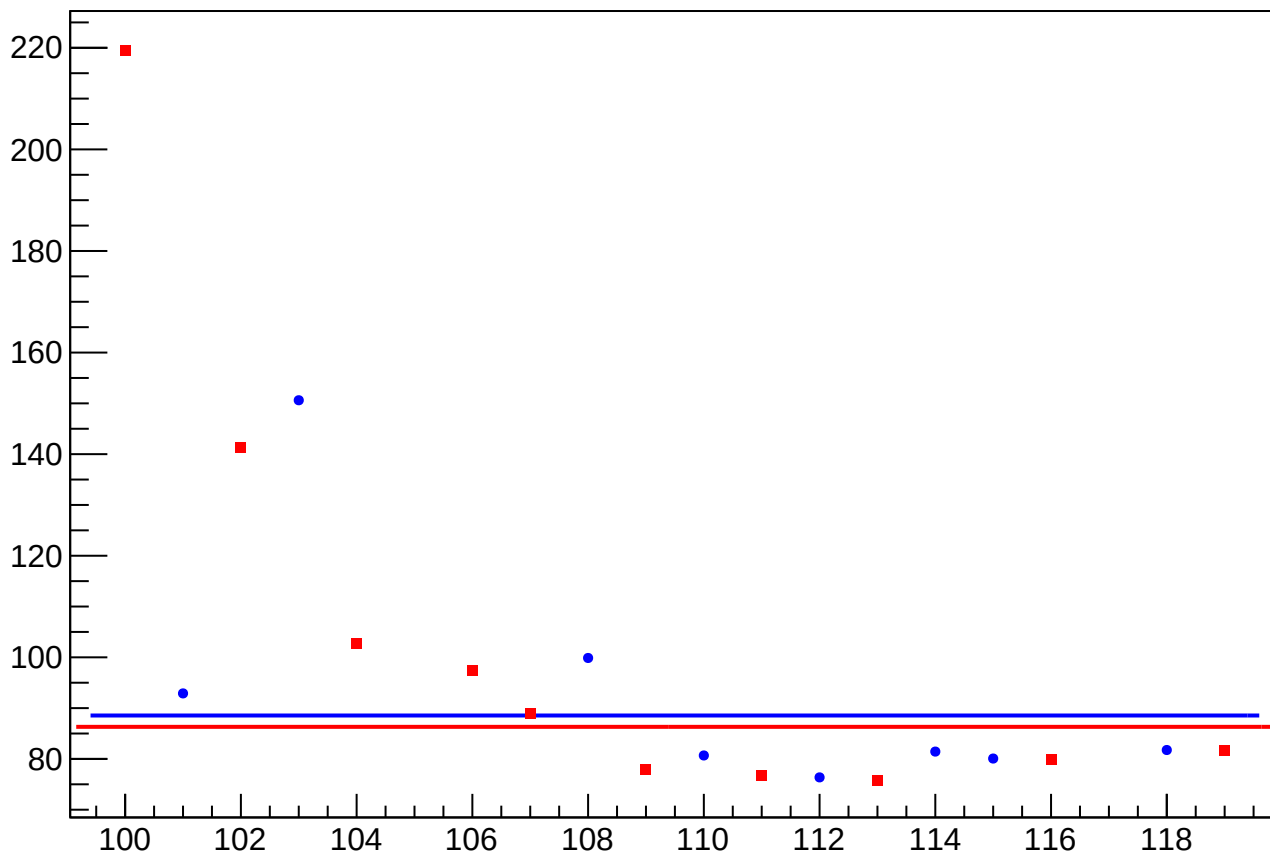
Right: 73.551+/-33.373 χ^2/NDF : 30.8/17

In: 36.908+/-50.327 χ^2/NDF : 14.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.551+/-33.373 χ^2/NDF : 30.8/17

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 88.546 $\pm$ 0.036 χ^2 /NDF: 255663.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.315 $\pm$ 0.032 χ^2 /NDF: 323028.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

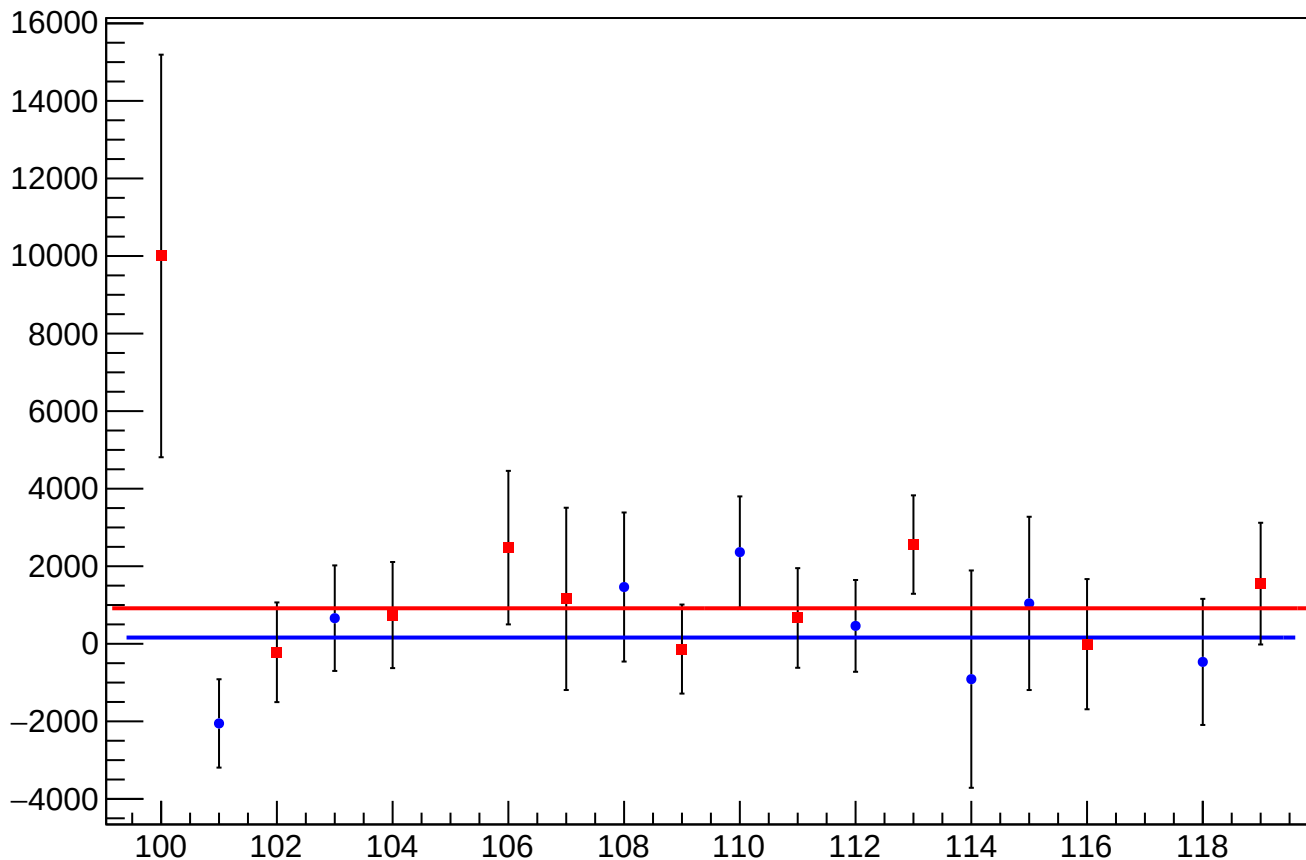
Right: 87.296 $\pm$ 0.024 χ^2 /NDF: 580895.0/17

In: 88.546 $\pm$ 0.036 χ^2 /NDF:255663.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.296 $\pm$ 0.024 χ^2 /NDF: 580895.0/17

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 161.203+/-535.648 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.890+/-478.995 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

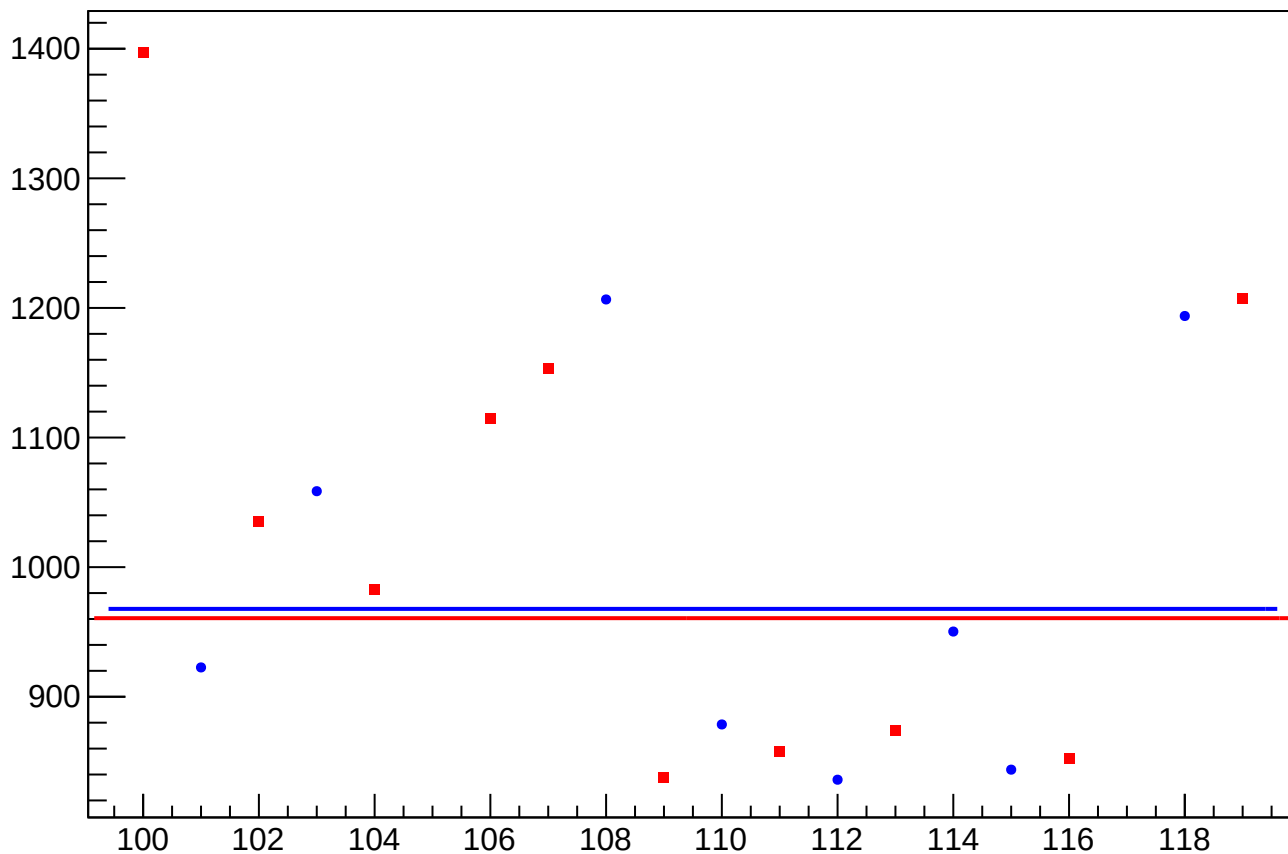
Right: 580.554+/-357.056 χ^2/NDF : 15.9/17

In: 161.203+/-535.648 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.554+/-357.056 χ^2/NDF : 15.9/17

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 967.803+/-0.379 χ^2/NDF : 120297.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.631+/-0.339 χ^2/NDF : 149628.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

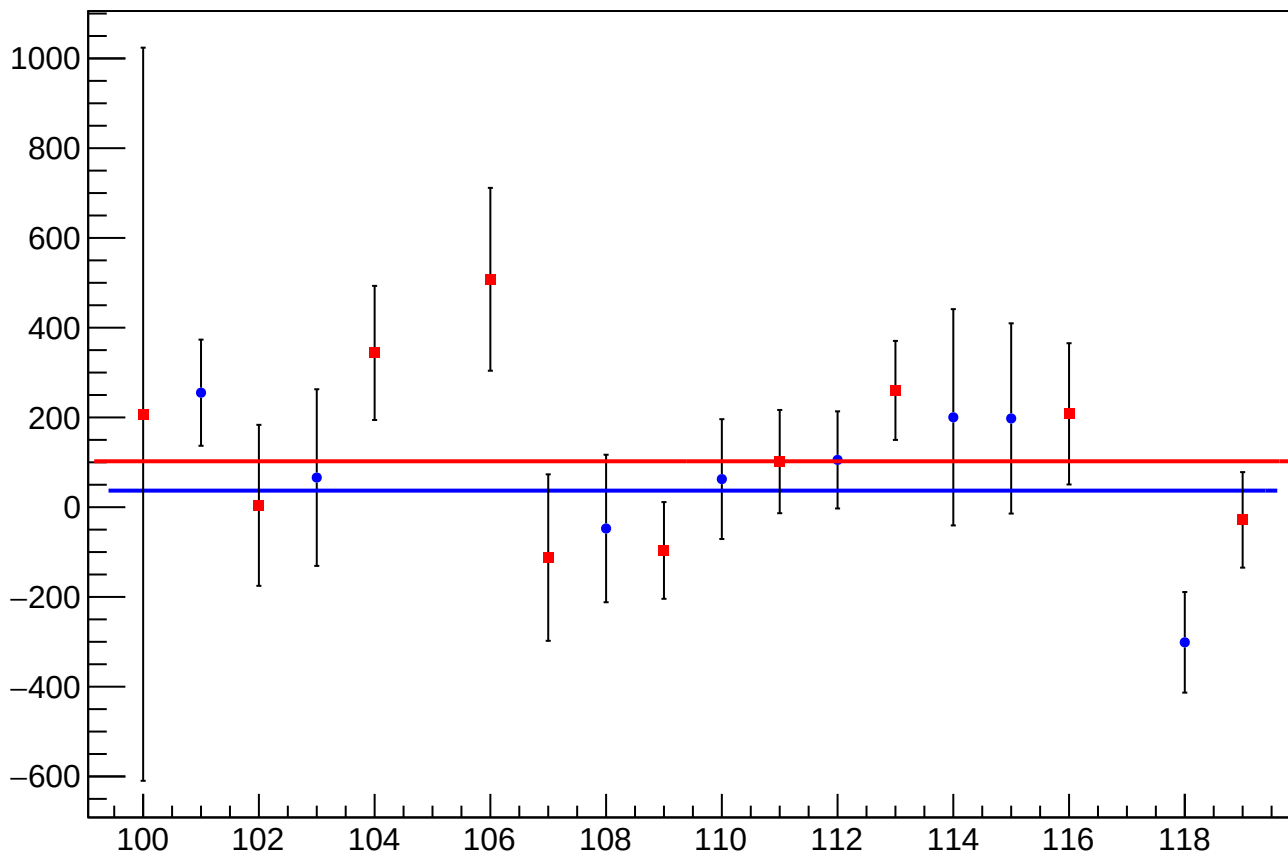
Right: 963.817+/-0.252 χ^2/NDF : 270125.2/17

In: 967.803+/-0.379 χ^2/NDF : 120297.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.817+/-0.252 χ^2/NDF : 270125.2/17

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 36.906+/-50.326 χ^2/NDF : 14.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.310+/-44.586 χ^2/NDF : 15.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

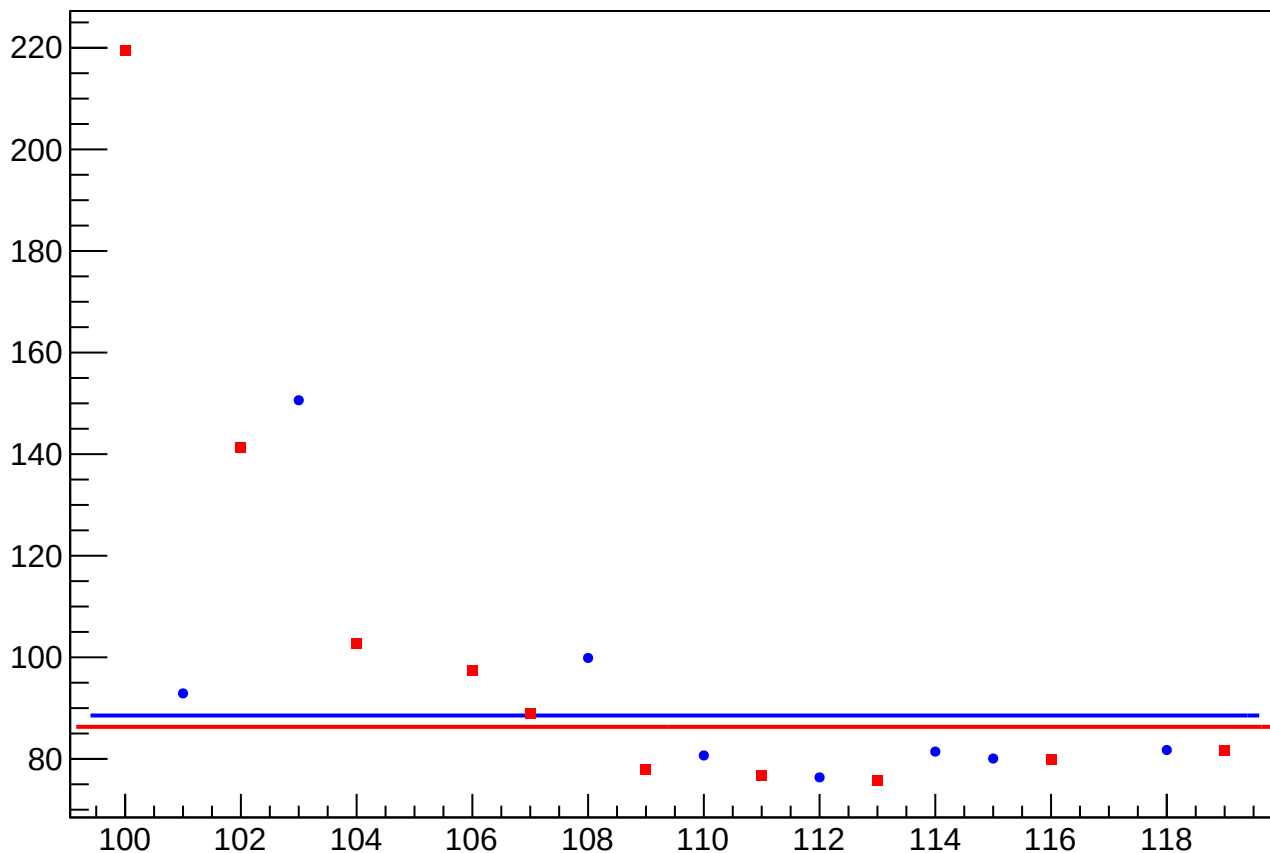
Right: 73.549+/-33.373 χ^2/NDF : 30.8/17

In: 36.906+/-50.326 χ^2/NDF : 14.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.549+/-33.373 χ^2/NDF : 30.8/17

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 88.546+/-0.036 χ^2/NDF : 255668.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.314+/-0.032 χ^2/NDF : 323036.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

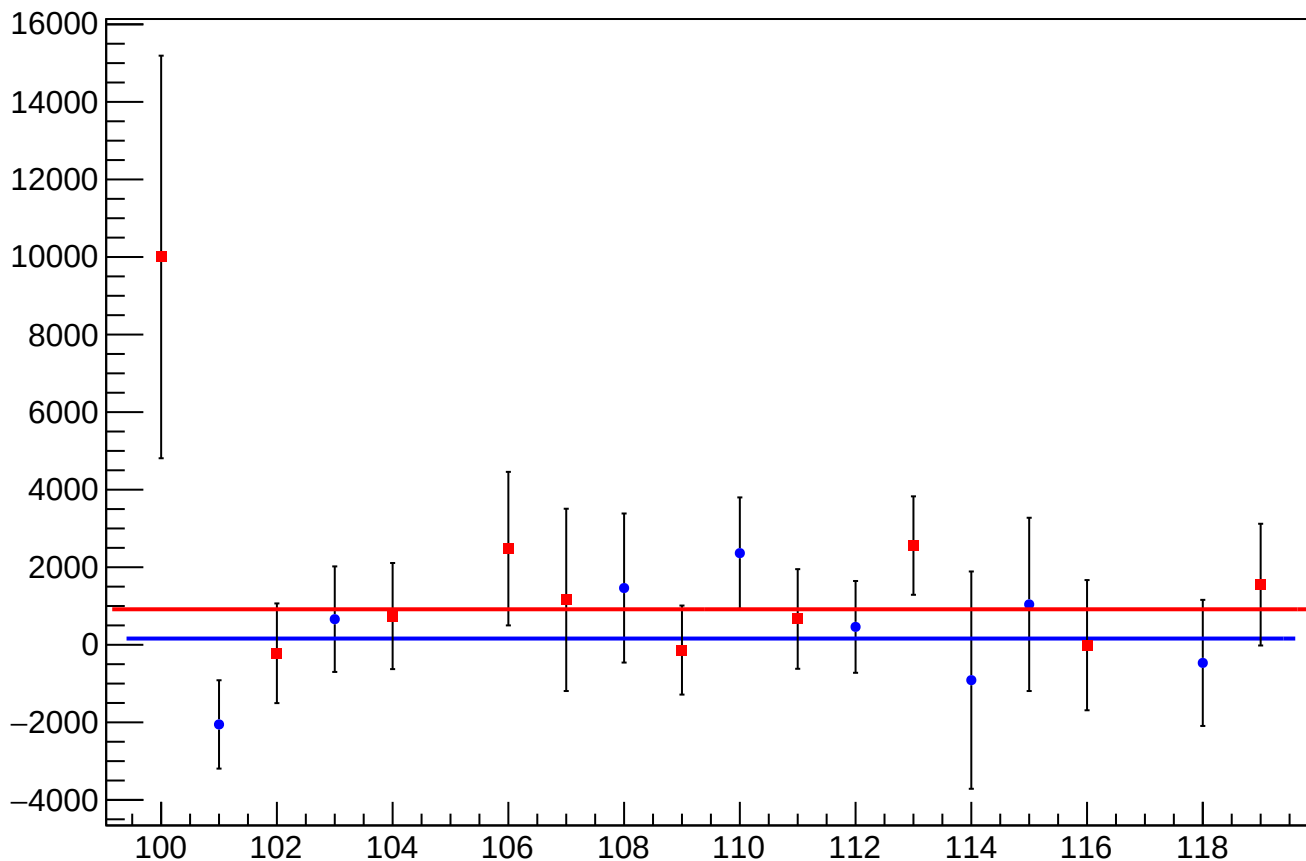
Right: 87.296+/-0.024 χ^2/NDF : 580908.5/17

In: 88.546+/-0.036 χ^2/NDF : 255668.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.296+/-0.024 χ^2/NDF : 580908.5/17

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 161.204+/-535.646 χ^2/NDF : 7.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.888+/-478.994 χ^2/NDF : 7.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

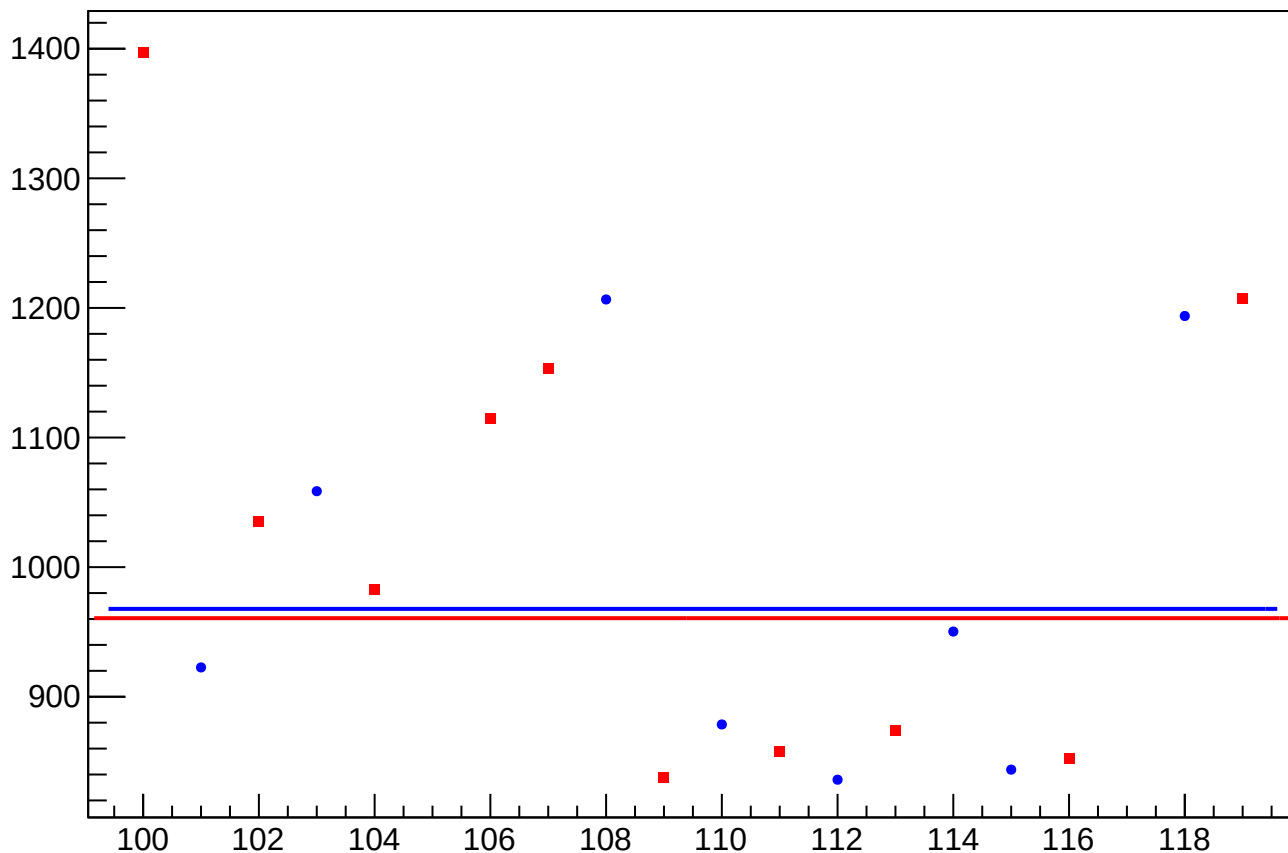
Right: 580.553+/-357.055 χ^2/NDF : 15.9/17

In: 161.204+/-535.646 χ^2/NDF : 7.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 580.553+/-357.055 χ^2/NDF : 15.9/17

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 967.800+/-0.379 χ^2/NDF : 120299.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.628+/-0.339 χ^2/NDF : 149630.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

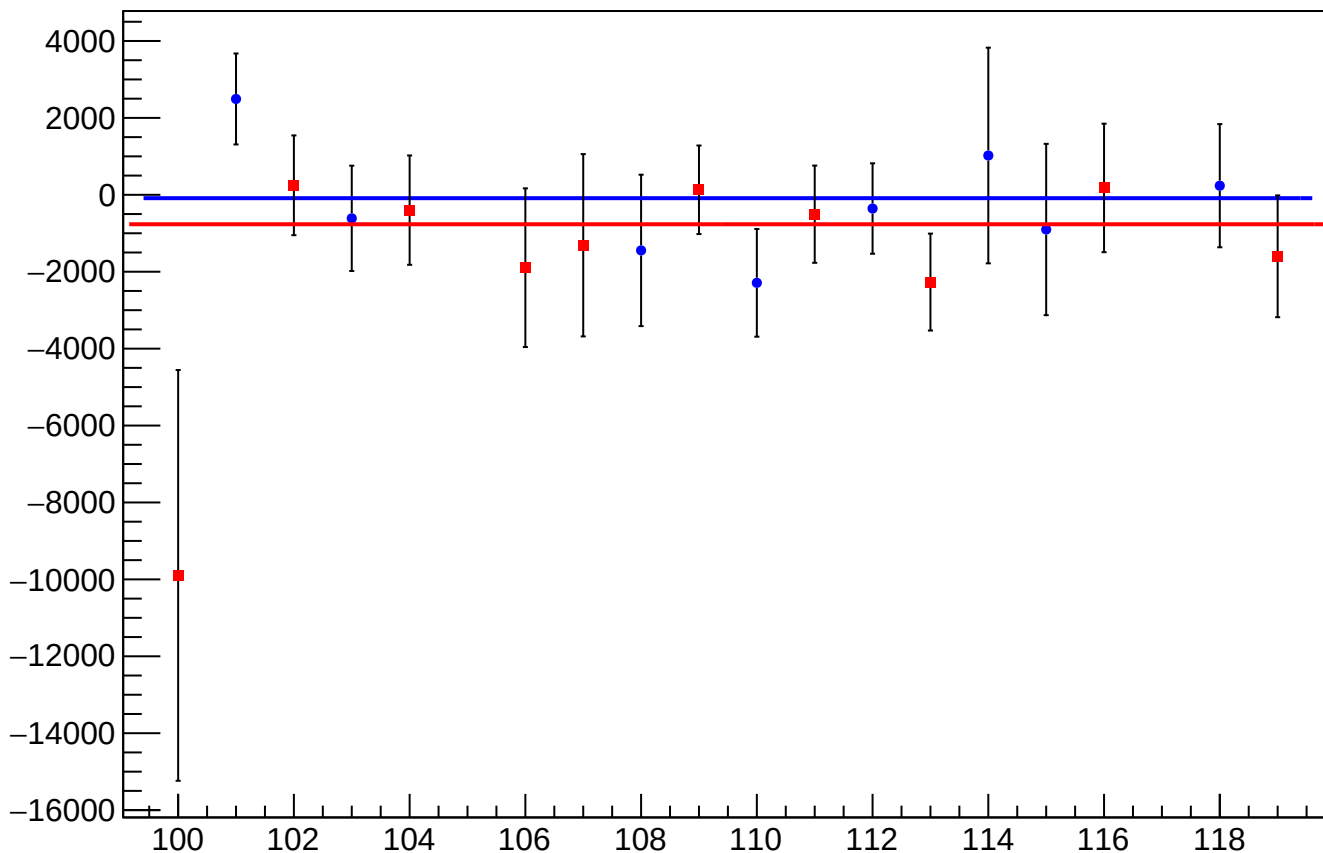
Right: 963.814+/-0.252 χ^2/NDF : 270129.8/17

In: 967.800+/-0.379 χ^2/NDF : 120299.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 963.814+/-0.252 χ^2/NDF : 270129.8/17

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -87.292 ± 537.739 $\chi^2/\text{NDF}: 8.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -765.597 ± 482.010 $\chi^2/\text{NDF}: 6.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

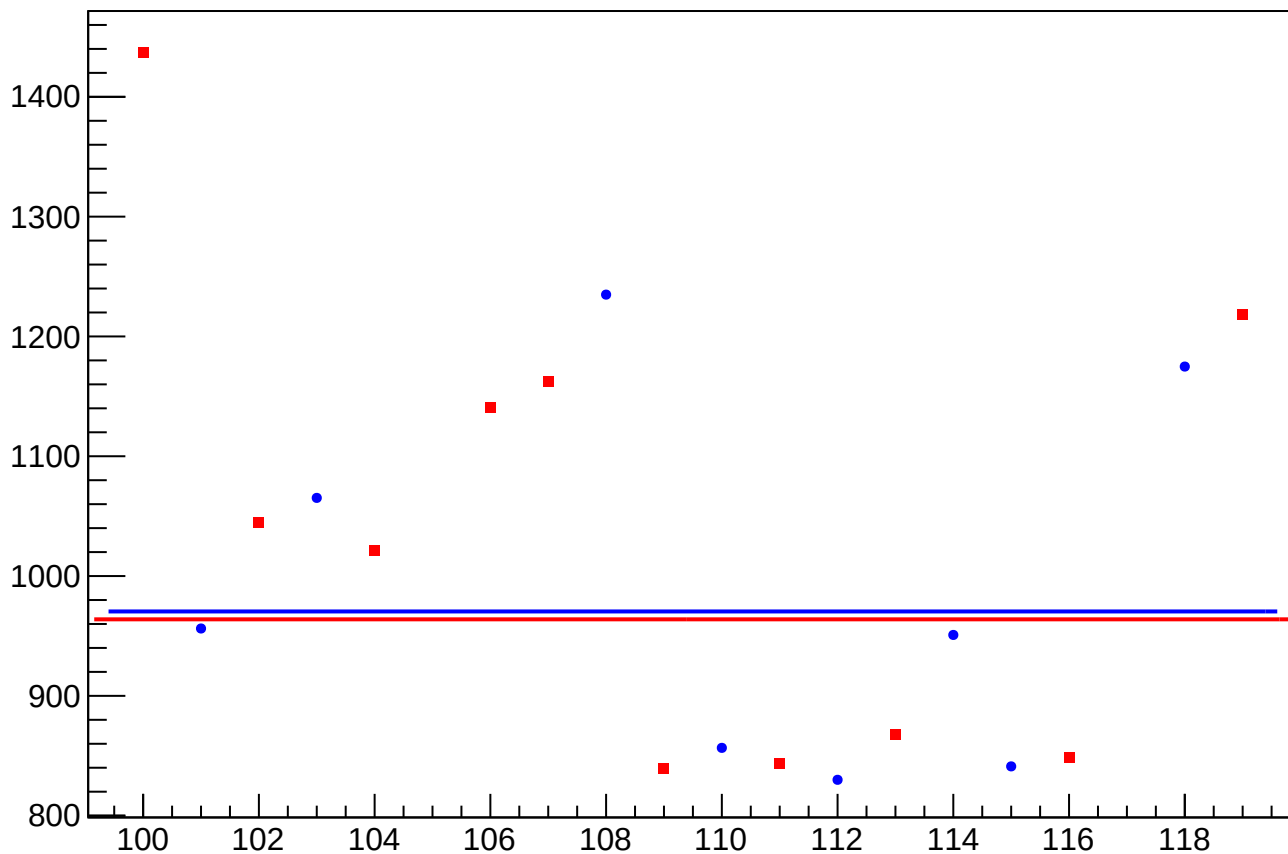
Right: -463.404 ± 358.923 $\chi^2/\text{NDF}: 15.7/17$

In: -87.292 ± 537.739 $\chi^2/\text{NDF}: 8.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -463.404 ± 358.923 $\chi^2/\text{NDF}: 15.7/17$

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 970.454+/-0.380 χ^2/NDF : 127187.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 963.873+/-0.341 χ^2/NDF : 169728.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

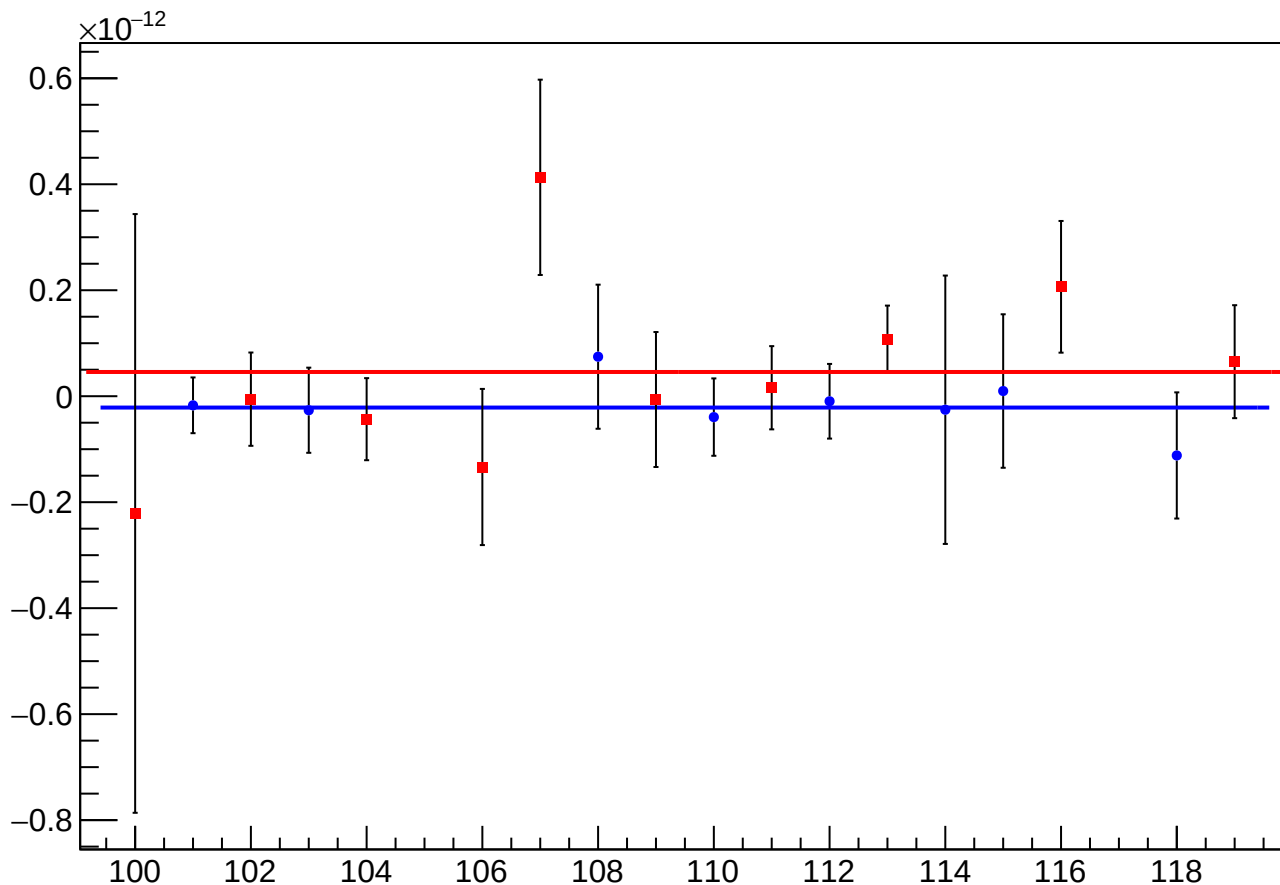
Right: 966.805+/-0.254 χ^2/NDF : 297082.7/17

In: 970.454+/-0.380 χ^2/NDF : 127187.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.805+/-0.254 χ^2/NDF : 297082.7/17

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 10.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

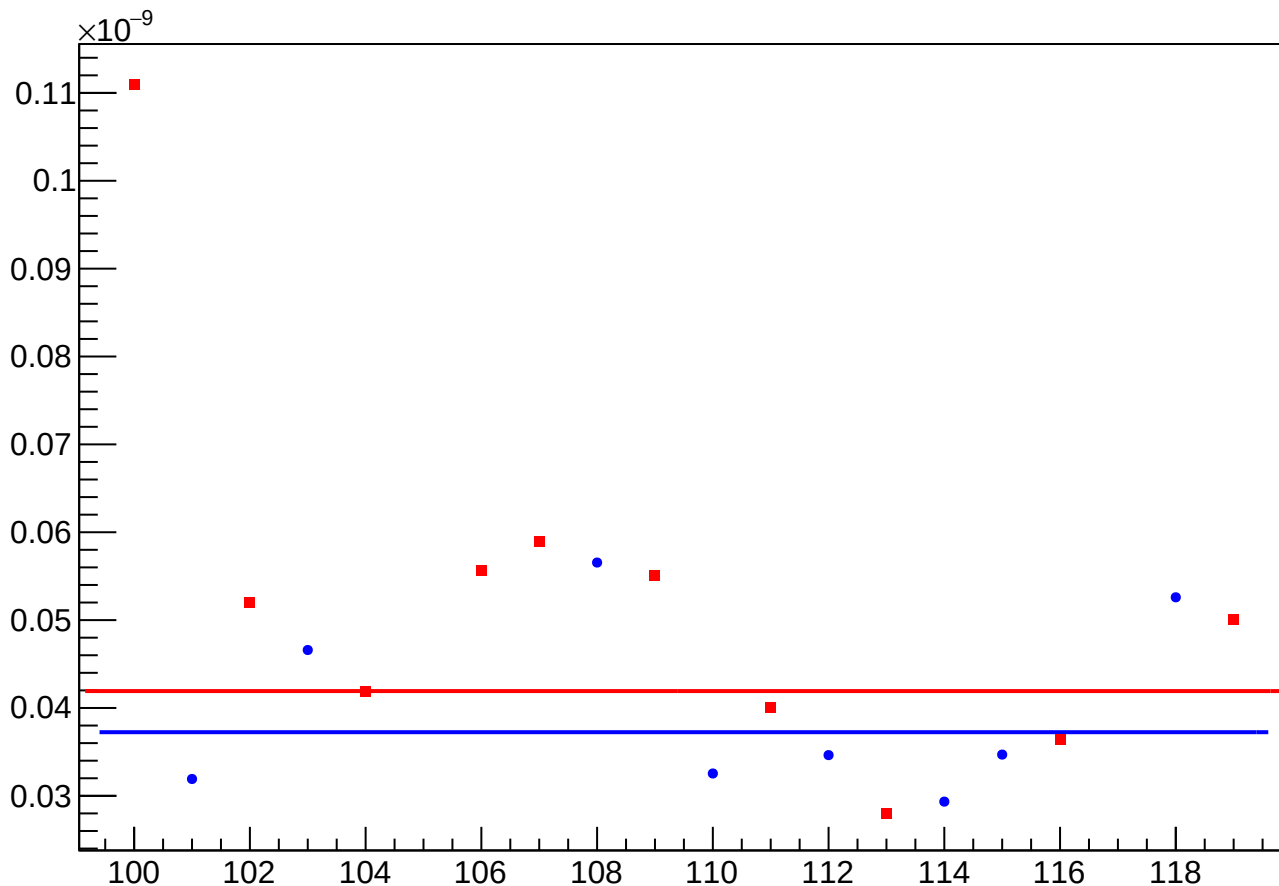
Right: 0.000+/-0.000 χ^2/NDF : 13.9/17

In: -0.000+/-0.000 χ^2/NDF :1.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.9/17

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 134788.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 226012.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

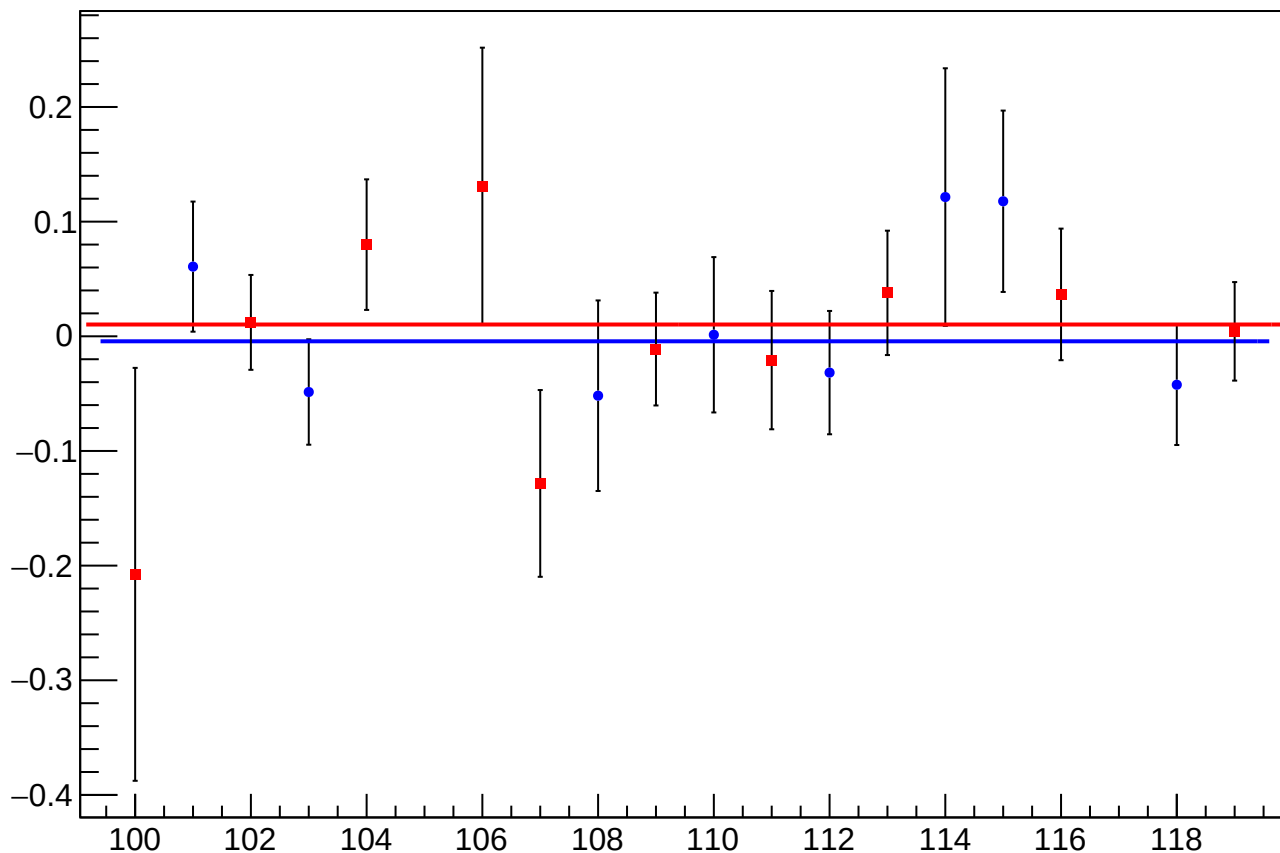
Right: 0.000+/-0.000 χ^2/NDF : 383714.4/17

In: 0.000+/-0.000 χ^2/NDF : 134788.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383714.4/17

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.022 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

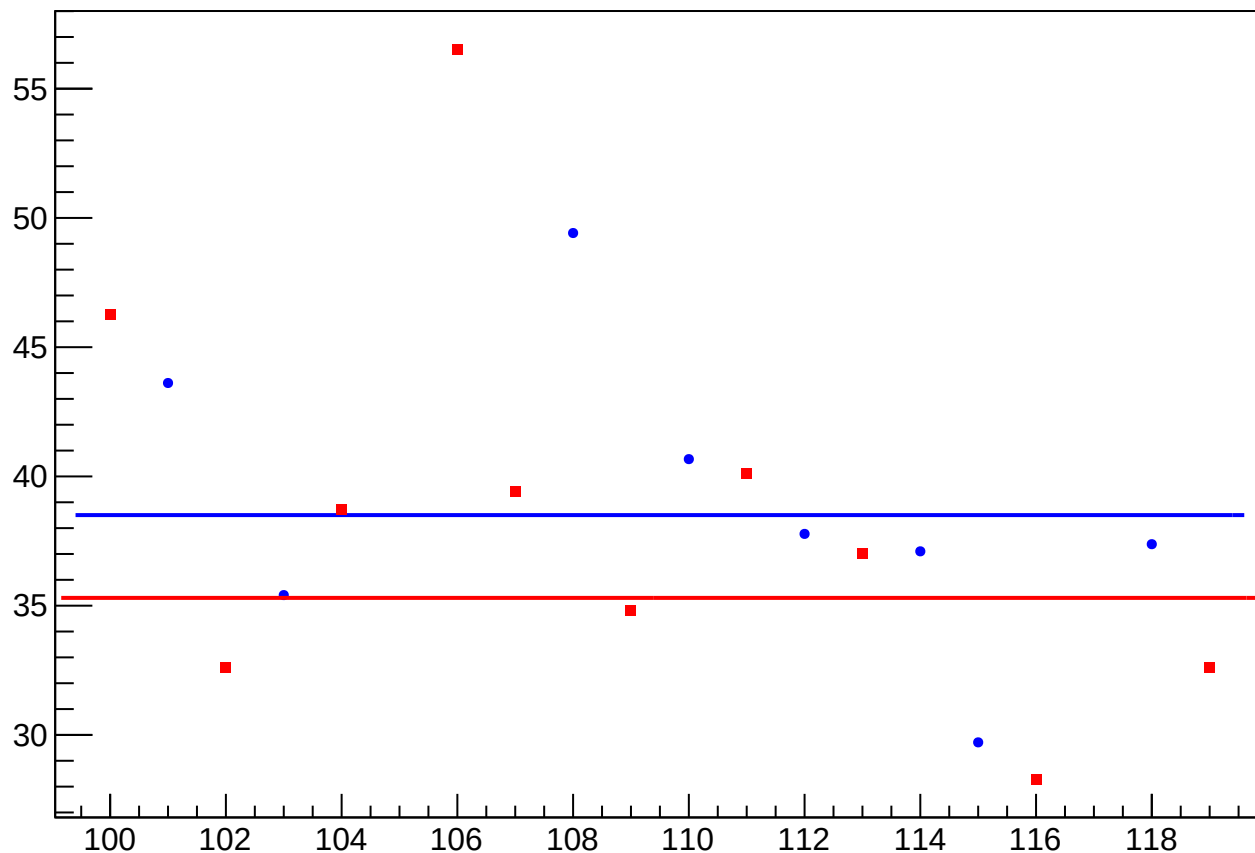
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

In: -0.004 $\pm$ 0.022 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.504+/-0.015 χ^2/NDF : 88135.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142844.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

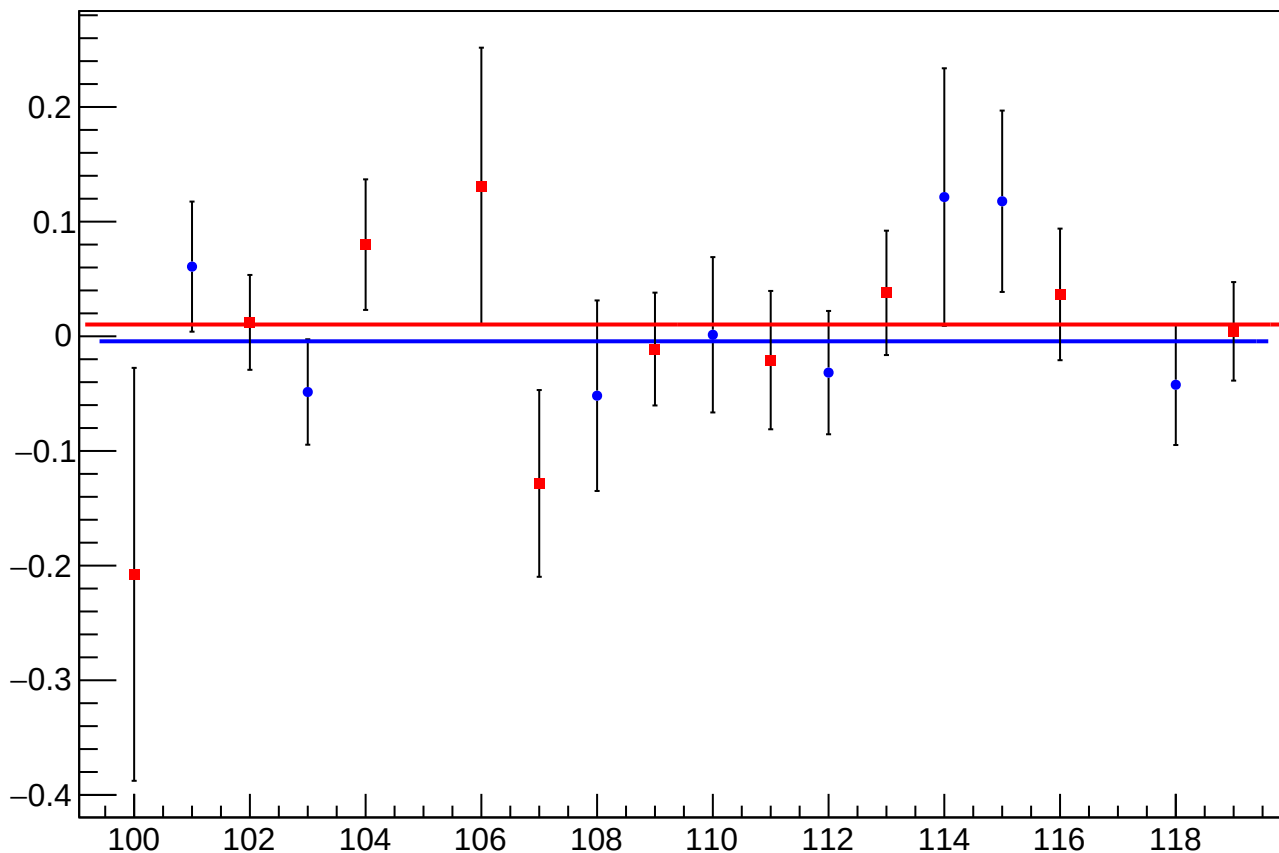
Right: 36.614+/-0.010 χ^2/NDF : 256335.8/17

In: 38.504+/-0.015 χ^2/NDF : 88135.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.614+/-0.010 χ^2/NDF : 256335.8/17

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.022 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

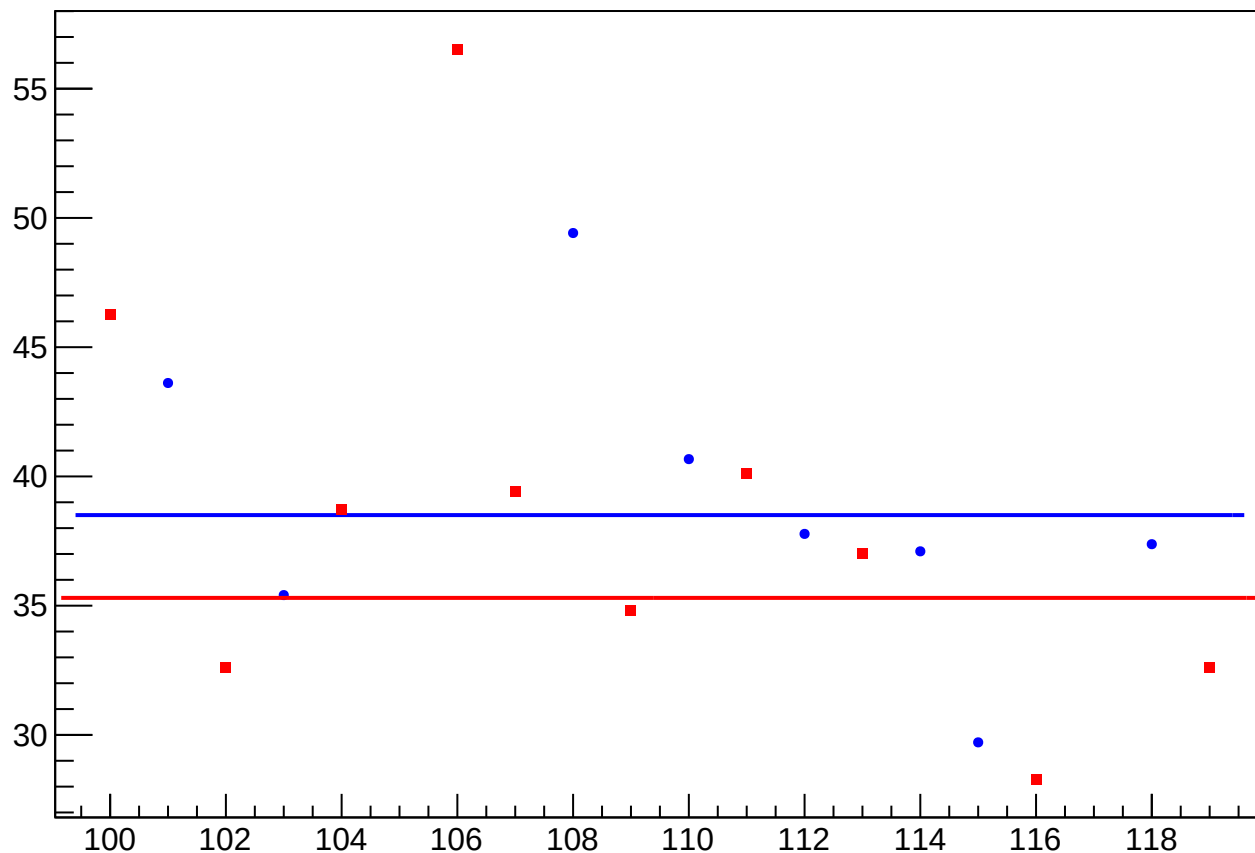
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

In: -0.004 $\pm$ 0.022 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.504+/-0.015 χ^2/NDF : 88135.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142844.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

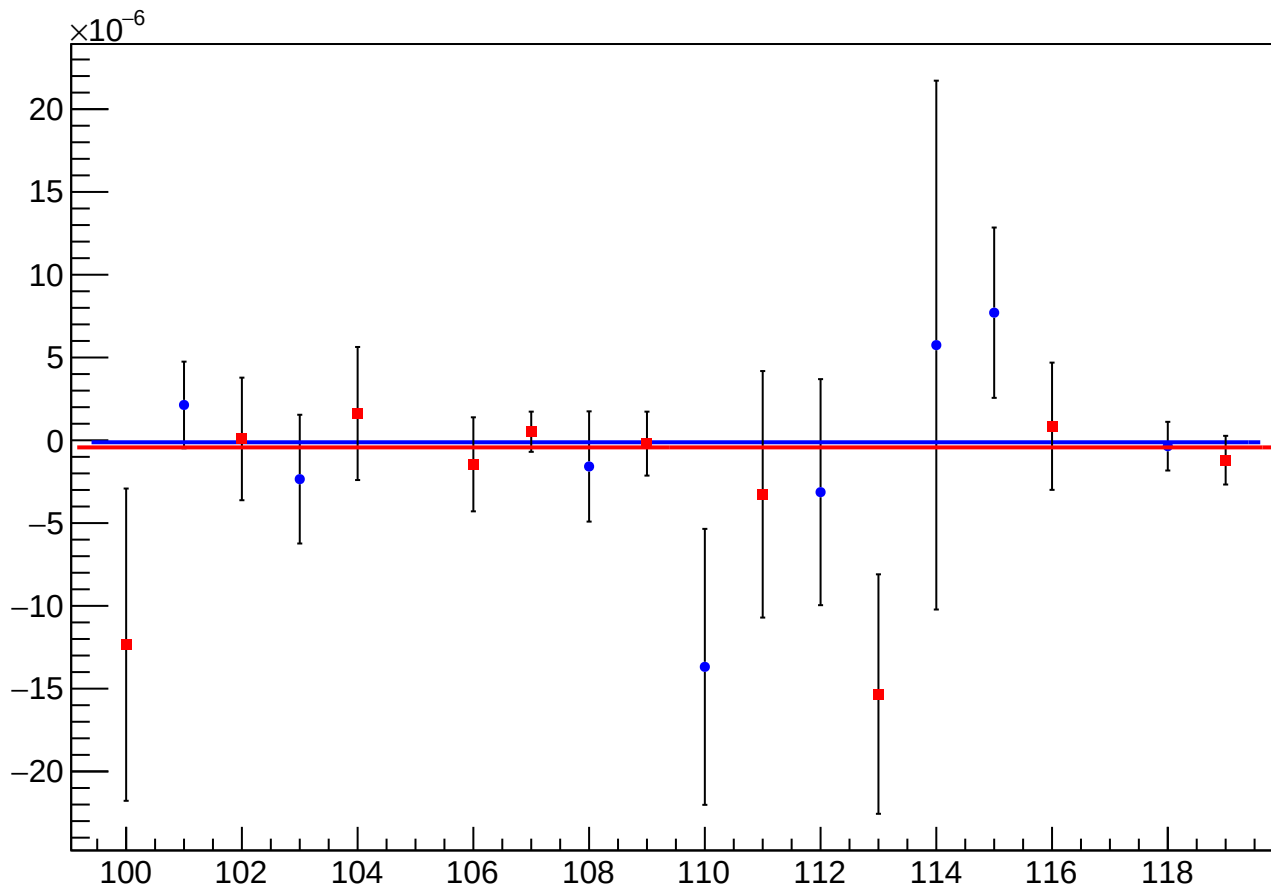
Right: 36.614+/-0.010 χ^2/NDF : 256335.8/17

In: 38.504+/-0.015 χ^2/NDF : 88135.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.614+/-0.010 χ^2/NDF : 256335.8/17

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 6.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

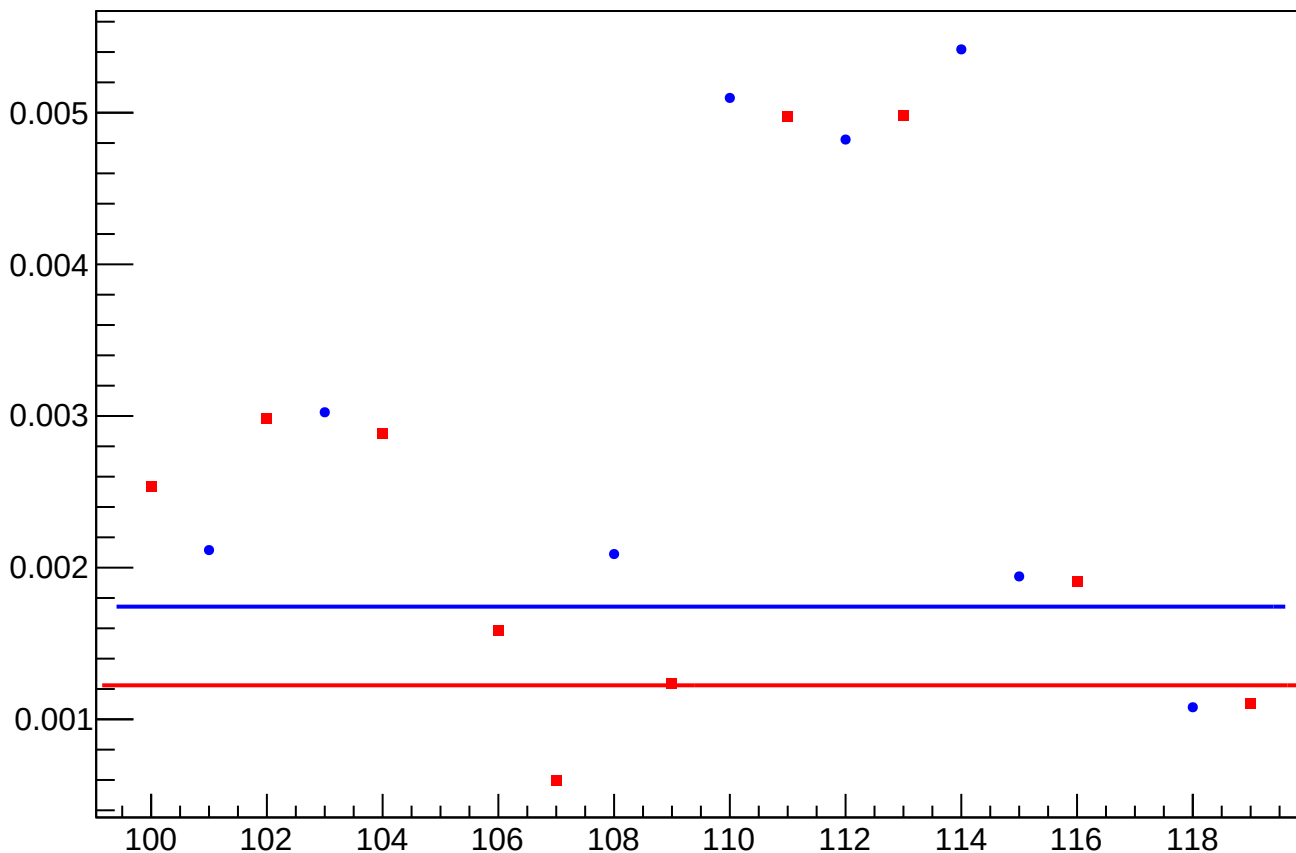
Right: -0.000+/-0.000 χ^2/NDF : 14.0/17

In: -0.000+/-0.000 χ^2/NDF :6.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.0/17

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1527048.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2524997.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

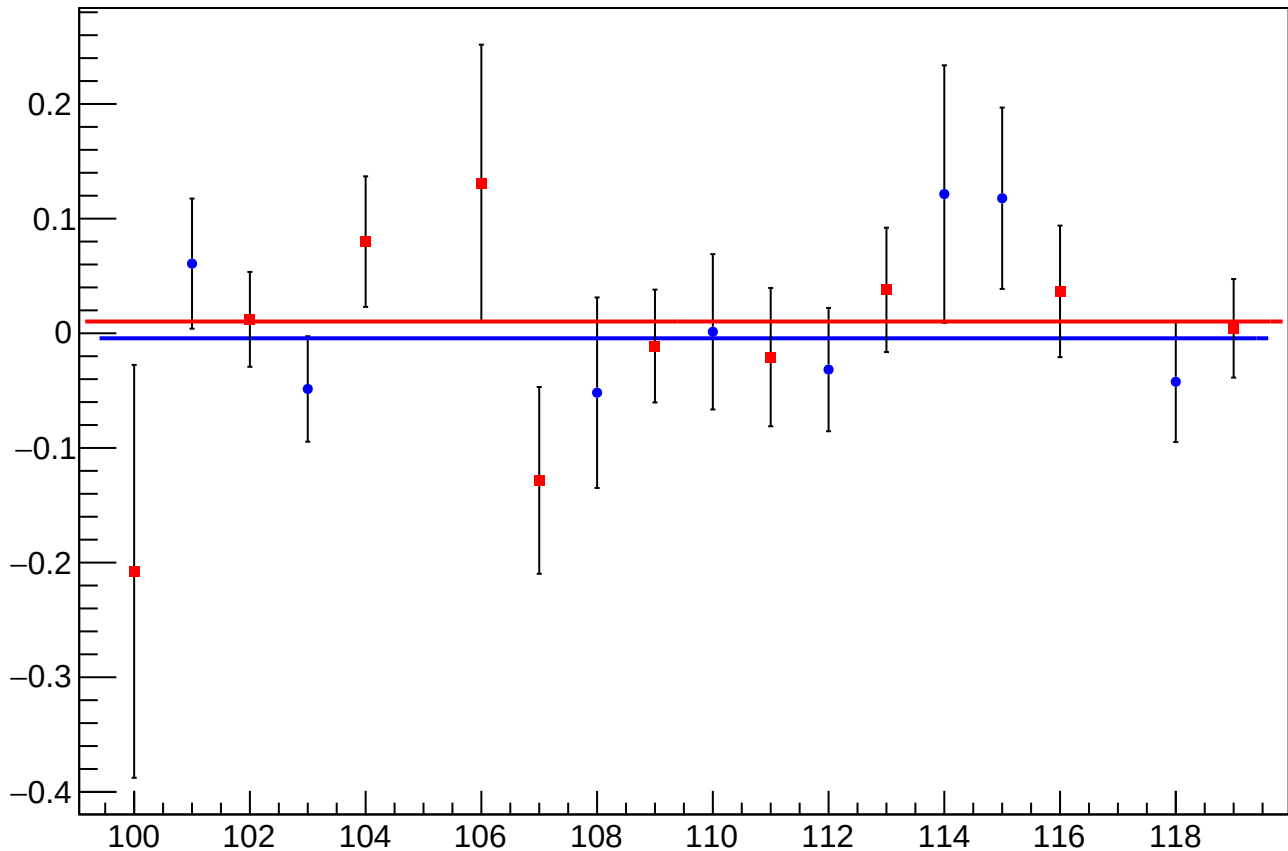
Right: 0.001+/-0.000 χ^2/NDF : 4360187.0/17

In: 0.002+/-0.000 χ^2/NDF :1527048.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4360187.0/17

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.022 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

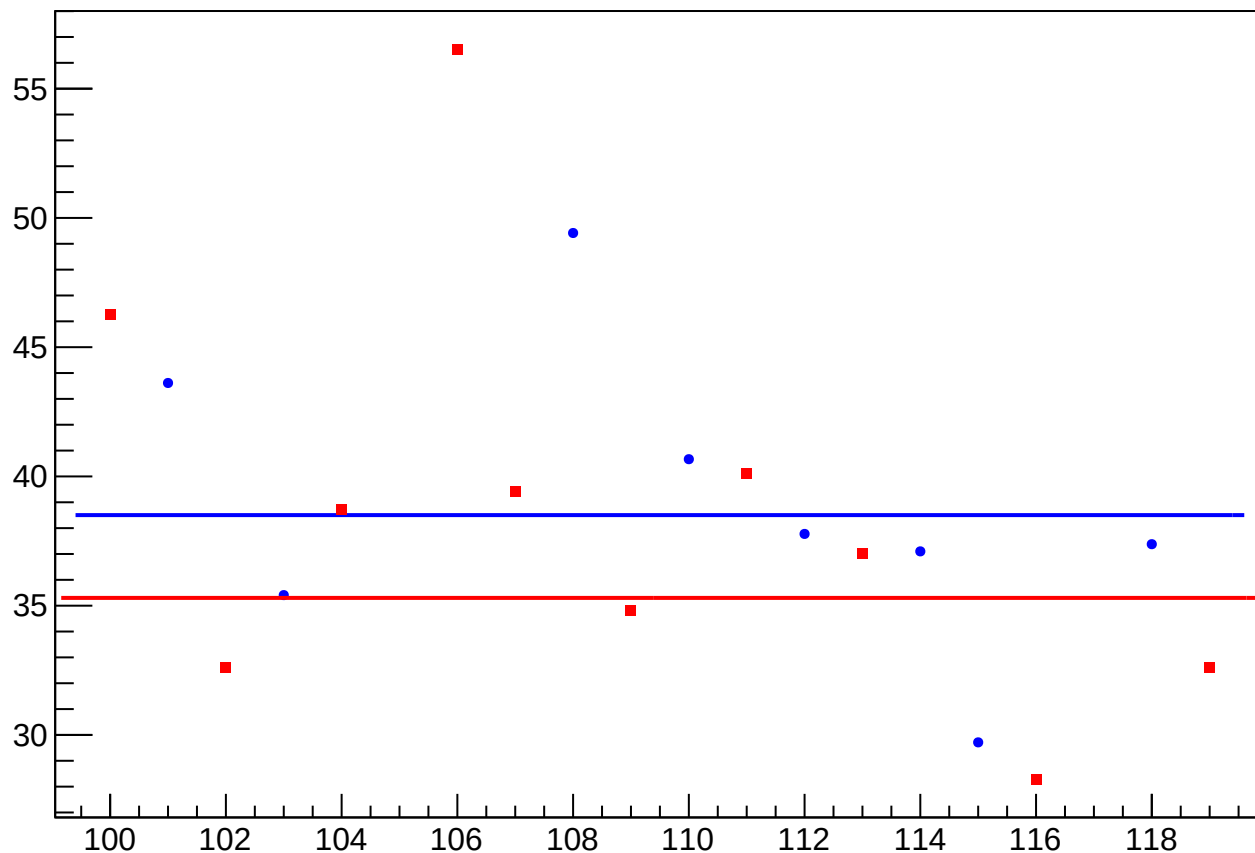
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

In: -0.004 $\pm$ 0.022 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.504+/-0.015 χ^2/NDF : 88142.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142834.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

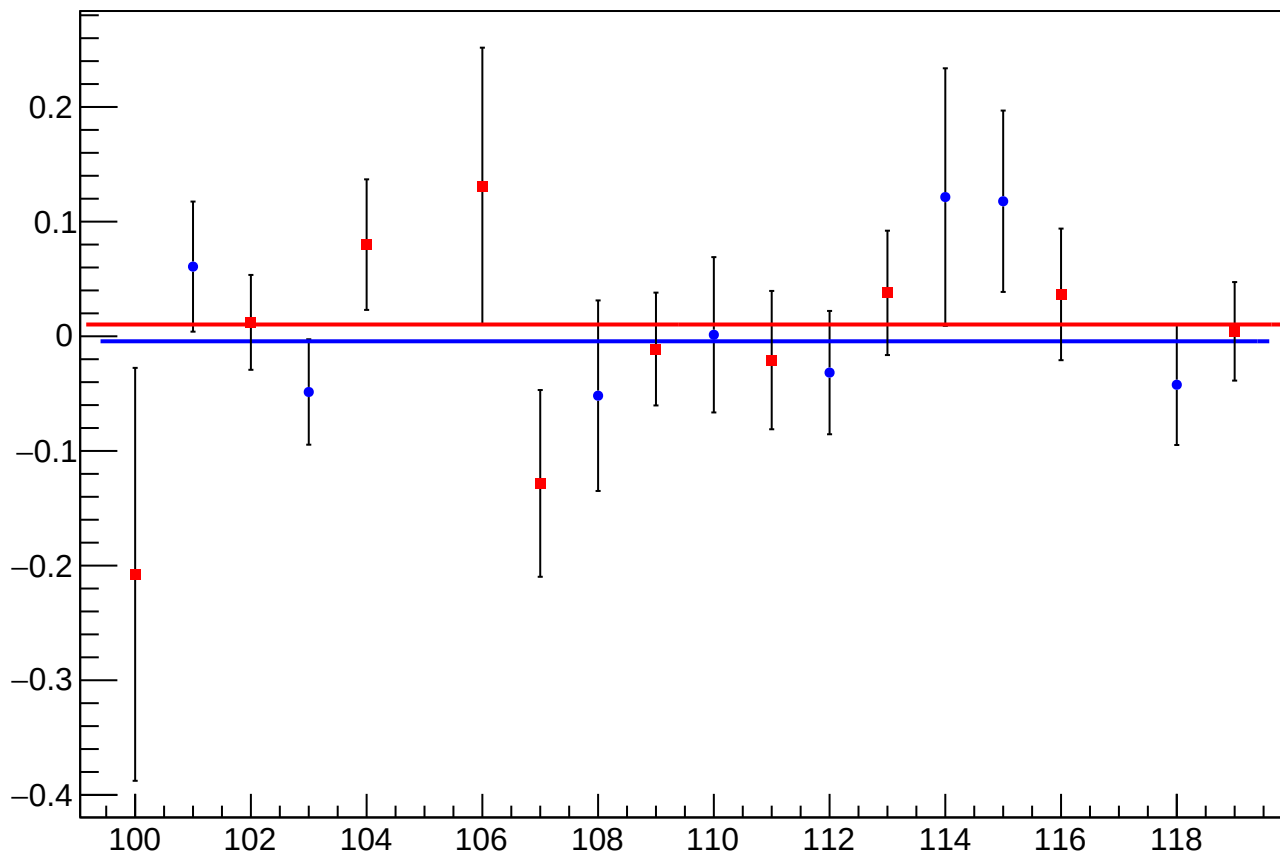
Right: 36.613+/-0.010 χ^2/NDF : 256332.5/17

In: 38.504+/-0.015 χ^2/NDF : 88142.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.613+/-0.010 χ^2/NDF : 256332.5/17

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.022 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.018 χ^2 /NDF: 7.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

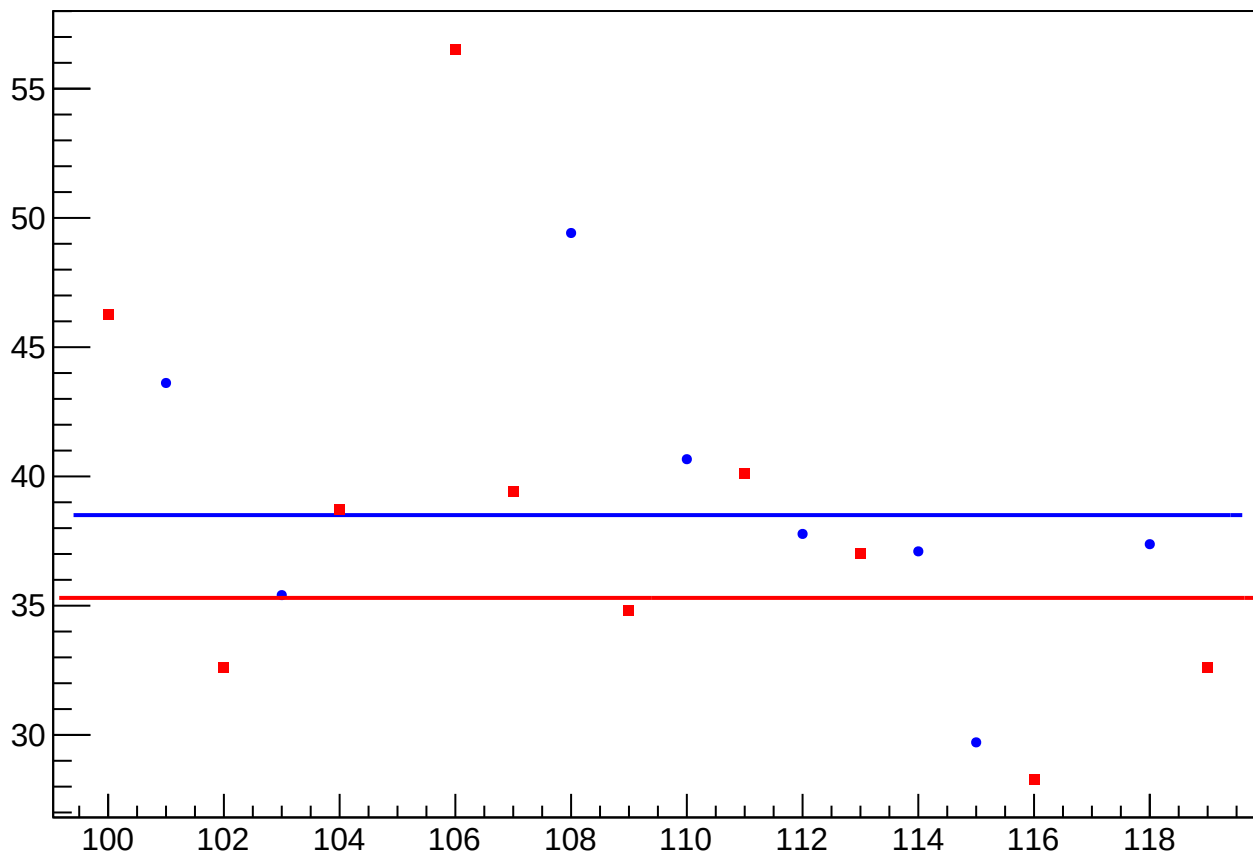
Right: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

In: -0.004 $\pm$ 0.022 χ^2 /NDF:7.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.014 χ^2 /NDF: 15.1/17

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 38.504+/-0.015 χ^2/NDF : 88142.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.301+/-0.013 χ^2/NDF : 142834.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

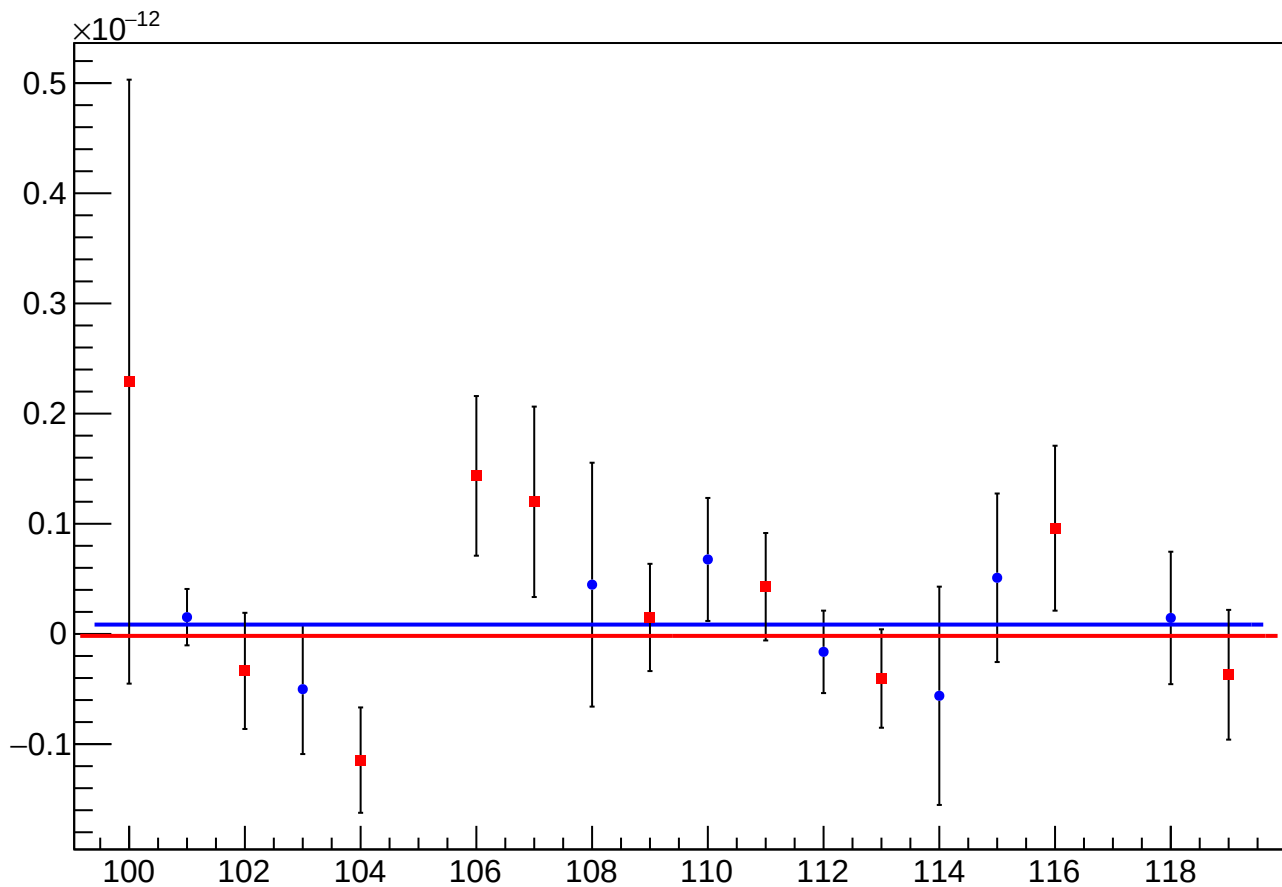
Right: 36.613+/-0.010 χ^2/NDF : 256332.5/17

In: 38.504+/-0.015 χ^2/NDF : 88142.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.613+/-0.010 χ^2/NDF : 256332.5/17

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

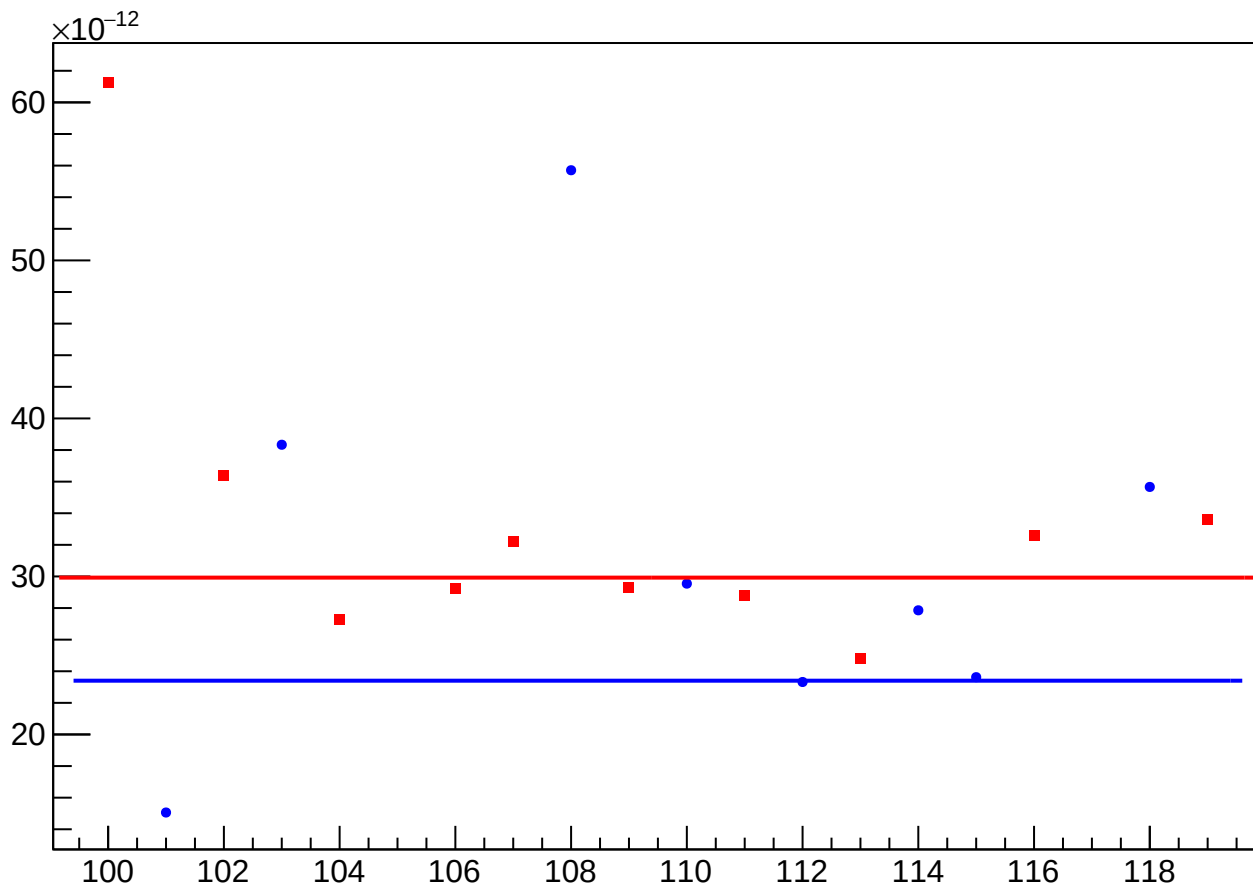
Right: 0.000+/-0.000 χ^2/NDF : 20.0/17

In: 0.000+/-0.000 χ^2/NDF : 3.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.0/17

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 622881.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101410.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

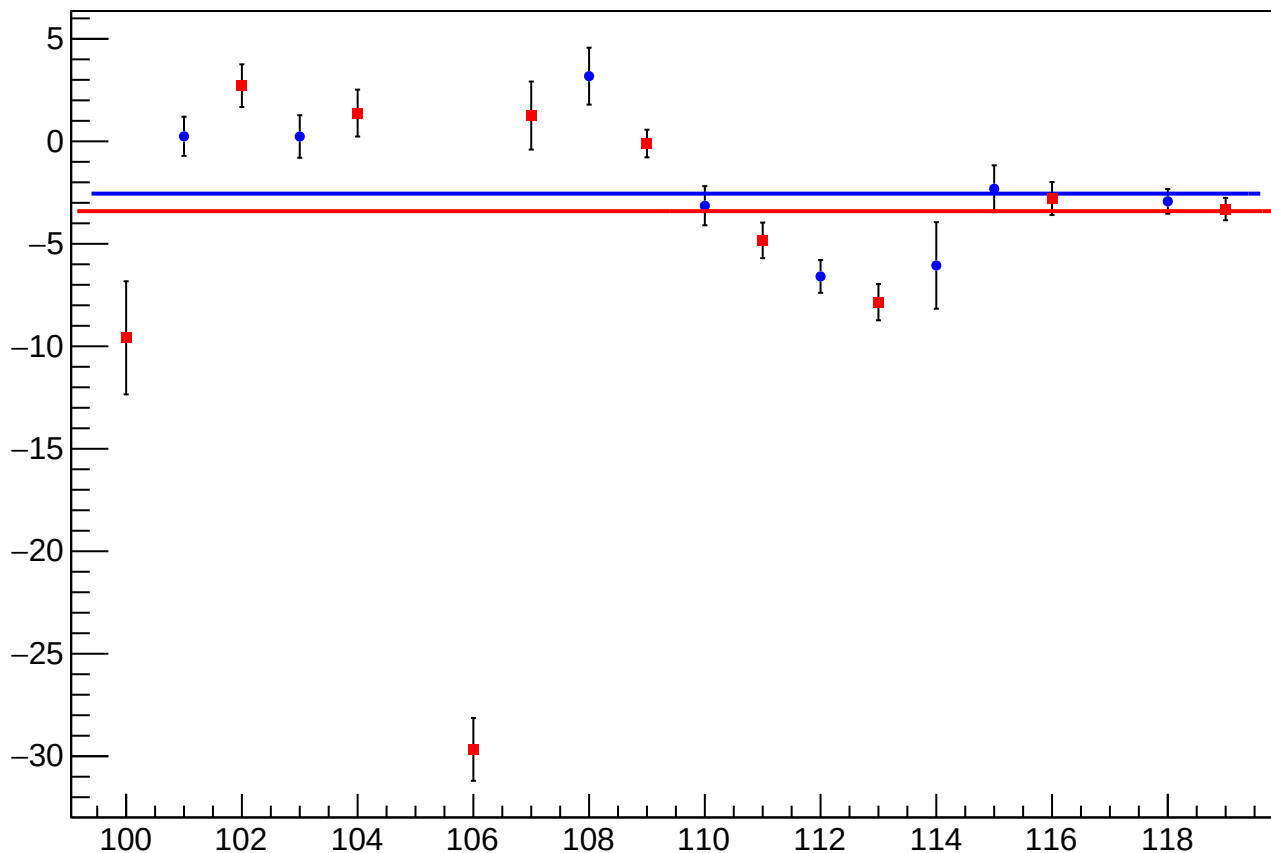
Right: 0.000+/-0.000 χ^2/NDF : 860069.6/17

In: 0.000+/-0.000 χ^2/NDF : 622881.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 860069.6/17

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.552 ± 0.334 χ^2/NDF : 61.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.406 ± 0.285 χ^2/NDF : 411.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

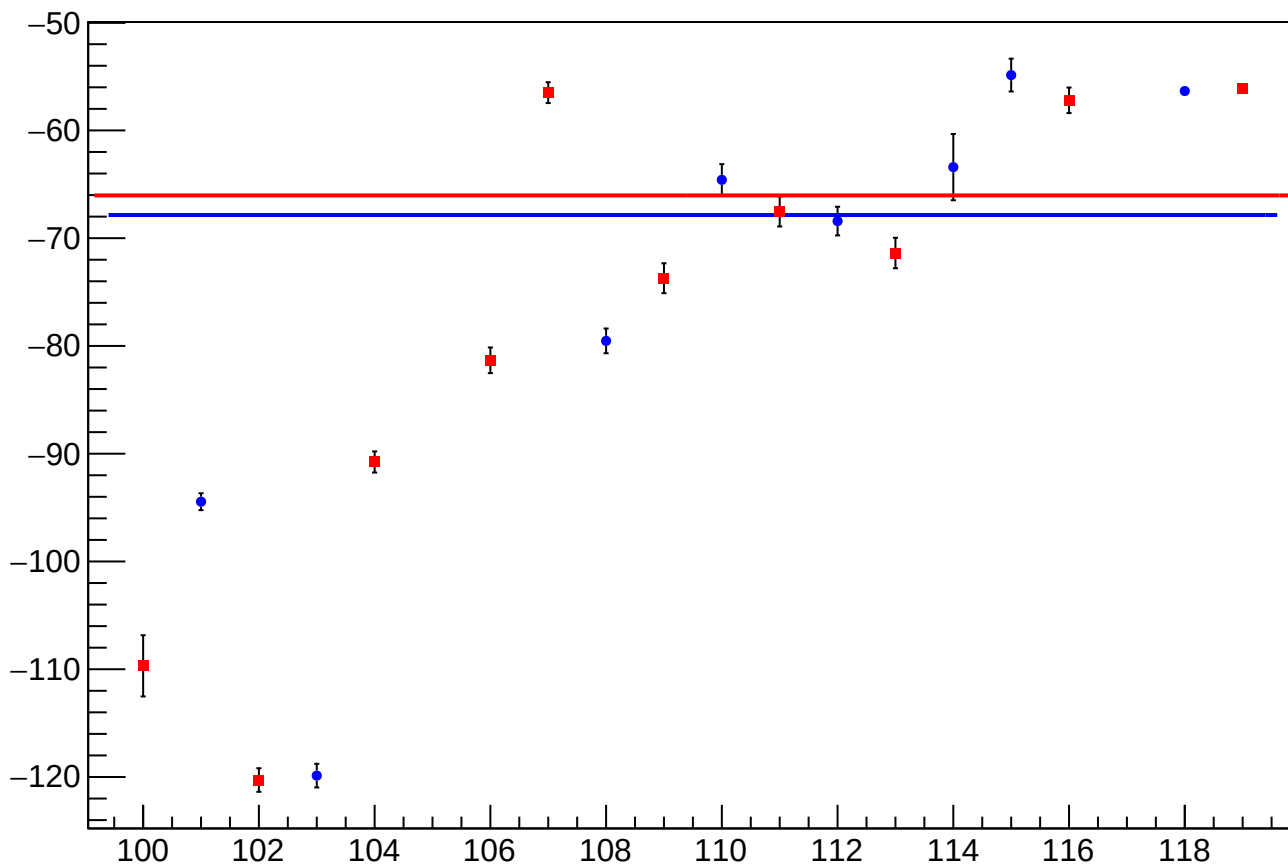
Right: -3.046 ± 0.217 χ^2/NDF : 476.8/17

In: -2.552 ± 0.334 χ^2/NDF : 61.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.046 ± 0.217 χ^2/NDF : 476.8/17

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -67.851 ± 0.284 χ^2/NDF : 4587.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.032 ± 0.268 χ^2/NDF : 4475.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

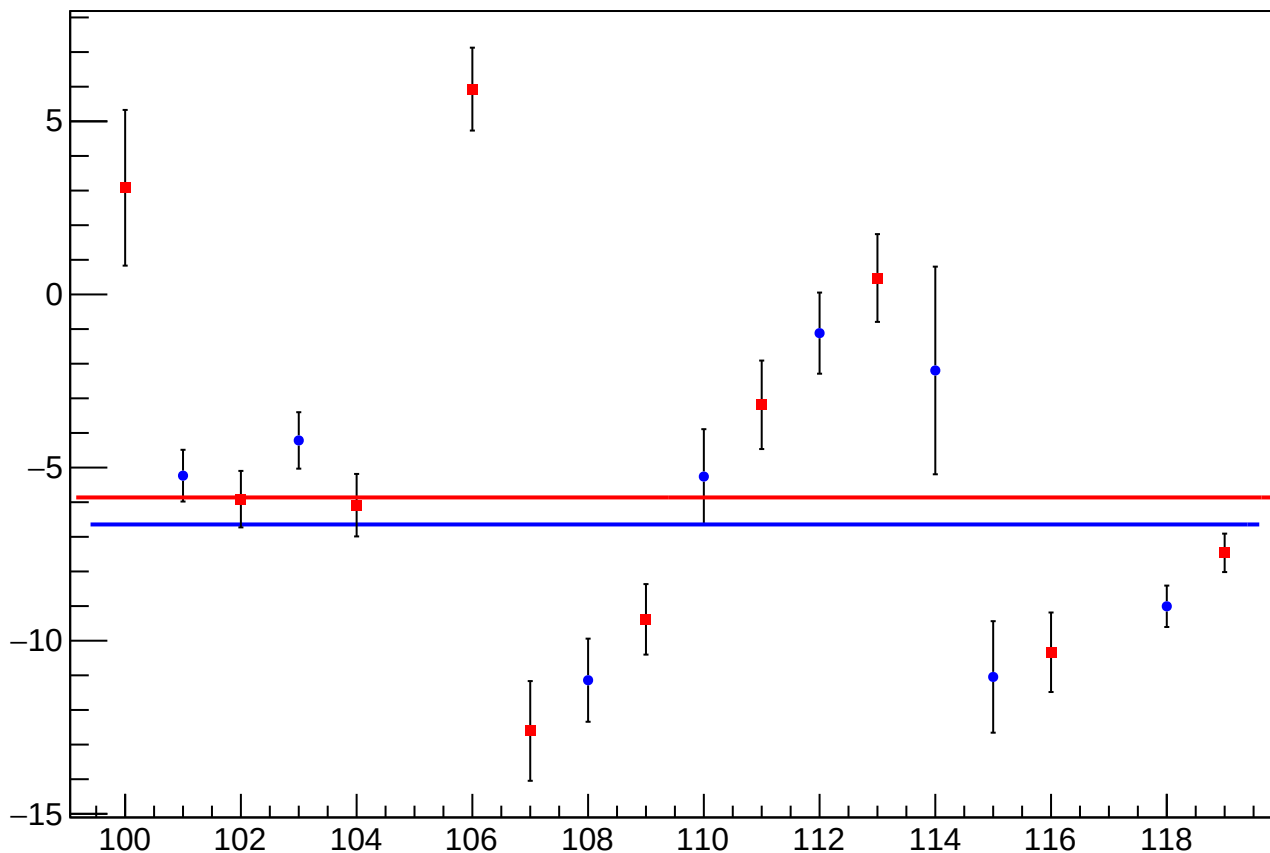
Right: -66.889 ± 0.195 χ^2/NDF : 9084.6/17

In: -67.851 ± 0.284 χ^2/NDF : 4587.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.889 ± 0.195 χ^2/NDF : 9084.6/17

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.643 $\pm$ 0.342 χ^2 /NDF: 75.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.862 $\pm$ 0.311 χ^2 /NDF: 199.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

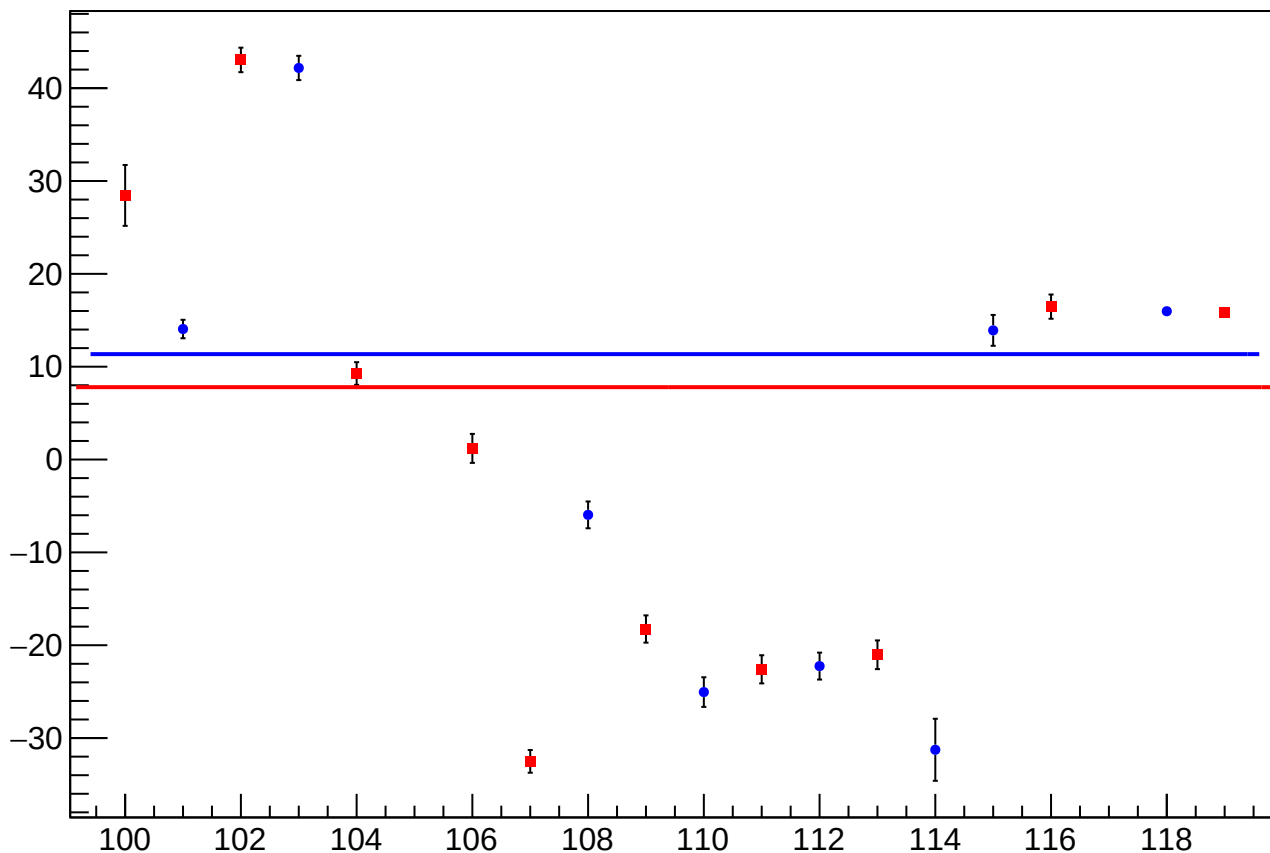
Right: -6.216 $\pm$ 0.230 χ^2 /NDF: 277.6/17

In: -6.643 $\pm$ 0.342 χ^2 /NDF:75.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.216 $\pm$ 0.230 χ^2 /NDF: 277.6/17

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.352+/-0.356 χ^2/NDF : 2024.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.794+/-0.331 χ^2/NDF : 3273.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

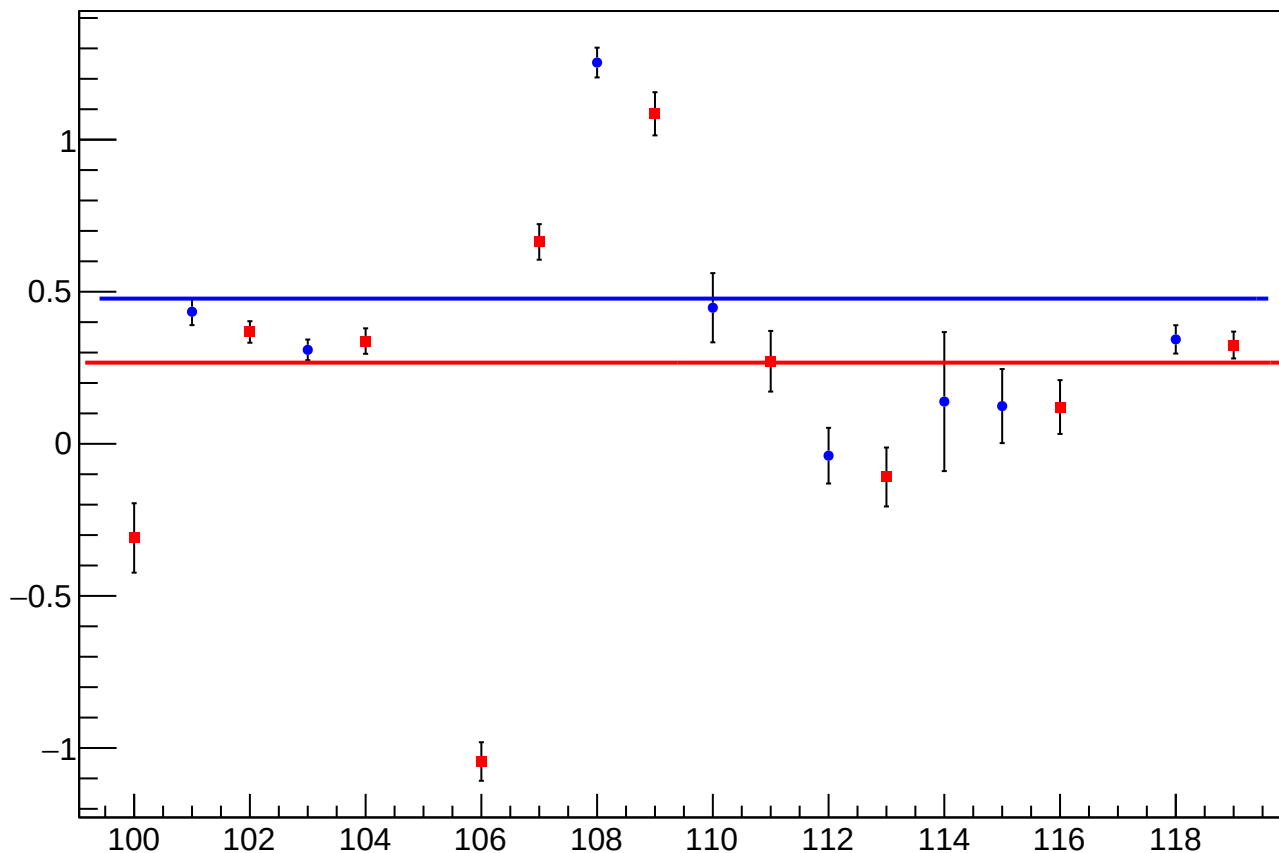
Right: 9.443+/-0.243 χ^2/NDF : 5351.7/17

In: 11.352+/-0.356 χ^2/NDF : 2024.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.443+/-0.243 χ^2/NDF : 5351.7/17

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.477+/-0.020 χ^2/NDF : 327.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.267+/-0.018 χ^2/NDF : 662.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

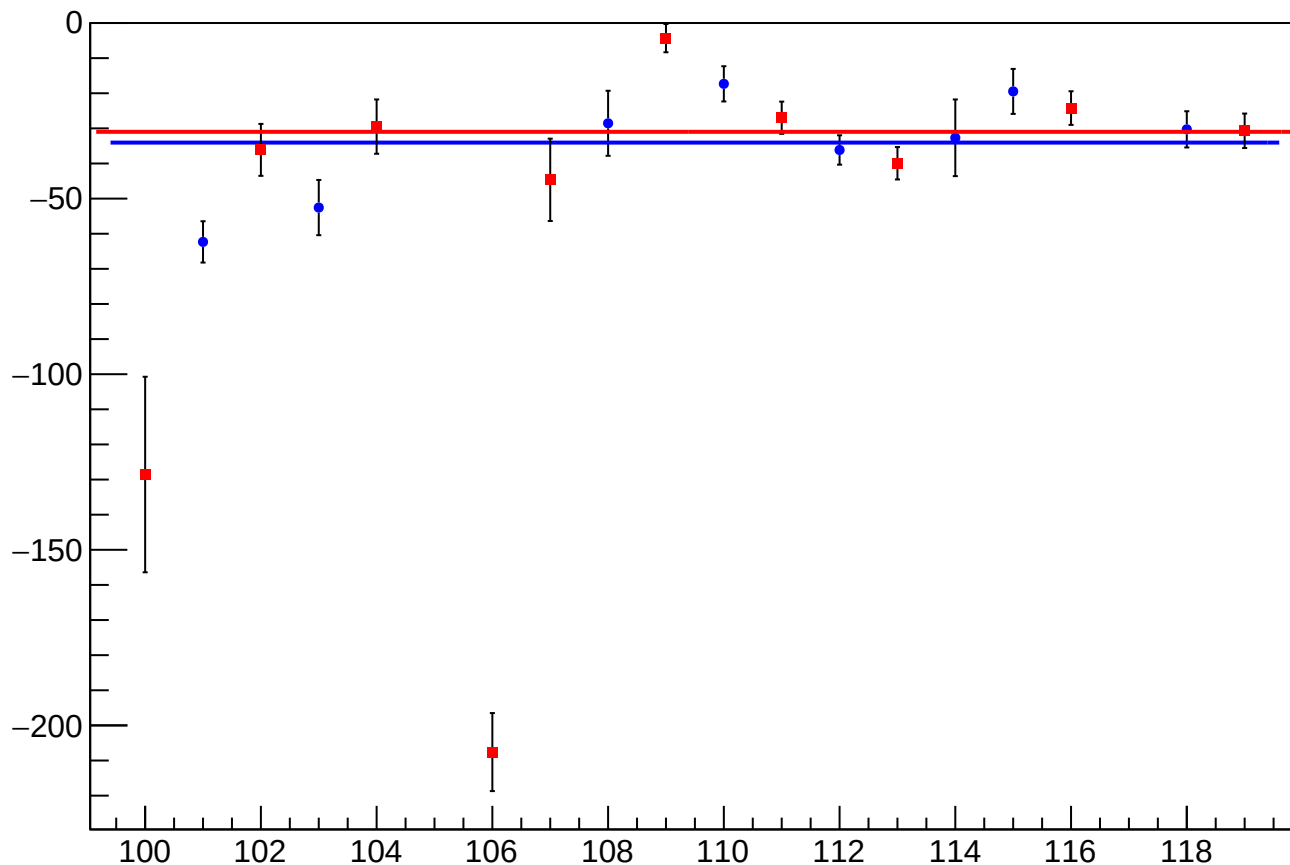
Right: 0.363+/-0.013 χ^2/NDF : 1051.9/17

In: 0.477+/-0.020 χ^2/NDF : 327.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.363+/-0.013 χ^2/NDF : 1051.9/17

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.048 $\pm$ 2.112 χ^2 /NDF: 46.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.980 $\pm$ 1.846 χ^2 /NDF: 317.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

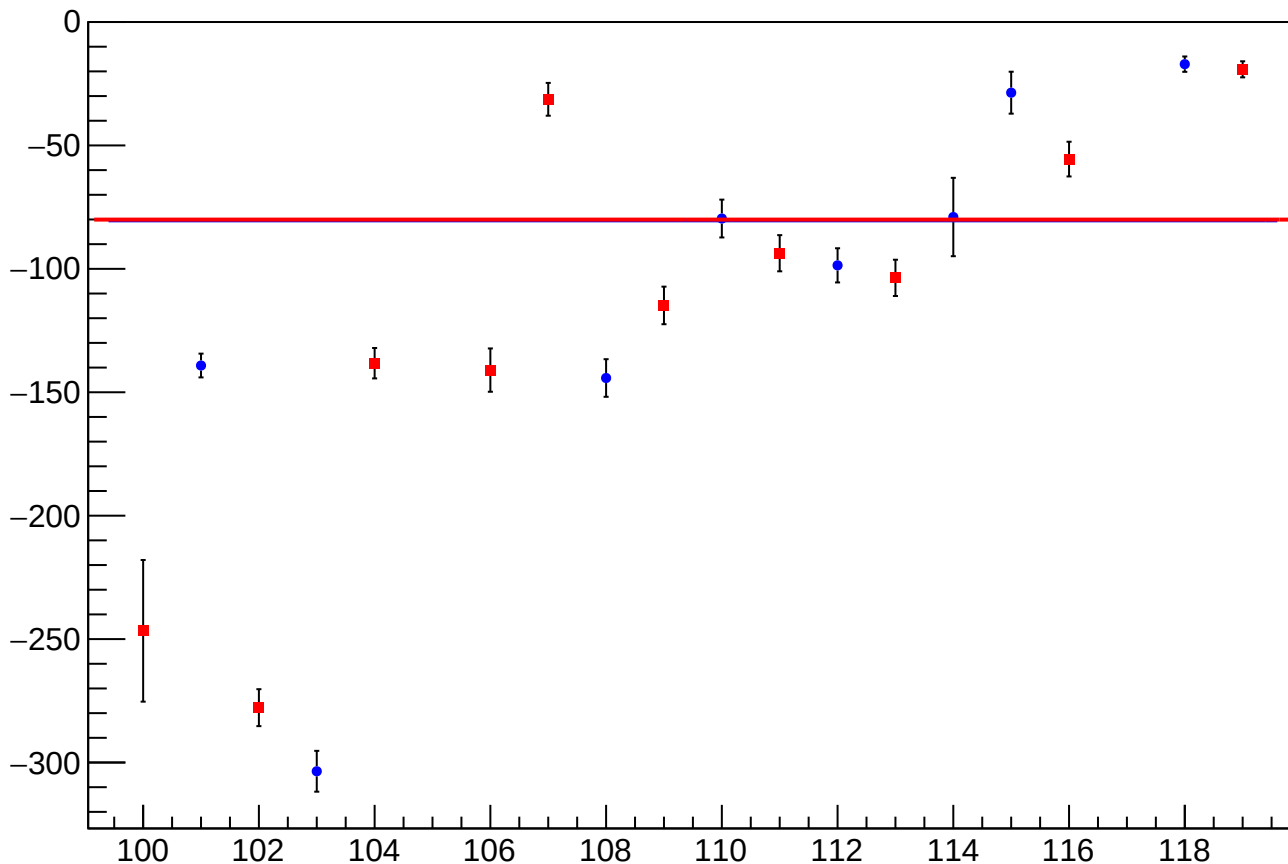
Right: -32.309 $\pm$ 1.390 χ^2 /NDF: 364.7/17

In: -34.048 $\pm$ 2.112 χ^2 /NDF:46.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.309 $\pm$ 1.390 χ^2 /NDF: 364.7/17

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -80.344 ± 2.067 $\chi^2/\text{NDF}: 1405.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -80.048 ± 2.000 $\chi^2/\text{NDF}: 1319.7/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

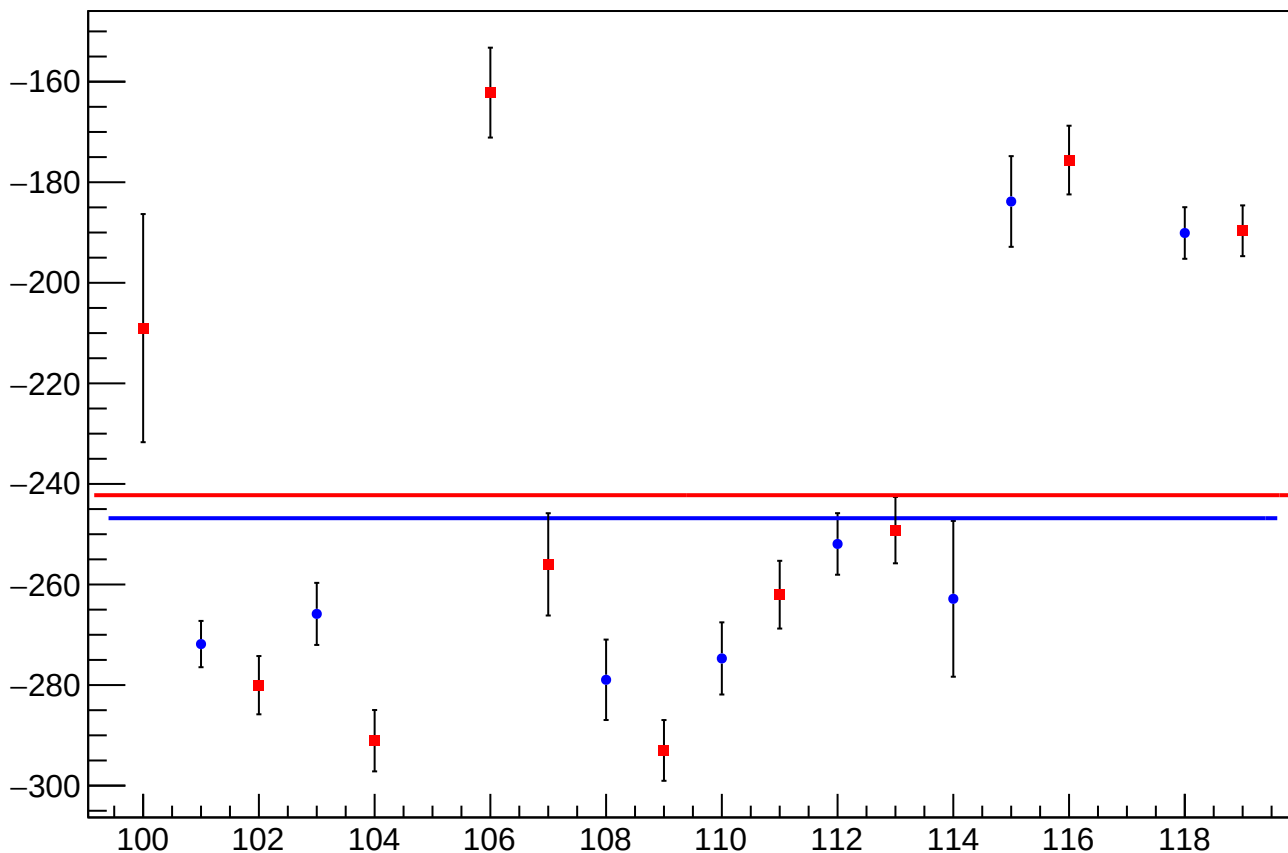
Right: -80.191 ± 1.437 $\chi^2/\text{NDF}: 2725.0/17$

In: -80.344 ± 2.067 $\chi^2/\text{NDF}: 1405.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -80.191 ± 1.437 $\chi^2/\text{NDF}: 2725.0/17$

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -246.815+/-2.296 χ^2/NDF : 243.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.239+/-2.163 χ^2/NDF : 474.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

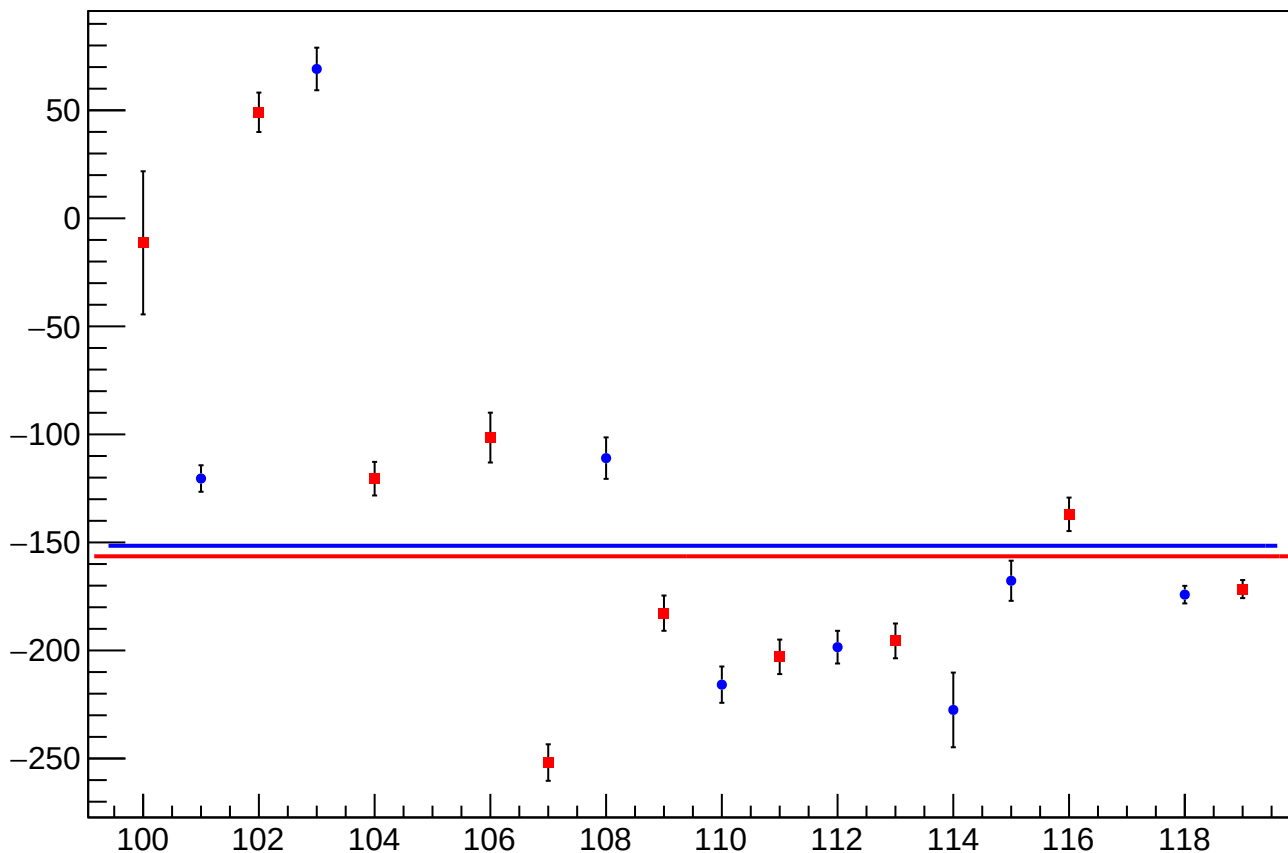
Right: -244.390+/-1.574 χ^2/NDF : 719.9/17

In: -246.815+/-2.296 χ^2/NDF : 243.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -244.390+/-1.574 χ^2/NDF : 719.9/17

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -151.548+/-2.542 χ^2/NDF : 695.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -156.422+/-2.418 χ^2/NDF : 785.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

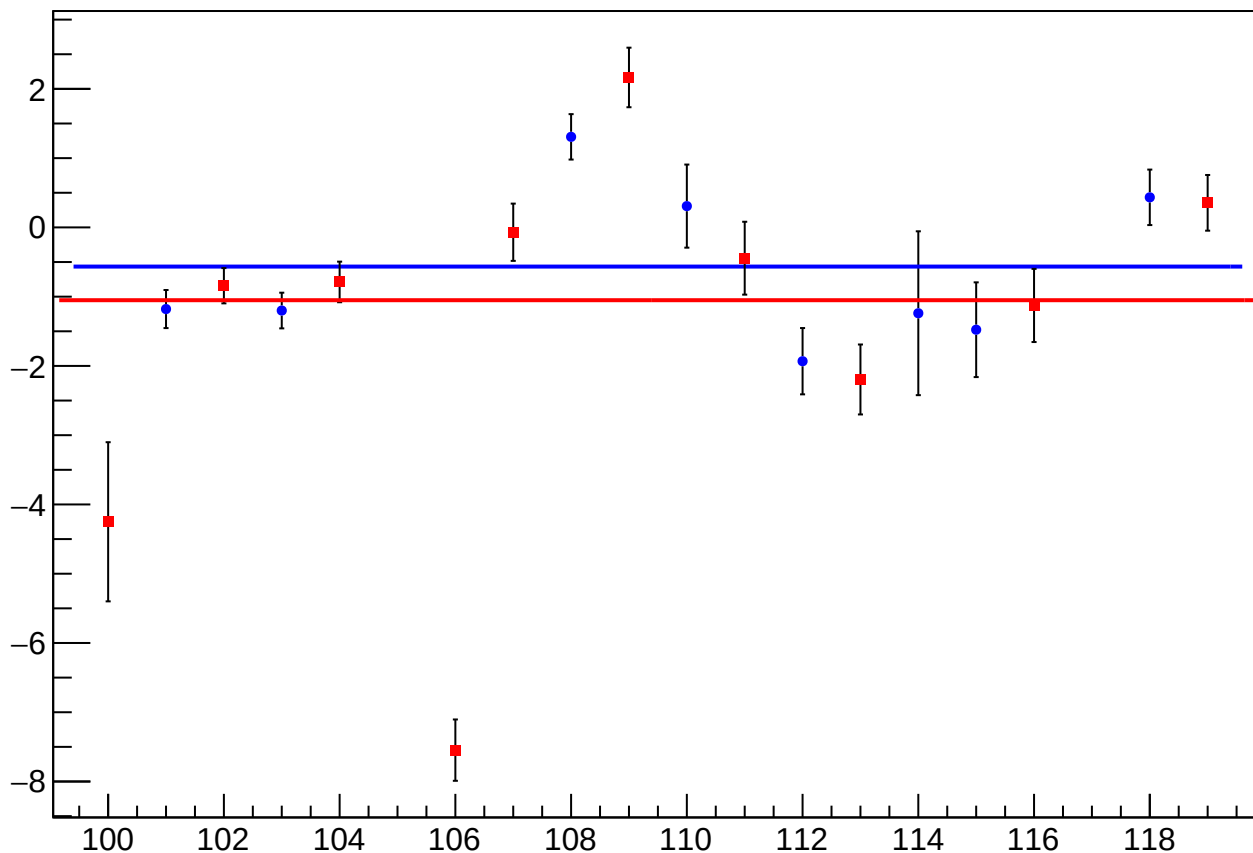
Right: -154.107+/-1.752 χ^2/NDF : 1482.9/17

In: -151.548+/-2.542 χ^2/NDF : 695.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.107+/-1.752 χ^2/NDF : 1482.9/17

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.566 ± 0.136 χ^2/NDF : 62.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.051 ± 0.128 χ^2/NDF : 304.8/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

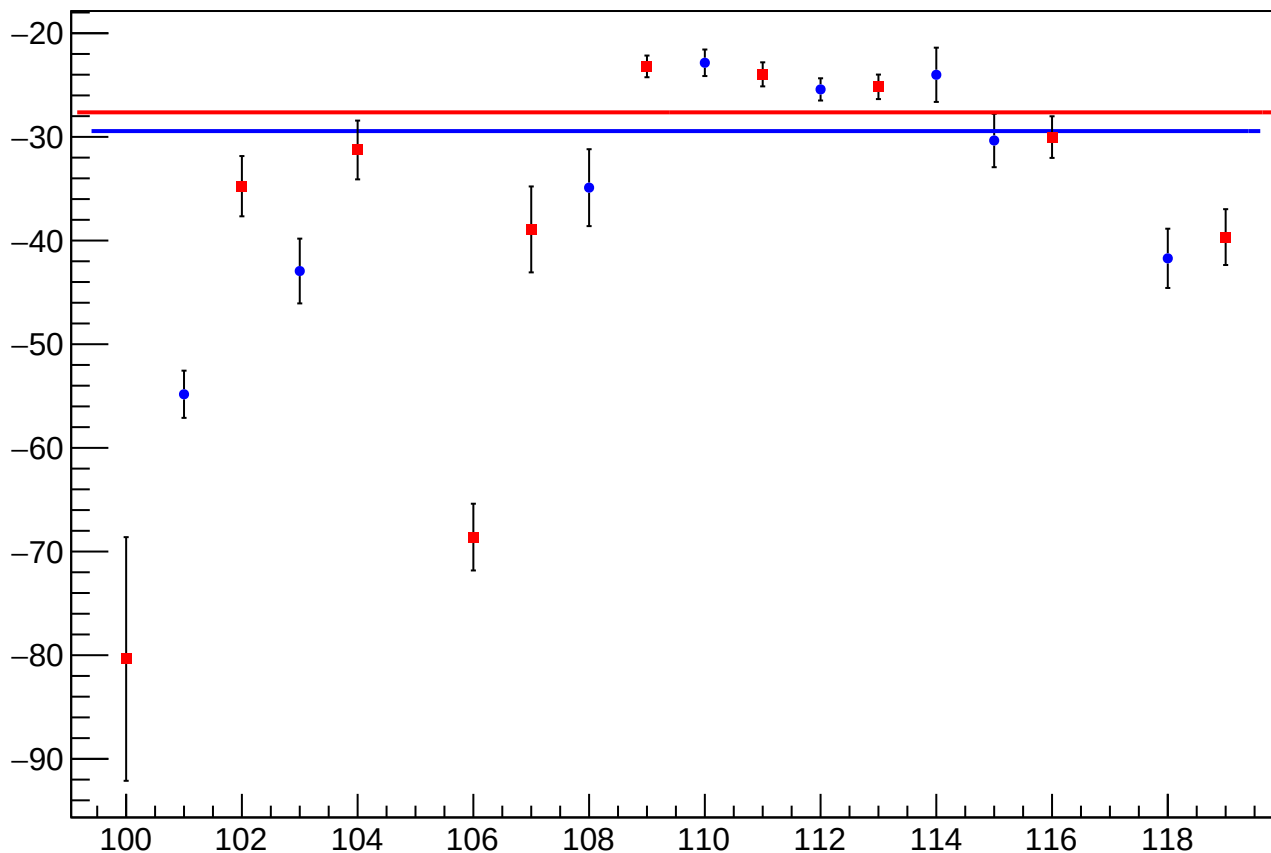
Right: -0.825 ± 0.093 χ^2/NDF : 373.9/17

In: -0.566 ± 0.136 χ^2/NDF : 62.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.825 ± 0.093 χ^2/NDF : 373.9/17

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -29.440+/-0.664 χ^2/NDF : 208.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -27.633+/-0.562 χ^2/NDF : 250.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

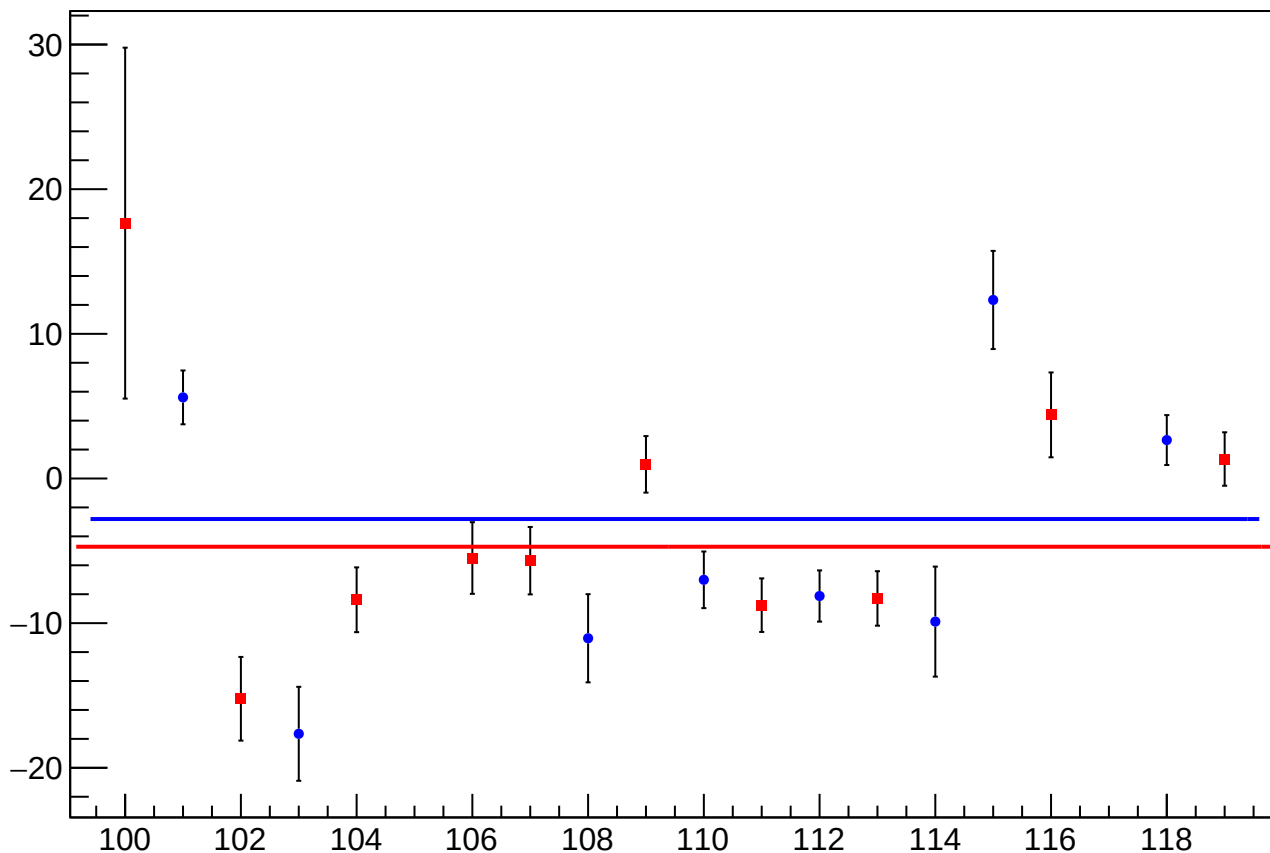
Right: -28.388+/-0.429 χ^2/NDF : 463.8/17

In: -29.440+/-0.664 χ^2/NDF :208.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -28.388+/-0.429 χ^2/NDF : 463.8/17

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.803+/-0.800 χ^2/NDF : 95.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.717+/-0.722 χ^2/NDF : 56.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

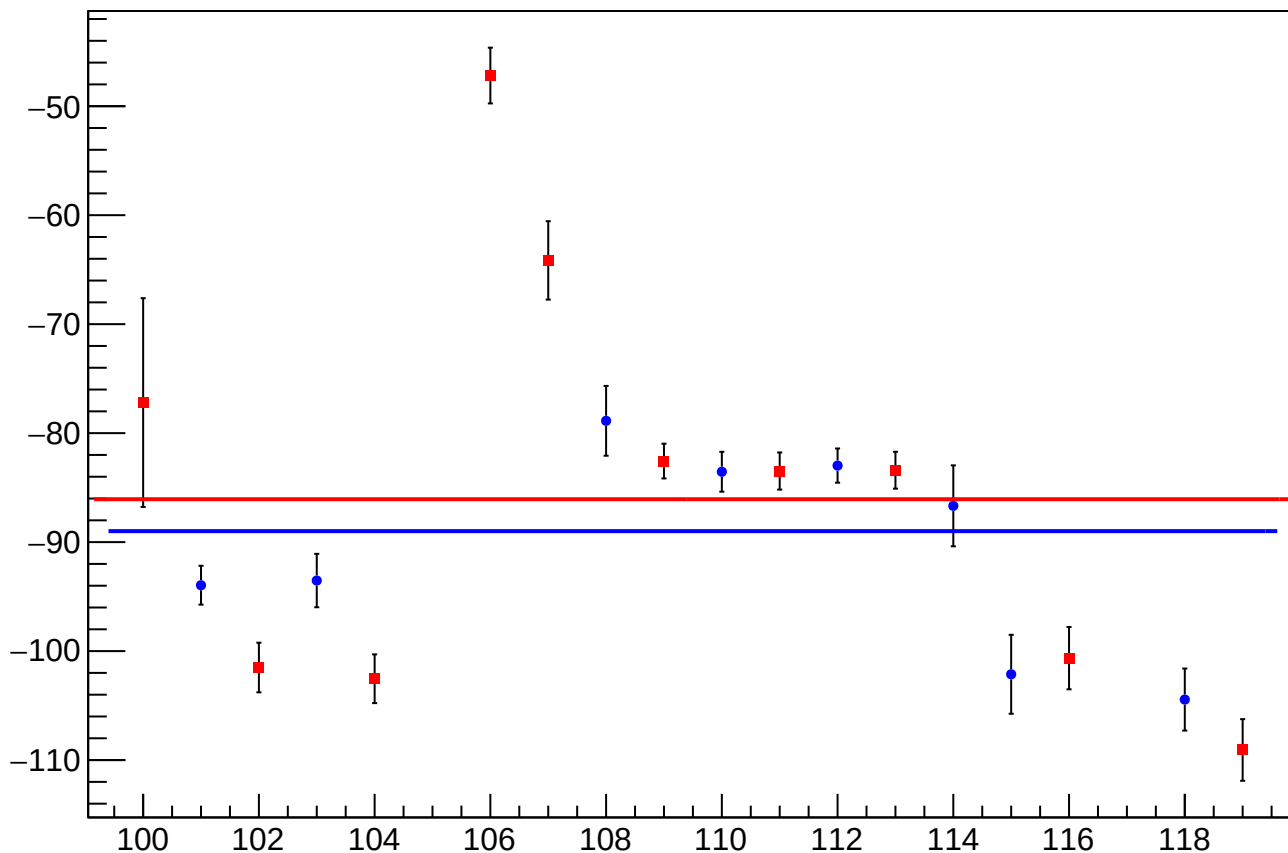
Right: -3.857+/-0.536 χ^2/NDF : 155.7/17

In: -2.803+/-0.800 χ^2/NDF :95.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.857+/-0.536 χ^2/NDF : 155.7/17

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -88.992 $\pm$ 0.802 χ^2 /NDF: 87.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -86.064 $\pm$ 0.713 χ^2 /NDF: 471.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

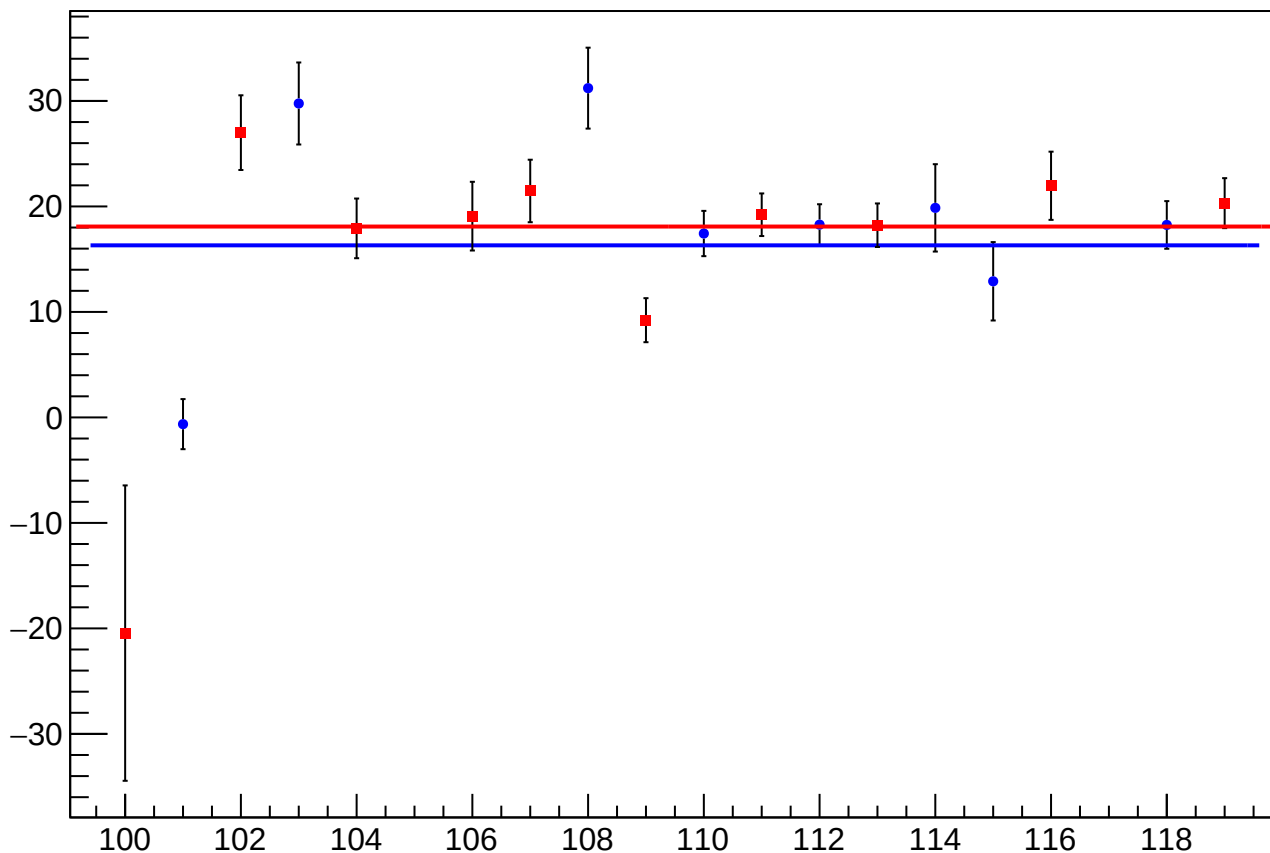
Right: -87.357 $\pm$ 0.533 χ^2 /NDF: 566.2/17

In: -88.992 $\pm$ 0.802 χ^2 /NDF: 87.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.357 $\pm$ 0.533 χ^2 /NDF: 566.2/17

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.312 $\pm$ 0.944 χ^2 /NDF: 81.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.094 $\pm$ 0.845 χ^2 /NDF: 36.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

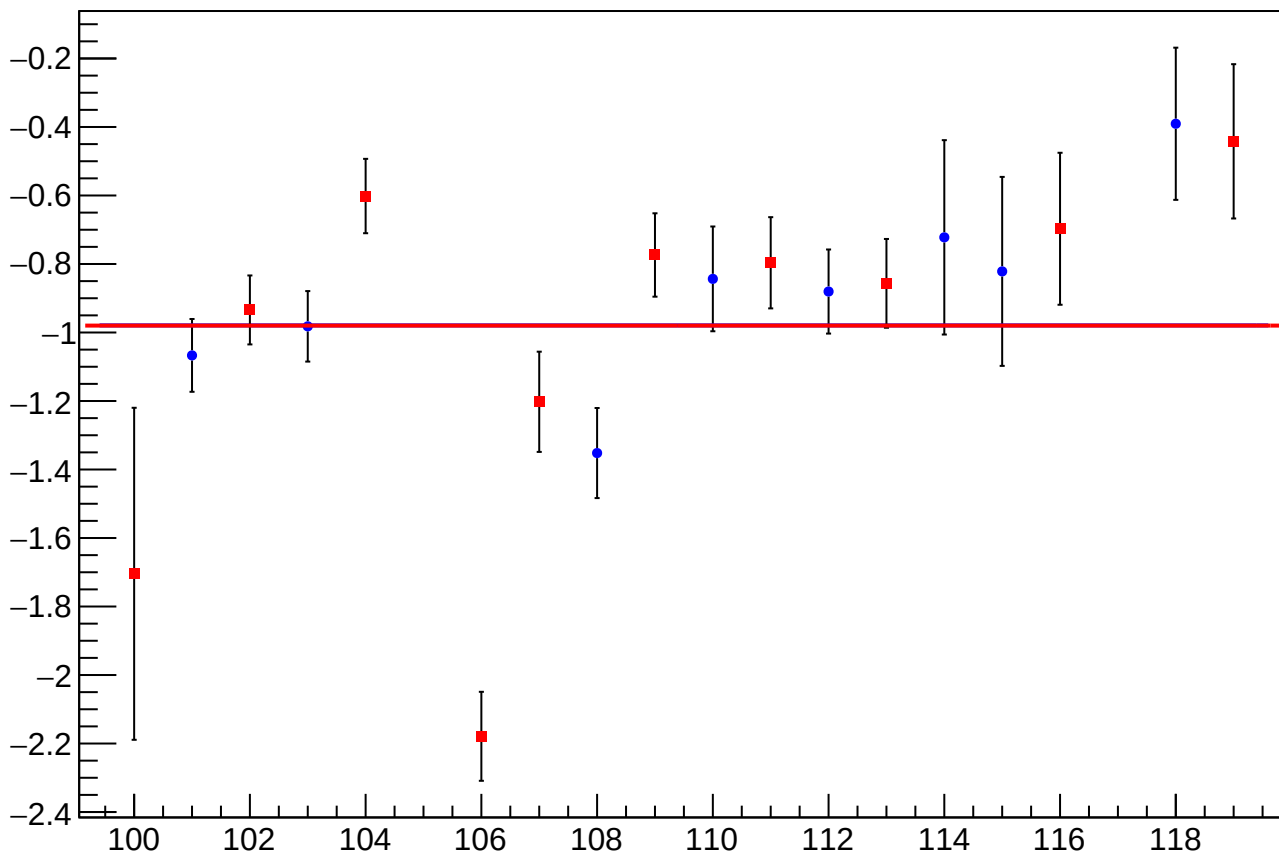
Right: 17.302 $\pm$ 0.629 χ^2 /NDF: 119.6/17

In: 16.312 $\pm$ 0.944 χ^2 /NDF:81.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.302 $\pm$ 0.629 χ^2 /NDF: 119.6/17

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.979+/-0.050 χ^2/NDF : 18.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.980+/-0.044 χ^2/NDF : 115.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

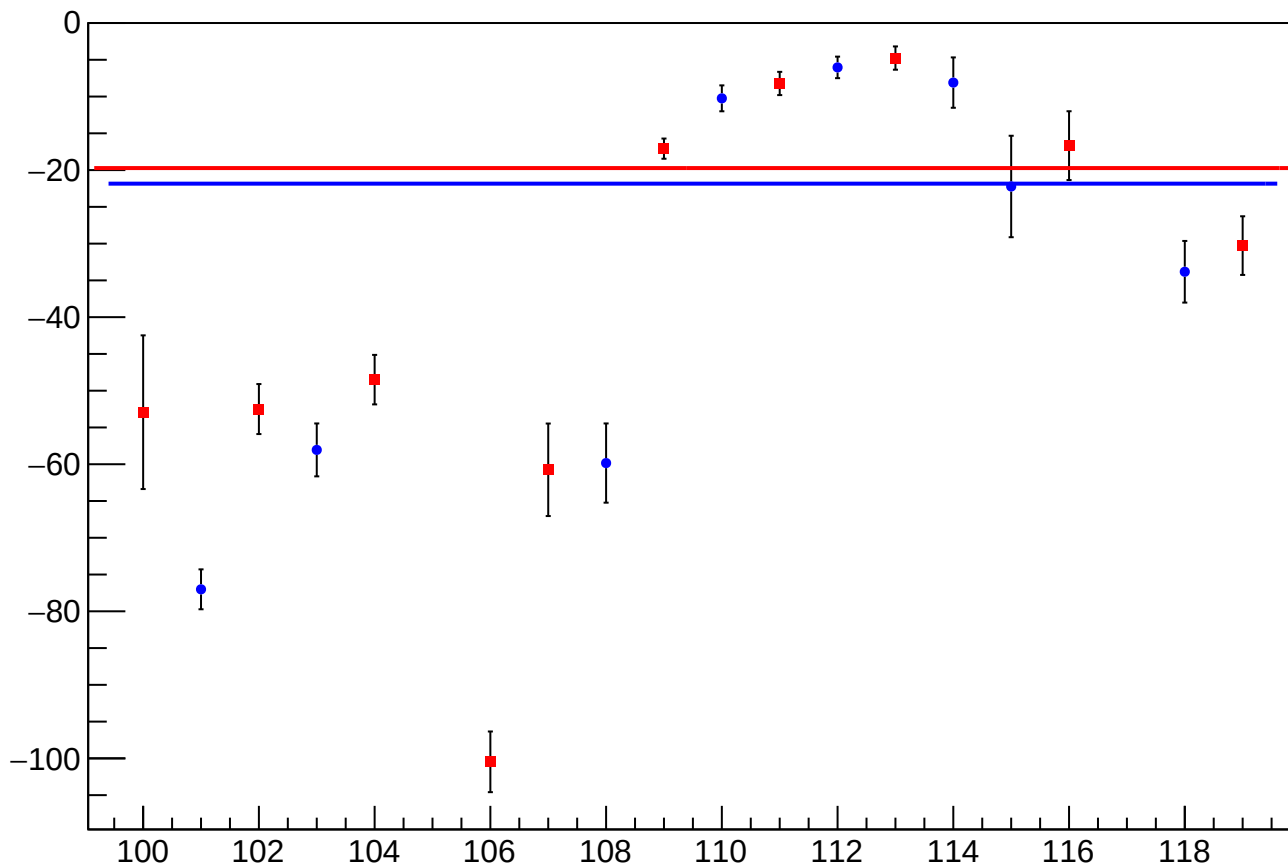
Right: -0.980+/-0.033 χ^2/NDF : 133.4/17

In: -0.979+/-0.050 χ^2/NDF : 18.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.980+/-0.033 χ^2/NDF : 133.4/17

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.845+/-0.913 χ^2/NDF : 748.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.726+/-0.765 χ^2/NDF : 755.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

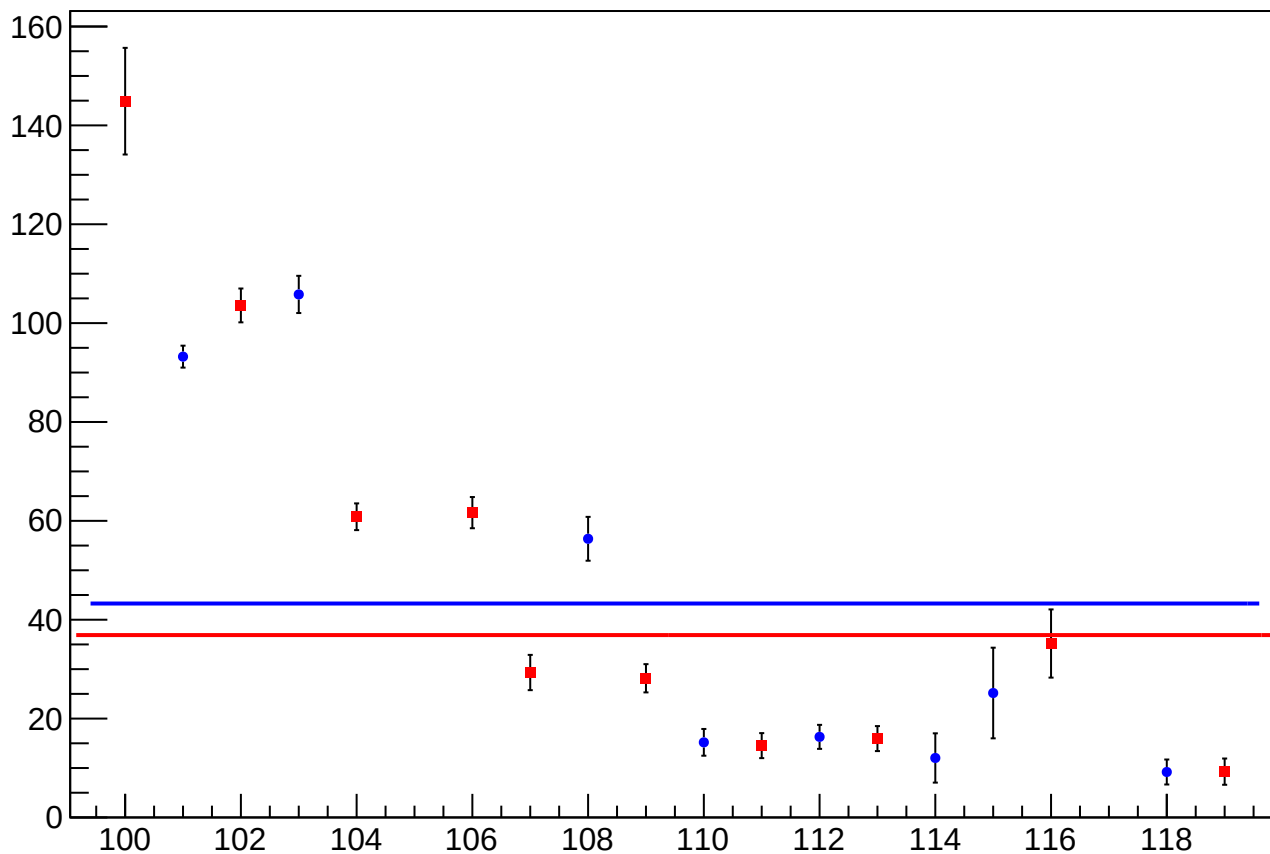
Right: -20.601+/-0.587 χ^2/NDF : 1506.8/17

In: -21.845+/-0.913 χ^2/NDF : 748.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.601+/-0.587 χ^2/NDF : 1506.8/17

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 43.277+/-1.092 χ^2/NDF : 1247.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.893+/-0.996 χ^2/NDF : 889.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

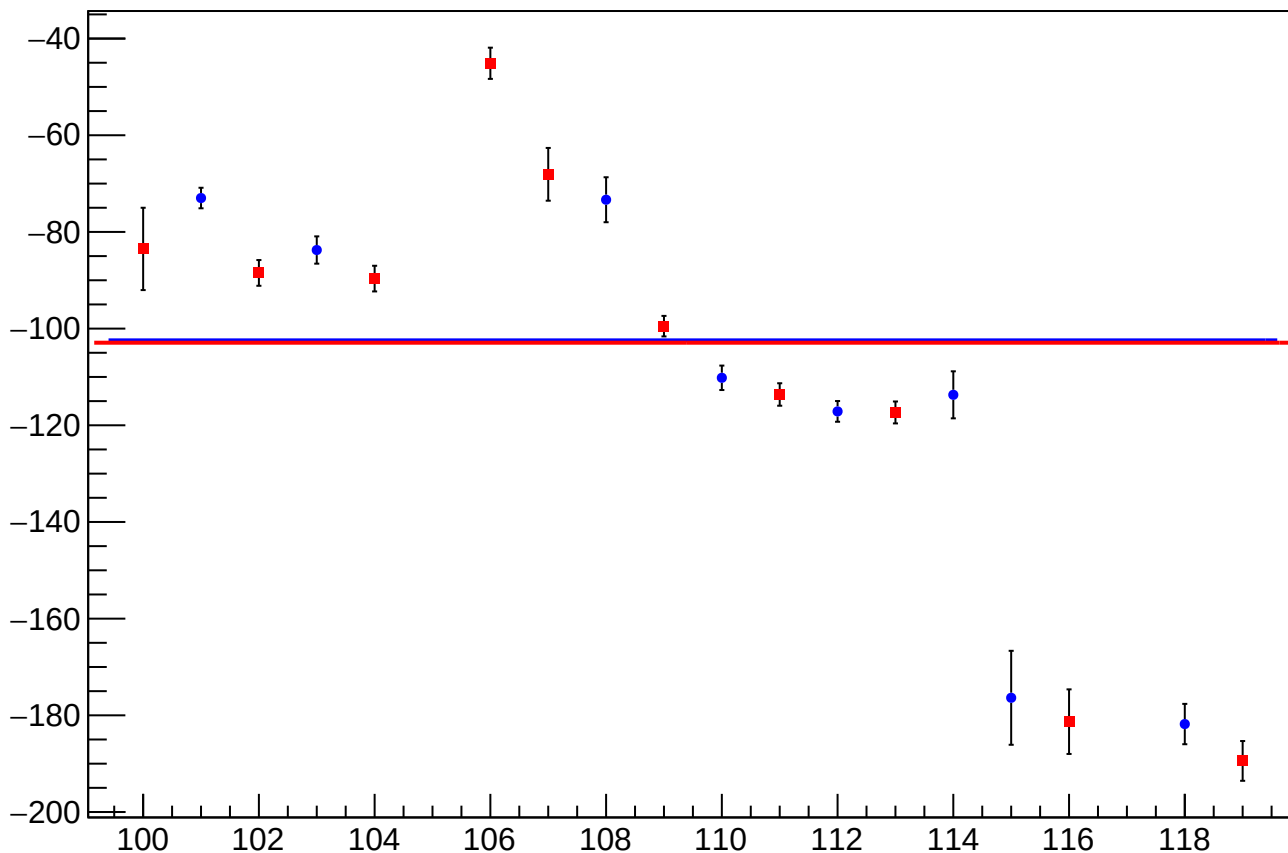
Right: 39.793+/-0.736 χ^2/NDF : 2154.6/17

In: 43.277+/-1.092 χ^2/NDF : 1247.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.793+/-0.736 χ^2/NDF : 2154.6/17

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -102.434+/-1.067 χ^2/NDF : 756.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -102.917+/-0.949 χ^2/NDF : 1065.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

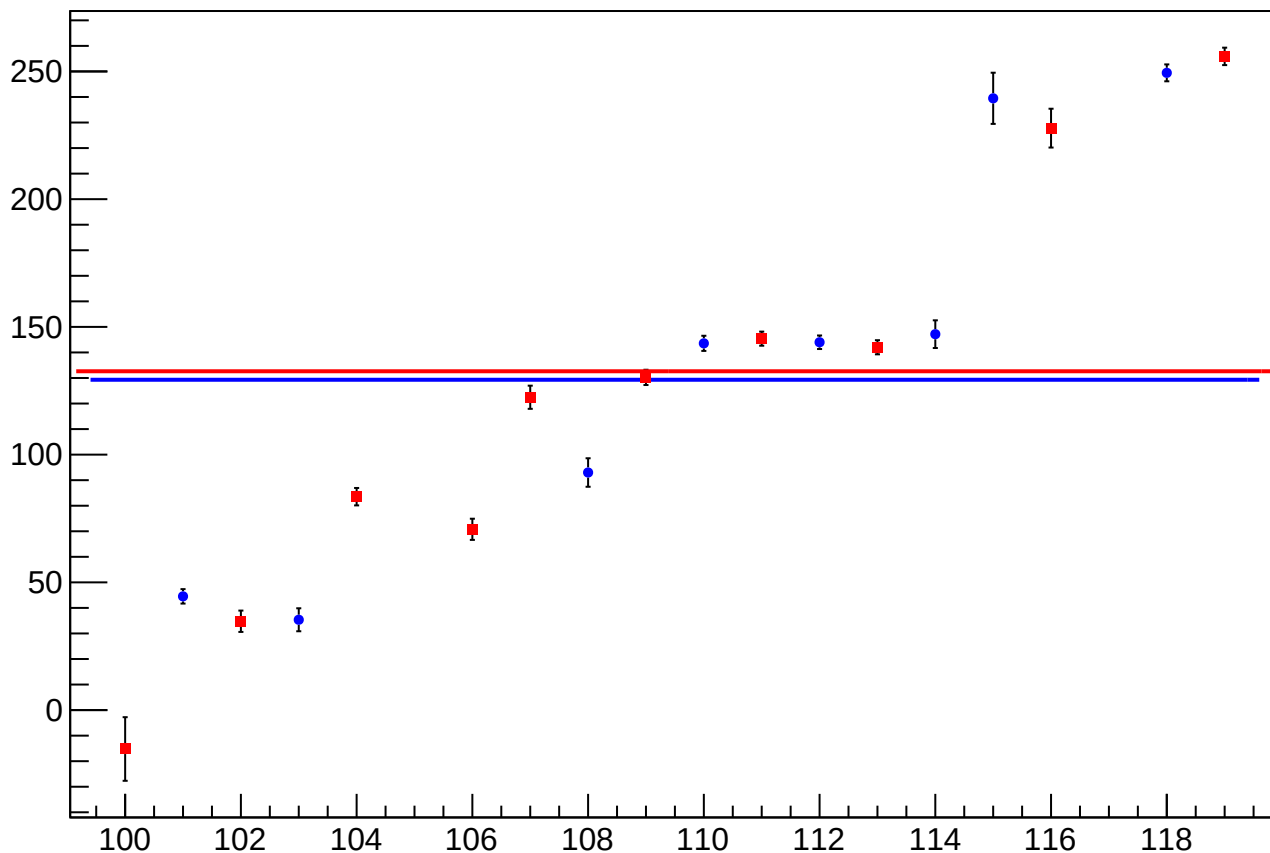
Right: -102.704+/-0.709 χ^2/NDF : 1821.9/17

In: -102.434+/-1.067 χ^2/NDF : 756.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.704+/-0.709 χ^2/NDF : 1821.9/17

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 129.309+/-1.293 χ^2/NDF : 2884.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.634+/-1.167 χ^2/NDF : 2622.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

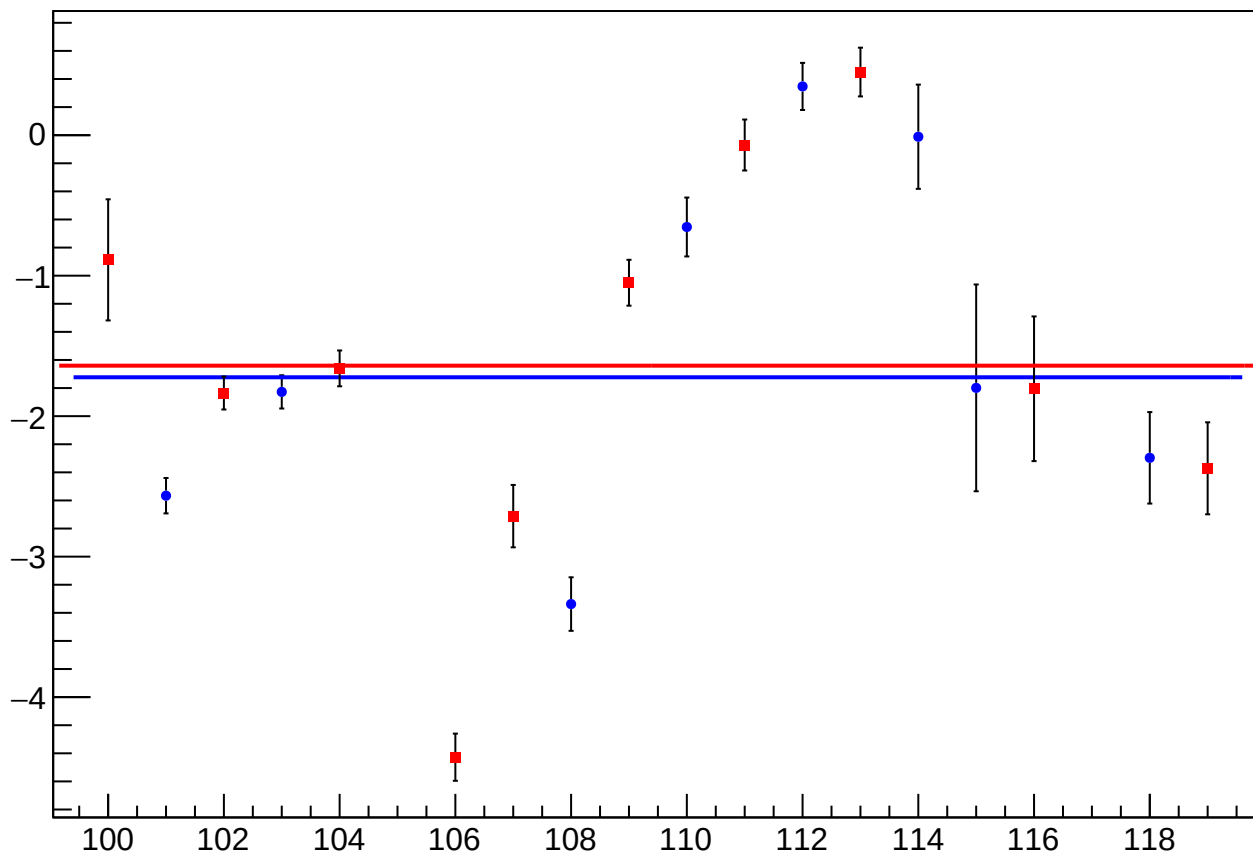
Right: 131.142+/-0.866 χ^2/NDF : 5509.9/17

In: 129.309+/-1.293 χ^2/NDF : 2884.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.142+/-0.866 χ^2/NDF : 5509.9/17

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.723 ± 0.065 χ^2/NDF : 320.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.641 ± 0.057 χ^2/NDF : 542.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

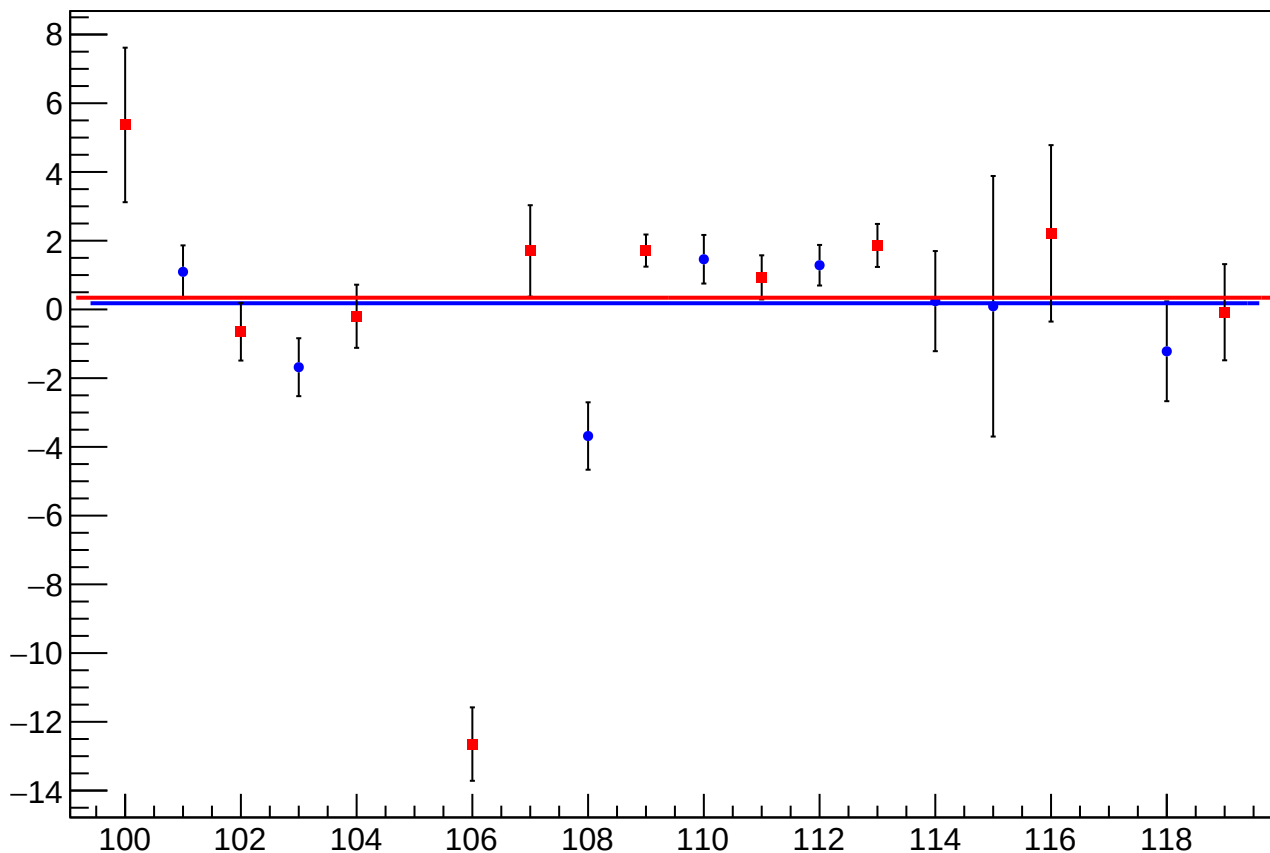
Right: -1.677 ± 0.043 χ^2/NDF : 864.0/17

In: -1.723 ± 0.065 χ^2/NDF : 320.2/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.677 ± 0.043 χ^2/NDF : 864.0/17

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.180+/-0.316 χ^2/NDF : 29.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.341+/-0.263 χ^2/NDF : 171.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

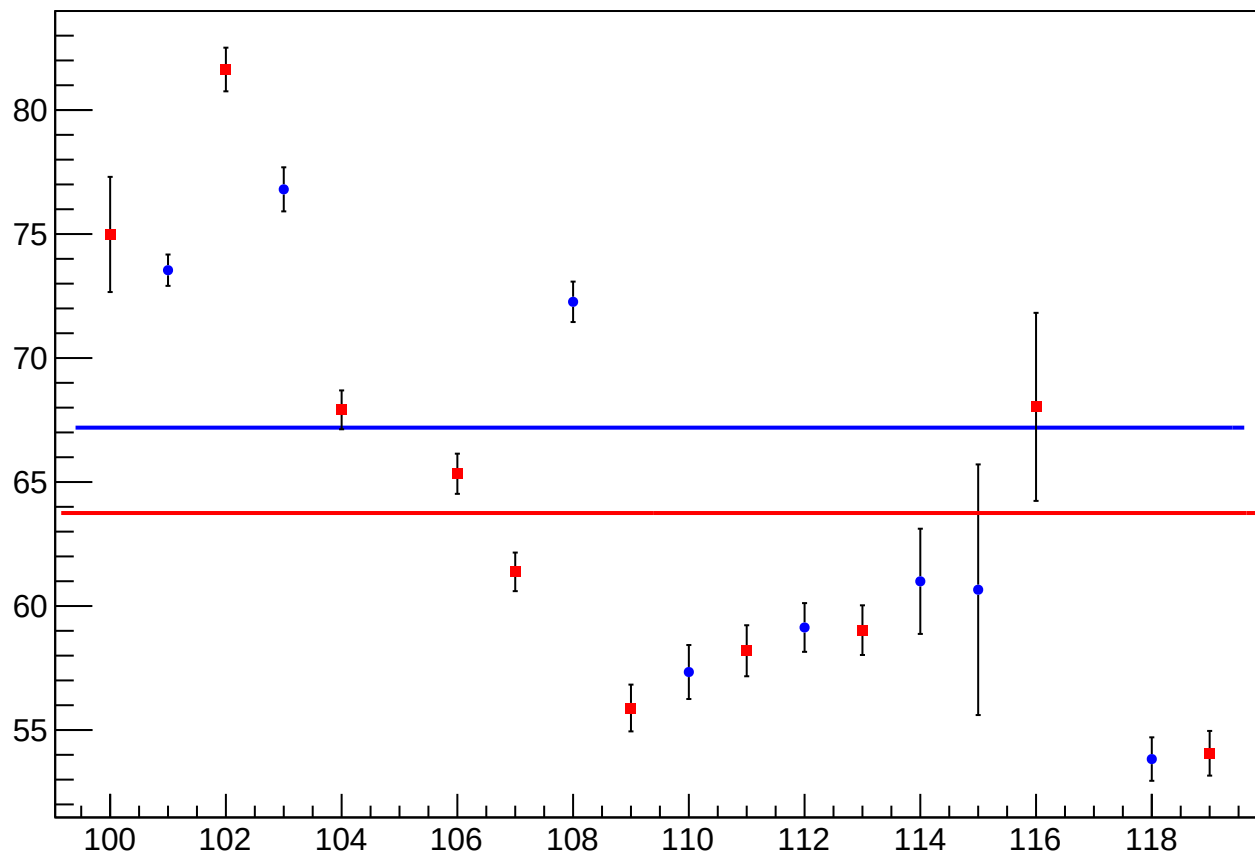
Right: 0.275+/-0.202 χ^2/NDF : 201.2/17

In: 0.180+/-0.316 χ^2/NDF : 29.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.275+/-0.202 χ^2/NDF : 201.2/17

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 67.194+/-0.339 χ^2/NDF : 648.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.751+/-0.306 χ^2/NDF : 715.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

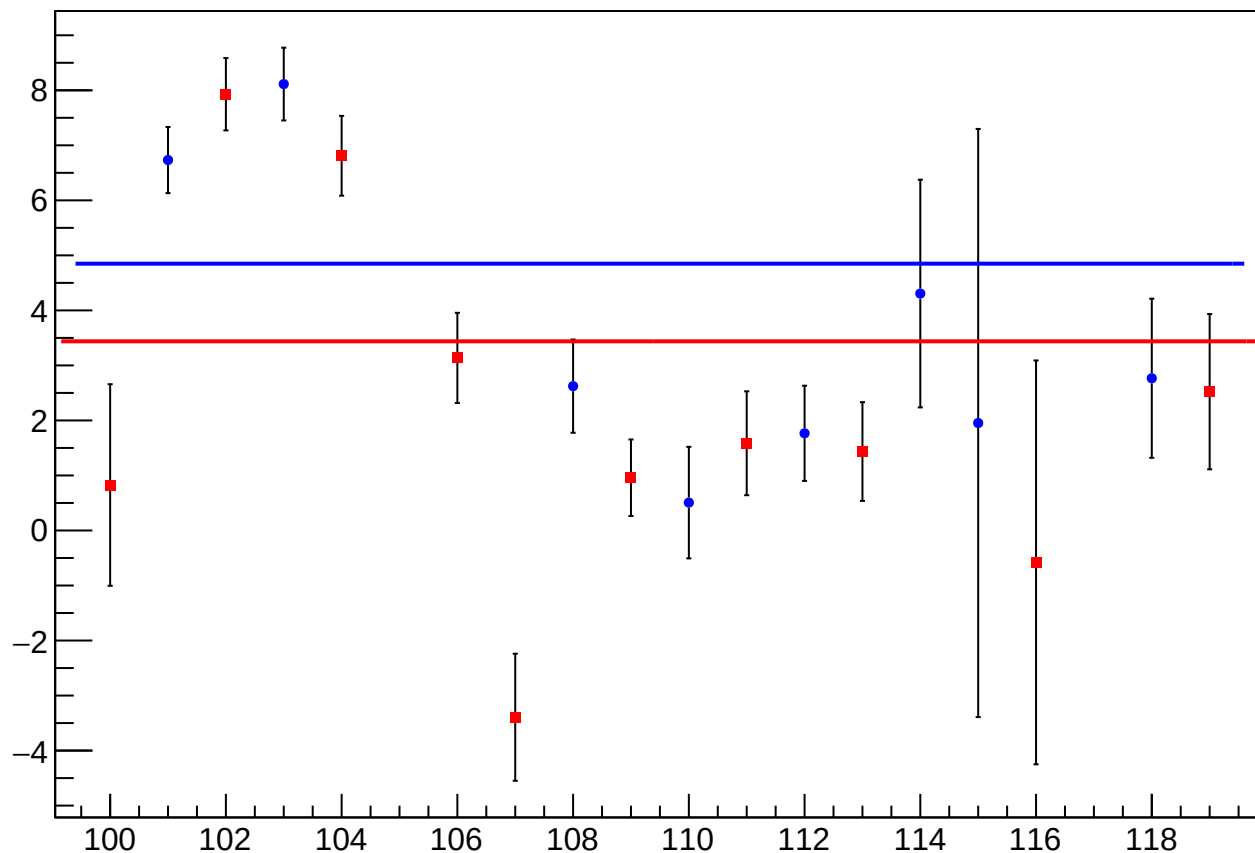
Right: 65.300+/-0.227 χ^2/NDF : 1420.8/17

In: 67.194+/-0.339 χ^2/NDF : 648.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.300+/-0.227 χ^2/NDF : 1420.8/17

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.849+/-0.324 χ^2/NDF : 74.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.438+/-0.292 χ^2/NDF : 128.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

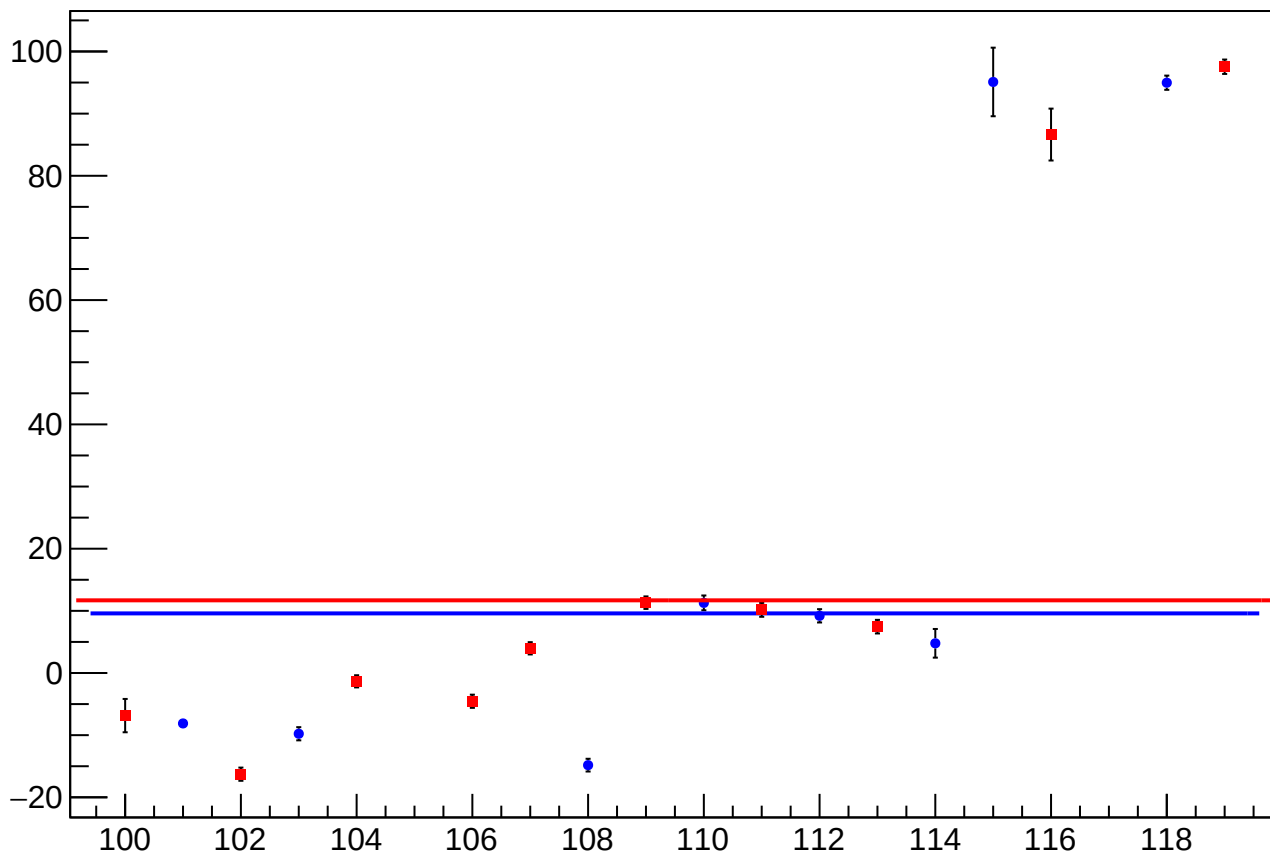
Right: 4.069+/-0.217 χ^2/NDF : 213.7/17

In: 4.849+/-0.324 χ^2/NDF : 74.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.069+/-0.217 χ^2/NDF : 213.7/17

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 9.590+/-0.410 χ^2/NDF : 7208.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.692+/-0.368 χ^2/NDF : 7059.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

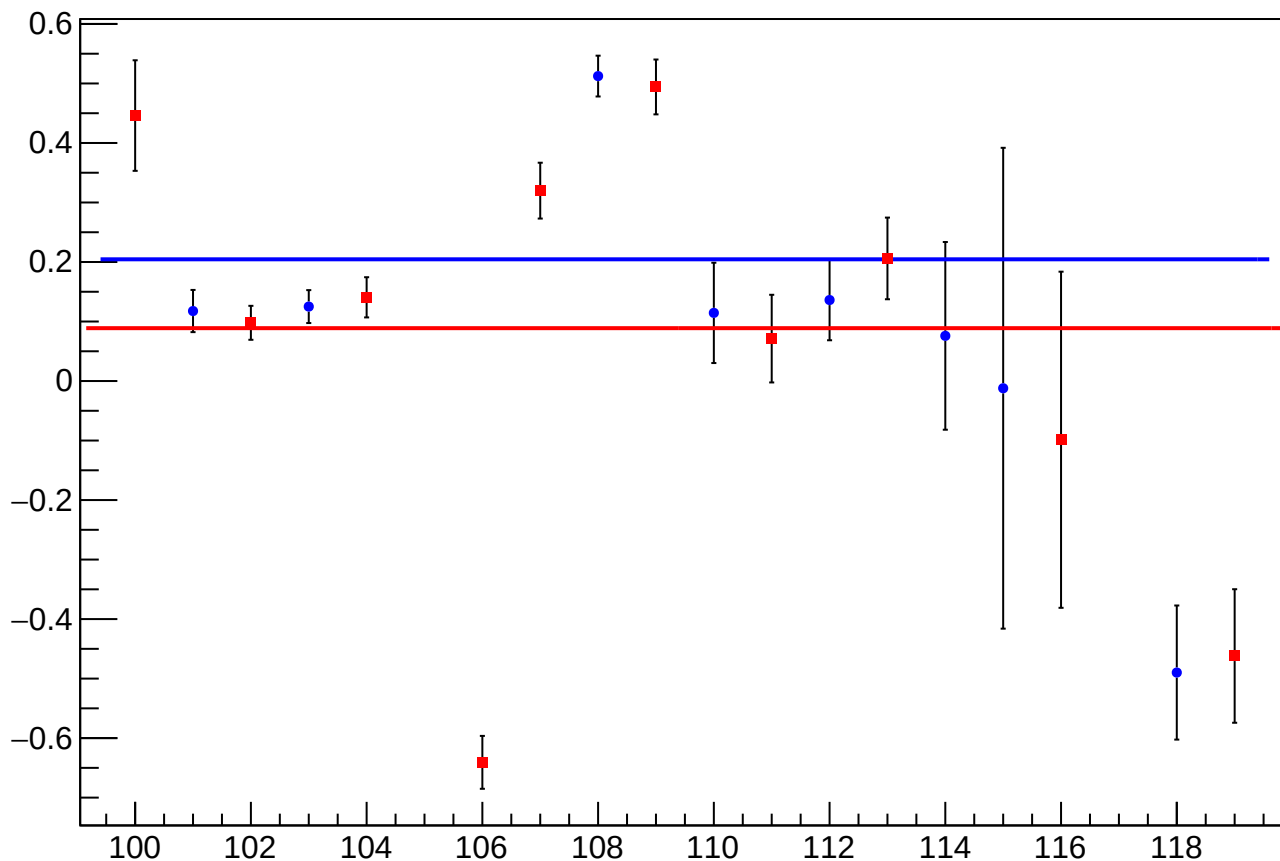
Right: 10.755+/-0.274 χ^2/NDF : 14282.2/17

In: 9.590+/-0.410 χ^2/NDF : 7208.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.755+/-0.274 χ^2/NDF : 14282.2/17

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.205+/-0.017 χ^2/NDF : 136.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.089+/-0.016 χ^2/NDF : 415.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

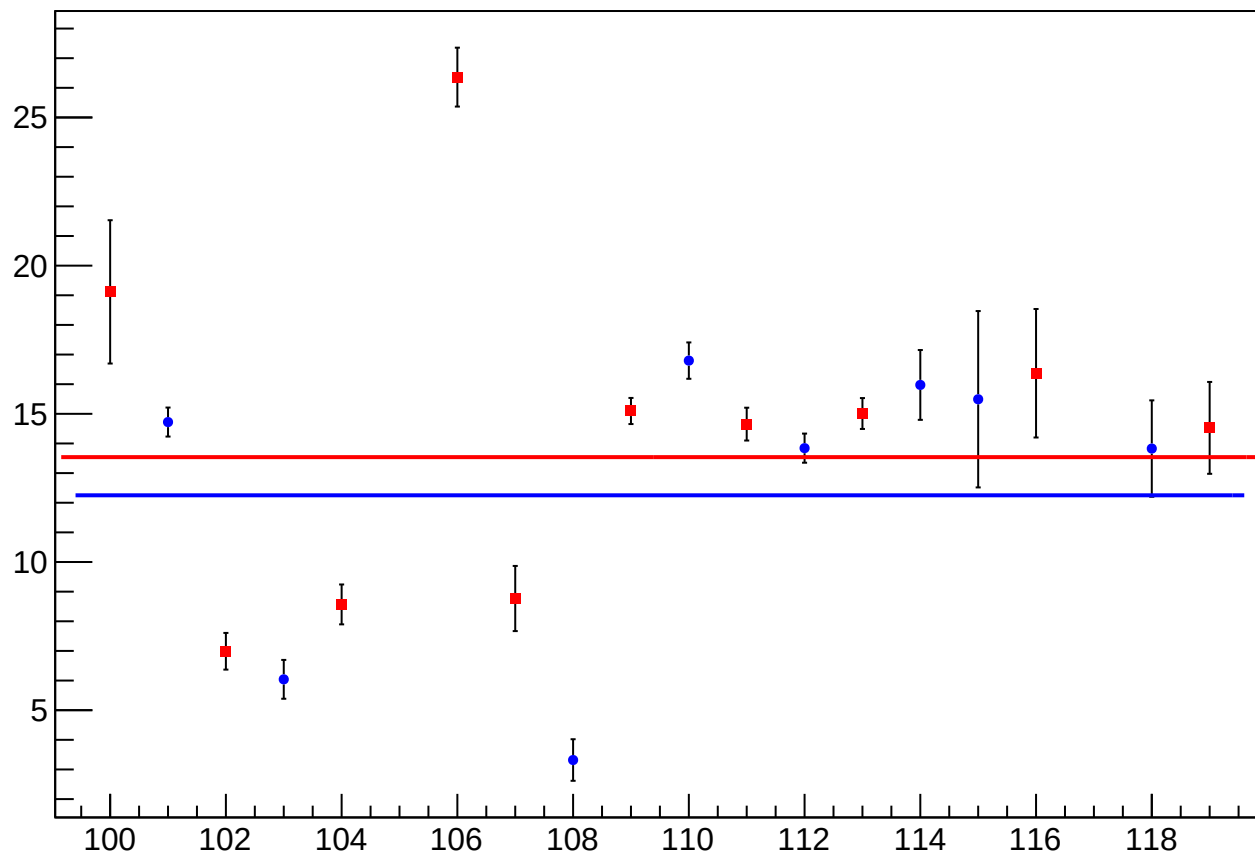
Right: 0.141+/-0.011 χ^2/NDF : 576.9/17

In: 0.205+/-0.017 χ^2/NDF : 136.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.141+/-0.011 χ^2/NDF : 576.9/17

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.251+/-0.246 χ^2/NDF : 355.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.539+/-0.226 χ^2/NDF : 383.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

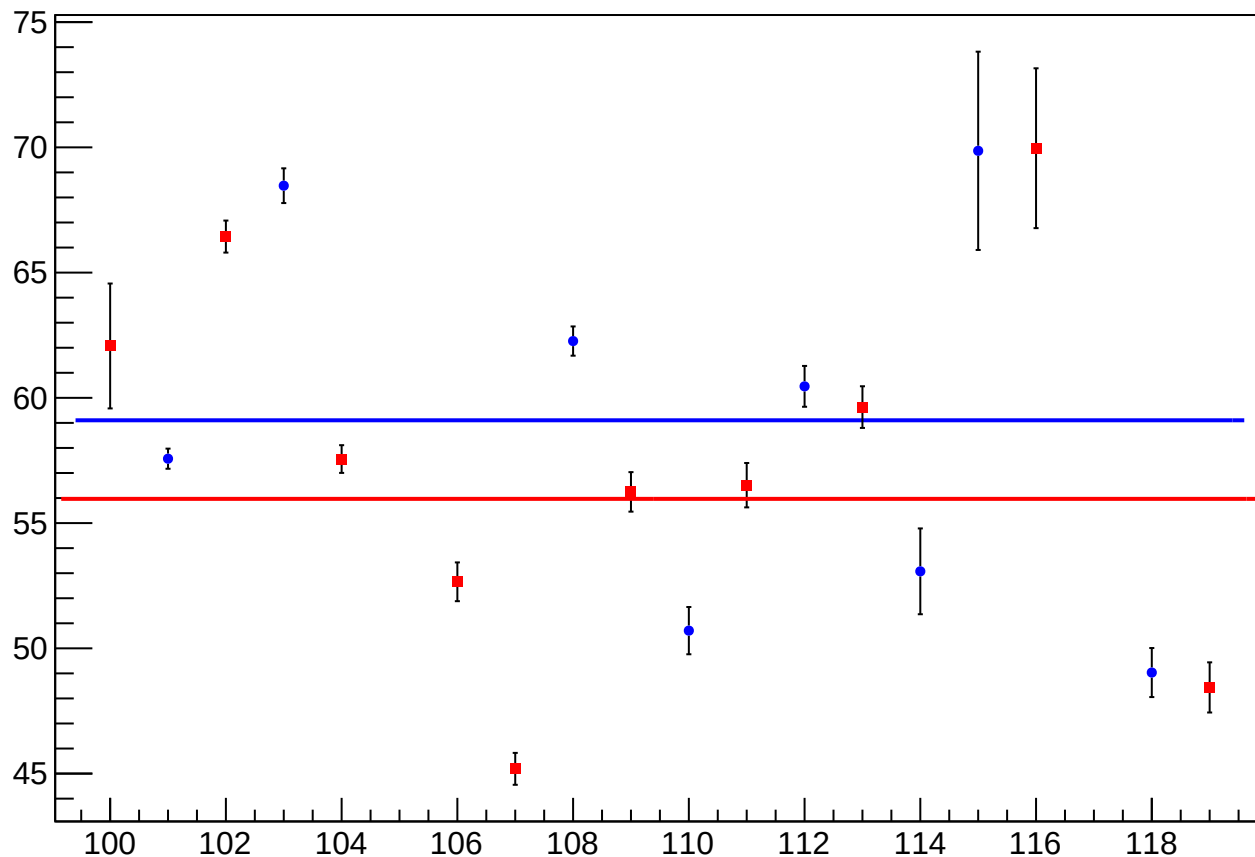
Right: 12.949+/-0.166 χ^2/NDF : 753.7/17

In: 12.251+/-0.246 χ^2/NDF : 355.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.949+/-0.166 χ^2/NDF : 753.7/17

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 59.104+/-0.256 χ^2/NDF : 434.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.967+/-0.255 χ^2/NDF : 683.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

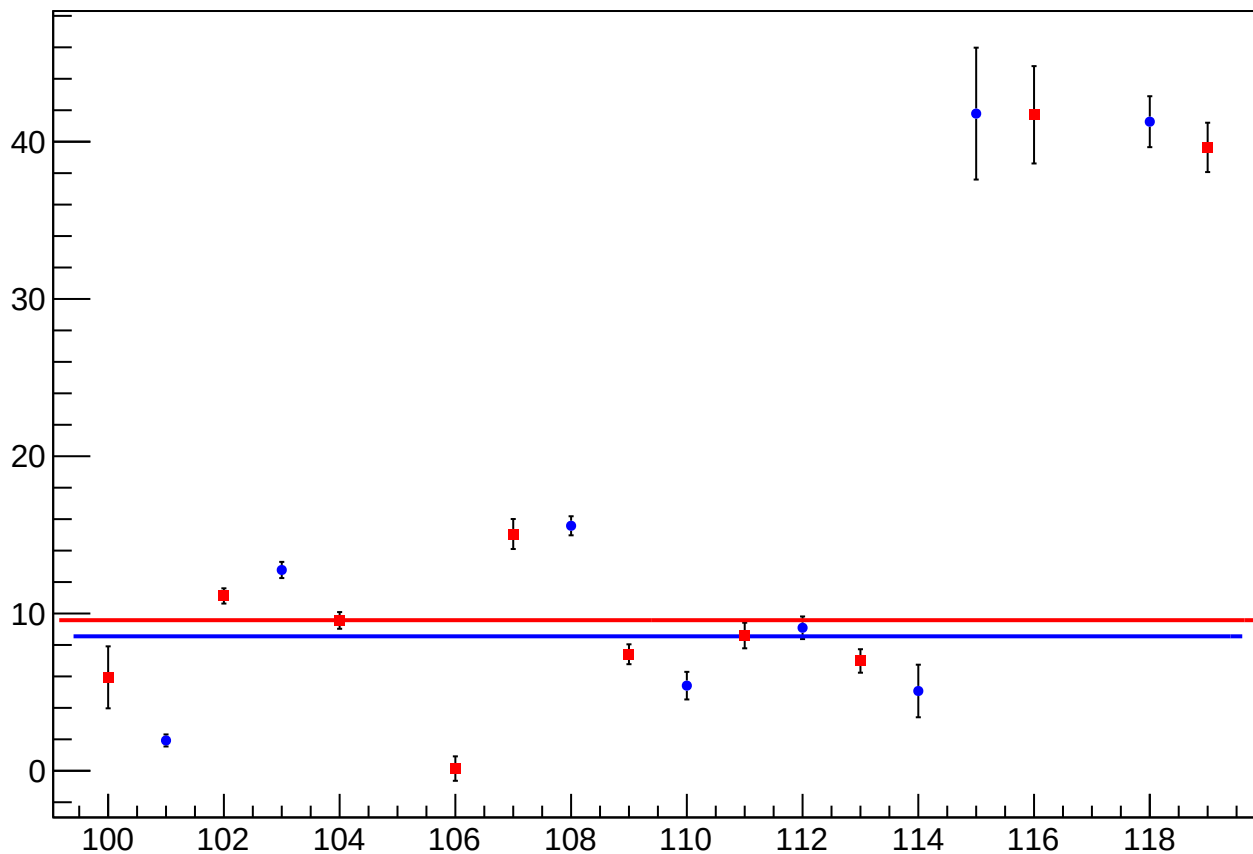
Right: 57.528+/-0.180 χ^2/NDF : 1192.5/17

In: 59.104+/-0.256 χ^2/NDF : 434.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.528+/-0.180 χ^2/NDF : 1192.5/17

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.550+/-0.240 χ^2/NDF : 990.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.576+/-0.242 χ^2/NDF : 694.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

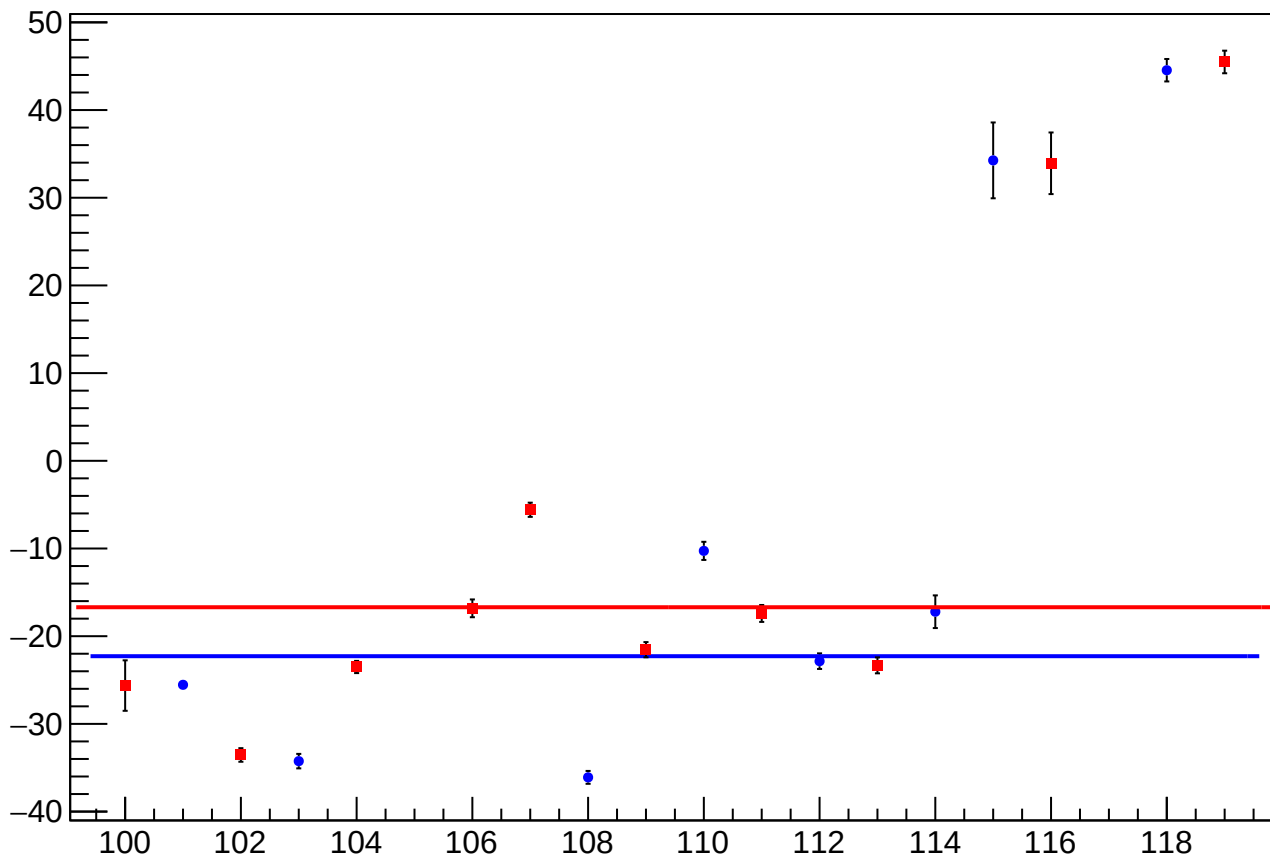
Right: 9.059+/-0.170 χ^2/NDF : 1693.2/17

In: 8.550+/-0.240 χ^2/NDF : 990.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.059+/-0.170 χ^2/NDF : 1693.2/17

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -22.281 ± 0.311 χ^2/NDF : 3643.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.698 ± 0.306 χ^2/NDF : 3389.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

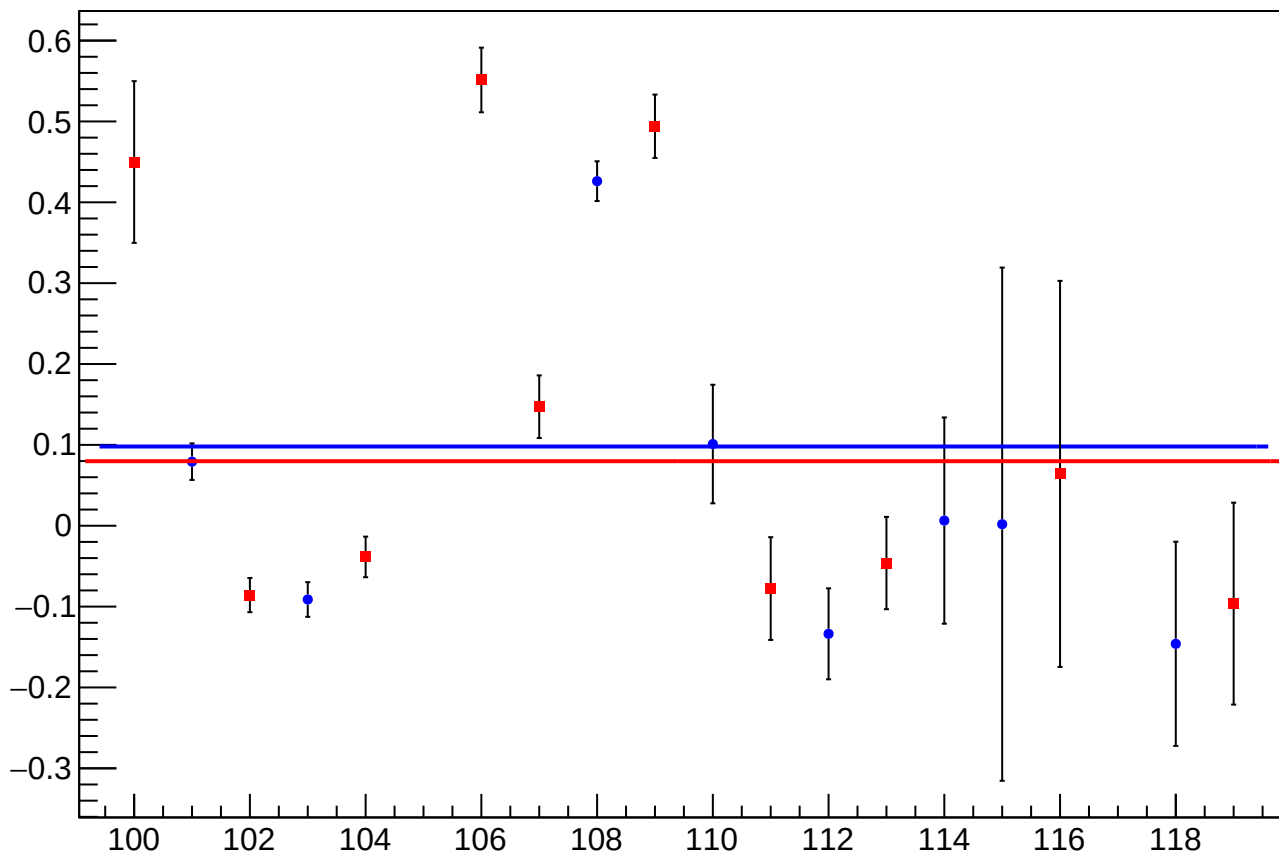
Right: -19.446 ± 0.218 χ^2/NDF : 7196.4/17

In: -22.281 ± 0.311 χ^2/NDF : 3643.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.446 ± 0.218 χ^2/NDF : 7196.4/17

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.098 $\pm$ 0.012 χ^2 /NDF: 277.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.080 $\pm$ 0.012 χ^2 /NDF: 364.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

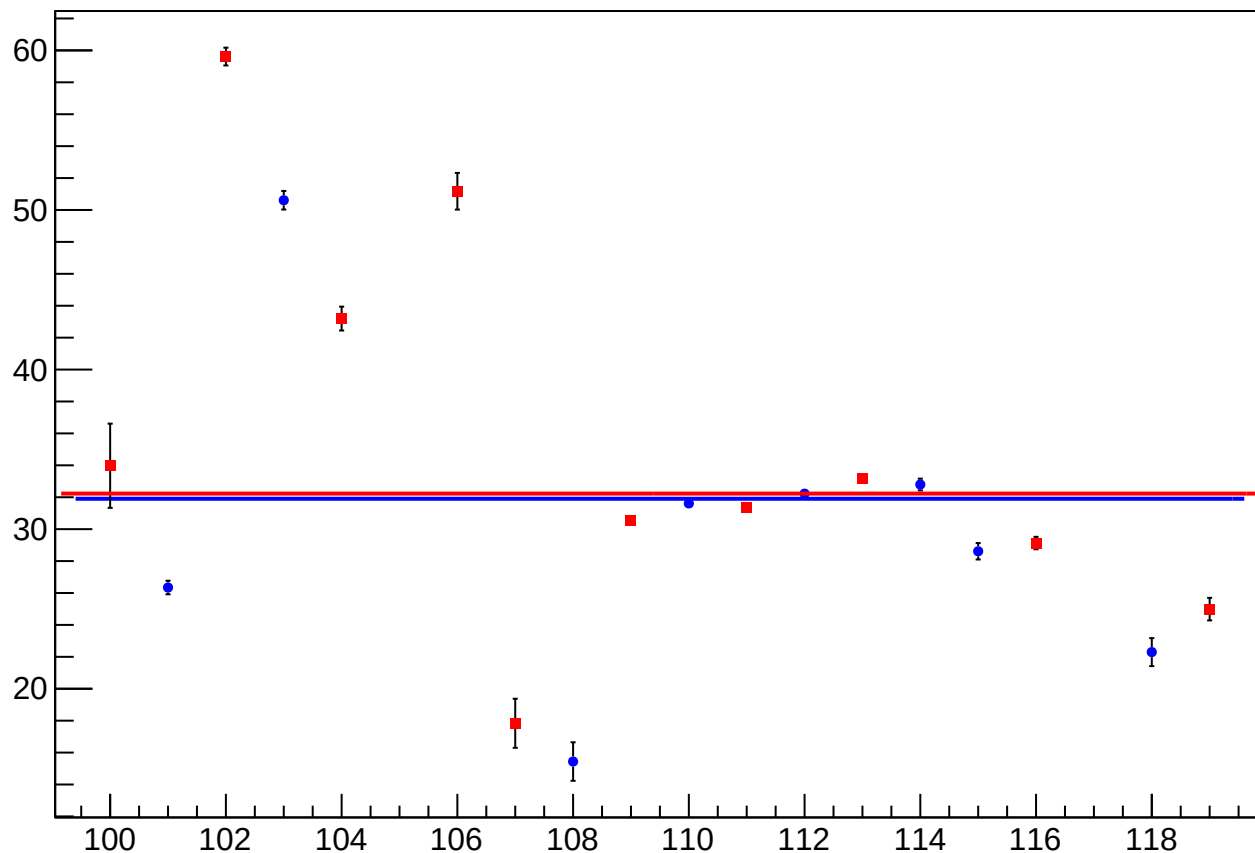
Right: 0.089 $\pm$ 0.009 χ^2 /NDF: 643.1/17

In: 0.098 $\pm$ 0.012 χ^2 /NDF:277.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.089 $\pm$ 0.009 χ^2 /NDF: 643.1/17

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 31.905+/-0.108 χ^2/NDF : 1562.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.229+/-0.088 χ^2/NDF : 3347.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

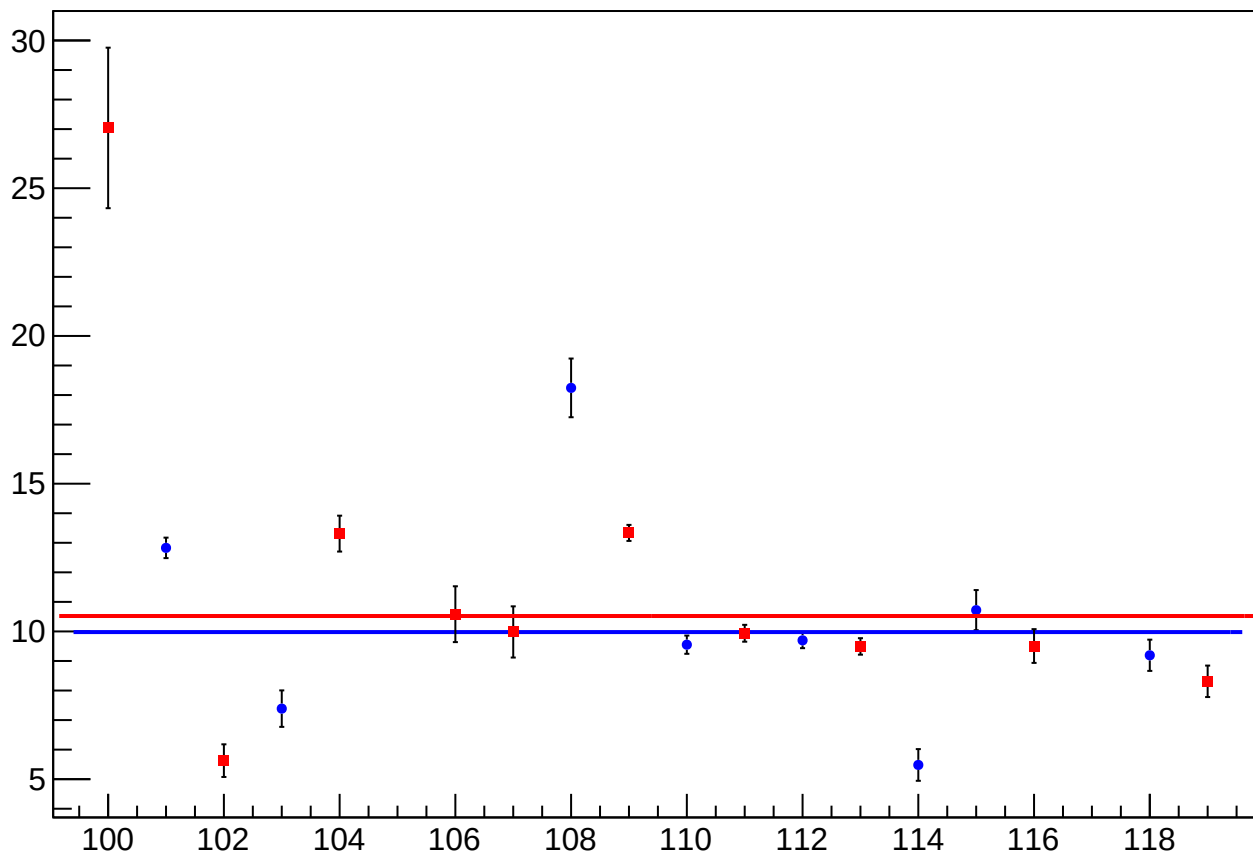
Right: 32.100+/-0.068 χ^2/NDF : 4915.4/17

In: 31.905+/-0.108 χ^2/NDF : 1562.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.100+/-0.068 χ^2/NDF : 4915.4/17

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.978+/-0.147 χ^2/NDF : 231.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.522+/-0.136 χ^2/NDF : 282.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

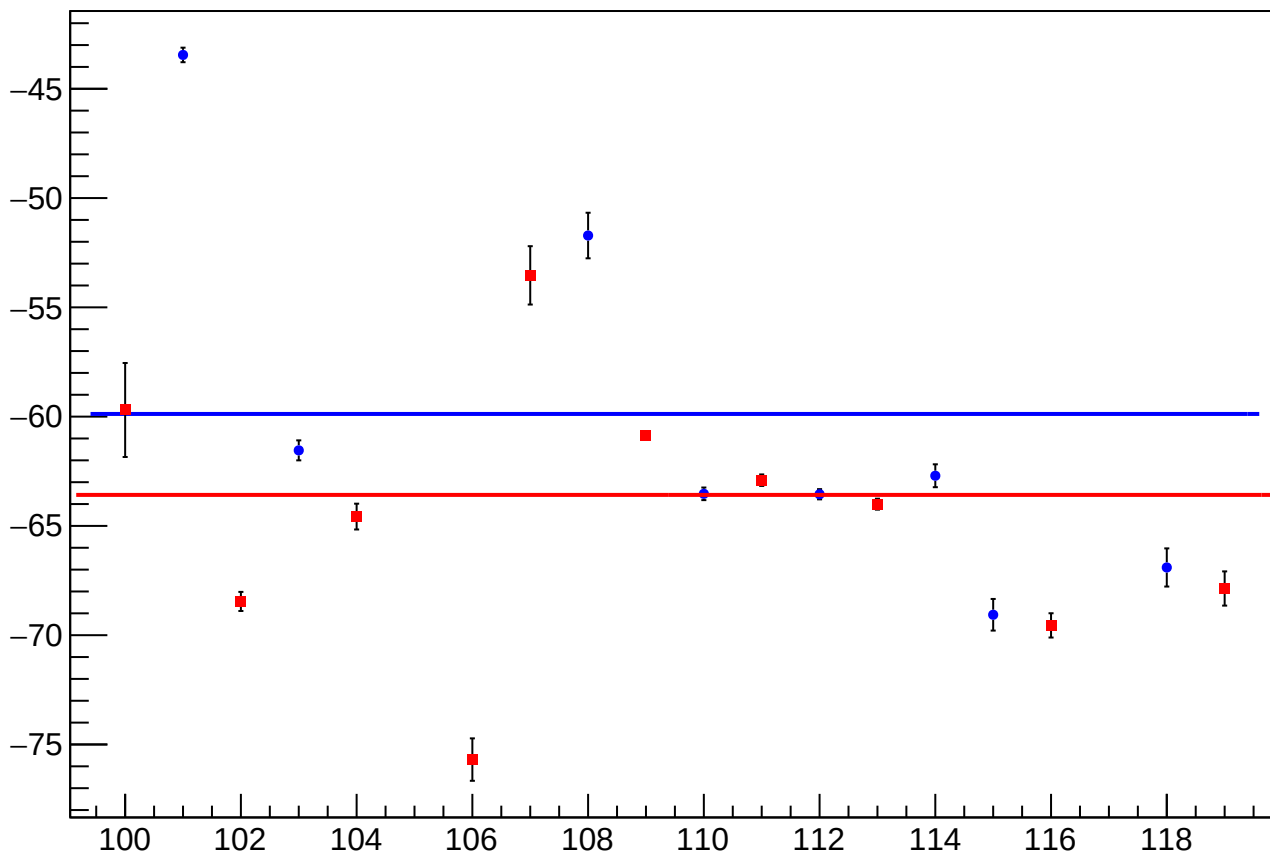
Right: 10.272+/-0.100 χ^2/NDF : 521.1/17

In: 9.978+/-0.147 χ^2/NDF : 231.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.272+/-0.100 χ^2/NDF : 521.1/17

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -59.878 ± 0.139 χ^2/NDF : 3176.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.581 ± 0.123 χ^2/NDF : 656.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

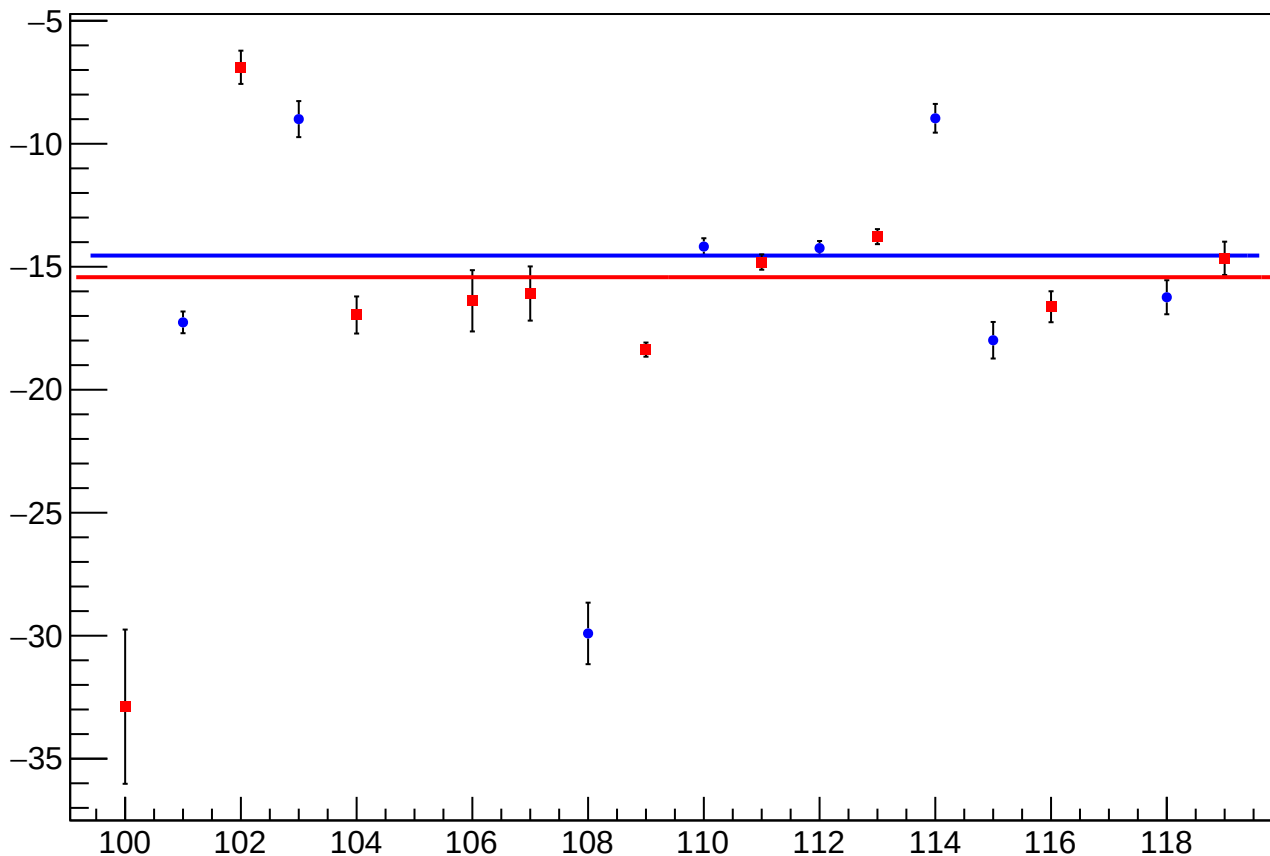
Right: -61.959 ± 0.092 χ^2/NDF : 4233.0/17

In: -59.878 ± 0.139 χ^2/NDF : 3176.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.959 ± 0.092 χ^2/NDF : 4233.0/17

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -14.545+/-0.169 χ^2/NDF : 367.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.425+/-0.152 χ^2/NDF : 338.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

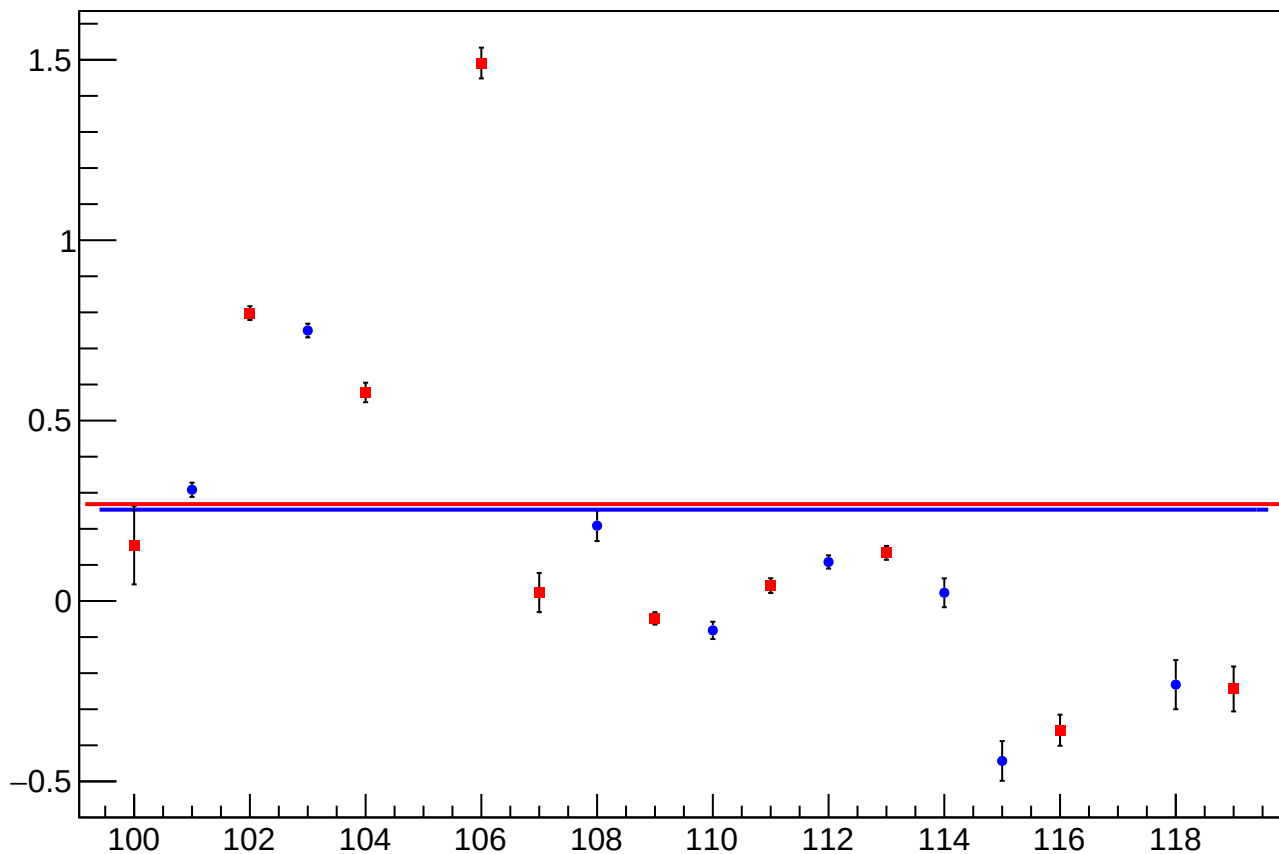
Right: -15.031+/-0.113 χ^2/NDF : 720.8/17

In: -14.545+/-0.169 χ^2/NDF : 367.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.031+/-0.113 χ^2/NDF : 720.8/17

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.253+/-0.009 χ^2/NDF : 1193.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.269+/-0.008 χ^2/NDF : 2524.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

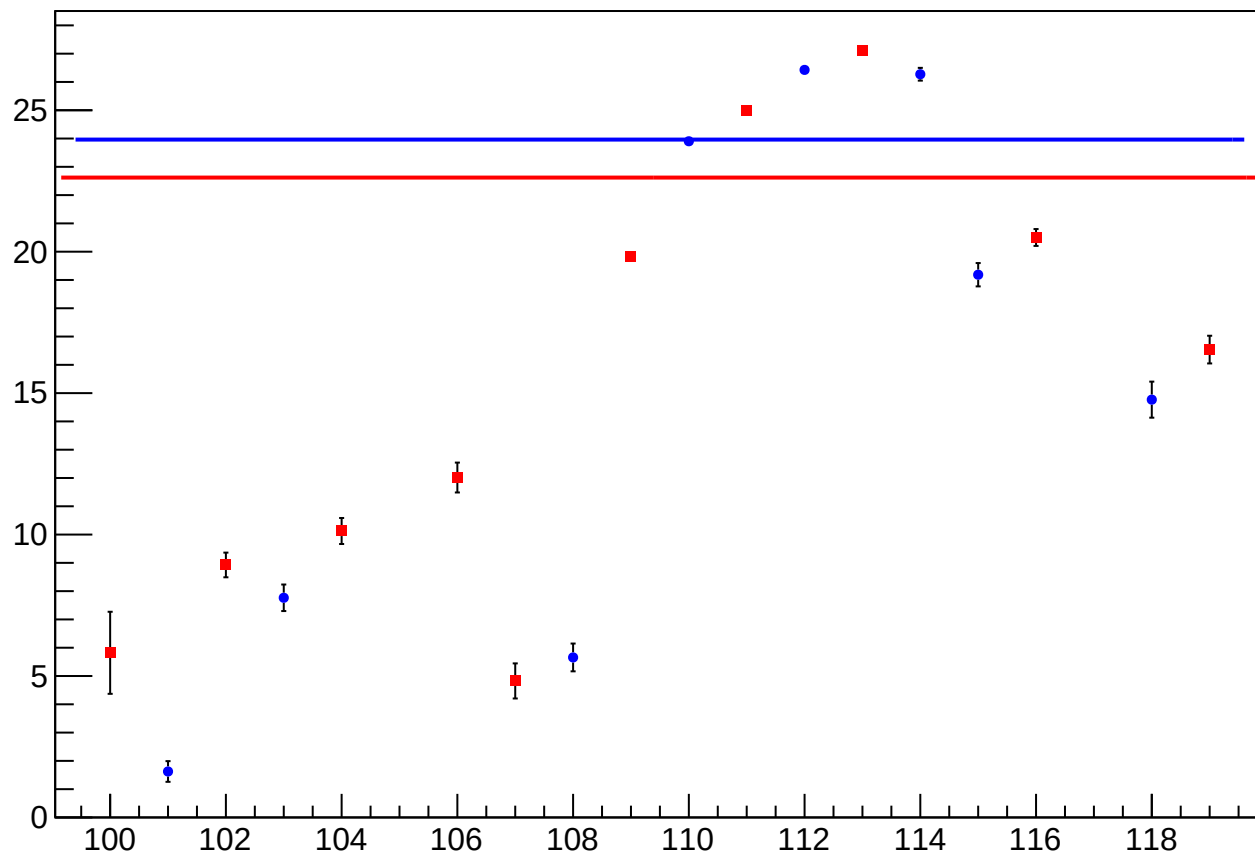
Right: 0.262+/-0.006 χ^2/NDF : 3719.2/17

In: 0.253+/-0.009 χ^2/NDF : 1193.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.262+/-0.006 χ^2/NDF : 3719.2/17

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 23.963 $\pm$ 0.061 χ^2 /NDF: 7566.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.620 $\pm$ 0.048 χ^2 /NDF: 7358.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

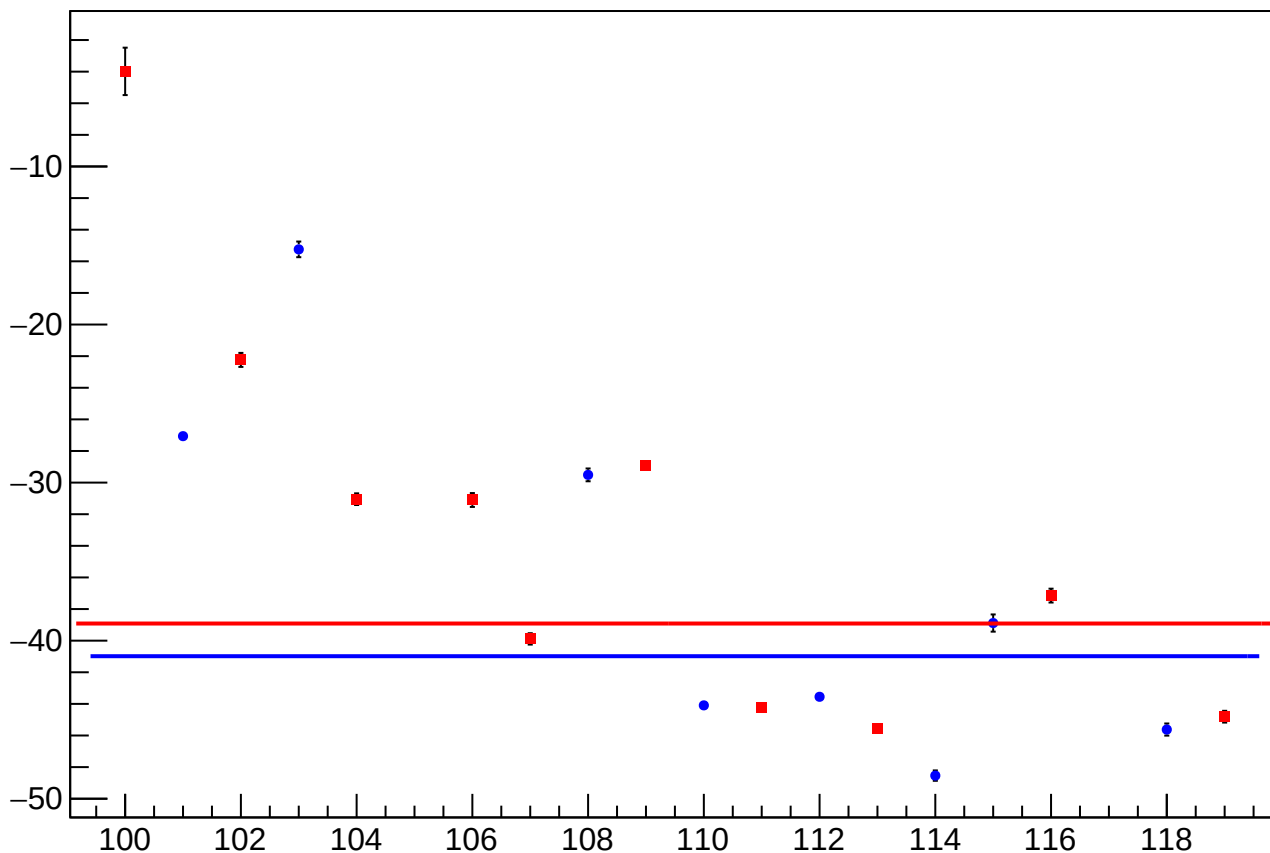
Right: 23.134 $\pm$ 0.038 χ^2 /NDF: 15220.2/17

In: 23.963 $\pm$ 0.061 χ^2 /NDF: 7566.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.134 $\pm$ 0.038 χ^2 /NDF: 15220.2/17

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.983 ± 0.089 χ^2/NDF : 7062.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.916 ± 0.079 χ^2/NDF : 9673.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

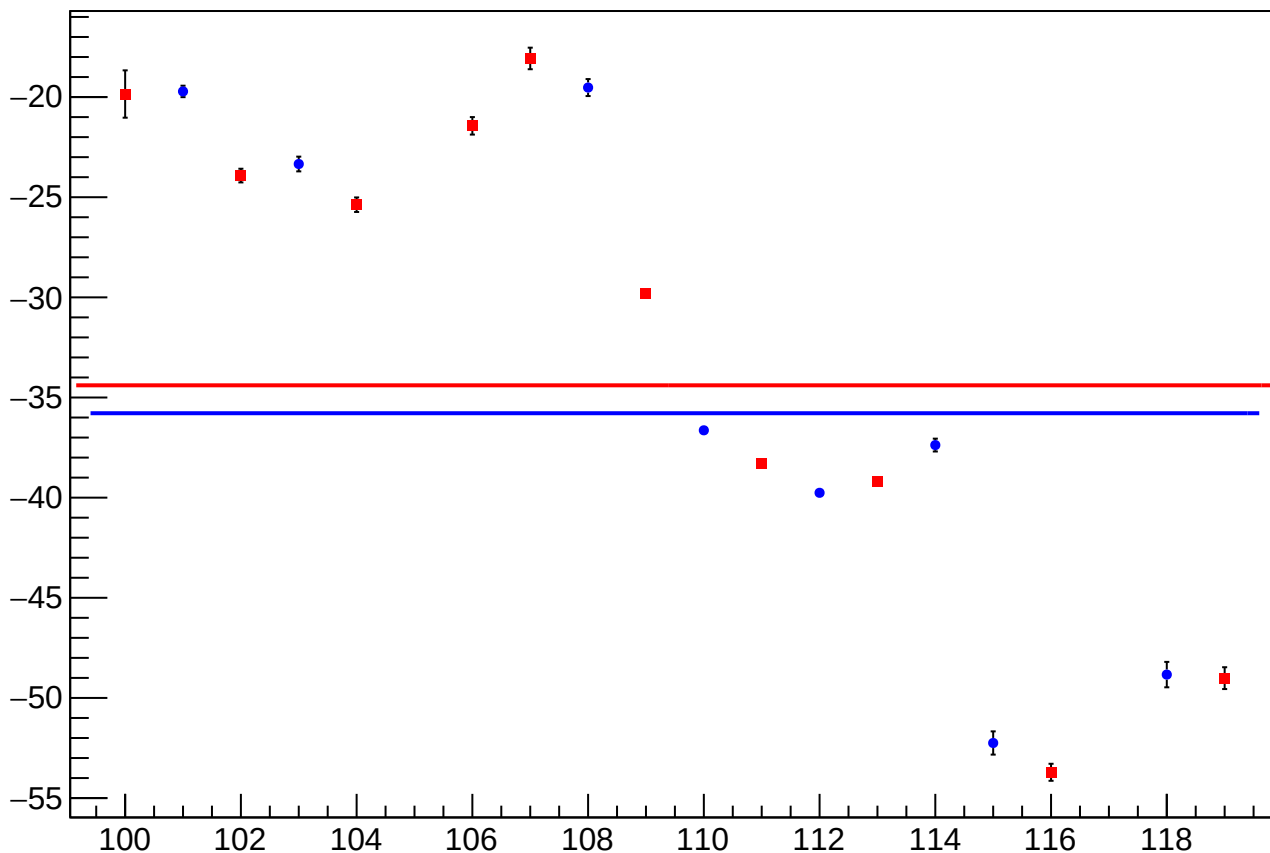
Right: -39.820 ± 0.059 χ^2/NDF : 17038.7/17

In: -40.983 ± 0.089 χ^2/NDF : 7062.7/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.820 ± 0.059 χ^2/NDF : 17038.7/17

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.785 $\pm$ 0.083 χ^2 /NDF: 8028.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.392 $\pm$ 0.069 χ^2 /NDF: 9794.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

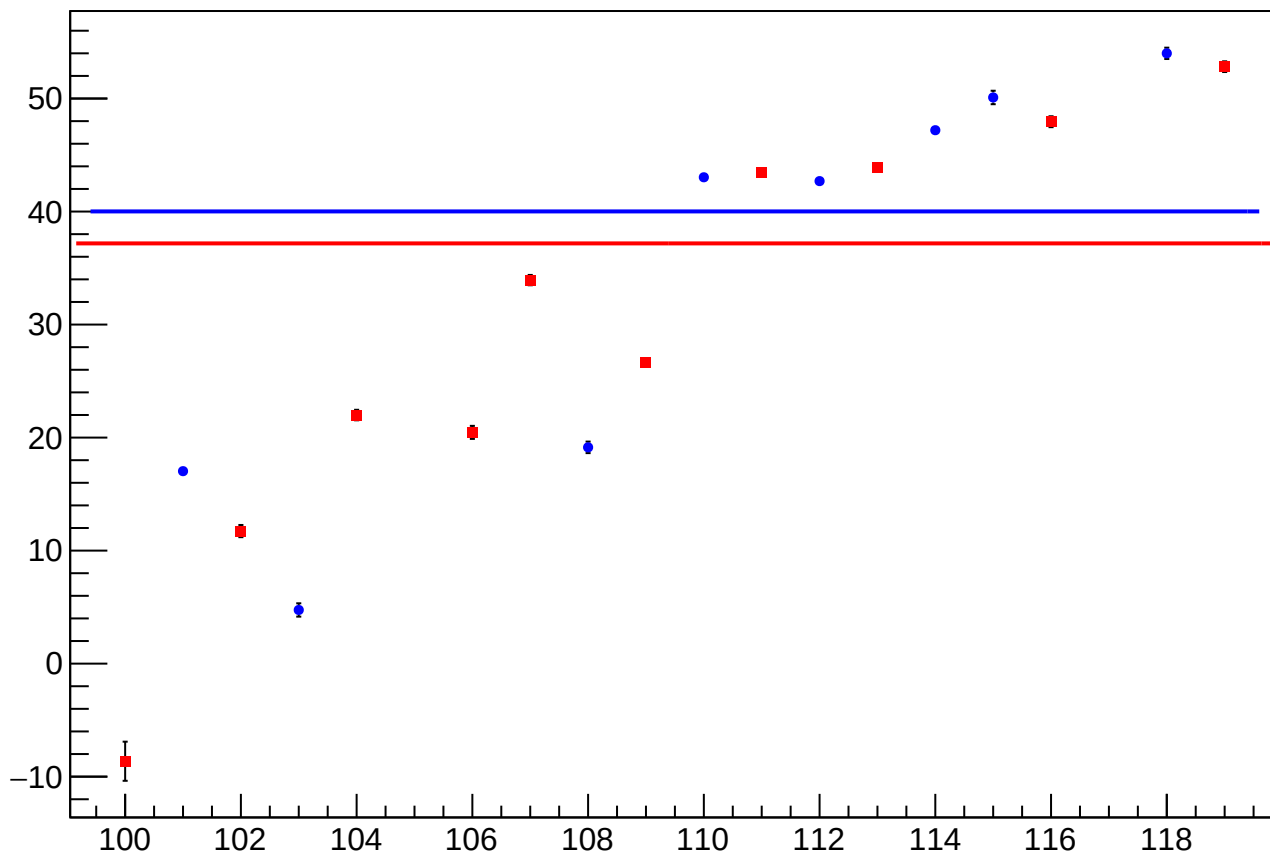
Right: -34.959 $\pm$ 0.053 χ^2 /NDF: 17989.5/17

In: -35.785 $\pm$ 0.083 χ^2 /NDF: 8028.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.959 $\pm$ 0.053 χ^2 /NDF: 17989.5/17

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 40.012 $\pm$ 0.100 χ^2 /NDF: 10969.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.182 $\pm$ 0.087 χ^2 /NDF: 13323.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

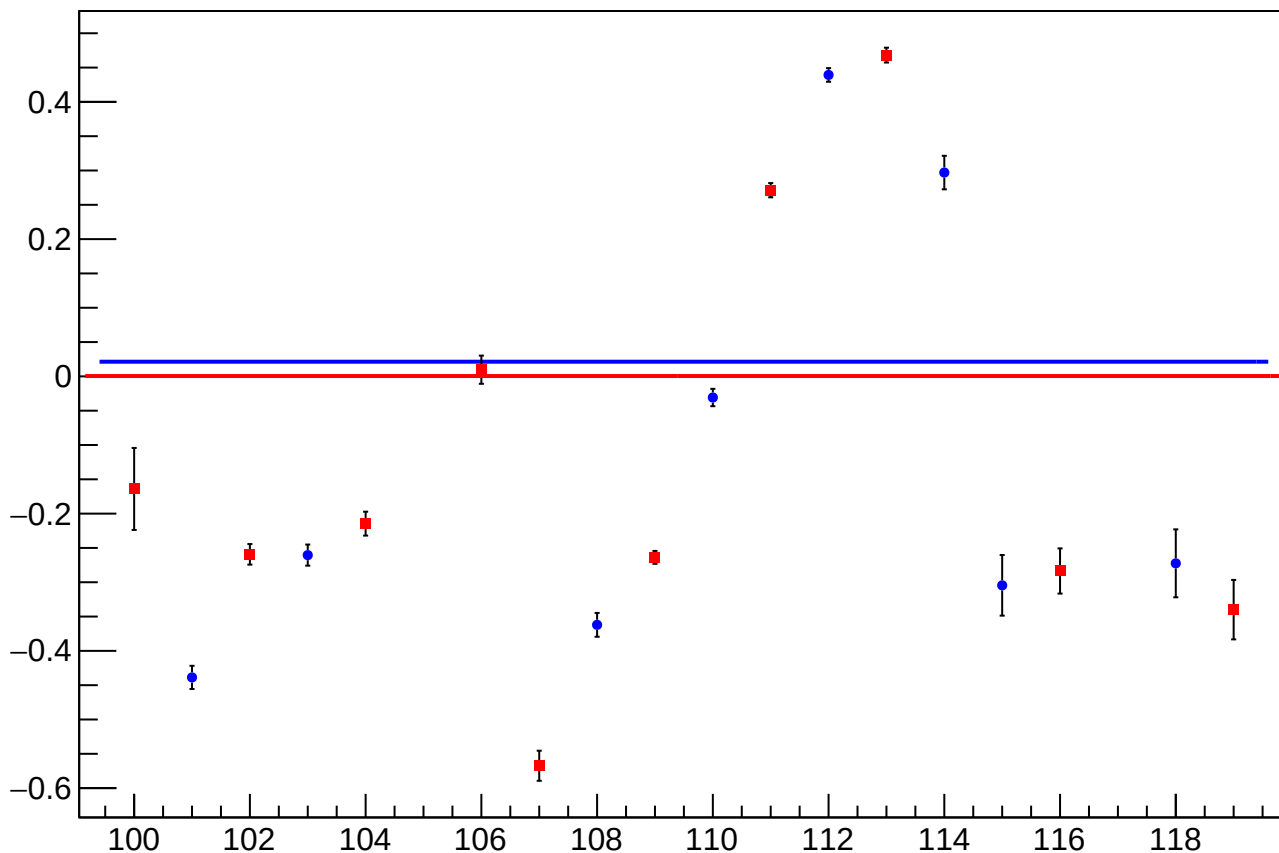
Right: 38.396 $\pm$ 0.066 χ^2 /NDF: 24747.8/17

In: 40.012 $\pm$ 0.100 χ^2 /NDF:10969.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.396 $\pm$ 0.066 χ^2 /NDF: 24747.8/17

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.021+/-0.006 χ^2/NDF : 3562.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.005 χ^2/NDF : 4607.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

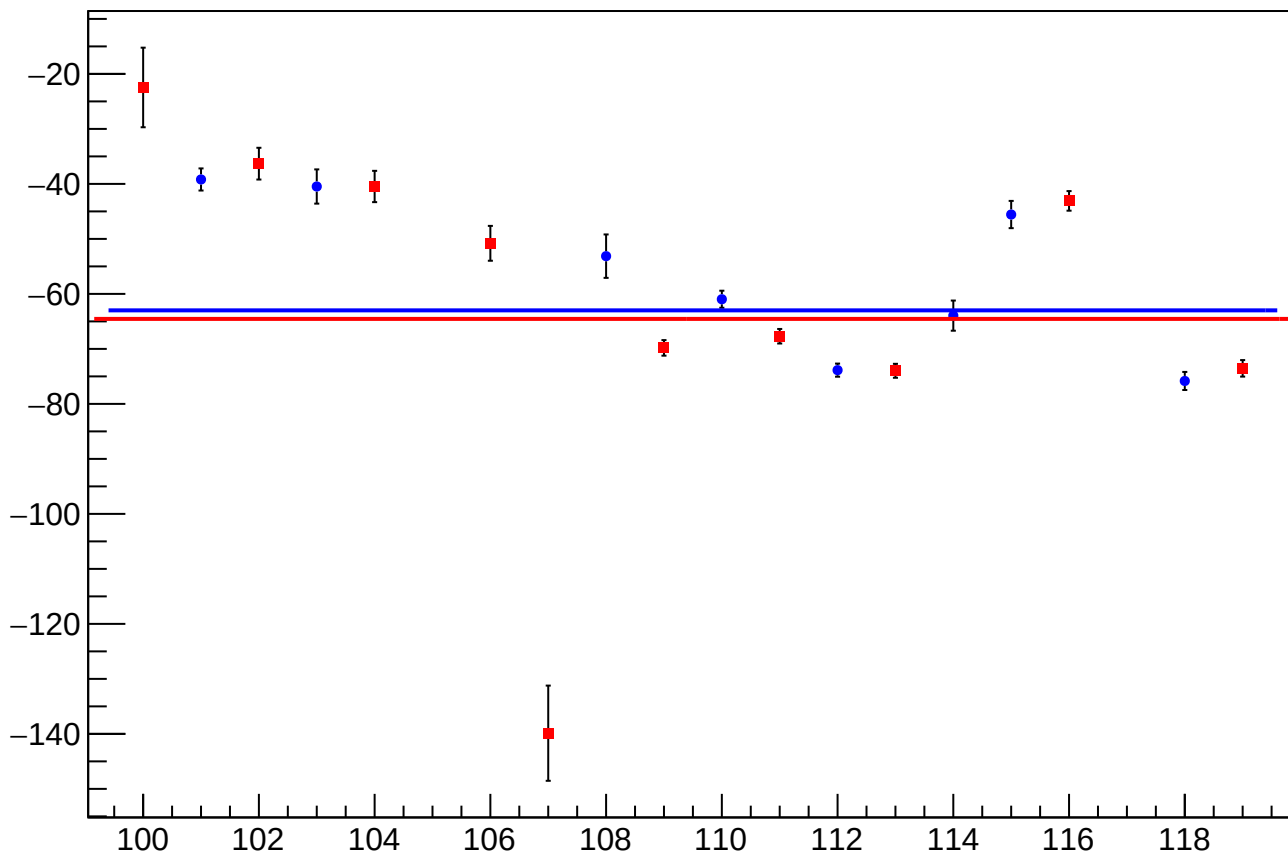
Right: 0.009+/-0.004 χ^2/NDF : 8177.5/17

In: 0.021+/-0.006 χ^2/NDF : 3562.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.004 χ^2/NDF : 8177.5/17

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -62.992 ± 0.674 χ^2/NDF : 394.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.548 ± 0.595 χ^2/NDF : 551.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

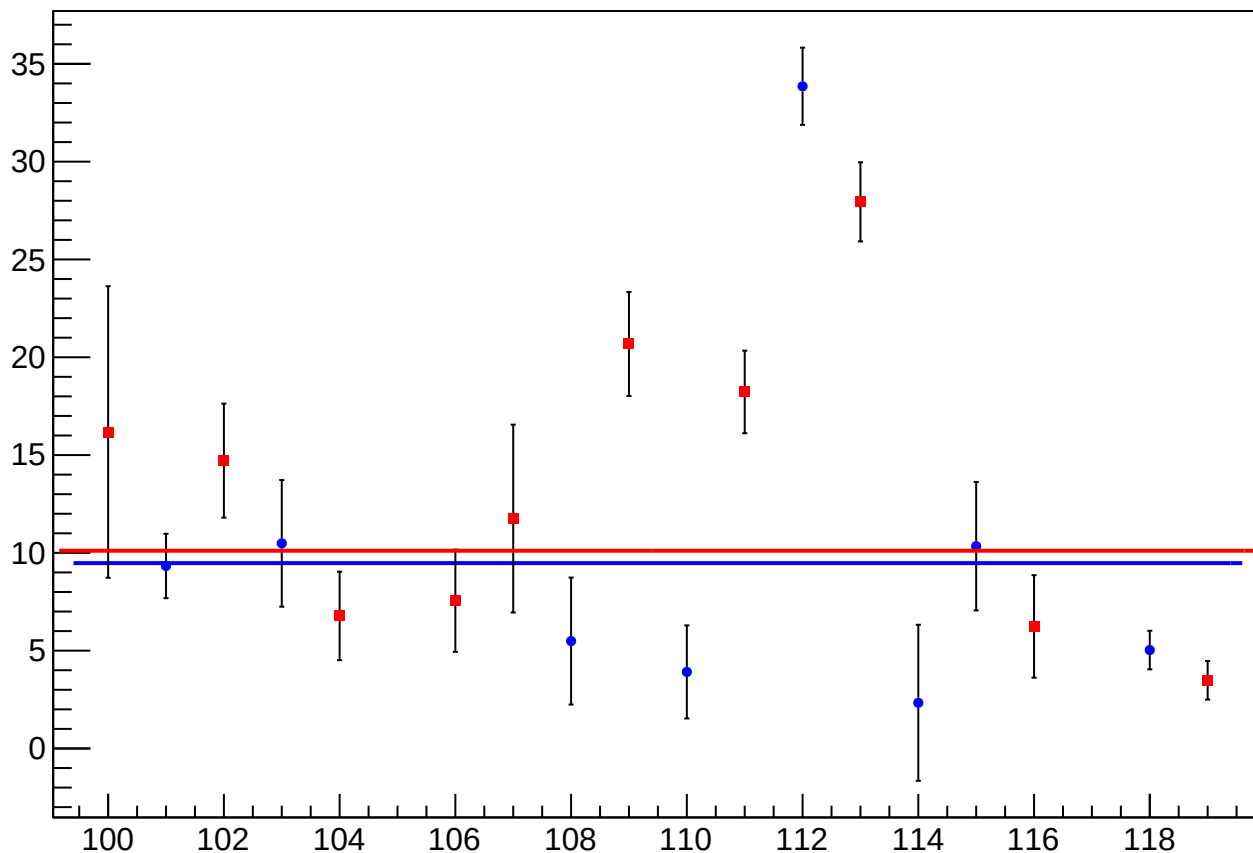
Right: -63.867 ± 0.446 χ^2/NDF : 948.5/17

In: -62.992 ± 0.674 χ^2/NDF : 394.2/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.867 ± 0.446 χ^2/NDF : 948.5/17

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.476+/-0.678 χ^2/NDF : 183.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.109+/-0.659 χ^2/NDF : 162.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

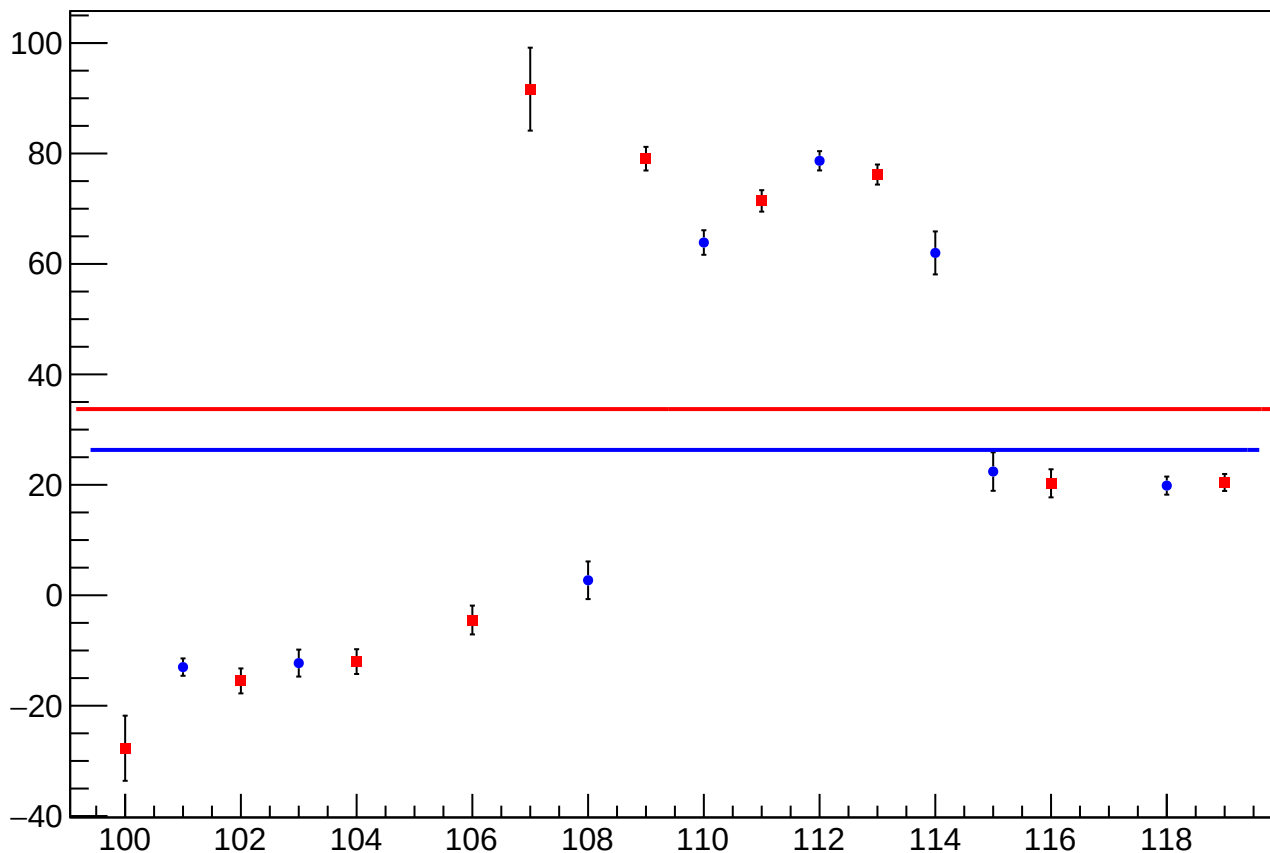
Right: 9.802+/-0.472 χ^2/NDF : 345.5/17

In: 9.476+/-0.678 χ^2/NDF : 183.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.802+/-0.472 χ^2/NDF : 345.5/17

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 26.323+/-0.765 χ^2 /NDF: 2208.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 33.716+/-0.716 χ^2 /NDF: 2746.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

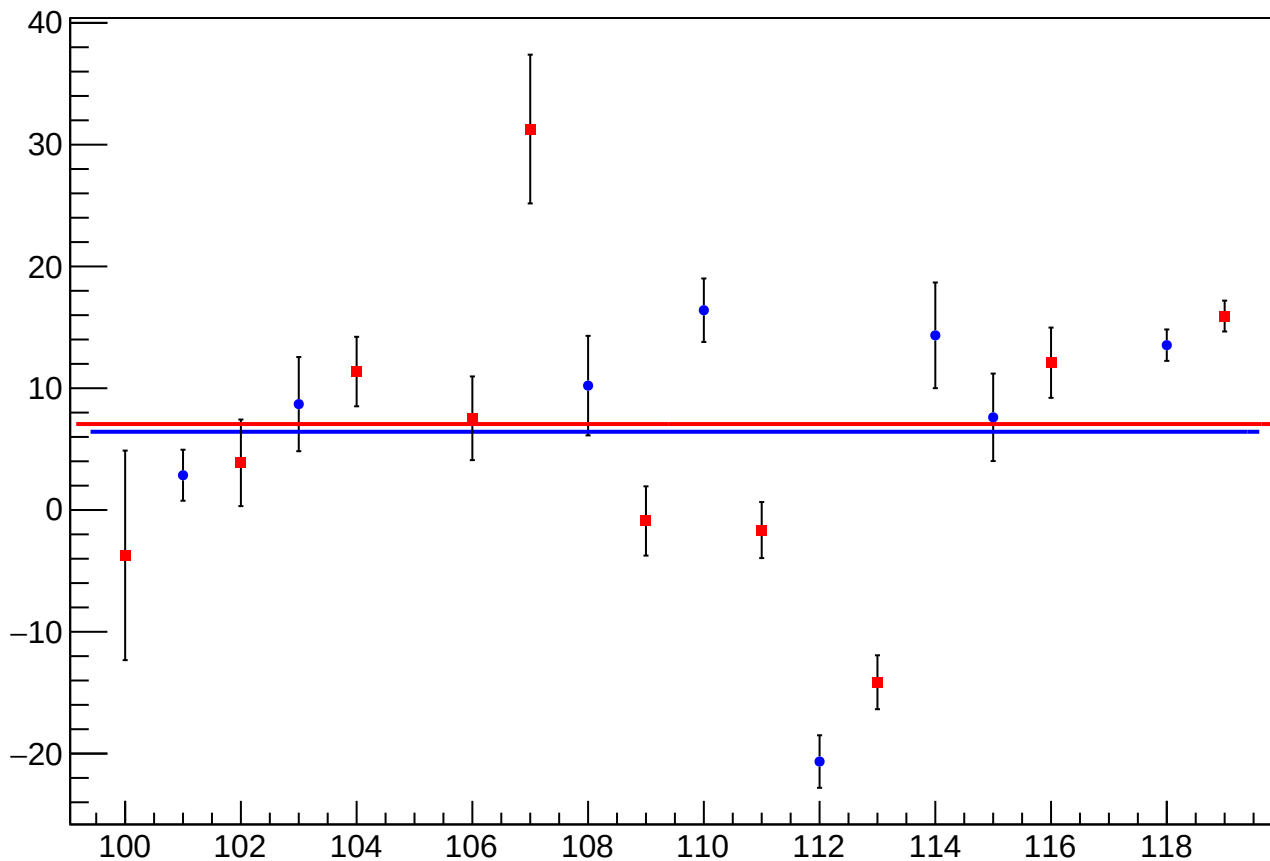
Right: 30.265+/-0.523 χ^2 /NDF: 5004.6/17

In: 26.323+/-0.765 χ^2 /NDF:2208.4/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 30.265+/-0.523 χ^2 /NDF: 5004.6/17

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.424+/-0.831 χ^2/NDF : 210.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.060+/-0.794 χ^2/NDF : 186.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

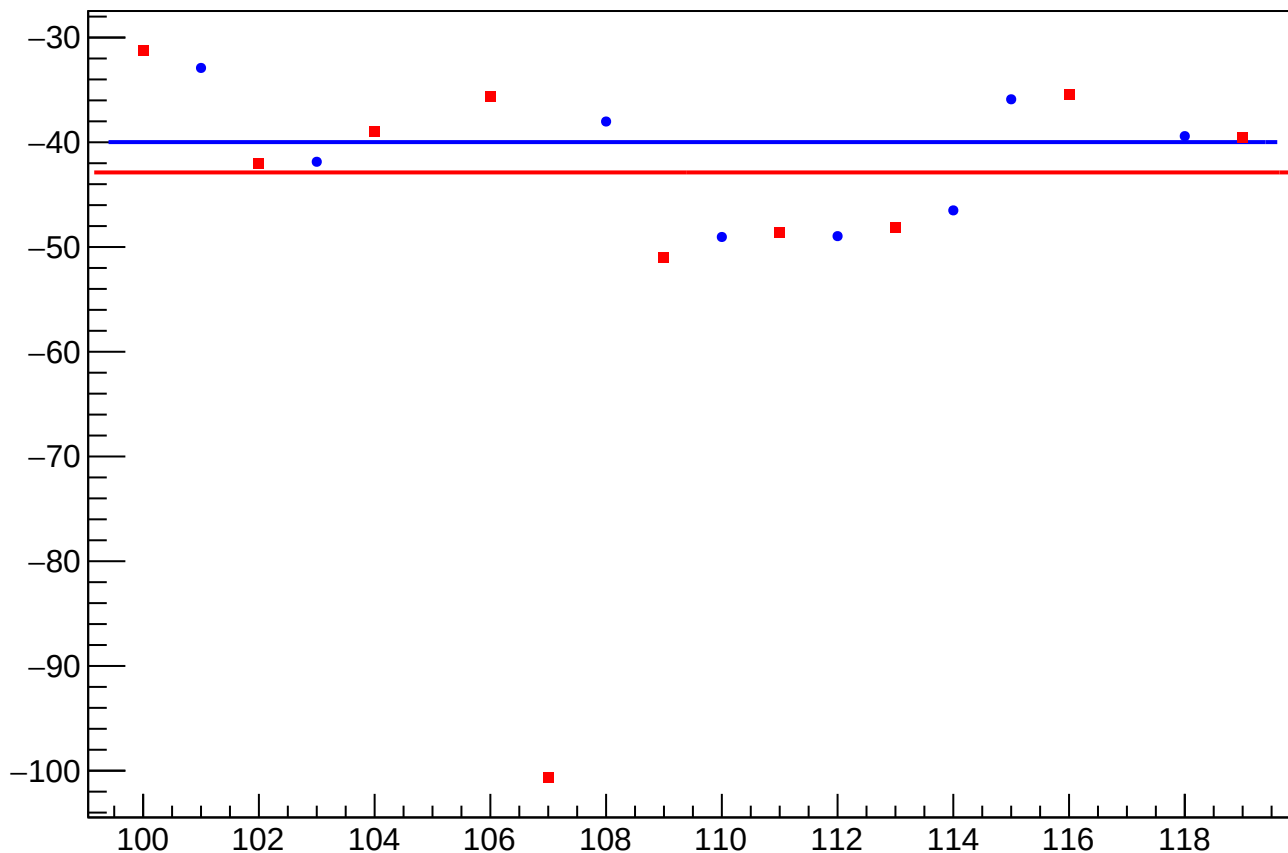
Right: 6.757+/-0.574 χ^2/NDF : 396.9/17

In: 6.424+/-0.831 χ^2/NDF : 210.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.757+/-0.574 χ^2/NDF : 396.9/17

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.983 ± 0.048 $\chi^2/\text{NDF}: 13714.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.878 ± 0.044 $\chi^2/\text{NDF}: 49992.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

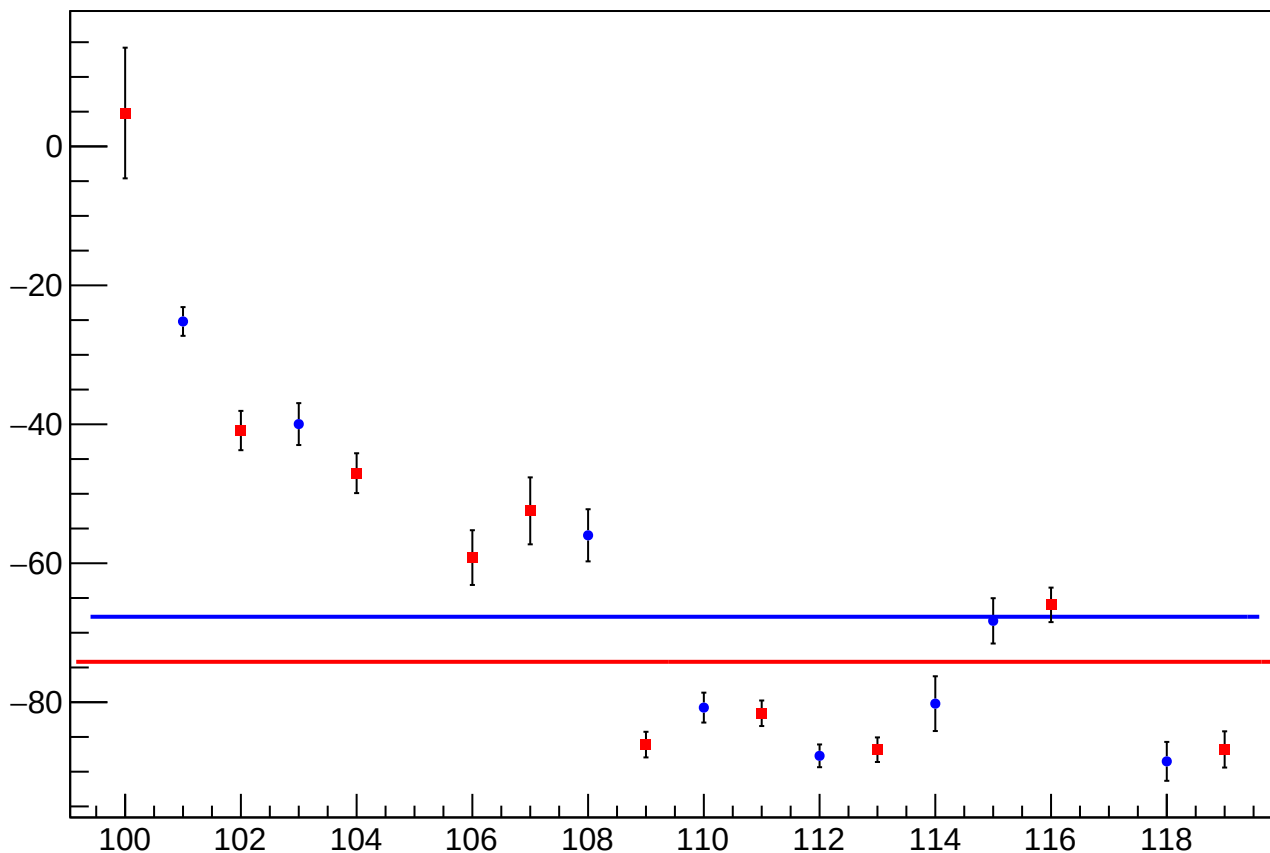
Right: -41.546 ± 0.033 $\chi^2/\text{NDF}: 65657.0/17$

In: -39.983 ± 0.048 $\chi^2/\text{NDF}: 13714.8/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -41.546 ± 0.033 $\chi^2/\text{NDF}: 65657.0/17$

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -67.699 ± 0.881 χ^2/NDF : 768.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.185 ± 0.795 χ^2/NDF : 476.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

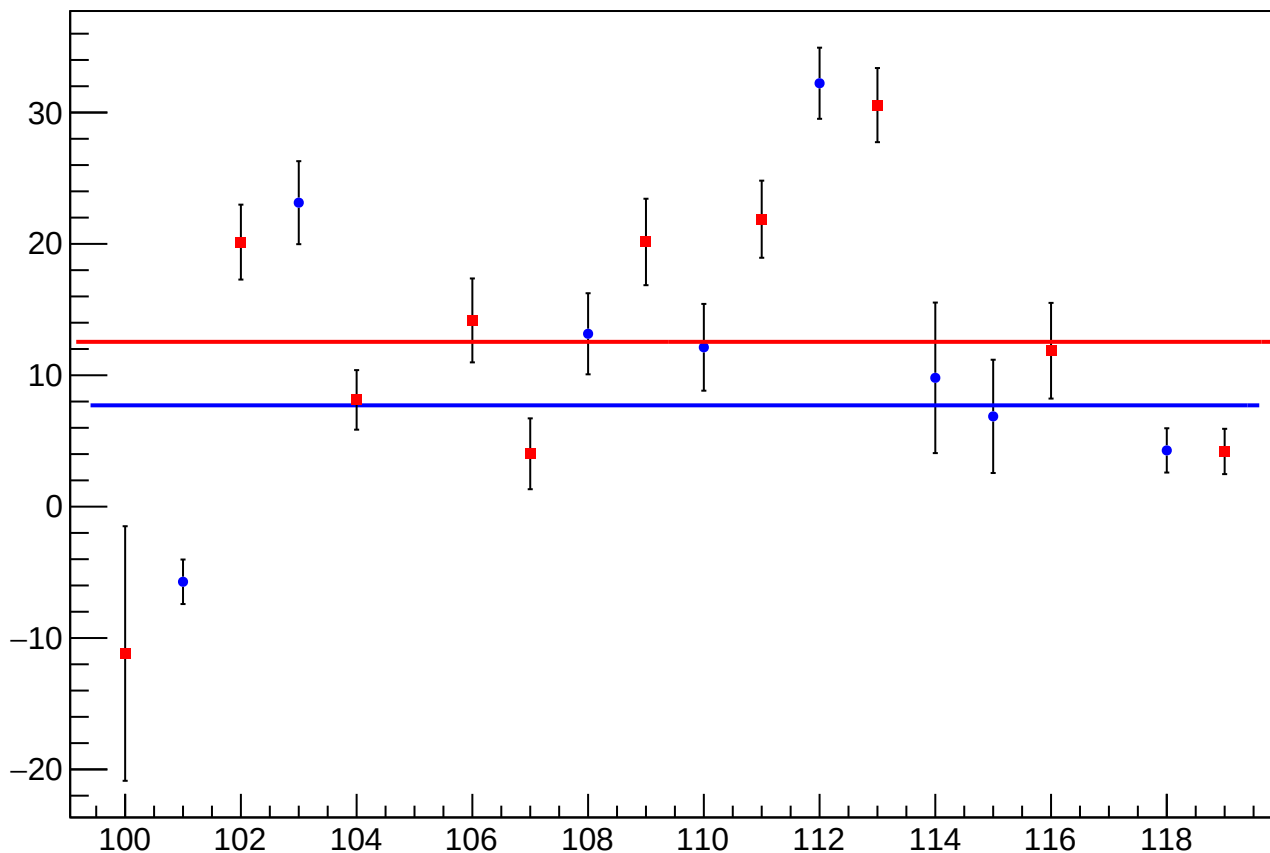
Right: -71.274 ± 0.590 χ^2/NDF : 1274.9/17

In: -67.699 ± 0.881 χ^2/NDF : 768.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.274 ± 0.590 χ^2/NDF : 1274.9/17

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.711+/-0.906 χ^2/NDF : 177.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.544+/-0.874 χ^2/NDF : 106.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

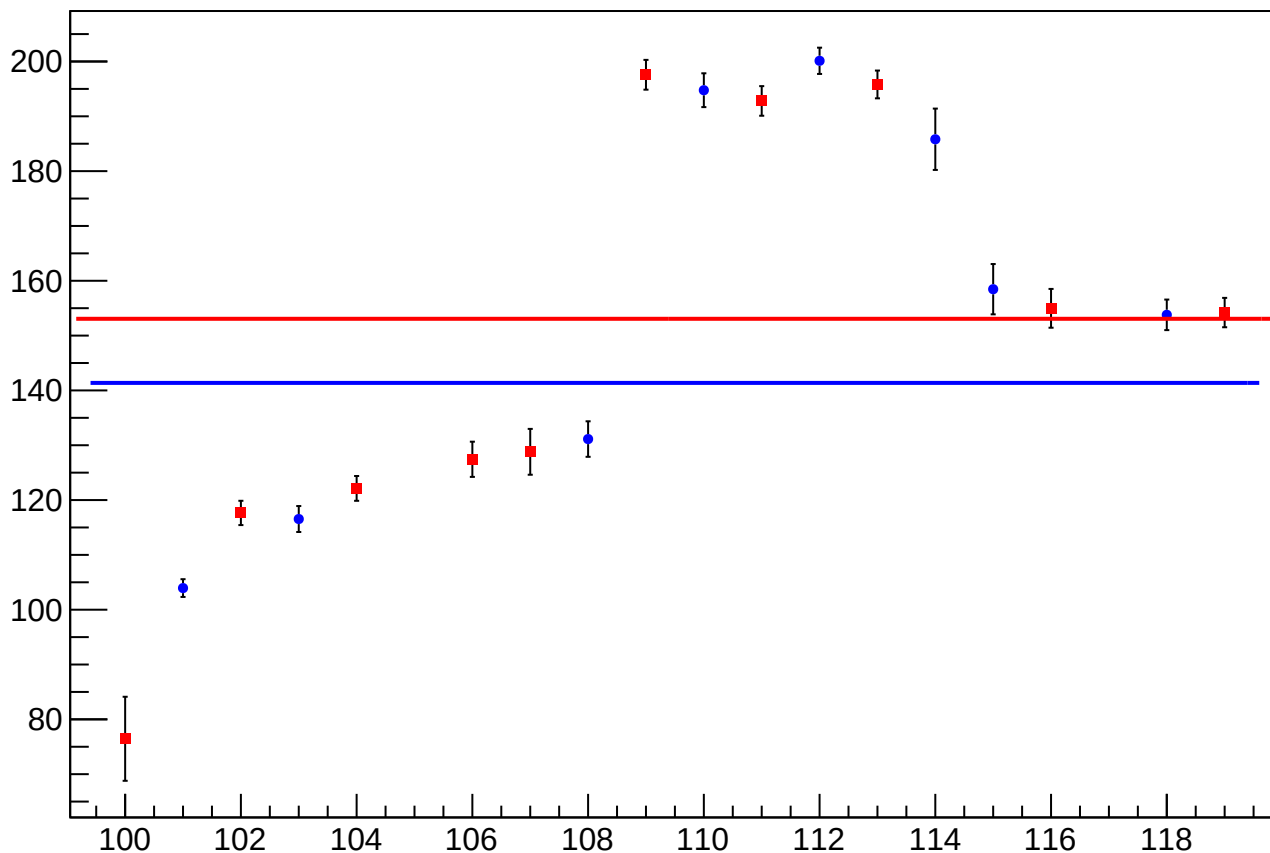
Right: 10.216+/-0.629 χ^2/NDF : 299.4/17

In: 7.711+/-0.906 χ^2/NDF : 177.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.216+/-0.629 χ^2/NDF : 299.4/17

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 141.372+/-0.936 χ^2/NDF : 1651.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.065+/-0.906 χ^2/NDF : 1409.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

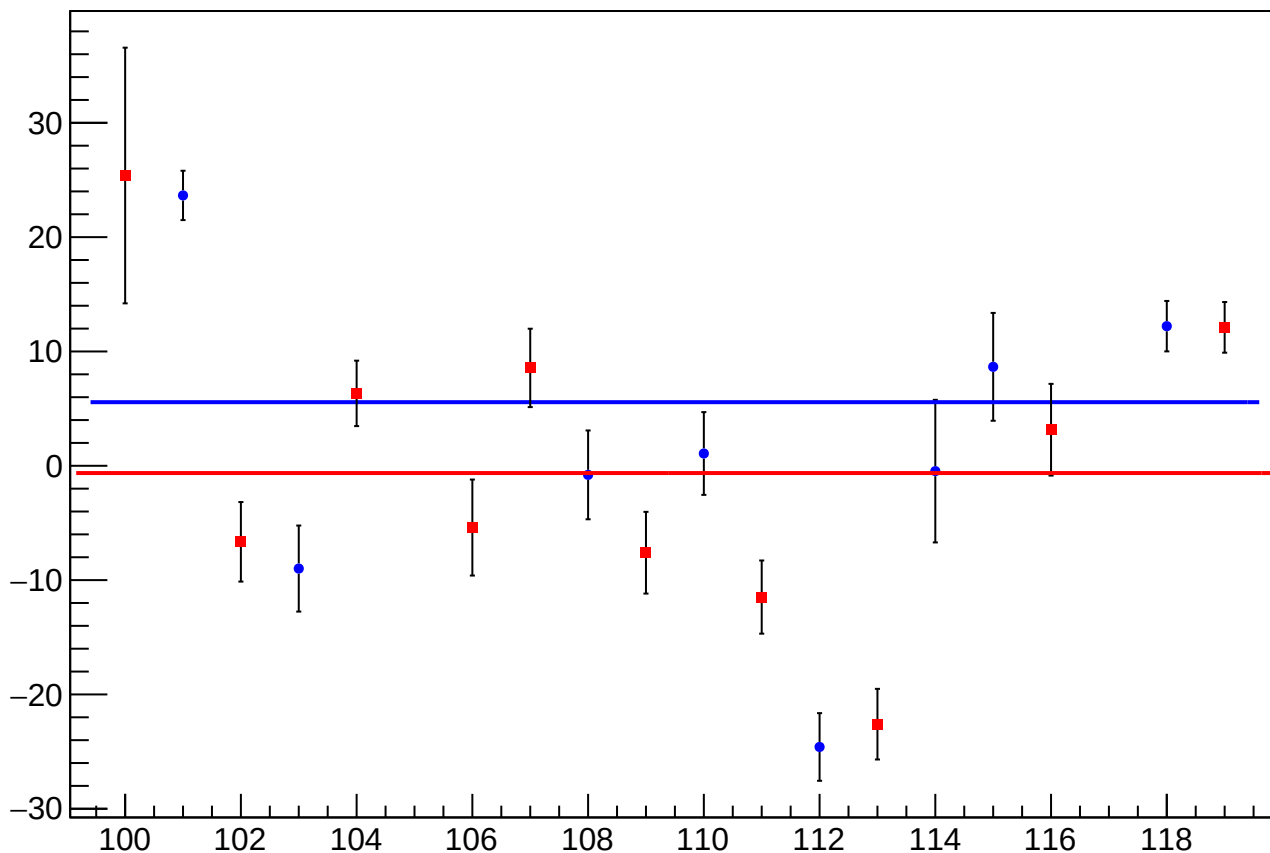
Right: 147.406+/-0.651 χ^2/NDF : 3141.9/17

In: 141.372+/-0.936 χ^2/NDF : 1651.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.406+/-0.651 χ^2/NDF : 3141.9/17

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.564 $\pm$ 1.105 χ^2 /NDF: 203.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.635 $\pm$ 1.053 χ^2 /NDF: 122.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

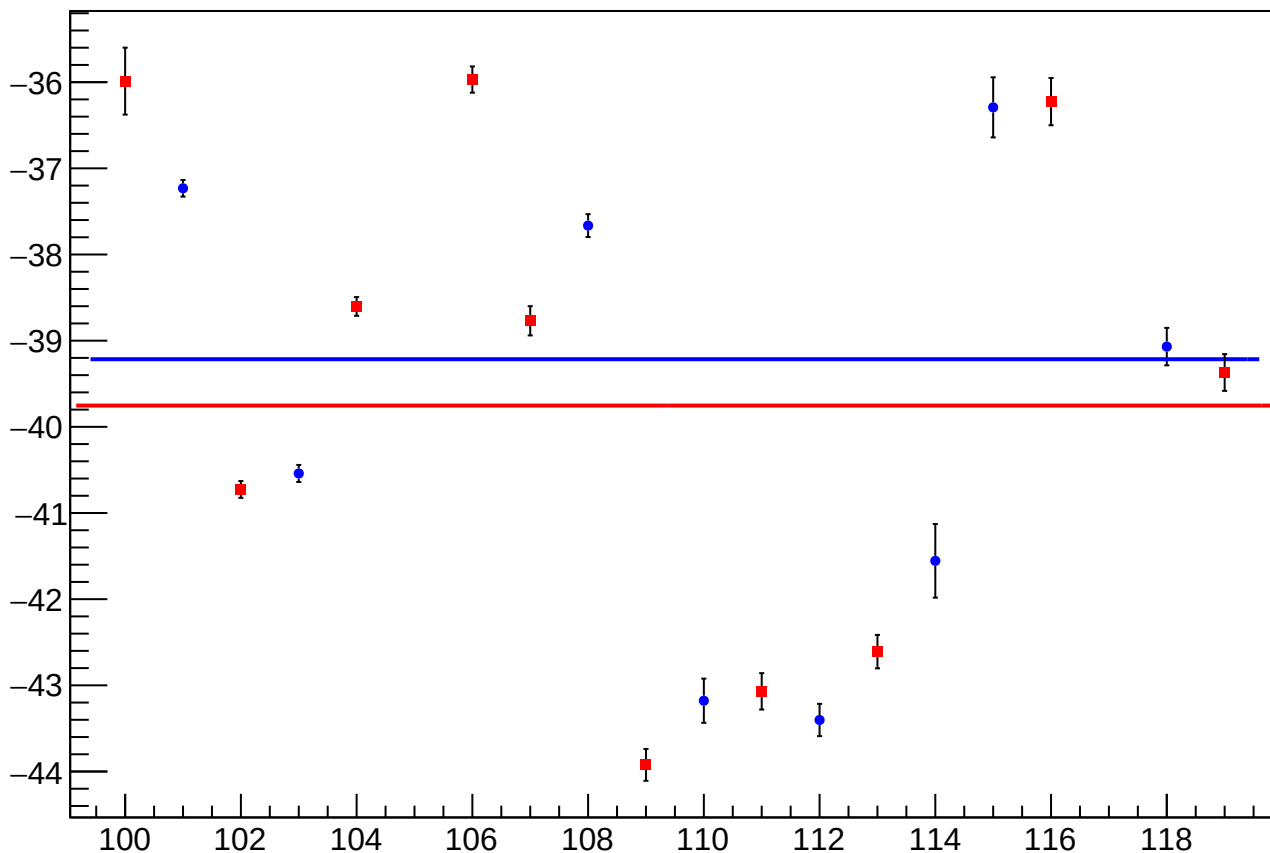
Right: 2.316 $\pm$ 0.763 χ^2 /NDF: 342.9/17

In: 5.564 $\pm$ 1.105 χ^2 /NDF:203.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.316 $\pm$ 0.763 χ^2 /NDF: 342.9/17

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -39.215+/-0.054 χ^2/NDF : 1576.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.753+/-0.051 χ^2/NDF : 2098.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

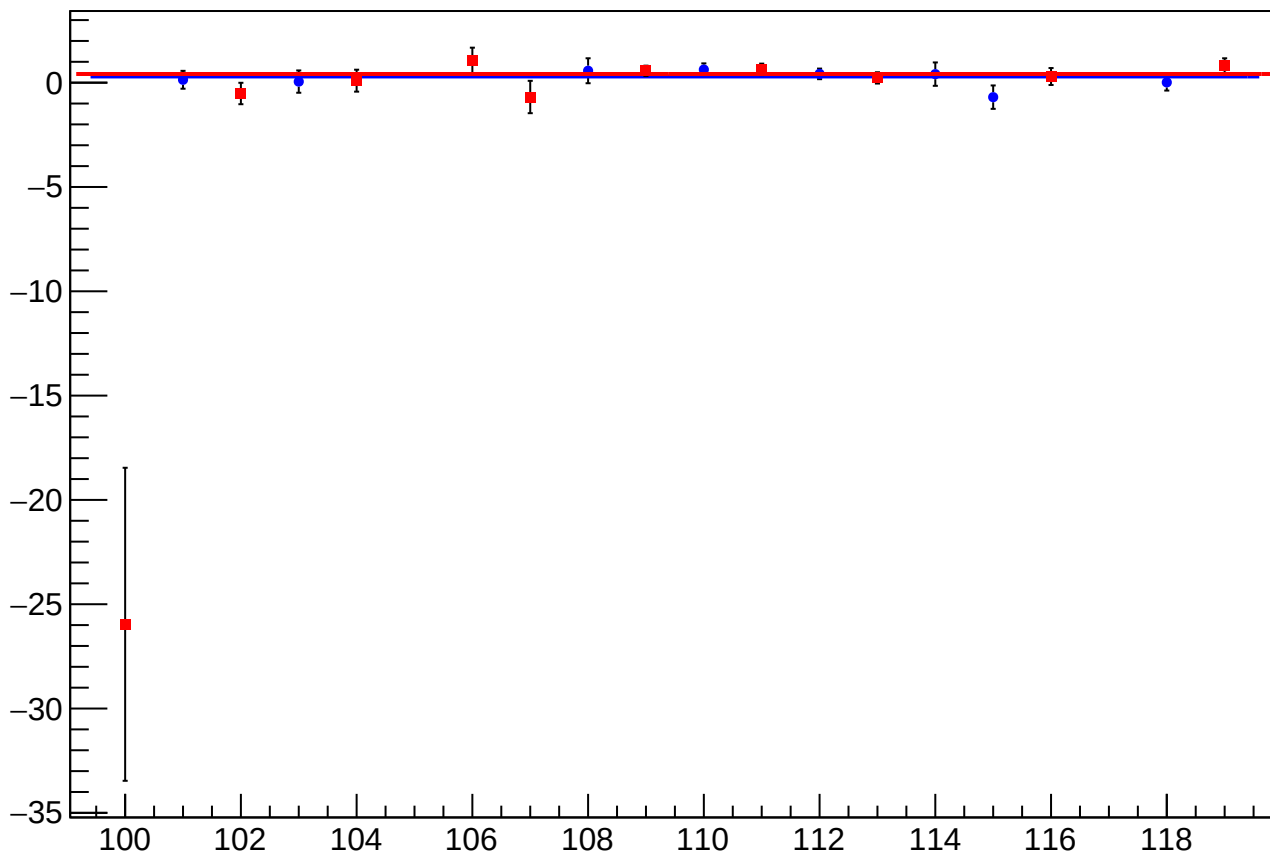
Right: -39.500+/-0.037 χ^2/NDF : 3728.1/17

In: -39.215+/-0.054 χ^2/NDF : 1576.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.500+/-0.037 χ^2/NDF : 3728.1/17

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.298+/-0.139 χ^2/NDF : 5.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.416+/-0.120 χ^2/NDF : 22.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

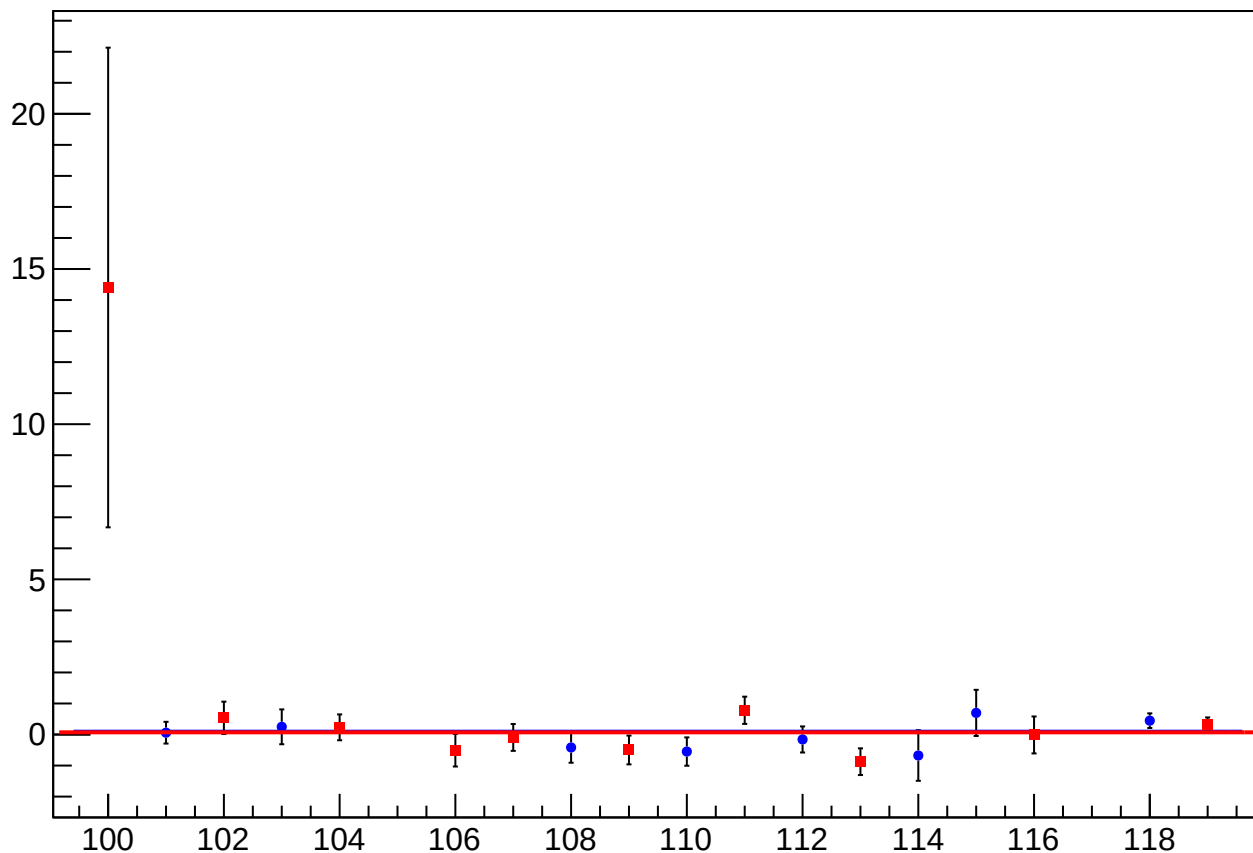
Right: 0.366+/-0.091 χ^2/NDF : 28.1/17

In: 0.298+/-0.139 χ^2/NDF : 5.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.366+/-0.091 χ^2/NDF : 28.1/17

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.091+/-0.146 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.135 χ^2/NDF : 15.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

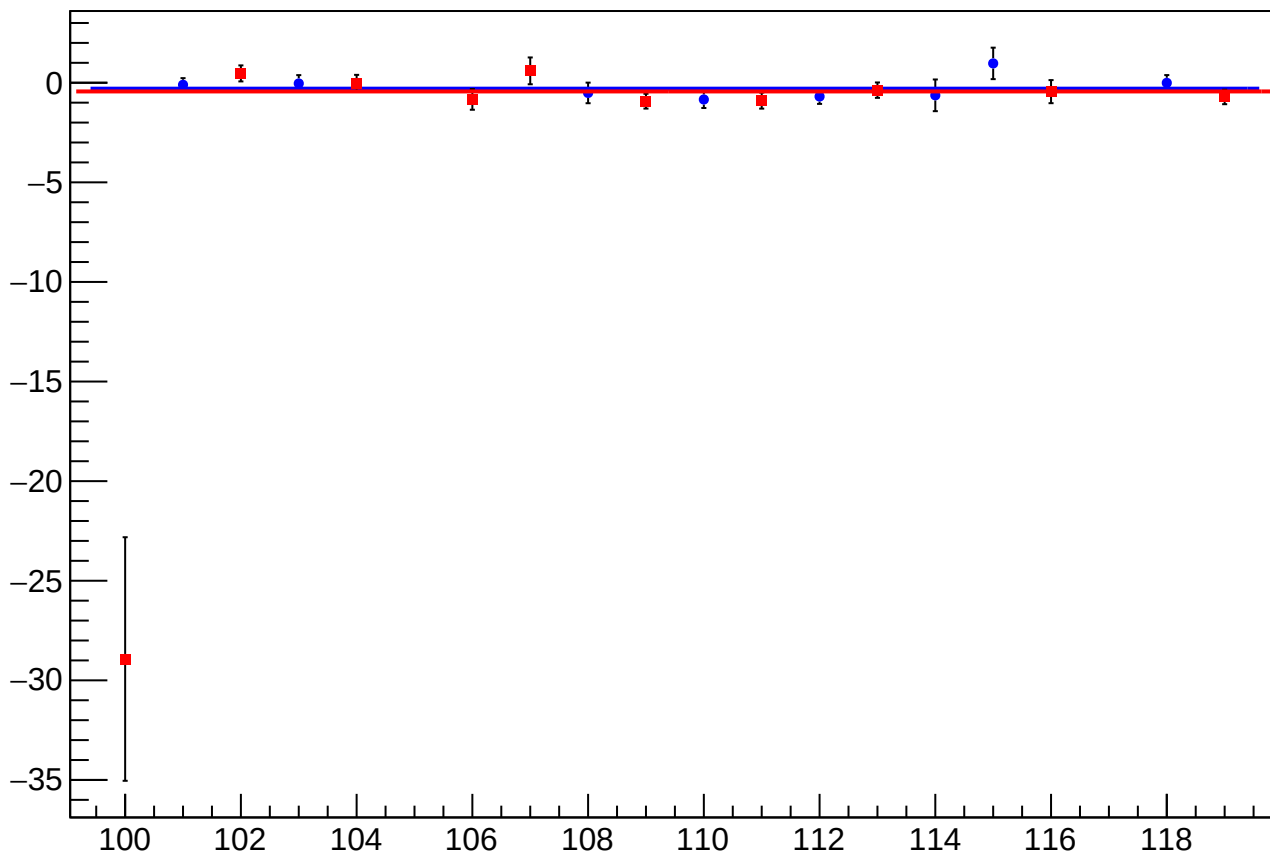
Right: 0.080+/-0.099 χ^2/NDF : 23.1/17

In: 0.091+/-0.146 χ^2/NDF : 7.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.099 χ^2/NDF : 23.1/17

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.298 ± 0.157 χ^2/NDF : 6.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.436 ± 0.143 χ^2/NDF : 34.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

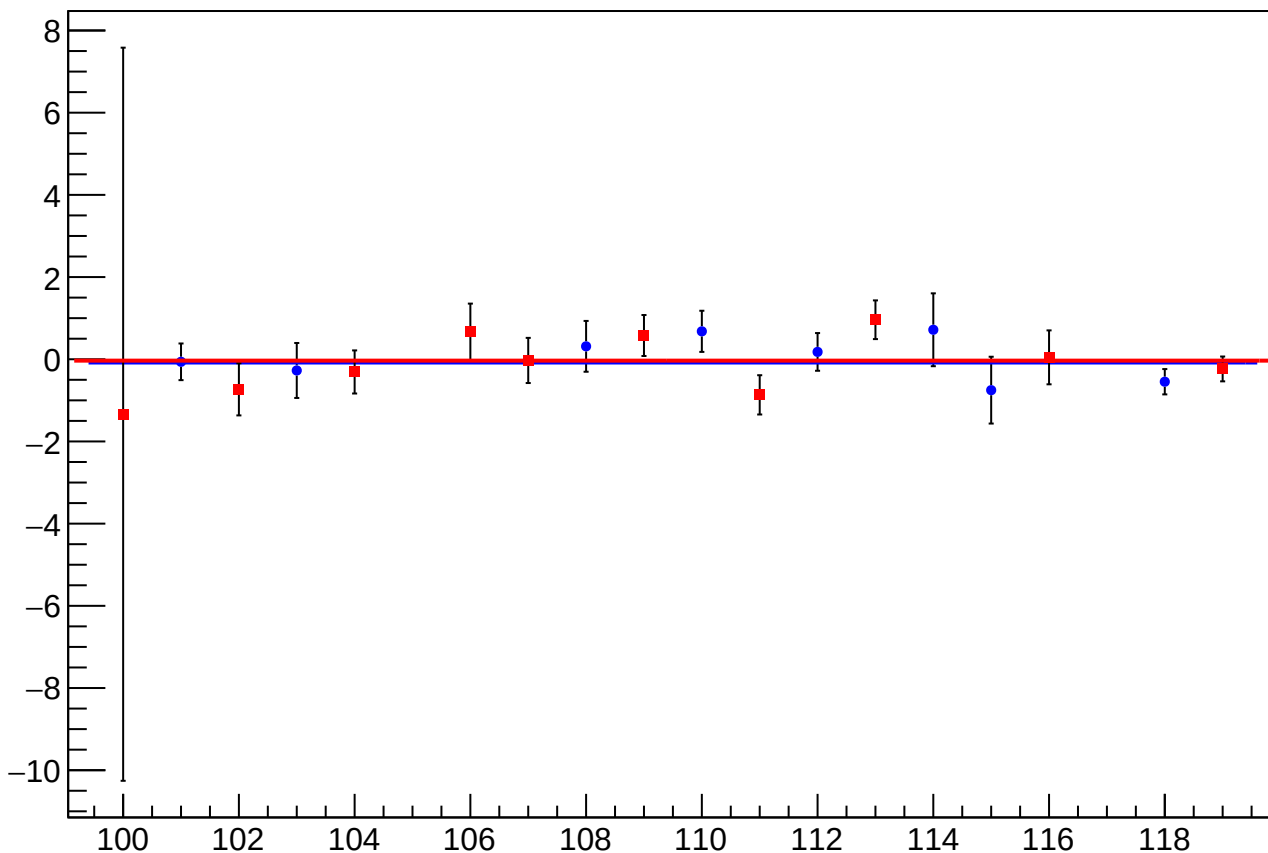
Right: -0.373 ± 0.106 χ^2/NDF : 41.8/17

In: -0.298 ± 0.157 χ^2/NDF : 6.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.373 ± 0.106 χ^2/NDF : 41.8/17

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.079+/-0.177 χ^2 /NDF: 6.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.034+/-0.163 χ^2 /NDF: 12.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

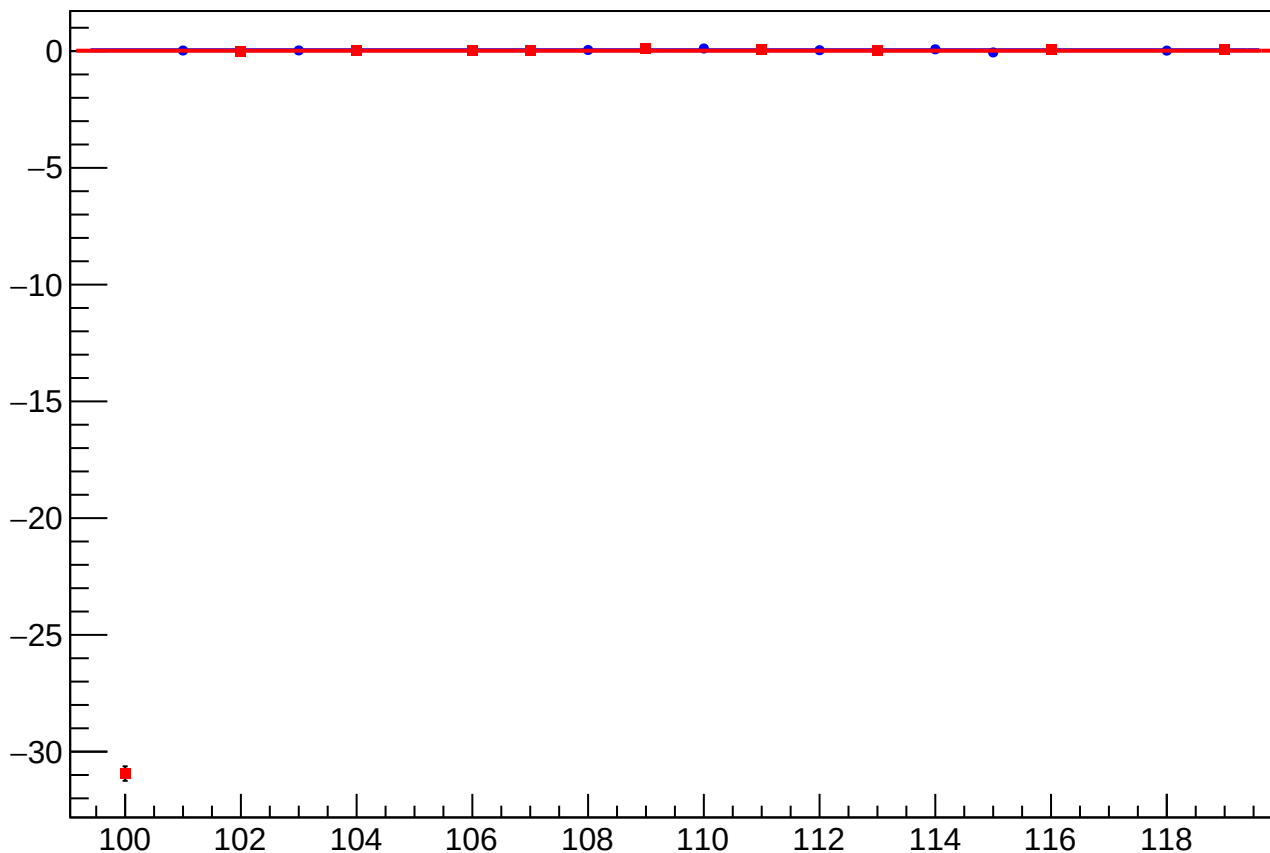
Right: -0.054+/-0.120 χ^2 /NDF: 18.9/17

In: -0.079+/-0.177 χ^2 /NDF:6.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.054+/-0.120 χ^2 /NDF: 18.9/17

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.037+/-0.009 χ^2/NDF : 8.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.008 χ^2/NDF : 10009.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

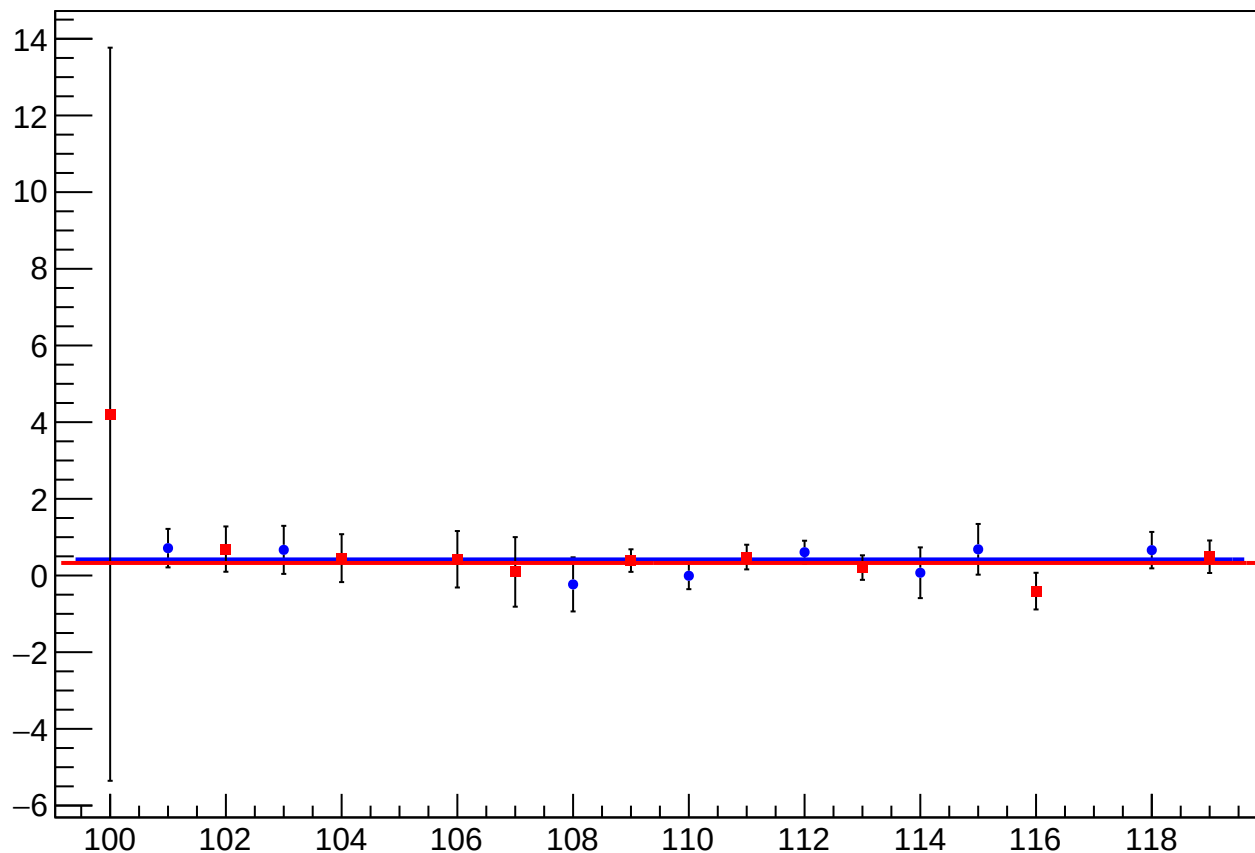
Right: 0.027+/-0.006 χ^2/NDF : 10019.8/17

In: 0.037+/-0.009 χ^2/NDF : 8.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.006 χ^2/NDF : 10019.8/17

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.420 $\pm$ 0.165 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.328 $\pm$ 0.142 χ^2 /NDF: 3.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

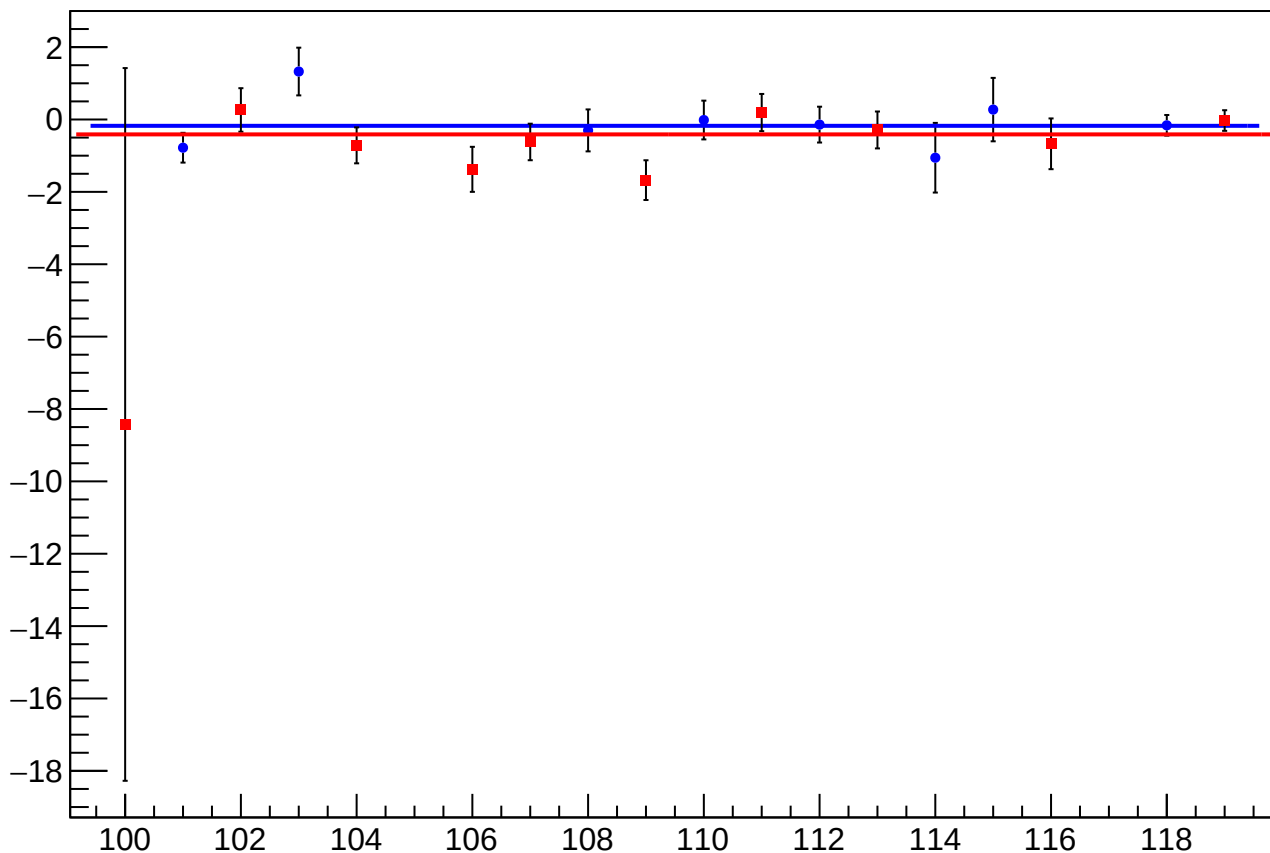
Right: 0.367 $\pm$ 0.108 χ^2 /NDF: 7.7/17

In: 0.420 $\pm$ 0.165 χ^2 /NDF: 3.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.367 $\pm$ 0.108 χ^2 /NDF: 7.7/17

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.175 ± 0.173 χ^2/NDF : 8.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.412 ± 0.161 χ^2/NDF : 13.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

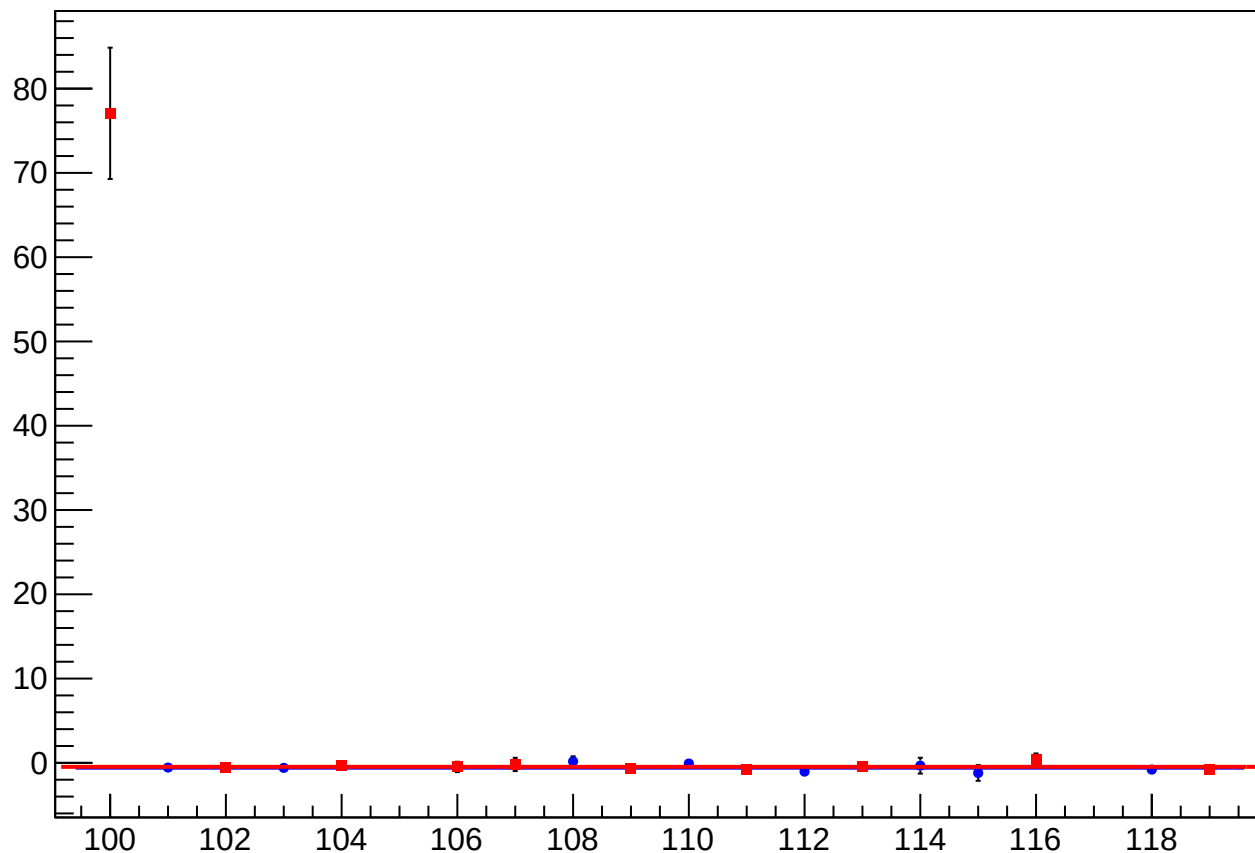
Right: -0.302 ± 0.118 χ^2/NDF : 23.2/17

In: -0.175 ± 0.173 χ^2/NDF : 8.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.302 ± 0.118 χ^2/NDF : 23.2/17

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.571 ± 0.185 χ^2/NDF : 4.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.473 ± 0.170 χ^2/NDF : 102.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

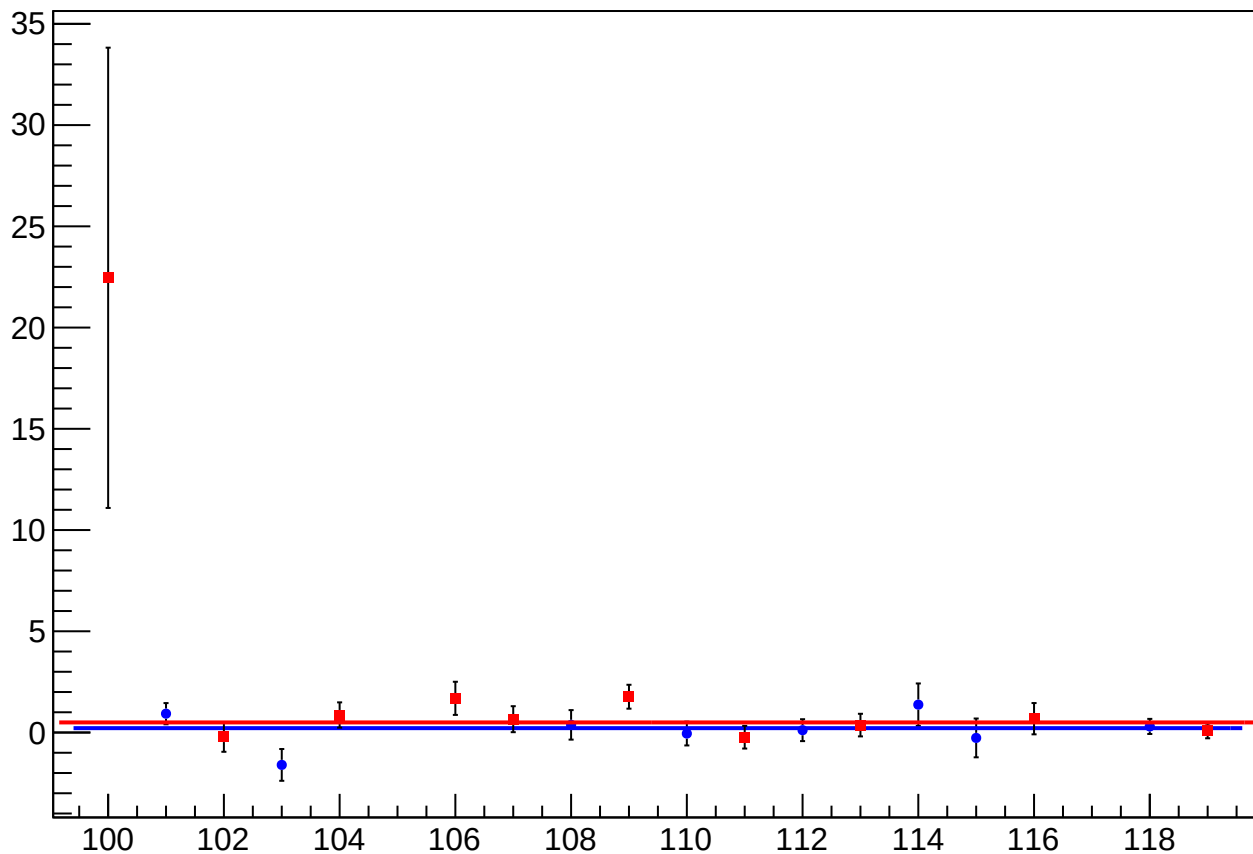
Right: -0.518 ± 0.125 χ^2/NDF : 106.6/17

In: -0.571 ± 0.185 χ^2/NDF : 4.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.518 ± 0.125 χ^2/NDF : 106.6/17

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.215 $\pm$ 0.210 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.498 $\pm$ 0.193 χ^2 /NDF: 15.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

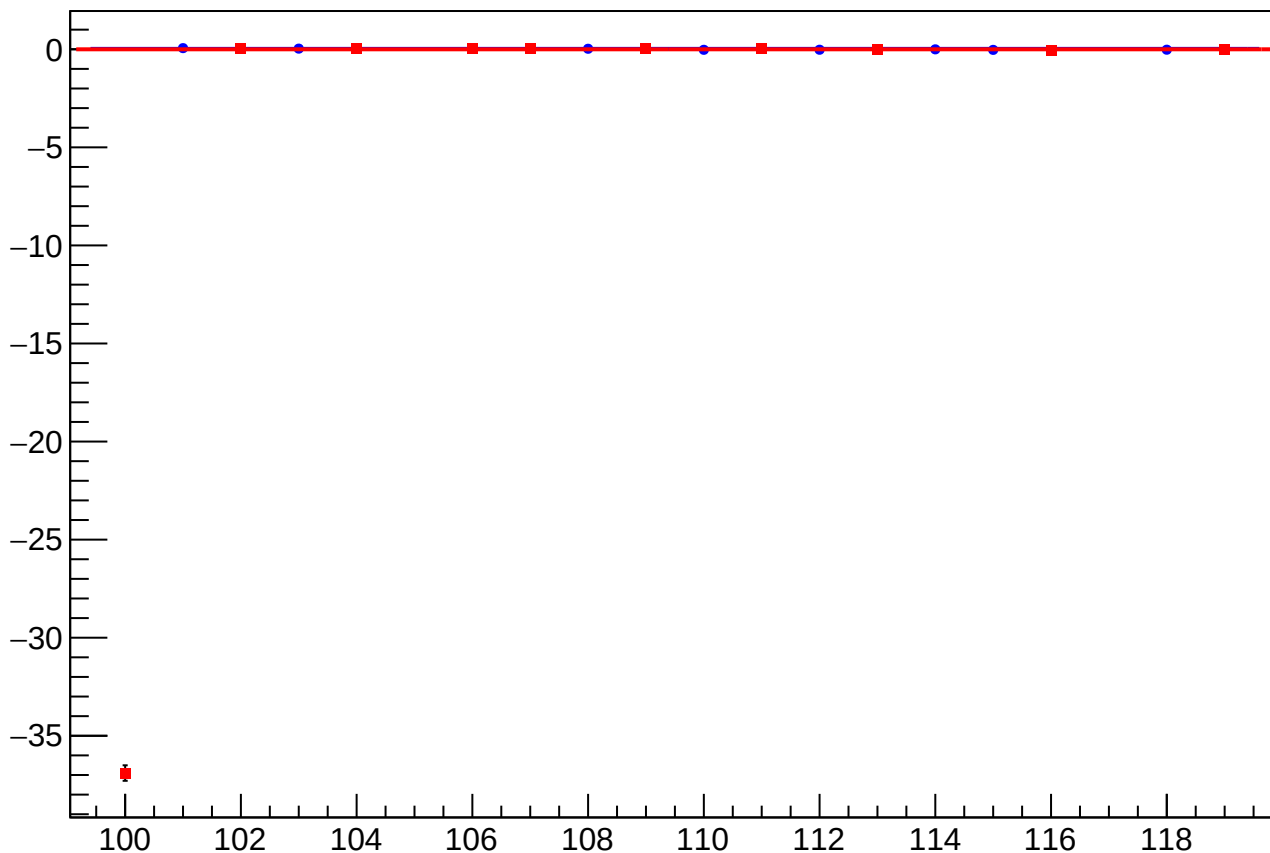
Right: 0.369 $\pm$ 0.142 χ^2 /NDF: 25.0/17

In: 0.215 $\pm$ 0.210 χ^2 /NDF:9.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.369 $\pm$ 0.142 χ^2 /NDF: 25.0/17

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.011 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.010 χ^2 /NDF: 8745.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

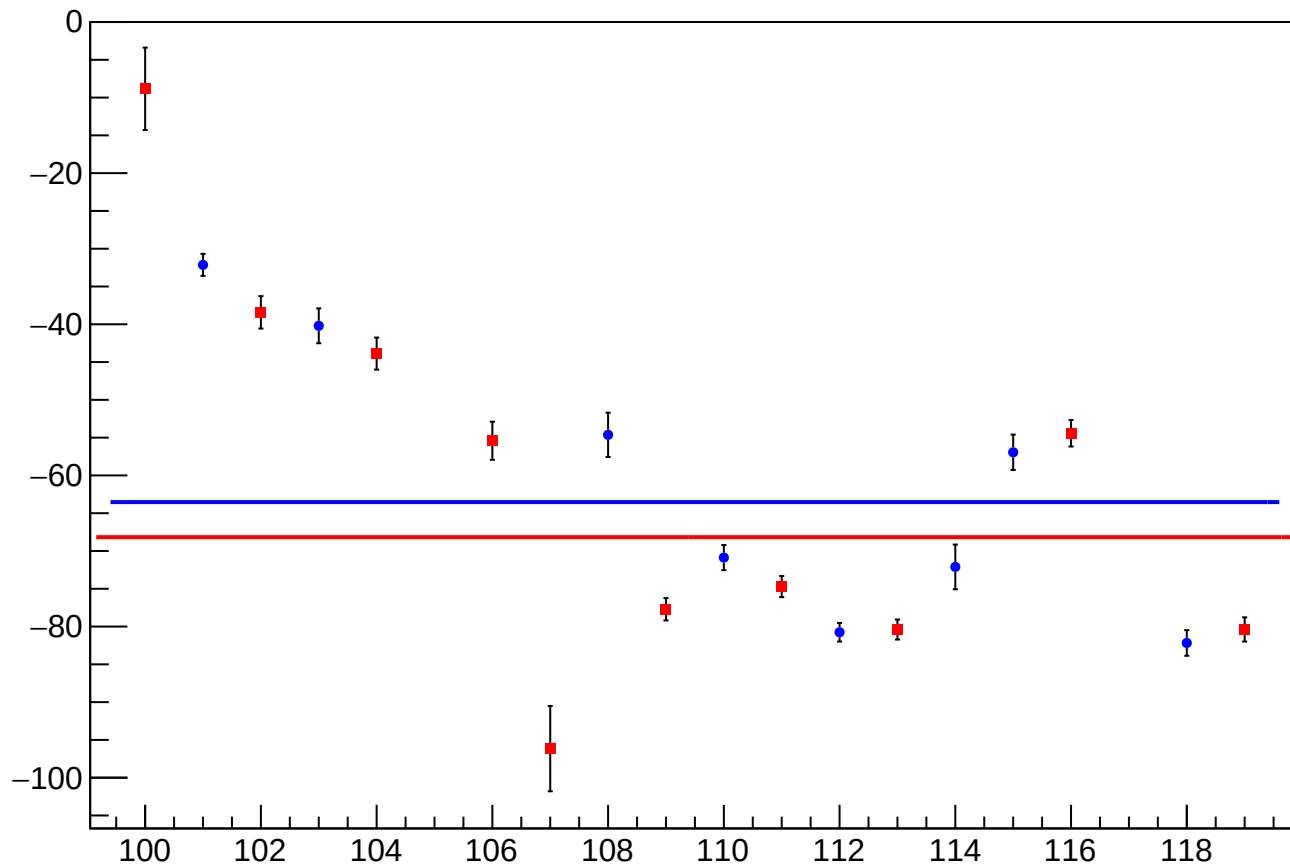
Right: 0.008 $\pm$ 0.007 χ^2 /NDF: 8755.0/17

In: 0.020 $\pm$ 0.011 χ^2 /NDF: 7.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.007 χ^2 /NDF: 8755.0/17

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -63.529+/-0.641 χ^2/NDF : 927.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.170+/-0.585 χ^2/NDF : 760.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

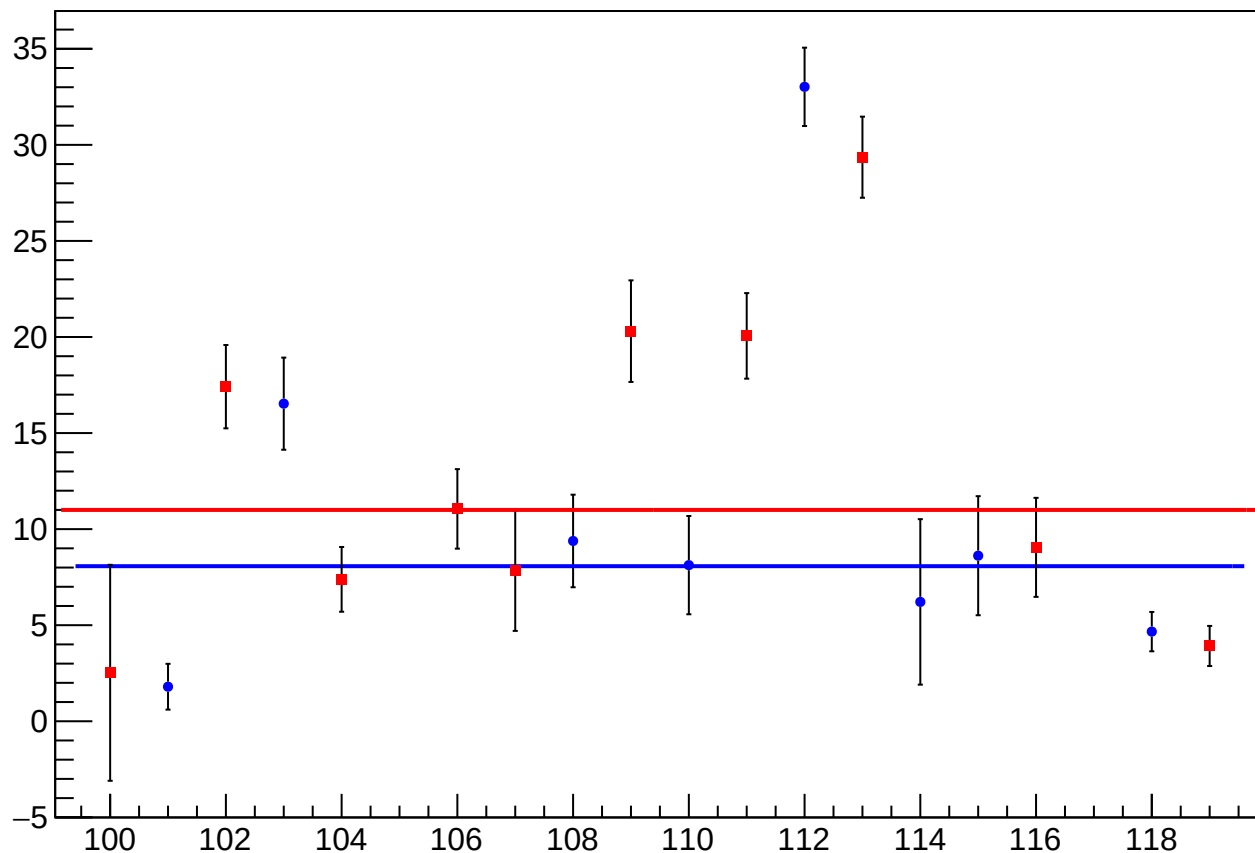
Right: -66.059+/-0.432 χ^2/NDF : 1716.1/17

In: -63.529+/-0.641 χ^2/NDF : 927.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.059+/-0.432 χ^2/NDF : 1716.1/17

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.071+/-0.626 χ^2/NDF : 201.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.999+/-0.624 χ^2/NDF : 167.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

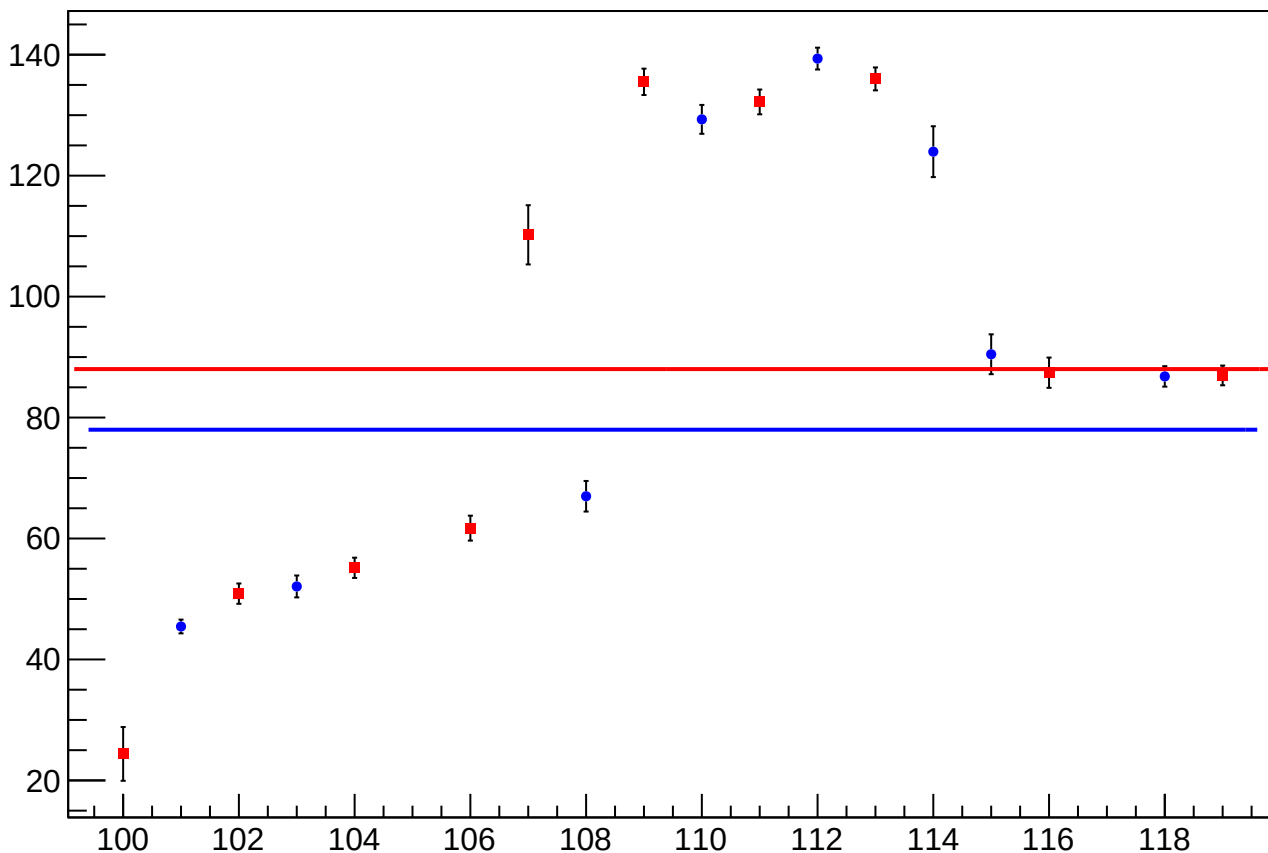
Right: 9.539+/-0.442 χ^2/NDF : 380.3/17

In: 8.071+/-0.626 χ^2/NDF : 201.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.539+/-0.442 χ^2/NDF : 380.3/17

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.991+/-0.673 χ^2/NDF : 2817.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.015+/-0.659 χ^2/NDF : 2843.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

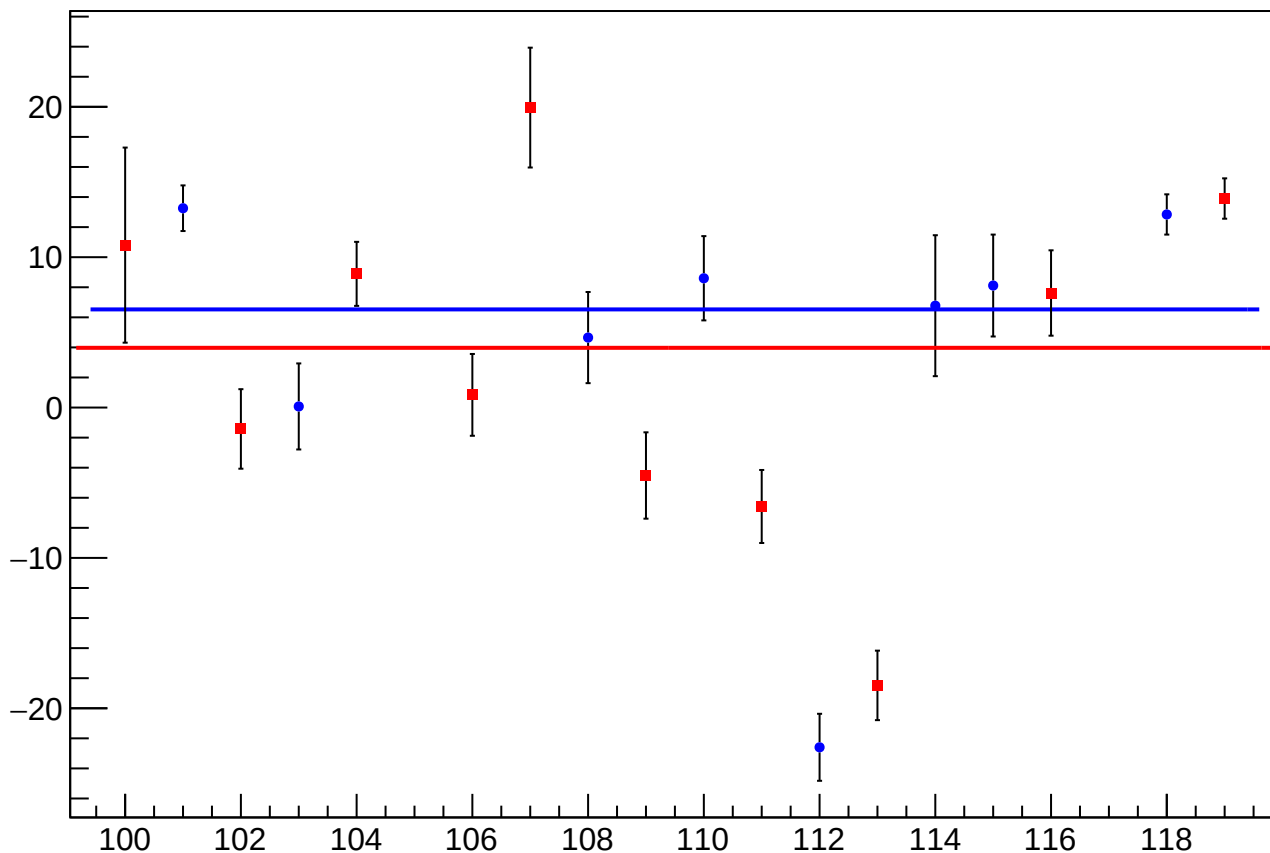
Right: 83.105+/-0.471 χ^2/NDF : 5774.2/17

In: 77.991+/-0.673 χ^2/NDF : 2817.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.105+/-0.471 χ^2/NDF : 5774.2/17

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.527 $\pm$ 0.771 χ^2 /NDF: 219.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.973 $\pm$ 0.757 χ^2 /NDF: 206.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

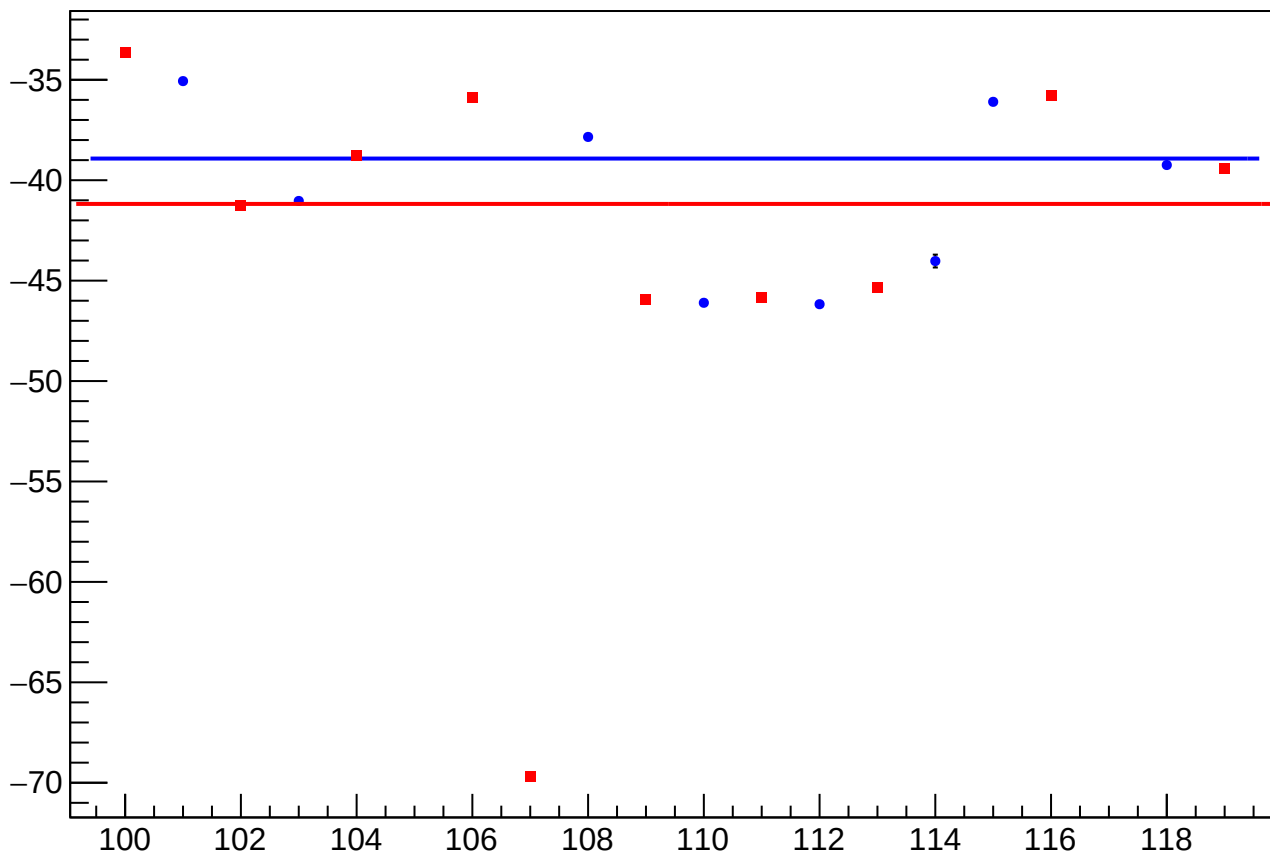
Right: 5.228 $\pm$ 0.540 χ^2 /NDF: 431.0/17

In: 6.527 $\pm$ 0.771 χ^2 /NDF:219.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.228 $\pm$ 0.540 χ^2 /NDF: 431.0/17

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -38.921+/-0.039 χ^2/NDF : 8440.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.180+/-0.038 χ^2/NDF : 29204.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

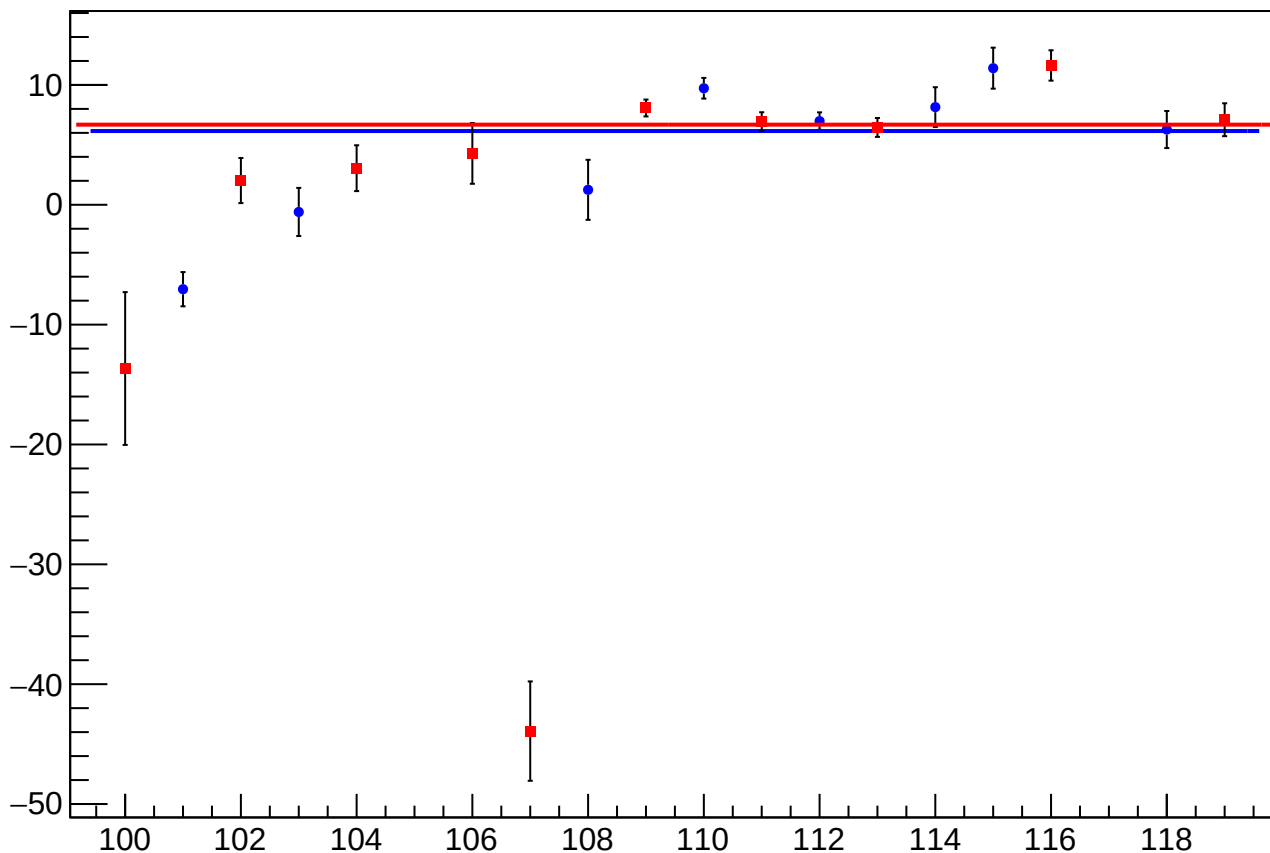
Right: -40.104+/-0.027 χ^2/NDF : 39361.2/17

In: -38.921+/-0.039 χ^2/NDF : 8440.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.104+/-0.027 χ^2/NDF : 39361.2/17

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 6.154+/-0.437 χ^2/NDF : 129.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.686+/-0.373 χ^2/NDF : 189.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

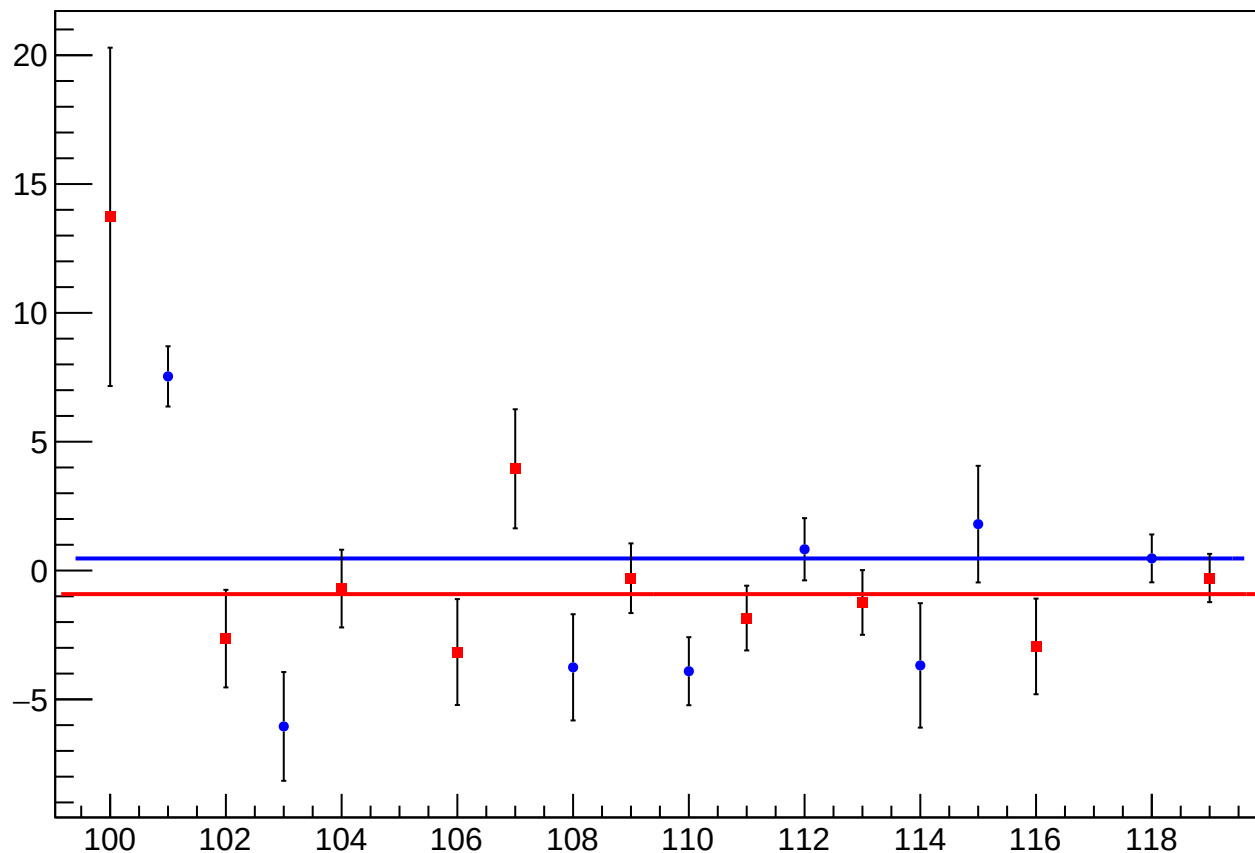
Right: 6.462+/-0.284 χ^2/NDF : 319.9/17

In: 6.154+/-0.437 χ^2/NDF : 129.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.462+/-0.284 χ^2/NDF : 319.9/17

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.468+/-0.501 χ^2/NDF : 64.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.916+/-0.476 χ^2/NDF : 13.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

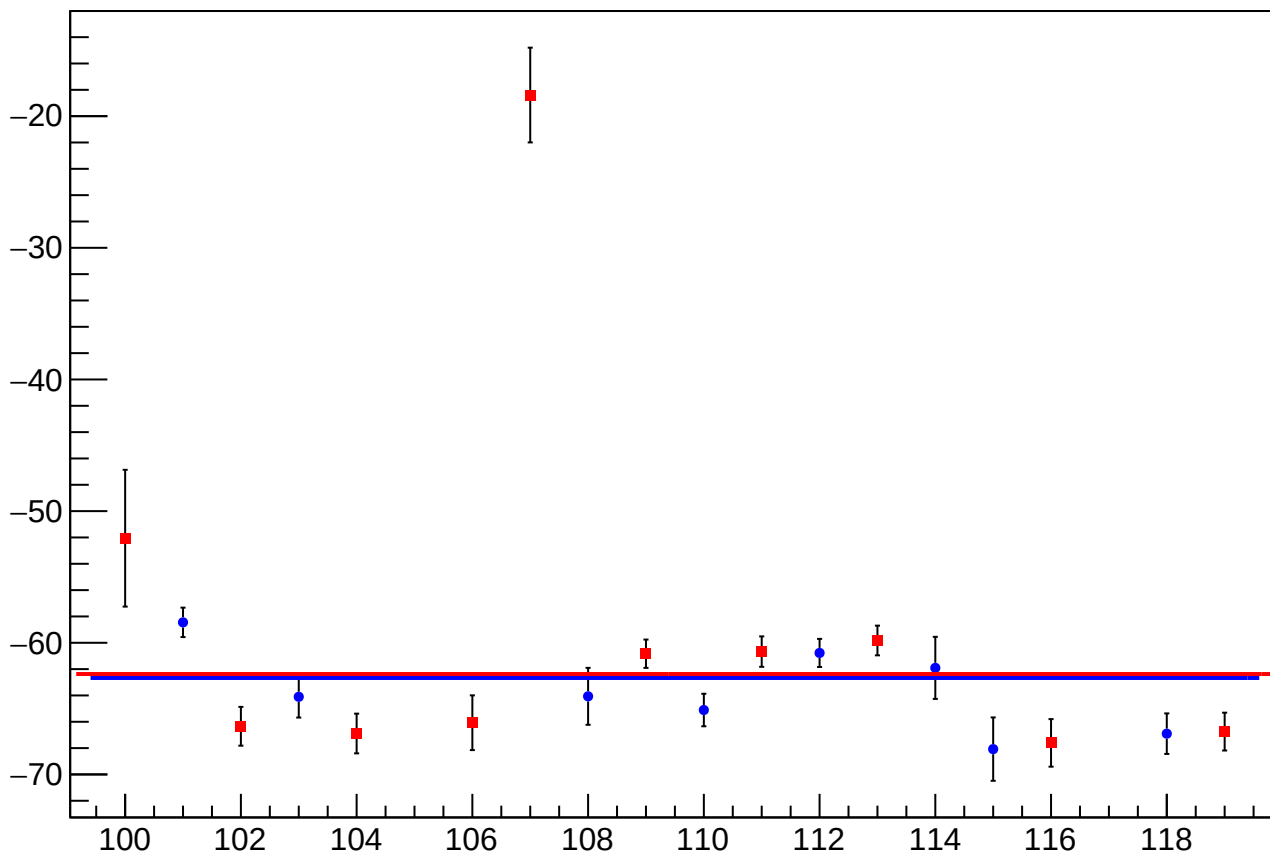
Right: -0.260+/-0.345 χ^2/NDF : 82.6/17

In: 0.468+/-0.501 χ^2/NDF :64.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.260+/-0.345 χ^2/NDF : 82.6/17

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -62.673+/-0.518 χ^2/NDF : 35.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -62.373+/-0.475 χ^2/NDF : 199.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

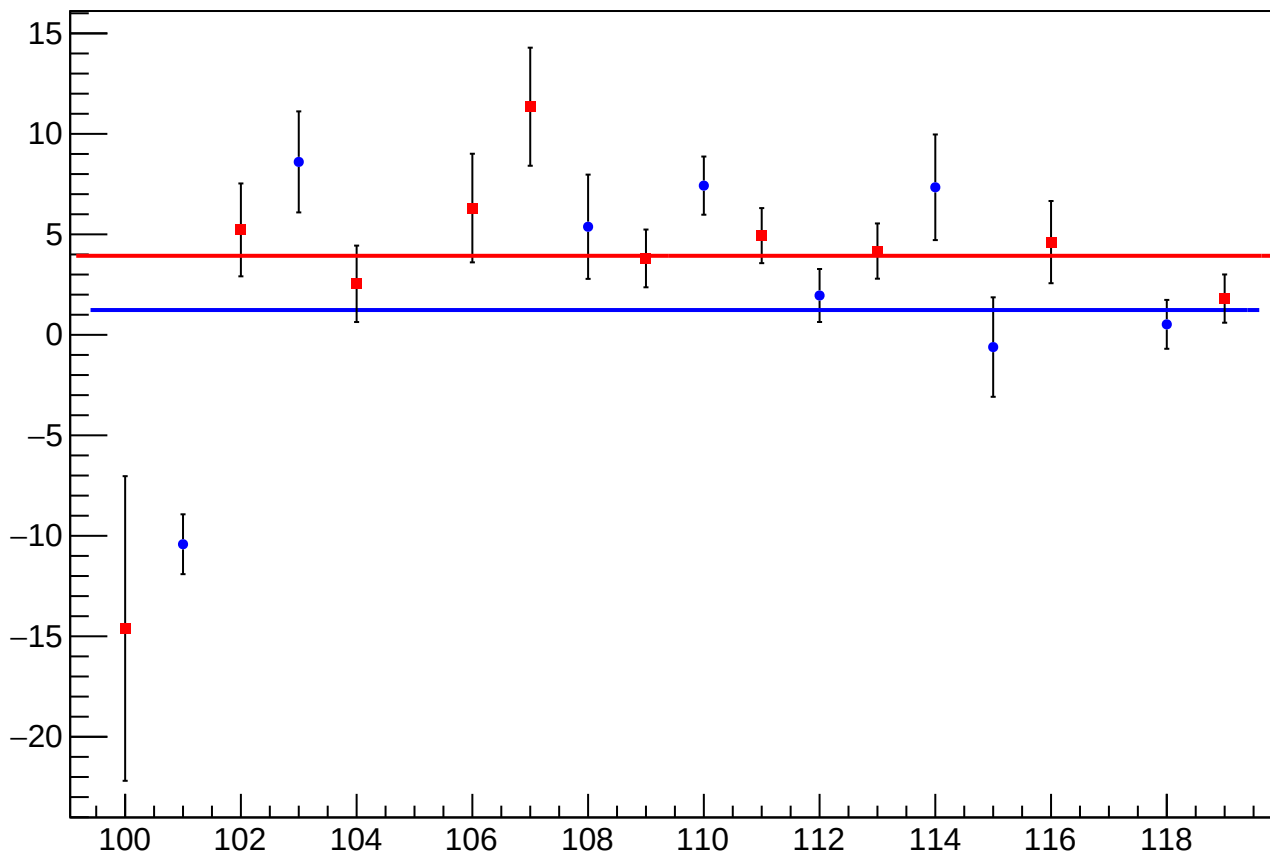
Right: -62.510+/-0.350 χ^2/NDF : 235.2/17

In: -62.673+/-0.518 χ^2/NDF : 35.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.510+/-0.350 χ^2/NDF : 235.2/17

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.235+/-0.598 χ^2/NDF : 97.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.933+/-0.558 χ^2/NDF : 17.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

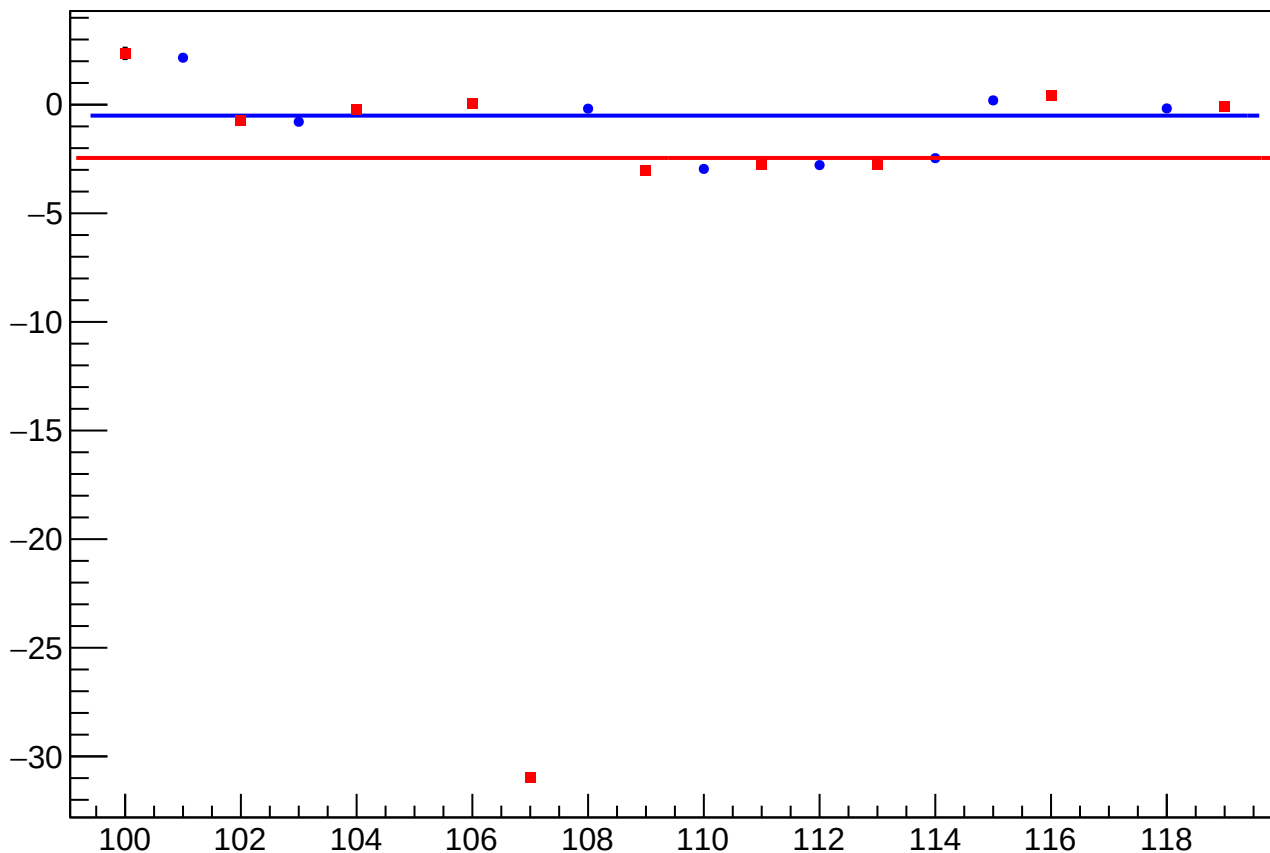
Right: 2.678+/-0.408 χ^2/NDF : 126.0/17

In: 1.235+/-0.598 χ^2/NDF : 97.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.678+/-0.408 χ^2/NDF : 126.0/17

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.503 ± 0.032 $\chi^2/\text{NDF}: 3085.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.452 ± 0.030 $\chi^2/\text{NDF}: 41658.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

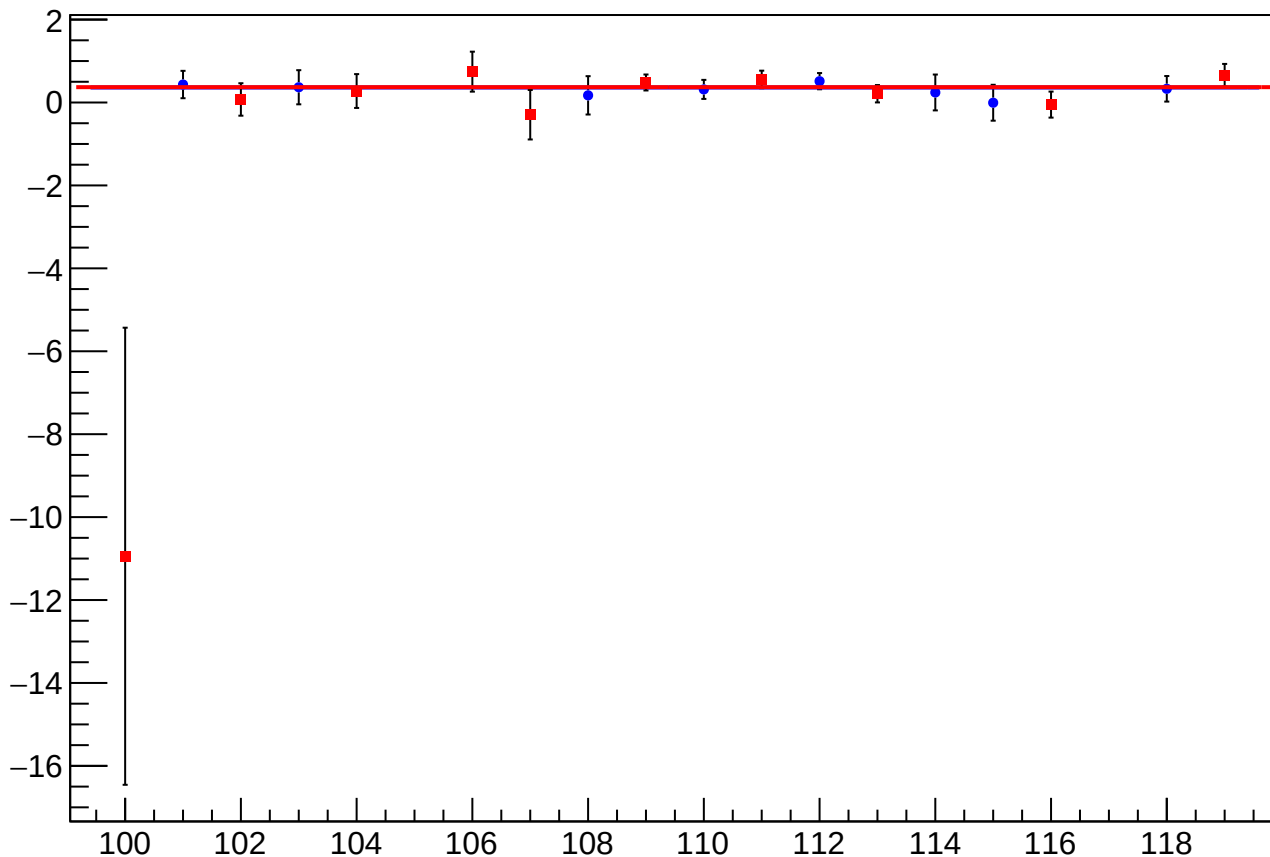
Right: -1.561 ± 0.022 $\chi^2/\text{NDF}: 46706.7/17$

In: -0.503 ± 0.032 $\chi^2/\text{NDF}: 3085.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.561 ± 0.022 $\chi^2/\text{NDF}: 46706.7/17$

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.362 $\pm$ 0.108 χ^2 /NDF: 1.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.370 $\pm$ 0.093 χ^2 /NDF: 11.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

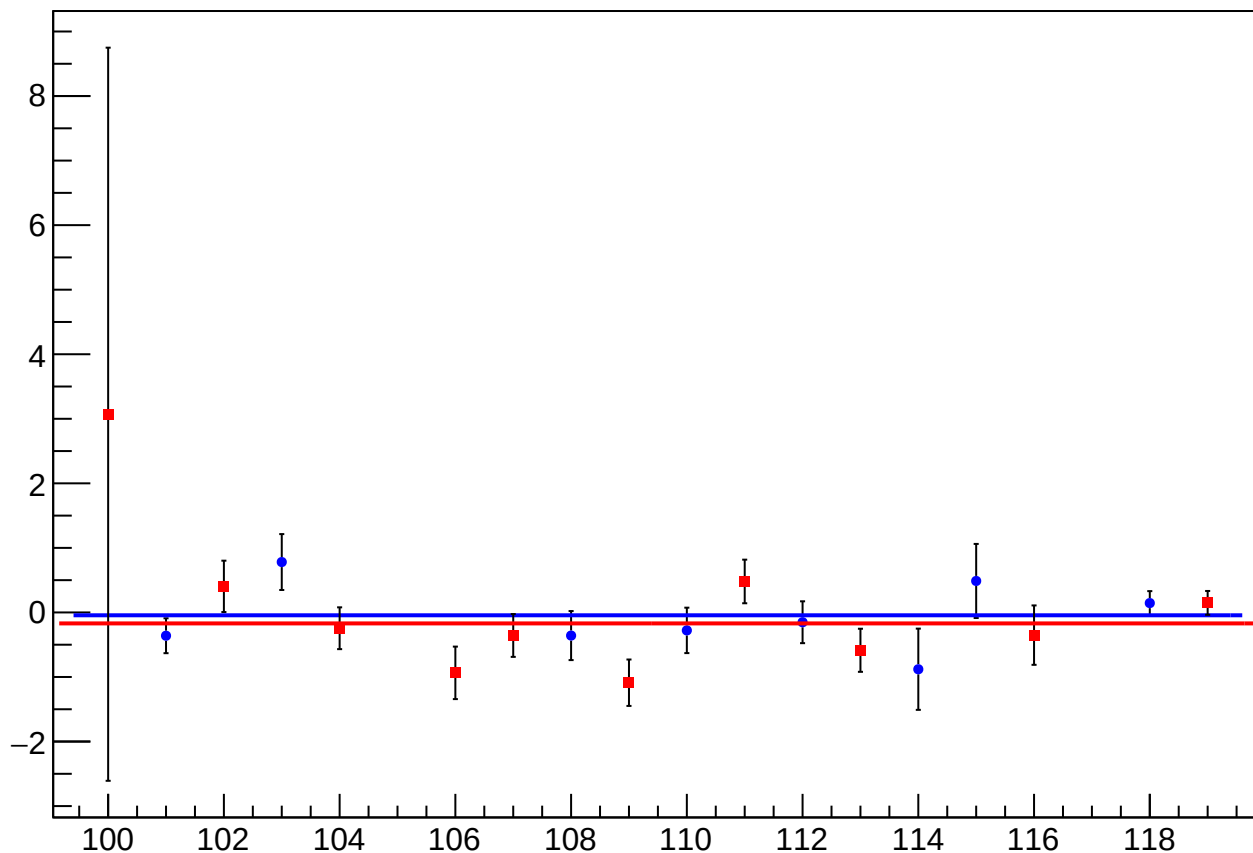
Right: 0.366 $\pm$ 0.070 χ^2 /NDF: 12.9/17

In: 0.362 $\pm$ 0.108 χ^2 /NDF:1.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.366 $\pm$ 0.070 χ^2 /NDF: 12.9/17

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.044+/-0.113 χ^2 /NDF: 9.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.170+/-0.105 χ^2 /NDF: 21.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

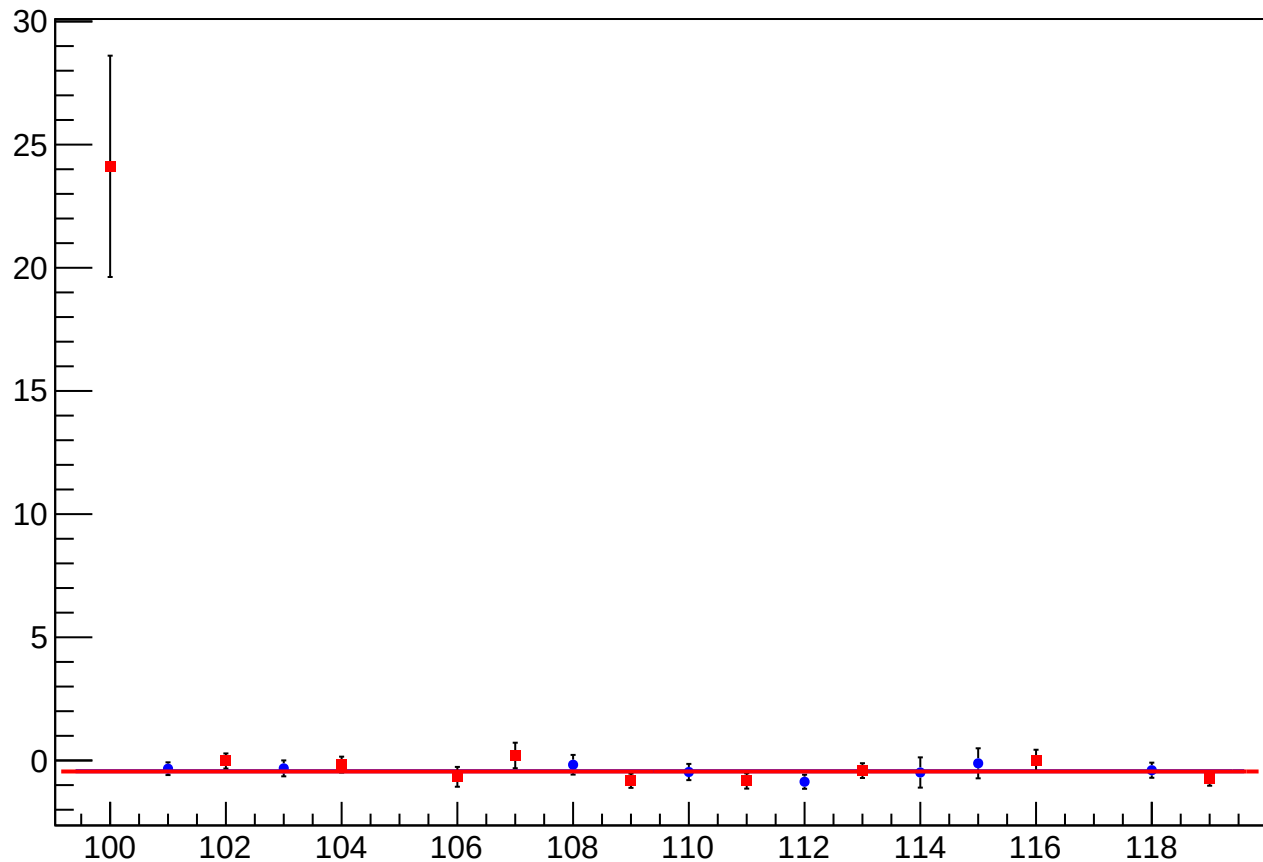
Right: -0.112+/-0.077 χ^2 /NDF: 31.8/17

In: -0.044+/-0.113 χ^2 /NDF:9.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.112+/-0.077 χ^2 /NDF: 31.8/17

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.437 ± 0.121 $\chi^2/\text{NDF}: 3.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.448 ± 0.111 $\chi^2/\text{NDF}: 39.7/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

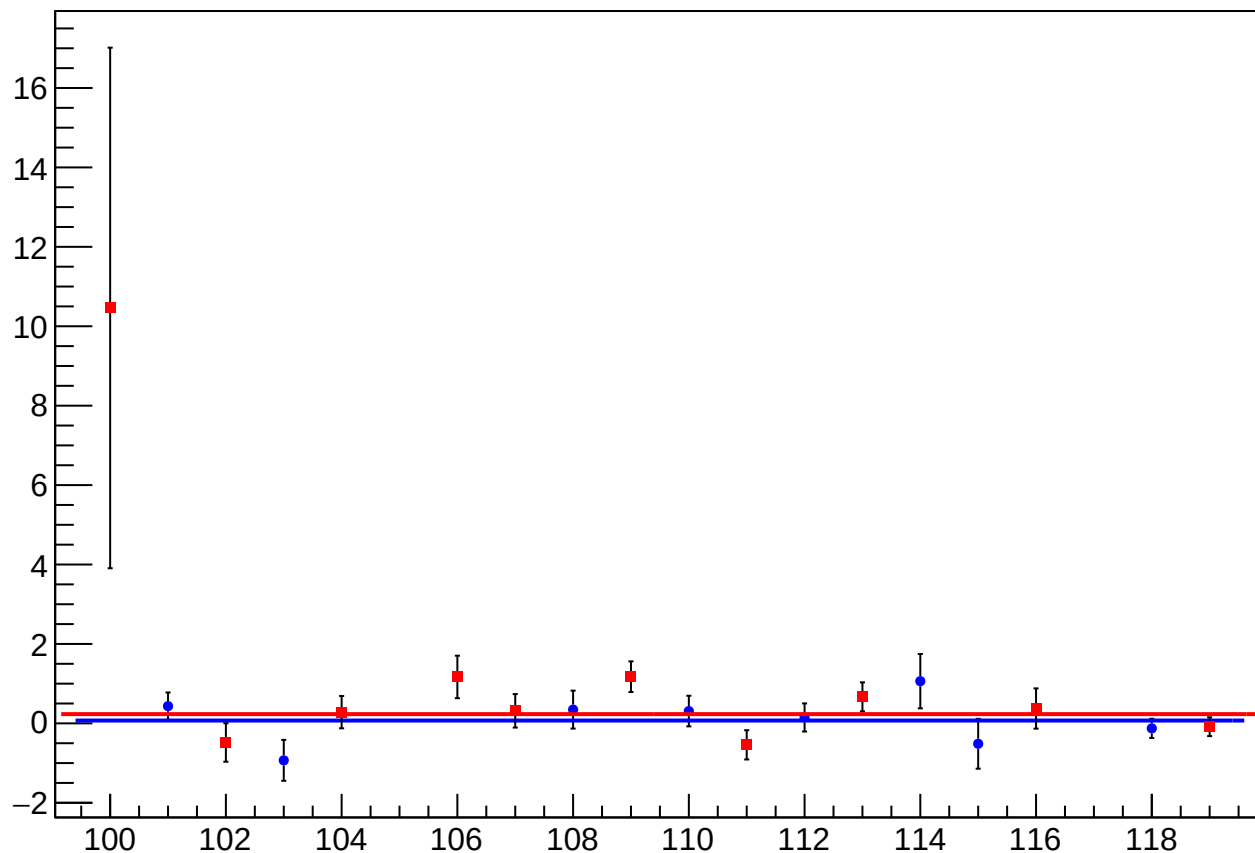
Right: -0.443 ± 0.082 $\chi^2/\text{NDF}: 43.0/17$

In: -0.437 ± 0.121 $\chi^2/\text{NDF}: 3.3/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.443 ± 0.082 $\chi^2/\text{NDF}: 43.0/17$

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.071+/-0.137 χ^2/NDF : 9.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.233+/-0.126 χ^2/NDF : 21.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

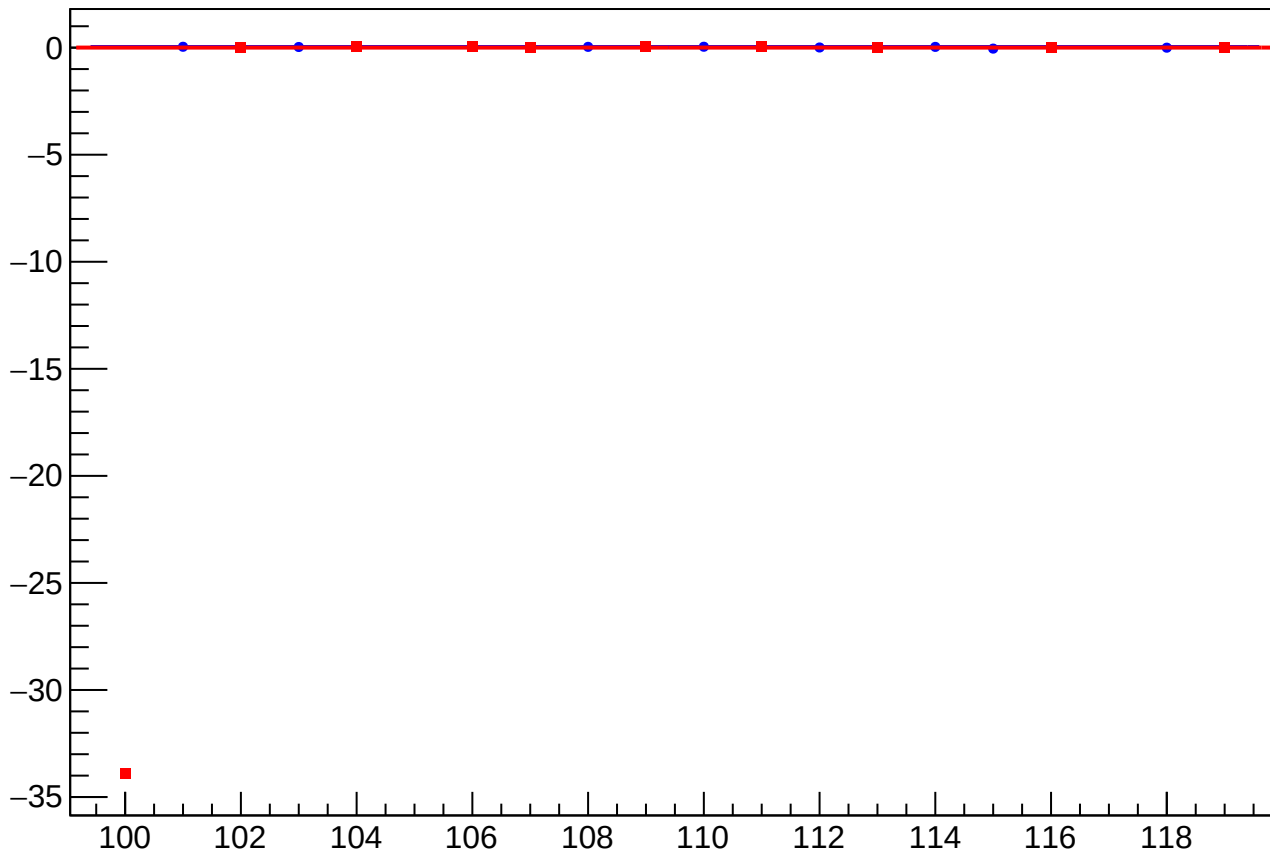
Right: 0.159+/-0.093 χ^2/NDF : 31.4/17

In: 0.071+/-0.137 χ^2/NDF : 9.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.159+/-0.093 χ^2/NDF : 31.4/17

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.007 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.006 χ^2 /NDF: 22252.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

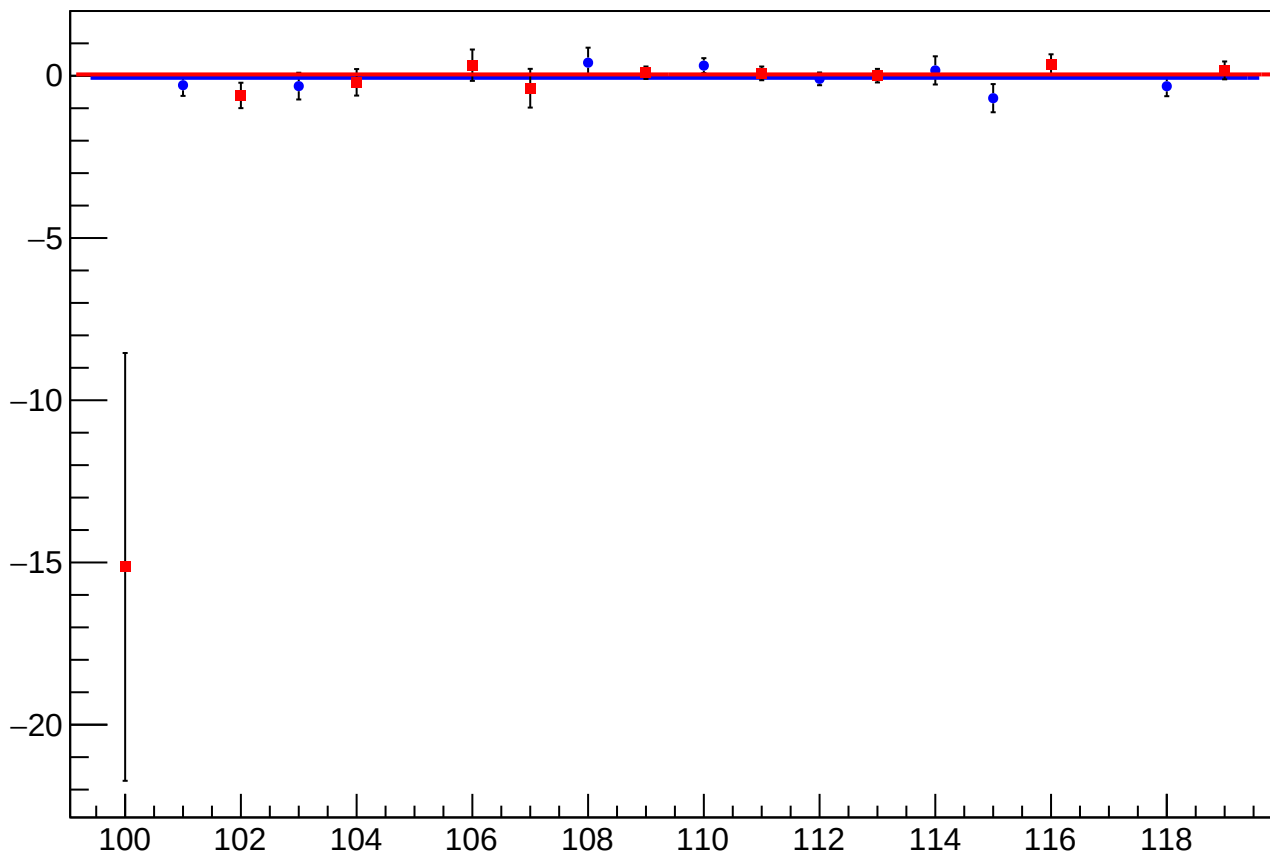
Right: 0.015 $\pm$ 0.005 χ^2 /NDF: 22265.2/17

In: 0.028 $\pm$ 0.007 χ^2 /NDF: 6.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.005 χ^2 /NDF: 22265.2/17

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.062 $\pm$ 0.108 χ^2 /NDF: 7.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.093 χ^2 /NDF: 10.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

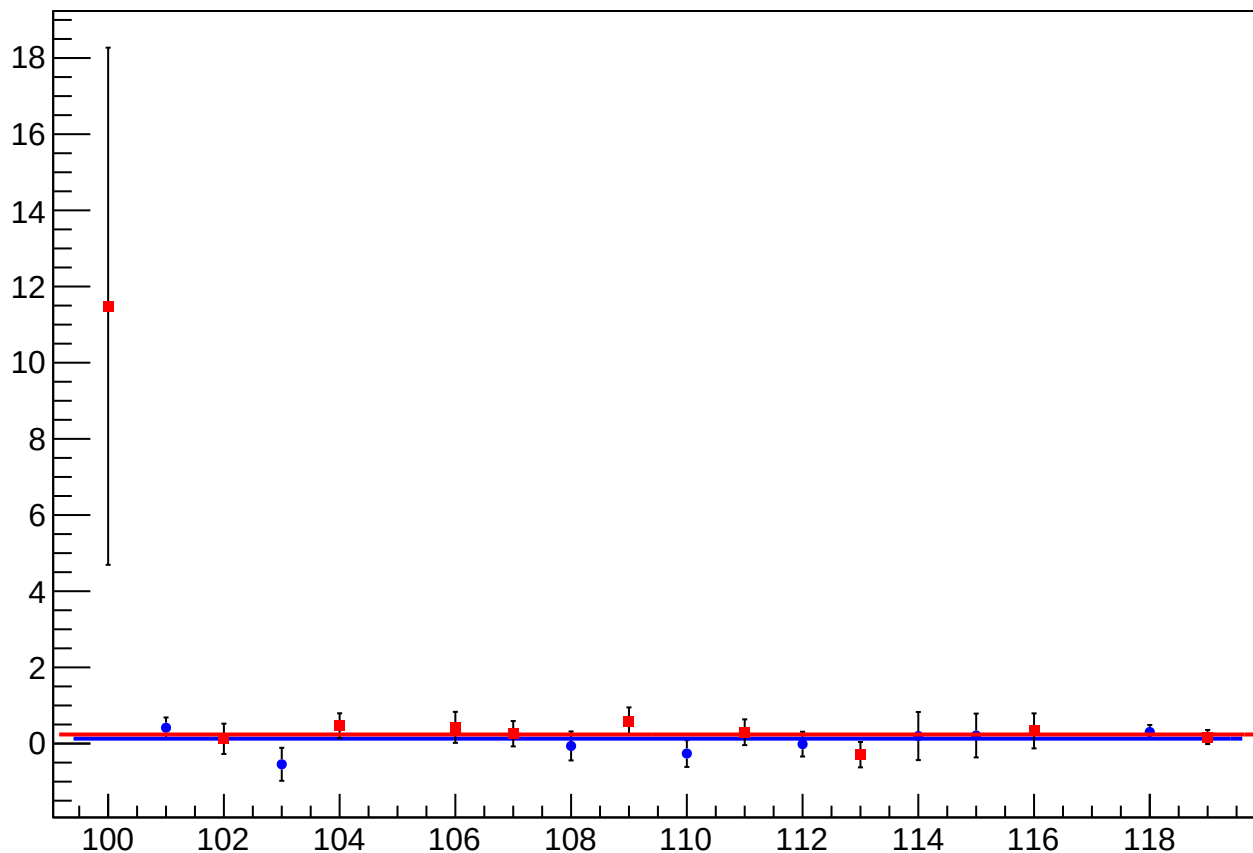
Right: -0.002 $\pm$ 0.071 χ^2 /NDF: 18.7/17

In: -0.062 $\pm$ 0.108 χ^2 /NDF:7.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.071 χ^2 /NDF: 18.7/17

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.129+/-0.113 χ^2/NDF : 6.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.238+/-0.105 χ^2/NDF : 7.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

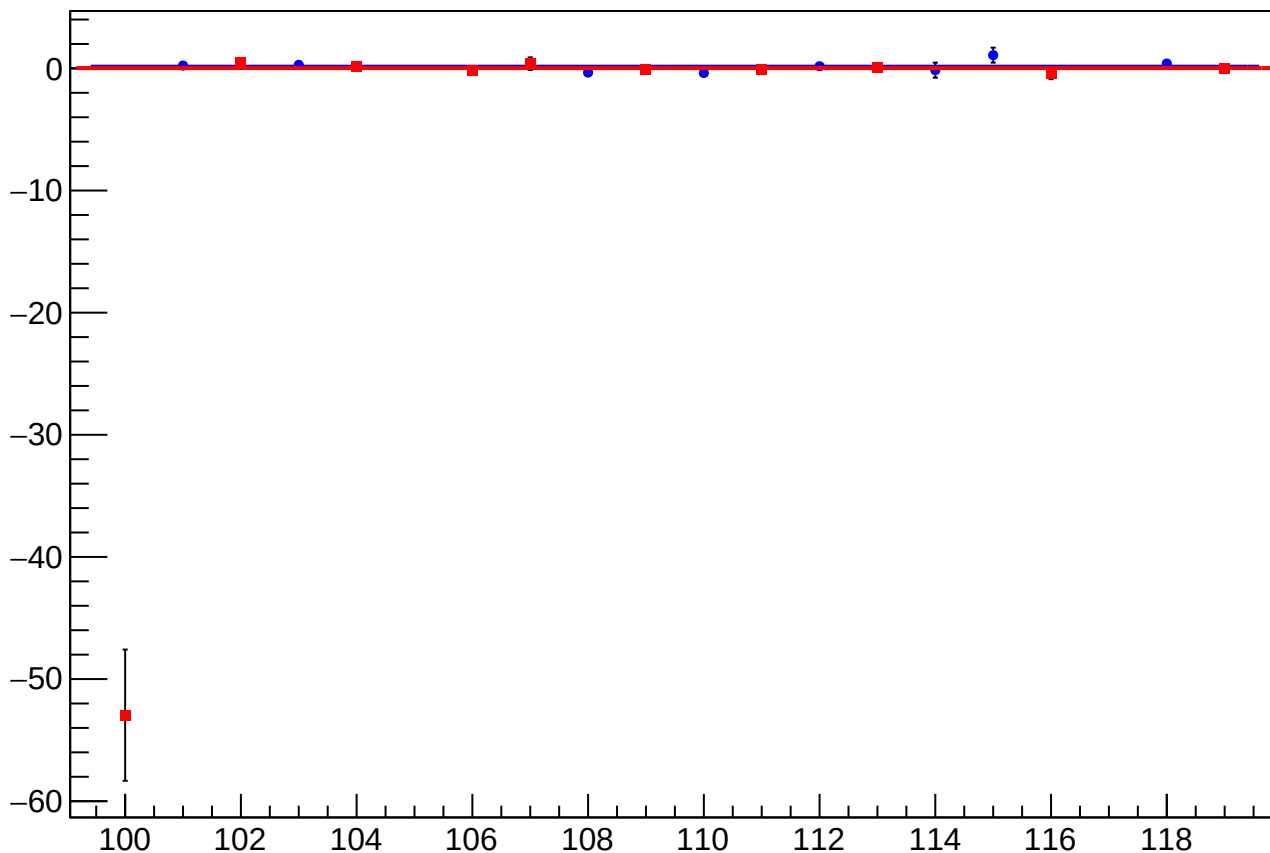
Right: 0.188+/-0.077 χ^2/NDF : 13.9/17

In: 0.129+/-0.113 χ^2/NDF : 6.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.188+/-0.077 χ^2/NDF : 13.9/17

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.139 $\pm$ 0.121 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.111 χ^2 /NDF: 101.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

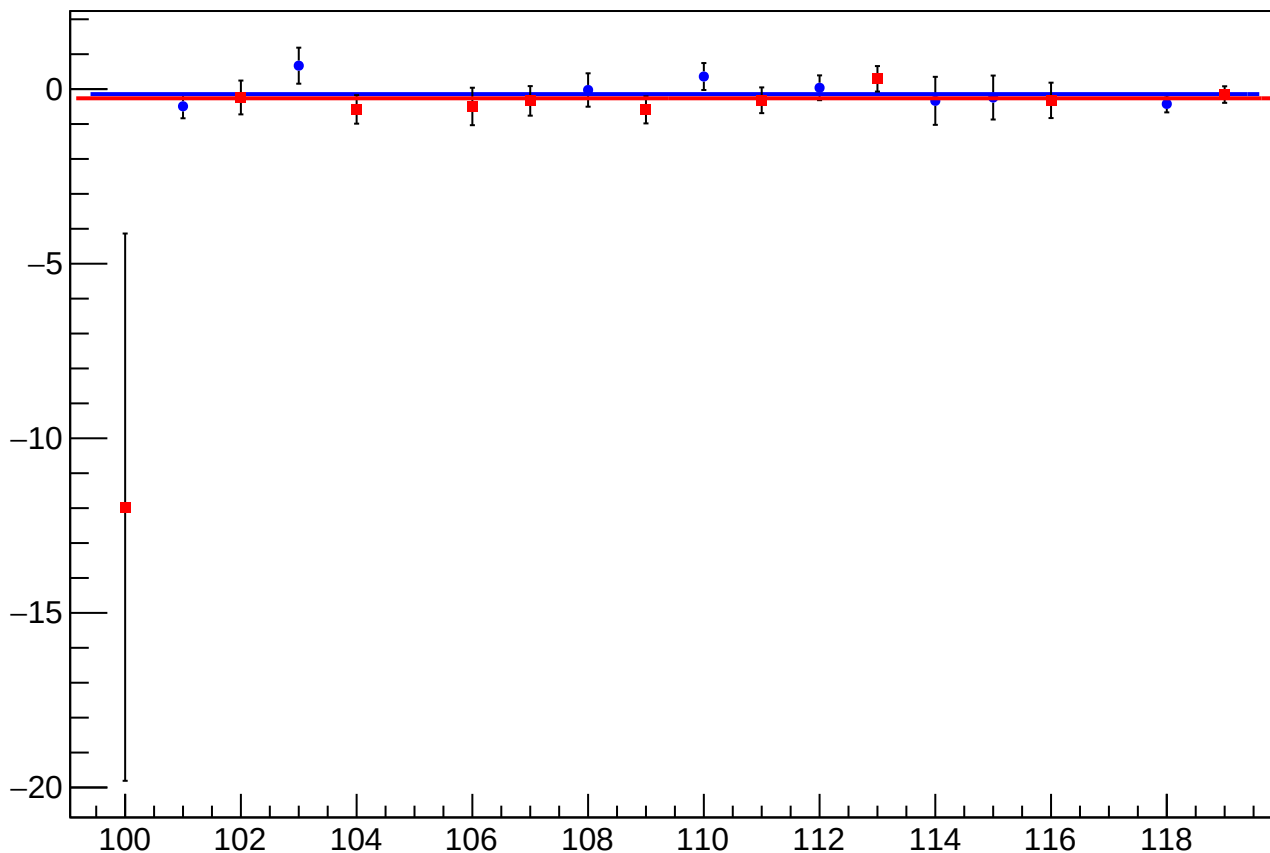
Right: 0.078 $\pm$ 0.082 χ^2 /NDF: 109.9/17

In: 0.139 $\pm$ 0.121 χ^2 /NDF: 7.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.078 $\pm$ 0.082 χ^2 /NDF: 109.9/17

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.144 ± 0.137 $\chi^2/\text{NDF}: 7.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.263 ± 0.126 $\chi^2/\text{NDF}: 6.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

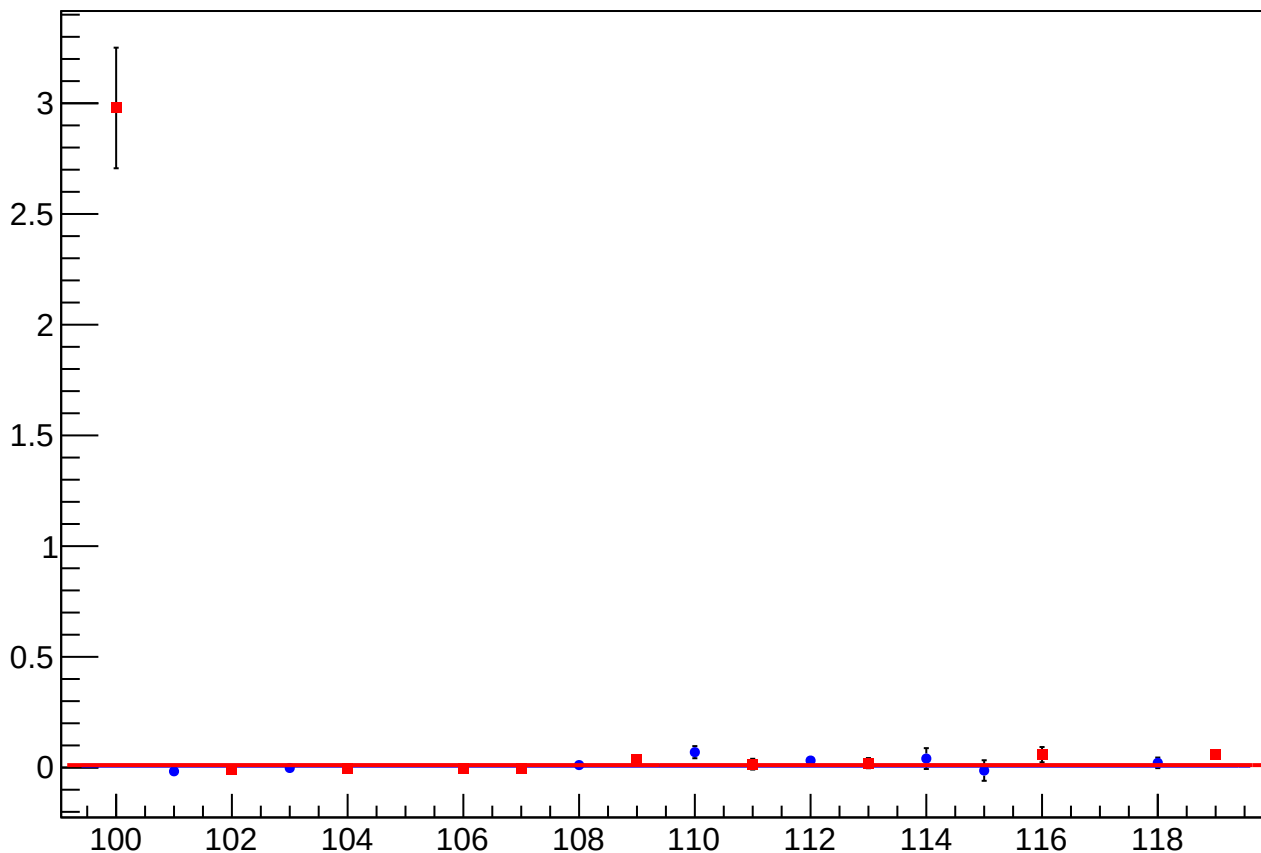
Right: -0.209 ± 0.093 $\chi^2/\text{NDF}: 13.8/17$

In: -0.144 ± 0.137 $\chi^2/\text{NDF}: 7.0/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.209 ± 0.093 $\chi^2/\text{NDF}: 13.8/17$

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.009+/-0.007 χ^2/NDF : 10.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.006 χ^2/NDF : 130.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

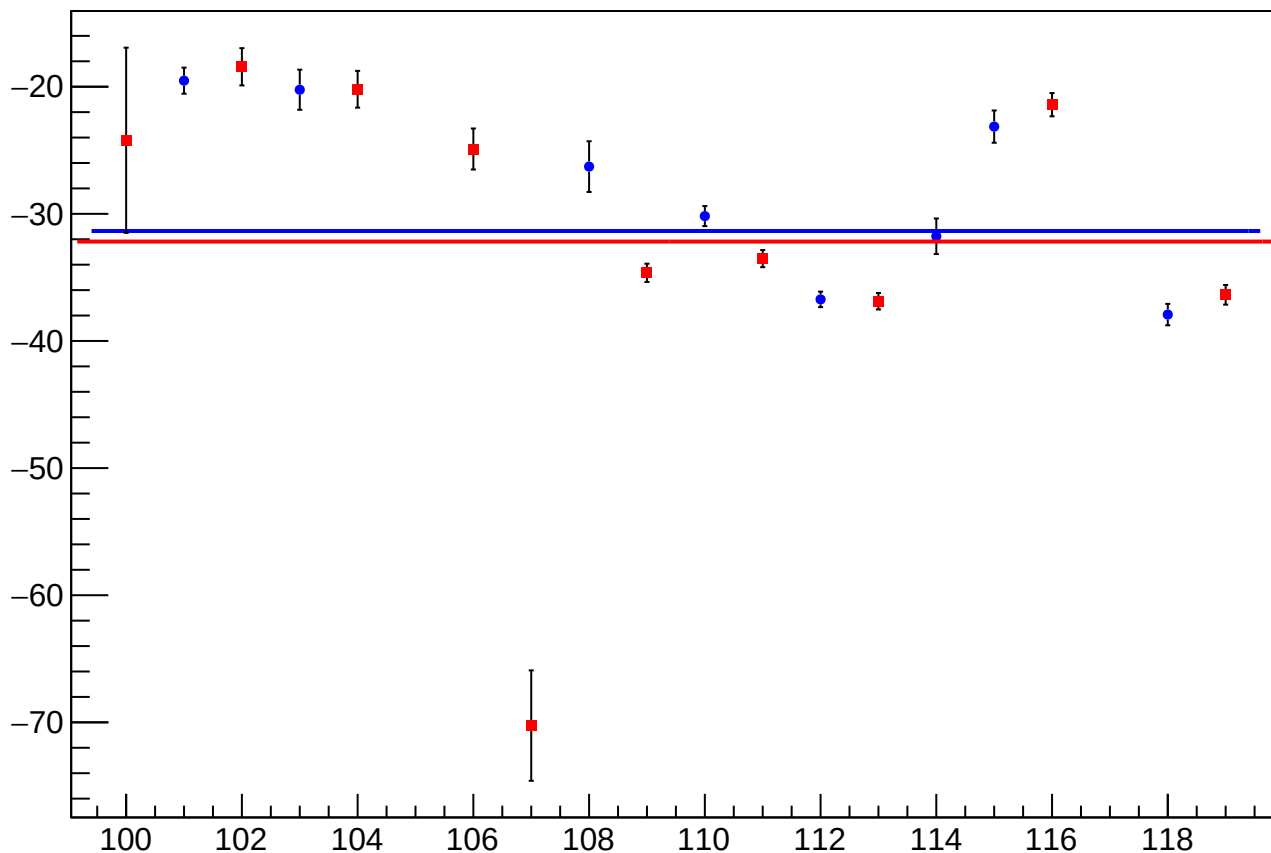
Right: 0.010+/-0.005 χ^2/NDF : 141.3/17

In: 0.009+/-0.007 χ^2/NDF : 10.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.005 χ^2/NDF : 141.3/17

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.350+/-0.344 χ^2/NDF : 371.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.180+/-0.304 χ^2/NDF : 492.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

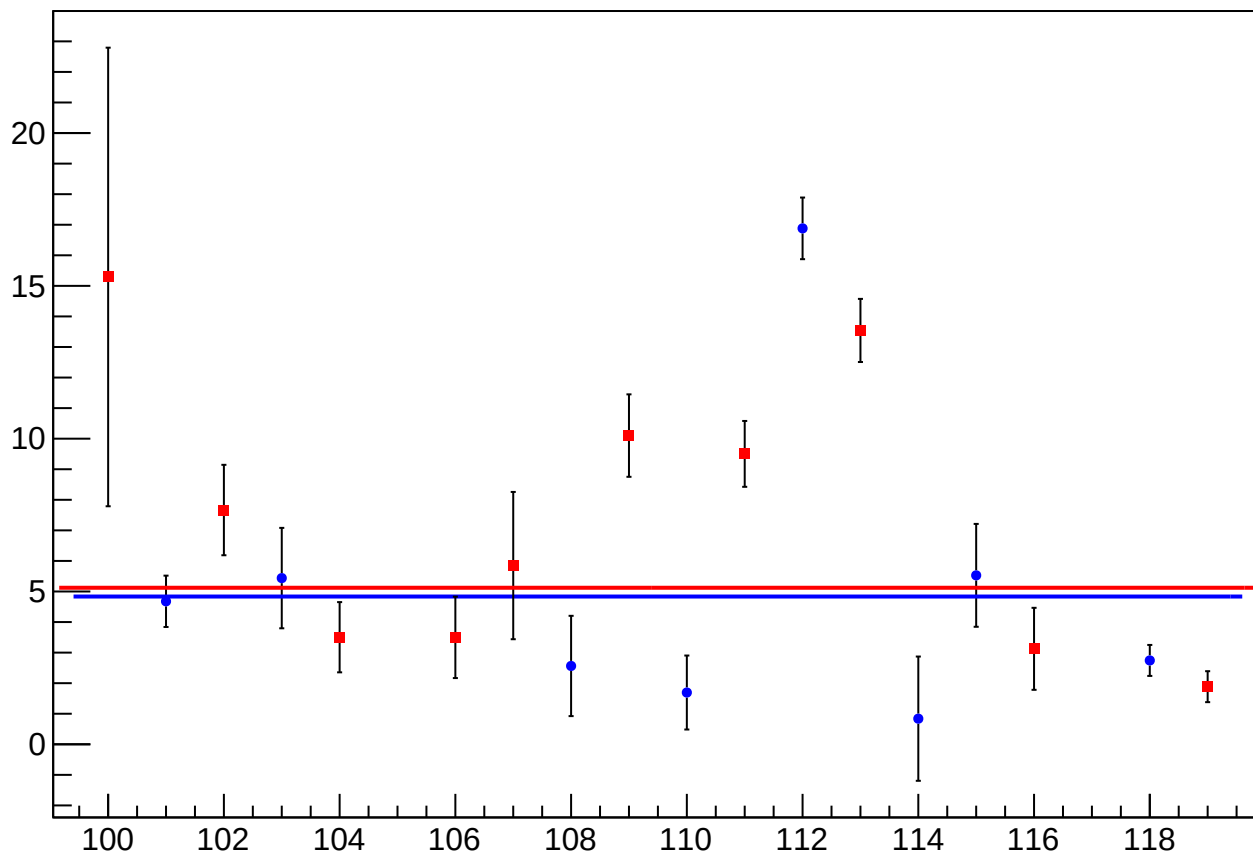
Right: -31.816+/-0.228 χ^2/NDF : 866.8/17

In: -31.350+/-0.344 χ^2/NDF : 371.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.816+/-0.228 χ^2/NDF : 866.8/17

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.835+/-0.347 χ^2/NDF : 172.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.122+/-0.338 χ^2/NDF : 148.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

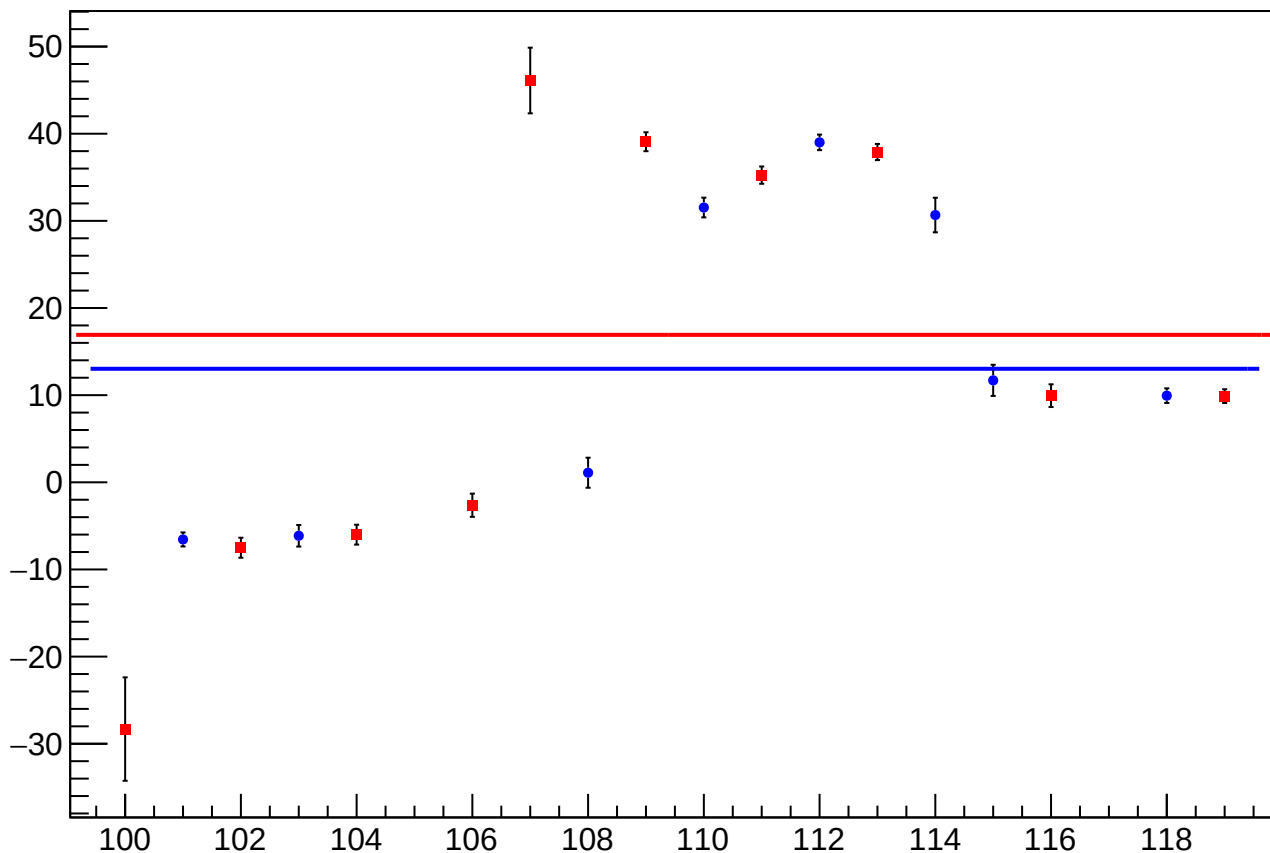
Right: 4.983+/-0.242 χ^2/NDF : 320.9/17

In: 4.835+/-0.347 χ^2/NDF : 172.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.983+/-0.242 χ^2/NDF : 320.9/17

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.027+/-0.390 χ^2/NDF : 2091.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.918+/-0.367 χ^2/NDF : 2570.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

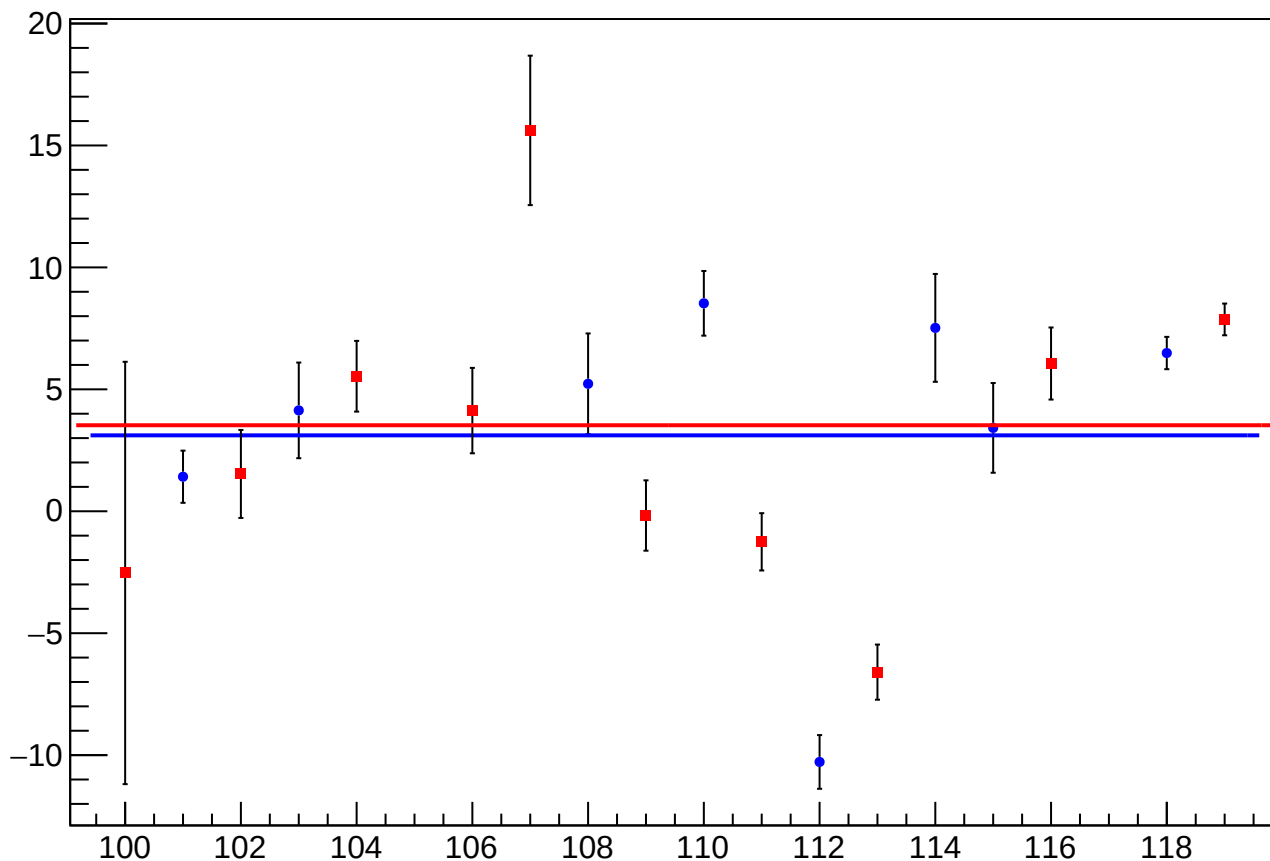
Right: 15.093+/-0.267 χ^2/NDF : 4714.2/17

In: 13.027+/-0.390 χ^2/NDF : 2091.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.093+/-0.267 χ^2/NDF : 4714.2/17

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.113+/-0.425 χ^2/NDF : 198.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.527+/-0.407 χ^2/NDF : 170.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

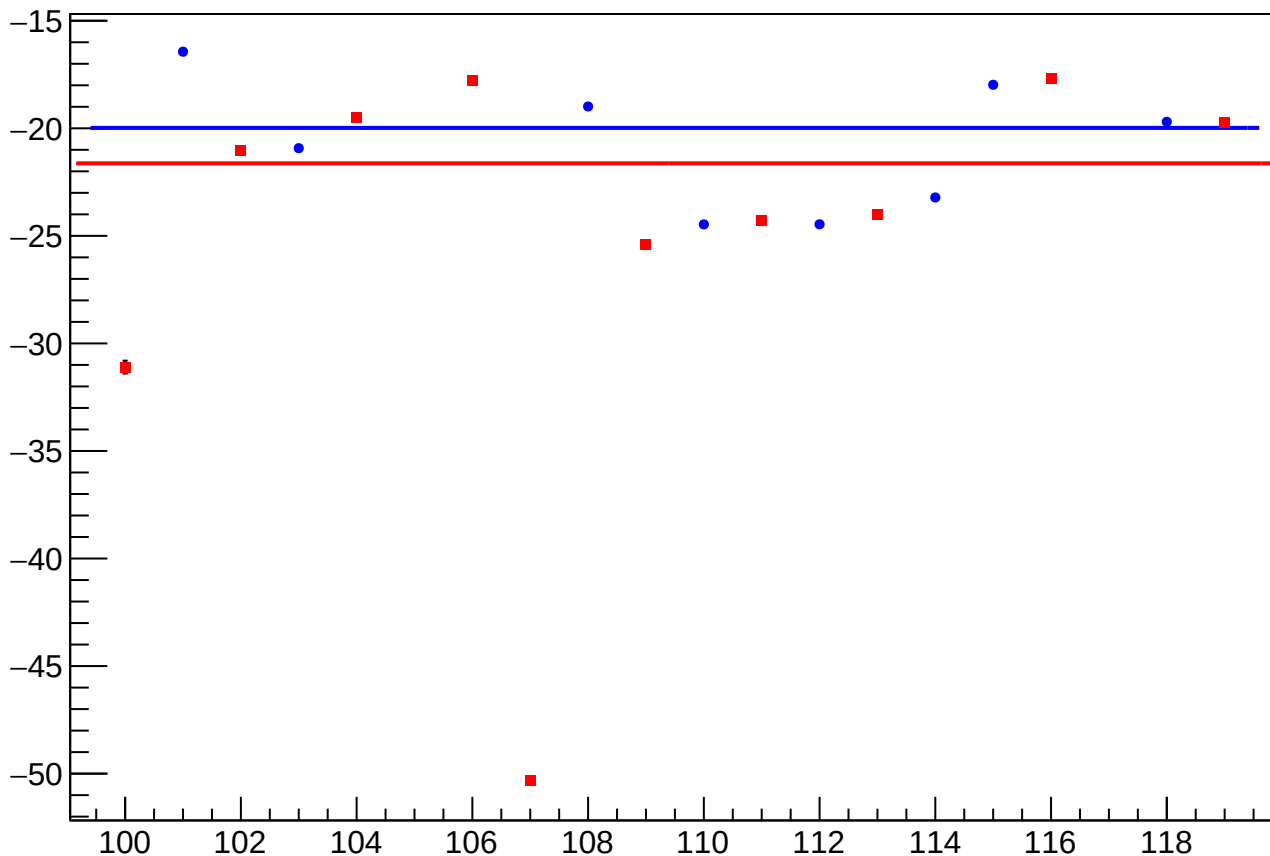
Right: 3.329+/-0.294 χ^2/NDF : 368.9/17

In: 3.113+/-0.425 χ^2/NDF : 198.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.329+/-0.294 χ^2/NDF : 368.9/17

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.981+/-0.025 χ^2/NDF : 13109.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.627+/-0.023 χ^2/NDF : 48705.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

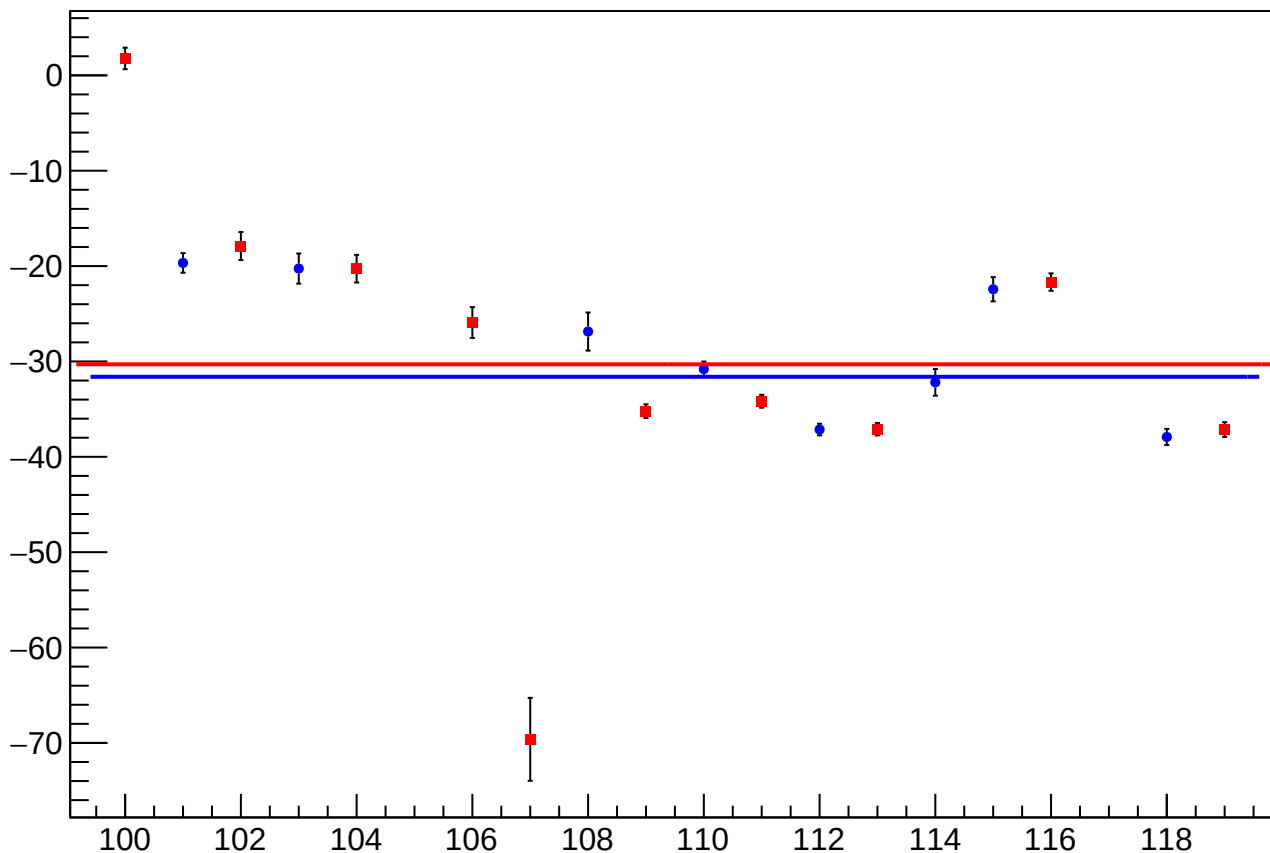
Right: -20.864+/-0.017 χ^2/NDF : 64226.6/17

In: -19.981+/-0.025 χ^2/NDF : 13109.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.864+/-0.017 χ^2/NDF : 64226.6/17

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -31.607 $\pm$ 0.345 χ^2 /NDF: 383.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.299 $\pm$ 0.294 χ^2 /NDF: 1373.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

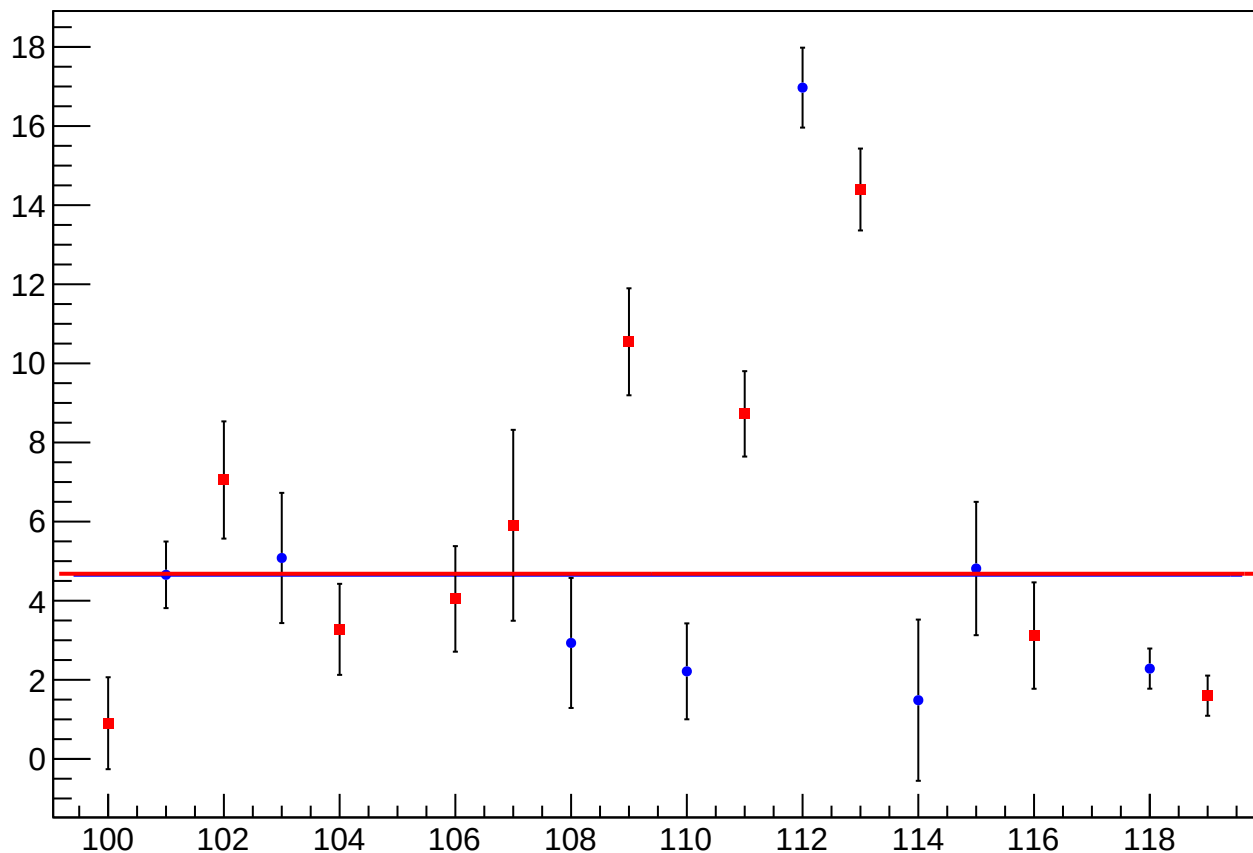
Right: -30.851 $\pm$ 0.224 χ^2 /NDF: 1765.0/17

In: -31.607 $\pm$ 0.345 χ^2 /NDF:383.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.851 $\pm$ 0.224 χ^2 /NDF: 1765.0/17

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.657+/-0.347 χ^2/NDF : 178.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.681+/-0.325 χ^2/NDF : 174.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

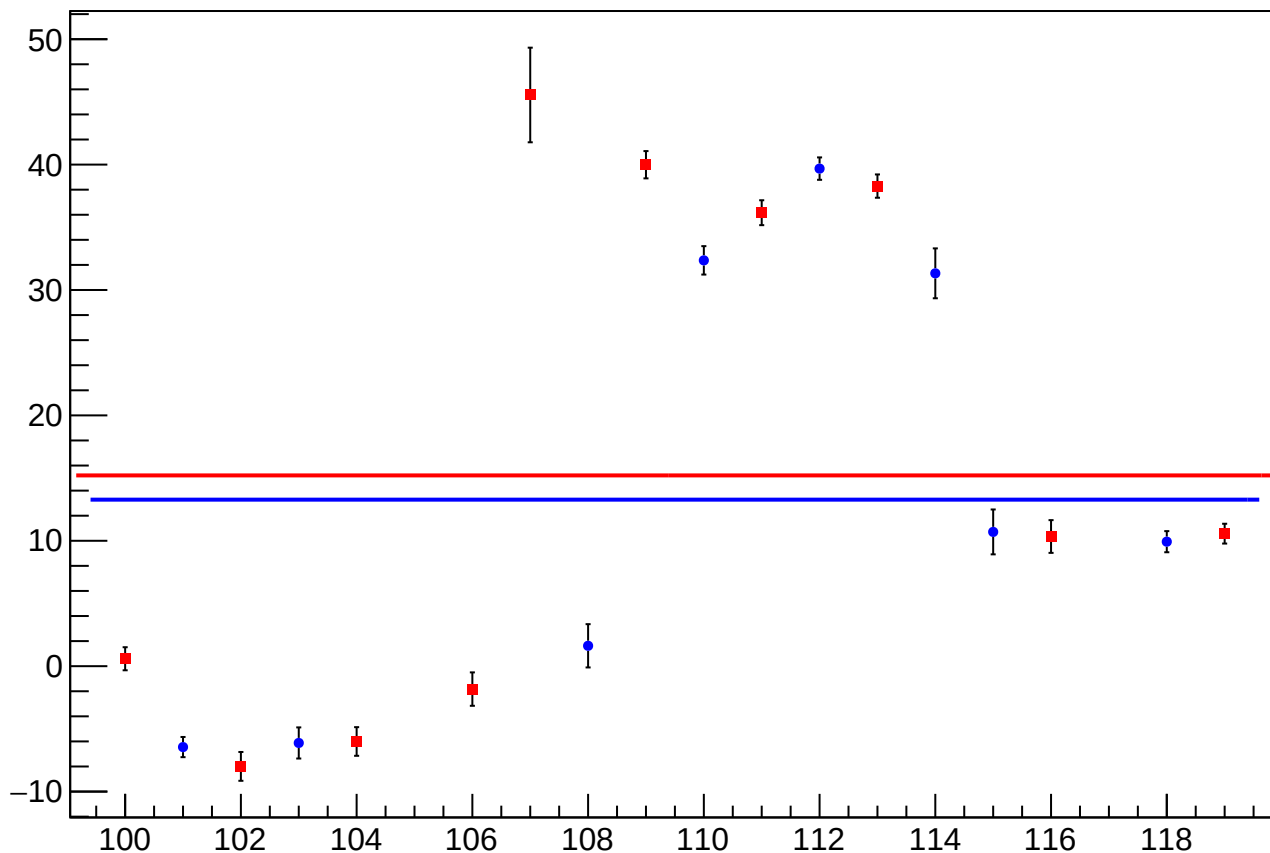
Right: 4.670+/-0.237 χ^2/NDF : 352.2/17

In: 4.657+/-0.347 χ^2/NDF : 178.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.670+/-0.237 χ^2/NDF : 352.2/17

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.280+/-0.391 χ^2/NDF : 2148.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.213+/-0.342 χ^2/NDF : 2862.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

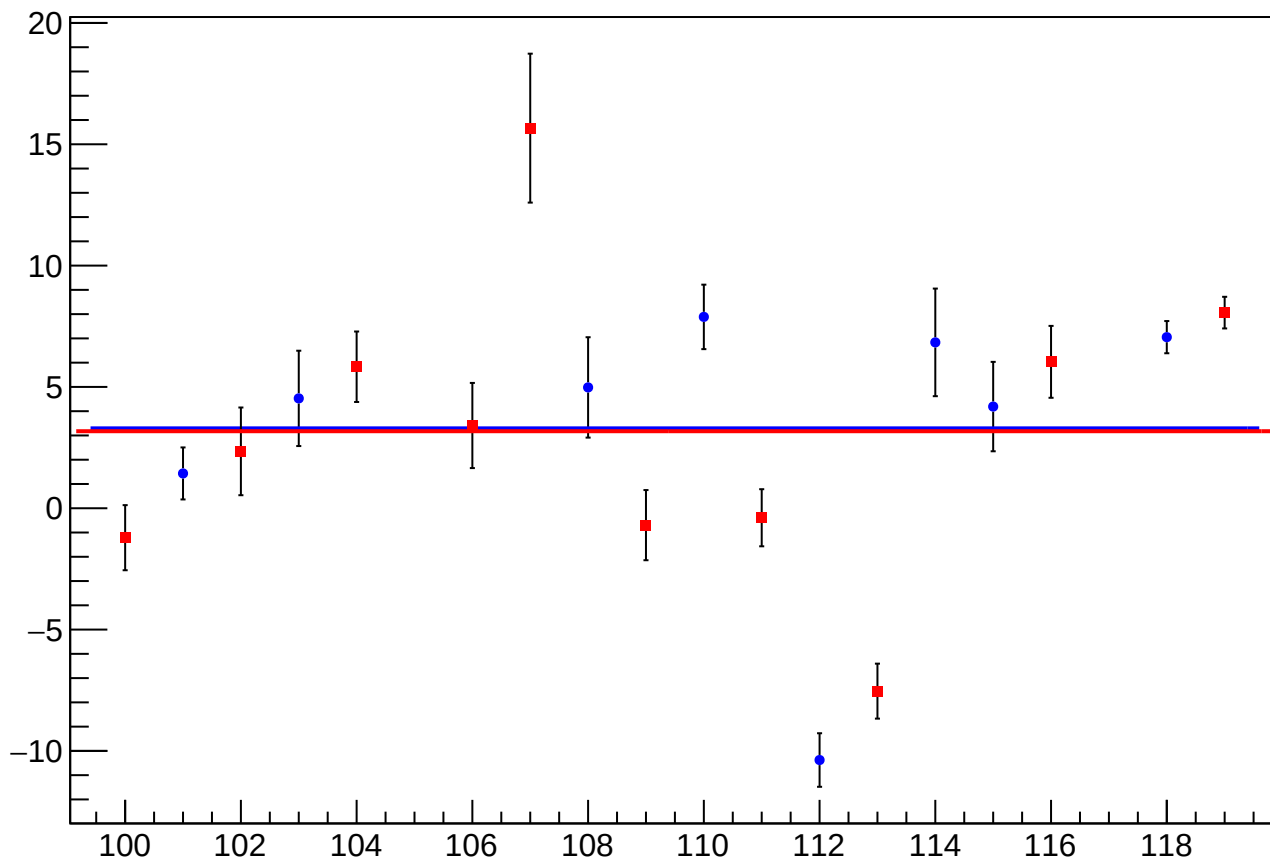
Right: 14.376+/-0.257 χ^2/NDF : 5024.3/17

In: 13.280+/-0.391 χ^2/NDF : 2148.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.376+/-0.257 χ^2/NDF : 5024.3/17

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.292+/-0.426 χ^2/NDF : 204.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.175+/-0.391 χ^2/NDF : 196.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

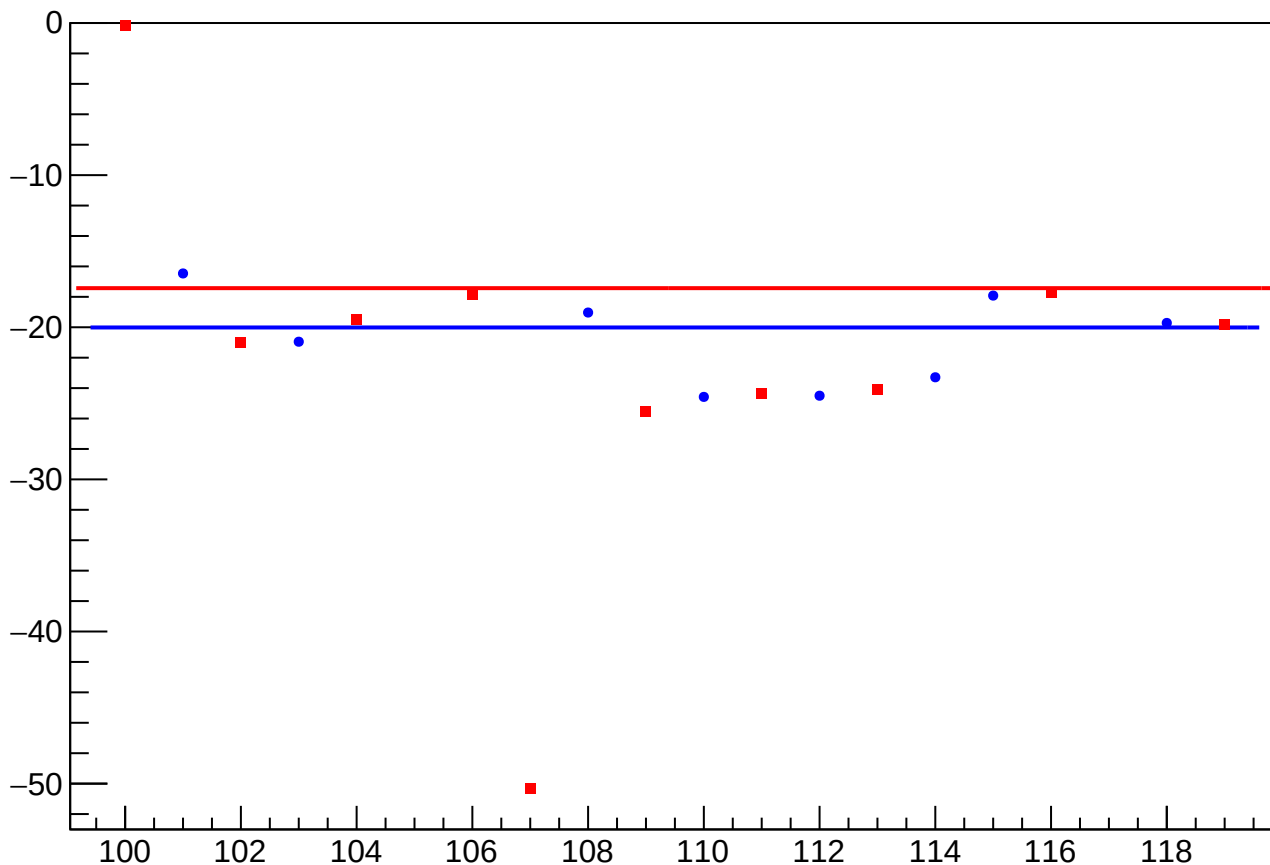
Right: 3.228+/-0.288 χ^2/NDF : 400.8/17

In: 3.292+/-0.426 χ^2/NDF : 204.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.228+/-0.288 χ^2/NDF : 400.8/17

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.014 $\pm$ 0.025 χ^2 /NDF: 13198.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.429 $\pm$ 0.021 χ^2 /NDF: 218234.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

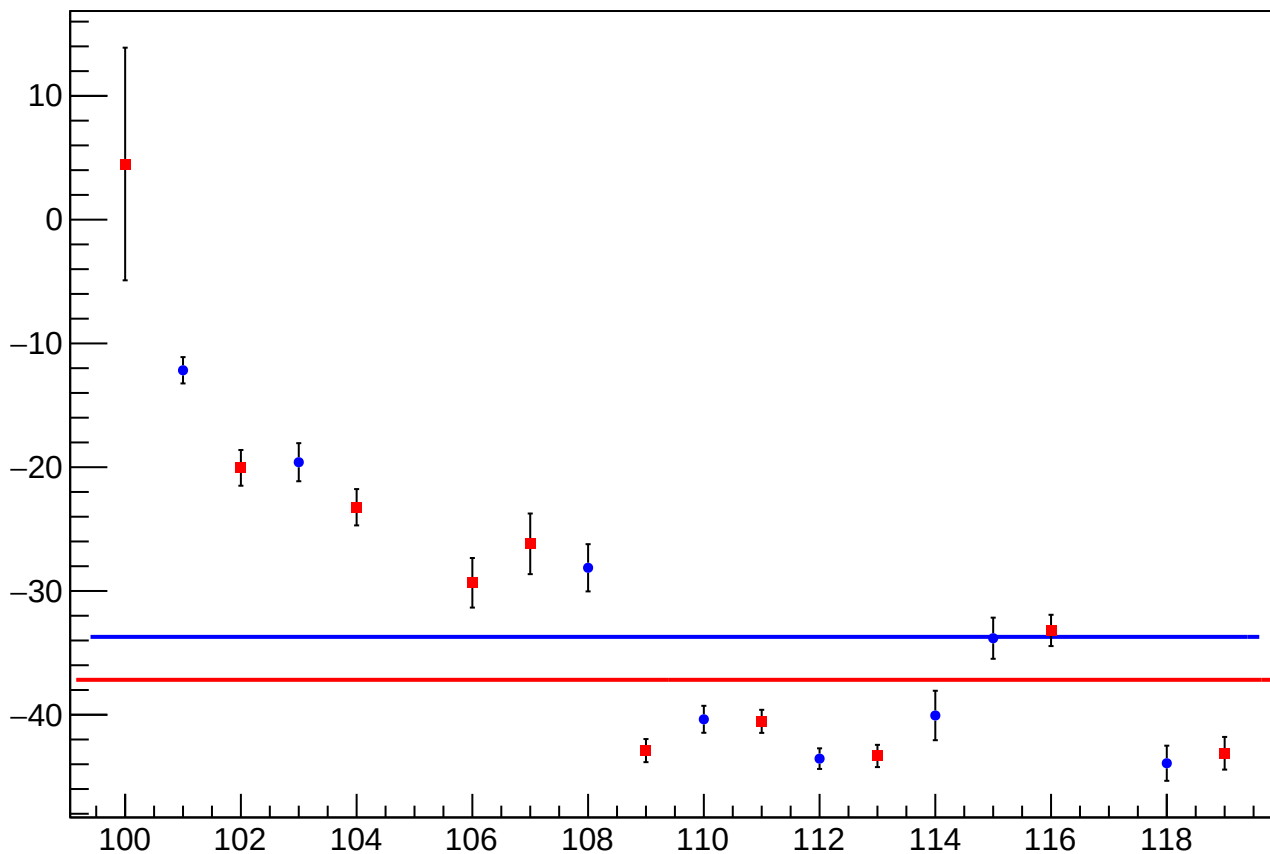
Right: -18.494 $\pm$ 0.016 χ^2 /NDF: 237925.2/17

In: -20.014 $\pm$ 0.025 χ^2 /NDF:13198.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.494 $\pm$ 0.016 χ^2 /NDF: 237925.2/17

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.708+/-0.448 χ^2/NDF : 741.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.178+/-0.405 χ^2/NDF : 413.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

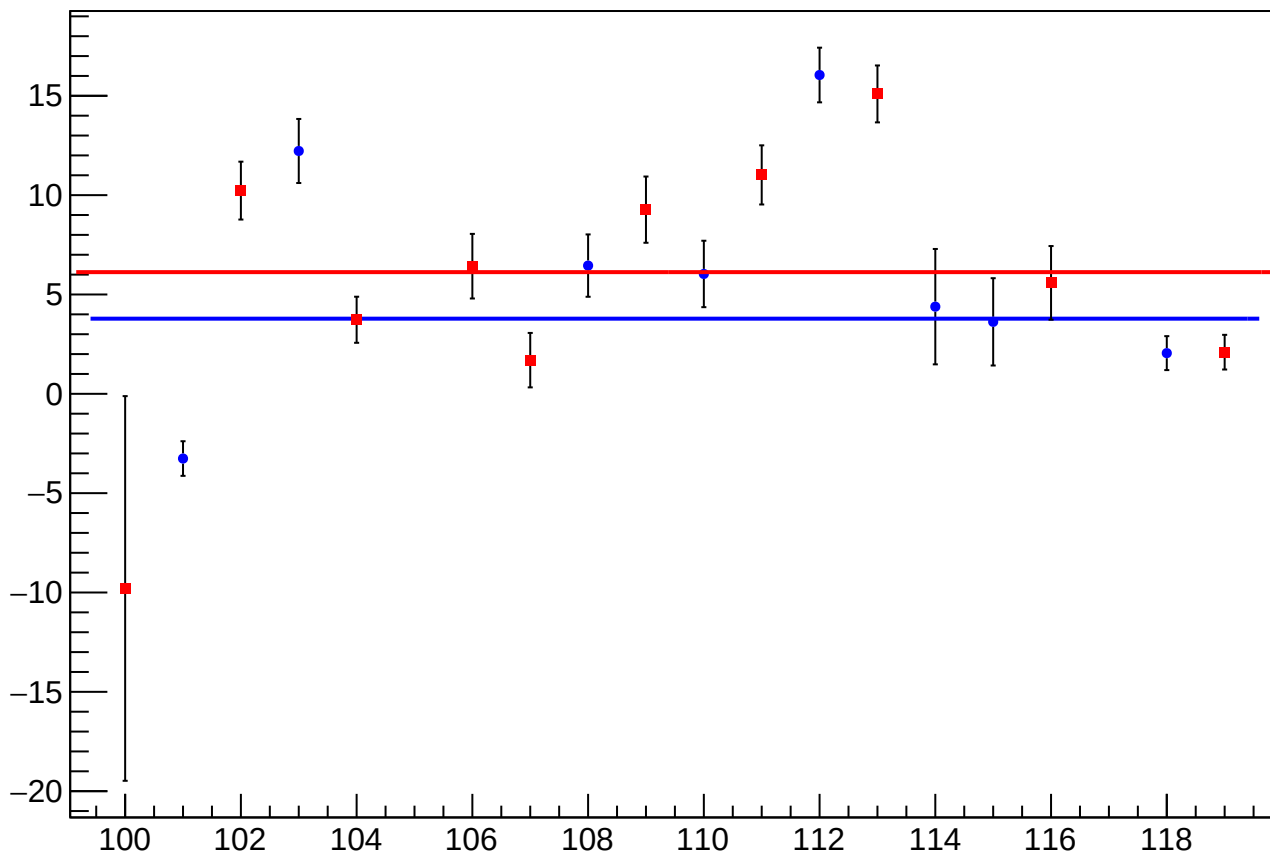
Right: -35.620+/-0.300 χ^2/NDF : 1188.4/17

In: -33.708+/-0.448 χ^2/NDF : 741.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.620+/-0.300 χ^2/NDF : 1188.4/17

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.783+/-0.462 χ^2/NDF : 181.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.125+/-0.445 χ^2/NDF : 100.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

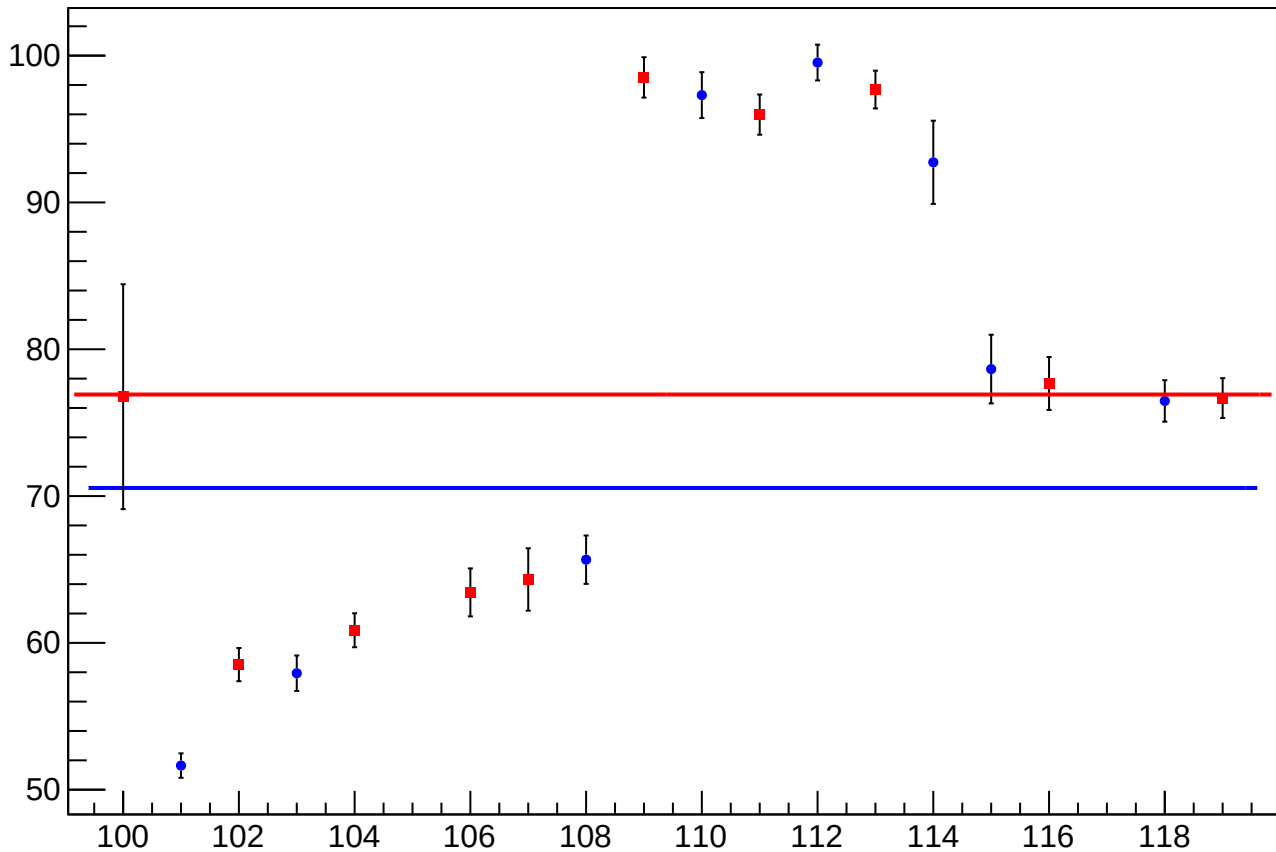
Right: 4.996+/-0.321 χ^2/NDF : 294.7/17

In: 3.783+/-0.462 χ^2/NDF :181.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.996+/-0.321 χ^2/NDF : 294.7/17

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 70.552 $\pm$ 0.477 χ^2 /NDF: 1584.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.917 $\pm$ 0.463 χ^2 /NDF: 1261.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

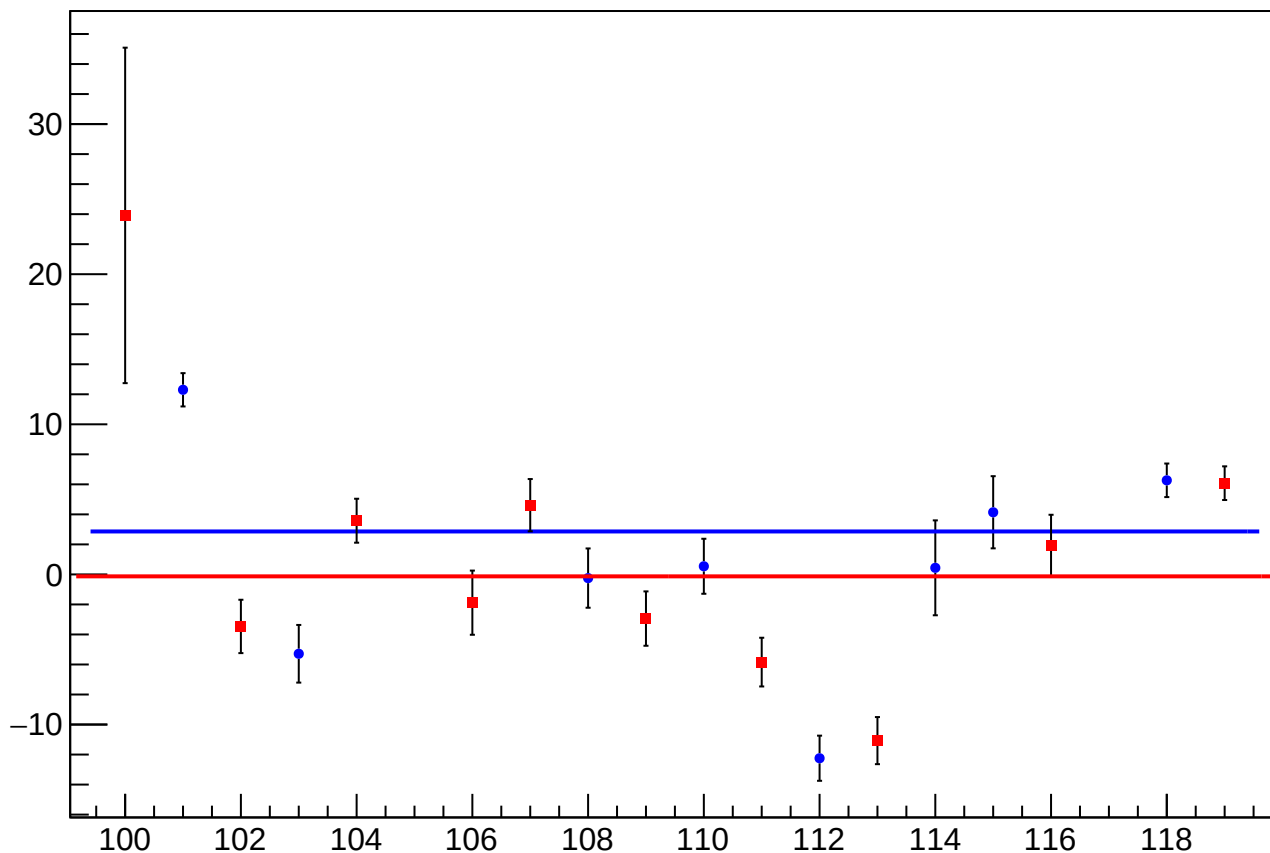
Right: 73.830 $\pm$ 0.332 χ^2 /NDF: 2937.0/17

In: 70.552 $\pm$ 0.477 χ^2 /NDF:1584.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 73.830 $\pm$ 0.332 χ^2 /NDF: 2937.0/17

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.862 $\pm$ 0.563 χ^2 /NDF: 205.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.129 $\pm$ 0.537 χ^2 /NDF: 117.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

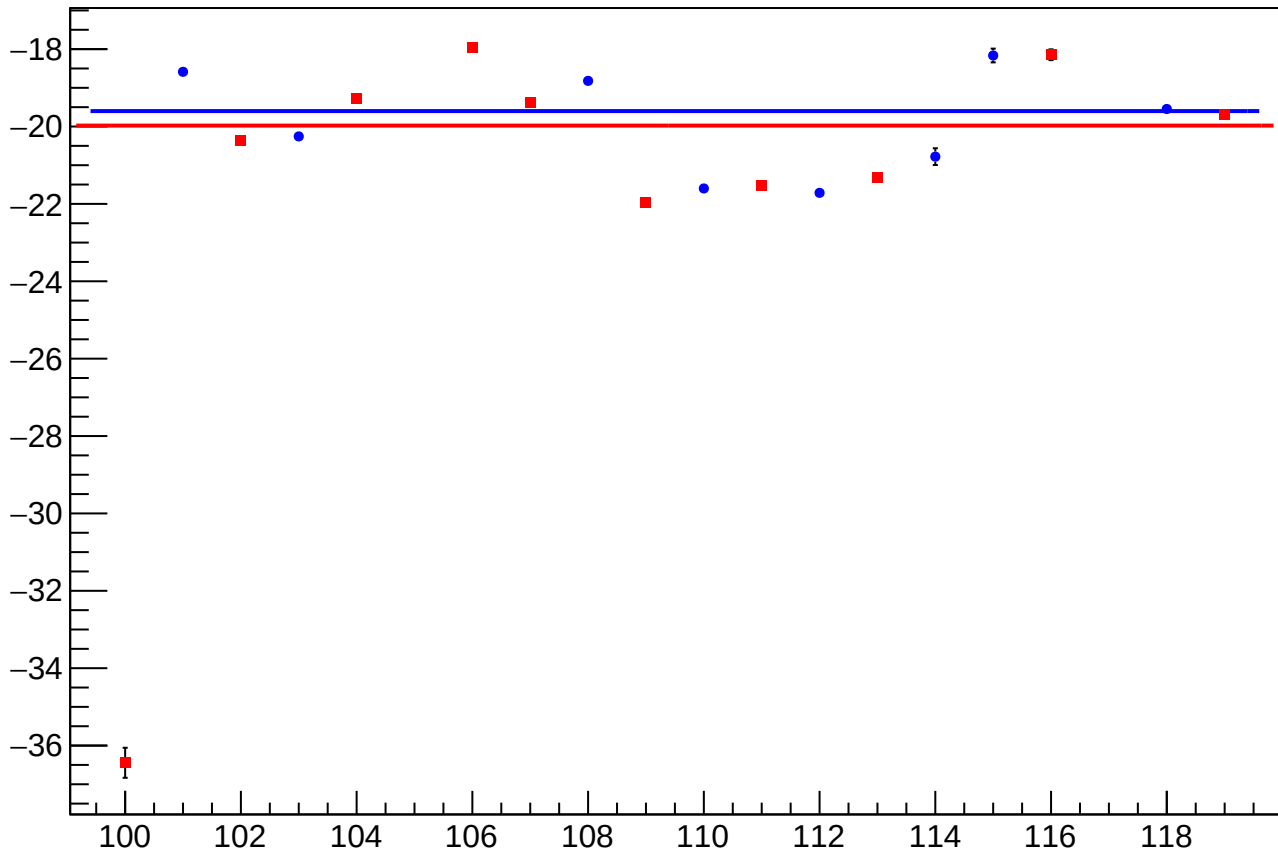
Right: 1.296 $\pm$ 0.389 χ^2 /NDF: 338.0/17

In: 2.862 $\pm$ 0.563 χ^2 /NDF:205.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.296 $\pm$ 0.389 χ^2 /NDF: 338.0/17

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.601 $\pm$ 0.027 χ^2 /NDF: 1545.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.976 $\pm$ 0.026 χ^2 /NDF: 3759.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

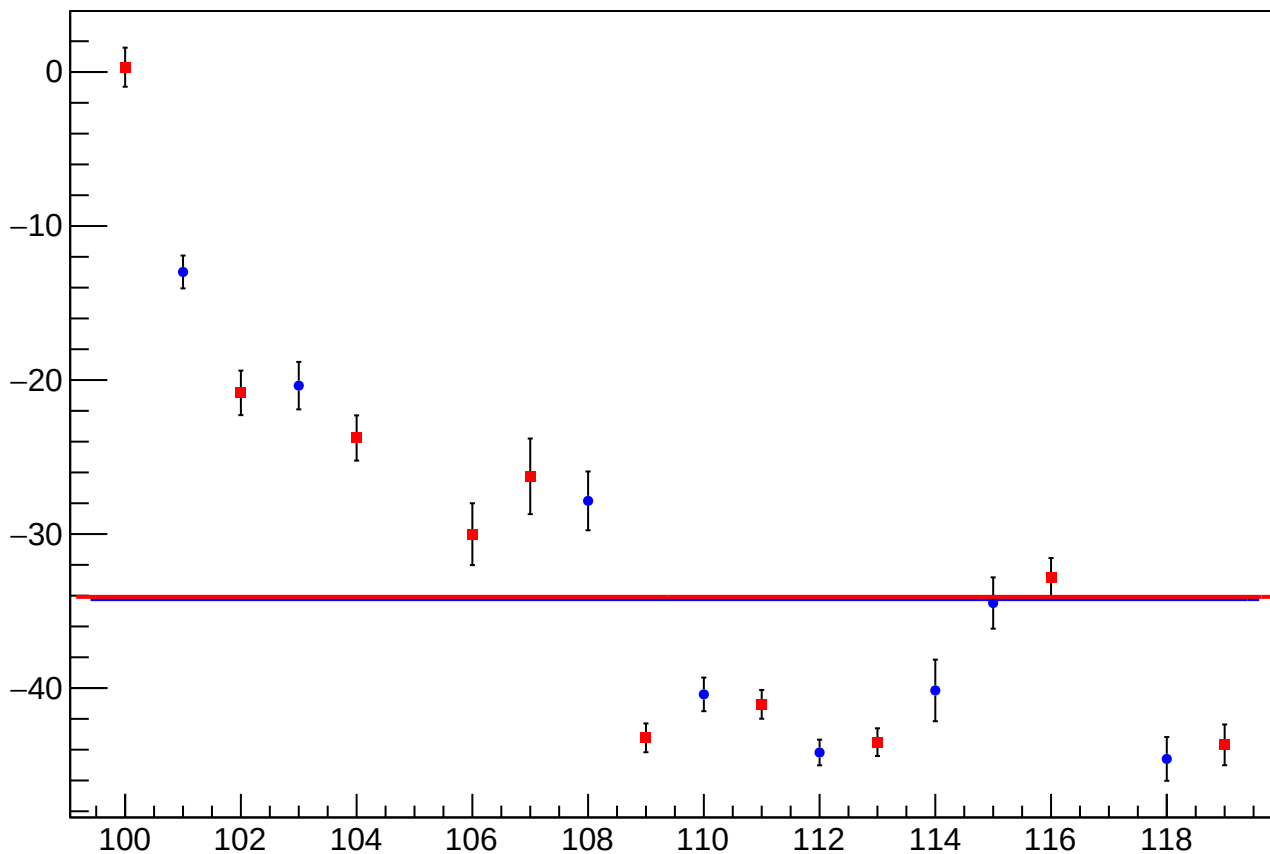
Right: -19.799 $\pm$ 0.019 χ^2 /NDF: 5402.5/17

In: -19.601 $\pm$ 0.027 χ^2 /NDF:1545.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.799 $\pm$ 0.019 χ^2 /NDF: 5402.5/17

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.224+/-0.449 χ^2/NDF : 726.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.077+/-0.386 χ^2/NDF : 1198.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

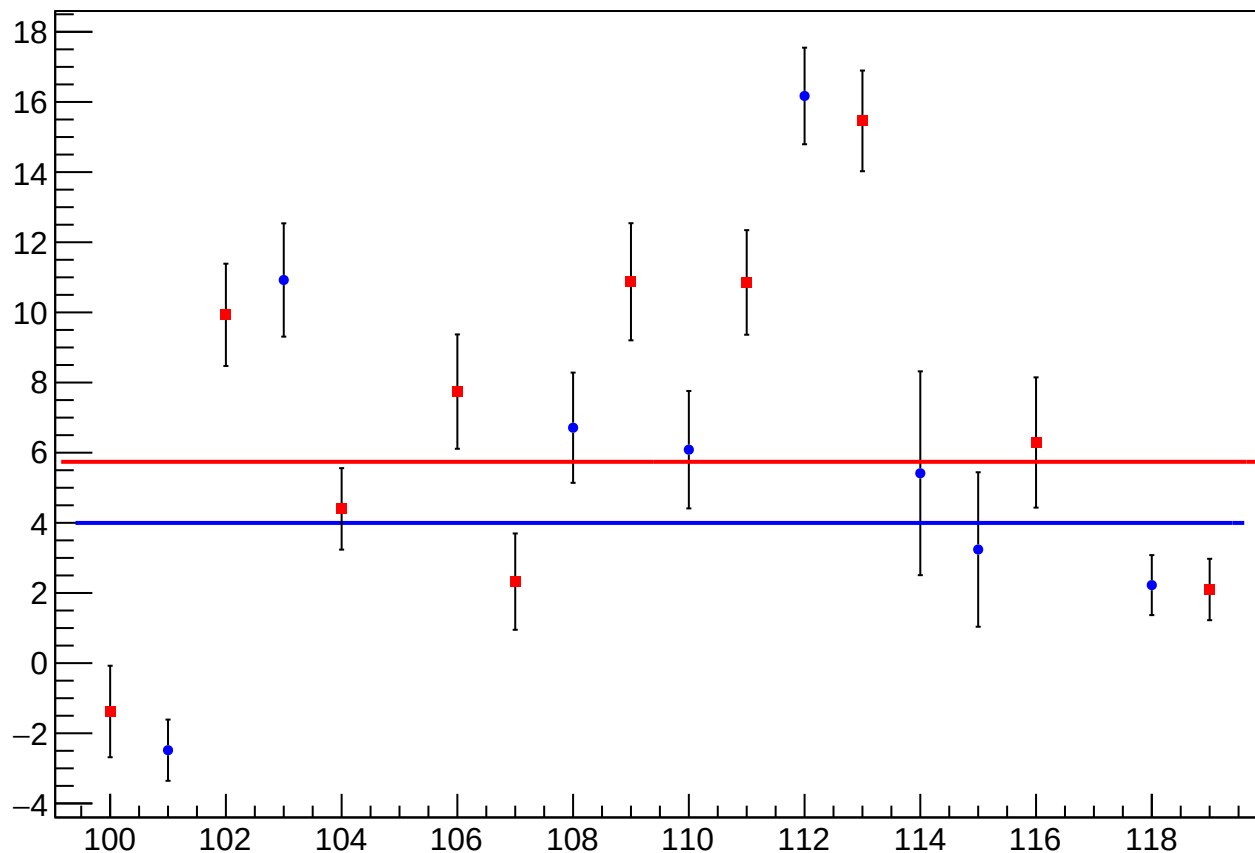
Right: -34.140+/-0.293 χ^2/NDF : 1925.4/17

In: -34.224+/-0.449 χ^2/NDF : 726.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.140+/-0.293 χ^2/NDF : 1925.4/17

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.997 $\pm$ 0.462 χ^2 /NDF: 160.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.740 $\pm$ 0.423 χ^2 /NDF: 131.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

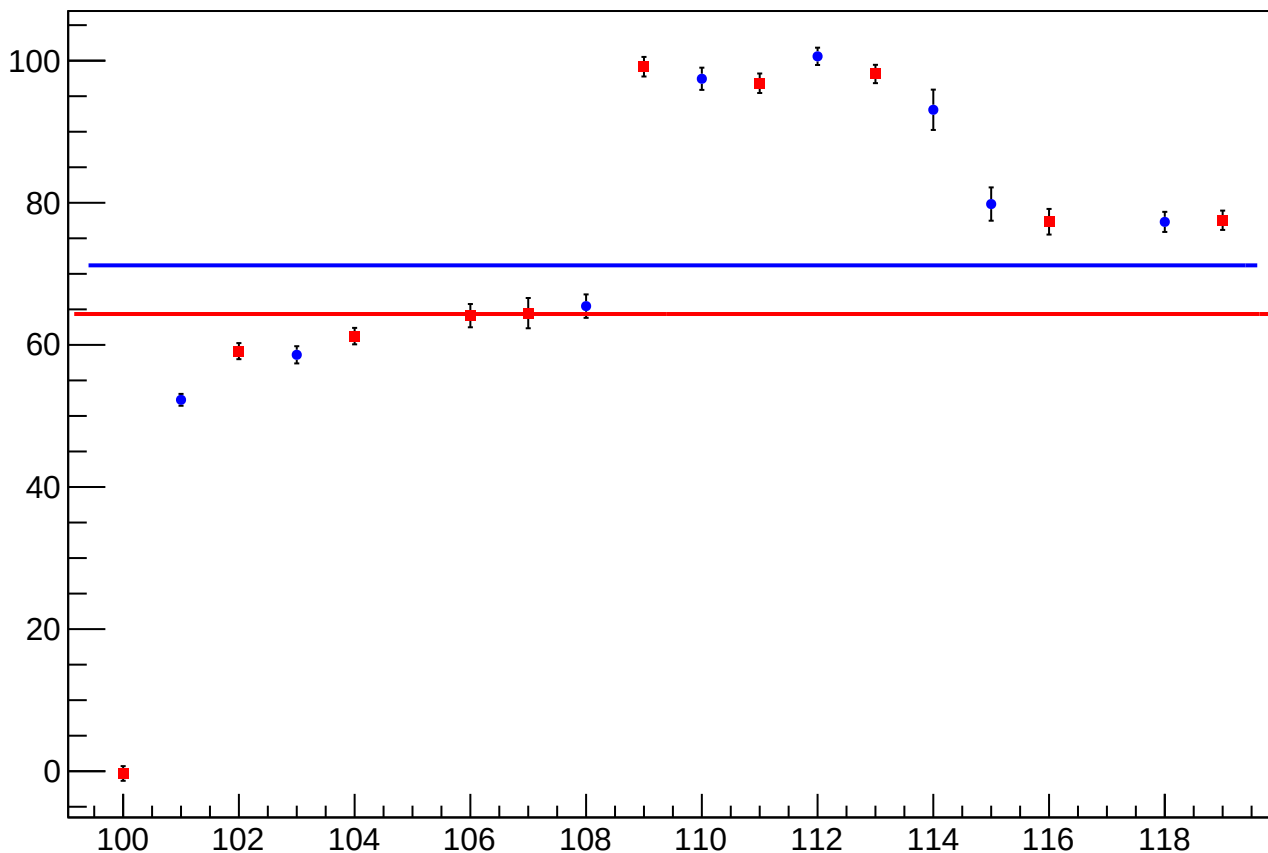
Right: 4.947 $\pm$ 0.312 χ^2 /NDF: 300.2/17

In: 3.997 $\pm$ 0.462 χ^2 /NDF:160.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.947 $\pm$ 0.312 χ^2 /NDF: 300.2/17

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.194+/-0.478 χ^2/NDF : 1591.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.347+/-0.424 χ^2/NDF : 5976.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

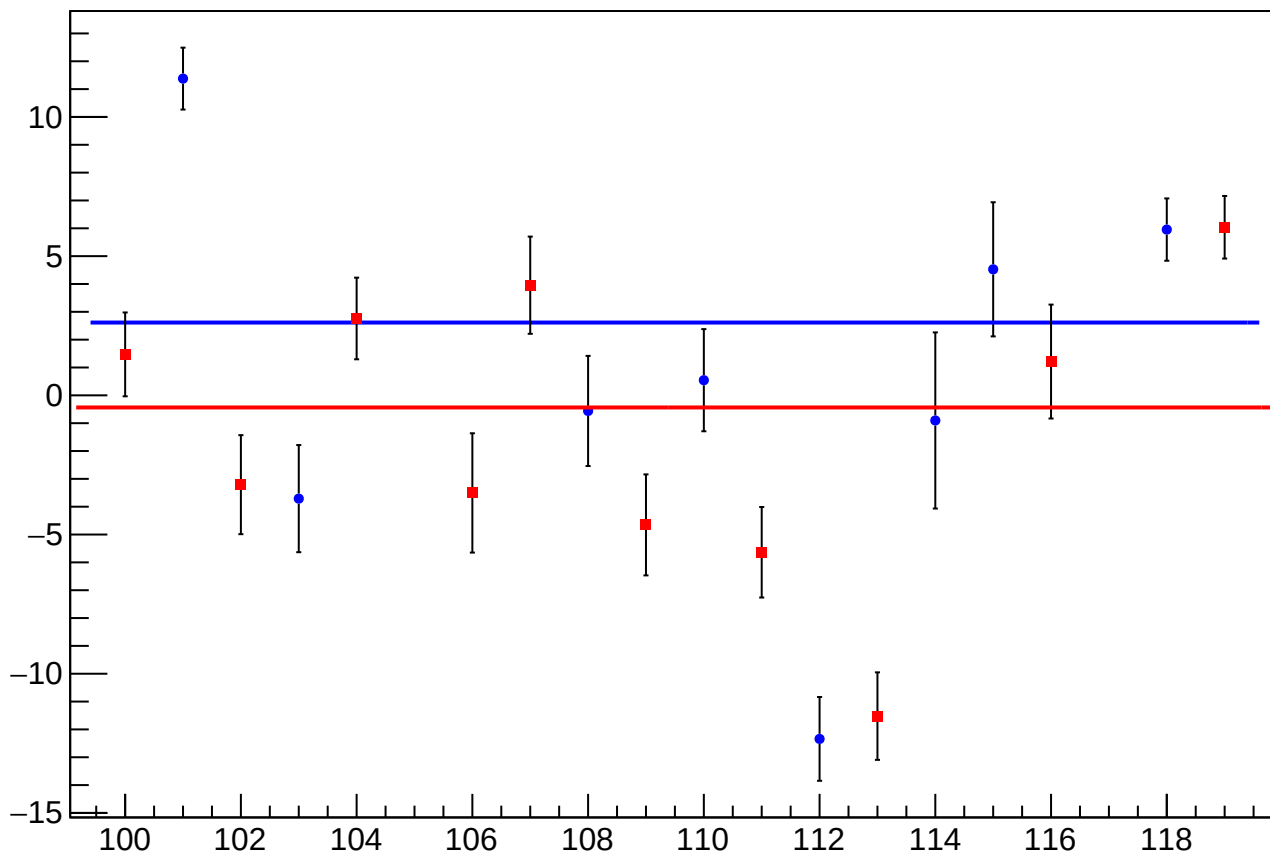
Right: 67.361+/-0.317 χ^2/NDF : 7682.4/17

In: 71.194+/-0.478 χ^2/NDF : 1591.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.361+/-0.317 χ^2/NDF : 7682.4/17

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.615 $\pm$ 0.564 χ^2 /NDF: 186.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.436 $\pm$ 0.507 χ^2 /NDF: 116.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

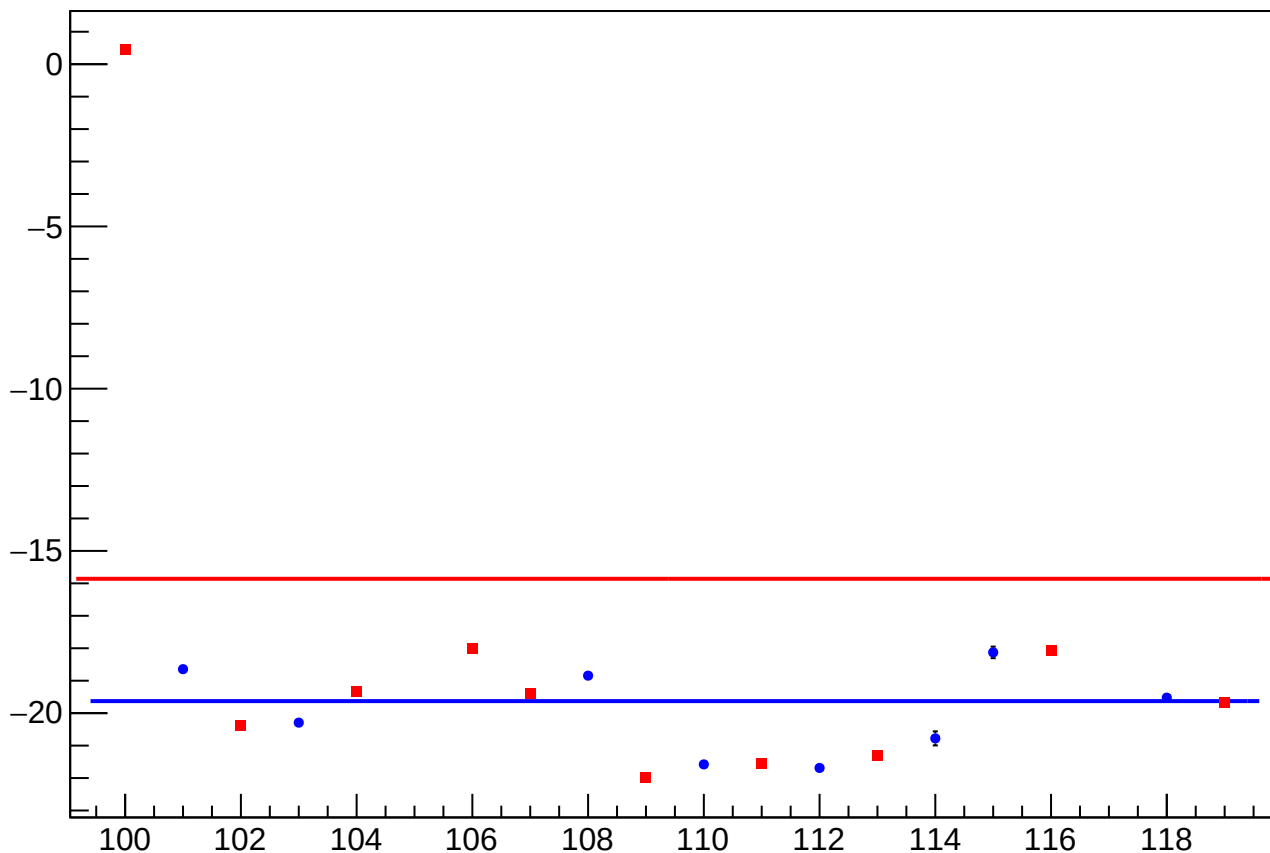
Right: 0.929 $\pm$ 0.377 χ^2 /NDF: 318.9/17

In: 2.615 $\pm$ 0.564 χ^2 /NDF:186.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.929 $\pm$ 0.377 χ^2 /NDF: 318.9/17

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.629+/-0.028 χ^2/NDF : 1491.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.859+/-0.023 χ^2/NDF : 123398.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

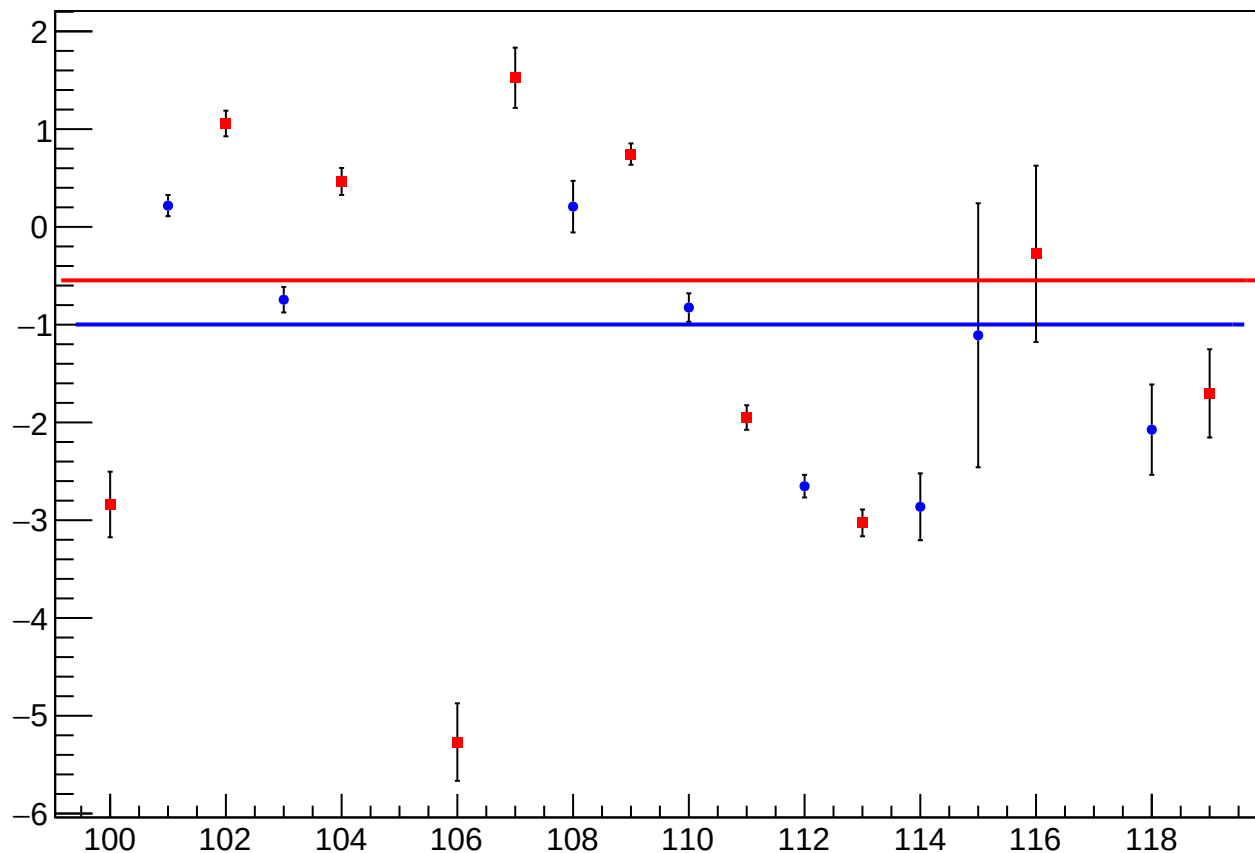
Right: -17.438+/-0.018 χ^2/NDF : 135784.6/17

In: -19.629+/-0.028 χ^2/NDF : 1491.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.438+/-0.018 χ^2/NDF : 135784.6/17

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.998 ± 0.058 χ^2/NDF : 391.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.547 ± 0.054 χ^2/NDF : 1036.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

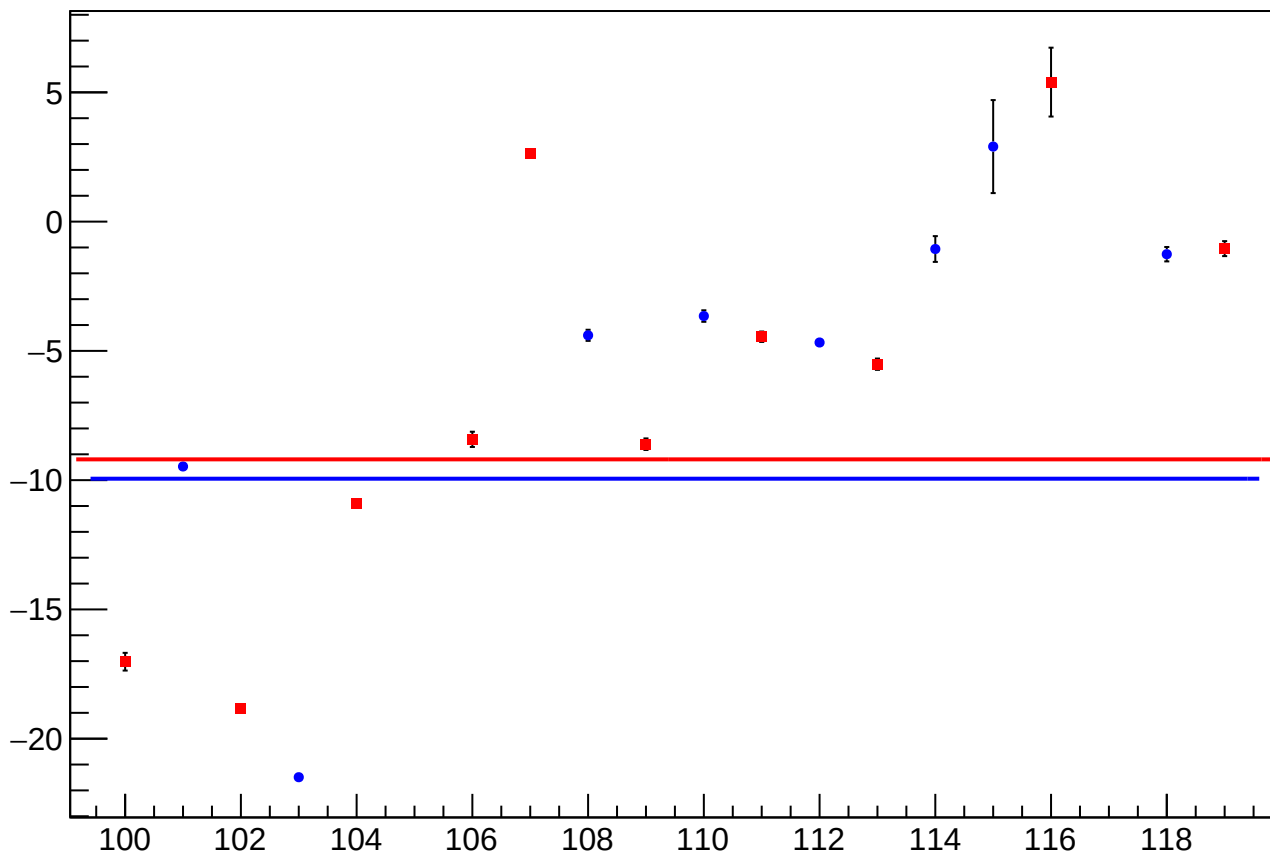
Right: -0.755 ± 0.040 χ^2/NDF : 1460.2/17

In: -0.998 ± 0.058 χ^2/NDF : 391.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.755 ± 0.040 χ^2/NDF : 1460.2/17

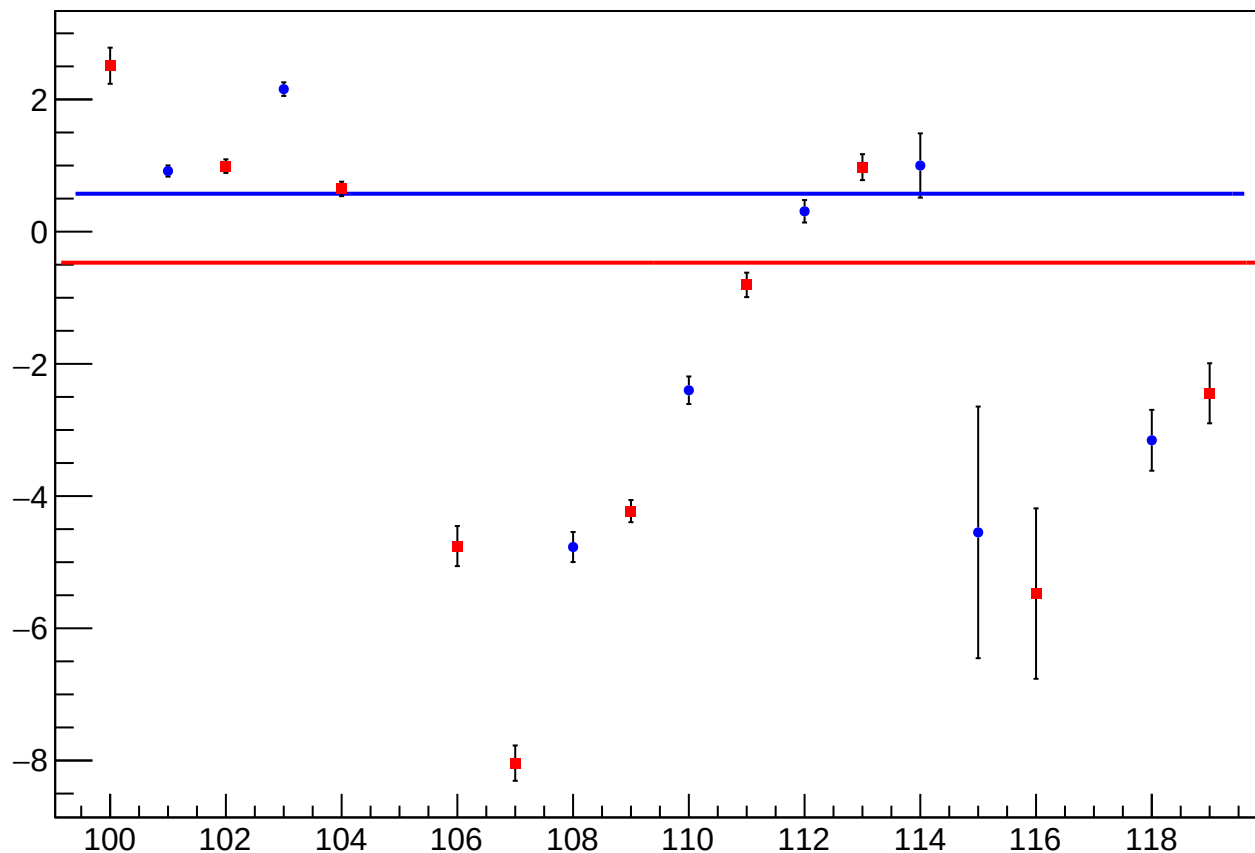
reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -9.944+/-0.061 χ^2/NDF : 10501.3/7
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -9.196+/-0.062 χ^2/NDF : 12060.9/9
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -9.575+/-0.044 χ^2/NDF : 22635.3/17
 In: -9.944+/-0.061 χ^2/NDF :10501.3/7
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -9.575+/-0.044 χ^2/NDF : 22635.3/17

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.574+/-0.056 χ^2/NDF : 1083.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.469+/-0.057 χ^2/NDF : 2023.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

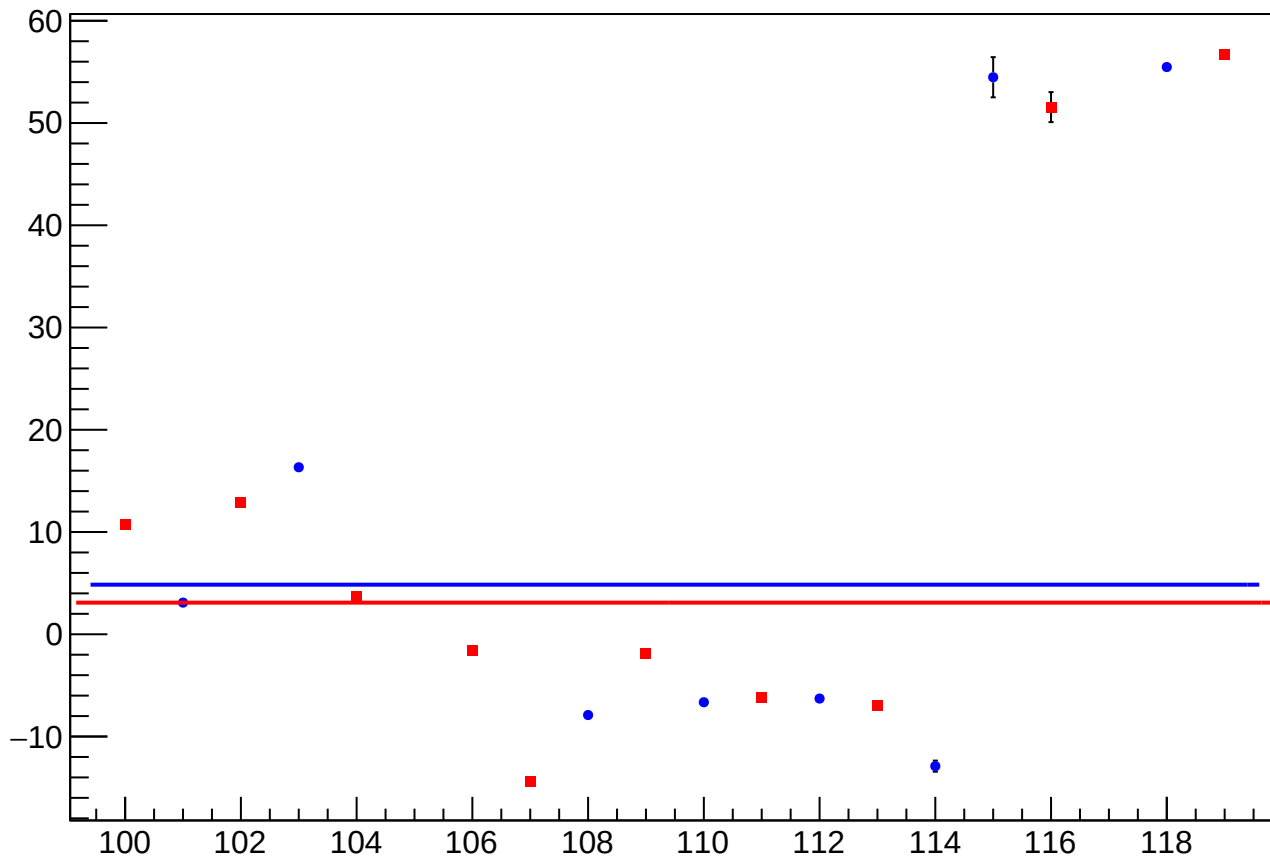
Right: 0.059+/-0.040 χ^2/NDF : 3279.1/17

In: 0.574+/-0.056 χ^2/NDF : 1083.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.040 χ^2/NDF : 3279.1/17

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.850+/-0.074 χ^2/NDF : 33398.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.095+/-0.074 χ^2/NDF : 36142.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

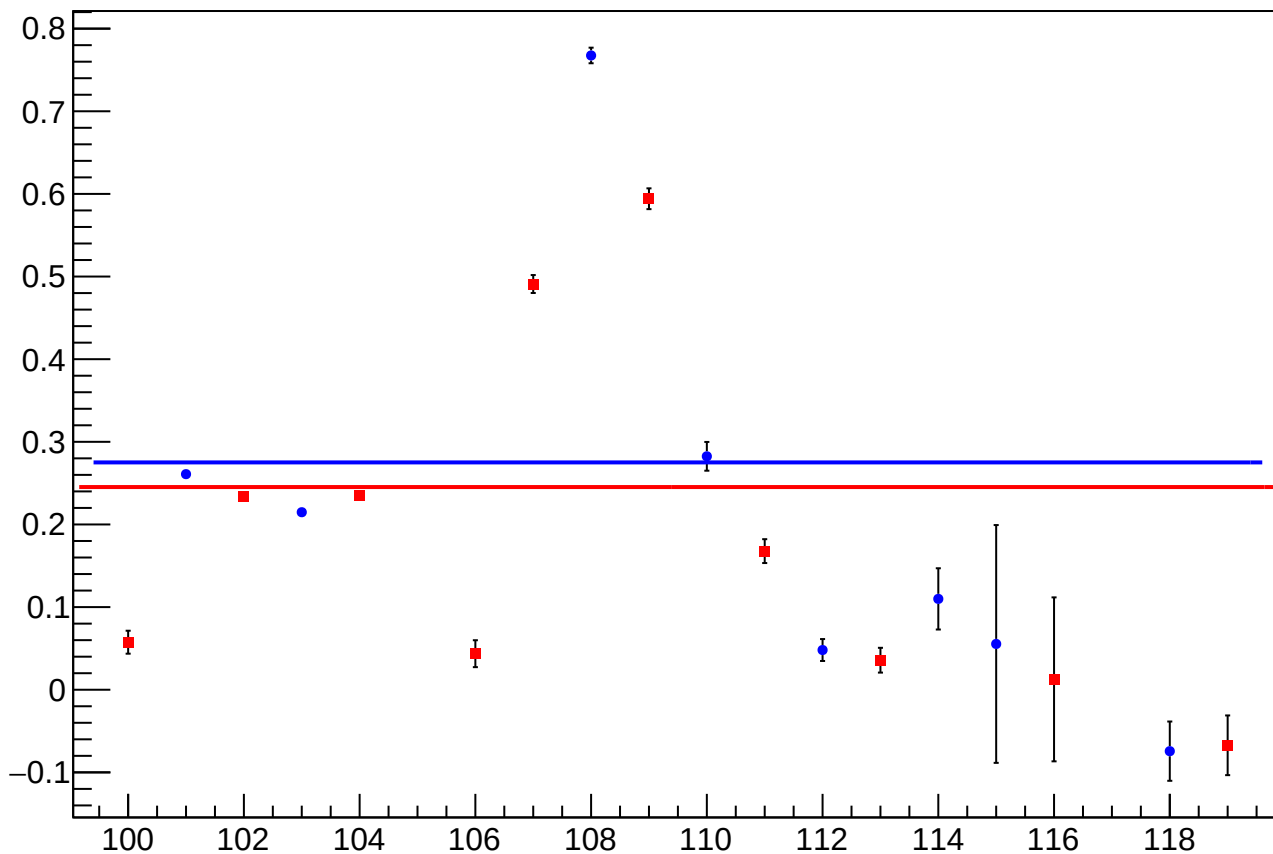
Right: 3.973+/-0.053 χ^2/NDF : 69819.9/17

In: 4.850+/-0.074 χ^2/NDF : 33398.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.973+/-0.053 χ^2/NDF : 69819.9/17

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.275+/-0.003 χ^2/NDF : 3344.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.245+/-0.003 χ^2/NDF : 1932.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

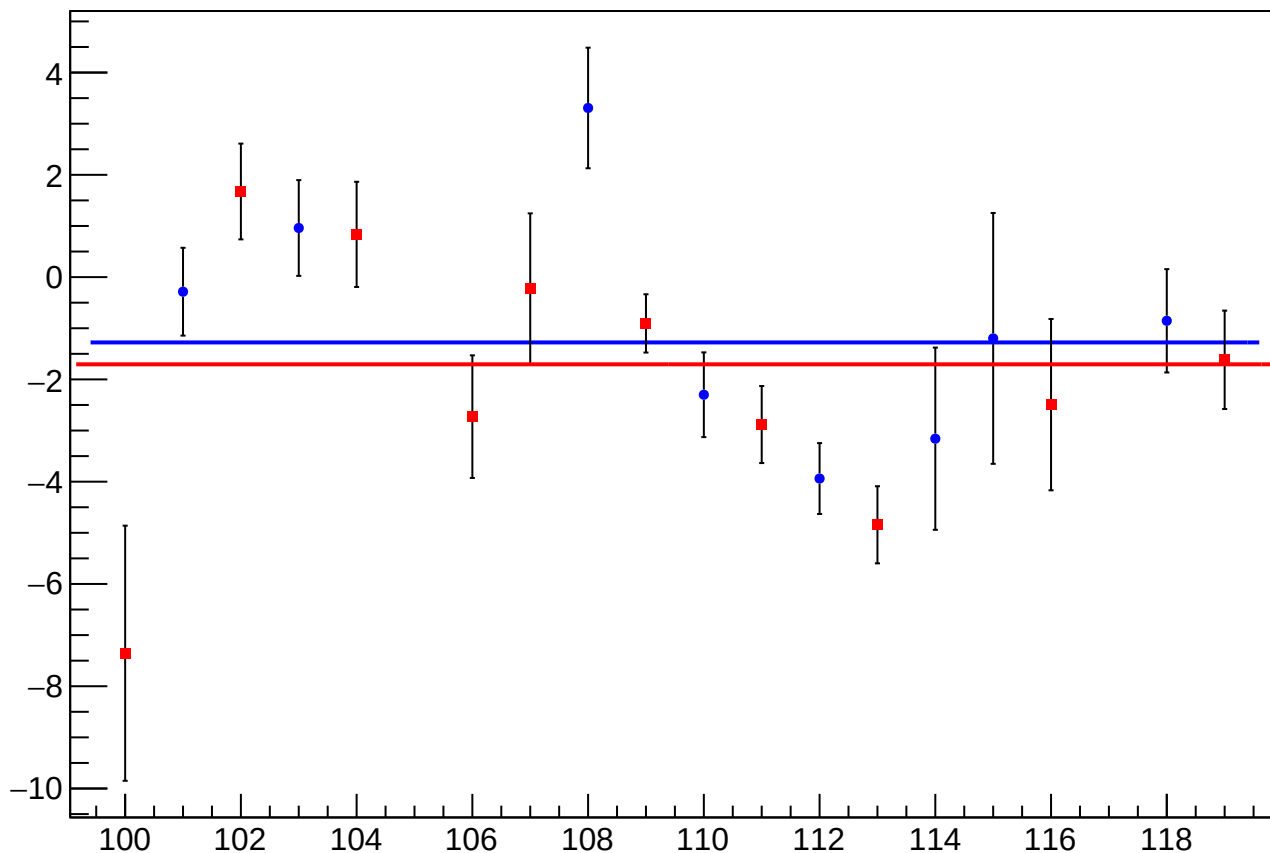
Right: 0.260+/-0.002 χ^2/NDF : 5330.3/17

In: 0.275+/-0.003 χ^2/NDF : 3344.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.260+/-0.002 χ^2/NDF : 5330.3/17

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.277+/-0.349 χ^2/NDF : 39.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.705+/-0.296 χ^2/NDF : 48.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

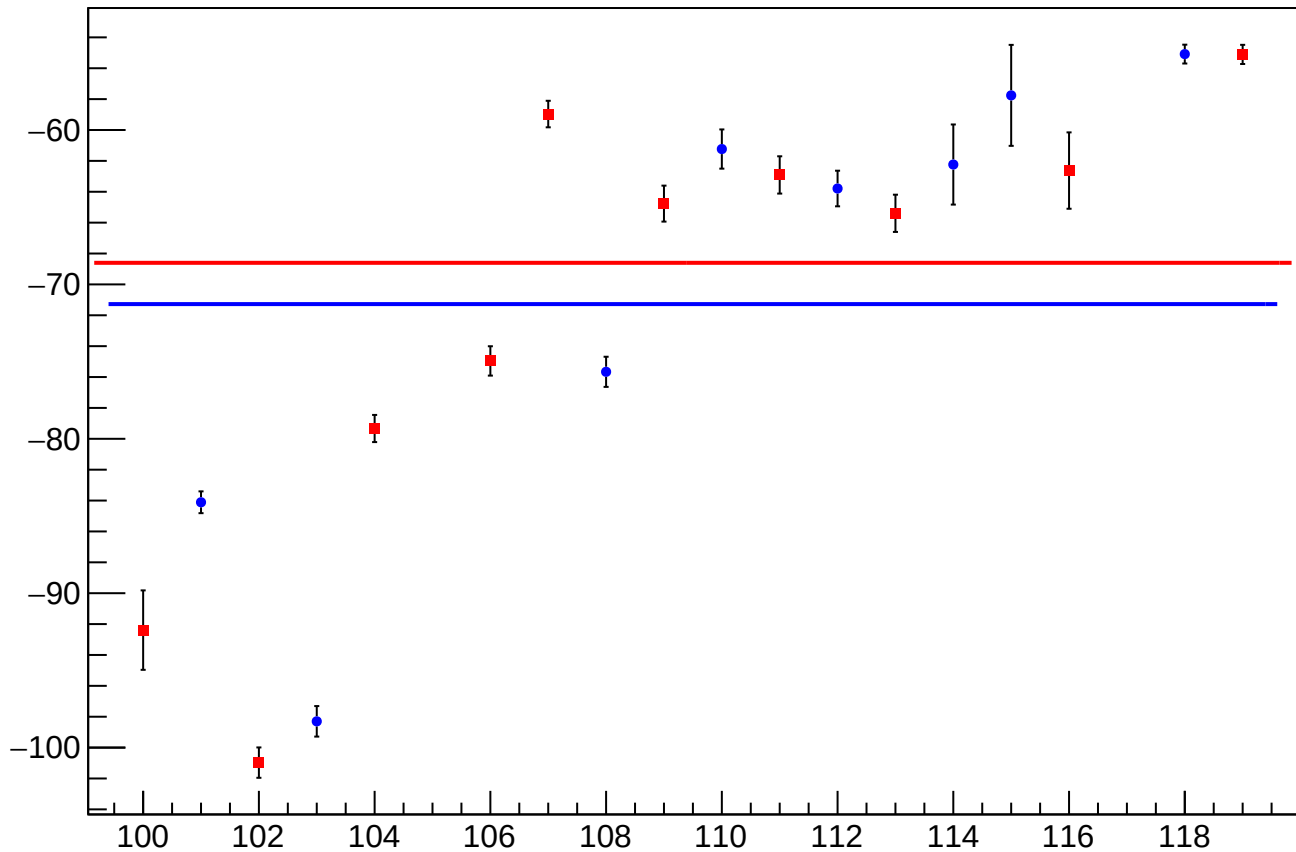
Right: -1.526+/-0.226 χ^2/NDF : 88.6/17

In: -1.277+/-0.349 χ^2/NDF :39.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.526+/-0.226 χ^2/NDF : 88.6/17

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -71.276 $\pm$ 0.345 χ^2 /NDF: 1936.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.602 $\pm$ 0.319 χ^2 /NDF: 2007.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

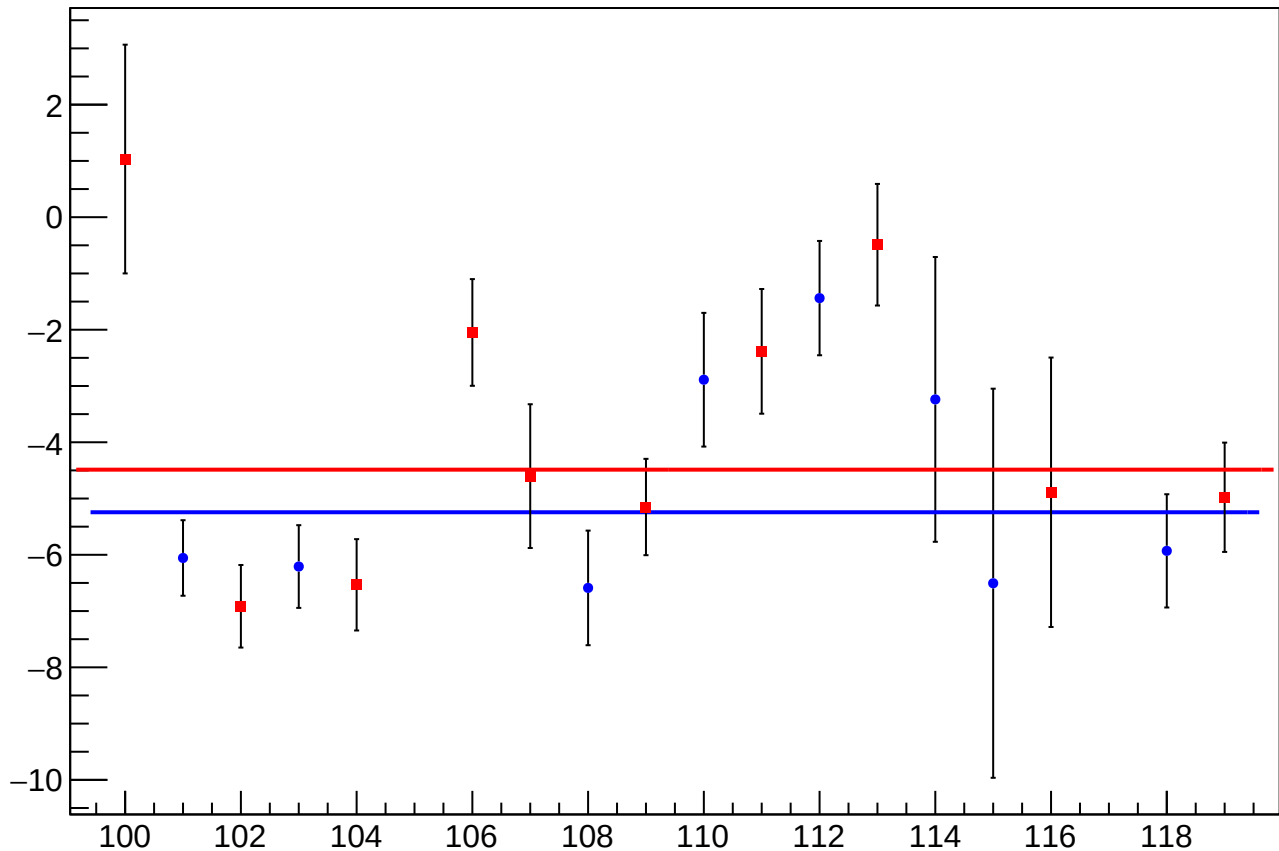
Right: -69.834 $\pm$ 0.234 χ^2 /NDF: 3976.3/17

In: -71.276 $\pm$ 0.345 χ^2 /NDF:1936.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.834 $\pm$ 0.234 χ^2 /NDF: 3976.3/17

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.244+/-0.355 χ^2/NDF : 24.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.487+/-0.323 χ^2/NDF : 49.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

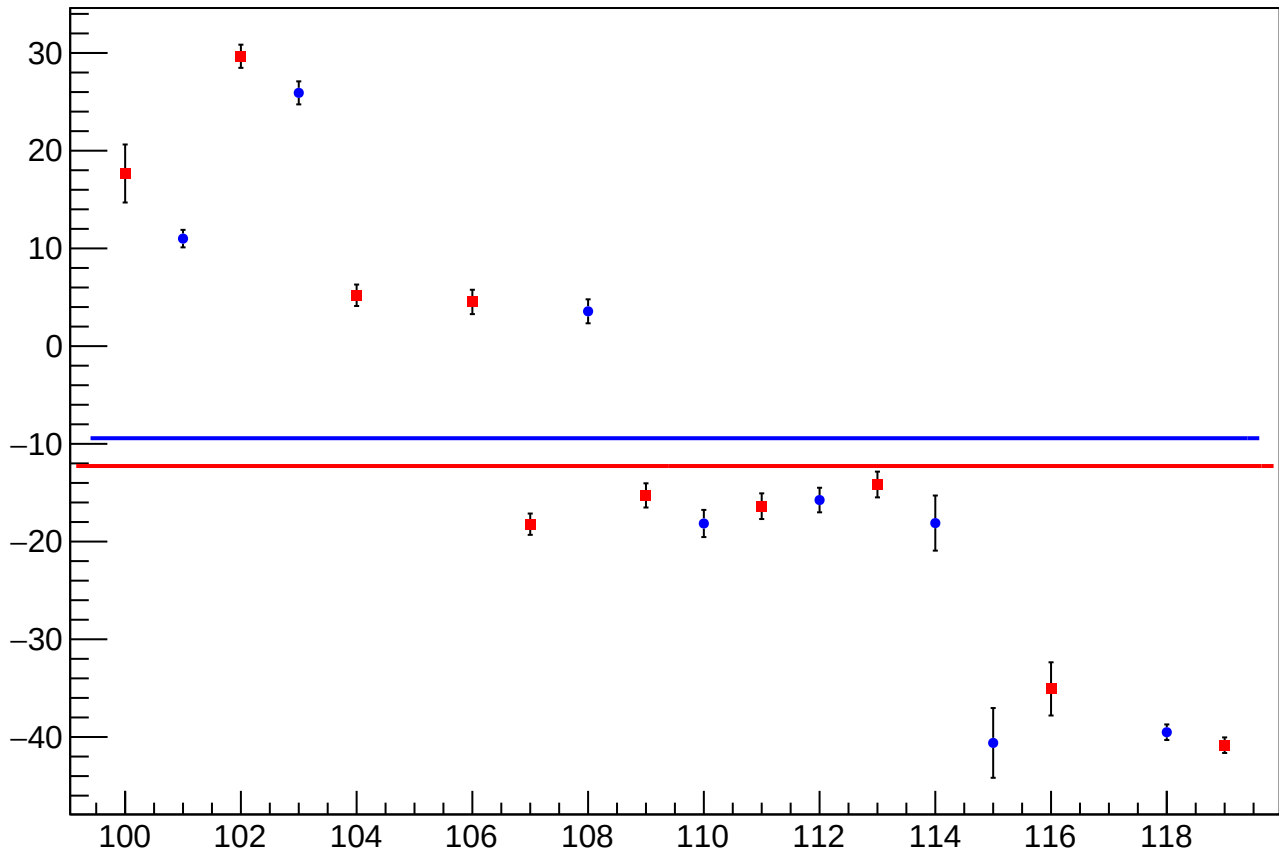
Right: -4.829+/-0.239 χ^2/NDF : 76.1/17

In: -5.244+/-0.355 χ^2/NDF : 24.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.829+/-0.239 χ^2/NDF : 76.1/17

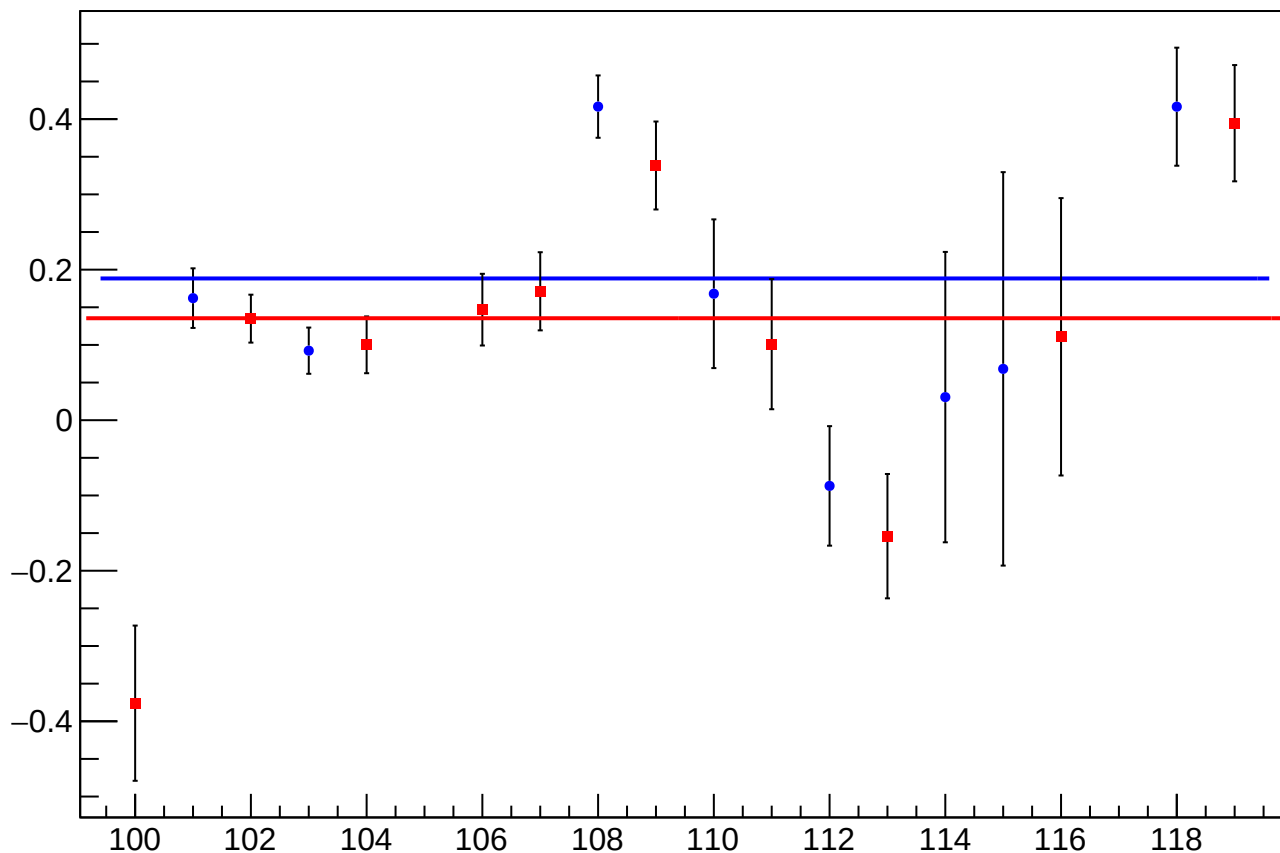
reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.423+/-0.424 χ^2 /NDF: 3110.2/7
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -12.269+/-0.388 χ^2 /NDF: 3188.1/9
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -10.973+/-0.286 χ^2 /NDF: 6322.9/17
 In: -9.423+/-0.424 χ^2 /NDF:3110.2/7
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -10.973+/-0.286 χ^2 /NDF: 6322.9/17

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.188+/-0.019 χ^2/NDF : 62.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.135+/-0.017 χ^2/NDF : 61.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

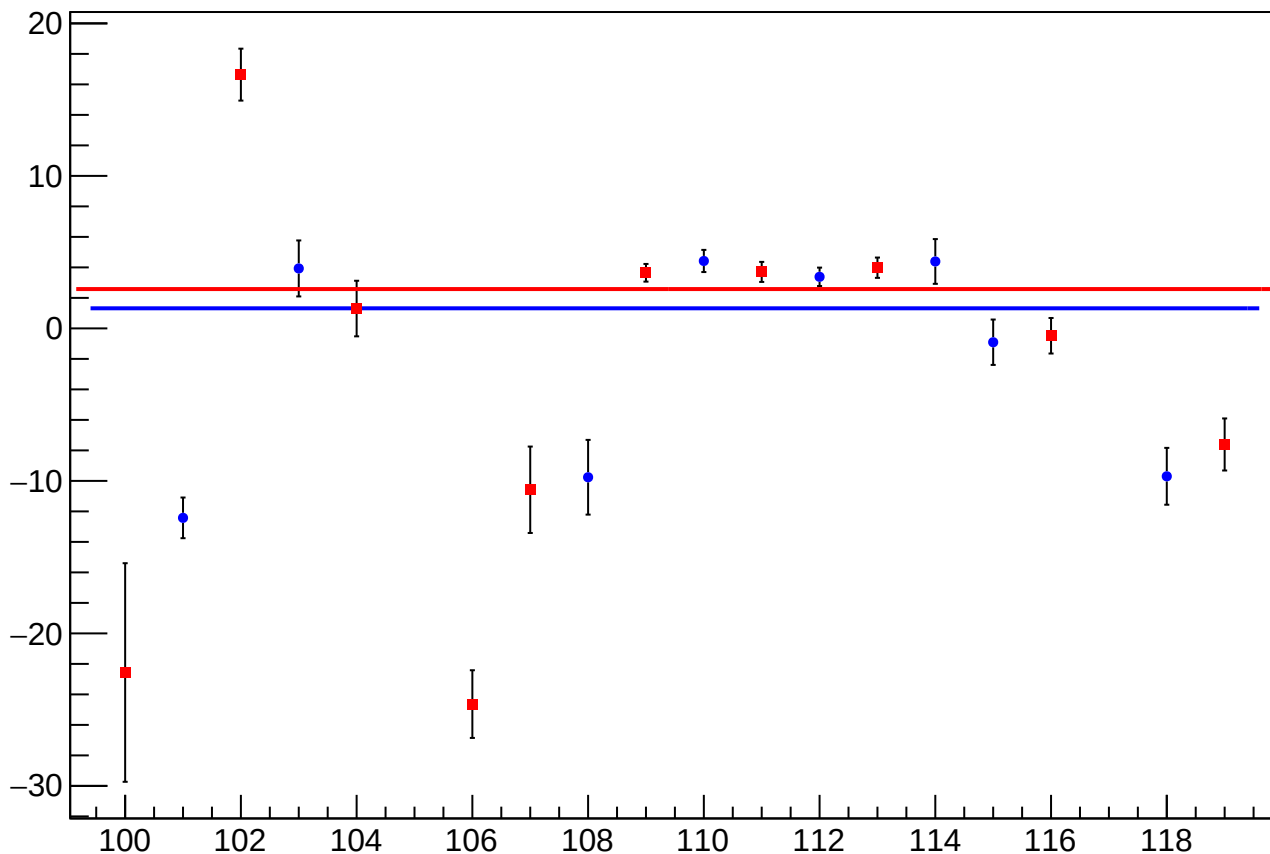
Right: 0.159+/-0.013 χ^2/NDF : 128.1/17

In: 0.188+/-0.019 χ^2/NDF : 62.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.159+/-0.013 χ^2/NDF : 128.1/17

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.317+/-0.382 χ^2/NDF : 200.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.579+/-0.322 χ^2/NDF : 306.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

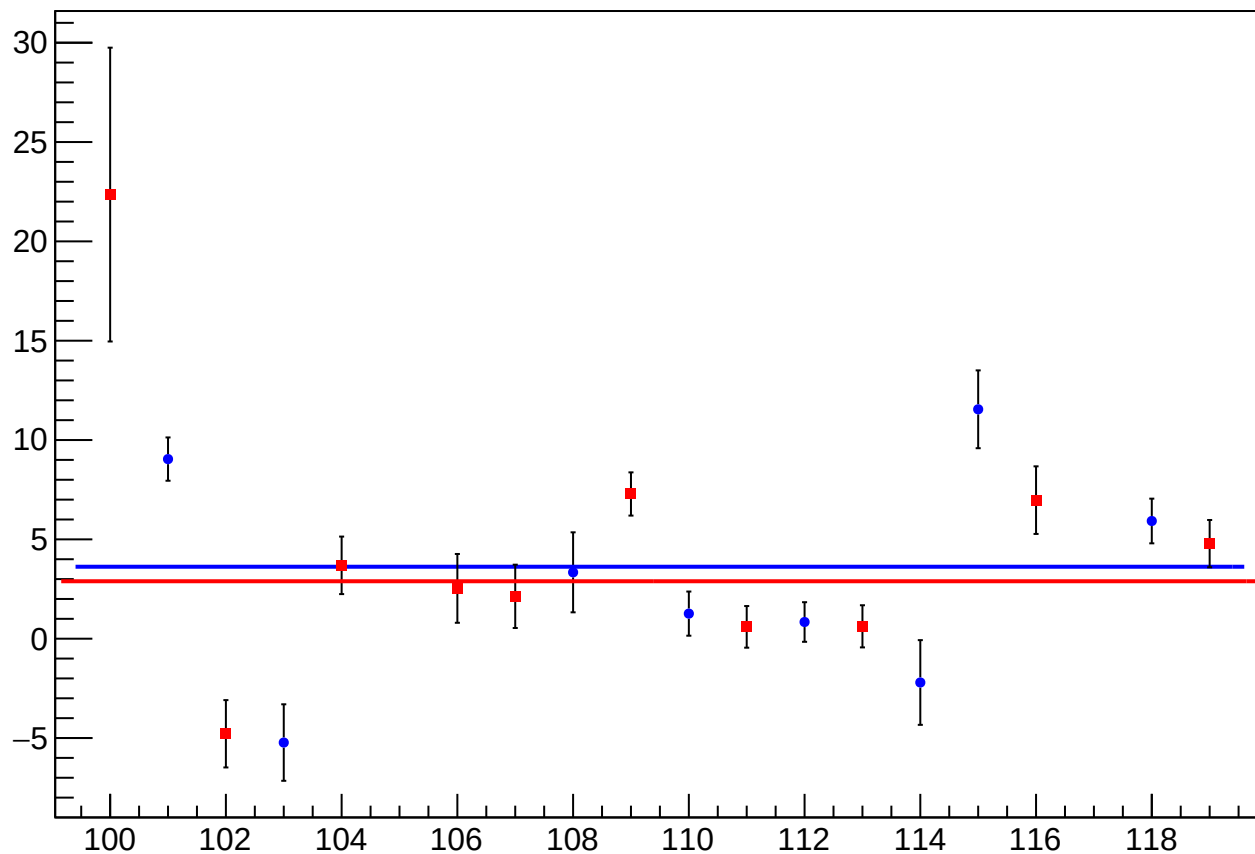
Right: 2.054+/-0.246 χ^2/NDF : 512.8/17

In: 1.317+/-0.382 χ^2/NDF : 200.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.054+/-0.246 χ^2/NDF : 512.8/17

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.622+/-0.474 χ^2/NDF : 86.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.892+/-0.436 χ^2/NDF : 62.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

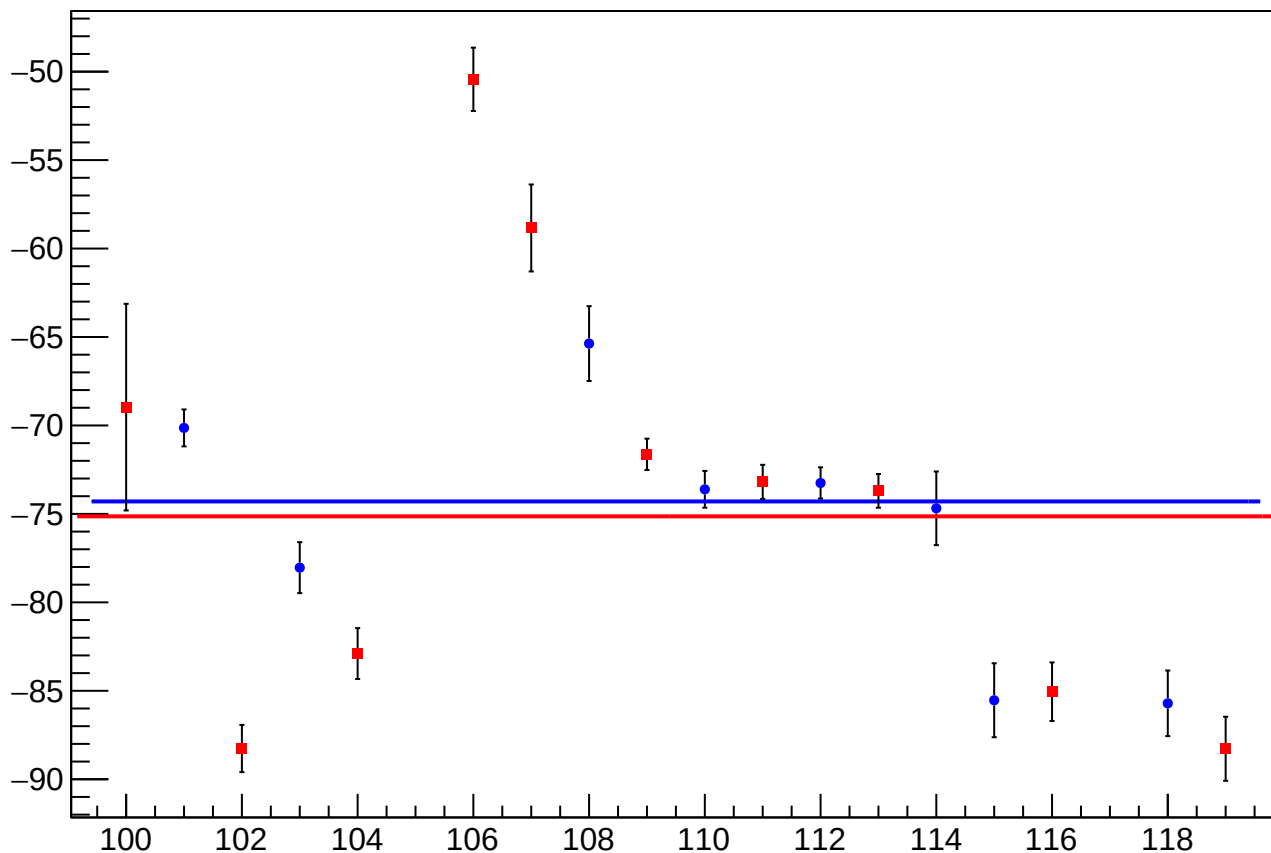
Right: 3.226+/-0.321 χ^2/NDF : 149.5/17

In: 3.622+/-0.474 χ^2/NDF : 86.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.226+/-0.321 χ^2/NDF : 149.5/17

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -74.295 $\pm$ 0.467 χ^2 /NDF: 109.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -75.138 $\pm$ 0.420 χ^2 /NDF: 472.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

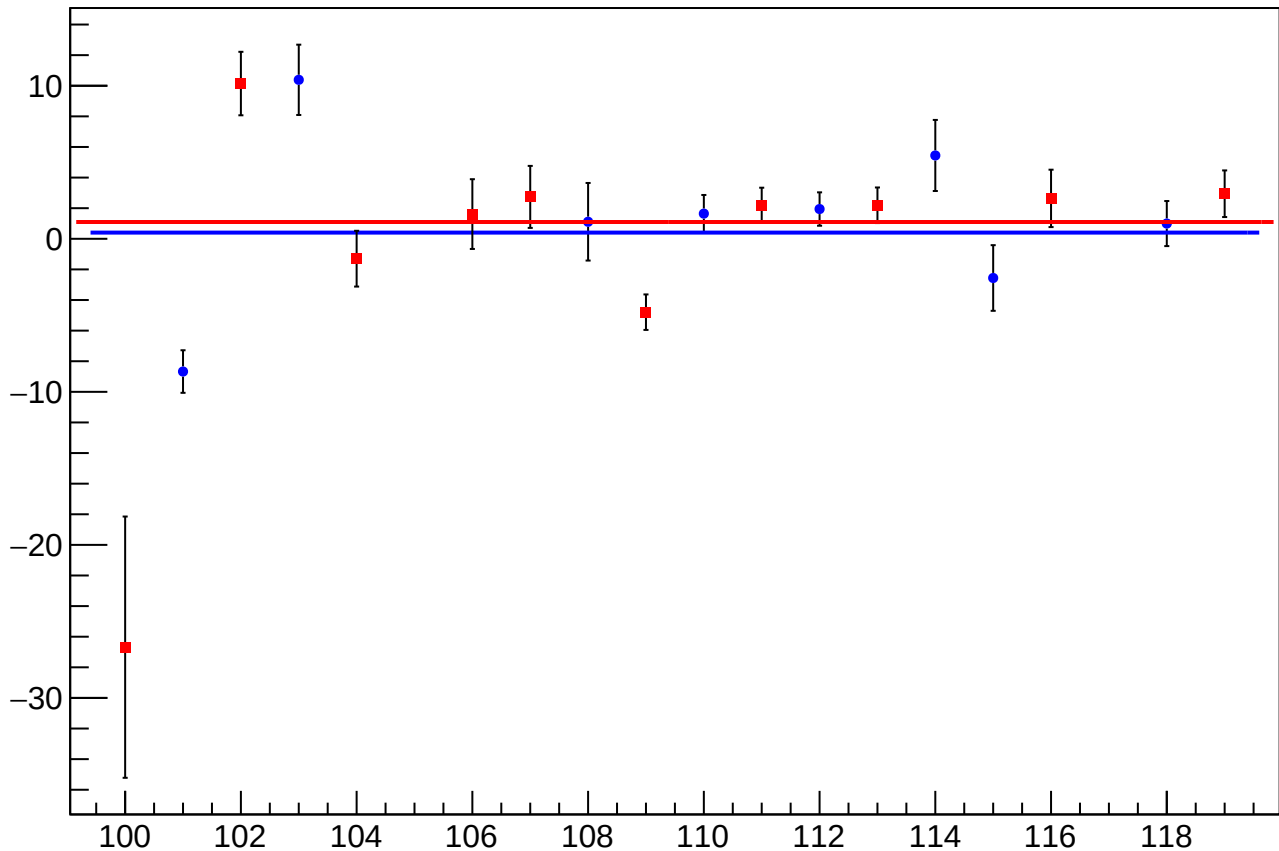
Right: -74.762 $\pm$ 0.312 χ^2 /NDF: 582.9/17

In: -74.295 $\pm$ 0.467 χ^2 /NDF:109.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.762 $\pm$ 0.312 χ^2 /NDF: 582.9/17

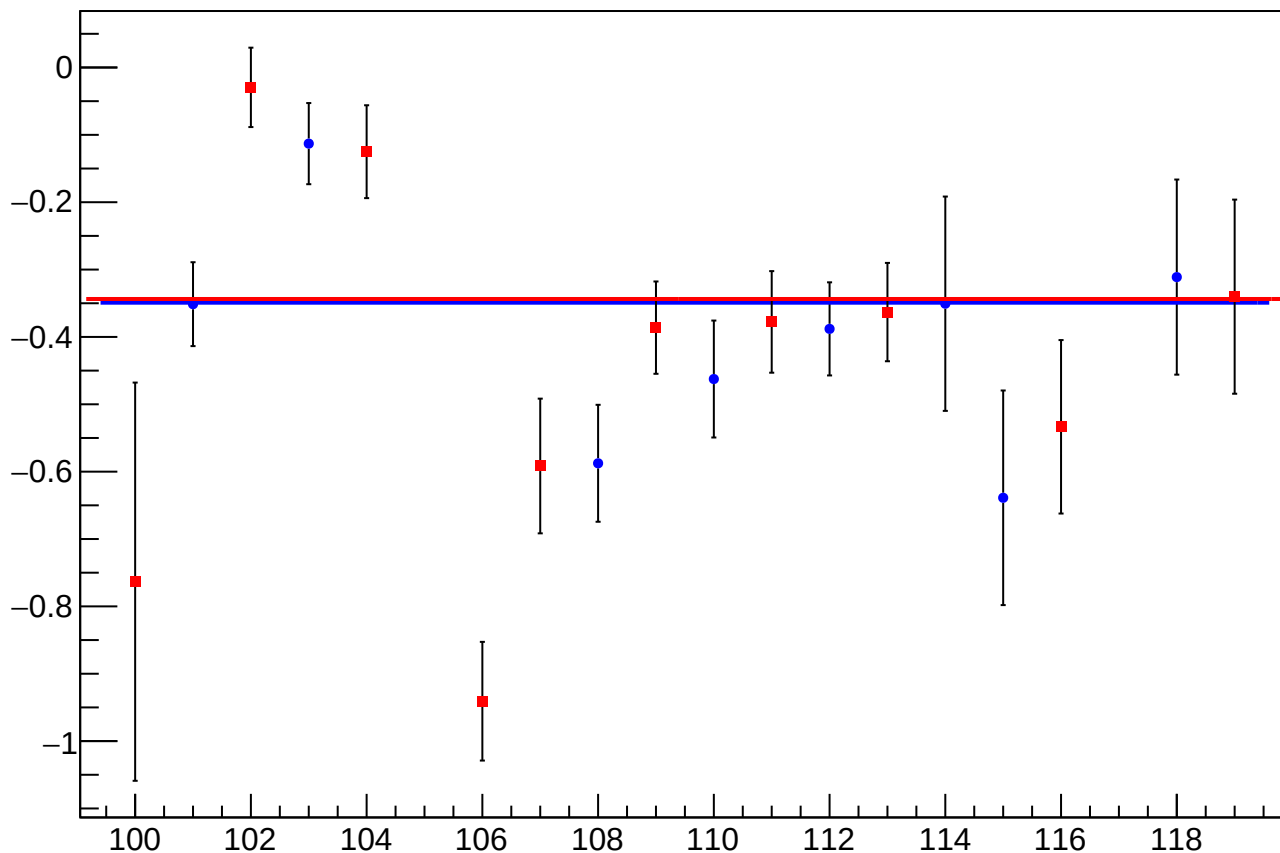
reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.405+/-0.555 χ^2/NDF : 71.4/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1.098+/-0.503 χ^2/NDF : 61.8/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 0.786+/-0.373 χ^2/NDF : 134.1/17
 In: 0.405+/-0.555 χ^2/NDF : 71.4/7
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.786+/-0.373 χ^2/NDF : 134.1/17

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.349+/-0.030 χ^2 /NDF: 28.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.344+/-0.027 χ^2 /NDF: 95.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

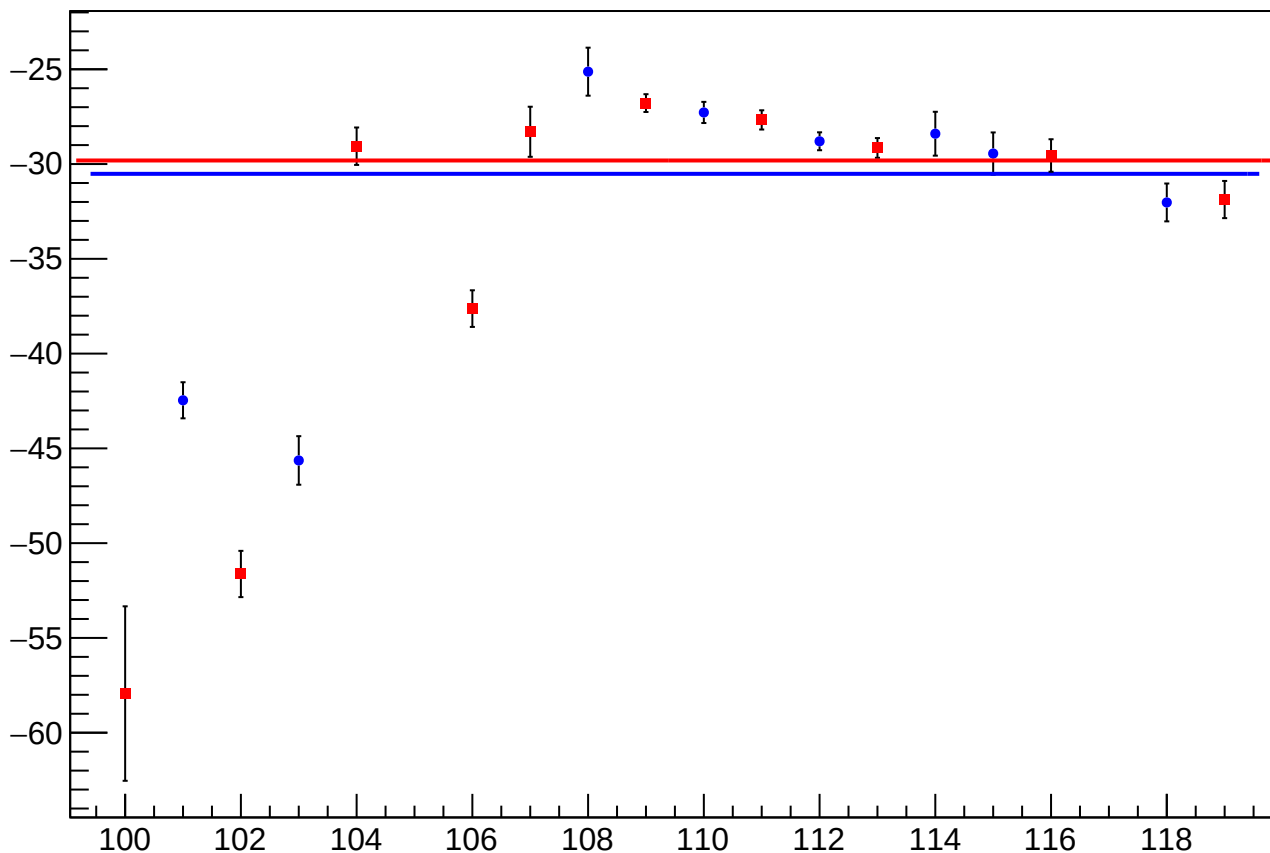
Right: -0.346+/-0.020 χ^2 /NDF: 123.7/17

In: -0.349+/-0.030 χ^2 /NDF:28.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.346+/-0.020 χ^2 /NDF: 123.7/17

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.516+/-0.282 χ^2/NDF : 368.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.812+/-0.236 χ^2/NDF : 489.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

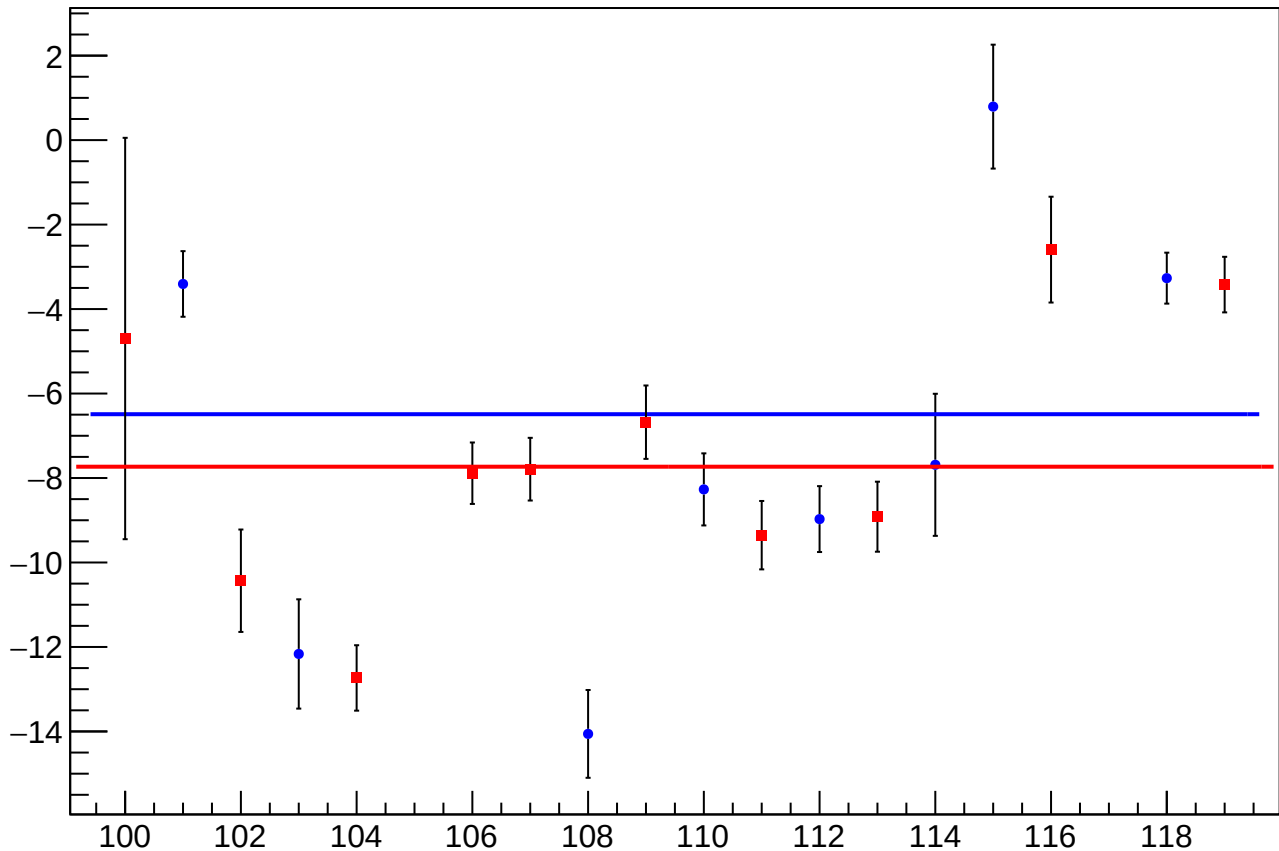
Right: -30.103+/-0.181 χ^2/NDF : 861.9/17

In: -30.516+/-0.282 χ^2/NDF : 368.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.103+/-0.181 χ^2/NDF : 861.9/17

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.489+/-0.320 χ^2/NDF : 156.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.732+/-0.274 χ^2/NDF : 114.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

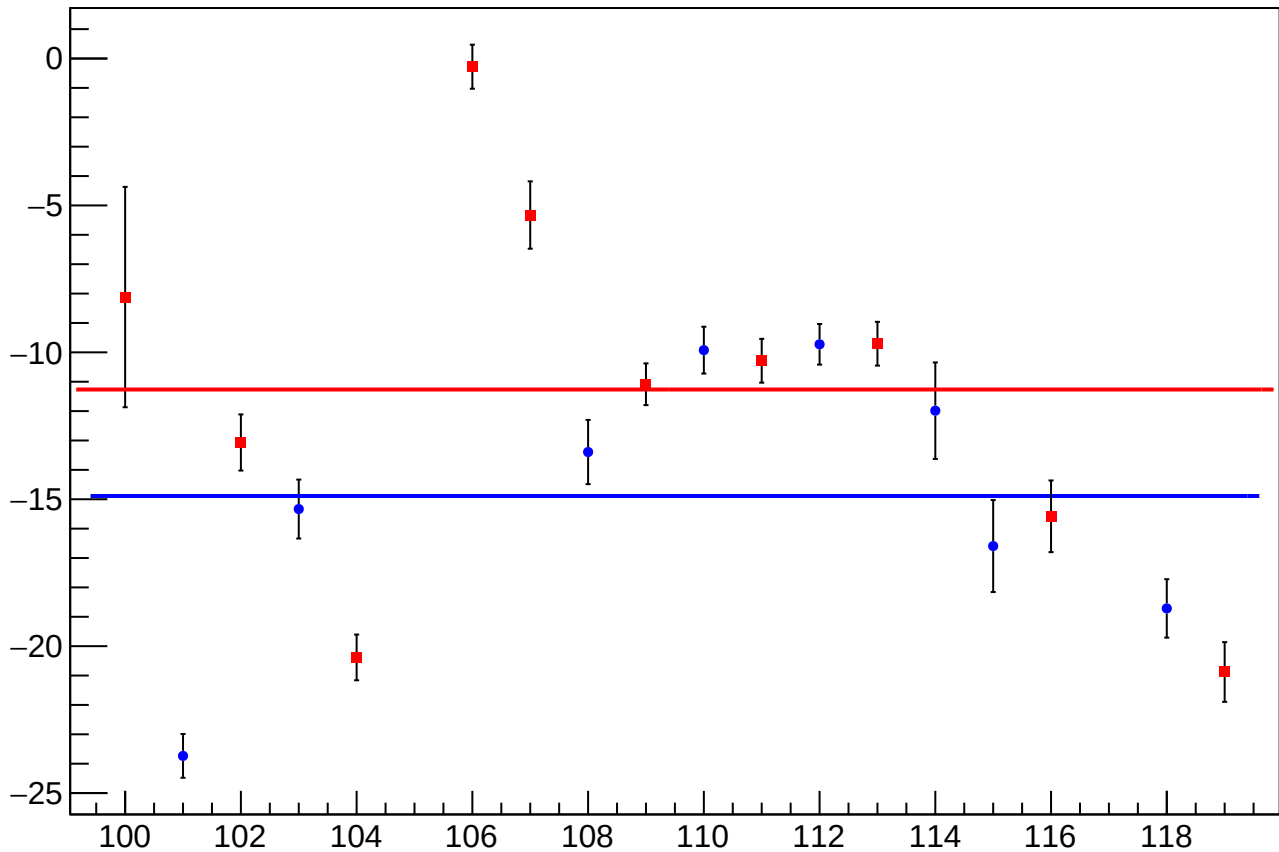
Right: -7.207+/-0.208 χ^2/NDF : 279.3/17

In: -6.489+/-0.320 χ^2/NDF : 156.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.207+/-0.208 χ^2/NDF : 279.3/17

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -14.890 ± 0.332 χ^2/NDF : 256.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.265 ± 0.282 χ^2/NDF : 491.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

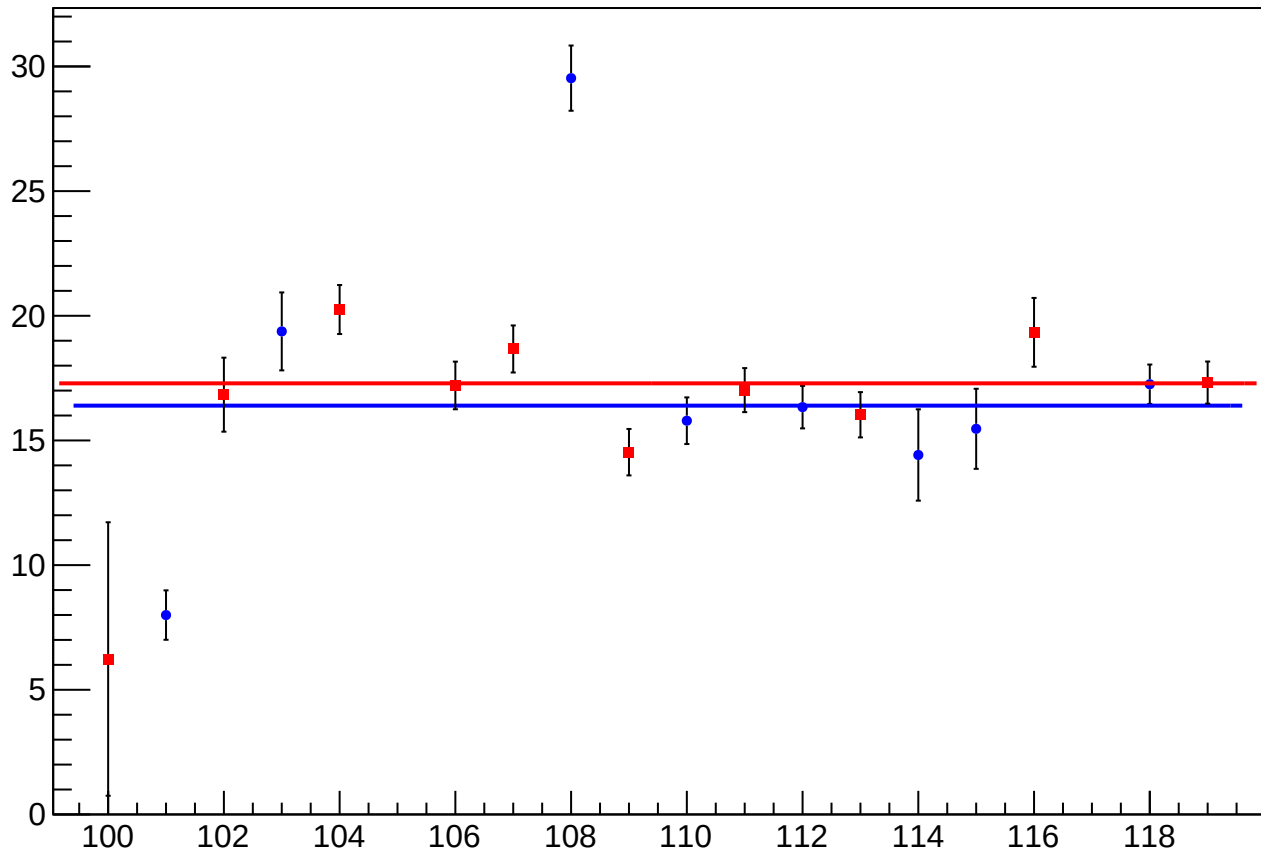
Right: -12.785 ± 0.215 χ^2/NDF : 817.0/17

In: -14.890 ± 0.332 χ^2/NDF : 256.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.785 ± 0.215 χ^2/NDF : 817.0/17

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 16.396+/-0.383 χ^2 /NDF: 179.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.291+/-0.328 χ^2 /NDF: 28.4/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

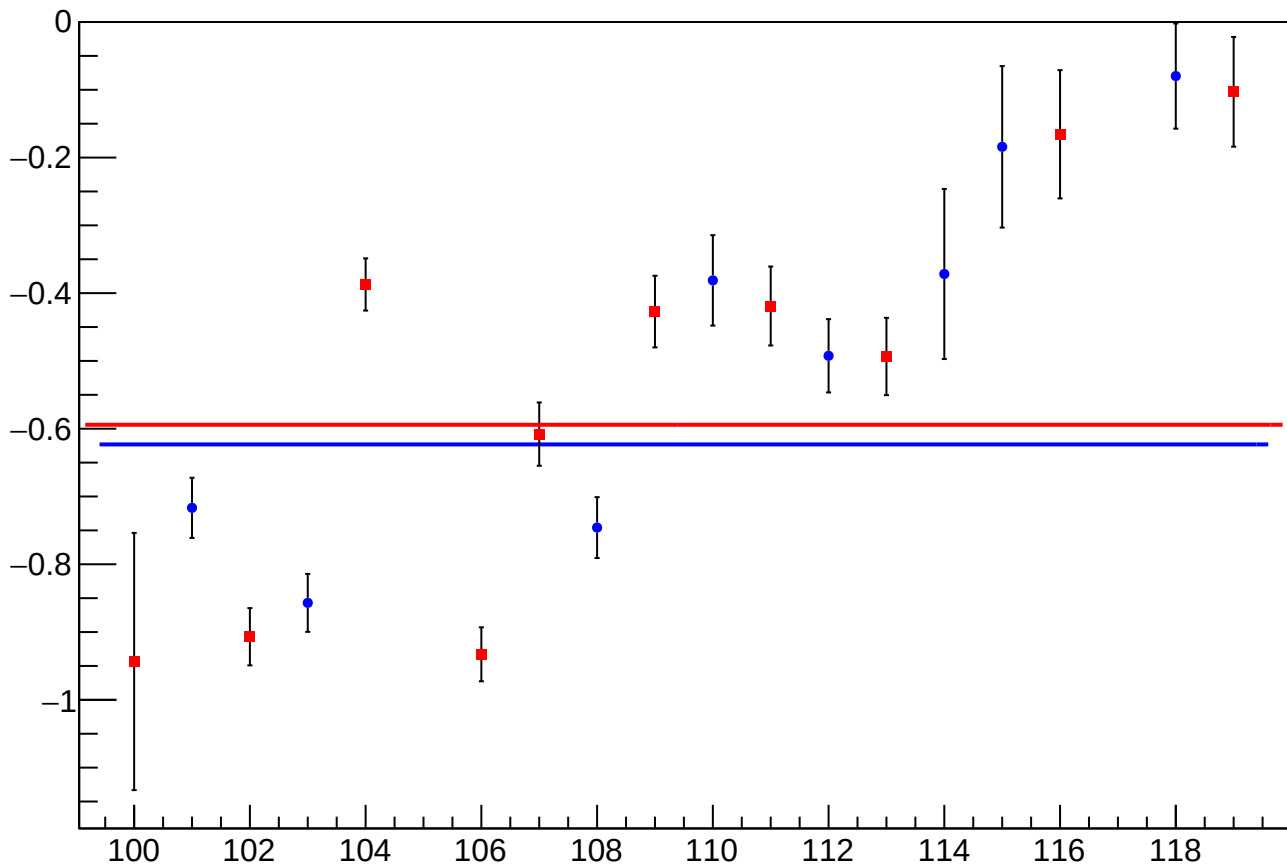
Right: 16.913+/-0.249 χ^2 /NDF: 210.9/17

In: 16.396+/-0.383 χ^2 /NDF:179.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 16.913+/-0.249 χ^2 /NDF: 210.9/17

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.623+/-0.020 χ^2/NDF : 127.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.594+/-0.017 χ^2/NDF : 239.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

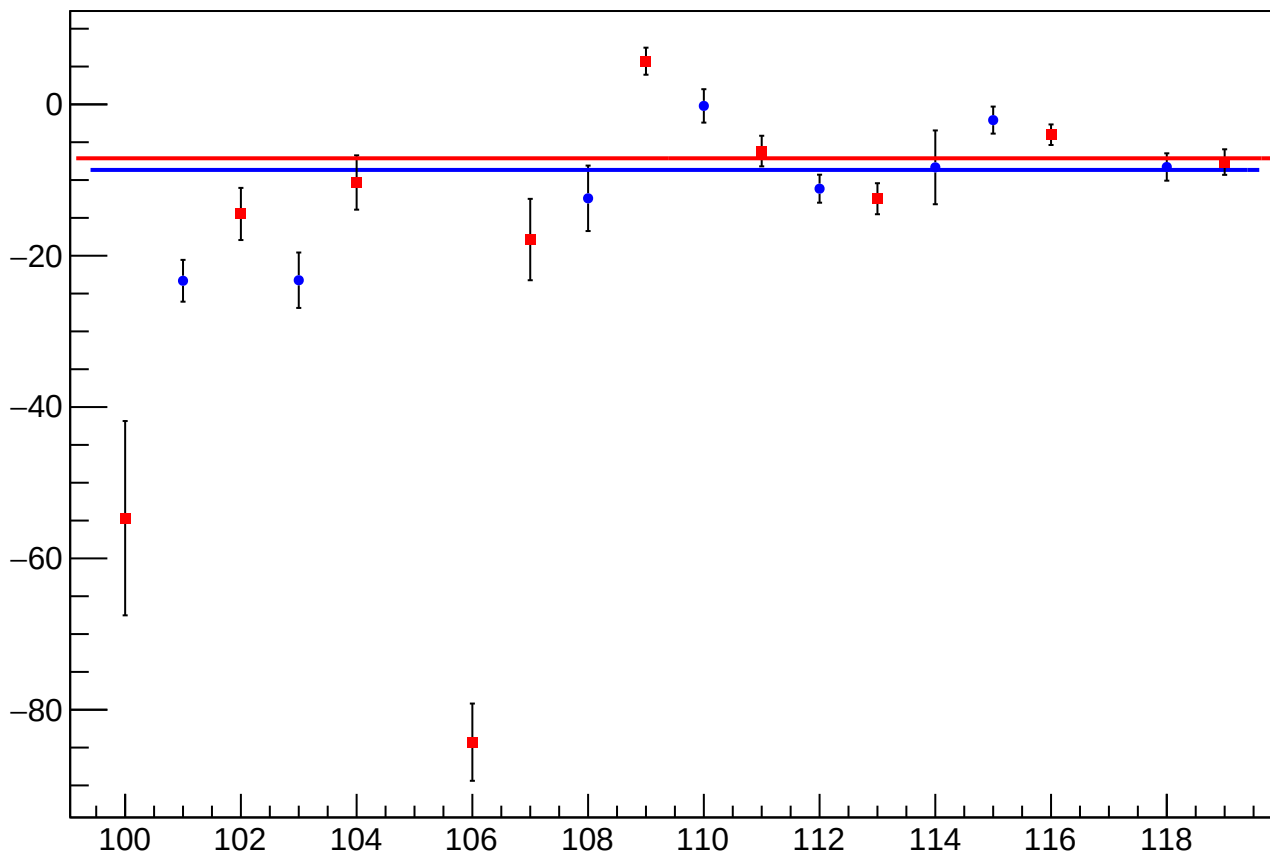
Right: -0.606+/-0.013 χ^2/NDF : 367.7/17

In: -0.623+/-0.020 χ^2/NDF : 127.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.606+/-0.013 χ^2/NDF : 367.7/17

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -8.663 ± 0.840 χ^2/NDF : 74.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.125 ± 0.720 χ^2/NDF : 315.5/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

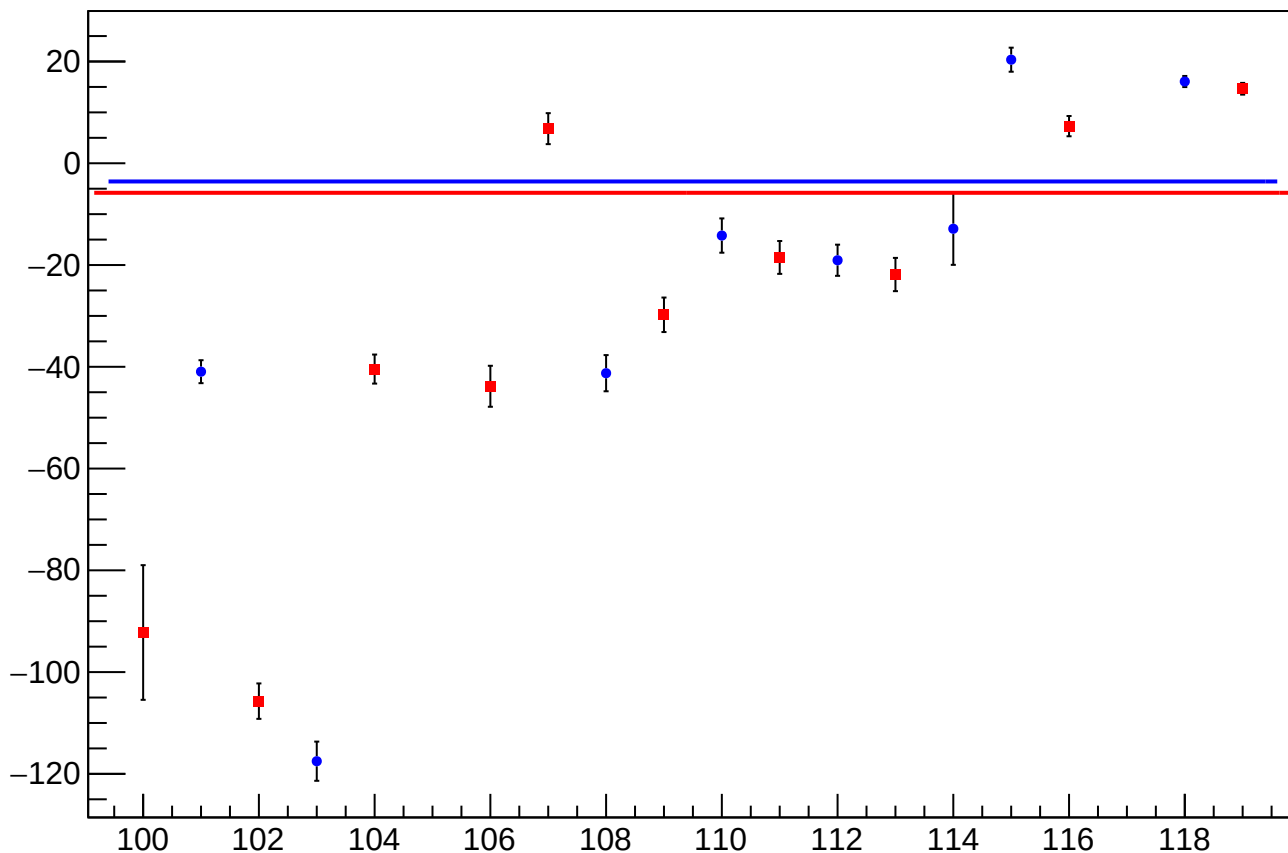
Right: -7.776 ± 0.547 χ^2/NDF : 392.3/17

In: -8.663 ± 0.840 χ^2/NDF : 74.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.776 ± 0.547 χ^2/NDF : 392.3/17

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.576 ± 0.797 $\chi^2/\text{NDF}: 1725.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.805 ± 0.775 $\chi^2/\text{NDF}: 1569.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

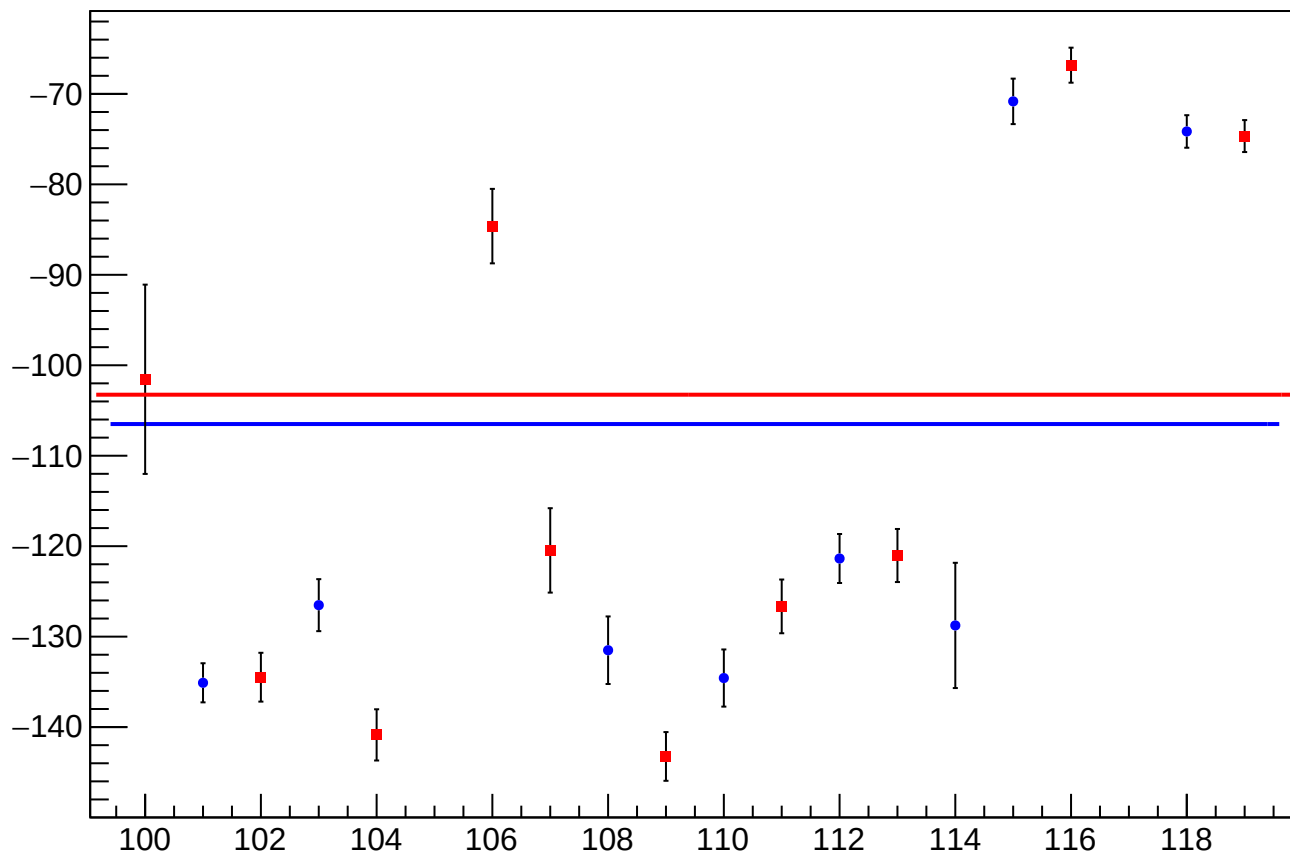
Right: -4.722 ± 0.555 $\chi^2/\text{NDF}: 3299.0/17$

In: -3.576 ± 0.797 $\chi^2/\text{NDF}: 1725.7/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.722 ± 0.555 $\chi^2/\text{NDF}: 3299.0/17$

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -106.498+/-0.940 χ^2/NDF : 912.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -103.254+/-0.867 χ^2/NDF : 1279.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

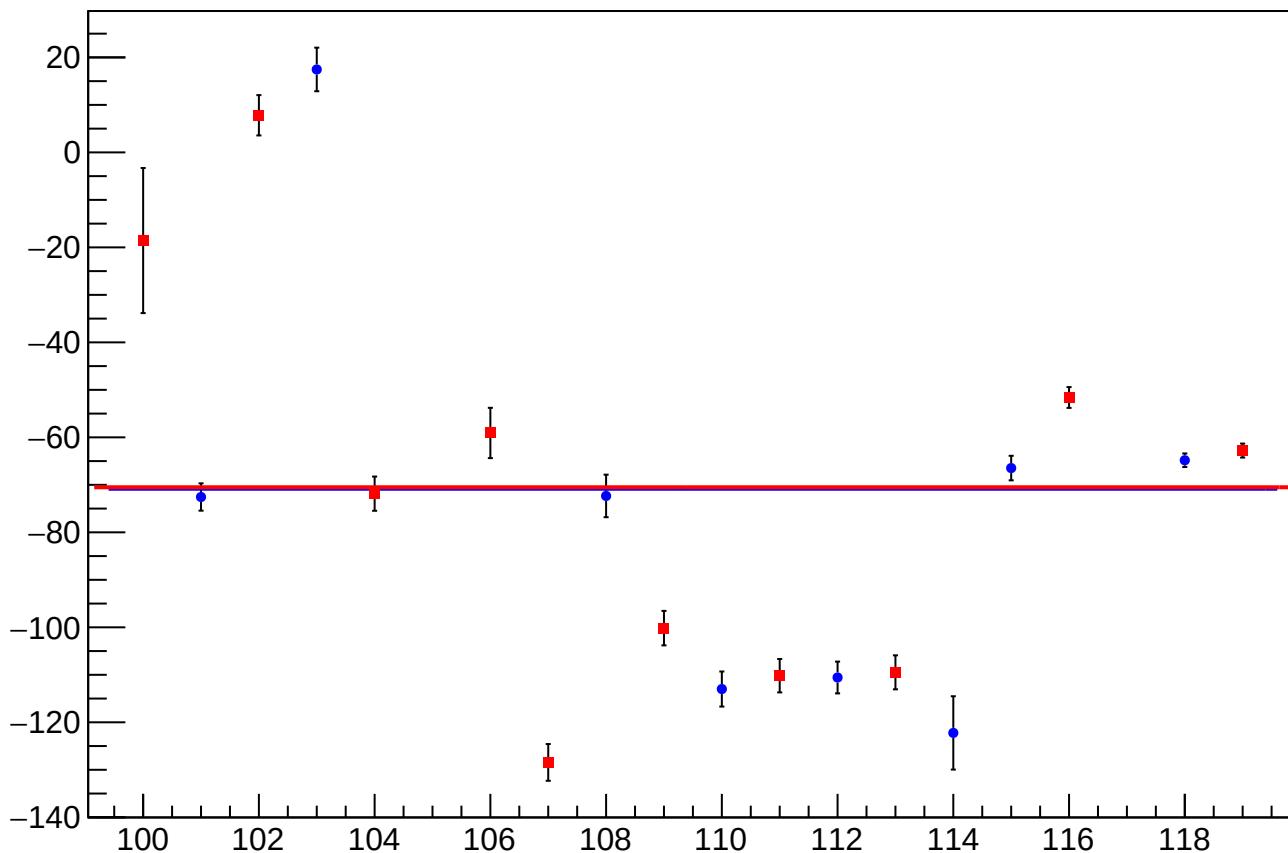
Right: -104.745+/-0.637 χ^2/NDF : 2198.8/17

In: -106.498+/-0.940 χ^2/NDF :912.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -104.745+/-0.637 χ^2/NDF : 2198.8/17

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -70.825 $\pm$ 0.982 χ^2 /NDF: 707.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -70.512 $\pm$ 0.936 χ^2 /NDF: 995.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

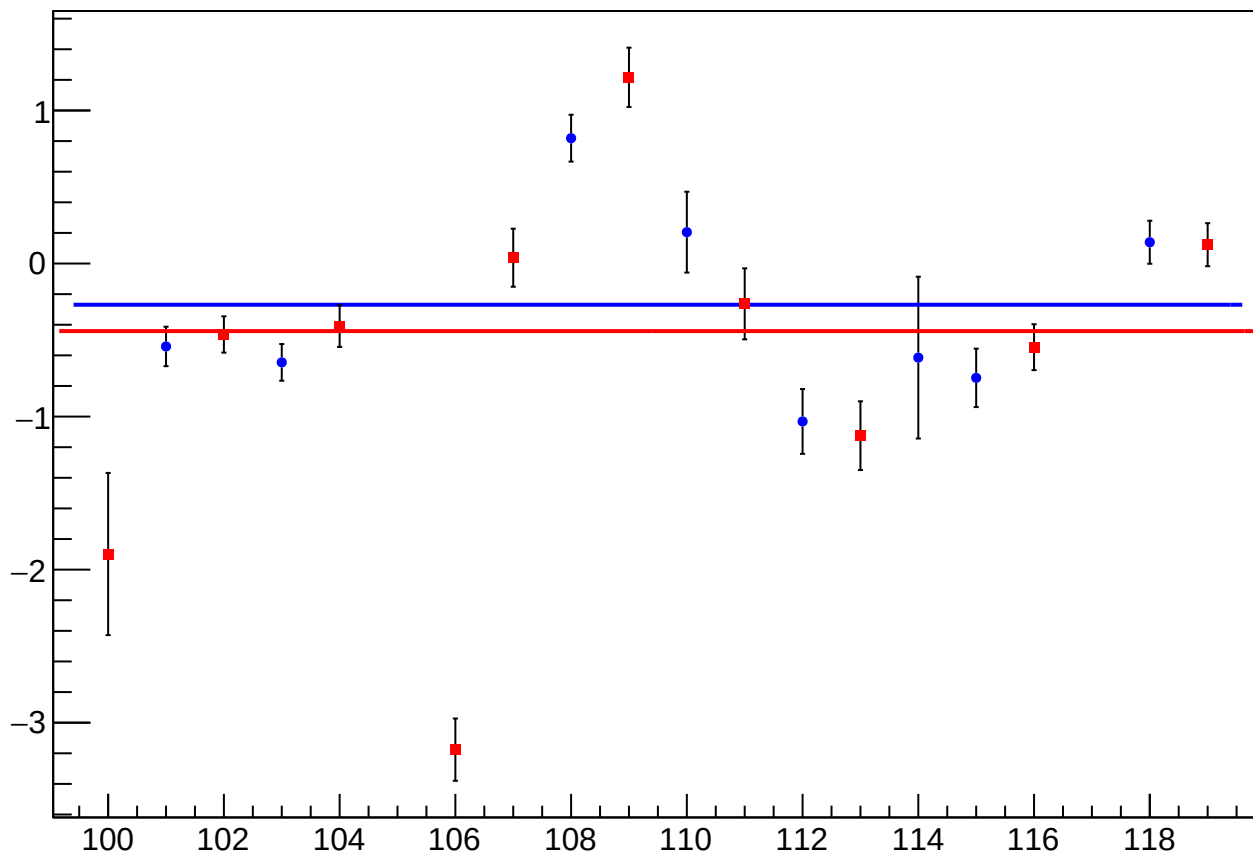
Right: -70.661 $\pm$ 0.677 χ^2 /NDF: 1702.1/17

In: -70.825 $\pm$ 0.982 χ^2 /NDF:707.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -70.661 $\pm$ 0.677 χ^2 /NDF: 1702.1/17

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.269 ± 0.059 χ^2/NDF : 96.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.441 ± 0.054 χ^2/NDF : 294.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

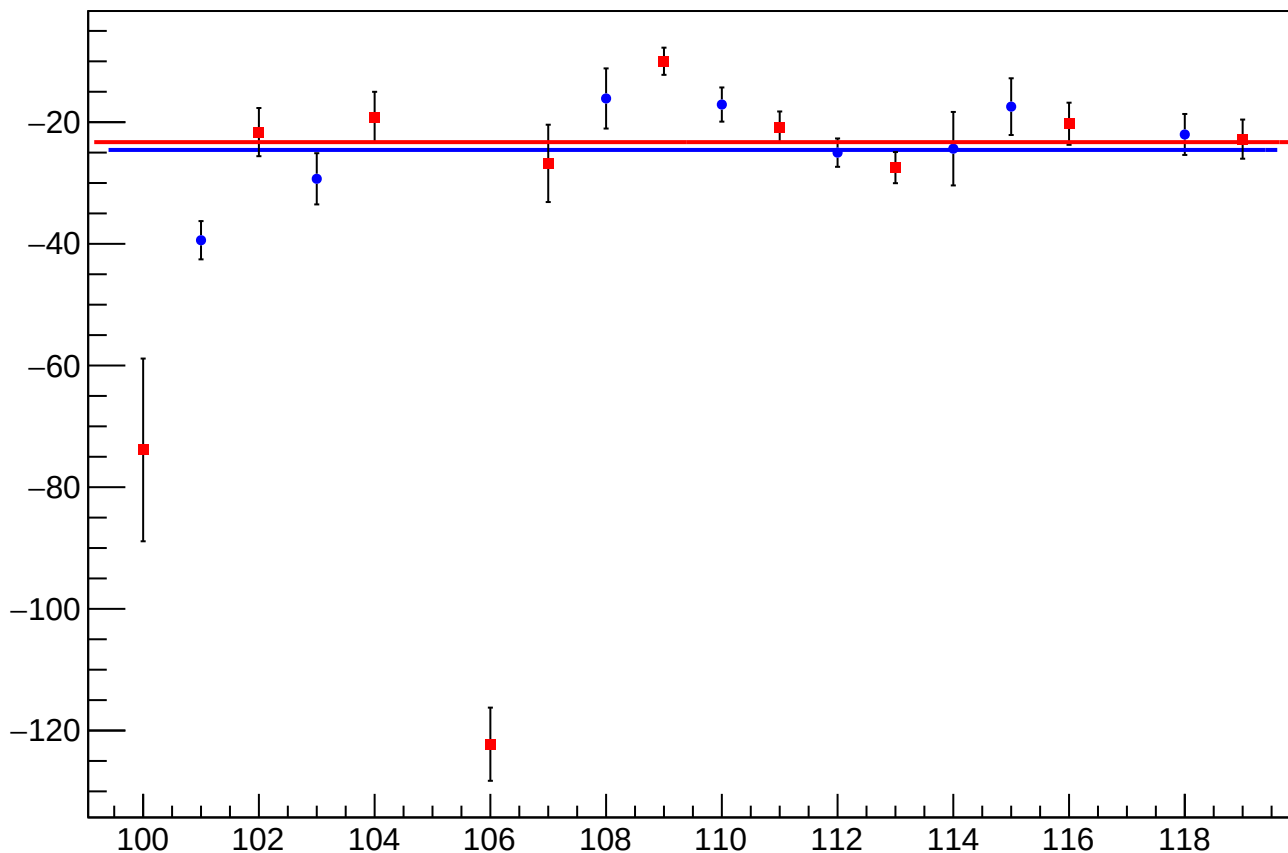
Right: -0.362 ± 0.040 χ^2/NDF : 395.2/17

In: -0.269 ± 0.059 χ^2/NDF : 96.2/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.362 ± 0.040 χ^2/NDF : 395.2/17

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.565+/-1.221 χ^2/NDF : 36.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.281+/-1.076 χ^2/NDF : 323.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

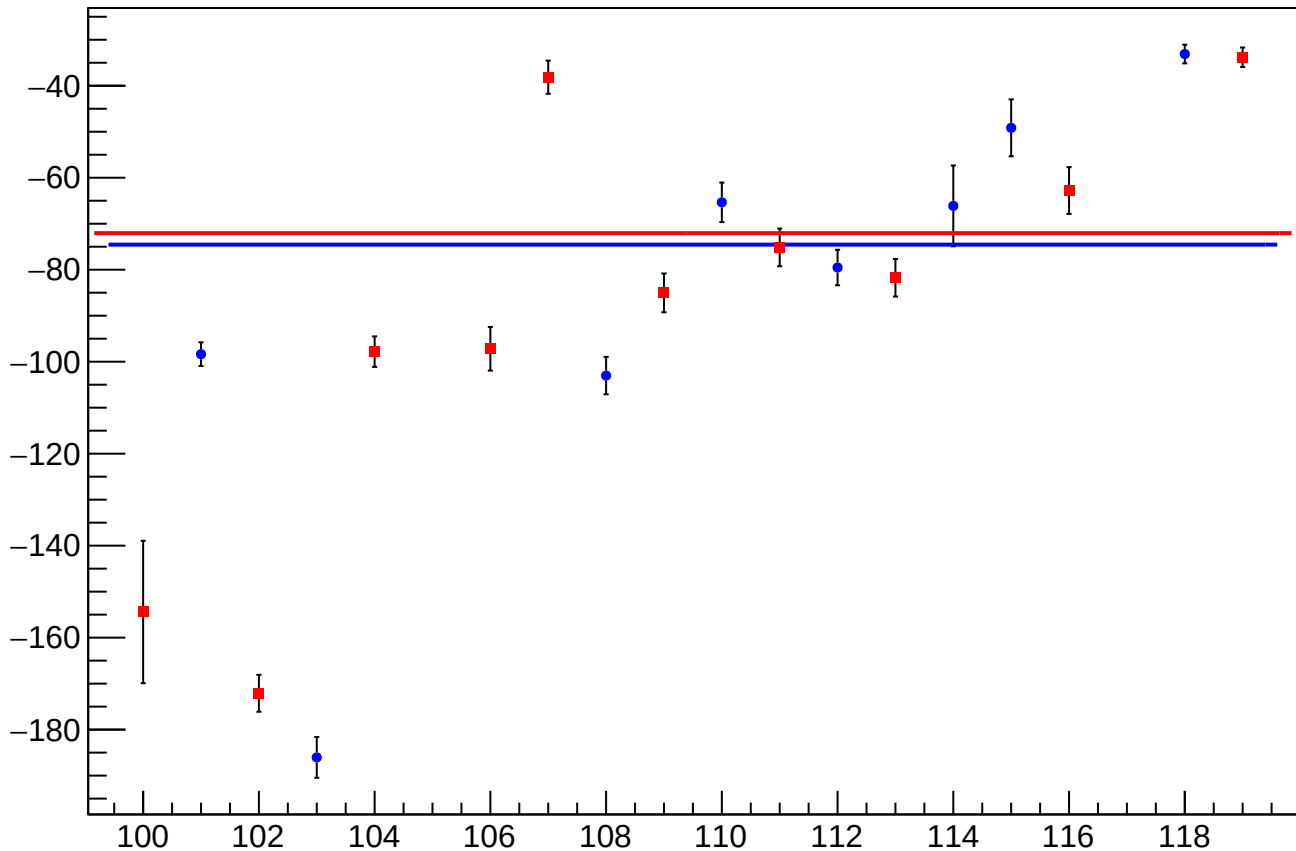
Right: -23.842+/-0.807 χ^2/NDF : 360.5/17

In: -24.565+/-1.221 χ^2/NDF : 36.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.842+/-0.807 χ^2/NDF : 360.5/17

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -74.546 $\pm$ 1.226 χ^2 /NDF: 1208.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.048 $\pm$ 1.181 χ^2 /NDF: 1173.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

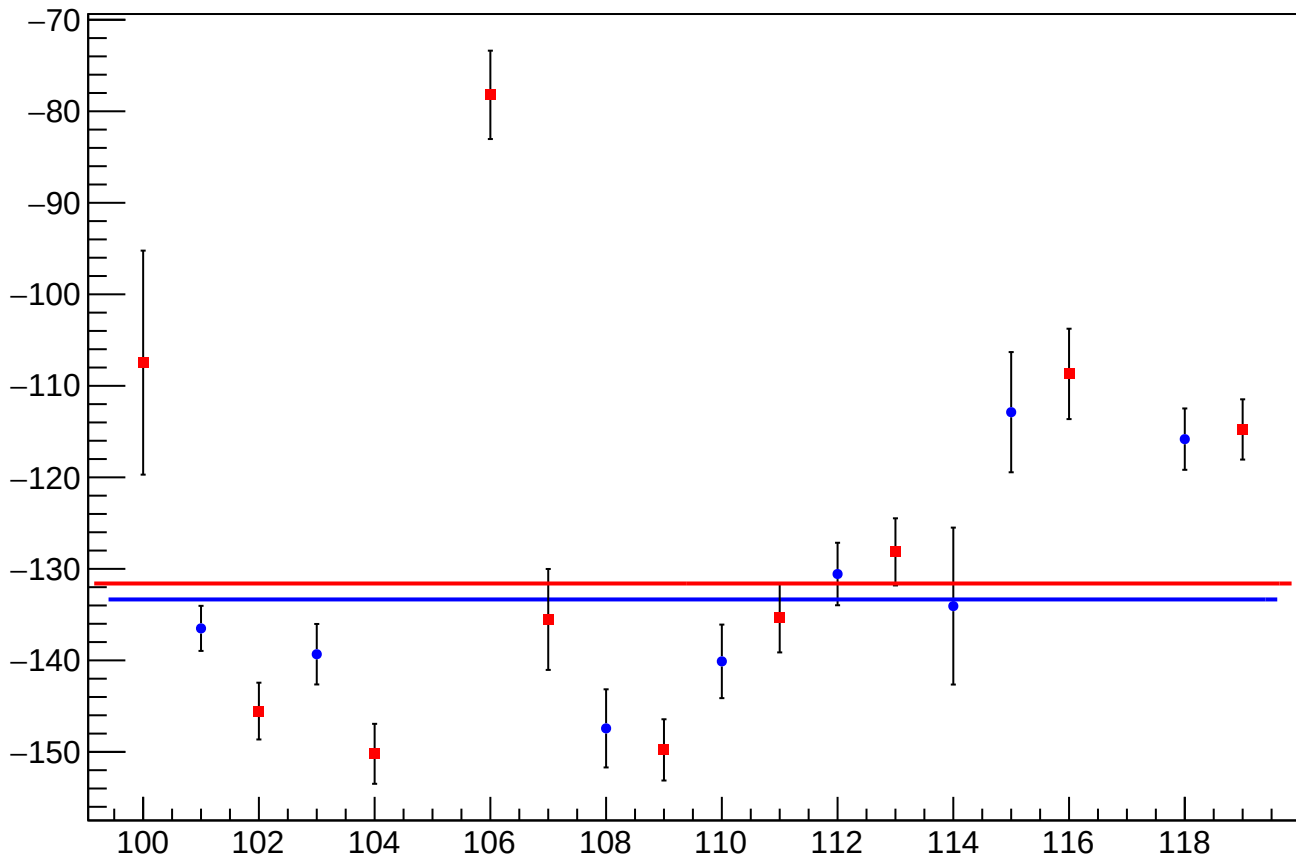
Right: -73.251 $\pm$ 0.851 χ^2 /NDF: 2383.5/17

In: -74.546 $\pm$ 1.226 χ^2 /NDF:1208.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.251 $\pm$ 0.851 χ^2 /NDF: 2383.5/17

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -133.342+/-1.308 χ^2/NDF : 56.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.599+/-1.243 χ^2/NDF : 258.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

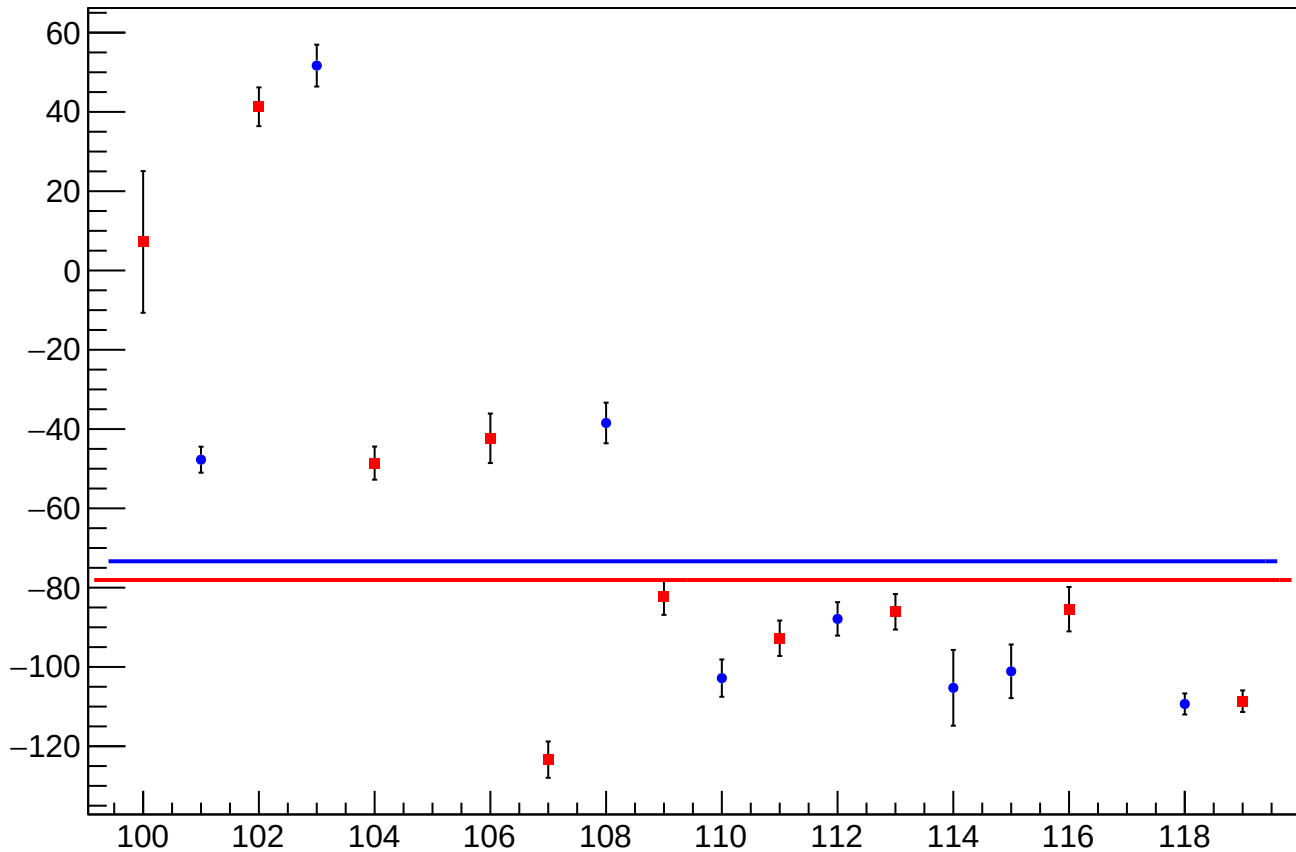
Right: -132.426+/-0.901 χ^2/NDF : 315.5/17

In: -133.342+/-1.308 χ^2/NDF : 56.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.426+/-0.901 χ^2/NDF : 315.5/17

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -73.351+/-1.503 χ^2/NDF : 930.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.073+/-1.427 χ^2/NDF : 942.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

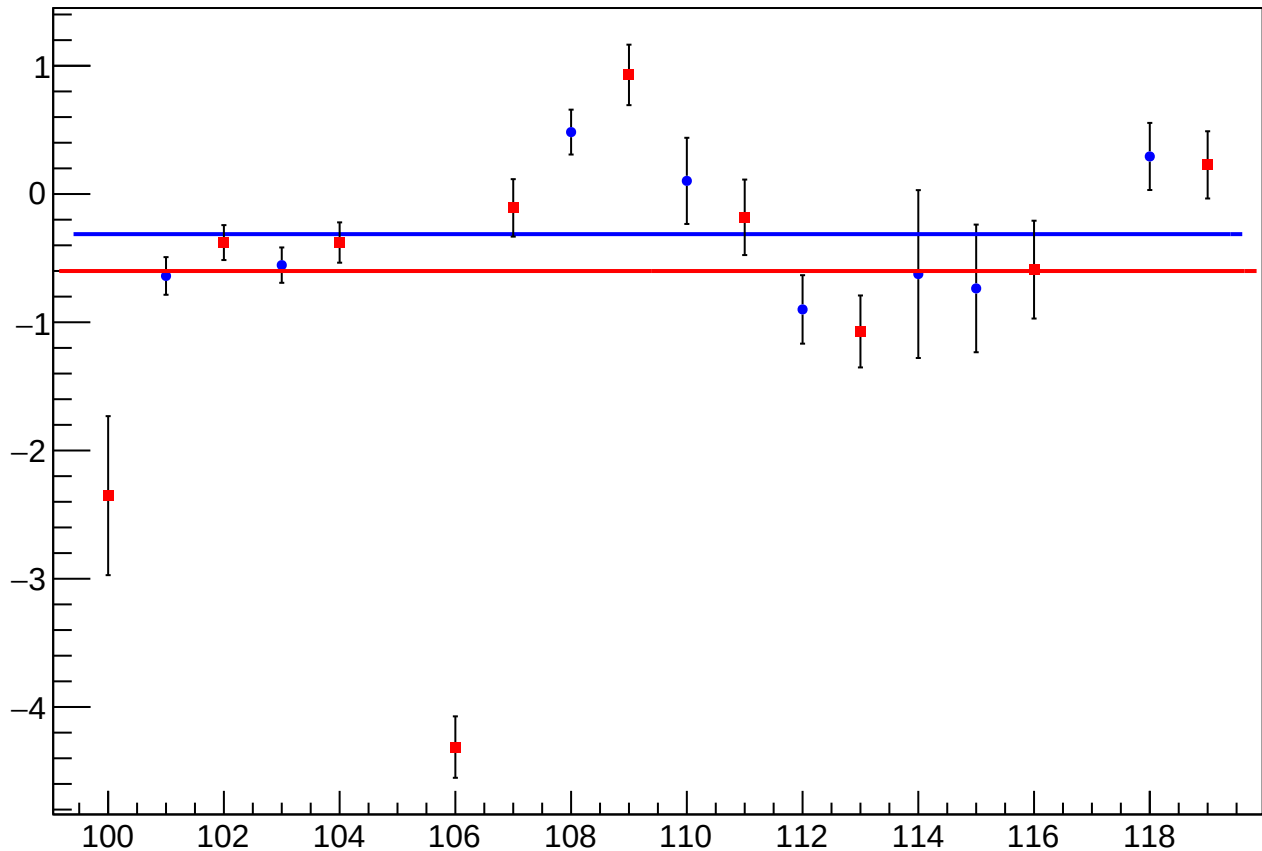
Right: -75.835+/-1.035 χ^2/NDF : 1878.4/17

In: -73.351+/-1.503 χ^2/NDF : 930.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.835+/-1.035 χ^2/NDF : 1878.4/17

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.313 ± 0.075 $\chi^2/\text{NDF}: 41.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.600 ± 0.071 $\chi^2/\text{NDF}: 314.4/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

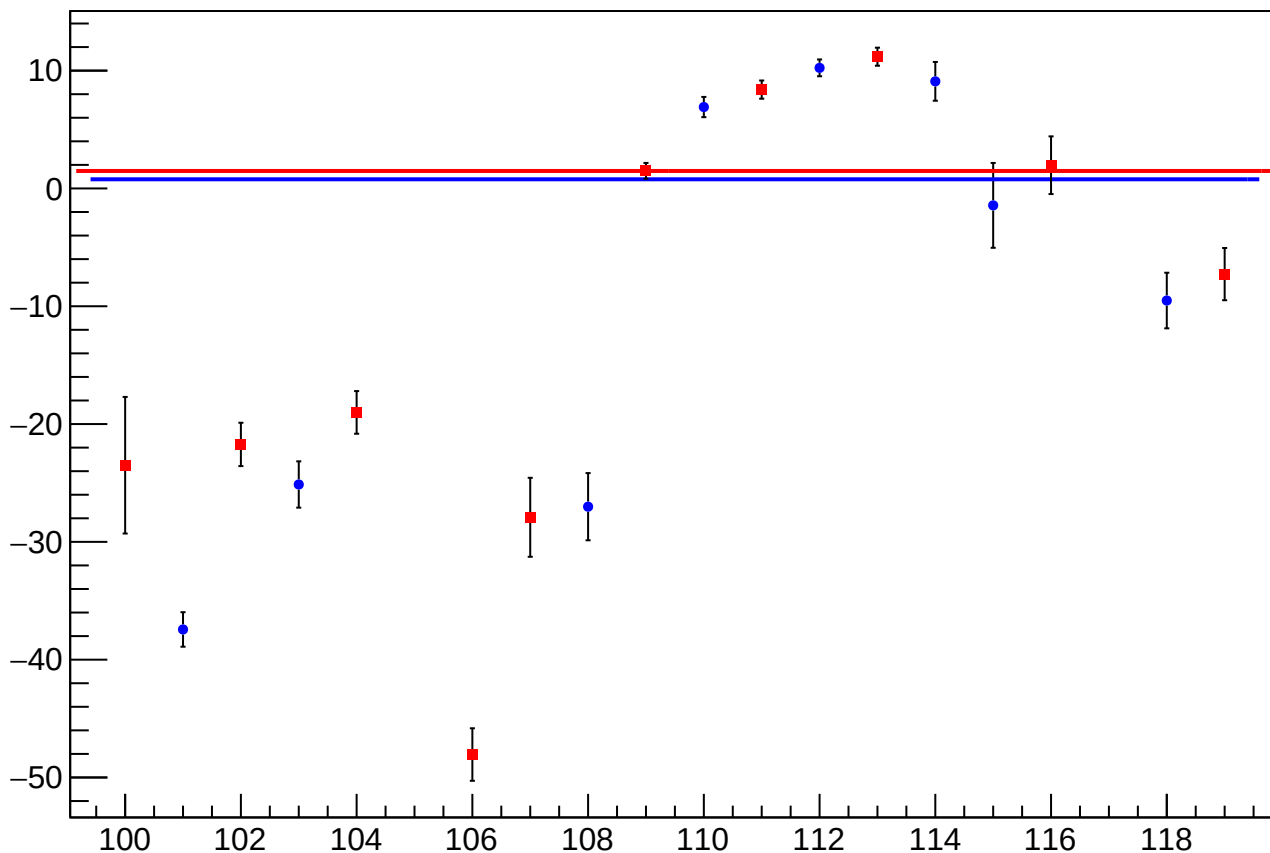
Right: -0.465 ± 0.052 $\chi^2/\text{NDF}: 363.5/17$

In: -0.313 ± 0.075 $\chi^2/\text{NDF}: 41.4/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.465 ± 0.052 $\chi^2/\text{NDF}: 363.5/17$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.777+/-0.457 χ^2/NDF : 1220.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.483+/-0.381 χ^2/NDF : 1132.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

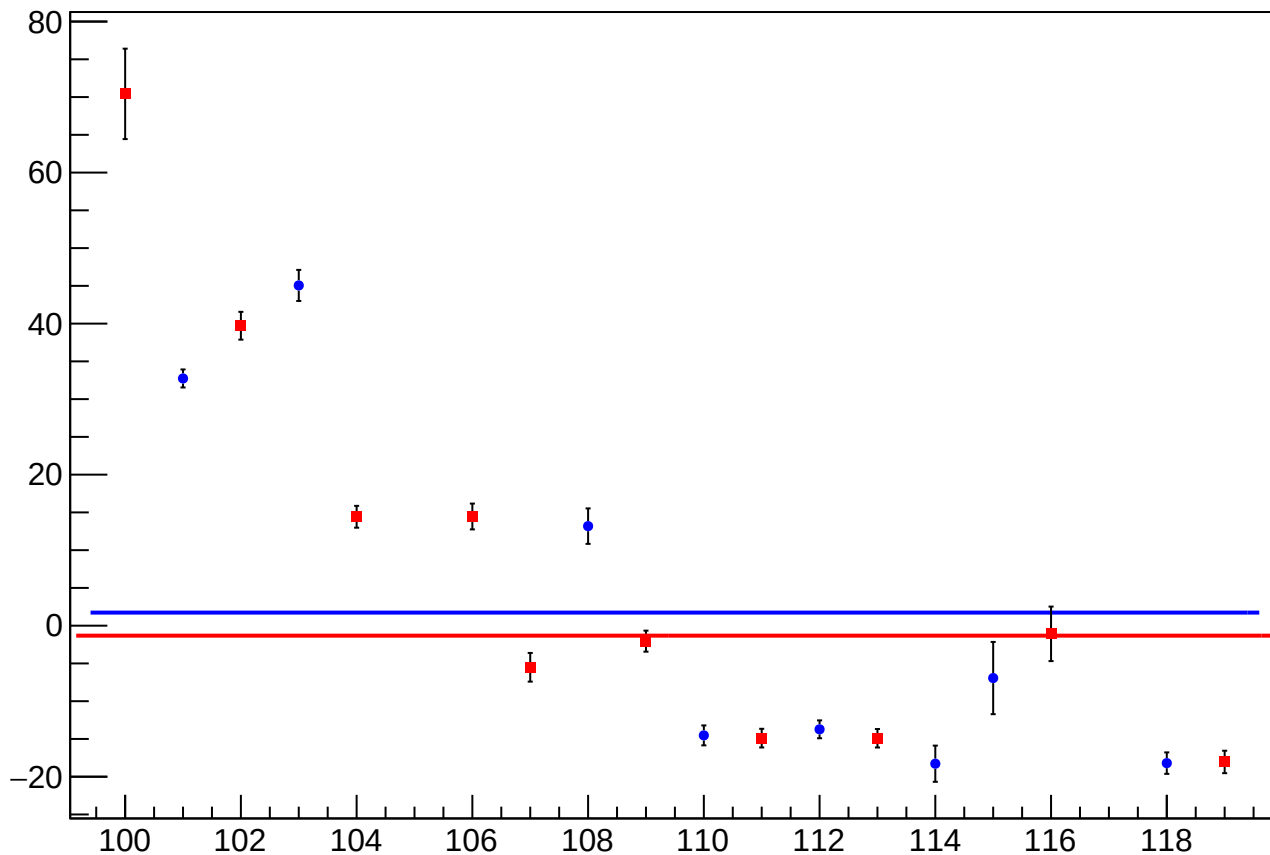
Right: 1.193+/-0.293 χ^2/NDF : 2354.5/17

In: 0.777+/-0.457 χ^2/NDF : 1220.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.193+/-0.293 χ^2/NDF : 2354.5/17

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.732+/-0.566 χ^2/NDF : 1734.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.320+/-0.514 χ^2/NDF : 1219.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

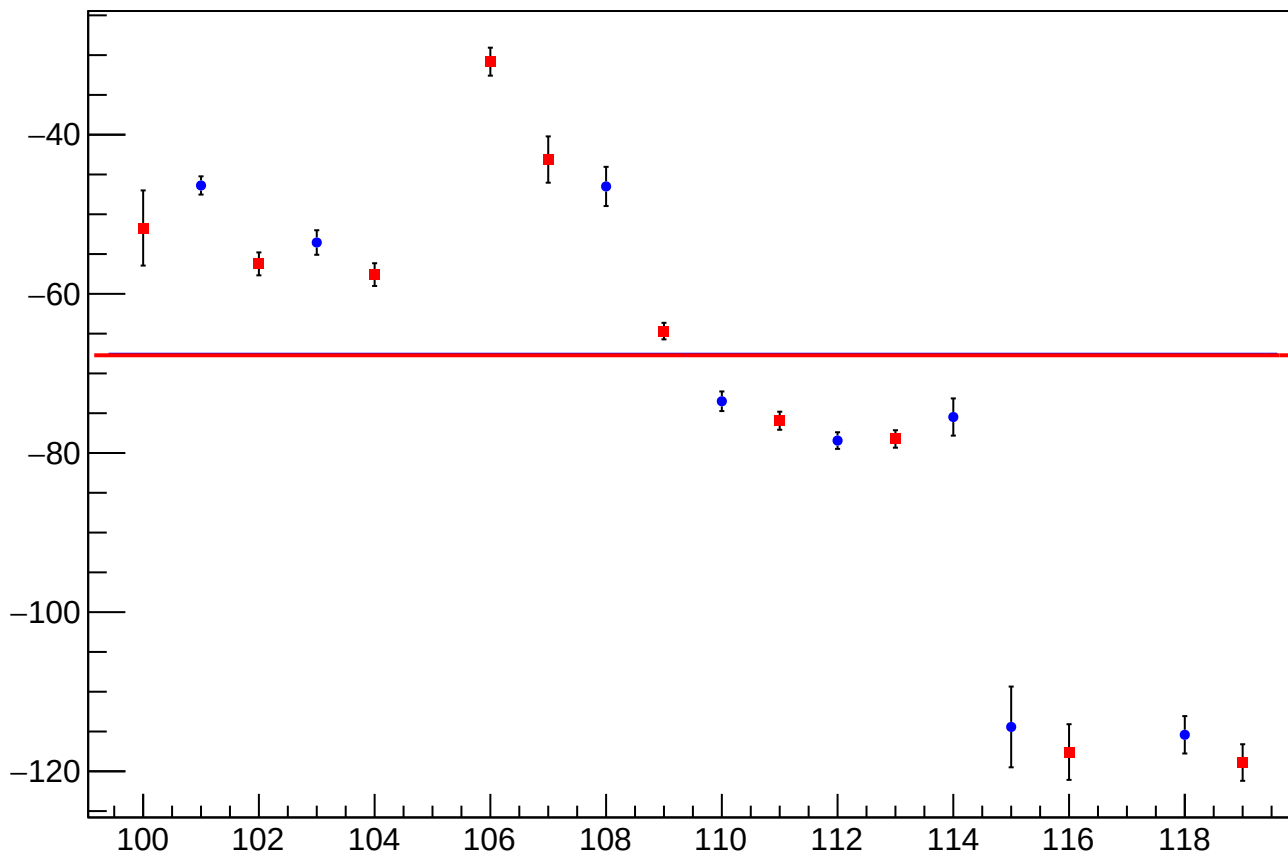
Right: 0.058+/-0.380 χ^2/NDF : 2969.9/17

In: 1.732+/-0.566 χ^2/NDF : 1734.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.380 χ^2/NDF : 2969.9/17

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -67.652+/-0.549 χ^2/NDF : 1140.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.720+/-0.484 χ^2/NDF : 1490.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

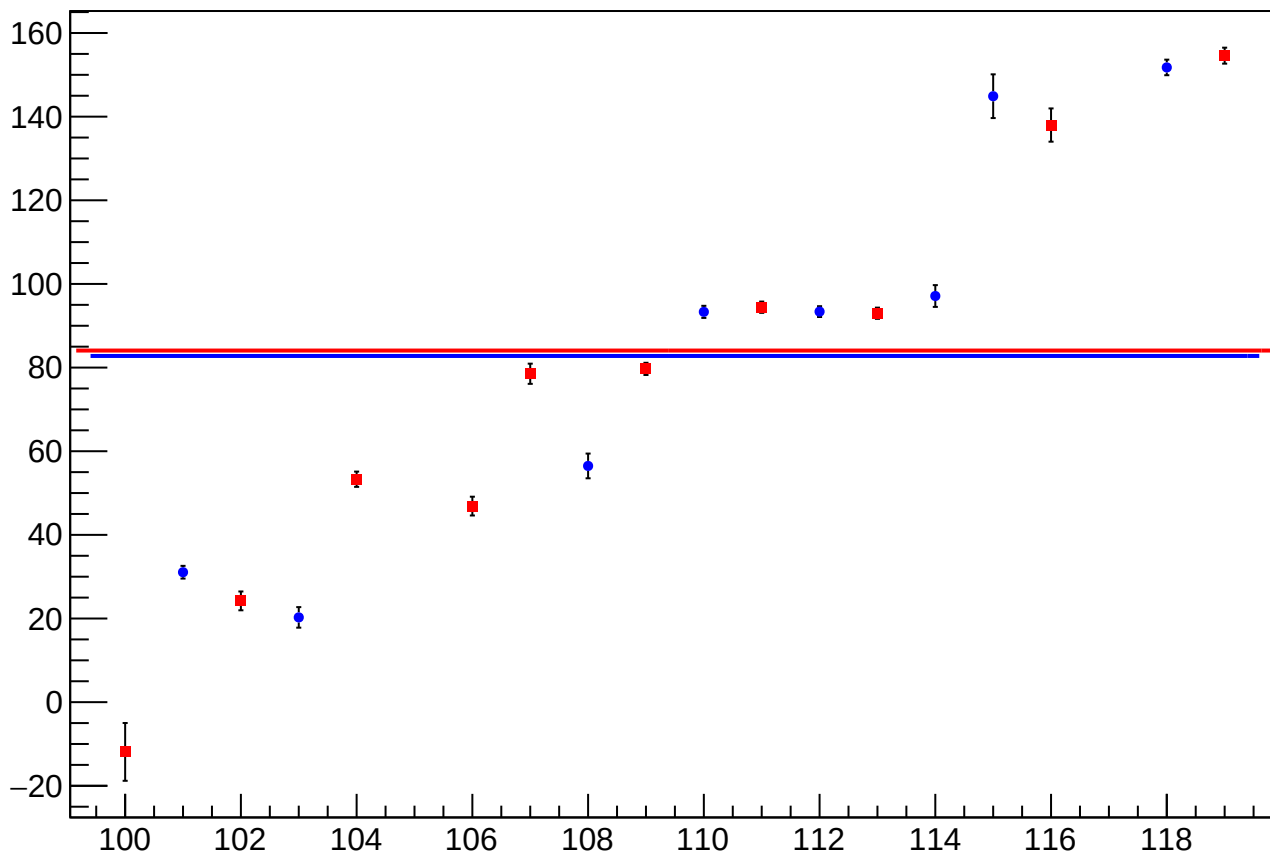
Right: -67.690+/-0.363 χ^2/NDF : 2630.8/17

In: -67.652+/-0.549 χ^2/NDF : 1140.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.690+/-0.363 χ^2/NDF : 2630.8/17

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 82.779+/-0.665 χ^2 /NDF: 3548.7/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 84.074+/-0.597 χ^2 /NDF: 3125.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

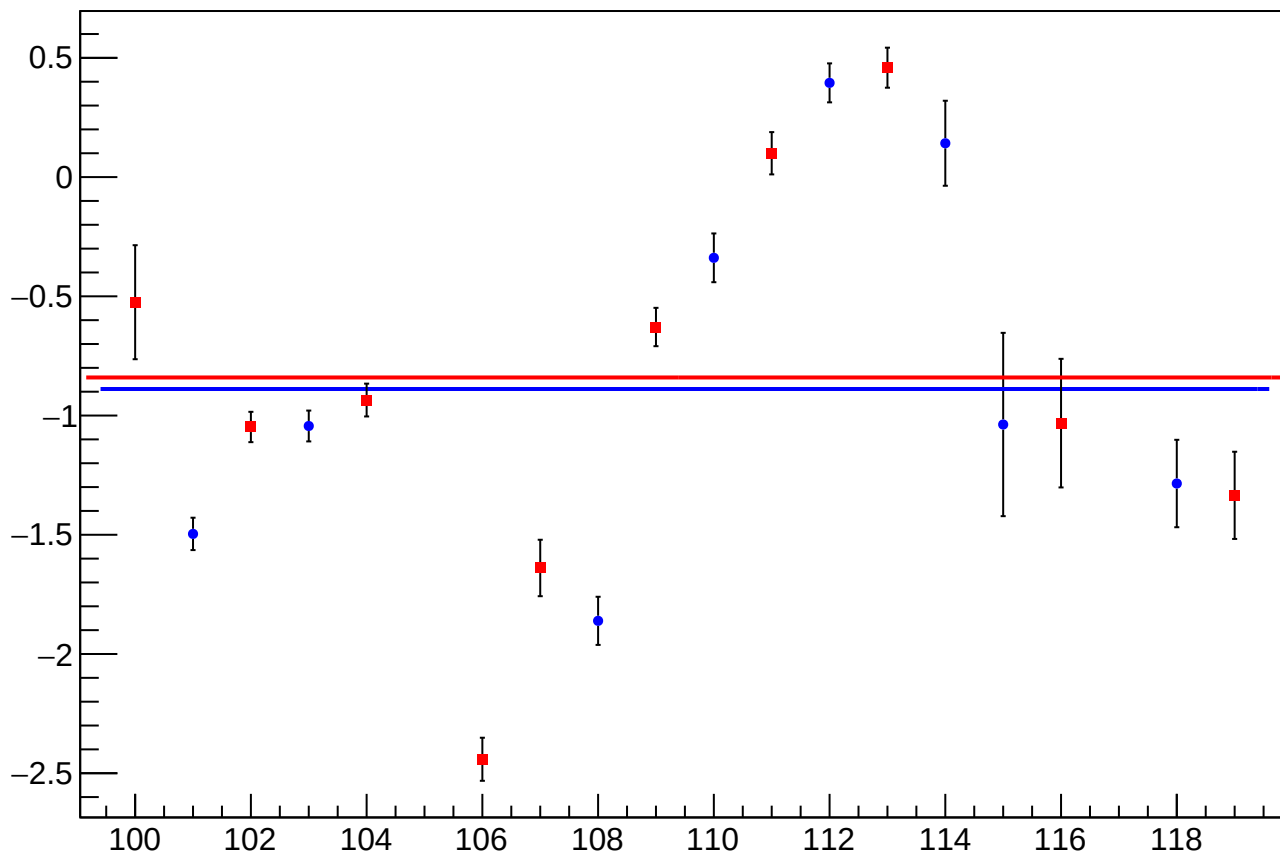
Right: 83.496+/-0.444 χ^2 /NDF: 6675.9/17

In: 82.779+/-0.665 χ^2 /NDF:3548.7/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.496+/-0.444 χ^2 /NDF: 6675.9/17

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.889 ± 0.034 $\chi^2/\text{NDF}: 492.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.840 ± 0.030 $\chi^2/\text{NDF}: 740.9/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

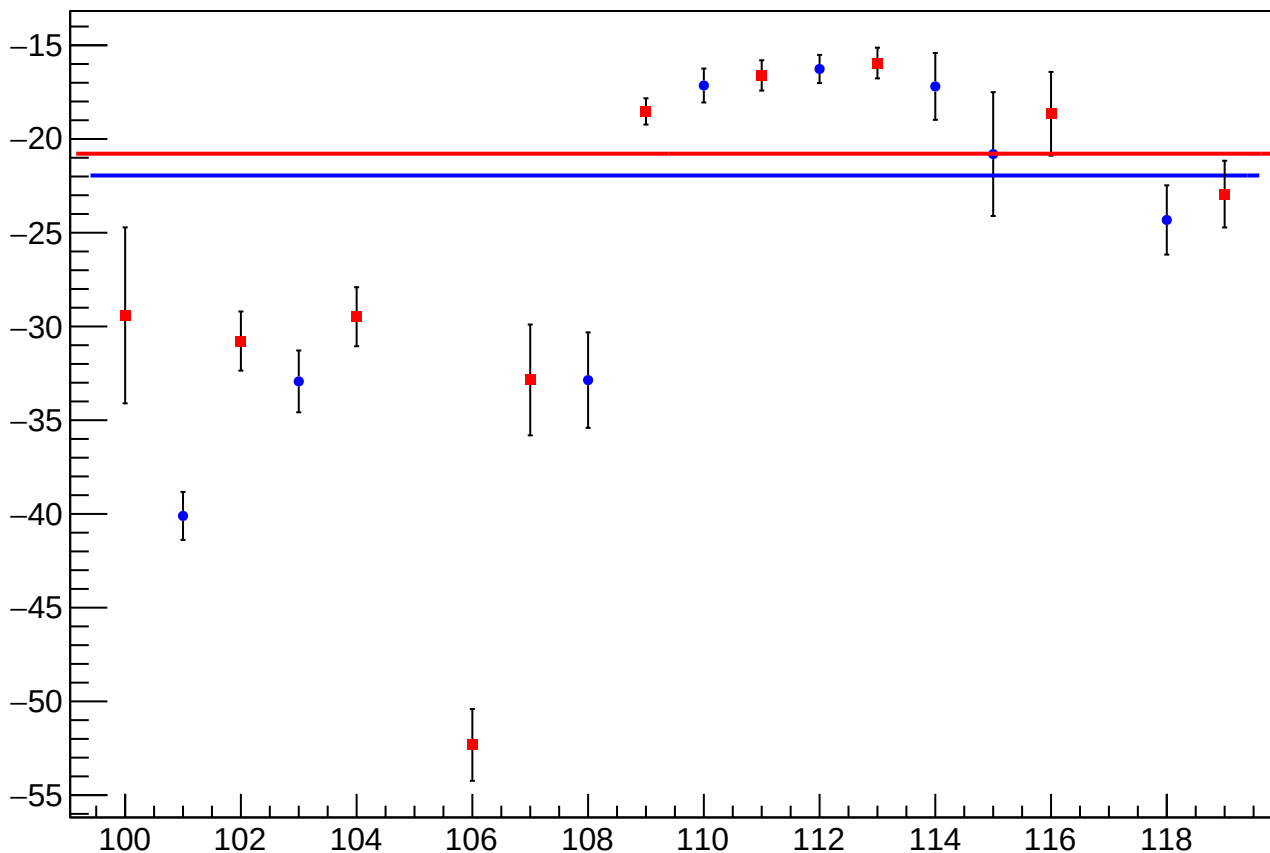
Right: -0.861 ± 0.022 $\chi^2/\text{NDF}: 1234.7/17$

In: -0.889 ± 0.034 $\chi^2/\text{NDF}: 492.7/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.861 ± 0.022 $\chi^2/\text{NDF}: 1234.7/17$

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -21.946 $\pm$ 0.455 χ^2 /NDF: 358.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.784 $\pm$ 0.383 χ^2 /NDF: 436.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

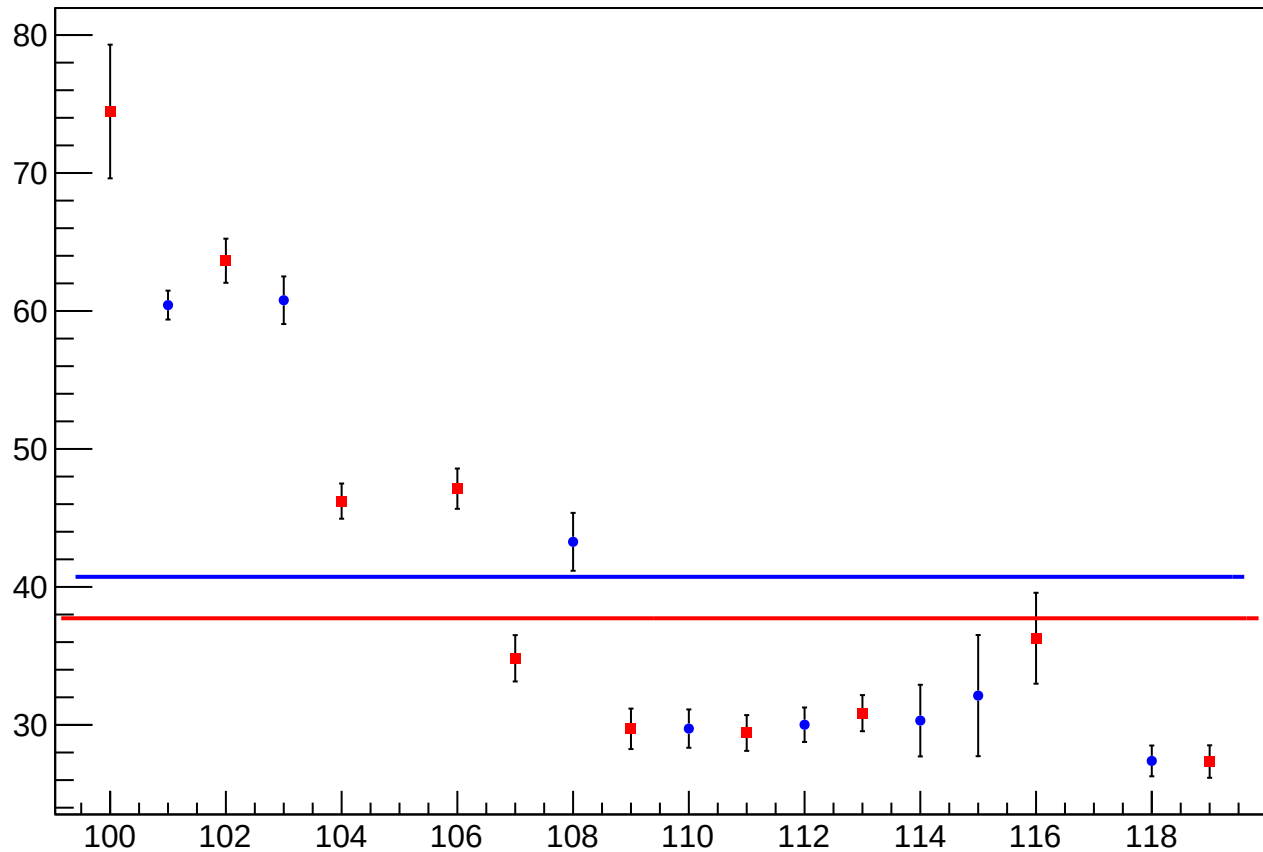
Right: -21.266 $\pm$ 0.293 χ^2 /NDF: 798.3/17

In: -21.946 $\pm$ 0.455 χ^2 /NDF:358.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -21.266 $\pm$ 0.293 χ^2 /NDF: 798.3/17

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 40.732+/-0.524 χ^2/NDF : 790.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.727+/-0.481 χ^2/NDF : 585.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

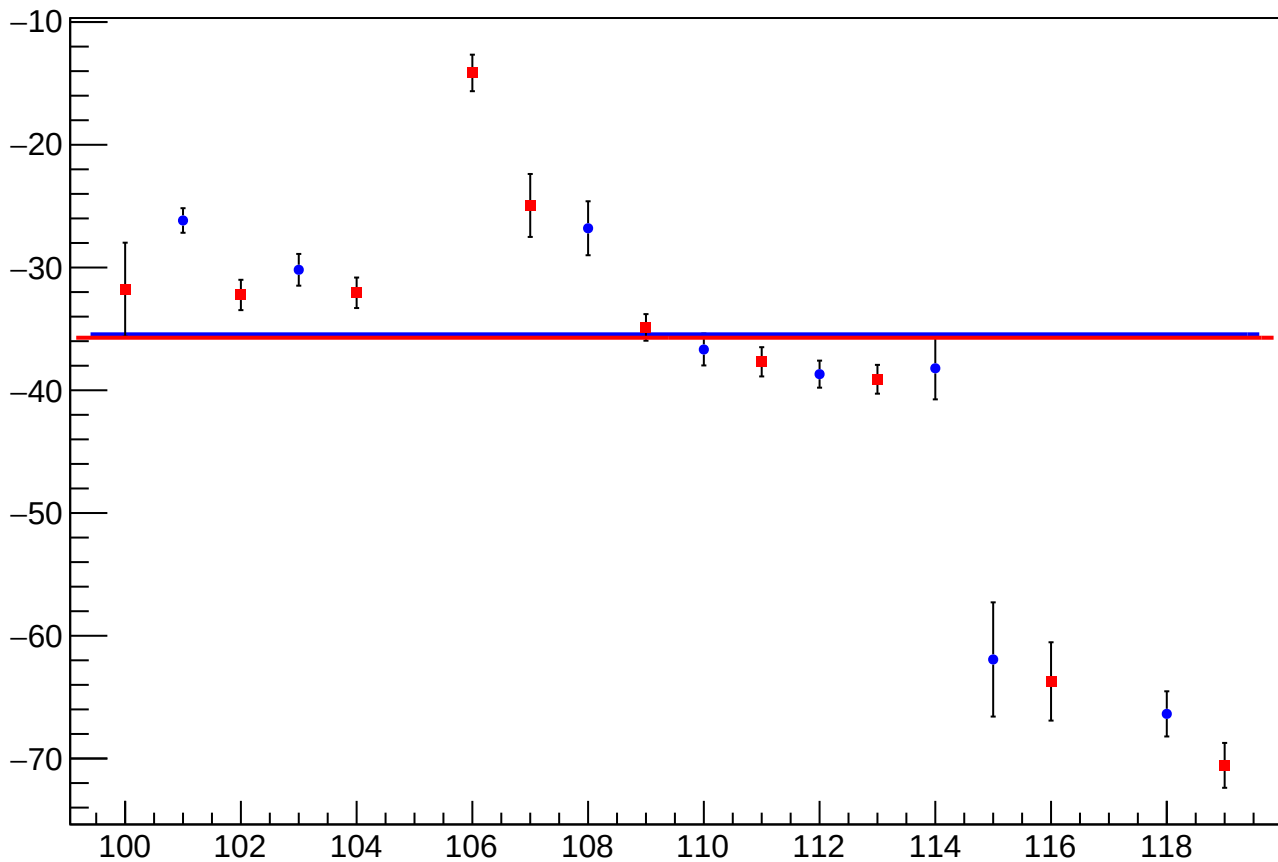
Right: 39.099+/-0.354 χ^2/NDF : 1393.5/17

In: 40.732+/-0.524 χ^2/NDF : 790.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.099+/-0.354 χ^2/NDF : 1393.5/17

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -35.443+/-0.519 χ^2/NDF : 443.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.719+/-0.463 χ^2/NDF : 697.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

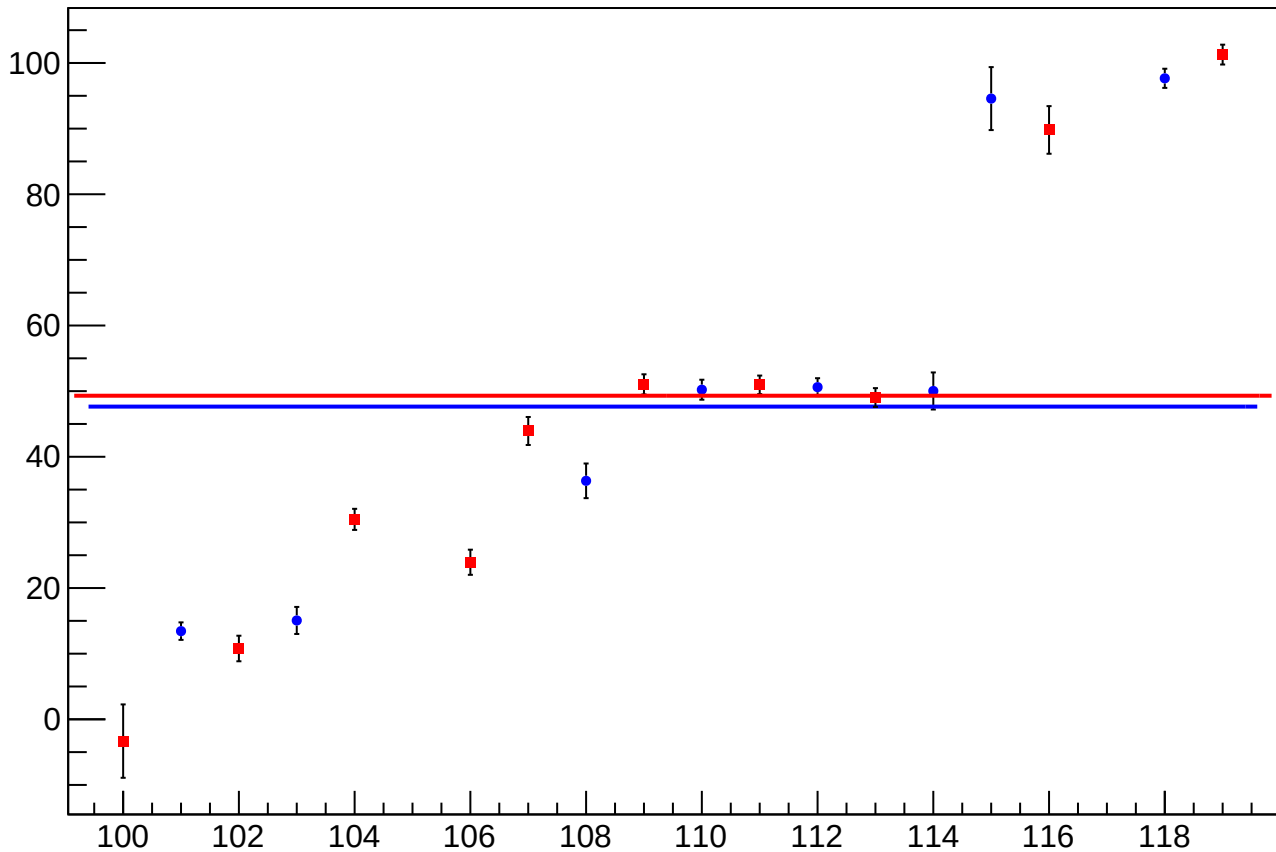
Right: -35.596+/-0.346 χ^2/NDF : 1140.8/17

In: -35.443+/-0.519 χ^2/NDF : 443.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.596+/-0.346 χ^2/NDF : 1140.8/17

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.645+/-0.626 χ^2/NDF : 2208.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.302+/-0.568 χ^2/NDF : 2107.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

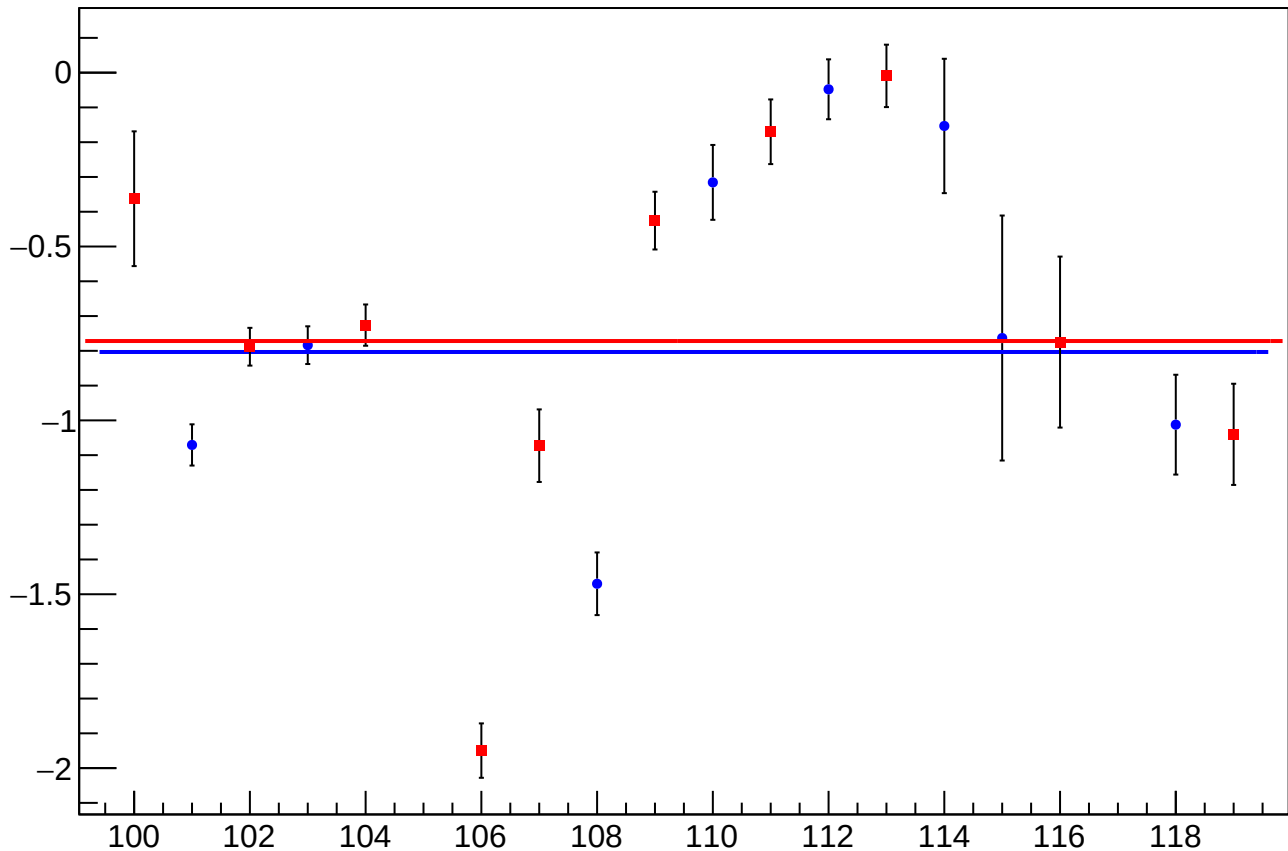
Right: 48.554+/-0.420 χ^2/NDF : 4320.0/17

In: 47.645+/-0.626 χ^2/NDF :2208.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 48.554+/-0.420 χ^2/NDF : 4320.0/17

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.803 ± 0.031 χ^2/NDF : 186.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.772 ± 0.027 χ^2/NDF : 375.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

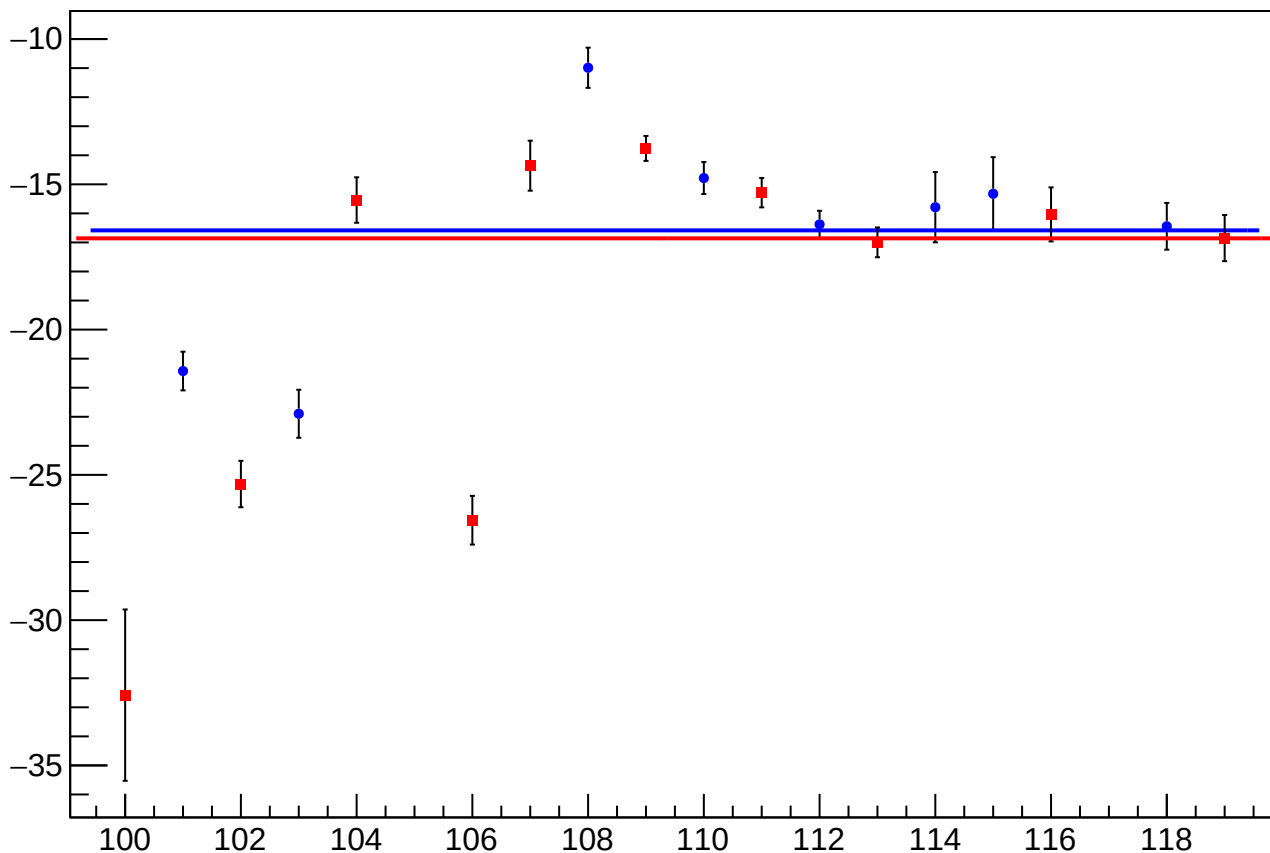
Right: -0.786 ± 0.020 χ^2/NDF : 561.7/17

In: -0.803 ± 0.031 χ^2/NDF : 186.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.786 ± 0.020 χ^2/NDF : 561.7/17

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.585+/-0.246 χ^2/NDF : 189.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.859+/-0.213 χ^2/NDF : 348.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

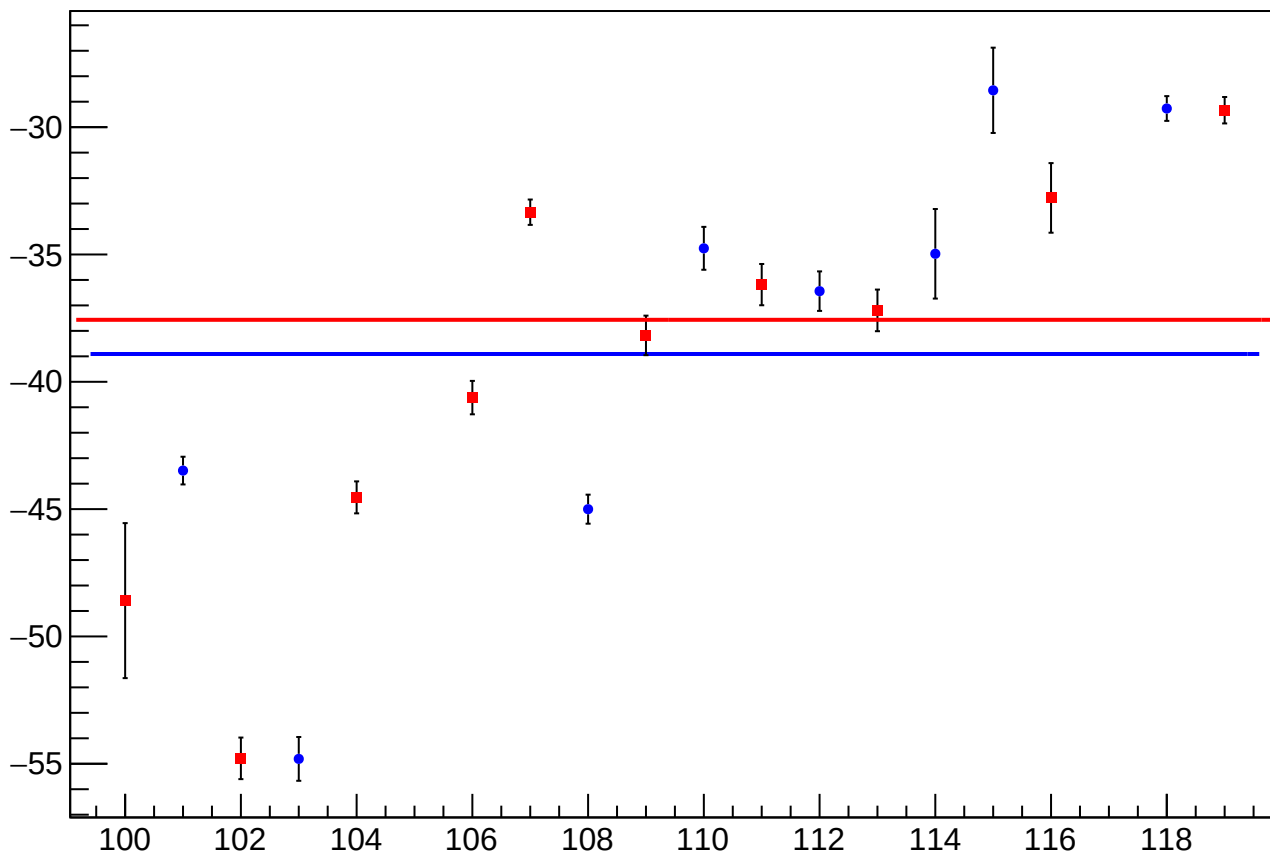
Right: -16.741+/-0.161 χ^2/NDF : 538.0/17

In: -16.585+/-0.246 χ^2/NDF : 189.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.741+/-0.161 χ^2/NDF : 538.0/17

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -38.908 ± 0.252 $\chi^2/\text{NDF}: 998.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -37.566 ± 0.227 $\chi^2/\text{NDF}: 942.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

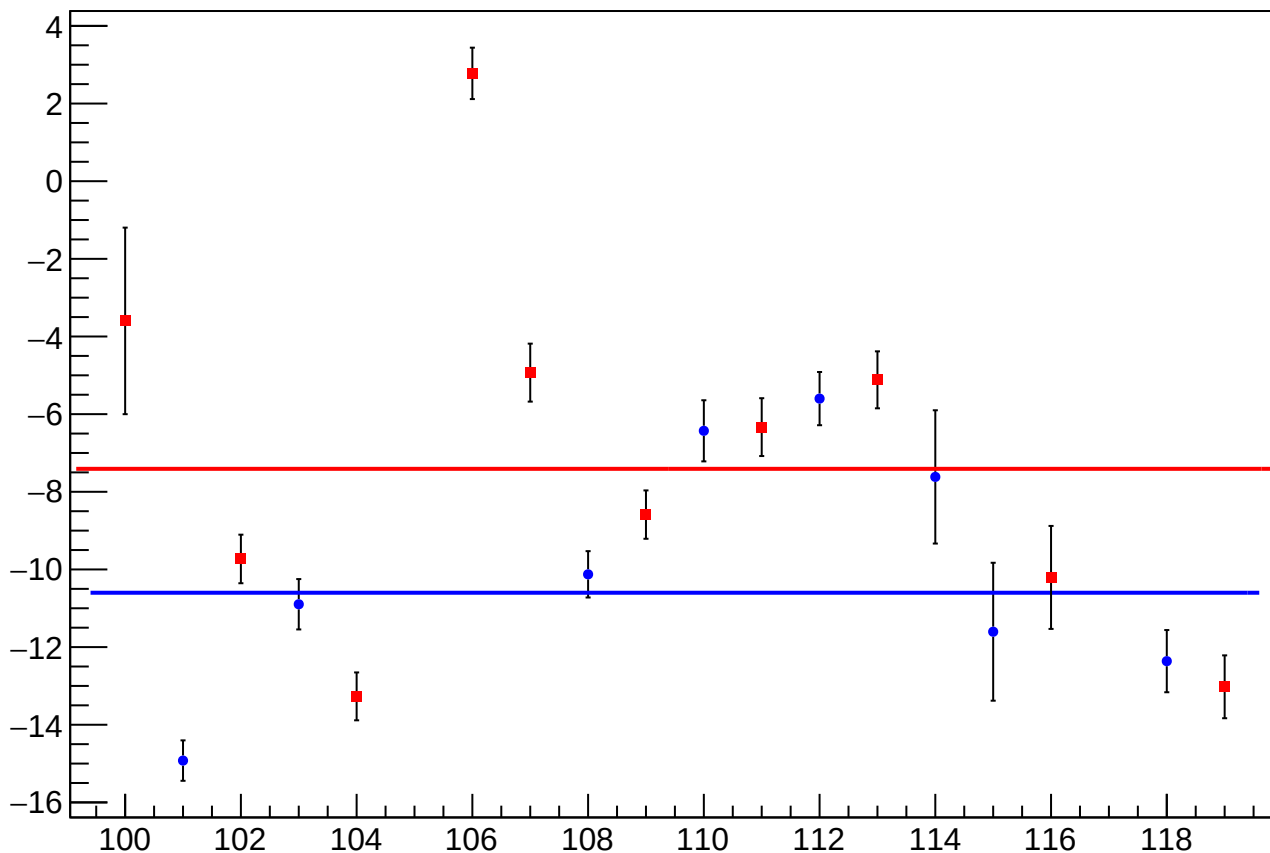
Right: -38.168 ± 0.168 $\chi^2/\text{NDF}: 1956.5/17$

In: -38.908 ± 0.252 $\chi^2/\text{NDF}: 998.0/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -38.168 ± 0.168 $\chi^2/\text{NDF}: 1956.5/17$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -10.600 $\pm$ 0.260 χ^2 /NDF: 159.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.408 $\pm$ 0.237 χ^2 /NDF: 422.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

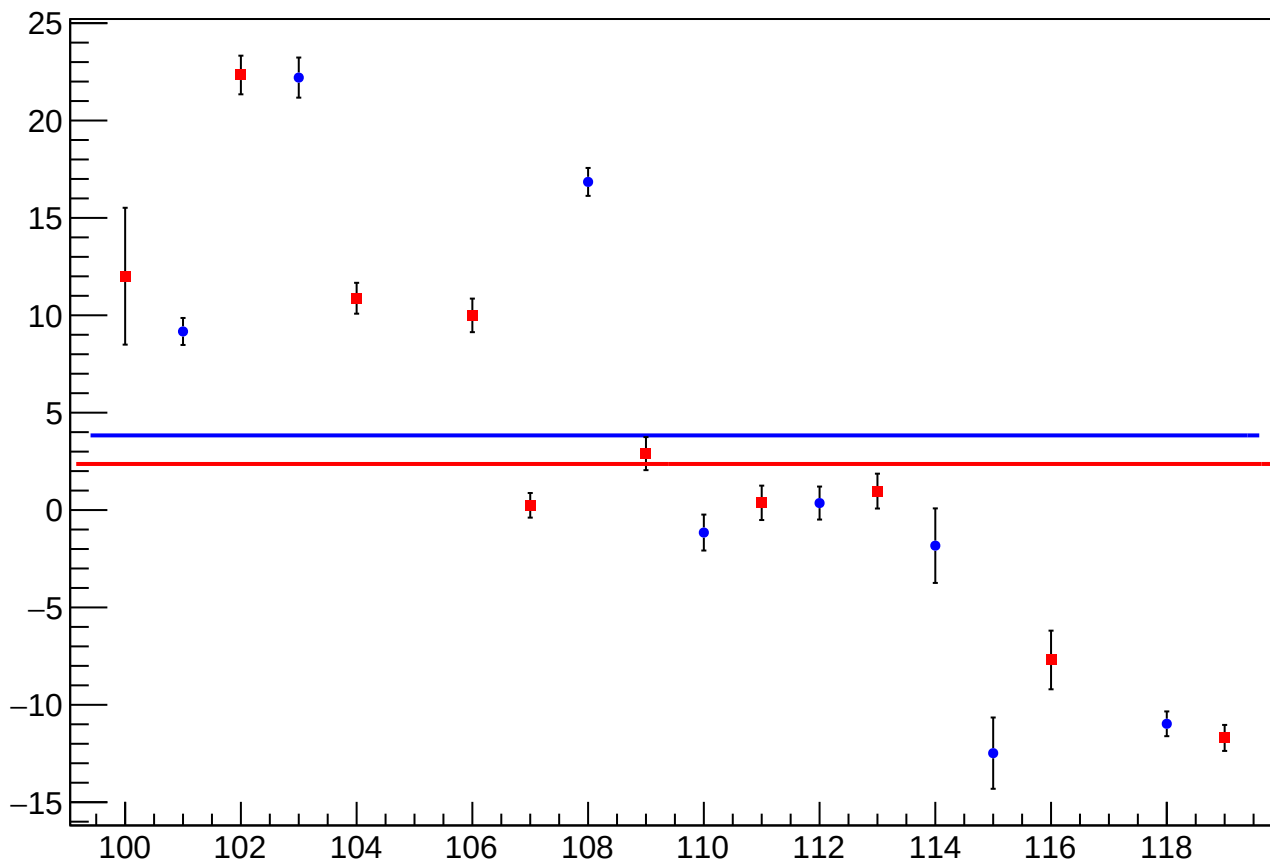
Right: -8.860 $\pm$ 0.175 χ^2 /NDF: 663.9/17

In: -10.600 $\pm$ 0.260 χ^2 /NDF:159.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -8.860 $\pm$ 0.175 χ^2 /NDF: 663.9/17

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.833+/-0.307 χ^2/NDF : 1384.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.366+/-0.276 χ^2/NDF : 1114.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

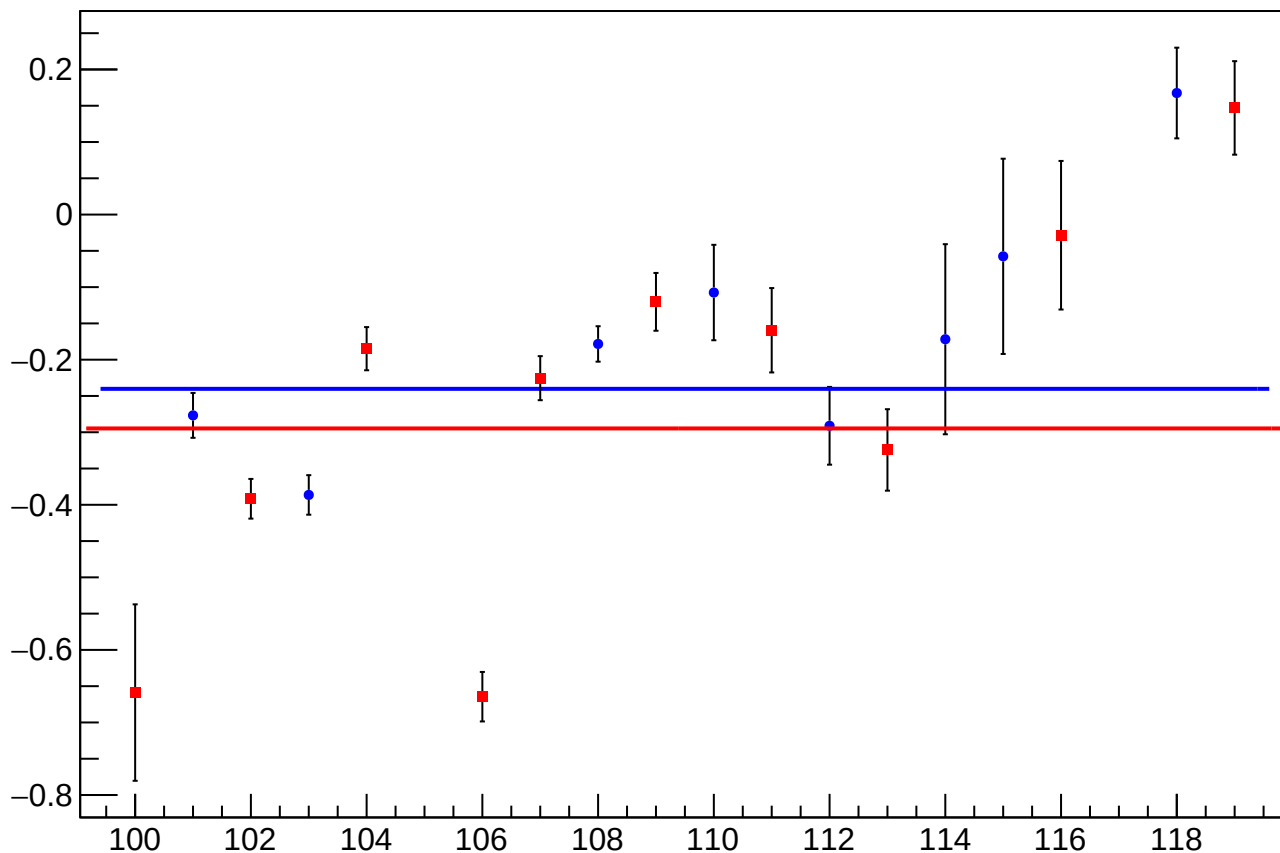
Right: 3.020+/-0.205 χ^2/NDF : 2511.3/17

In: 3.833+/-0.307 χ^2/NDF : 1384.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.020+/-0.205 χ^2/NDF : 2511.3/17

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.240 ± 0.014 χ^2/NDF : 86.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.295 ± 0.013 χ^2/NDF : 236.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

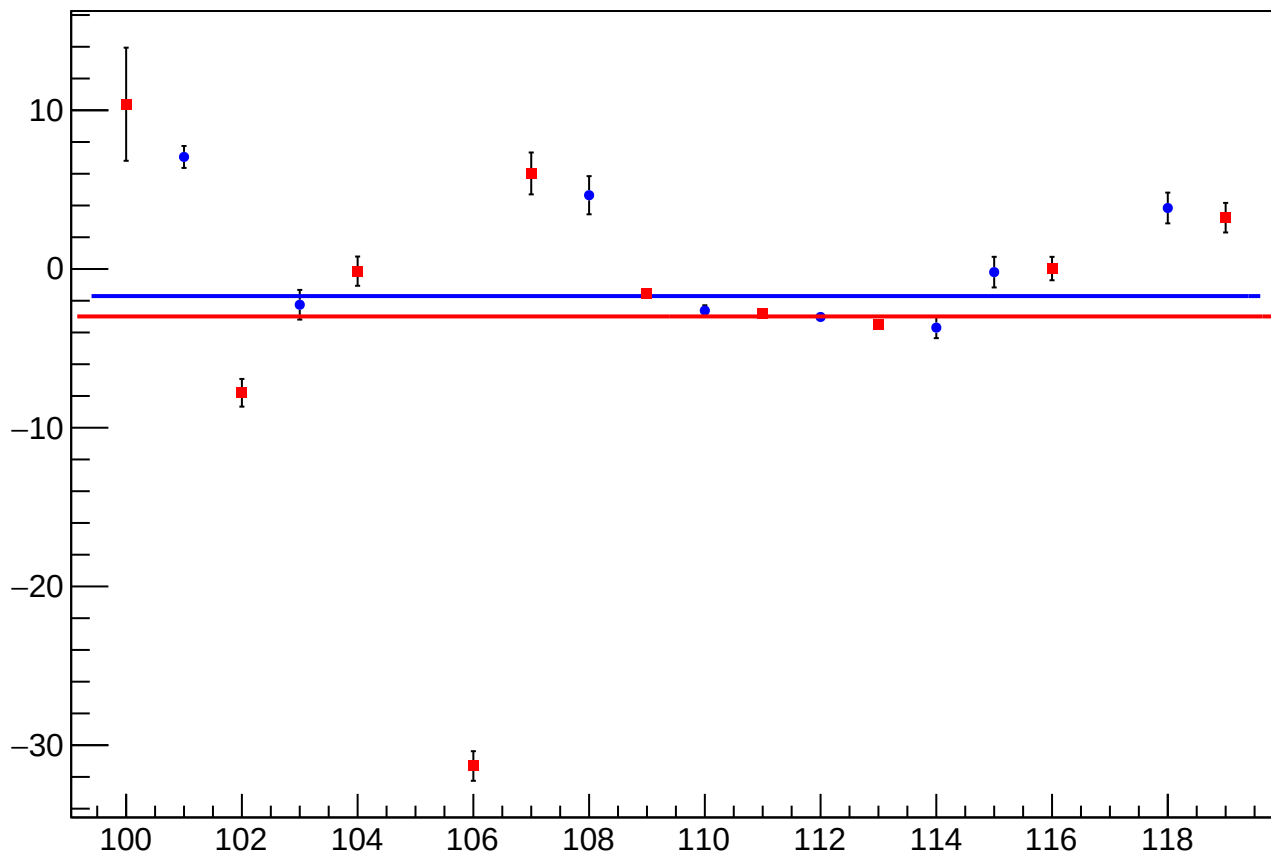
Right: -0.270 ± 0.010 χ^2/NDF : 330.9/17

In: -0.240 ± 0.014 χ^2/NDF : 86.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.270 ± 0.010 χ^2/NDF : 330.9/17

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.707+/-0.182 χ^2/NDF : 263.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.989+/-0.153 χ^2/NDF : 1116.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

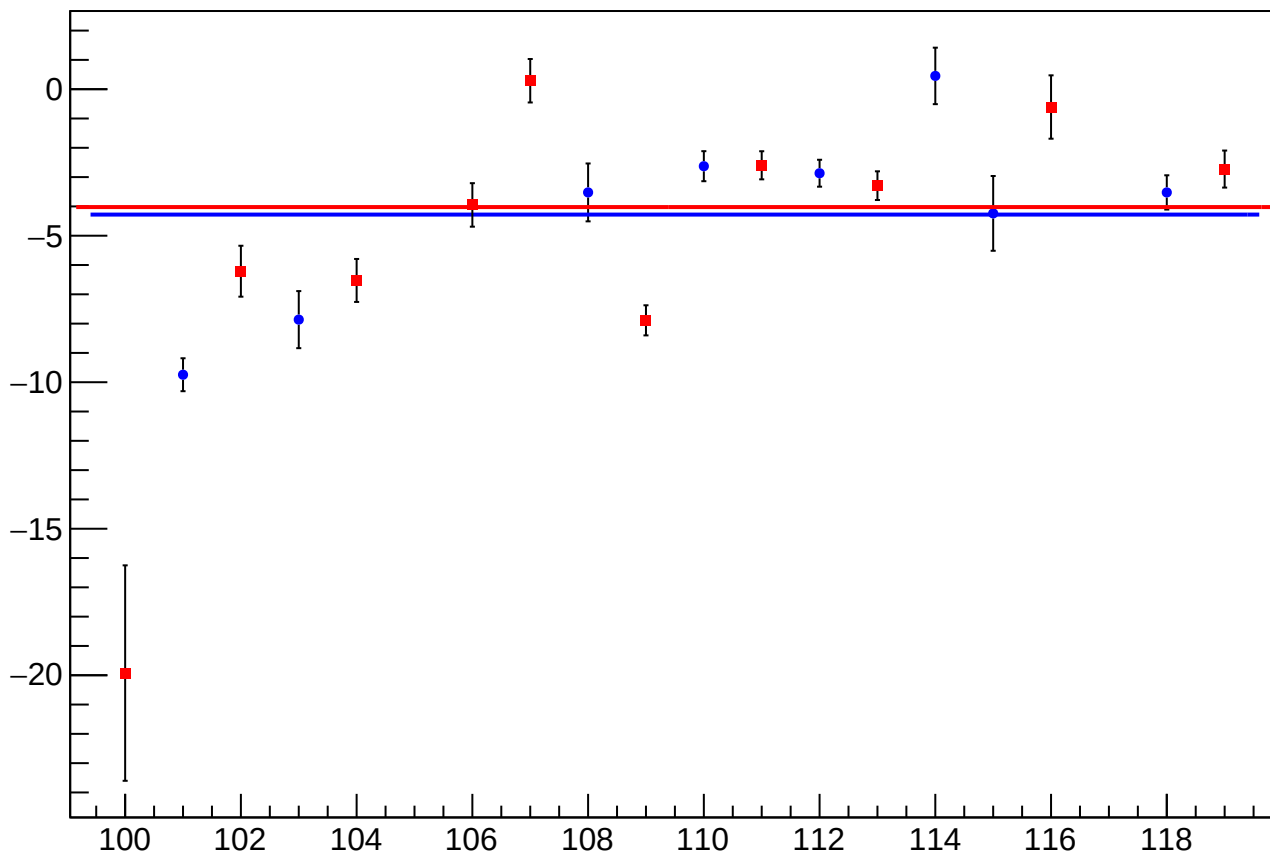
Right: -2.458+/-0.117 χ^2/NDF : 1409.3/17

In: -1.707+/-0.182 χ^2/NDF :263.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.458+/-0.117 χ^2/NDF : 1409.3/17

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.279+/-0.233 χ^2/NDF : 154.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.023+/-0.211 χ^2/NDF : 152.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

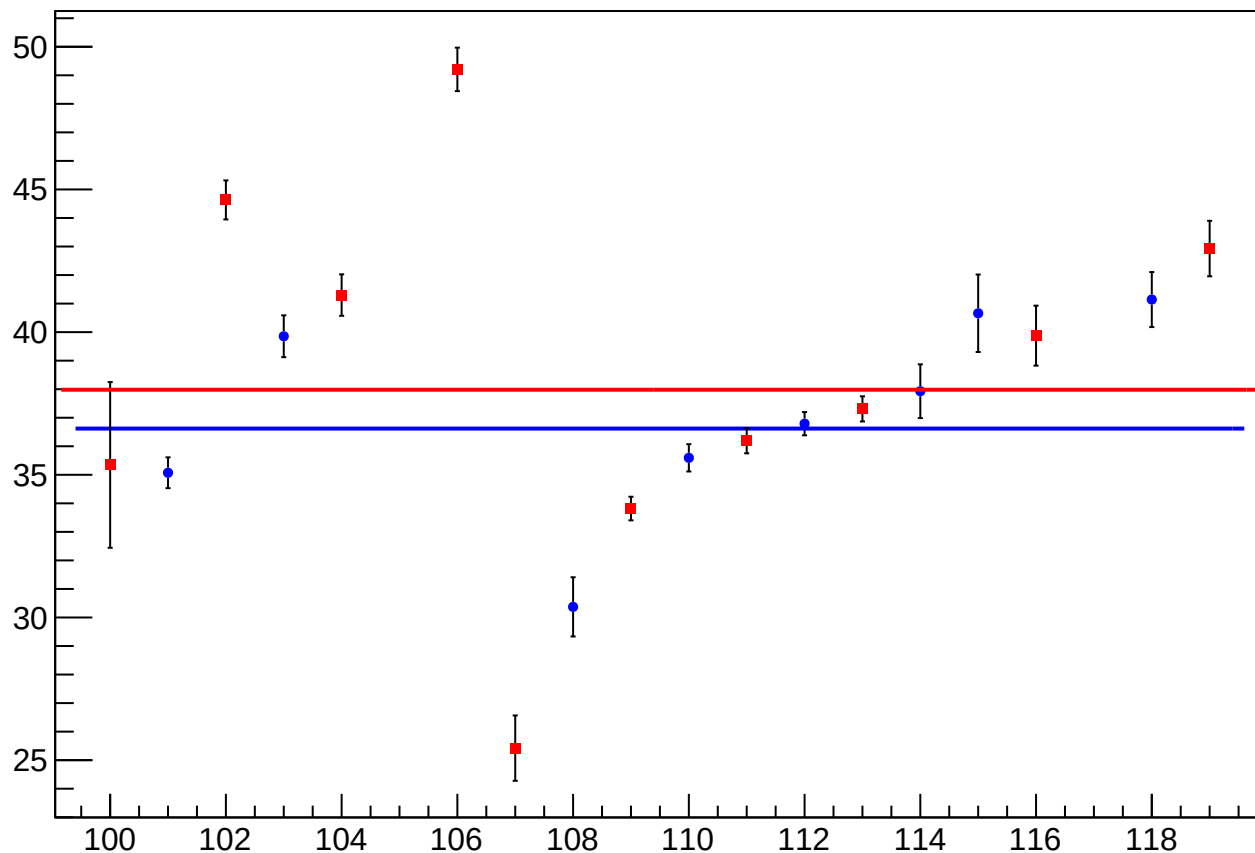
Right: -4.138+/-0.156 χ^2/NDF : 307.3/17

In: -4.279+/-0.233 χ^2/NDF :154.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.138+/-0.156 χ^2/NDF : 307.3/17

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 36.621+/-0.227 χ^2/NDF : 101.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.981+/-0.201 χ^2/NDF : 603.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

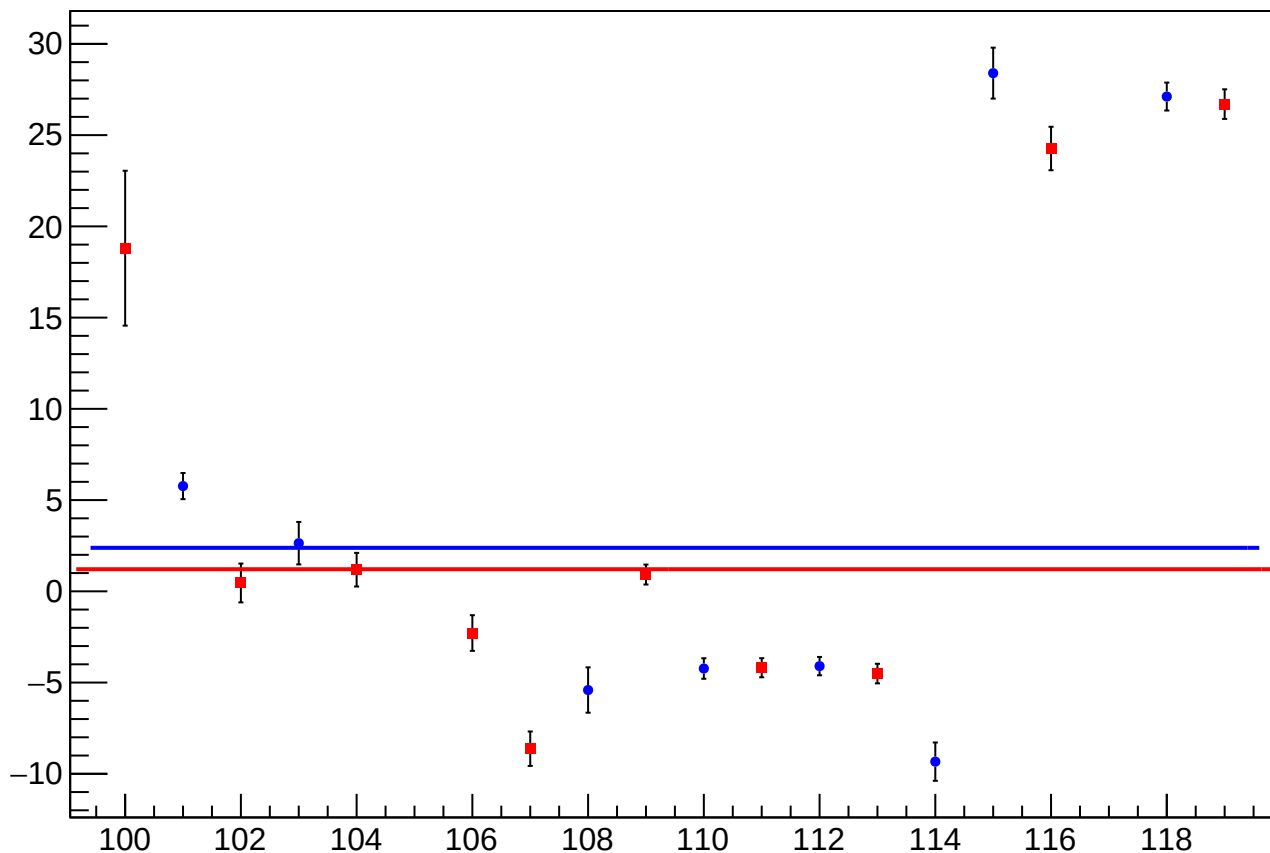
Right: 37.384+/-0.151 χ^2/NDF : 724.9/17

In: 36.621+/-0.227 χ^2/NDF : 101.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.384+/-0.151 χ^2/NDF : 724.9/17

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.384+/-0.271 χ^2/NDF : 1882.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.211+/-0.243 χ^2/NDF : 1722.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

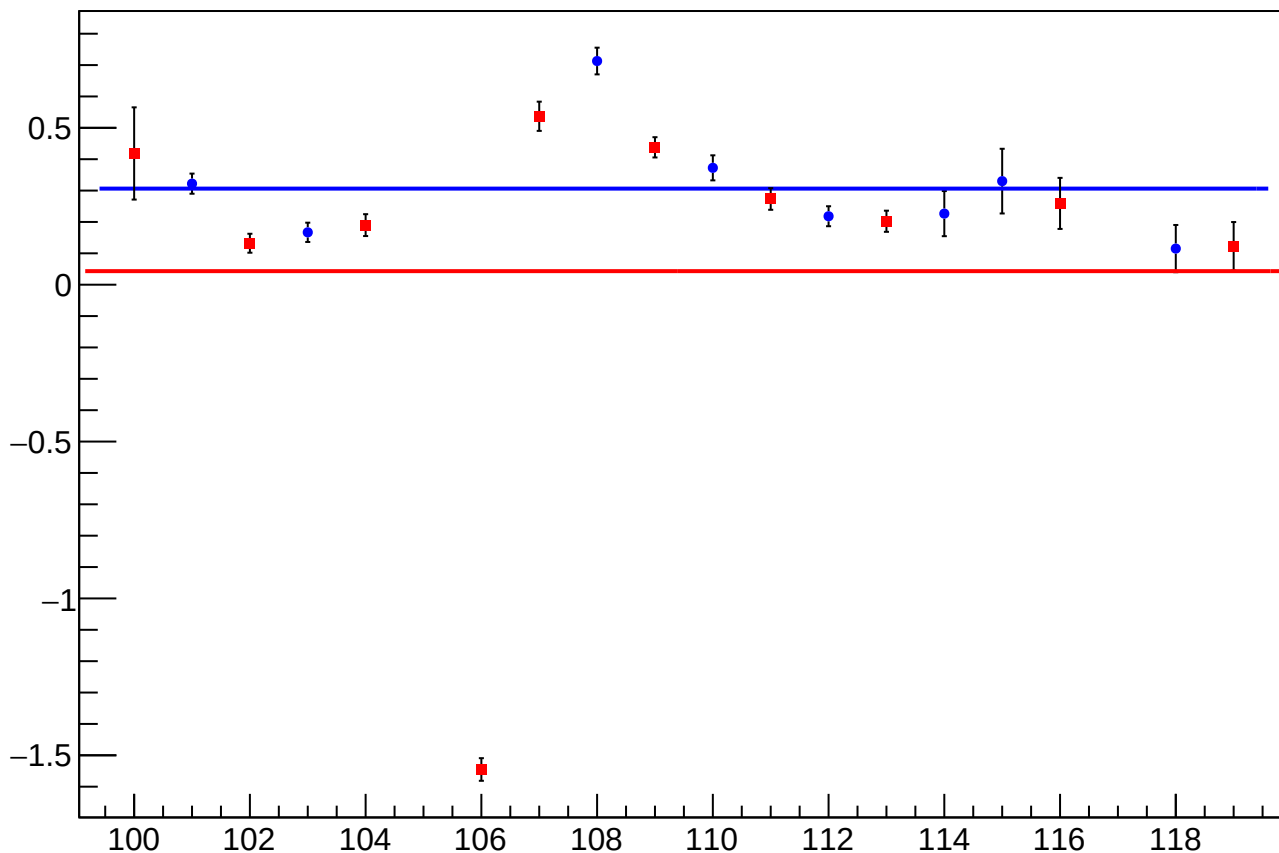
Right: 1.732+/-0.181 χ^2/NDF : 3615.1/17

In: 2.384+/-0.271 χ^2/NDF : 1882.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.732+/-0.181 χ^2/NDF : 3615.1/17

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.306 $\pm$ 0.015 χ^2 /NDF: 130.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.043 $\pm$ 0.013 χ^2 /NDF: 2308.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

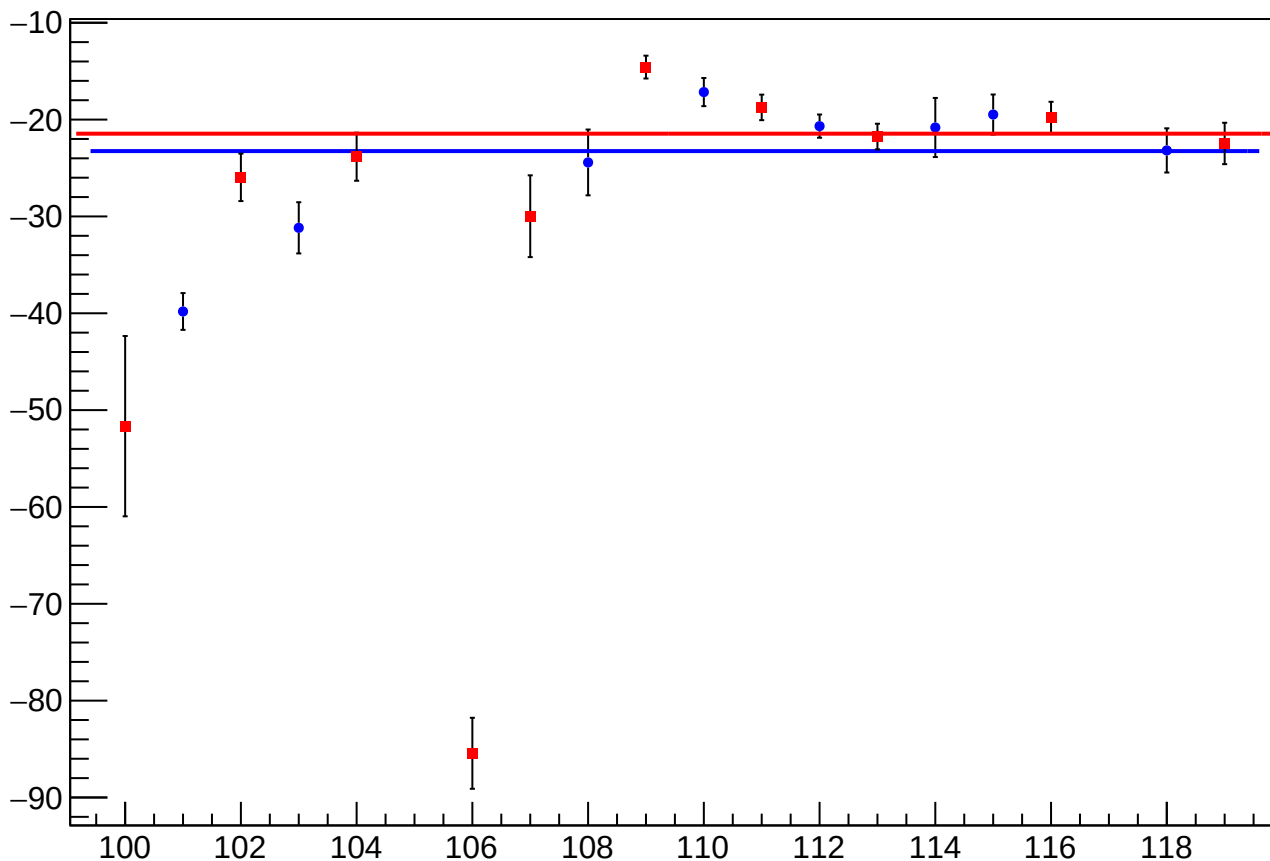
Right: 0.156 $\pm$ 0.010 χ^2 /NDF: 2623.1/17

In: 0.306 $\pm$ 0.015 χ^2 /NDF:130.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.156 $\pm$ 0.010 χ^2 /NDF: 2623.1/17

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.253+/-0.673 χ^2/NDF : 111.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.454+/-0.585 χ^2/NDF : 363.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

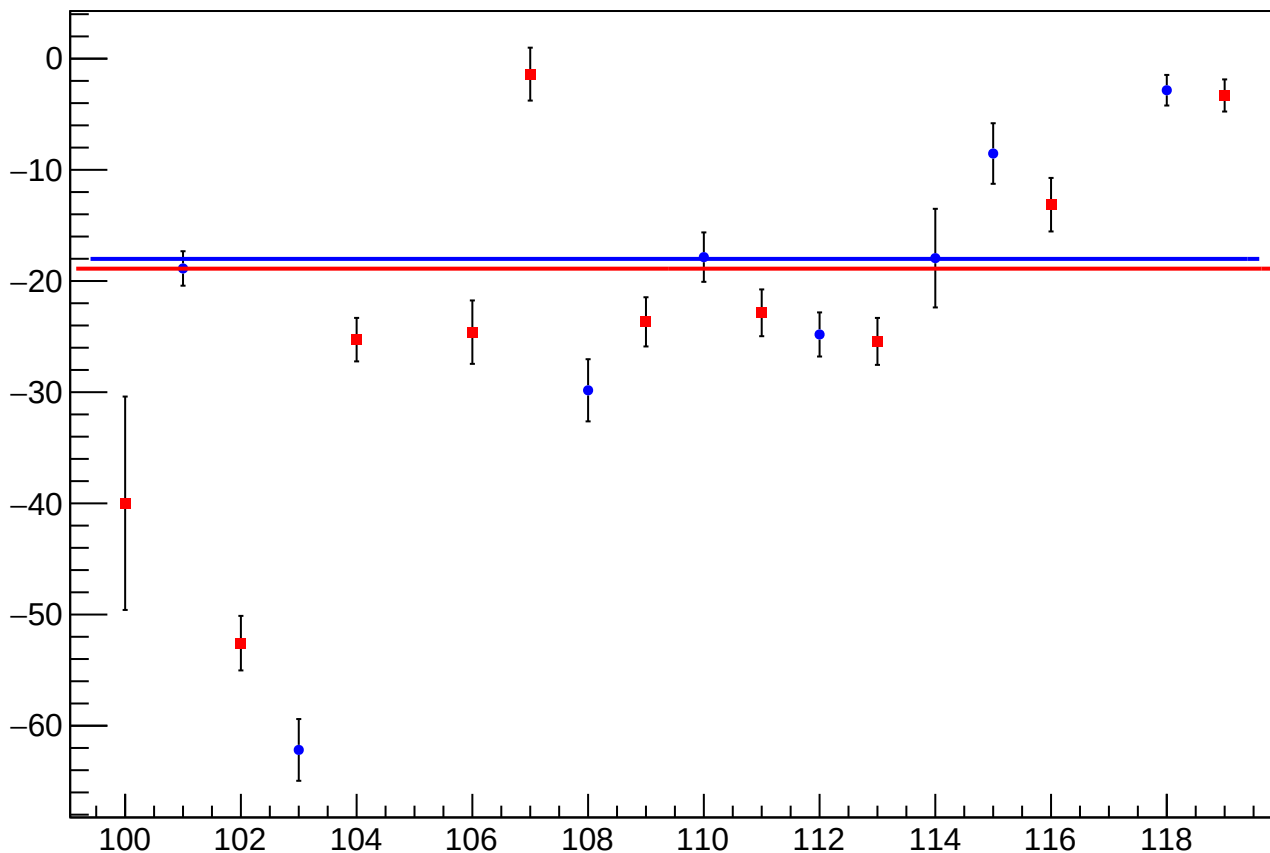
Right: -22.229+/-0.442 χ^2/NDF : 478.4/17

In: -23.253+/-0.673 χ^2/NDF : 111.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.229+/-0.442 χ^2/NDF : 478.4/17

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -18.011 $\pm$ 0.736 χ^2 /NDF: 416.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -18.889 $\pm$ 0.700 χ^2 /NDF: 401.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

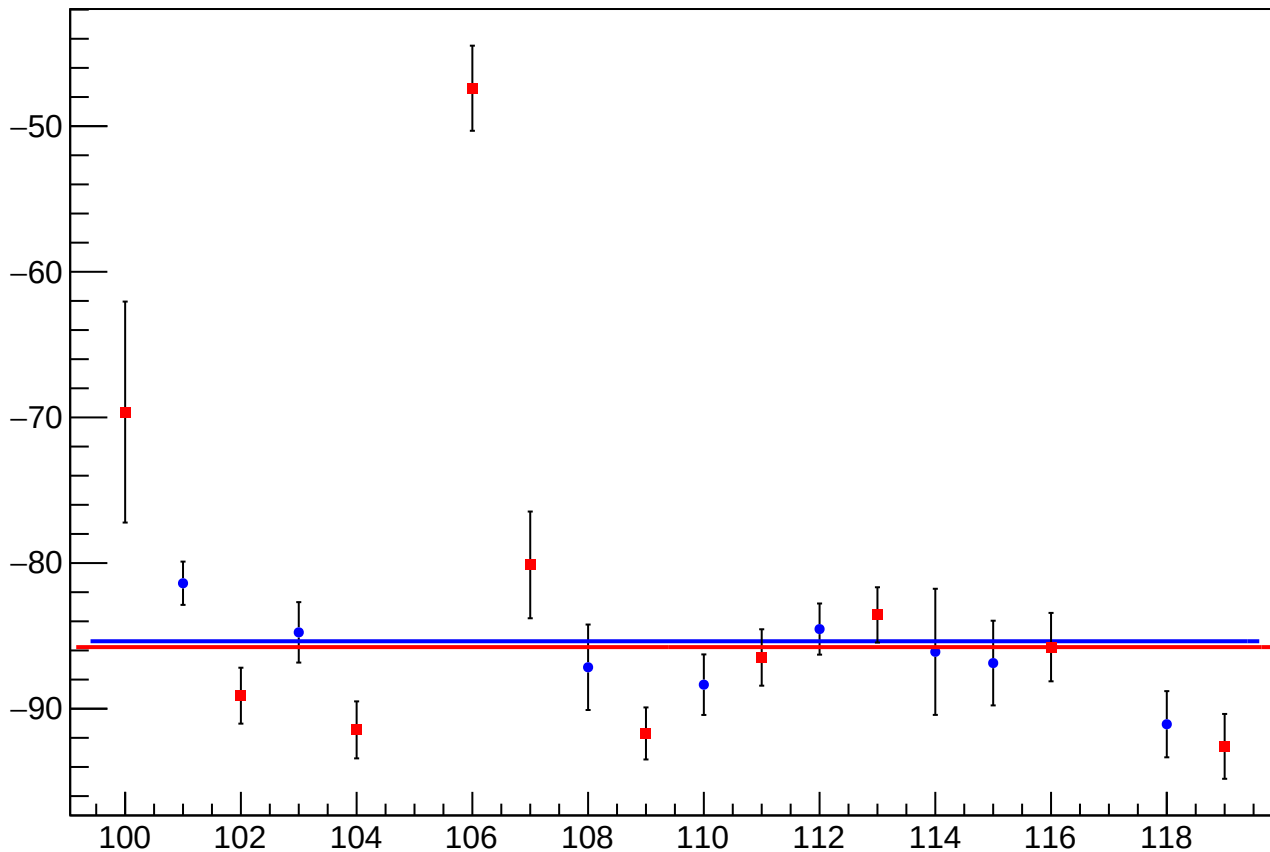
Right: -18.472 $\pm$ 0.507 χ^2 /NDF: 819.0/17

In: -18.011 $\pm$ 0.736 χ^2 /NDF:416.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -18.472 $\pm$ 0.507 χ^2 /NDF: 819.0/17

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -85.368 $\pm$ 0.762 χ^2 /NDF: 16.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.771 $\pm$ 0.710 χ^2 /NDF: 212.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

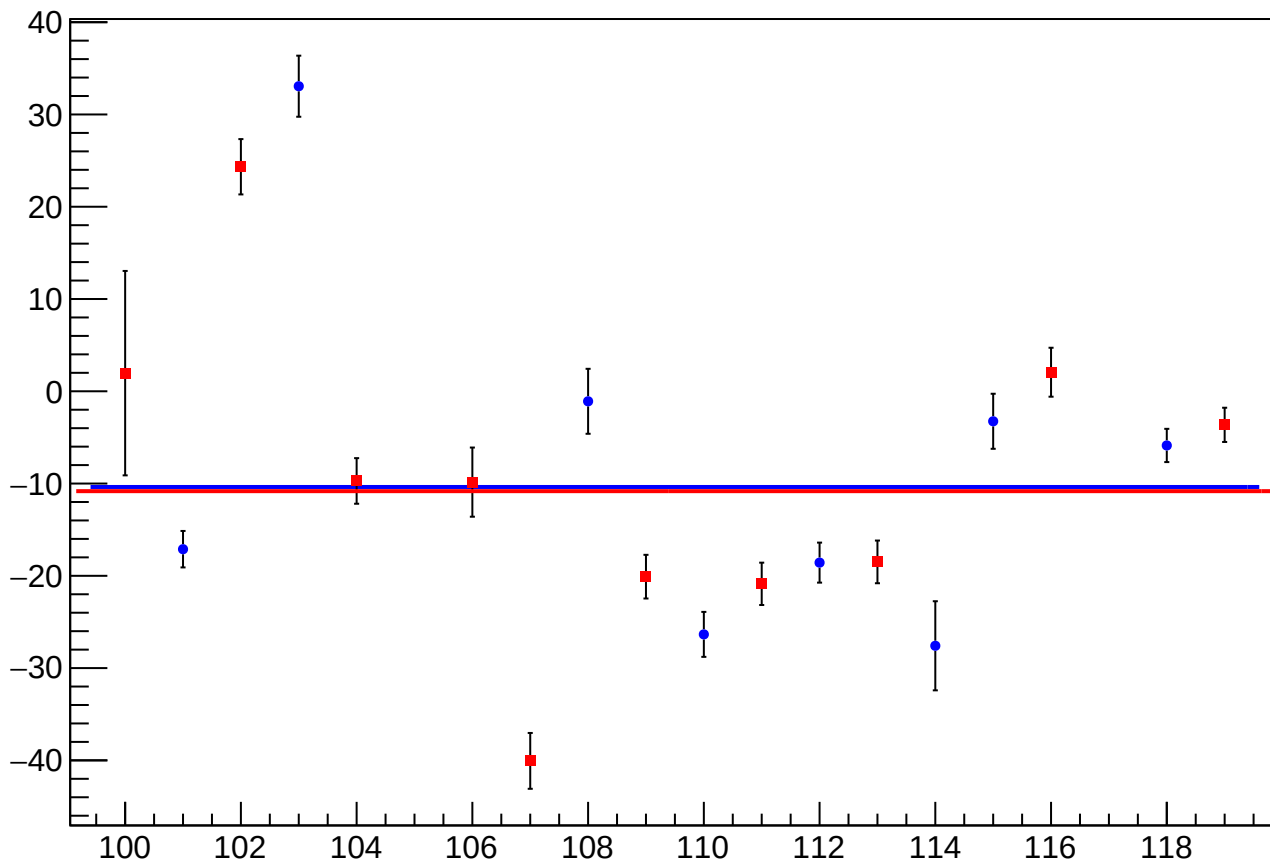
Right: -85.583 $\pm$ 0.520 χ^2 /NDF: 229.3/17

In: -85.368 $\pm$ 0.762 χ^2 /NDF: 16.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.583 $\pm$ 0.520 χ^2 /NDF: 229.3/17

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.372 ± 0.886 $\chi^2/\text{NDF}: 272.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -10.825 ± 0.830 $\chi^2/\text{NDF}: 316.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

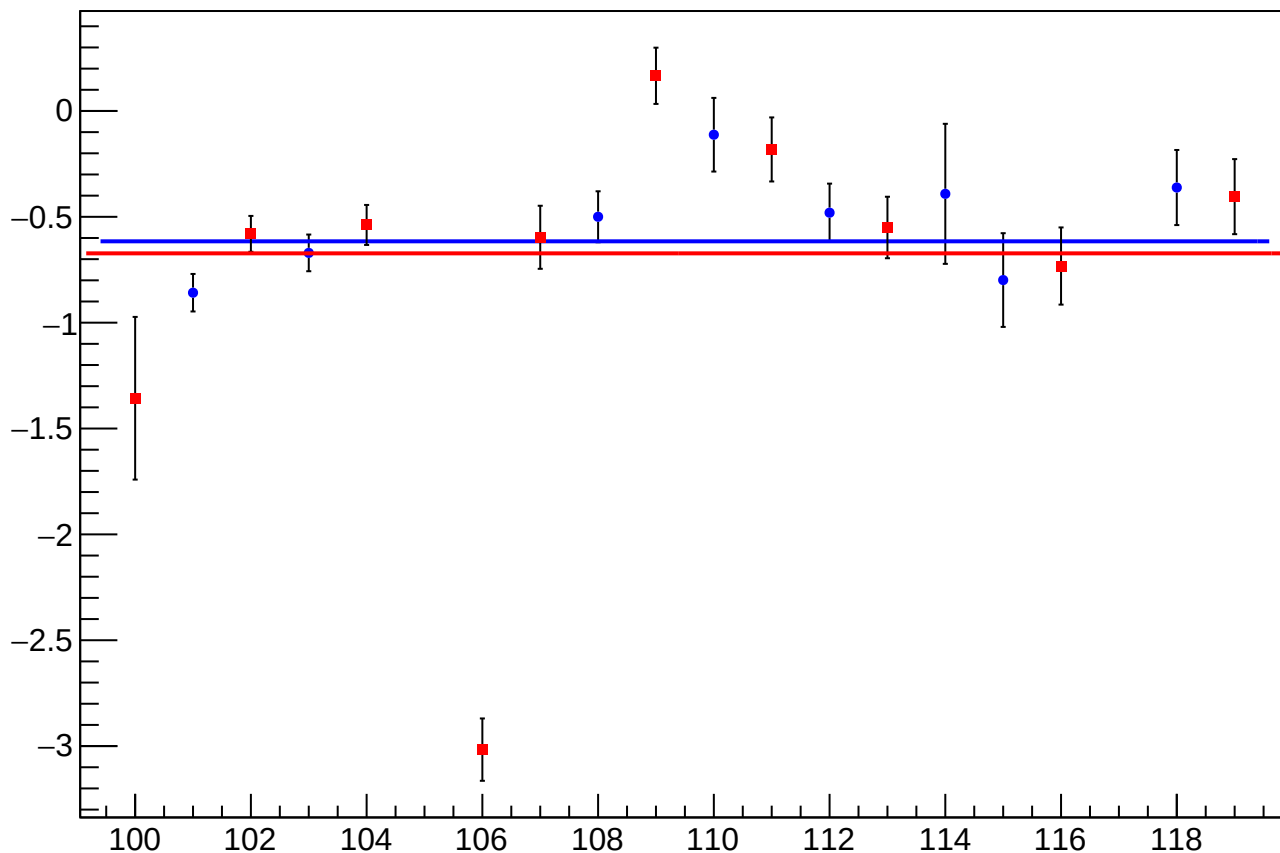
Right: -10.613 ± 0.606 $\chi^2/\text{NDF}: 589.4/17$

In: -10.372 ± 0.886 $\chi^2/\text{NDF}: 272.7/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -10.613 ± 0.606 $\chi^2/\text{NDF}: 589.4/17$

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.616+/-0.046 χ^2/NDF : 21.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.673+/-0.042 χ^2/NDF : 313.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

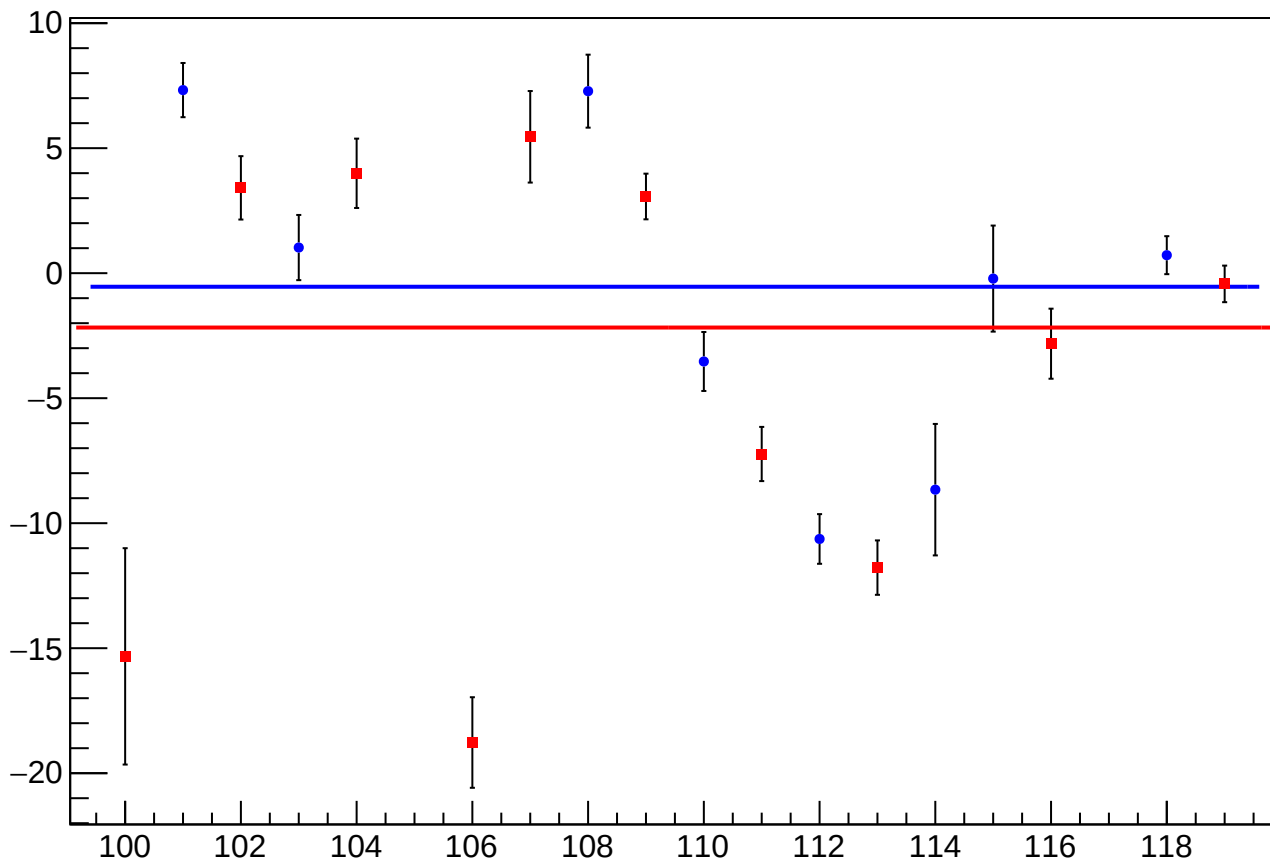
Right: -0.646+/-0.031 χ^2/NDF : 335.8/17

In: -0.616+/-0.046 χ^2/NDF : 21.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.646+/-0.031 χ^2/NDF : 335.8/17

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.543+/-0.417 χ^2/NDF : 204.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.174+/-0.376 χ^2/NDF : 288.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

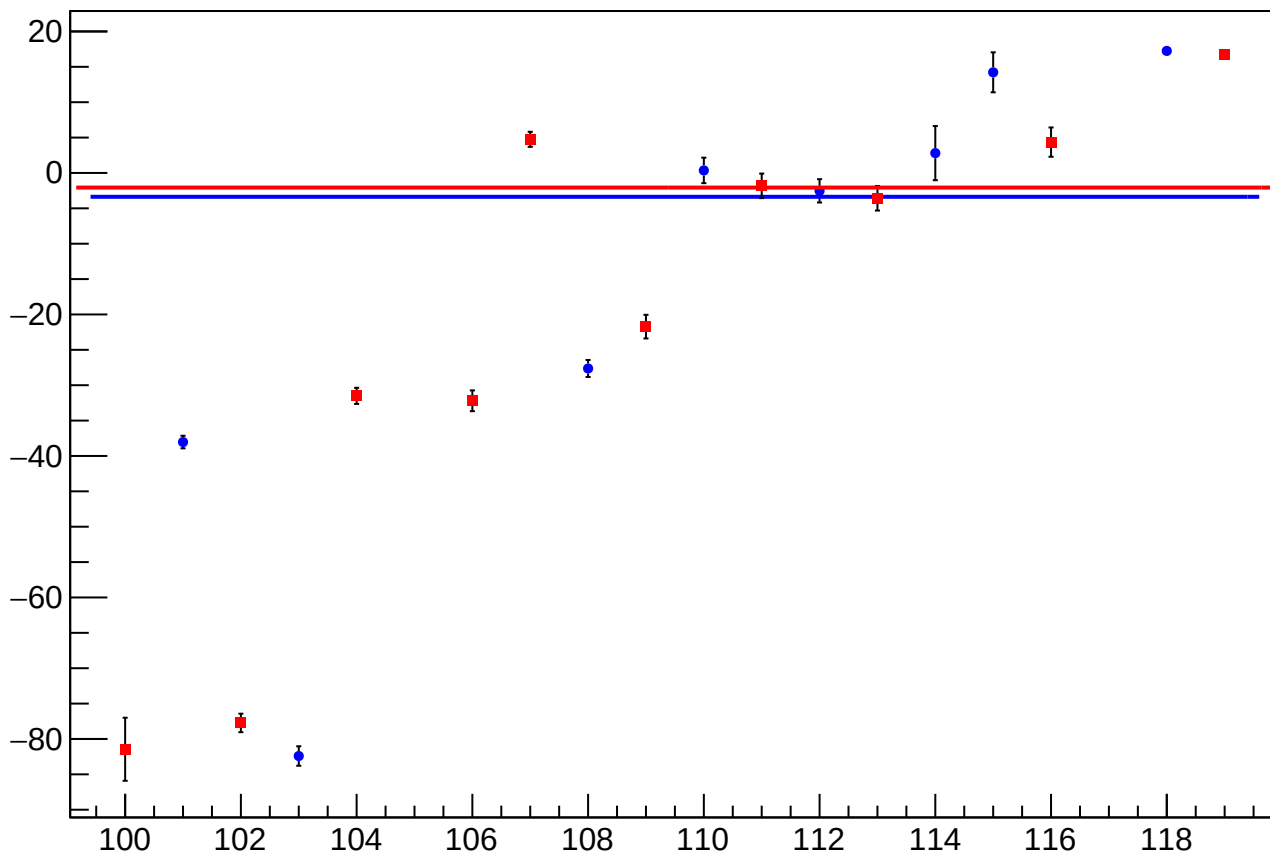
Right: -1.443+/-0.279 χ^2/NDF : 501.4/17

In: -0.543+/-0.417 χ^2/NDF : 204.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.443+/-0.279 χ^2/NDF : 501.4/17

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.370 ± 0.351 χ^2/NDF : 7297.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.066 ± 0.343 χ^2/NDF : 6523.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

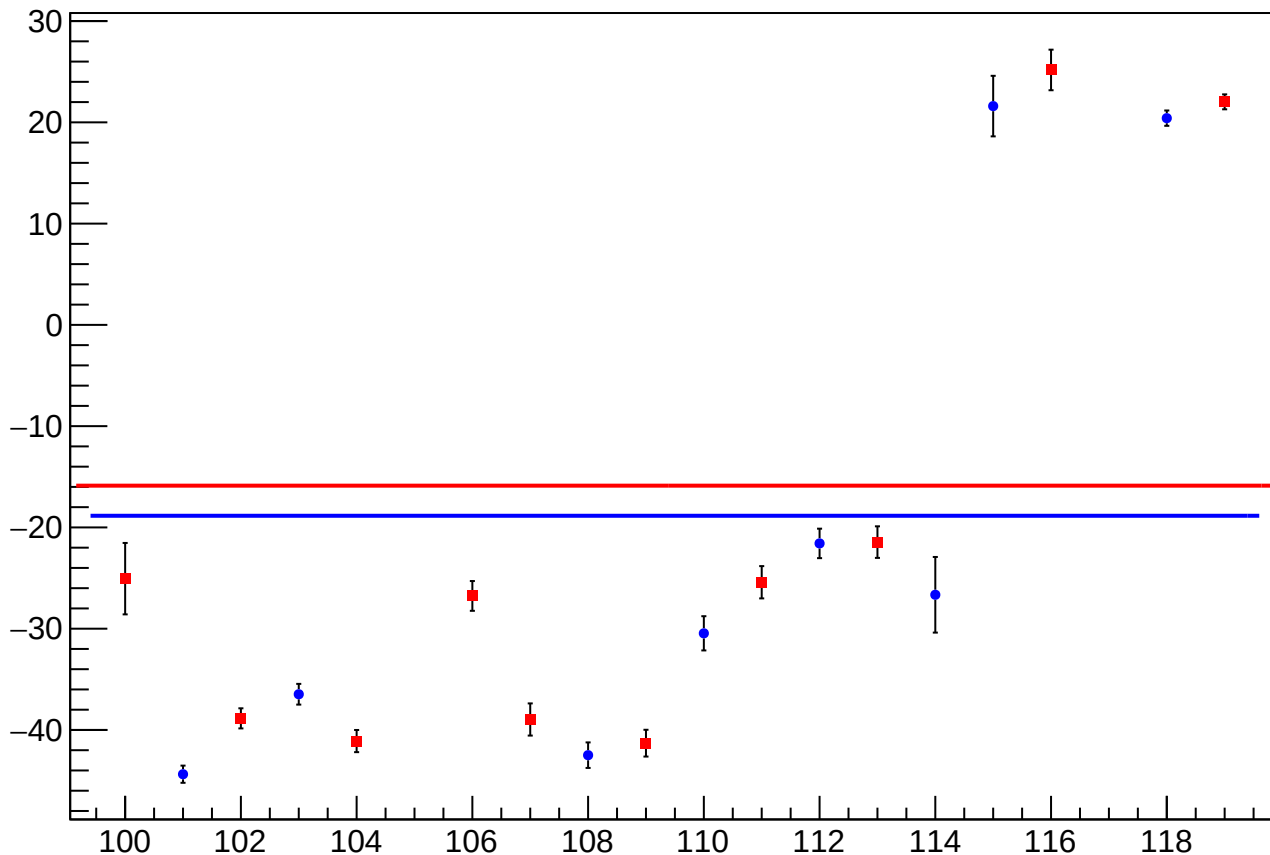
Right: -2.702 ± 0.245 χ^2/NDF : 13828.0/17

In: -3.370 ± 0.351 χ^2/NDF : 7297.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.702 ± 0.245 χ^2/NDF : 13828.0/17

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -18.849+/-0.418 χ^2/NDF : 4482.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -15.876+/-0.400 χ^2/NDF : 4817.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

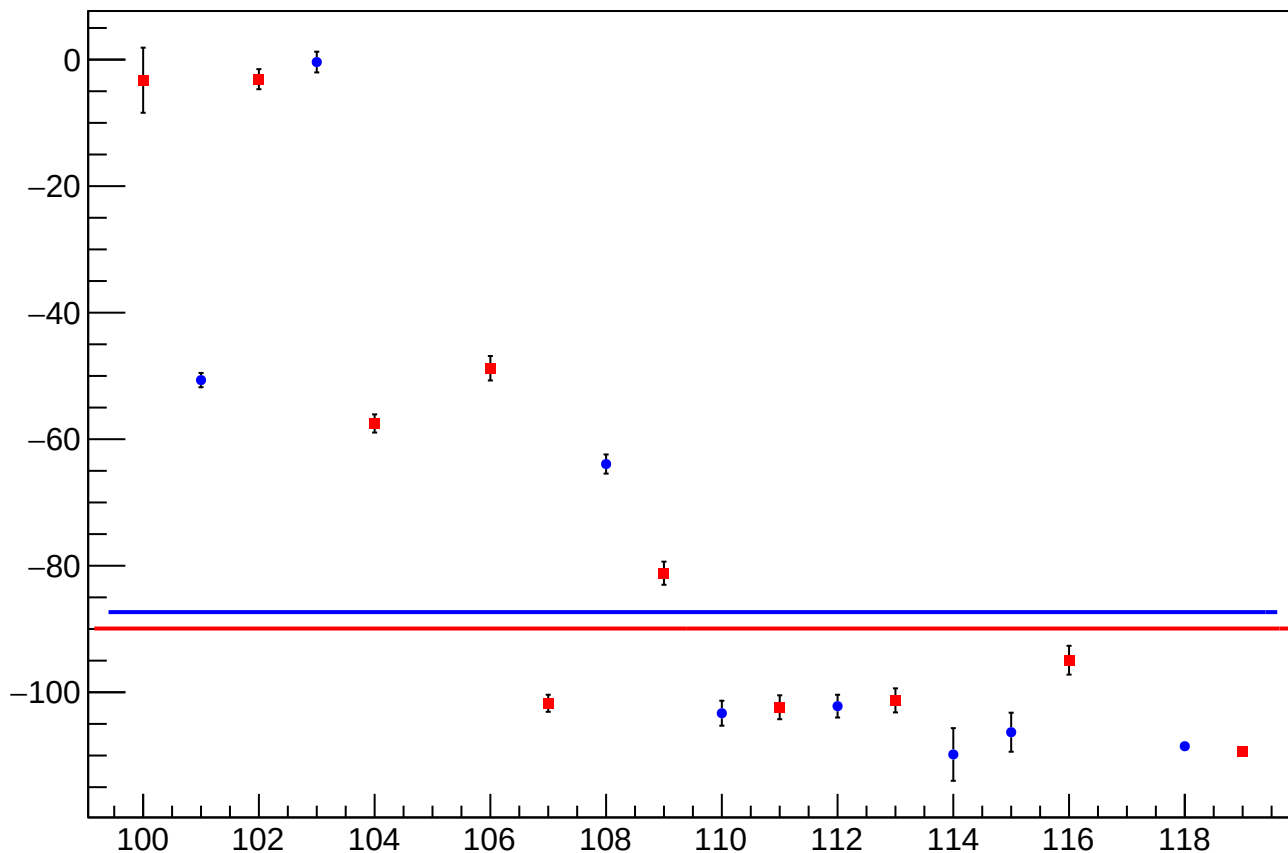
Right: -17.297+/-0.289 χ^2/NDF : 9326.4/17

In: -18.849+/-0.418 χ^2/NDF :4482.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -17.297+/-0.289 χ^2/NDF : 9326.4/17

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -87.332 $\pm$ 0.442 χ^2 /NDF: 5562.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -89.926 $\pm$ 0.426 χ^2 /NDF: 5458.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

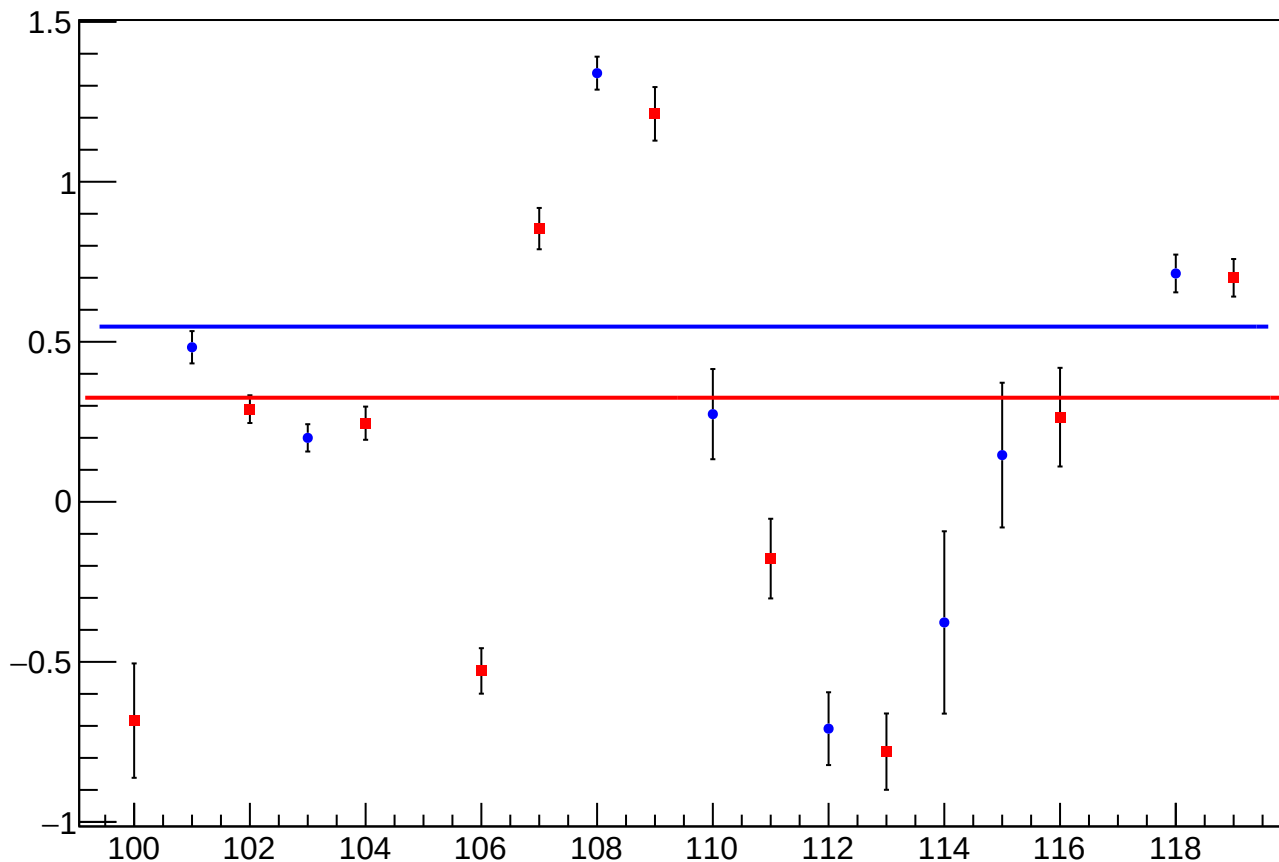
Right: -88.678 $\pm$ 0.307 χ^2 /NDF: 11038.3/17

In: -87.332 $\pm$ 0.442 χ^2 /NDF:5562.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -88.678 $\pm$ 0.307 χ^2 /NDF: 11038.3/17

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.547+/-0.024 χ^2/NDF : 451.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.325+/-0.022 χ^2/NDF : 501.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

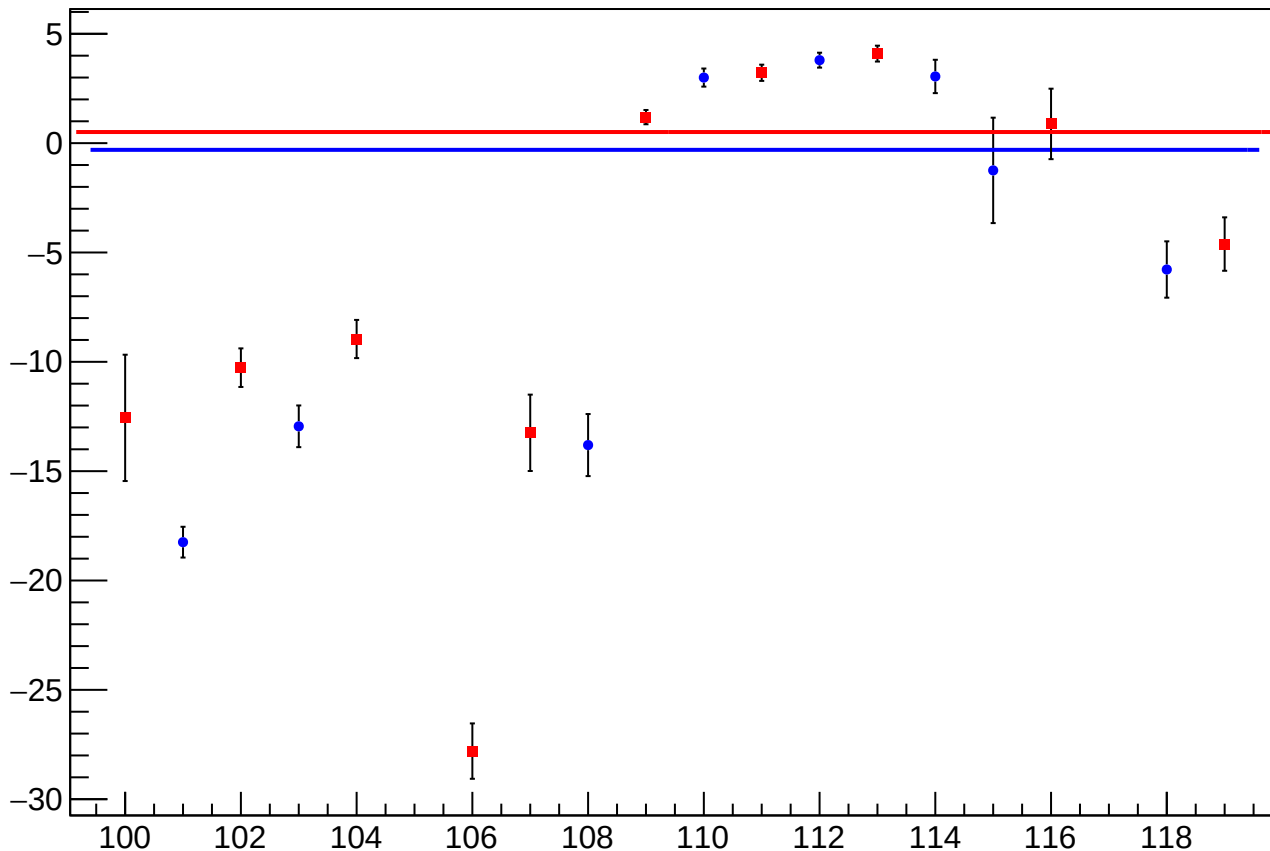
Right: 0.430+/-0.016 χ^2/NDF : 999.6/17

In: 0.547+/-0.024 χ^2/NDF : 451.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.430+/-0.016 χ^2/NDF : 999.6/17

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.306+/-0.221 χ^2/NDF : 1162.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.509+/-0.186 χ^2/NDF : 1022.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

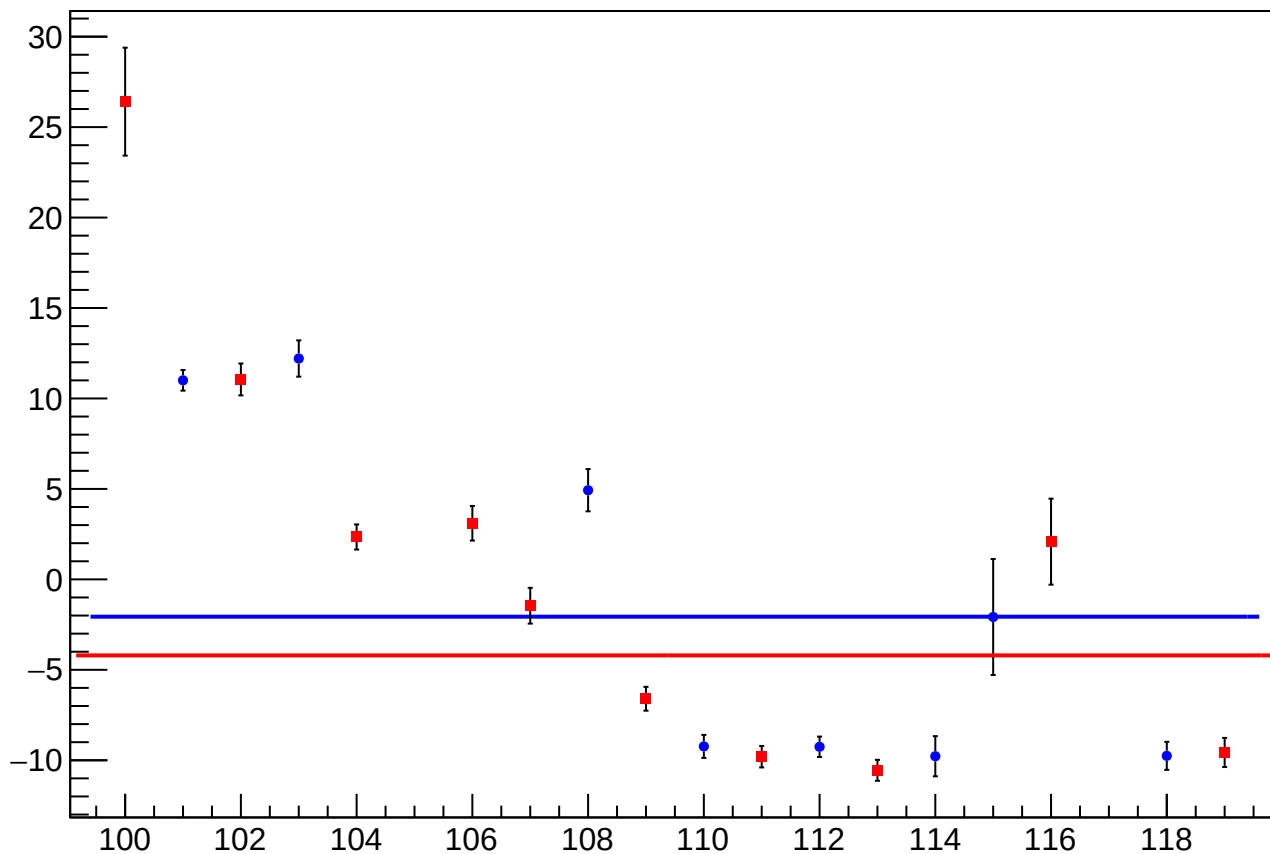
Right: 0.170+/-0.142 χ^2/NDF : 2192.1/17

In: -0.306+/-0.221 χ^2/NDF :1162.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.170+/-0.142 χ^2/NDF : 2192.1/17

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.063 ± 0.278 χ^2/NDF : 1196.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.201 ± 0.255 χ^2/NDF : 834.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

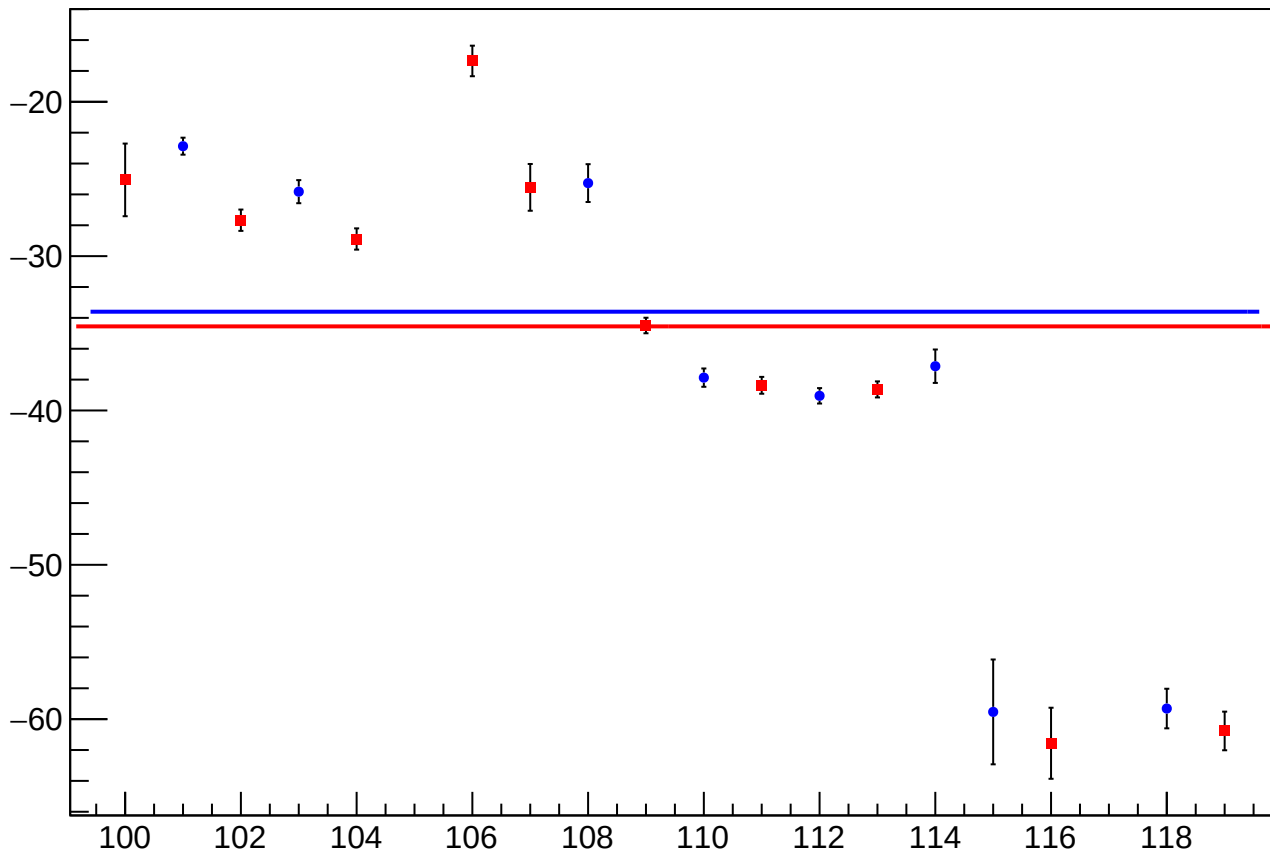
Right: -3.225 ± 0.188 χ^2/NDF : 2062.5/17

In: -2.063 ± 0.278 χ^2/NDF : 1196.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.225 ± 0.188 χ^2/NDF : 2062.5/17

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -33.600 $\pm$ 0.266 χ^2 /NDF: 1176.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -34.552 $\pm$ 0.238 χ^2 /NDF: 1207.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

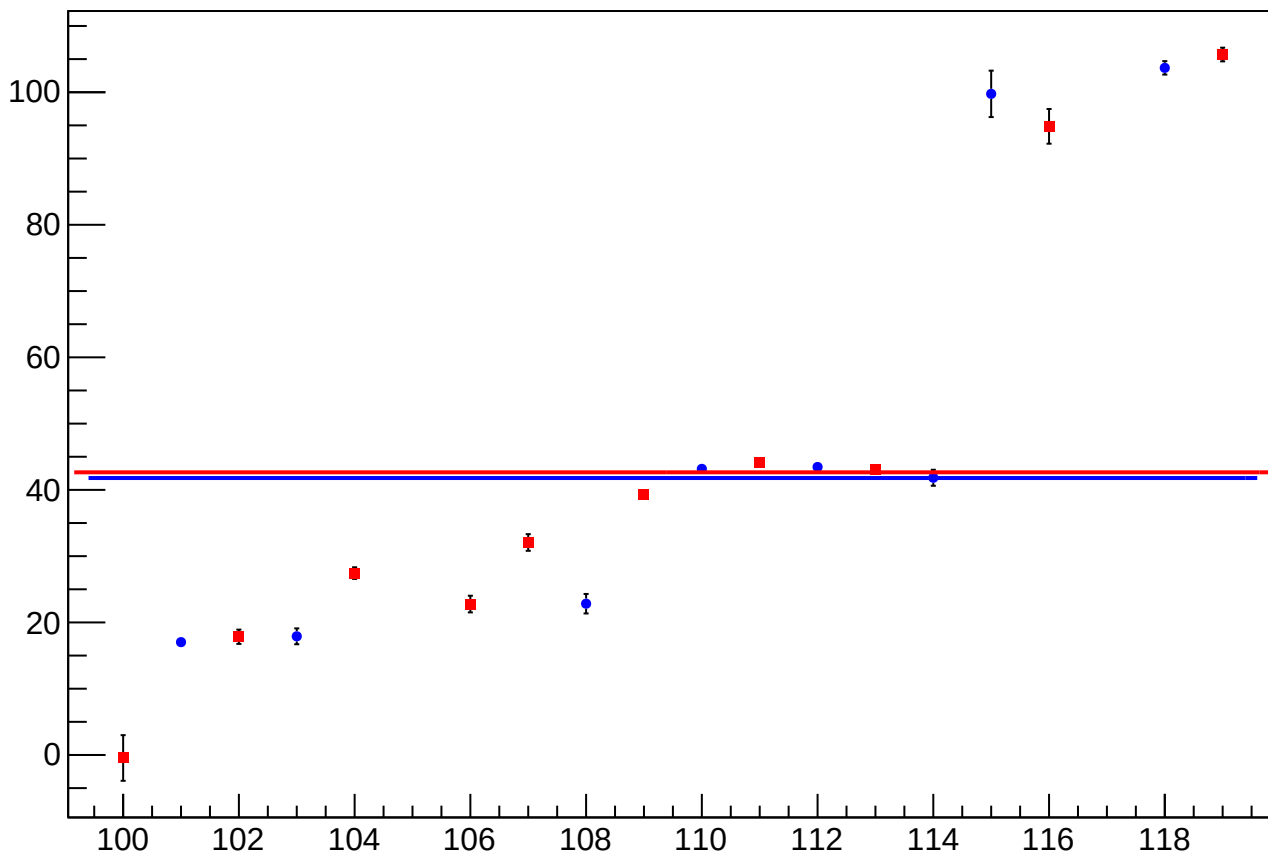
Right: -34.129 $\pm$ 0.177 χ^2 /NDF: 2390.1/17

In: -33.600 $\pm$ 0.266 χ^2 /NDF:1176.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -34.129 $\pm$ 0.177 χ^2 /NDF: 2390.1/17

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.789+/-0.325 χ^2/NDF : 5724.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.651+/-0.294 χ^2/NDF : 5452.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

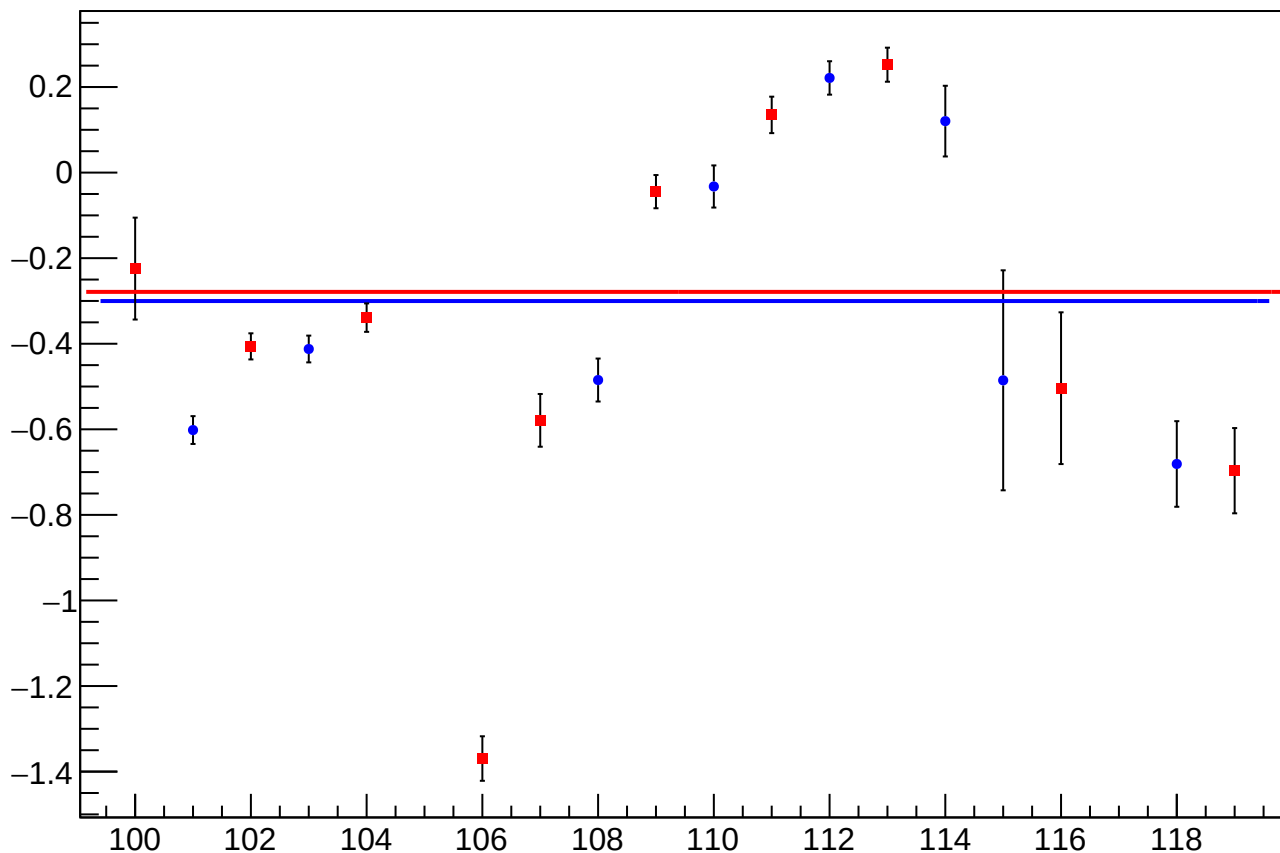
Right: 42.263+/-0.218 χ^2/NDF : 11180.8/17

In: 41.789+/-0.325 χ^2/NDF : 5724.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.263+/-0.218 χ^2/NDF : 11180.8/17

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.300+/-0.016 χ^2/NDF : 361.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.279+/-0.015 χ^2/NDF : 812.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

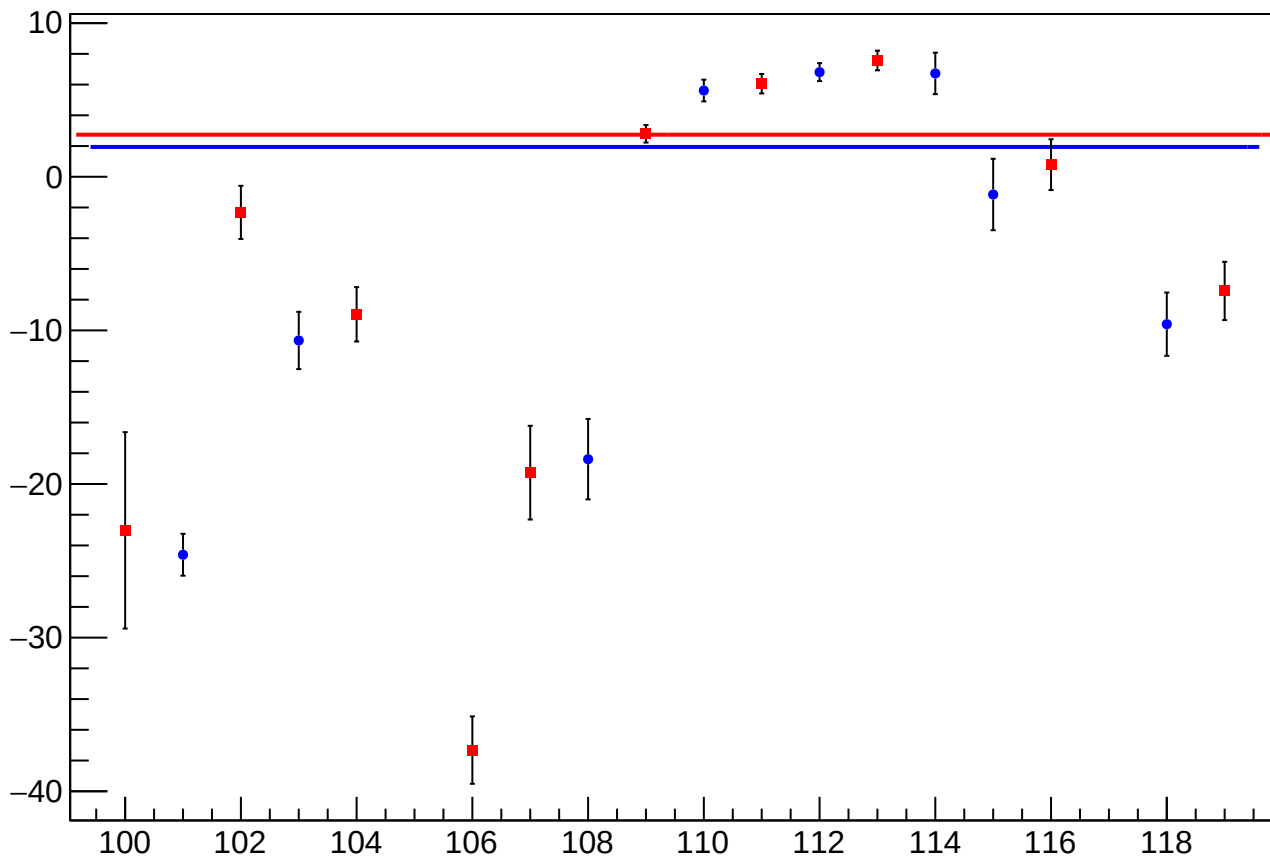
Right: -0.288+/-0.011 χ^2/NDF : 1173.9/17

In: -0.300+/-0.016 χ^2/NDF : 361.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.288+/-0.011 χ^2/NDF : 1173.9/17

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.941+/-0.382 χ^2/NDF : 627.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.739+/-0.322 χ^2/NDF : 568.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

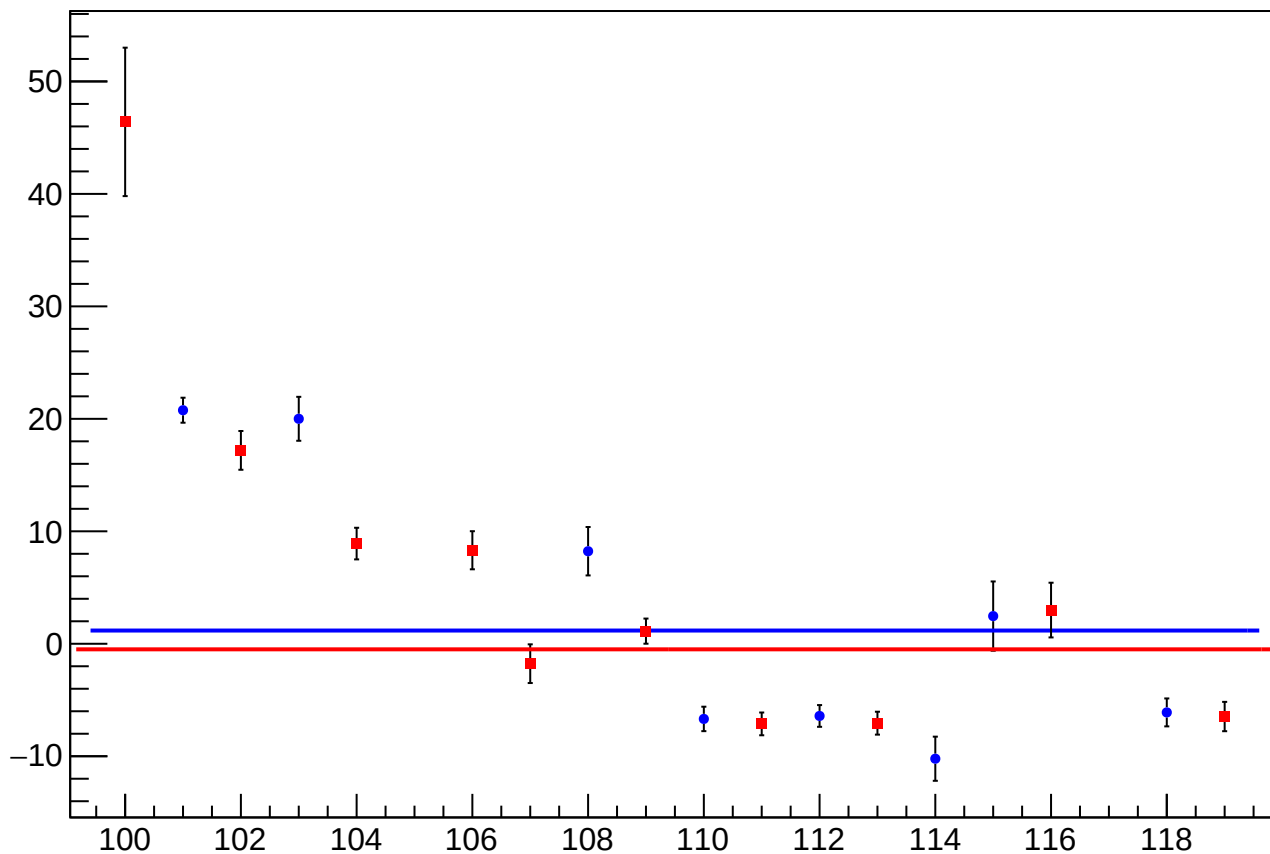
Right: 2.407+/-0.246 χ^2/NDF : 1198.7/17

In: 1.941+/-0.382 χ^2/NDF : 627.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.407+/-0.246 χ^2/NDF : 1198.7/17

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.177+/-0.487 χ^2/NDF : 596.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.495+/-0.445 χ^2/NDF : 337.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

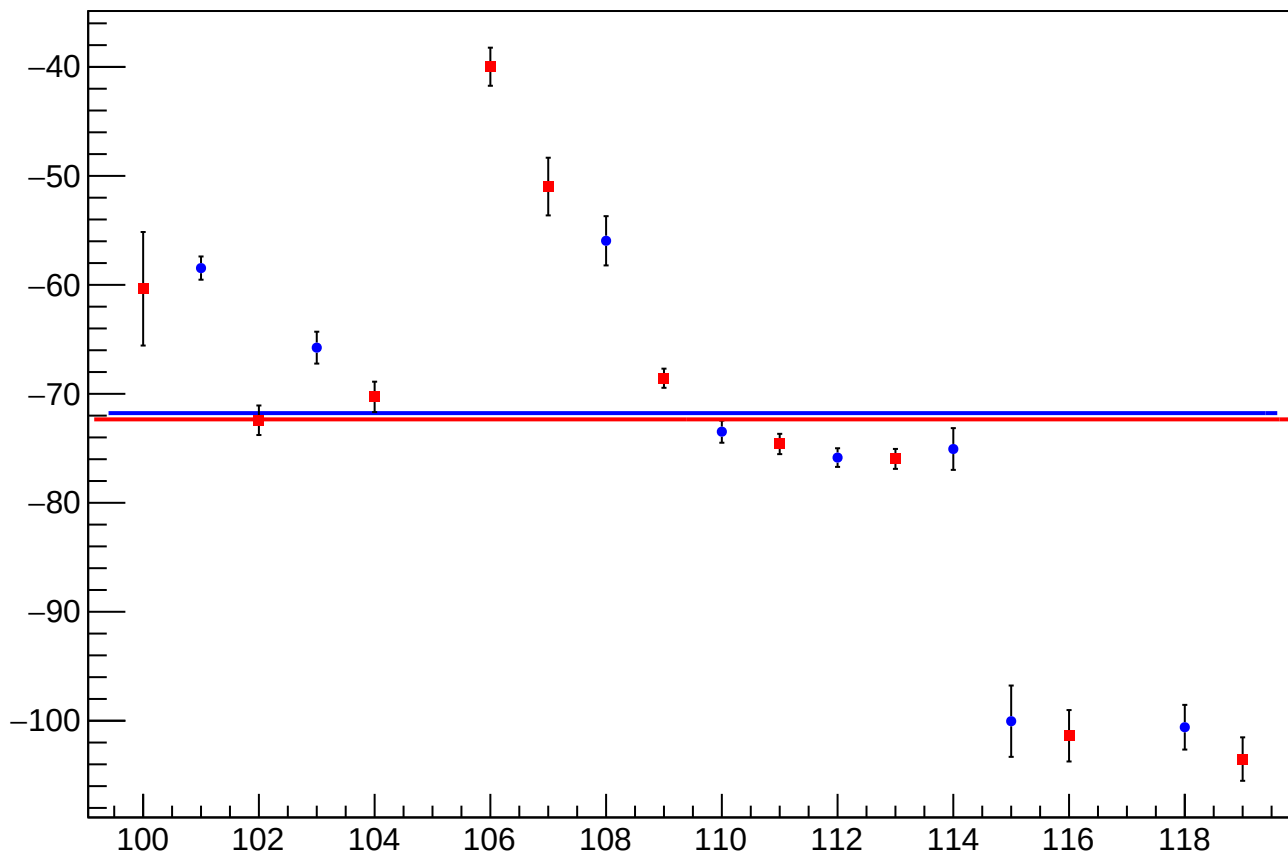
Right: 0.266+/-0.328 χ^2/NDF : 940.9/17

In: 1.177+/-0.487 χ^2/NDF : 596.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.266+/-0.328 χ^2/NDF : 940.9/17

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -71.770+/-0.472 χ^2/NDF : 522.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.344+/-0.421 χ^2/NDF : 851.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

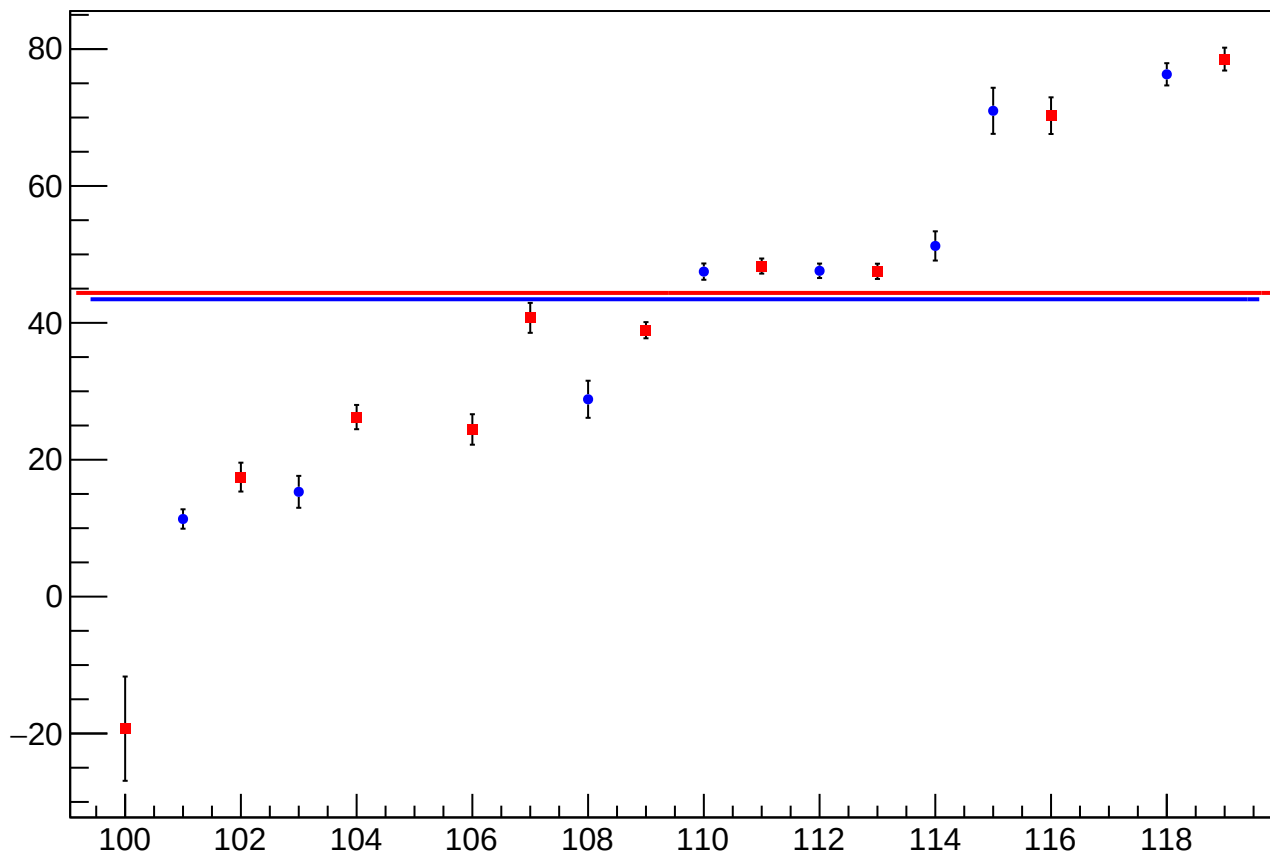
Right: -72.090+/-0.314 χ^2/NDF : 1374.3/17

In: -71.770+/-0.472 χ^2/NDF : 522.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.090+/-0.314 χ^2/NDF : 1374.3/17

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.446+/-0.568 χ^2/NDF : 1204.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.373+/-0.512 χ^2/NDF : 973.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

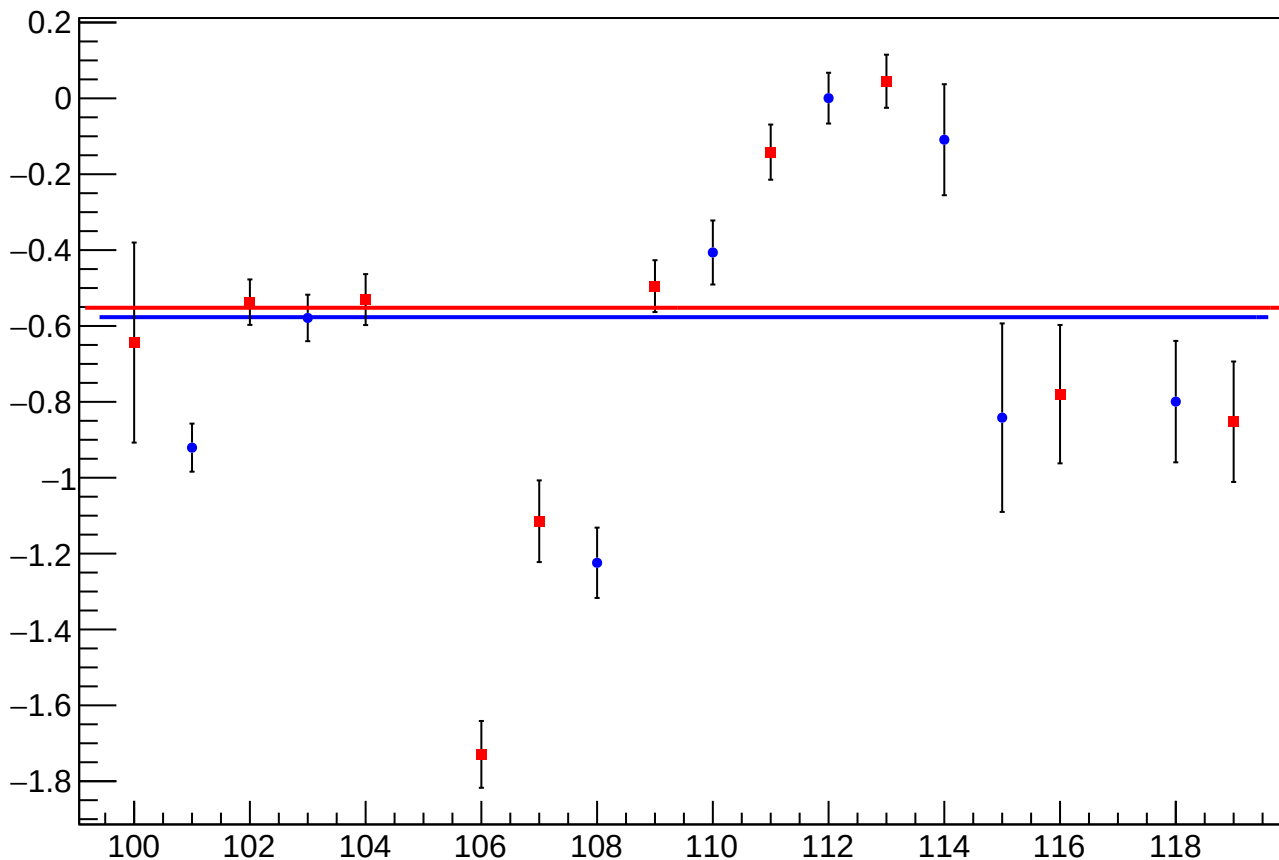
Right: 43.957+/-0.380 χ^2/NDF : 2179.0/17

In: 43.446+/-0.568 χ^2/NDF : 1204.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.957+/-0.380 χ^2/NDF : 2179.0/17

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.577+/-0.030 χ^2/NDF : 170.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.552+/-0.027 χ^2/NDF : 316.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

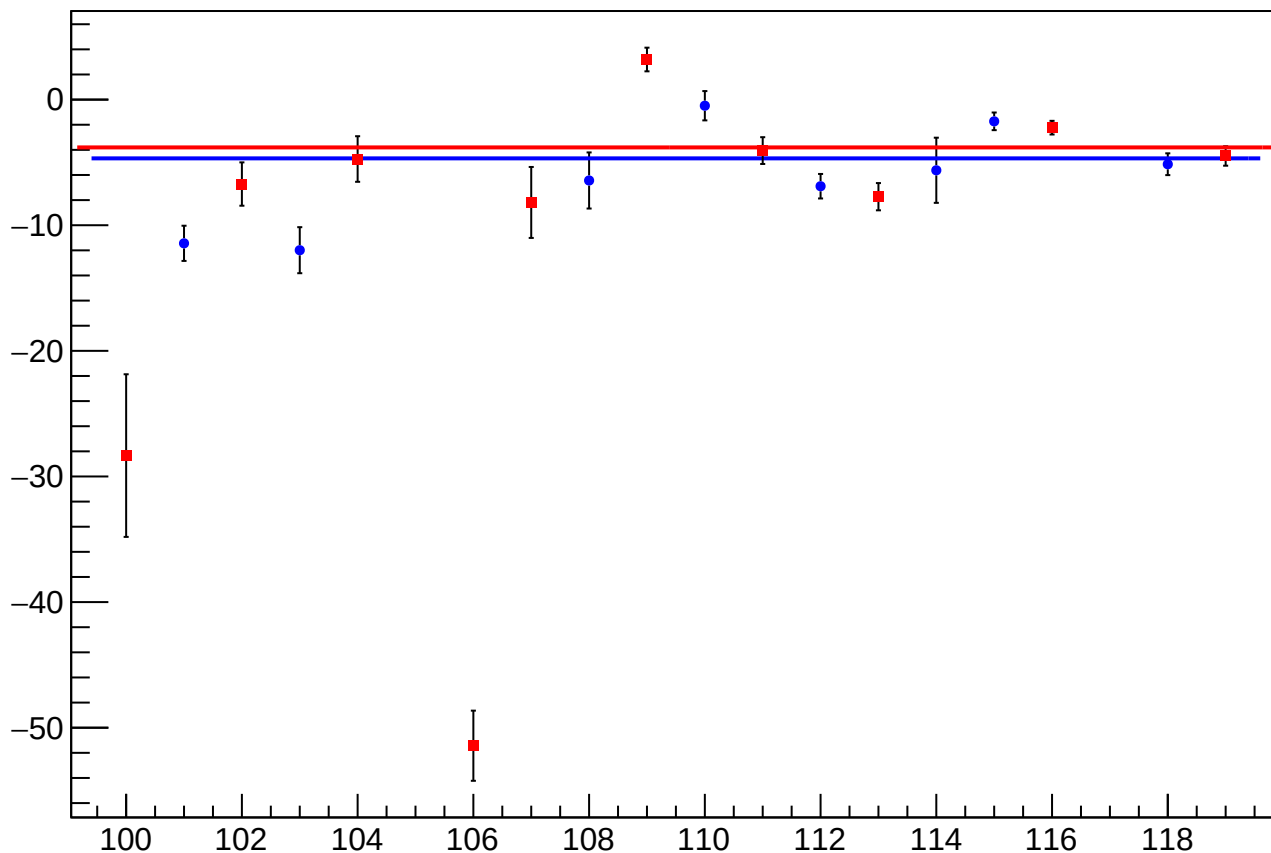
Right: -0.563+/-0.020 χ^2/NDF : 487.0/17

In: -0.577+/-0.030 χ^2/NDF : 170.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.563+/-0.020 χ^2/NDF : 487.0/17

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.678+/-0.398 χ^2/NDF : 76.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.806+/-0.337 χ^2/NDF : 388.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

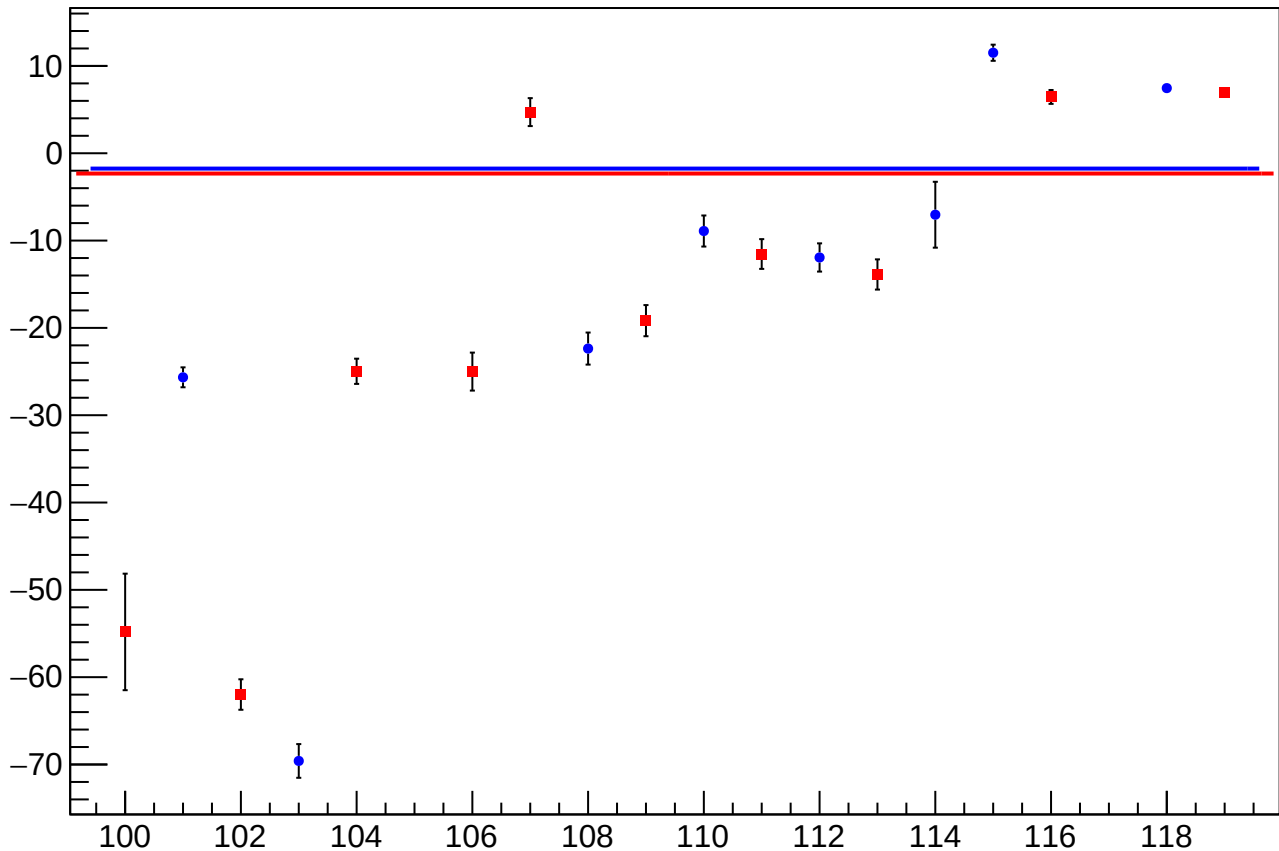
Right: -4.169+/-0.257 χ^2/NDF : 467.1/17

In: -4.678+/-0.398 χ^2/NDF : 76.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.169+/-0.257 χ^2/NDF : 467.1/17

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.756+/-0.380 χ^2/NDF : 2374.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.323+/-0.366 χ^2/NDF : 2188.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

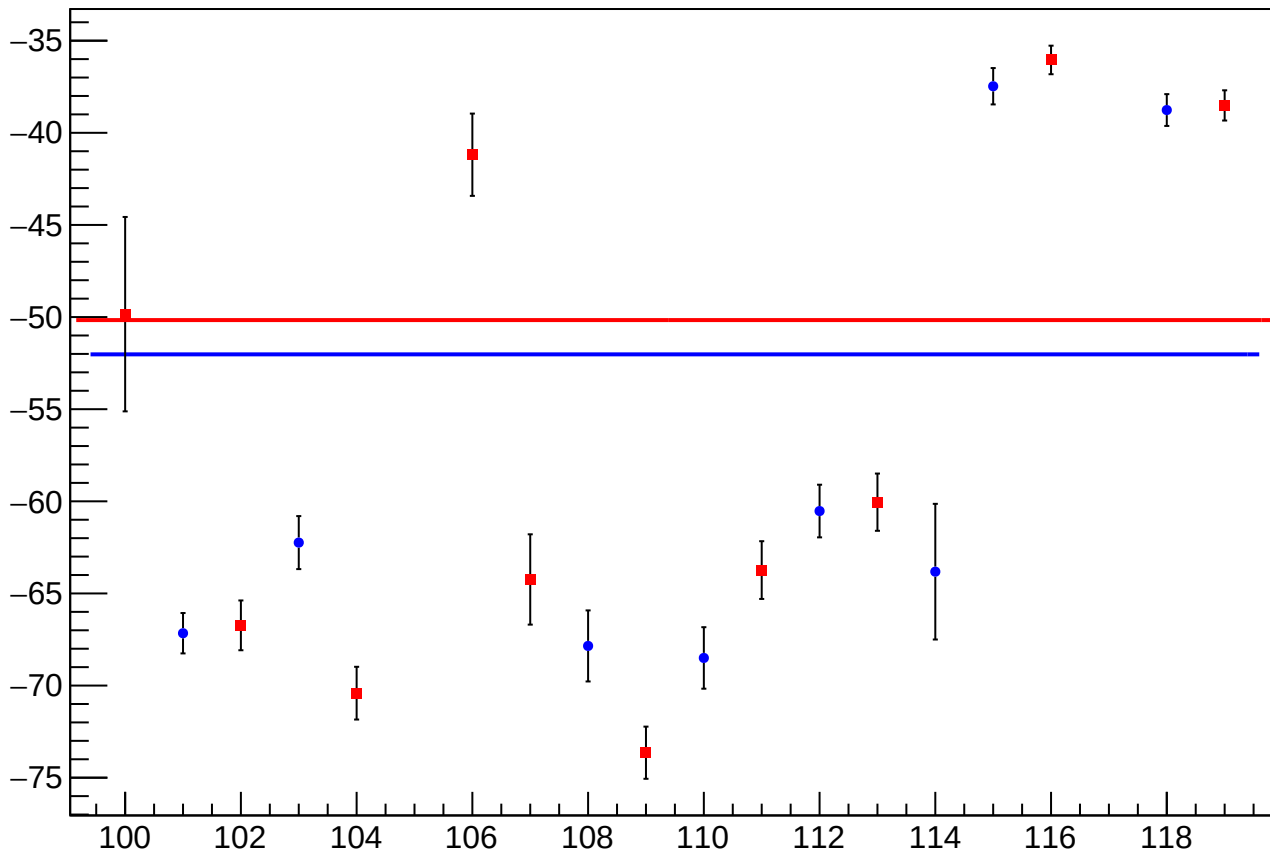
Right: -2.050+/-0.264 χ^2/NDF : 4563.8/17

In: -1.756+/-0.380 χ^2/NDF : 2374.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.050+/-0.264 χ^2/NDF : 4563.8/17

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.024 $\pm$ 0.453 χ^2 /NDF: 905.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -50.164 $\pm$ 0.411 χ^2 /NDF: 1323.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

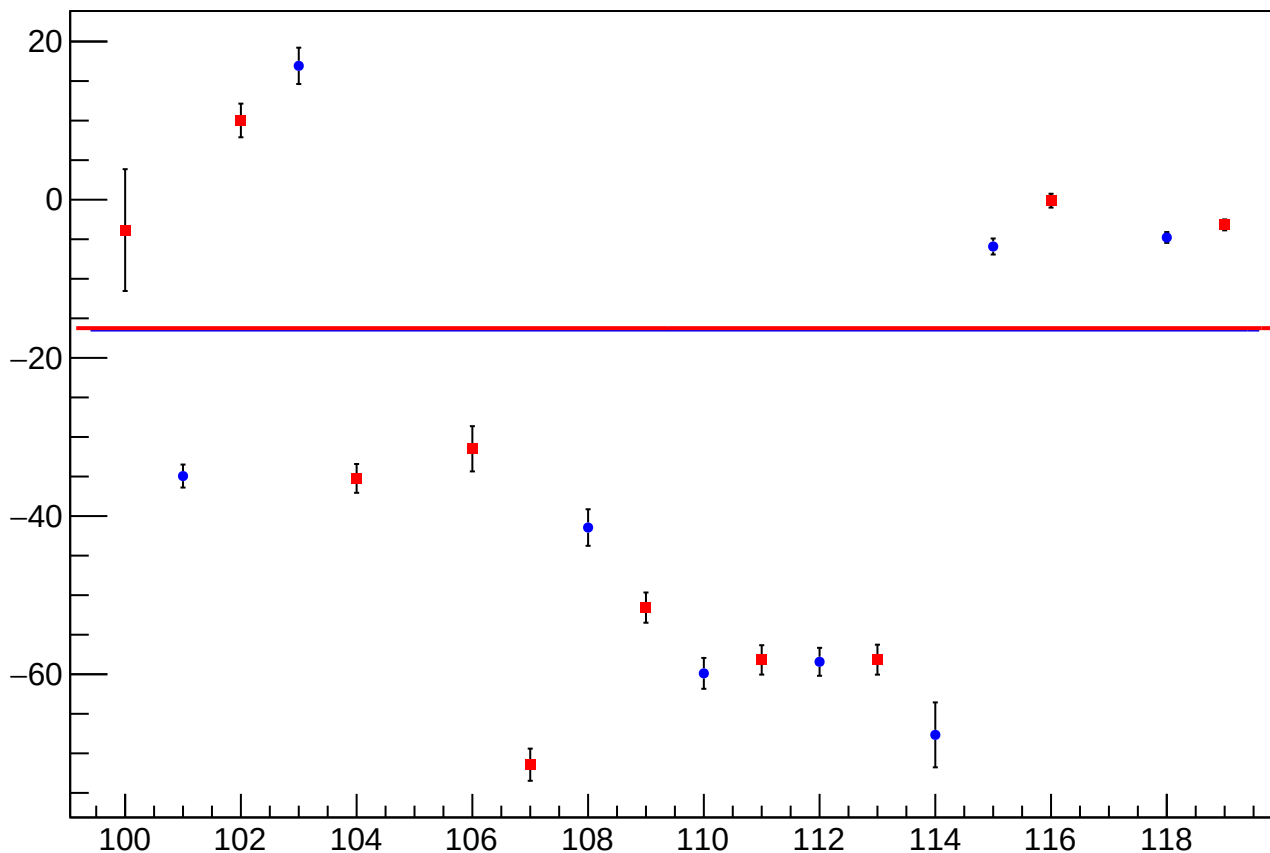
Right: -51.005 $\pm$ 0.304 χ^2 /NDF: 2238.2/17

In: -52.024 $\pm$ 0.453 χ^2 /NDF:905.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.005 $\pm$ 0.304 χ^2 /NDF: 2238.2/17

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.418 $\pm$ 0.466 χ^2 /NDF: 2105.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.242 $\pm$ 0.441 χ^2 /NDF: 3065.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

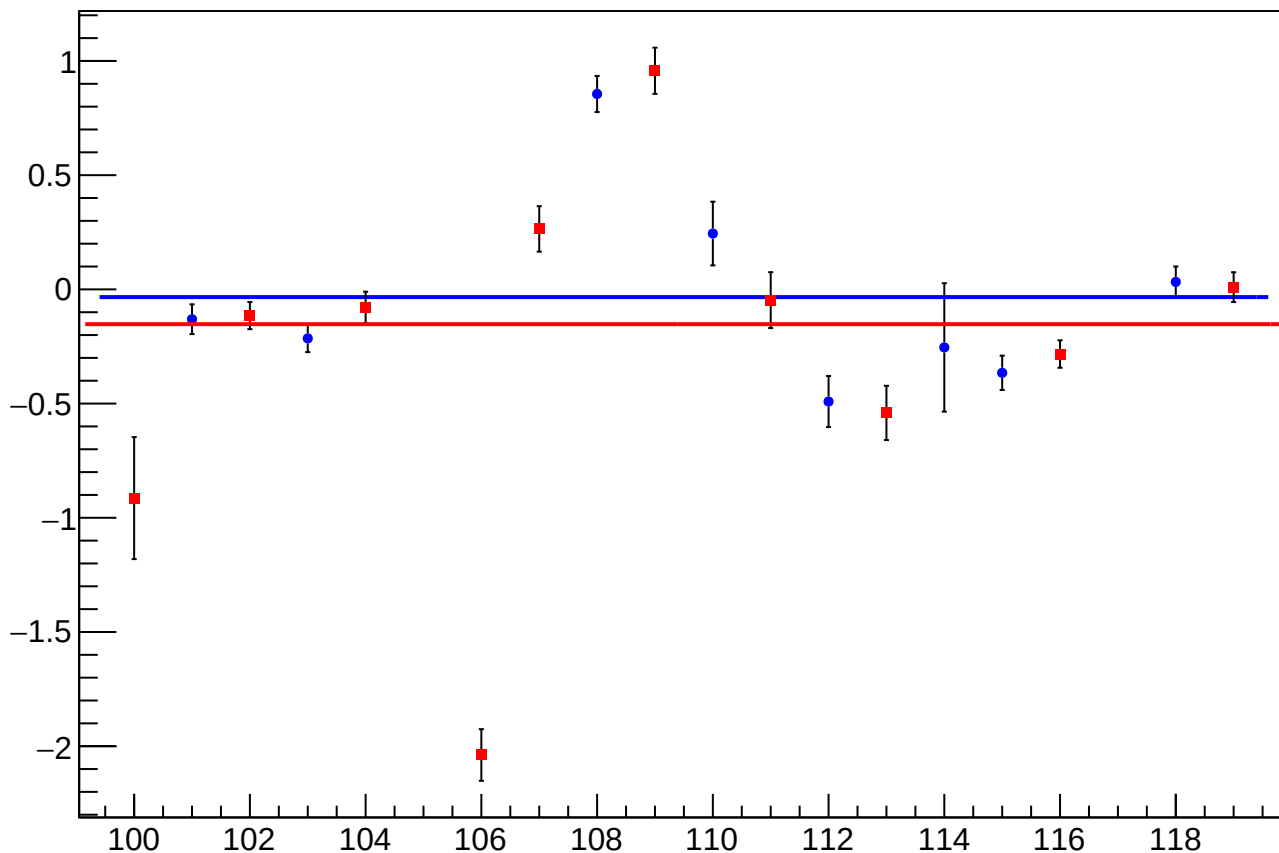
Right: -16.325 $\pm$ 0.320 χ^2 /NDF: 5171.4/17

In: -16.418 $\pm$ 0.466 χ^2 /NDF:2105.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.325 $\pm$ 0.320 χ^2 /NDF: 5171.4/17

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.034+/-0.029 χ^2/NDF : 179.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.152+/-0.026 χ^2/NDF : 448.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

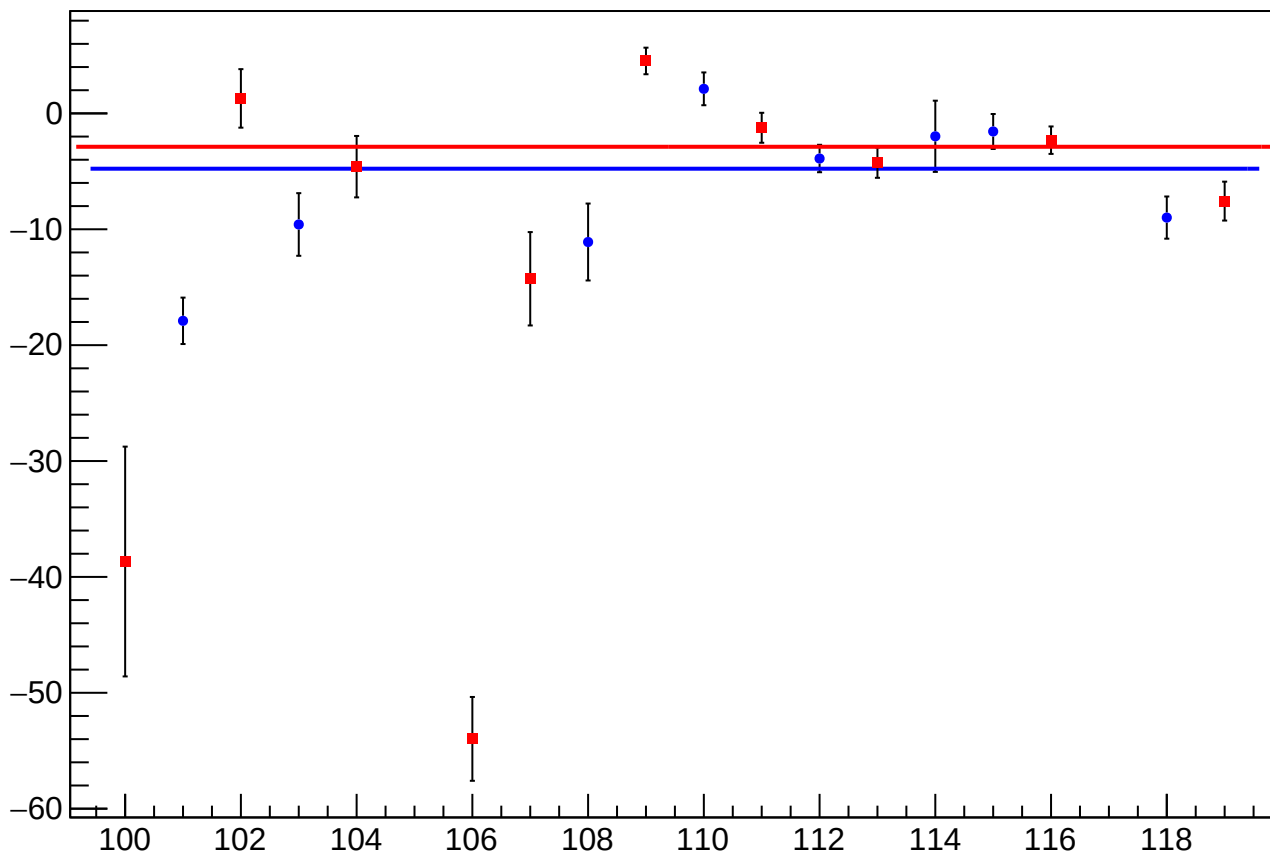
Right: -0.098+/-0.019 χ^2/NDF : 636.9/17

In: -0.034+/-0.029 χ^2/NDF :179.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.098+/-0.019 χ^2/NDF : 636.9/17

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.773+/-0.628 χ^2/NDF : 84.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.880+/-0.538 χ^2/NDF : 276.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

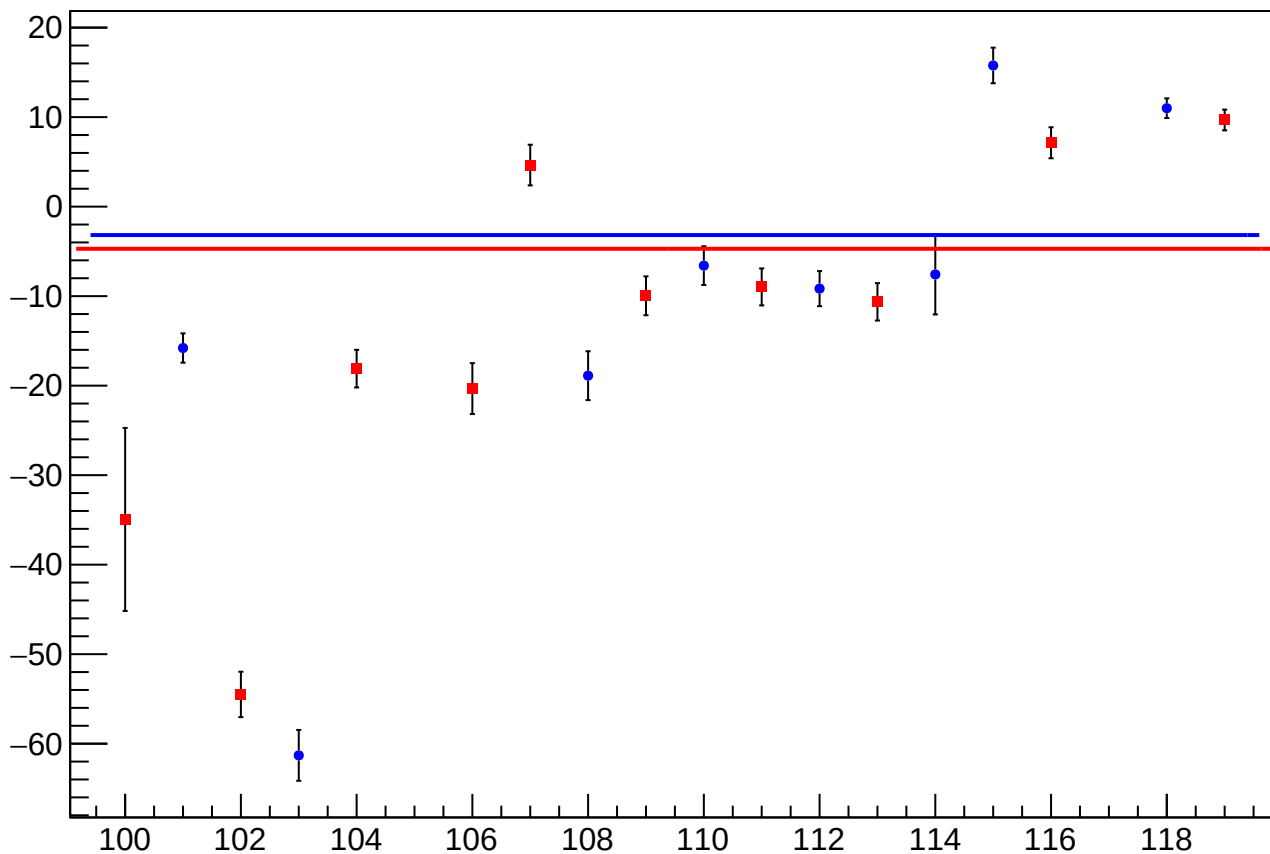
Right: -3.682+/-0.408 χ^2/NDF : 366.2/17

In: -4.773+/-0.628 χ^2/NDF : 84.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.682+/-0.408 χ^2/NDF : 366.2/17

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.175+/-0.668 χ^2/NDF : 781.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.707+/-0.637 χ^2/NDF : 700.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

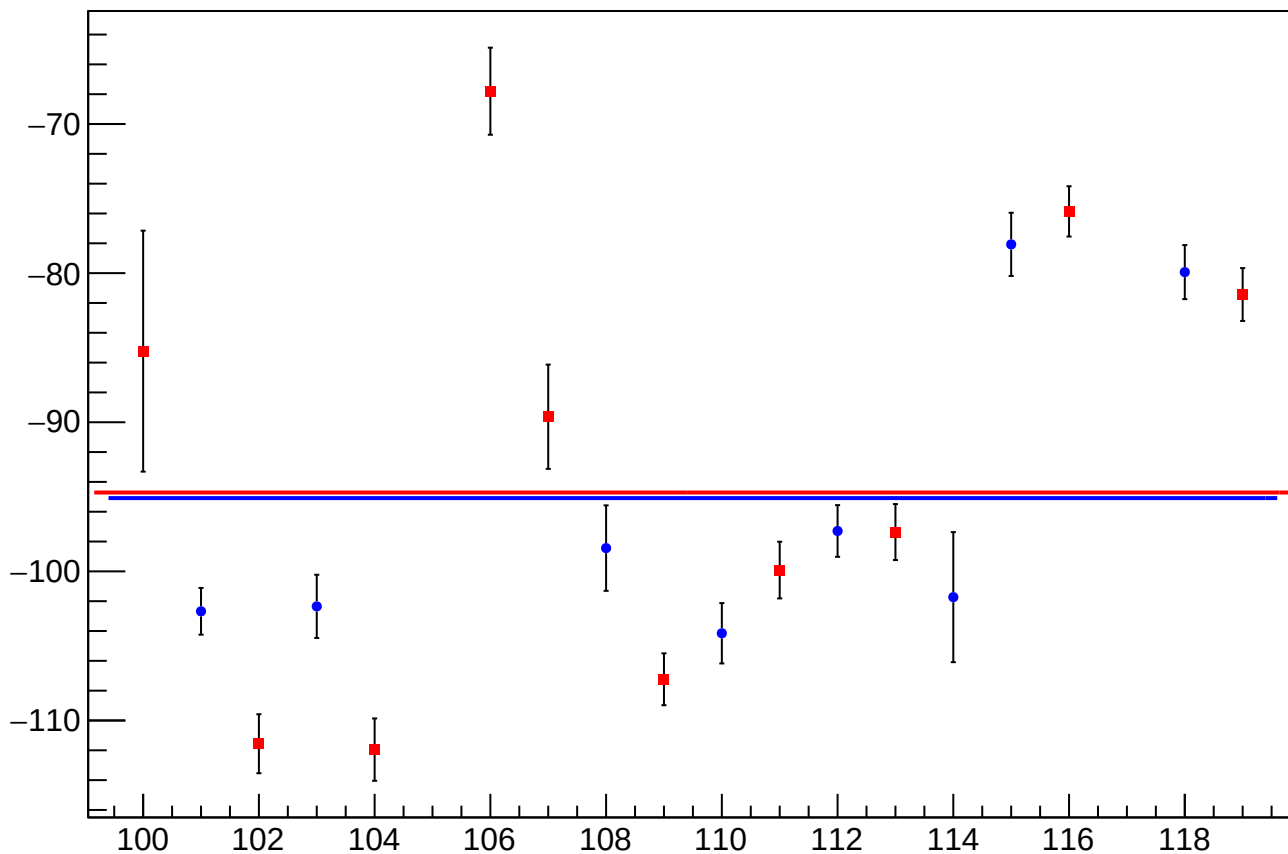
Right: -3.978+/-0.461 χ^2/NDF : 1485.1/17

In: -3.175+/-0.668 χ^2/NDF : 781.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.978+/-0.461 χ^2/NDF : 1485.1/17

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.087 $\pm$ 0.724 χ^2 /NDF: 195.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -94.711 $\pm$ 0.665 χ^2 /NDF: 471.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

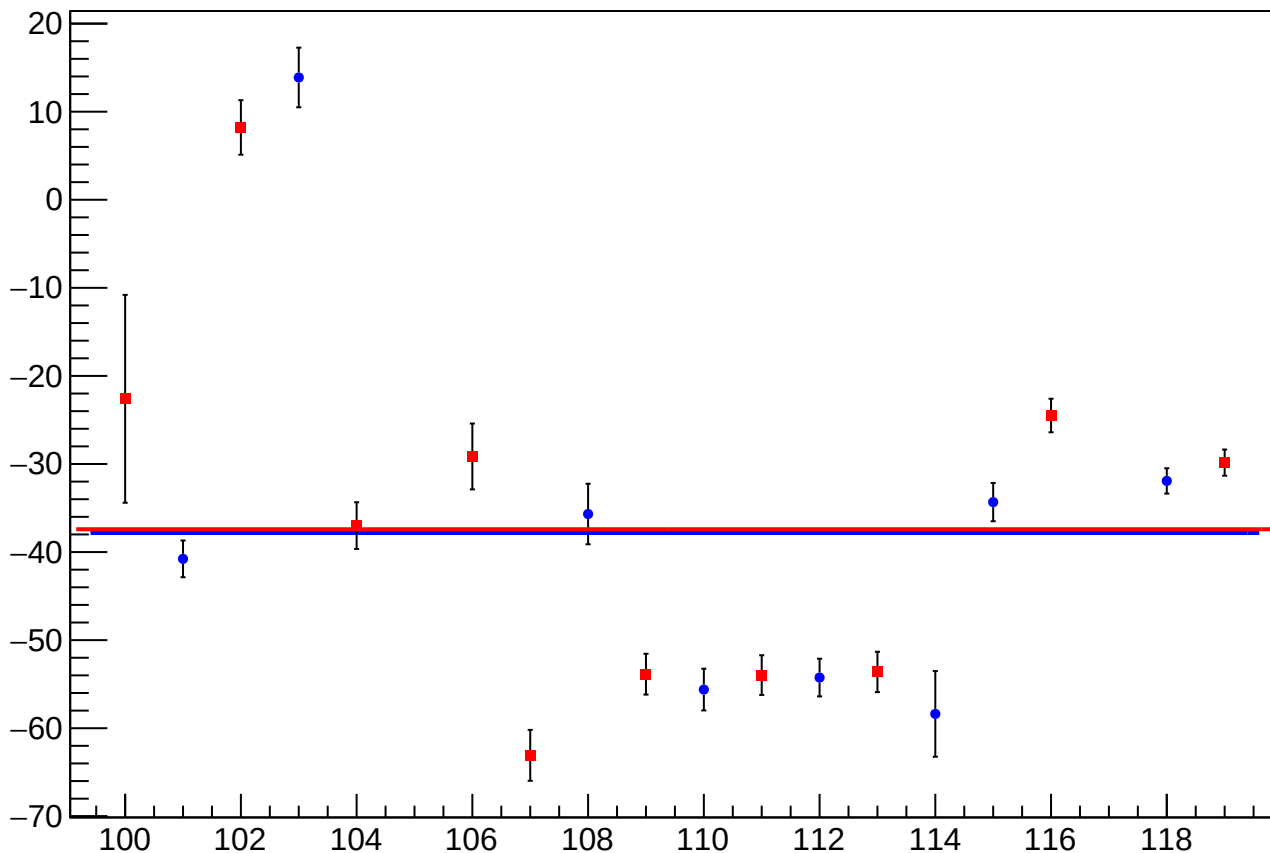
Right: -94.883 $\pm$ 0.490 χ^2 /NDF: 666.8/17

In: -95.087 $\pm$ 0.724 χ^2 /NDF: 195.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -94.883 $\pm$ 0.490 χ^2 /NDF: 666.8/17

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -37.833+/-0.807 χ^2/NDF : 388.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.409+/-0.757 χ^2/NDF : 528.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

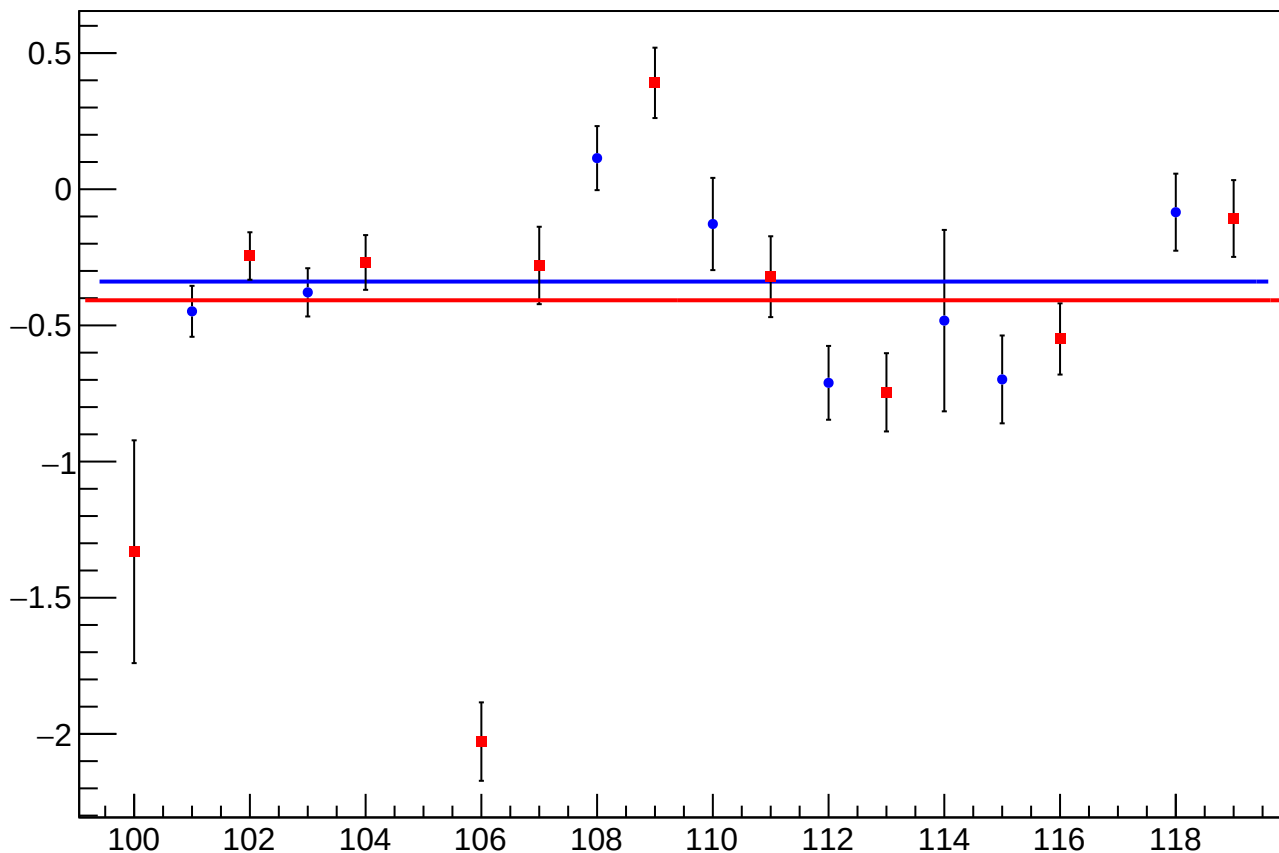
Right: -37.607+/-0.552 χ^2/NDF : 917.2/17

In: -37.833+/-0.807 χ^2/NDF : 388.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.607+/-0.552 χ^2/NDF : 917.2/17

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.339 ± 0.045 χ^2/NDF : 33.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.408 ± 0.041 χ^2/NDF : 187.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

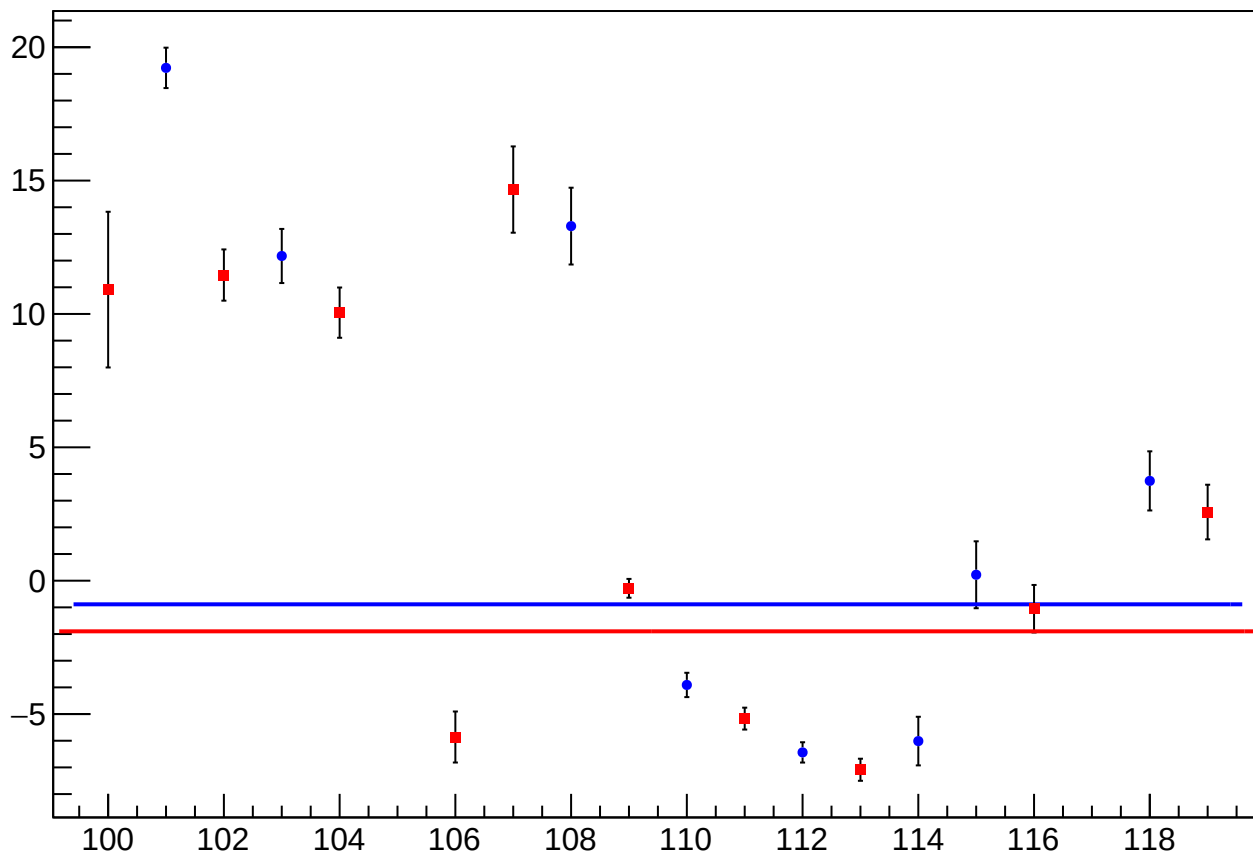
Right: -0.376 ± 0.030 χ^2/NDF : 222.9/17

In: -0.339 ± 0.045 χ^2/NDF : 33.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.376 ± 0.030 χ^2/NDF : 222.9/17

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.886 ± 0.239 χ^2/NDF : 1274.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.899 ± 0.197 χ^2/NDF : 757.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

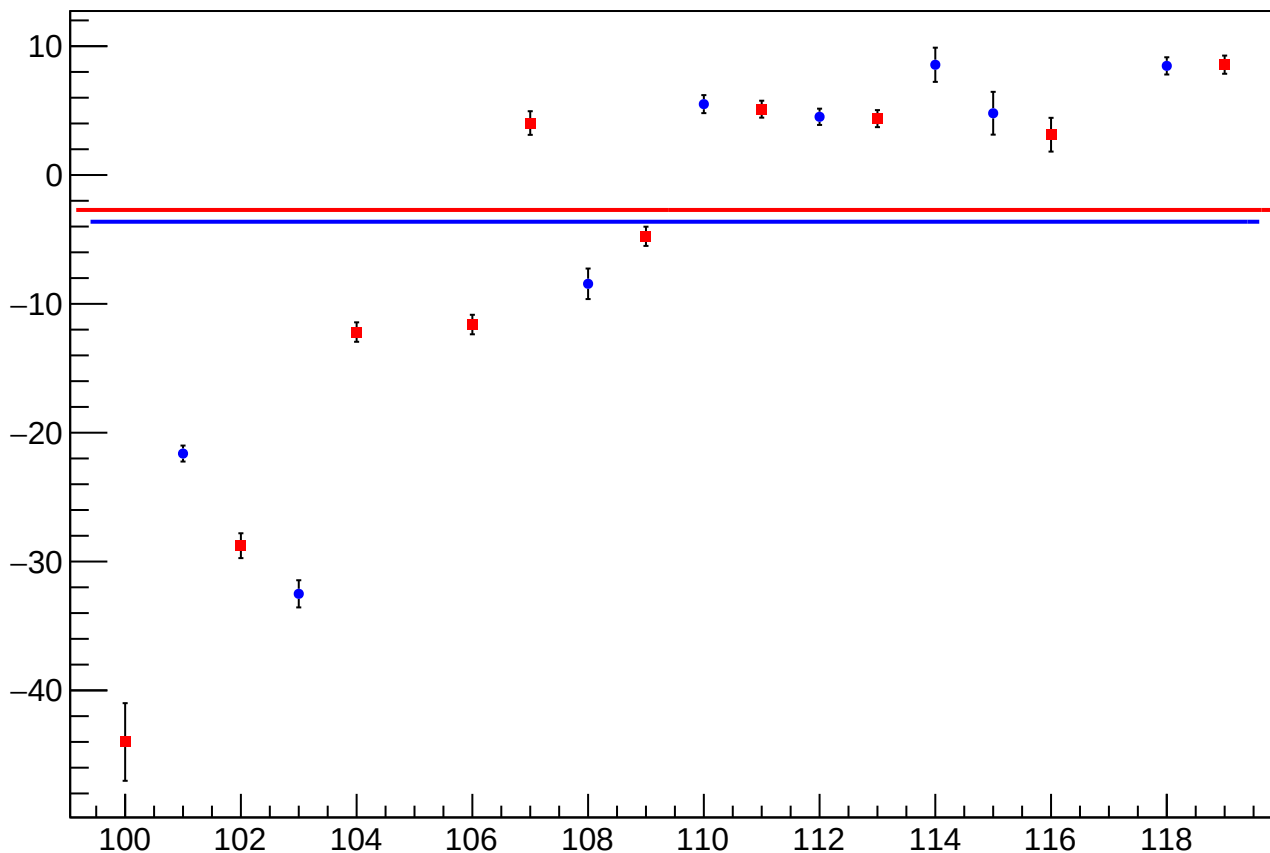
Right: -1.489 ± 0.152 χ^2/NDF : 2042.3/17

In: -0.886 ± 0.239 χ^2/NDF : 1274.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.489 ± 0.152 χ^2/NDF : 2042.3/17

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.626+/-0.290 χ^2/NDF : 2380.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.712+/-0.259 χ^2/NDF : 1807.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

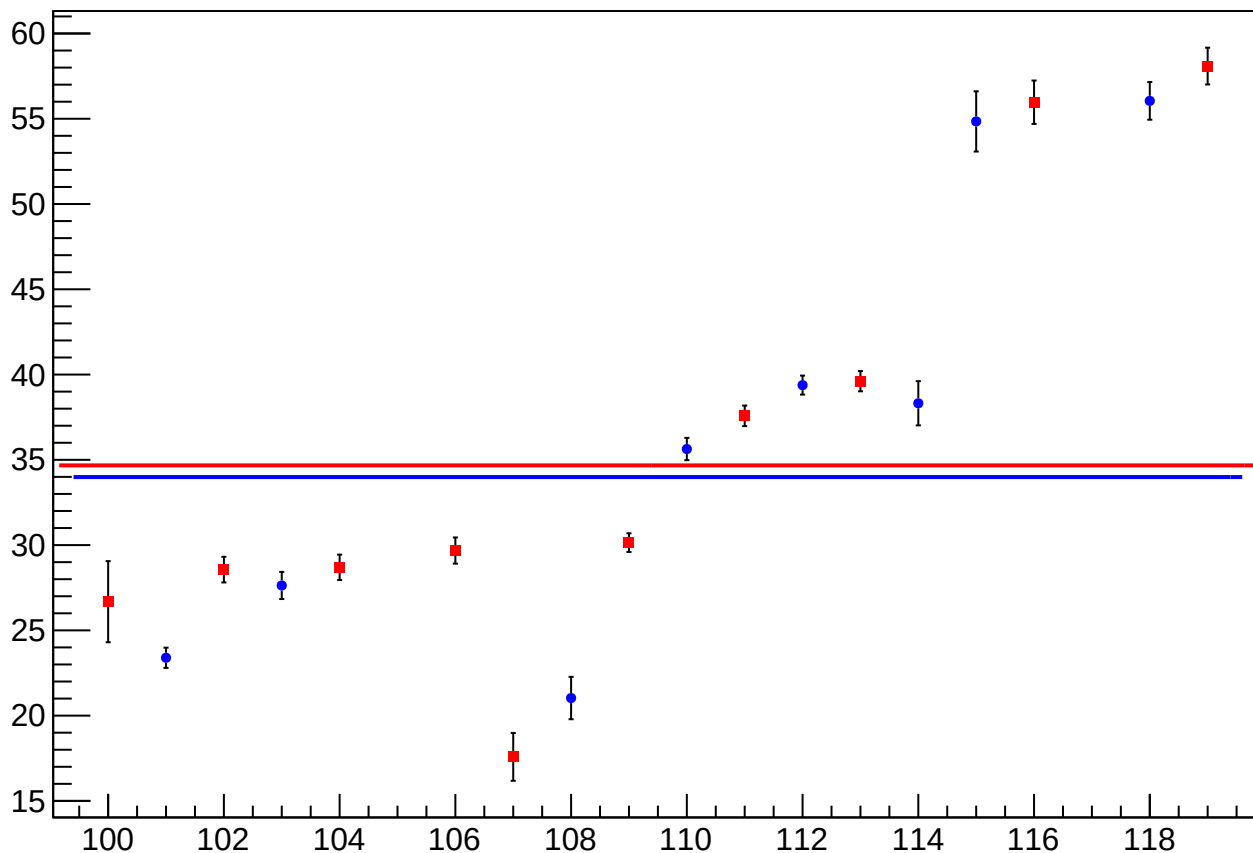
Right: -3.119+/-0.193 χ^2/NDF : 4193.6/17

In: -3.626+/-0.290 χ^2/NDF :2380.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.119+/-0.193 χ^2/NDF : 4193.6/17

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 33.989+/-0.284 χ^2/NDF : 1141.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 34.674+/-0.247 χ^2/NDF : 1246.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

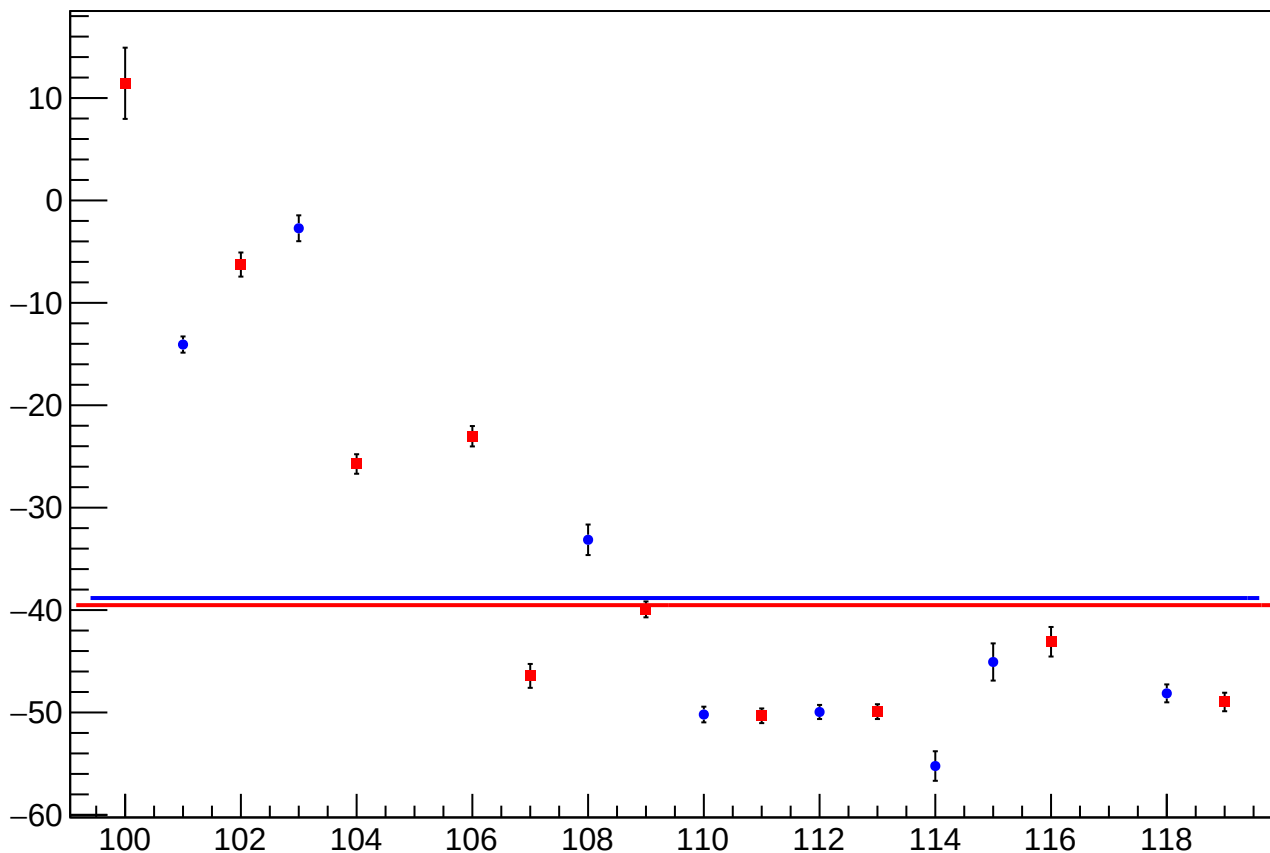
Right: 34.379+/-0.187 χ^2/NDF : 2391.2/17

In: 33.989+/-0.284 χ^2/NDF :1141.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.379+/-0.187 χ^2/NDF : 2391.2/17

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -38.825+/-0.342 χ^2/NDF : 2546.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.520+/-0.303 χ^2/NDF : 2082.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

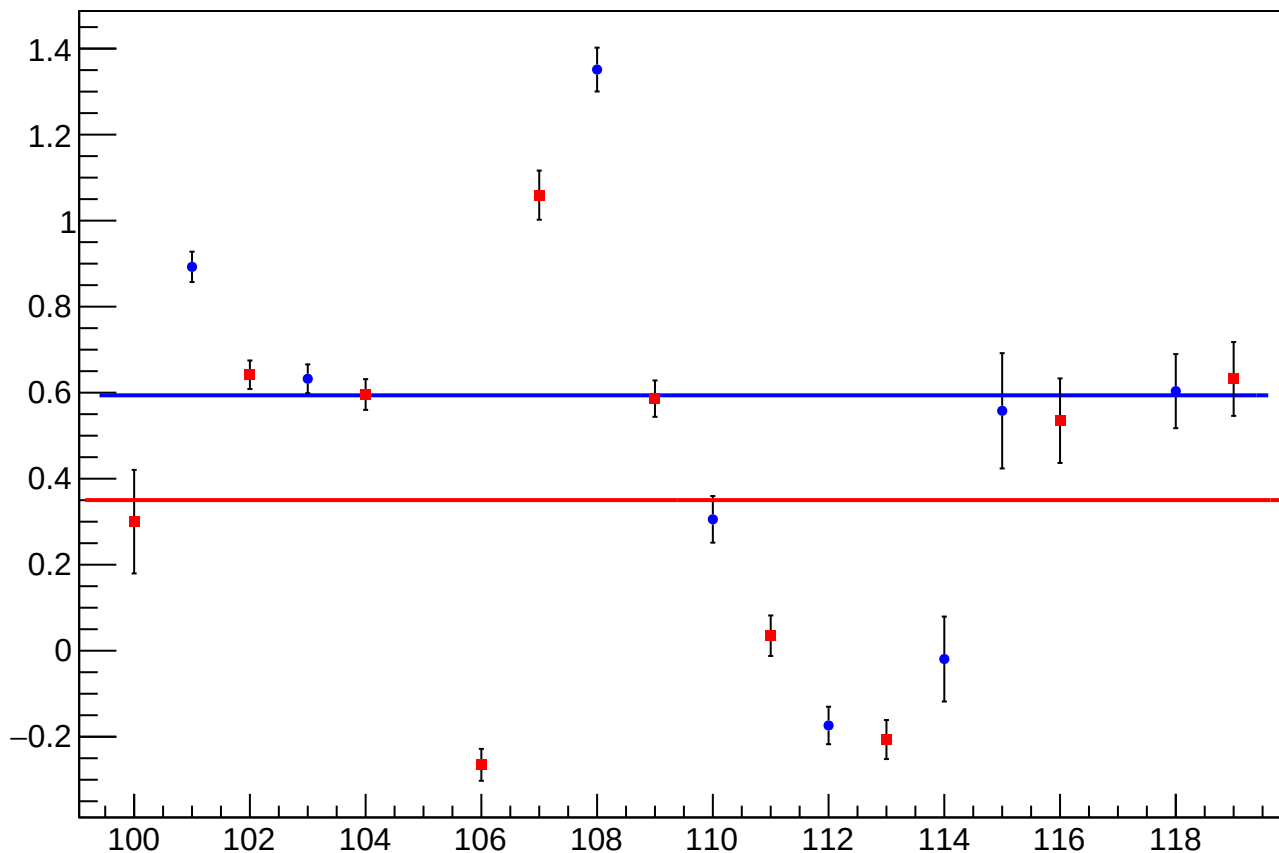
Right: -39.214+/-0.227 χ^2/NDF : 4630.7/17

In: -38.825+/-0.342 χ^2/NDF : 2546.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.214+/-0.227 χ^2/NDF : 4630.7/17

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.594+/-0.018 χ^2/NDF : 671.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.350+/-0.015 χ^2/NDF : 794.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

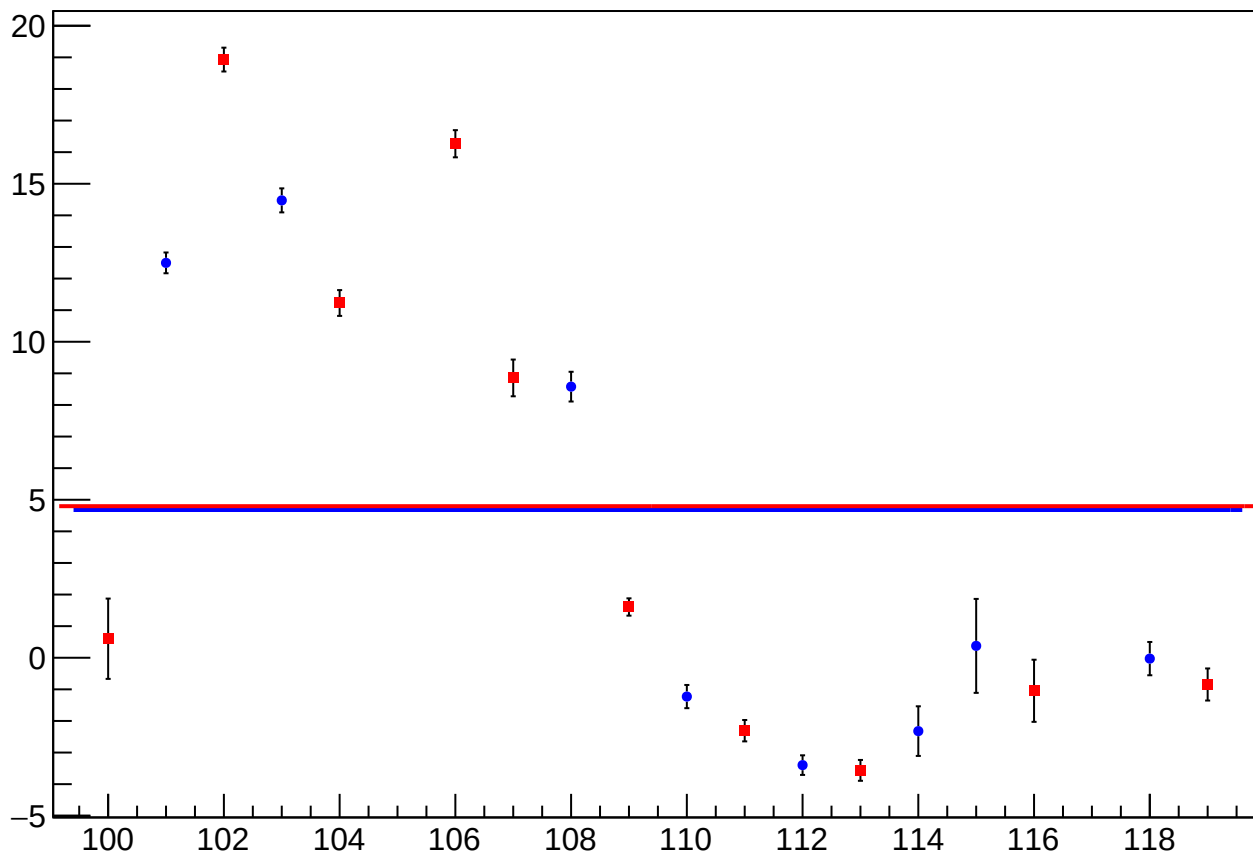
Right: 0.452+/-0.011 χ^2/NDF : 1577.7/17

In: 0.594+/-0.018 χ^2/NDF : 671.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.452+/-0.011 χ^2/NDF : 1577.7/17

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.676+/-0.150 χ^2/NDF : 2403.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4.797+/-0.131 χ^2/NDF : 3803.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

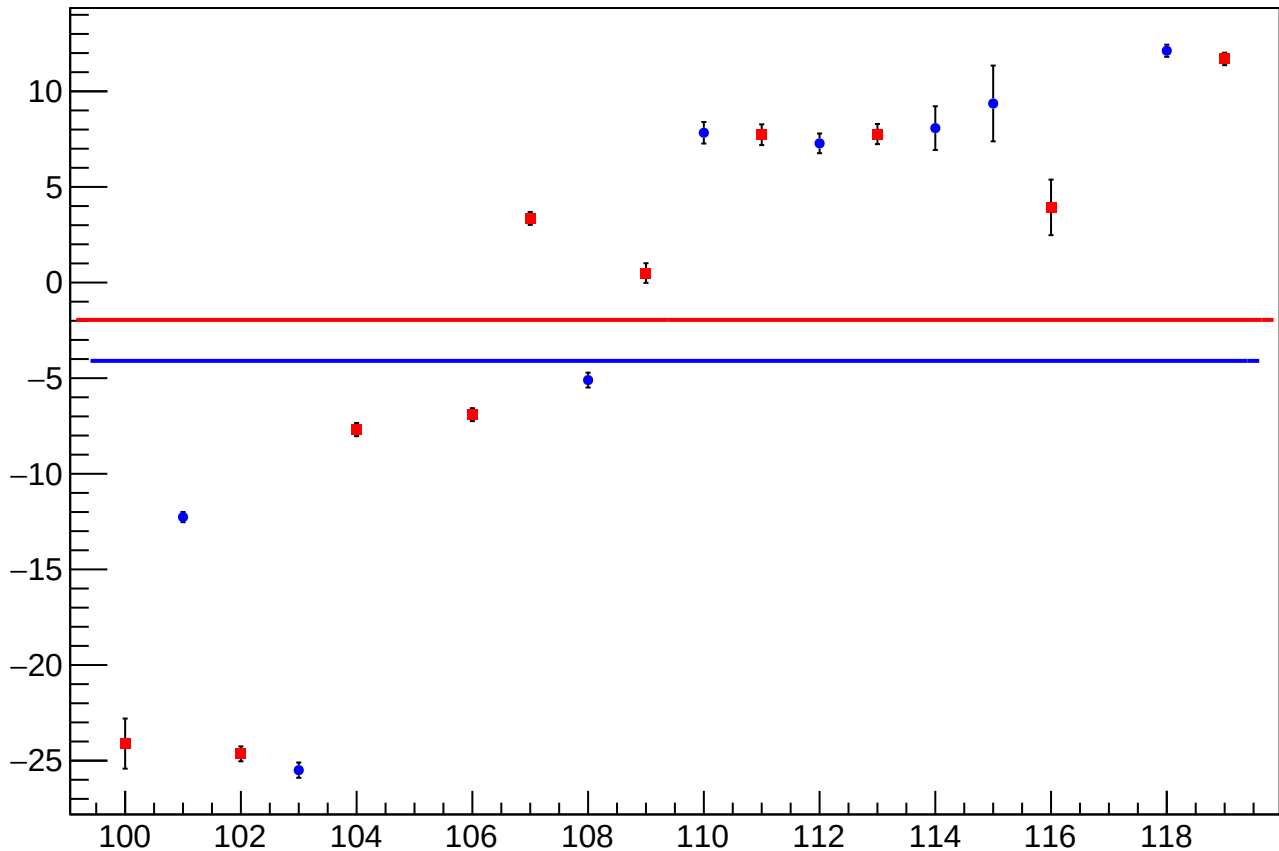
Right: 4.745+/-0.099 χ^2/NDF : 6207.1/17

In: 4.676+/-0.150 χ^2/NDF :2403.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.745+/-0.099 χ^2/NDF : 6207.1/17

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.095+/-0.150 χ^2/NDF : 7505.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.952+/-0.136 χ^2/NDF : 6861.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

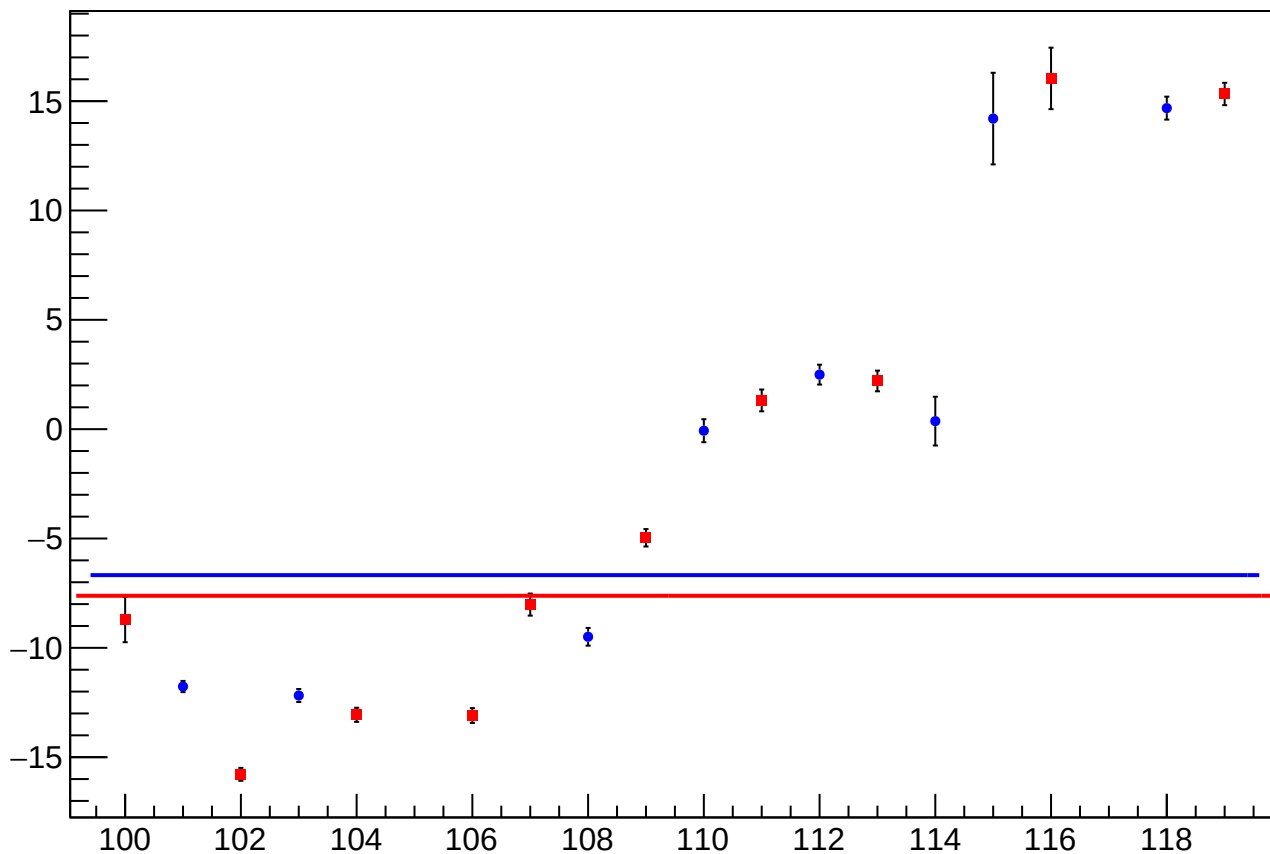
Right: -2.924+/-0.101 χ^2/NDF : 14478.5/17

In: -4.095+/-0.150 χ^2/NDF : 7505.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.924+/-0.101 χ^2/NDF : 14478.5/17

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -6.675 ± 0.148 χ^2/NDF : 3142.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.619 ± 0.136 χ^2/NDF : 4405.1/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

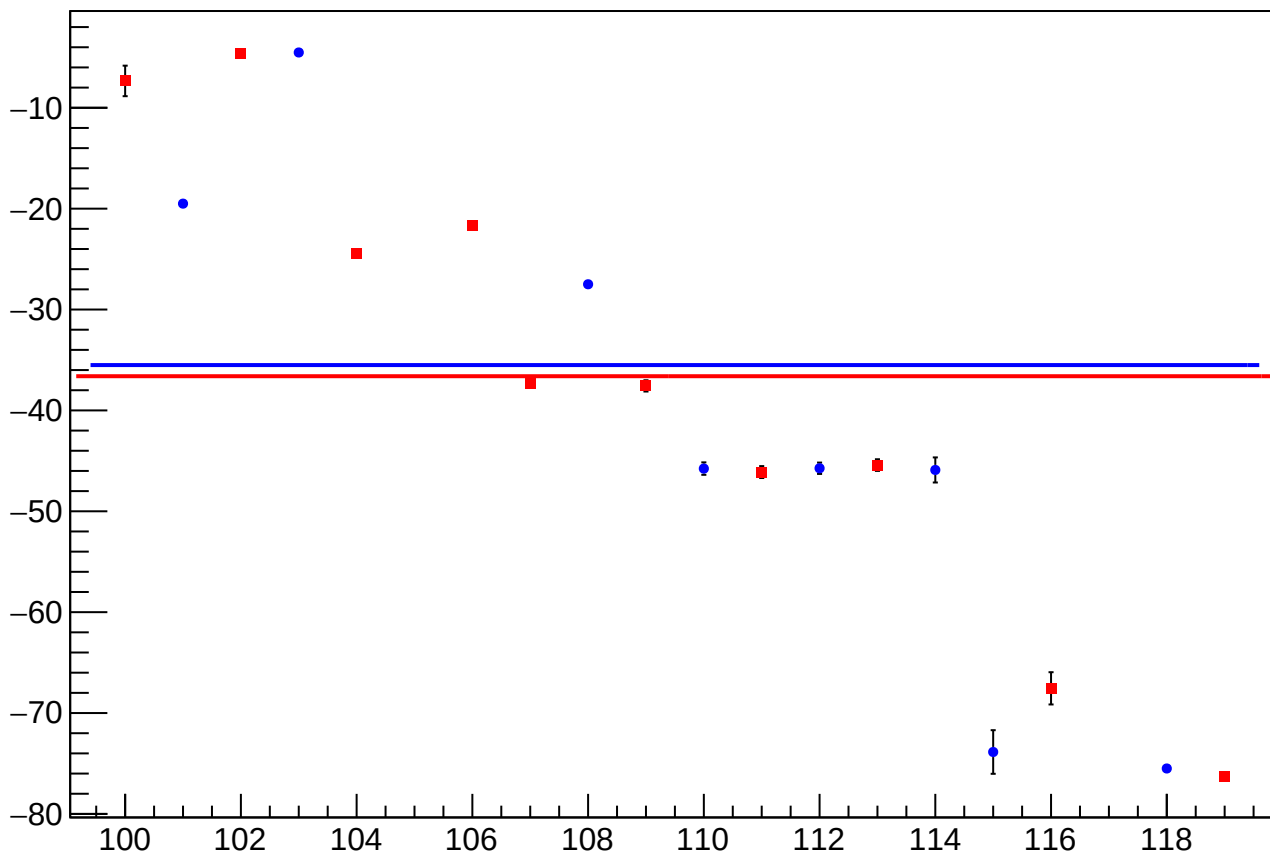
Right: -7.186 ± 0.100 χ^2/NDF : 7569.2/17

In: -6.675 ± 0.148 χ^2/NDF : 3142.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.186 ± 0.100 χ^2/NDF : 7569.2/17

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.505+/-0.184 χ^2/NDF : 16978.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.610+/-0.167 χ^2/NDF : 16725.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

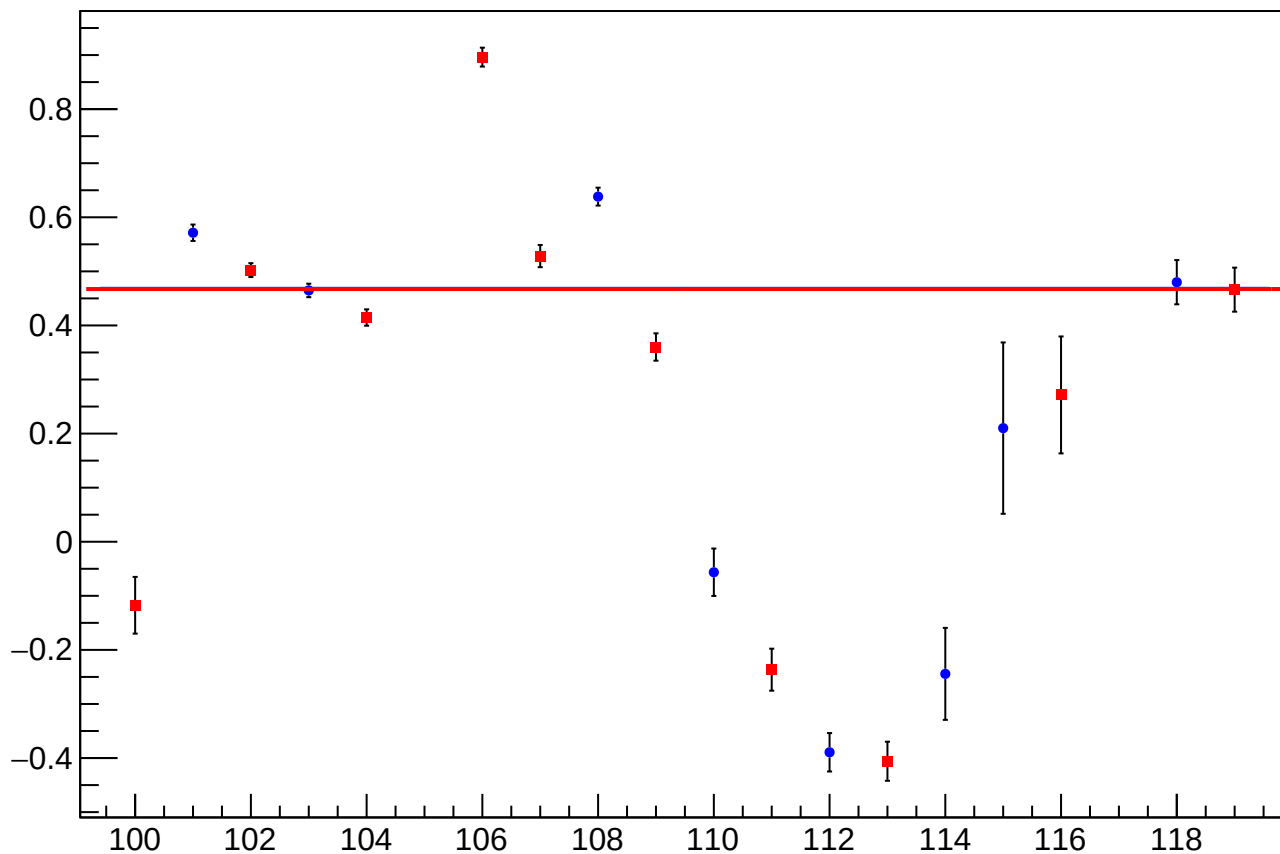
Right: -36.111+/-0.123 χ^2/NDF : 33723.2/17

In: -35.505+/-0.184 χ^2/NDF : 16978.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.111+/-0.123 χ^2/NDF : 33723.2/17

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.468 $\pm$ 0.008 χ^2 /NDF: 951.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.467 $\pm$ 0.007 χ^2 /NDF: 1689.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

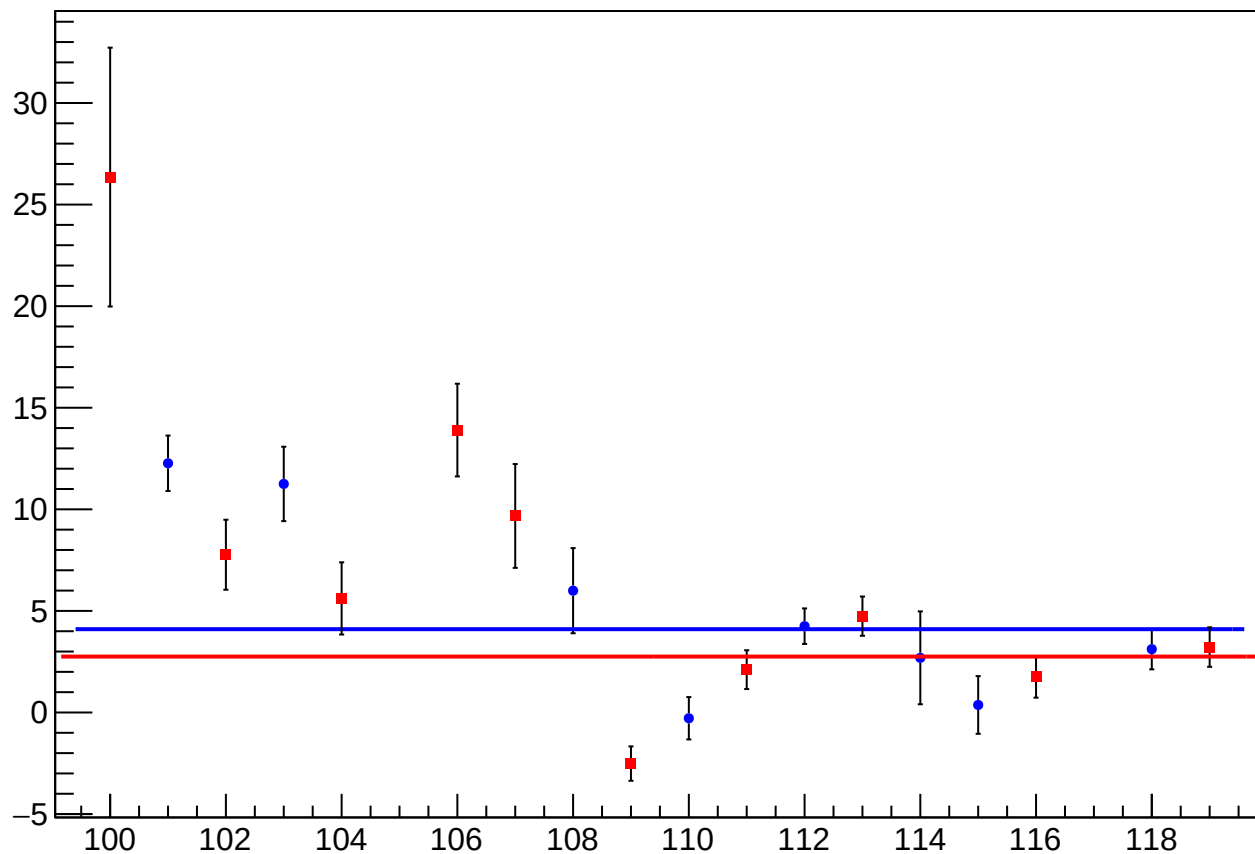
Right: 0.468 $\pm$ 0.005 χ^2 /NDF: 2640.3/17

In: 0.468 $\pm$ 0.008 χ^2 /NDF:951.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2640.3/17

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.101 $\pm$ 0.448 χ^2 /NDF: 77.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.753 $\pm$ 0.389 χ^2 /NDF: 100.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

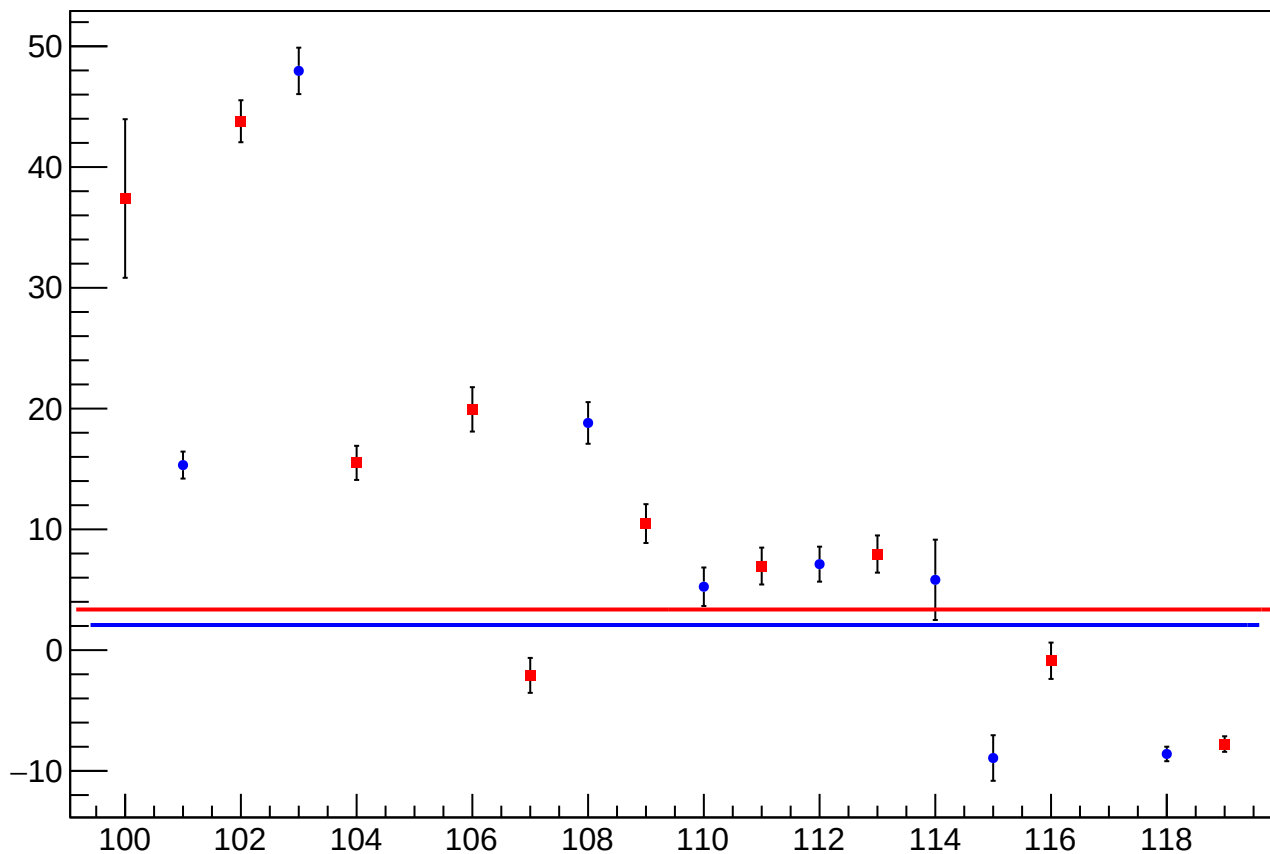
Right: 3.333 $\pm$ 0.294 χ^2 /NDF: 183.6/17

In: 4.101 $\pm$ 0.448 χ^2 /NDF:77.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.333 $\pm$ 0.294 χ^2 /NDF: 183.6/17

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.081+/-0.430 χ^2/NDF : 1171.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.365+/-0.418 χ^2/NDF : 1079.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

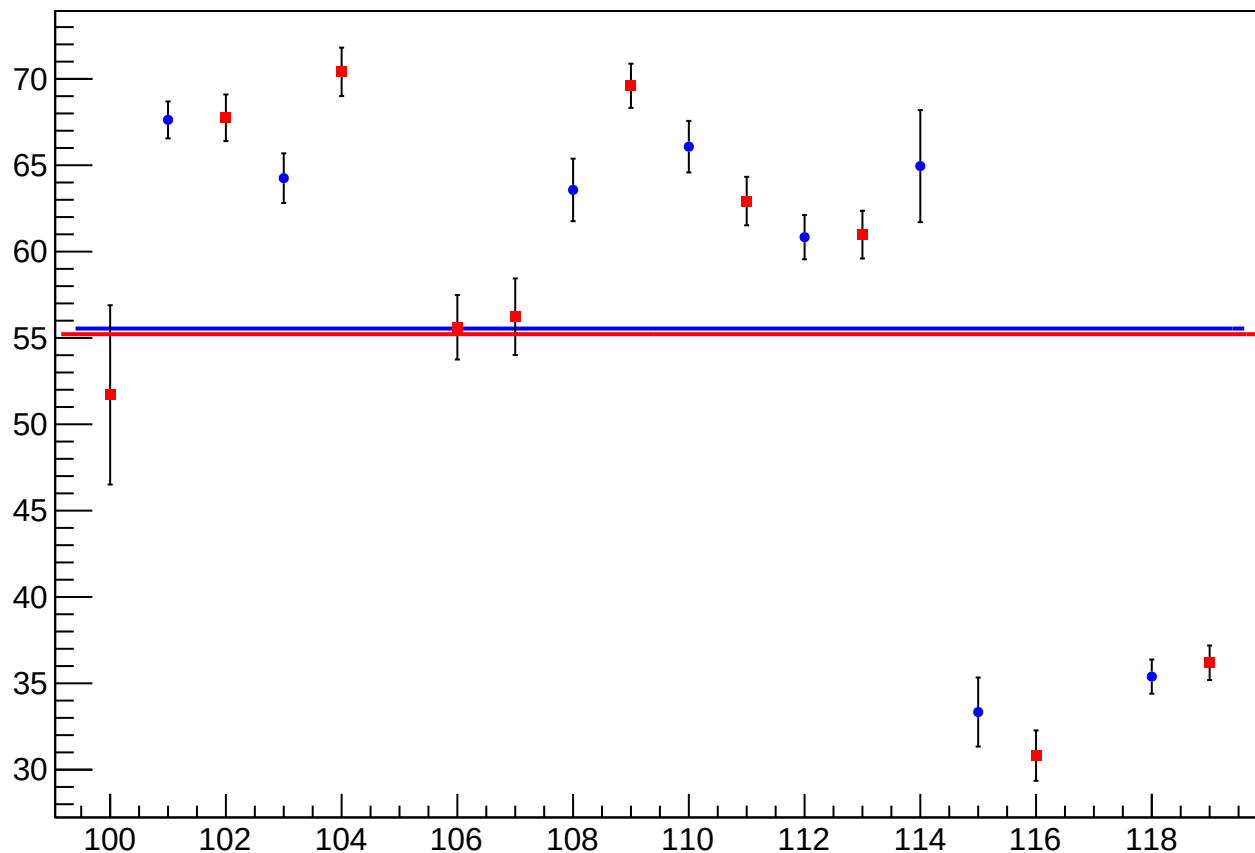
Right: 2.741+/-0.300 χ^2/NDF : 2255.1/17

In: 2.081+/-0.430 χ^2/NDF : 1171.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.741+/-0.300 χ^2/NDF : 2255.1/17

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 55.543+/-0.495 χ^2/NDF : 797.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.217+/-0.461 χ^2/NDF : 1020.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

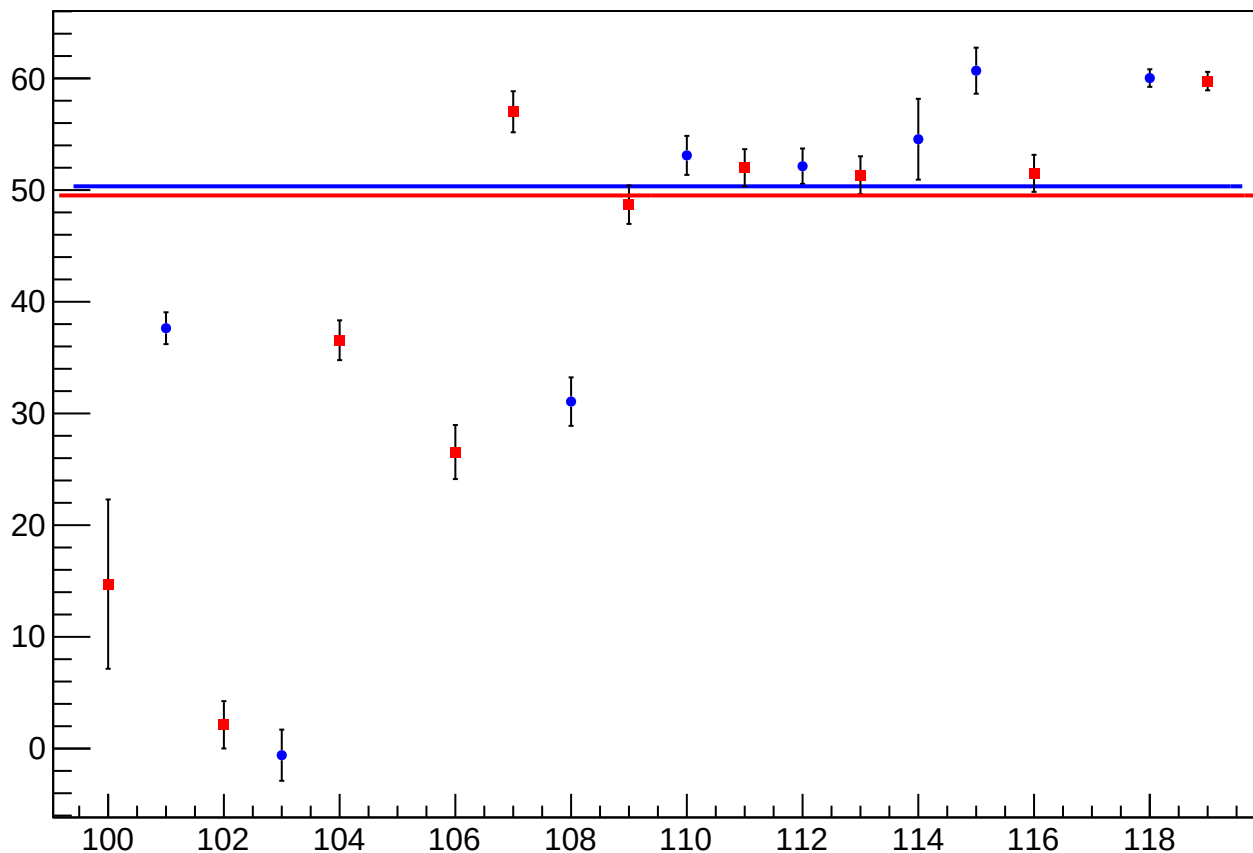
Right: 55.369+/-0.337 χ^2/NDF : 1818.2/17

In: 55.543+/-0.495 χ^2/NDF : 797.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.369+/-0.337 χ^2/NDF : 1818.2/17

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 50.337+/-0.531 χ^2 /NDF: 834.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 49.518+/-0.506 χ^2 /NDF: 839.1/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

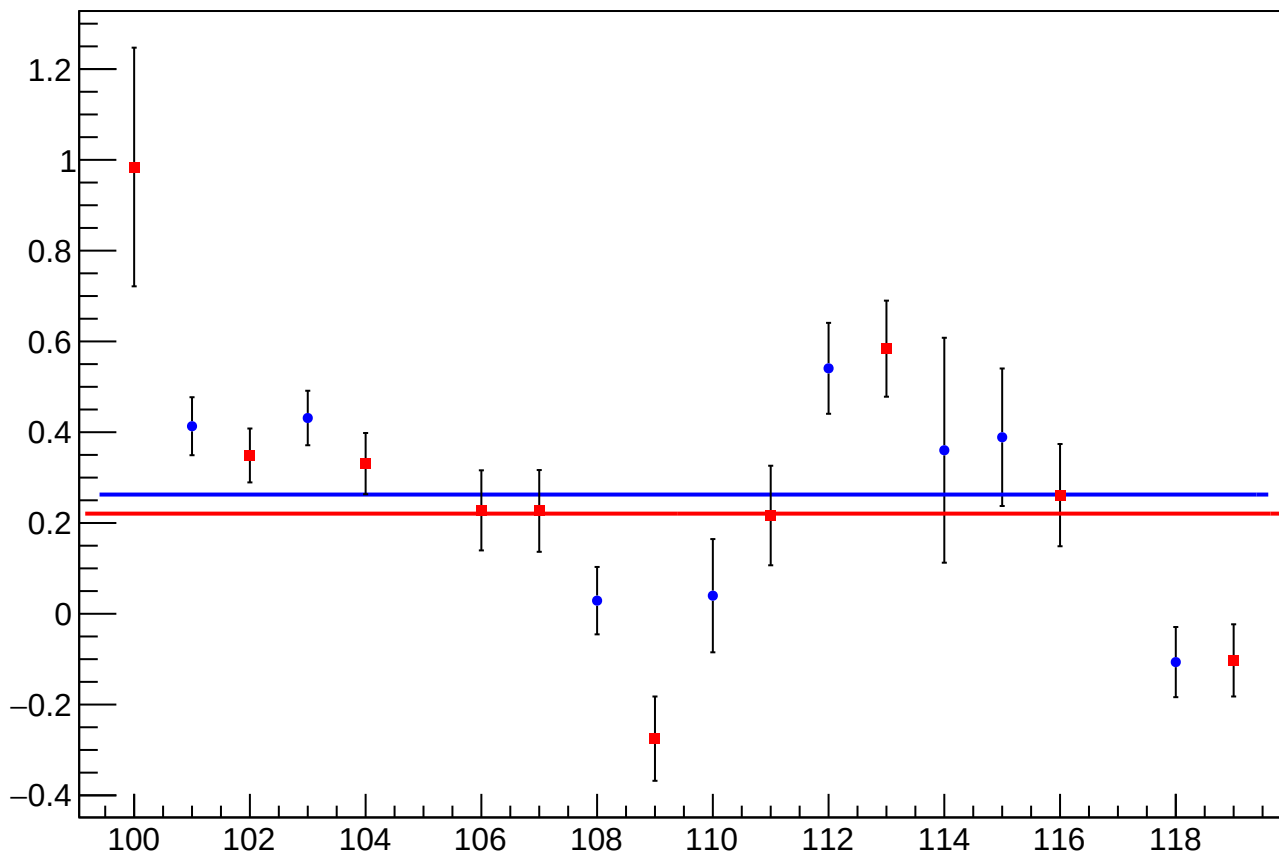
Right: 49.909+/-0.366 χ^2 /NDF: 1674.9/17

In: 50.337+/-0.531 χ^2 /NDF:834.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 49.909+/-0.366 χ^2 /NDF: 1674.9/17

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.263 ± 0.030 χ^2/NDF : 57.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.221 ± 0.028 χ^2/NDF : 72.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

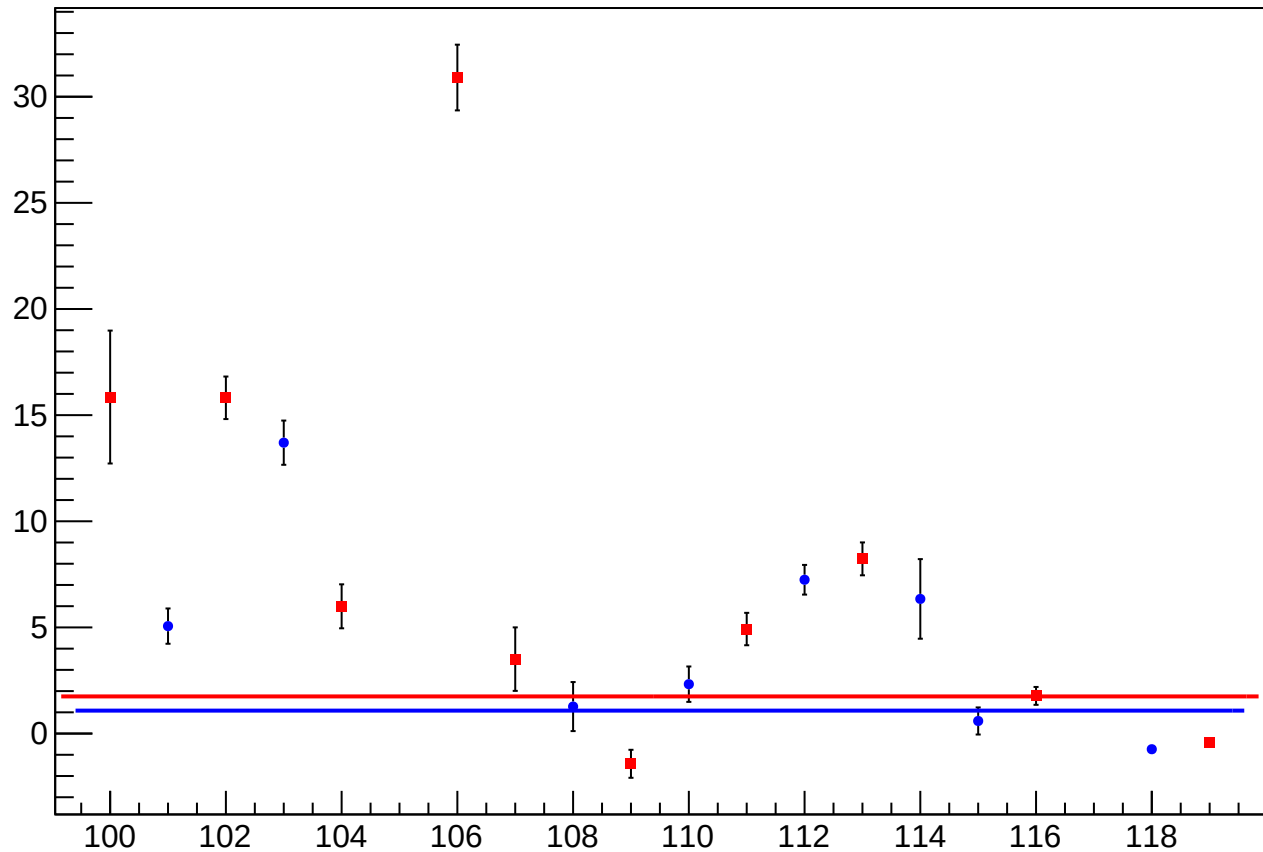
Right: 0.240 ± 0.020 χ^2/NDF : 131.7/17

In: 0.263 ± 0.030 χ^2/NDF : 57.9/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.240 ± 0.020 χ^2/NDF : 131.7/17

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.081+/-0.192 χ^2/NDF : 316.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.749+/-0.173 χ^2/NDF : 790.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

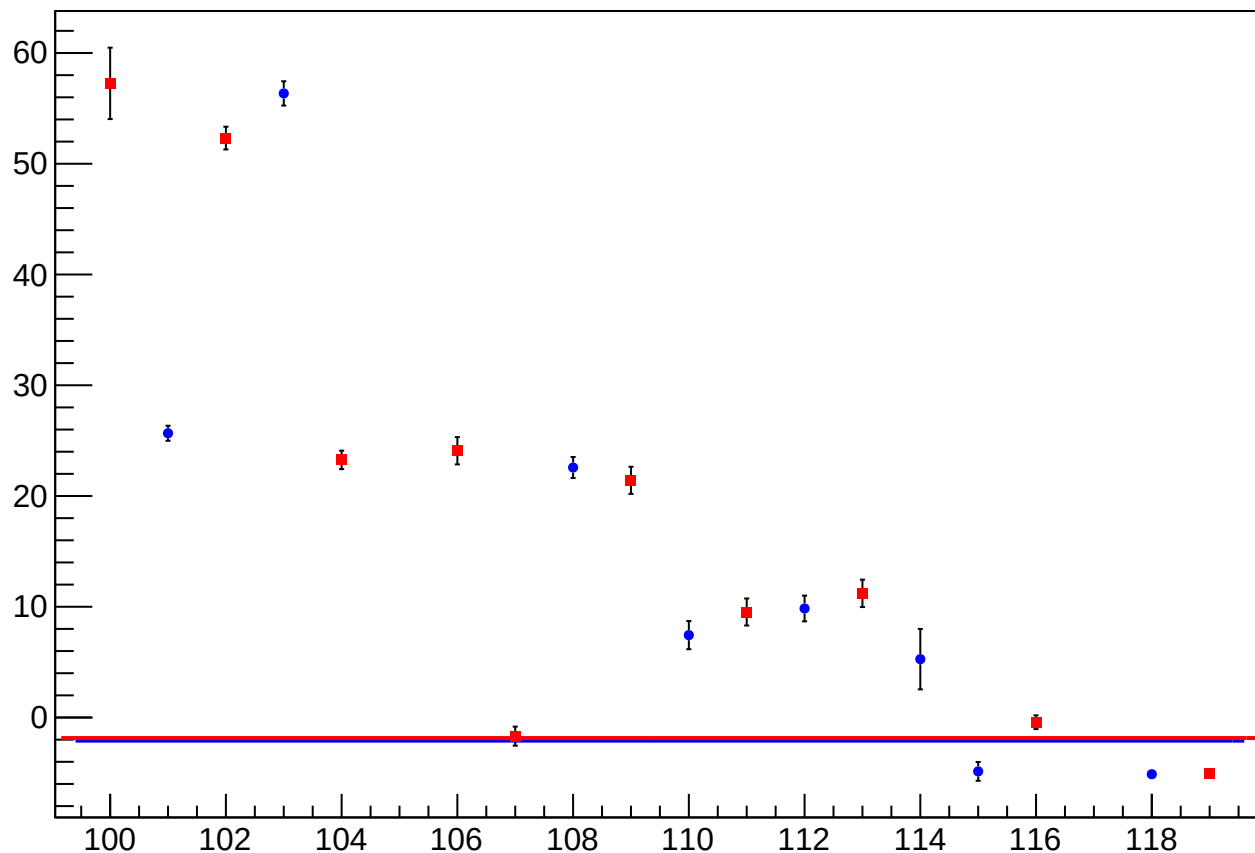
Right: 1.450+/-0.129 χ^2/NDF : 1113.5/17

In: 1.081+/-0.192 χ^2/NDF : 316.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.450+/-0.129 χ^2/NDF : 1113.5/17

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.087+/-0.134 χ^2/NDF : 5803.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.855+/-0.135 χ^2/NDF : 5492.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

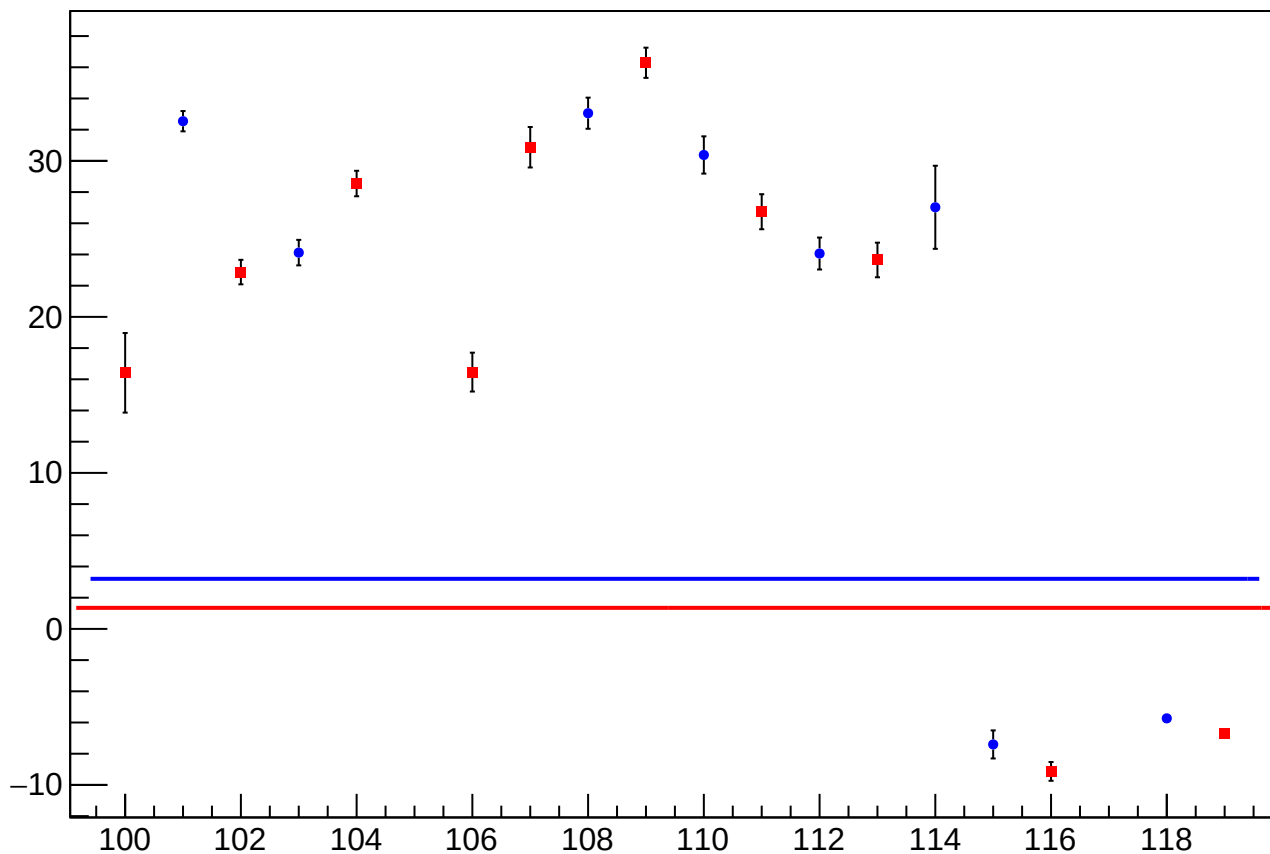
Right: -1.972+/-0.095 χ^2/NDF : 11297.4/17

In: -2.087+/-0.134 χ^2/NDF :5803.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.972+/-0.095 χ^2/NDF : 11297.4/17

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.210+/-0.197 χ^2/NDF : 6163.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.350+/-0.186 χ^2/NDF : 6305.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

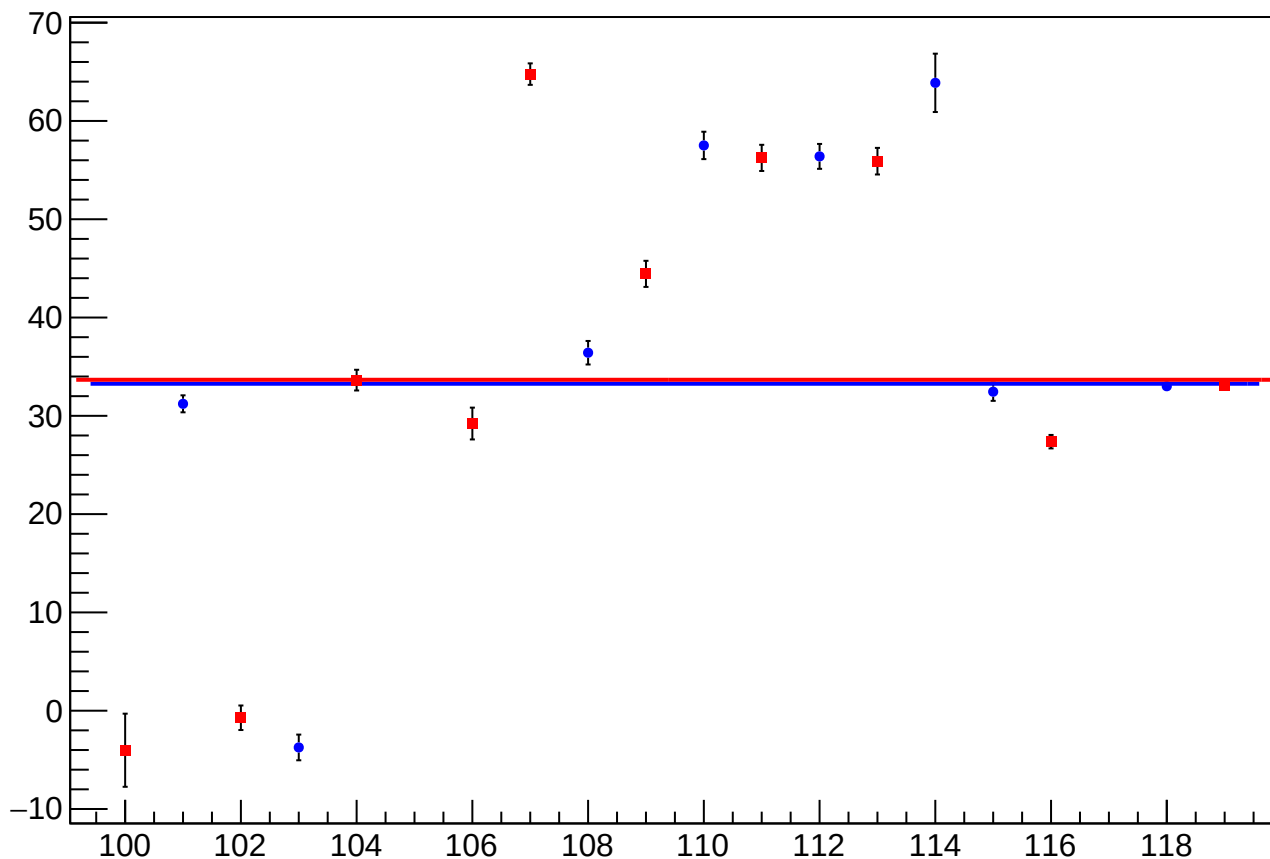
Right: 2.228+/-0.135 χ^2/NDF : 12515.4/17

In: 3.210+/-0.197 χ^2/NDF : 6163.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.228+/-0.135 χ^2/NDF : 12515.4/17

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.264+/-0.172 χ^2/NDF : 1559.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.668+/-0.170 χ^2/NDF : 2398.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

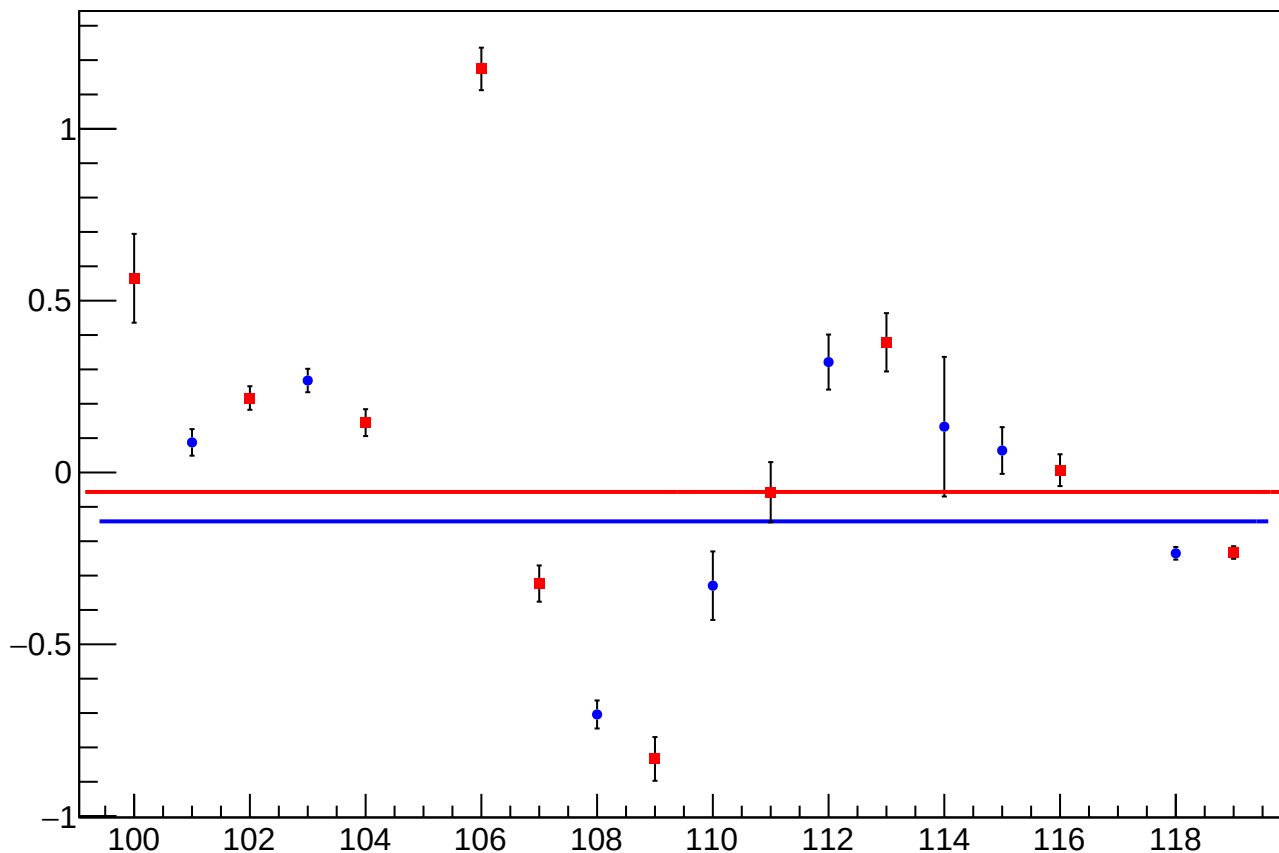
Right: 33.469+/-0.121 χ^2/NDF : 3961.1/17

In: 33.264+/-0.172 χ^2/NDF : 1559.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.469+/-0.121 χ^2/NDF : 3961.1/17

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.142+/-0.013 χ^2/NDF : 443.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.057+/-0.013 χ^2/NDF : 804.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

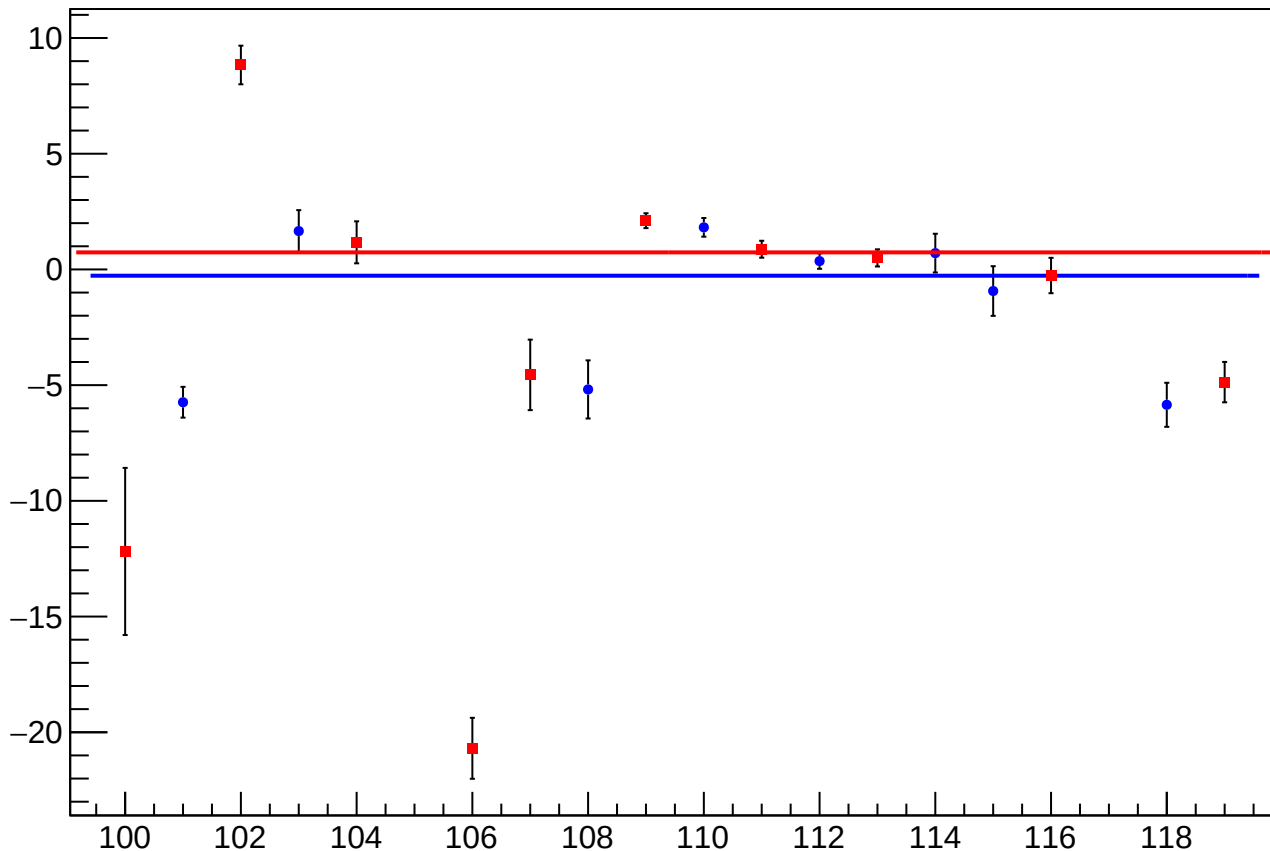
Right: -0.097+/-0.009 χ^2/NDF : 1269.1/17

In: -0.142+/-0.013 χ^2/NDF :443.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.097+/-0.009 χ^2/NDF : 1269.1/17

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.271 $\pm$ 0.210 χ^2 /NDF: 153.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.737 $\pm$ 0.179 χ^2 /NDF: 445.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

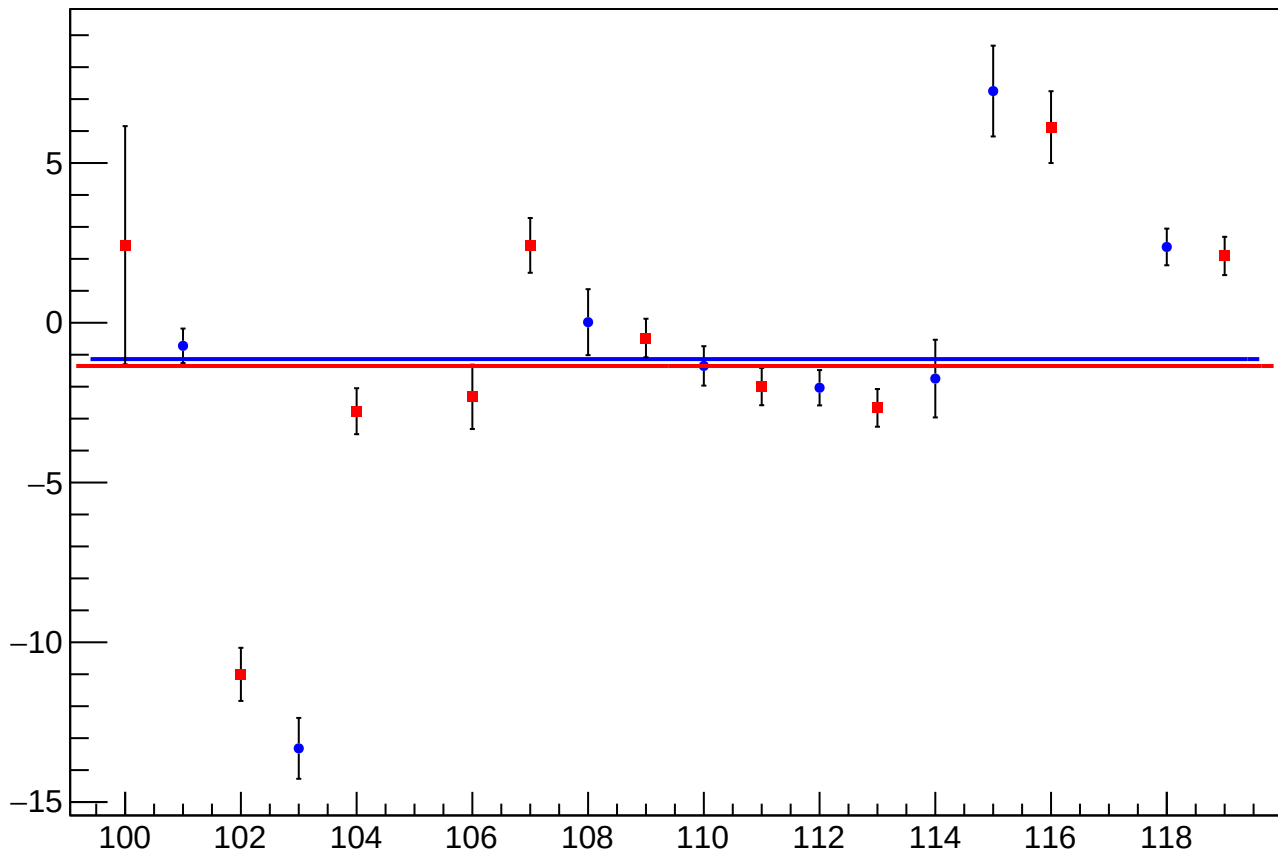
Right: 0.314 $\pm$ 0.136 χ^2 /NDF: 612.7/17

In: -0.271 $\pm$ 0.210 χ^2 /NDF:153.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.314 $\pm$ 0.136 χ^2 /NDF: 612.7/17

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.137+/-0.253 χ^2/NDF : 240.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.352+/-0.236 χ^2/NDF : 245.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

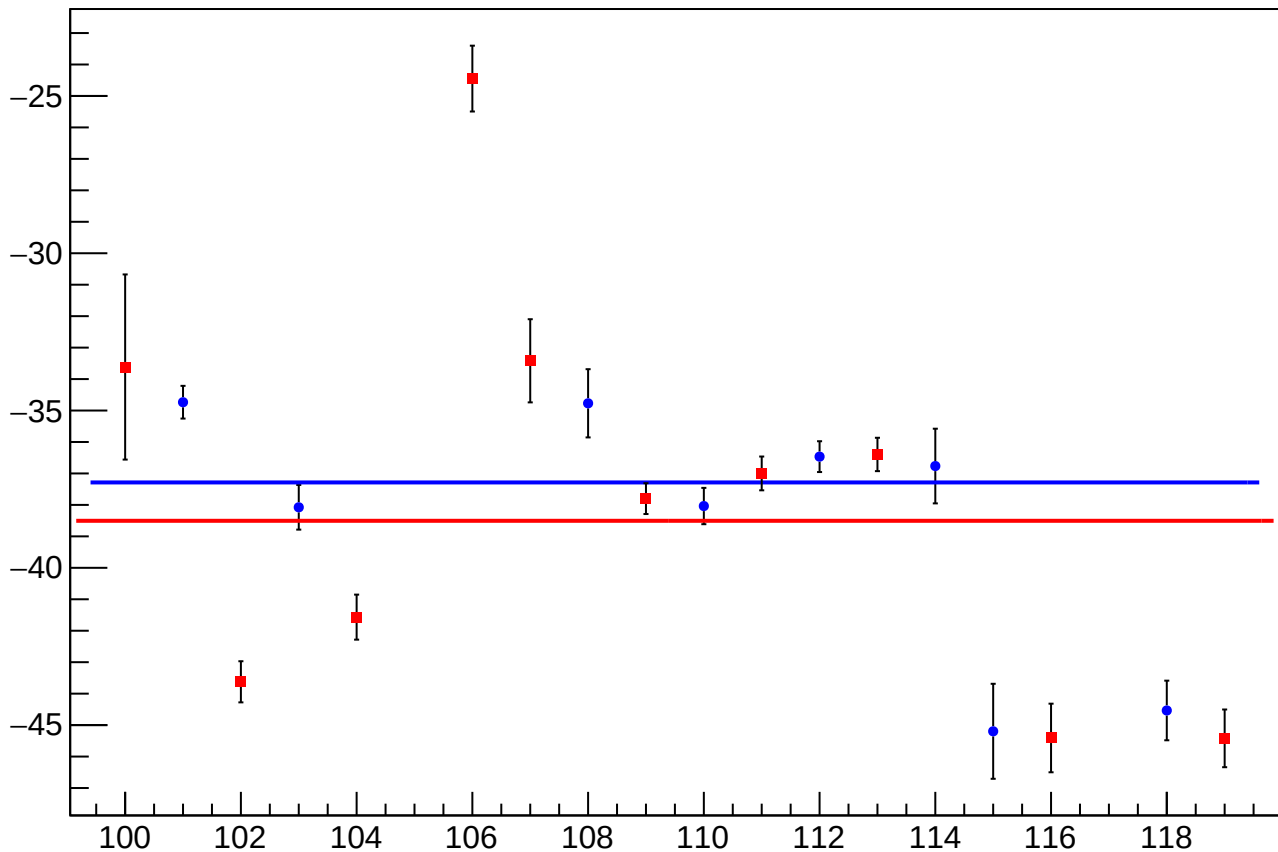
Right: -1.252+/-0.173 χ^2/NDF : 486.5/17

In: -1.137+/-0.253 χ^2/NDF : 240.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.252+/-0.173 χ^2/NDF : 486.5/17

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.286 $\pm$ 0.250 χ^2 /NDF: 121.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.505 $\pm$ 0.229 χ^2 /NDF: 400.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

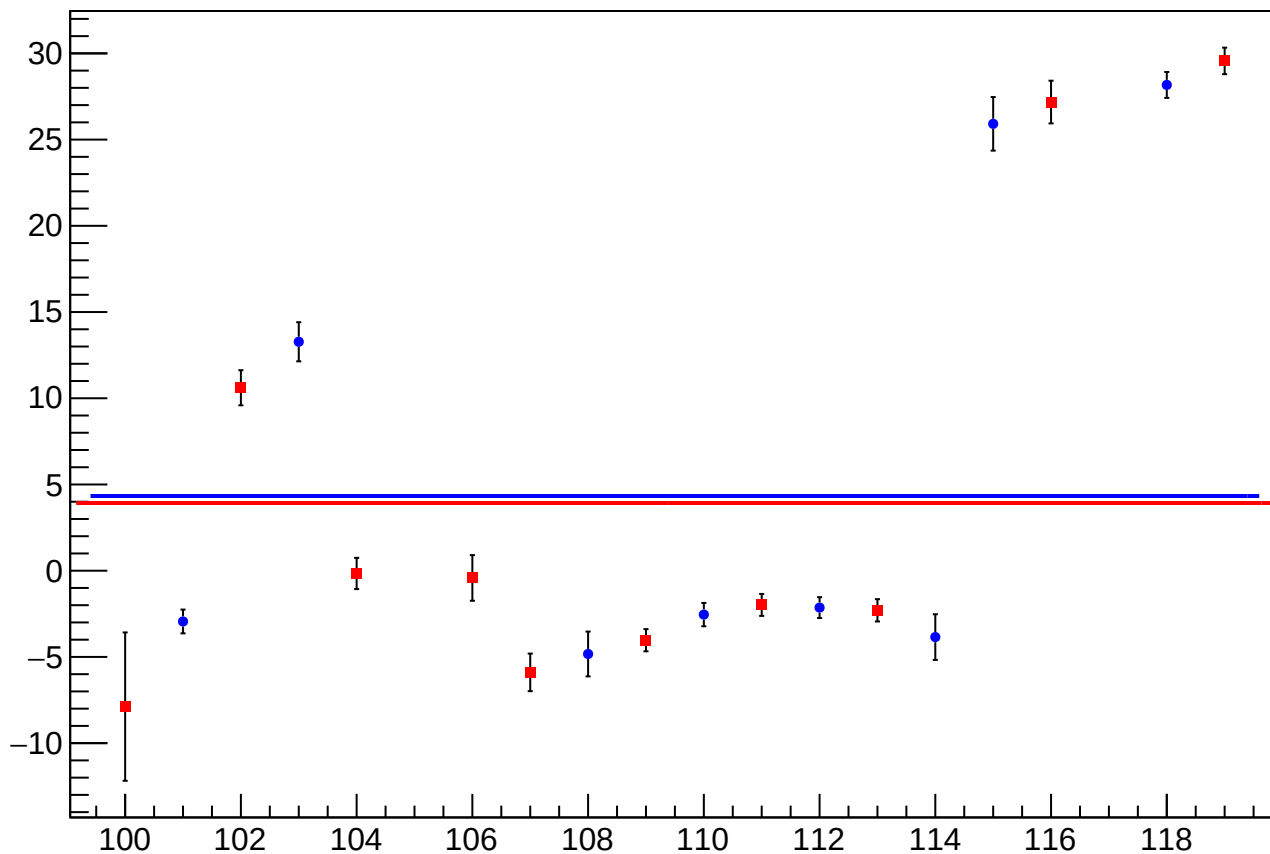
Right: -37.950 $\pm$ 0.169 χ^2 /NDF: 534.5/17

In: -37.286 $\pm$ 0.250 χ^2 /NDF:121.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -37.950 $\pm$ 0.169 χ^2 /NDF: 534.5/17

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.332+/-0.299 χ^2/NDF : 1680.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.926+/-0.274 χ^2/NDF : 1961.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

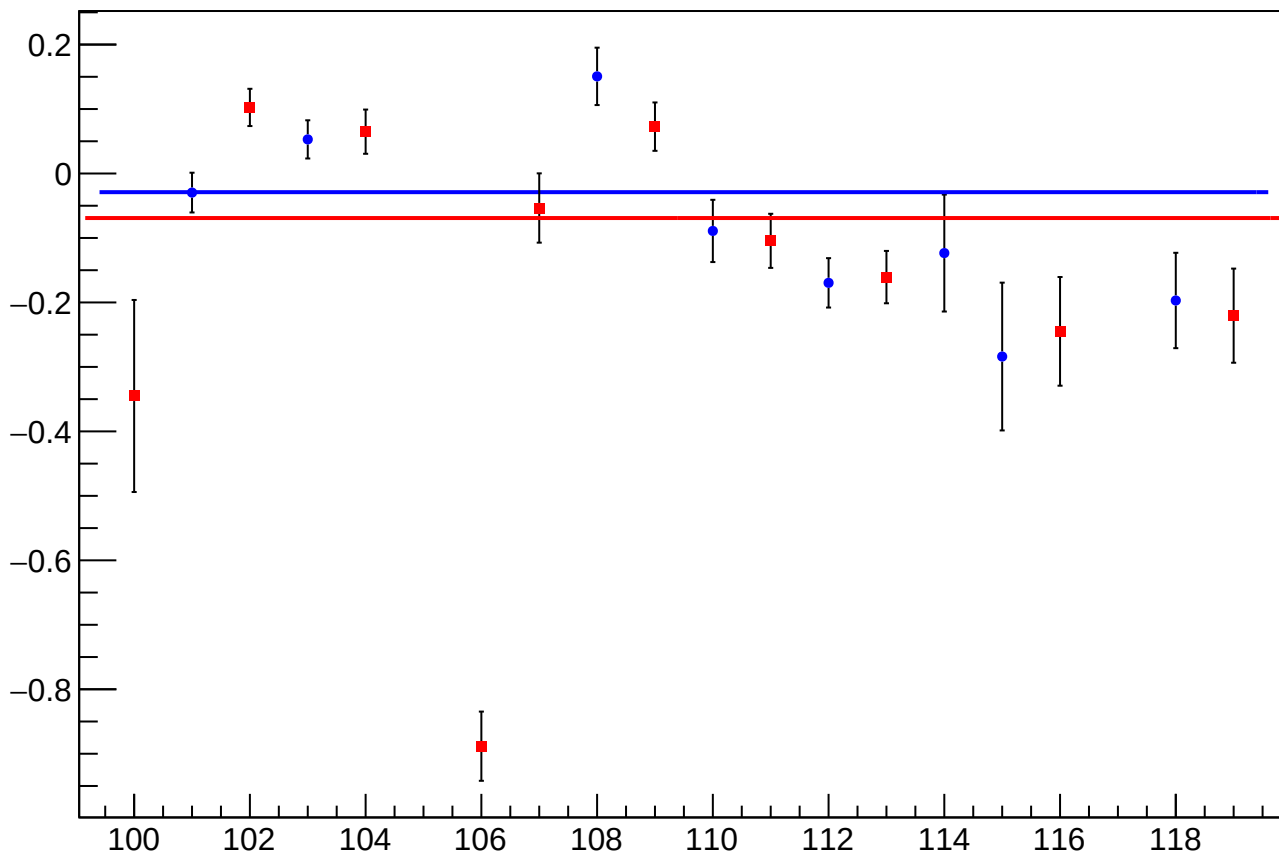
Right: 4.111+/-0.202 χ^2/NDF : 3642.2/17

In: 4.332+/-0.299 χ^2/NDF : 1680.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.111+/-0.202 χ^2/NDF : 3642.2/17

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.029 ± 0.015 χ^2/NDF : 50.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.069 ± 0.014 χ^2/NDF : 315.7/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

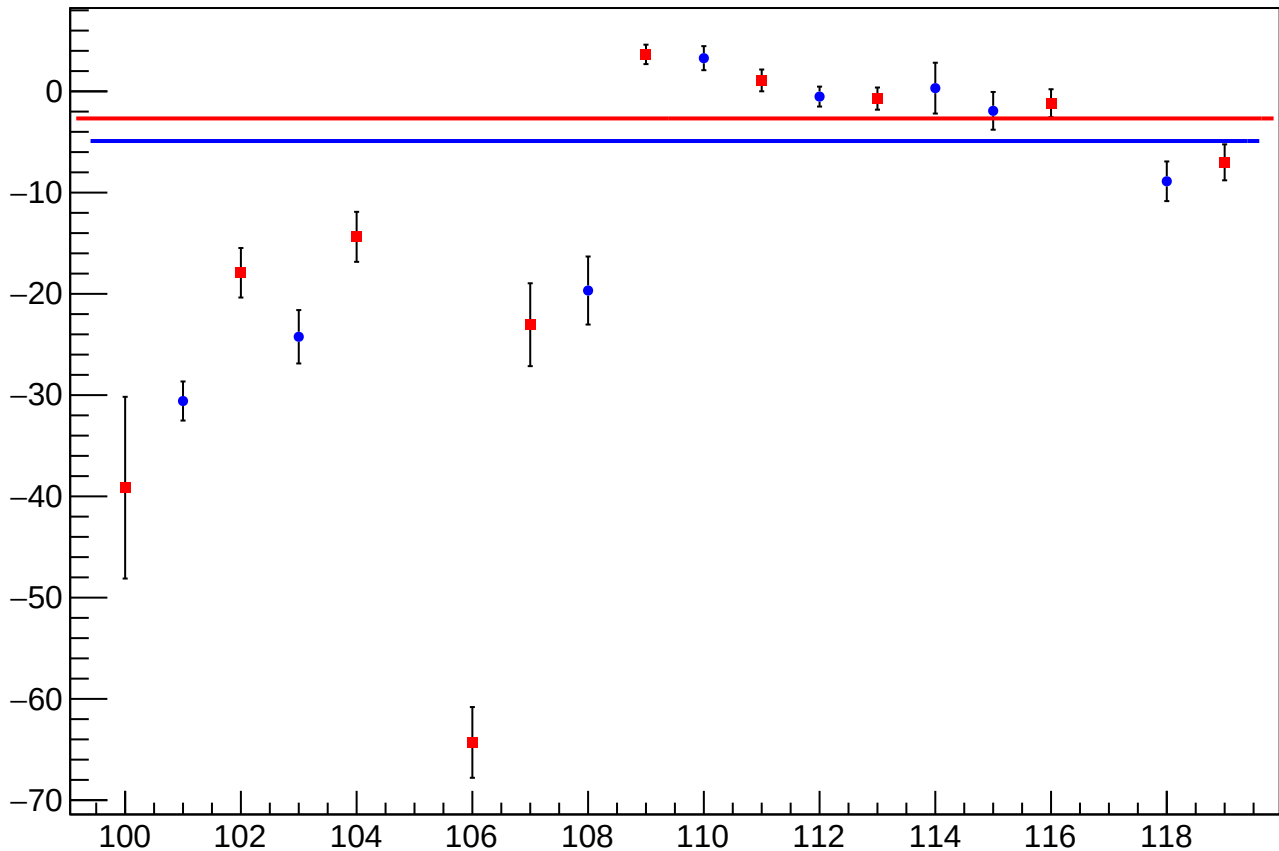
Right: -0.051 ± 0.010 χ^2/NDF : 369.5/17

In: -0.029 ± 0.015 χ^2/NDF : 50.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.010 χ^2/NDF : 369.5/17

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.906+/-0.582 χ^2/NDF : 328.5/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.676+/-0.493 χ^2/NDF : 479.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

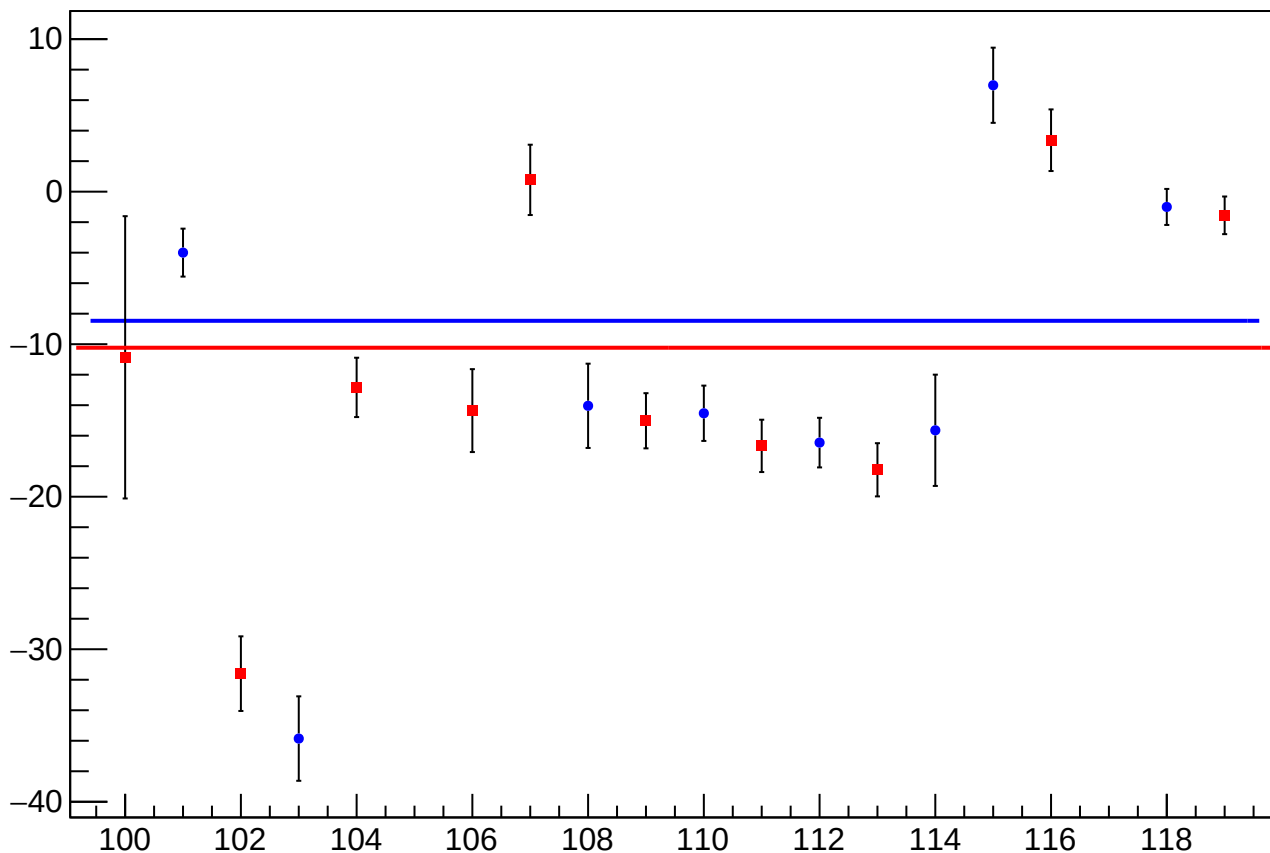
Right: -3.607+/-0.376 χ^2/NDF : 817.0/17

In: -4.906+/-0.582 χ^2/NDF :328.5/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.607+/-0.376 χ^2/NDF : 817.0/17

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.467+/-0.659 χ^2/NDF : 228.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.232+/-0.615 χ^2/NDF : 240.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

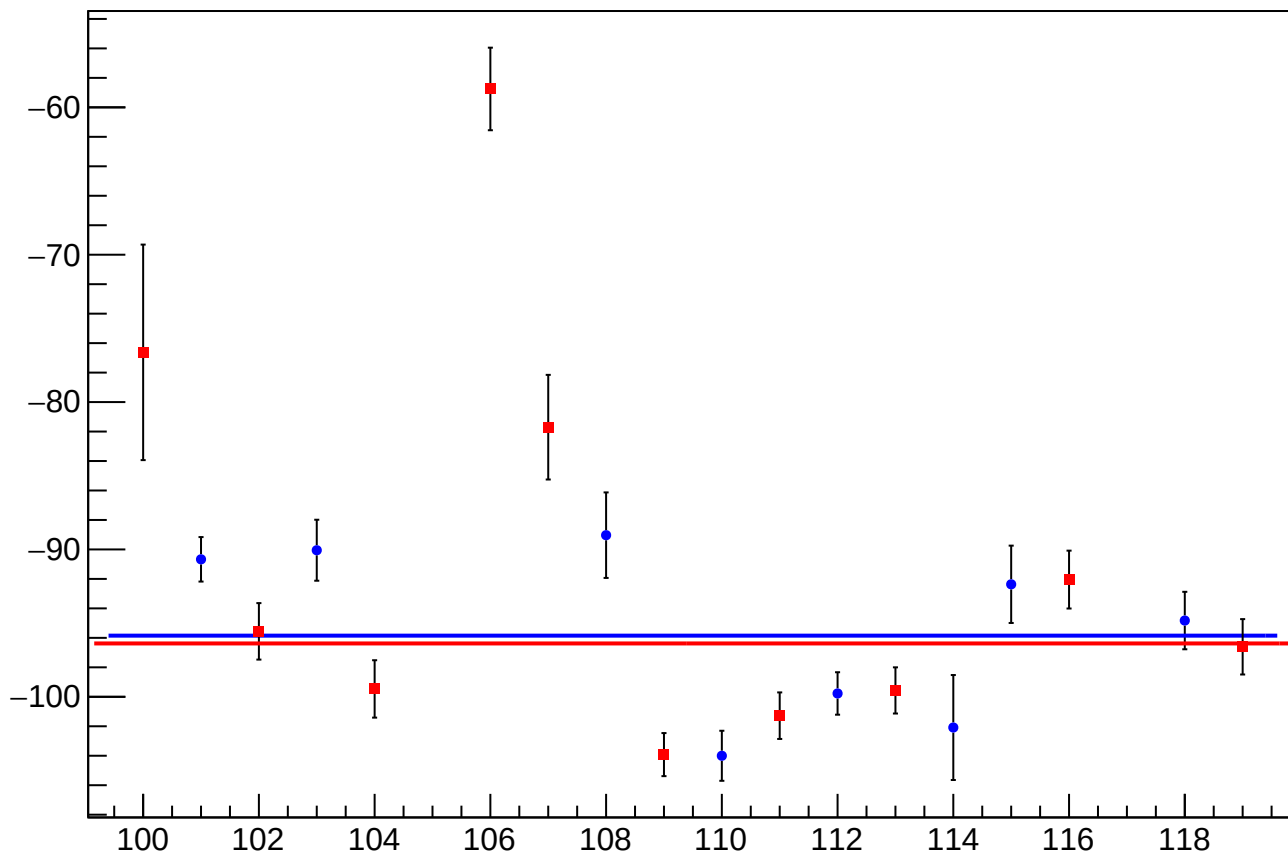
Right: -9.410+/-0.450 χ^2/NDF : 472.4/17

In: -8.467+/-0.659 χ^2/NDF : 228.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.410+/-0.450 χ^2/NDF : 472.4/17

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -95.850+/-0.689 χ^2/NDF : 60.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.379+/-0.623 χ^2/NDF : 252.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

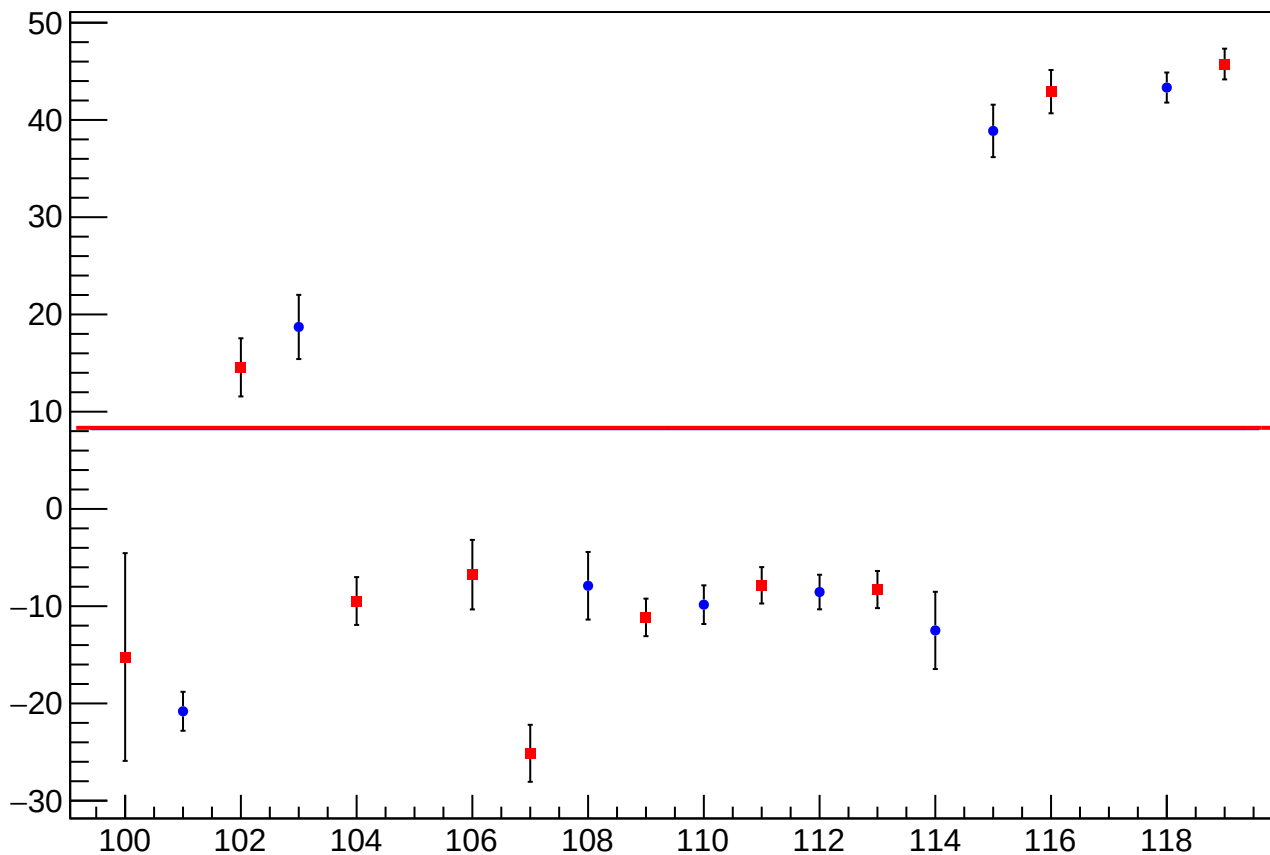
Right: -96.142+/-0.462 χ^2/NDF : 313.8/17

In: -95.850+/-0.689 χ^2/NDF : 60.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.142+/-0.462 χ^2/NDF : 313.8/17

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 8.300+/-0.788 χ^2/NDF : 1084.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.341+/-0.723 χ^2/NDF : 1264.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

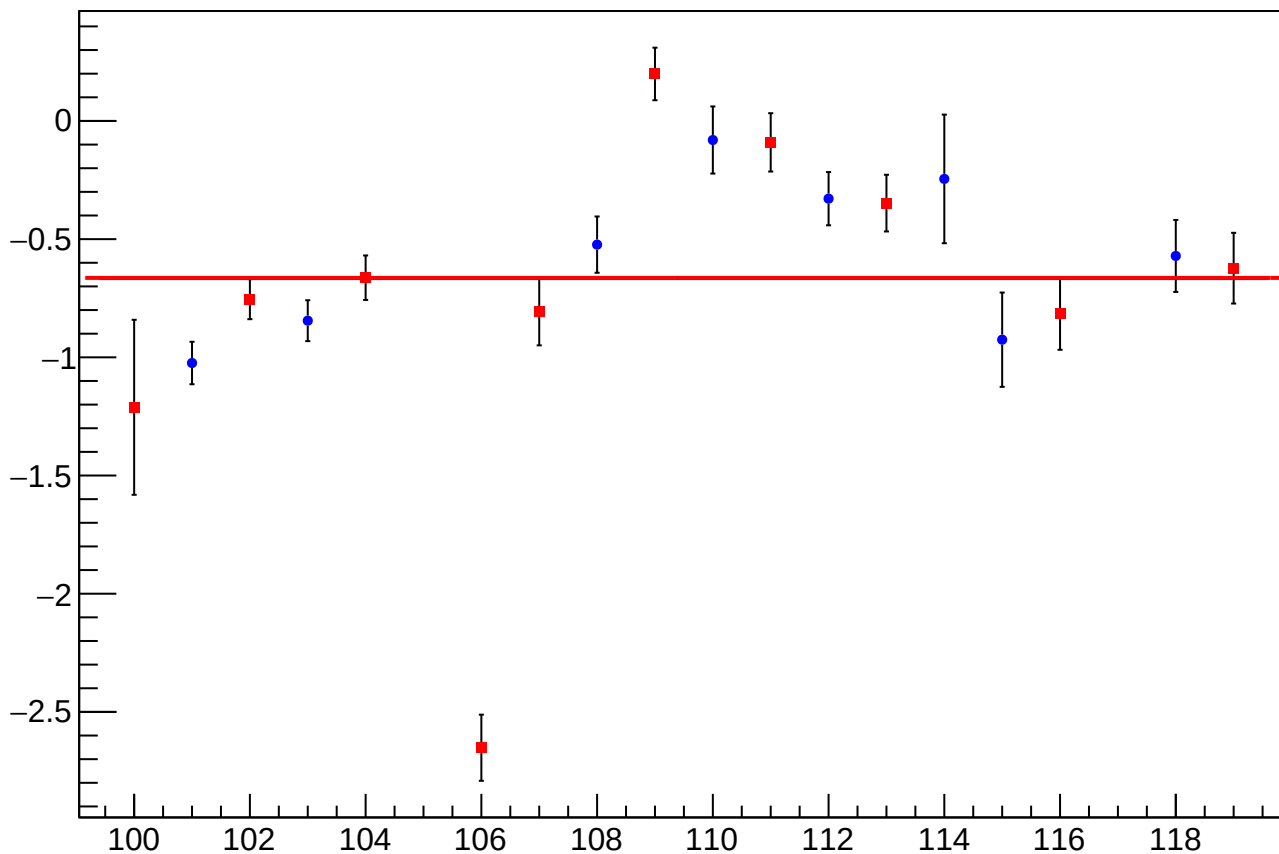
Right: 8.322+/-0.533 χ^2/NDF : 2349.4/17

In: 8.300+/-0.788 χ^2/NDF : 1084.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.322+/-0.533 χ^2/NDF : 2349.4/17

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.665+/-0.043 χ^2/NDF : 52.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.664+/-0.039 χ^2/NDF : 295.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

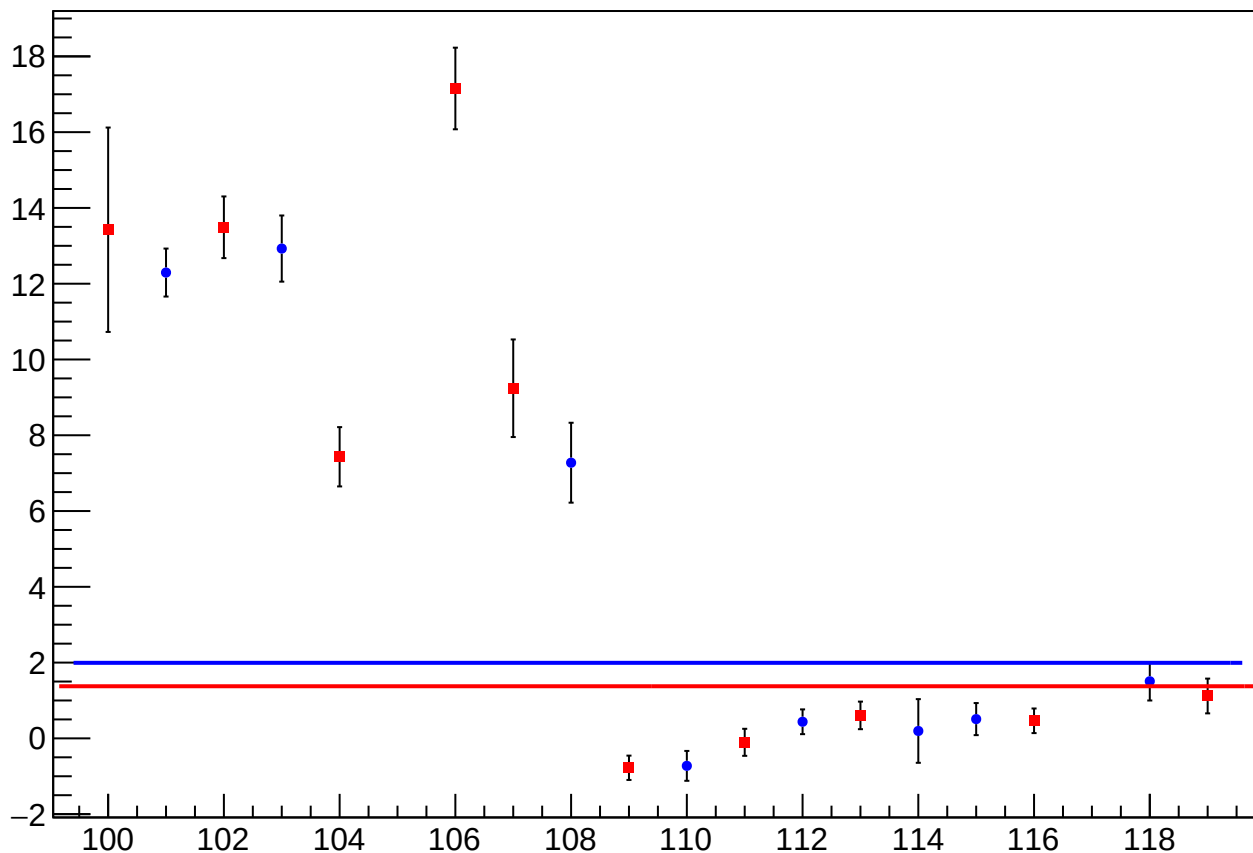
Right: -0.664+/-0.029 χ^2/NDF : 347.9/17

In: -0.665+/-0.043 χ^2/NDF : 52.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.664+/-0.029 χ^2/NDF : 347.9/17

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.994 $\pm$ 0.179 χ^2 /NDF: 534.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.376 $\pm$ 0.151 χ^2 /NDF: 628.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

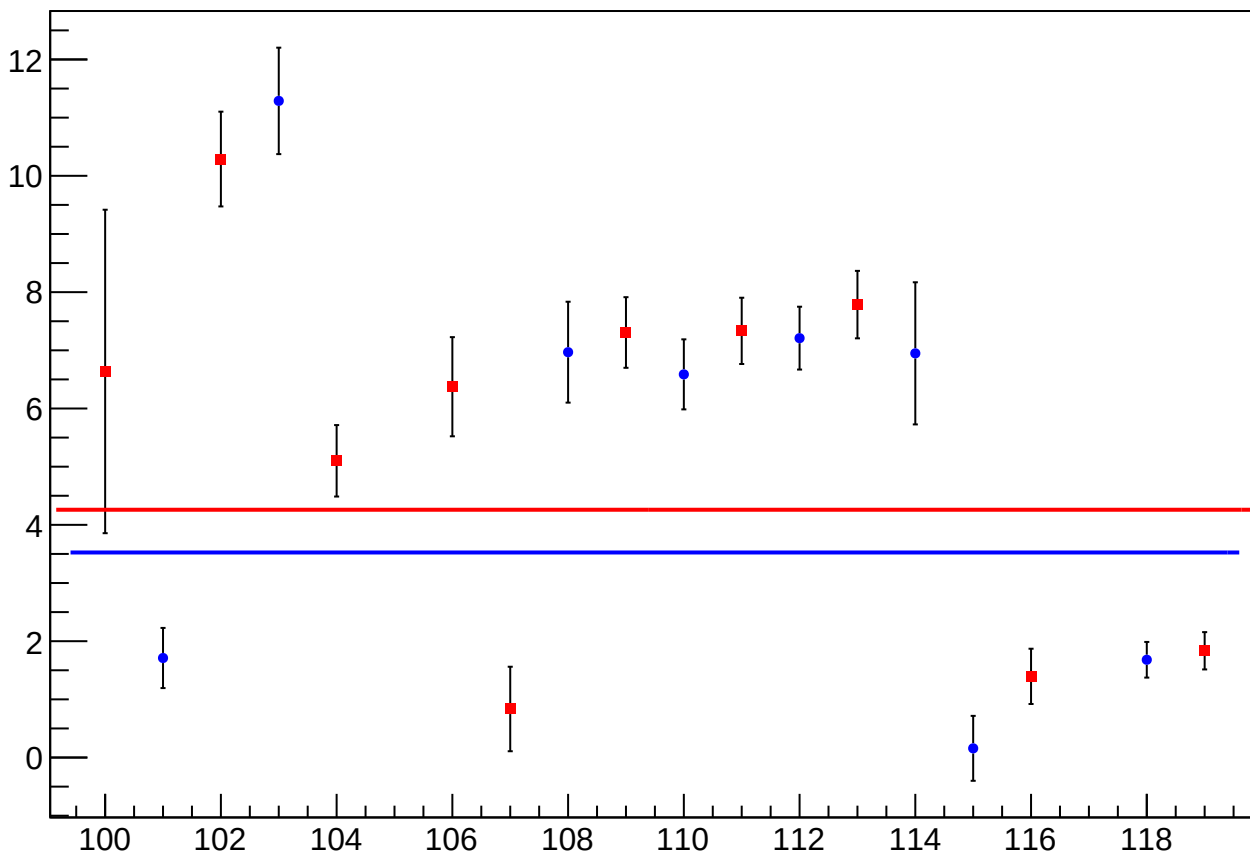
Right: 1.633 $\pm$ 0.115 χ^2 /NDF: 1169.7/17

In: 1.994 $\pm$ 0.179 χ^2 /NDF:534.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.633 $\pm$ 0.115 χ^2 /NDF: 1169.7/17

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.525+/-0.193 χ^2/NDF : 252.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.260+/-0.181 χ^2/NDF : 270.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

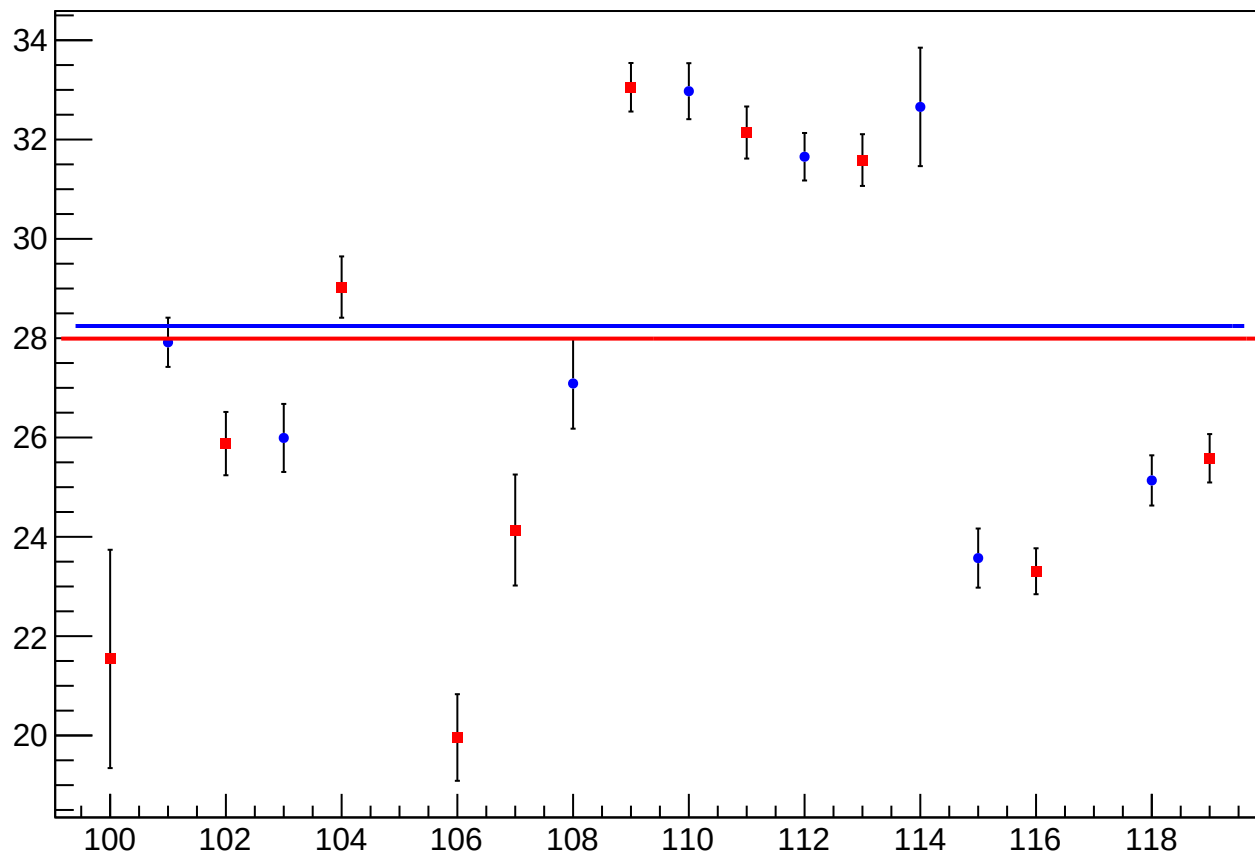
Right: 3.915+/-0.132 χ^2/NDF : 531.3/17

In: 3.525+/-0.193 χ^2/NDF : 252.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.915+/-0.132 χ^2/NDF : 531.3/17

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 28.245+/-0.211 χ^2/NDF : 247.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.992+/-0.190 χ^2/NDF : 463.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

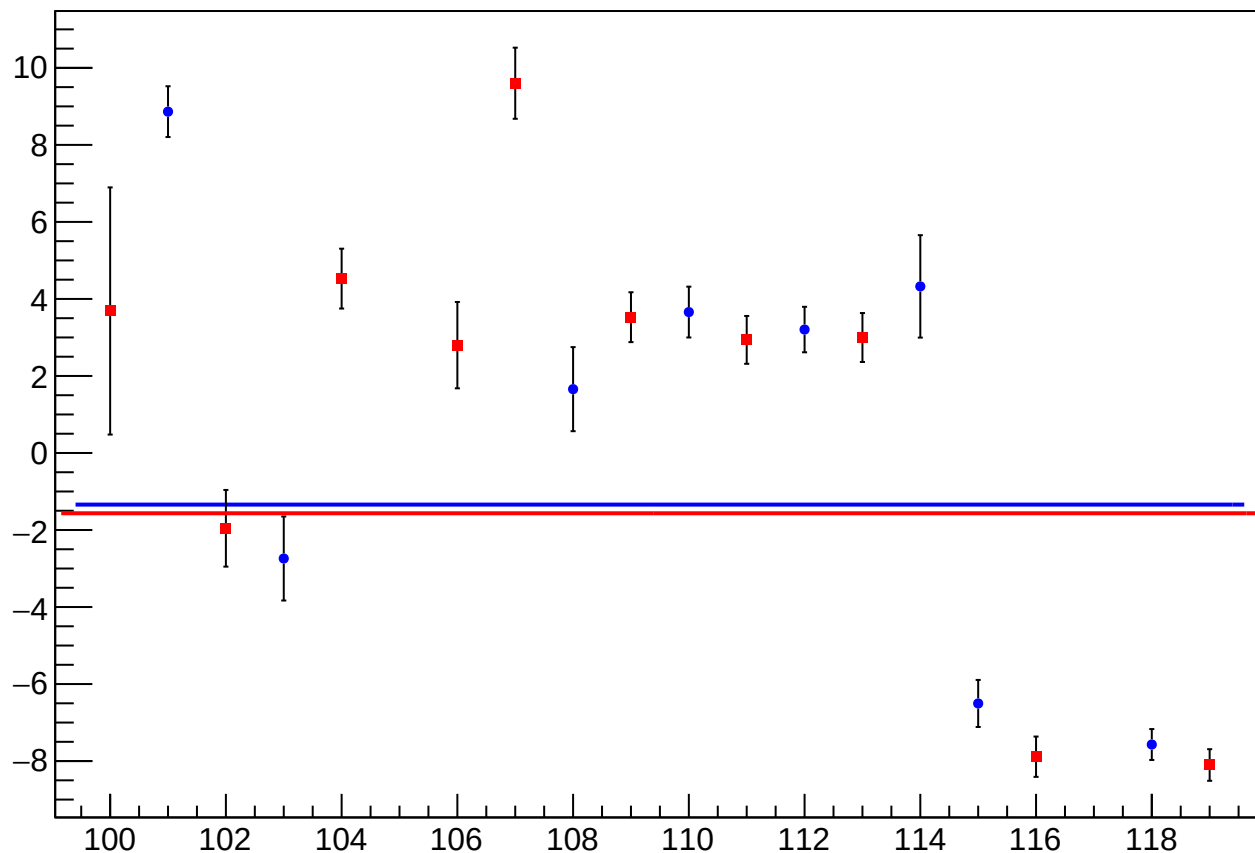
Right: 28.105+/-0.141 χ^2/NDF : 711.7/17

In: 28.245+/-0.211 χ^2/NDF : 247.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.105+/-0.141 χ^2/NDF : 711.7/17

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.340 $\pm$ 0.232 χ^2 /NDF: 696.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.565 $\pm$ 0.214 χ^2 /NDF: 791.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

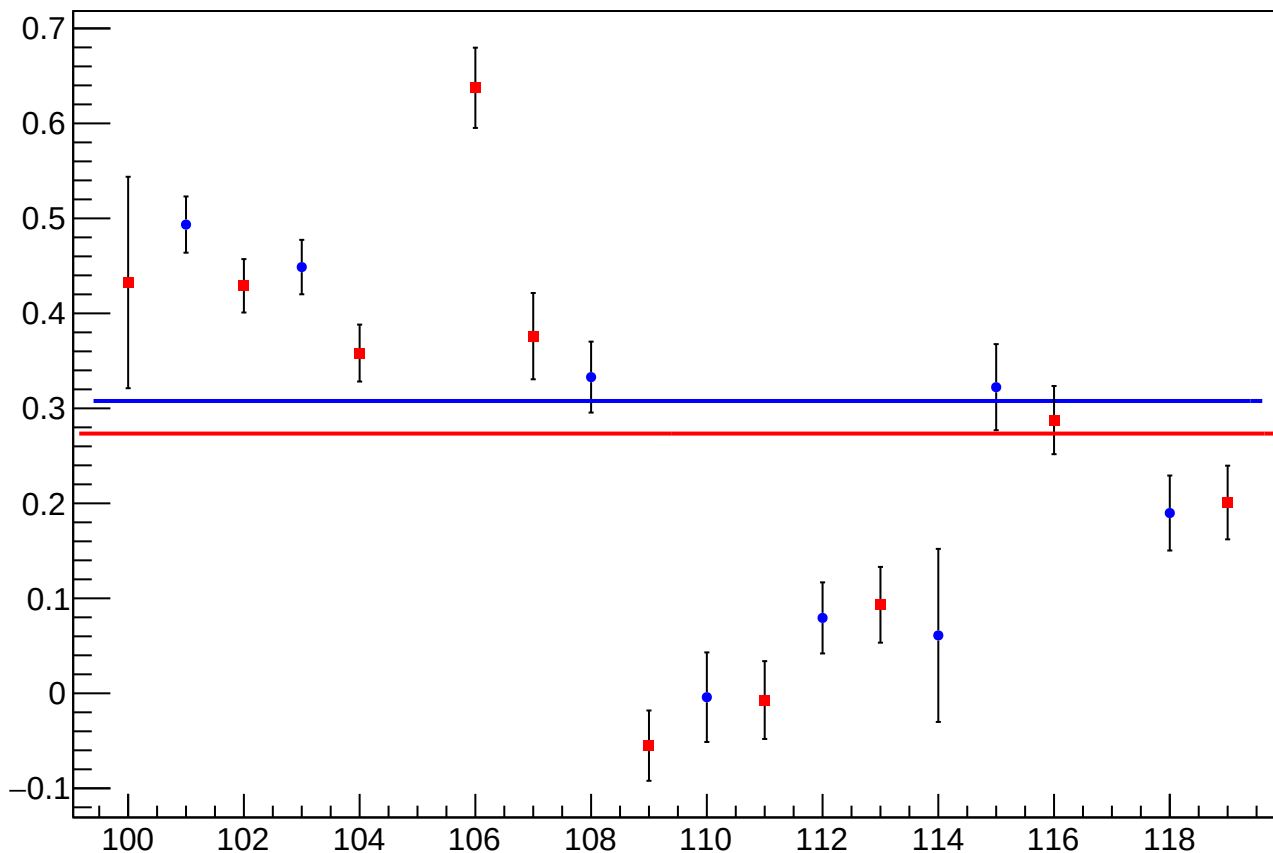
Right: -1.462 $\pm$ 0.157 χ^2 /NDF: 1487.7/17

In: -1.340 $\pm$ 0.232 χ^2 /NDF:696.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.462 $\pm$ 0.157 χ^2 /NDF: 1487.7/17

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.308 $\pm$ 0.013 χ^2 /NDF: 161.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.273 $\pm$ 0.012 χ^2 /NDF: 269.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

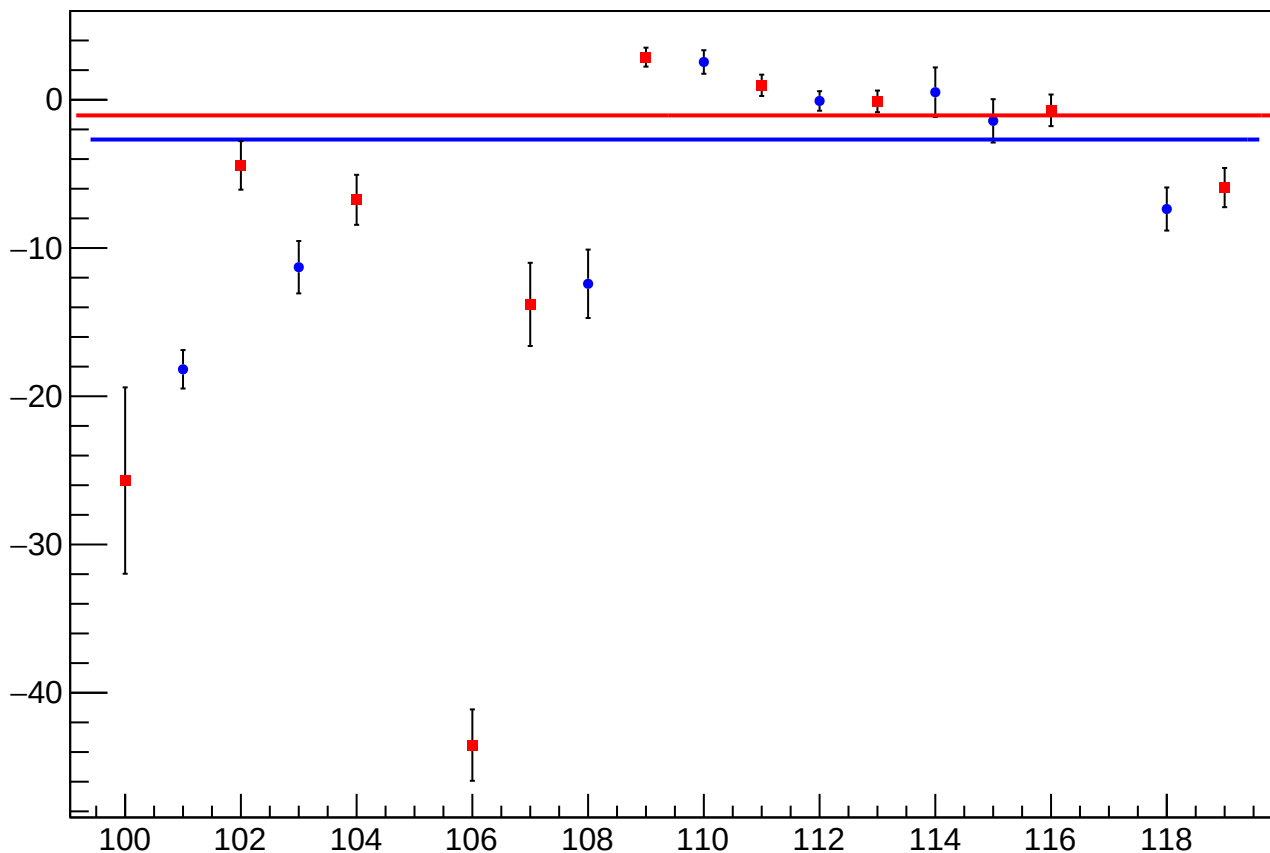
Right: 0.289 $\pm$ 0.009 χ^2 /NDF: 434.8/17

In: 0.308 $\pm$ 0.013 χ^2 /NDF:161.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.289 $\pm$ 0.009 χ^2 /NDF: 434.8/17

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.681+/-0.399 χ^2/NDF : 258.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.054+/-0.338 χ^2/NDF : 423.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

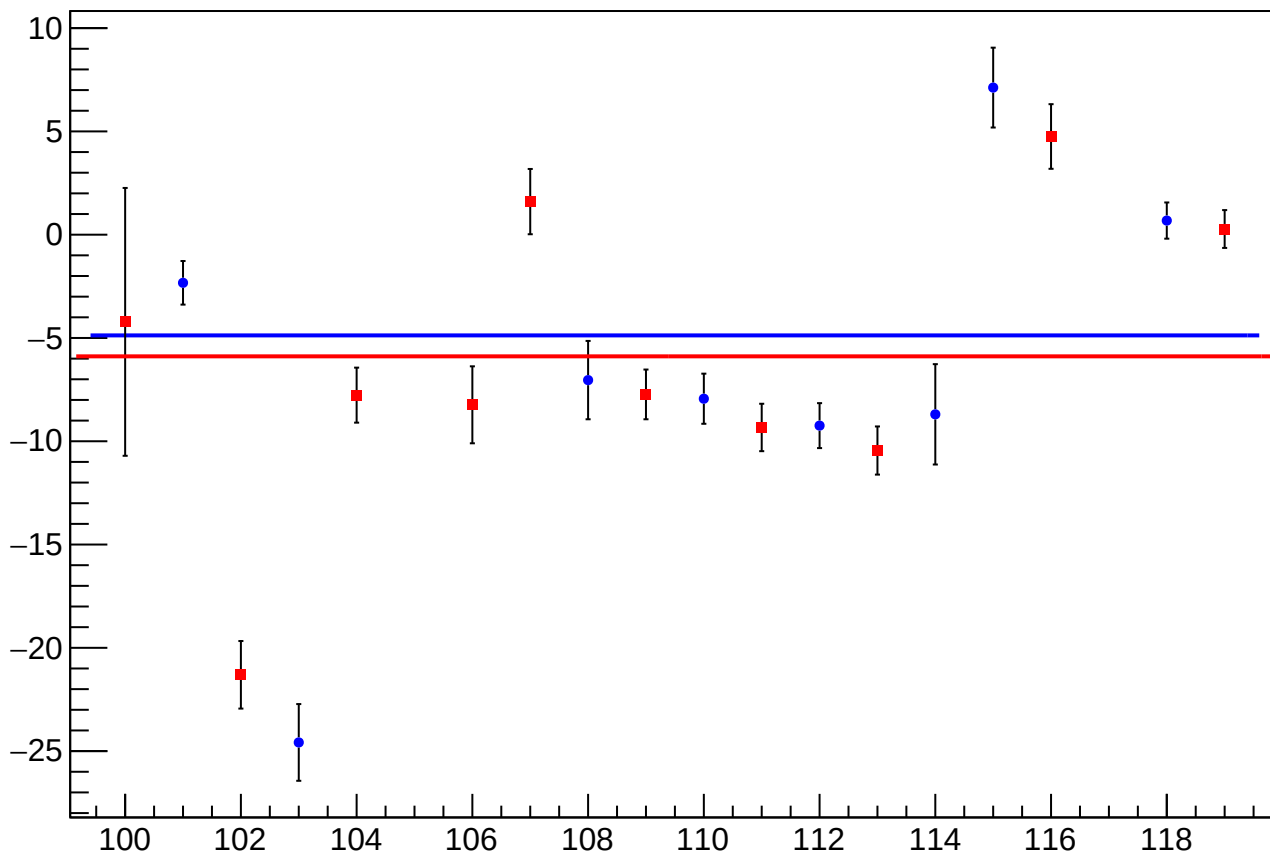
Right: -1.735+/-0.258 χ^2/NDF : 691.7/17

In: -2.681+/-0.399 χ^2/NDF : 258.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.735+/-0.258 χ^2/NDF : 691.7/17

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.875+/-0.460 χ^2/NDF : 223.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.889+/-0.429 χ^2/NDF : 233.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

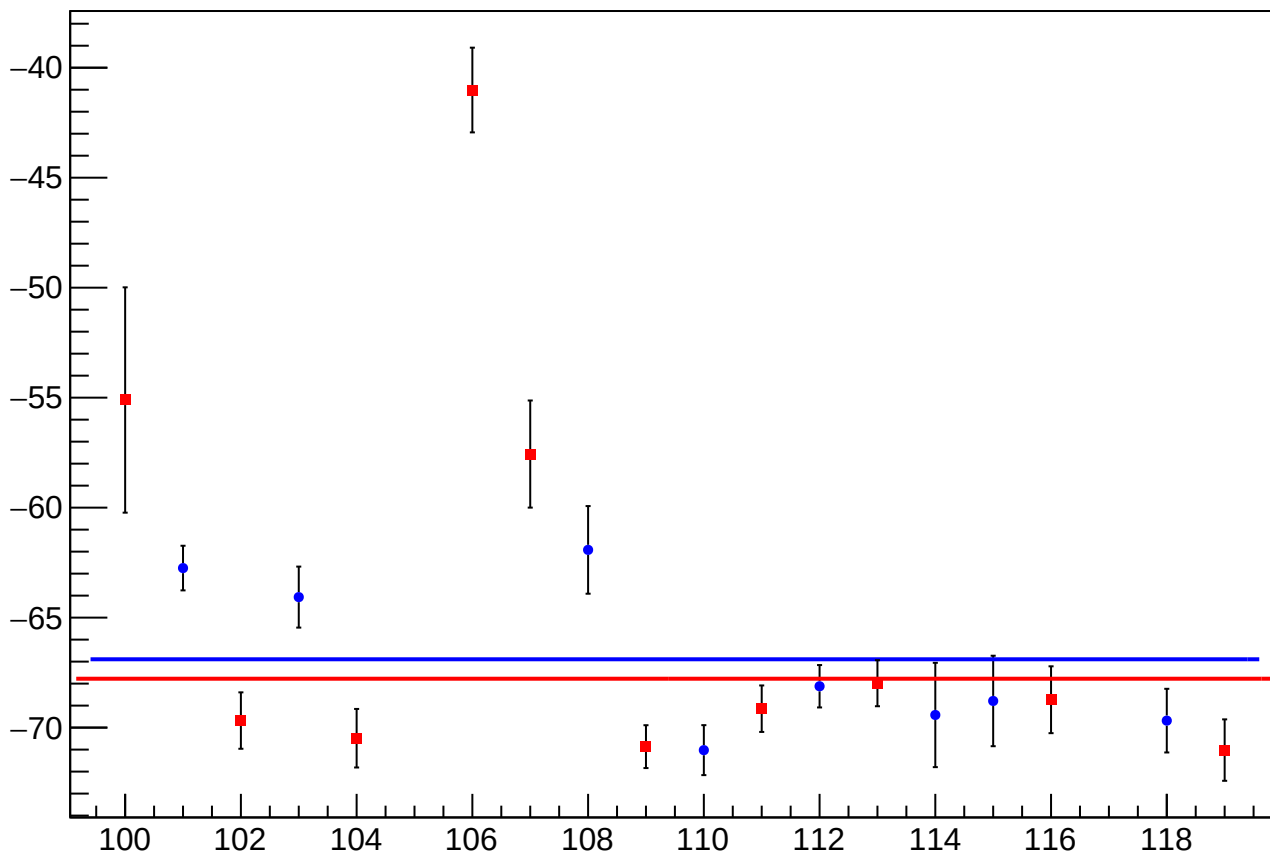
Right: -5.418+/-0.314 χ^2/NDF : 459.2/17

In: -4.875+/-0.460 χ^2/NDF :223.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.418+/-0.314 χ^2/NDF : 459.2/17

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.894 $\pm$ 0.472 χ^2 /NDF: 47.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.778 $\pm$ 0.428 χ^2 /NDF: 240.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

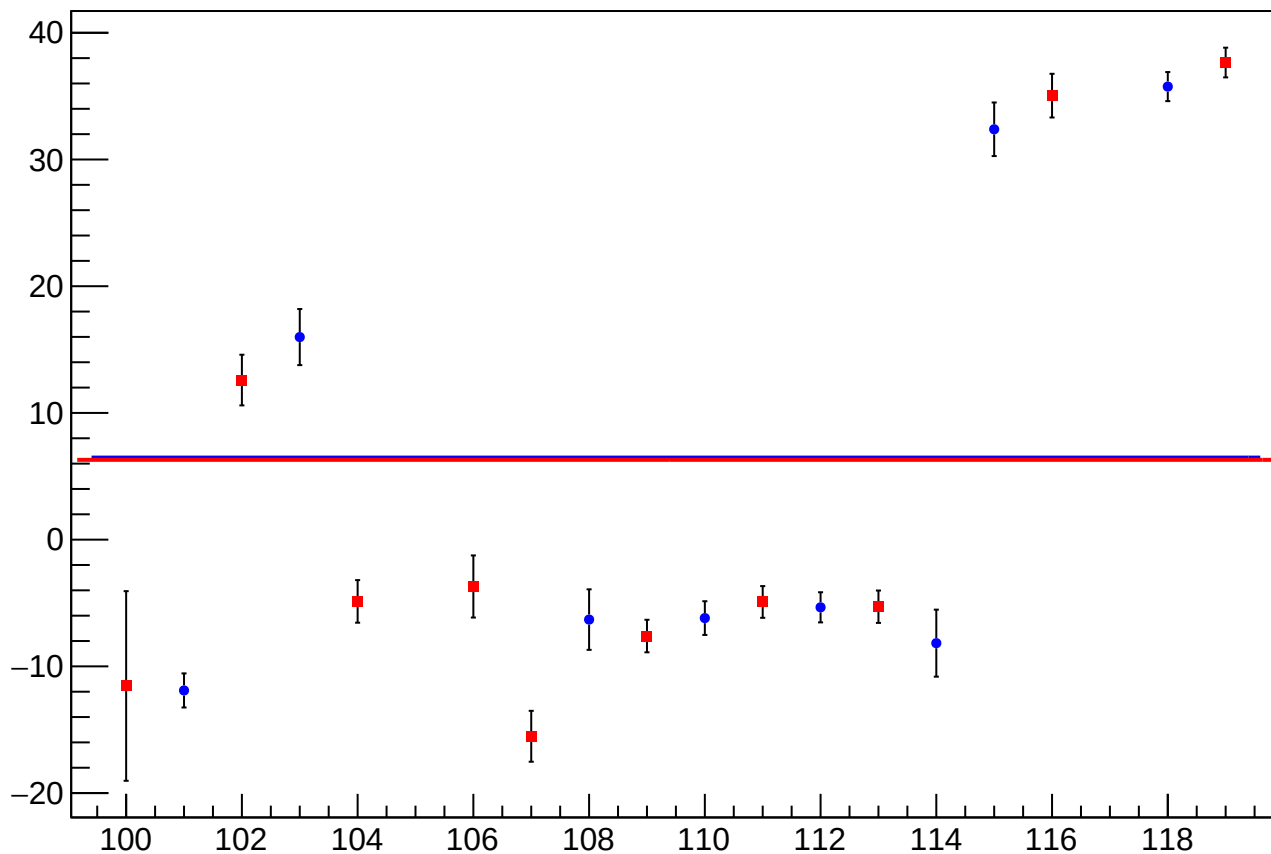
Right: -67.379 $\pm$ 0.317 χ^2 /NDF: 290.3/17

In: -66.894 $\pm$ 0.472 χ^2 /NDF: 47.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.379 $\pm$ 0.317 χ^2 /NDF: 290.3/17

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.475+/-0.548 χ^2/NDF : 1255.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.298+/-0.503 χ^2/NDF : 1467.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

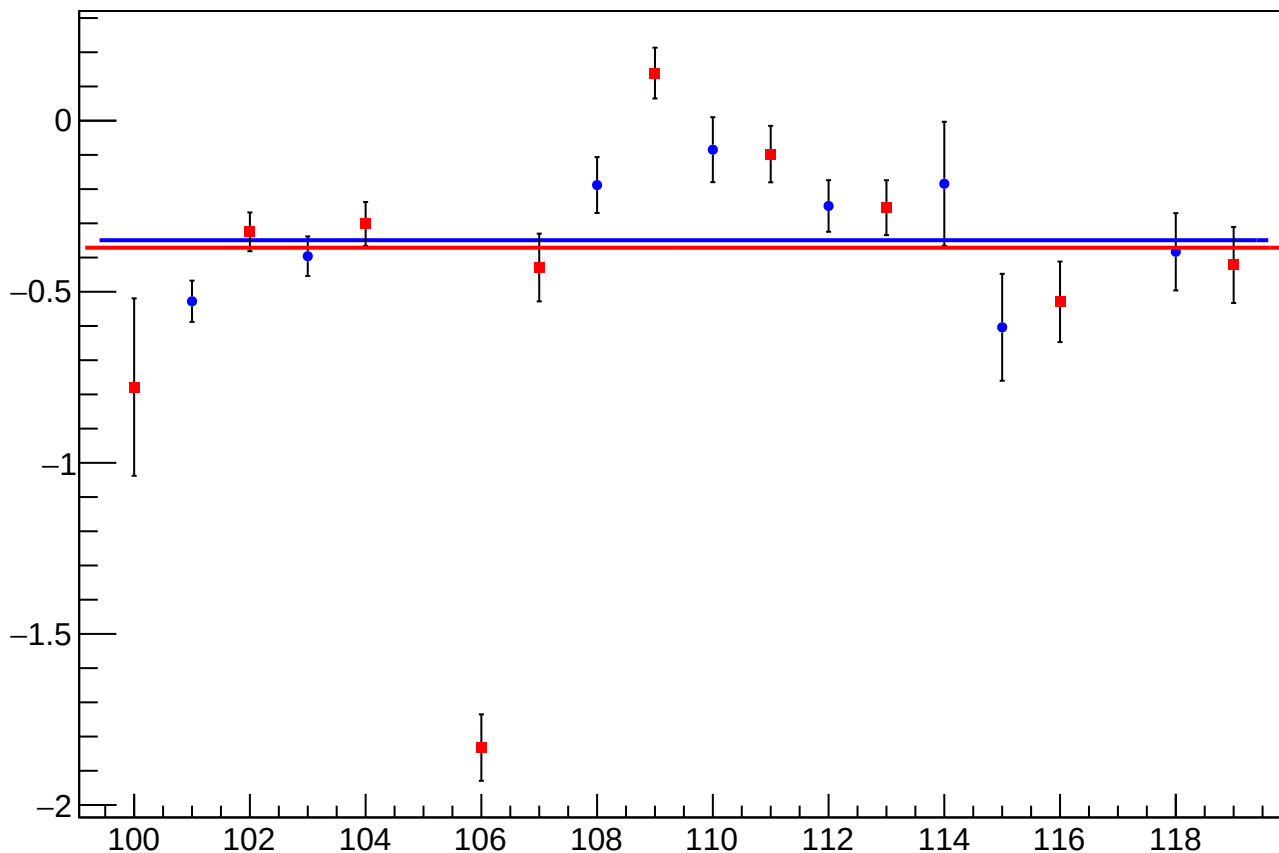
Right: 6.379+/-0.370 χ^2/NDF : 2722.3/17

In: 6.475+/-0.548 χ^2/NDF : 1255.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.379+/-0.370 χ^2/NDF : 2722.3/17

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.349 ± 0.029 χ^2/NDF : 26.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.371 ± 0.027 χ^2/NDF : 293.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

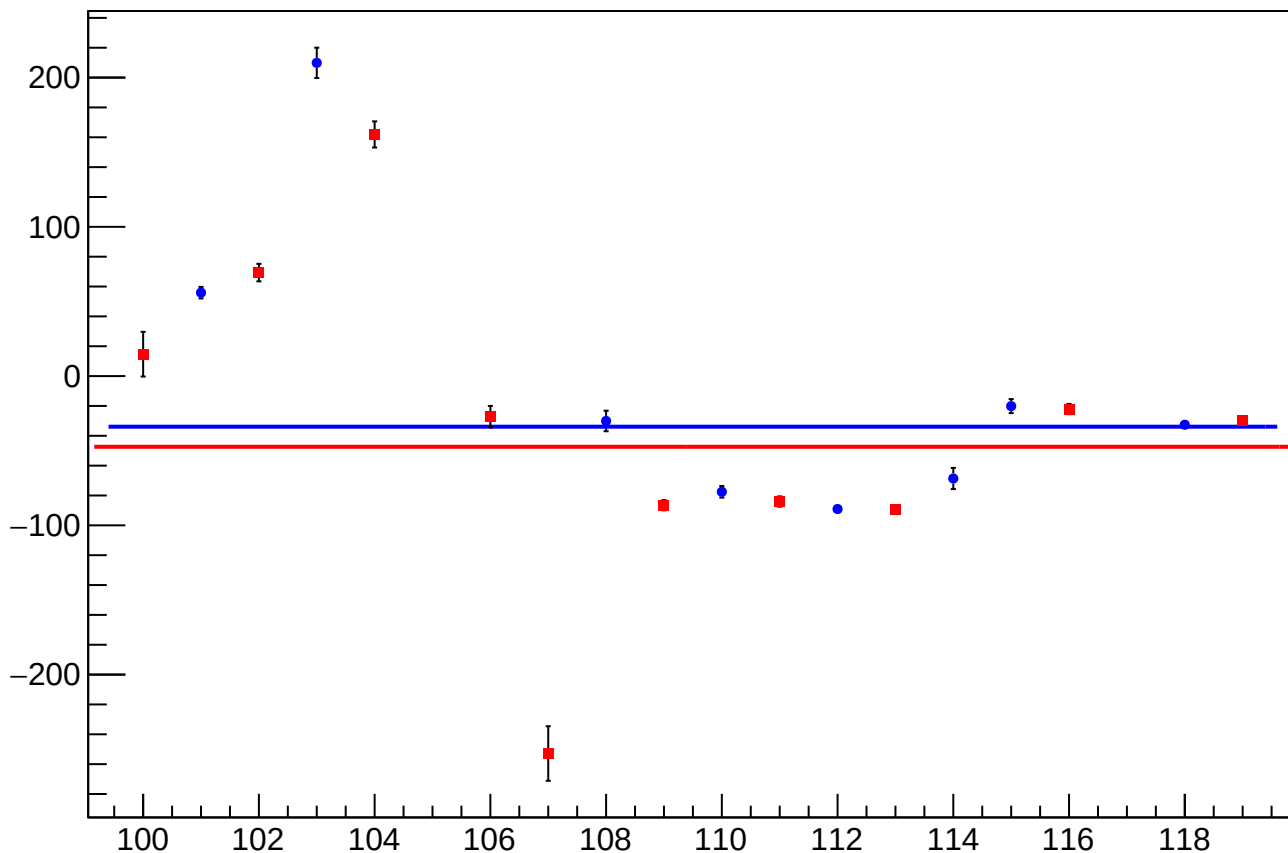
Right: -0.361 ± 0.020 χ^2/NDF : 320.0/17

In: -0.349 ± 0.029 χ^2/NDF : 26.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.361 ± 0.020 χ^2/NDF : 320.0/17

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.904 $\pm$ 1.540 χ^2 /NDF: 1583.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -47.352 $\pm$ 1.379 χ^2 /NDF: 1611.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

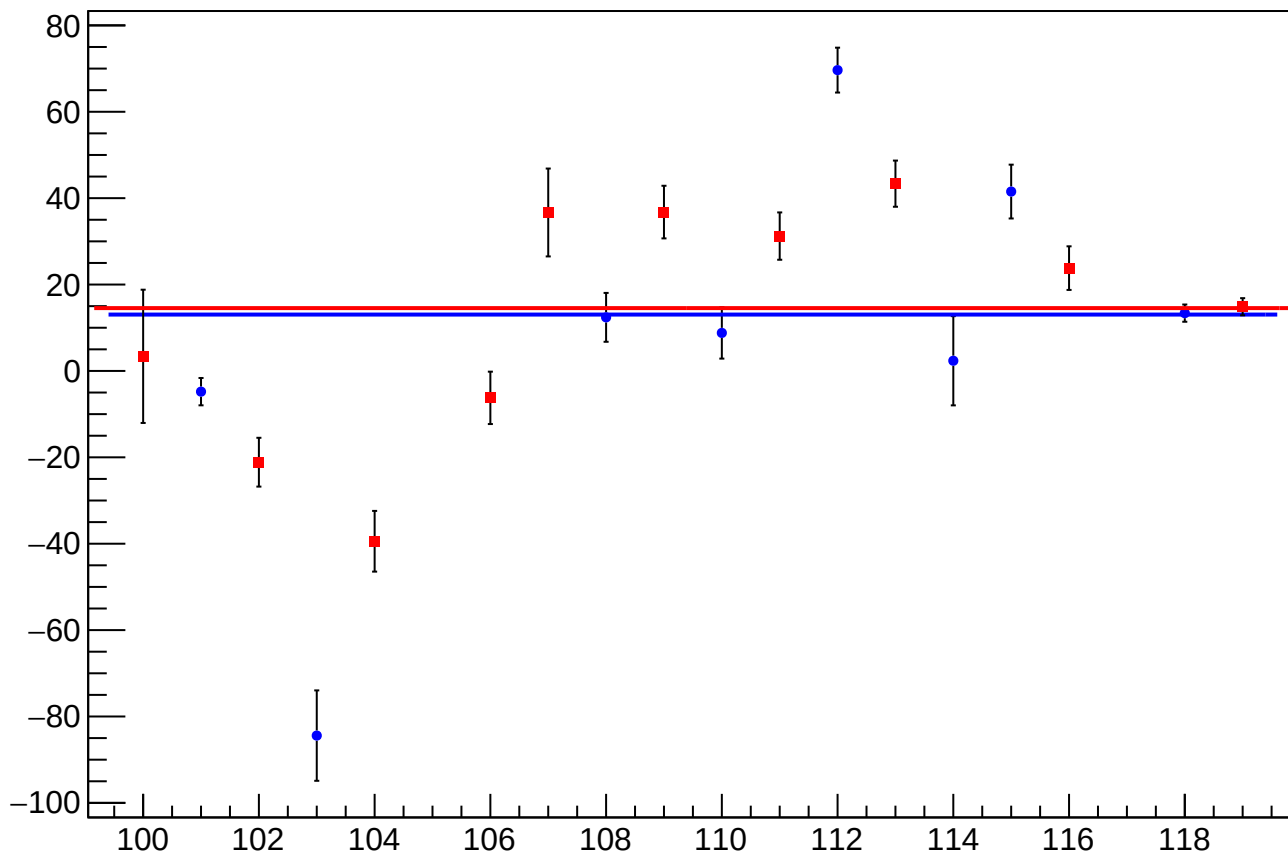
Right: -41.371 $\pm$ 1.027 χ^2 /NDF: 3236.8/17

In: -33.904 $\pm$ 1.540 χ^2 /NDF:1583.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -41.371 $\pm$ 1.027 χ^2 /NDF: 3236.8/17

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 13.051+/-1.426 χ^2/NDF : 259.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.546+/-1.441 χ^2/NDF : 170.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

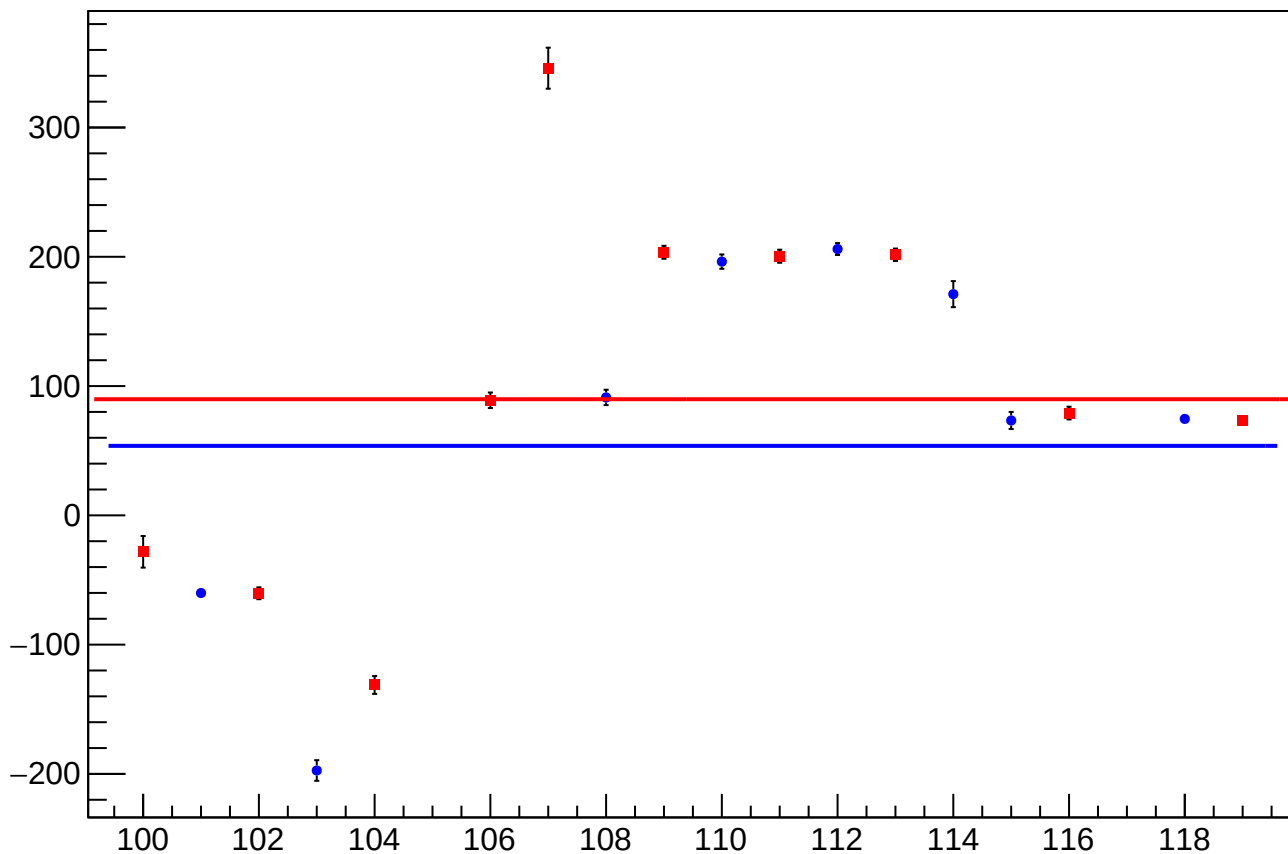
Right: 13.791+/-1.013 χ^2/NDF : 431.2/17

In: 13.051+/-1.426 χ^2/NDF :259.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13.791+/-1.013 χ^2/NDF : 431.2/17

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 53.750+/-1.673 χ^2 /NDF: 4388.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 89.839+/-1.628 χ^2 /NDF: 4020.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

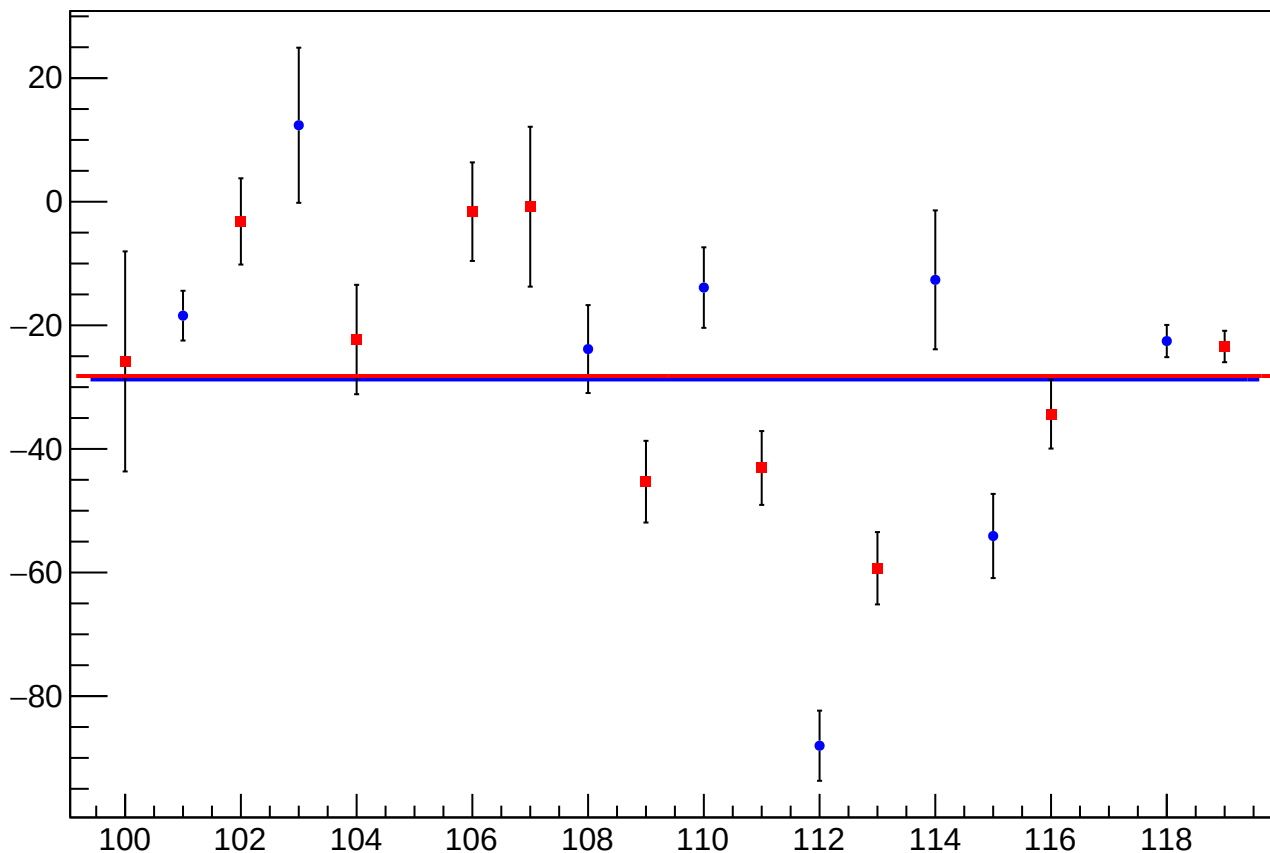
Right: 72.285+/-1.167 χ^2 /NDF: 8648.5/17

In: 53.750+/-1.673 χ^2 /NDF:4388.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 72.285+/-1.167 χ^2 /NDF: 8648.5/17

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.759+/-1.771 χ^2/NDF : 153.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.203+/-1.754 χ^2/NDF : 74.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

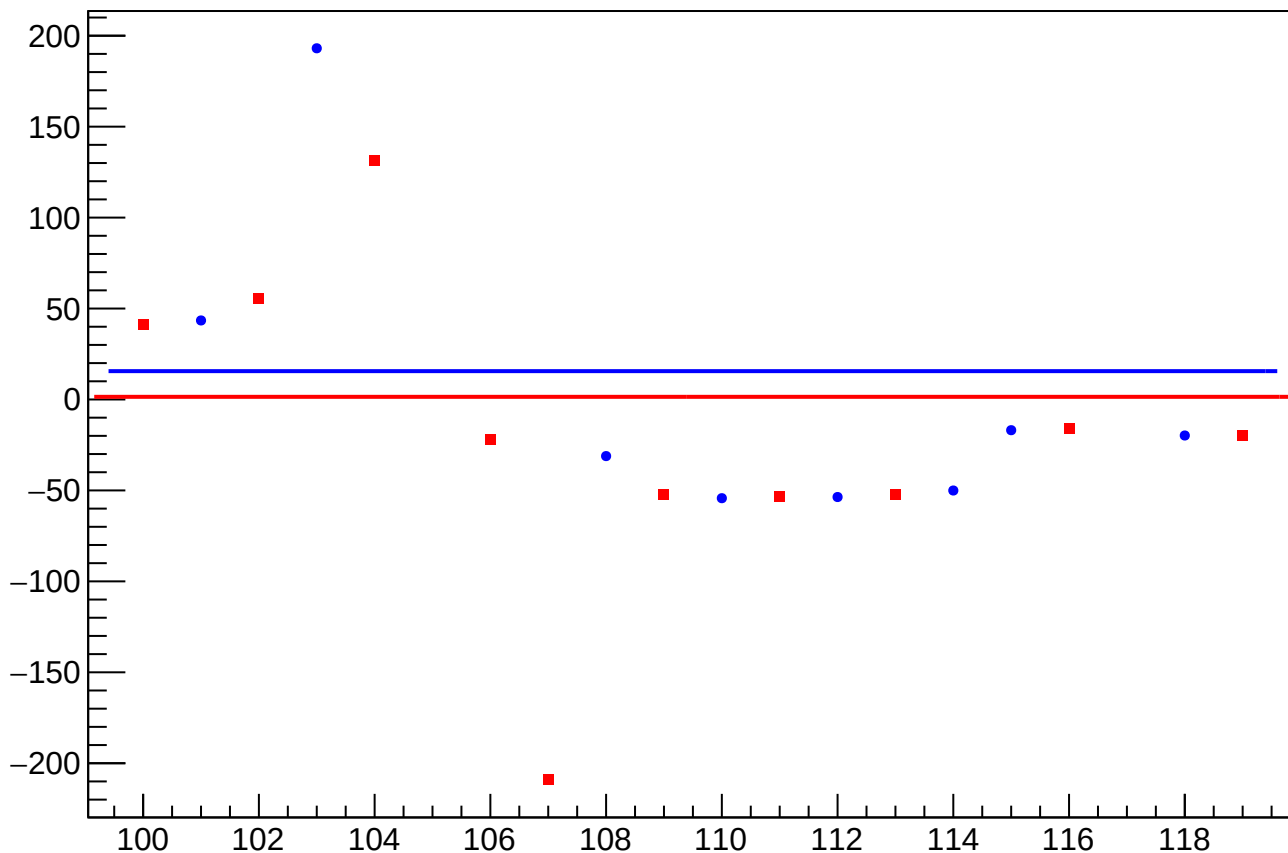
Right: -28.478+/-1.246 χ^2/NDF : 228.5/17

In: -28.759+/-1.771 χ^2/NDF : 153.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.478+/-1.246 χ^2/NDF : 228.5/17

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.582+/-0.105 χ^2/NDF : 430543.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.460+/-0.102 χ^2/NDF : 410600.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

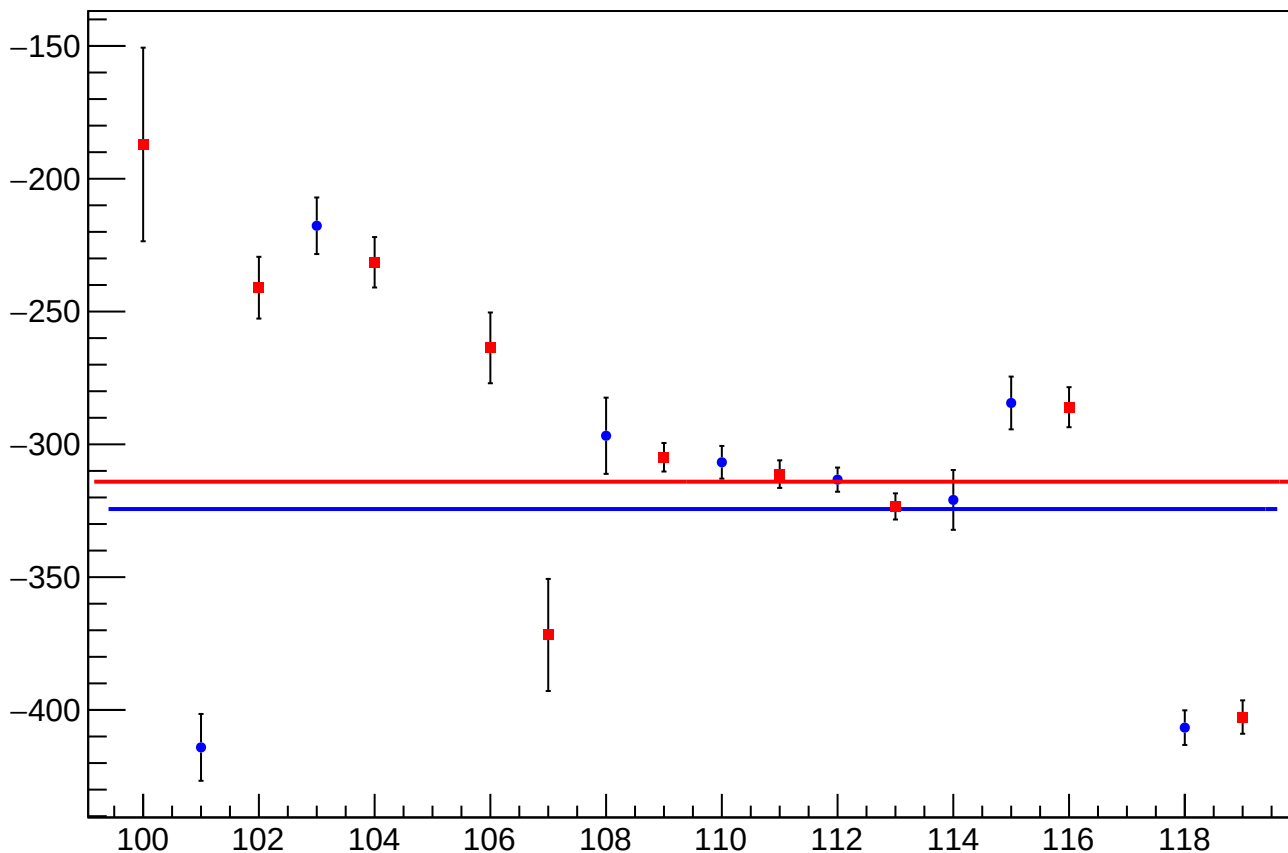
Right: 8.263+/-0.073 χ^2/NDF : 850442.6/17

In: 15.582+/-0.105 χ^2/NDF : 430543.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.263+/-0.073 χ^2/NDF : 850442.6/17

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -324.356+/-2.710 χ^2/NDF : 344.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -314.060+/-2.338 χ^2/NDF : 368.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

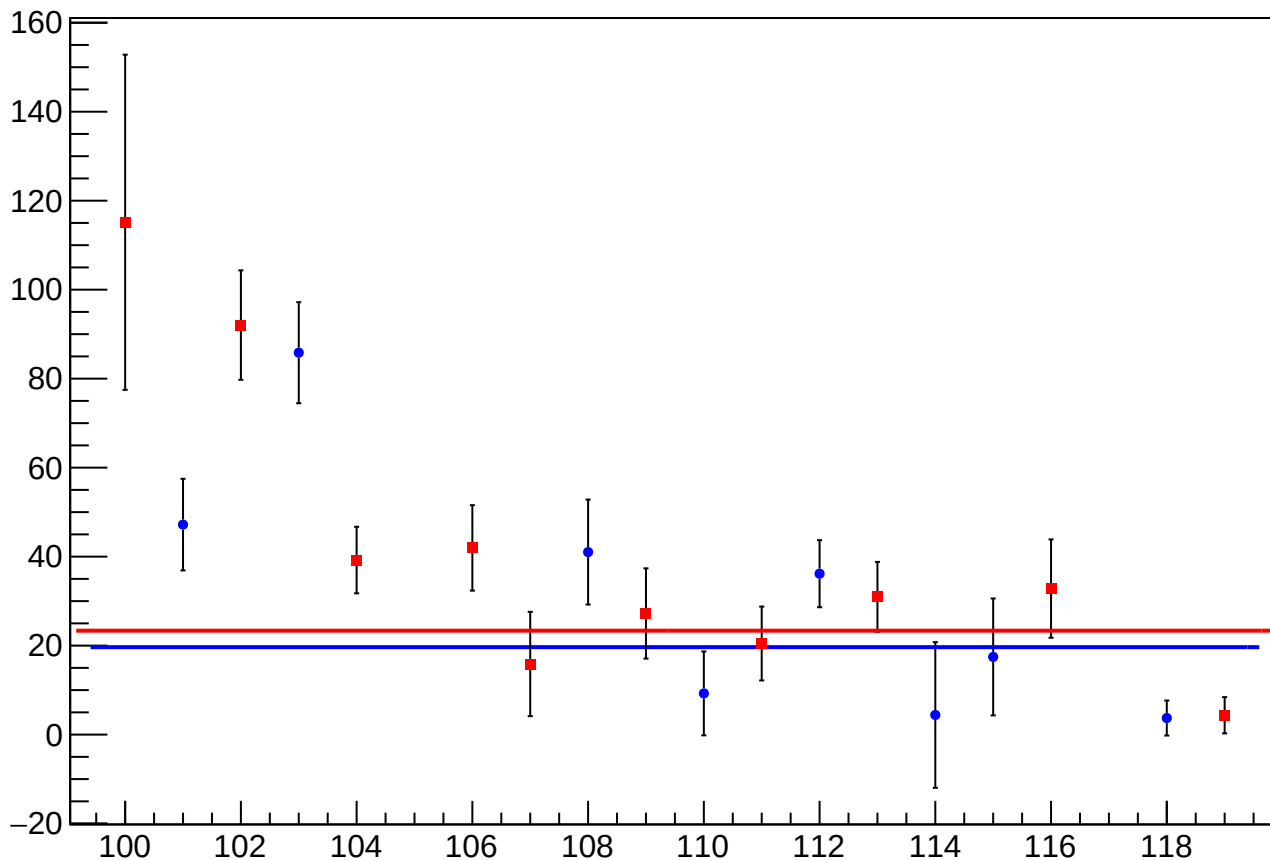
Right: -318.454+/-1.770 χ^2/NDF : 721.2/17

In: -324.356+/-2.710 χ^2/NDF : 344.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -318.454+/-1.770 χ^2/NDF : 721.2/17

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.654+/-2.801 χ^2/NDF : 67.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.358+/-2.563 χ^2/NDF : 69.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

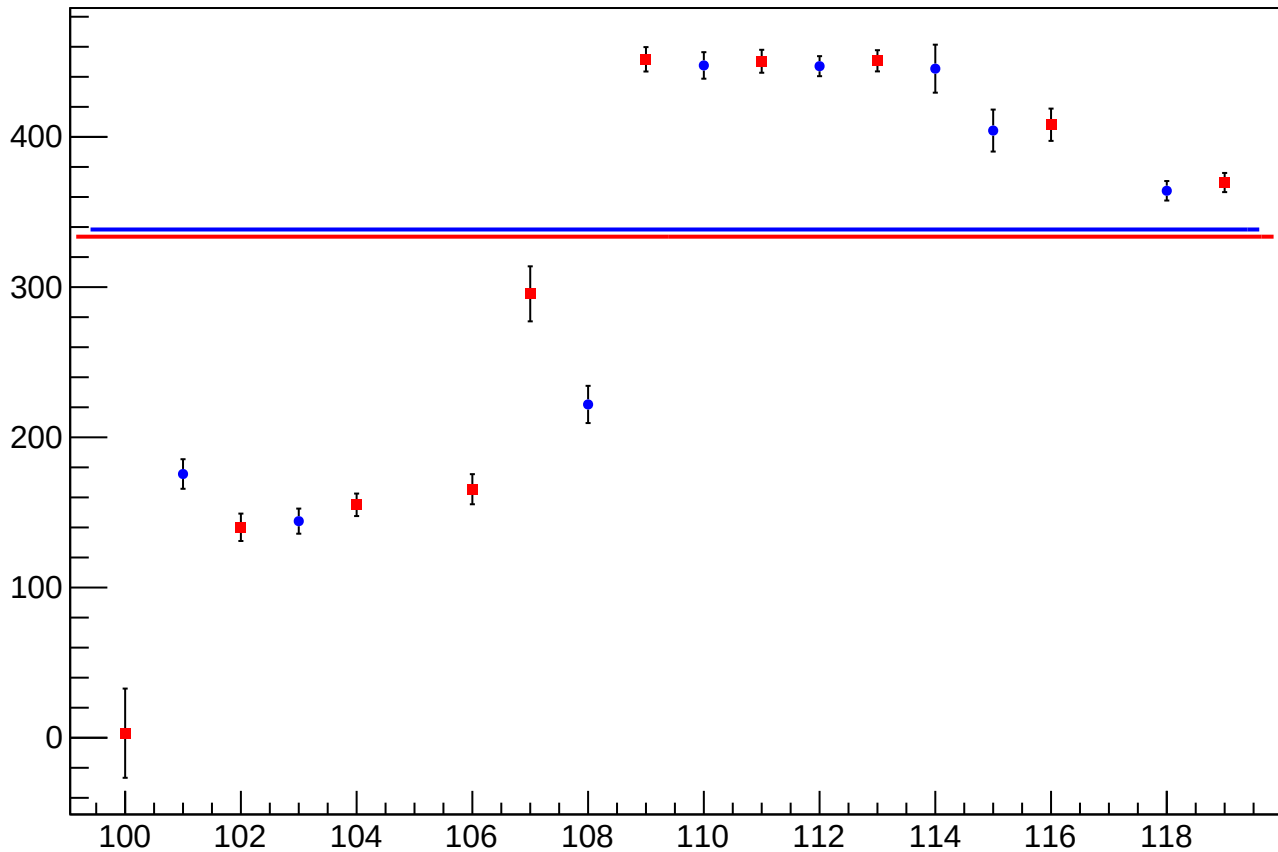
Right: 21.670+/-1.891 χ^2/NDF : 138.2/17

In: 19.654+/-2.801 χ^2/NDF : 67.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.670+/-1.891 χ^2/NDF : 138.2/17

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 338.365+/-3.174 χ^2/NDF : 1403.0/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 333.586+/-2.778 χ^2/NDF : 2228.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

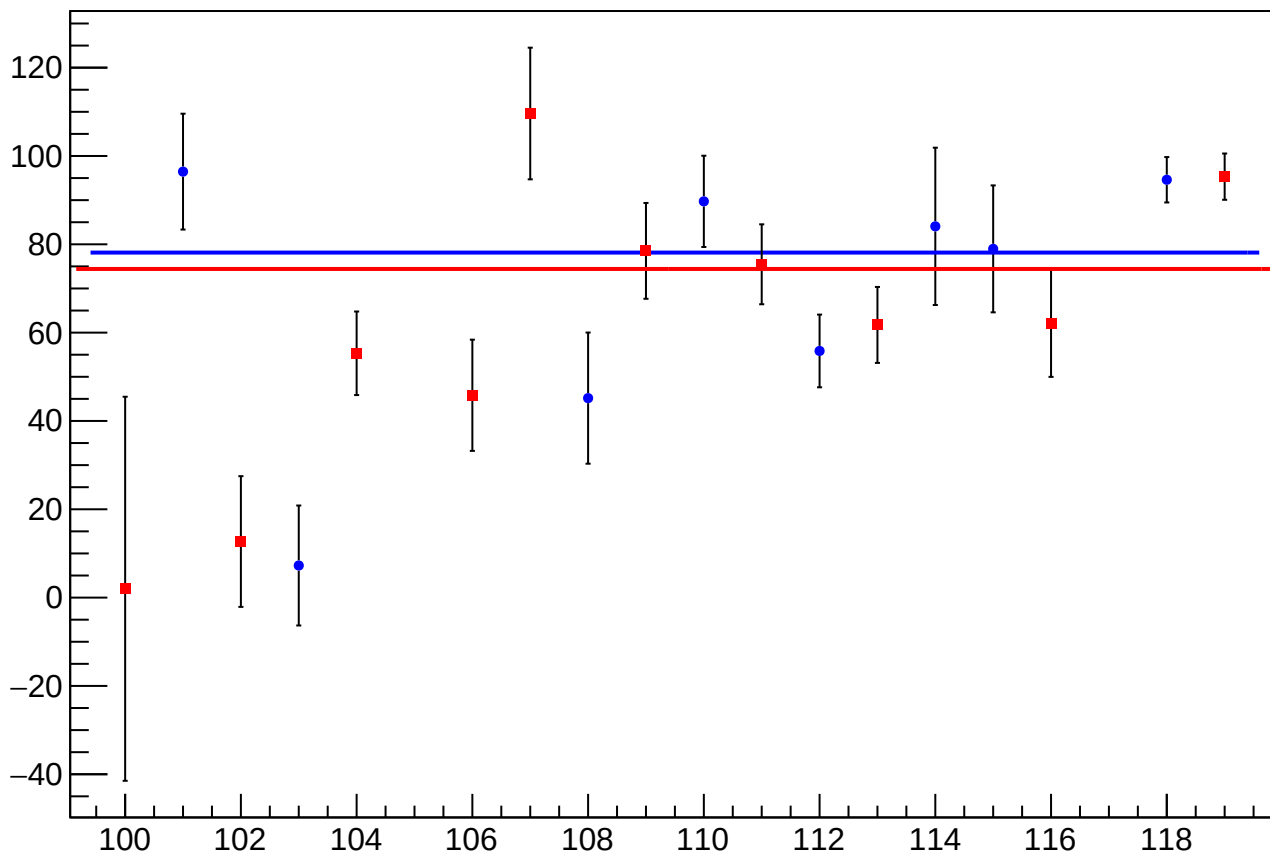
Right: 335.659+/-2.091 χ^2/NDF : 3633.1/17

In: 338.365+/-3.174 χ^2/NDF :1403.0/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 335.659+/-2.091 χ^2/NDF : 3633.1/17

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 78.127+/-3.415 χ^2/NDF : 53.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.418+/-3.094 χ^2/NDF : 54.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

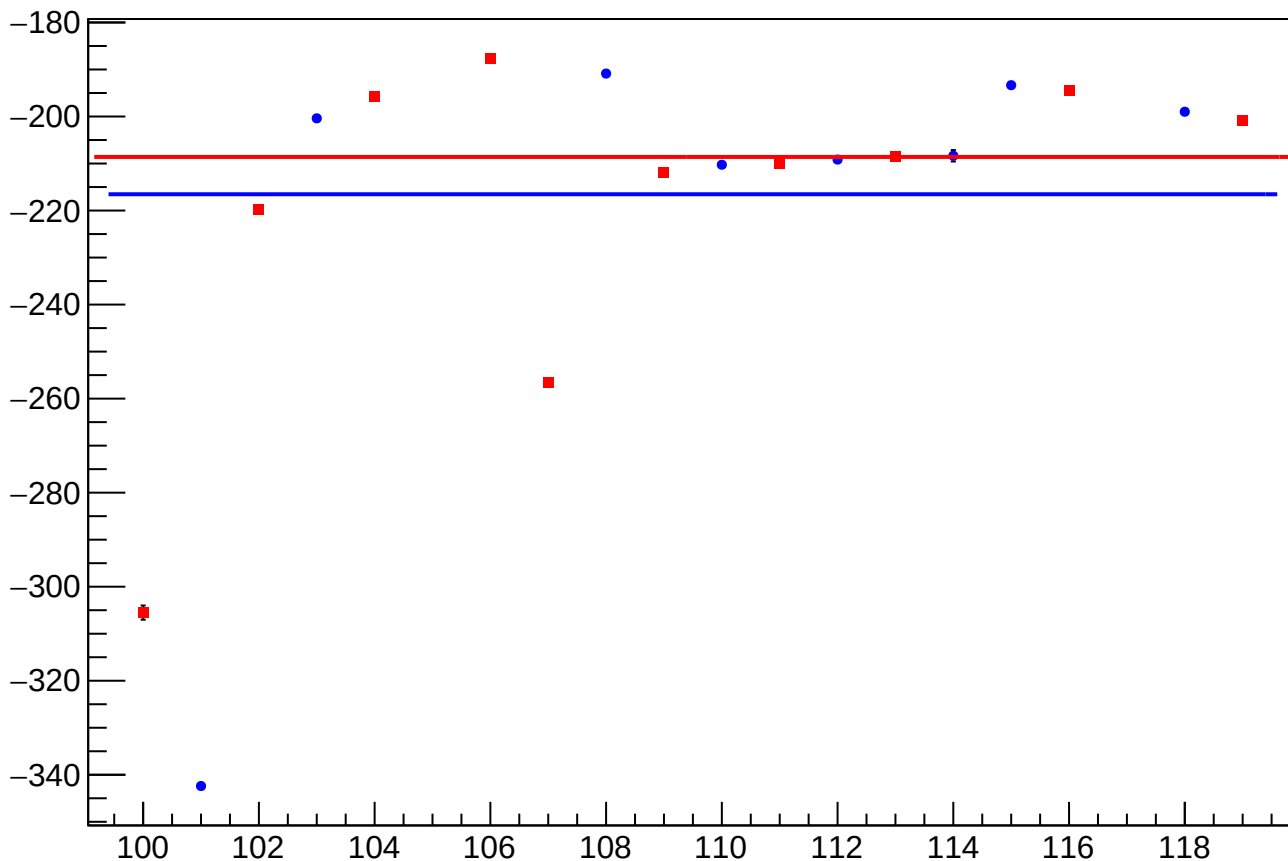
Right: 76.090+/-2.293 χ^2/NDF : 108.0/17

In: 78.127+/-3.415 χ^2/NDF : 53.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.090+/-2.293 χ^2/NDF : 108.0/17

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -216.537+/-0.197 χ^2/NDF : 52422.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -208.598+/-0.172 χ^2/NDF : 12327.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

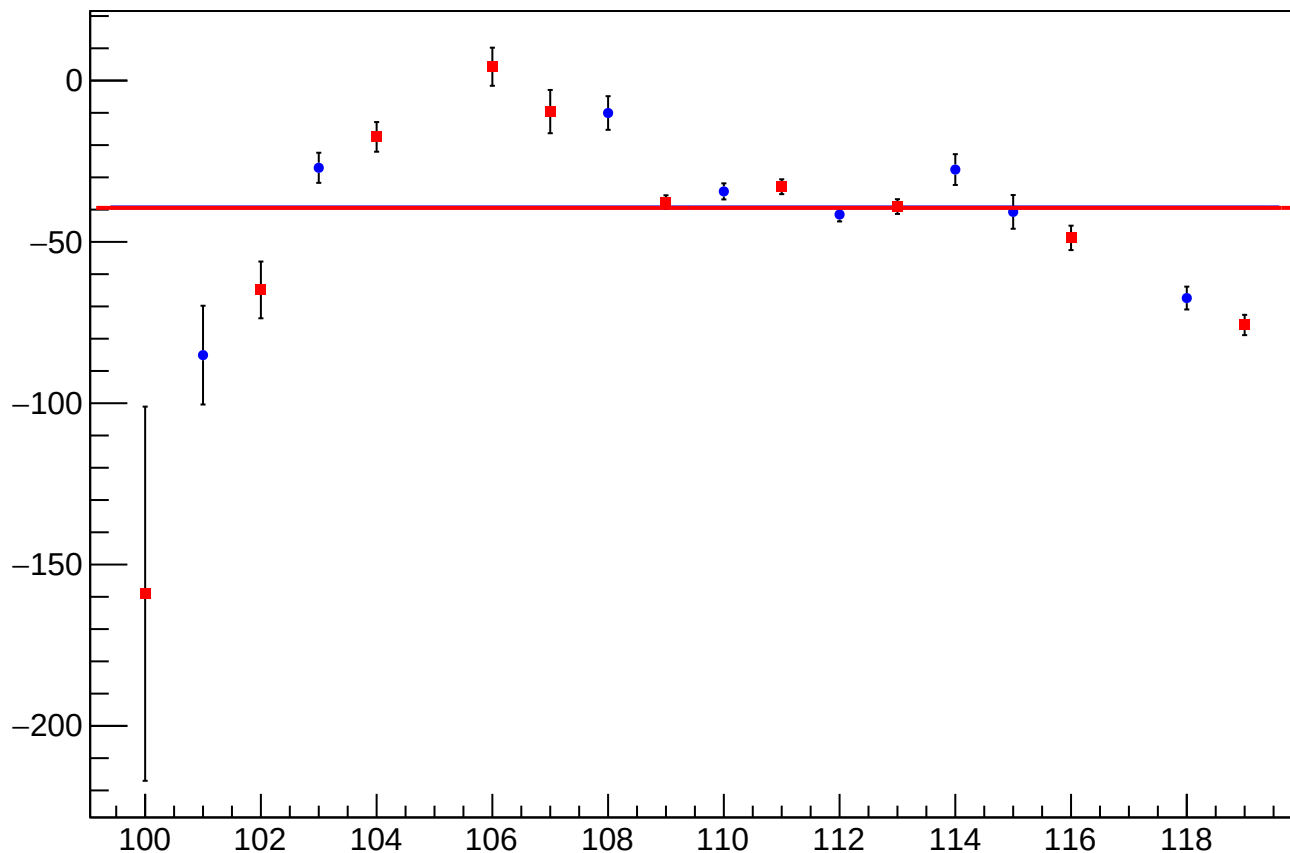
Right: -212.031+/-0.129 χ^2/NDF : 65675.3/17

In: -216.537+/-0.197 χ^2/NDF : 52422.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.031+/-0.129 χ^2/NDF : 65675.3/17

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.326 ± 1.264 $\chi^2/\text{NDF}: 121.5/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.452 ± 1.059 $\chi^2/\text{NDF}: 258.3/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

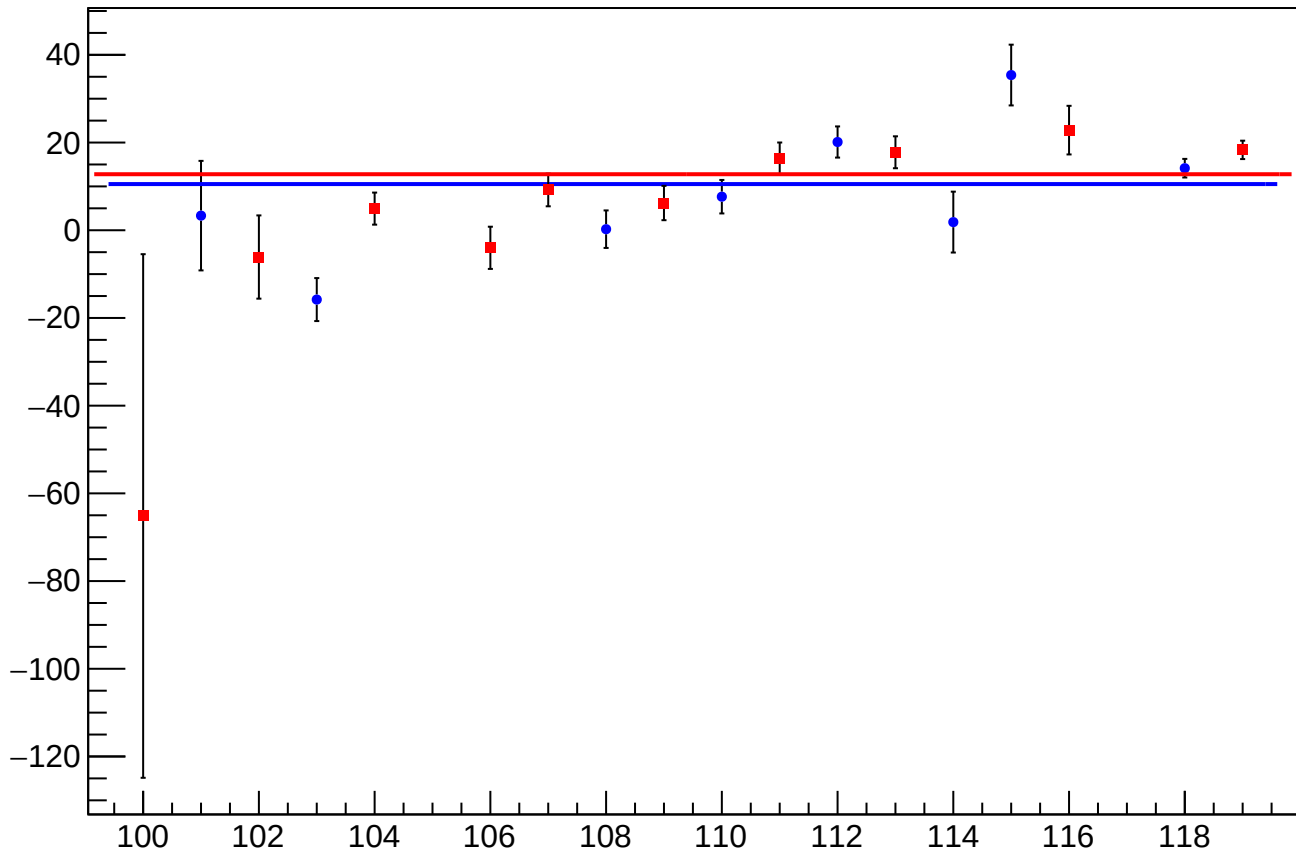
Right: -39.400 ± 0.812 $\chi^2/\text{NDF}: 379.8/17$

In: -39.326 ± 1.264 $\chi^2/\text{NDF}: 121.5/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.400 ± 0.812 $\chi^2/\text{NDF}: 379.8/17$

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.530+/-1.395 χ^2/NDF : 60.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.777+/-1.216 χ^2/NDF : 39.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

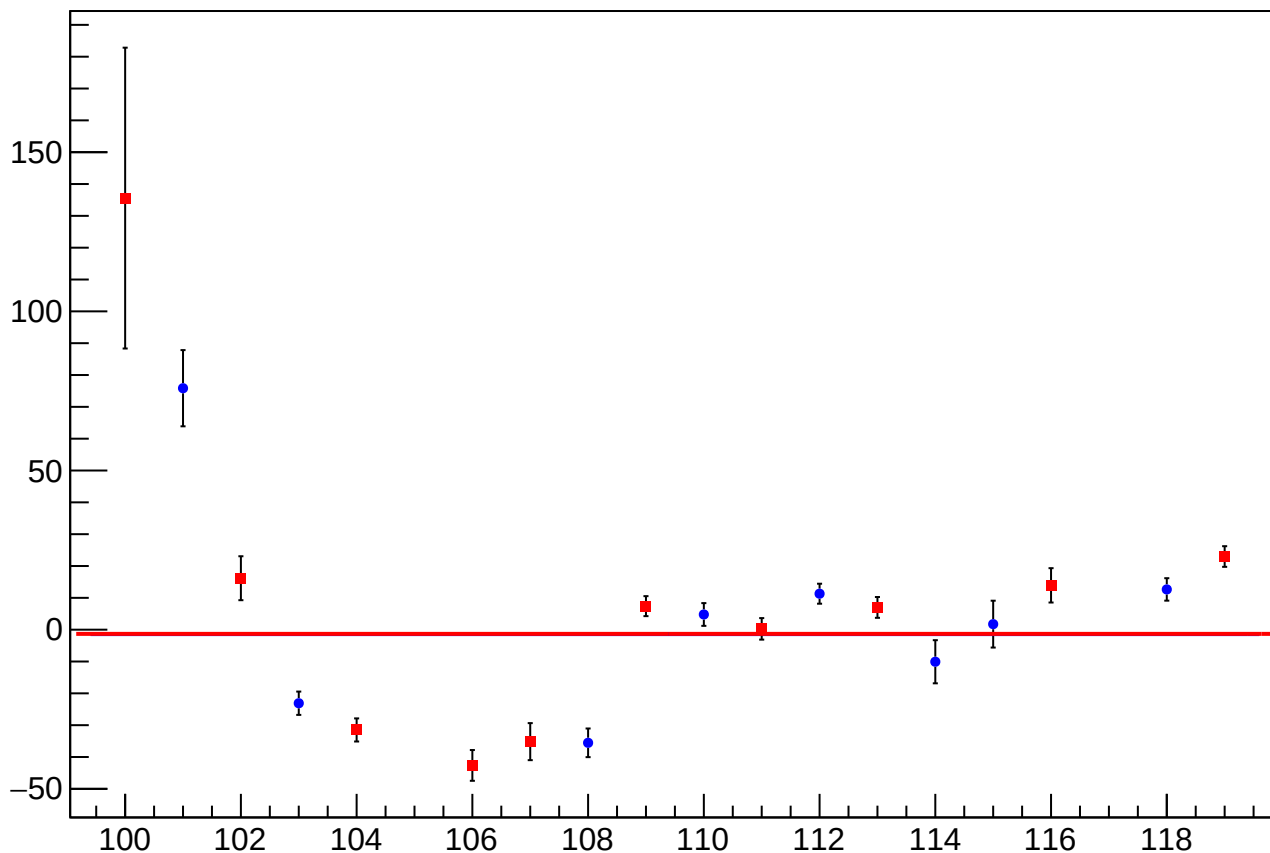
Right: 11.807+/-0.917 χ^2/NDF : 101.0/17

In: 10.530+/-1.395 χ^2/NDF : 60.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.807+/-0.917 χ^2/NDF : 101.0/17

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -1.386+/-1.522 χ^2/NDF : 171.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.318+/-1.311 χ^2/NDF : 269.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

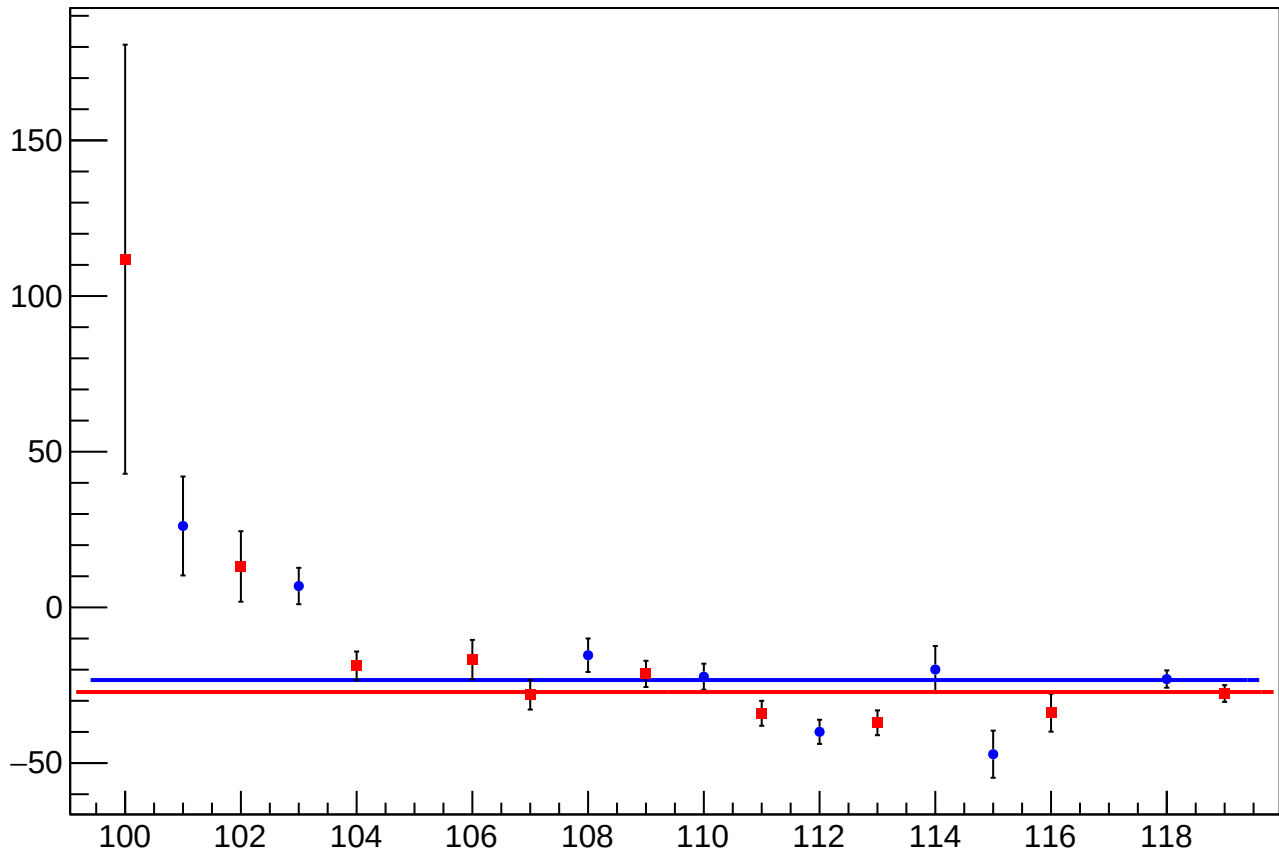
Right: -1.347+/-0.993 χ^2/NDF : 440.9/17

In: -1.386+/-1.522 χ^2/NDF : 171.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.347+/-0.993 χ^2/NDF : 440.9/17

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -23.329+/-1.675 χ^2/NDF : 67.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.180+/-1.456 χ^2/NDF : 35.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

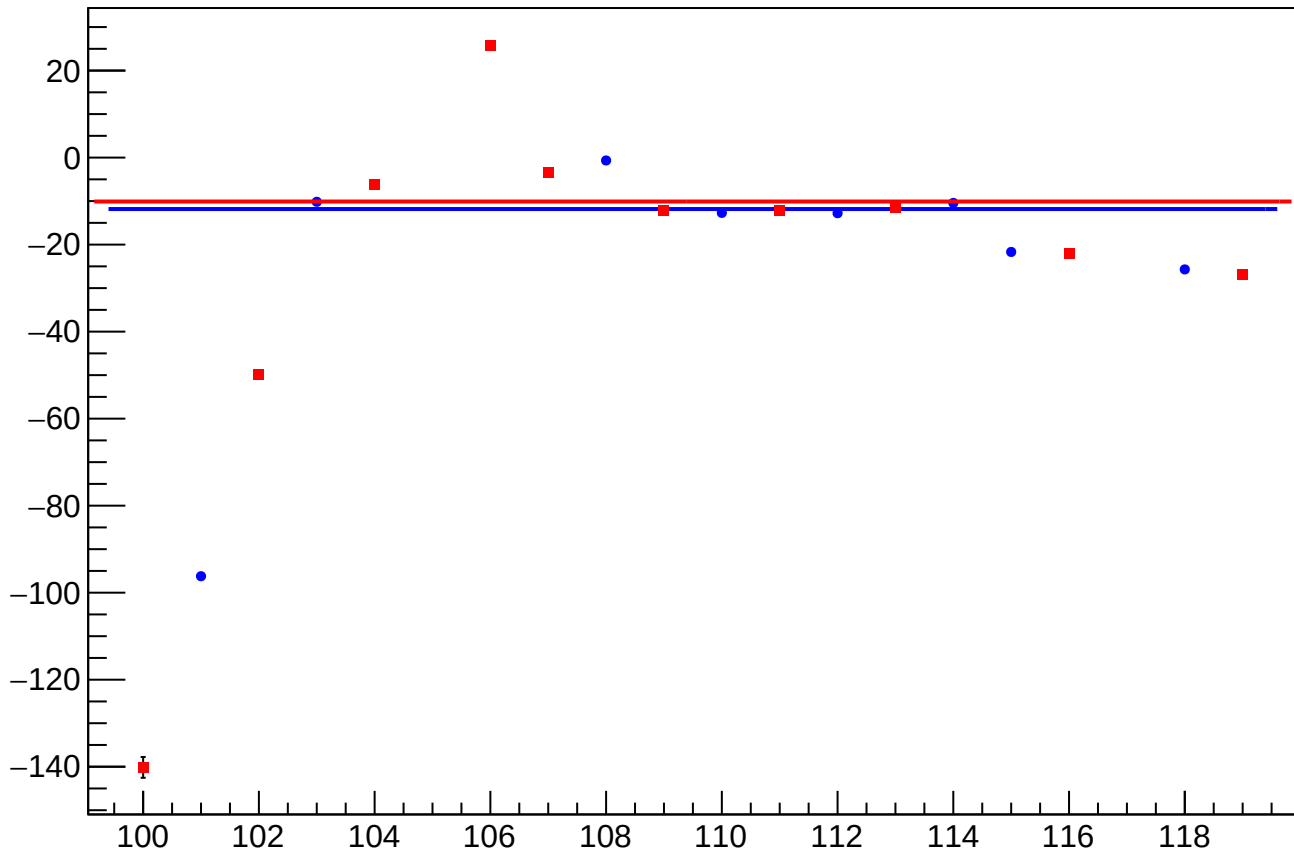
Right: -25.523+/-1.099 χ^2/NDF : 105.3/17

In: -23.329+/-1.675 χ^2/NDF : 67.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.523+/-1.099 χ^2/NDF : 105.3/17

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.824+/-0.090 χ^2/NDF : 20913.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.097+/-0.081 χ^2/NDF : 51479.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

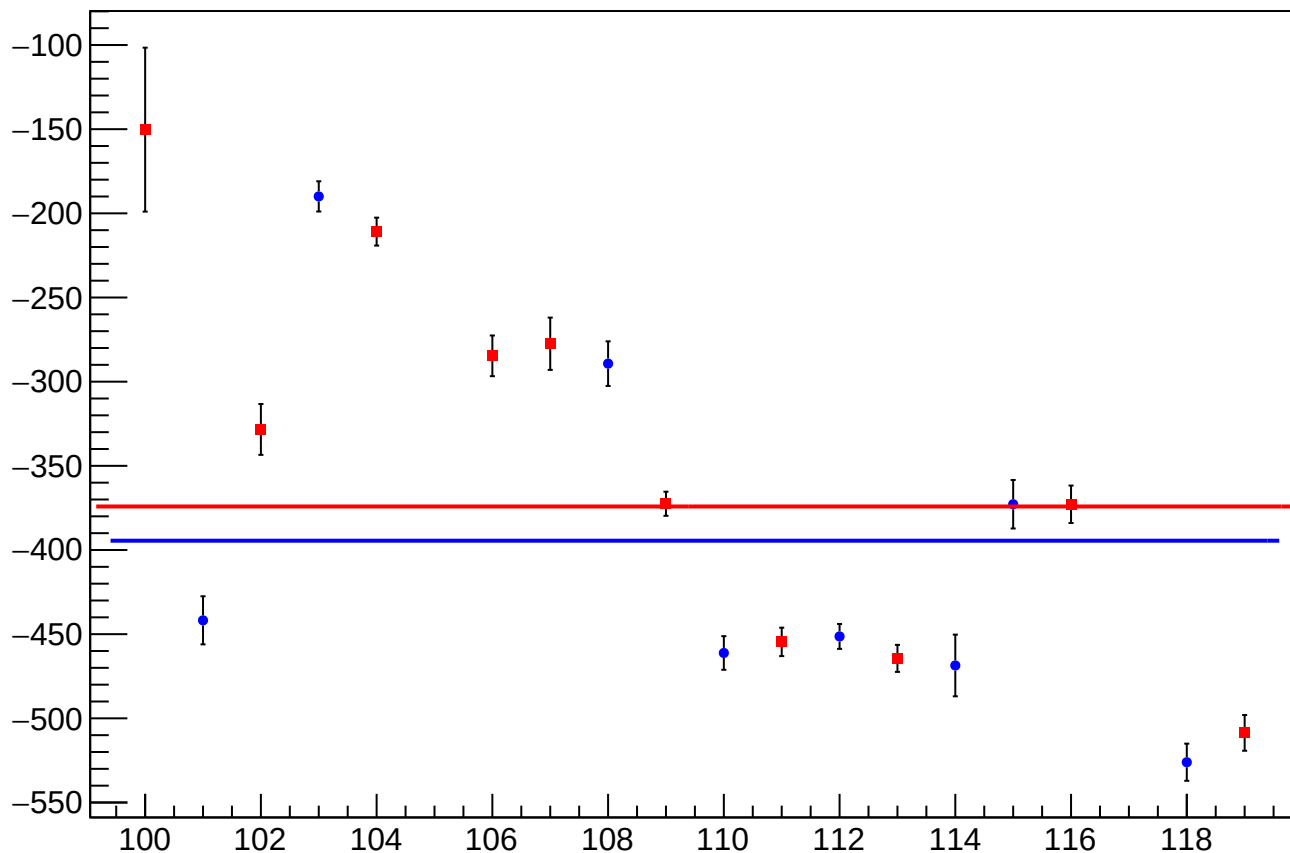
Right: -10.866+/-0.060 χ^2/NDF : 72596.4/17

In: -11.824+/-0.090 χ^2/NDF : 20913.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.866+/-0.060 χ^2/NDF : 72596.4/17

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -394.473 ± 3.855 χ^2/NDF : 857.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -374.142 ± 3.222 χ^2/NDF : 889.0/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

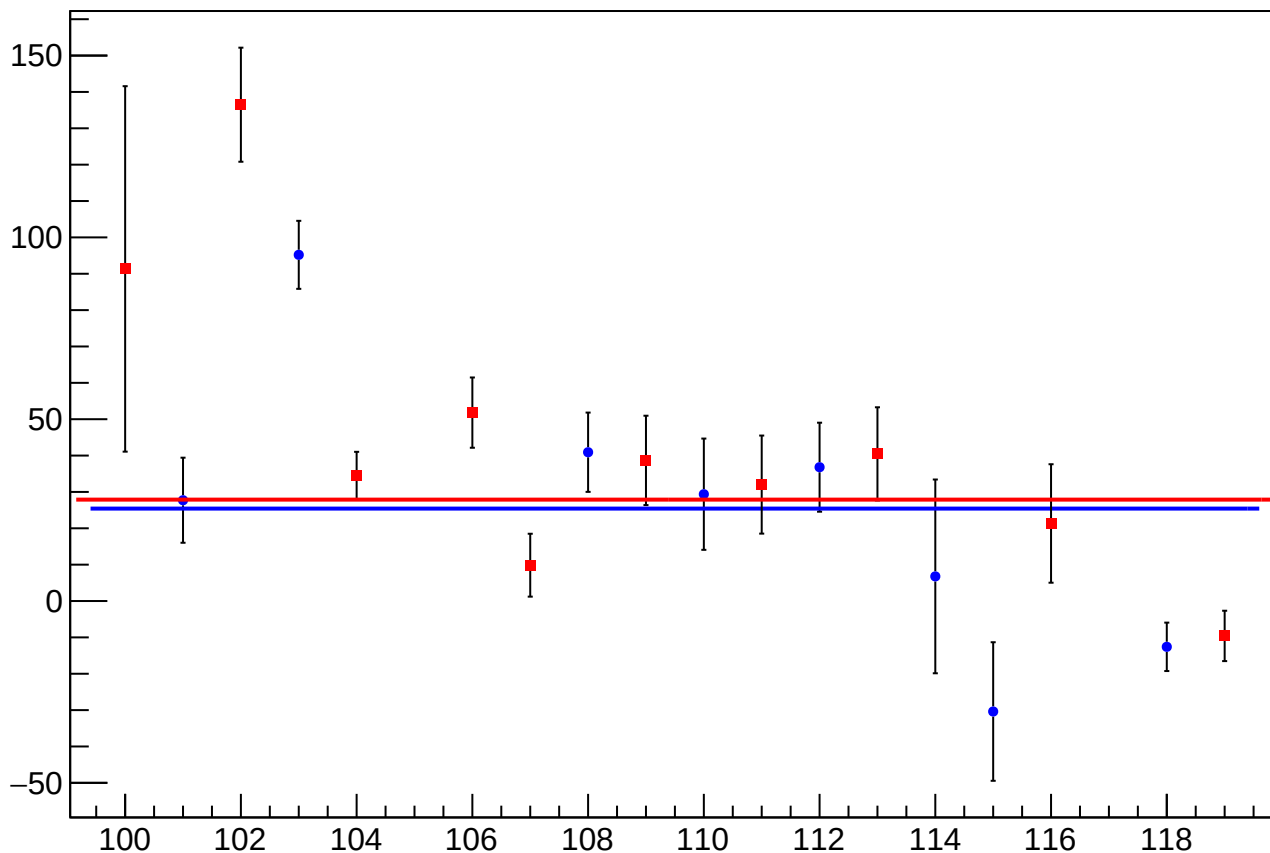
Right: -382.503 ± 2.472 χ^2/NDF : 1762.8/17

In: -394.473 ± 3.855 χ^2/NDF : 857.4/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -382.503 ± 2.472 χ^2/NDF : 1762.8/17

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.418+/-3.927 χ^2/NDF : 100.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.886+/-3.250 χ^2/NDF : 92.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

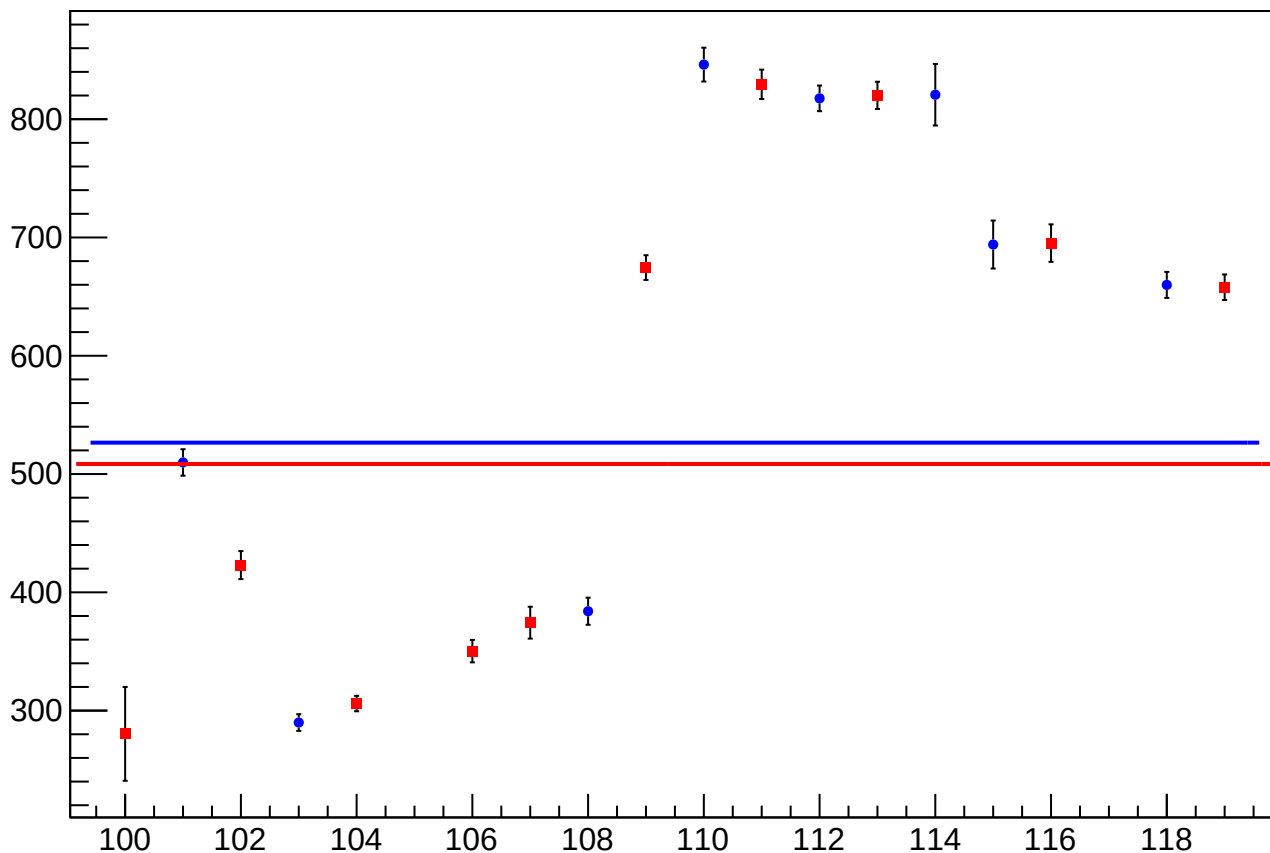
Right: 26.883+/-2.504 χ^2/NDF : 192.9/17

In: 25.418+/-3.927 χ^2/NDF : 100.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.883+/-2.504 χ^2/NDF : 192.9/17

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 526.539+/-4.037 χ^2/NDF : 2849.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.505+/-3.461 χ^2/NDF : 3406.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

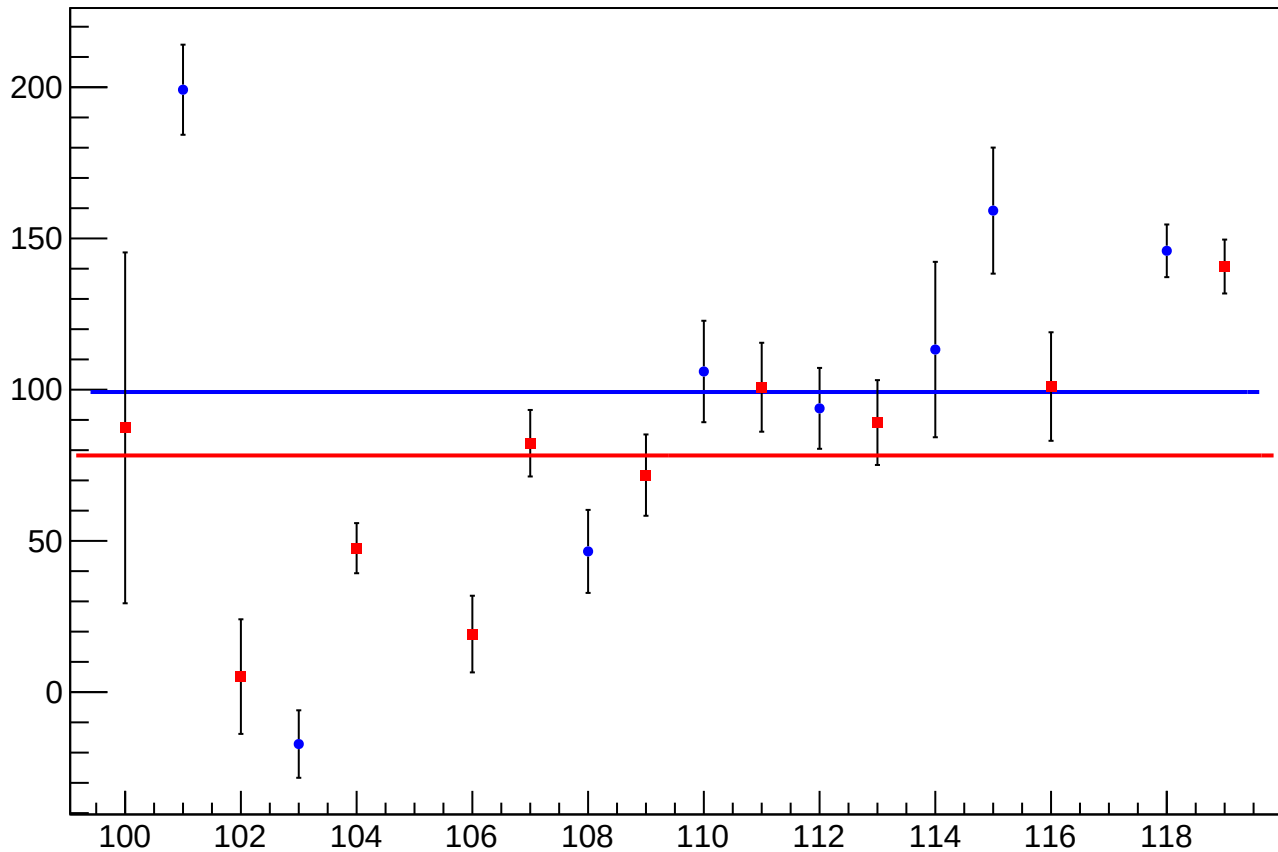
Right: 516.144+/-2.627 χ^2/NDF : 6267.2/17

In: 526.539+/-4.037 χ^2/NDF : 2849.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 516.144+/-2.627 χ^2/NDF : 6267.2/17

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 99.227+/-4.785 χ^2/NDF : 206.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.248+/-3.981 χ^2/NDF : 104.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

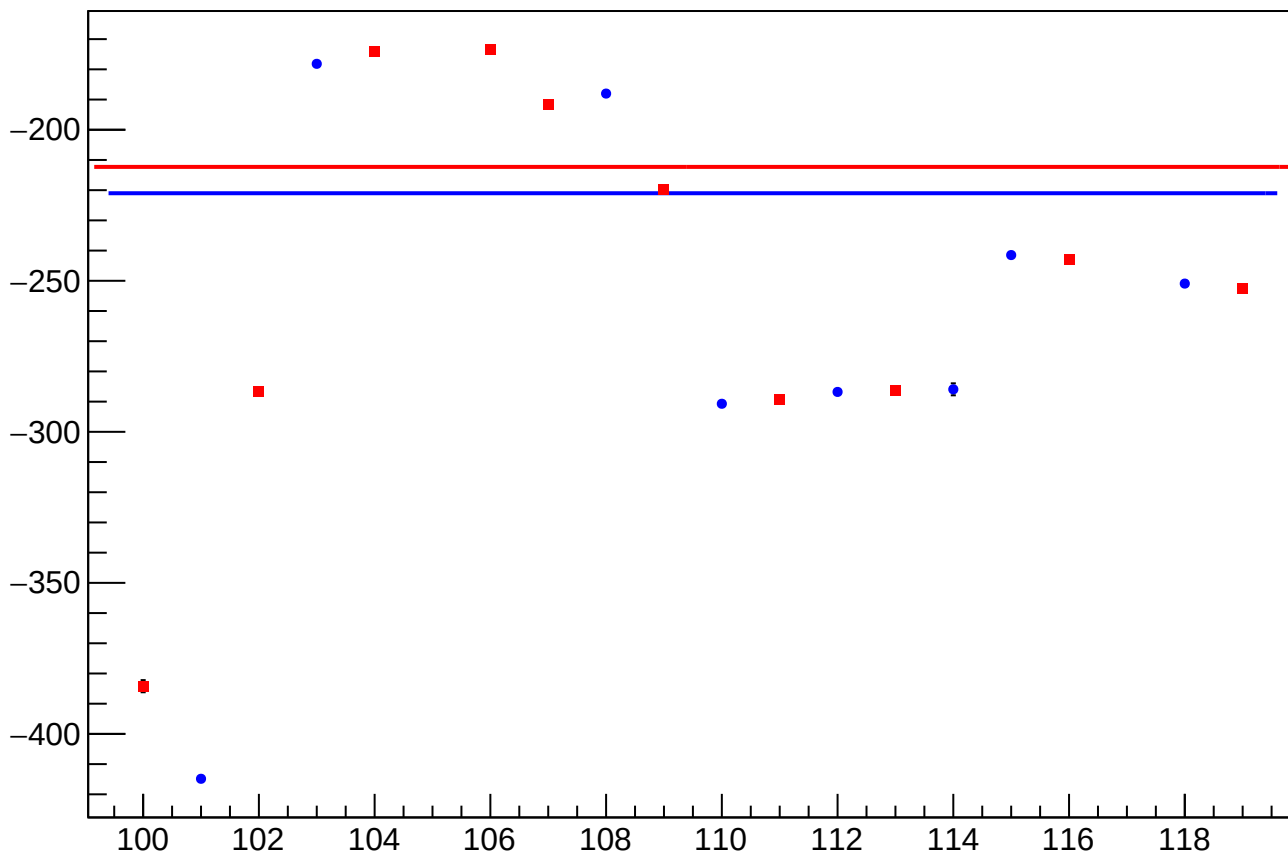
Right: 86.830+/-3.060 χ^2/NDF : 321.9/17

In: 99.227+/-4.785 χ^2/NDF : 206.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.830+/-3.060 χ^2/NDF : 321.9/17

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -221.016+/-0.211 χ^2/NDF : 122320.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.294+/-0.191 χ^2/NDF : 66315.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

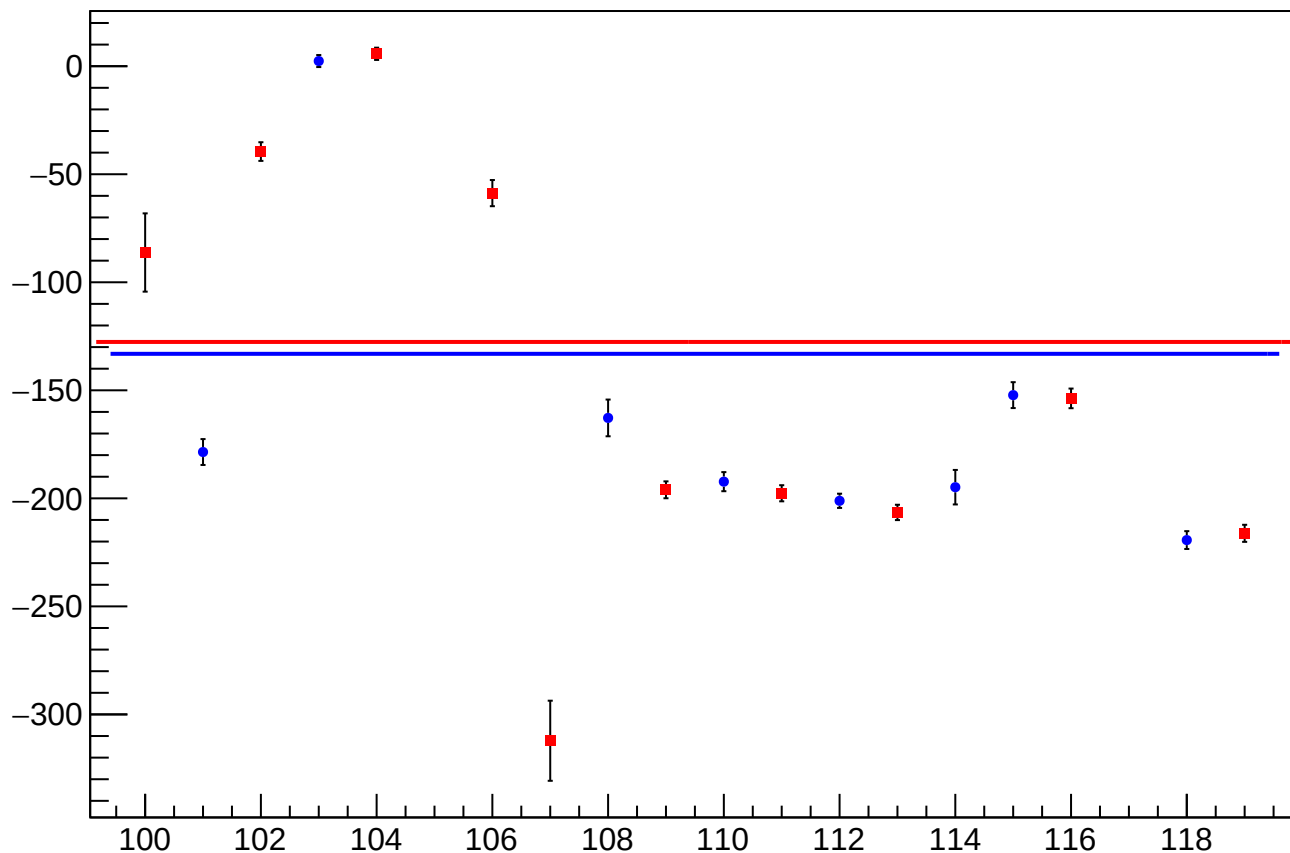
Right: -216.210+/-0.142 χ^2/NDF : 189574.8/17

In: -221.016+/-0.211 χ^2/NDF : 122320.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.210+/-0.142 χ^2/NDF : 189574.8/17

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -133.115+/-1.549 χ^2/NDF : 3558.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.616+/-1.361 χ^2/NDF : 4544.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

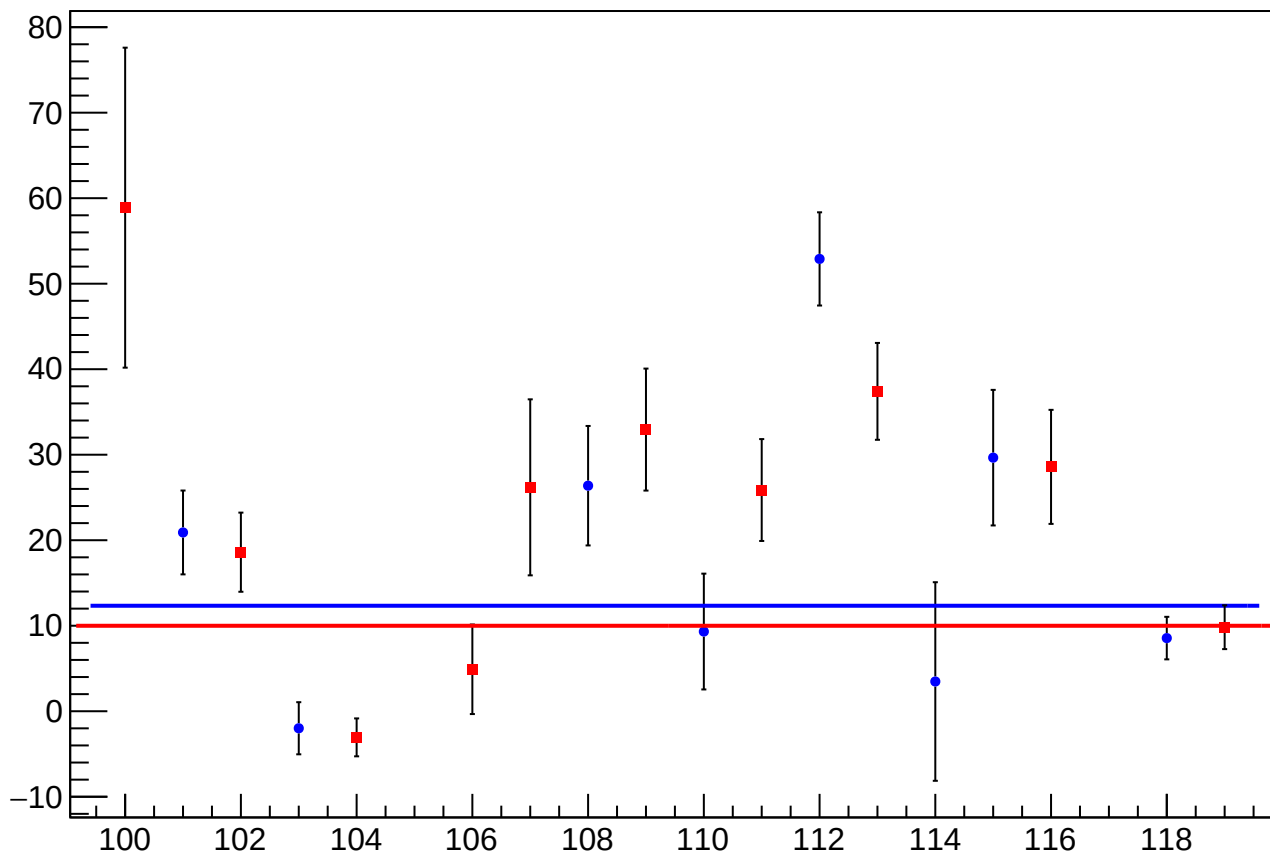
Right: -130.011+/-1.022 χ^2/NDF : 8110.3/17

In: -133.115+/-1.549 χ^2/NDF : 3558.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.011+/-1.022 χ^2/NDF : 8110.3/17

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.337+/-1.561 χ^2/NDF : 92.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.995+/-1.345 χ^2/NDF : 97.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

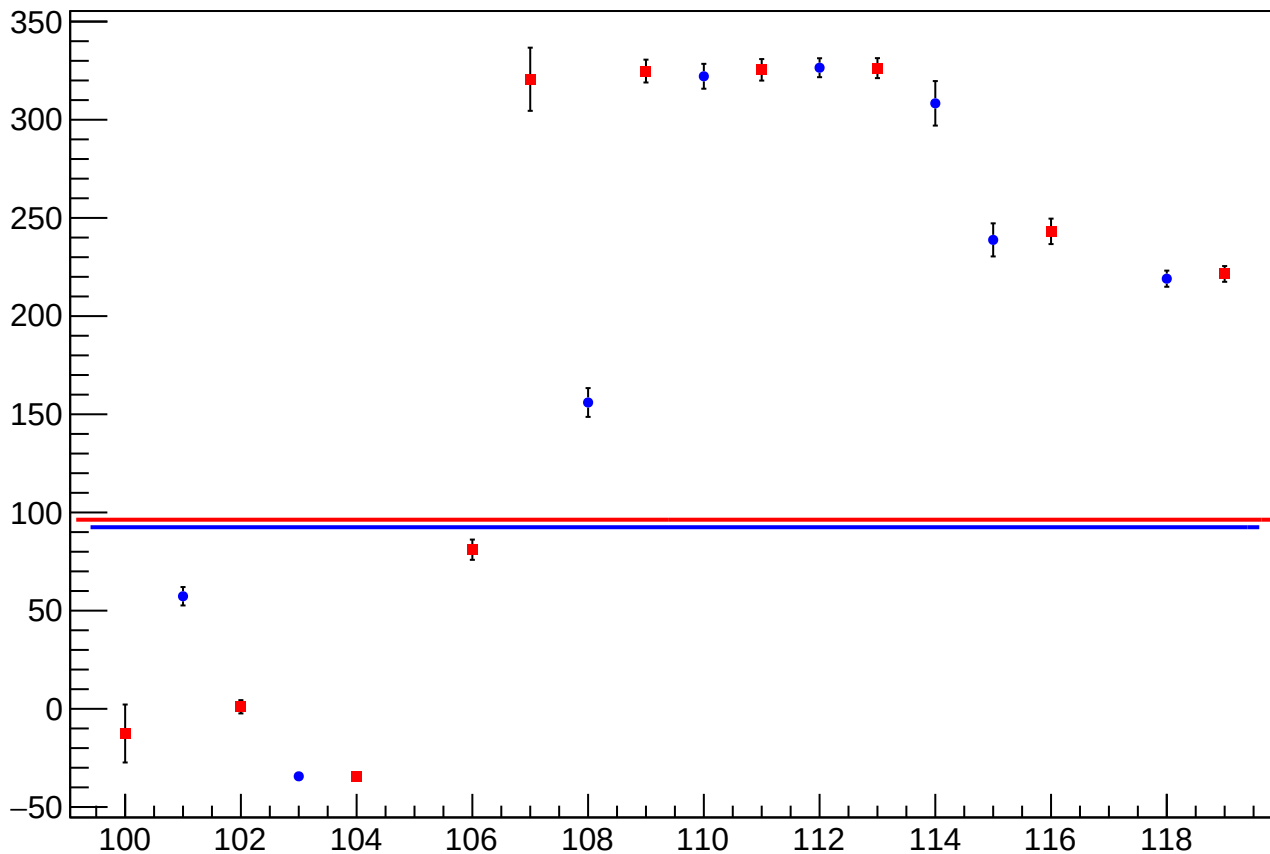
Right: 10.993+/-1.019 χ^2/NDF : 190.7/17

In: 12.337+/-1.561 χ^2/NDF : 92.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.993+/-1.019 χ^2/NDF : 190.7/17

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 92.485+/-1.538 χ^2/NDF : 8786.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.314+/-1.387 χ^2/NDF : 11277.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

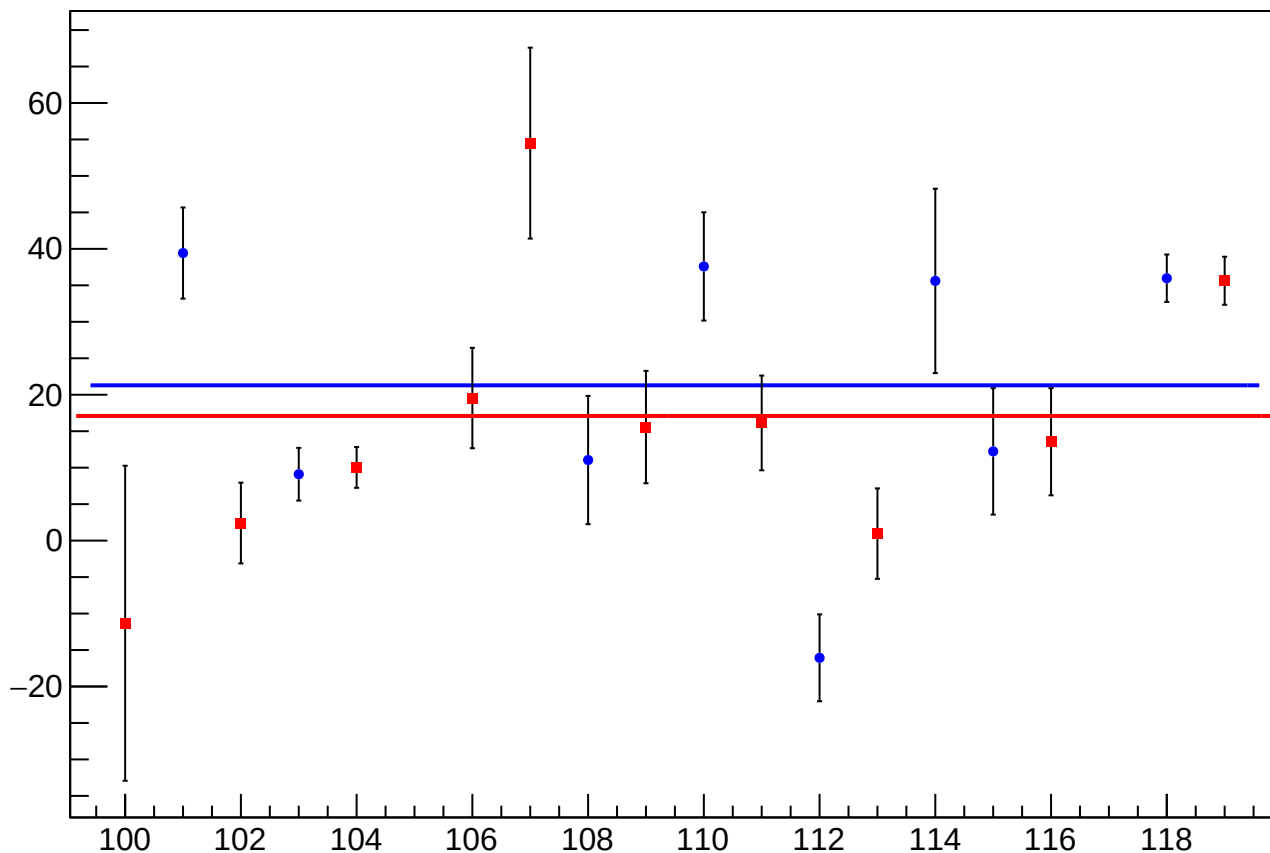
Right: 94.597+/-1.030 χ^2/NDF : 20067.2/17

In: 92.485+/-1.538 χ^2/NDF : 8786.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.597+/-1.030 χ^2/NDF : 20067.2/17

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.290 $\pm$ 1.905 χ^2 /NDF: 88.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.092 $\pm$ 1.651 χ^2 /NDF: 62.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

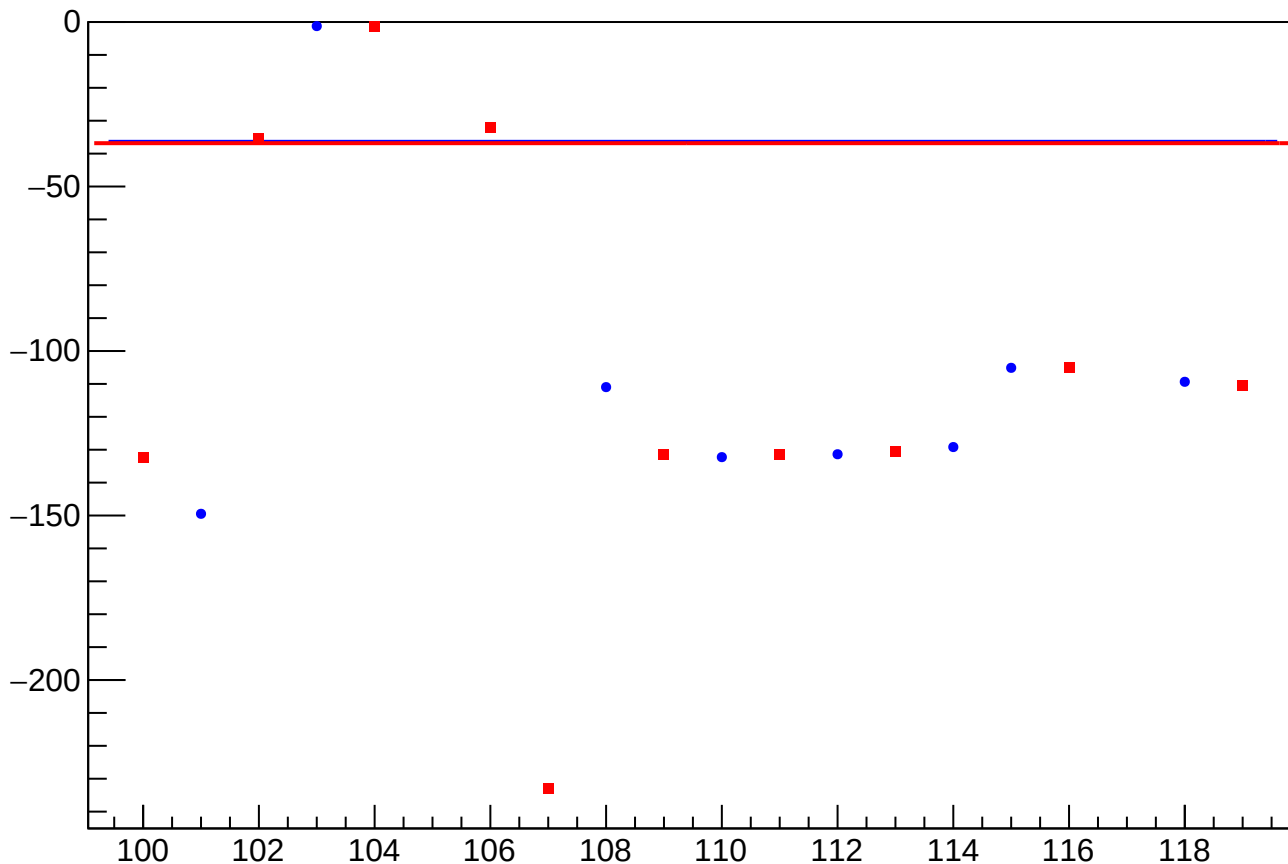
Right: 18.892 $\pm$ 1.248 χ^2 /NDF: 153.0/17

In: 21.290 $\pm$ 1.905 χ^2 /NDF: 88.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.892 $\pm$ 1.248 χ^2 /NDF: 153.0/17

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -36.419+/-0.077 χ^2/NDF : 546344.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -36.830+/-0.071 χ^2/NDF : 451065.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

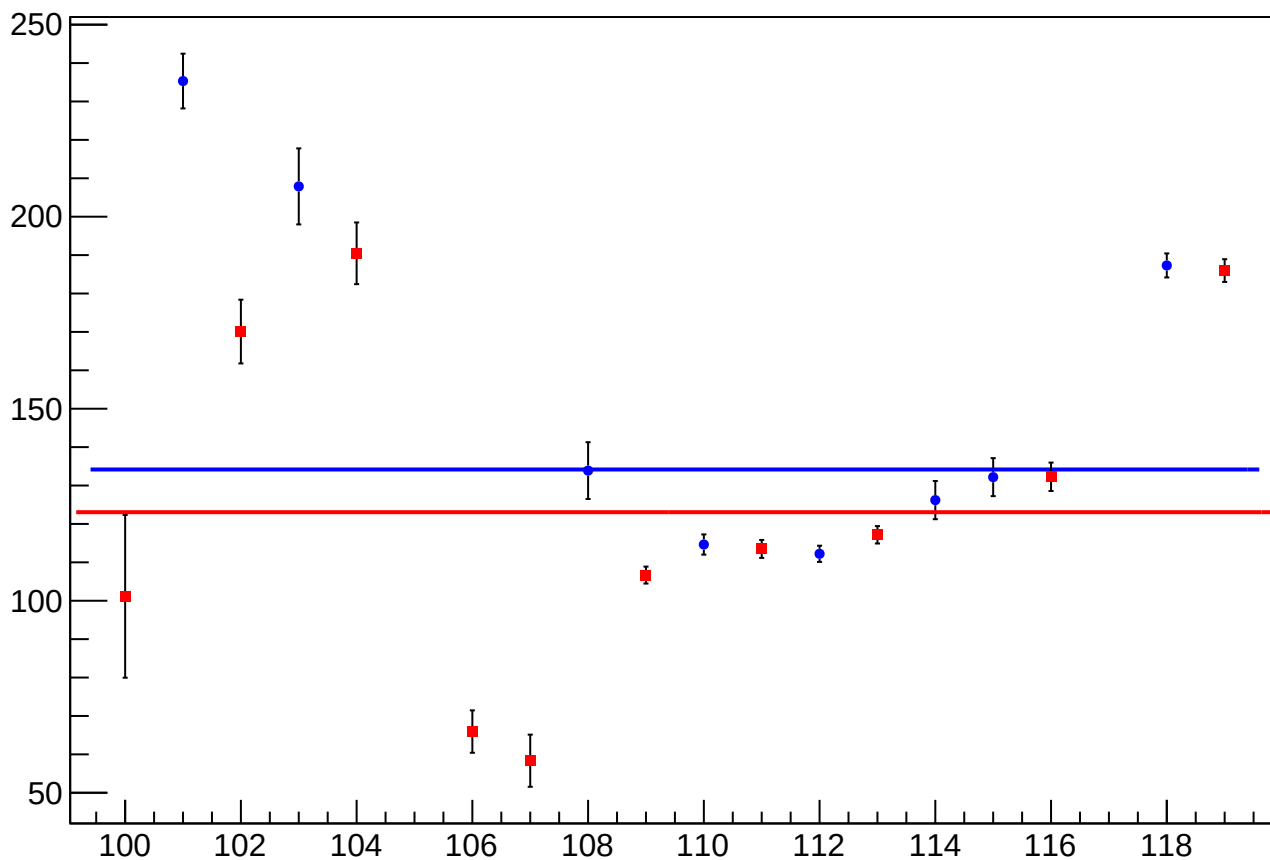
Right: -36.640+/-0.052 χ^2/NDF : 997425.6/17

In: -36.419+/-0.077 χ^2/NDF :546344.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.640+/-0.052 χ^2/NDF : 997425.6/17

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 134.175+/-1.290 χ^2/NDF : 711.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.056+/-1.080 χ^2/NDF : 838.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

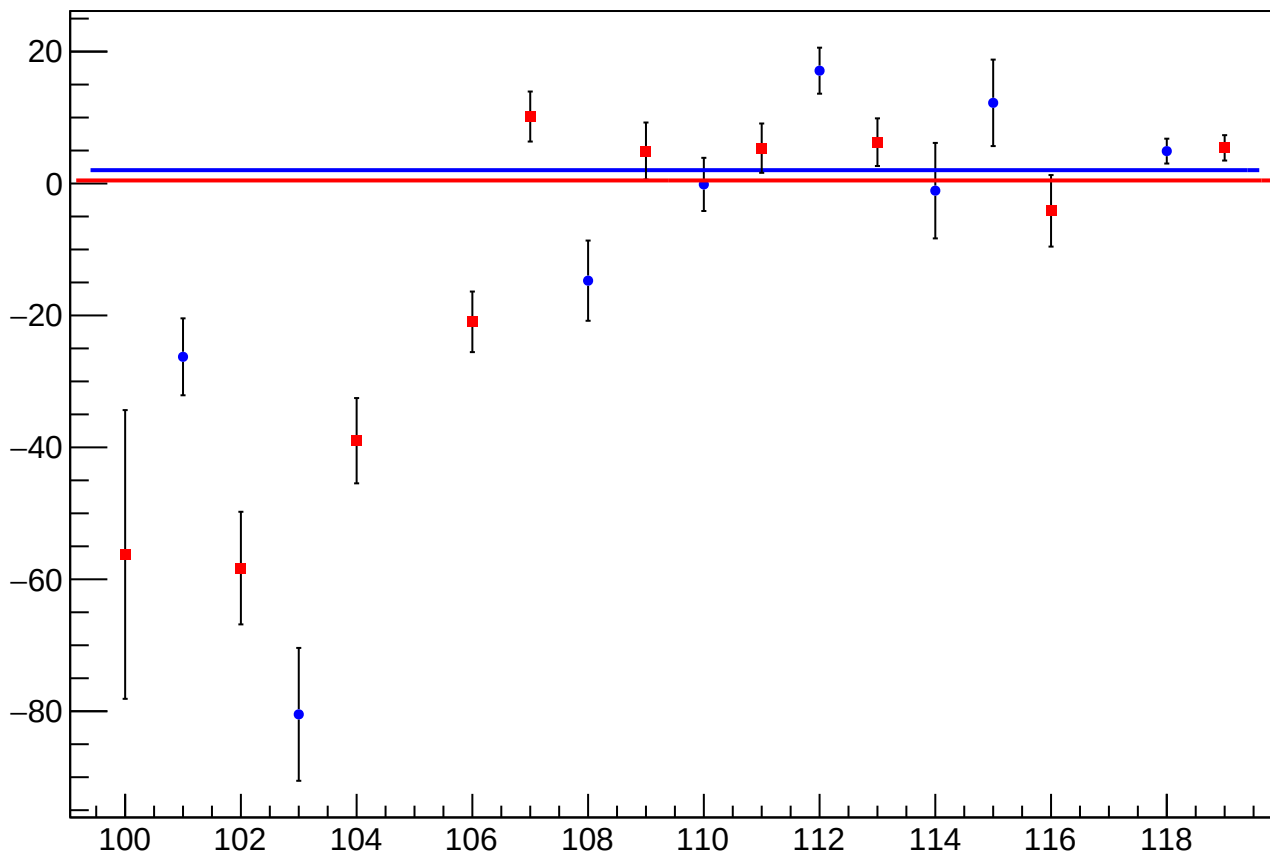
Right: 127.639+/-0.828 χ^2/NDF : 1593.5/17

In: 134.175+/-1.290 χ^2/NDF : 711.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.639+/-0.828 χ^2/NDF : 1593.5/17

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.024+/-1.368 χ^2/NDF : 122.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.464+/-1.229 χ^2/NDF : 132.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

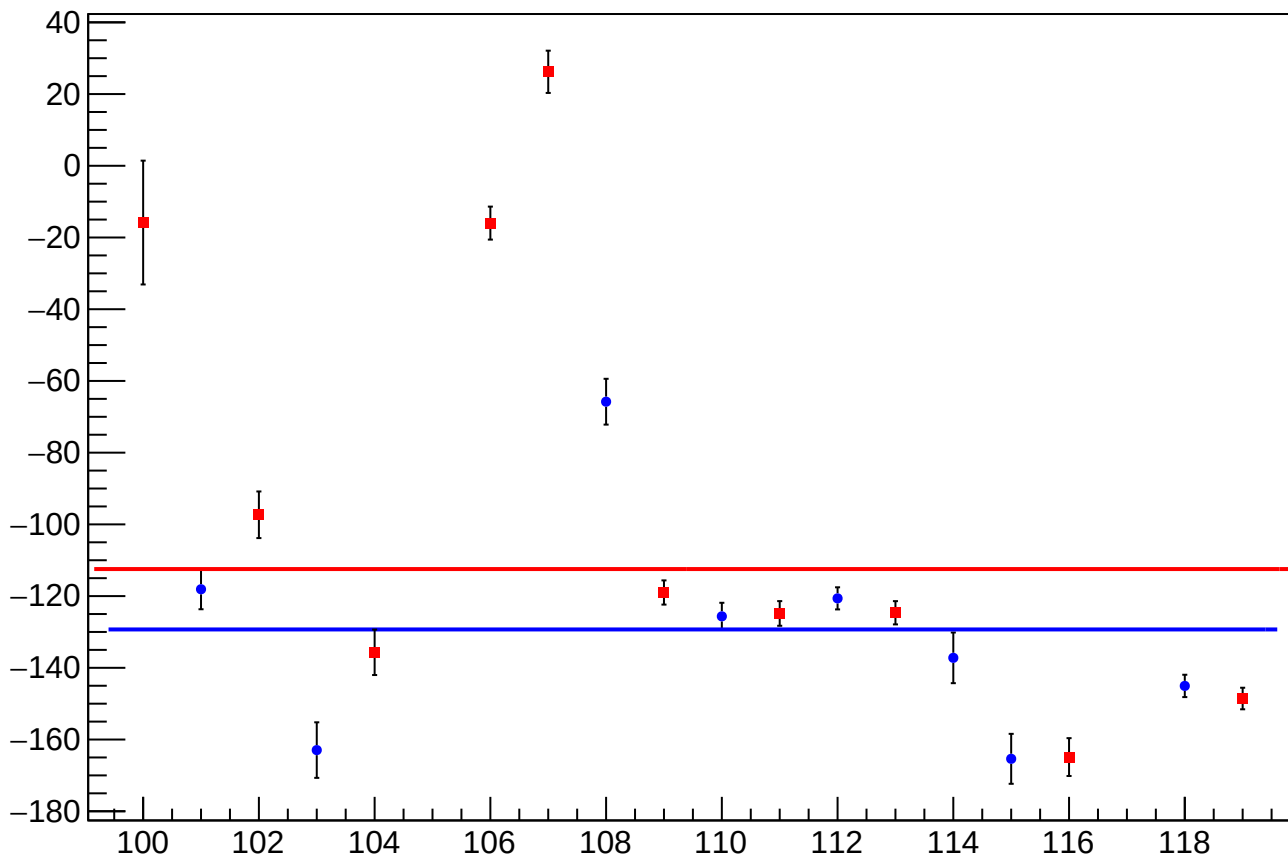
Right: 1.161+/-0.914 χ^2/NDF : 255.2/17

In: 2.024+/-1.368 χ^2/NDF : 122.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.161+/-0.914 χ^2/NDF : 255.2/17

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.301+/-1.597 χ^2/NDF : 184.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.458+/-1.358 χ^2/NDF : 1317.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

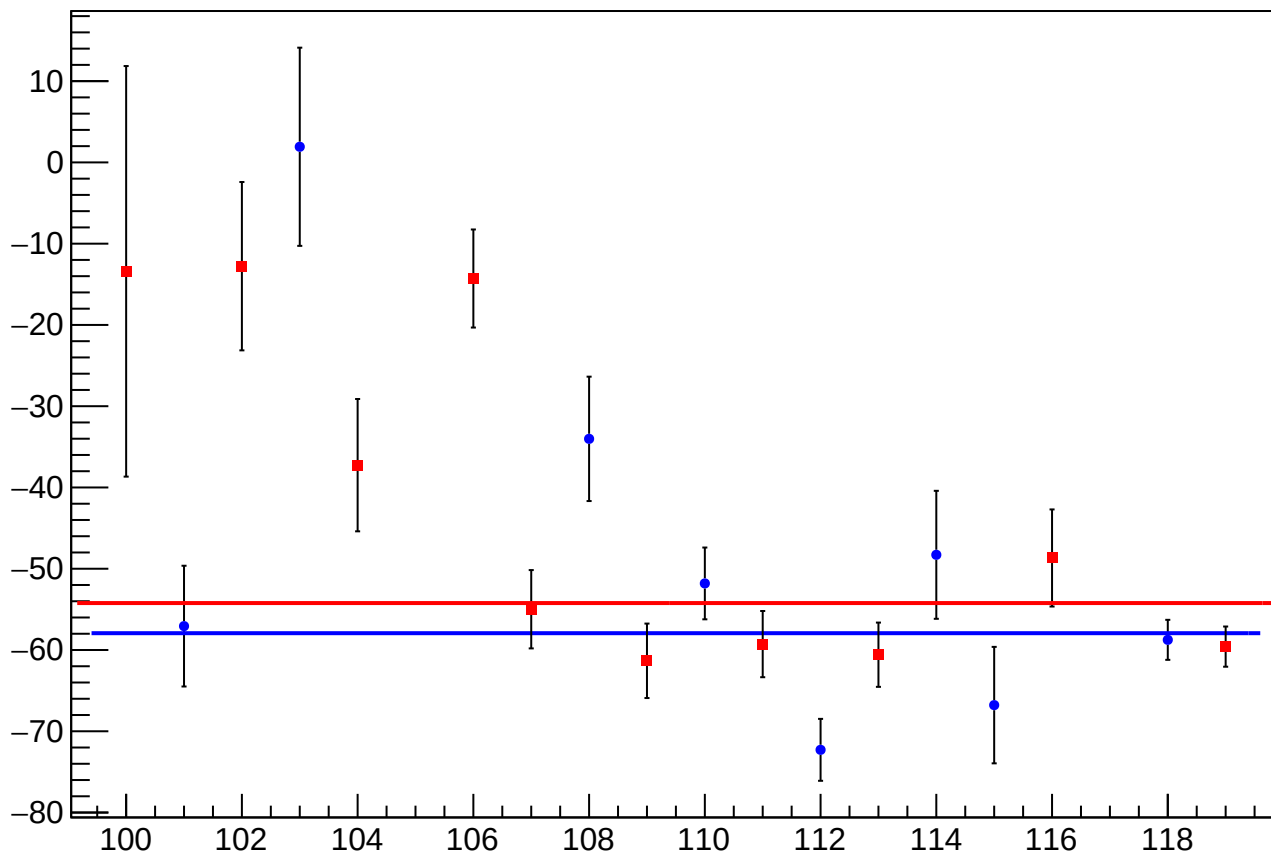
Right: -119.530+/-1.035 χ^2/NDF : 1566.2/17

In: -129.301+/-1.597 χ^2/NDF : 184.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.530+/-1.035 χ^2/NDF : 1566.2/17

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.931 ± 1.661 χ^2/NDF : 53.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.223 ± 1.475 χ^2/NDF : 78.9/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

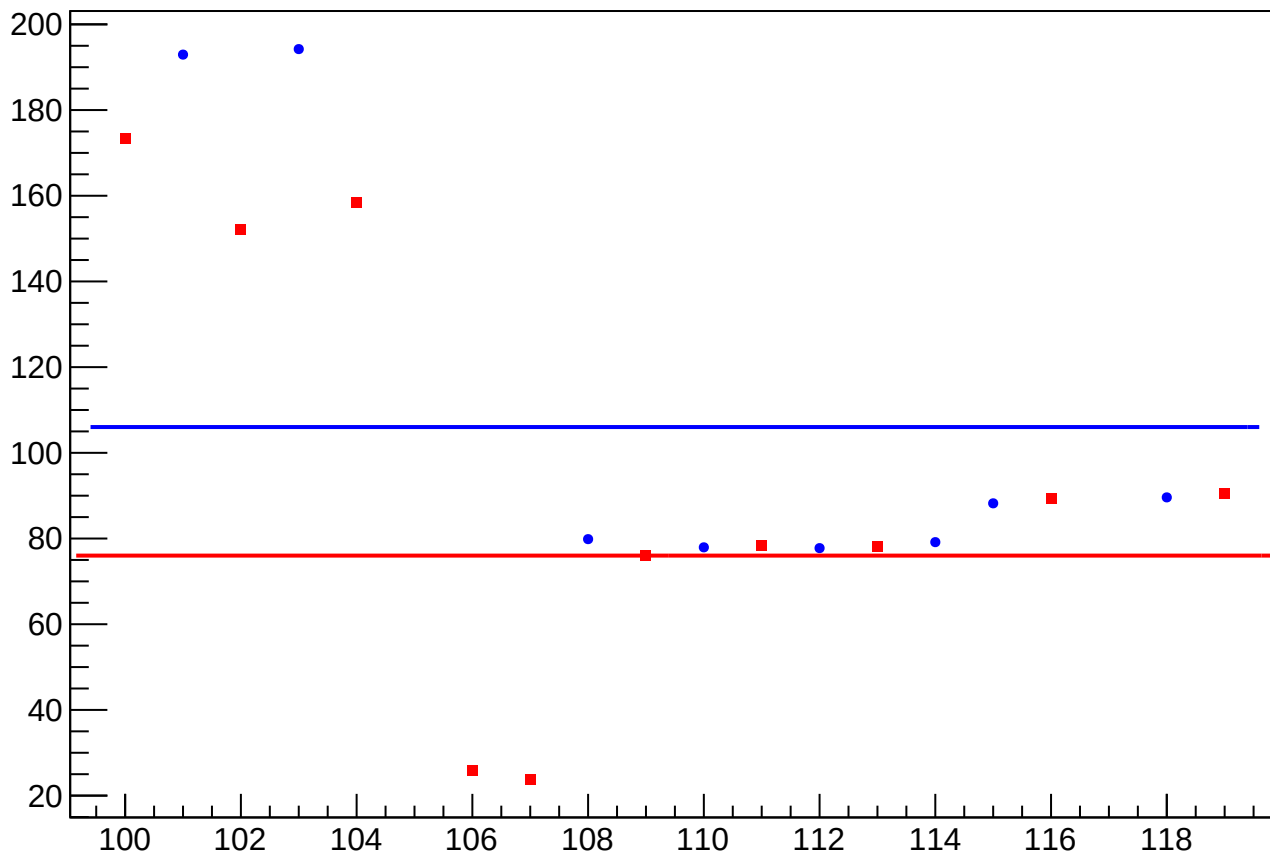
Right: -55.858 ± 1.103 χ^2/NDF : 134.8/17

In: -57.931 ± 1.661 χ^2/NDF : 53.1/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.858 ± 1.103 χ^2/NDF : 134.8/17

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 106.020+/-0.109 χ^2/NDF : 178828.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.016+/-0.085 χ^2/NDF : 278571.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

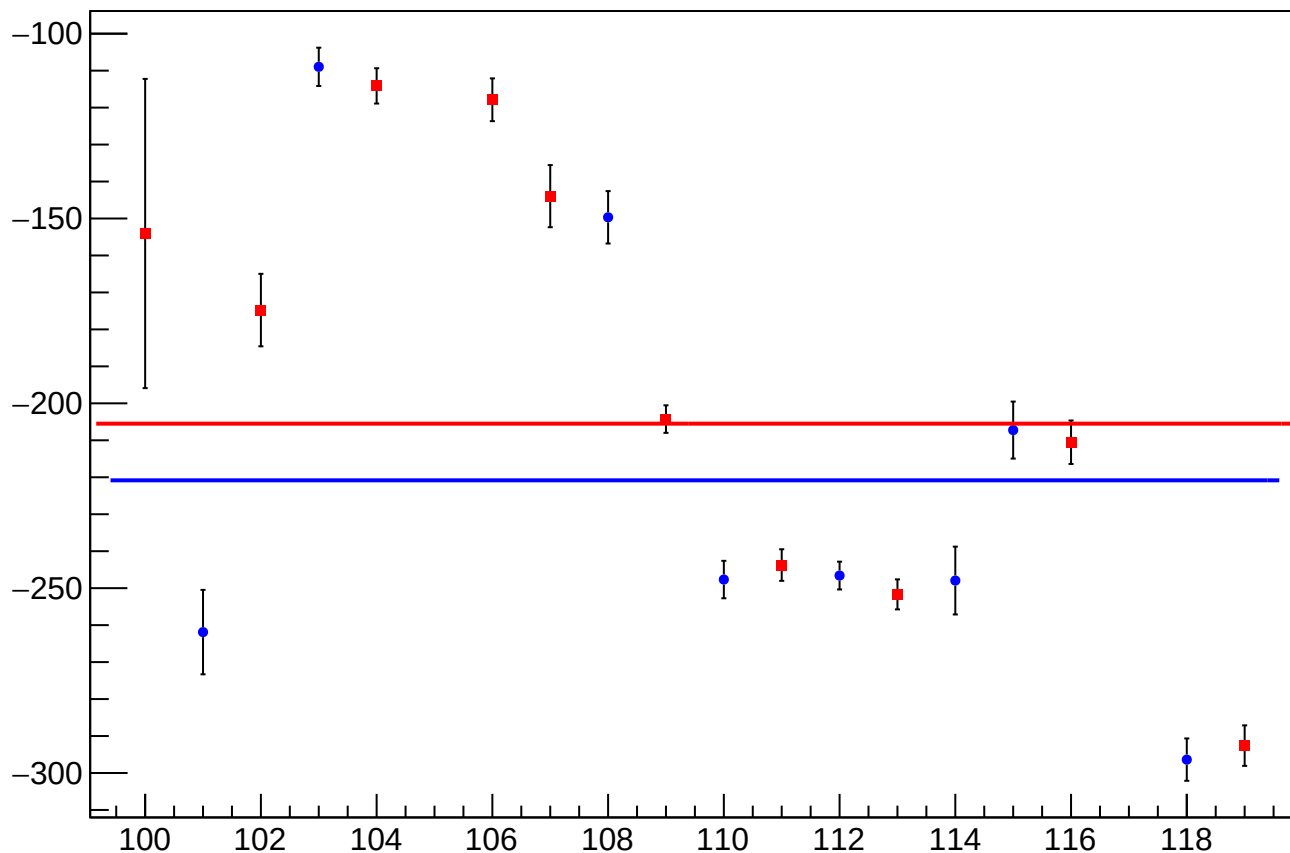
Right: 87.331+/-0.067 χ^2/NDF : 504505.1/17

In: 106.020+/-0.109 χ^2/NDF : 178828.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.331+/-0.067 χ^2/NDF : 504505.1/17

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -220.829+/-2.068 χ^2/NDF : 840.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -205.498+/-1.694 χ^2/NDF : 1124.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

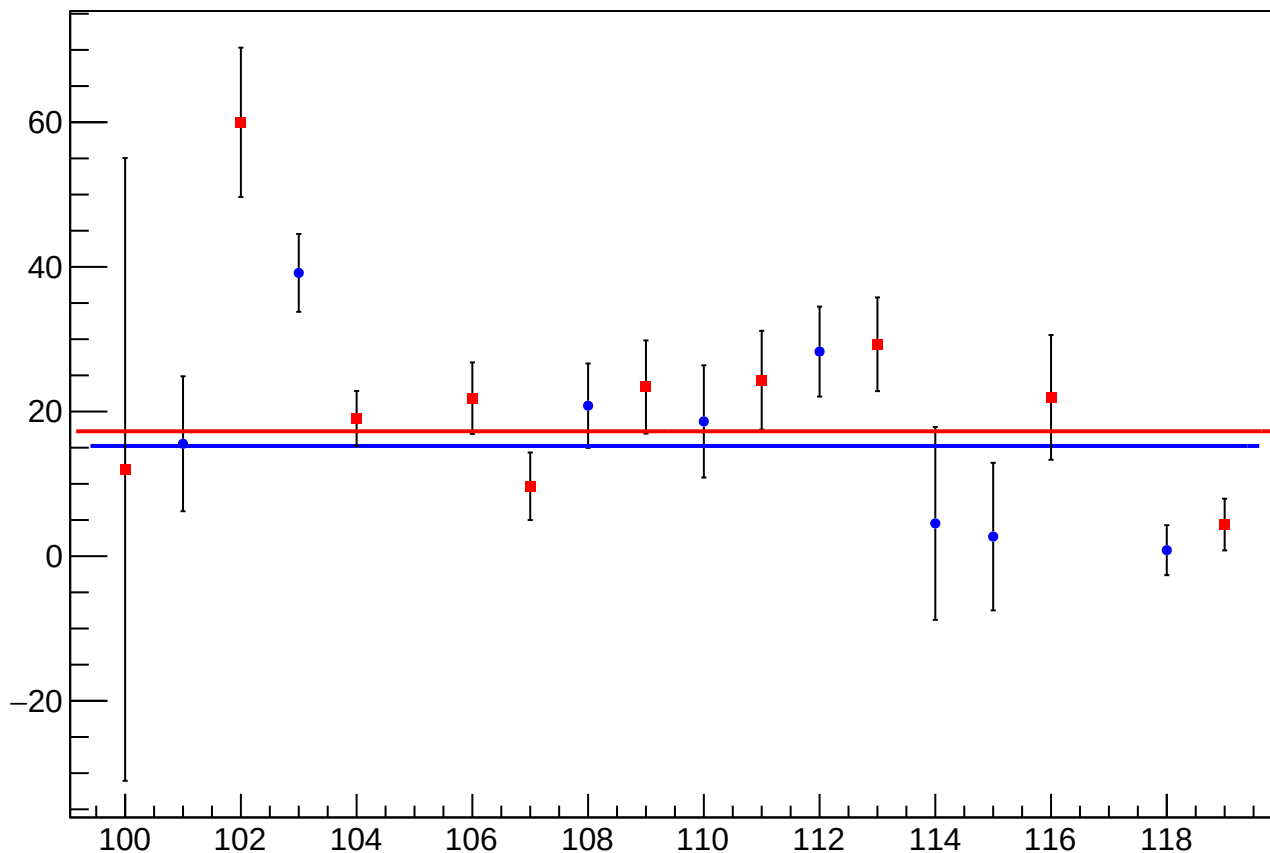
Right: -211.652+/-1.310 χ^2/NDF : 1997.4/17

In: -220.829+/-2.068 χ^2/NDF :840.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -211.652+/-1.310 χ^2/NDF : 1997.4/17

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.237+/-2.147 χ^2/NDF : 44.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.269+/-1.747 χ^2/NDF : 39.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

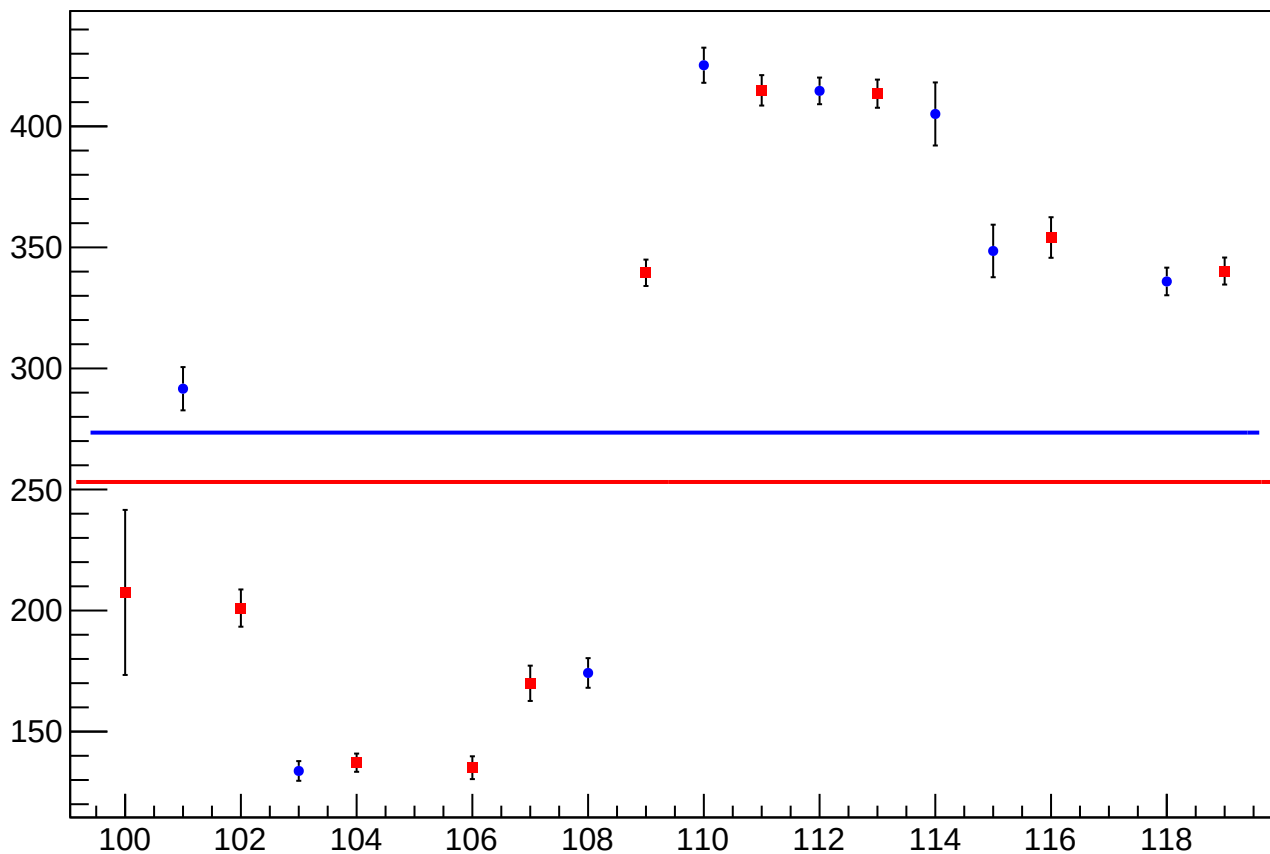
Right: 16.459+/-1.355 χ^2/NDF : 85.0/17

In: 15.237+/-2.147 χ^2/NDF : 44.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.459+/-1.355 χ^2/NDF : 85.0/17

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 273.495+/-2.254 χ^2/NDF : 2813.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.101+/-1.866 χ^2/NDF : 3817.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

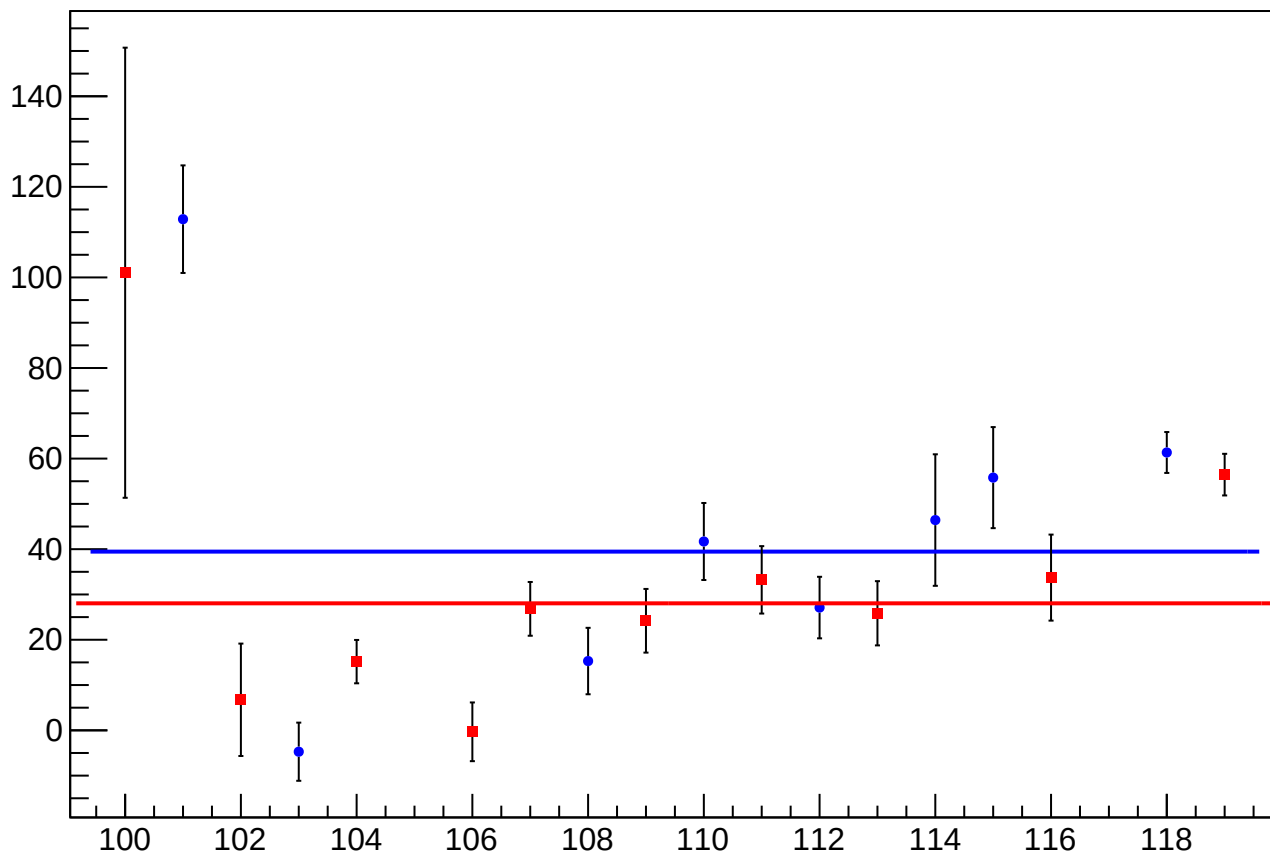
Right: 261.396+/-1.438 χ^2/NDF : 6679.3/17

In: 273.495+/-2.254 χ^2/NDF : 2813.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.396+/-1.438 χ^2/NDF : 6679.3/17

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 39.461+/-2.606 χ^2/NDF : 125.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.043+/-2.135 χ^2/NDF : 71.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

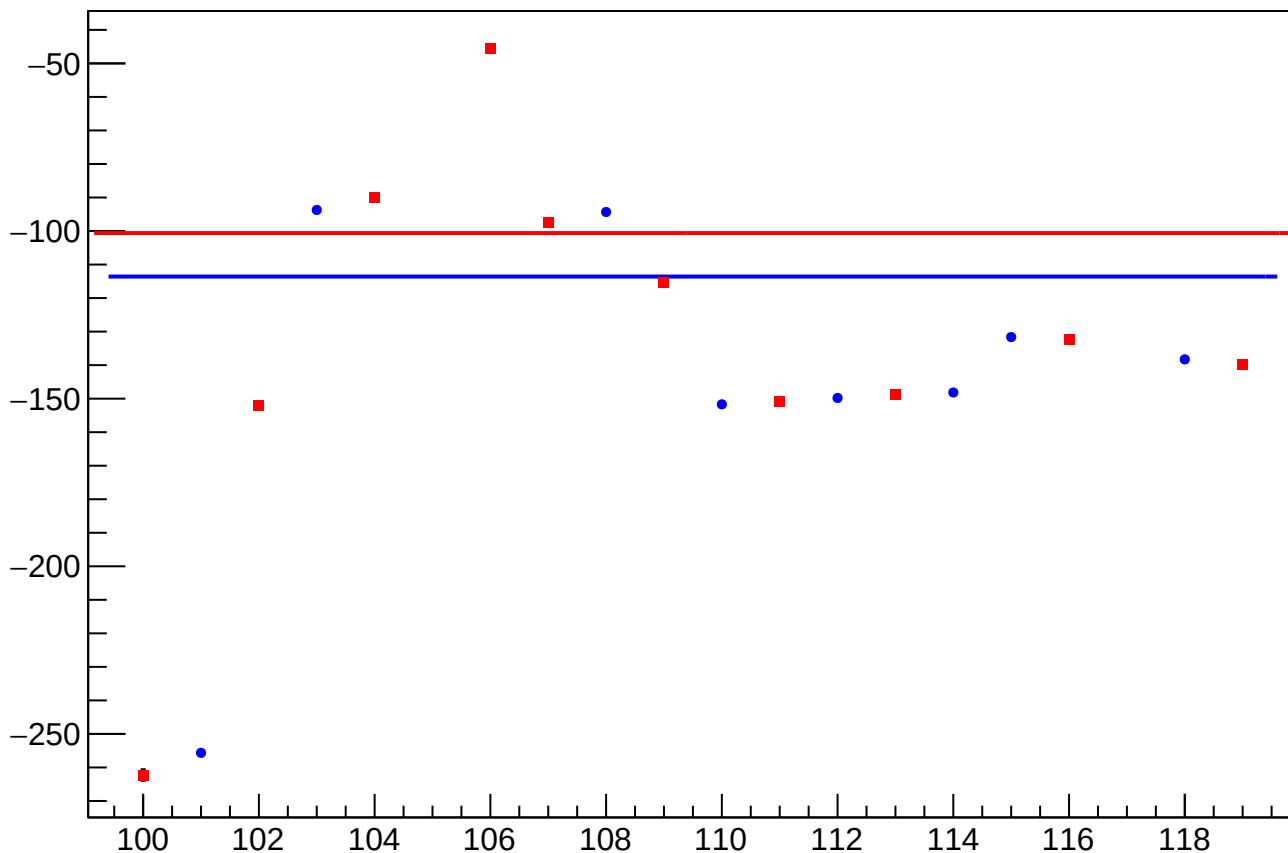
Right: 32.628+/-1.652 χ^2/NDF : 208.1/17

In: 39.461+/-2.606 χ^2/NDF : 125.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.628+/-1.652 χ^2/NDF : 208.1/17

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -113.581+/-0.120 χ^2/NDF : 106899.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -100.609+/-0.103 χ^2/NDF : 126242.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

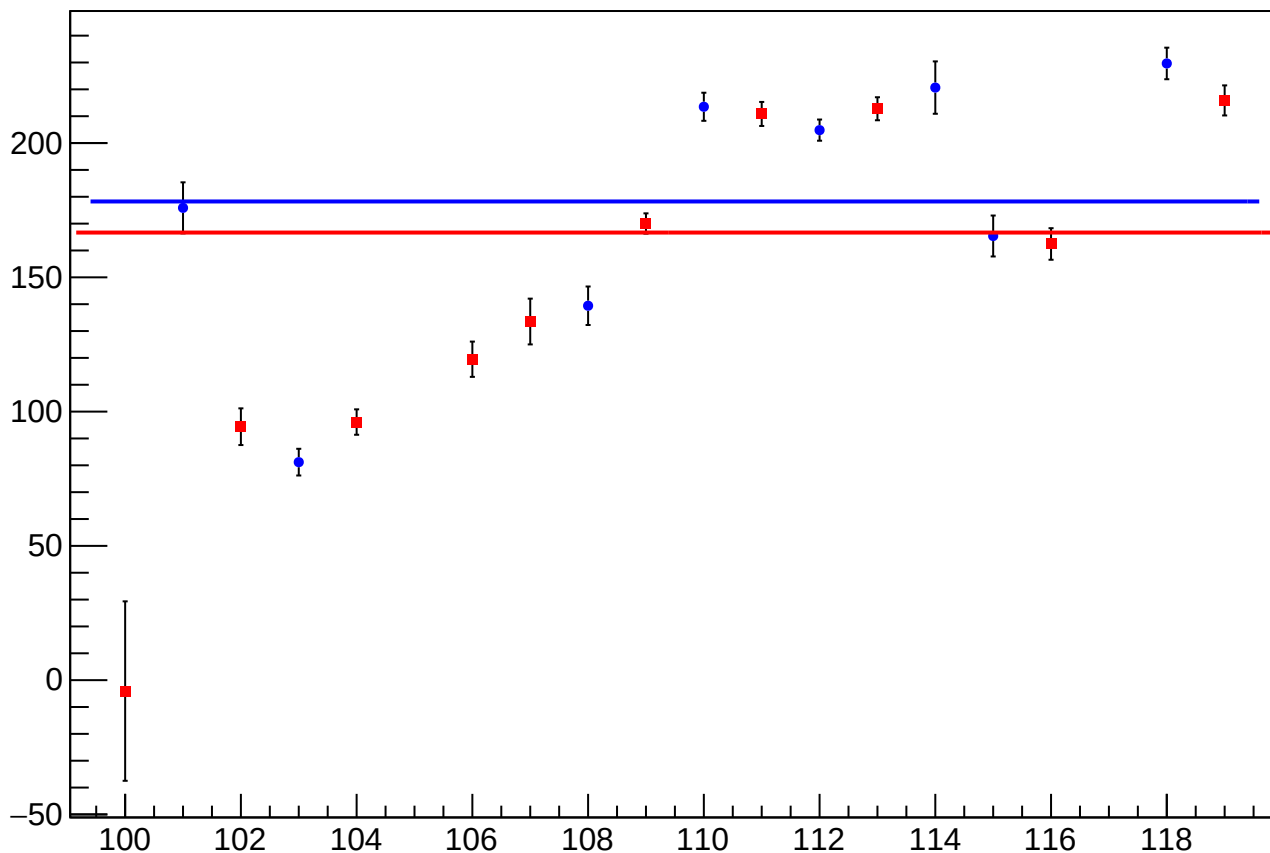
Right: -106.131+/-0.078 χ^2/NDF : 239866.1/17

In: -113.581+/-0.120 χ^2/NDF : 106899.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.131+/-0.078 χ^2/NDF : 239866.1/17

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 178.251+/-2.092 χ^2/NDF : 599.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 166.674+/-1.717 χ^2/NDF : 718.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

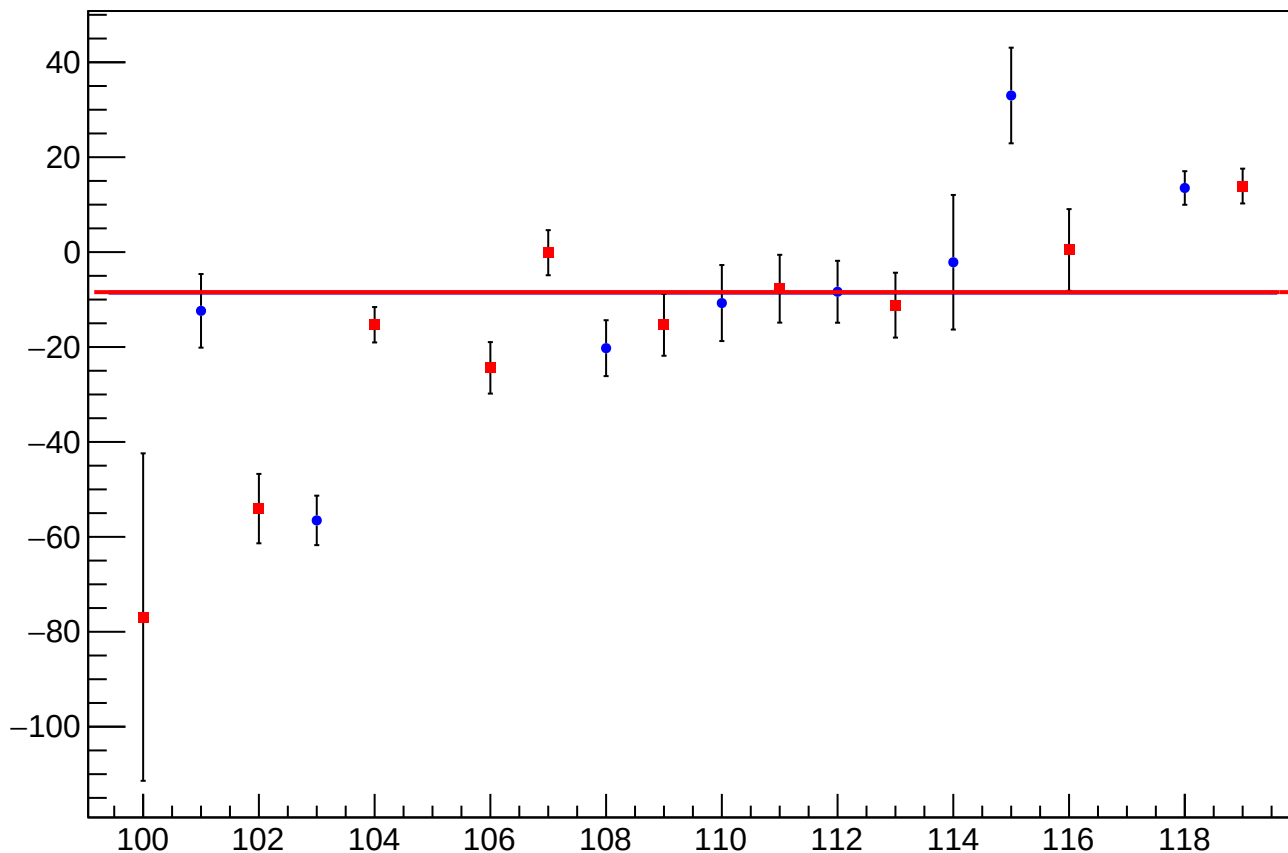
Right: 171.333+/-1.327 χ^2/NDF : 1336.5/17

In: 178.251+/-2.092 χ^2/NDF : 599.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.333+/-1.327 χ^2/NDF : 1336.5/17

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.529+/-2.152 χ^2 /NDF: 145.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.435+/-1.762 χ^2 /NDF: 97.5/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

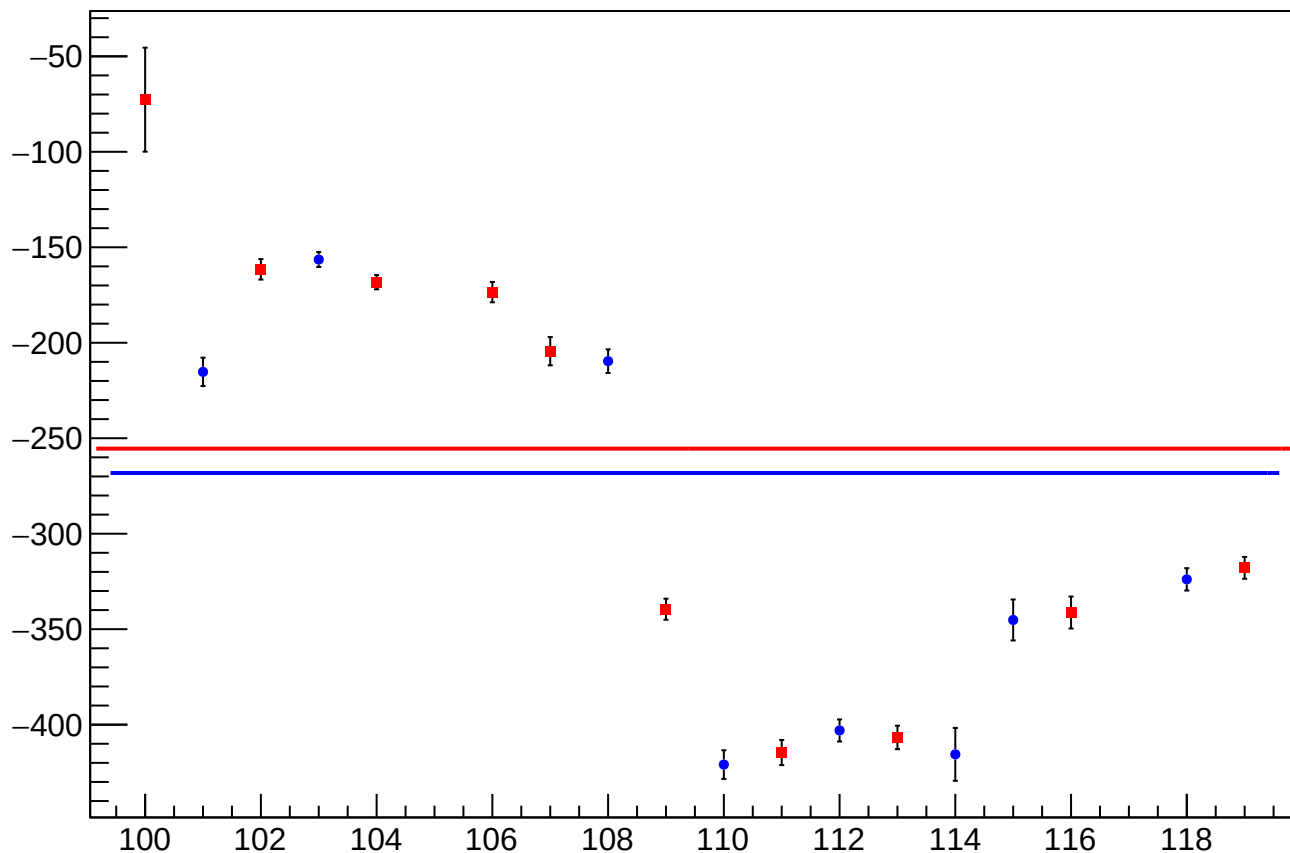
Right: -8.473+/-1.364 χ^2 /NDF: 242.5/17

In: -8.529+/-2.152 χ^2 /NDF:145.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.473+/-1.364 χ^2 /NDF: 242.5/17

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -268.204+/-2.232 χ^2/NDF : 2176.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -255.439+/-1.861 χ^2/NDF : 2830.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

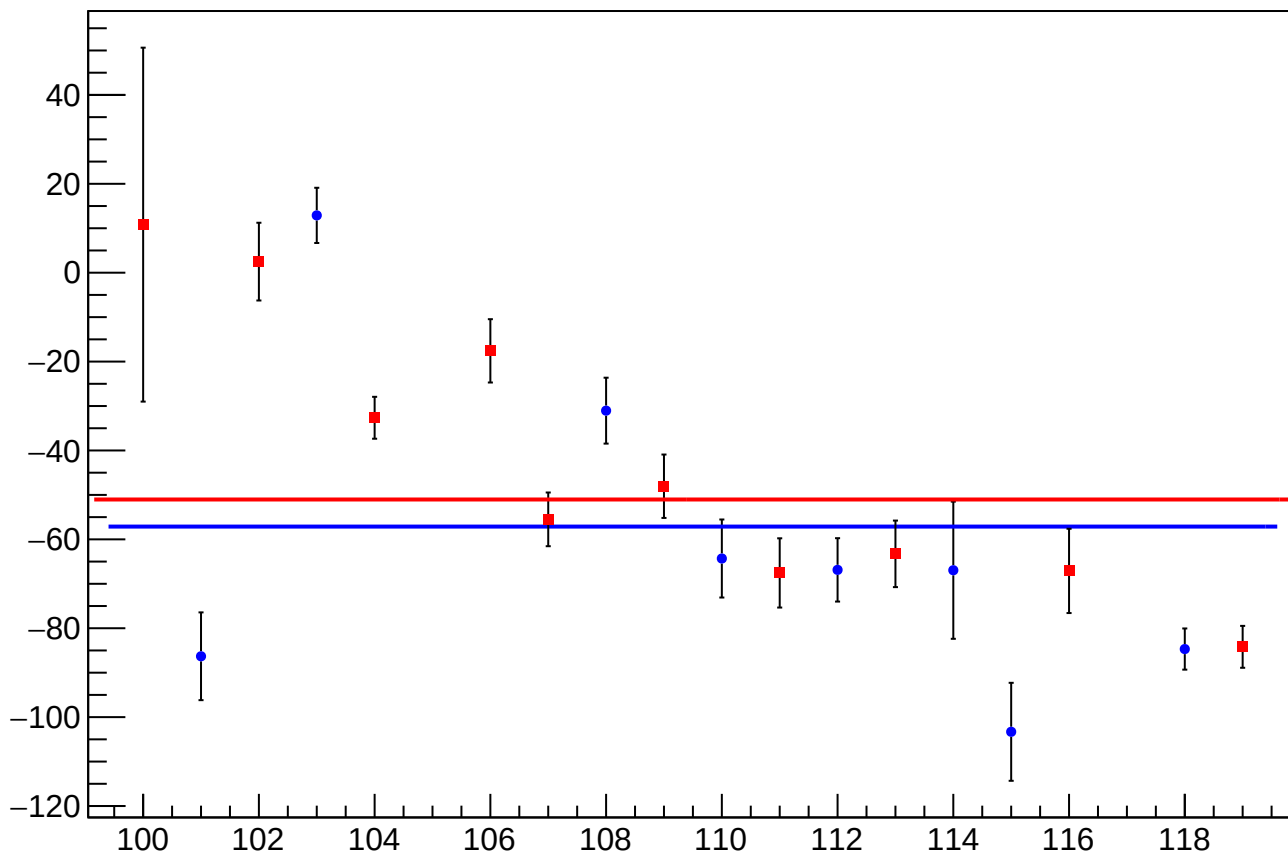
Right: -260.674+/-1.429 χ^2/NDF : 5025.7/17

In: -268.204+/-2.232 χ^2/NDF : 2176.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -260.674+/-1.429 χ^2/NDF : 5025.7/17

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.125 ± 2.617 χ^2/NDF : 204.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.031 ± 2.152 χ^2/NDF : 137.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

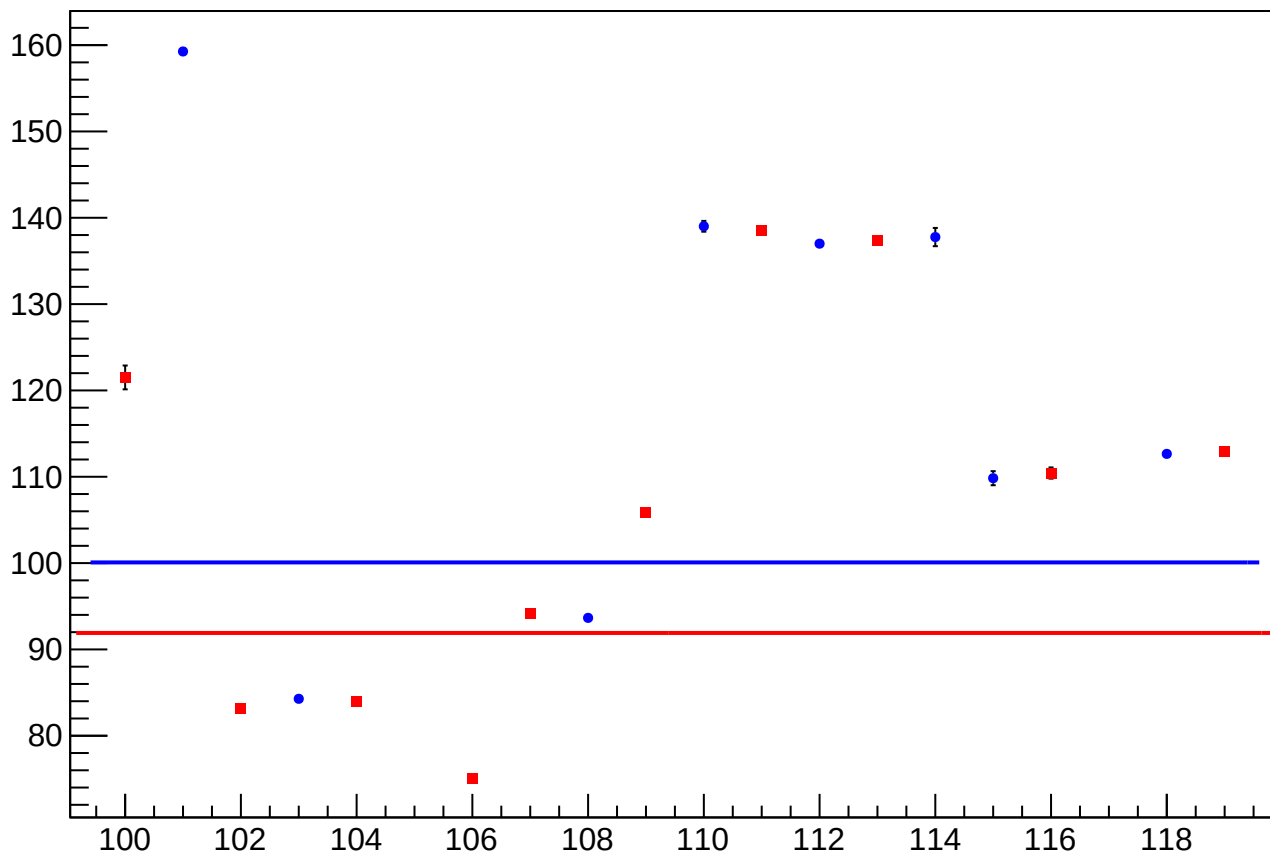
Right: -53.490 ± 1.662 χ^2/NDF : 344.6/17

In: -57.125 ± 2.617 χ^2/NDF : 204.0/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.490 ± 1.662 χ^2/NDF : 344.6/17

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.078+/-0.117 χ^2/NDF : 40805.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.907+/-0.100 χ^2/NDF : 30259.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

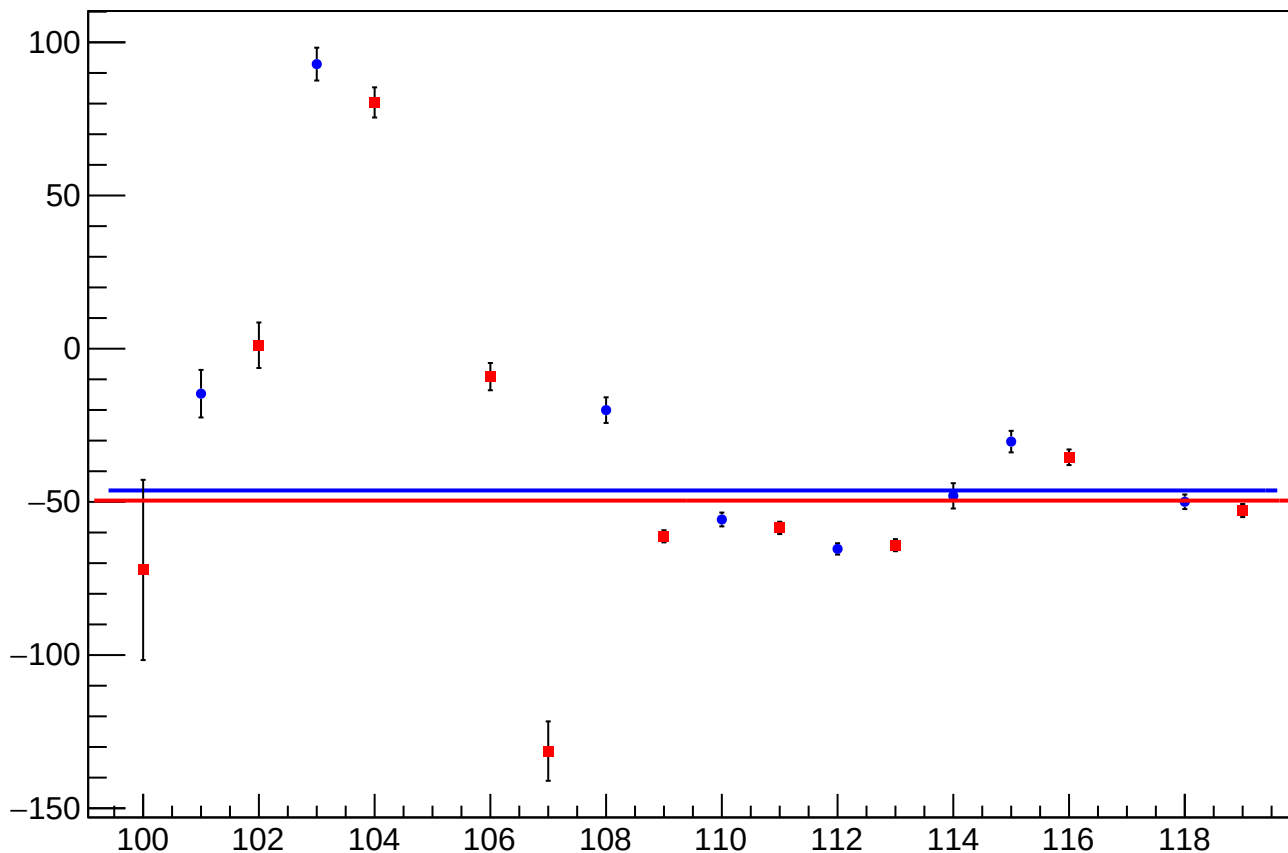
Right: 95.353+/-0.076 χ^2/NDF : 73882.5/17

In: 100.078+/-0.117 χ^2/NDF : 40805.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.353+/-0.076 χ^2/NDF : 73882.5/17

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -46.273+/-1.048 χ^2/NDF : 875.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.582+/-0.894 χ^2/NDF : 1039.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

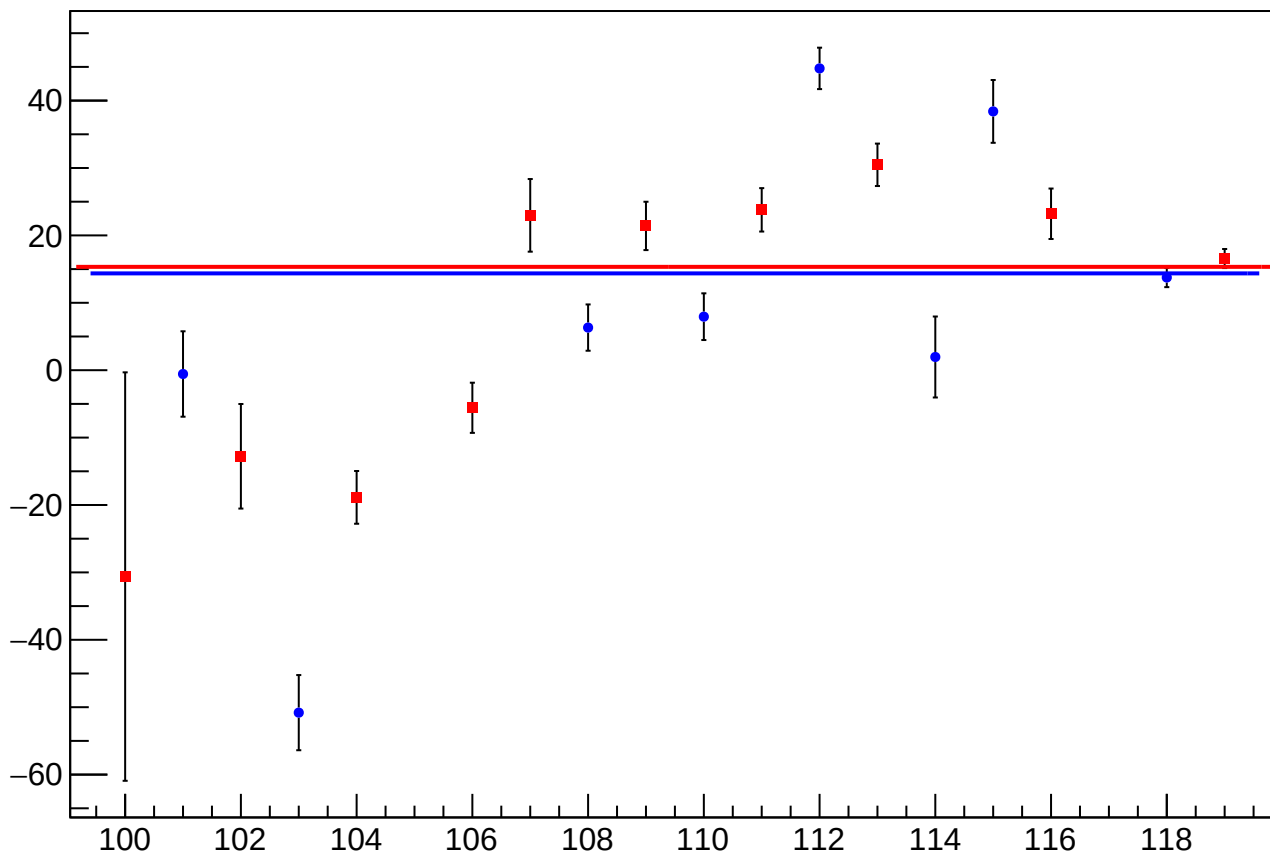
Right: -48.189+/-0.680 χ^2/NDF : 1920.1/17

In: -46.273+/-1.048 χ^2/NDF : 875.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.189+/-0.680 χ^2/NDF : 1920.1/17

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.363+/-1.058 χ^2/NDF : 280.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.333+/-0.982 χ^2/NDF : 163.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

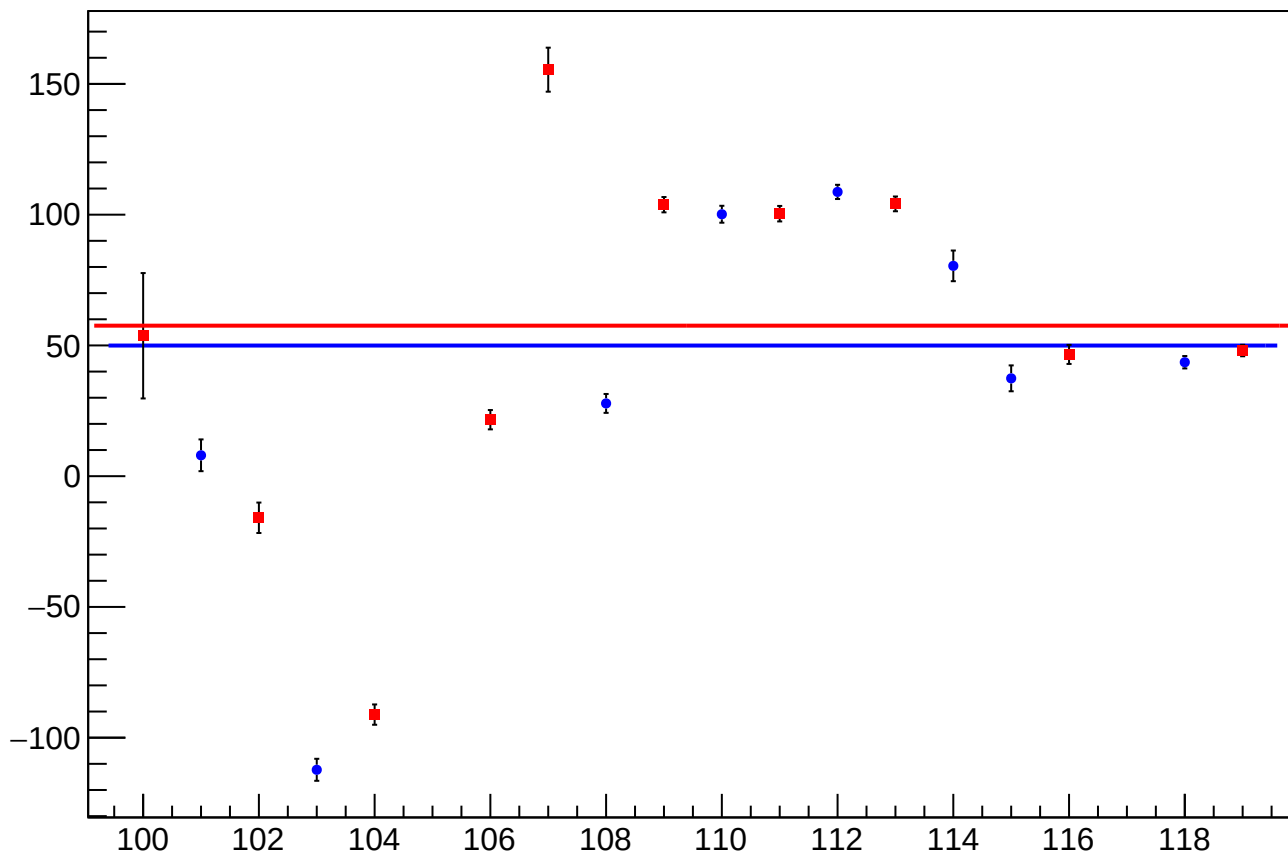
Right: 14.884+/-0.720 χ^2/NDF : 443.9/17

In: 14.363+/-1.058 χ^2/NDF : 280.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.884+/-0.720 χ^2/NDF : 443.9/17

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 49.954+/-1.251 χ^2/NDF : 2320.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.558+/-1.101 χ^2/NDF : 2613.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

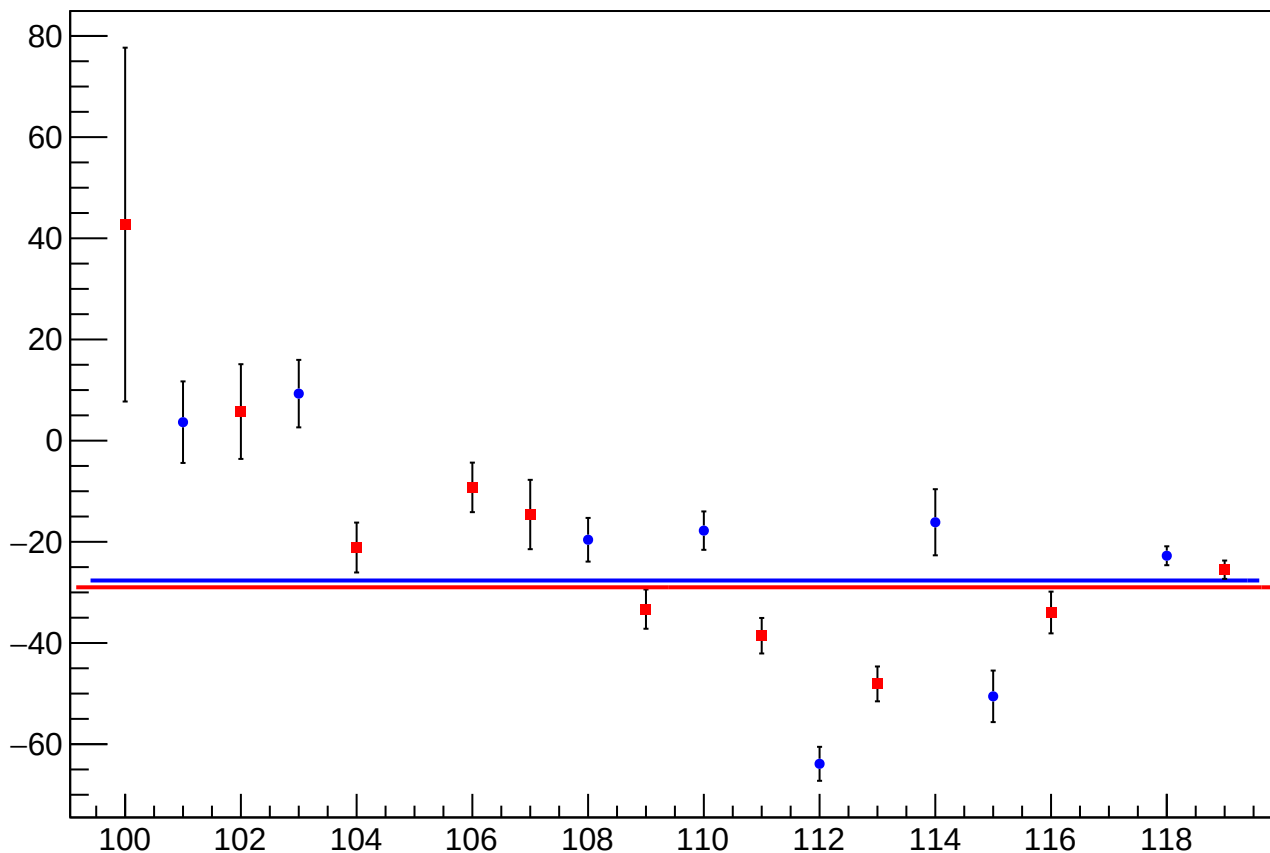
Right: 54.238+/-0.827 χ^2/NDF : 4954.7/17

In: 49.954+/-1.251 χ^2/NDF : 2320.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.238+/-0.827 χ^2/NDF : 4954.7/17

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -27.644+/-1.293 χ^2/NDF : 202.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.989+/-1.186 χ^2/NDF : 85.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

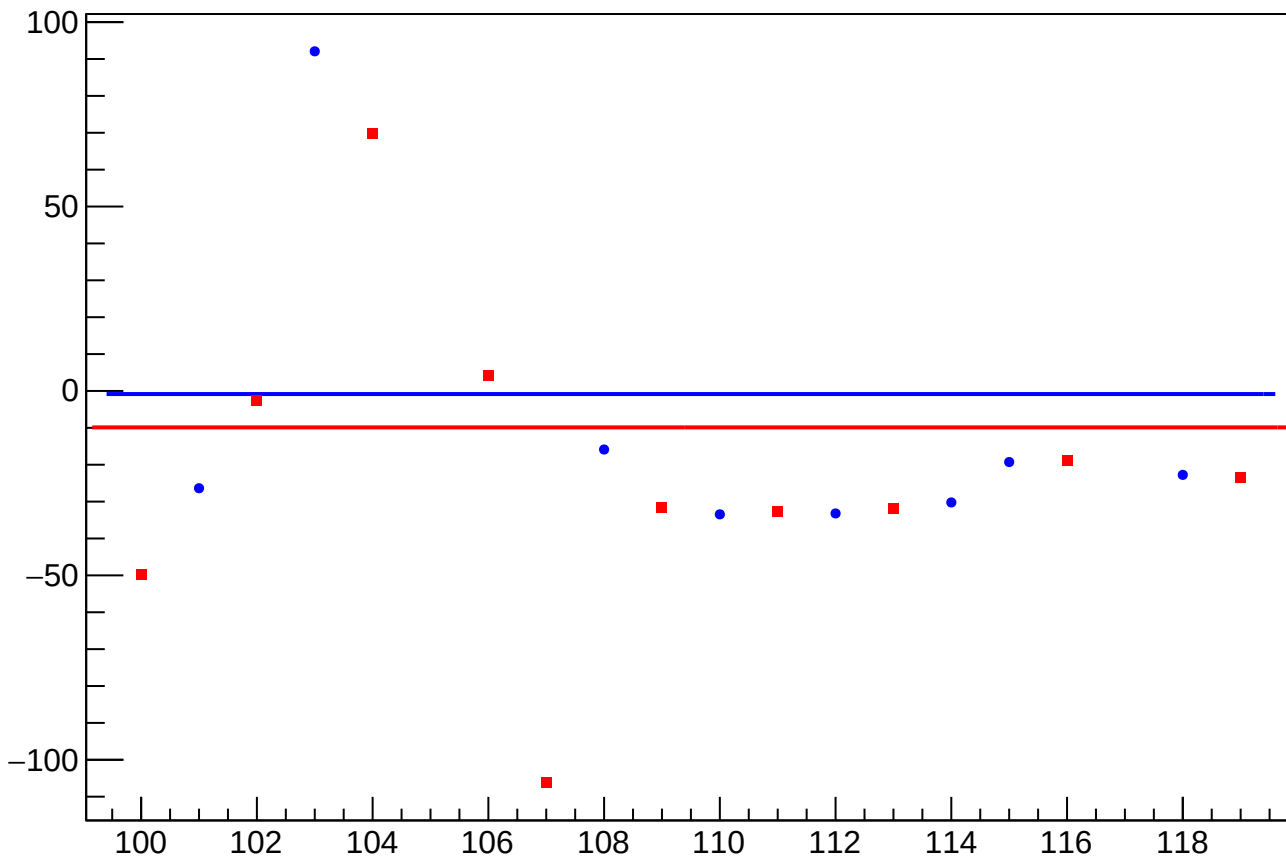
Right: -28.375+/-0.874 χ^2/NDF : 289.0/17

In: -27.644+/-1.293 χ^2/NDF : 202.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.375+/-0.874 χ^2/NDF : 289.0/17

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.838+/-0.078 χ^2/NDF : 351270.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.877+/-0.071 χ^2/NDF : 307201.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

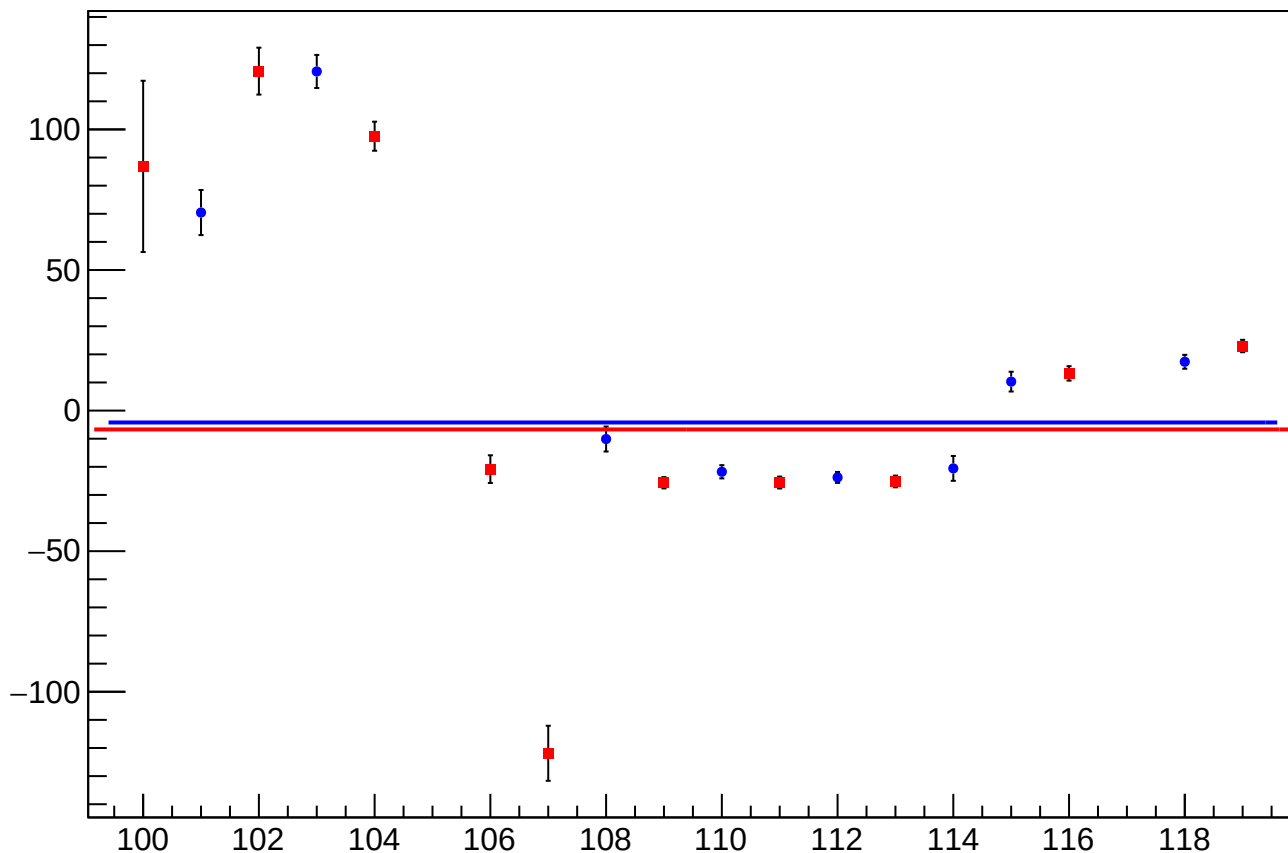
Right: -5.779+/-0.053 χ^2/NDF : 665774.2/17

In: -0.838+/-0.078 χ^2/NDF : 351270.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.779+/-0.053 χ^2/NDF : 665774.2/17

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.227 $\pm$ 1.094 χ^2 /NDF: 802.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.702 $\pm$ 0.926 χ^2 /NDF: 1286.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

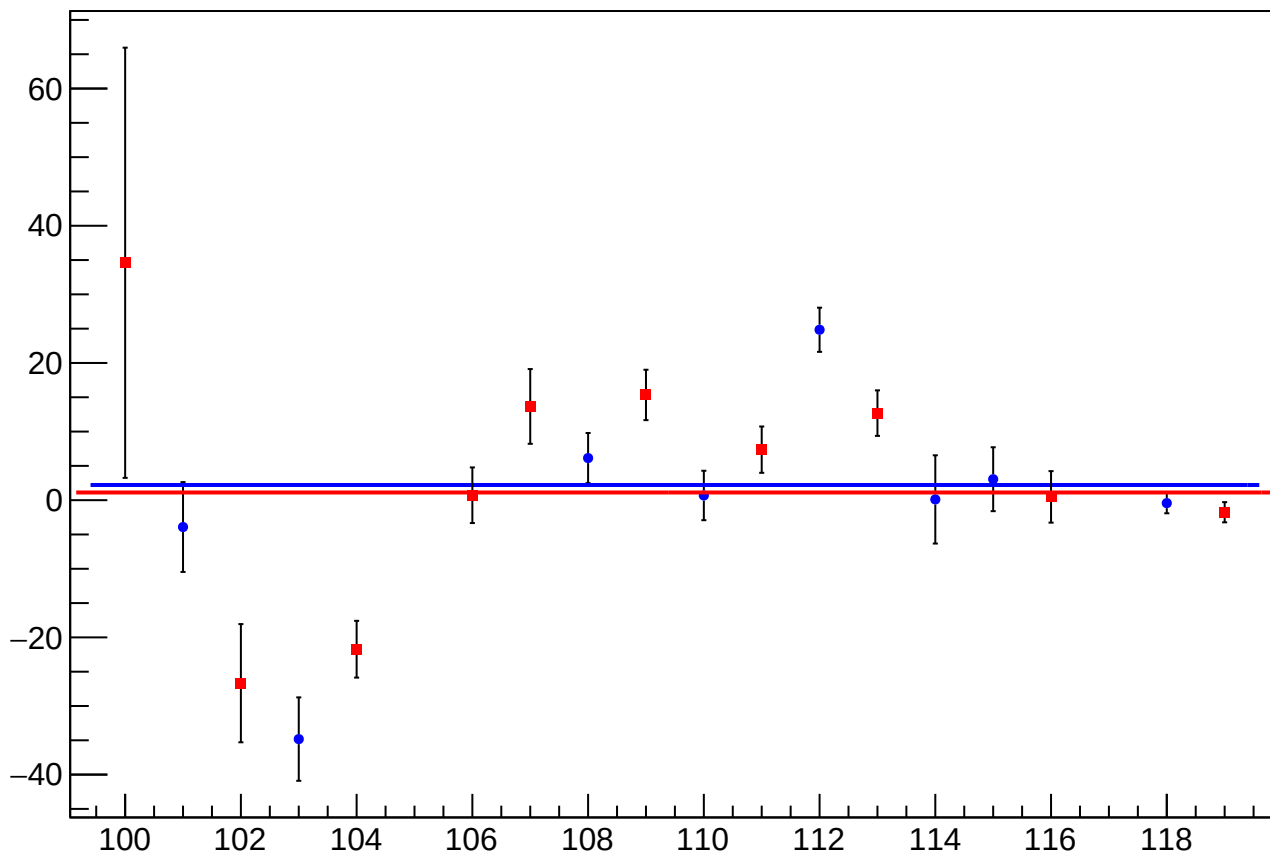
Right: -5.668 $\pm$ 0.707 χ^2 /NDF: 2091.4/17

In: -4.227 $\pm$ 1.094 χ^2 /NDF:802.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.668 $\pm$ 0.707 χ^2 /NDF: 2091.4/17

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.213+/-1.102 χ^2/NDF : 92.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.122+/-1.024 χ^2/NDF : 81.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

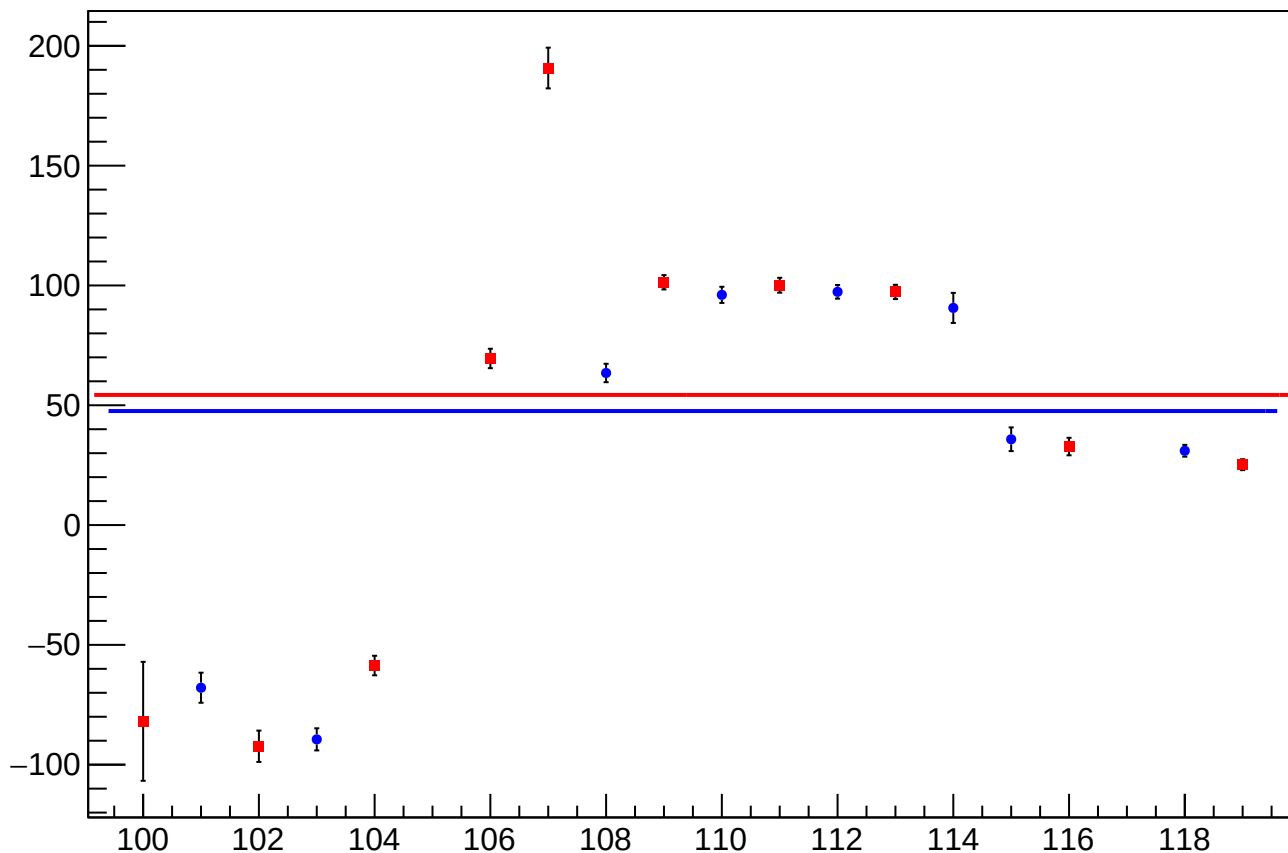
Right: 1.628+/-0.750 χ^2/NDF : 174.3/17

In: 2.213+/-1.102 χ^2/NDF : 92.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.628+/-0.750 χ^2/NDF : 174.3/17

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 47.589+/-1.310 χ^2/NDF : 1848.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.310+/-1.150 χ^2/NDF : 2444.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

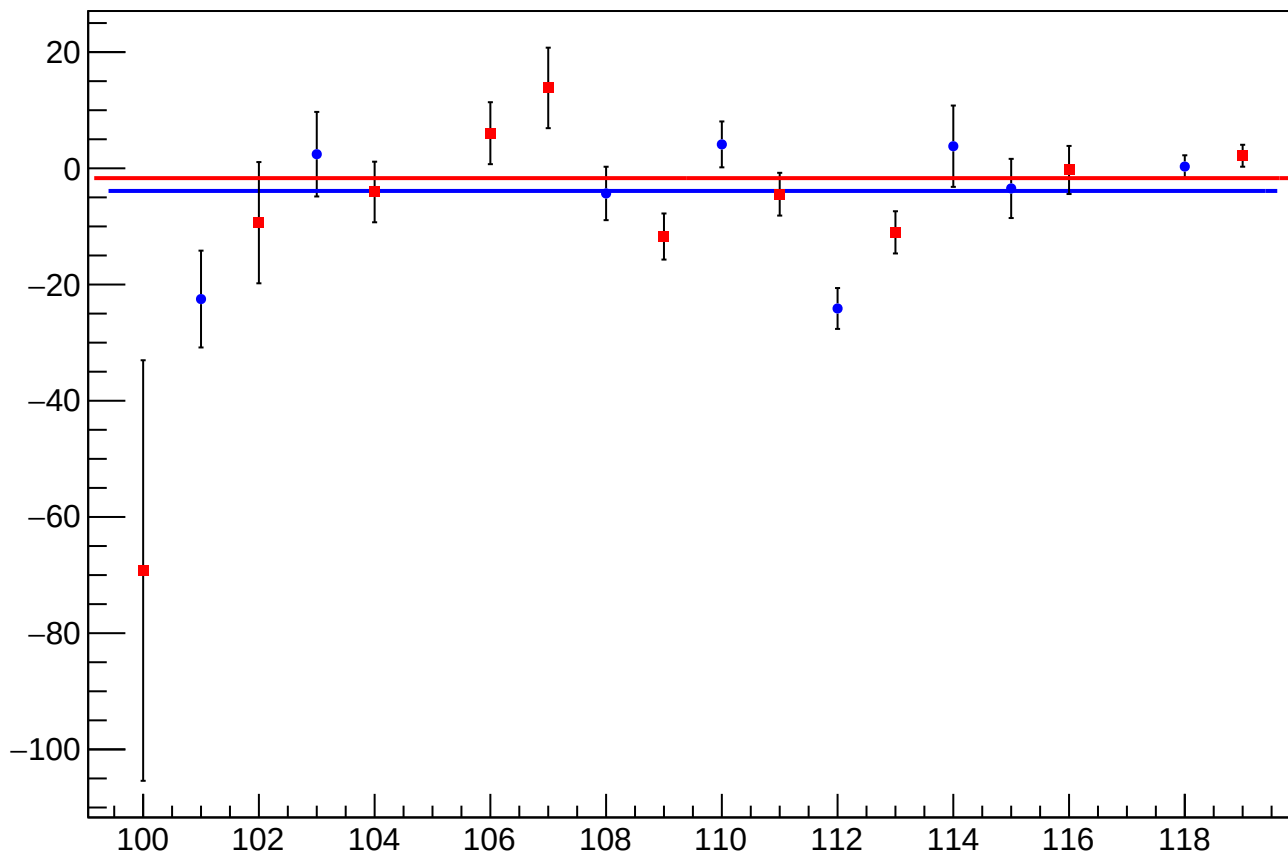
Right: 51.385+/-0.864 χ^2/NDF : 4307.6/17

In: 47.589+/-1.310 χ^2/NDF : 1848.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.385+/-0.864 χ^2/NDF : 4307.6/17

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -3.893+/-1.348 χ^2/NDF : 48.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.688+/-1.235 χ^2/NDF : 29.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

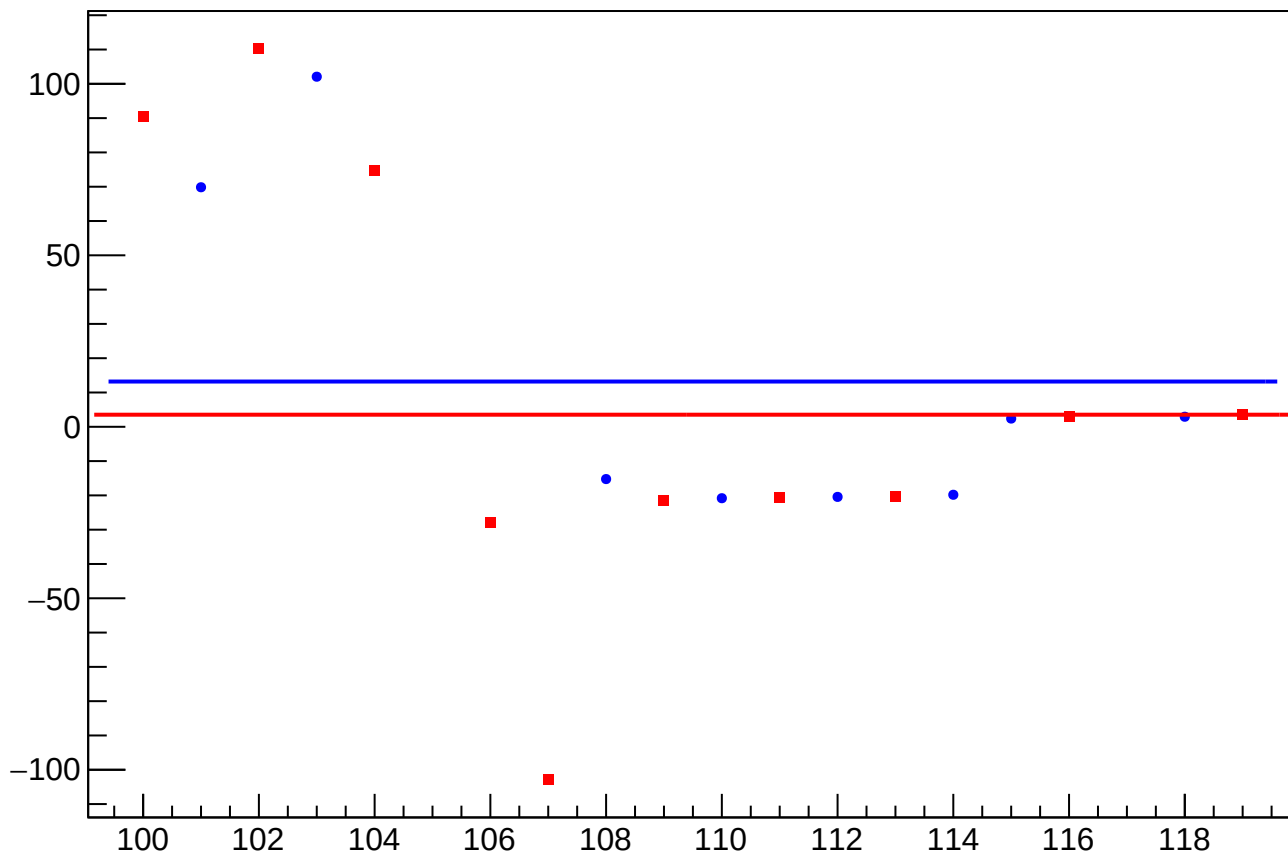
Right: -2.695+/-0.911 χ^2/NDF : 79.5/17

In: -3.893+/-1.348 χ^2/NDF : 48.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.695+/-0.911 χ^2/NDF : 79.5/17

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.197+/-0.083 χ^2/NDF : 312349.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.526+/-0.075 χ^2/NDF : 434078.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

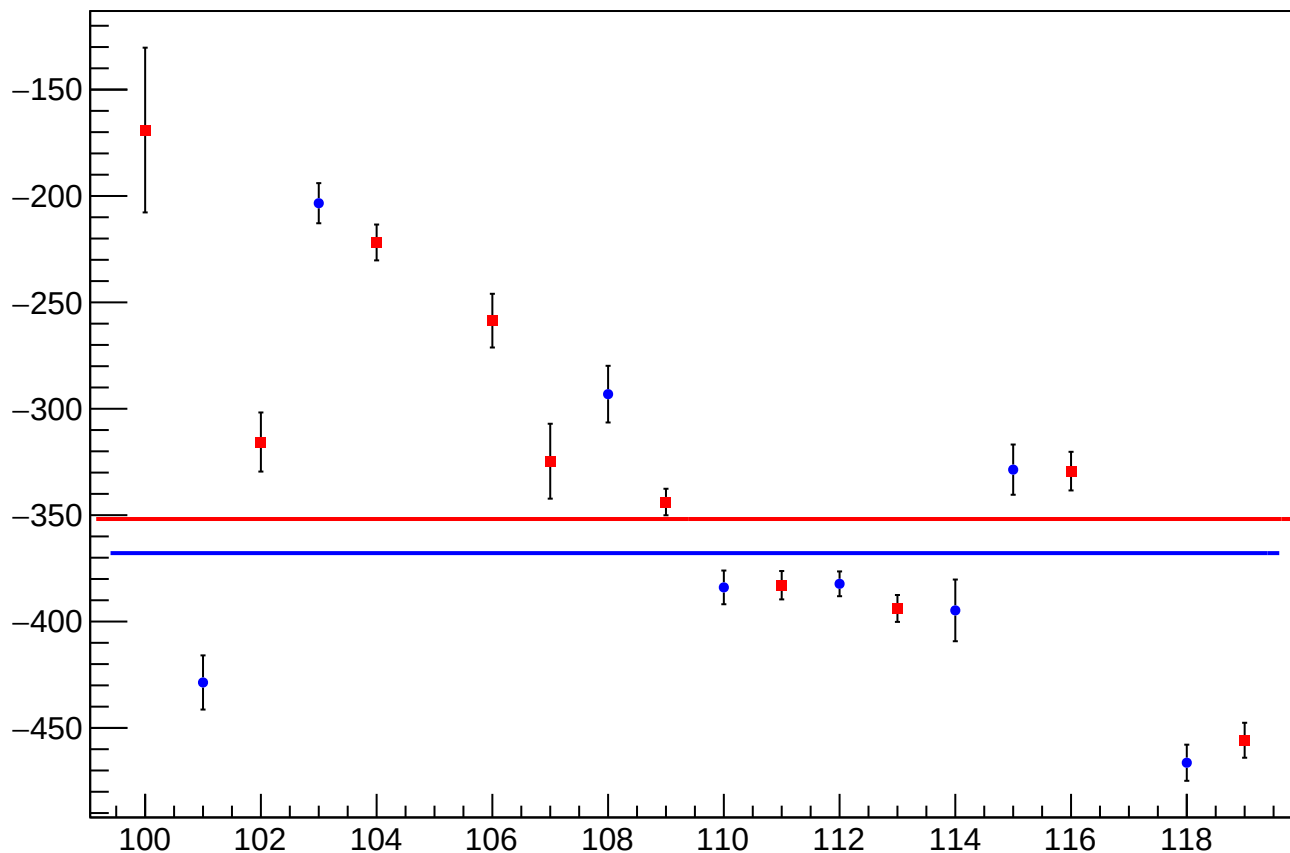
Right: 7.900+/-0.056 χ^2/NDF : 753918.7/17

In: 13.197+/-0.083 χ^2/NDF : 312349.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.900+/-0.056 χ^2/NDF : 753918.7/17

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -367.843+/-3.257 χ^2/NDF : 517.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -351.812+/-2.777 χ^2/NDF : 558.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

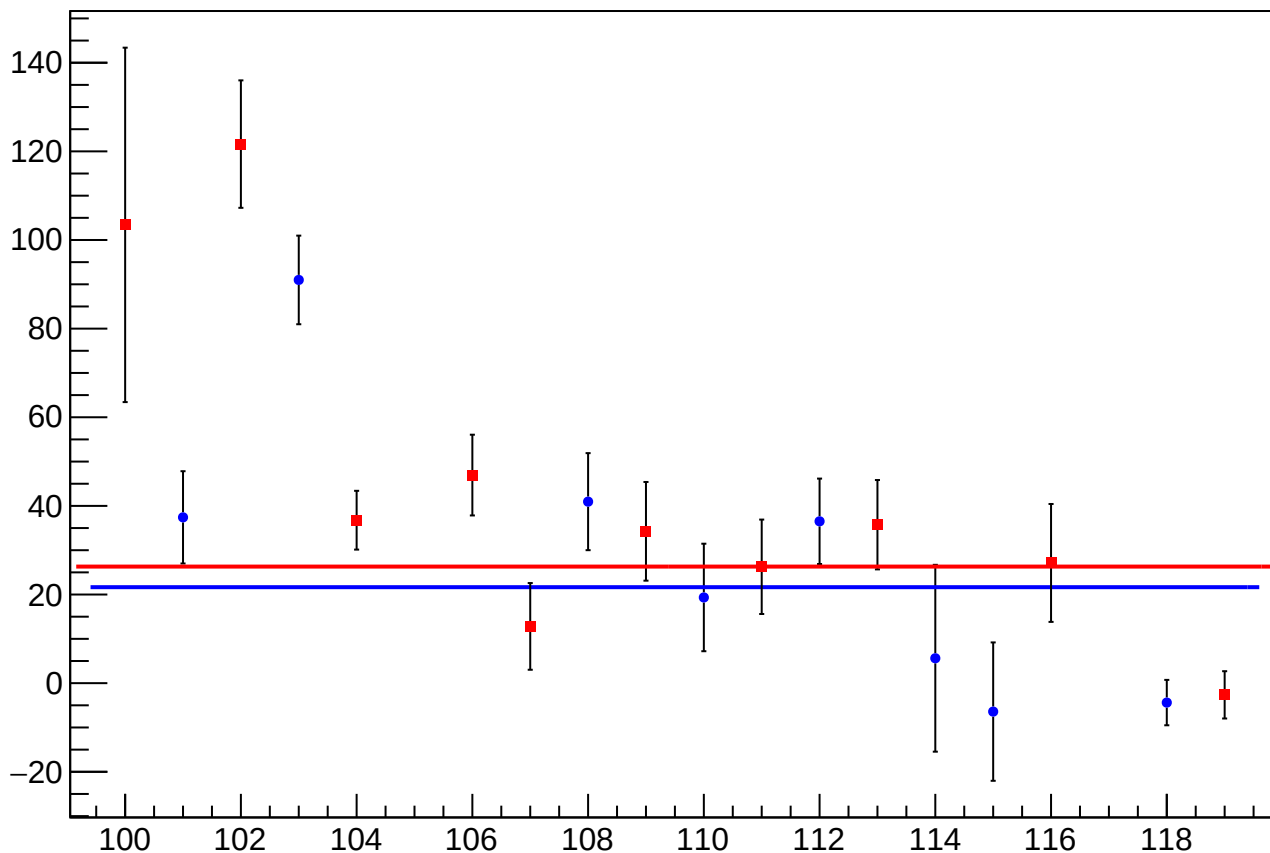
Right: -358.560+/-2.113 χ^2/NDF : 1090.0/17

In: -367.843+/-3.257 χ^2/NDF : 517.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.560+/-2.113 χ^2/NDF : 1090.0/17

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 21.658+/-3.340 χ^2/NDF : 85.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.306+/-2.909 χ^2/NDF : 88.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

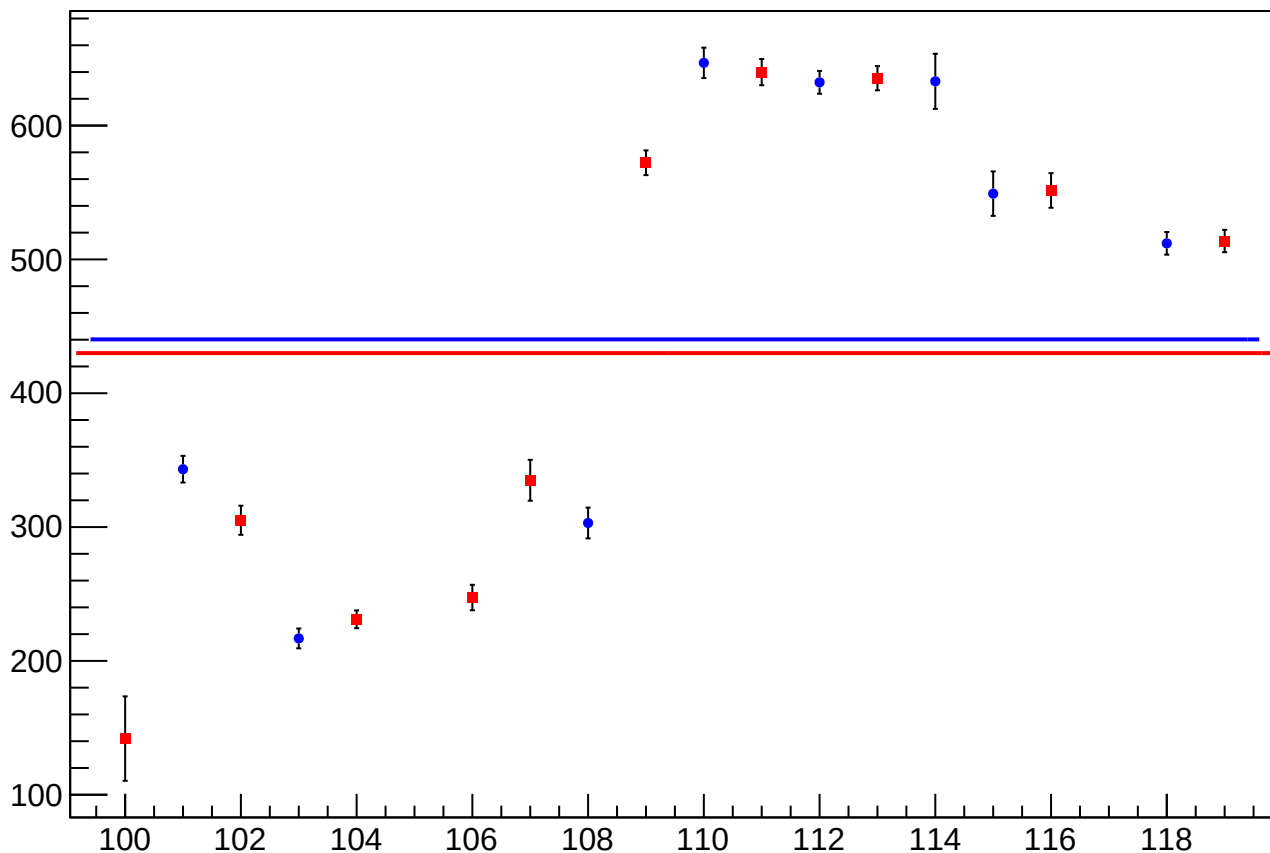
Right: 24.301+/-2.194 χ^2/NDF : 174.7/17

In: 21.658+/-3.340 χ^2/NDF : 85.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.301+/-2.194 χ^2/NDF : 174.7/17

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 440.236+/-3.595 χ^2/NDF : 2190.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 429.984+/-3.130 χ^2/NDF : 2919.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

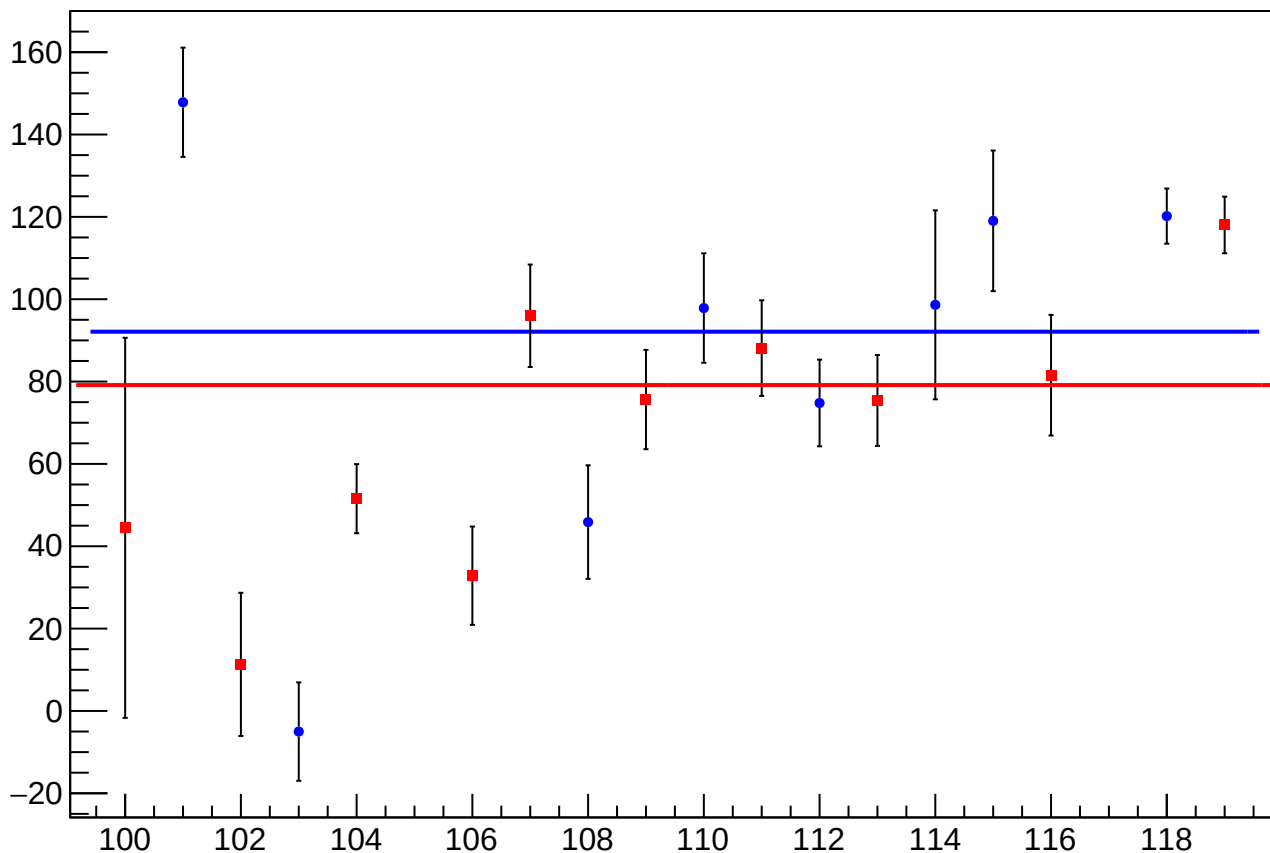
Right: 434.404+/-2.360 χ^2/NDF : 5113.9/17

In: 440.236+/-3.595 χ^2/NDF : 2190.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.404+/-2.360 χ^2/NDF : 5113.9/17

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 92.113+/-4.074 χ^2/NDF : 118.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.147+/-3.540 χ^2/NDF : 76.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

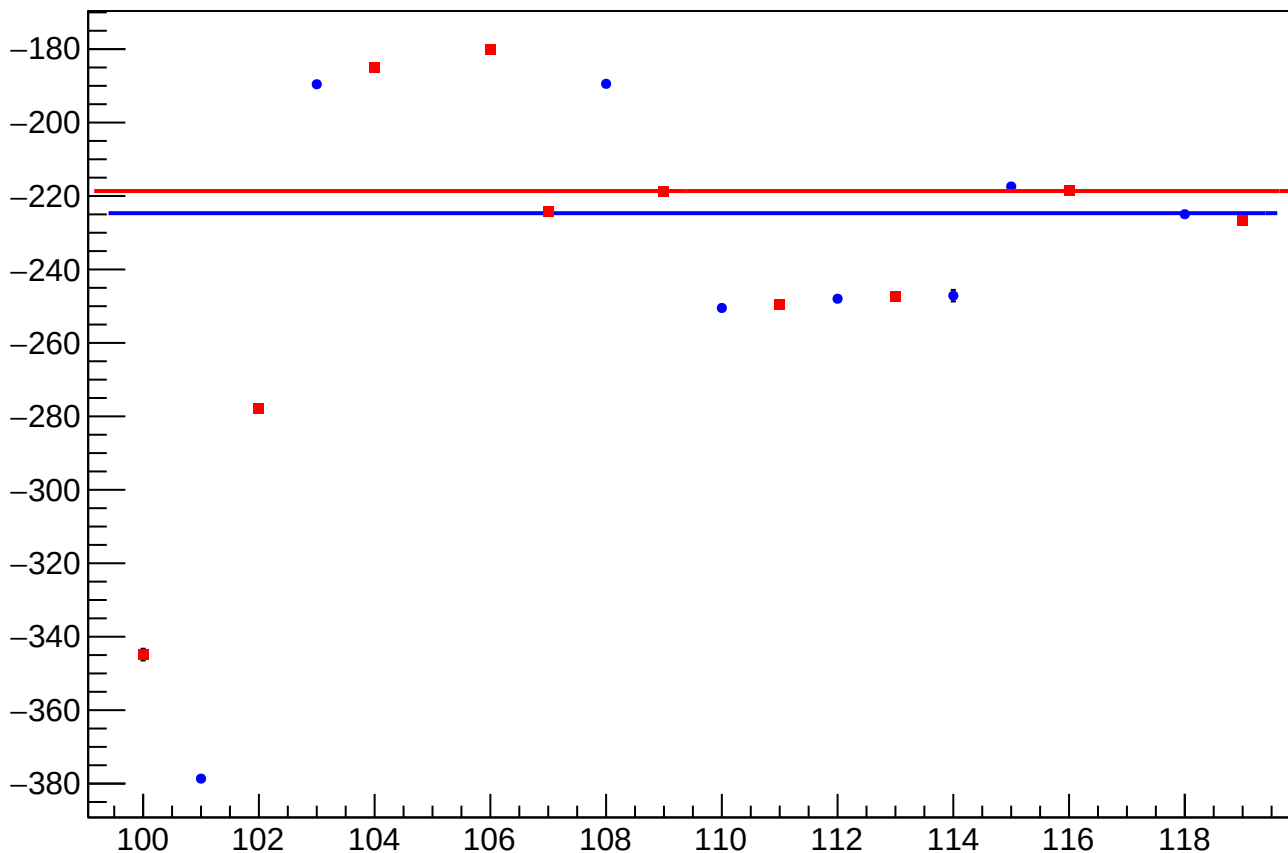
Right: 84.725+/-2.672 χ^2/NDF : 200.1/17

In: 92.113+/-4.074 χ^2/NDF : 118.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.725+/-2.672 χ^2/NDF : 200.1/17

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -224.673+/-0.203 χ^2/NDF : 87600.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.643+/-0.182 χ^2/NDF : 41837.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

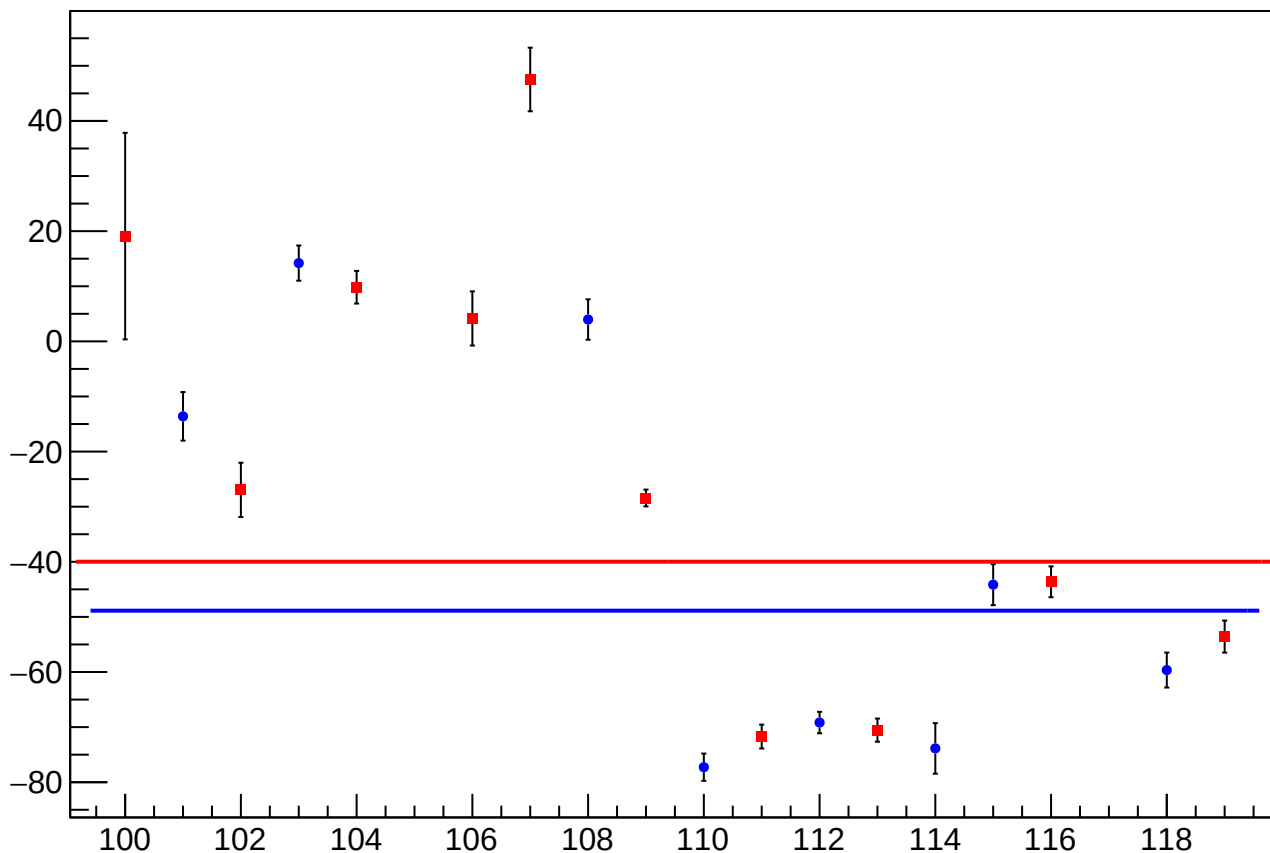
Right: -221.338+/-0.135 χ^2/NDF : 129927.6/17

In: -224.673+/-0.203 χ^2/NDF : 87600.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -221.338+/-0.135 χ^2/NDF : 129927.6/17

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -48.870 $\pm$ 1.071 χ^2 /NDF: 945.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -39.985 $\pm$ 0.862 χ^2 /NDF: 1118.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

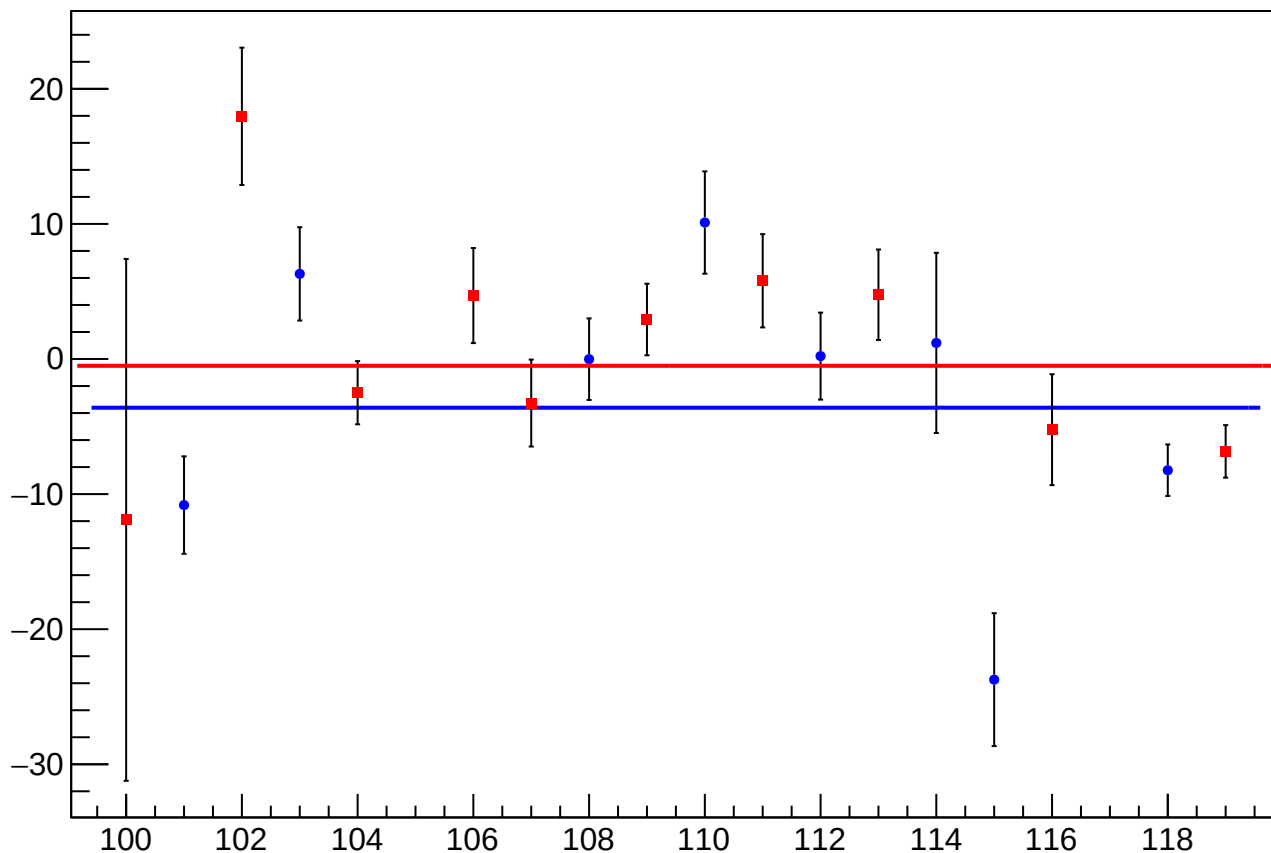
Right: -43.478 $\pm$ 0.672 χ^2 /NDF: 2105.6/17

In: -48.870 $\pm$ 1.071 χ^2 /NDF:945.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.478 $\pm$ 0.672 χ^2 /NDF: 2105.6/17

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.604 $\pm$ 1.136 χ^2 /NDF: 51.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.502 $\pm$ 0.980 χ^2 /NDF: 36.6/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

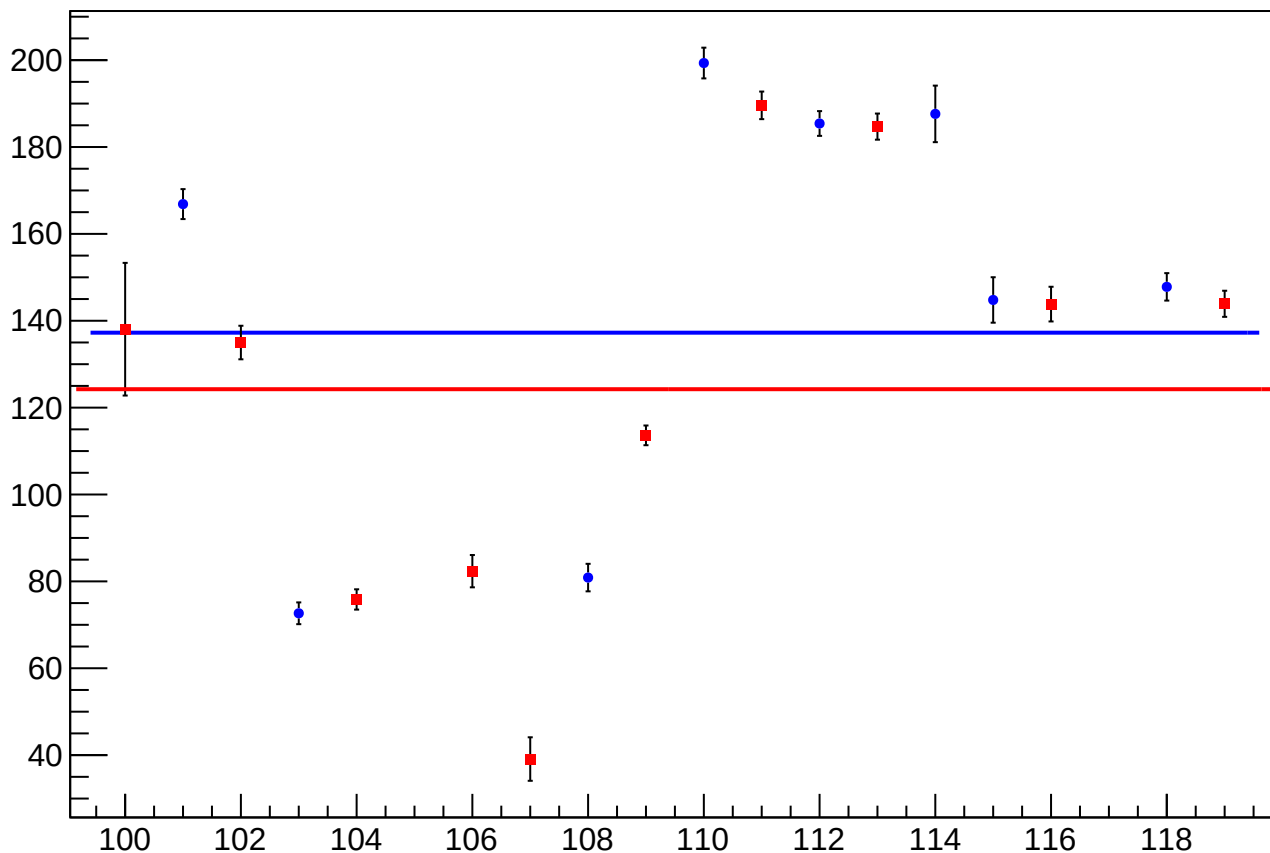
Right: -1.825 $\pm$ 0.742 χ^2 /NDF: 92.2/17

In: -3.604 $\pm$ 1.136 χ^2 /NDF:51.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.825 $\pm$ 0.742 χ^2 /NDF: 92.2/17

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 137.255+/-1.190 χ^2/NDF : 1721.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.243+/-1.029 χ^2/NDF : 1769.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

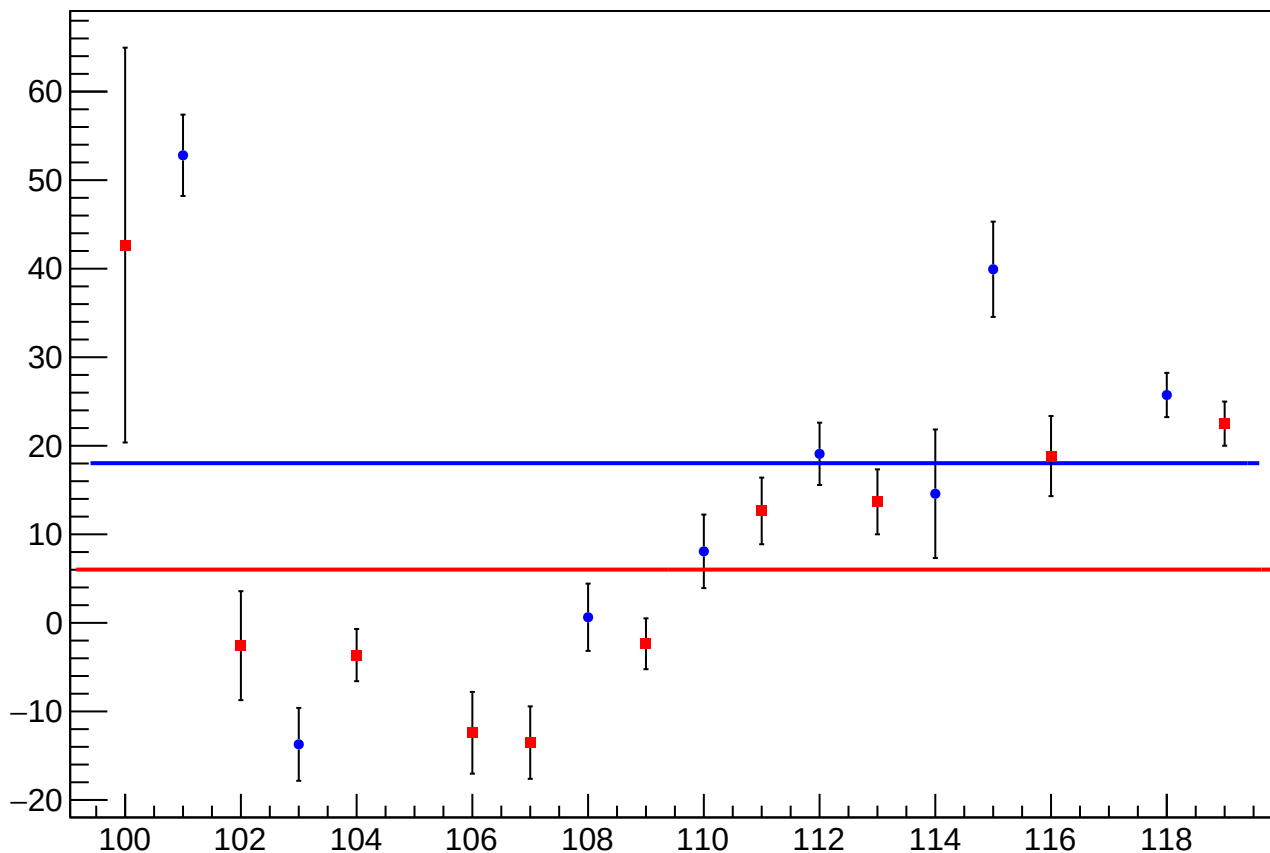
Right: 129.812+/-0.778 χ^2/NDF : 3559.5/17

In: 137.255+/-1.190 χ^2/NDF : 1721.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.812+/-0.778 χ^2/NDF : 3559.5/17

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 18.035+/-1.376 χ^2/NDF : 169.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.019+/-1.174 χ^2/NDF : 121.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

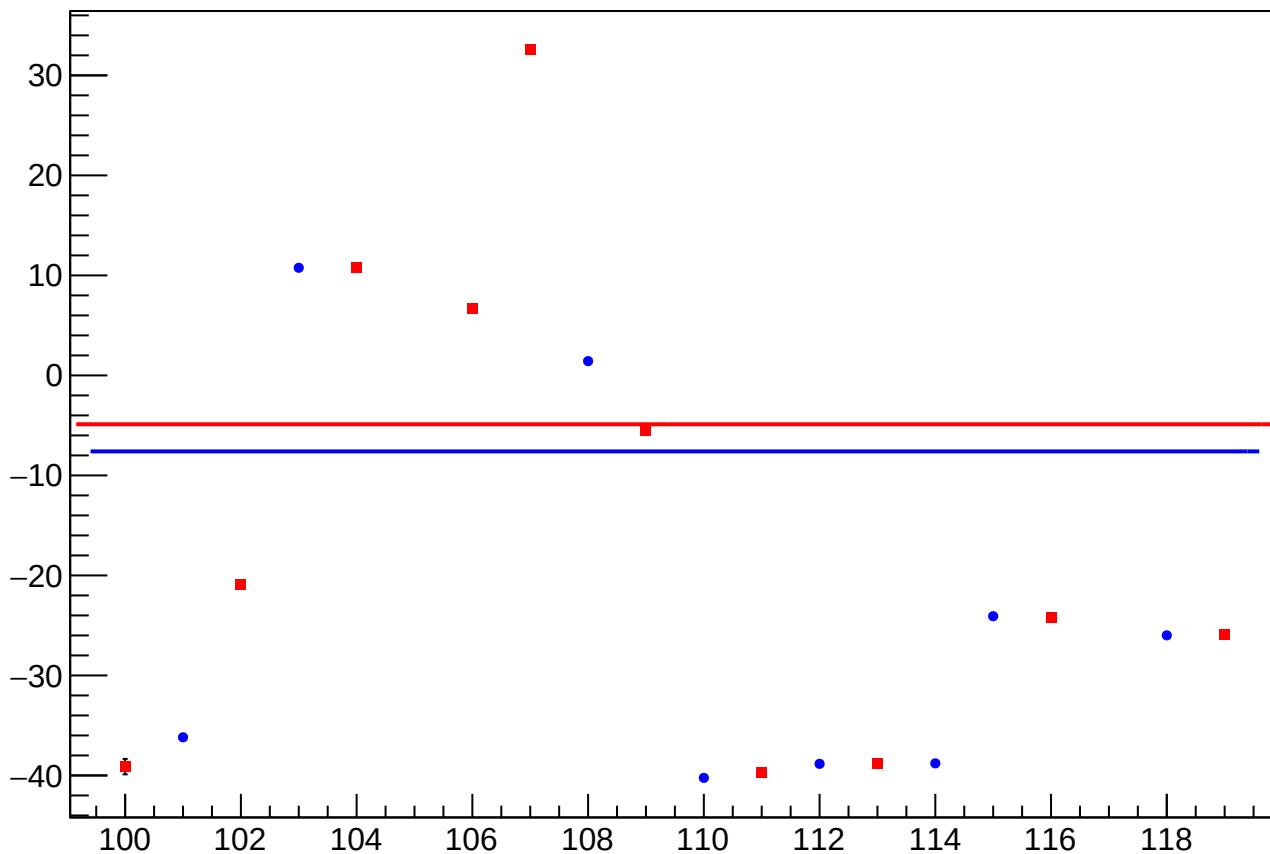
Right: 11.080+/-0.893 χ^2/NDF : 335.8/17

In: 18.035+/-1.376 χ^2/NDF : 169.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.080+/-0.893 χ^2/NDF : 335.8/17

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -7.597+/-0.065 χ^2/NDF : 98138.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.885+/-0.061 χ^2/NDF : 120907.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

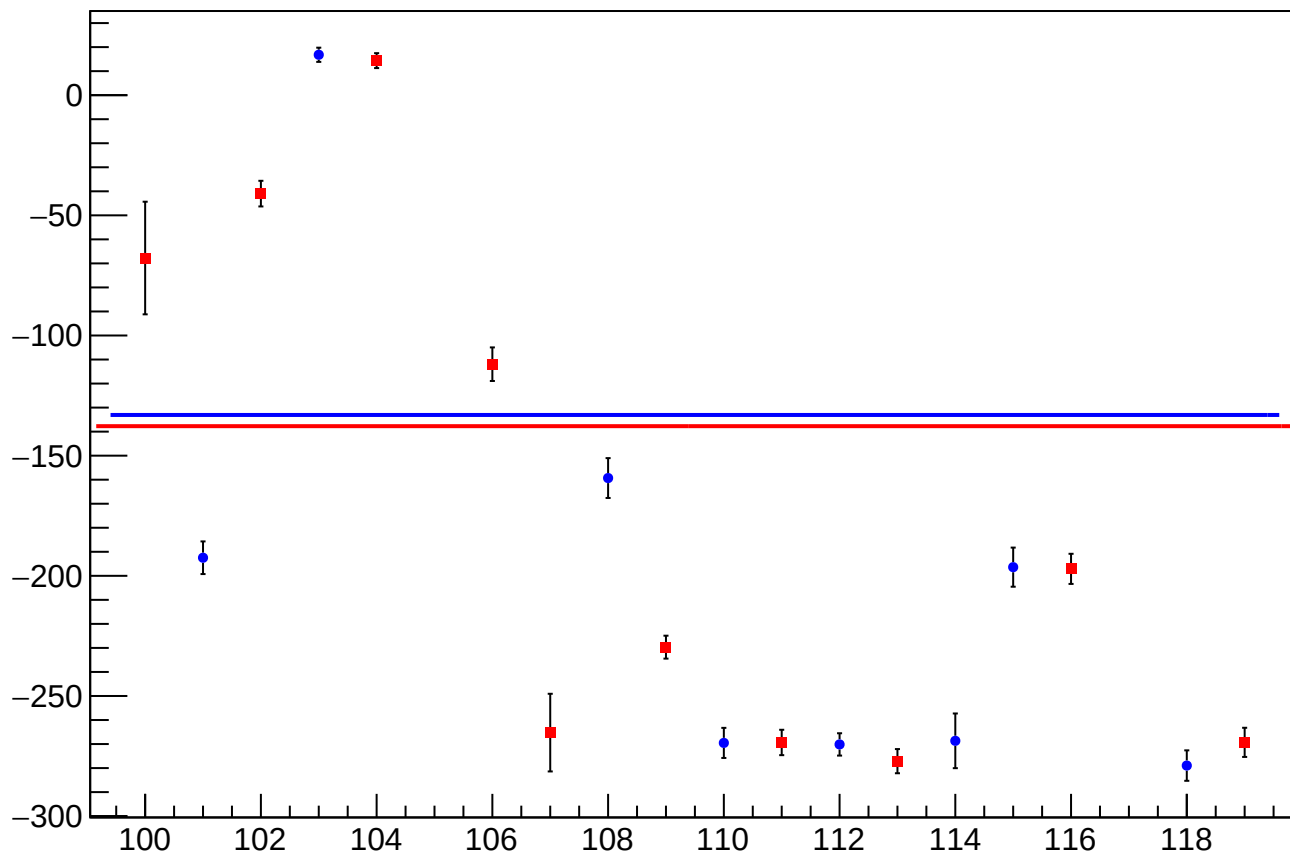
Right: -6.149+/-0.045 χ^2/NDF : 219961.6/17

In: -7.597+/-0.065 χ^2/NDF : 98138.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.149+/-0.045 χ^2/NDF : 219961.6/17

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -133.065+/-1.924 χ^2/NDF : 4735.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -137.729+/-1.722 χ^2/NDF : 5137.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

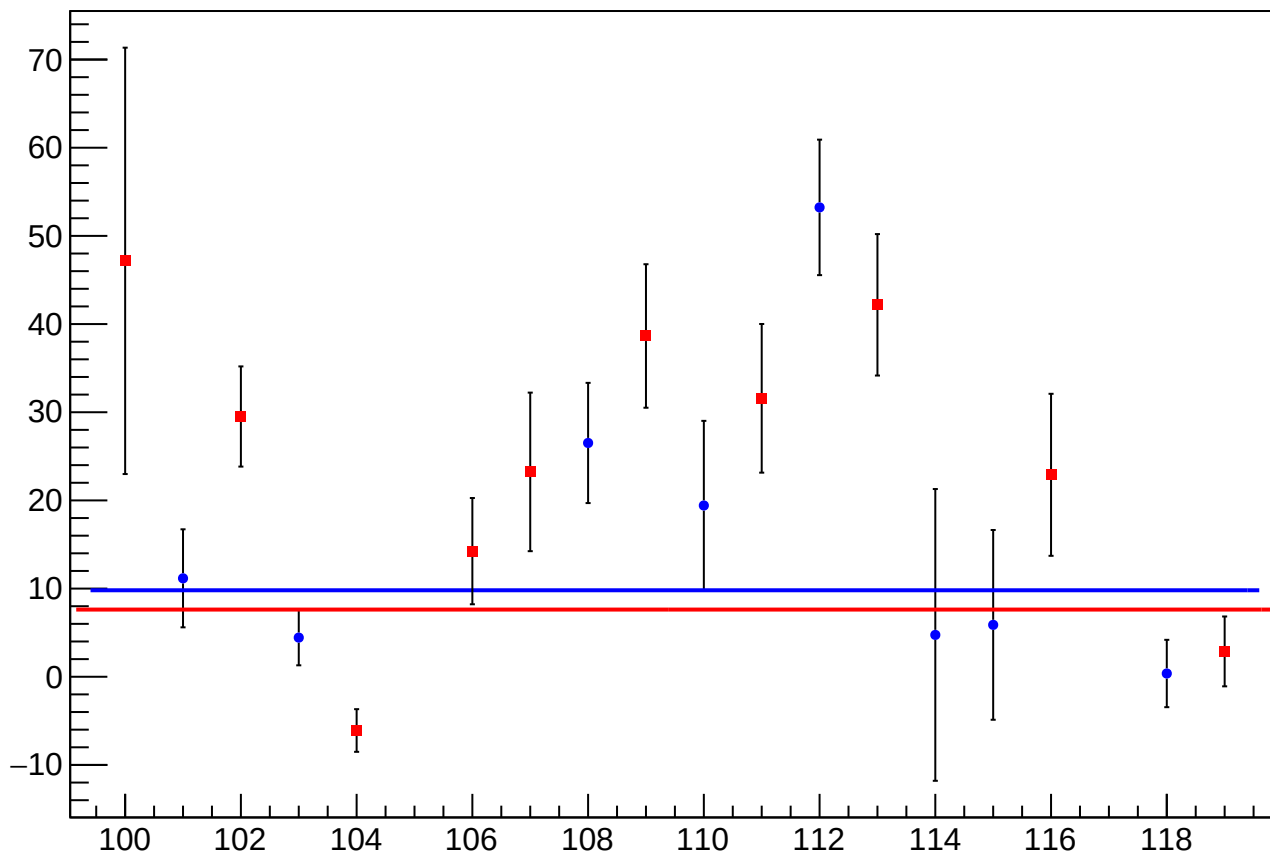
Right: -135.654+/-1.283 χ^2/NDF : 9875.6/17

In: -133.065+/-1.924 χ^2/NDF : 4735.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -135.654+/-1.283 χ^2/NDF : 9875.6/17

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.809+/-1.947 χ^2/NDF : 48.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.620+/-1.658 χ^2/NDF : 99.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

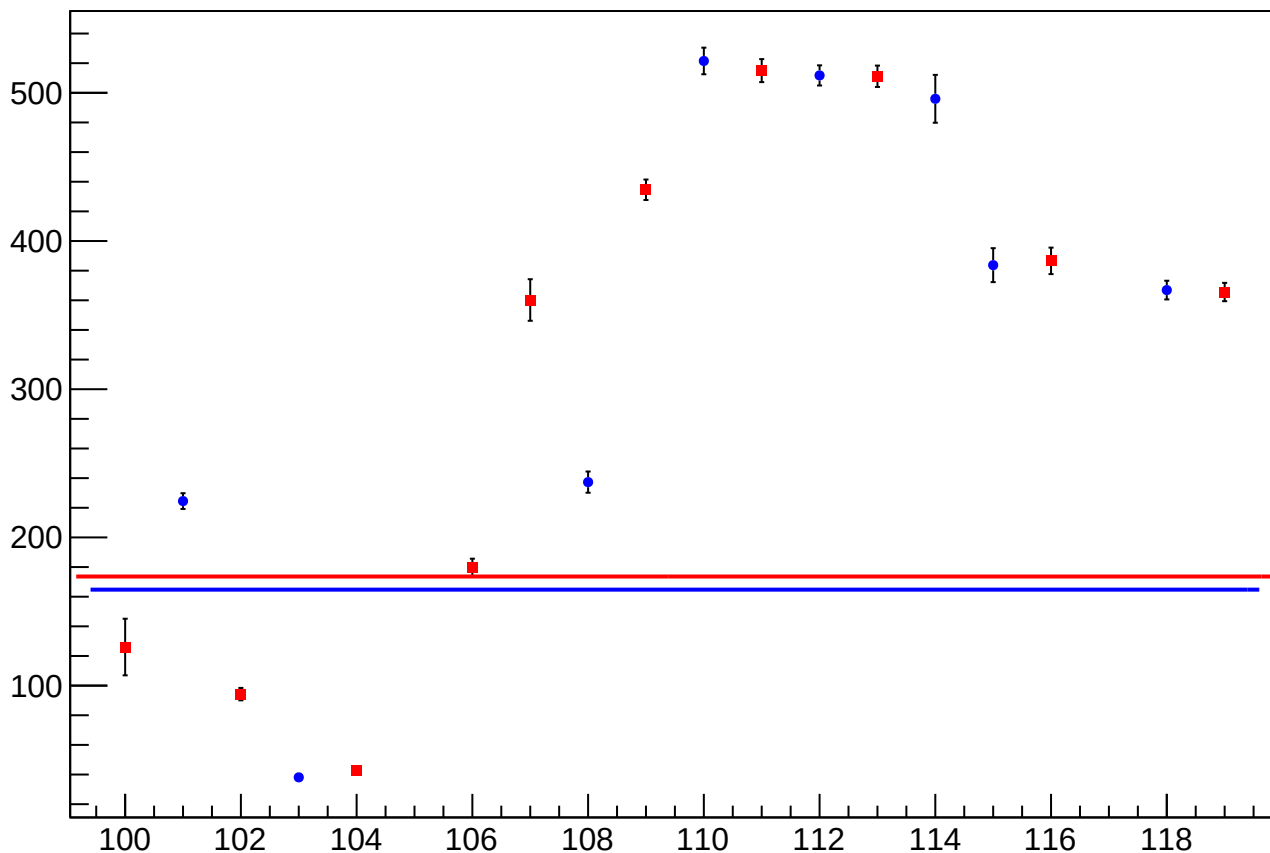
Right: 8.540+/-1.262 χ^2/NDF : 148.3/17

In: 9.809+/-1.947 χ^2/NDF : 48.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.540+/-1.262 χ^2/NDF : 148.3/17

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 164.761+/-1.793 χ^2/NDF : 9199.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 173.630+/-1.674 χ^2/NDF : 10484.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

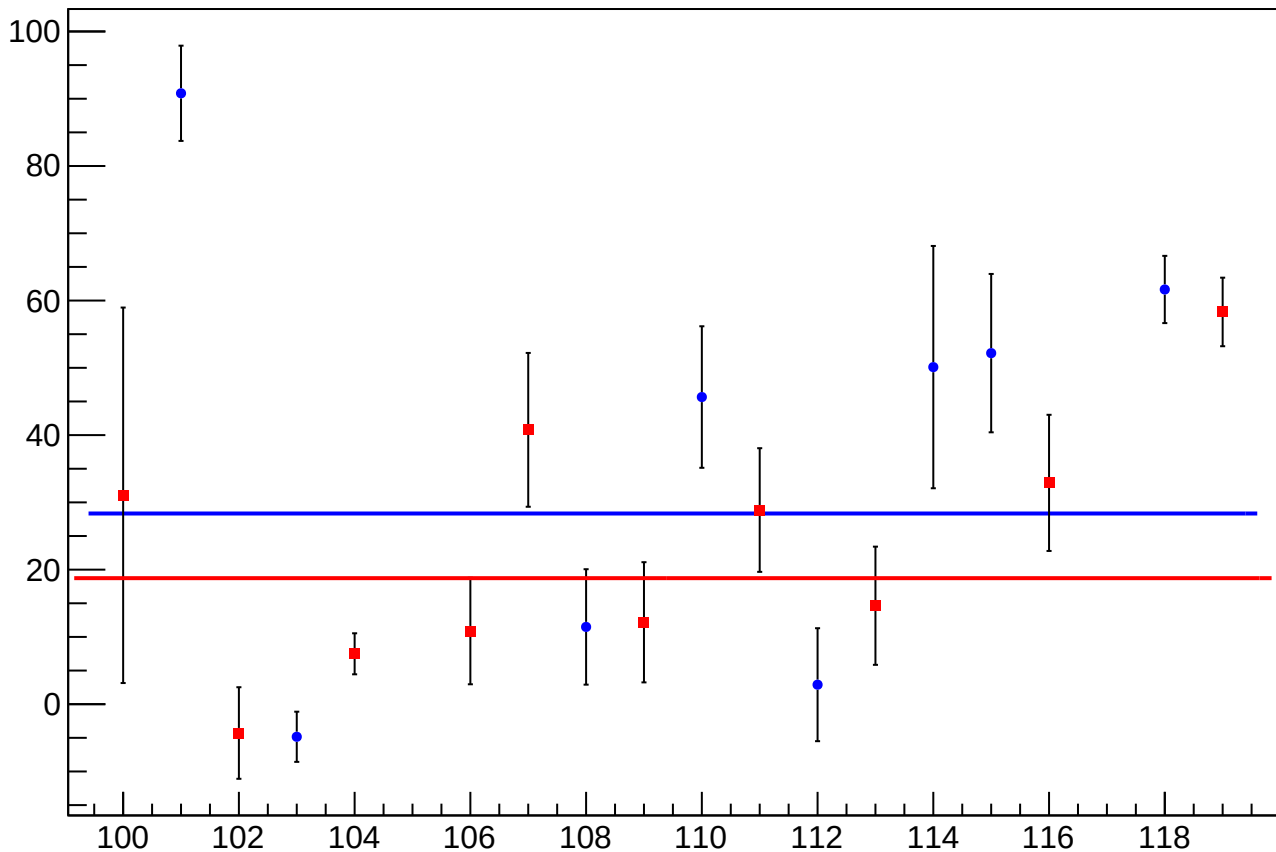
Right: 169.501+/-1.224 χ^2/NDF : 19696.5/17

In: 164.761+/-1.793 χ^2/NDF :9199.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 169.501+/-1.224 χ^2/NDF : 19696.5/17

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.346+/-2.364 χ^2/NDF : 222.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.735+/-2.043 χ^2/NDF : 94.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

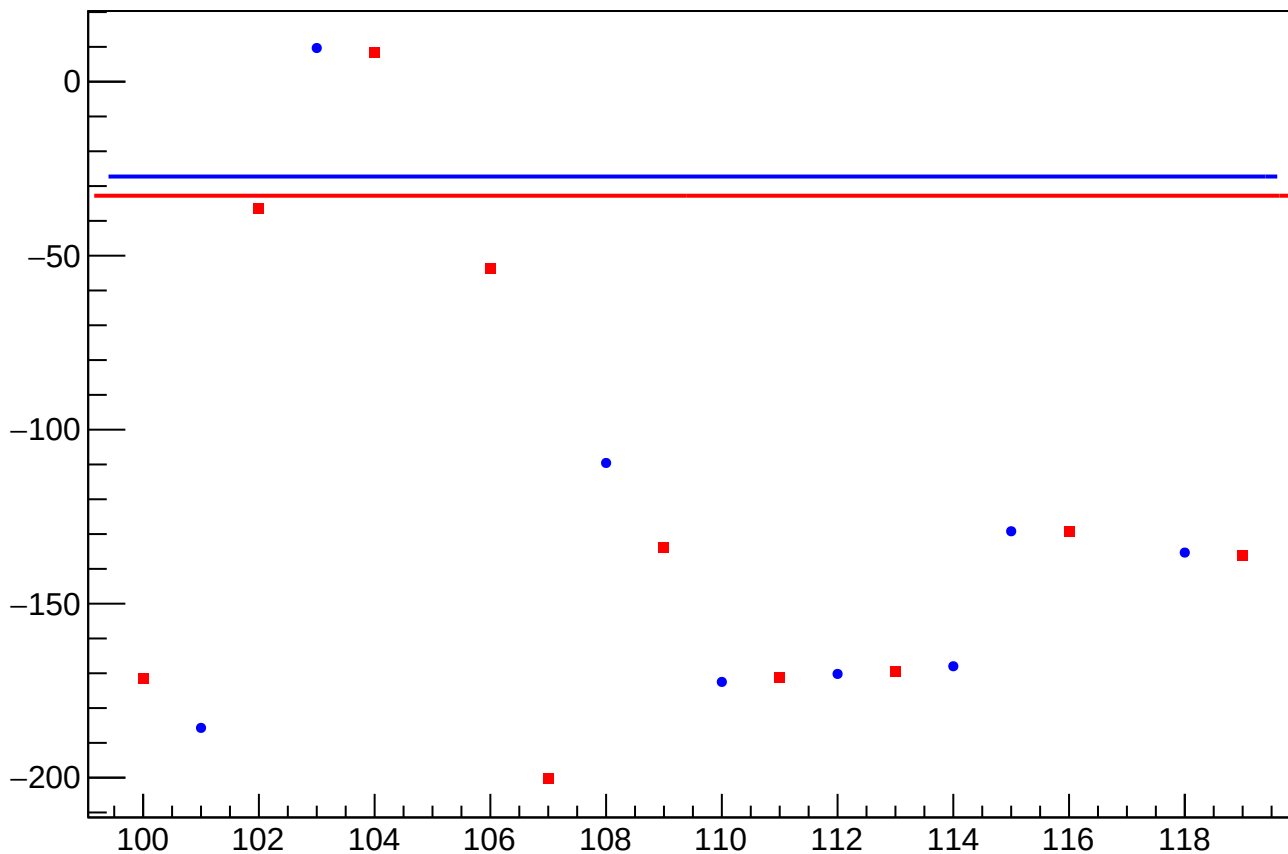
Right: 22.844+/-1.546 χ^2/NDF : 326.4/17

In: 28.346+/-2.364 χ^2/NDF : 222.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.844+/-1.546 χ^2/NDF : 326.4/17

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -27.258+/-0.084 χ^2/NDF : 660267.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.775+/-0.084 χ^2/NDF : 467104.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

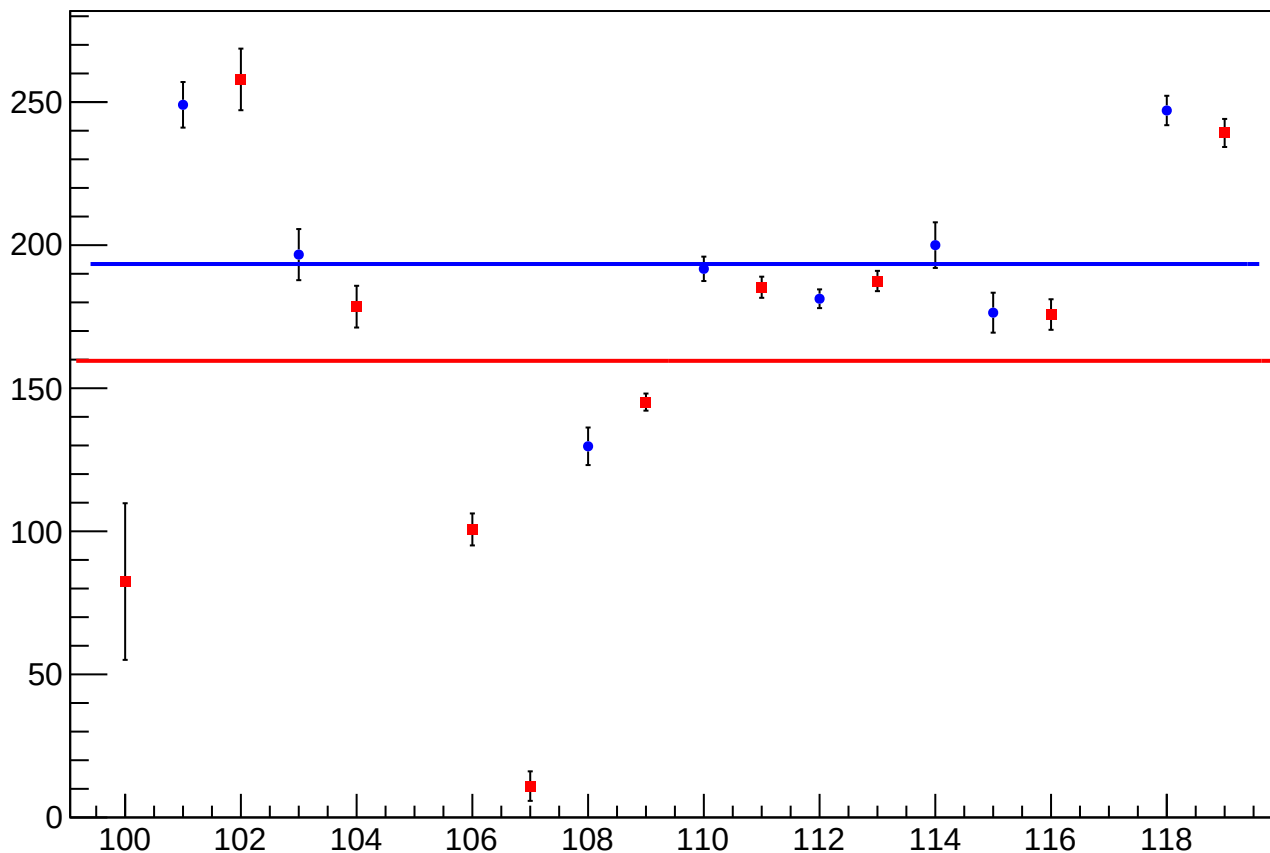
Right: -30.027+/-0.060 χ^2/NDF : 1129519.0/17

In: -27.258+/-0.084 χ^2/NDF : 660267.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.027+/-0.060 χ^2/NDF : 1129519.0/17

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 193.413+/-1.911 χ^2/NDF : 272.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.575+/-1.508 χ^2/NDF : 1445.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

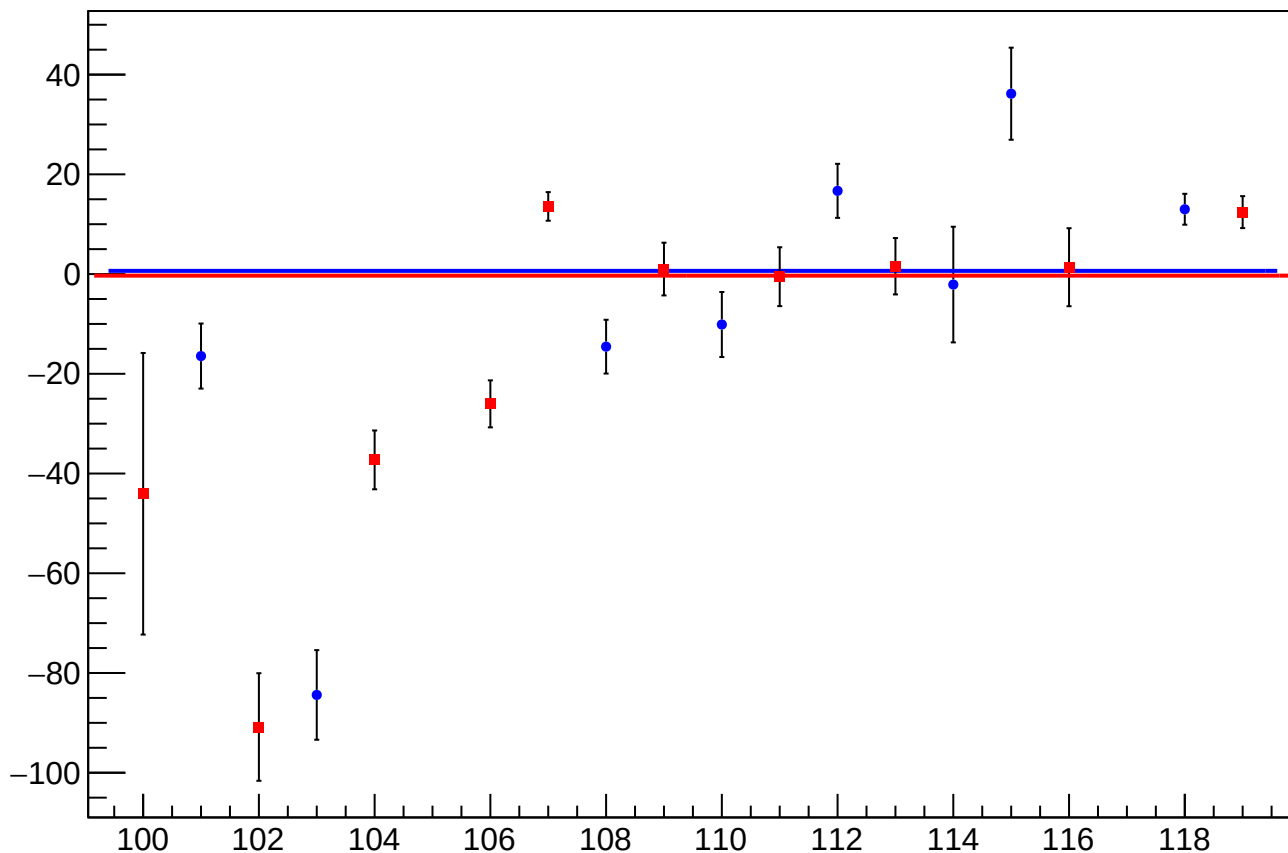
Right: 172.558+/-1.184 χ^2/NDF : 1911.5/17

In: 193.413+/-1.911 χ^2/NDF : 272.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.558+/-1.184 χ^2/NDF : 1911.5/17

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.645+/-1.995 χ^2/NDF : 146.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.313+/-1.553 χ^2/NDF : 181.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

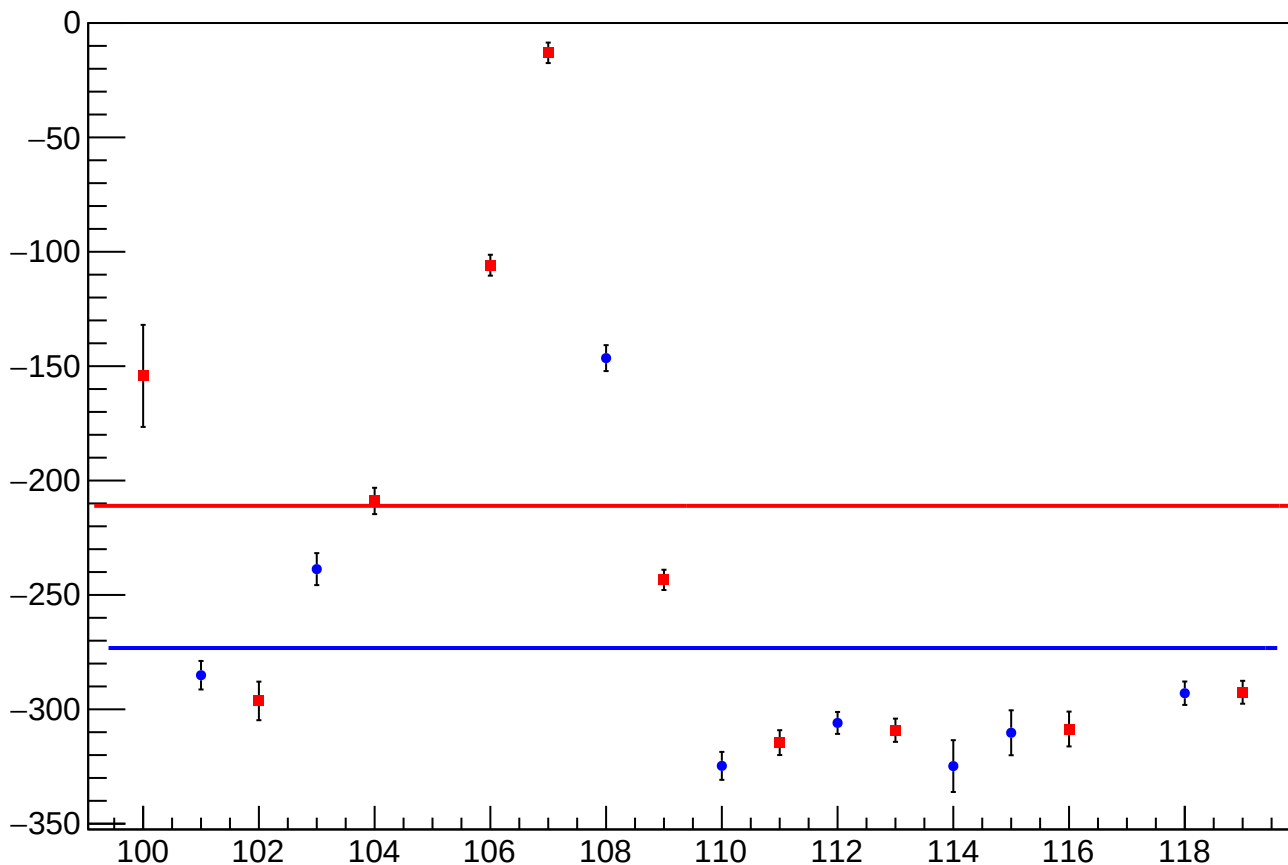
Right: 0.048+/-1.226 χ^2/NDF : 328.0/17

In: 0.645+/-1.995 χ^2/NDF : 146.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-1.226 χ^2/NDF : 328.0/17

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -273.202+/-2.214 χ^2/NDF : 695.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -211.053+/-1.754 χ^2/NDF : 3815.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

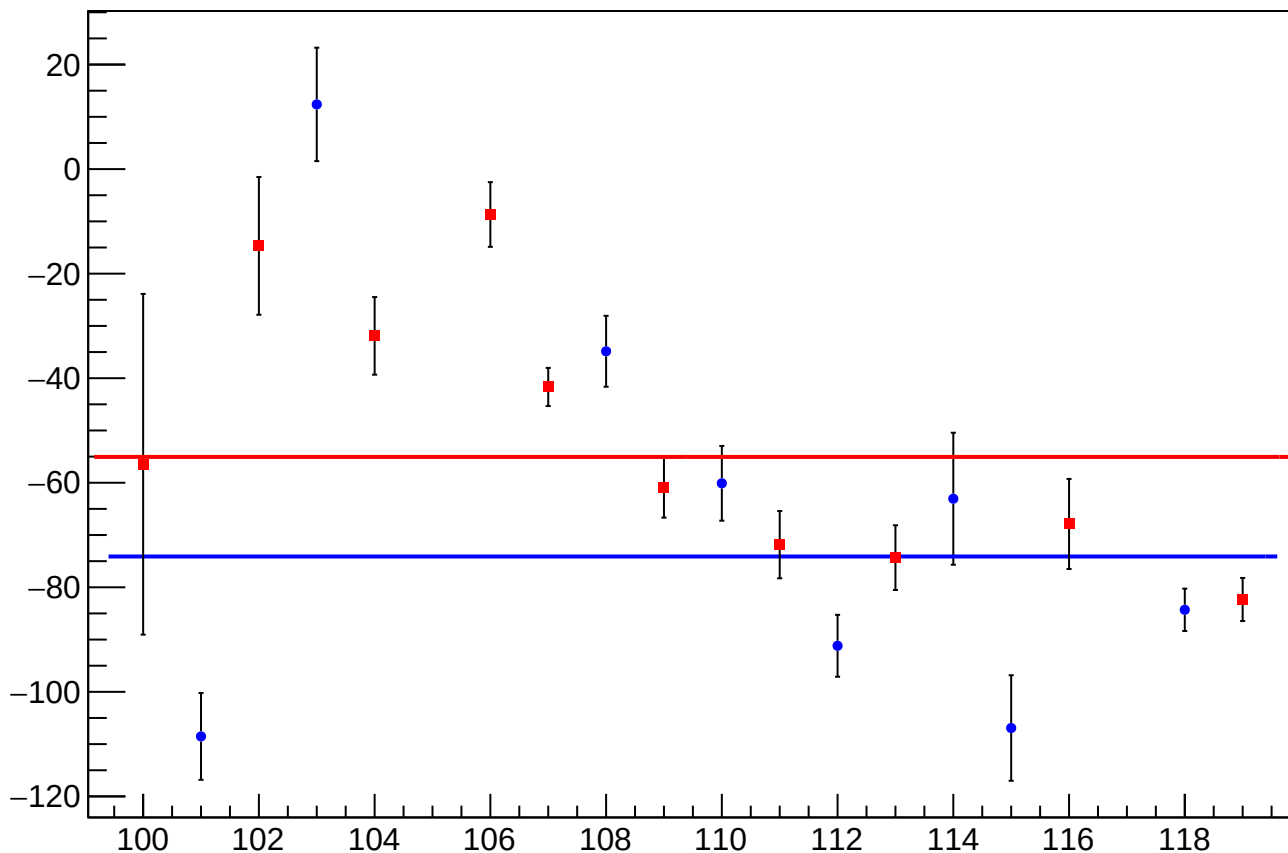
Right: -235.012+/-1.375 χ^2/NDF : 4995.5/17

In: -273.202+/-2.214 χ^2/NDF : 695.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.012+/-1.375 χ^2/NDF : 4995.5/17

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -74.105+/-2.427 χ^2/NDF : 143.9/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -55.056+/-1.893 χ^2/NDF : 152.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

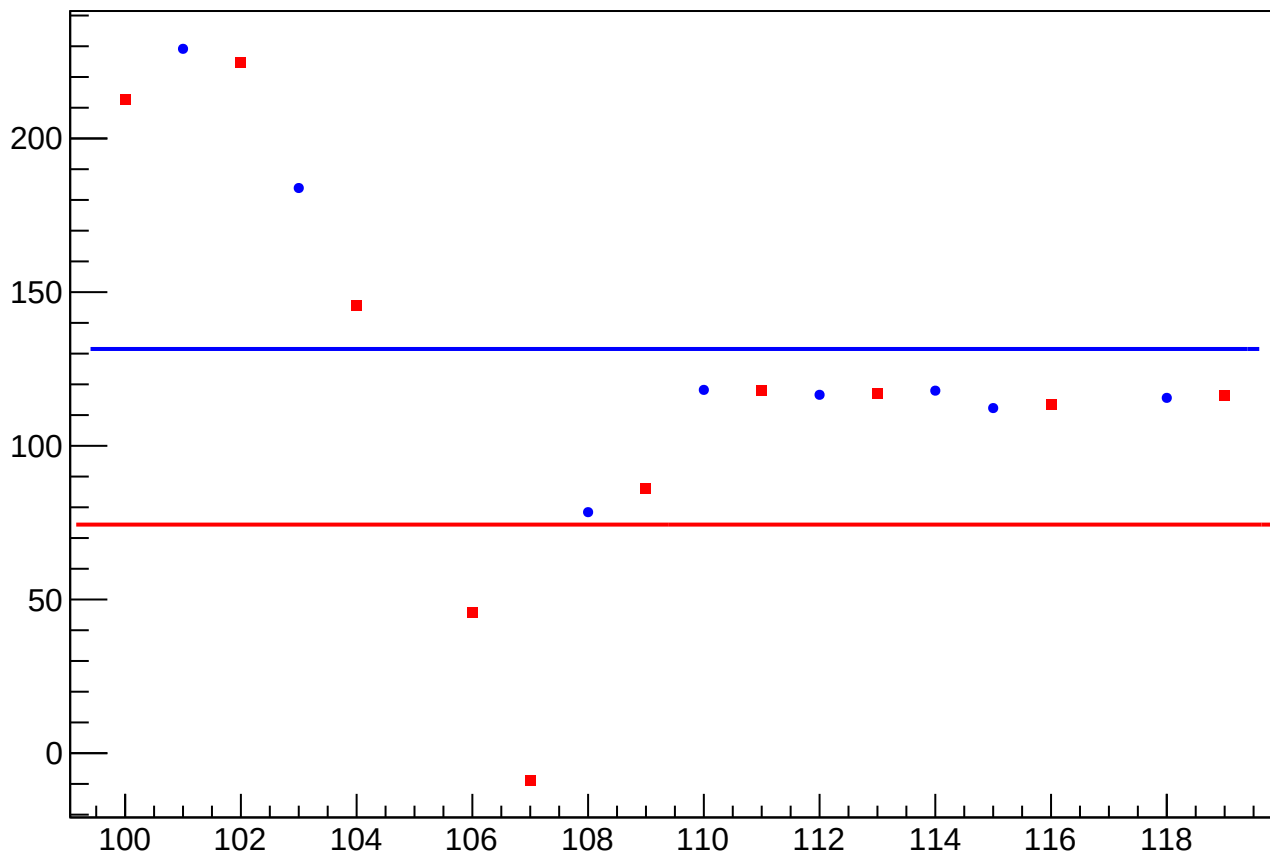
Right: -62.261+/-1.493 χ^2/NDF : 334.5/17

In: -74.105+/-2.427 χ^2/NDF :143.9/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -62.261+/-1.493 χ^2/NDF : 334.5/17

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 131.510+/-0.132 χ^2/NDF : 156762.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.372+/-0.098 χ^2/NDF : 509769.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

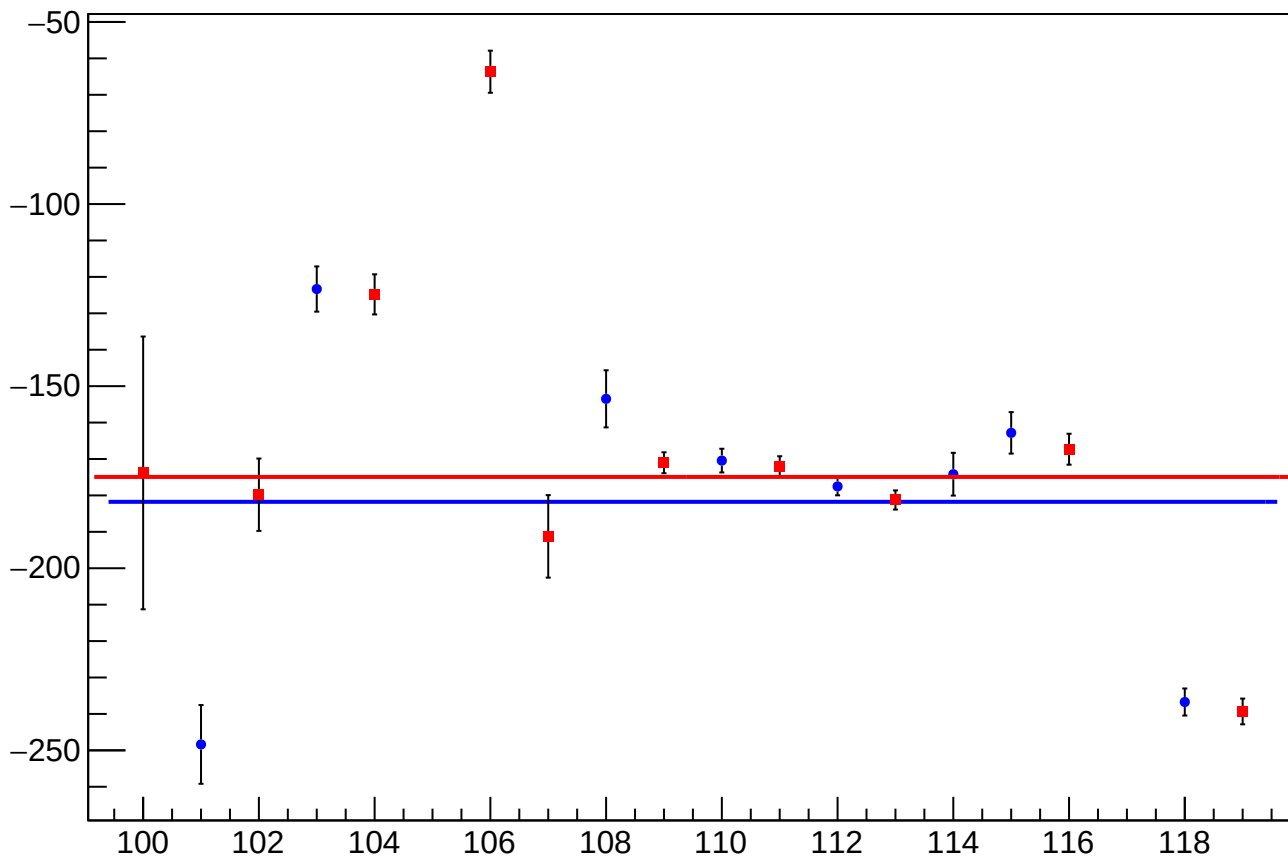
Right: 94.719+/-0.079 χ^2/NDF : 787222.6/17

In: 131.510+/-0.132 χ^2/NDF : 156762.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.719+/-0.079 χ^2/NDF : 787222.6/17

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -181.761+/-1.500 χ^2/NDF : 386.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.927+/-1.277 χ^2/NDF : 800.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

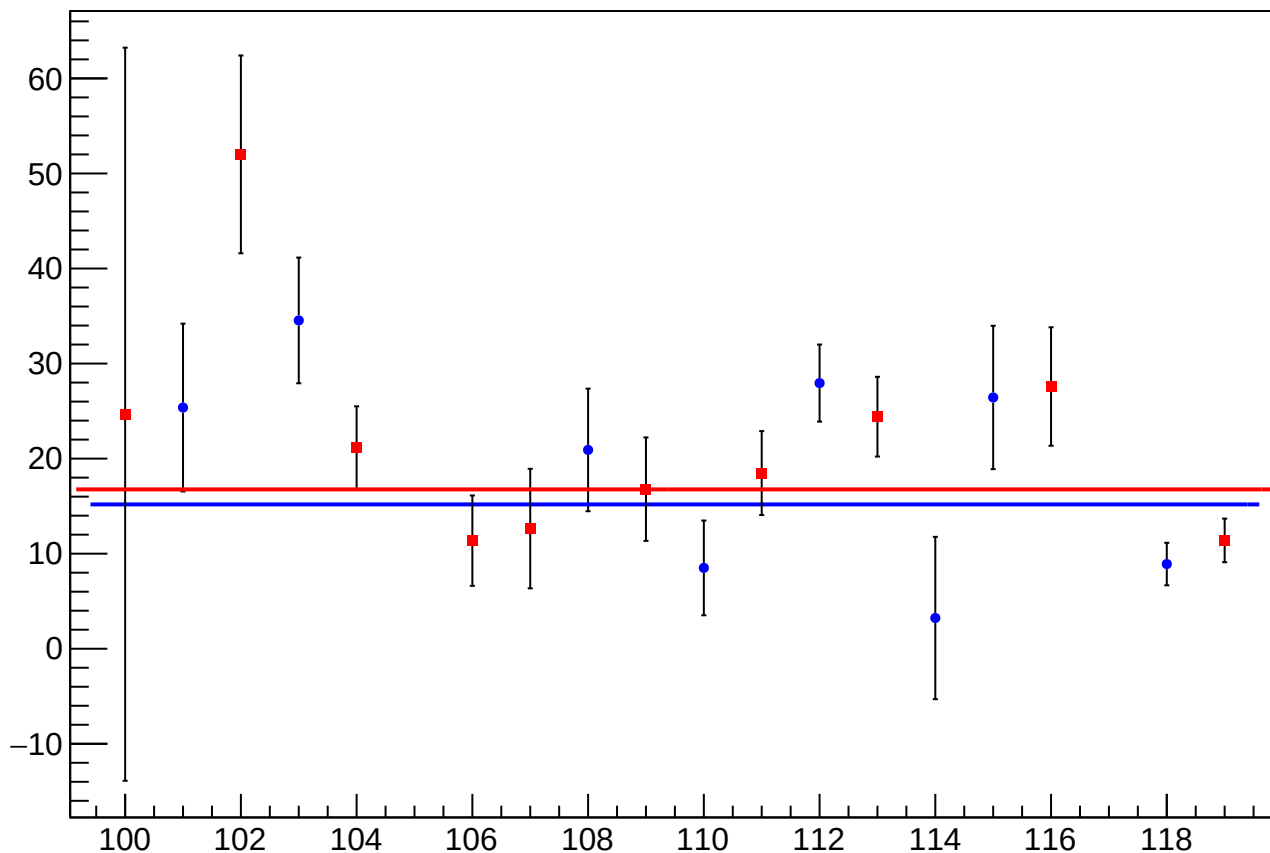
Right: -177.799+/-0.972 χ^2/NDF : 1199.0/17

In: -181.761+/-1.500 χ^2/NDF : 386.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.799+/-0.972 χ^2/NDF : 1199.0/17

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.182+/-1.597 χ^2/NDF : 34.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.762+/-1.428 χ^2/NDF : 26.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

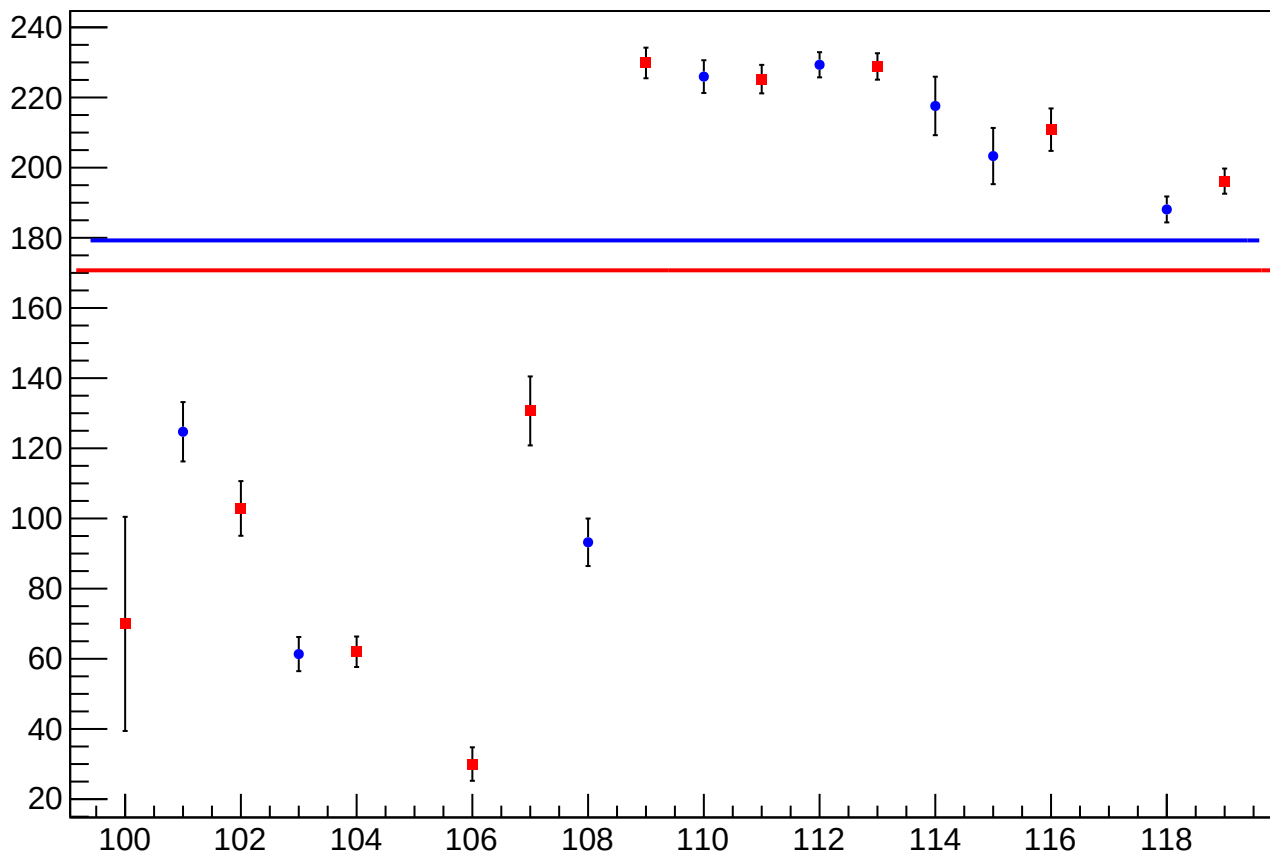
Right: 16.060+/-1.065 χ^2/NDF : 61.2/17

In: 15.182+/-1.597 χ^2/NDF : 34.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.060+/-1.065 χ^2/NDF : 61.2/17

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 179.258+/-1.812 χ^2/NDF : 1119.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.733+/-1.555 χ^2/NDF : 2295.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

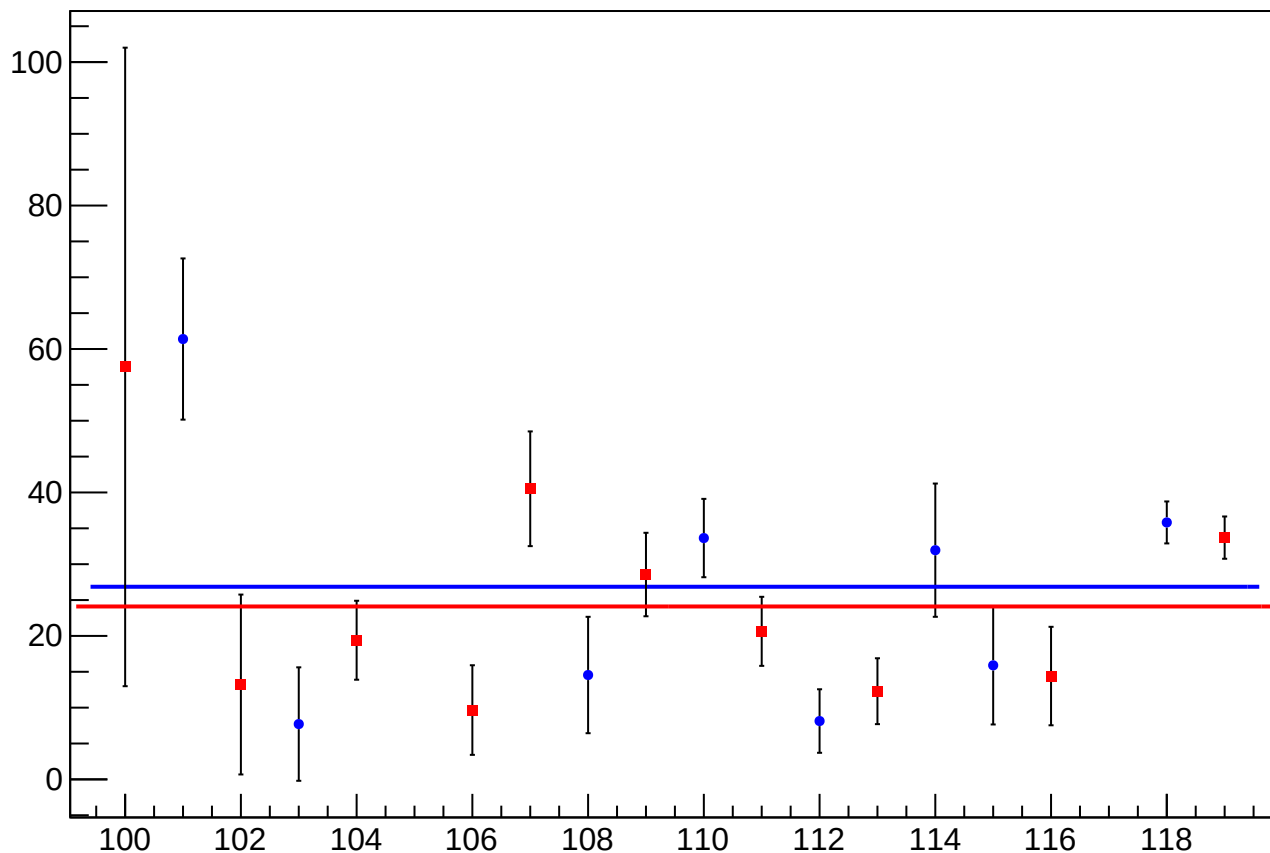
Right: 174.349+/-1.180 χ^2/NDF : 3428.1/17

In: 179.258+/-1.812 χ^2/NDF : 1119.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.349+/-1.180 χ^2/NDF : 3428.1/17

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 26.855+/-1.936 χ^2/NDF : 48.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.105+/-1.721 χ^2/NDF : 31.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

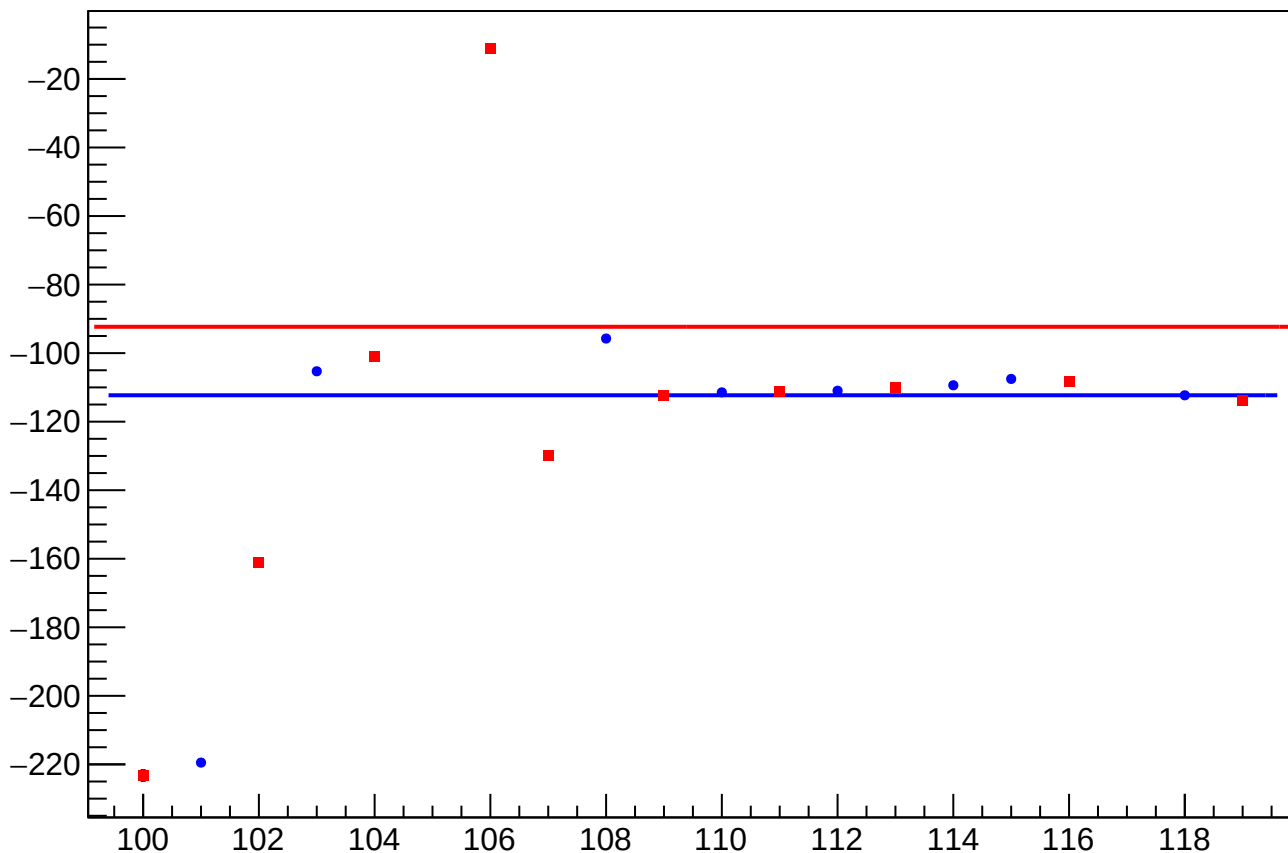
Right: 25.318+/-1.286 χ^2/NDF : 81.5/17

In: 26.855+/-1.936 χ^2/NDF : 48.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.318+/-1.286 χ^2/NDF : 81.5/17

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -112.297+/-0.114 χ^2/NDF : 50331.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -92.312+/-0.094 χ^2/NDF : 243488.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

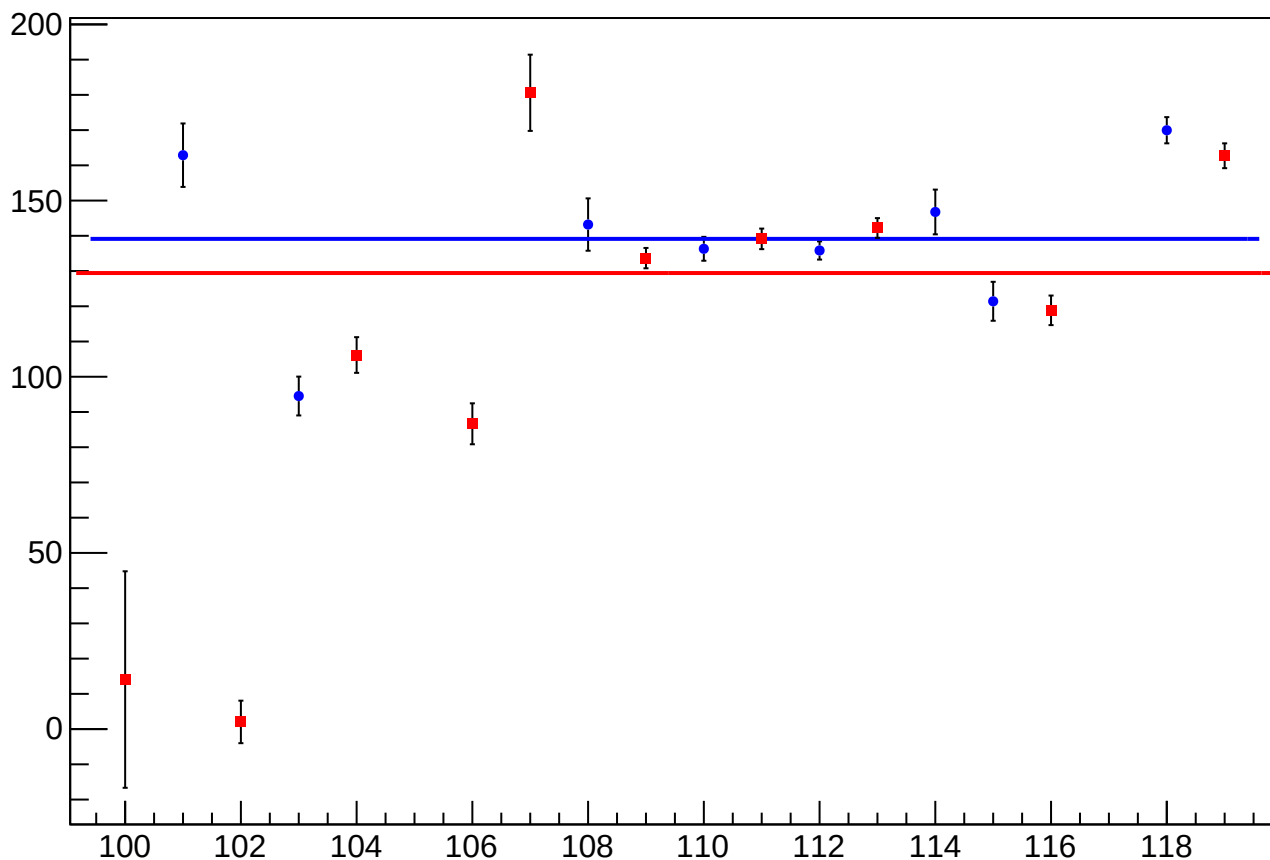
Right: -100.478+/-0.073 χ^2/NDF : 312099.5/17

In: -112.297+/-0.114 χ^2/NDF :50331.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -100.478+/-0.073 χ^2/NDF : 312099.5/17

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.131+/-1.525 χ^2 /NDF: 155.5/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 129.436+/-1.282 χ^2 /NDF: 687.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

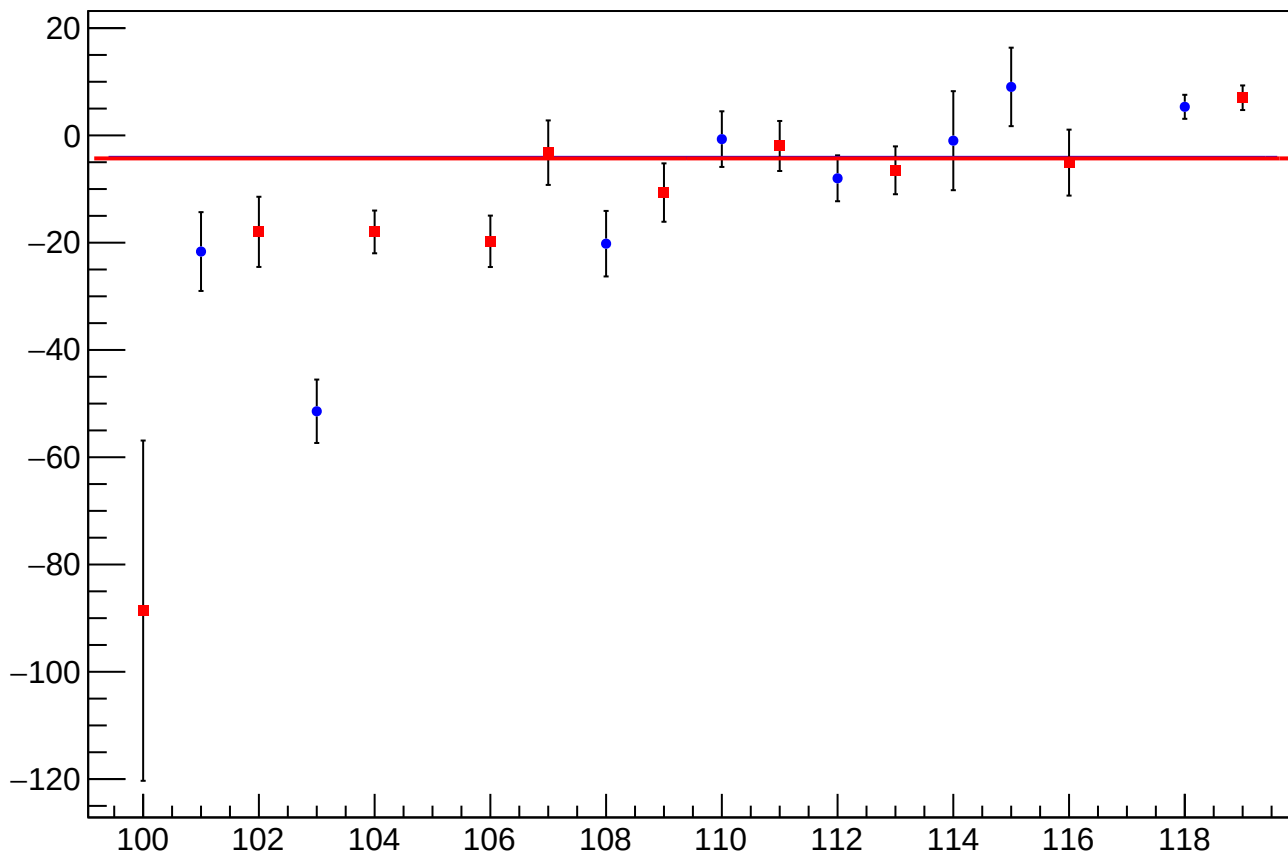
Right: 133.451+/-0.981 χ^2 /NDF: 866.8/17

In: 139.131+/-1.525 χ^2 /NDF:155.5/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 133.451+/-0.981 χ^2 /NDF: 866.8/17

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.184+/-1.590 χ^2 /NDF: 99.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.289+/-1.407 χ^2 /NDF: 59.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

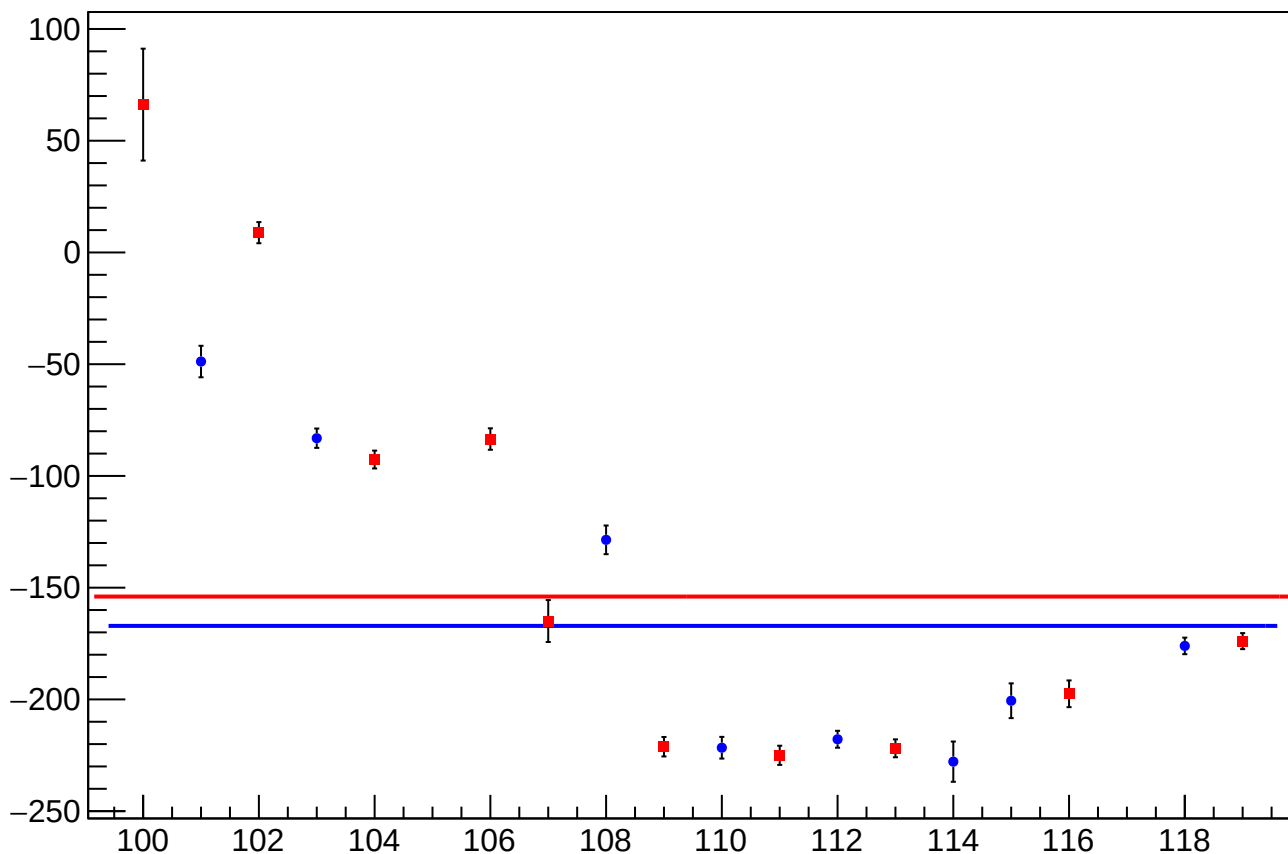
Right: -4.243+/-1.054 χ^2 /NDF: 159.0/17

In: -4.184+/-1.590 χ^2 /NDF:99.1/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.243+/-1.054 χ^2 /NDF: 159.0/17

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -167.103+/-1.791 χ^2 /NDF: 1070.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -153.975+/-1.510 χ^2 /NDF: 2597.9/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

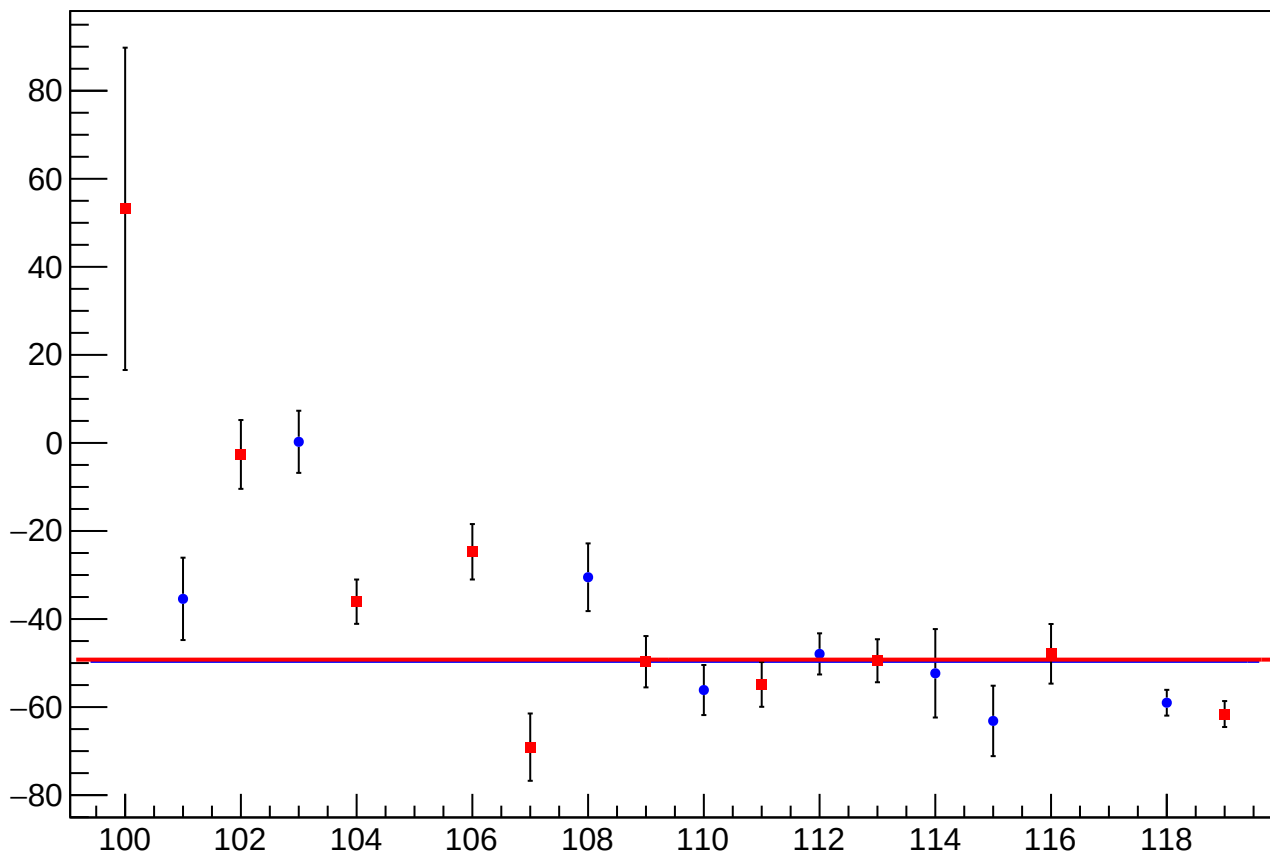
Right: -159.429+/-1.154 χ^2 /NDF: 3699.7/17

In: -167.103+/-1.791 χ^2 /NDF:1070.3/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -159.429+/-1.154 χ^2 /NDF: 3699.7/17

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -49.509 $\pm$ 1.934 χ^2 /NDF: 73.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -49.220 $\pm$ 1.701 χ^2 /NDF: 90.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

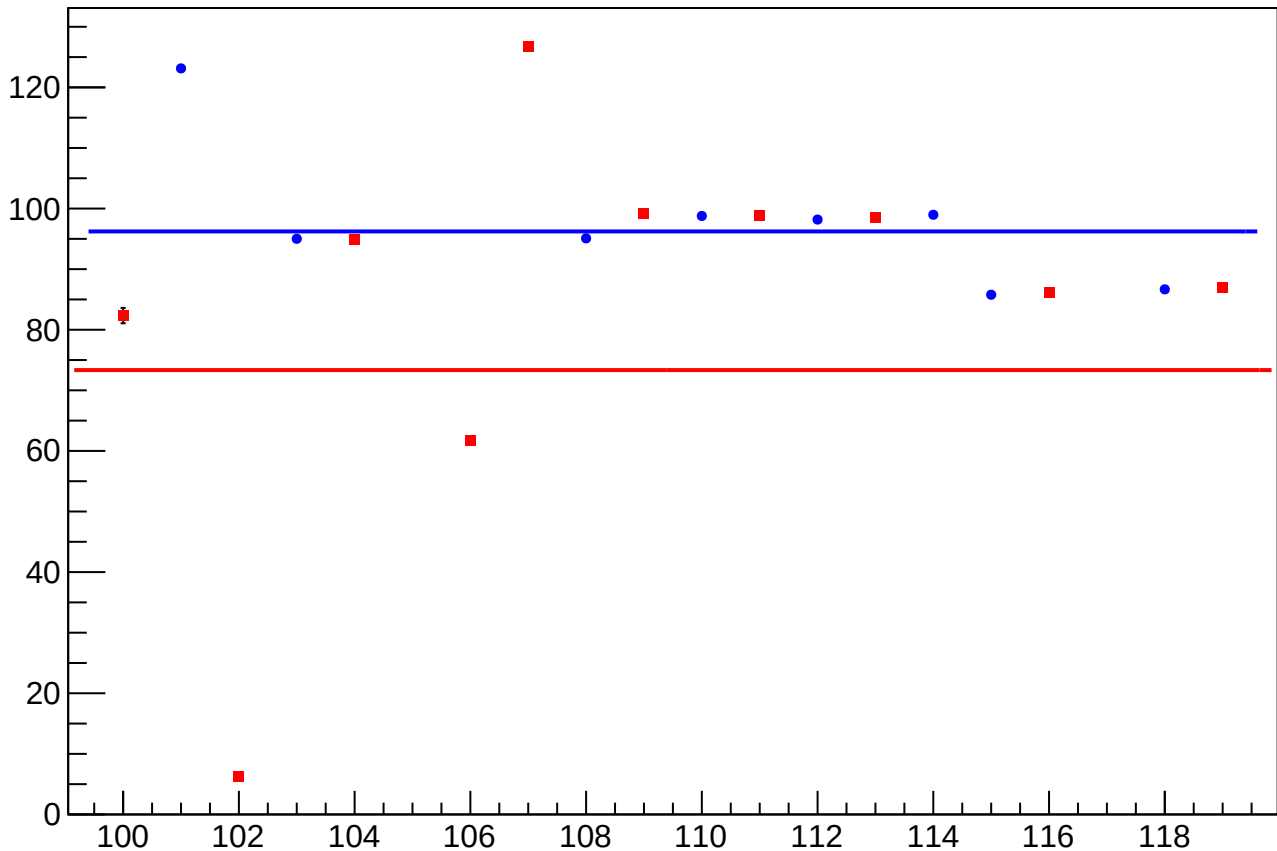
Right: -49.346 $\pm$ 1.277 χ^2 /NDF: 164.1/17

In: -49.509 $\pm$ 1.934 χ^2 /NDF: 73.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.346 $\pm$ 1.277 χ^2 /NDF: 164.1/17

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 96.224+/-0.108 χ^2/NDF : 5720.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.340+/-0.088 χ^2/NDF : 168009.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

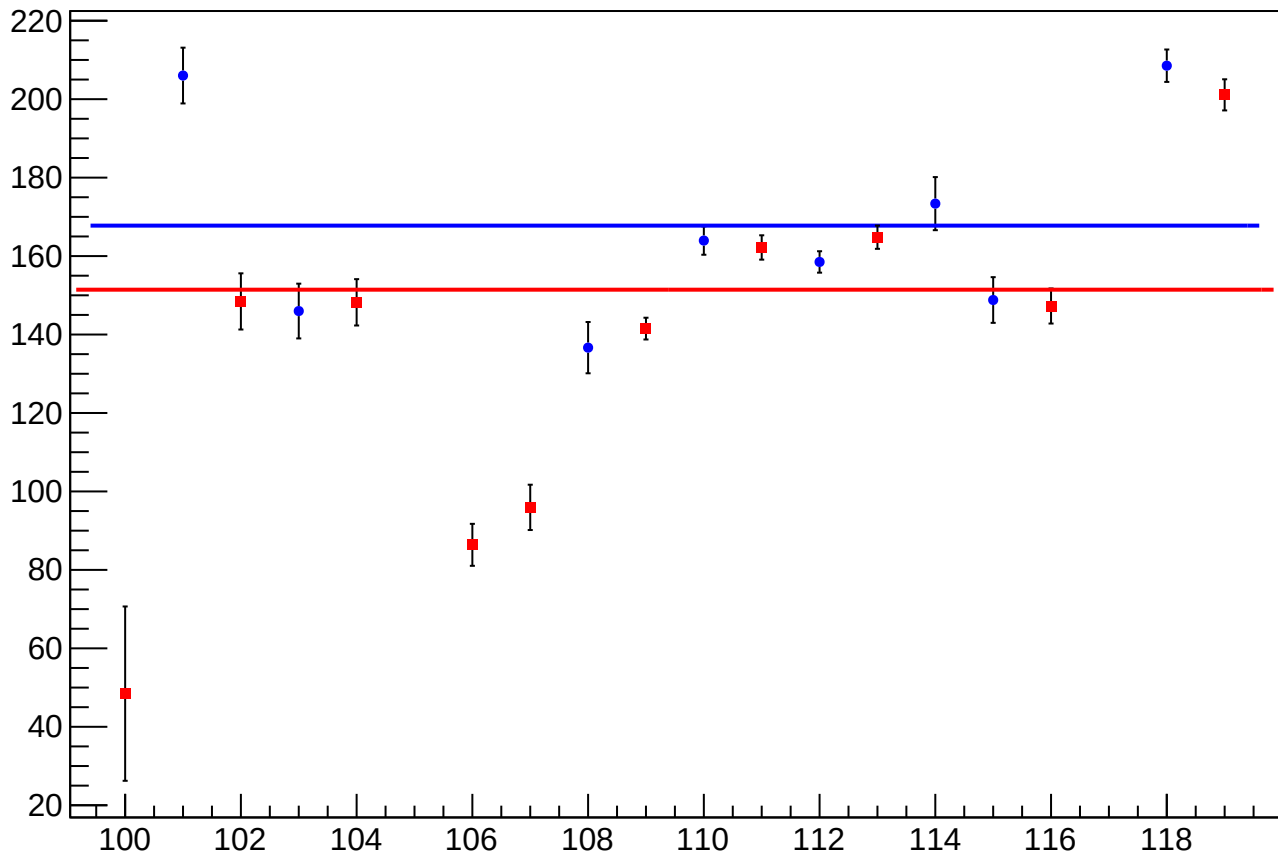
Right: 82.386+/-0.068 χ^2/NDF : 200696.5/17

In: 96.224+/-0.108 χ^2/NDF : 5720.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.386+/-0.068 χ^2/NDF : 200696.5/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 167.765 $\pm$ 1.614 χ^2 /NDF: 182.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 151.433 $\pm$ 1.317 χ^2 /NDF: 464.8/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

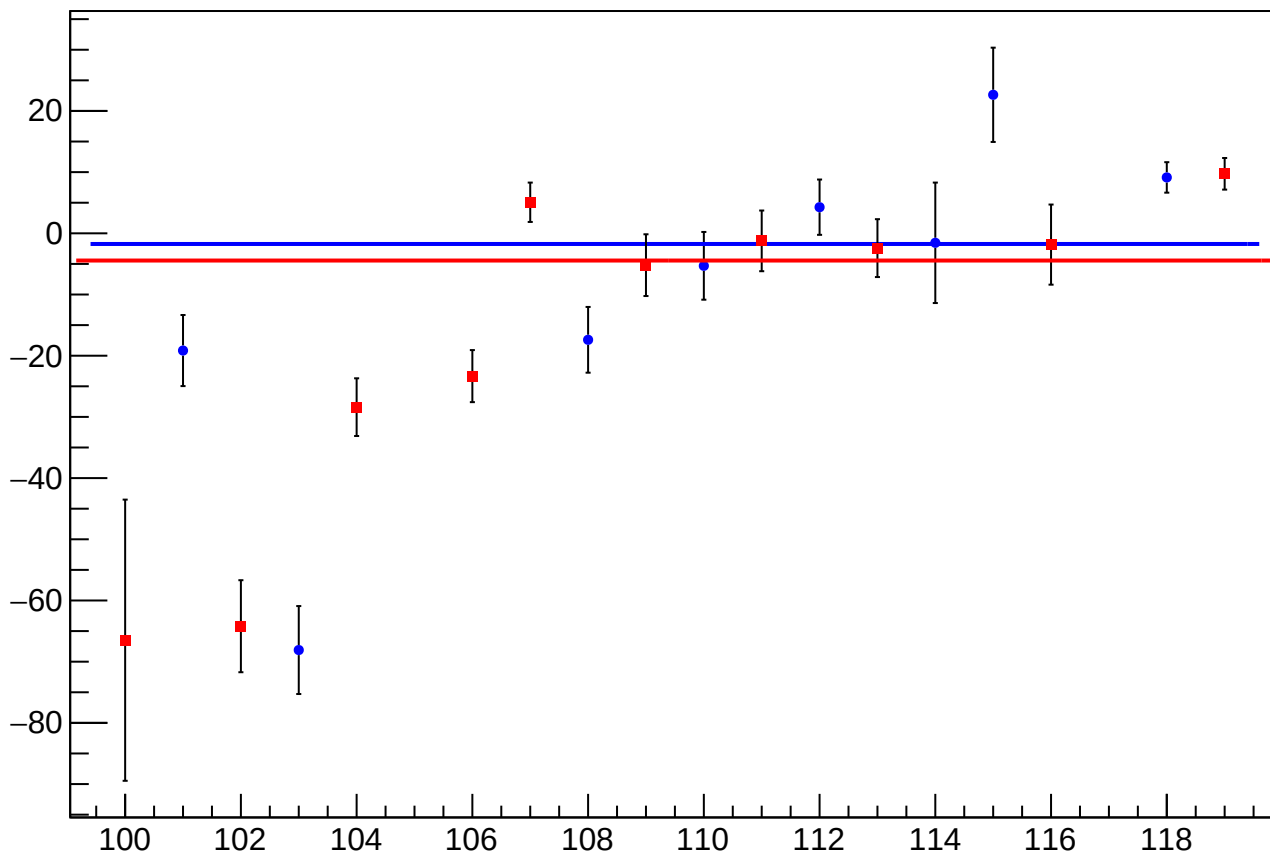
Right: 157.965 $\pm$ 1.020 χ^2 /NDF: 708.8/17

In: 167.765 $\pm$ 1.614 χ^2 /NDF:182.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 157.965 $\pm$ 1.020 χ^2 /NDF: 708.8/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.741+/-1.682 χ^2 /NDF: 134.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.446+/-1.394 χ^2 /NDF: 155.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

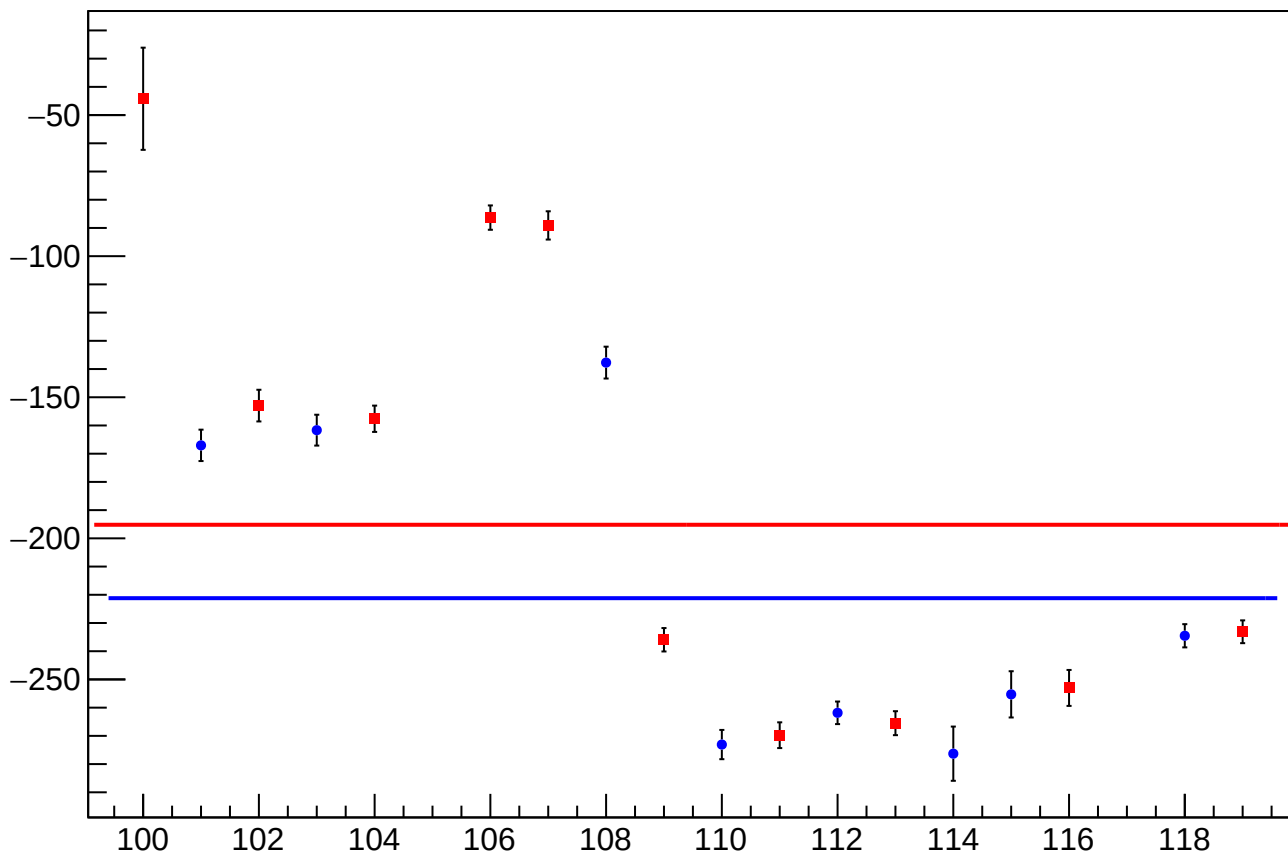
Right: -3.344+/-1.073 χ^2 /NDF: 291.2/17

In: -1.741+/-1.682 χ^2 /NDF:134.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.344+/-1.073 χ^2 /NDF: 291.2/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.188+/-1.540 χ^2/NDF : 2084.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

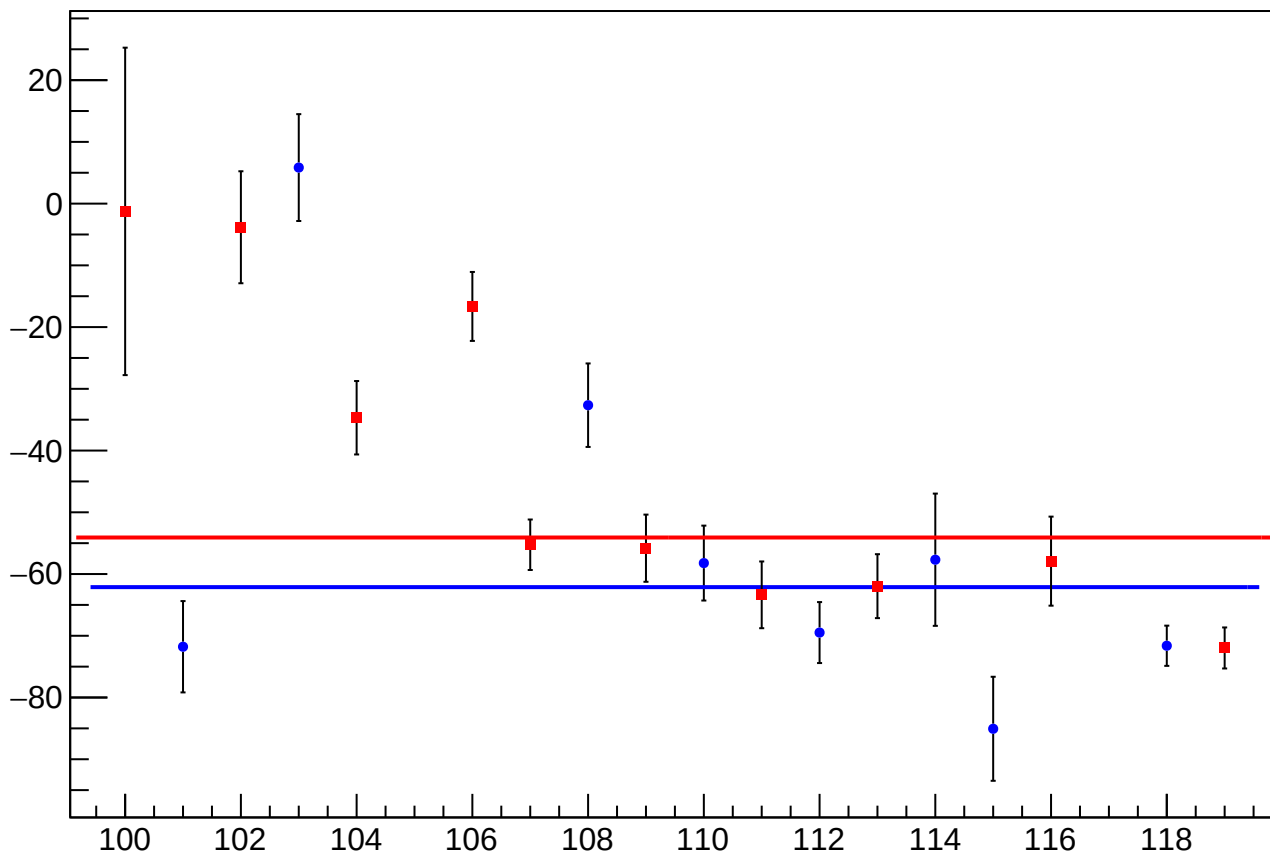
Right: -205.603+/-1.192 χ^2/NDF : 2894.7/17

In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.603+/-1.192 χ^2/NDF : 2894.7/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.120+/-2.047 χ^2/NDF : 101.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.083+/-1.693 χ^2/NDF : 124.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

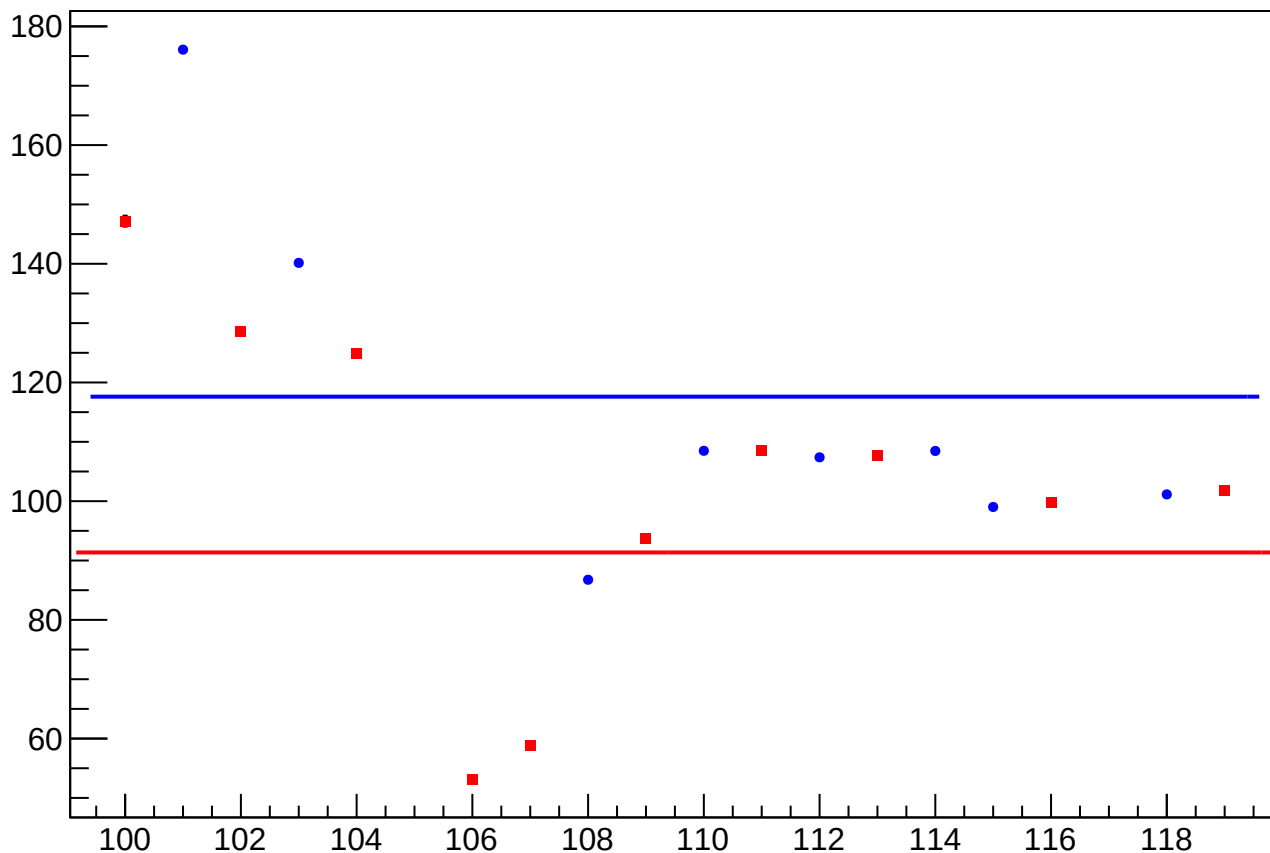
Right: -57.348+/-1.305 χ^2/NDF : 235.2/17

In: -62.120+/-2.047 χ^2/NDF : 101.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.348+/-1.305 χ^2/NDF : 235.2/17

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

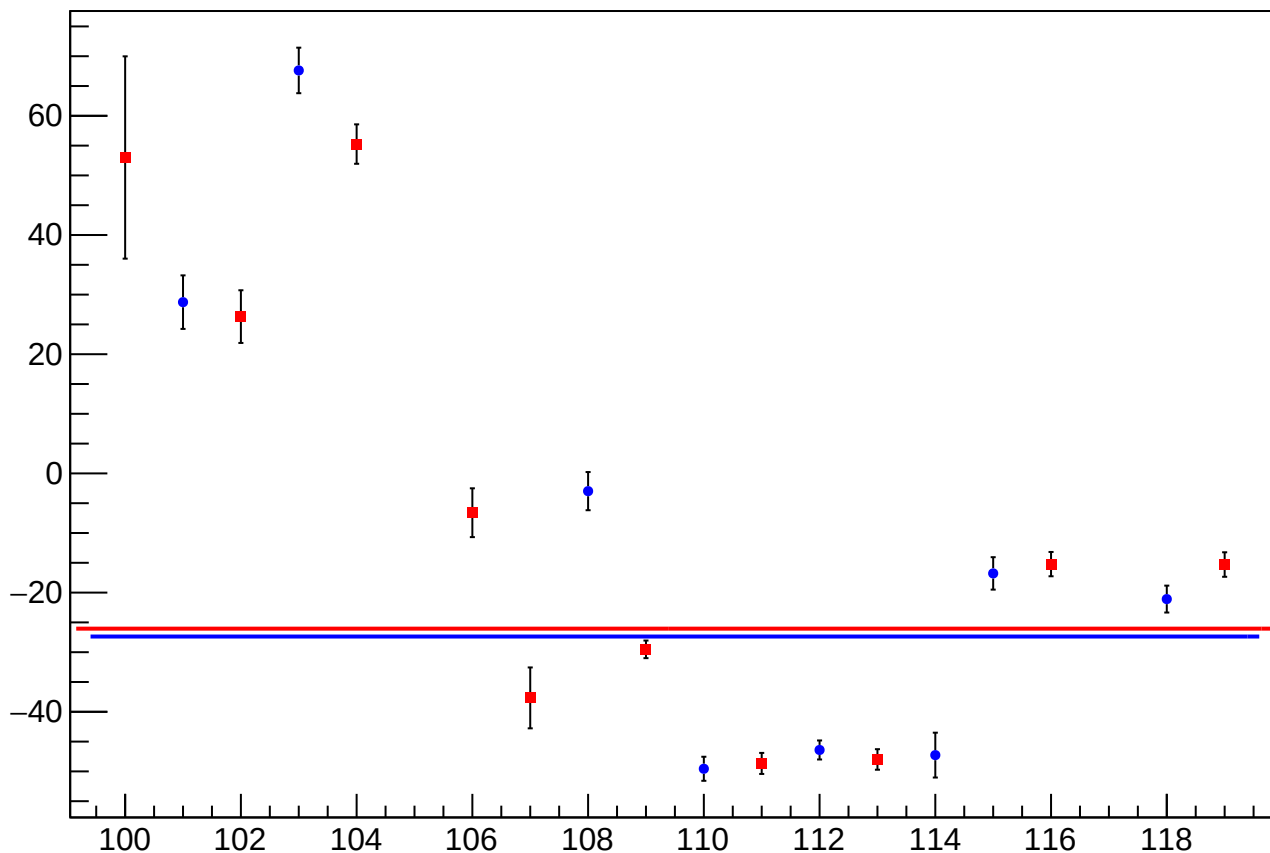
Right: 101.010+/-0.070 χ^2/NDF : 216467.6/17

In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.010+/-0.070 χ^2/NDF : 216467.6/17

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.370+/-0.892 χ^2/NDF : 1146.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.049+/-0.738 χ^2/NDF : 1181.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

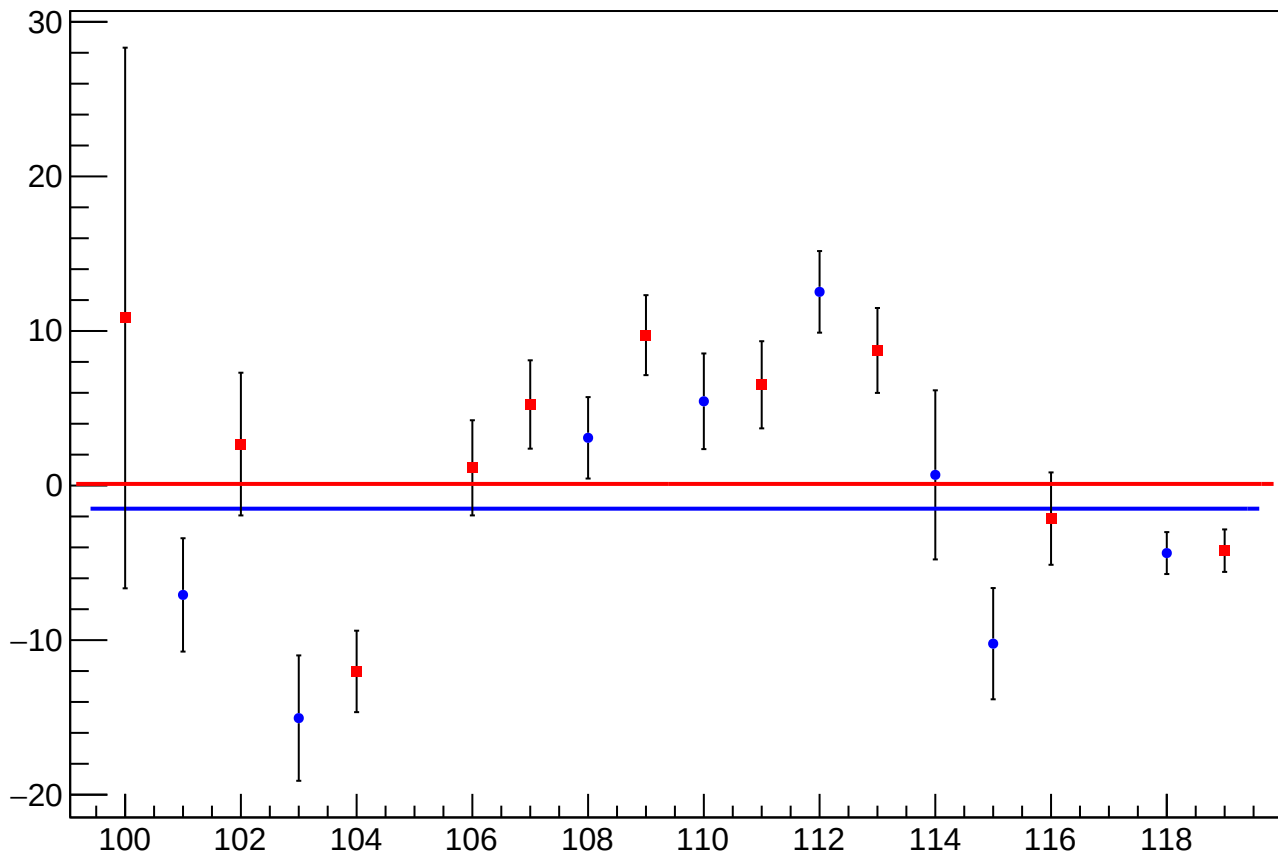
Right: -26.585+/-0.568 χ^2/NDF : 2329.0/17

In: -27.370+/-0.892 χ^2/NDF :1146.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -26.585+/-0.568 χ^2/NDF : 2329.0/17

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.496+/-0.920 χ^2/NDF : 60.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.106+/-0.824 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

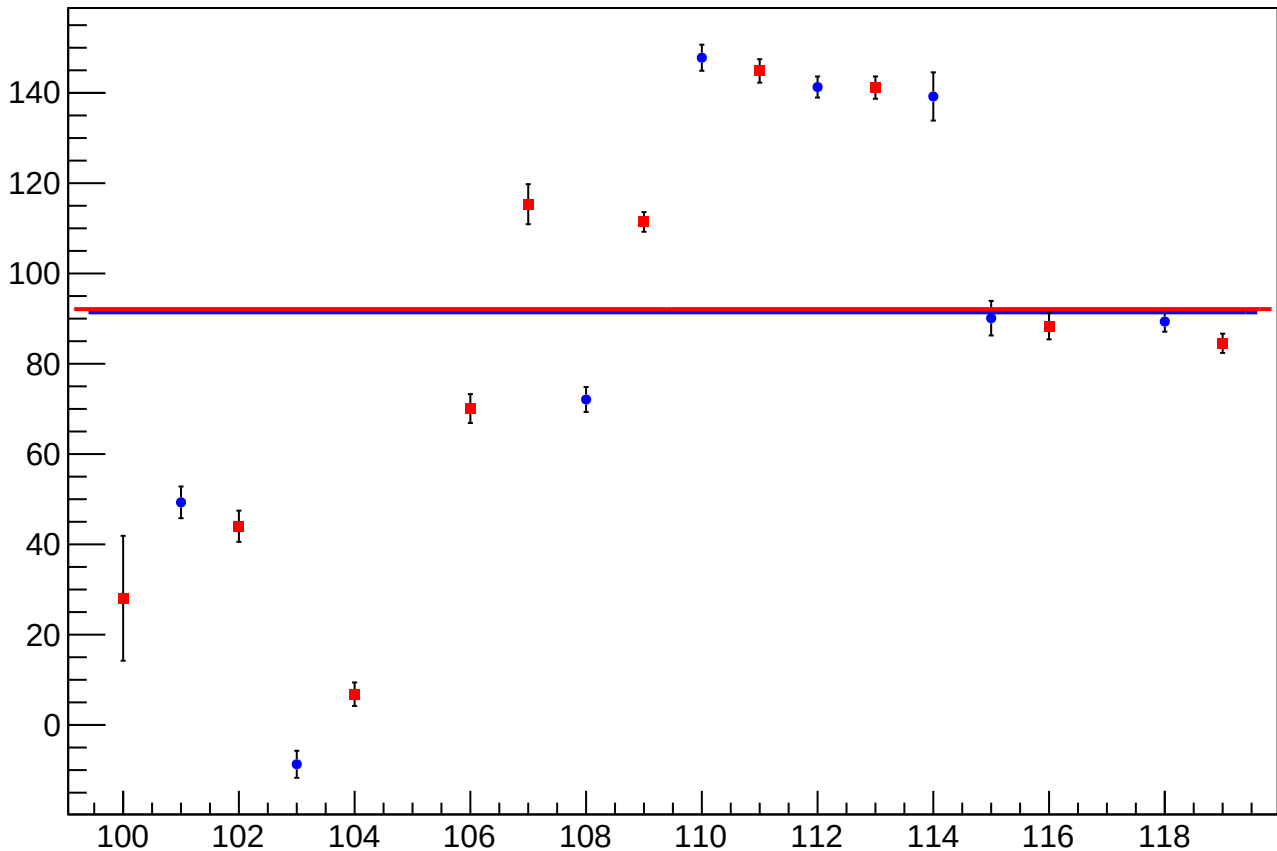
Right: -0.607+/-0.614 χ^2/NDF : 126.5/17

In: -1.496+/-0.920 χ^2/NDF : 60.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.607+/-0.614 χ^2/NDF : 126.5/17

reg_asym_atl_dd_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 91.399+/-1.038 χ^2/NDF : 2225.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.107+/-0.896 χ^2/NDF : 2258.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

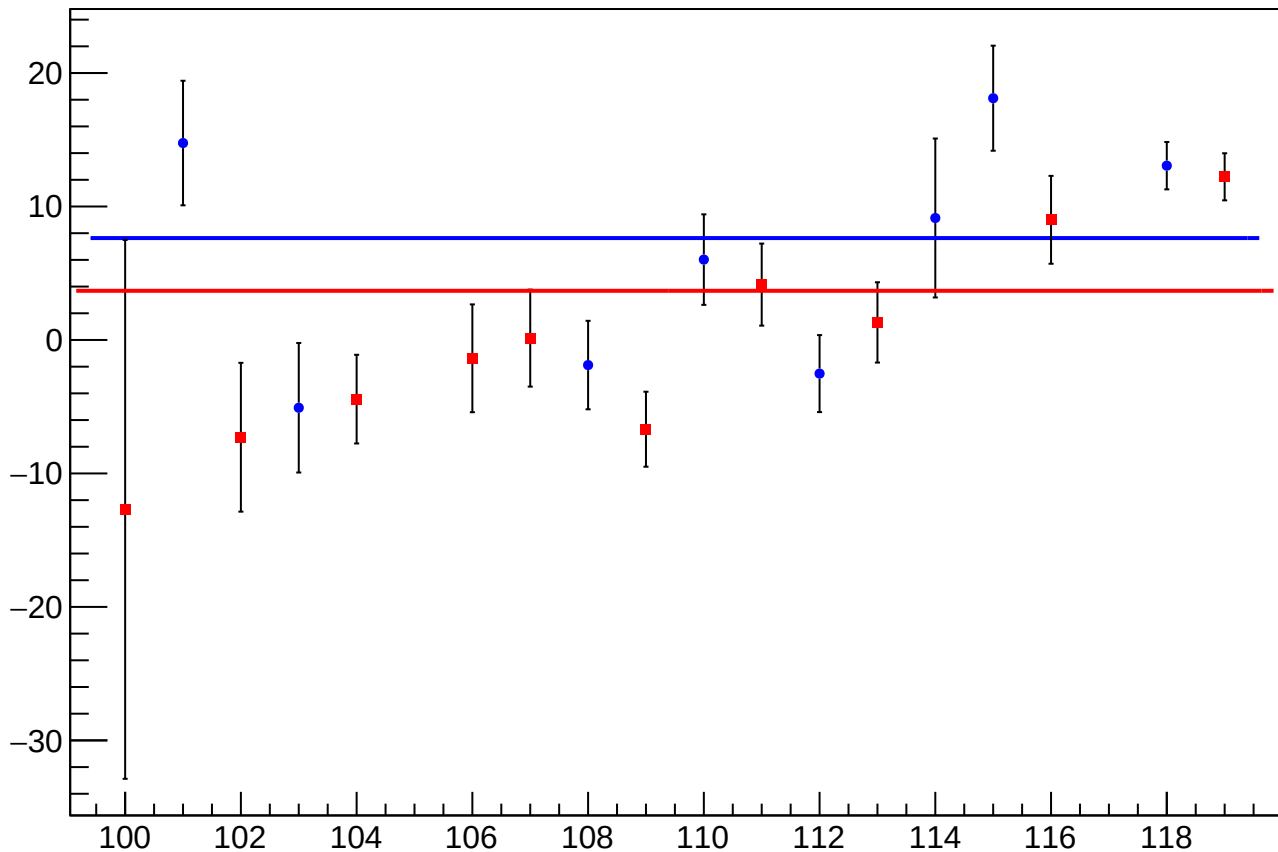
Right: 91.805+/-0.678 χ^2/NDF : 4485.1/17

In: 91.399+/-1.038 χ^2/NDF : 2225.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.805+/-0.678 χ^2/NDF : 4485.1/17

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.635+/-1.120 χ^2/NDF : 46.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.685+/-0.991 χ^2/NDF : 53.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

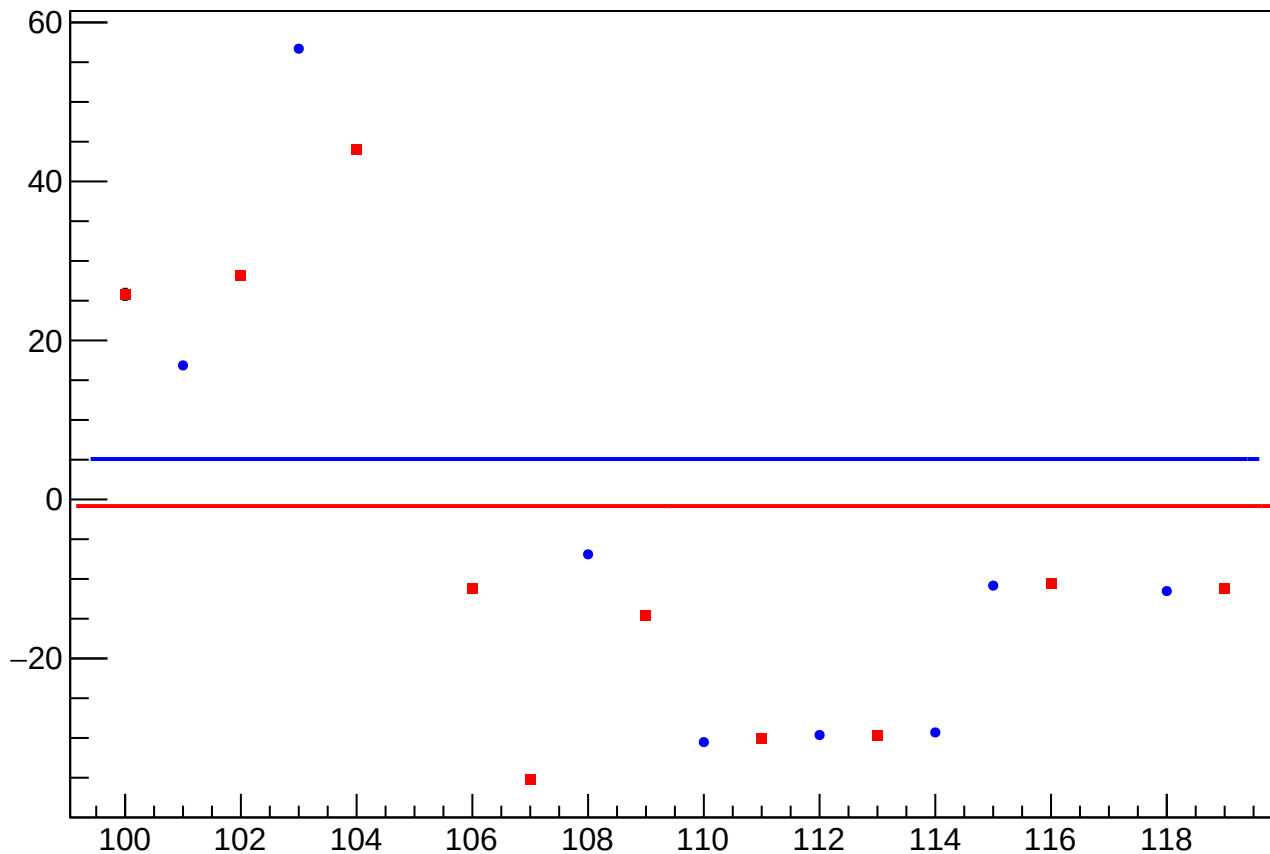
Right: 5.418+/-0.742 χ^2/NDF : 106.8/17

In: 7.635+/-1.120 χ^2/NDF : 46.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.418+/-0.742 χ^2/NDF : 106.8/17

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.084+/-0.062 χ^2/NDF : 259865.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.833+/-0.055 χ^2/NDF : 263764.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

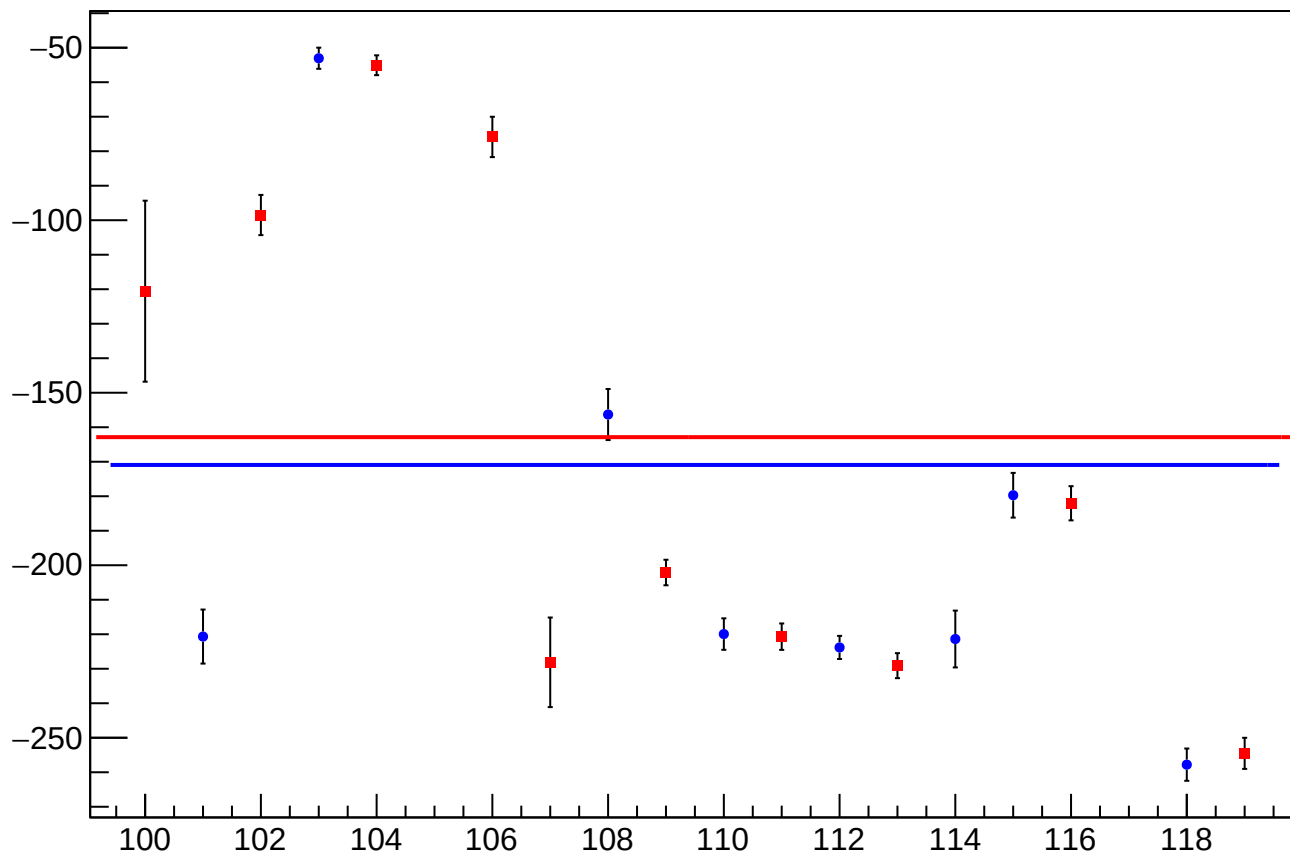
Right: 1.783+/-0.041 χ^2/NDF : 528754.5/17

In: 5.084+/-0.062 χ^2/NDF : 259865.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.783+/-0.041 χ^2/NDF : 528754.5/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -170.930+/-1.662 χ^2 /NDF: 2269.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -162.874+/-1.422 χ^2 /NDF: 2879.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

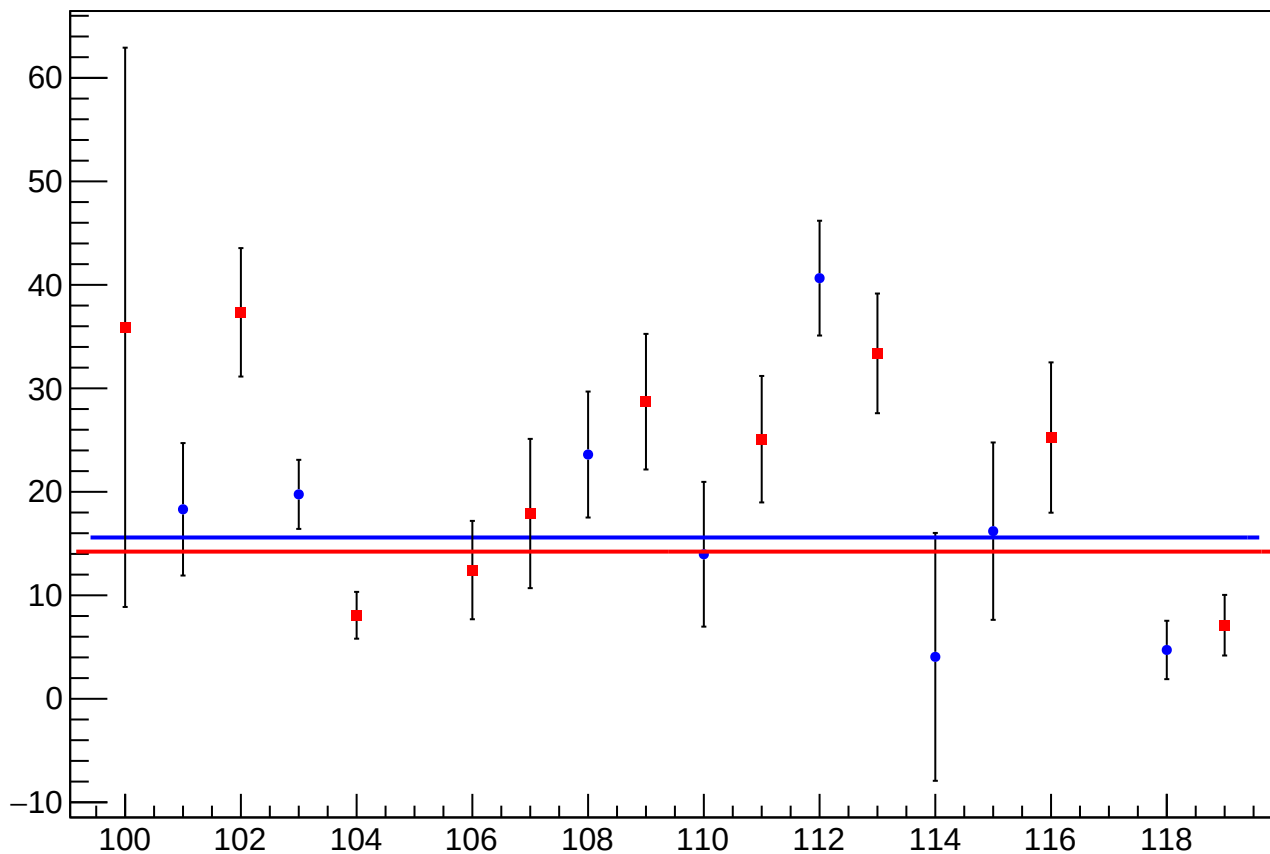
Right: -166.279+/-1.080 χ^2 /NDF: 5163.0/17

In: -170.930+/-1.662 χ^2 /NDF:2269.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -166.279+/-1.080 χ^2 /NDF: 5163.0/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.589+/-1.714 χ^2/NDF : 39.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.223+/-1.412 χ^2/NDF : 49.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

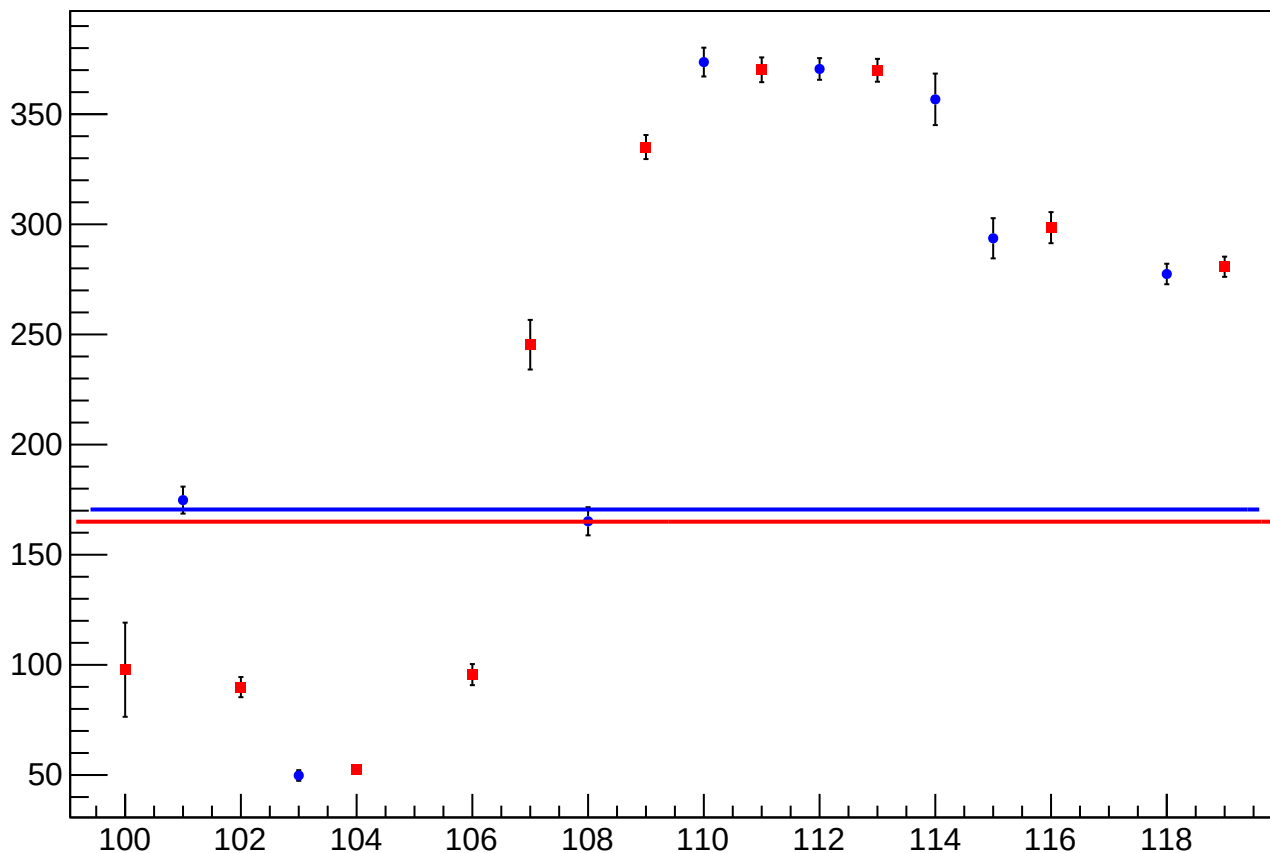
Right: 14.775+/-1.090 χ^2/NDF : 89.7/17

In: 15.589+/-1.714 χ^2/NDF : 39.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.775+/-1.090 χ^2/NDF : 89.7/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 170.539+/-1.682 χ^2/NDF : 6099.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.003+/-1.465 χ^2/NDF : 7853.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

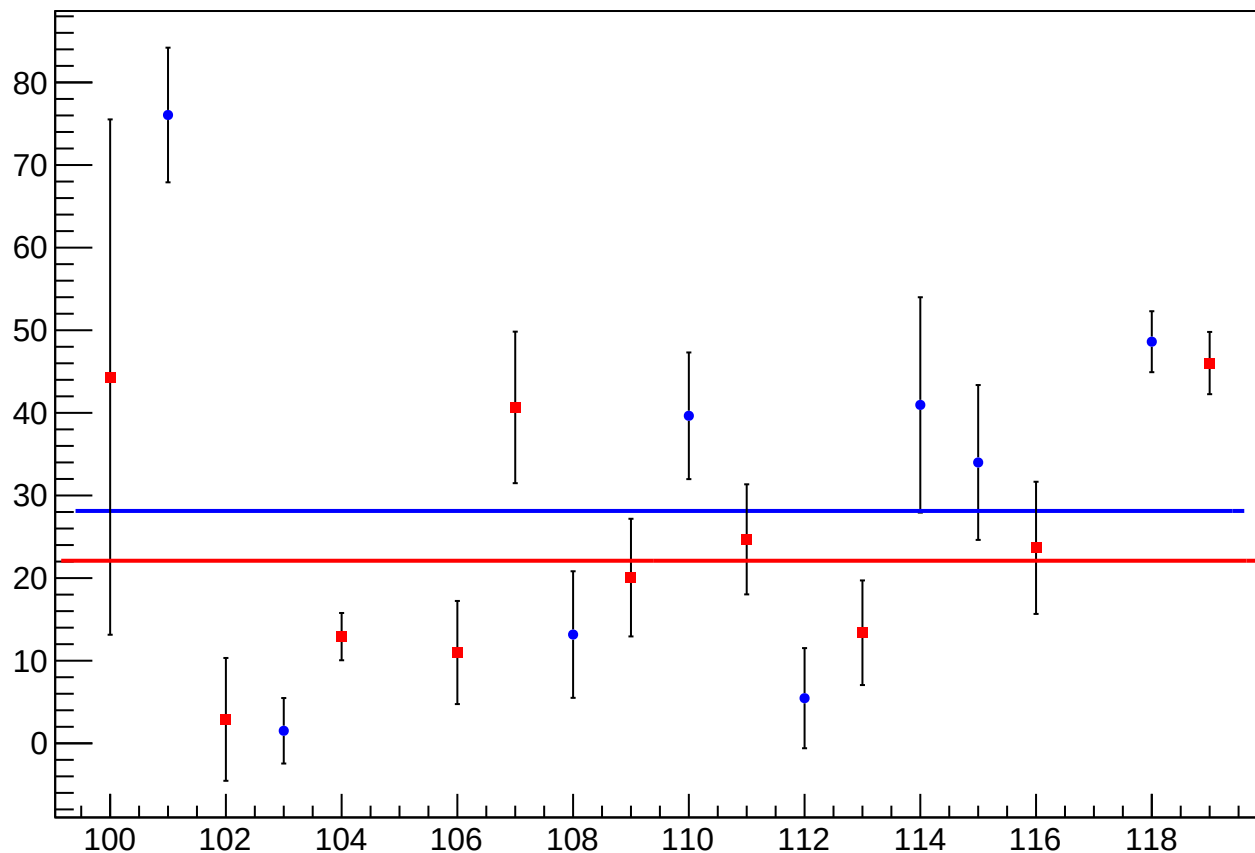
Right: 167.391+/-1.105 χ^2/NDF : 13958.6/17

In: 170.539+/-1.682 χ^2/NDF : 6099.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.391+/-1.105 χ^2/NDF : 13958.6/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.128+/-2.082 χ^2/NDF : 131.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.100+/-1.735 χ^2/NDF : 67.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

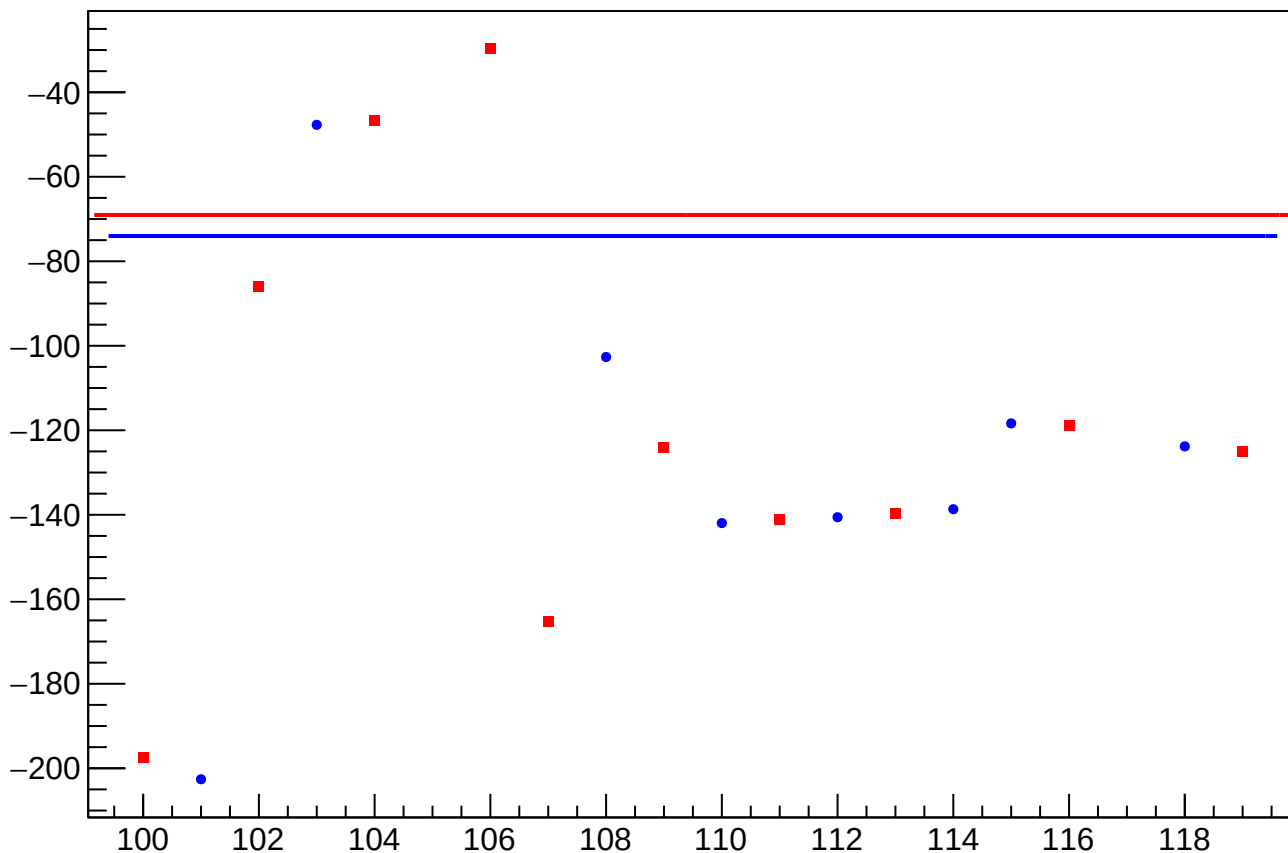
Right: 24.571+/-1.333 χ^2/NDF : 204.1/17

In: 28.128+/-2.082 χ^2/NDF : 131.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.571+/-1.333 χ^2/NDF : 204.1/17

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -74.026 $\pm$ 0.084 χ^2 /NDF: 278716.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -69.048 $\pm$ 0.077 χ^2 /NDF: 256684.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

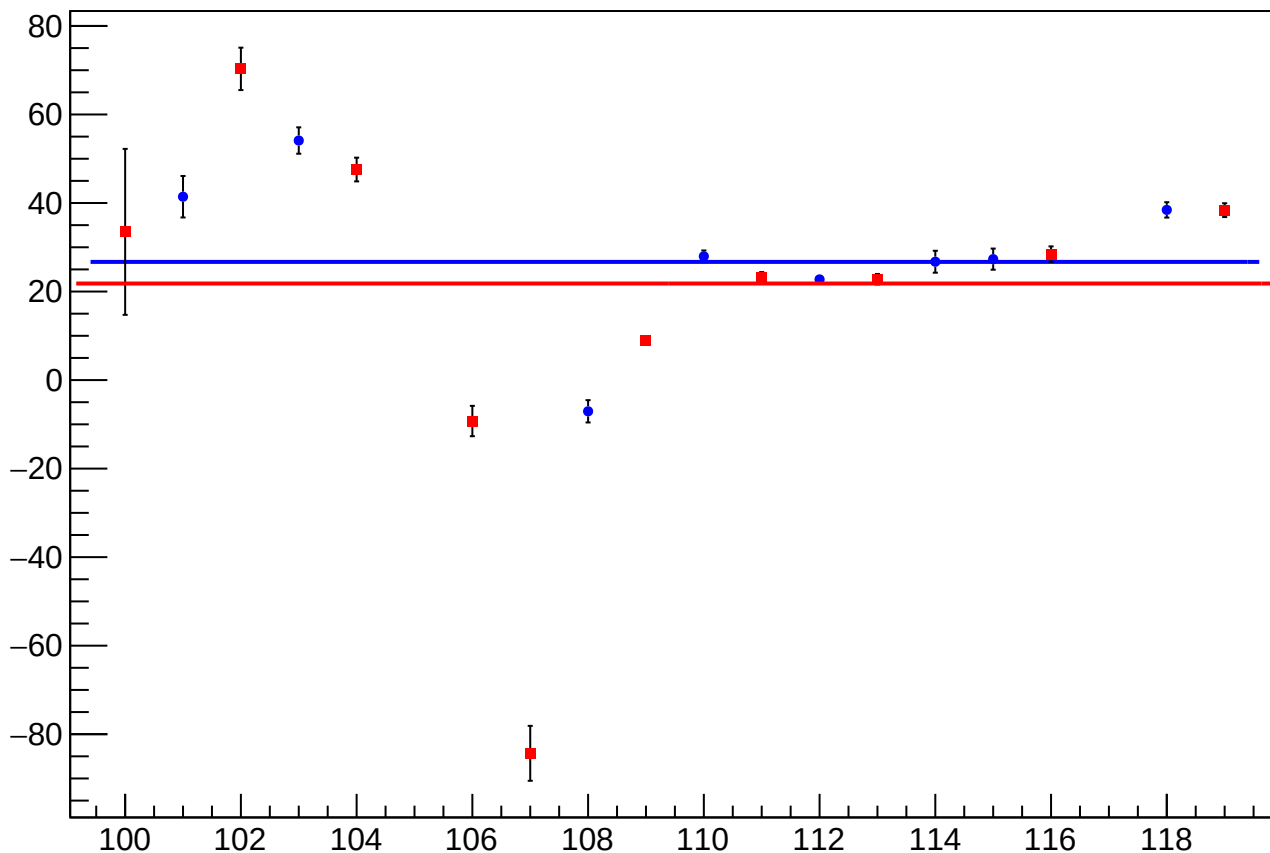
Right: -71.316 $\pm$ 0.057 χ^2 /NDF: 537323.1/17

In: -74.026 $\pm$ 0.084 χ^2 /NDF:278716.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -71.316 $\pm$ 0.057 χ^2 /NDF: 537323.1/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.698+/-0.650 χ^2/NDF : 333.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.812+/-0.551 χ^2/NDF : 839.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

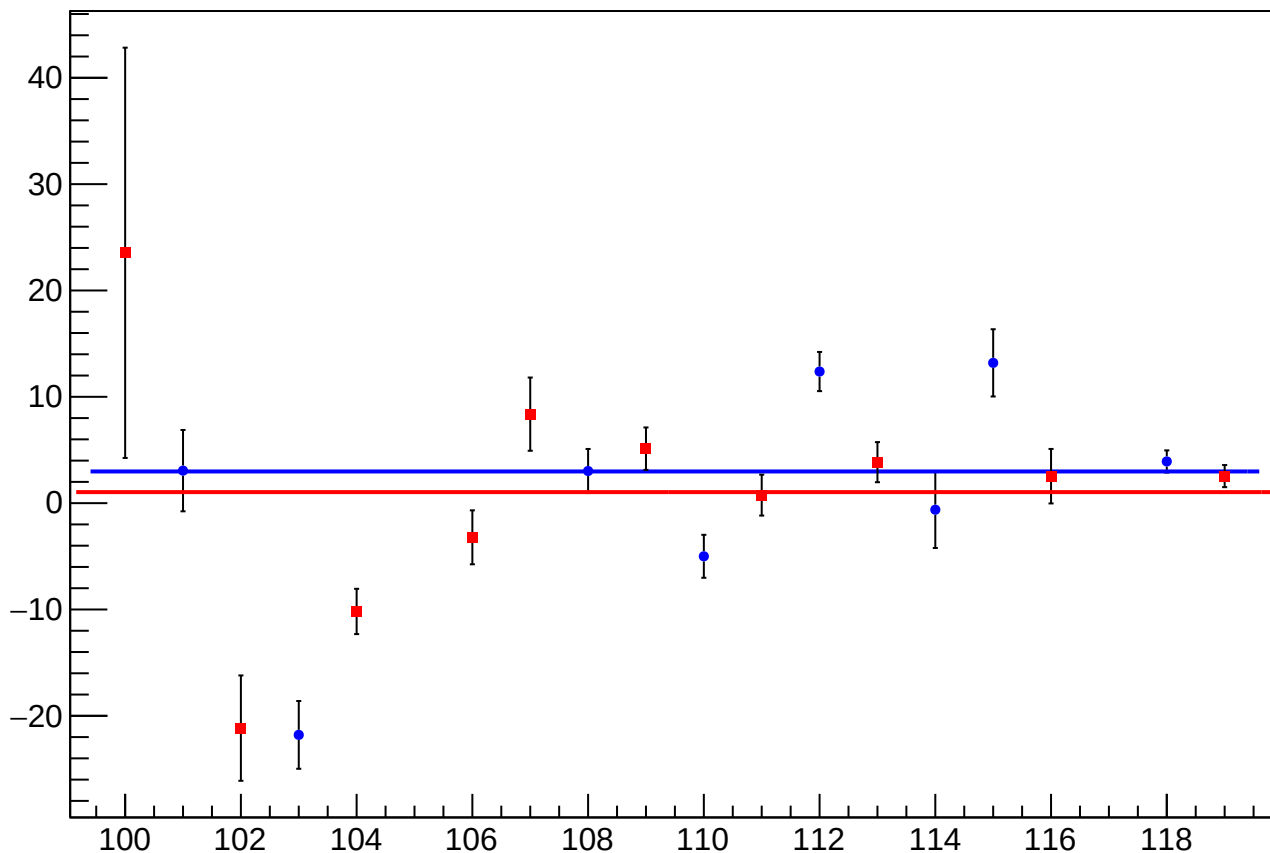
Right: 23.856+/-0.420 χ^2/NDF : 1205.9/17

In: 26.698+/-0.650 χ^2/NDF : 333.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.856+/-0.420 χ^2/NDF : 1205.9/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.981 $\pm$ 0.701 χ^2 /NDF: 114.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.039 $\pm$ 0.648 χ^2 /NDF: 65.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

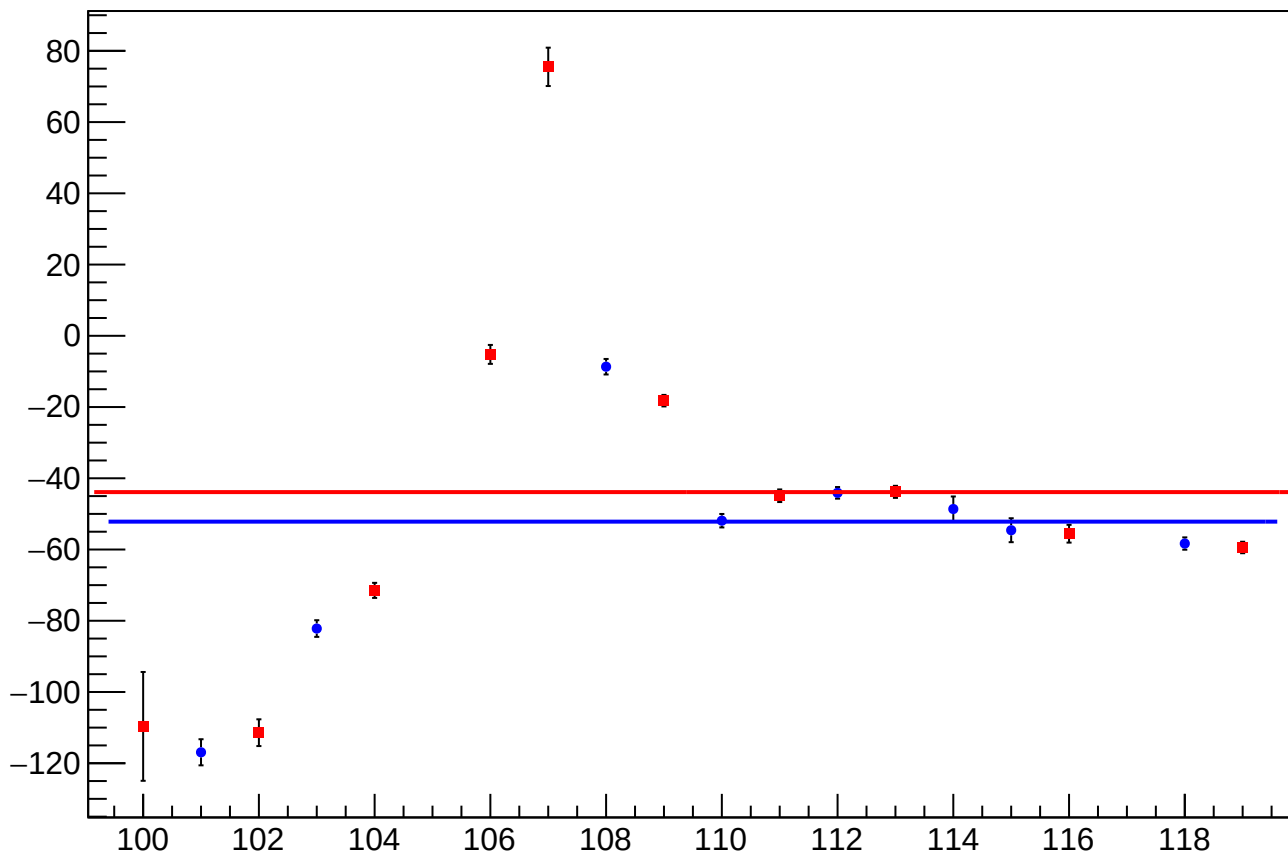
Right: 1.934 $\pm$ 0.476 χ^2 /NDF: 183.9/17

In: 2.981 $\pm$ 0.701 χ^2 /NDF:114.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.934 $\pm$ 0.476 χ^2 /NDF: 183.9/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.173+/-0.783 χ^2/NDF : 914.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.880+/-0.694 χ^2/NDF : 1583.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

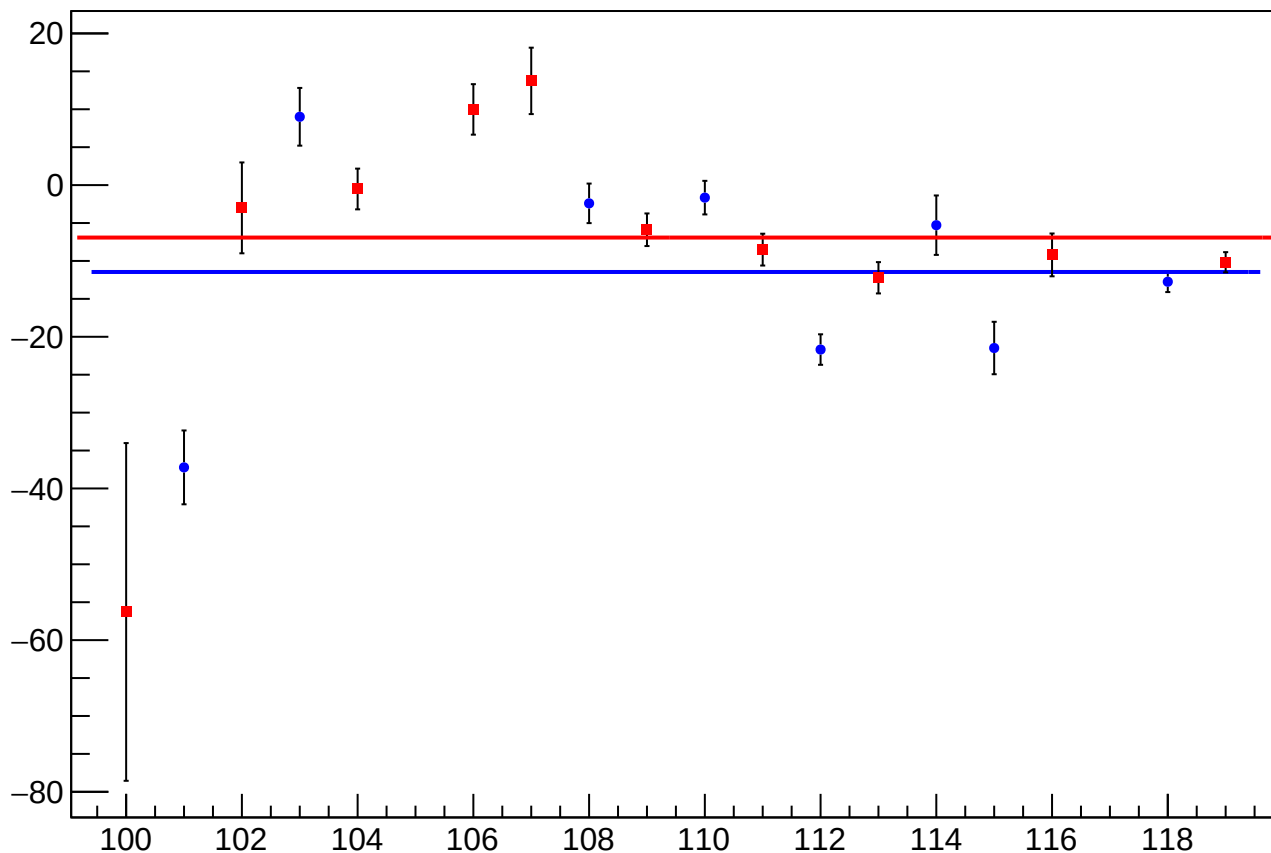
Right: -47.530+/-0.520 χ^2/NDF : 2561.3/17

In: -52.173+/-0.783 χ^2/NDF : 914.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.530+/-0.520 χ^2/NDF : 2561.3/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.455+/-0.846 χ^2/NDF : 126.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.917+/-0.772 χ^2/NDF : 73.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

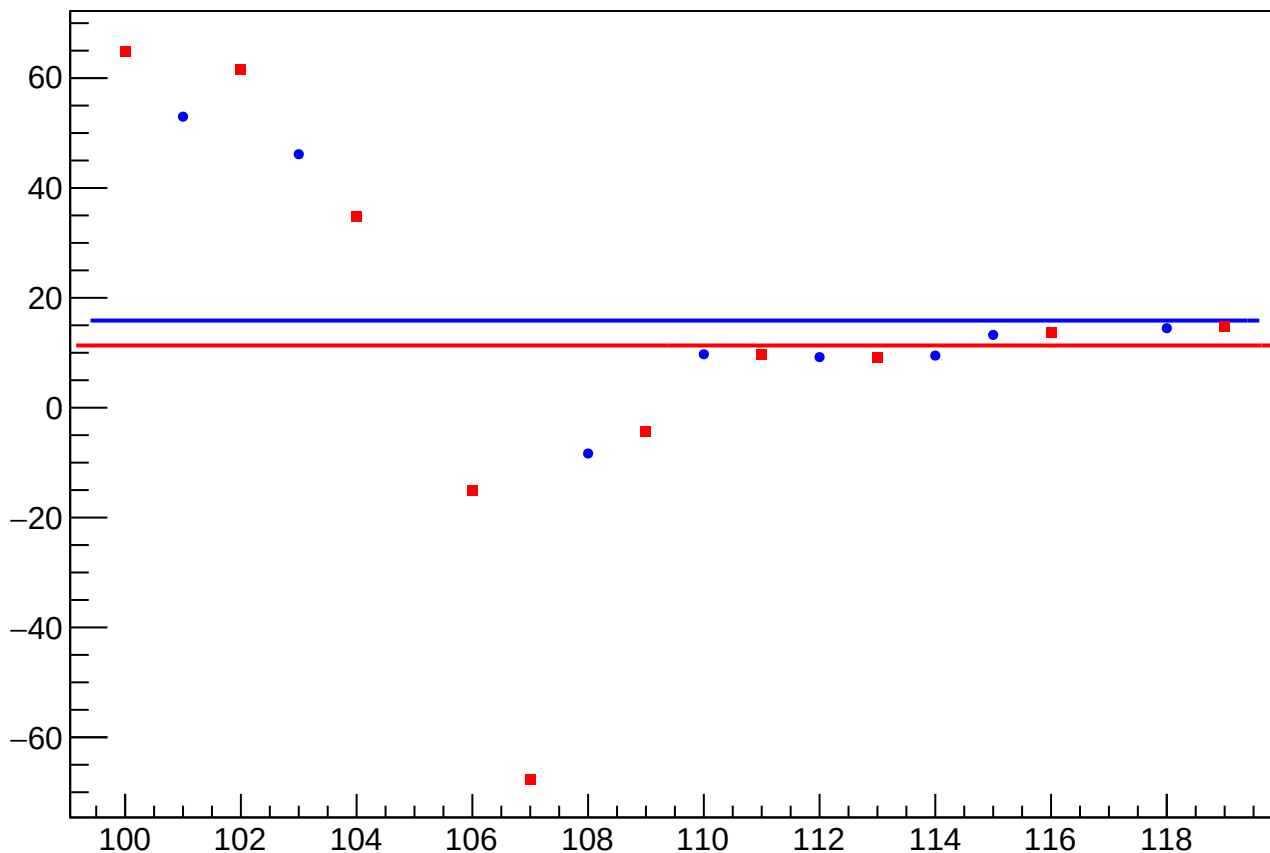
Right: -8.980+/-0.570 χ^2/NDF : 215.0/17

In: -11.455+/-0.846 χ^2/NDF : 126.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.980+/-0.570 χ^2/NDF : 215.0/17

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.861+/-0.048 χ^2/NDF : 204190.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.325+/-0.045 χ^2/NDF : 343045.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

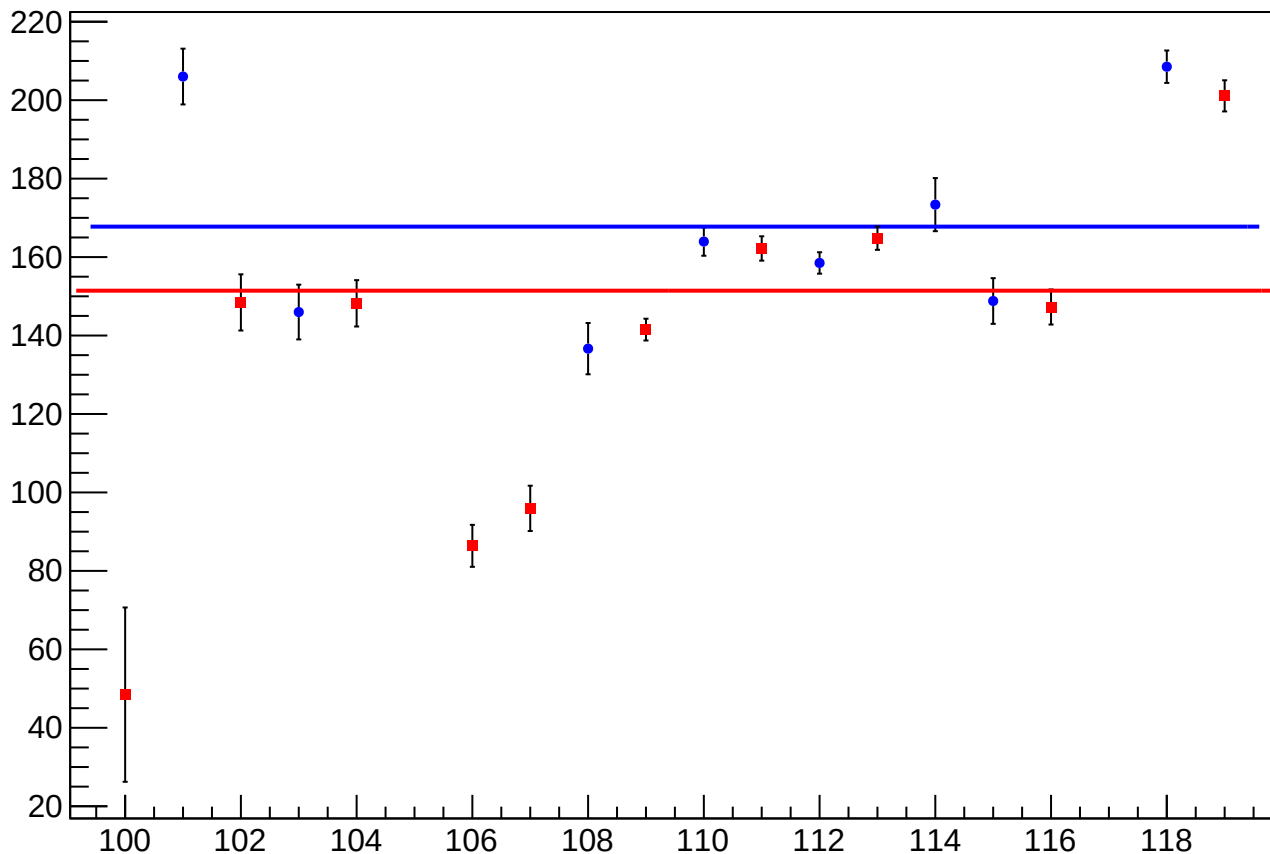
Right: 13.471+/-0.033 χ^2/NDF : 551996.2/17

In: 15.861+/-0.048 χ^2/NDF : 204190.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.471+/-0.033 χ^2/NDF : 551996.2/17

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 167.765+/-1.614 χ^2/NDF : 182.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.433+/-1.317 χ^2/NDF : 464.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

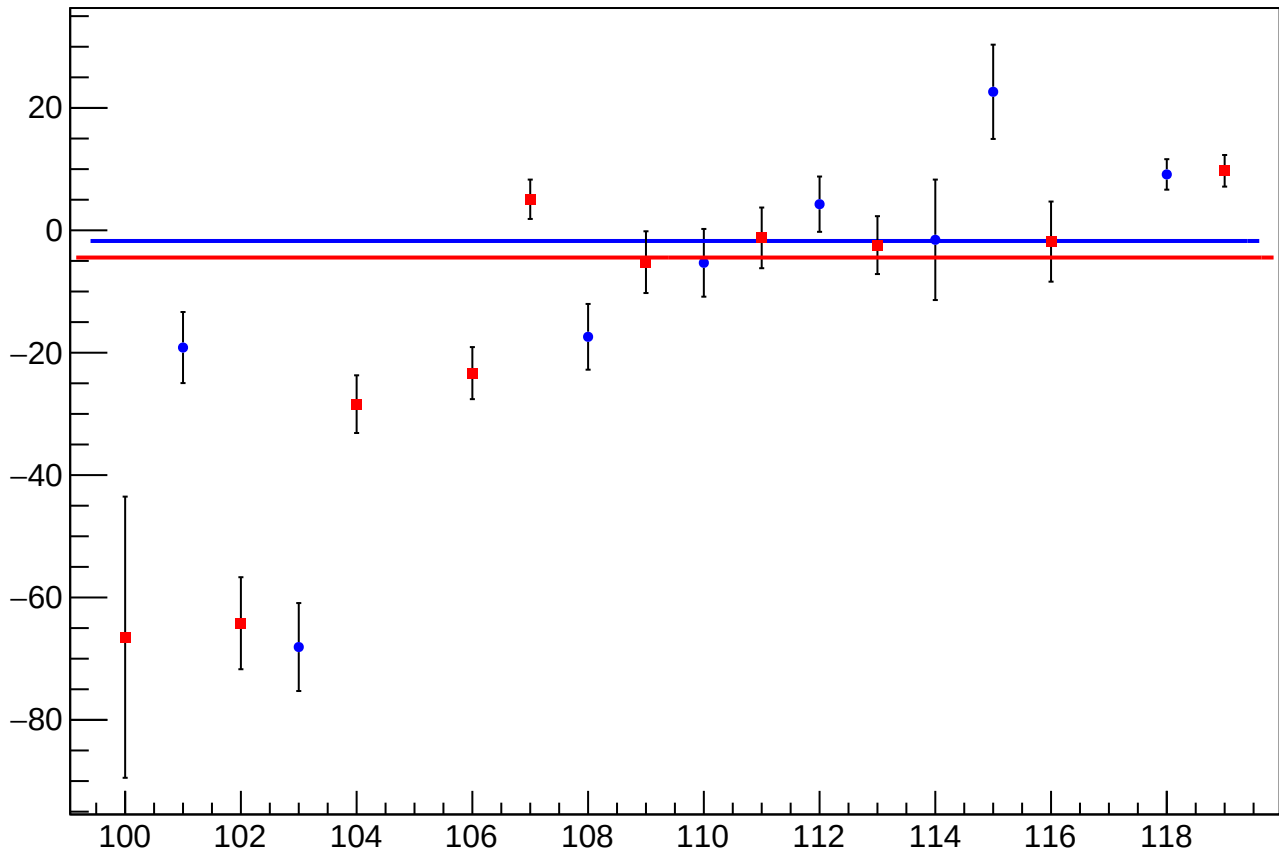
Right: 157.965+/-1.020 χ^2/NDF : 708.8/17

In: 167.765+/-1.614 χ^2/NDF : 182.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.965+/-1.020 χ^2/NDF : 708.8/17

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.741+/-1.682 χ^2 /NDF: 134.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.446+/-1.394 χ^2 /NDF: 155.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

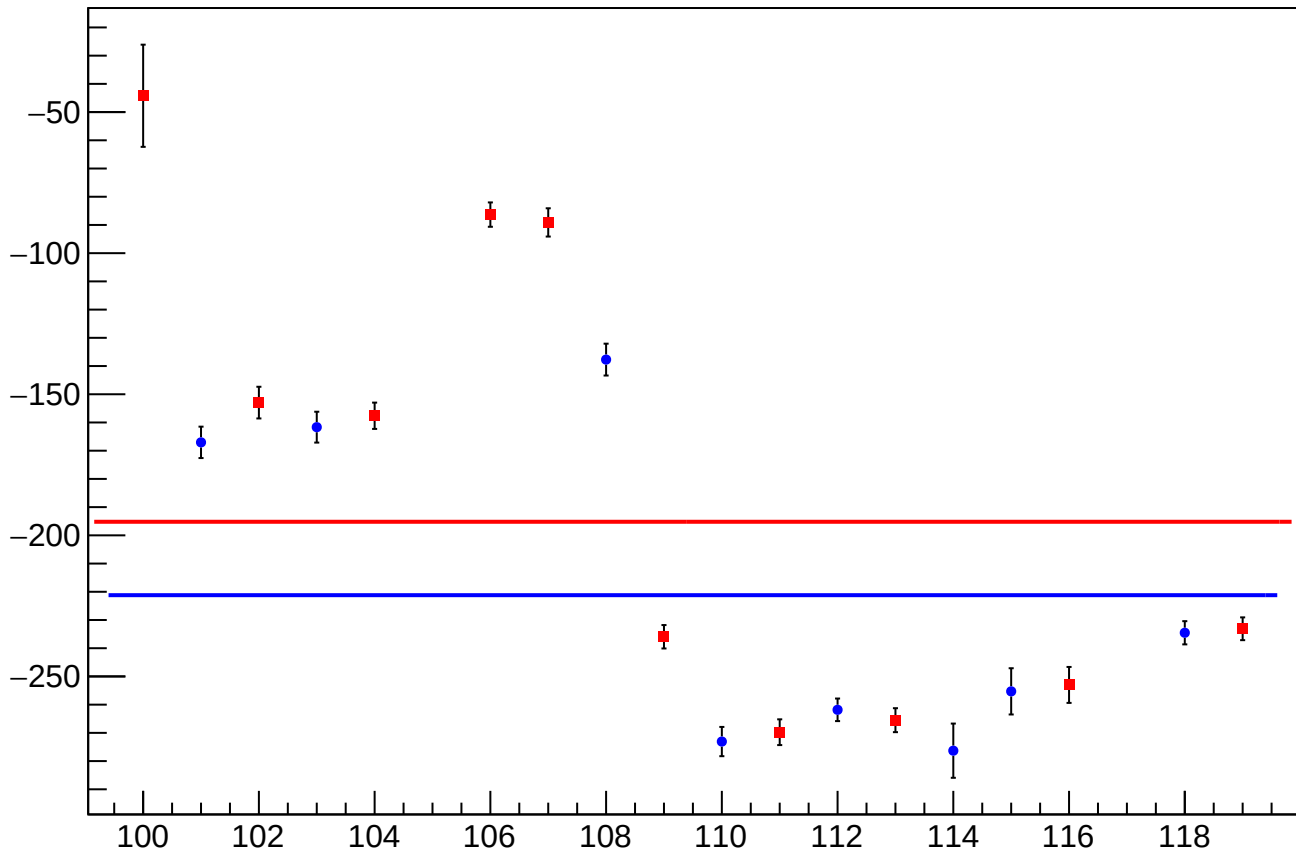
Right: -3.344+/-1.073 χ^2 /NDF: 291.2/17

In: -1.741+/-1.682 χ^2 /NDF:134.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.344+/-1.073 χ^2 /NDF: 291.2/17

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.188+/-1.540 χ^2/NDF : 2084.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

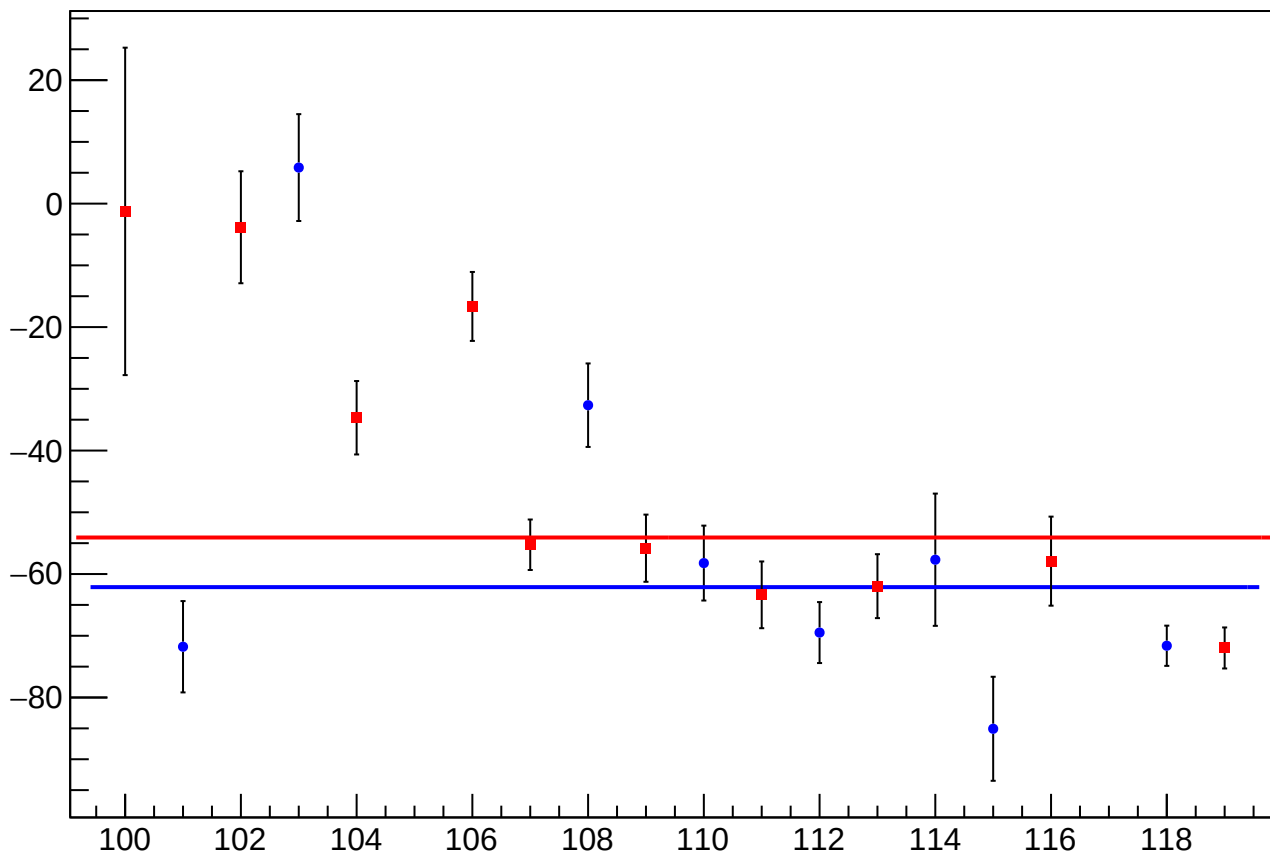
Right: -205.603+/-1.192 χ^2/NDF : 2894.7/17

In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.603+/-1.192 χ^2/NDF : 2894.7/17

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.120+/-2.047 χ^2/NDF : 101.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.083+/-1.693 χ^2/NDF : 124.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

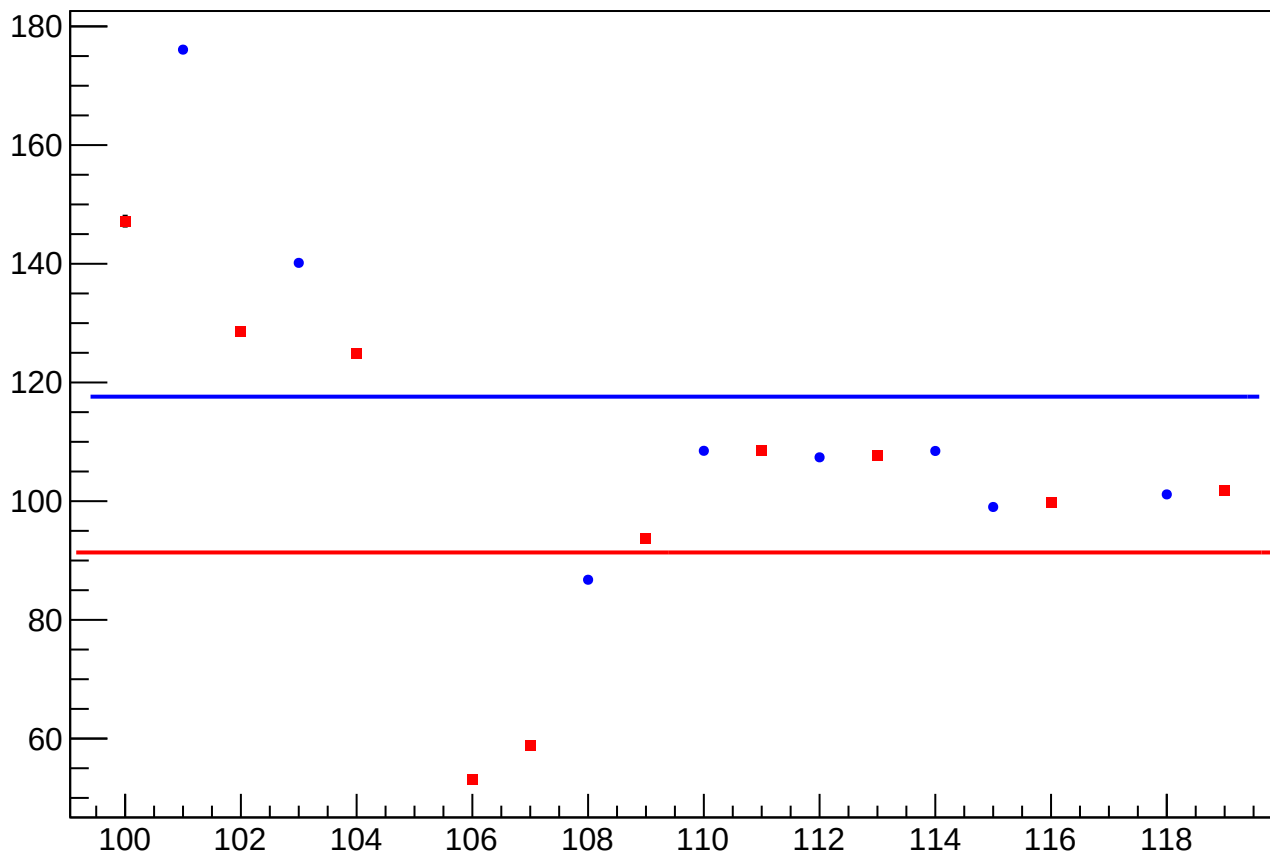
Right: -57.348+/-1.305 χ^2/NDF : 235.2/17

In: -62.120+/-2.047 χ^2/NDF : 101.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -57.348+/-1.305 χ^2/NDF : 235.2/17

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

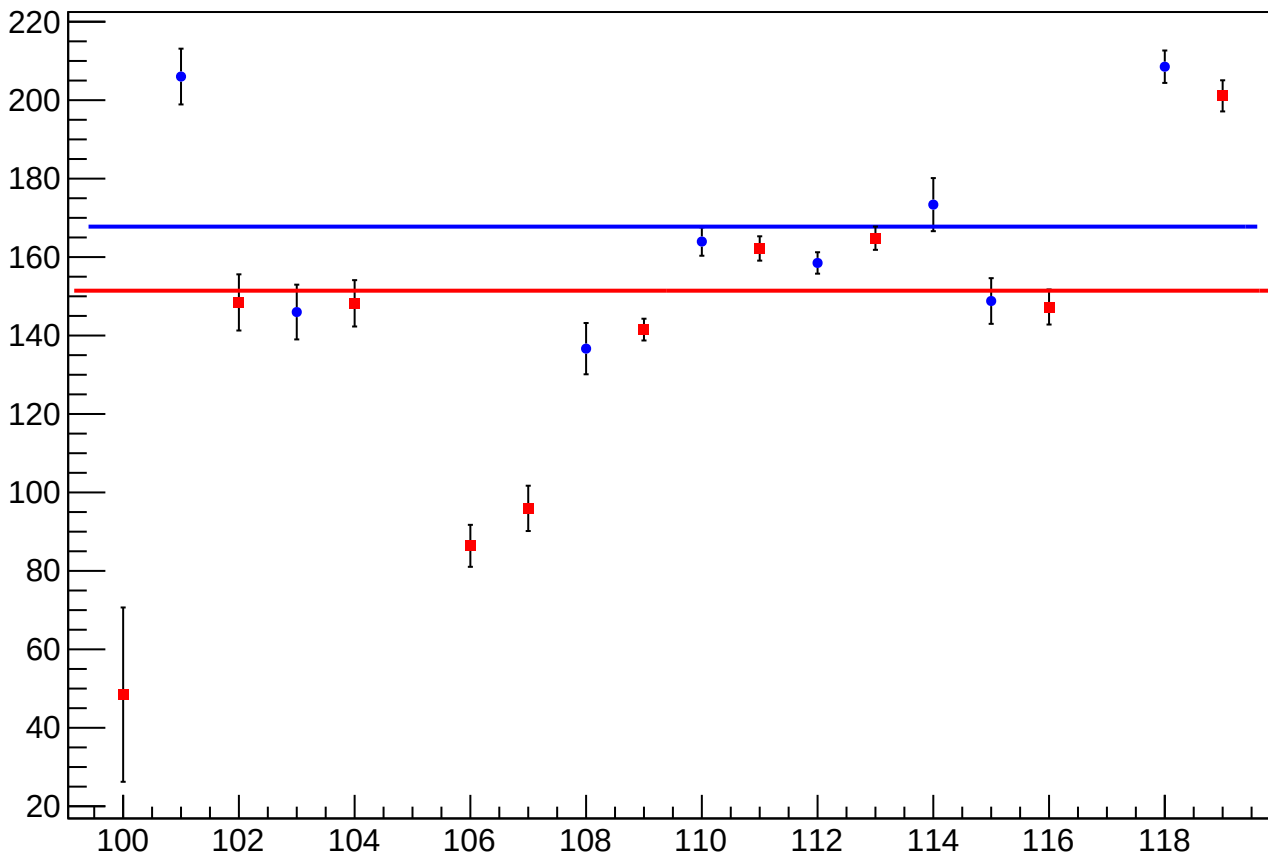
Right: 101.010+/-0.070 χ^2/NDF : 216467.6/17

In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.010+/-0.070 χ^2/NDF : 216467.6/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 167.765+/-1.614 χ^2/NDF : 182.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.433+/-1.317 χ^2/NDF : 464.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

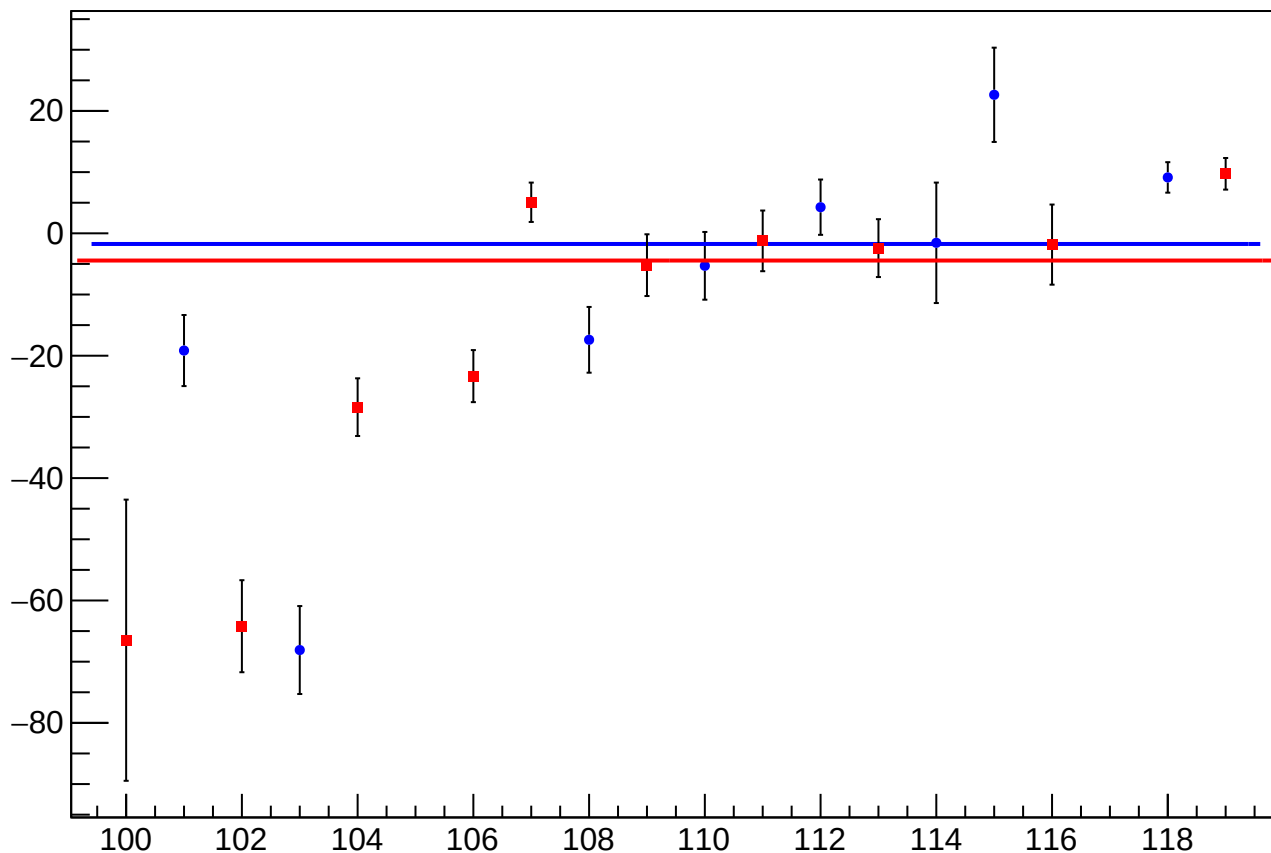
Right: 157.965+/-1.020 χ^2/NDF : 708.8/17

In: 167.765+/-1.614 χ^2/NDF : 182.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.965+/-1.020 χ^2/NDF : 708.8/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.741+/-1.682 χ^2 /NDF: 134.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.446+/-1.394 χ^2 /NDF: 155.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

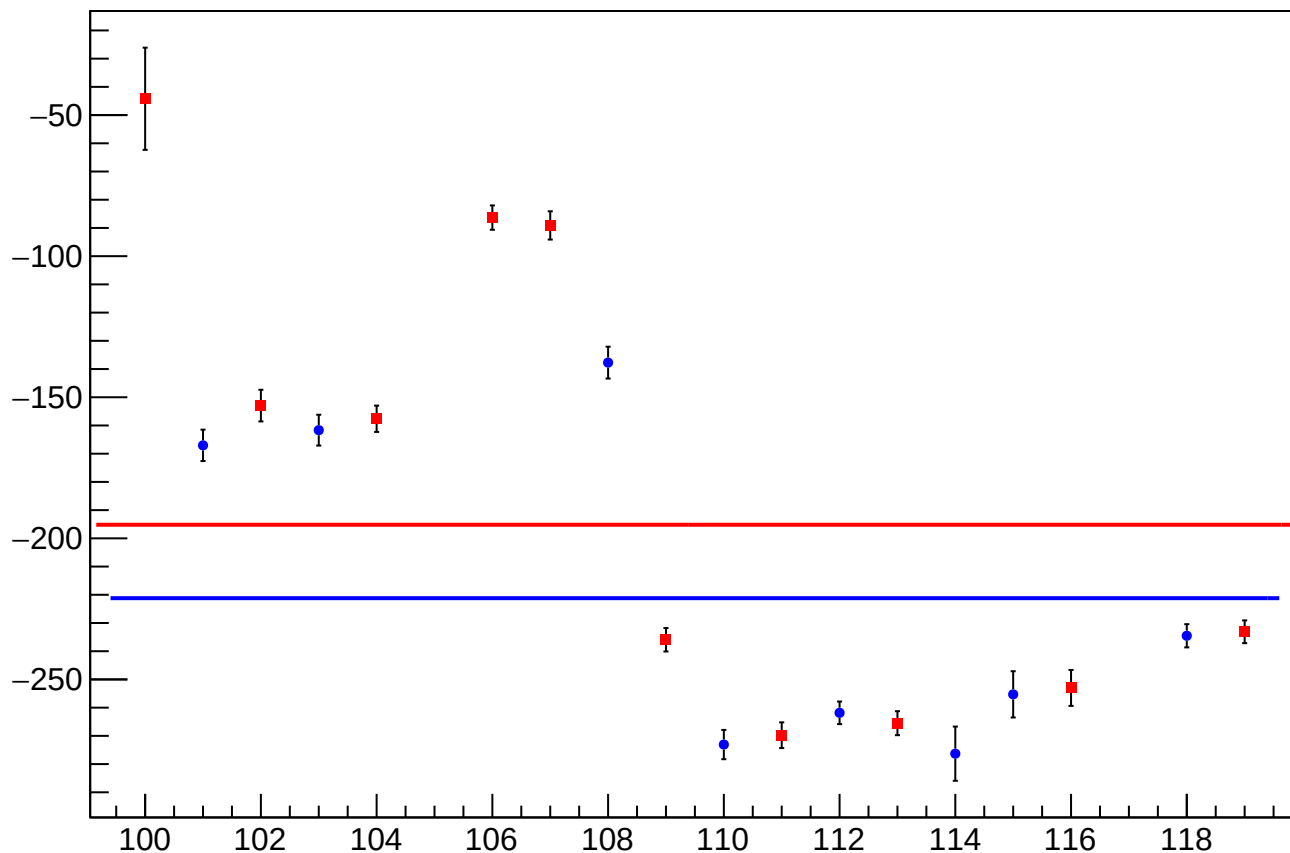
Right: -3.344+/-1.073 χ^2 /NDF: 291.2/17

In: -1.741+/-1.682 χ^2 /NDF:134.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.344+/-1.073 χ^2 /NDF: 291.2/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.188+/-1.540 χ^2/NDF : 2084.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

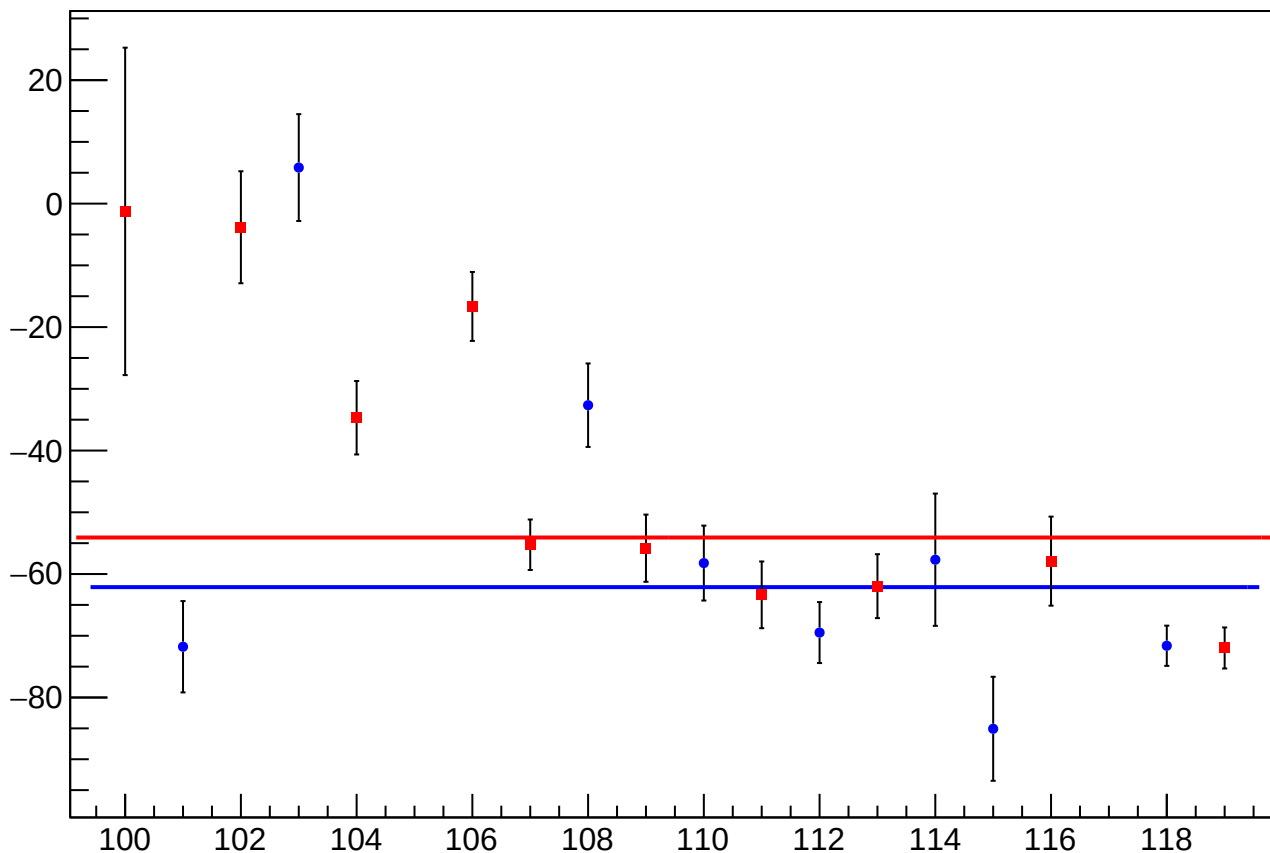
Right: -205.603+/-1.192 χ^2/NDF : 2894.7/17

In: -221.204+/-1.884 χ^2/NDF : 696.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.603+/-1.192 χ^2/NDF : 2894.7/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -62.120 $\pm$ 2.047 χ^2 /NDF: 101.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -54.083 $\pm$ 1.693 χ^2 /NDF: 124.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

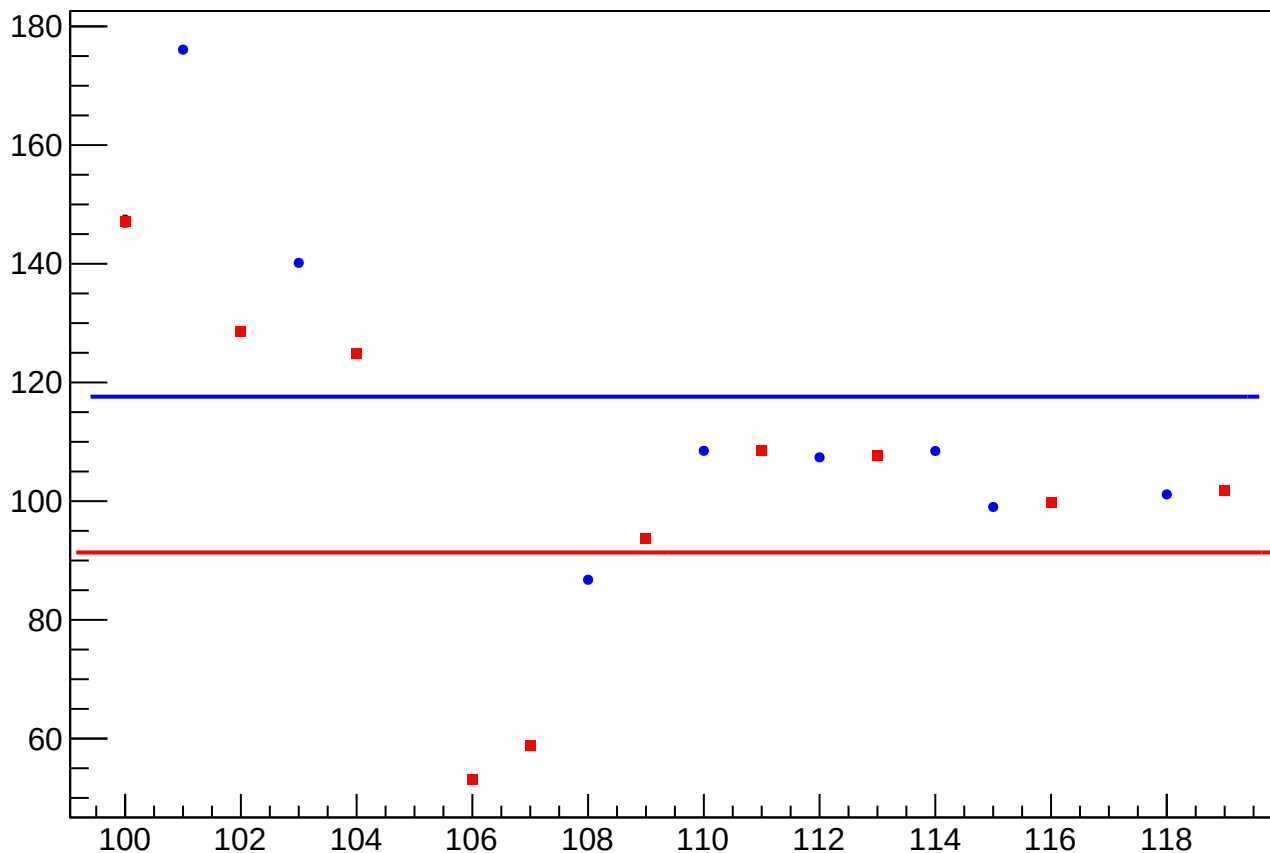
Right: -57.348 $\pm$ 1.305 χ^2 /NDF: 235.2/17

In: -62.120 $\pm$ 2.047 χ^2 /NDF:101.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -57.348 $\pm$ 1.305 χ^2 /NDF: 235.2/17

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.359+/-0.087 χ^2/NDF : 119734.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

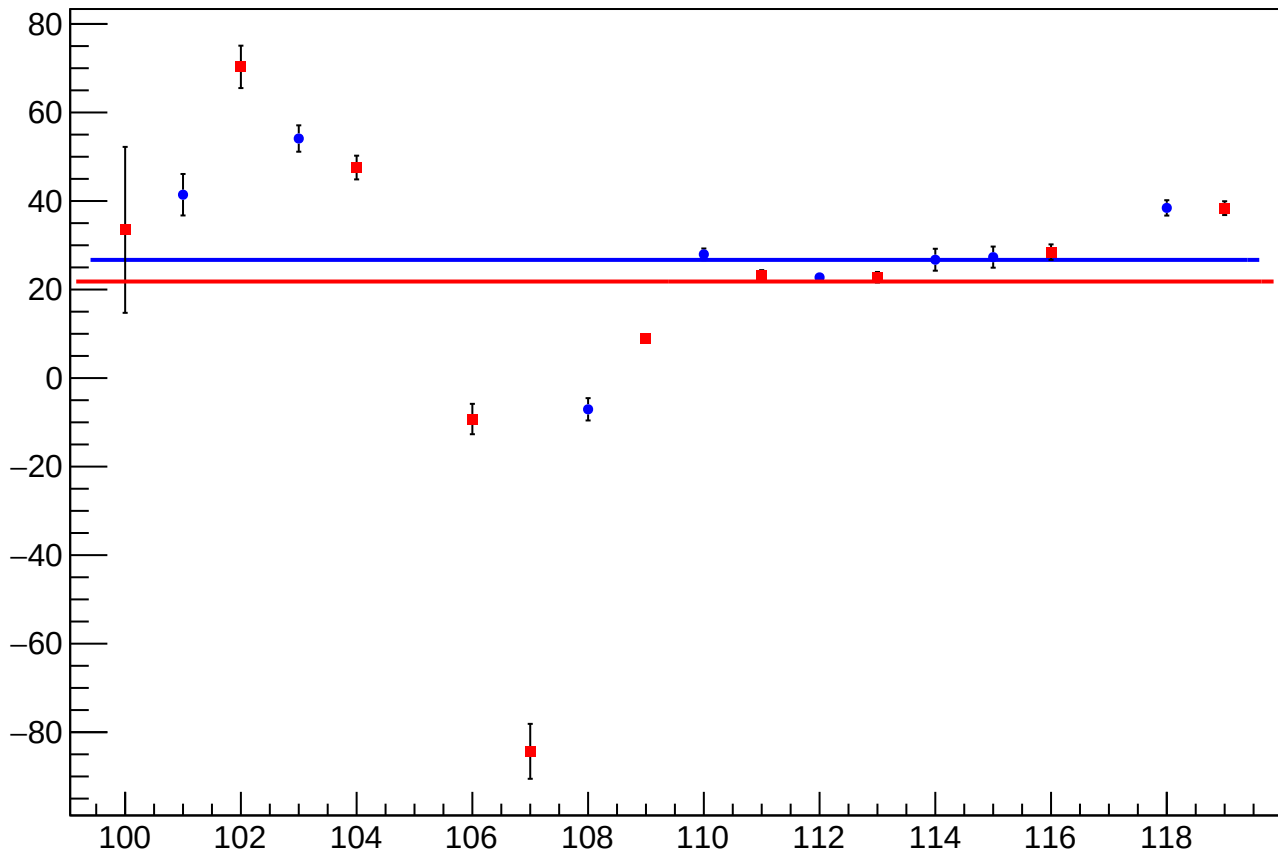
Right: 101.010+/-0.070 χ^2/NDF : 216467.6/17

In: 117.611+/-0.115 χ^2/NDF : 63570.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.010+/-0.070 χ^2/NDF : 216467.6/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 26.698 $\pm$ 0.650 χ^2 /NDF: 333.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.812 $\pm$ 0.551 χ^2 /NDF: 839.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

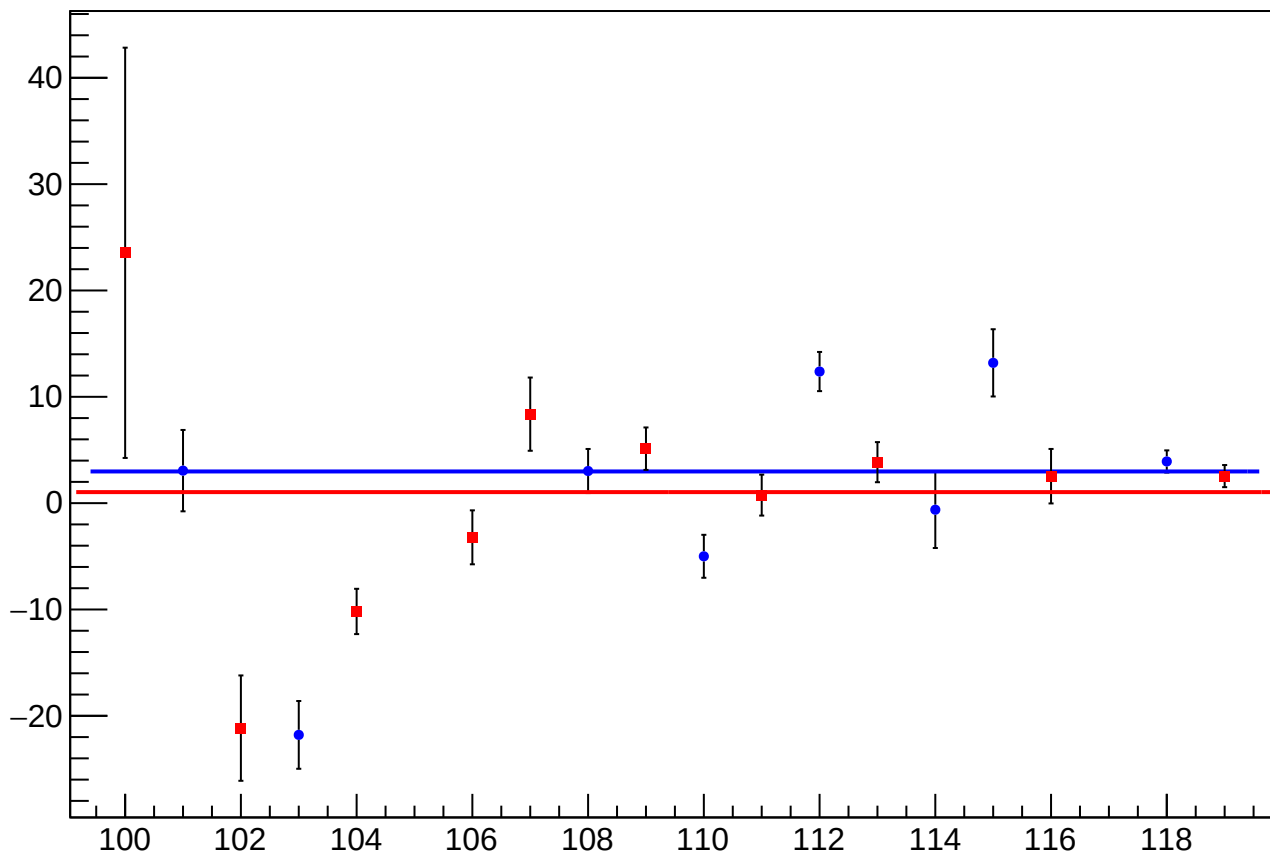
Right: 23.856 $\pm$ 0.420 χ^2 /NDF: 1205.9/17

In: 26.698 $\pm$ 0.650 χ^2 /NDF: 333.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.856 $\pm$ 0.420 χ^2 /NDF: 1205.9/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.981+/-0.701 χ^2/NDF : 114.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.039+/-0.648 χ^2/NDF : 65.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

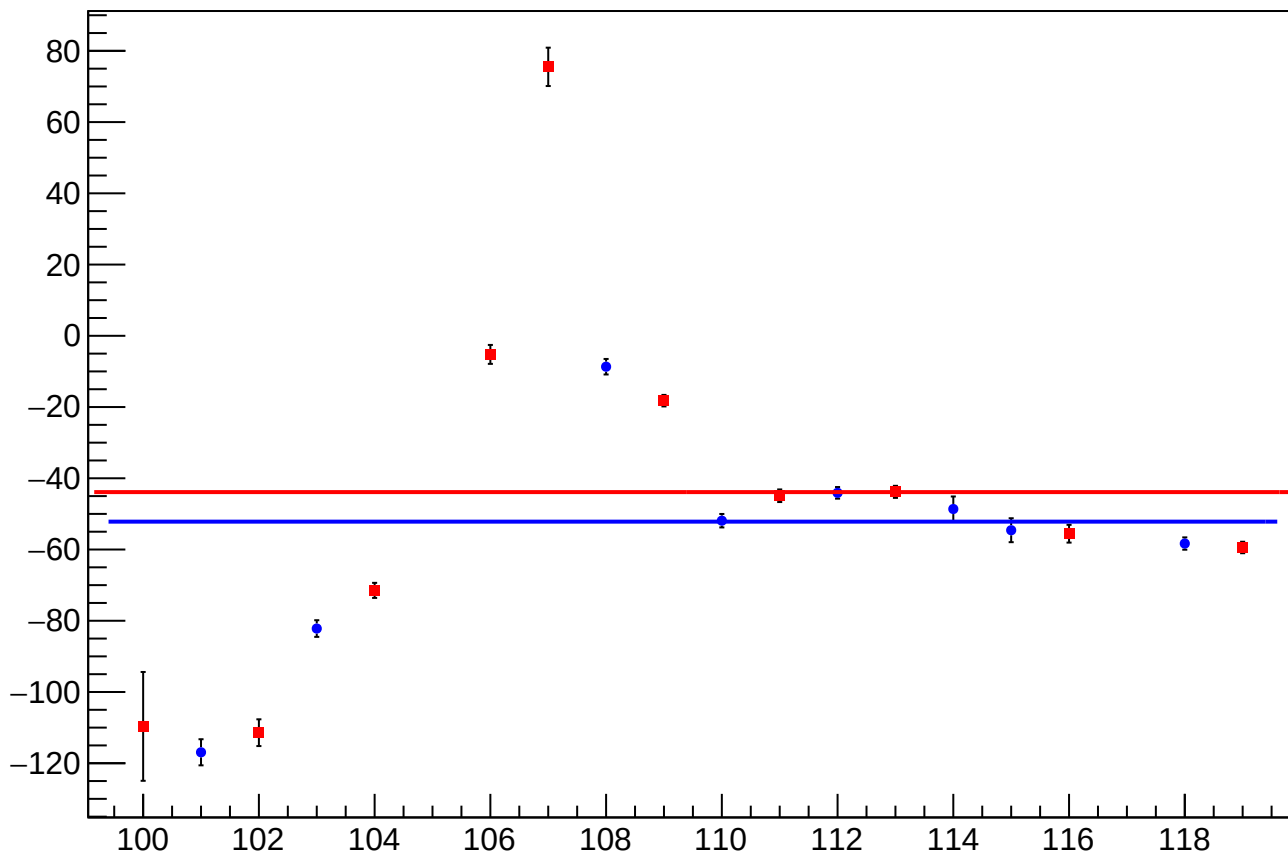
Right: 1.934+/-0.476 χ^2/NDF : 183.9/17

In: 2.981+/-0.701 χ^2/NDF : 114.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.934+/-0.476 χ^2/NDF : 183.9/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.173+/-0.783 χ^2/NDF : 914.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.880+/-0.694 χ^2/NDF : 1583.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

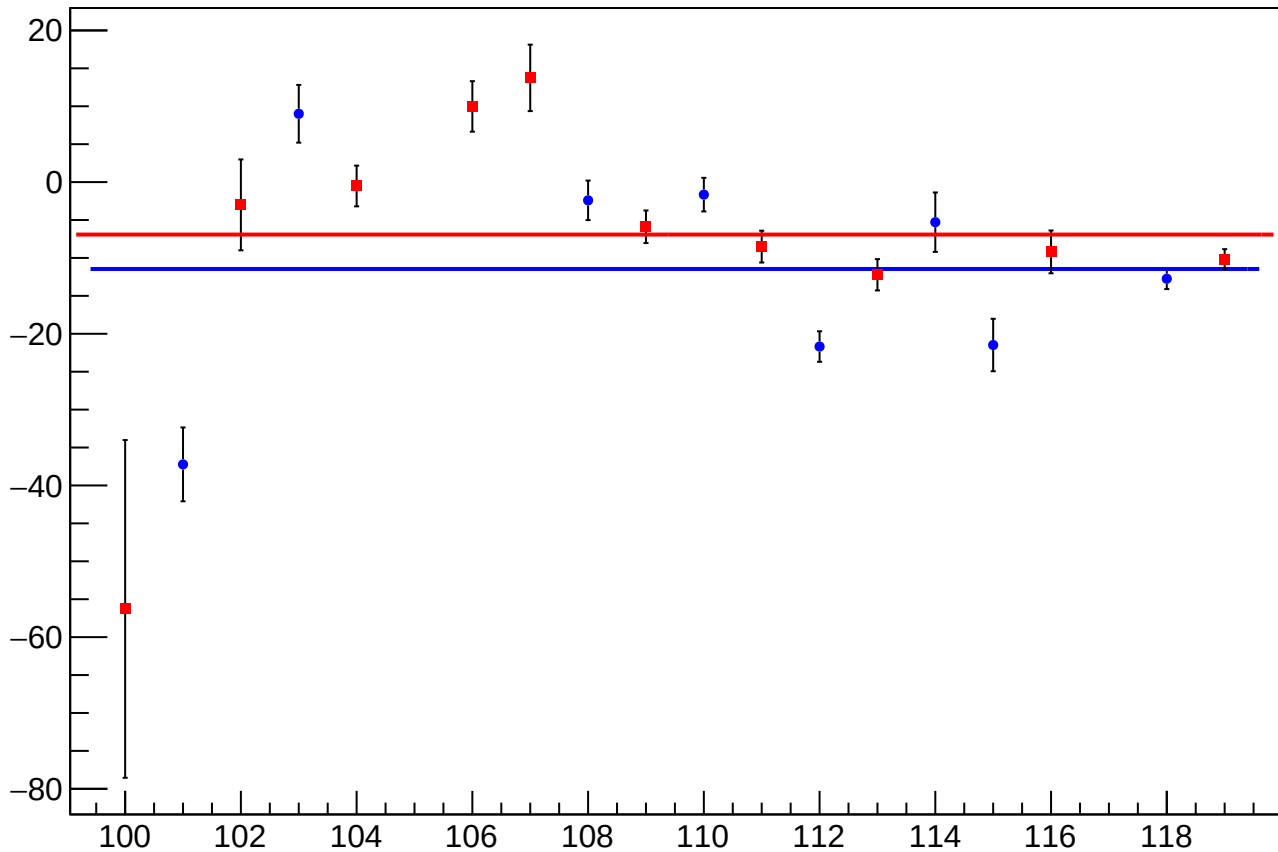
Right: -47.530+/-0.520 χ^2/NDF : 2561.3/17

In: -52.173+/-0.783 χ^2/NDF : 914.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.530+/-0.520 χ^2/NDF : 2561.3/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.455+/-0.846 χ^2/NDF : 126.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.917+/-0.772 χ^2/NDF : 73.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

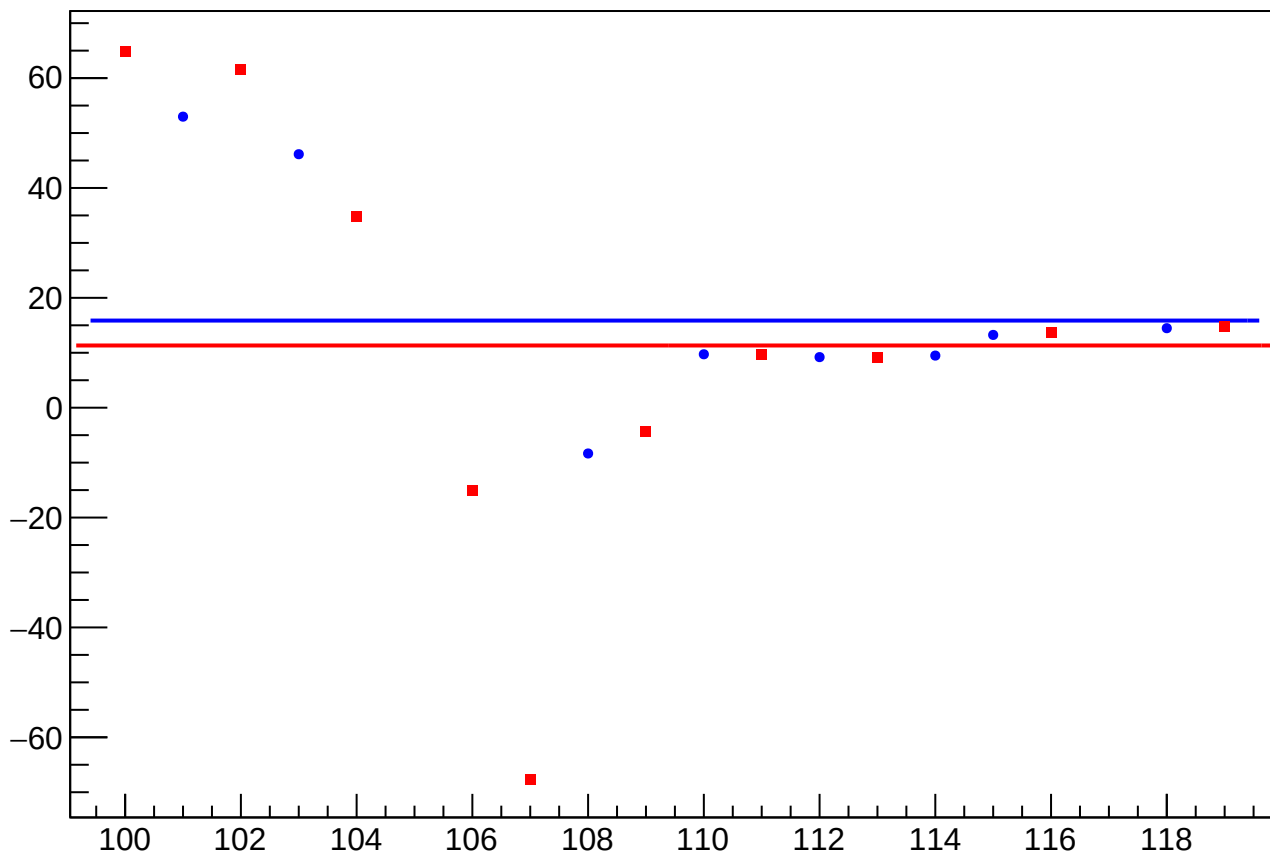
Right: -8.980+/-0.570 χ^2/NDF : 215.0/17

In: -11.455+/-0.846 χ^2/NDF : 126.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.980+/-0.570 χ^2/NDF : 215.0/17

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 15.861+/-0.048 χ^2/NDF : 204190.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.325+/-0.045 χ^2/NDF : 343045.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

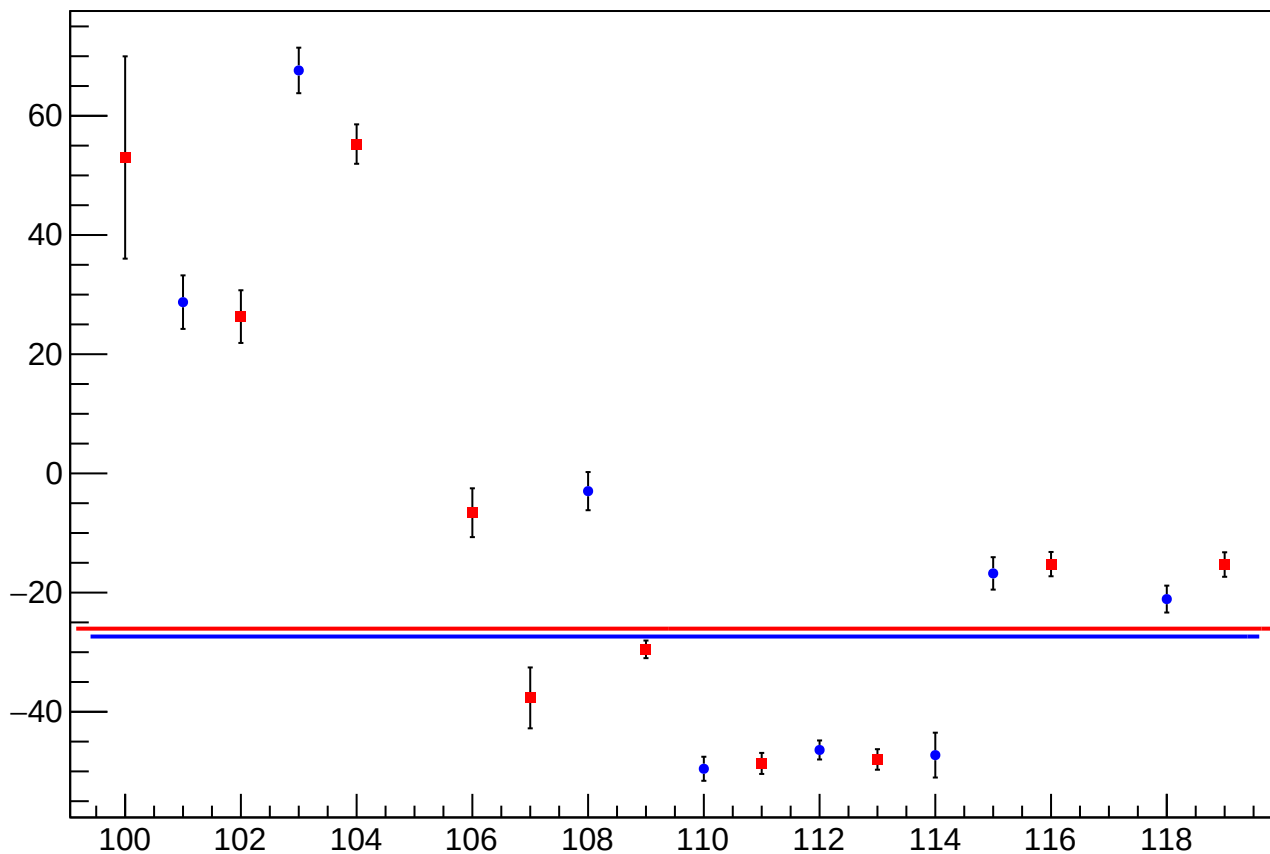
Right: 13.471+/-0.033 χ^2/NDF : 551996.2/17

In: 15.861+/-0.048 χ^2/NDF : 204190.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.471+/-0.033 χ^2/NDF : 551996.2/17

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.370+/-0.892 χ^2/NDF : 1146.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.049+/-0.738 χ^2/NDF : 1181.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

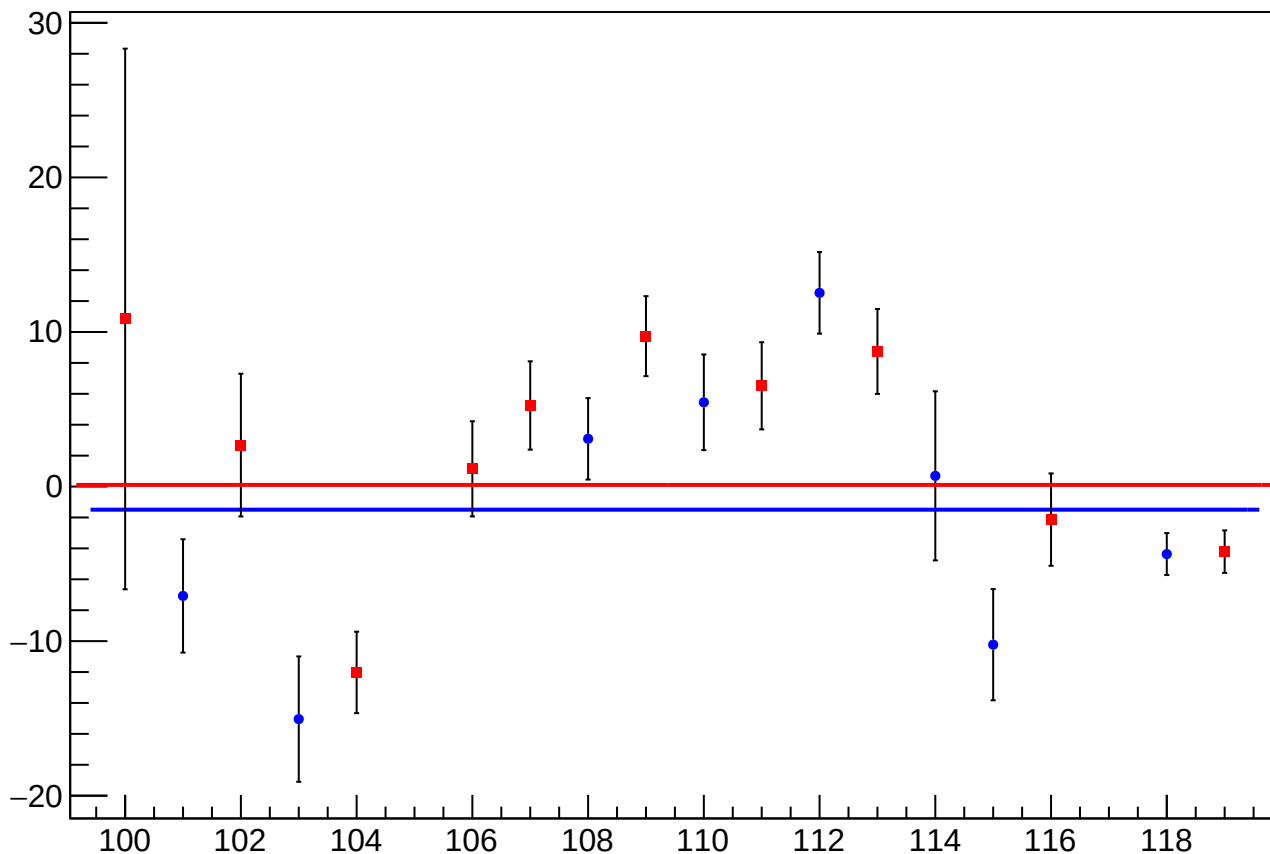
Right: -26.585+/-0.568 χ^2/NDF : 2329.0/17

In: -27.370+/-0.892 χ^2/NDF : 1146.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.585+/-0.568 χ^2/NDF : 2329.0/17

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.496+/-0.920 χ^2/NDF : 60.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.106+/-0.824 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

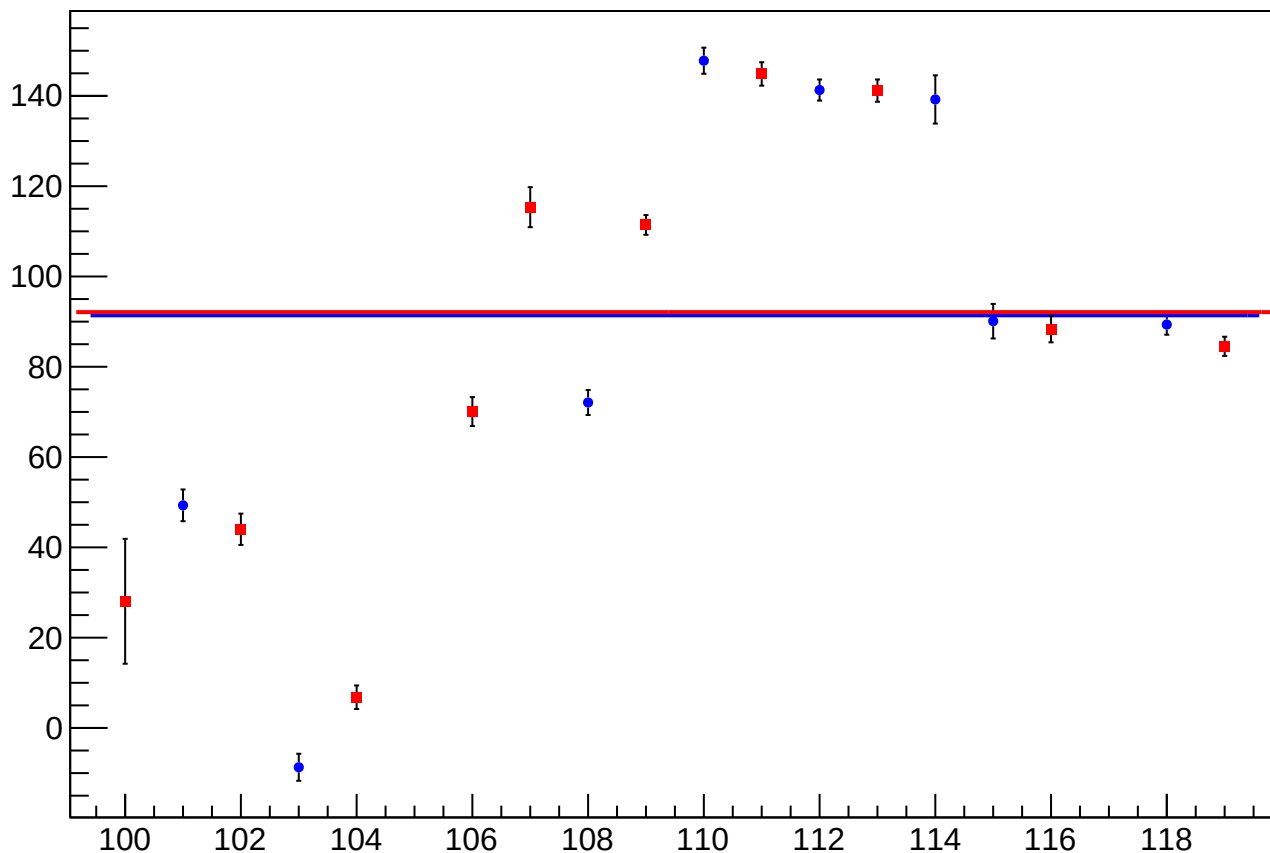
Right: -0.607+/-0.614 χ^2/NDF : 126.5/17

In: -1.496+/-0.920 χ^2/NDF : 60.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.607+/-0.614 χ^2/NDF : 126.5/17

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 91.399+/-1.038 χ^2/NDF : 2225.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.107+/-0.896 χ^2/NDF : 2258.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

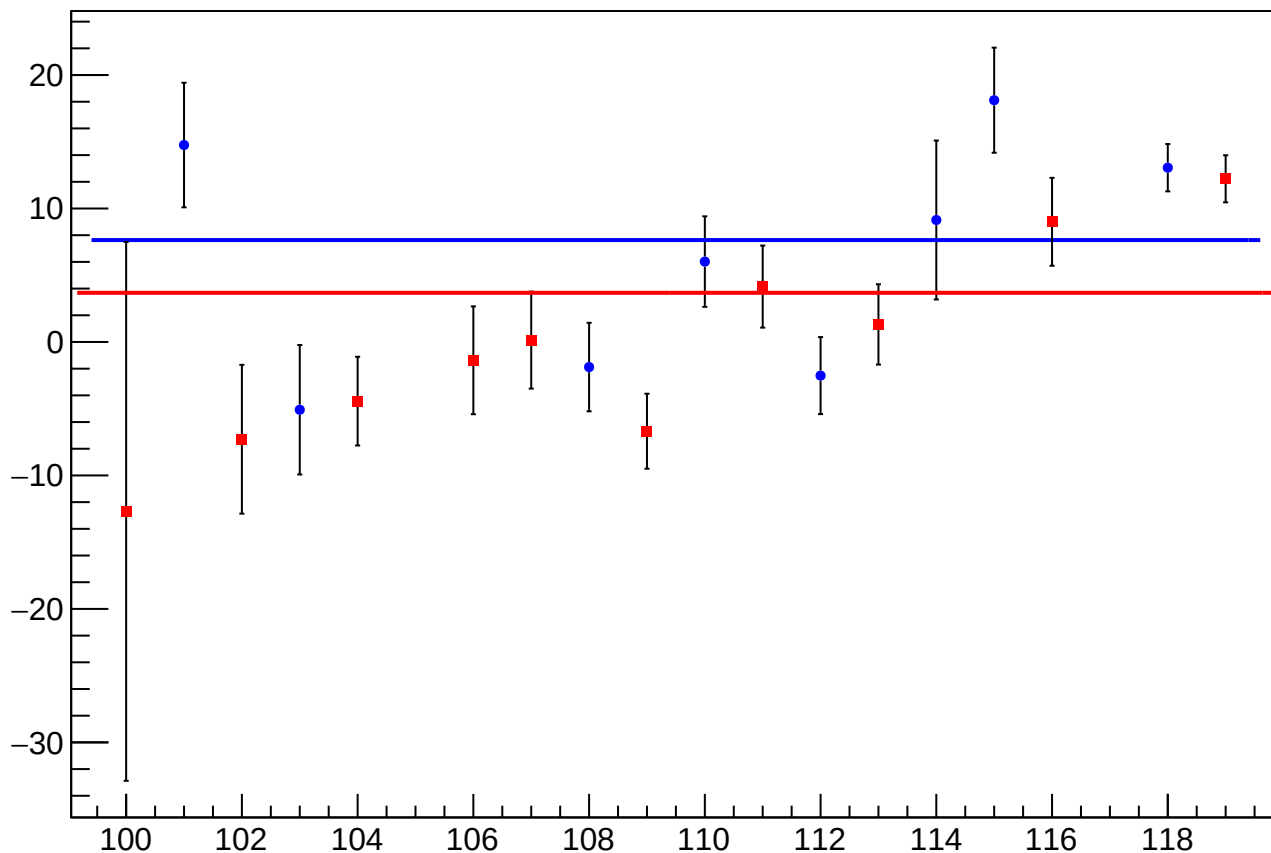
Right: 91.805+/-0.678 χ^2/NDF : 4485.1/17

In: 91.399+/-1.038 χ^2/NDF : 2225.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.805+/-0.678 χ^2/NDF : 4485.1/17

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 7.635+/-1.120 χ^2/NDF : 46.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.685+/-0.991 χ^2/NDF : 53.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

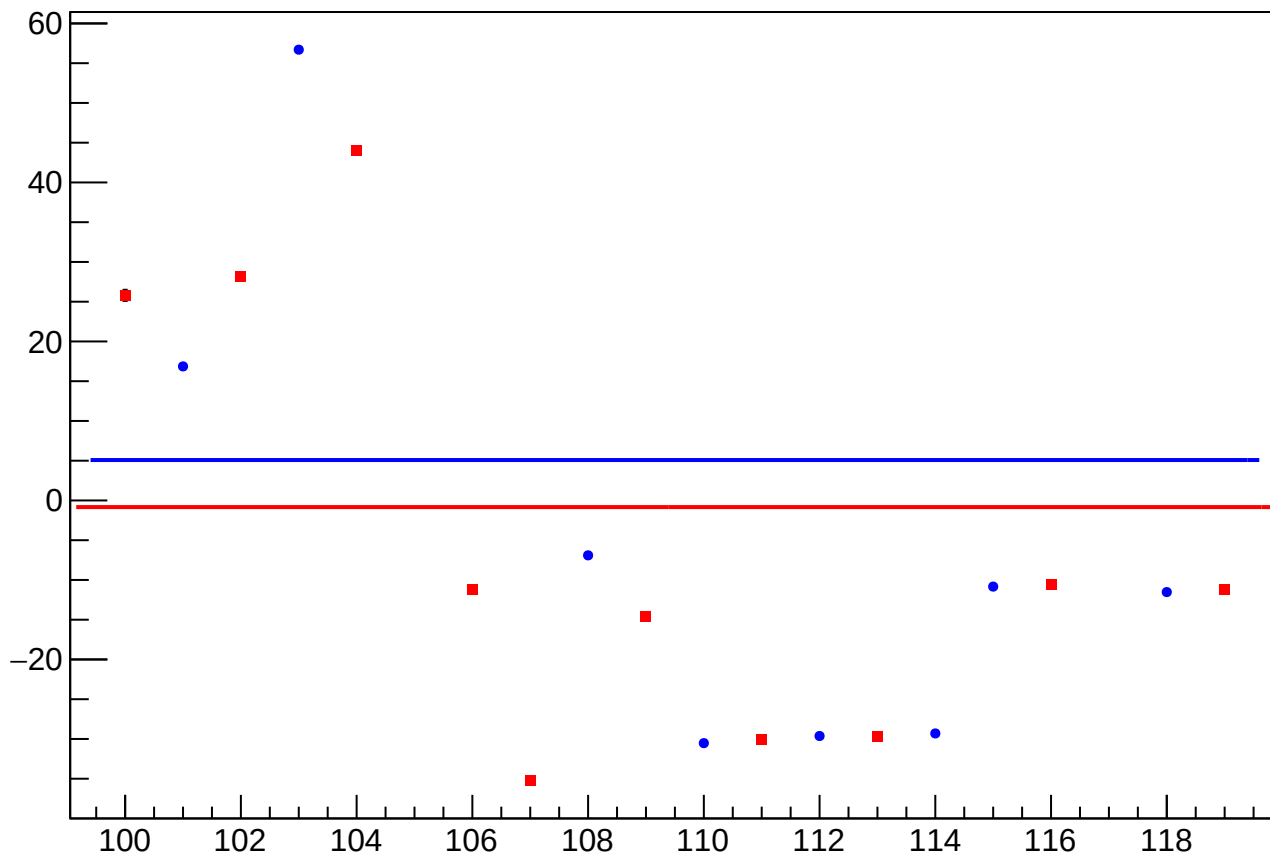
Right: 5.418+/-0.742 χ^2/NDF : 106.8/17

In: 7.635+/-1.120 χ^2/NDF : 46.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.418+/-0.742 χ^2/NDF : 106.8/17

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 5.084+/-0.062 χ^2/NDF : 259865.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.833+/-0.055 χ^2/NDF : 263764.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

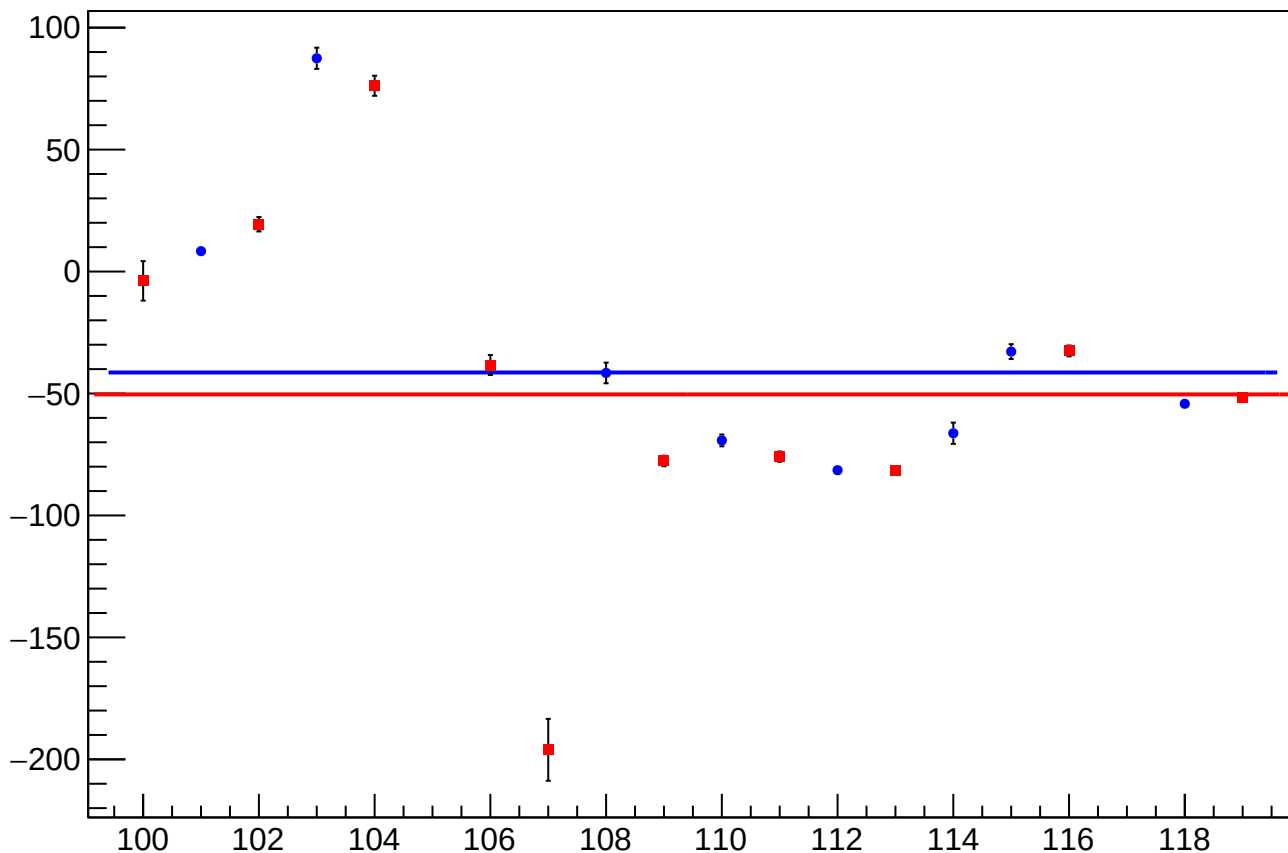
Right: 1.783+/-0.041 χ^2/NDF : 528754.5/17

In: 5.084+/-0.062 χ^2/NDF : 259865.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.783+/-0.041 χ^2/NDF : 528754.5/17

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.379 ± 0.914 χ^2/NDF : 2146.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -50.364 ± 0.839 χ^2/NDF : 2286.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

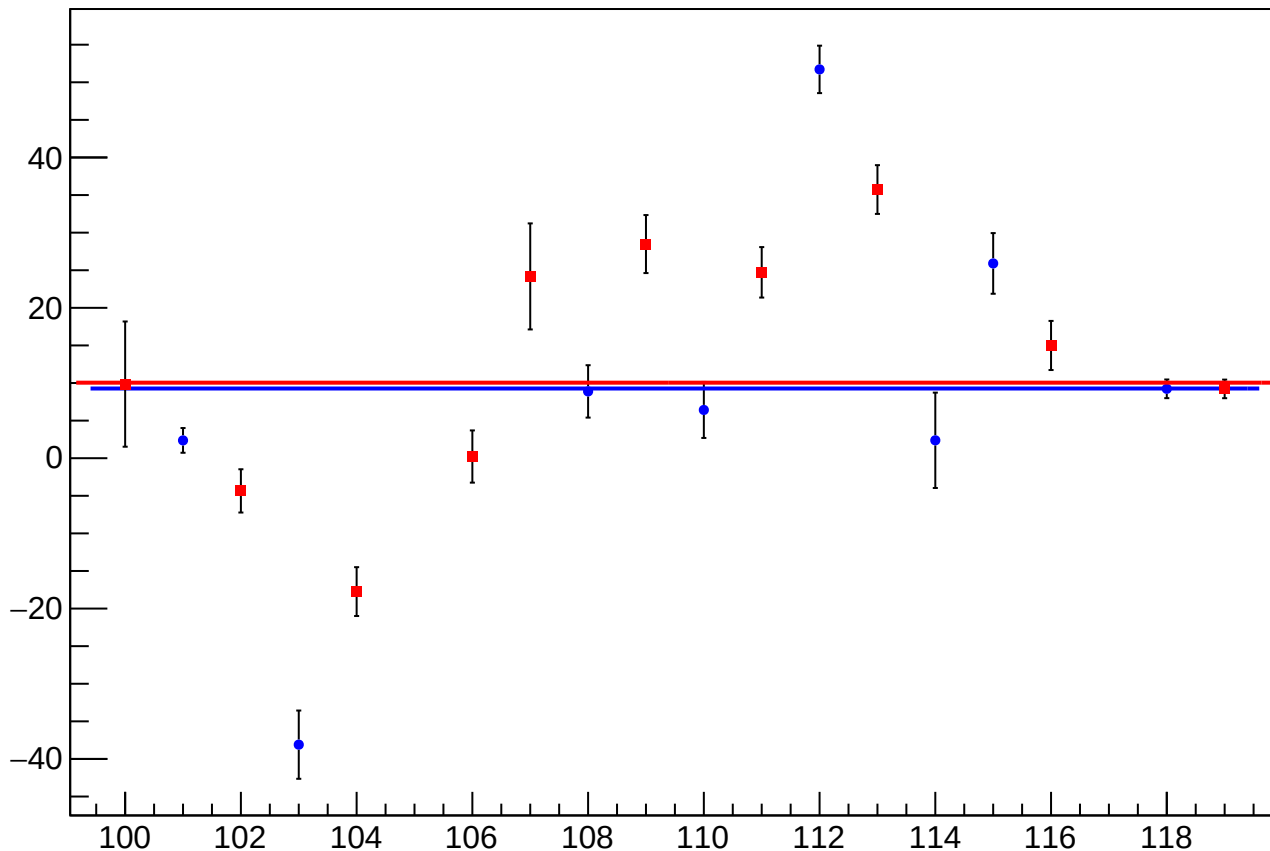
Right: -46.259 ± 0.618 χ^2/NDF : 4485.6/17

In: -41.379 ± 0.914 χ^2/NDF : 2146.8/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.259 ± 0.618 χ^2/NDF : 4485.6/17

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.269+/-0.842 χ^2/NDF : 326.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.046+/-0.866 χ^2/NDF : 217.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

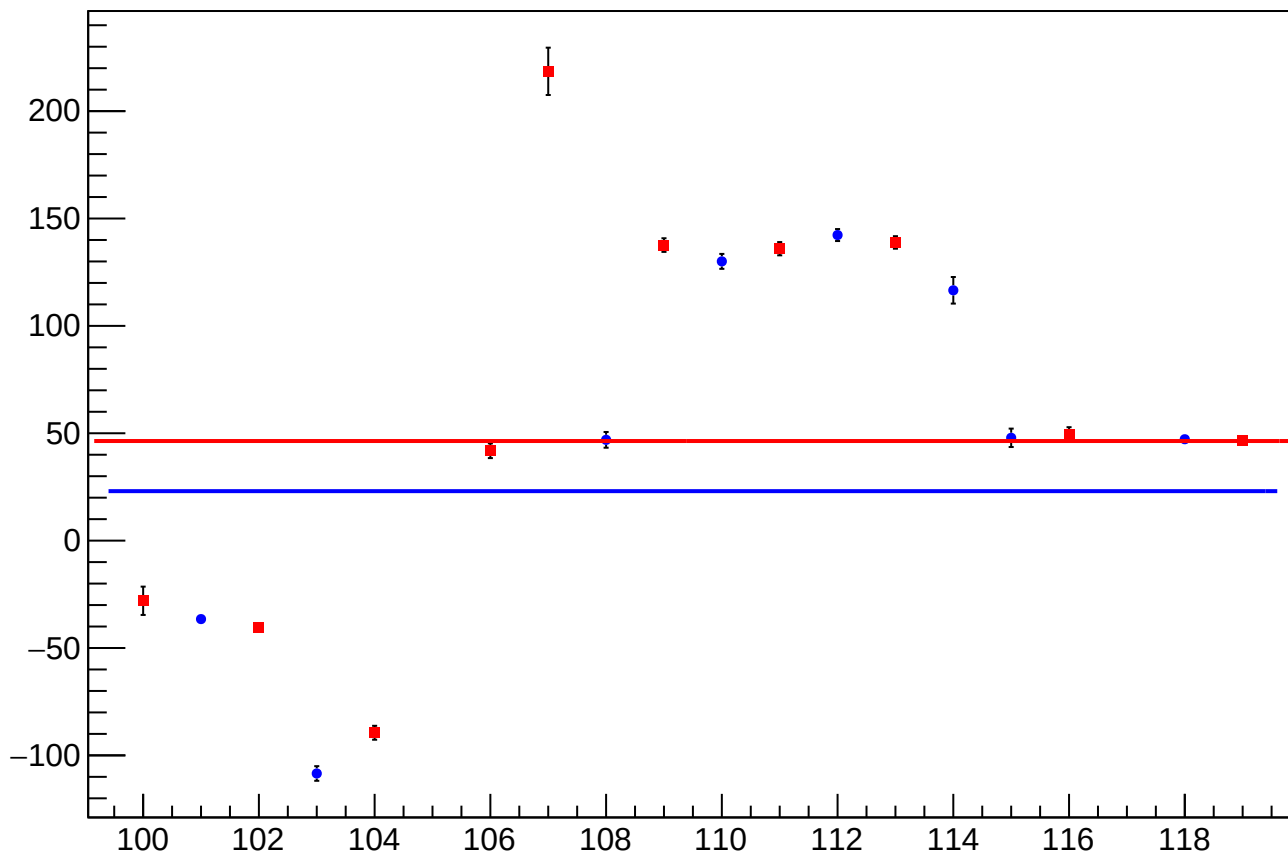
Right: 9.647+/-0.604 χ^2/NDF : 544.4/17

In: 9.269+/-0.842 χ^2/NDF : 326.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.647+/-0.604 χ^2/NDF : 544.4/17

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 23.043+/-0.956 χ^2 /NDF: 6142.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 46.384+/-0.958 χ^2 /NDF: 6208.6/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

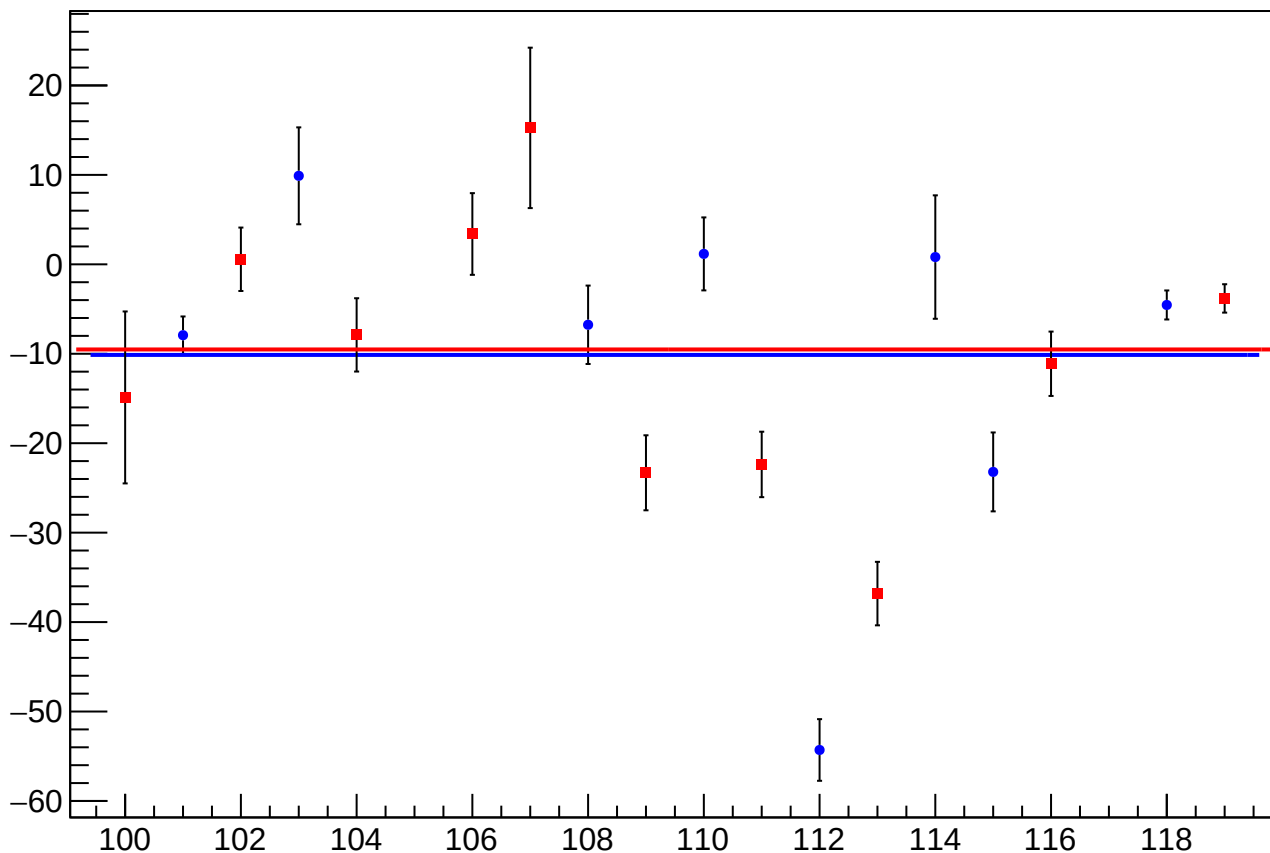
Right: 34.696+/-0.677 χ^2 /NDF: 12648.1/17

In: 23.043+/-0.956 χ^2 /NDF:6142.1/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 34.696+/-0.677 χ^2 /NDF: 12648.1/17

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.128+/-1.048 χ^2/NDF : 210.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -9.518+/-1.057 χ^2/NDF : 119.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

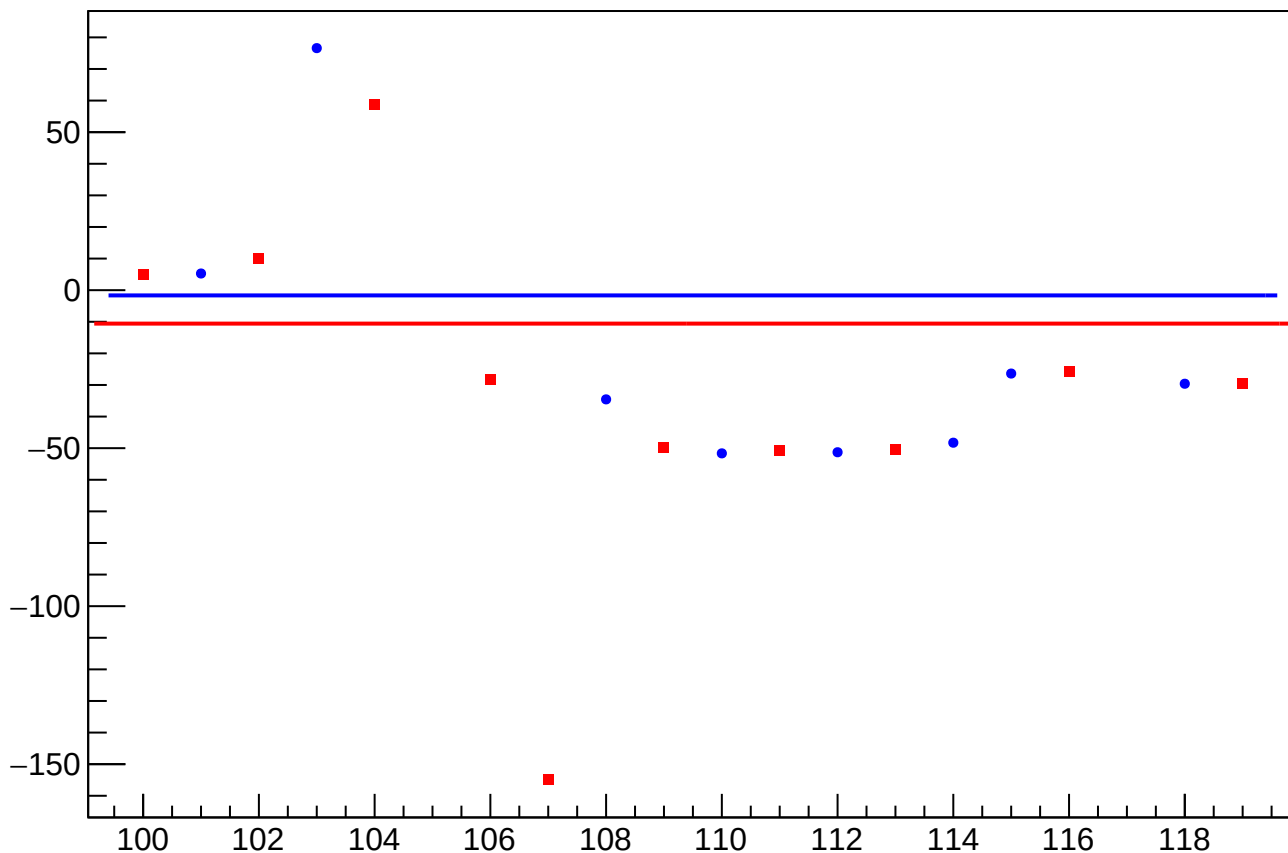
Right: -9.826+/-0.744 χ^2/NDF : 330.2/17

In: -10.128+/-1.048 χ^2/NDF :210.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.826+/-0.744 χ^2/NDF : 330.2/17

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.656+/-0.058 χ^2/NDF : 483089.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.581+/-0.057 χ^2/NDF : 465797.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

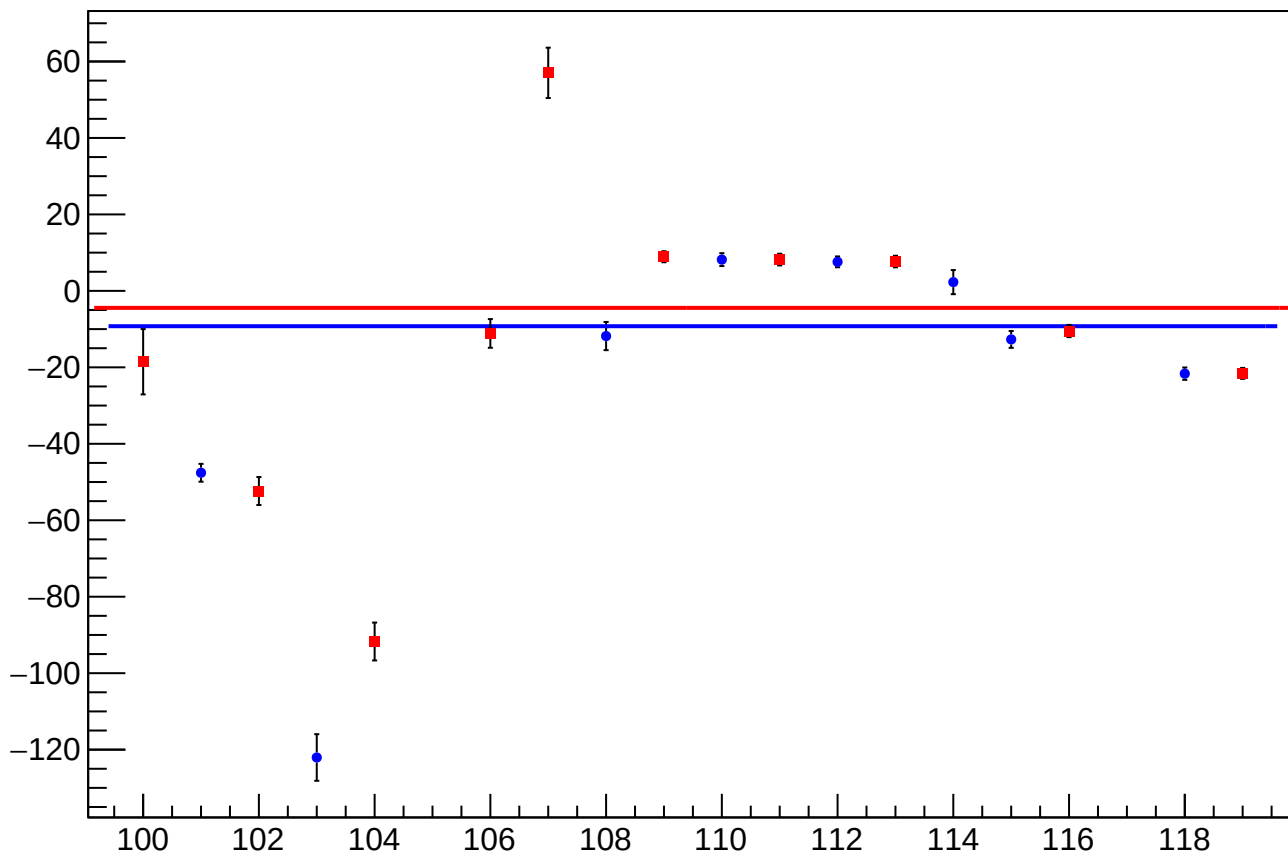
Right: -6.215+/-0.041 χ^2/NDF : 960863.7/17

In: -1.656+/-0.058 χ^2/NDF : 483089.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.215+/-0.041 χ^2/NDF : 960863.7/17

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -9.242+/-0.740 χ^2/NDF : 936.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.445+/-0.639 χ^2/NDF : 951.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

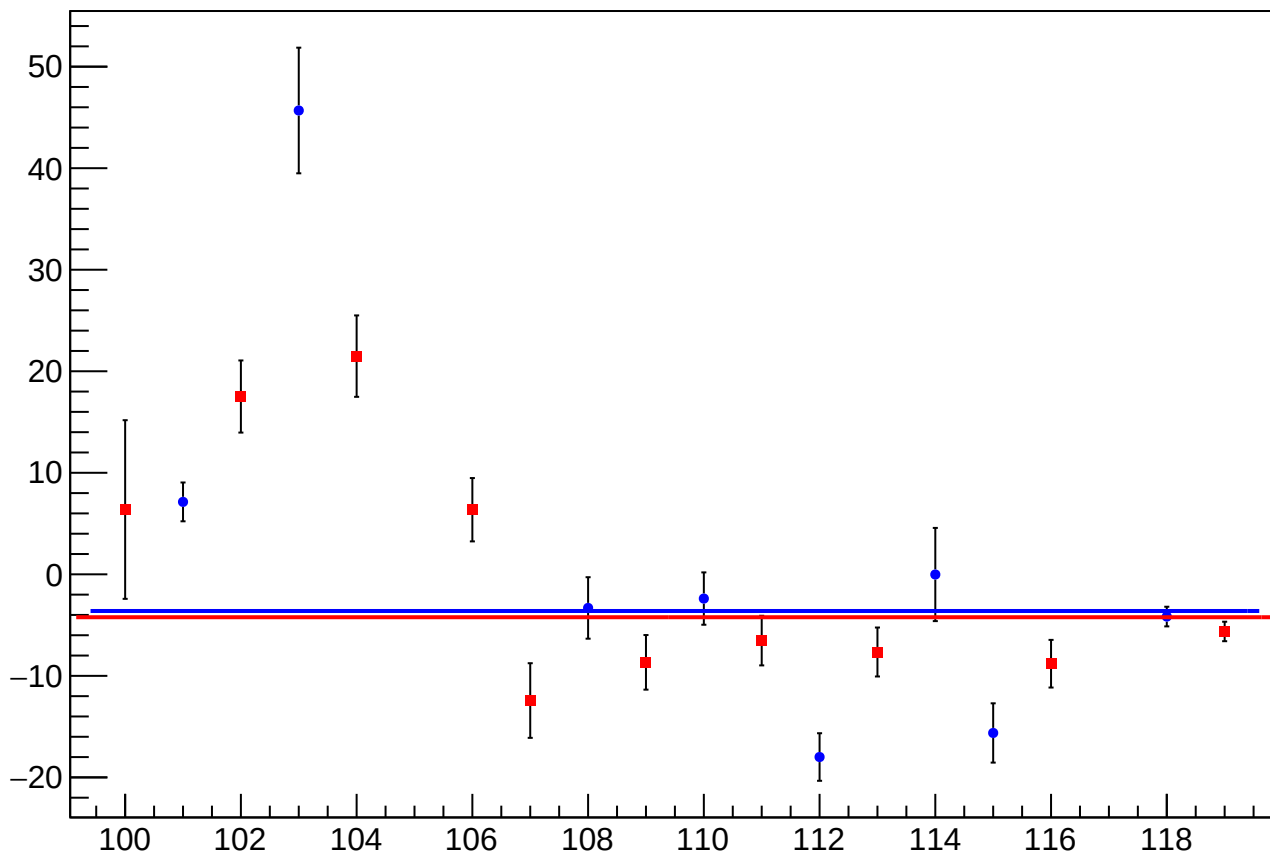
Right: -6.496+/-0.483 χ^2/NDF : 1912.3/17

In: -9.242+/-0.740 χ^2/NDF :936.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.496+/-0.483 χ^2/NDF : 1912.3/17

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.611 $\pm$ 0.712 χ^2 /NDF: 150.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.226 $\pm$ 0.694 χ^2 /NDF: 108.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

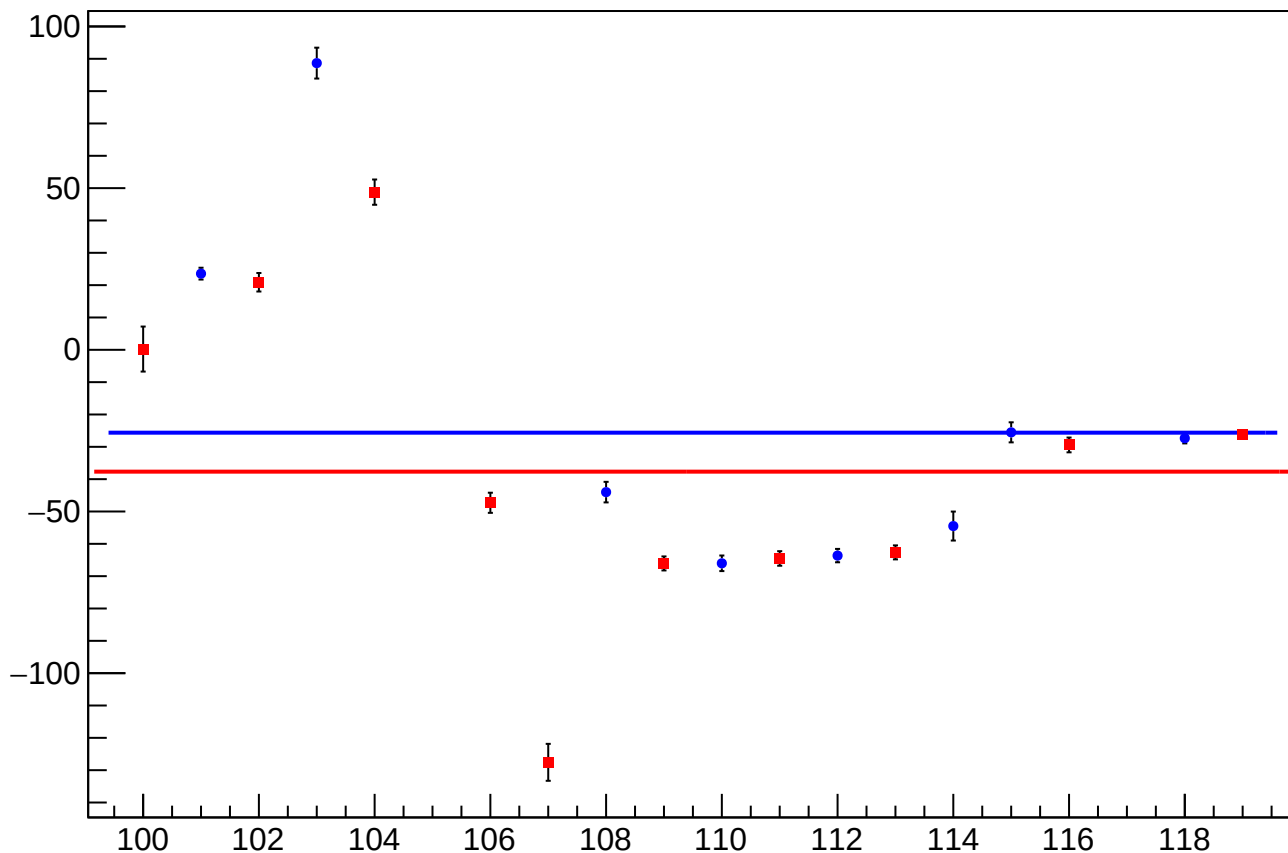
Right: -3.926 $\pm$ 0.497 χ^2 /NDF: 259.4/17

In: -3.611 $\pm$ 0.712 χ^2 /NDF:150.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.926 $\pm$ 0.497 χ^2 /NDF: 259.4/17

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -25.625+/-0.848 χ^2/NDF : 1991.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.678+/-0.787 χ^2/NDF : 1716.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

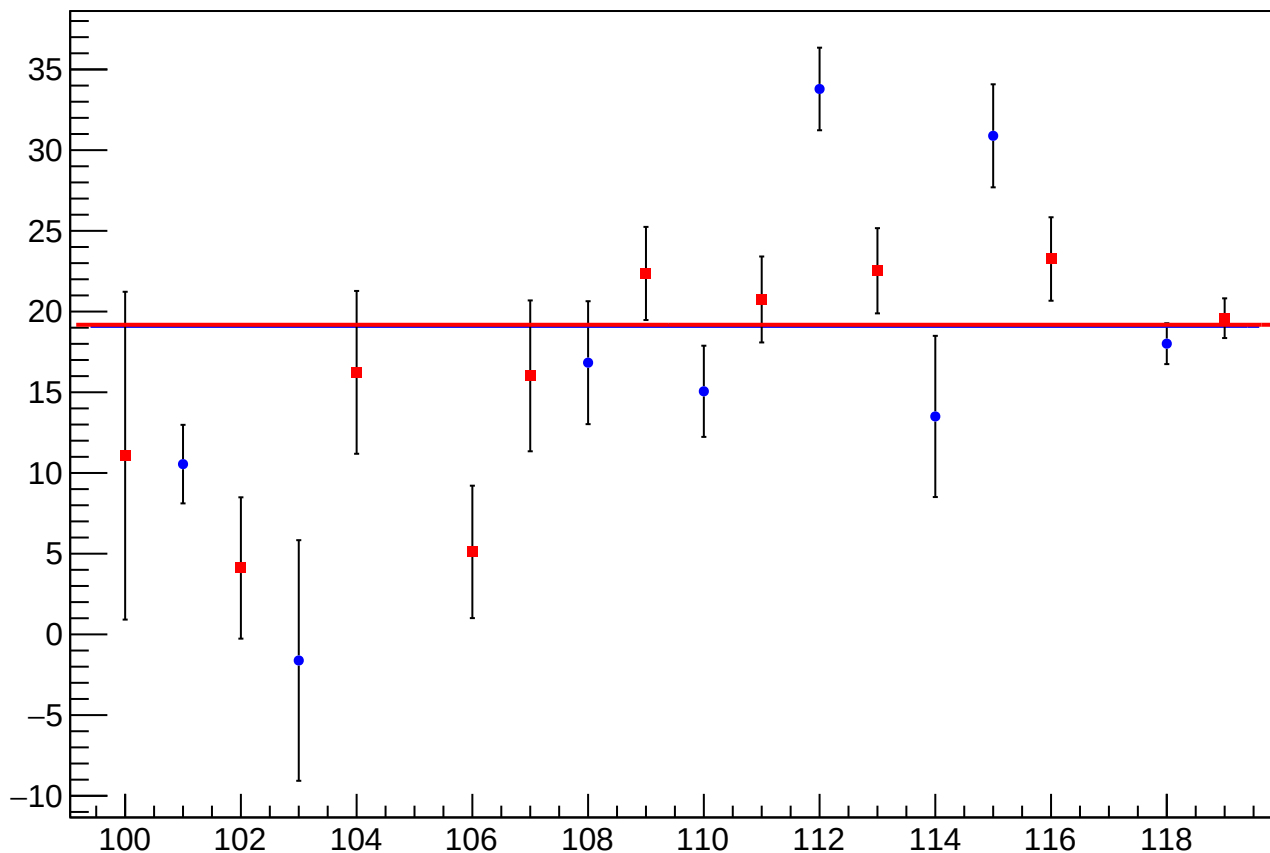
Right: -32.103+/-0.577 χ^2/NDF : 3816.3/17

In: -25.625+/-0.848 χ^2/NDF : 1991.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.103+/-0.577 χ^2/NDF : 3816.3/17

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.113+/-0.878 χ^2/NDF : 71.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.182+/-0.839 χ^2/NDF : 30.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

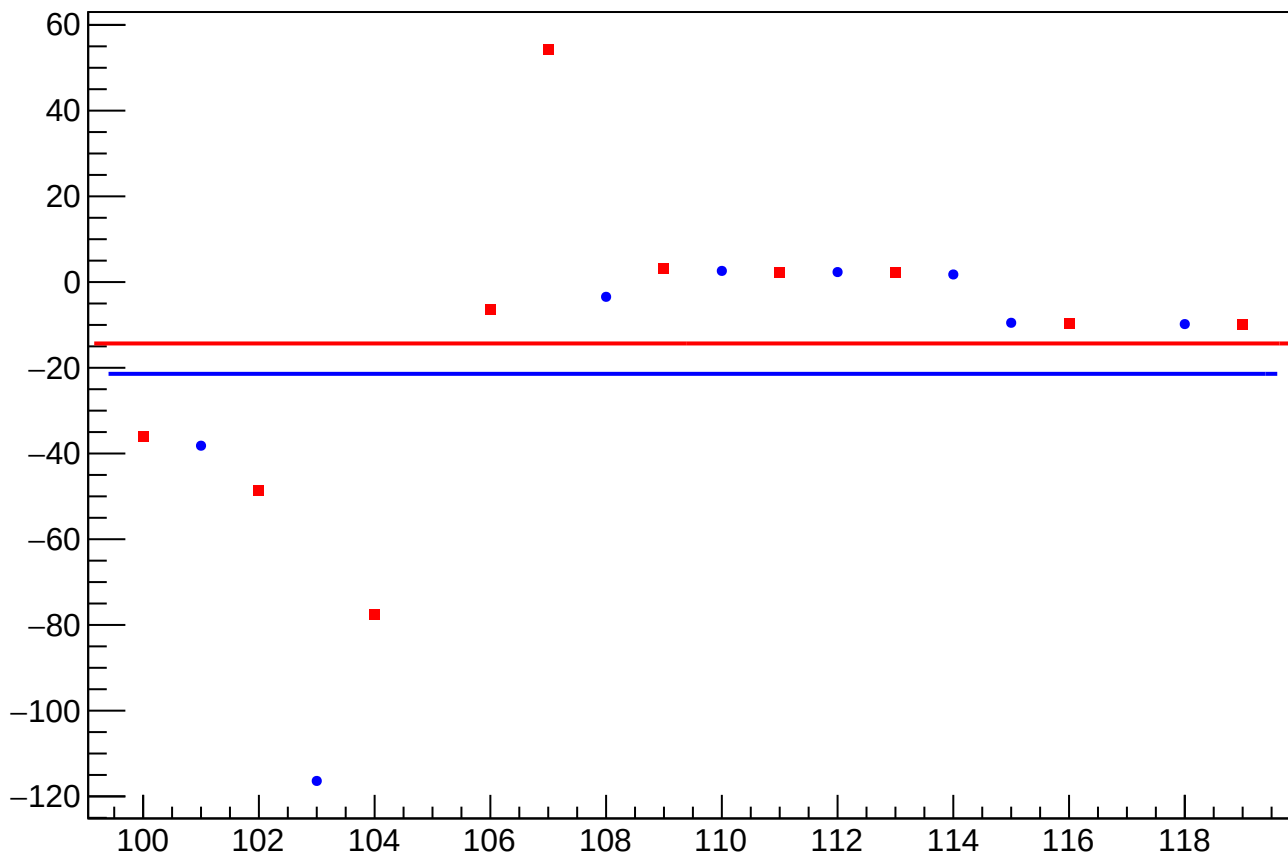
Right: 19.149+/-0.607 χ^2/NDF : 101.9/17

In: 19.113+/-0.878 χ^2/NDF : 71.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.149+/-0.607 χ^2/NDF : 101.9/17

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -21.411+/-0.056 χ^2/NDF : 314113.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.324+/-0.051 χ^2/NDF : 309283.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

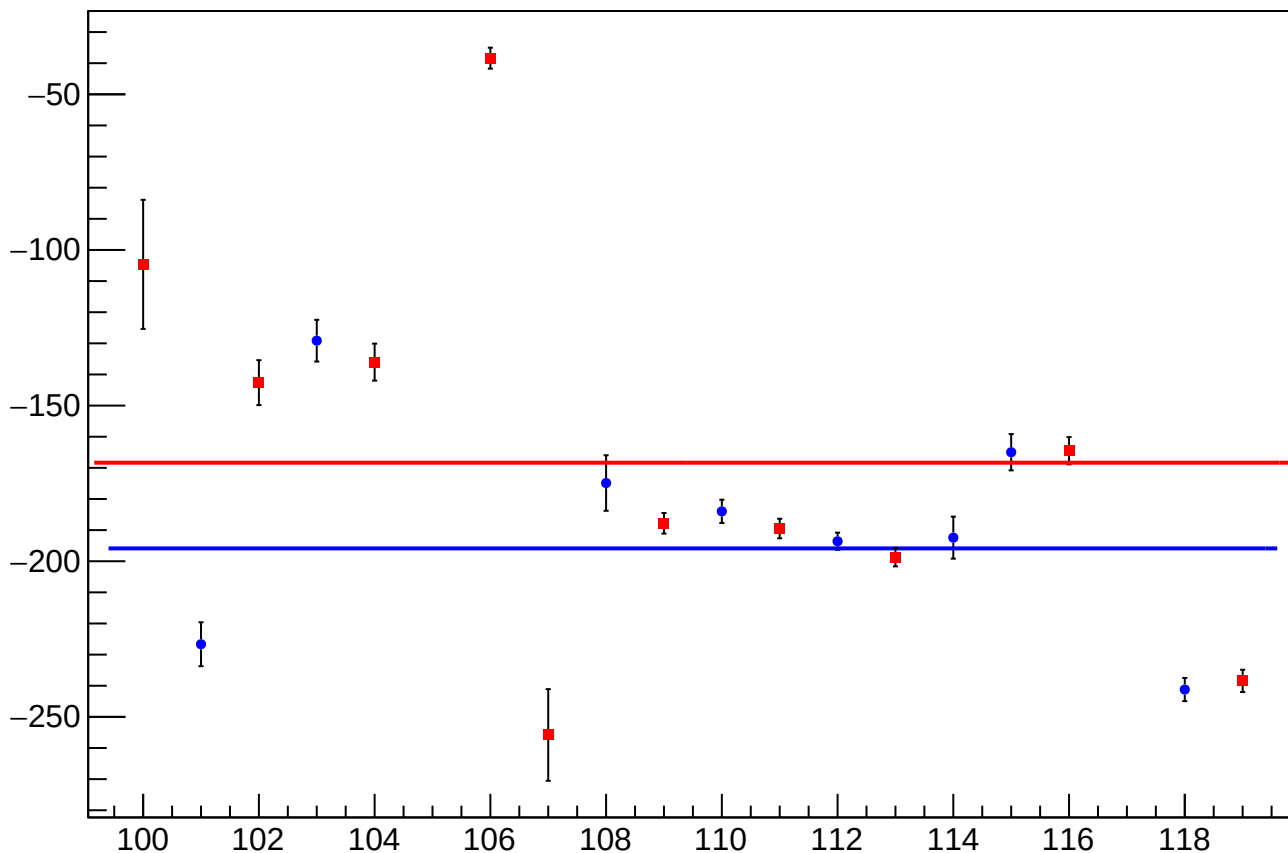
Right: -17.587+/-0.038 χ^2/NDF : 632116.4/17

In: -21.411+/-0.056 χ^2/NDF : 314113.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.587+/-0.038 χ^2/NDF : 632116.4/17

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -195.879+/-1.619 χ^2/NDF : 311.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.335+/-1.314 χ^2/NDF : 2149.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

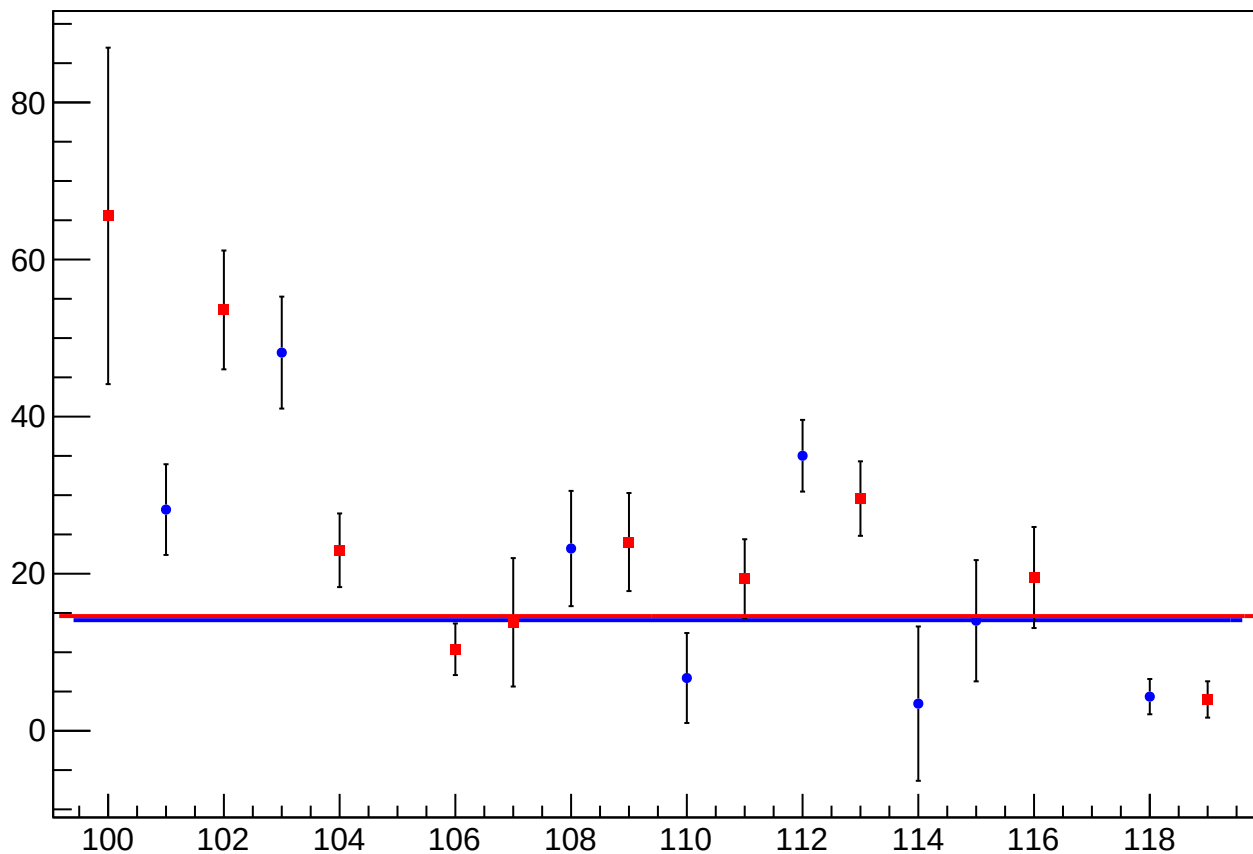
Right: -179.276+/-1.021 χ^2/NDF : 2634.6/17

In: -195.879+/-1.619 χ^2/NDF : 311.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -179.276+/-1.021 χ^2/NDF : 2634.6/17

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 14.084+/-1.639 χ^2/NDF : 73.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.606+/-1.423 χ^2/NDF : 71.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

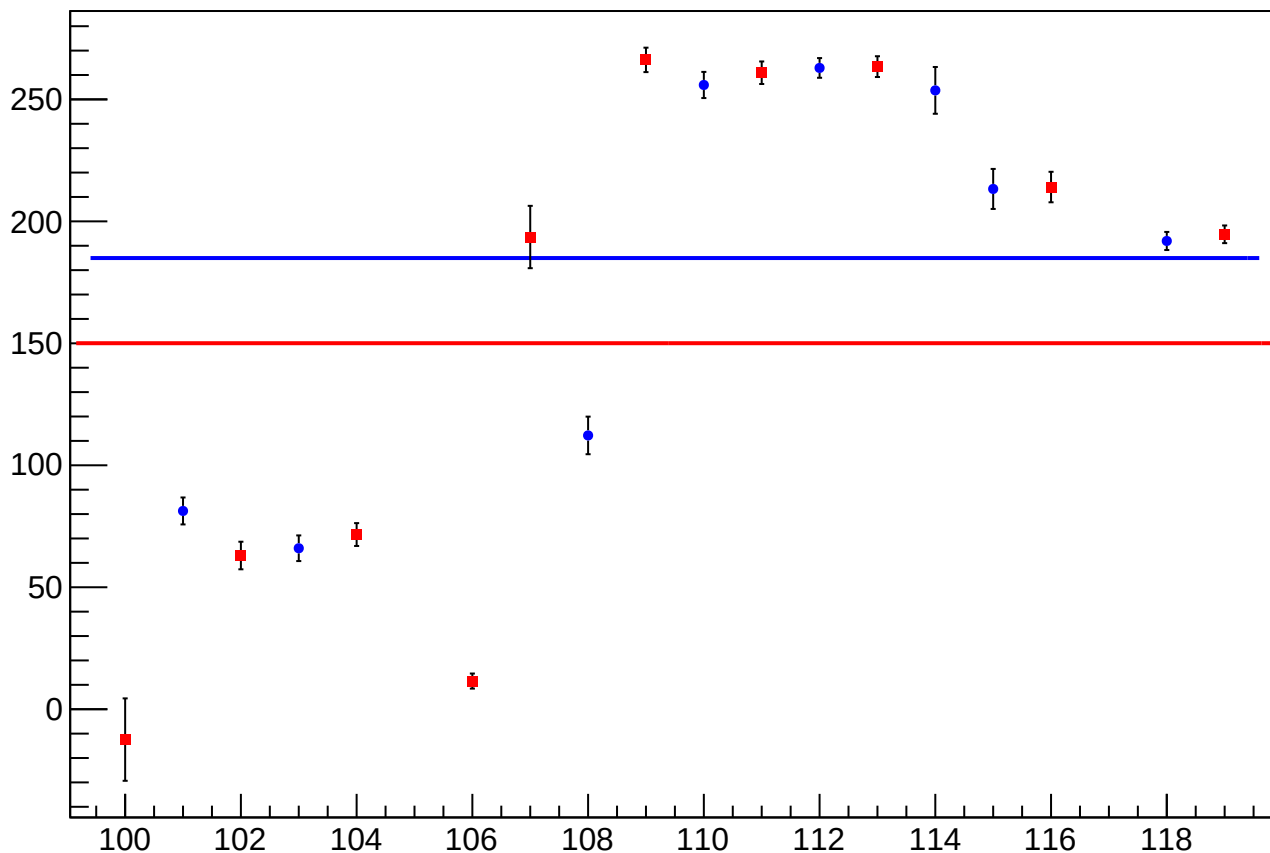
Right: 14.382+/-1.075 χ^2/NDF : 144.9/17

In: 14.084+/-1.639 χ^2/NDF : 73.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.382+/-1.075 χ^2/NDF : 144.9/17

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 184.960+/-1.889 χ^2/NDF : 1567.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.049+/-1.516 χ^2/NDF : 4713.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

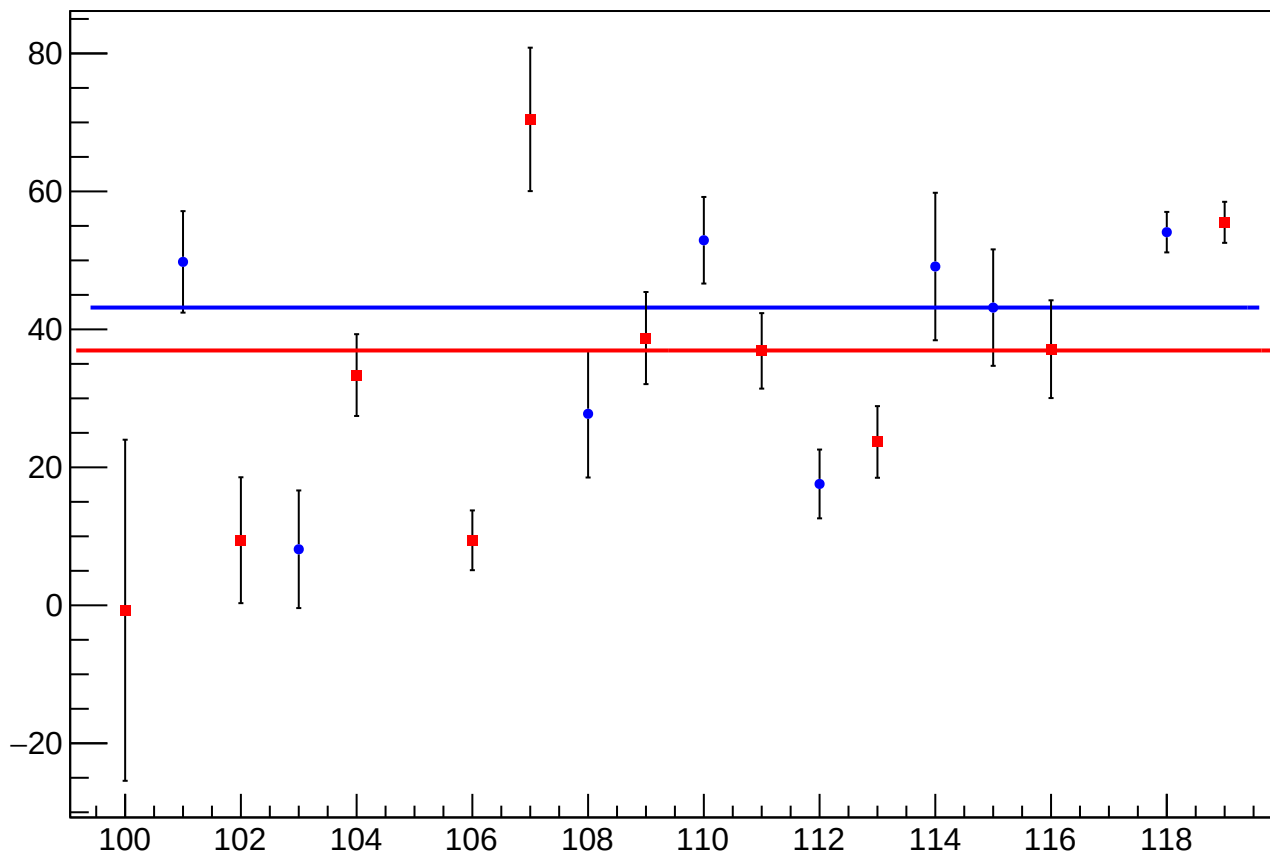
Right: 163.730+/-1.182 χ^2/NDF : 6488.4/17

In: 184.960+/-1.889 χ^2/NDF : 1567.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 163.730+/-1.182 χ^2/NDF : 6488.4/17

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 43.164 $\pm$ 2.006 χ^2 /NDF: 63.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.942 $\pm$ 1.739 χ^2 /NDF: 108.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

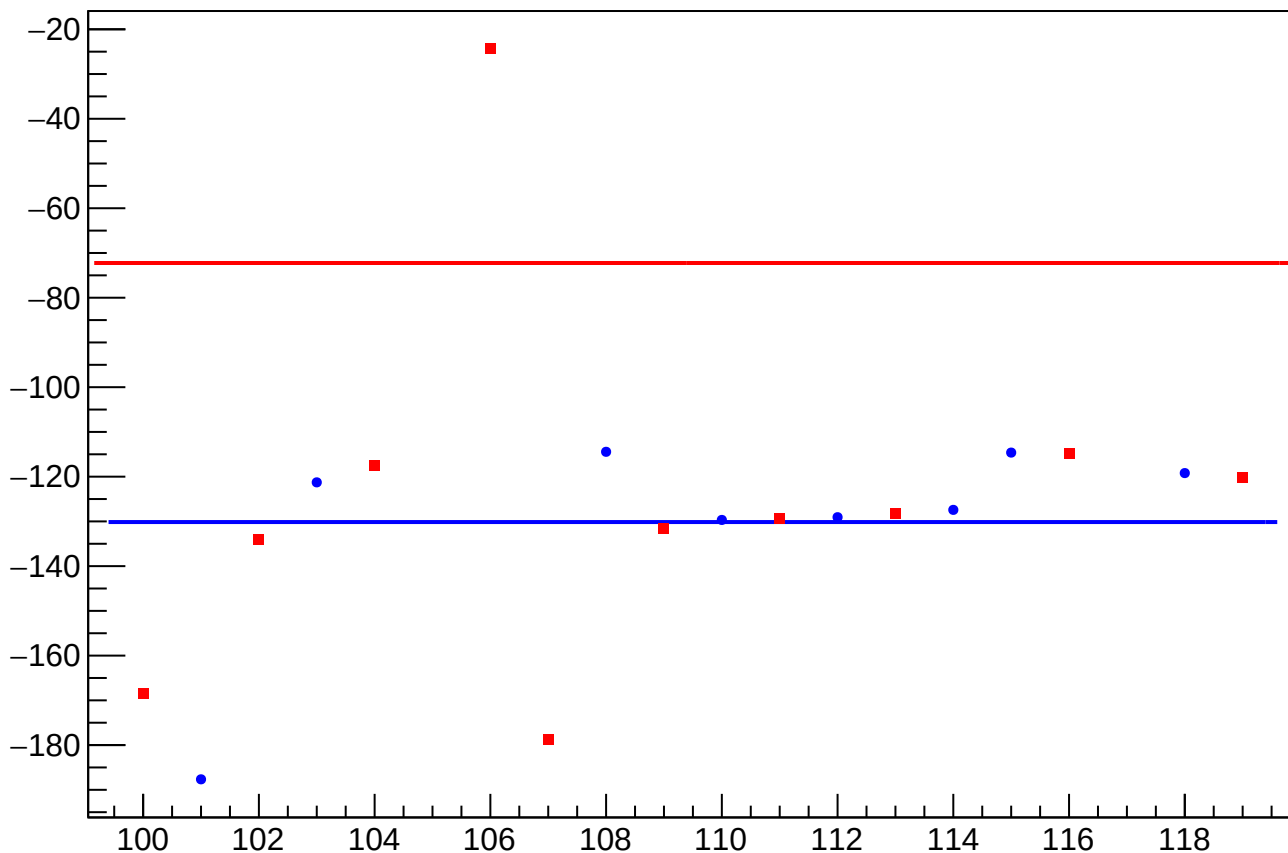
Right: 39.612 $\pm$ 1.314 χ^2 /NDF: 177.0/17

In: 43.164 $\pm$ 2.006 χ^2 /NDF:63.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 39.612 $\pm$ 1.314 χ^2 /NDF: 177.0/17

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.146+/-0.119 χ^2/NDF : 36536.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.239+/-0.075 χ^2/NDF : 495940.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

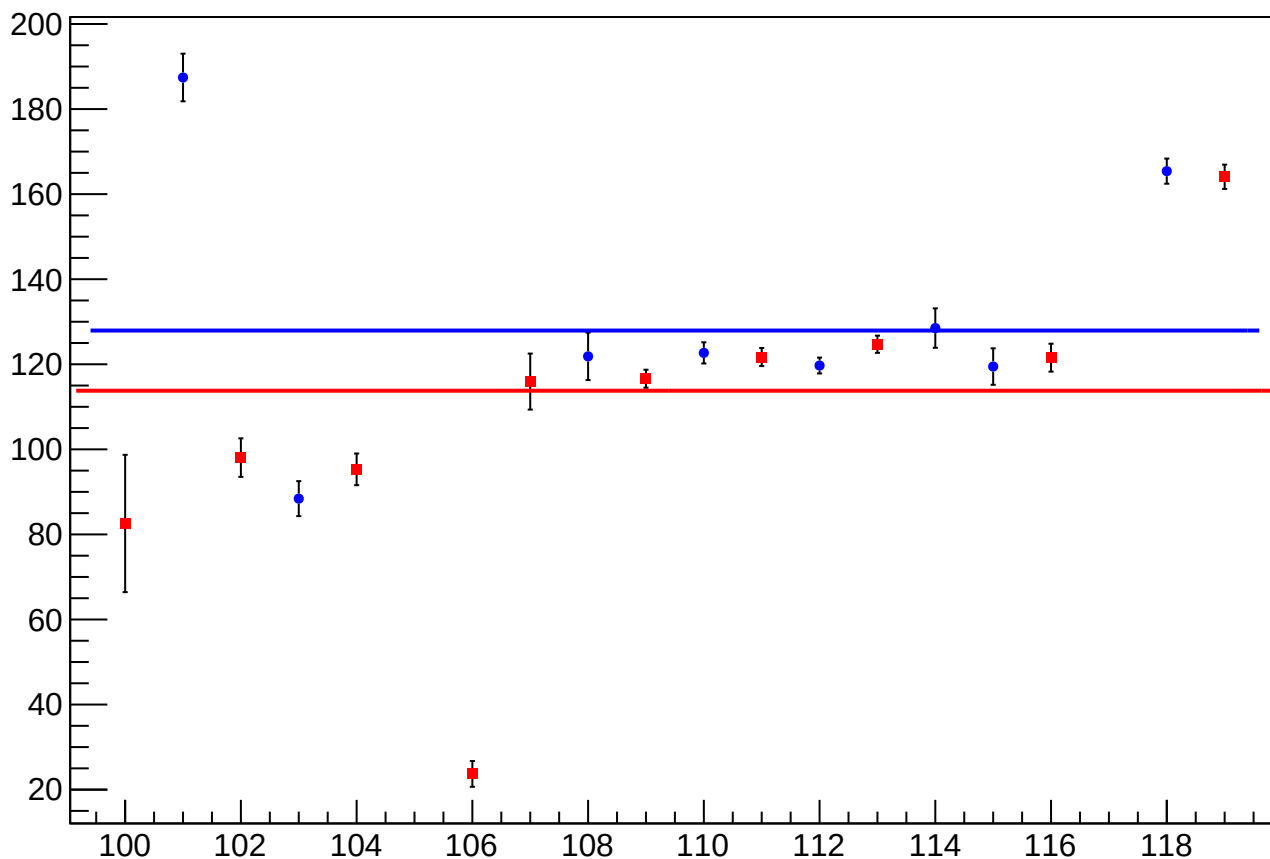
Right: -88.774+/-0.063 χ^2/NDF : 702919.7/17

In: -130.146+/-0.119 χ^2/NDF : 36536.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.774+/-0.063 χ^2/NDF : 702919.7/17

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 127.930 $\pm$ 1.126 χ^2 /NDF: 394.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.786 $\pm$ 0.927 χ^2 /NDF: 1284.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

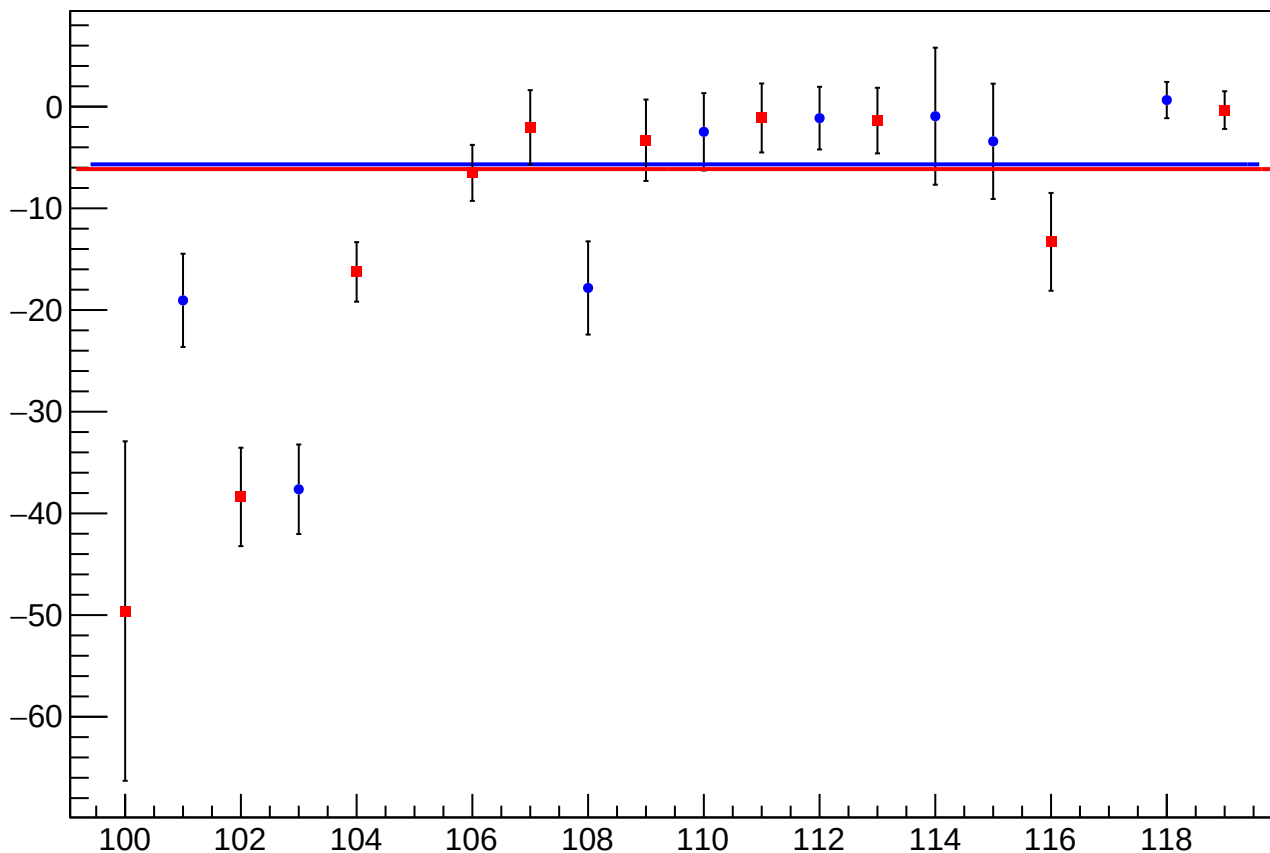
Right: 119.502 $\pm$ 0.716 χ^2 /NDF: 1773.5/17

In: 127.930 $\pm$ 1.126 χ^2 /NDF:394.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 119.502 $\pm$ 0.716 χ^2 /NDF: 1773.5/17

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.677+/-1.205 χ^2 /NDF: 84.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.142+/-1.026 χ^2 /NDF: 81.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

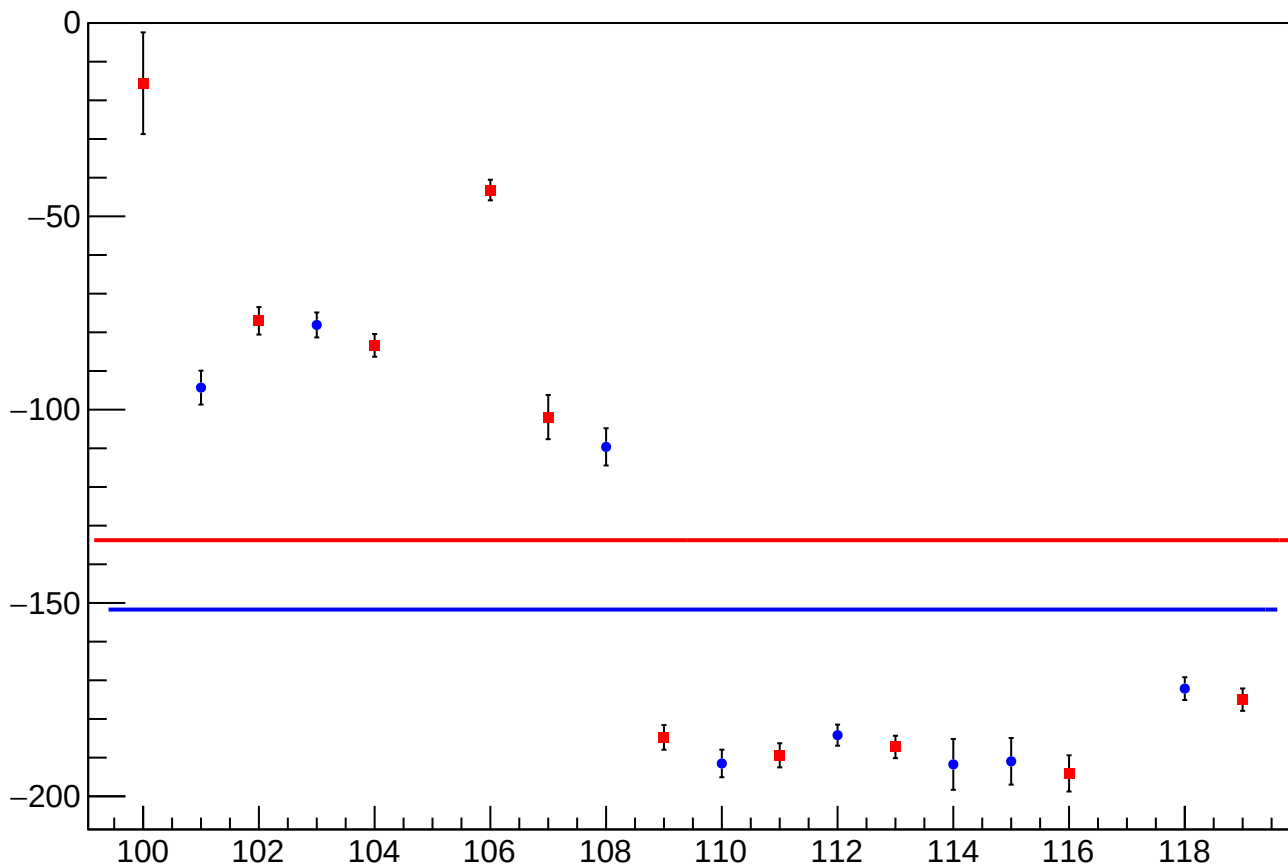
Right: -5.947+/-0.781 χ^2 /NDF: 165.7/17

In: -5.677+/-1.205 χ^2 /NDF:84.4/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.947+/-0.781 χ^2 /NDF: 165.7/17

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -151.702+/-1.324 χ^2 /NDF: 1161.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -133.763+/-1.080 χ^2 /NDF: 3099.0/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

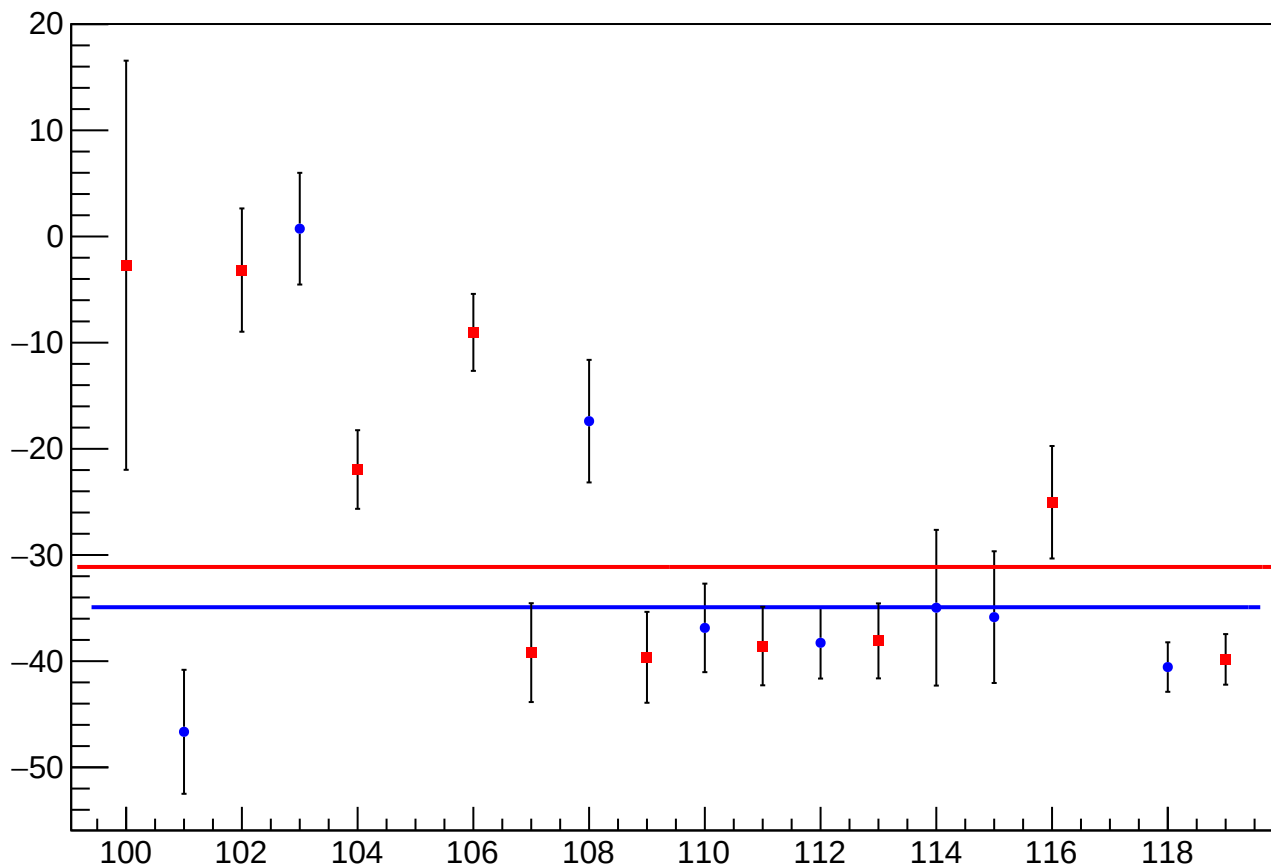
Right: -140.929+/-0.837 χ^2 /NDF: 4371.0/17

In: -151.702+/-1.324 χ^2 /NDF:1161.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -140.929+/-0.837 χ^2 /NDF: 4371.0/17

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.918 $\pm$ 1.459 χ^2 /NDF: 66.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.127 $\pm$ 1.243 χ^2 /NDF: 98.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

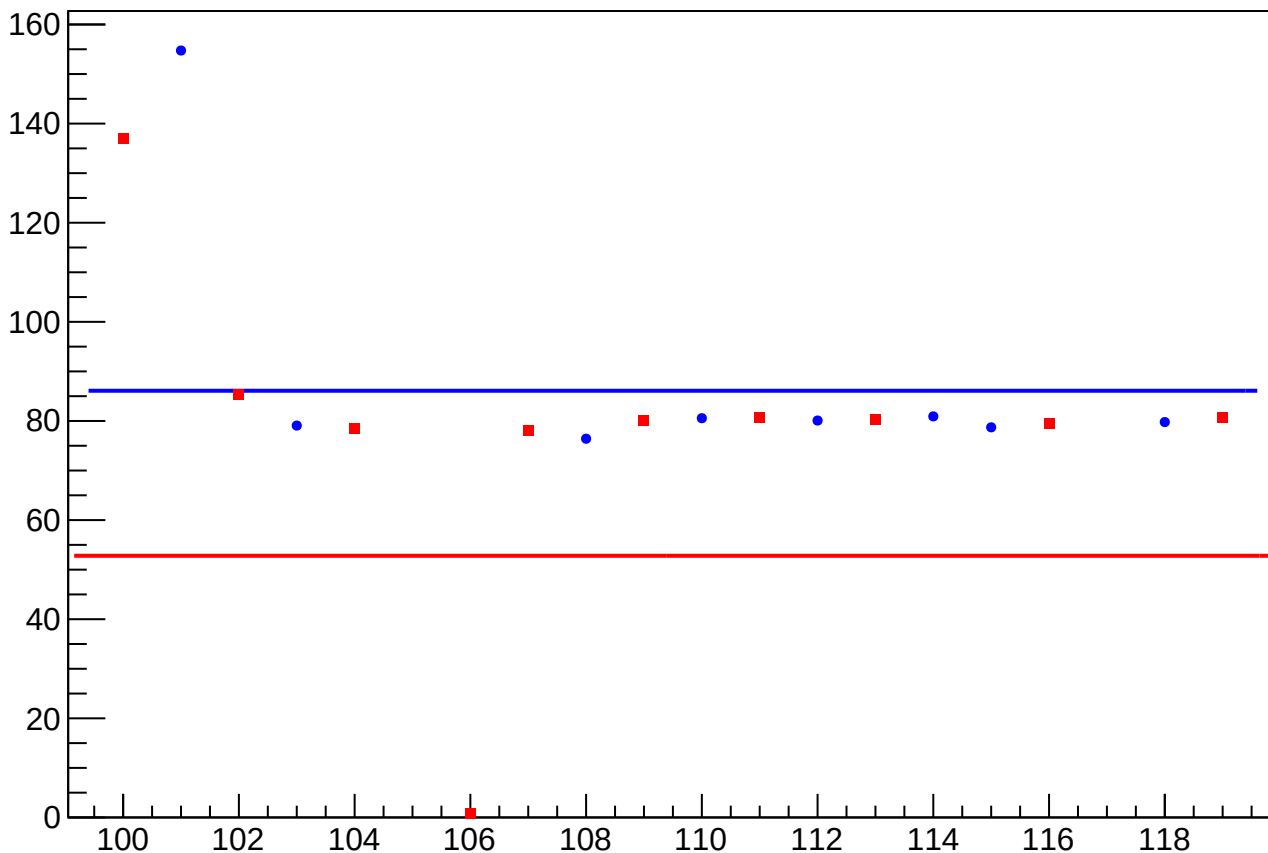
Right: -32.721 $\pm$ 0.946 χ^2 /NDF: 168.4/17

In: -34.918 $\pm$ 1.459 χ^2 /NDF:66.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.721 $\pm$ 0.946 χ^2 /NDF: 168.4/17

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 86.098+/-0.080 χ^2/NDF : 76042.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.799+/-0.057 χ^2/NDF : 458260.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

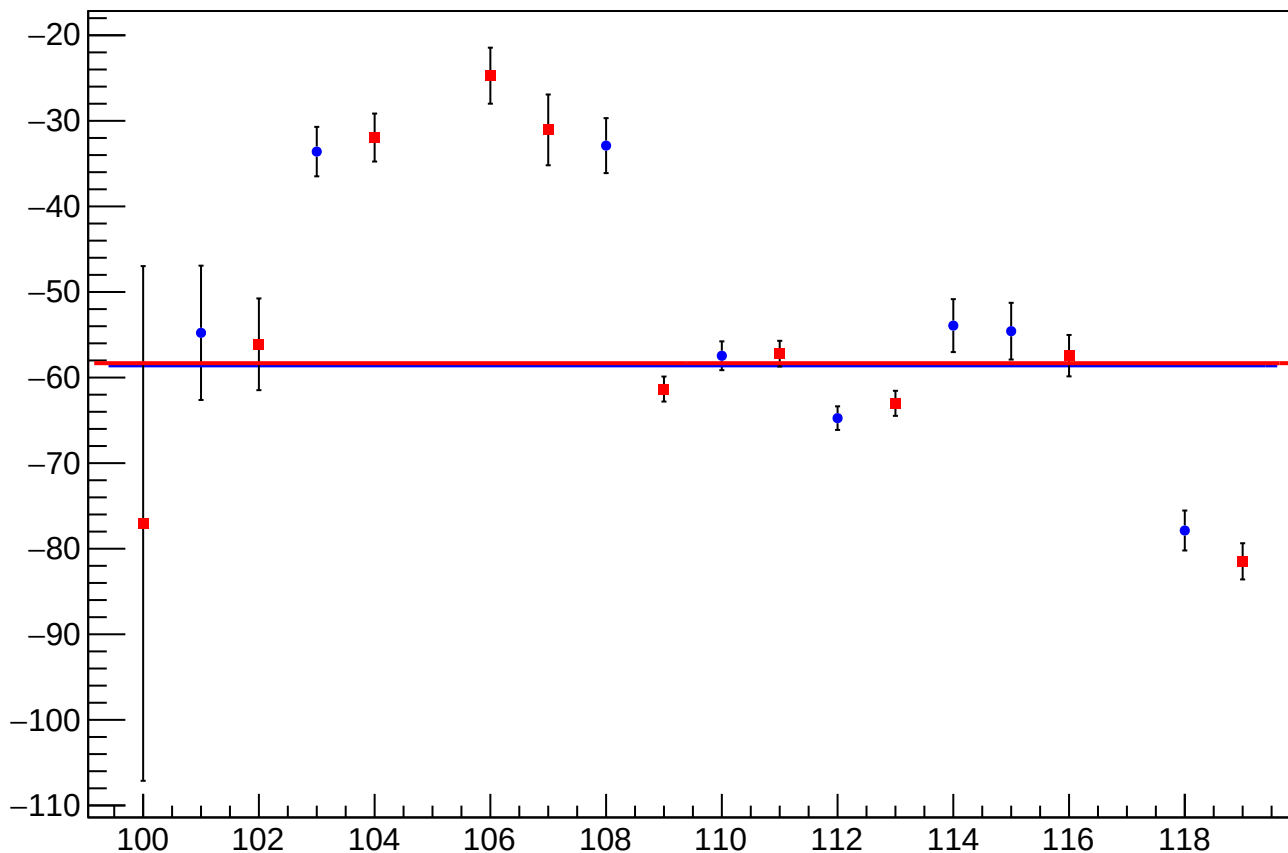
Right: 64.103+/-0.047 χ^2/NDF : 648314.7/17

In: 86.098+/-0.080 χ^2/NDF : 76042.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.103+/-0.047 χ^2/NDF : 648314.7/17

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -58.574+/-0.819 χ^2/NDF : 231.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.319+/-0.692 χ^2/NDF : 373.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

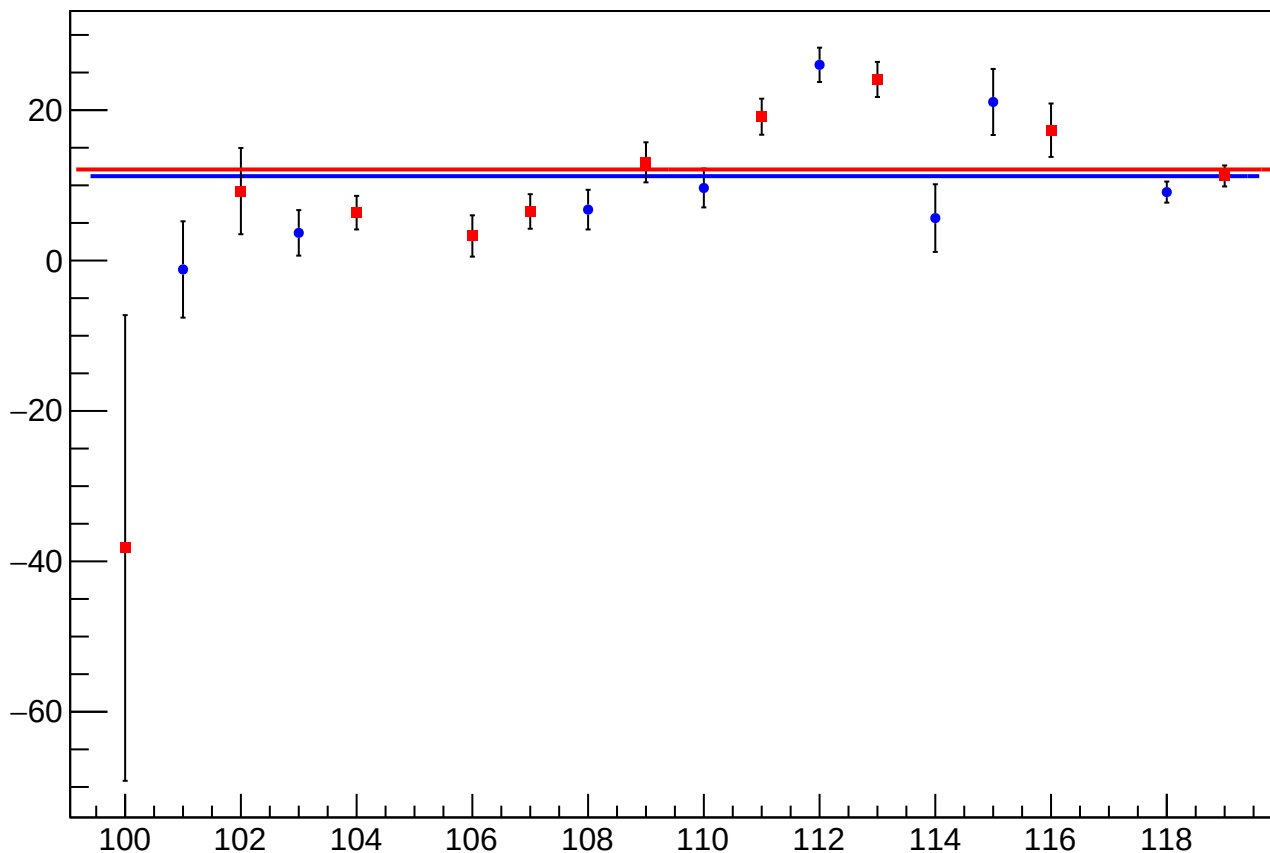
Right: -58.426+/-0.529 χ^2/NDF : 604.5/17

In: -58.574+/-0.819 χ^2/NDF : 231.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.426+/-0.529 χ^2/NDF : 604.5/17

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 11.221+/-0.902 χ^2/NDF : 64.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.111+/-0.780 χ^2/NDF : 63.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

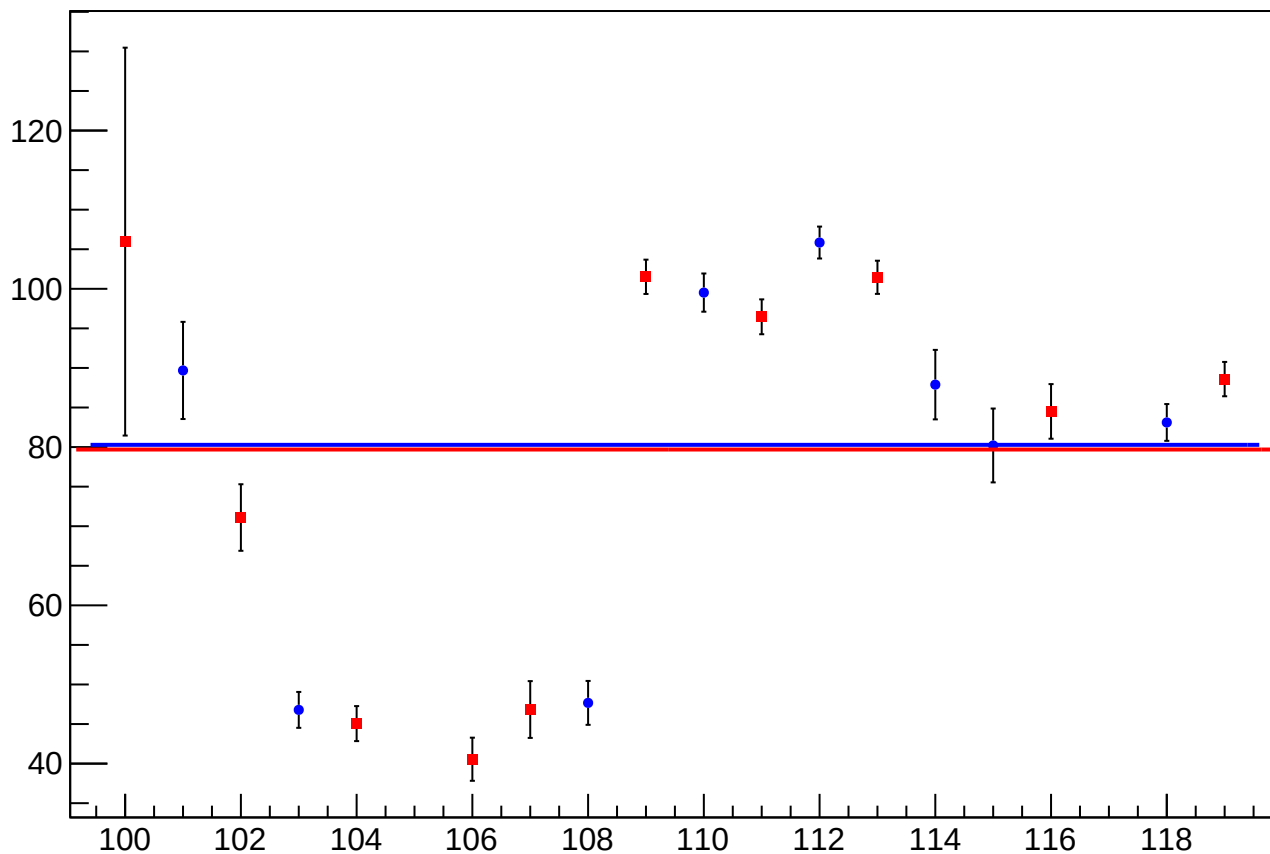
Right: 11.730+/-0.590 χ^2/NDF : 128.0/17

In: 11.221+/-0.902 χ^2/NDF : 64.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.730+/-0.590 χ^2/NDF : 128.0/17

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 80.283+/-0.975 χ^2/NDF : 587.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.691+/-0.840 χ^2/NDF : 826.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

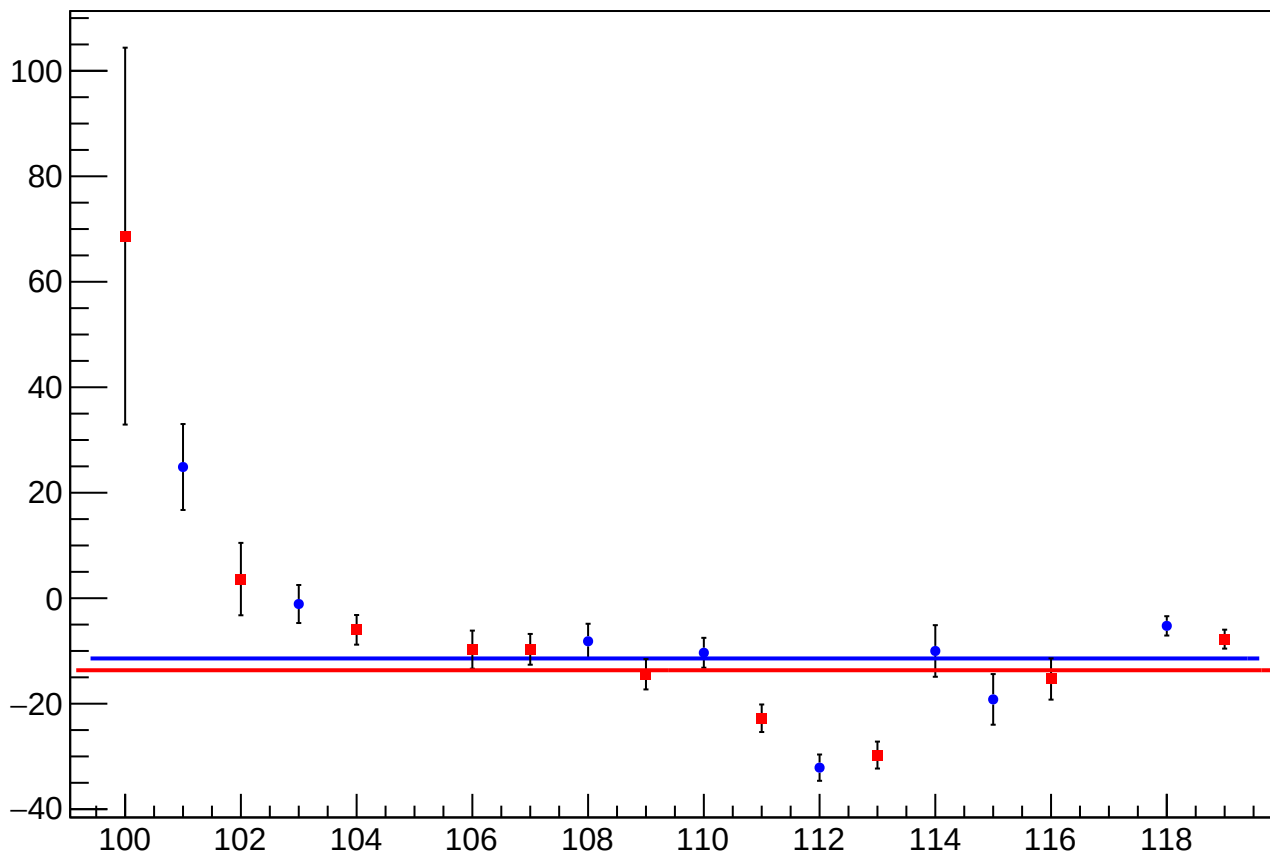
Right: 79.943+/-0.636 χ^2/NDF : 1413.7/17

In: 80.283+/-0.975 χ^2/NDF : 587.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.943+/-0.636 χ^2/NDF : 1413.7/17

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -11.422+/-1.084 χ^2/NDF : 112.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.658+/-0.937 χ^2/NDF : 84.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

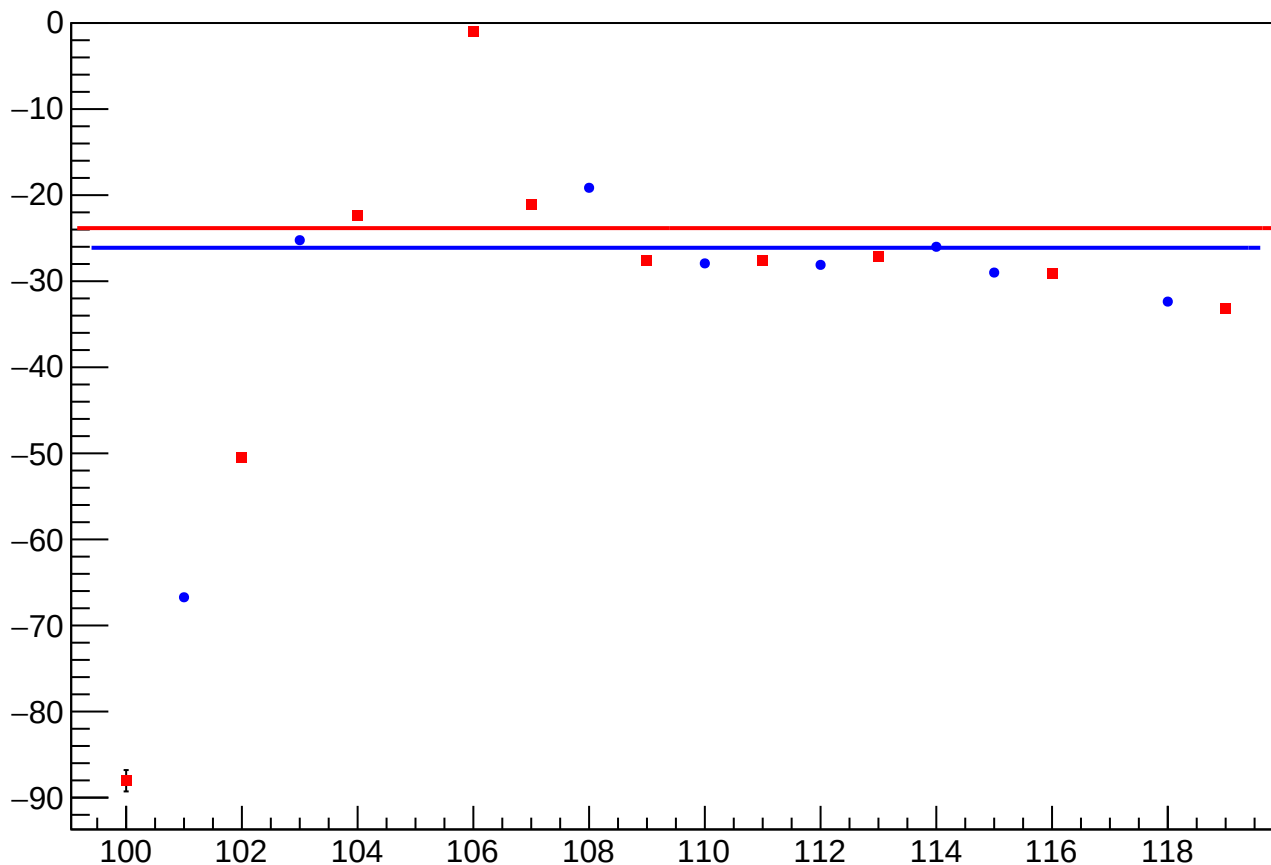
Right: -12.702+/-0.709 χ^2/NDF : 199.6/17

In: -11.422+/-1.084 χ^2/NDF : 112.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.702+/-0.709 χ^2/NDF : 199.6/17

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -26.115 $\pm$ 0.057 χ^2 /NDF: 17877.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.831 $\pm$ 0.050 χ^2 /NDF: 62791.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

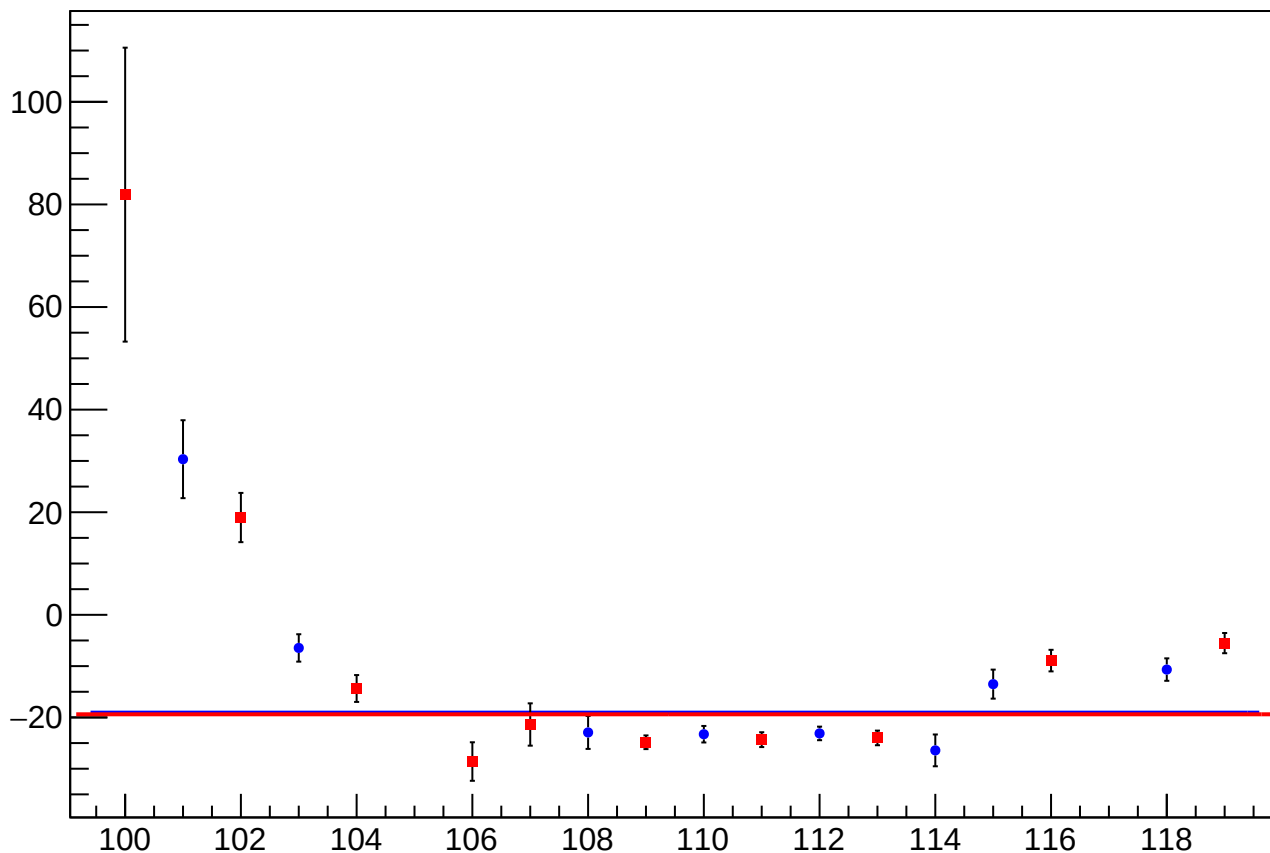
Right: -24.833 $\pm$ 0.038 χ^2 /NDF: 81576.1/17

In: -26.115 $\pm$ 0.057 χ^2 /NDF:17877.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.833 $\pm$ 0.038 χ^2 /NDF: 81576.1/17

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.070 $\pm$ 0.778 χ^2 /NDF: 106.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -19.391 $\pm$ 0.654 χ^2 /NDF: 199.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

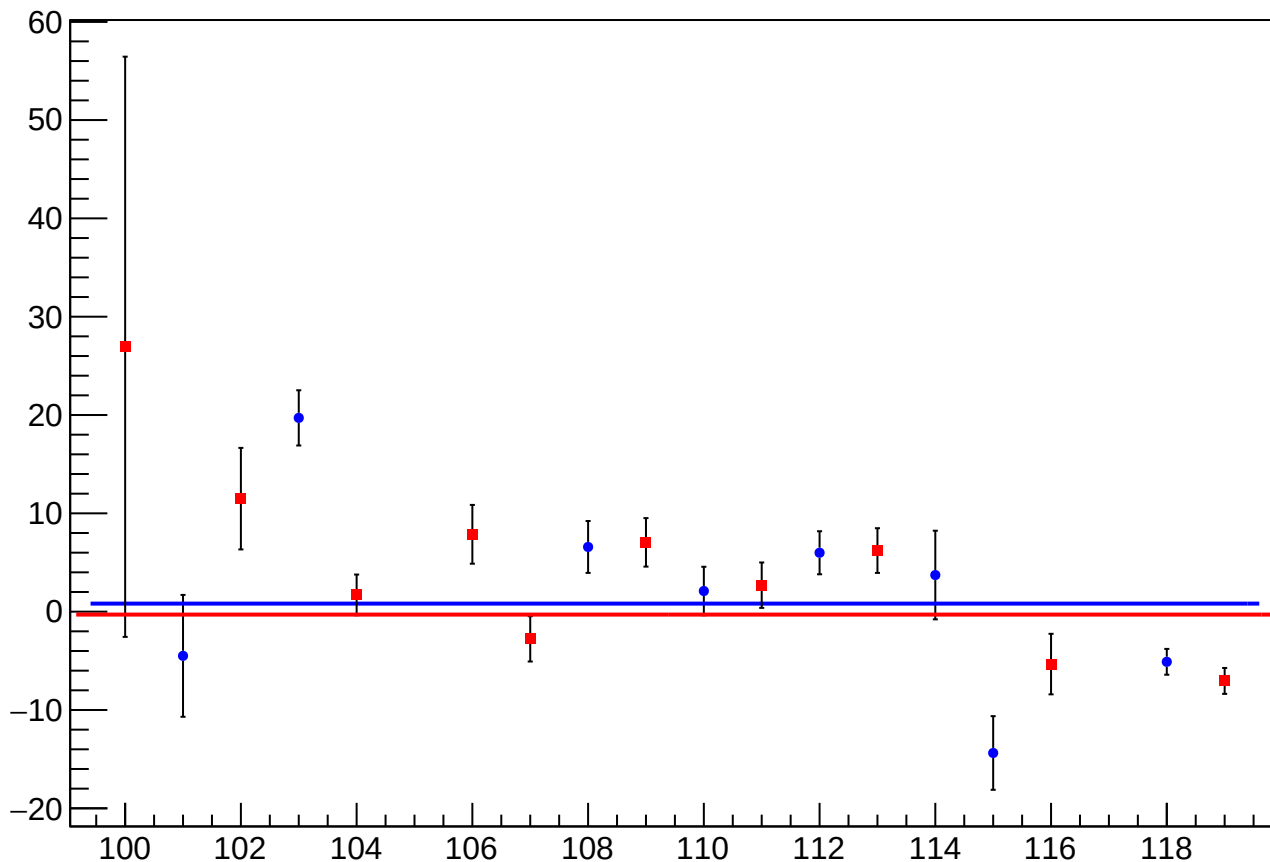
Right: -19.258 $\pm$ 0.501 χ^2 /NDF: 306.1/17

In: -19.070 $\pm$ 0.778 χ^2 /NDF:106.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.258 $\pm$ 0.501 χ^2 /NDF: 306.1/17

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.820+/-0.854 χ^2/NDF : 93.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.298+/-0.746 χ^2/NDF : 63.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

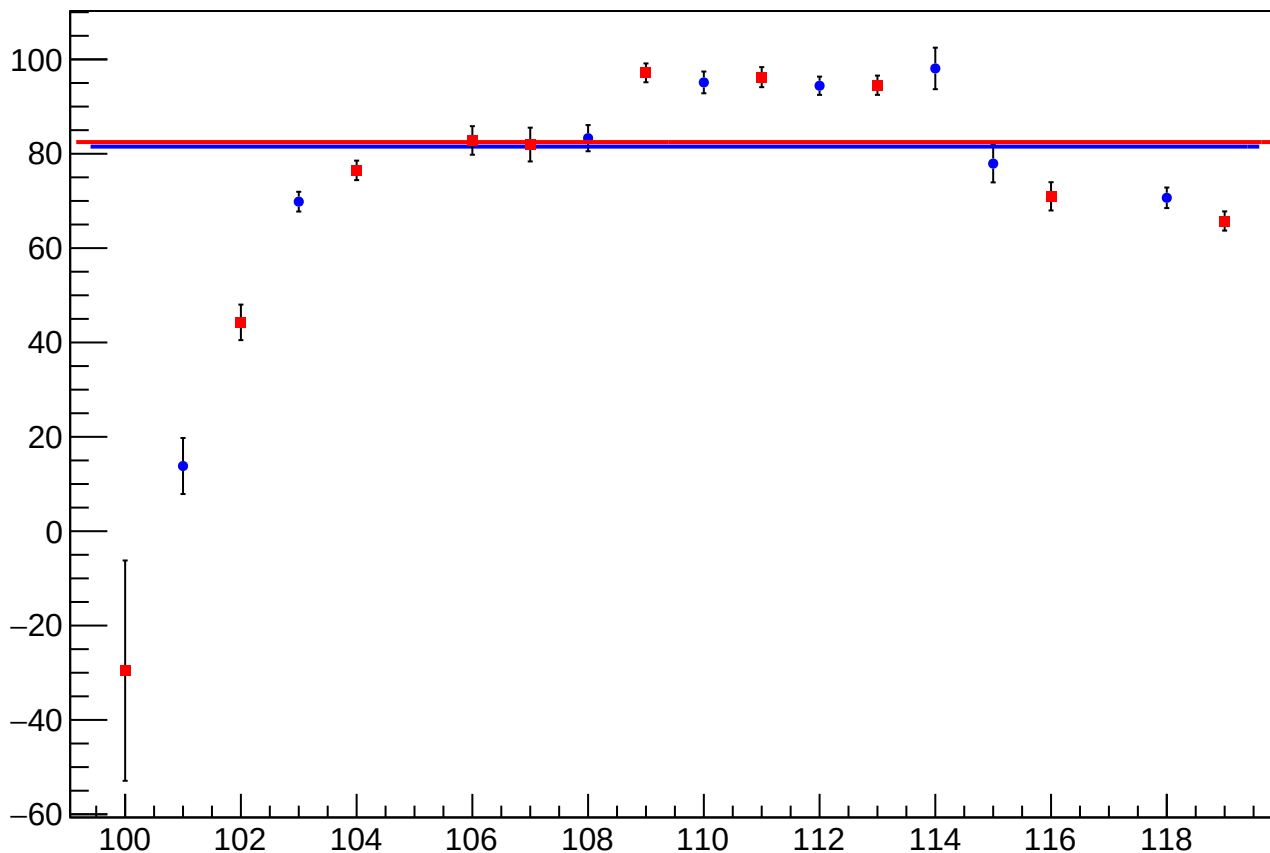
Right: 0.185+/-0.562 χ^2/NDF : 158.0/17

In: 0.820+/-0.854 χ^2/NDF : 93.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.185+/-0.562 χ^2/NDF : 158.0/17

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.517 $\pm$ 0.926 χ^2 /NDF: 280.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.479 $\pm$ 0.801 χ^2 /NDF: 347.5/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

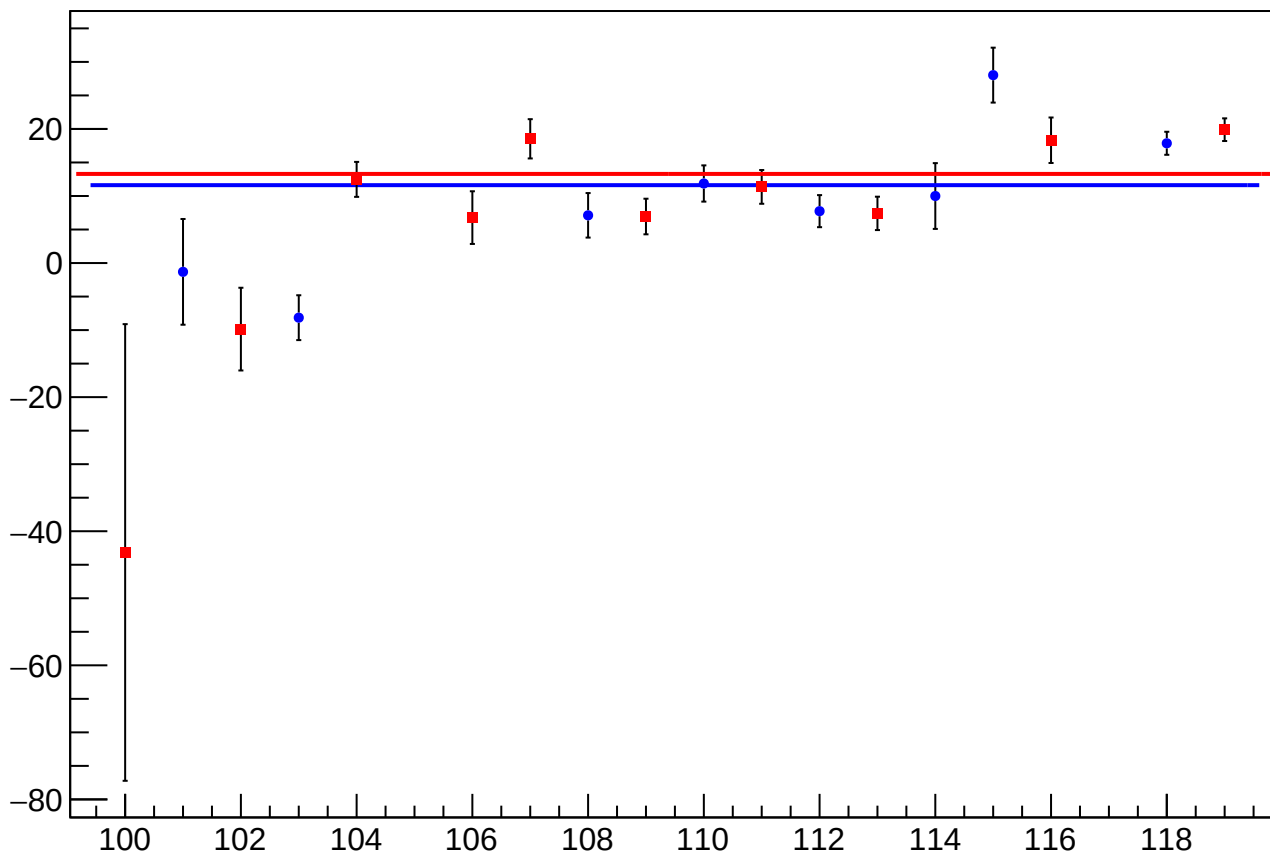
Right: 82.068 $\pm$ 0.606 χ^2 /NDF: 628.4/17

In: 81.517 $\pm$ 0.926 χ^2 /NDF: 280.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.068 $\pm$ 0.606 χ^2 /NDF: 628.4/17

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 11.617+/-1.027 χ^2/NDF : 71.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.293+/-0.893 χ^2/NDF : 52.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

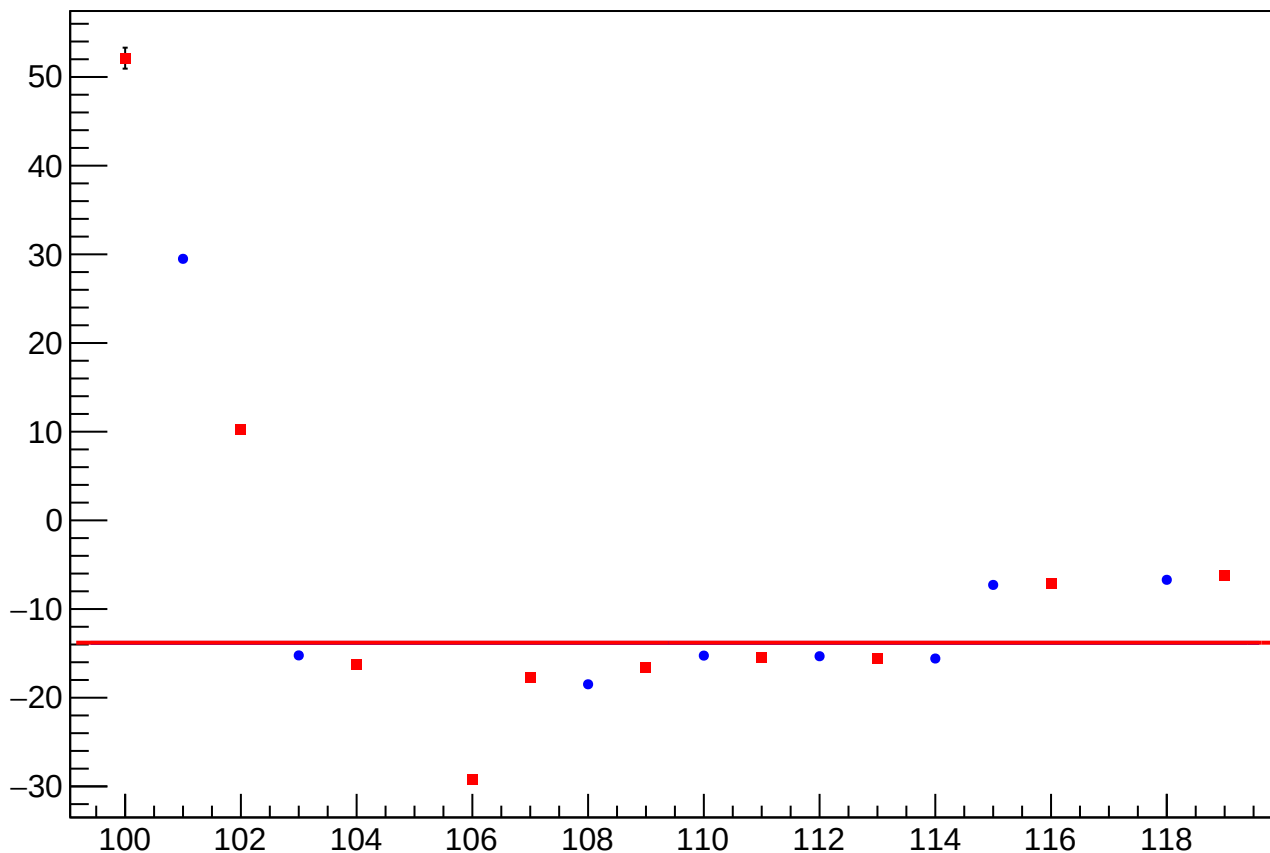
Right: 12.571+/-0.674 χ^2/NDF : 125.2/17

In: 11.617+/-1.027 χ^2/NDF : 71.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.571+/-0.674 χ^2/NDF : 125.2/17

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.818 $\pm$ 0.054 χ^2 /NDF: 19542.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.796 $\pm$ 0.049 χ^2 /NDF: 41265.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

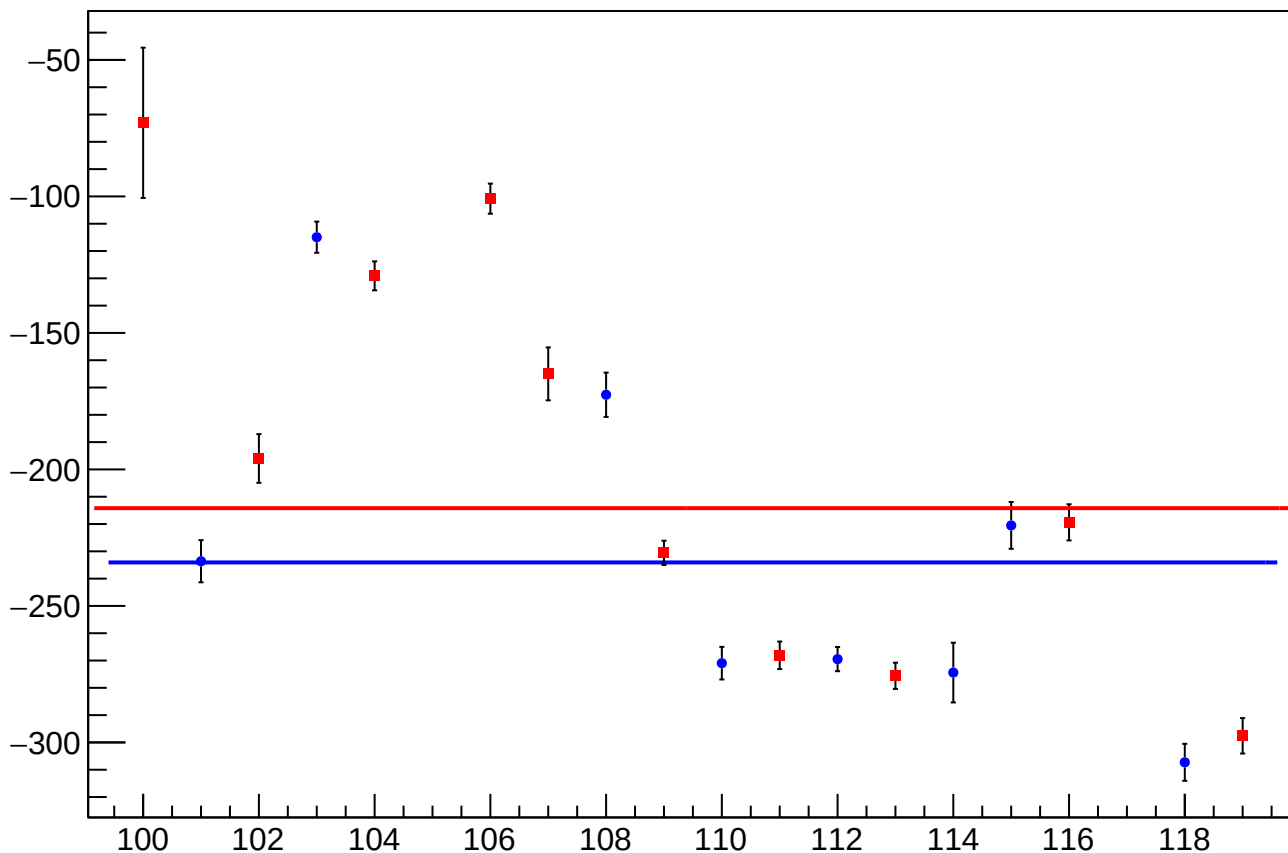
Right: -13.806 $\pm$ 0.036 χ^2 /NDF: 60807.9/17

In: -13.818 $\pm$ 0.054 χ^2 /NDF:19542.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.806 $\pm$ 0.036 χ^2 /NDF: 60807.9/17

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -234.069+/-2.321 χ^2 /NDF: 728.0/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -214.195+/-1.913 χ^2 /NDF: 1195.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

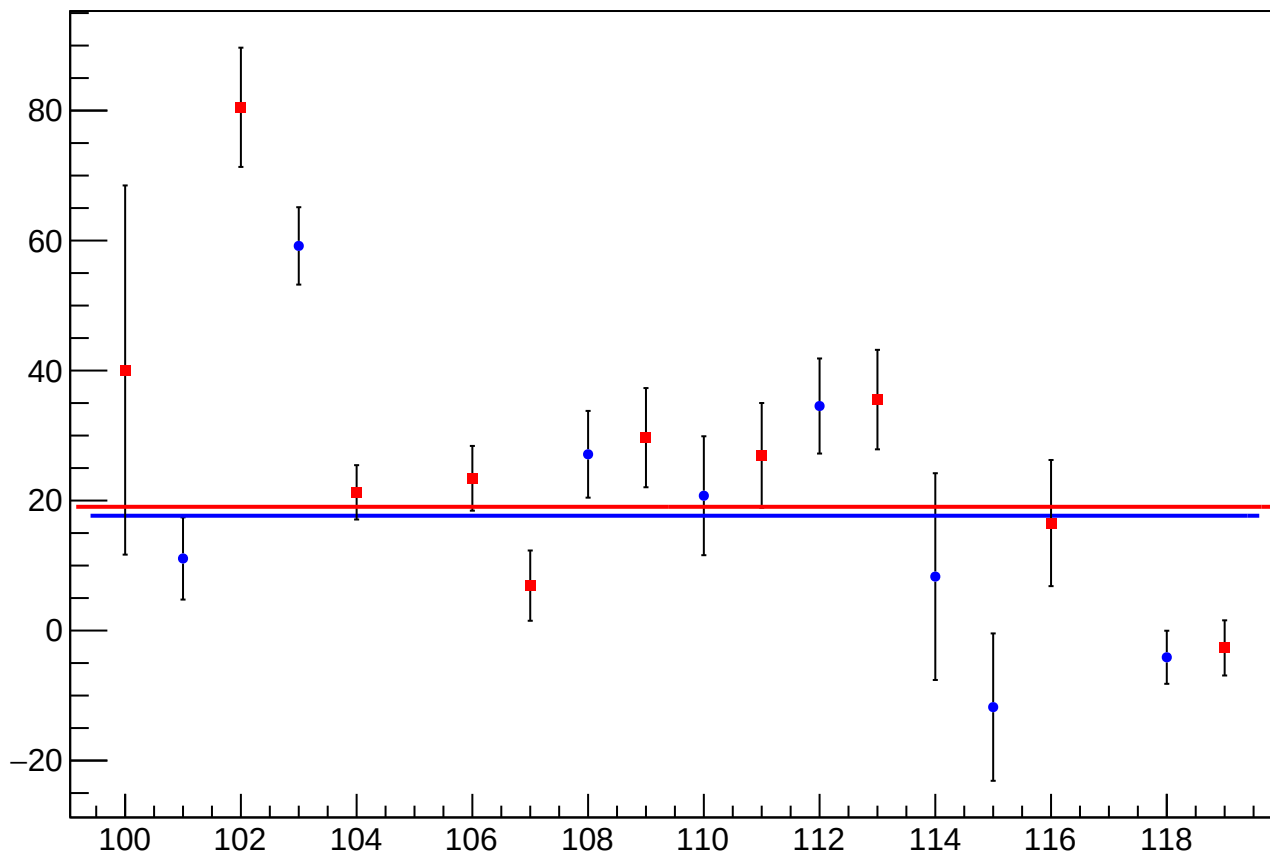
Right: -222.235+/-1.476 χ^2 /NDF: 1966.8/17

In: -234.069+/-2.321 χ^2 /NDF:728.0/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -222.235+/-1.476 χ^2 /NDF: 1966.8/17

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 17.665+/-2.370 χ^2/NDF : 92.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.040+/-1.959 χ^2/NDF : 85.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

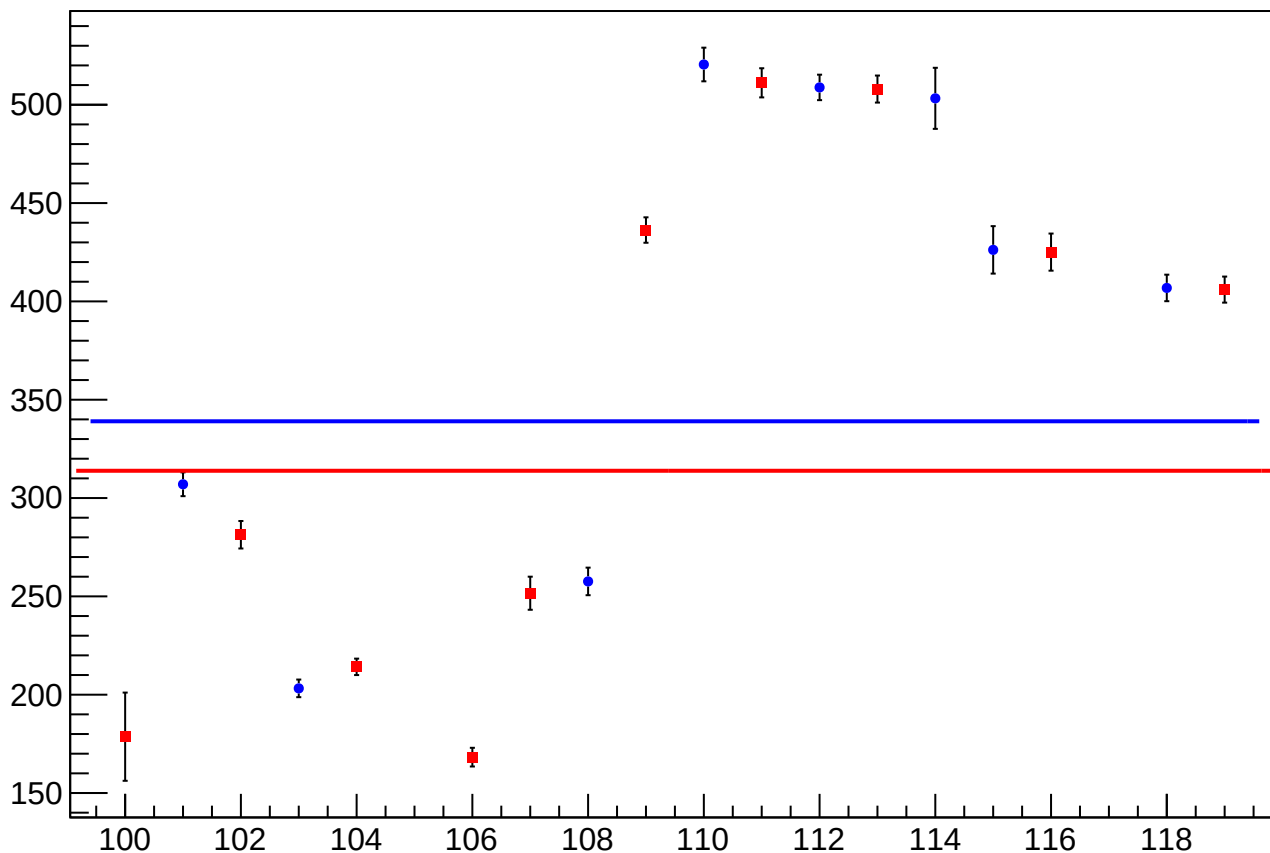
Right: 18.482+/-1.510 χ^2/NDF : 178.2/17

In: 17.665+/-2.370 χ^2/NDF : 92.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.482+/-1.510 χ^2/NDF : 178.2/17

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 339.033+/-2.439 χ^2/NDF : 2484.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 313.870+/-2.061 χ^2/NDF : 3817.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

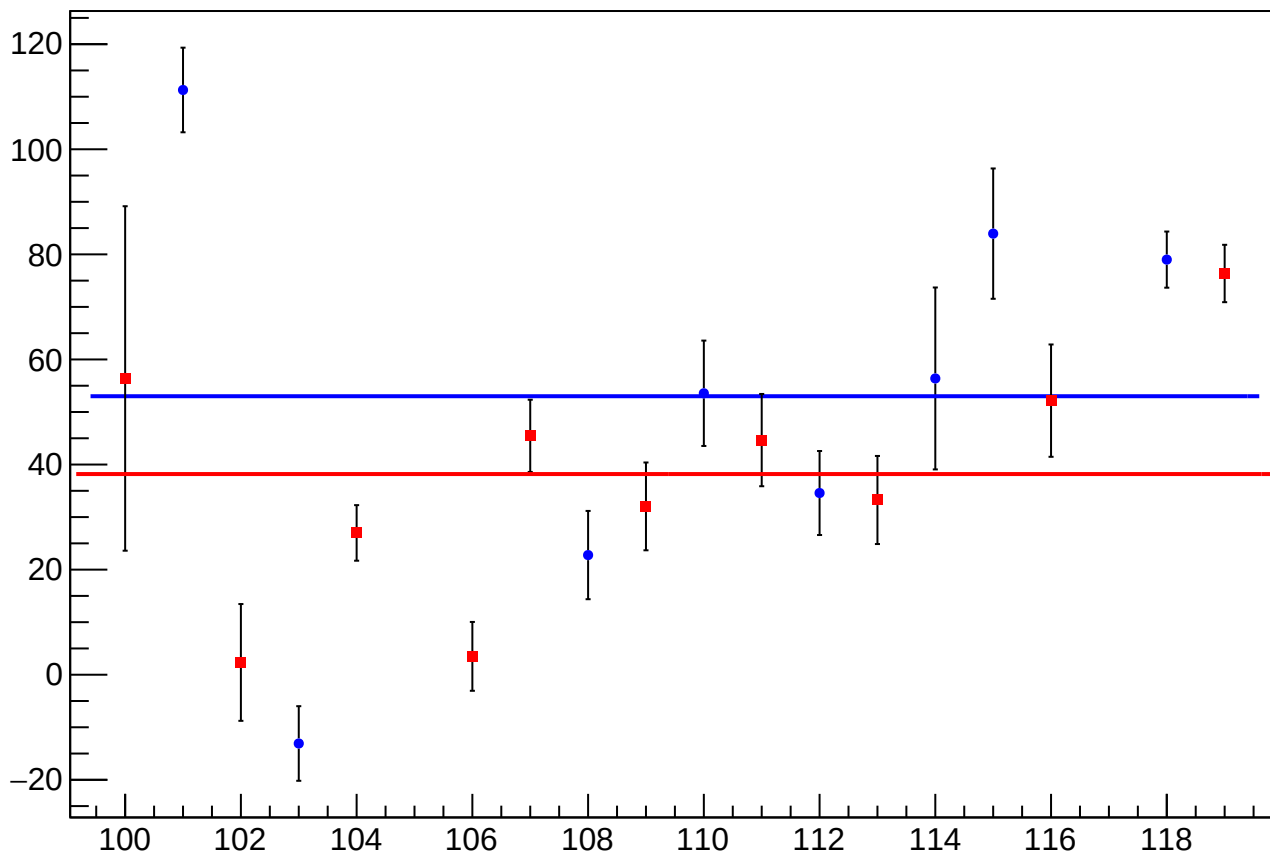
Right: 324.349+/-1.574 χ^2/NDF : 6364.4/17

In: 339.033+/-2.439 χ^2/NDF :2484.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 324.349+/-1.574 χ^2/NDF : 6364.4/17

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.002 $\pm$ 2.888 χ^2 /NDF: 187.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.190 $\pm$ 2.404 χ^2 /NDF: 96.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

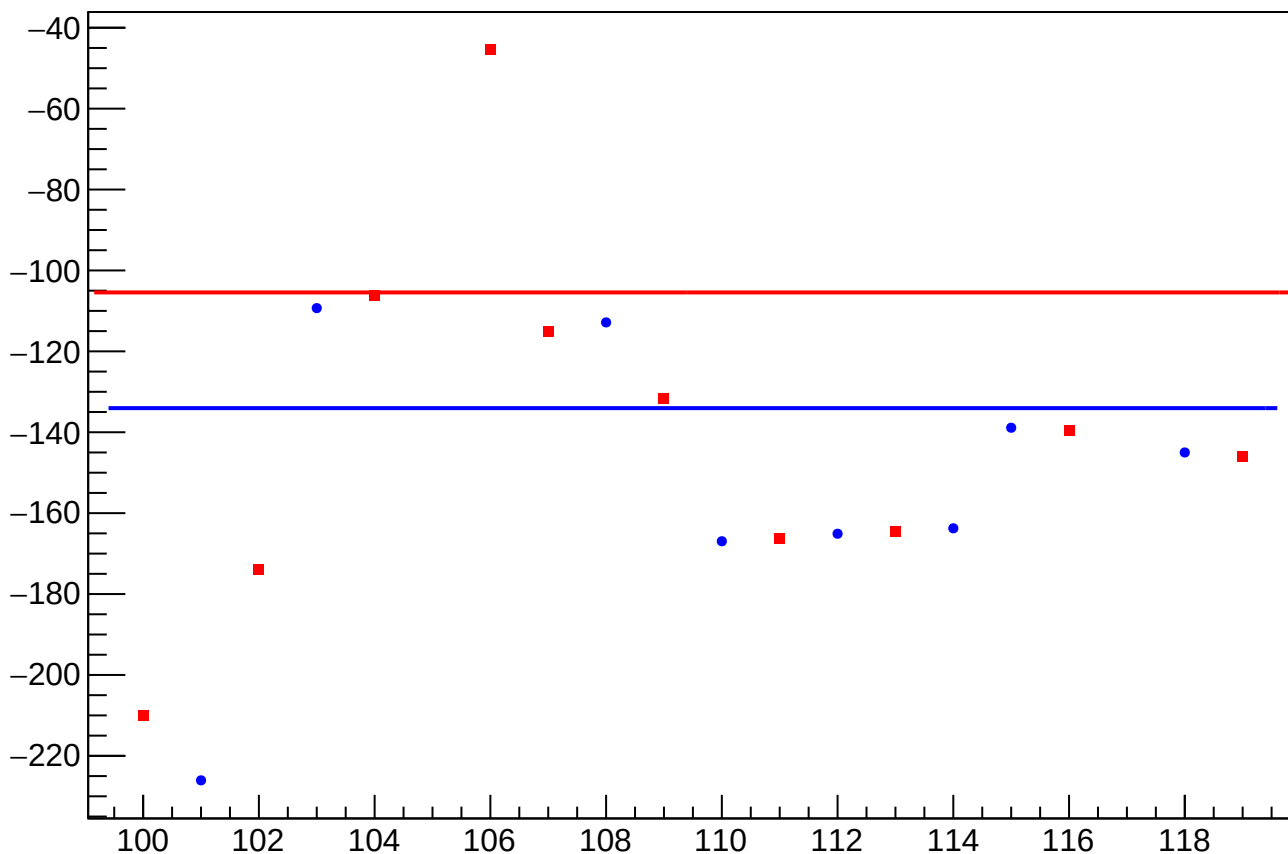
Right: 44.252 $\pm$ 1.847 χ^2 /NDF: 299.2/17

In: 53.002 $\pm$ 2.888 χ^2 /NDF: 187.2/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.252 $\pm$ 1.847 χ^2 /NDF: 299.2/17

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -134.038+/-0.130 χ^2/NDF : 94884.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.437+/-0.105 χ^2/NDF : 196714.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

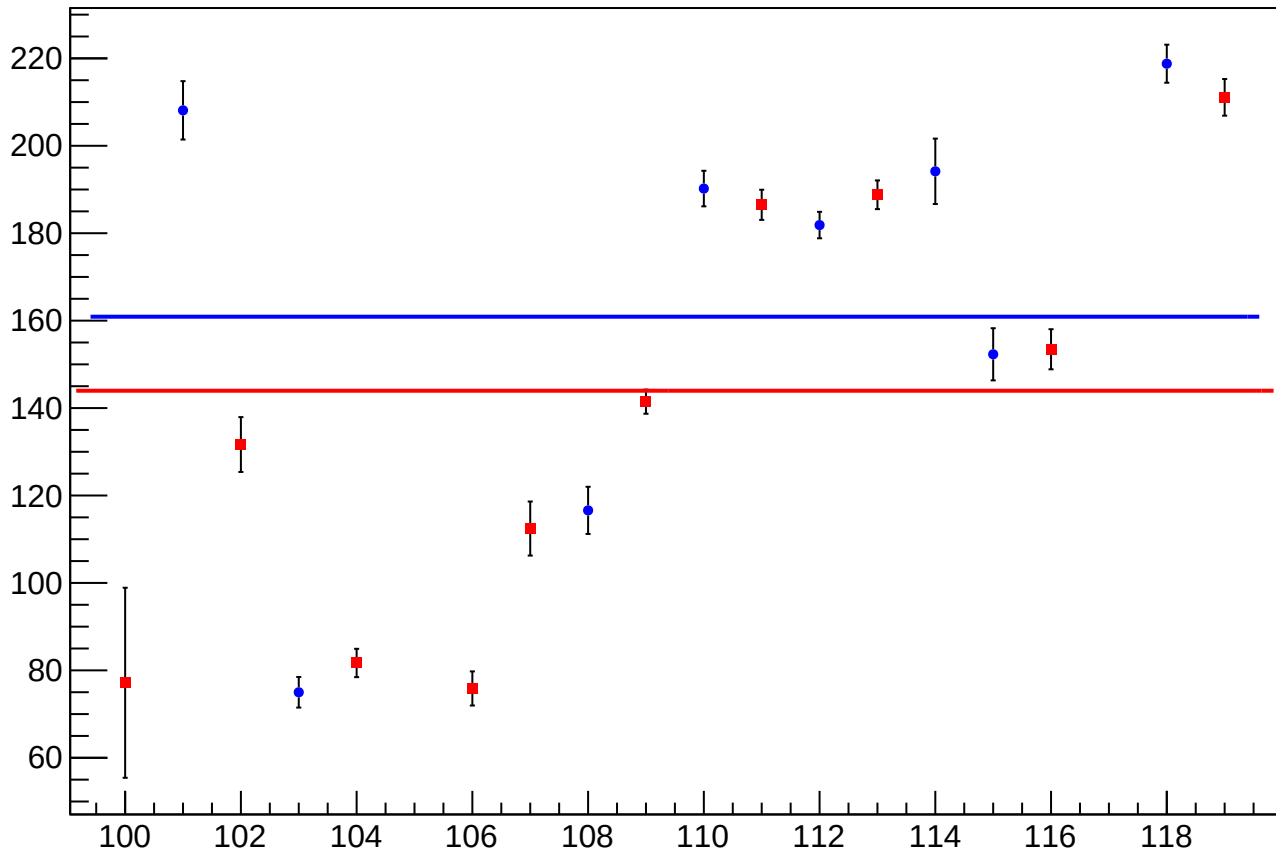
Right: -116.810+/-0.082 χ^2/NDF : 320976.0/17

In: -134.038+/-0.130 χ^2/NDF : 94884.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -116.810+/-0.082 χ^2/NDF : 320976.0/17

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 160.905+/-1.568 χ^2/NDF : 1017.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.970+/-1.263 χ^2/NDF : 1313.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

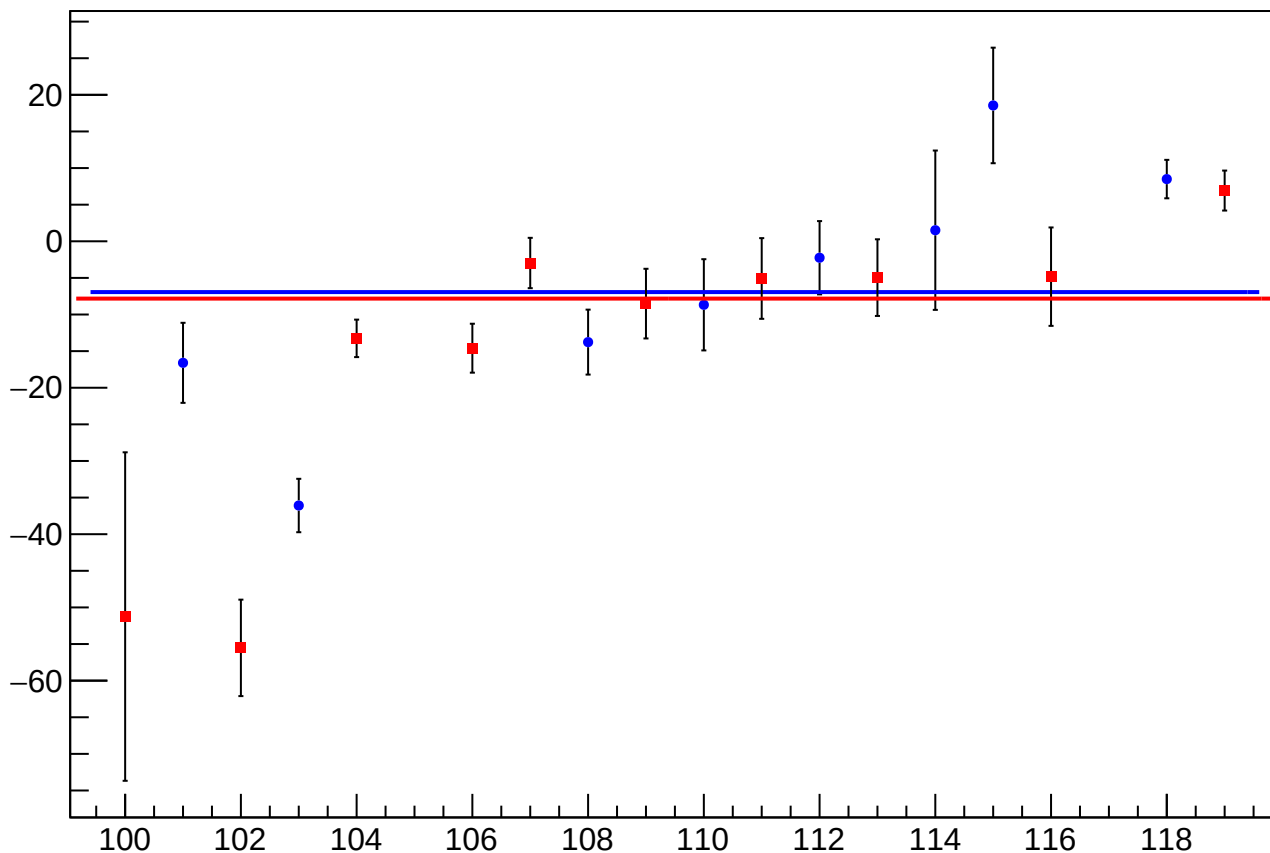
Right: 150.635+/-0.984 χ^2/NDF : 2401.4/17

In: 160.905+/-1.568 χ^2/NDF : 1017.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.635+/-0.984 χ^2/NDF : 2401.4/17

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.936+/-1.592 χ^2 /NDF: 115.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -7.826+/-1.268 χ^2 /NDF: 96.8/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

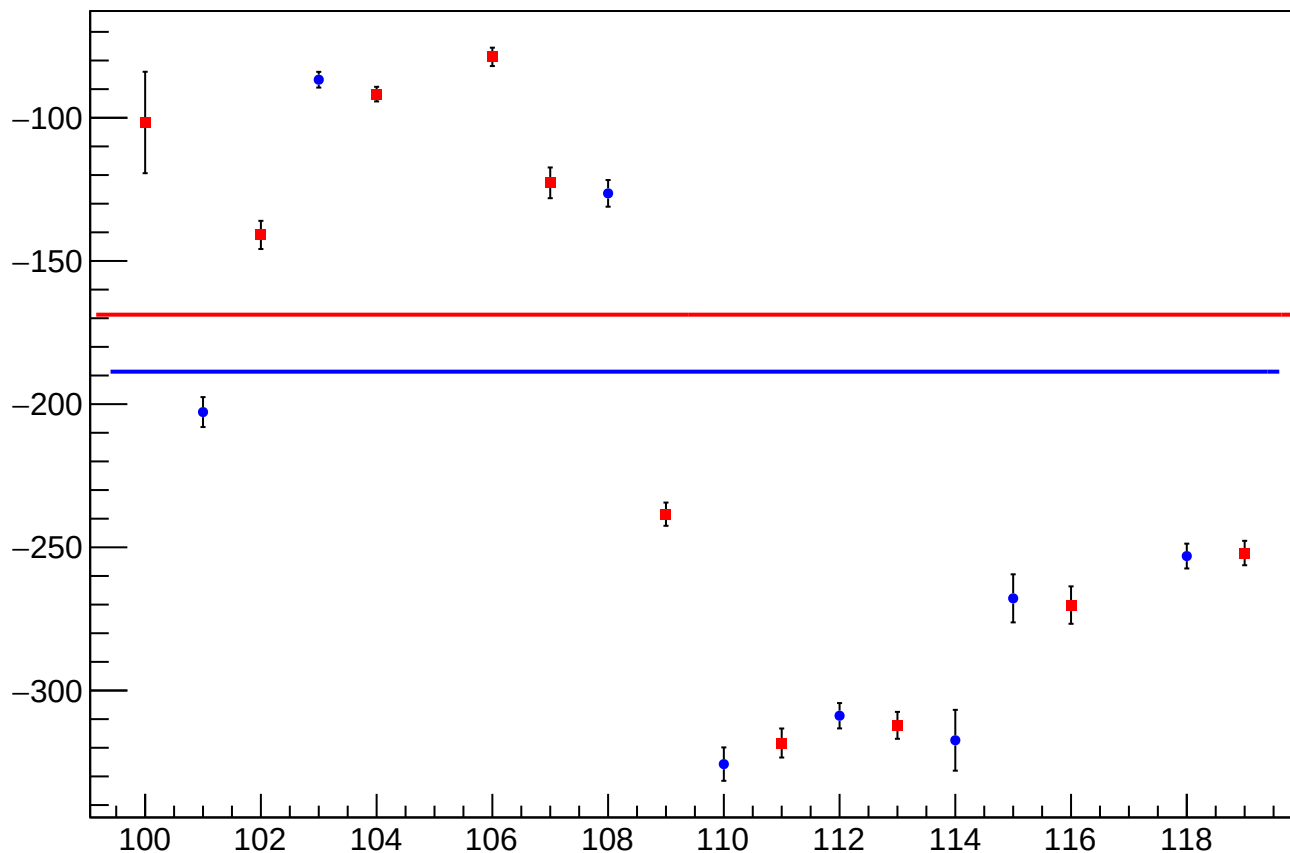
Right: -7.481+/-0.992 χ^2 /NDF: 212.9/17

In: -6.936+/-1.592 χ^2 /NDF:115.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -7.481+/-0.992 χ^2 /NDF: 212.9/17

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -188.655+/-1.640 χ^2/NDF : 3307.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -168.755+/-1.345 χ^2/NDF : 4531.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

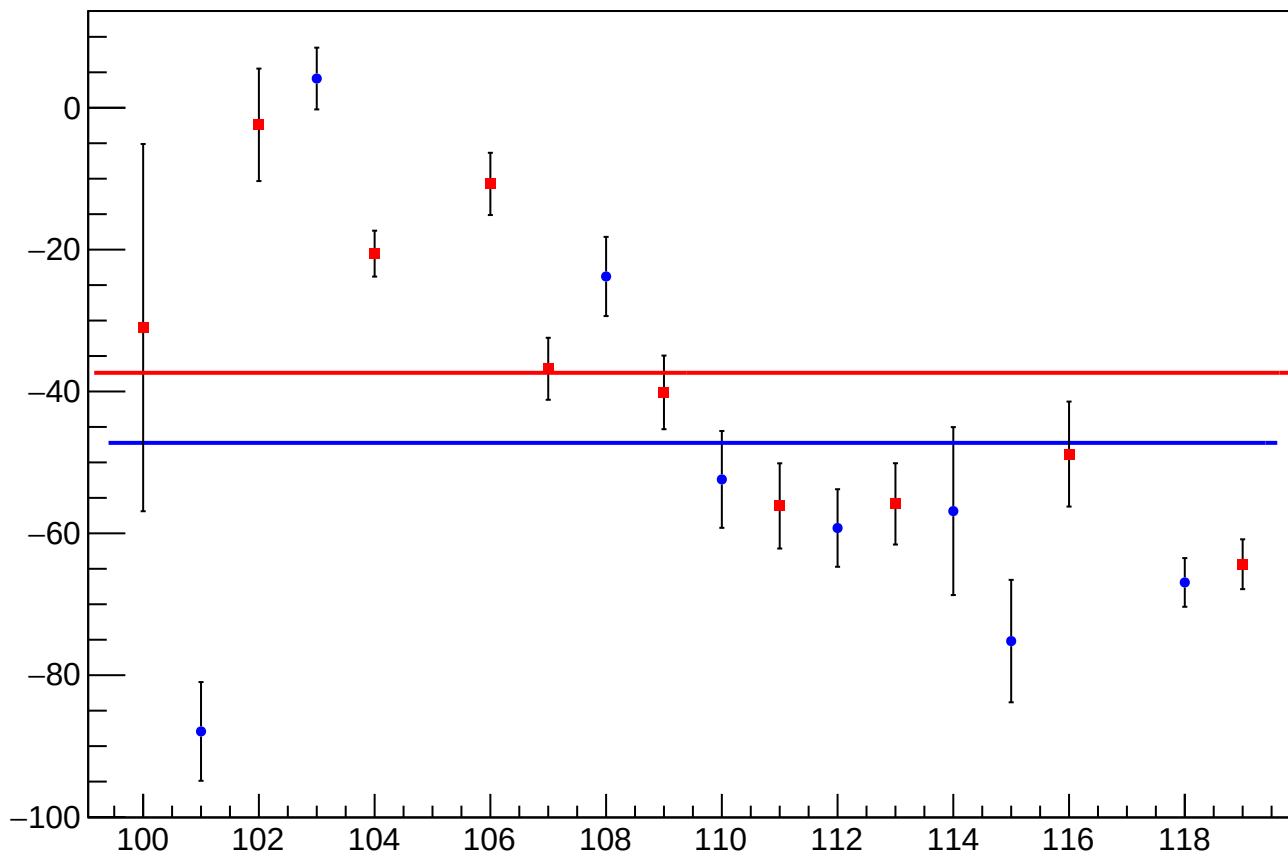
Right: -176.759+/-1.040 χ^2/NDF : 7927.1/17

In: -188.655+/-1.640 χ^2/NDF : 3307.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.759+/-1.040 χ^2/NDF : 7927.1/17

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -47.243+/-1.940 χ^2/NDF : 240.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.366+/-1.558 χ^2/NDF : 165.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

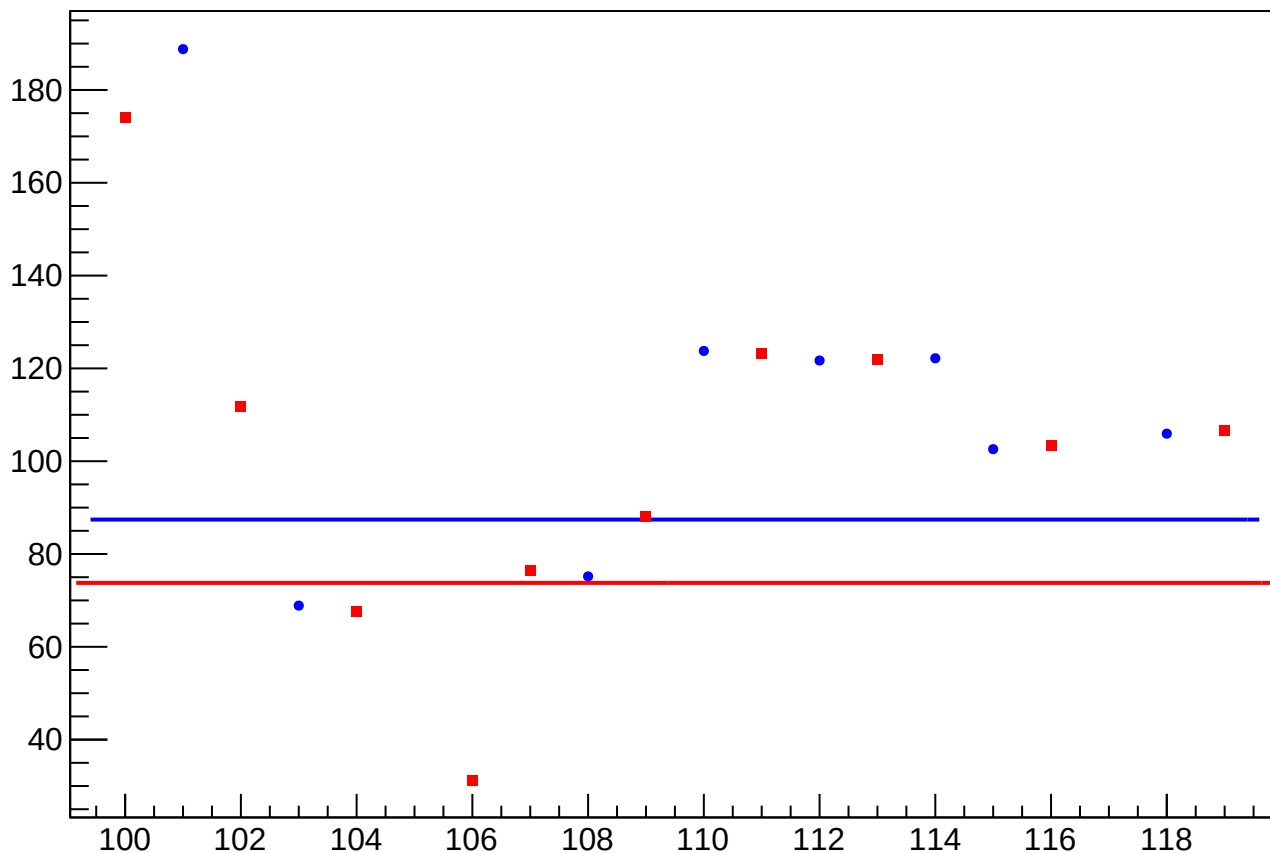
Right: -41.241+/-1.215 χ^2/NDF : 421.4/17

In: -47.243+/-1.940 χ^2/NDF : 240.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.241+/-1.215 χ^2/NDF : 421.4/17

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 87.421+/-0.085 χ^2/NDF : 156600.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.775+/-0.072 χ^2/NDF : 177364.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

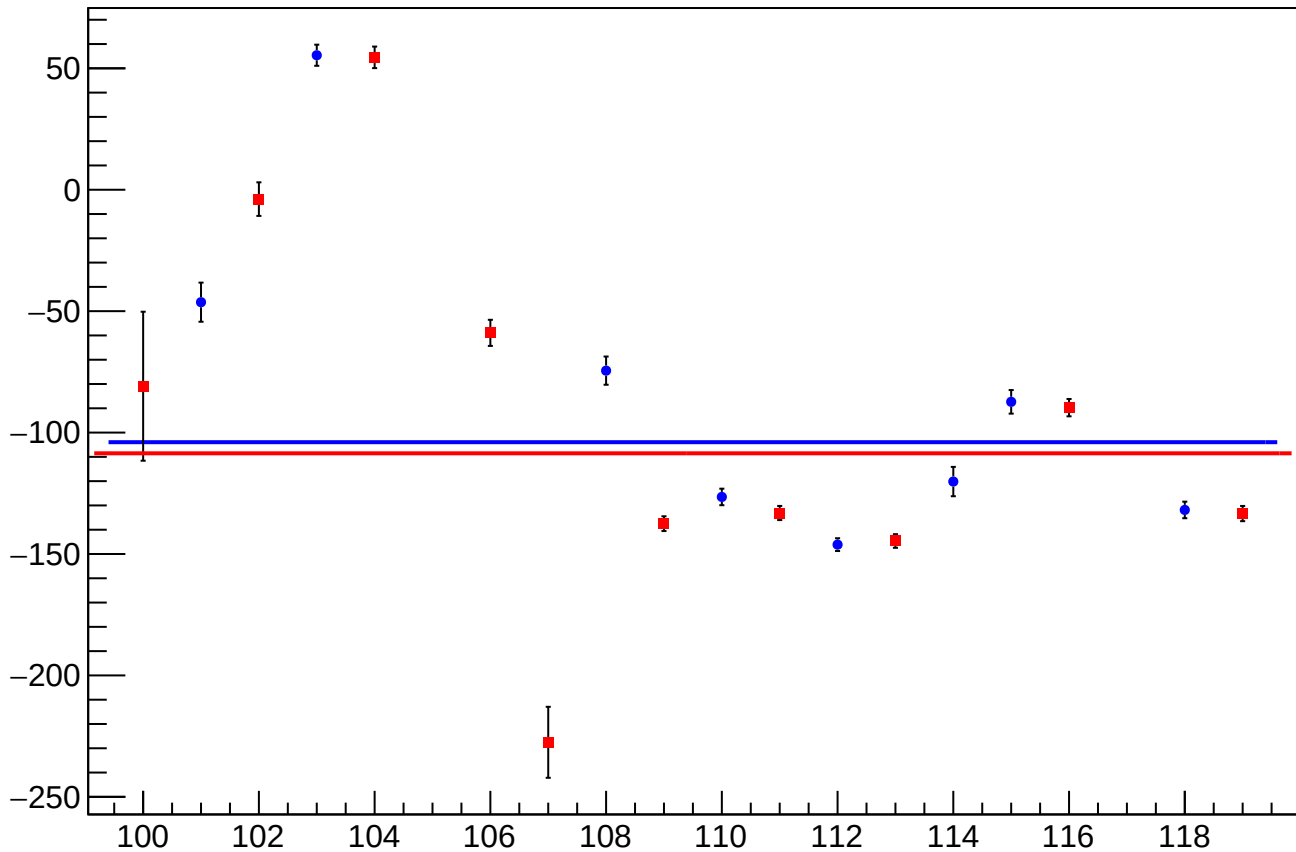
Right: 79.437+/-0.055 χ^2/NDF : 349052.6/17

In: 87.421+/-0.085 χ^2/NDF : 156600.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.437+/-0.055 χ^2/NDF : 349052.6/17

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -103.961+/-1.437 χ^2/NDF : 1804.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.535+/-1.245 χ^2/NDF : 2151.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

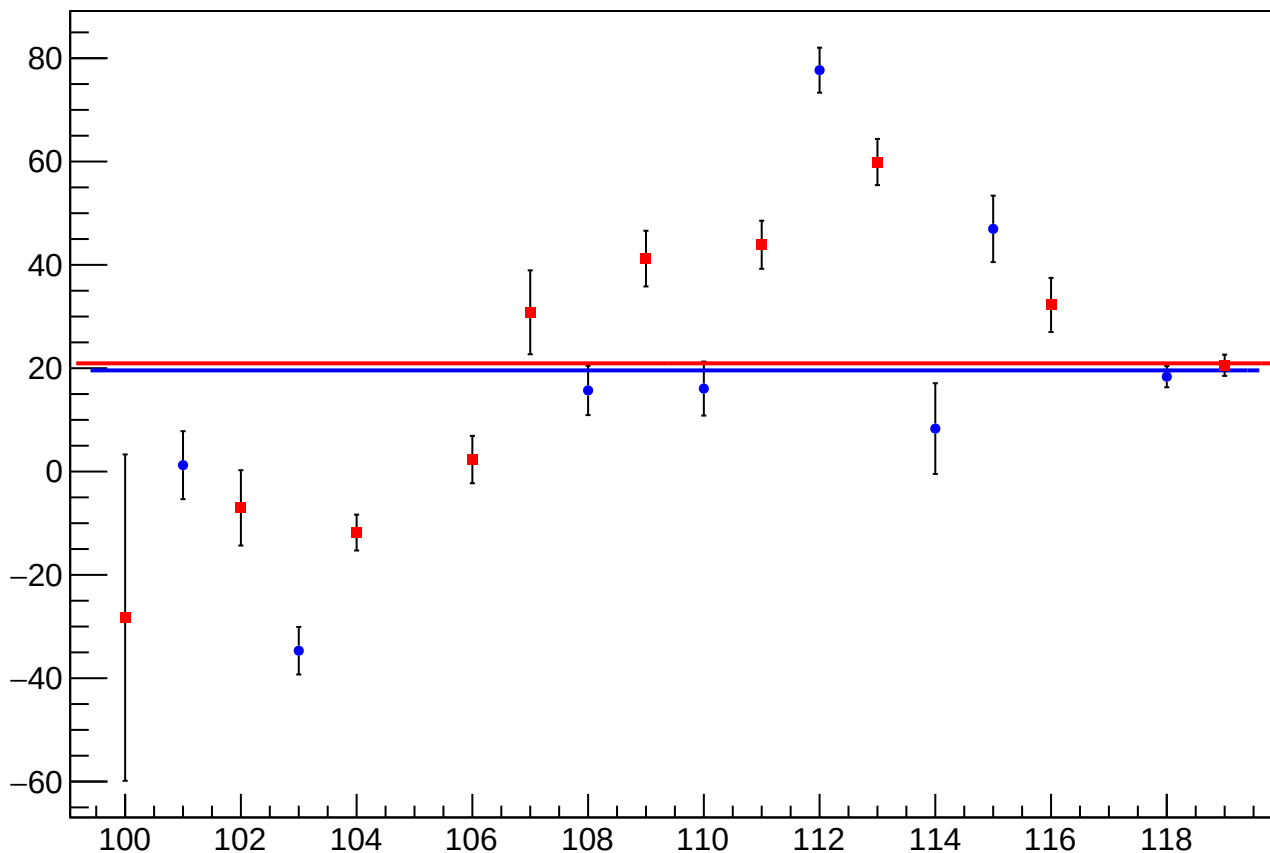
Right: -106.574+/-0.941 χ^2/NDF : 3962.1/17

In: -103.961+/-1.437 χ^2/NDF : 1804.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.574+/-0.941 χ^2/NDF : 3962.1/17

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.578+/-1.446 χ^2/NDF : 346.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.943+/-1.326 χ^2/NDF : 243.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

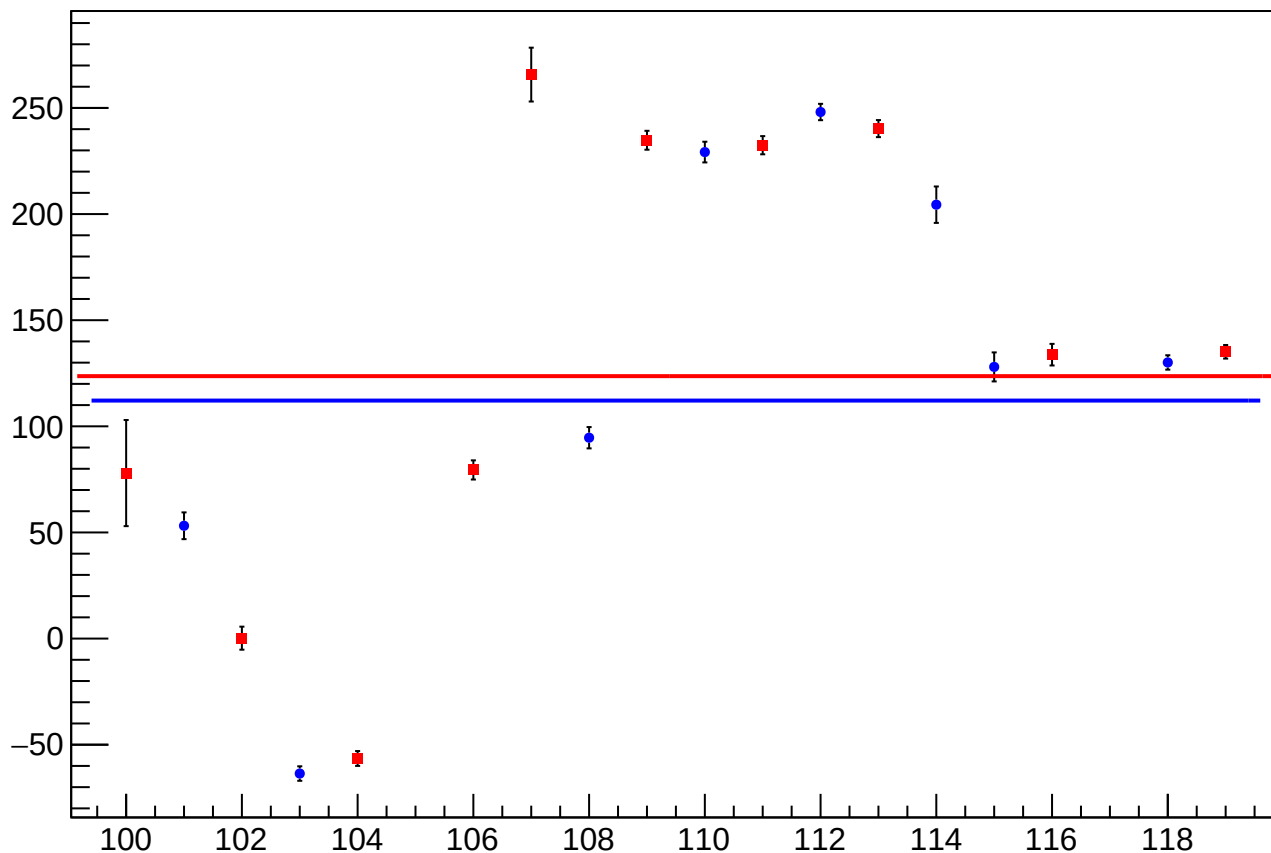
Right: 20.319+/-0.977 χ^2/NDF : 590.0/17

In: 19.578+/-1.446 χ^2/NDF : 346.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.319+/-0.977 χ^2/NDF : 590.0/17

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 112.131+/-1.619 χ^2/NDF : 4716.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.641+/-1.450 χ^2/NDF : 5522.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

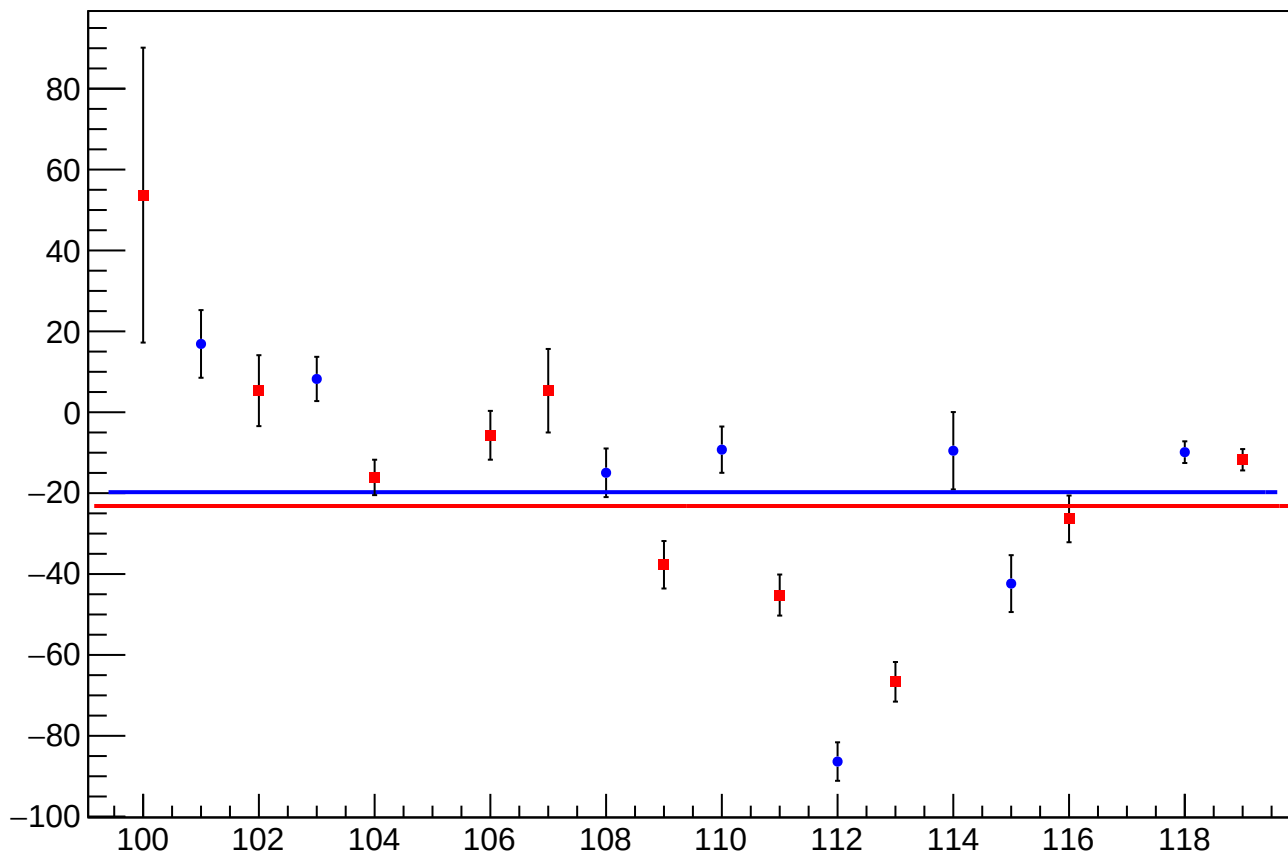
Right: 118.517+/-1.080 χ^2/NDF : 10267.3/17

In: 112.131+/-1.619 χ^2/NDF : 4716.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.517+/-1.080 χ^2/NDF : 10267.3/17

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -19.757+/-1.767 χ^2/NDF : 270.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.179+/-1.610 χ^2/NDF : 156.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

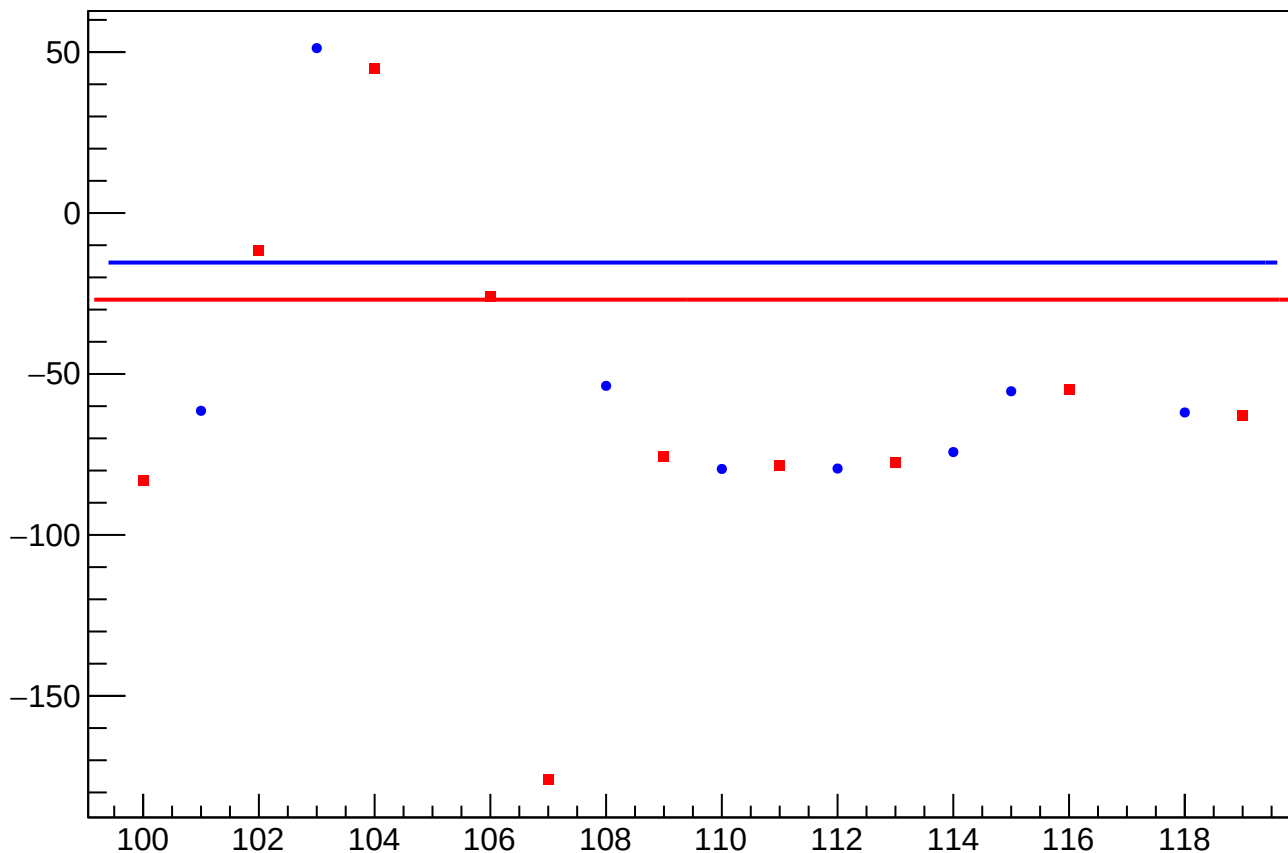
Right: -21.626+/-1.190 χ^2/NDF : 428.9/17

In: -19.757+/-1.767 χ^2/NDF : 270.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.626+/-1.190 χ^2/NDF : 428.9/17

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -15.384+/-0.092 χ^2/NDF : 384612.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.909+/-0.086 χ^2/NDF : 375976.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

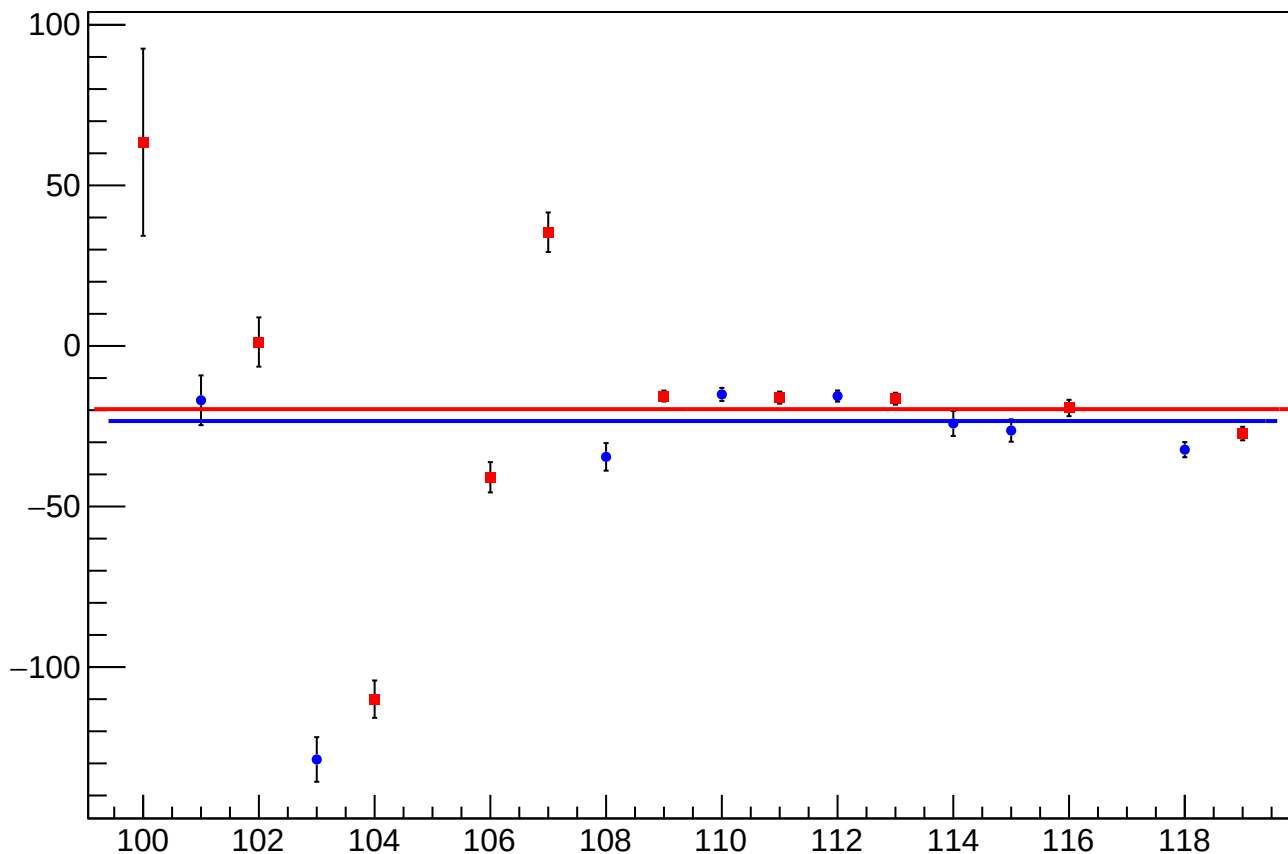
Right: -21.547+/-0.063 χ^2/NDF : 768961.8/17

In: -15.384+/-0.092 χ^2/NDF : 384612.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.547+/-0.063 χ^2/NDF : 768961.8/17

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.384+/-1.003 χ^2/NDF : 289.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.680+/-0.840 χ^2/NDF : 382.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

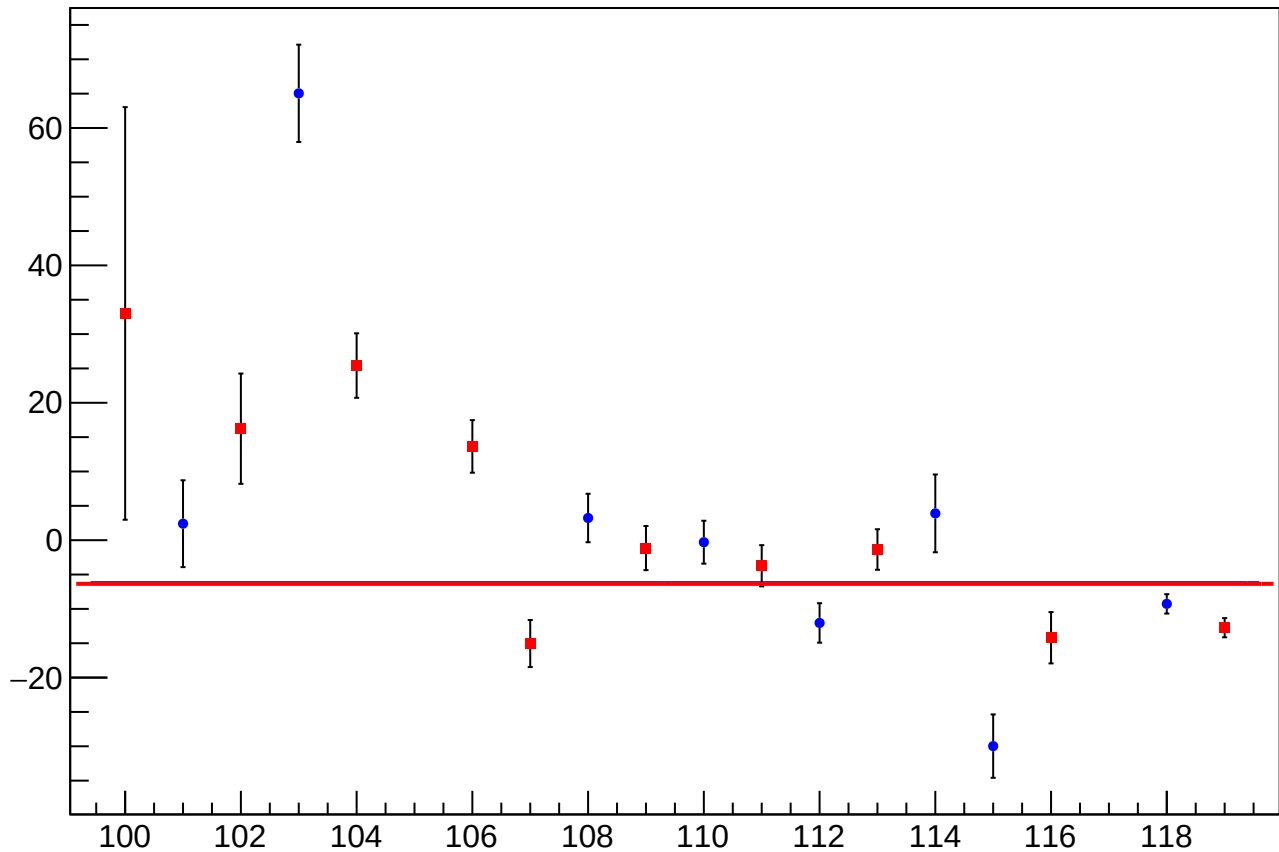
Right: -21.207+/-0.644 χ^2/NDF : 679.2/17

In: -23.384+/-1.003 χ^2/NDF : 289.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.207+/-0.644 χ^2/NDF : 679.2/17

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.259+/-1.037 χ^2/NDF : 152.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.352+/-0.944 χ^2/NDF : 120.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

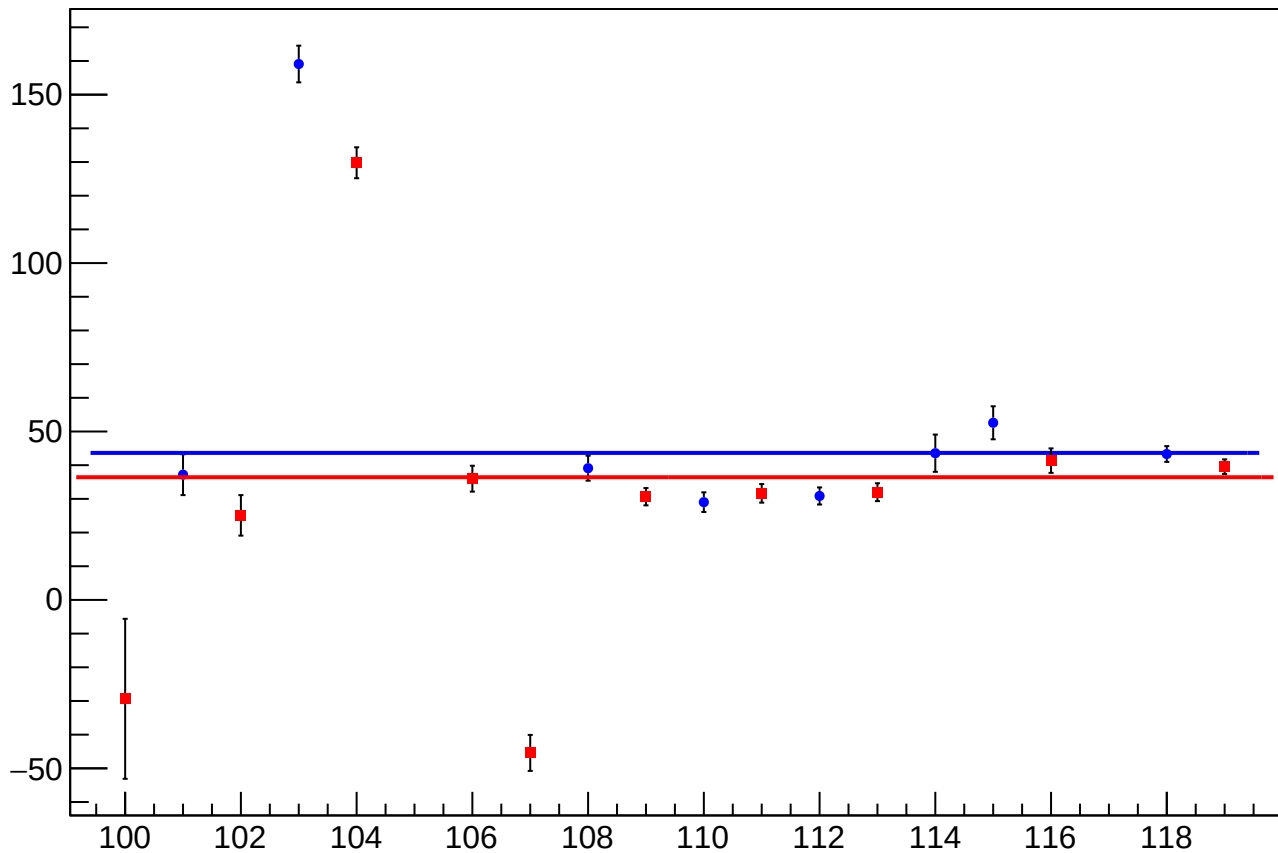
Right: -6.310+/-0.698 χ^2/NDF : 273.0/17

In: -6.259+/-1.037 χ^2/NDF : 152.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.310+/-0.698 χ^2/NDF : 273.0/17

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.644+/-1.229 χ^2/NDF : 505.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.426+/-1.058 χ^2/NDF : 673.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

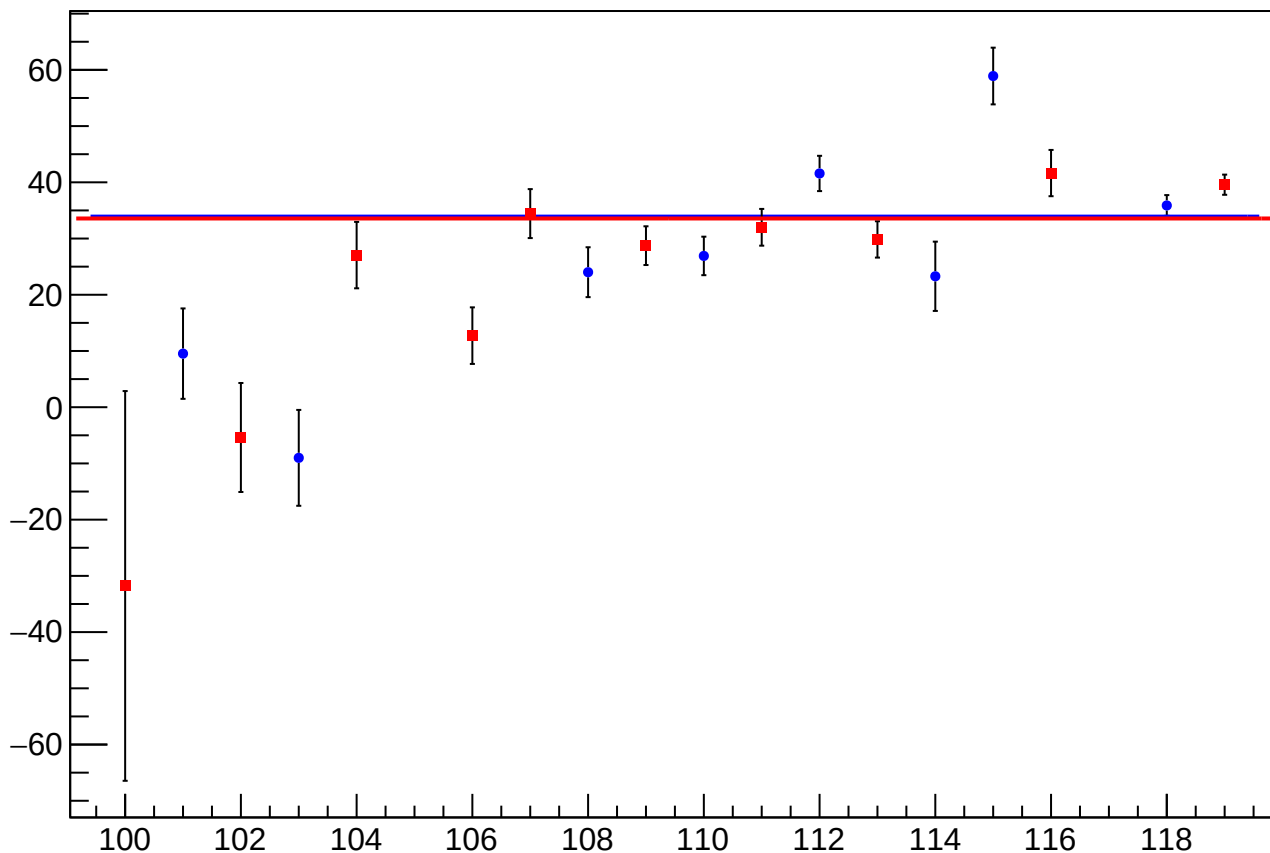
Right: 39.498+/-0.802 χ^2/NDF : 1199.4/17

In: 43.644+/-1.229 χ^2/NDF : 505.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.498+/-0.802 χ^2/NDF : 1199.4/17

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 33.898 $\pm$ 1.264 χ^2 /NDF: 78.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.566 $\pm$ 1.135 χ^2 /NDF: 56.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

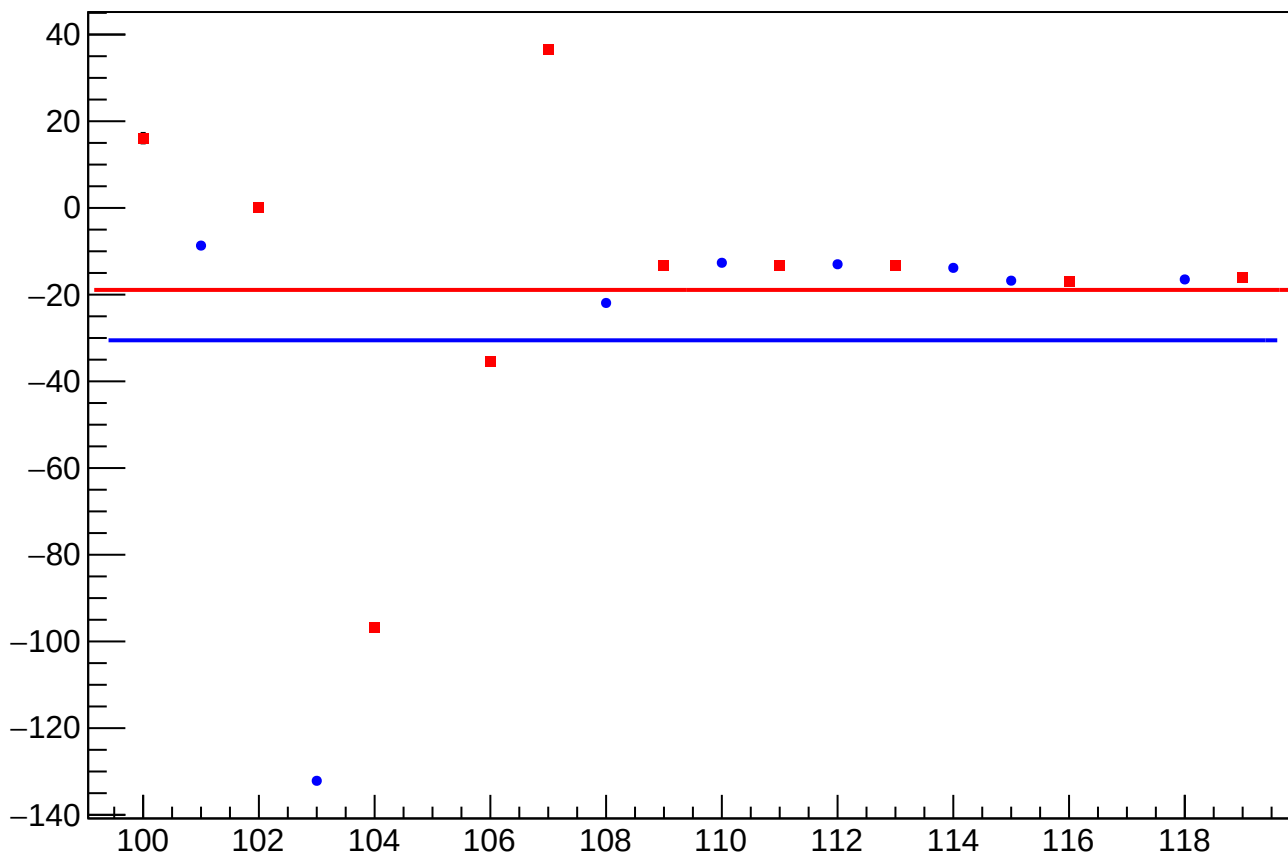
Right: 33.715 $\pm$ 0.844 χ^2 /NDF: 135.1/17

In: 33.898 $\pm$ 1.264 χ^2 /NDF: 78.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.715 $\pm$ 0.844 χ^2 /NDF: 135.1/17

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -30.534+/-0.080 χ^2/NDF : 222993.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.910+/-0.069 χ^2/NDF : 203233.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

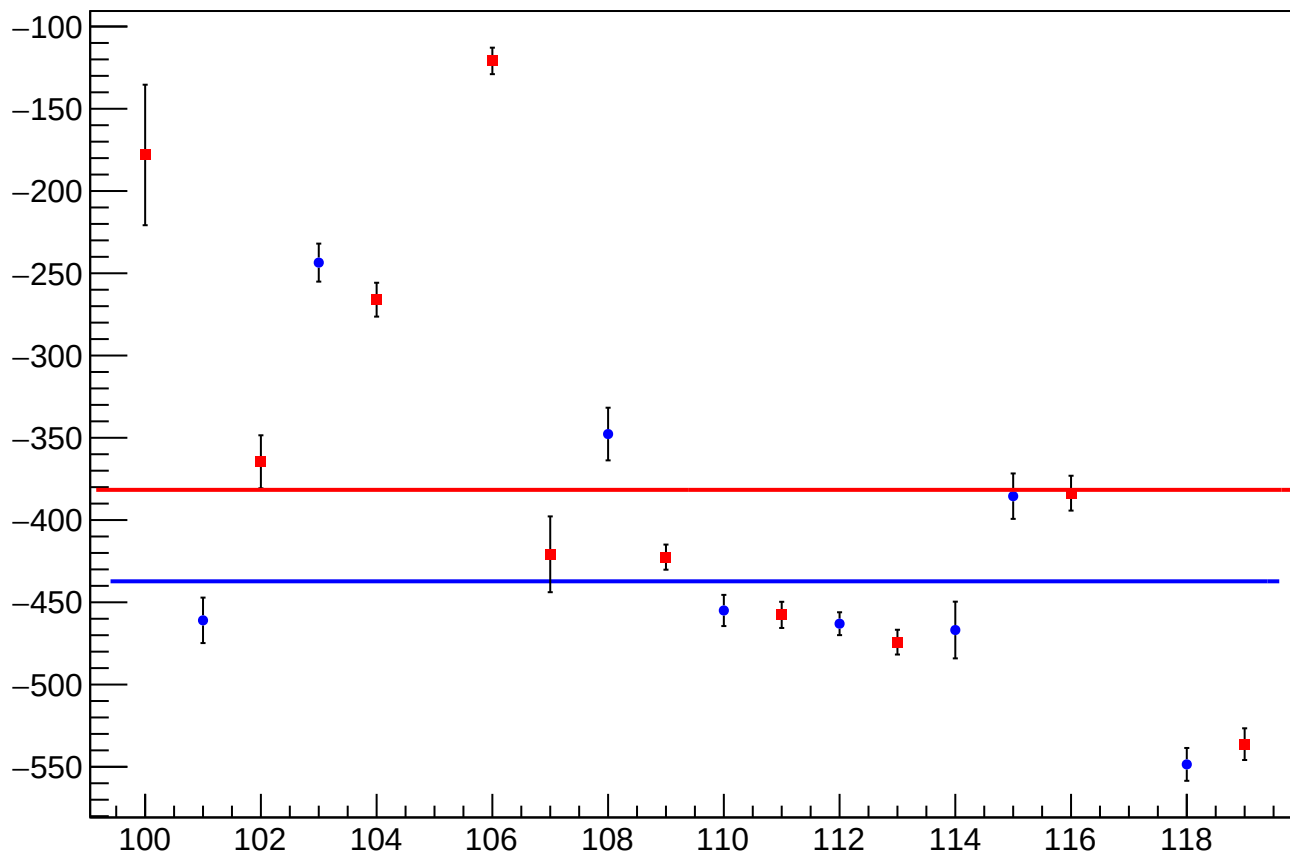
Right: -23.890+/-0.053 χ^2/NDF : 438229.0/17

In: -30.534+/-0.080 χ^2/NDF : 222993.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.890+/-0.053 χ^2/NDF : 438229.0/17

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -437.240+/-3.859 χ^2/NDF : 474.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.651+/-3.140 χ^2/NDF : 1730.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

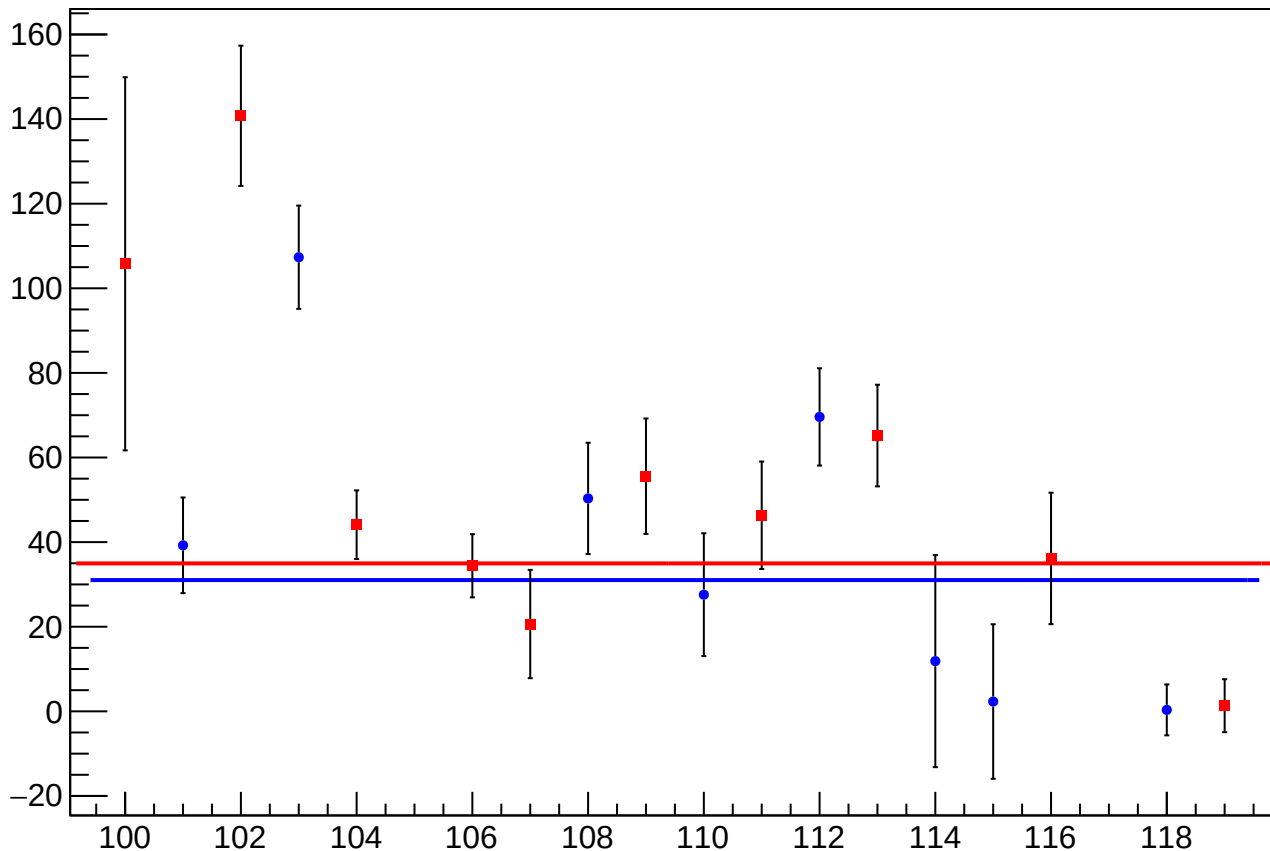
Right: -403.792+/-2.436 χ^2/NDF : 2329.7/17

In: -437.240+/-3.859 χ^2/NDF : 474.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.792+/-2.436 χ^2/NDF : 2329.7/17

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 31.026+/-3.927 χ^2/NDF : 82.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.970+/-3.305 χ^2/NDF : 84.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

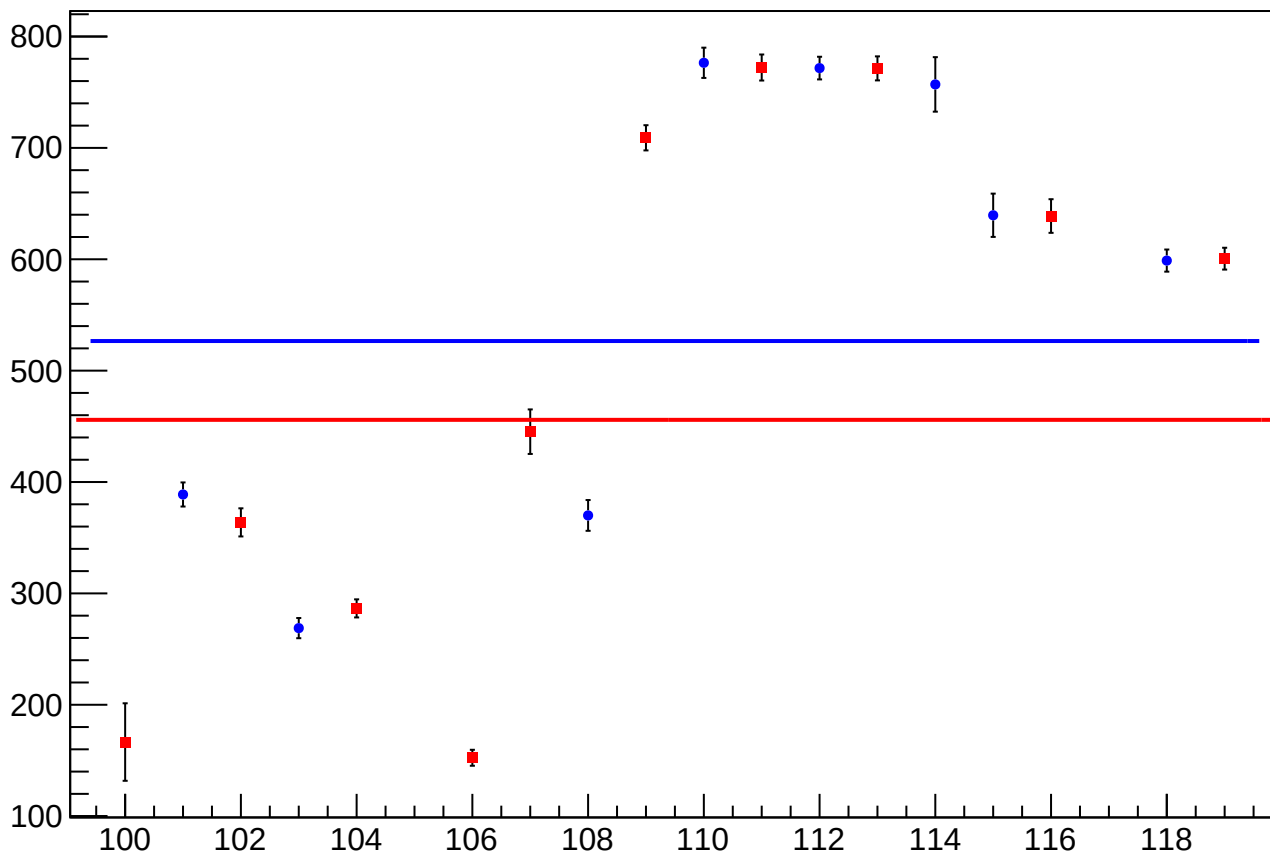
Right: 33.335+/-2.529 χ^2/NDF : 166.9/17

In: 31.026+/-3.927 χ^2/NDF : 82.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.335+/-2.529 χ^2/NDF : 166.9/17

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 526.591 $\pm$ 4.245 χ^2 /NDF: 2193.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 455.825 $\pm$ 3.476 χ^2 /NDF: 4804.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

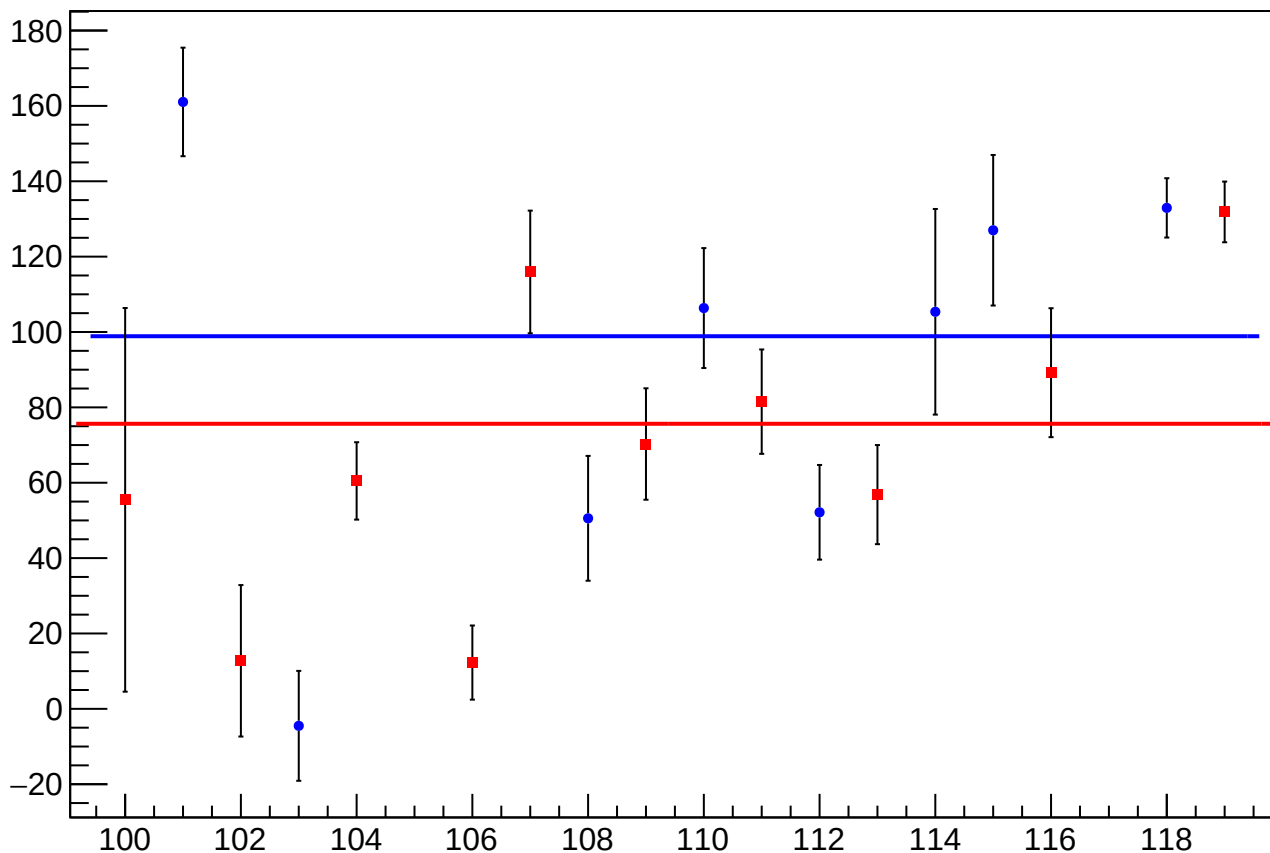
Right: 484.227 $\pm$ 2.689 χ^2 /NDF: 7164.2/17

In: 526.591 $\pm$ 4.245 χ^2 /NDF:2193.4/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 484.227 $\pm$ 2.689 χ^2 /NDF: 7164.2/17

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.879+/-4.798 χ^2/NDF : 112.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.647+/-4.054 χ^2/NDF : 111.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

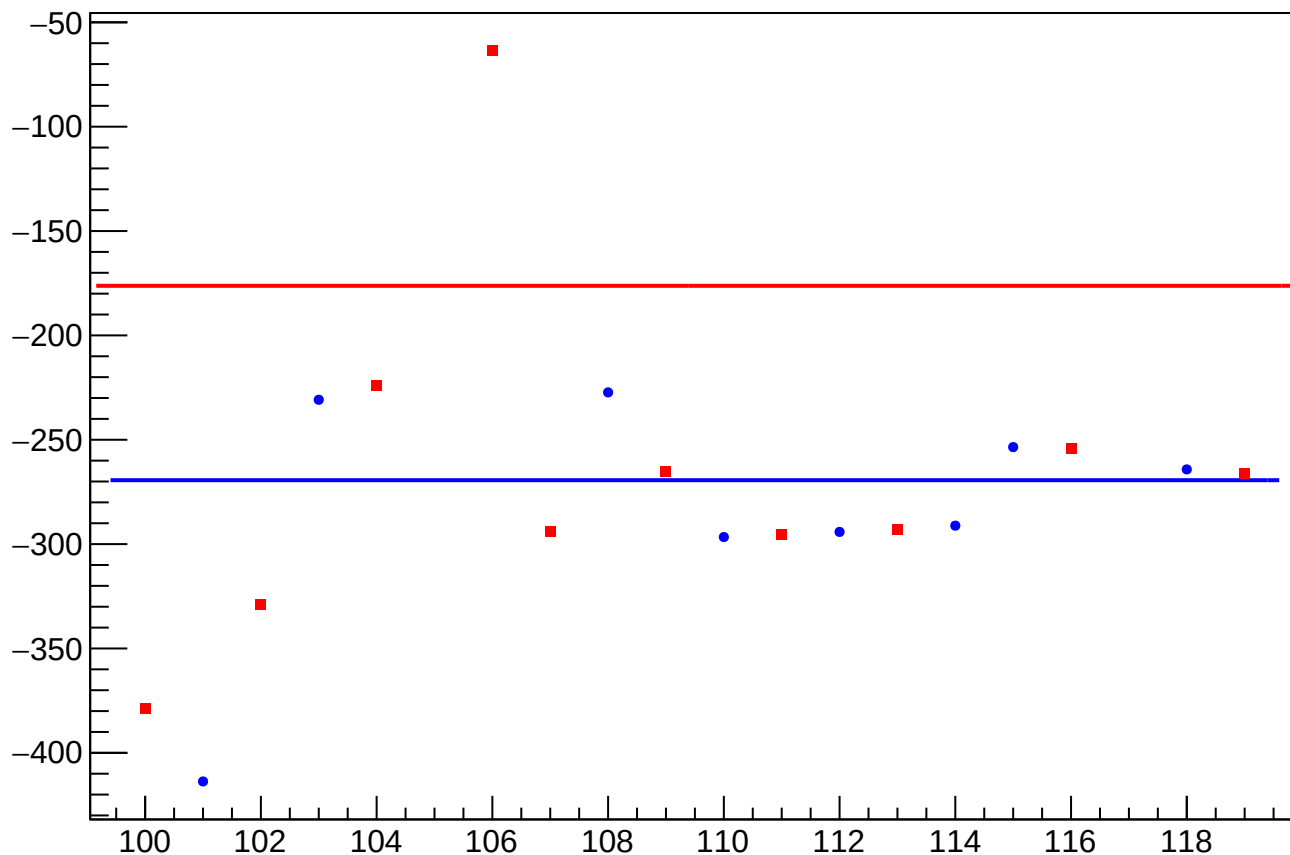
Right: 85.324+/-3.096 χ^2/NDF : 237.4/17

In: 98.879+/-4.798 χ^2/NDF : 112.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.324+/-3.096 χ^2/NDF : 237.4/17

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -269.377+/-0.241 χ^2 /NDF: 67584.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -176.228+/-0.173 χ^2 /NDF: 388337.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

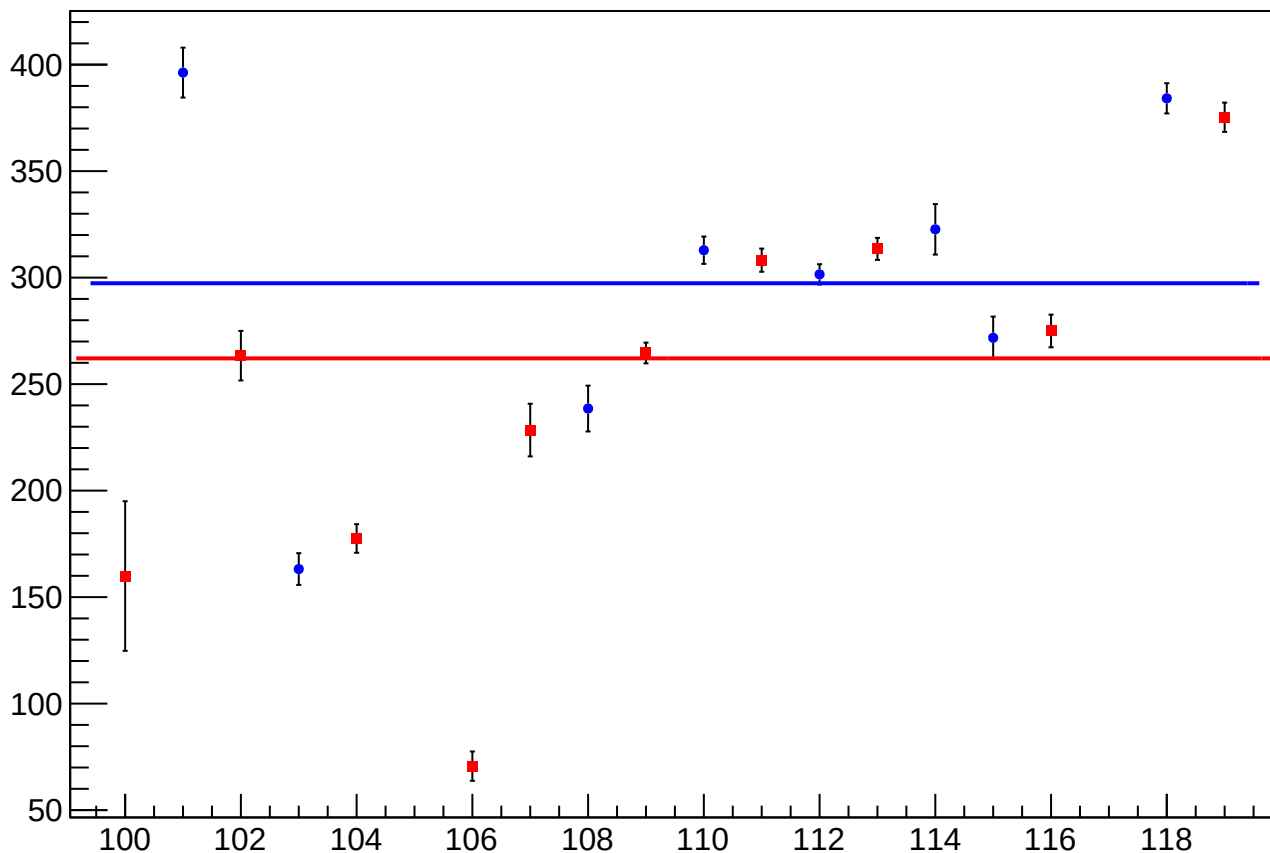
Right: -207.780+/-0.140 χ^2 /NDF: 554556.2/17

In: -269.377+/-0.241 χ^2 /NDF:67584.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -207.780+/-0.140 χ^2 /NDF: 554556.2/17

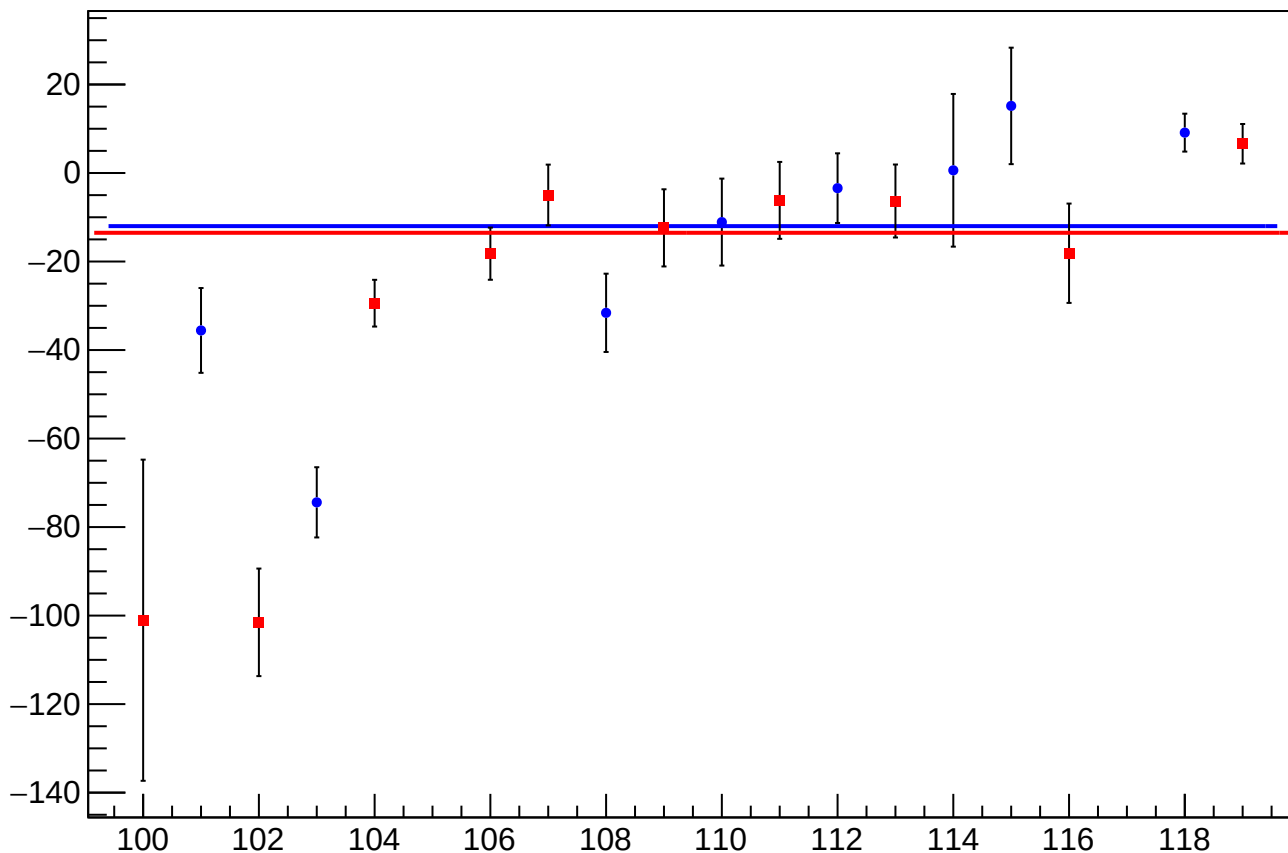
reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 297.355 $\pm$ 2.678 χ^2 /NDF: 592.9/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 262.088 $\pm$ 2.184 χ^2 /NDF: 1392.4/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 276.175 $\pm$ 1.692 χ^2 /NDF: 2089.5/17
 In: 297.355 $\pm$ 2.678 χ^2 /NDF:592.9/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 276.175 $\pm$ 1.692 χ^2 /NDF: 2089.5/17

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -12.003+/-2.777 χ^2/NDF : 103.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.508+/-2.279 χ^2/NDF : 91.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

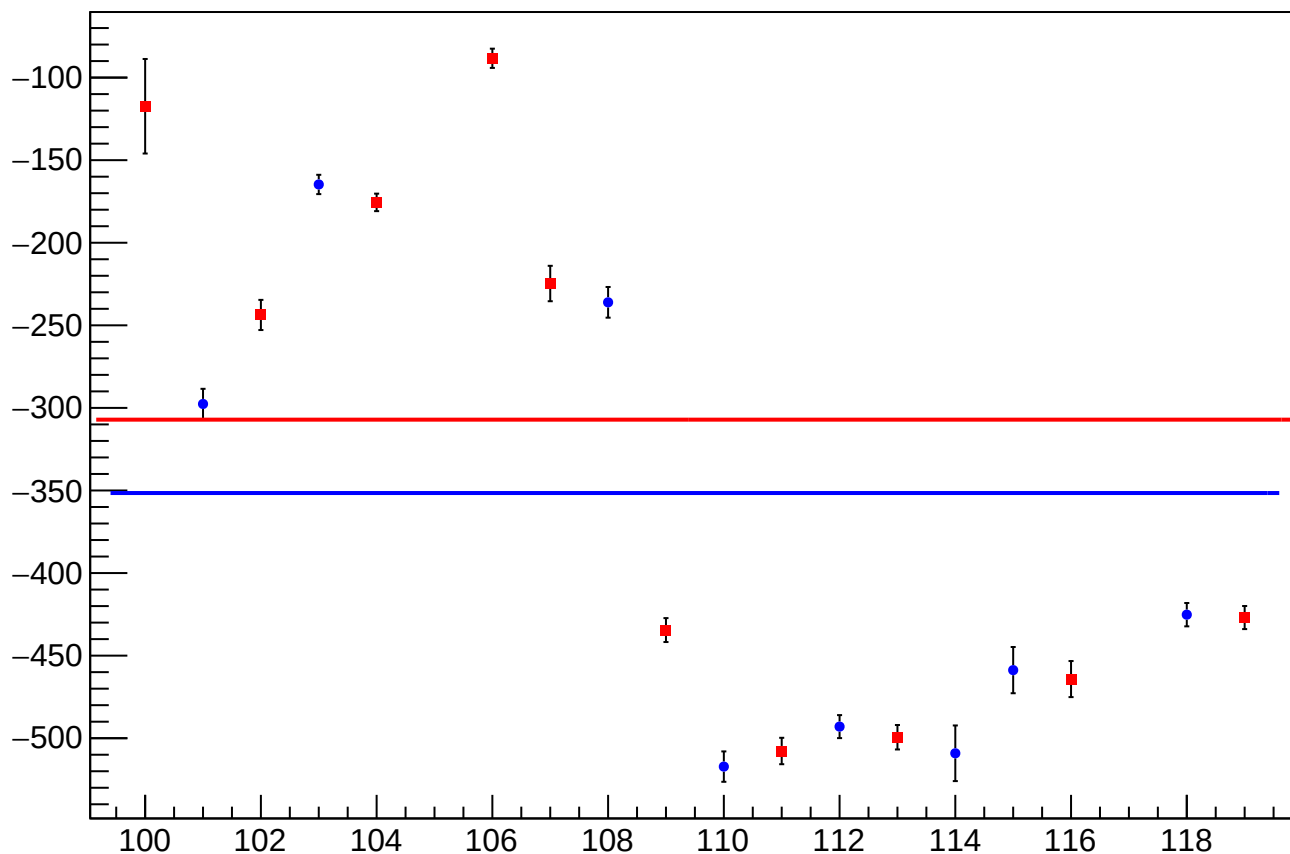
Right: -12.902+/-1.761 χ^2/NDF : 194.8/17

In: -12.003+/-2.777 χ^2/NDF : 103.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.902+/-1.761 χ^2/NDF : 194.8/17

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -351.543+/-2.964 χ^2/NDF : 2201.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.115+/-2.434 χ^2/NDF : 4293.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

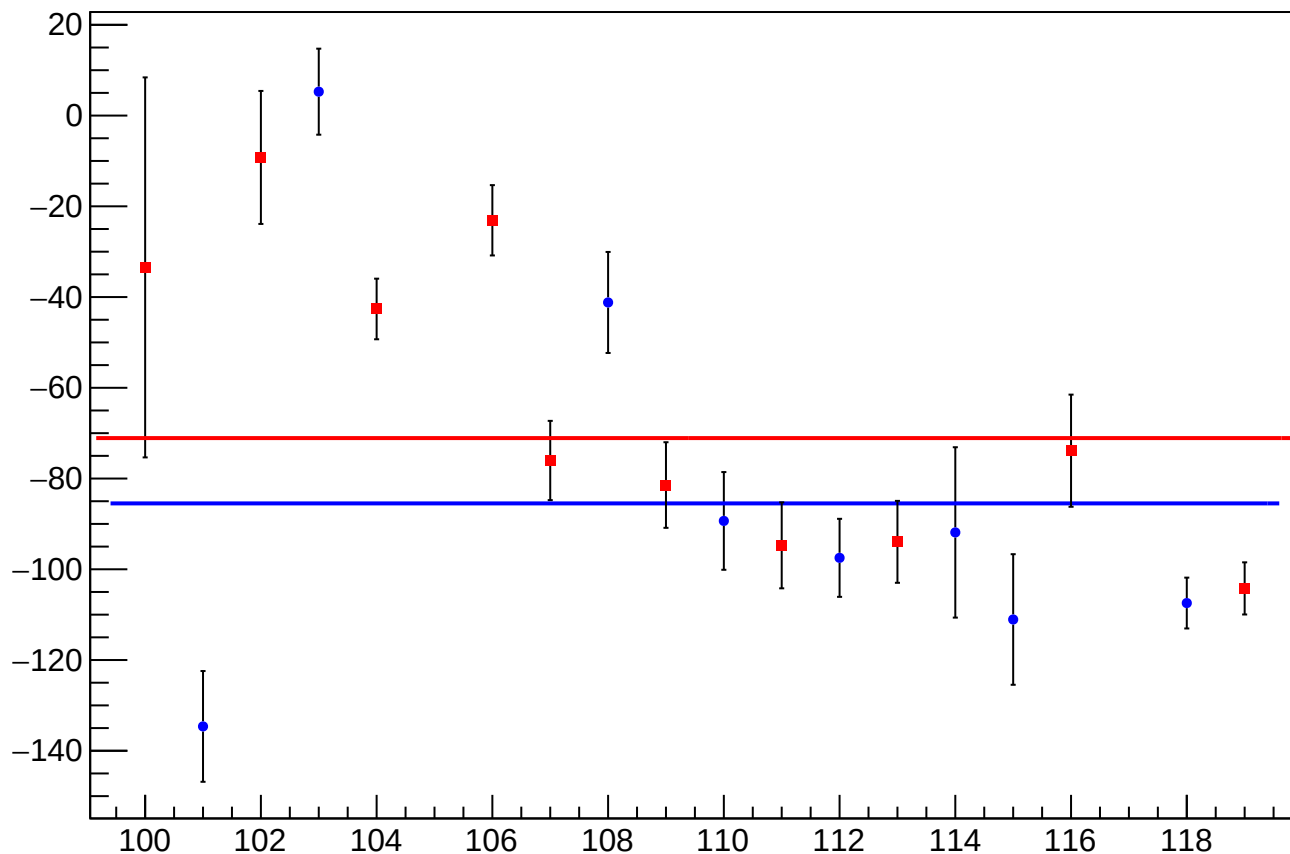
Right: -325.003+/-1.881 χ^2/NDF : 6628.9/17

In: -351.543+/-2.964 χ^2/NDF : 2201.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.003+/-1.881 χ^2/NDF : 6628.9/17

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -85.479+/-3.379 χ^2/NDF : 144.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -71.083+/-2.786 χ^2/NDF : 122.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

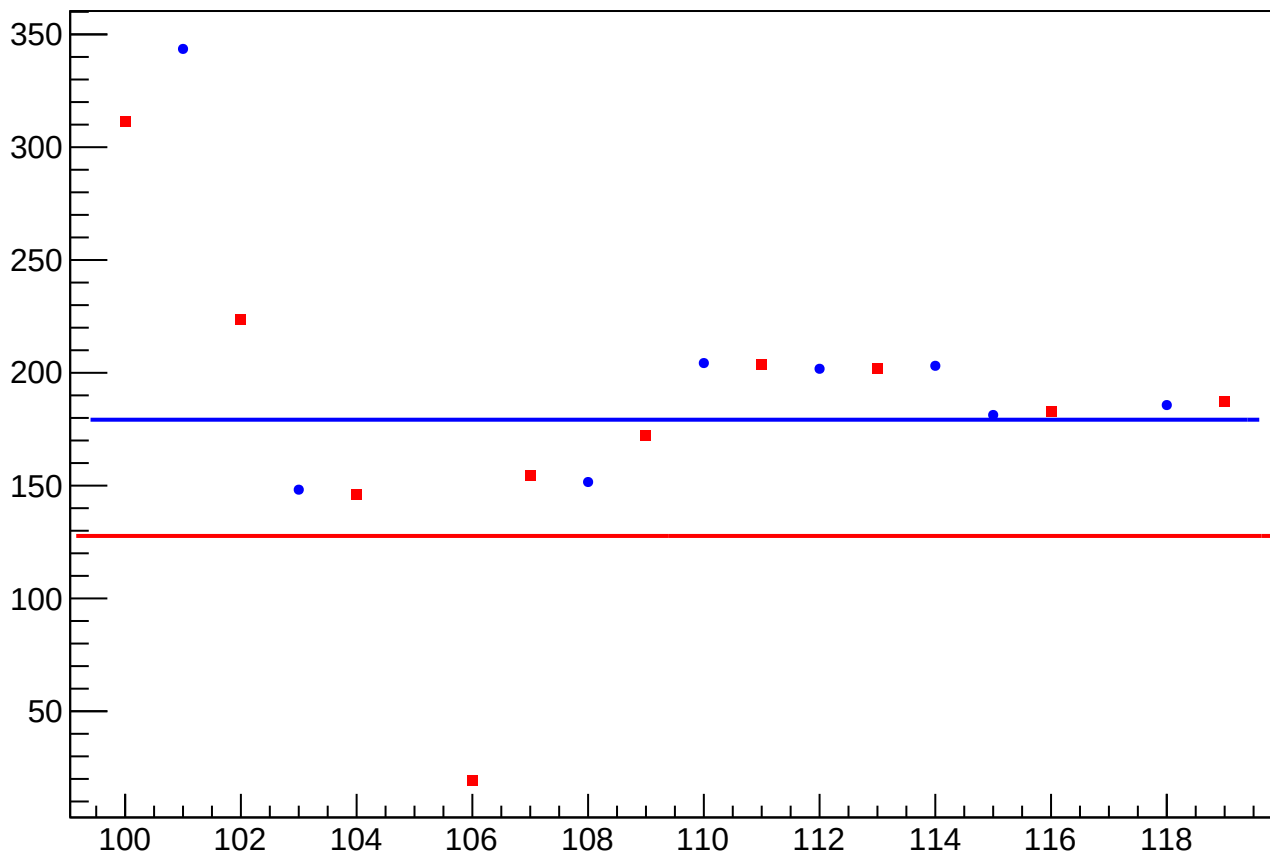
Right: -76.908+/-2.149 χ^2/NDF : 277.8/17

In: -85.479+/-3.379 χ^2/NDF : 144.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.908+/-2.149 χ^2/NDF : 277.8/17

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 179.215+/-0.165 χ^2/NDF : 114719.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.696+/-0.129 χ^2/NDF : 356951.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

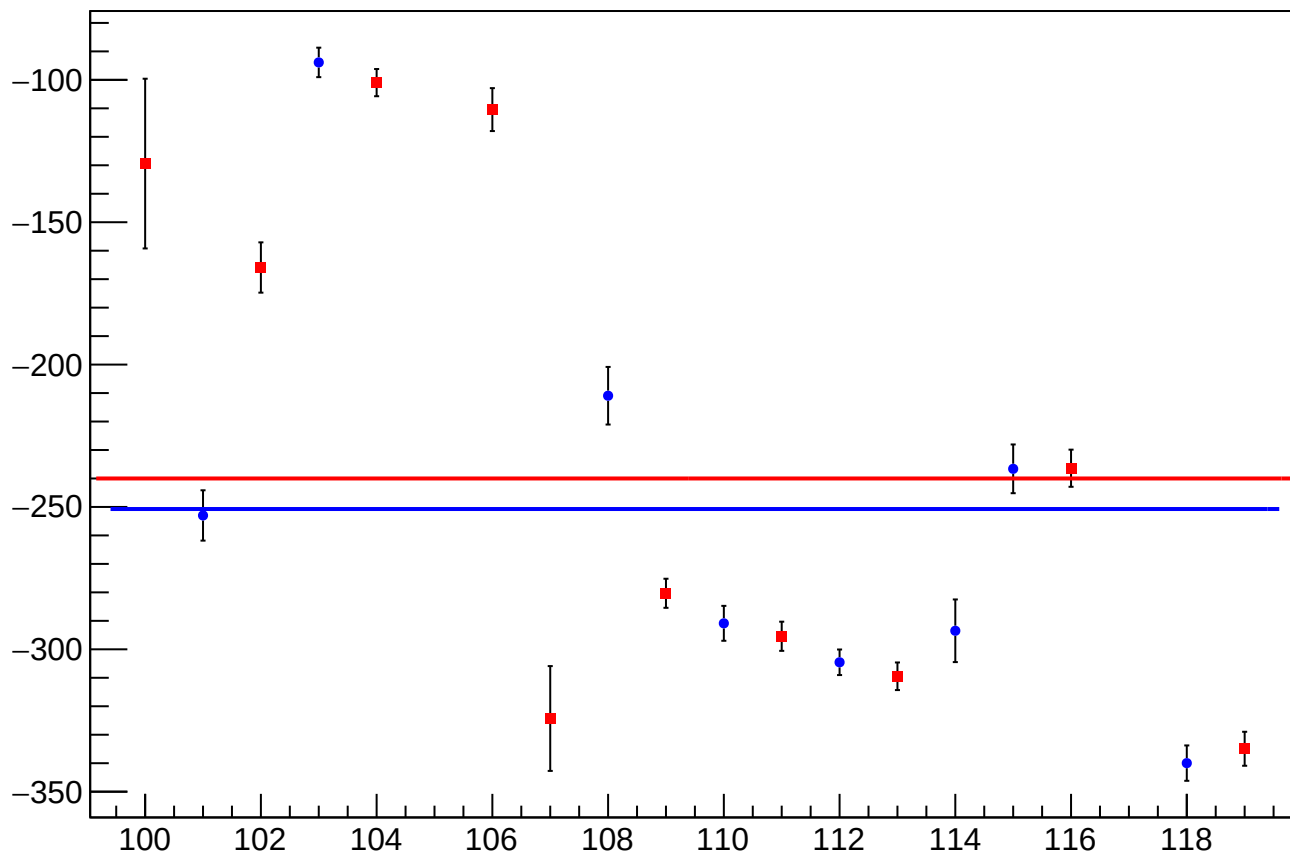
Right: 147.231+/-0.102 χ^2/NDF : 532137.2/17

In: 179.215+/-0.165 χ^2/NDF : 114719.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.231+/-0.102 χ^2/NDF : 532137.2/17

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -250.726+/-2.331 χ^2 /NDF: 1344.9/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -240.000+/-2.004 χ^2 /NDF: 1885.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

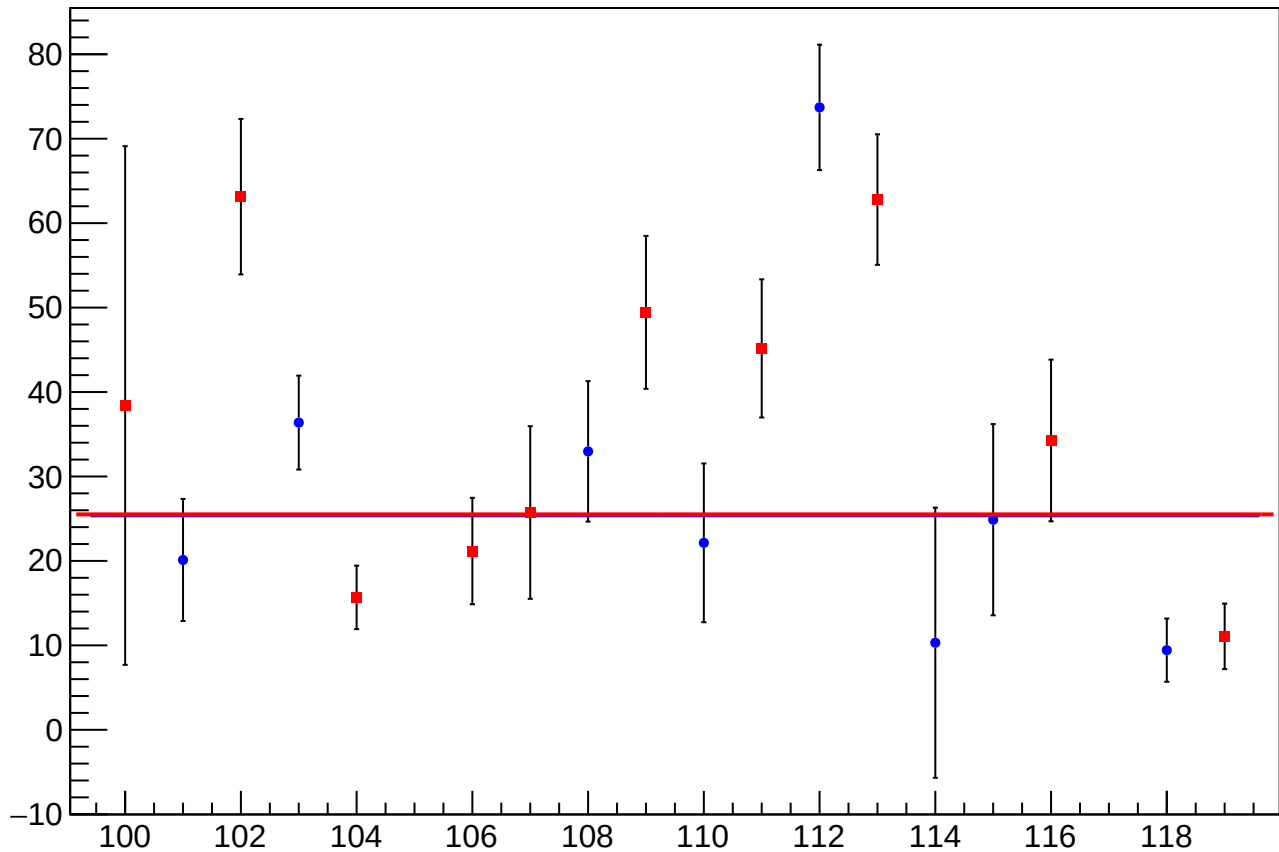
Right: -244.559+/-1.520 χ^2 /NDF: 3242.3/17

In: -250.726+/-2.331 χ^2 /NDF:1344.9/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -244.559+/-1.520 χ^2 /NDF: 3242.3/17

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 25.406+/-2.368 χ^2/NDF : 66.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.510+/-2.043 χ^2/NDF : 74.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

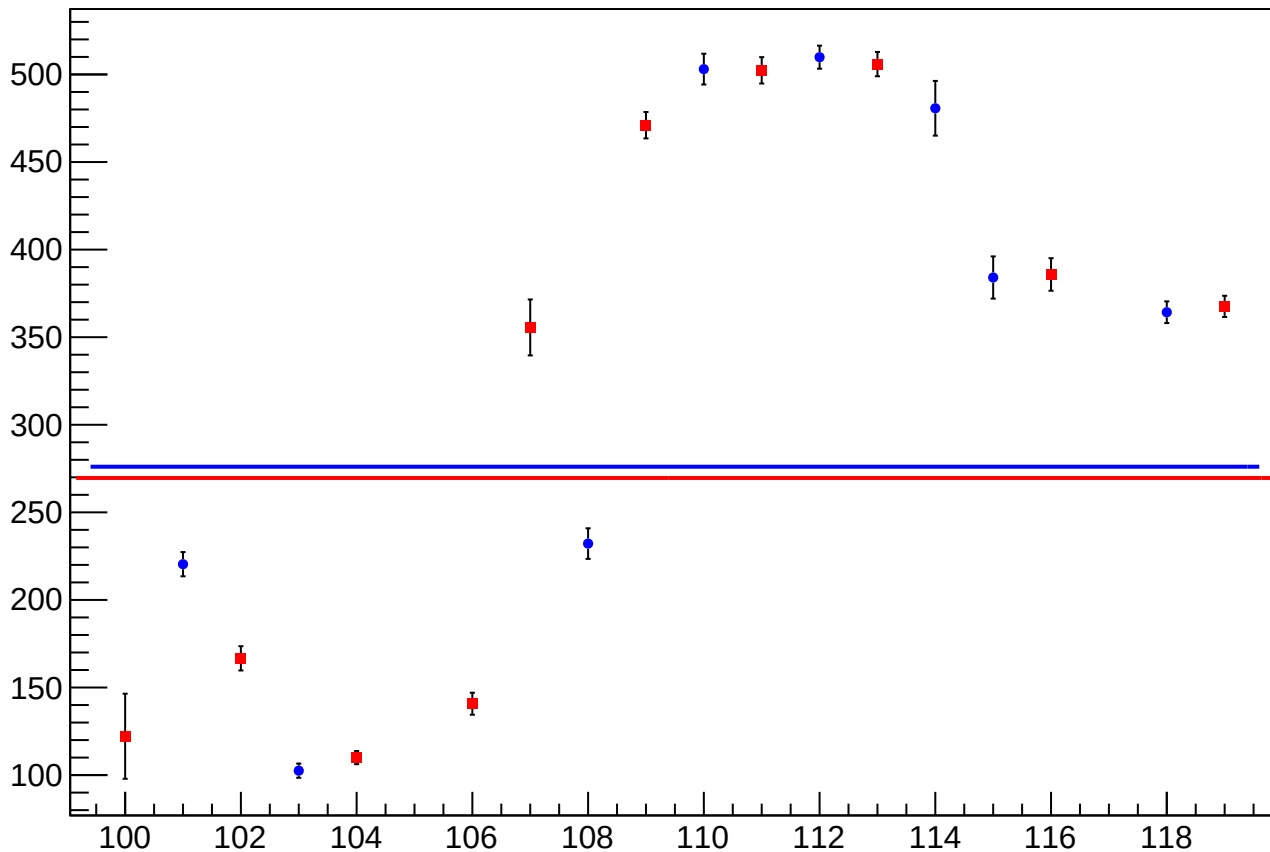
Right: 25.466+/-1.547 χ^2/NDF : 141.7/17

In: 25.406+/-2.368 χ^2/NDF : 66.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.466+/-1.547 χ^2/NDF : 141.7/17

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 276.057+/-2.442 χ^2/NDF : 4300.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 269.639+/-2.147 χ^2/NDF : 5749.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

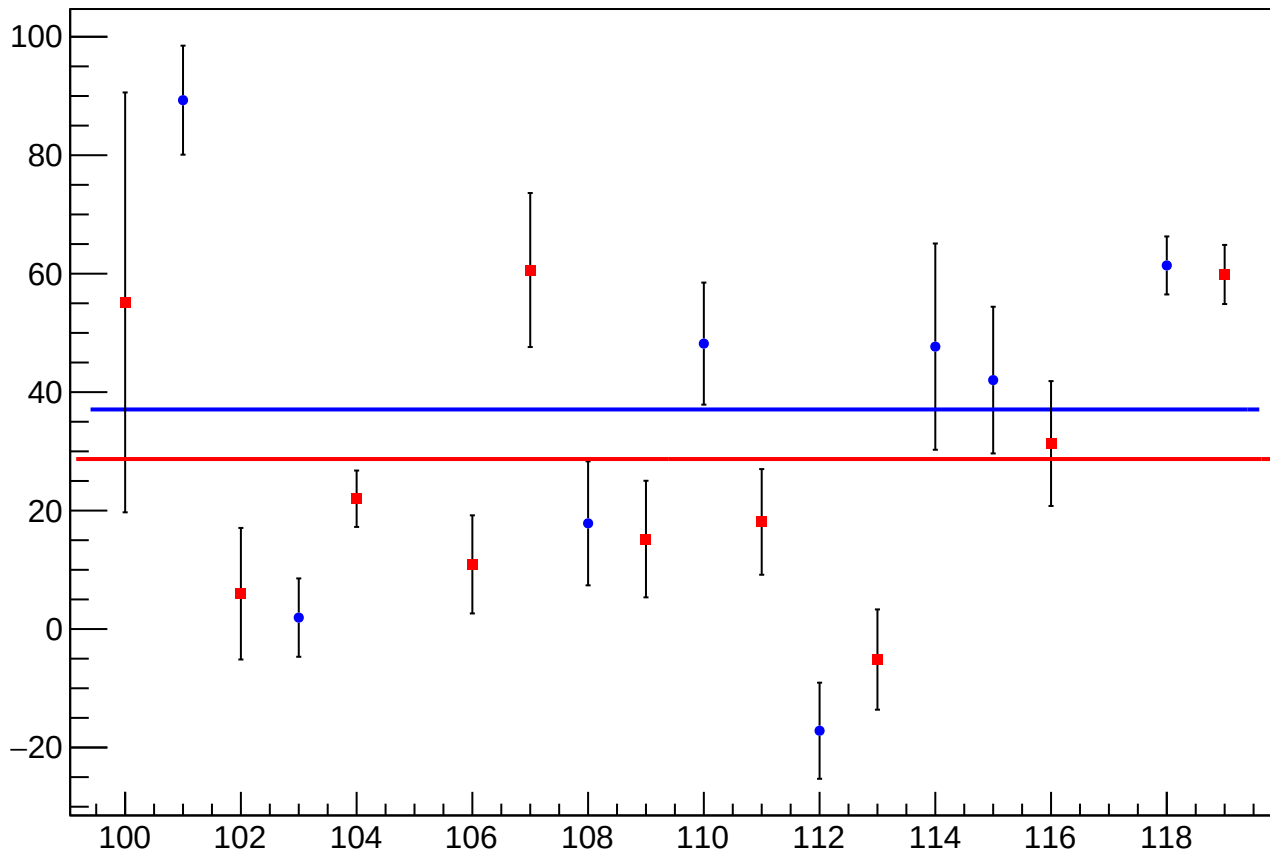
Right: 272.437+/-1.612 χ^2/NDF : 10053.5/17

In: 276.057+/-2.442 χ^2/NDF :4300.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 272.437+/-1.612 χ^2/NDF : 10053.5/17

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 37.074+/-2.888 χ^2 /NDF: 134.8/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 28.706+/-2.504 χ^2 /NDF: 75.7/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

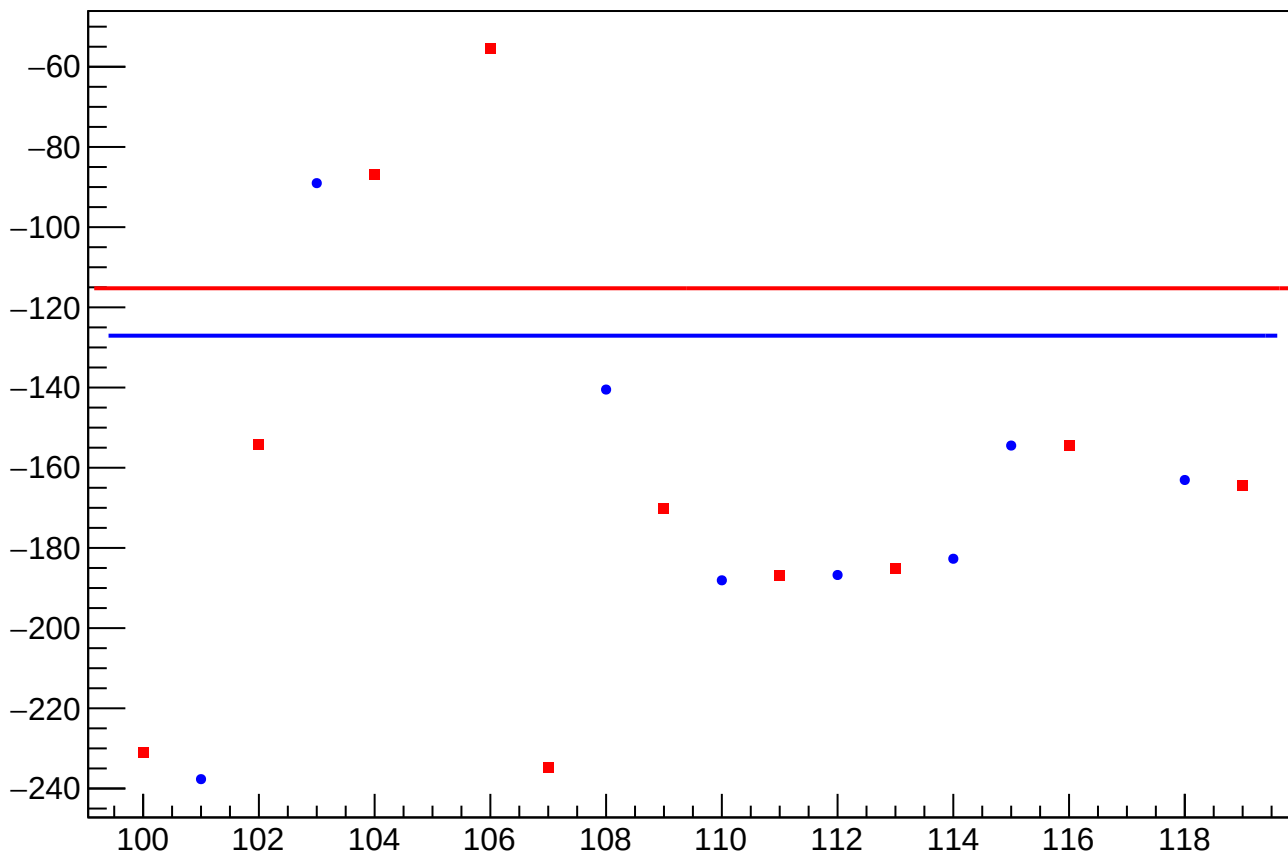
Right: 32.296+/-1.892 χ^2 /NDF: 215.4/17

In: 37.074+/-2.888 χ^2 /NDF:134.8/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 32.296+/-1.892 χ^2 /NDF: 215.4/17

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -127.065+/-0.129 χ^2/NDF : 152879.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -115.242+/-0.115 χ^2/NDF : 194244.6/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

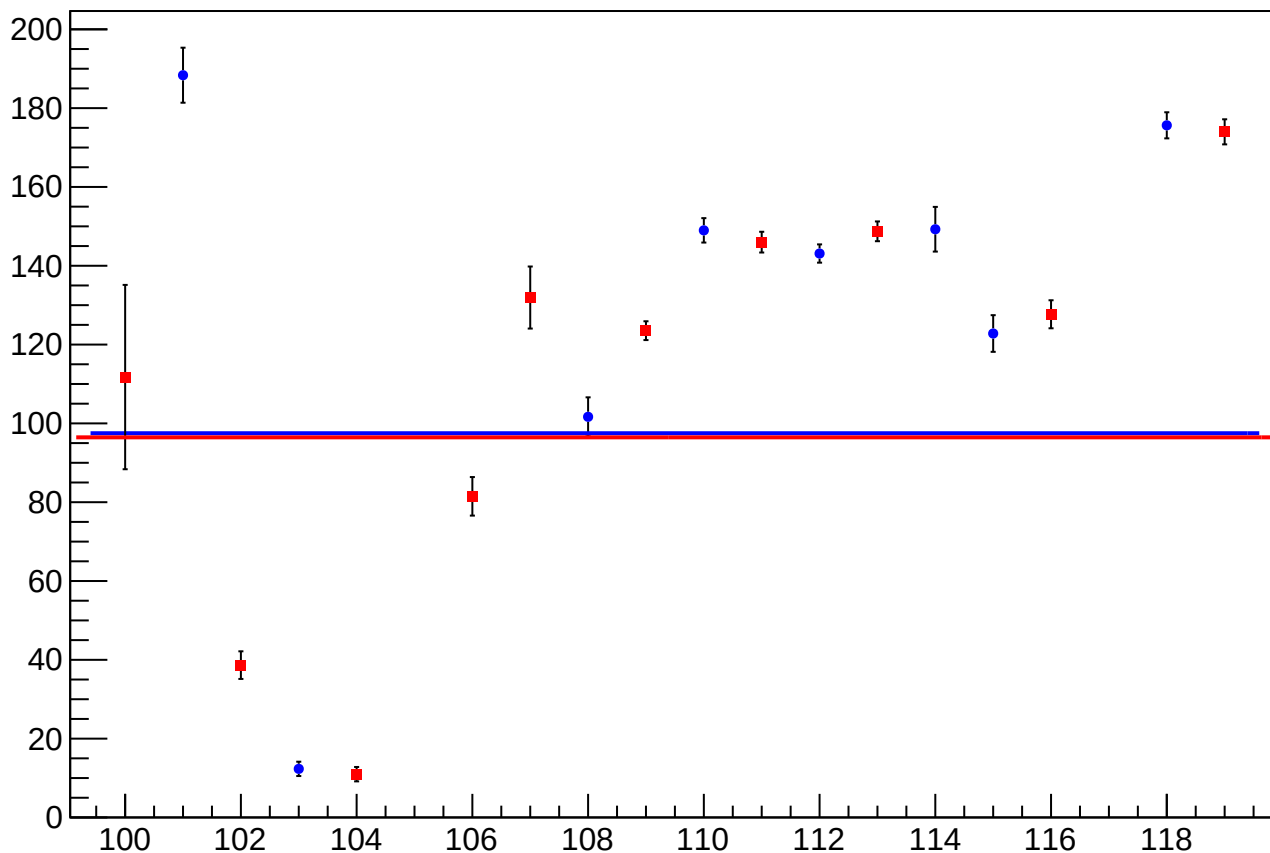
Right: -120.467+/-0.086 χ^2/NDF : 351828.6/17

In: -127.065+/-0.129 χ^2/NDF :152879.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -120.467+/-0.086 χ^2/NDF : 351828.6/17

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 97.500+/-1.102 χ^2/NDF : 3699.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.457+/-0.955 χ^2/NDF : 4078.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

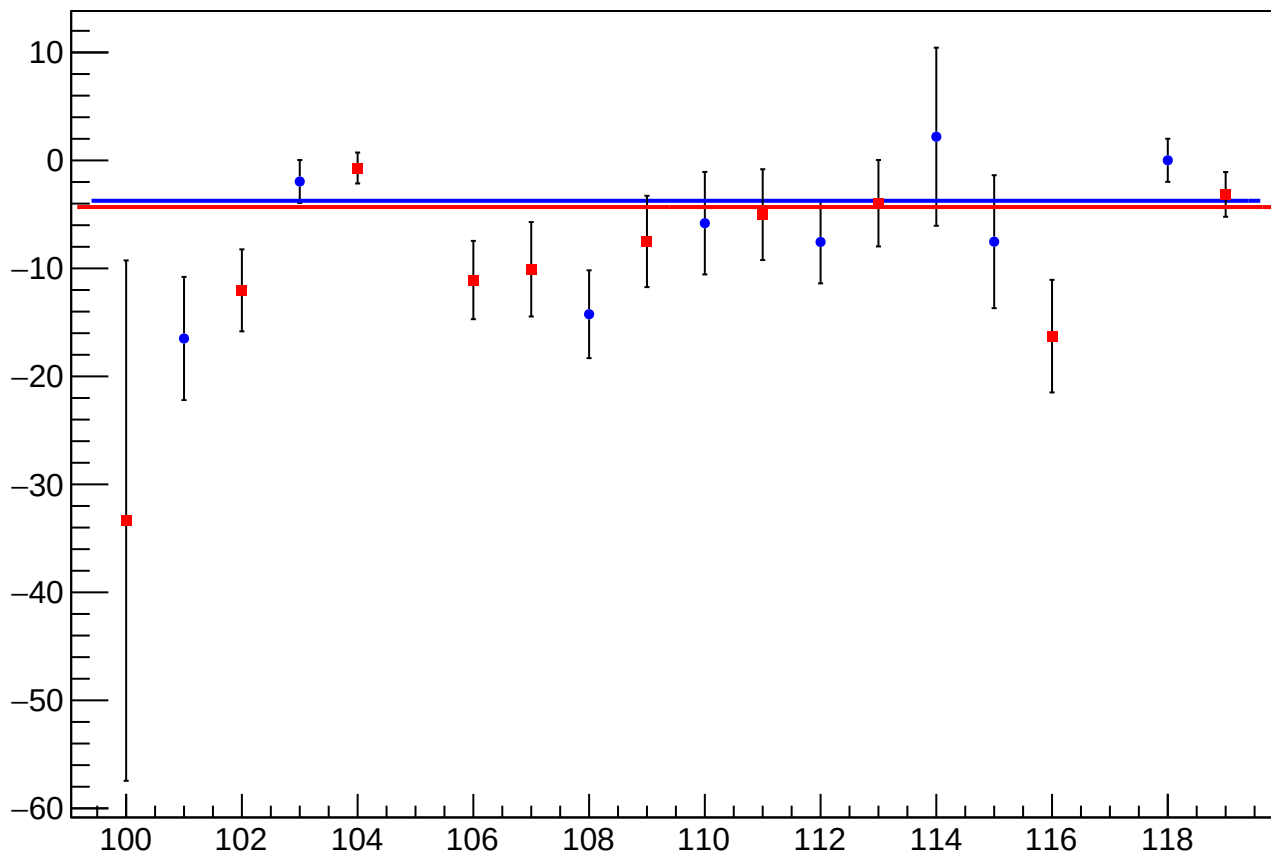
Right: 96.904+/-0.722 χ^2/NDF : 7778.3/17

In: 97.500+/-1.102 χ^2/NDF : 3699.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.904+/-0.722 χ^2/NDF : 7778.3/17

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.737+/-1.156 χ^2/NDF : 18.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.319+/-0.940 χ^2/NDF : 23.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

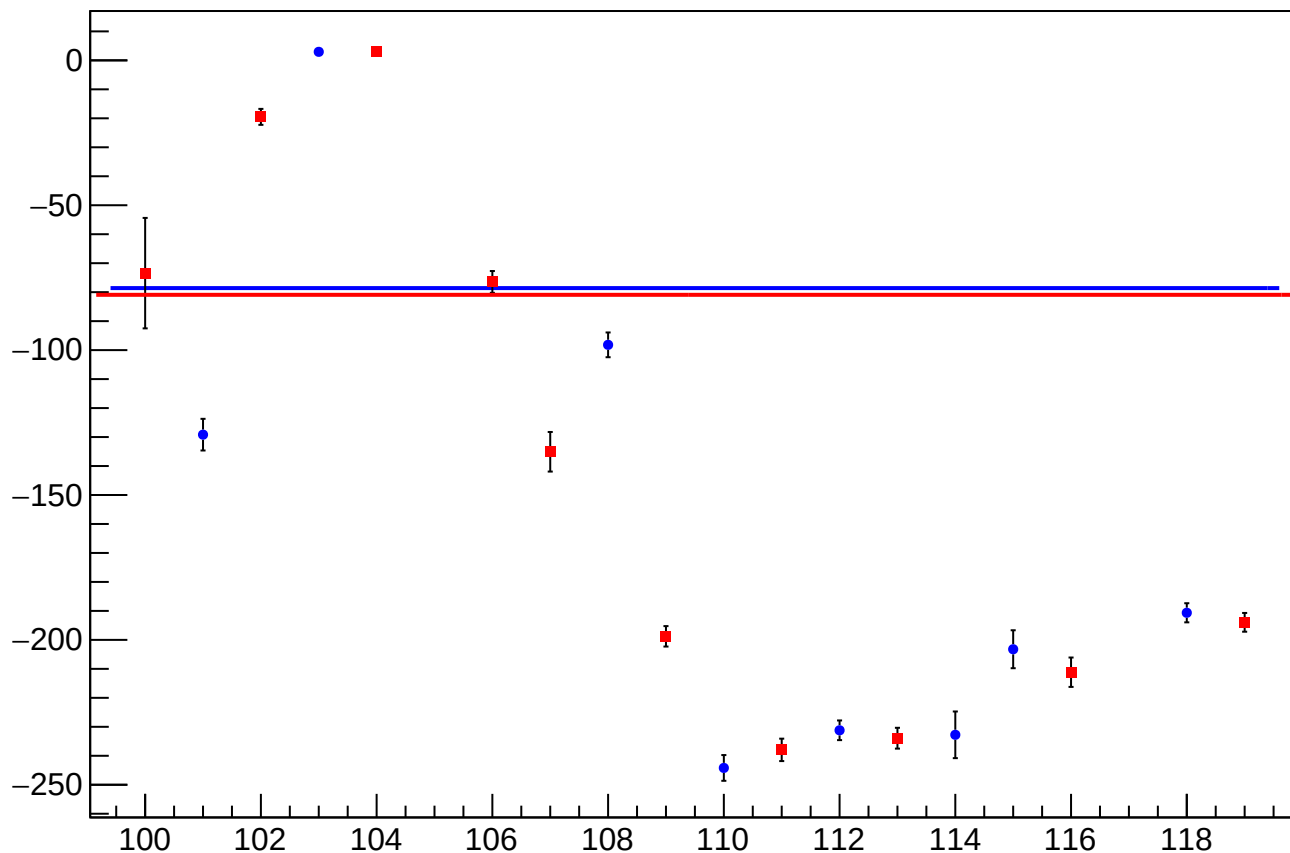
Right: -4.088+/-0.729 χ^2/NDF : 41.6/17

In: -3.737+/-1.156 χ^2/NDF : 18.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.088+/-0.729 χ^2/NDF : 41.6/17

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -78.594+/-1.087 χ^2/NDF : 8662.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -80.915+/-0.968 χ^2/NDF : 10403.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

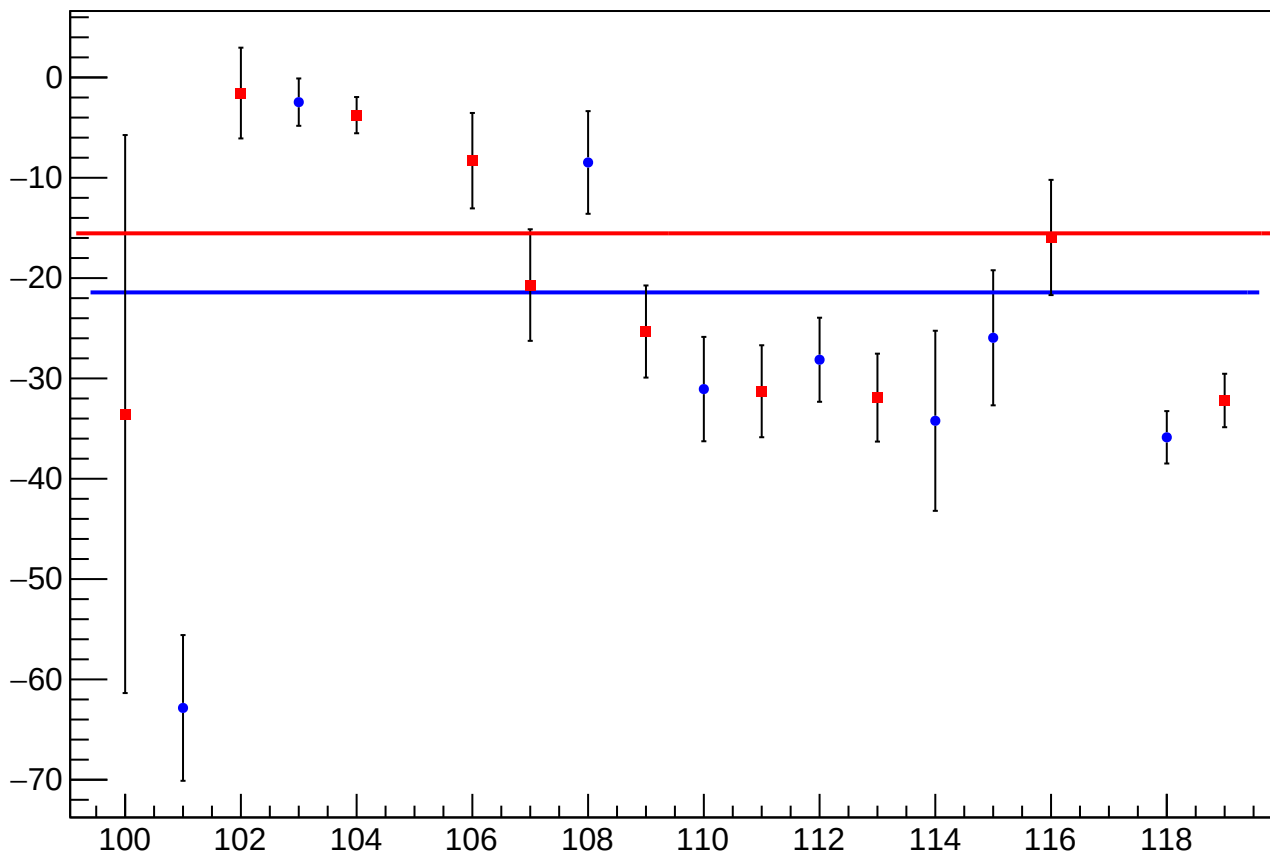
Right: -79.888+/-0.723 χ^2/NDF : 19068.6/17

In: -78.594+/-1.087 χ^2/NDF : 8662.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.888+/-0.723 χ^2/NDF : 19068.6/17

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -21.426 $\pm$ 1.398 χ^2 /NDF: 142.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.538 $\pm$ 1.153 χ^2 /NDF: 125.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

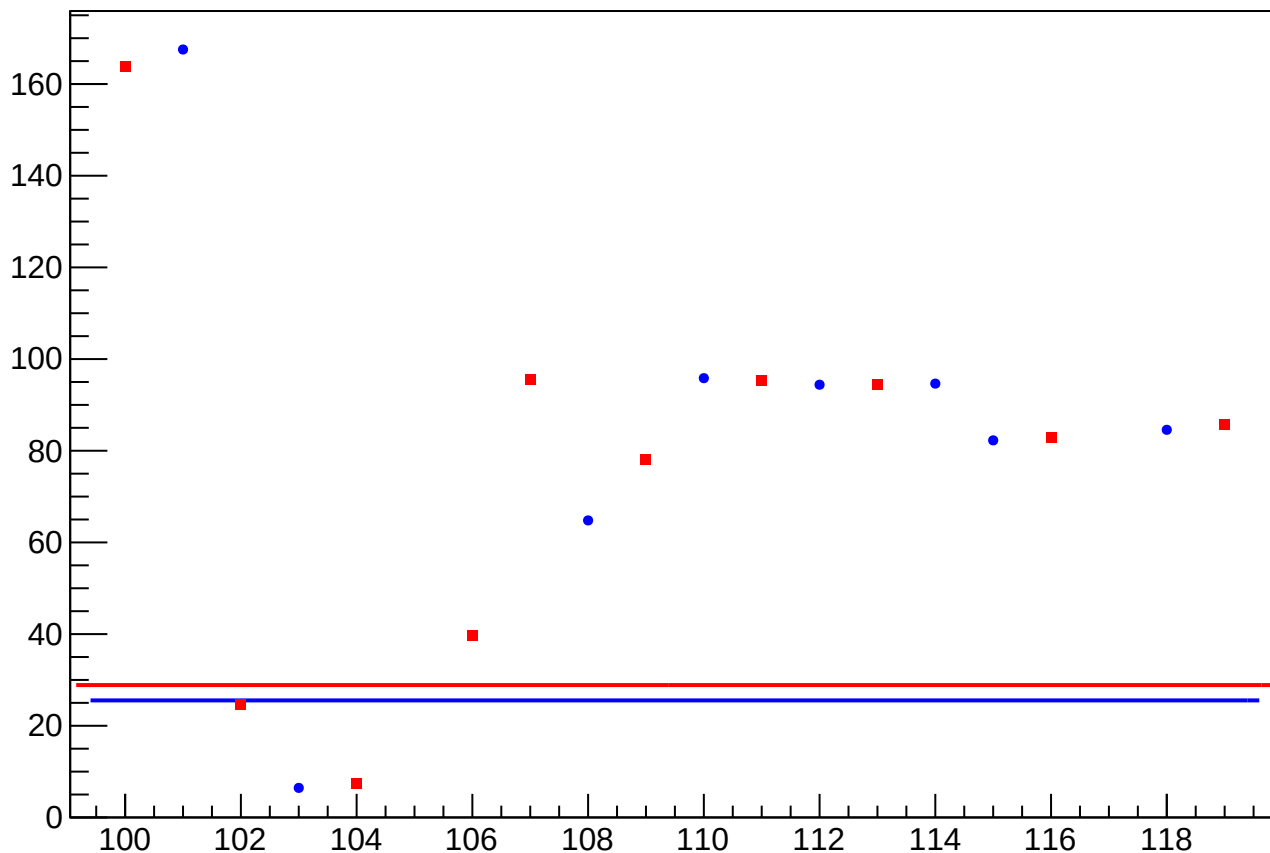
Right: -17.922 $\pm$ 0.890 χ^2 /NDF: 278.3/17

In: -21.426 $\pm$ 1.398 χ^2 /NDF:142.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -17.922 $\pm$ 0.890 χ^2 /NDF: 278.3/17

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 25.535+/-0.052 χ^2/NDF : 526589.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.882+/-0.051 χ^2/NDF : 394642.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

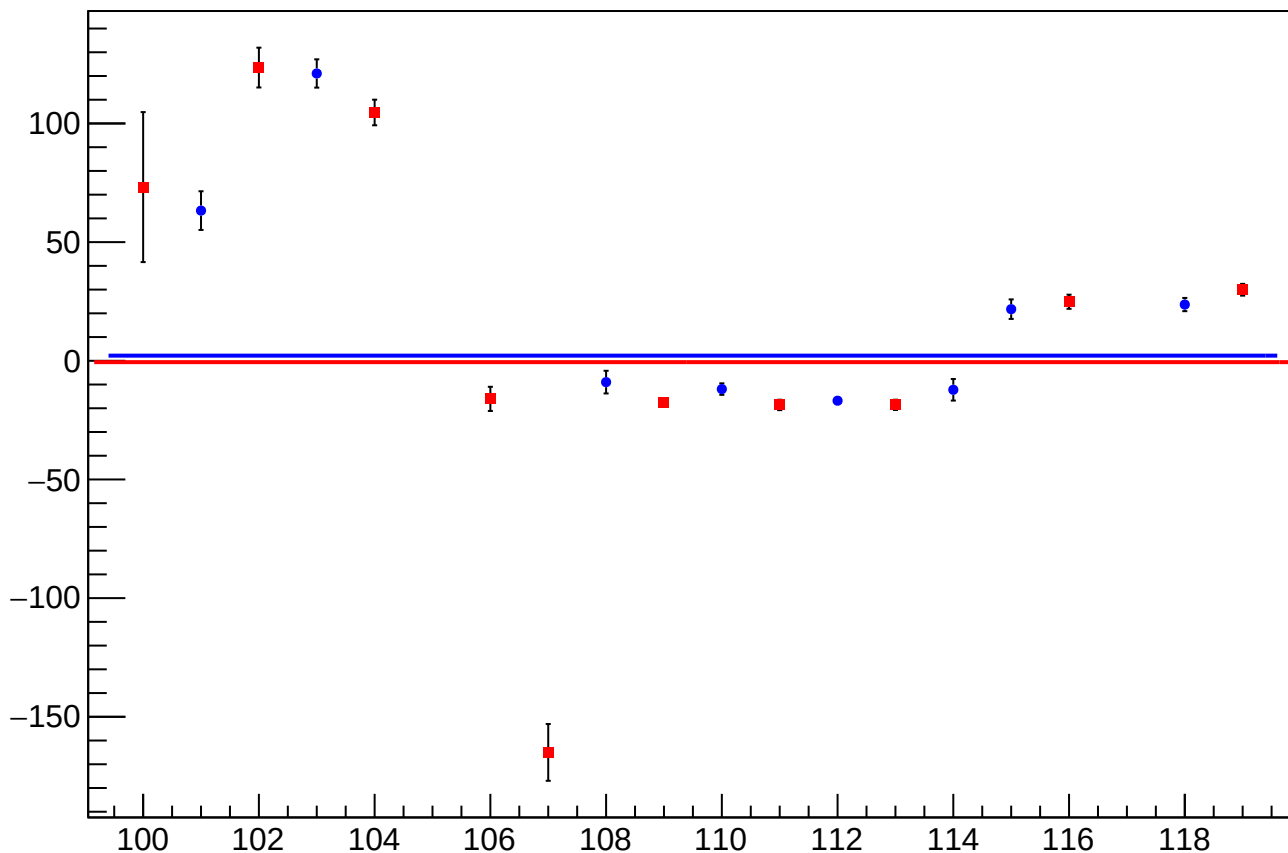
Right: 27.258+/-0.036 χ^2/NDF : 923363.2/17

In: 25.535+/-0.052 χ^2/NDF : 526589.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.258+/-0.036 χ^2/NDF : 923363.2/17

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.173+/-1.166 χ^2/NDF : 672.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.565+/-0.989 χ^2/NDF : 1231.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

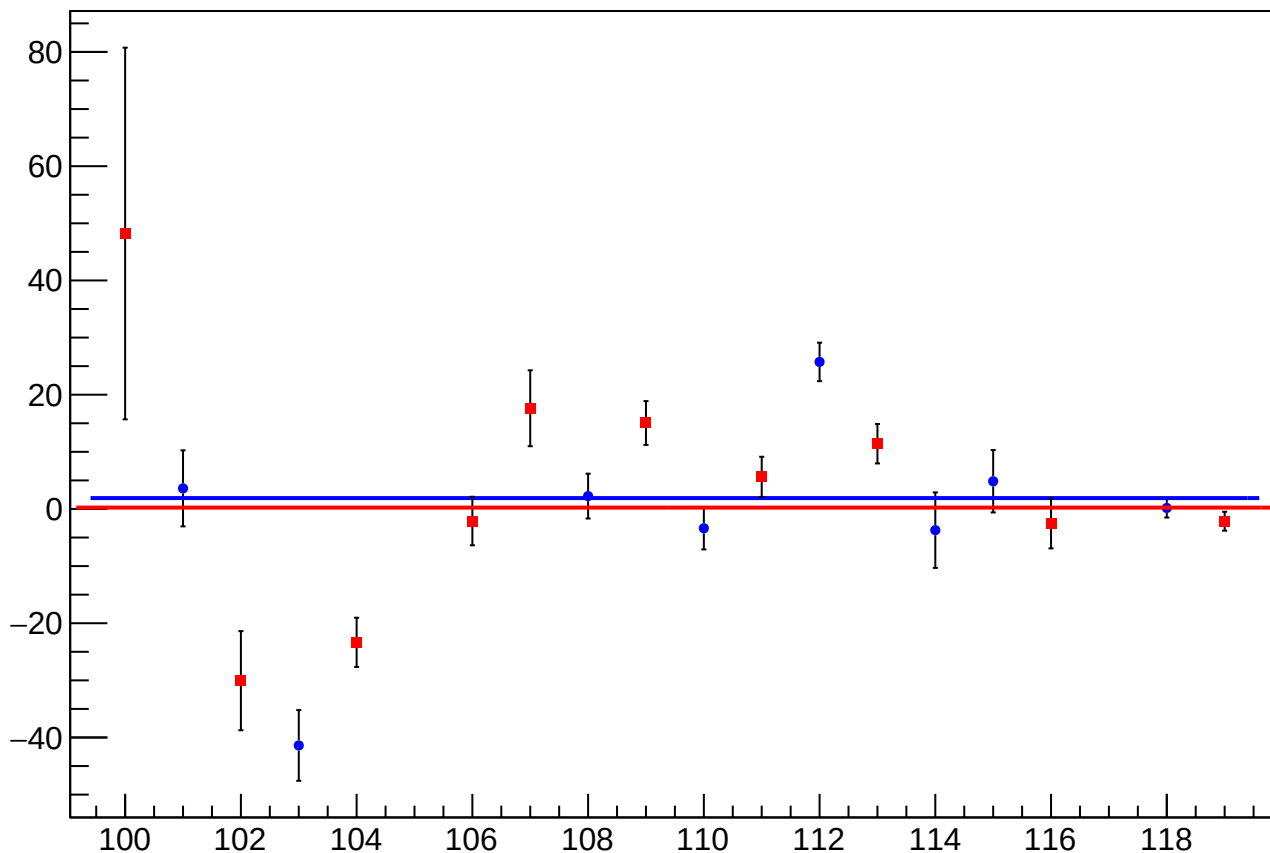
Right: 0.580+/-0.754 χ^2/NDF : 1907.3/17

In: 2.173+/-1.166 χ^2/NDF : 672.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.580+/-0.754 χ^2/NDF : 1907.3/17

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.904+/-1.205 χ^2/NDF : 103.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.241+/-1.120 χ^2/NDF : 81.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

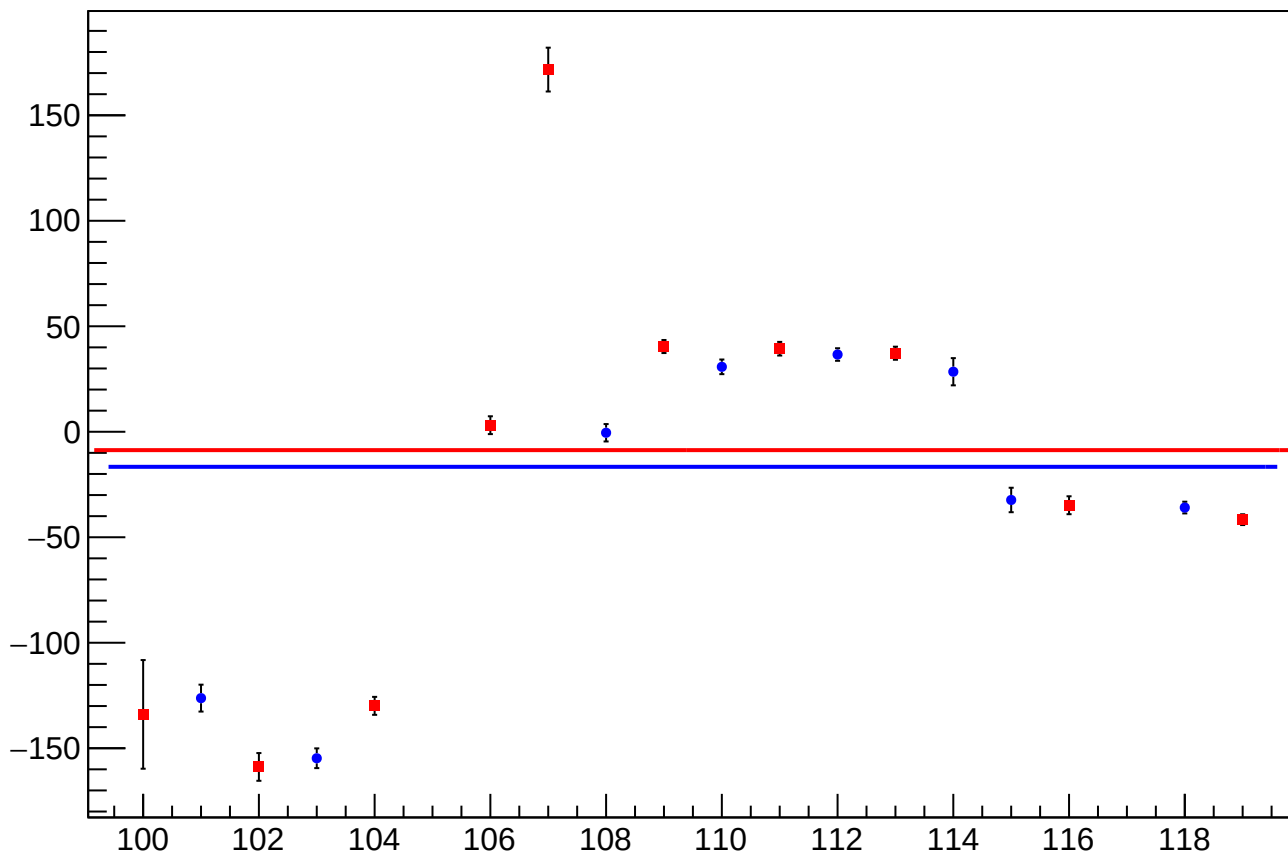
Right: 1.011+/-0.820 χ^2/NDF : 186.0/17

In: 1.904+/-1.205 χ^2/NDF : 103.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.011+/-0.820 χ^2/NDF : 186.0/17

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -16.615 $\pm$ 1.402 χ^2 /NDF: 1793.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.707 $\pm$ 1.233 χ^2 /NDF: 2562.3/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

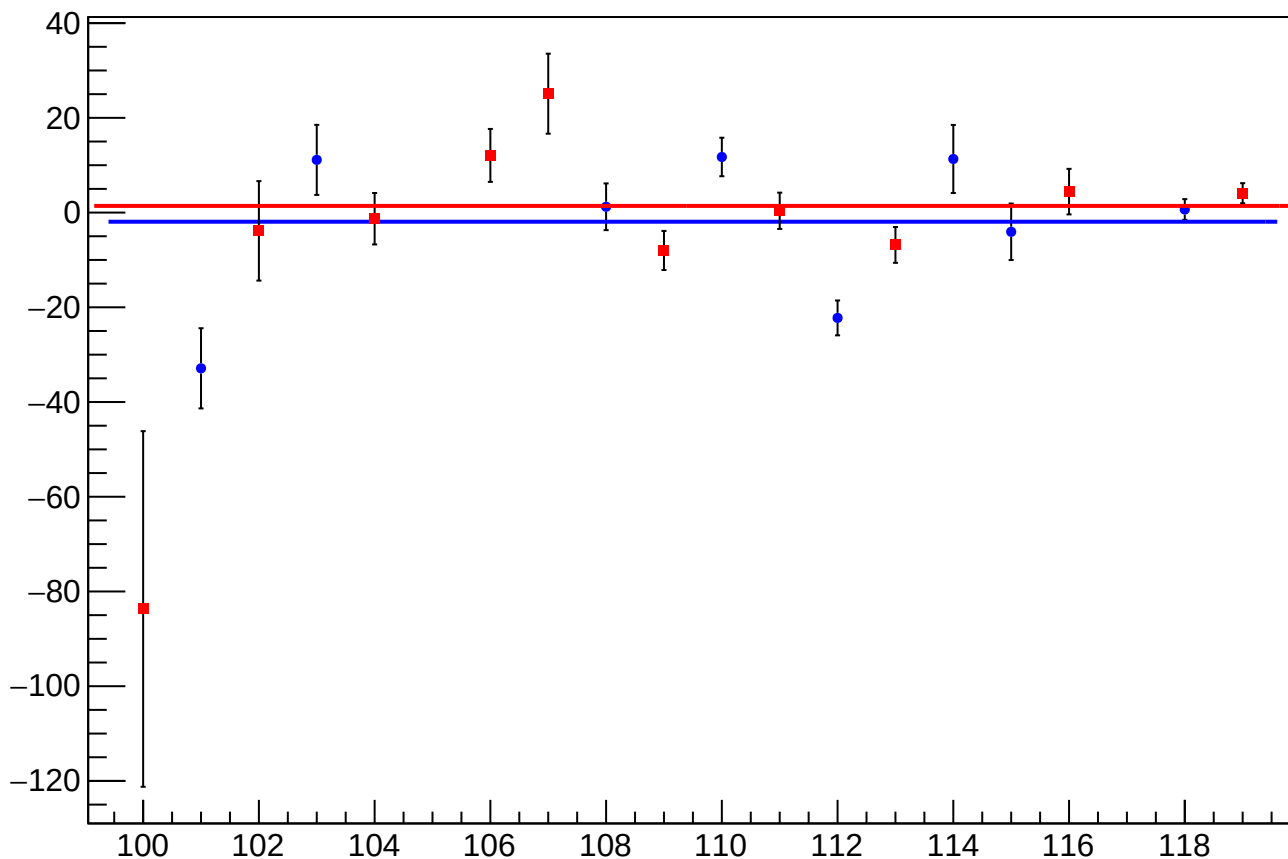
Right: -12.155 $\pm$ 0.926 χ^2 /NDF: 4373.7/17

In: -16.615 $\pm$ 1.402 χ^2 /NDF:1793.5/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.155 $\pm$ 0.926 χ^2 /NDF: 4373.7/17

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.932+/-1.467 χ^2 /NDF: 63.6/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1.408+/-1.345 χ^2 /NDF: 29.2/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

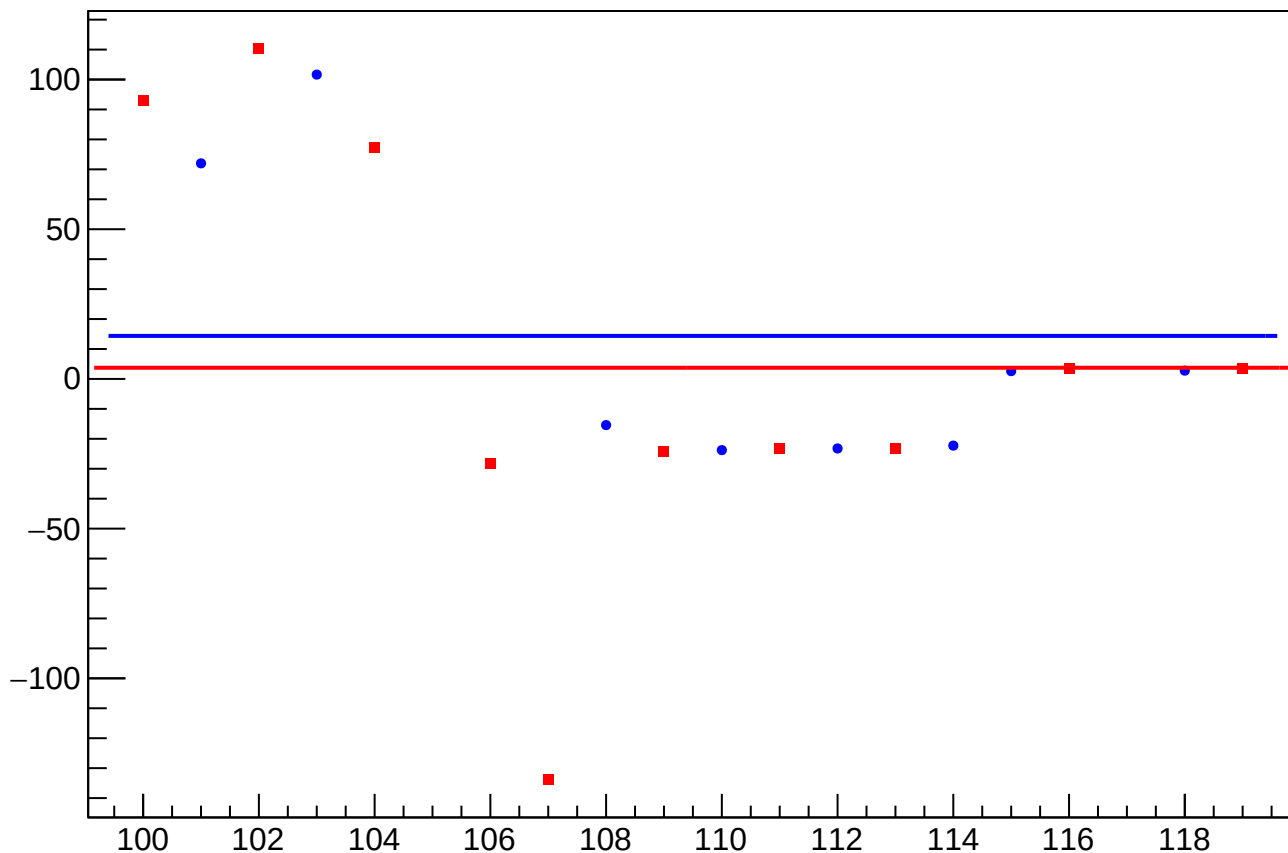
Right: -0.118+/-0.992 χ^2 /NDF: 95.6/17

In: -1.932+/-1.467 χ^2 /NDF:63.6/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.118+/-0.992 χ^2 /NDF: 95.6/17

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 14.371+/-0.088 χ^2/NDF : 305274.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.738+/-0.080 χ^2/NDF : 446098.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

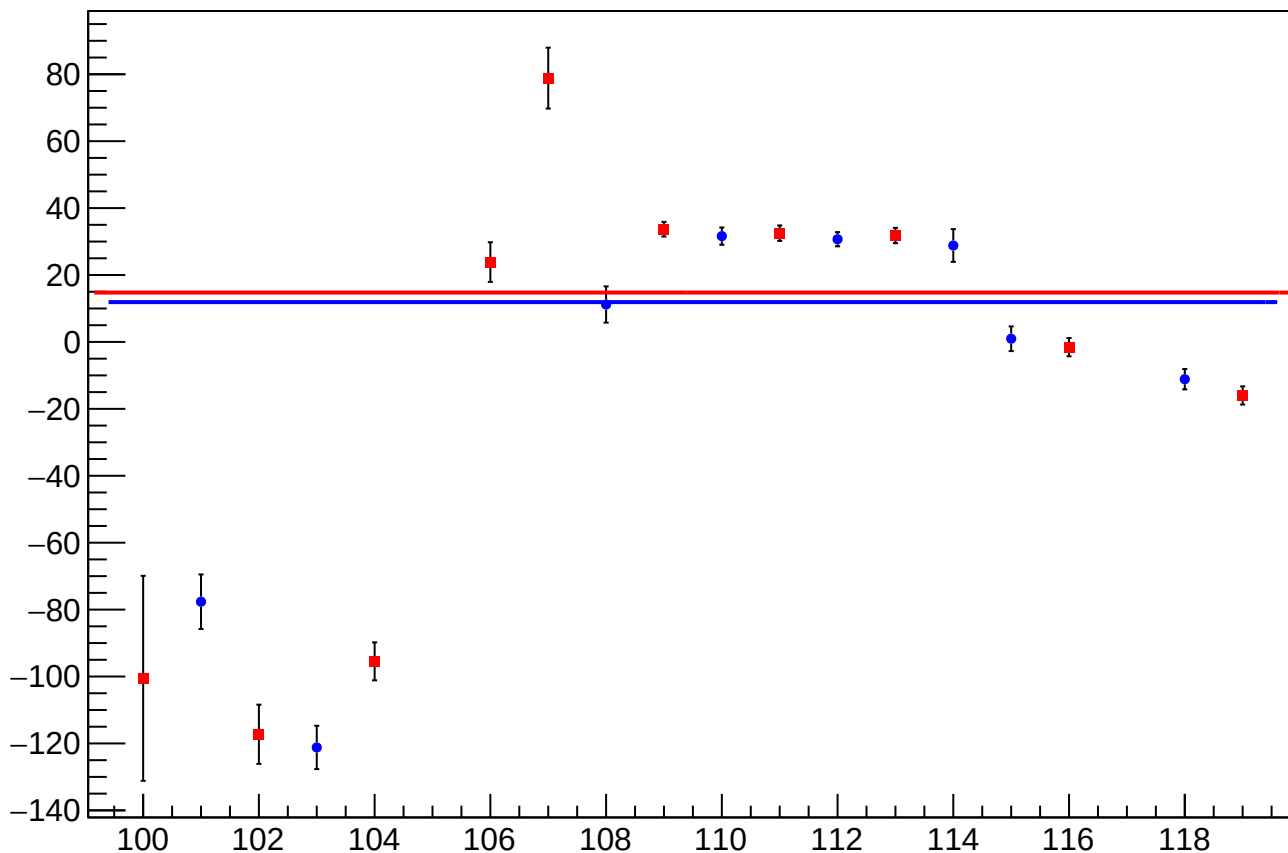
Right: 8.559+/-0.059 χ^2/NDF : 759381.1/17

In: 14.371+/-0.088 χ^2/NDF : 305274.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.559+/-0.059 χ^2/NDF : 759381.1/17

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 11.903+/-1.222 χ^2/NDF : 758.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.752+/-1.030 χ^2/NDF : 1019.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

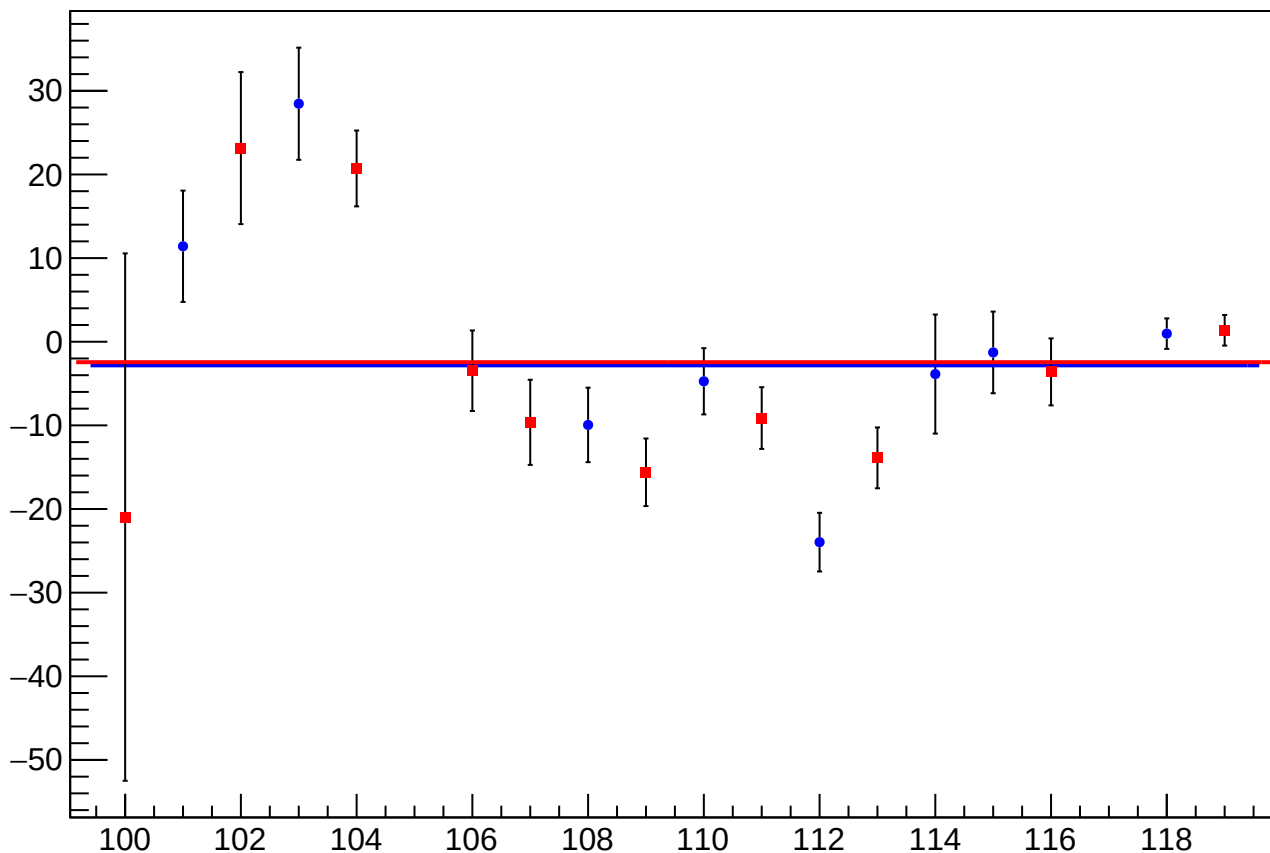
Right: 13.570+/-0.787 χ^2/NDF : 1781.7/17

In: 11.903+/-1.222 χ^2/NDF : 758.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.570+/-0.787 χ^2/NDF : 1781.7/17

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.821+/-1.288 χ^2/NDF : 69.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.445+/-1.183 χ^2/NDF : 64.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

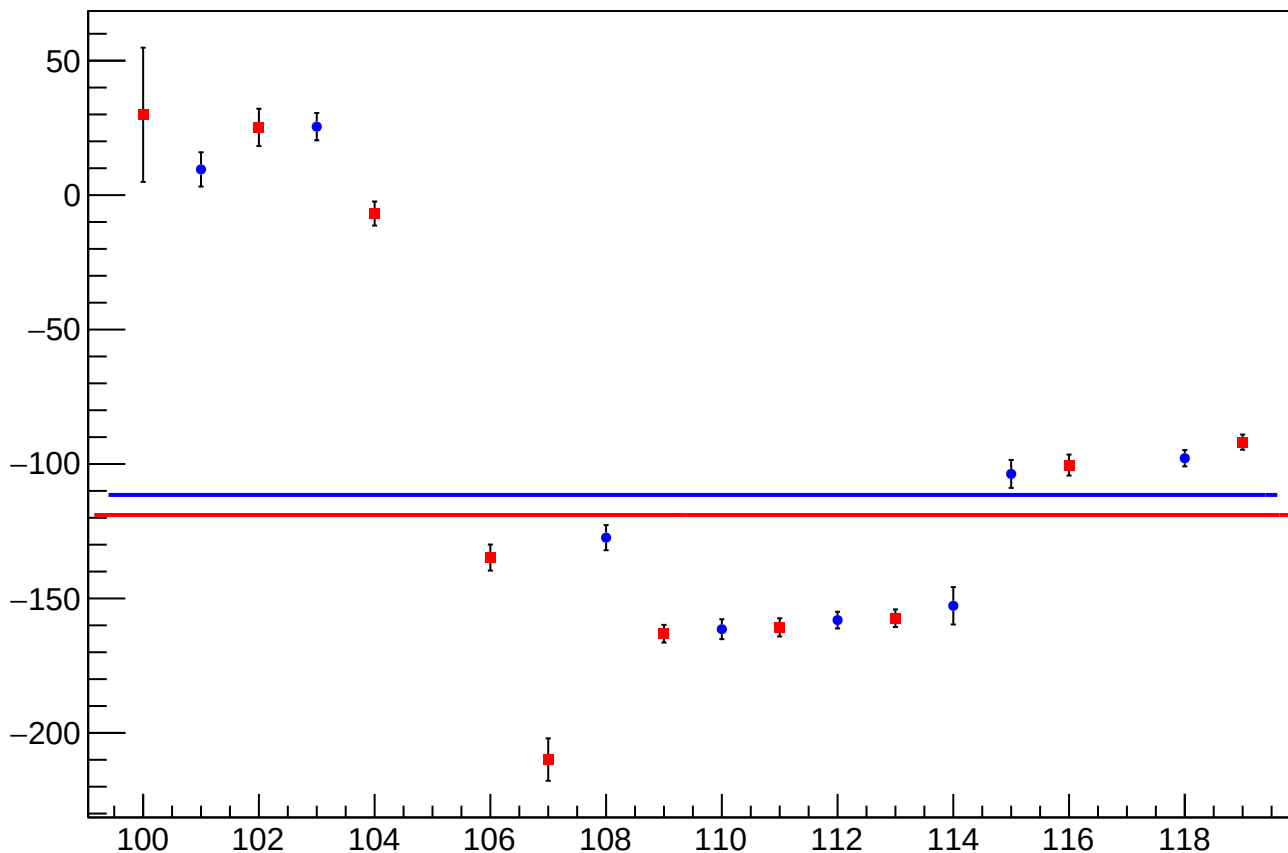
Right: -2.617+/-0.871 χ^2/NDF : 134.6/17

In: -2.821+/-1.288 χ^2/NDF : 69.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.617+/-0.871 χ^2/NDF : 134.6/17

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -111.496+/-1.485 χ^2/NDF : 1564.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -118.956+/-1.295 χ^2/NDF : 1824.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

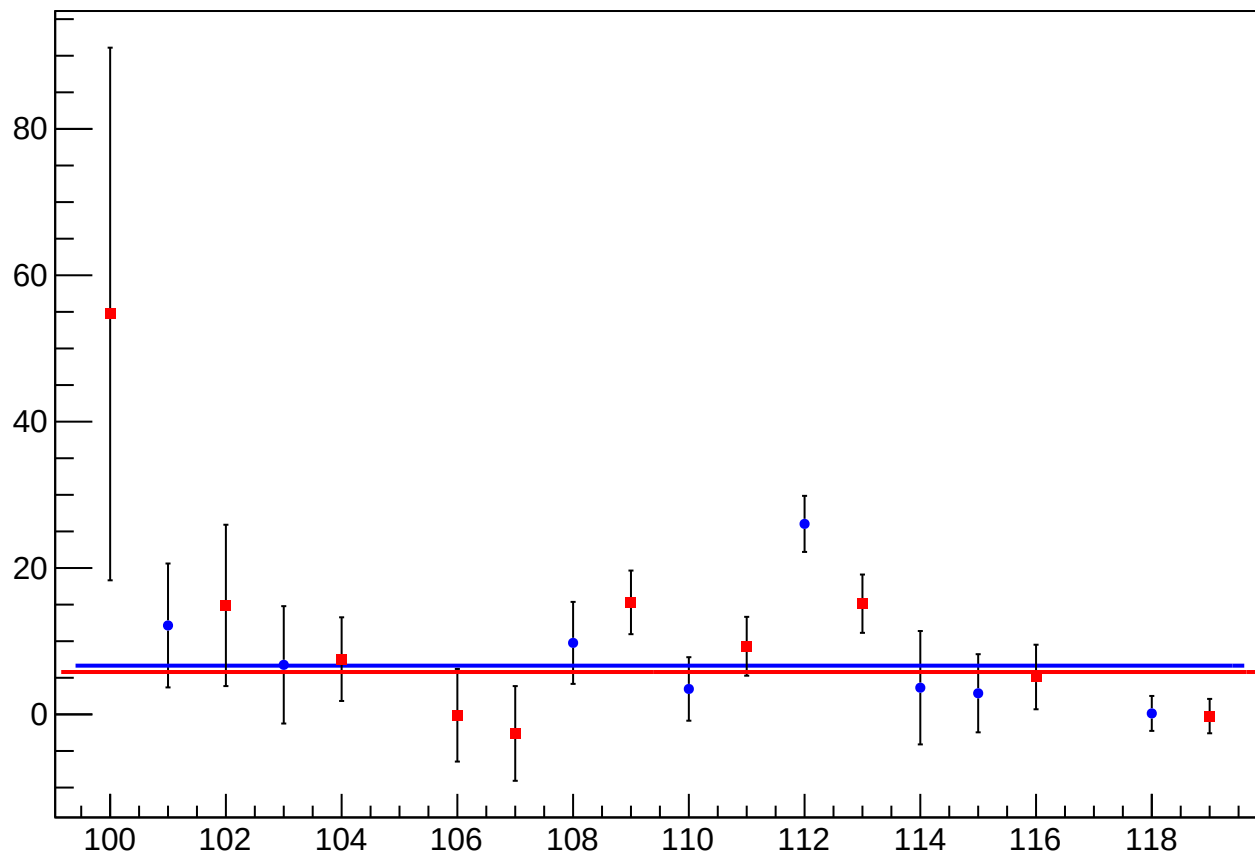
Right: -115.733+/-0.976 χ^2/NDF : 3403.1/17

In: -111.496+/-1.485 χ^2/NDF :1564.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -115.733+/-0.976 χ^2/NDF : 3403.1/17

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.658+/-1.562 χ^2/NDF : 35.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.790+/-1.416 χ^2/NDF : 22.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

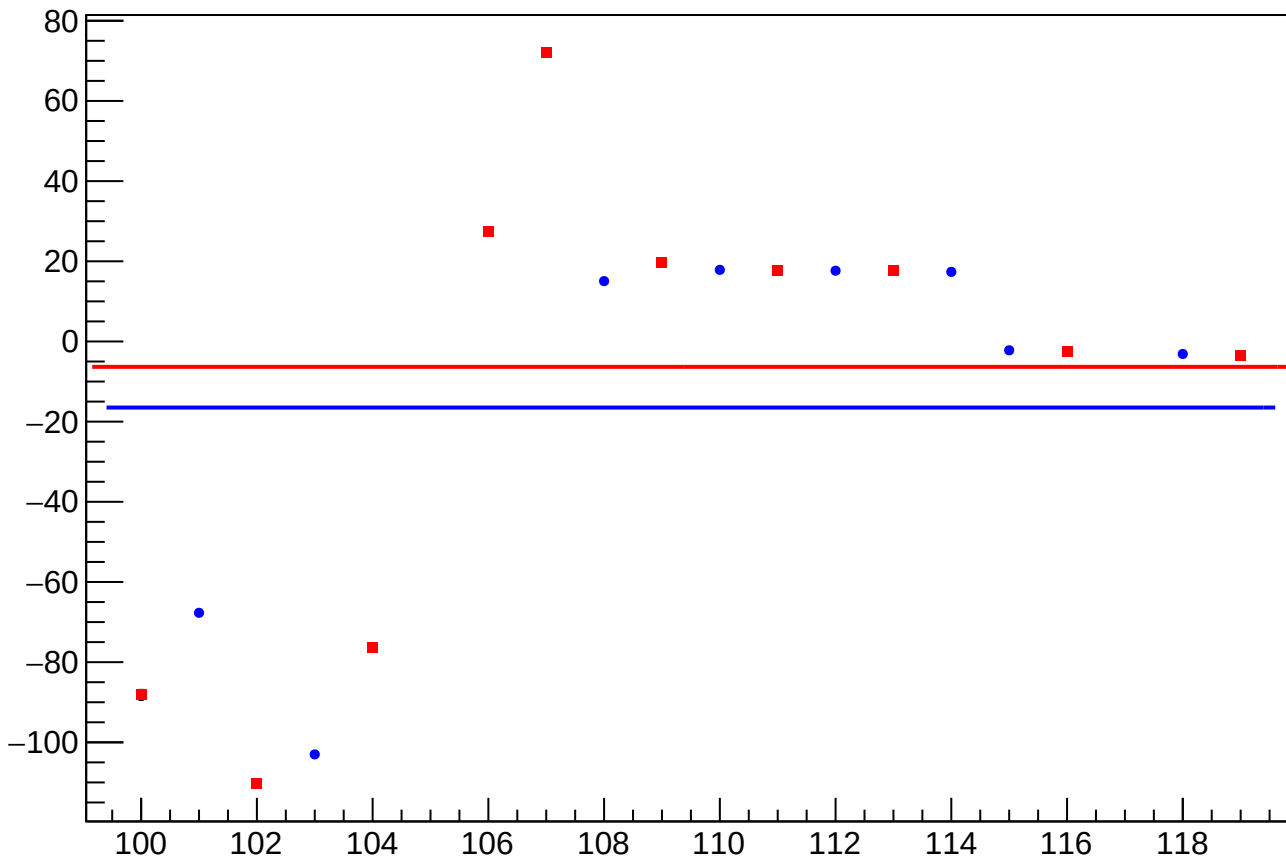
Right: 6.182+/-1.049 χ^2/NDF : 57.9/17

In: 6.658+/-1.562 χ^2/NDF : 35.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.182+/-1.049 χ^2/NDF : 57.9/17

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.483+/-0.095 χ^2/NDF : 251113.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.331+/-0.084 χ^2/NDF : 338748.9/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

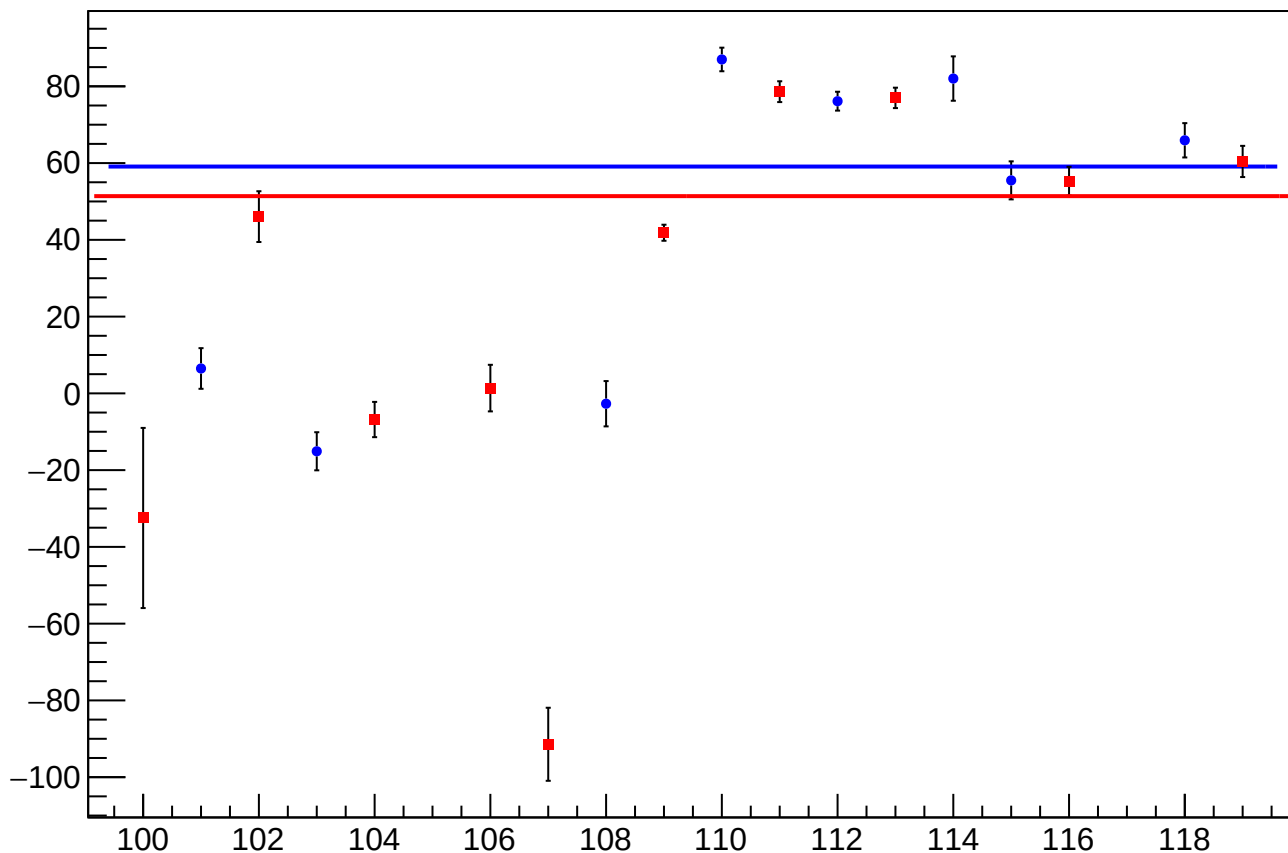
Right: -10.828+/-0.063 χ^2/NDF : 596289.8/17

In: -16.483+/-0.095 χ^2/NDF :251113.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -10.828+/-0.063 χ^2/NDF : 596289.8/17

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 59.095+/-1.418 χ^2/NDF : 580.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.387+/-1.156 χ^2/NDF : 687.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

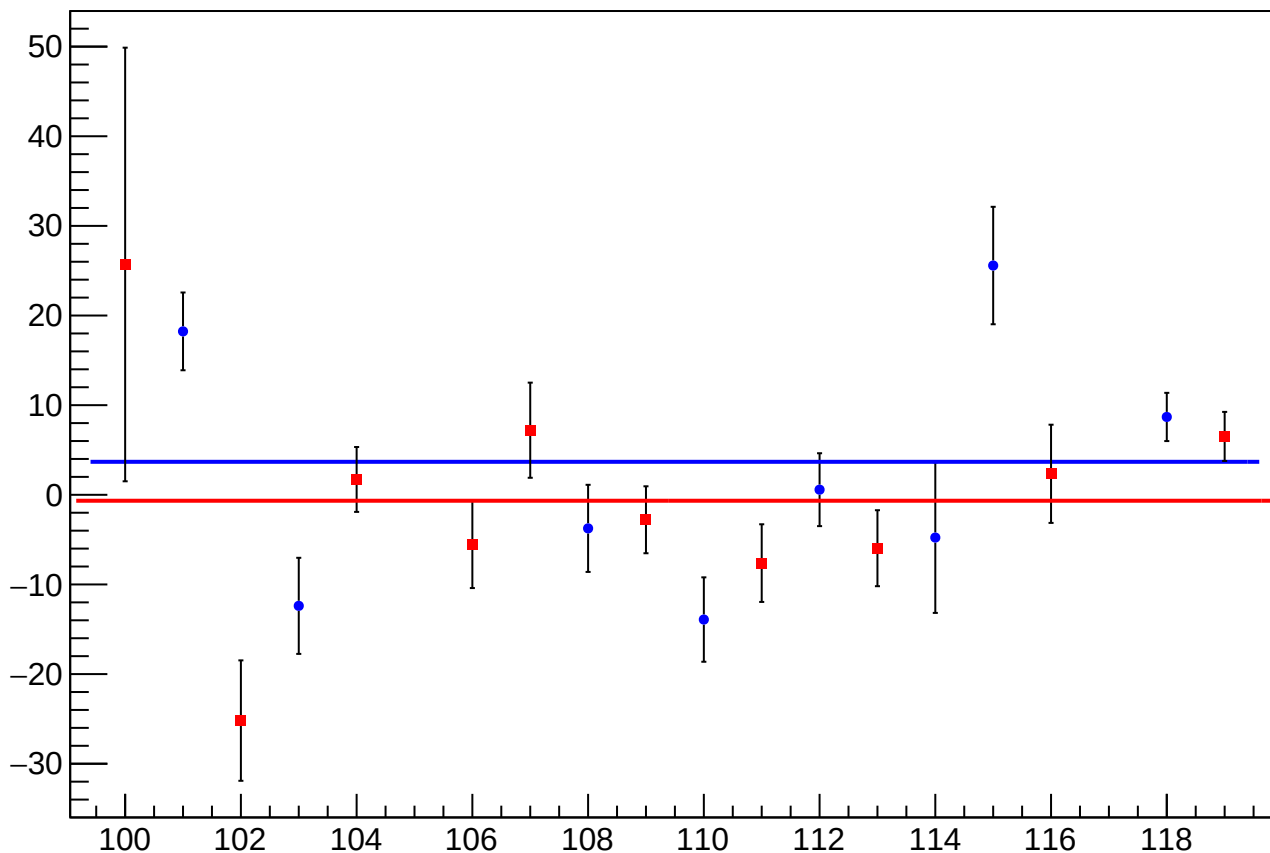
Right: 54.464+/-0.896 χ^2/NDF : 1285.7/17

In: 59.095+/-1.418 χ^2/NDF : 580.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.464+/-0.896 χ^2/NDF : 1285.7/17

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.681+/-1.559 χ^2/NDF : 52.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.661+/-1.380 χ^2/NDF : 29.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

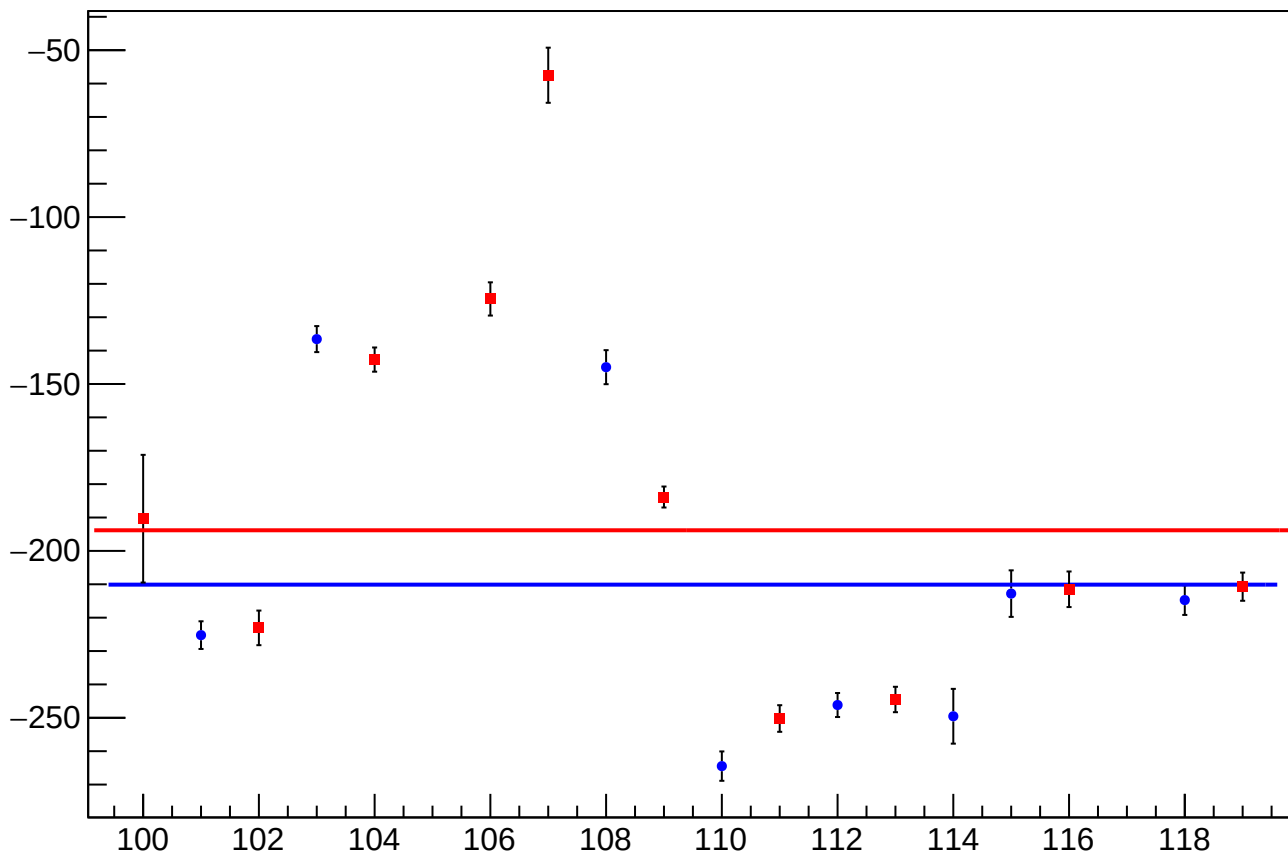
Right: 1.248+/-1.033 χ^2/NDF : 86.9/17

In: 3.681+/-1.559 χ^2/NDF : 52.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.248+/-1.033 χ^2/NDF : 86.9/17

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -210.108 ± 1.628 χ^2/NDF : 810.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -193.822 ± 1.421 χ^2/NDF : 1111.6/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

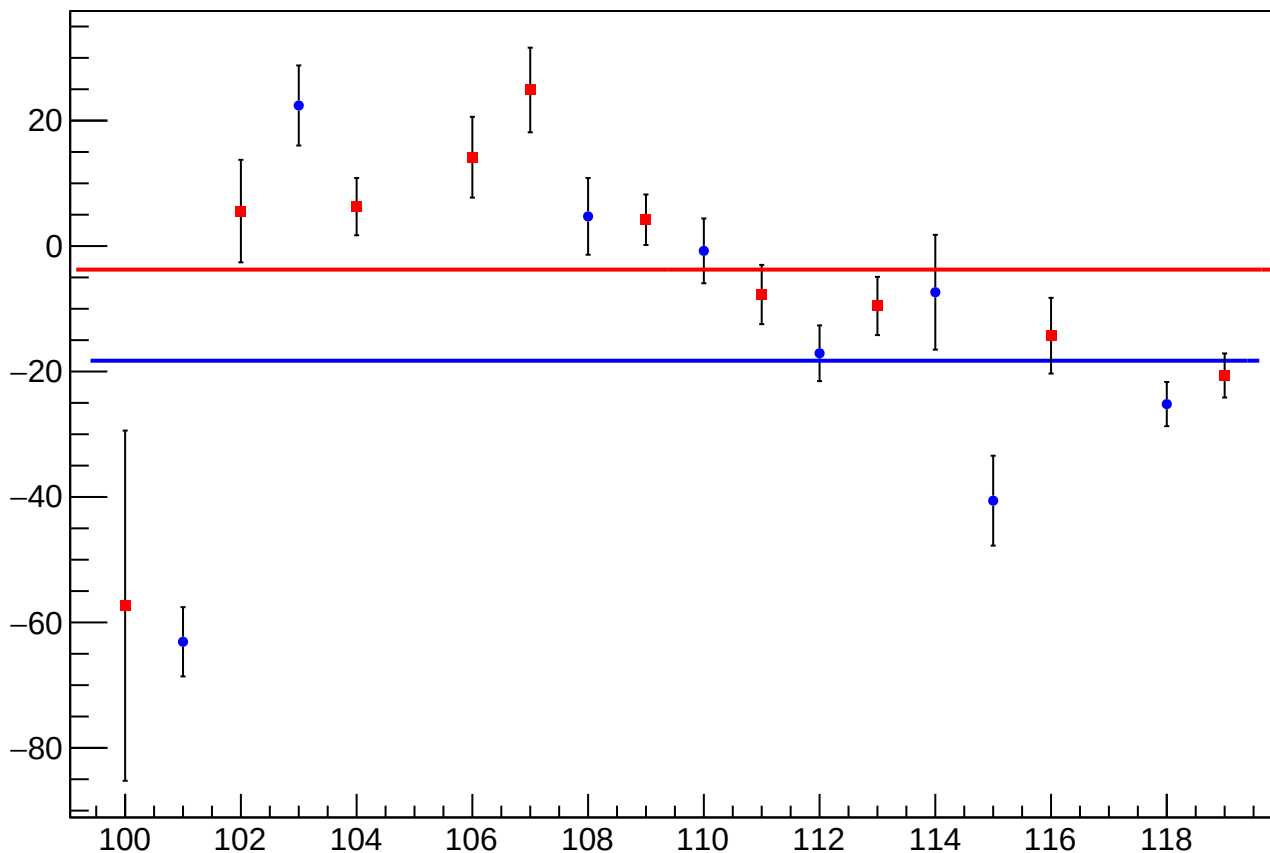
Right: -200.862 ± 1.070 χ^2/NDF : 1978.7/17

In: -210.108 ± 1.628 χ^2/NDF : 810.3/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -200.862 ± 1.070 χ^2/NDF : 1978.7/17

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.276 $\pm$ 1.875 χ^2 /NDF: 147.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.752 $\pm$ 1.640 χ^2 /NDF: 67.9/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

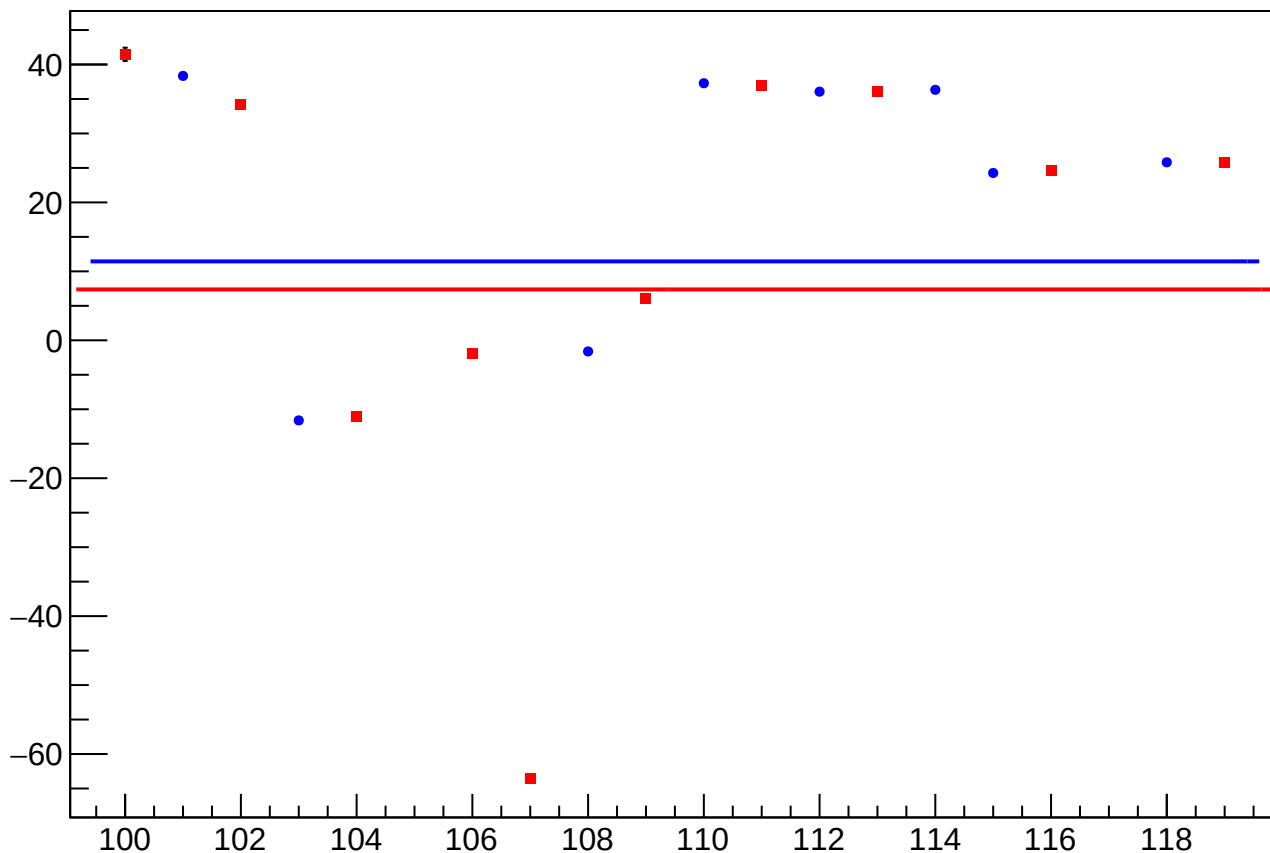
Right: -10.047 $\pm$ 1.234 χ^2 /NDF: 249.0/17

In: -18.276 $\pm$ 1.875 χ^2 /NDF: 147.1/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.047 $\pm$ 1.234 χ^2 /NDF: 249.0/17

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.444+/-0.095 χ^2/NDF : 52344.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.380+/-0.085 χ^2/NDF : 96491.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

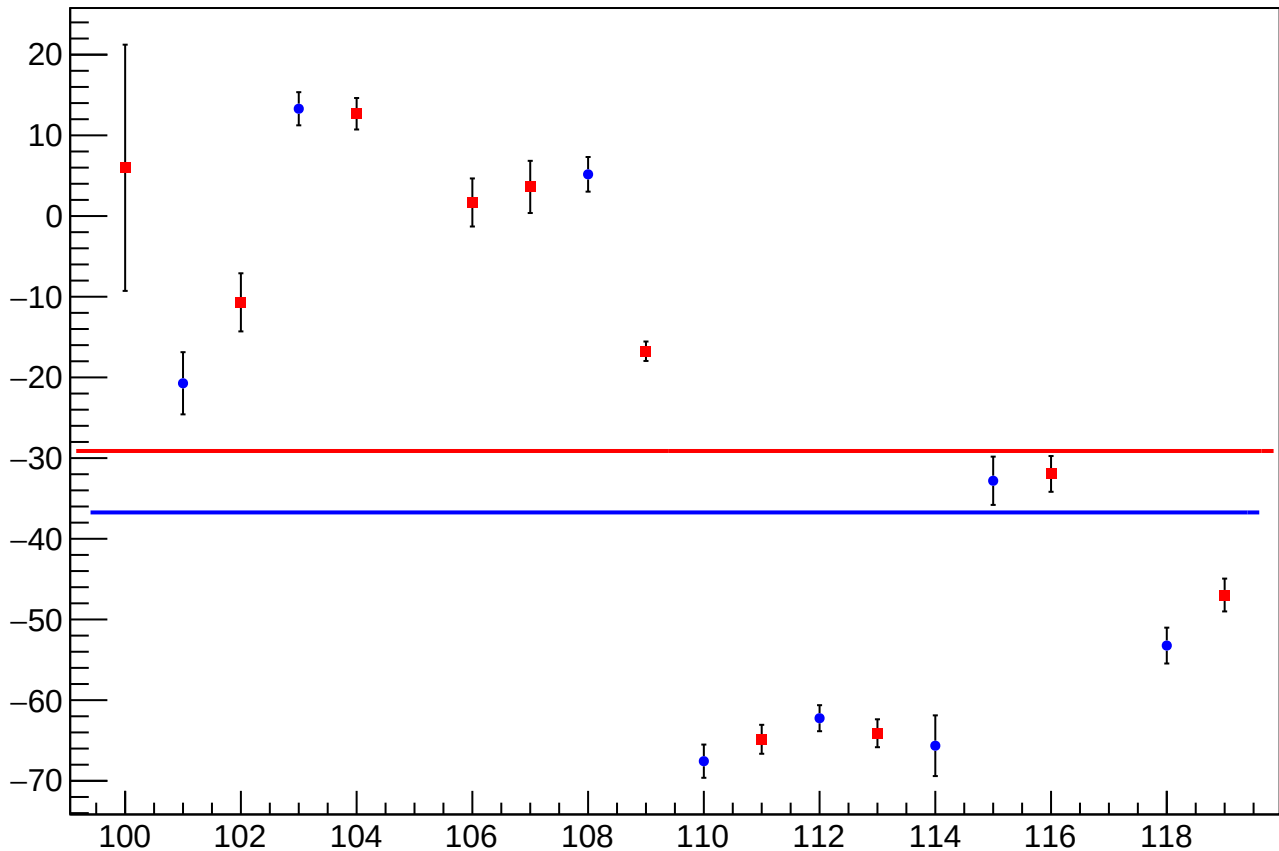
Right: 9.183+/-0.063 χ^2/NDF : 149862.1/17

In: 11.444+/-0.095 χ^2/NDF : 52344.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.183+/-0.063 χ^2/NDF : 149862.1/17

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -36.735 $\pm$ 0.809 χ^2 /NDF: 1580.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.119 $\pm$ 0.655 χ^2 /NDF: 1689.7/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

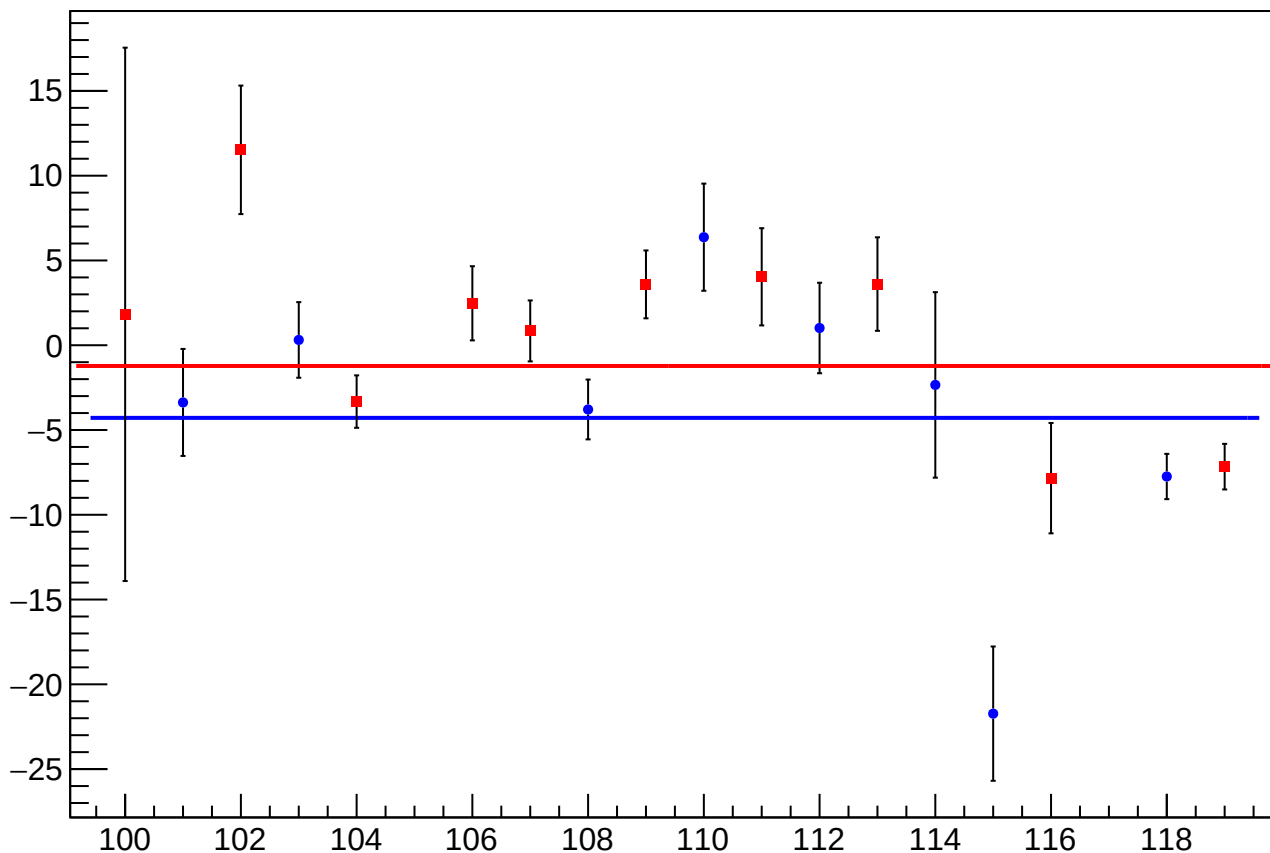
Right: -32.132 $\pm$ 0.509 χ^2 /NDF: 3324.1/17

In: -36.735 $\pm$ 0.809 χ^2 /NDF:1580.9/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -32.132 $\pm$ 0.509 χ^2 /NDF: 3324.1/17

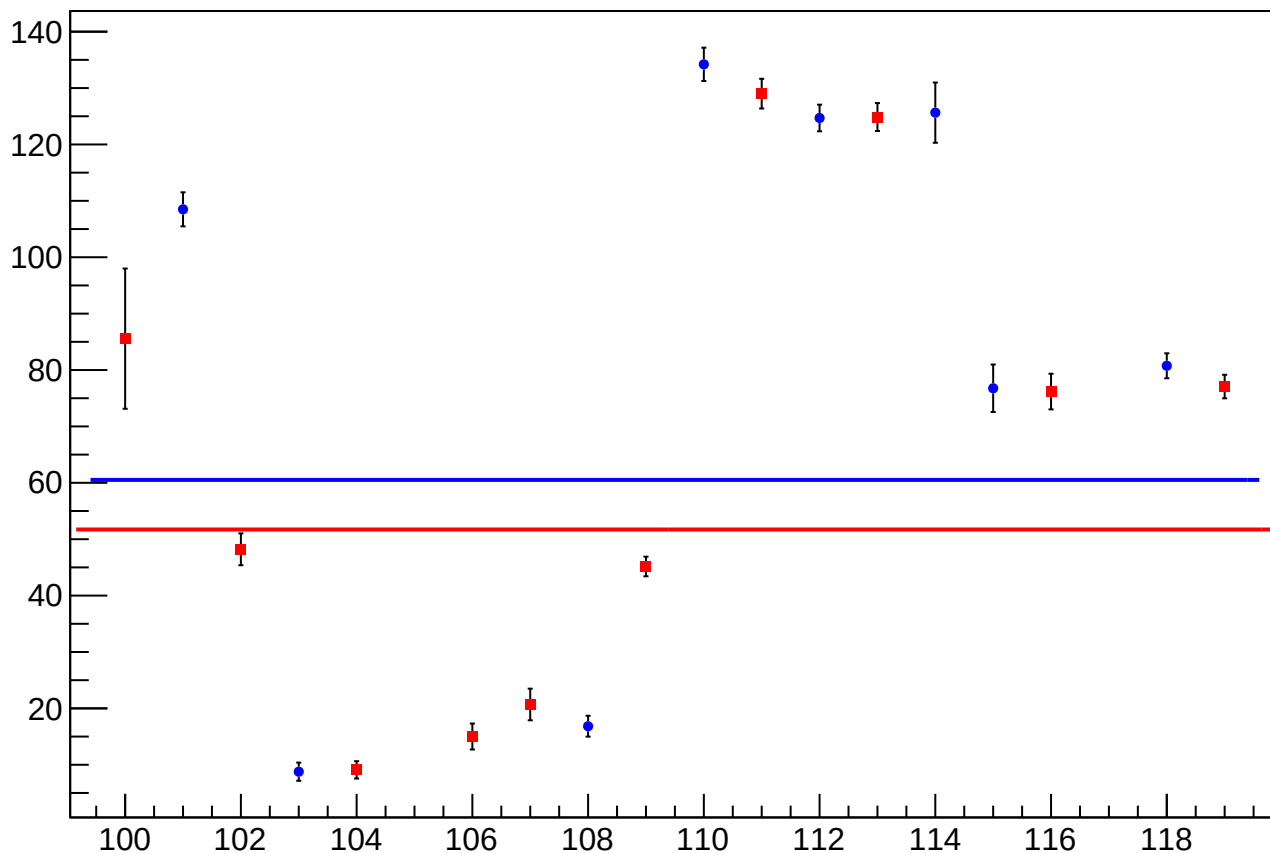
reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.284 $\pm$ 0.811 χ^2 /NDF: 46.0/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -1.223 $\pm$ 0.680 χ^2 /NDF: 53.2/9
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -2.488 $\pm$ 0.521 χ^2 /NDF: 107.6/17
 In: -4.284 $\pm$ 0.811 χ^2 /NDF:46.0/7
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.488 $\pm$ 0.521 χ^2 /NDF: 107.6/17

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 60.515+/-0.853 χ^2/NDF : 3445.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.722+/-0.738 χ^2/NDF : 3106.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

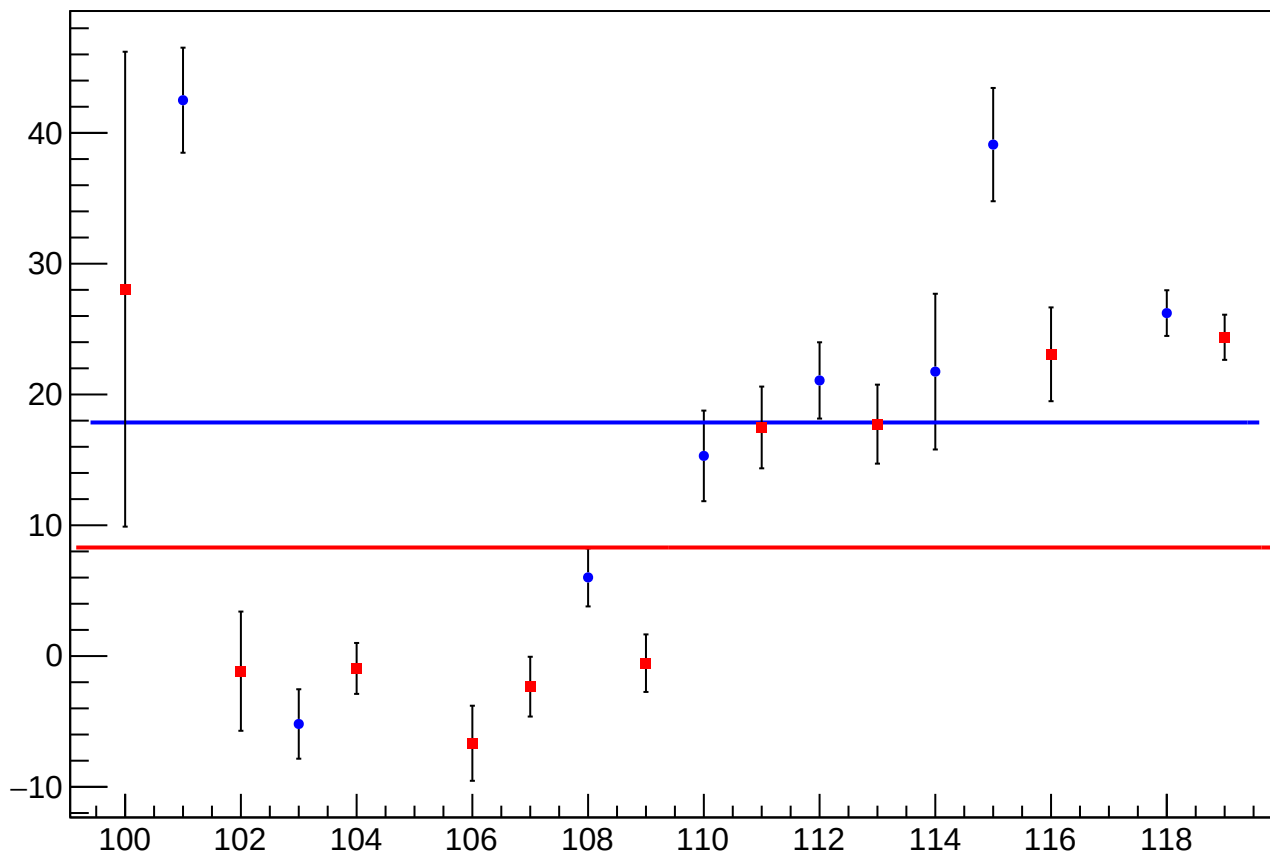
Right: 55.485+/-0.558 χ^2/NDF : 6612.4/17

In: 60.515+/-0.853 χ^2/NDF : 3445.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.485+/-0.558 χ^2/NDF : 6612.4/17

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 17.860 $\pm$ 0.991 χ^2 /NDF: 190.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.301 $\pm$ 0.828 χ^2 /NDF: 215.1/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

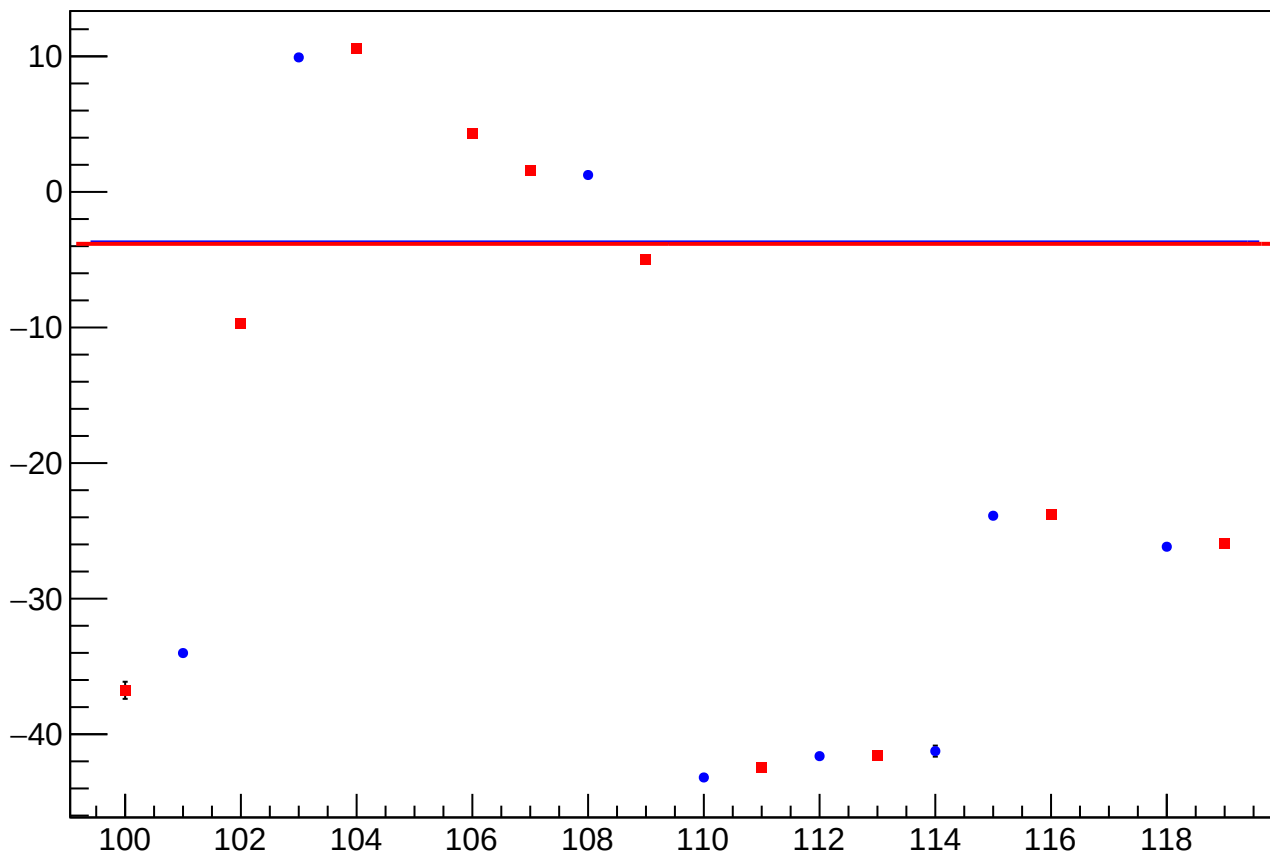
Right: 12.227 $\pm$ 0.635 χ^2 /NDF: 460.6/17

In: 17.860 $\pm$ 0.991 χ^2 /NDF: 190.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.227 $\pm$ 0.635 χ^2 /NDF: 460.6/17

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -3.725+/-0.044 χ^2/NDF : 171148.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.829+/-0.041 χ^2/NDF : 149874.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

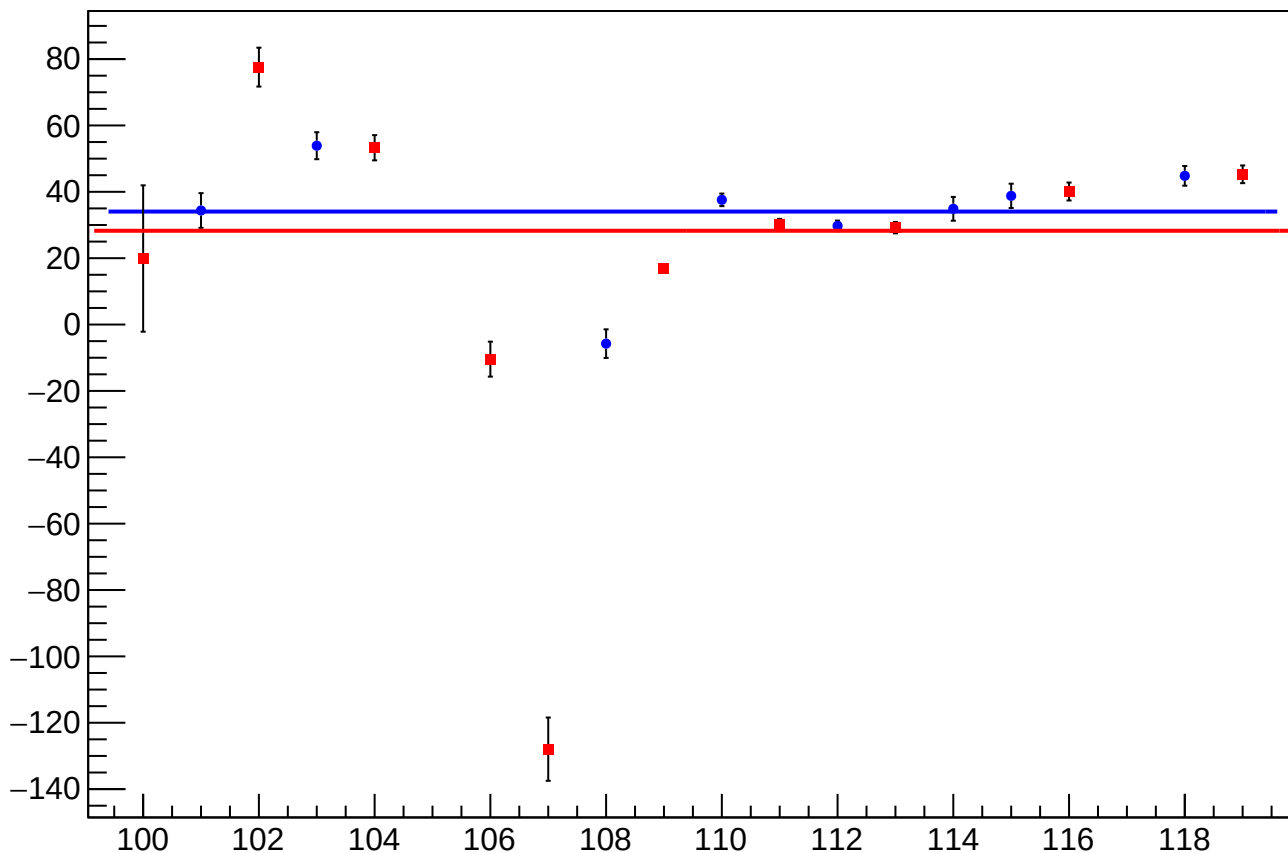
Right: -3.780+/-0.030 χ^2/NDF : 321025.5/17

In: -3.725+/-0.044 χ^2/NDF :171148.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.780+/-0.030 χ^2/NDF : 321025.5/17

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 34.048+/-0.958 χ^2/NDF : 134.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.260+/-0.804 χ^2/NDF : 554.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

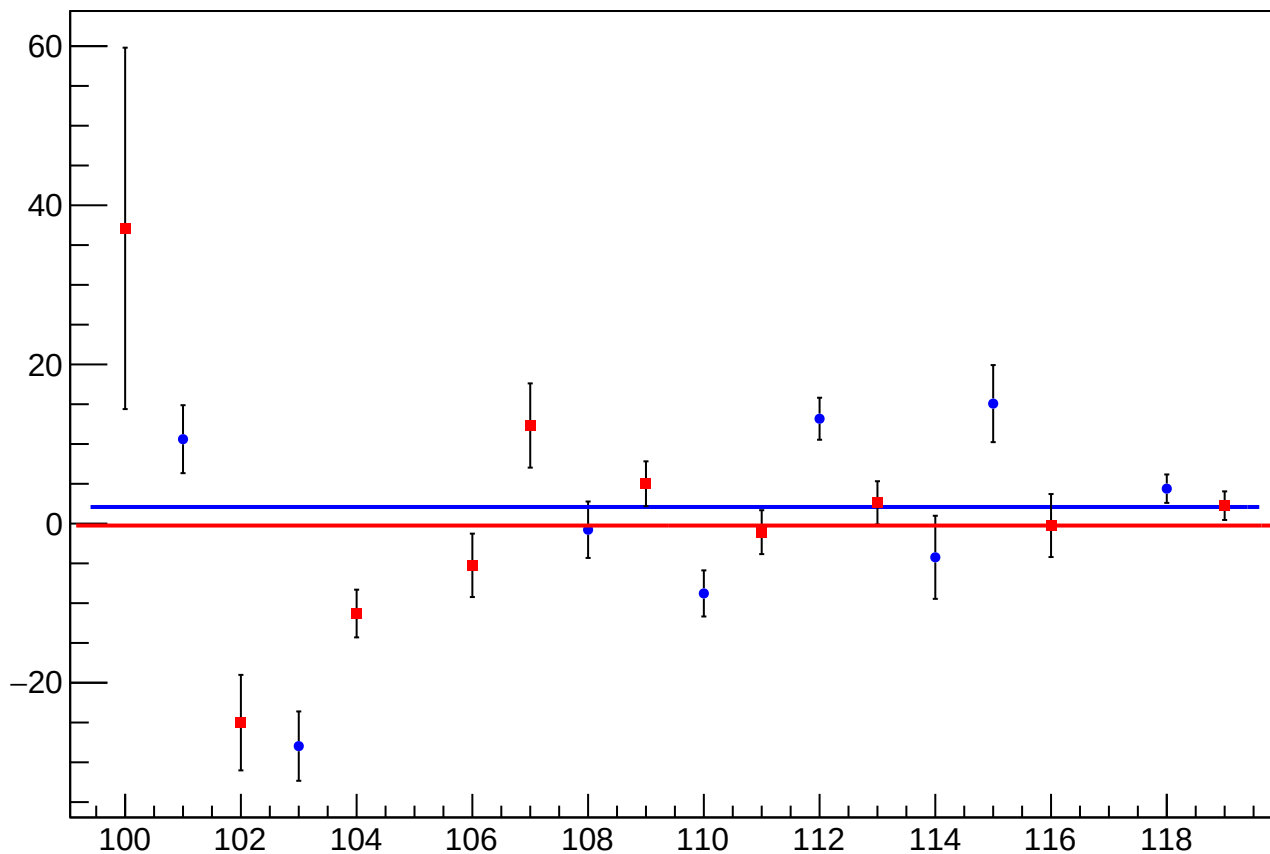
Right: 30.651+/-0.616 χ^2/NDF : 710.4/17

In: 34.048+/-0.958 χ^2/NDF : 134.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.651+/-0.616 χ^2/NDF : 710.4/17

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.086+/-1.089 χ^2/NDF : 94.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.997 χ^2/NDF : 47.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

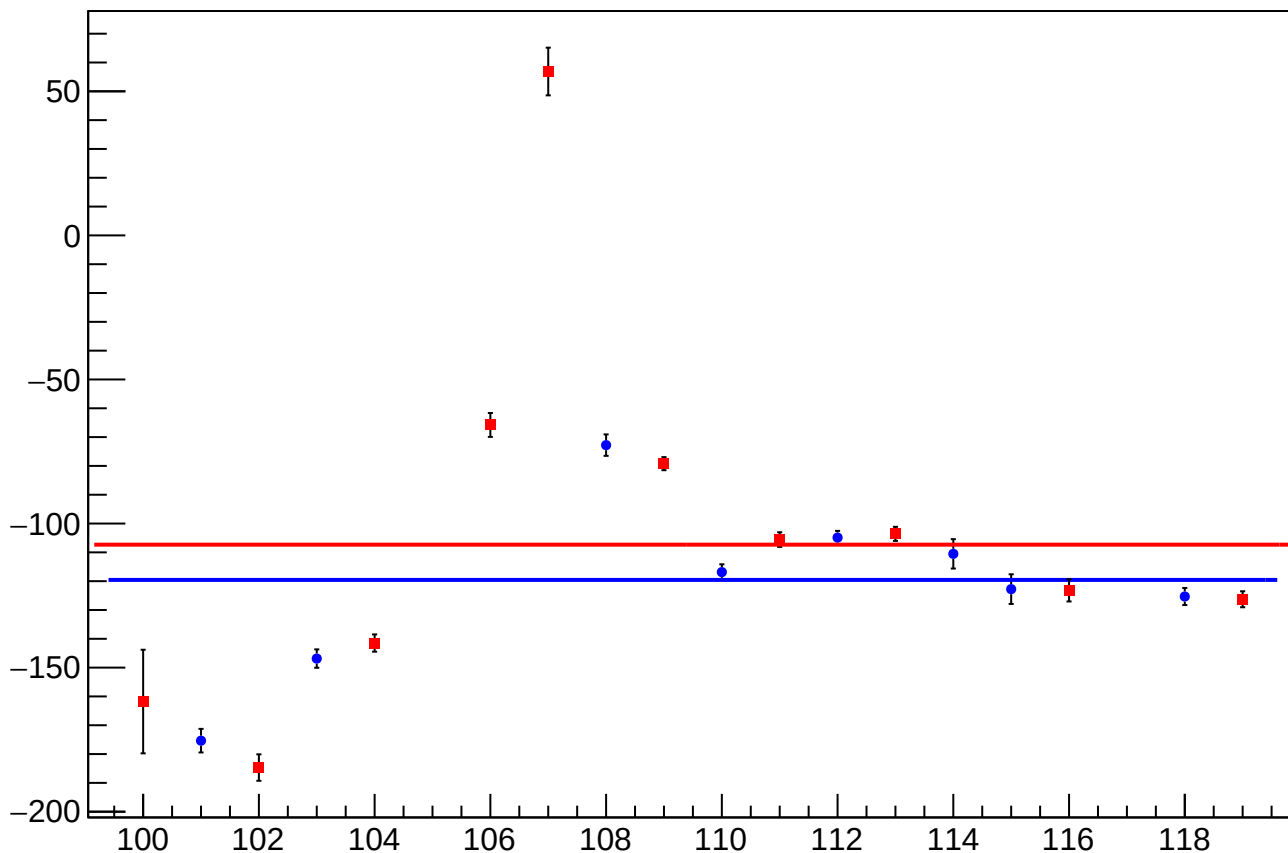
Right: 0.817+/-0.736 χ^2/NDF : 143.8/17

In: 2.086+/-1.089 χ^2/NDF : 94.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.817+/-0.736 χ^2/NDF : 143.8/17

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -119.562 ± 1.162 $\chi^2/\text{NDF}: 465.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -107.330 ± 1.026 $\chi^2/\text{NDF}: 1136.6/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

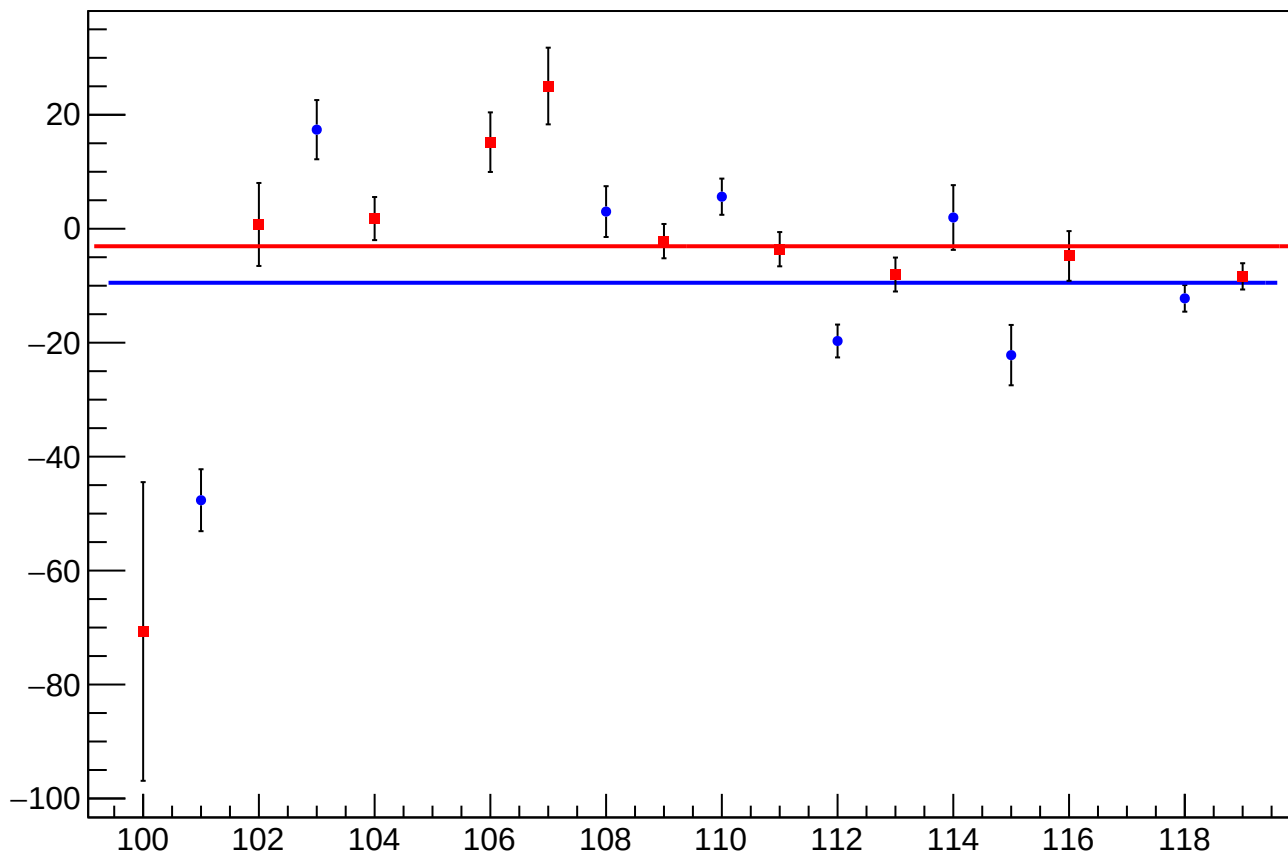
Right: -112.689 ± 0.769 $\chi^2/\text{NDF}: 1663.8/17$

In: -119.562 ± 1.162 $\chi^2/\text{NDF}: 465.0/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -112.689 ± 0.769 $\chi^2/\text{NDF}: 1663.8/17$

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.482+/-1.301 χ^2/NDF : 130.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.072+/-1.176 χ^2/NDF : 46.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

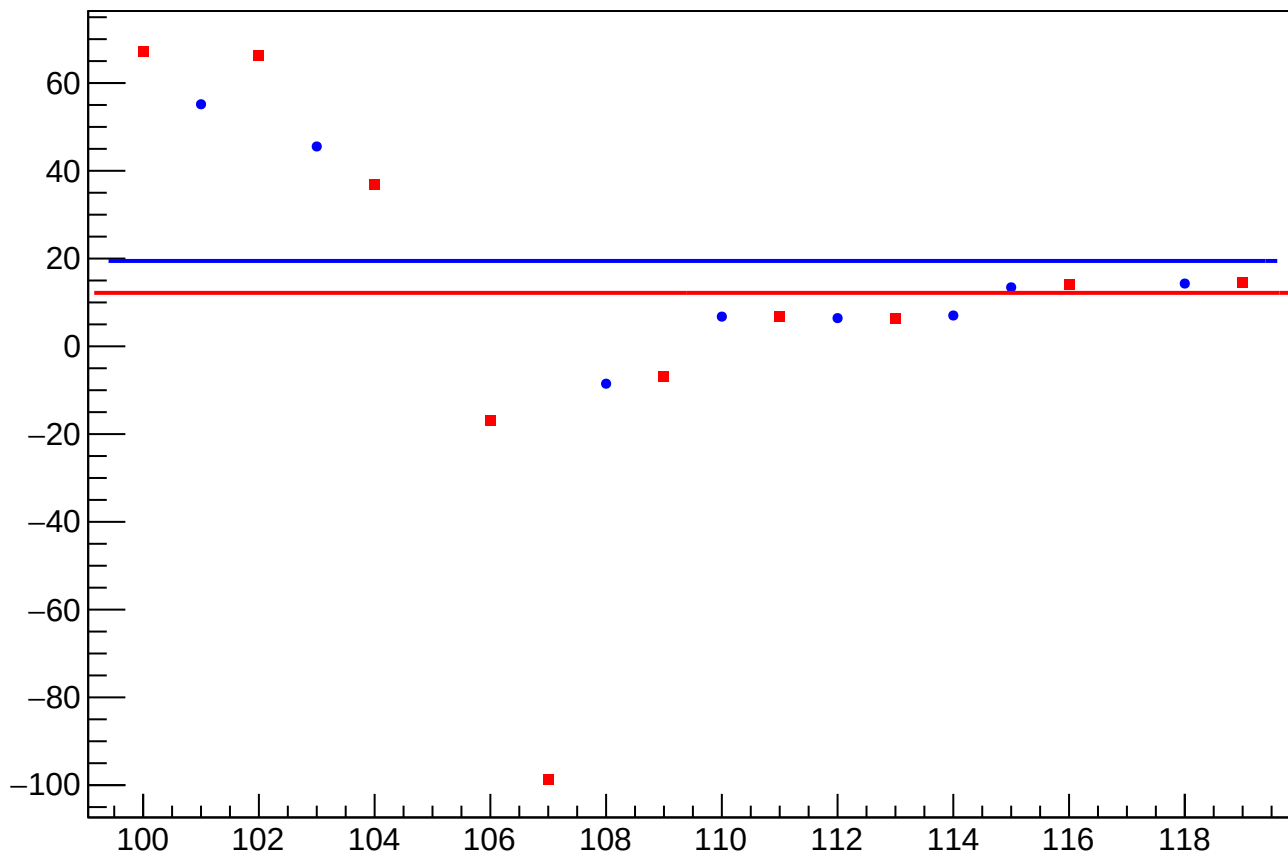
Right: -5.953+/-0.872 χ^2/NDF : 190.2/17

In: -9.482+/-1.301 χ^2/NDF : 130.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.953+/-0.872 χ^2/NDF : 190.2/17

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 19.458+/-0.071 χ^2/NDF : 103779.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.181+/-0.066 χ^2/NDF : 250796.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

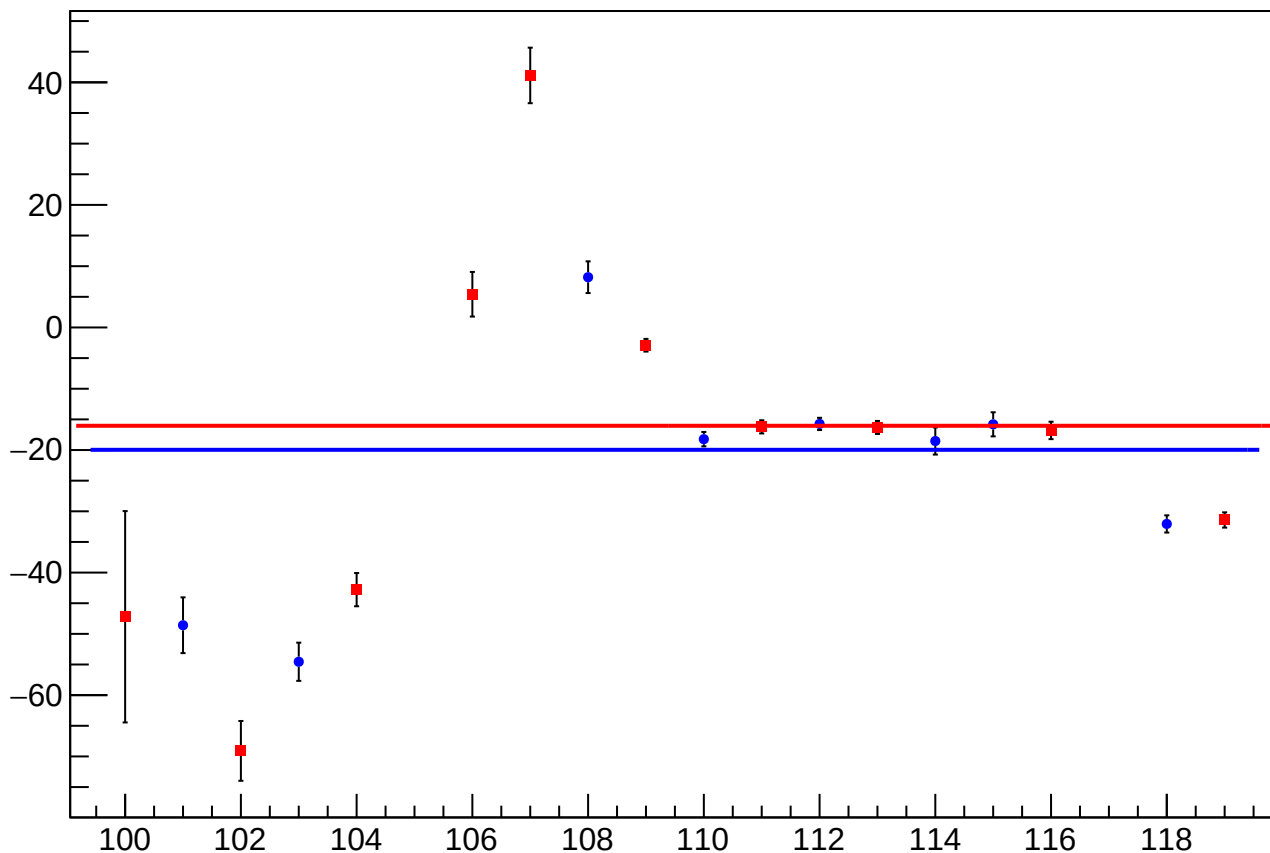
Right: 15.549+/-0.048 χ^2/NDF : 360212.2/17

In: 19.458+/-0.071 χ^2/NDF : 103779.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.549+/-0.048 χ^2/NDF : 360212.2/17

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.964 ± 0.578 $\chi^2/\text{NDF}: 380.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.044 ± 0.492 $\chi^2/\text{NDF}: 727.2/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

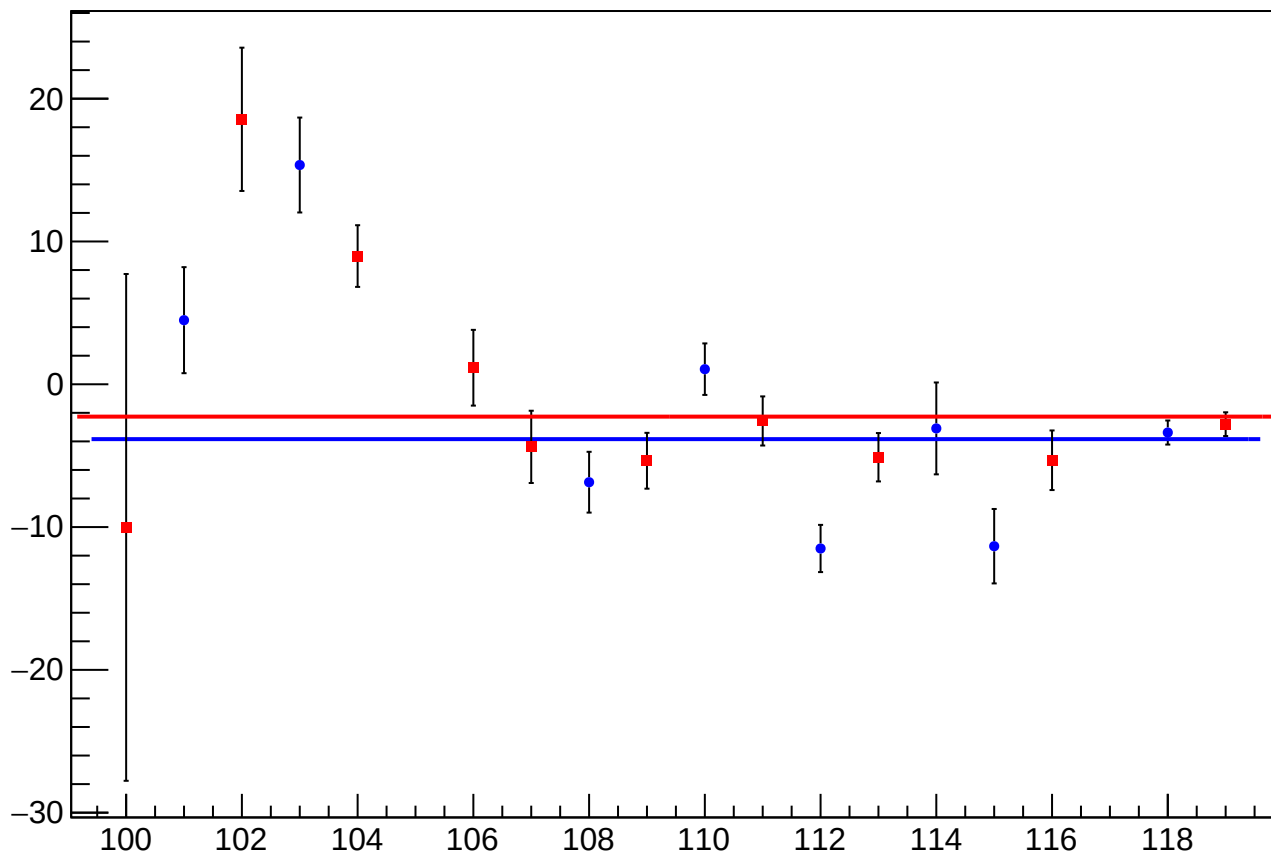
Right: -17.692 ± 0.375 $\chi^2/\text{NDF}: 1134.0/17$

In: -19.964 ± 0.578 $\chi^2/\text{NDF}: 380.2/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.692 ± 0.375 $\chi^2/\text{NDF}: 1134.0/17$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.842 ± 0.608 $\chi^2/\text{NDF}: 77.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.265 ± 0.561 $\chi^2/\text{NDF}: 54.8/9$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

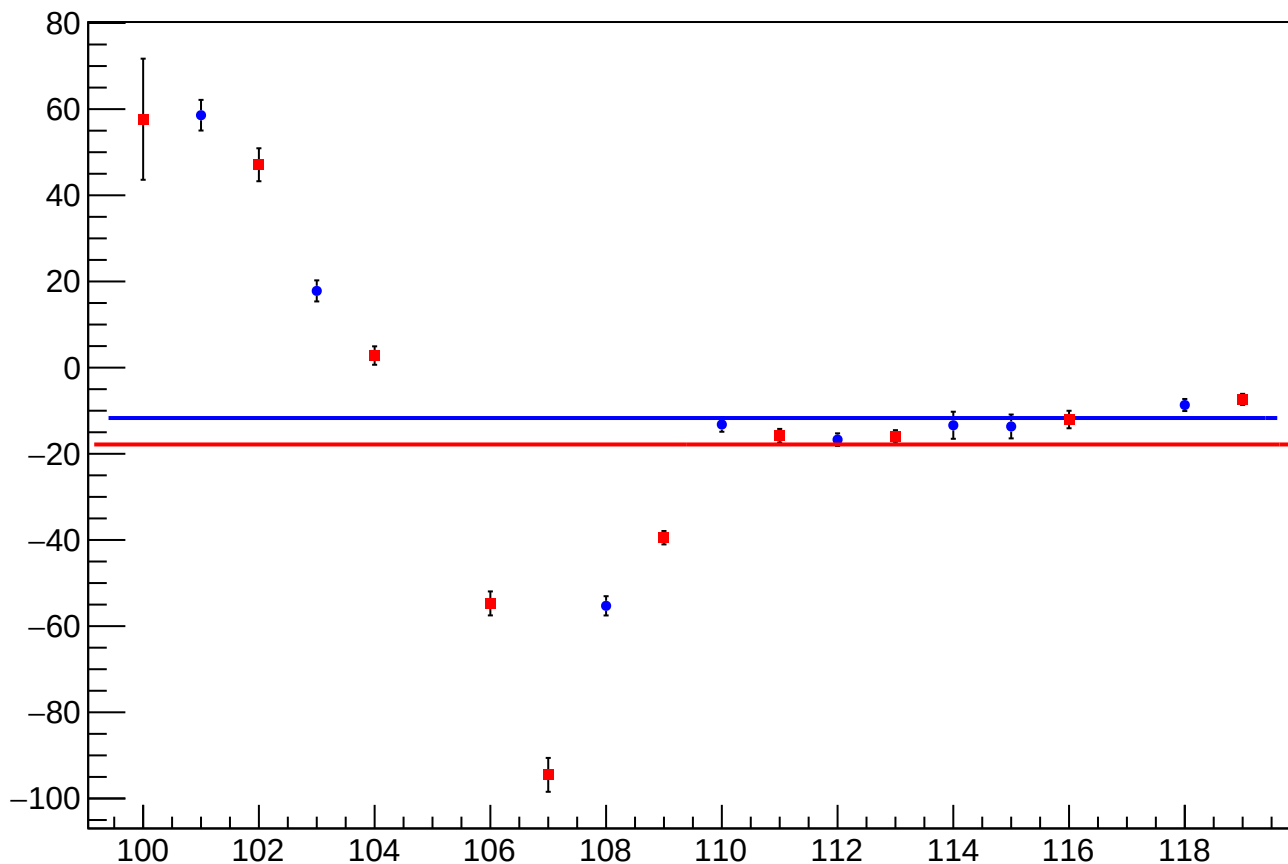
Right: -2.991 ± 0.412 $\chi^2/\text{NDF}: 136.3/17$

In: -3.842 ± 0.608 $\chi^2/\text{NDF}: 77.9/7$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.991 ± 0.412 $\chi^2/\text{NDF}: 136.3/17$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.695+/-0.705 χ^2/NDF : 934.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.833+/-0.623 χ^2/NDF : 1237.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

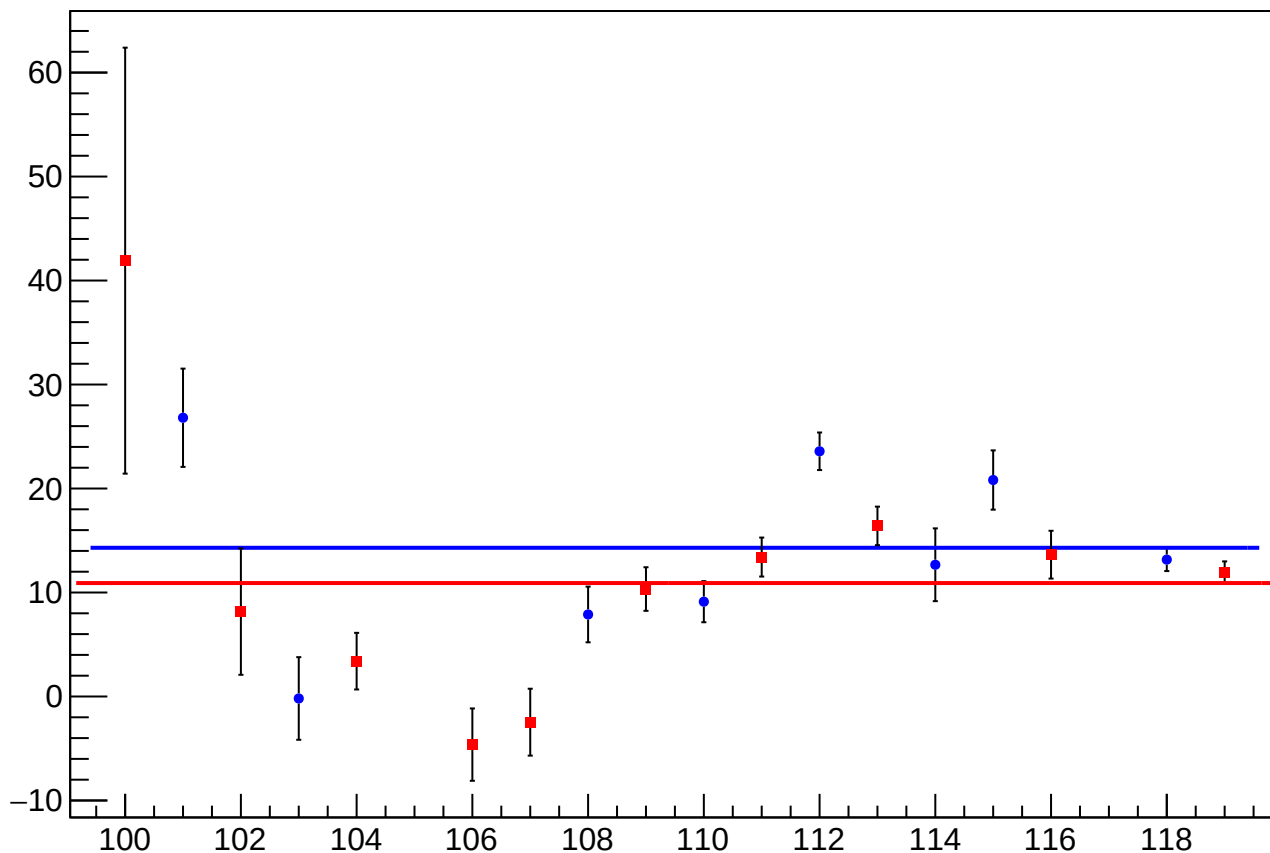
Right: -15.146+/-0.467 χ^2/NDF : 2213.6/17

In: -11.695+/-0.705 χ^2/NDF : 934.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.146+/-0.467 χ^2/NDF : 2213.6/17

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.301+/-0.737 χ^2/NDF : 65.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.909+/-0.672 χ^2/NDF : 60.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

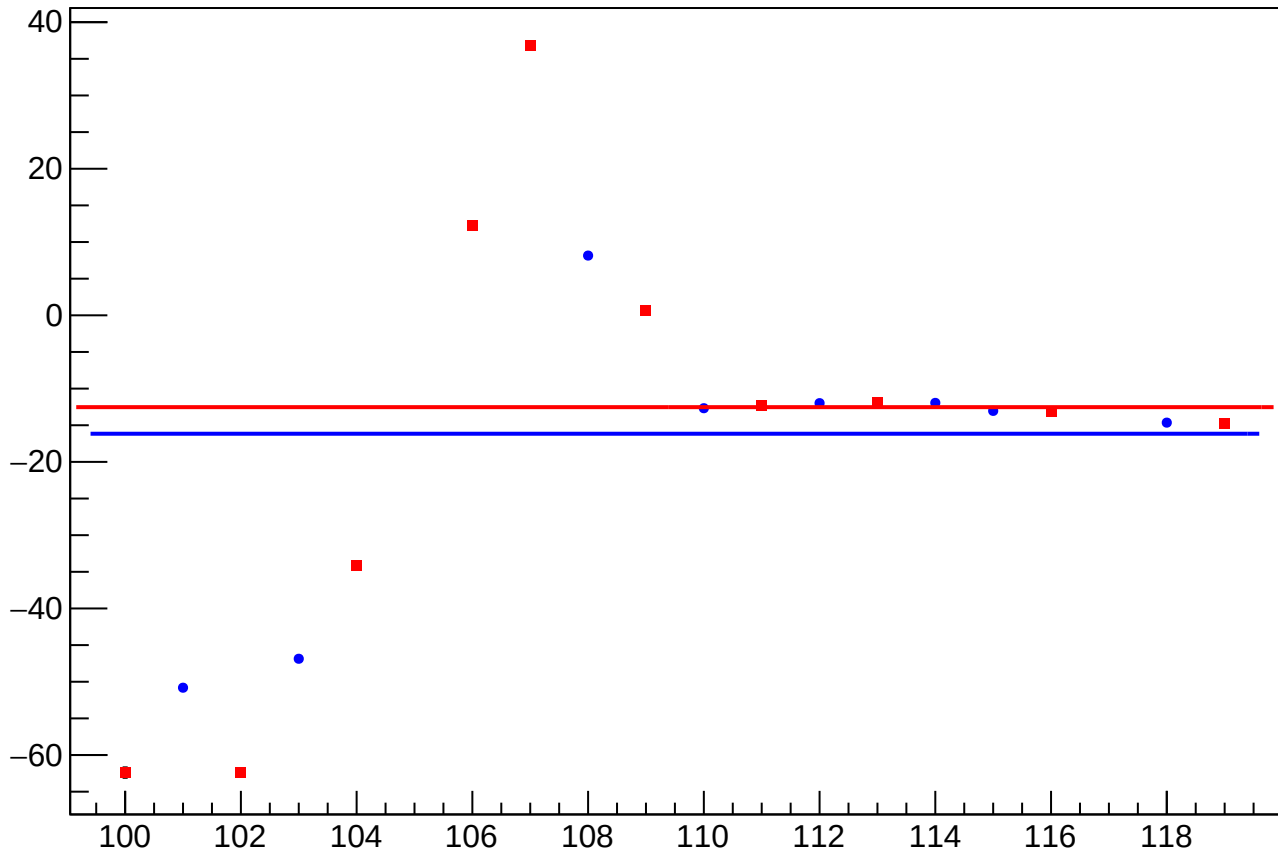
Right: 12.448+/-0.497 χ^2/NDF : 137.7/17

In: 14.301+/-0.737 χ^2/NDF : 65.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.448+/-0.497 χ^2/NDF : 137.7/17

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -16.159+/-0.045 χ^2/NDF : 190326.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.531+/-0.042 χ^2/NDF : 277079.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

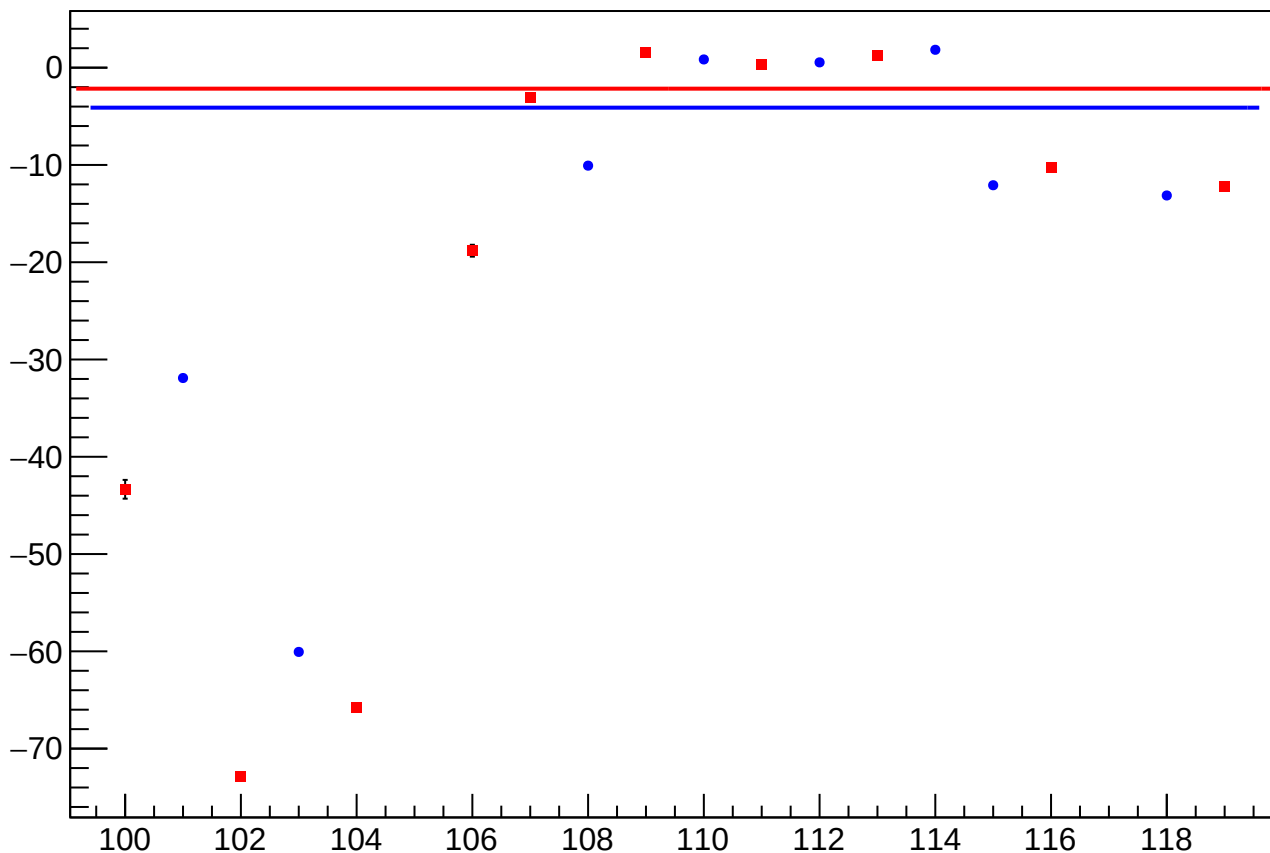
Right: -14.202+/-0.031 χ^2/NDF : 470880.6/17

In: -16.159+/-0.045 χ^2/NDF : 190326.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.202+/-0.031 χ^2/NDF : 470880.6/17

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.110+/-0.068 χ^2/NDF : 31858.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.158+/-0.053 χ^2/NDF : 50684.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

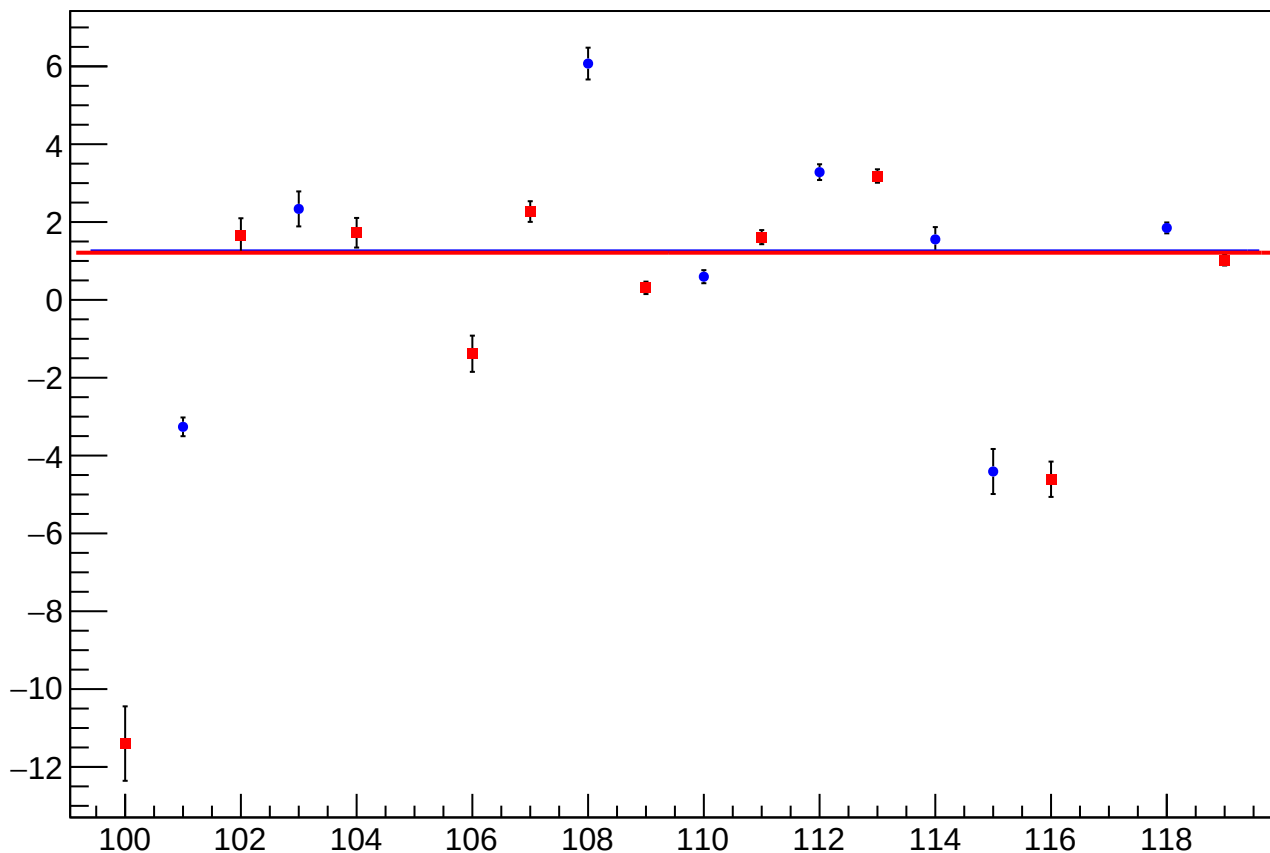
Right: -2.895+/-0.042 χ^2/NDF : 83055.8/17

In: -4.110+/-0.068 χ^2/NDF : 31858.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.895+/-0.042 χ^2/NDF : 83055.8/17

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.246 $\pm$ 0.081 χ^2 /NDF: 727.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.212 $\pm$ 0.072 χ^2 /NDF: 557.2/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

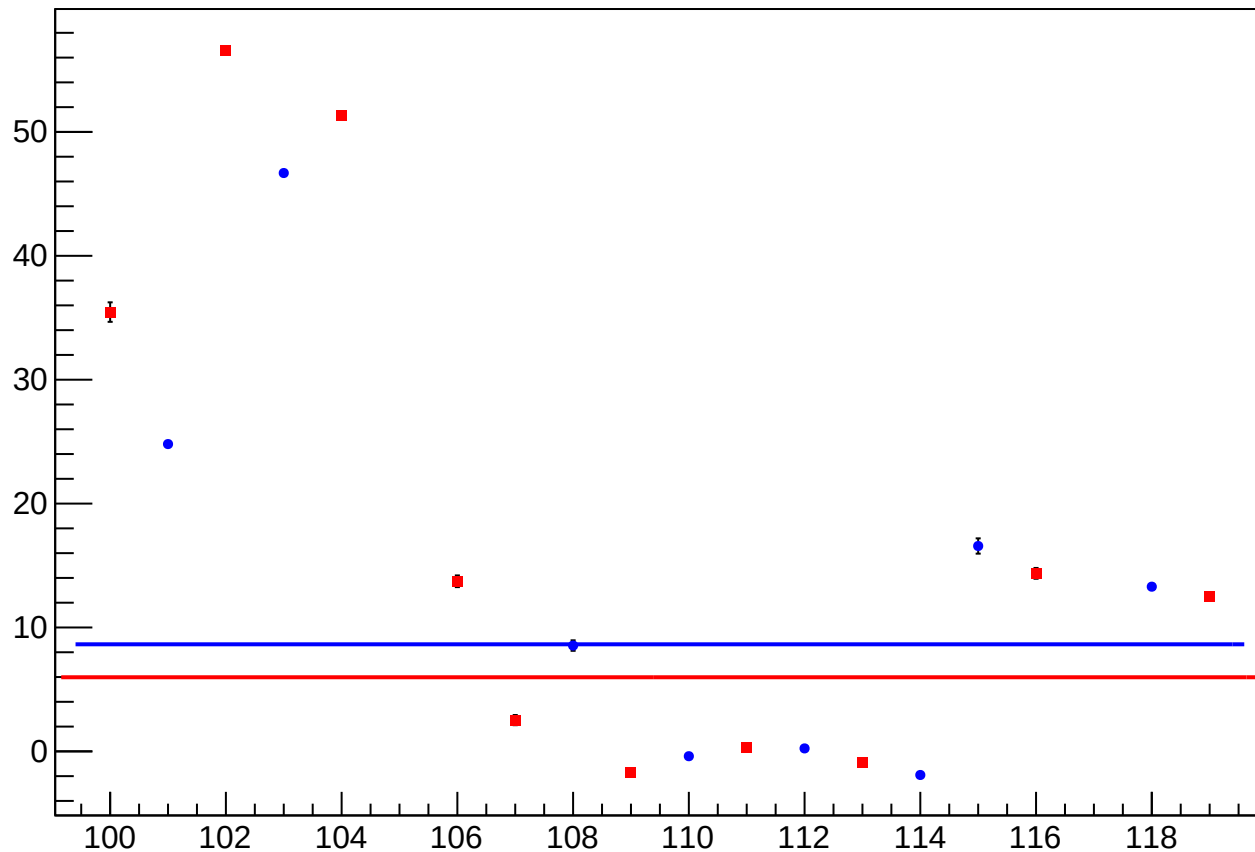
Right: 1.227 $\pm$ 0.054 χ^2 /NDF: 1285.1/17

In: 1.246 $\pm$ 0.081 χ^2 /NDF:727.8/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.227 $\pm$ 0.054 χ^2 /NDF: 1285.1/17

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.642+/-0.086 χ^2/NDF : 24745.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.982+/-0.072 χ^2/NDF : 44253.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

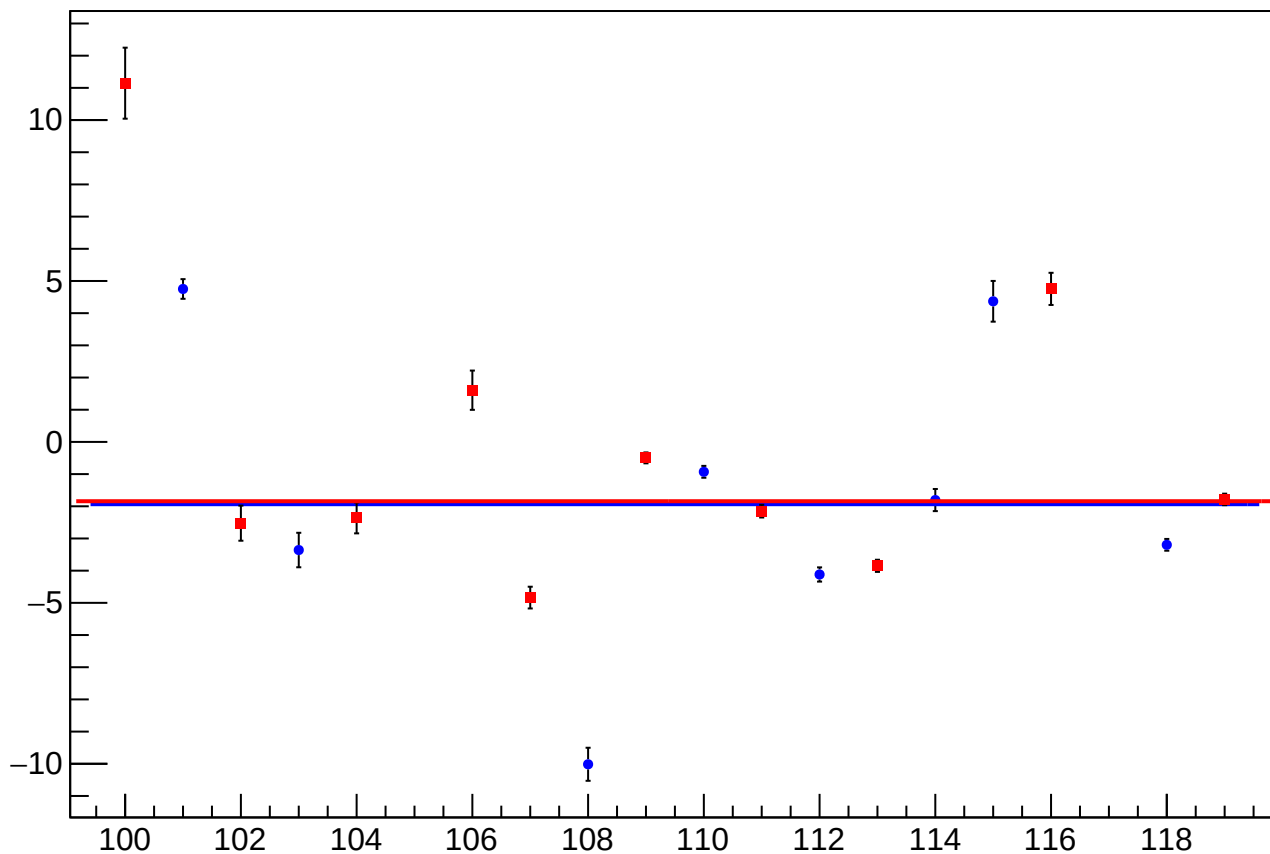
Right: 7.089+/-0.055 χ^2/NDF : 69562.9/17

In: 8.642+/-0.086 χ^2/NDF : 24745.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.089+/-0.055 χ^2/NDF : 69562.9/17

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.935+/-0.096 χ^2/NDF : 1008.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.842+/-0.083 χ^2/NDF : 605.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

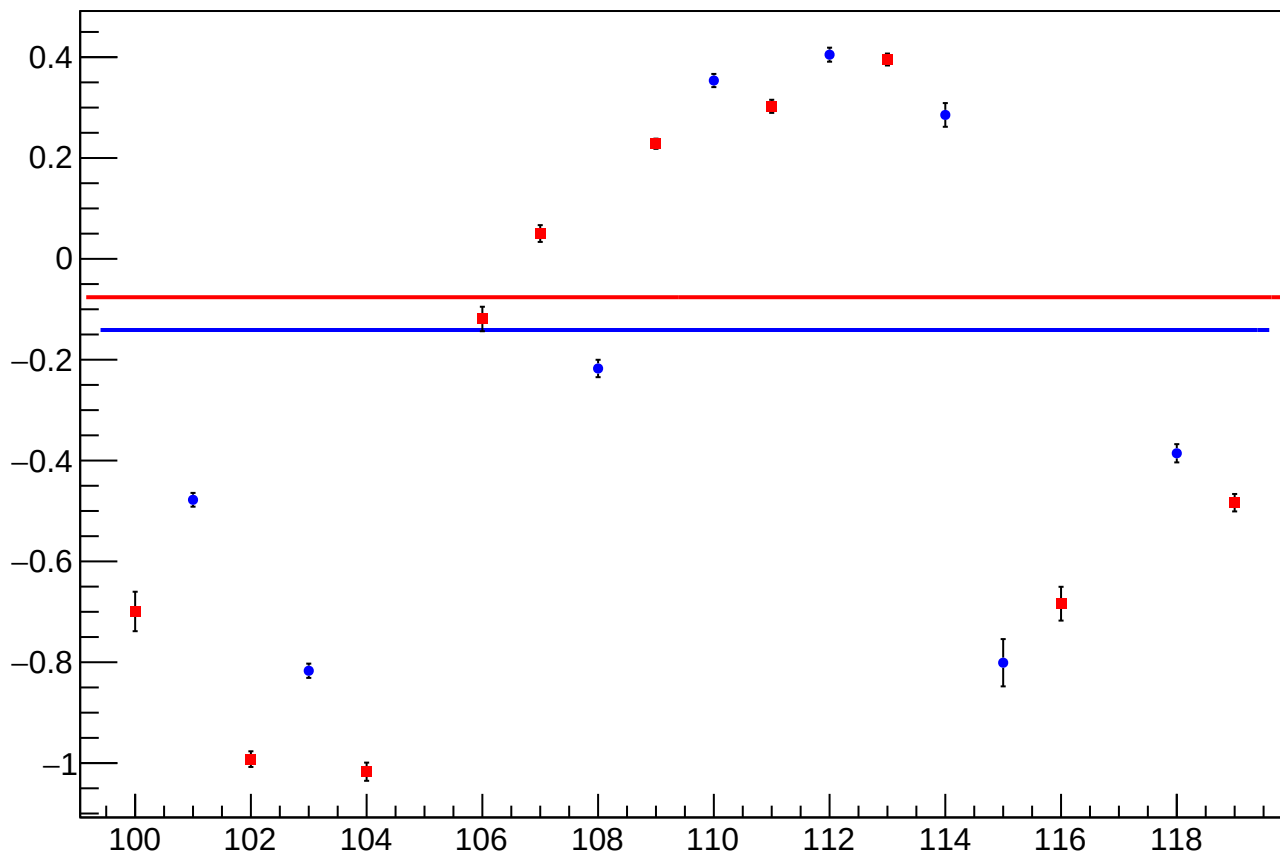
Right: -1.882+/-0.063 χ^2/NDF : 1613.7/17

In: -1.935+/-0.096 χ^2/NDF : 1008.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.882+/-0.063 χ^2/NDF : 1613.7/17

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.141+/-0.006 χ^2/NDF : 6589.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.076+/-0.005 χ^2/NDF : 10748.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

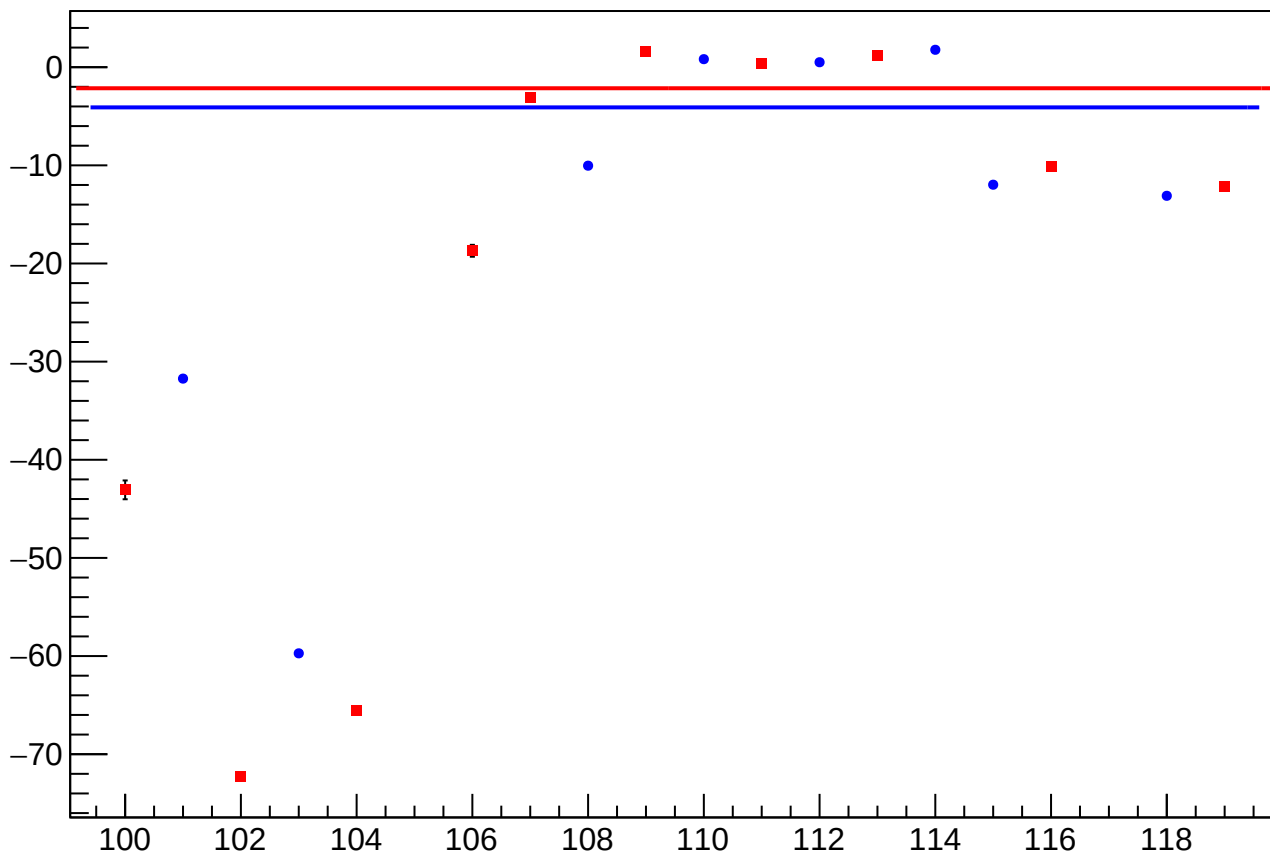
Right: -0.104+/-0.004 χ^2/NDF : 17411.3/17

In: -0.141+/-0.006 χ^2/NDF :6589.8/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.104+/-0.004 χ^2/NDF : 17411.3/17

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.094+/-0.068 χ^2/NDF : 31819.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.145+/-0.053 χ^2/NDF : 50651.4/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

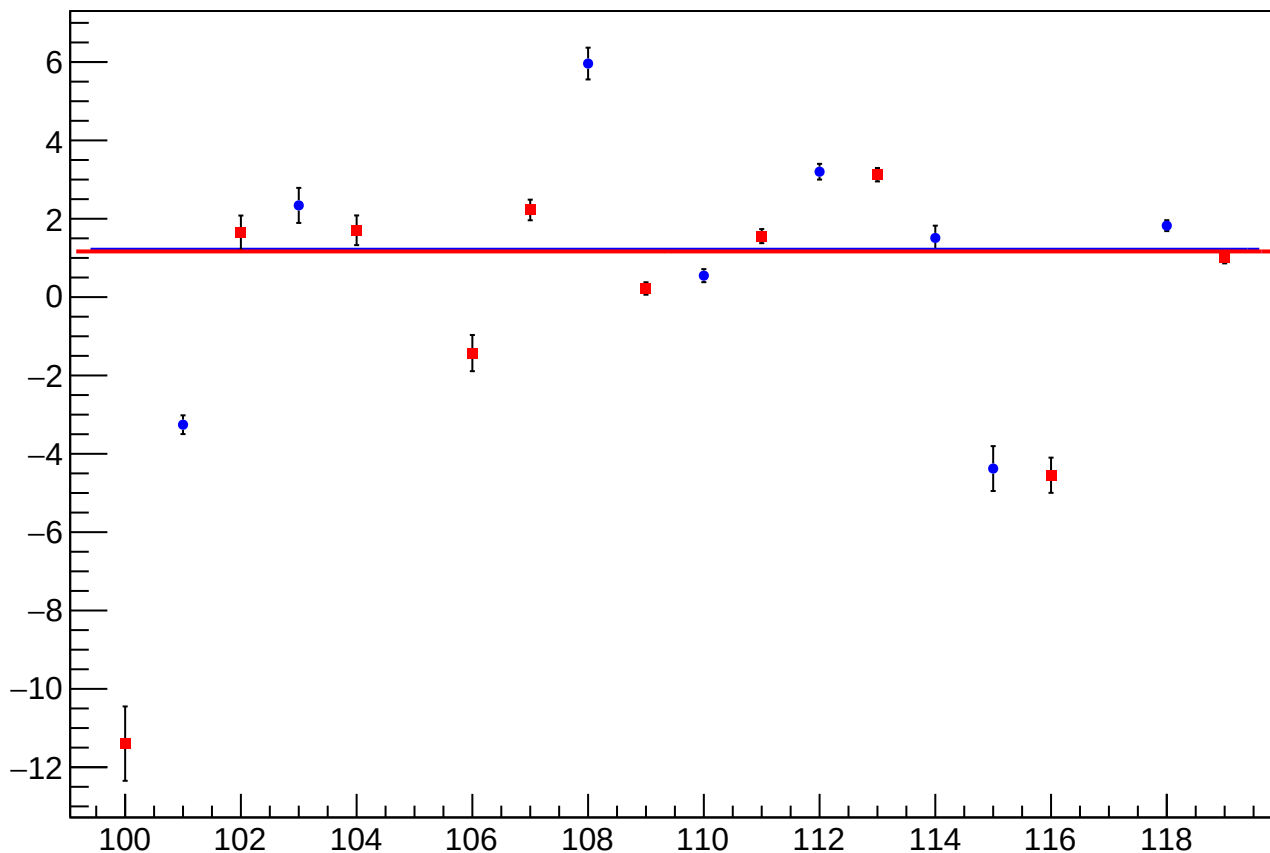
Right: -2.882+/-0.041 χ^2/NDF : 82989.5/17

In: -4.094+/-0.068 χ^2/NDF :31819.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.882+/-0.041 χ^2/NDF : 82989.5/17

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.209 $\pm$ 0.081 χ^2 /NDF: 721.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.165 $\pm$ 0.072 χ^2 /NDF: 560.4/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

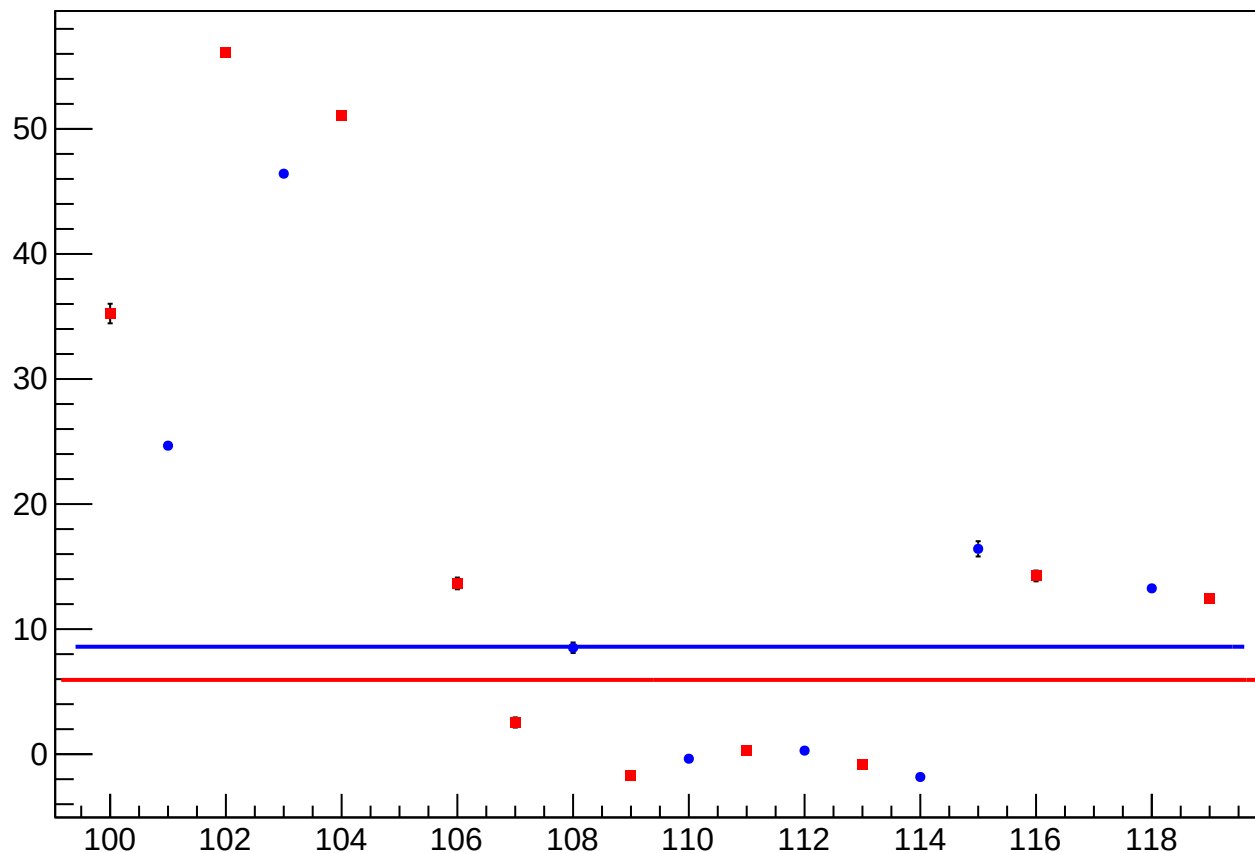
Right: 1.185 $\pm$ 0.054 χ^2 /NDF: 1282.2/17

In: 1.209 $\pm$ 0.081 χ^2 /NDF:721.7/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.185 $\pm$ 0.054 χ^2 /NDF: 1282.2/17

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.592+/-0.085 χ^2/NDF : 24711.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.939+/-0.072 χ^2/NDF : 44230.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

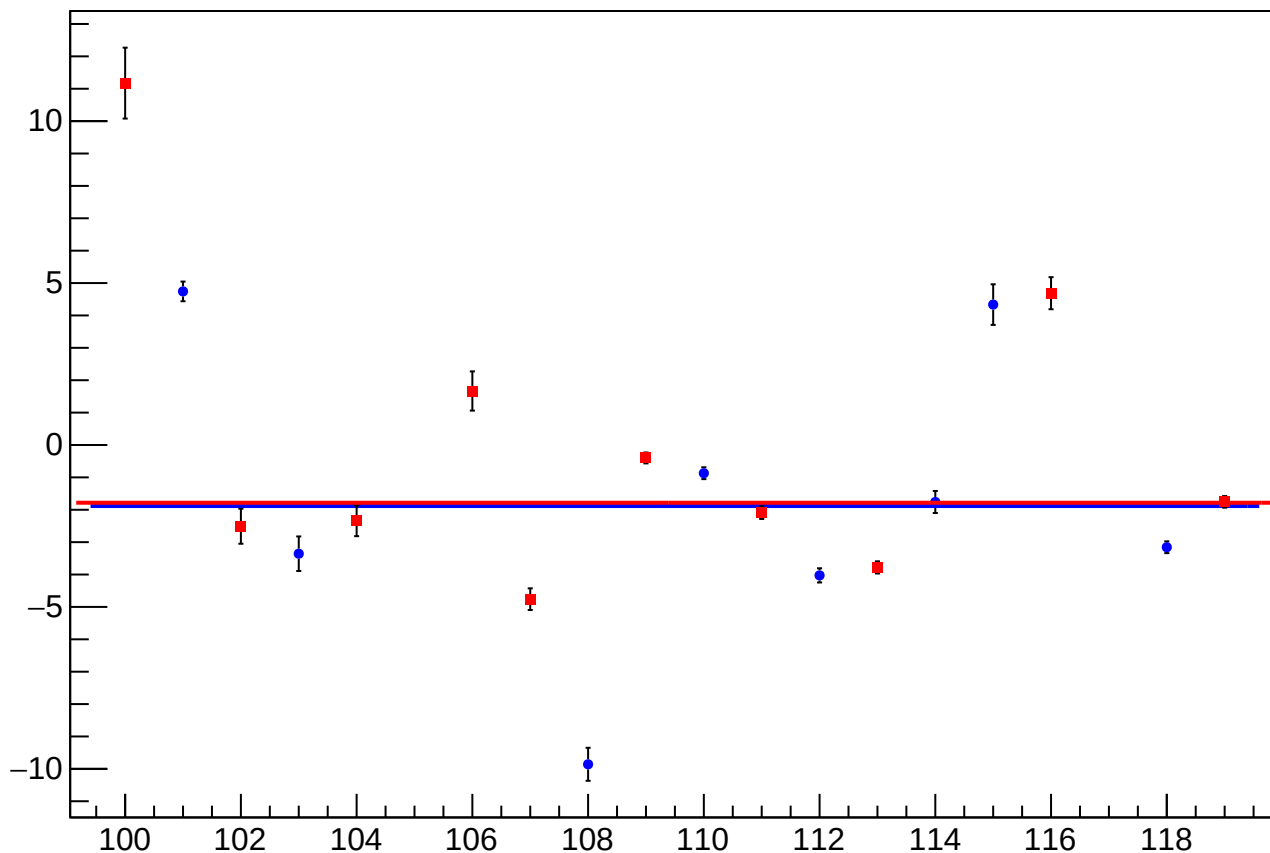
Right: 7.043+/-0.055 χ^2/NDF : 69511.4/17

In: 8.592+/-0.085 χ^2/NDF : 24711.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.043+/-0.055 χ^2/NDF : 69511.4/17

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.885+/-0.095 χ^2/NDF : 1001.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.783+/-0.083 χ^2/NDF : 609.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

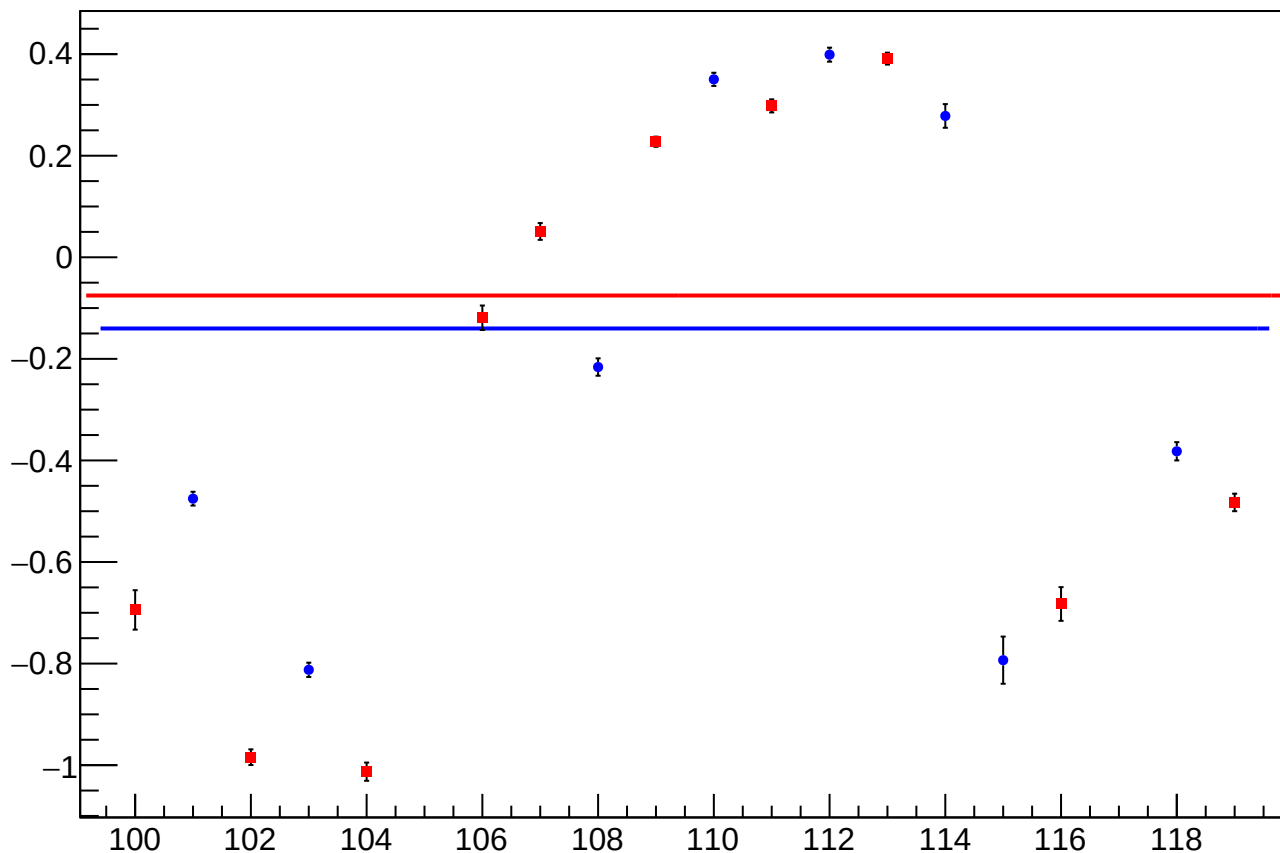
Right: -1.827+/-0.062 χ^2/NDF : 1612.0/17

In: -1.885+/-0.095 χ^2/NDF : 1001.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.827+/-0.062 χ^2/NDF : 1612.0/17

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.140 ± 0.006 χ^2/NDF : 6564.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.075 ± 0.005 χ^2/NDF : 10750.2/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

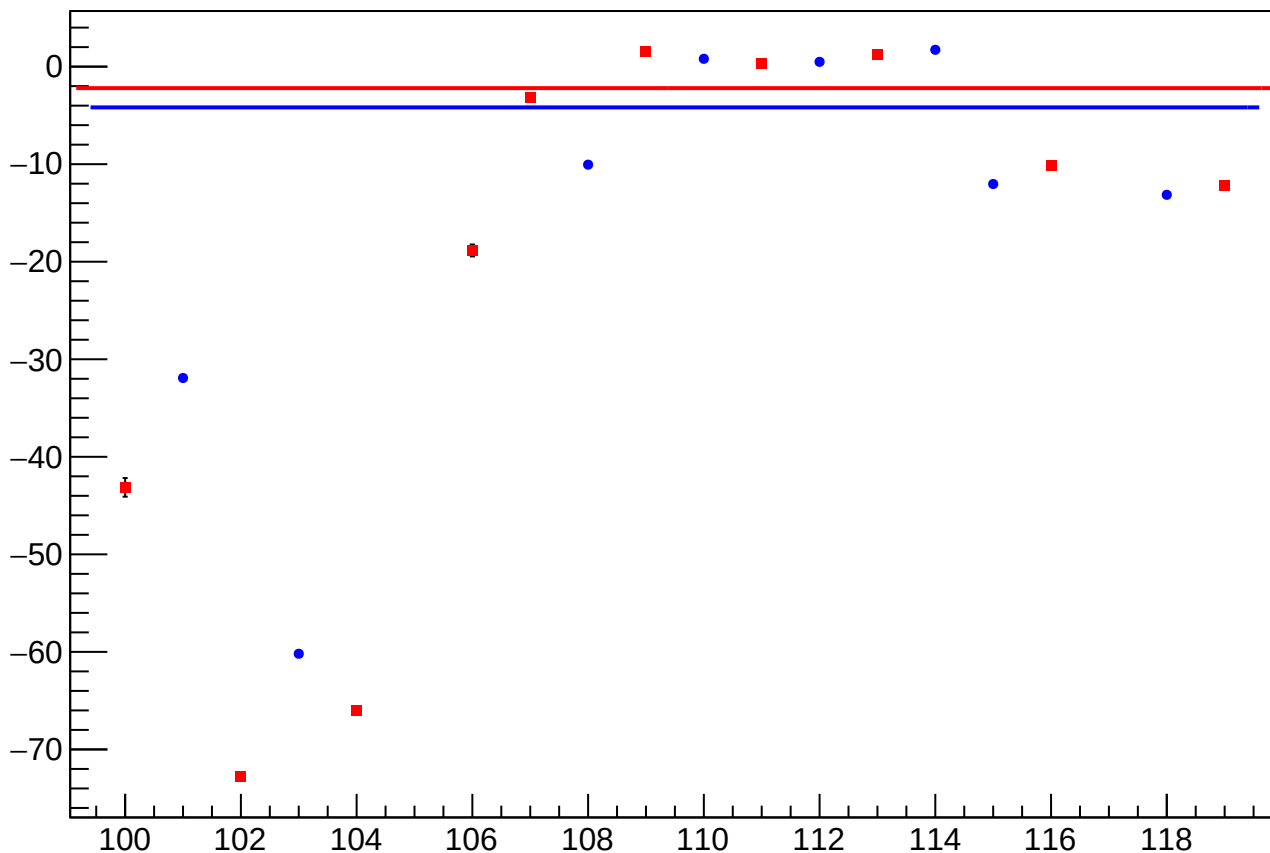
Right: -0.103 ± 0.004 χ^2/NDF : 17388.3/17

In: -0.140 ± 0.006 χ^2/NDF : 6564.5/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.103 ± 0.004 χ^2/NDF : 17388.3/17

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.179+/-0.068 χ^2/NDF : 31794.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.204+/-0.053 χ^2/NDF : 50609.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

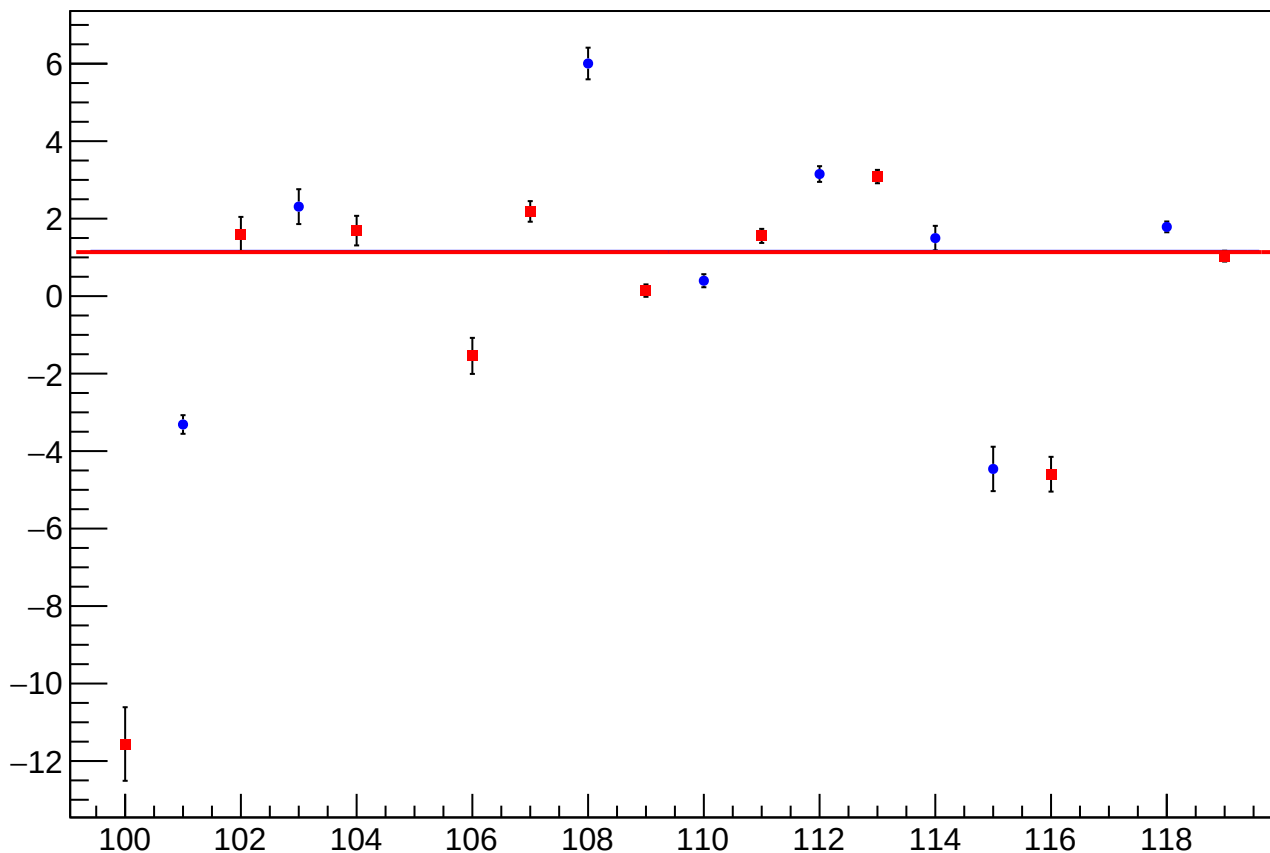
Right: -2.950+/-0.042 χ^2/NDF : 82927.4/17

In: -4.179+/-0.068 χ^2/NDF : 31794.8/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.950+/-0.042 χ^2/NDF : 82927.4/17

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.143+/-0.081 χ^2/NDF : 727.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.136+/-0.072 χ^2/NDF : 565.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

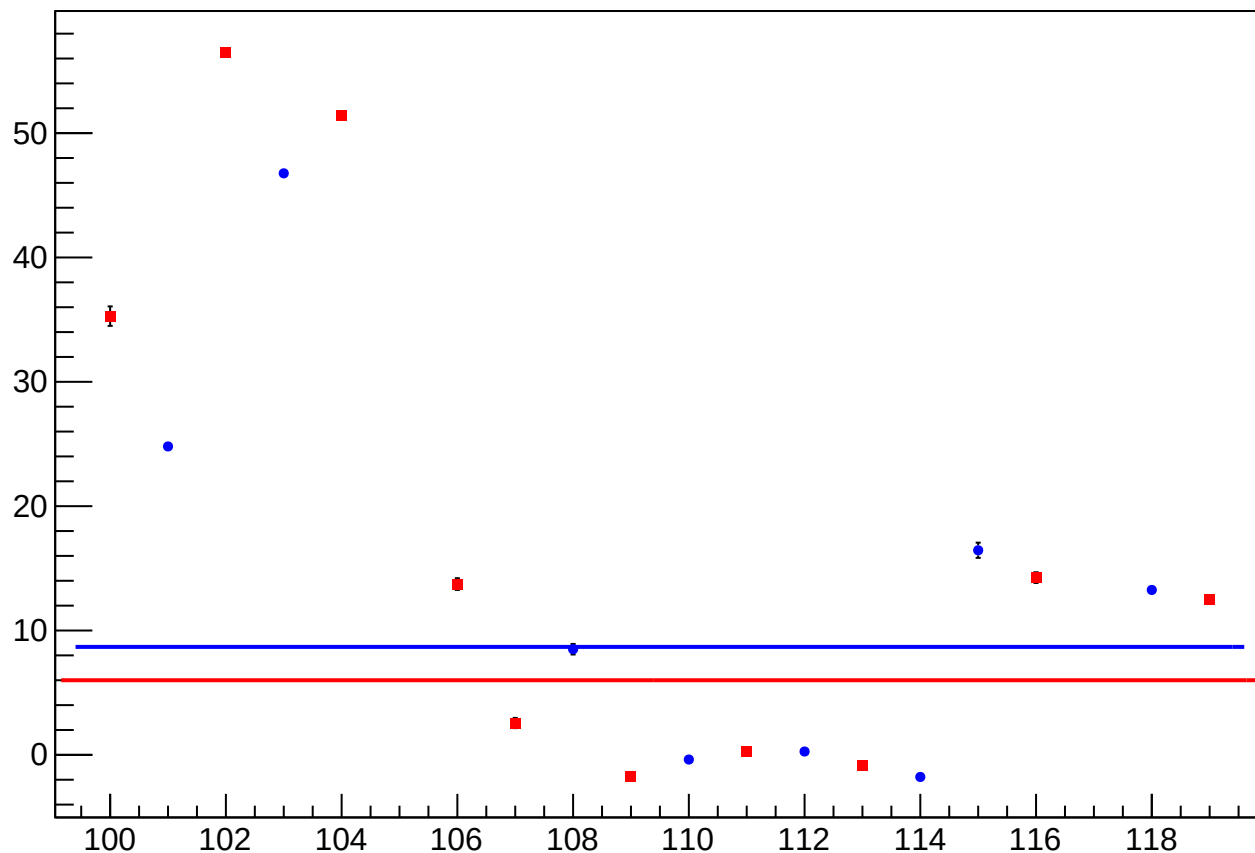
Right: 1.139+/-0.054 χ^2/NDF : 1293.1/17

In: 1.143+/-0.081 χ^2/NDF : 727.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.139+/-0.054 χ^2/NDF : 1293.1/17

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.683+/-0.086 χ^2/NDF : 24675.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6.001+/-0.072 χ^2/NDF : 44190.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

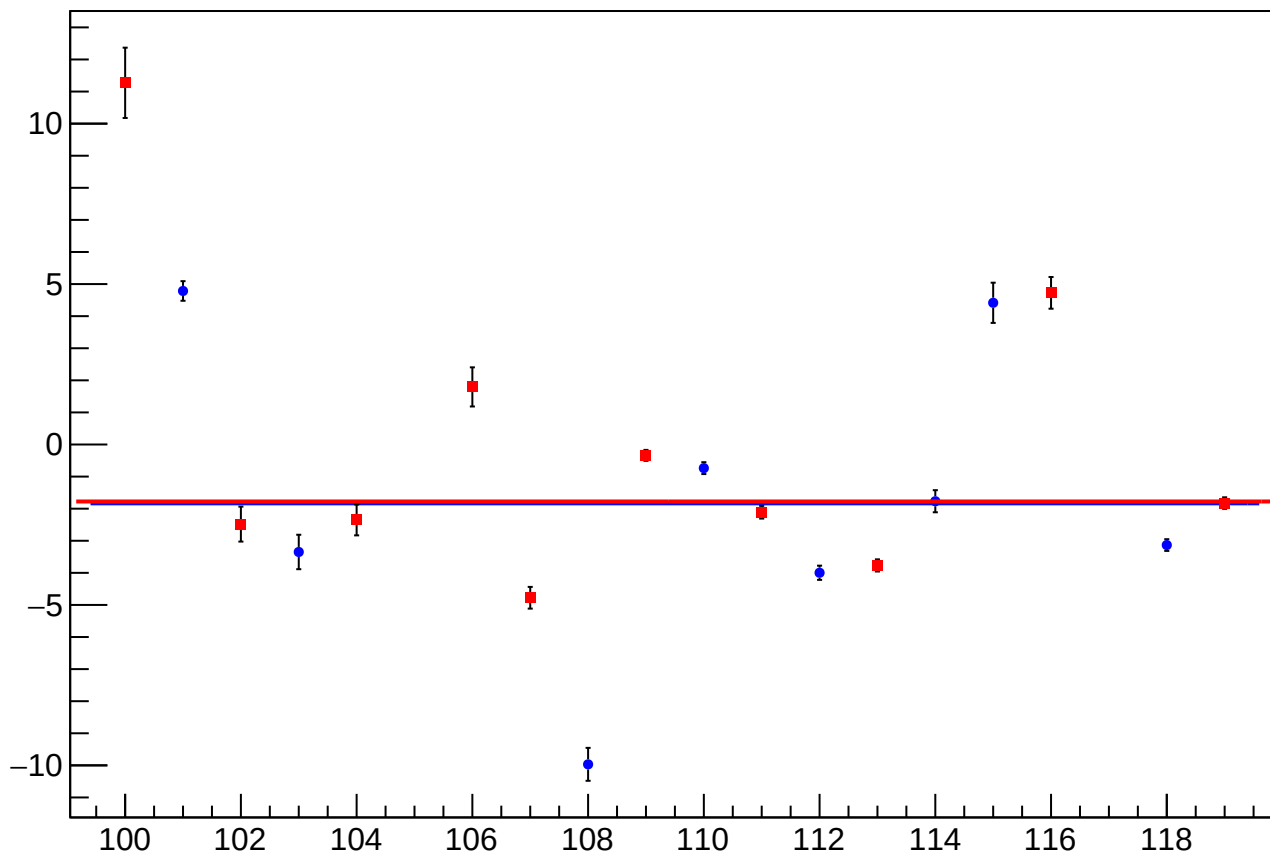
Right: 7.118+/-0.055 χ^2/NDF : 69438.4/17

In: 8.683+/-0.086 χ^2/NDF :24675.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7.118+/-0.055 χ^2/NDF : 69438.4/17

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.833+/-0.096 χ^2/NDF : 1009.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.776+/-0.083 χ^2/NDF : 617.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

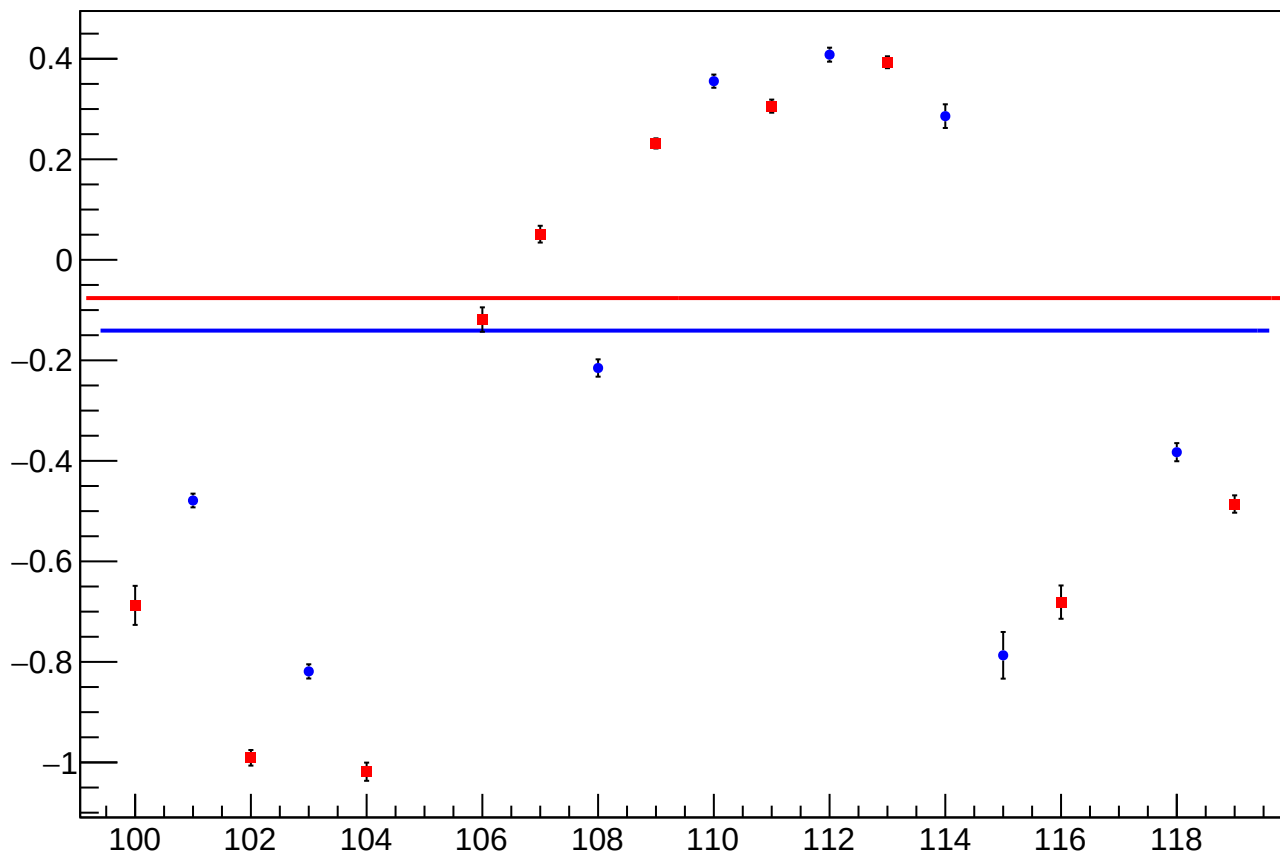
Right: -1.800+/-0.063 χ^2/NDF : 1626.5/17

In: -1.833+/-0.096 χ^2/NDF : 1009.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.800+/-0.063 χ^2/NDF : 1626.5/17

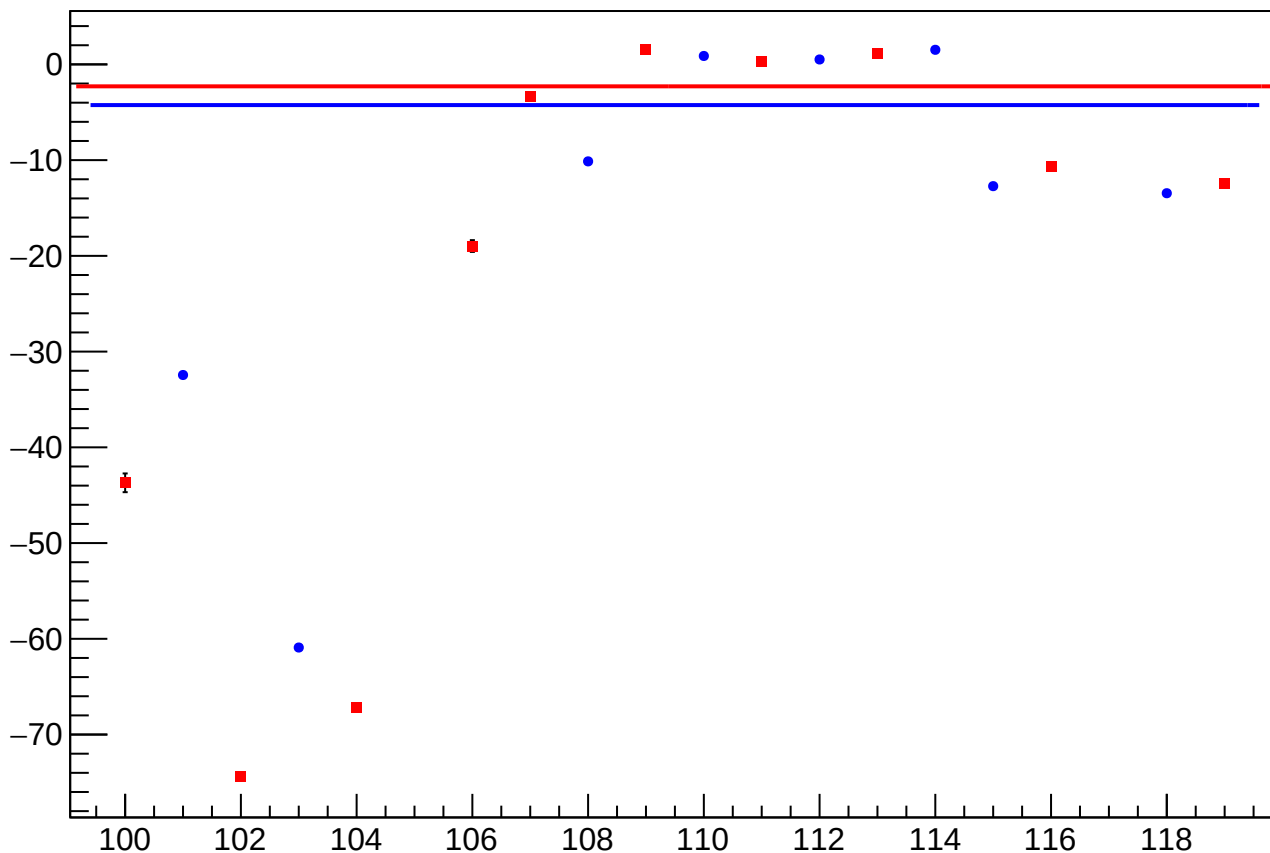
reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.141 ± 0.006 χ^2/NDF : 6607.3/7
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.076 ± 0.005 χ^2/NDF : 10752.9/9
 Left 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 ± 0.004 χ^2/NDF : 17432.1/17
 In: -0.141 ± 0.006 χ^2/NDF : 6607.3/7
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.104 ± 0.004 χ^2/NDF : 17432.1/17

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.250+/-0.070 χ^2/NDF : 31395.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.293+/-0.054 χ^2/NDF : 50242.4/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

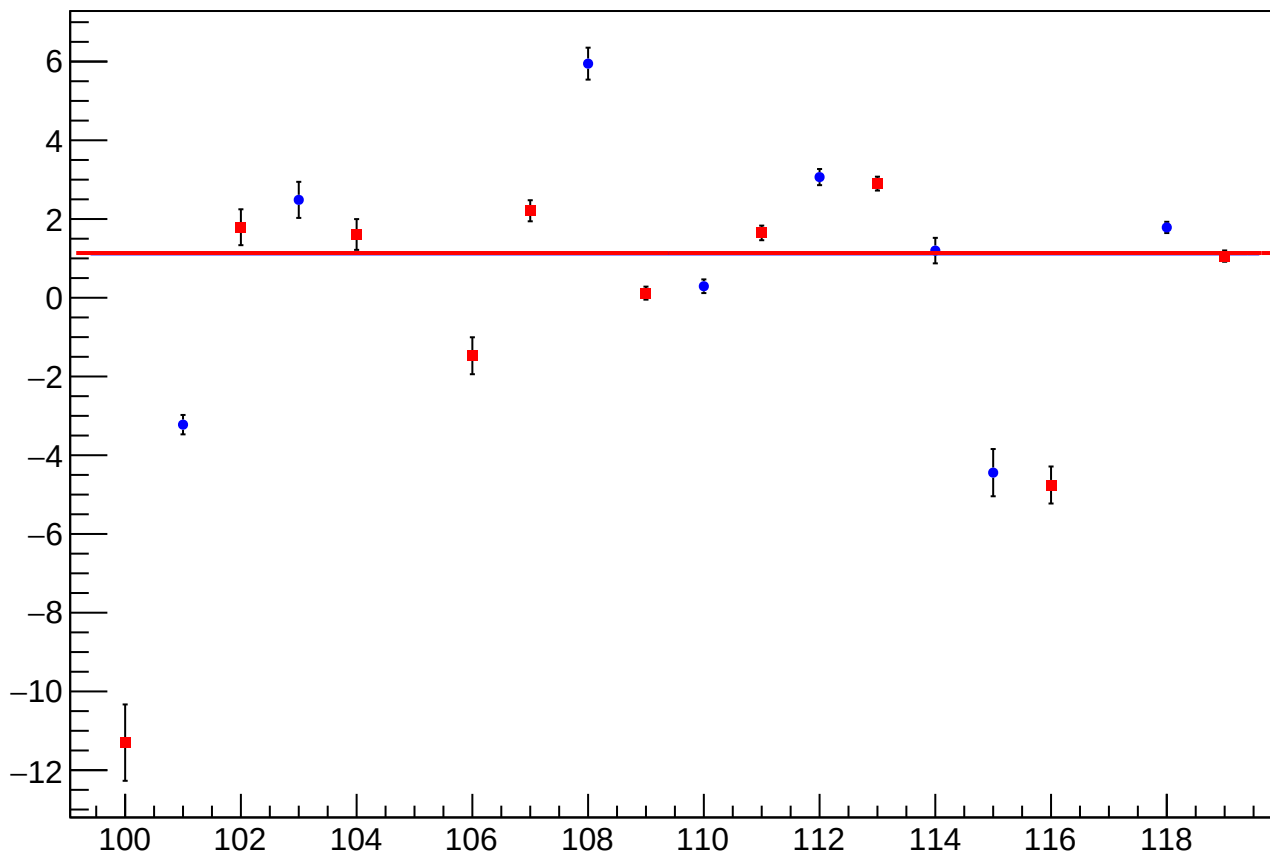
Right: -3.036+/-0.043 χ^2/NDF : 82128.1/17

In: -4.250+/-0.070 χ^2/NDF : 31395.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.036+/-0.043 χ^2/NDF : 82128.1/17

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.127+/-0.083 χ^2/NDF : 681.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.136+/-0.074 χ^2/NDF : 518.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

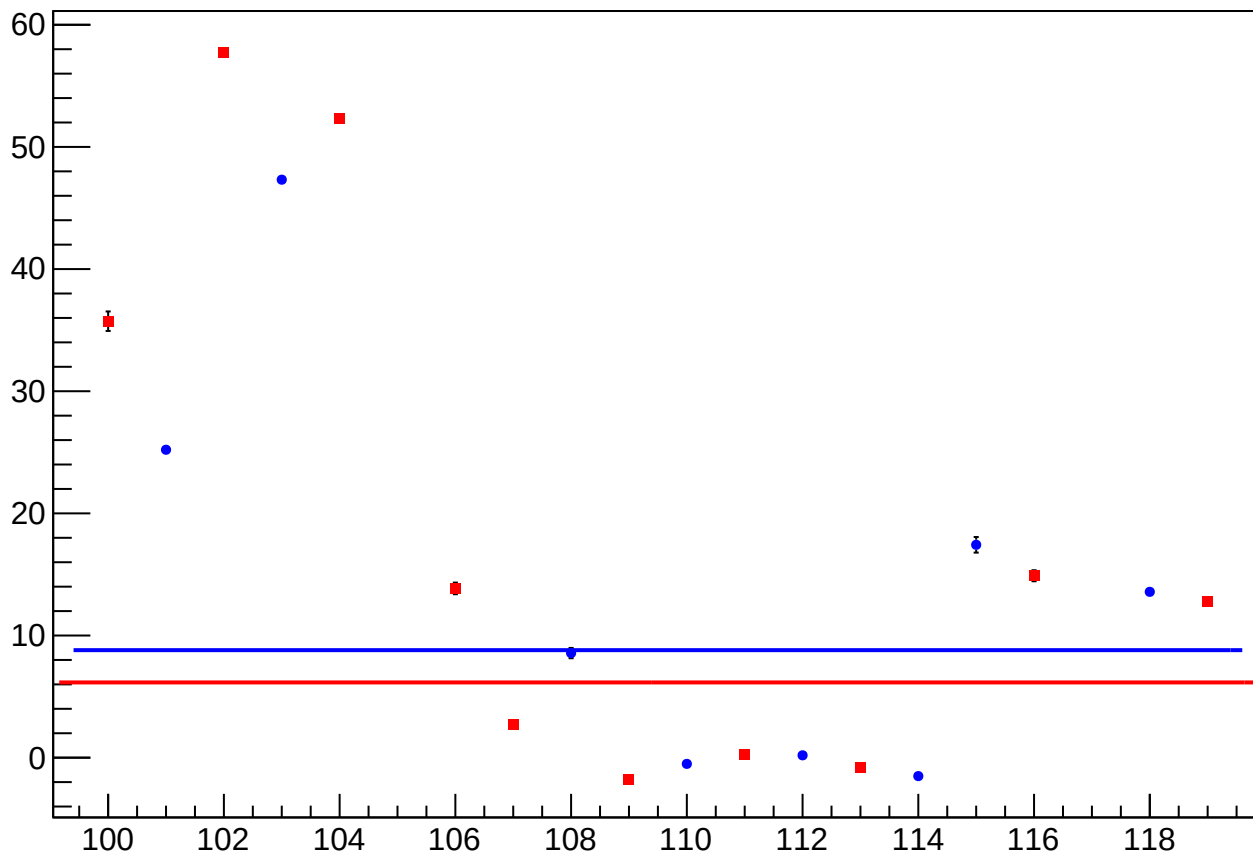
Right: 1.132+/-0.055 χ^2/NDF : 1199.8/17

In: 1.127+/-0.083 χ^2/NDF : 681.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.132+/-0.055 χ^2/NDF : 1199.8/17

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.802+/-0.088 χ^2/NDF : 24403.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.160+/-0.074 χ^2/NDF : 43877.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

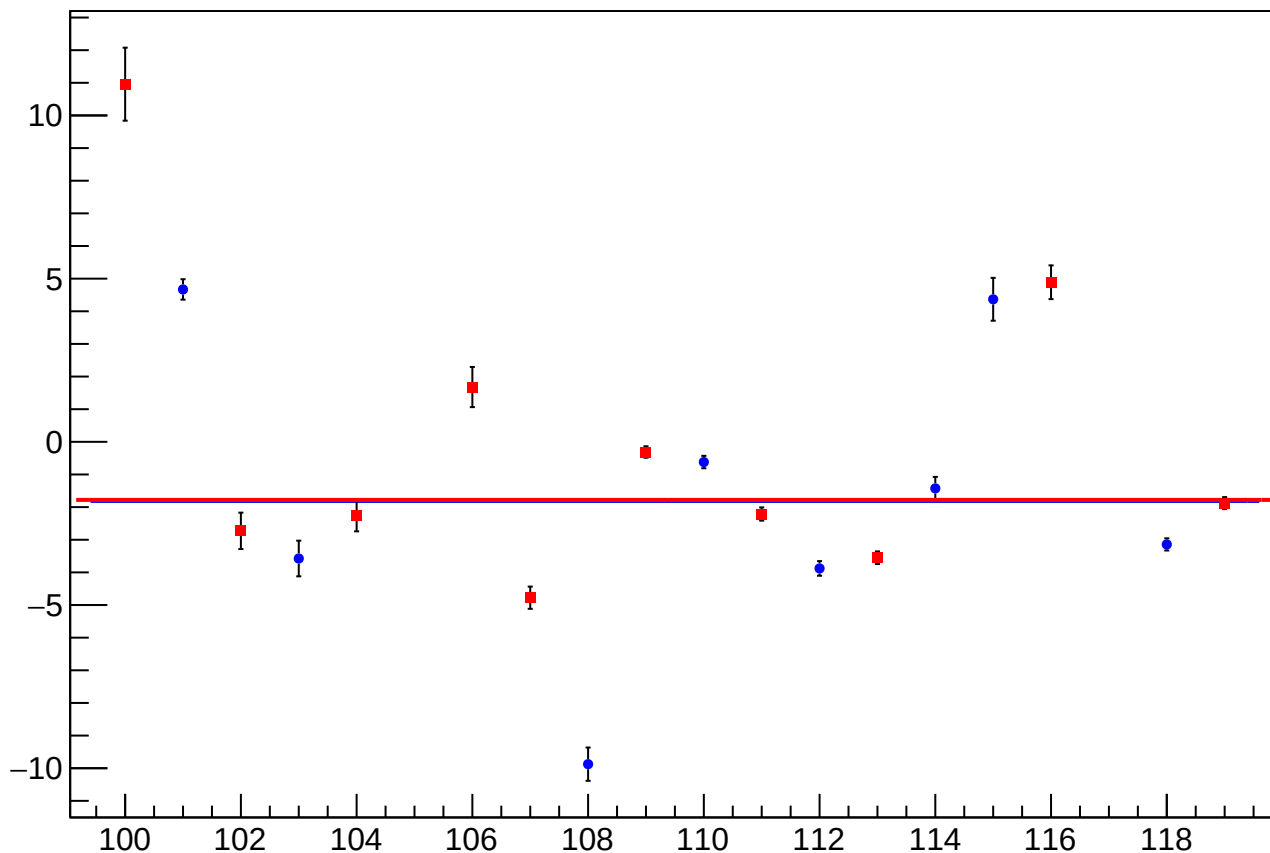
Right: 7.264+/-0.057 χ^2/NDF : 68811.5/17

In: 8.802+/-0.088 χ^2/NDF : 24403.4/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.264+/-0.057 χ^2/NDF : 68811.5/17

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.810+/-0.098 χ^2 /NDF: 954.1/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.779+/-0.086 χ^2 /NDF: 568.3/9

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

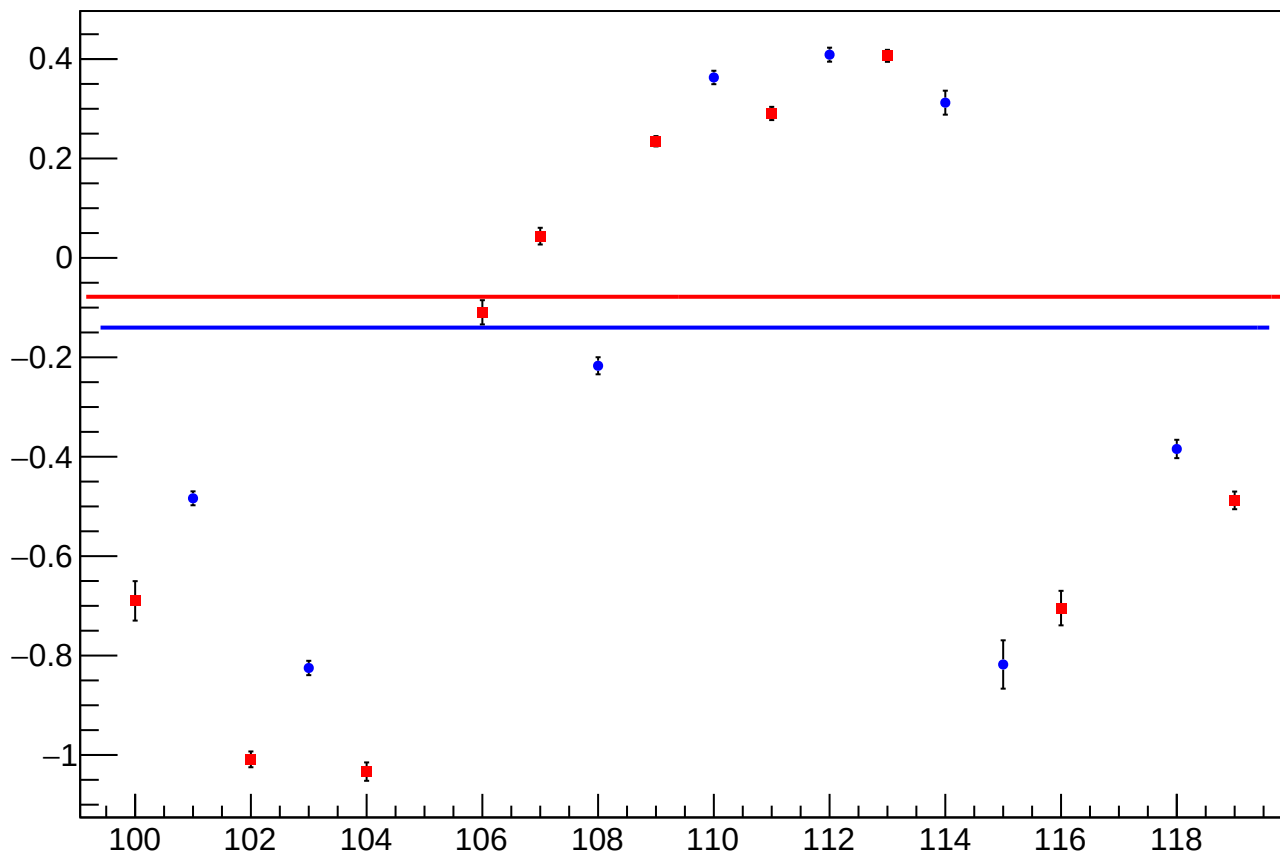
Right: -1.792+/-0.064 χ^2 /NDF: 1522.5/17

In: -1.810+/-0.098 χ^2 /NDF:954.1/7

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.792+/-0.064 χ^2 /NDF: 1522.5/17

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.140 ± 0.006 χ^2/NDF : 6493.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.078 ± 0.005 χ^2/NDF : 10540.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

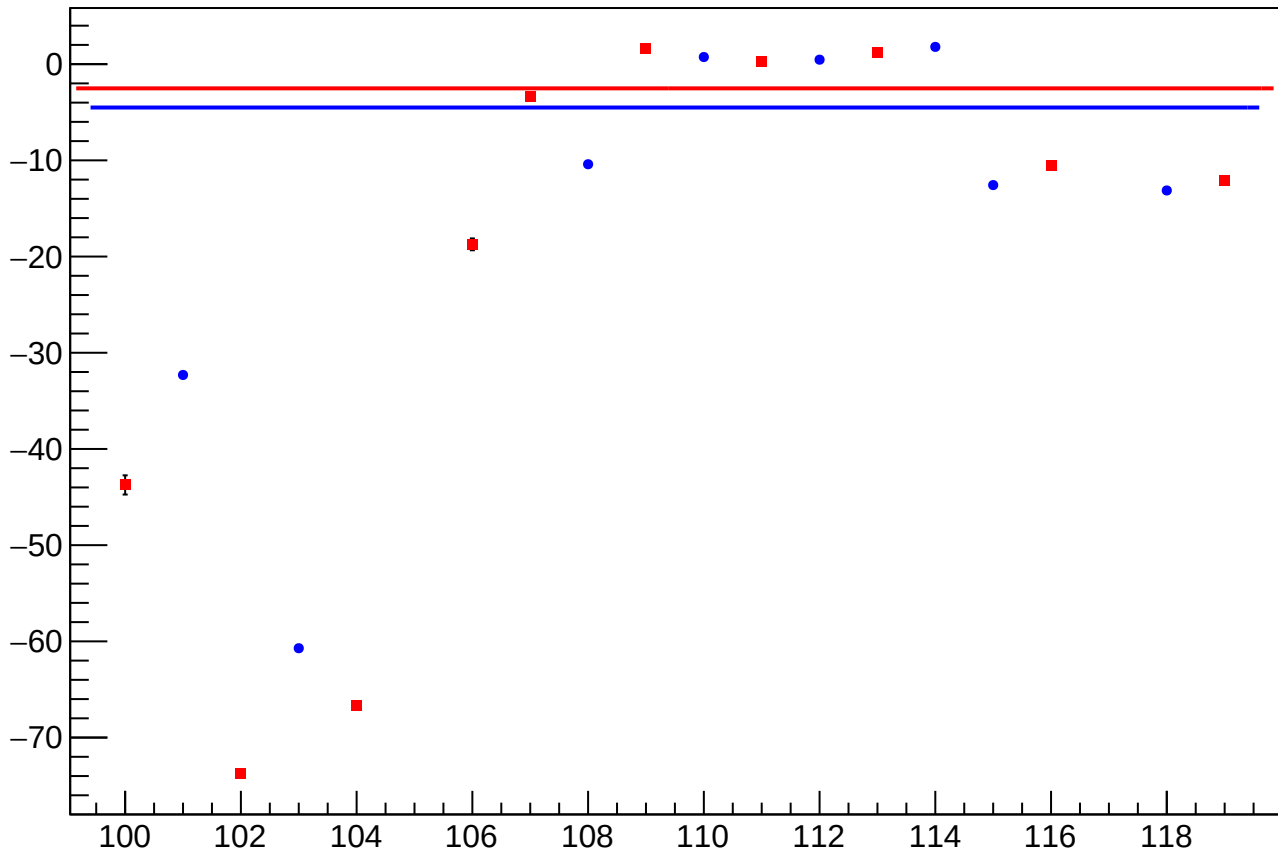
Right: -0.105 ± 0.004 χ^2/NDF : 17097.5/17

In: -0.140 ± 0.006 χ^2/NDF : 6493.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.105 ± 0.004 χ^2/NDF : 17097.5/17

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.508+/-0.072 χ^2/NDF : 30560.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.516+/-0.056 χ^2/NDF : 49182.2/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

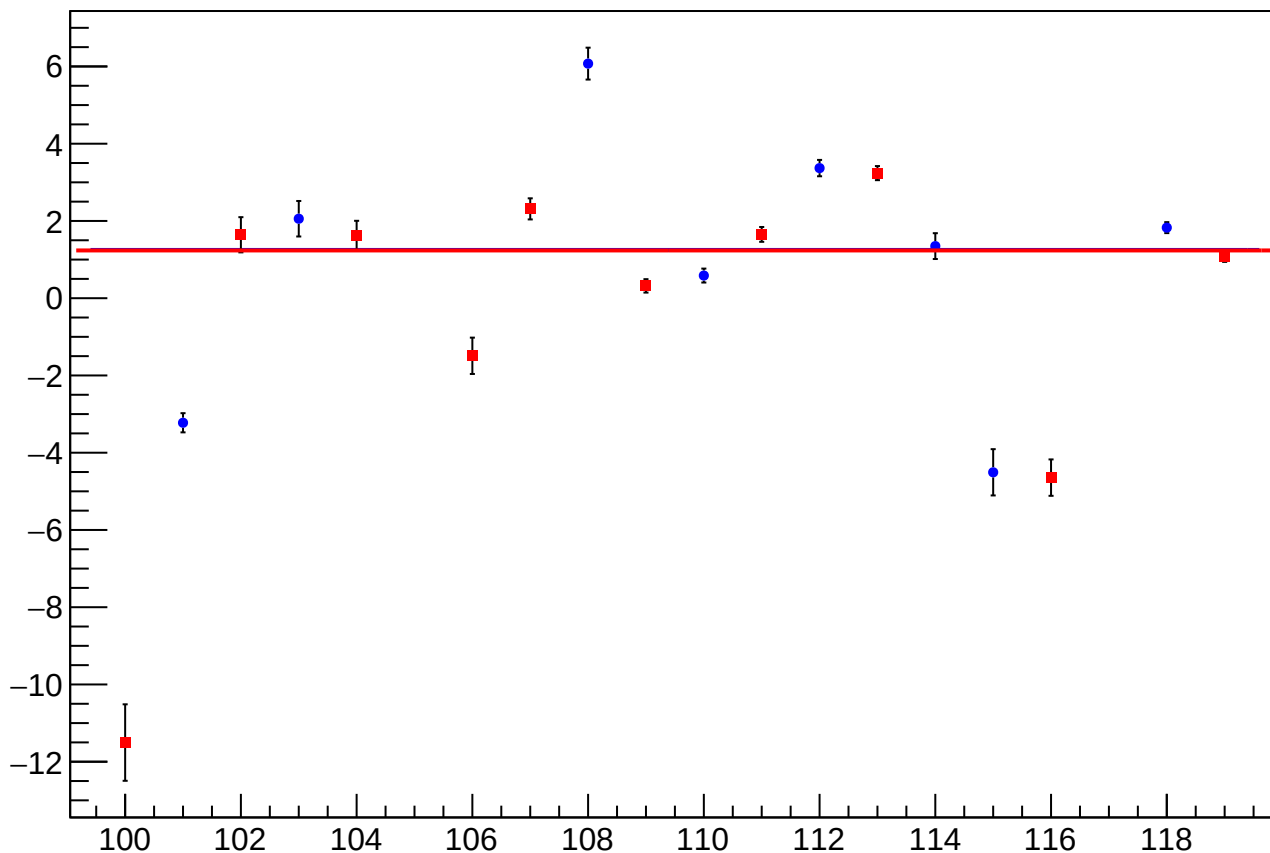
Right: -3.278+/-0.044 χ^2/NDF : 80221.2/17

In: -4.508+/-0.072 χ^2/NDF :30560.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.278+/-0.044 χ^2/NDF : 80221.2/17

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.249+/-0.084 χ^2/NDF : 687.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.237+/-0.075 χ^2/NDF : 526.5/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

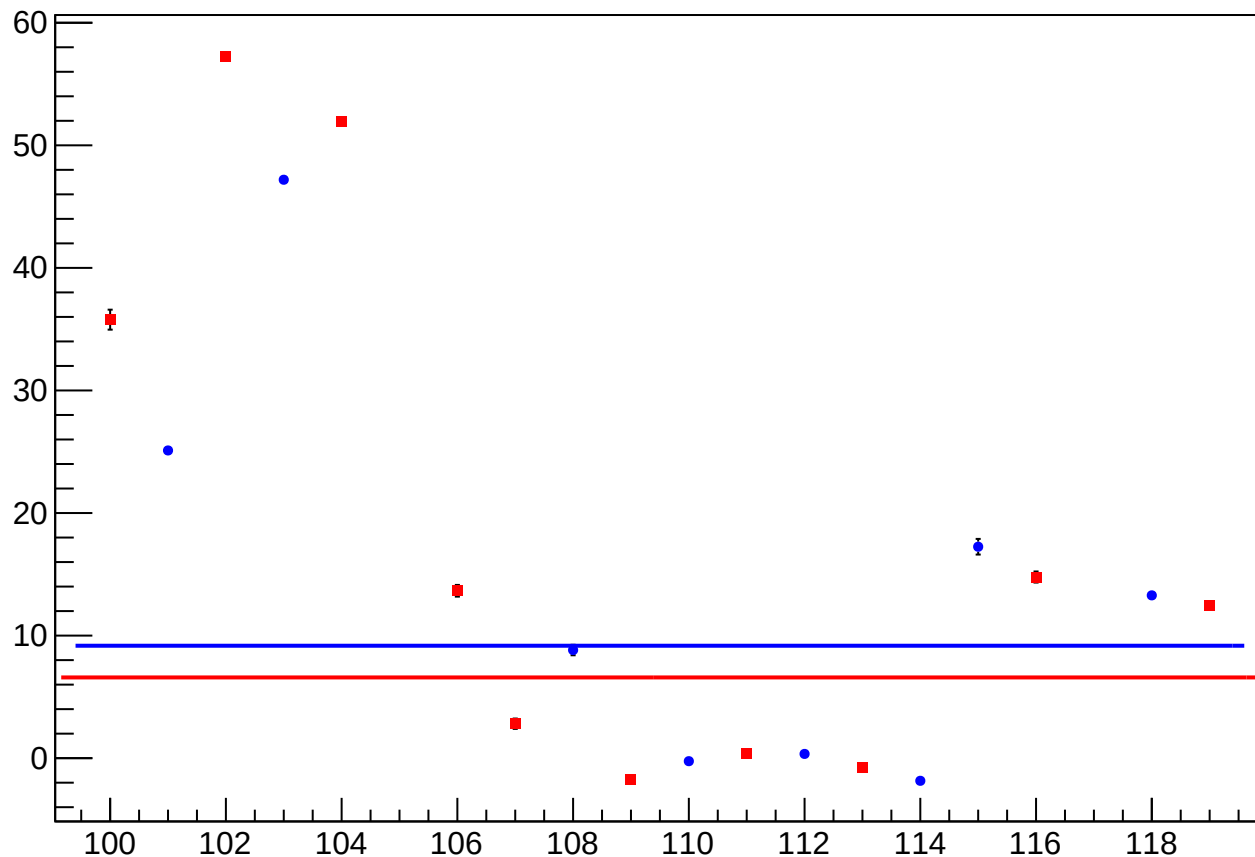
Right: 1.242+/-0.056 χ^2/NDF : 1213.5/17

In: 1.249+/-0.084 χ^2/NDF : 687.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.242+/-0.056 χ^2/NDF : 1213.5/17

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 9.173+/-0.089 χ^2/NDF : 23463.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.587+/-0.076 χ^2/NDF : 42510.2/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

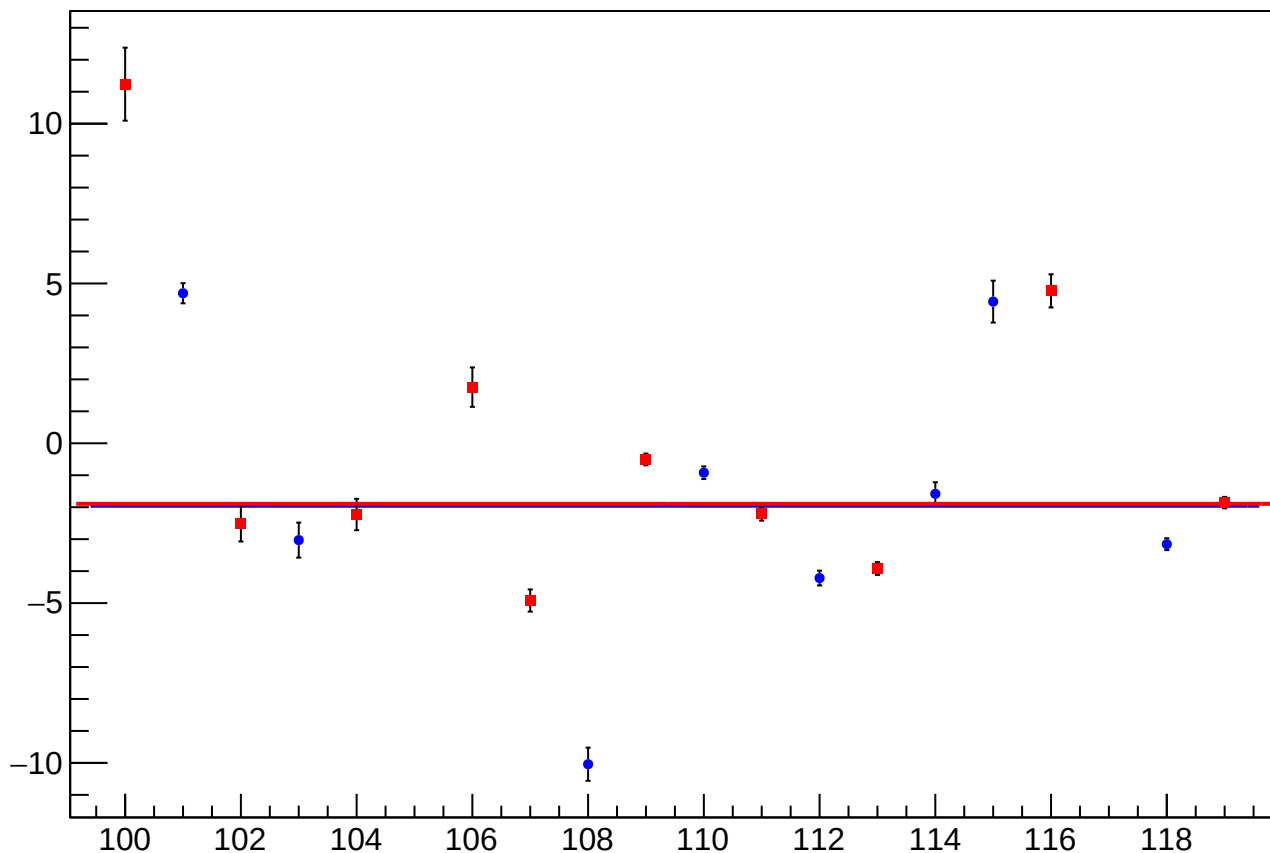
Right: 7.674+/-0.058 χ^2/NDF : 66459.4/17

In: 9.173+/-0.089 χ^2/NDF : 23463.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.674+/-0.058 χ^2/NDF : 66459.4/17

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.954+/-0.100 χ^2/NDF : 952.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.894+/-0.087 χ^2/NDF : 571.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

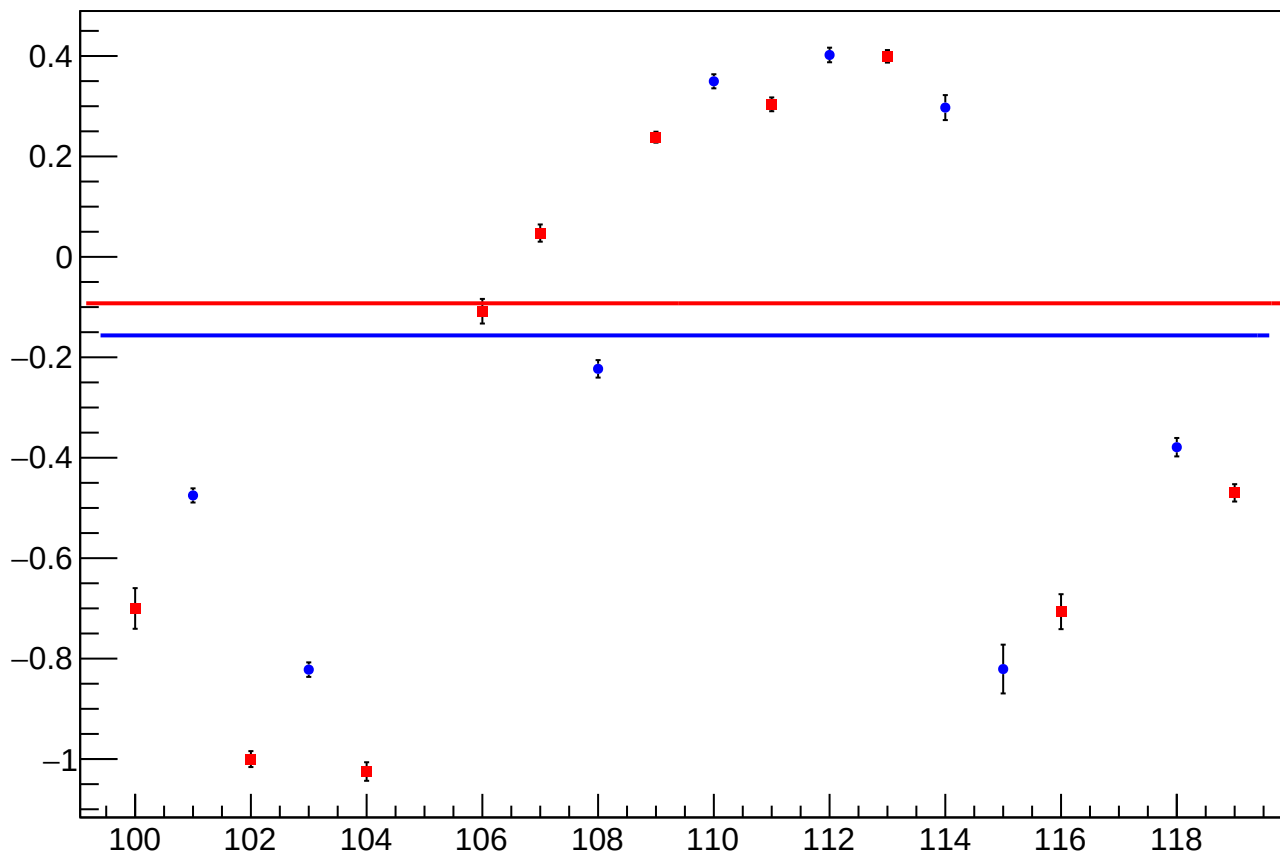
Right: -1.920+/-0.066 χ^2/NDF : 1524.4/17

In: -1.954+/-0.100 χ^2/NDF : 952.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.920+/-0.066 χ^2/NDF : 1524.4/17

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.156 ± 0.006 χ^2/NDF : 6084.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.092 ± 0.005 χ^2/NDF : 10197.3/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

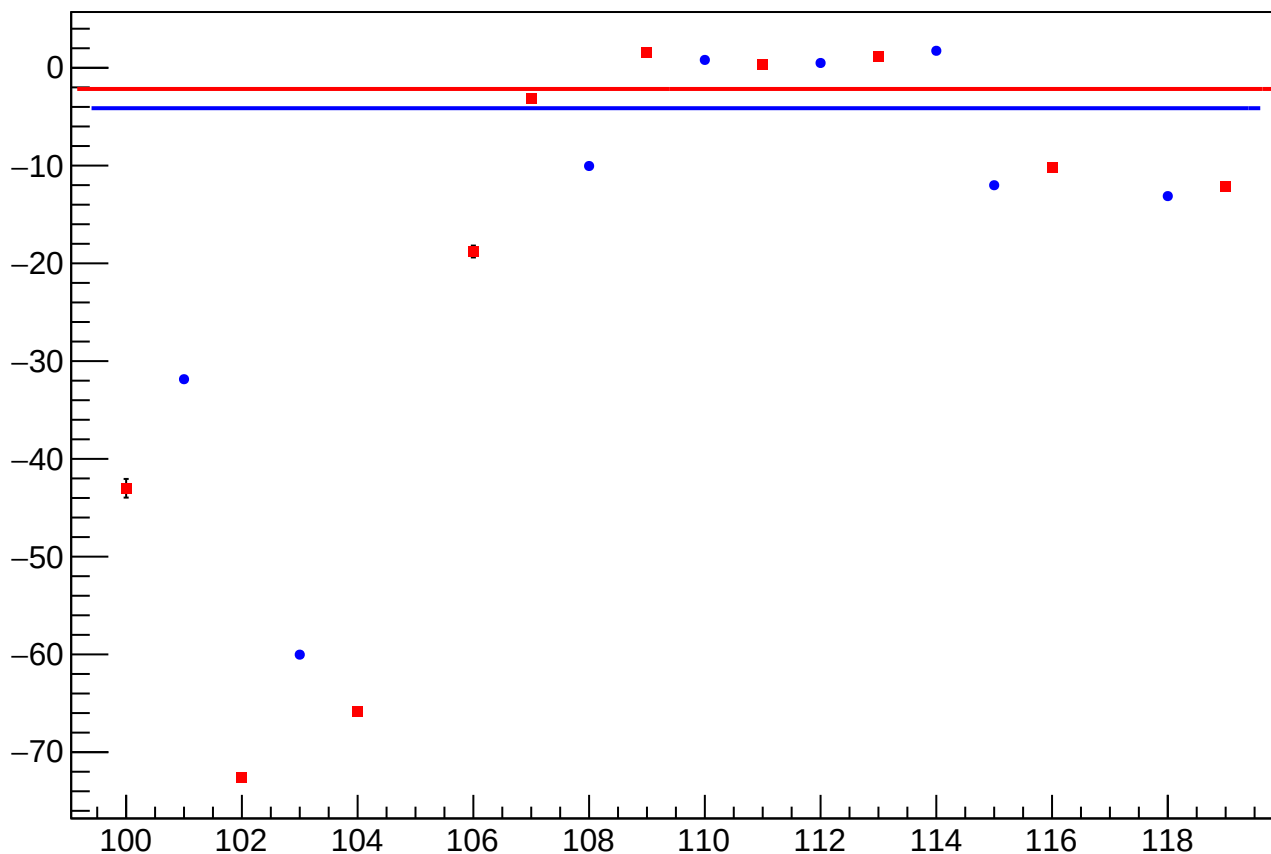
Right: -0.120 ± 0.004 χ^2/NDF : 16346.9/17

In: -0.156 ± 0.006 χ^2/NDF : 6084.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.120 ± 0.004 χ^2/NDF : 16346.9/17

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.131+/-0.068 χ^2/NDF : 31871.6/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.163+/-0.053 χ^2/NDF : 50711.1/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

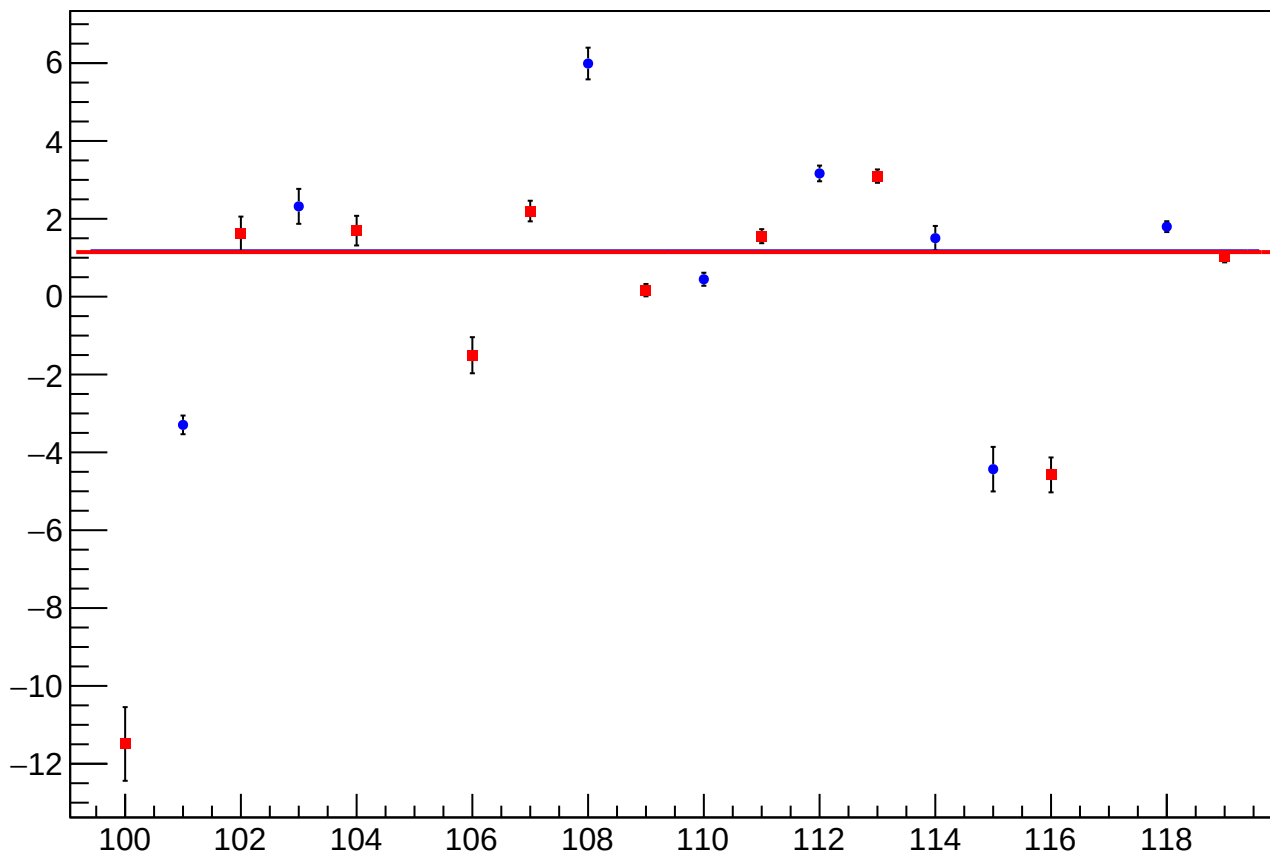
Right: -2.905+/-0.042 χ^2/NDF : 83109.3/17

In: -4.131+/-0.068 χ^2/NDF :31871.6/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.905+/-0.042 χ^2/NDF : 83109.3/17

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.165+/-0.081 χ^2/NDF : 727.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.145+/-0.072 χ^2/NDF : 566.6/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

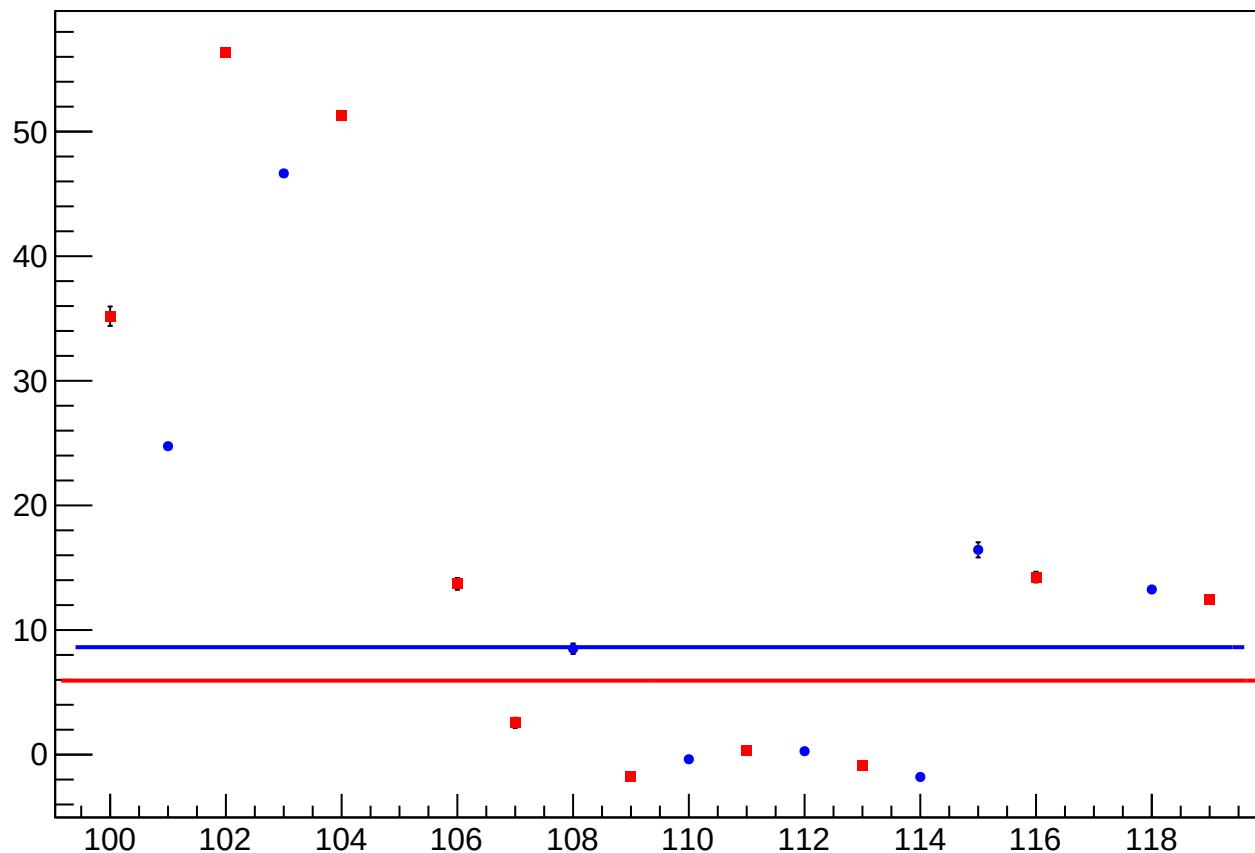
Right: 1.154+/-0.054 χ^2/NDF : 1293.7/17

In: 1.165+/-0.081 χ^2/NDF : 727.1/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.154+/-0.054 χ^2/NDF : 1293.7/17

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.623+/-0.085 χ^2/NDF : 24756.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.941+/-0.072 χ^2/NDF : 44307.9/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

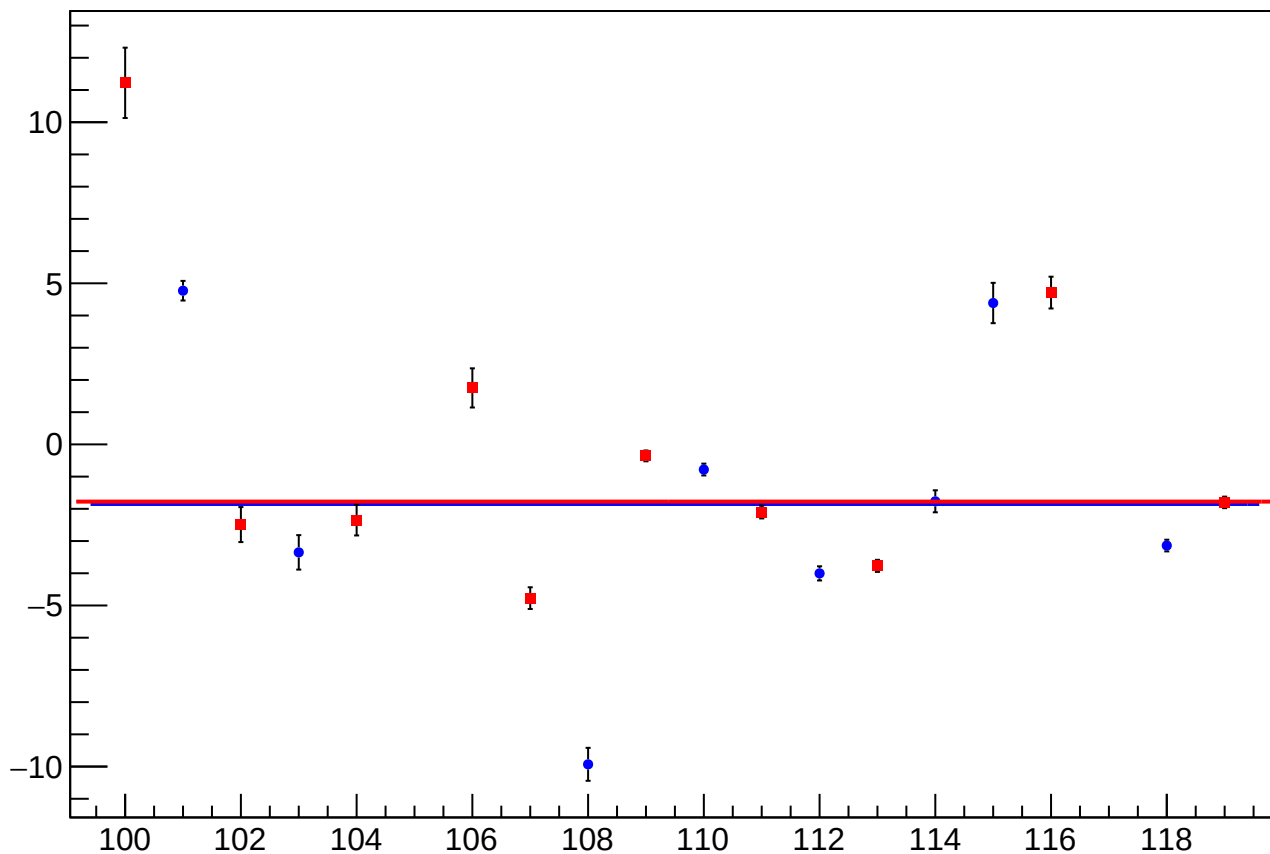
Right: 7.056+/-0.055 χ^2/NDF : 69644.1/17

In: 8.623+/-0.085 χ^2/NDF : 24756.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.056+/-0.055 χ^2/NDF : 69644.1/17

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.849+/-0.095 χ^2/NDF : 1008.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.776+/-0.083 χ^2/NDF : 617.7/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

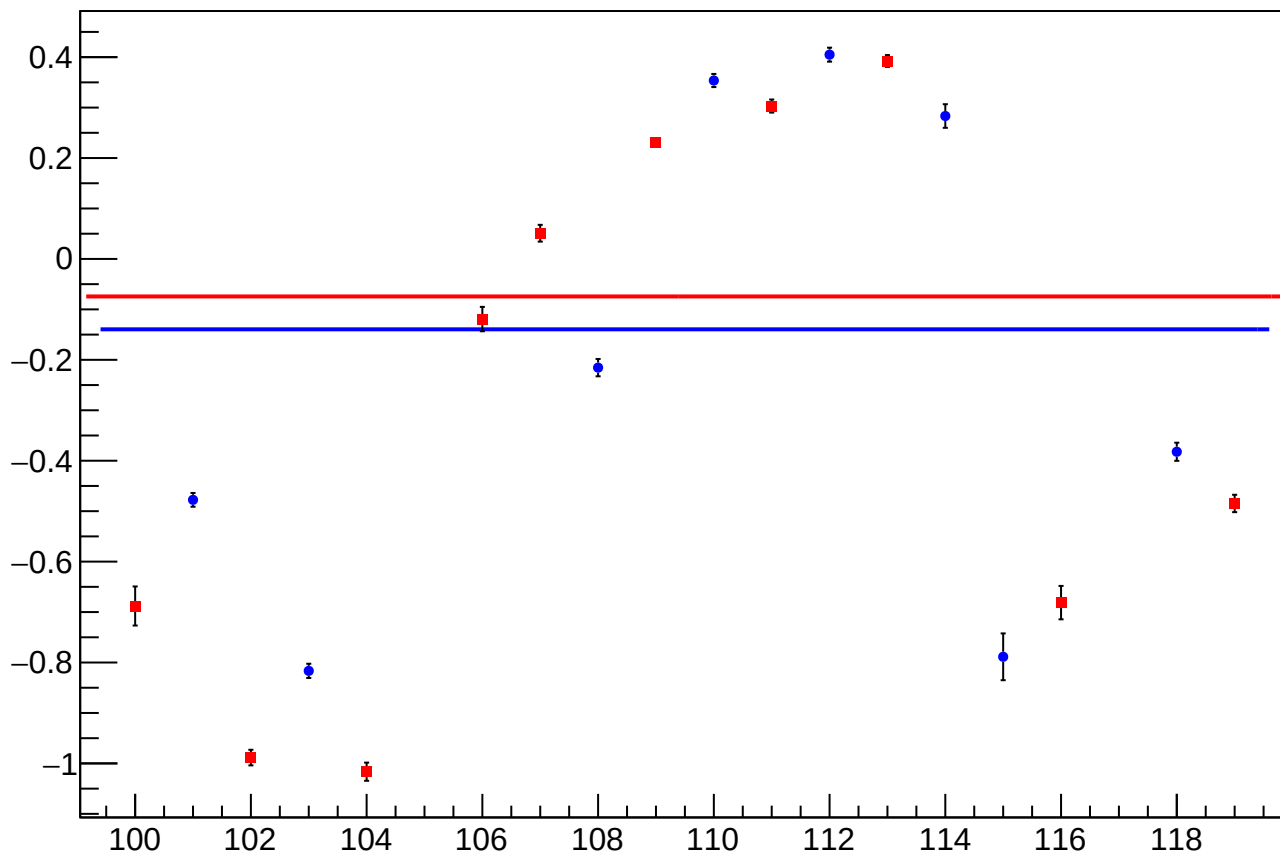
Right: -1.807+/-0.063 χ^2/NDF : 1626.9/17

In: -1.849+/-0.095 χ^2/NDF : 1008.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.807+/-0.063 χ^2/NDF : 1626.9/17

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.140+/-0.006 χ^2/NDF : 6618.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.074+/-0.005 χ^2/NDF : 10790.3/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

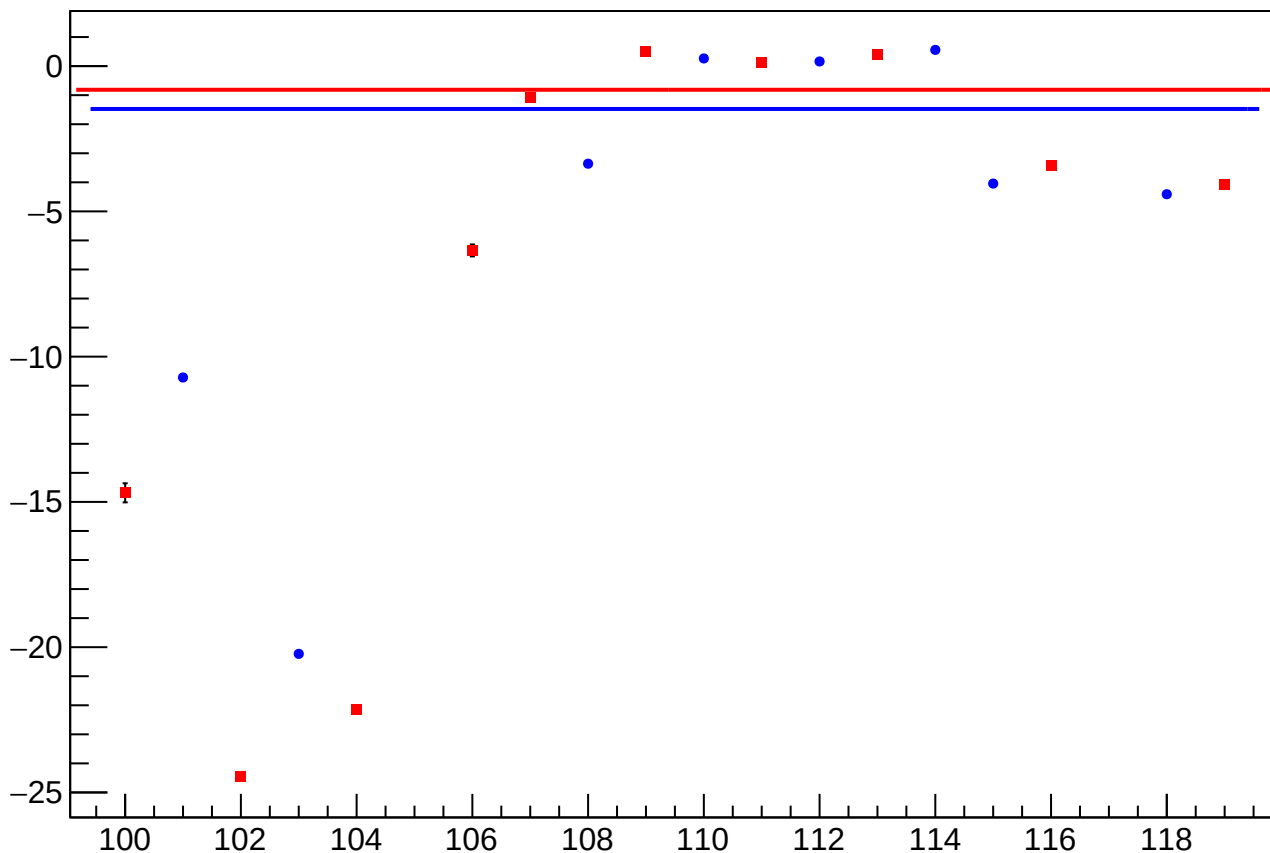
Right: -0.102+/-0.004 χ^2/NDF : 17482.3/17

In: -0.140+/-0.006 χ^2/NDF :6618.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.102+/-0.004 χ^2/NDF : 17482.3/17

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.475+/-0.023 χ^2/NDF : 31186.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.815+/-0.018 χ^2/NDF : 49819.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

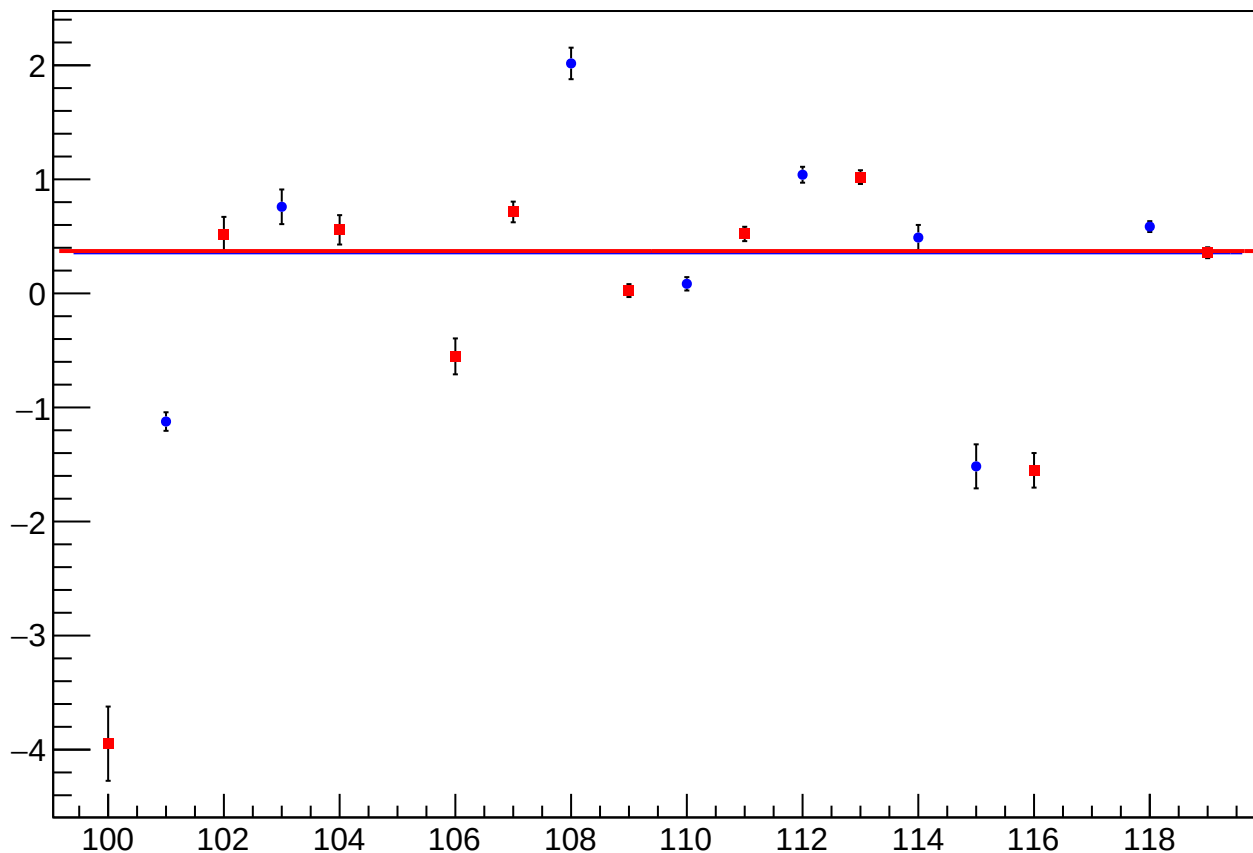
Right: -1.067+/-0.015 χ^2/NDF : 81493.9/17

In: -1.475+/-0.023 χ^2/NDF : 31186.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.067+/-0.015 χ^2/NDF : 81493.9/17

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.360+/-0.028 χ^2/NDF : 719.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.371+/-0.025 χ^2/NDF : 548.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

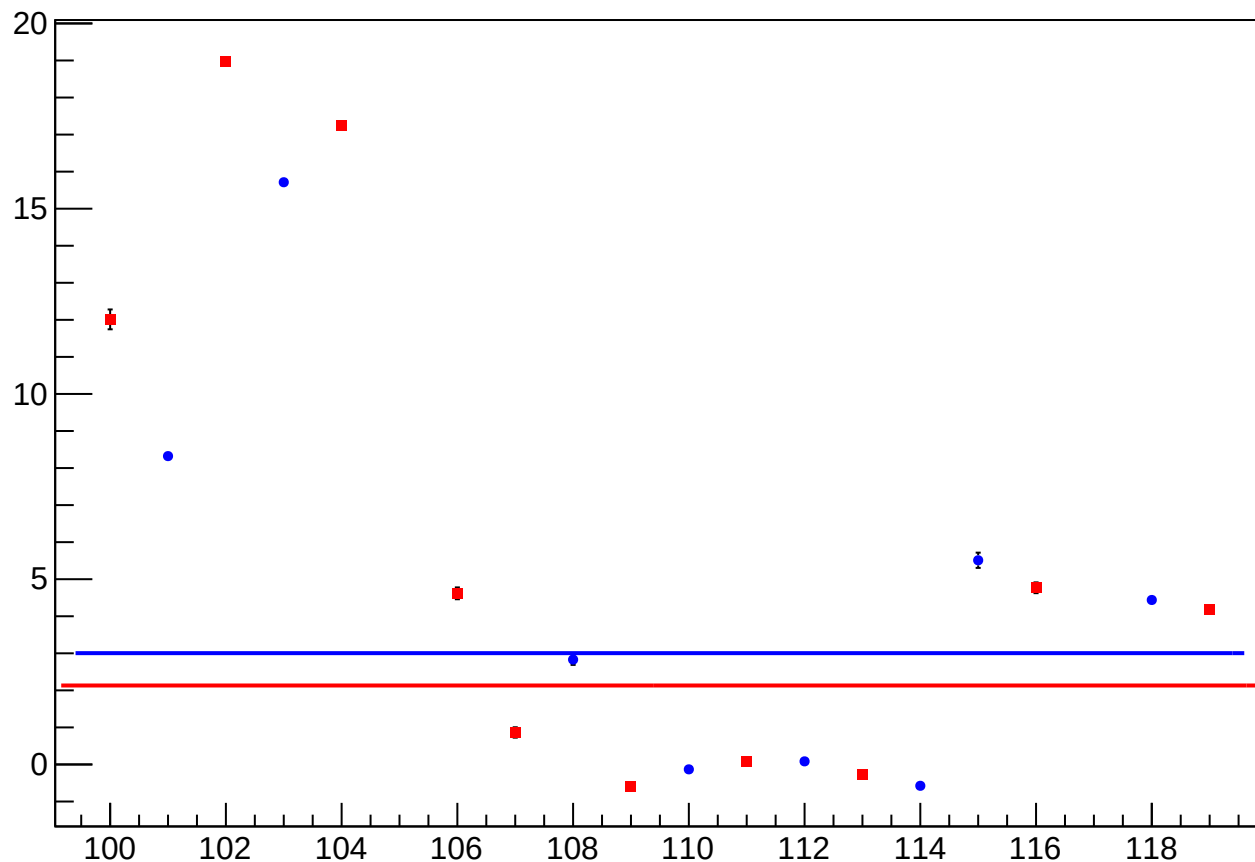
Right: 0.366+/-0.019 χ^2/NDF : 1267.4/17

In: 0.360+/-0.028 χ^2/NDF : 719.2/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.366+/-0.019 χ^2/NDF : 1267.4/17

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.004+/-0.029 χ^2/NDF : 24057.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.131+/-0.025 χ^2/NDF : 43276.8/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

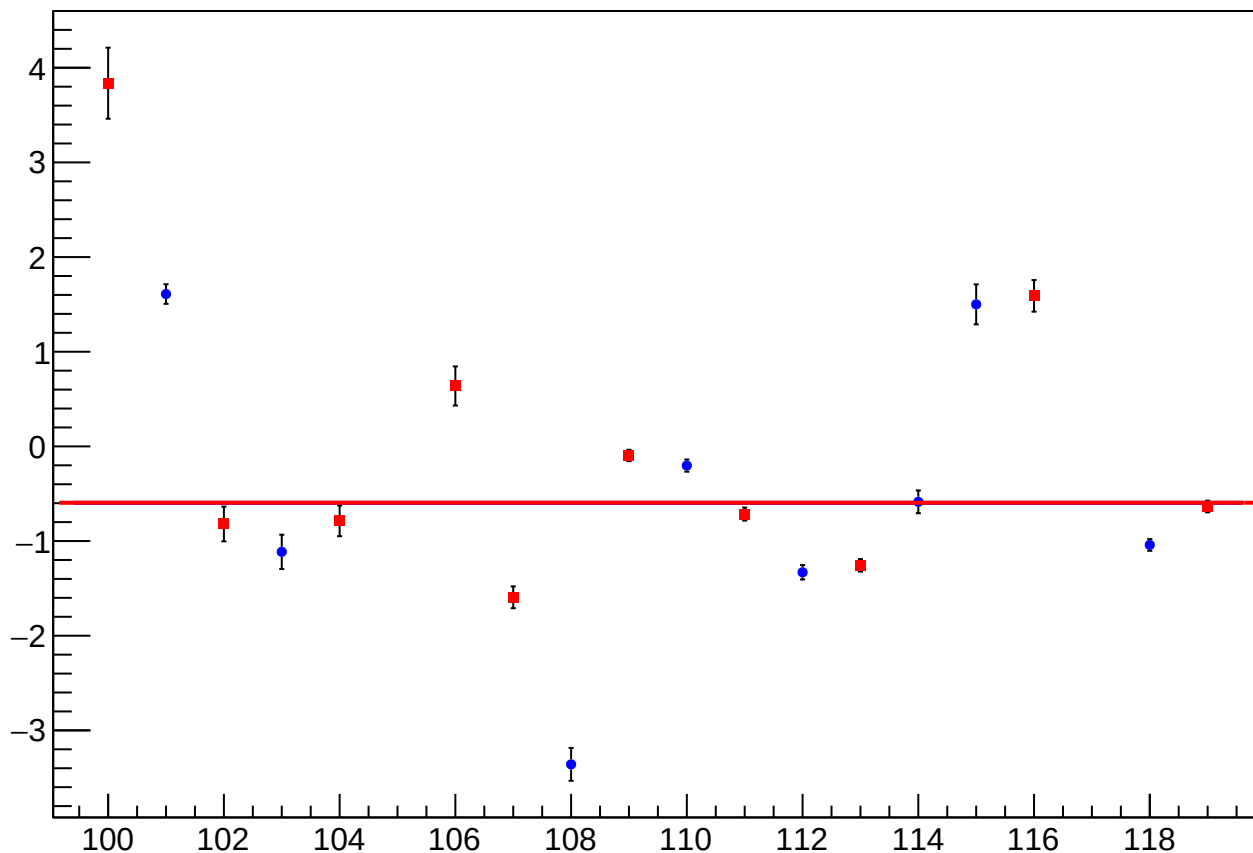
Right: 2.499+/-0.019 χ^2/NDF : 67844.4/17

In: 3.004+/-0.029 χ^2/NDF :24057.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.499+/-0.019 χ^2/NDF : 67844.4/17

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.596 ± 0.033 χ^2/NDF : 997.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.595 ± 0.029 χ^2/NDF : 598.4/9

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

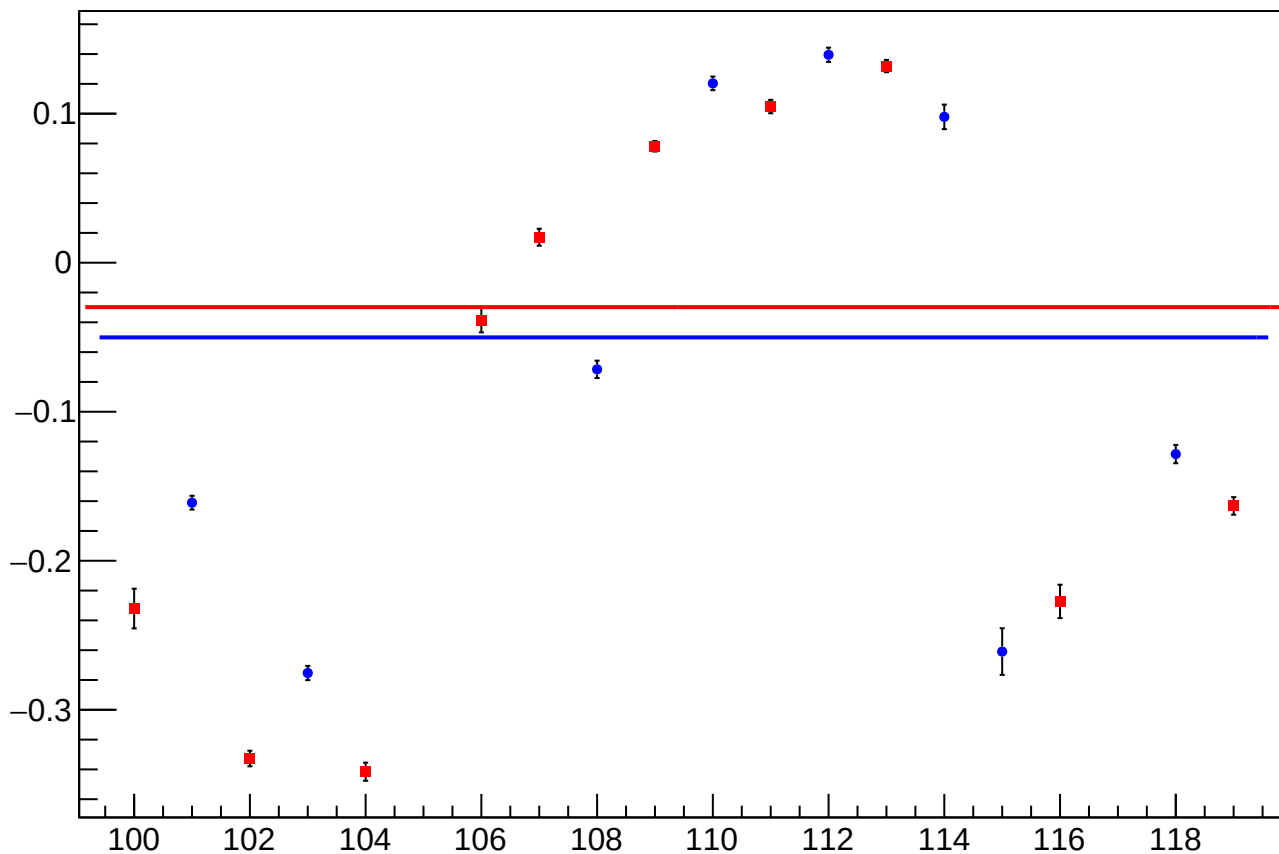
Right: -0.596 ± 0.022 χ^2/NDF : 1596.0/17

In: -0.596 ± 0.033 χ^2/NDF : 997.6/7

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.596 ± 0.022 χ^2/NDF : 1596.0/17

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.050+/-0.002 χ^2/NDF : 6436.4/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.030+/-0.002 χ^2/NDF : 10435.5/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

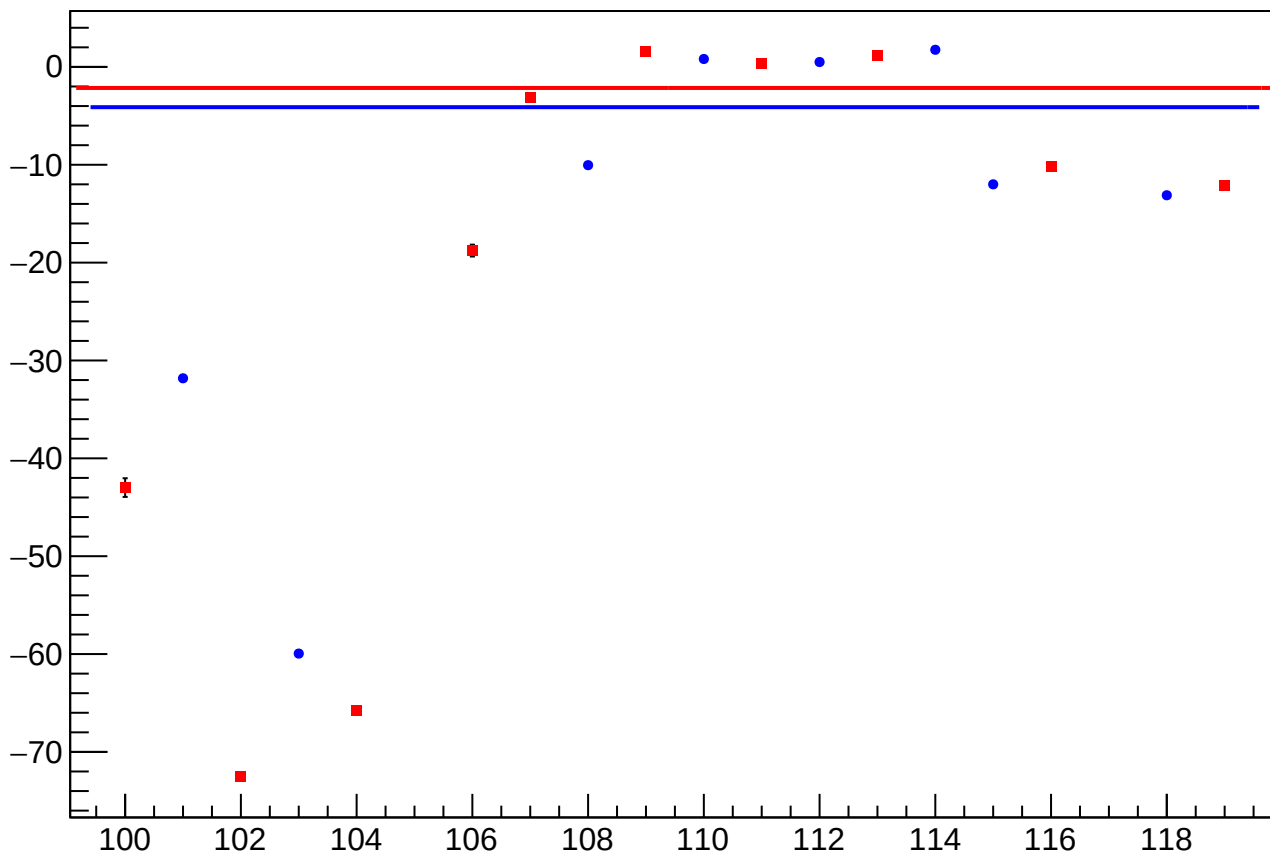
Right: -0.039+/-0.001 χ^2/NDF : 16932.2/17

In: -0.050+/-0.002 χ^2/NDF :6436.4/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.039+/-0.001 χ^2/NDF : 16932.2/17

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.115+/-0.068 χ^2/NDF : 31884.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.150+/-0.053 χ^2/NDF : 50729.3/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

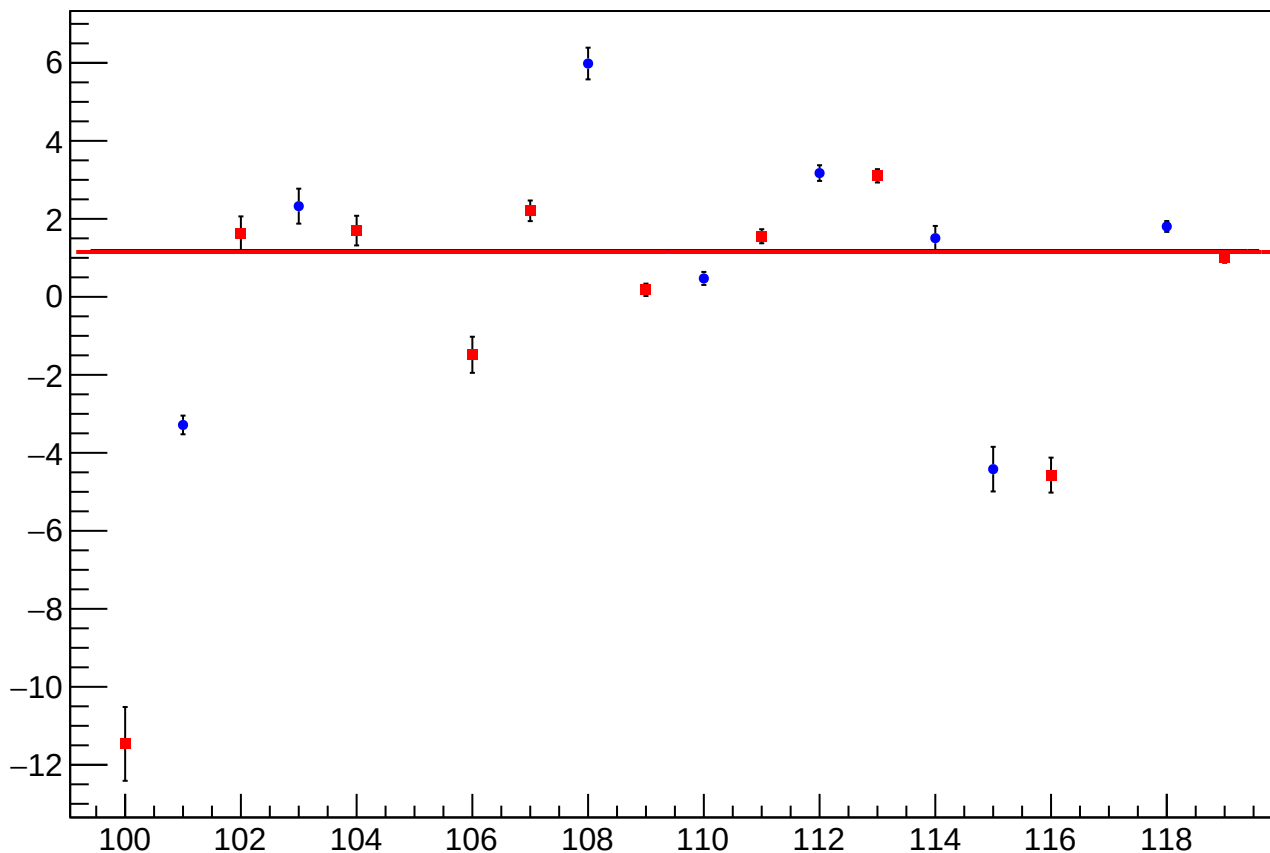
Right: -2.891+/-0.042 χ^2/NDF : 83140.2/17

In: -4.115+/-0.068 χ^2/NDF : 31884.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.891+/-0.042 χ^2/NDF : 83140.2/17

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.176+/-0.081 χ^2/NDF : 726.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.150+/-0.072 χ^2/NDF : 566.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

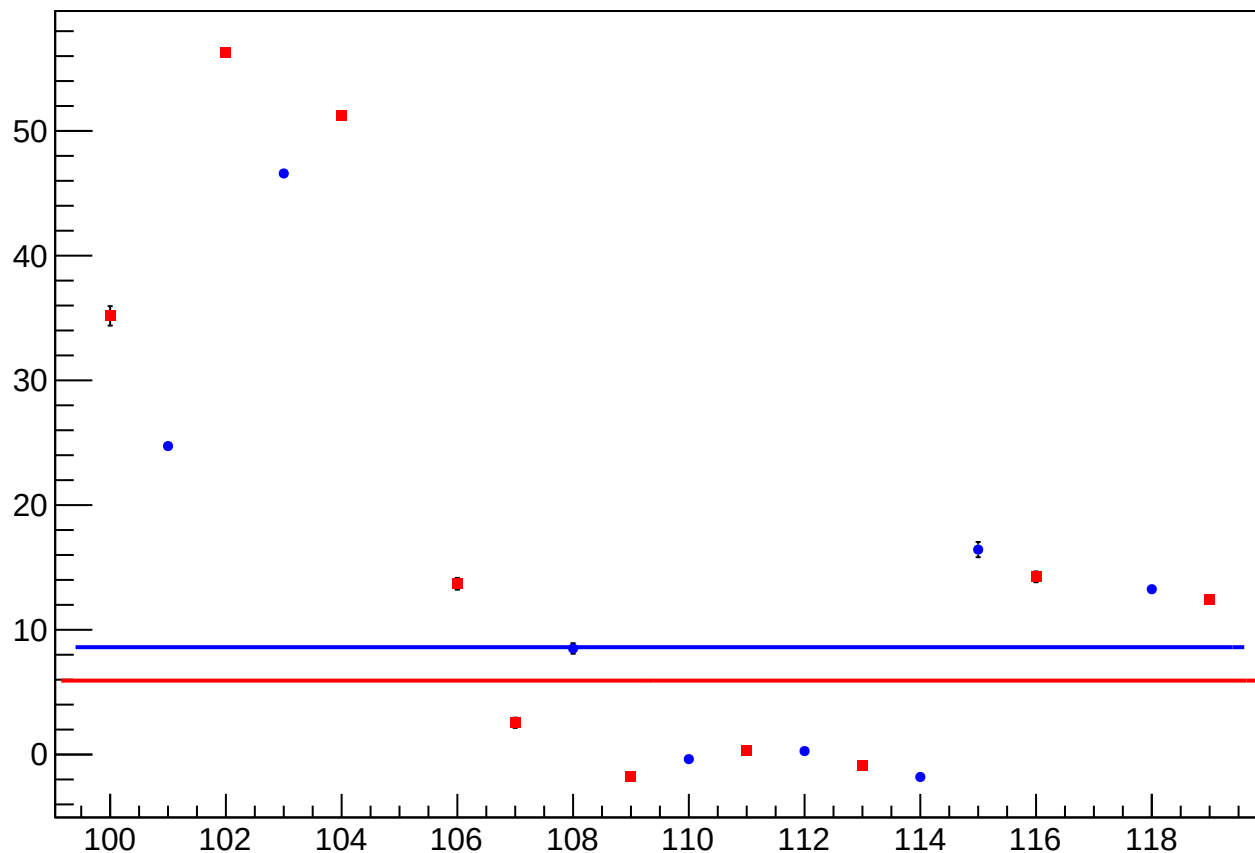
Right: 1.162+/-0.054 χ^2/NDF : 1292.4/17

In: 1.176+/-0.081 χ^2/NDF : 726.3/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.162+/-0.054 χ^2/NDF : 1292.4/17

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 8.605+/-0.085 χ^2/NDF : 24771.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.926+/-0.072 χ^2/NDF : 44327.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

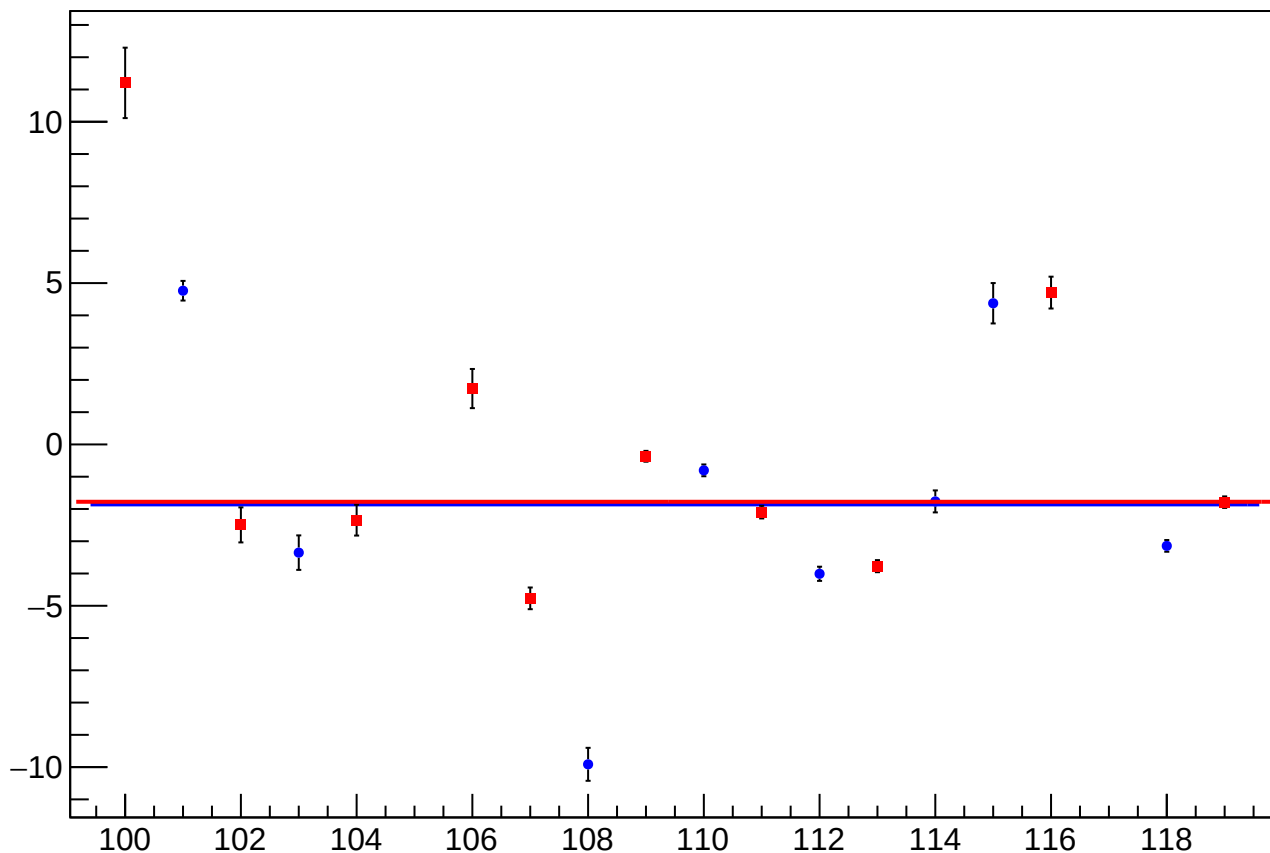
Right: 7.039+/-0.055 χ^2/NDF : 69679.6/17

In: 8.605+/-0.085 χ^2/NDF : 24771.5/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.039+/-0.055 χ^2/NDF : 69679.6/17

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.858+/-0.095 χ^2/NDF : 1007.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.777+/-0.083 χ^2/NDF : 616.8/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

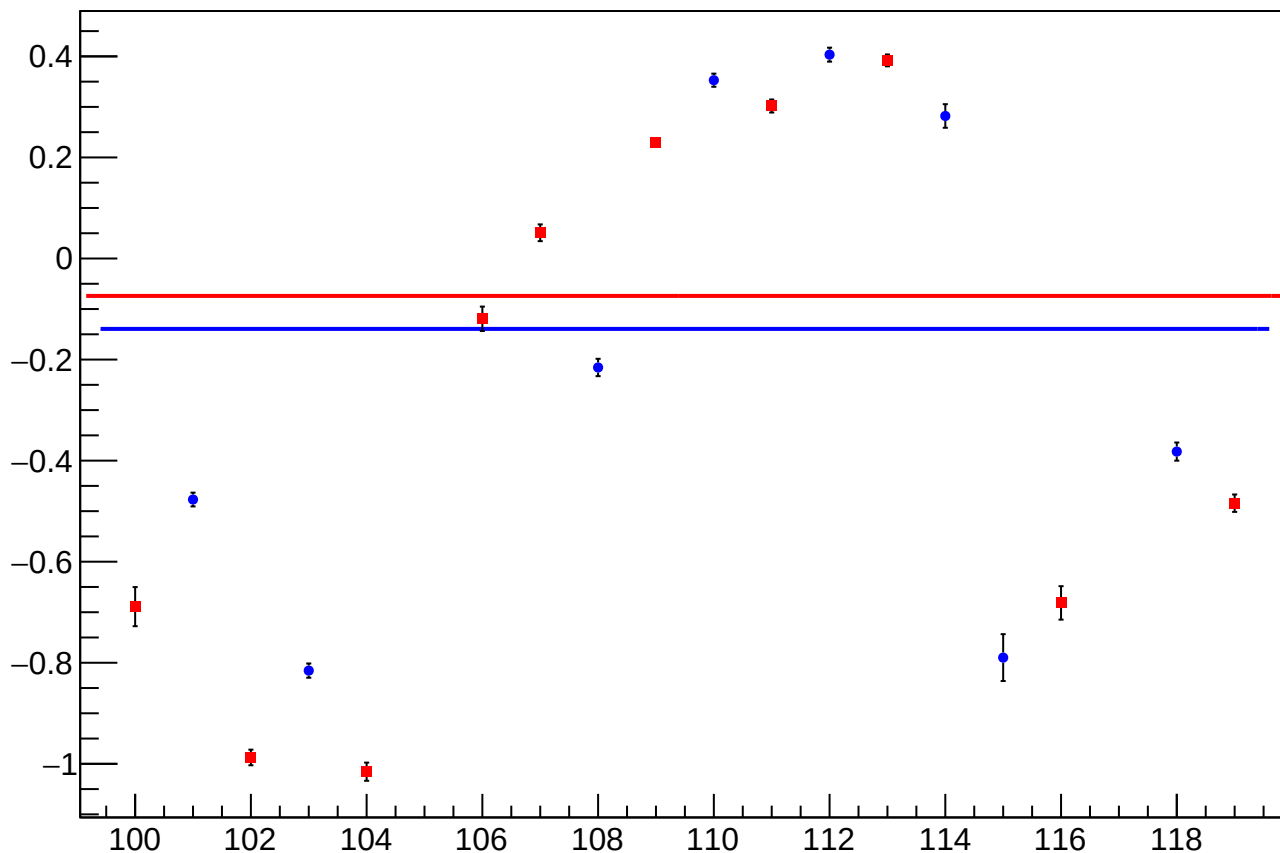
Right: -1.812+/-0.063 χ^2/NDF : 1625.1/17

In: -1.858+/-0.095 χ^2/NDF : 1007.9/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.812+/-0.063 χ^2/NDF : 1625.1/17

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.139+/-0.006 χ^2/NDF : 6614.3/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.074+/-0.005 χ^2/NDF : 10794.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

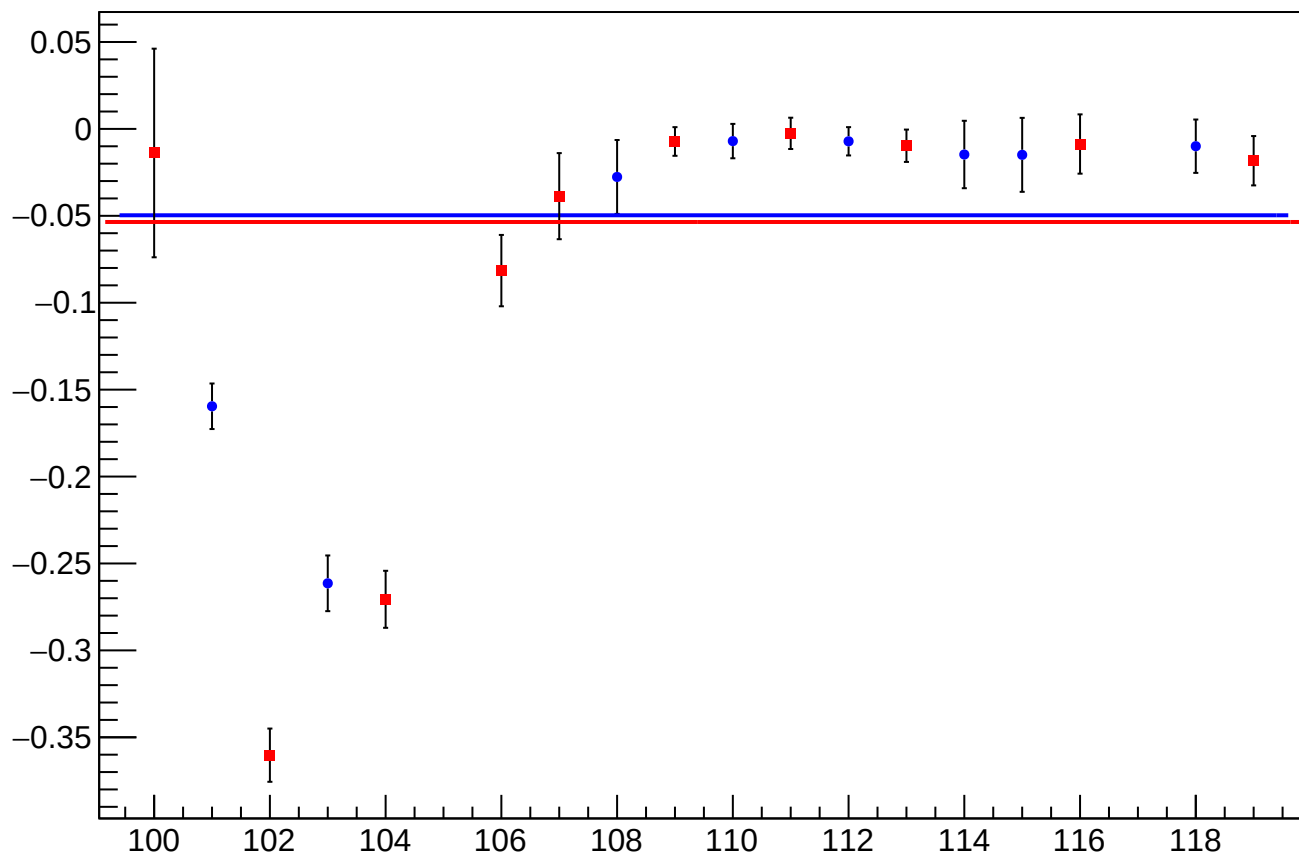
Right: -0.102+/-0.004 χ^2/NDF : 17483.3/17

In: -0.139+/-0.006 χ^2/NDF :6614.3/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.102+/-0.004 χ^2/NDF : 17483.3/17

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.050+/-0.005 χ^2/NDF : 304.7/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.054+/-0.004 χ^2/NDF : 678.0/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

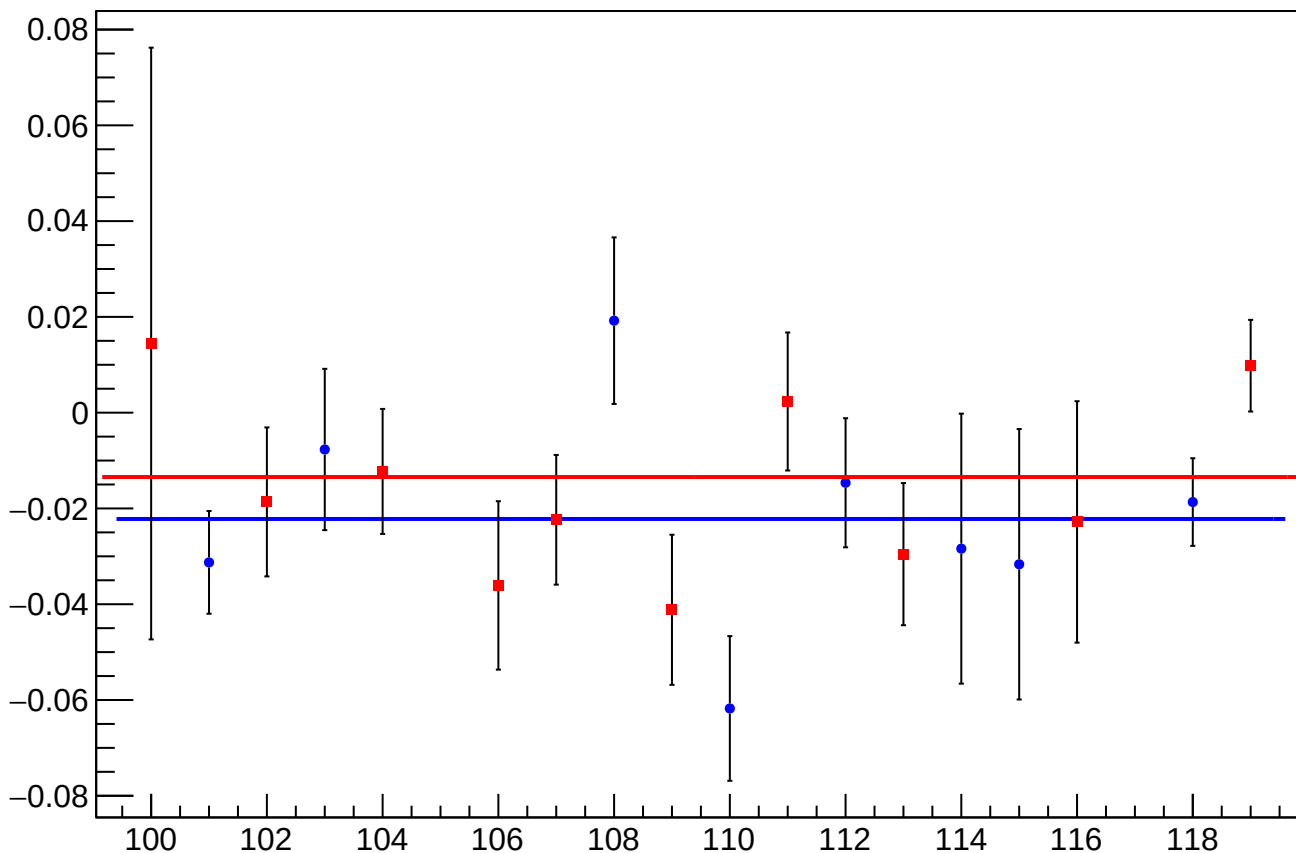
Right: -0.052+/-0.003 χ^2/NDF : 983.2/17

In: -0.050+/-0.005 χ^2/NDF :304.7/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.052+/-0.003 χ^2/NDF : 983.2/17

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.022 $\pm$ 0.005 χ^2 /NDF: 14.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.005 χ^2 /NDF: 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

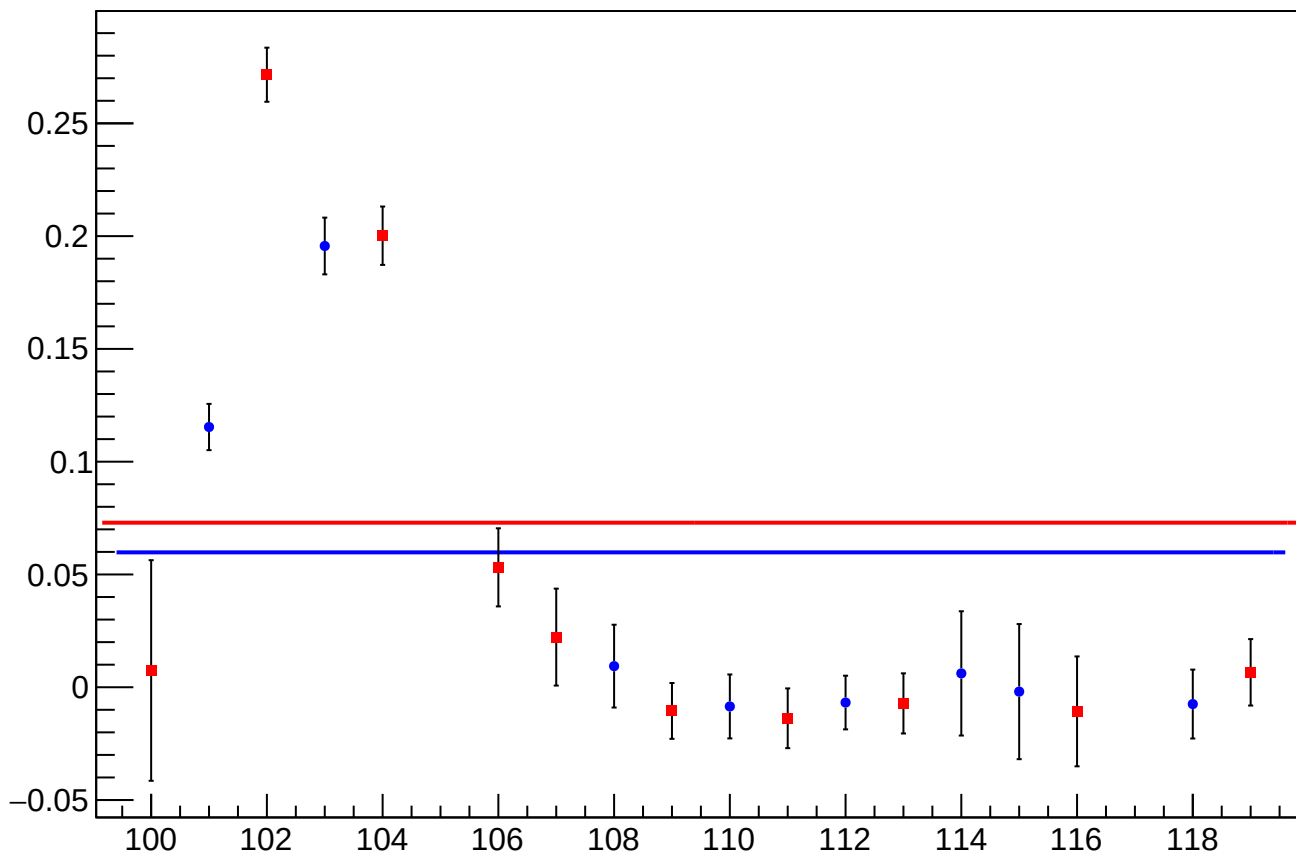
Right: -0.018 $\pm$ 0.003 χ^2 /NDF: 30.2/17

In: -0.022 $\pm$ 0.005 χ^2 /NDF:14.6/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.003 χ^2 /NDF: 30.2/17

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.060+/-0.005 χ^2/NDF : 235.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.005 χ^2/NDF : 536.1/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

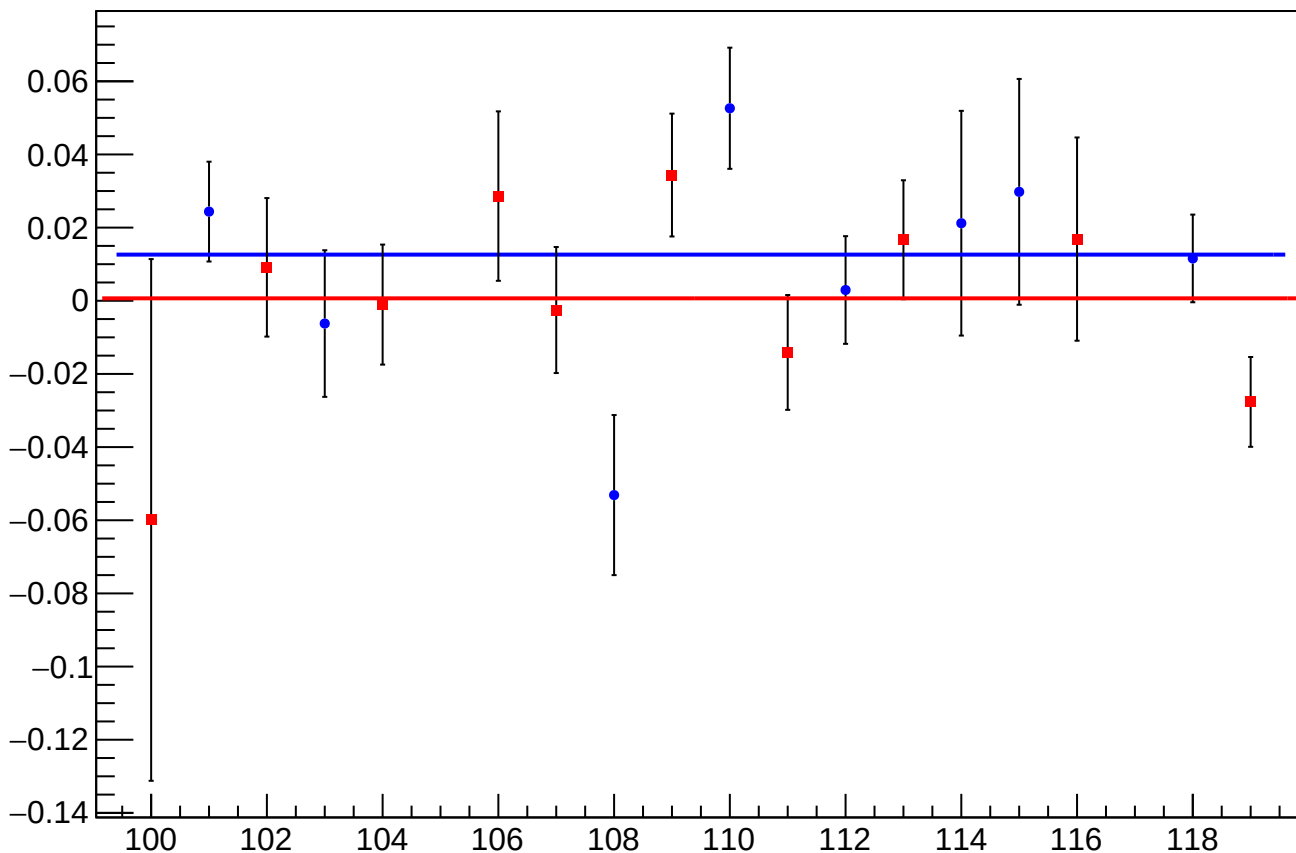
Right: 0.067+/-0.004 χ^2/NDF : 775.1/17

In: 0.060+/-0.005 χ^2/NDF : 235.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.004 χ^2/NDF : 775.1/17

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.013 $\pm$ 0.006 χ^2 /NDF: 17.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.006 χ^2 /NDF: 14.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

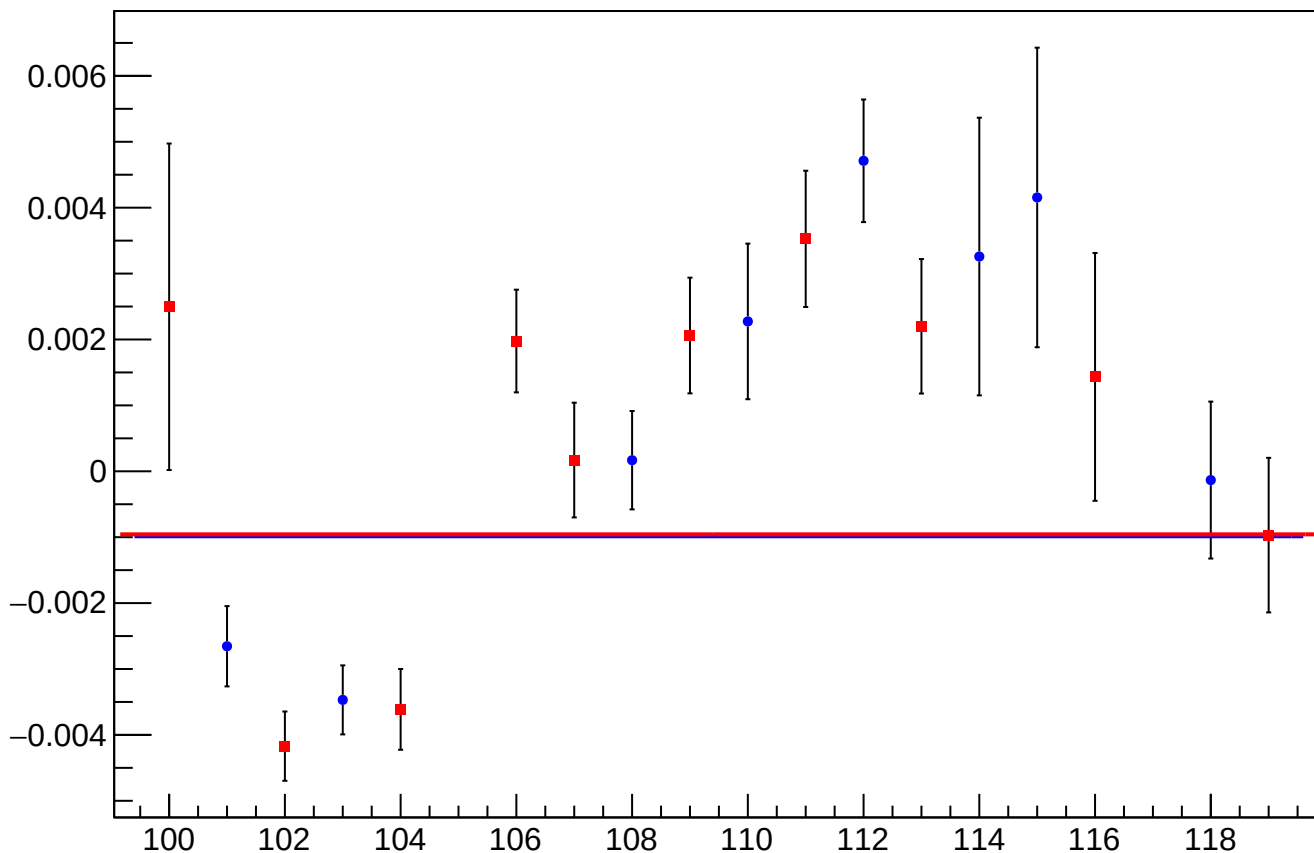
Right: 0.006 $\pm$ 0.004 χ^2 /NDF: 33.4/17

In: 0.013 $\pm$ 0.006 χ^2 /NDF:17.3/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.004 χ^2 /NDF: 33.4/17

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 87.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 115.7/9

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

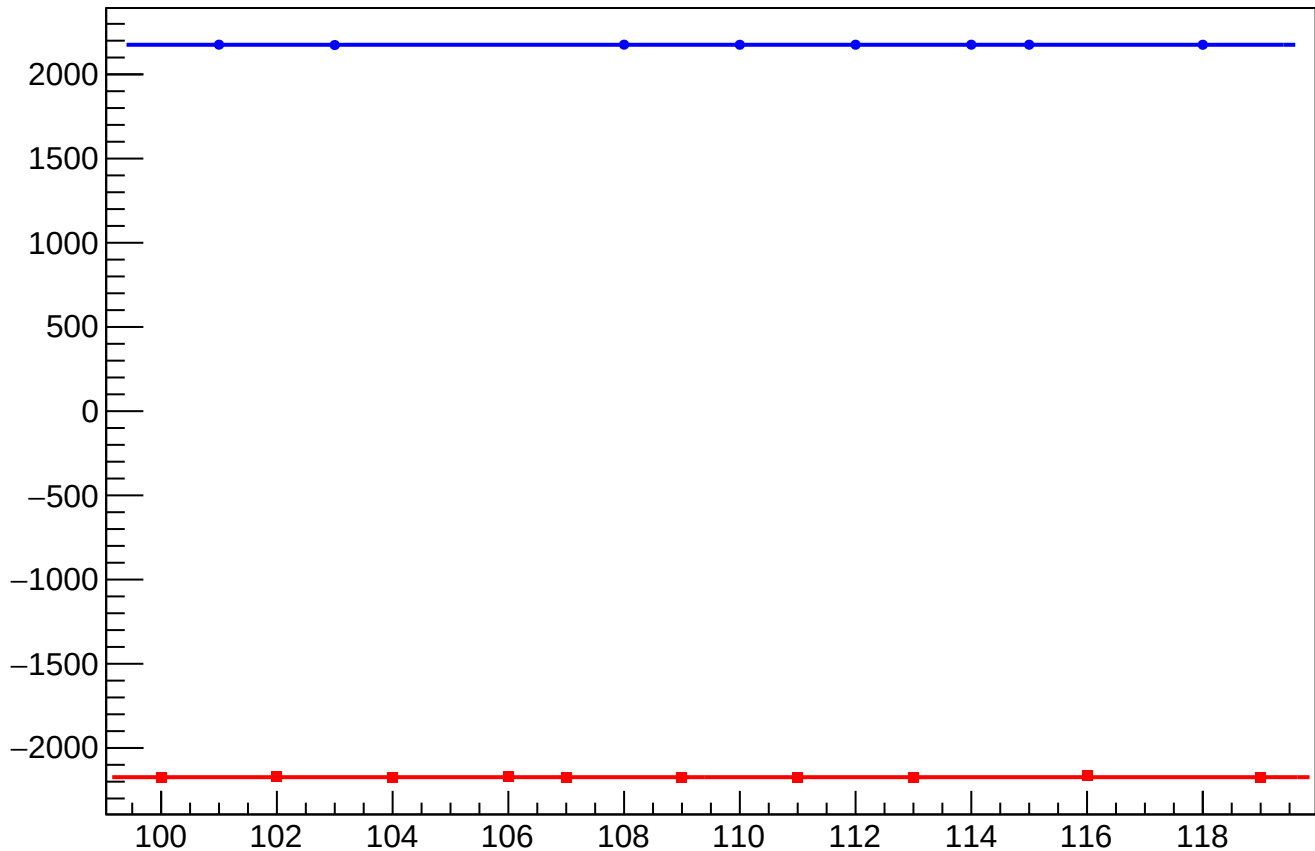
Right: -0.001+/-0.000 χ^2/NDF : 202.9/17

In: -0.001+/-0.000 χ^2/NDF :87.2/7

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

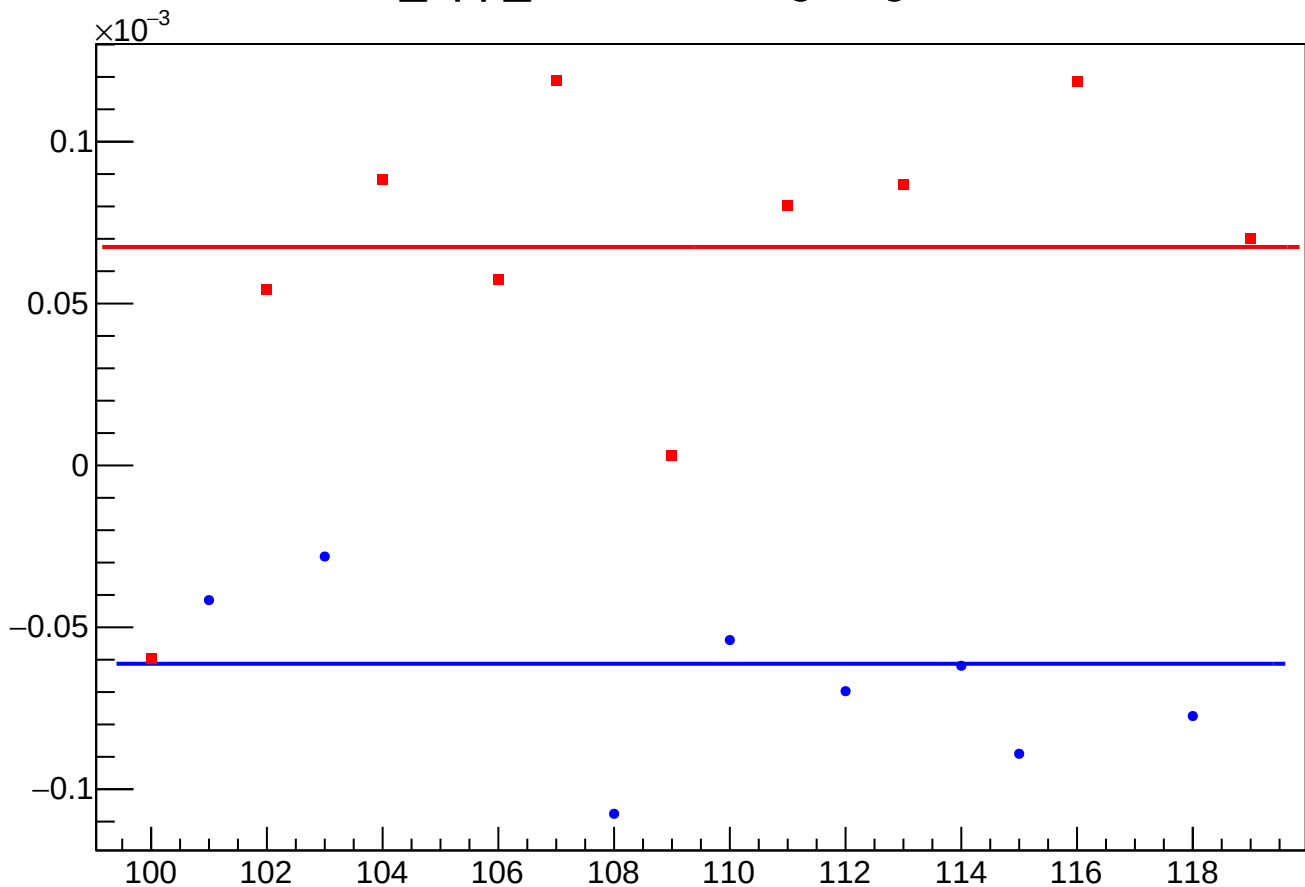
All: -0.001+/-0.000 χ^2/NDF : 202.9/17

HALLA_p_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: -235.387+/-0.000 χ^2/NDF : 35652863976306
Right In: 2175.714+/-0.000 χ^2/NDF : 211440197434731508202998329245696.0/7
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
In: 2175.714+/-0.000 χ^2/NDF : 2114401974347315
Right Out: -2173.388+/-0.000 χ^2/NDF : 4144899385795185526230129800380416.0/9
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -235.387+/-0.000 χ^2/NDF : 35652863976

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 213217448145664046268416.0/7

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 38648932108800997

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 527953631295737356615680.0/9

In: -0.000+/-0.000

χ^2/NDF : 213217448145664046

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

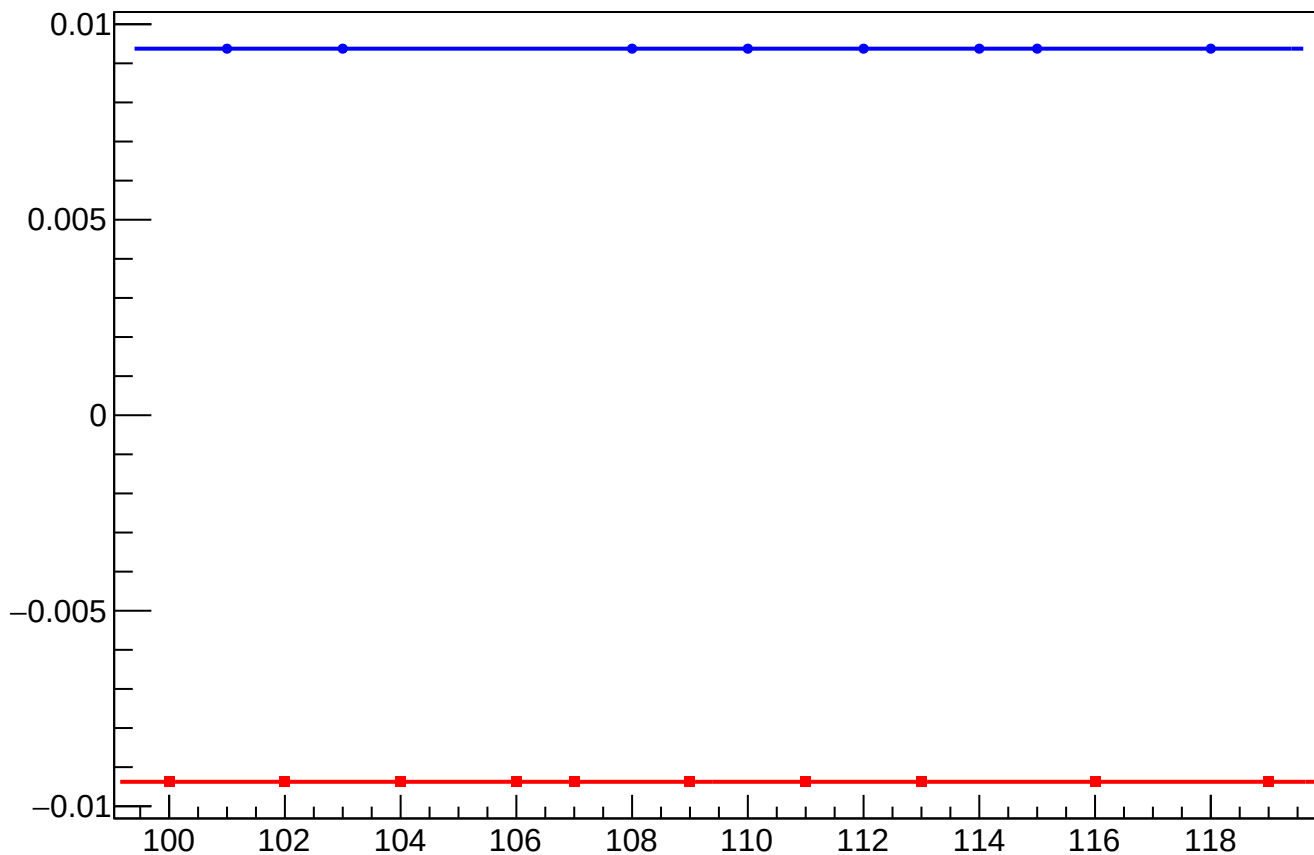
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 38648932108800

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

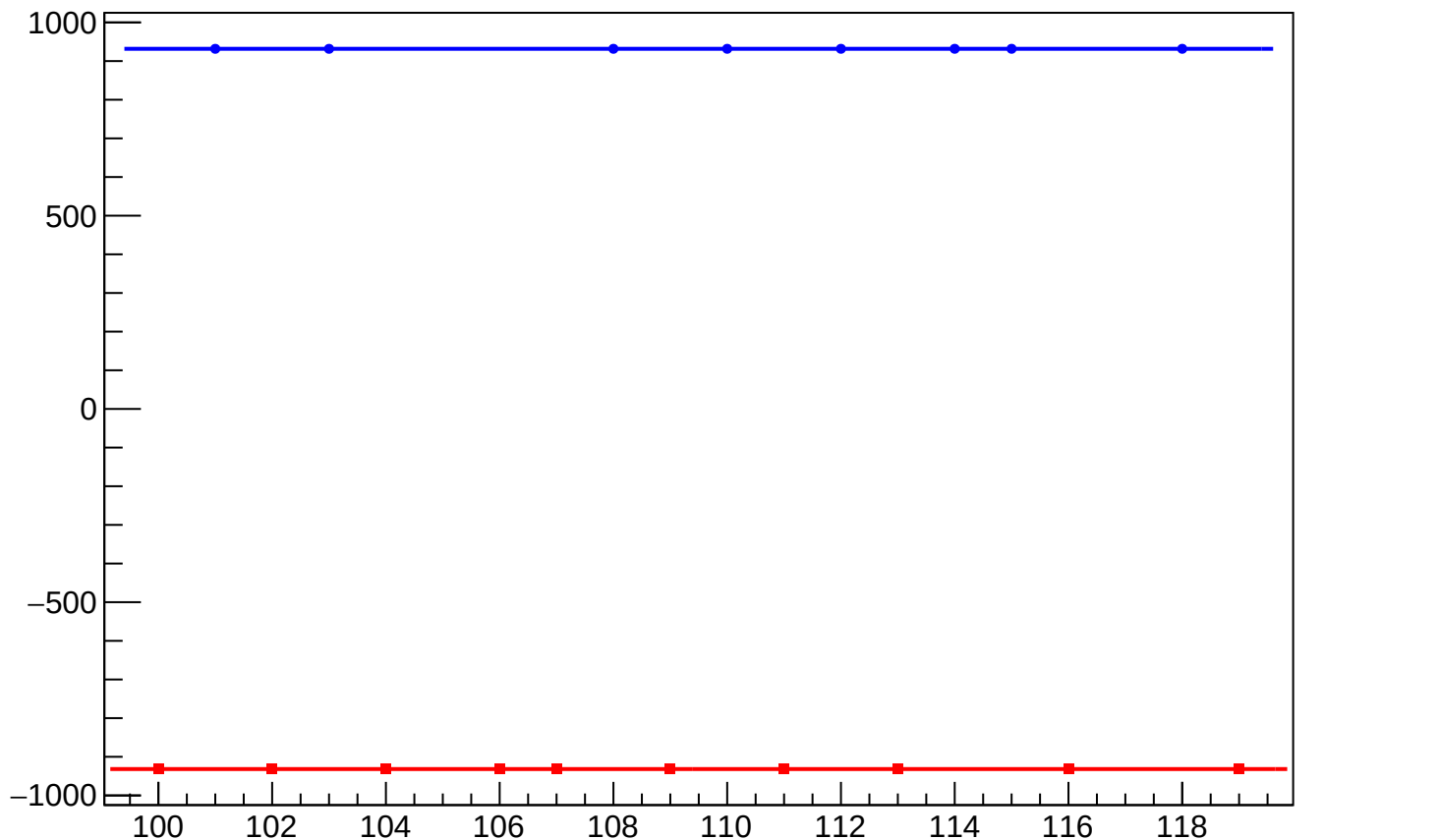
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 6626699705111398

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

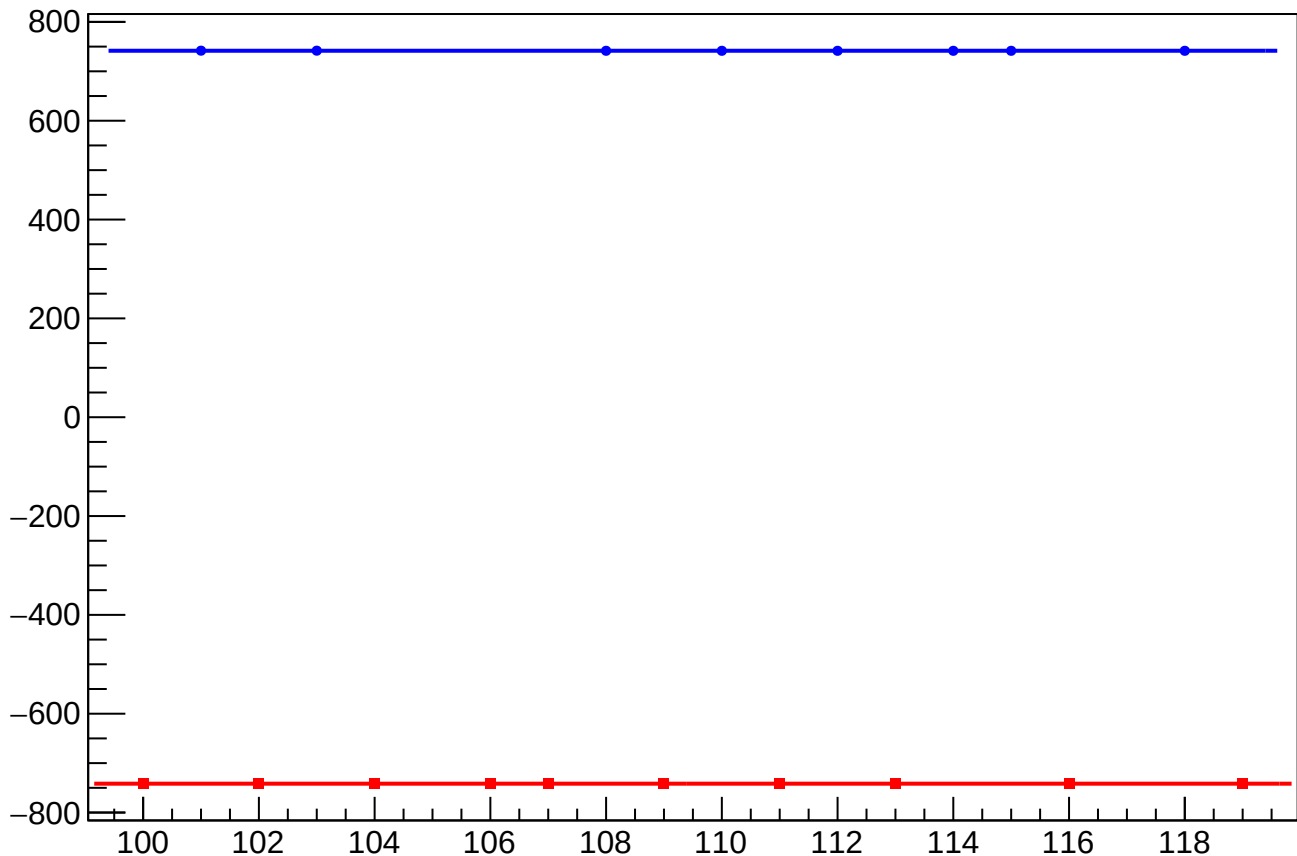
All: -0.001 $\pm$ 0.000 χ^2 /NDF: 6626699705111

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



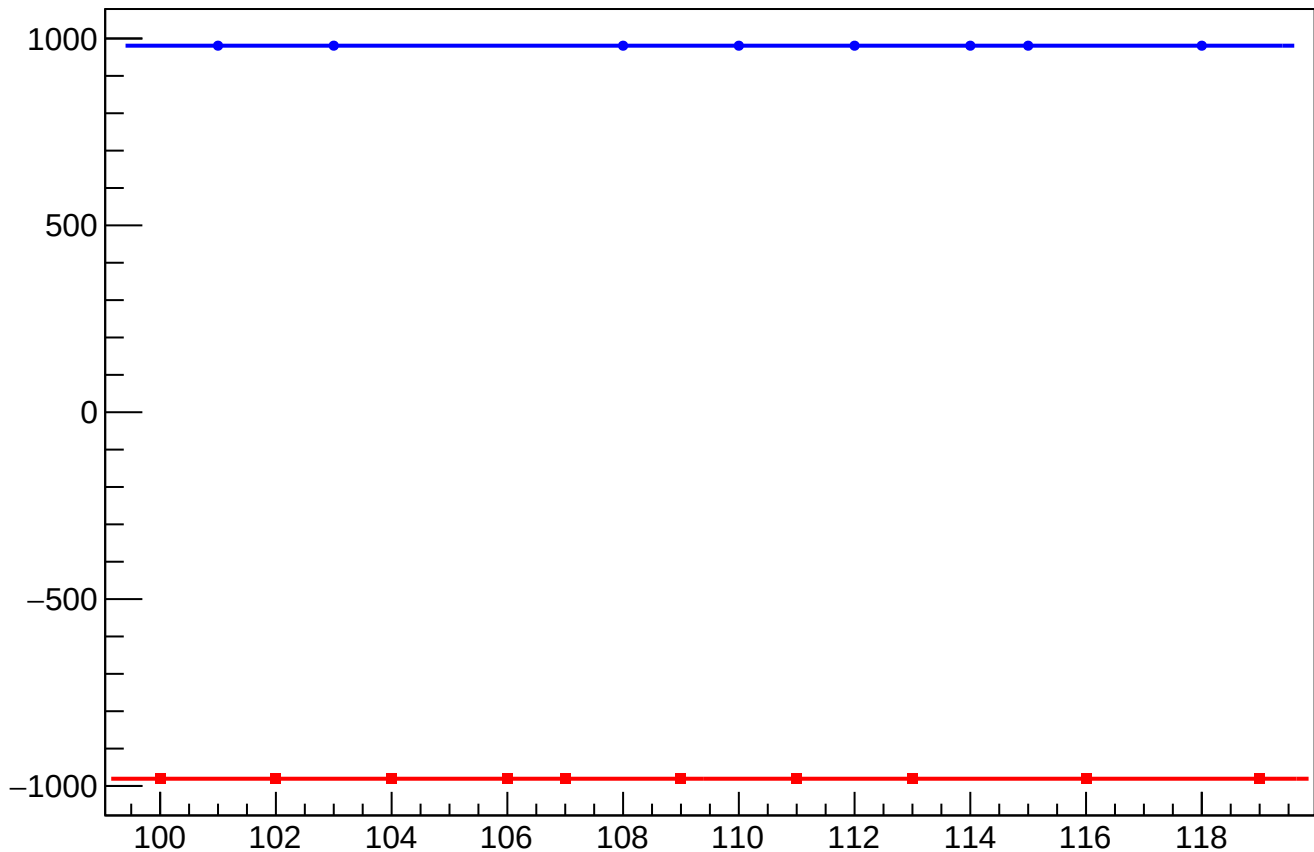
Right In: 931.719+/-0.000 χ^2/NDF : 302268157763329347250550734848.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -931.724+/-0.000 χ^2/NDF : 362848239550994896421365219328.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -101.356+/-0.000 χ^2/NDF : 65452608178379

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



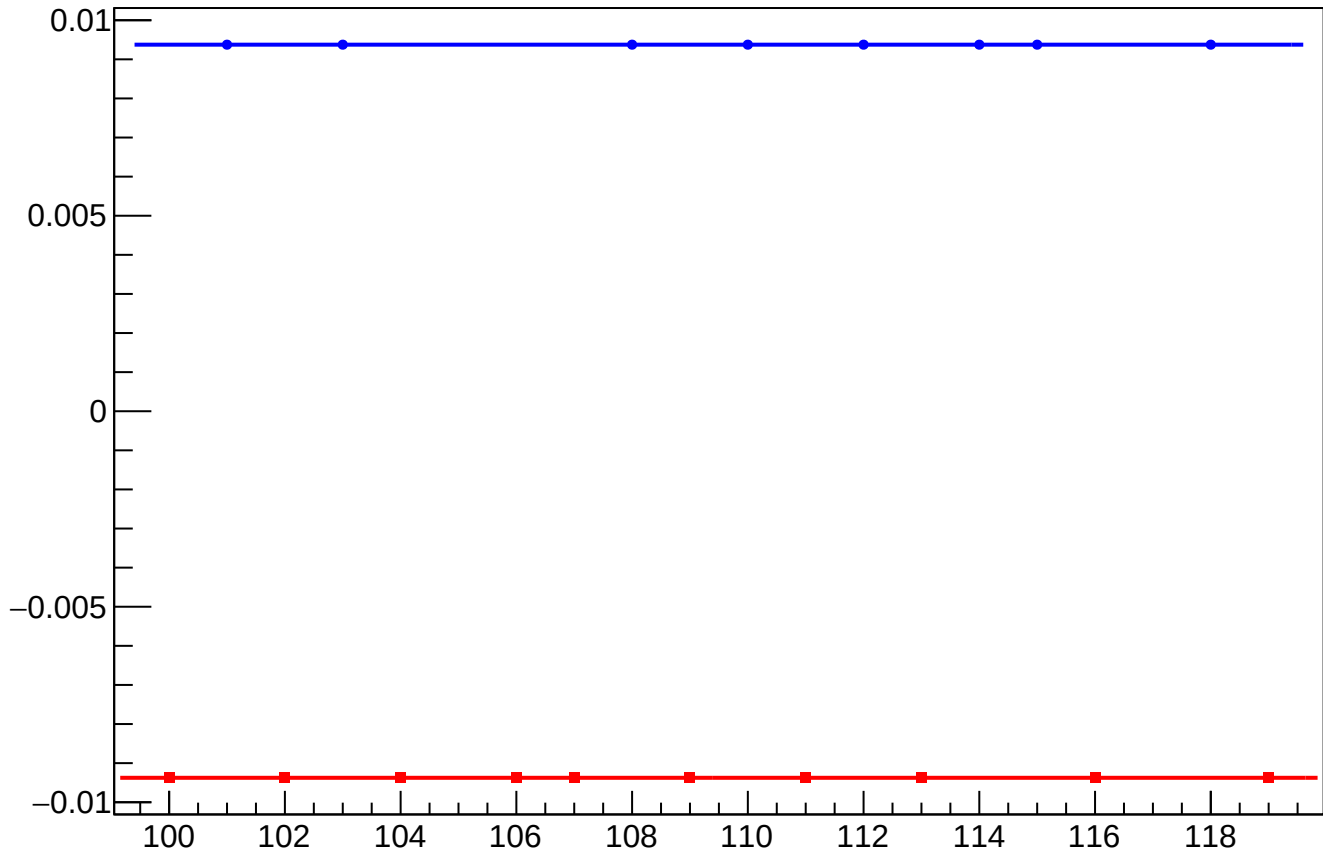
Right In: 741.618+/-0.000 χ^2/NDF : 4924221160140900154170710949888.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.616+/-0.000 χ^2/NDF : 6239036712655266590058040262656.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -80.673+/-0.000 χ^2/NDF : 414680505189251

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.782+/-0.000 χ^2/NDF : 241673520404561257276614115328.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.650+/-0.000 χ^2/NDF : 50596612059289428902942674518016.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -106.618+/-0.000 χ^2/NDF : 72517235638238

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2/NDF : 0.0/9

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

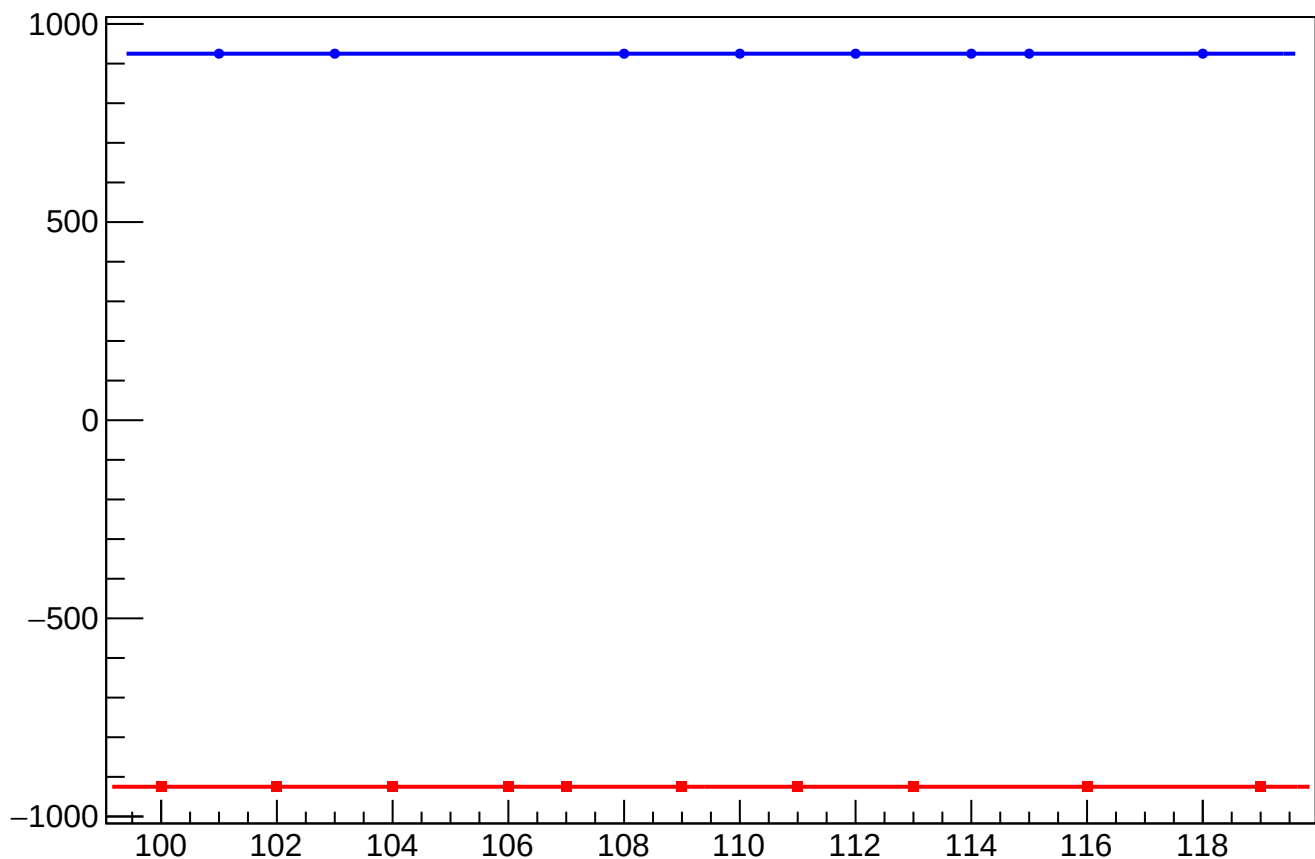
Right: -0.001 $\pm$ 0.000 χ^2/NDF : 6626699705111398

In: 0.009 $\pm$ 0.000 χ^2/NDF : 0.0/7

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

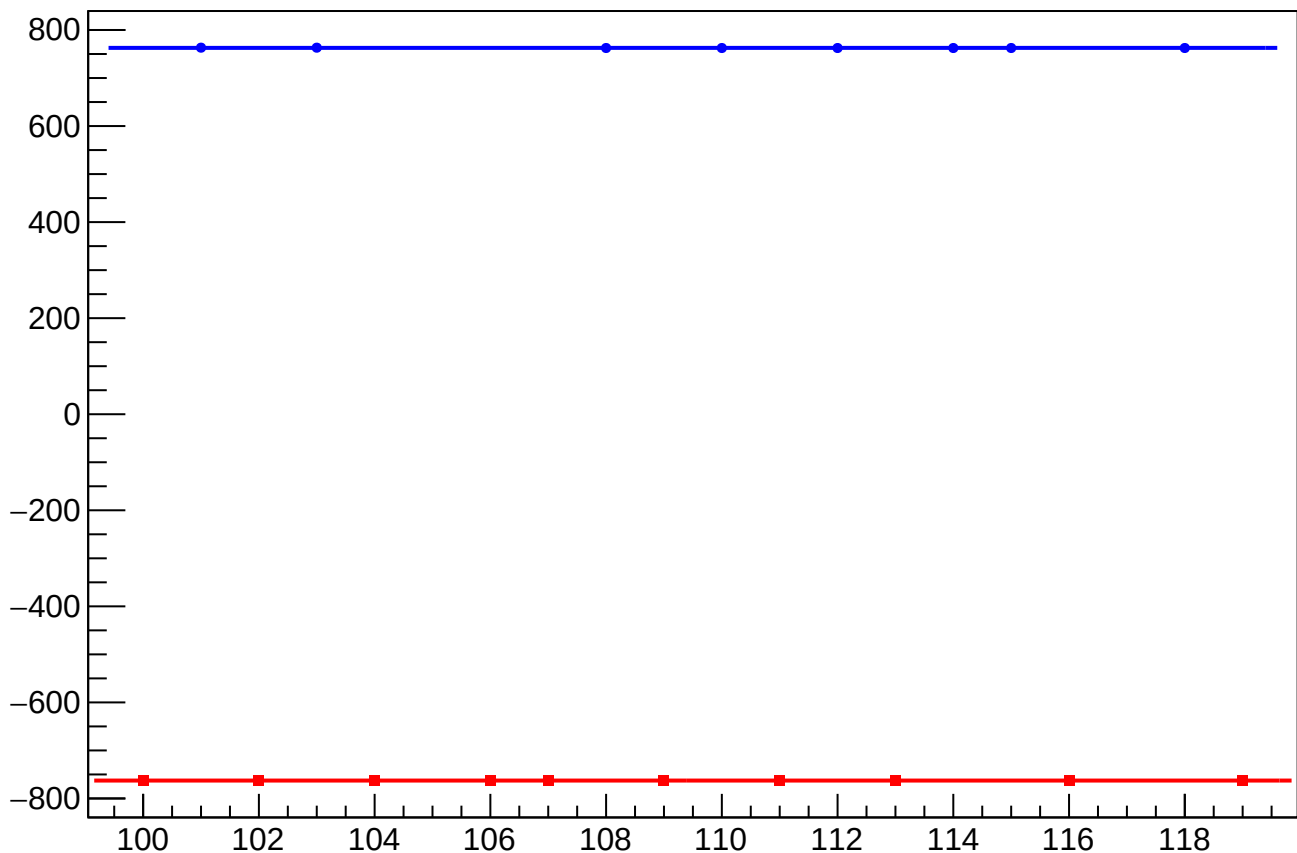
All: -0.001 $\pm$ 0.000 χ^2/NDF : 6626699705111

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



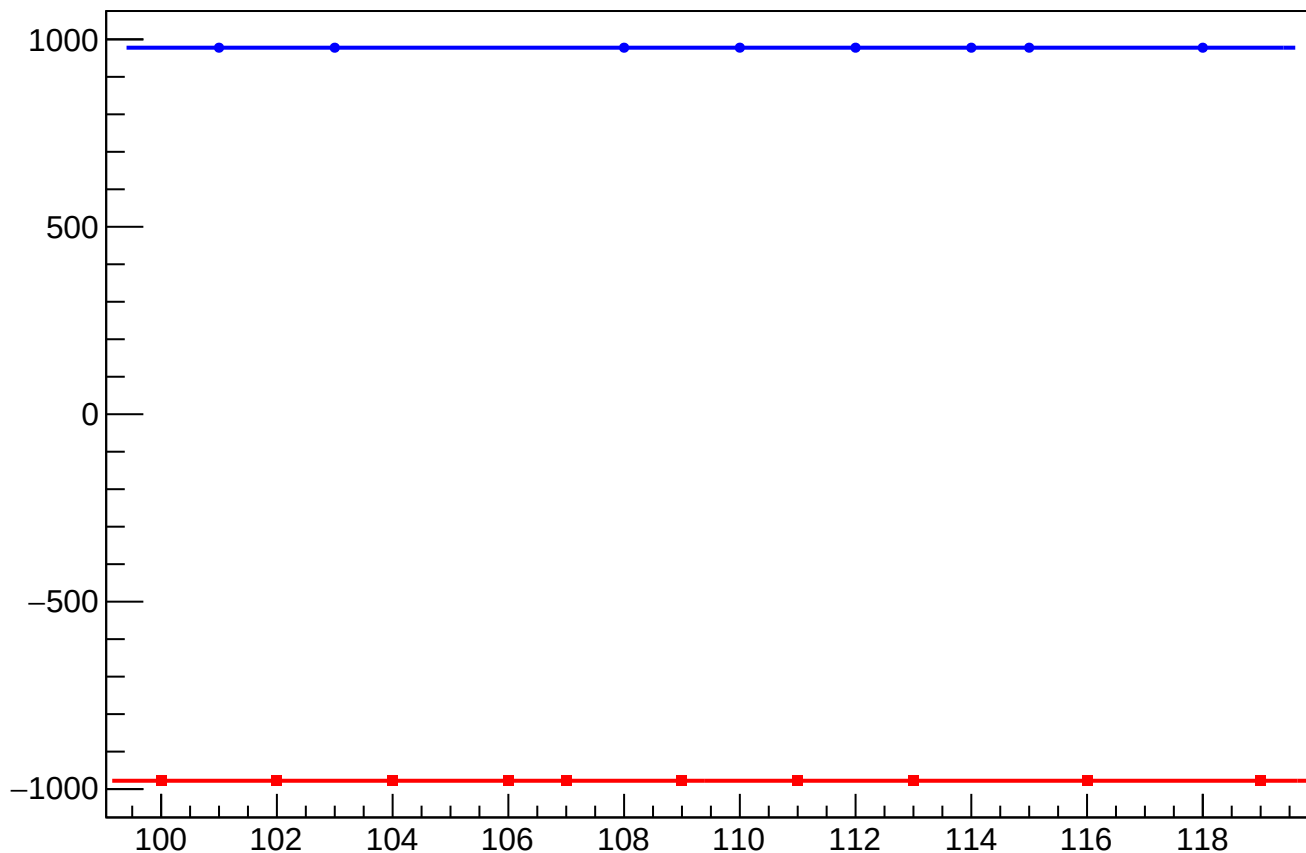
Right In: 924.978+/-0.000 χ^2/NDF : 297482558243894439629163593728.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.987+/-0.000 χ^2/NDF : 999107462202523022453582594048.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -100.625+/-0.000 χ^2/NDF : 64509232328150

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



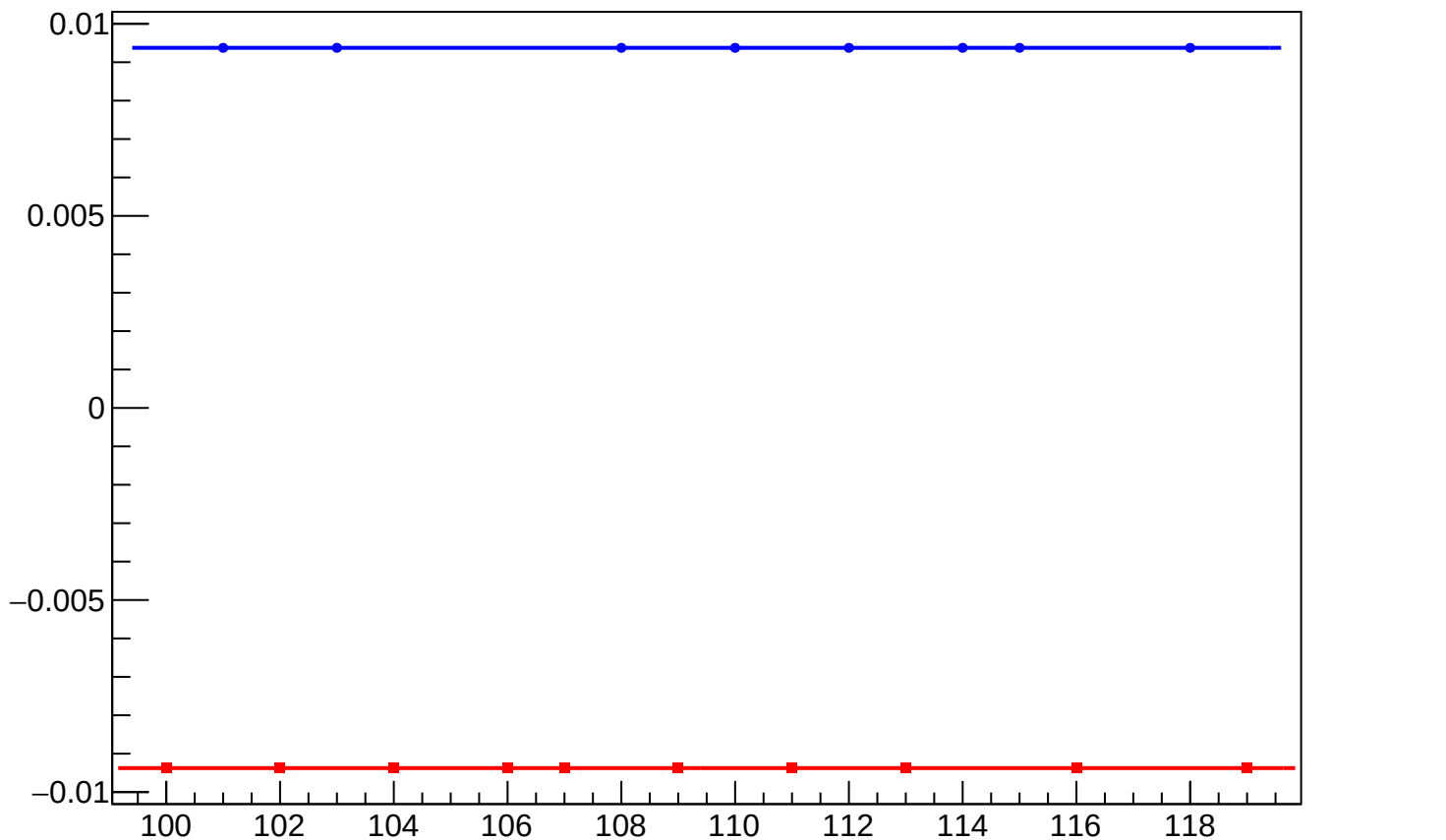
Right In: 762.757+/-0.000 χ^2/NDF : 37892370085739288369097374433280.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.712+/-0.000 χ^2/NDF : 44760231497060250597664548192256.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -82.948+/-0.000 χ^2/NDF : 438633530441337

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.760+/-0.000 χ^2/NDF : 225107972121886783557194481664.0/7
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.757+/-0.000 χ^2/NDF : 837673368323140925560641814528.0/9
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -106.360+/-0.000 χ^2/NDF : 72080491494027

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

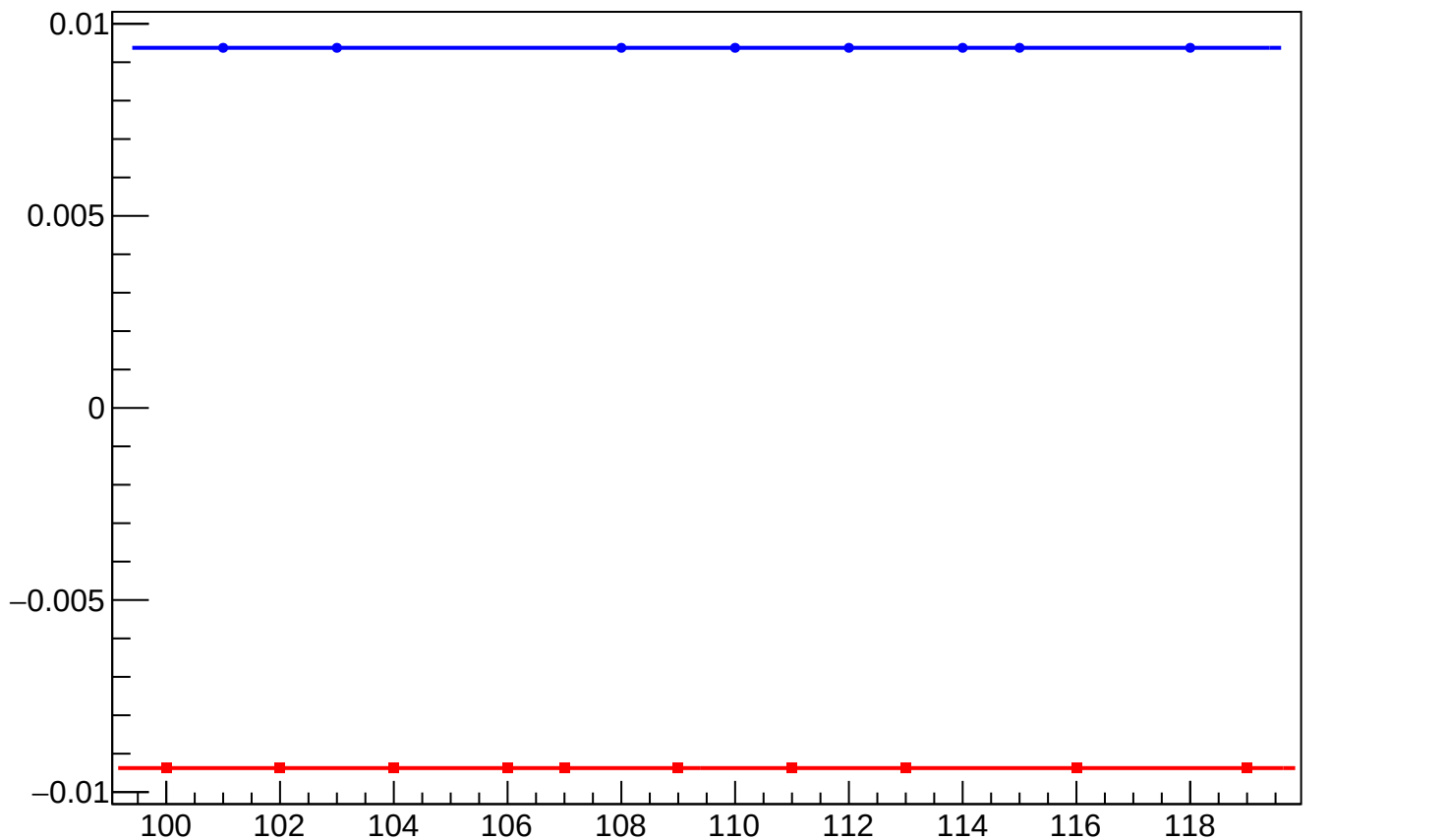
Right: -0.001+/-0.000 χ^2/NDF : 6626699705111398

In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 6626699705111

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

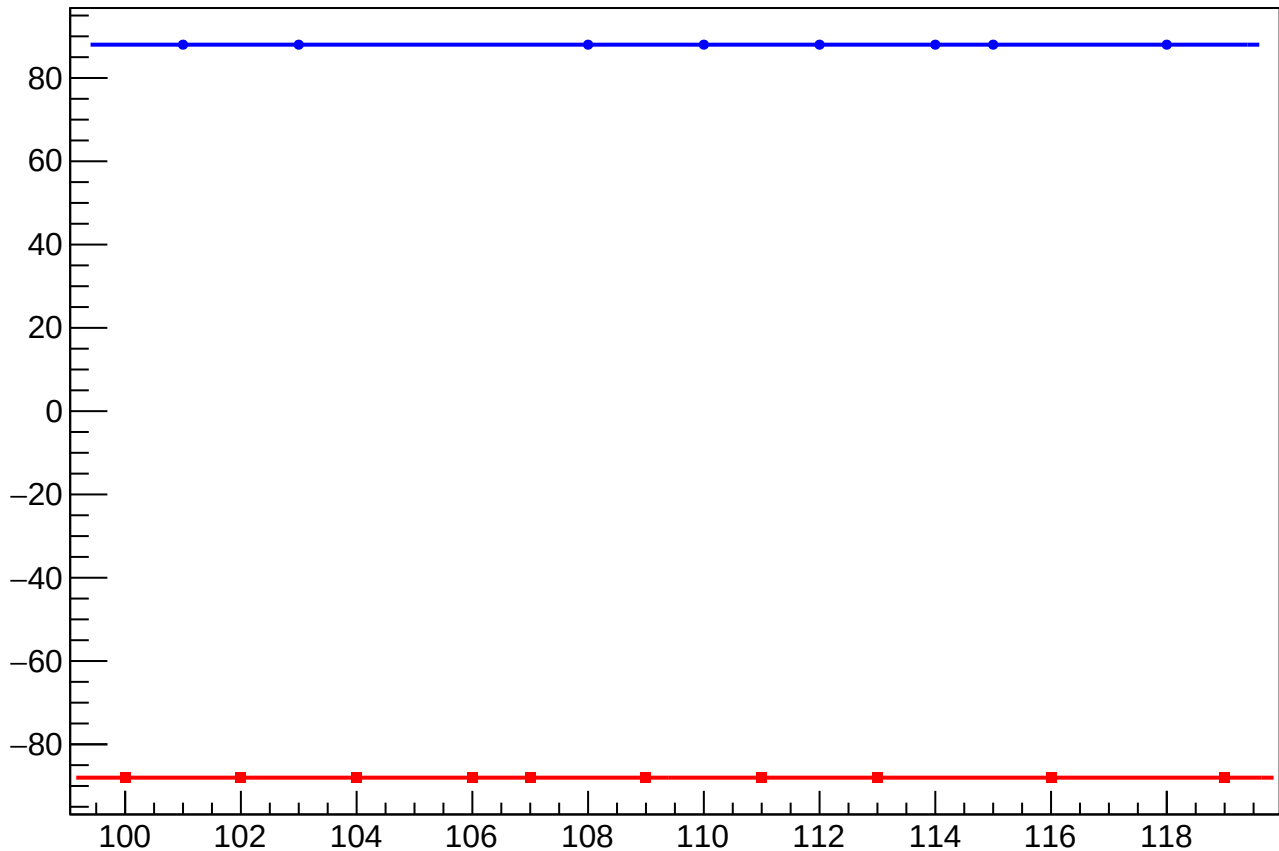
Right: -0.001+/-0.000 χ^2/NDF : 6626699705111398

In: 0.009+/-0.000 χ^2/NDF : 0.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 6626699705111

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 717522.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.006+/-0.000 χ^2/NDF : 68744173239657653938266570752.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

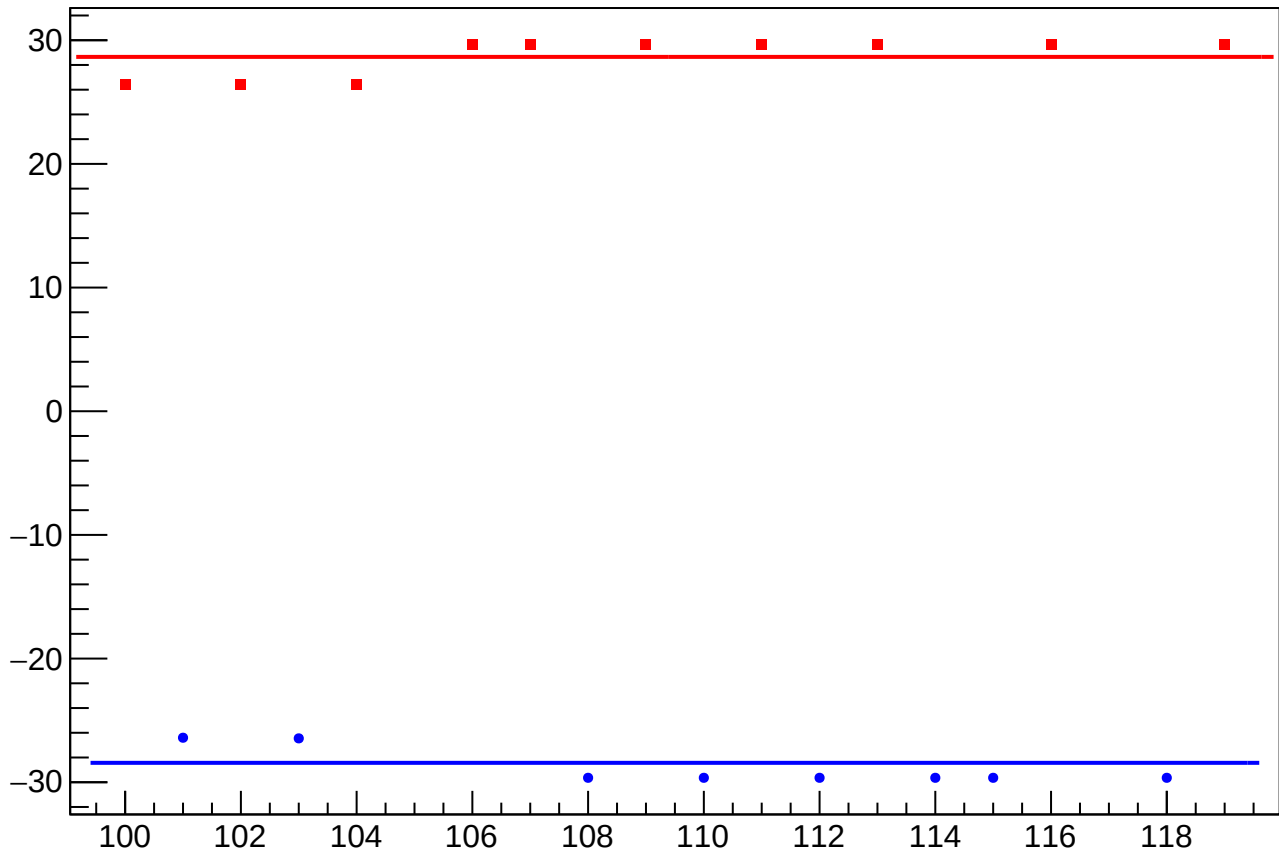
Right: -9.576+/-0.000 χ^2/NDF : 5839169663554617

In: 88.001+/-0.000 χ^2/NDF : 717522.6/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

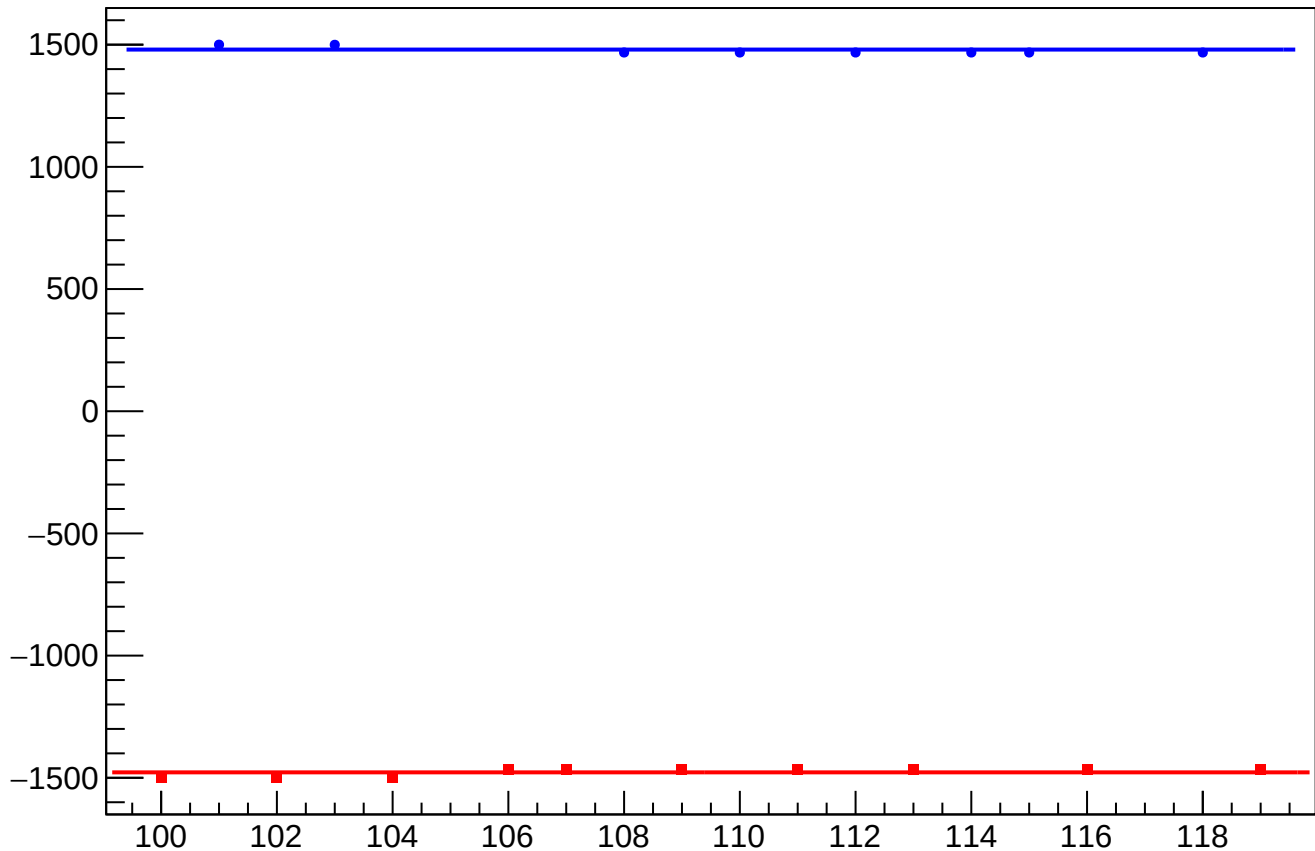
All: -9.576+/-0.000 χ^2/NDF : 5839169663554

HWienAngle_mean vs Slug, Sign Corrected



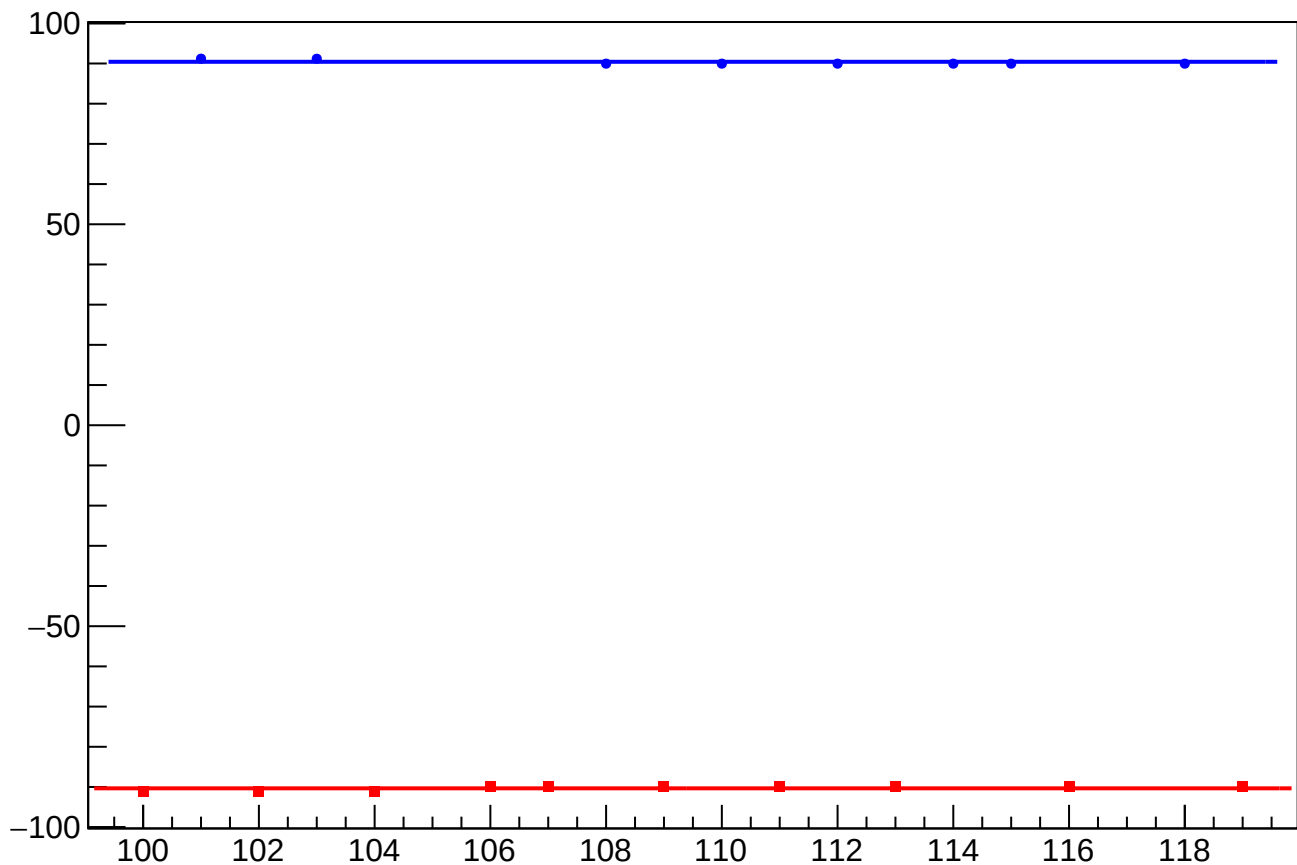
Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right In: -28.430+/-0.000 χ^2/NDF : 824876609747917272857437976657920.0/7
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 3.216+/-0.000 χ^2/NDF : 61596583166428087
In: -28.430+/-0.000 χ^2/NDF : 824876609747917272857437976657920.0/7
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 3.216+/-0.000 χ^2/NDF : 61596583166428087

psub_pl_pos_mean vs Slug, Sign Corrected



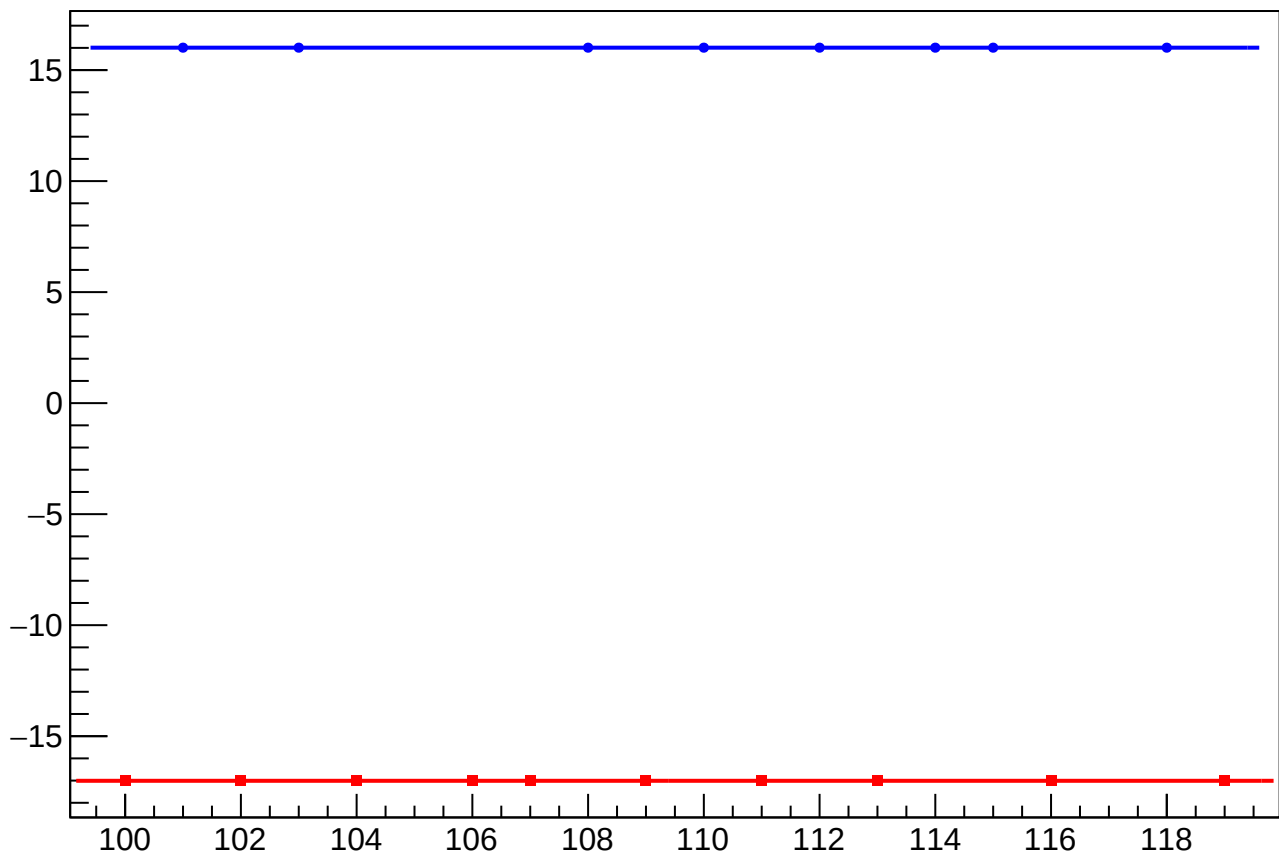
Right In: 1479.940+/-0.000 χ^2/NDF : 80571188397180798840826236640428032.0/7
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1477.745+/-0.000 χ^2/NDF : 91934278956813932604064893289627648.0/9
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -159.772+/-0.000 χ^2/NDF : 16490886180872

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.422+/-0.000 χ^2 /NDF: 12082097576098486386806997475328.0/7
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: -90.337+/-0.000 χ^2 /NDF: 137860561702146134005438994186240.0/9
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: -9.789+/-0.000 χ^2 /NDF: 6159100605305910

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 25130.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 3469951229494682653294592.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

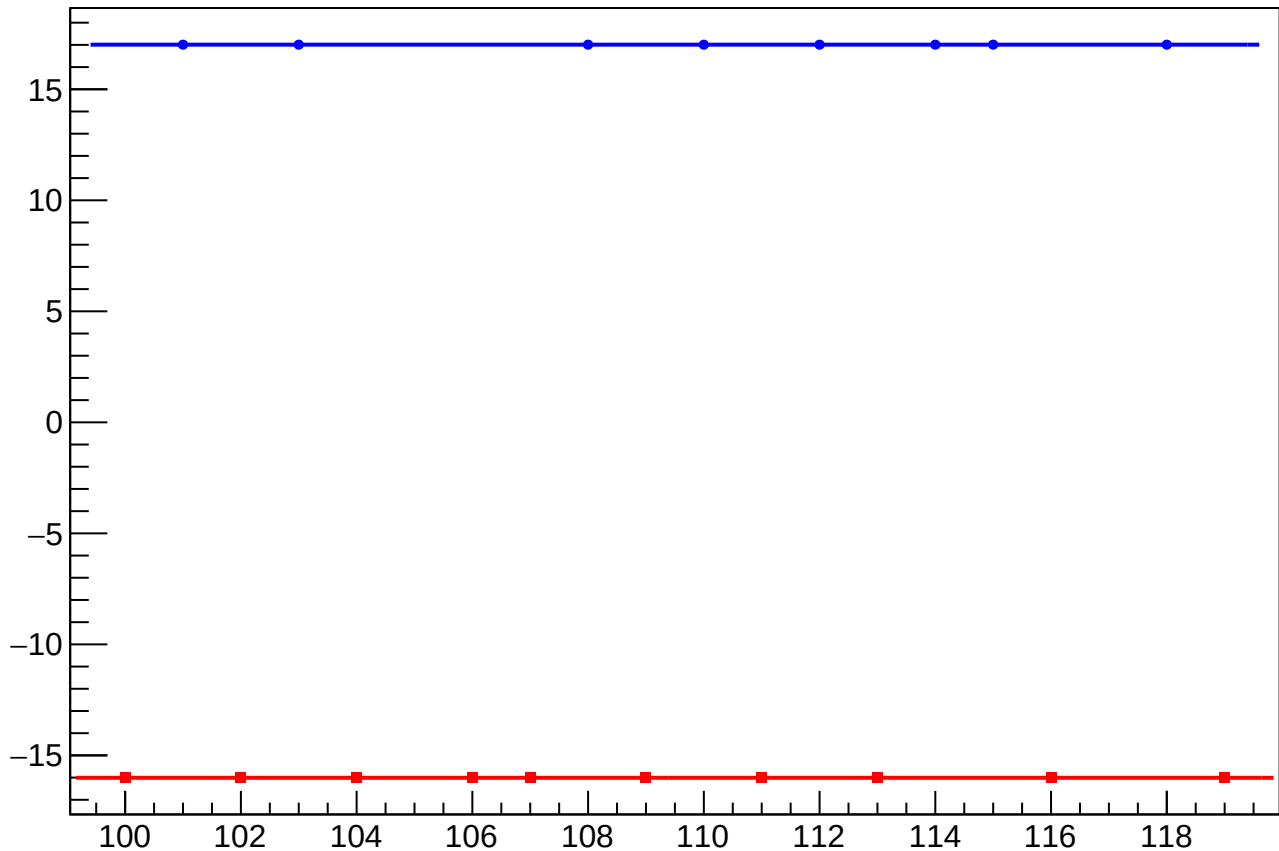
Right: -1.344+/-0.000 χ^2/NDF : 1913794682894106

In: 16.009+/-0.000 χ^2/NDF : 25130.0/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.344+/-0.000 χ^2/NDF : 1913794682894

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 25205.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 33271.0/9

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

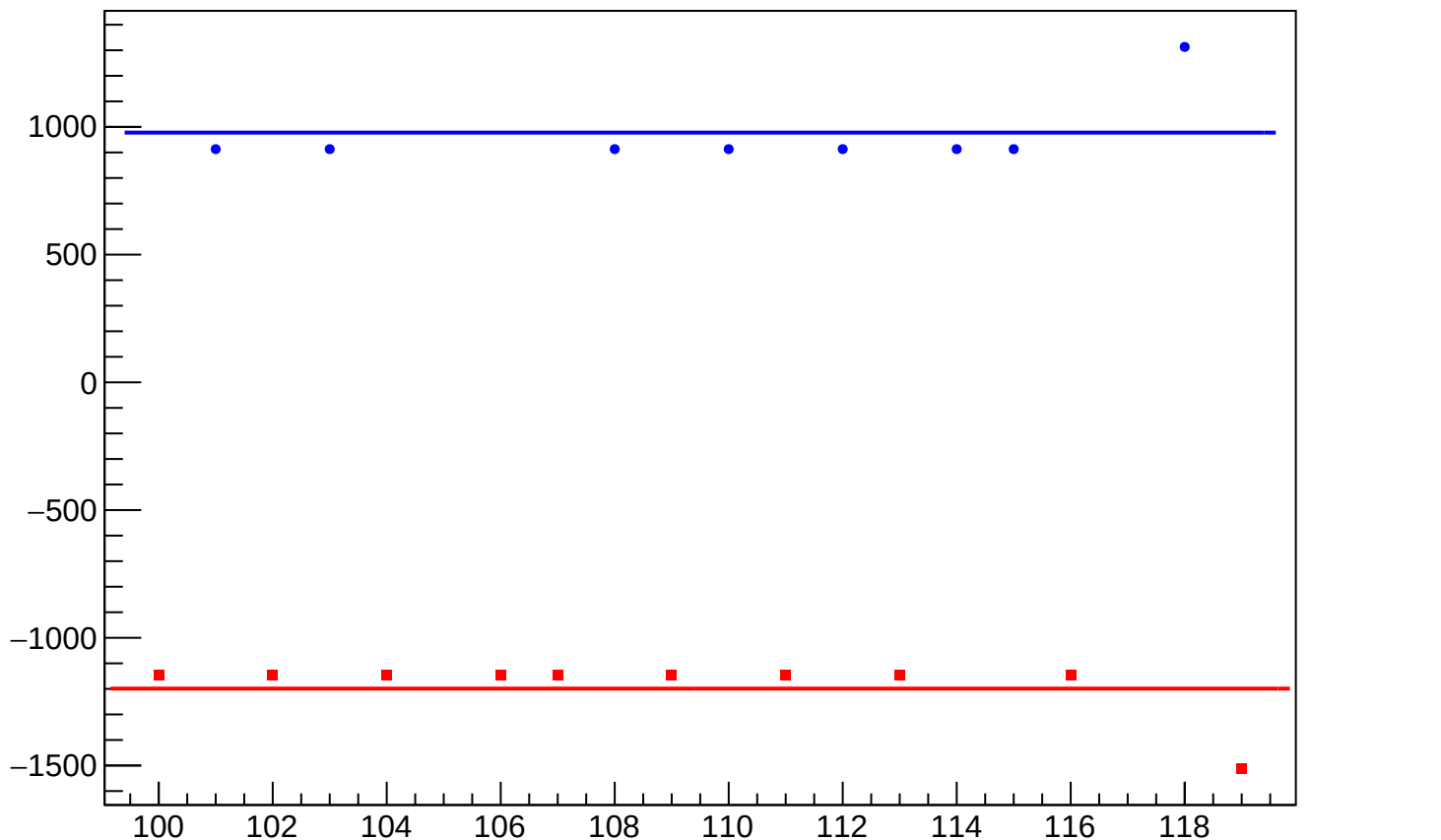
Right: -2.073+/-0.000 χ^2/NDF : 1928051805520475

In: 17.009+/-0.000 χ^2/NDF : 25205.7/7

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

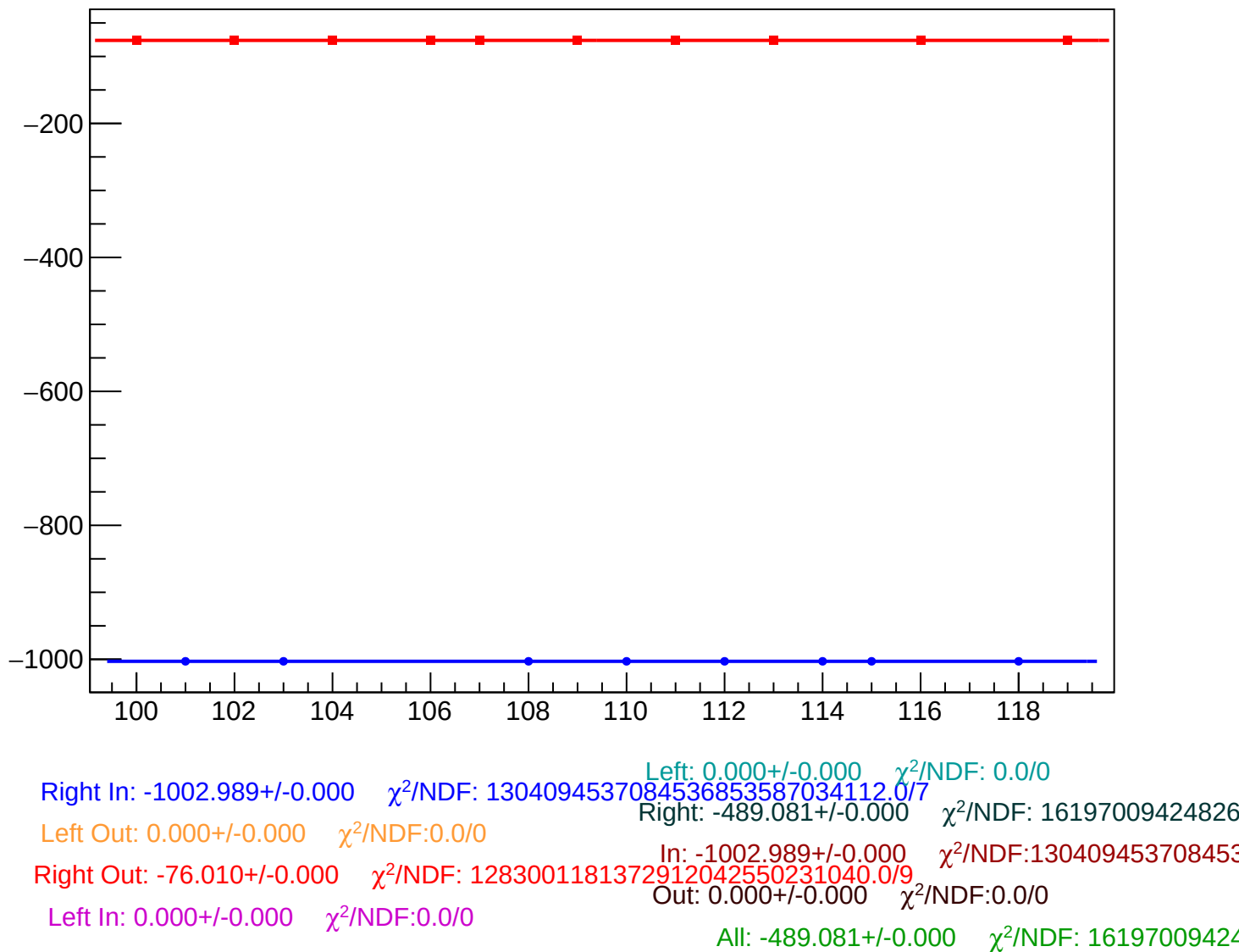
All: -2.073+/-0.000 χ^2/NDF : 1928051805520

RTPAPOSUCNT_mean vs Slug, Sign Corrected

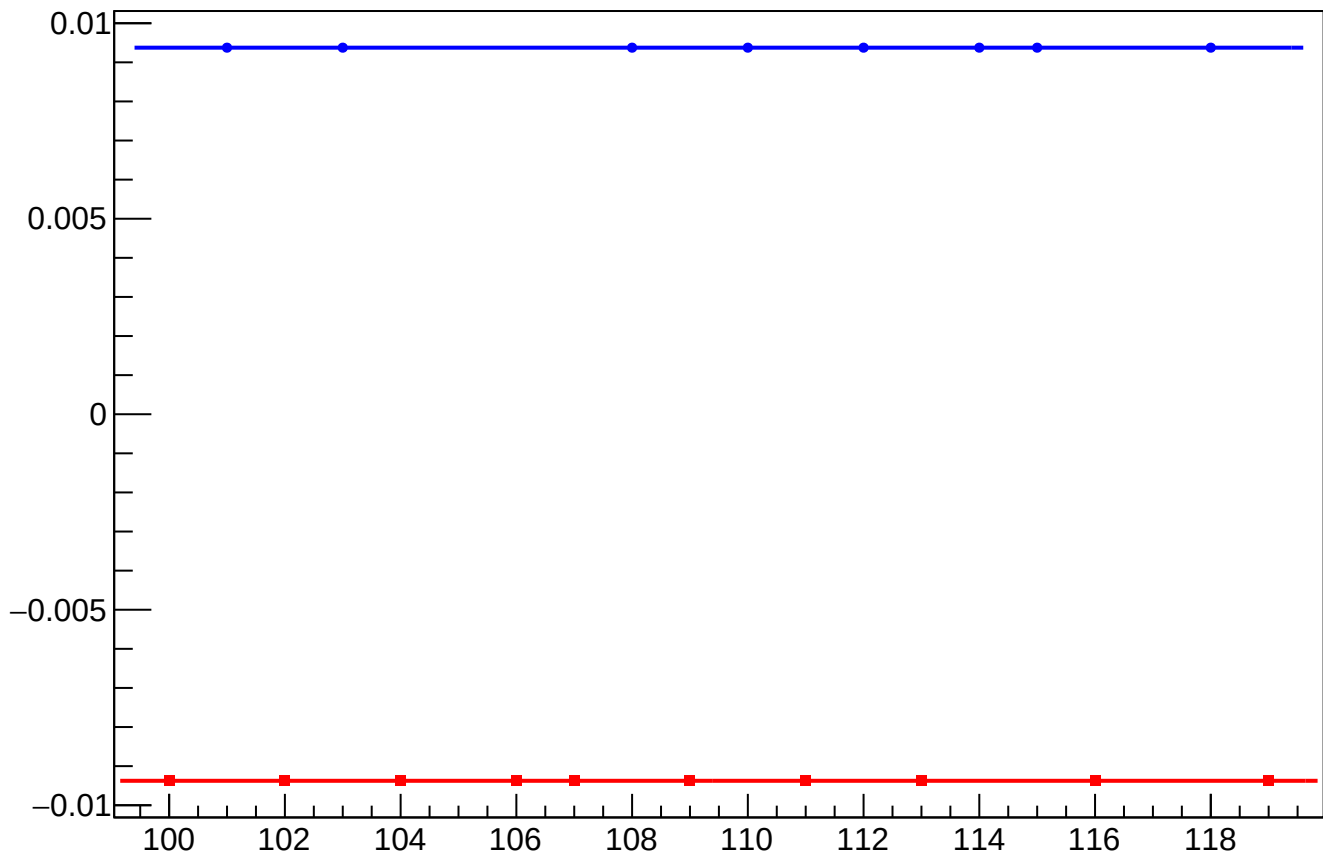


Right In: 977.702 $\pm$ 0.000 χ^2 /NDF: 7377044983300197364606753969073553408.0/7
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -229.022 $\pm$ 0.000 χ^2 /NDF: 90747274172371
 In: 977.702 $\pm$ 0.000 χ^2 /NDF: 7377044983300197364606753969073553408.0/7
 Right Out: -1198.965 $\pm$ 0.000 χ^2 /NDF: 7039391114715689391823932788320501760.0/9
 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: -229.022 $\pm$ 0.000 χ^2 /NDF: 90747274172

RTPAPOSVCNT_mean vs Slug, Sign Corrected



RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

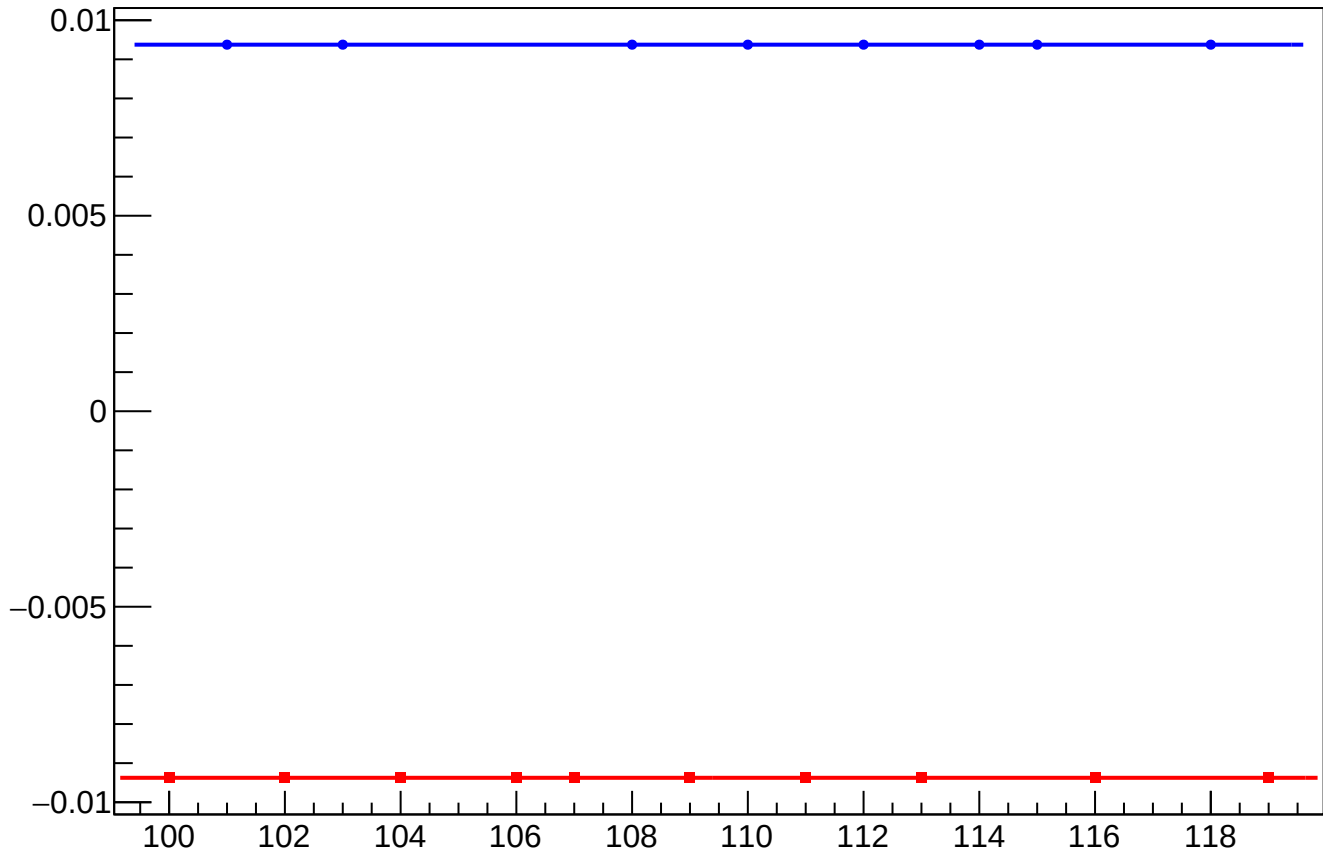
Right: -0.001 $\pm$ 0.000 χ^2 /NDF: 6626699705111398

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 6626699705111

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/9

Left In: 0.000 $\pm$ 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: 6626699705111398

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/7

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.000 χ^2 /NDF: 6626699705111