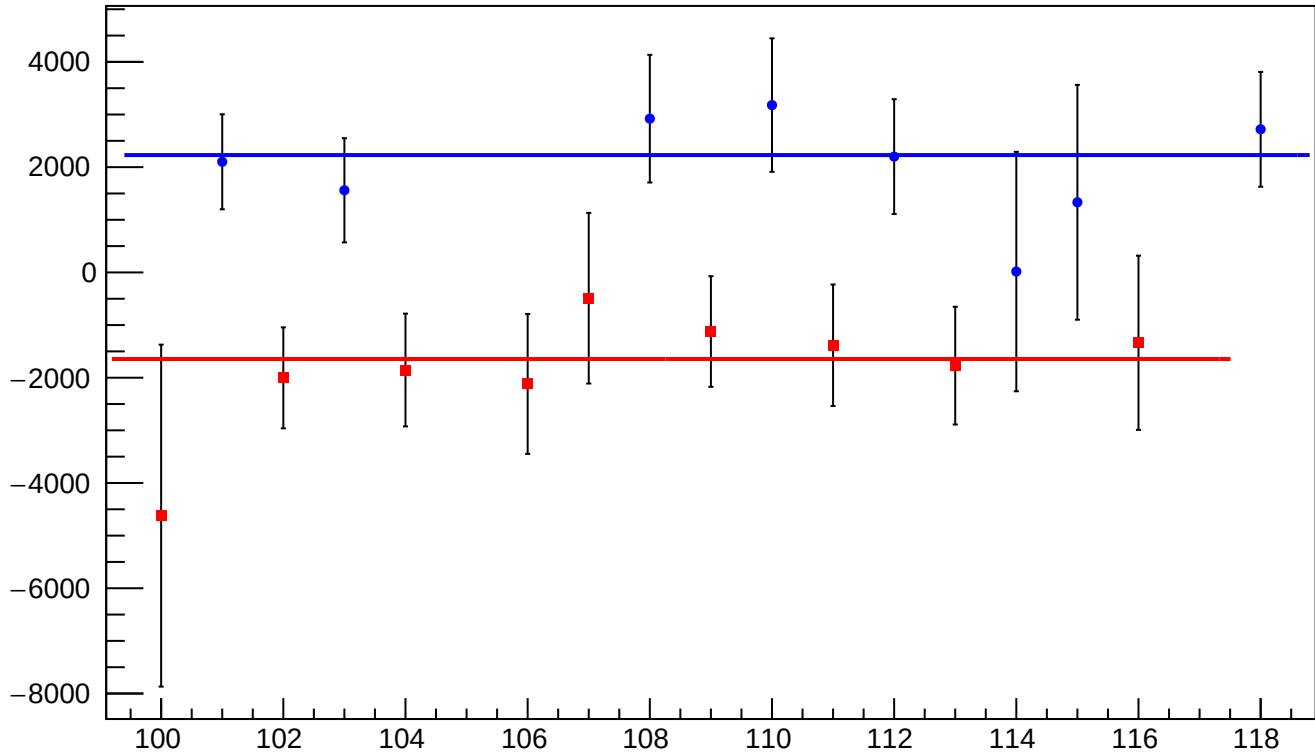


reg_asym_us_avg_mean vs Slug



Right In: 2229.733 $\pm$ 421.737 χ^2 /NDF: 2.7/7

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

Right Out: -1644.820 $\pm$ 414.503 χ^2 /NDF: 2.0/8

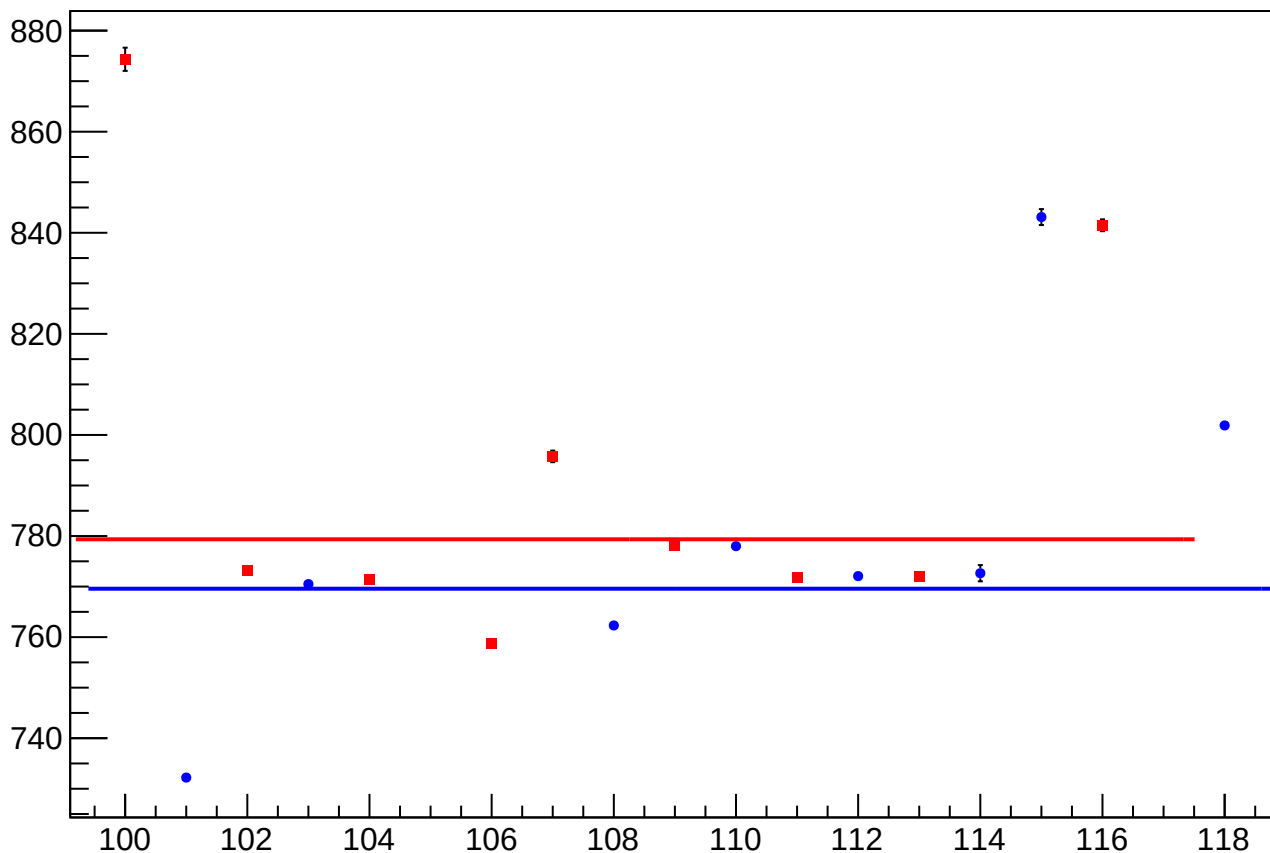
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 258.945 $\pm$ 295.622 χ^2 /NDF: 47.6/16

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

reg_asym_us_avg_rms vs Slug



Right In: 769.577 $\pm$ 0.298 χ^2 /NDF: 7527.1/7

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

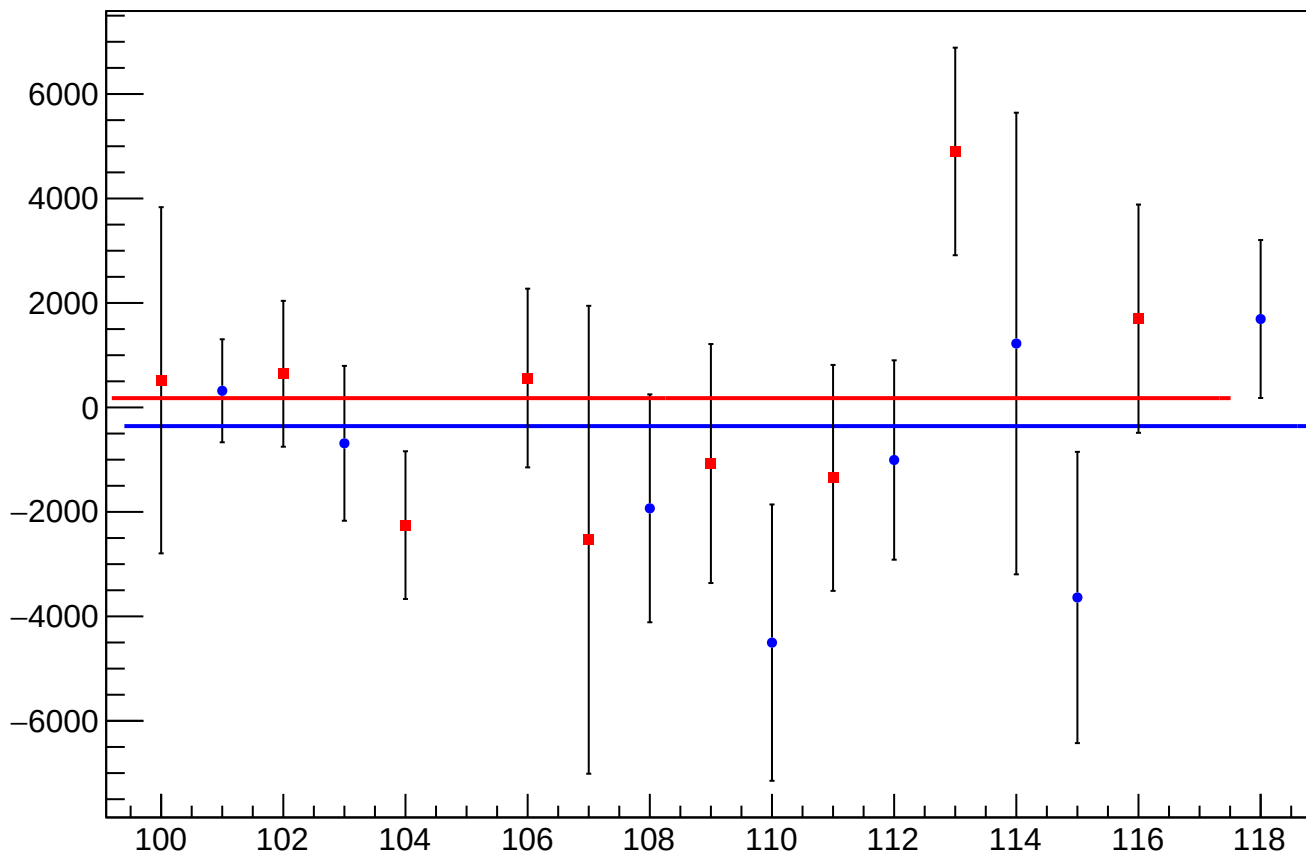
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 774.552 $\pm$ 0.209 χ^2 /NDF: 13651.6/16

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

asym_us_avg_reg_correction_mean vs Slug



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: 177.991+/-650.467 χ^2 /NDF: 10.4/8

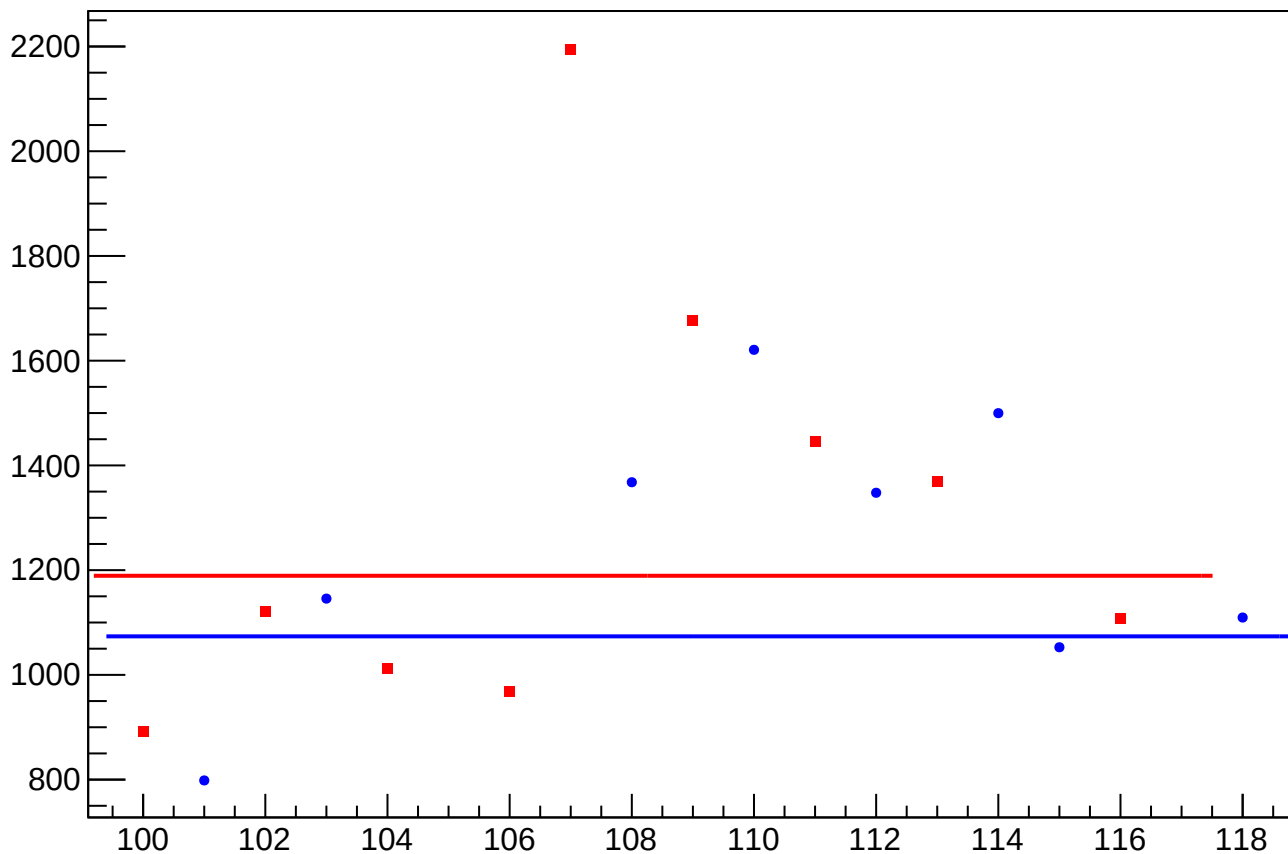
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -108.926+/-443.150 χ^2 /NDF: 17.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_reg_correction_rms vs Slug



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: 1189.261+/-0.460 χ^2/NDF : 324594.6/8

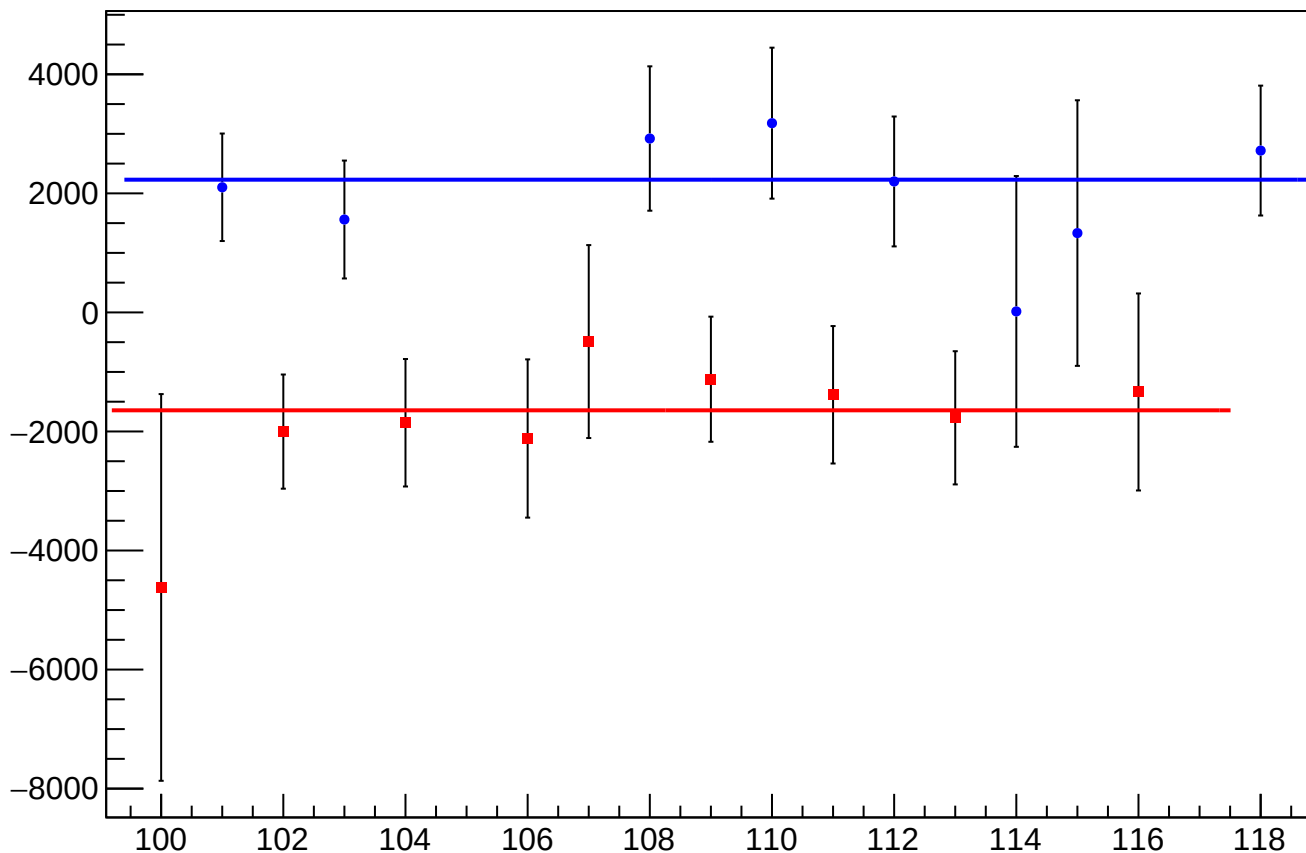
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.268+/-0.313 χ^2/NDF : 702099.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2229.733 $\pm$ 421.737 χ^2 /NDF: 2.7/7

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

Right Out: -1644.820 $\pm$ 414.503 χ^2 /NDF: 2.0/8

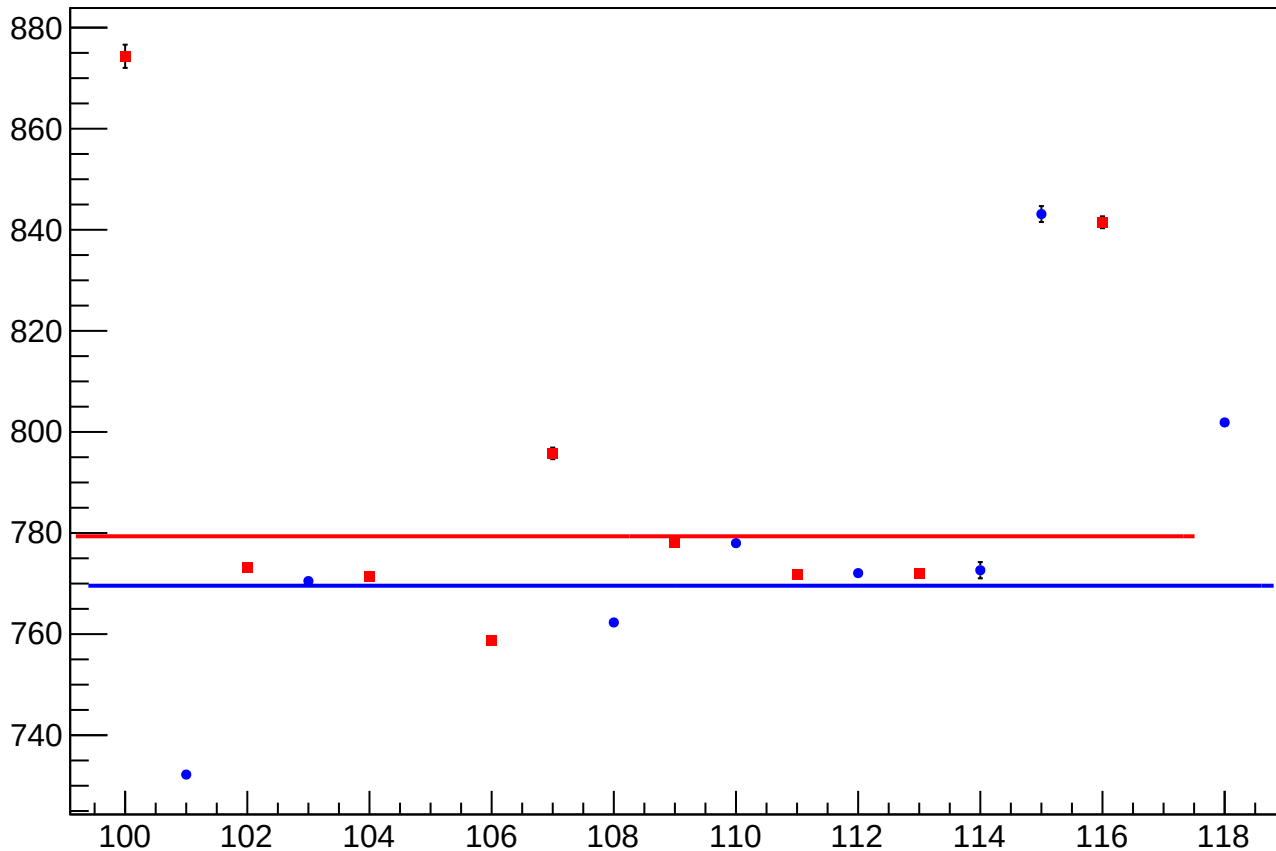
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 258.945 $\pm$ 295.622 χ^2 /NDF: 47.6/16

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

cor_asym_us_avg_rms vs Slug



Right In: 769.577 $\pm$ 0.298 χ^2 /NDF: 7527.1/7

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

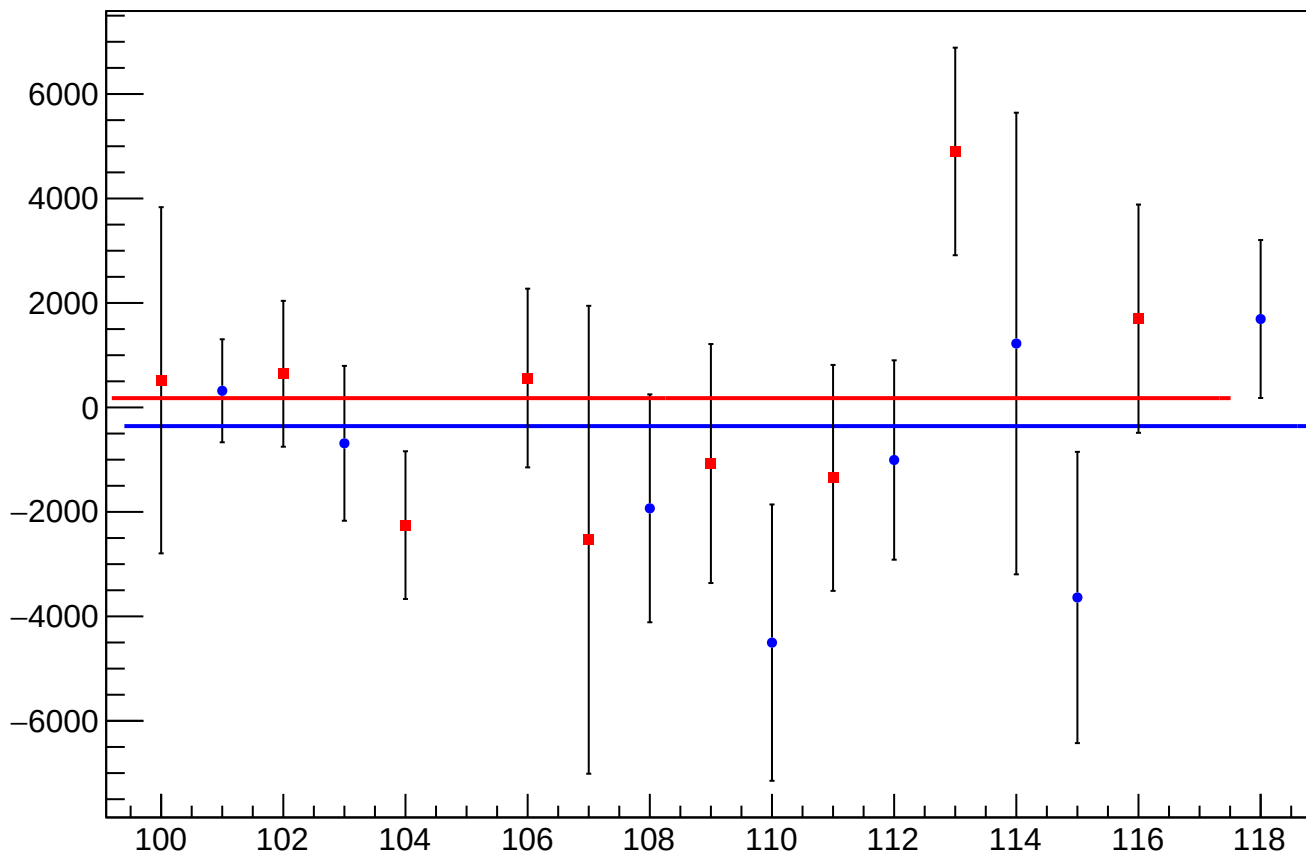
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 774.552 $\pm$ 0.209 χ^2 /NDF: 13651.6/16

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

asym_us_avg_cor_correction_mean vs Slug



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: 177.991+/-650.467 χ^2/NDF : 10.4/8

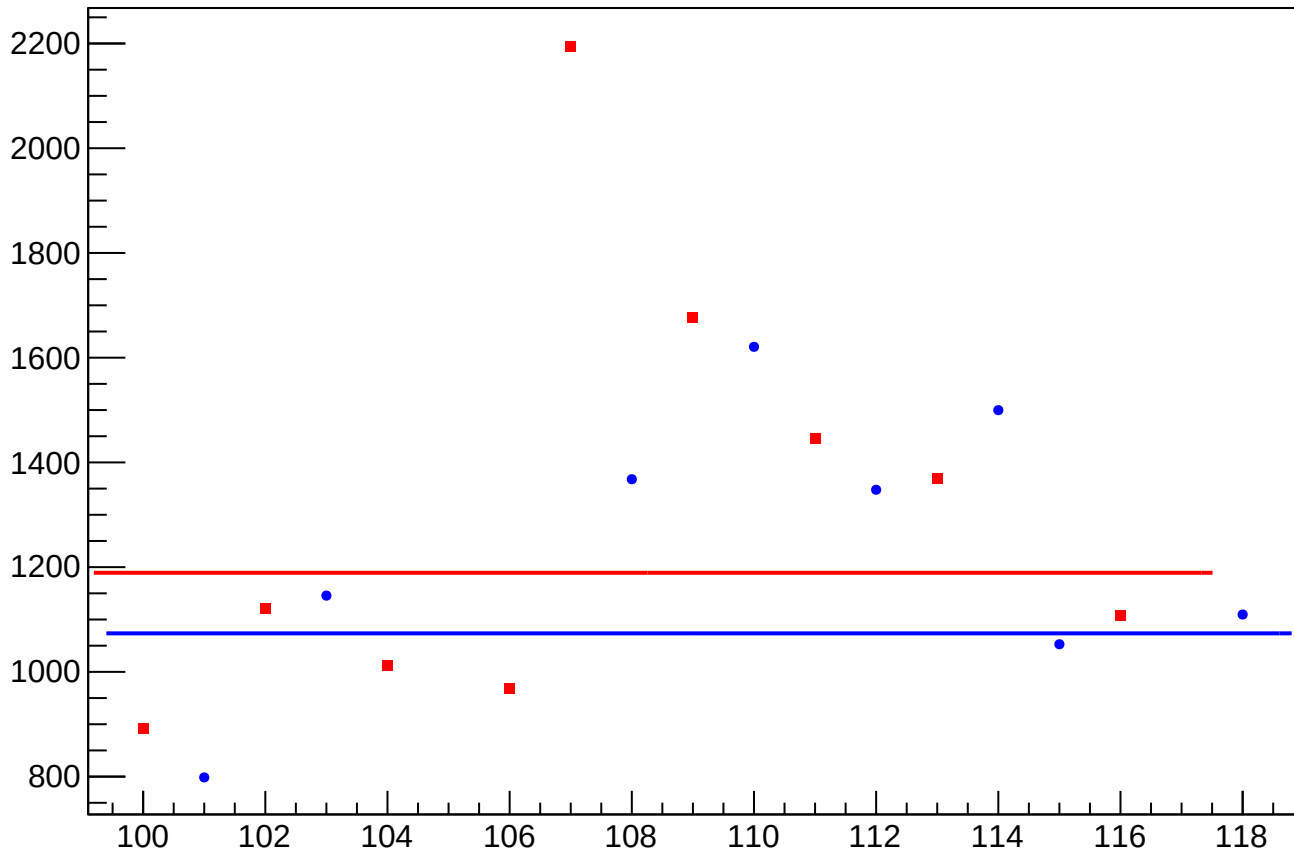
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.926+/-443.150 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1073.572 $\pm$ 0.428 χ^2 /NDF: 343603.5/7

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

Right Out: 1189.261 $\pm$ 0.460 χ^2 /NDF: 324594.6/8

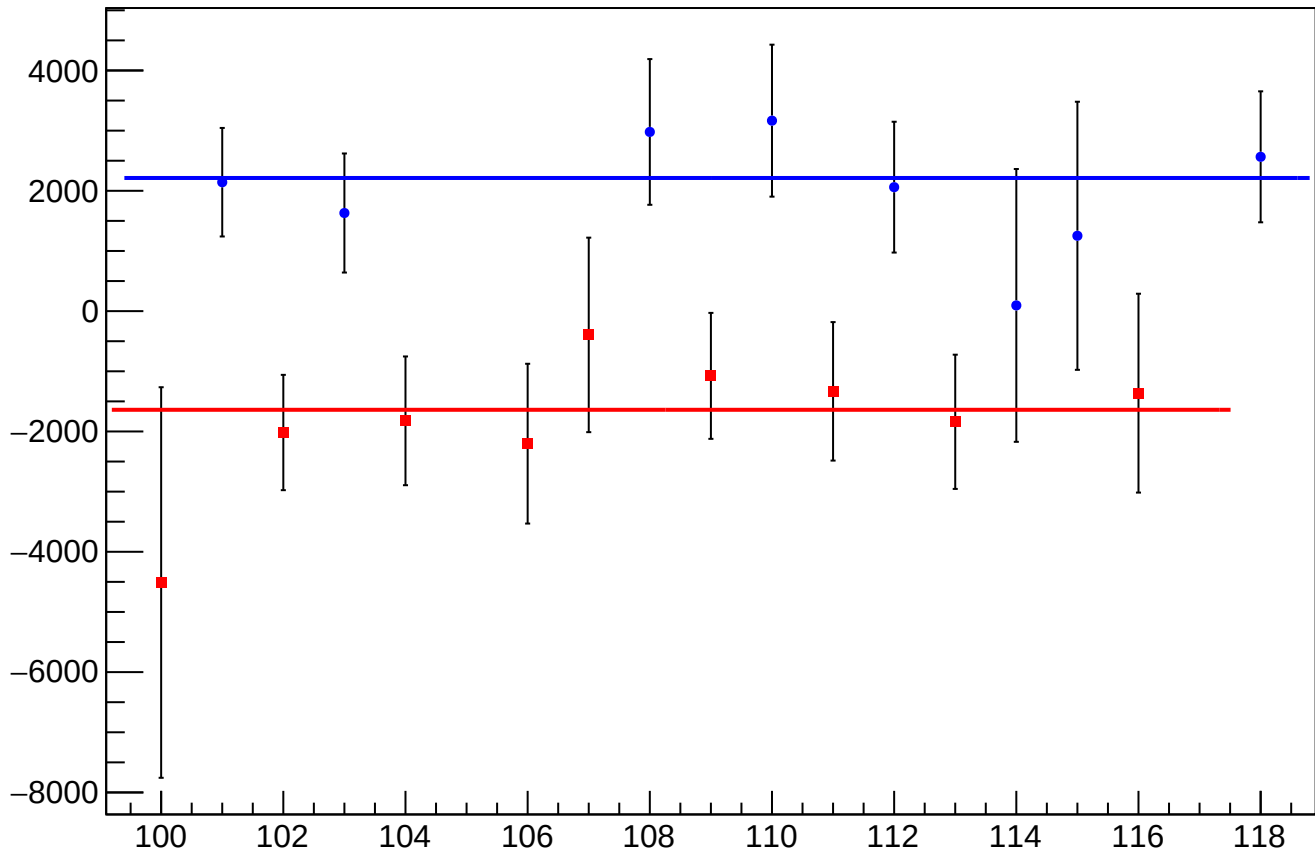
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1127.268 $\pm$ 0.313 χ^2 /NDF: 702099.0/16

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

overload_cor_asym_us_avg_mean vs Slug



Right In: 2213.196 $\pm$ 420.888 χ^2 /NDF: 2.5/7

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

Right Out: -1639.846 $\pm$ 413.657 χ^2 /NDF: 2.2/8

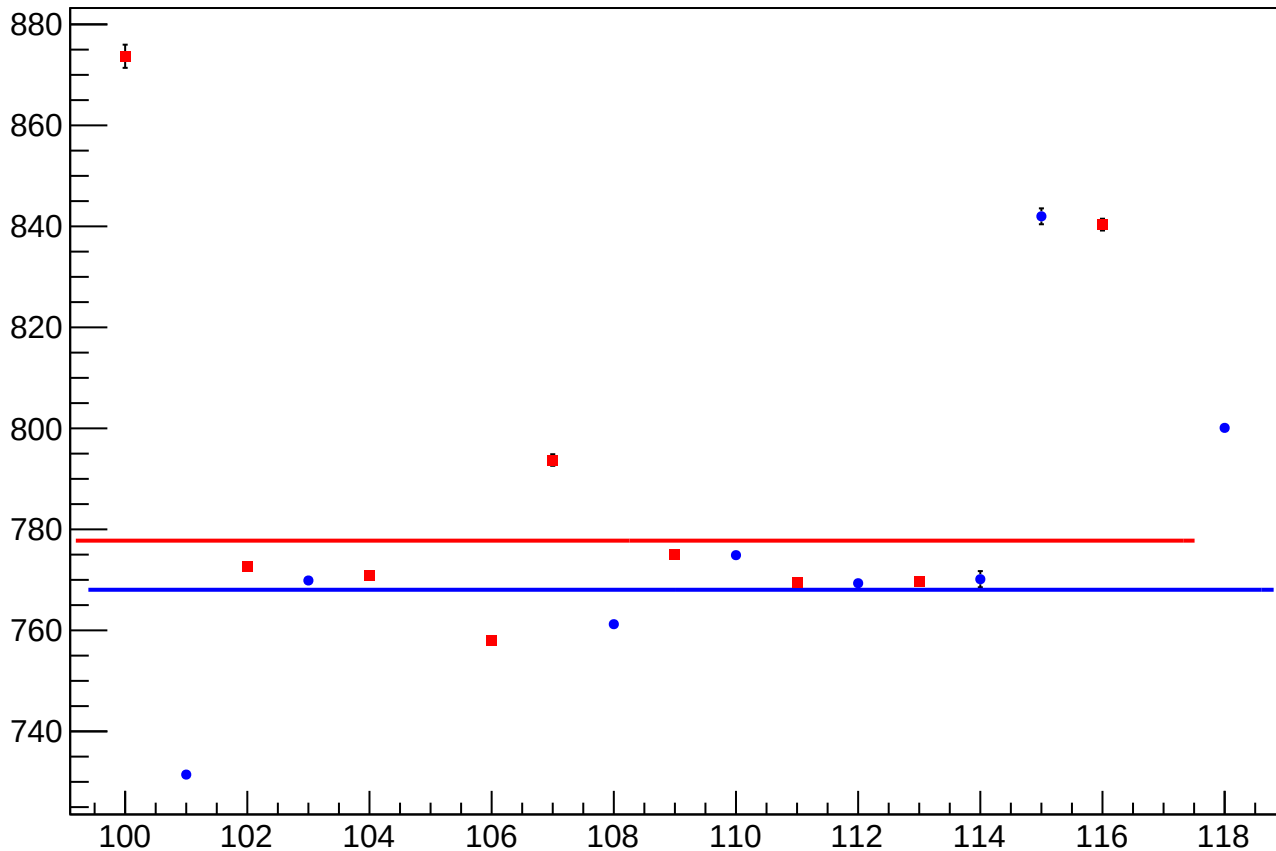
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 253.292 $\pm$ 295.023 χ^2 /NDF: 47.3/16

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

overload_cor_asym_us_avg_rms vs Slug



Right In: 768.040 $\pm$ 0.298 χ^2 /NDF: 7363.9/7

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

Right Out: 777.767 $\pm$ 0.292 χ^2 /NDF: 5612.9/8

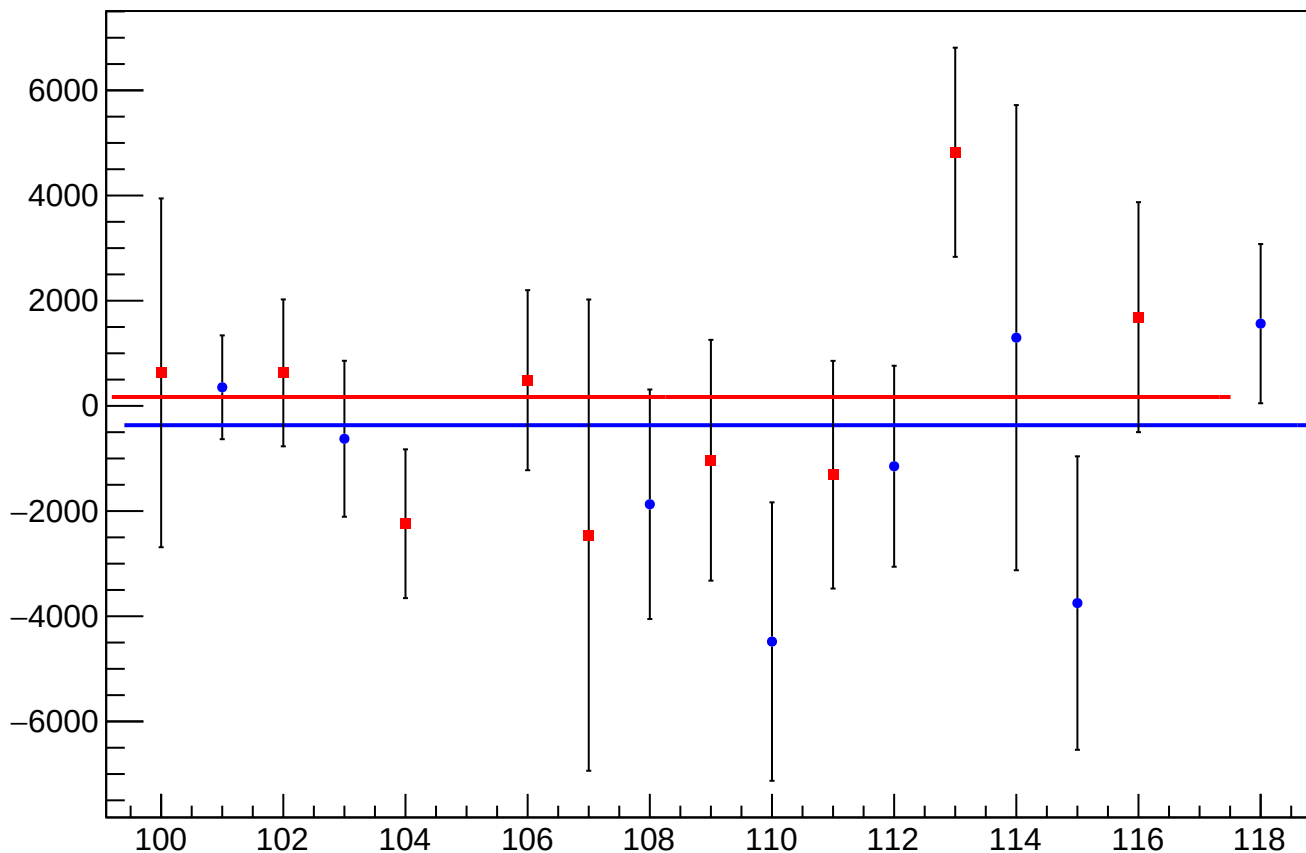
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 772.987 $\pm$ 0.209 χ^2 /NDF: 13520.2/16

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

asym_us_avg_overload_cor_correction_mean vs Slug



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: 169.112+/-650.858 χ^2/NDF : 10.1/8

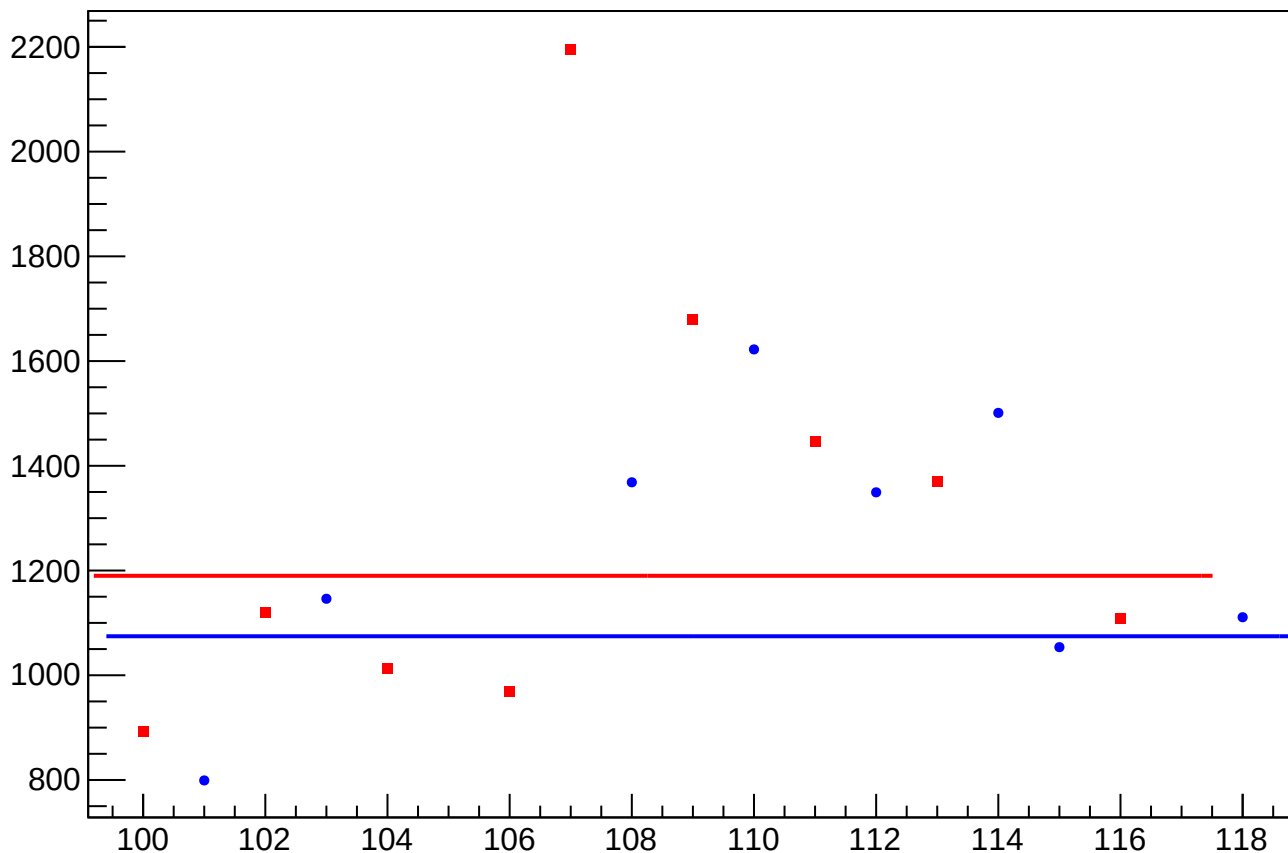
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -118.182+/-443.472 χ^2/NDF : 17.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



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: 1189.956+/-0.460 χ^2/NDF : 324857.1/8

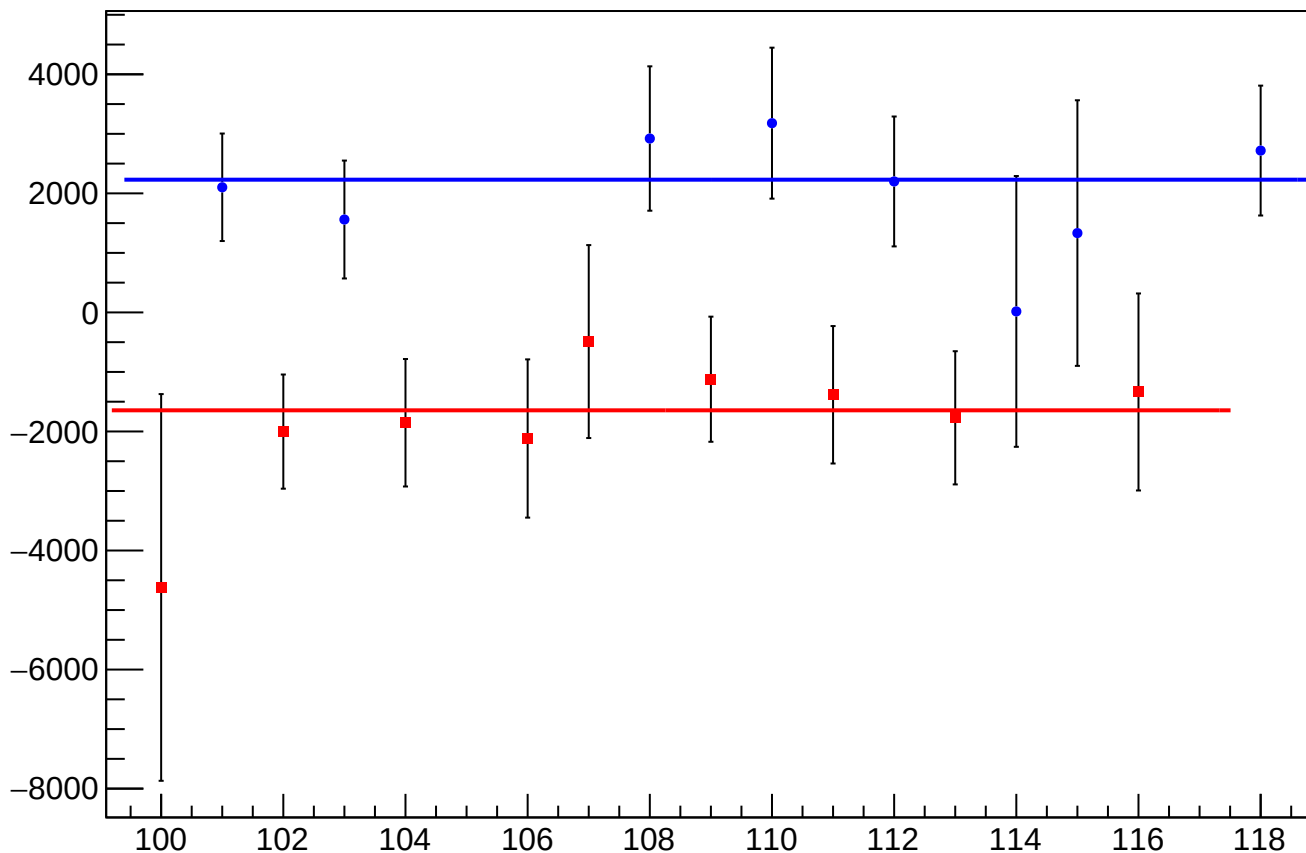
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1128.091+/-0.314 χ^2/NDF : 702108.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2229.733 $\pm$ 421.737 χ^2 /NDF: 2.7/7

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

Right Out: -1644.820 $\pm$ 414.503 χ^2 /NDF: 2.0/8

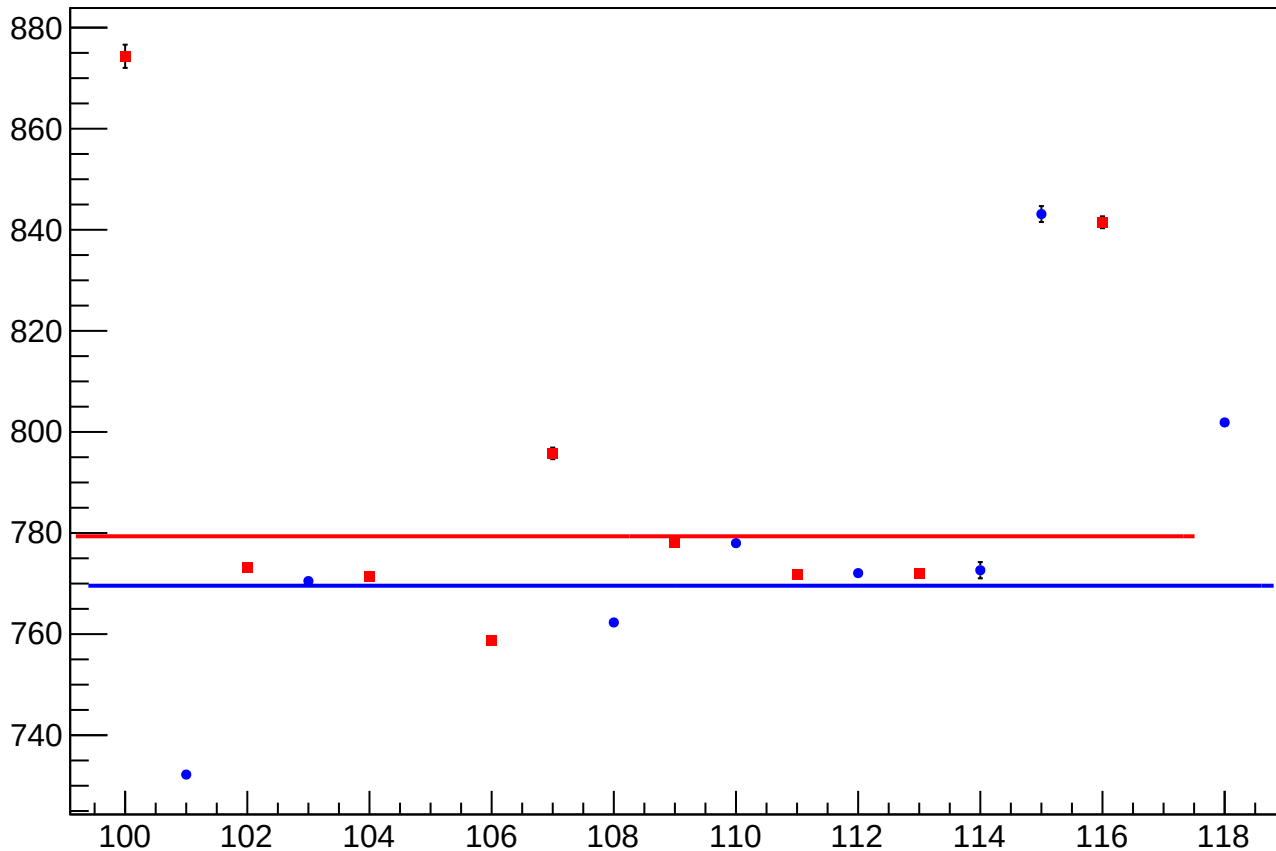
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 258.945 $\pm$ 295.622 χ^2 /NDF: 47.6/16

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

eigen_cor_asym_us_avg_rms vs Slug



Right In: 769.577 $\pm$ 0.298 χ^2 /NDF: 7527.1/7

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

Right Out: 779.357 $\pm$ 0.293 χ^2 /NDF: 5577.5/8

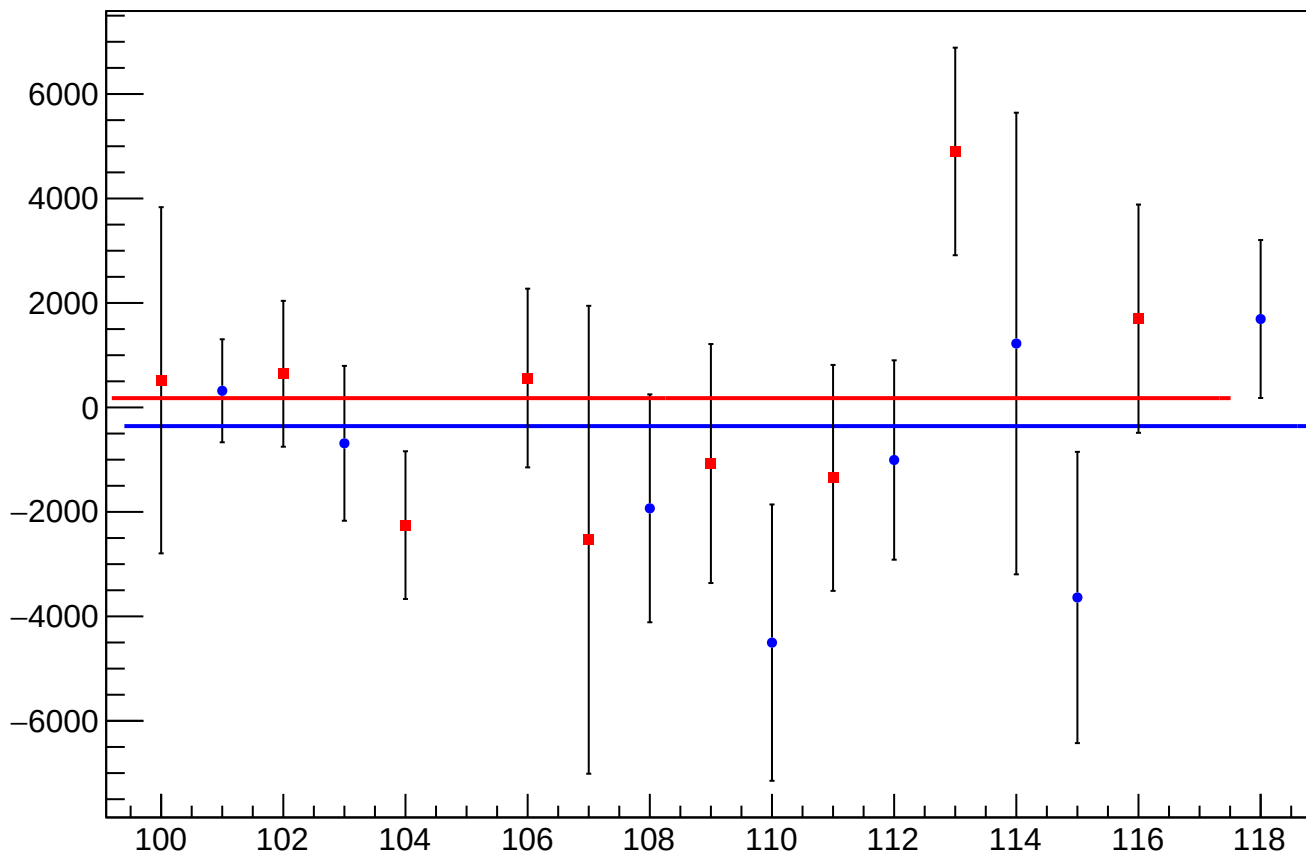
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 774.552 $\pm$ 0.209 χ^2 /NDF: 13651.6/16

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

asym_us_avg_eigen_cor_correction_mean vs Slug



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: 177.991+/-650.467 χ^2/NDF : 10.4/8

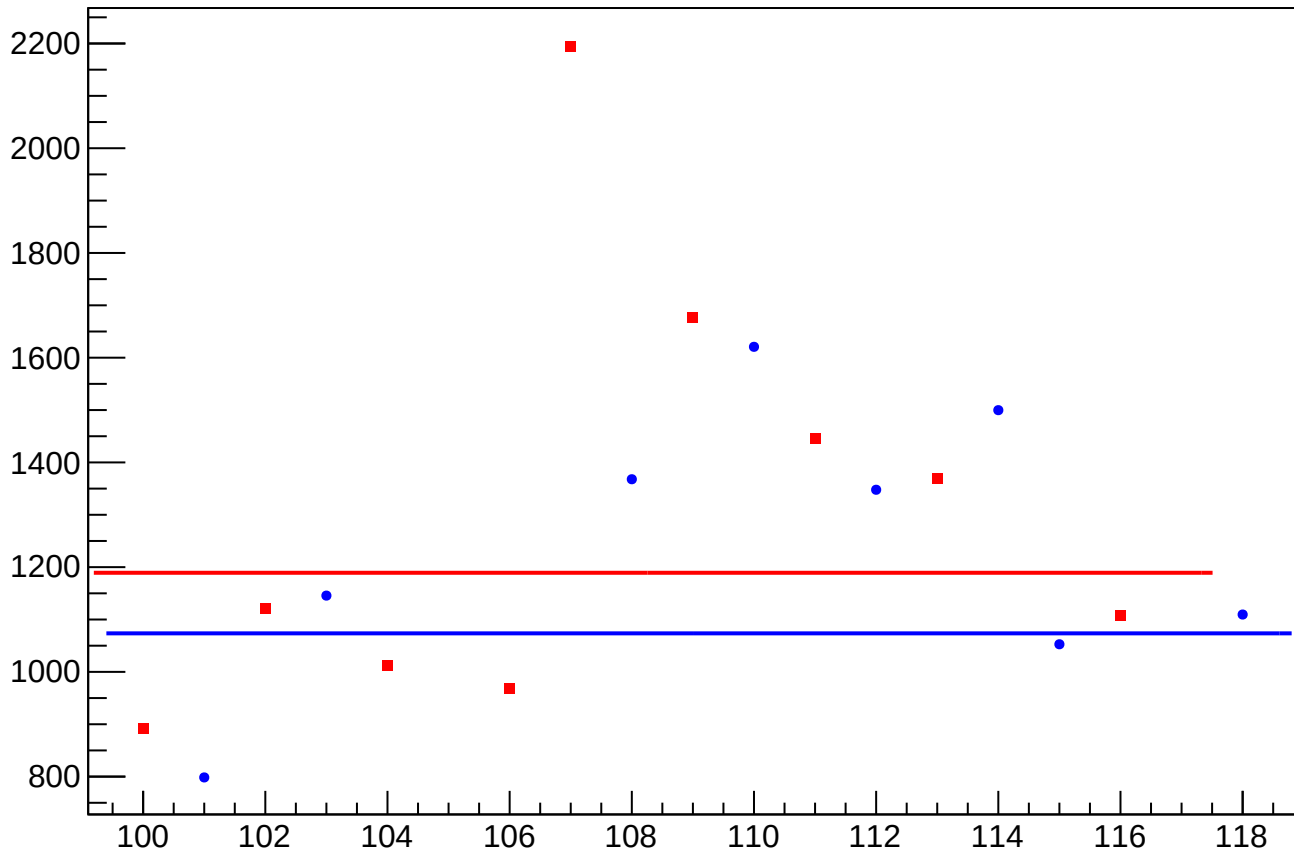
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.926+/-443.150 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1073.572 $\pm$ 0.428 χ^2 /NDF: 343603.5/7

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

Right Out: 1189.261 $\pm$ 0.460 χ^2 /NDF: 324594.6/8

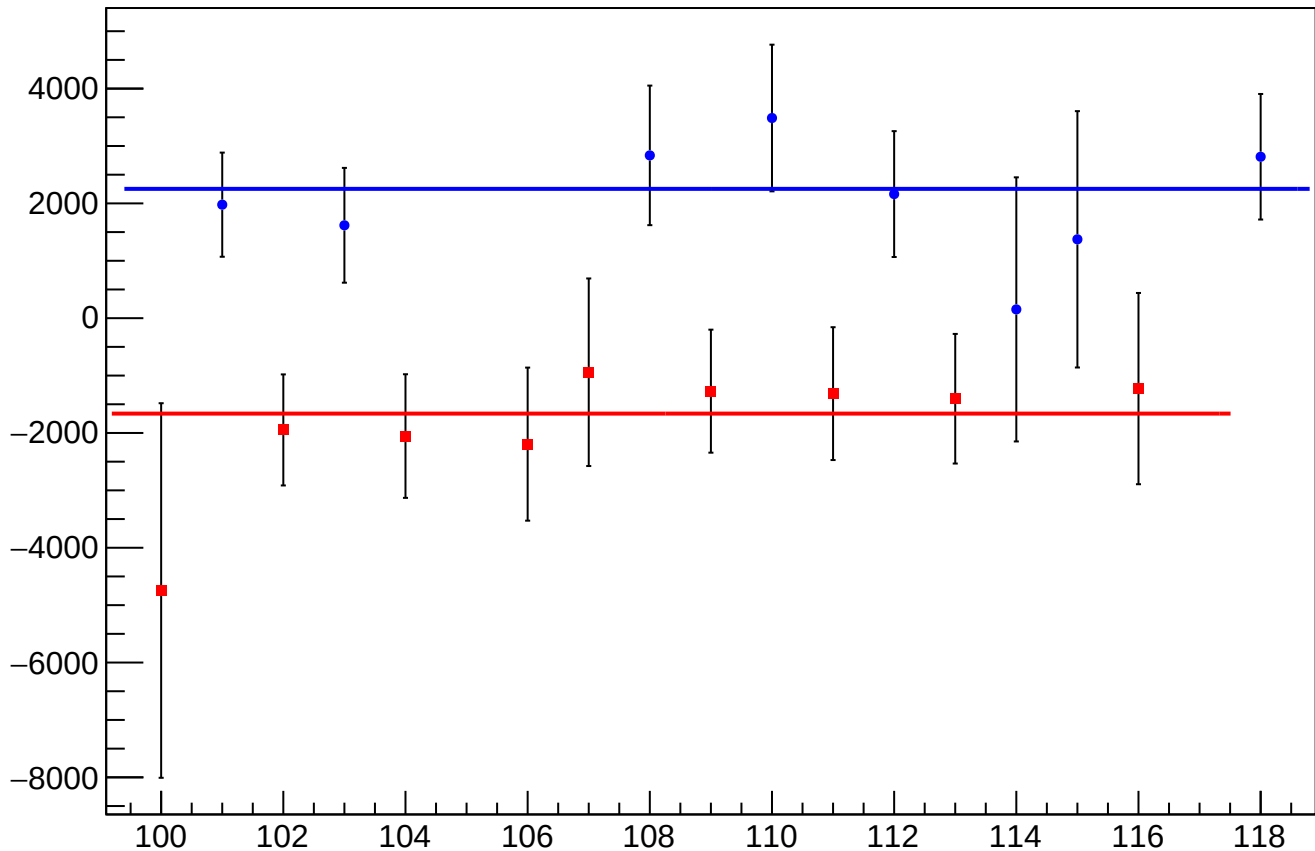
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1127.268 $\pm$ 0.313 χ^2 /NDF: 702099.0/16

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

dit_asym_us_avg_mean vs Slug



Right In: 2253.203 $\pm$ 424.083 χ^2 /NDF: 2.9/7

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

Right Out: -1662.511 $\pm$ 417.997 χ^2 /NDF: 1.8/8

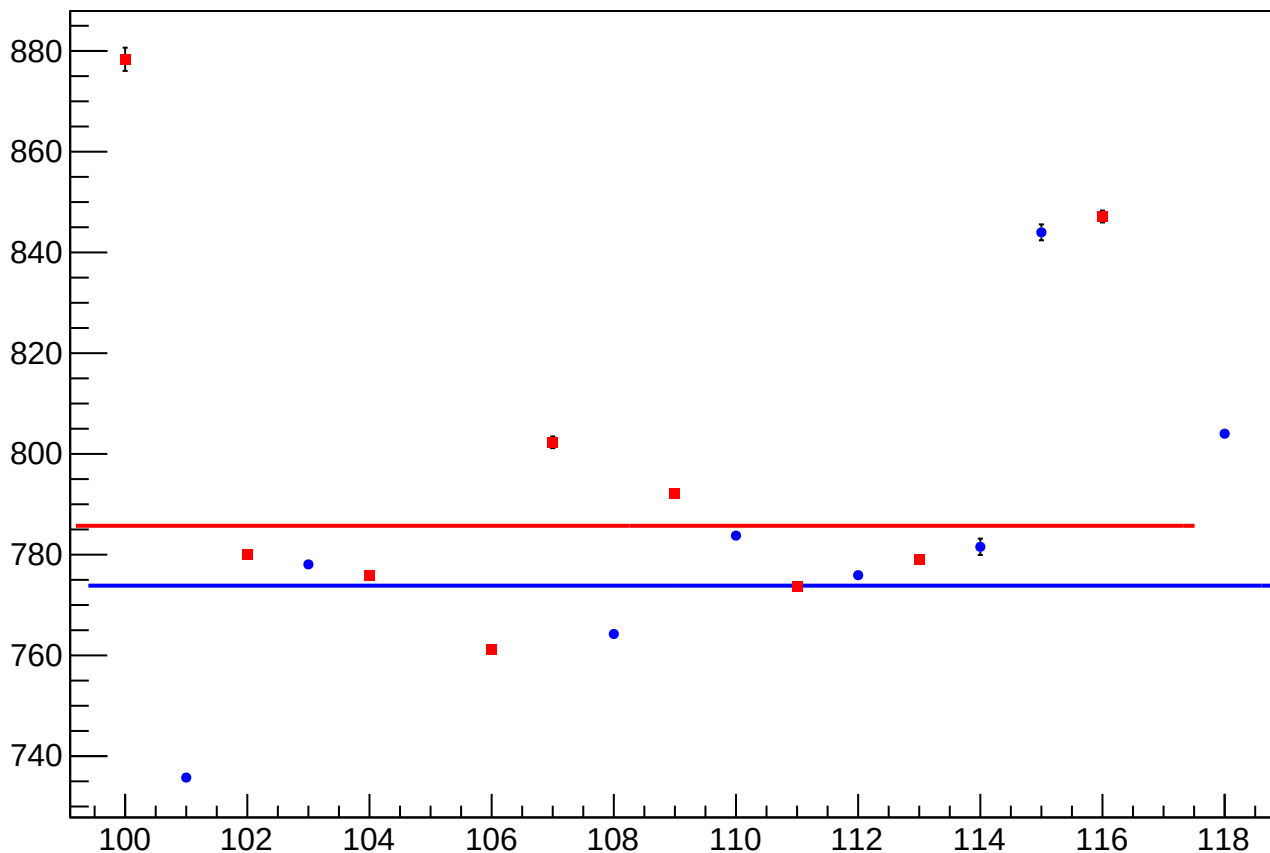
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 267.045 $\pm$ 297.697 χ^2 /NDF: 48.0/16

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

dit_asym_us_avg_rms vs Slug



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: 785.729 $\pm$ 0.296 χ^2 /NDF: 5805.7/8

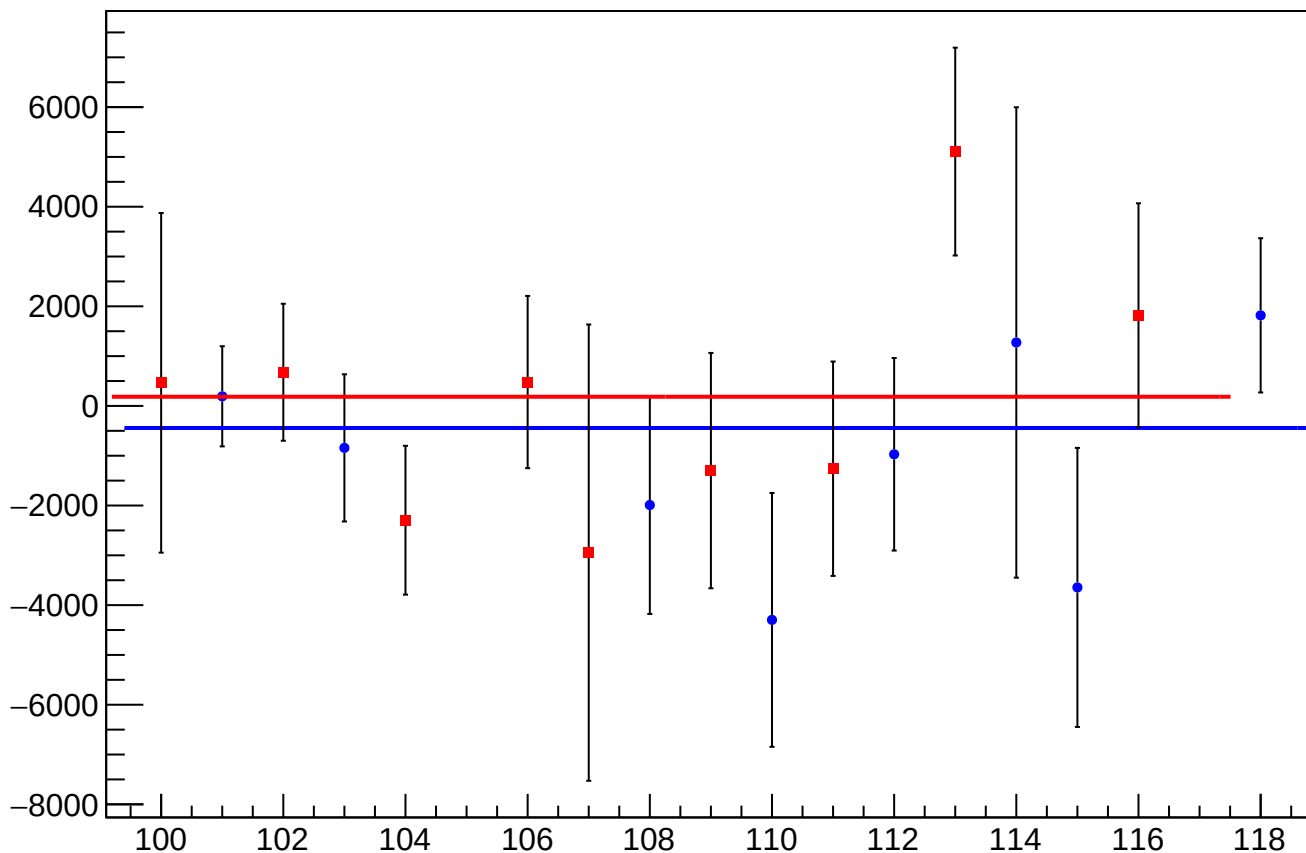
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.873 $\pm$ 0.211 χ^2 /NDF: 13933.6/16

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

asym_us_avg_dit_correction_mean vs Slug



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: 184.368+/-664.120 χ^2/NDF : 10.3/8

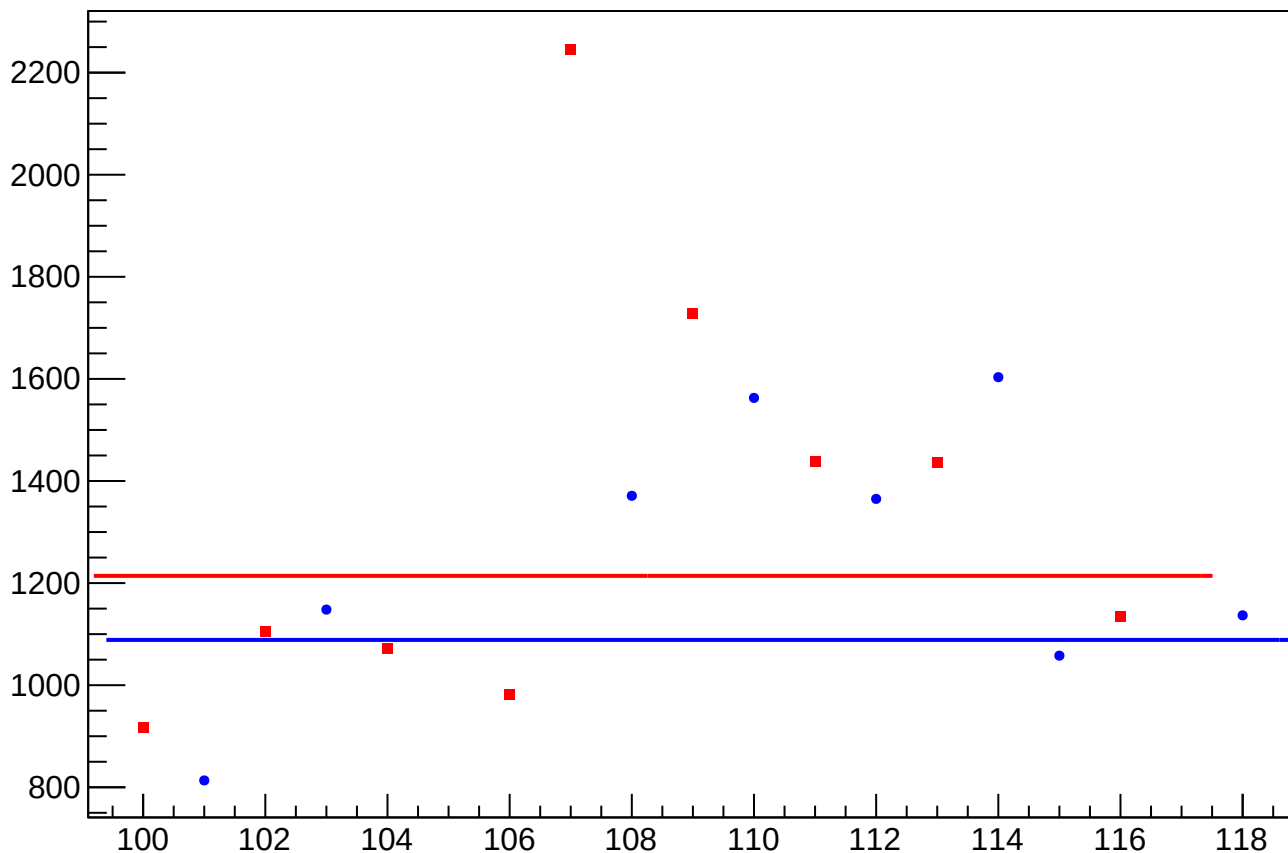
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.558+/-450.210 χ^2/NDF : 17.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1088.684 $\pm$ 0.433 χ^2 /NDF: 322401.0/7

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

Right Out: 1214.170 $\pm$ 0.470 χ^2 /NDF: 324894.2/8

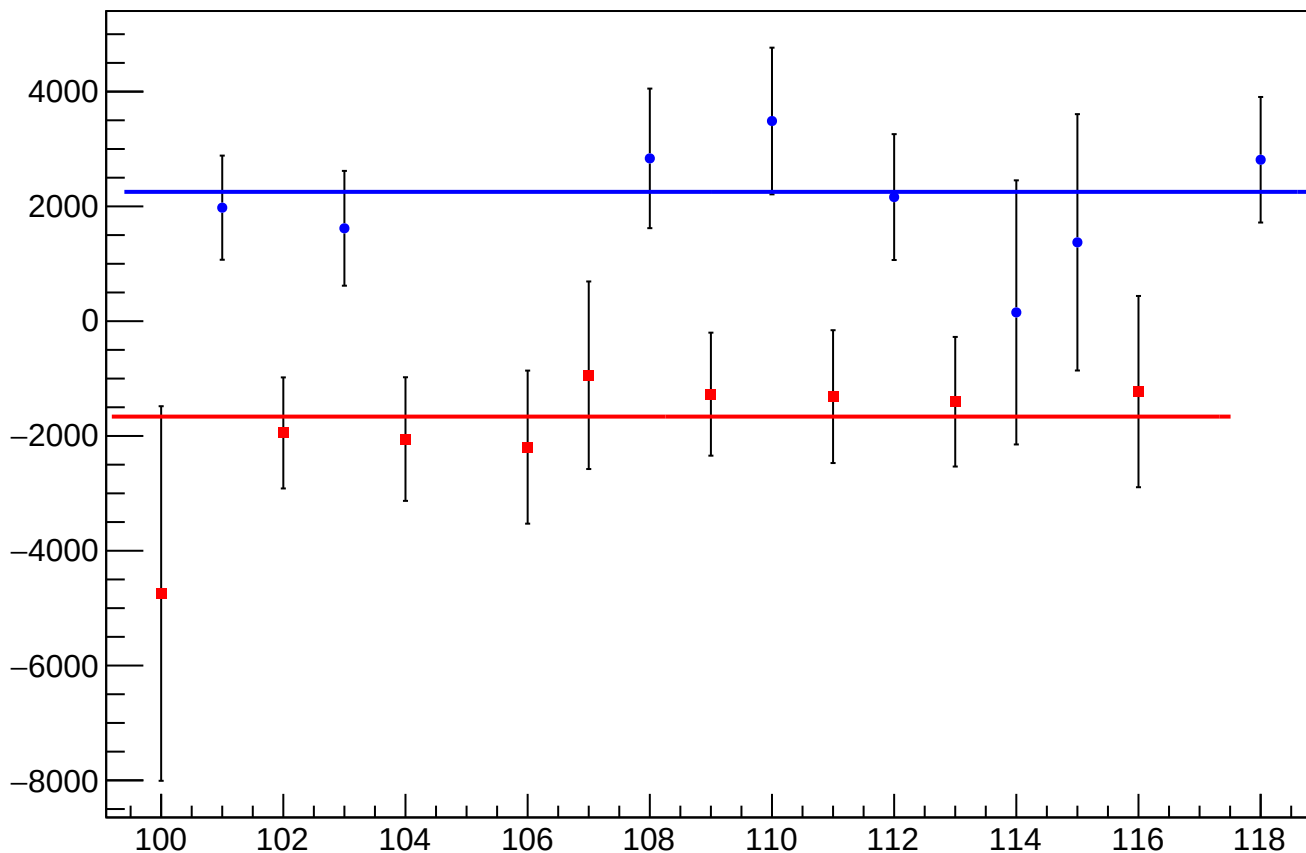
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1146.351 $\pm$ 0.318 χ^2 /NDF: 685886.1/16

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

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2253.205 $\pm$ 424.083 χ^2 /NDF: 2.9/7

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

Right Out: -1662.510 $\pm$ 417.997 χ^2 /NDF: 1.8/8

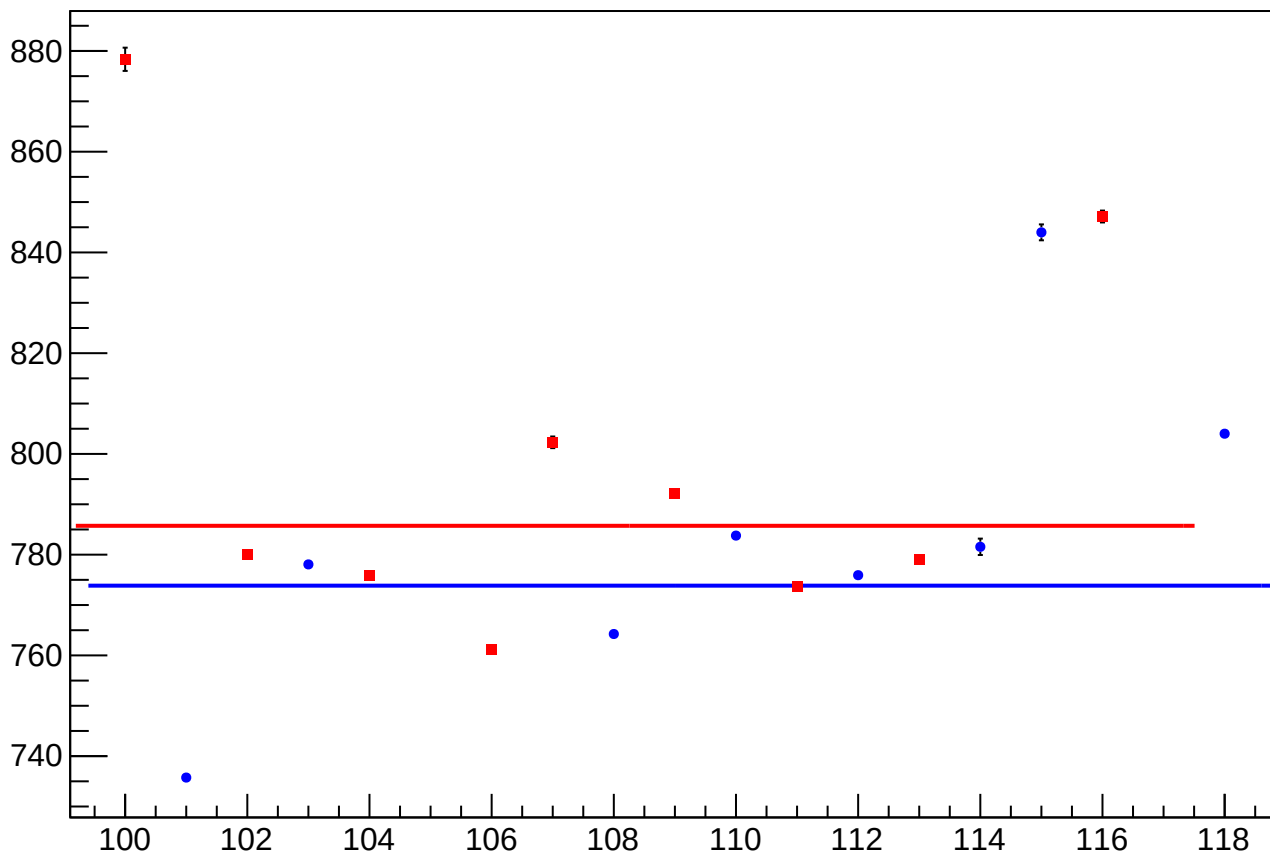
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 267.046 $\pm$ 297.697 χ^2 /NDF: 48.0/16

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

eigen_dit_asym_us_avg_rms vs Slug



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: 785.729 $\pm$ 0.296 χ^2 /NDF: 5805.7/8

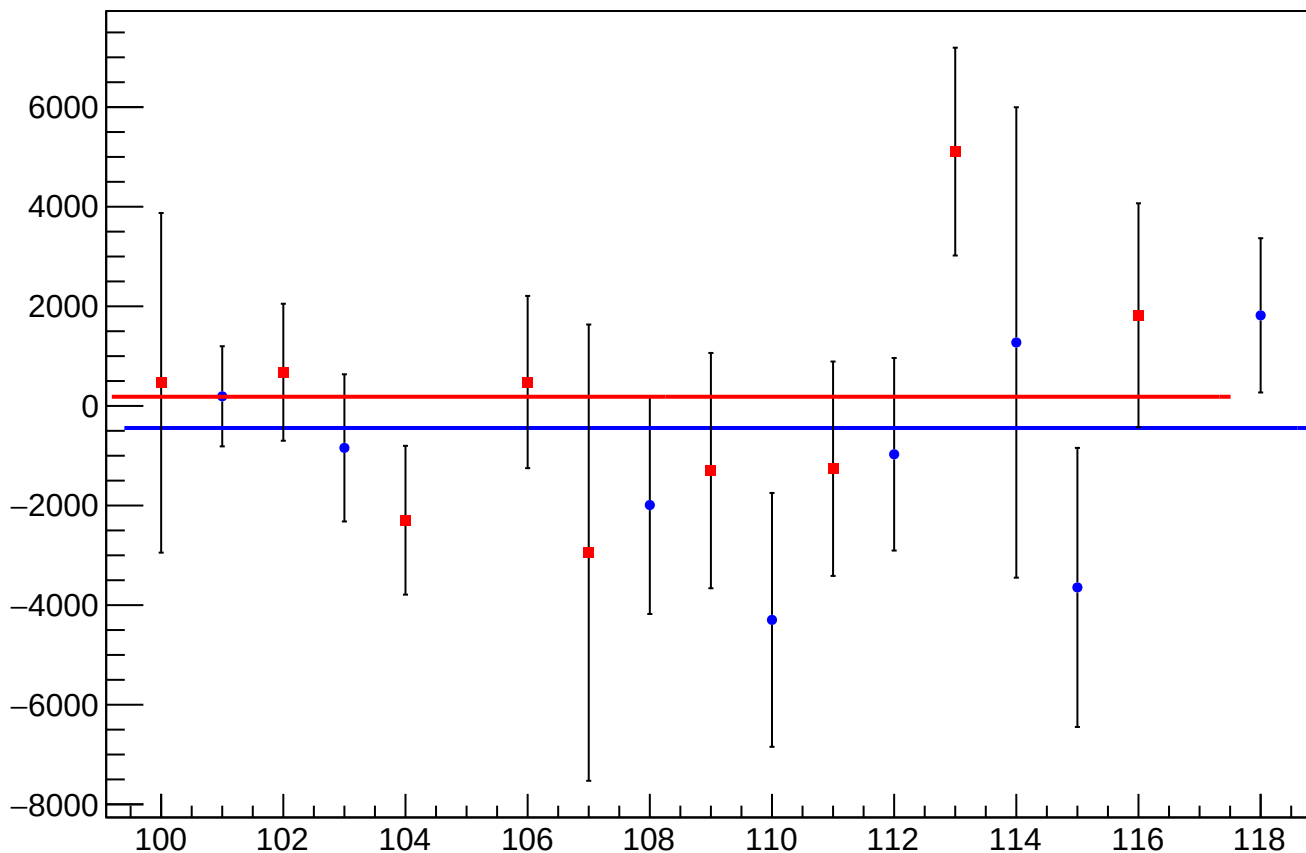
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.873 $\pm$ 0.211 χ^2 /NDF: 13933.5/16

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

asym_us_avg_eigen_dit_correction_mean vs Slug



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: 184.369+/-664.119 χ^2 /NDF: 10.3/8

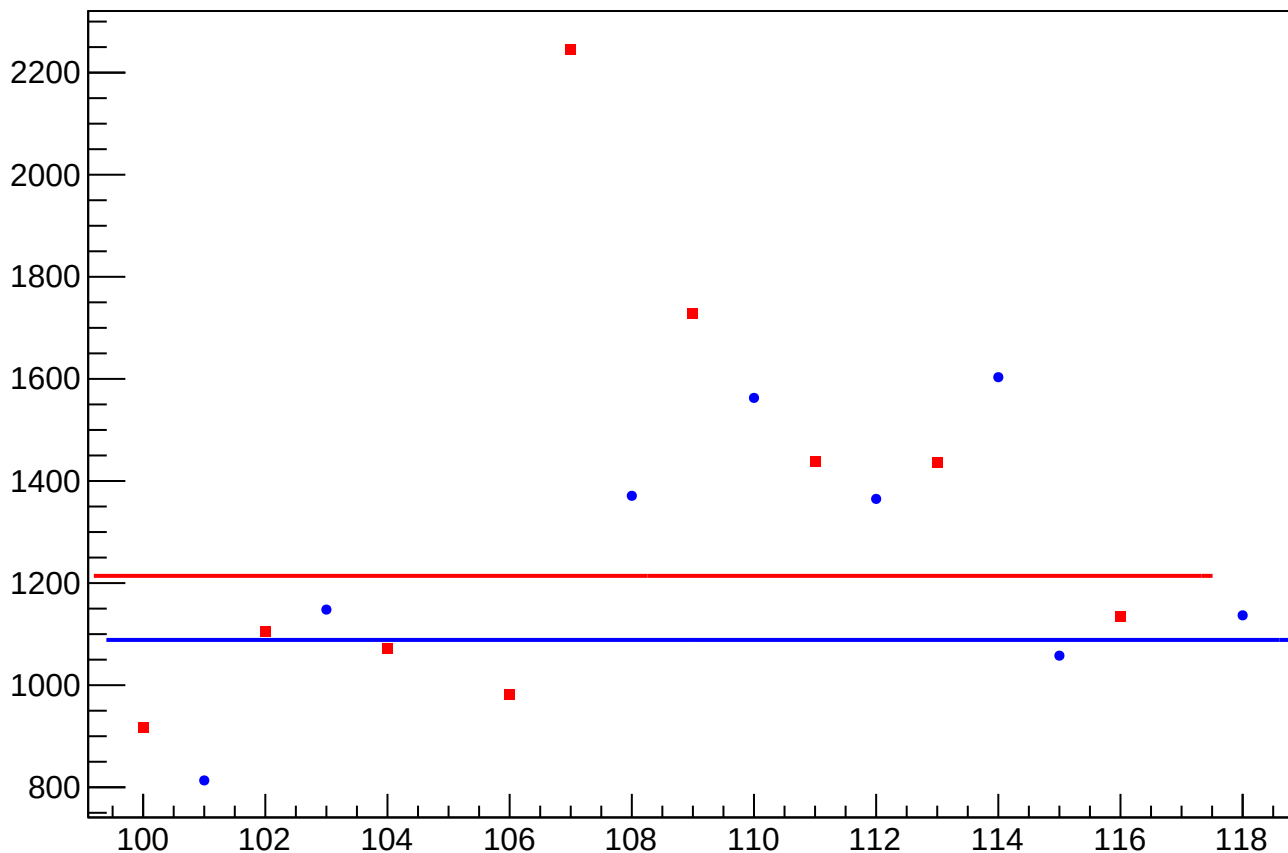
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -154.557+/-450.209 χ^2 /NDF: 17.7/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



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: 1214.167+/-0.470 χ^2/NDF : 324892.3/8

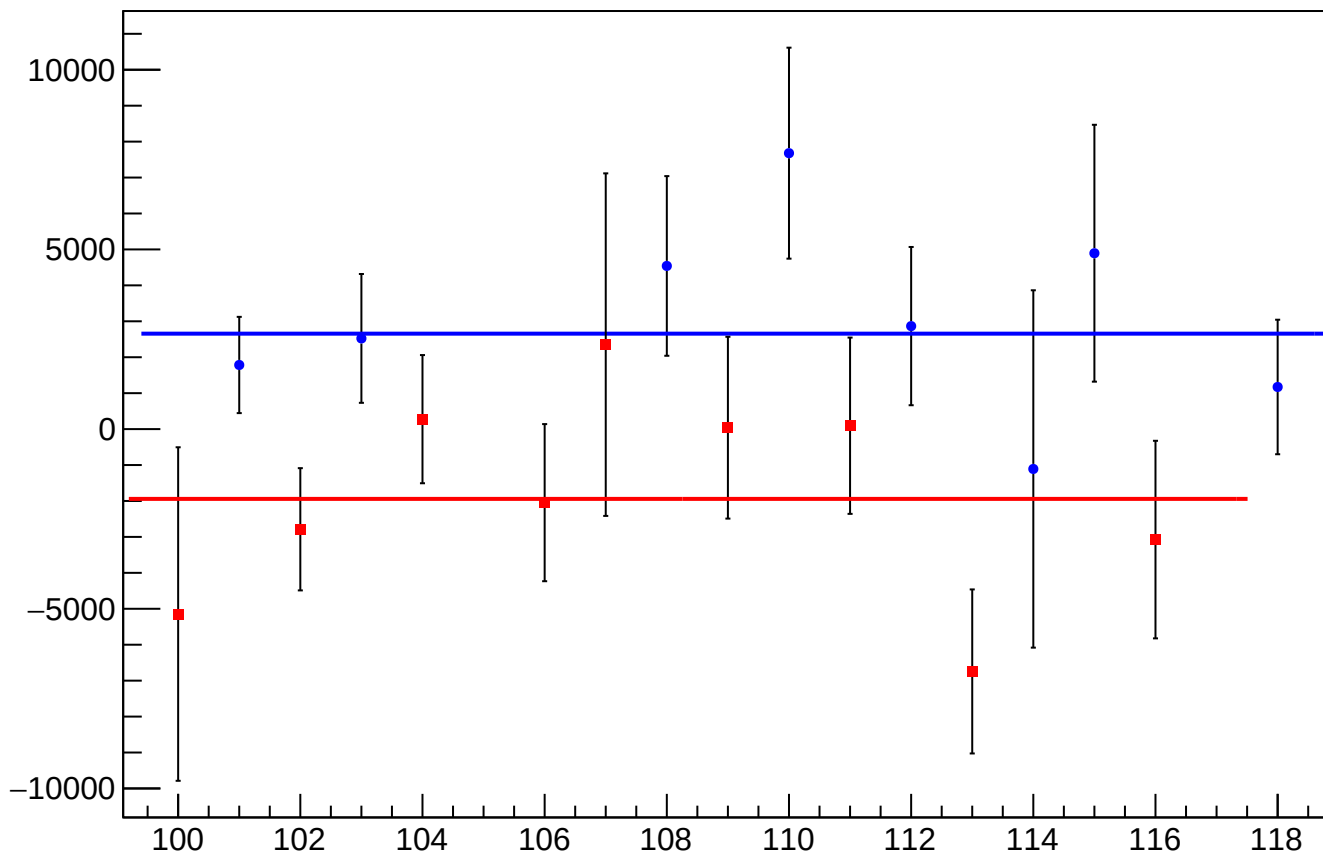
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.349+/-0.318 χ^2/NDF : 685882.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2655.939 $\pm$ 754.800 χ^2 /NDF: 5.5/7

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

Right Out: -1942.130 $\pm$ 788.986 χ^2 /NDF: 9.0/8

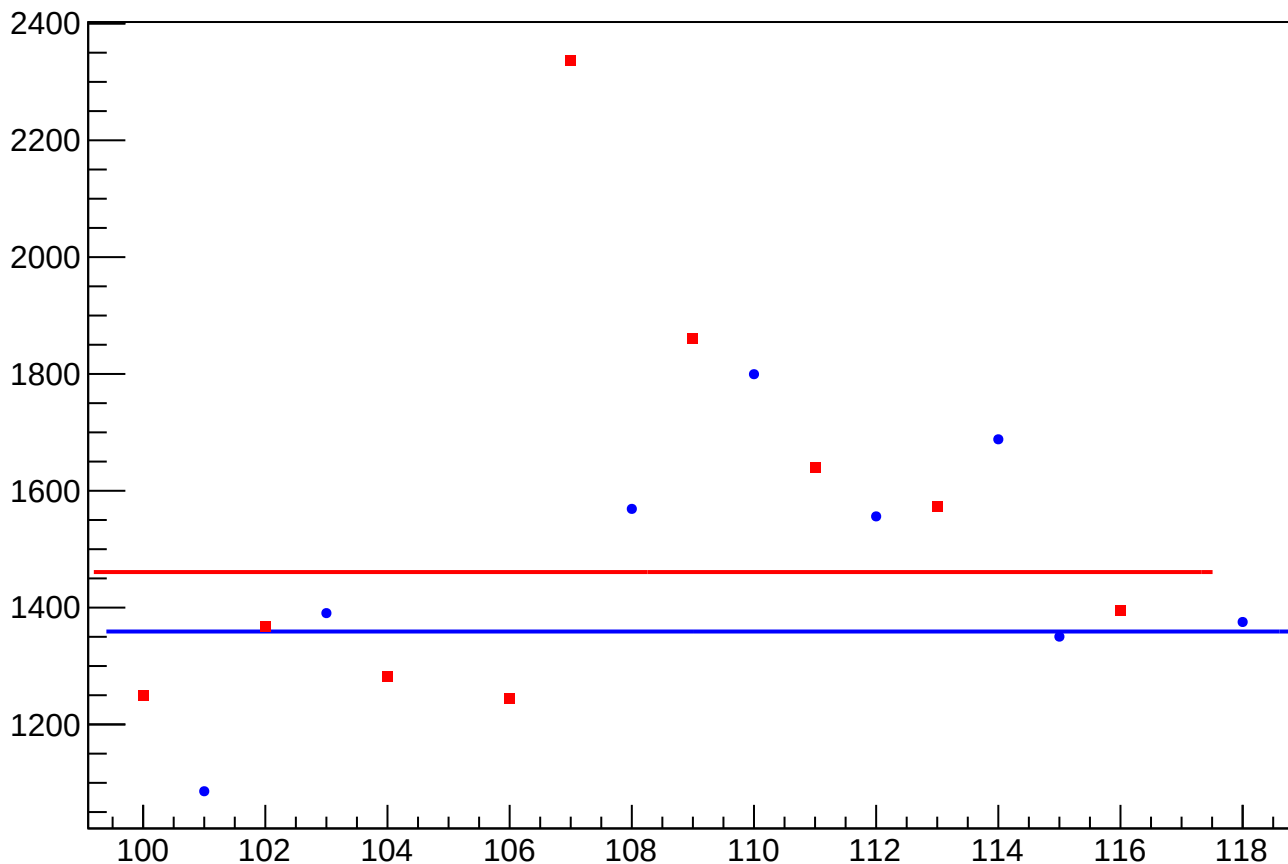
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 458.676 $\pm$ 545.409 χ^2 /NDF: 32.2/16

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

asym_us_avg_rms vs Slug



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: 1460.867+/-0.558 χ^2/NDF : 183857.3/8

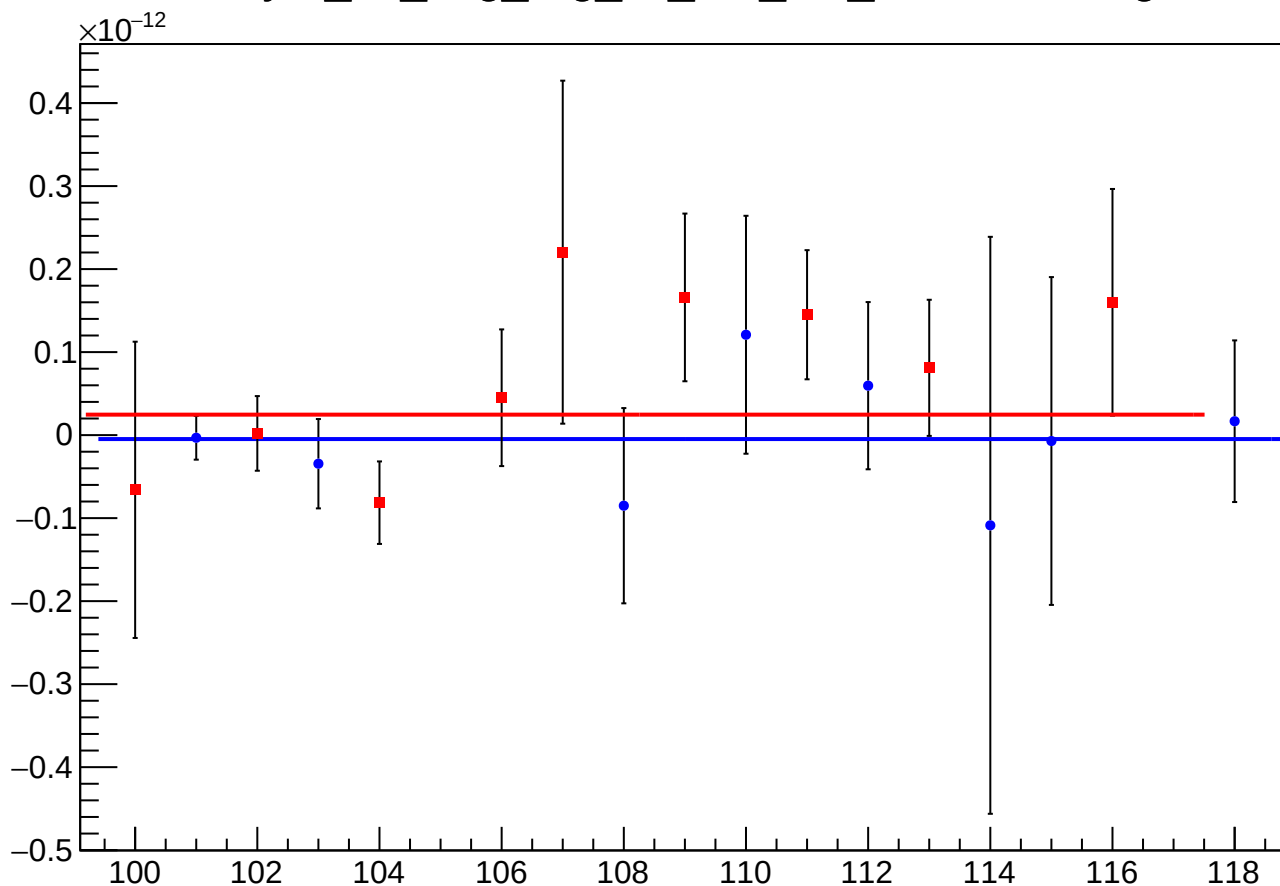
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.718+/-0.386 χ^2/NDF : 369326.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/8

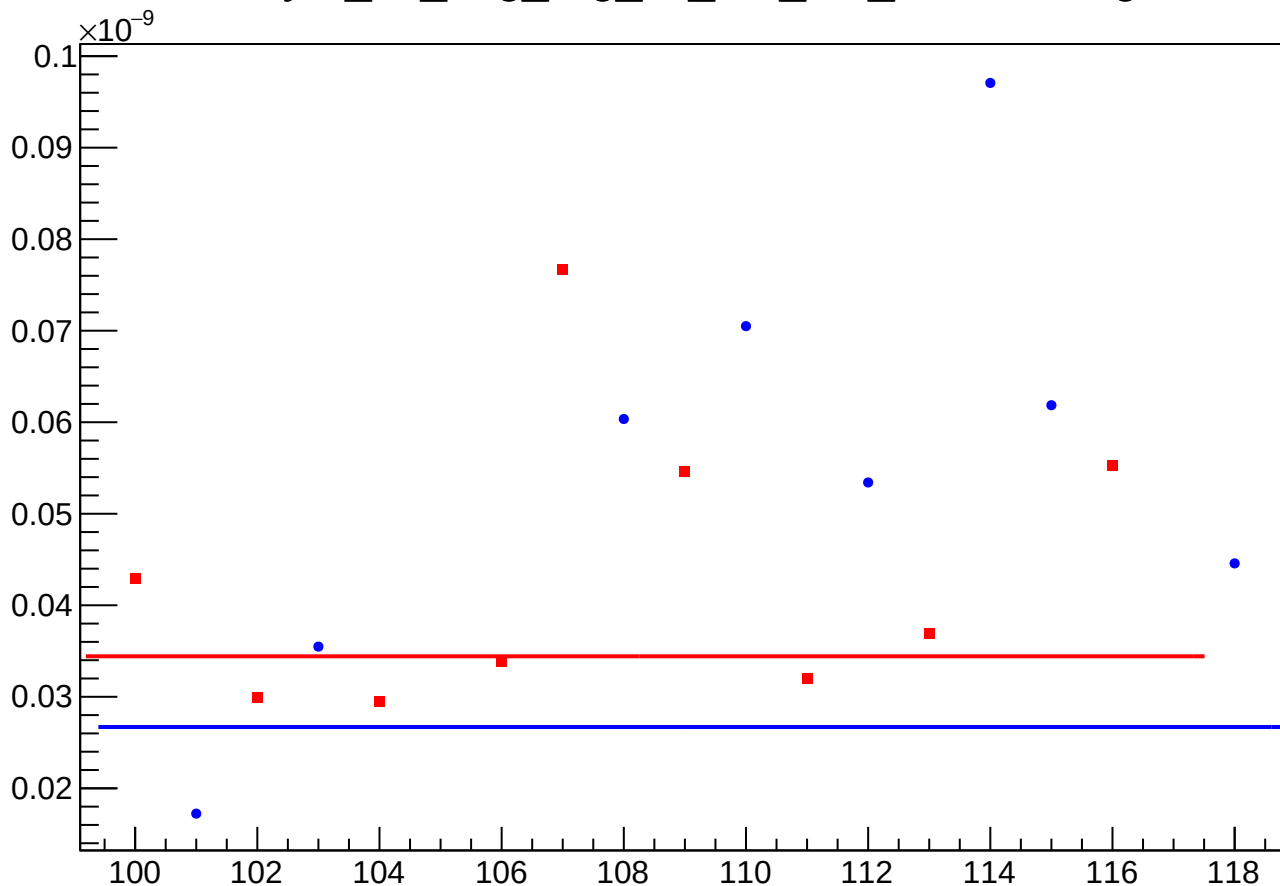
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/16

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

asym_us_avg_reg_vs_cor_diff_rms vs Slug



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 : 258323.8/8

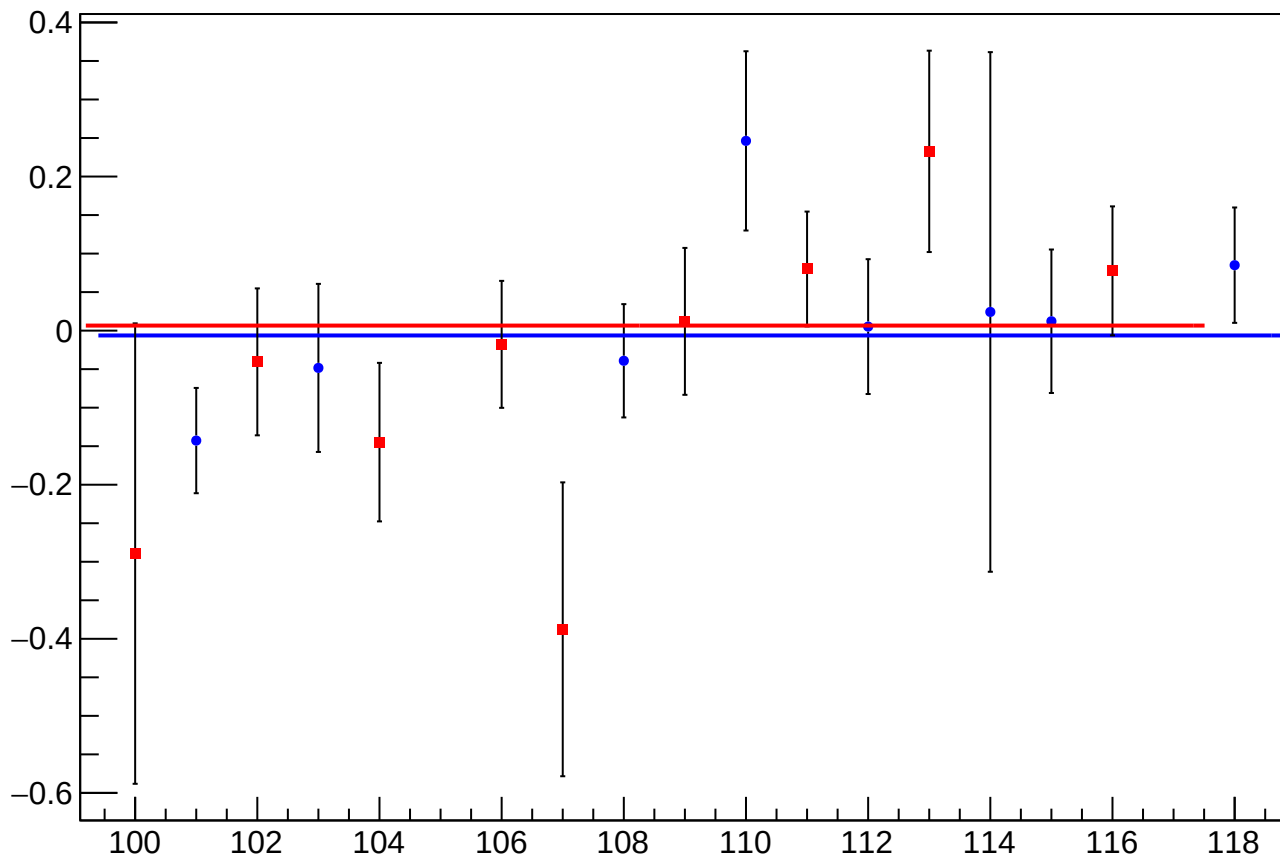
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1381183.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



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: 0.007 $\pm$ 0.034 χ^2 /NDF: 12.4/8

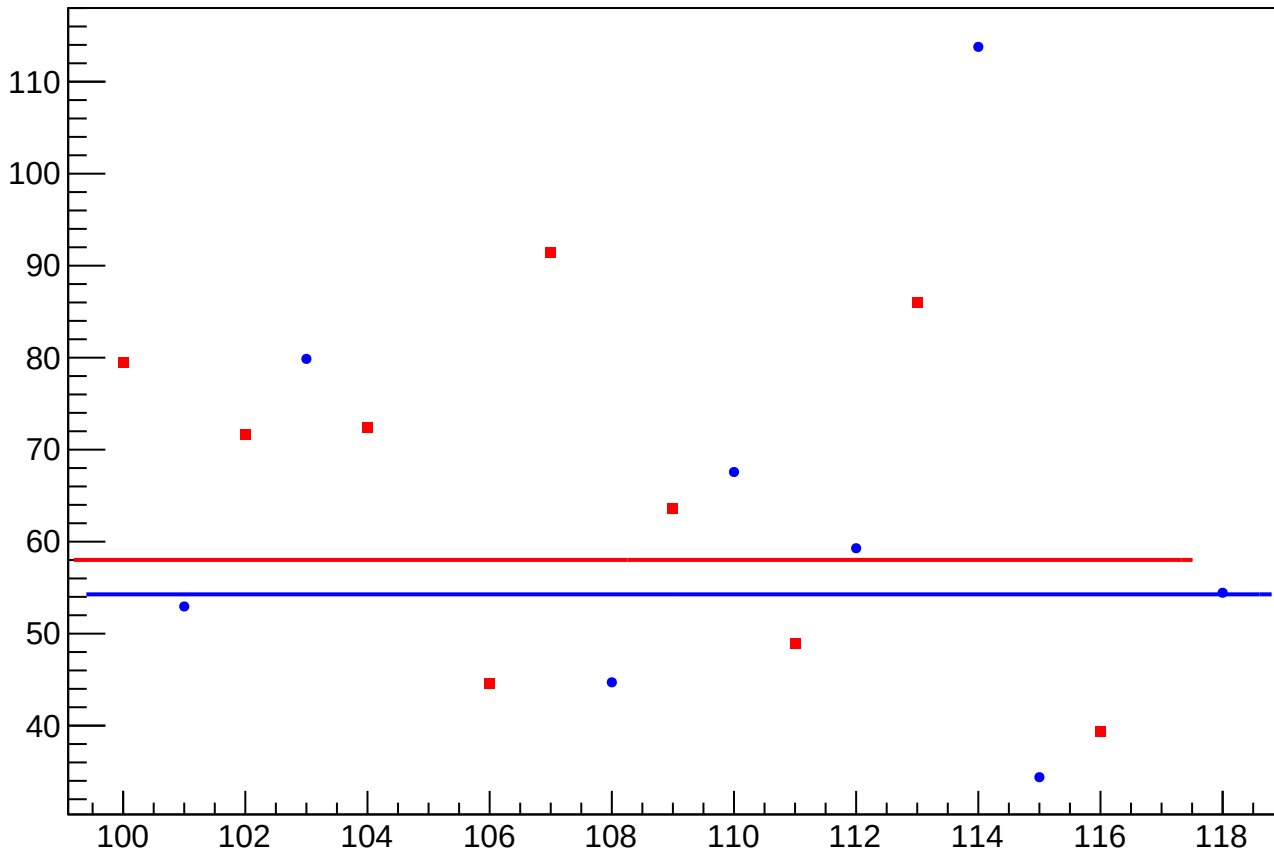
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.023 χ^2 /NDF: 23.1/16

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

asym_us_avg_dit_vs_cor_diff_rms vs Slug



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: 58.015+/-0.024 χ^2/NDF : 432363.2/8

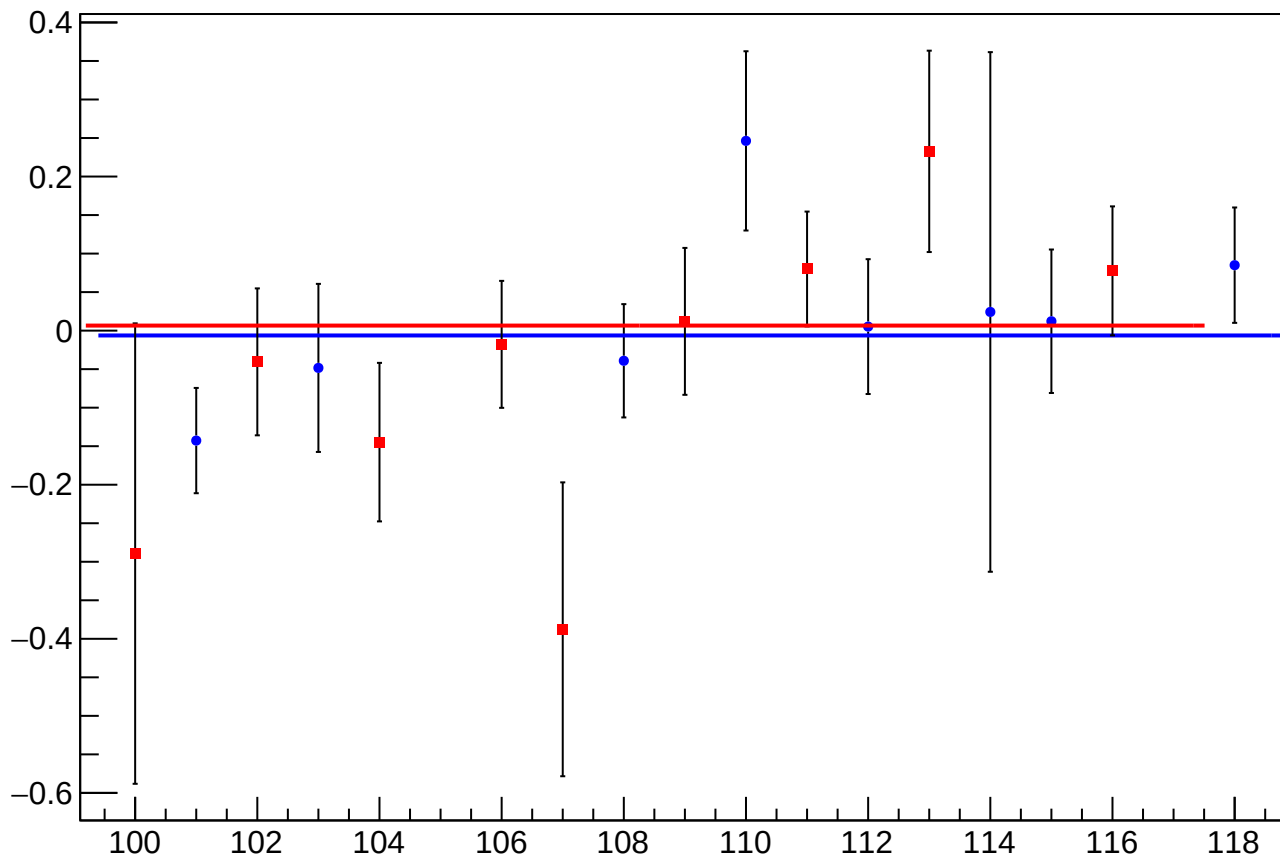
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.036+/-0.016 χ^2/NDF : 776245.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.007+/-0.034 χ^2/NDF : 12.4/8

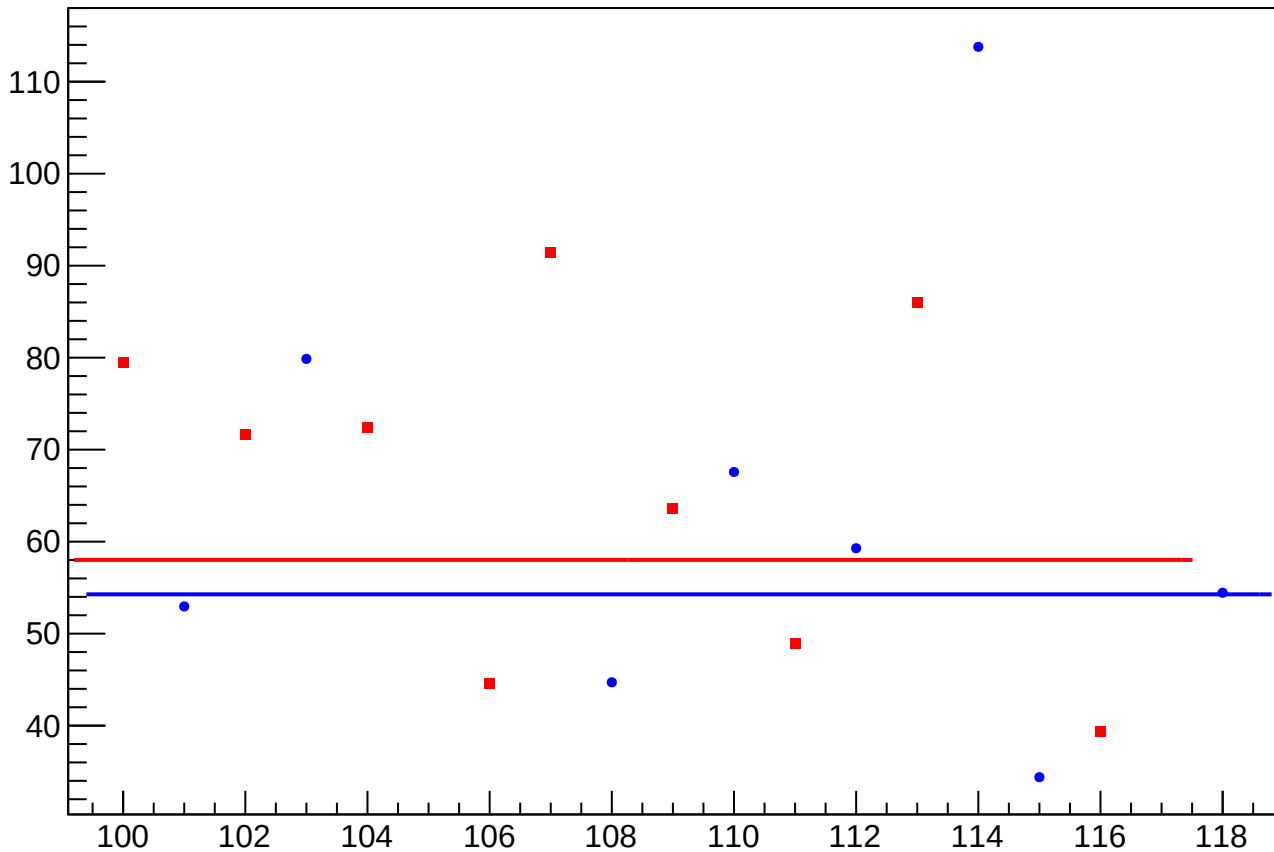
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.023 χ^2/NDF : 23.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 58.015+/-0.024 χ^2/NDF : 432363.2/8

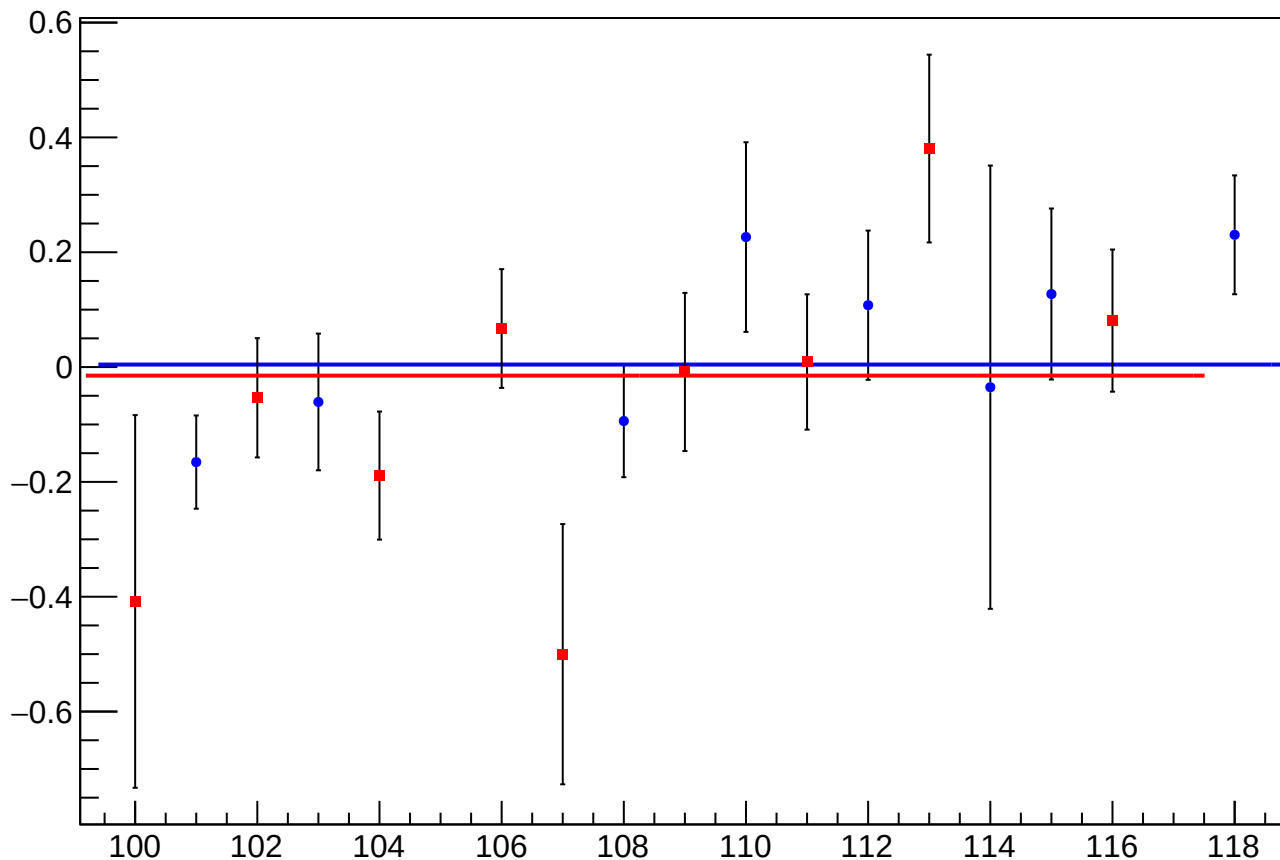
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.036+/-0.016 χ^2/NDF : 776245.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.042 χ^2 /NDF: 13.6/7

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

Right Out: -0.015 $\pm$ 0.044 χ^2 /NDF: 15.7/8

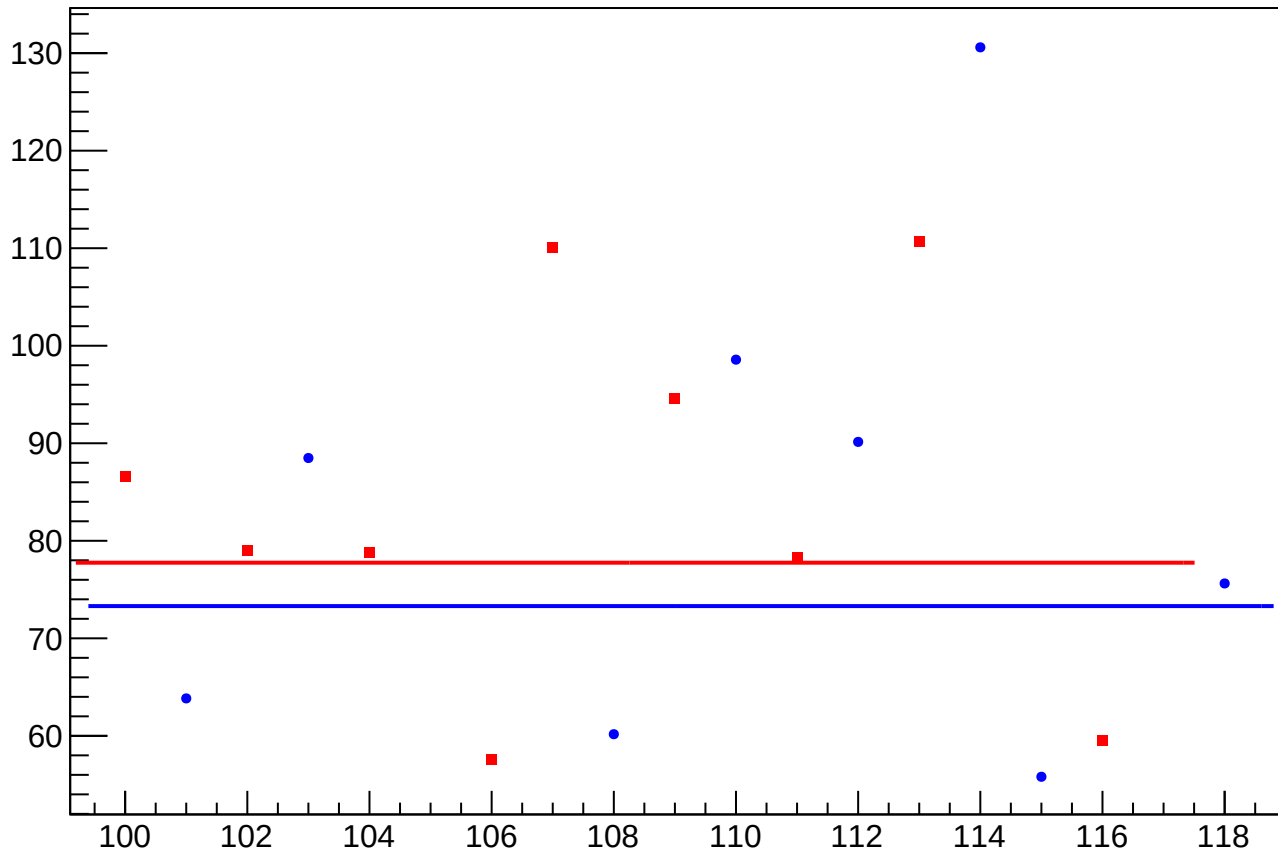
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.005 $\pm$ 0.030 χ^2 /NDF: 29.4/16

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

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 73.306 $\pm$ 0.030 χ^2 /NDF: 248851.6/7

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

Right Out: 77.755 $\pm$ 0.031 χ^2 /NDF: 273001.0/8

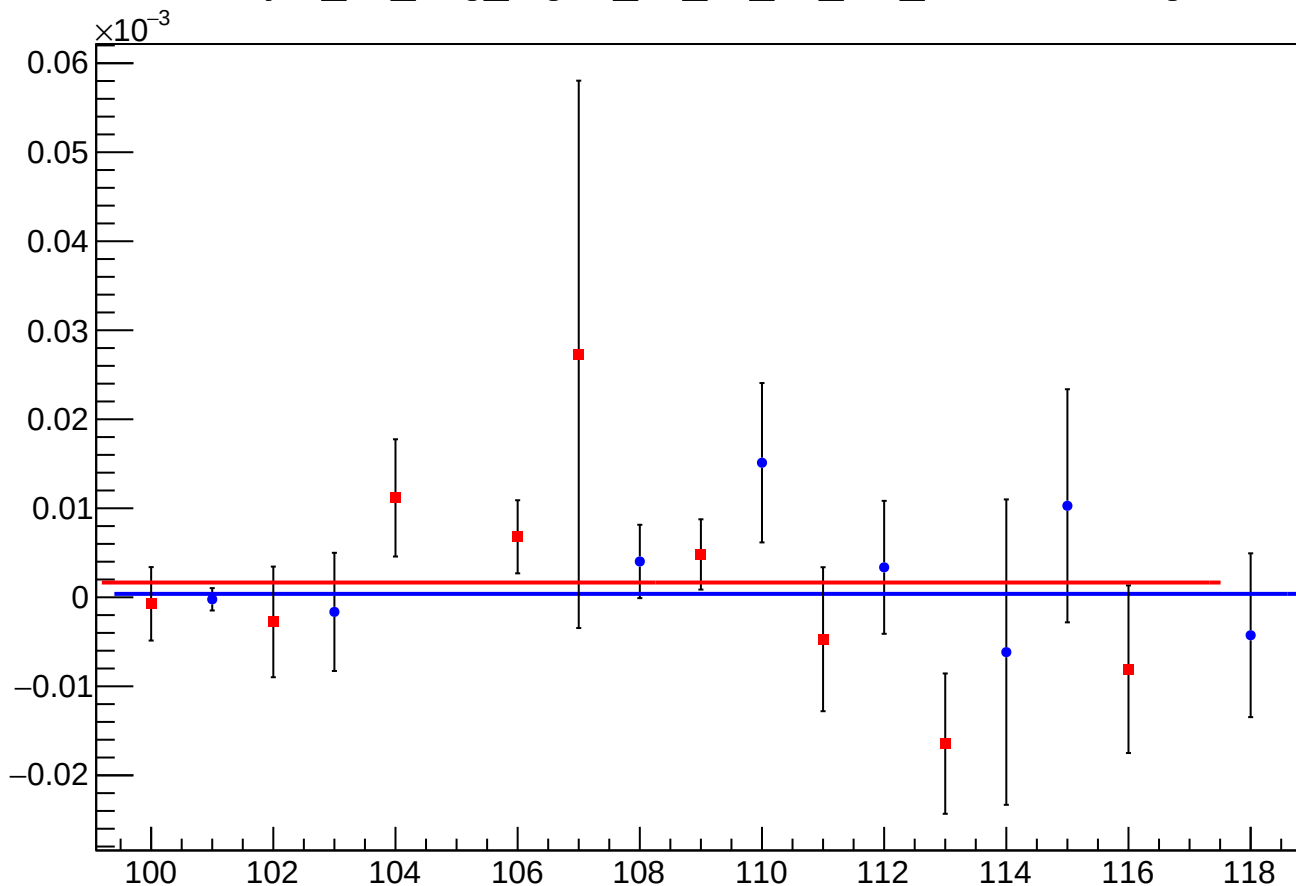
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 75.439 $\pm$ 0.021 χ^2 /NDF: 532627.5/16

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

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 12.8/8

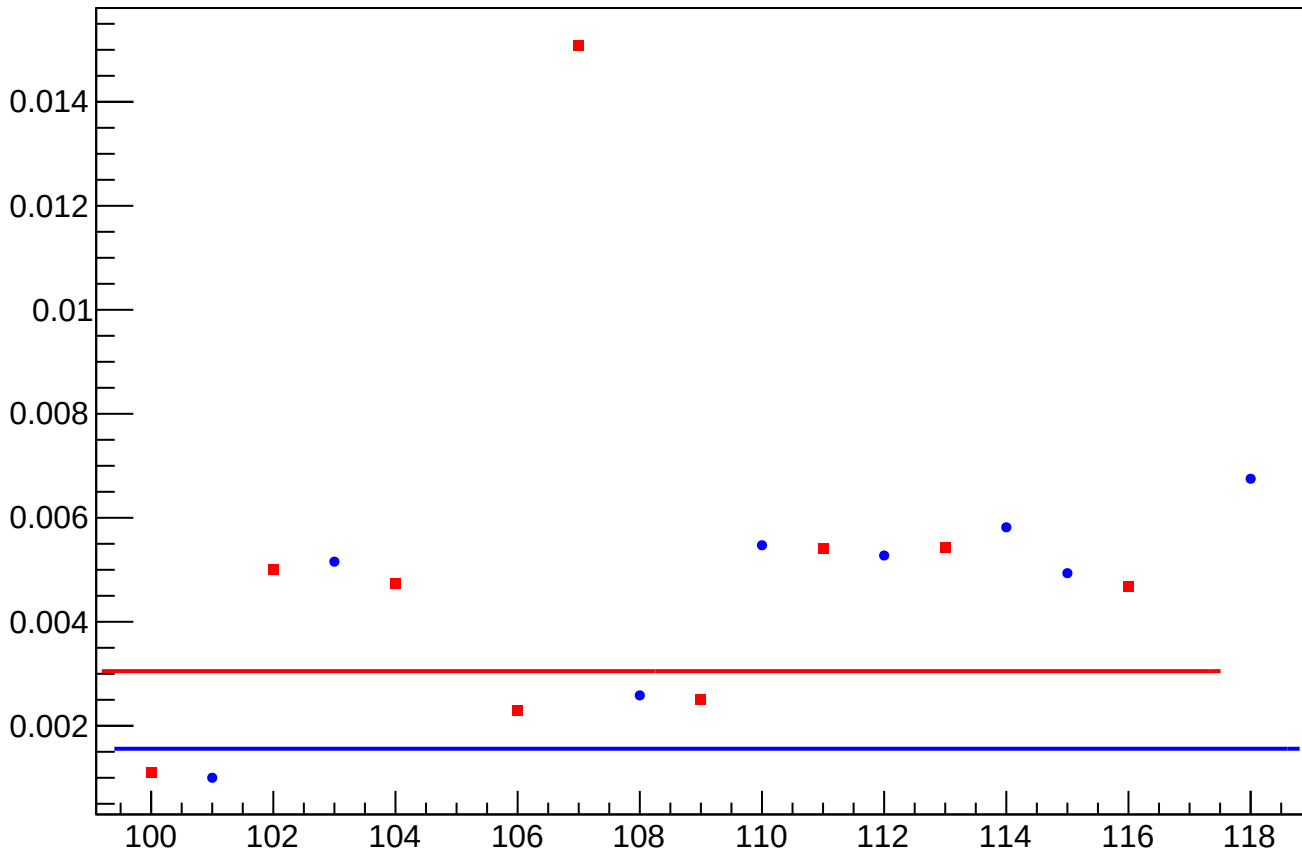
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 18.1/16

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

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1594720.1/8

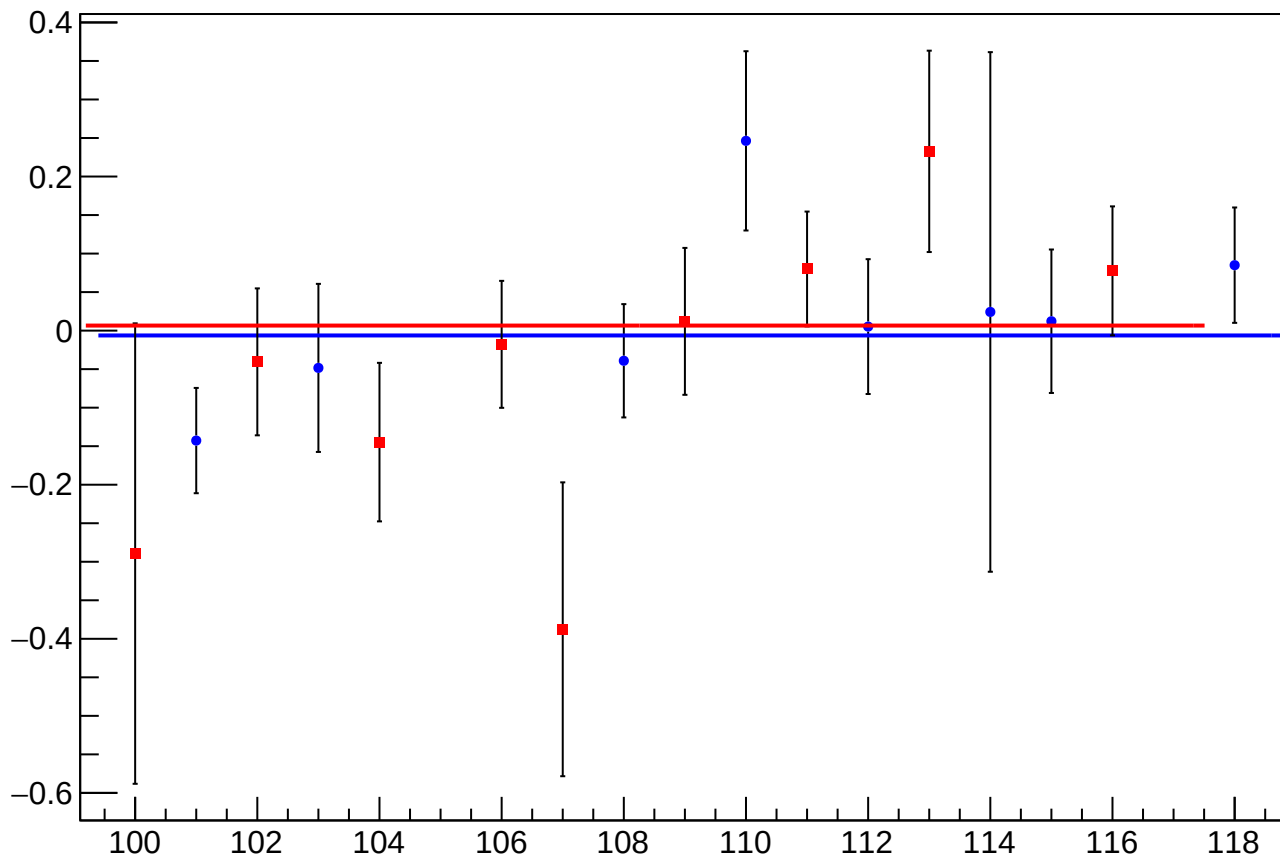
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5372004.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.007+/-0.034 χ^2/NDF : 12.4/8

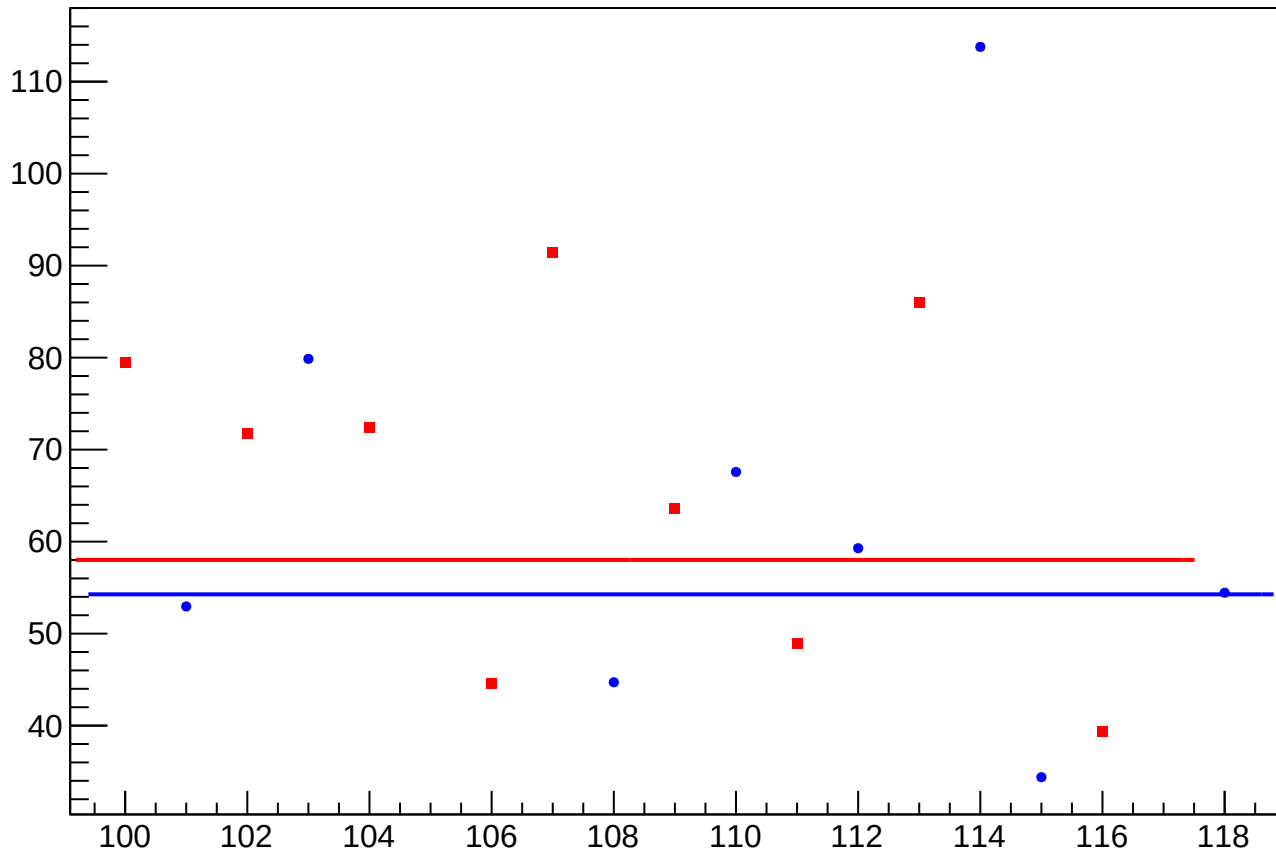
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.023 χ^2/NDF : 23.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 58.015 $\pm$ 0.024 χ^2 /NDF: 432363.7/8

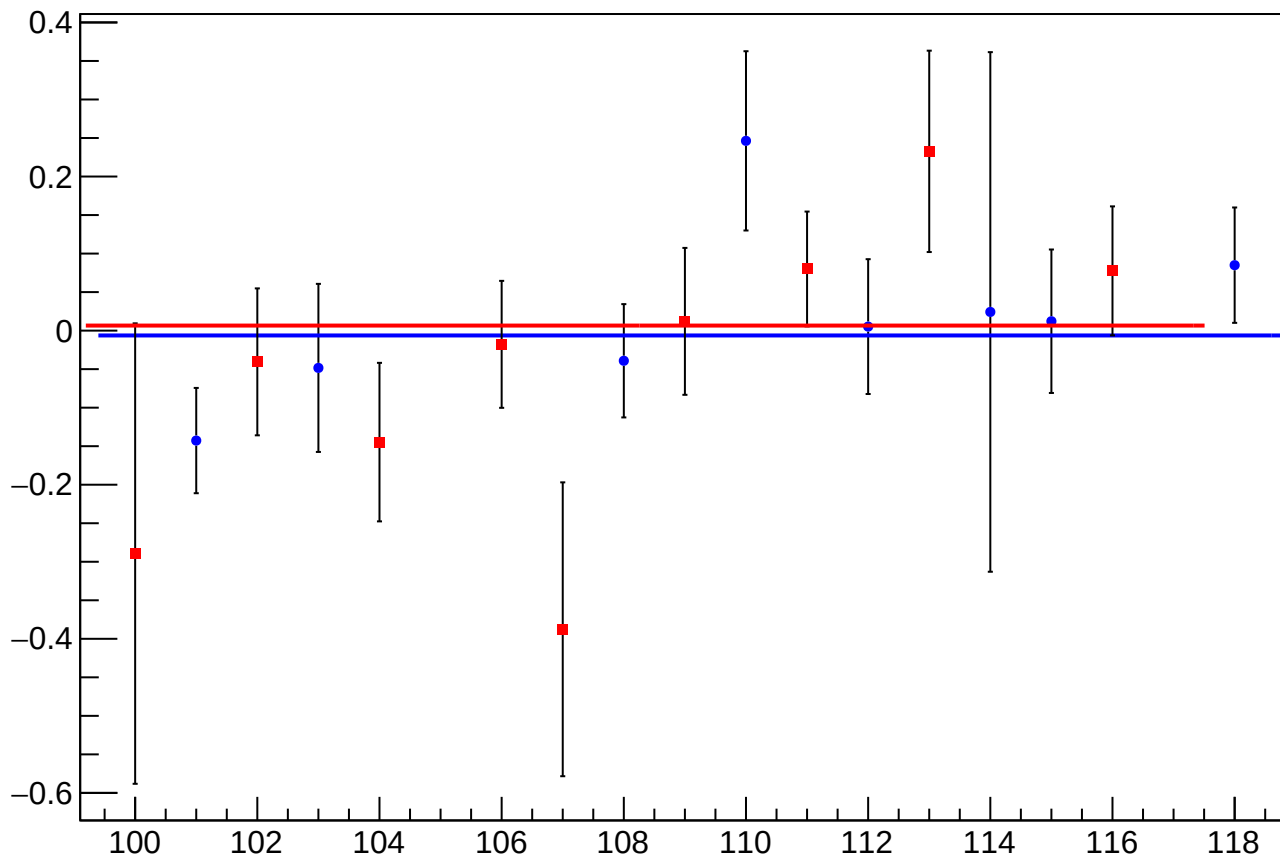
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 56.035 $\pm$ 0.016 χ^2 /NDF: 776274.8/16

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

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.007 $\pm$ 0.034 χ^2 /NDF: 12.4/8

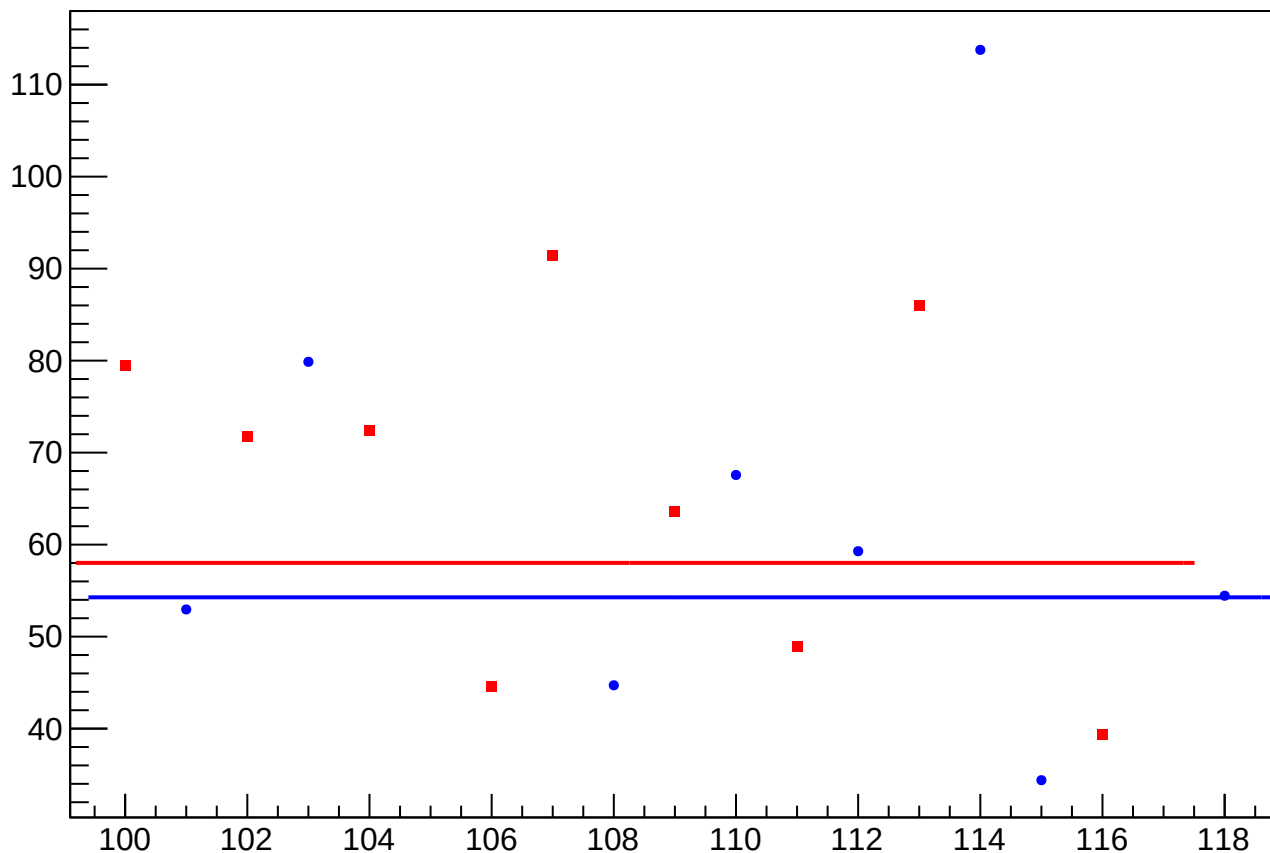
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.000 $\pm$ 0.023 χ^2 /NDF: 23.1/16

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

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 58.015 $\pm$ 0.024 χ^2 /NDF: 432363.7/8

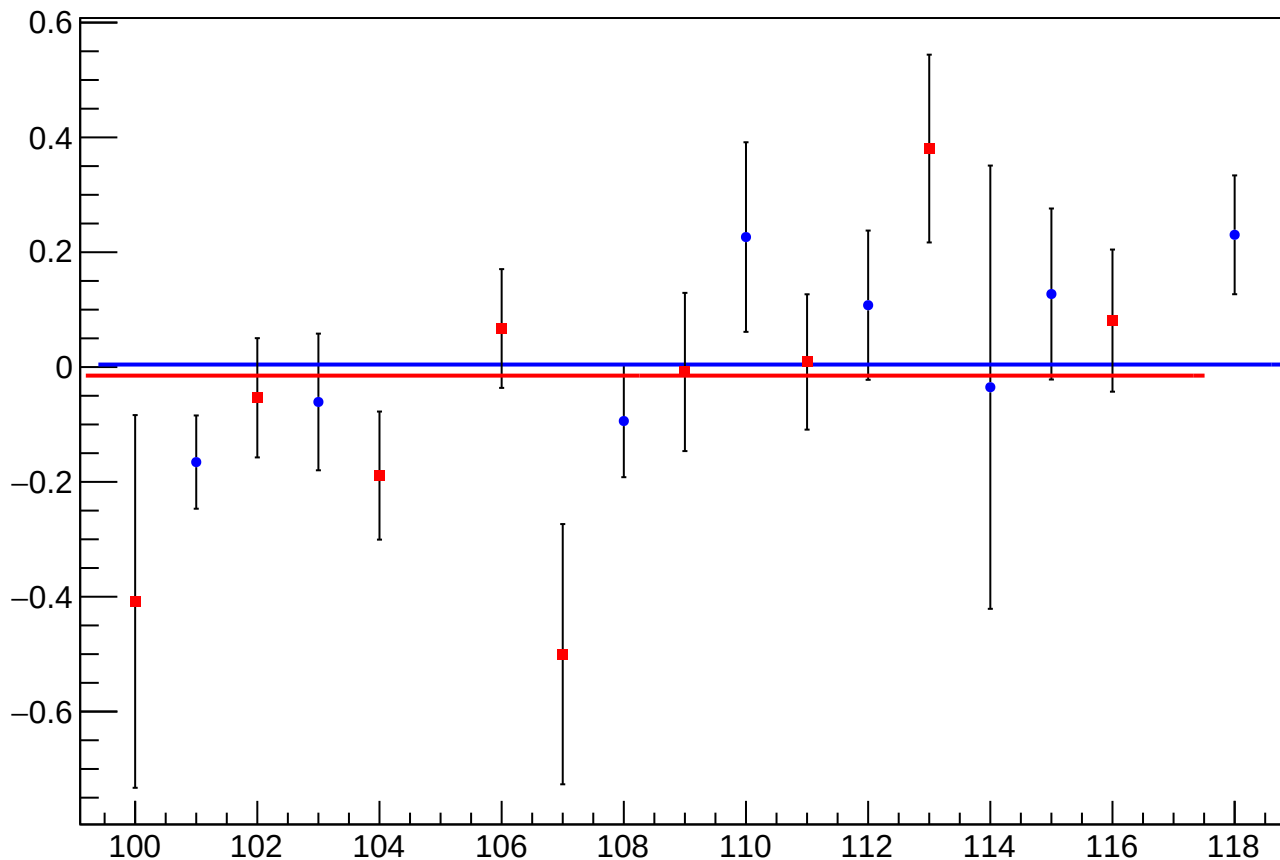
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 56.035 $\pm$ 0.016 χ^2 /NDF: 776274.8/16

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

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.042 χ^2 /NDF: 13.6/7

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

Right Out: -0.015 $\pm$ 0.044 χ^2 /NDF: 15.7/8

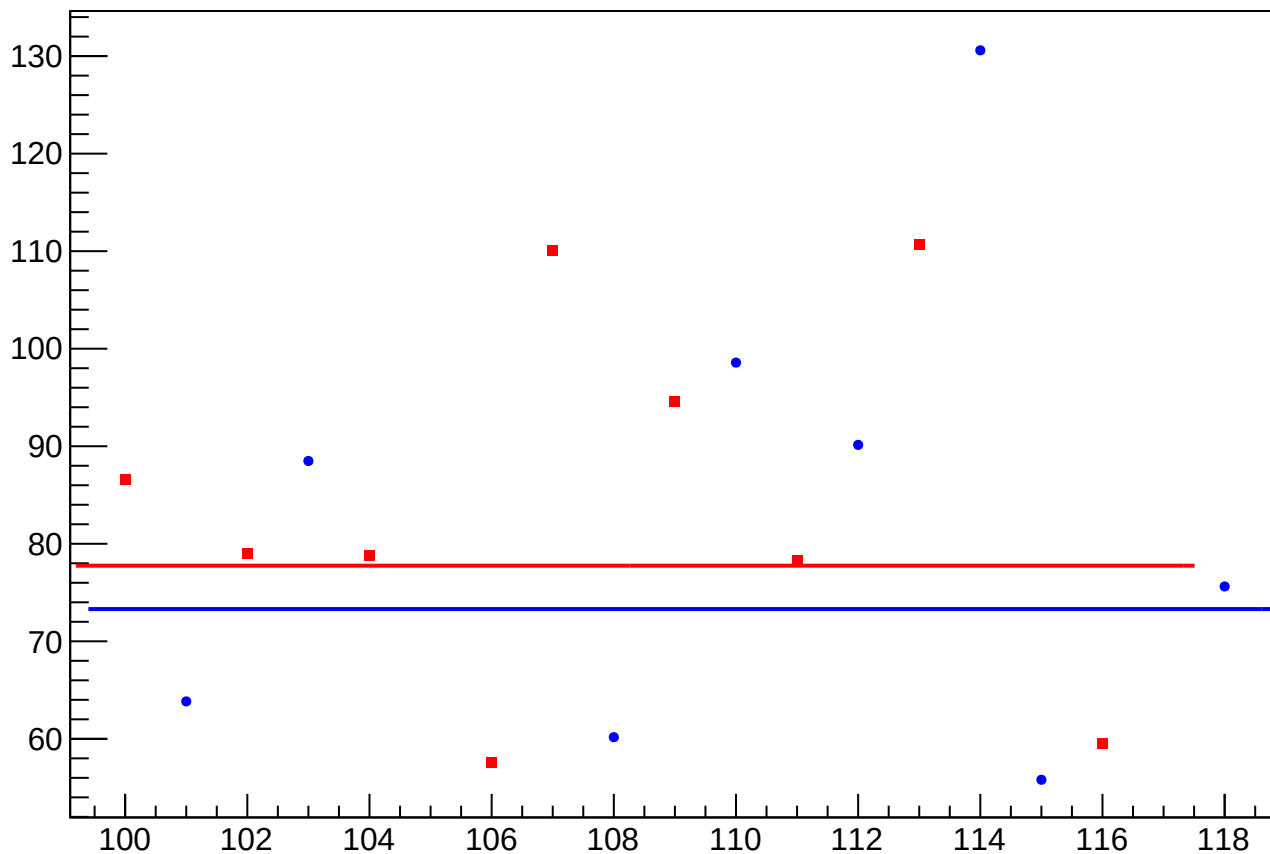
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.005 $\pm$ 0.030 χ^2 /NDF: 29.4/16

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

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 73.305 $\pm$ 0.030 χ^2 /NDF: 248854.1/7

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

Right Out: 77.754 $\pm$ 0.031 χ^2 /NDF: 272994.5/8

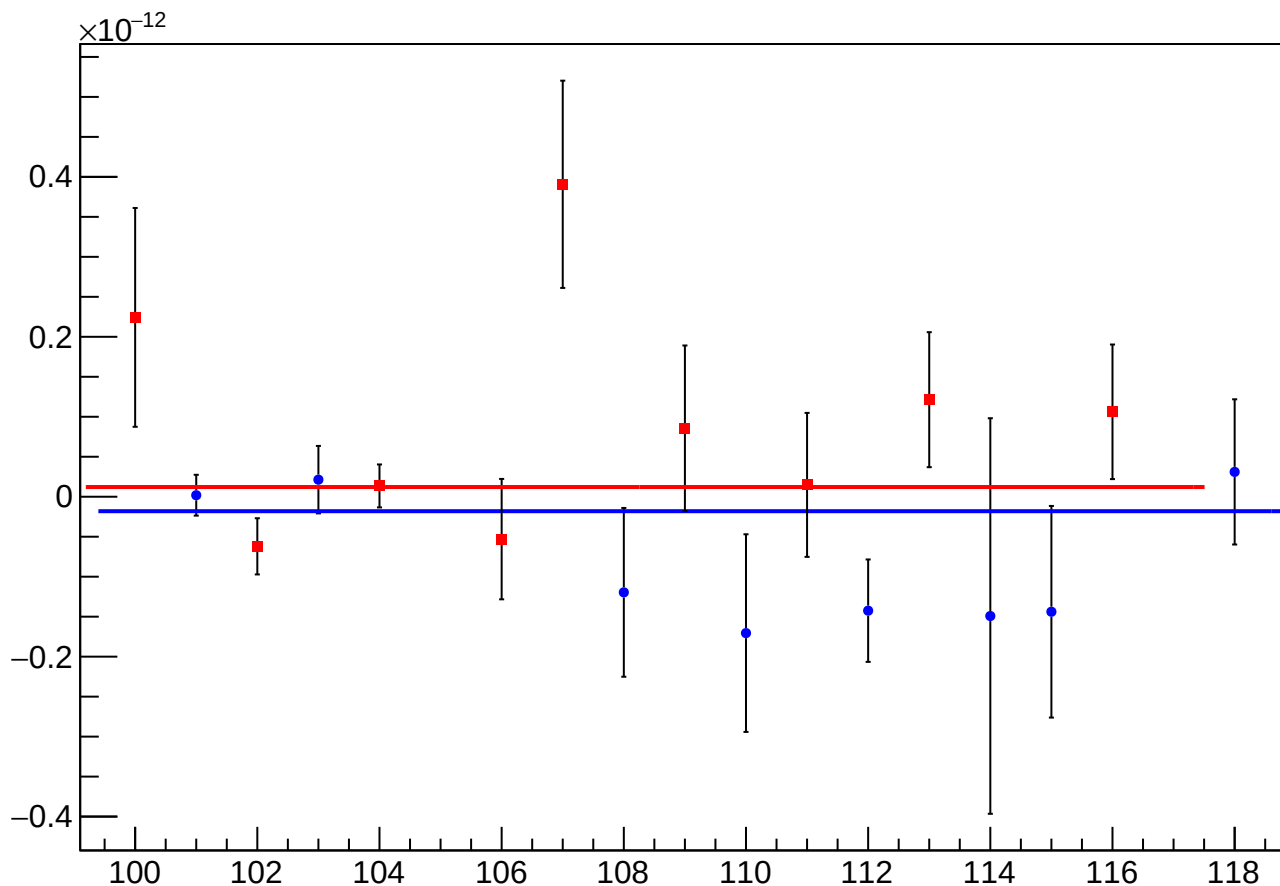
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 75.438 $\pm$ 0.021 χ^2 /NDF: 532623.1/16

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

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 19.6/8

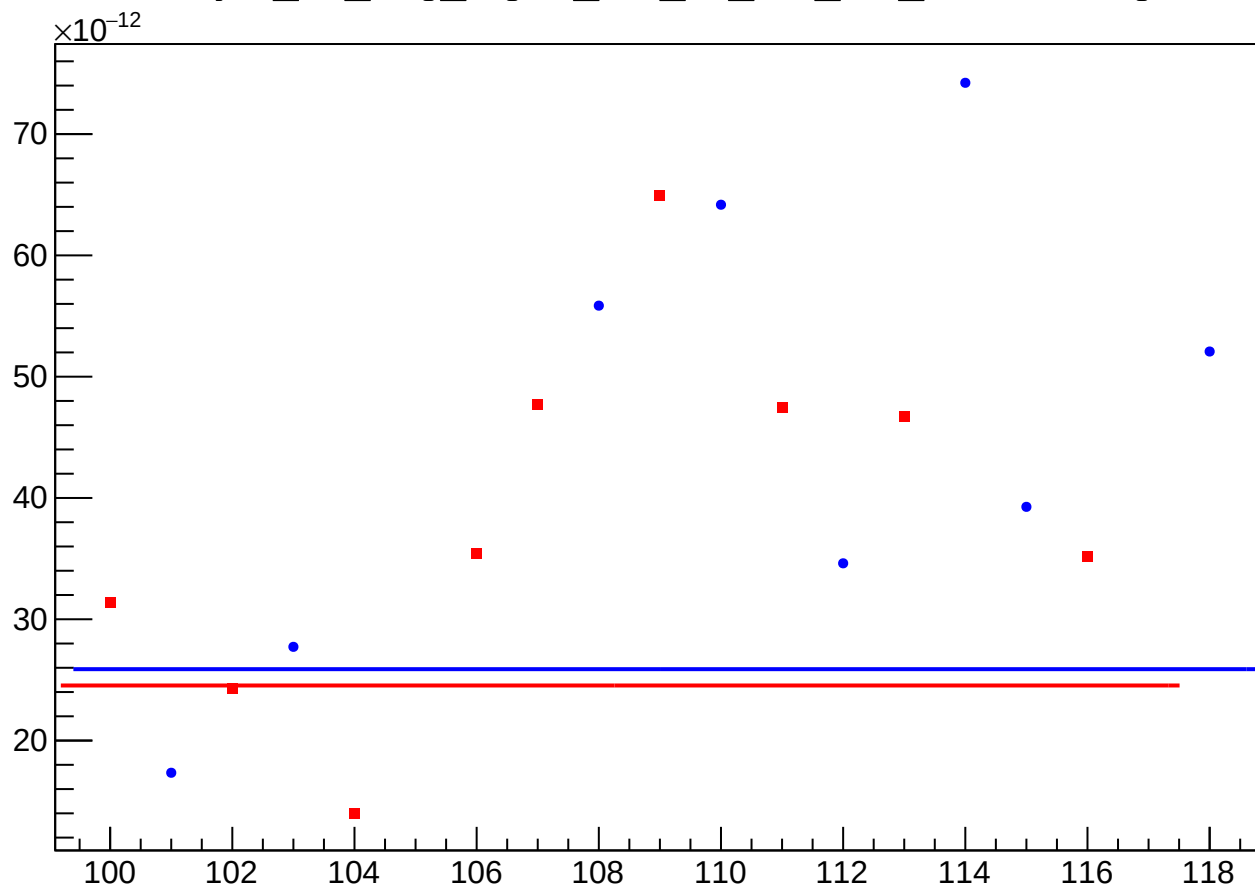
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1023391.8/8

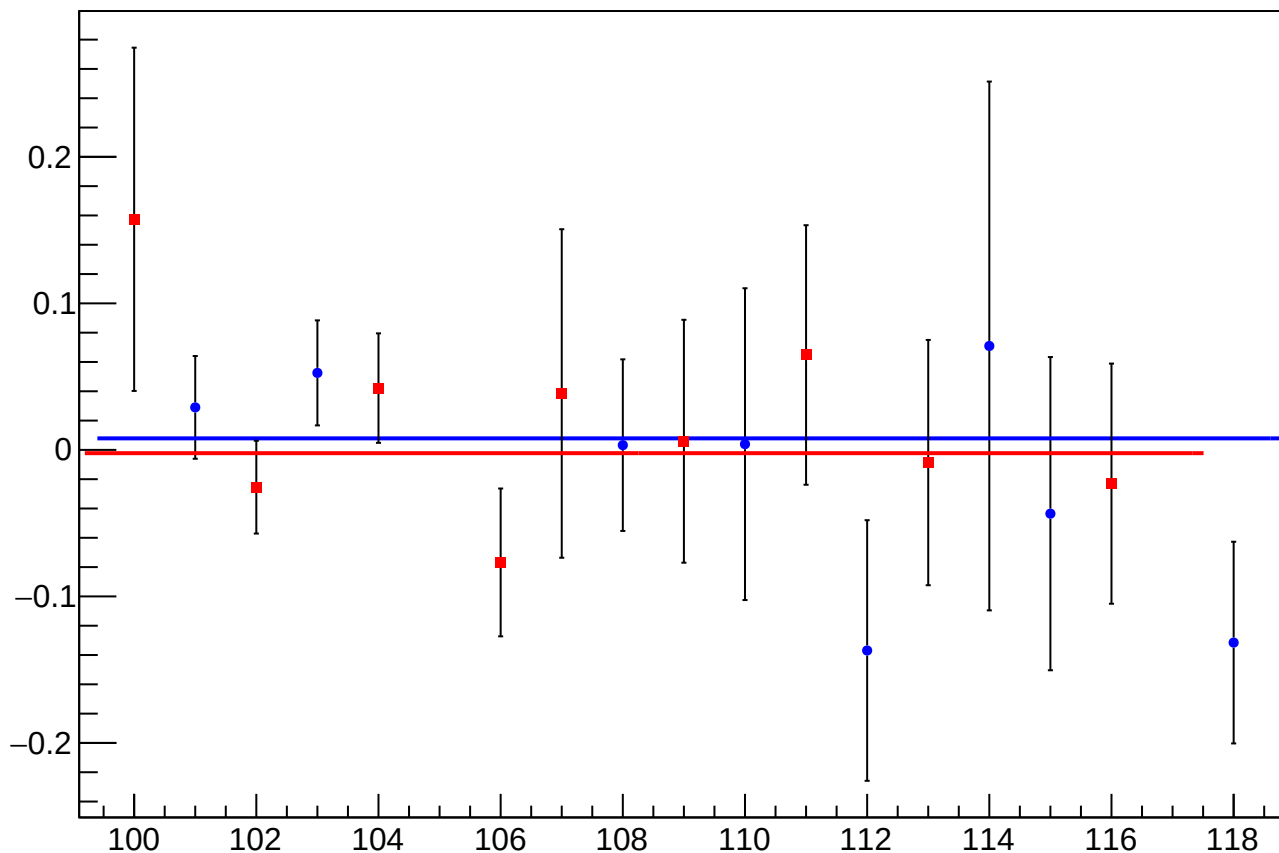
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1909614.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 9.0/7

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

Right Out: -0.002 $\pm$ 0.019 χ^2 /NDF: 6.8/8

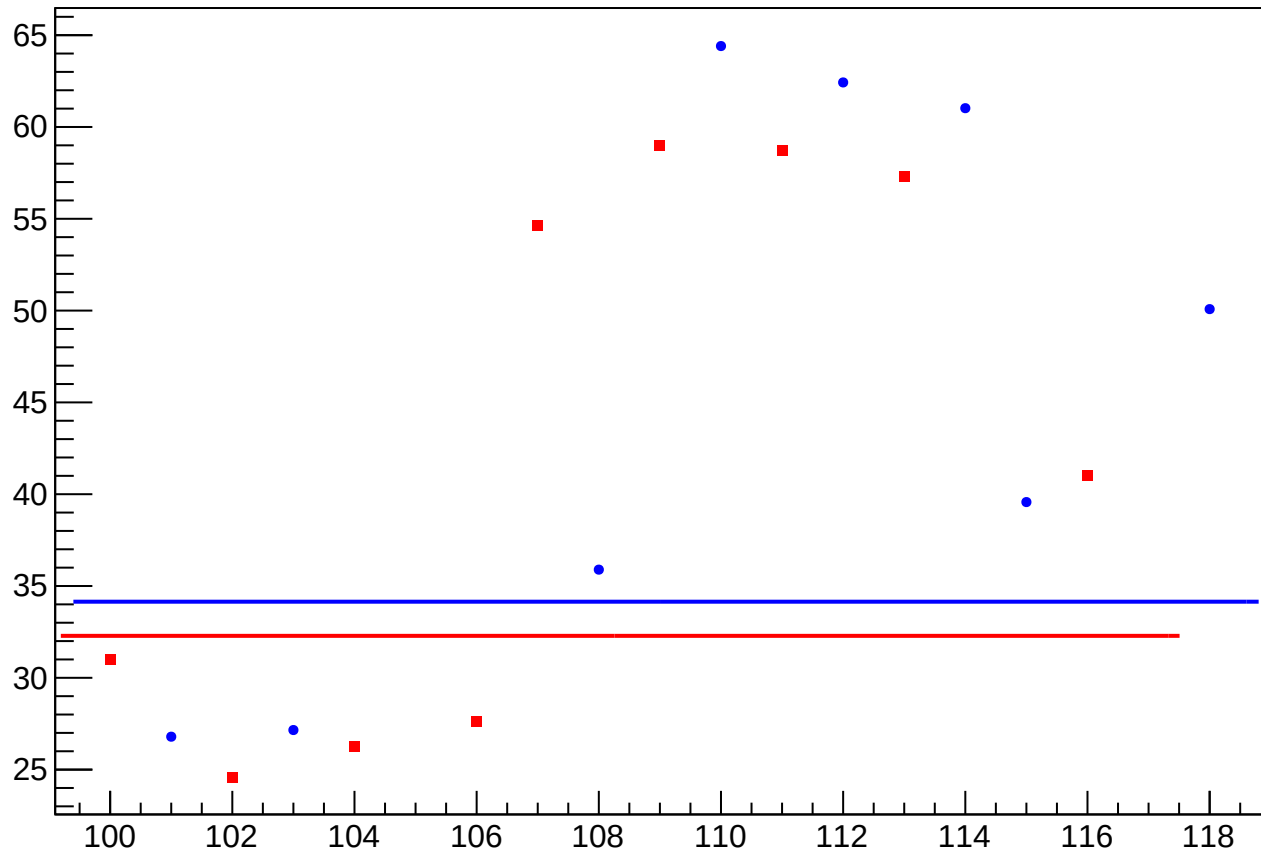
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 15.9/16

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

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



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: 32.286+/-0.013 χ^2/NDF : 854960.6/8

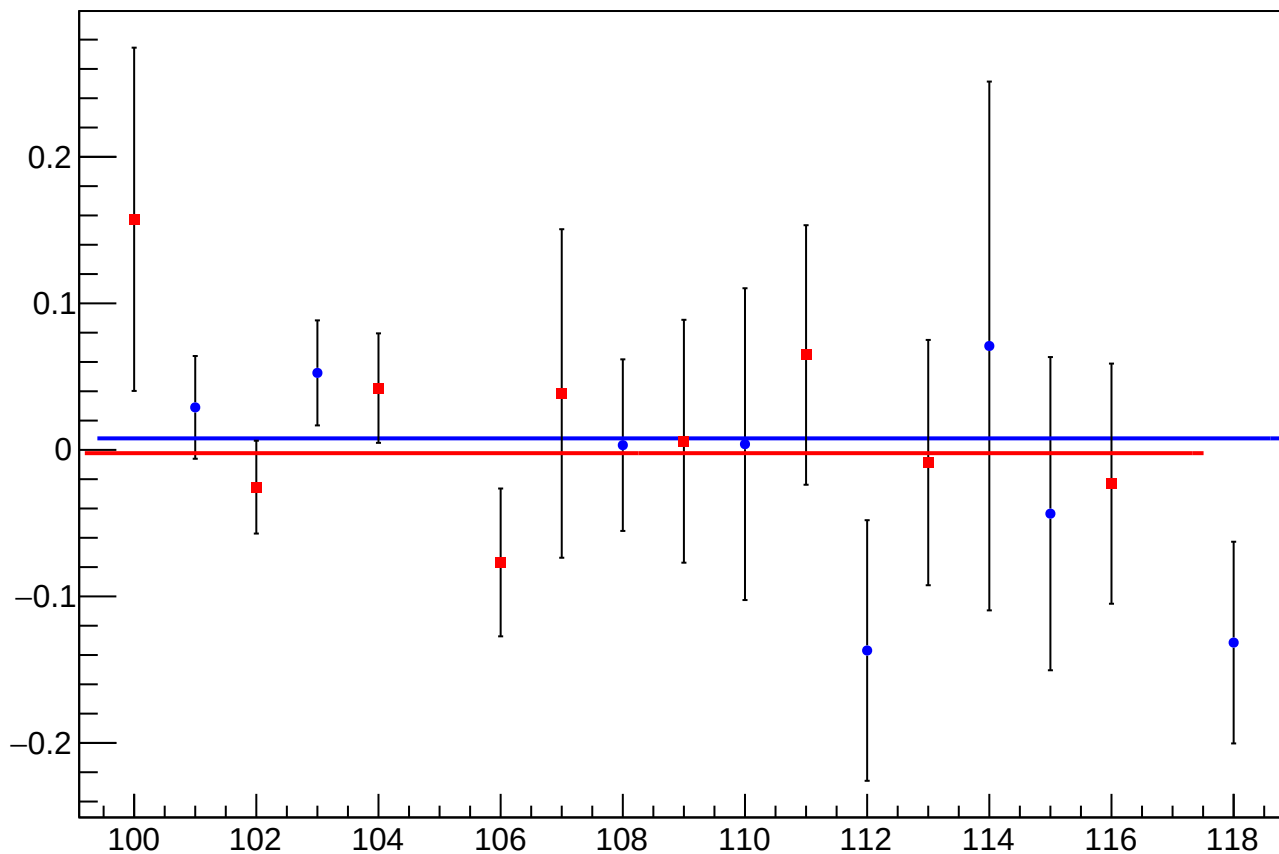
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.146+/-0.010 χ^2/NDF : 1550558.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 9.0/7

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

Right Out: -0.002 $\pm$ 0.019 χ^2 /NDF: 6.8/8

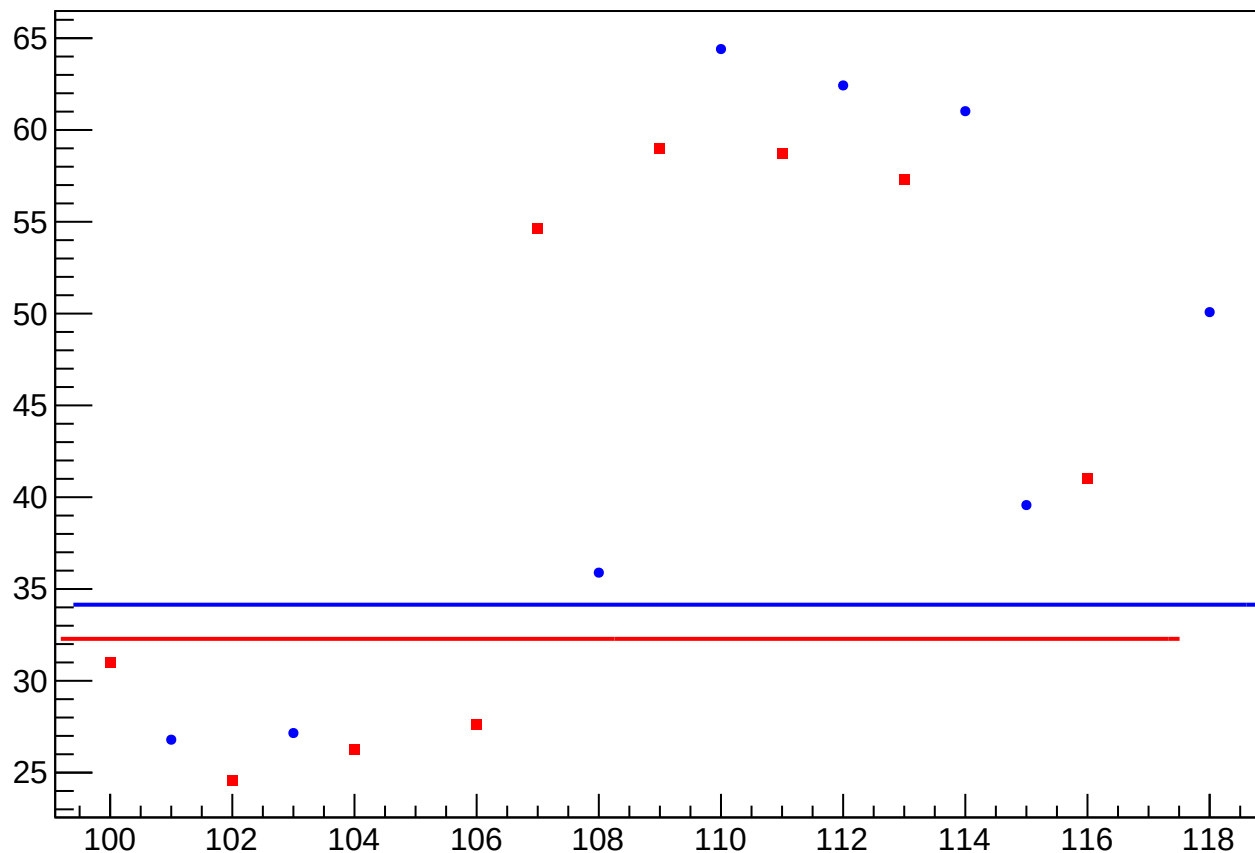
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.002 $\pm$ 0.014 χ^2 /NDF: 15.9/16

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

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug



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: 32.286+/-0.013 χ^2/NDF : 854960.6/8

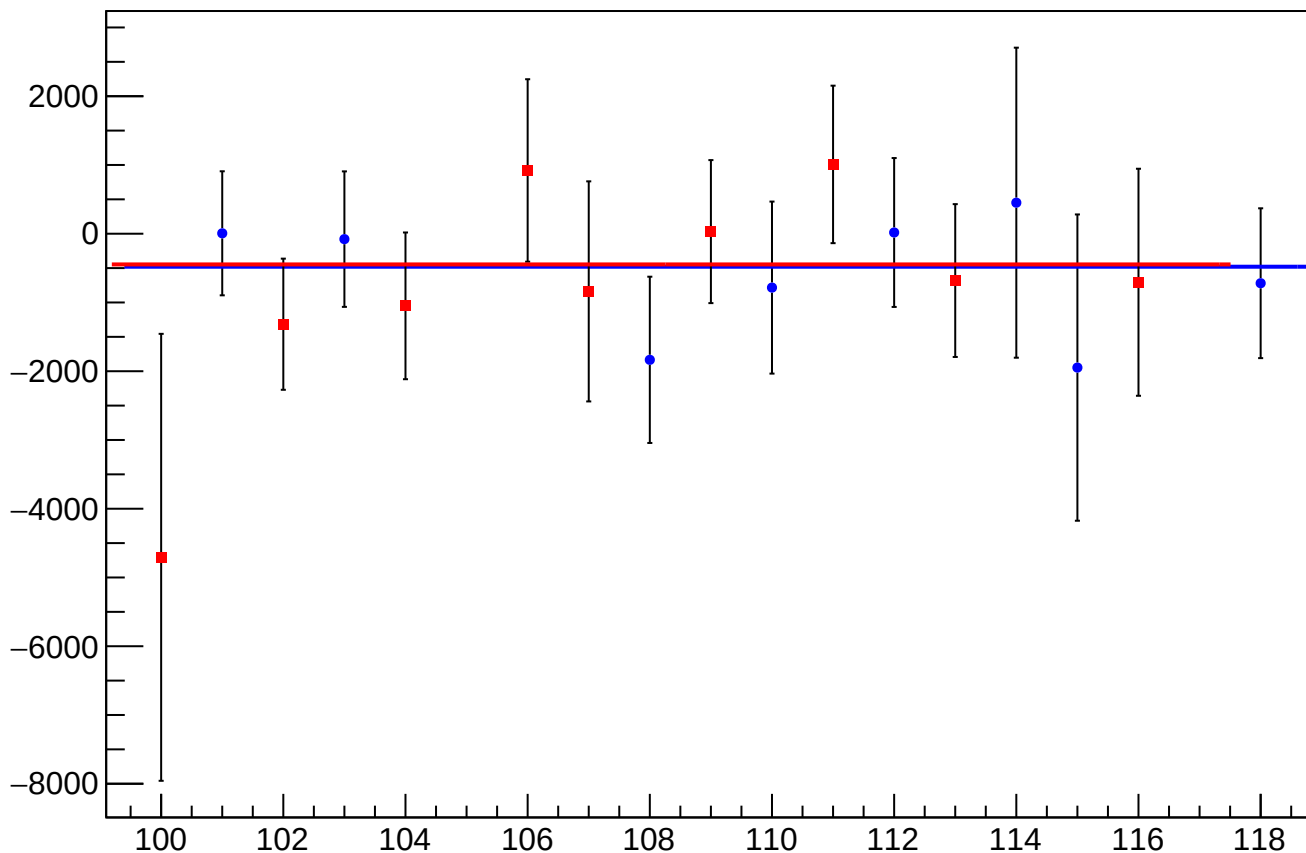
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.146+/-0.010 χ^2/NDF : 1550558.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



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: -446.685+/-411.921 χ^2/NDF : 5.9/8

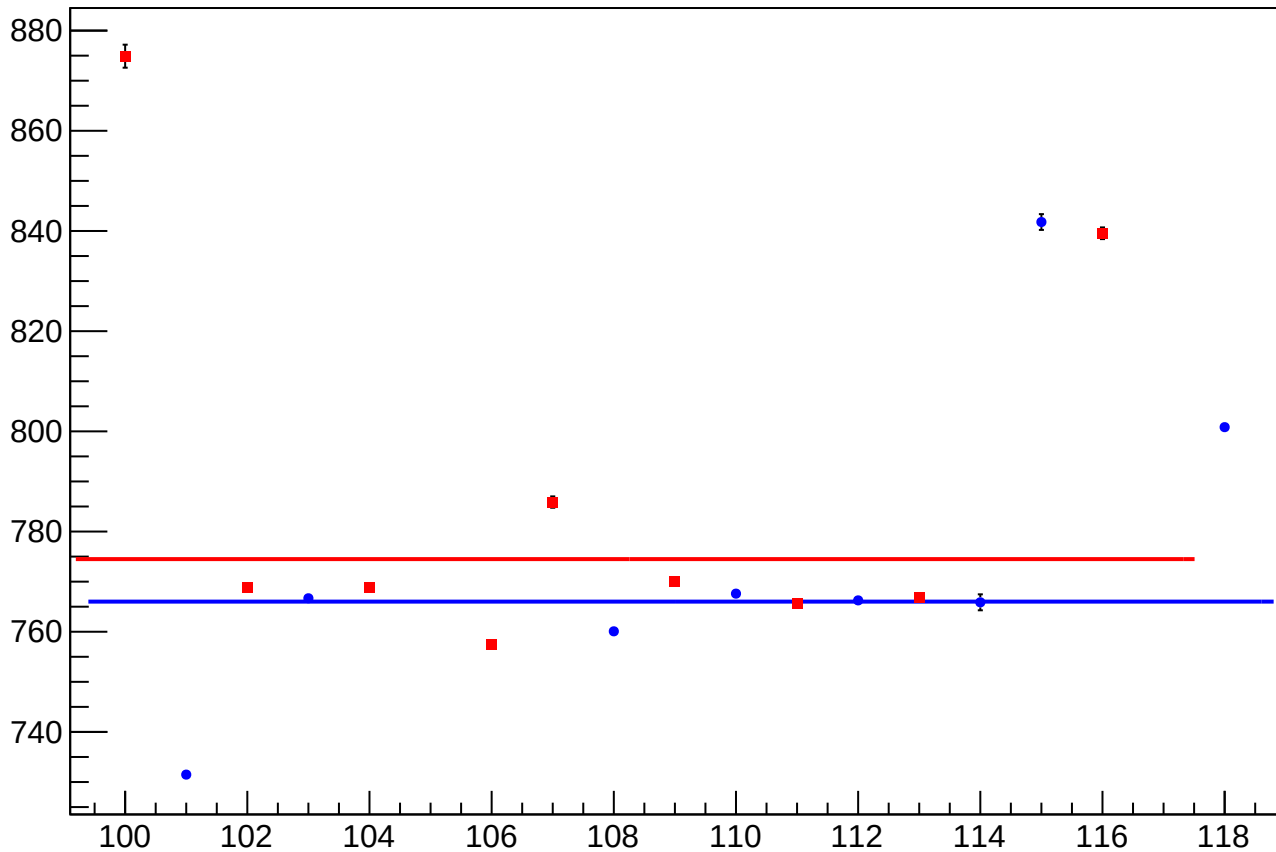
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -463.009+/-294.009 χ^2/NDF : 8.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_rms vs Slug



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: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

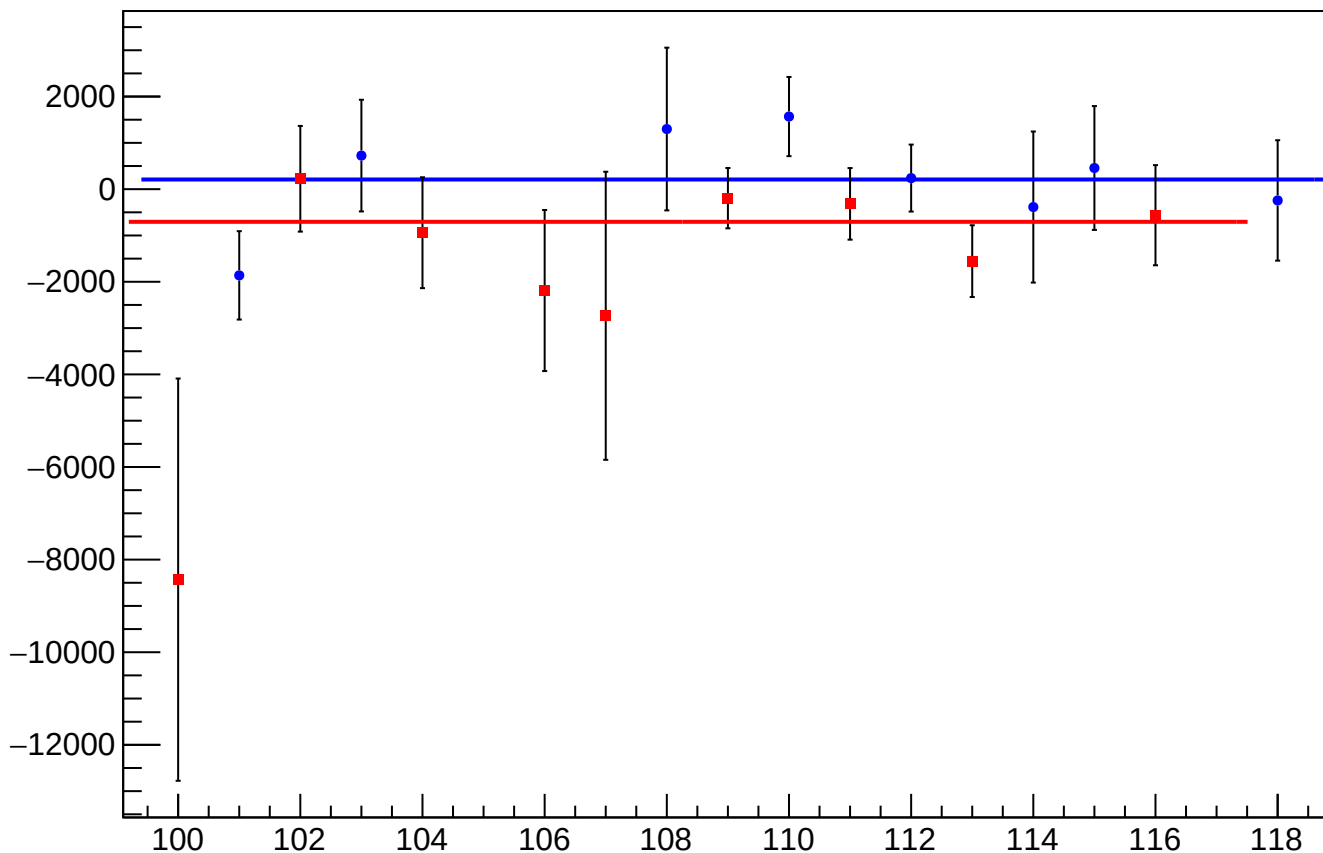
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 770.337 $\pm$ 0.208 χ^2 /NDF: 13573.5/16

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

asym_us_dd_reg_correction_mean vs Slug



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: -704.793 $\pm$ 342.983 χ^2 /NDF: 7.1/8

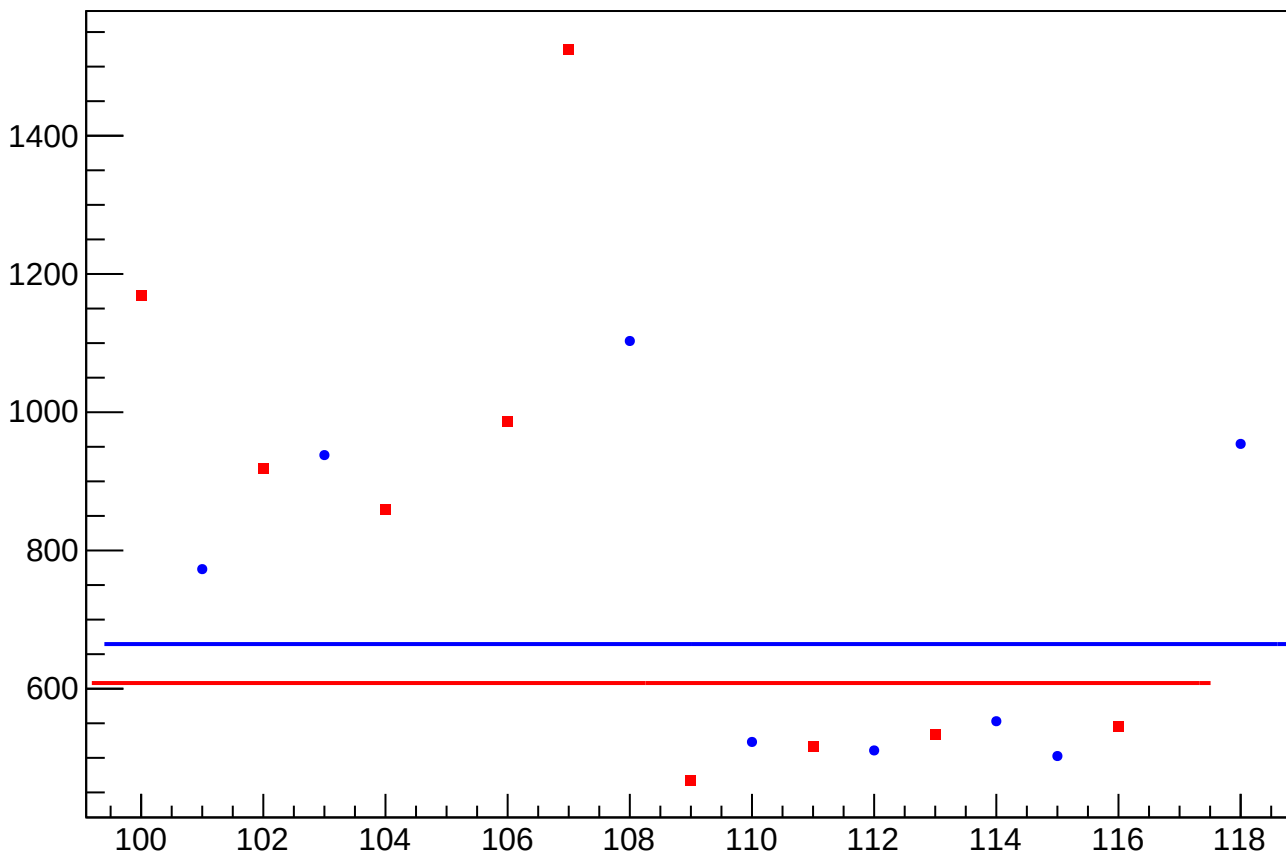
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -294.884 $\pm$ 254.691 χ^2 /NDF: 18.4/16

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

asym_us_dd_reg_correction_rms vs Slug



Right In: 664.611 $\pm$ 0.269 χ^2 /NDF: 536462.8/7

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

Right Out: 608.235 $\pm$ 0.243 χ^2 /NDF: 685286.3/8

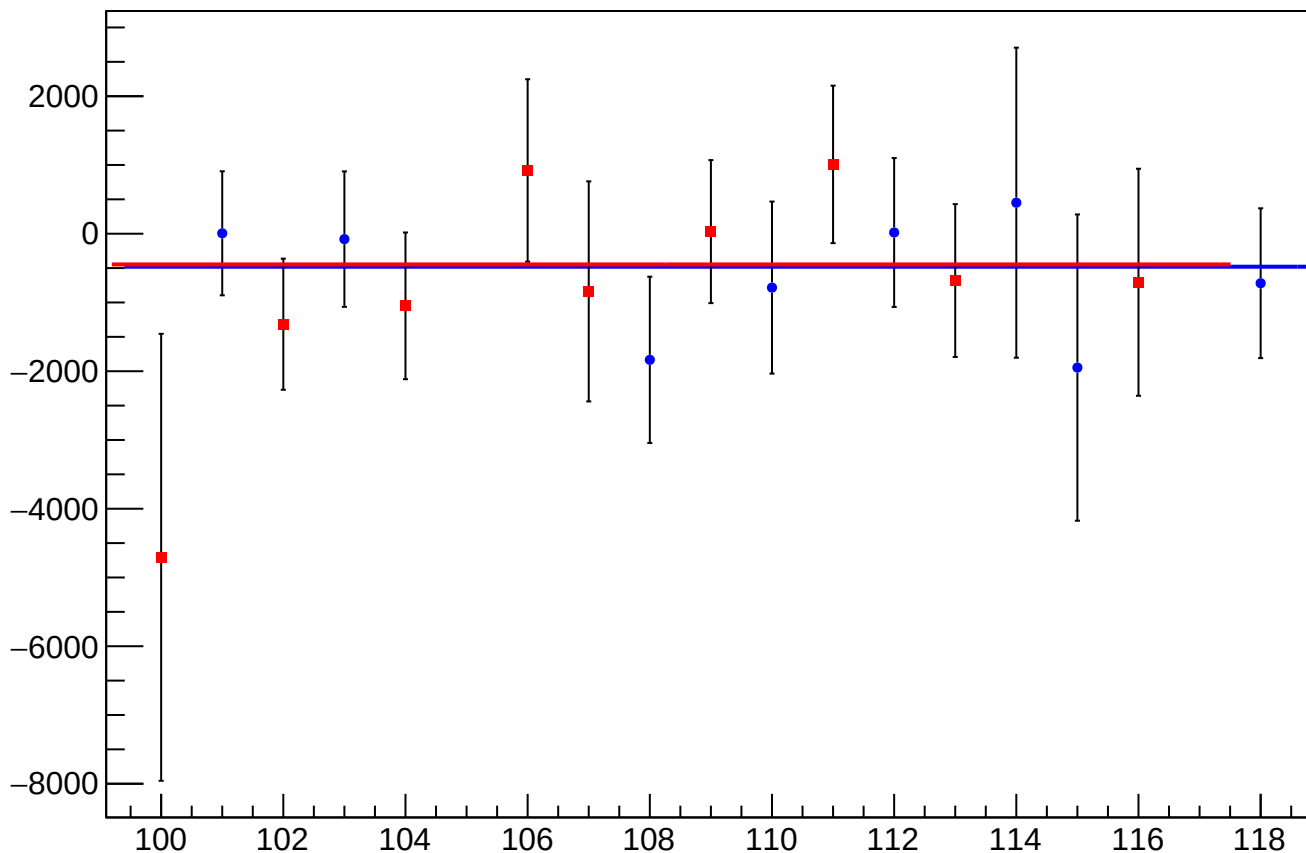
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 633.524 $\pm$ 0.180 χ^2 /NDF: 1245987.9/16

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

cor_asym_us_dd_mean vs Slug



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: -446.685+/-411.921 χ^2 /NDF: 5.9/8

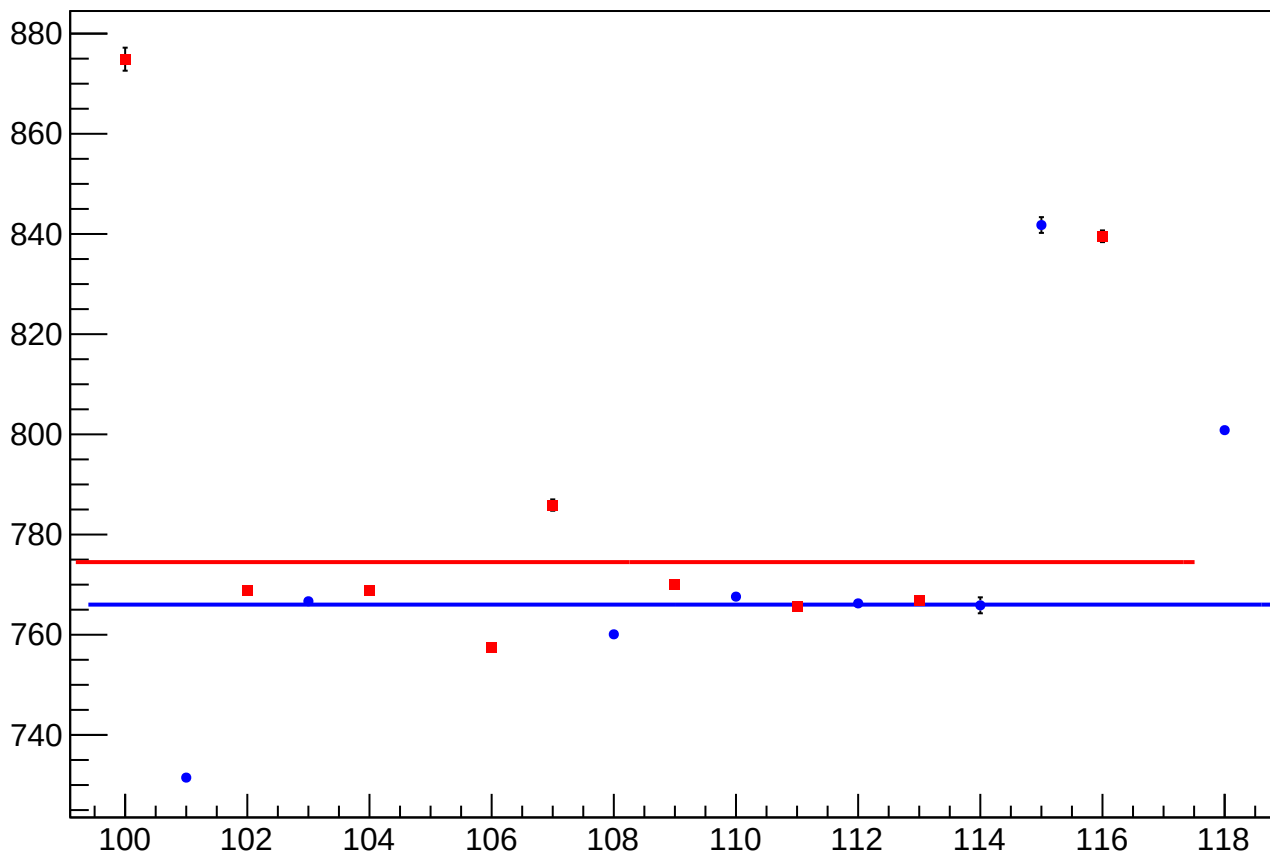
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -463.009+/-294.009 χ^2 /NDF: 8.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_rms vs Slug



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: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

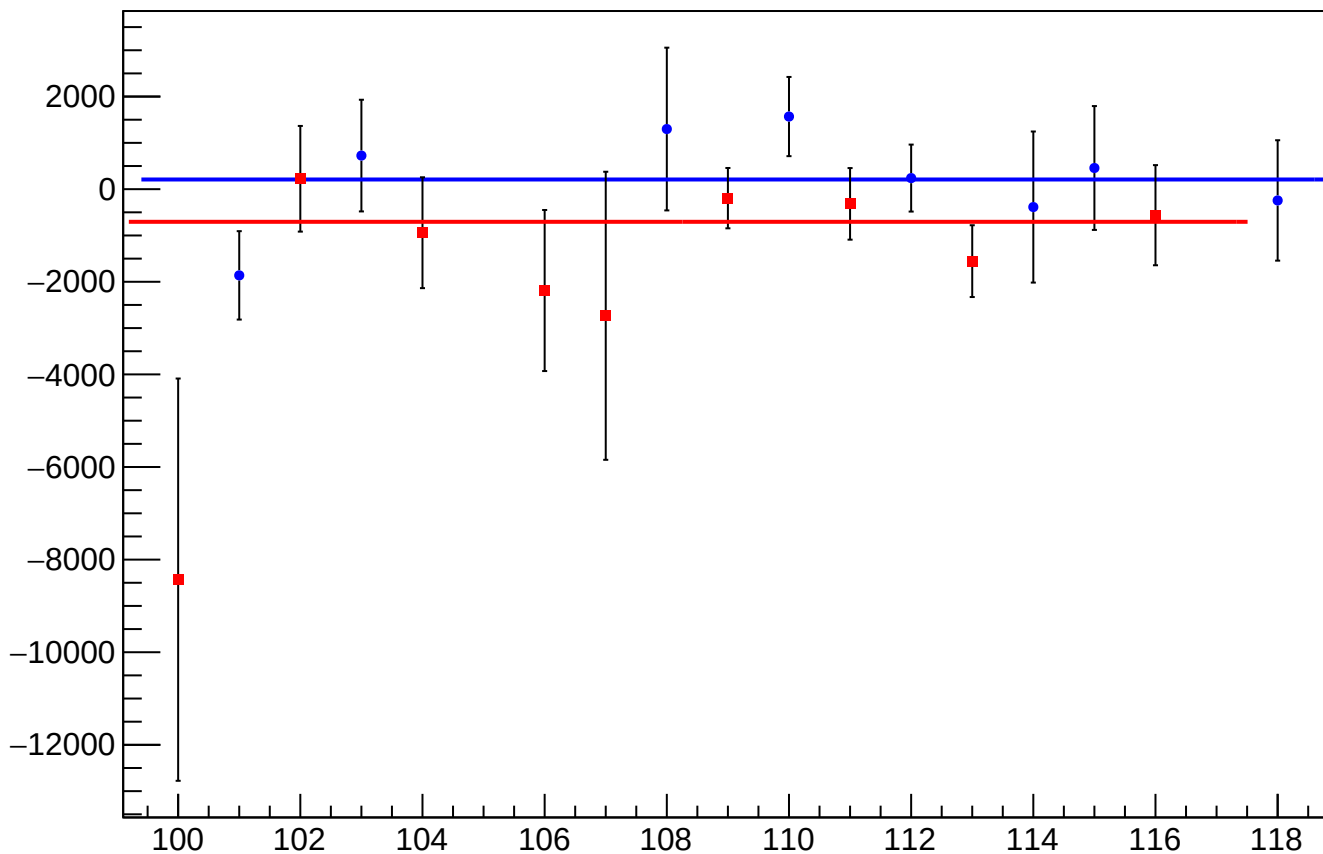
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 770.337 $\pm$ 0.208 χ^2 /NDF: 13573.5/16

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

asym_us_dd_cor_correction_mean vs Slug



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: -704.793 $\pm$ 342.983 χ^2 /NDF: 7.1/8

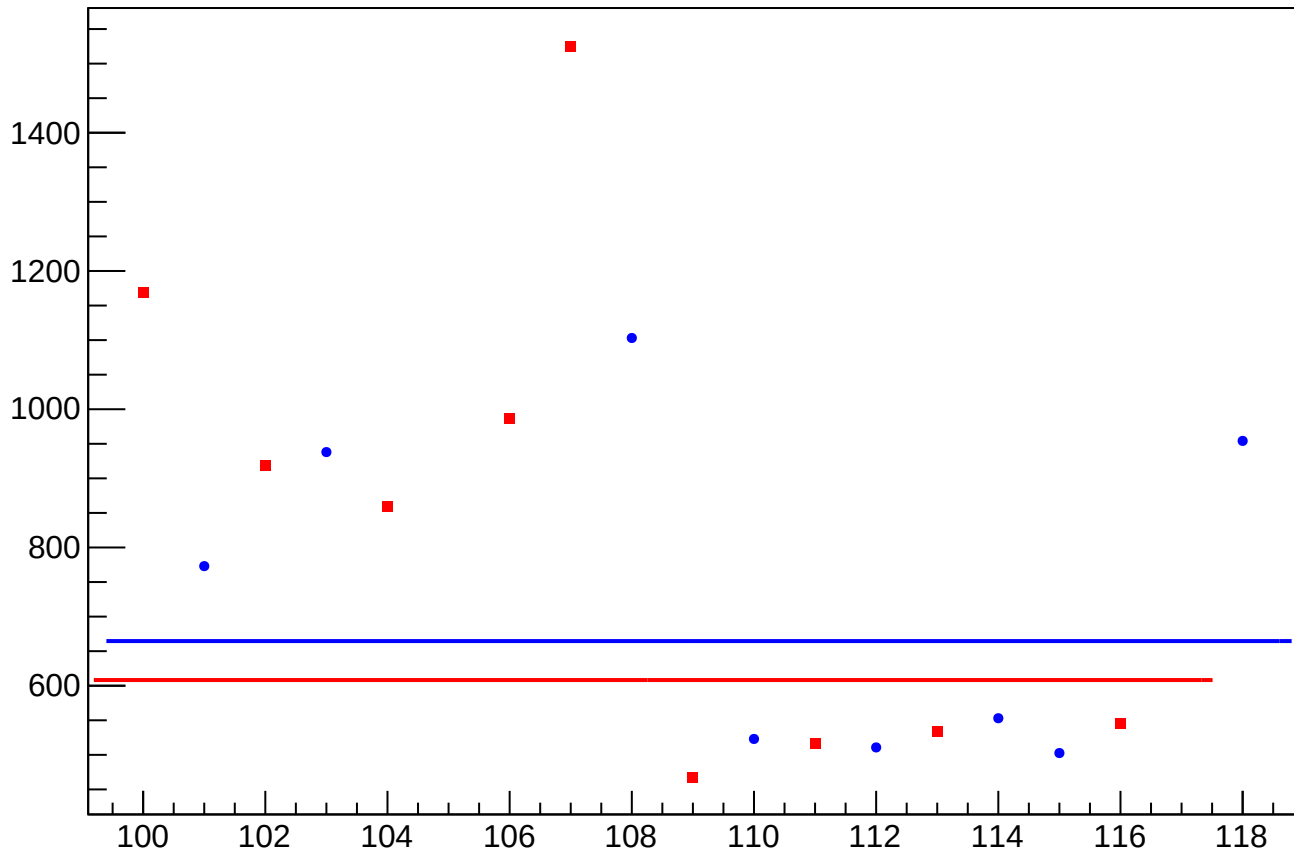
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -294.884 $\pm$ 254.691 χ^2 /NDF: 18.4/16

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

asym_us_dd_cor_correction_rms vs Slug



Right In: 664.611 $\pm$ 0.269 χ^2 /NDF: 536462.8/7

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

Right Out: 608.235 $\pm$ 0.243 χ^2 /NDF: 685286.3/8

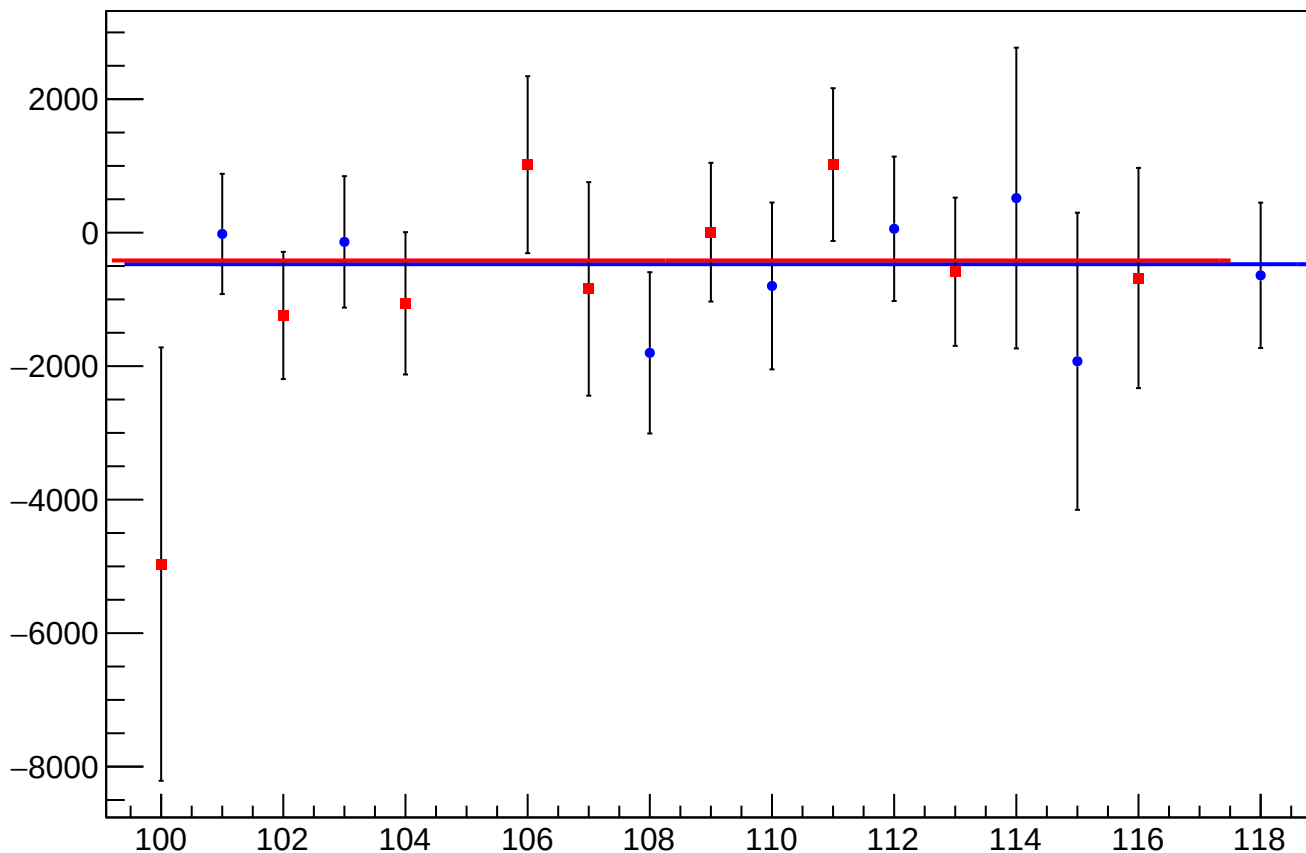
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 633.524 $\pm$ 0.180 χ^2 /NDF: 1245987.9/16

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

overload_cor_asym_us_dd_mean vs Slug



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: -416.455+/-411.593 χ^2/NDF : 6.1/8

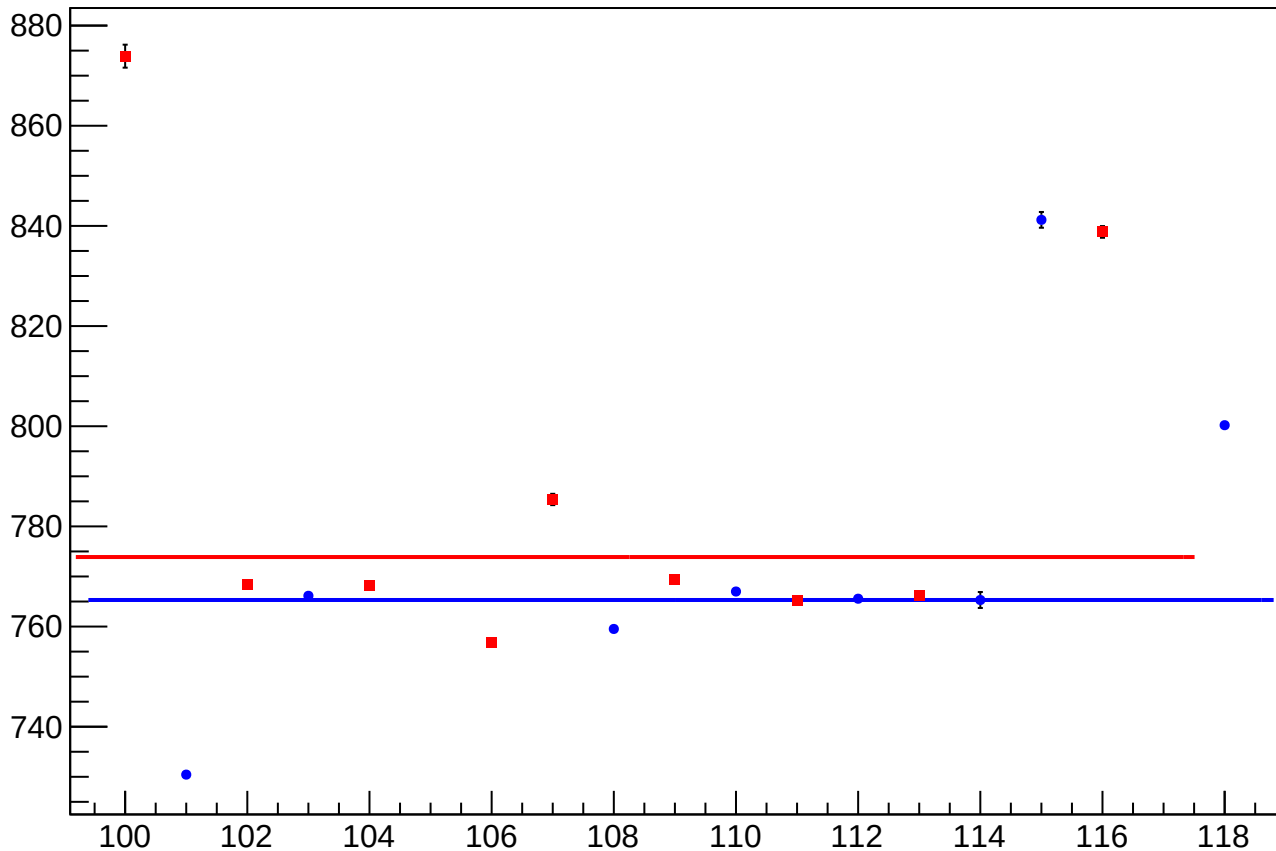
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -444.066+/-293.758 χ^2/NDF : 8.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 765.305 $\pm$ 0.297 χ^2 /NDF: 7428.5/7

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

Right Out: 773.883 $\pm$ 0.291 χ^2 /NDF: 5802.9/8

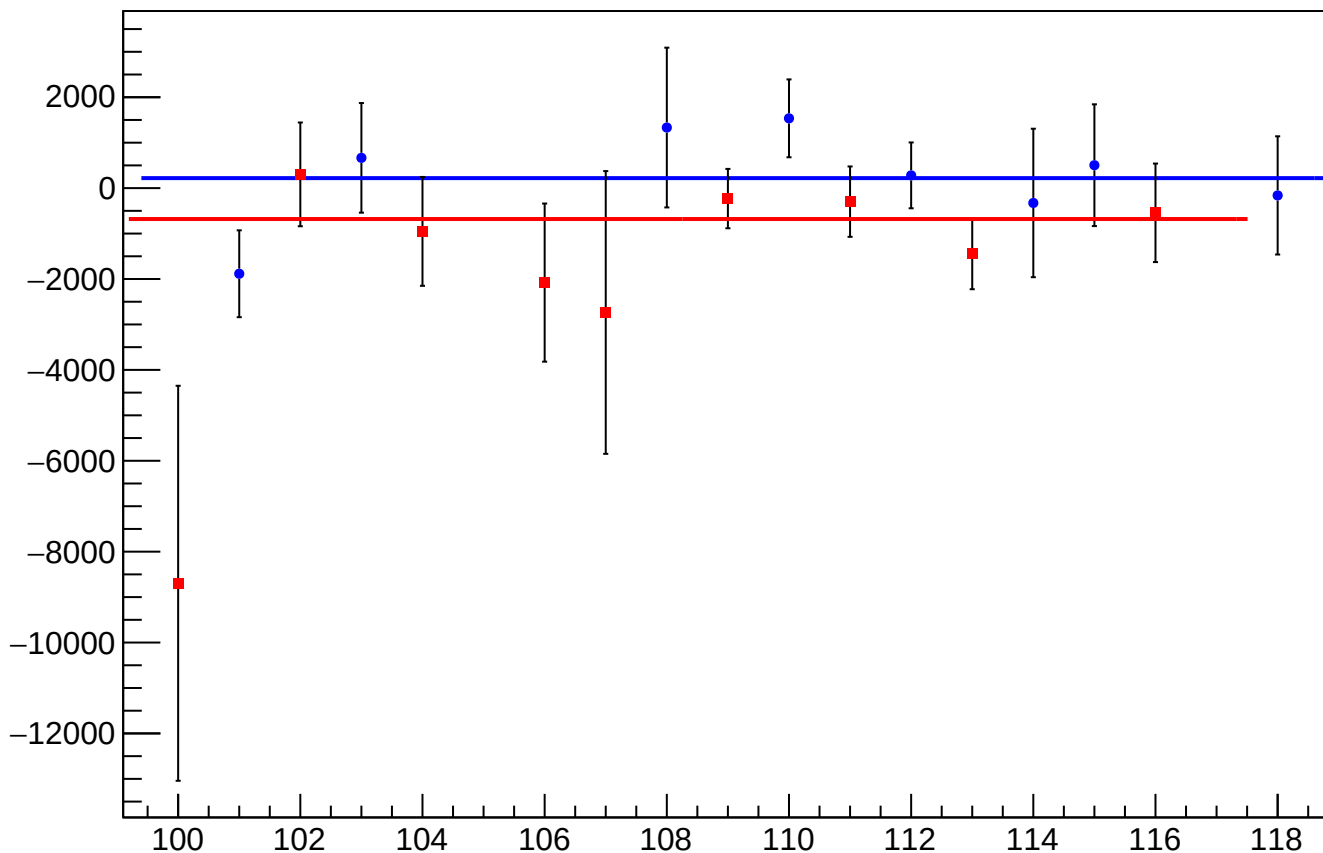
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 769.675 $\pm$ 0.208 χ^2 /NDF: 13657.5/16

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

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: 220.055 $\pm$ 380.830 χ^2 /NDF: 8.0/7

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

Right Out: -680.020 $\pm$ 343.558 χ^2 /NDF: 7.0/8

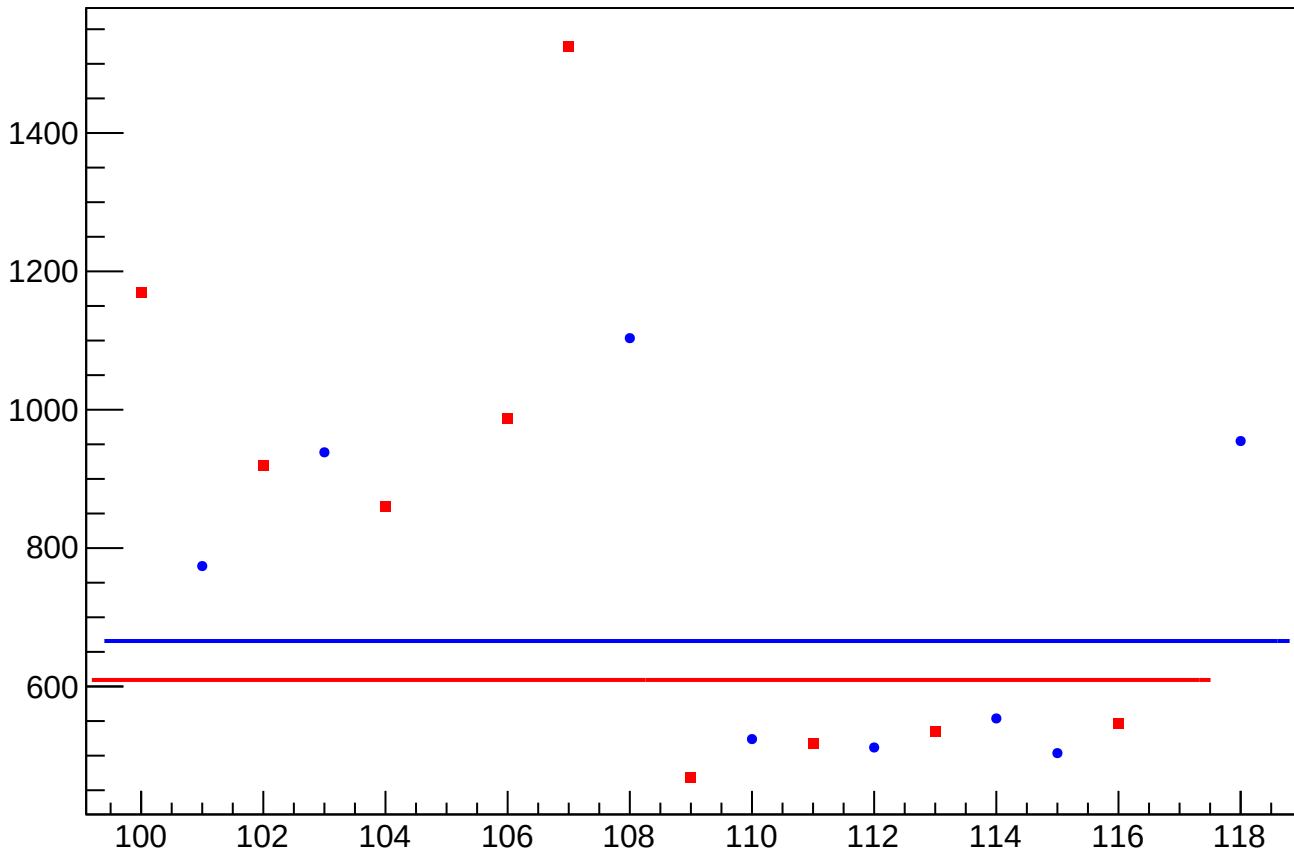
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -276.172 $\pm$ 255.094 χ^2 /NDF: 18.1/16

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

asym_us_dd_overload_cor_correction_rms vs Slug



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: 609.404+/-0.243 χ^2/NDF : 682687.9/8

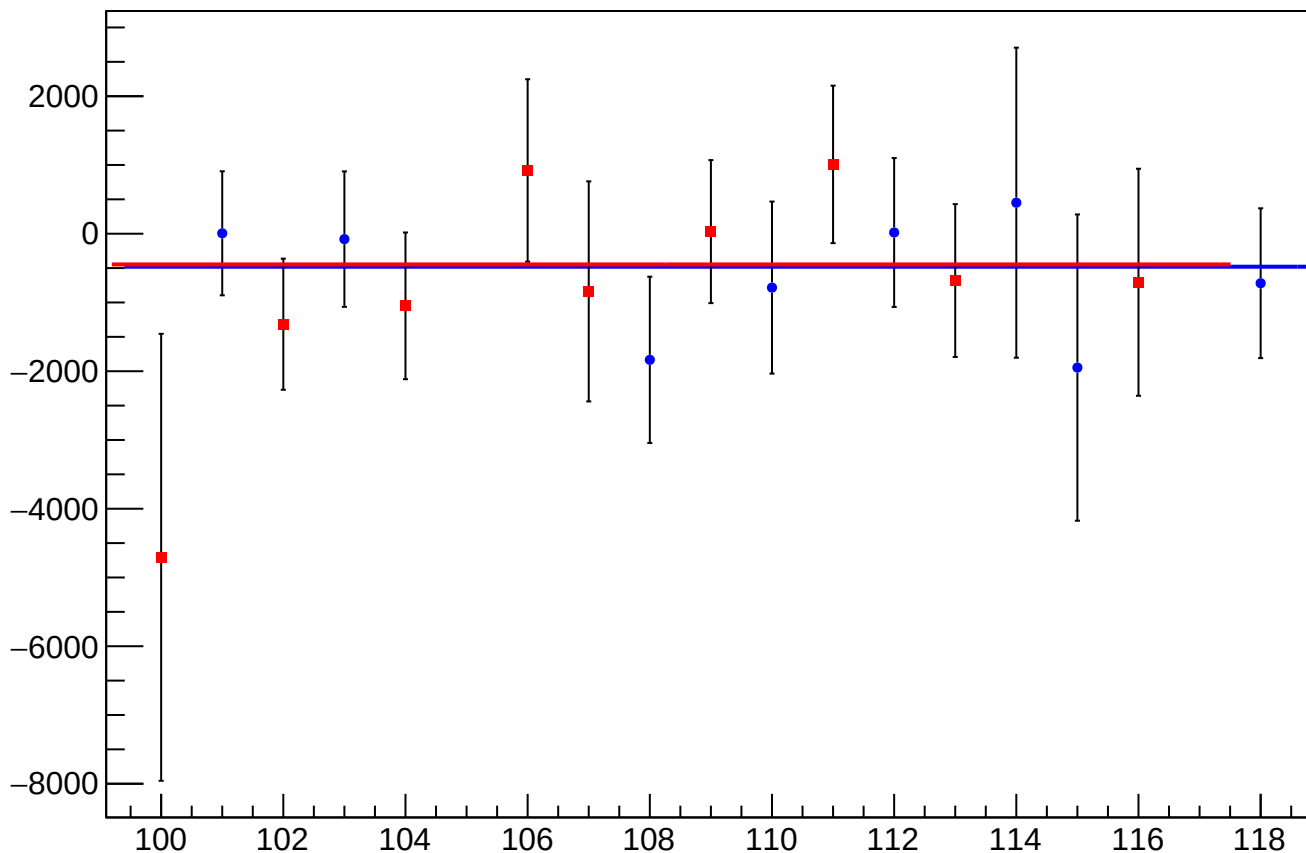
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 634.667+/-0.180 χ^2/NDF : 1241139.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



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: -446.685 $\pm$ 411.921 χ^2 /NDF: 5.9/8

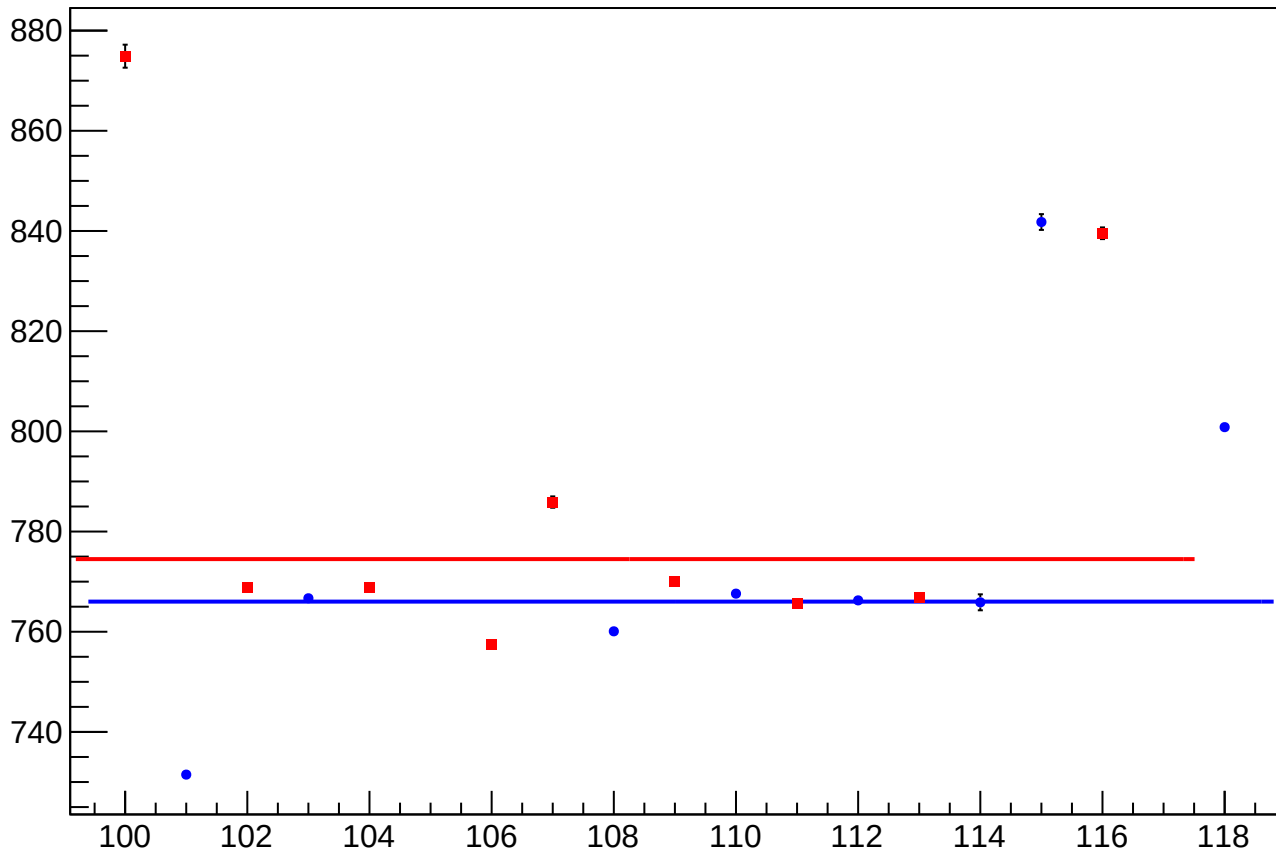
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -463.009 $\pm$ 294.009 χ^2 /NDF: 8.5/16

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

eigen_cor_asym_us_dd_rms vs Slug



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: 774.499 $\pm$ 0.291 χ^2 /NDF: 5816.4/8

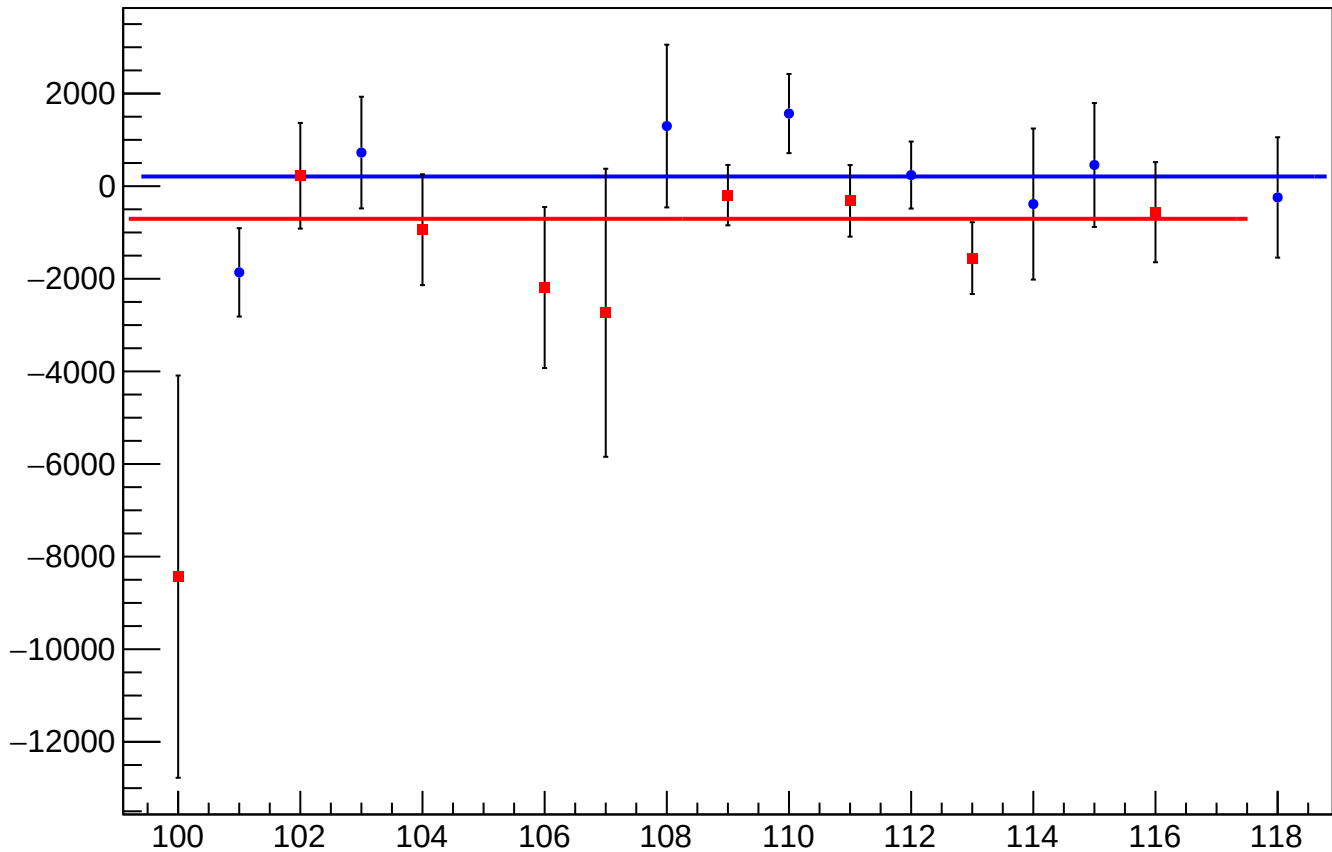
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 770.337 $\pm$ 0.208 χ^2 /NDF: 13573.5/16

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

asym_us_dd_eigen_cor_correction_mean vs Slug



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: -704.793 $\pm$ 342.983 χ^2 /NDF: 7.1/8

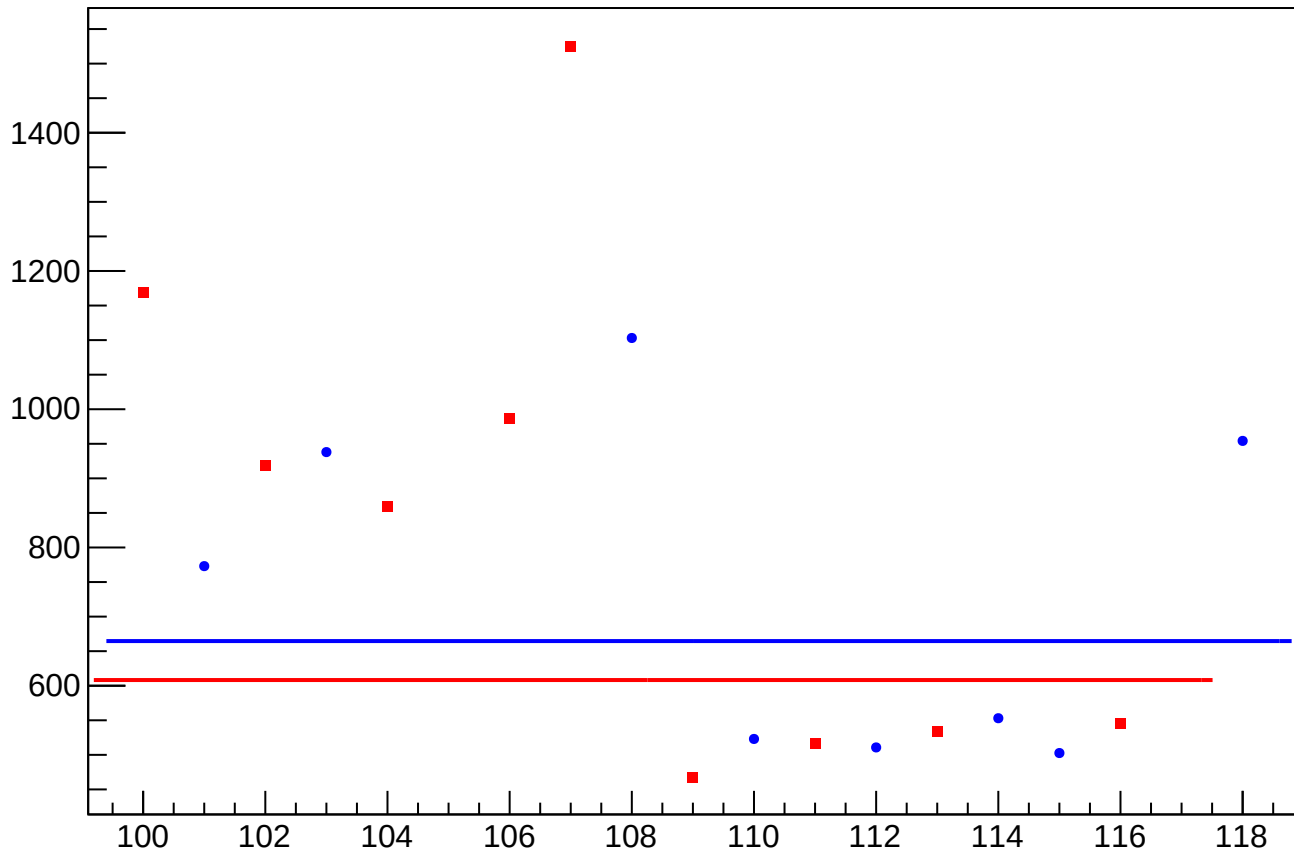
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -294.884 $\pm$ 254.691 χ^2 /NDF: 18.4/16

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

asym_us_dd_eigen_cor_correction_rms vs Slug



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: 608.235+/-0.243 χ^2/NDF : 685286.3/8

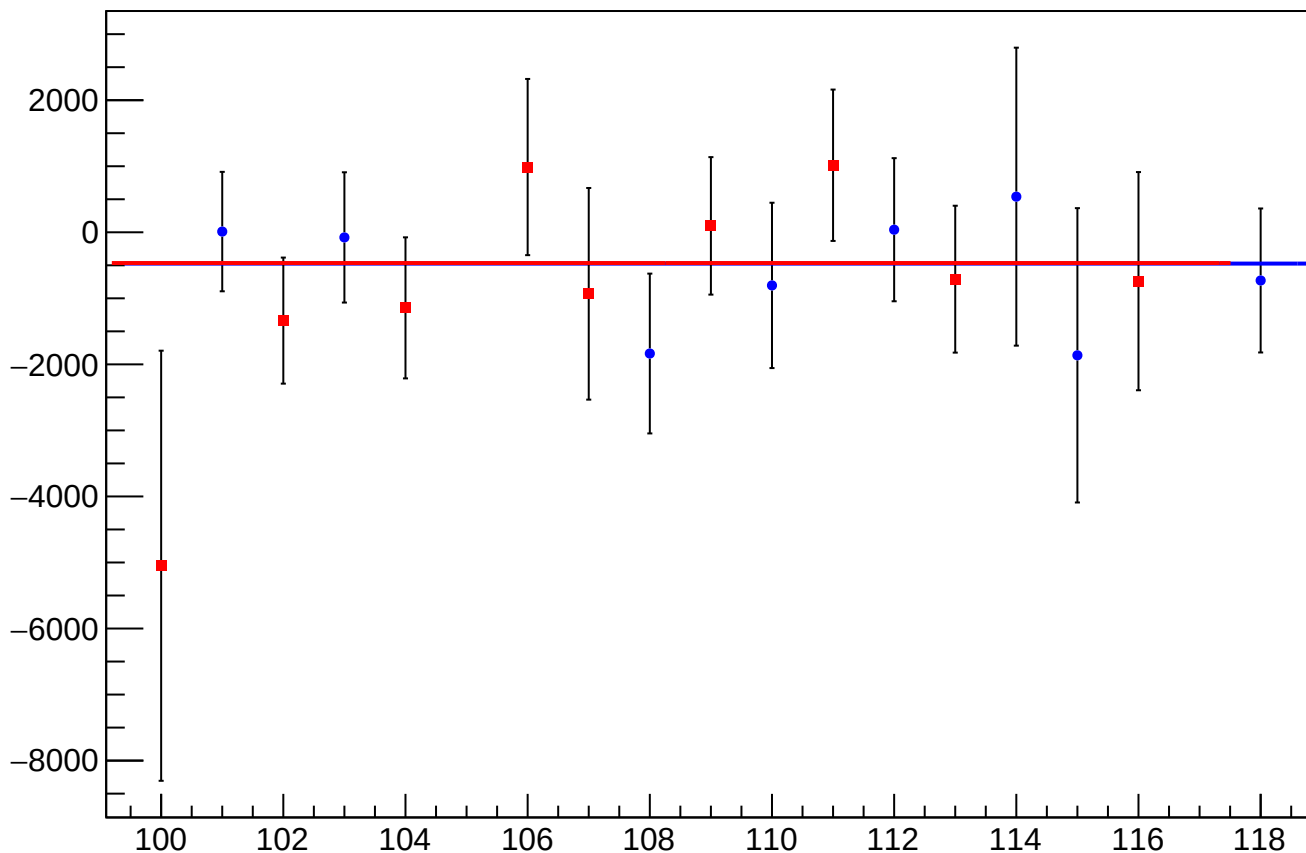
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 633.524+/-0.180 χ^2/NDF : 1245987.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_mean vs Slug



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: -465.736 ± 412.419 χ^2/NDF : 6.5/8

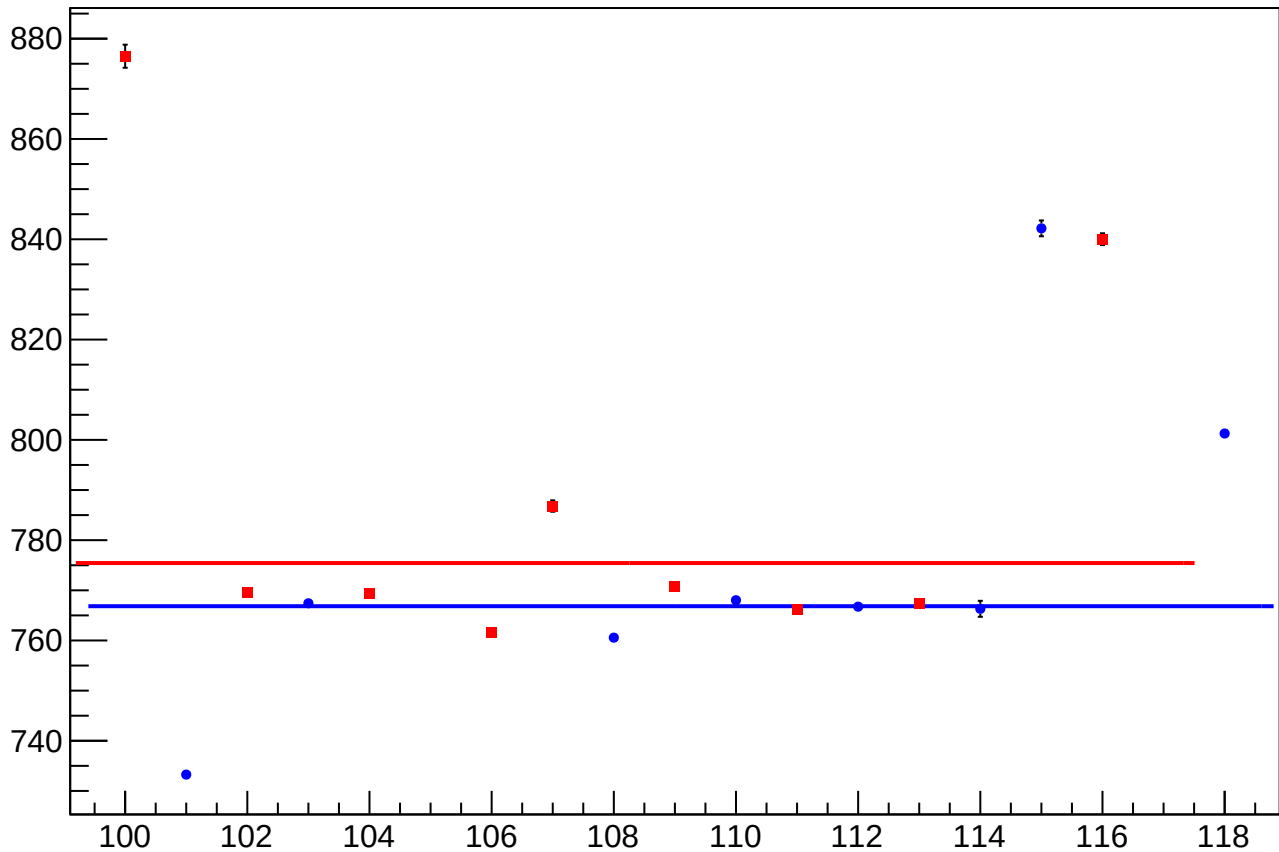
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -469.774 ± 294.342 χ^2/NDF : 9.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 766.833 $\pm$ 0.297 χ^2 /NDF: 7095.5/7

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

Right Out: 775.442 $\pm$ 0.292 χ^2 /NDF: 5720.4/8

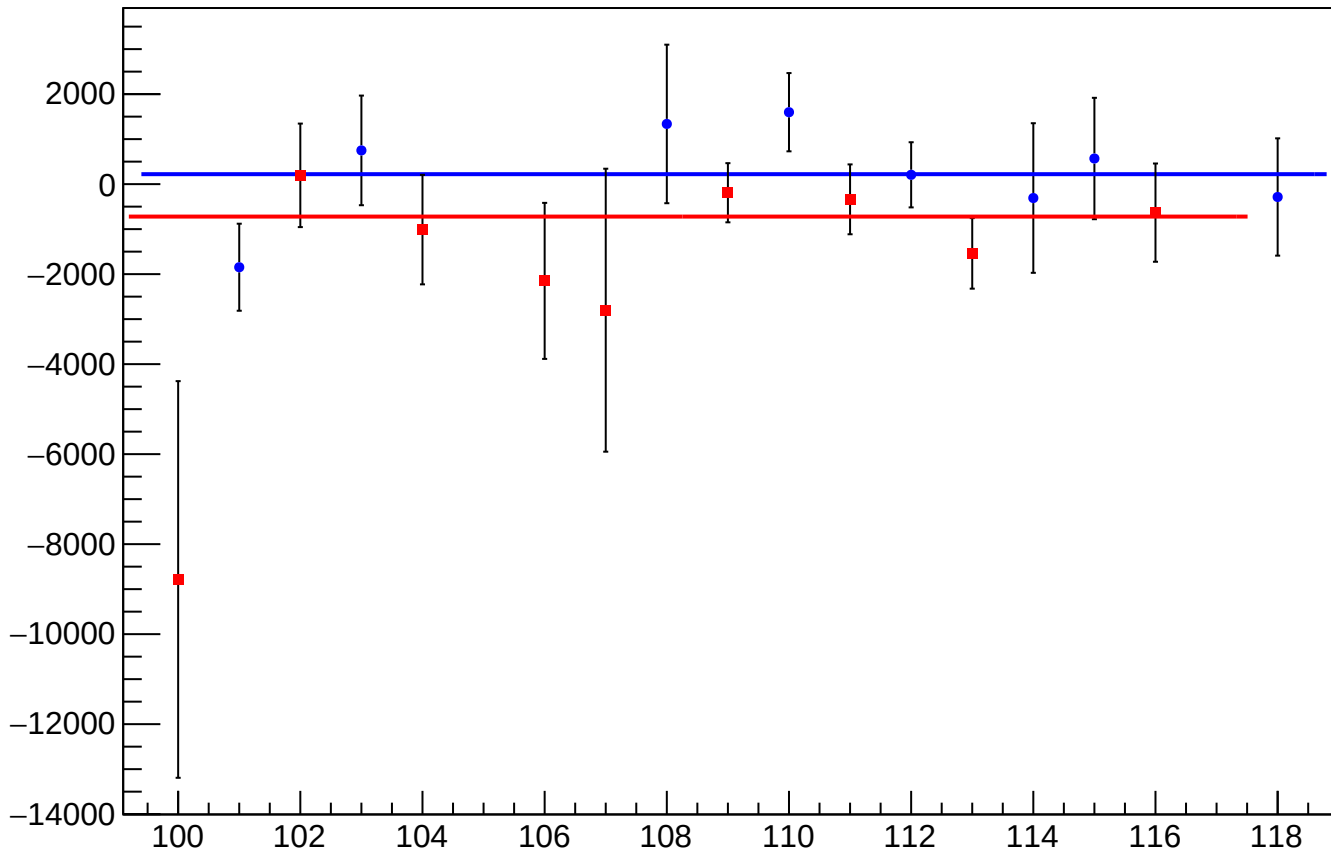
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 771.218 $\pm$ 0.208 χ^2 /NDF: 13243.5/16

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

asym_us_dd_dit_correction_mean vs Slug



Right In: 221.331 $\pm$ 383.578 χ^2 /NDF: 8.0/7

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

Right Out: -720.941 $\pm$ 345.914 χ^2 /NDF: 7.1/8

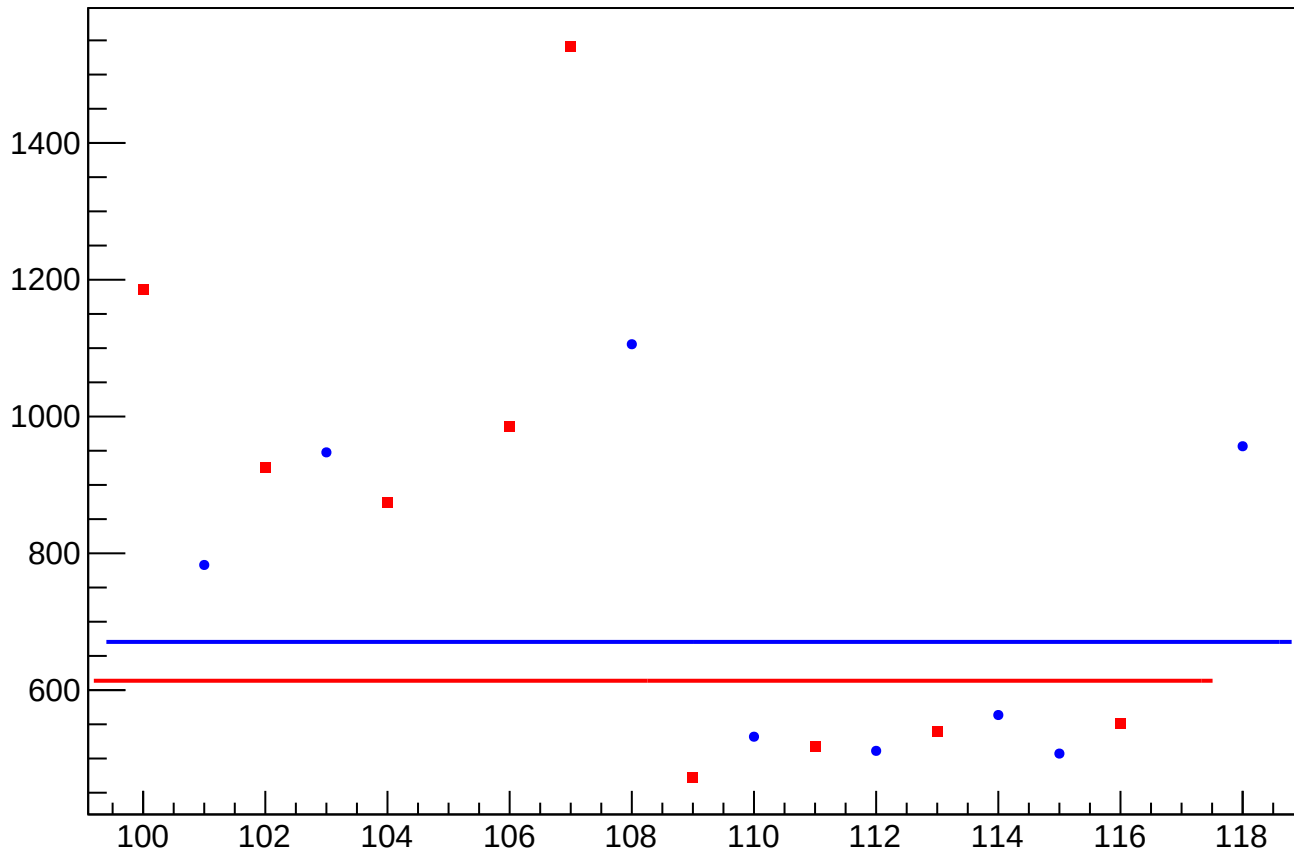
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -298.325 $\pm$ 256.884 χ^2 /NDF: 18.5/16

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

asym_us_dd_dit_correction_rms vs Slug



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: 613.699+/-0.245 χ^2/NDF : 686372.8/8

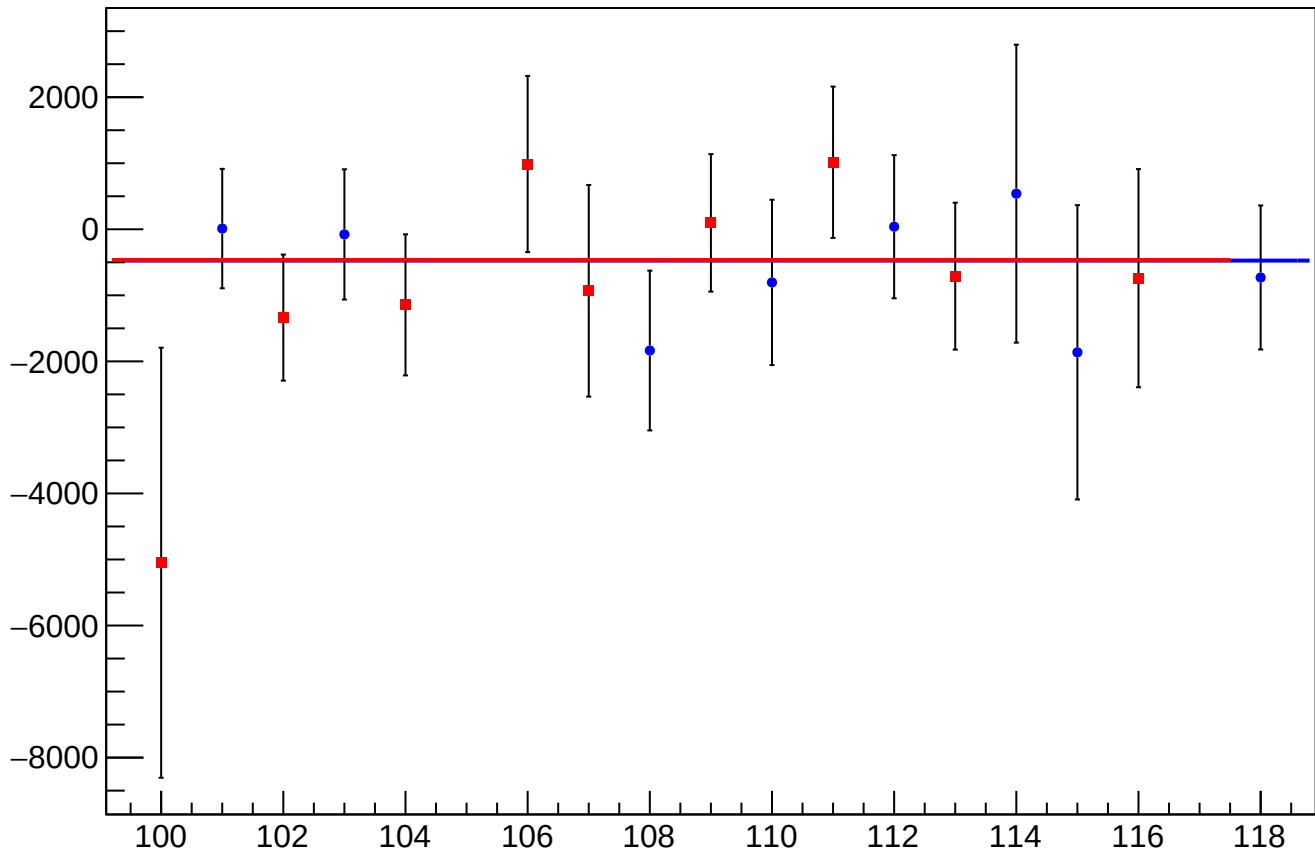
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.172+/-0.182 χ^2/NDF : 1244819.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -473.968 $\pm$ 420.216 χ^2 /NDF: 2.7/7

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

Right Out: -465.733 $\pm$ 412.419 χ^2 /NDF: 6.5/8

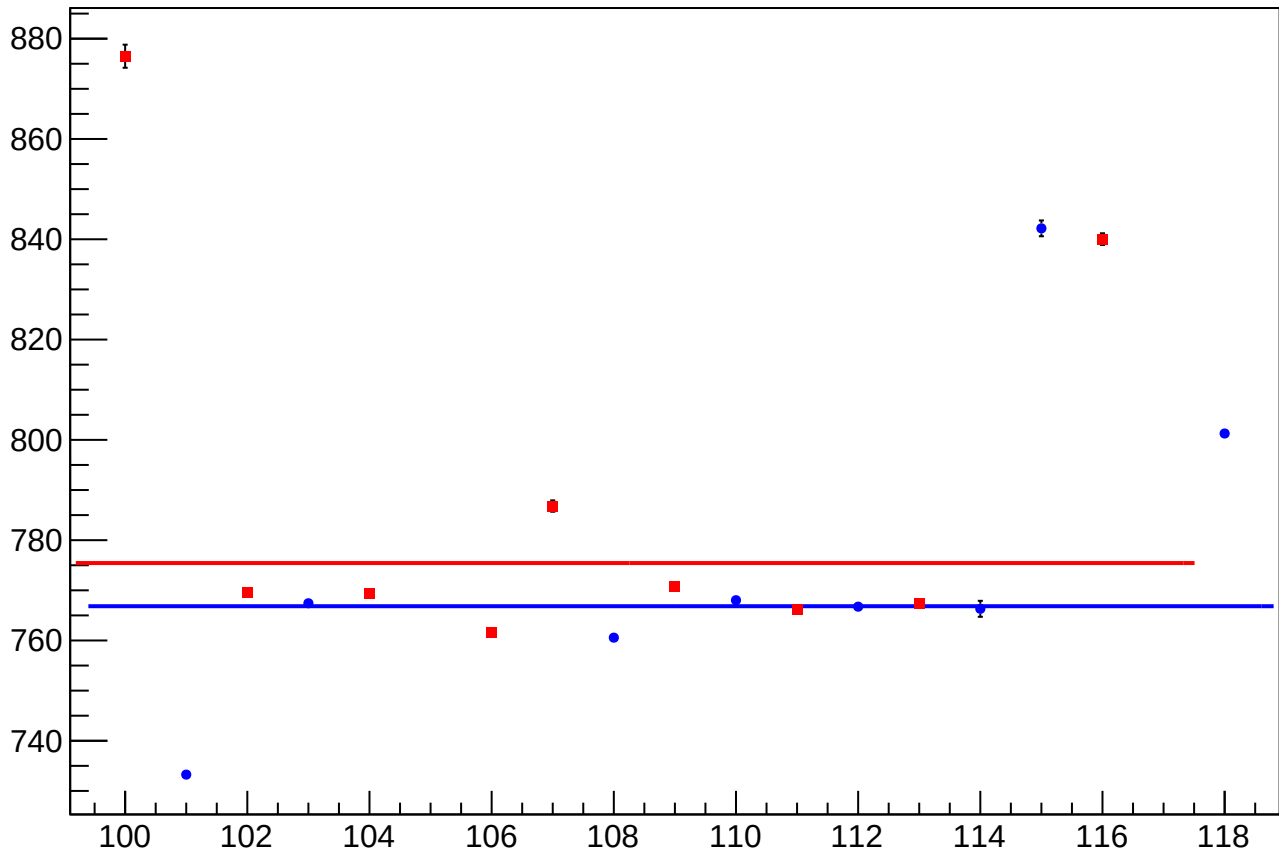
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -469.773 $\pm$ 294.342 χ^2 /NDF: 9.2/16

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

eigen_dit_asym_us_dd_rms vs Slug



Right In: 766.833 $\pm$ 0.297 χ^2 /NDF: 7095.5/7

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

Right Out: 775.442 $\pm$ 0.292 χ^2 /NDF: 5720.4/8

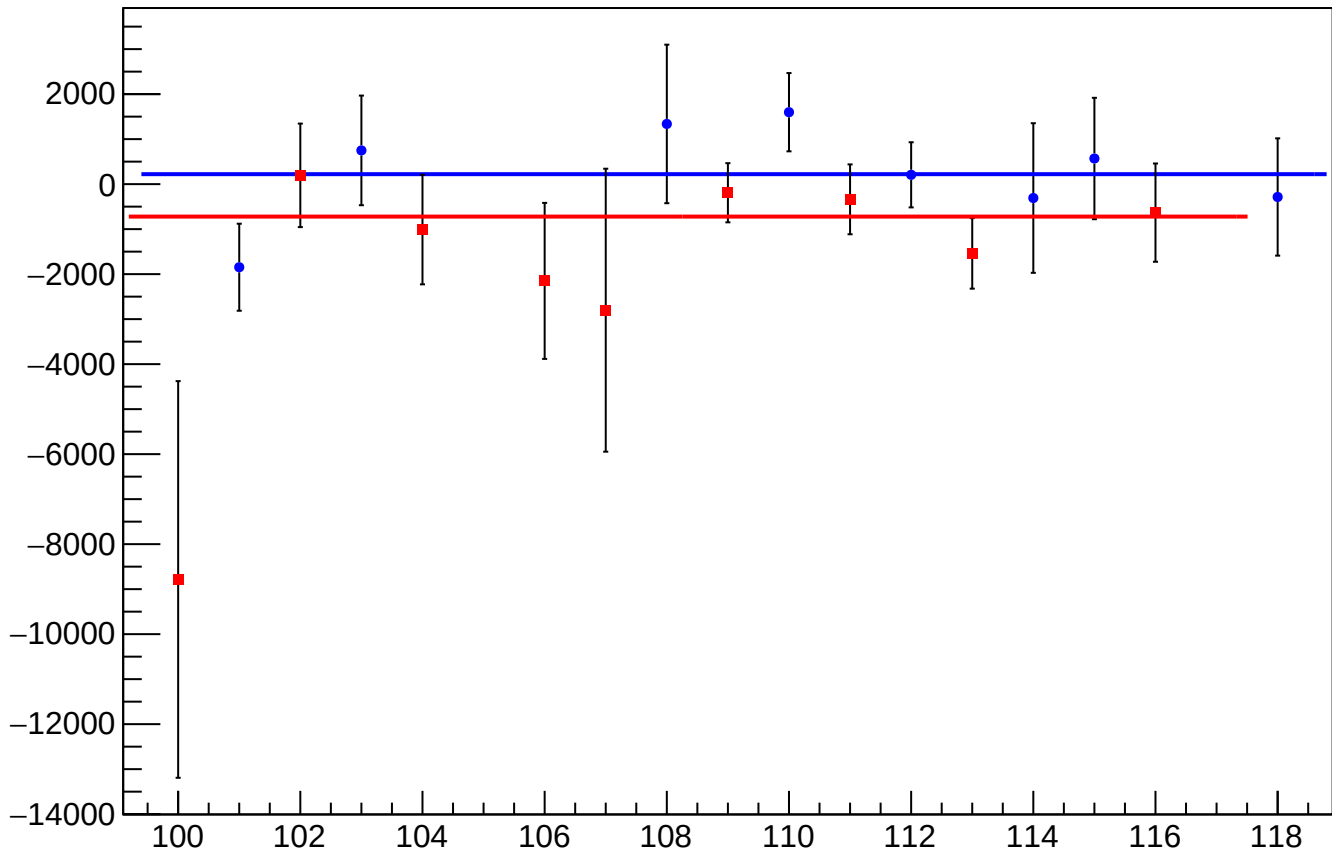
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 771.218 $\pm$ 0.208 χ^2 /NDF: 13243.5/16

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

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: 221.331 $\pm$ 383.575 χ^2 /NDF: 8.0/7

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

Right Out: -720.938 $\pm$ 345.912 χ^2 /NDF: 7.1/8

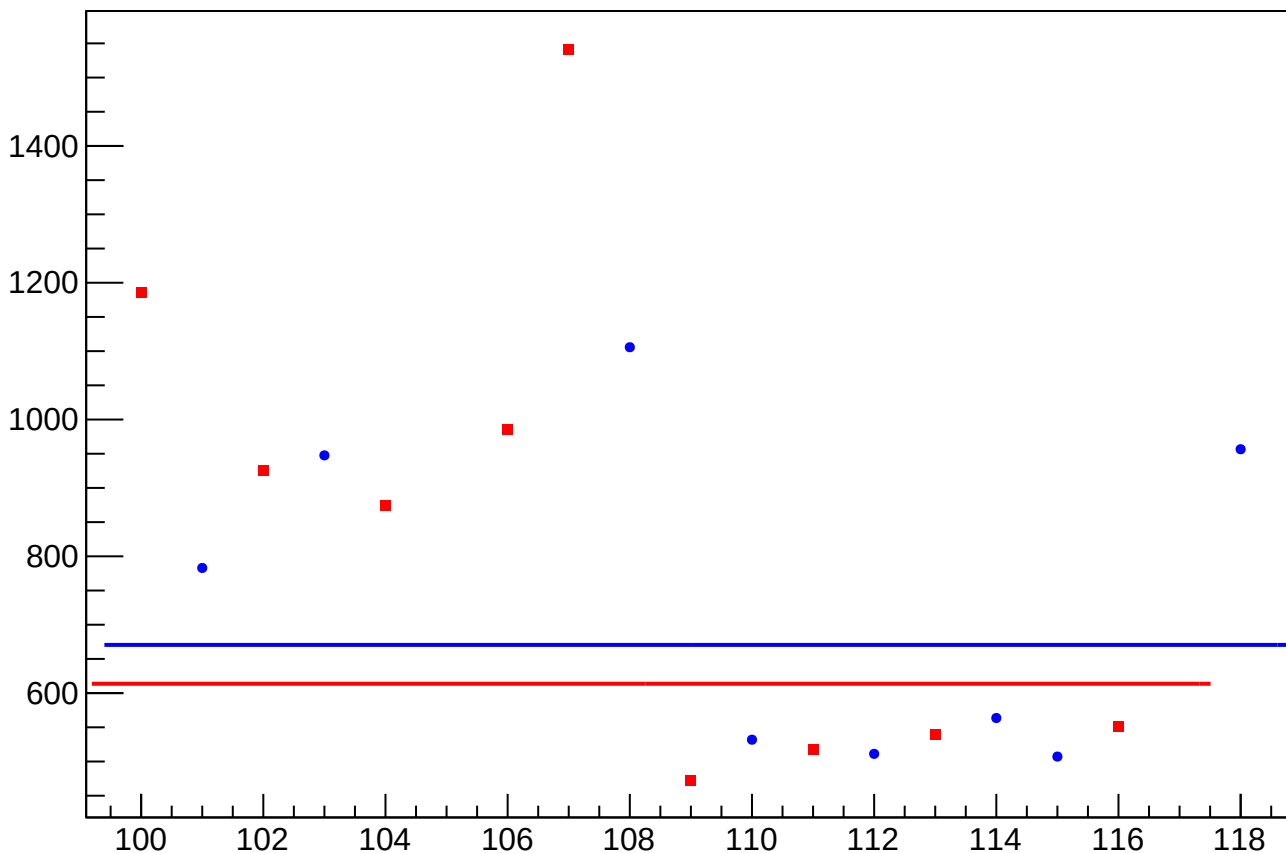
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -298.324 $\pm$ 256.883 χ^2 /NDF: 18.5/16

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

asym_us_dd_eigen_dit_correction_rms vs Slug



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: 613.695+/-0.245 χ^2/NDF : 686388.4/8

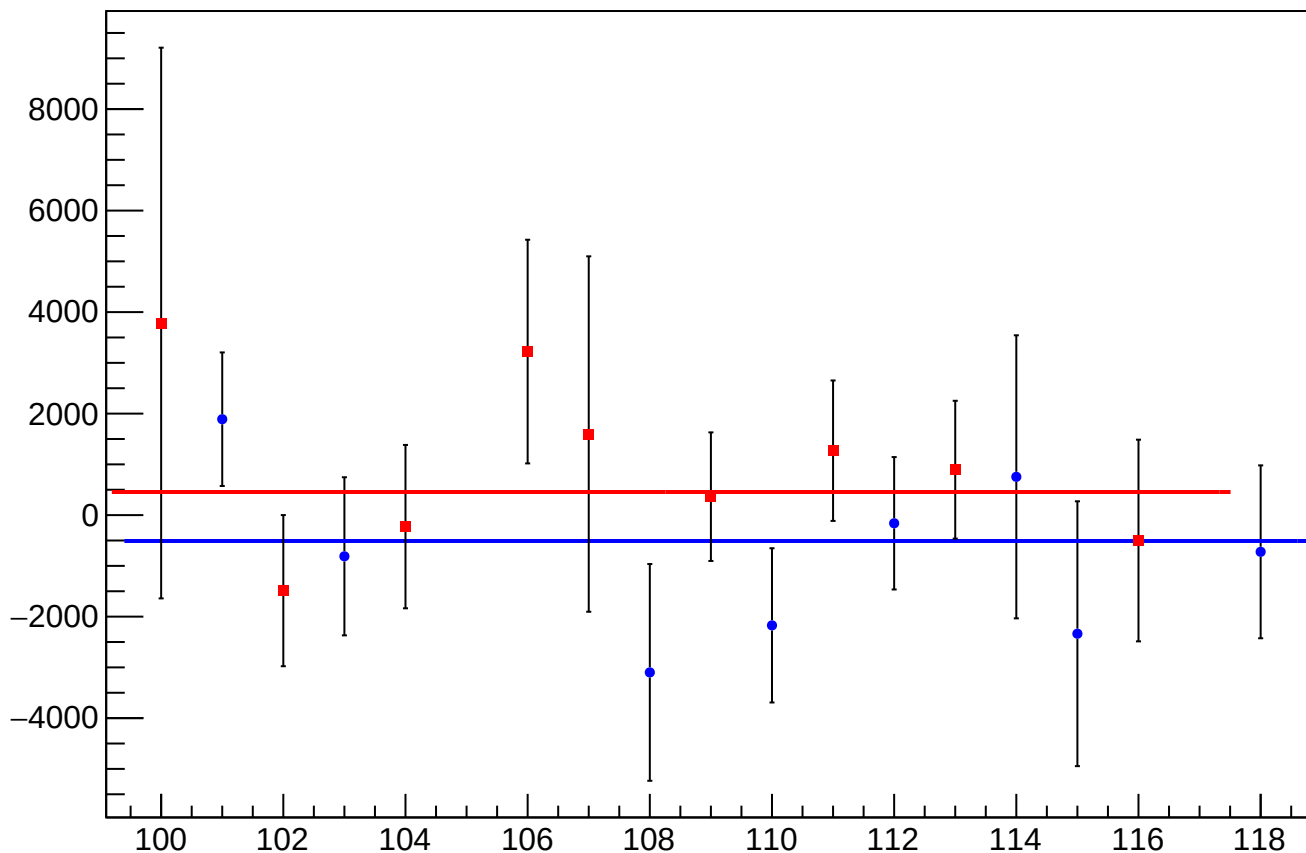
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 639.167+/-0.182 χ^2/NDF : 1244849.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_mean vs Slug



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: 455.561+/-567.949 χ^2/NDF : 4.6/8

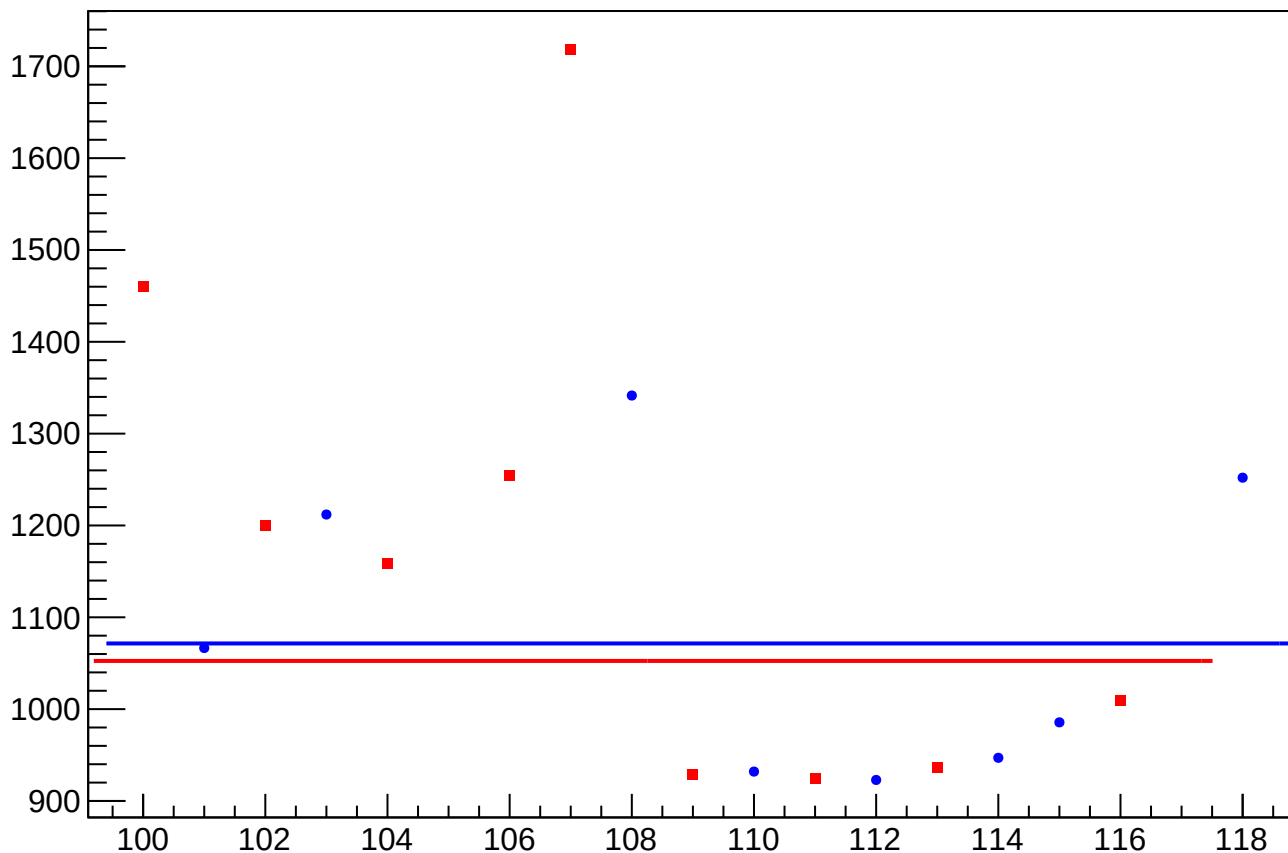
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.793+/-409.948 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_rms vs Slug



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: 1052.483+/-0.402 χ^2/NDF : 180167.2/8

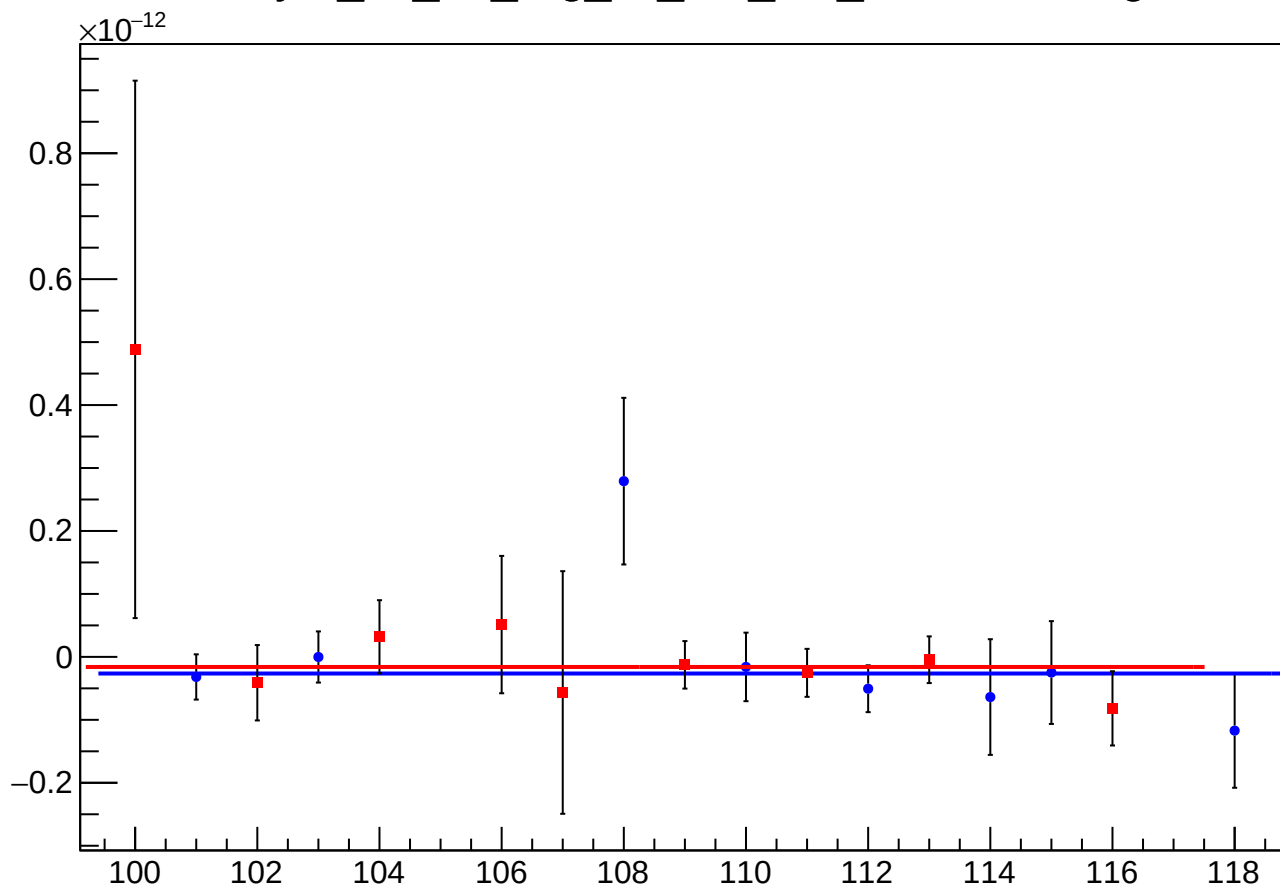
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.600+/-0.290 χ^2/NDF : 300952.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_vs_cor_diff_mean vs Slug



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 : 4.1/8

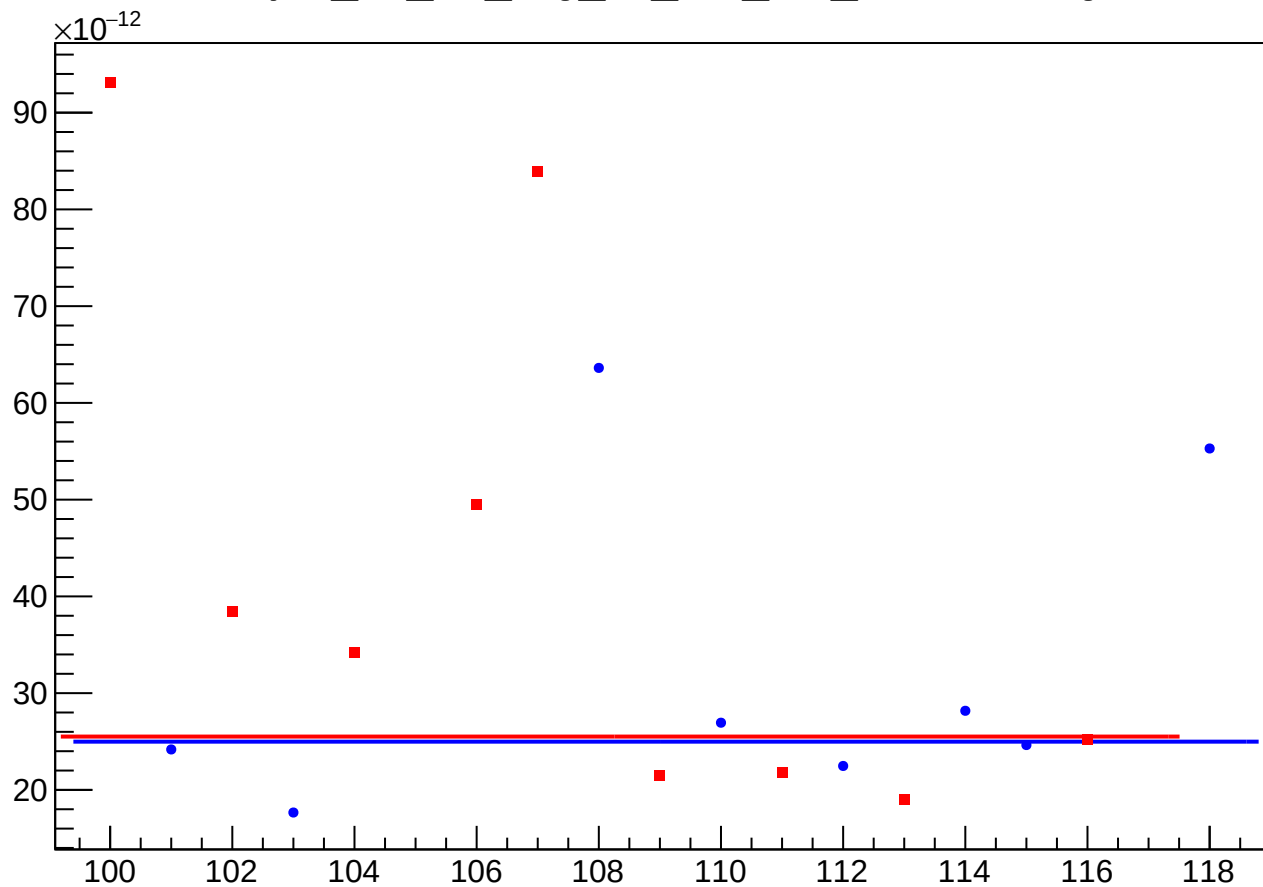
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_vs_cor_diff_rms vs Slug



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 : 569675.9/8

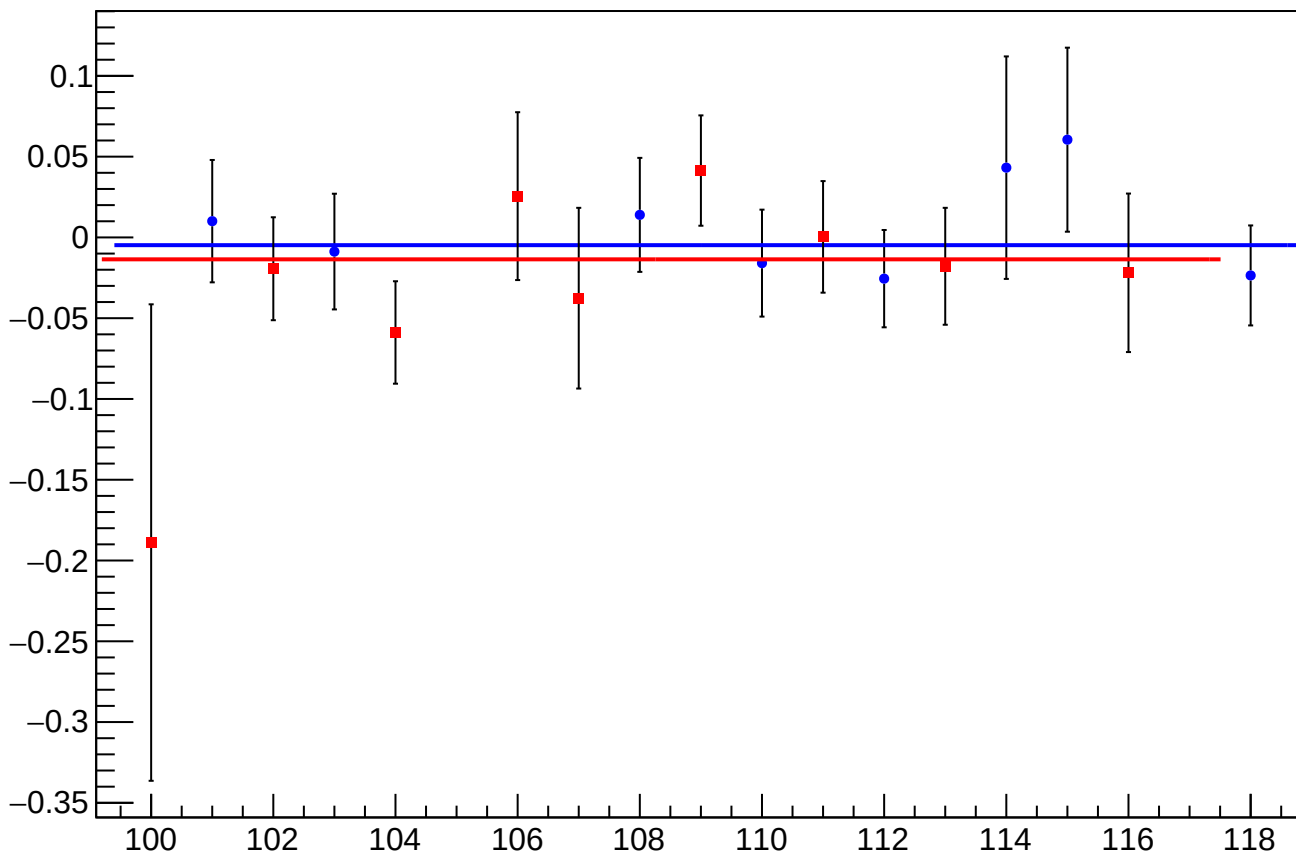
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1043906.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



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: -0.014 ± 0.013 χ^2/NDF : 7.0/8

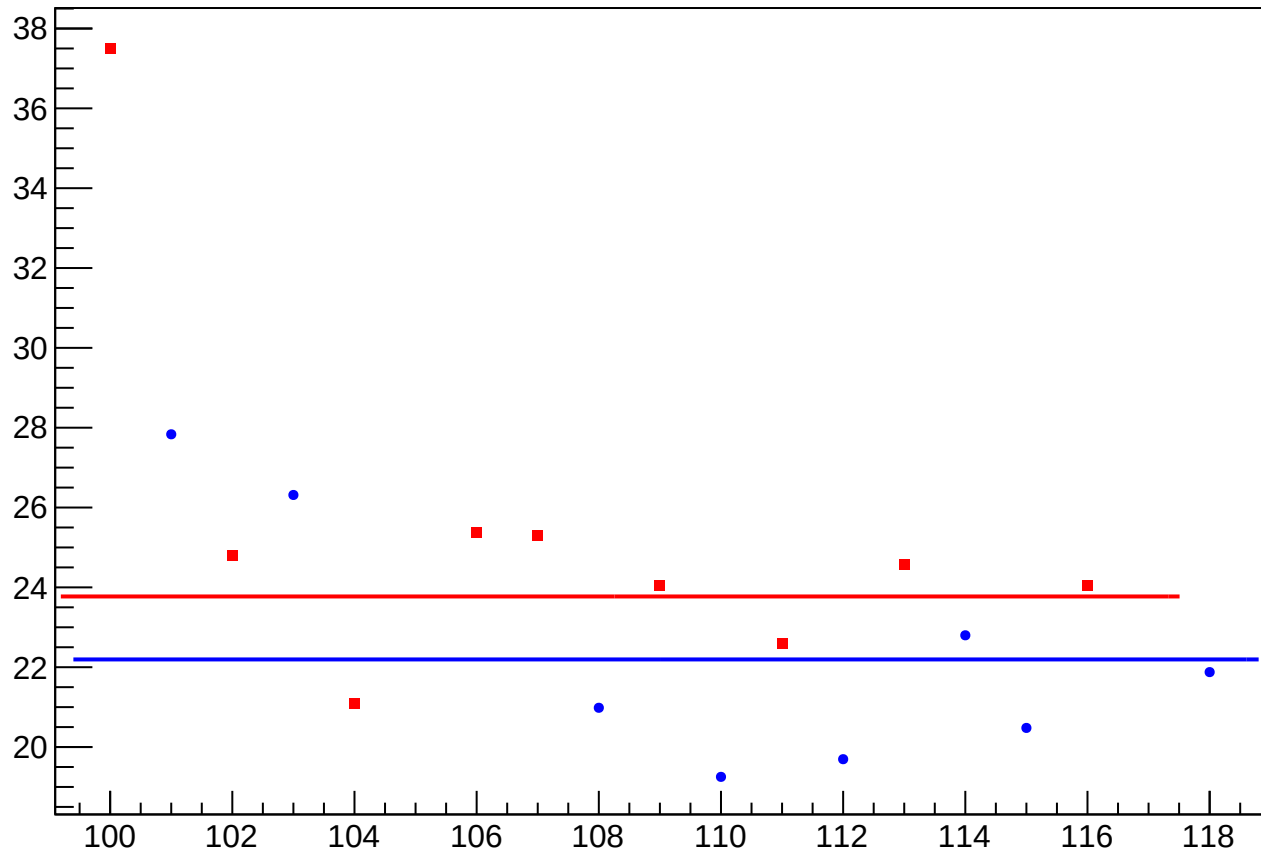
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 10.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 22.195 $\pm$ 0.009 χ^2 /NDF: 104922.7/7

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

Right Out: 23.772 $\pm$ 0.009 χ^2 /NDF: 40717.4/8

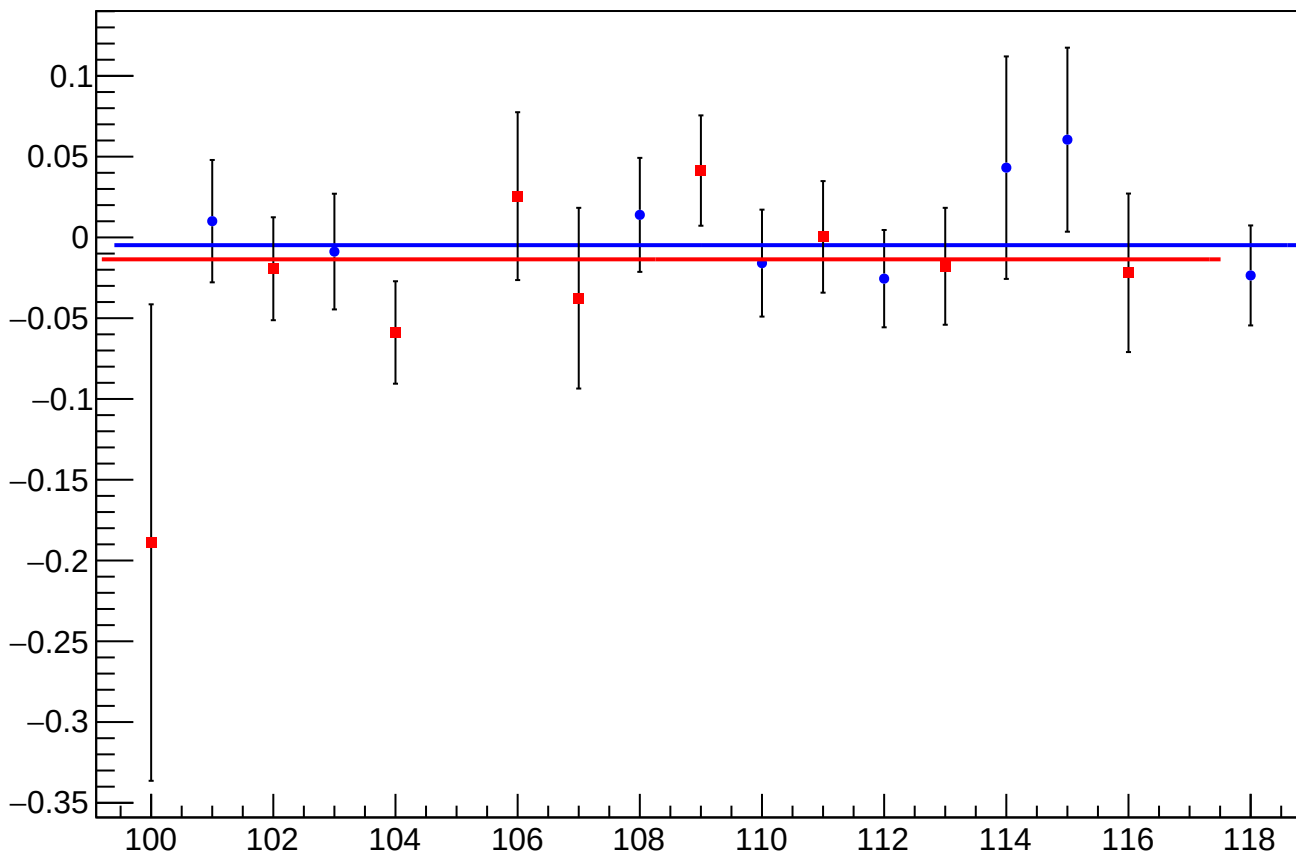
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 22.965 $\pm$ 0.007 χ^2 /NDF: 159879.6/16

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

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.014 ± 0.013 χ^2/NDF : 7.0/8

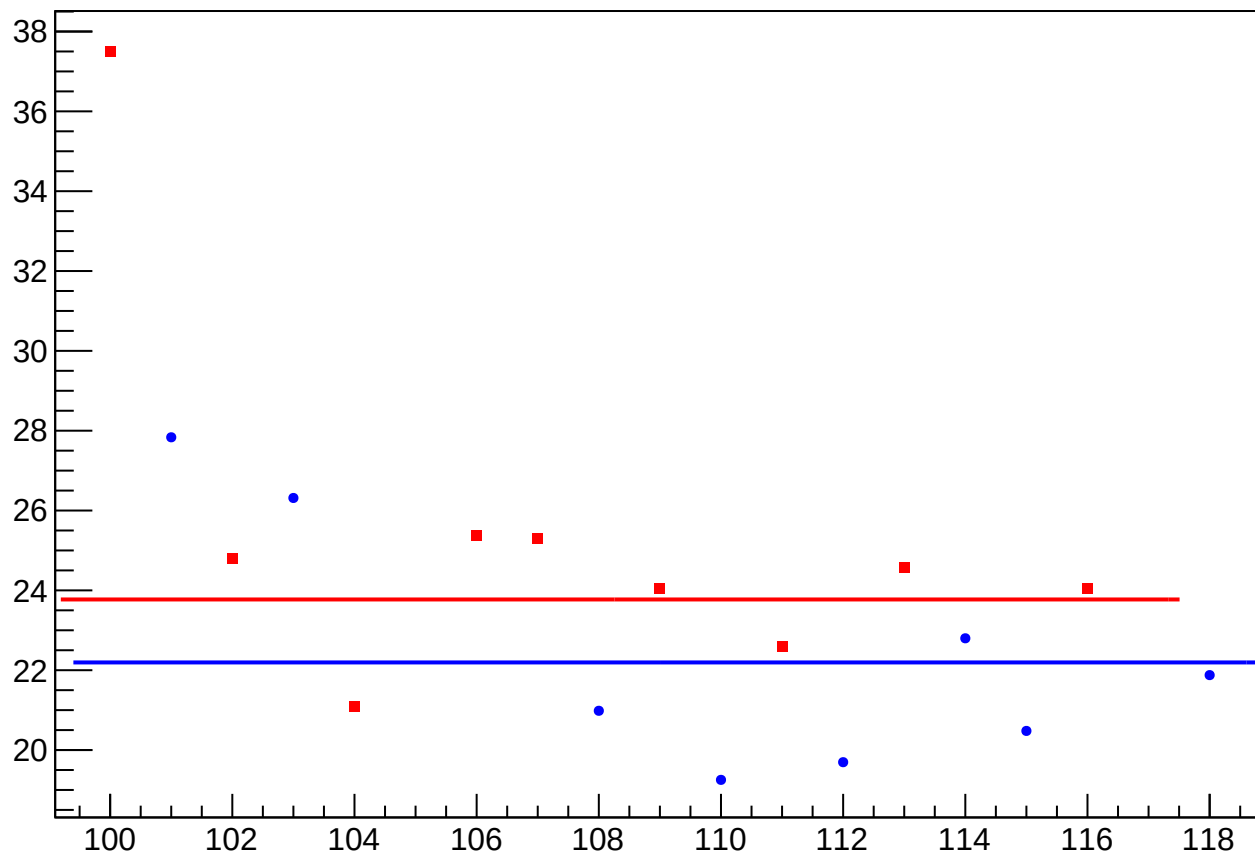
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 10.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 23.772+/-0.009 χ^2/NDF : 40717.4/8

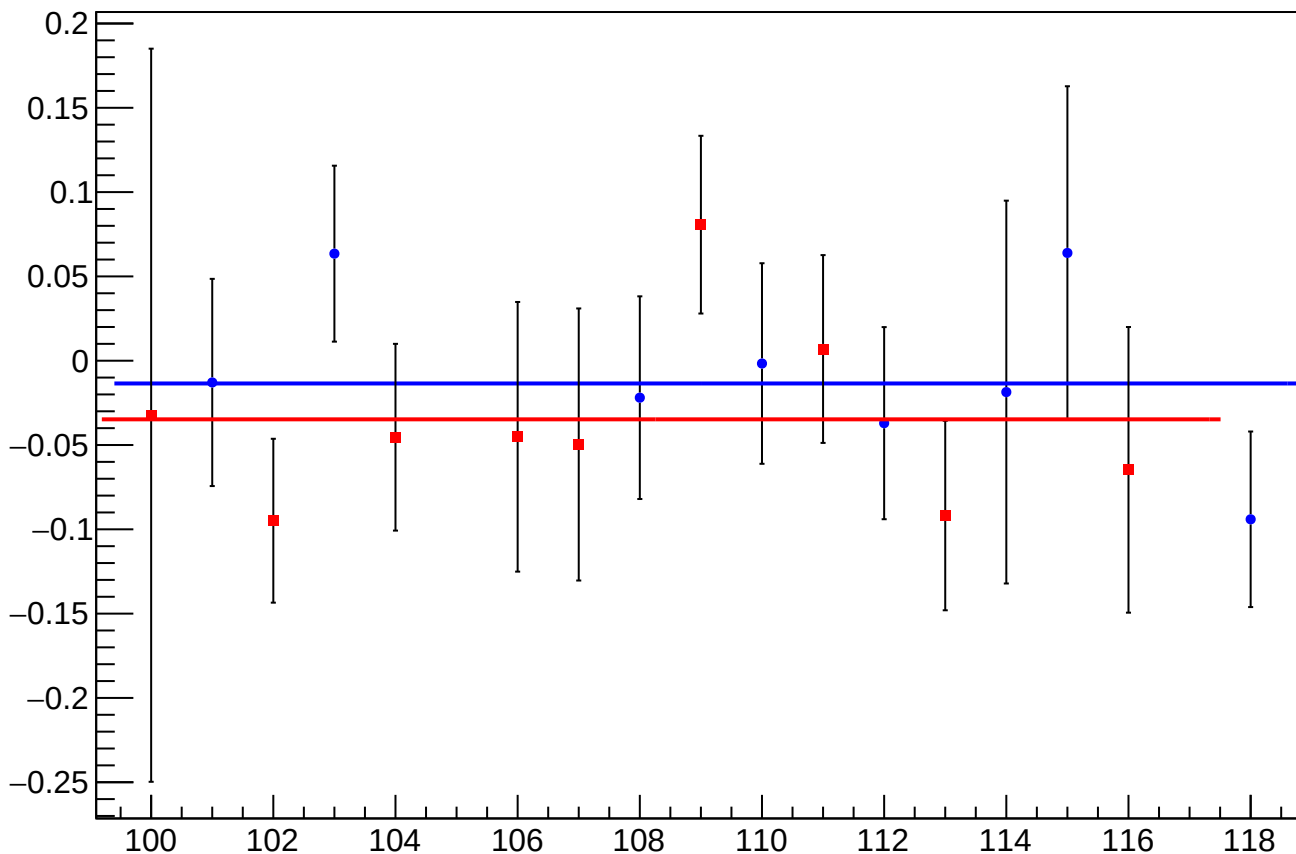
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.965+/-0.007 χ^2/NDF : 159879.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.022 χ^2 /NDF: 5.4/7

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

Right Out: -0.035 $\pm$ 0.021 χ^2 /NDF: 8.1/8

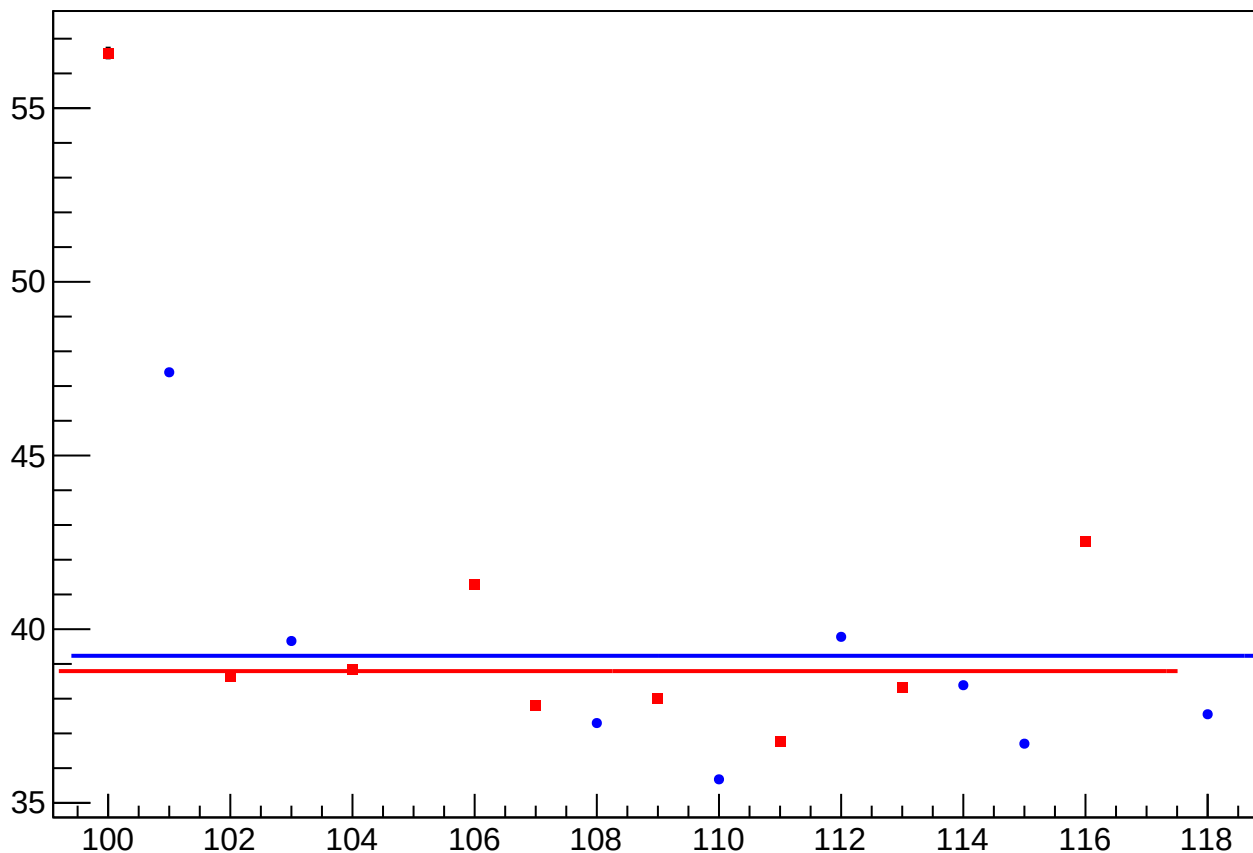
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.025 $\pm$ 0.015 χ^2 /NDF: 14.0/16

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

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 39.234 $\pm$ 0.016 χ^2 /NDF: 48342.1/7

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

Right Out: 38.794 $\pm$ 0.015 χ^2 /NDF: 22800.3/8

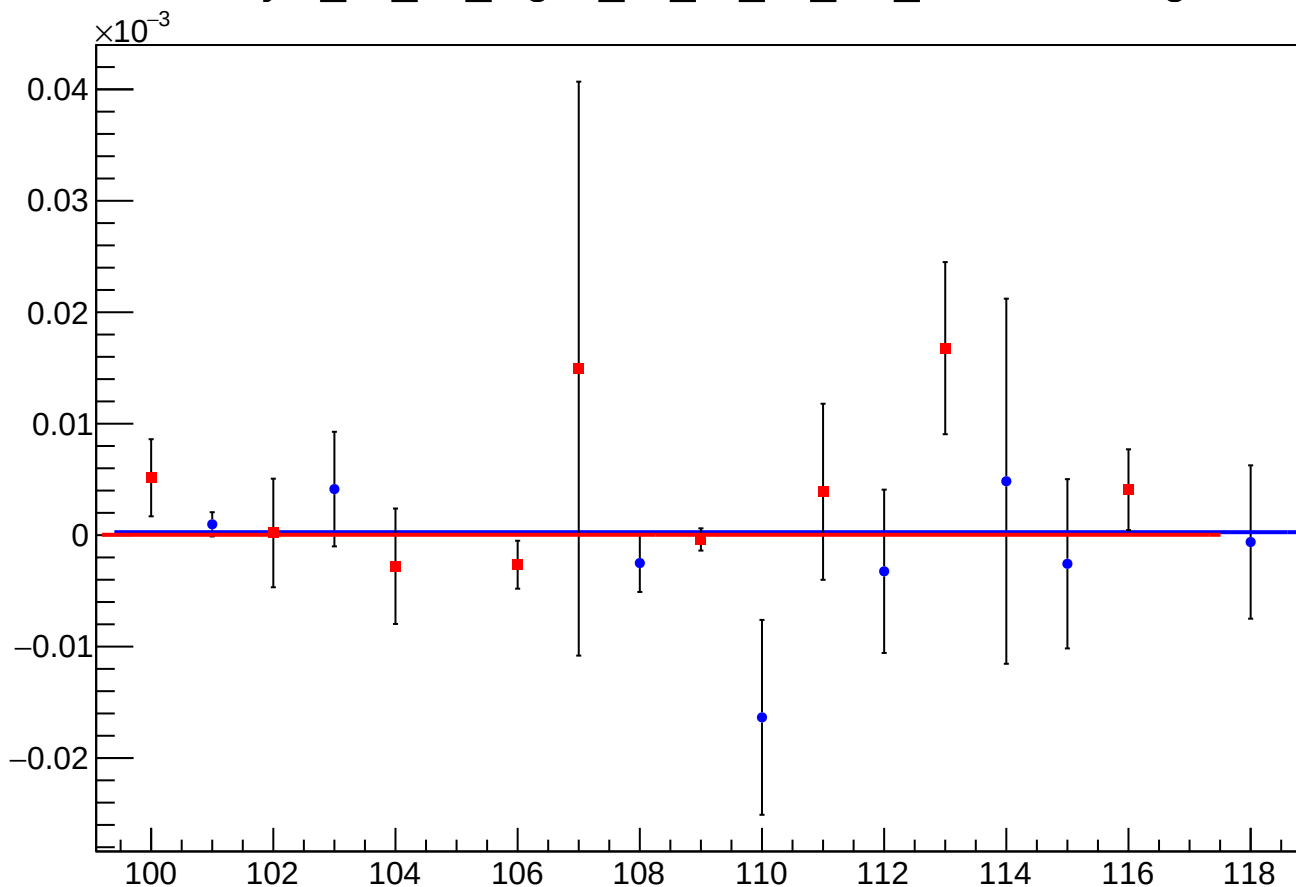
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 39.005 $\pm$ 0.011 χ^2 /NDF: 71556.2/16

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

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 10.7/8

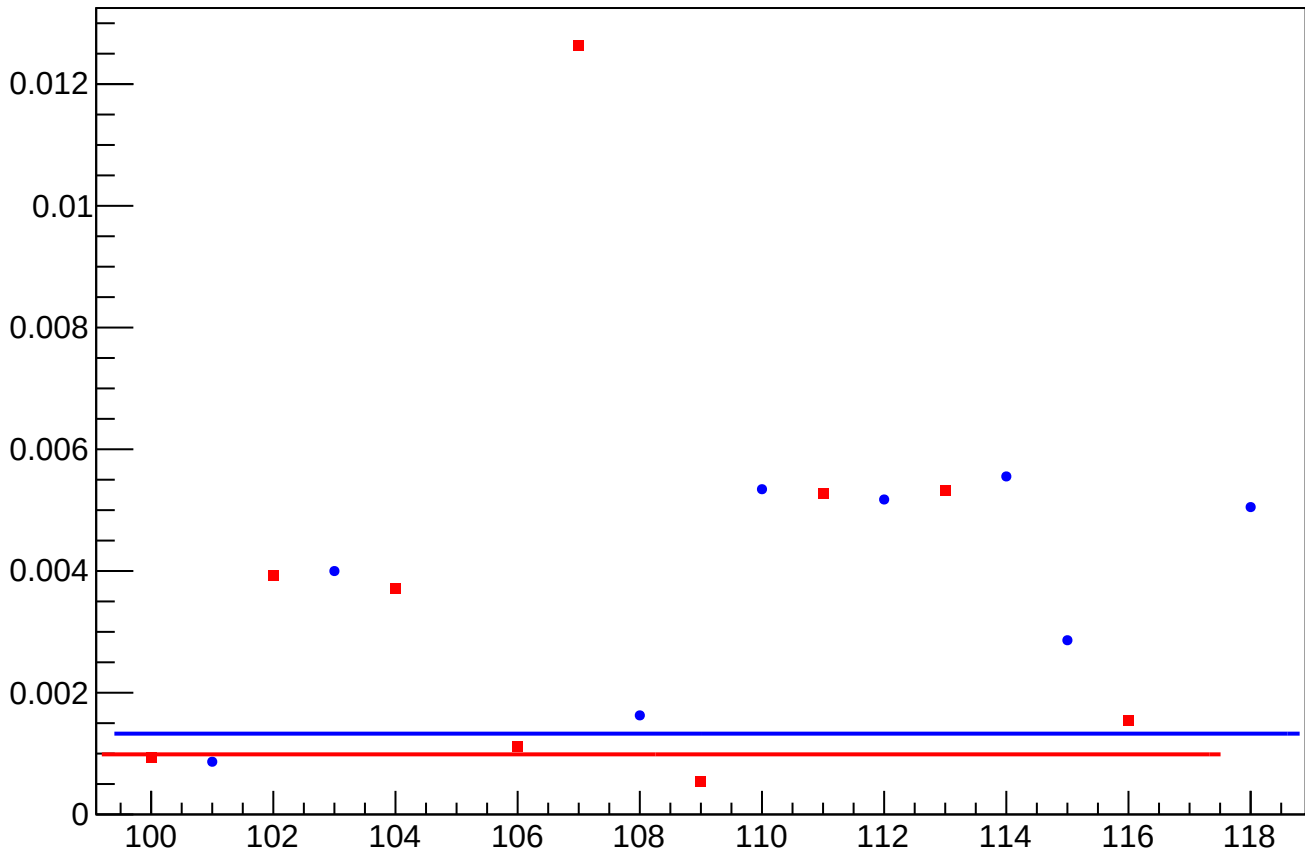
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/16

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

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 3366264.6/8

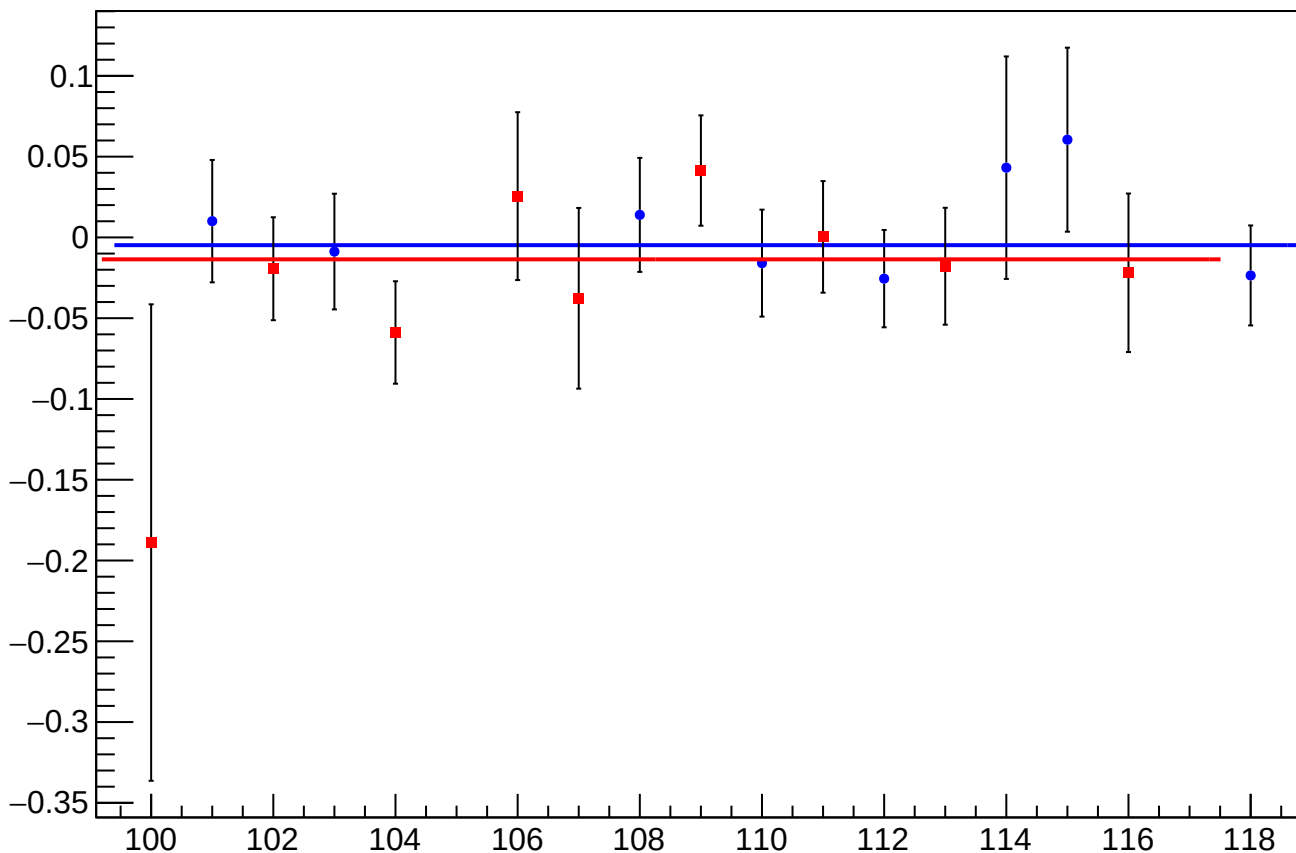
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6215115.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.014 ± 0.013 χ^2/NDF : 7.0/8

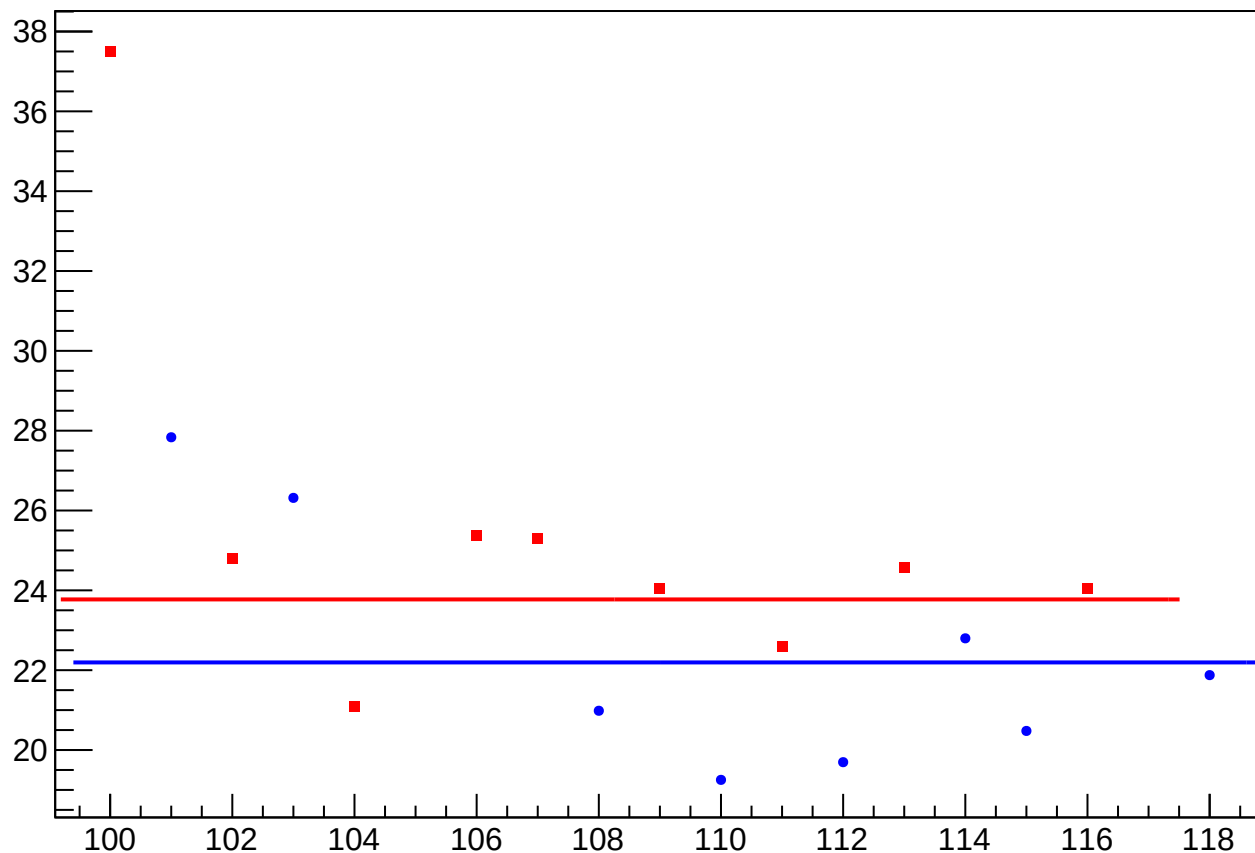
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 10.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.194 $\pm$ 0.009 χ^2 /NDF: 104959.7/7

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

Right Out: 23.773 $\pm$ 0.009 χ^2 /NDF: 40709.5/8

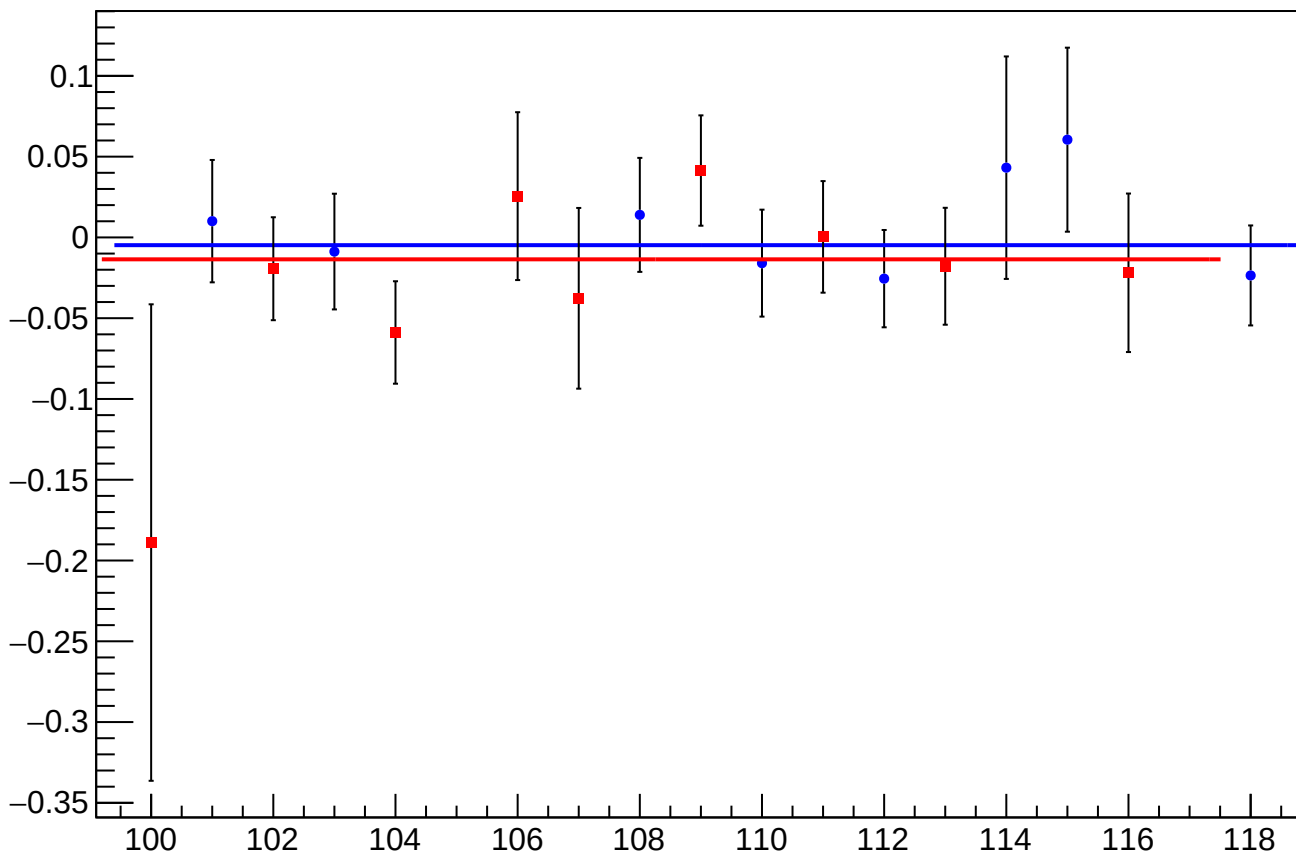
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 22.965 $\pm$ 0.007 χ^2 /NDF: 159922.6/16

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.014 $\pm$ 0.013 χ^2 /NDF: 7.0/8

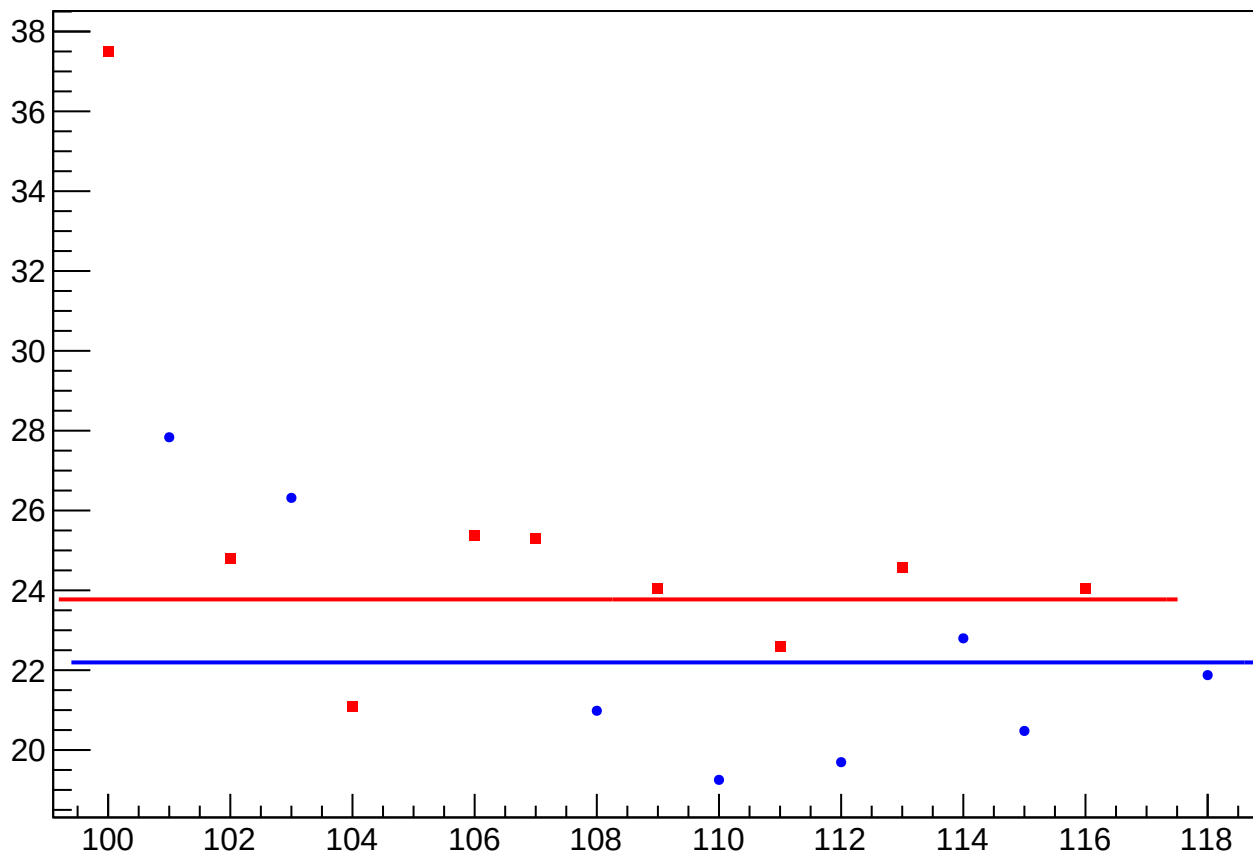
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.009 $\pm$ 0.009 χ^2 /NDF: 10.5/16

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

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 23.773+/-0.009 χ^2/NDF : 40709.5/8

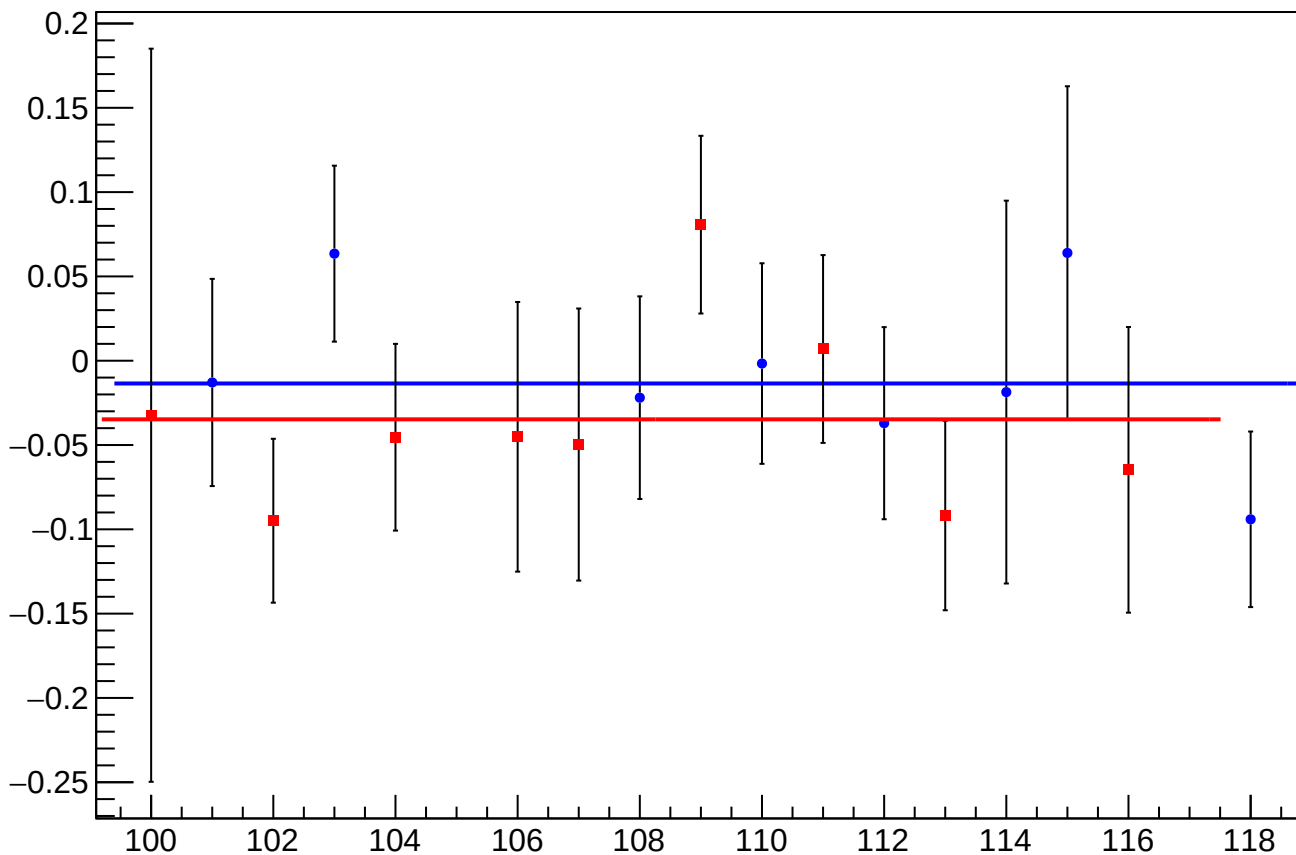
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.965+/-0.007 χ^2/NDF : 159922.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug



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: -0.035 $\pm$ 0.021 χ^2 /NDF: 8.1/8

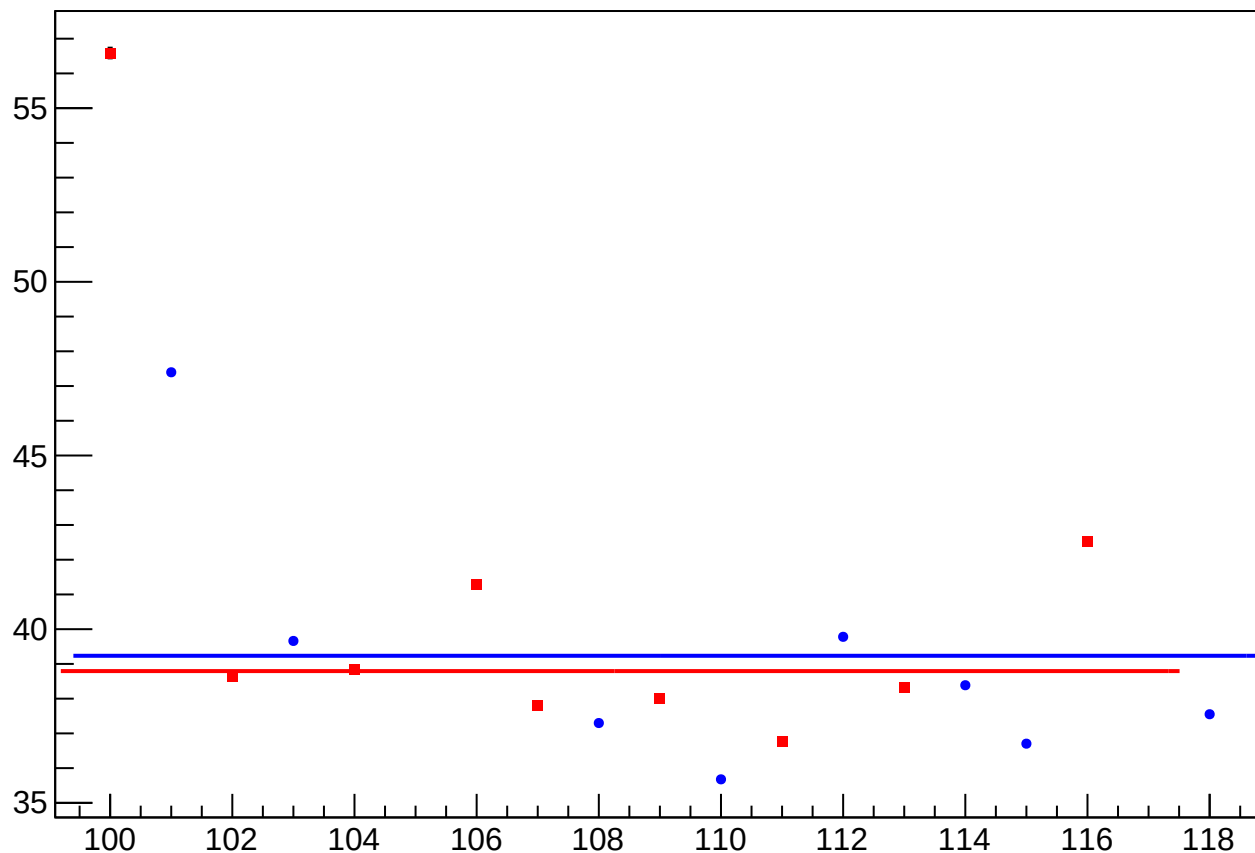
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.025 $\pm$ 0.015 χ^2 /NDF: 14.0/16

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

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 39.234 $\pm$ 0.016 χ^2 /NDF: 48347.1/7

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

Right Out: 38.794 $\pm$ 0.015 χ^2 /NDF: 22800.5/8

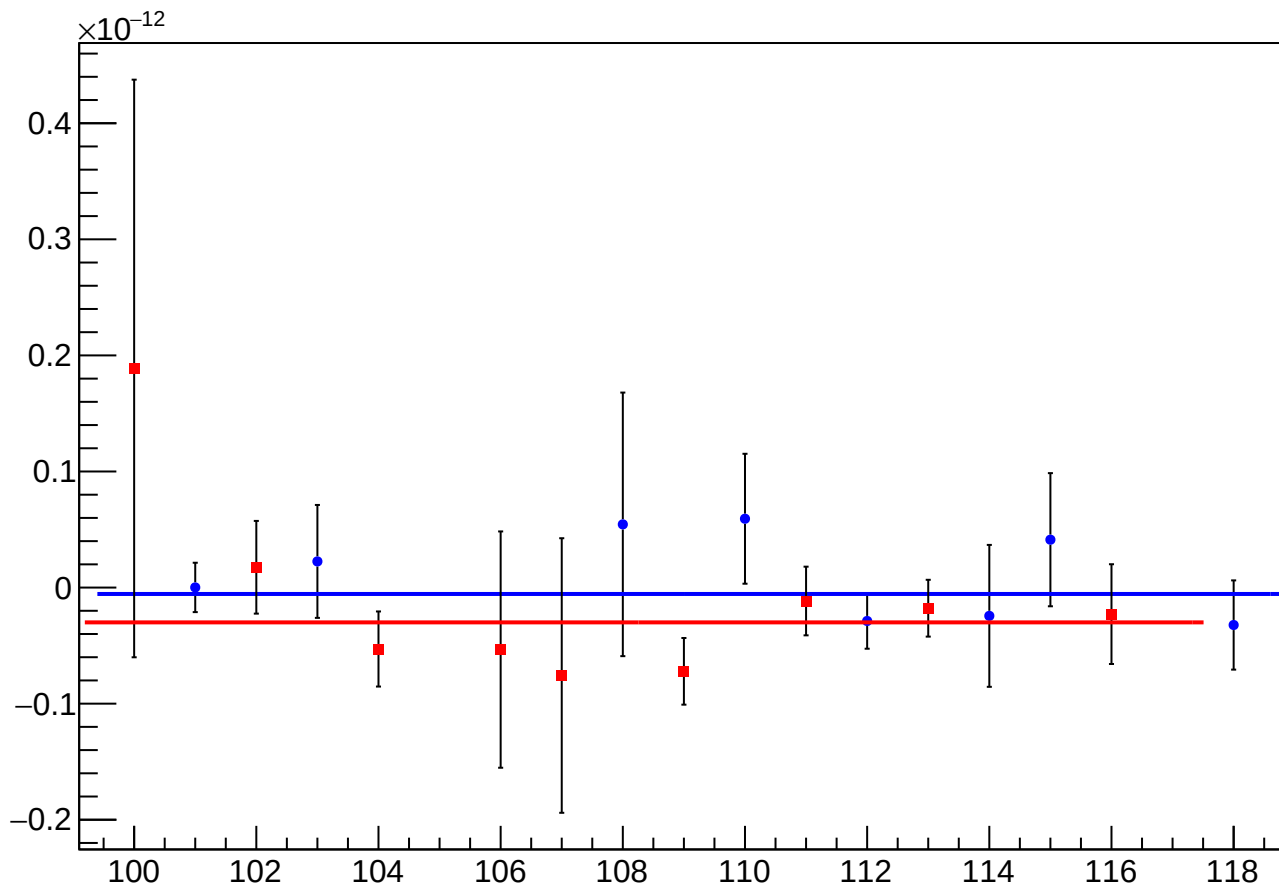
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

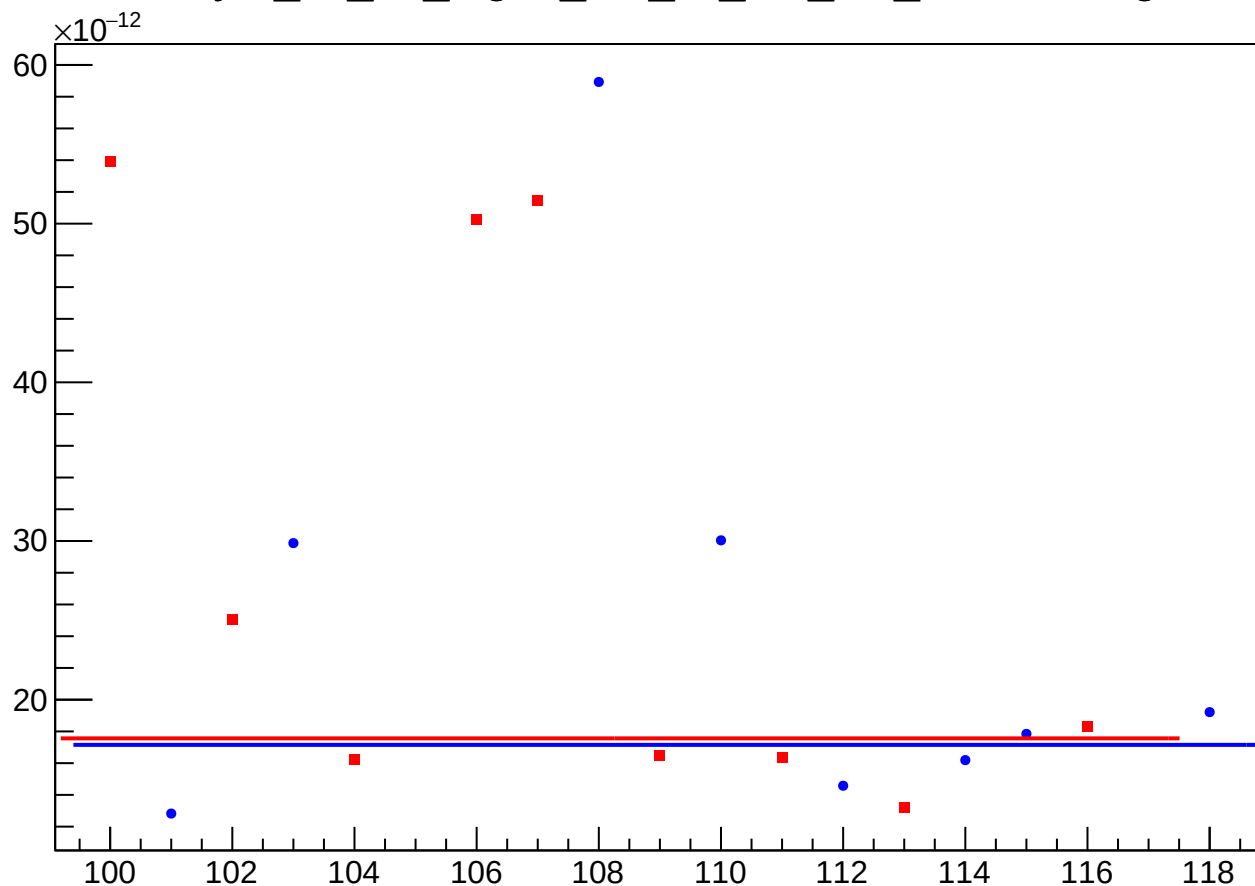
All: 39.005 $\pm$ 0.011 χ^2 /NDF: 71561.2/16

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

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 557132.7/8

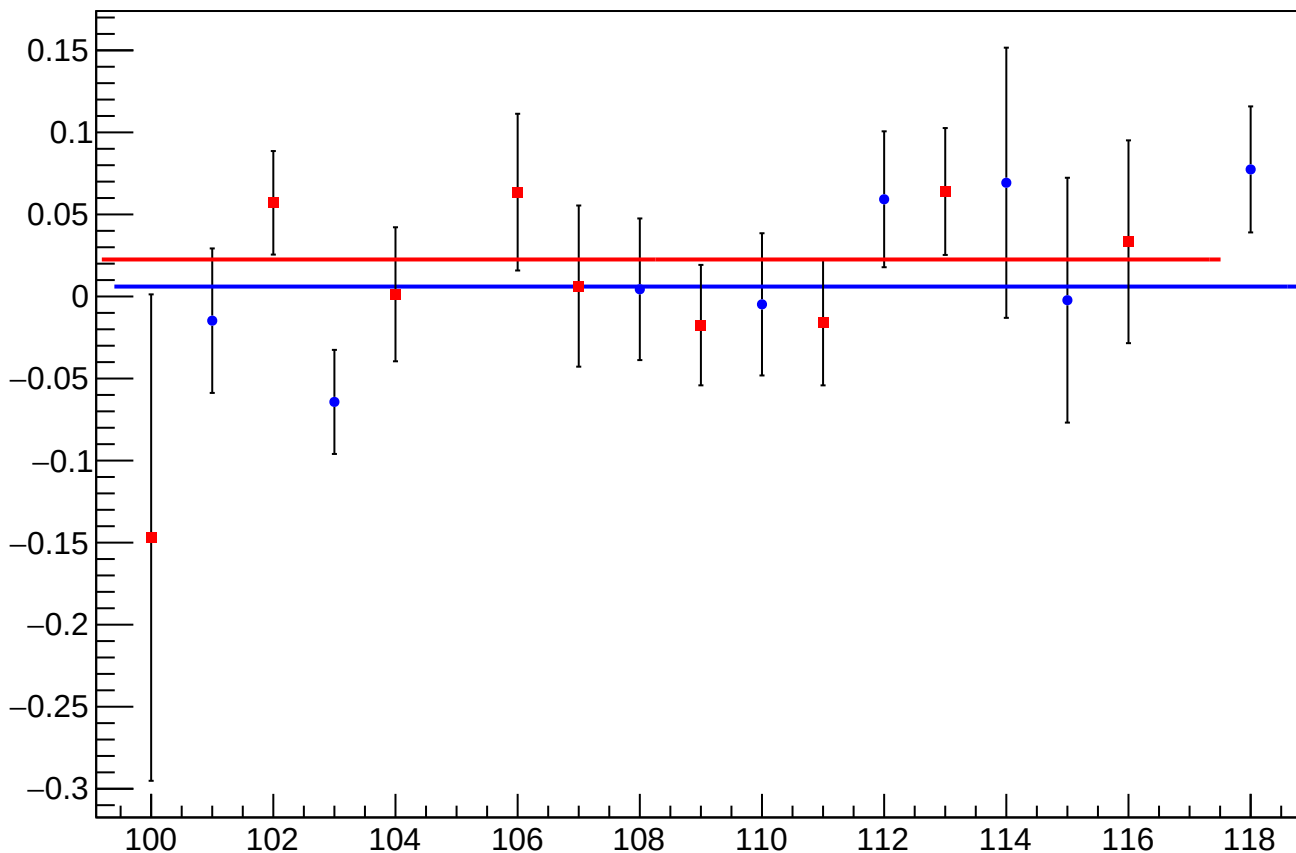
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1184376.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.015 χ^2 /NDF: 10.9/7

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

Right Out: 0.023 $\pm$ 0.014 χ^2 /NDF: 7.0/8

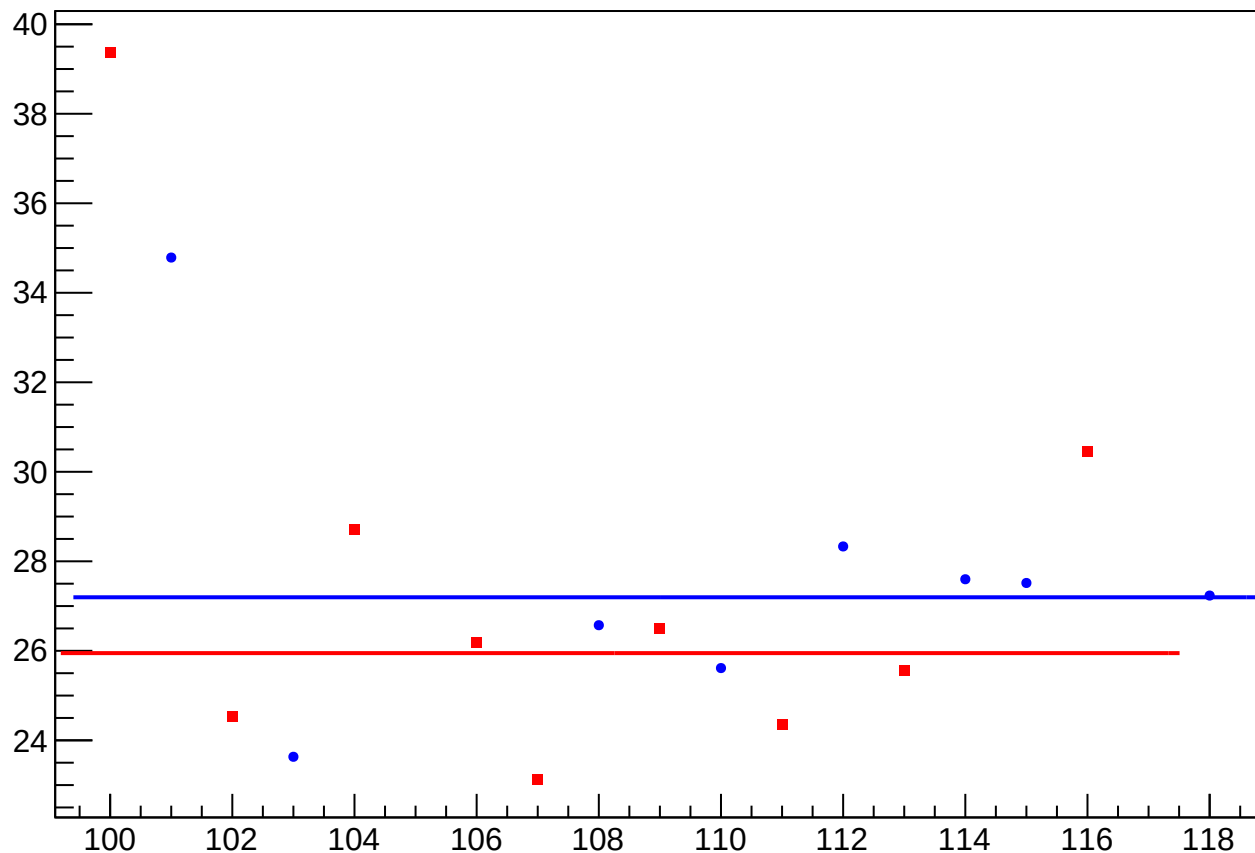
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.015 $\pm$ 0.011 χ^2 /NDF: 18.5/16

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

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



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: 25.949+/-0.010 χ^2/NDF : 50940.8/8

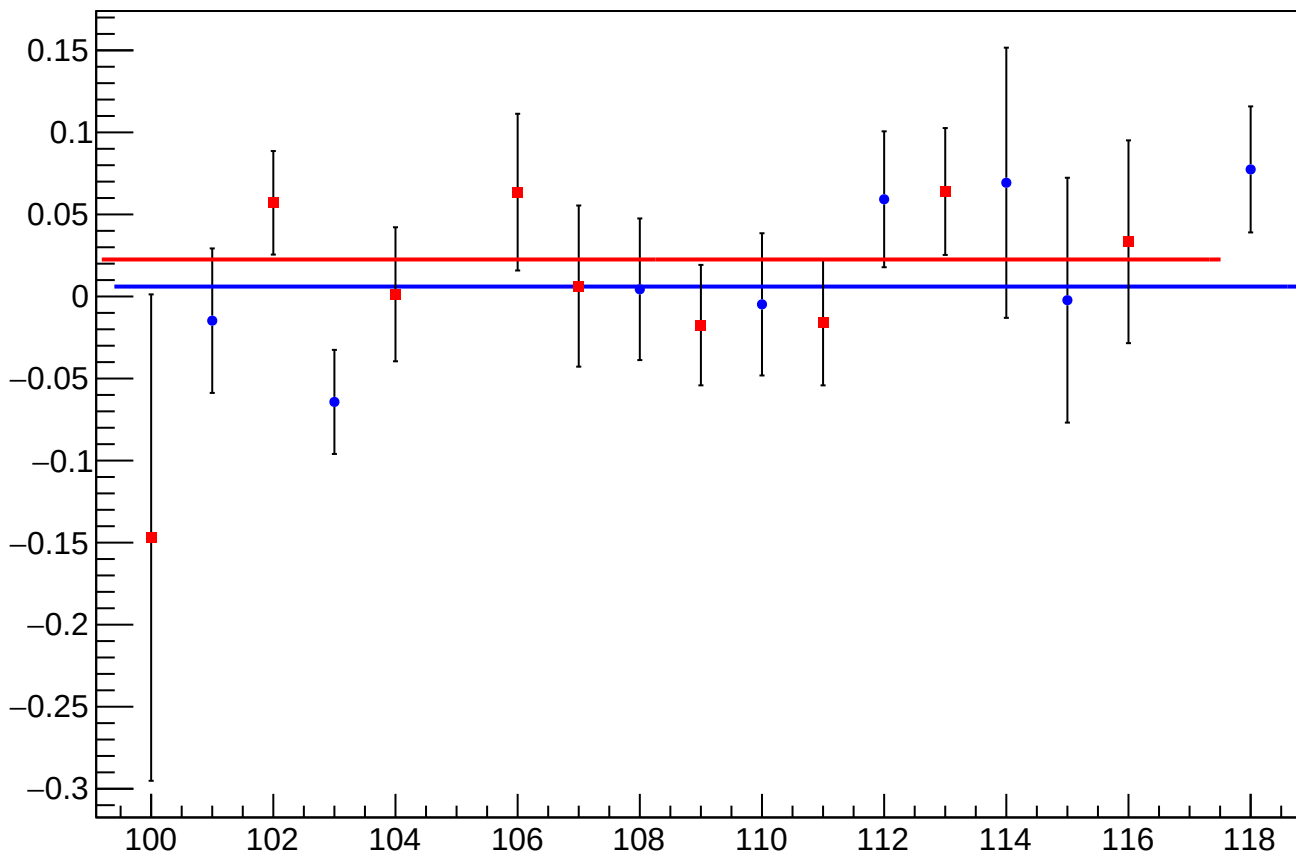
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.525+/-0.007 χ^2/NDF : 147314.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.015 χ^2 /NDF: 10.9/7

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

Right Out: 0.023 $\pm$ 0.014 χ^2 /NDF: 7.0/8

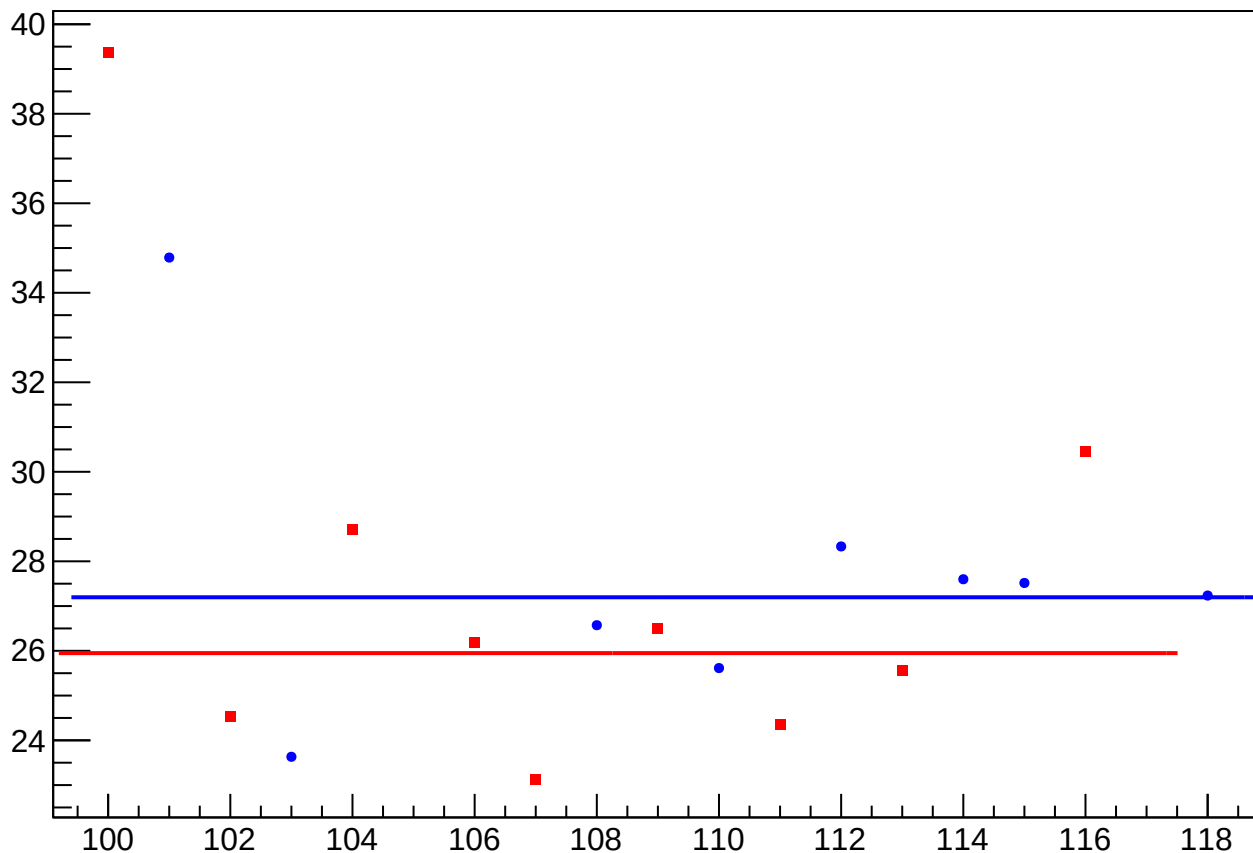
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.015 $\pm$ 0.011 χ^2 /NDF: 18.5/16

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

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



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: 25.949+/-0.010 χ^2/NDF : 50940.8/8

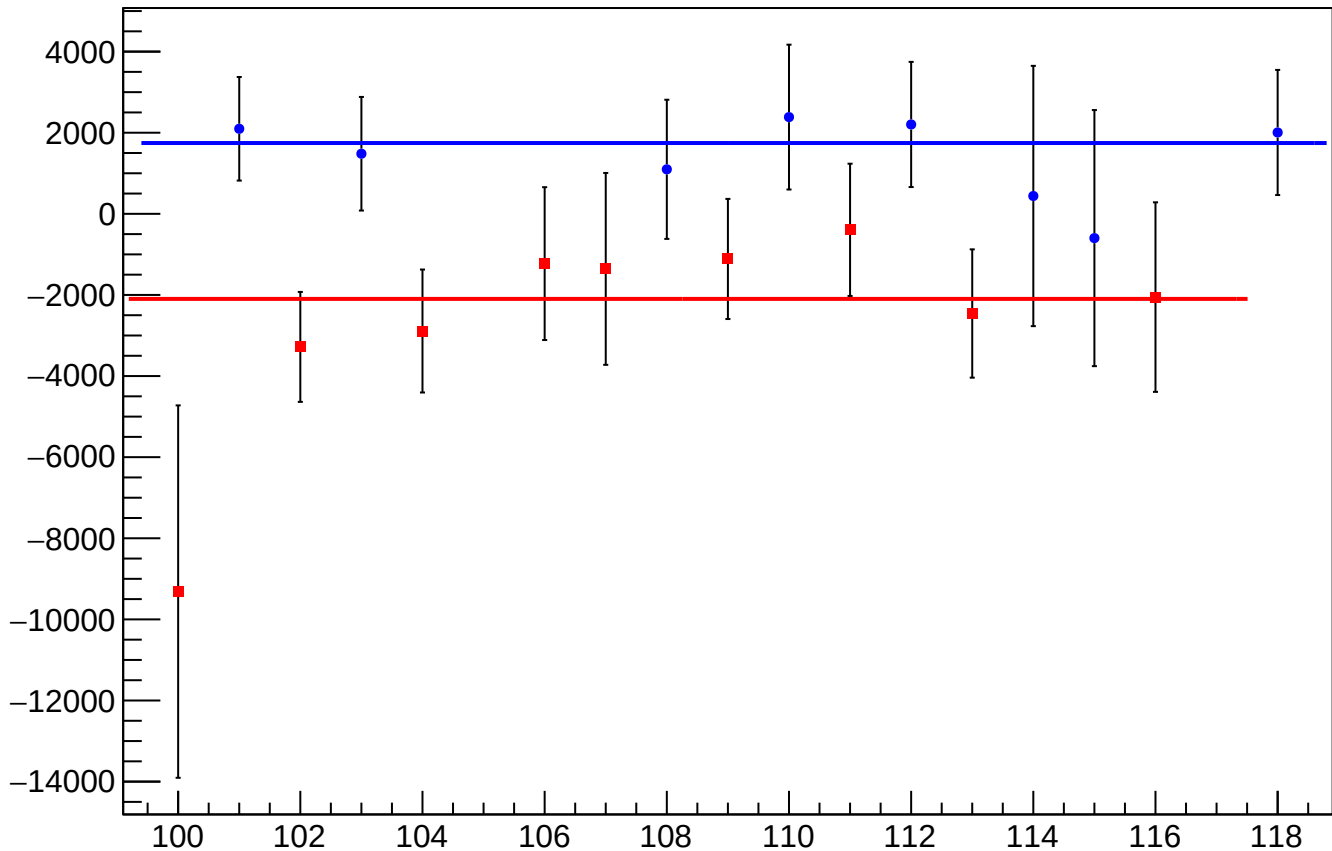
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.525+/-0.007 χ^2/NDF : 147314.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_mean vs Slug



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: -2097.660+/-587.030 χ^2/NDF : 5.4/8

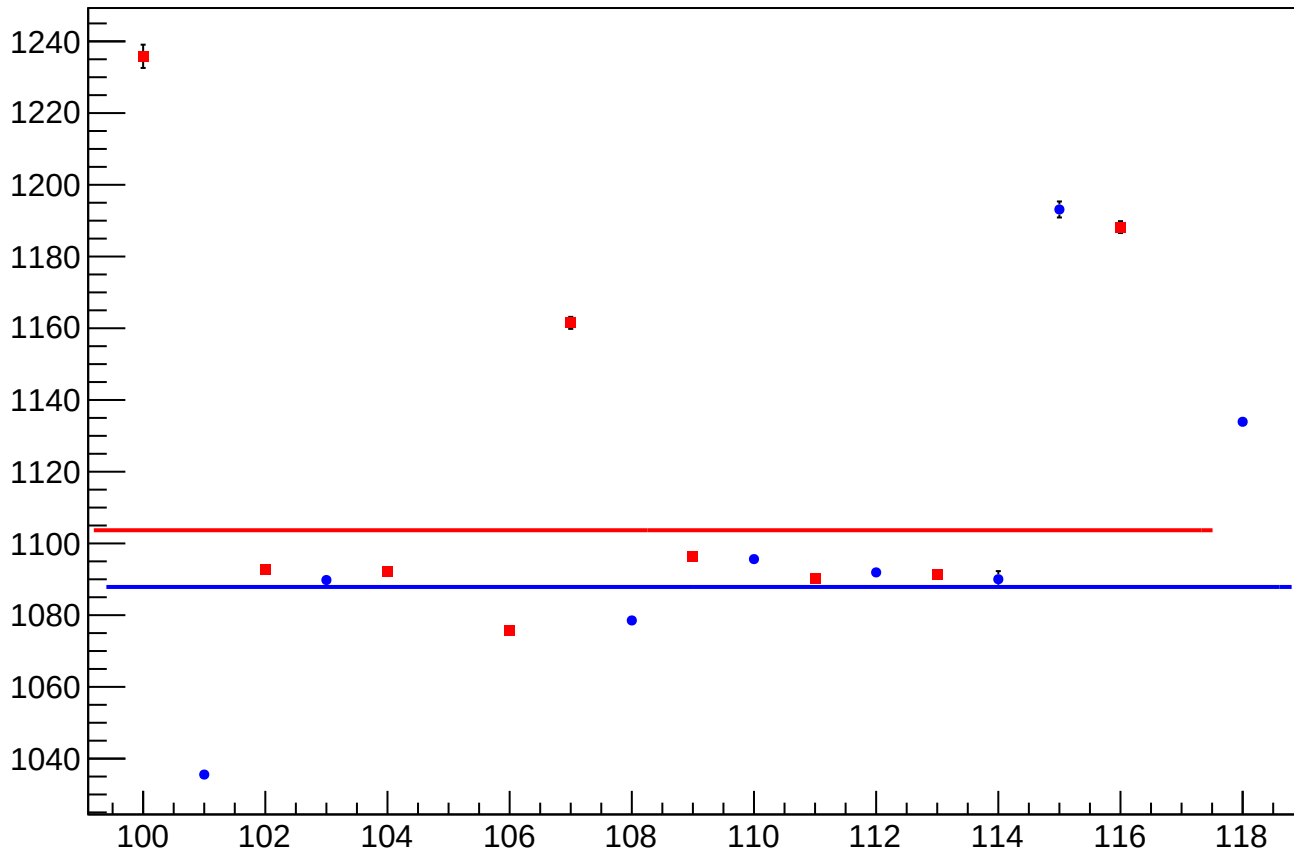
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.492+/-418.283 χ^2/NDF : 27.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1087.864+/-0.422 χ^2/NDF : 7476.7/7

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

Right Out: 1103.676+/-0.415 χ^2/NDF : 6458.1/8

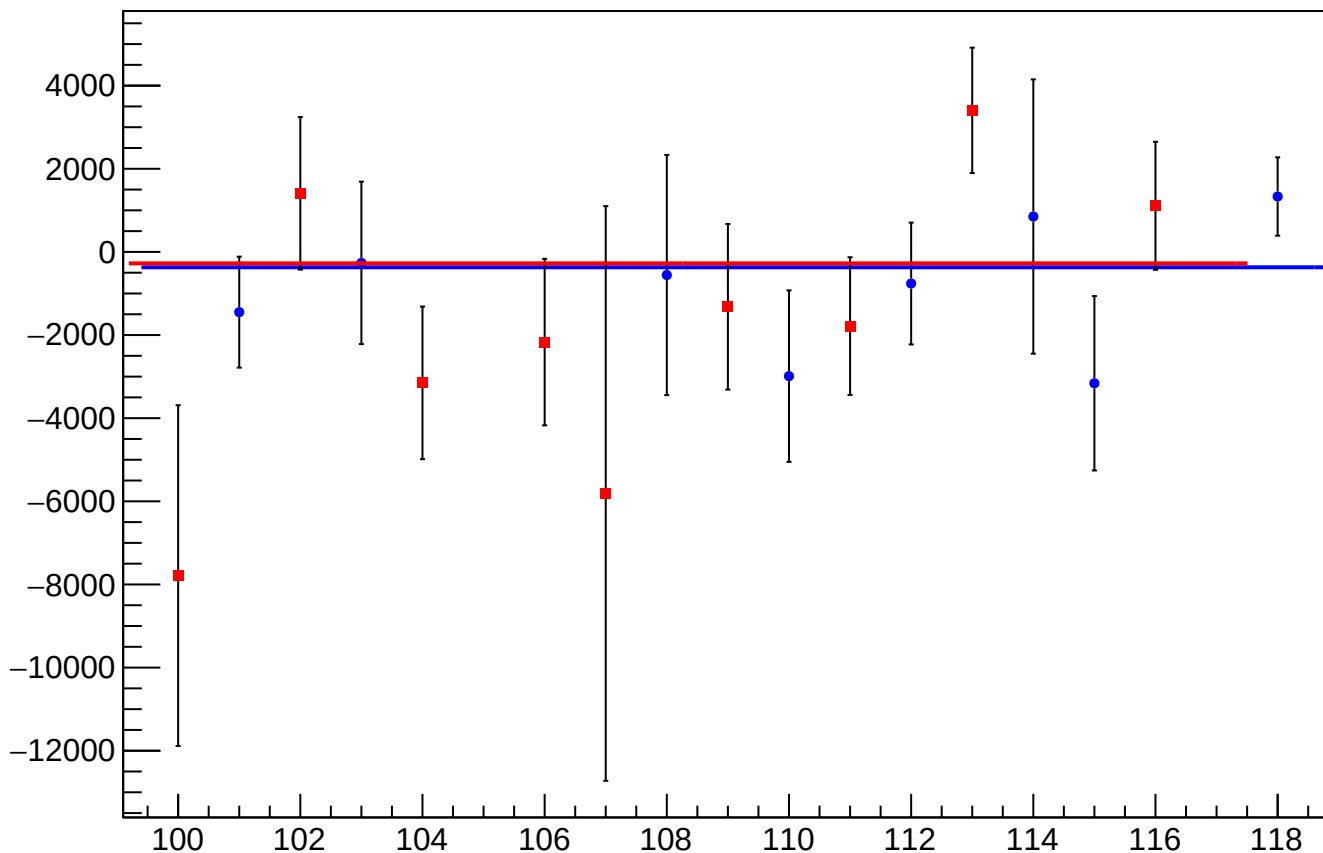
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.892+/-0.296 χ^2/NDF : 14649.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



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: -275.283 $\pm$ 645.299 χ^2 /NDF: 16.1/8

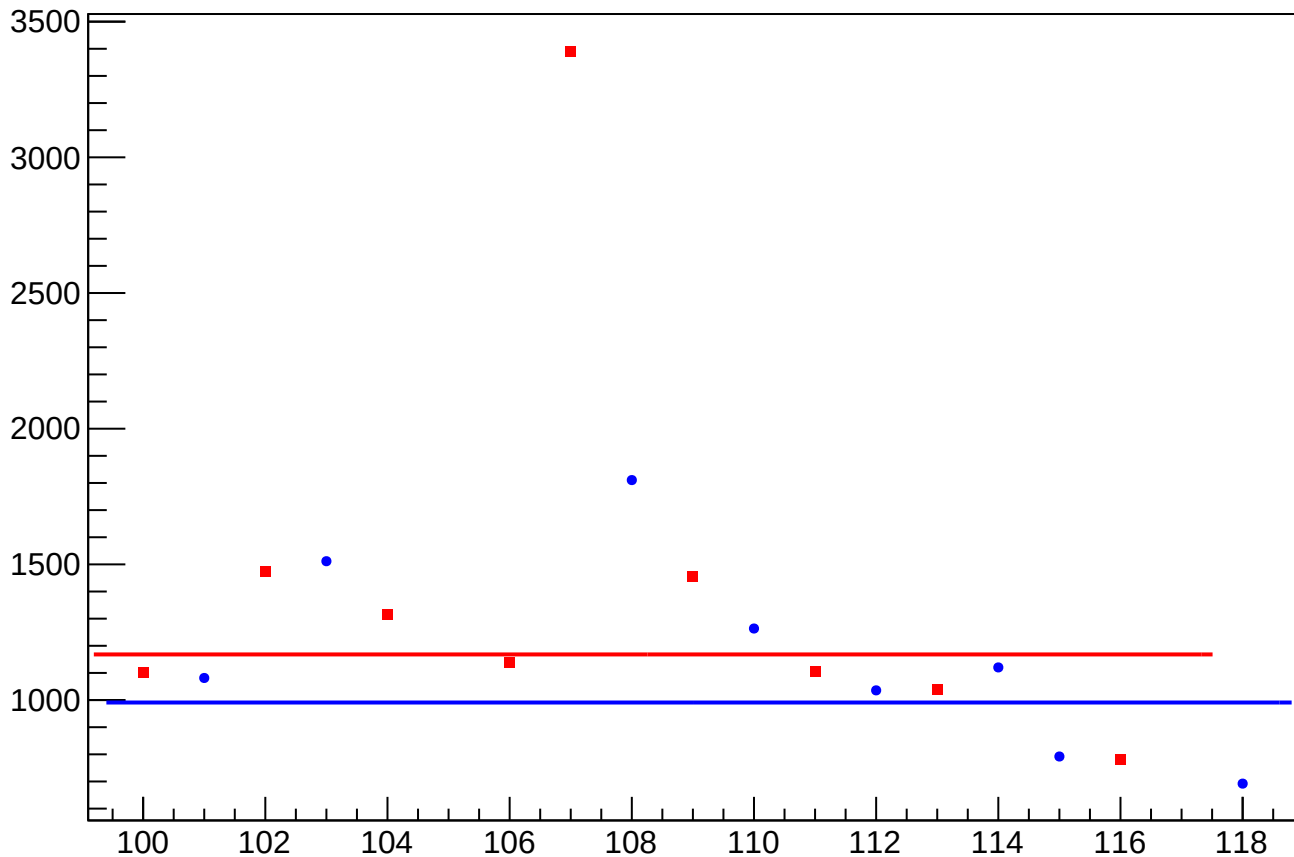
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -328.523 $\pm$ 426.755 χ^2 /NDF: 23.6/16

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

asym_usl_reg_correction_rms vs Slug



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: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

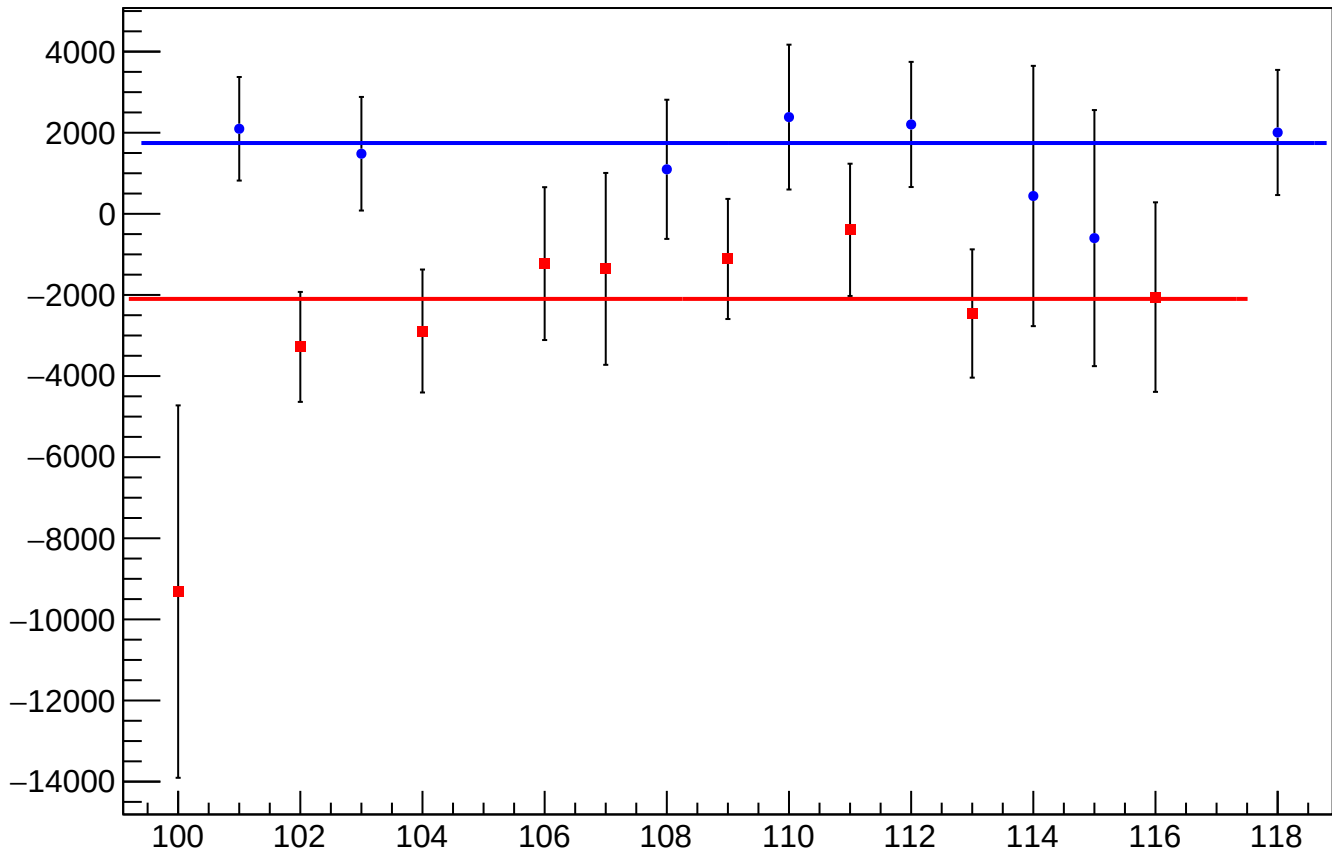
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.477+/-0.302 χ^2/NDF : 1117108.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug



Right In: 1745.988 $\pm$ 596.159 χ^2 /NDF: 1.2/7

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

Right Out: -2097.660 $\pm$ 587.030 χ^2 /NDF: 5.4/8

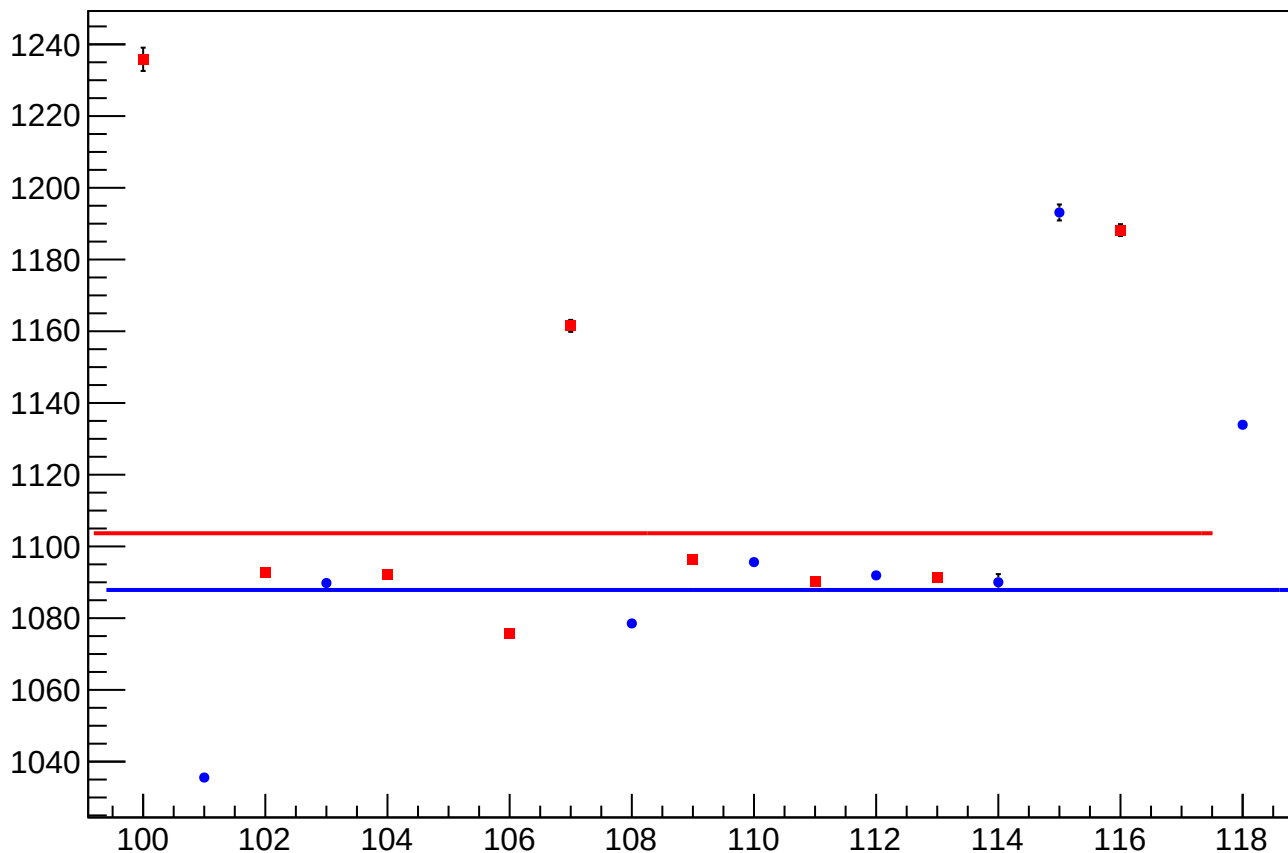
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -205.492 $\pm$ 418.283 χ^2 /NDF: 27.7/16

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

cor_asym_usl_rms vs Slug



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: 1103.676 $\pm$ 0.415 χ^2 /NDF: 6458.1/8

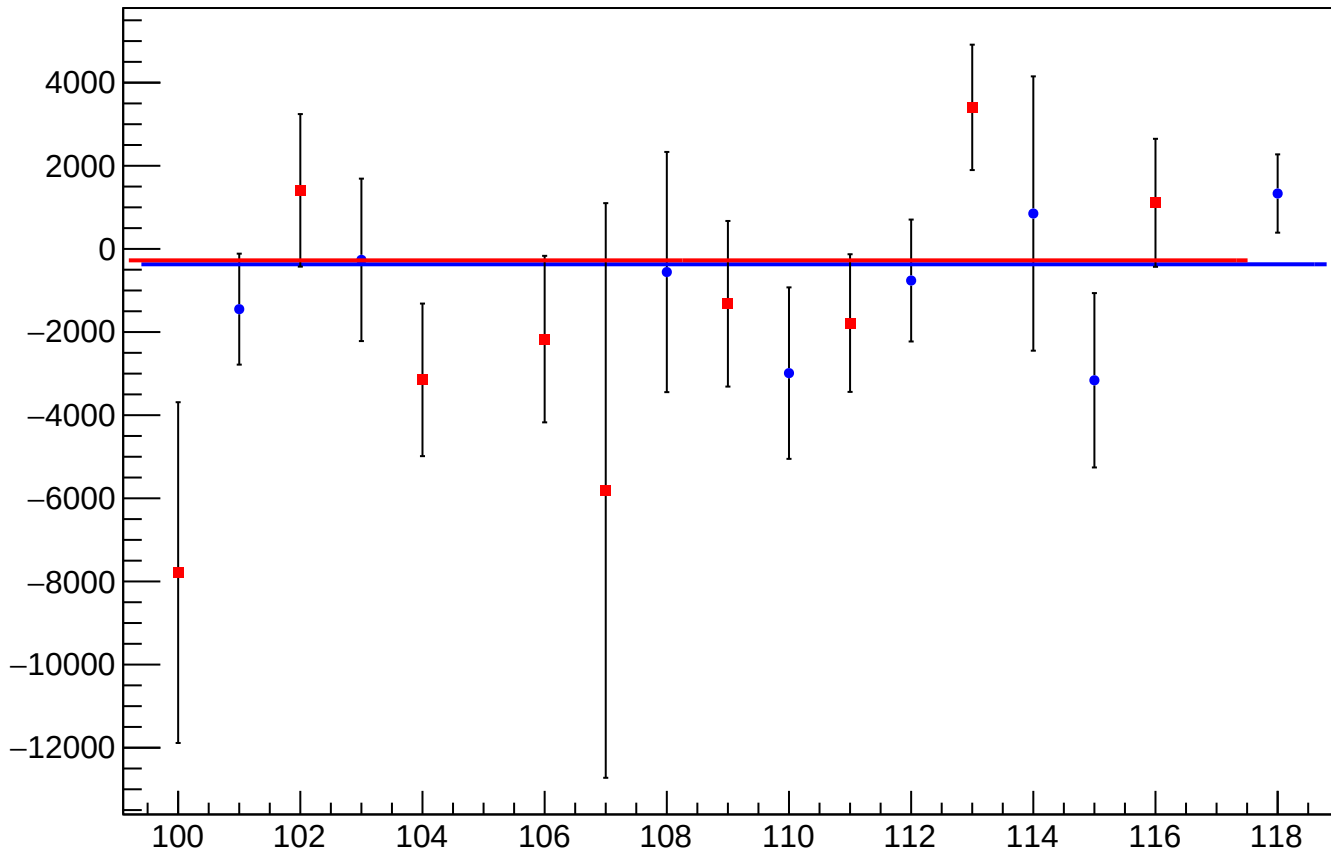
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1095.892 $\pm$ 0.296 χ^2 /NDF: 14649.1/16

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

asym_usl_cor_correction_mean vs Slug



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: -275.283 $\pm$ 645.299 χ^2 /NDF: 16.1/8

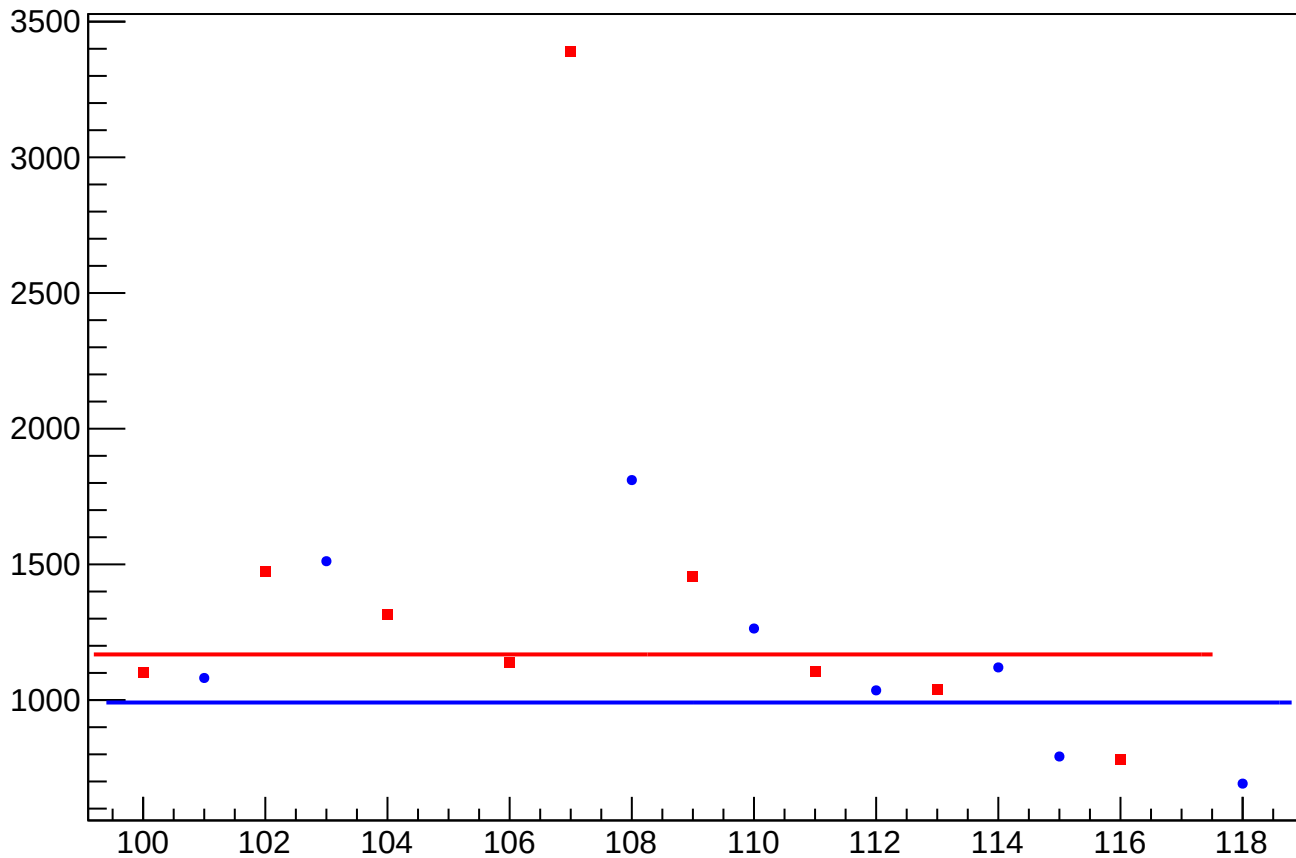
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -328.523 $\pm$ 426.755 χ^2 /NDF: 23.6/16

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

asym_usl_cor_correction_rms vs Slug



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: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

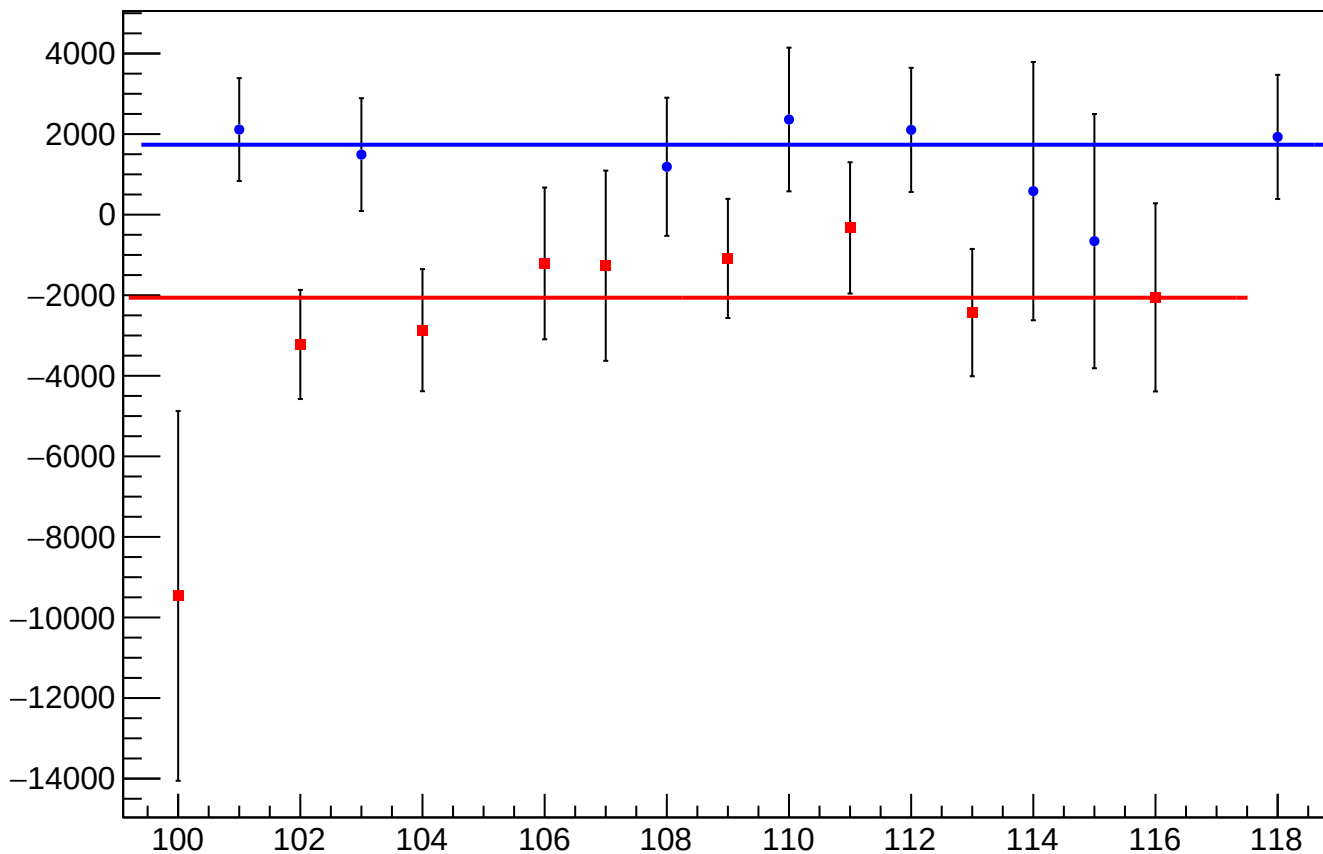
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.477+/-0.302 χ^2/NDF : 1117108.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_mean vs Slug



Right In: 1736.018 $\pm$ 595.684 χ^2 /NDF: 1.1/7

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

Right Out: -2061.832 $\pm$ 586.533 χ^2 /NDF: 5.6/8

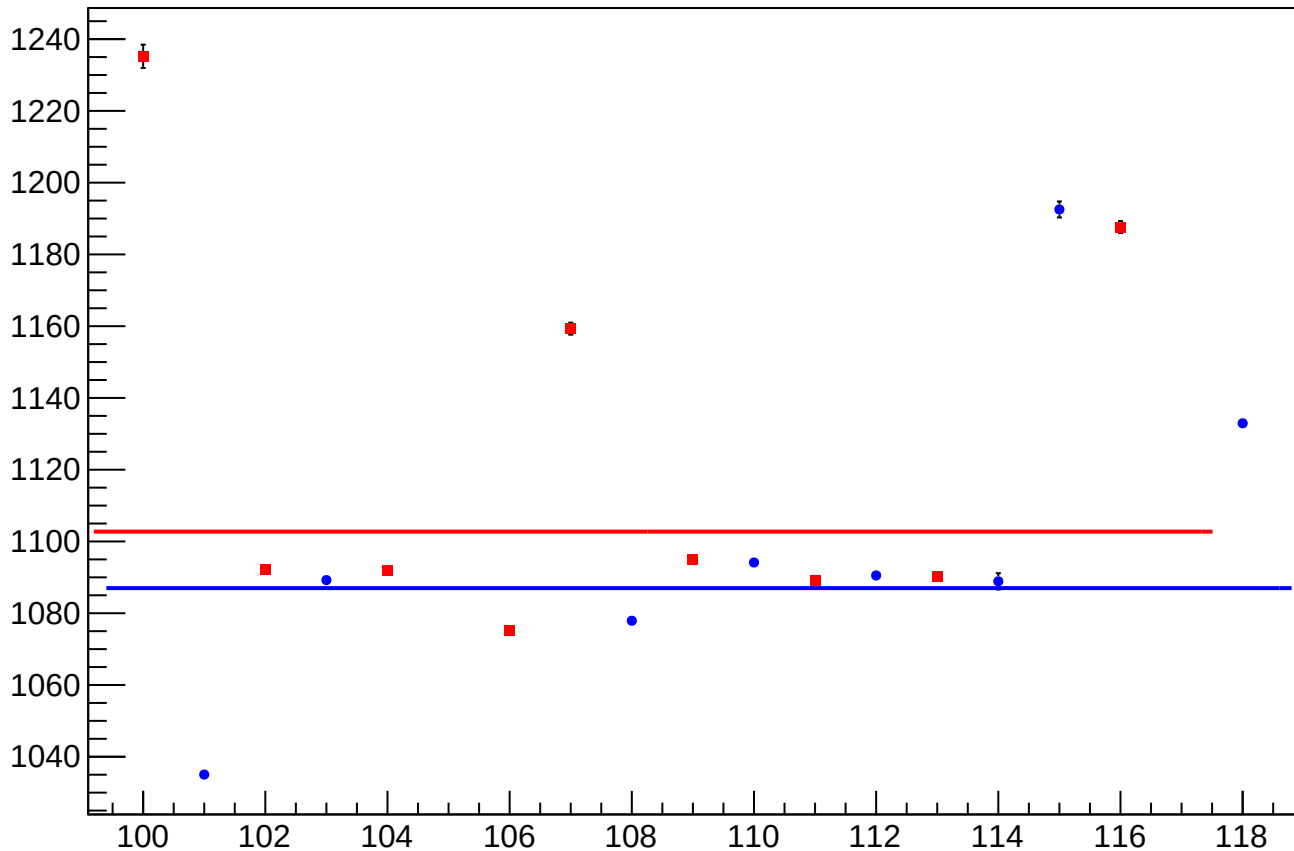
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -192.300 $\pm$ 417.939 χ^2 /NDF: 27.3/16

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

overload_cor_asym_usl_rms vs Slug



Right In: 1087.000 $\pm$ 0.421 χ^2 /NDF: 7431.7/7

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

Right Out: 1102.746 $\pm$ 0.415 χ^2 /NDF: 6431.2/8

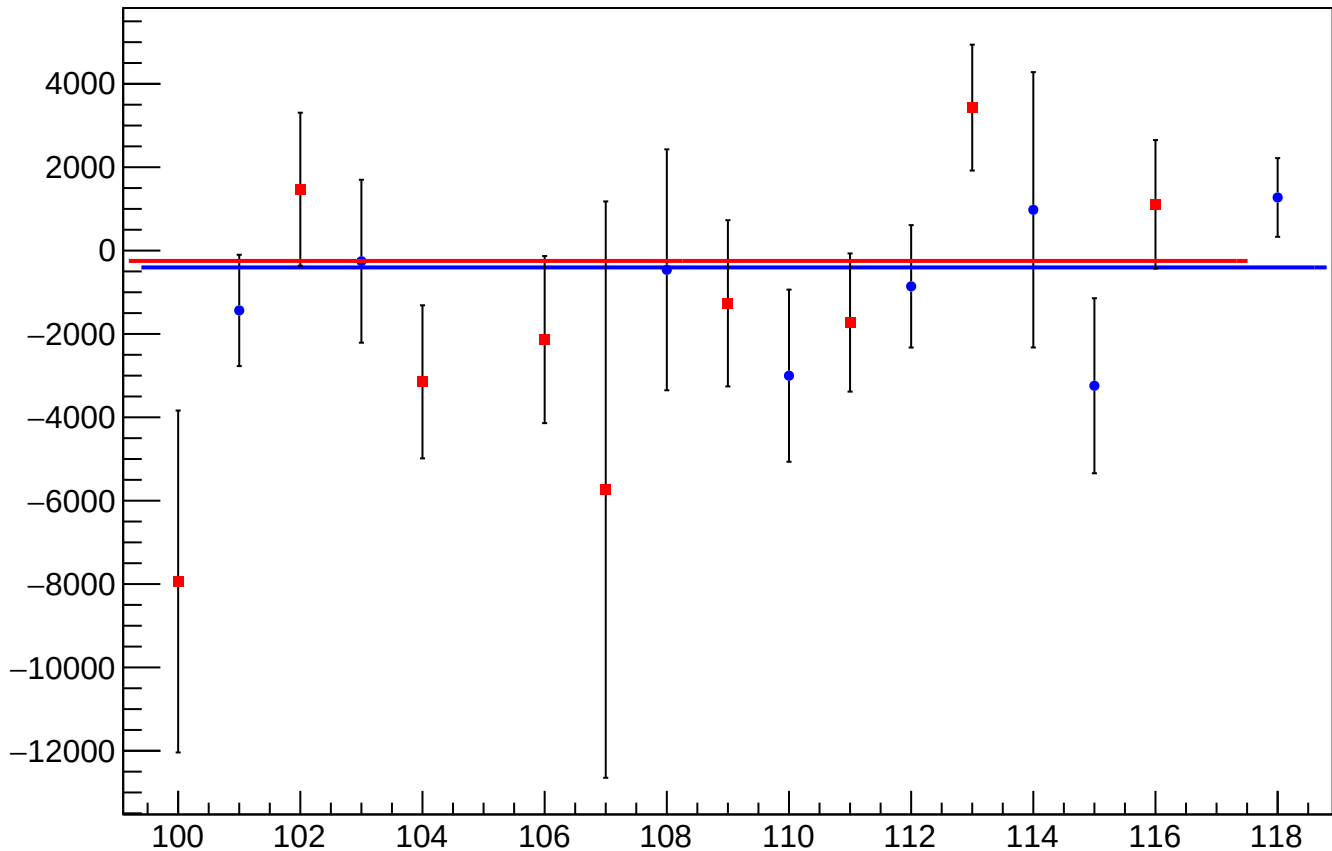
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1094.995 $\pm$ 0.296 χ^2 /NDF: 14572.5/16

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

asym_usl_overload_cor_correction_mean vs Slug



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: -248.208+/-645.788 χ^2/NDF : 16.2/8

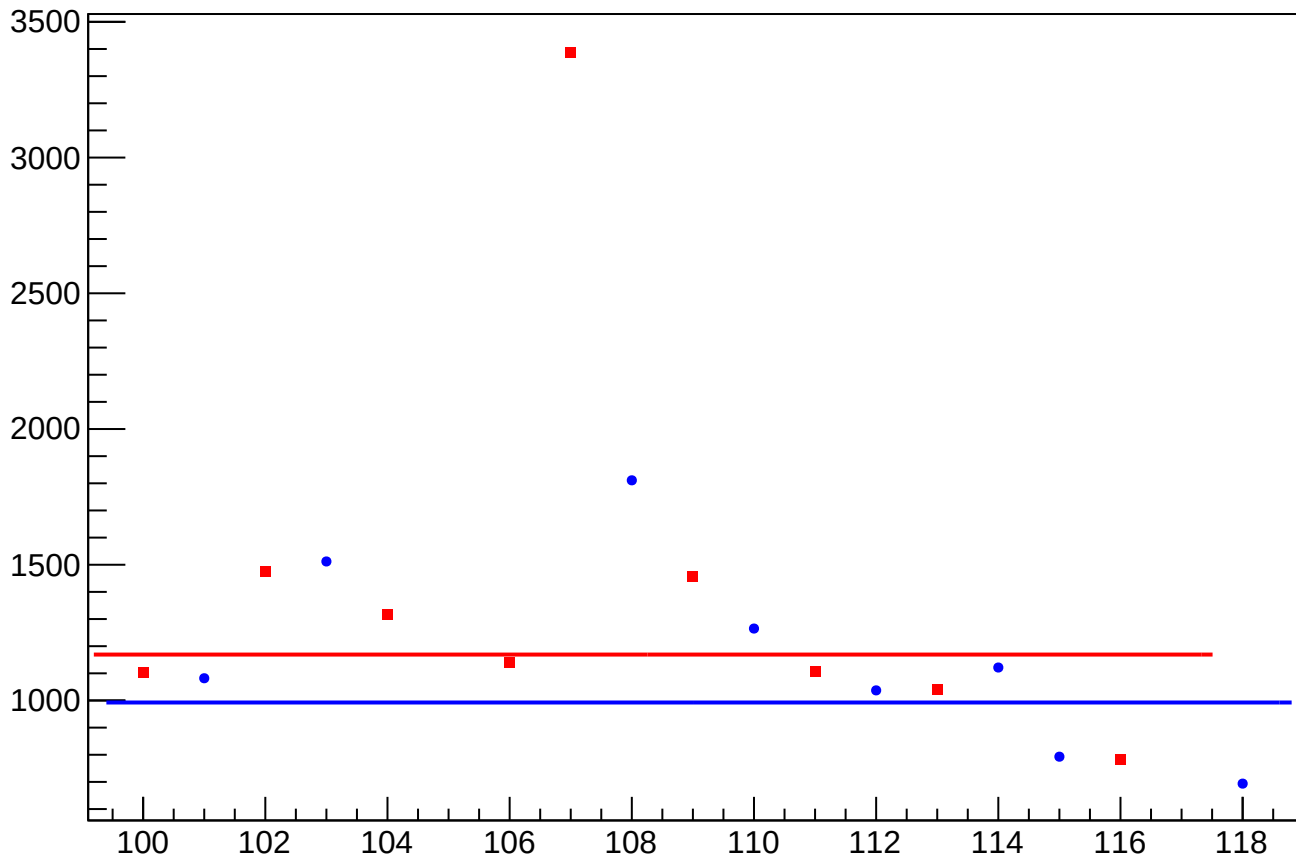
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.898+/-427.222 χ^2/NDF : 23.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



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: 1169.123+/-0.457 χ^2/NDF : 460150.6/8

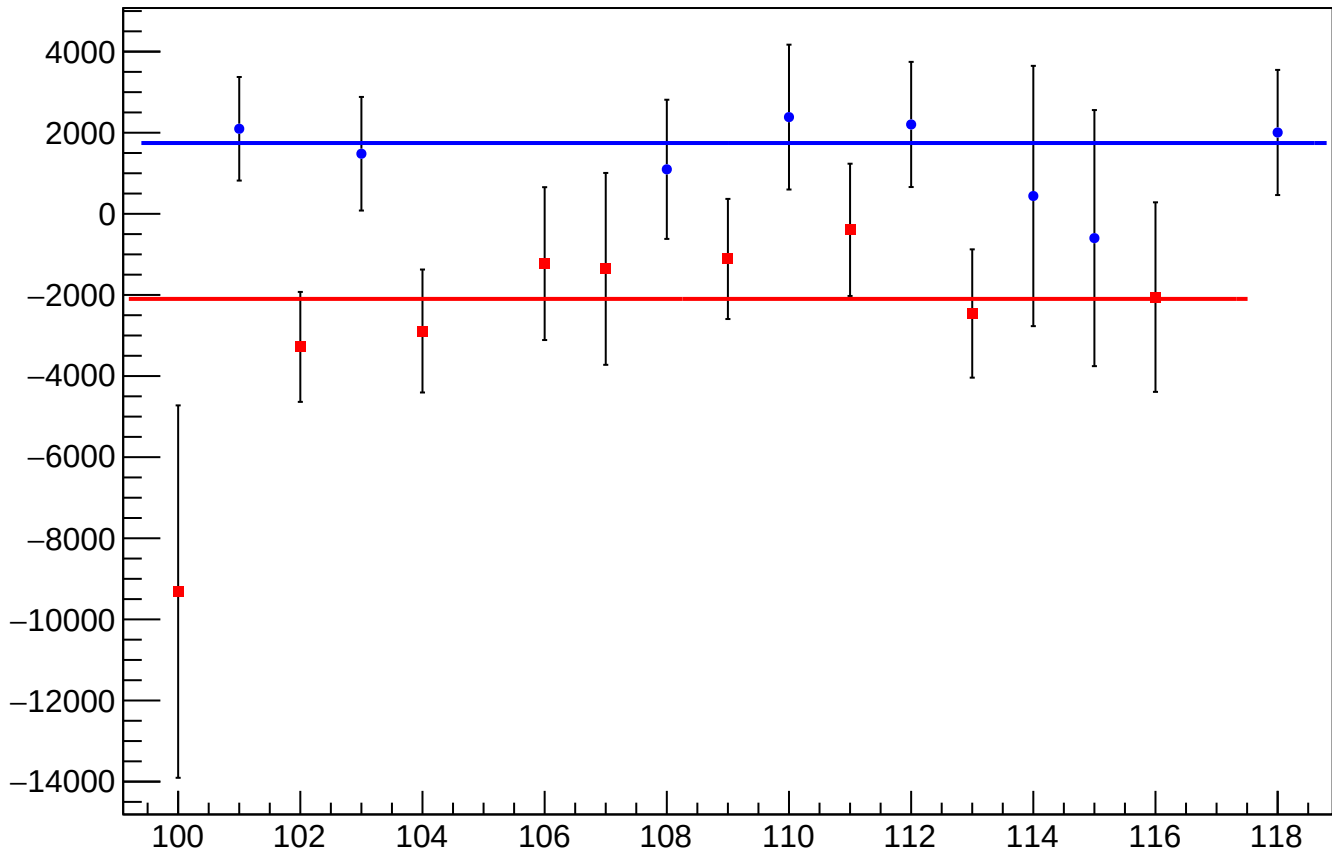
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1069.822+/-0.302 χ^2/NDF : 1113140.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 1745.988 $\pm$ 596.159 χ^2 /NDF: 1.2/7

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

Right Out: -2097.660 $\pm$ 587.030 χ^2 /NDF: 5.4/8

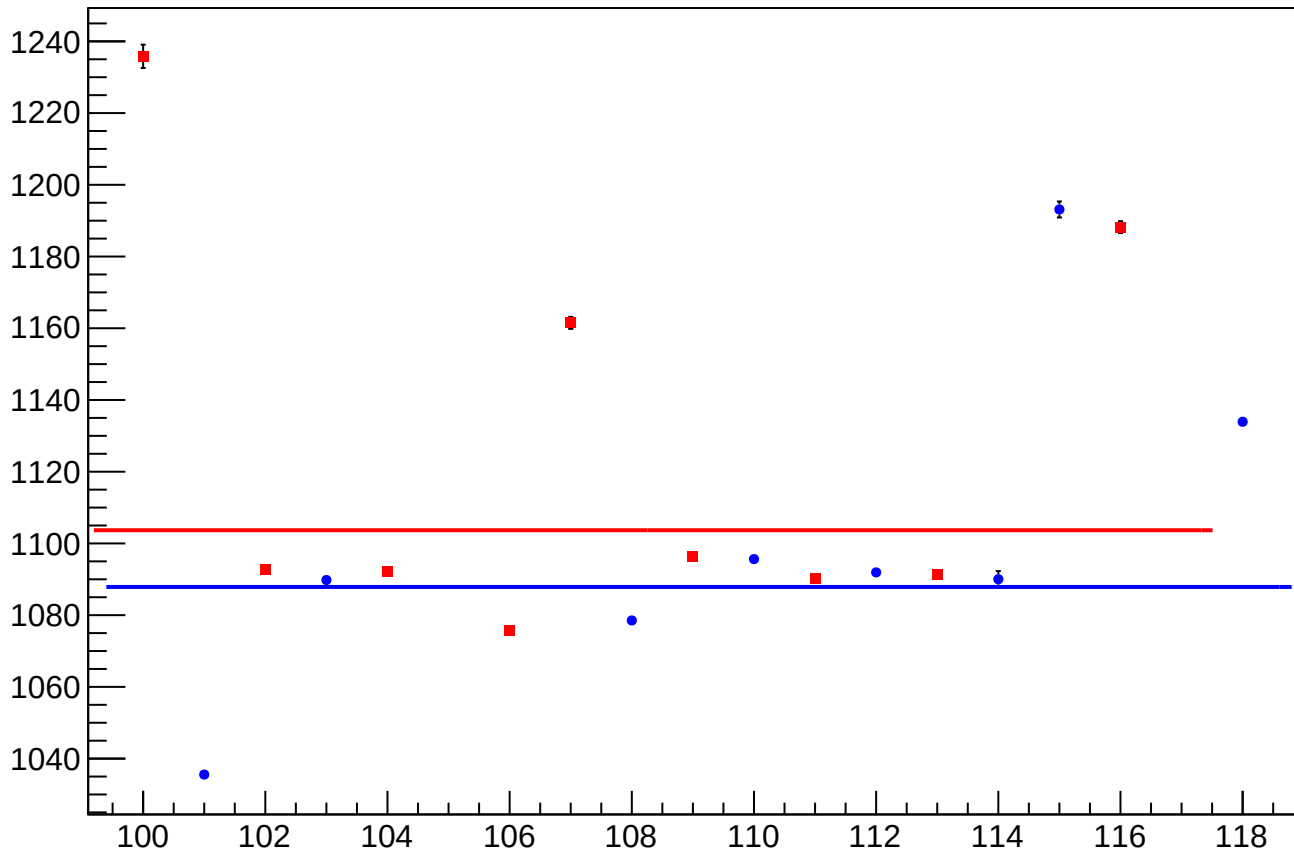
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -205.492 $\pm$ 418.283 χ^2 /NDF: 27.7/16

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

eigen_cor_asym_usl_rms vs Slug



Right In: 1087.864+/-0.422 χ^2/NDF : 7476.7/7

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

Right Out: 1103.676+/-0.415 χ^2/NDF : 6458.1/8

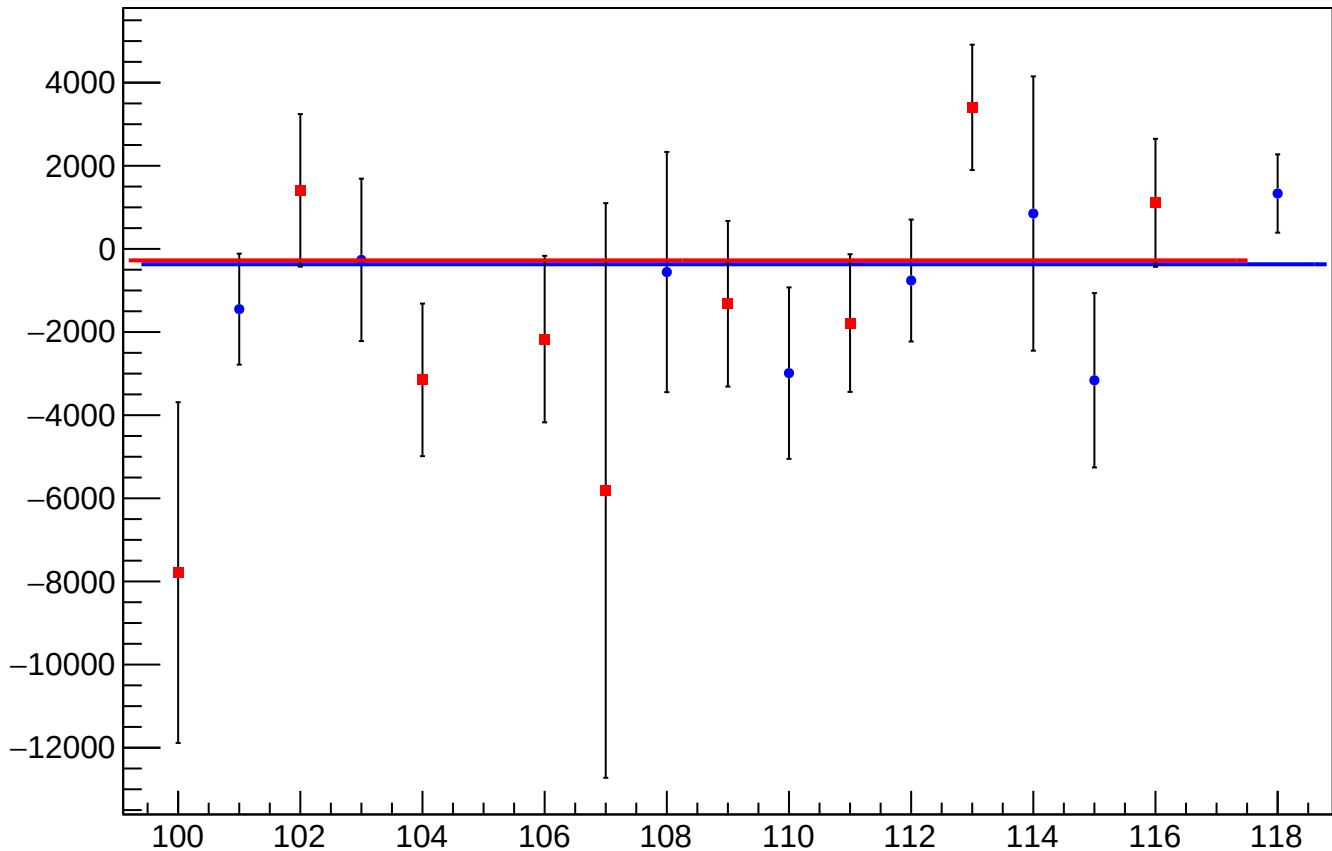
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1095.892+/-0.296 χ^2/NDF : 14649.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



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: -275.283+/-645.299 χ^2/NDF : 16.1/8

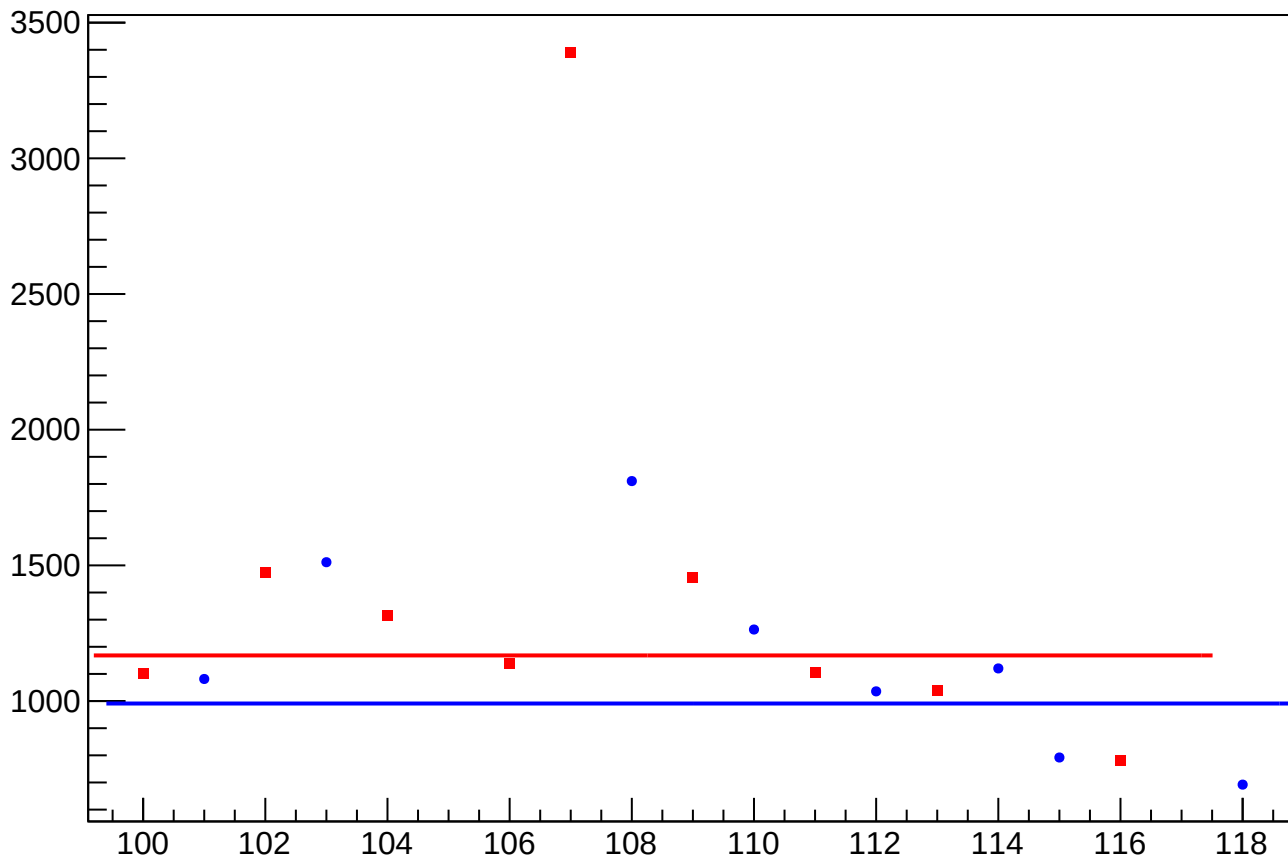
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -328.523+/-426.755 χ^2/NDF : 23.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



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: 1168.166+/-0.456 χ^2/NDF : 460829.4/8

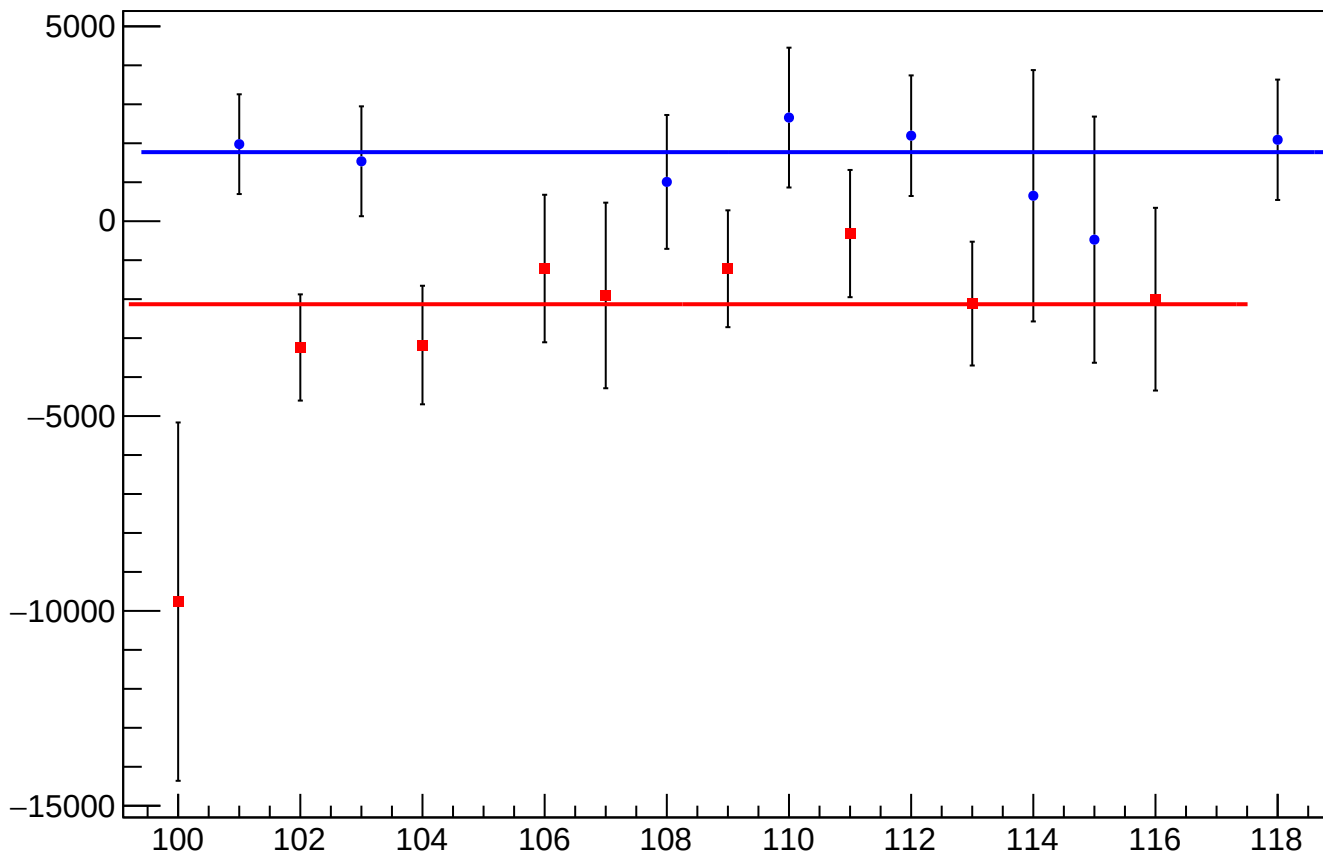
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.477+/-0.302 χ^2/NDF : 1117108.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 1772.182 $\pm$ 597.959 χ^2 /NDF: 1.2/7

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

Right Out: -2130.484 $\pm$ 590.118 χ^2 /NDF: 5.7/8

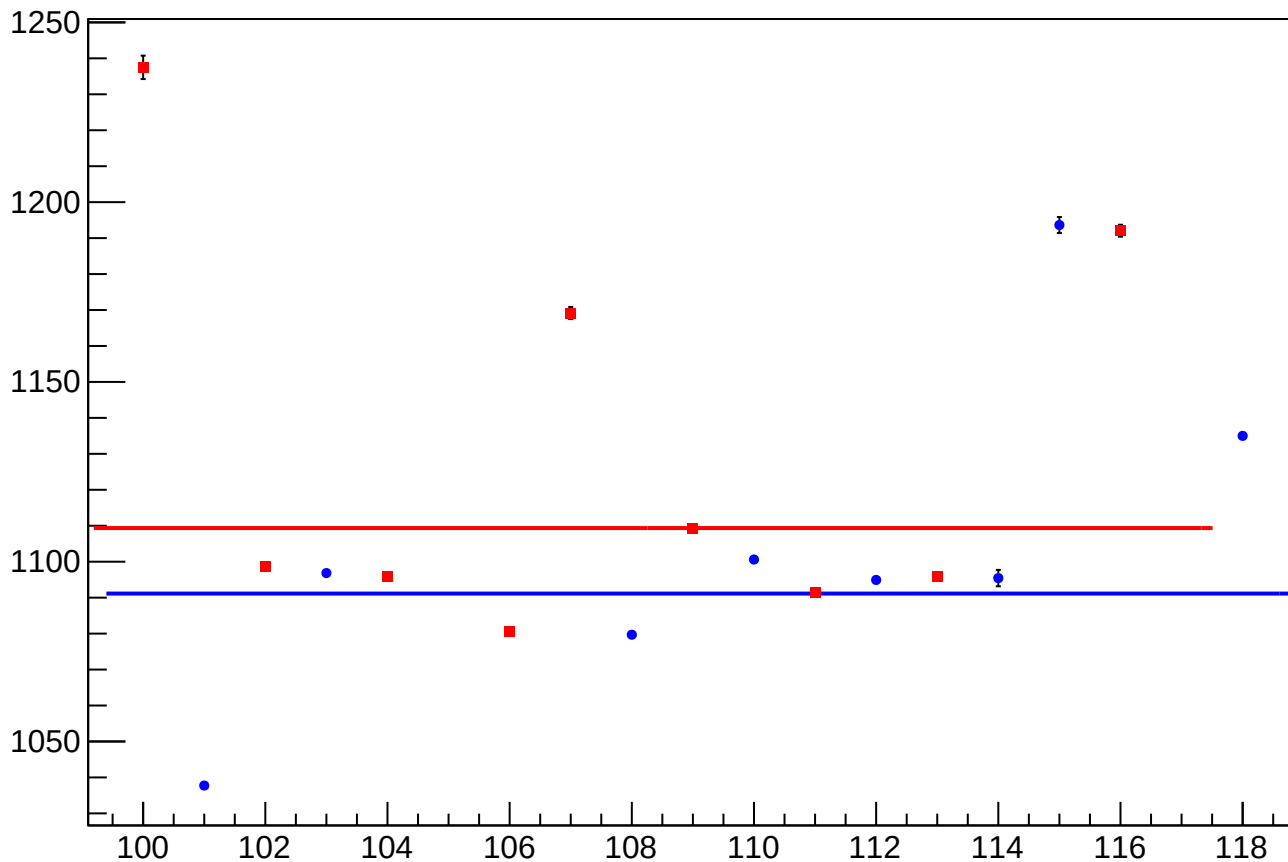
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -204.906 $\pm$ 420.021 χ^2 /NDF: 28.6/16

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

dit_asym_usl_rms vs Slug



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: 1109.356+/-0.417 χ^2/NDF : 6429.8/8

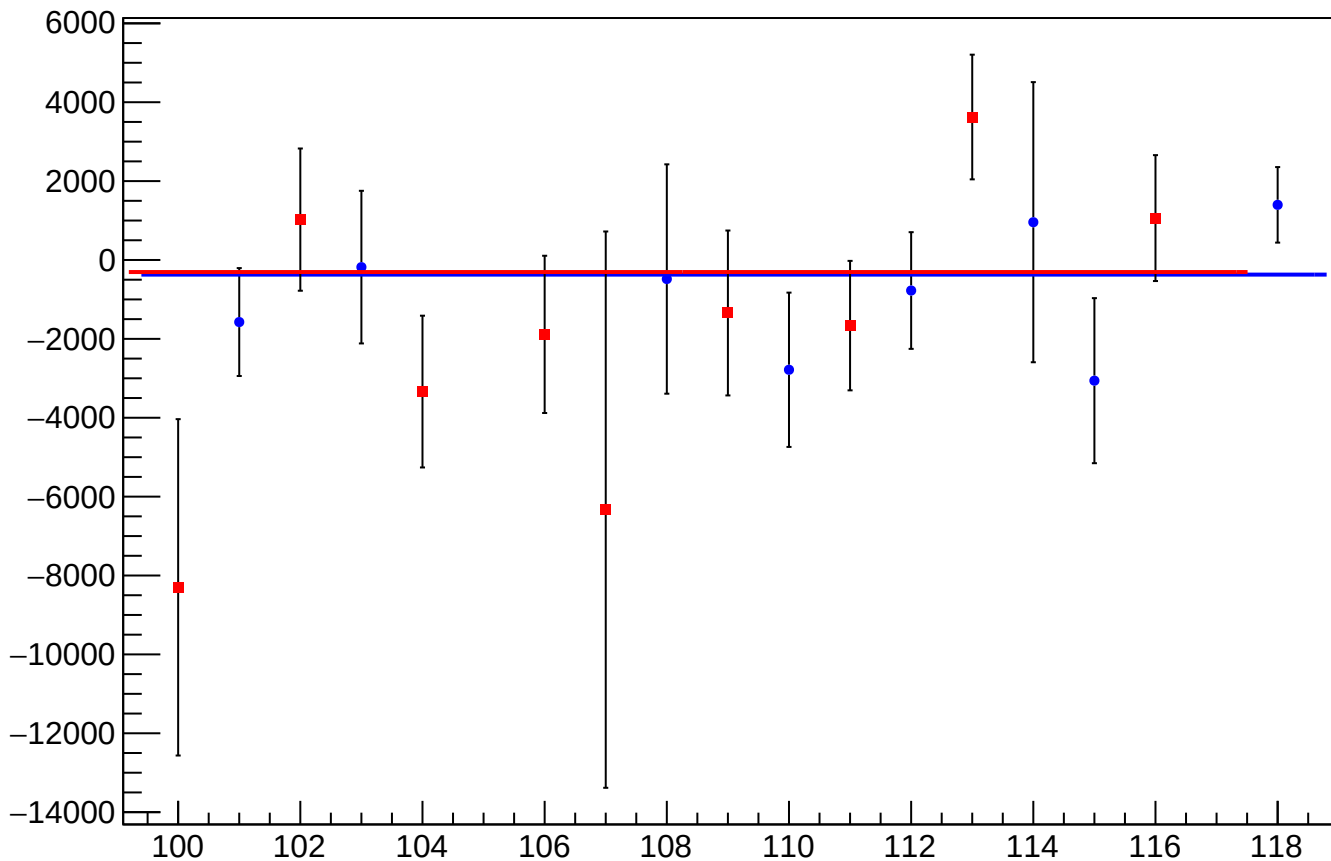
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.366+/-0.297 χ^2/NDF : 14764.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_mean vs Slug



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: -305.622+/-659.782 χ^2 /NDF: 15.7/8

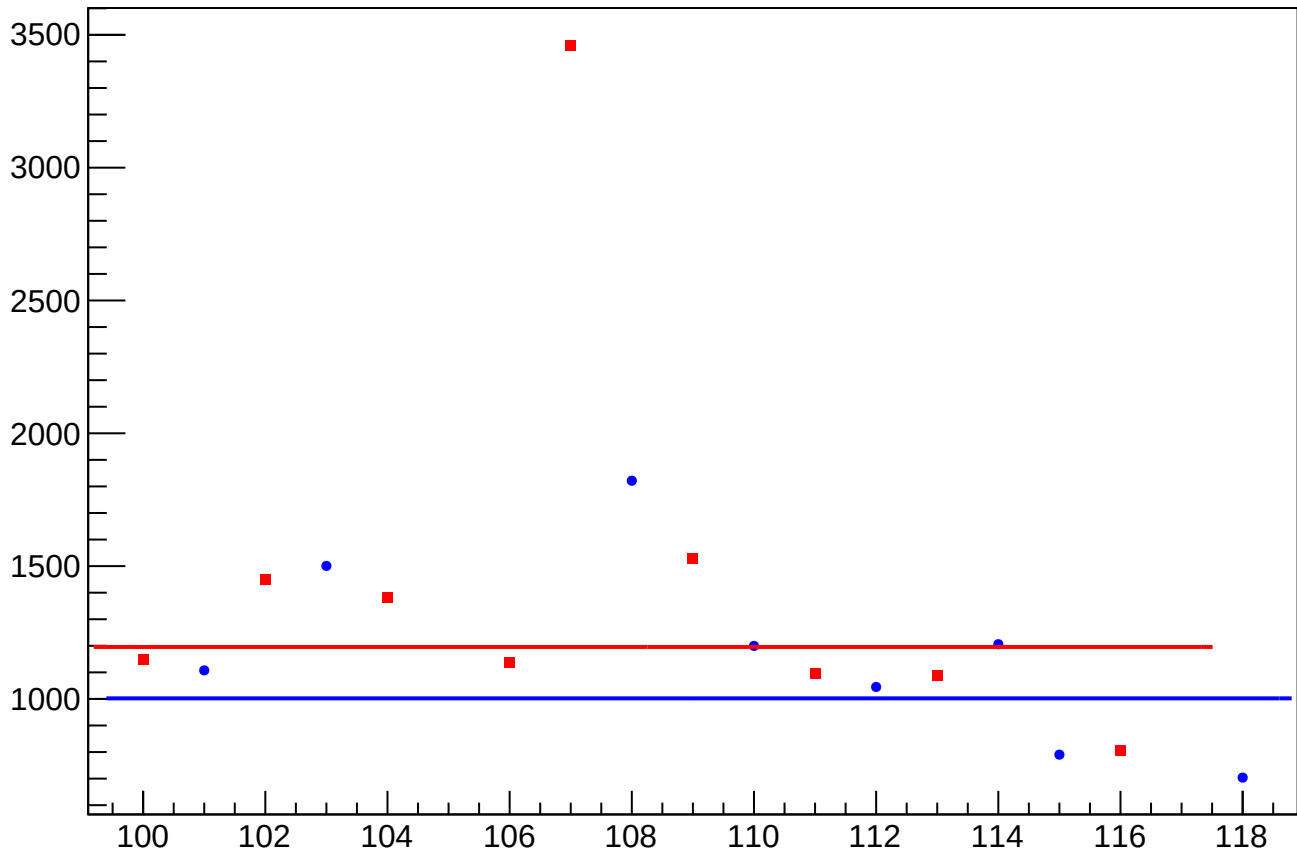
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -342.723+/-433.008 χ^2 /NDF: 23.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_correction_rms vs Slug



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: 1195.694+/-0.467 χ^2/NDF : 452074.0/8

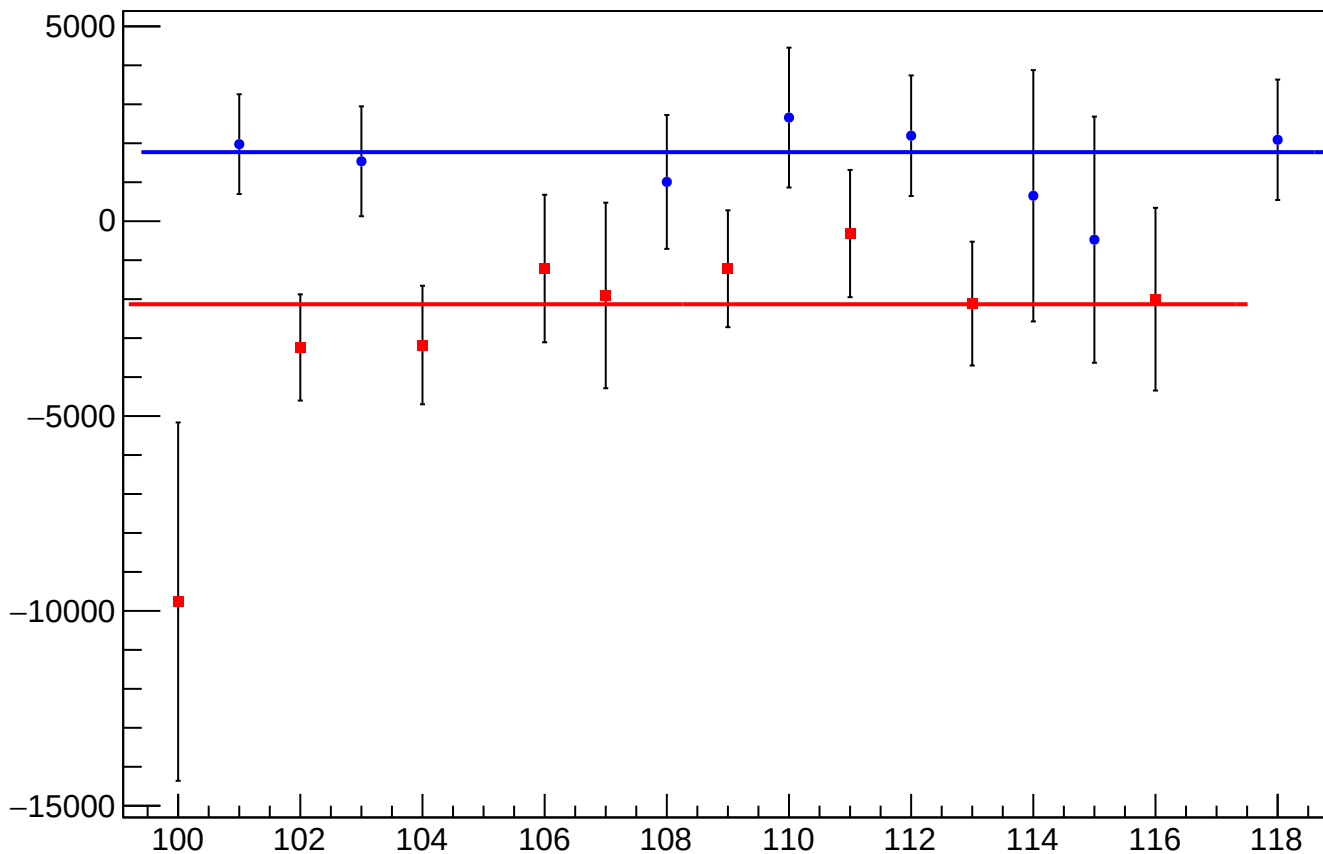
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.515+/-0.306 χ^2/NDF : 1096946.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_mean vs Slug



Right In: 1772.183 $\pm$ 597.959 χ^2 /NDF: 1.2/7

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

Right Out: -2130.481 $\pm$ 590.118 χ^2 /NDF: 5.7/8

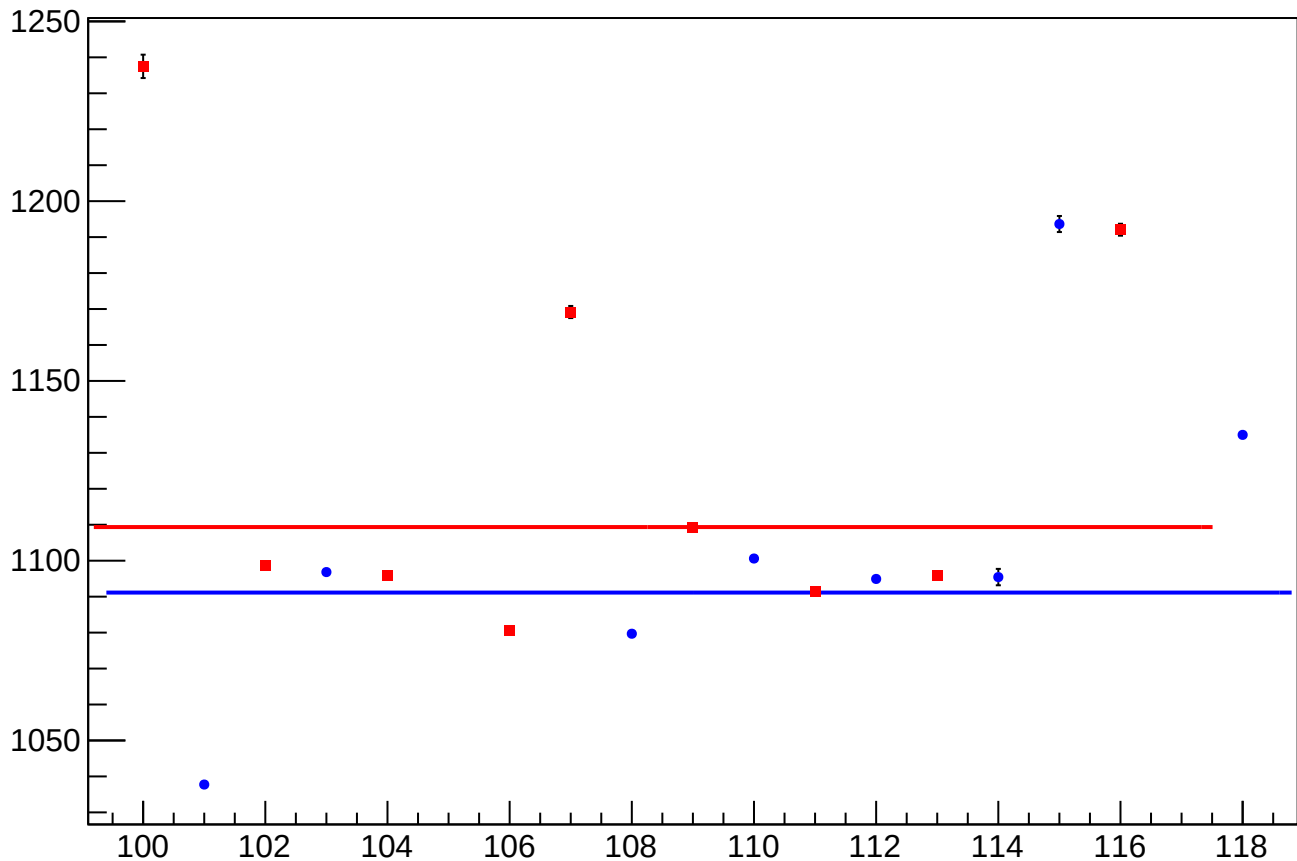
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -204.905 $\pm$ 420.021 χ^2 /NDF: 28.6/16

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

eigen_dit_asym_usl_rms vs Slug



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: 1109.356+/-0.417 χ^2/NDF : 6429.8/8

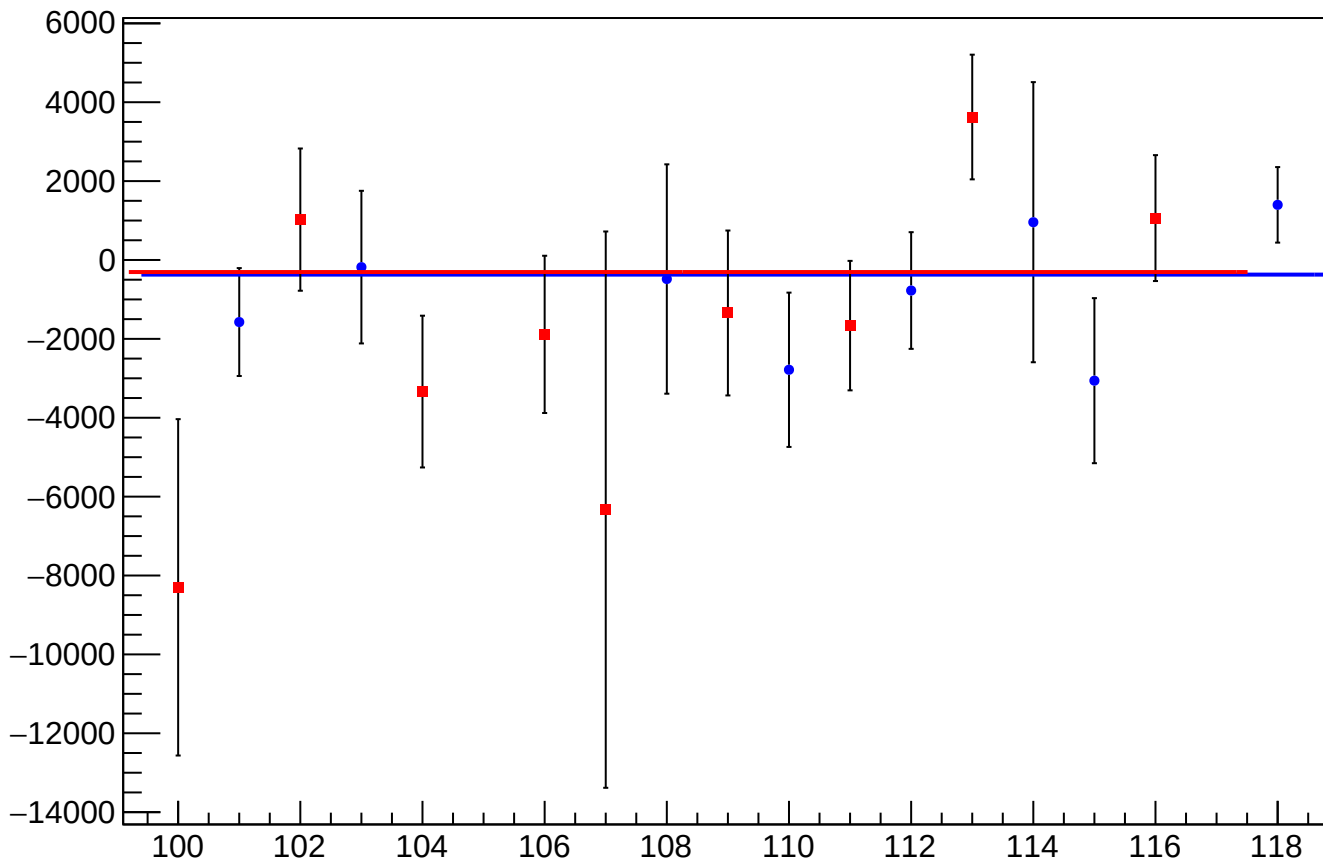
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1100.366+/-0.297 χ^2/NDF : 14764.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



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: -305.622+/-659.781 χ^2/NDF : 15.7/8

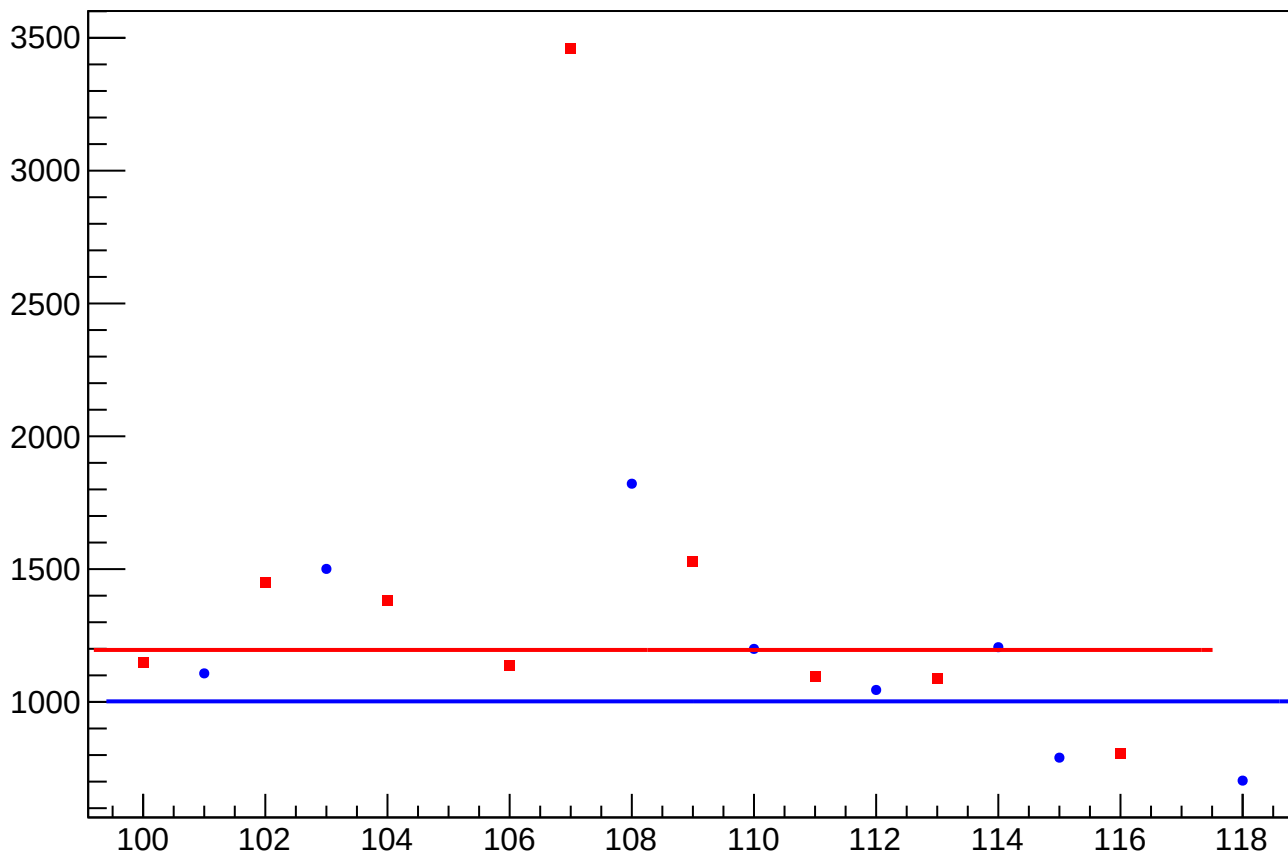
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -342.722+/-433.007 χ^2/NDF : 23.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



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: 1195.692+/-0.467 χ^2/NDF : 452072.2/8

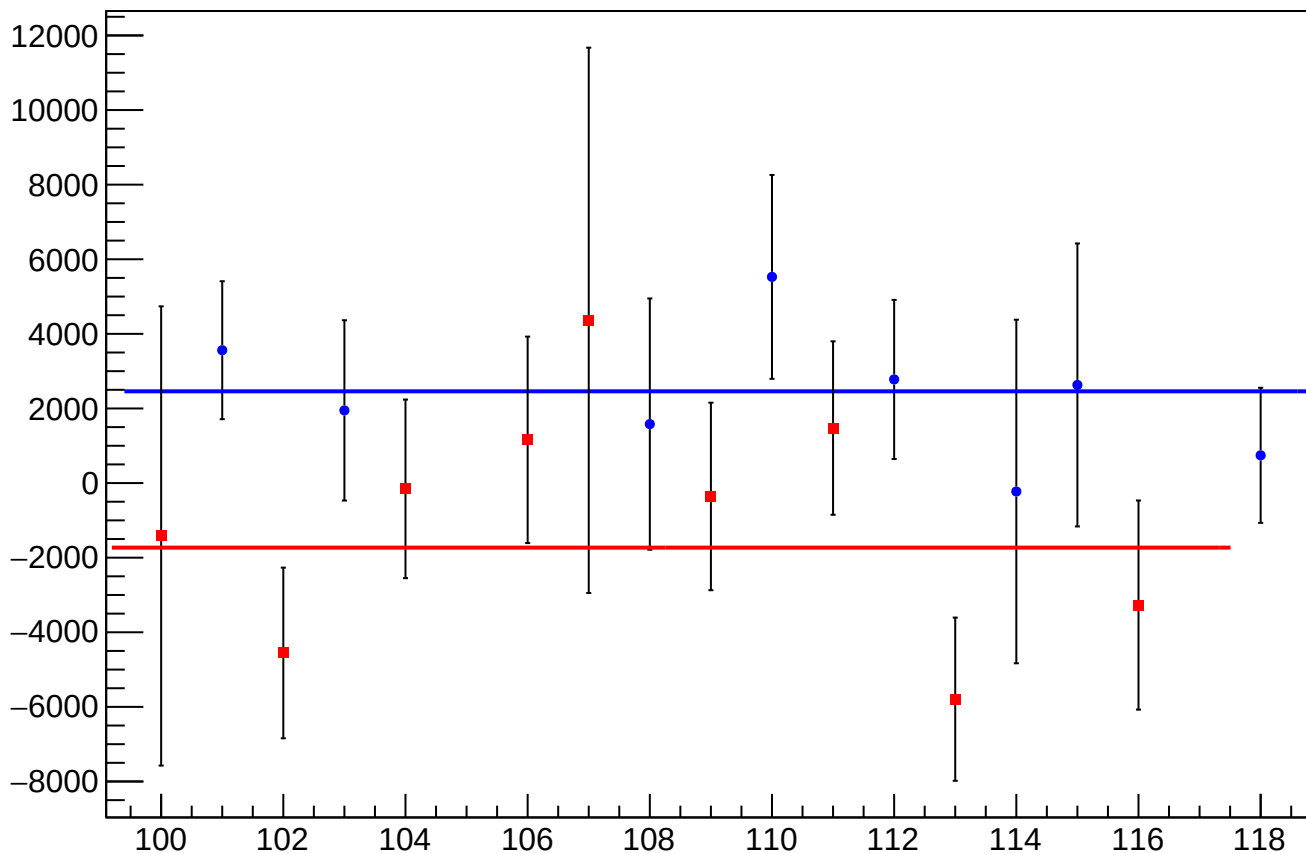
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.513+/-0.306 χ^2/NDF : 1096946.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2459.491 $\pm$ 868.009 χ^2 /NDF: 3.0/7

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

Right Out: -1730.557 $\pm$ 905.123 χ^2 /NDF: 9.7/8

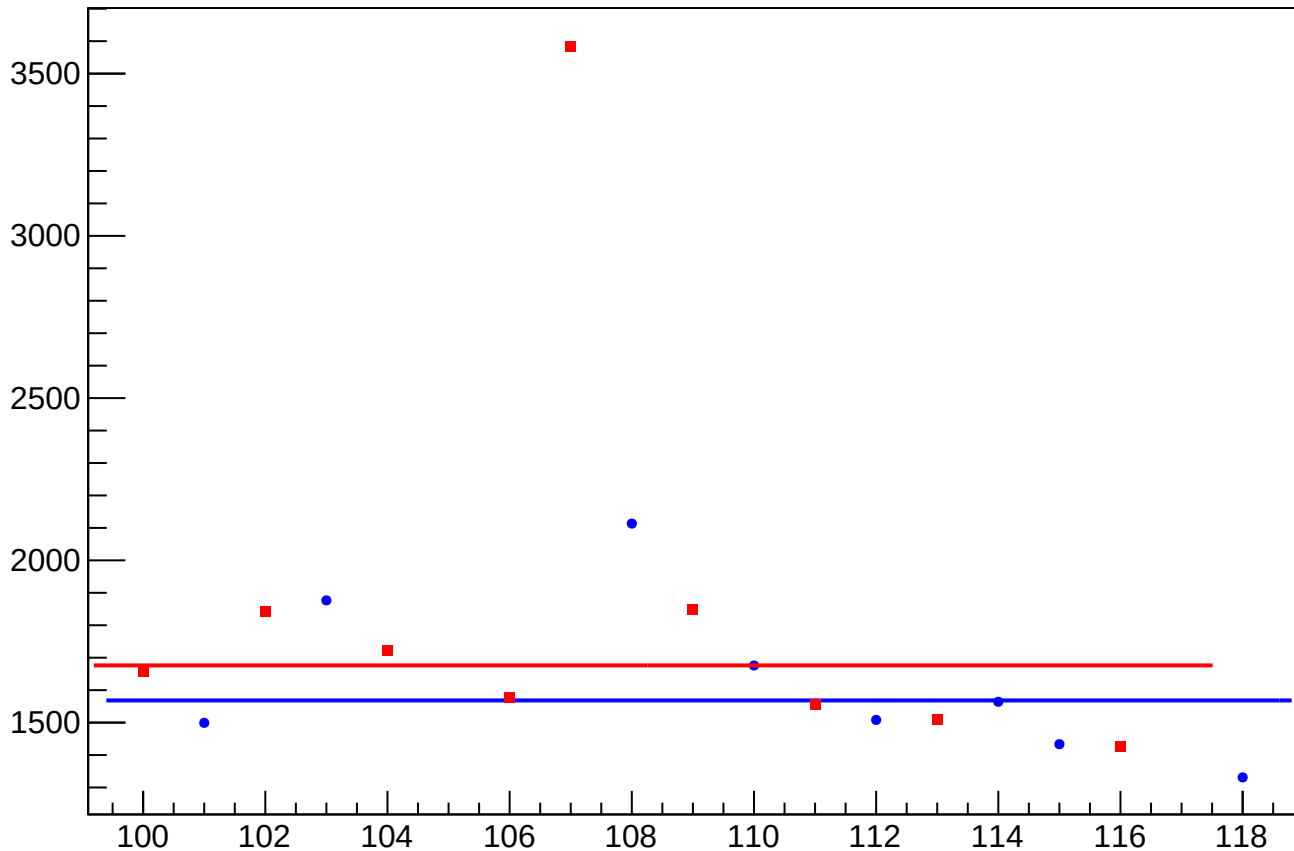
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 452.131 $\pm$ 626.485 χ^2 /NDF: 23.8/16

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

asym_usl_rms vs Slug



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: 1676.228+/-0.640 χ^2/NDF : 192791.5/8

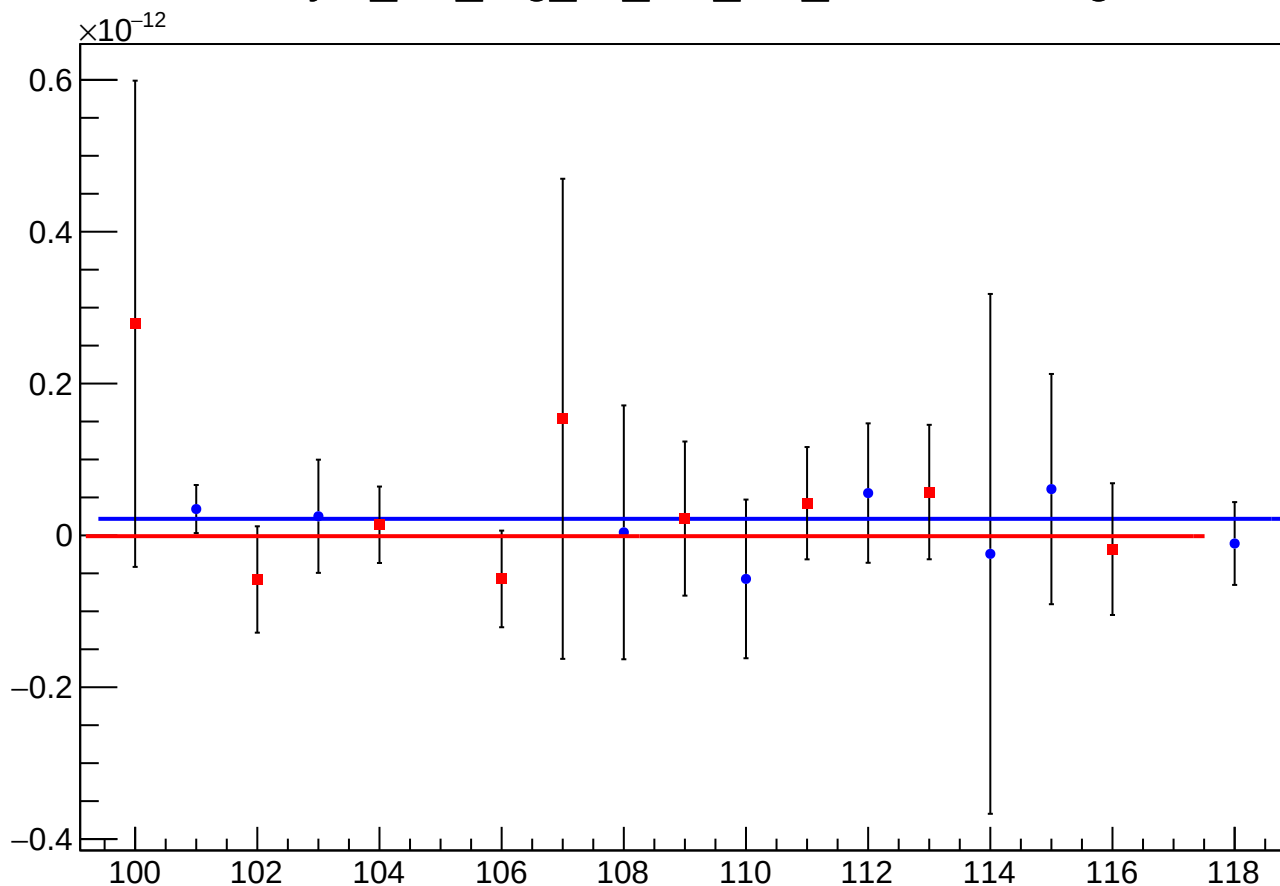
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1619.993+/-0.443 χ^2/NDF : 336860.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1.3/7

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 3.4/8

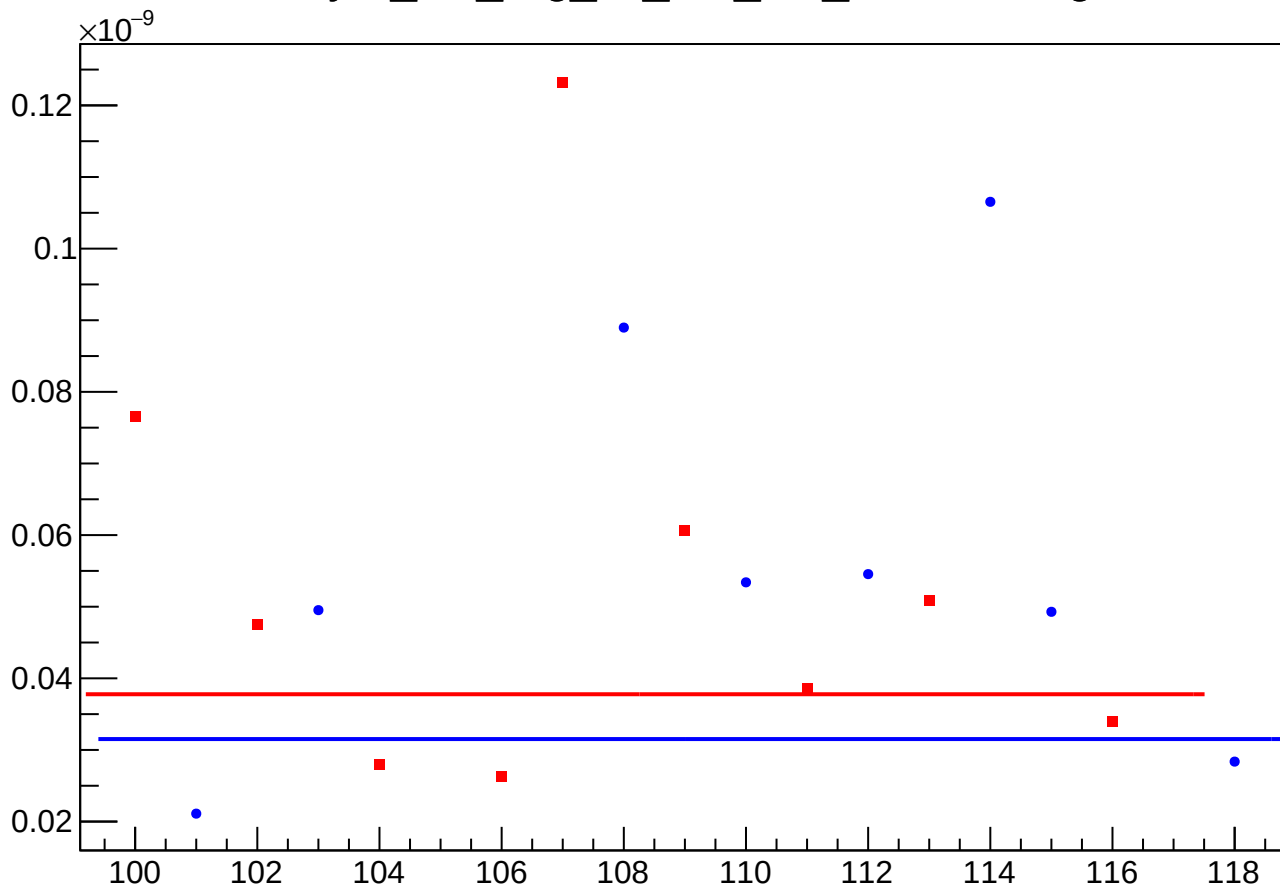
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 5.1/16

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

asym_usl_reg_vs_cor_diff_rms vs Slug



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 : 505414.9/8

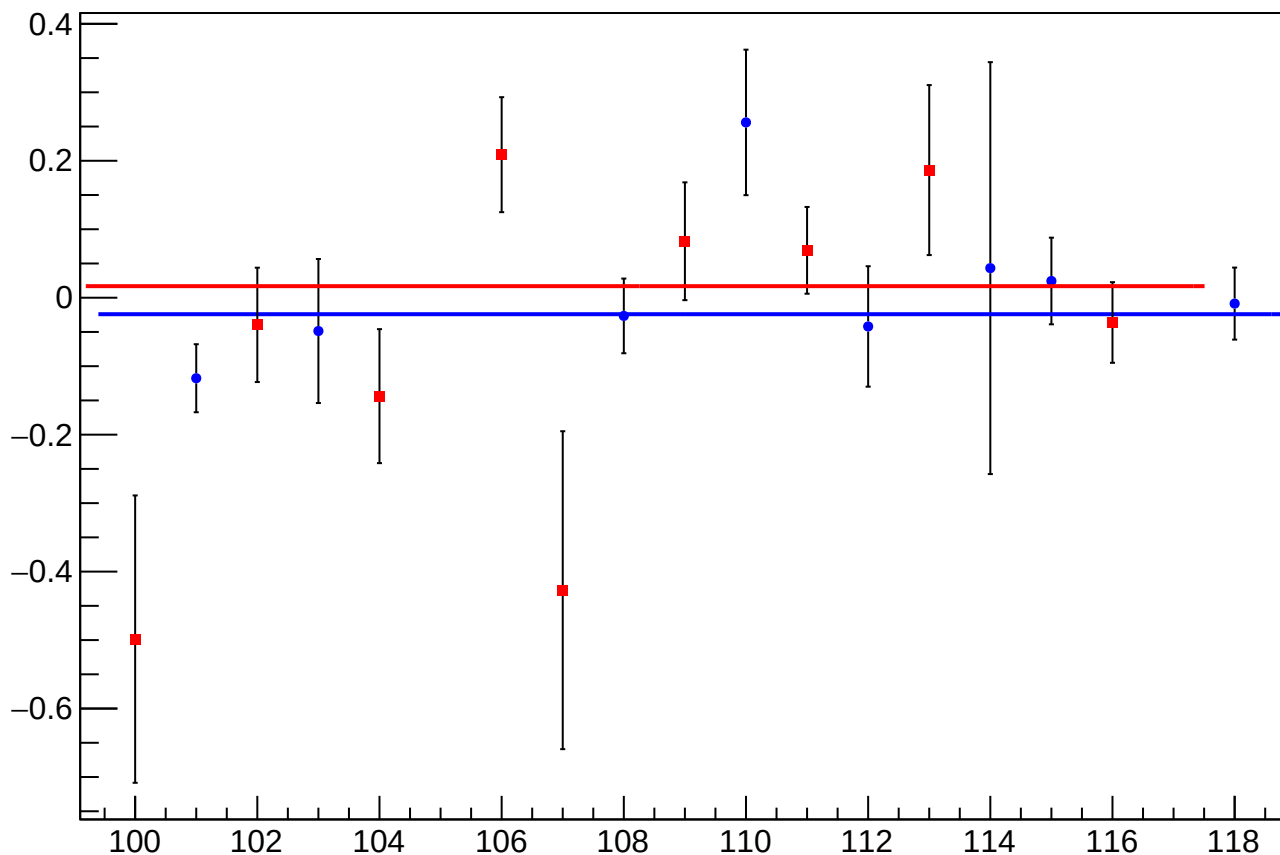
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1480288.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



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: 0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

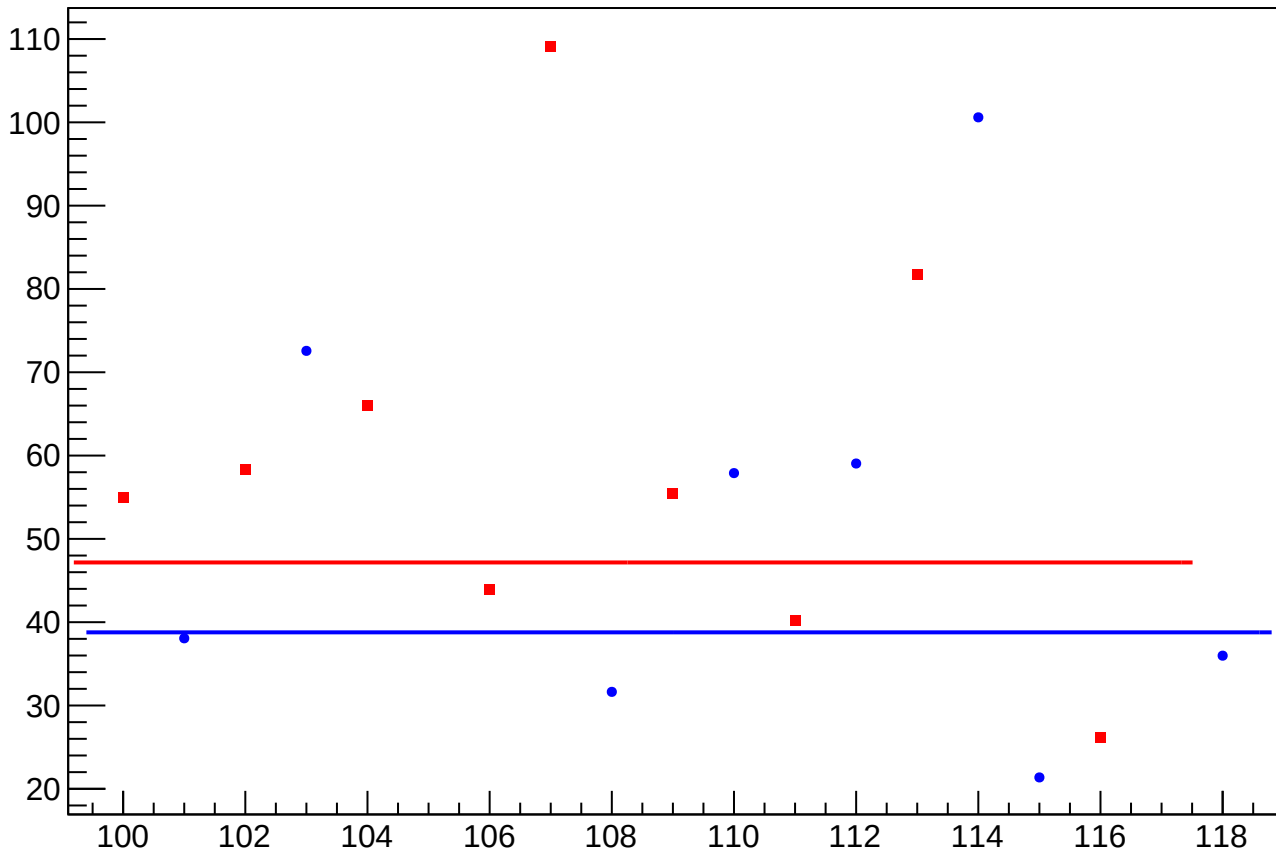
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.007 $\pm$ 0.019 χ^2 /NDF: 34.5/16

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

asym_usl_dit_vs_cor_diff_rms vs Slug



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: 47.171+/-0.021 χ^2/NDF : 708729.3/8

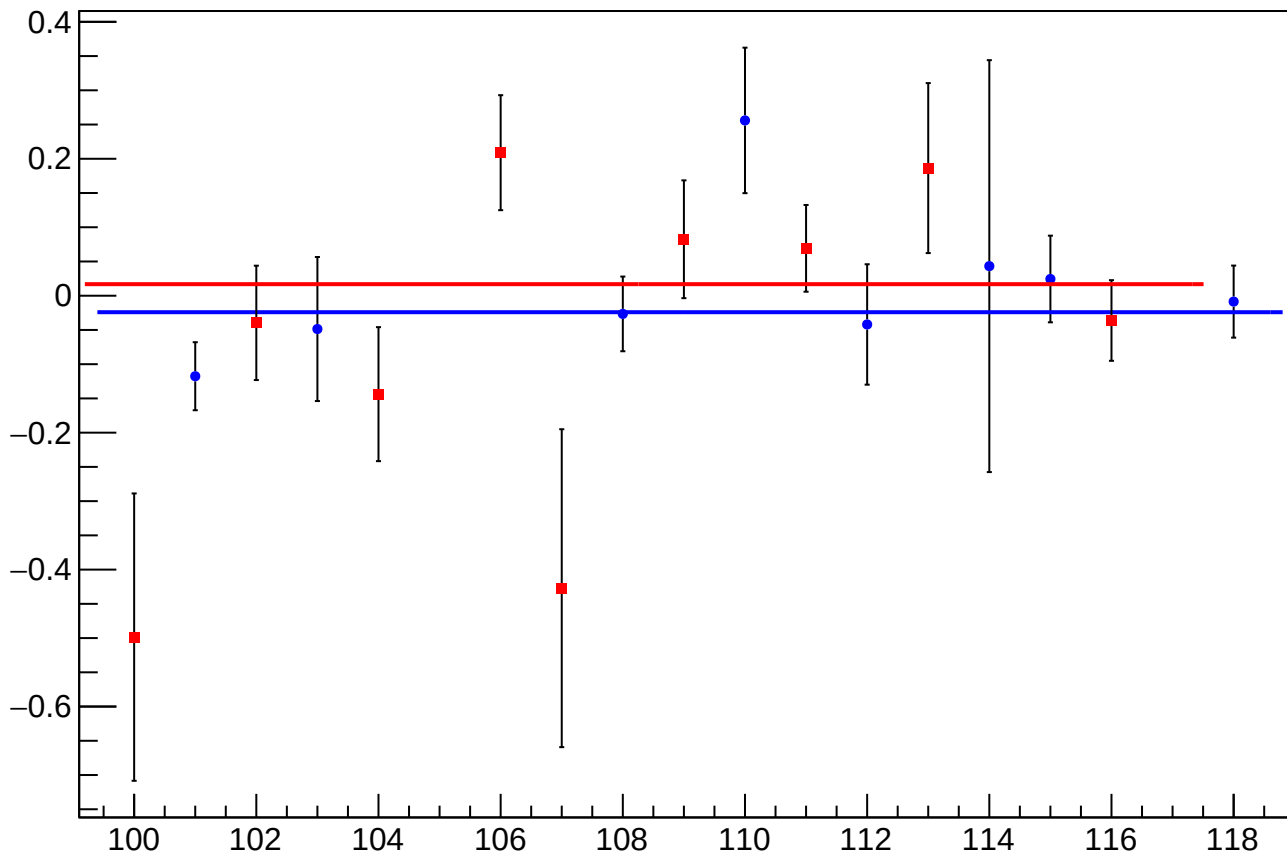
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.232+/-0.013 χ^2/NDF : 1459235.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

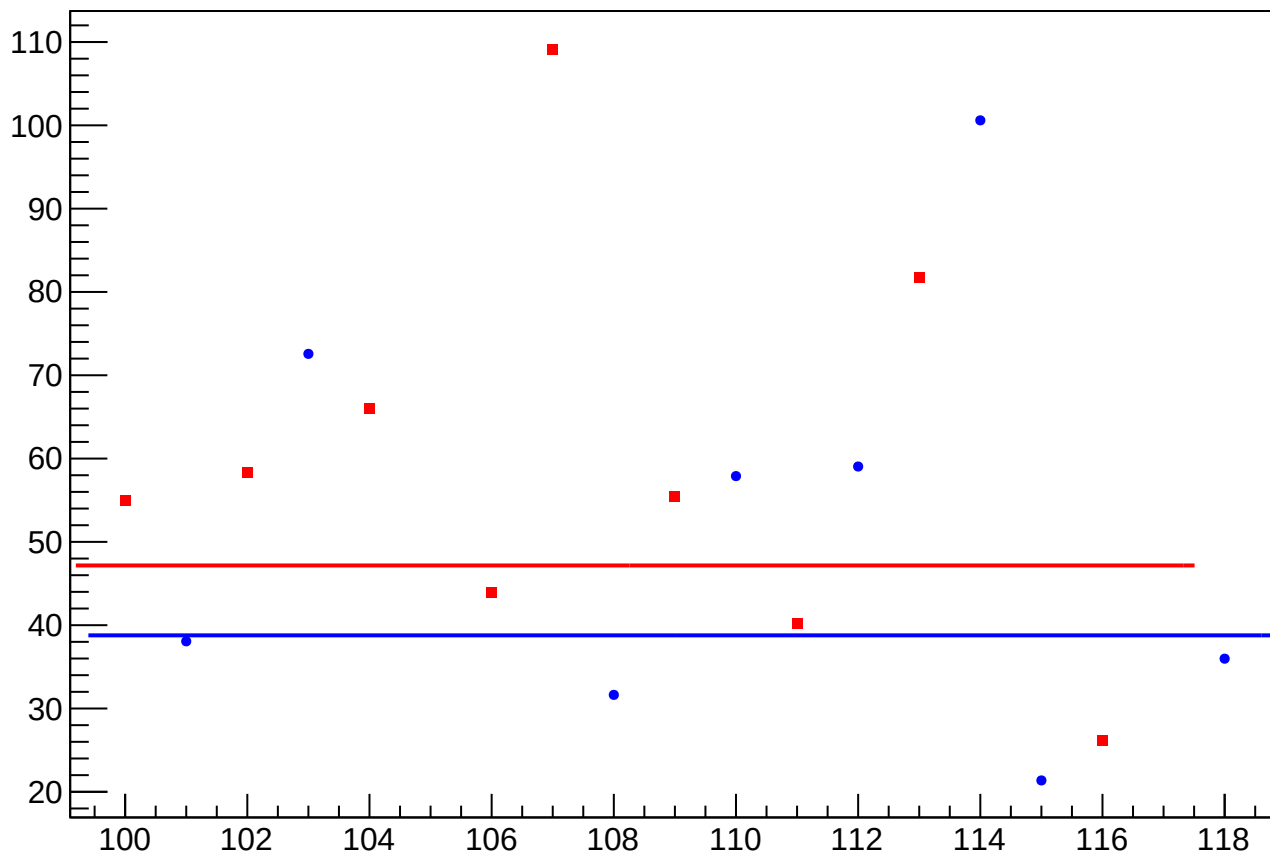
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.007 $\pm$ 0.019 χ^2 /NDF: 34.5/16

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

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.781 $\pm$ 0.017 χ^2 /NDF: 653671.3/7

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

Right Out: 47.171 $\pm$ 0.021 χ^2 /NDF: 708729.3/8

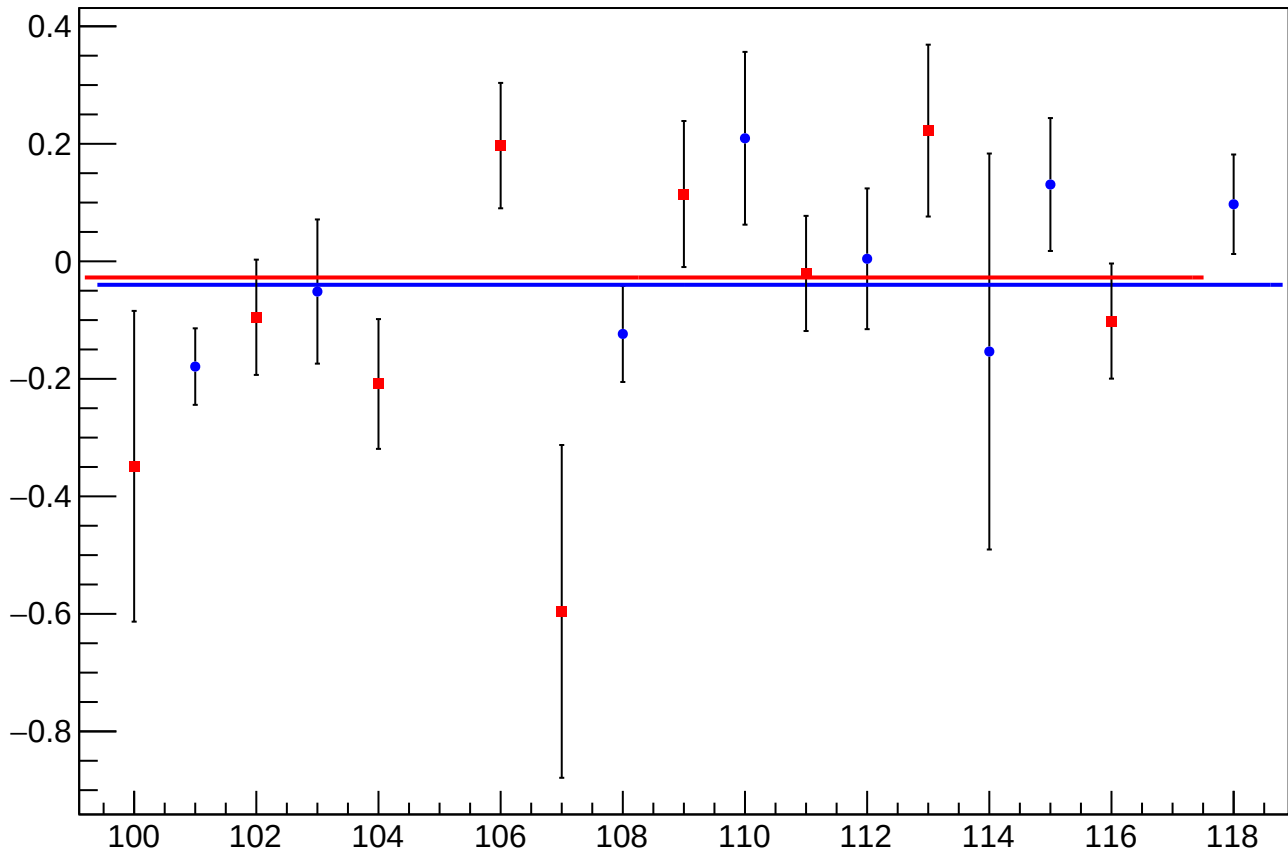
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 42.232 $\pm$ 0.013 χ^2 /NDF: 1459235.3/16

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

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



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: -0.027 $\pm$ 0.040 χ^2 /NDF: 17.9/8

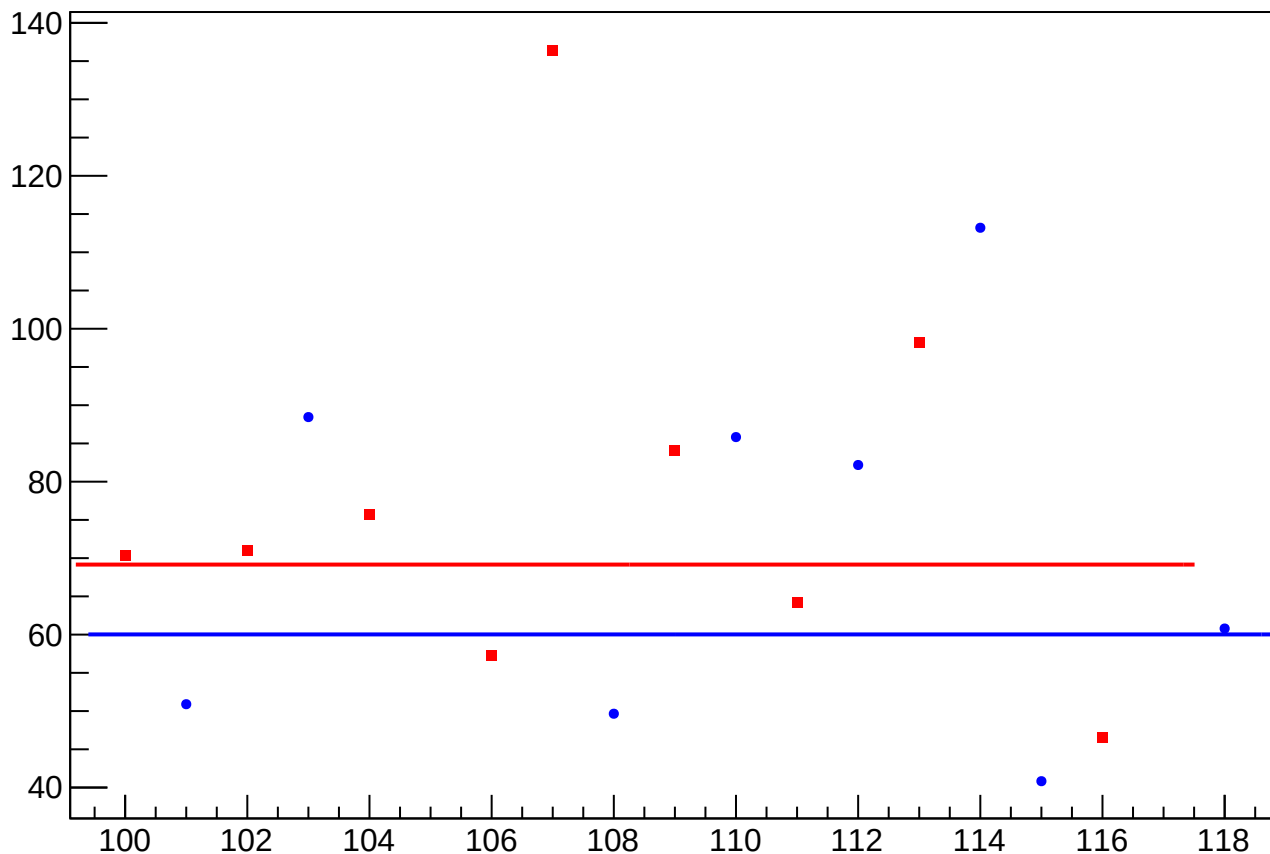
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.034 $\pm$ 0.027 χ^2 /NDF: 31.6/16

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

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



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: 69.158+/-0.028 χ^2/NDF : 365021.6/8

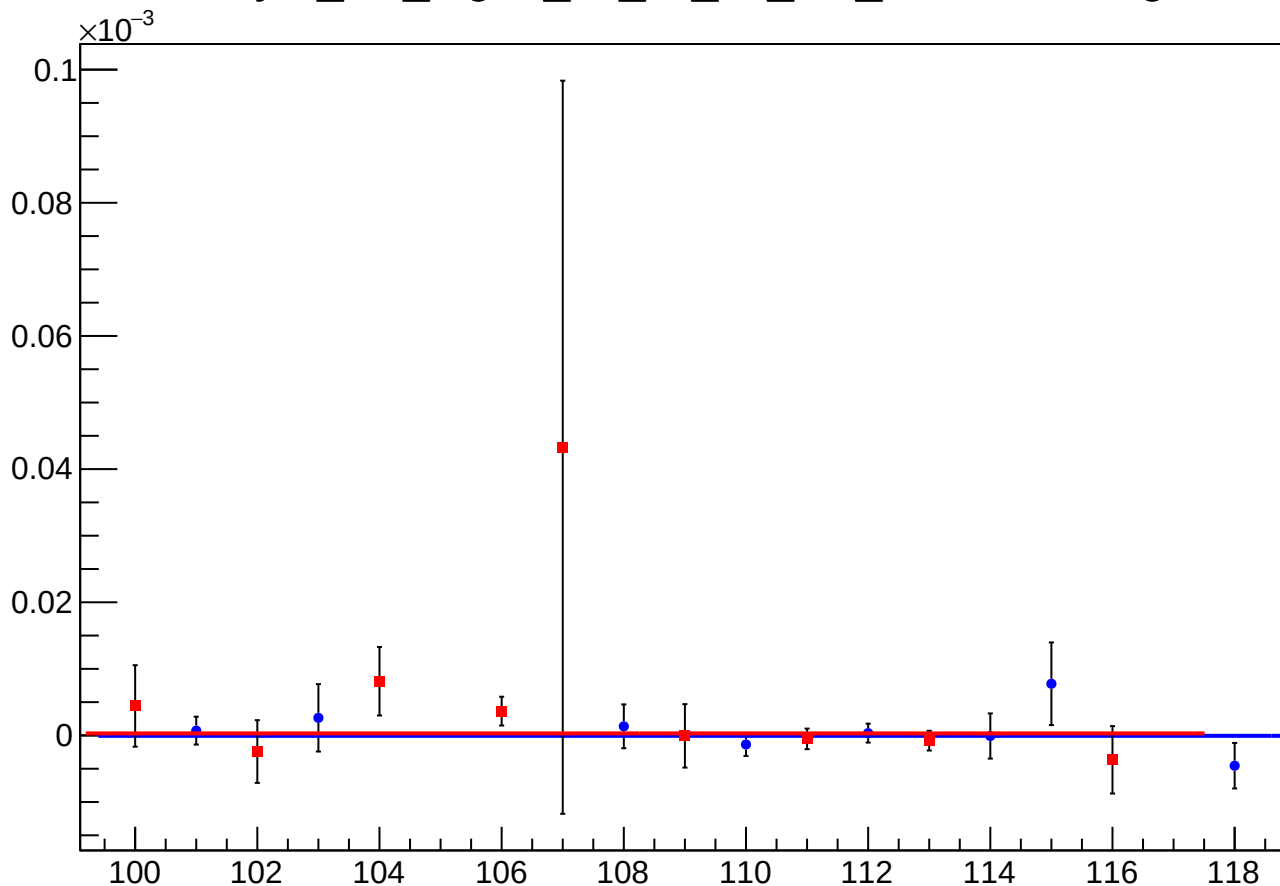
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.030+/-0.019 χ^2/NDF : 839514.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



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: 7.6/8

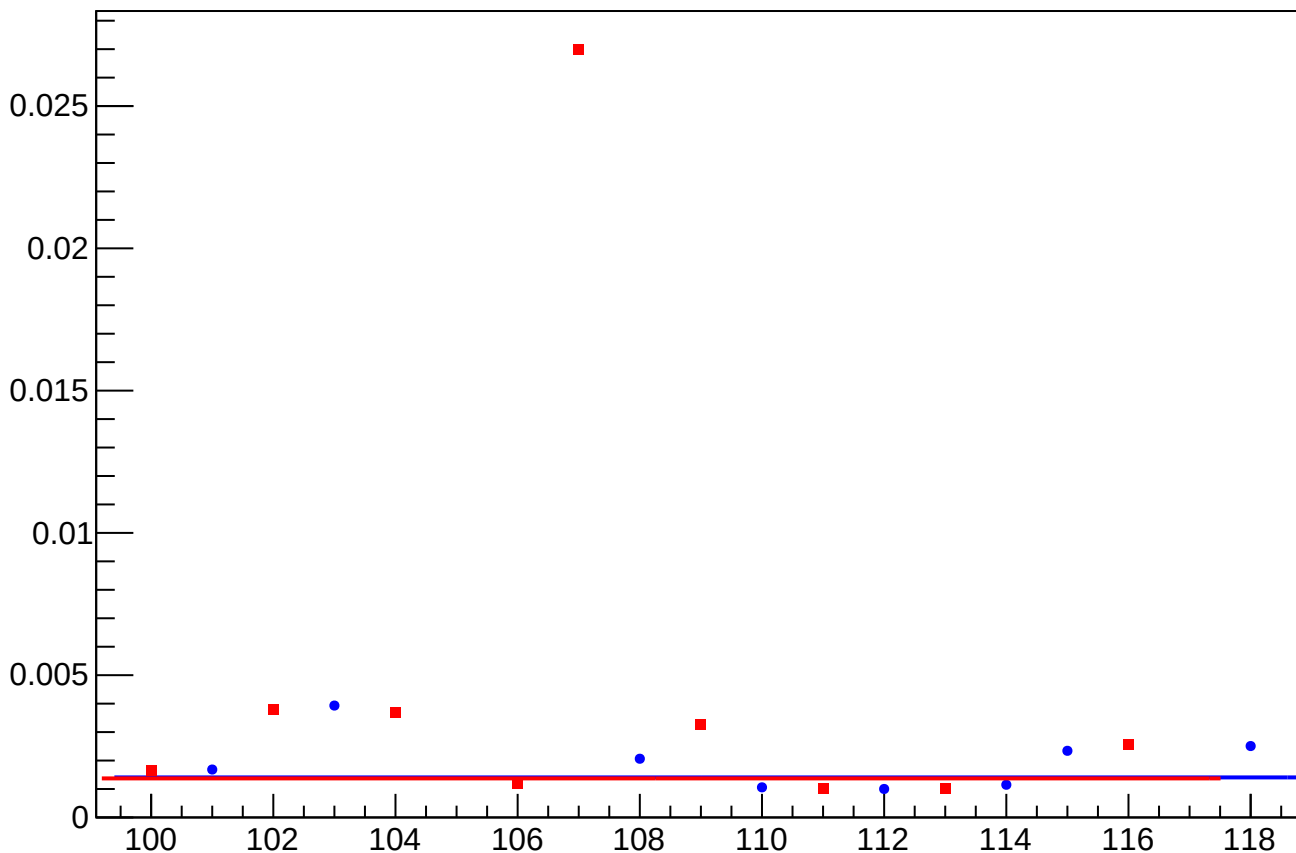
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 12.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2017916.5/8

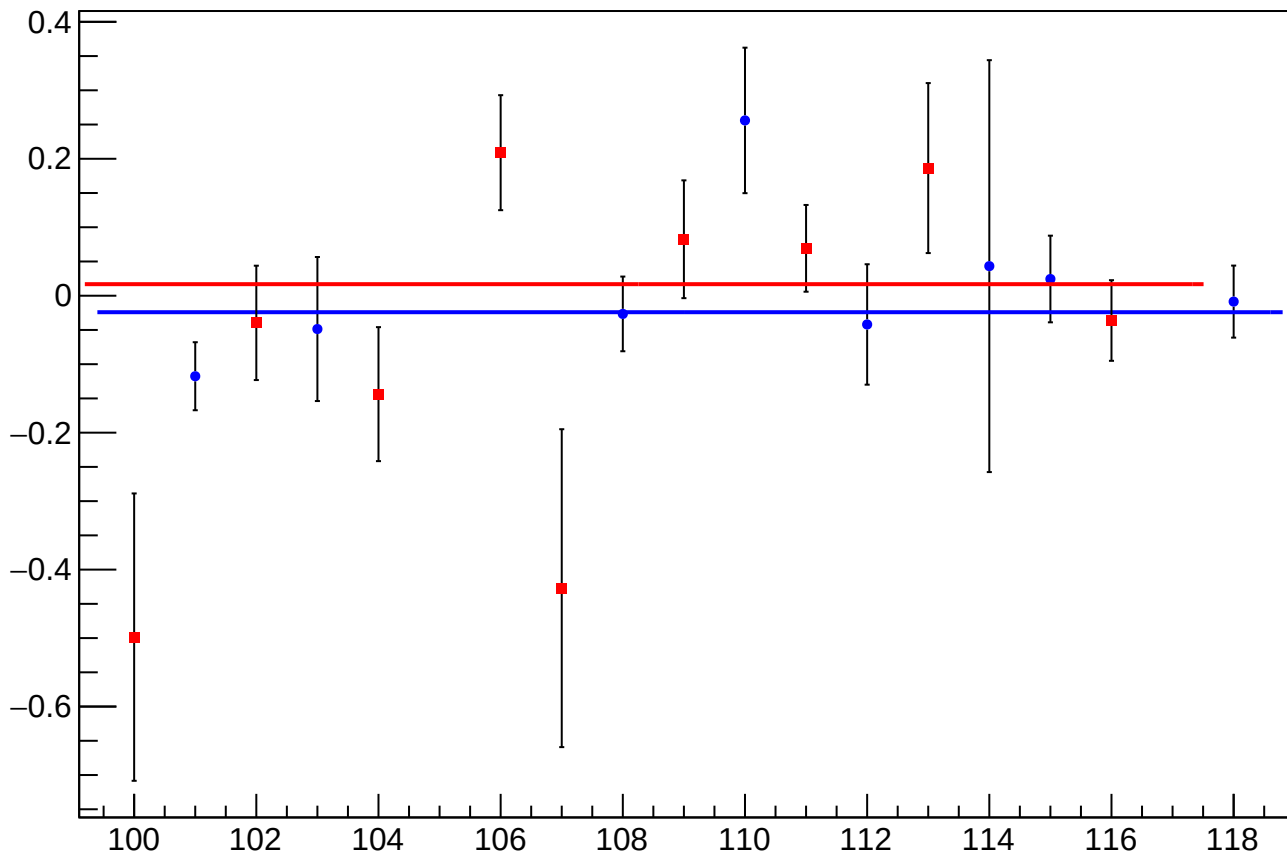
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3141563.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

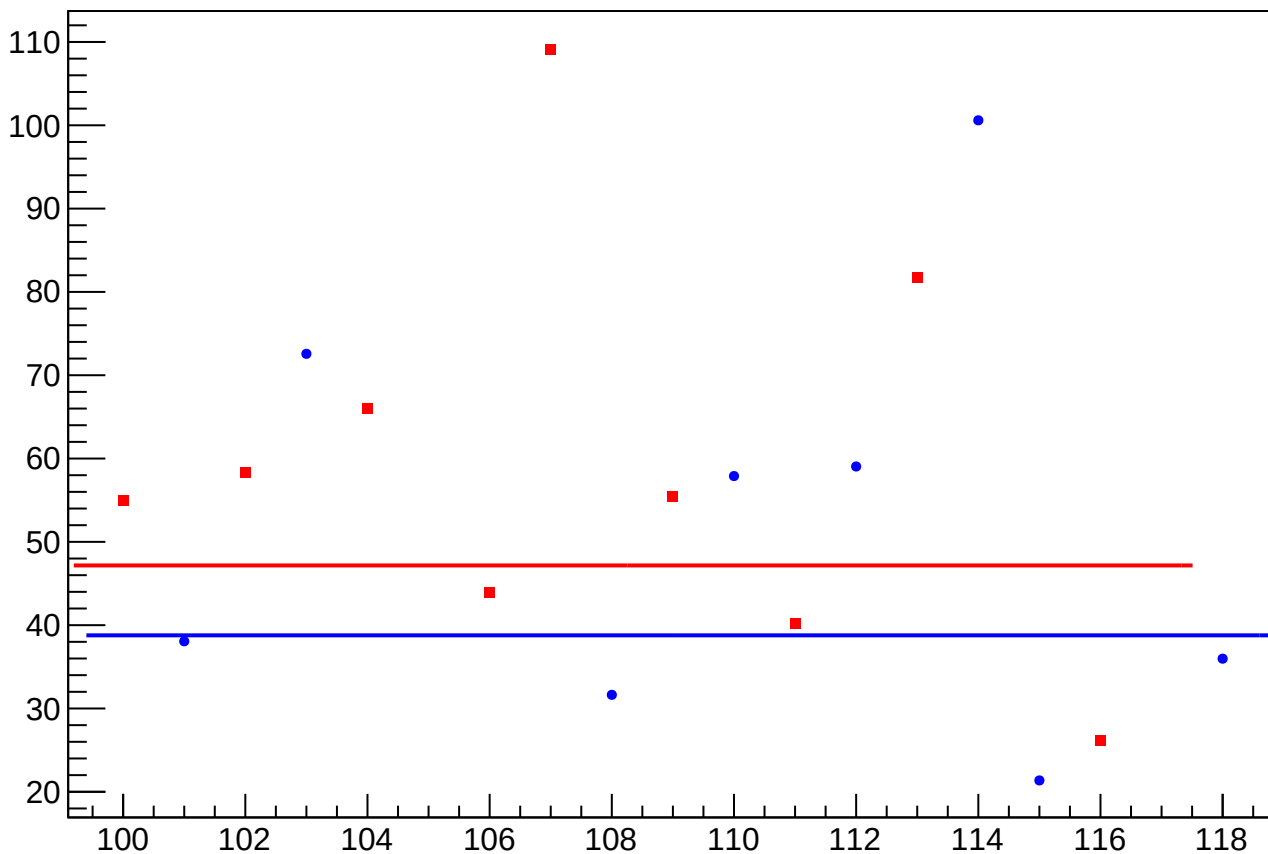
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.007 $\pm$ 0.019 χ^2 /NDF: 34.5/16

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

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 38.780 $\pm$ 0.017 χ^2 /NDF: 653714.6/7

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

Right Out: 47.170 $\pm$ 0.021 χ^2 /NDF: 708766.1/8

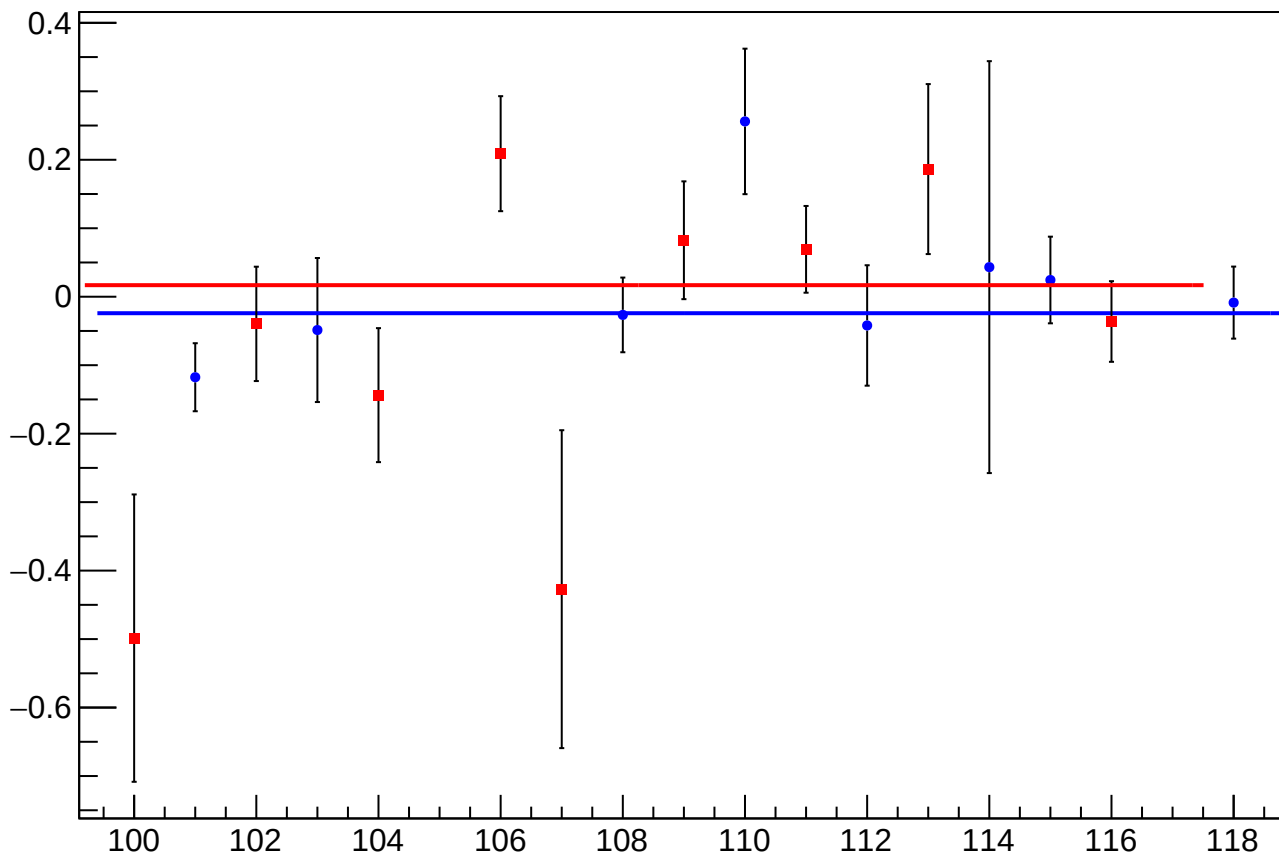
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 42.232 $\pm$ 0.013 χ^2 /NDF: 1459316.1/16

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

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.017 $\pm$ 0.029 χ^2 /NDF: 22.0/8

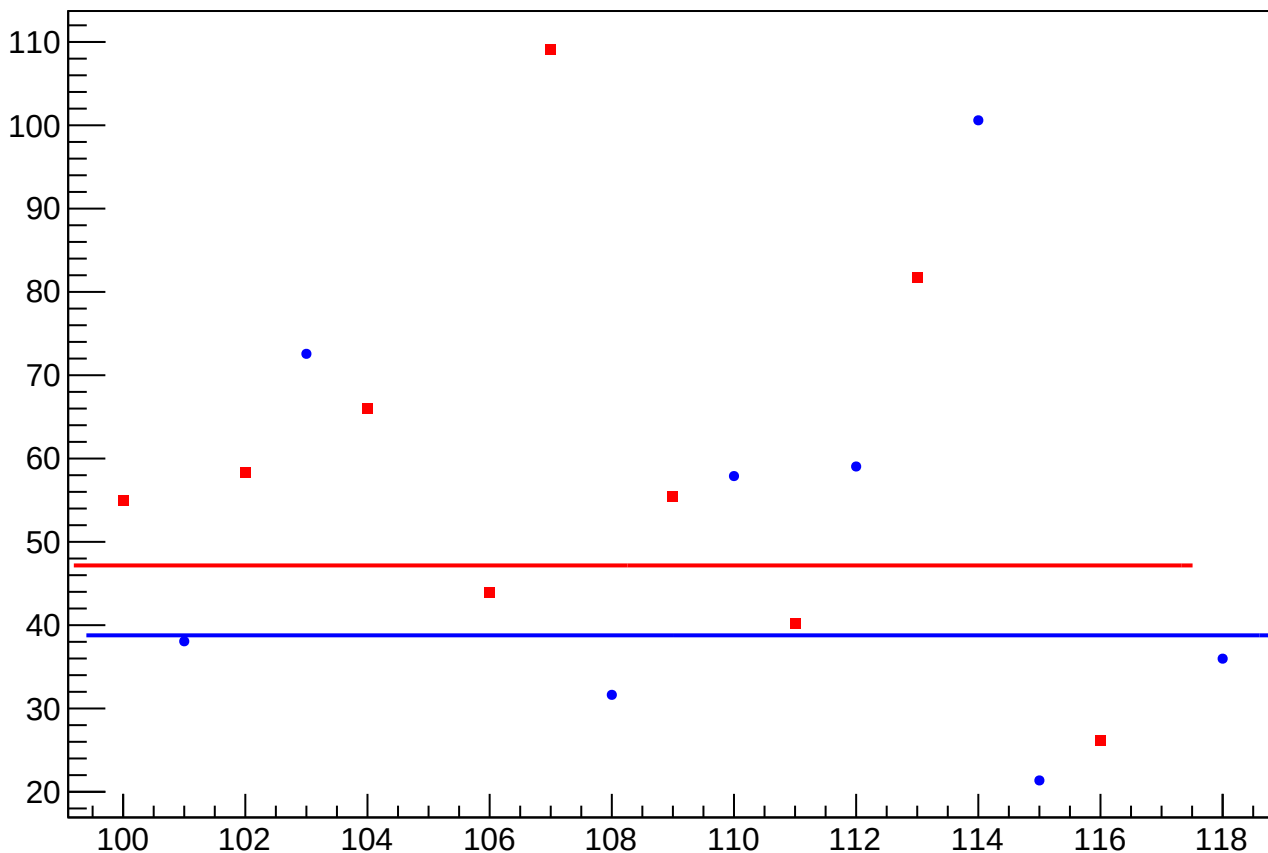
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.007 $\pm$ 0.019 χ^2 /NDF: 34.5/16

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

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.780 $\pm$ 0.017 χ^2 /NDF: 653714.6/7

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

Right Out: 47.170 $\pm$ 0.021 χ^2 /NDF: 708766.1/8

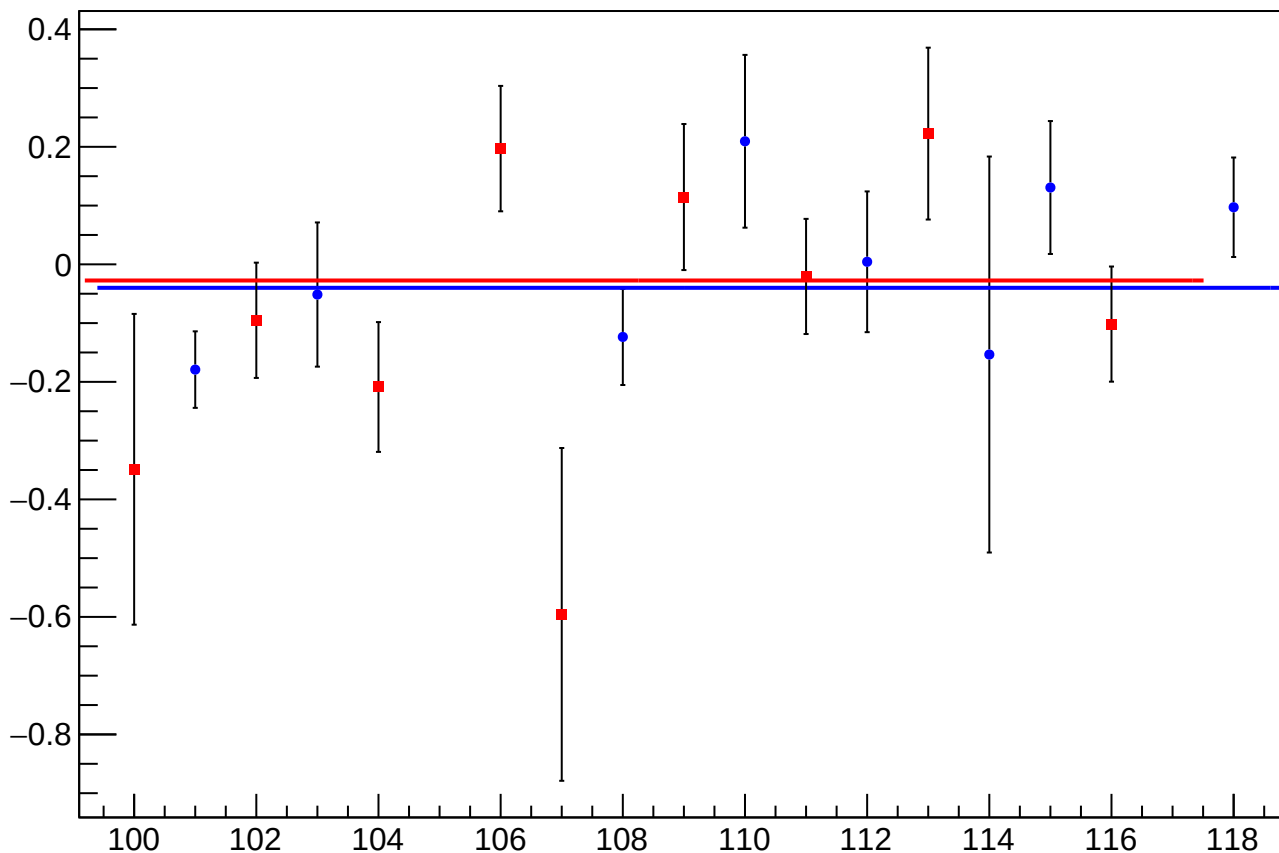
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 42.232 $\pm$ 0.013 χ^2 /NDF: 1459316.1/16

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

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



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: -0.027 $\pm$ 0.040 χ^2 /NDF: 17.9/8

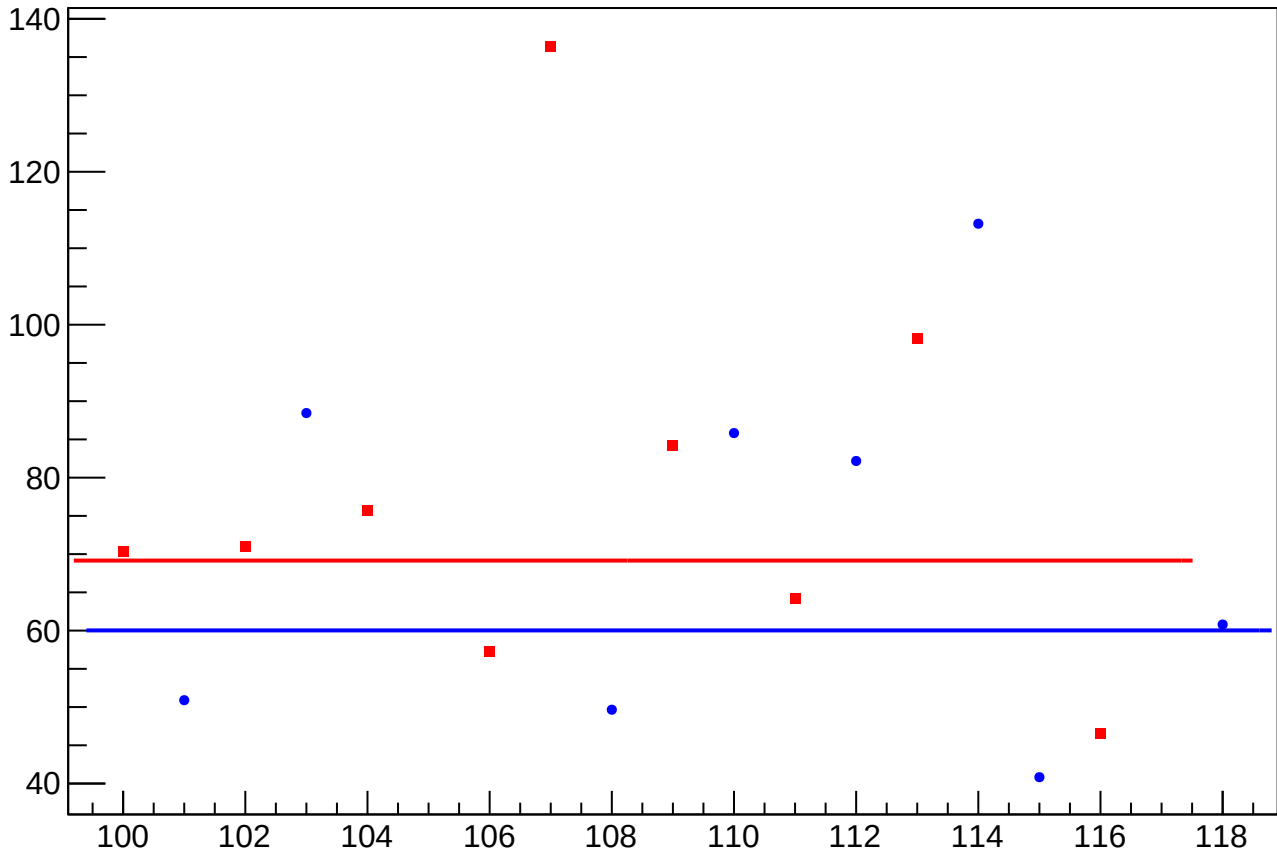
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.034 $\pm$ 0.027 χ^2 /NDF: 31.6/16

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

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



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: 69.158+/-0.028 χ^2/NDF : 365012.3/8

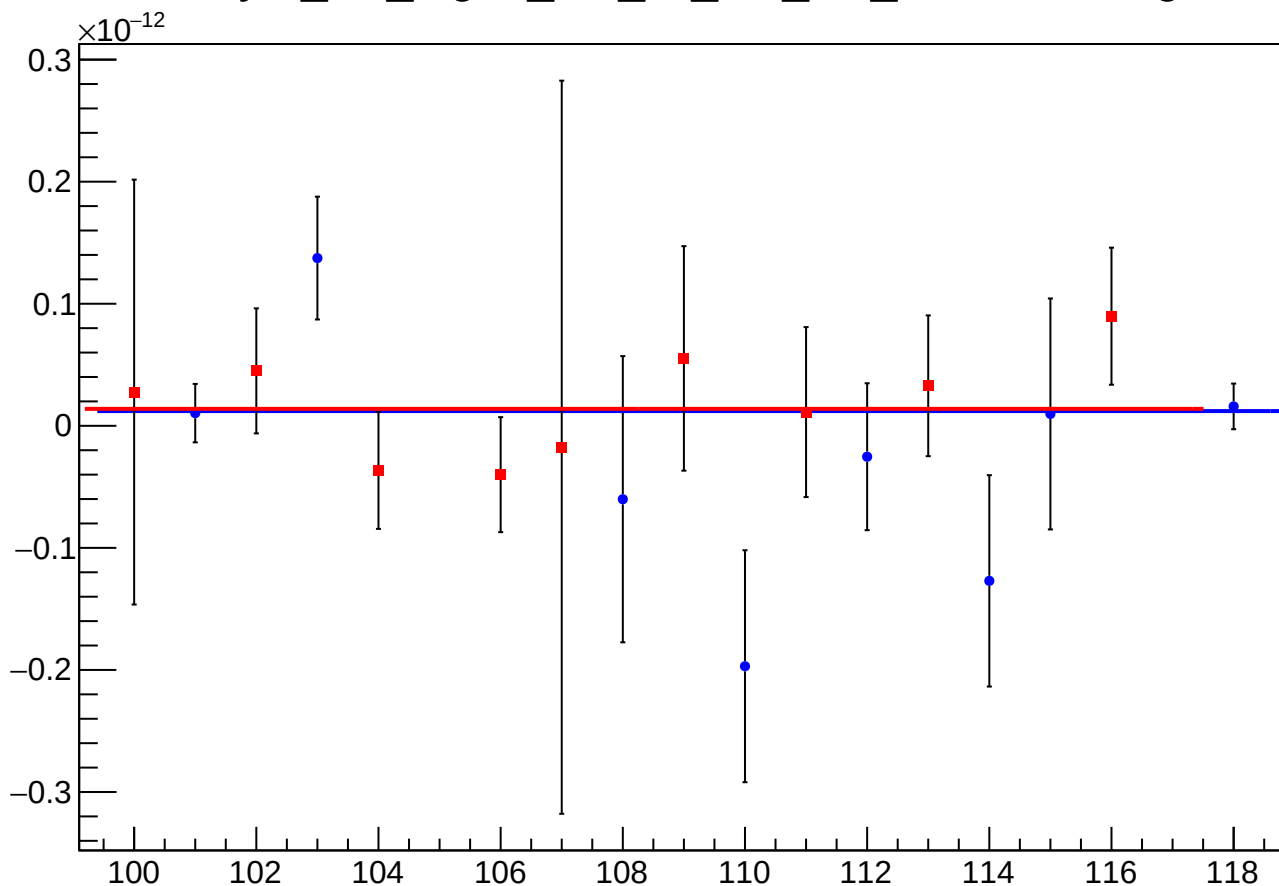
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.030+/-0.019 χ^2/NDF : 839508.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/8

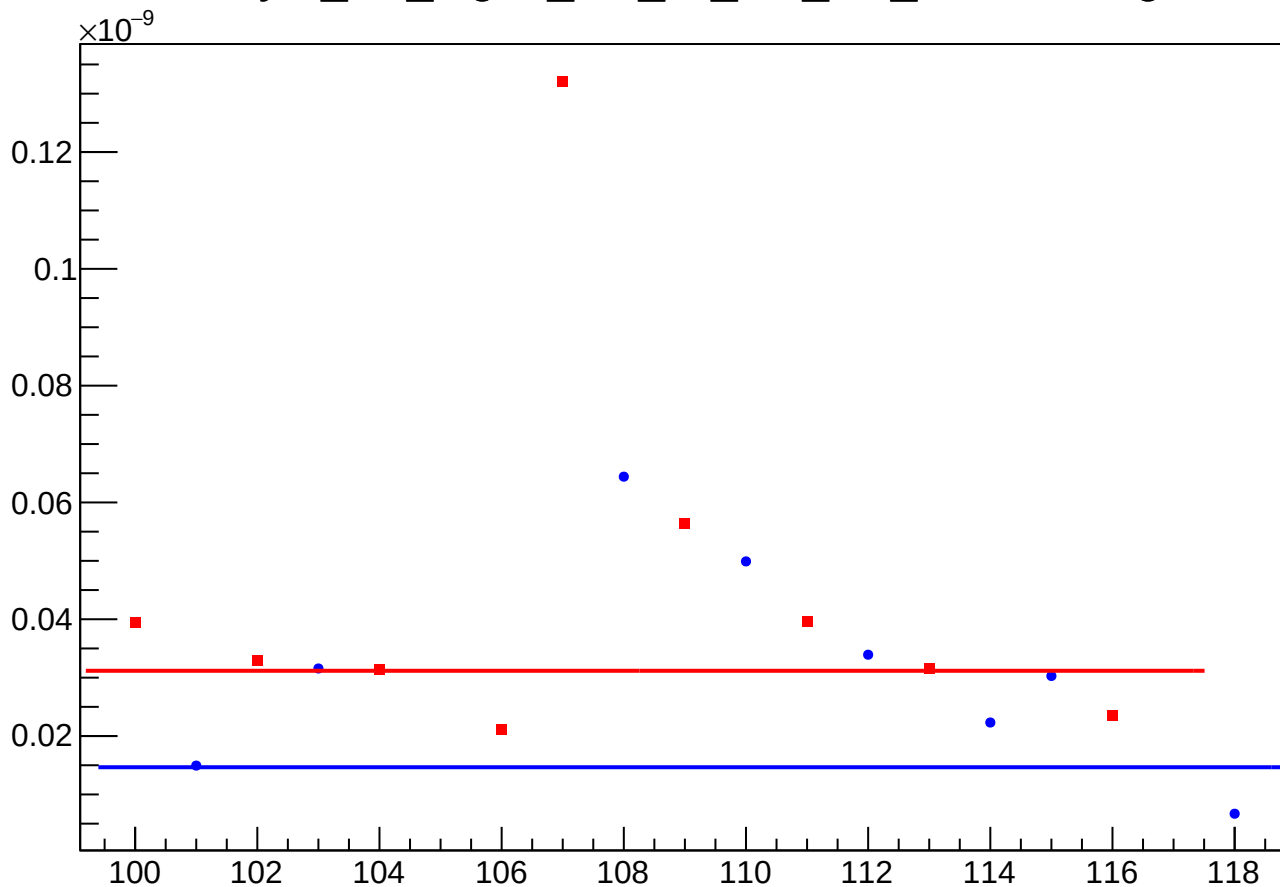
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/16

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

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



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 : 541106.7/8

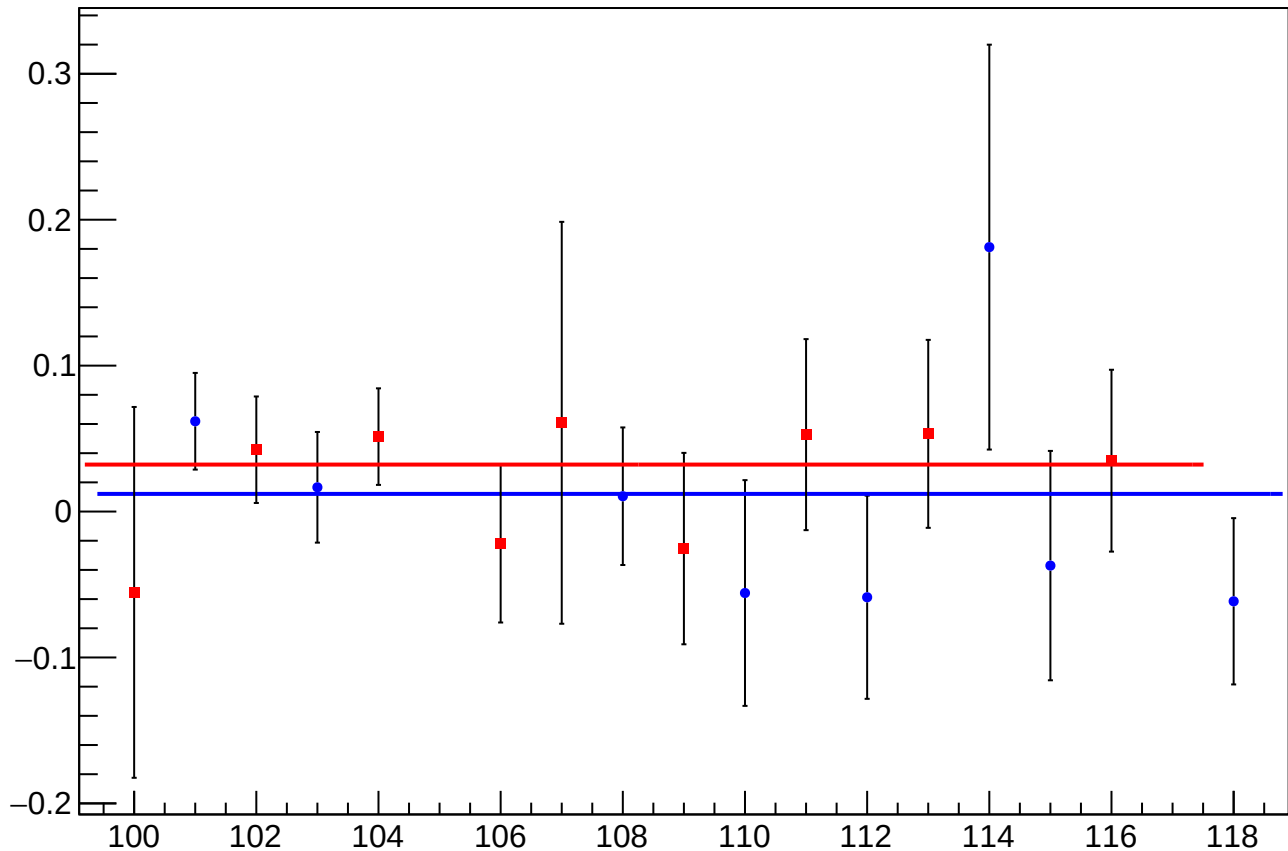
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2921130.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



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: 0.032 $\pm$ 0.018 χ^2 /NDF: 2.9/8

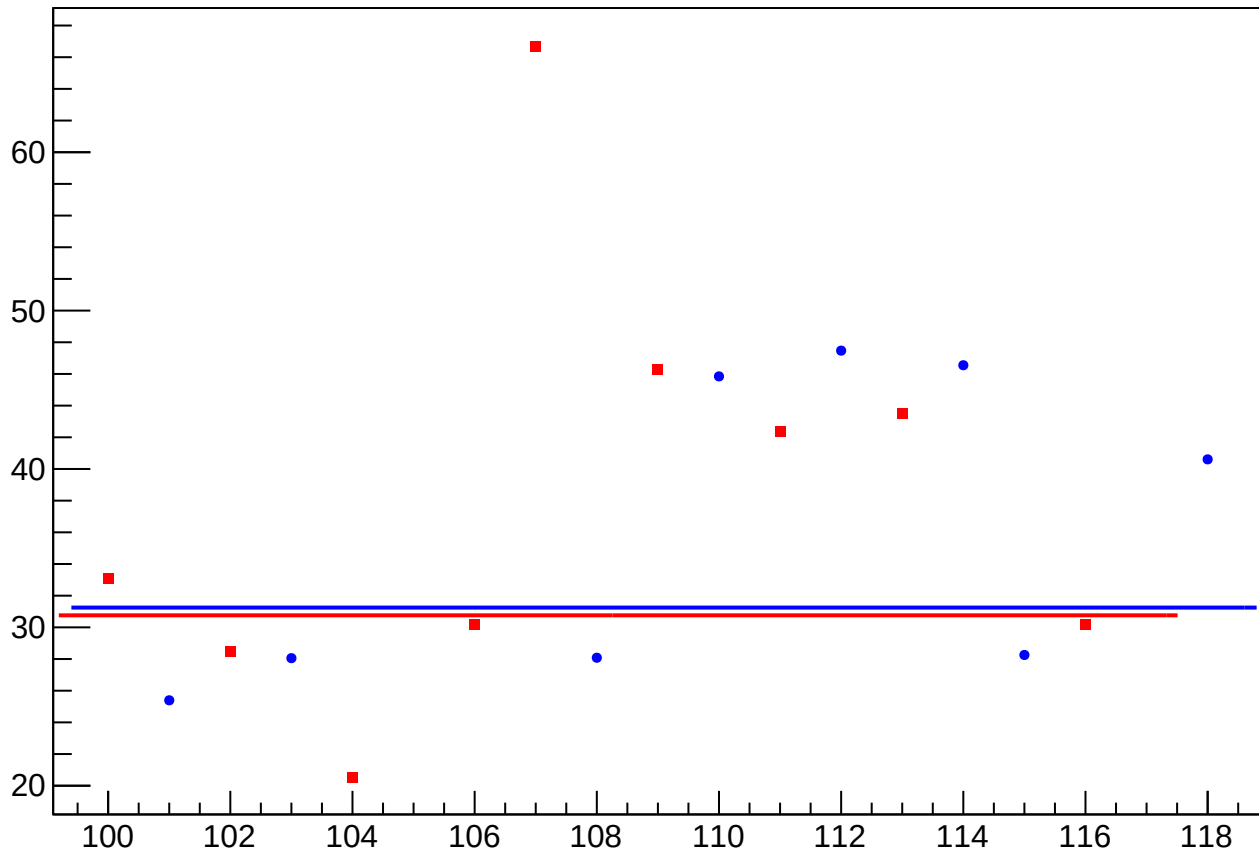
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 11.1/16

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



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: 30.759+/-0.013 χ^2/NDF : 589881.5/8

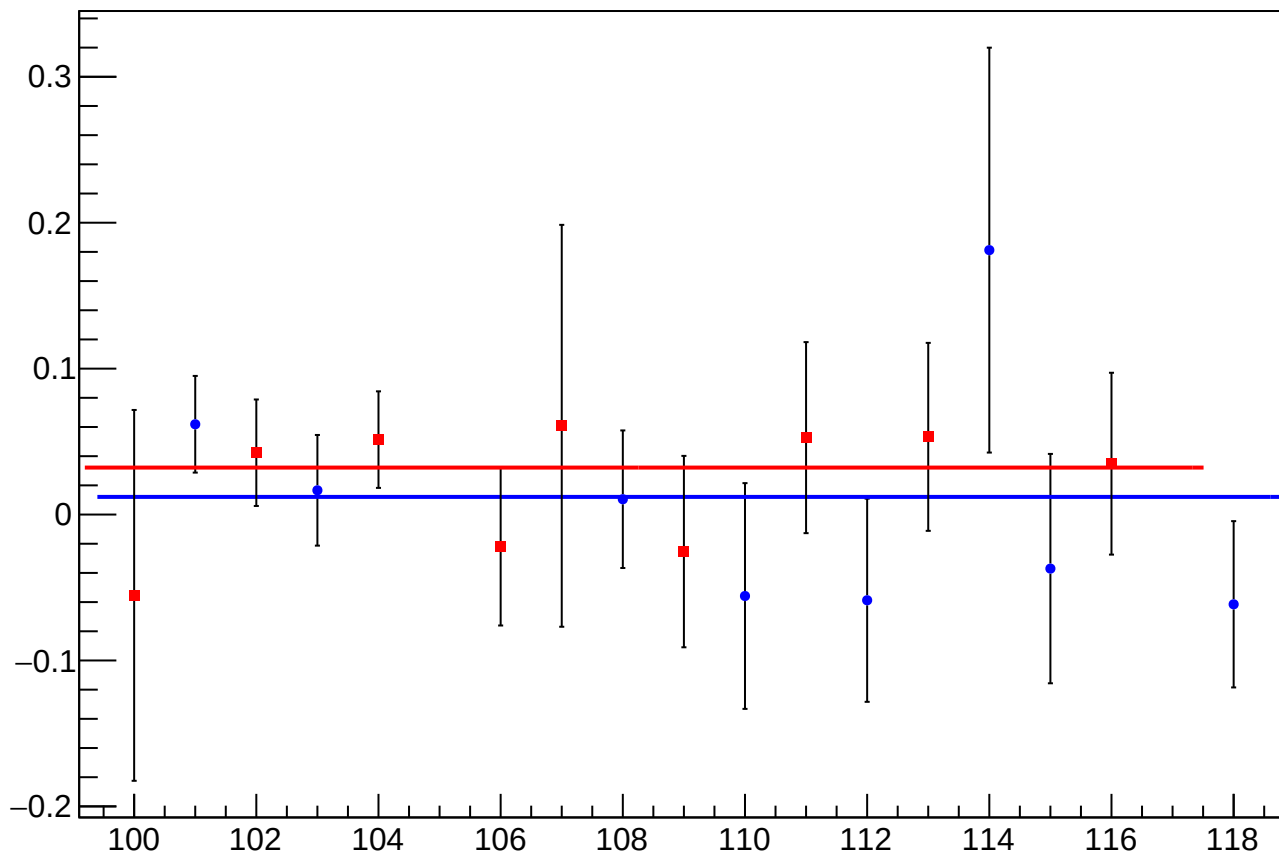
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.998+/-0.009 χ^2/NDF : 937269.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



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: 0.032 $\pm$ 0.018 χ^2 /NDF: 2.9/8

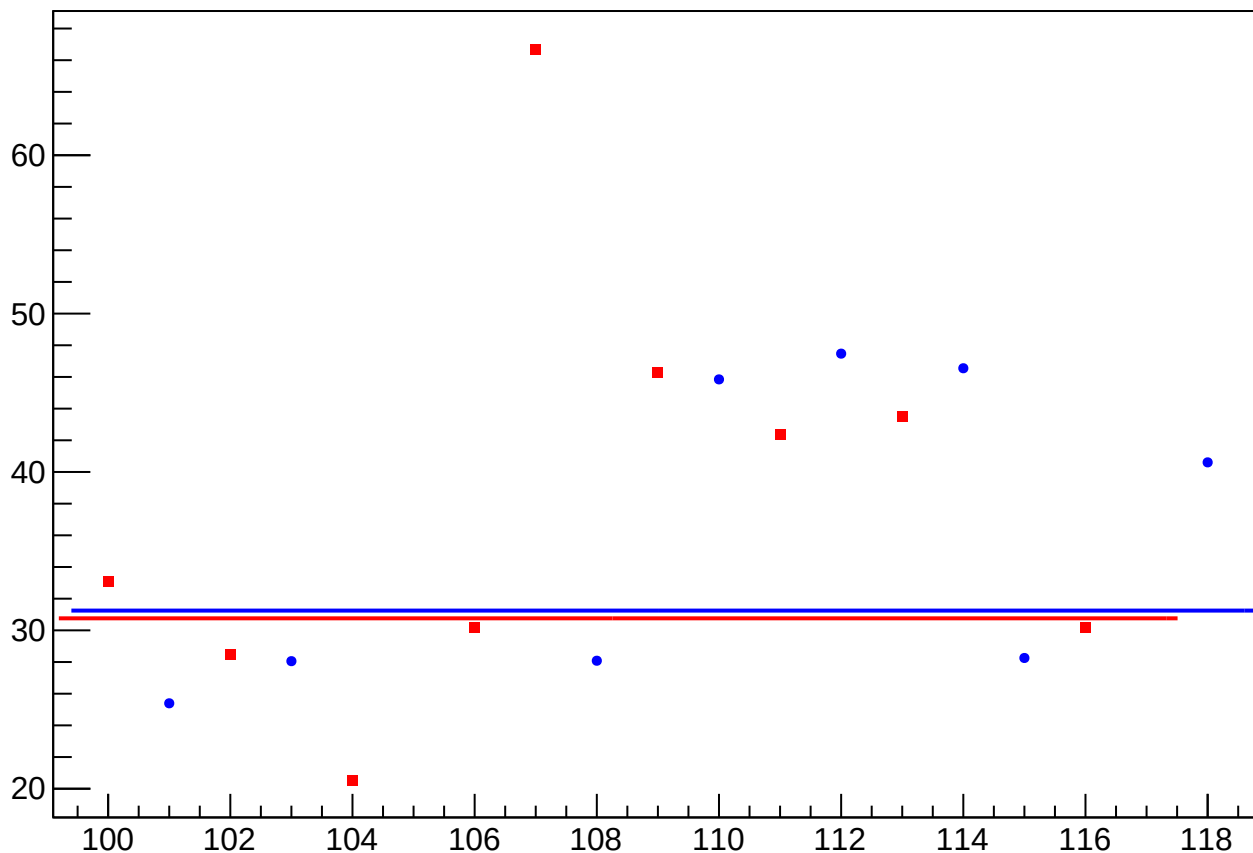
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.022 $\pm$ 0.013 χ^2 /NDF: 11.1/16

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

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug



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: 30.759+/-0.013 χ^2/NDF : 589881.5/8

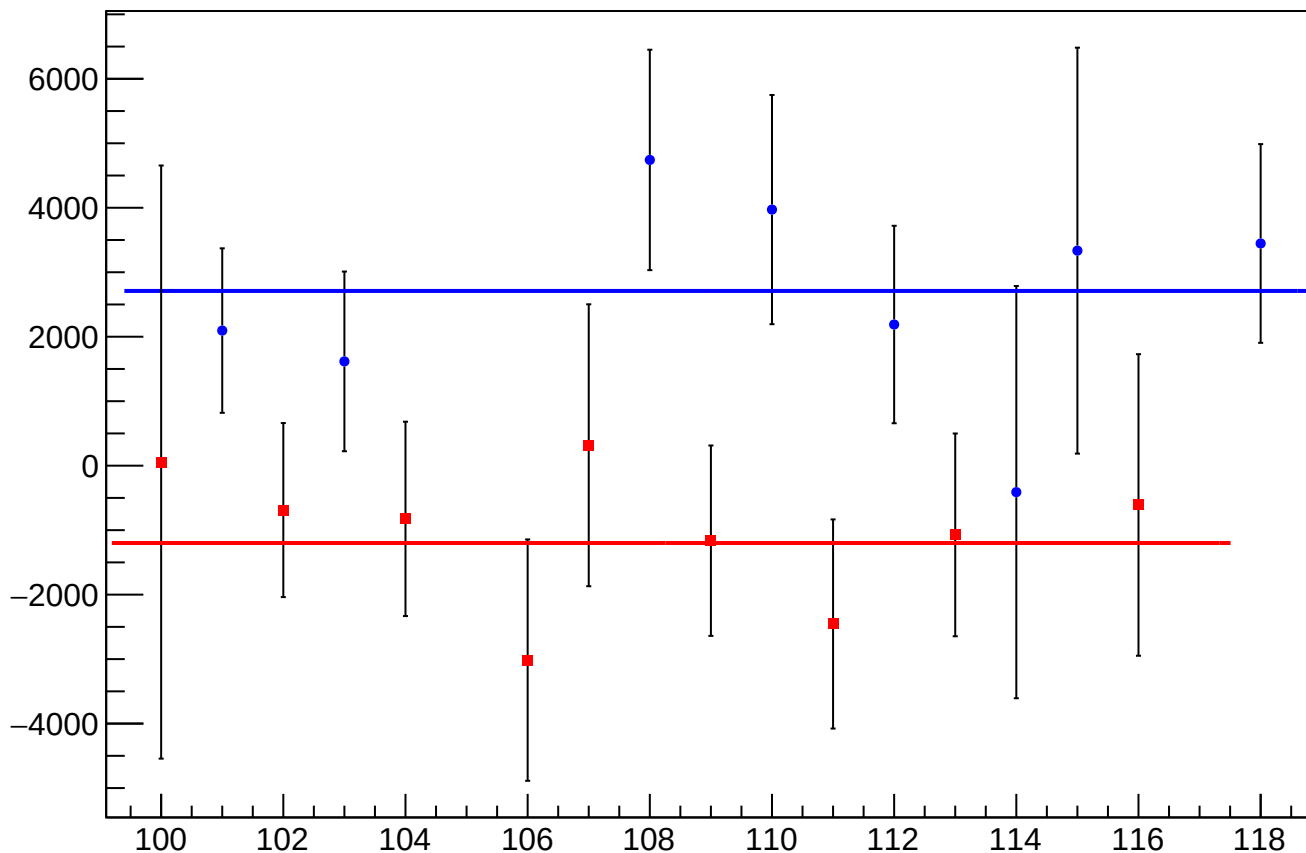
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.998+/-0.009 χ^2/NDF : 937269.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2710.020 $\pm$ 593.924 χ^2 /NDF: 4.1/7

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

Right Out: -1199.078 $\pm$ 581.510 χ^2 /NDF: 2.4/8

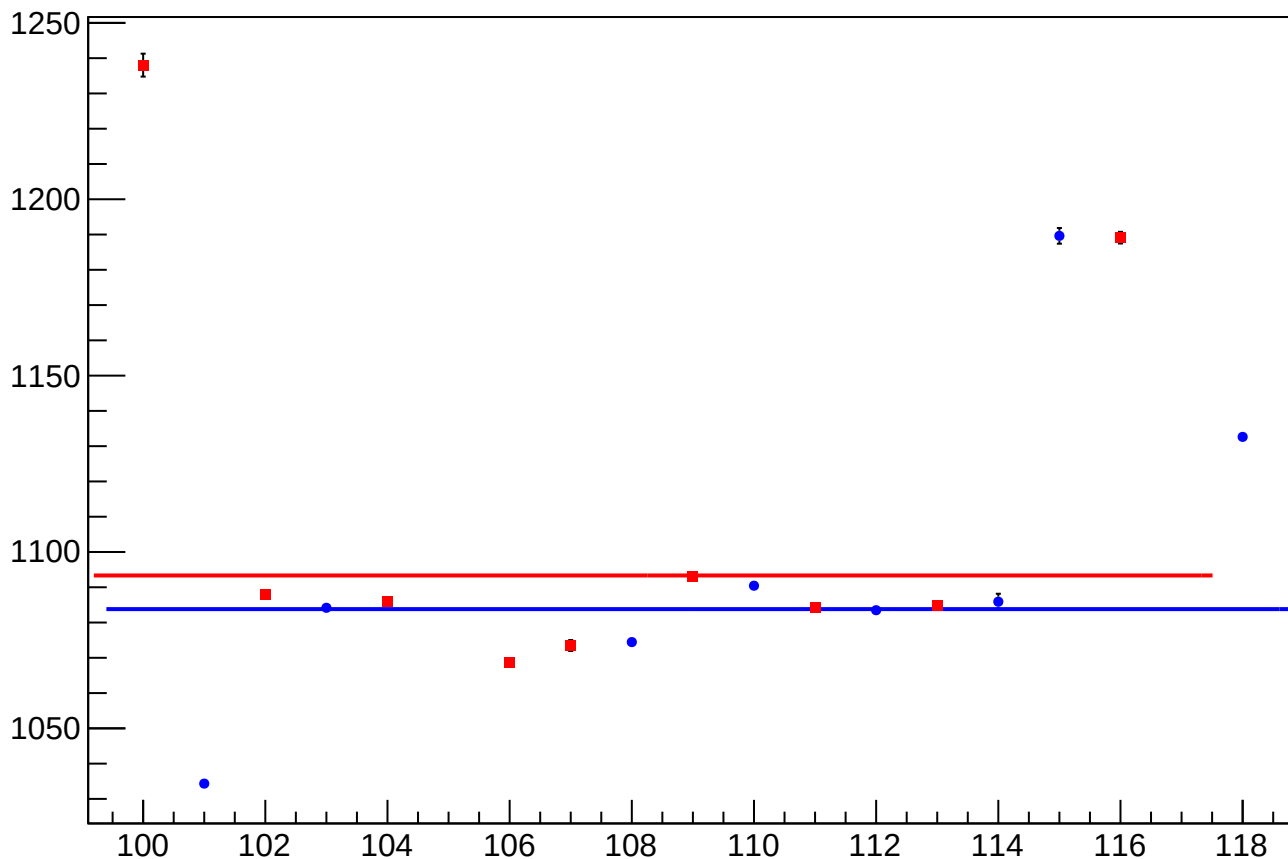
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 714.191 $\pm$ 415.509 χ^2 /NDF: 28.6/16

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

reg_asym_usr_rms vs Slug



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: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

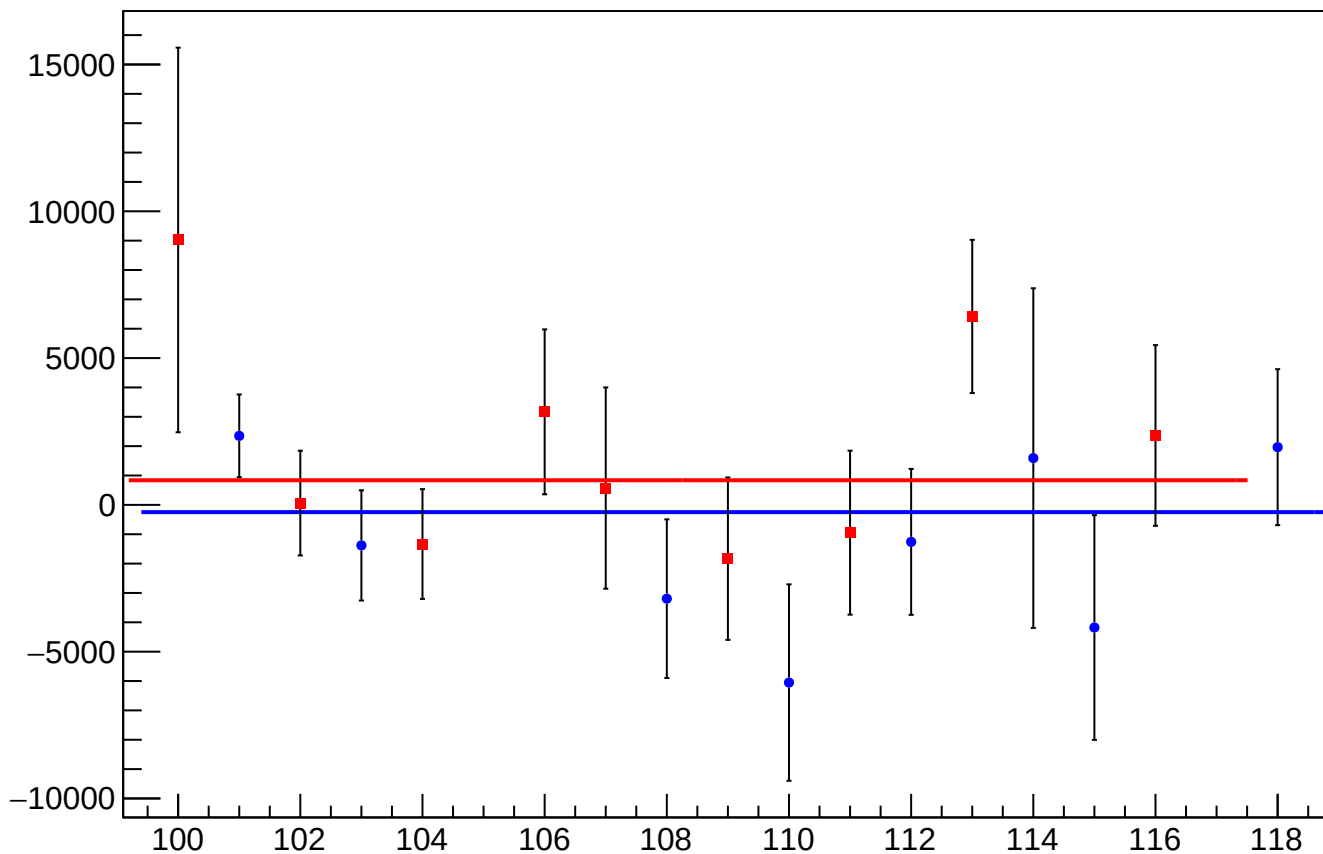
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.676+/-0.294 χ^2/NDF : 13675.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_mean vs Slug



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: 838.739+/-861.721 χ^2/NDF : 10.0/8

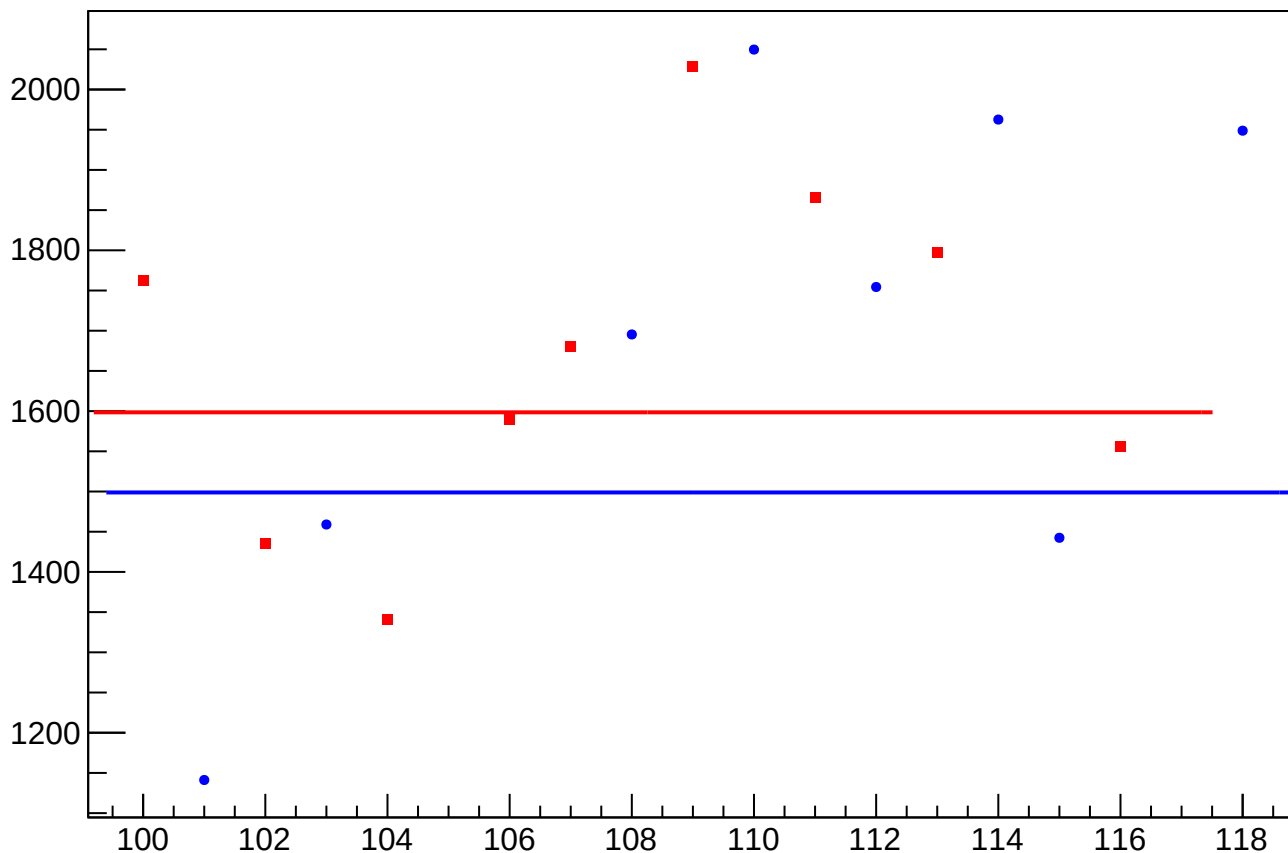
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.291+/-601.725 χ^2/NDF : 20.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_rms vs Slug



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: 1598.503+/-0.609 χ^2/NDF : 135435.0/8

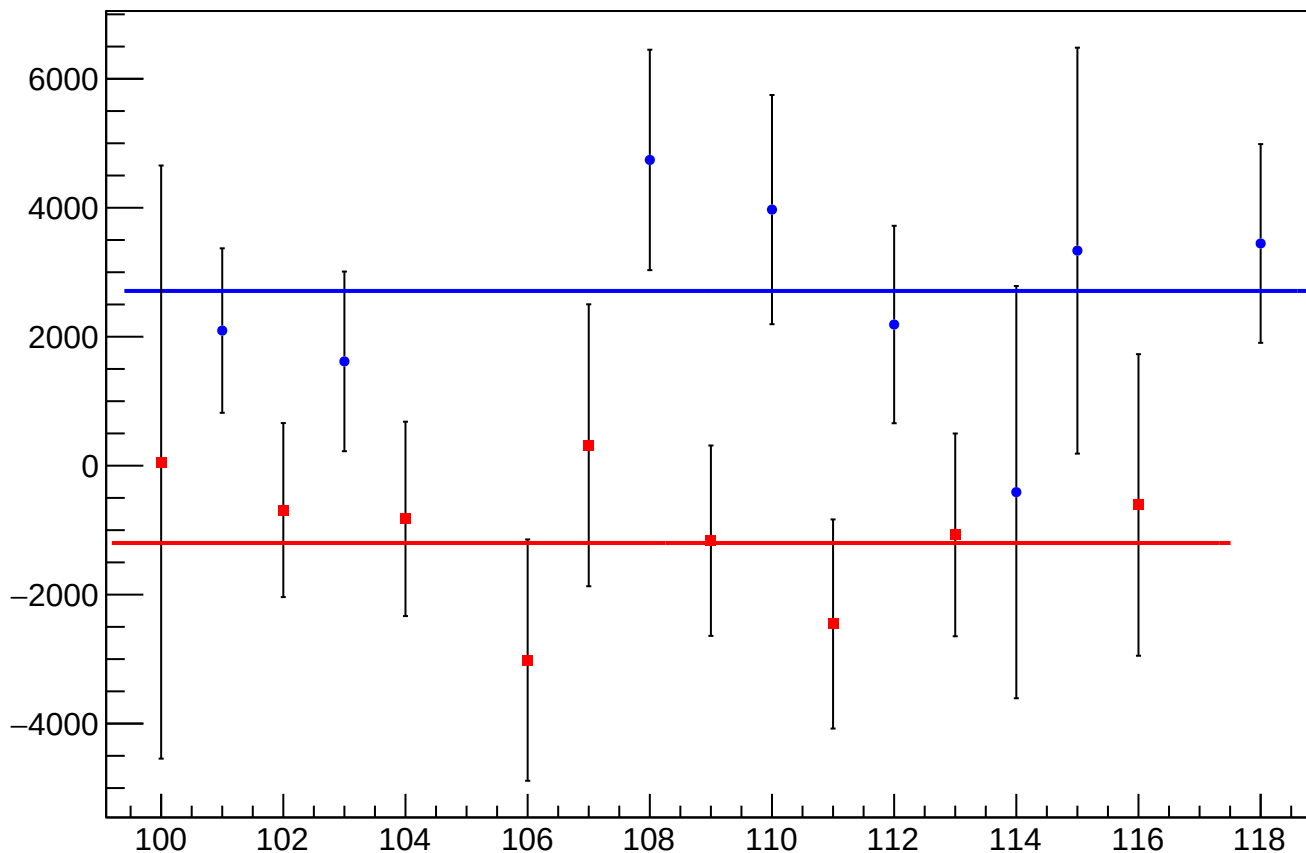
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.439+/-0.425 χ^2/NDF : 435394.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



Right In: 2710.020 $\pm$ 593.924 χ^2 /NDF: 4.1/7

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

Right Out: -1199.078 $\pm$ 581.510 χ^2 /NDF: 2.4/8

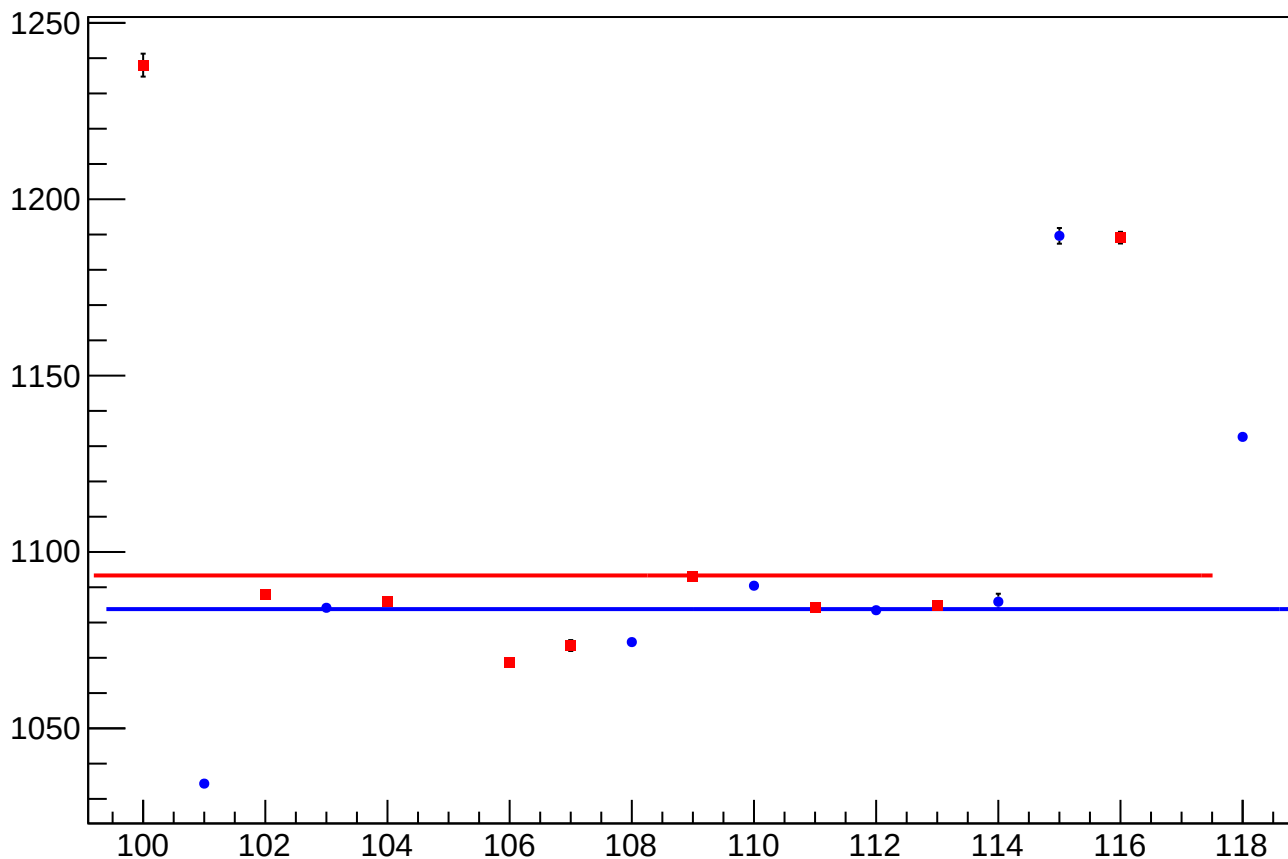
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 714.191 $\pm$ 415.509 χ^2 /NDF: 28.6/16

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

cor_asym_usr_rms vs Slug



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: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

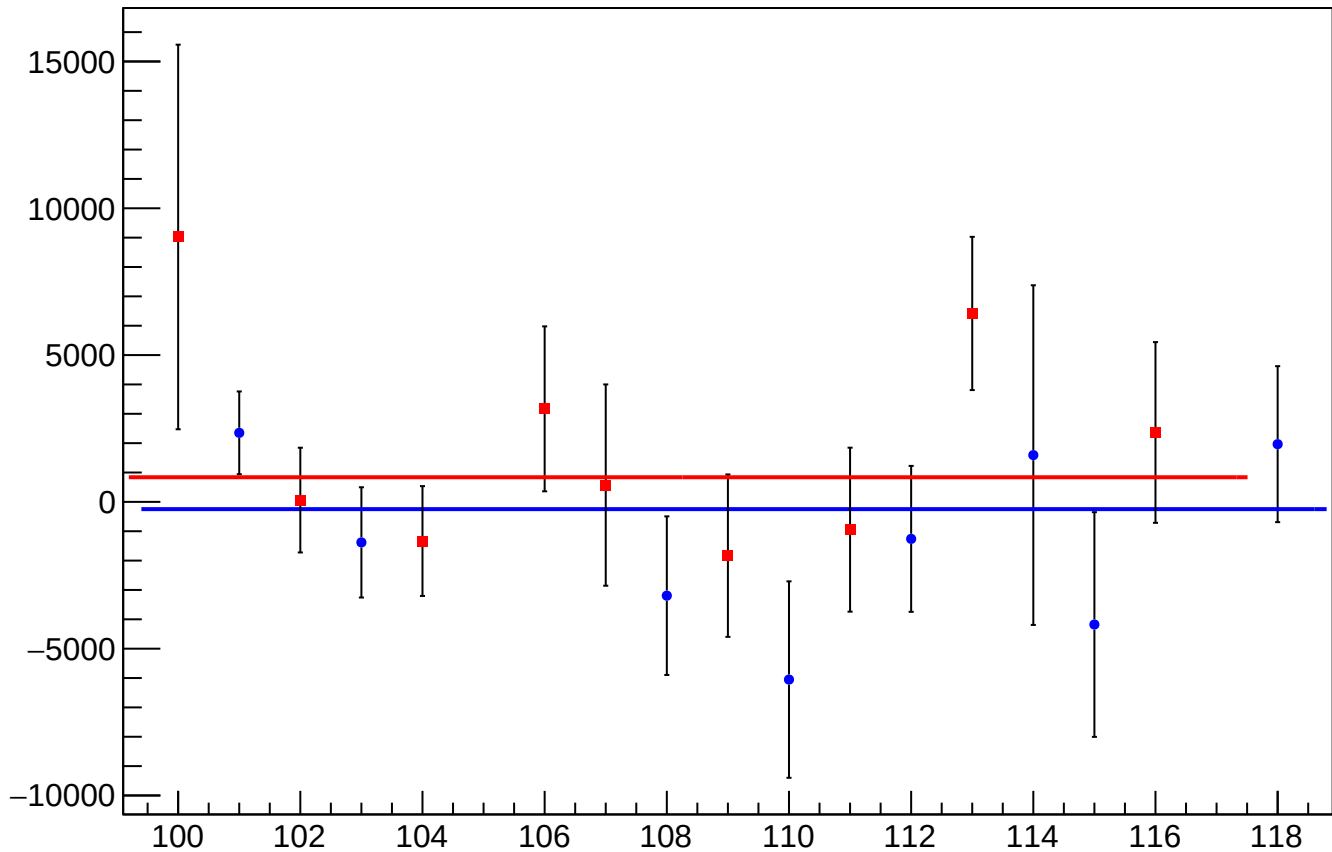
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.676+/-0.294 χ^2/NDF : 13675.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_mean vs Slug



Right In: -247.221 $\pm$ 840.606 χ^2 /NDF: 10.0/7

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

Right Out: 838.739 $\pm$ 861.721 χ^2 /NDF: 10.0/8

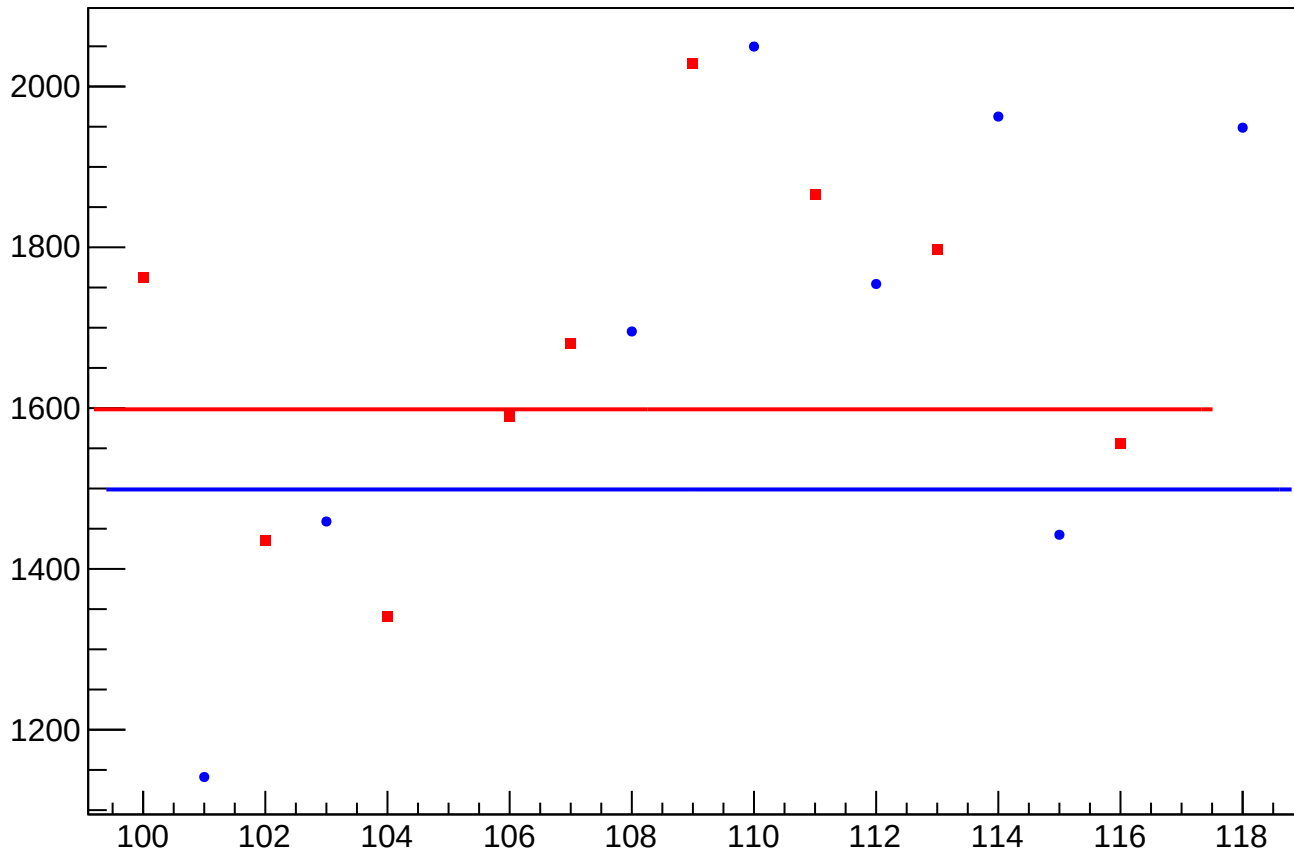
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 282.291 $\pm$ 601.725 χ^2 /NDF: 20.7/16

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

asym_usr_cor_correction_rms vs Slug



Right In: 1498.846 $\pm$ 0.594 χ^2 /NDF: 286252.7/7

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

Right Out: 1598.503 $\pm$ 0.609 χ^2 /NDF: 135435.0/8

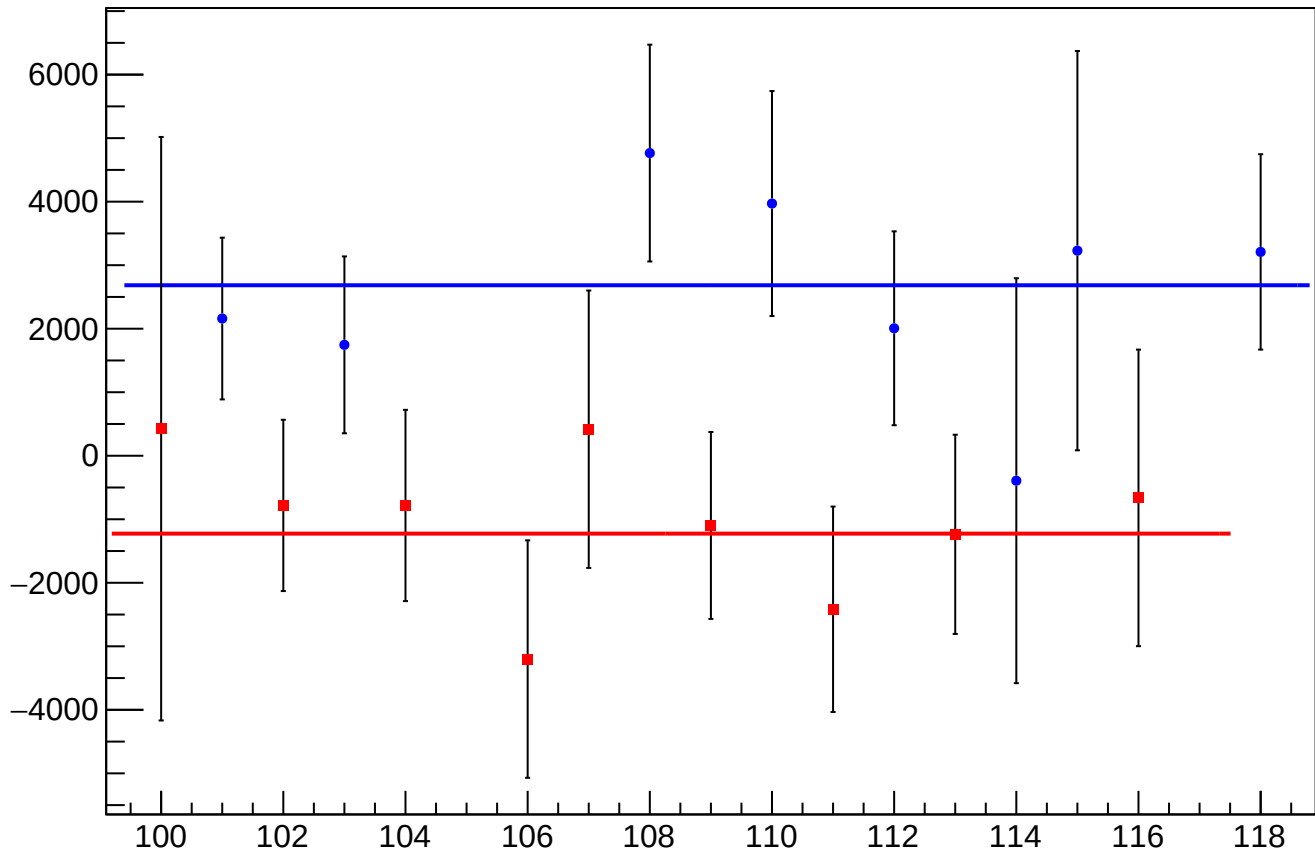
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1547.439 $\pm$ 0.425 χ^2 /NDF: 435394.2/16

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

overload_cor_asym_usr_mean vs Slug



Right In: 2684.121 $\pm$ 592.644 χ^2 /NDF: 3.9/7

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

Right Out: -1225.976 $\pm$ 580.346 χ^2 /NDF: 2.6/8

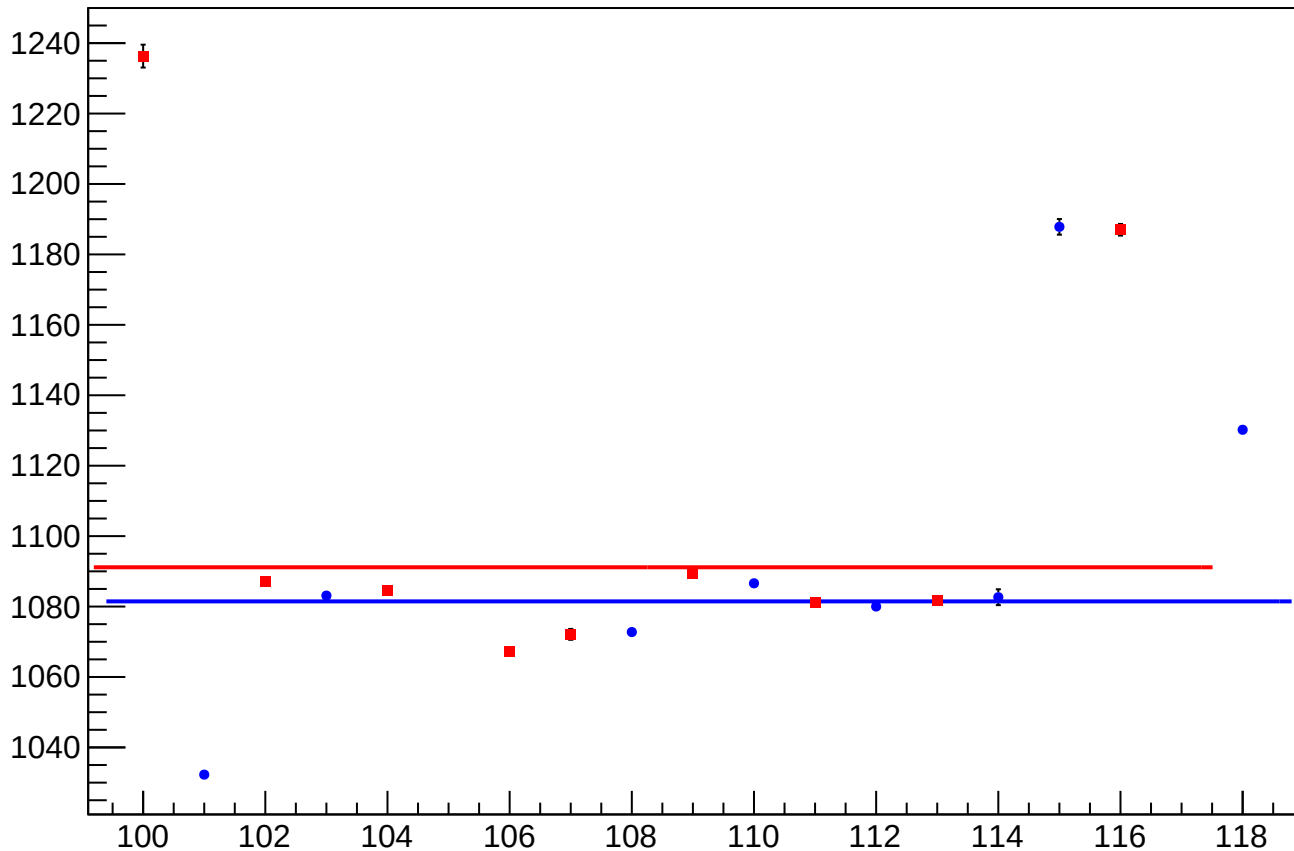
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 688.081 $\pm$ 414.646 χ^2 /NDF: 28.7/16

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

overload_cor_asym_usr_rms vs Slug



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: 1091.156+/-0.410 χ^2/NDF : 6057.4/8

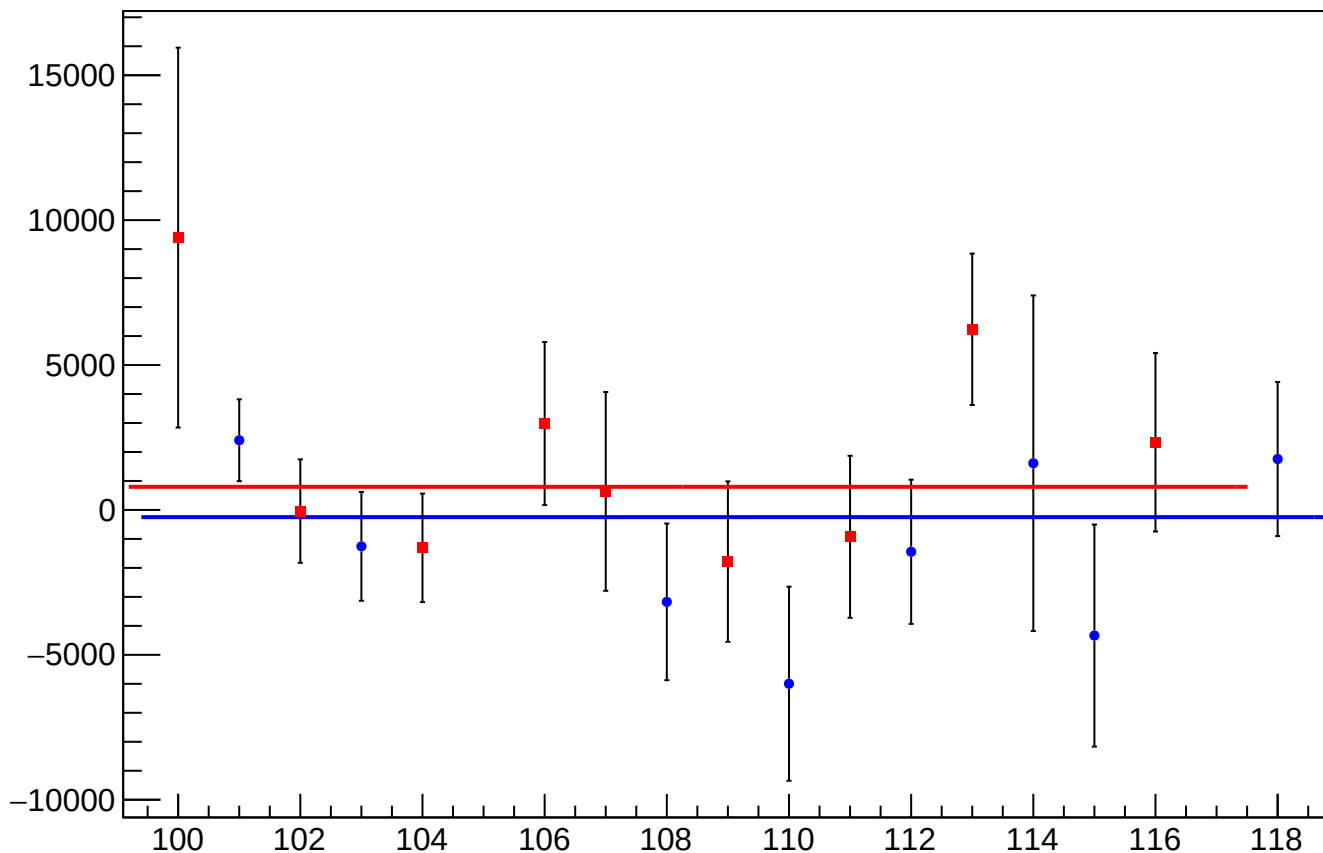
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1086.414+/-0.293 χ^2/NDF : 13689.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



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: 798.259+/-862.394 χ^2/NDF : 9.6/8

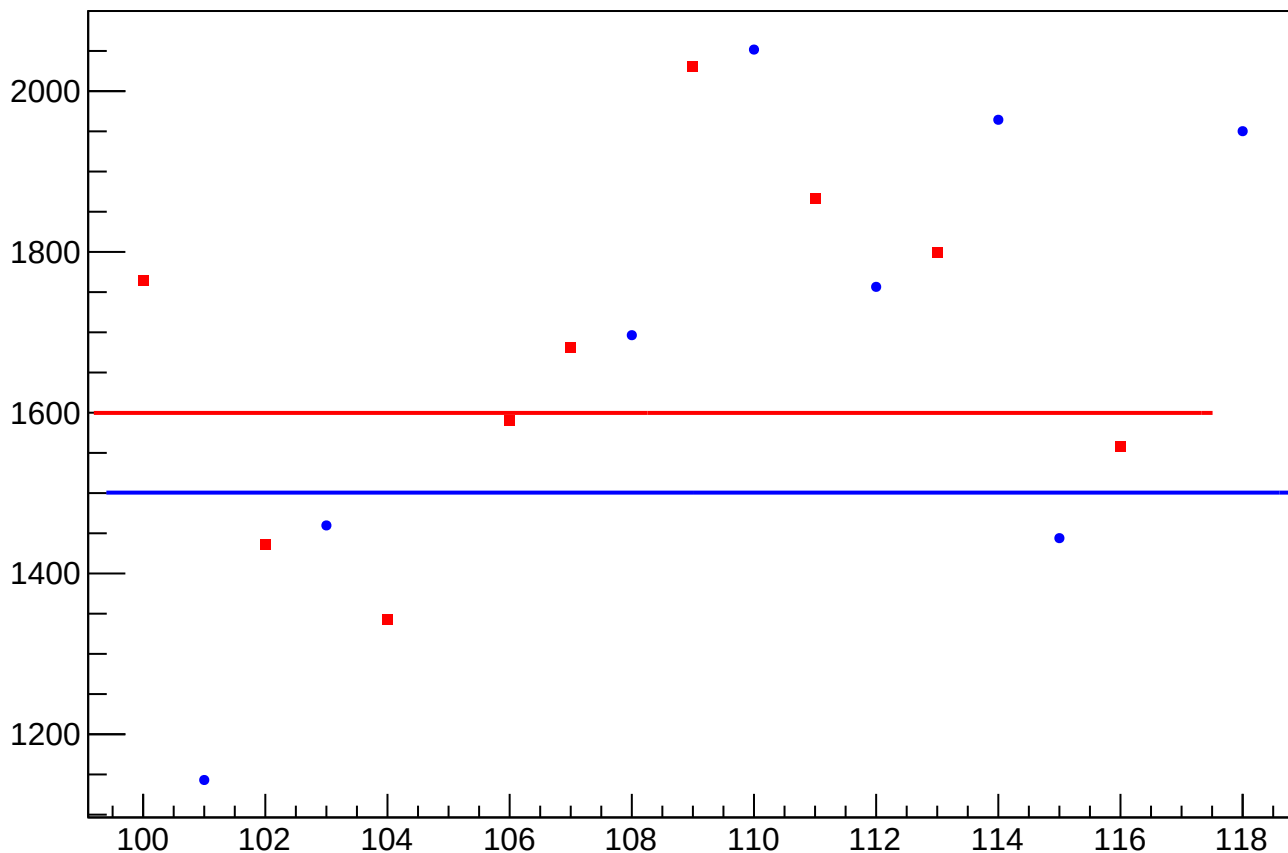
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.211+/-602.294 χ^2/NDF : 20.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1500.603 $\pm$ 0.595 χ^2 /NDF: 285454.1/7

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

Right Out: 1599.741 $\pm$ 0.610 χ^2 /NDF: 135628.2/8

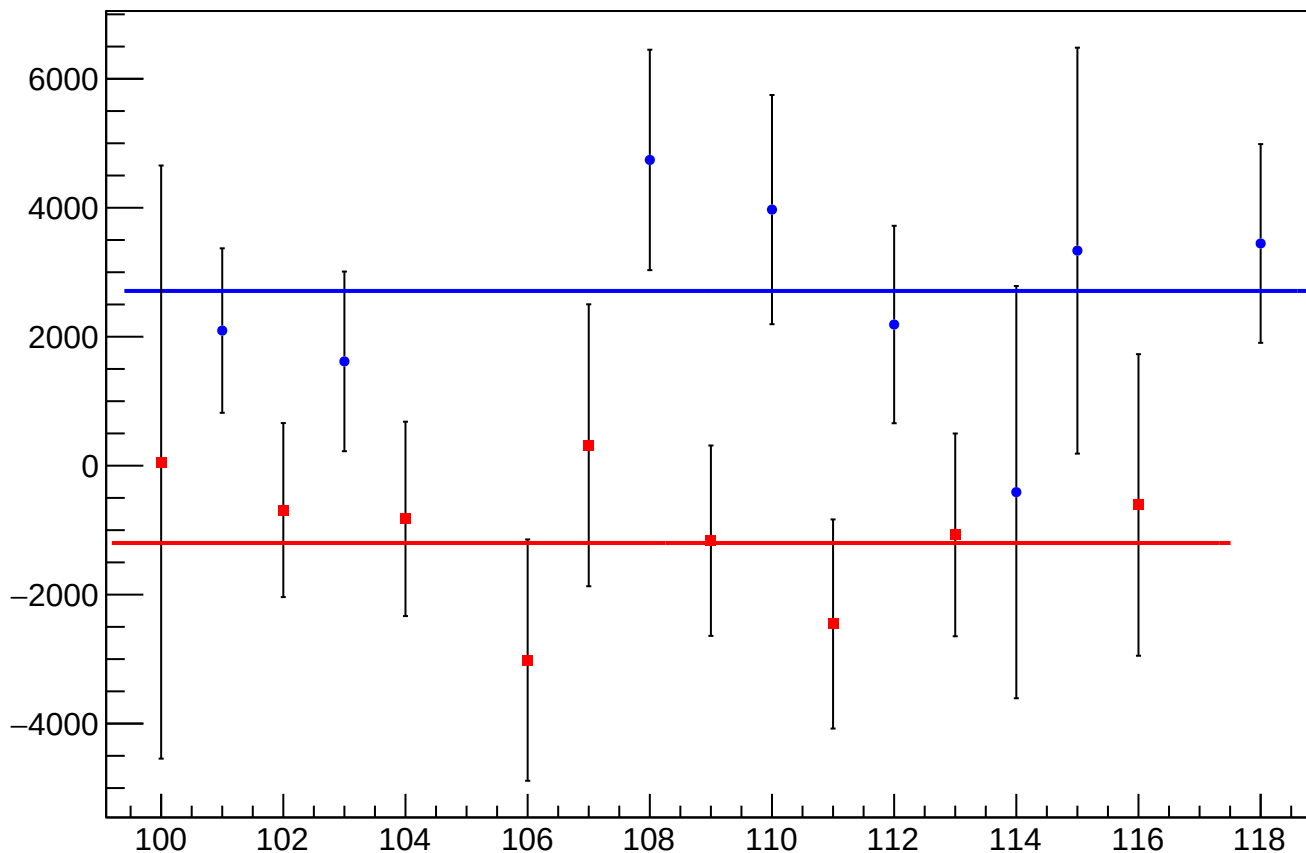
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1548.958 $\pm$ 0.426 χ^2 /NDF: 434620.8/16

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

eigen_cor_asym_usr_mean vs Slug



Right In: 2710.020 $\pm$ 593.924 χ^2 /NDF: 4.1/7

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

Right Out: -1199.078 $\pm$ 581.510 χ^2 /NDF: 2.4/8

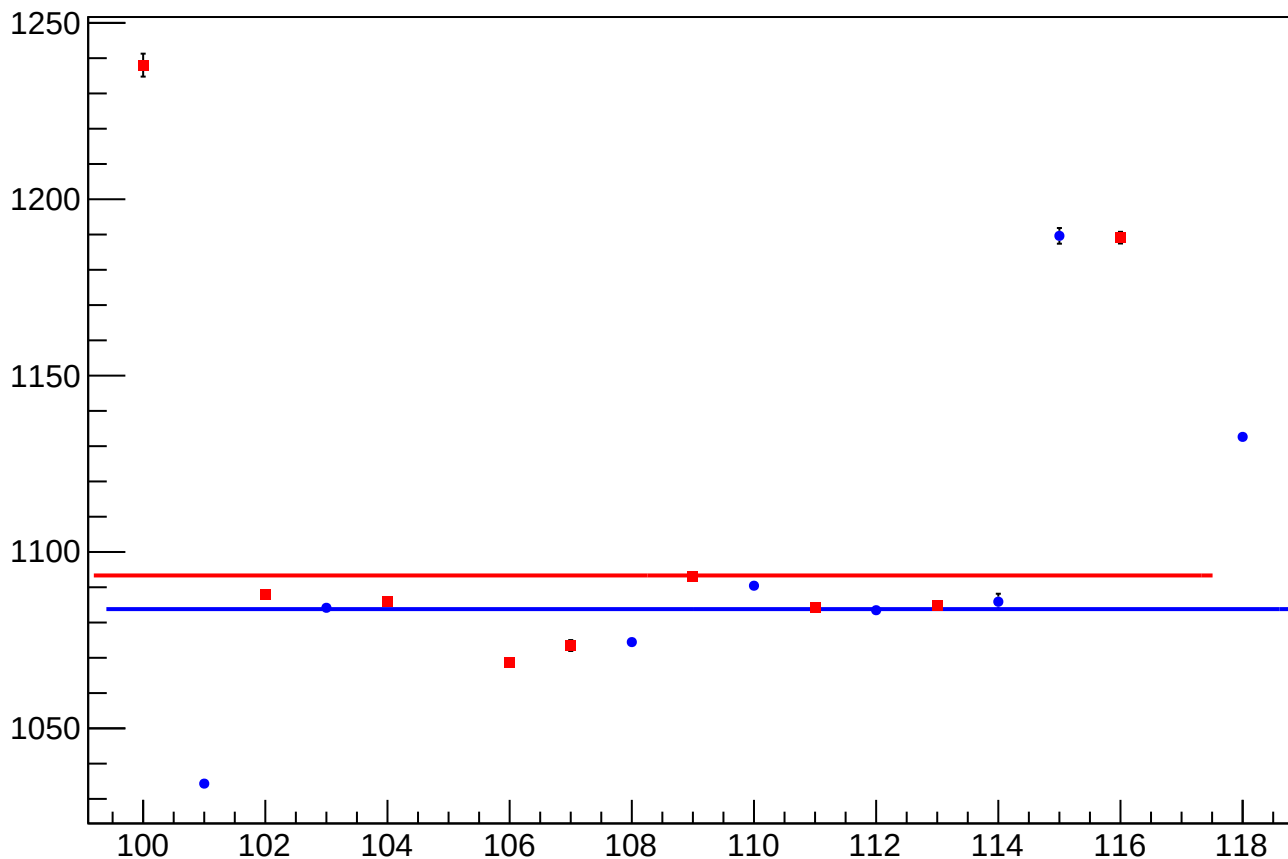
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 714.191 $\pm$ 415.509 χ^2 /NDF: 28.6/16

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

eigen_cor_asym_usr_rms vs Slug



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: 1093.345+/-0.411 χ^2/NDF : 6046.9/8

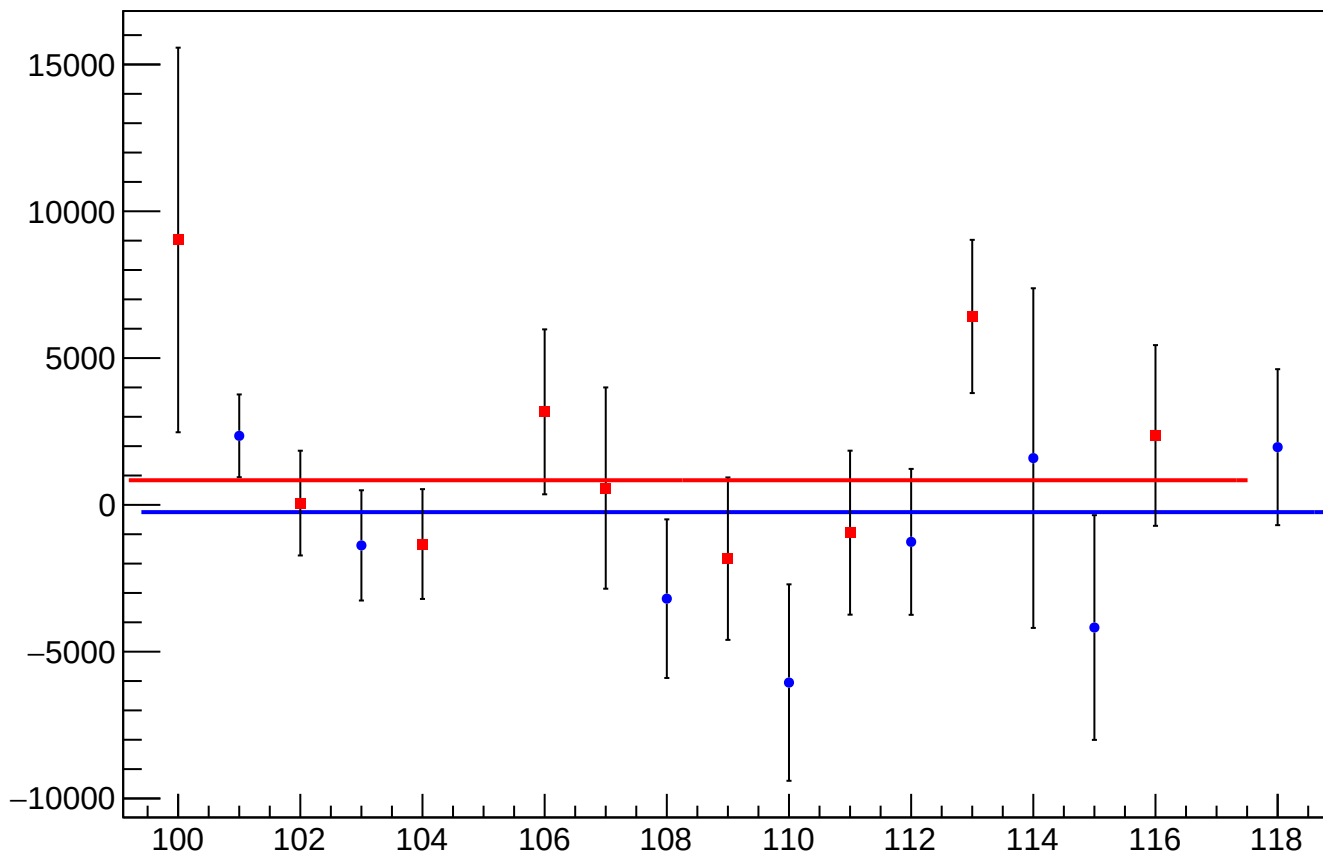
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.676+/-0.294 χ^2/NDF : 13675.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



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: 838.739+/-861.721 χ^2/NDF : 10.0/8

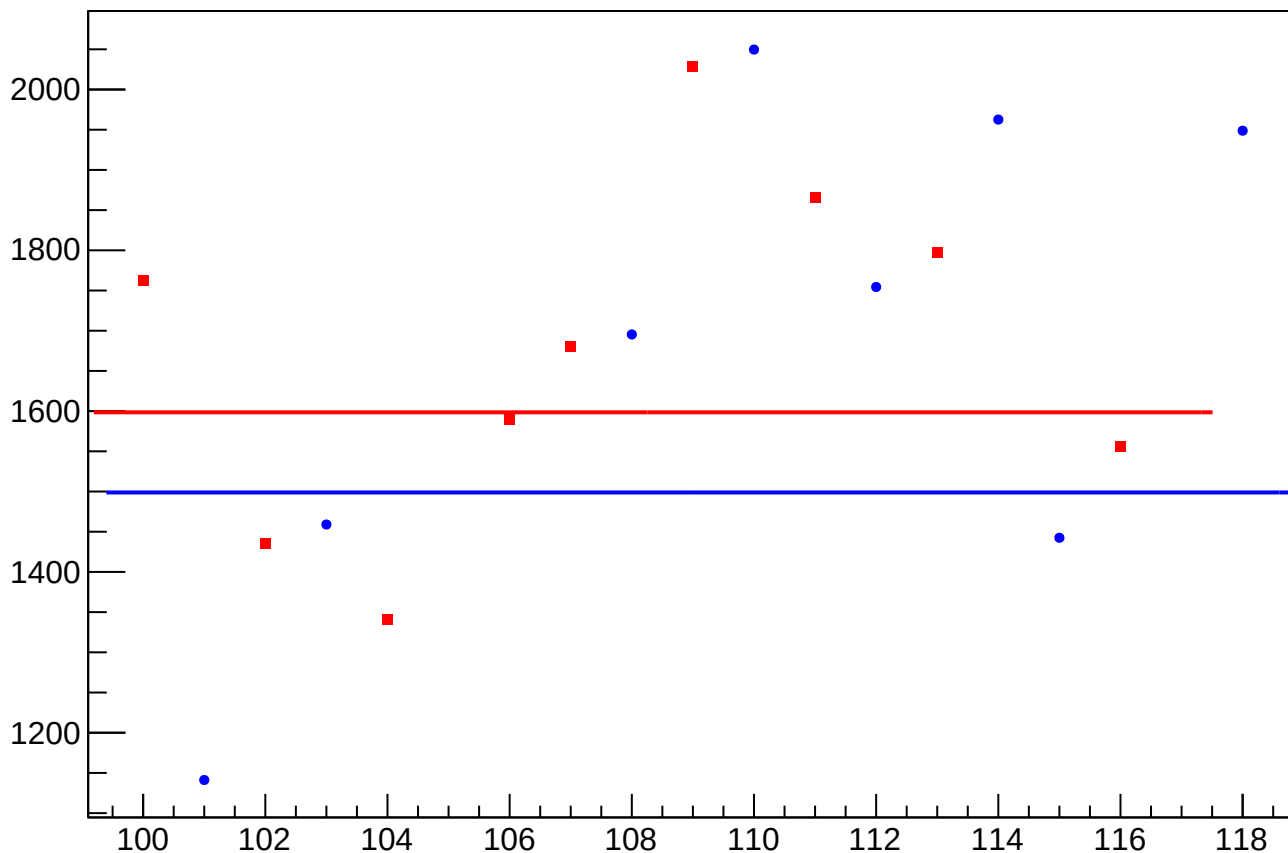
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.291+/-601.725 χ^2/NDF : 20.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_rms vs Slug



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: 1598.503+/-0.609 χ^2/NDF : 135435.0/8

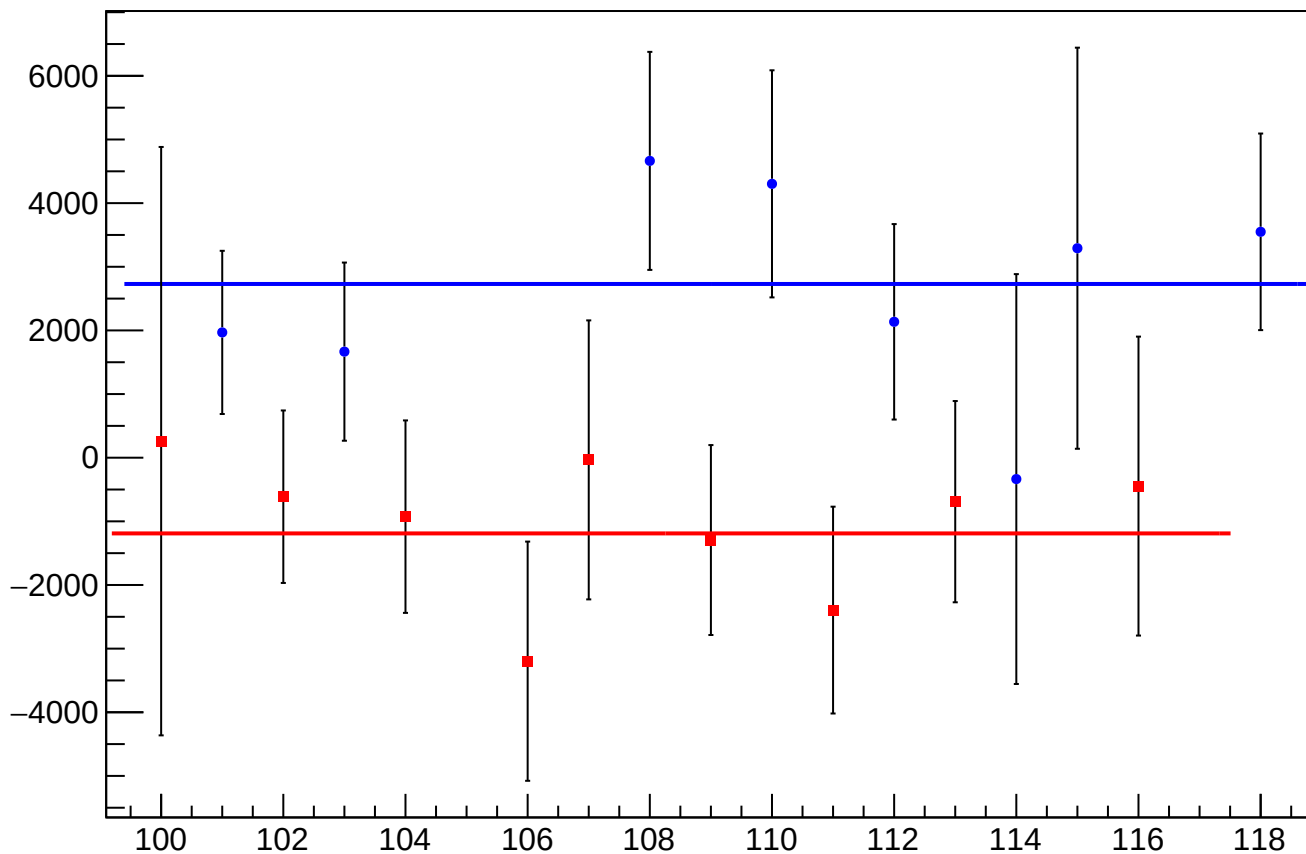
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1547.439+/-0.425 χ^2/NDF : 435394.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2729.757 $\pm$ 596.115 χ^2 /NDF: 4.4/7

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

Right Out: -1189.601 $\pm$ 584.309 χ^2 /NDF: 2.5/8

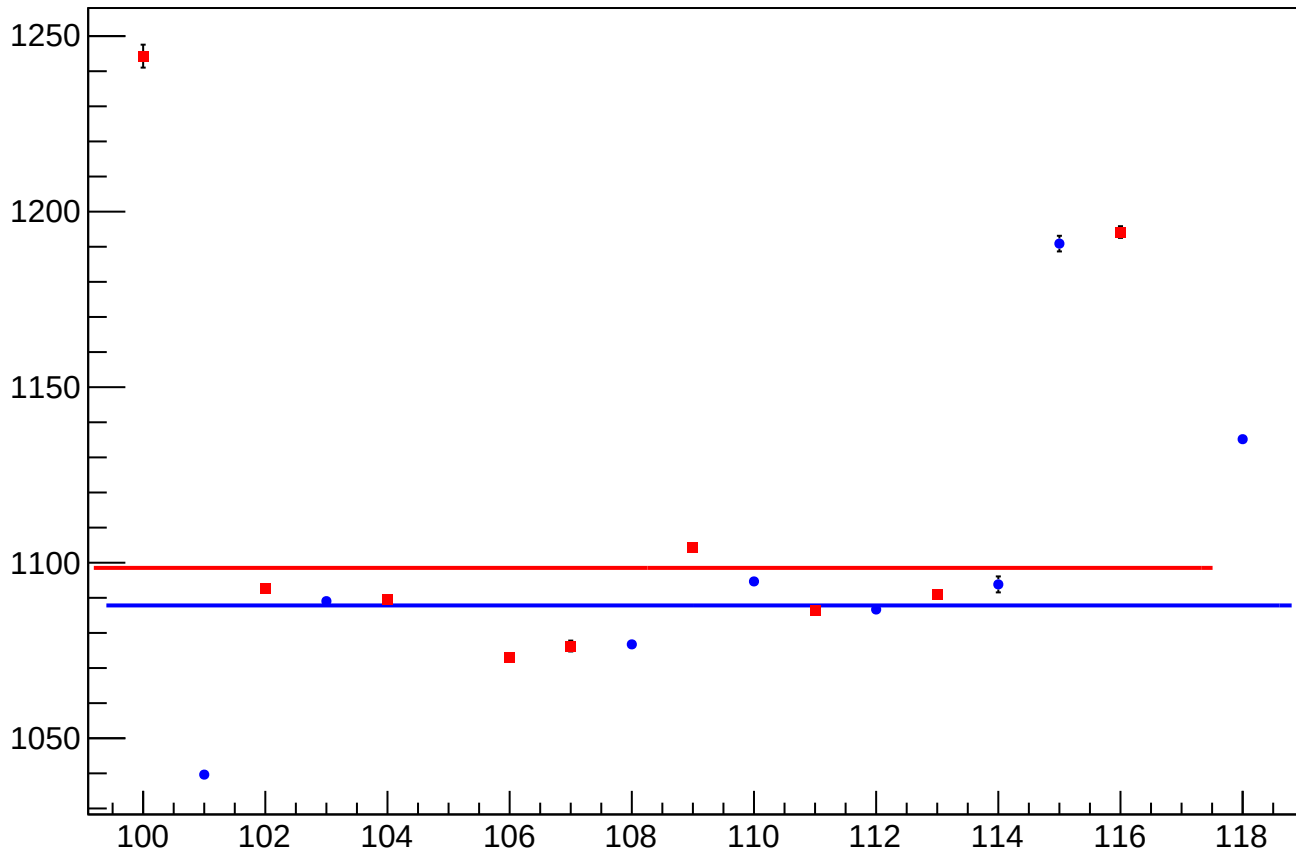
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 730.882 $\pm$ 417.280 χ^2 /NDF: 28.9/16

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

dit_asym_usr_rms vs Slug



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: 1098.526+/-0.413 χ^2/NDF : 6183.3/8

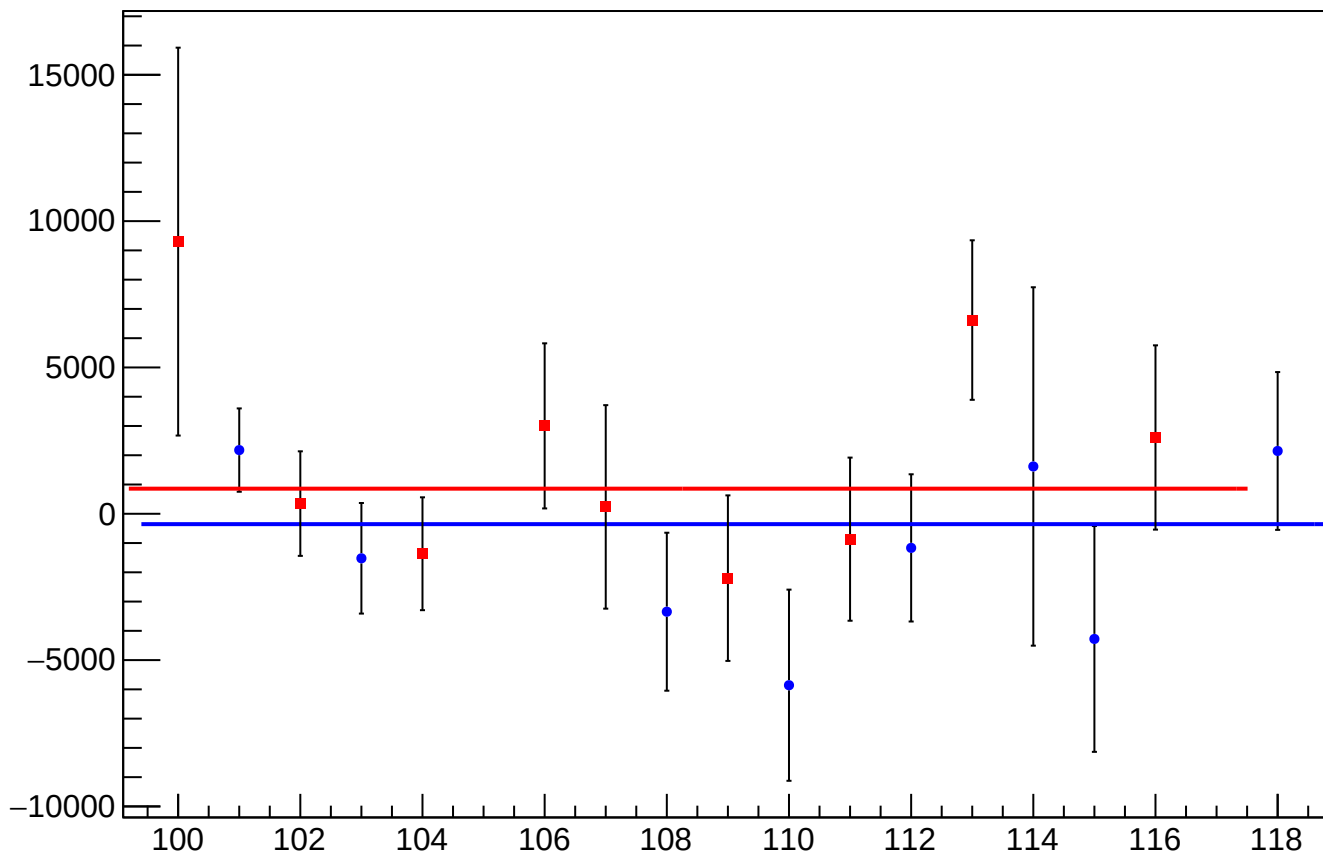
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.285+/-0.295 χ^2/NDF : 13479.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_mean vs Slug



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: 858.107+/-876.173 χ^2/NDF : 10.0/8

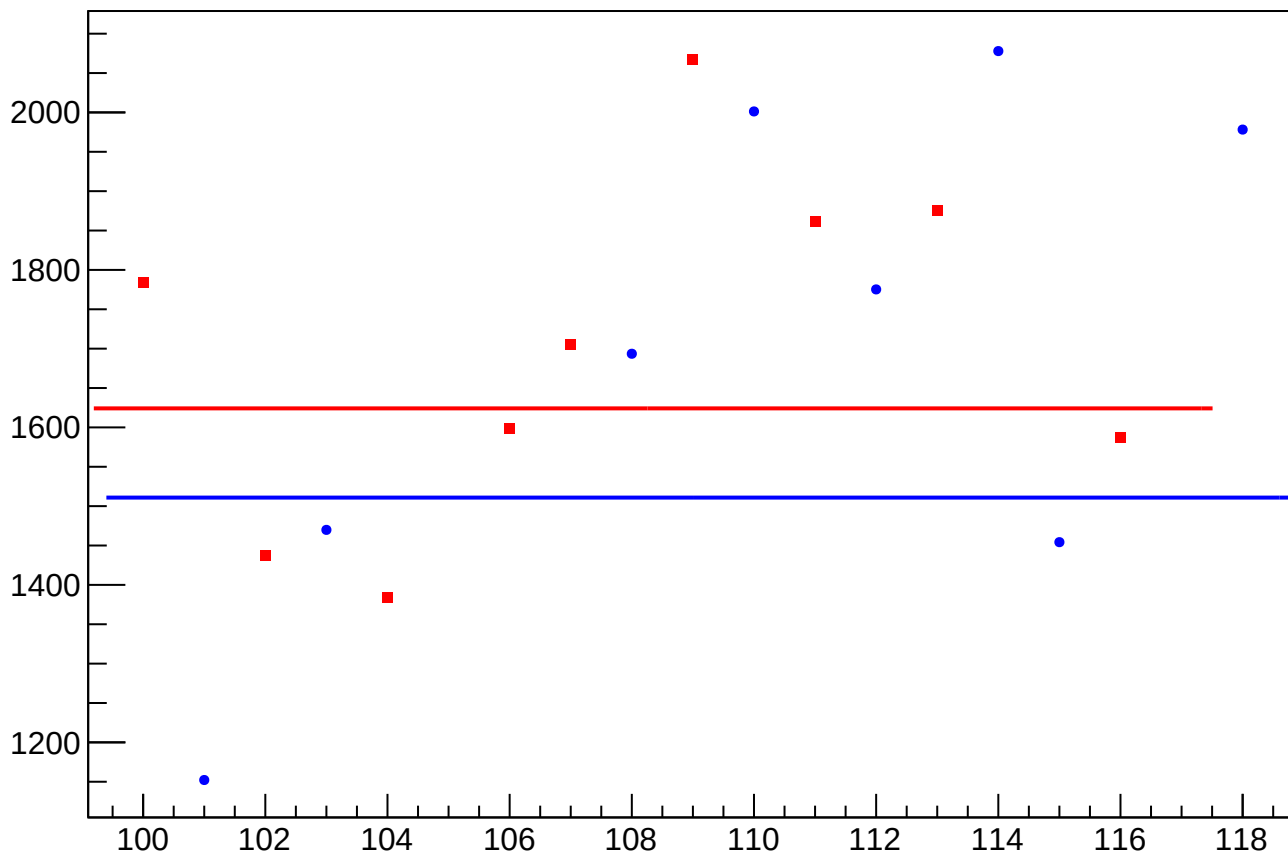
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.337+/-608.968 χ^2/NDF : 20.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_correction_rms vs Slug



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: 1624.149+/-0.620 χ^2/NDF : 136215.7/8

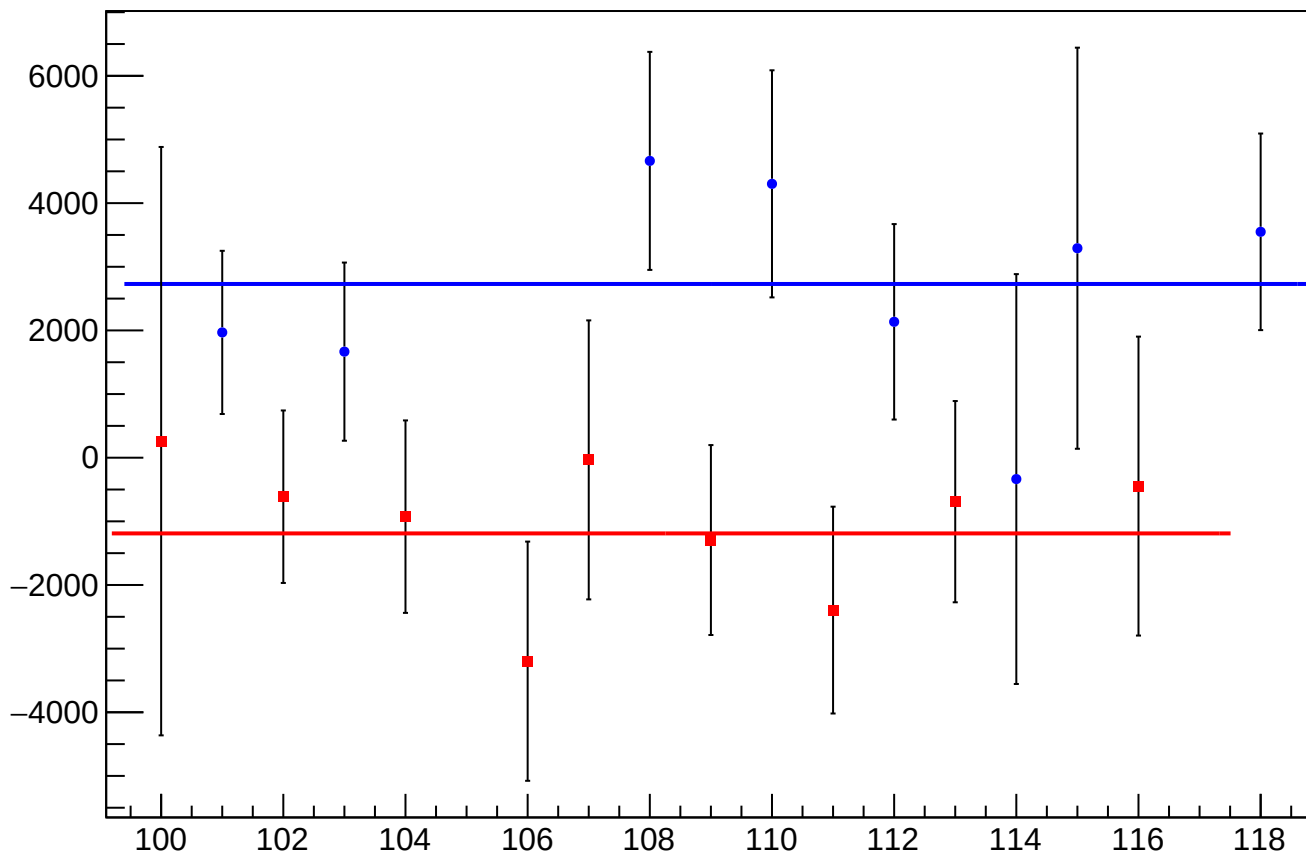
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.585+/-0.431 χ^2/NDF : 435381.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2729.760 $\pm$ 596.115 χ^2 /NDF: 4.4/7

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

Right Out: -1189.604 $\pm$ 584.309 χ^2 /NDF: 2.5/8

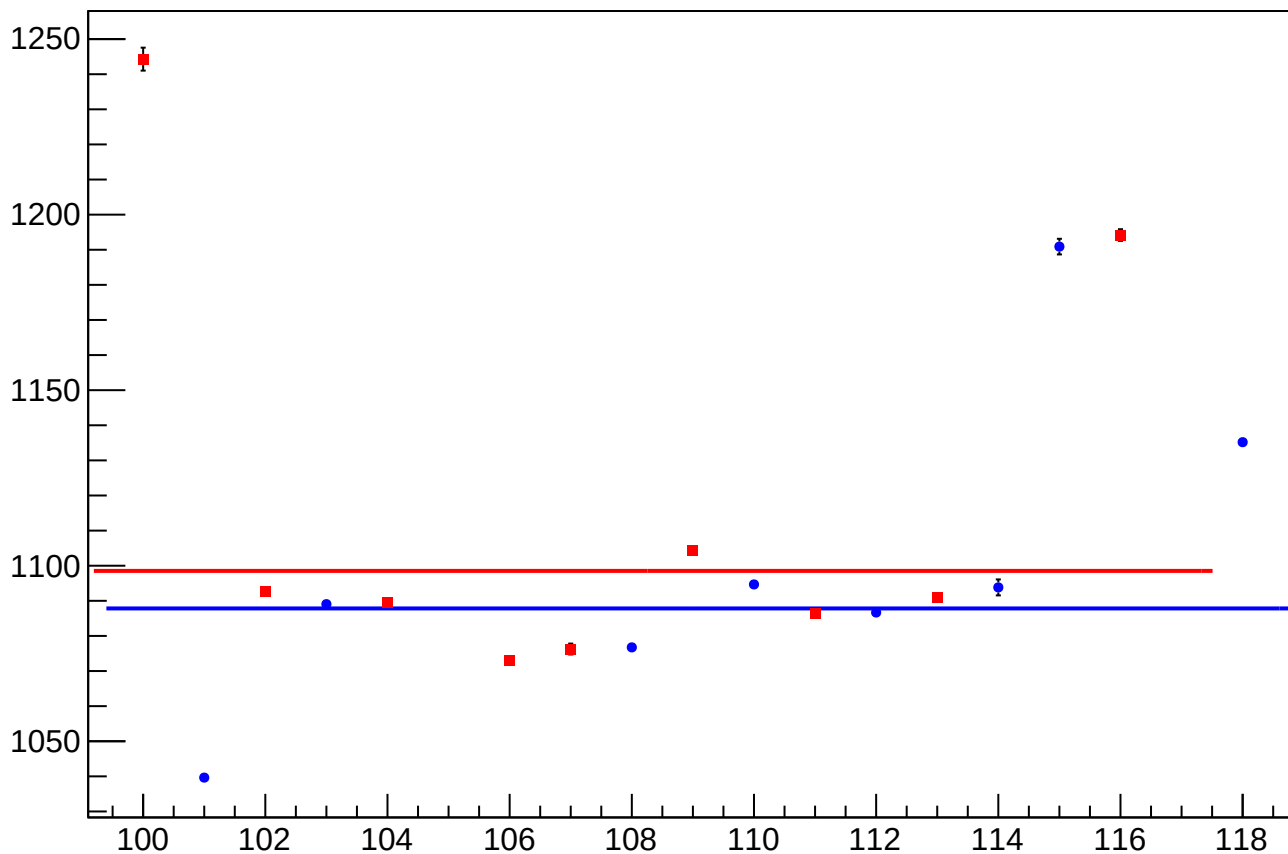
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 730.881 $\pm$ 417.280 χ^2 /NDF: 28.9/16

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

eigen_dit_asym_usr_rms vs Slug



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: 1098.526+/-0.413 χ^2/NDF : 6183.3/8

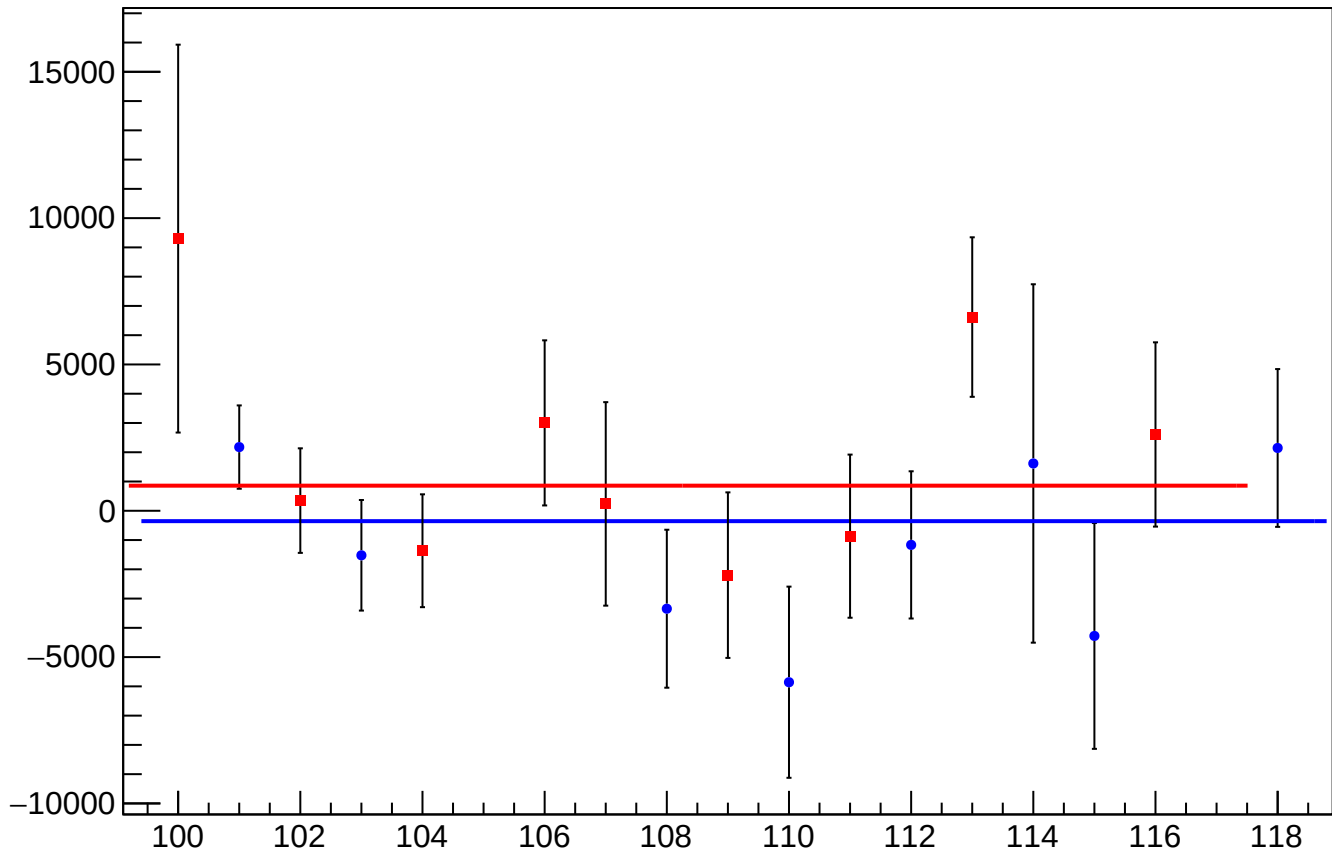
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.285+/-0.295 χ^2/NDF : 13479.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



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: 858.114+/-876.173 χ^2/NDF : 10.0/8

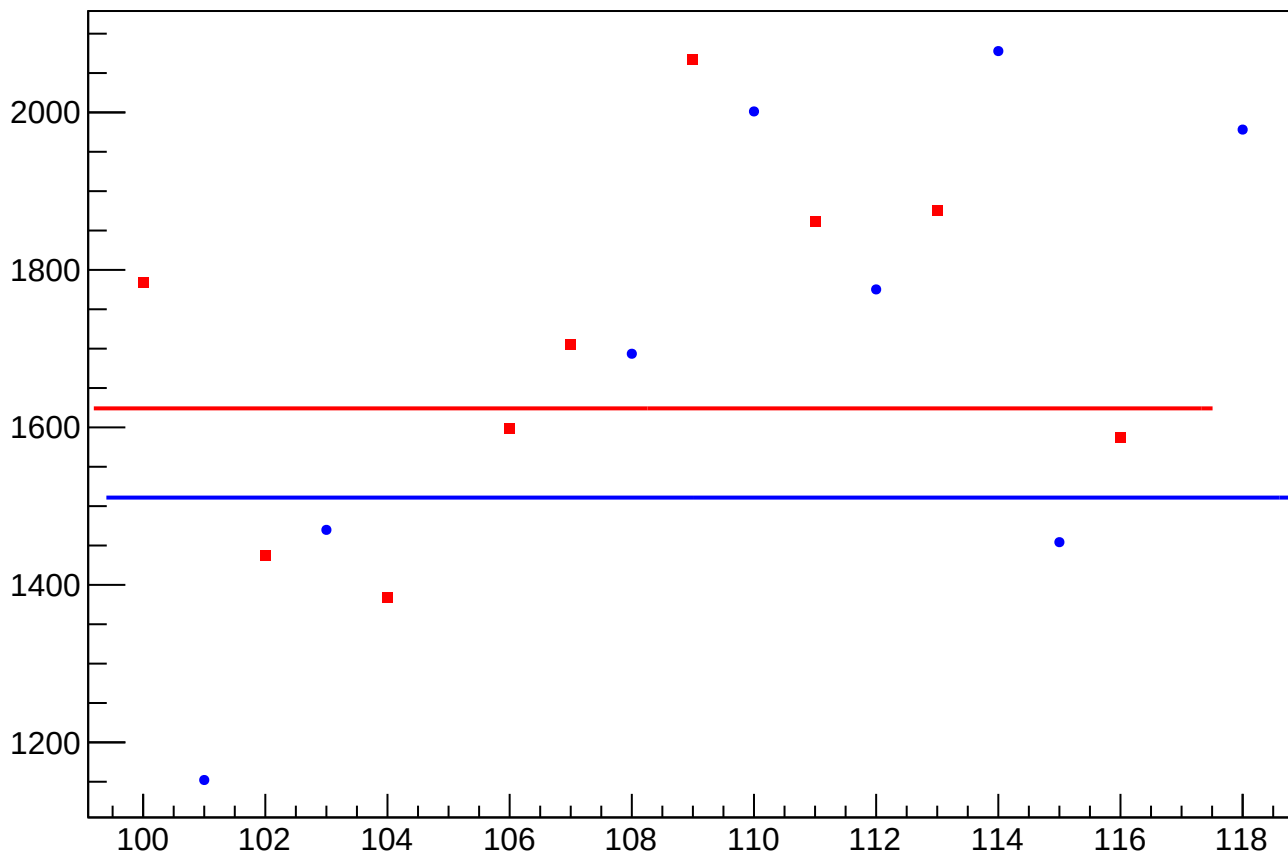
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.339+/-608.967 χ^2/NDF : 20.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_rms vs Slug



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: 1624.149+/-0.620 χ^2/NDF : 136210.8/8

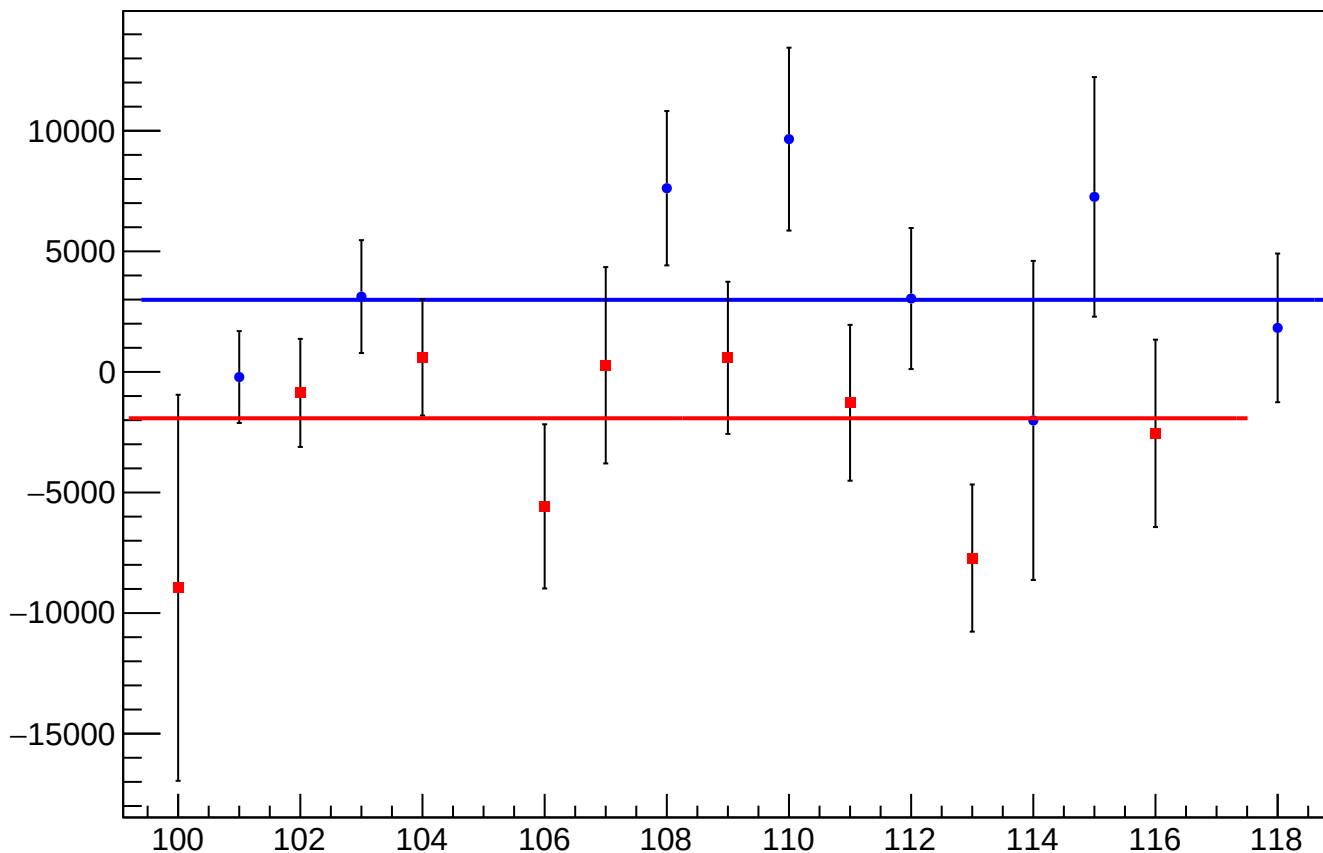
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1565.584+/-0.431 χ^2/NDF : 435372.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_mean vs Slug



Right In: 2989.755 $\pm$ 1047.832 χ^2 /NDF: 9.5/7

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

Right Out: -1921.809 $\pm$ 1052.257 χ^2 /NDF: 7.8/8

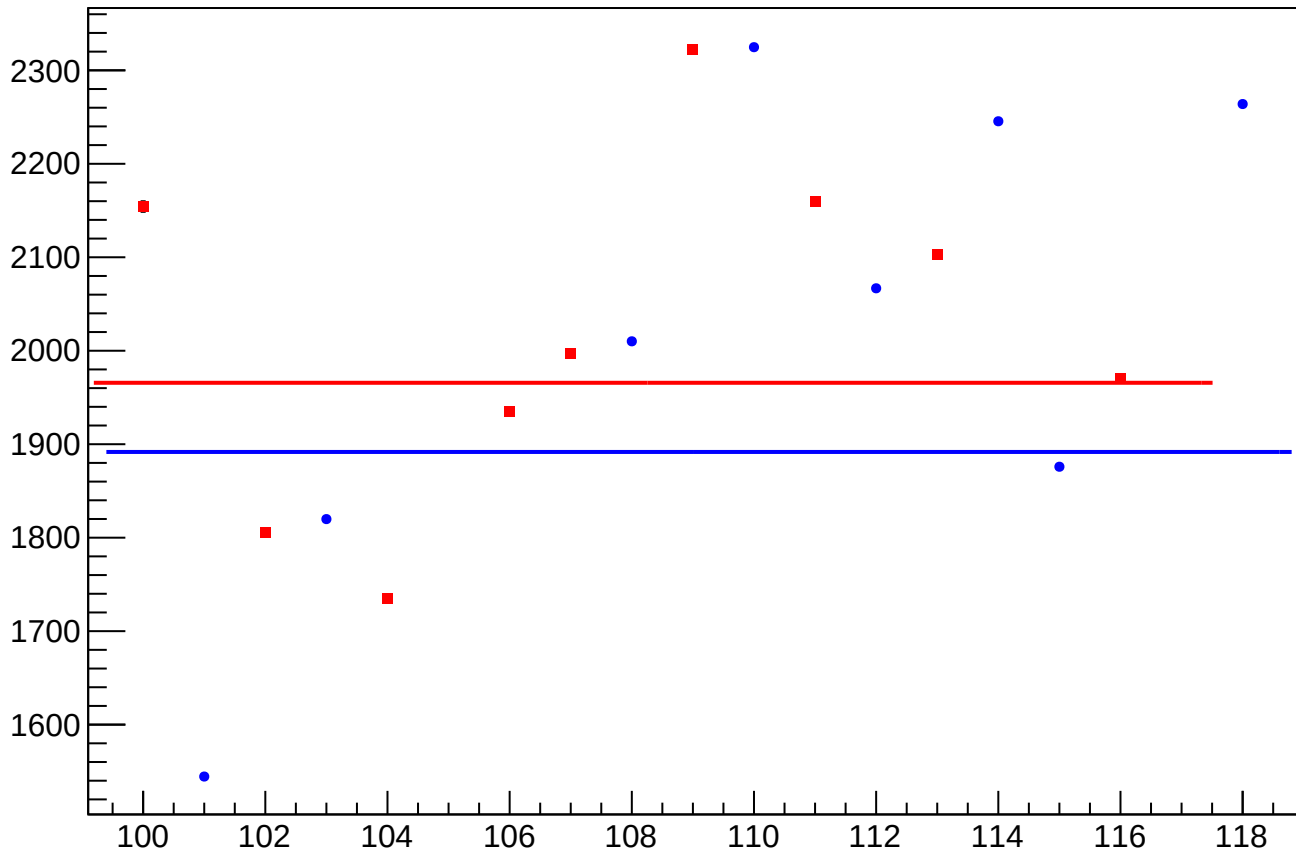
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 544.323 $\pm$ 742.488 χ^2 /NDF: 28.2/16

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

asym_usr_rms vs Slug



Right In: 1891.717 $\pm$ 0.741 χ^2 /NDF: 139214.5/7

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

Right Out: 1965.716 $\pm$ 0.744 χ^2 /NDF: 66642.2/8

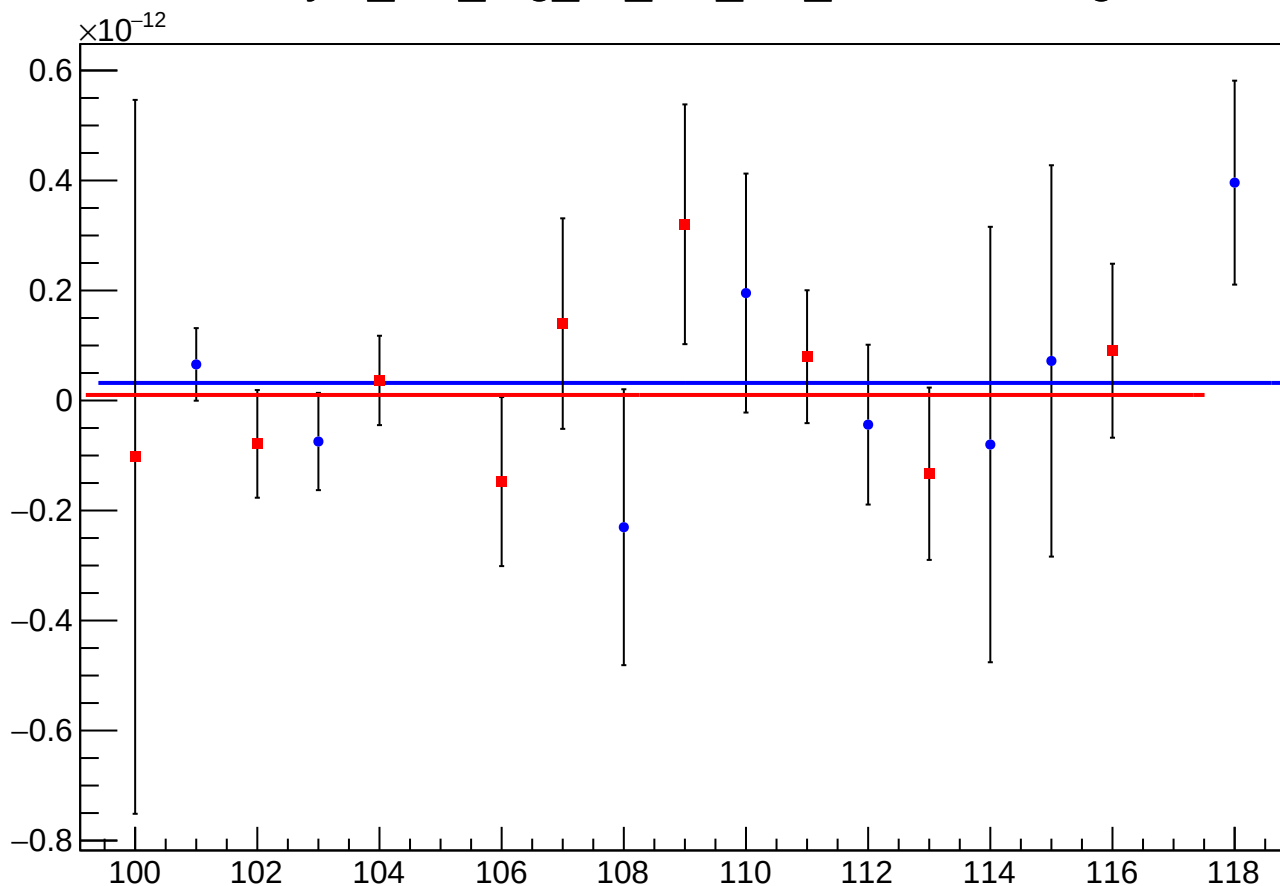
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1928.561 $\pm$ 0.525 χ^2 /NDF: 210823.1/16

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

asym_usr_reg_vs_cor_diff_mean vs Slug



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 : 5.9/8

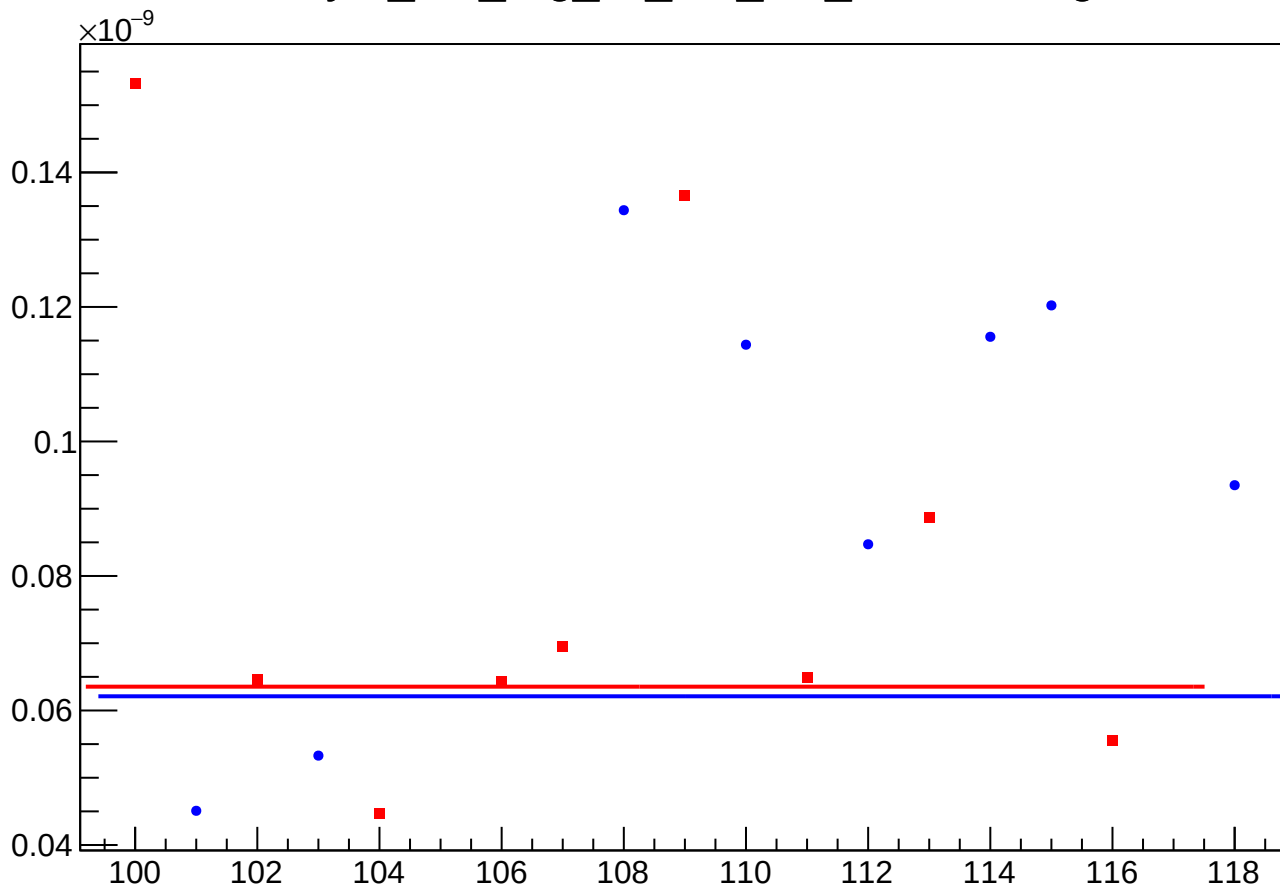
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 13.6/16

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

asym_usr_reg_vs_cor_diff_rms vs Slug



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 : 429062.5/8

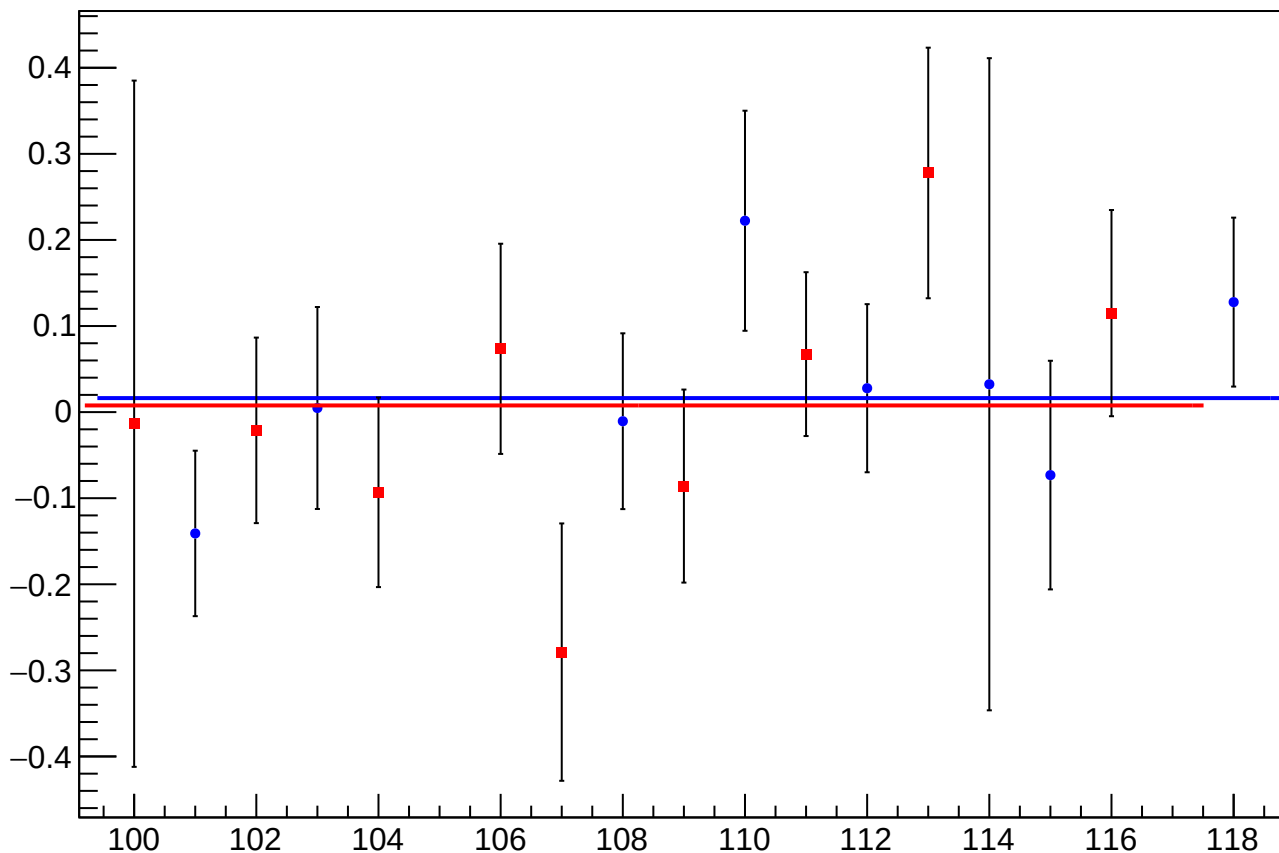
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1060724.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.041 χ^2/NDF : 10.2/8

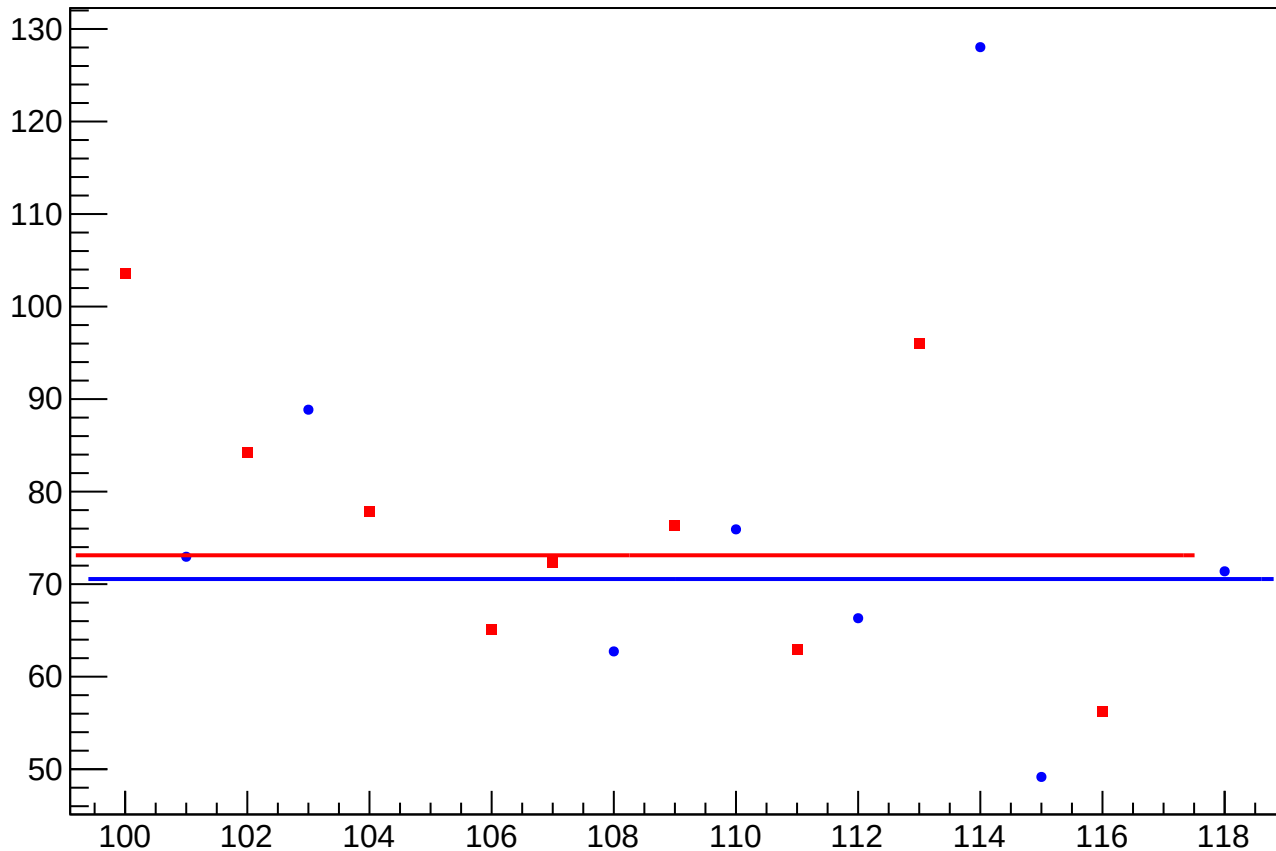
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.012 $\pm$ 0.029 χ^2/NDF : 17.3/16

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

asym_usr_dit_vs_cor_diff_rms vs Slug



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: 73.119+/-0.029 χ^2/NDF : 159182.5/8

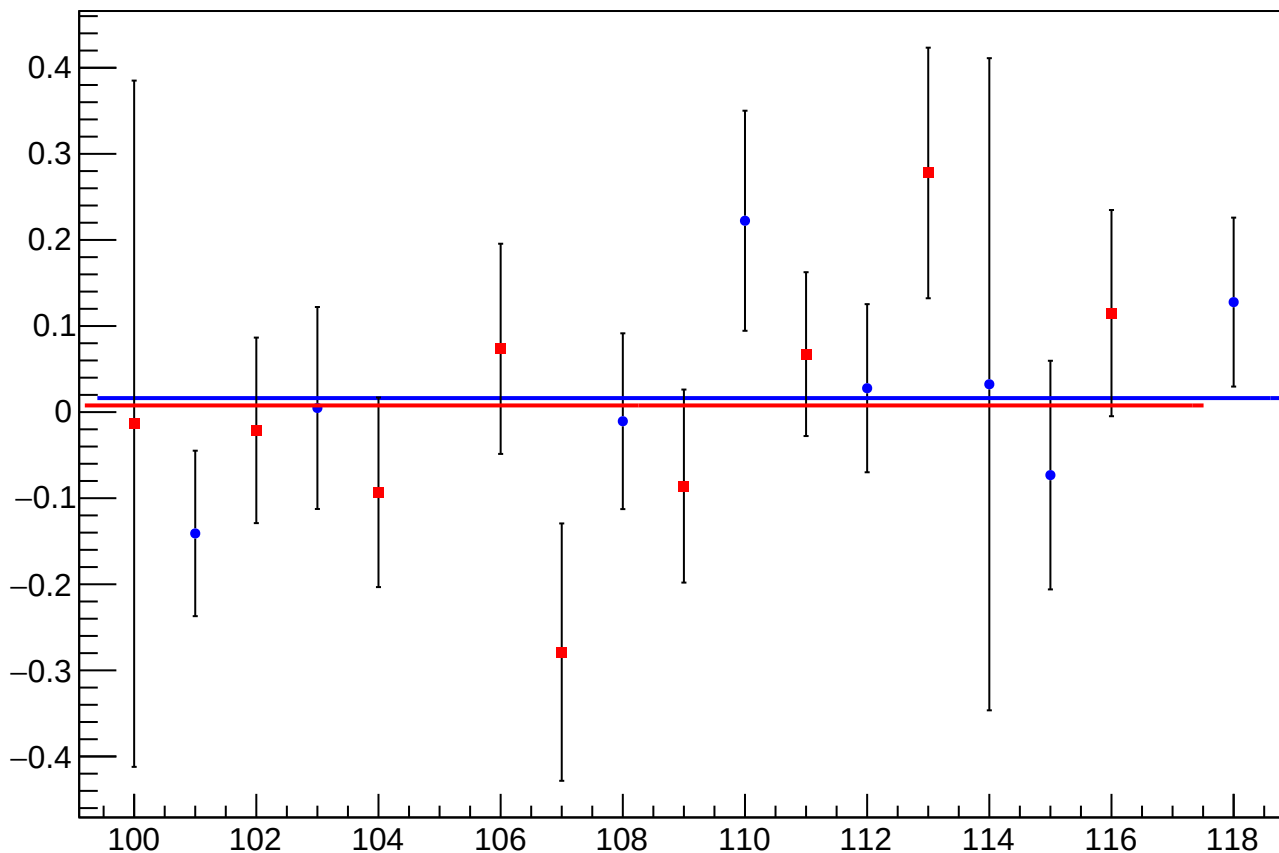
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.817+/-0.020 χ^2/NDF : 330197.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.041 χ^2 /NDF: 10.2/8

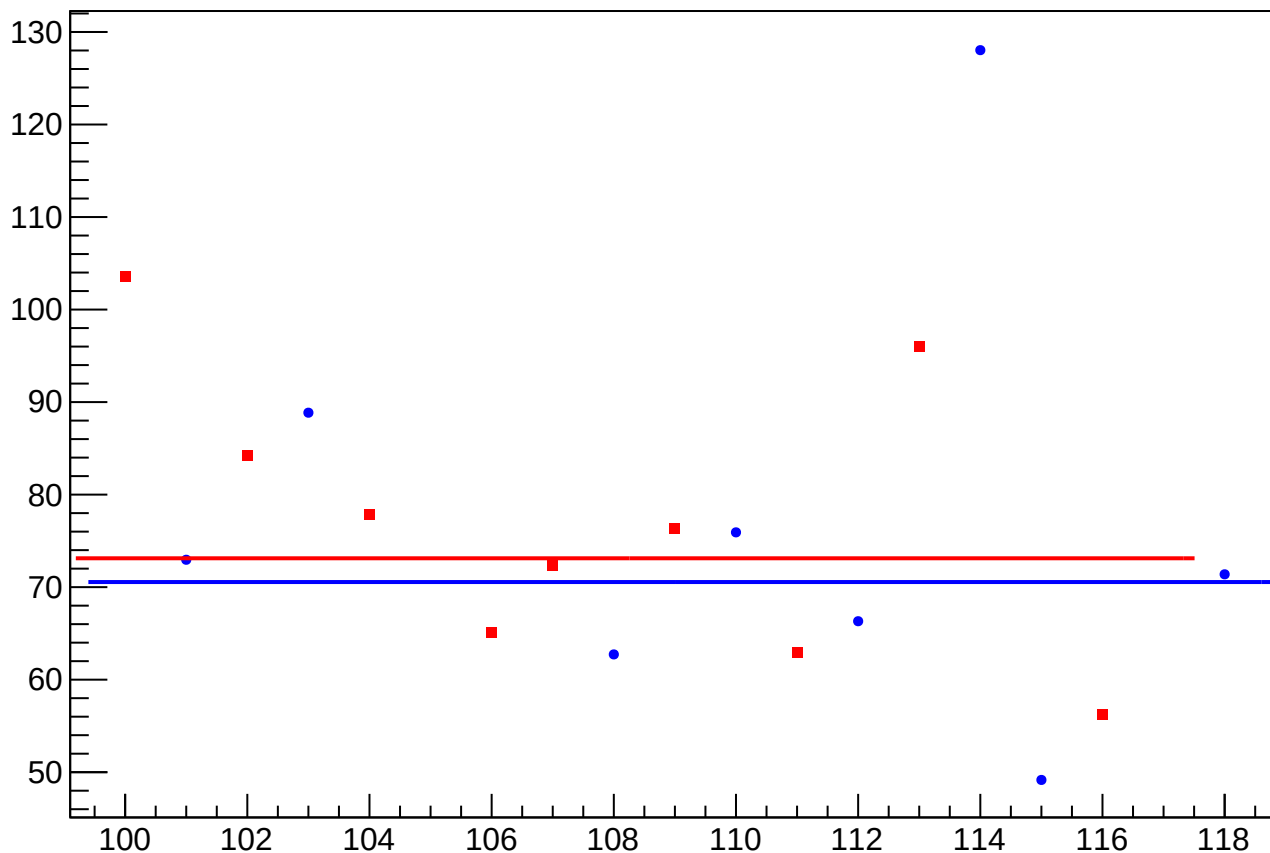
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.012 $\pm$ 0.029 χ^2 /NDF: 17.3/16

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

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



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: 73.119+/-0.029 χ^2/NDF : 159182.5/8

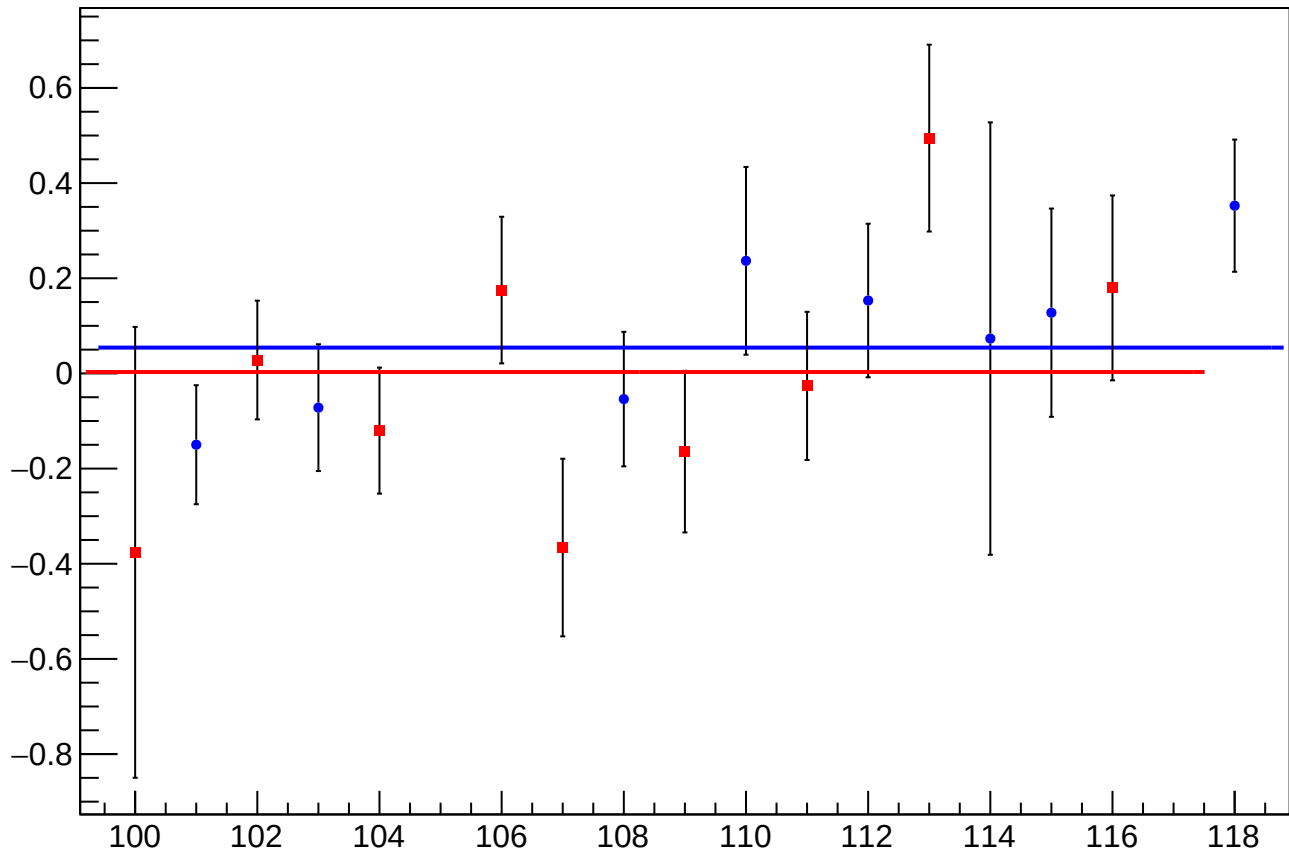
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.817+/-0.020 χ^2/NDF : 330197.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.054 $\pm$ 0.057 χ^2 /NDF: 10.1/7

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

Right Out: 0.003 $\pm$ 0.055 χ^2 /NDF: 14.8/8

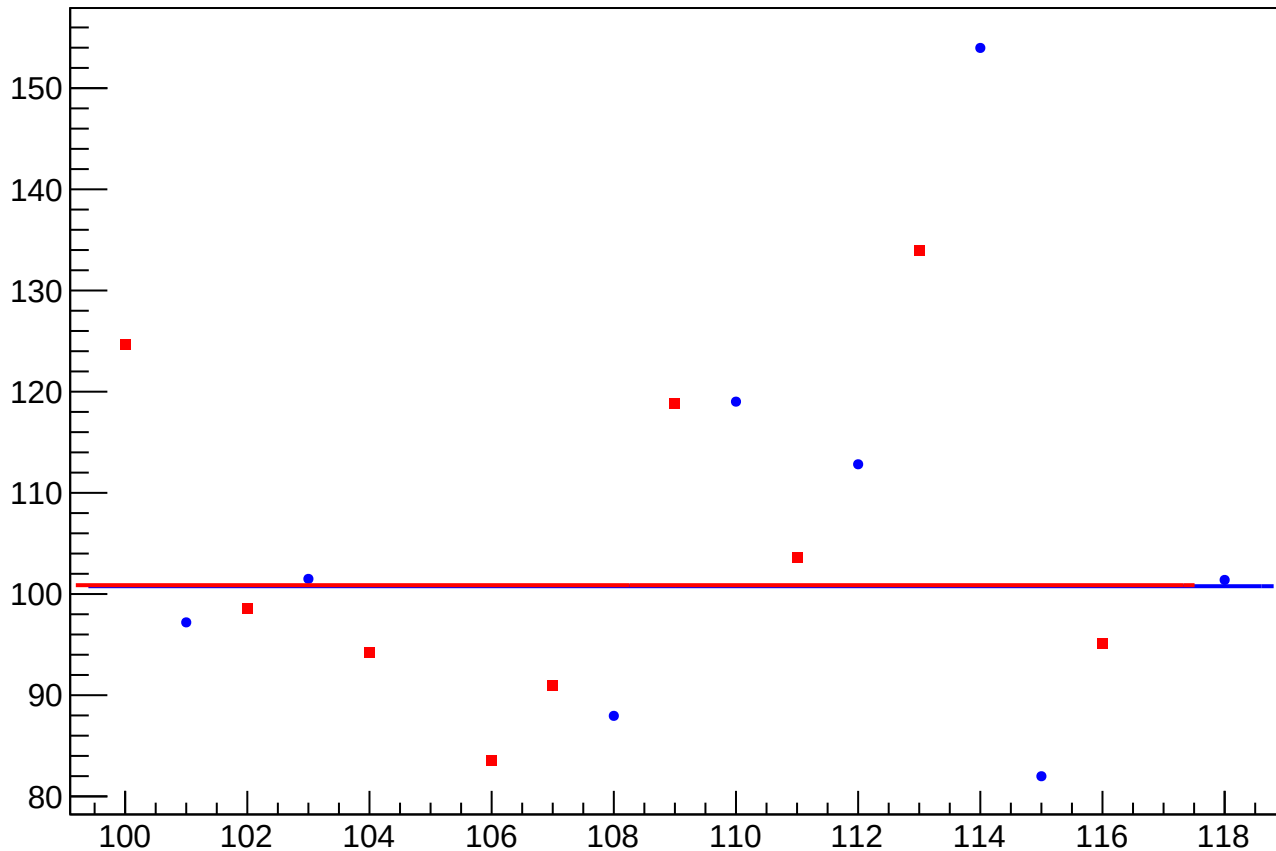
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.028 $\pm$ 0.040 χ^2 /NDF: 25.3/16

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



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: 100.874+/-0.039 χ^2/NDF : 123524.7/8

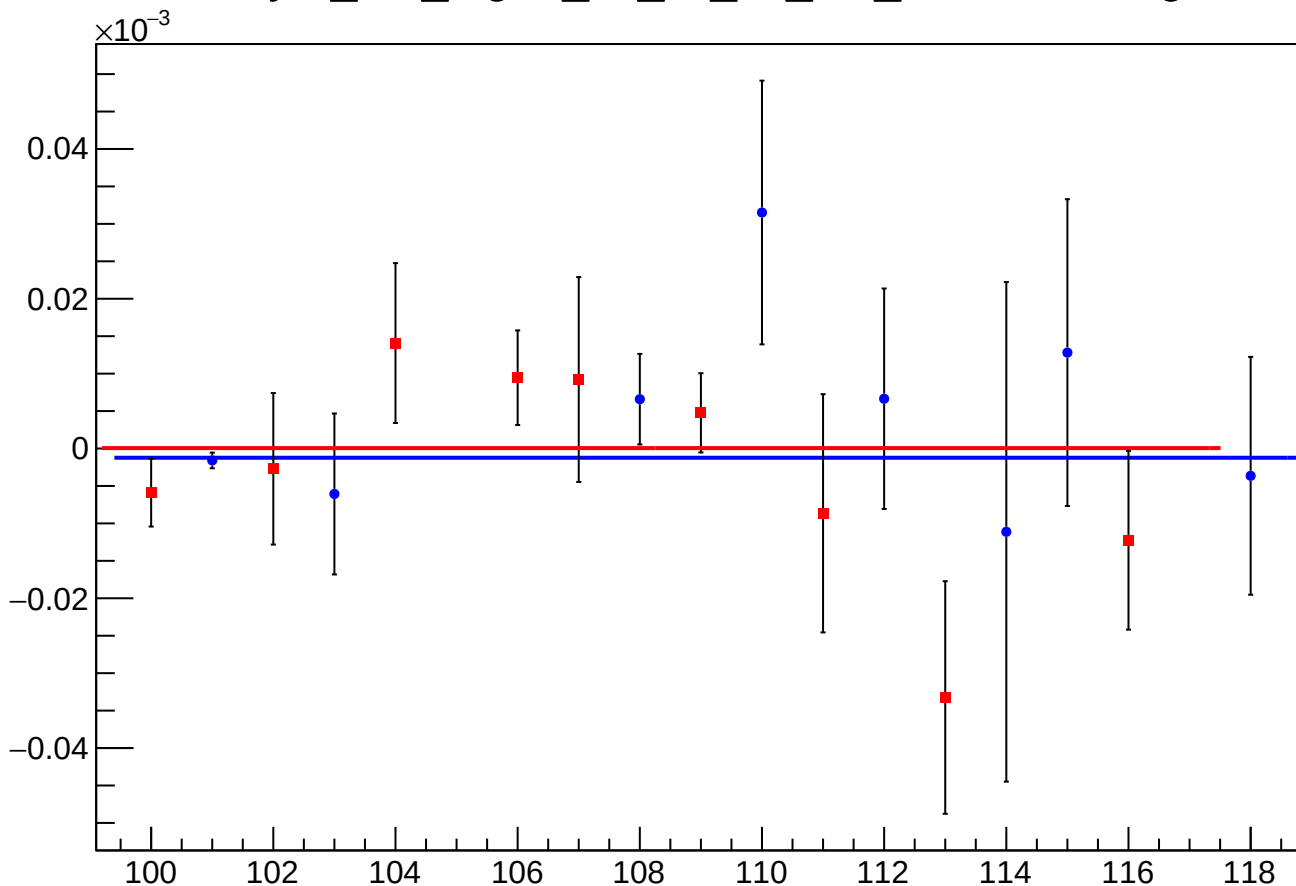
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.824+/-0.028 χ^2/NDF : 212092.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/8

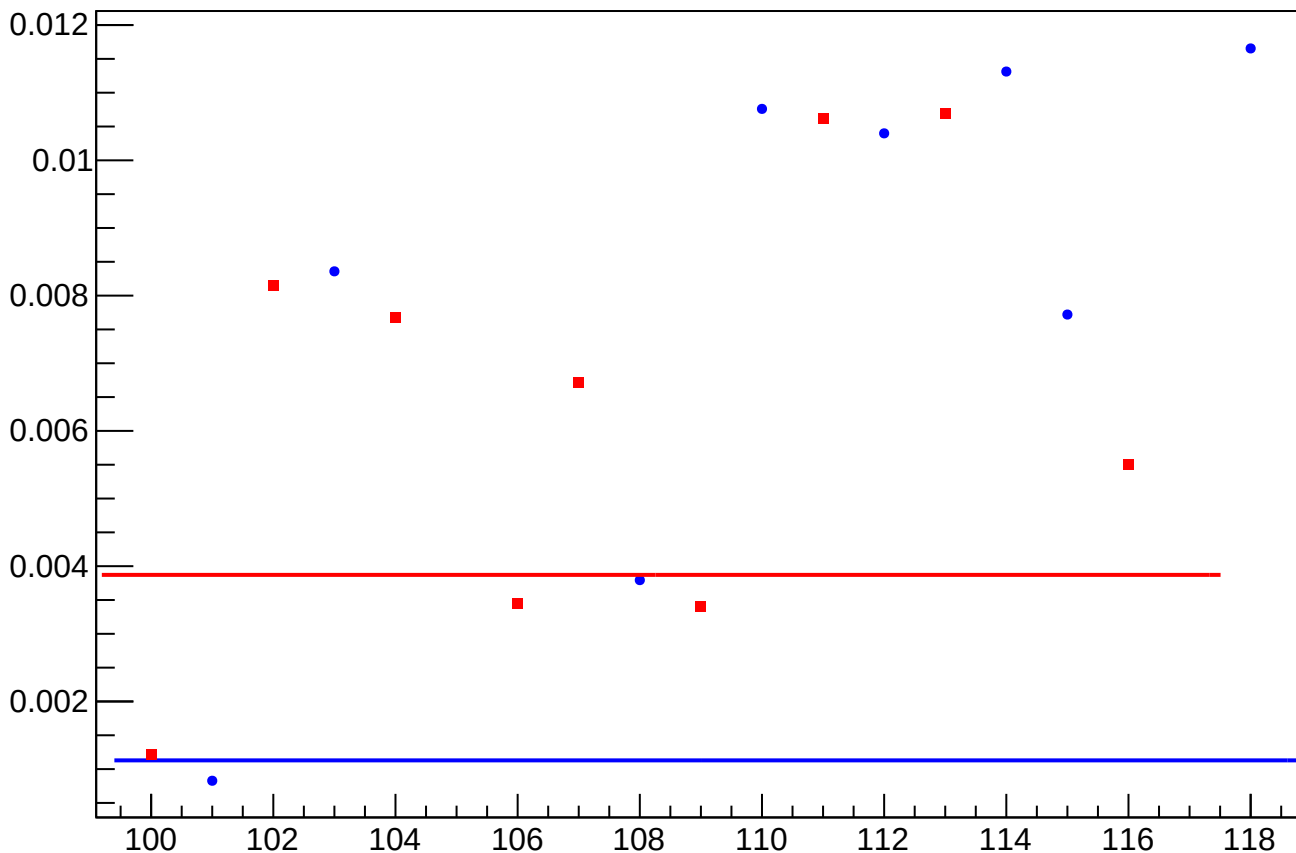
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.5/16

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

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2189365.8/8

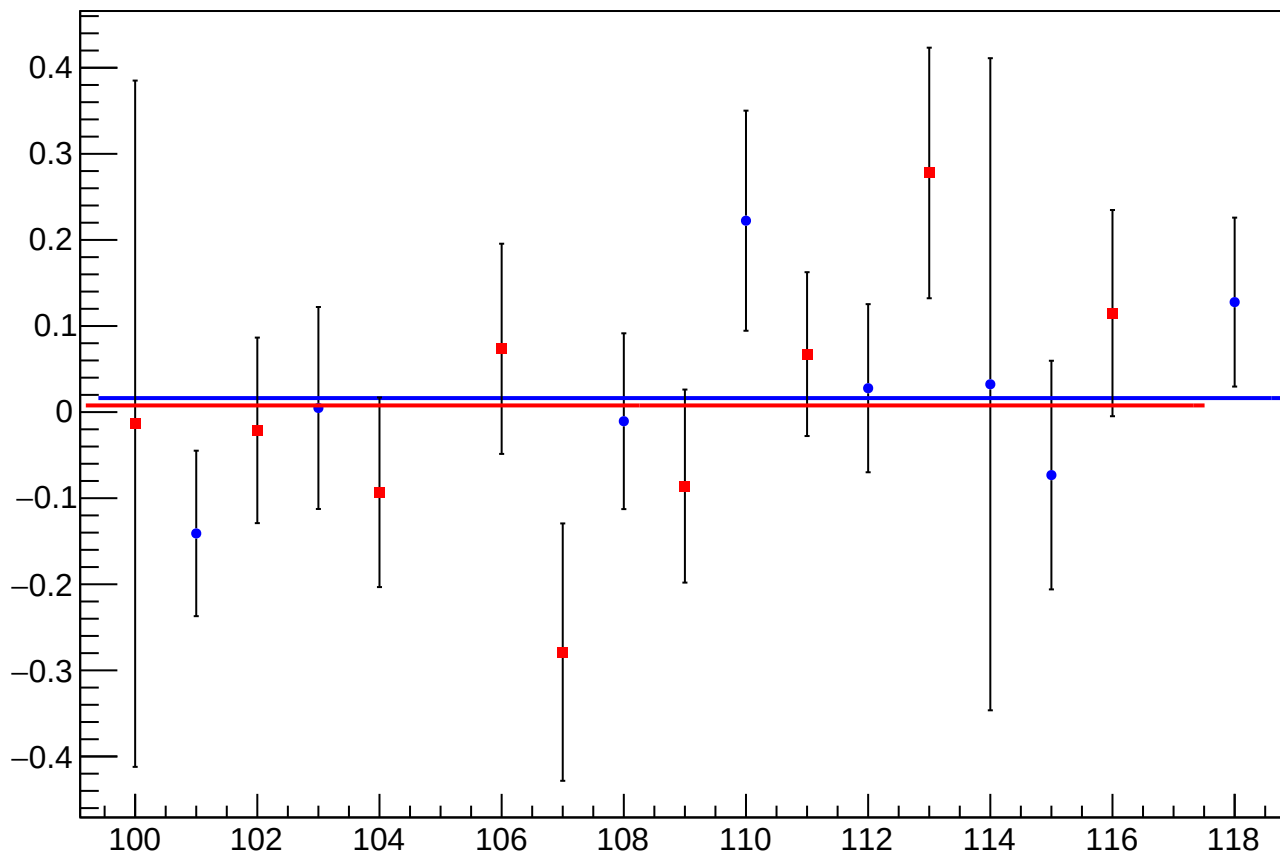
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8247763.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.041 χ^2 /NDF: 10.2/8

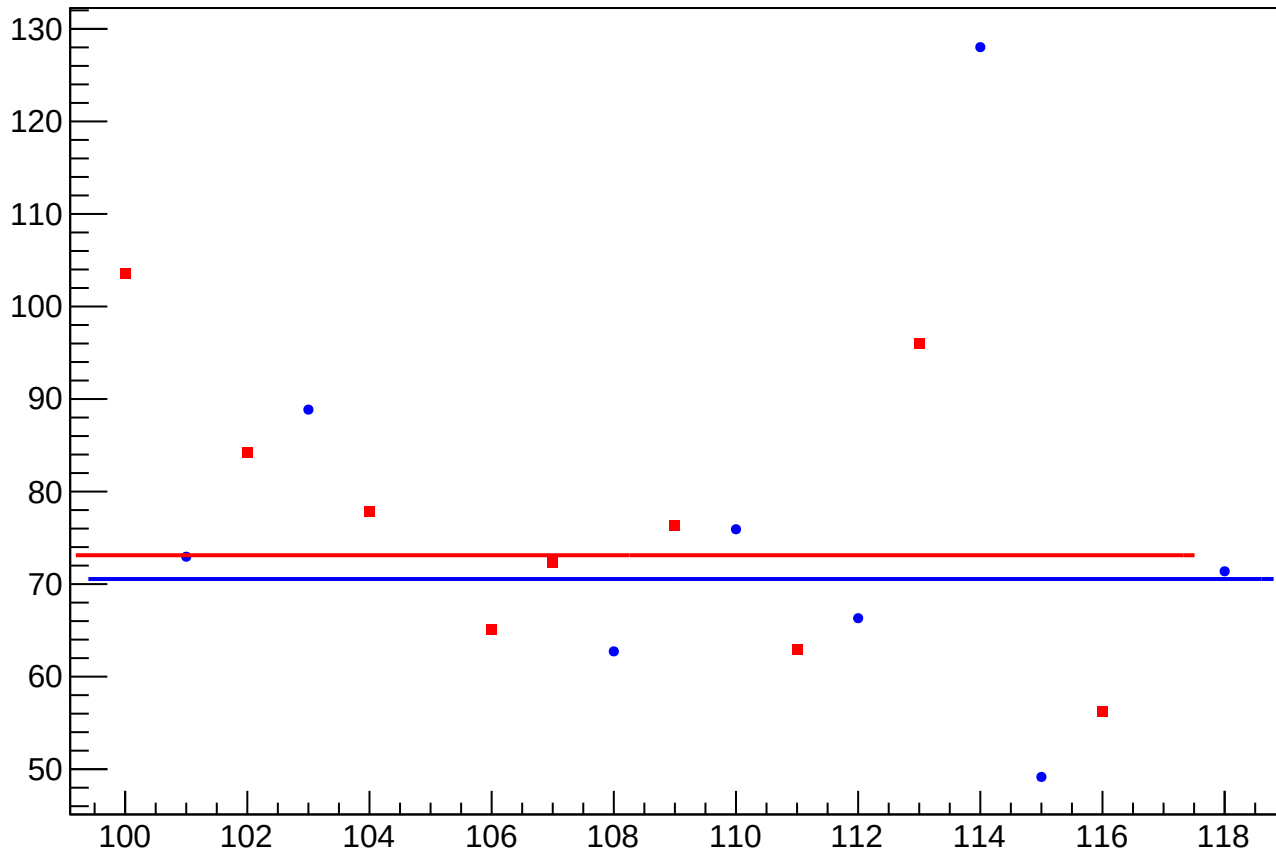
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.012 $\pm$ 0.029 χ^2 /NDF: 17.3/16

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

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 70.551 ± 0.029 $\chi^2/\text{NDF}: 167070.2/7$

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

Right Out: 73.119 ± 0.029 $\chi^2/\text{NDF}: 159178.6/8$

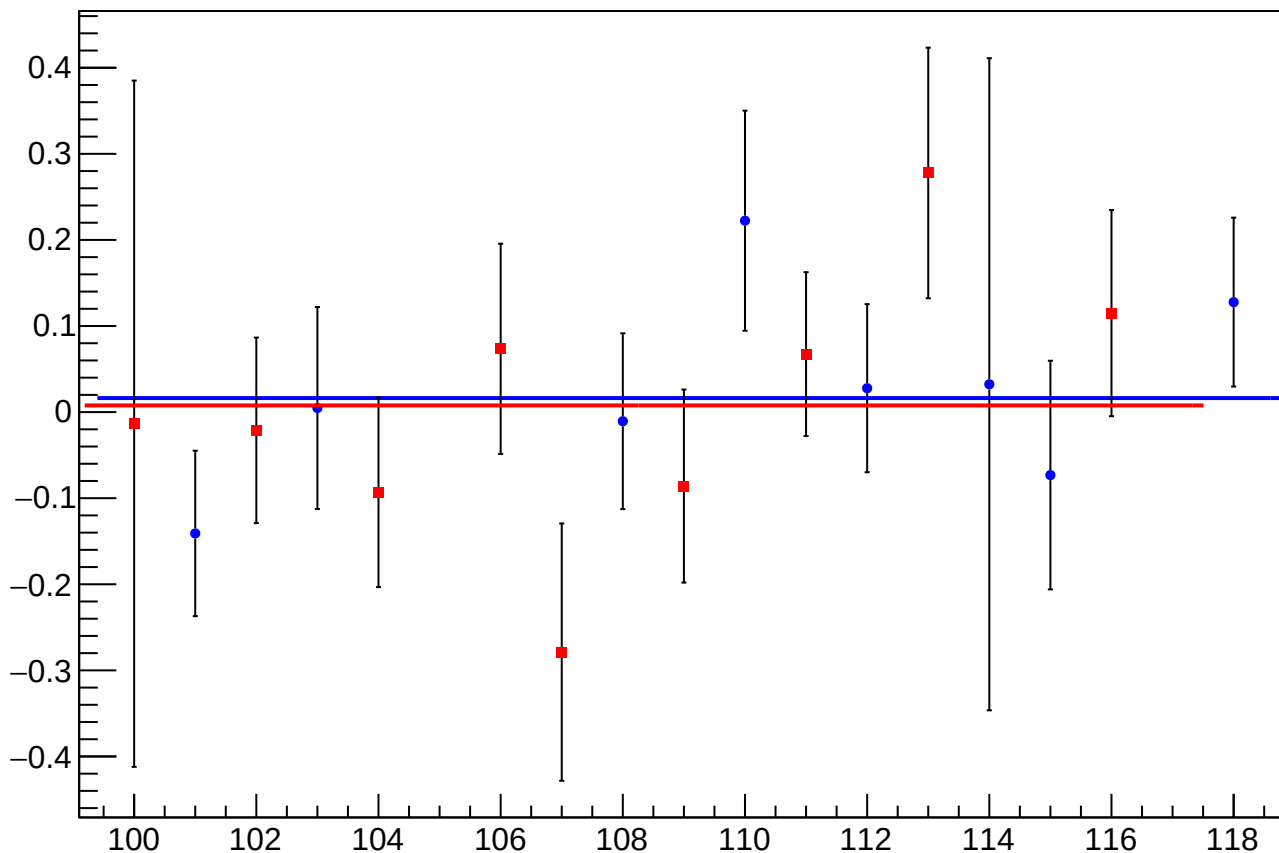
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: 71.817 ± 0.020 $\chi^2/\text{NDF}: 330218.1/16$

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

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.041 χ^2 /NDF: 10.2/8

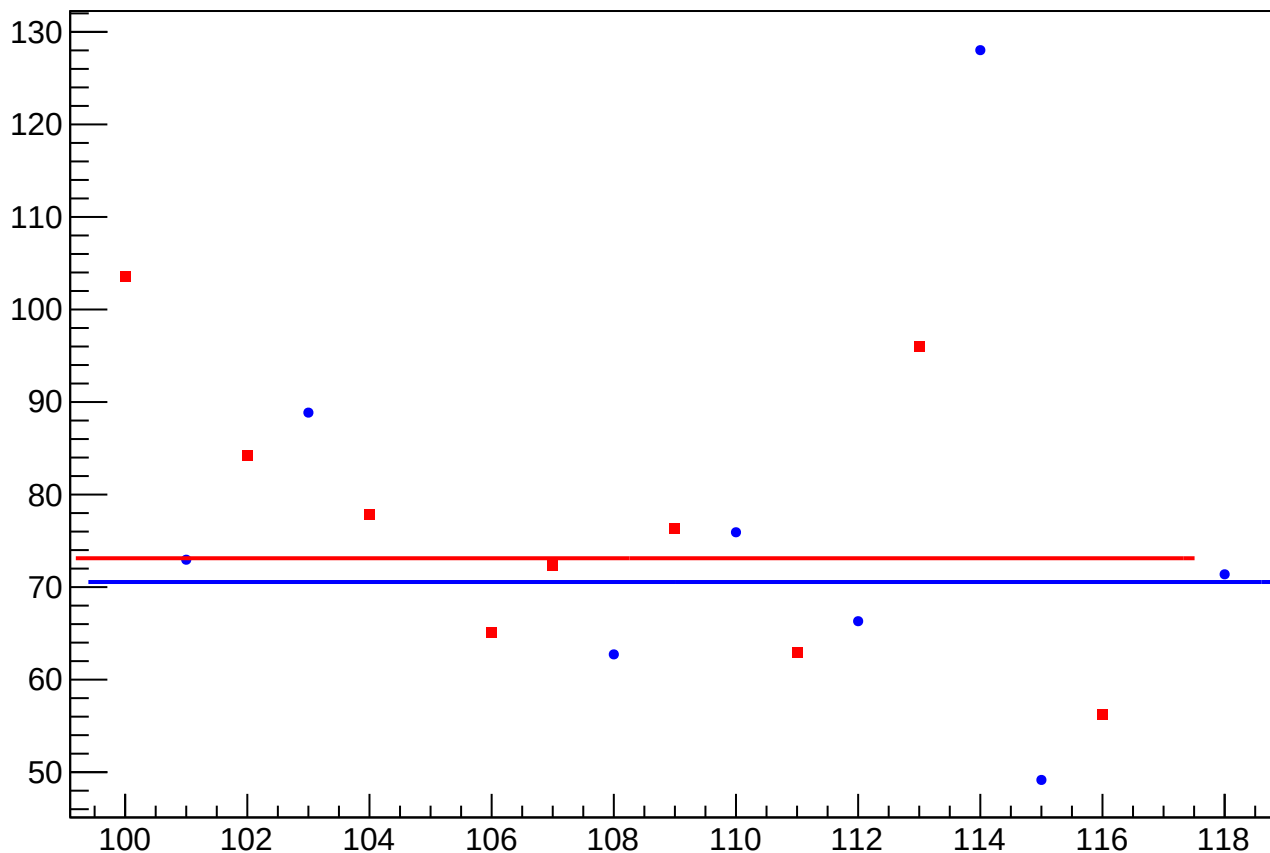
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.012 $\pm$ 0.029 χ^2 /NDF: 17.3/16

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

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 73.119+/-0.029 χ^2/NDF : 159178.6/8

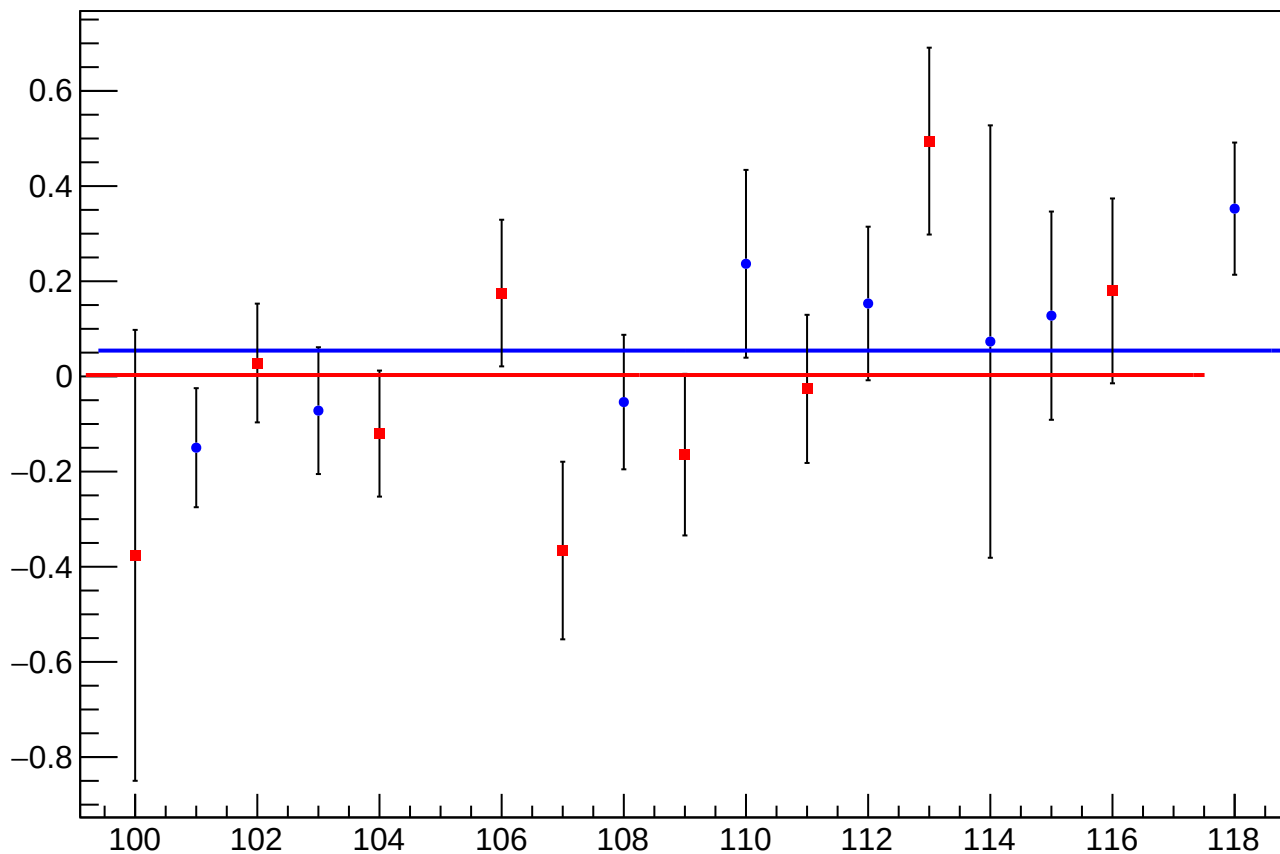
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.817+/-0.020 χ^2/NDF : 330218.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



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: 0.003+/-0.055 χ^2/NDF : 14.8/8

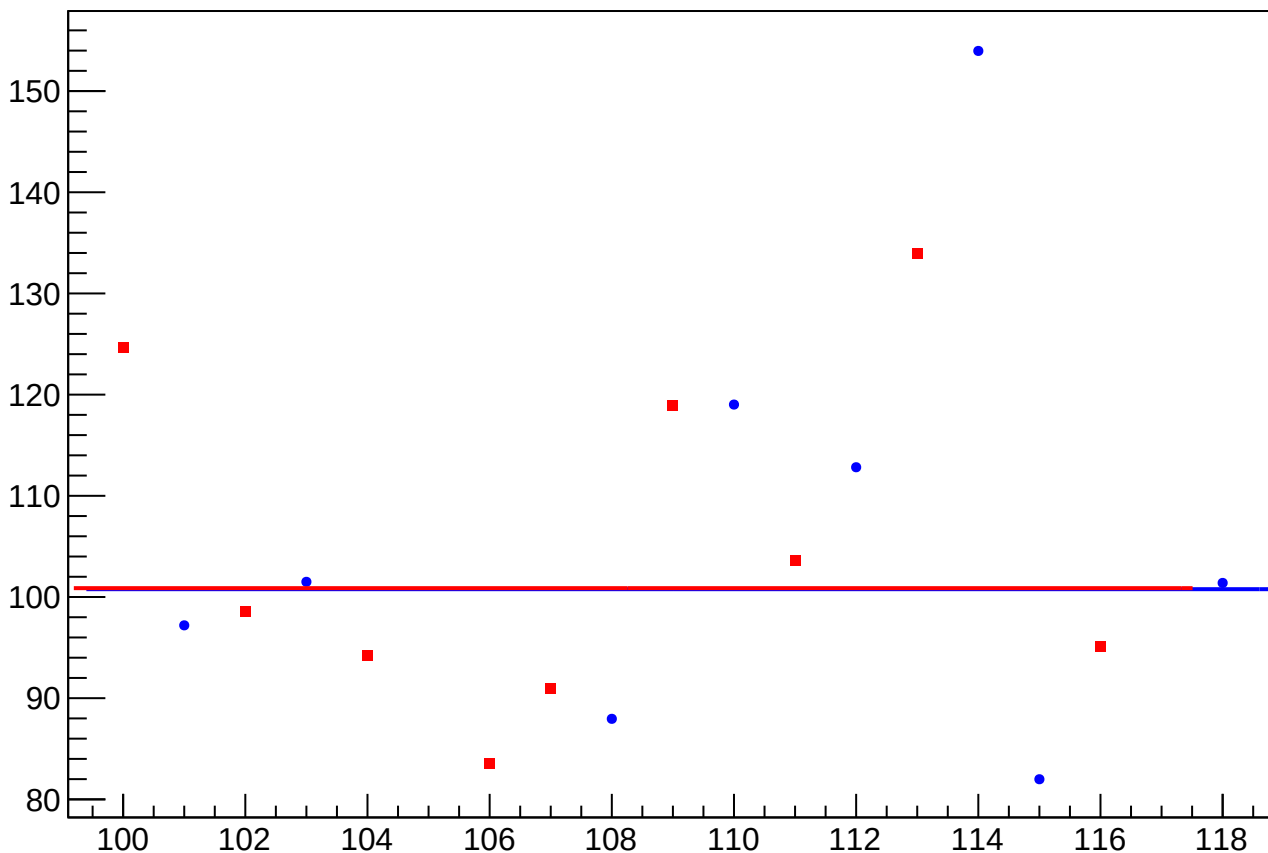
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.040 χ^2/NDF : 25.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 100.772+/-0.040 χ^2/NDF : 88562.5/7

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

Right Out: 100.874+/-0.039 χ^2/NDF : 123511.1/8

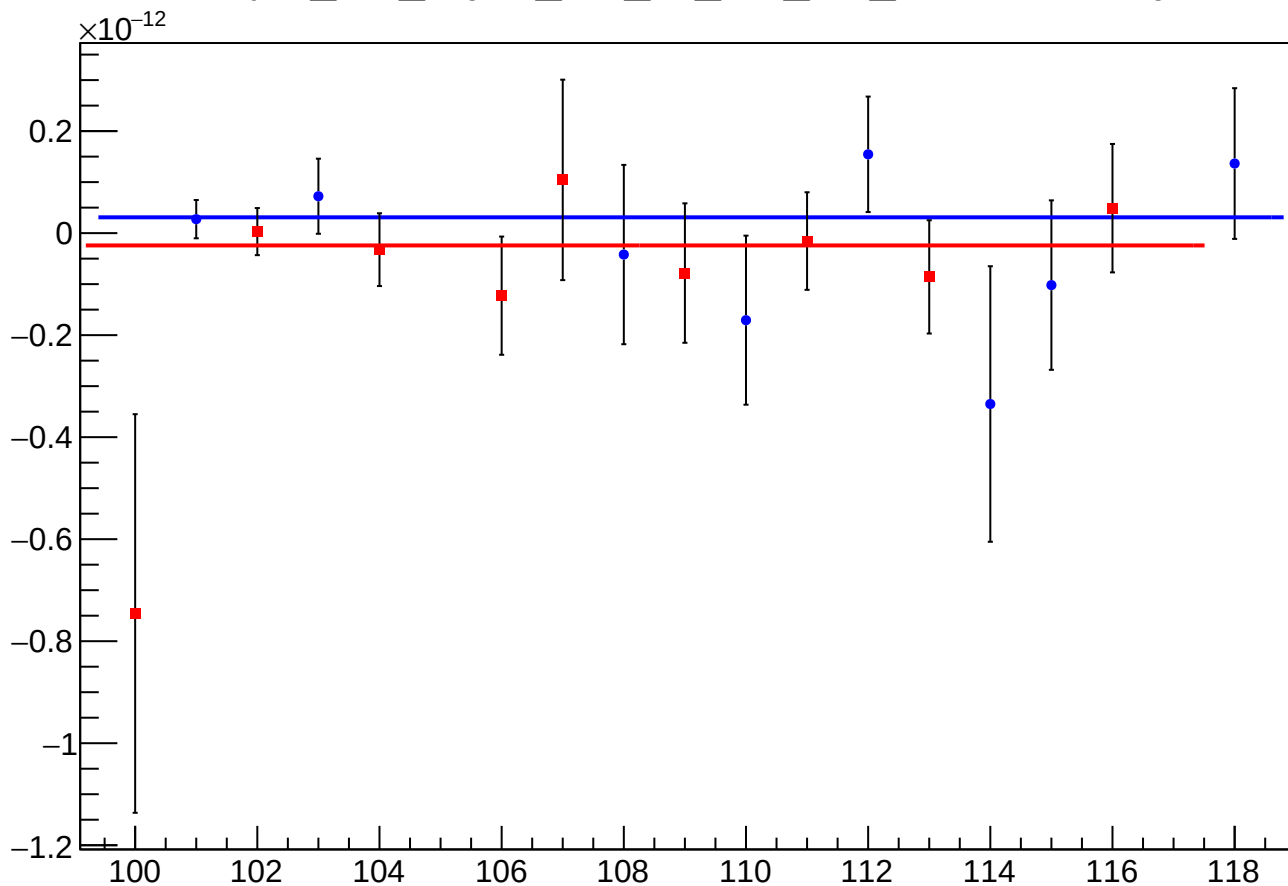
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.824+/-0.028 χ^2/NDF : 212076.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



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: 5.7/8

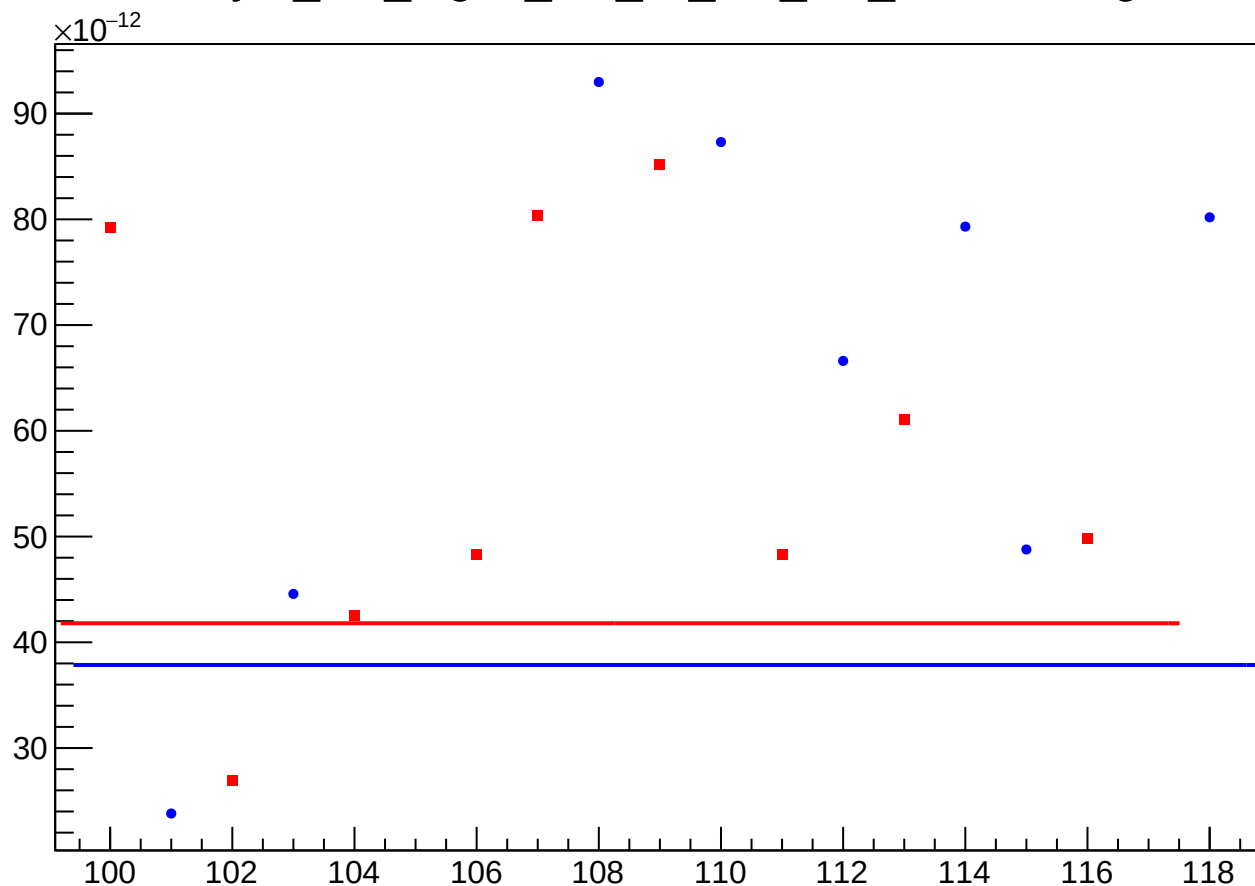
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/16

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

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug



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 : 588139.4/8

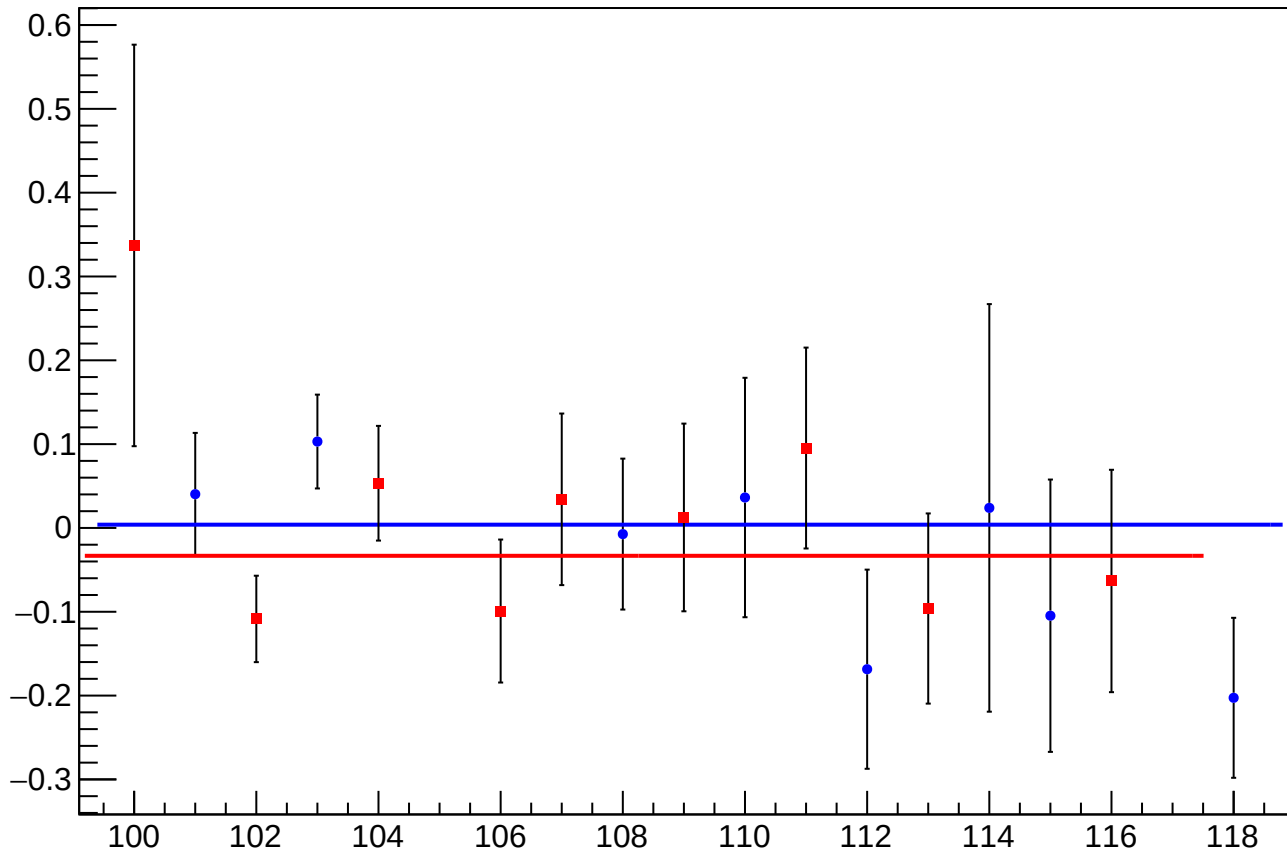
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1626365.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



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: -0.033 $\pm$ 0.030 χ^2 /NDF: 8.8/8

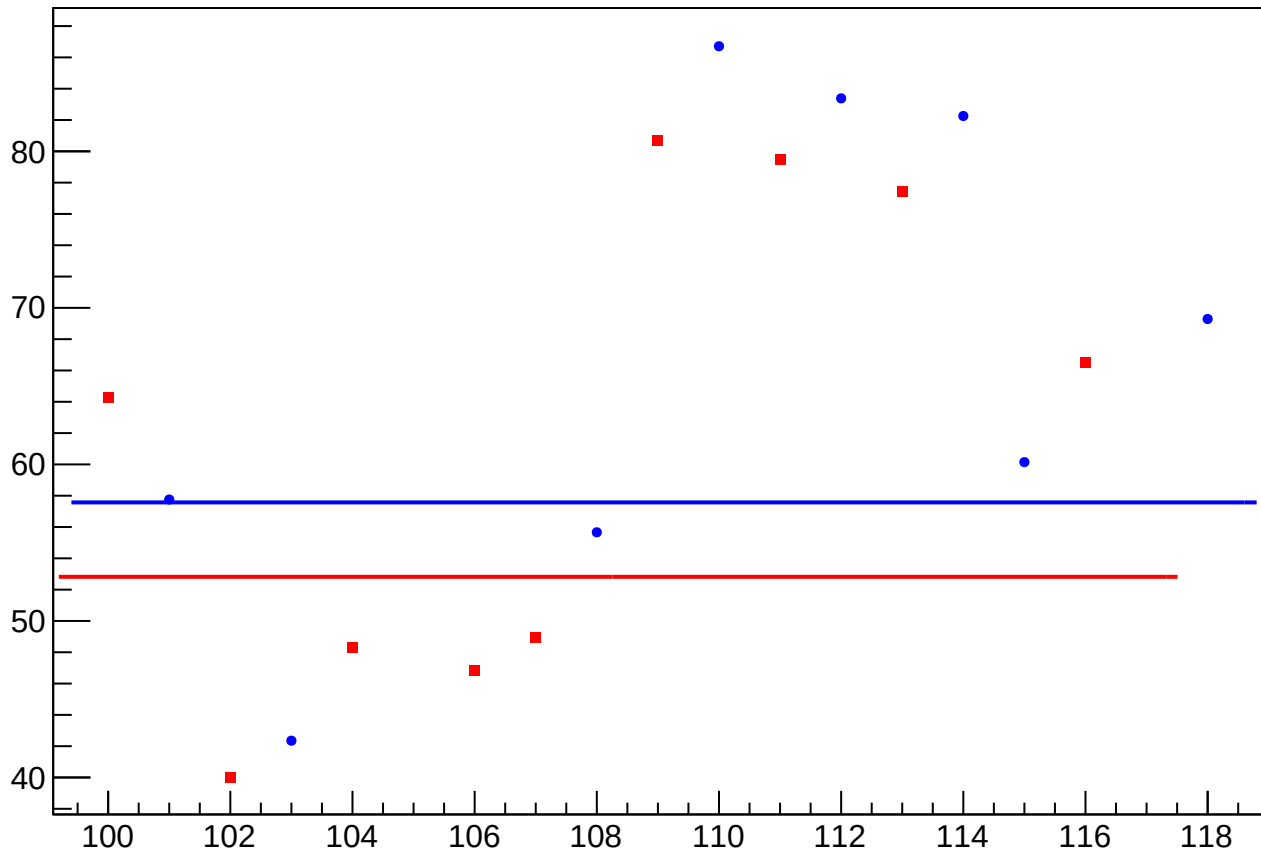
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.017 $\pm$ 0.022 χ^2 /NDF: 20.2/16

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 57.572 $\pm$ 0.023 χ^2 /NDF: 377690.3/7

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

Right Out: 52.820 $\pm$ 0.021 χ^2 /NDF: 487620.9/8

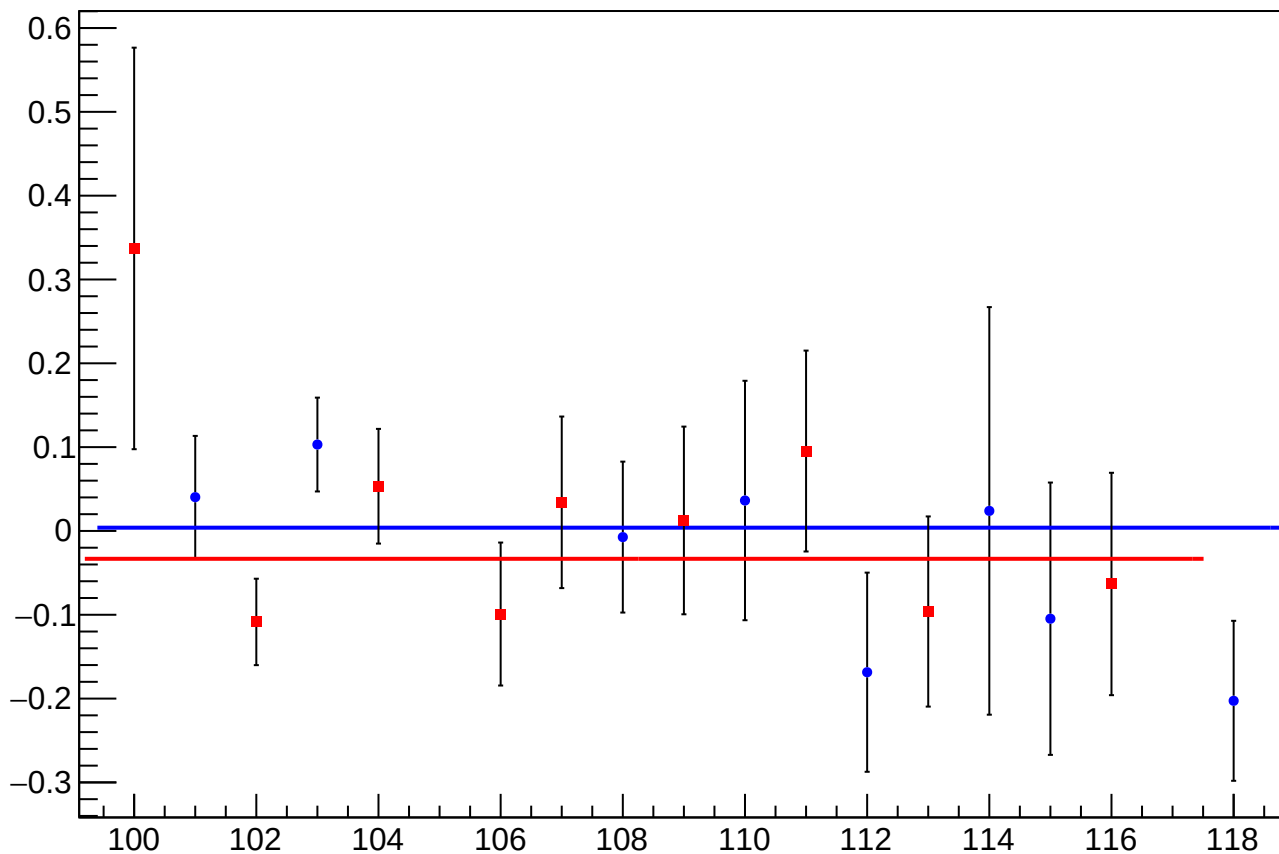
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 54.951 $\pm$ 0.016 χ^2 /NDF: 888087.3/16

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

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



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: -0.033 $\pm$ 0.030 χ^2 /NDF: 8.8/8

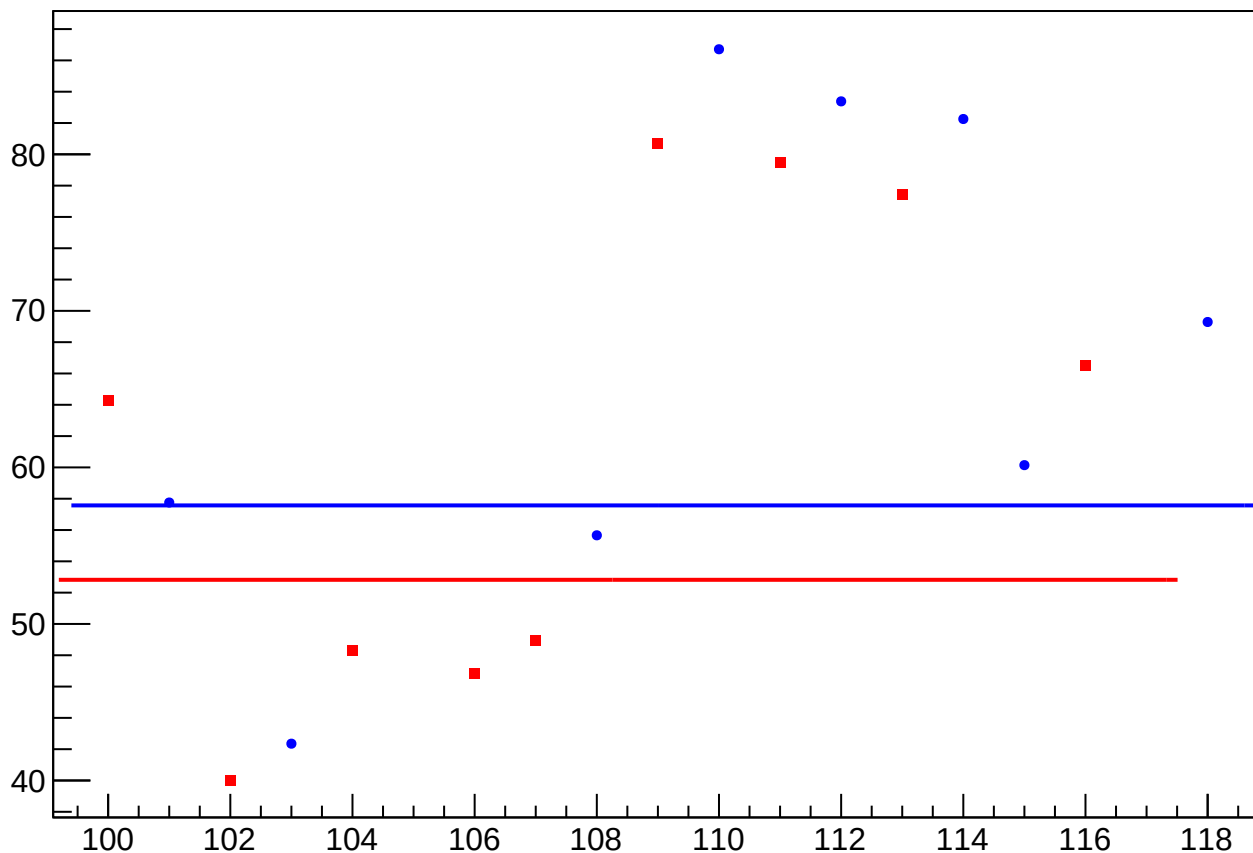
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.017 $\pm$ 0.022 χ^2 /NDF: 20.2/16

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

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug



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: 52.820+/-0.021 χ^2/NDF : 487620.9/8

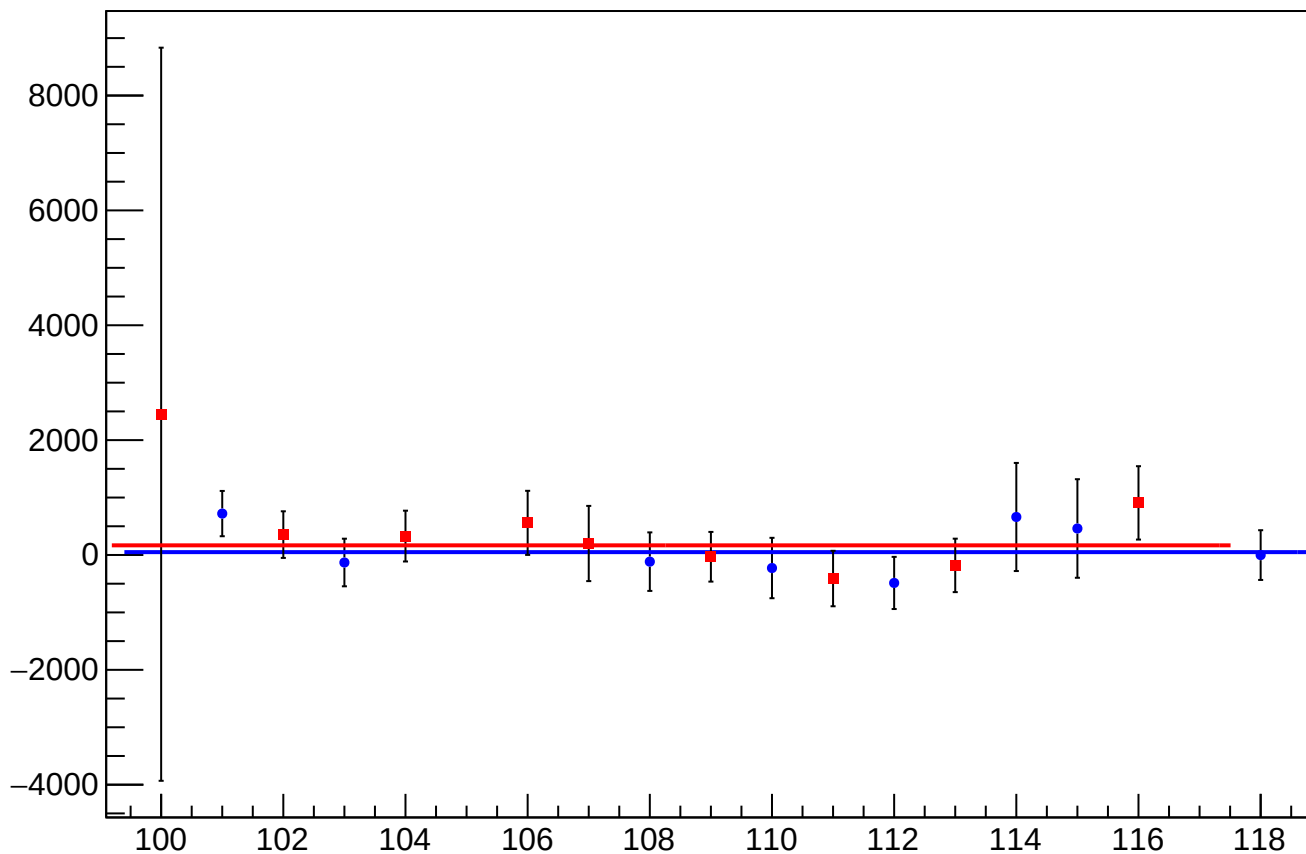
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.951+/-0.016 χ^2/NDF : 888087.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_mean vs Slug



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: 167.822+/-172.905 χ^2/NDF : 4.5/8

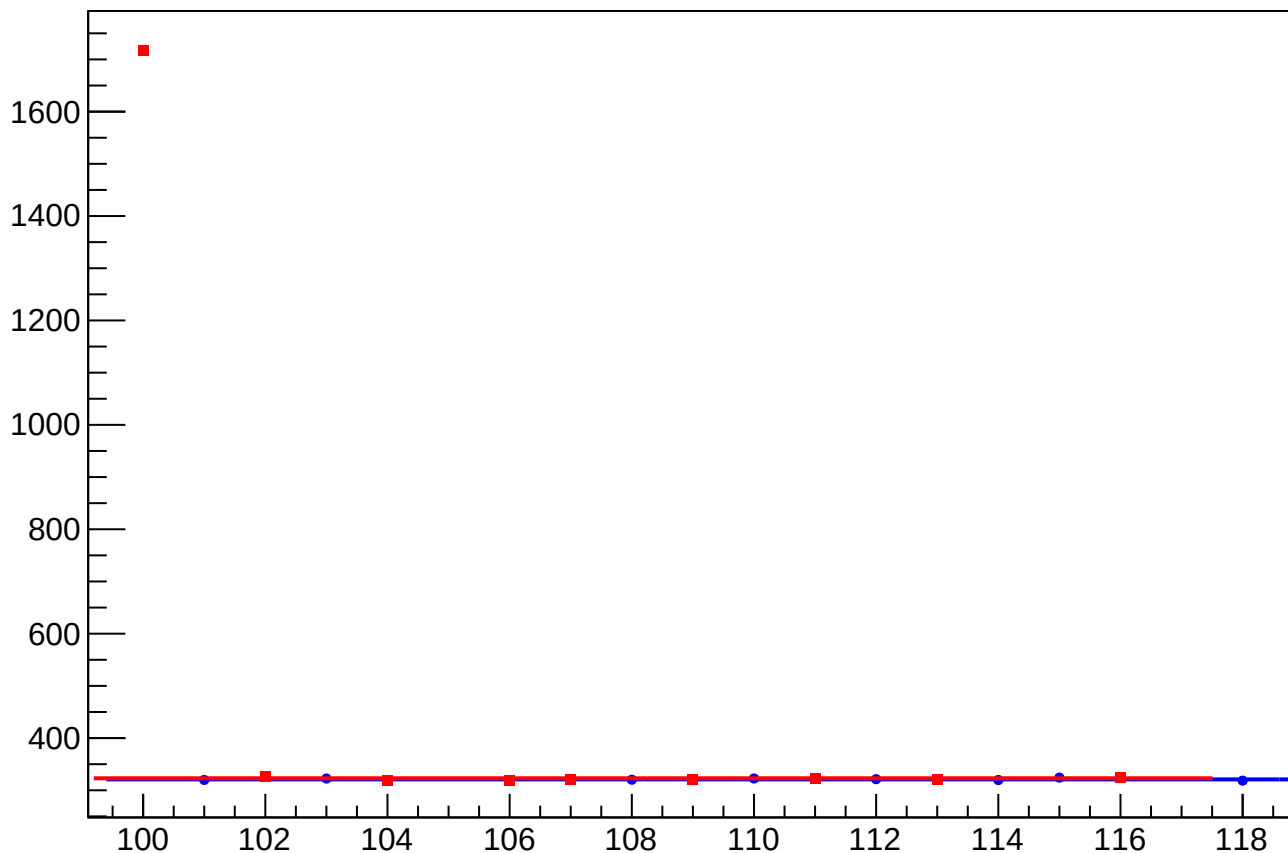
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.637+/-123.240 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 320.855 $\pm$ 0.124 χ^2 /NDF: 167.0/7

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

Right Out: 323.014 $\pm$ 0.122 χ^2 /NDF: 96203.0/8

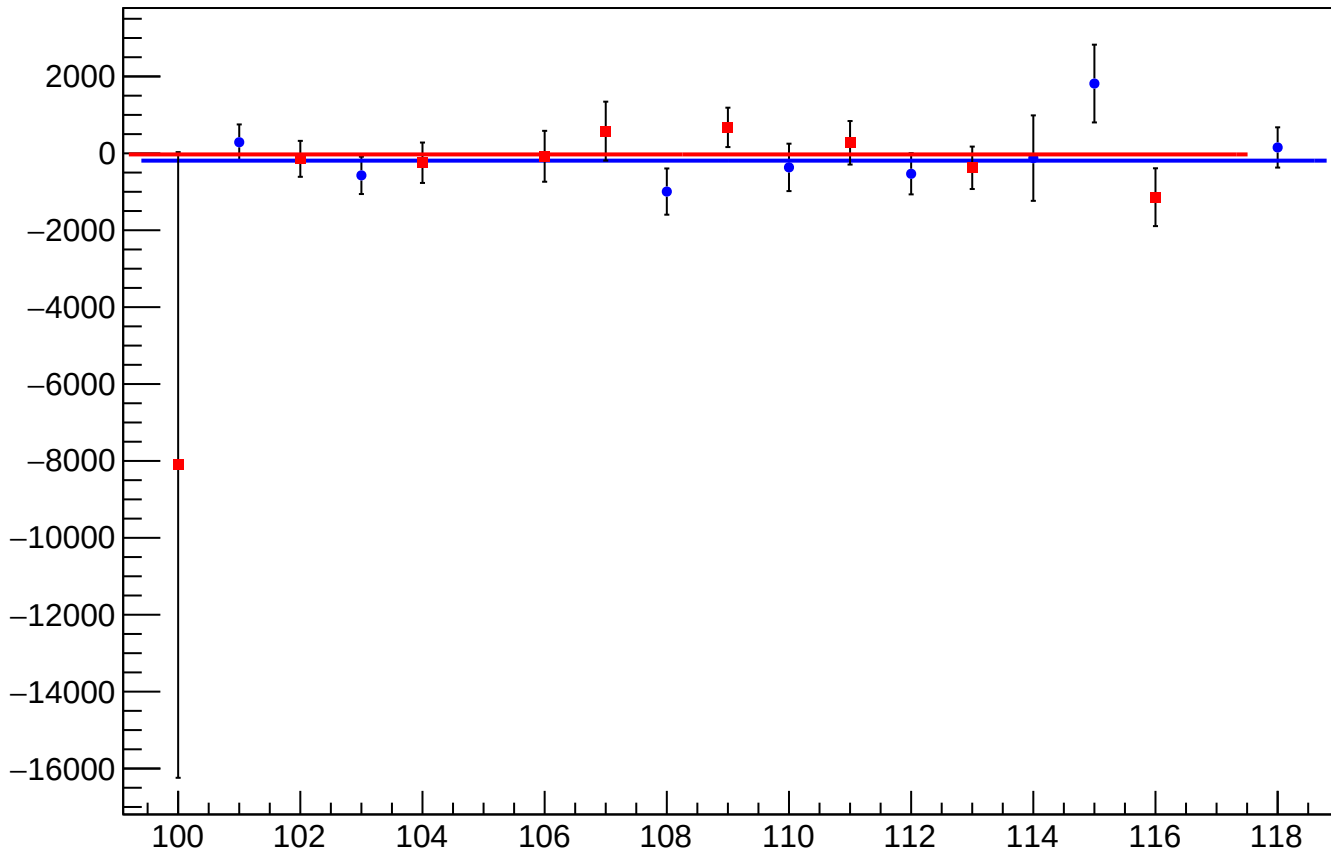
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 321.952 $\pm$ 0.087 χ^2 /NDF: 96523.4/16

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

asym_dsr_mean vs Slug



Right In: -189.801+/-207.488 χ^2 /NDF: 8.3/7

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

Right Out: -27.852+/-203.349 χ^2 /NDF: 6.6/8

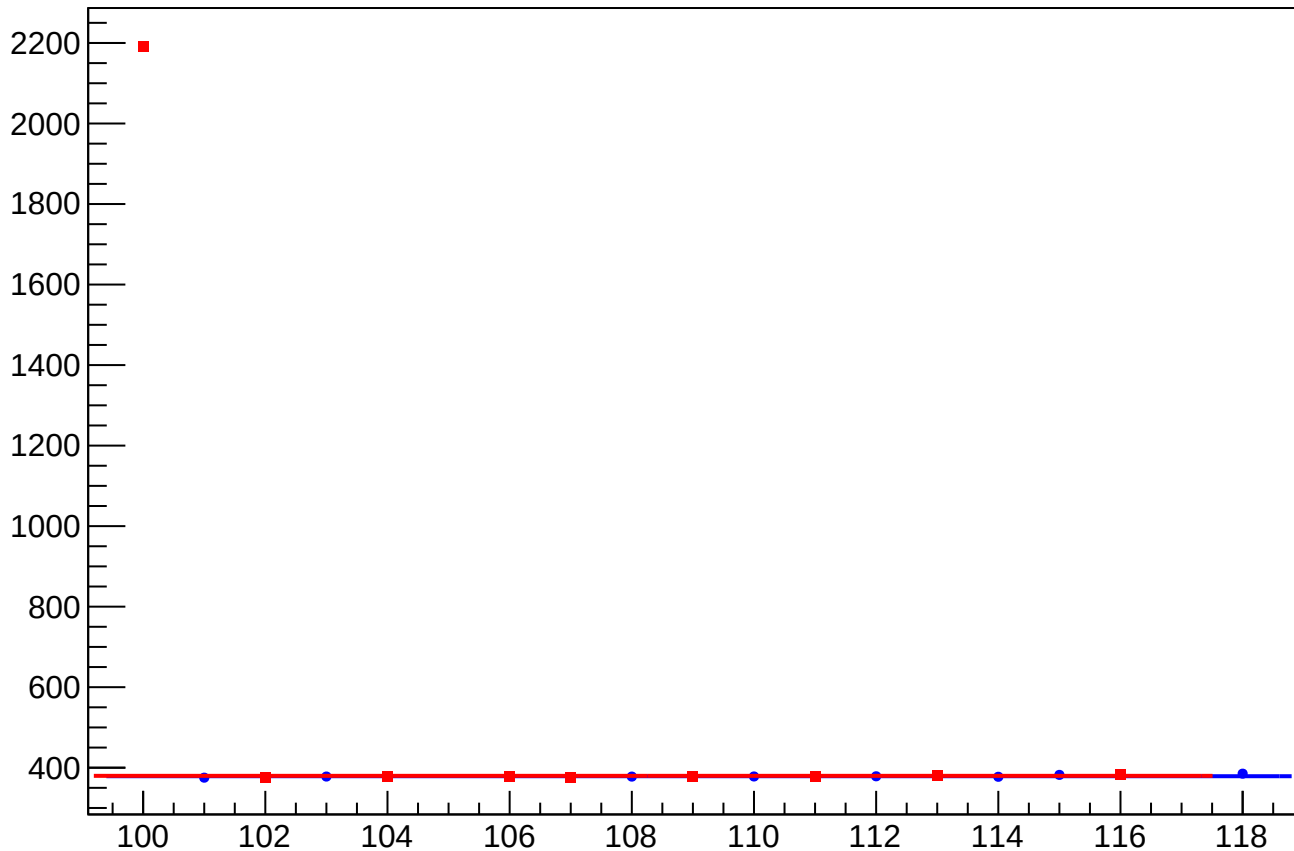
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -107.195+/-145.230 χ^2 /NDF: 15.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_dsr_rms vs Slug



Right In: 378.866 $\pm$ 0.147 χ^2 /NDF: 450.4/7

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

Right Out: 379.794 $\pm$ 0.144 χ^2 /NDF: 99194.0/8

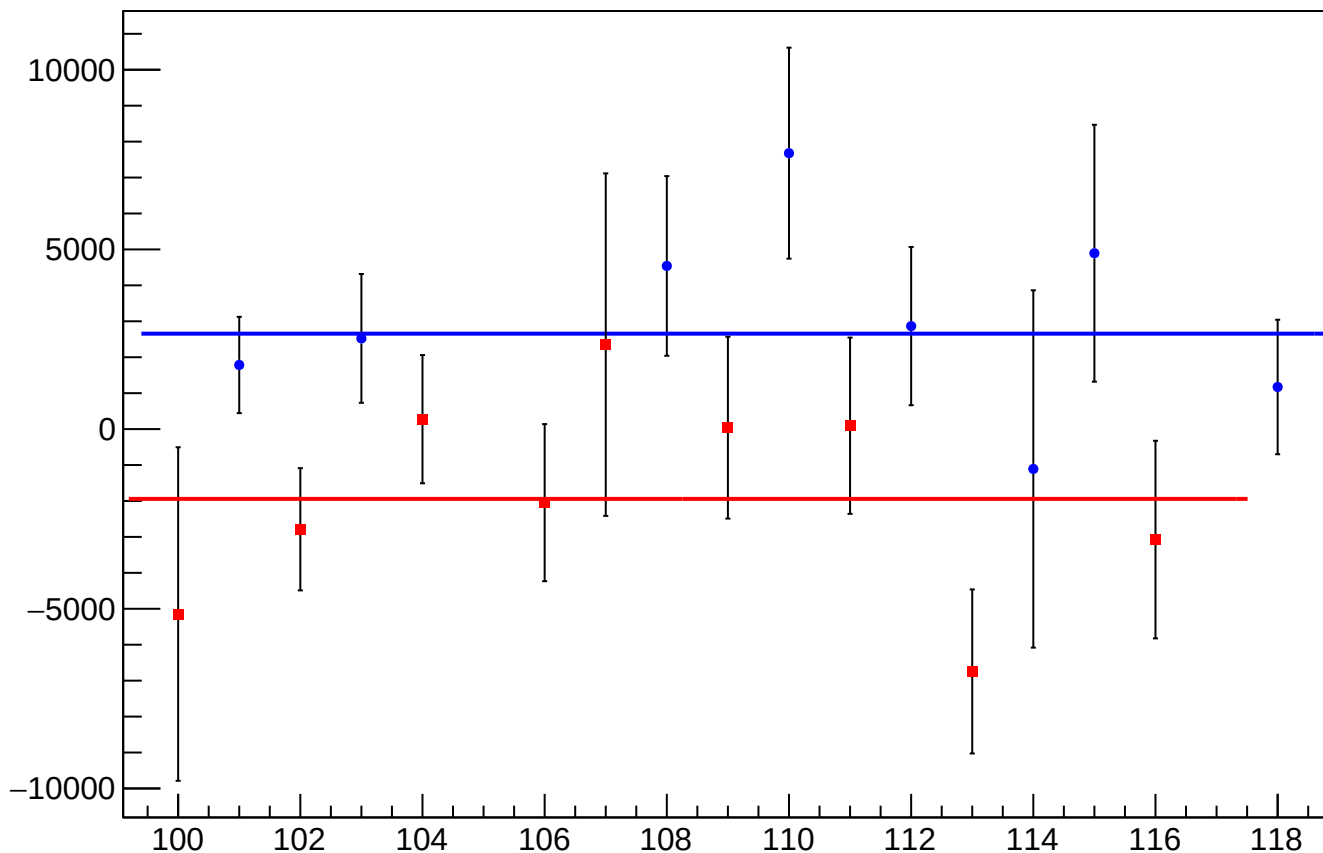
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 379.340 $\pm$ 0.103 χ^2 /NDF: 99664.8/16

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

asym_us_agg_avg_mean vs Slug



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: -1942.130+/-788.986 χ^2/NDF : 9.0/8

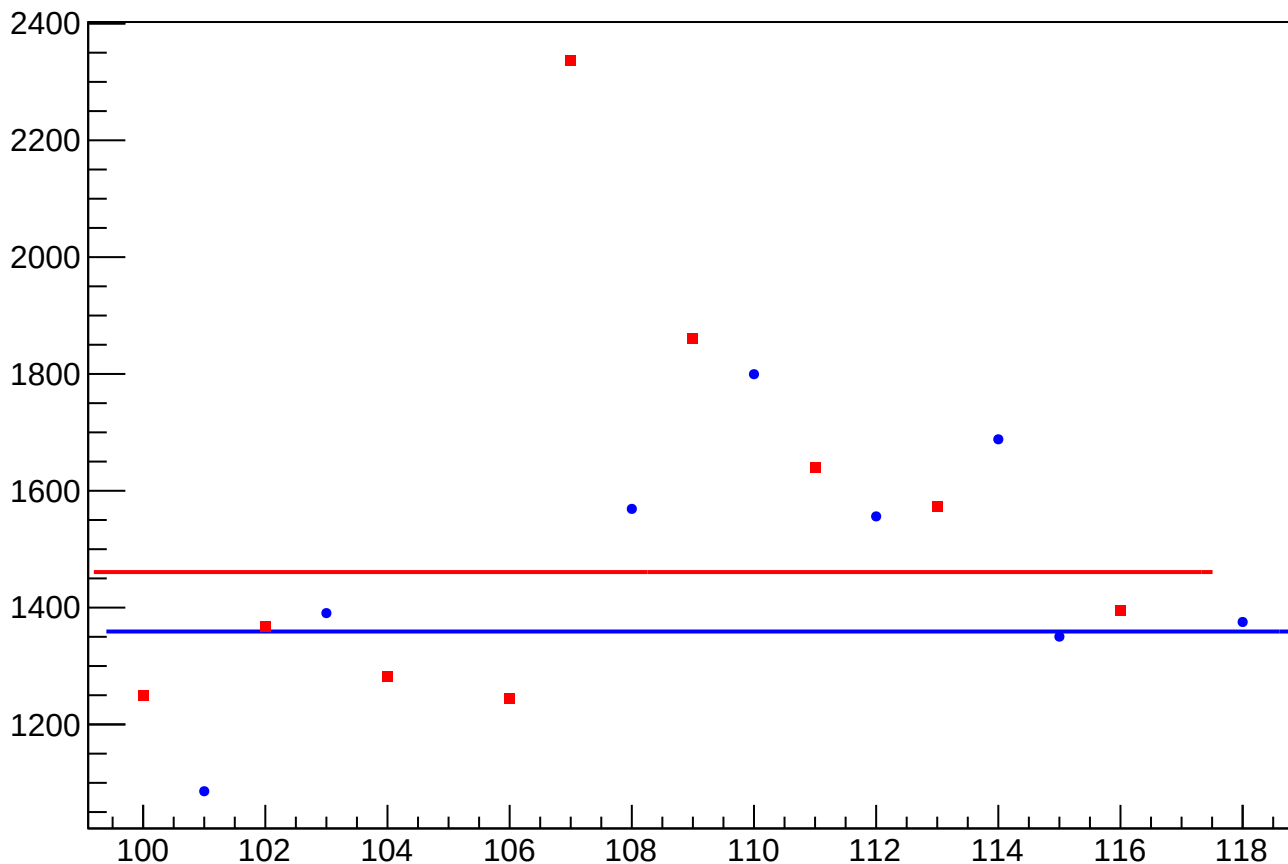
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.676+/-545.409 χ^2/NDF : 32.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_avg_rms vs Slug



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: 1460.867+/-0.558 χ^2/NDF : 183857.3/8

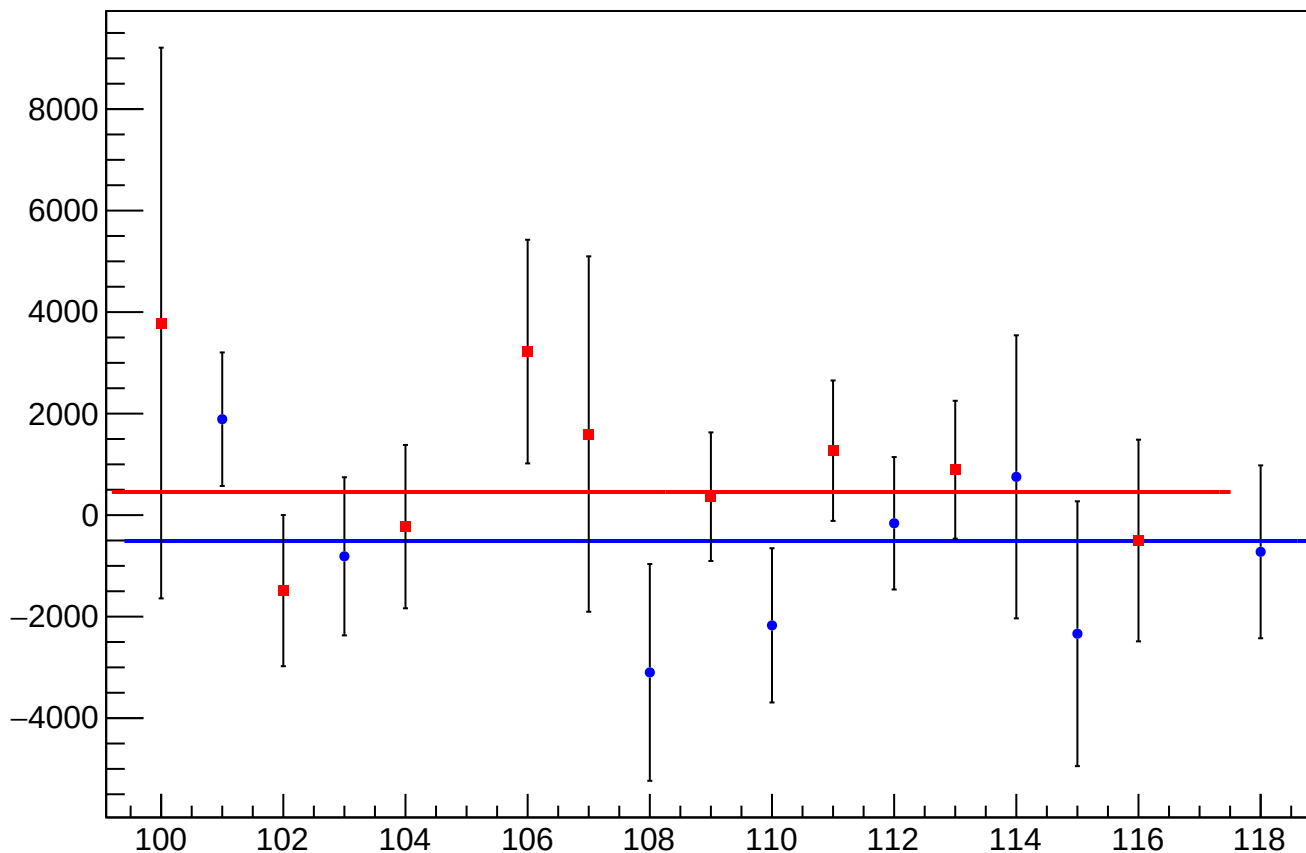
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1407.718+/-0.386 χ^2/NDF : 369326.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



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: 455.561+/-567.949 χ^2/NDF : 4.6/8

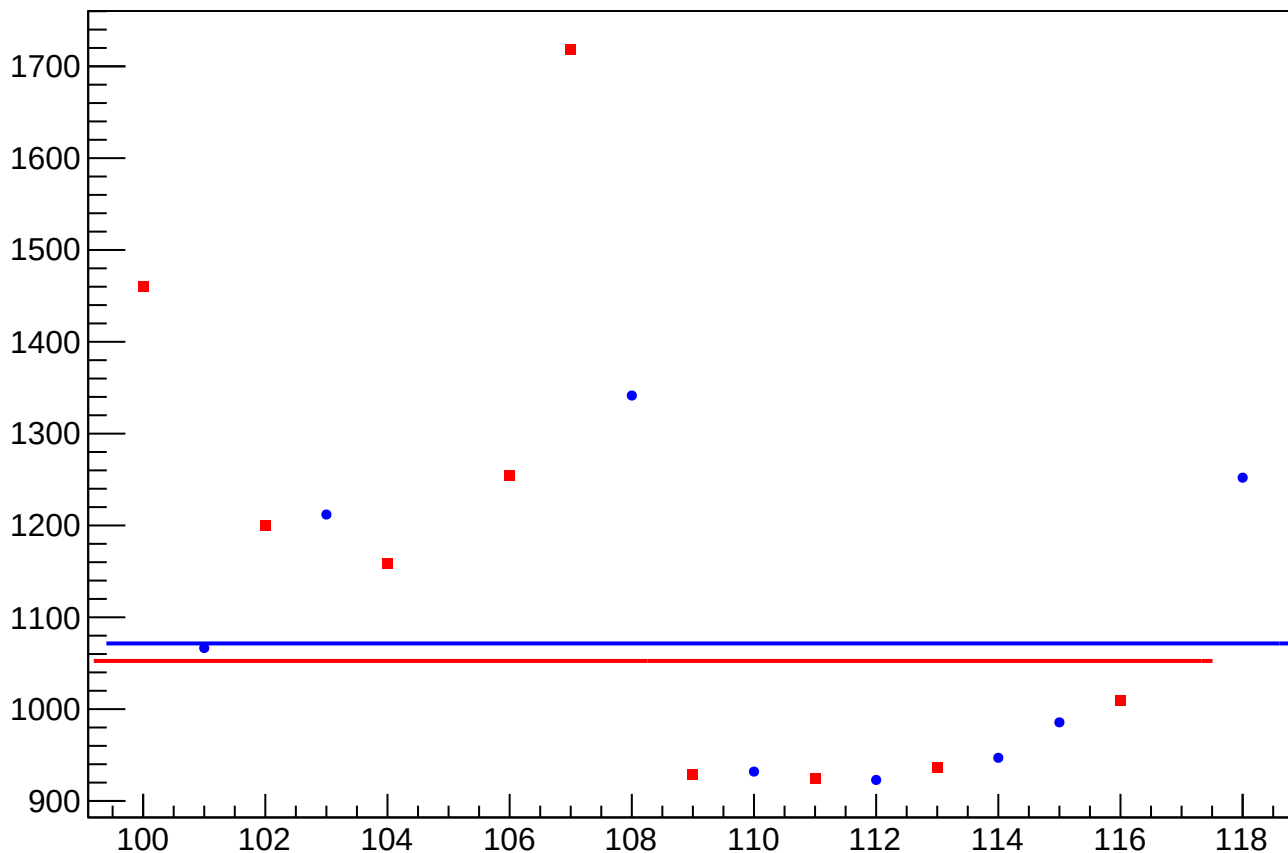
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.793+/-409.948 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1071.517 $\pm$ 0.419 χ^2 /NDF: 119709.5/7

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

Right Out: 1052.483 $\pm$ 0.402 χ^2 /NDF: 180167.2/8

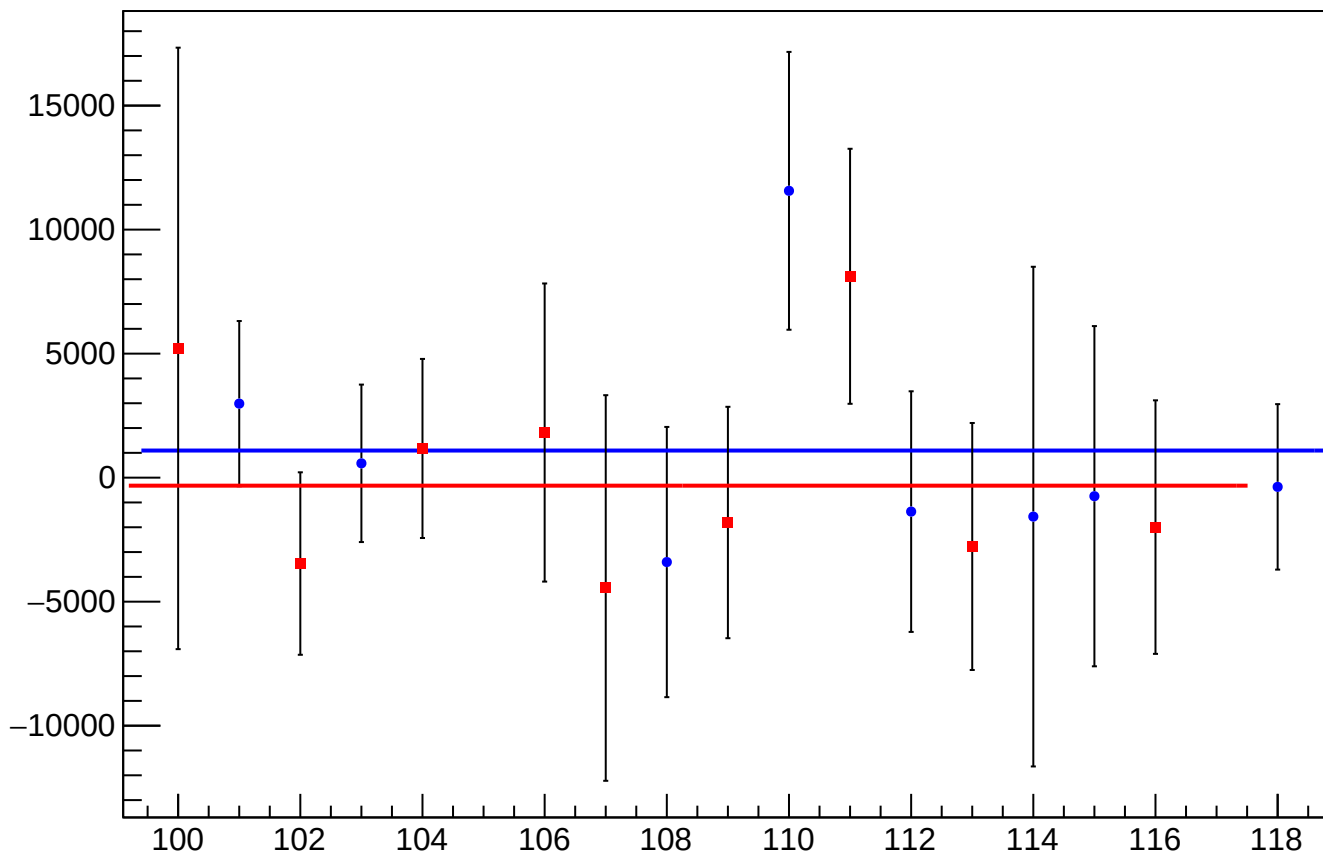
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1061.600 $\pm$ 0.290 χ^2 /NDF: 300952.7/16

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

reg_asym_atl1_mean vs Slug



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: -323.134+/-1657.270 χ^2/NDF : 4.7/8

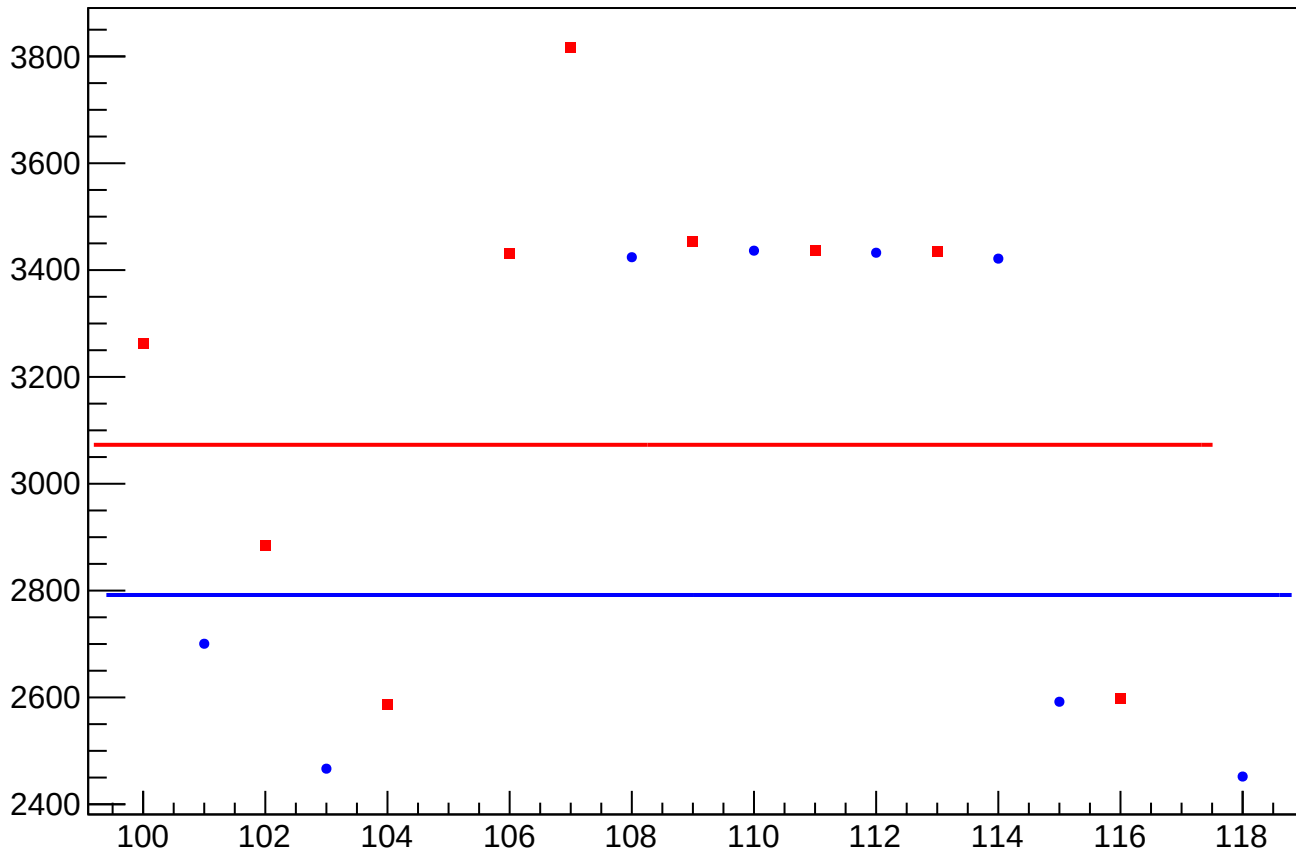
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.179+/-1130.410 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2791.786 $\pm$ 1.093 χ^2 /NDF: 141096.9/7

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

Right Out: 3072.919 $\pm$ 1.172 χ^2 /NDF: 118475.6/8

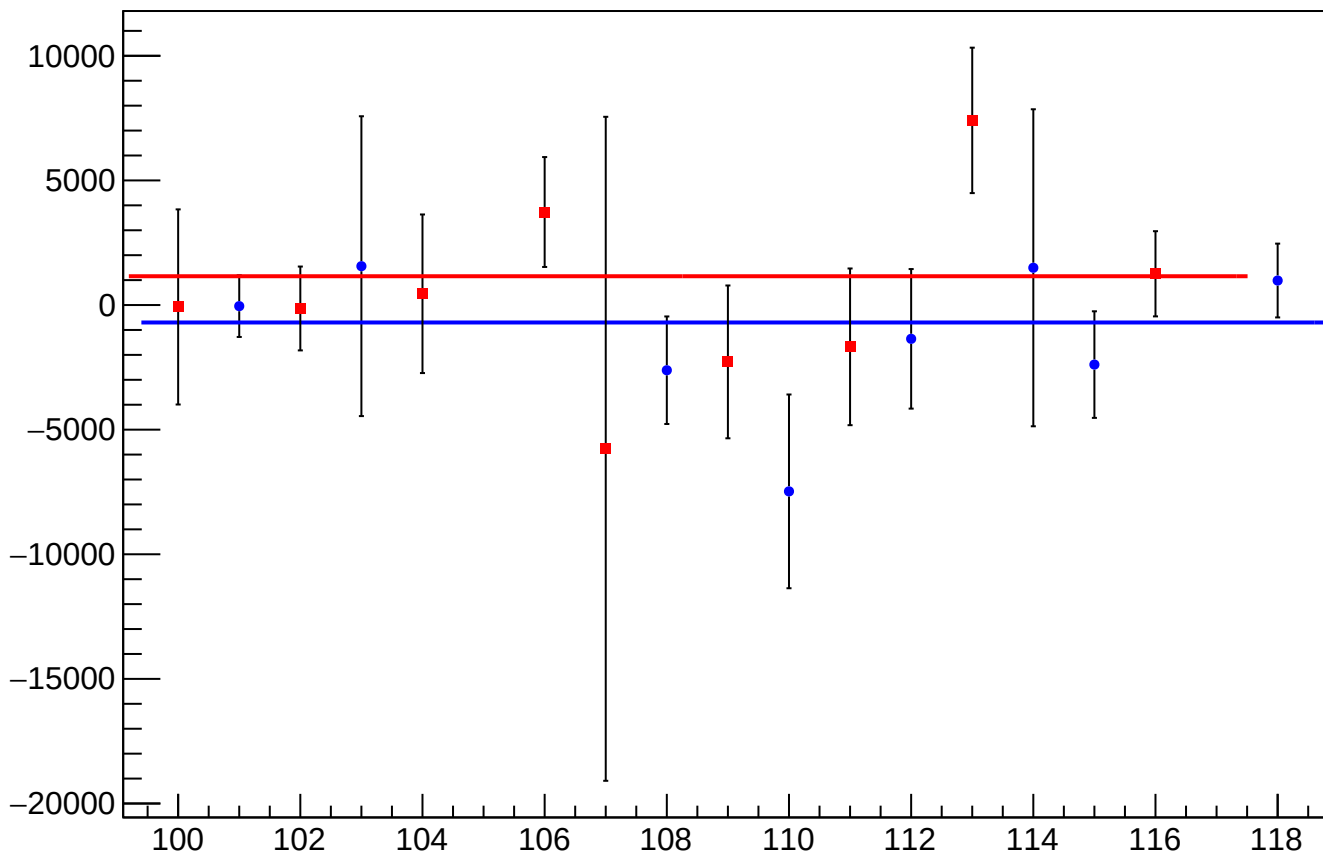
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2922.583 $\pm$ 0.799 χ^2 /NDF: 290349.1/16

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

asym_atl1_reg_correction_mean vs Slug



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: 1155.721+/-846.339 χ^2/NDF : 9.0/8

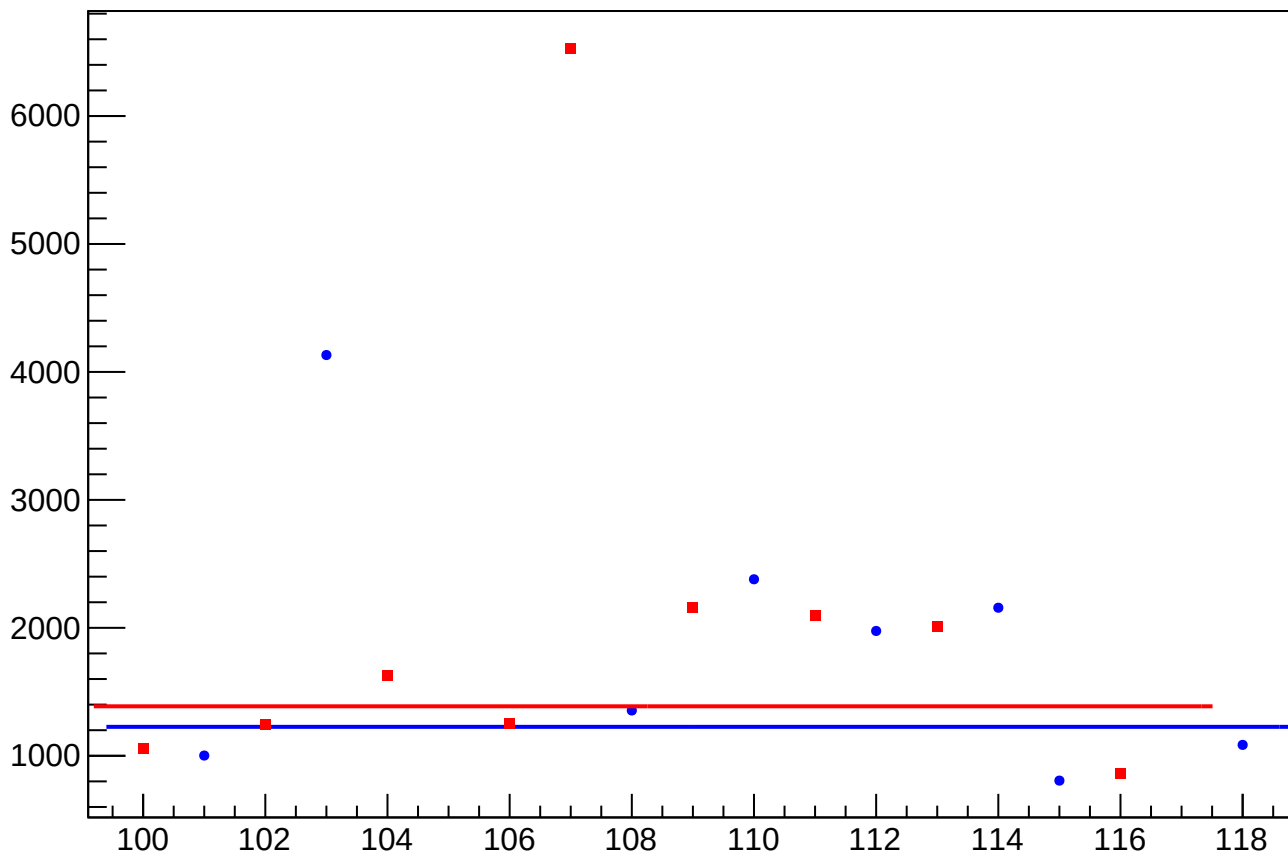
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.491+/-560.339 χ^2/NDF : 18.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



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: 1386.803+/-0.598 χ^2/NDF : 855405.5/8

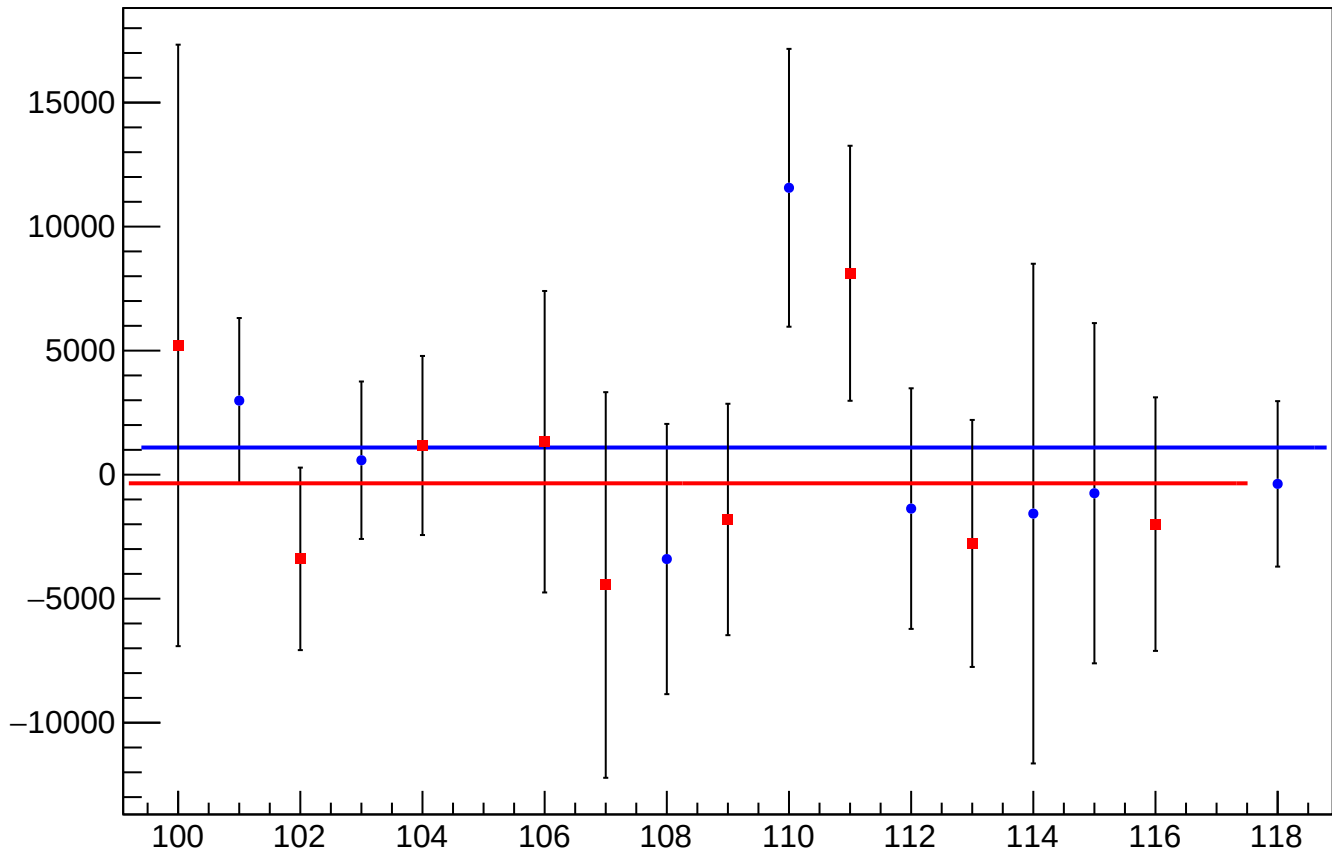
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1296.638+/-0.396 χ^2/NDF : 1892875.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_mean vs Slug



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: -349.012+/-1658.703 χ^2/NDF : 4.6/8

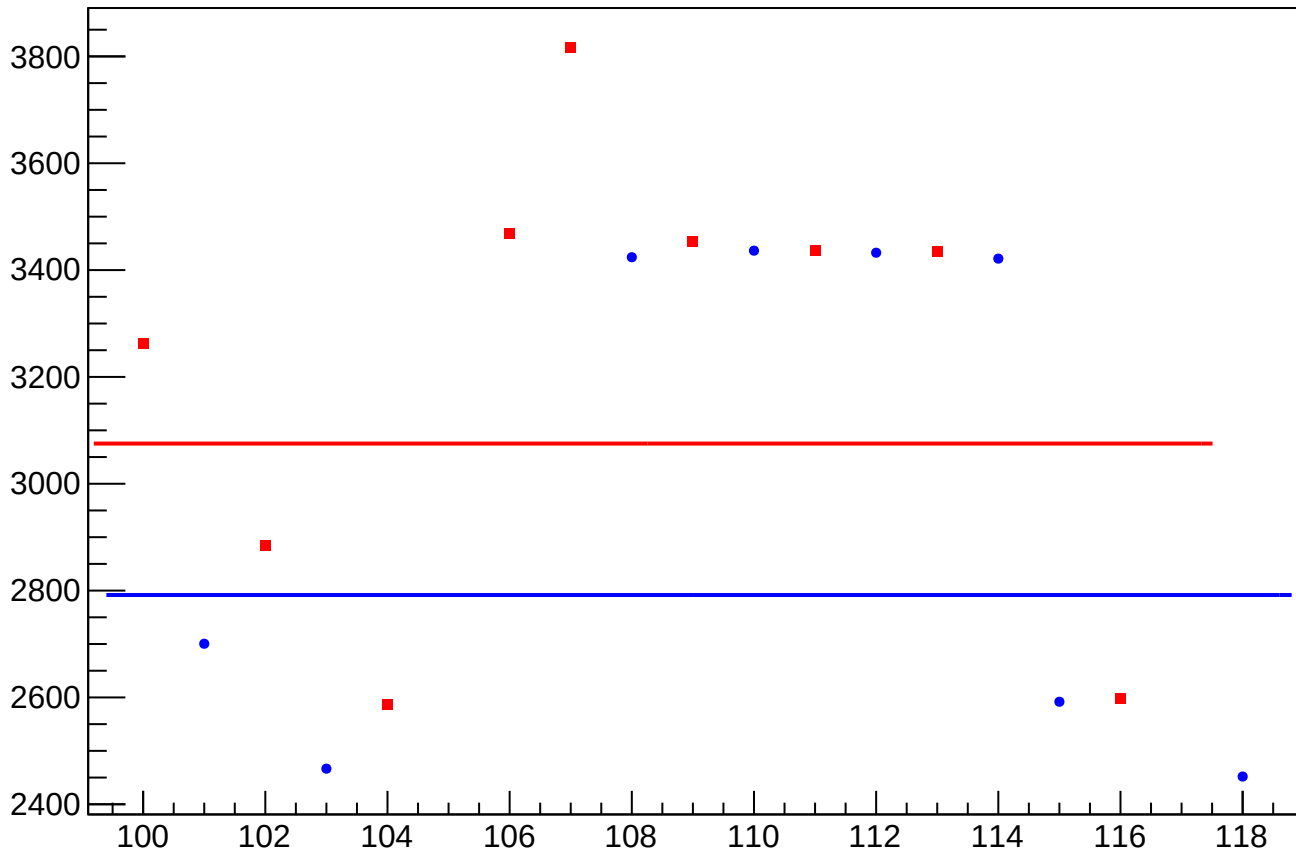
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.295+/-1130.864 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2791.786 $\pm$ 1.093 χ^2 /NDF: 141096.7/7

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

Right Out: 3075.234 $\pm$ 1.173 χ^2 /NDF: 119845.3/8

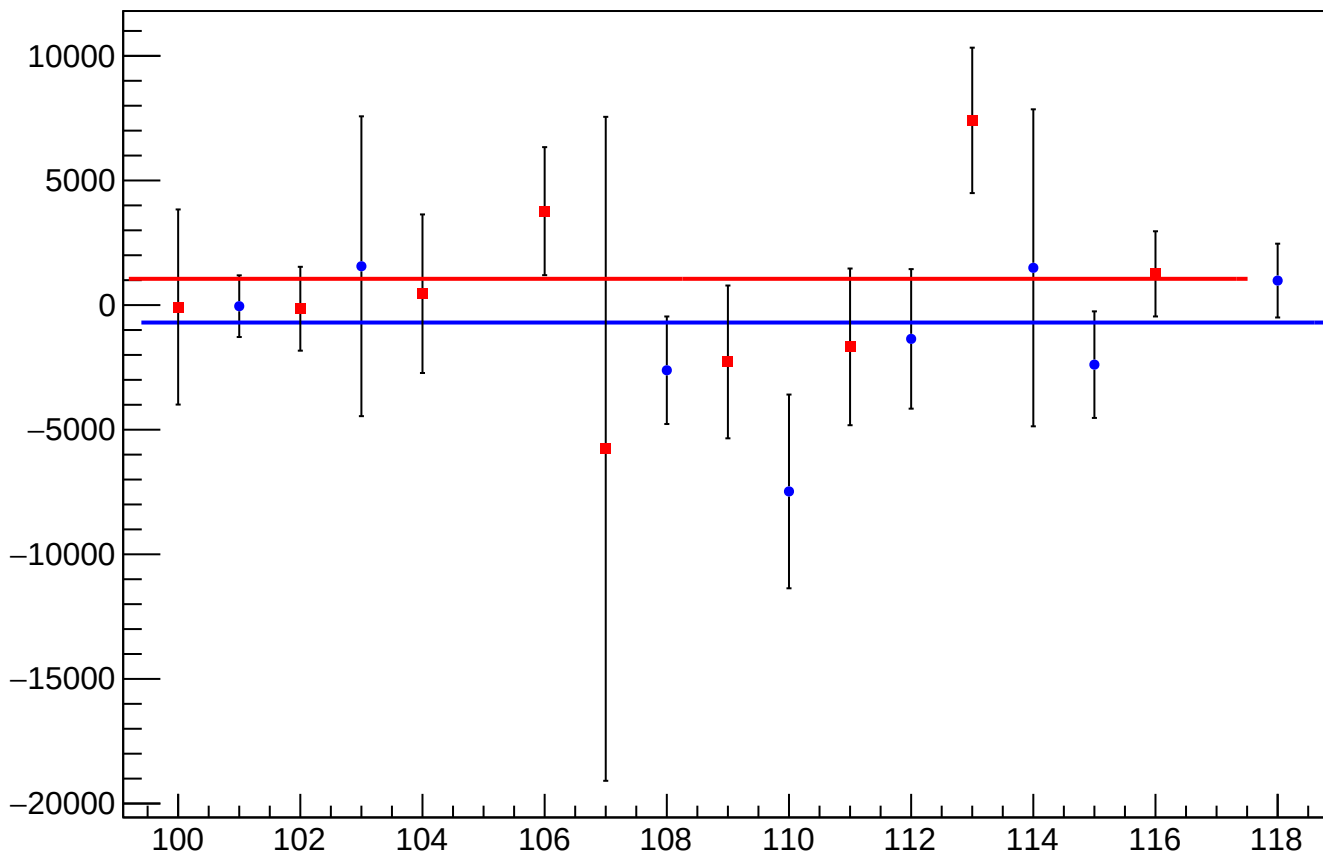
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2923.538 $\pm$ 0.800 χ^2 /NDF: 292198.7/16

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

asym_atl1_cor_correction_mean vs Slug



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: 1054.067+/-863.240 χ^2/NDF : 8.7/8

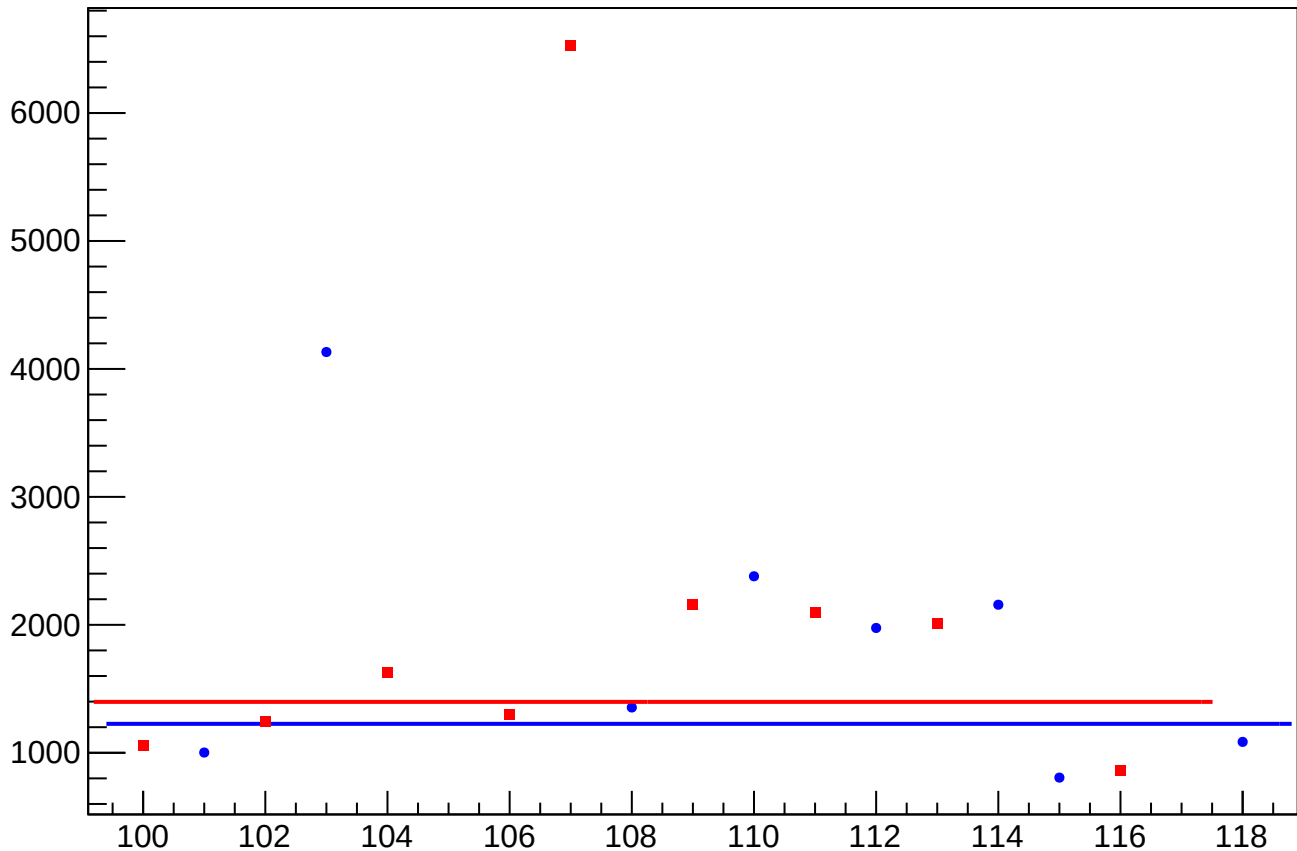
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.846+/-565.159 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_rms vs Slug



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: 1397.822+/-0.610 χ^2/NDF : 849802.3/8

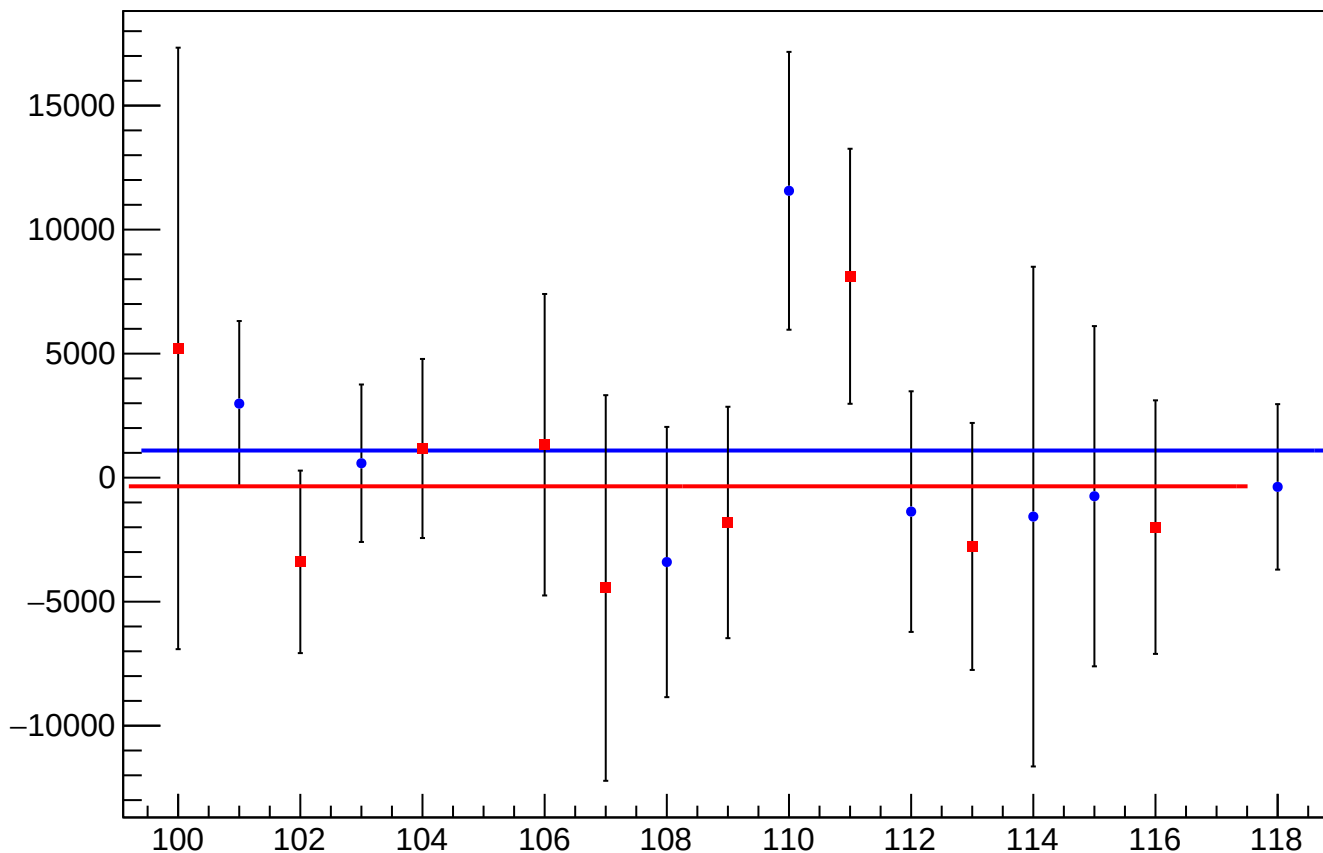
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.789+/-0.400 χ^2/NDF : 1892027.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_mean vs Slug



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: -349.012+/-1658.703 χ^2/NDF : 4.6/8

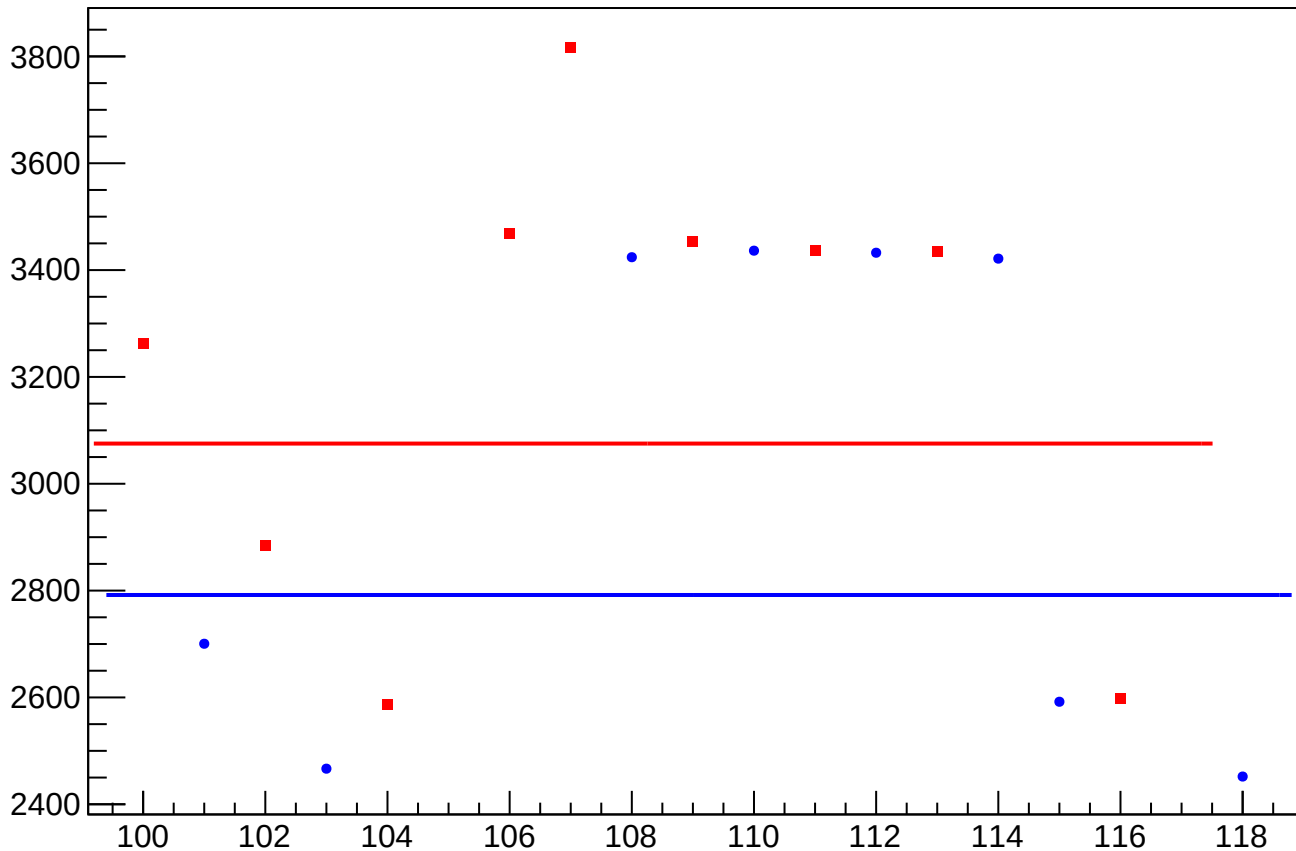
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.295+/-1130.864 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_rms vs Slug



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: 3075.234+/-1.173 χ^2/NDF : 119845.3/8

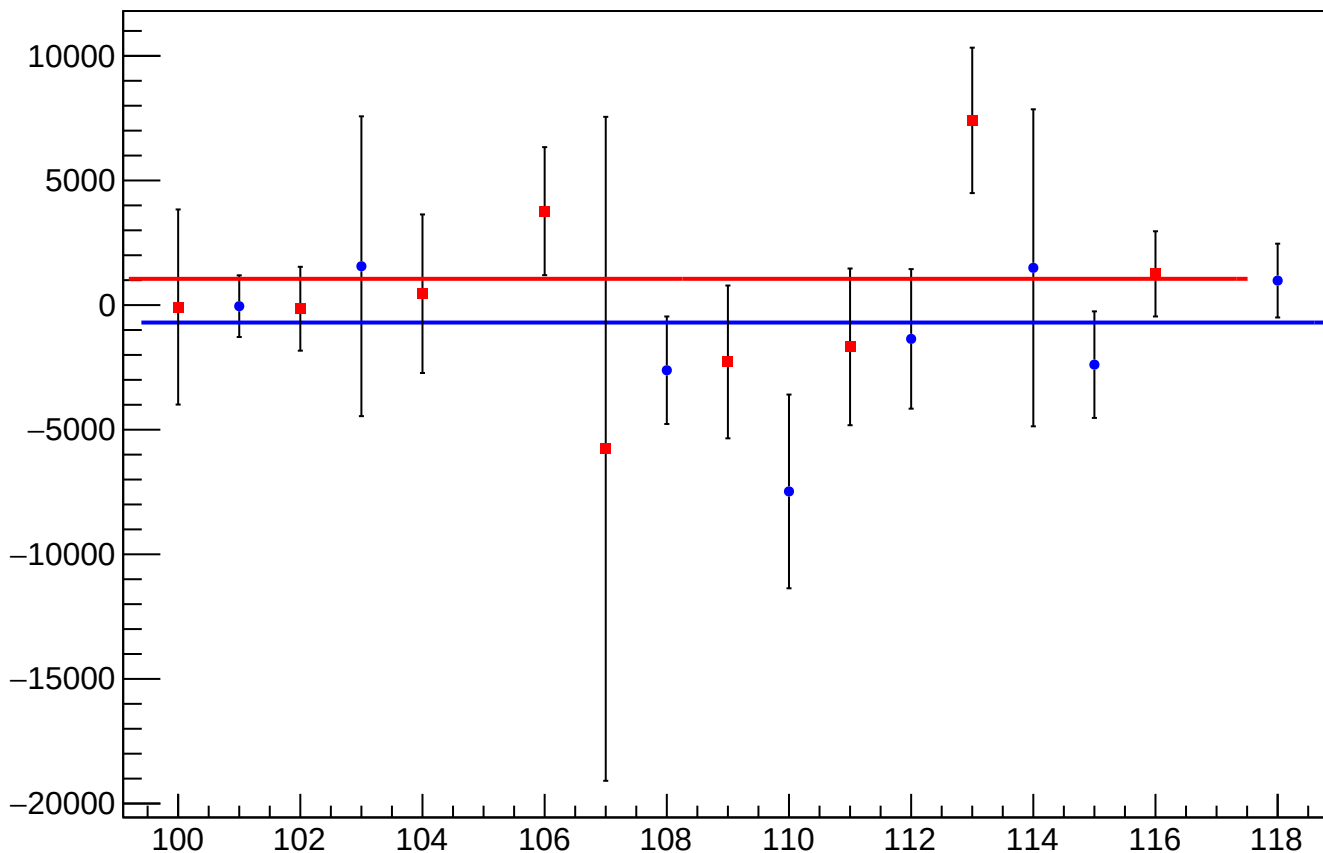
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2923.538+/-0.800 χ^2/NDF : 292198.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



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: 1054.067+/-863.240 χ^2/NDF : 8.7/8

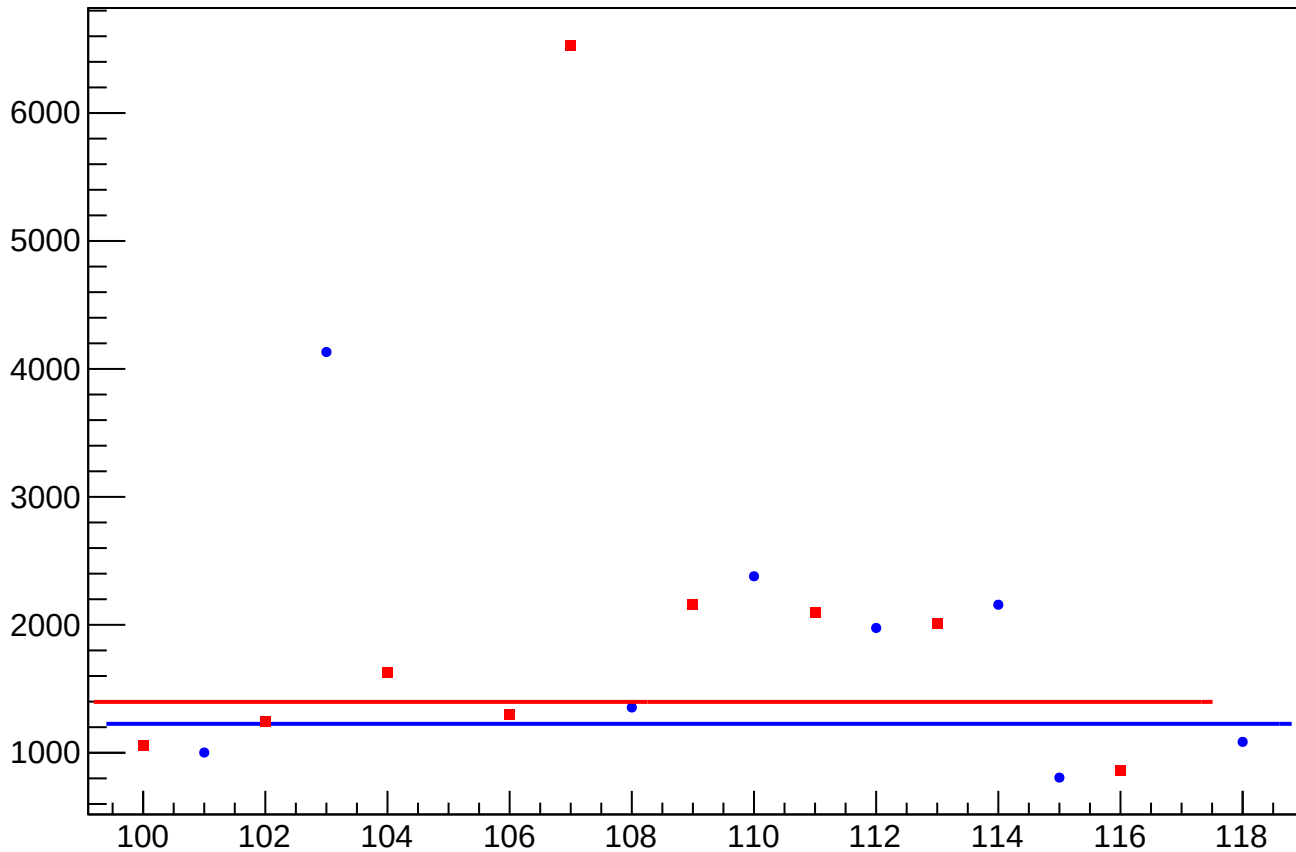
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.846+/-565.159 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



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: 1397.822+/-0.610 χ^2/NDF : 849802.3/8

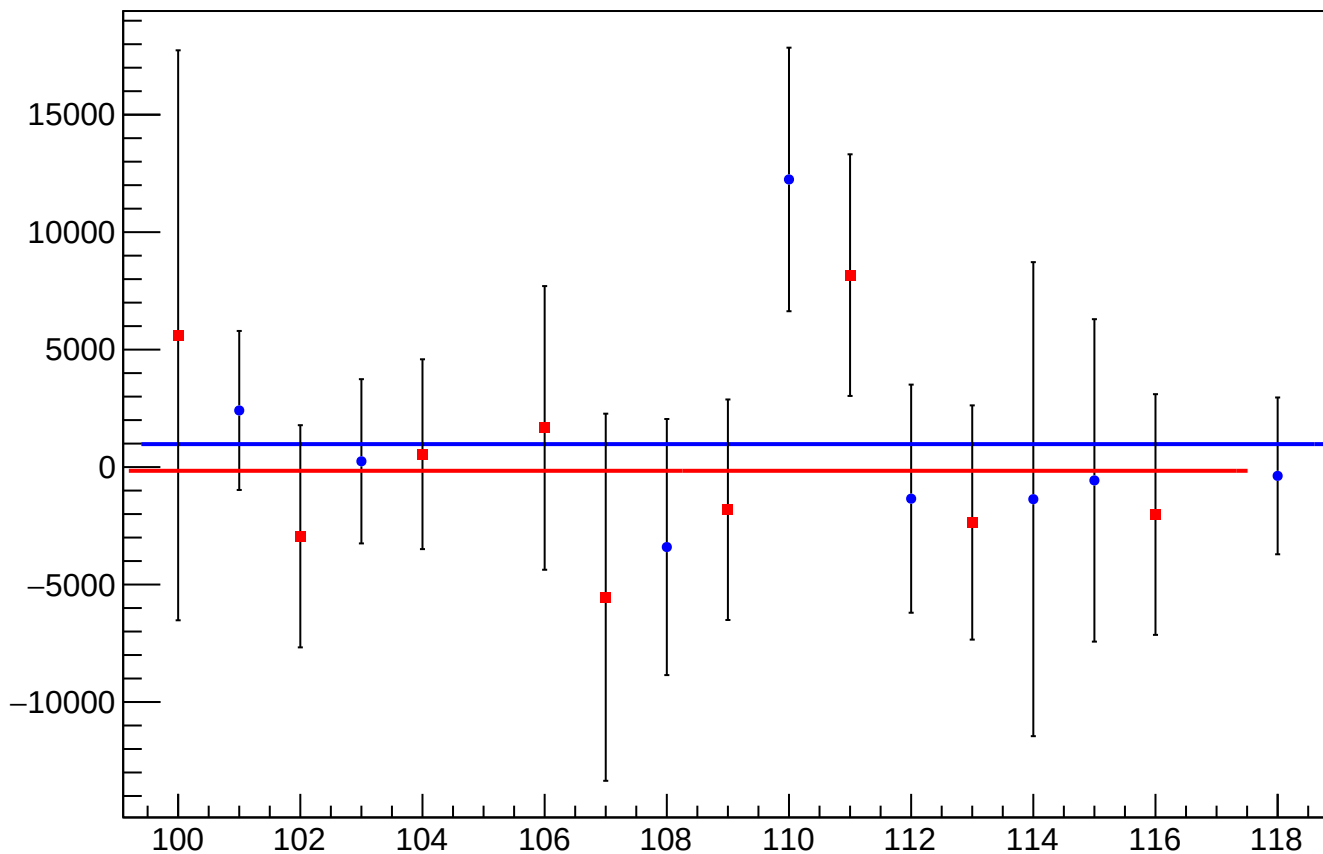
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.789+/-0.400 χ^2/NDF : 1892027.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 977.756 $\pm$ 1585.354 χ^2 /NDF: 5.4/7

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

Right Out: -158.336 $\pm$ 1772.939 χ^2 /NDF: 4.2/8

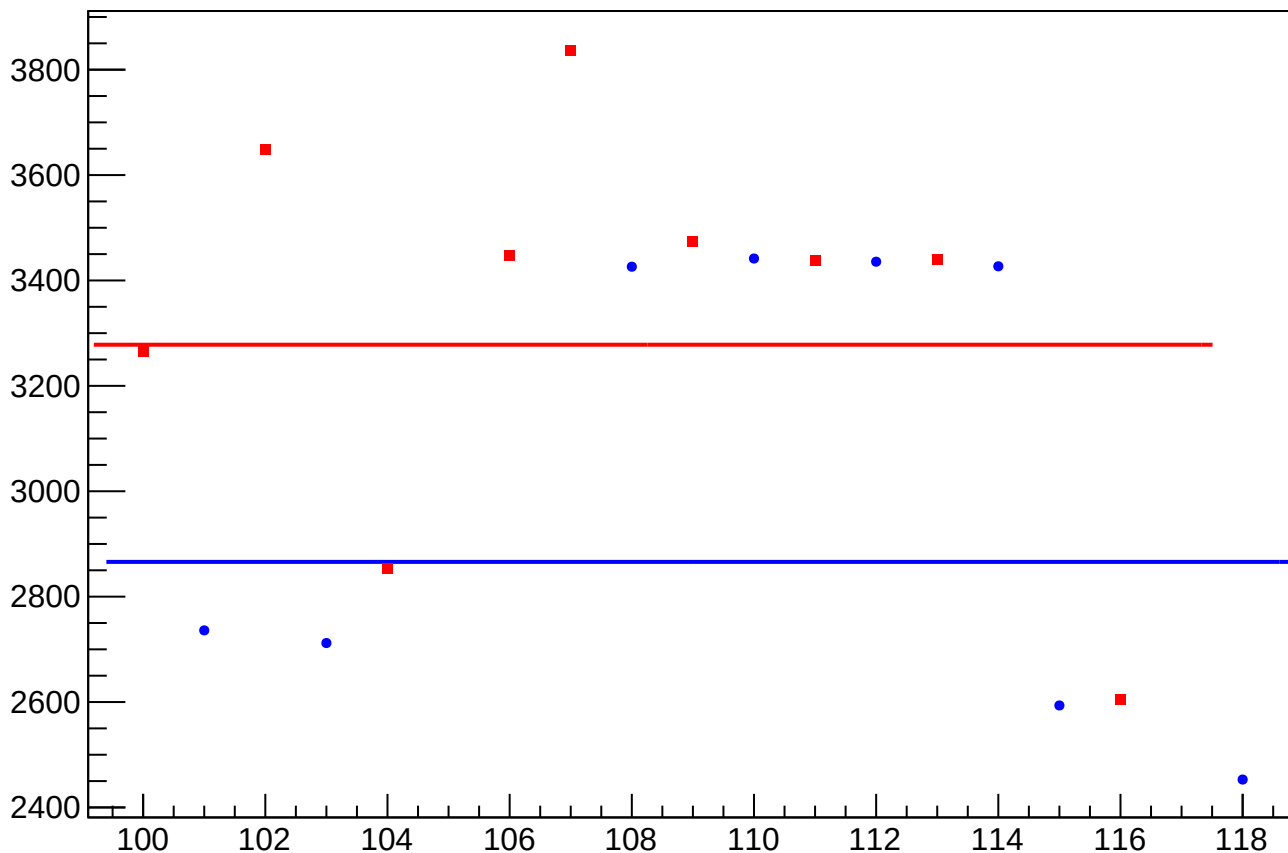
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 472.972 $\pm$ 1181.789 χ^2 /NDF: 9.9/16

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

dit_asym_atl1_rms vs Slug



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: 3278.075+/-1.254 χ^2/NDF : 88218.6/8

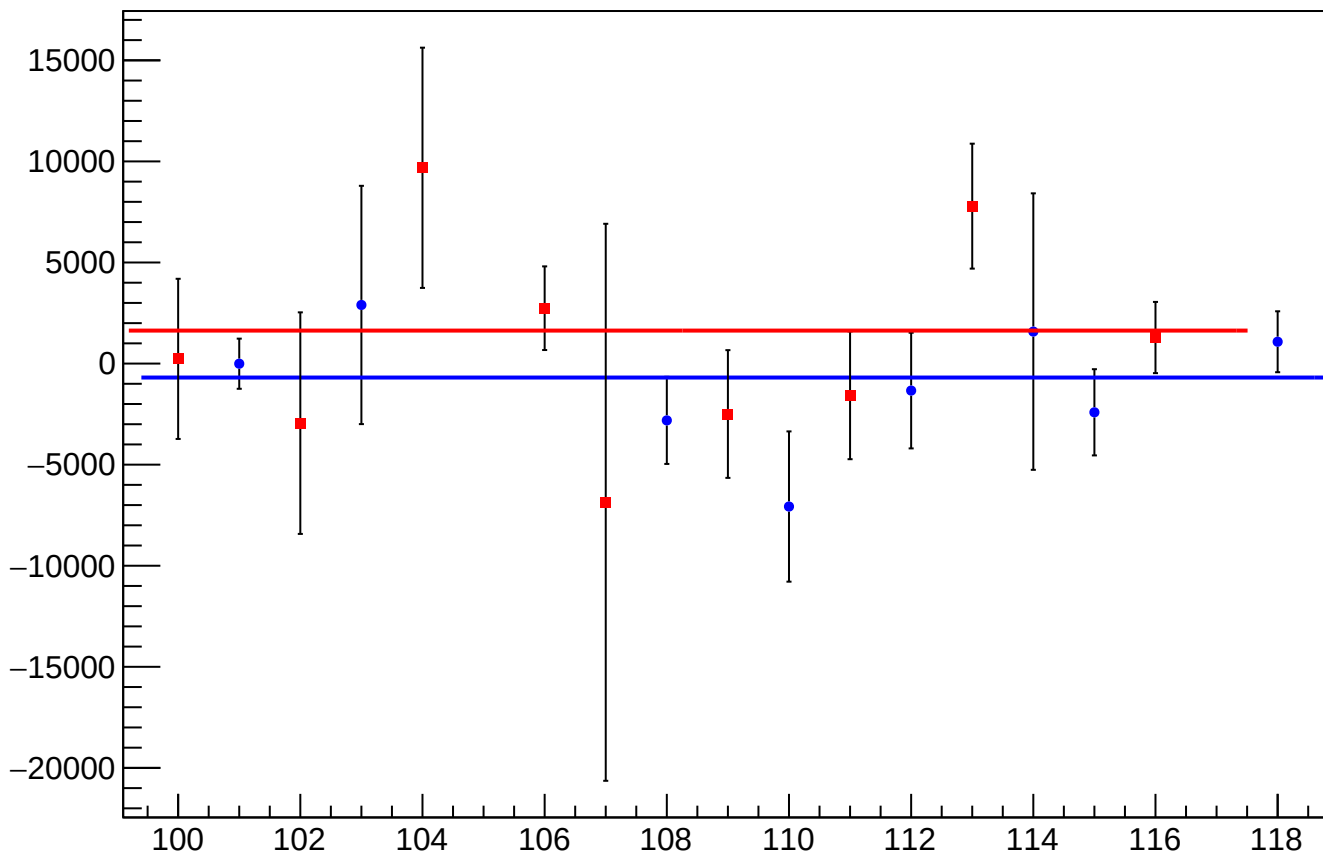
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3049.071+/-0.836 χ^2/NDF : 264799.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_mean vs Slug



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: 1631.690+/-1004.253 χ^2/NDF : 10.1/8

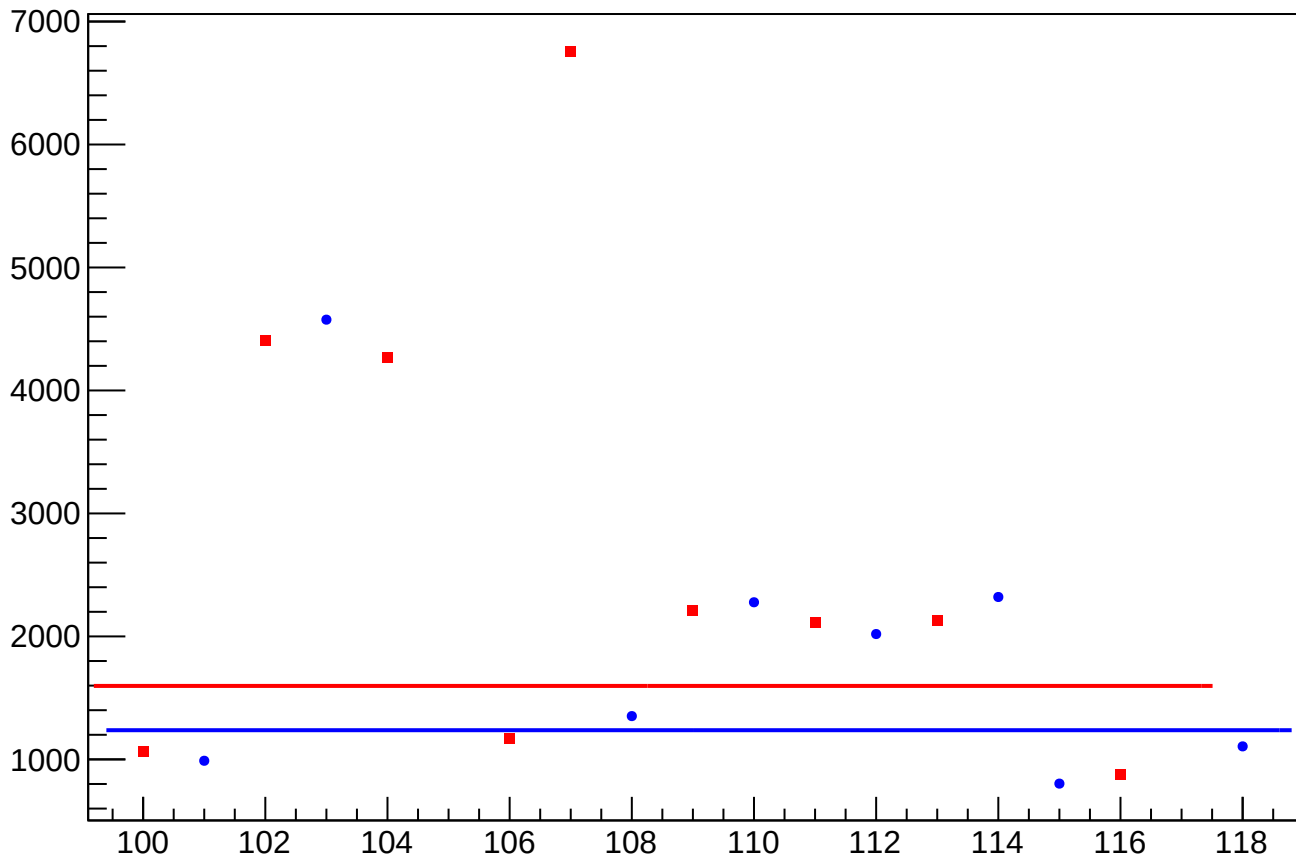
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.089+/-601.724 χ^2/NDF : 20.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1237.299+/-0.531 χ^2/NDF : 1182195.3/7

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

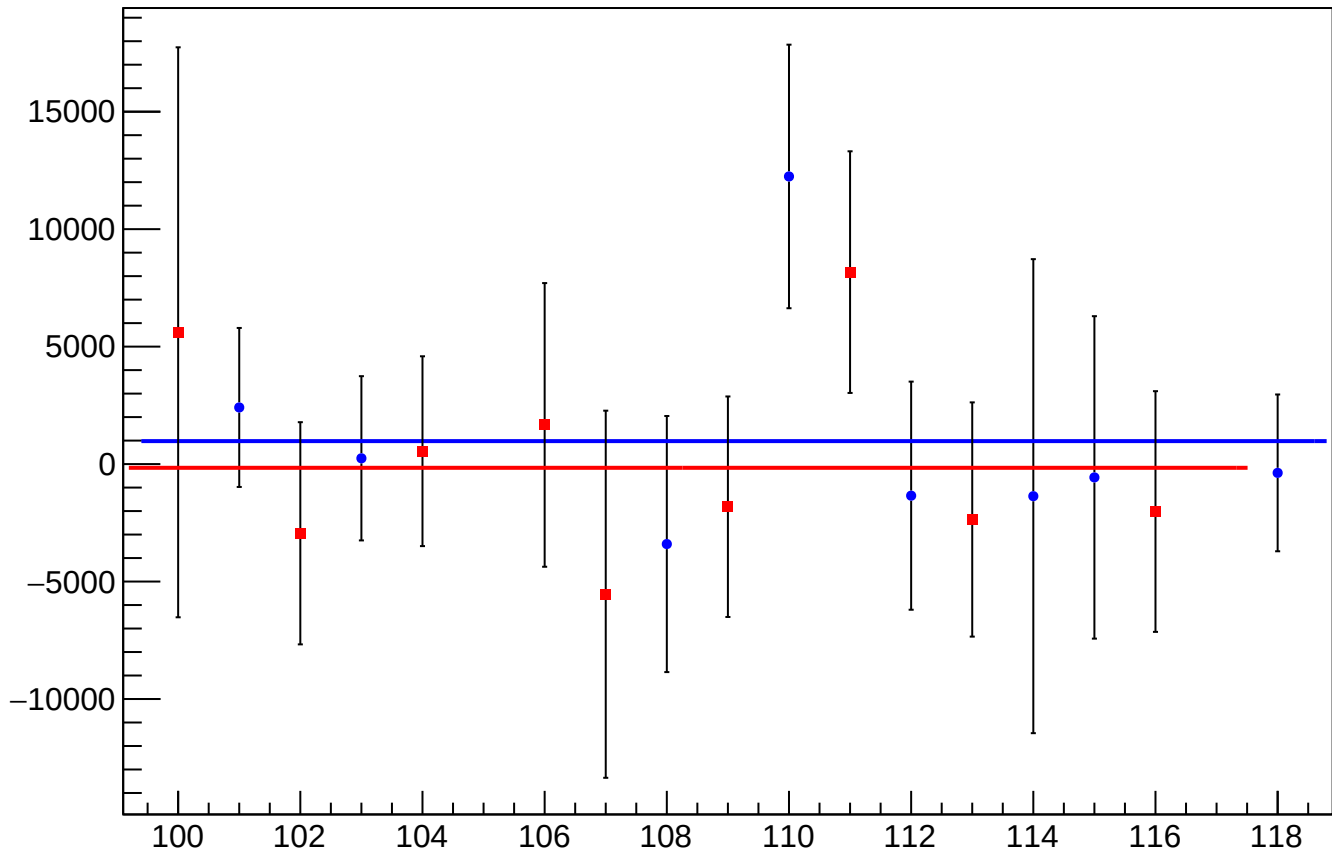
Right Out: 1597.420+/-0.710 χ^2/NDF : 1844576.1/8

All: 1366.586+/-0.425 χ^2/NDF : 3191622.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_dit_asym_atl1_mean vs Slug



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: -158.331+/-1772.938 χ^2/NDF : 4.2/8

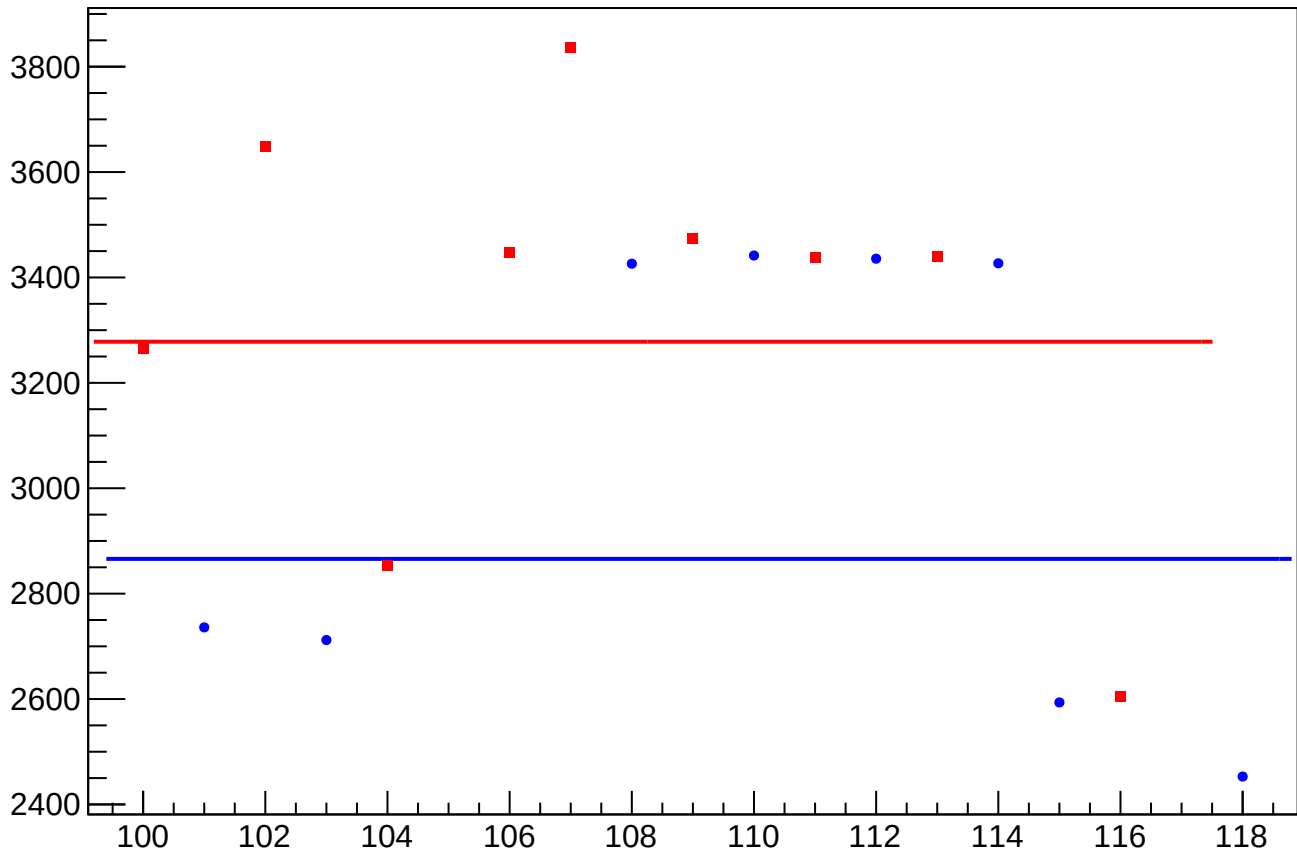
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.971+/-1181.788 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_rms vs Slug



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: 3278.073+/-1.254 χ^2/NDF : 88219.1/8

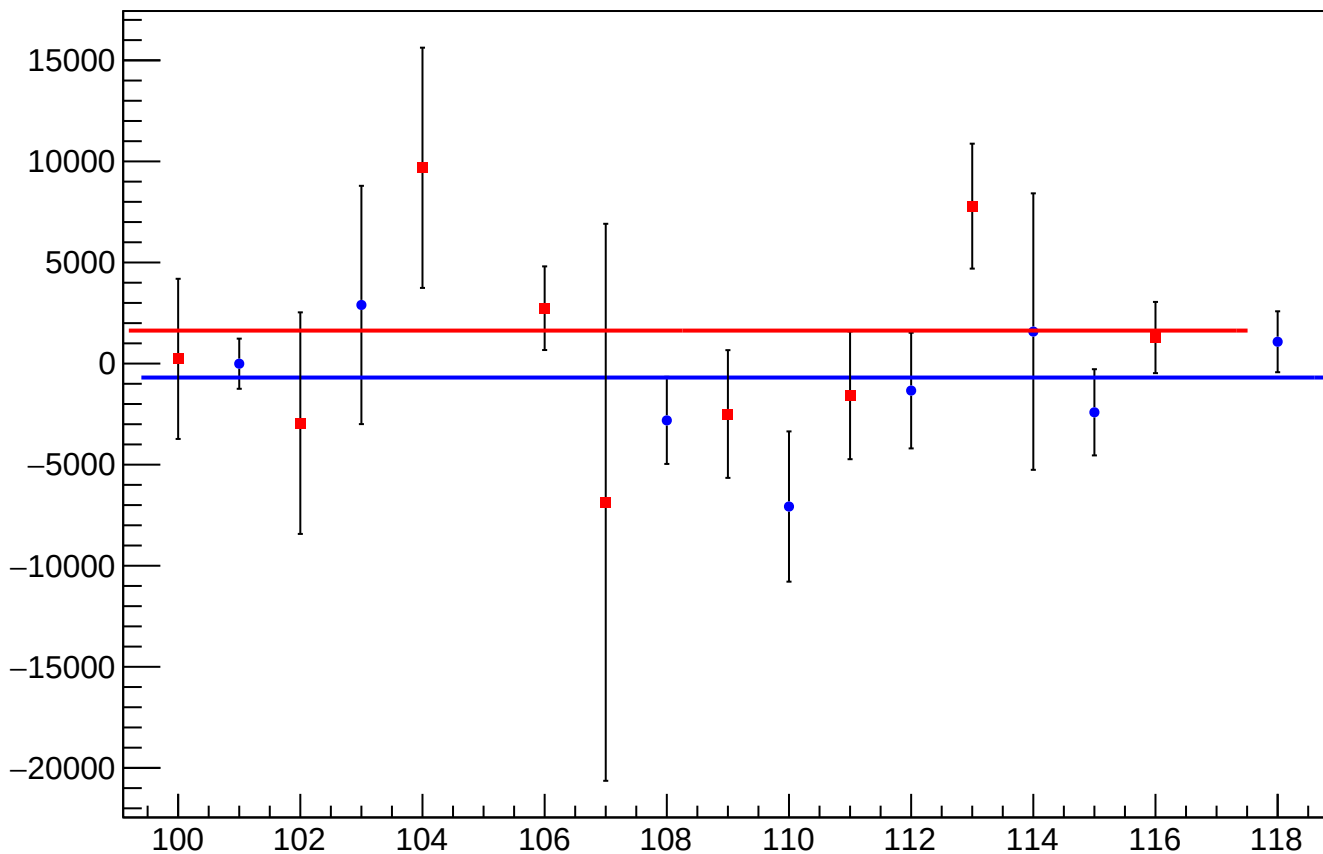
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3049.069+/-0.836 χ^2/NDF : 264799.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_mean vs Slug



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: 1631.686+/-1004.252 χ^2/NDF : 10.1/8

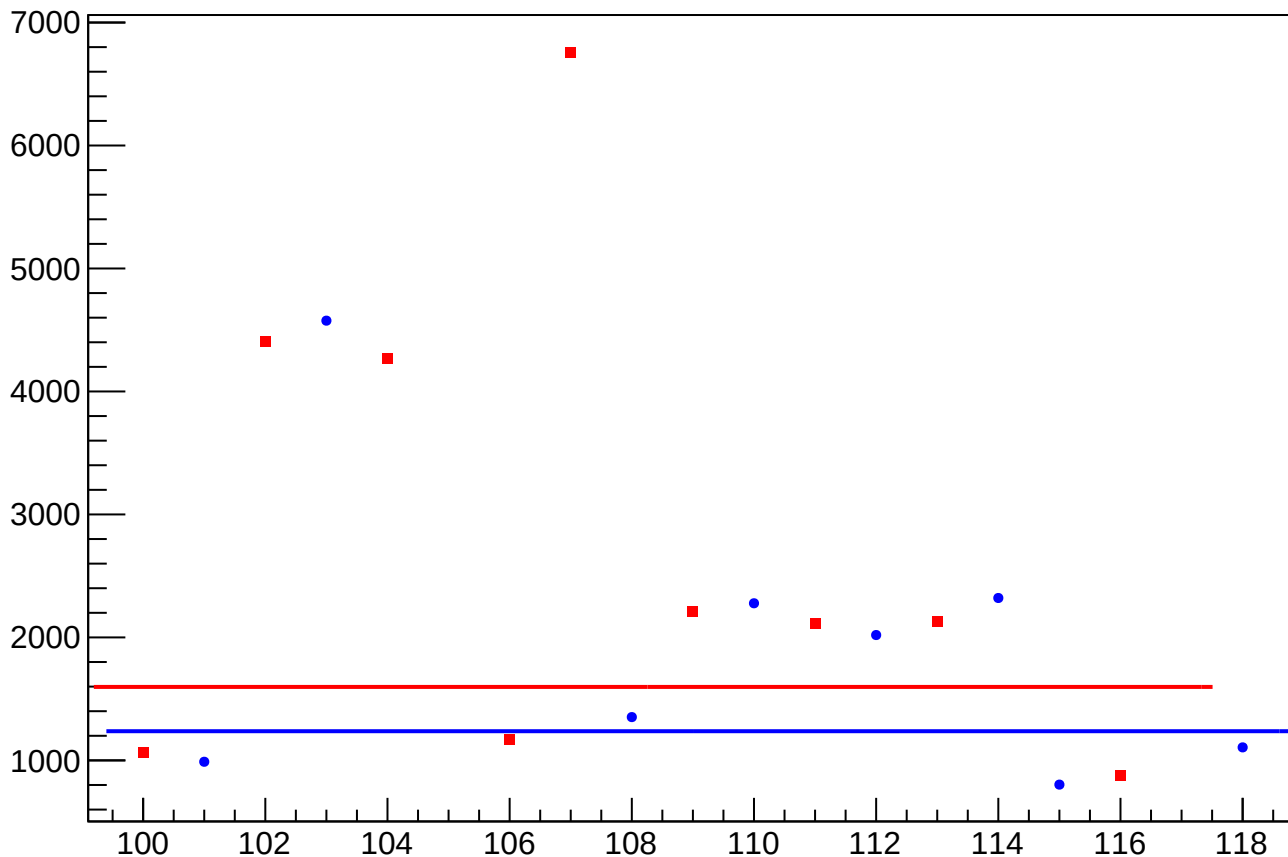
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.086+/-601.723 χ^2/NDF : 20.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



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: 1597.417+/-0.710 χ^2/NDF : 1844581.2/8

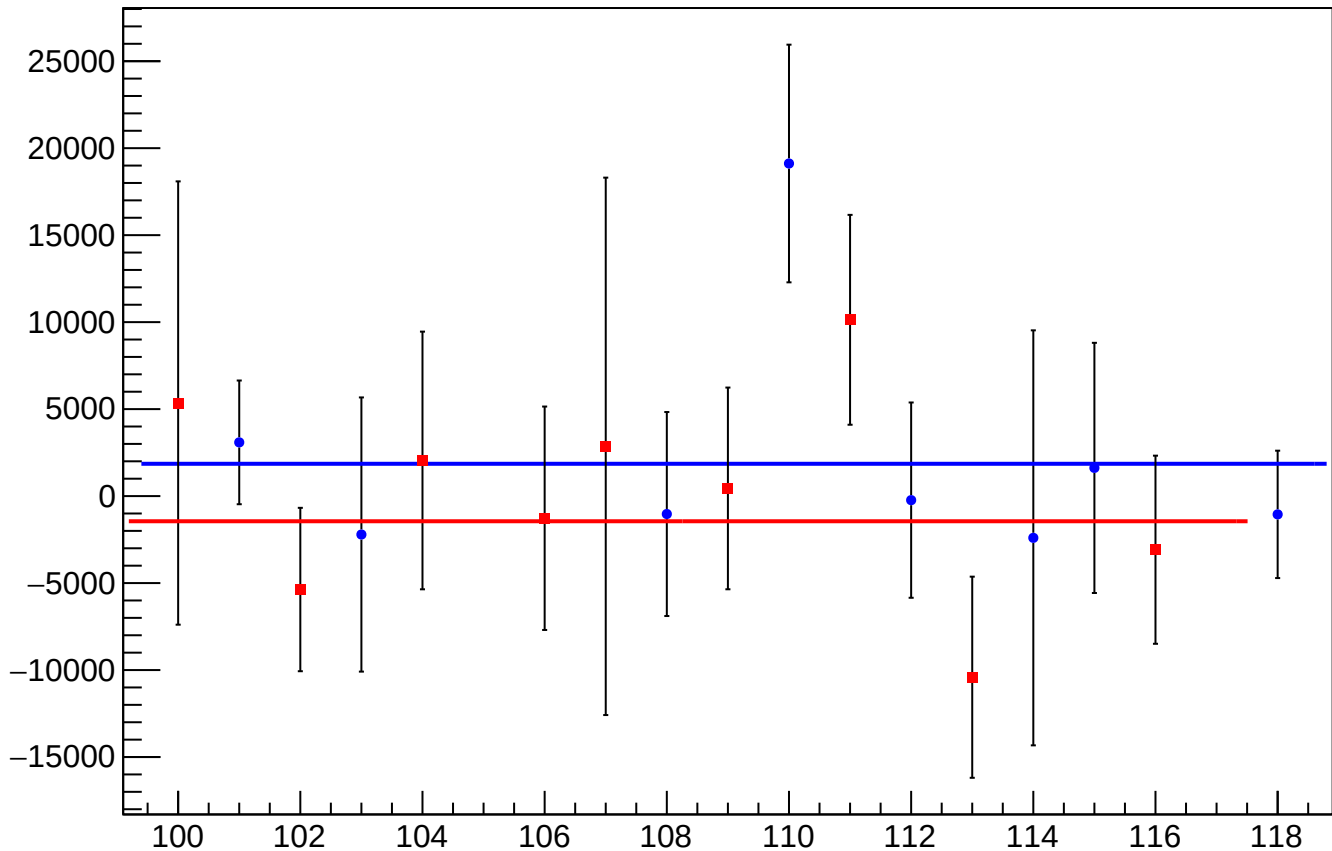
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.584+/-0.425 χ^2/NDF : 3191629.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



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: -1446.306+/-2134.242 χ^2/NDF : 7.6/8

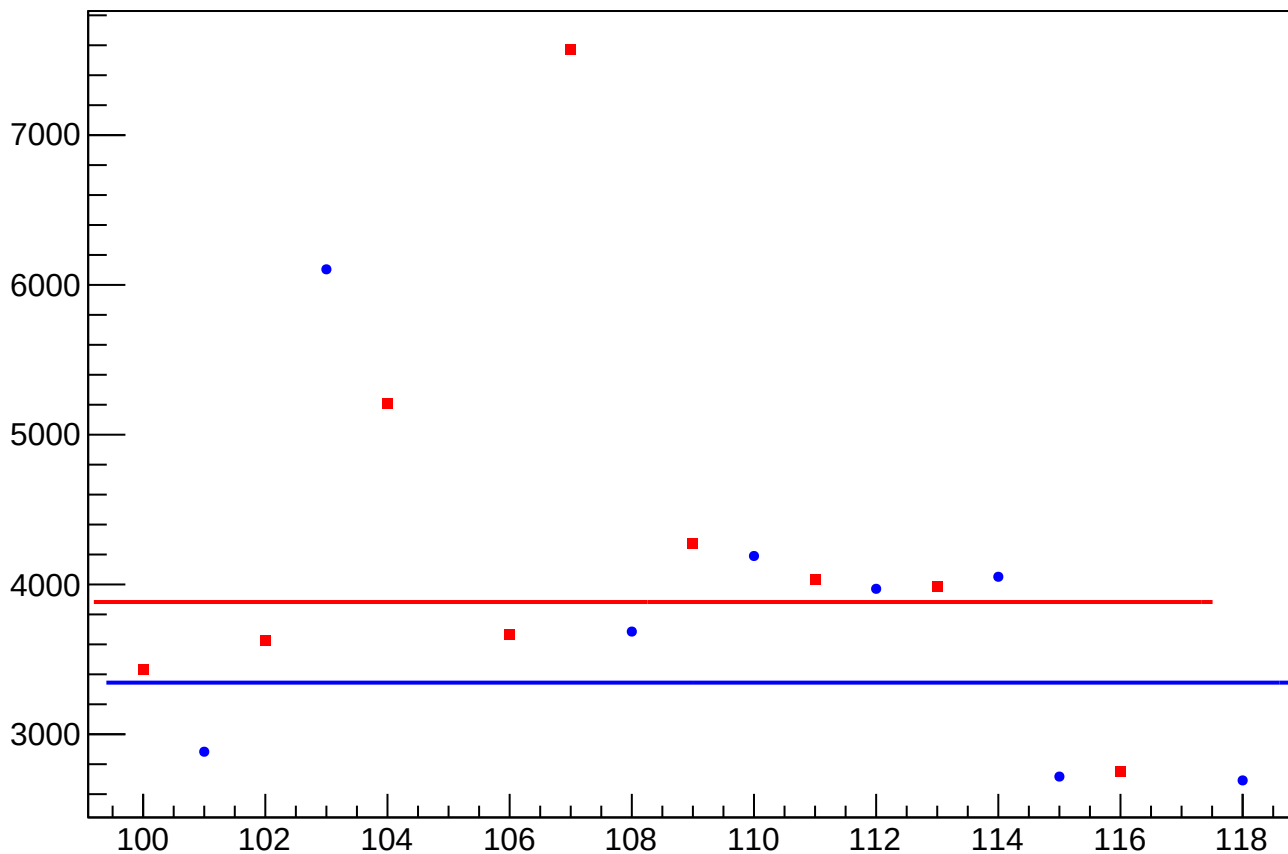
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.918+/-1417.092 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_rms vs Slug



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: 3882.875+/-1.509 χ^2/NDF : 288275.7/8

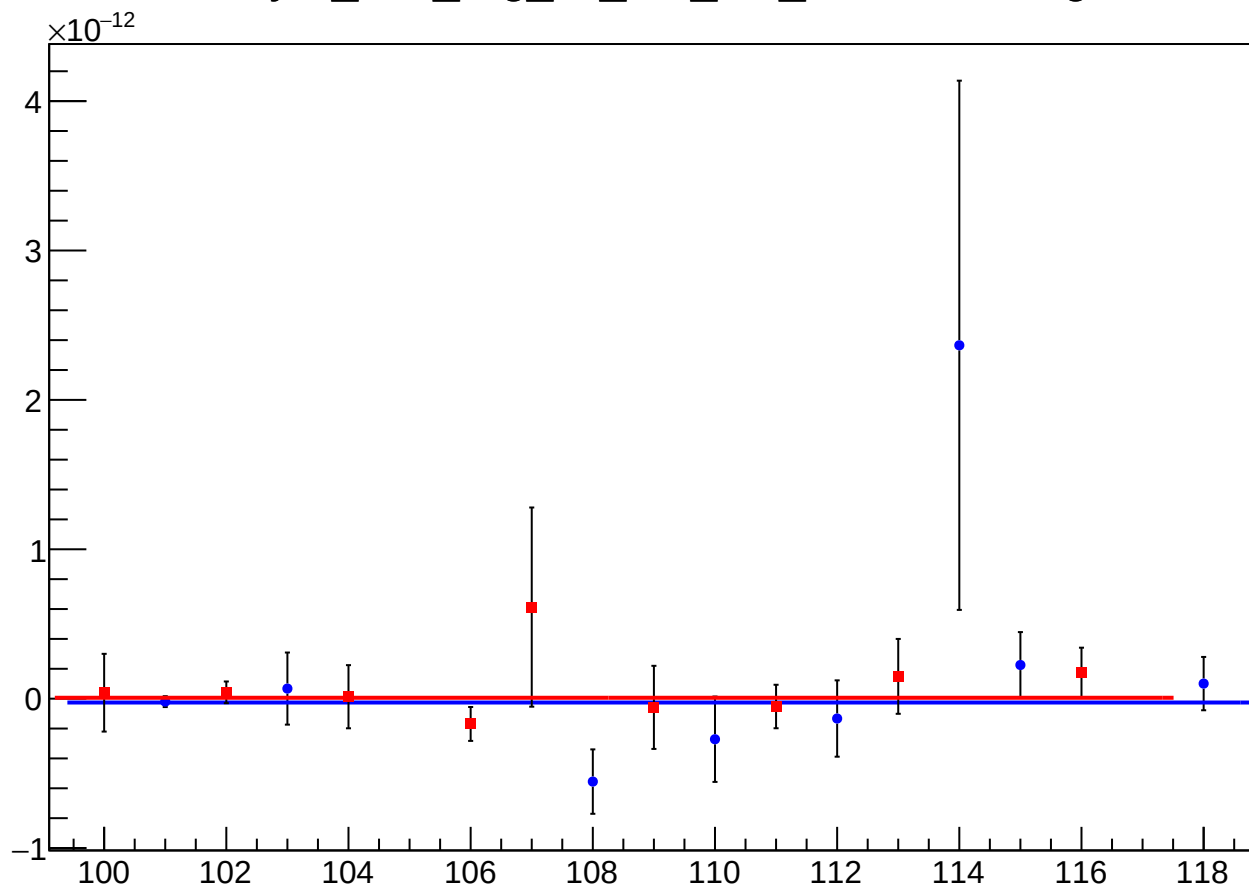
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3581.914+/-1.002 χ^2/NDF : 786448.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 10.7/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 5.0/8

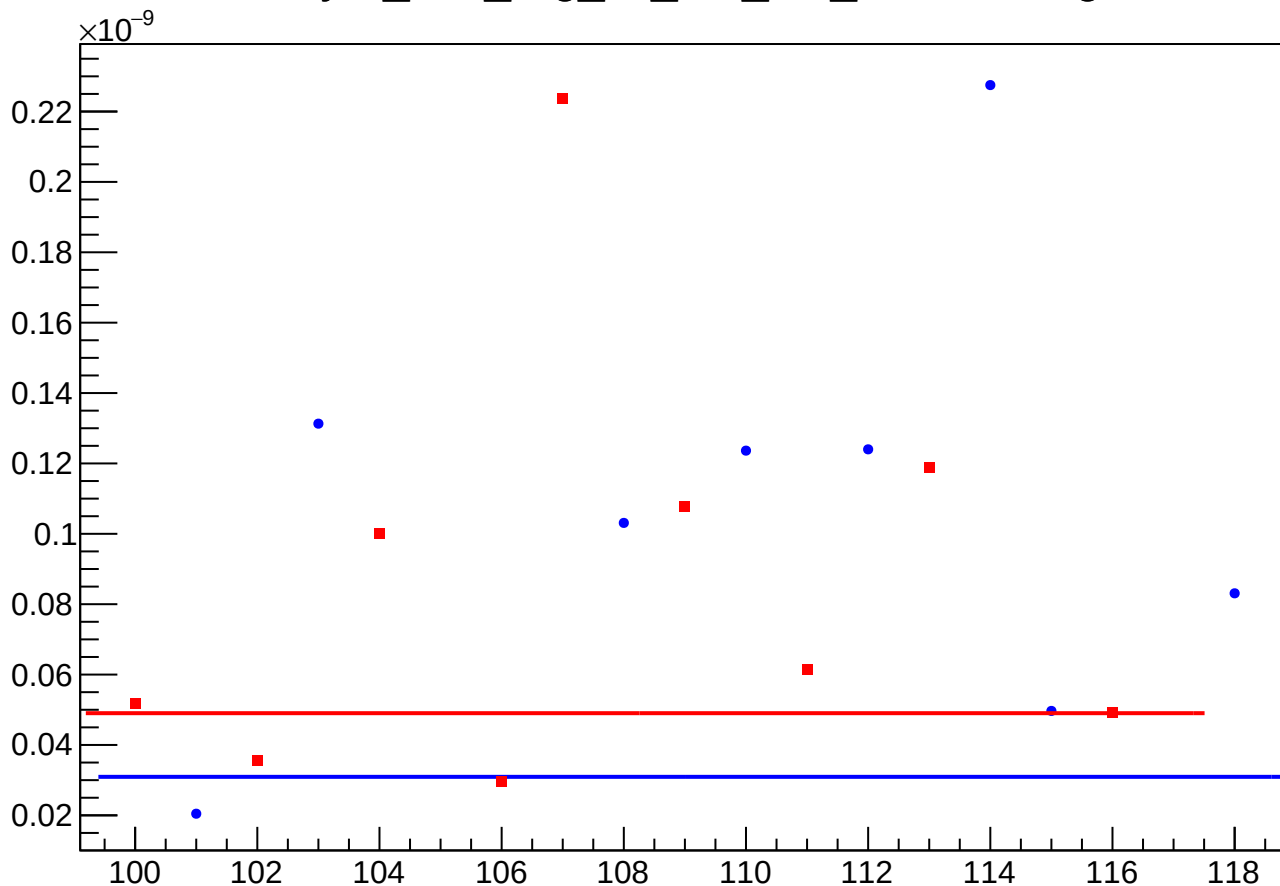
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2/NDF : 16.1/16

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

asym_atl1_reg_vs_cor_diff_rms vs Slug



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 : 639990.1/8

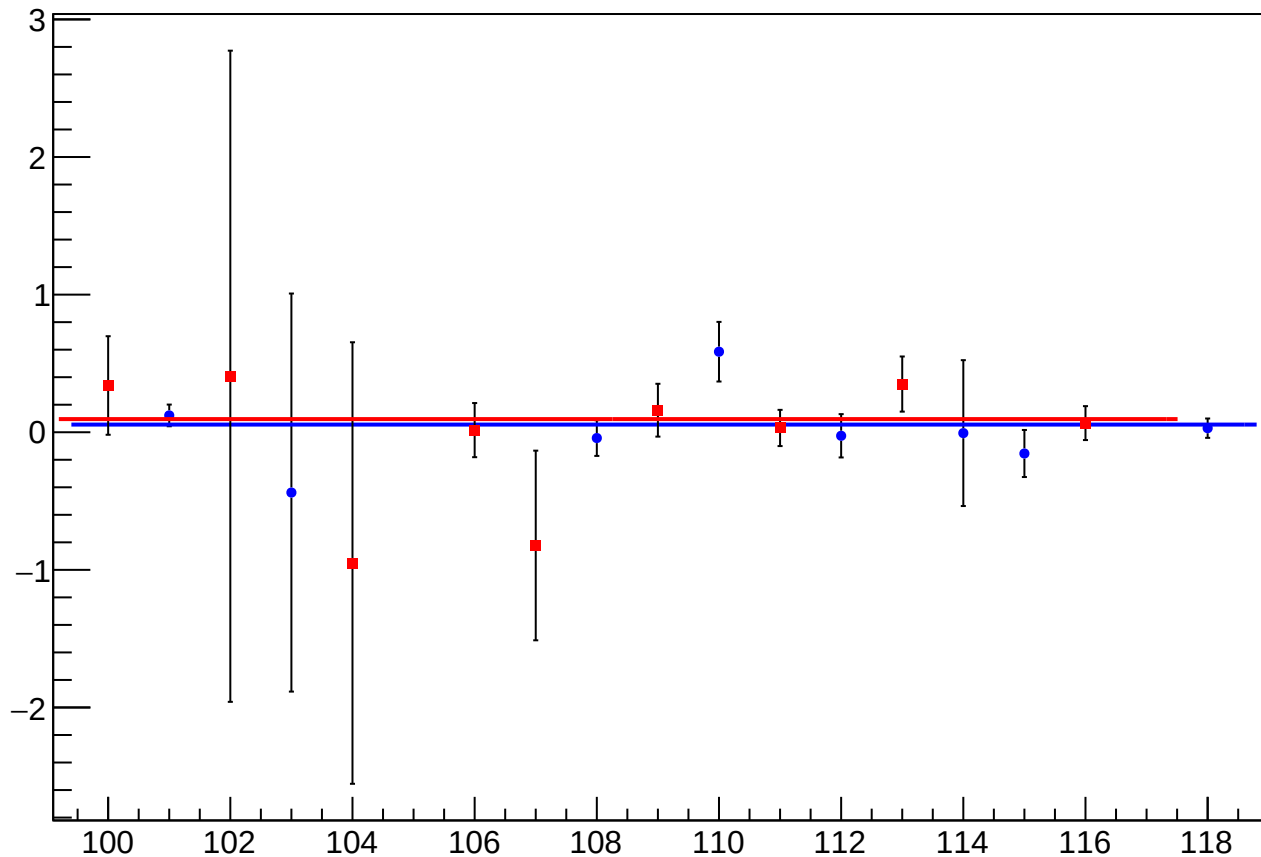
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2246834.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



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: 0.096 $\pm$ 0.069 χ^2 /NDF: 4.9/8

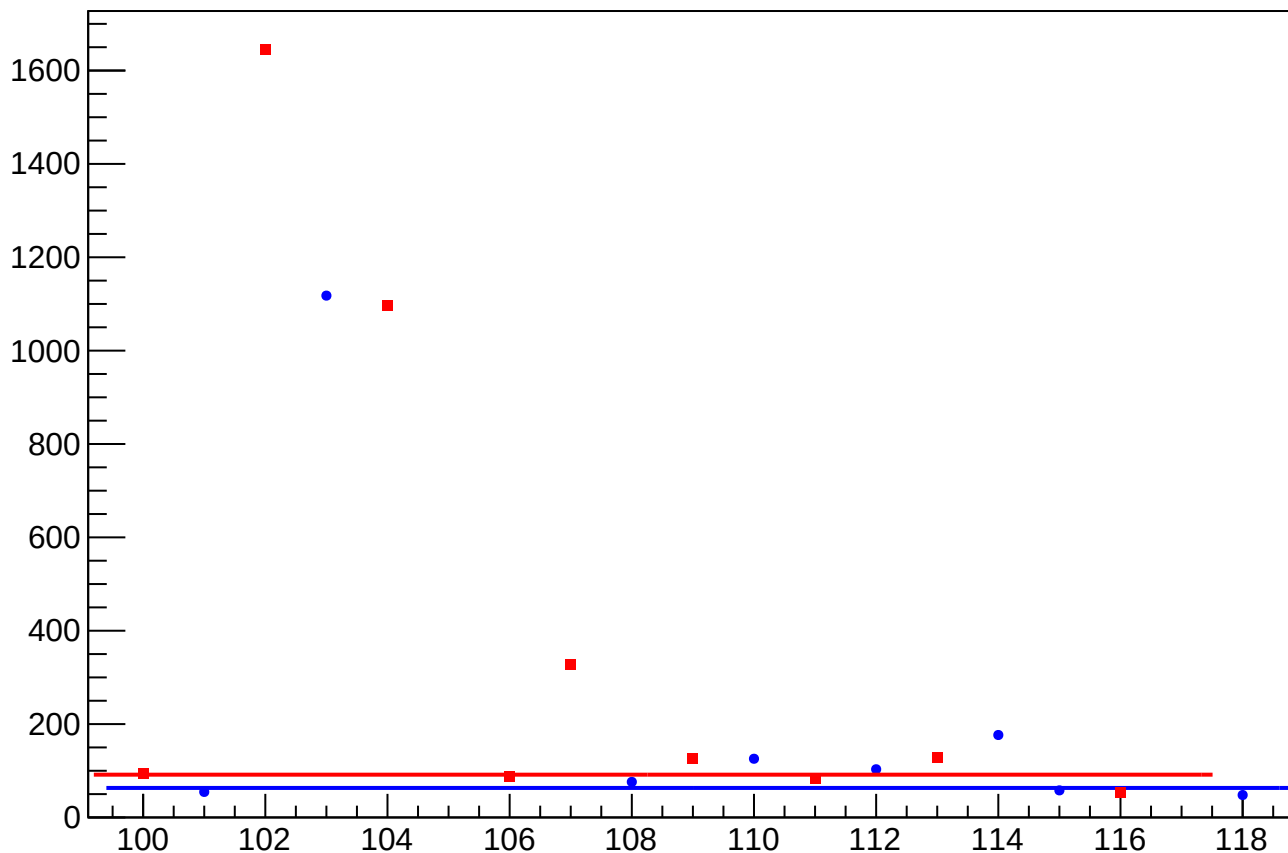
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.067 $\pm$ 0.037 χ^2 /NDF: 14.4/16

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



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: 91.638+/-0.049 χ^2/NDF : 2211340.6/8

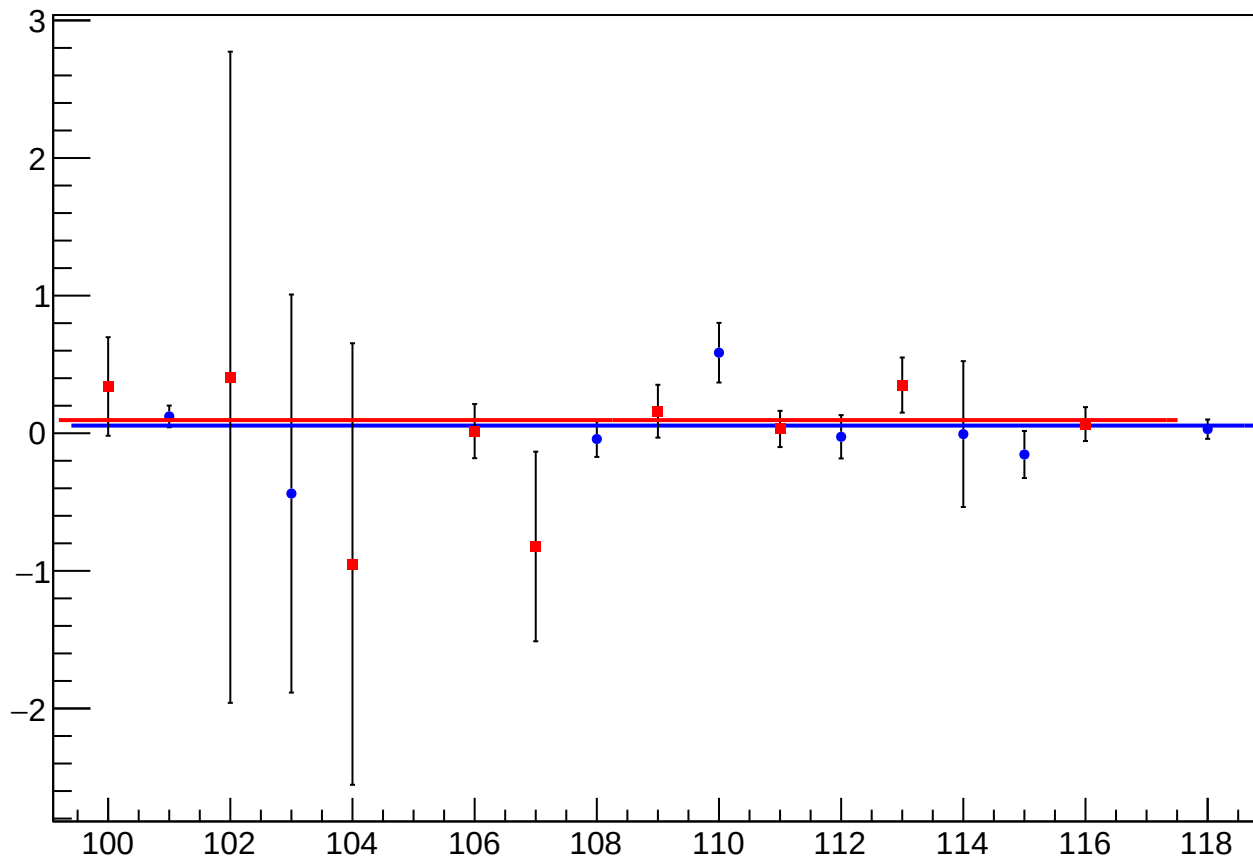
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.425+/-0.026 χ^2/NDF : 4043725.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.096 $\pm$ 0.069 χ^2 /NDF: 4.9/8

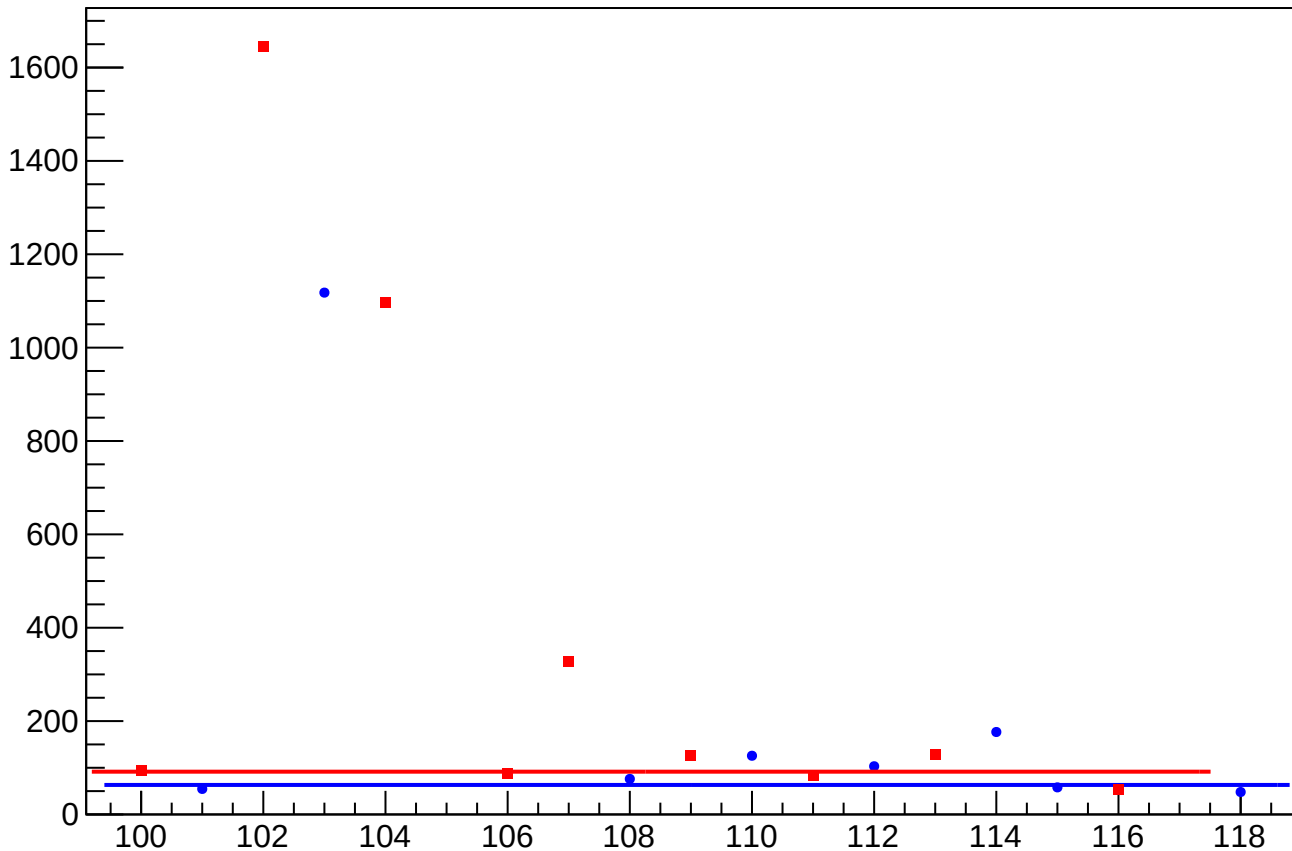
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.067 $\pm$ 0.037 χ^2 /NDF: 14.4/16

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

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



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: 91.638+/-0.049 χ^2/NDF : 2211340.6/8

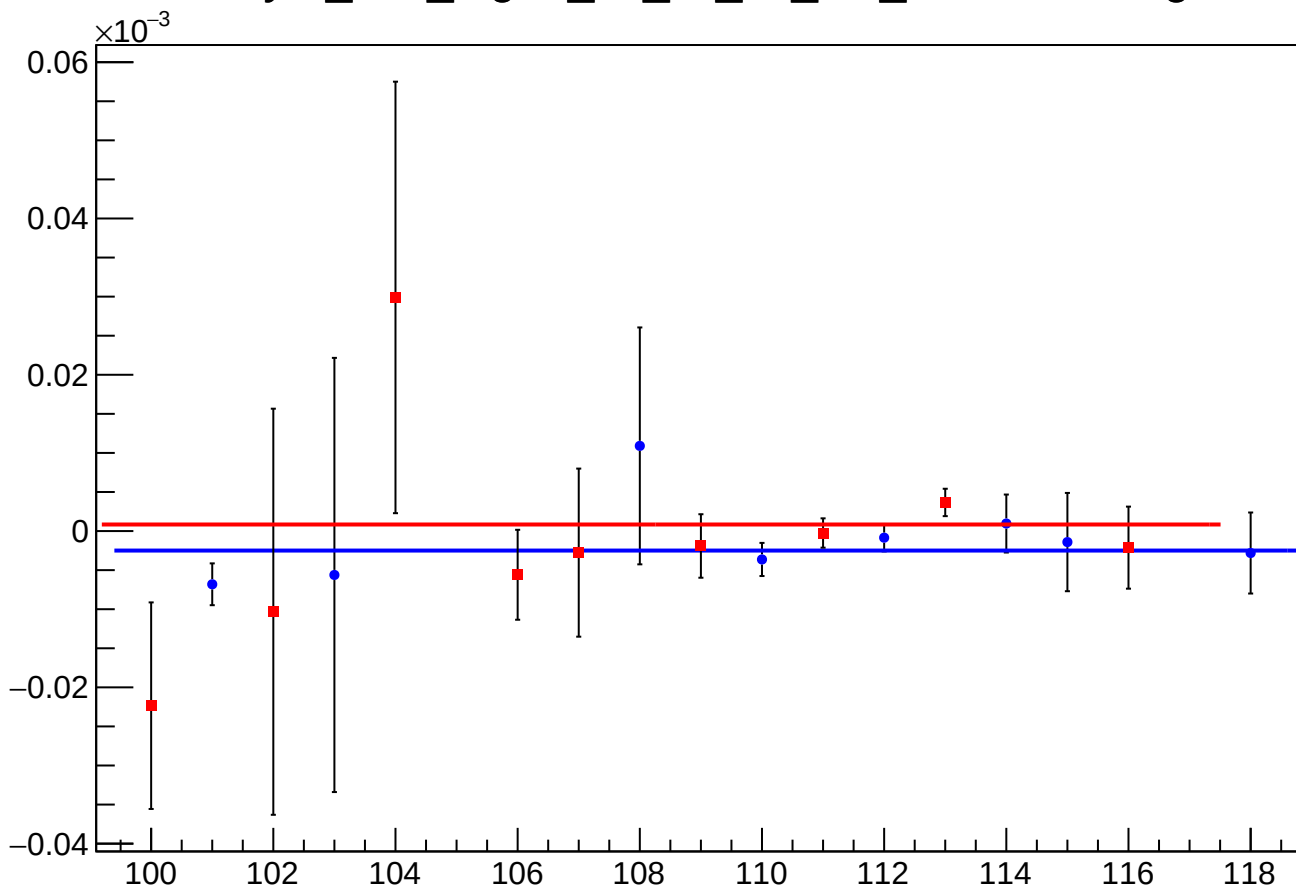
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.425+/-0.026 χ^2/NDF : 4043725.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.4/8

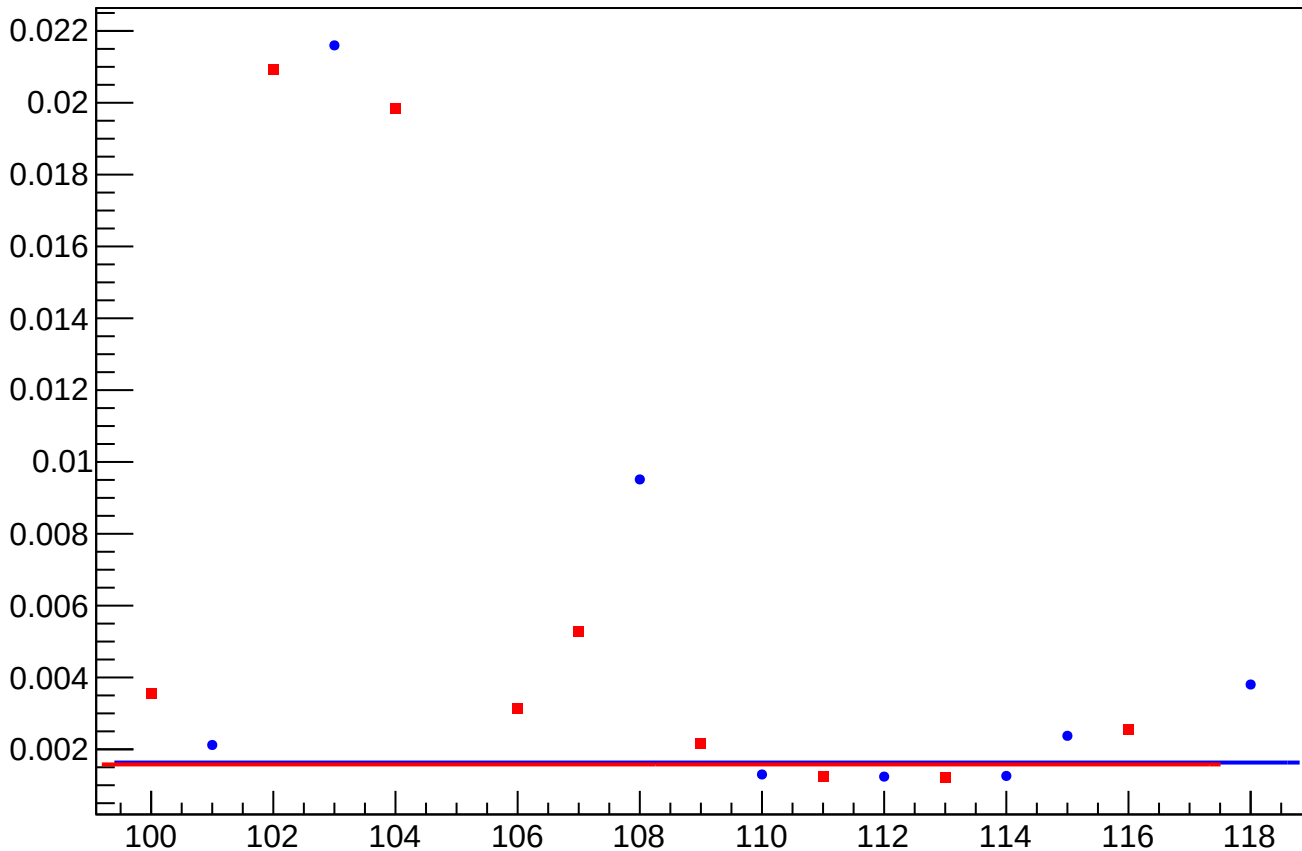
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 19.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2669265.2/8

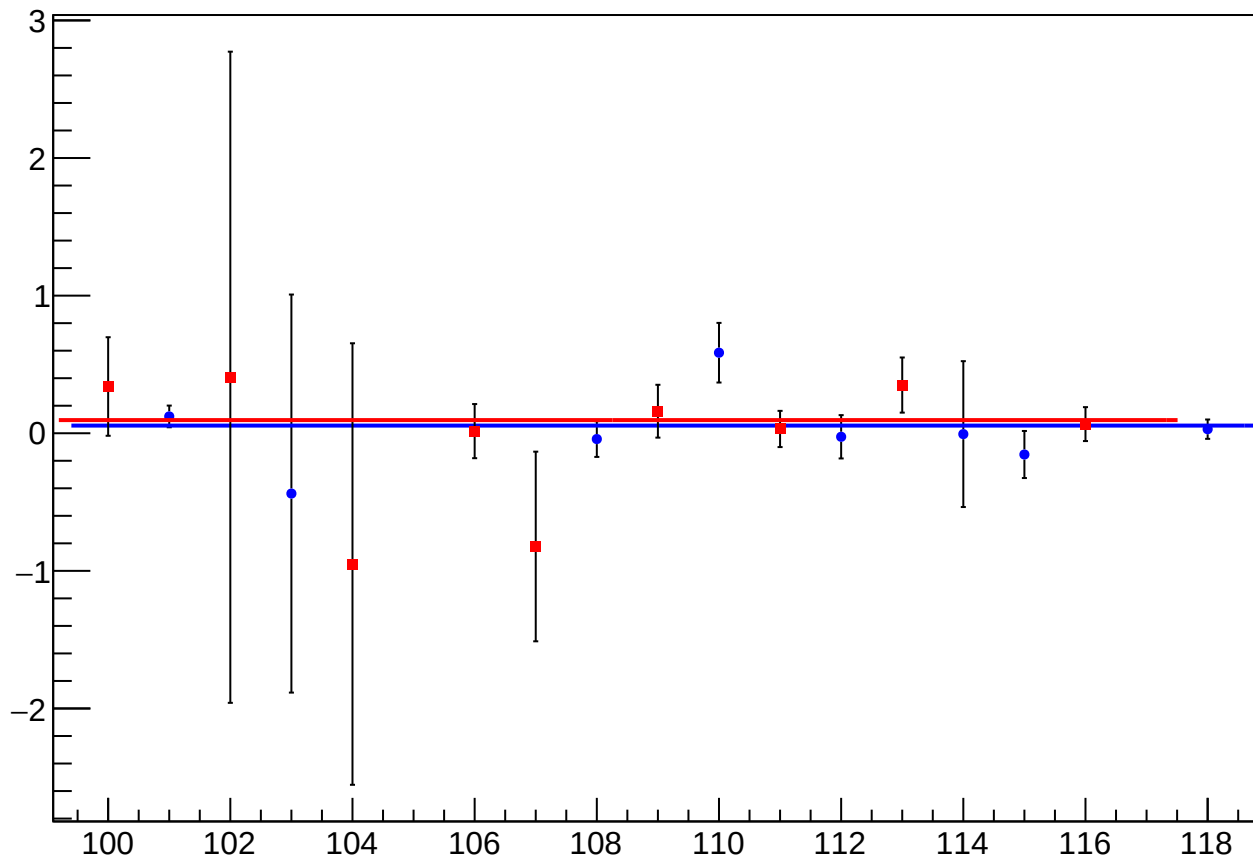
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4860396.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.096+/-0.069 χ^2/NDF : 4.9/8

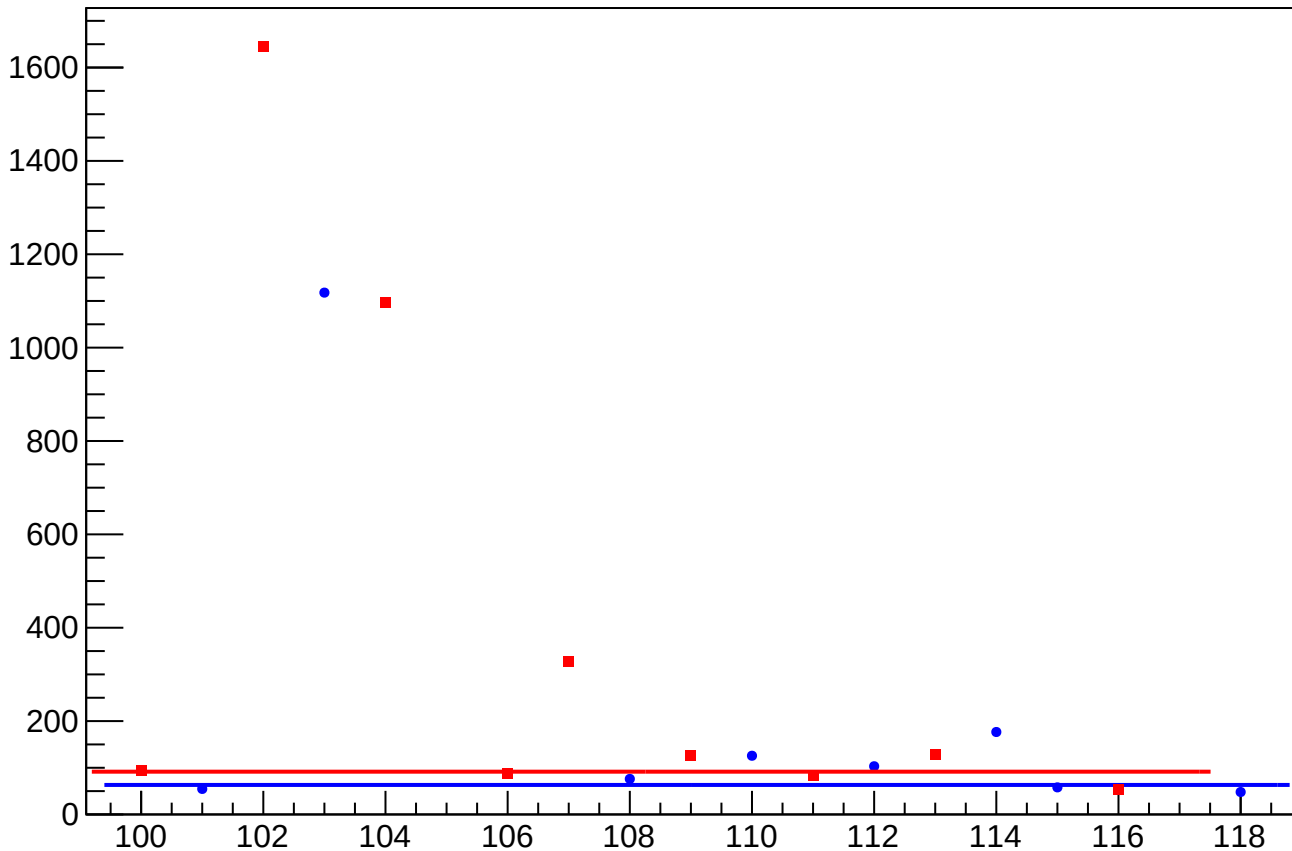
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.037 χ^2/NDF : 14.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



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: 91.637+/-0.049 χ^2/NDF : 2211358.9/8

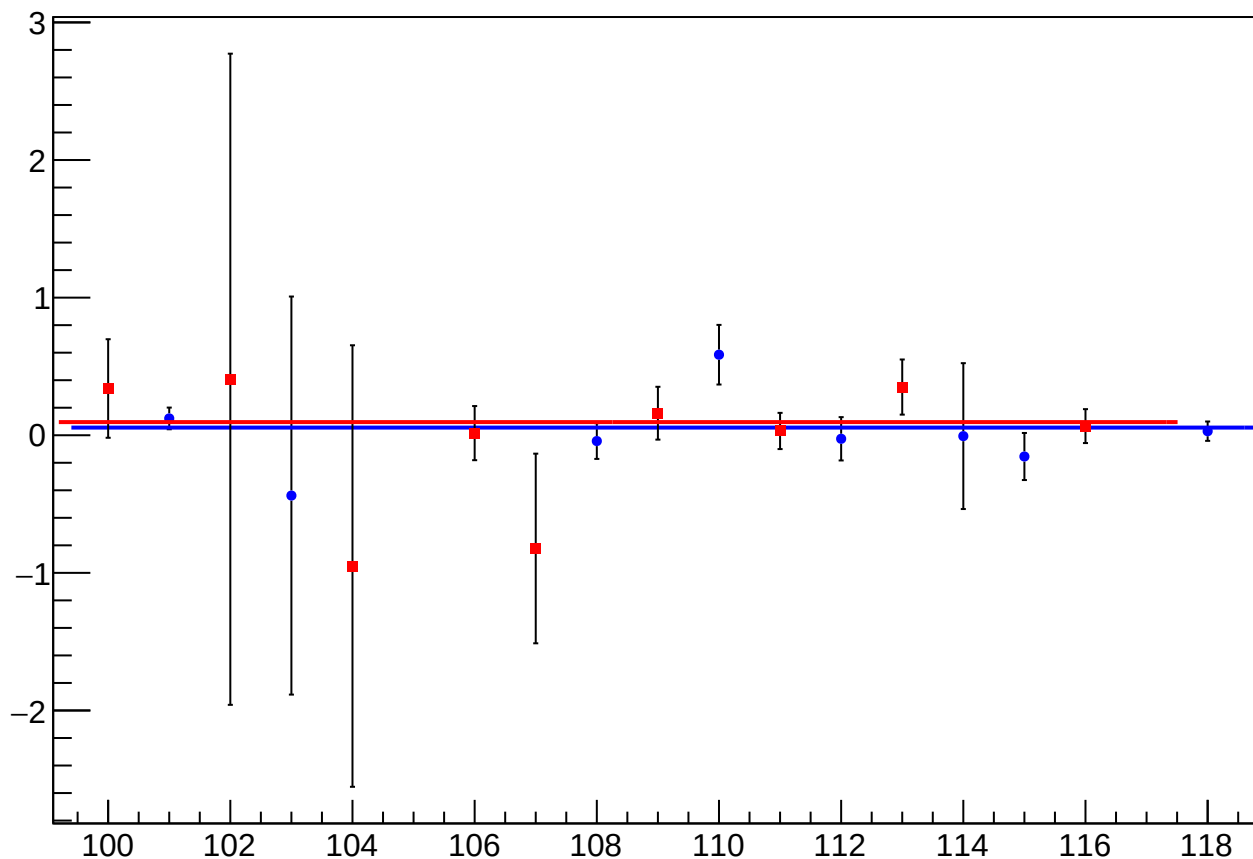
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.424+/-0.026 χ^2/NDF : 4043762.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.096+/-0.069 χ^2/NDF : 4.9/8

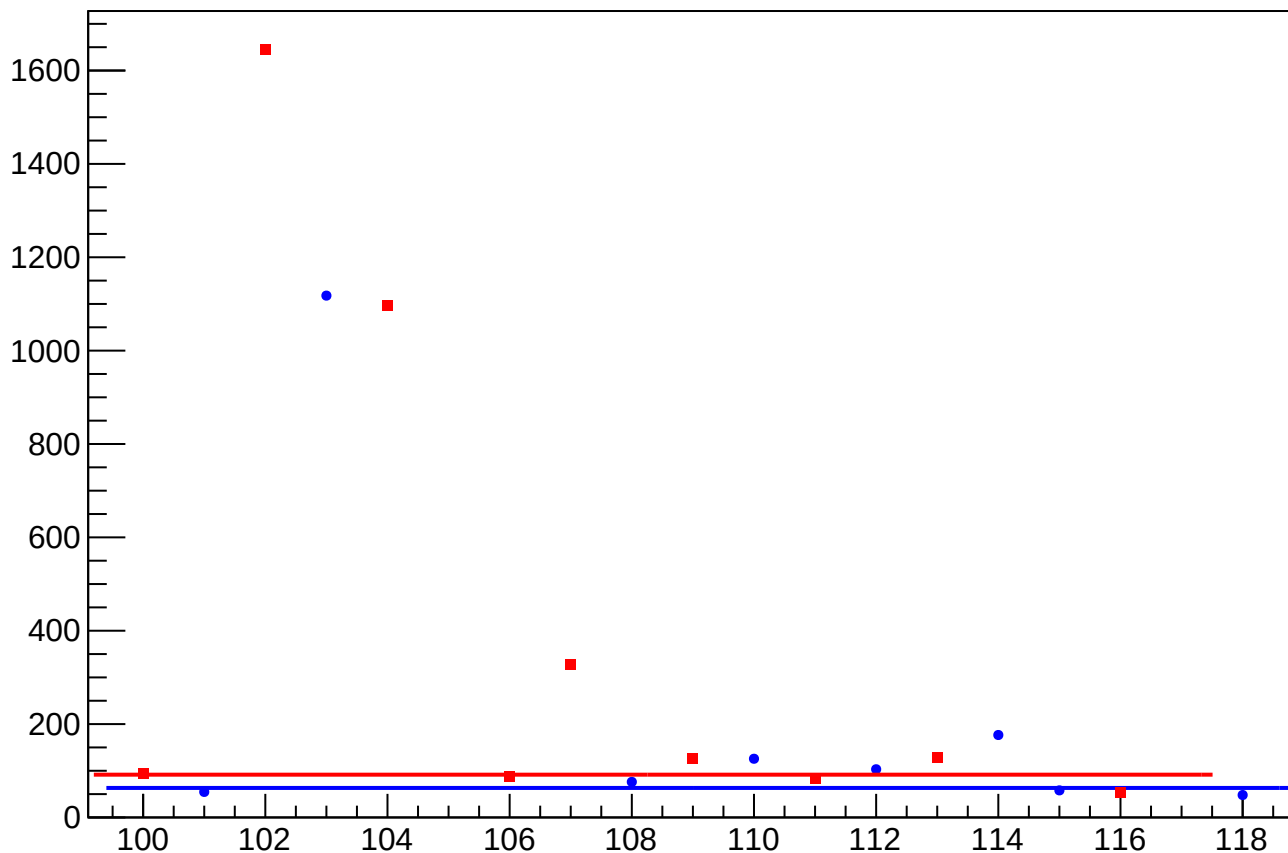
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.067+/-0.037 χ^2/NDF : 14.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 91.637+/-0.049 χ^2/NDF : 2211358.9/8

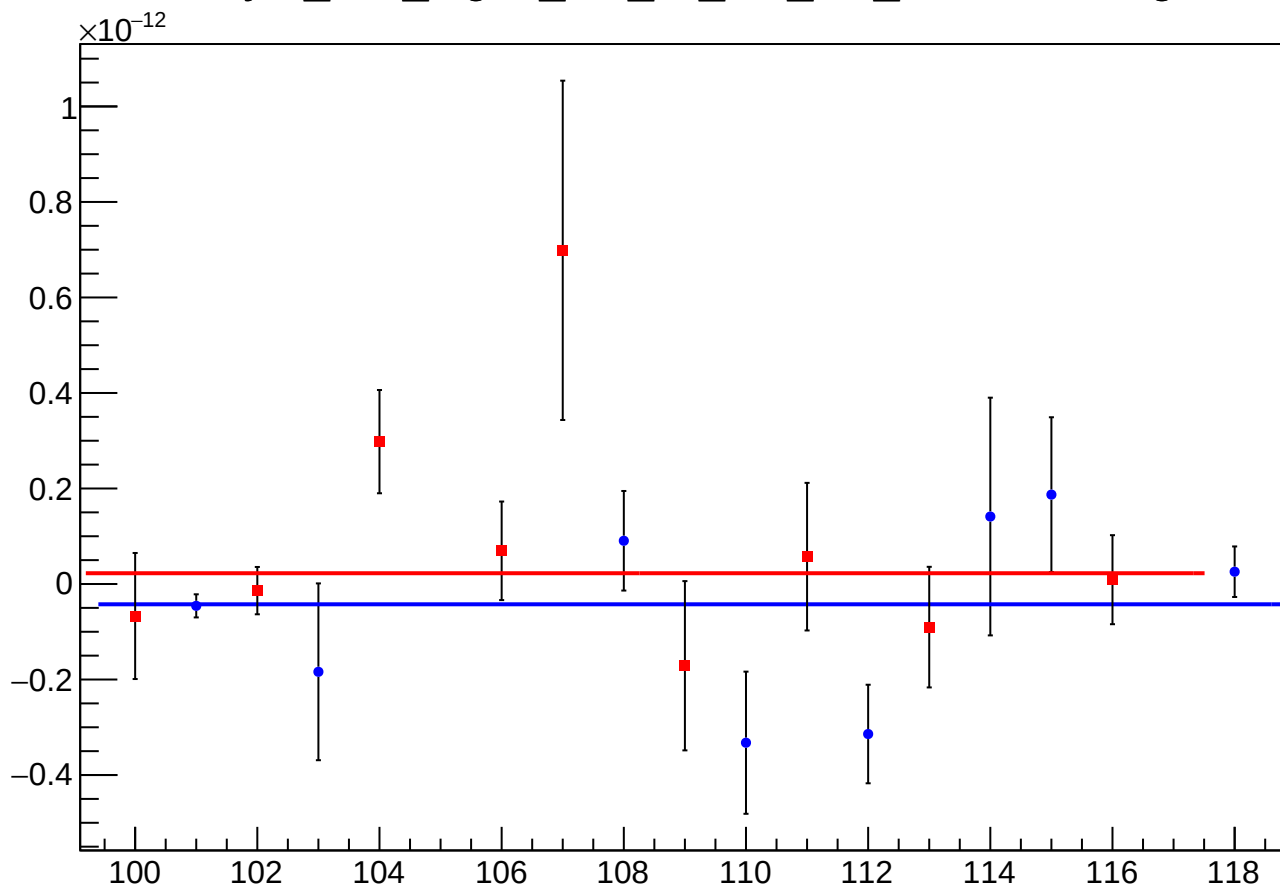
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.424+/-0.026 χ^2/NDF : 4043762.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



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 : 13.4/8

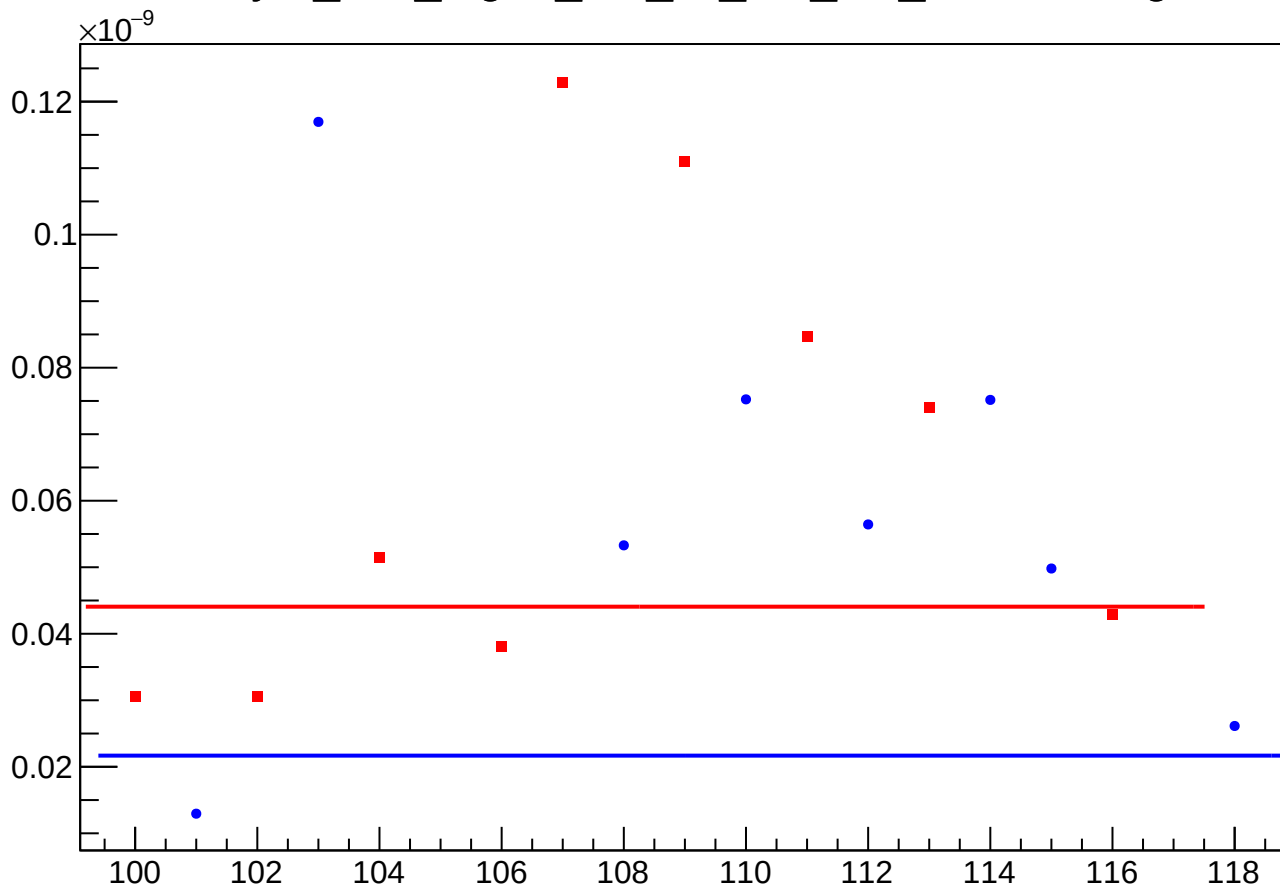
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



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 : 820021.9/8

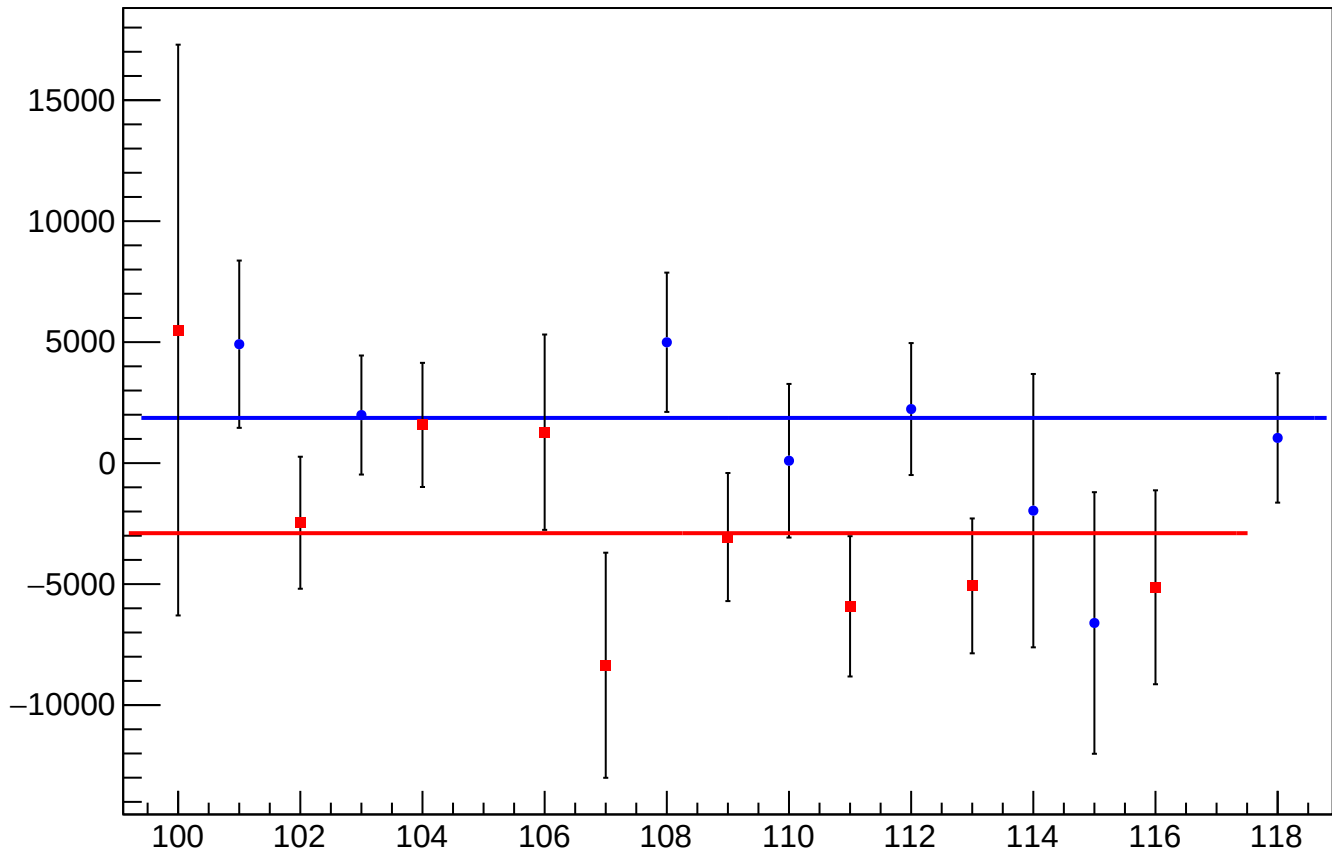
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3103426.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 1868.097 $\pm$ 1112.026 χ^2 /NDF: 5.3/7

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

Right Out: -2895.315 $\pm$ 1082.206 χ^2 /NDF: 8.0/8

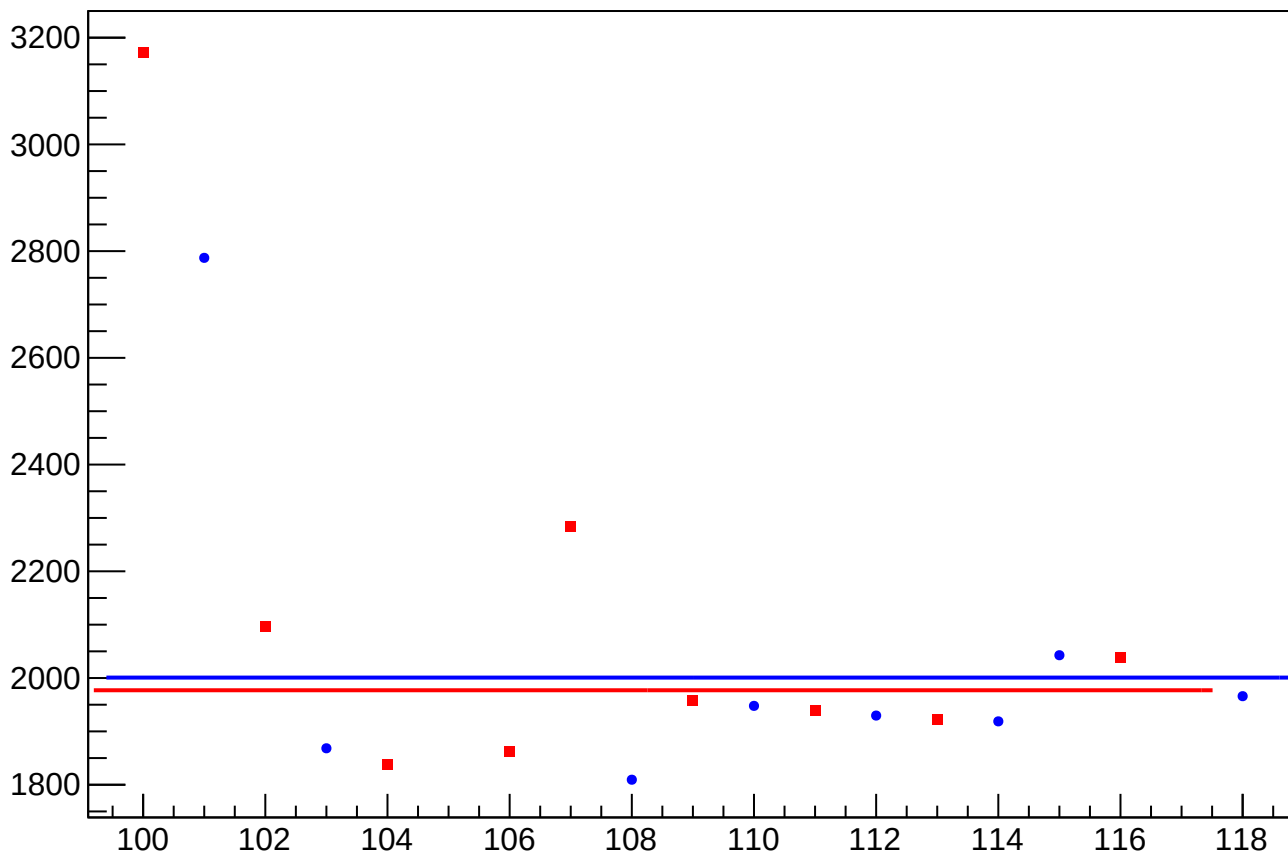
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -578.332 $\pm$ 775.563 χ^2 /NDF: 22.8/16

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

reg_asym_atl2_rms vs Slug



Right In: 2000.827 $\pm$ 0.786 χ^2 /NDF: 120997.4/7

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

Right Out: 1977.079 $\pm$ 0.765 χ^2 /NDF: 42241.7/8

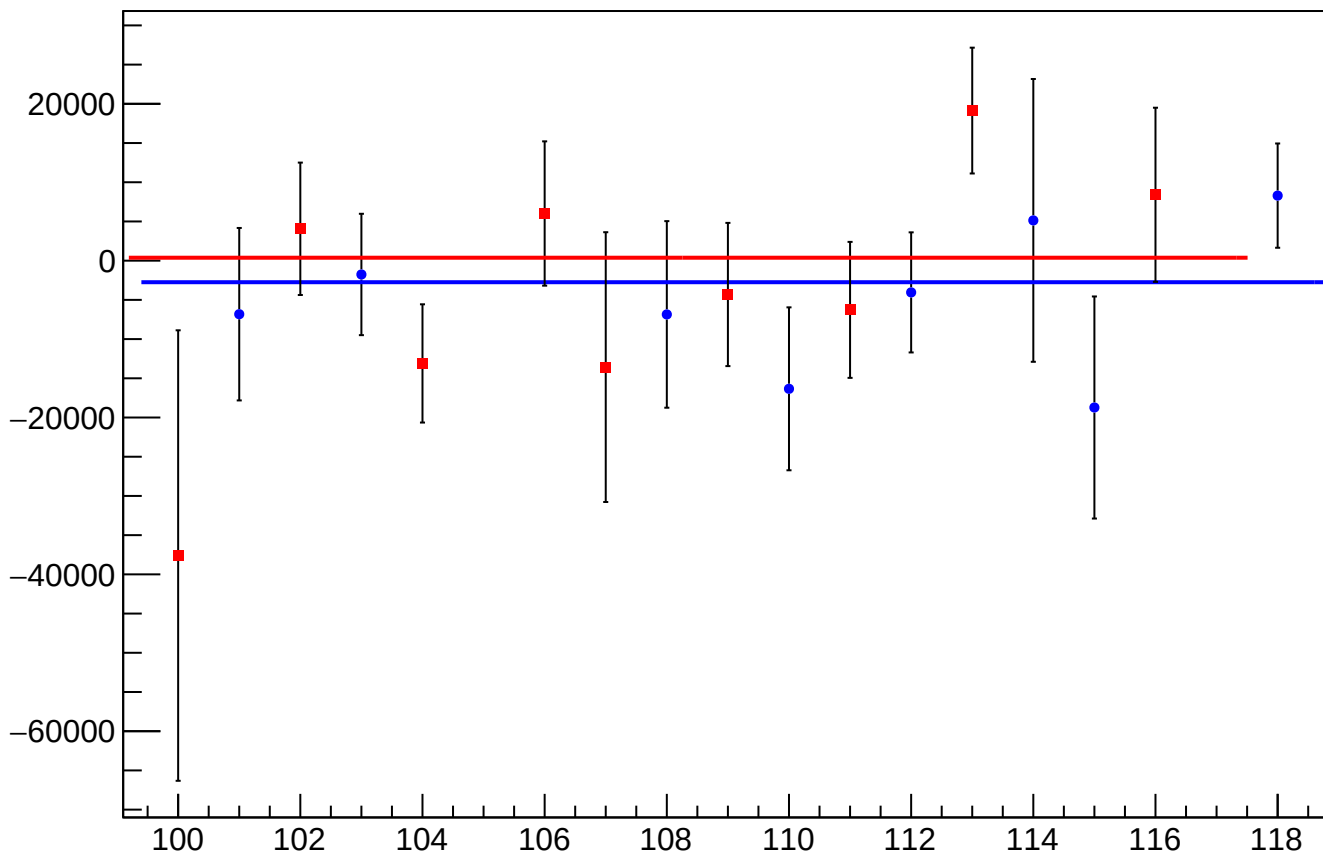
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1988.630 $\pm$ 0.548 χ^2 /NDF: 163707.5/16

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

asym_atl2_reg_correction_mean vs Slug



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: 376.491+/-3210.992 χ^2 /NDF: 13.0/8

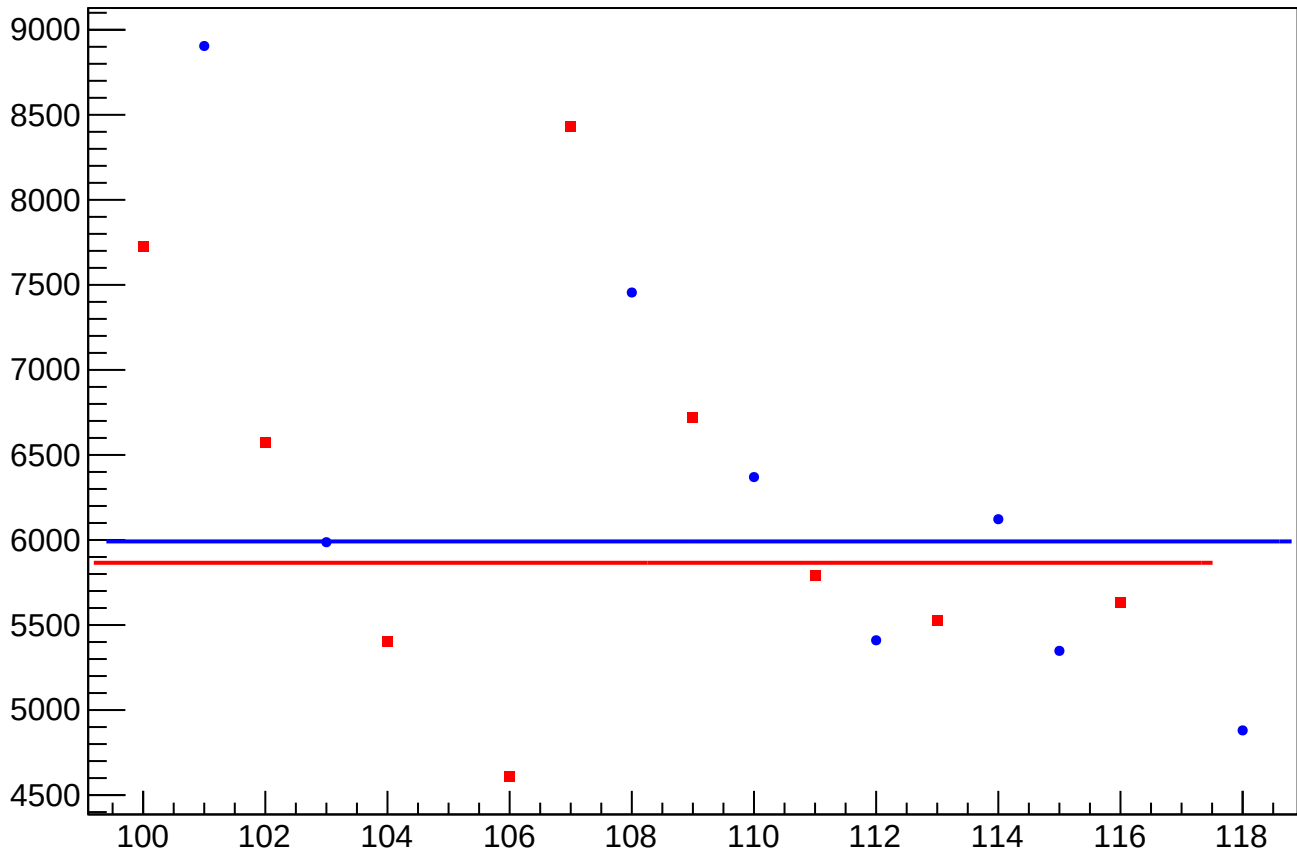
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1118.627+/-2318.437 χ^2 /NDF: 19.7/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_correction_rms vs Slug



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: 5865.968+/-2.271 χ^2/NDF : 134100.3/8

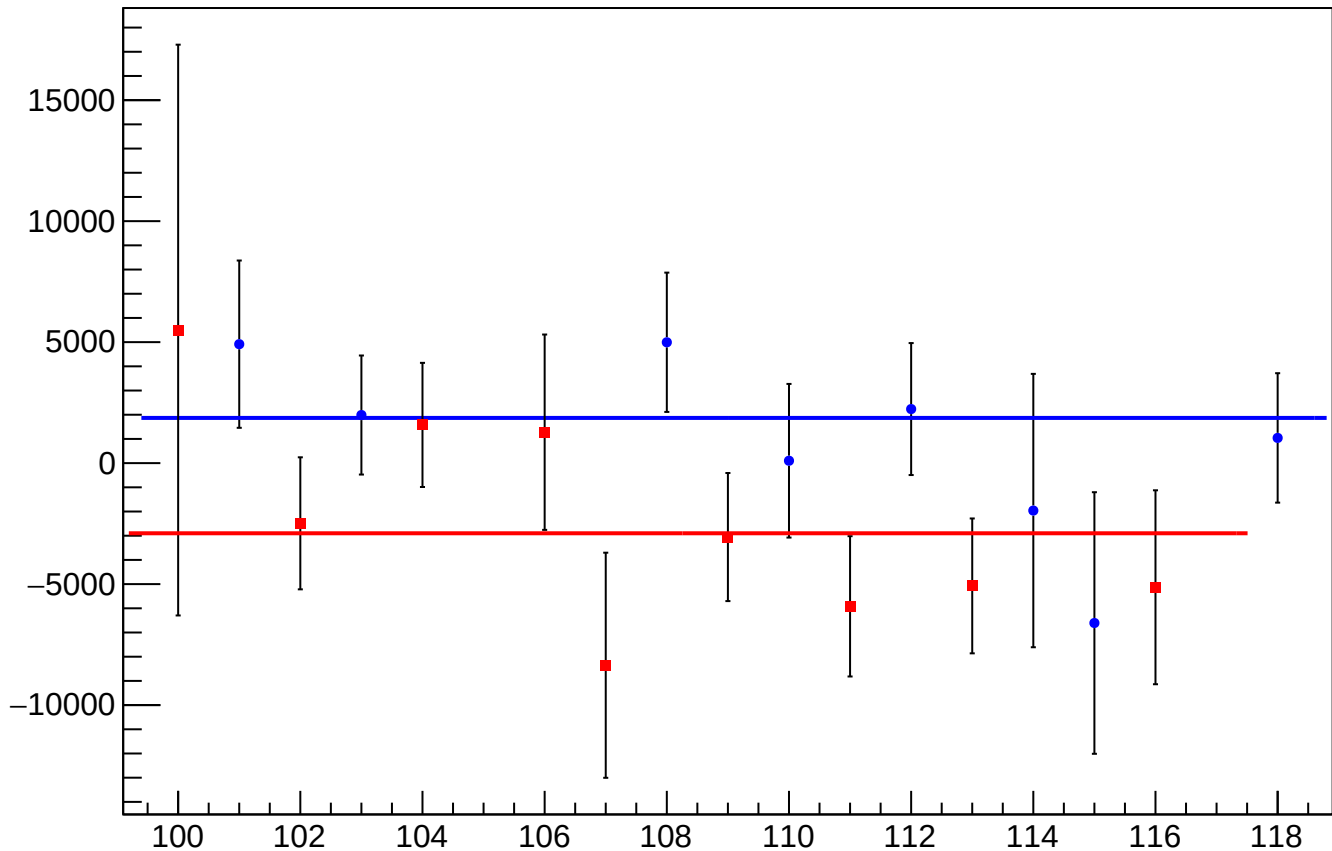
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5926.075+/-1.639 χ^2/NDF : 380520.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 1868.361 $\pm$ 1112.026 χ^2 /NDF: 5.3/7

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

Right Out: -2899.107 $\pm$ 1082.228 χ^2 /NDF: 8.0/8

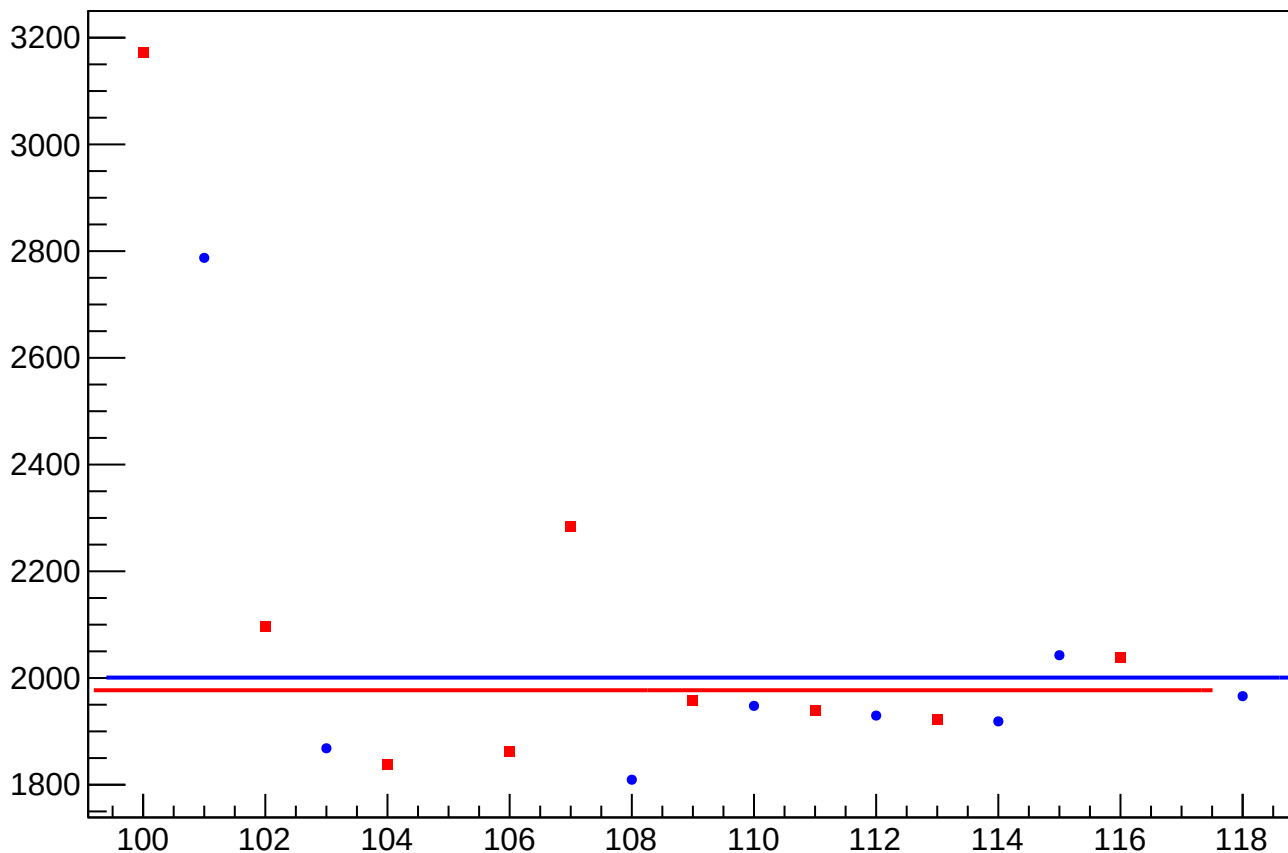
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -580.103 $\pm$ 775.571 χ^2 /NDF: 22.8/16

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

cor_asym_atl2_rms vs Slug



Right In: 2000.827 $\pm$ 0.786 χ^2 /NDF: 120997.1/7

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

Right Out: 1977.121 $\pm$ 0.765 χ^2 /NDF: 42259.9/8

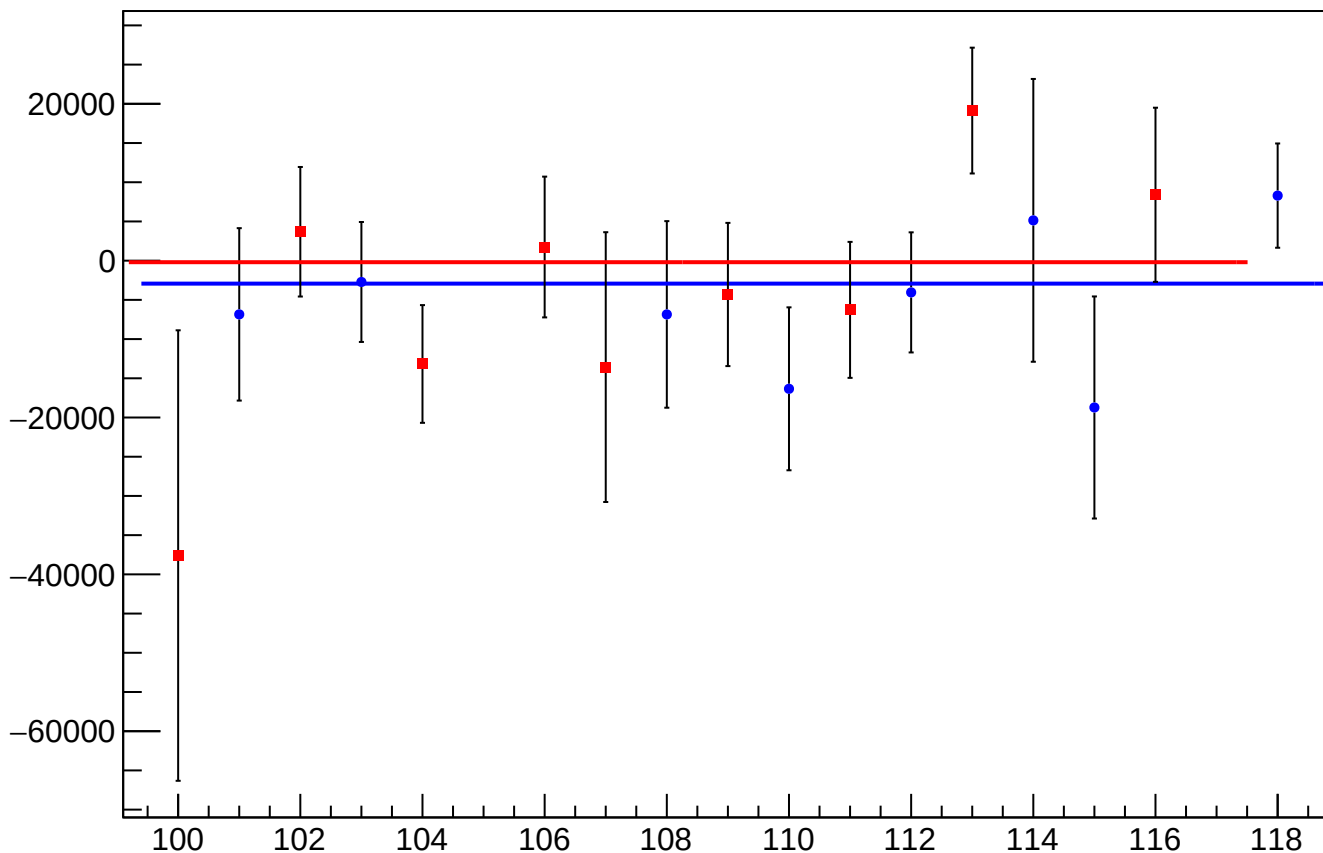
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1988.652 $\pm$ 0.548 χ^2 /NDF: 163723.8/16

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

asym_atl2_cor_correction_mean vs Slug



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: -195.462+/-3188.336 χ^2/NDF : 12.7/8

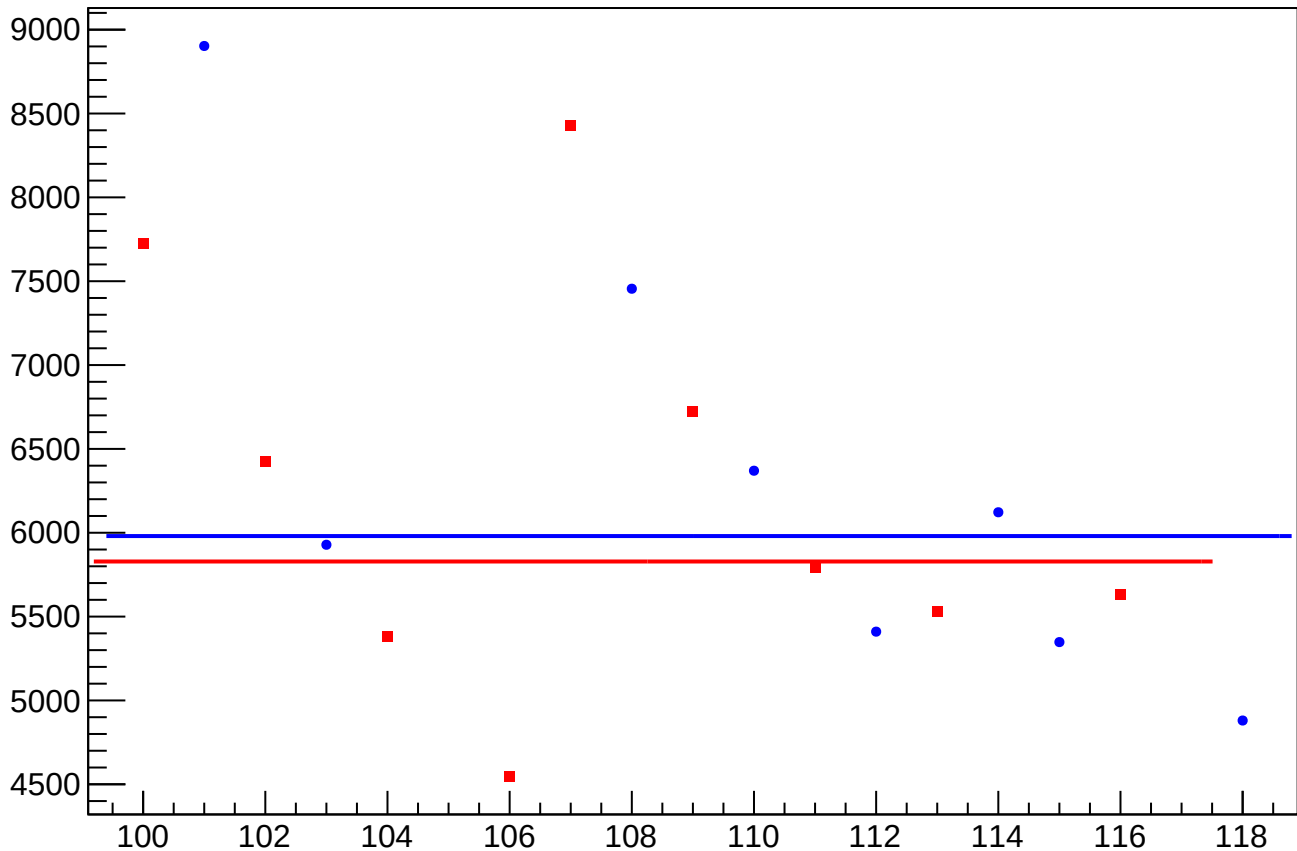
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1496.670+/-2307.414 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 5980.249 $\pm$ 2.364 χ^2 /NDF: 244942.0/7

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

Right Out: 5828.554 $\pm$ 2.254 χ^2 /NDF: 135637.2/8

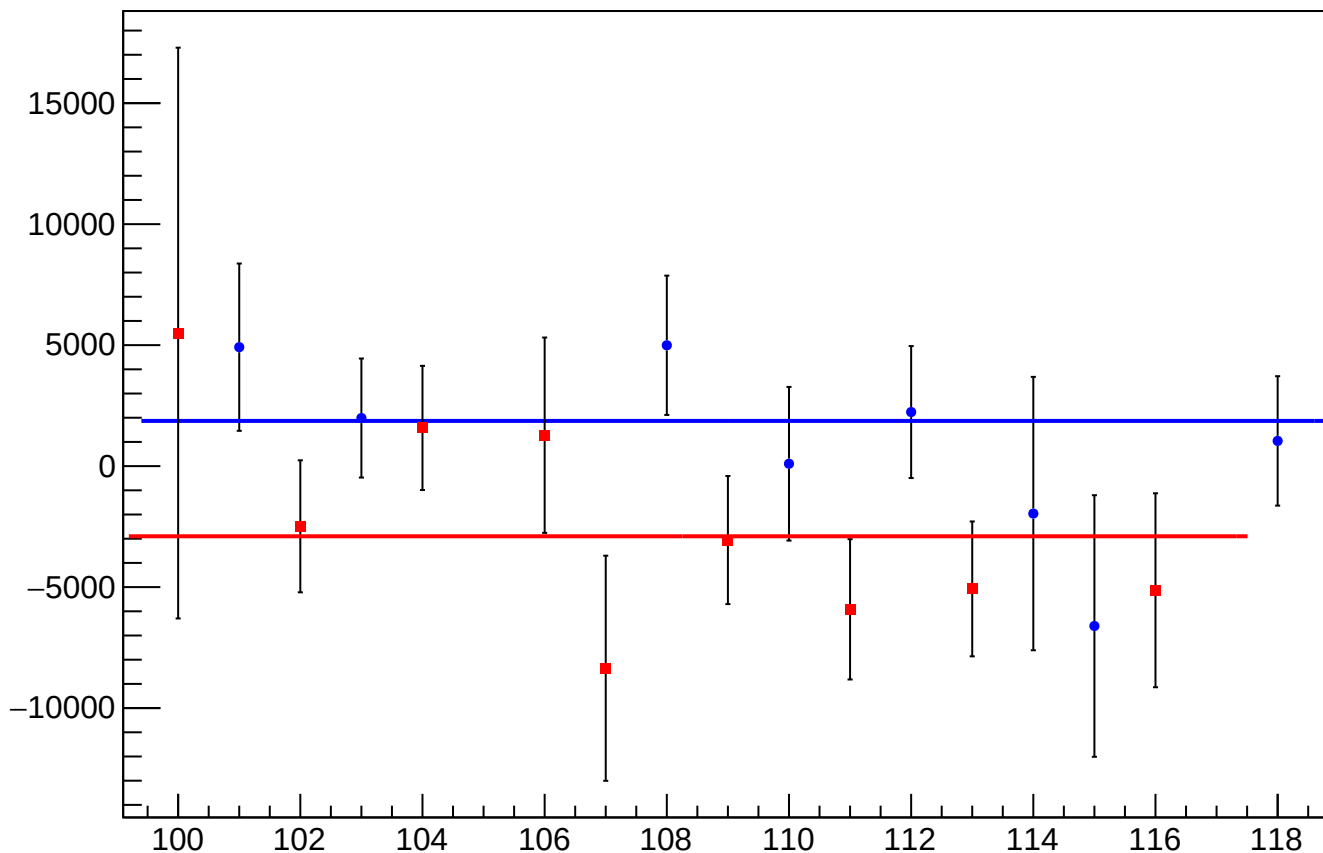
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 5900.799 $\pm$ 1.632 χ^2 /NDF: 382735.4/16

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

eigen_cor_asym_atl2_mean vs Slug



Right In: 1868.361 $\pm$ 1112.026 χ^2 /NDF: 5.3/7

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

Right Out: -2899.107 $\pm$ 1082.228 χ^2 /NDF: 8.0/8

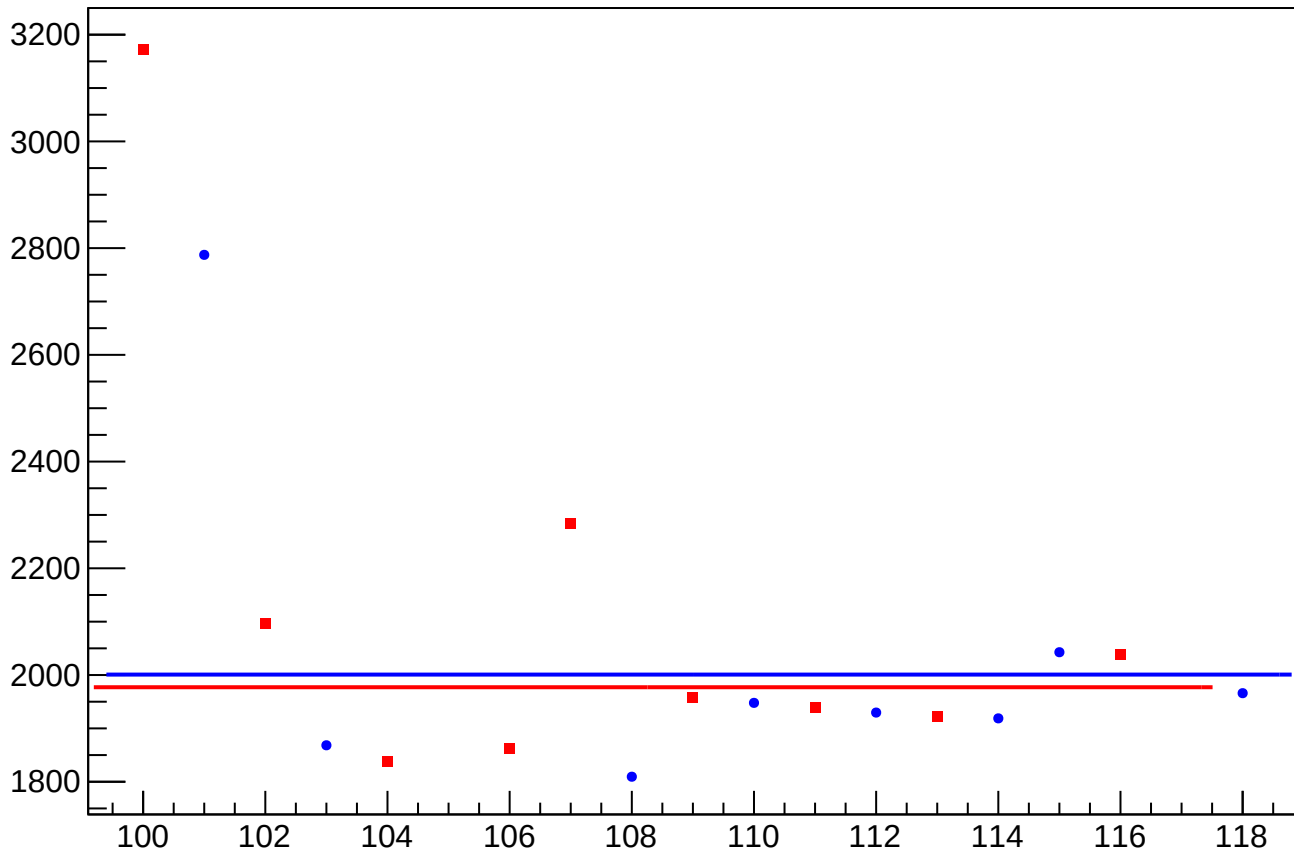
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -580.103 $\pm$ 775.571 χ^2 /NDF: 22.8/16

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

eigen_cor_asym_atl2_rms vs Slug



Right In: 2000.827 $\pm$ 0.786 χ^2 /NDF: 120997.1/7

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

Right Out: 1977.121 $\pm$ 0.765 χ^2 /NDF: 42259.9/8

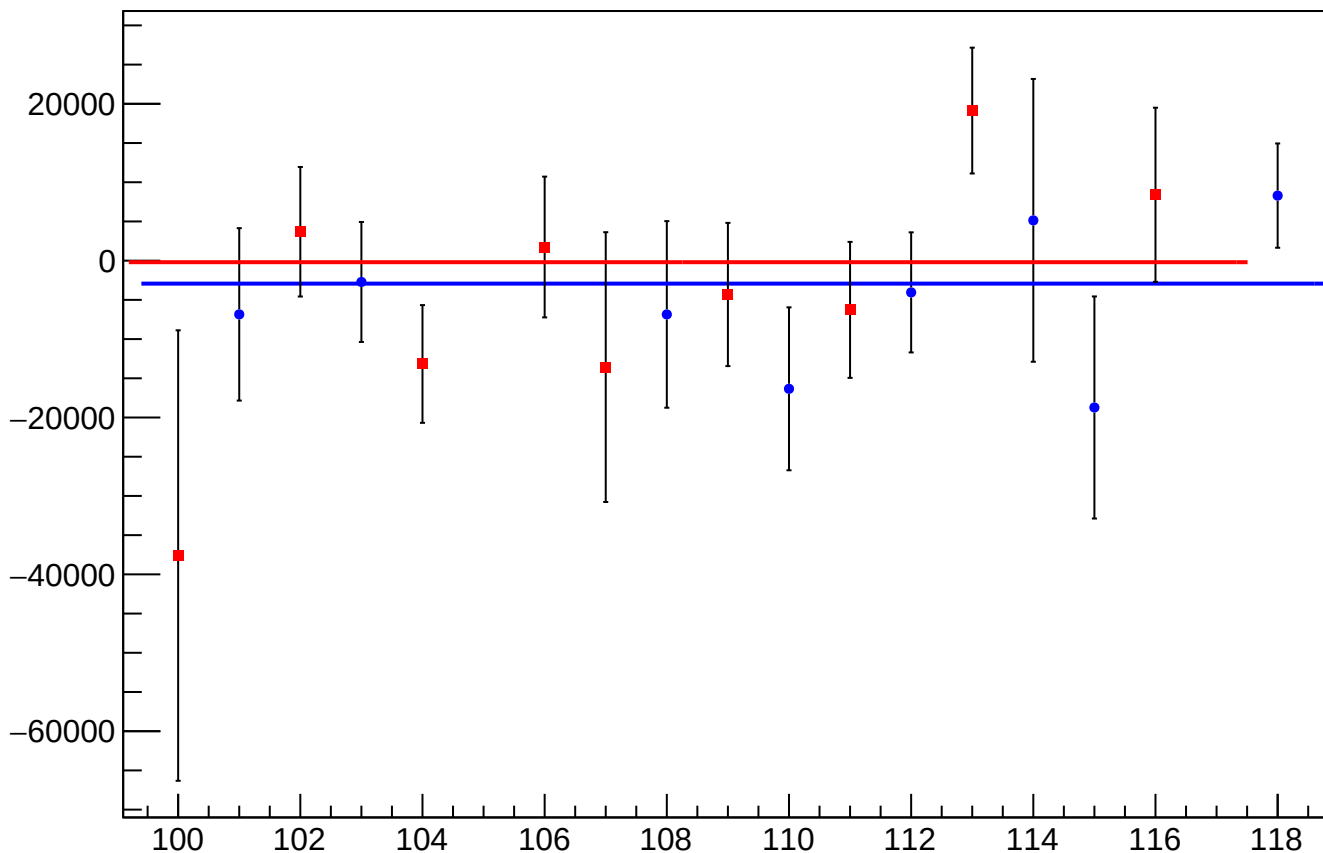
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1988.652 $\pm$ 0.548 χ^2 /NDF: 163723.8/16

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

asym_atl2_eigen_cor_correction_mean vs Slug



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: -195.462+/-3188.336 χ^2 /NDF: 12.7/8

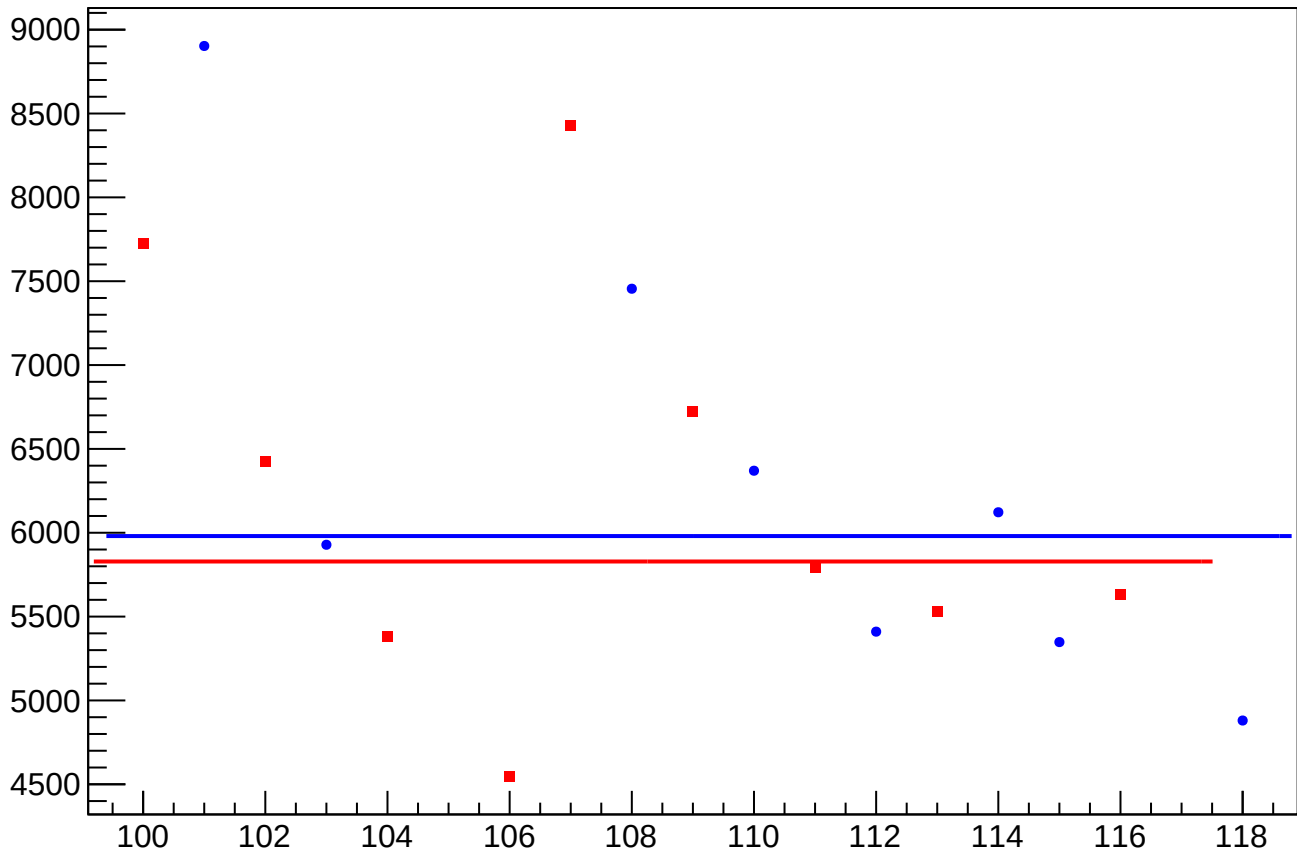
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1496.670+/-2307.414 χ^2 /NDF: 19.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



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: 5828.554+/-2.254 χ^2/NDF : 135637.2/8

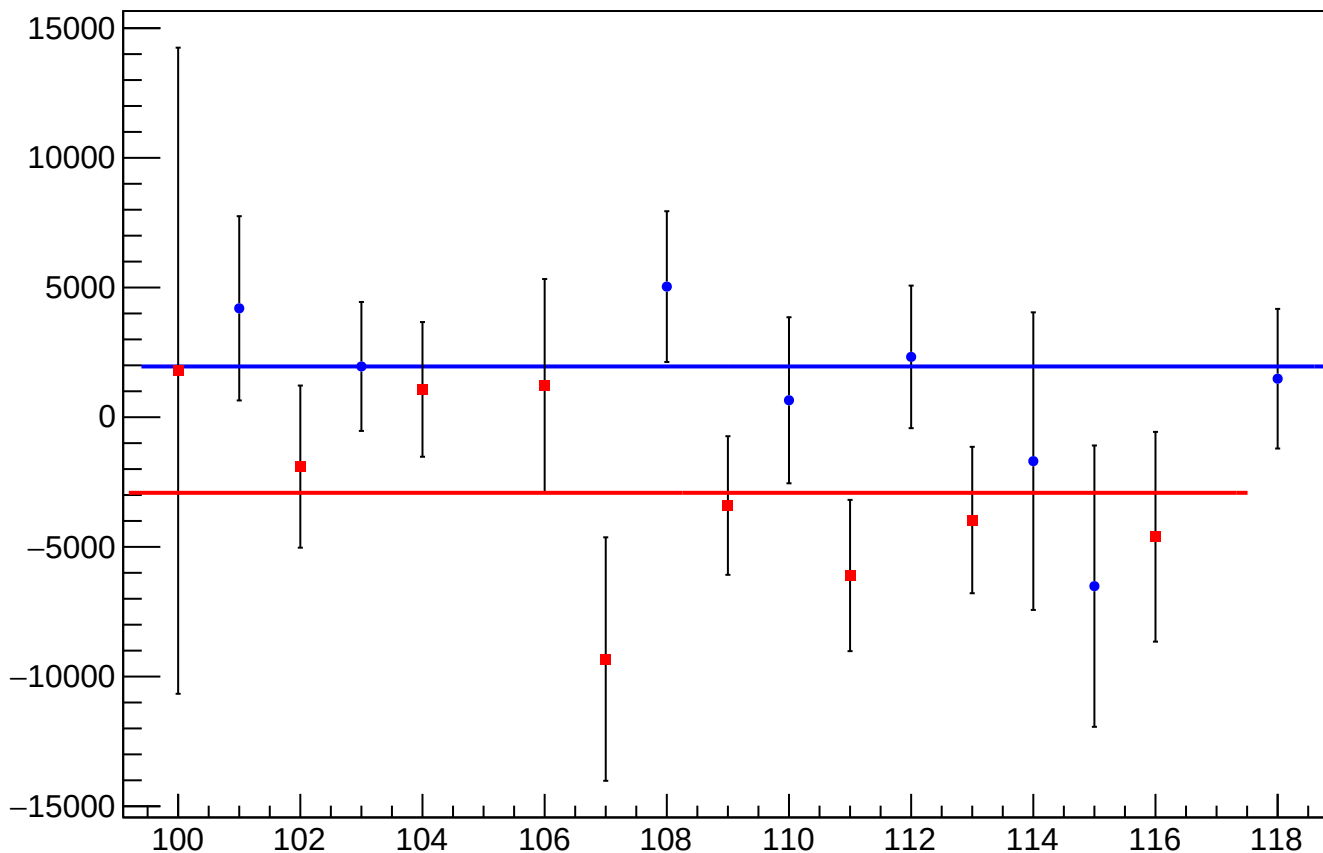
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5900.799+/-1.632 χ^2/NDF : 382735.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl2_mean vs Slug



Right In: 1956.746 $\pm$ 1123.787 χ^2 /NDF: 4.6/7

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

Right Out: -2915.200 $\pm$ 1113.935 χ^2 /NDF: 7.0/8

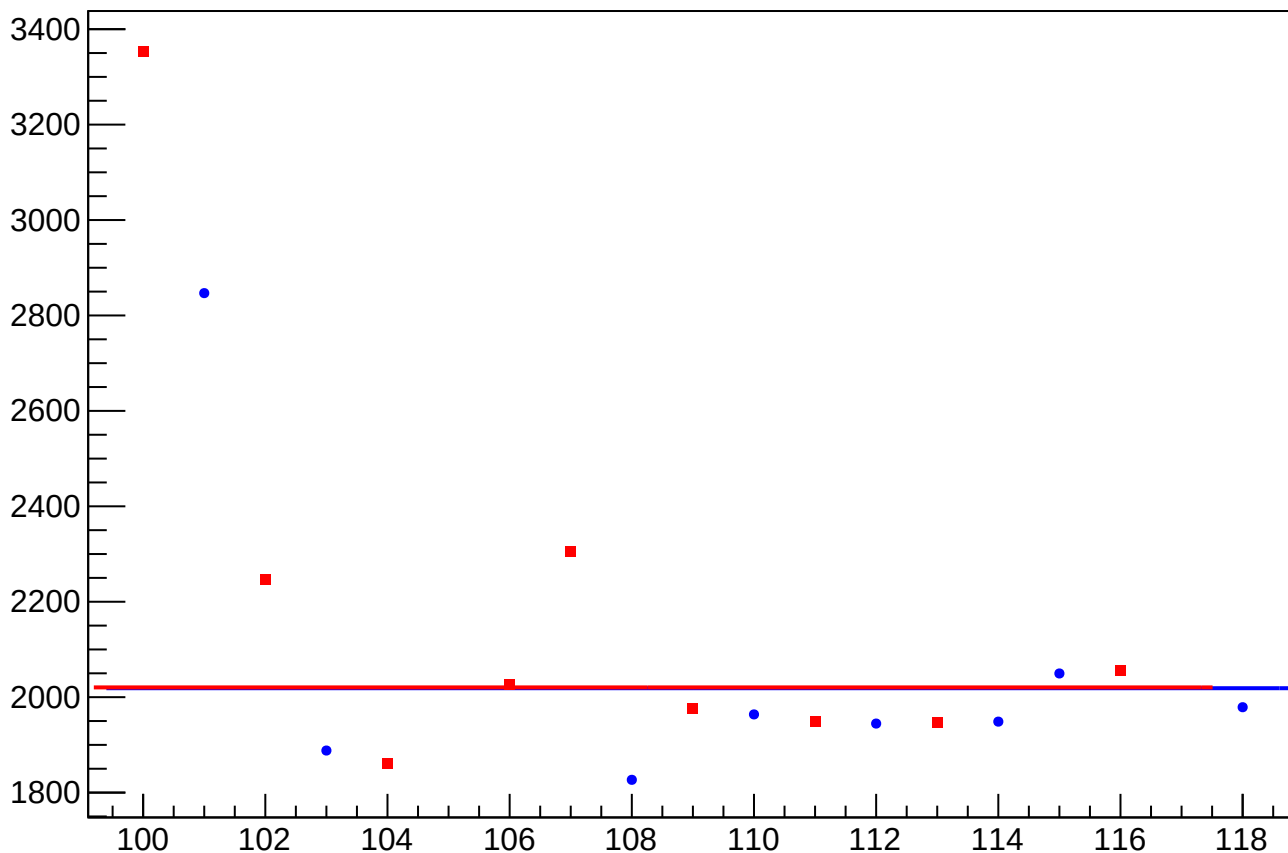
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -500.676 $\pm$ 791.131 χ^2 /NDF: 21.1/16

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

dit_asym_atl2_rms vs Slug



Right In: 2018.786 $\pm$ 0.795 χ^2 /NDF: 125763.6/7

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

Right Out: 2020.470 $\pm$ 0.785 χ^2 /NDF: 51522.1/8

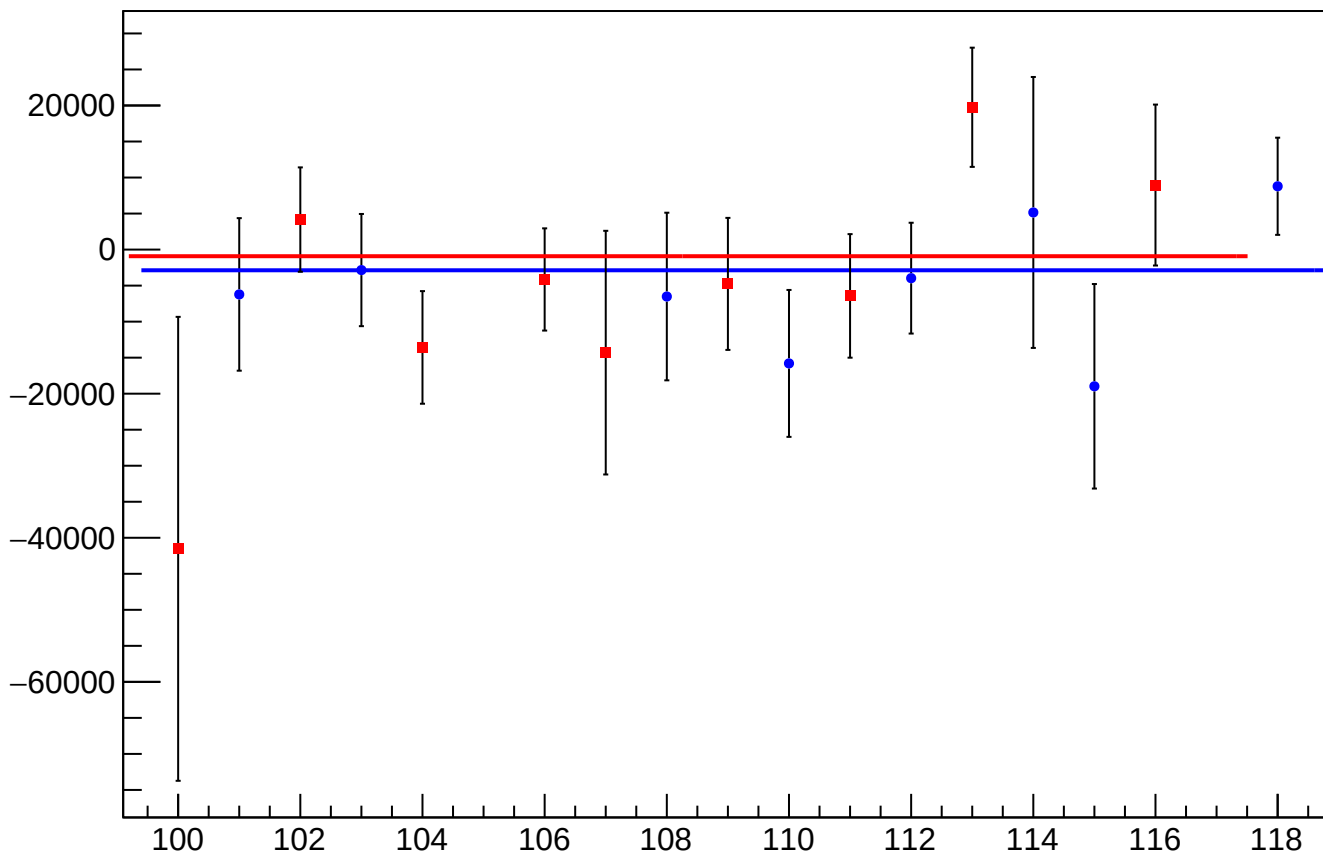
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2019.638 $\pm$ 0.559 χ^2 /NDF: 177288.0/16

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

asym_atl2_dit_correction_mean vs Slug



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: -919.286+/-3044.333 χ^2/NDF : 13.2/8

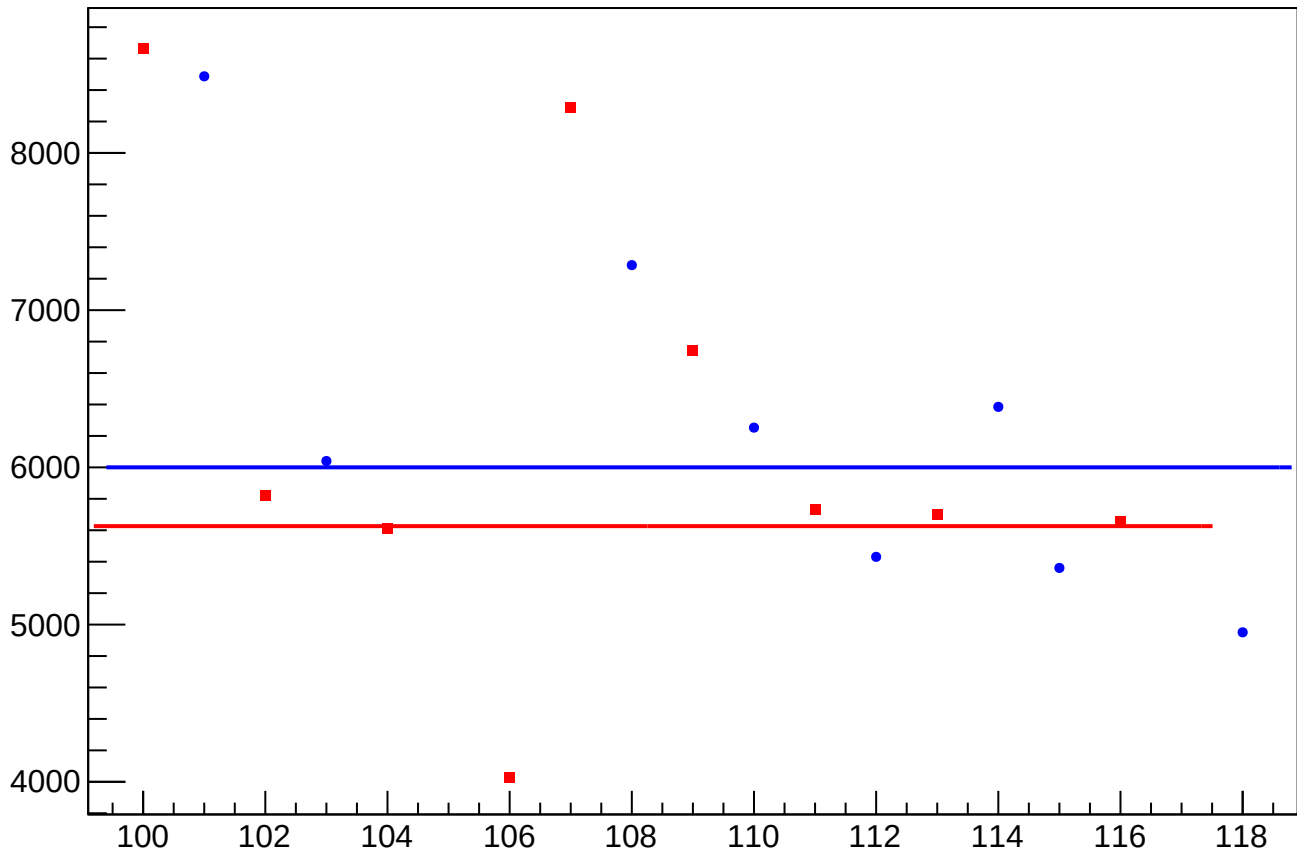
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1802.616+/-2252.989 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_rms vs Slug



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: 5626.164+/-2.153 χ^2/NDF : 200309.3/8

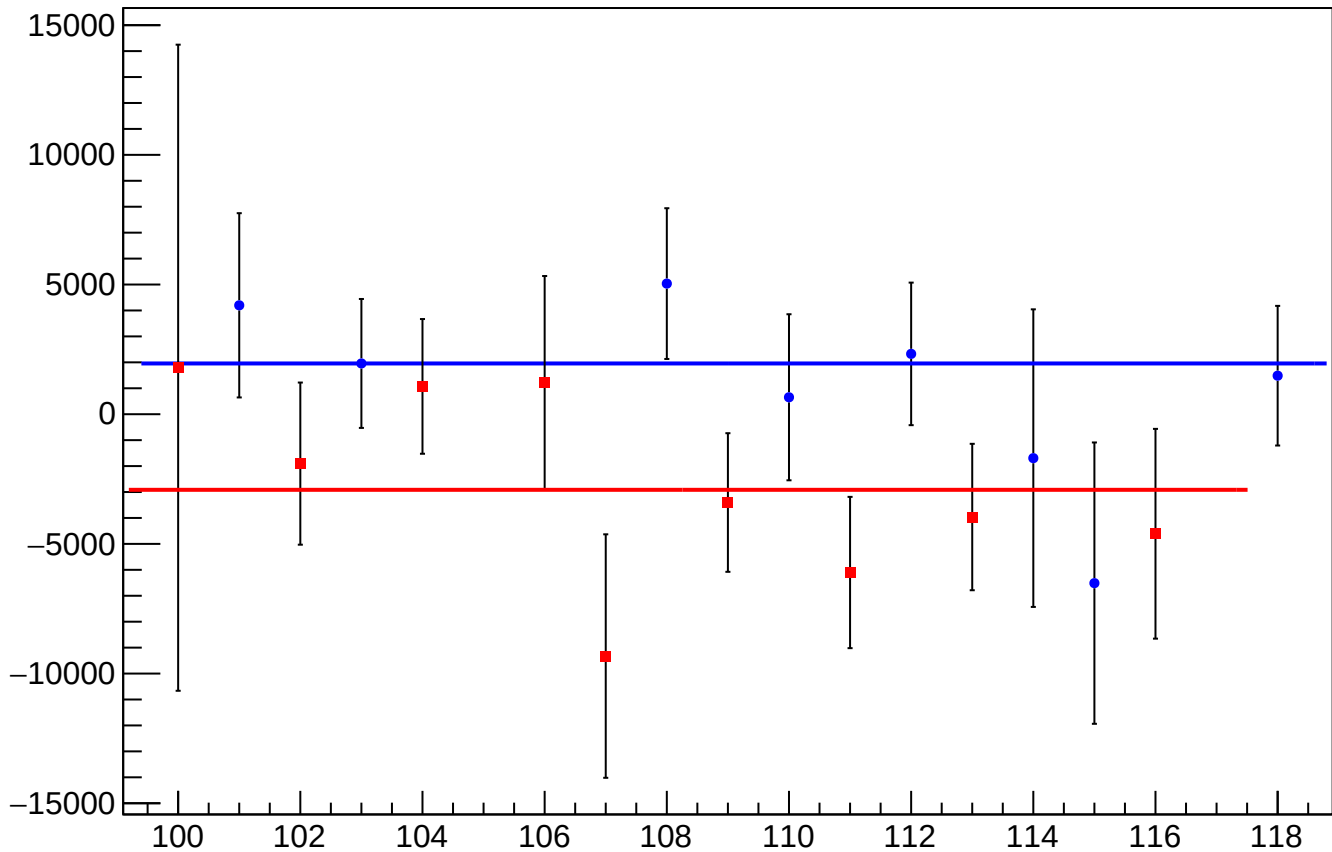
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5795.374+/-1.593 χ^2/NDF : 414368.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl2_mean vs Slug



Right In: 1956.760 $\pm$ 1123.787 χ^2 /NDF: 4.6/7

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

Right Out: -2915.216 $\pm$ 1113.935 χ^2 /NDF: 7.0/8

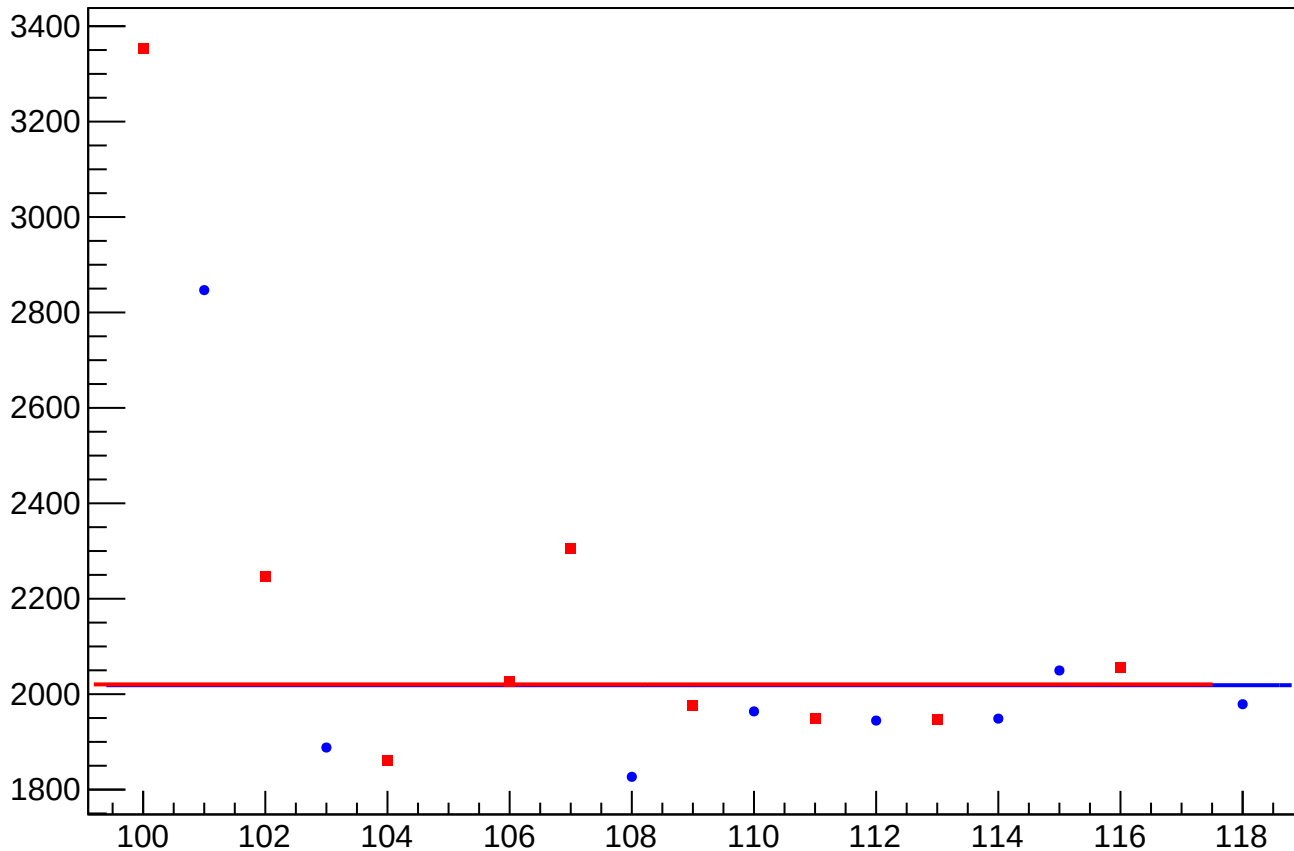
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -500.678 $\pm$ 791.131 χ^2 /NDF: 21.1/16

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

eigen_dit_asym_atl2_rms vs Slug



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: 2020.470+/-0.785 χ^2/NDF : 51522.2/8

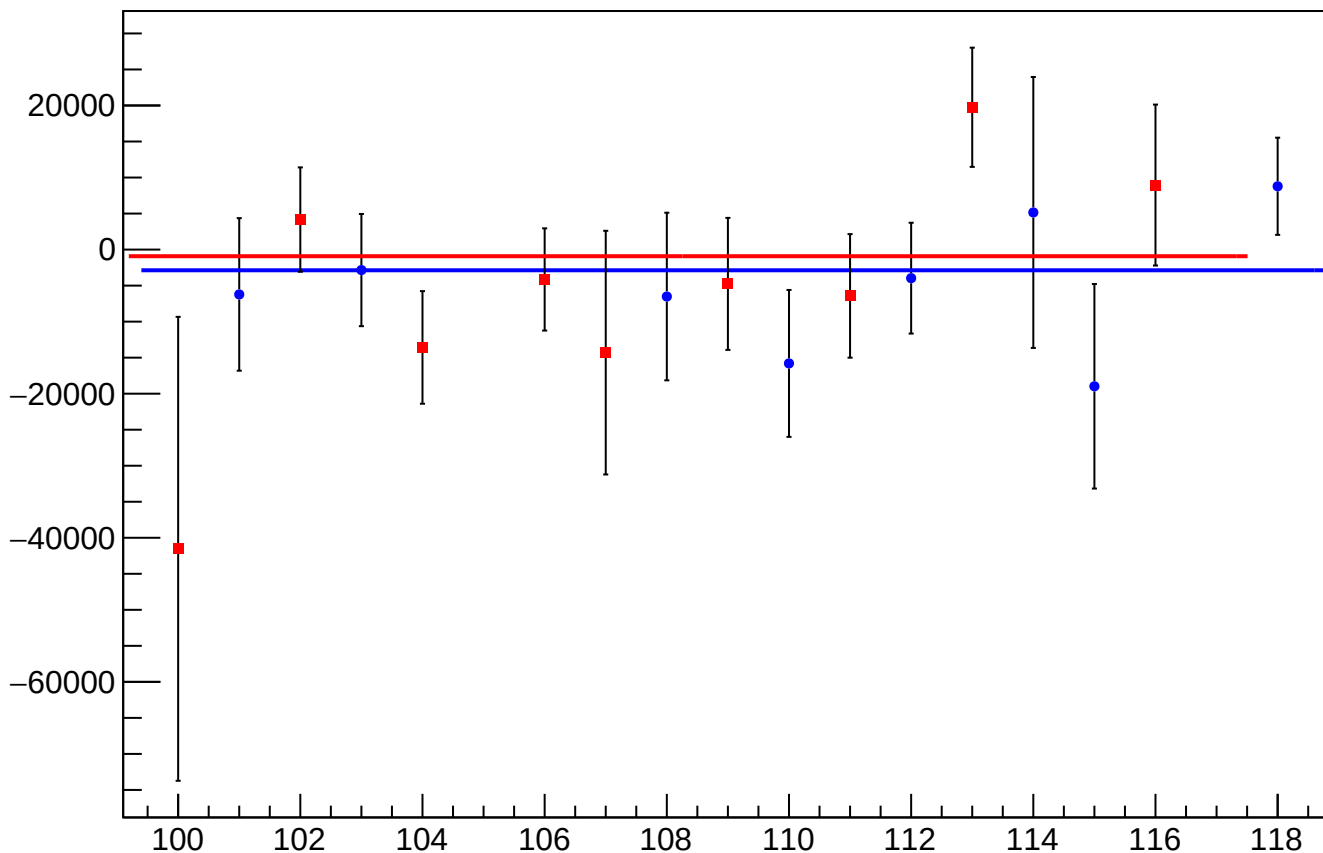
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2019.638+/-0.559 χ^2/NDF : 177287.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



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: -919.286+/-3044.326 χ^2/NDF : 13.2/8

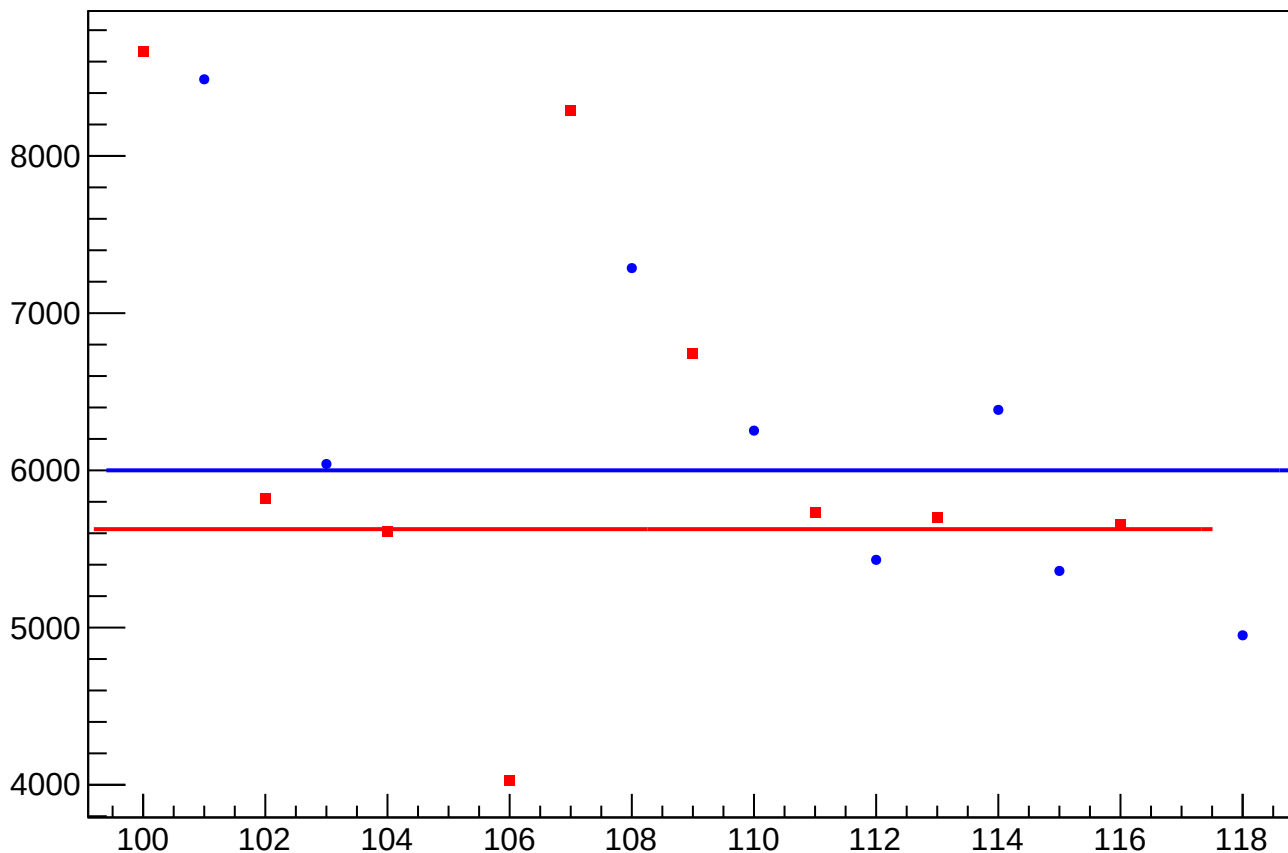
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1802.608+/-2252.982 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



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: 5626.151+/-2.153 χ^2/NDF : 200310.3/8

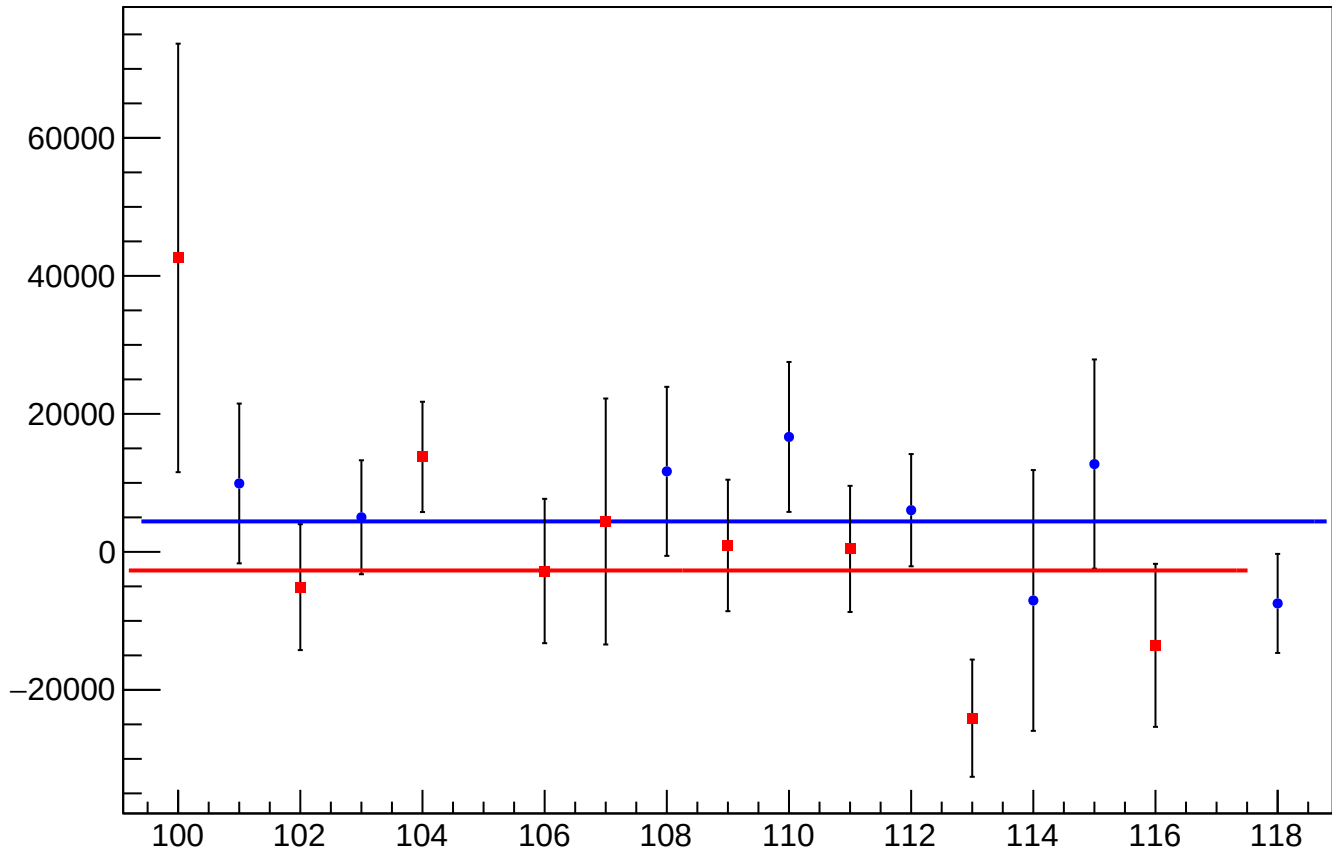
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5795.358+/-1.593 χ^2/NDF : 414371.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



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: -2694.247+/-3430.074 χ^2/NDF : 14.1/8

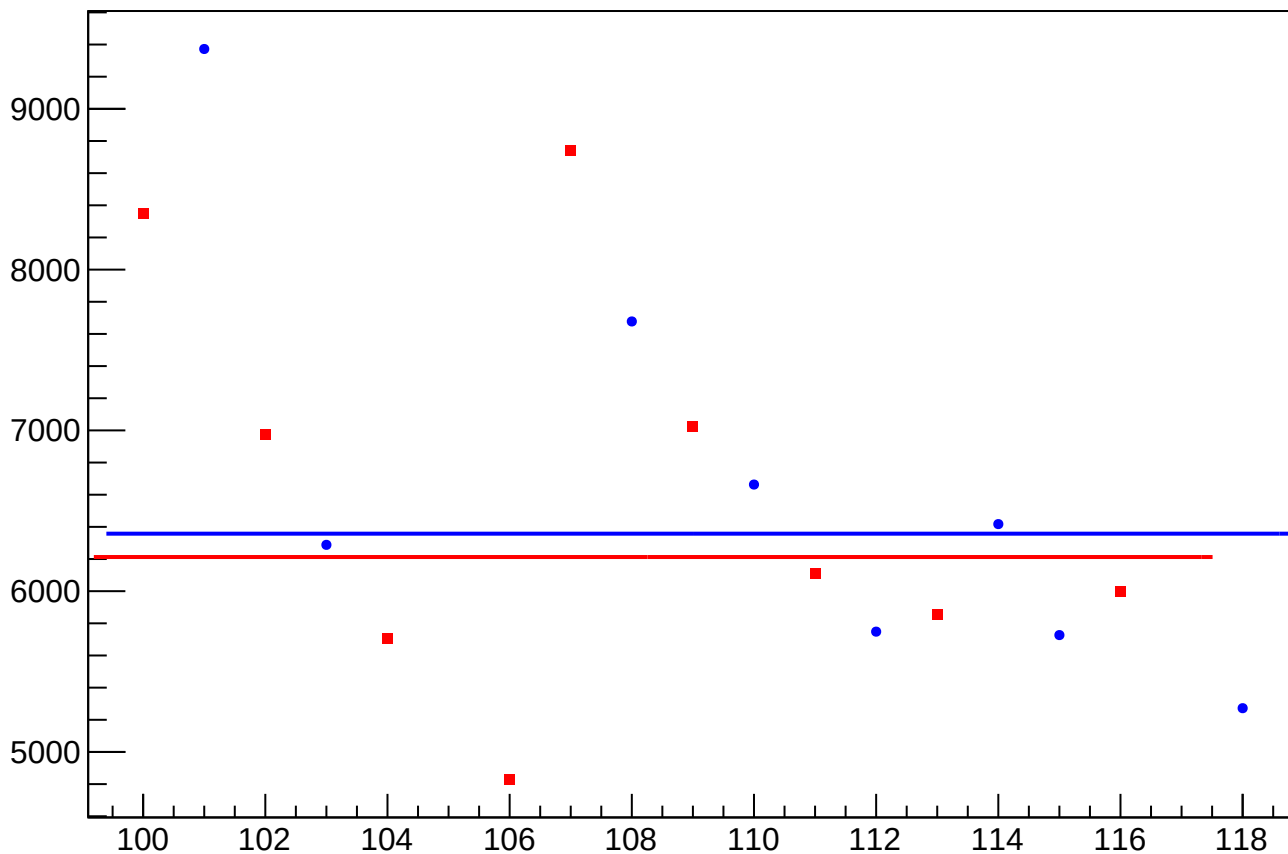
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 729.512+/-2469.805 χ^2/NDF : 21.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 6357.658 $\pm$ 2.517 χ^2 /NDF: 220971.4/7

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

Right Out: 6212.459 $\pm$ 2.425 χ^2 /NDF: 125657.1/8

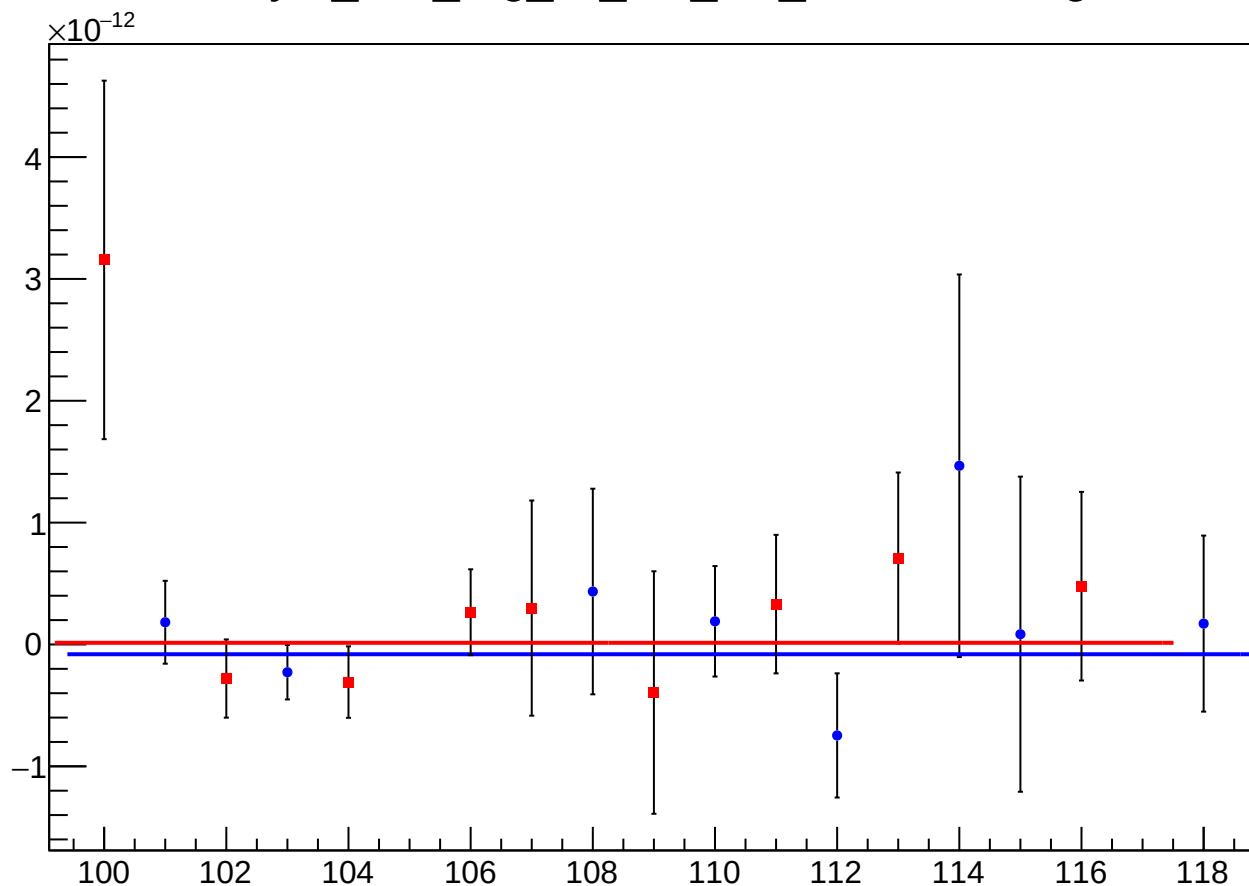
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 6282.377 $\pm$ 1.746 χ^2 /NDF: 348354.3/16

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

asym_atl2_reg_vs_cor_diff_mean vs Slug



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: 9.0/8

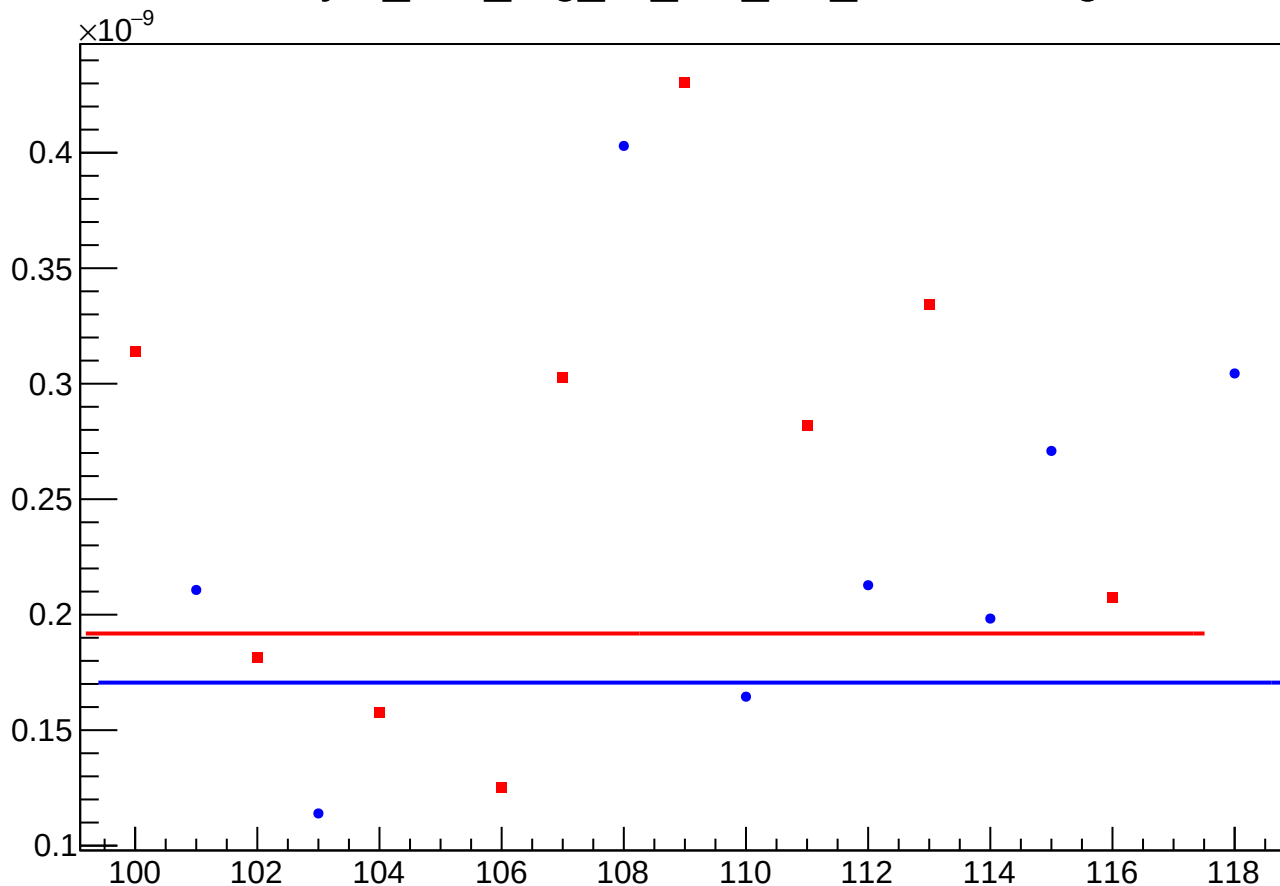
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_vs_cor_diff_rms vs Slug



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 : 394443.6/8

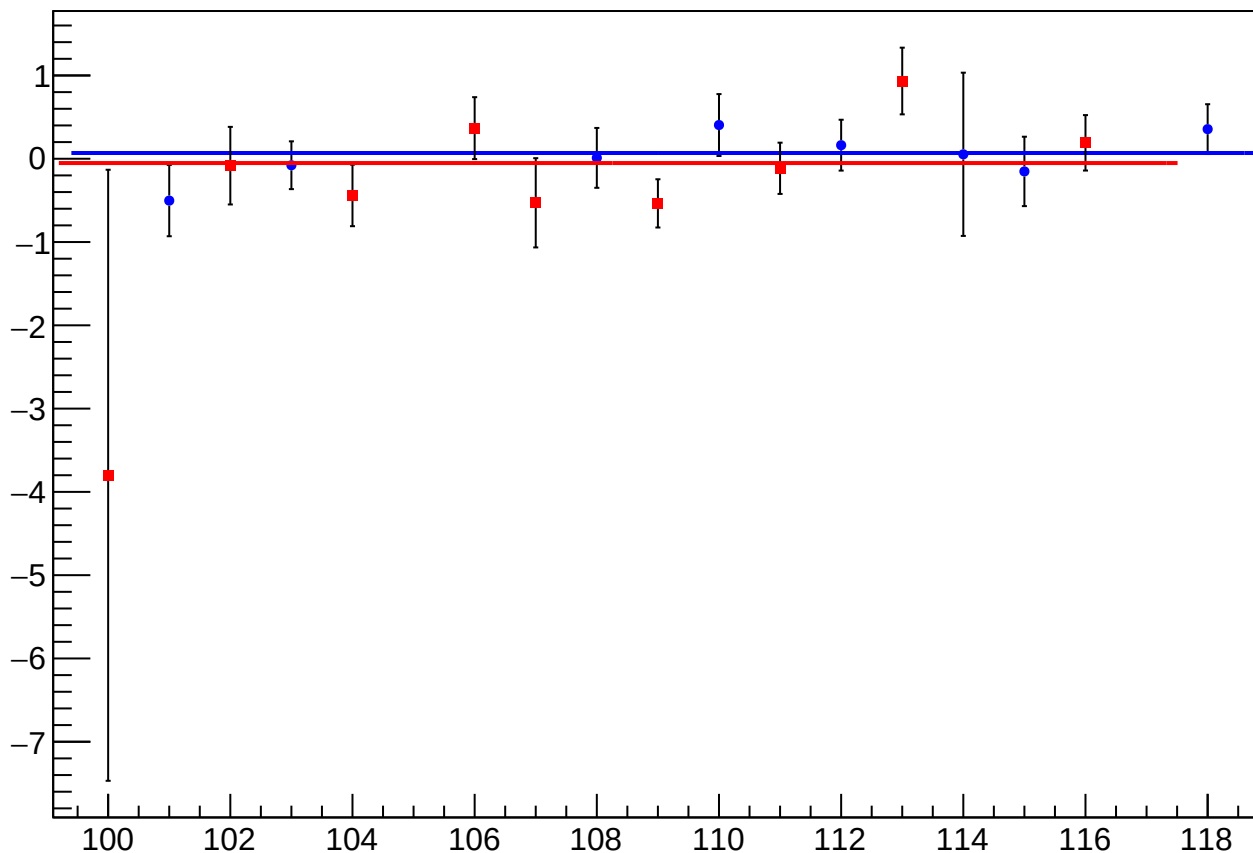
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 816022.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



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: -0.052 ± 0.129 χ^2/NDF : 13.6/8

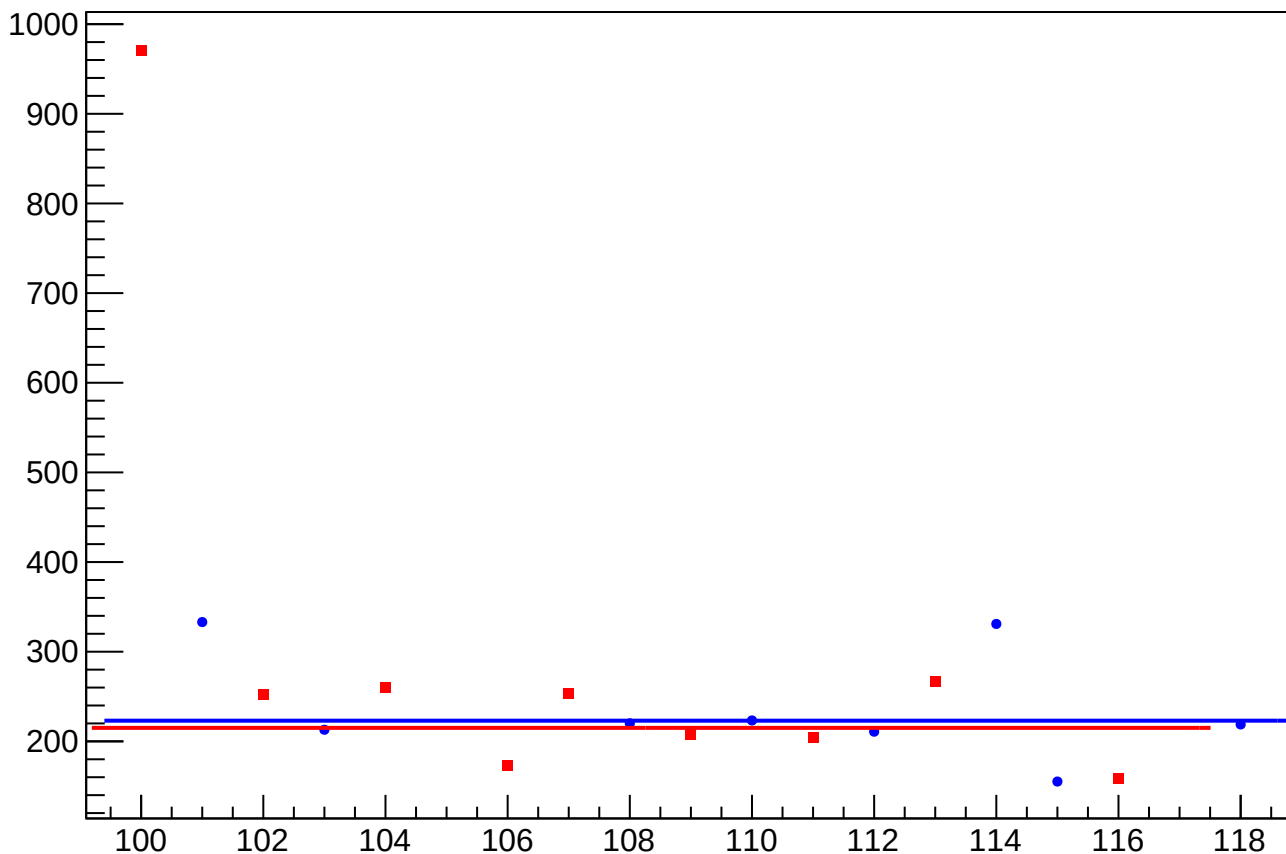
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.091 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_rms vs Slug



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: 215.052 $\pm$ 0.091 χ^2 /NDF: 256194.5/8

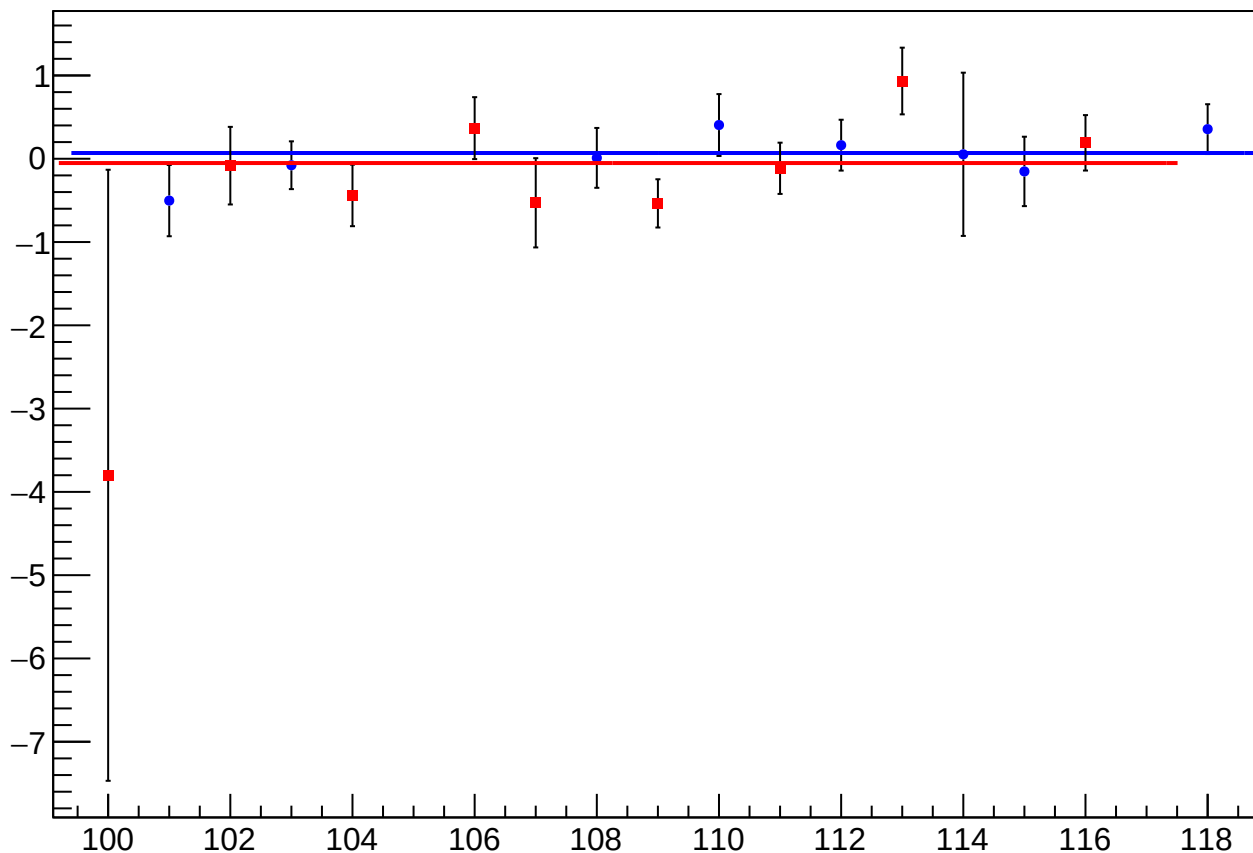
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 219.085 $\pm$ 0.064 χ^2 /NDF: 475888.2/16

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

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.069 $\pm$ 0.128 χ^2 /NDF: 4.2/7

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

Right Out: -0.052 $\pm$ 0.129 χ^2 /NDF: 13.6/8

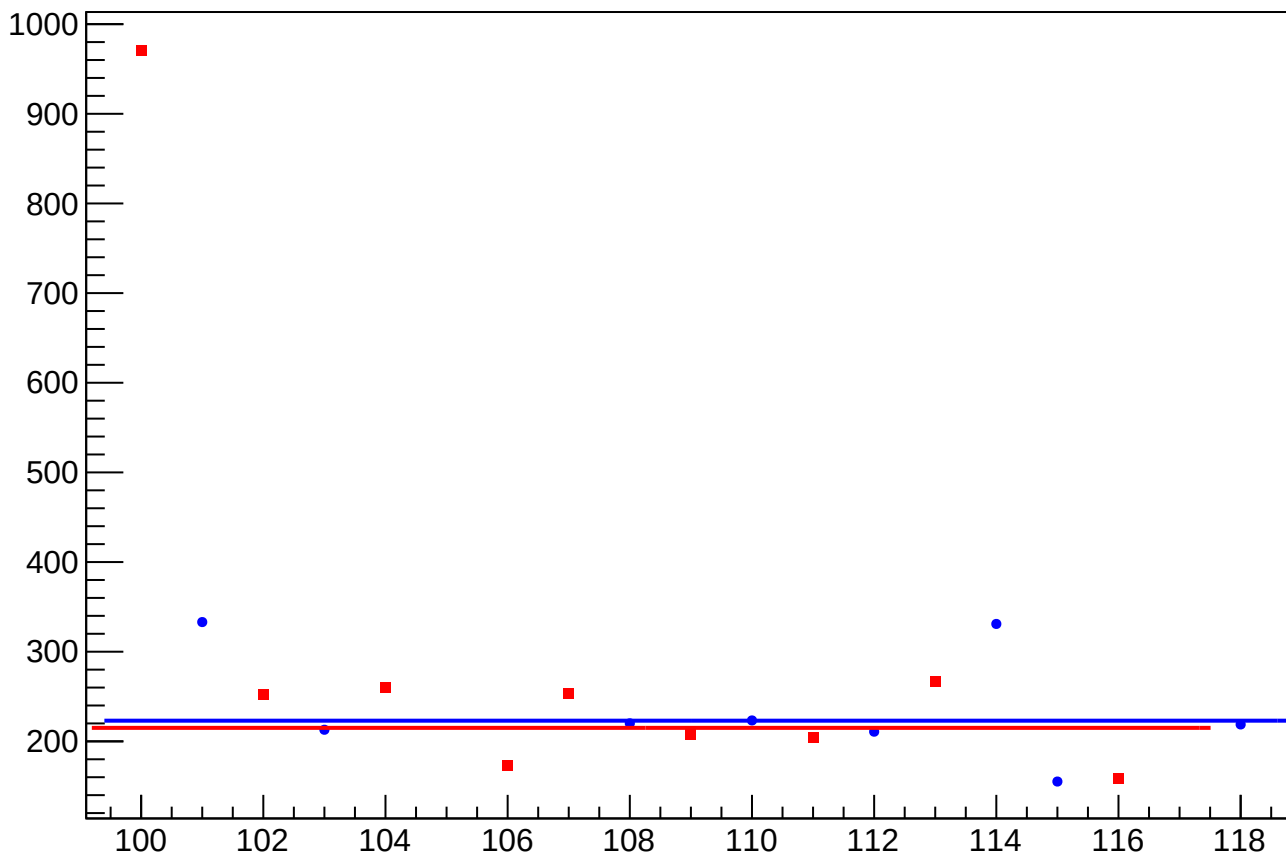
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.009 $\pm$ 0.091 χ^2 /NDF: 18.3/16

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

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



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: 215.052+/-0.091 χ^2/NDF : 256194.5/8

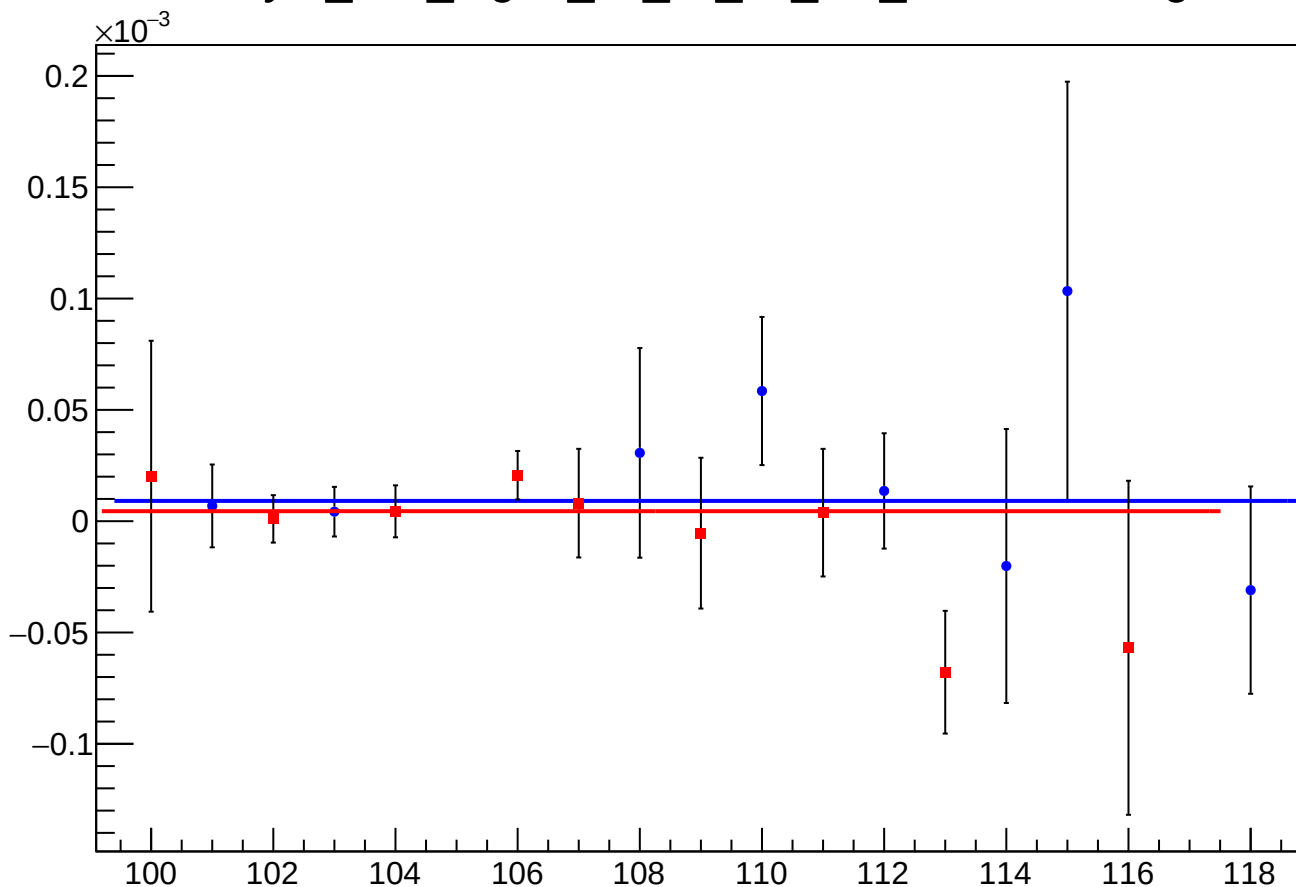
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.085+/-0.064 χ^2/NDF : 475888.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.0/8

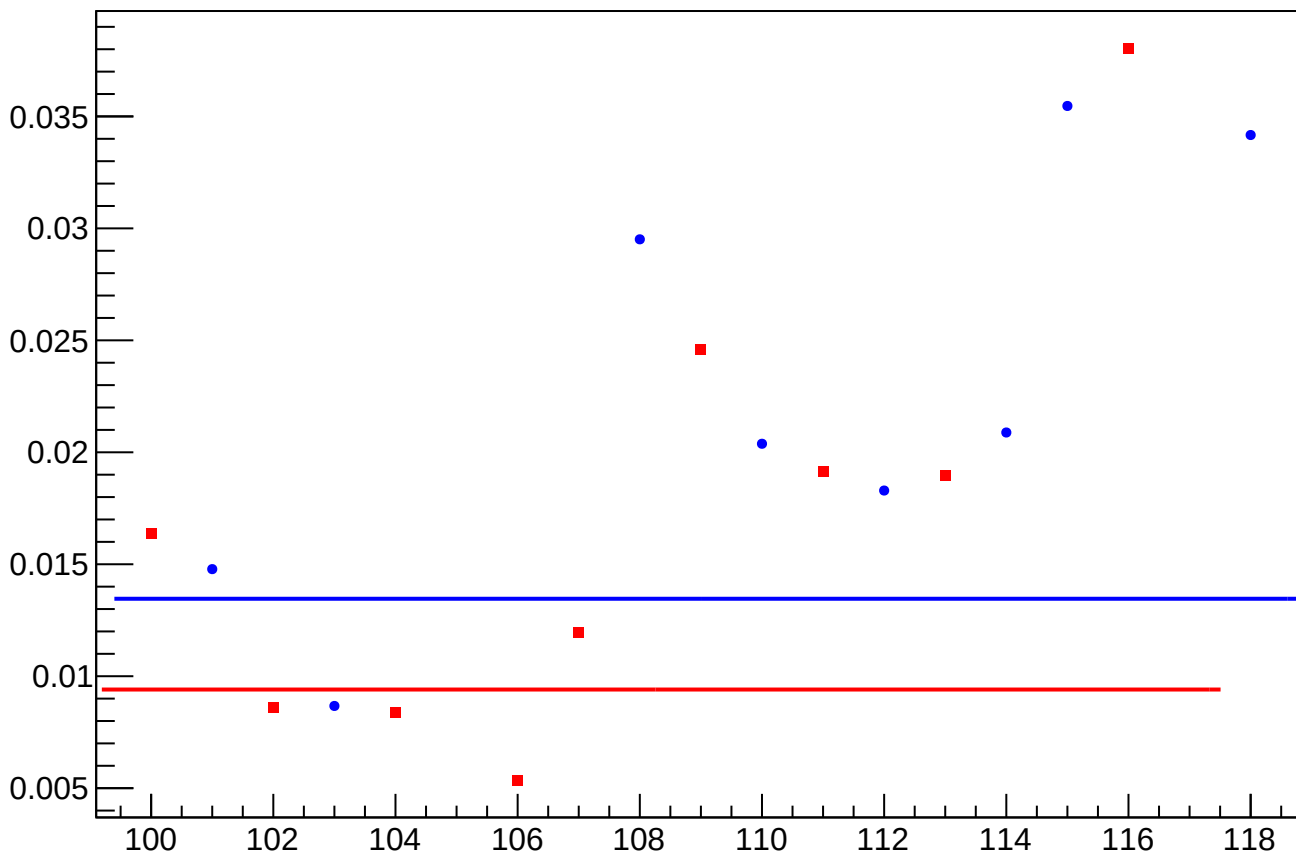
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/16

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

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 1301797.6/7

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

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 1520018.9/8

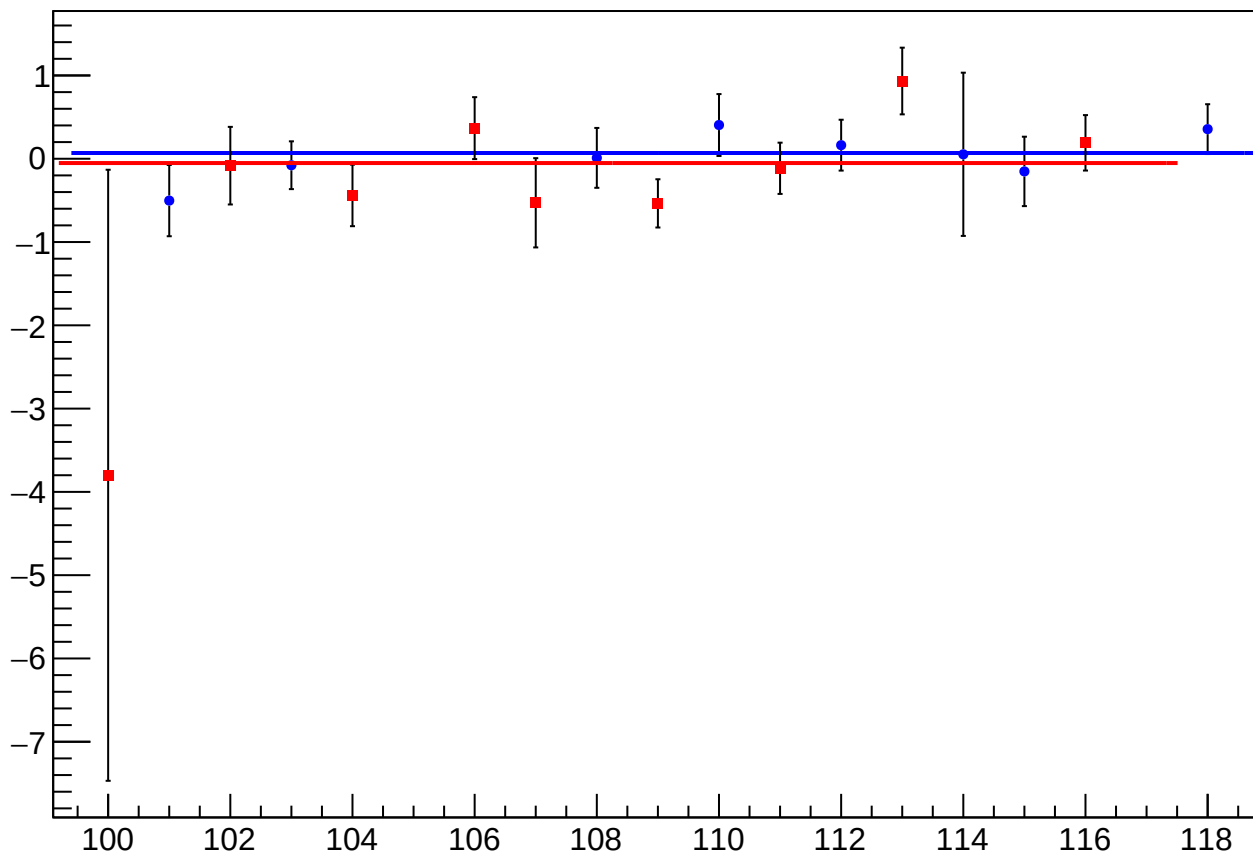
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 3145263.8/16

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

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.052 ± 0.129 χ^2/NDF : 13.6/8

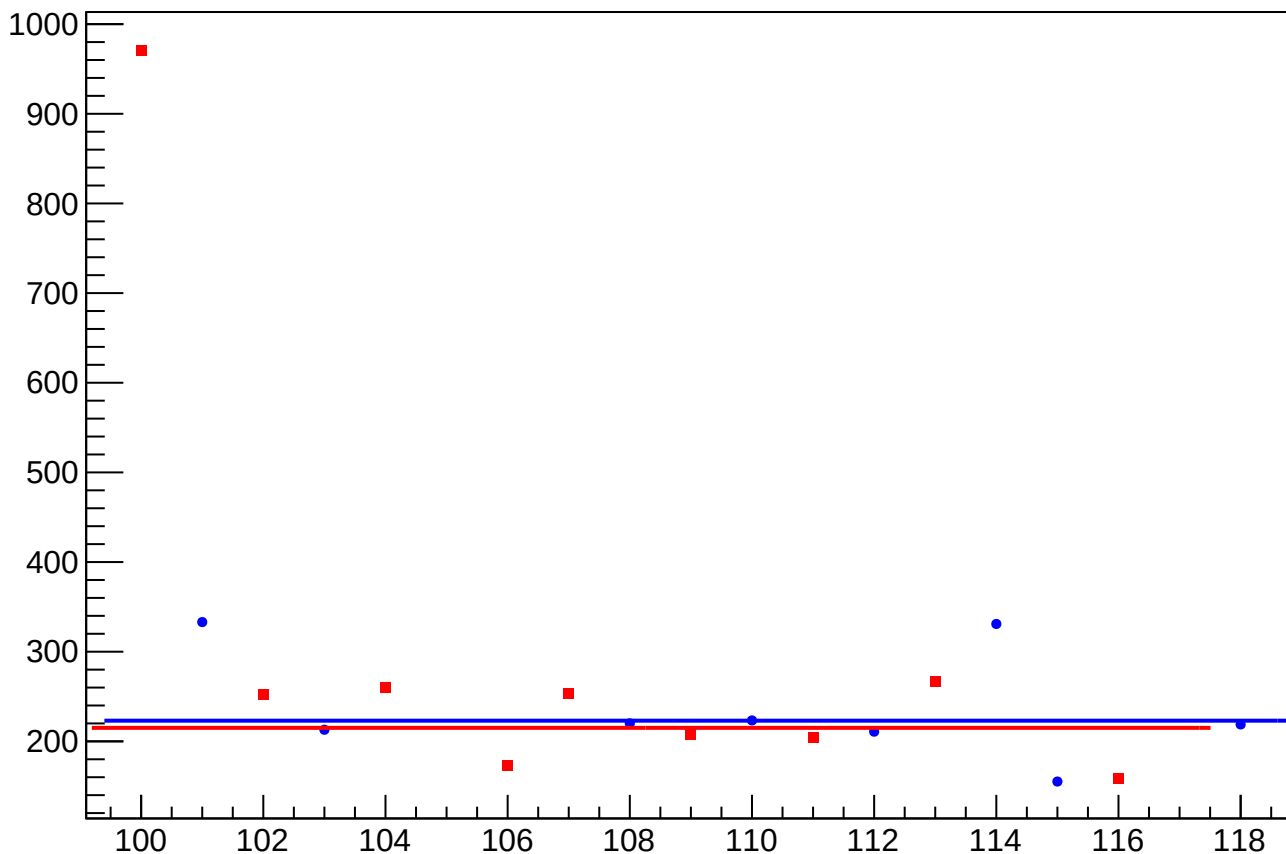
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.091 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



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: 215.058+/-0.091 χ^2/NDF : 256155.9/8

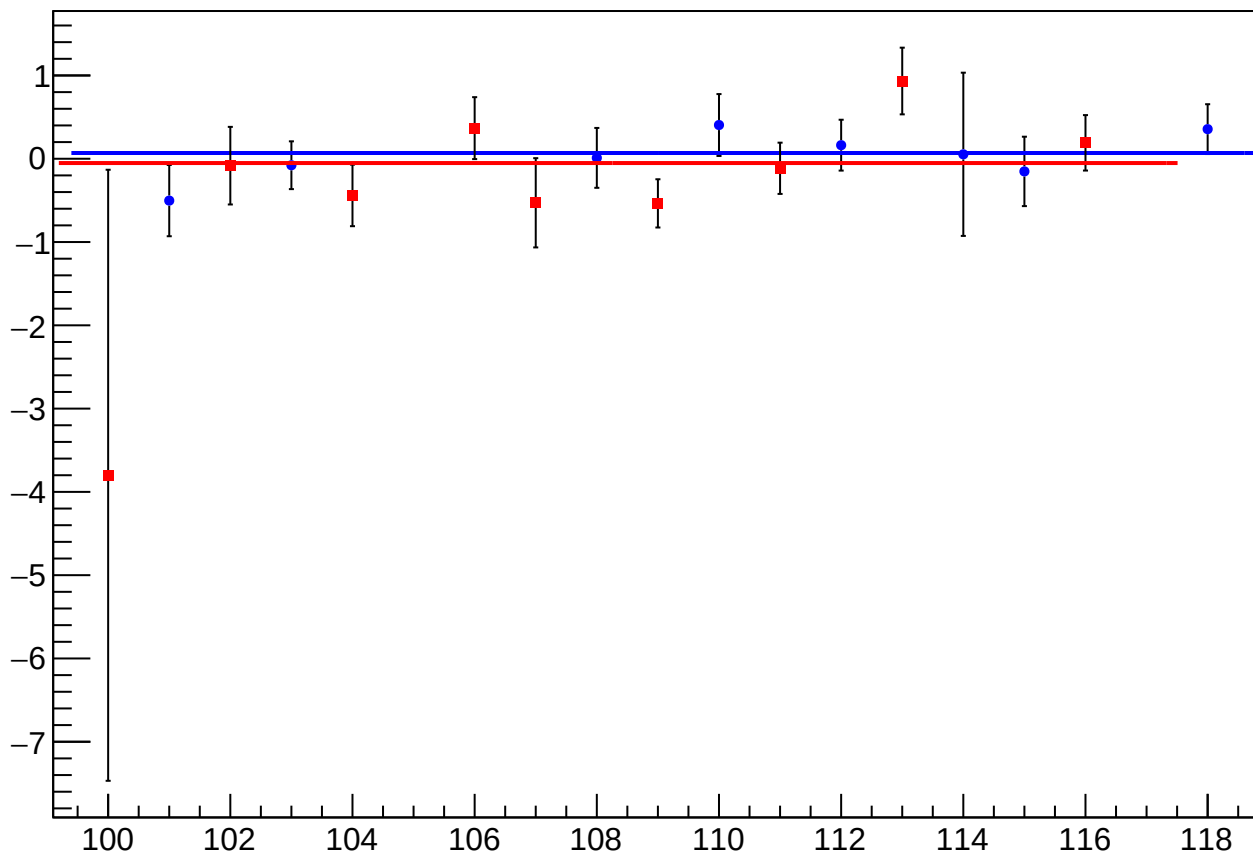
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.089+/-0.064 χ^2/NDF : 475825.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.052 ± 0.129 χ^2/NDF : 13.6/8

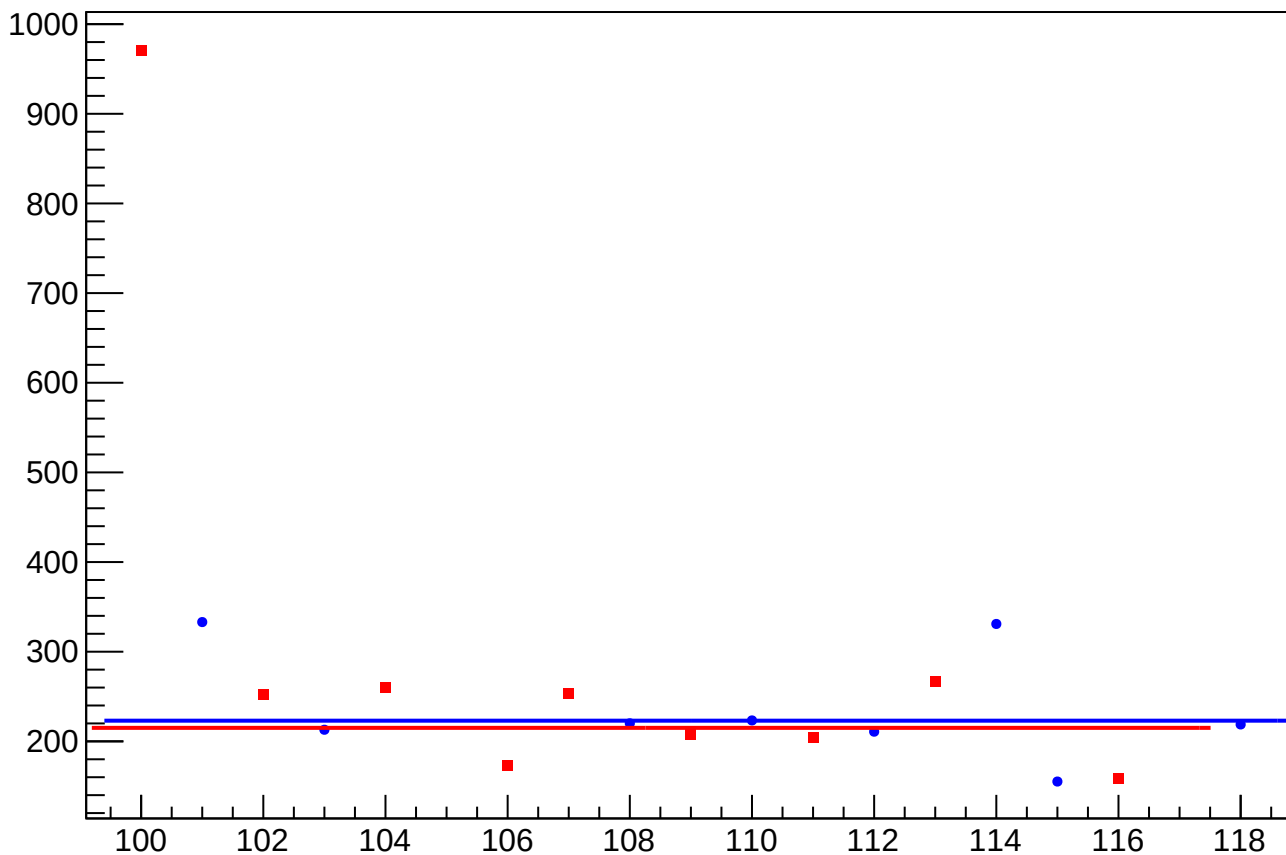
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.009 ± 0.091 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 215.058+/-0.091 χ^2/NDF : 256155.9/8

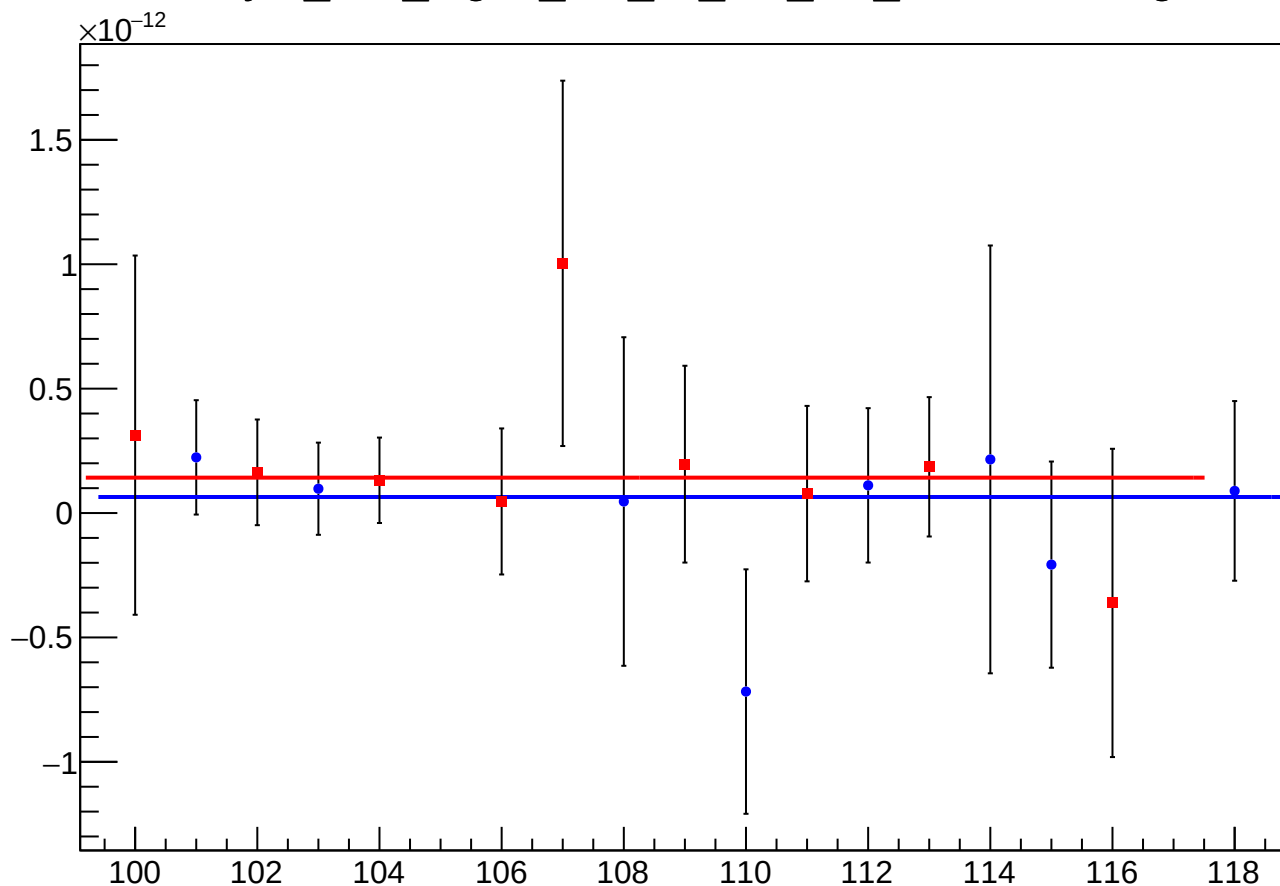
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.089+/-0.064 χ^2/NDF : 475825.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/8

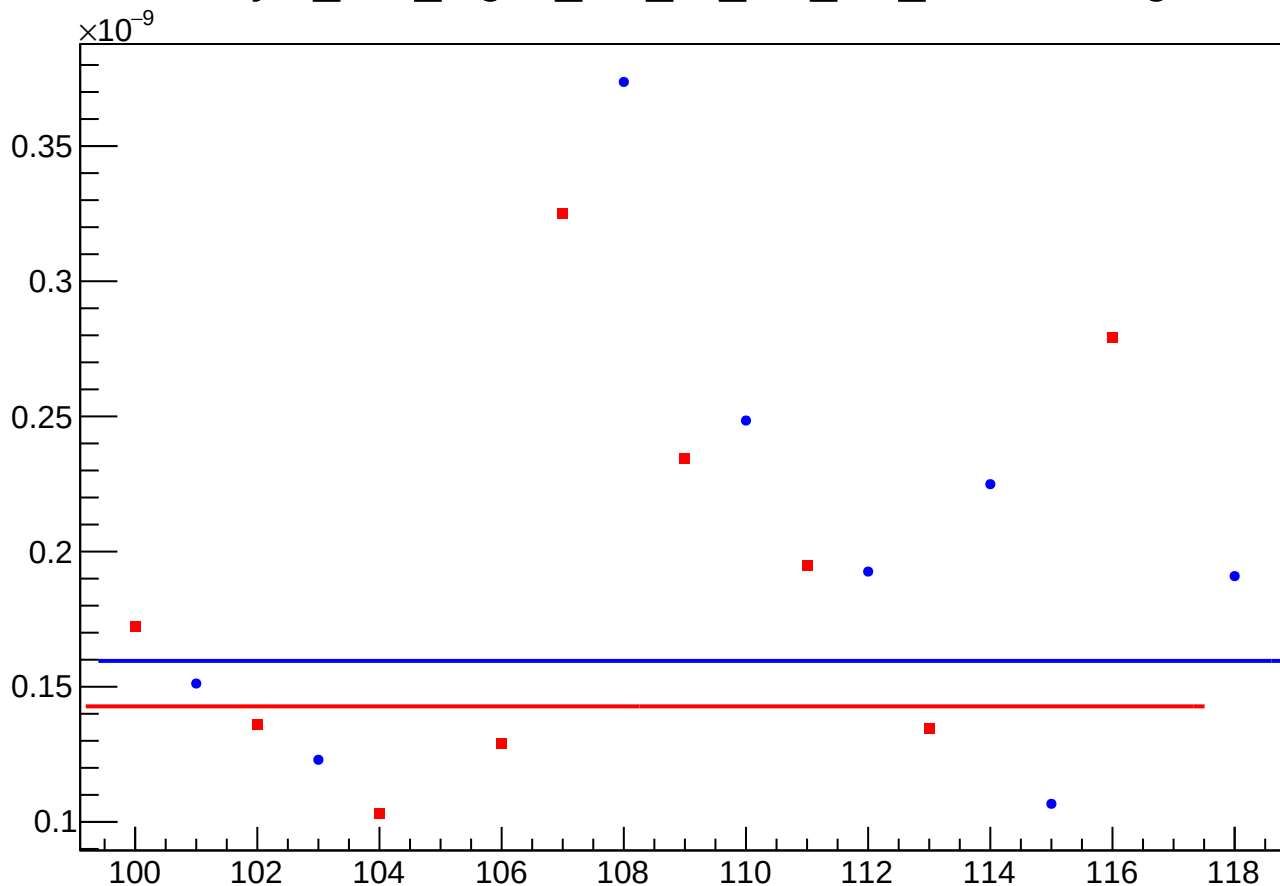
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/16

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

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



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 : 488925.5/8

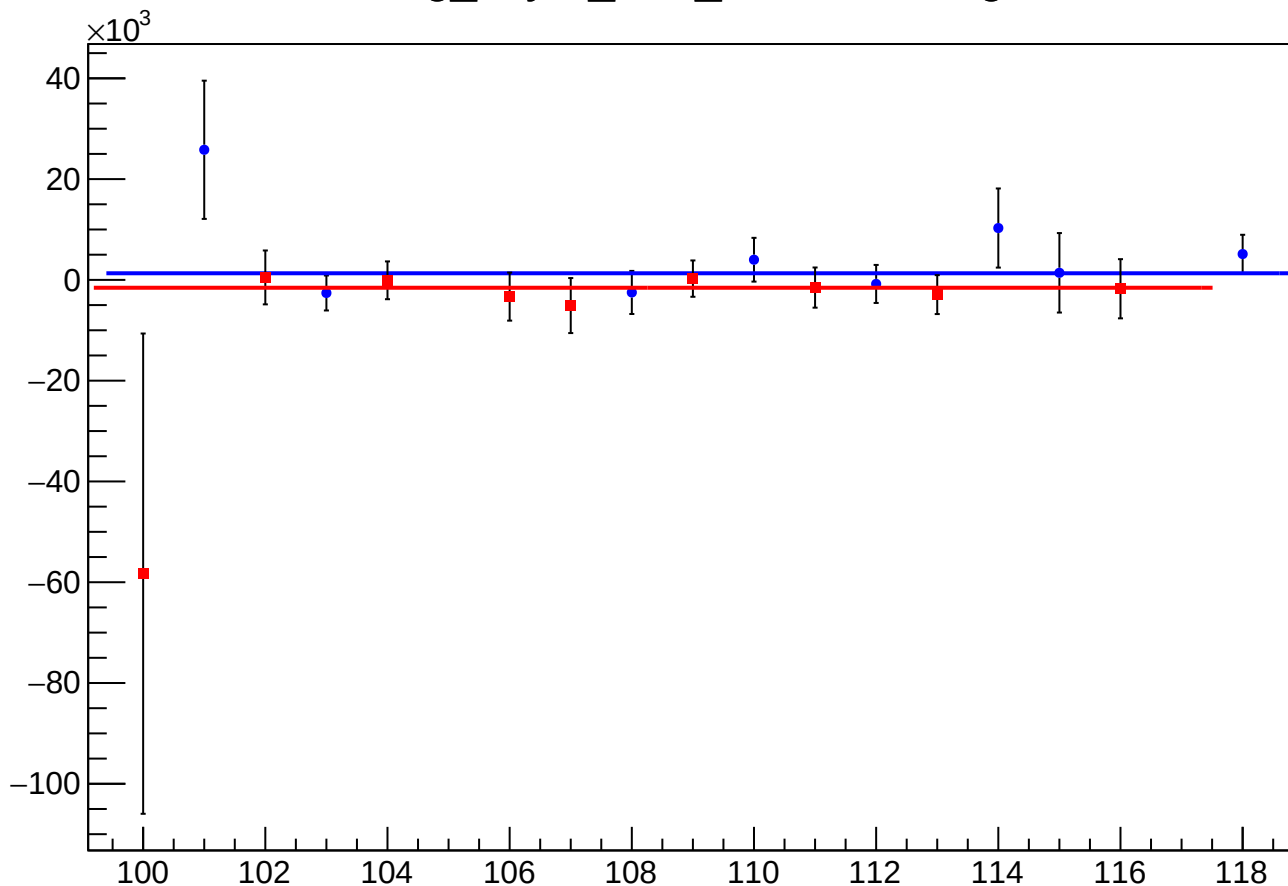
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 952511.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_mean vs Slug



Right In: 1312.958 $\pm$ 1650.442 χ^2 /NDF: 8.3/7

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

Right Out: -1559.408 $\pm$ 1543.069 χ^2 /NDF: 2.7/8

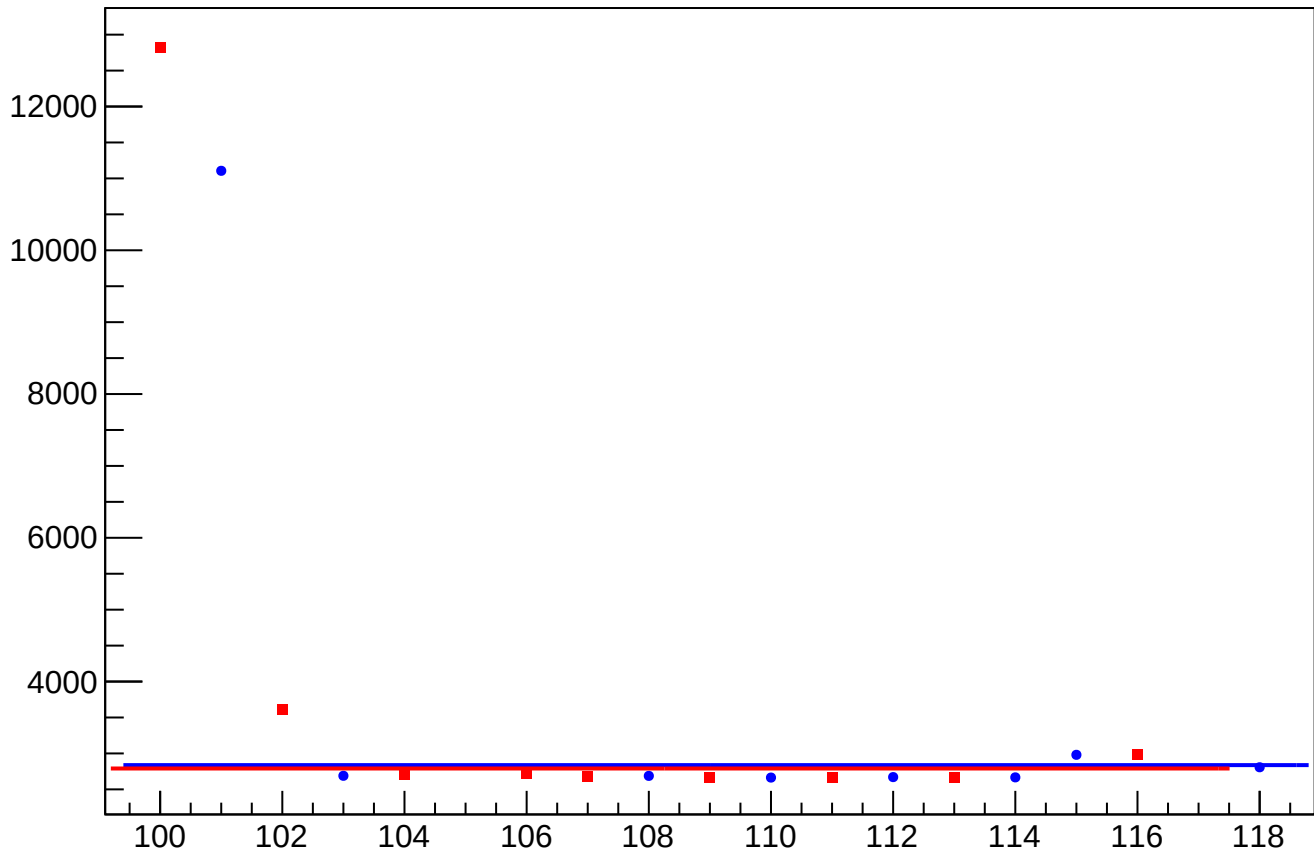
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -219.691 $\pm$ 1127.163 χ^2 /NDF: 12.5/16

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

reg_asym_atr1_rms vs Slug



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: 2790.365+/-1.091 χ^2/NDF : 146218.8/8

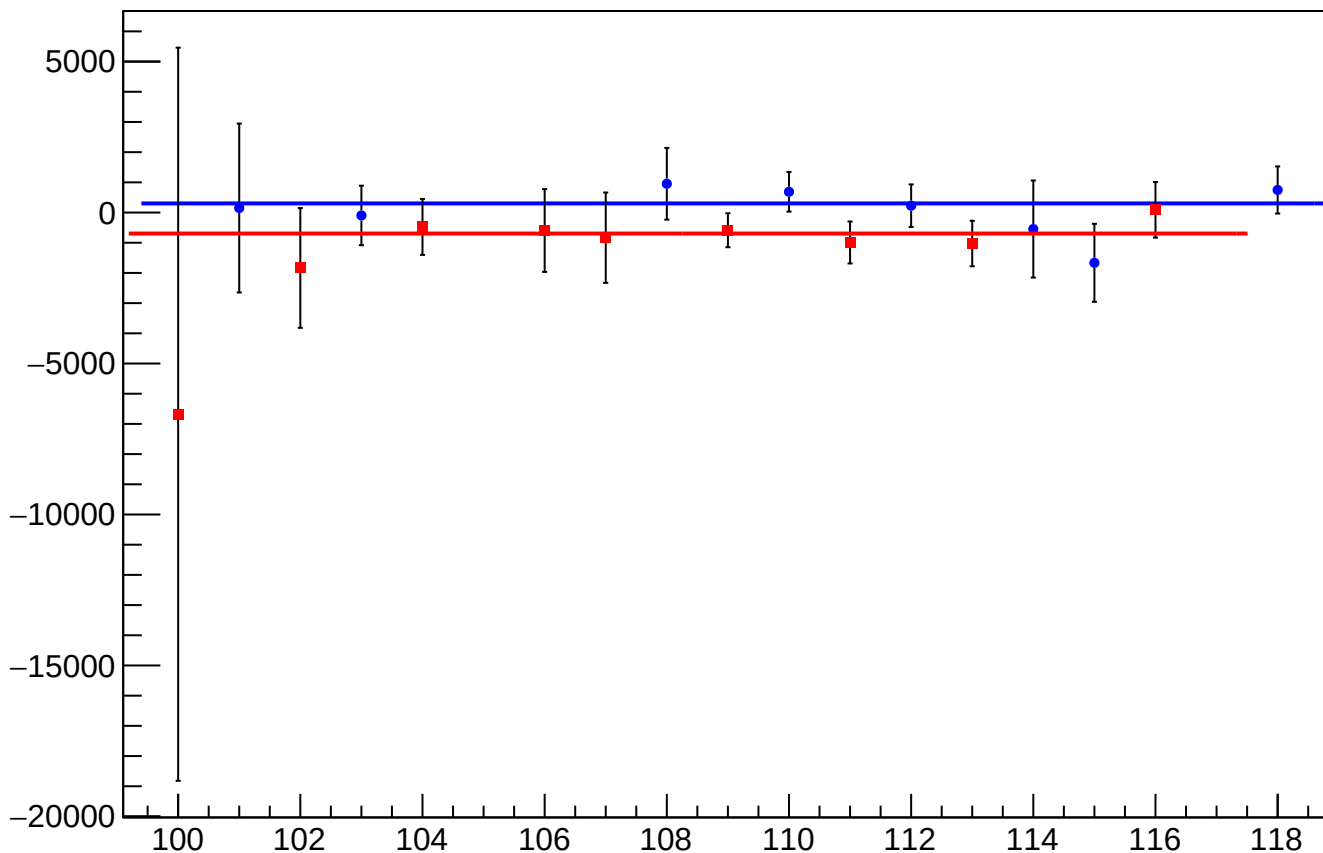
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2812.342+/-0.797 χ^2/NDF : 888776.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_mean vs Slug



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: -695.682+/-307.422 χ^2/NDF : 1.8/8

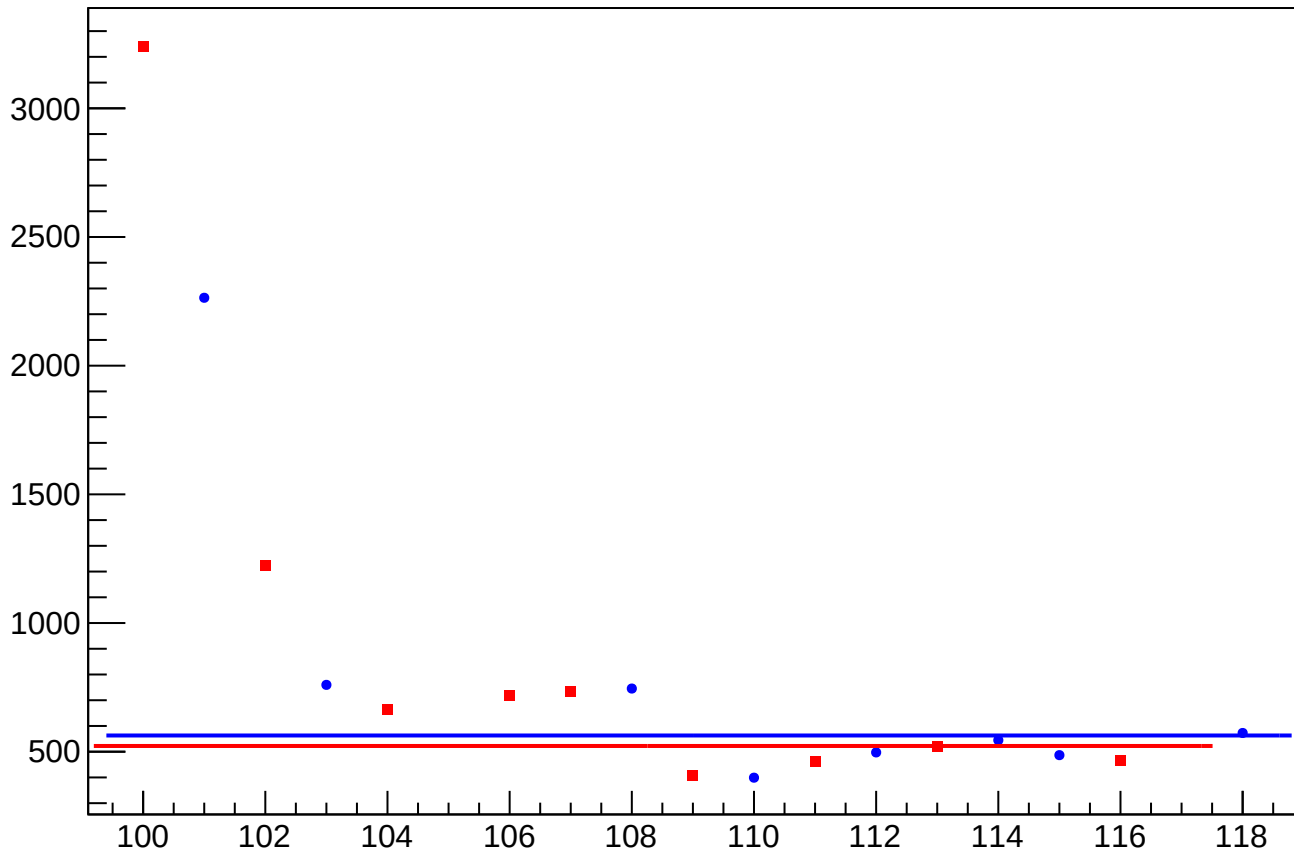
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -241.791+/-226.981 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 563.010 $\pm$ 0.238 χ^2 /NDF: 1016033.2/7

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

Right Out: 522.258 $\pm$ 0.217 χ^2 /NDF: 585401.5/8

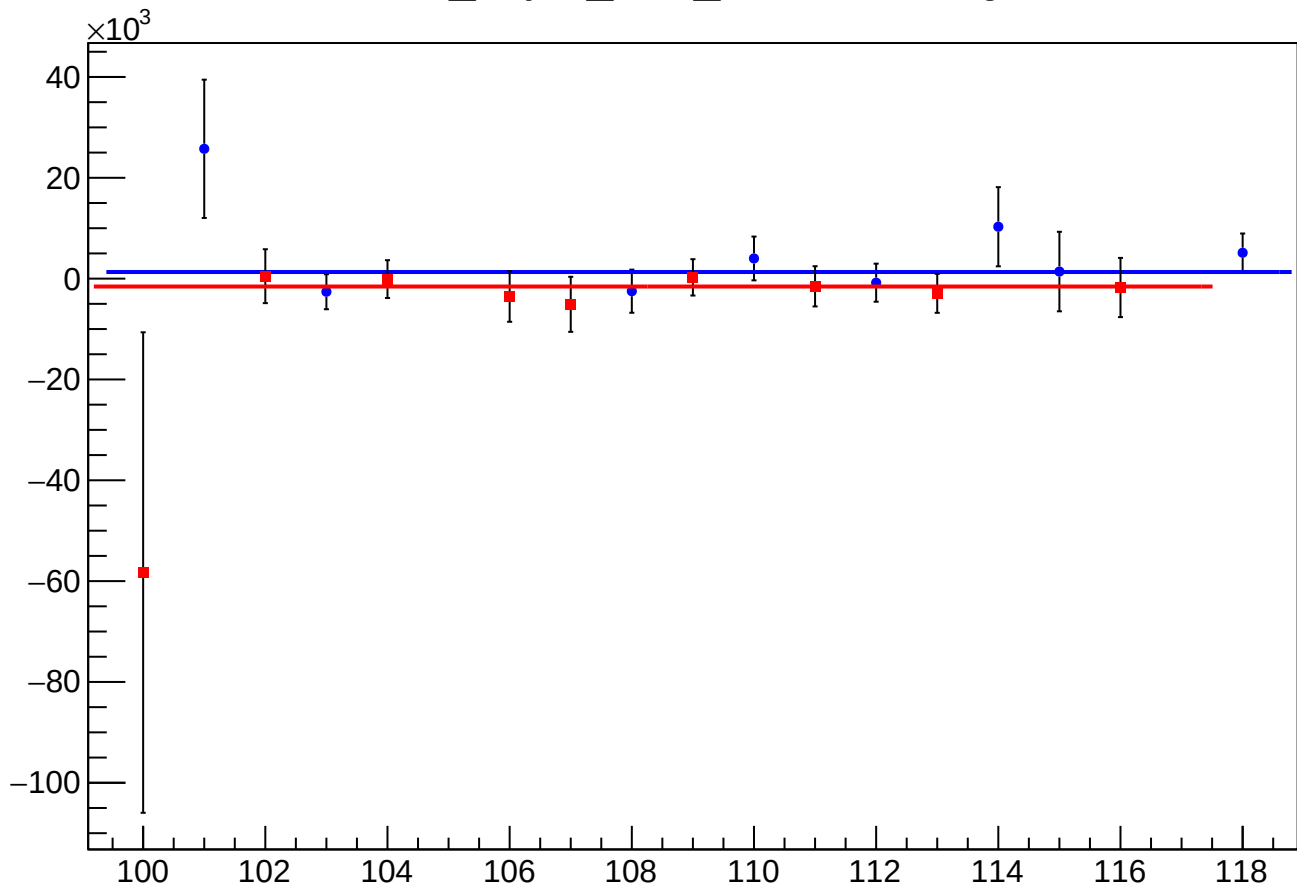
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 540.795 $\pm$ 0.160 χ^2 /NDF: 1617420.7/16

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

cor_asym_atr1_mean vs Slug



Right In: 1311.507 $\pm$ 1650.443 χ^2 /NDF: 8.2/7

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

Right Out: -1564.223 $\pm$ 1550.995 χ^2 /NDF: 2.7/8

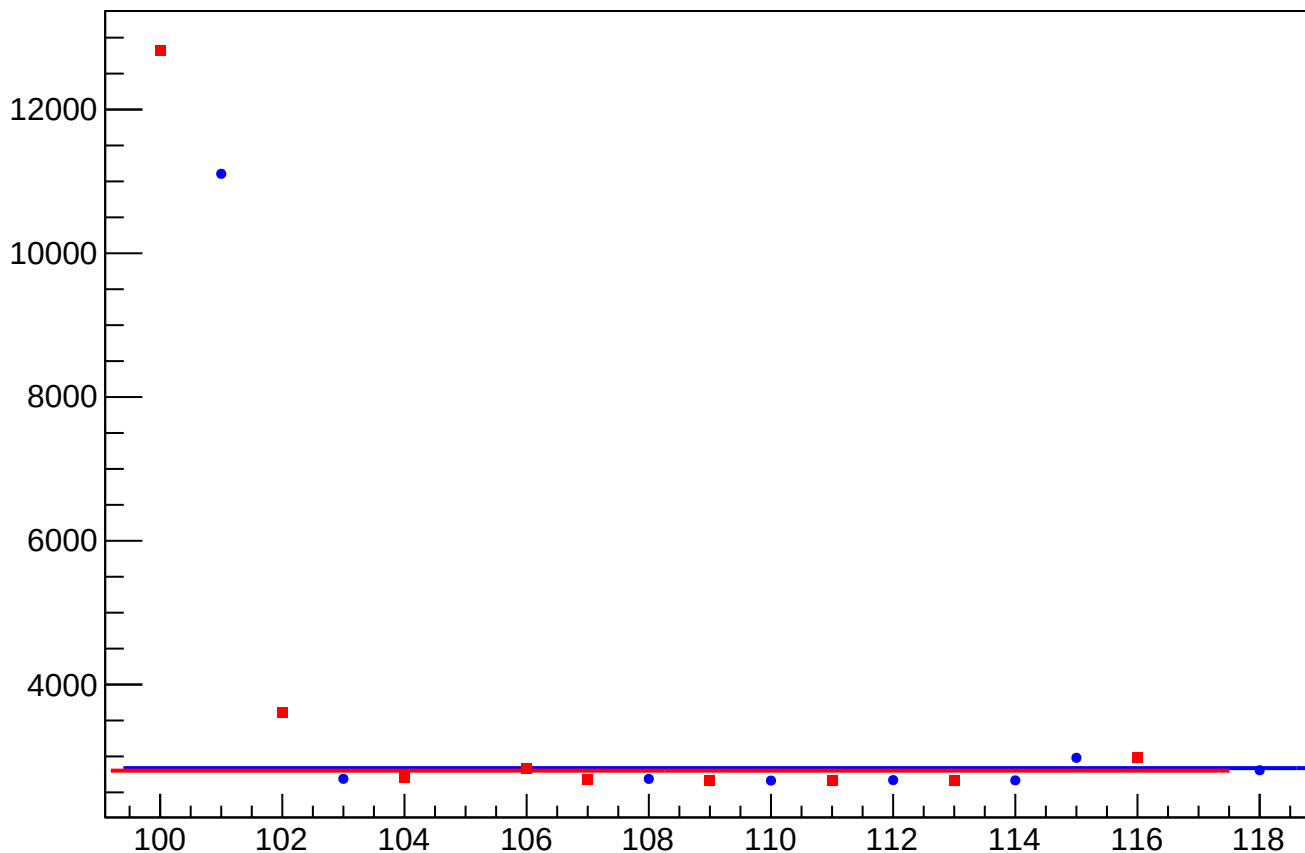
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -215.602 $\pm$ 1130.242 χ^2 /NDF: 12.5/16

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

cor_asym_atr1_rms vs Slug



Right In: 2837.484 $\pm$ 1.167 χ^2 /NDF: 741686.5/7

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

Right Out: 2802.299 $\pm$ 1.097 χ^2 /NDF: 145868.6/8

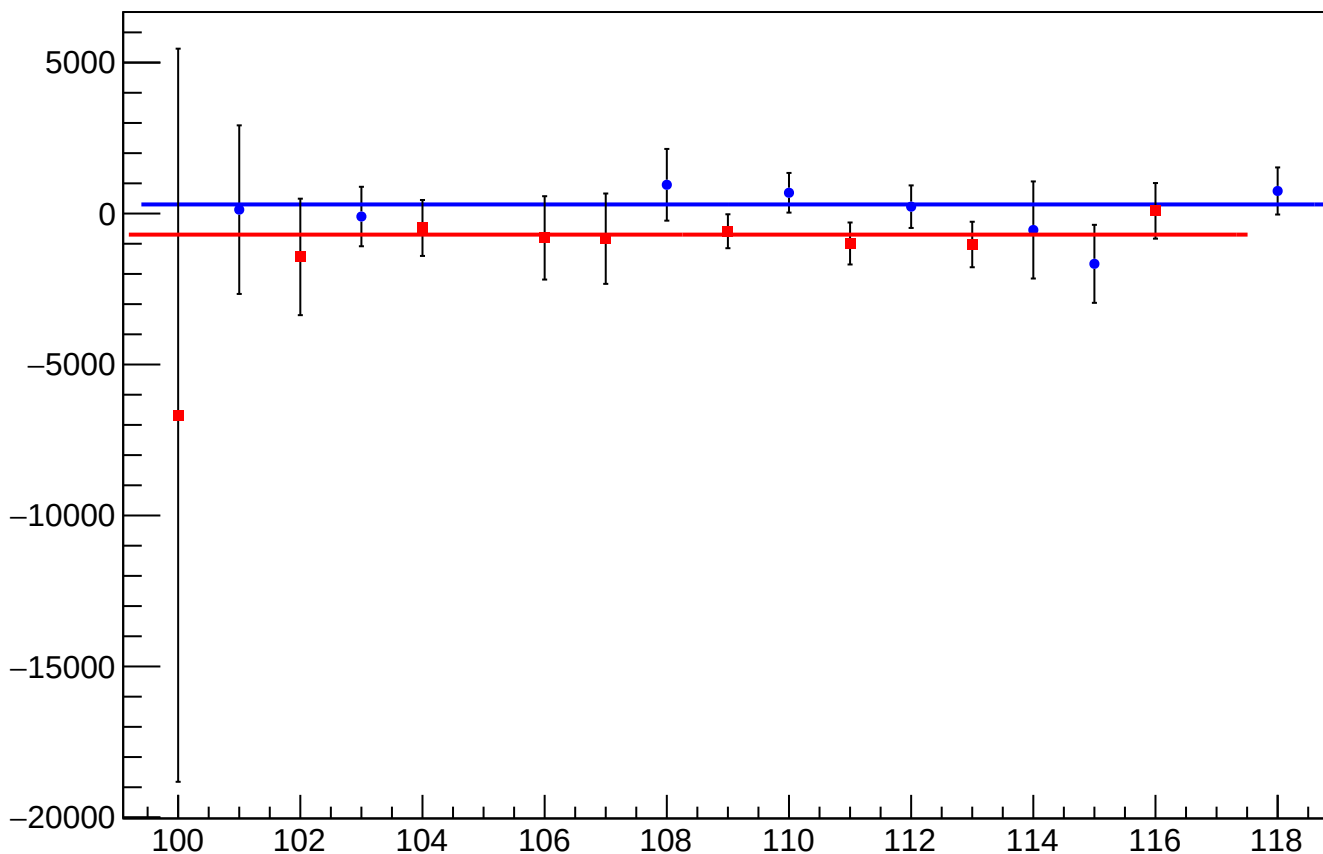
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2818.800 $\pm$ 0.799 χ^2 /NDF: 888037.8/16

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

asym_atr1_cor_correction_mean vs Slug



Right In: 301.649 $\pm$ 336.530 χ^2 /NDF: 3.7/7

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

Right Out: -697.937 $\pm$ 307.296 χ^2 /NDF: 1.6/8

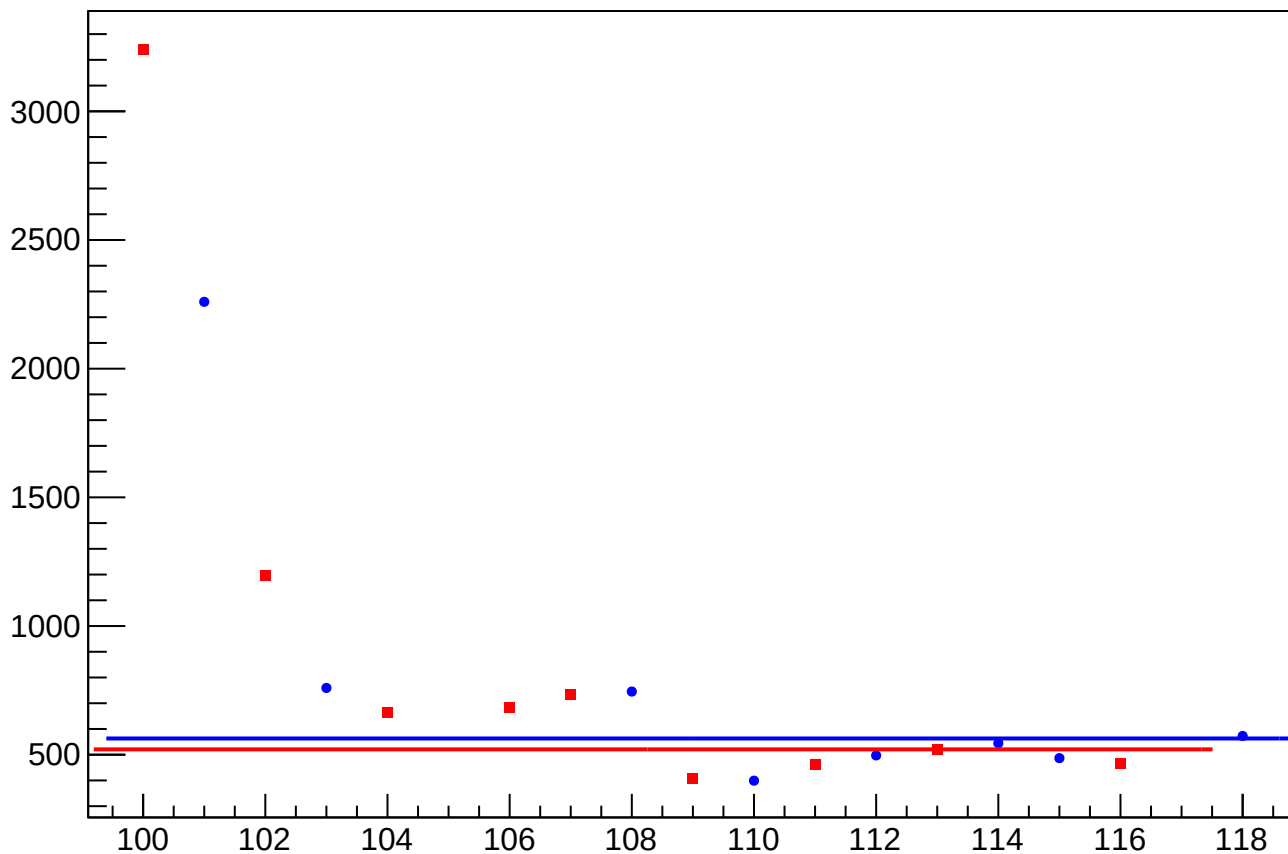
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -243.439 $\pm$ 226.924 χ^2 /NDF: 10.2/16

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

asym_atr1_cor_correction_rms vs Slug



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: 520.782+/-0.217 χ^2/NDF : 568120.7/8

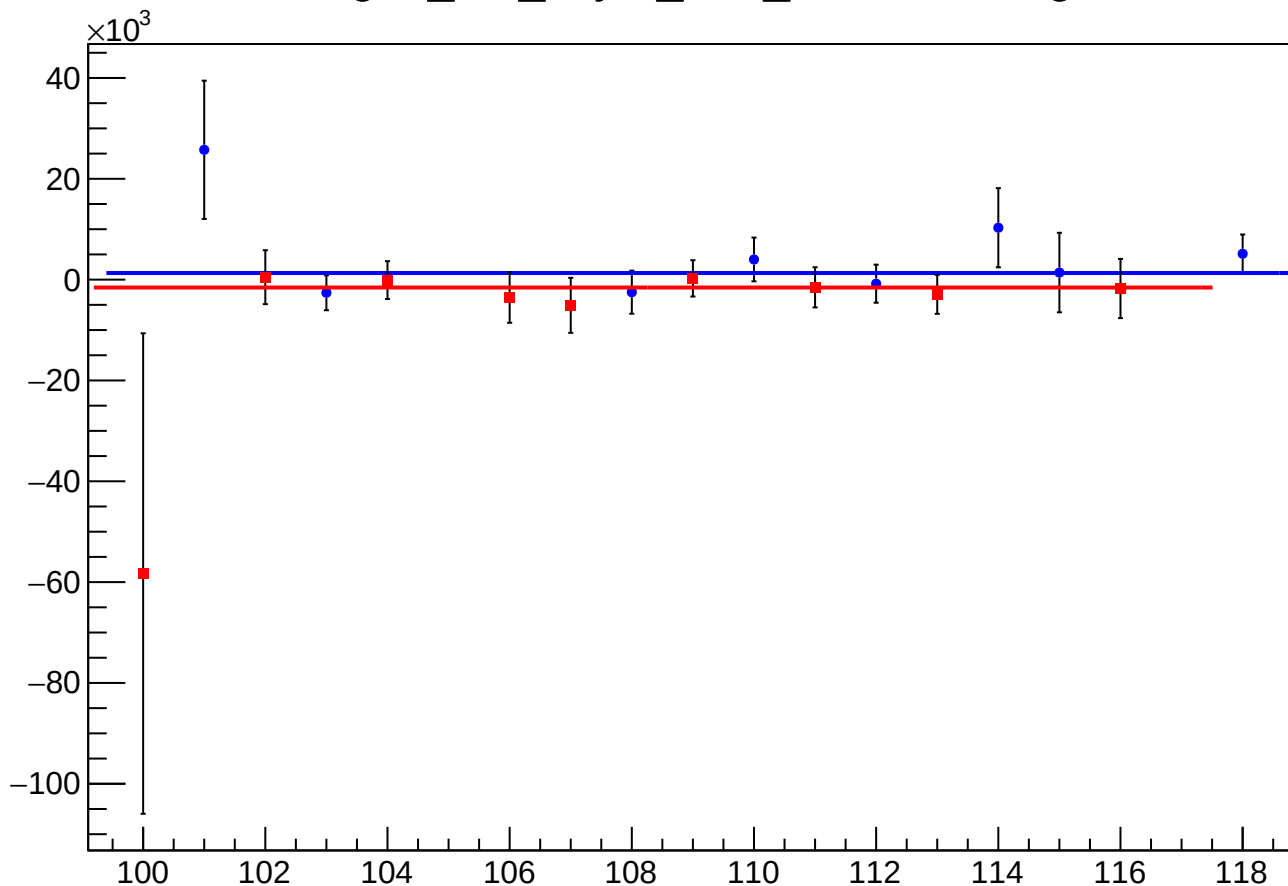
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.994+/-0.160 χ^2/NDF : 1600343.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 1311.507 $\pm$ 1650.443 χ^2 /NDF: 8.2/7

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

Right Out: -1564.223 $\pm$ 1550.995 χ^2 /NDF: 2.7/8

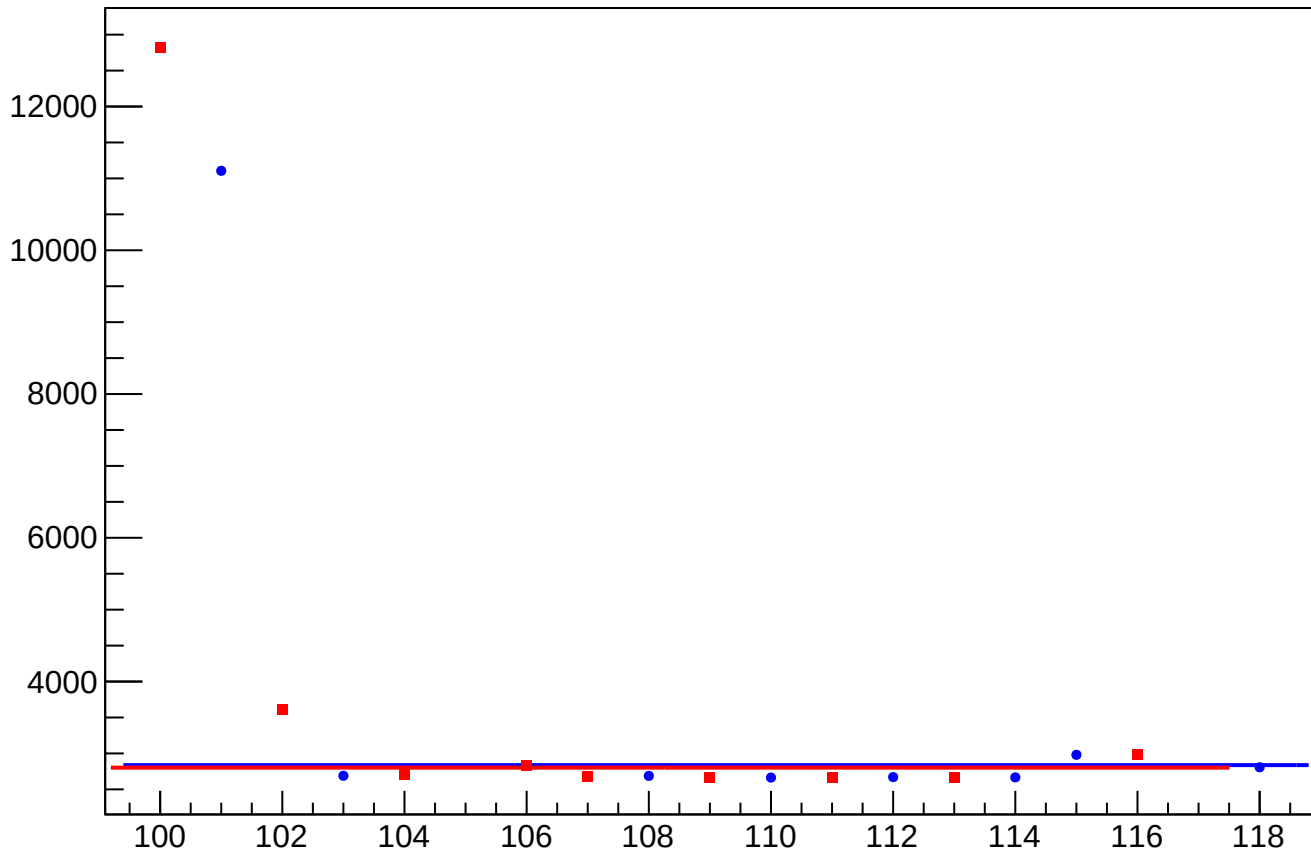
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -215.602 $\pm$ 1130.242 χ^2 /NDF: 12.5/16

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

eigen_cor_asym_atr1_rms vs Slug



Right In: 2837.484 $\pm$ 1.167 χ^2 /NDF: 741686.5/7

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

Right Out: 2802.299 $\pm$ 1.097 χ^2 /NDF: 145868.6/8

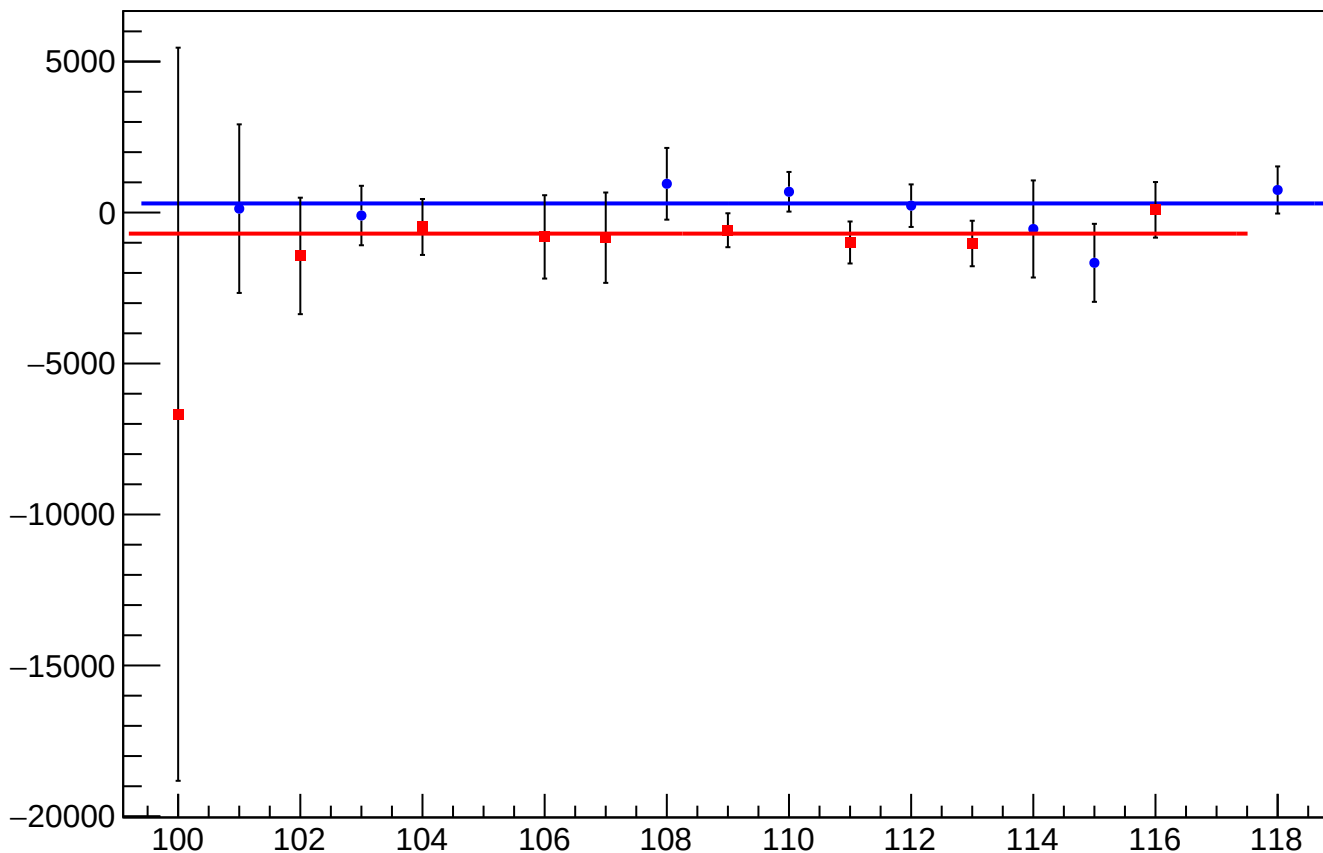
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2818.800 $\pm$ 0.799 χ^2 /NDF: 888037.8/16

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

asym_atr1_eigen_cor_correction_mean vs Slug



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: -697.937+/-307.296 χ^2/NDF : 1.6/8

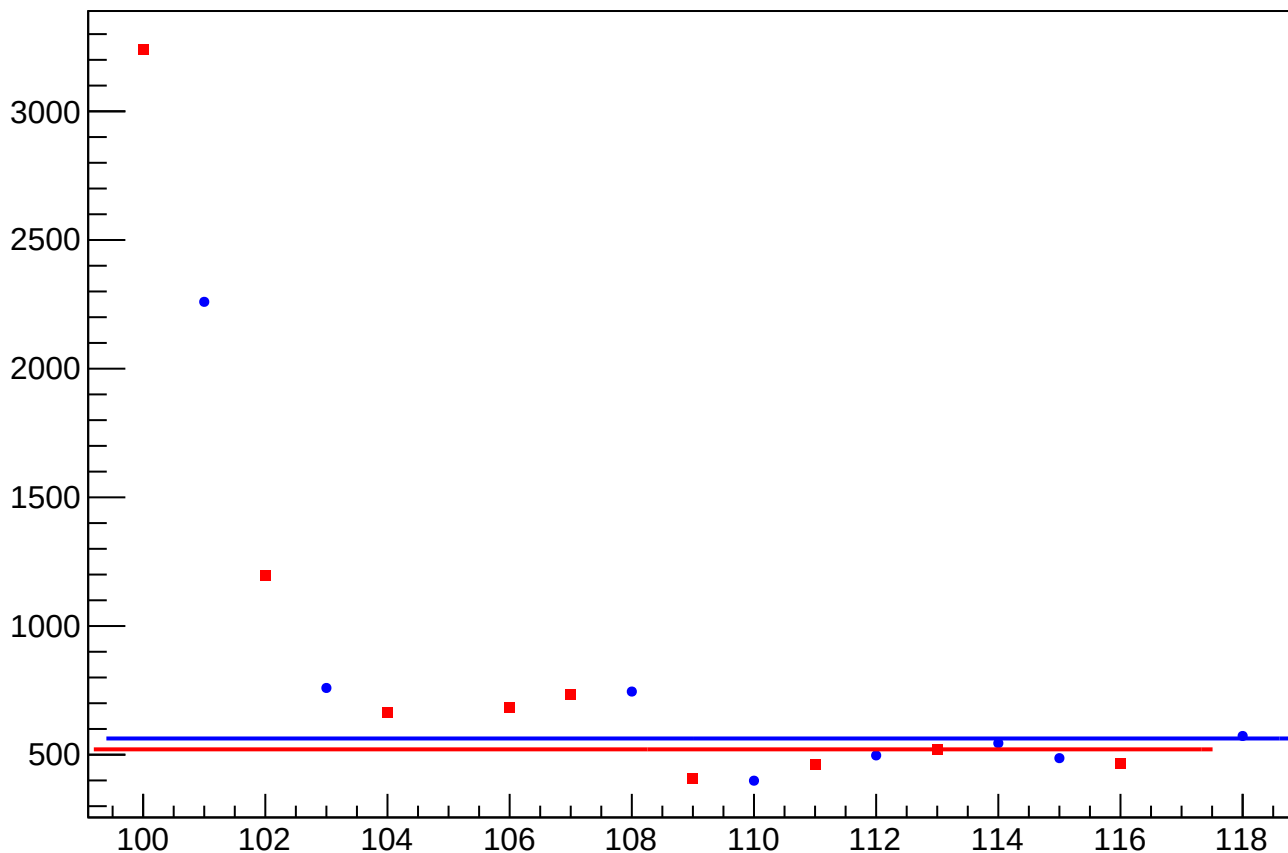
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.439+/-226.924 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



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: 520.782+/-0.217 χ^2/NDF : 568120.7/8

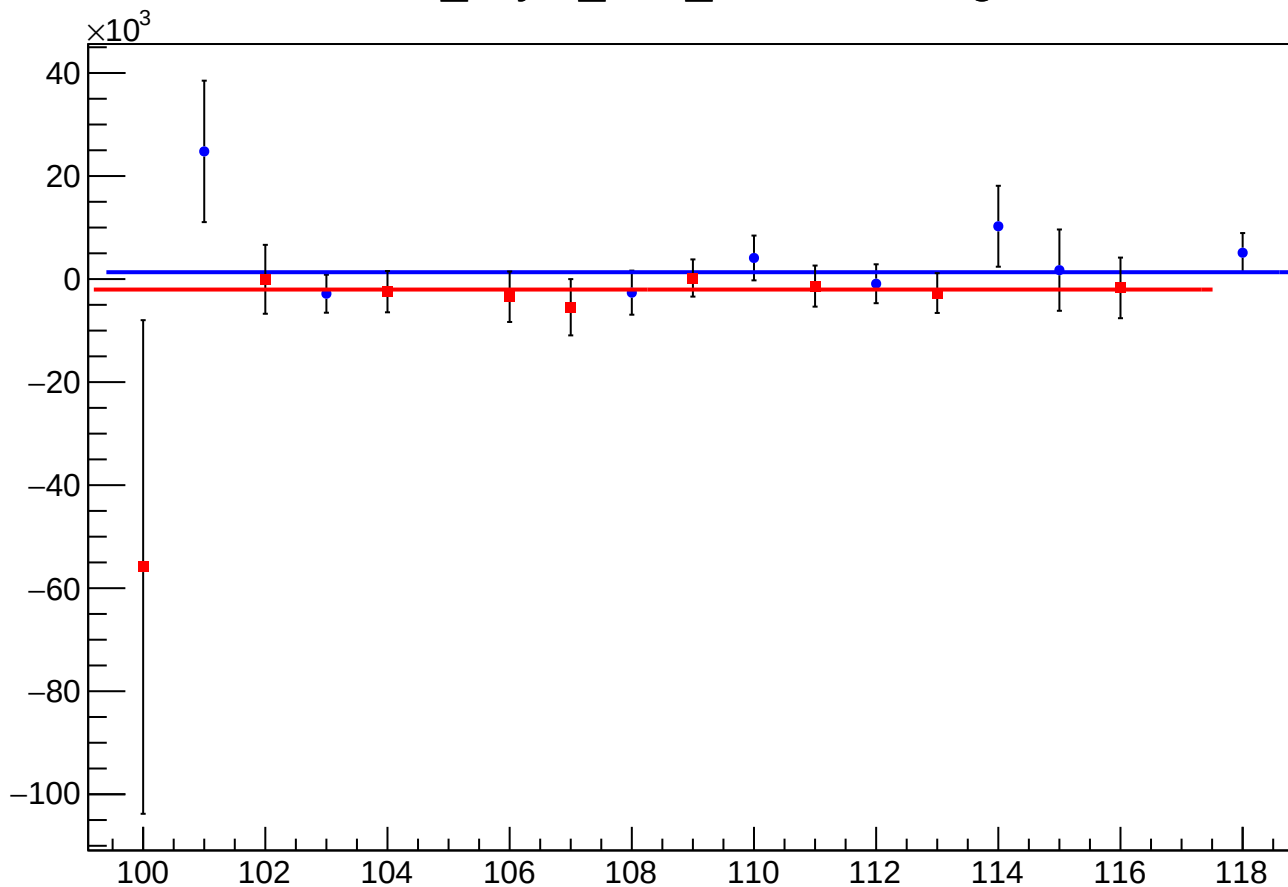
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 539.994+/-0.160 χ^2/NDF : 1600343.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 1333.148 $\pm$ 1673.151 χ^2 /NDF: 8.1/7

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

Right Out: -2033.576 $\pm$ 1589.845 χ^2 /NDF: 2.3/8

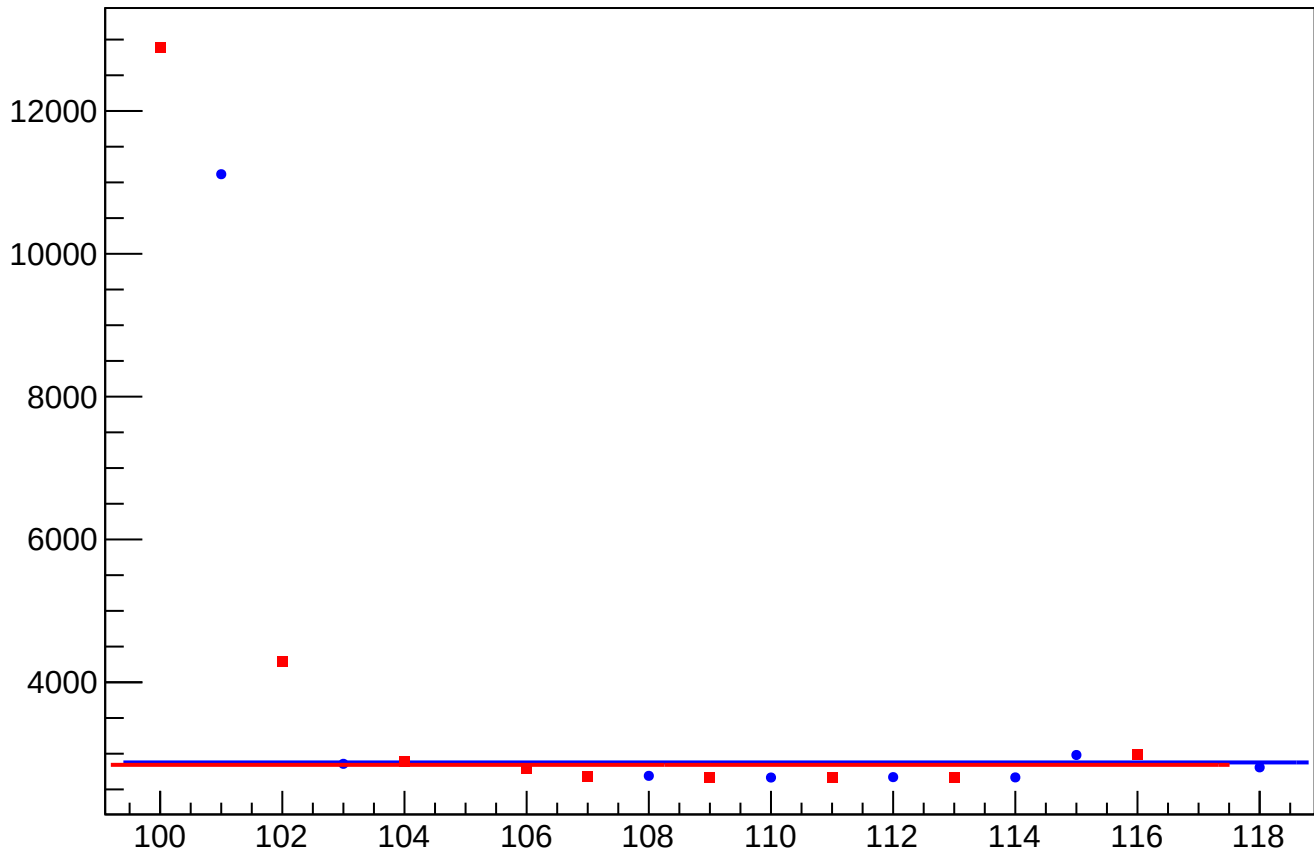
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -436.112 $\pm$ 1152.516 χ^2 /NDF: 12.5/16

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

dit_asym_atr1_rms vs Slug



Right In: 2877.596 $\pm$ 1.183 χ^2 /NDF: 737099.5/7

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

Right Out: 2844.057 $\pm$ 1.124 χ^2 /NDF: 198553.1/8

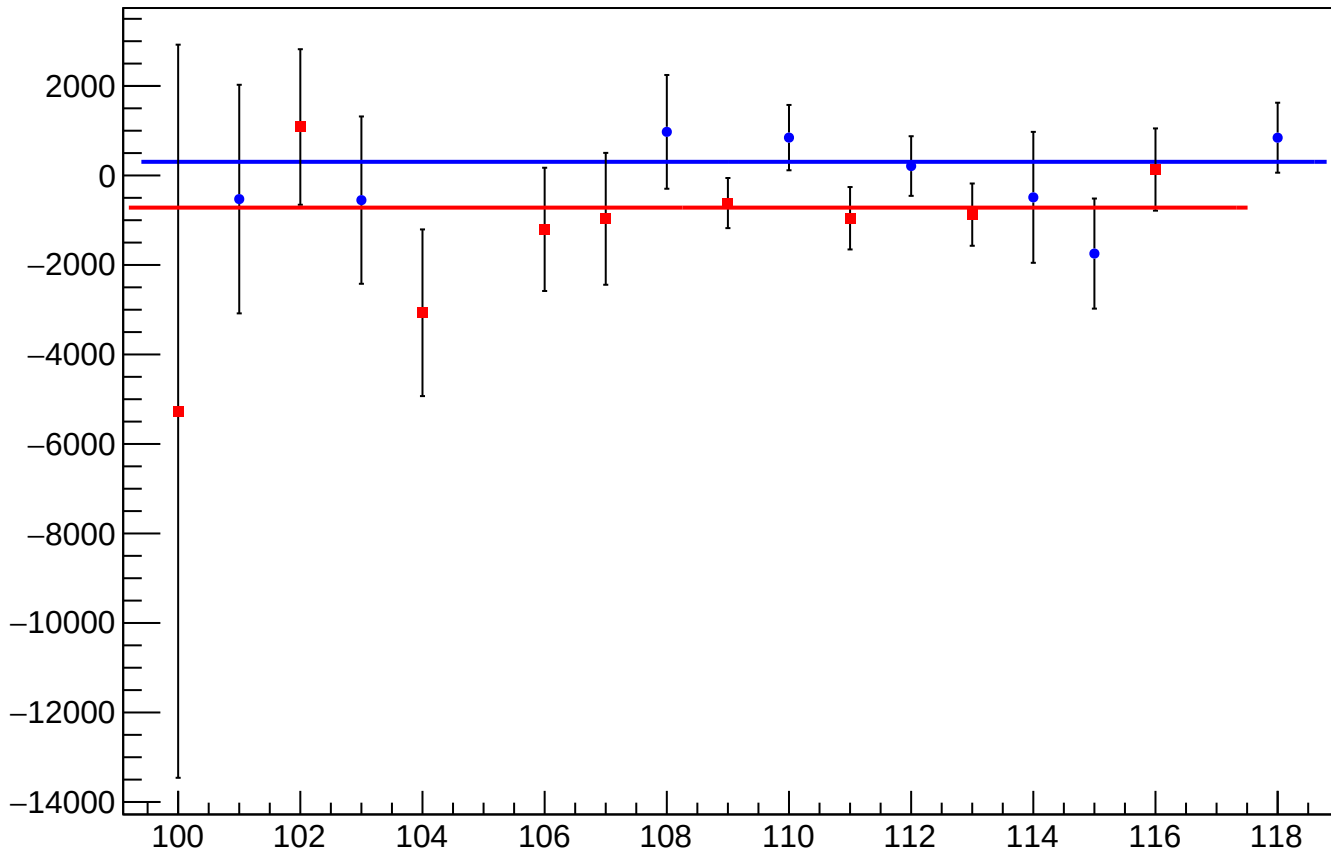
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 2859.971 $\pm$ 0.815 χ^2 /NDF: 936075.0/16

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

asym_atr1_dit_correction_mean vs Slug



Right In: 304.764 $\pm$ 354.627 χ^2 /NDF: 4.7/7

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

Right Out: -718.589 $\pm$ 314.373 χ^2 /NDF: 4.2/8

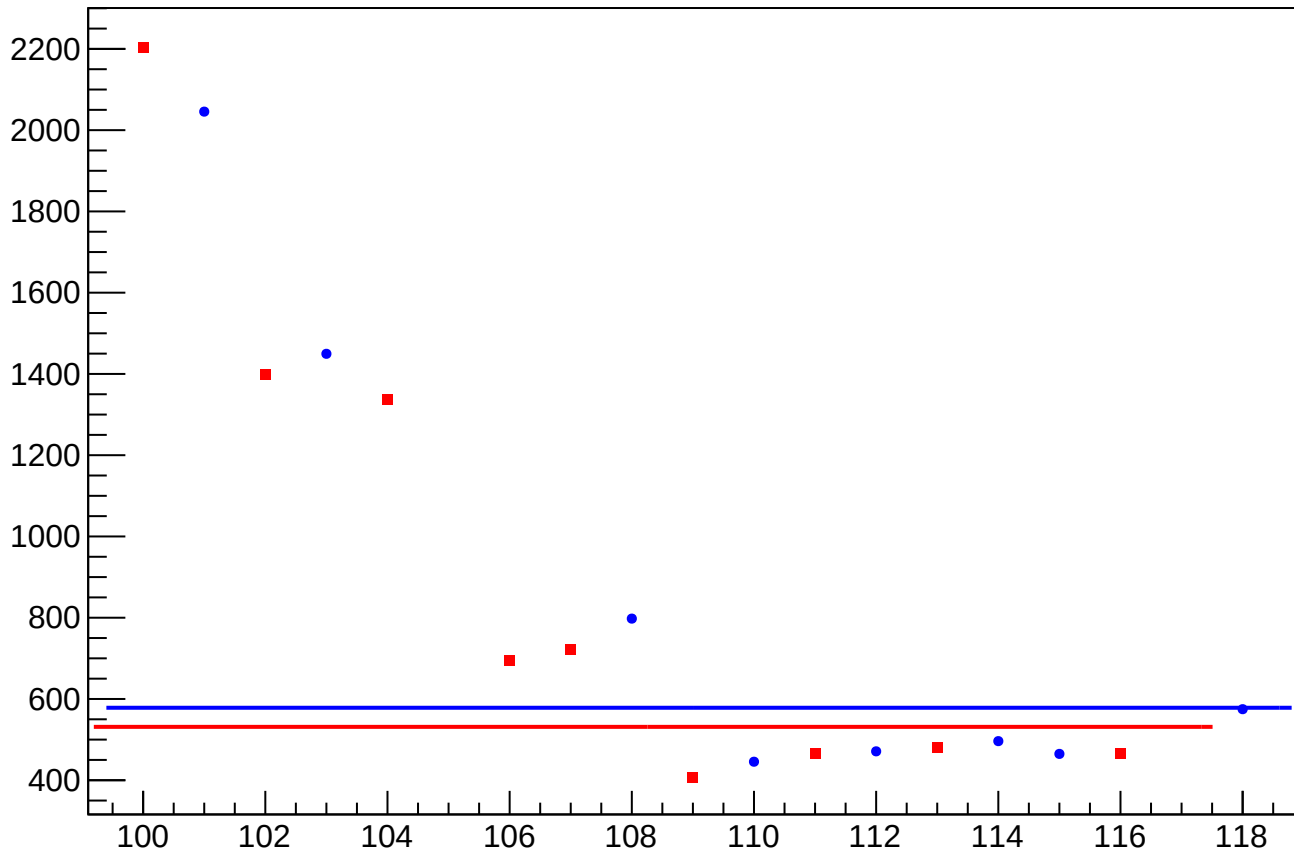
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -268.267 $\pm$ 235.245 χ^2 /NDF: 13.6/16

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

asym_atr1_dit_correction_rms vs Slug



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: 531.380+/-0.222 χ^2/NDF : 1155059.2/8

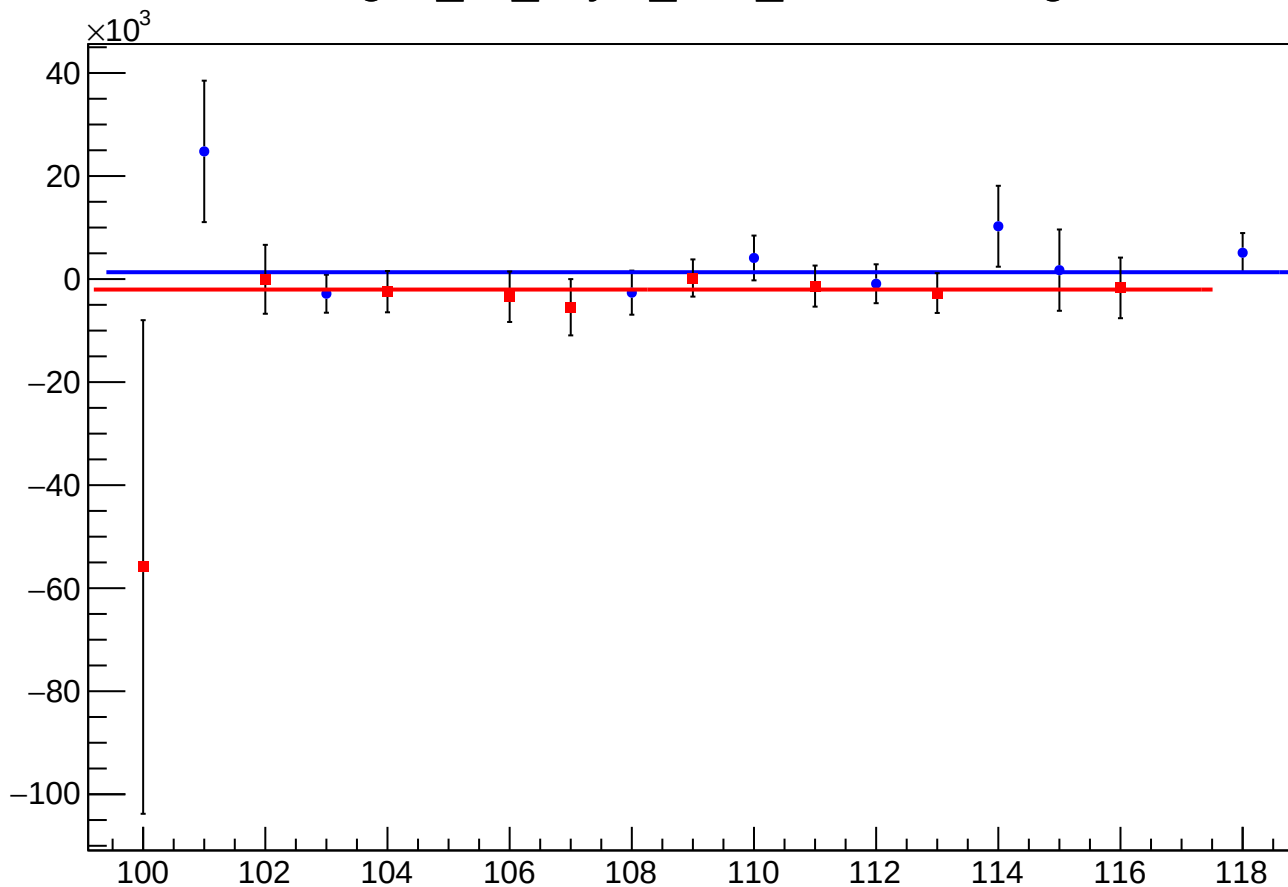
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.069+/-0.166 χ^2/NDF : 2470102.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1_mean vs Slug



Right In: 1333.149 $\pm$ 1673.150 χ^2 /NDF: 8.1/7

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

Right Out: -2033.573 $\pm$ 1589.845 χ^2 /NDF: 2.3/8

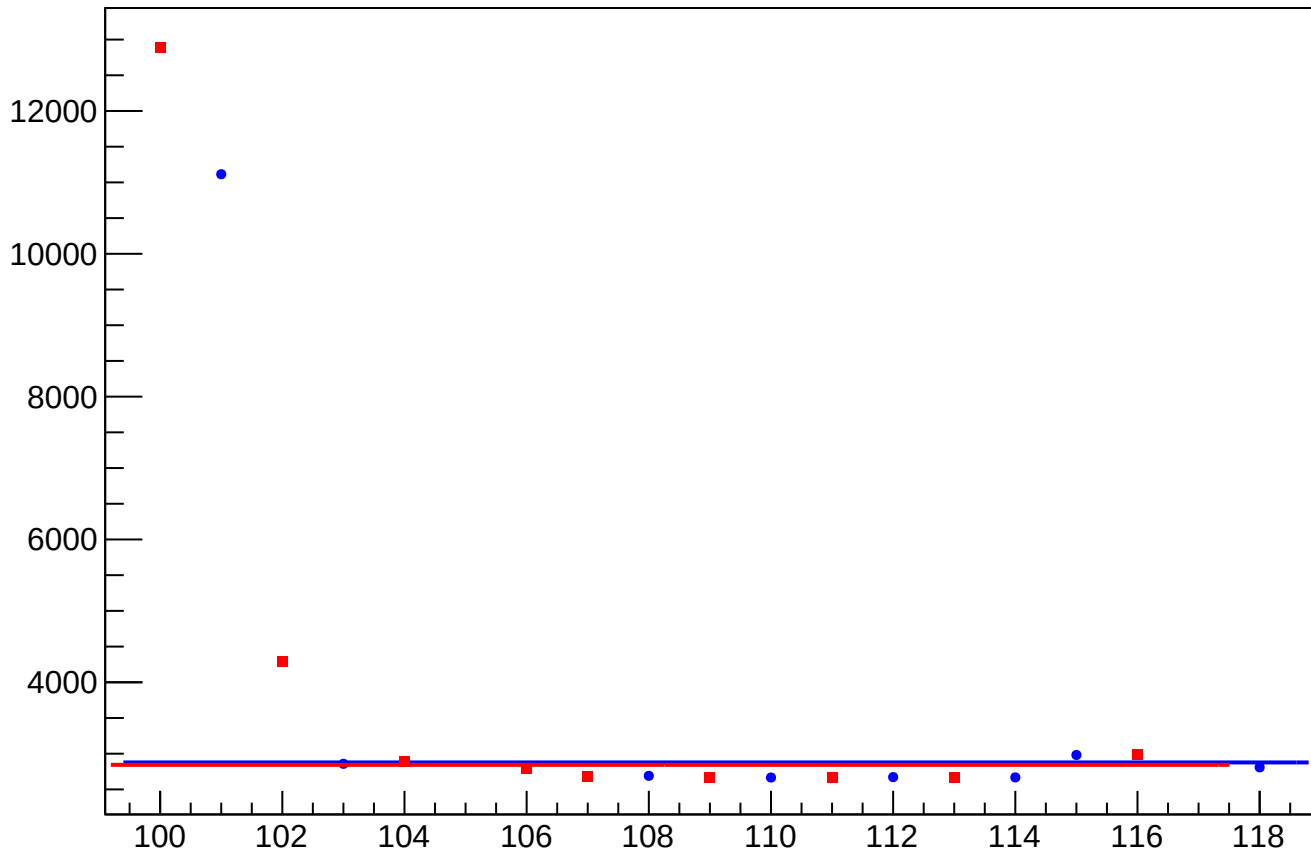
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -436.110 $\pm$ 1152.515 χ^2 /NDF: 12.5/16

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

eigen_dit_asym_atr1_rms vs Slug



Right In: 2877.596 $\pm$ 1.183 χ^2 /NDF: 737099.5/7

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

Right Out: 2844.056 $\pm$ 1.124 χ^2 /NDF: 198552.9/8

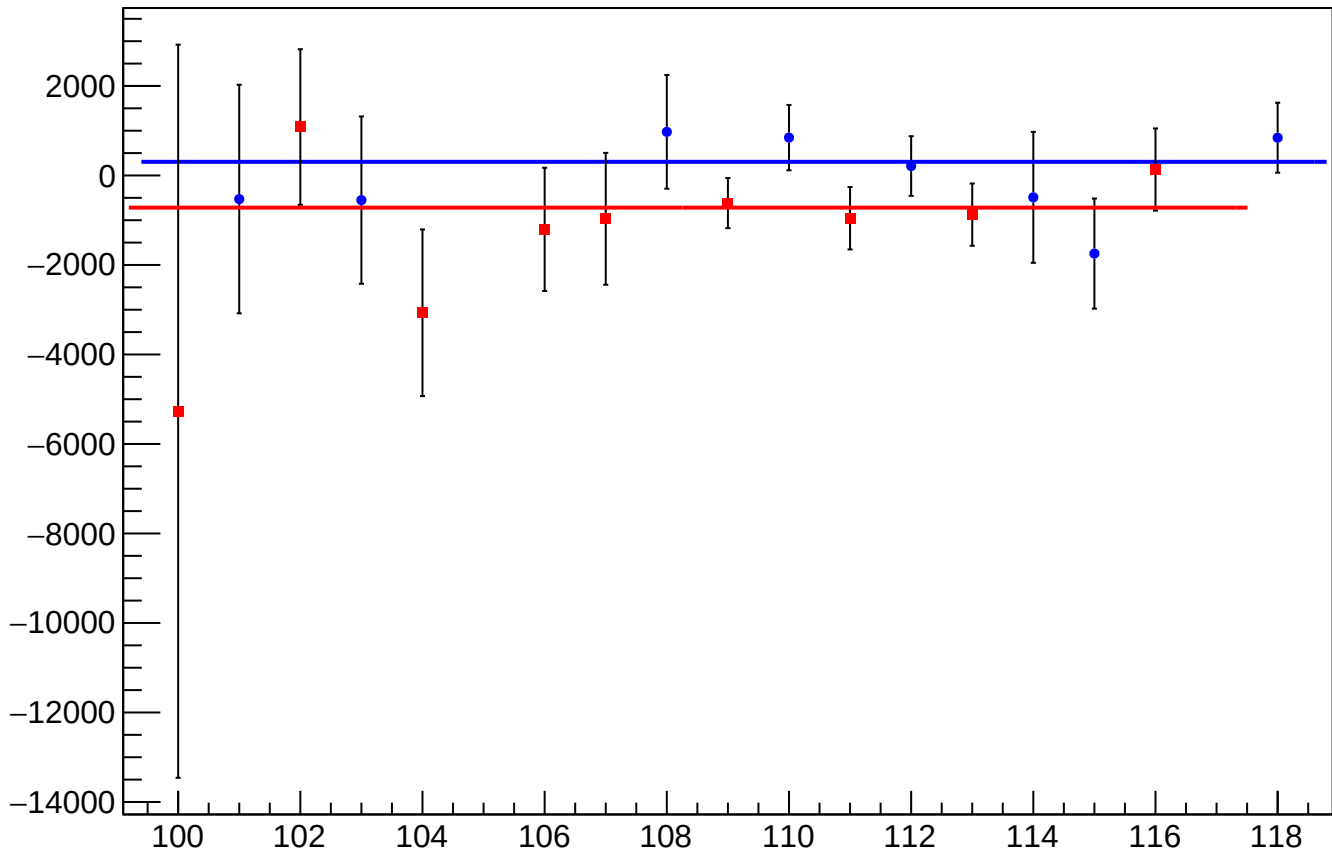
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2859.970 $\pm$ 0.815 χ^2 /NDF: 936074.8/16

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

asym_atr1_eigen_dit_correction_mean vs Slug



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: -718.588 $\pm$ 314.373 χ^2 /NDF: 4.2/8

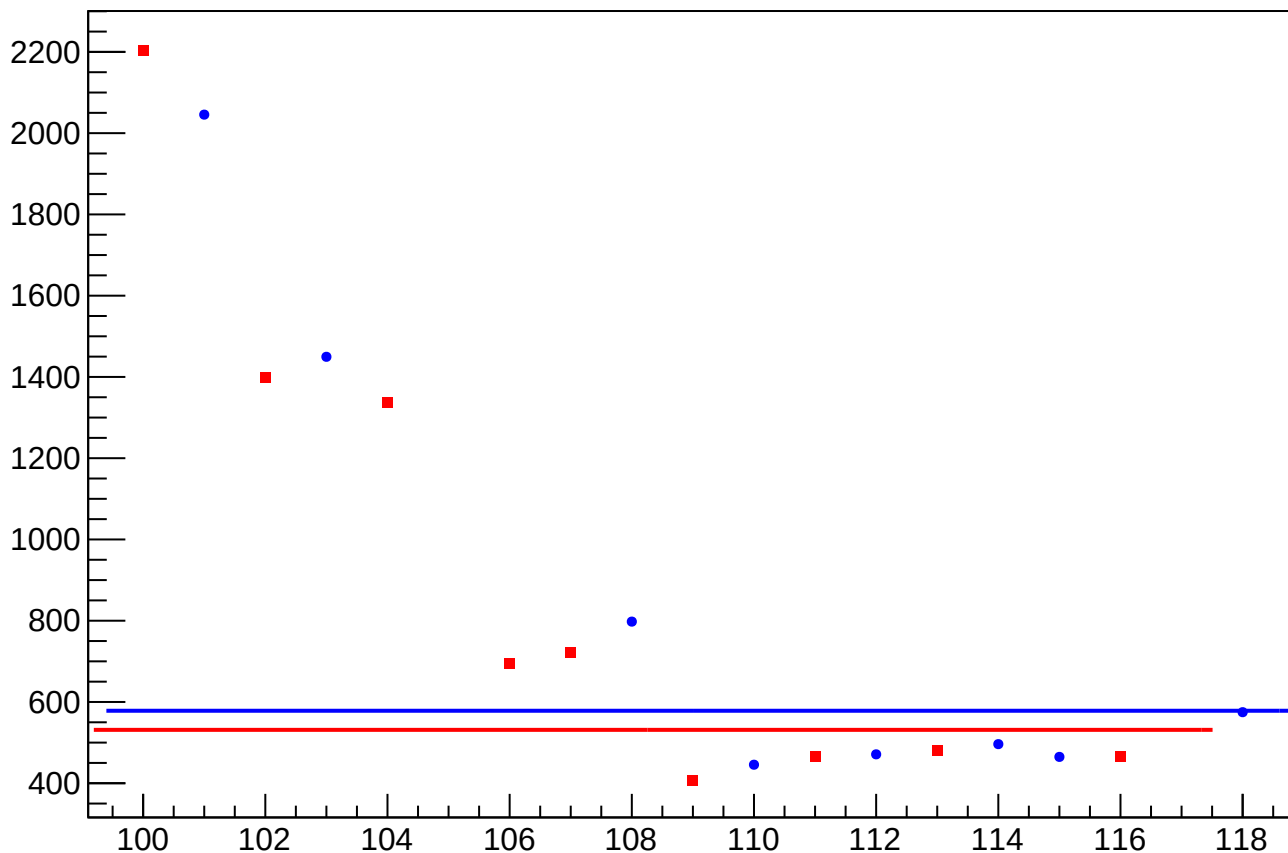
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -268.266 $\pm$ 235.246 χ^2 /NDF: 13.6/16

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

asym_atr1_eigen_dit_correction_rms vs Slug



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: 531.381+/-0.222 χ^2/NDF : 1155055.2/8

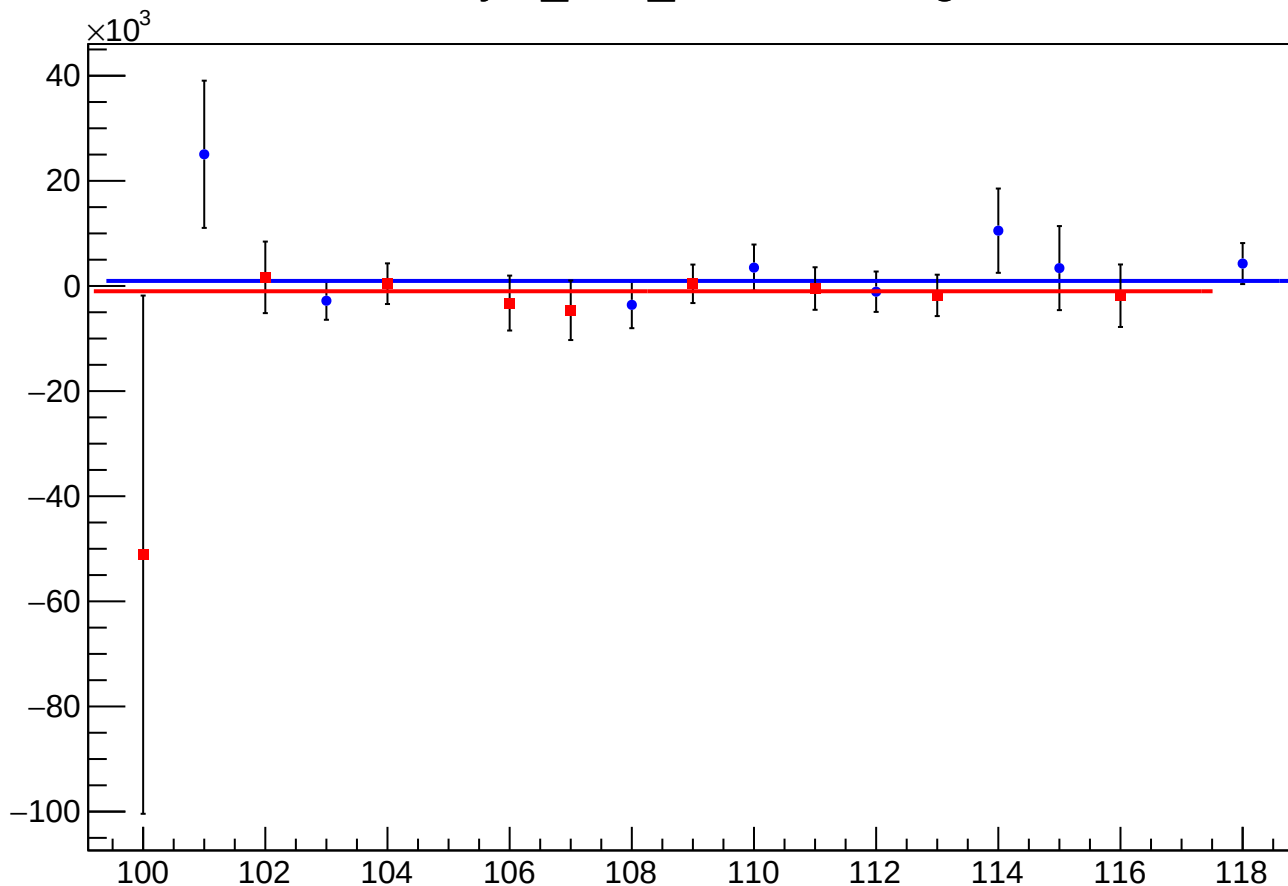
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.070+/-0.166 χ^2/NDF : 2470092.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 960.625 $\pm$ 1693.585 χ^2 /NDF: 7.9/7

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

Right Out: -1003.494 $\pm$ 1611.395 χ^2 /NDF: 2.1/8

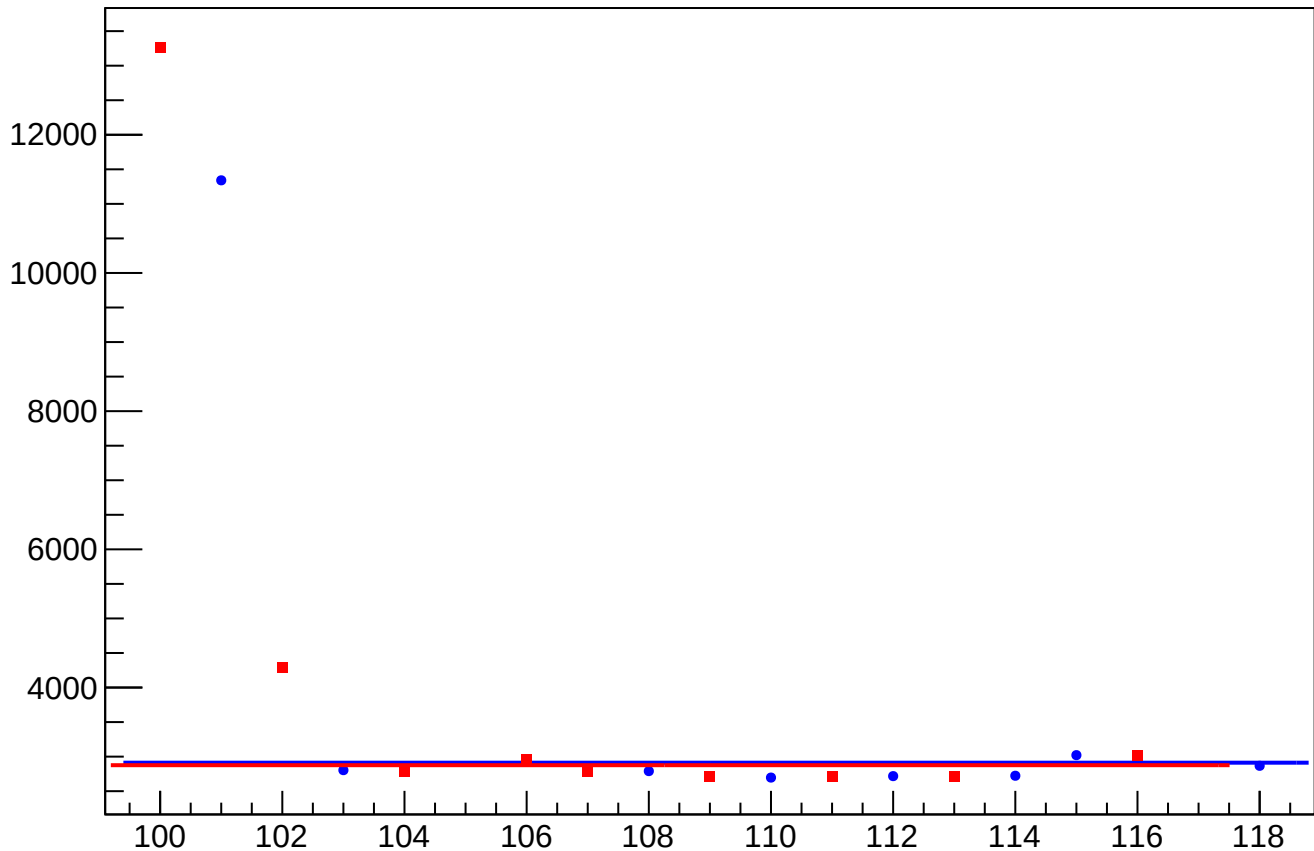
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -70.249 $\pm$ 1167.403 χ^2 /NDF: 10.8/16

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

asym_atr1_rms vs Slug



Right In: 2912.392 $\pm$ 1.198 χ^2 /NDF: 739299.7/7

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

Right Out: 2876.042 $\pm$ 1.139 χ^2 /NDF: 190000.2/8

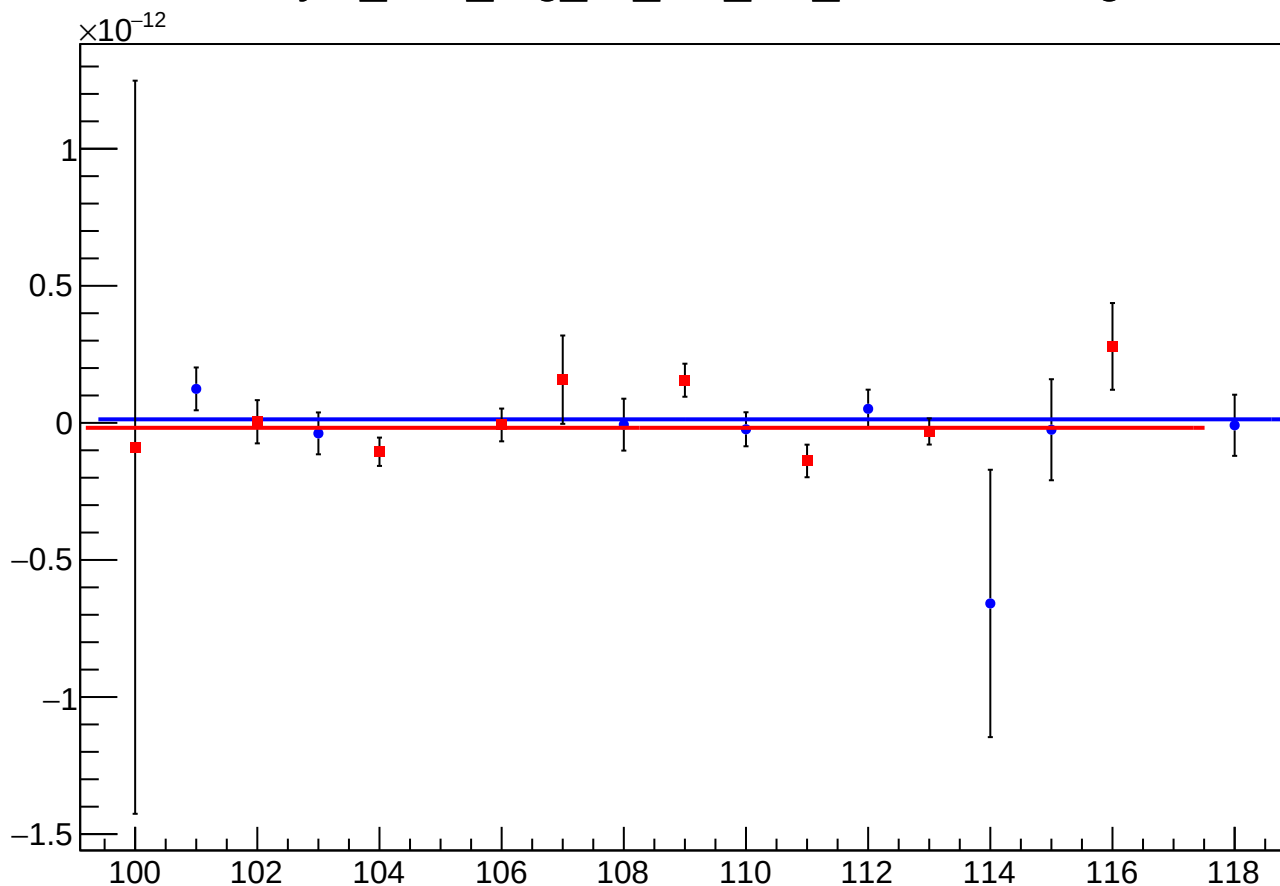
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2893.314 $\pm$ 0.825 χ^2 /NDF: 929783.5/16

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

asym_atr1_reg_vs_cor_diff_mean vs Slug



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 : 20.2/8

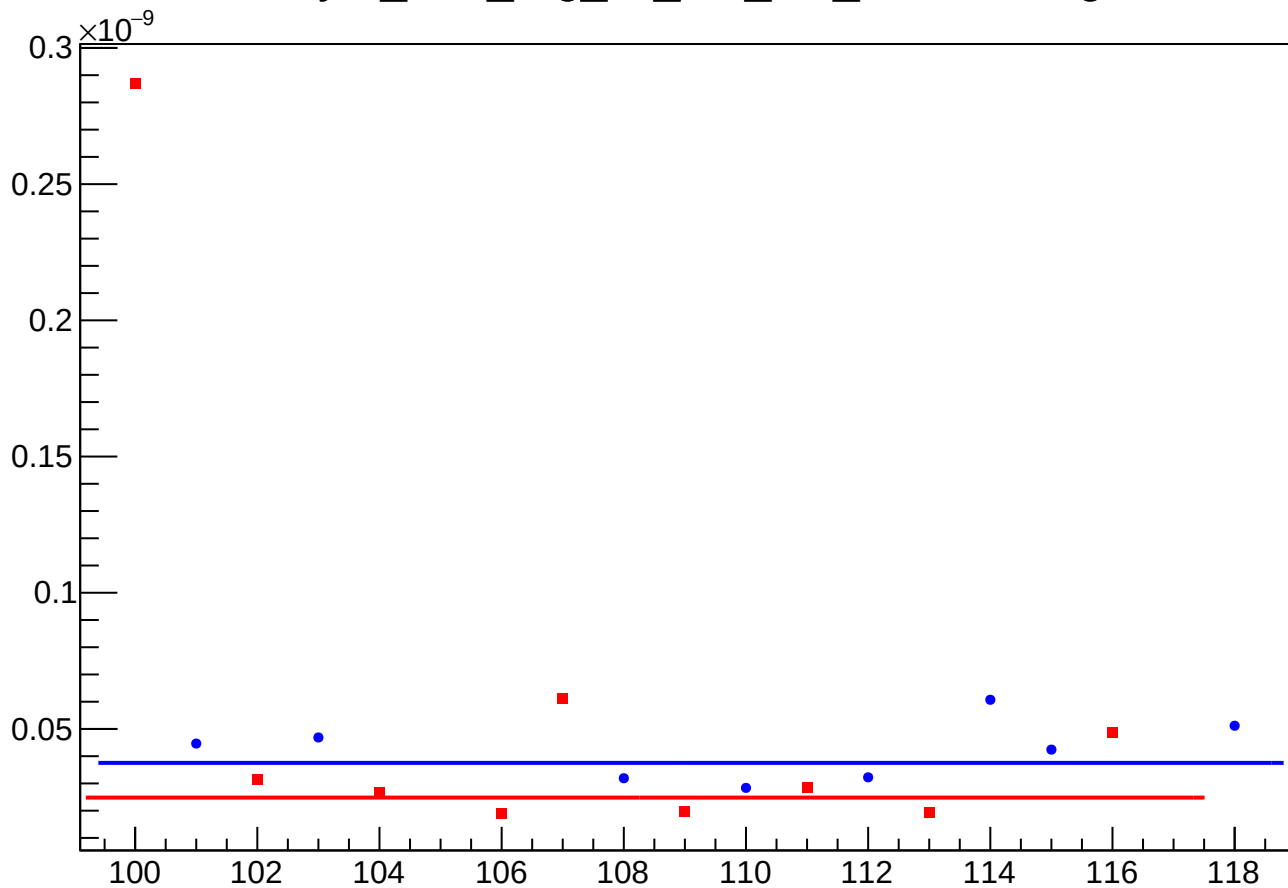
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 144435.6/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 308361.3/8

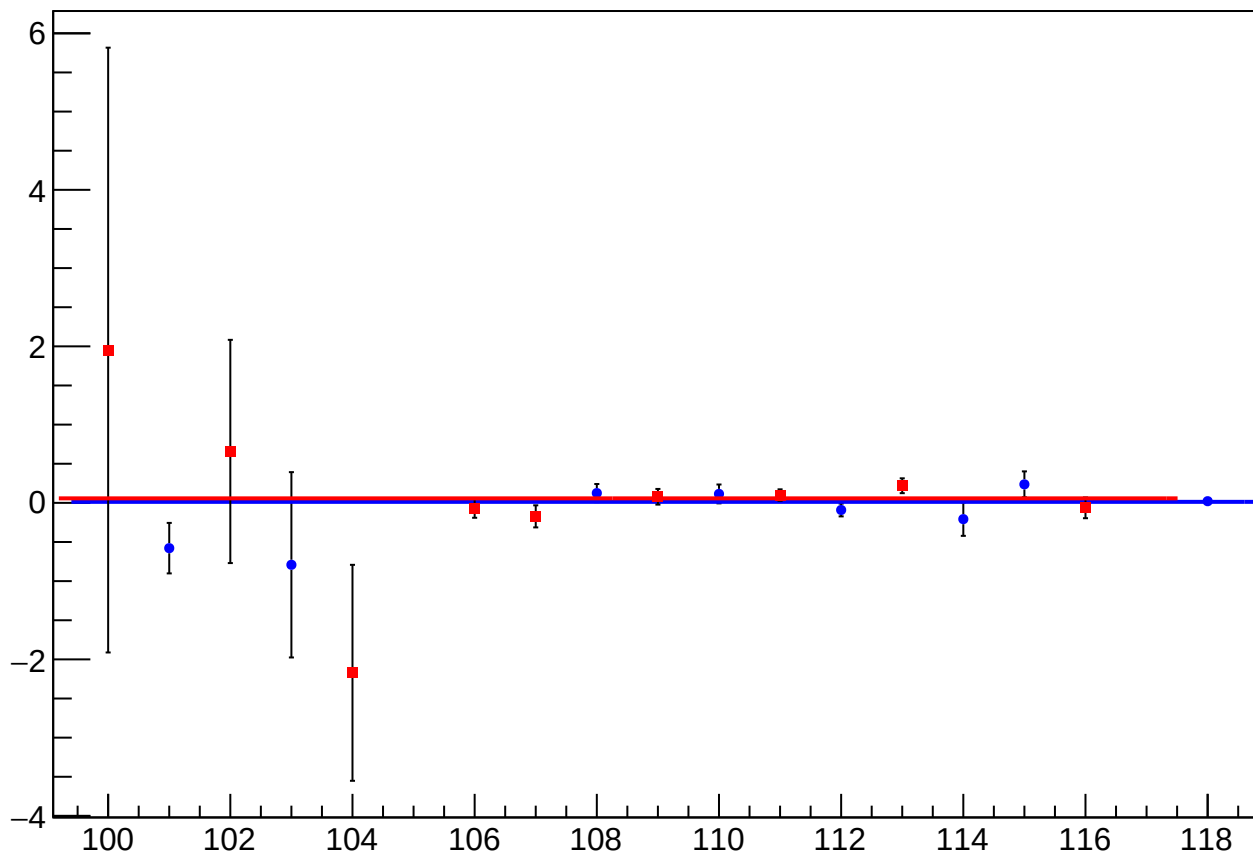
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 668688.4/16

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

asym_atr1_dit_vs_cor_diff_mean vs Slug



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: 0.058 $\pm$ 0.042 χ^2 /NDF: 10.9/8

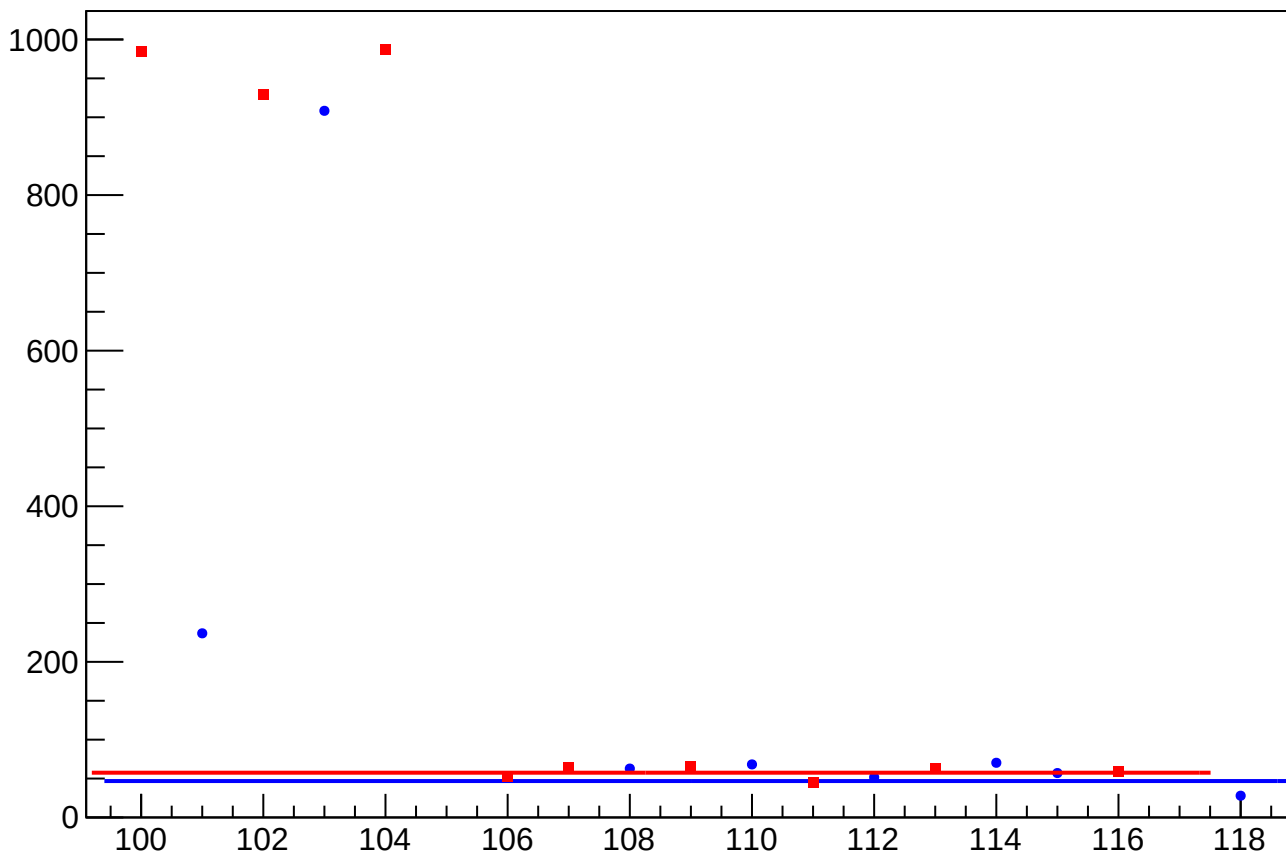
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 21.5/16

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

asym_atr1_dit_vs_cor_diff_rms vs Slug



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: 57.533+/-0.029 χ^2/NDF : 1865607.0/8

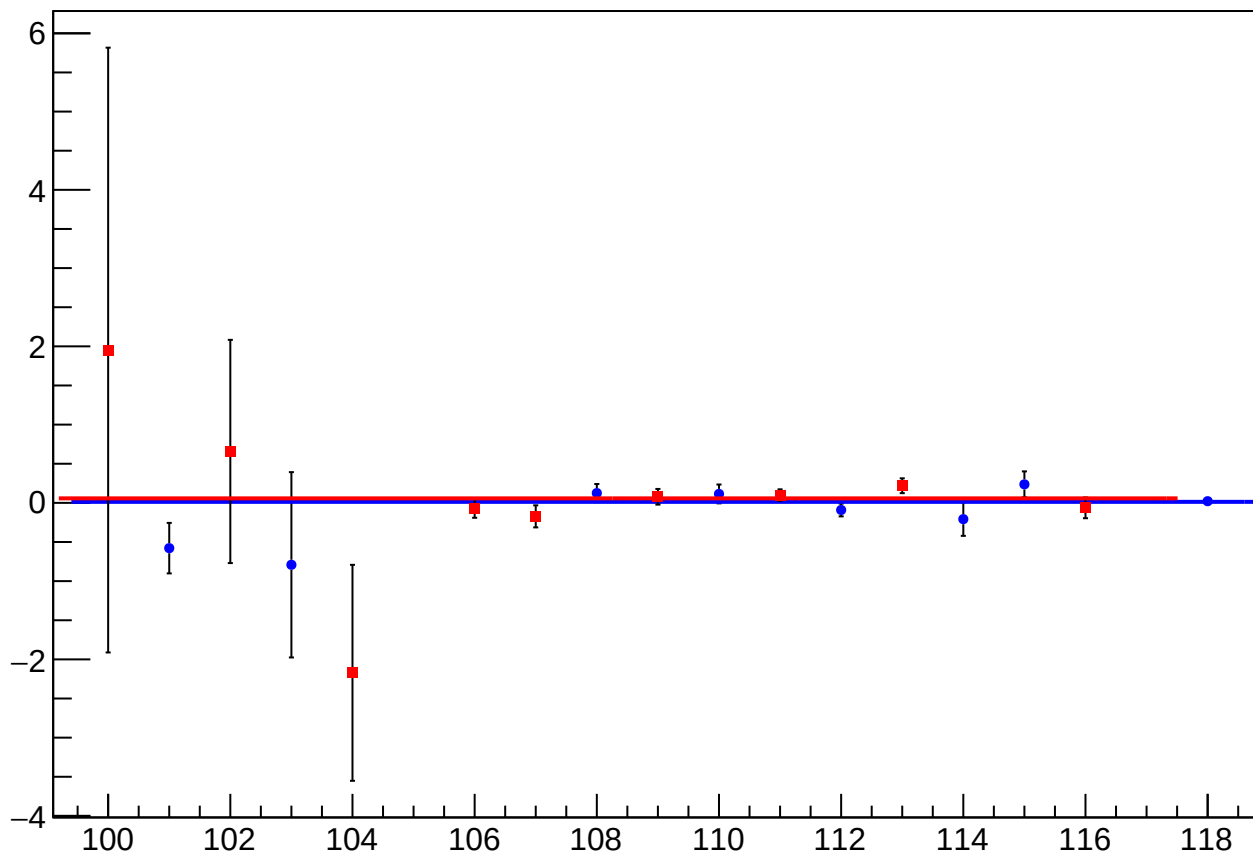
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.573+/-0.020 χ^2/NDF : 4084841.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.058 $\pm$ 0.042 χ^2 /NDF: 10.9/8

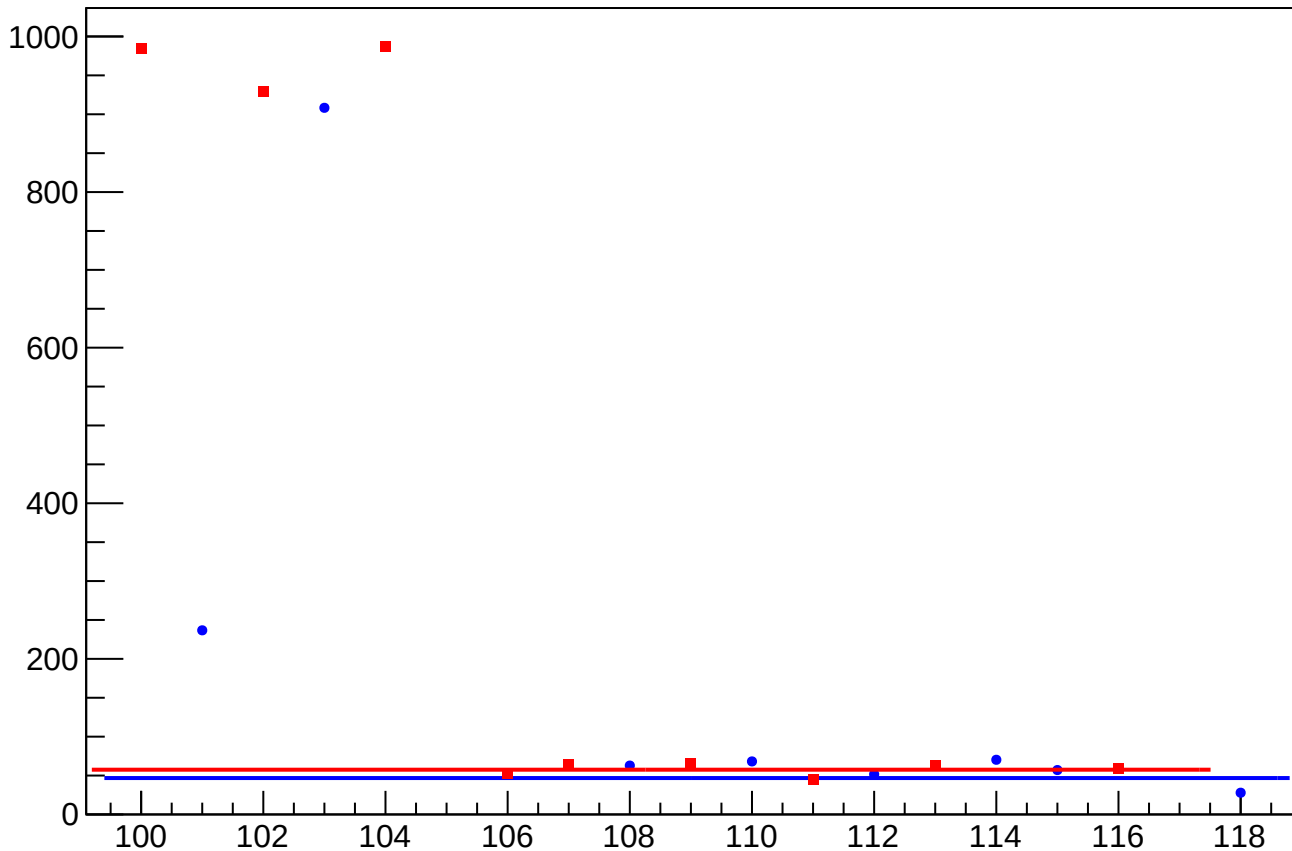
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 21.5/16

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

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.796 $\pm$ 0.026 χ^2 /NDF: 2145630.8/7

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

Right Out: 57.533 $\pm$ 0.029 χ^2 /NDF: 1865607.0/8

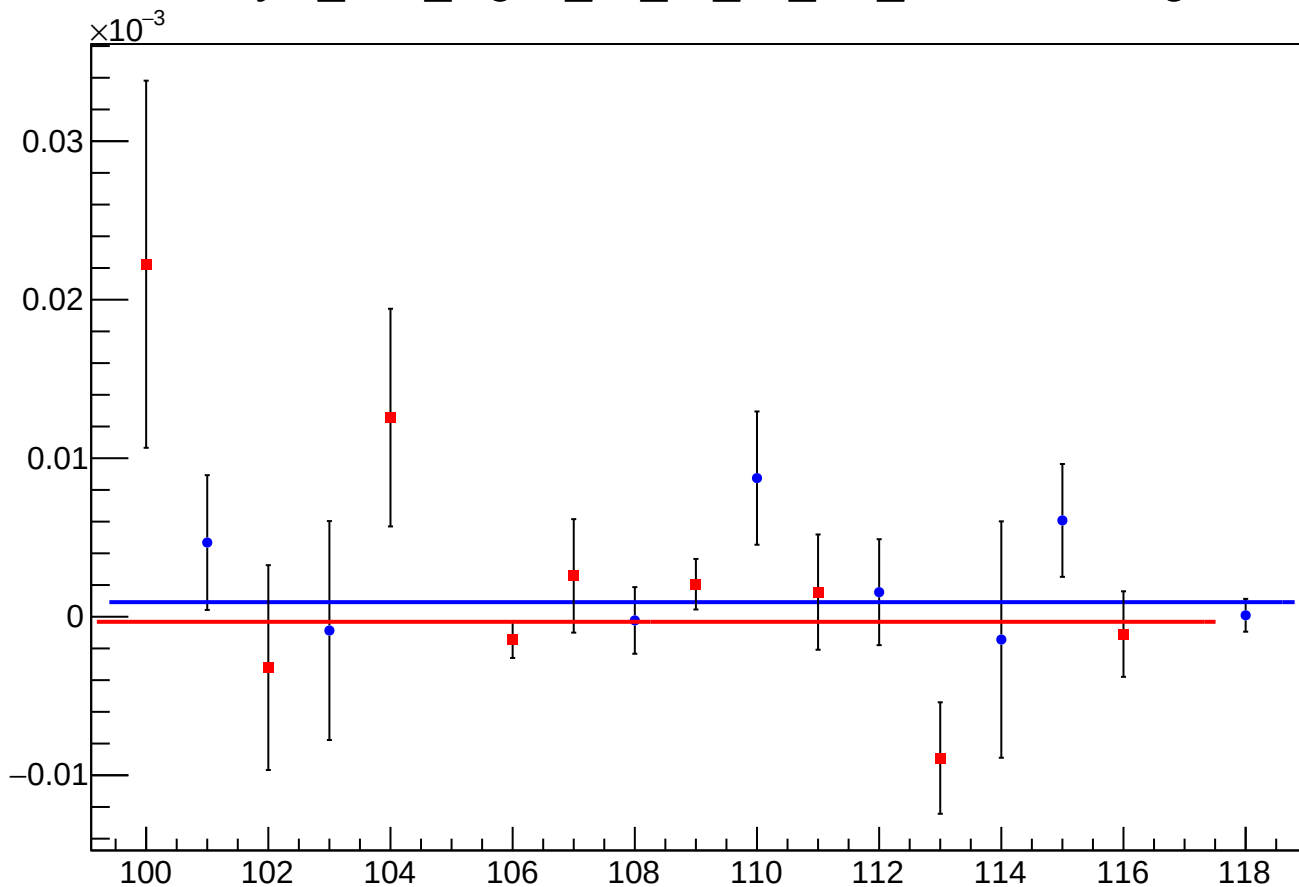
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 51.573 $\pm$ 0.020 χ^2 /NDF: 4084841.8/16

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

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 7.5/7

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 17.7/8

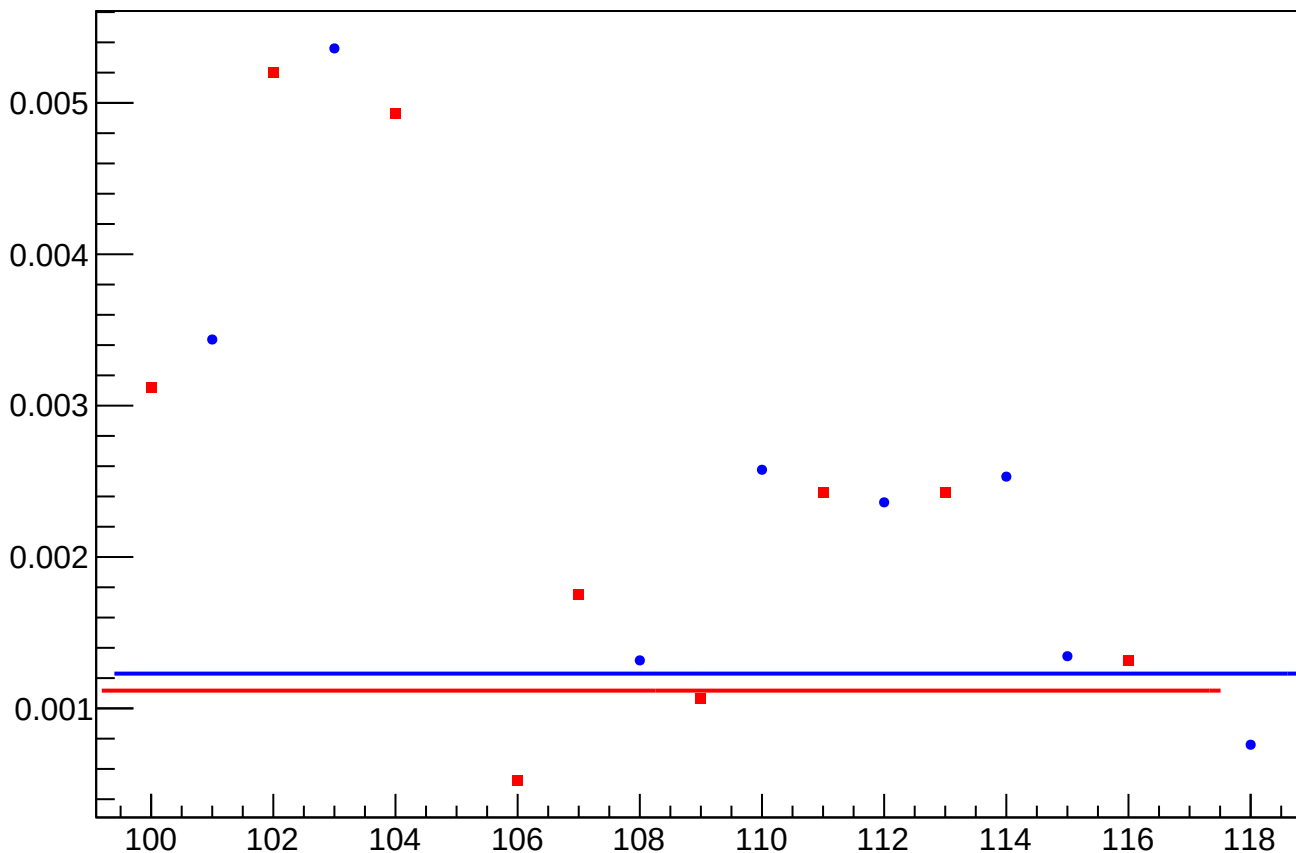
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 26.4/16

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

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2628420.9/8

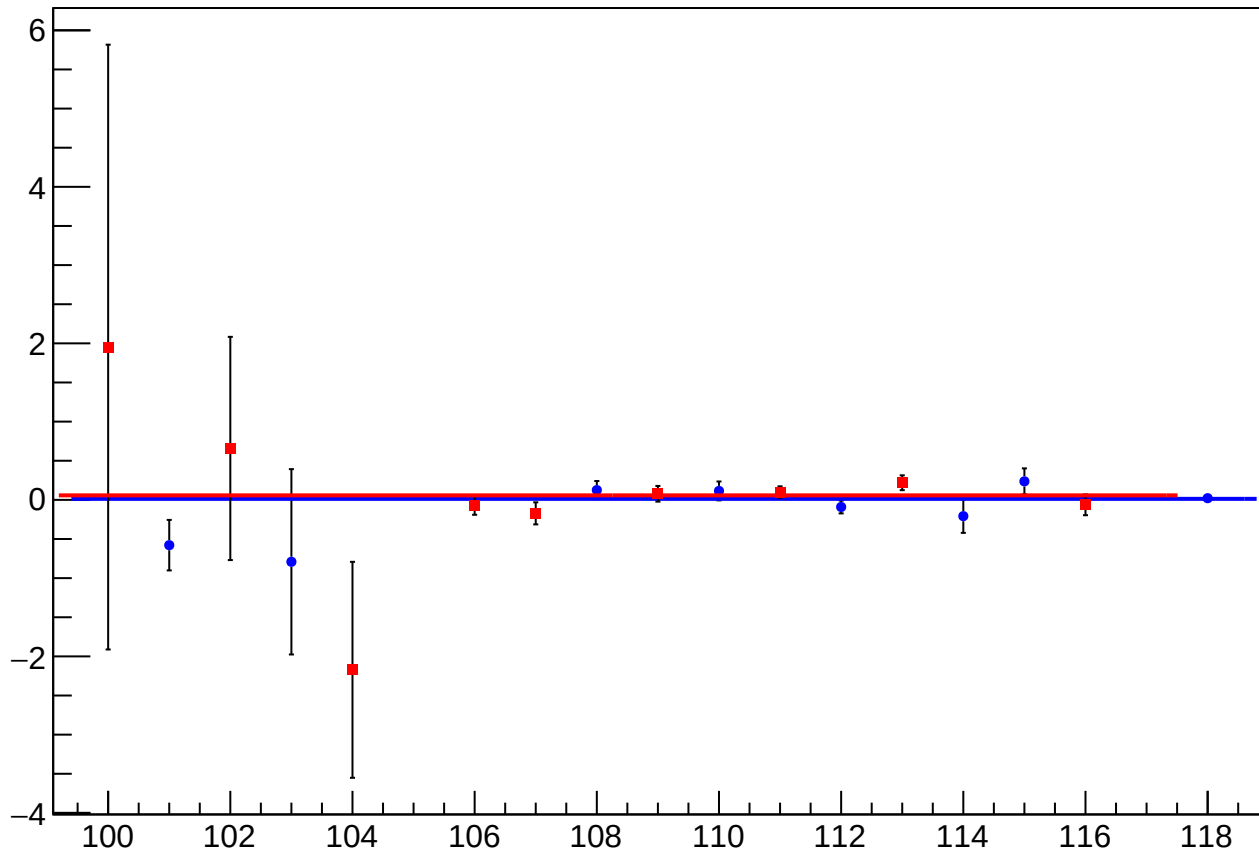
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4815141.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.058 $\pm$ 0.042 χ^2 /NDF: 10.9/8

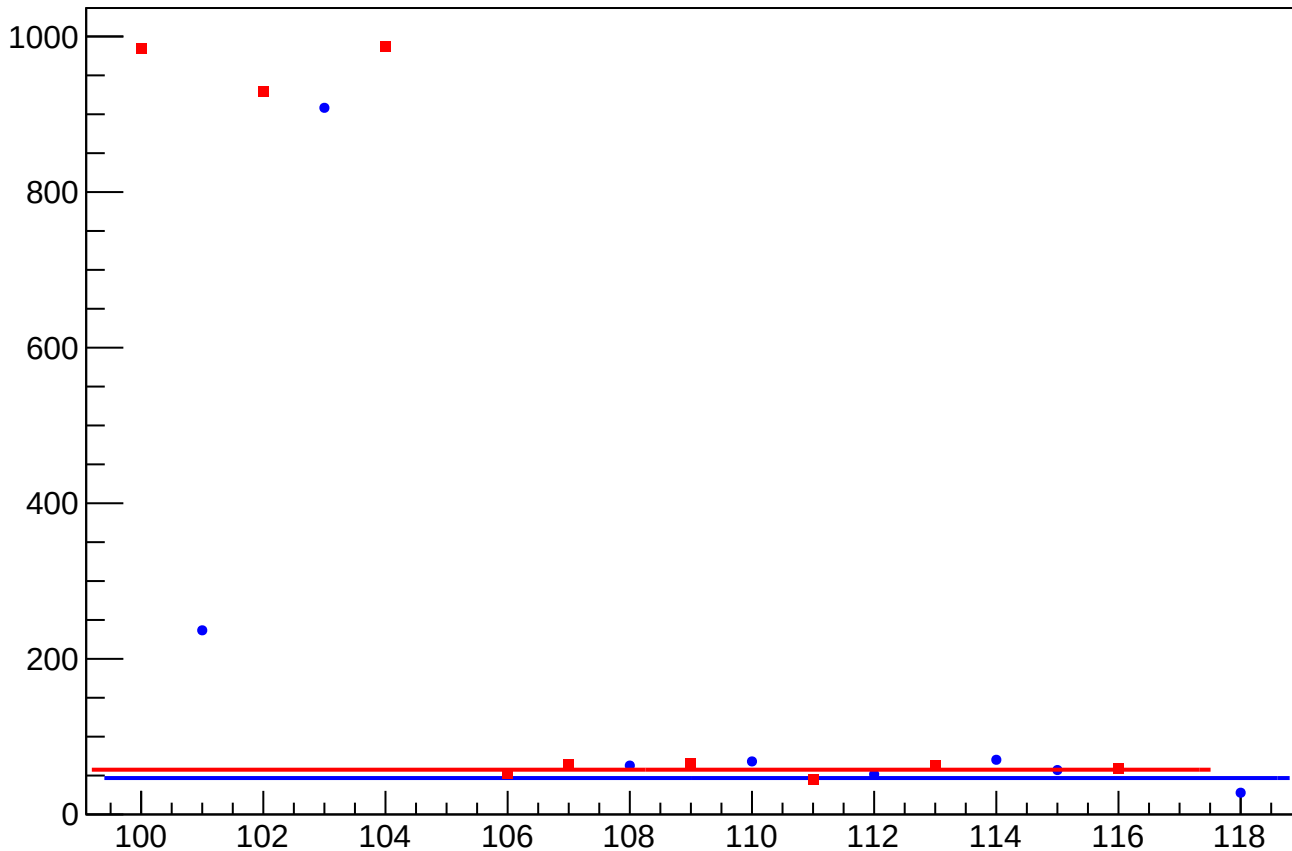
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 21.5/16

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

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 46.795 $\pm$ 0.026 χ^2 /NDF: 2145679.1/7

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

Right Out: 57.533 $\pm$ 0.029 χ^2 /NDF: 1865607.4/8

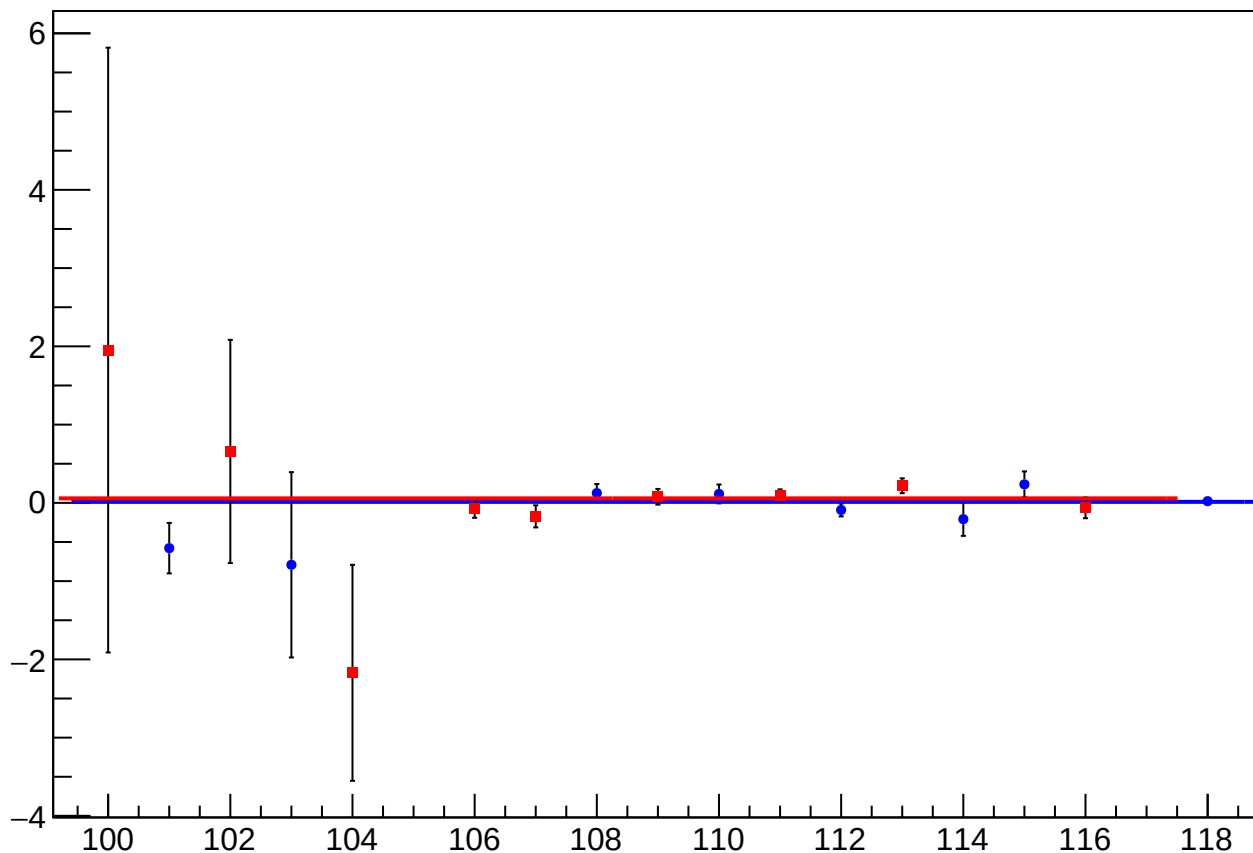
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 51.572 $\pm$ 0.020 χ^2 /NDF: 4084904.3/16

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

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.058 $\pm$ 0.042 χ^2 /NDF: 10.9/8

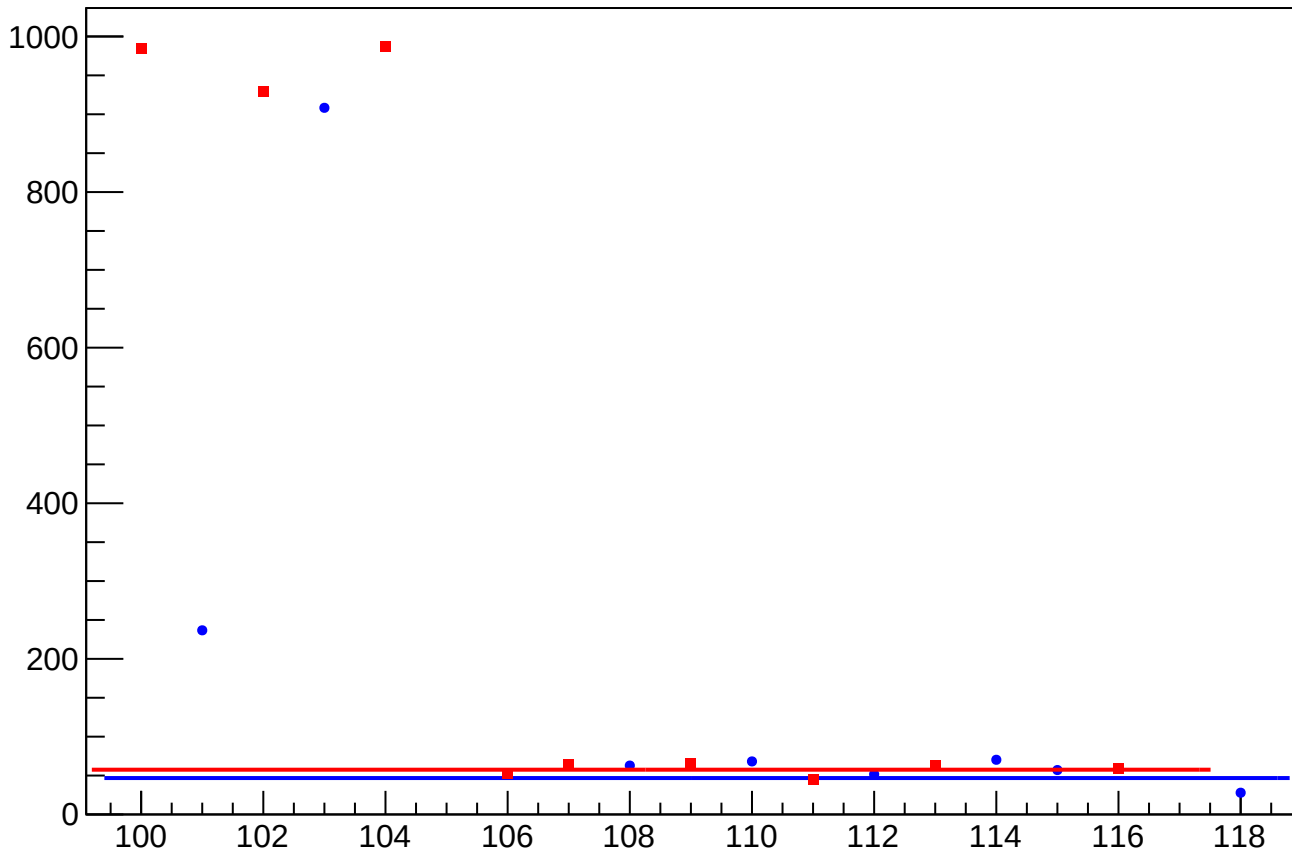
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 21.5/16

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

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.795 $\pm$ 0.026 χ^2 /NDF: 2145679.1/7

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

Right Out: 57.533 $\pm$ 0.029 χ^2 /NDF: 1865607.4/8

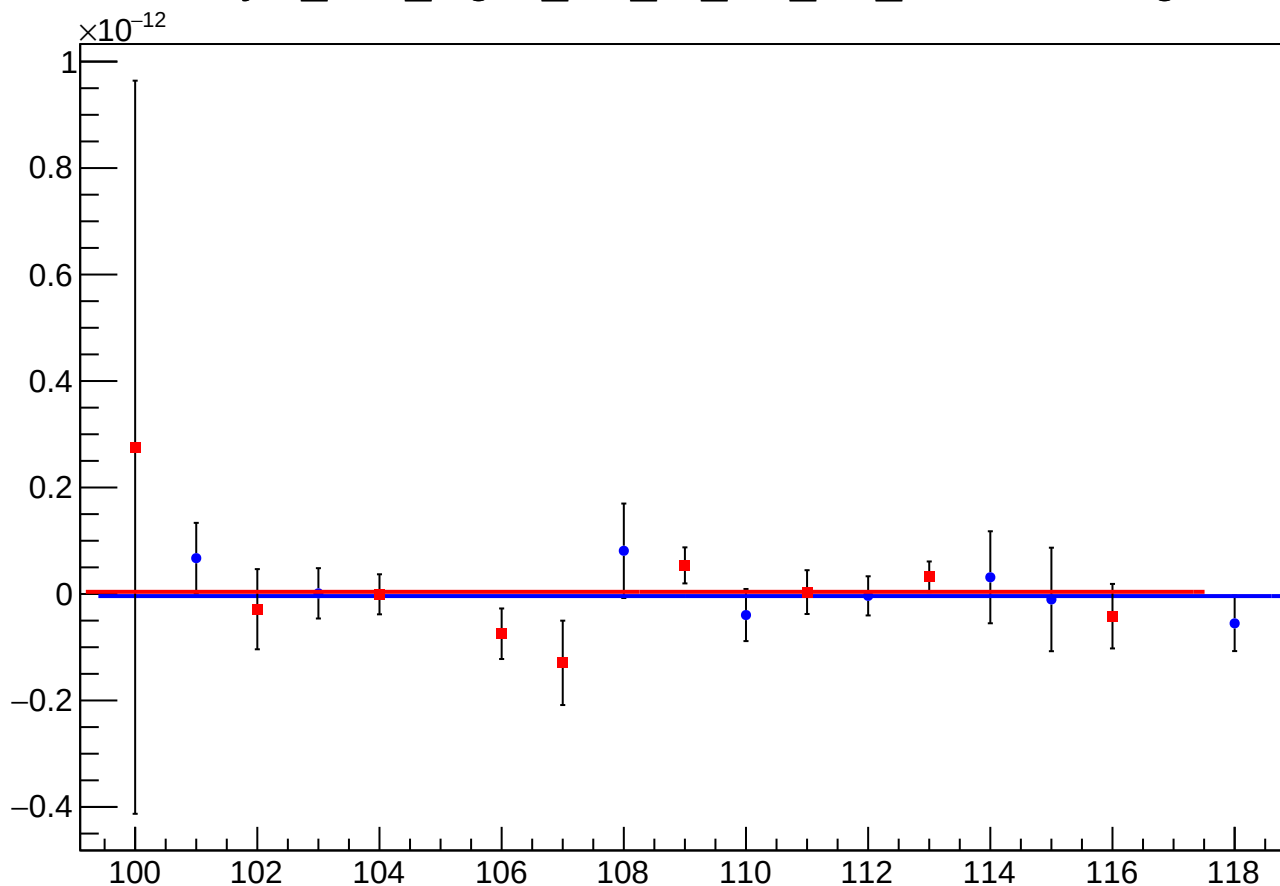
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 51.572 $\pm$ 0.020 χ^2 /NDF: 4084904.3/16

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

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/8

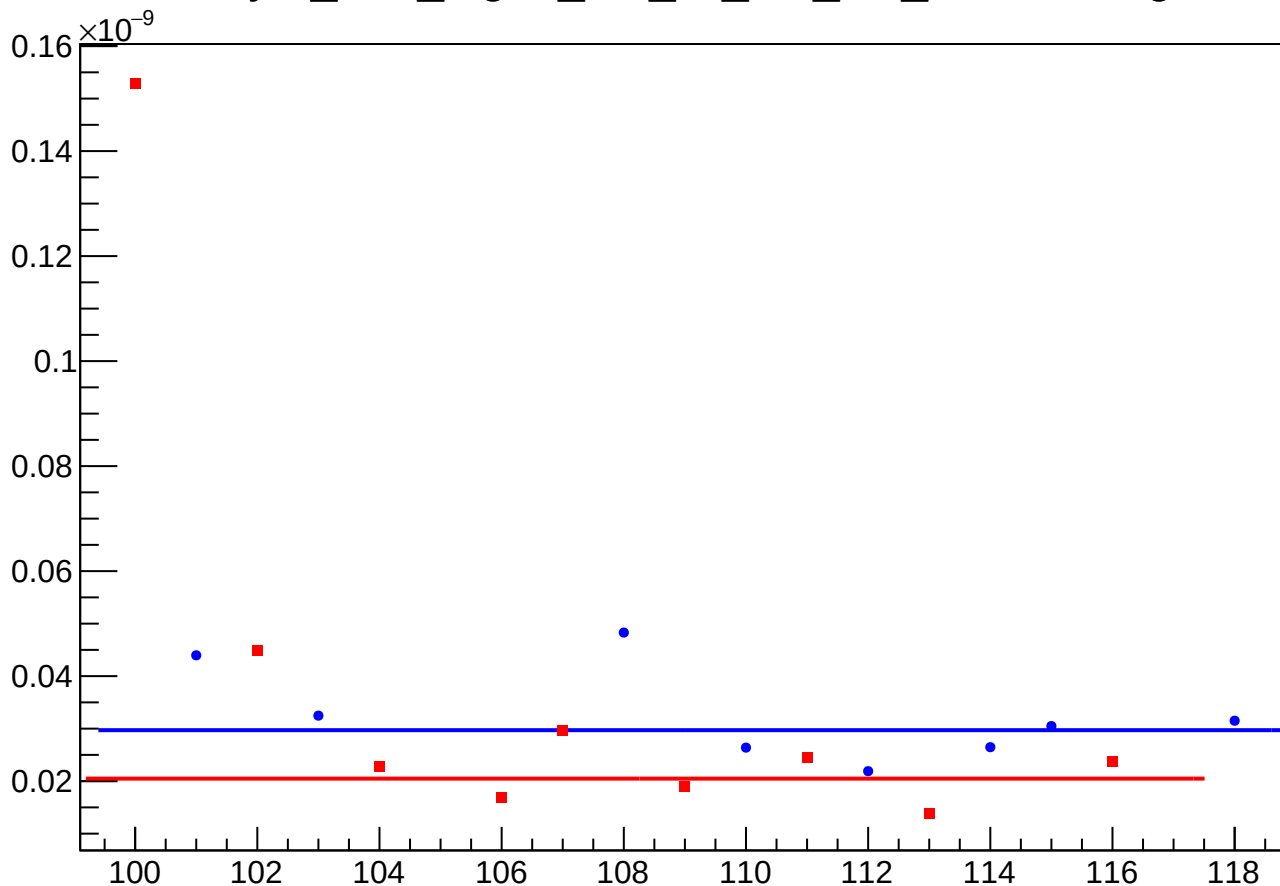
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/16

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

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 291950.0/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 467573.7/8

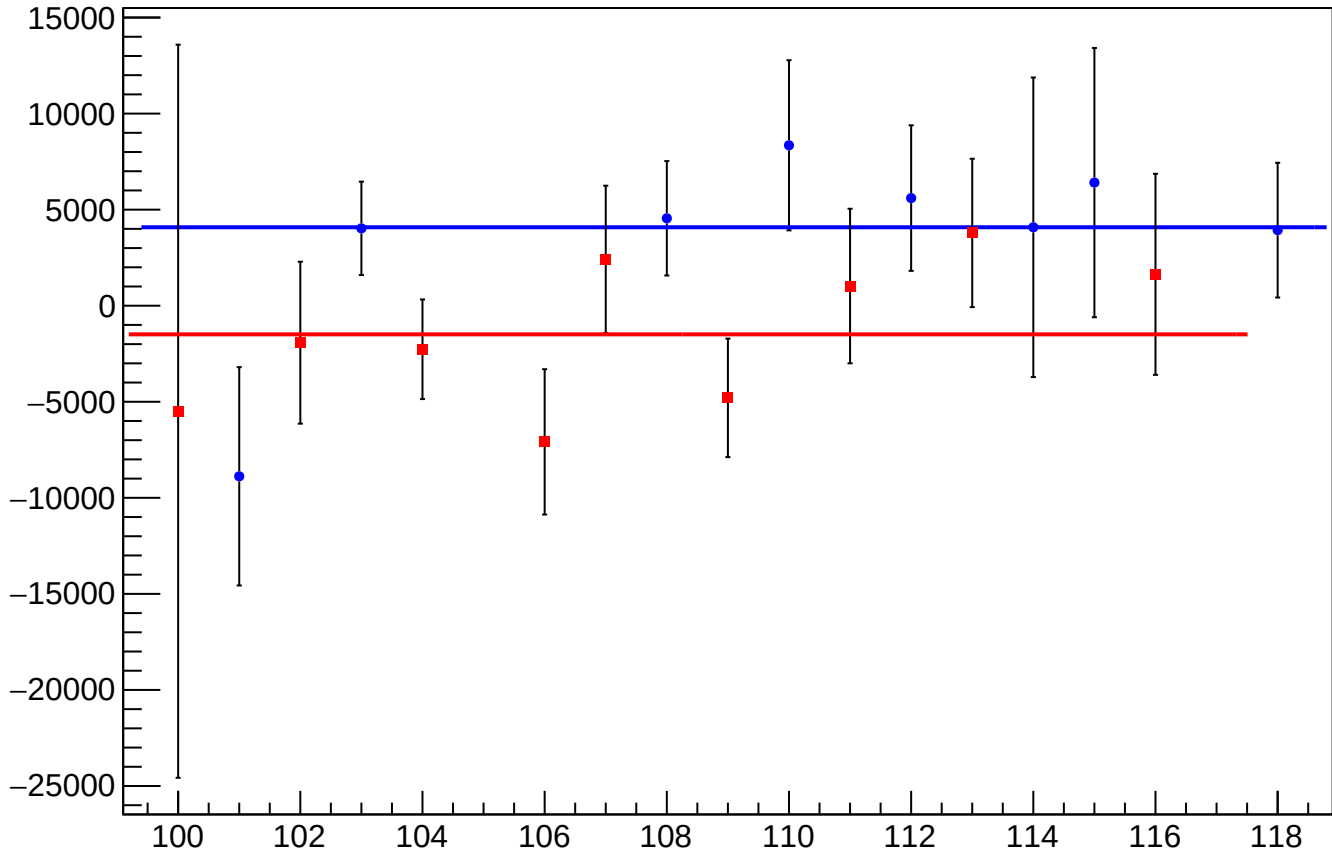
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1036345.4/16

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

reg_asym_atr2_mean vs Slug



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: -1490.819+/-1273.826 χ^2/NDF : 7.1/8

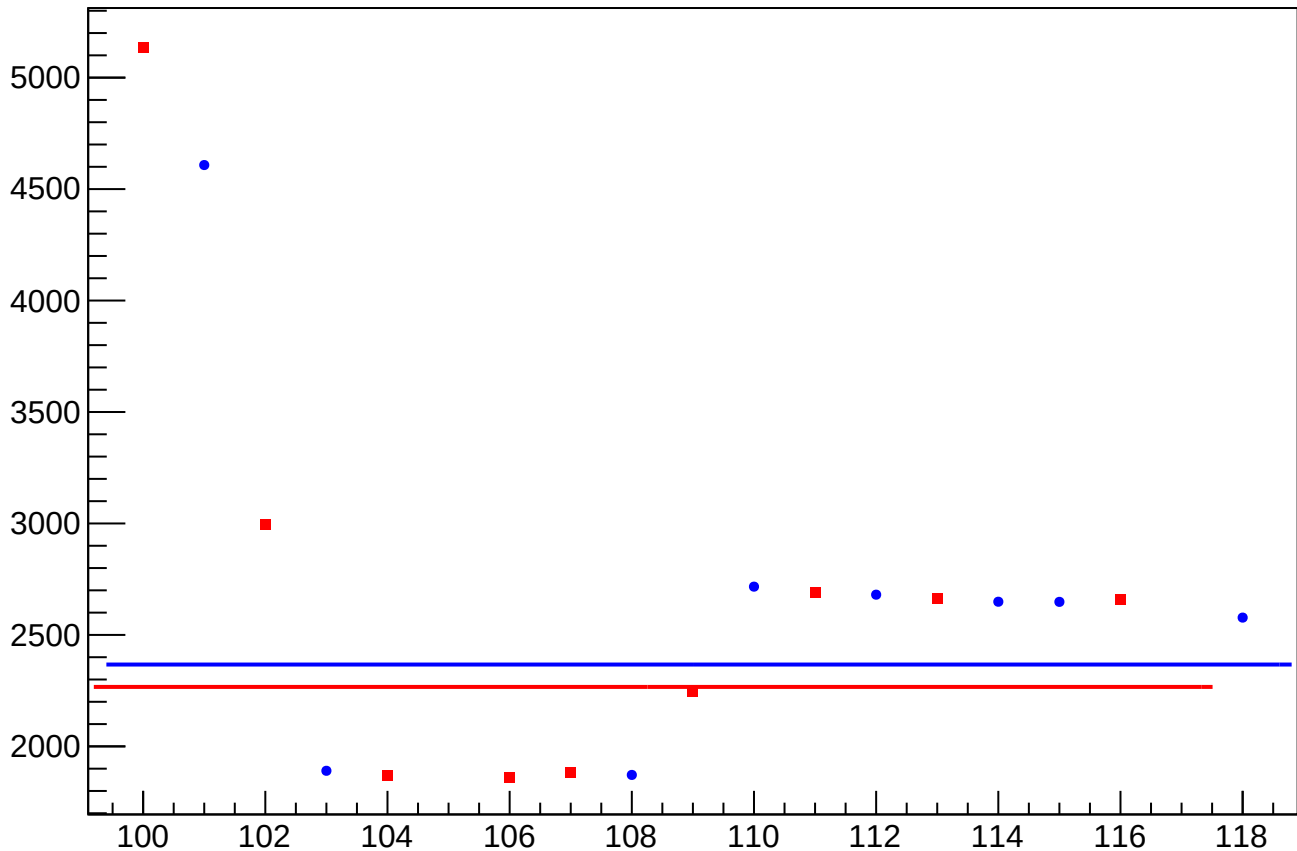
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1142.708+/-925.244 χ^2/NDF : 22.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2367.128 $\pm$ 0.952 χ^2 /NDF: 482362.1/7

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

Right Out: 2266.738 $\pm$ 0.901 χ^2 /NDF: 250510.7/8

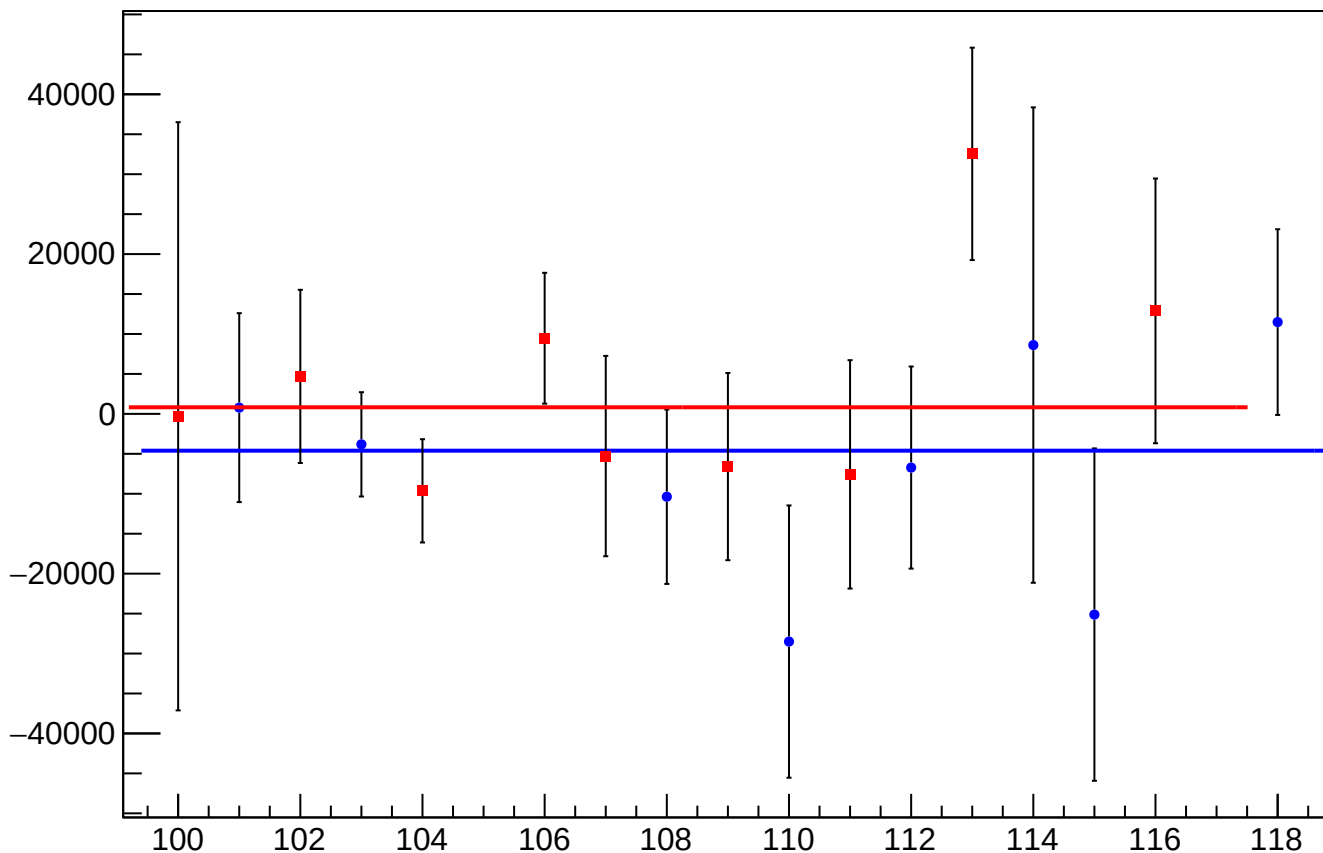
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2314.164 $\pm$ 0.654 χ^2 /NDF: 738741.1/16

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

asym_atr2_reg_correction_mean vs Slug



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: 824.635+/-3628.476 χ^2/NDF : 11.1/8

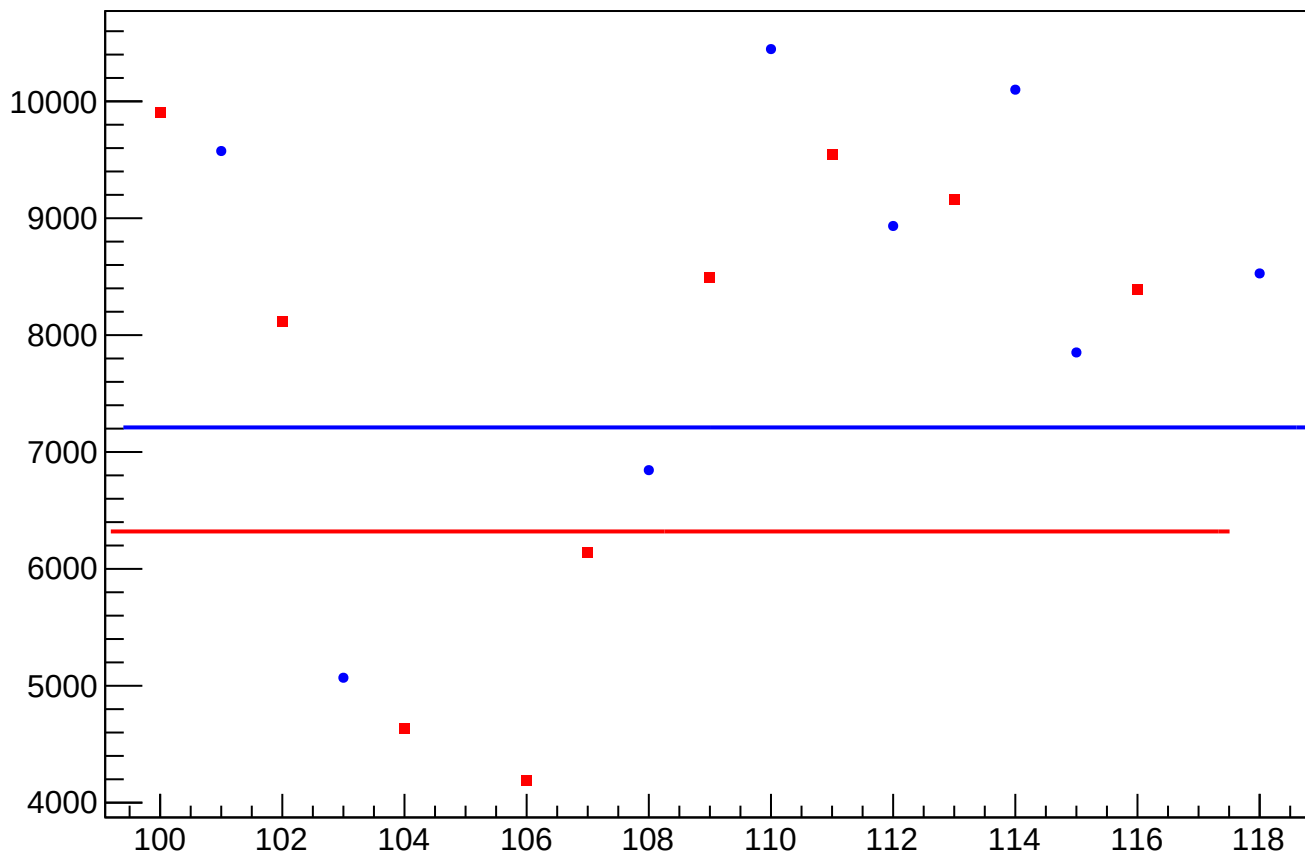
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1562.993+/-2716.545 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_rms vs Slug



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: 6320.261+/-2.566 χ^2/NDF : 639468.6/8

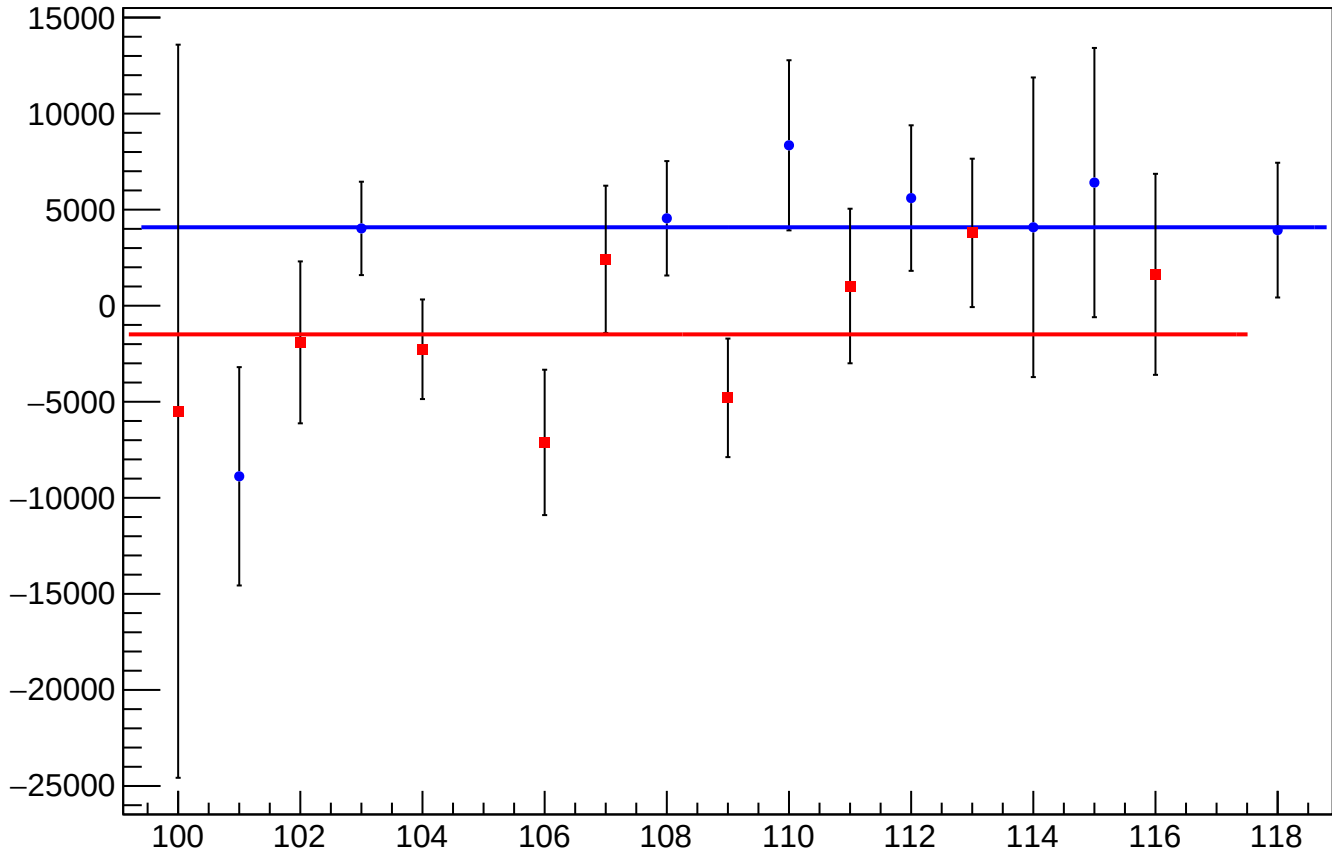
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6711.438+/-1.921 χ^2/NDF : 1145603.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 4082.827 $\pm$ 1346.153 χ^2 /NDF: 6.4/7

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

Right Out: -1492.243 $\pm$ 1273.845 χ^2 /NDF: 7.2/8

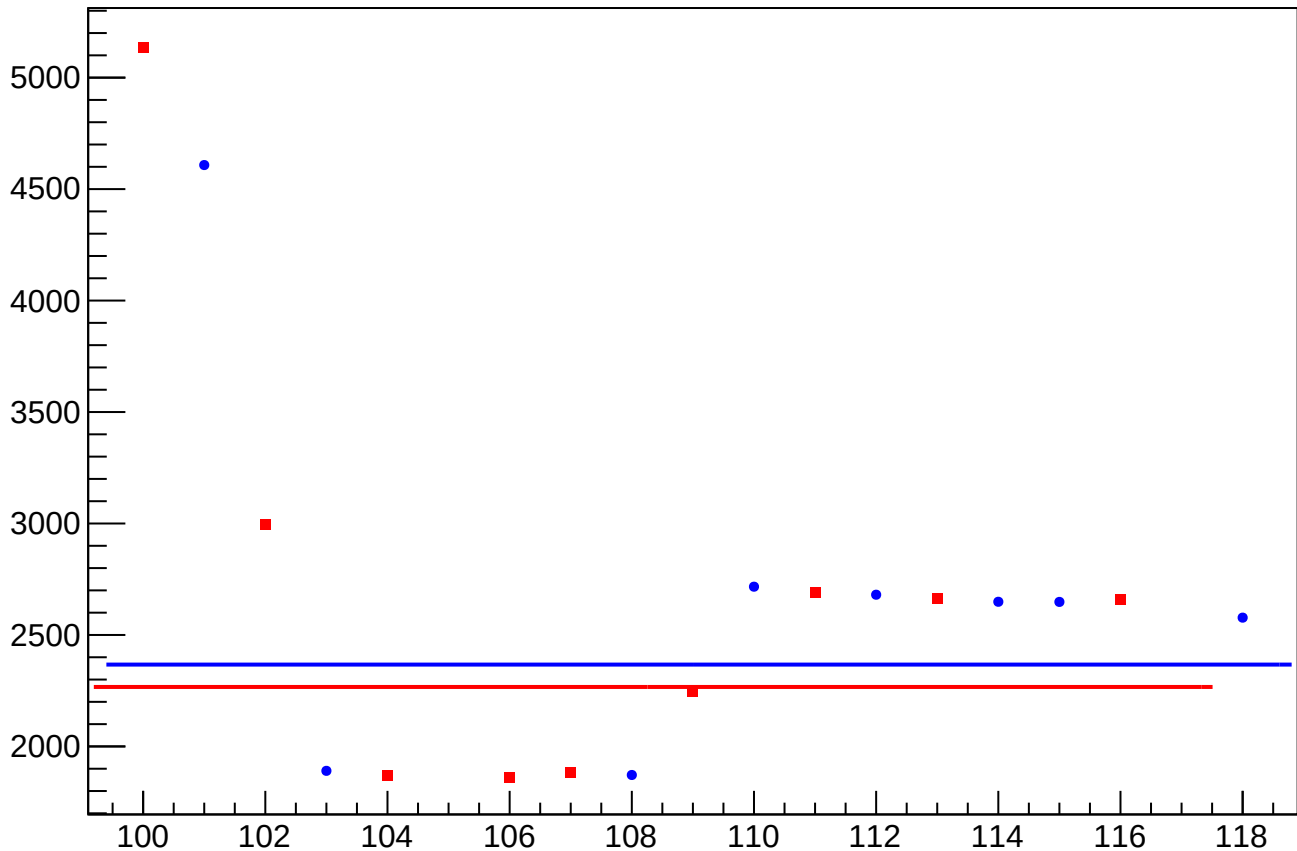
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1141.546 $\pm$ 925.251 χ^2 /NDF: 22.6/16

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

cor_asym_atr2_rms vs Slug



Right In: 2367.130 $\pm$ 0.952 χ^2 /NDF: 482360.5/7

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

Right Out: 2266.779 $\pm$ 0.901 χ^2 /NDF: 250475.9/8

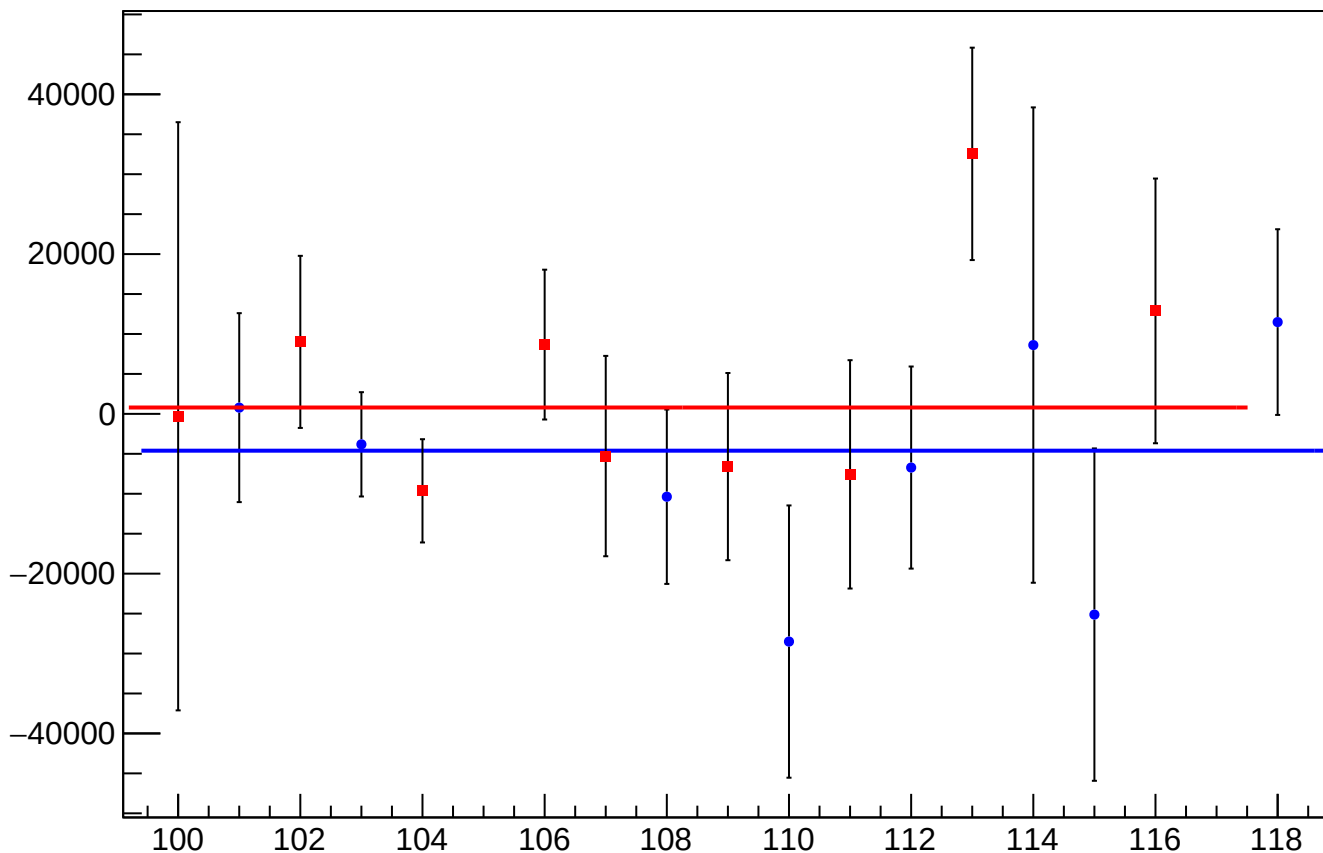
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2314.187 $\pm$ 0.654 χ^2 /NDF: 738700.2/16

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

asym_atr2_cor_correction_mean vs Slug



Right In: -4607.892 $\pm$ 4097.943 χ^2 /NDF: 5.6/7

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

Right Out: 797.075 $\pm$ 3713.405 χ^2 /NDF: 11.1/8

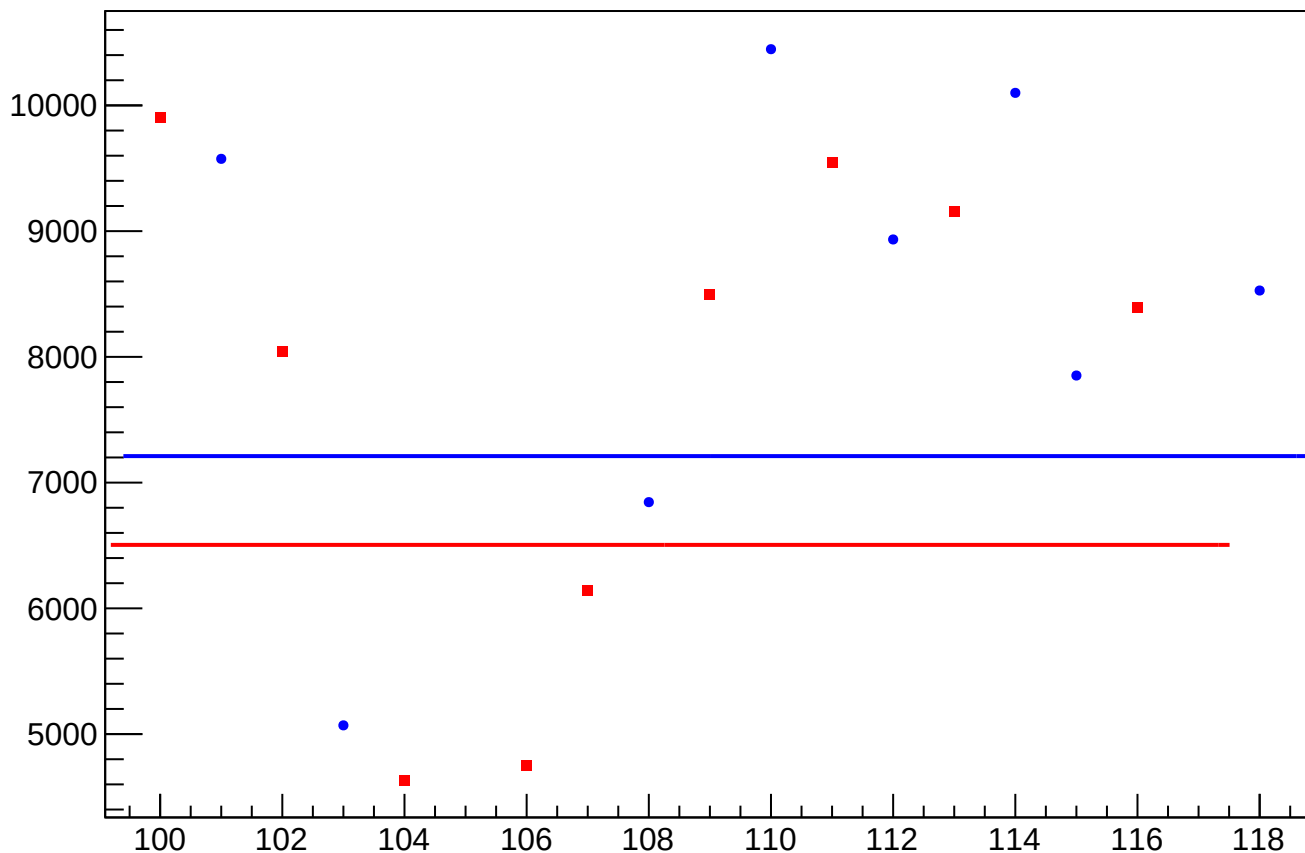
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -1639.976 $\pm$ 2751.703 χ^2 /NDF: 17.6/16

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

asym_atr2_cor_correction_rms vs Slug



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: 6504.768+/-2.626 χ^2/NDF : 551982.3/8

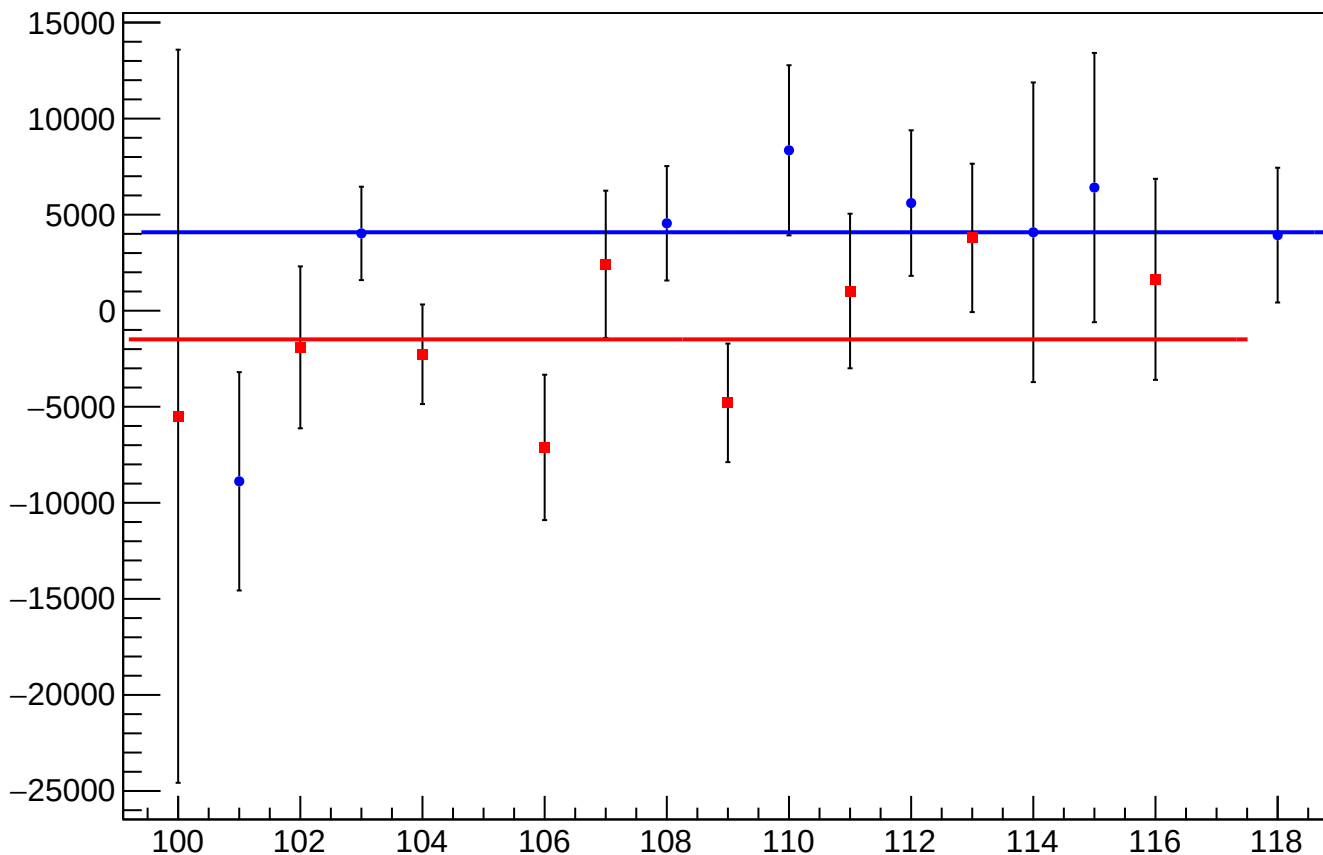
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6823.129+/-1.946 χ^2/NDF : 1037626.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 4082.827 $\pm$ 1346.153 χ^2 /NDF: 6.4/7

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

Right Out: -1492.243 $\pm$ 1273.845 χ^2 /NDF: 7.2/8

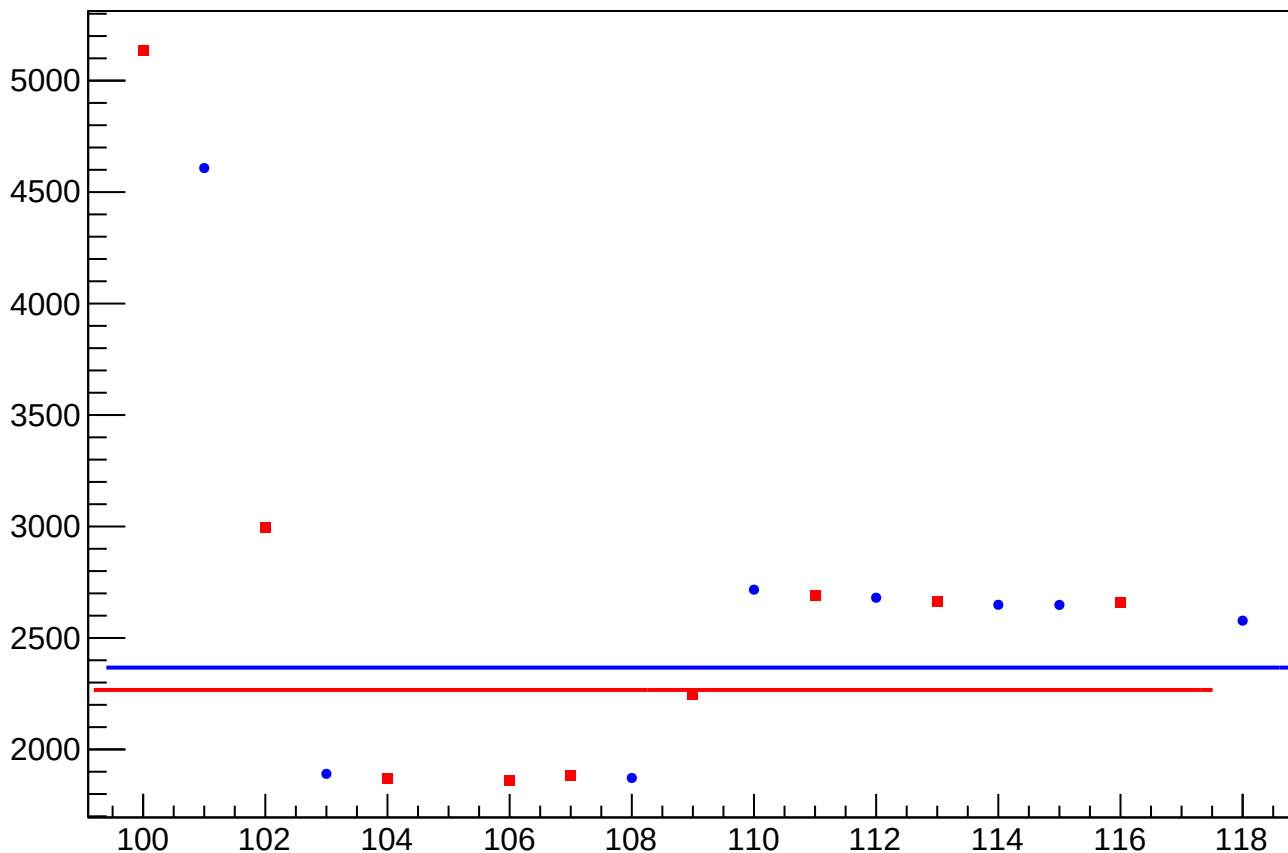
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1141.546 $\pm$ 925.251 χ^2 /NDF: 22.6/16

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

eigen_cor_asym_atr2_rms vs Slug



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: 2266.779+/-0.901 χ^2/NDF : 250475.9/8

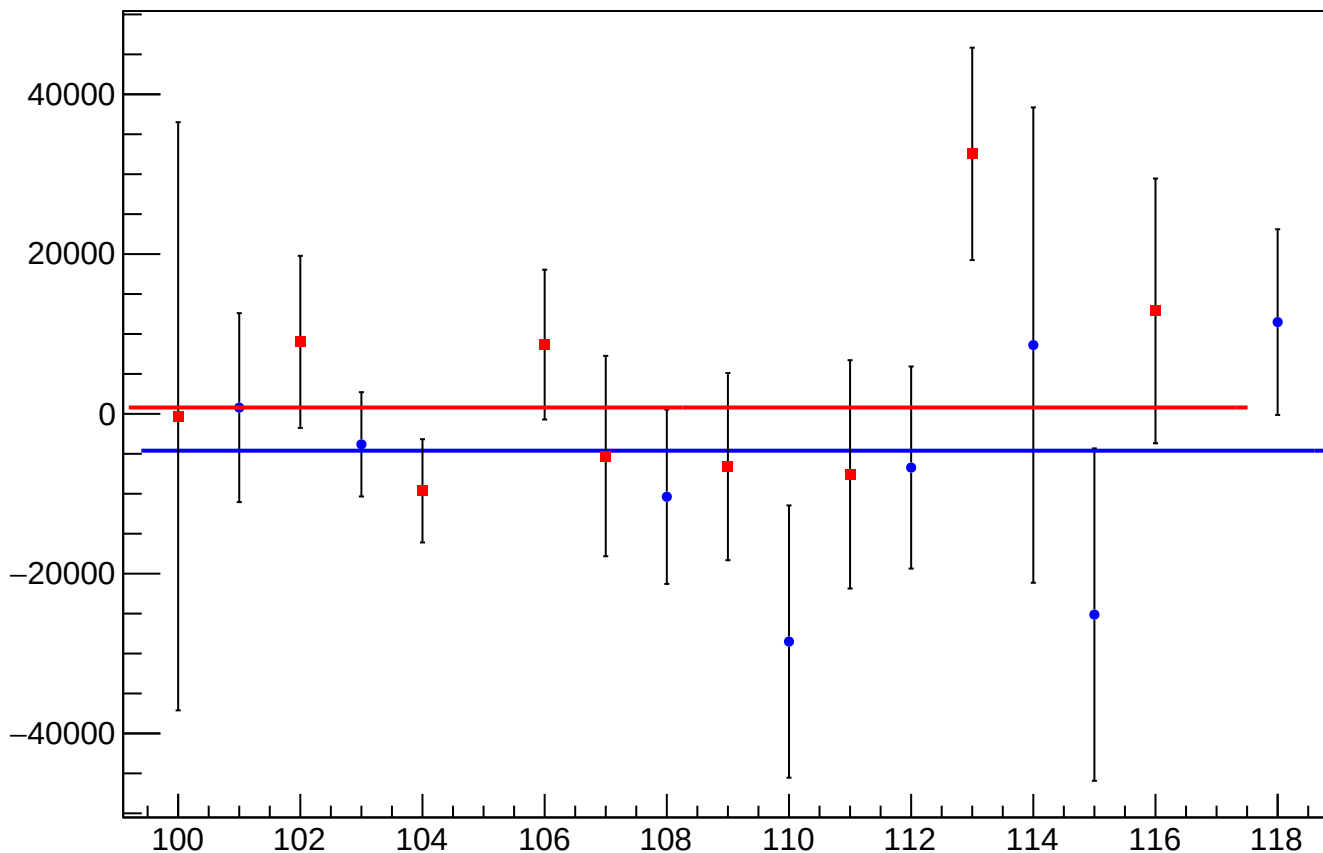
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.187+/-0.654 χ^2/NDF : 738700.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -4607.892 $\pm$ 4097.943 χ^2 /NDF: 5.6/7

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

Right Out: 797.075 $\pm$ 3713.405 χ^2 /NDF: 11.1/8

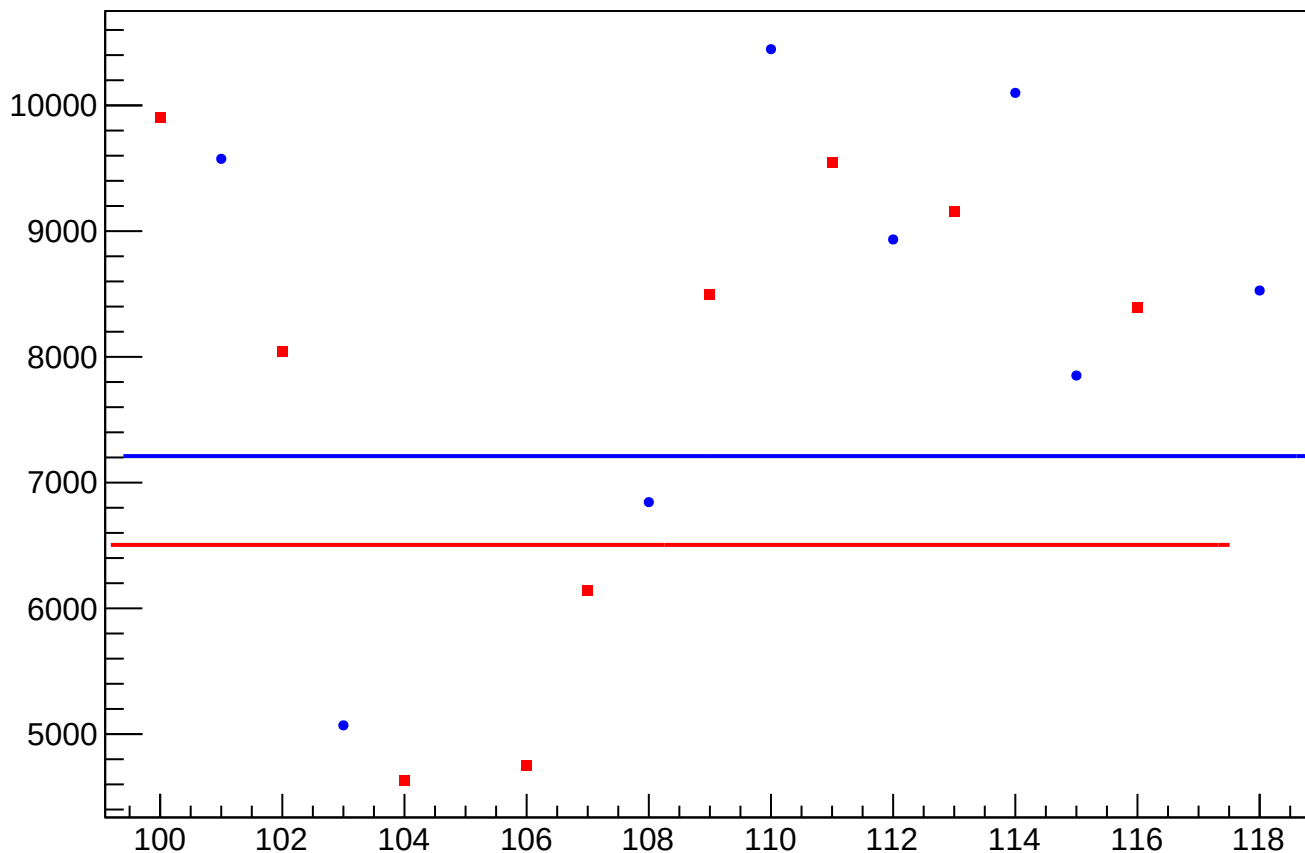
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -1639.976 $\pm$ 2751.703 χ^2 /NDF: 17.6/16

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

asym_atr2_eigen_cor_correction_rms vs Slug



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: 6504.768+/-2.626 χ^2/NDF : 551982.3/8

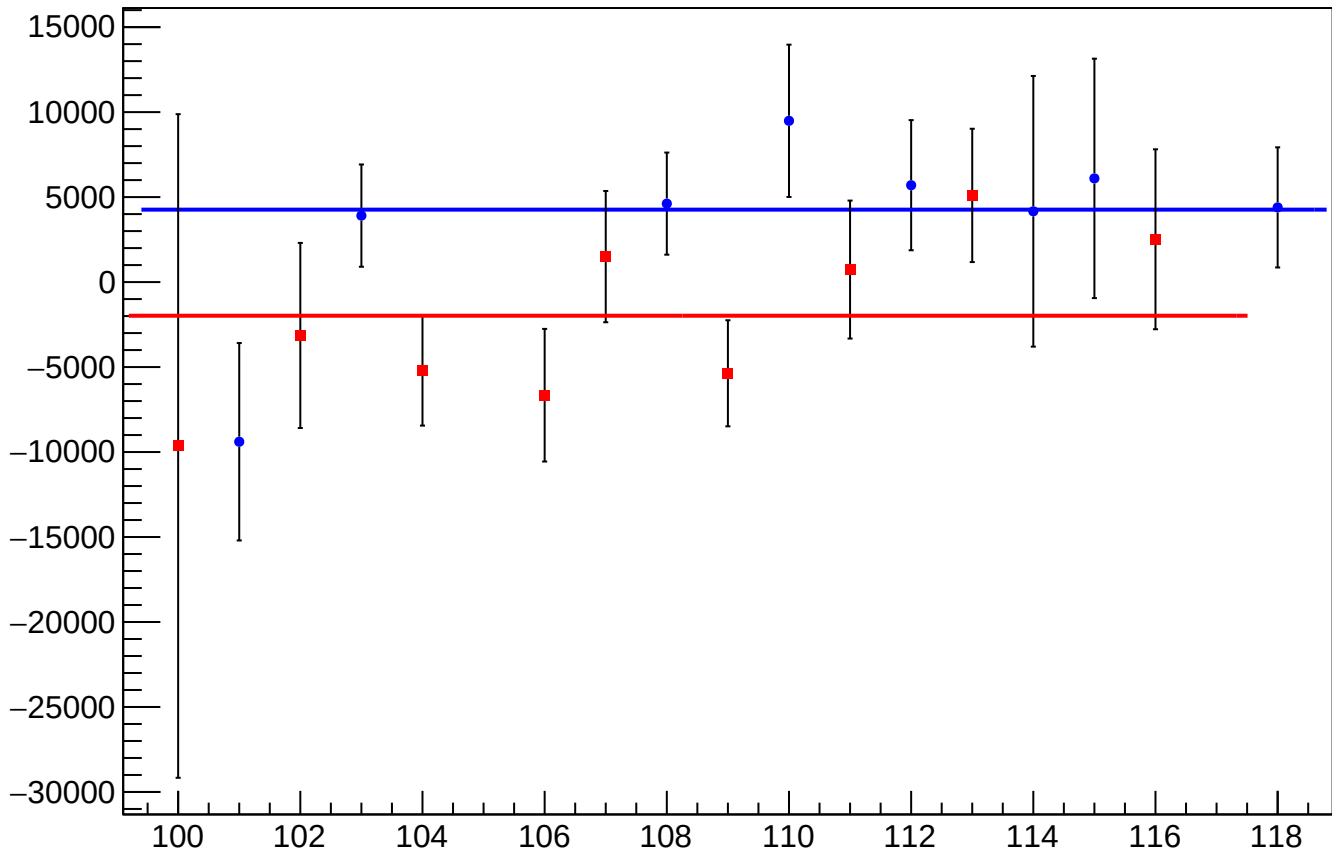
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6823.129+/-1.946 χ^2/NDF : 1037626.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4261.712 $\pm$ 1436.074 χ^2 /NDF: 7.1/7

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

Right Out: -1979.542 $\pm$ 1376.323 χ^2 /NDF: 9.0/8

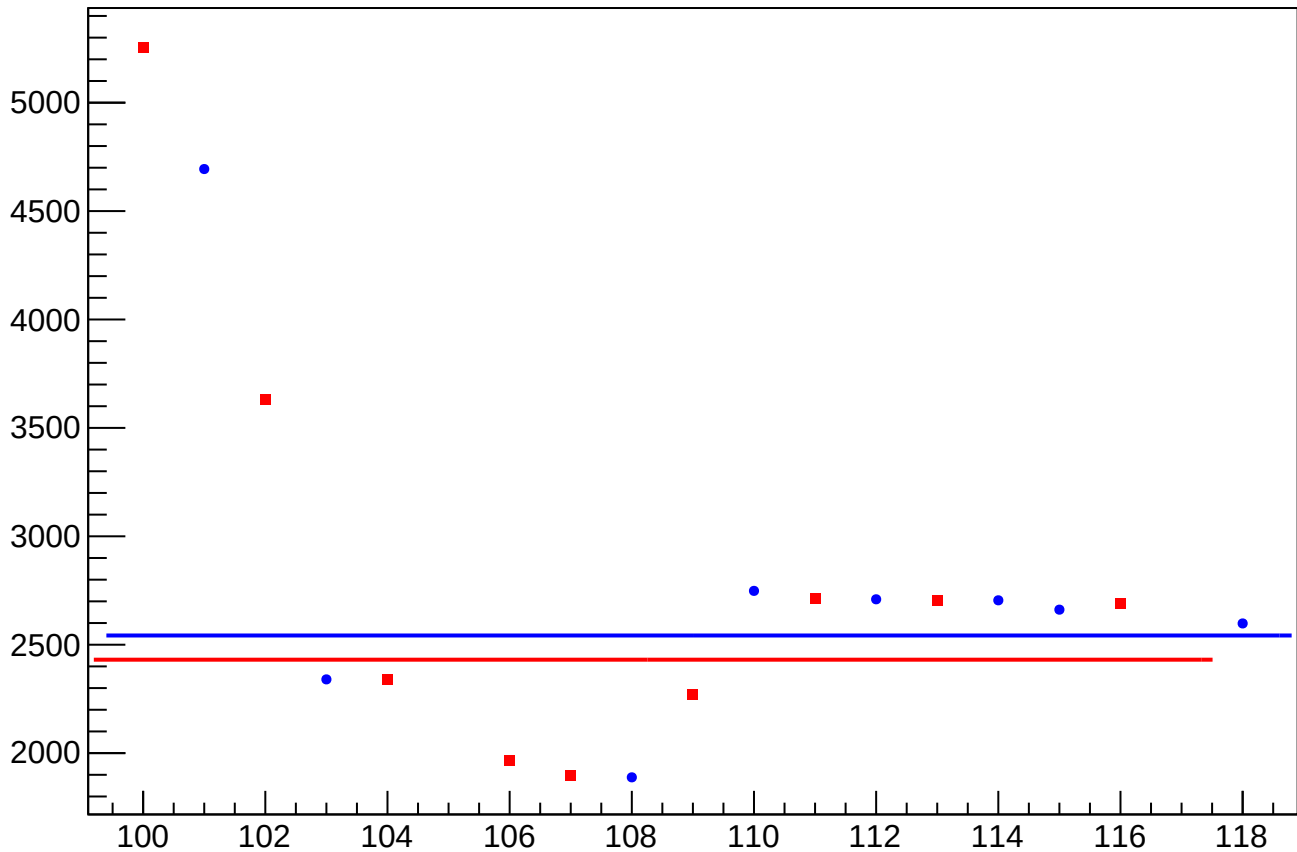
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1008.547 $\pm$ 993.659 χ^2 /NDF: 26.0/16

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

dit_asym_atr2_rms vs Slug



Right In: 2542.549 $\pm$ 1.015 χ^2 /NDF: 388335.4/7

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

Right Out: 2430.942 $\pm$ 0.972 χ^2 /NDF: 237123.2/8

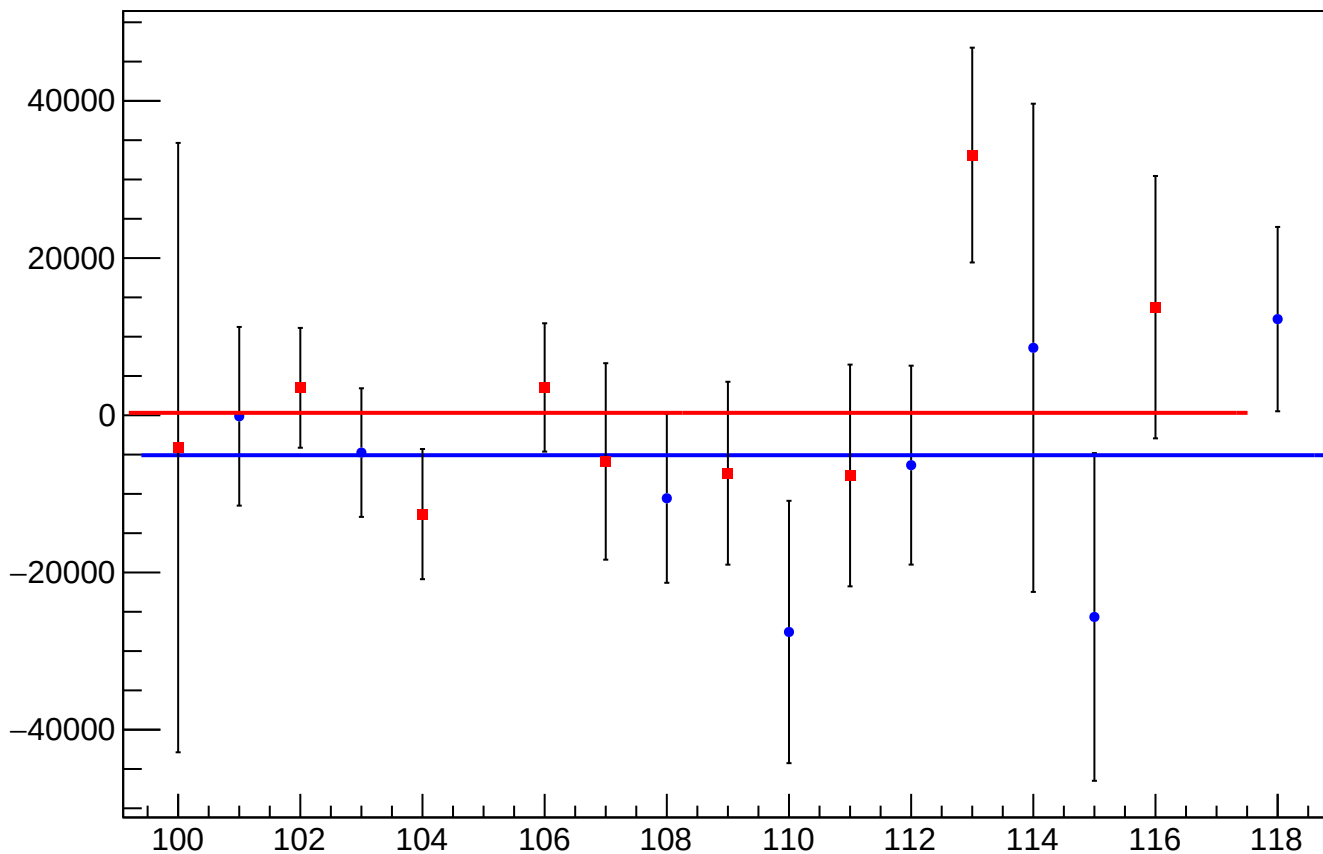
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2484.309 $\pm$ 0.702 χ^2 /NDF: 631762.3/16

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

asym_atr2_dit_correction_mean vs Slug



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: 311.404+/-3646.049 χ^2/NDF : 10.2/8

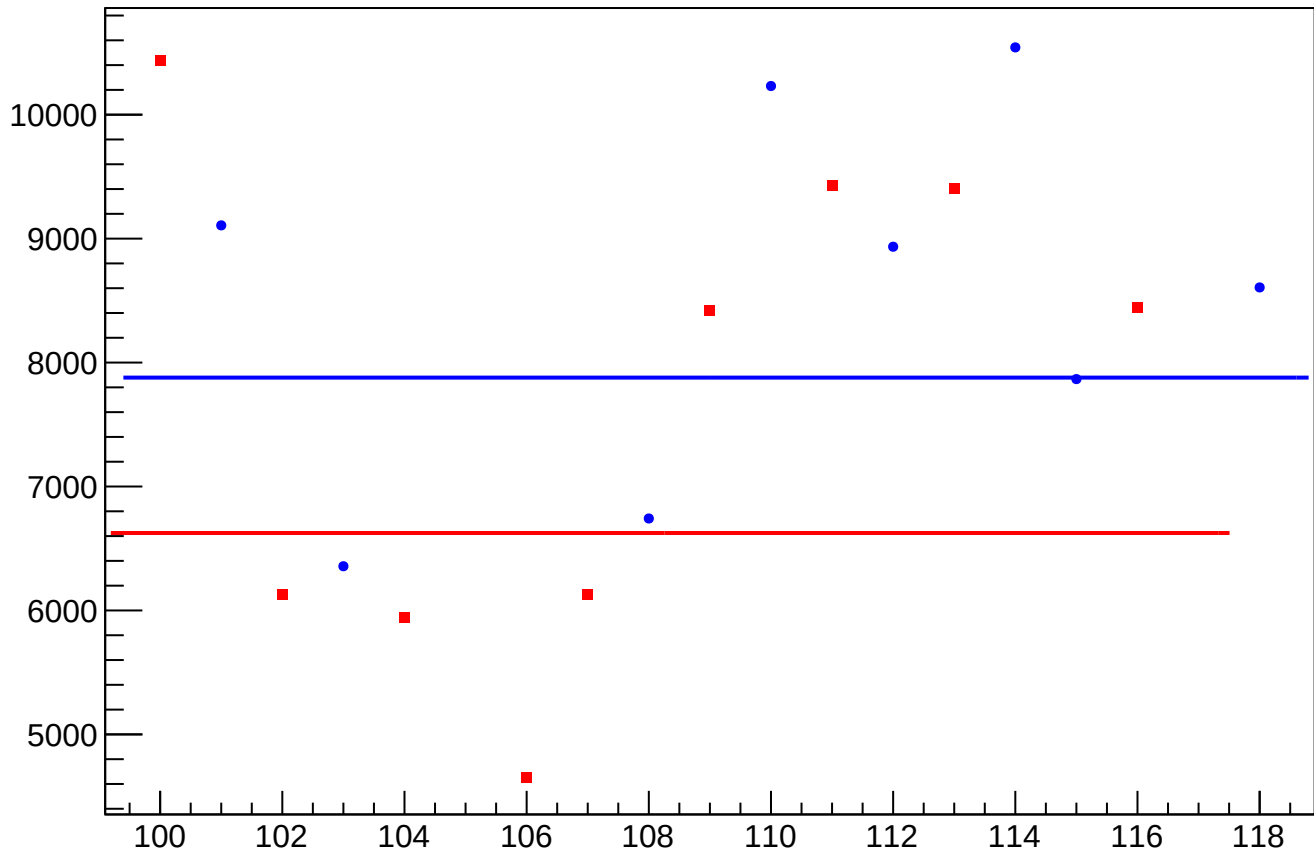
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1885.981+/-2806.141 χ^2/NDF : 16.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 7878.738 $\pm$ 3.108 χ^2 /NDF: 191000.2/7

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

Right Out: 6624.899 $\pm$ 2.578 χ^2 /NDF: 394271.3/8

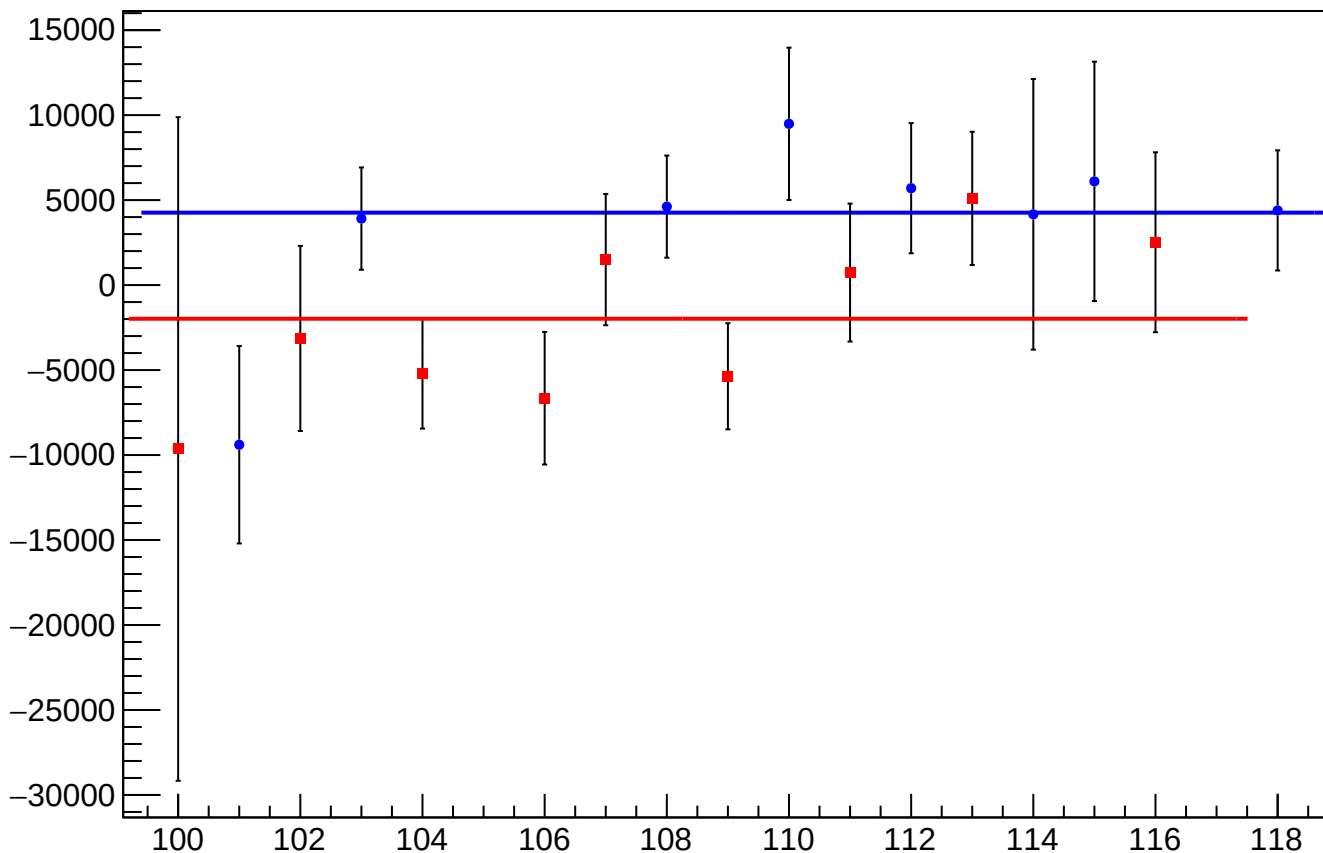
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 7136.034 $\pm$ 1.984 χ^2 /NDF: 681690.5/16

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

eigen_dit_asym_atr2_mean vs Slug



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: -1979.546+/-1376.323 χ^2/NDF : 9.0/8

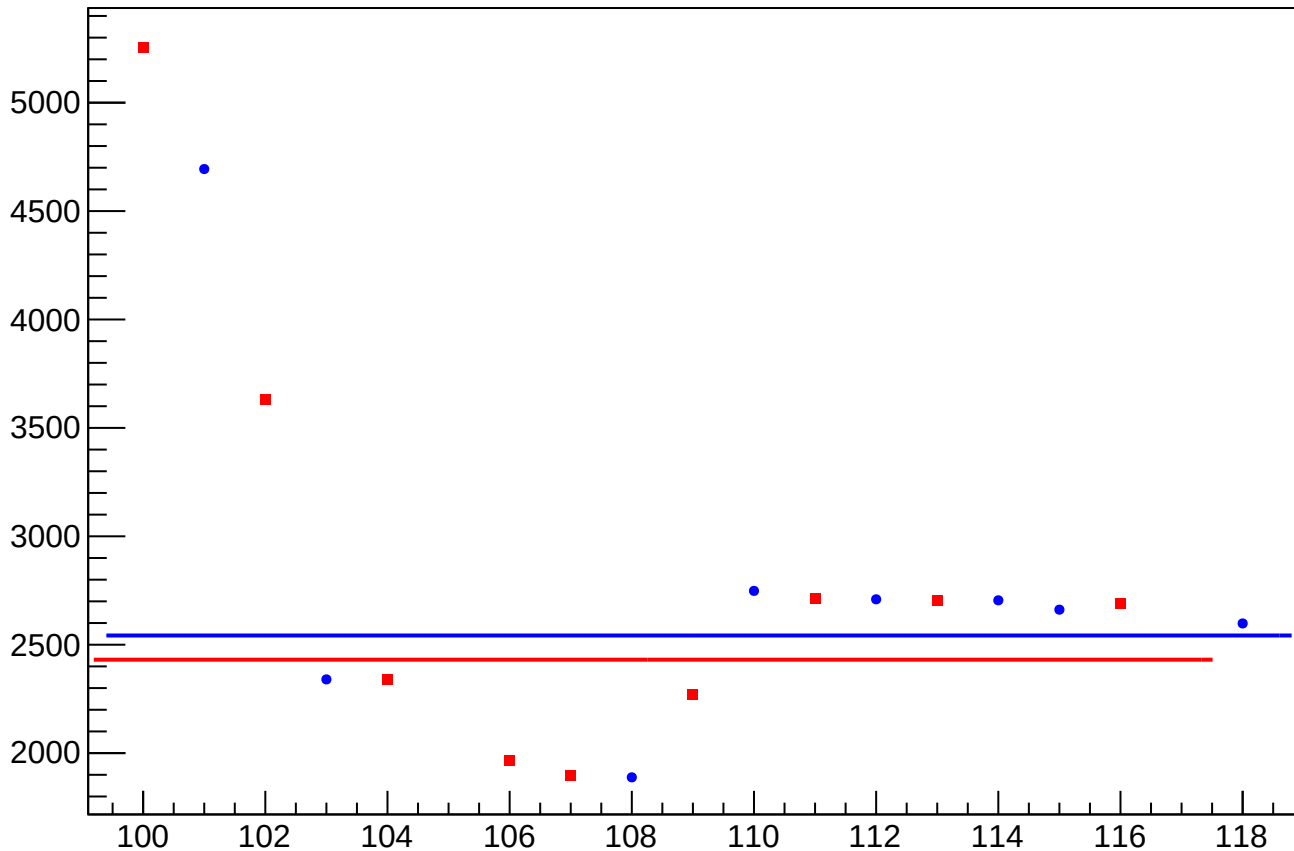
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1008.544+/-993.659 χ^2/NDF : 26.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr2_rms vs Slug



Right In: 2542.548 $\pm$ 1.015 χ^2 /NDF: 388335.7/7

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

Right Out: 2430.942 $\pm$ 0.972 χ^2 /NDF: 237122.8/8

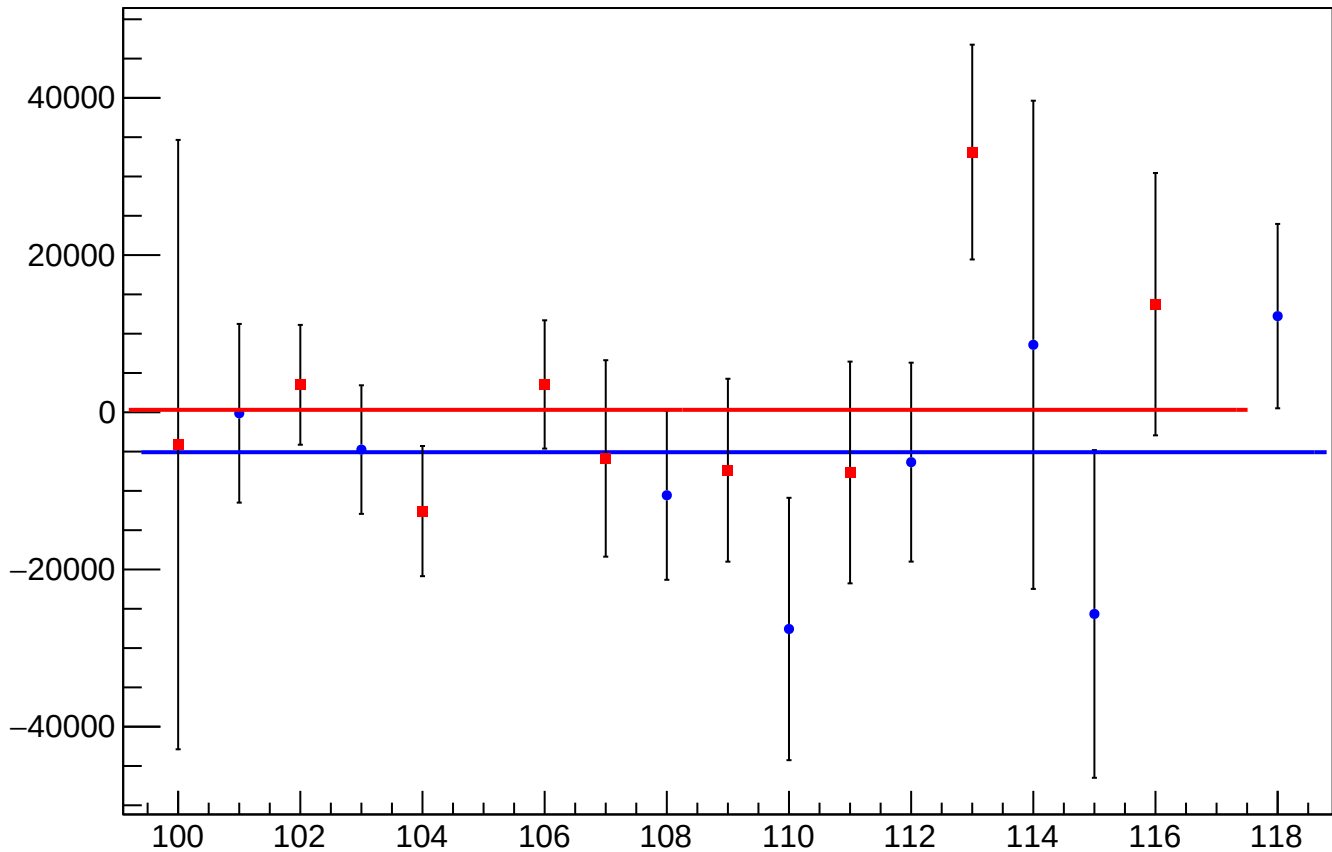
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2484.309 $\pm$ 0.702 χ^2 /NDF: 631762.1/16

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

asym_atr2_eigen_dit_correction_mean vs Slug



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: 311.399+/-3646.044 χ^2/NDF : 10.2/8

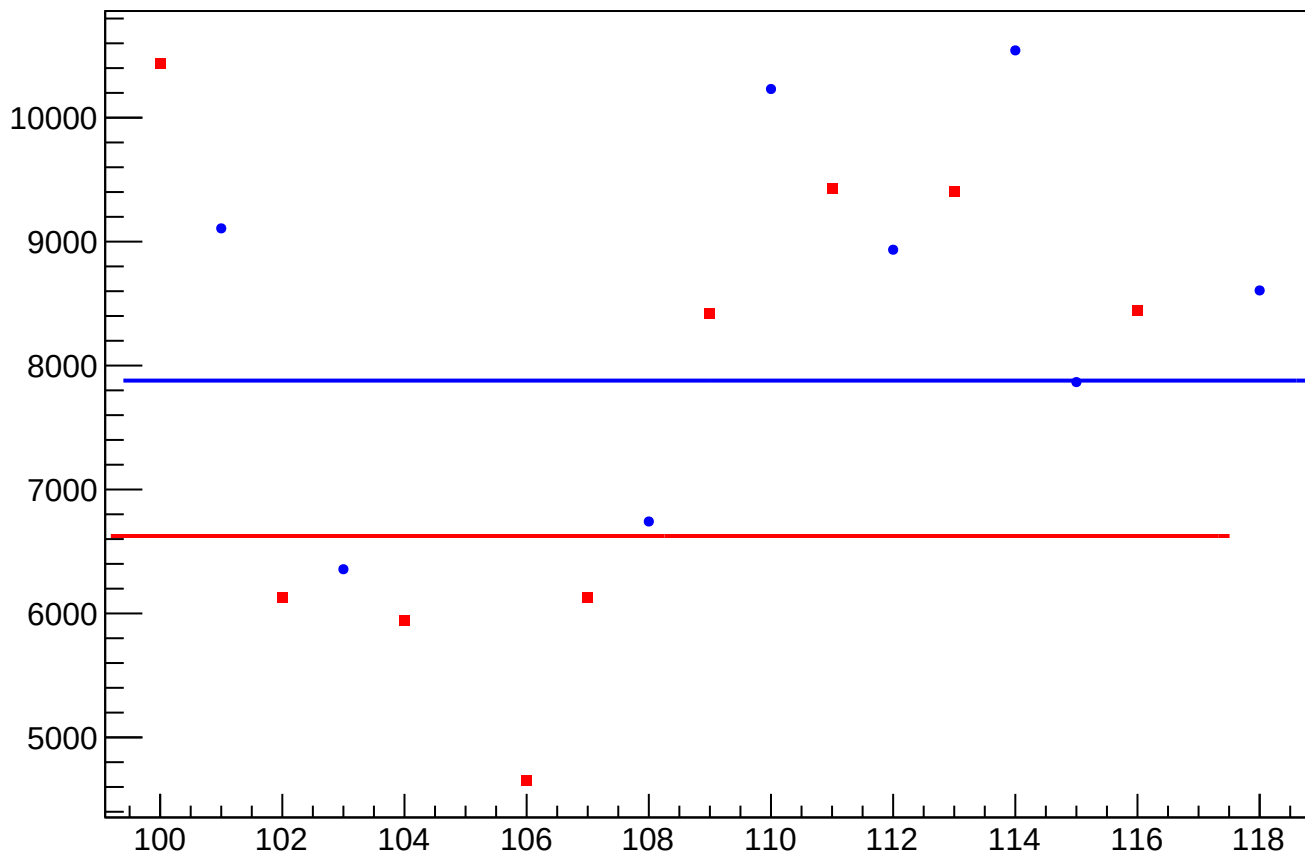
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1885.980+/-2806.138 χ^2/NDF : 16.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



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: 6624.889+/-2.578 χ^2/NDF : 394271.5/8

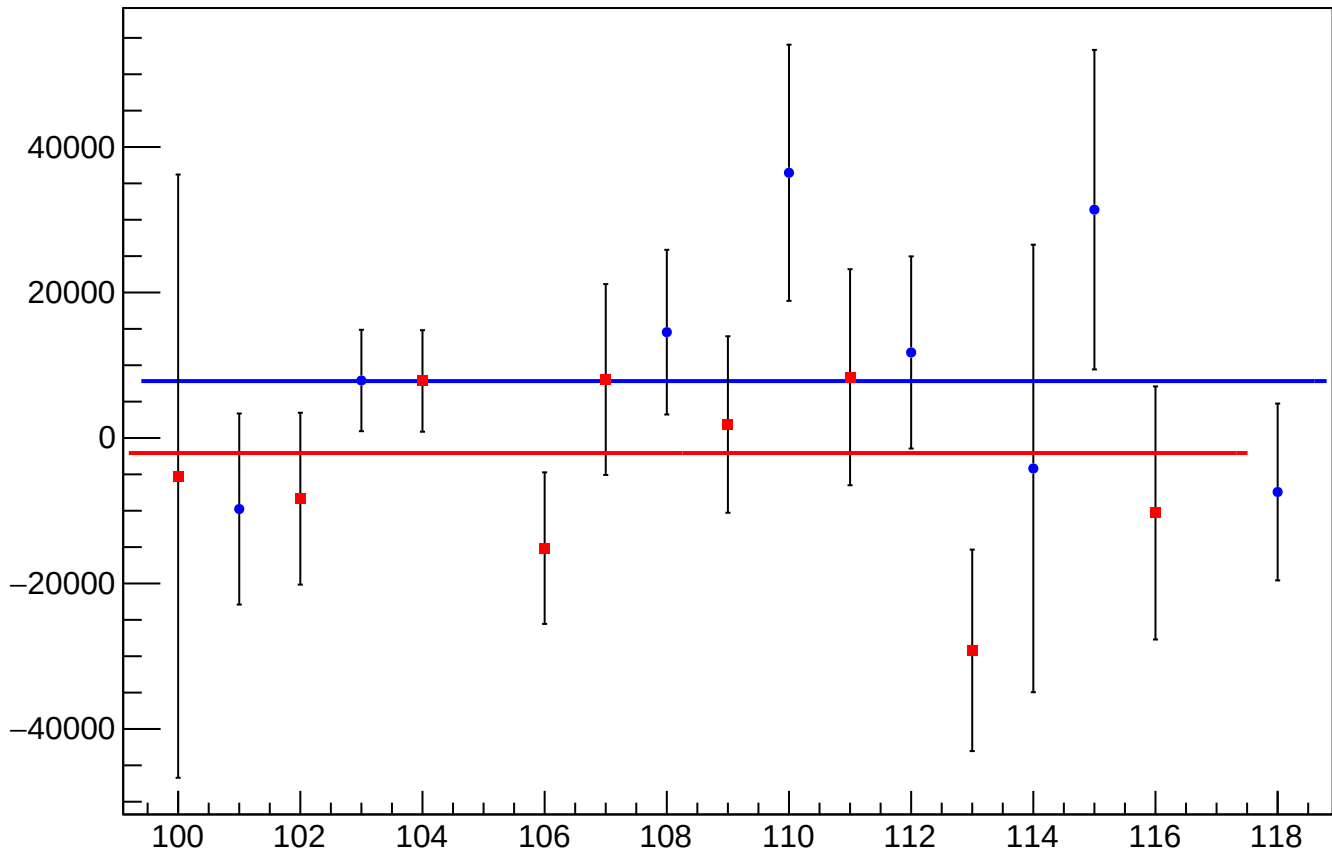
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7136.025+/-1.984 χ^2/NDF : 681688.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



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: -2066.680+/-3979.351 χ^2/NDF : 9.1/8

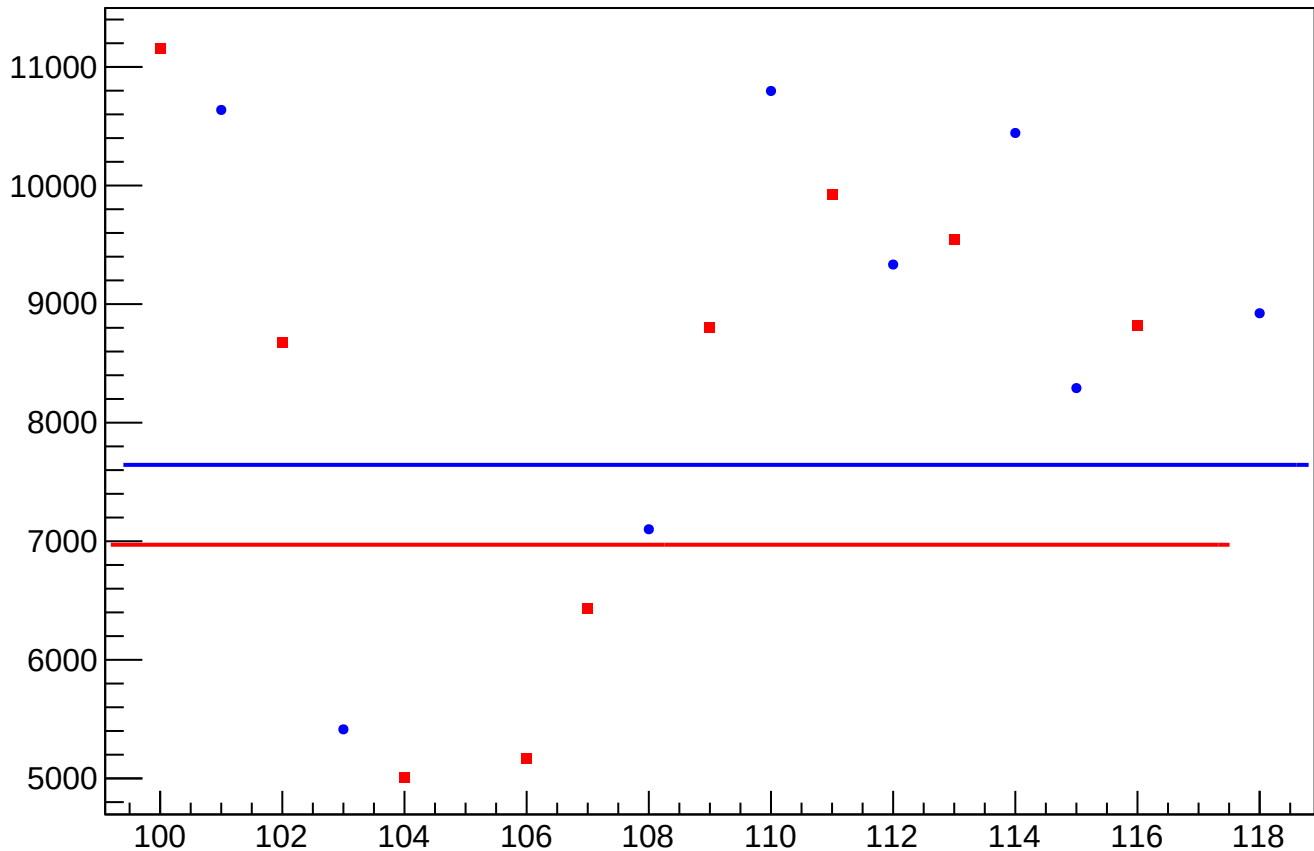
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2448.184+/-2933.619 χ^2/NDF : 19.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



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: 6970.610+/-2.814 χ^2/NDF : 499191.7/8

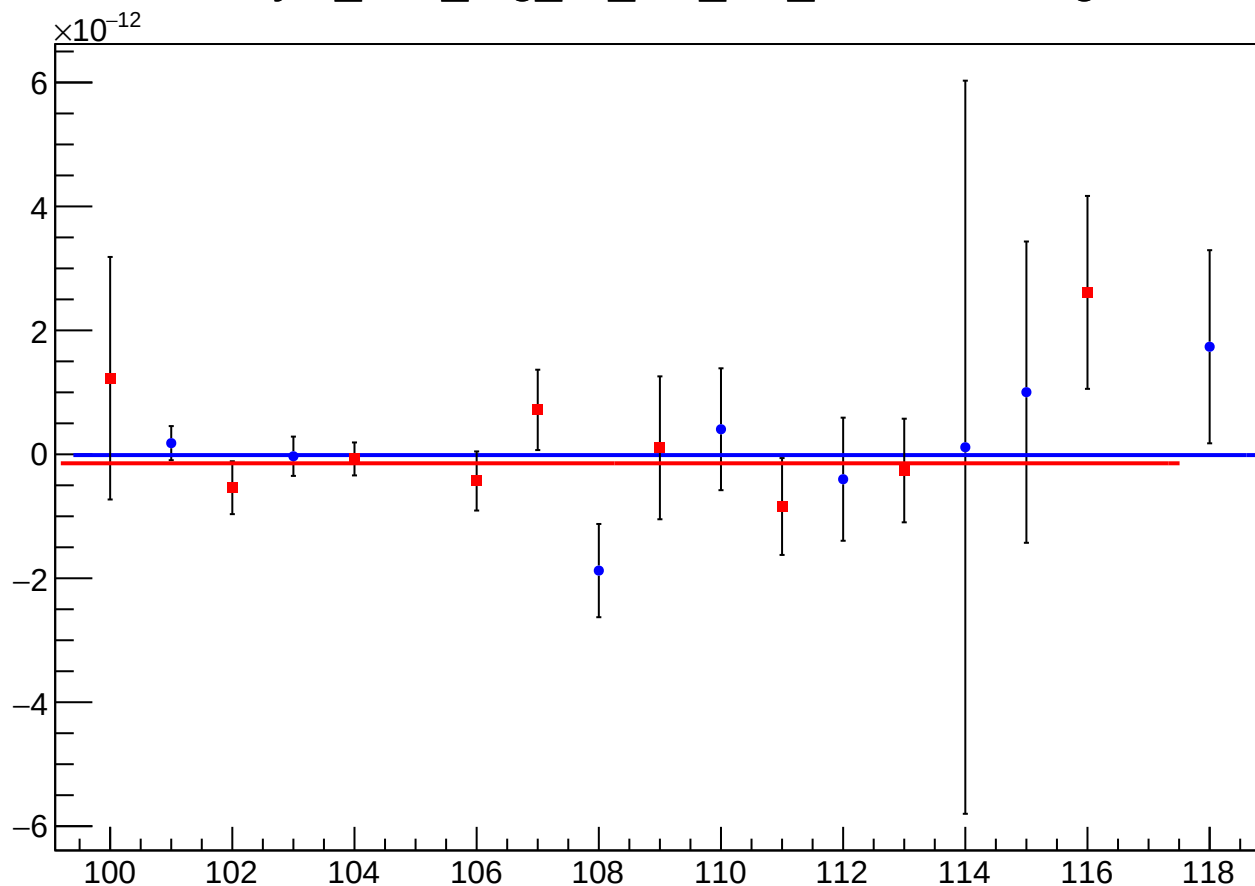
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7278.104+/-2.074 χ^2/NDF : 975999.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_mean vs Slug



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 : 7.5/8

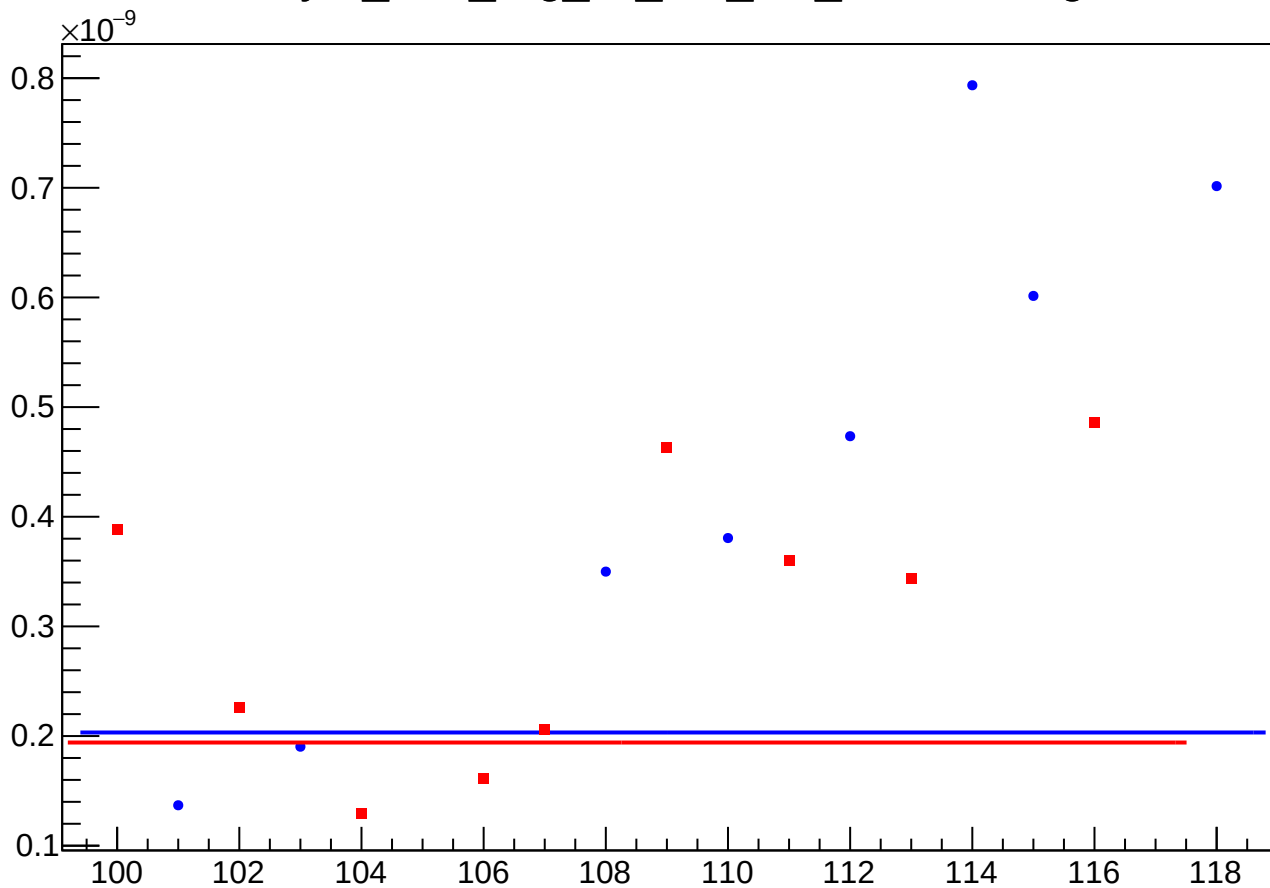
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 16.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_rms vs Slug



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 : 493997.4/8

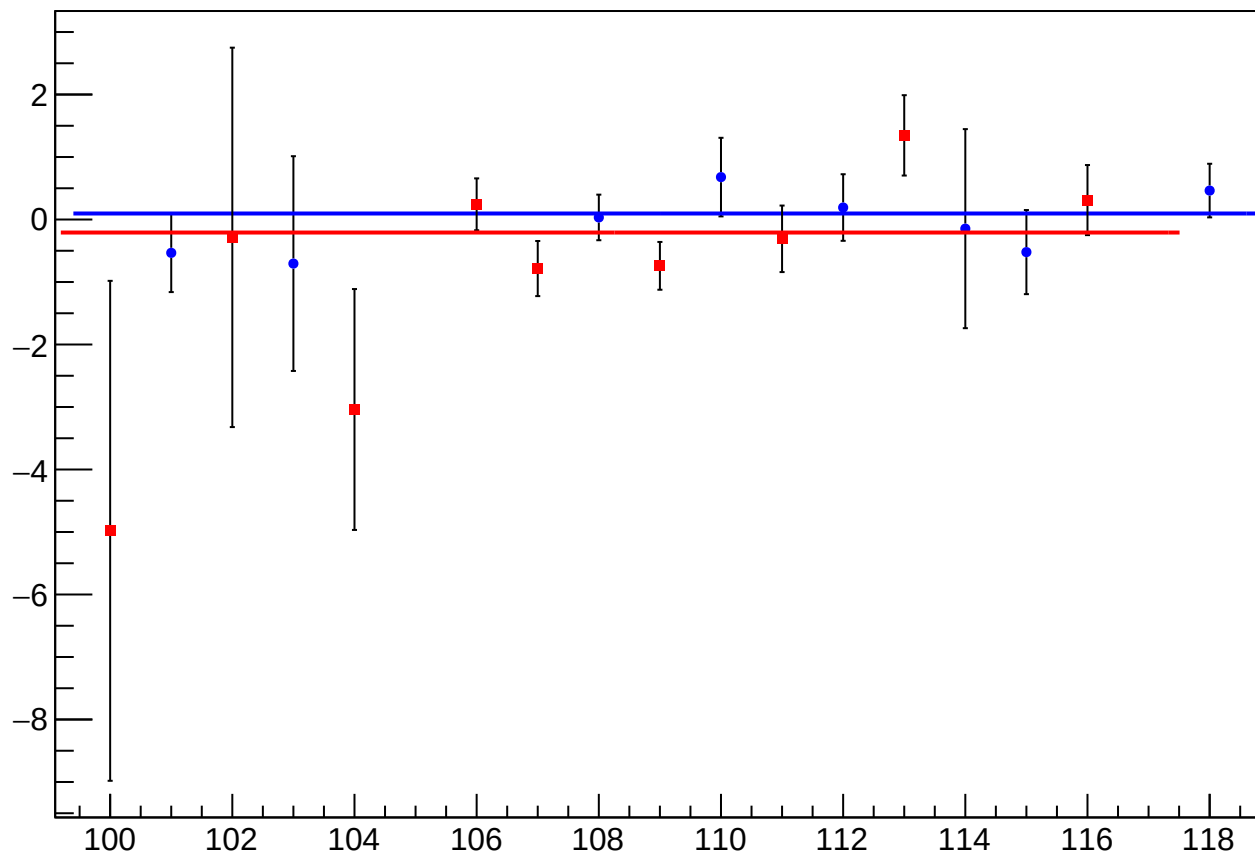
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1183611.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



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: -0.208 $\pm$ 0.191 χ^2 /NDF: 15.2/8

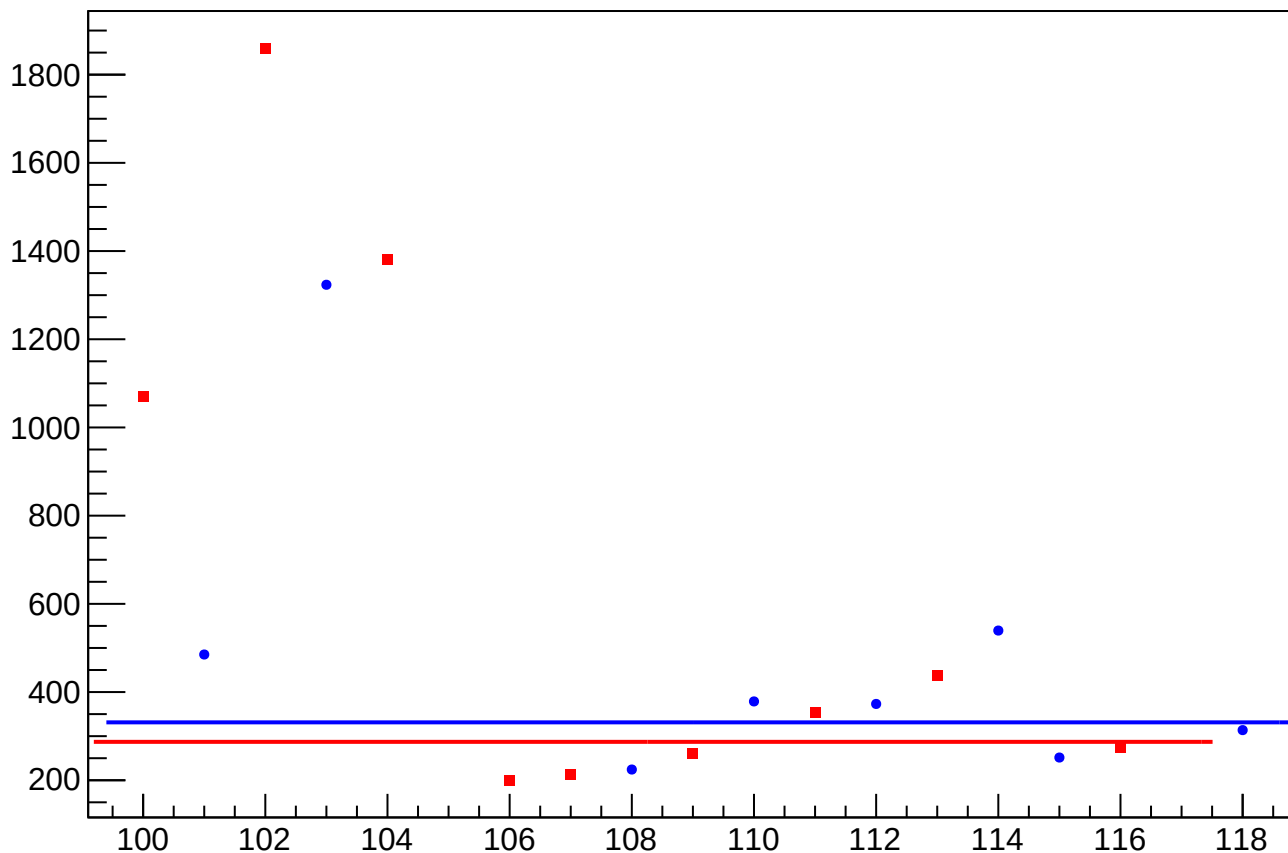
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.064 $\pm$ 0.139 χ^2 /NDF: 20.1/16

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

asym_atr2_dit_vs_cor_diff_rms vs Slug



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: 287.108+/-0.135 χ^2/NDF : 1554549.2/8

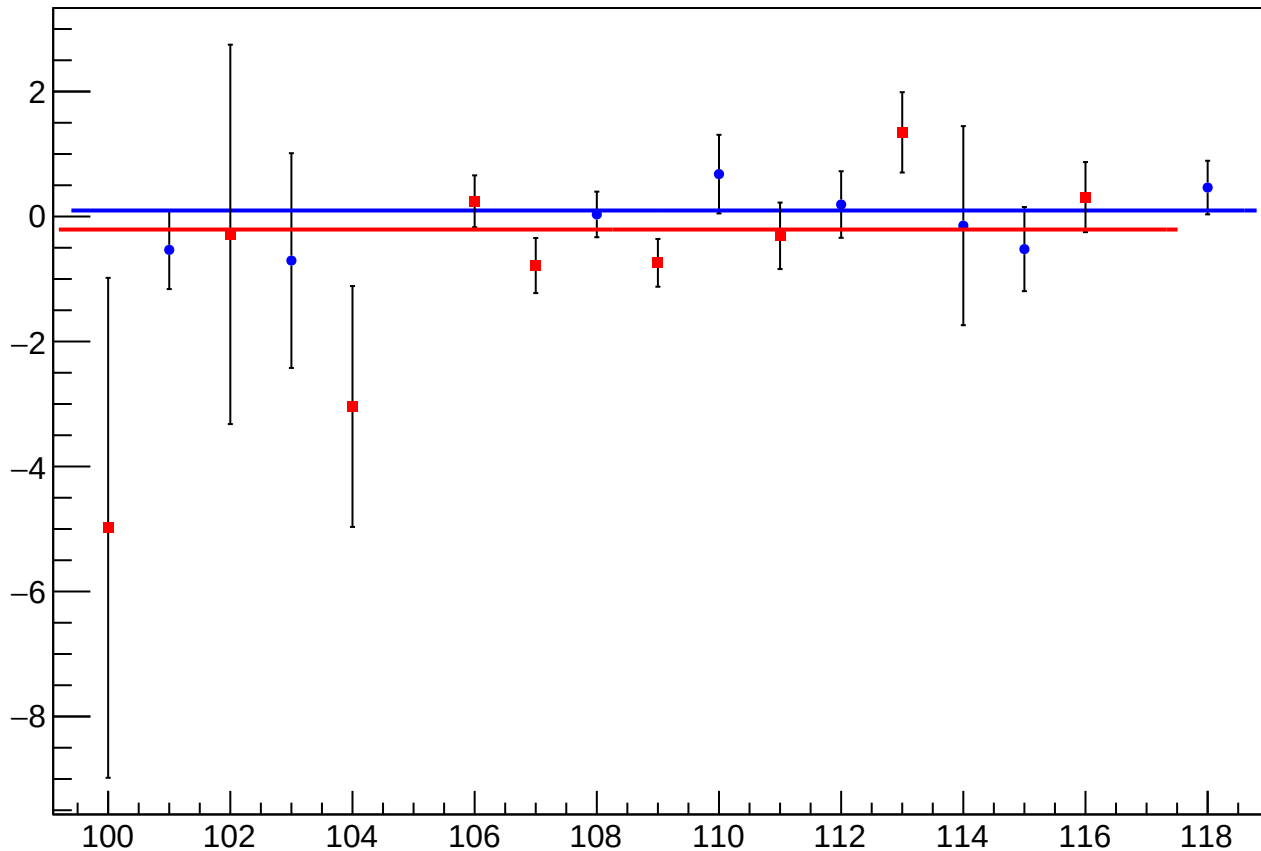
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.974+/-0.098 χ^2/NDF : 2653664.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.208 $\pm$ 0.191 χ^2 /NDF: 15.2/8

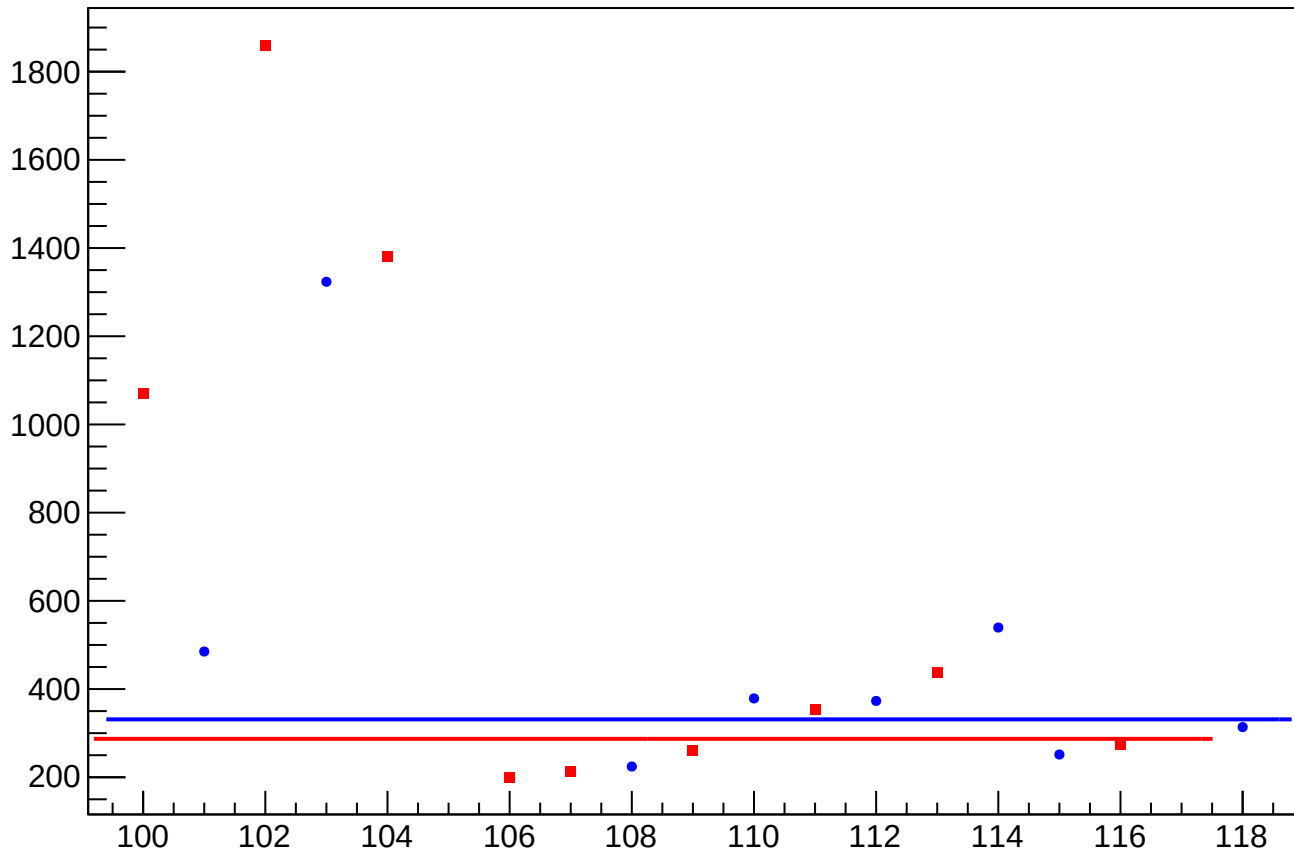
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.064 $\pm$ 0.139 χ^2 /NDF: 20.1/16

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

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



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: 287.108+/-0.135 χ^2/NDF : 1554549.2/8

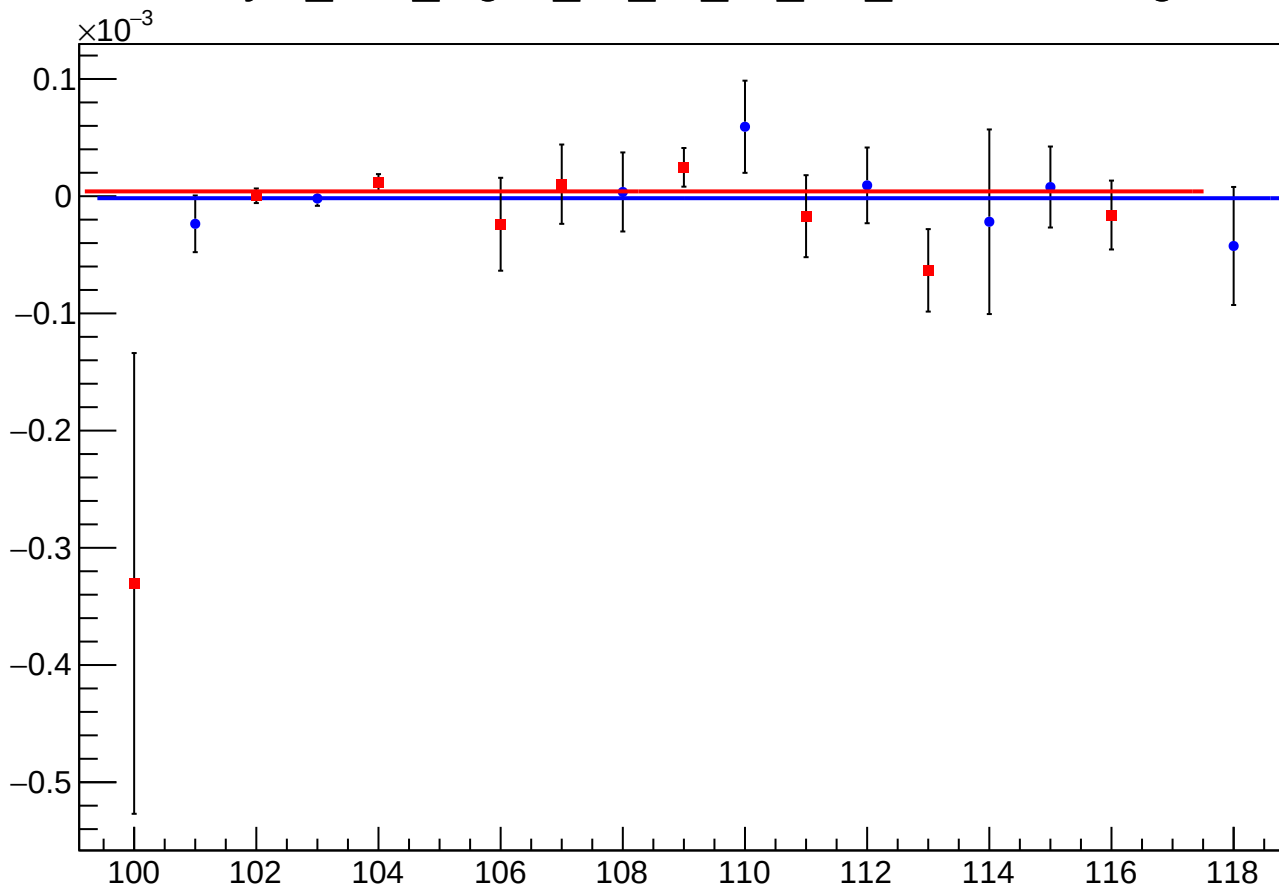
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.974+/-0.098 χ^2/NDF : 2653664.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 4.2/7

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.9/8

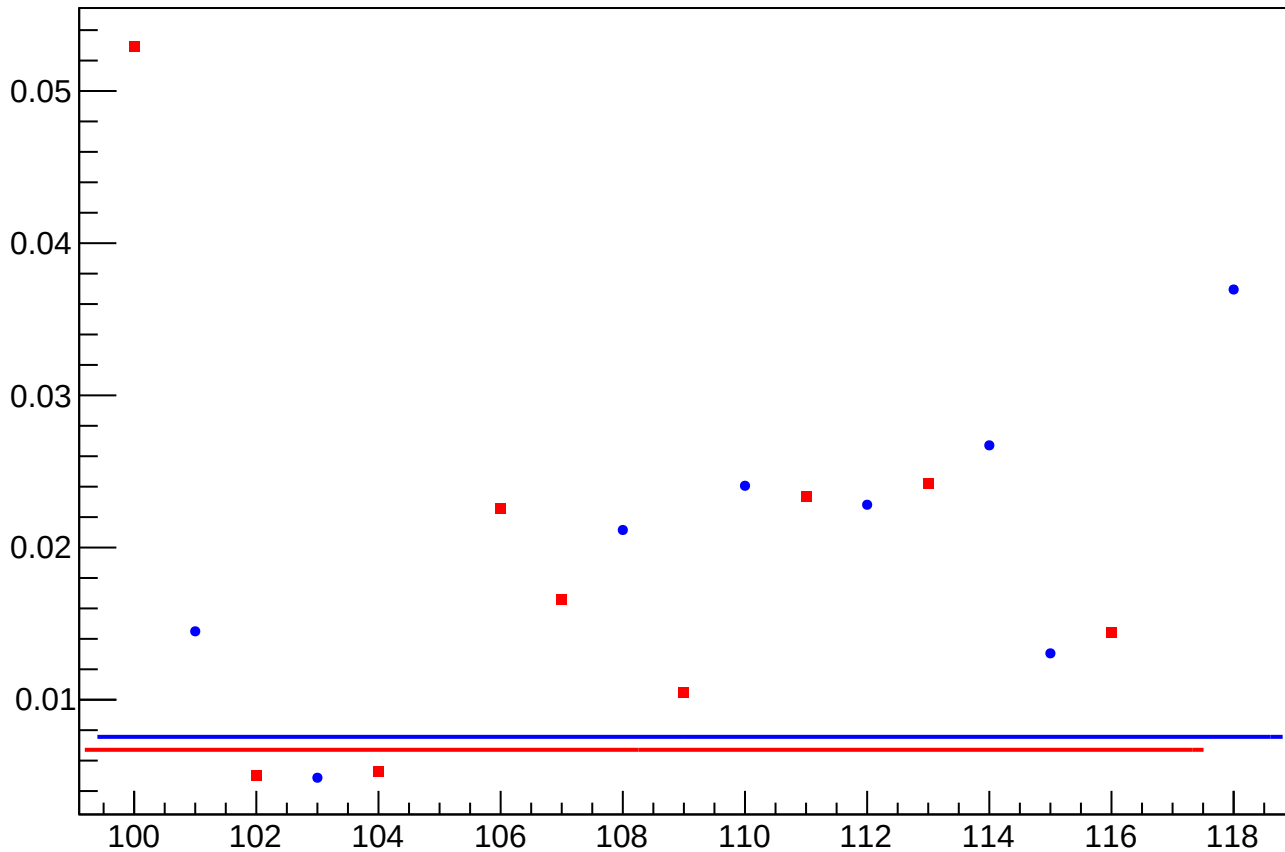
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 15.7/16

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

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2017362.5/8

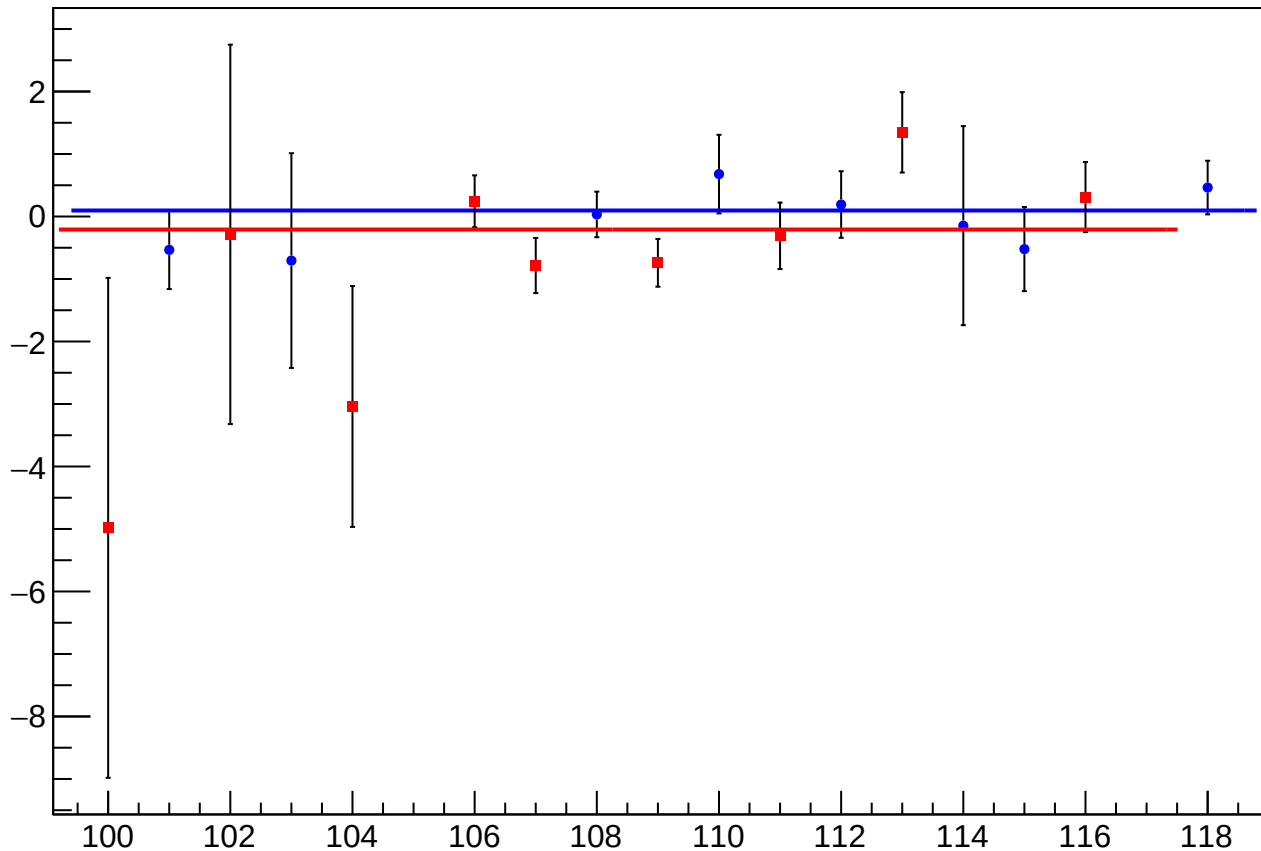
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4550692.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.208 $\pm$ 0.191 χ^2 /NDF: 15.2/8

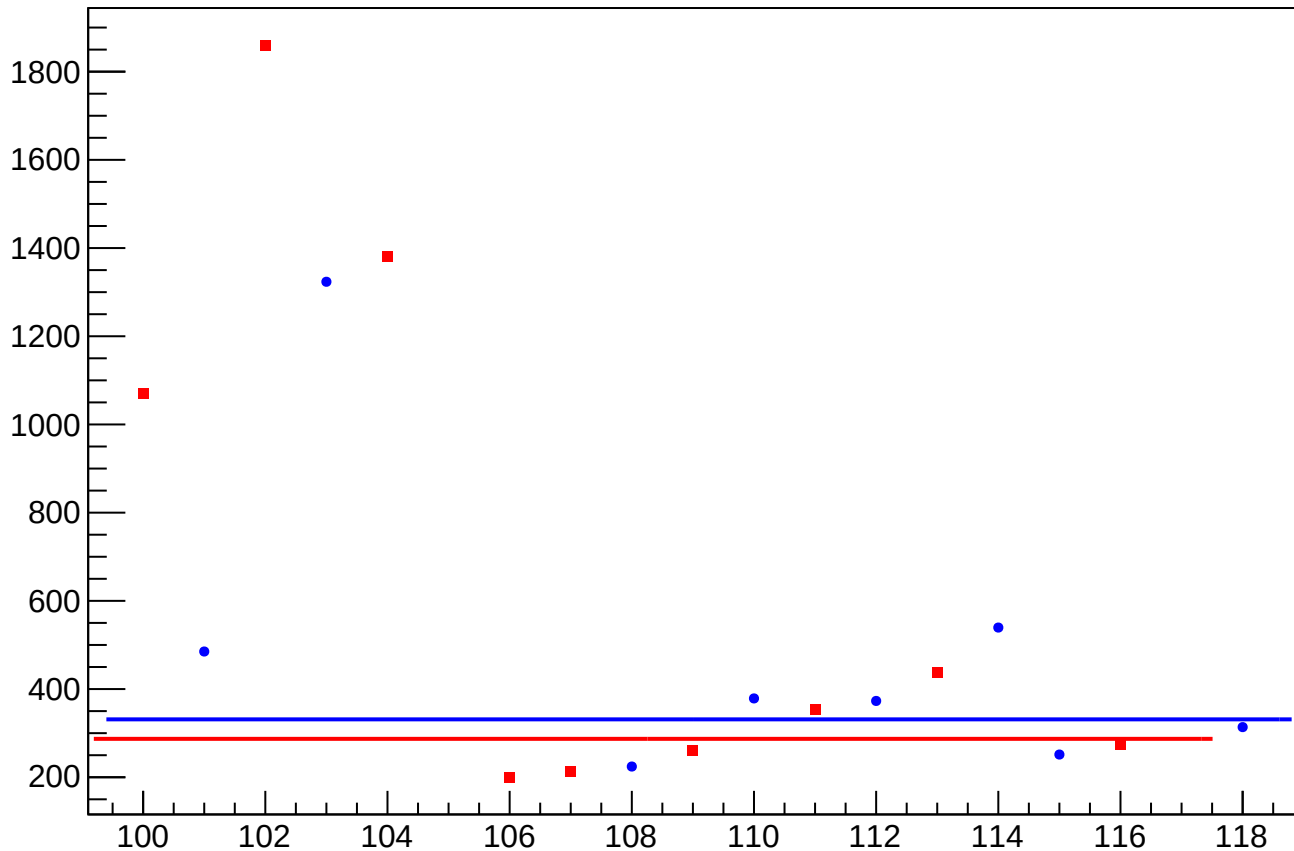
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.064 $\pm$ 0.139 χ^2 /NDF: 20.1/16

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

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



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: 287.108+/-0.135 χ^2/NDF : 1554549.6/8

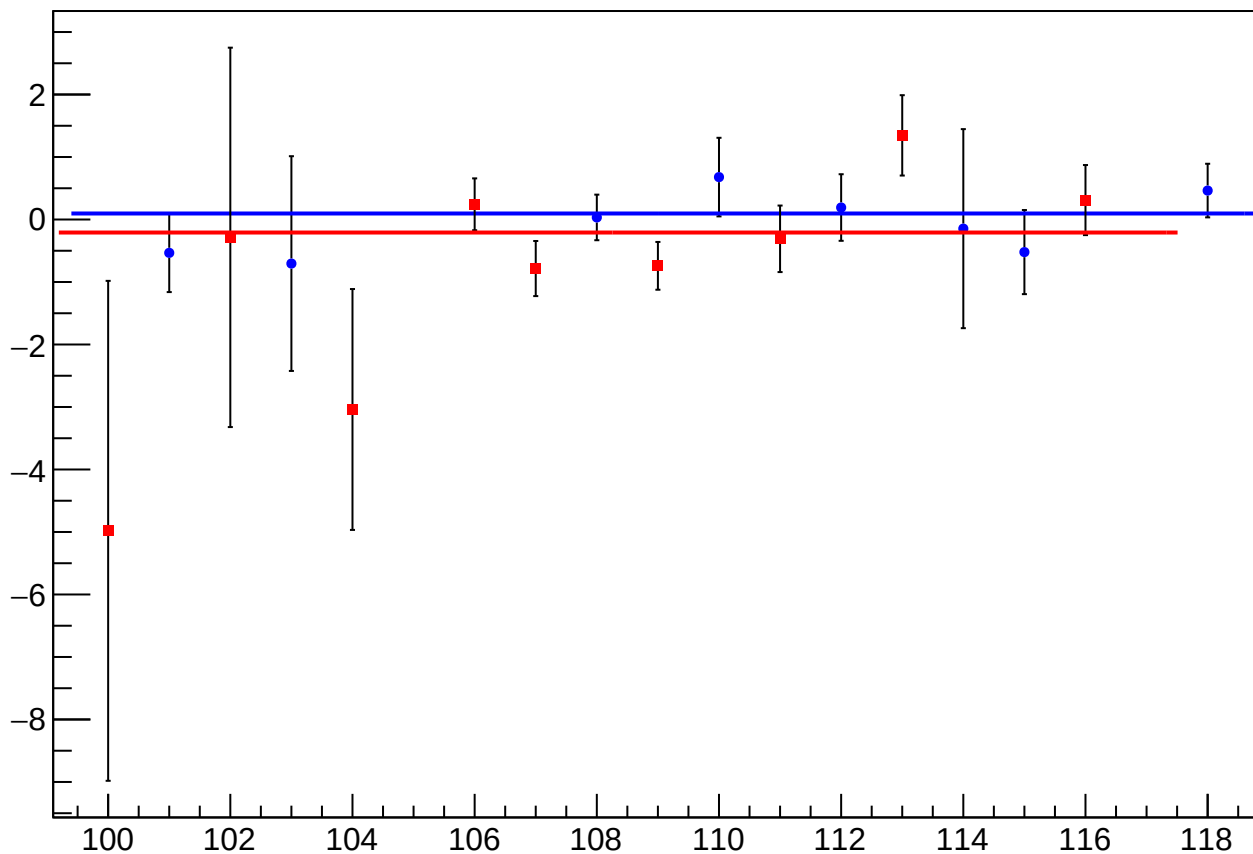
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.973+/-0.098 χ^2/NDF : 2653679.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.208 $\pm$ 0.191 χ^2 /NDF: 15.2/8

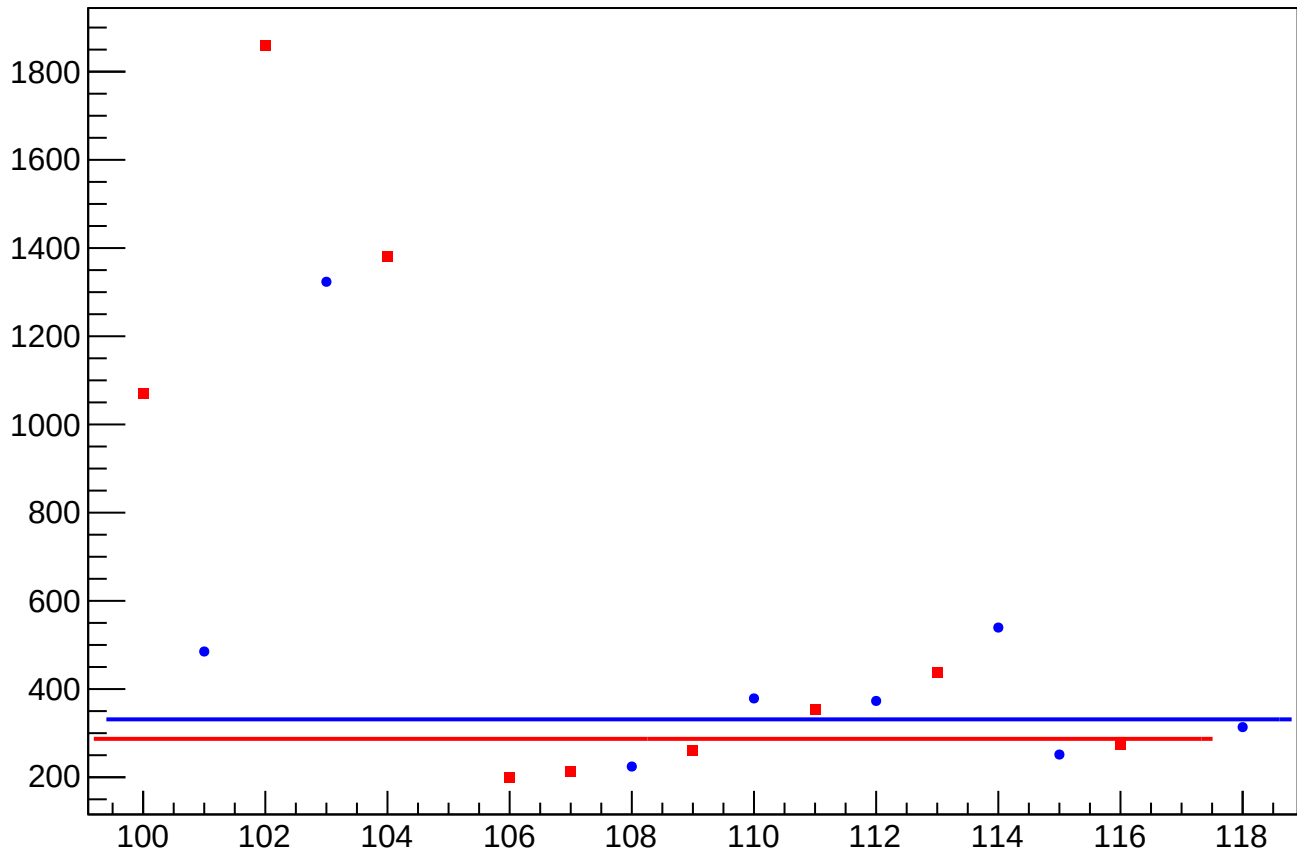
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.064 $\pm$ 0.139 χ^2 /NDF: 20.1/16

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

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 287.108+/-0.135 χ^2/NDF : 1554549.6/8

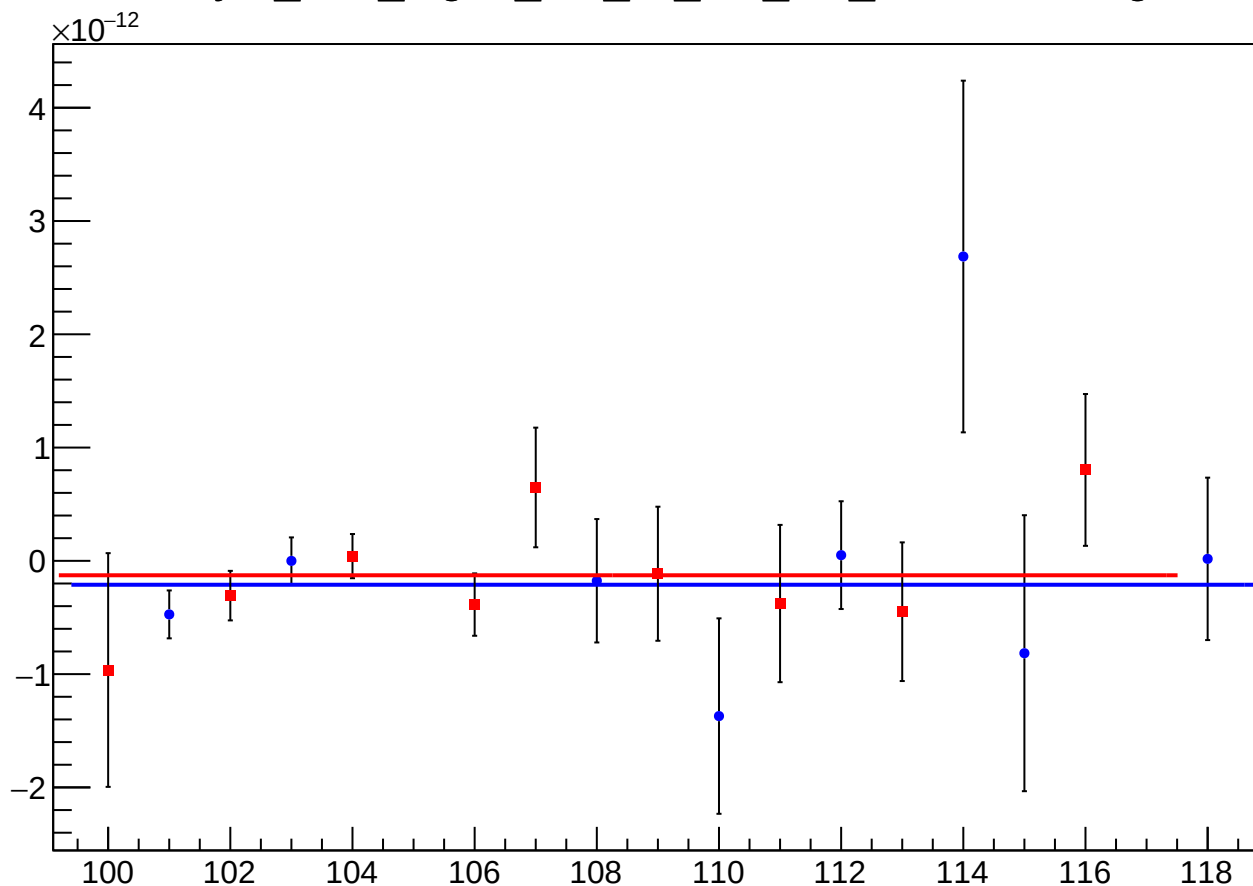
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 307.973+/-0.098 χ^2/NDF : 2653679.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.5/8

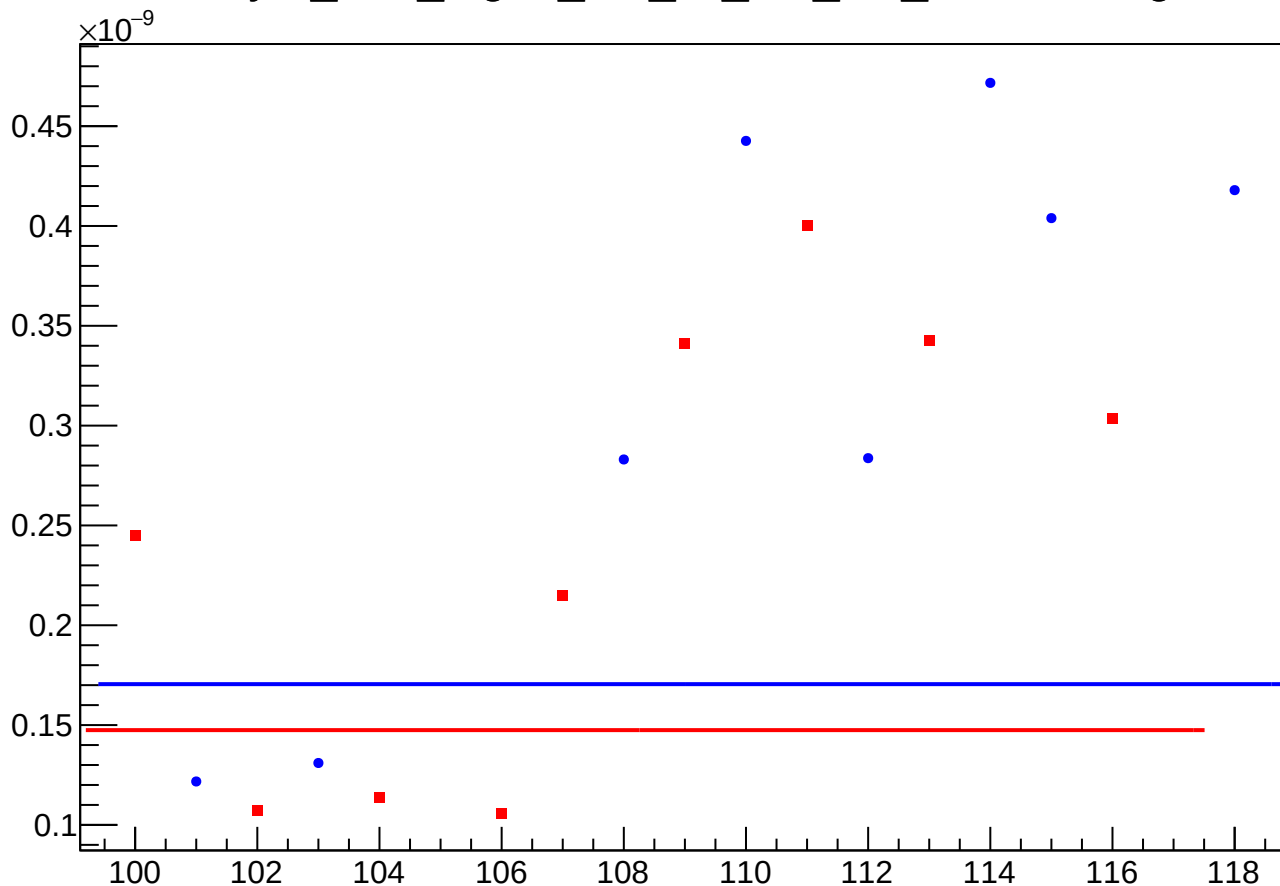
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1014747.6/8

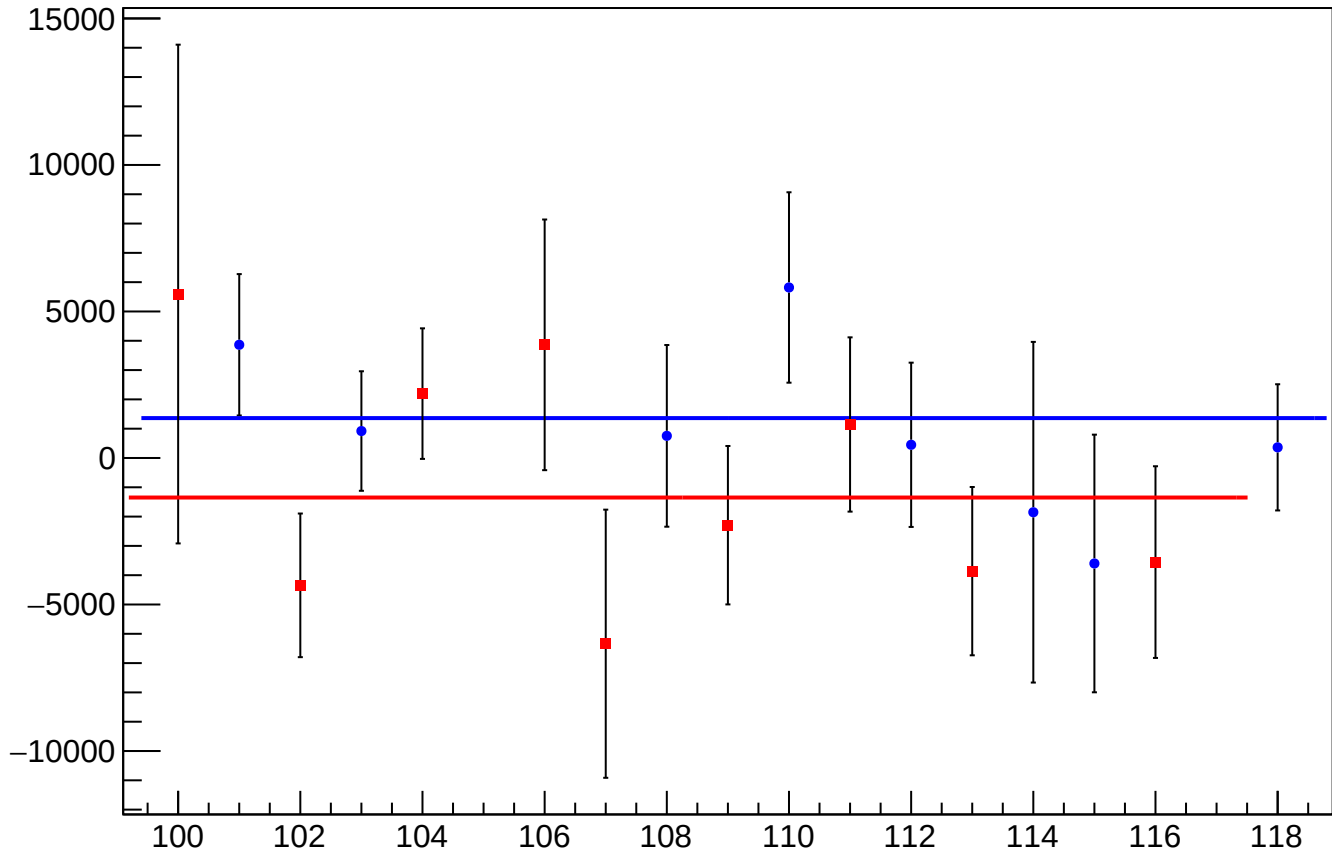
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2012824.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



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: -1349.415+/-1026.603 χ^2/NDF : 9.4/8

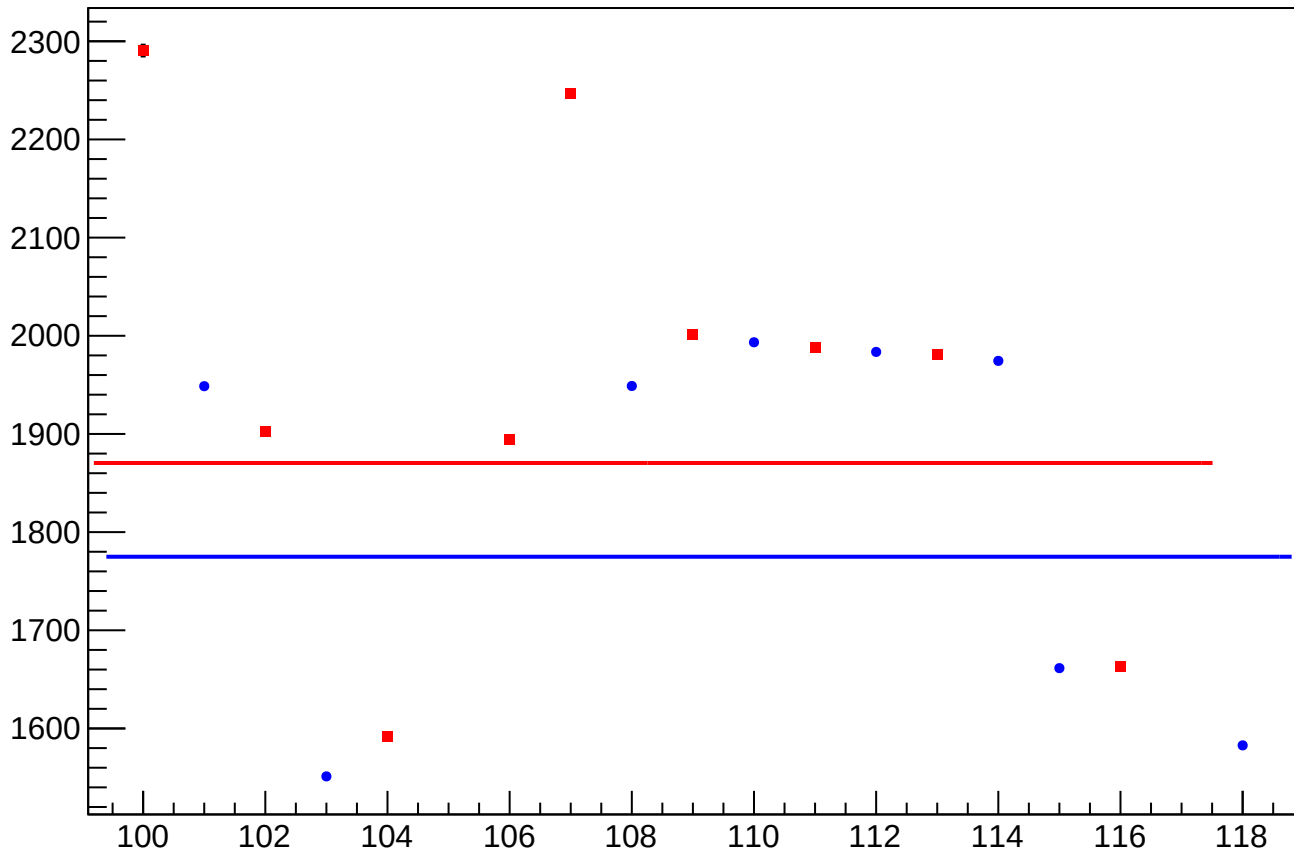
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.967+/-709.931 χ^2/NDF : 18.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_rms vs Slug



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: 1870.432+/-0.717 χ^2/NDF : 68990.7/8

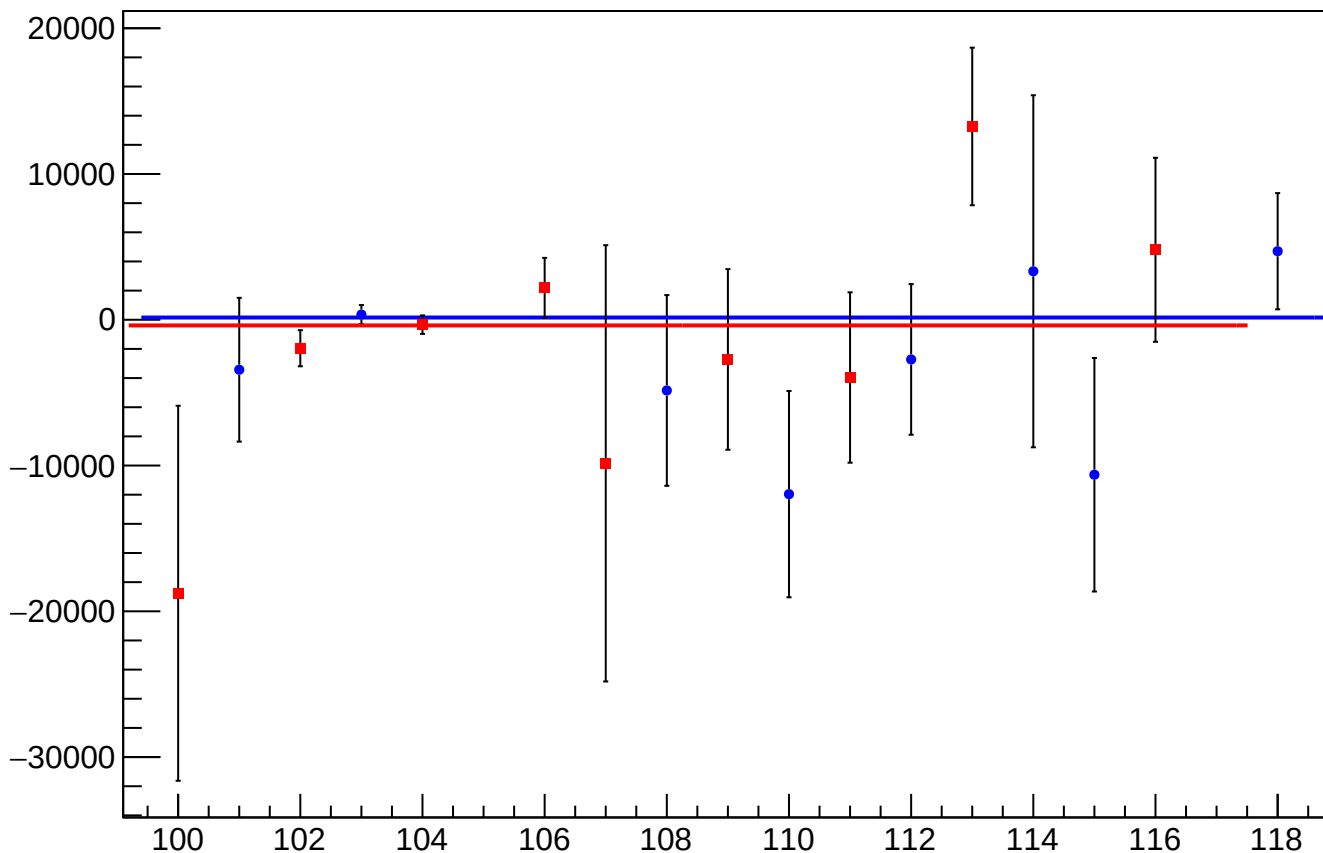
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1821.175+/-0.499 χ^2/NDF : 158609.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 153.406+/-626.792 χ^2/NDF : 7.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.051+/-534.551 χ^2/NDF : 13.2/8

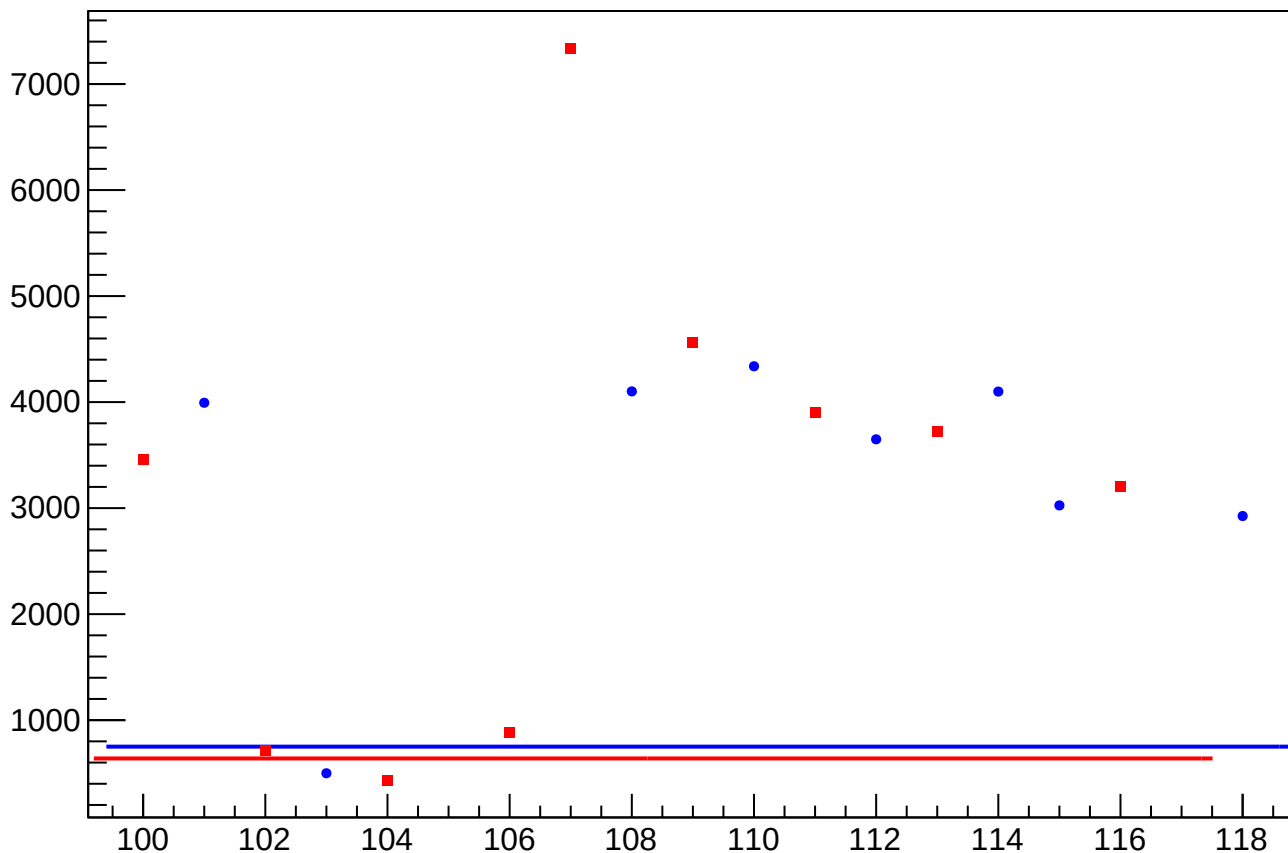
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -160.059+/-406.726 χ^2/NDF : 21.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



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: 638.629+/-0.378 χ^2/NDF : 3161597.4/8

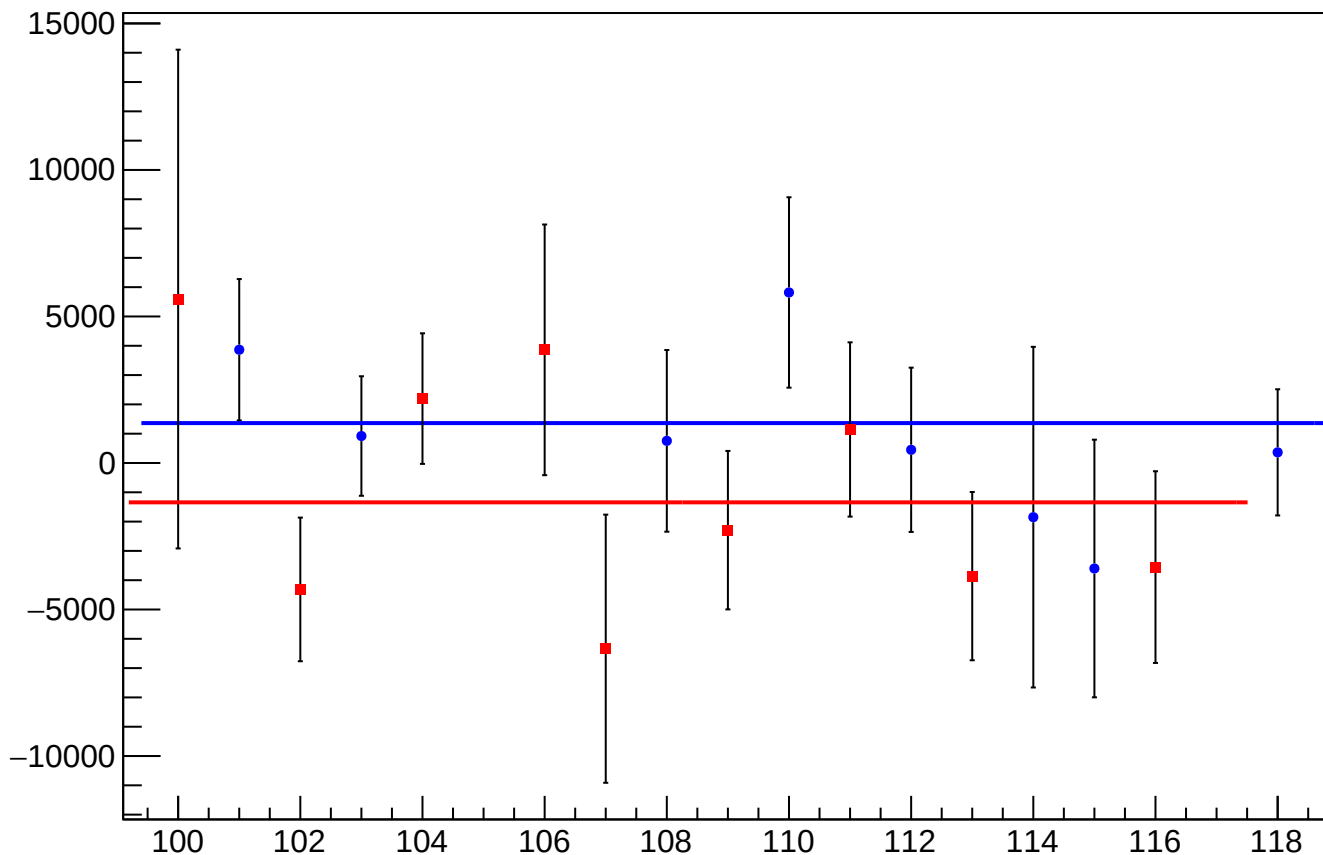
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.559+/-0.288 χ^2/NDF : 6937768.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 1361.622 $\pm$ 982.816 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1343.294 $\pm$ 1026.624 χ^2 /NDF: 9.4/8

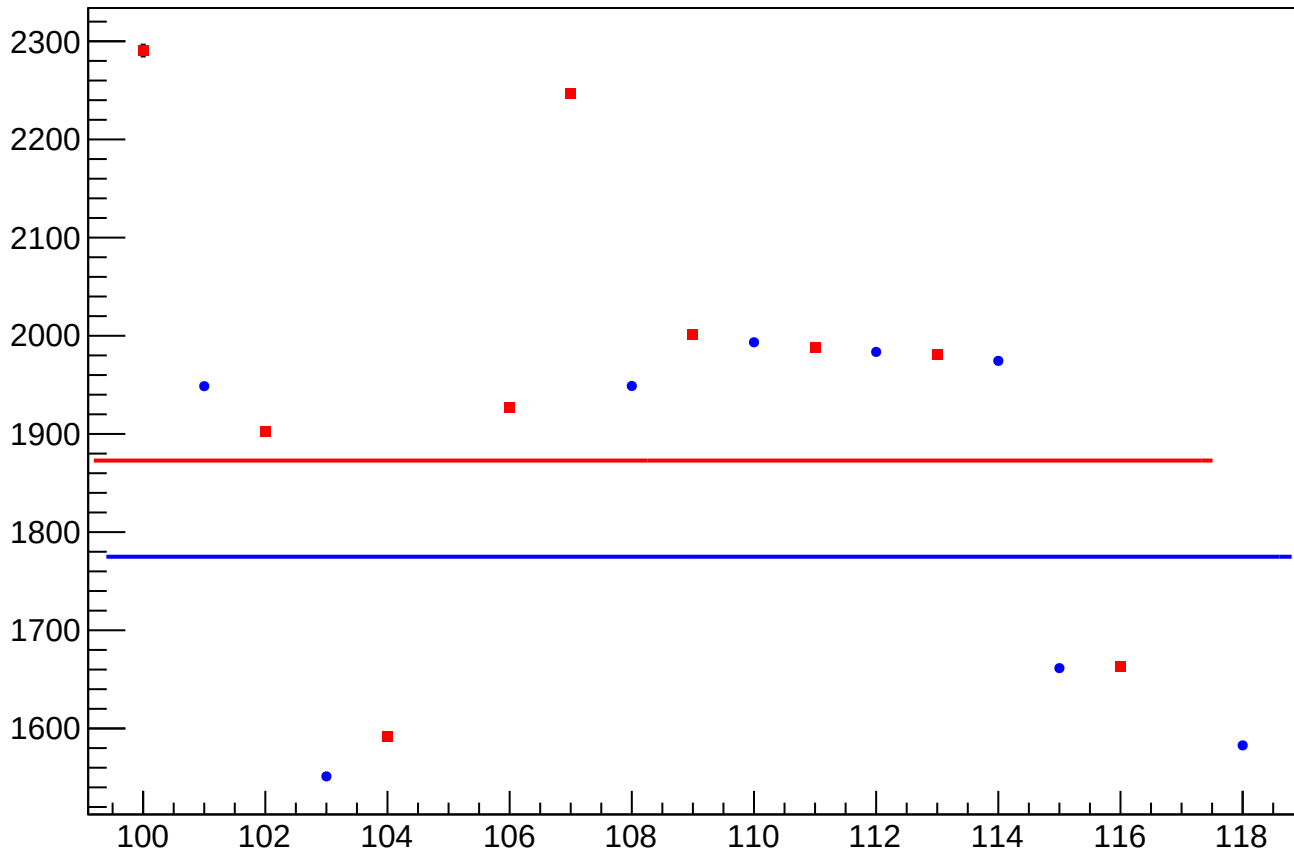
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.106 $\pm$ 709.938 χ^2 /NDF: 17.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1774.932 $\pm$ 0.695 χ^2 /NDF: 80475.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.915 $\pm$ 0.718 χ^2 /NDF: 69372.1/8

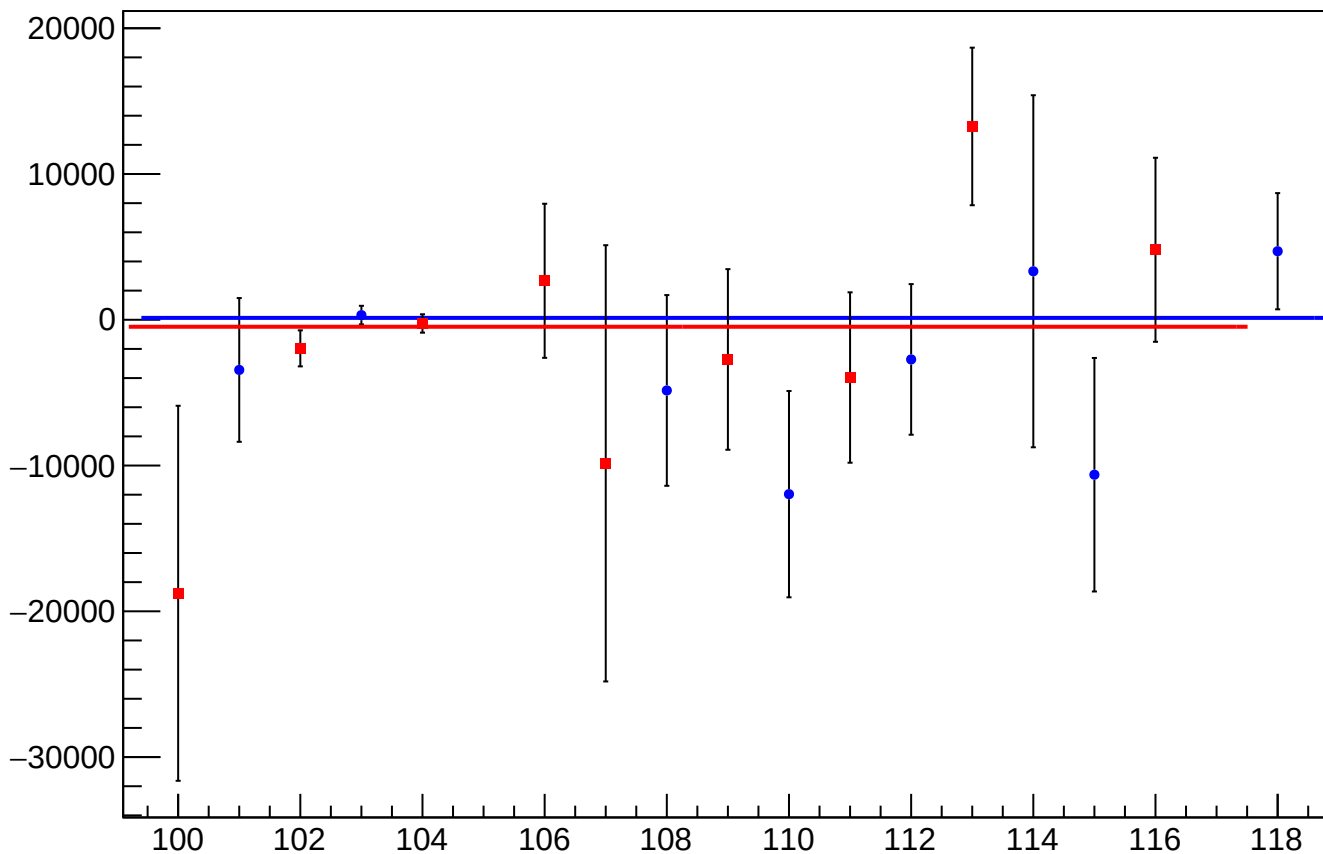
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1822.316 $\pm$ 0.499 χ^2 /NDF: 159460.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



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: -478.677+/-547.610 χ^2/NDF : 12.0/8

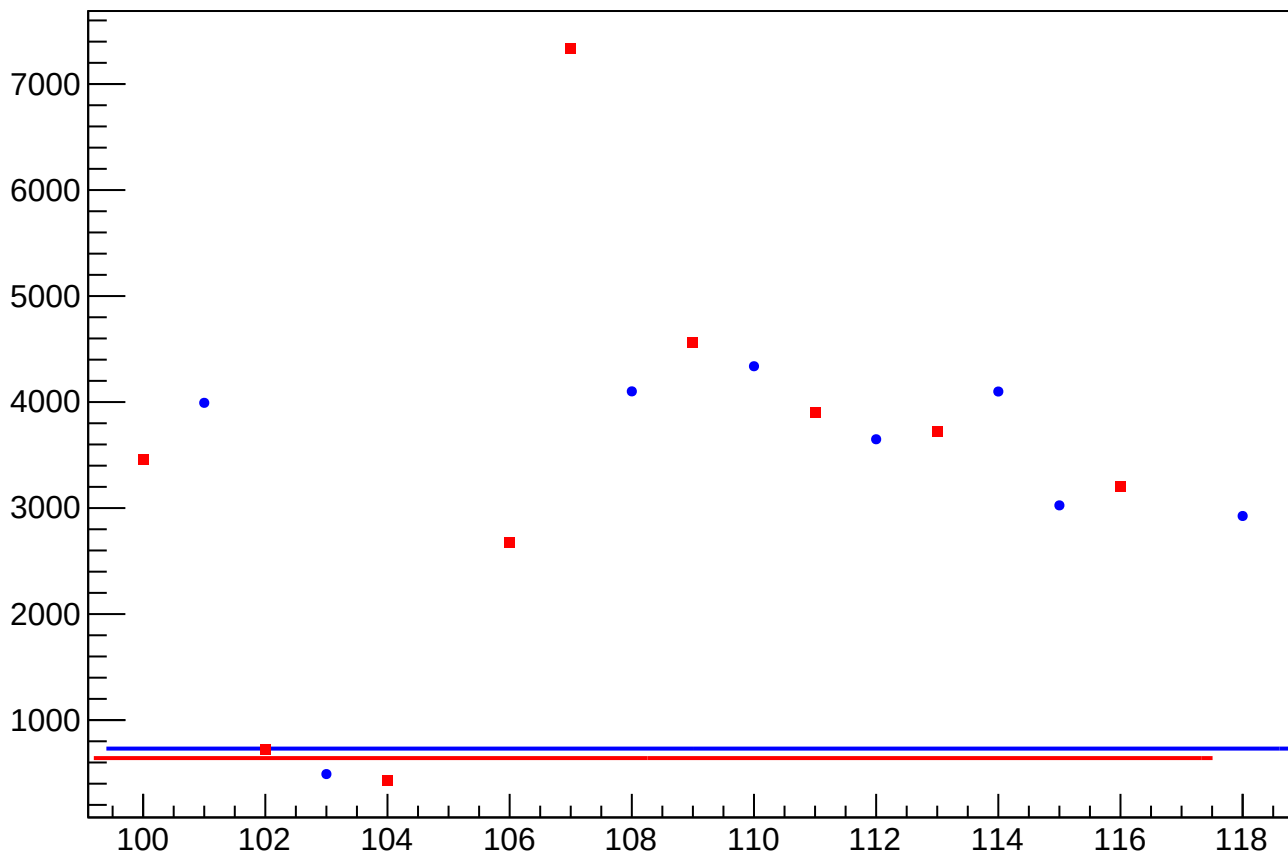
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.256+/-408.174 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



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: 641.449+/-0.387 χ^2/NDF : 3434974.2/8

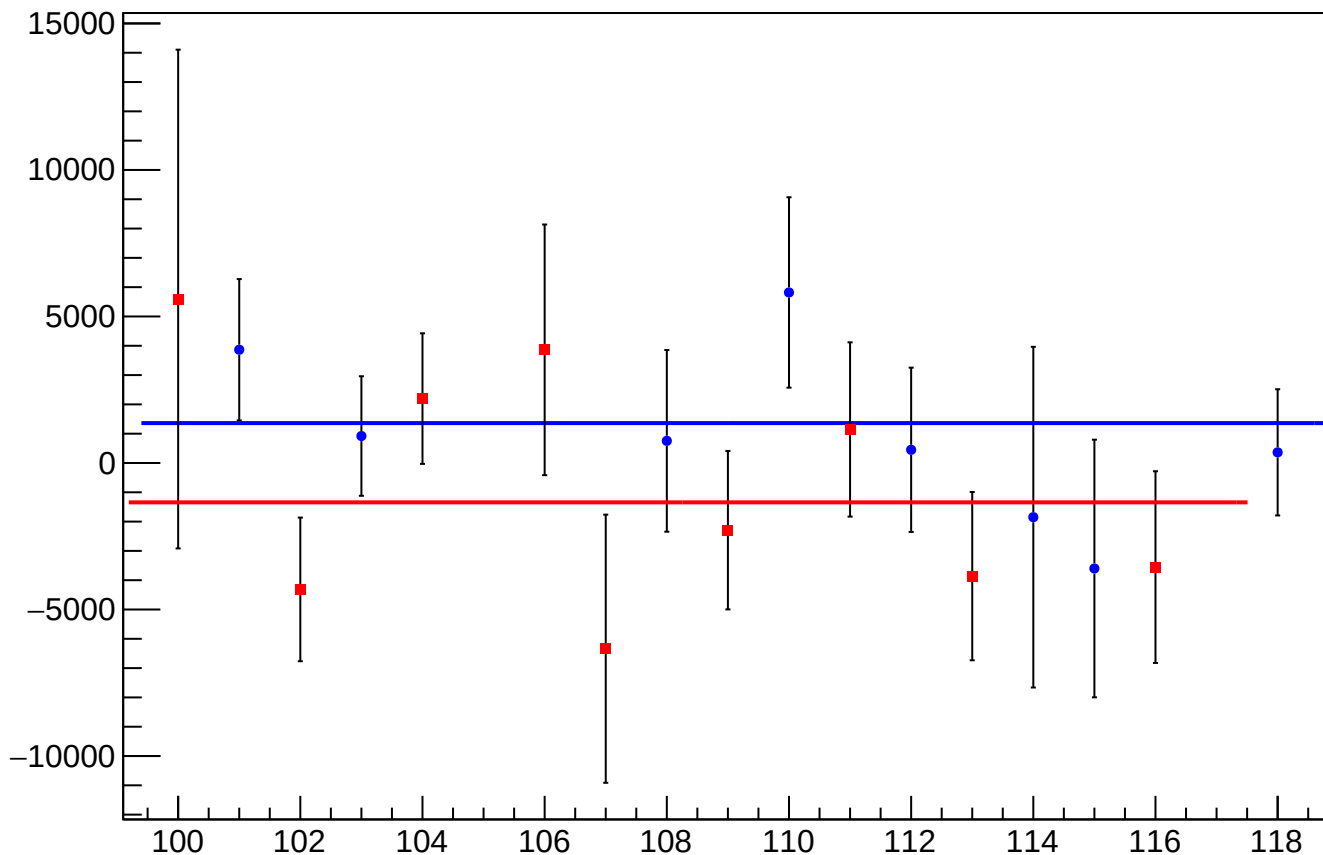
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.284+/-0.289 χ^2/NDF : 7232177.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 1361.622 $\pm$ 982.816 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1343.294 $\pm$ 1026.624 χ^2 /NDF: 9.4/8

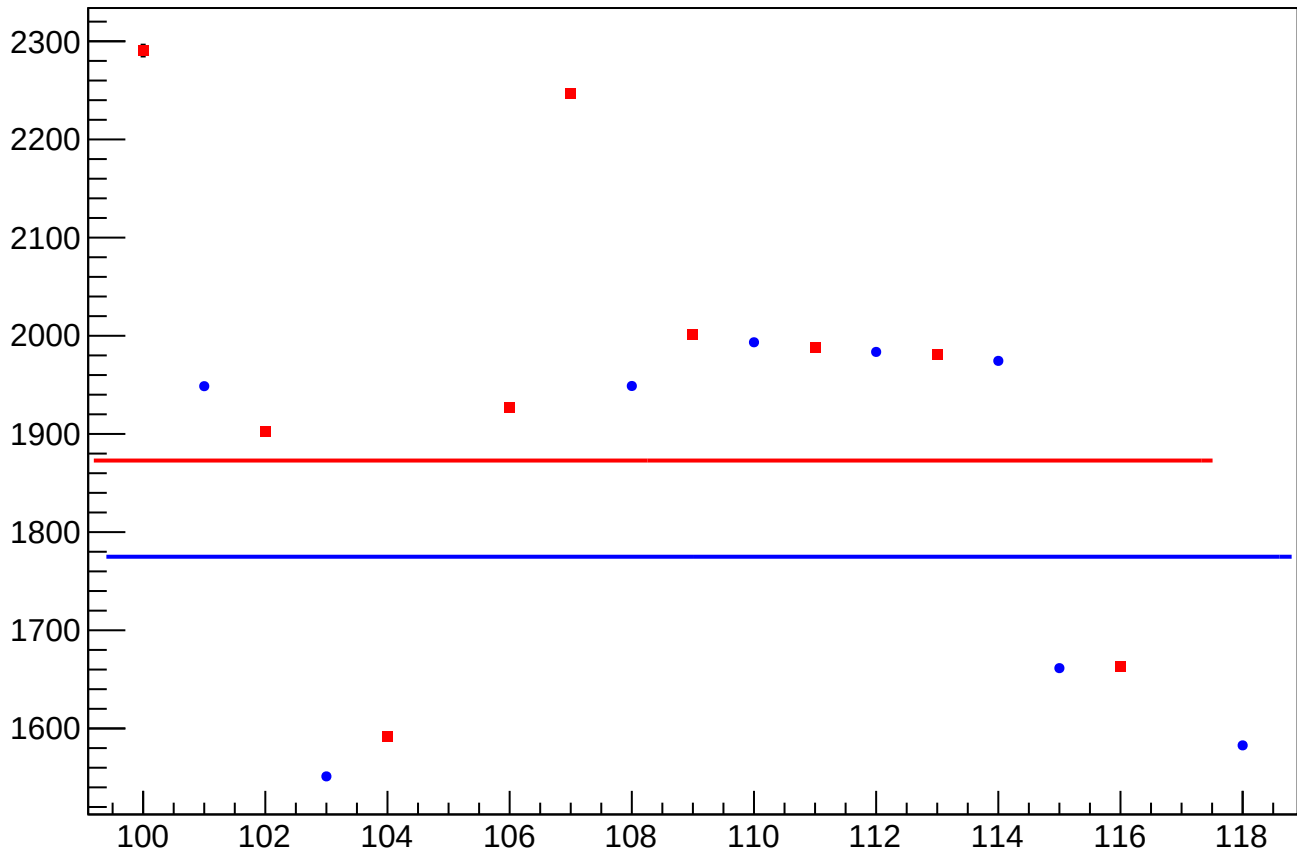
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.106 $\pm$ 709.938 χ^2 /NDF: 17.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1774.932 $\pm$ 0.695 χ^2 /NDF: 80475.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1872.915 $\pm$ 0.718 χ^2 /NDF: 69372.1/8

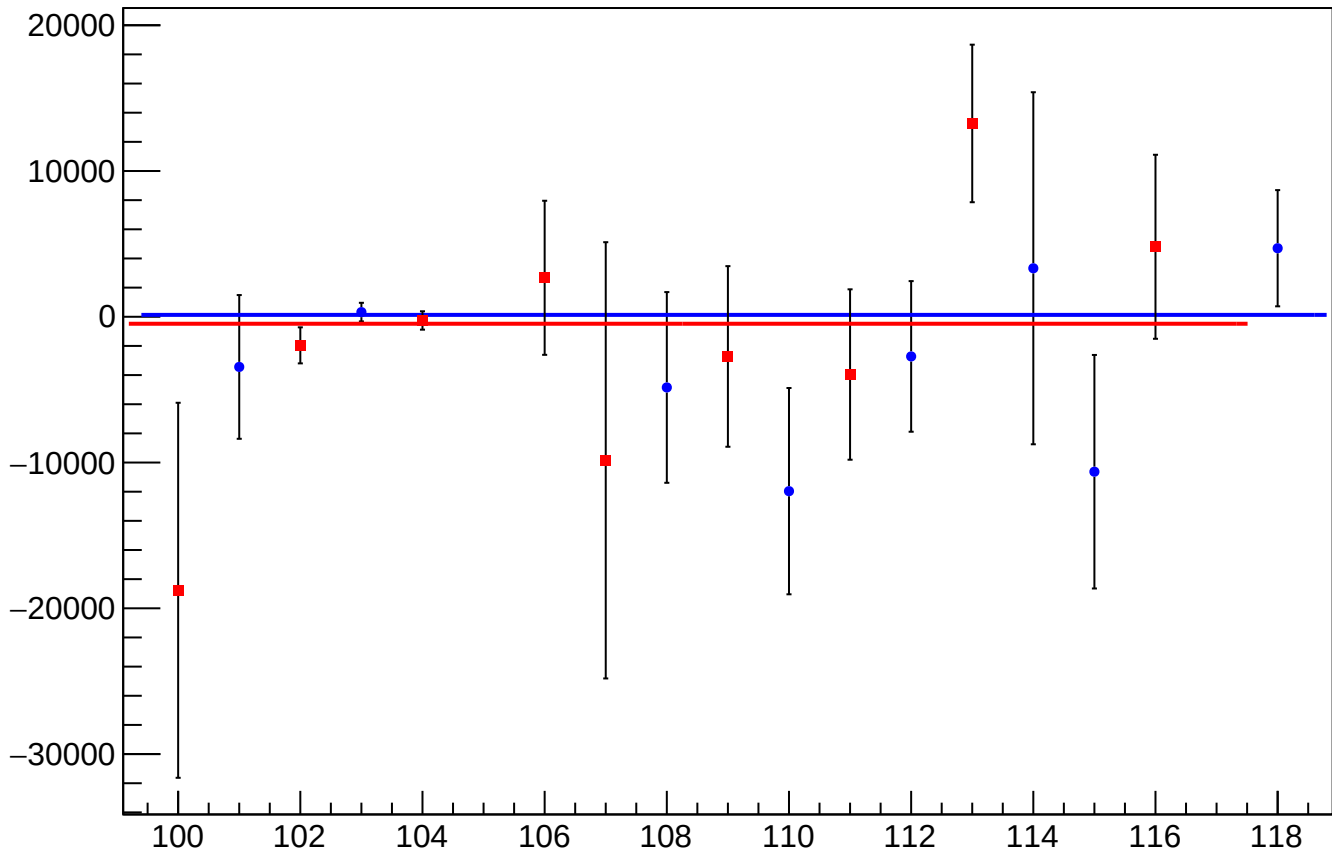
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1822.316 $\pm$ 0.499 χ^2 /NDF: 159460.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



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: -478.677+/-547.610 χ^2/NDF : 12.0/8

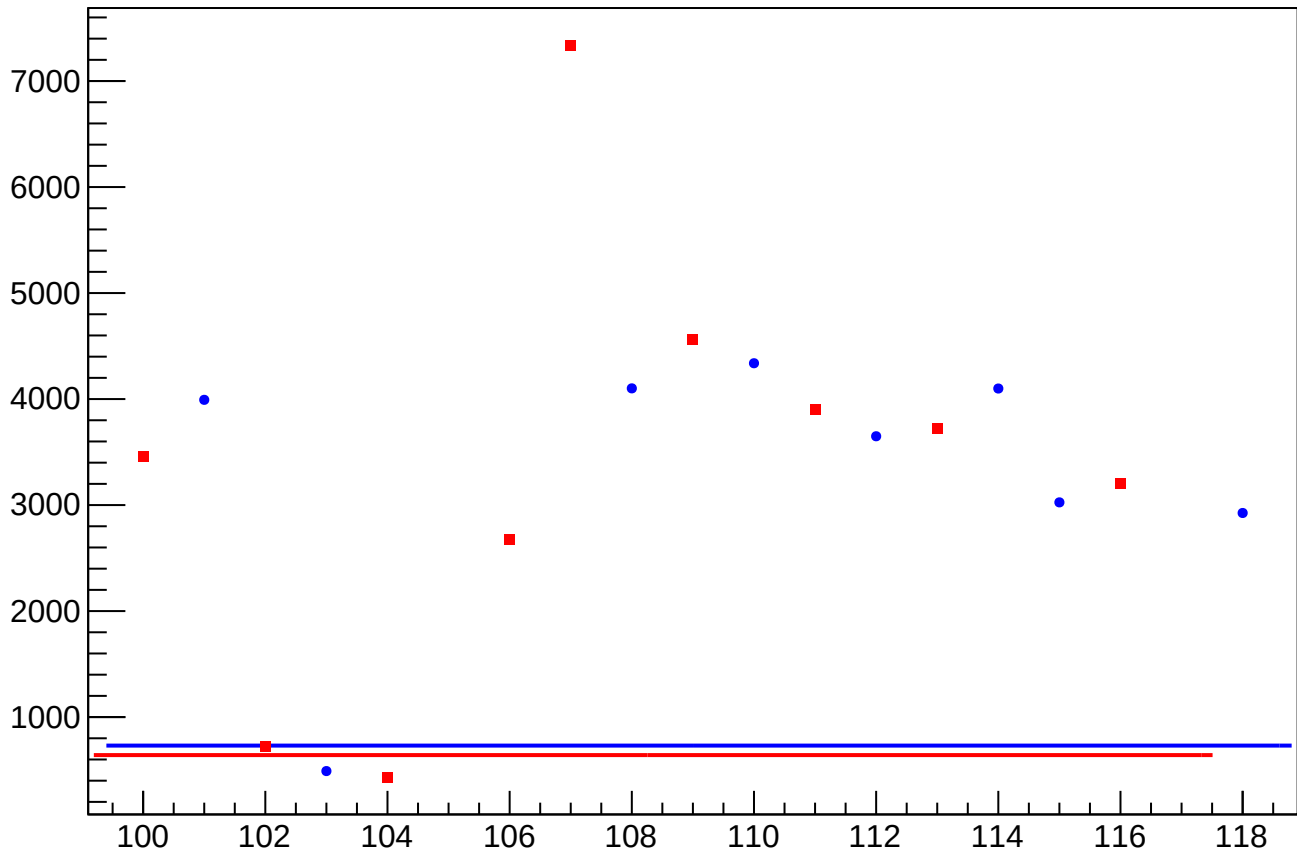
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.256+/-408.174 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



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: 641.449+/-0.387 χ^2/NDF : 3434974.2/8

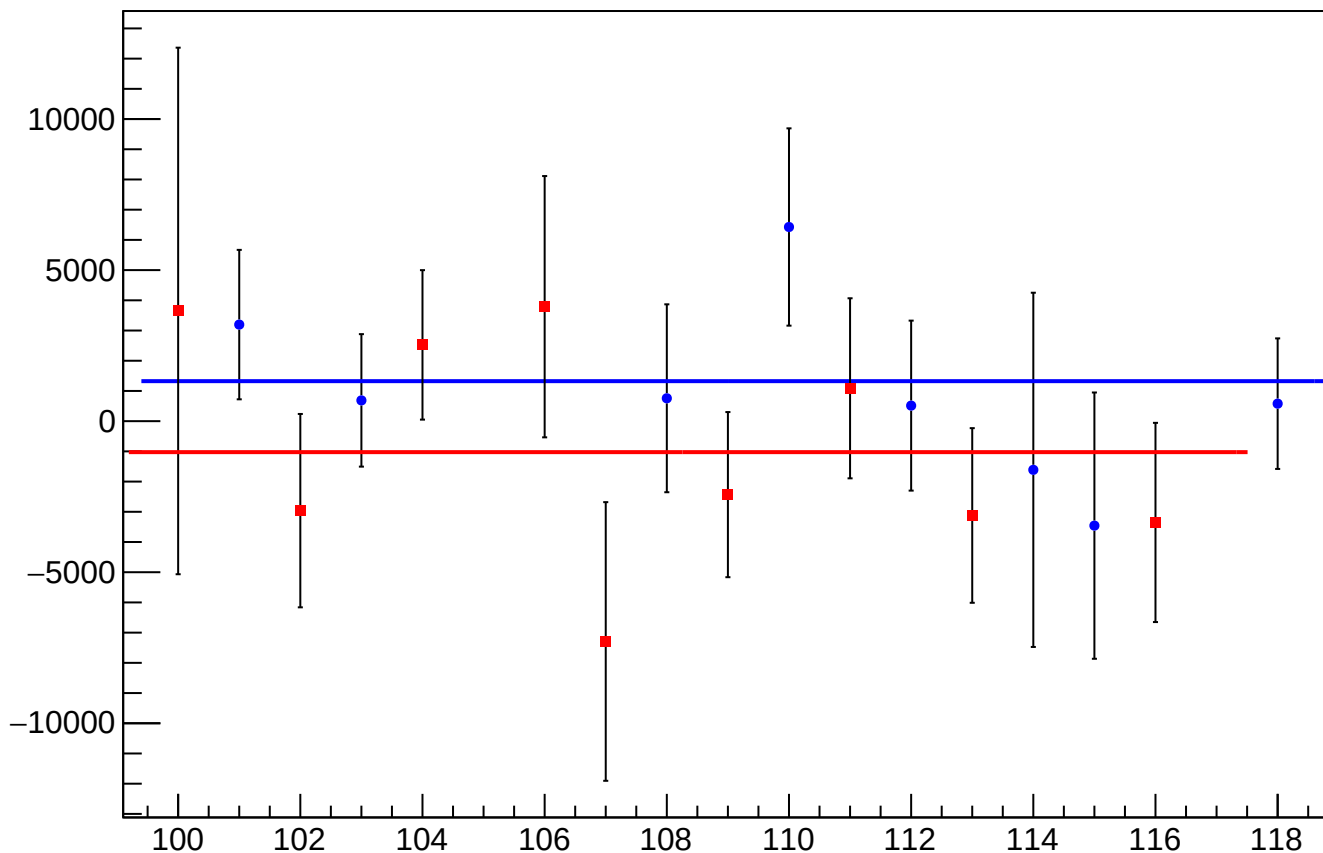
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.284+/-0.289 χ^2/NDF : 7232177.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 1324.316 $\pm$ 1005.165 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1025.343 $\pm$ 1095.733 χ^2 /NDF: 7.6/8

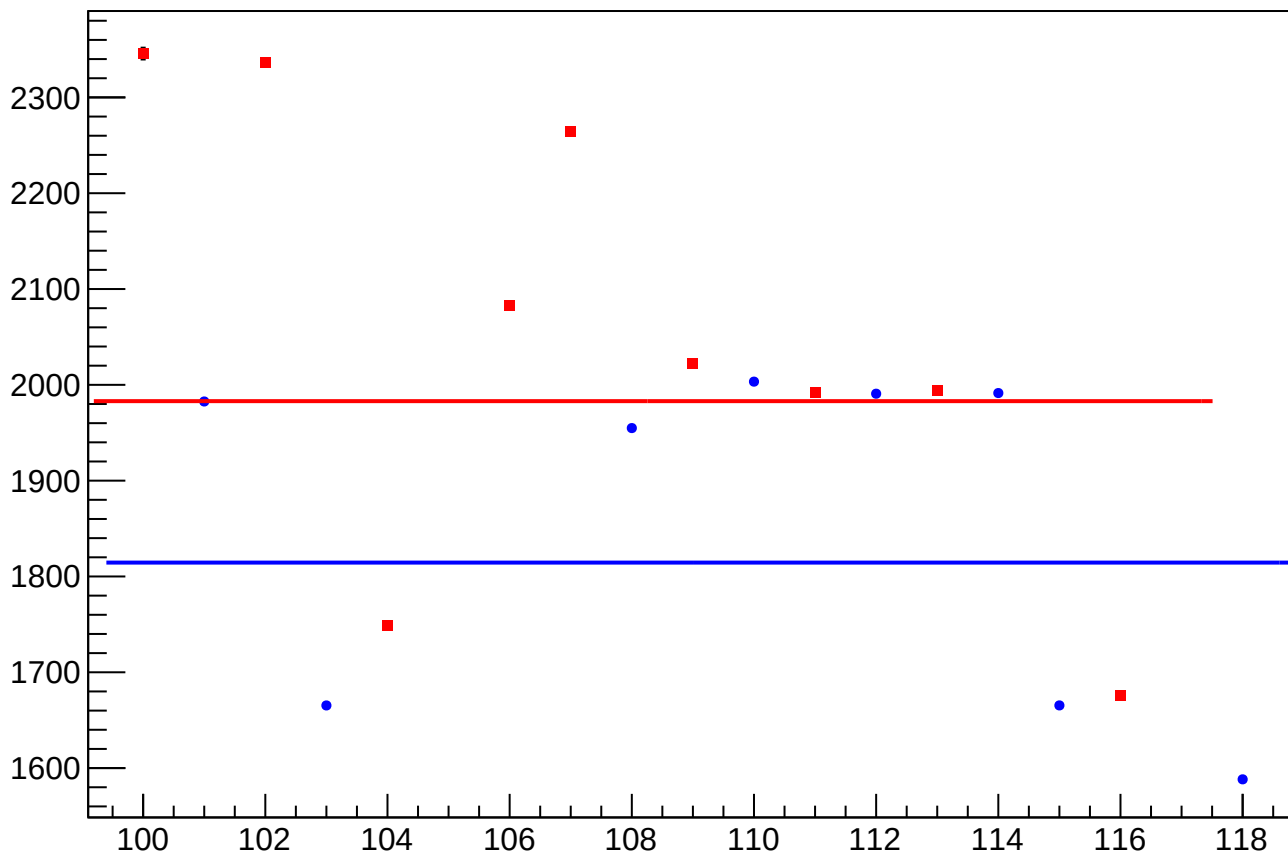
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 250.591 $\pm$ 740.711 χ^2 /NDF: 14.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



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: 1982.987+/-0.770 χ^2/NDF : 72345.5/8

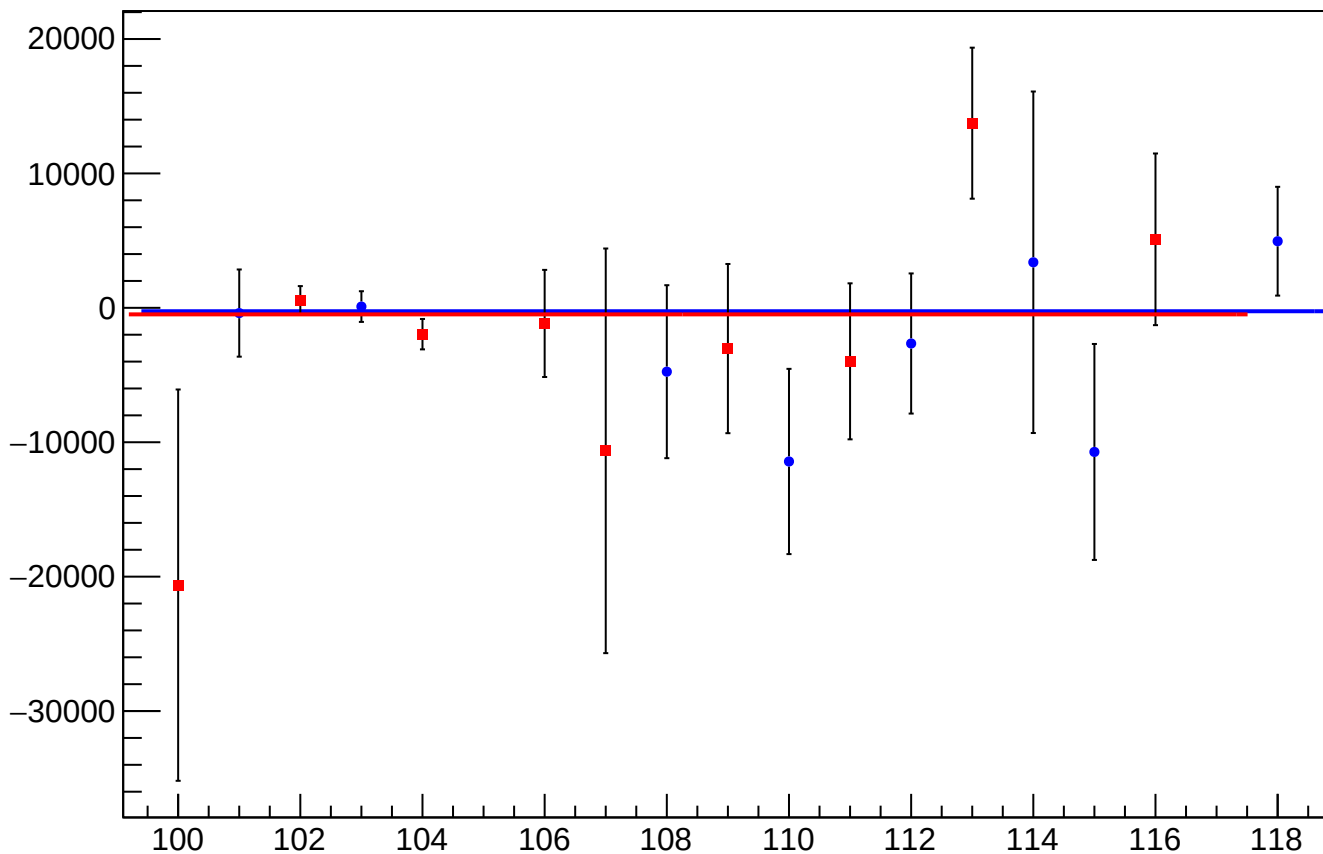
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.007+/-0.522 χ^2/NDF : 161342.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



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: -486.302+/-736.100 χ^2 /NDF: 12.7/8

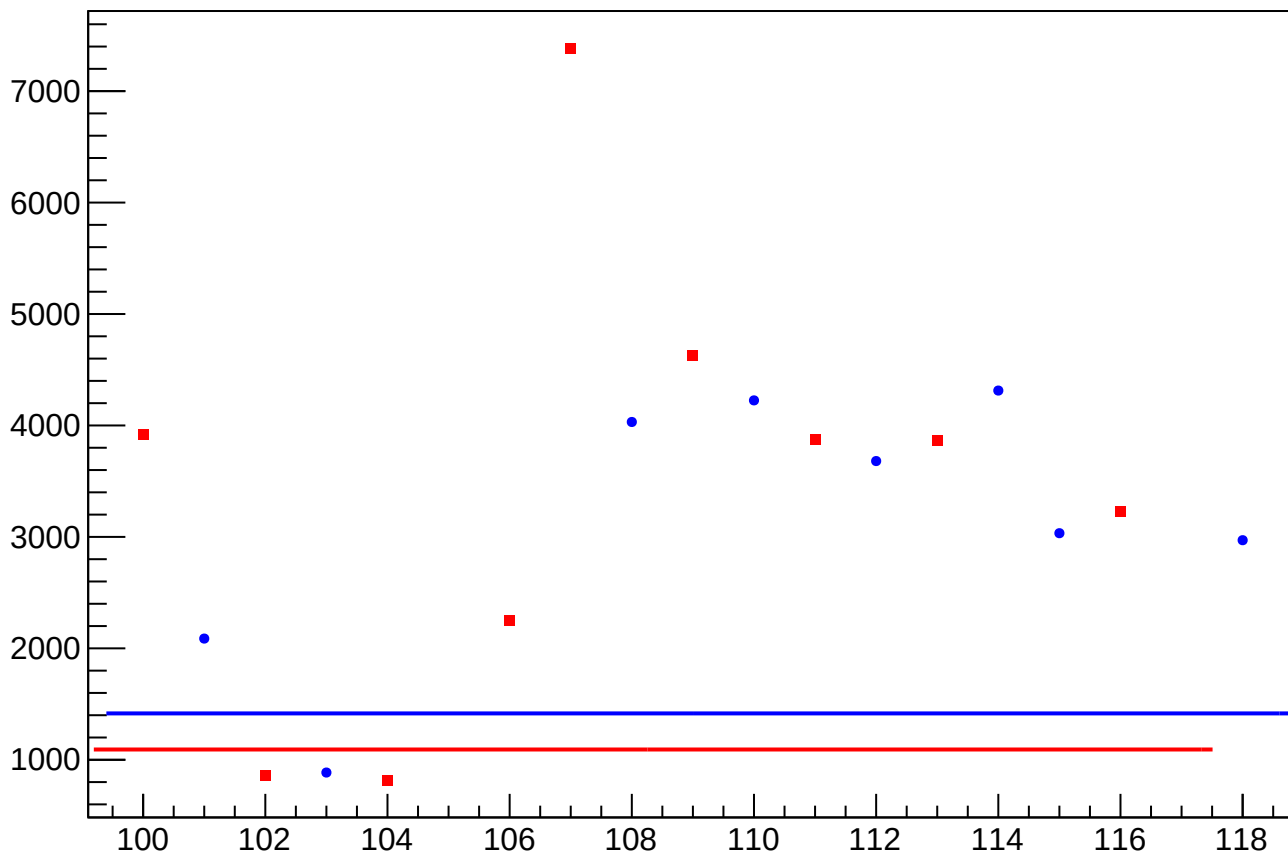
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -403.048+/-589.959 χ^2 /NDF: 19.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



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: 1092.419+/-0.521 χ^2/NDF : 2617619.9/8

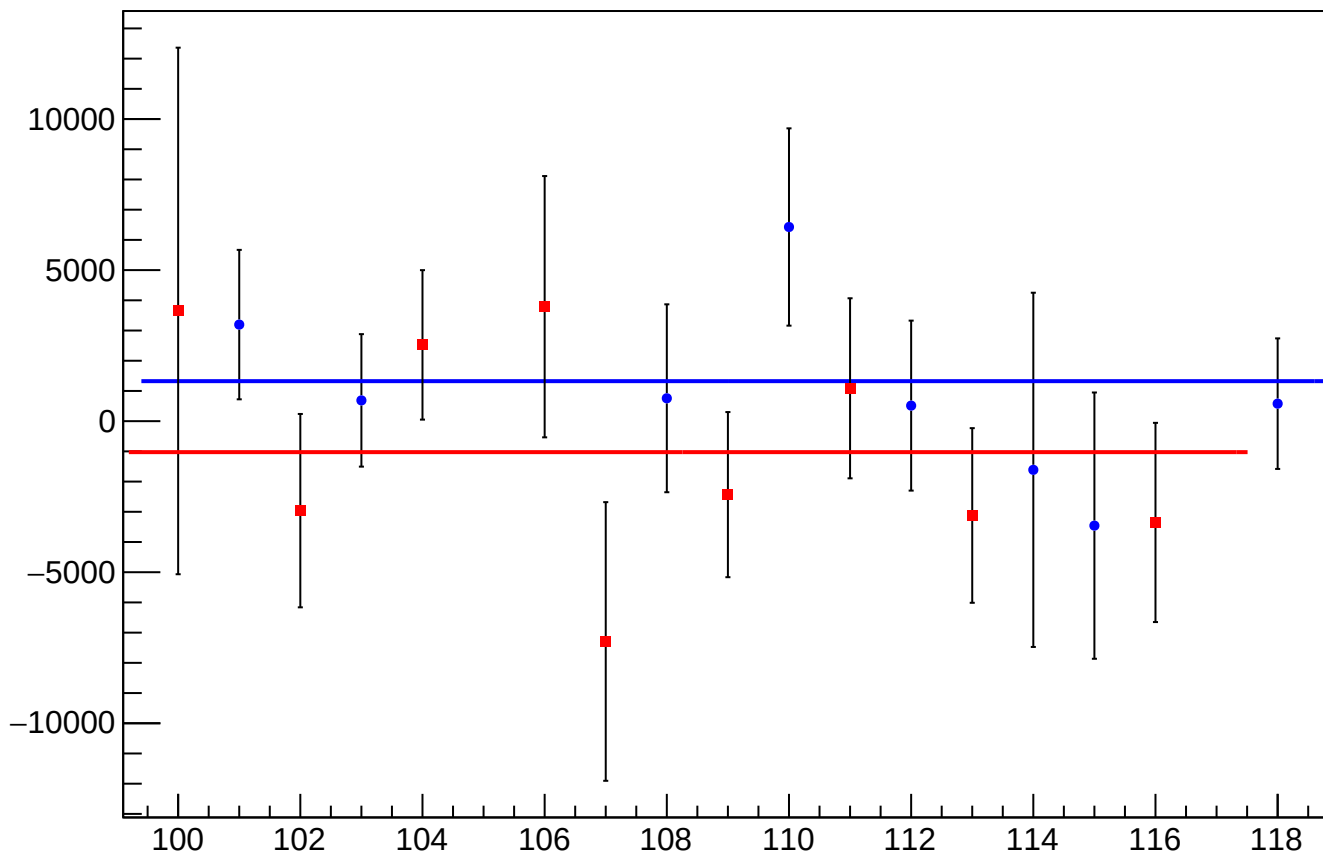
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.247+/-0.417 χ^2/NDF : 4794120.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 1324.319 $\pm$ 1005.164 χ^2/NDF : 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1025.344 $\pm$ 1095.733 χ^2/NDF : 7.6/8

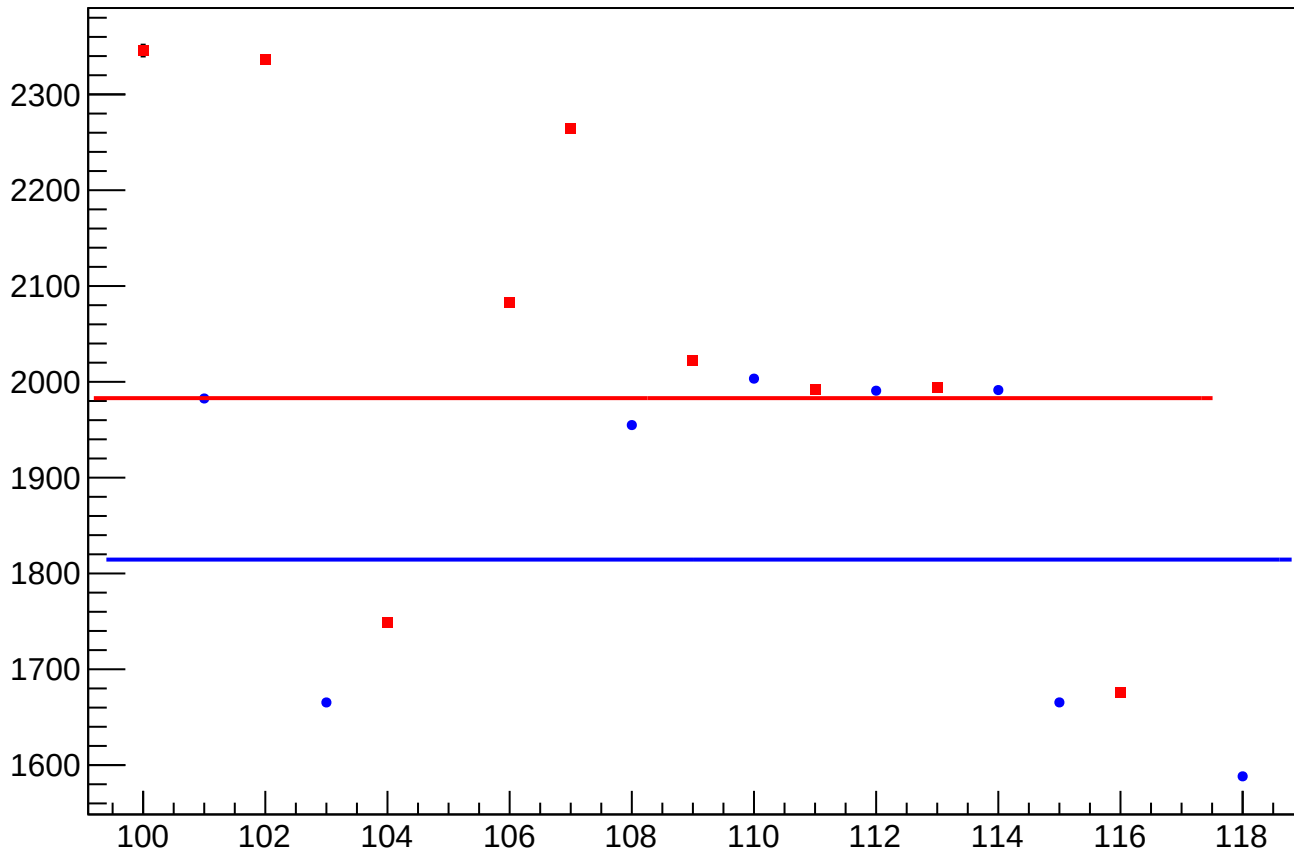
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 250.592 $\pm$ 740.711 χ^2/NDF : 14.9/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



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: 1982.986+/-0.770 χ^2/NDF : 72345.7/8

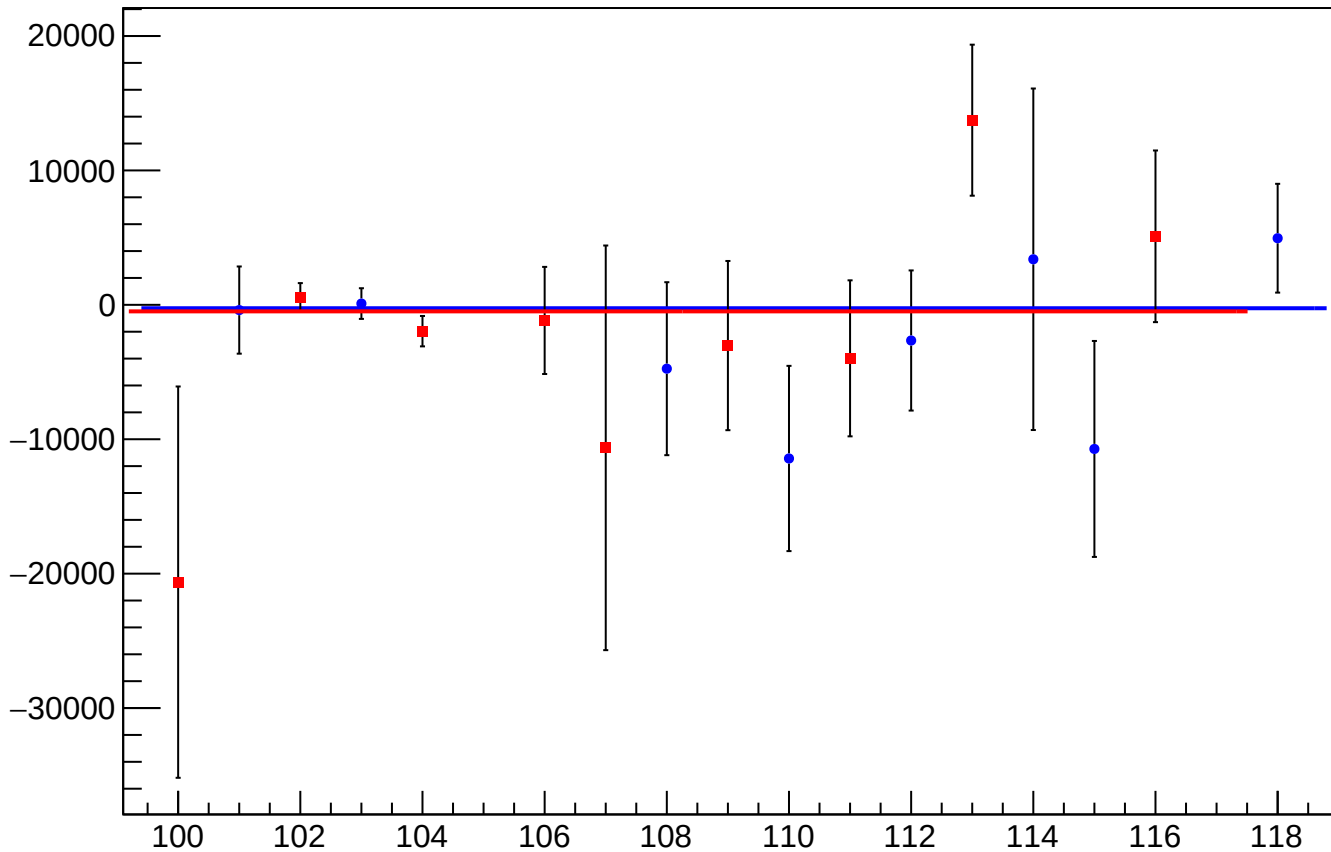
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1892.006+/-0.522 χ^2/NDF : 161342.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



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: -486.300+/-736.094 χ^2/NDF : 12.7/8

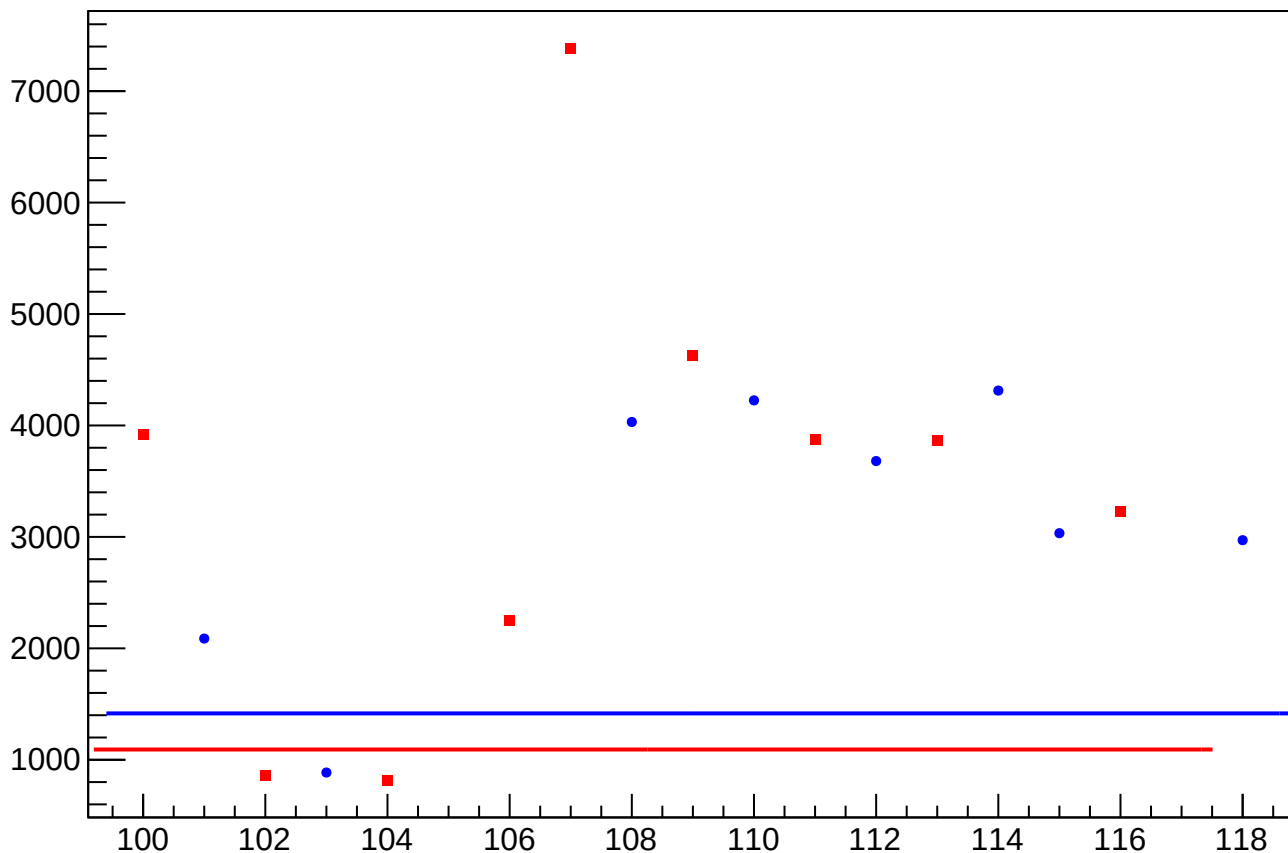
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -403.045+/-589.954 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



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: 1092.408+/-0.520 χ^2/NDF : 2617630.2/8

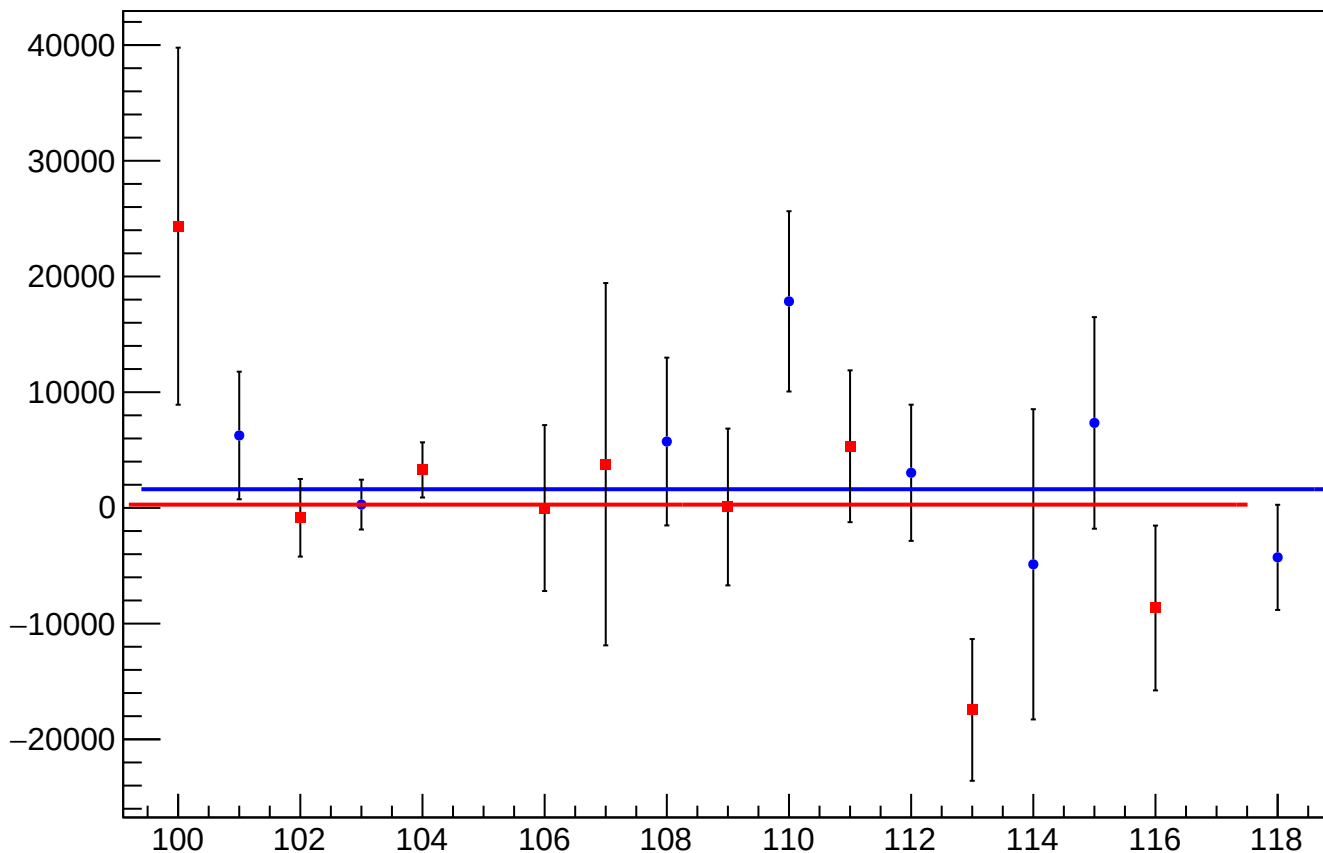
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.236+/-0.417 χ^2/NDF : 4794139.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_mean vs Slug



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: 282.861+/-1613.870 χ^2/NDF : 14.7/8

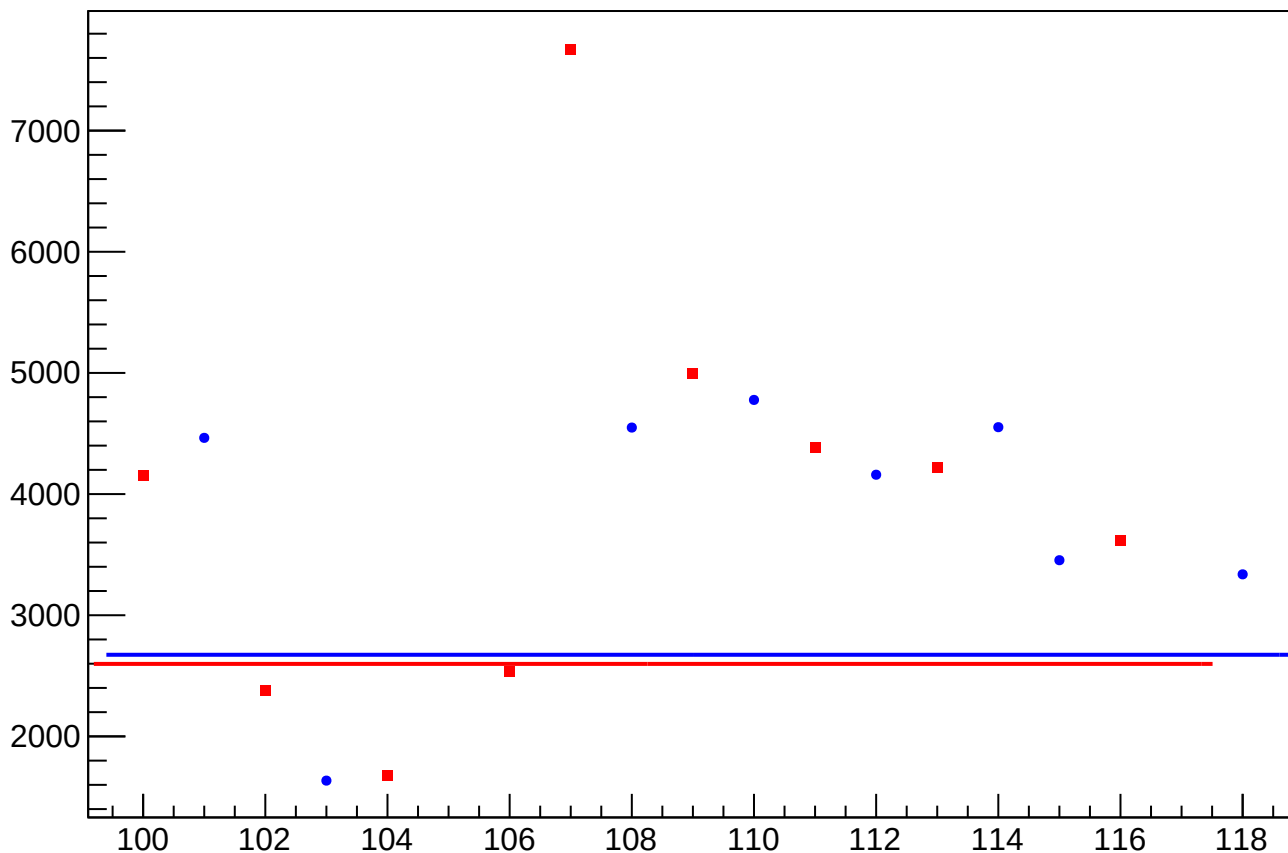
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 944.508+/-1144.914 χ^2/NDF : 23.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



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: 2598.309+/-1.112 χ^2/NDF : 1120119.4/8

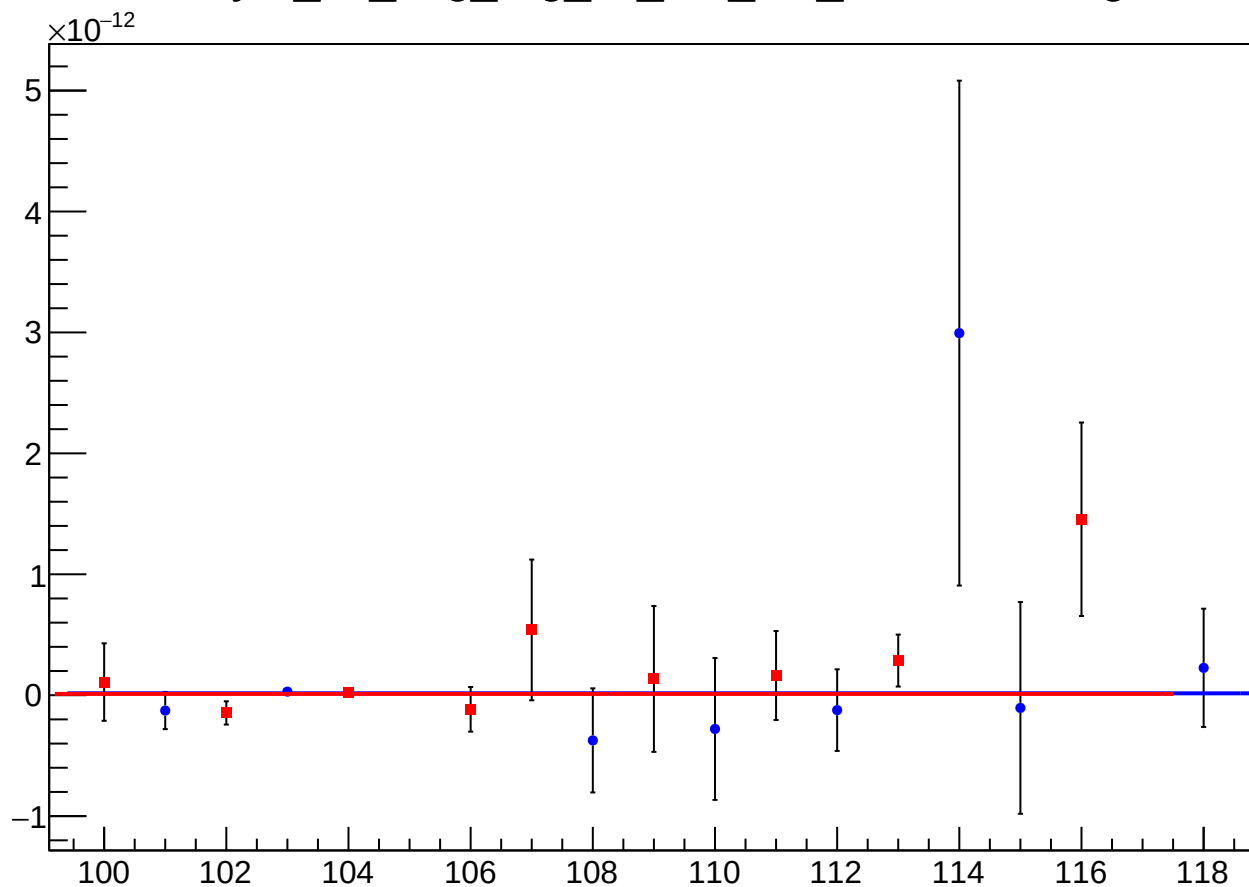
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2634.772+/-0.799 χ^2/NDF : 2302326.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_vs_cor_diff_mean vs Slug



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 : 9.3/8

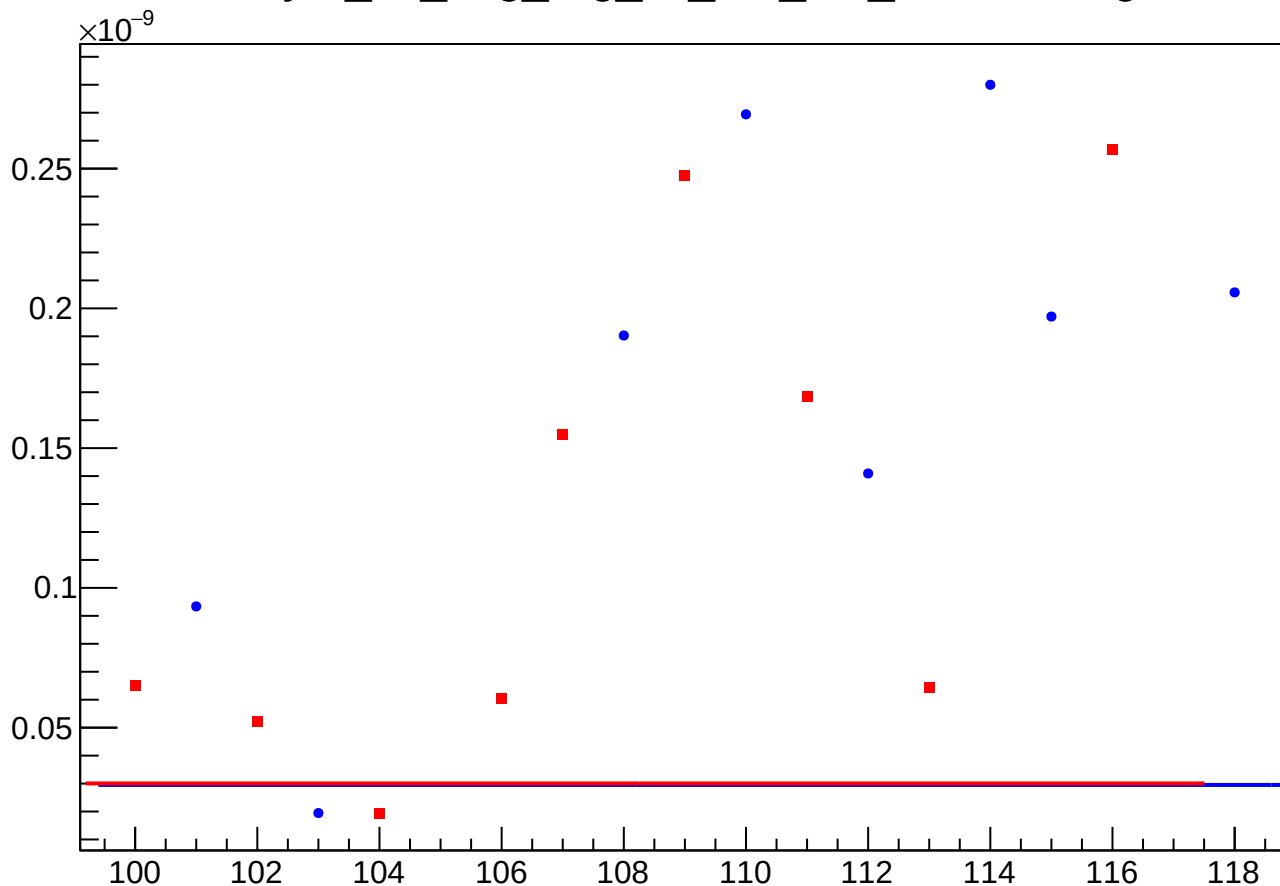
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_vs_cor_diff_rms vs Slug



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: 1177428.3/8

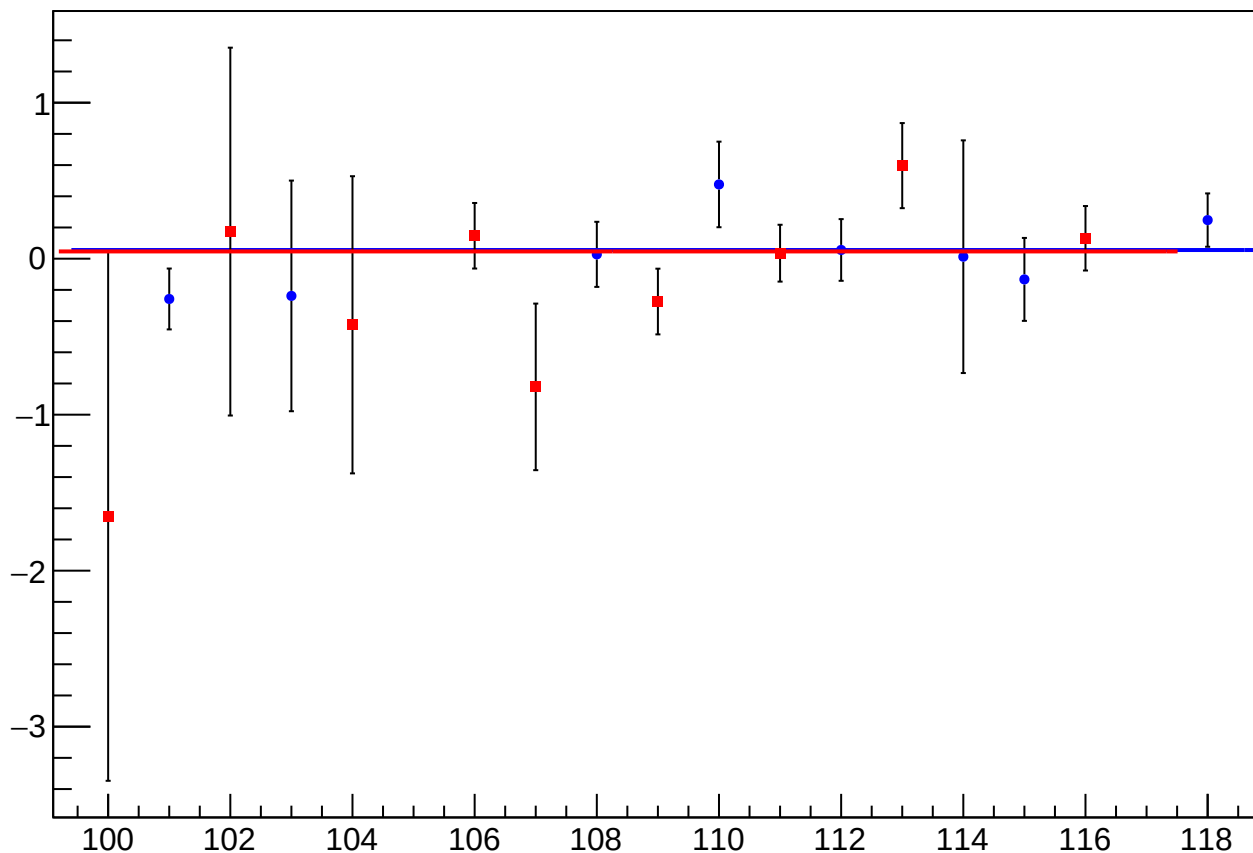
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 2841560.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



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: 0.047 $\pm$ 0.092 χ^2 /NDF: 10.7/8

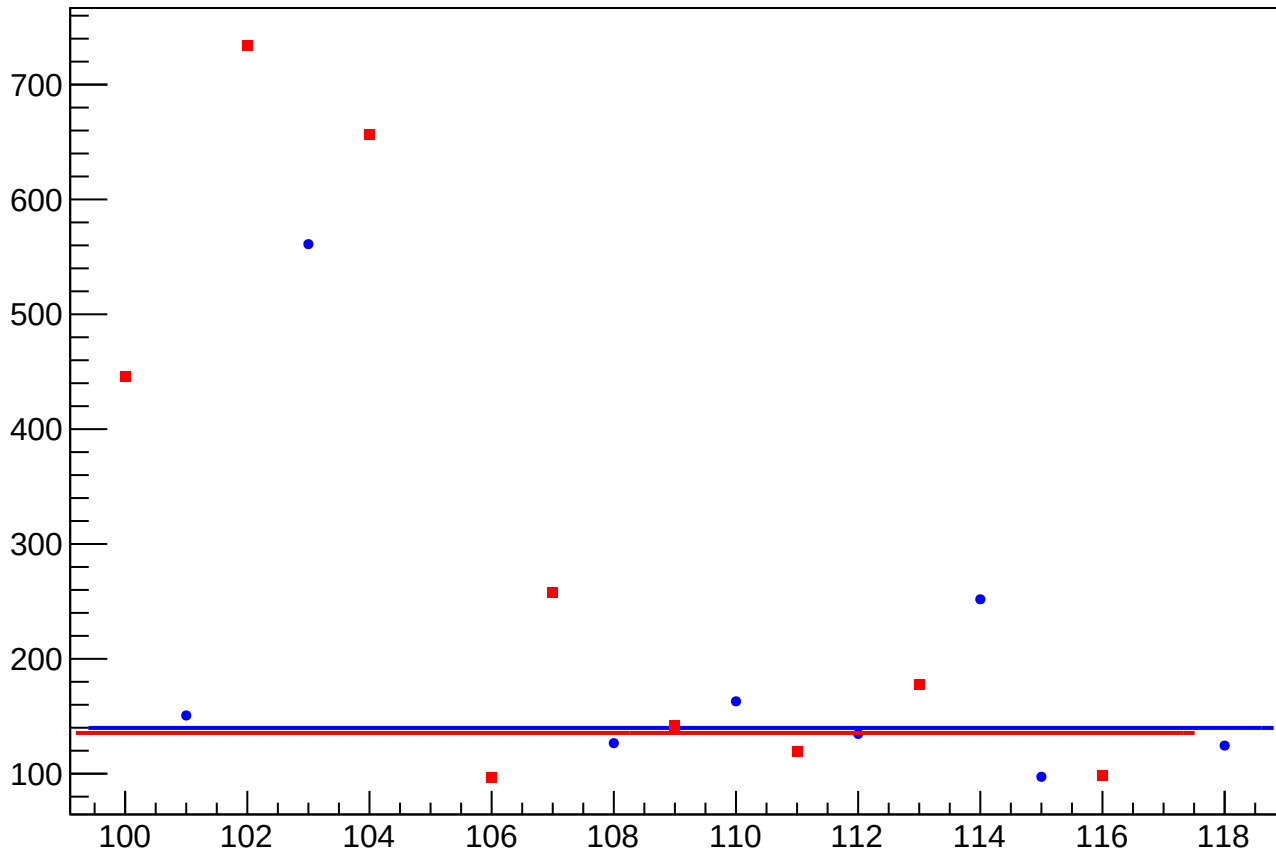
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.062 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 139.841 $\pm$ 0.060 χ^2 /NDF: 791764.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.454 $\pm$ 0.065 χ^2 /NDF: 1484783.1/8

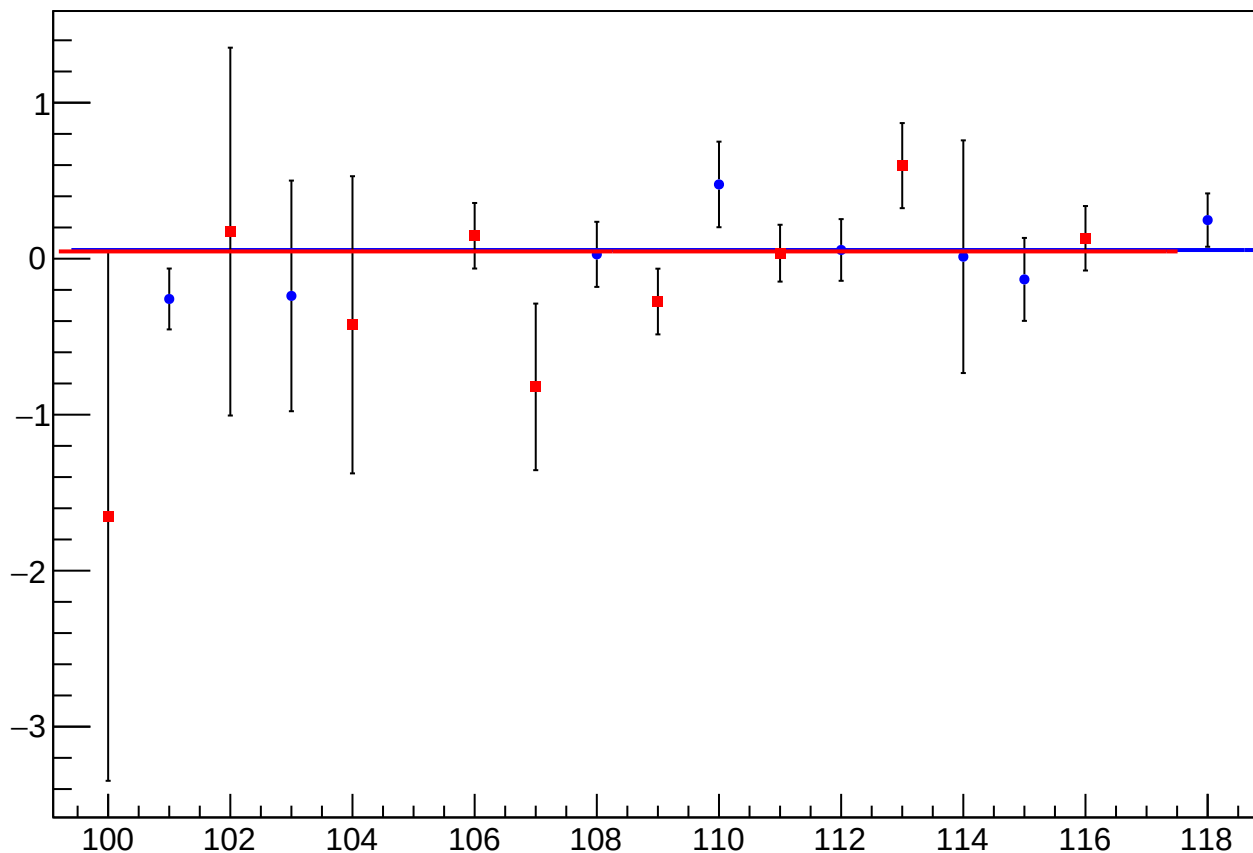
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.837 $\pm$ 0.044 χ^2 /NDF: 2279010.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.047 $\pm$ 0.092 χ^2 /NDF: 10.7/8

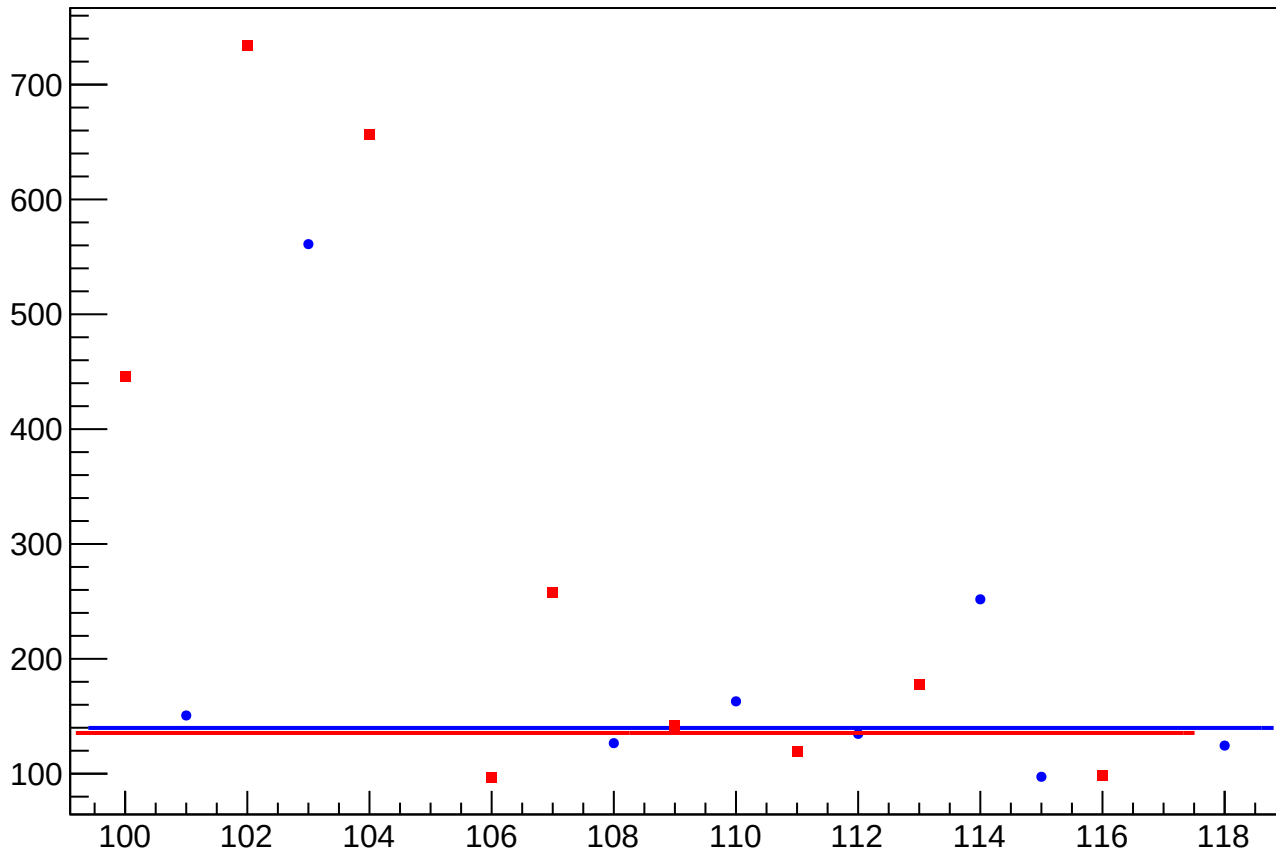
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.062 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 139.841 $\pm$ 0.060 χ^2 /NDF: 791764.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

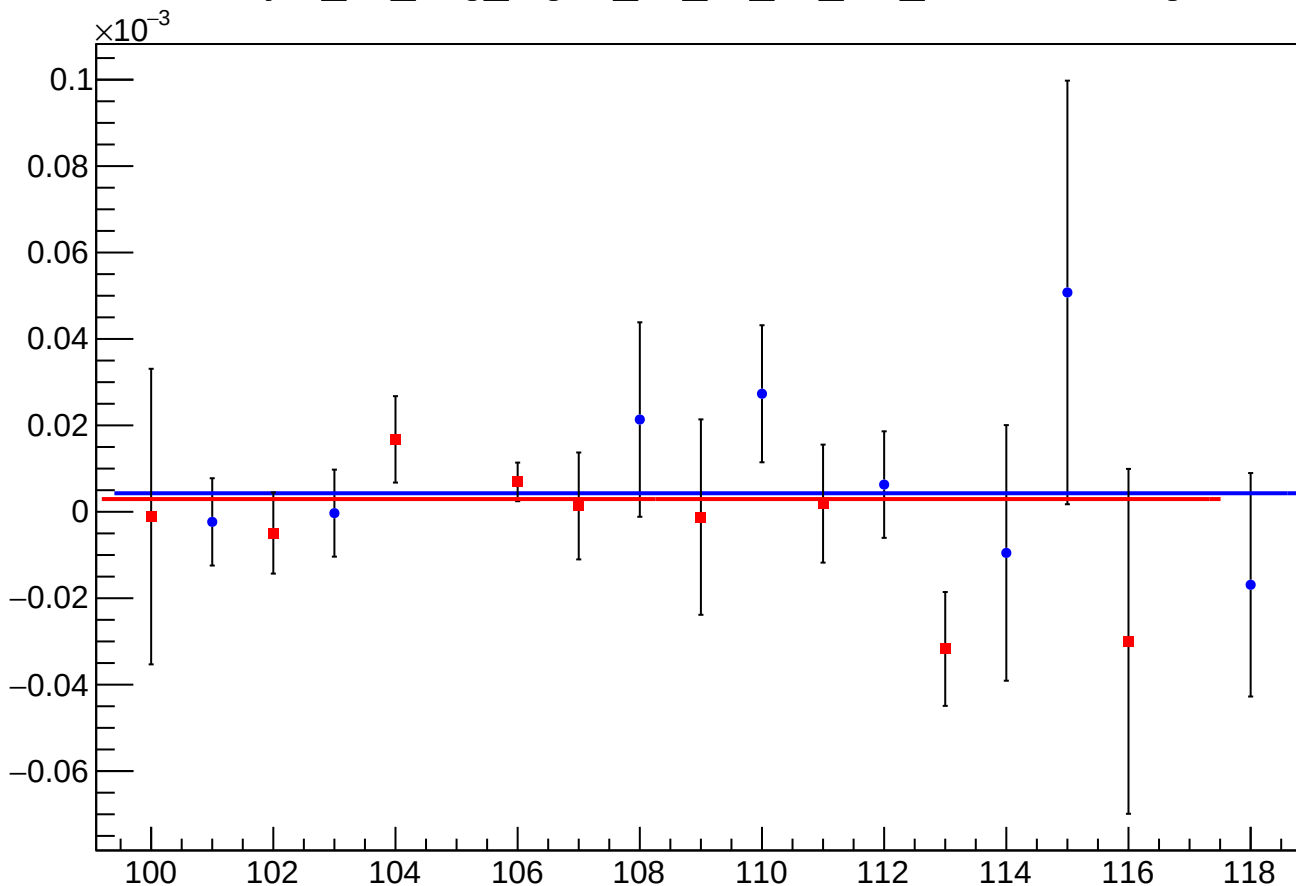
Right Out: 135.454 $\pm$ 0.065 χ^2 /NDF: 1484783.1/8

All: 137.837 $\pm$ 0.044 χ^2 /NDF: 2279010.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 11.1/8

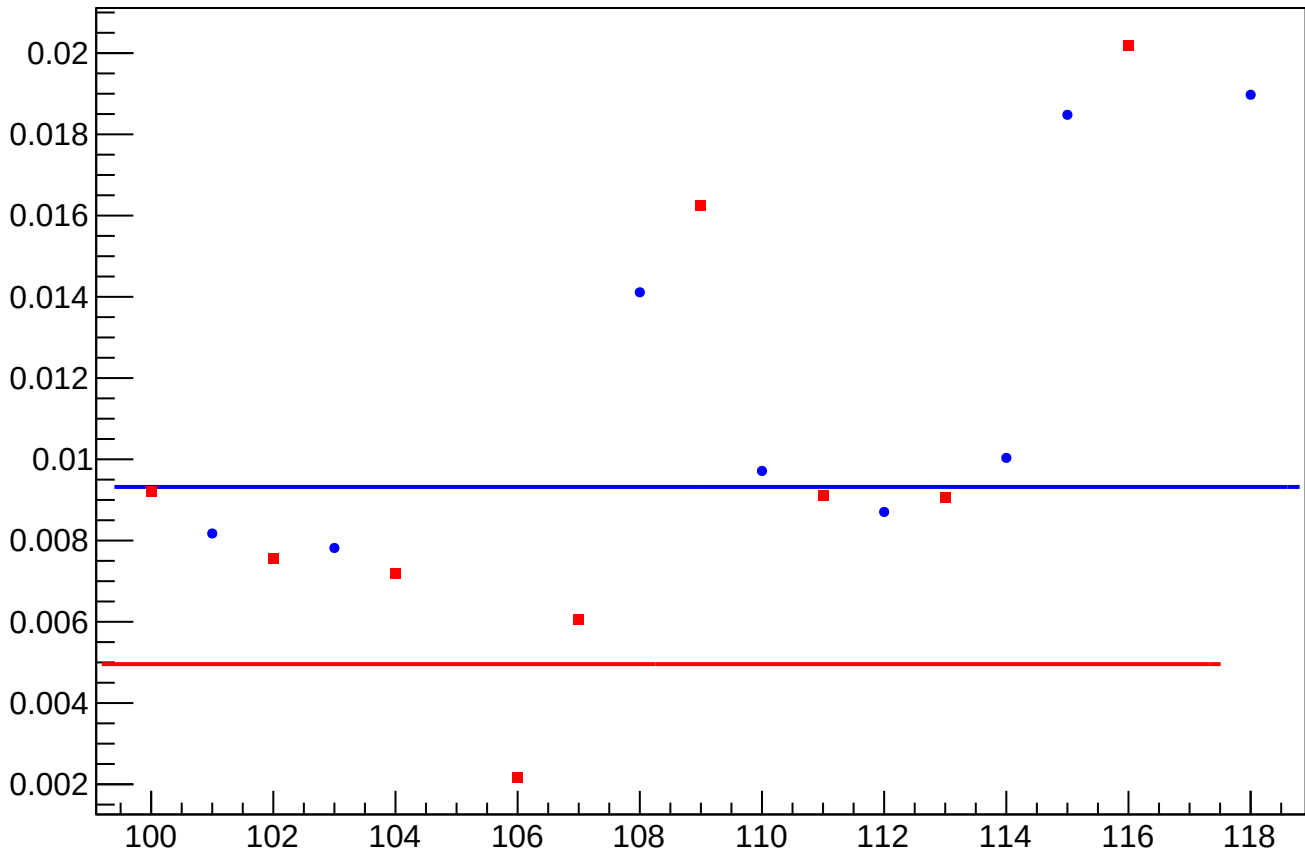
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2253649.0/8

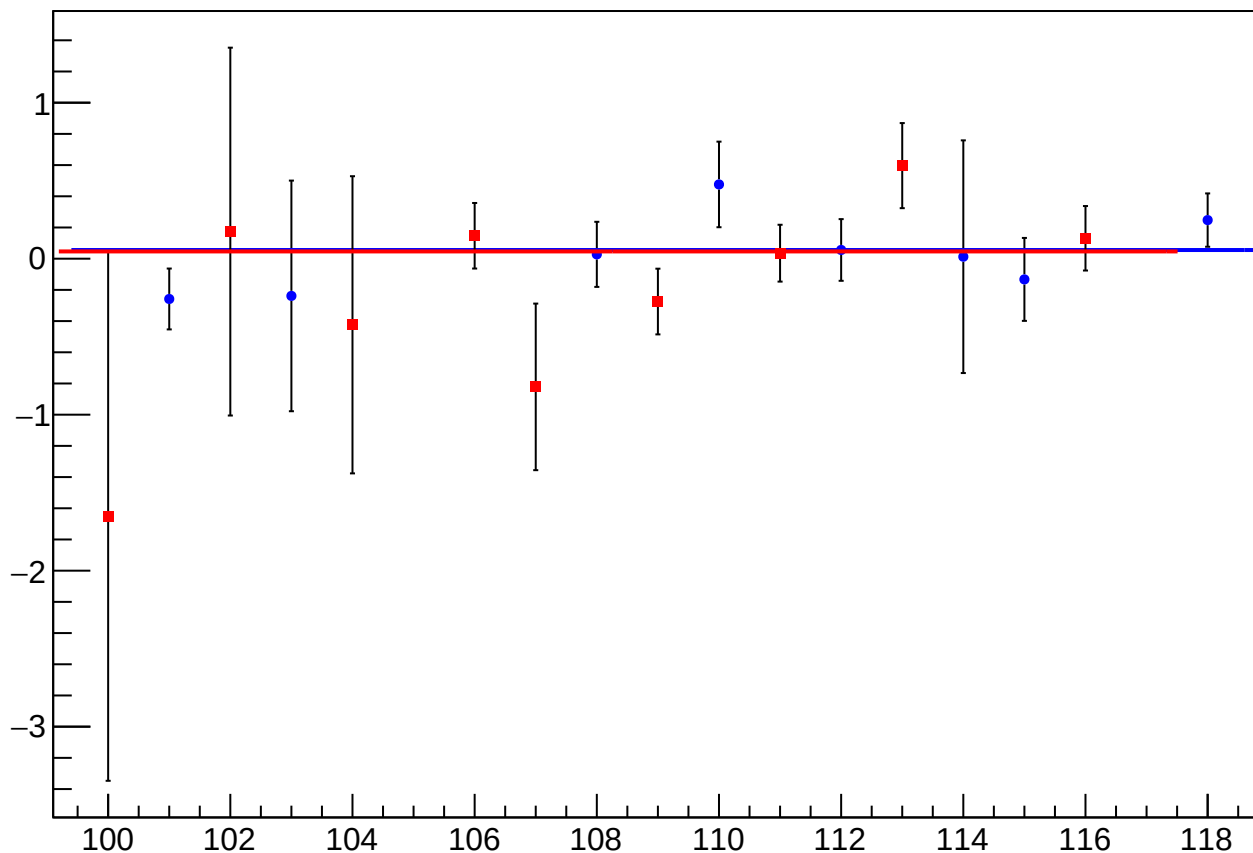
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3742473.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.047 $\pm$ 0.092 χ^2 /NDF: 10.7/8

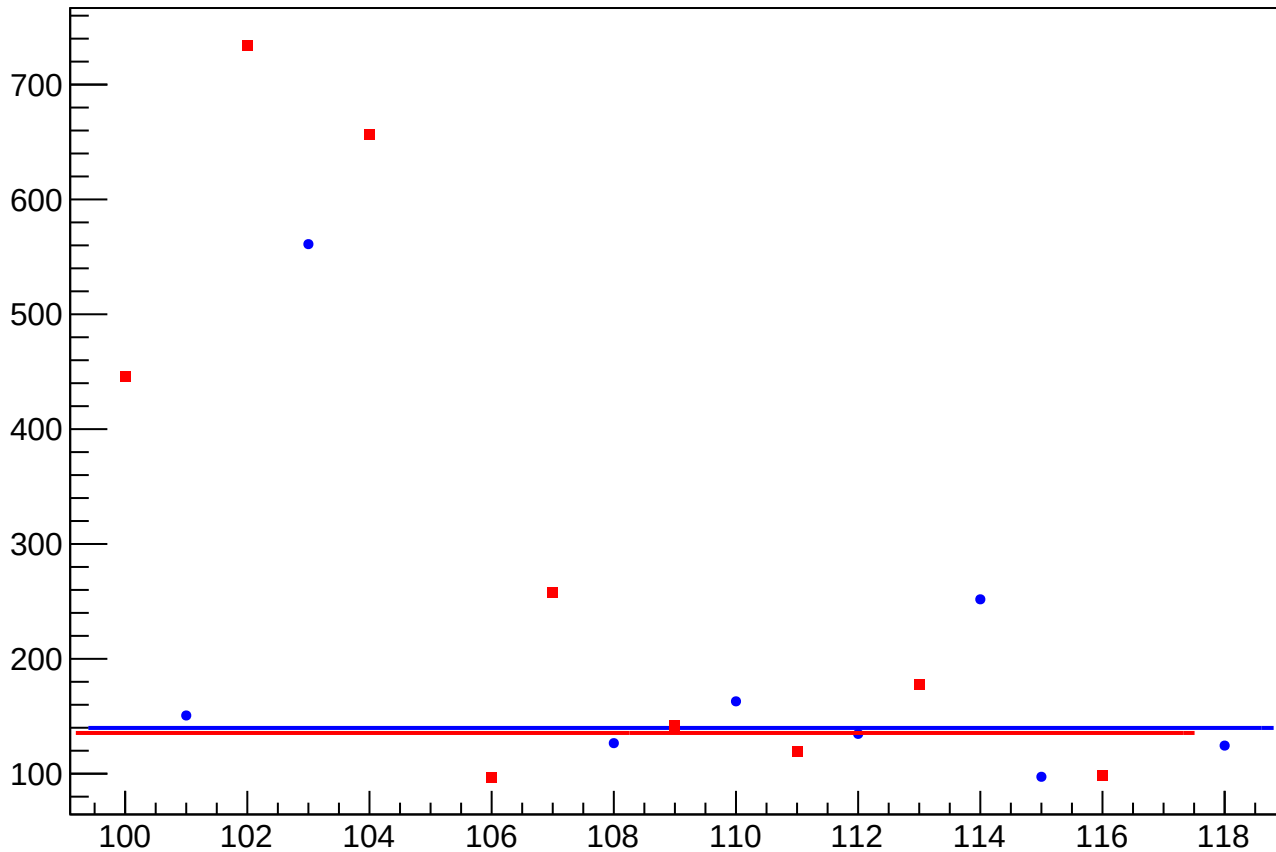
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.062 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 139.840 $\pm$ 0.060 χ^2 /NDF: 791763.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.457 $\pm$ 0.065 χ^2 /NDF: 1484738.7/8

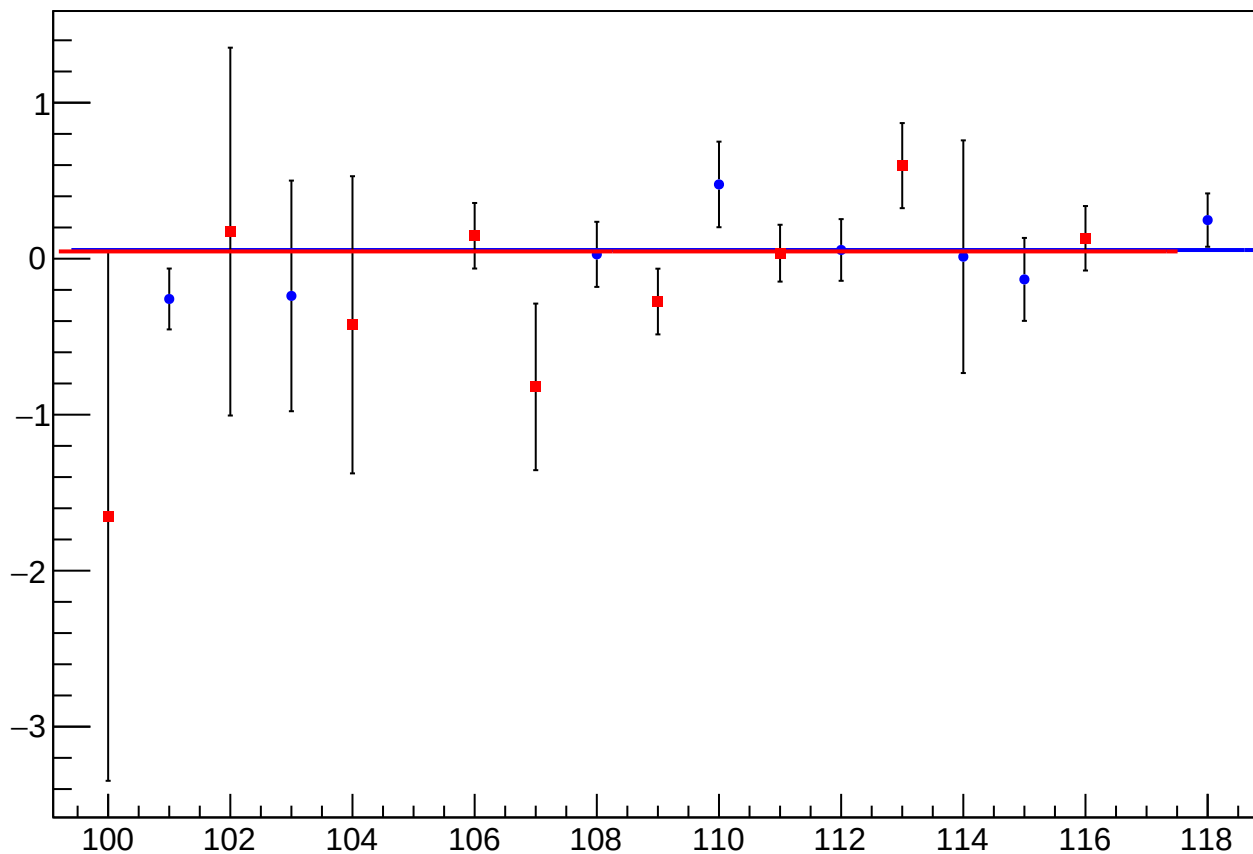
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.838 $\pm$ 0.044 χ^2 /NDF: 2278962.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.047 $\pm$ 0.092 χ^2 /NDF: 10.7/8

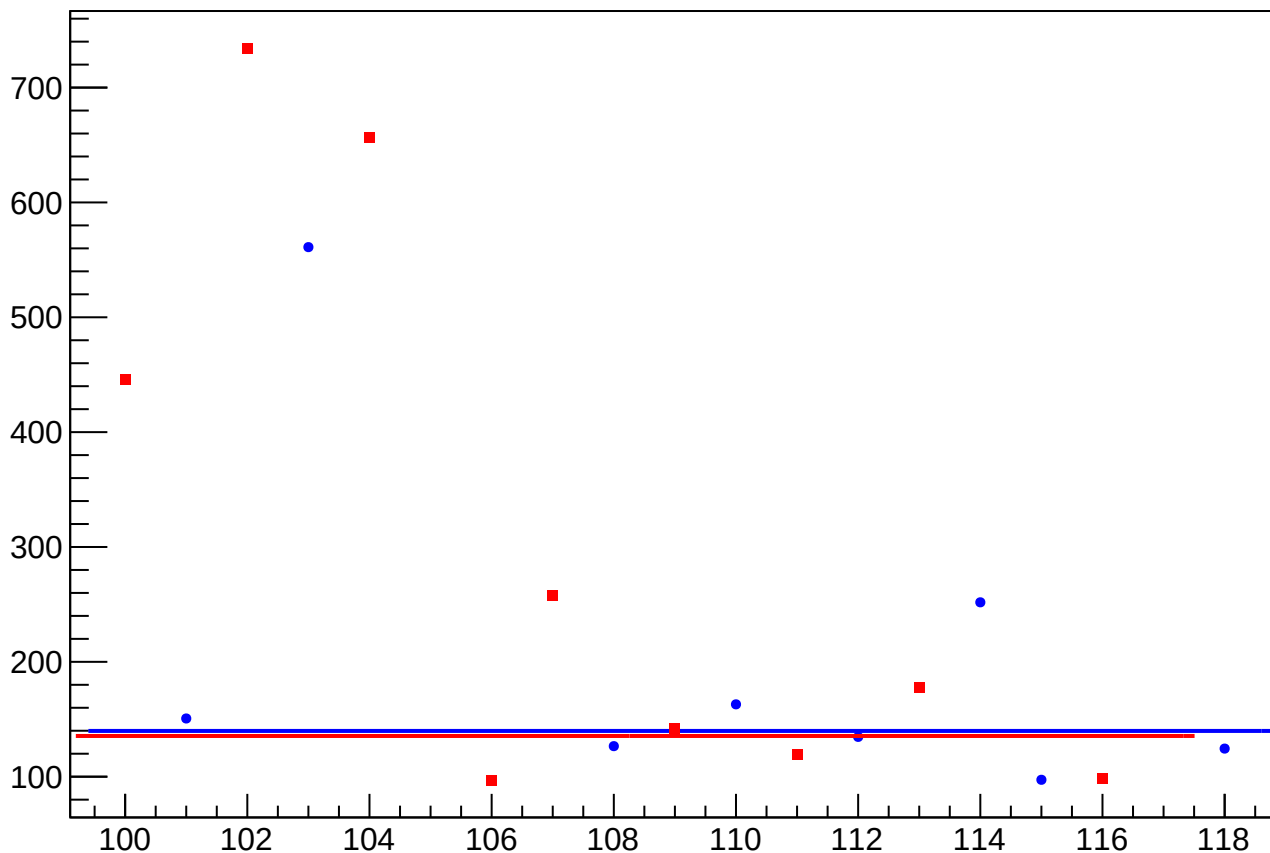
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.062 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 139.840 $\pm$ 0.060 χ^2 /NDF: 791763.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.457 $\pm$ 0.065 χ^2 /NDF: 1484738.7/8

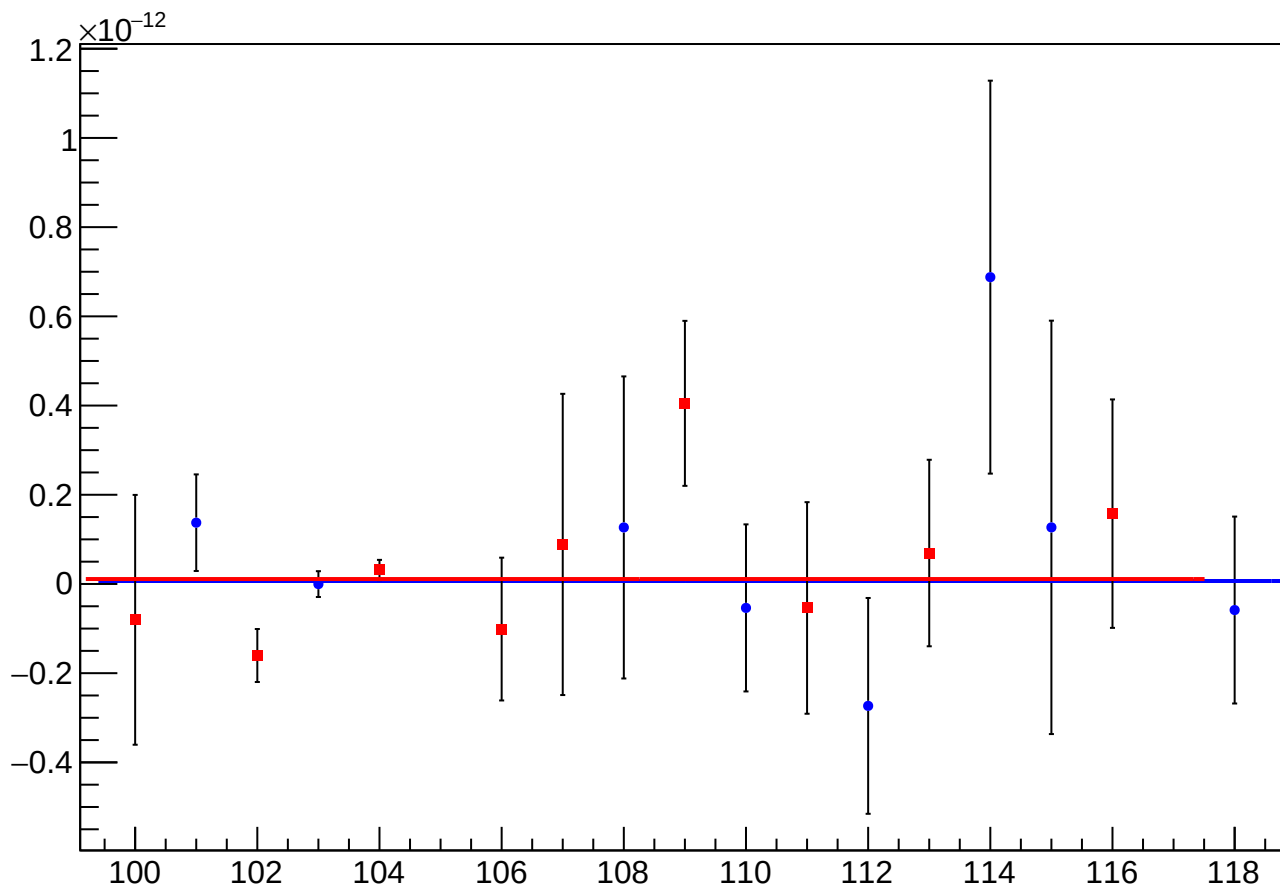
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.838 $\pm$ 0.044 χ^2 /NDF: 2278962.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/8

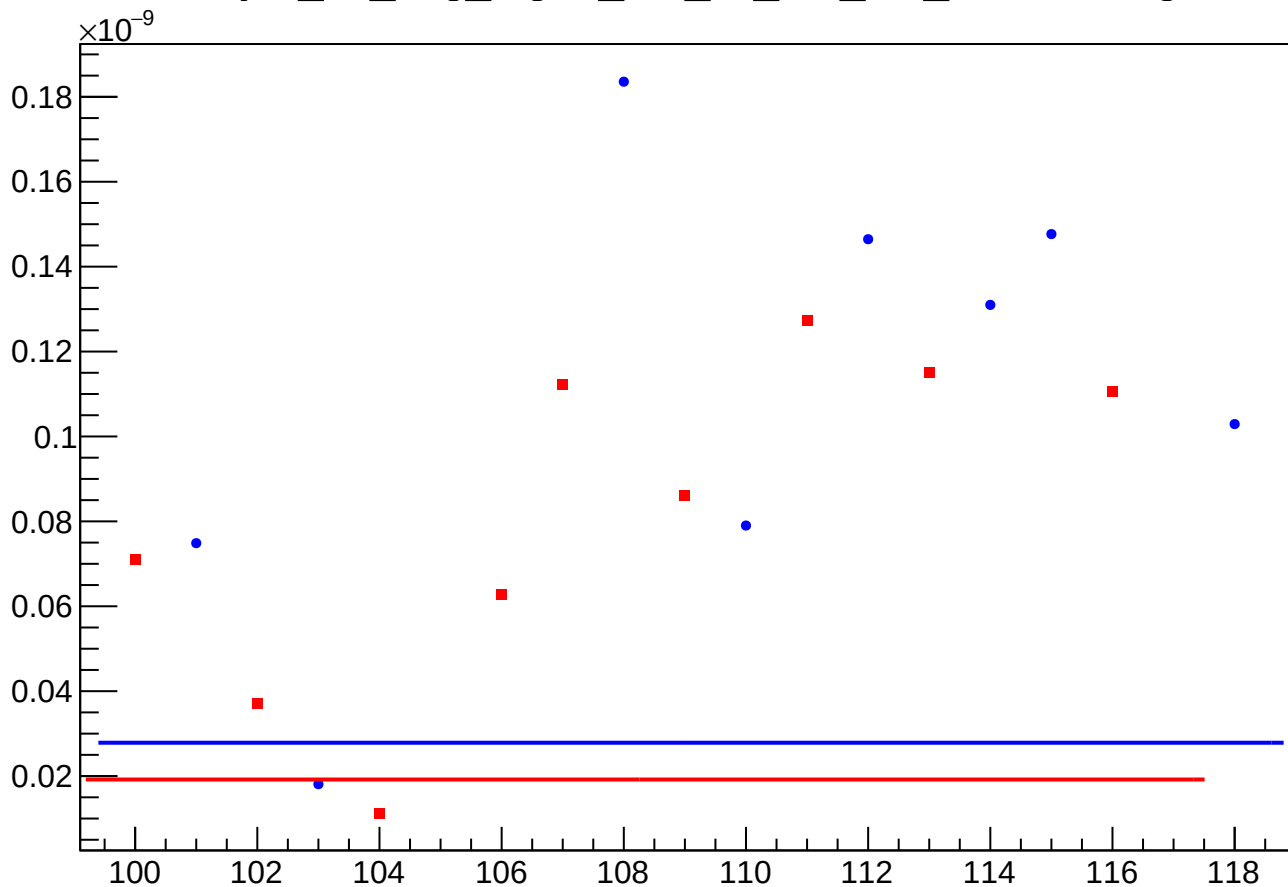
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 2154200.5/8

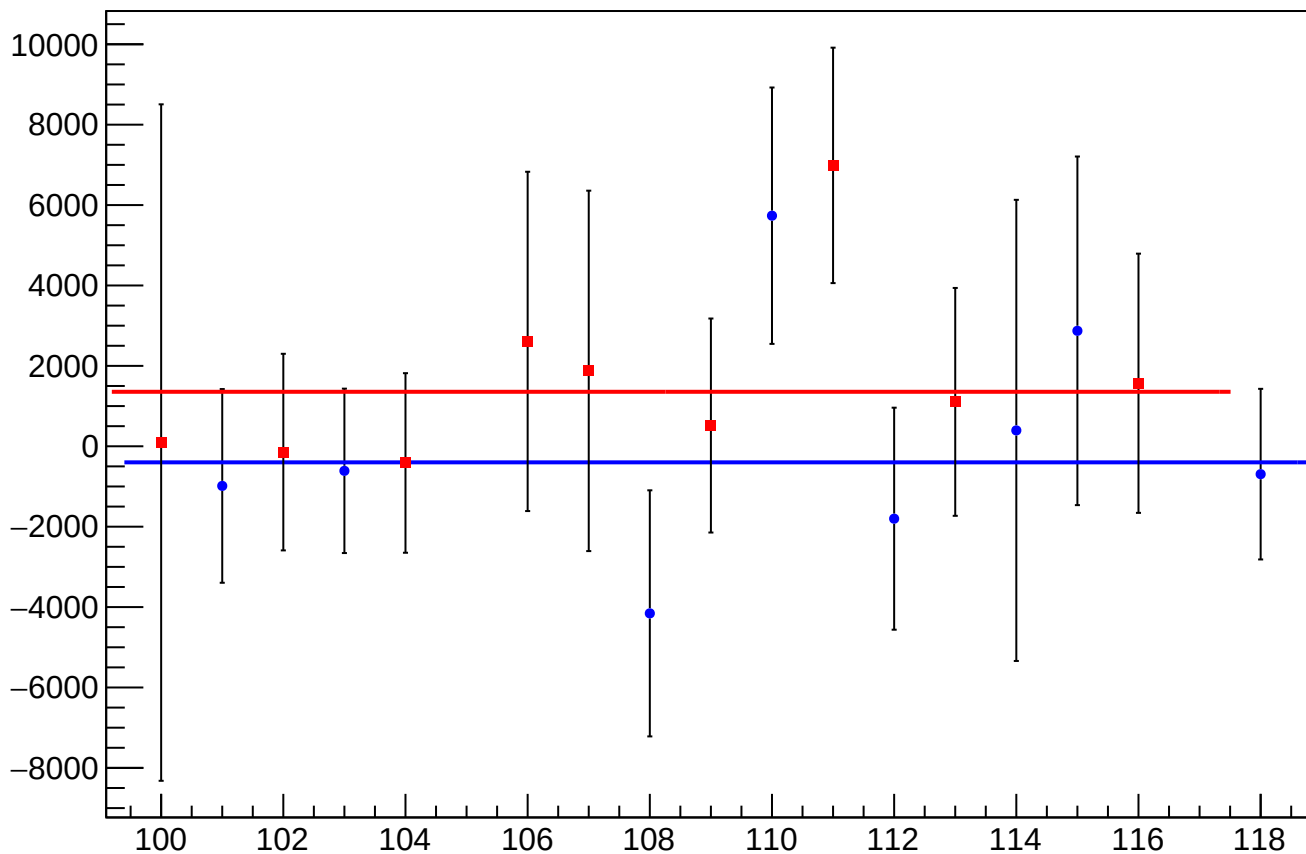
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4441729.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



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: 1355.574+/-1017.320 χ^2/NDF : 4.9/8

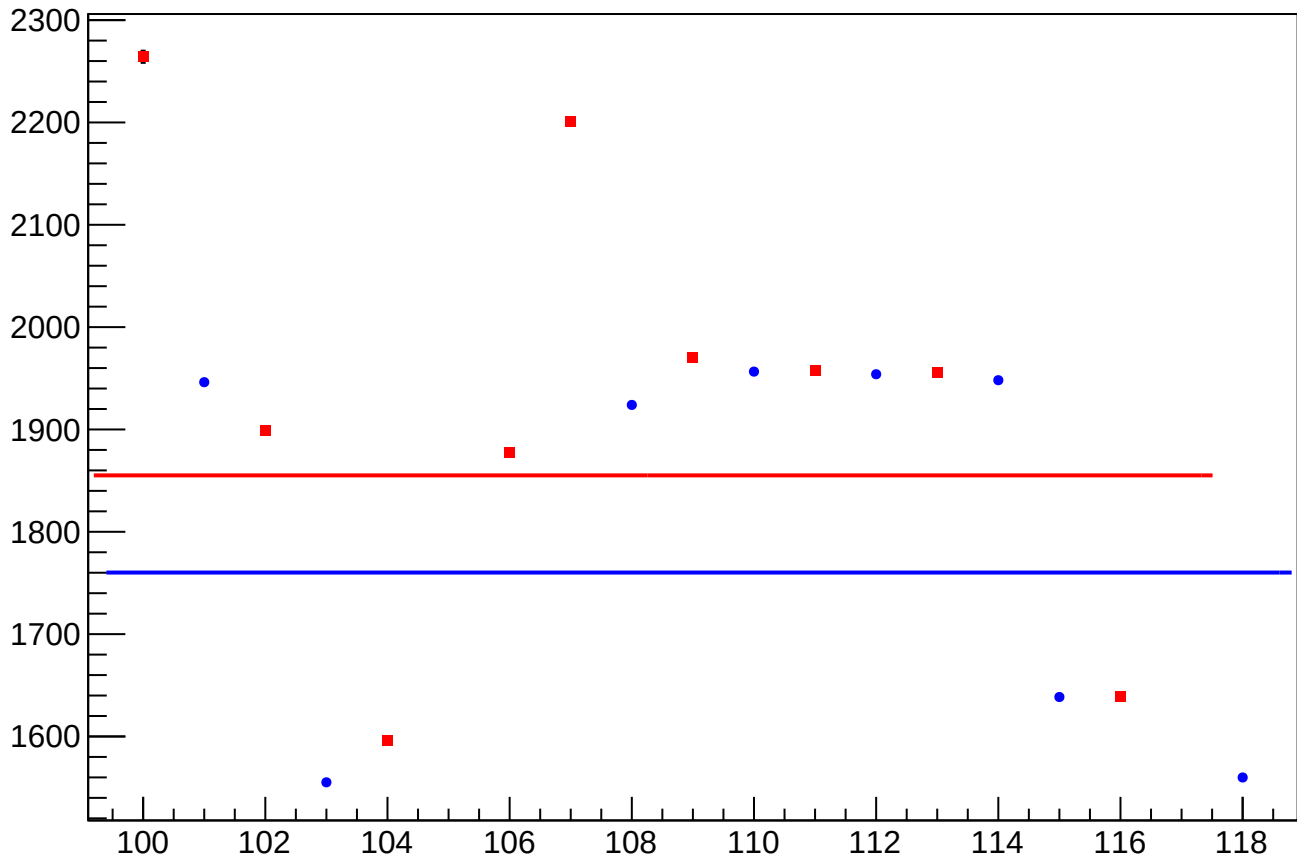
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.105+/-703.666 χ^2/NDF : 12.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_rms vs Slug



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: 1855.137+/-0.711 χ^2/NDF : 61965.4/8

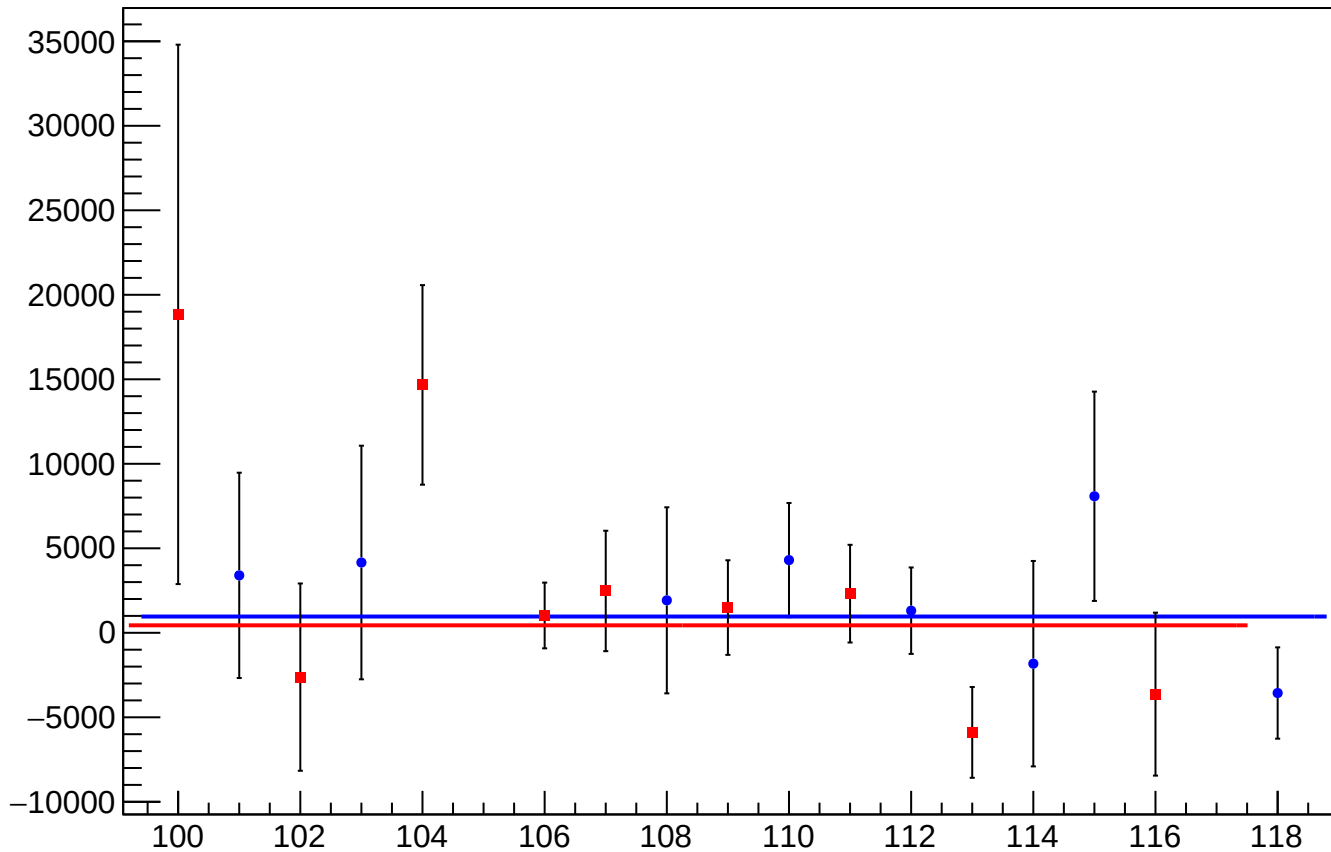
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.171+/-0.495 χ^2/NDF : 147882.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: 962.701 $\pm$ 1398.015 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 441.765 $\pm$ 1092.816 χ^2 /NDF: 14.7/8

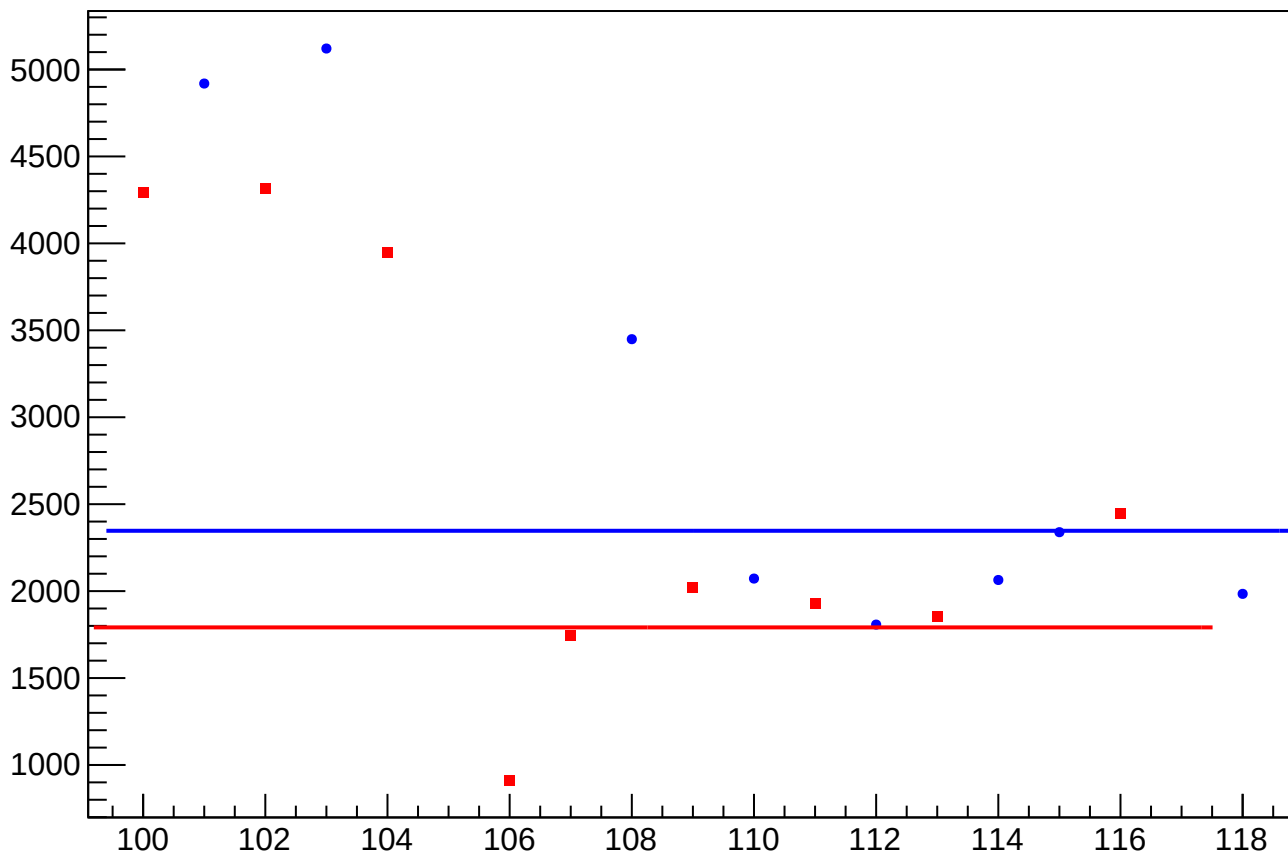
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 639.347 $\pm$ 860.981 χ^2 /NDF: 20.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2347.002 $\pm$ 0.989 χ^2 /NDF: 903520.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

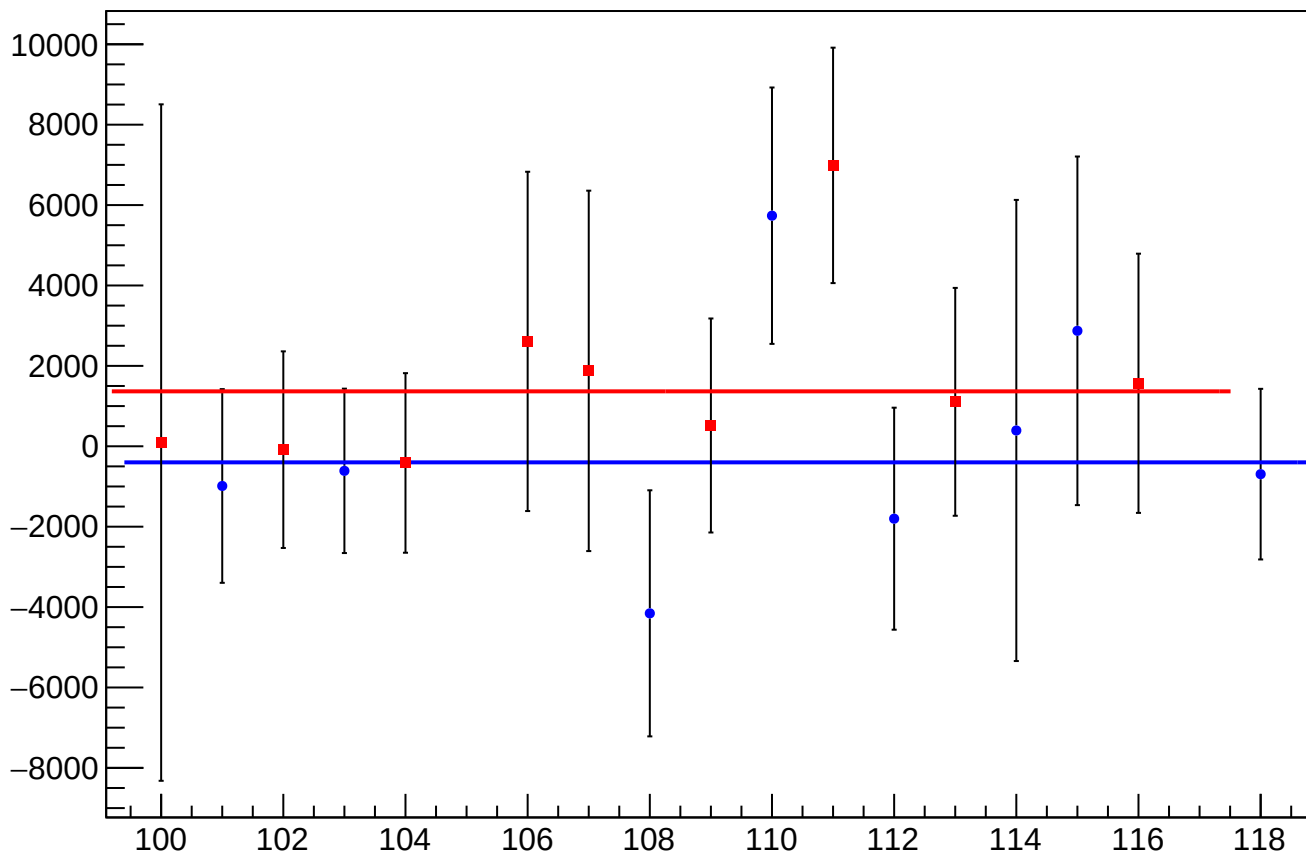
Right Out: 1791.343 $\pm$ 0.773 χ^2 /NDF: 1196750.7/8

All: 2002.095 $\pm$ 0.609 χ^2 /NDF: 2296387.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



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: 1366.492+/-1017.345 χ^2/NDF : 4.9/8

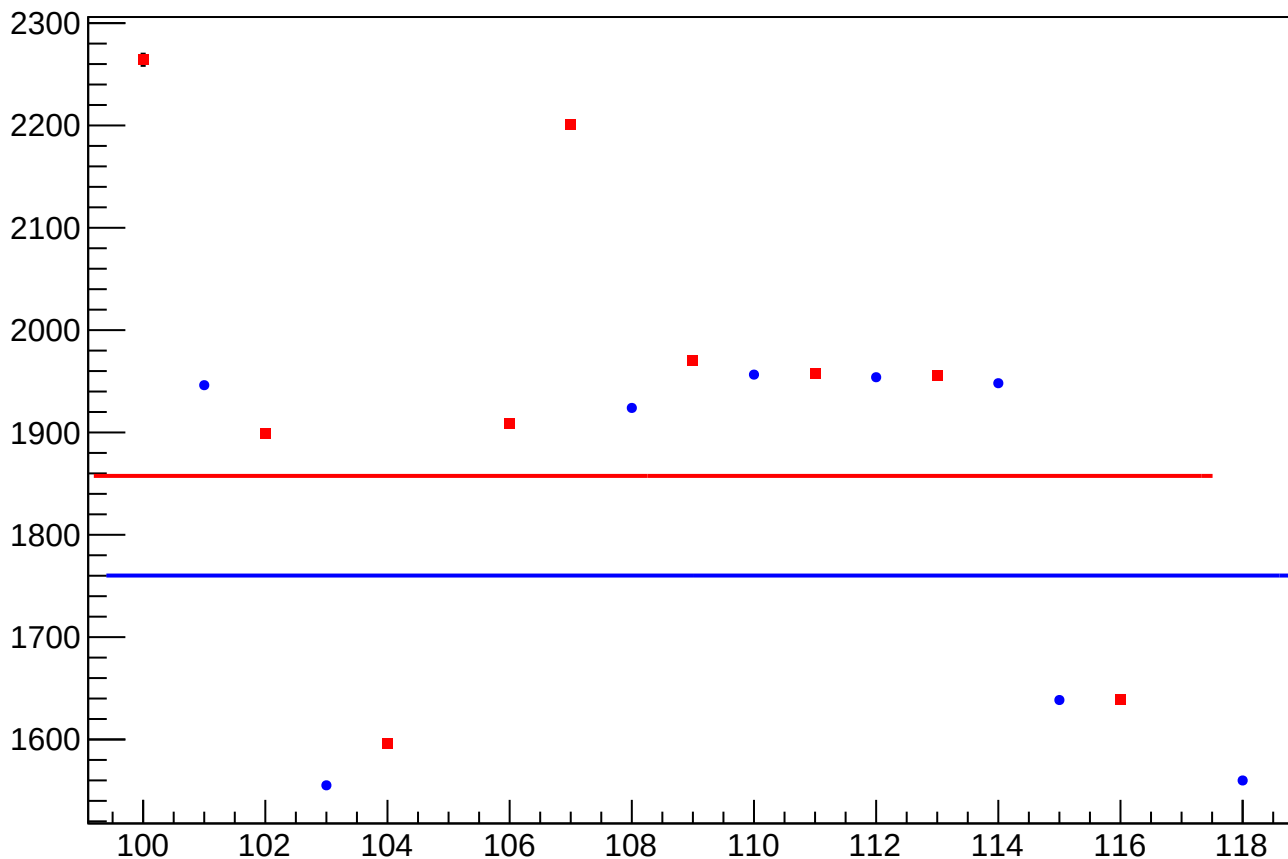
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.209+/-703.674 χ^2/NDF : 12.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_rms vs Slug



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: 1857.547+/-0.712 χ^2/NDF : 62321.0/8

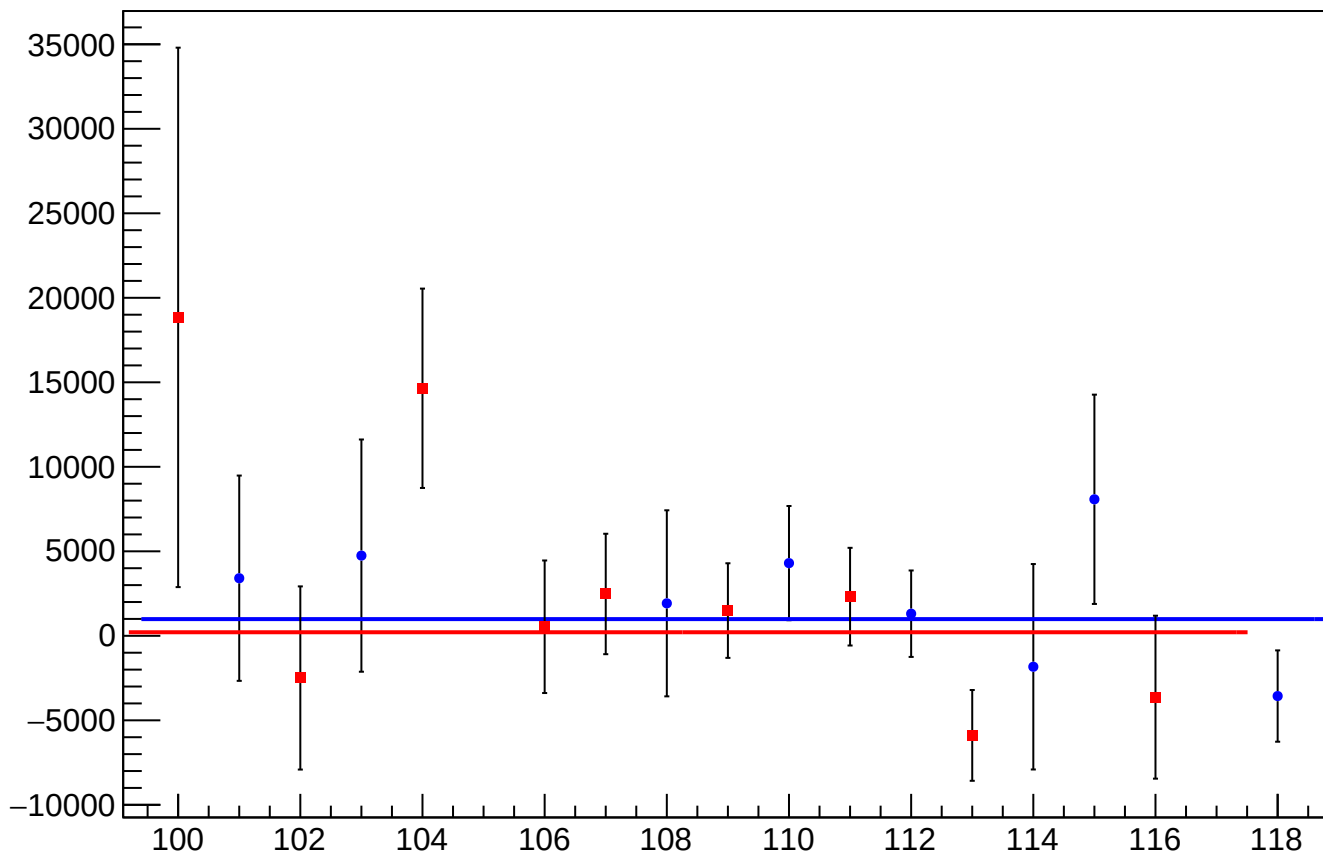
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1807.279+/-0.495 χ^2/NDF : 148699.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



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: 210.960+/-1250.401 χ^2/NDF : 14.6/8

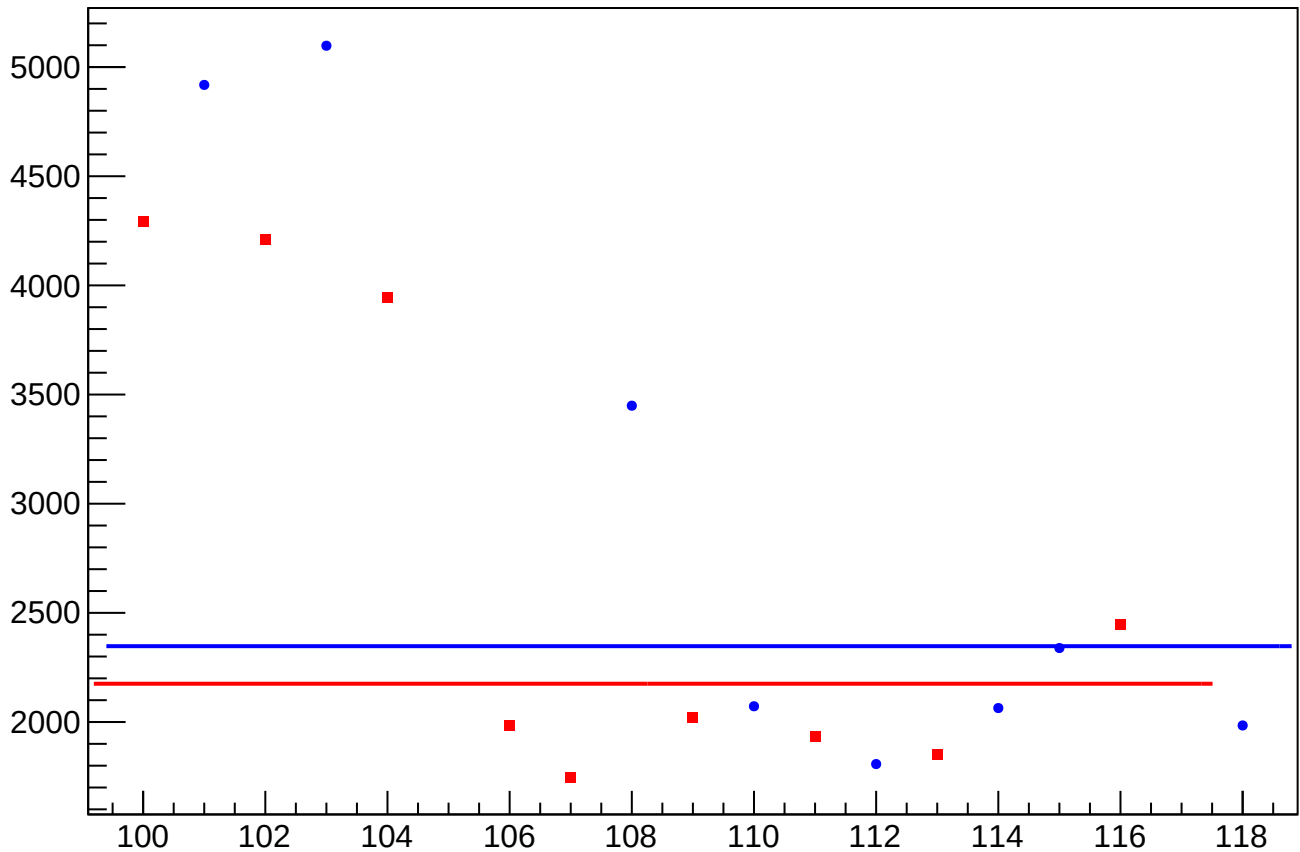
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.802+/-931.893 χ^2/NDF : 20.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



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: 2175.362+/-0.884 χ^2/NDF : 585902.5/8

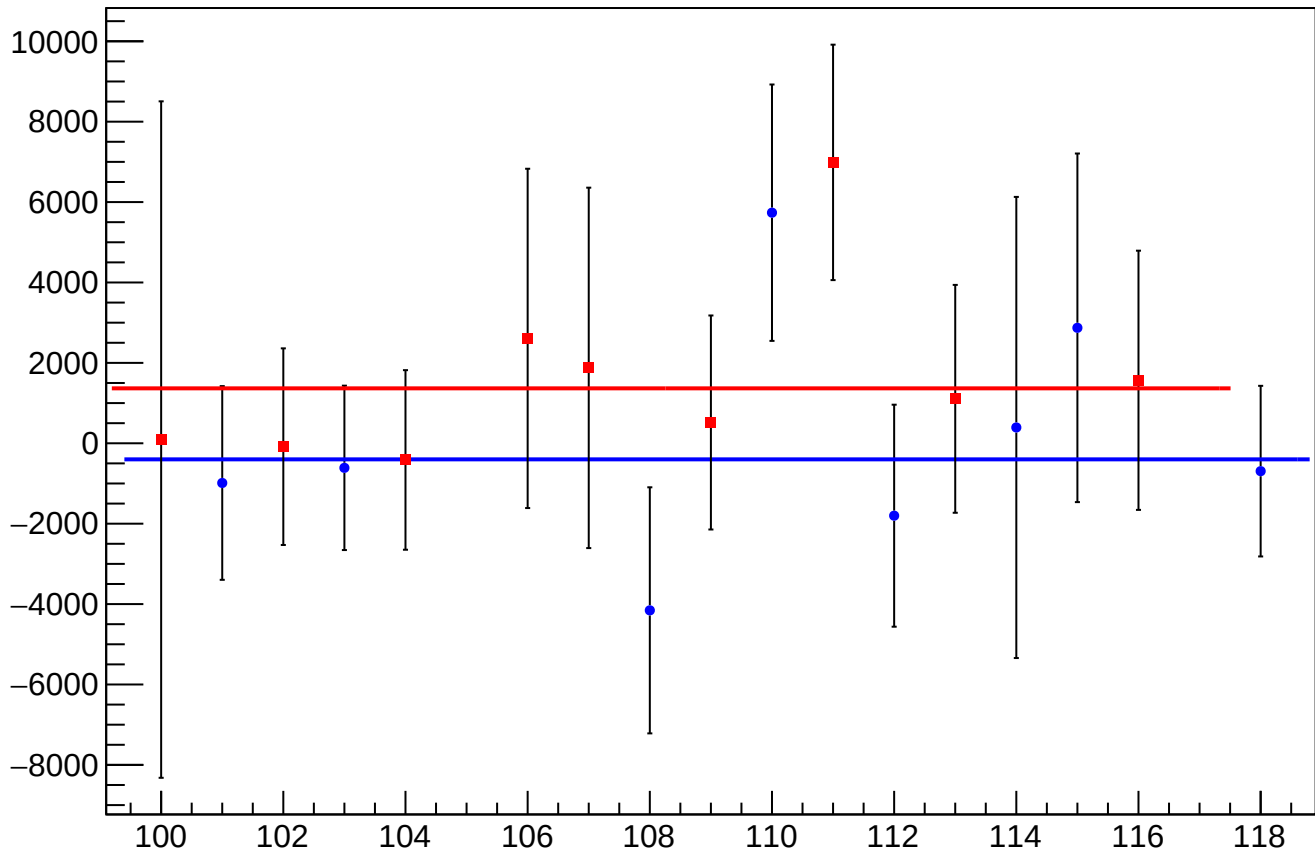
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.842+/-0.659 χ^2/NDF : 1504623.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



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: 1366.492+/-1017.345 χ^2/NDF : 4.9/8

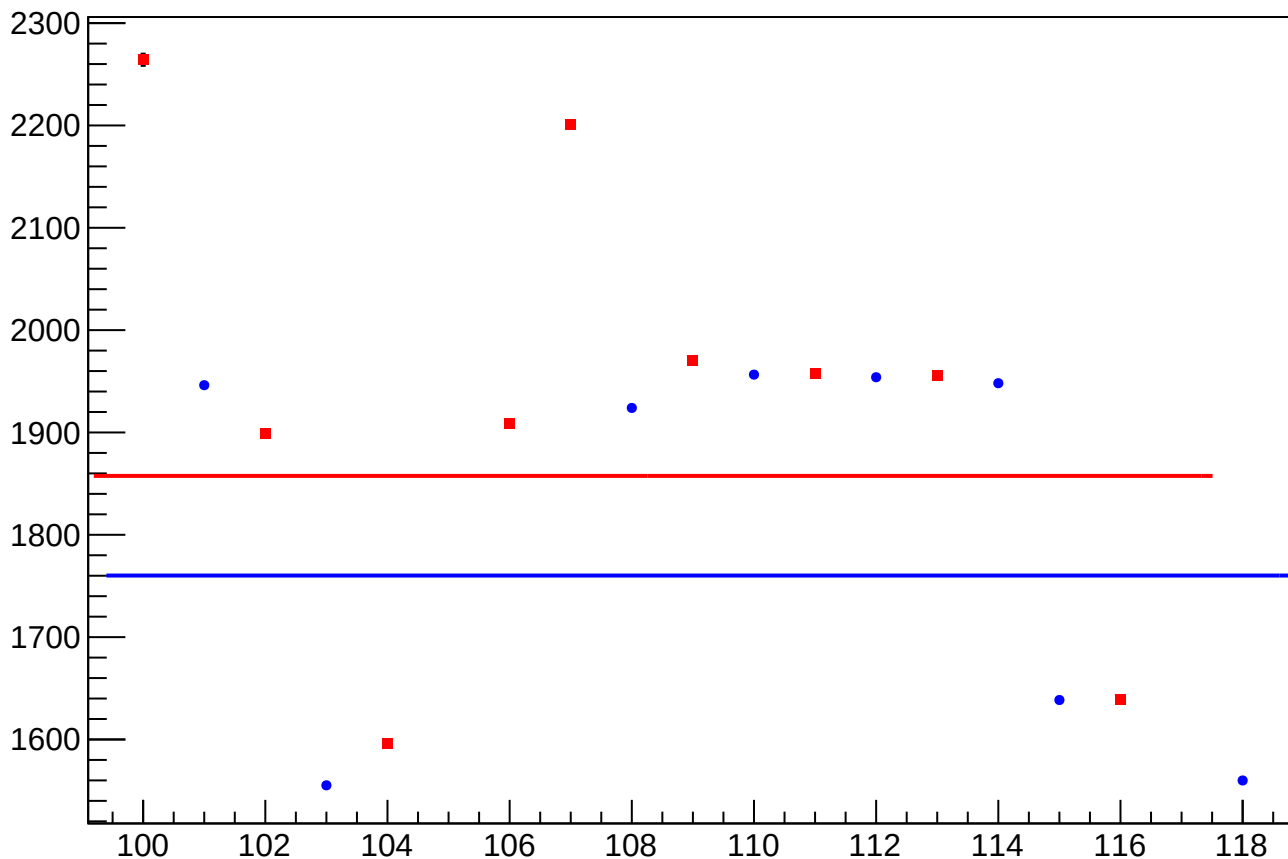
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.209+/-703.674 χ^2/NDF : 12.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1760.182 $\pm$ 0.689 χ^2 /NDF: 76717.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1857.547 $\pm$ 0.712 χ^2 /NDF: 62321.0/8

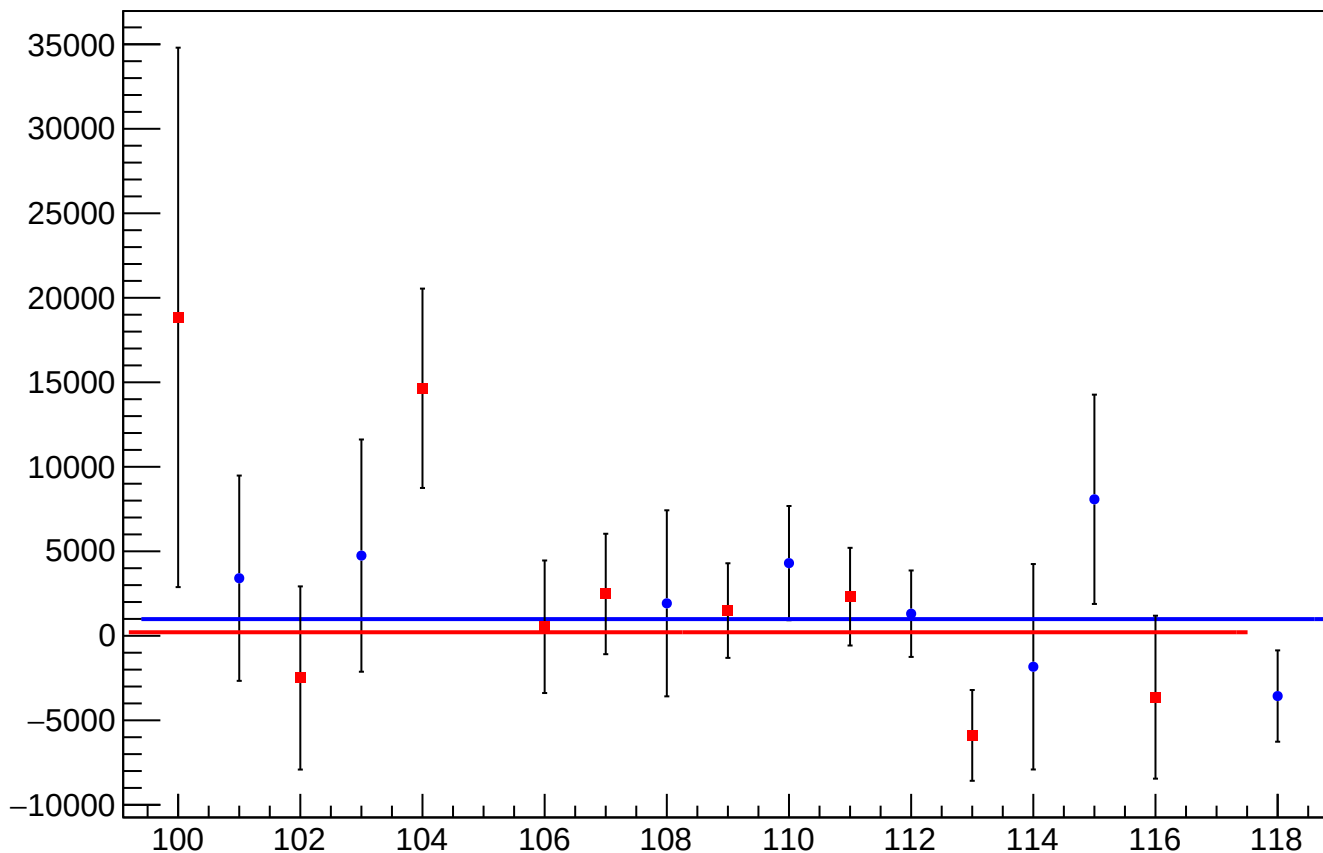
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1807.279 $\pm$ 0.495 χ^2 /NDF: 148699.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_correction_mean vs Slug



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: 210.960+/-1250.401 χ^2/NDF : 14.6/8

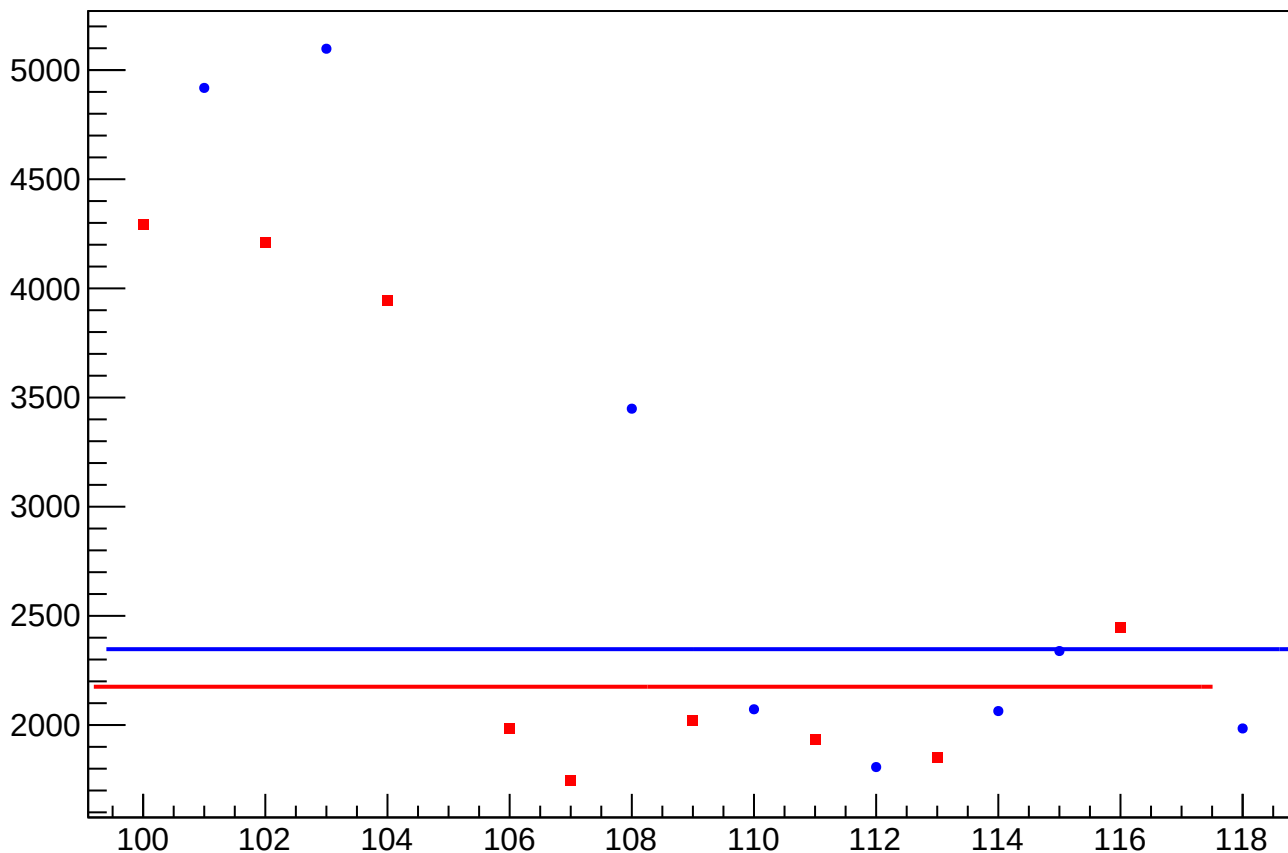
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.802+/-931.893 χ^2/NDF : 20.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



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: 2175.362+/-0.884 χ^2/NDF : 585902.5/8

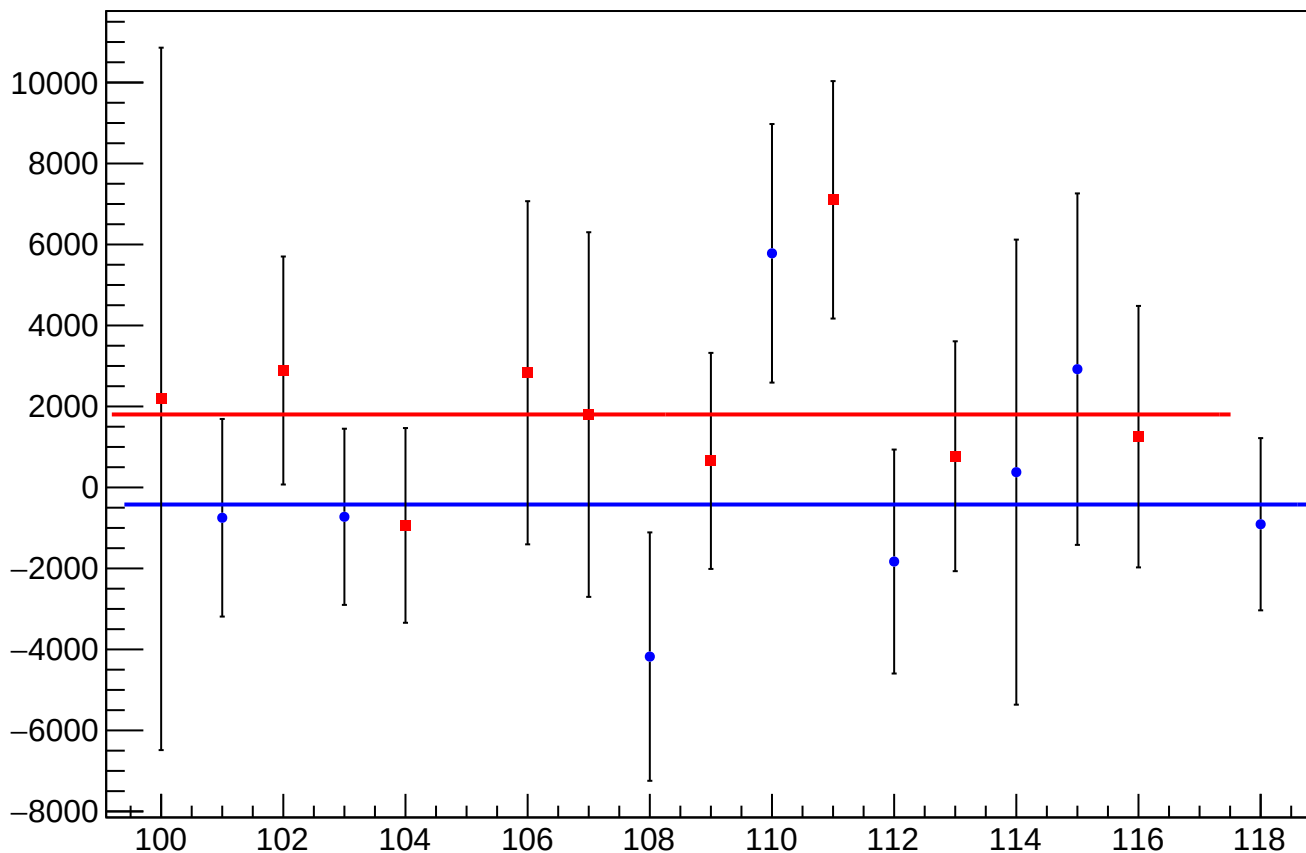
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2251.842+/-0.659 χ^2/NDF : 1504623.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_mean vs Slug



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: 1802.502+/-1057.431 χ^2/NDF : 5.1/8

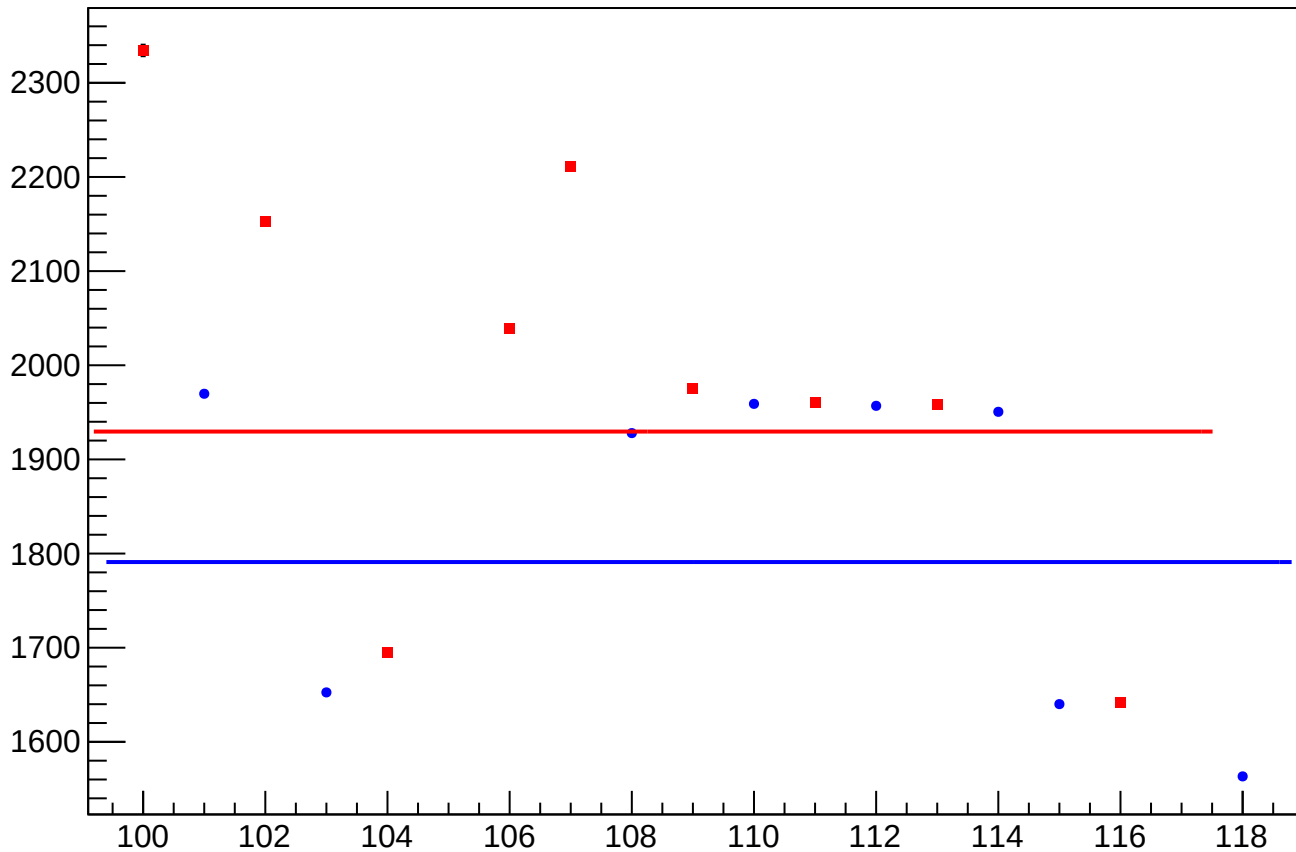
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.105+/-722.949 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1790.981 $\pm$ 0.700 χ^2 /NDF: 62448.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1929.579 $\pm$ 0.743 χ^2 /NDF: 62217.3/8

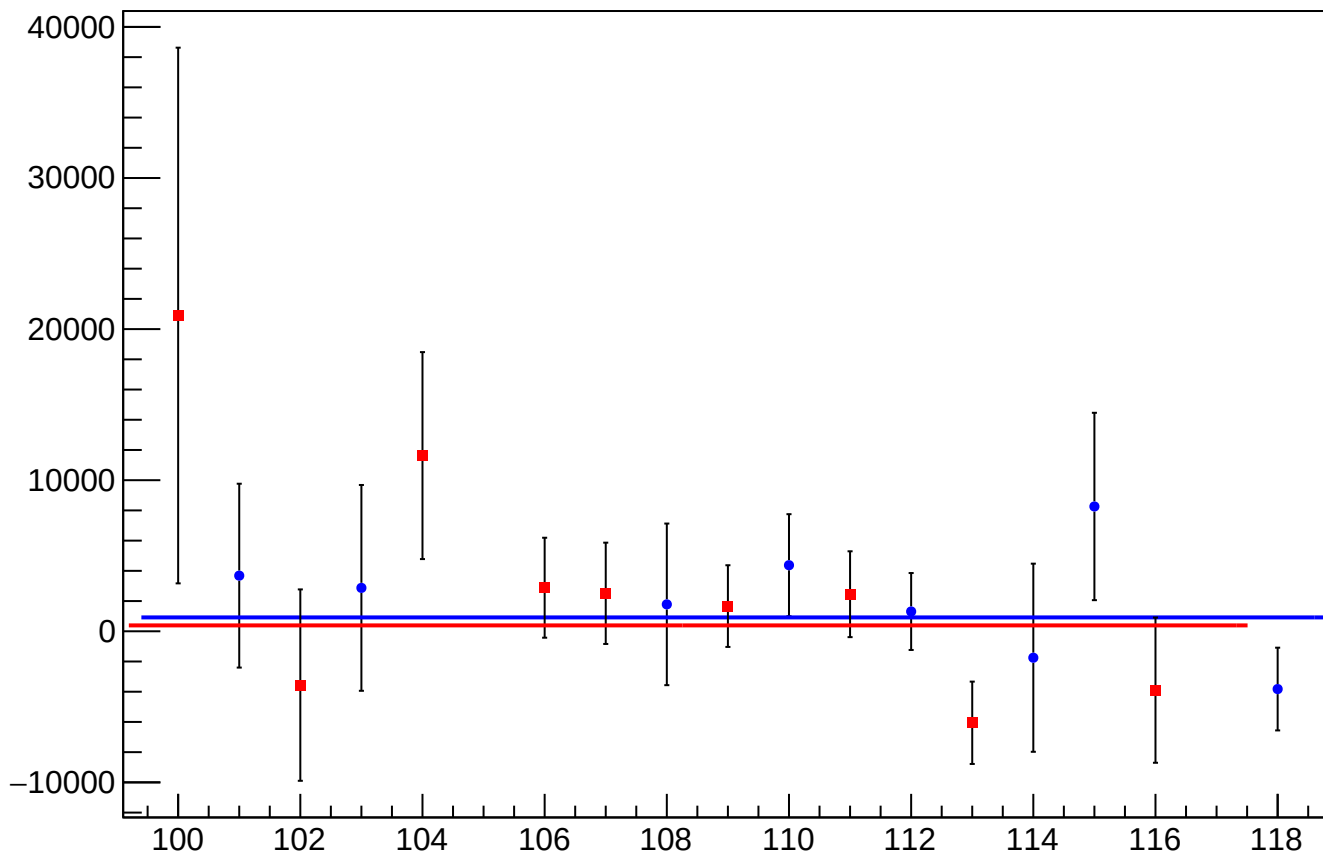
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1856.193 $\pm$ 0.510 χ^2 /NDF: 143085.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: 918.062 $\pm$ 1399.391 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 389.700 $\pm$ 1223.098 χ^2 /NDF: 12.5/8

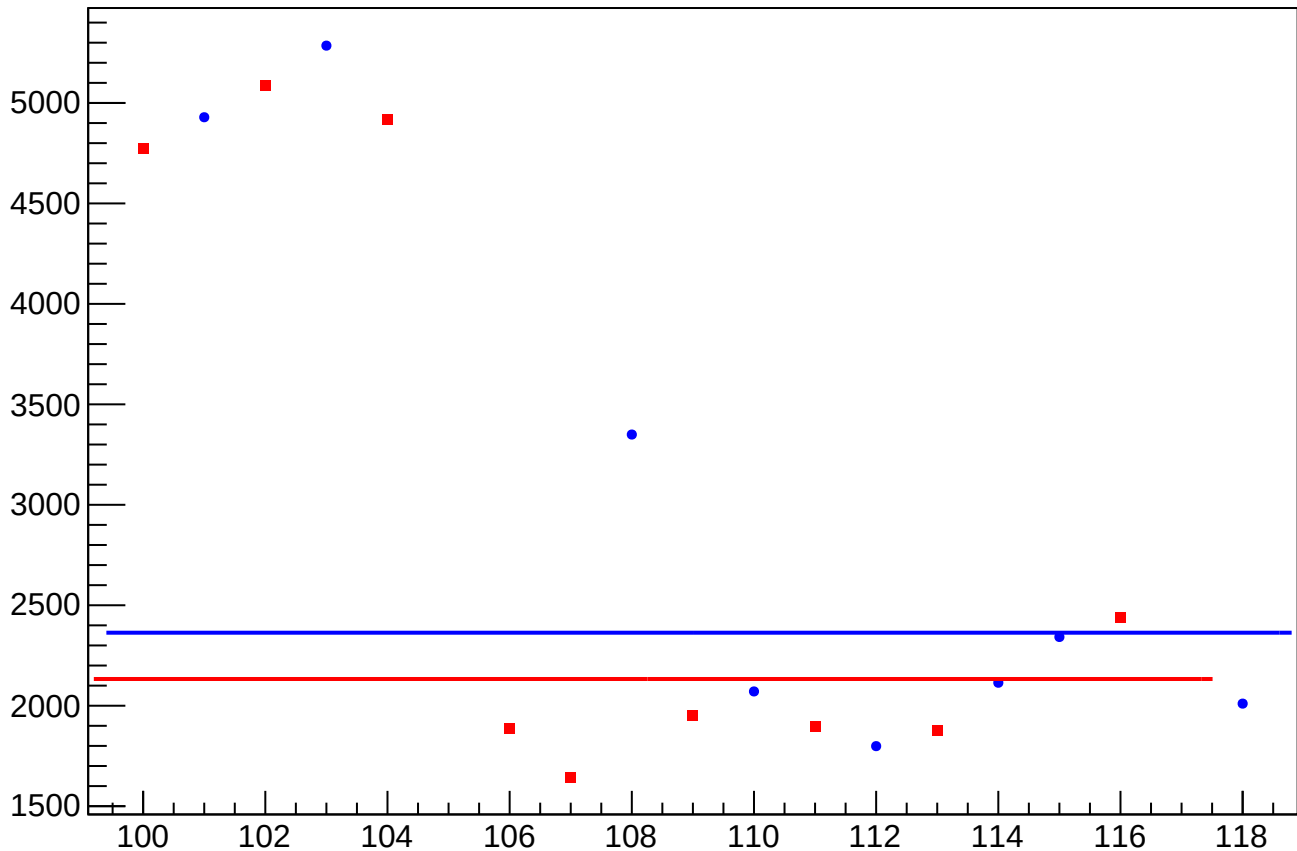
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 618.522 $\pm$ 920.922 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



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: 2133.035+/-0.865 χ^2/NDF : 912227.2/8

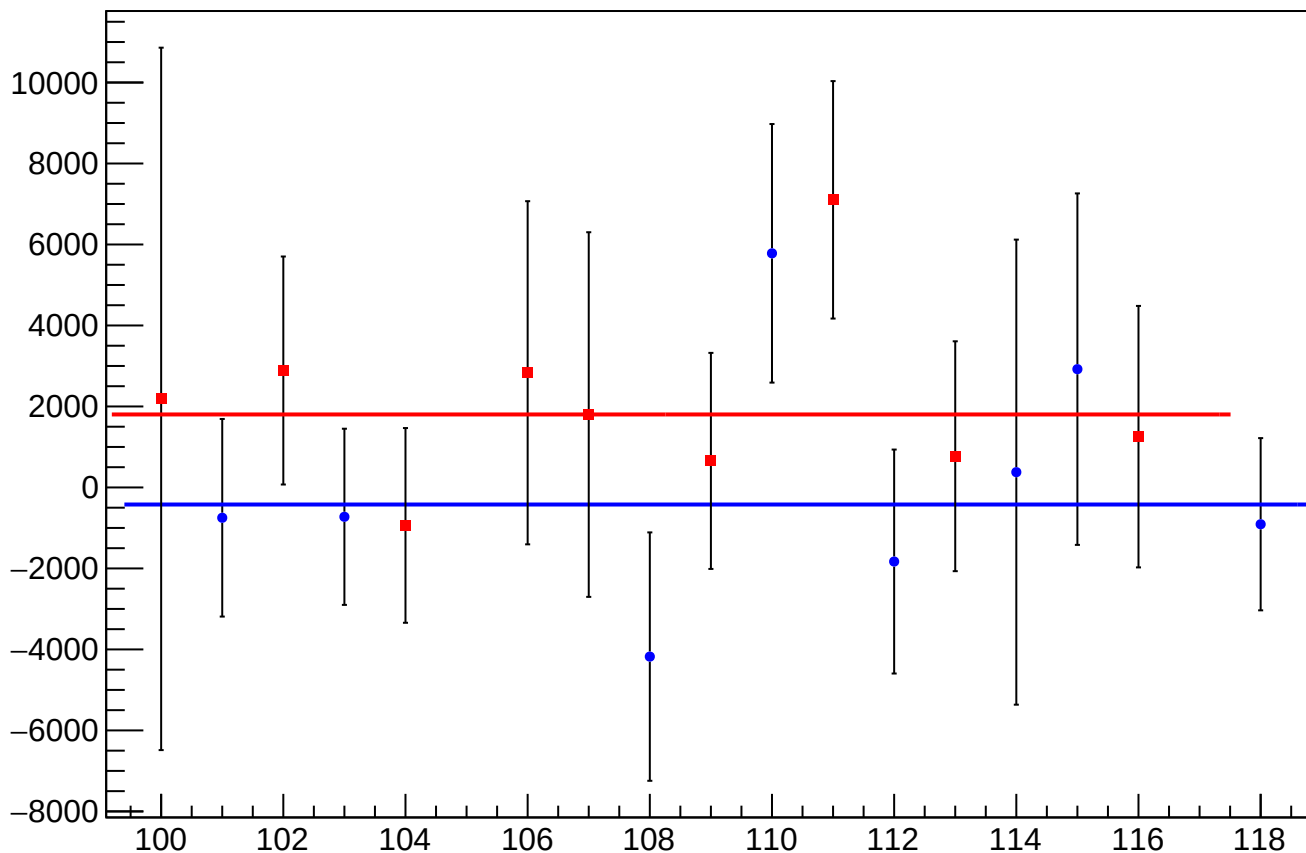
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2232.816+/-0.651 χ^2/NDF : 1884401.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



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: 1802.512+/-1057.430 χ^2/NDF : 5.1/8

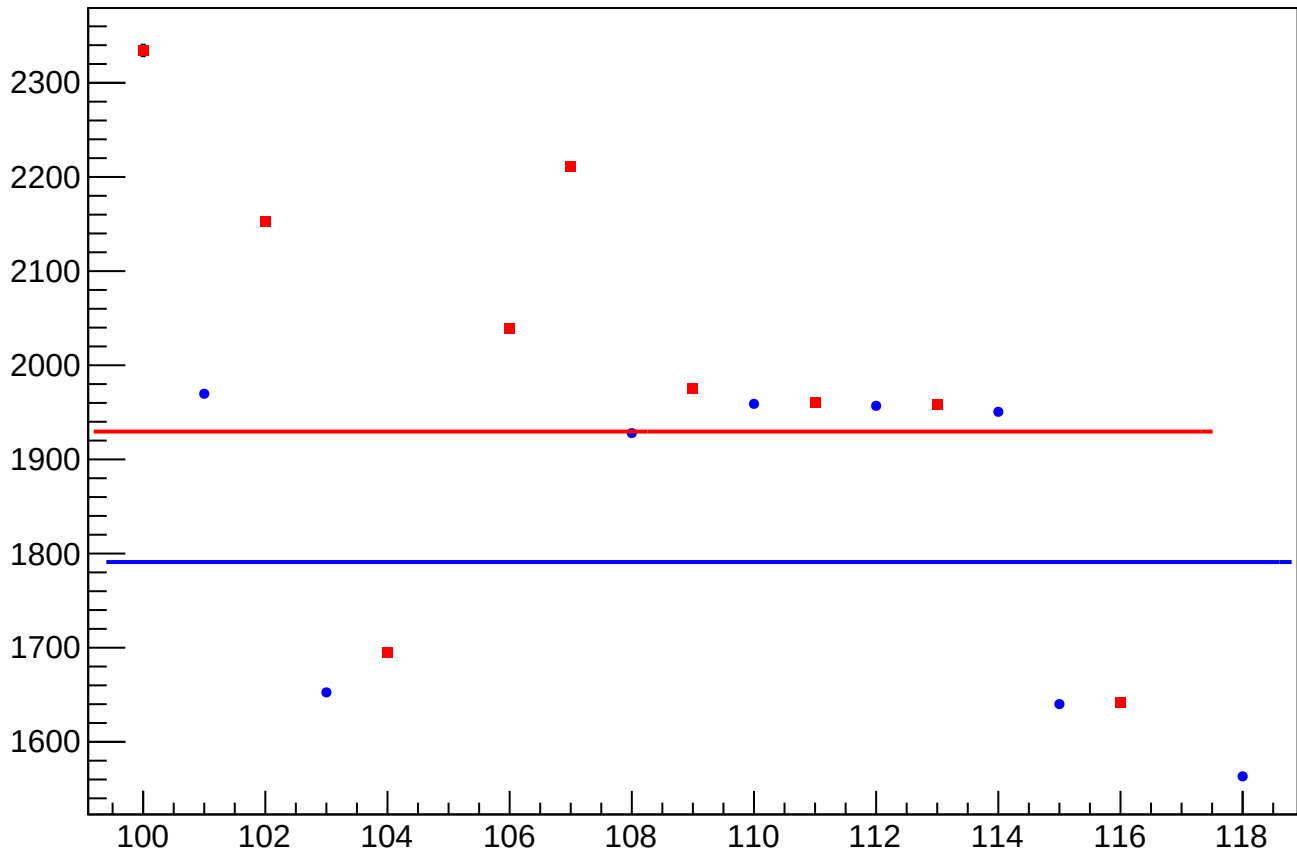
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.106+/-722.949 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



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: 1929.578+/-0.743 χ^2/NDF : 62217.2/8

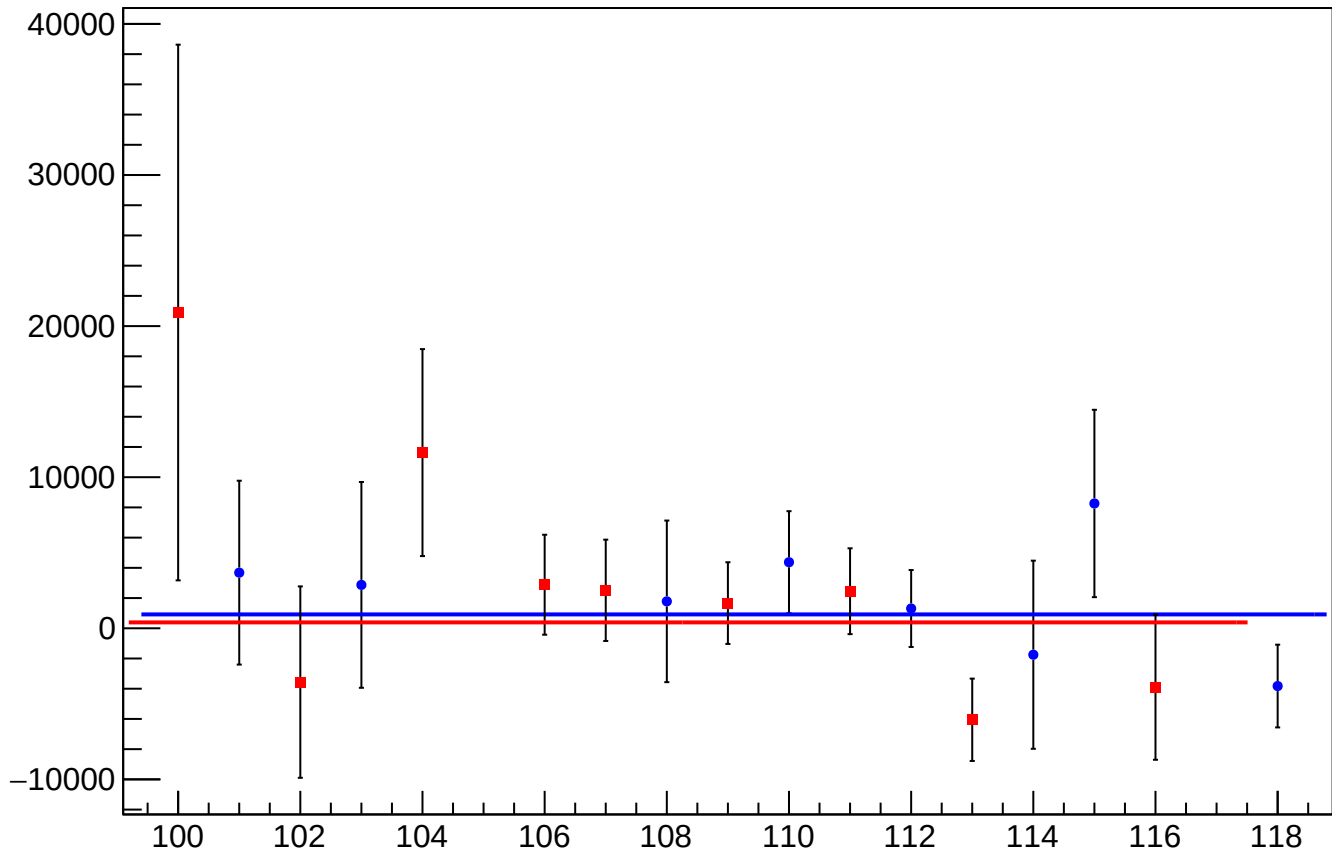
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.192+/-0.510 χ^2/NDF : 143085.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



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: 389.699+/-1223.094 χ^2/NDF : 12.5/8

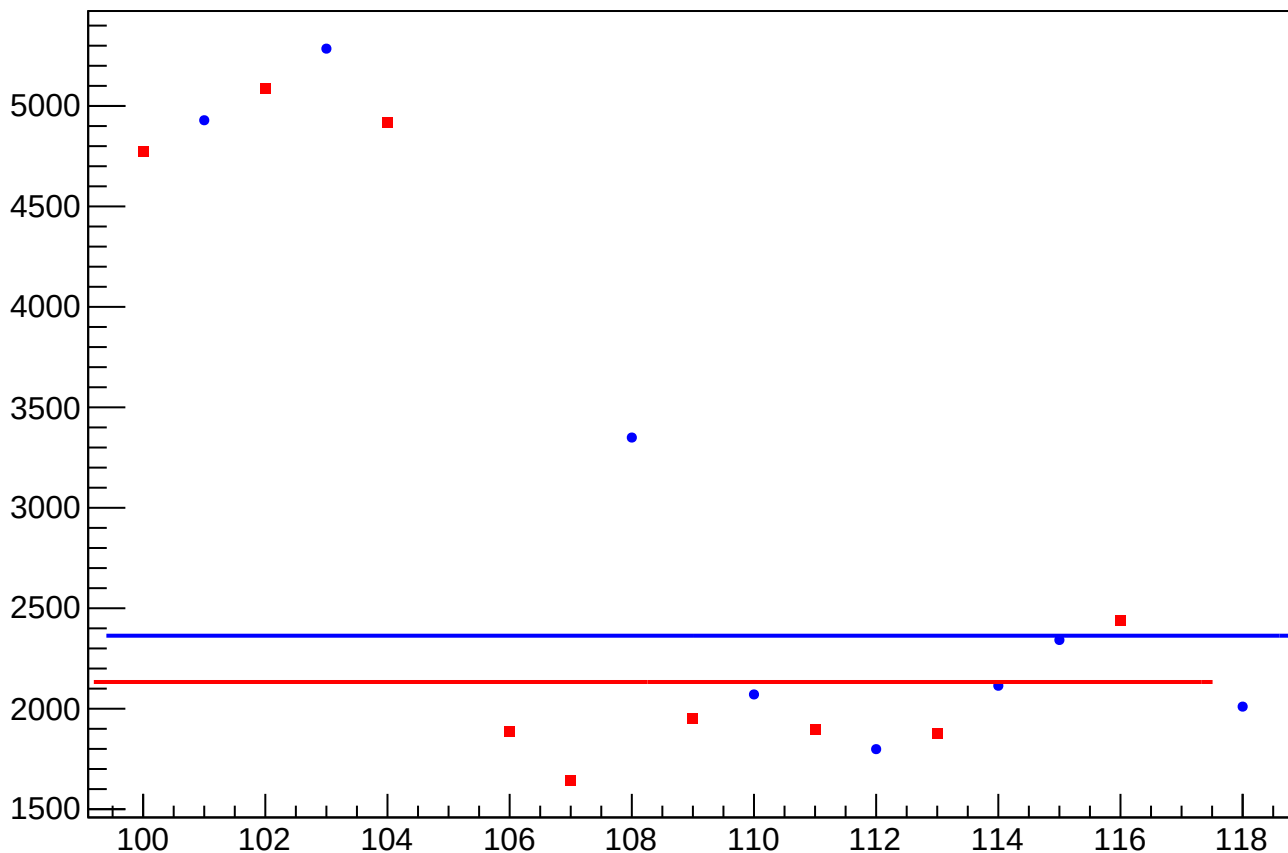
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.517+/-920.918 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2363.422 $\pm$ 0.990 χ^2 /NDF: 941444.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2133.028 $\pm$ 0.865 χ^2 /NDF: 912231.8/8

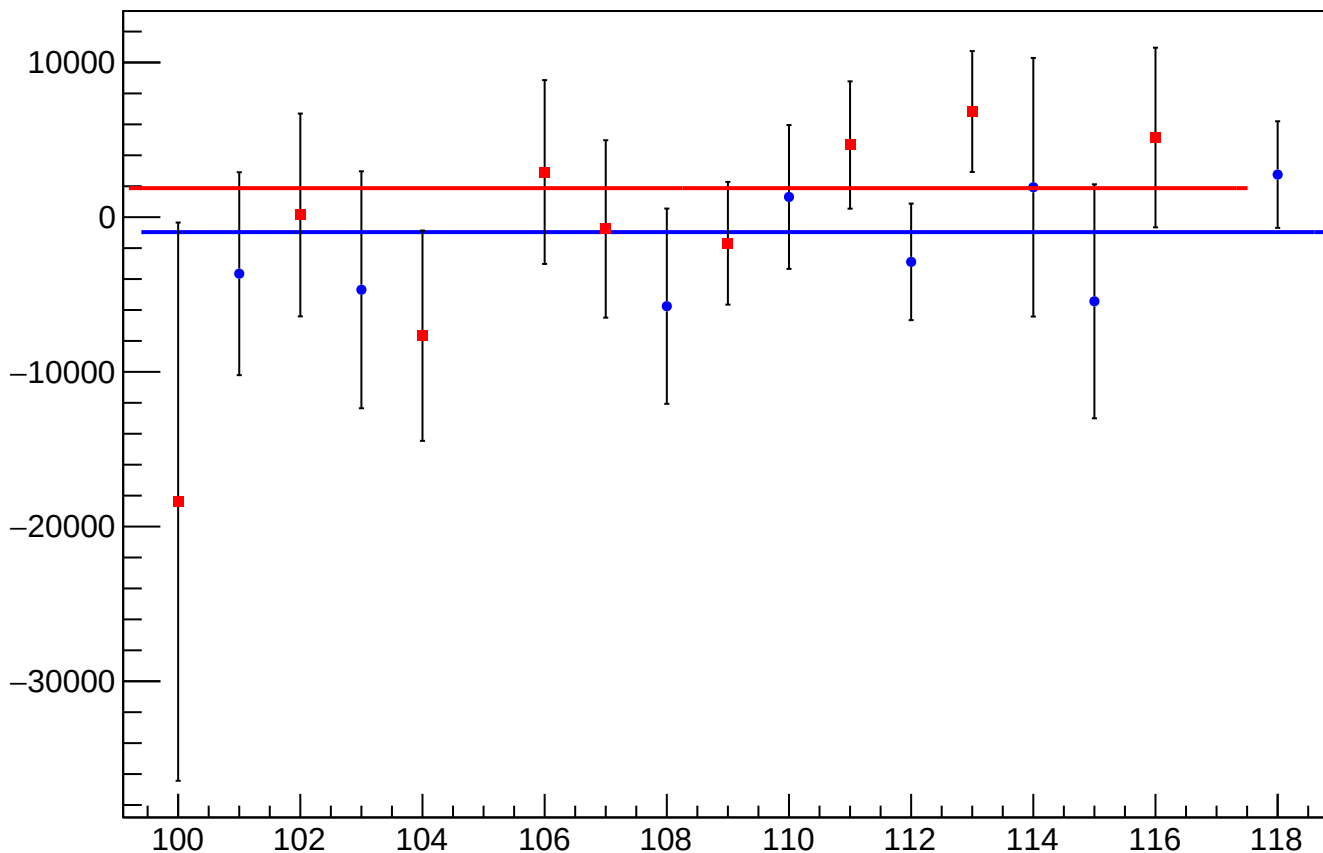
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2232.807 $\pm$ 0.651 χ^2 /NDF: 1884410.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_mean vs Slug



Right In: -965.407 $\pm$ 1831.611 χ^2 /NDF: 3.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1877.352 $\pm$ 1755.642 χ^2 /NDF: 6.7/8

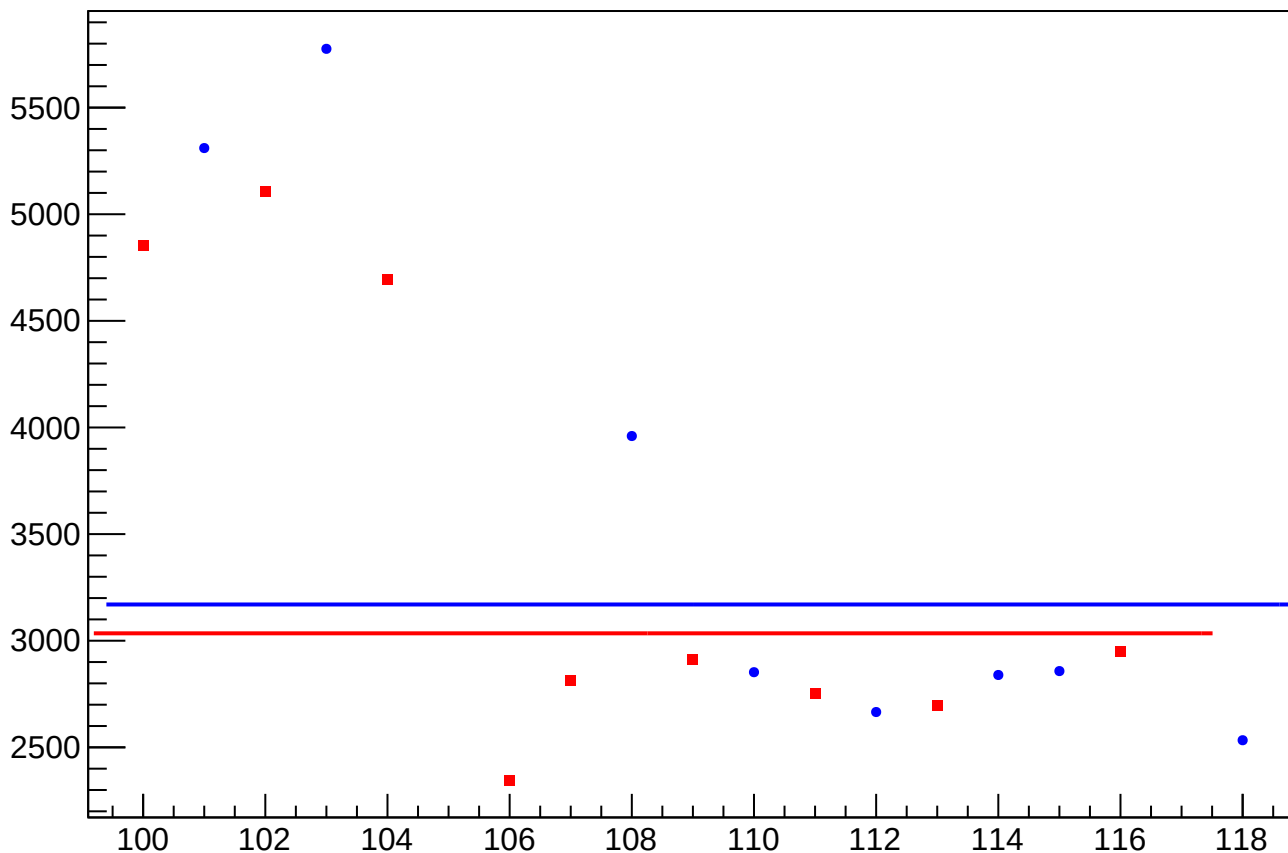
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 516.148 $\pm$ 1267.433 χ^2 /NDF: 11.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_rms vs Slug



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: 3034.698+/-1.204 χ^2/NDF : 415969.5/8

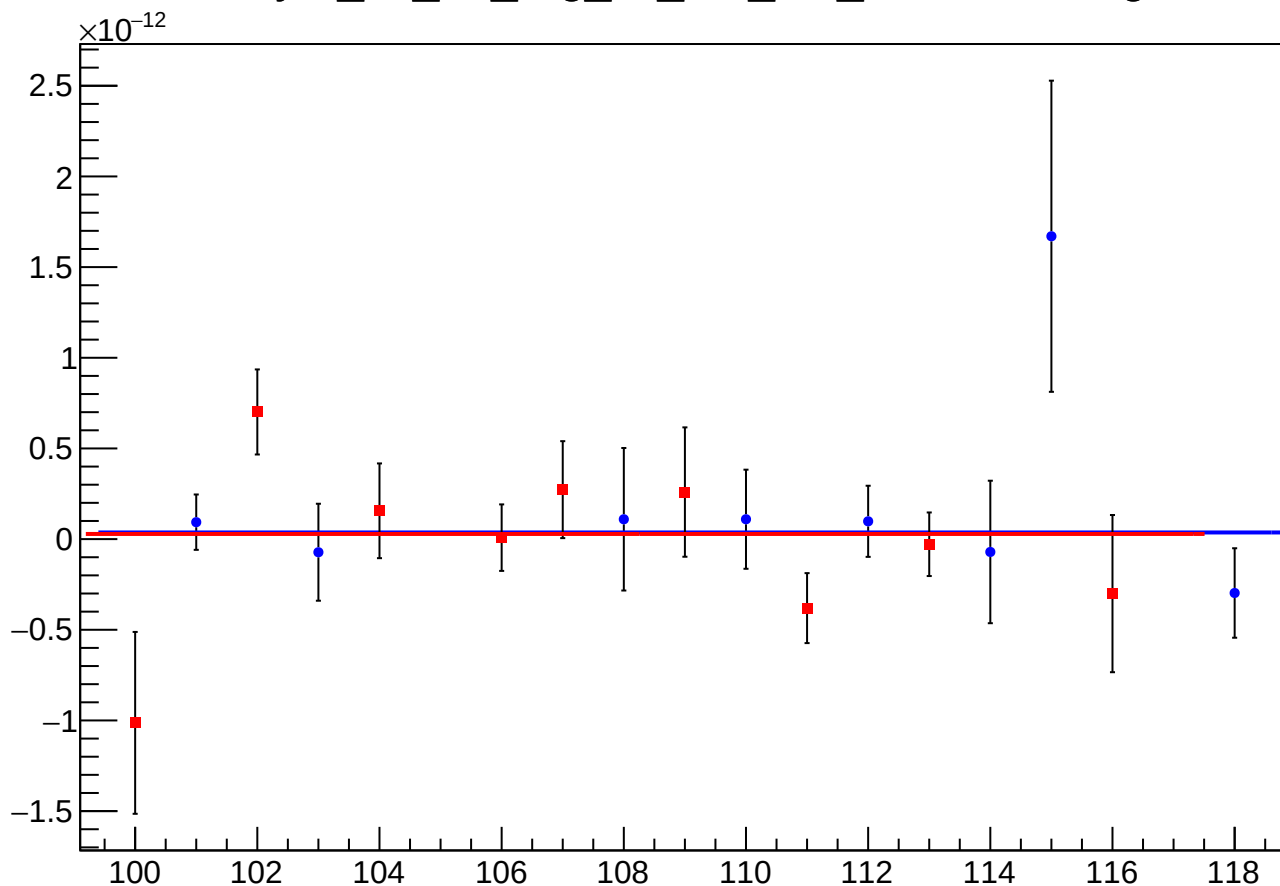
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3097.384+/-0.882 χ^2/NDF : 1017573.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 19.2/8

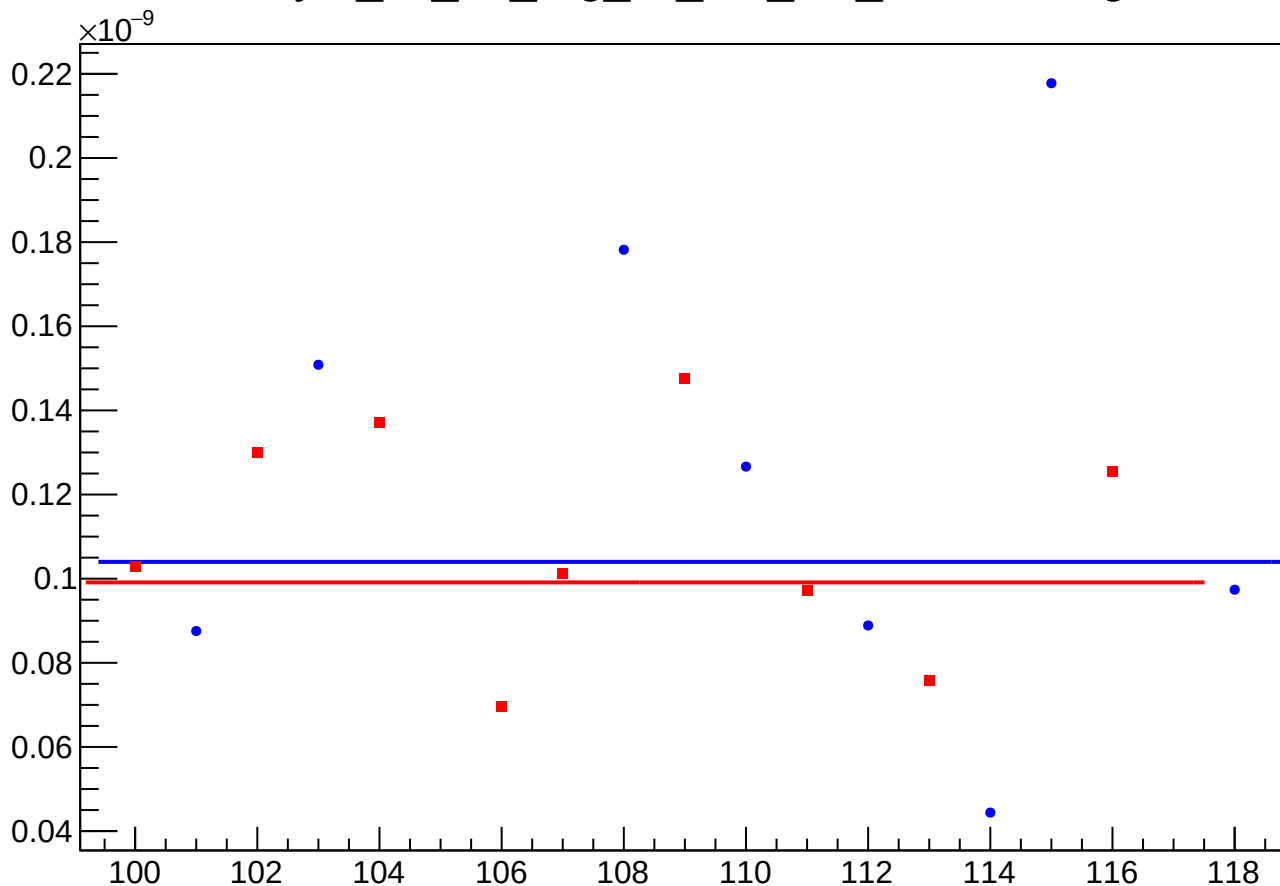
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 25.3/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



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 : 209210.2/8

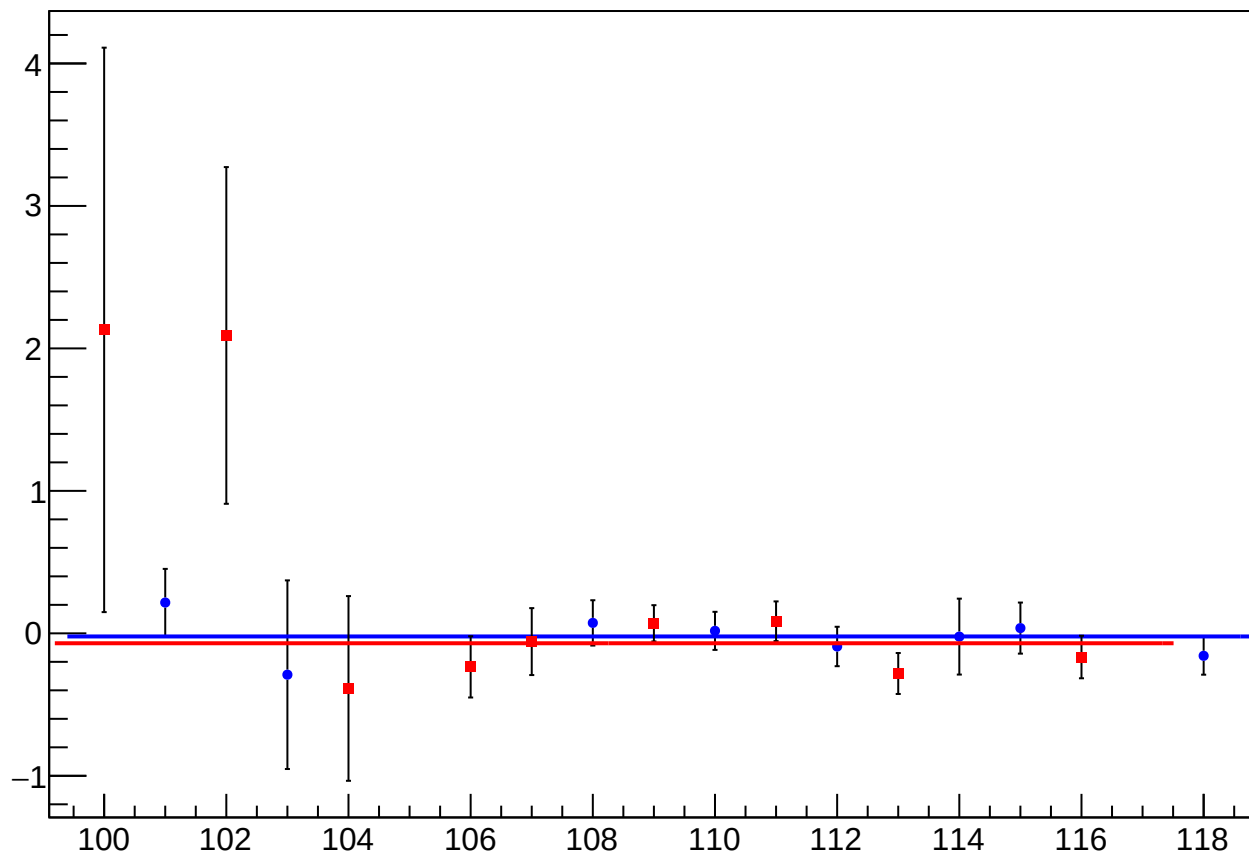
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 476694.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

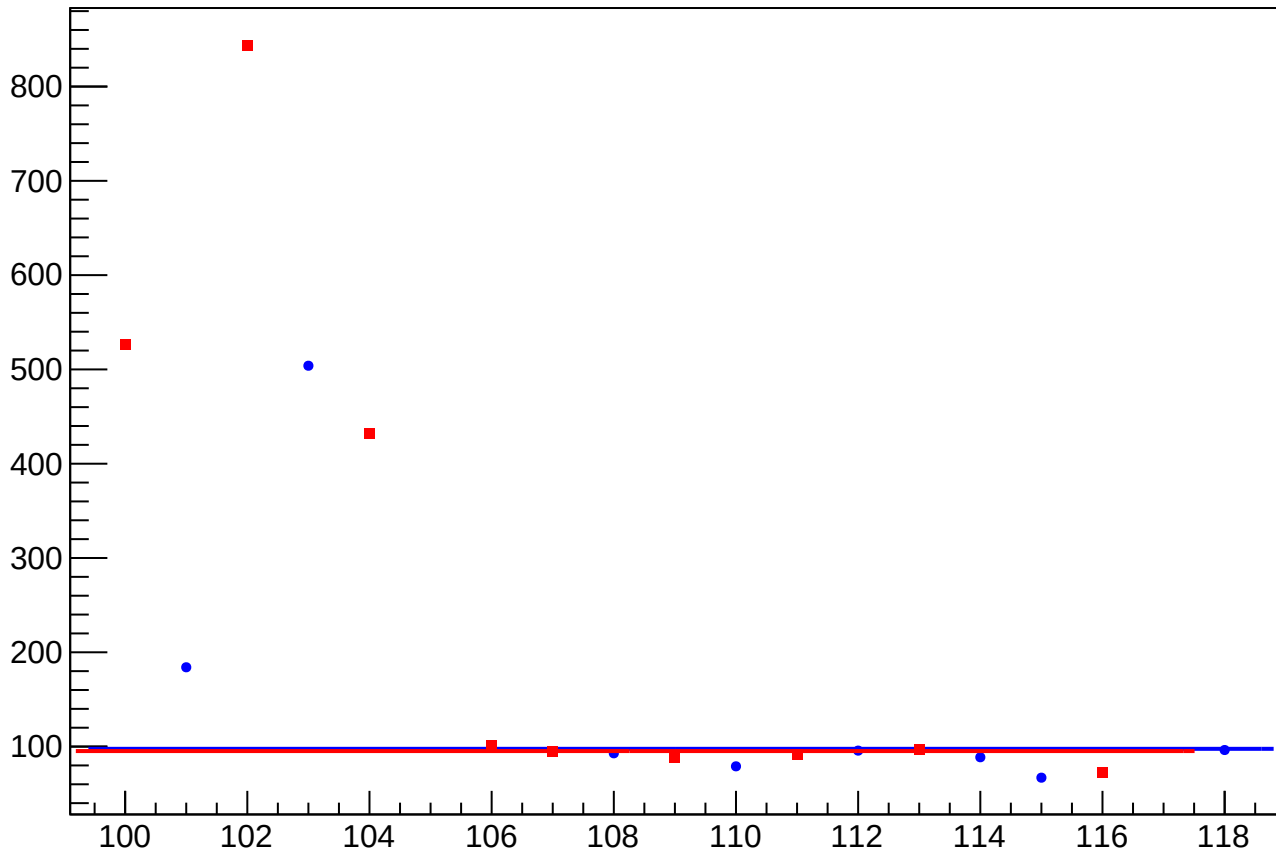
asym_atl_dd_dit_vs_cor_diff_mean vs Slug



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: -0.070 ± 0.063 $\chi^2/\text{NDF: } 10.5/8$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$
 All: -0.045 ± 0.044 $\chi^2/\text{NDF: } 13.8/16$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF: } 0.0/0$

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



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: 95.241+/-0.045 χ^2/NDF : 1491402.6/8

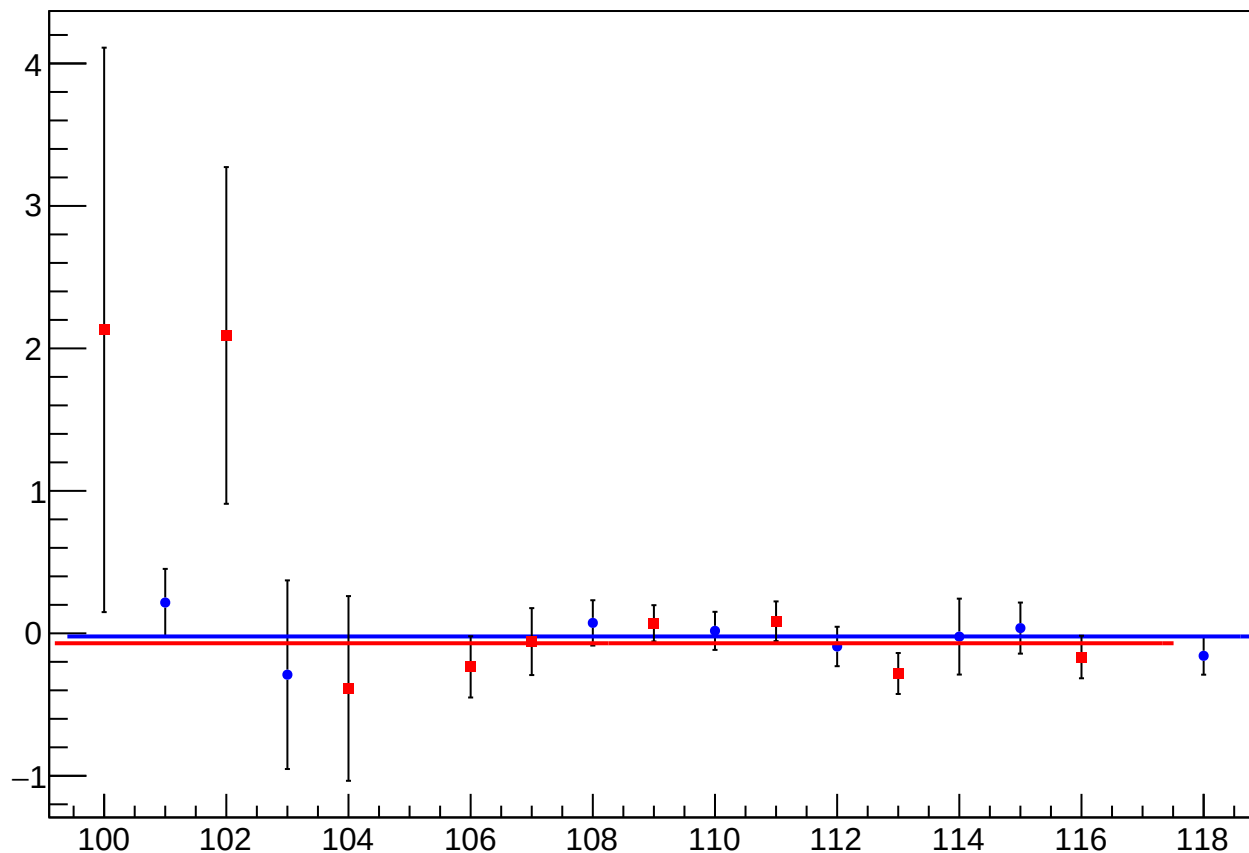
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.473+/-0.031 χ^2/NDF : 2615547.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.070 $\pm$ 0.063 χ^2 /NDF: 10.5/8

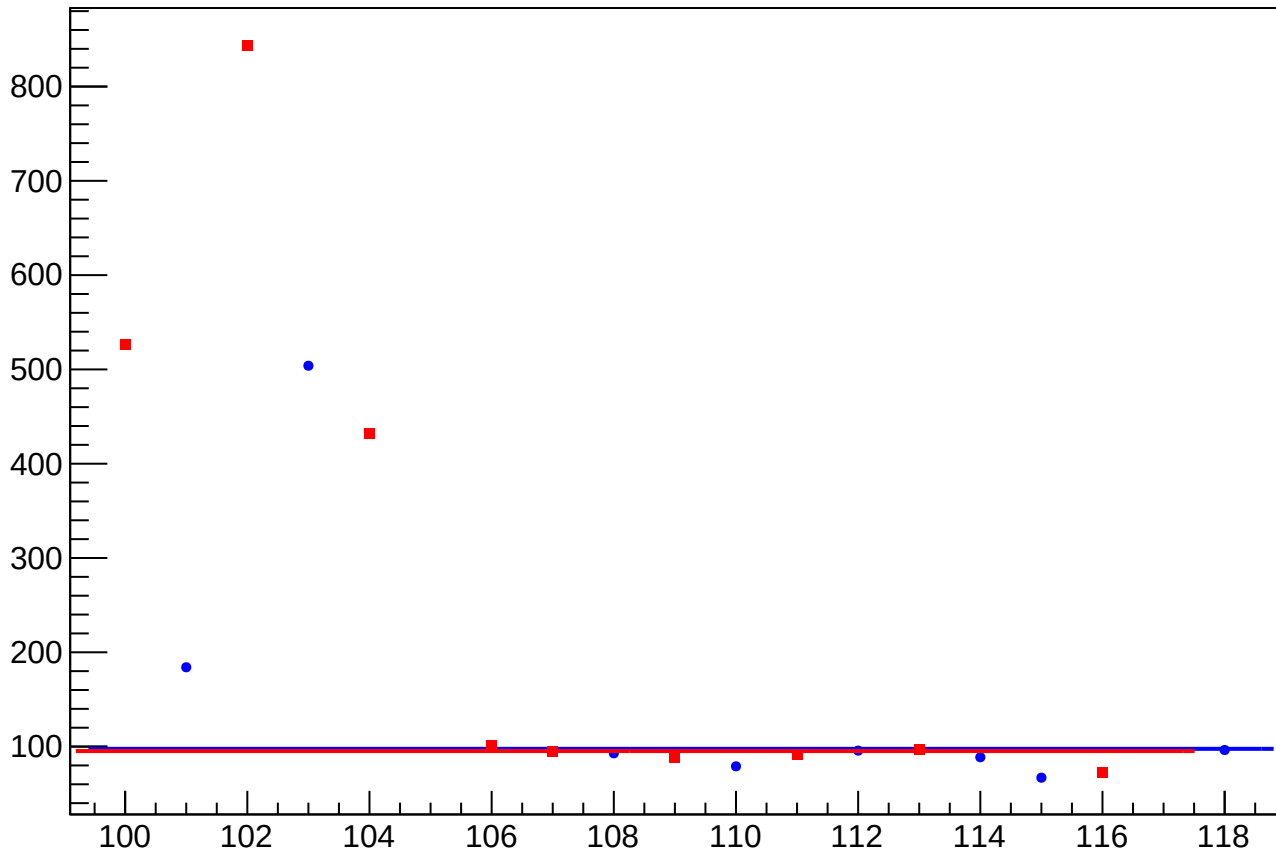
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.045 $\pm$ 0.044 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 95.241+/-0.045 χ^2/NDF : 1491402.6/8

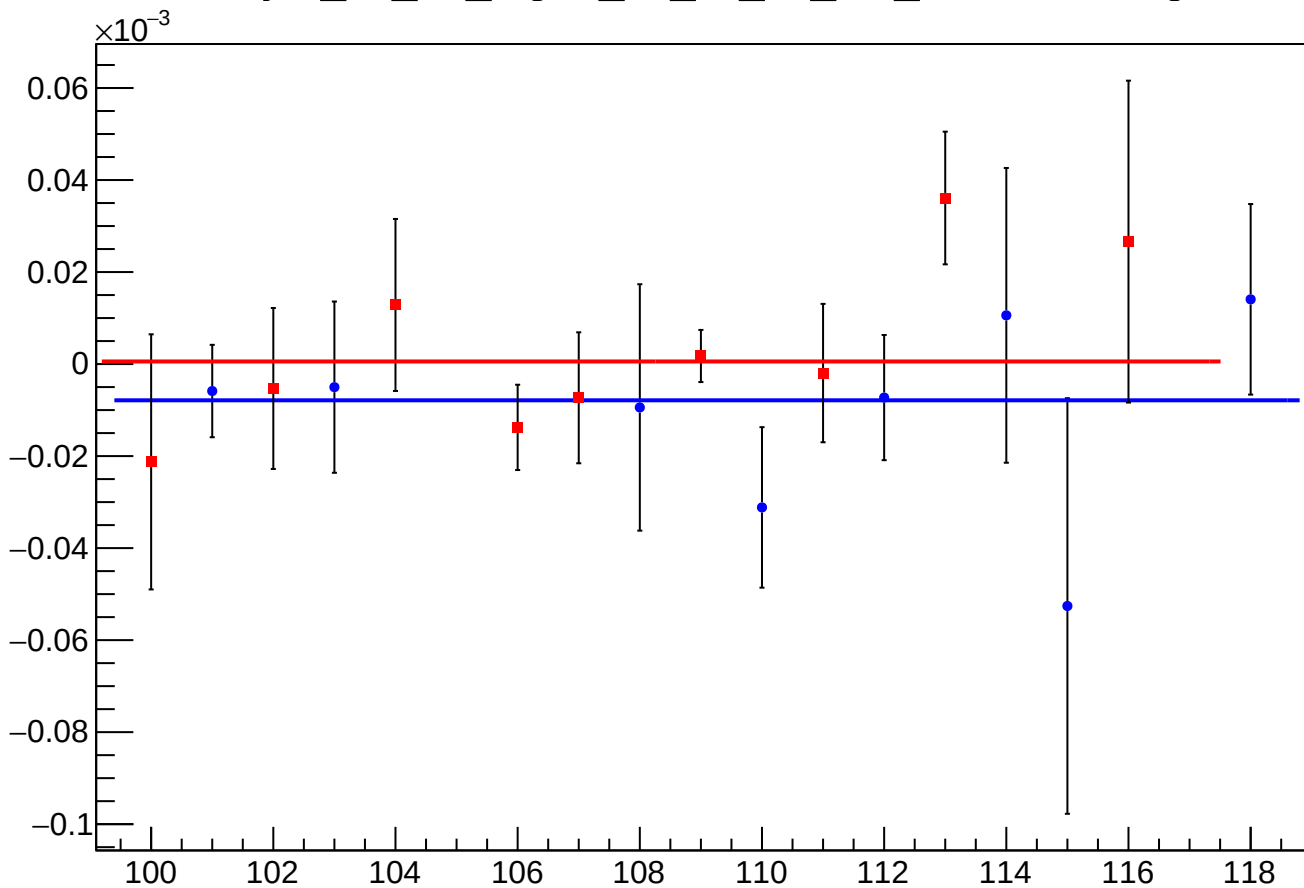
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.473+/-0.031 χ^2/NDF : 2615547.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 10.6/8

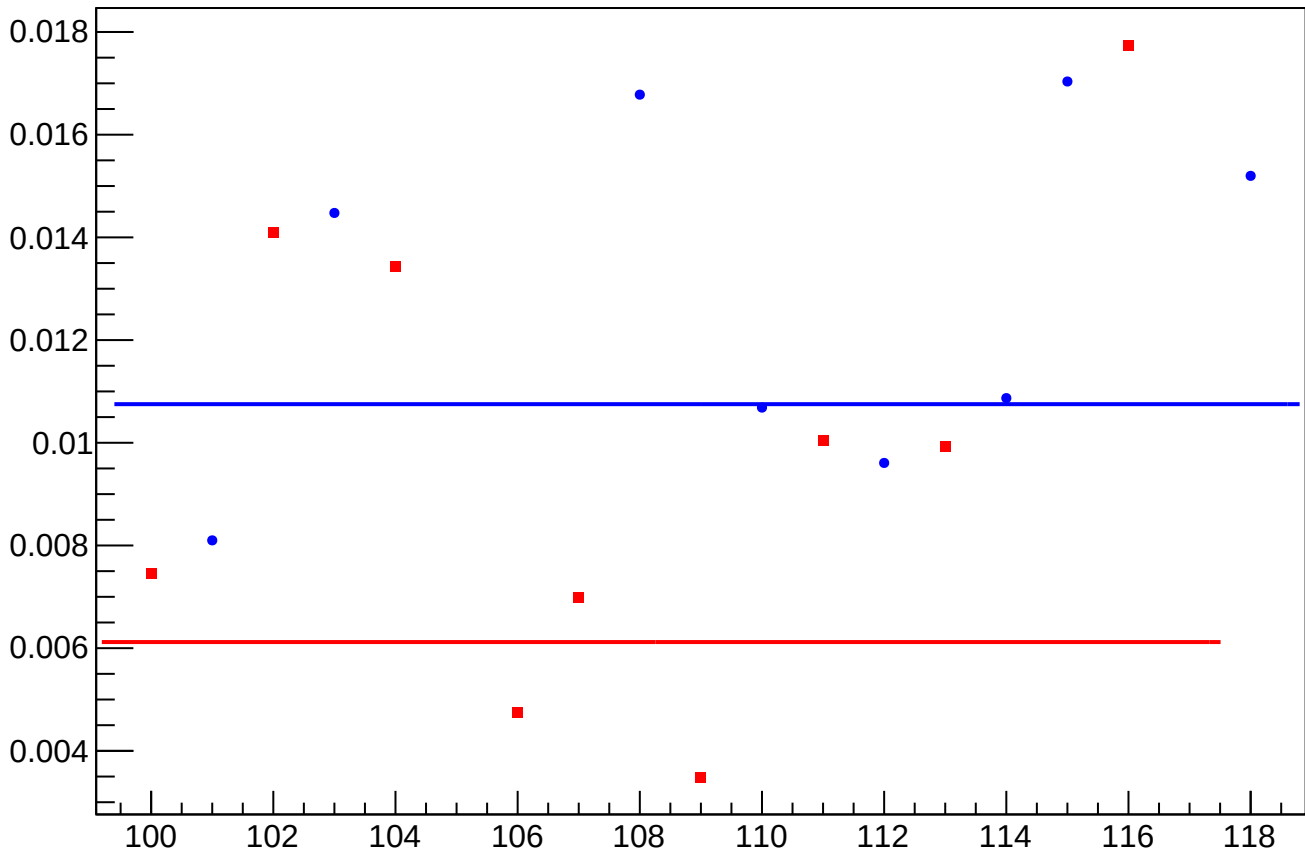
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1706955.9/8

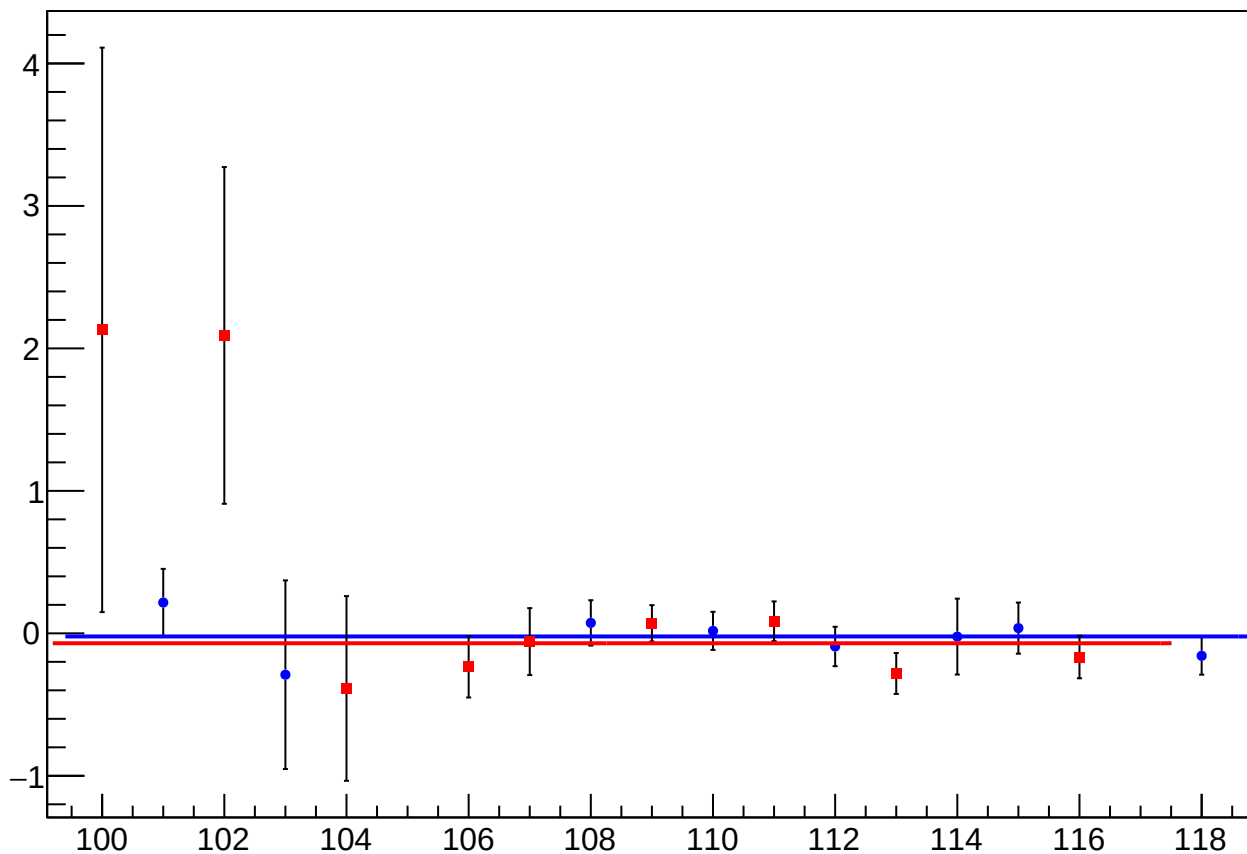
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2985822.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

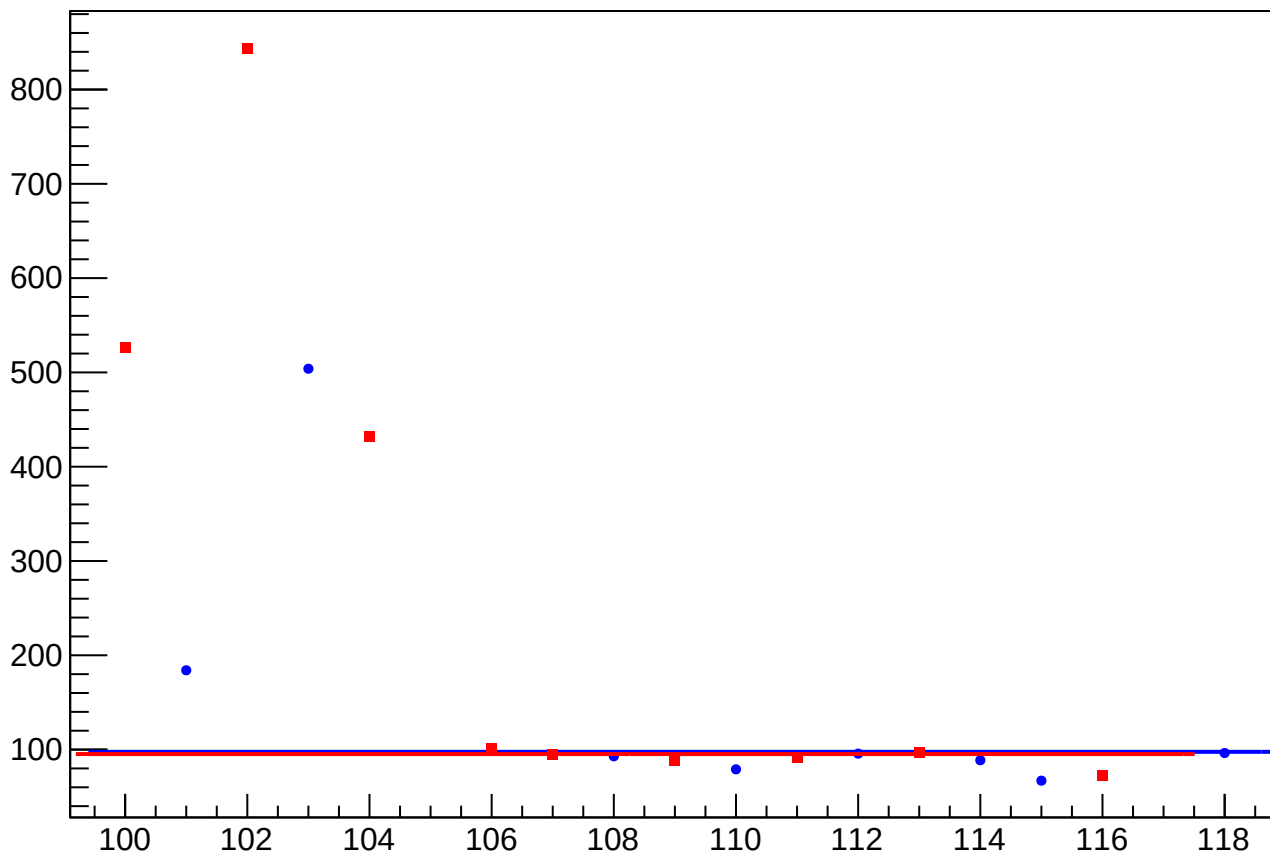
asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.022 ± 0.061 χ^2/NDF : 3.0/7
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: -0.070 ± 0.063 χ^2/NDF : 10.5/8
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -0.045 ± 0.044 χ^2/NDF : 13.8/16
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 95.244+/-0.045 χ^2/NDF : 1491351.9/8

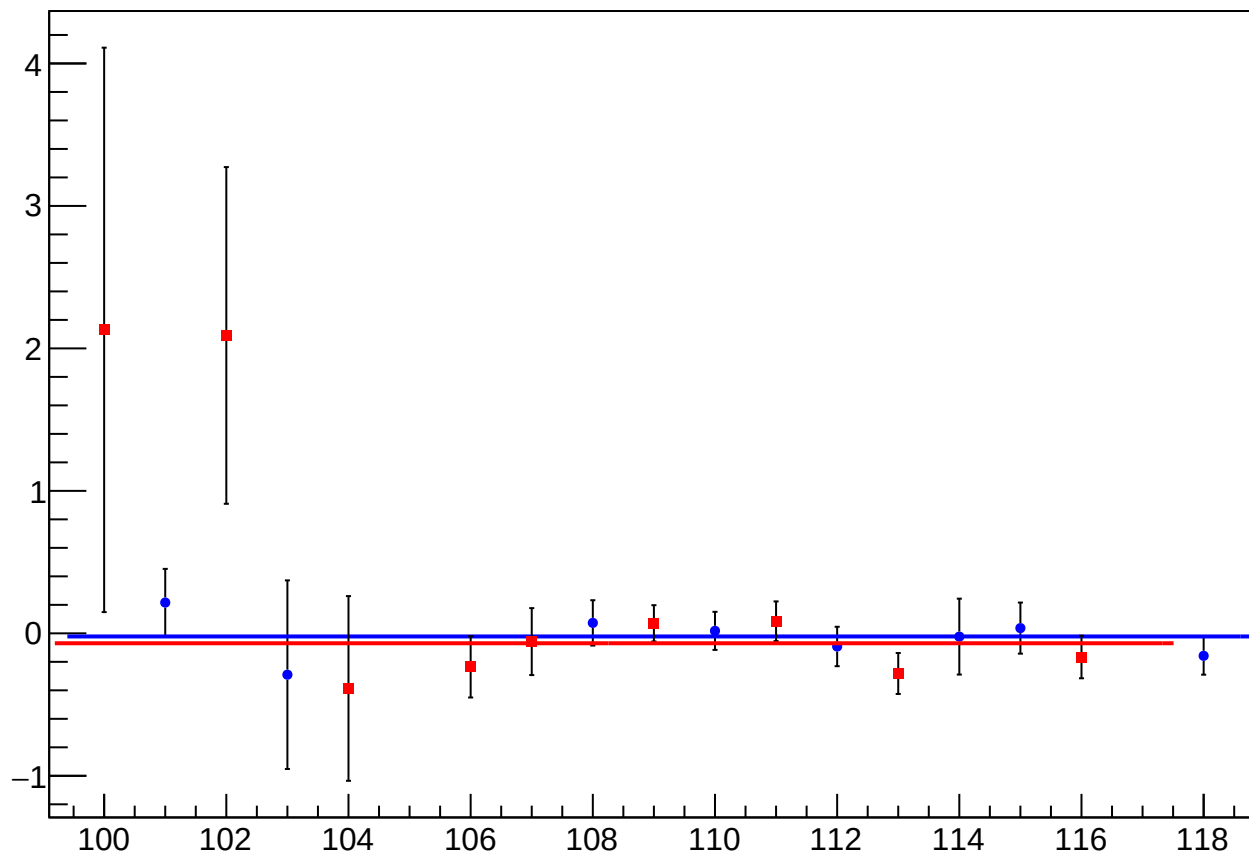
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.476+/-0.031 χ^2/NDF : 2615466.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

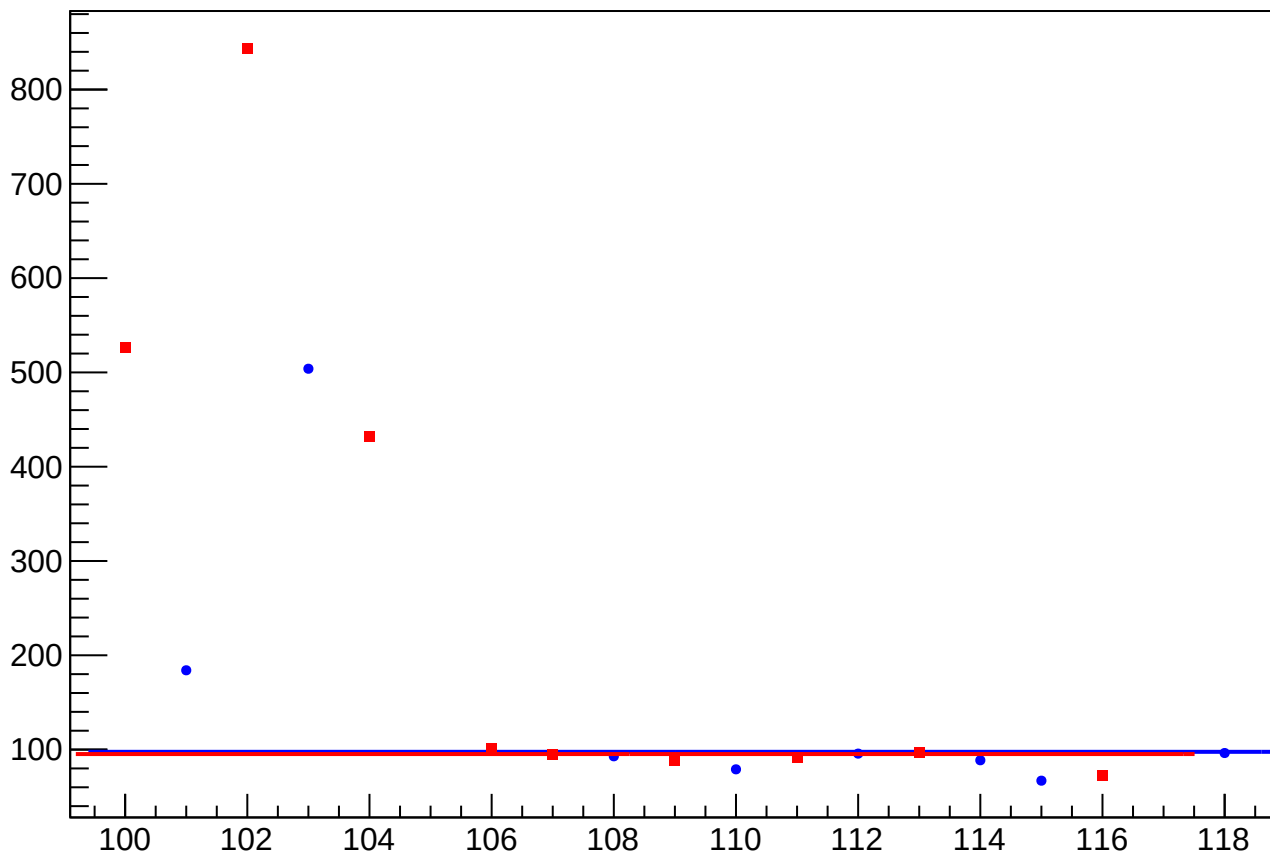
asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.070 $\pm$ 0.063 χ^2 /NDF: 10.5/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: -0.045 $\pm$ 0.044 χ^2 /NDF: 13.8/16
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 97.615 $\pm$ 0.043 χ^2 /NDF: 1122655.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.244 $\pm$ 0.045 χ^2 /NDF: 1491351.9/8

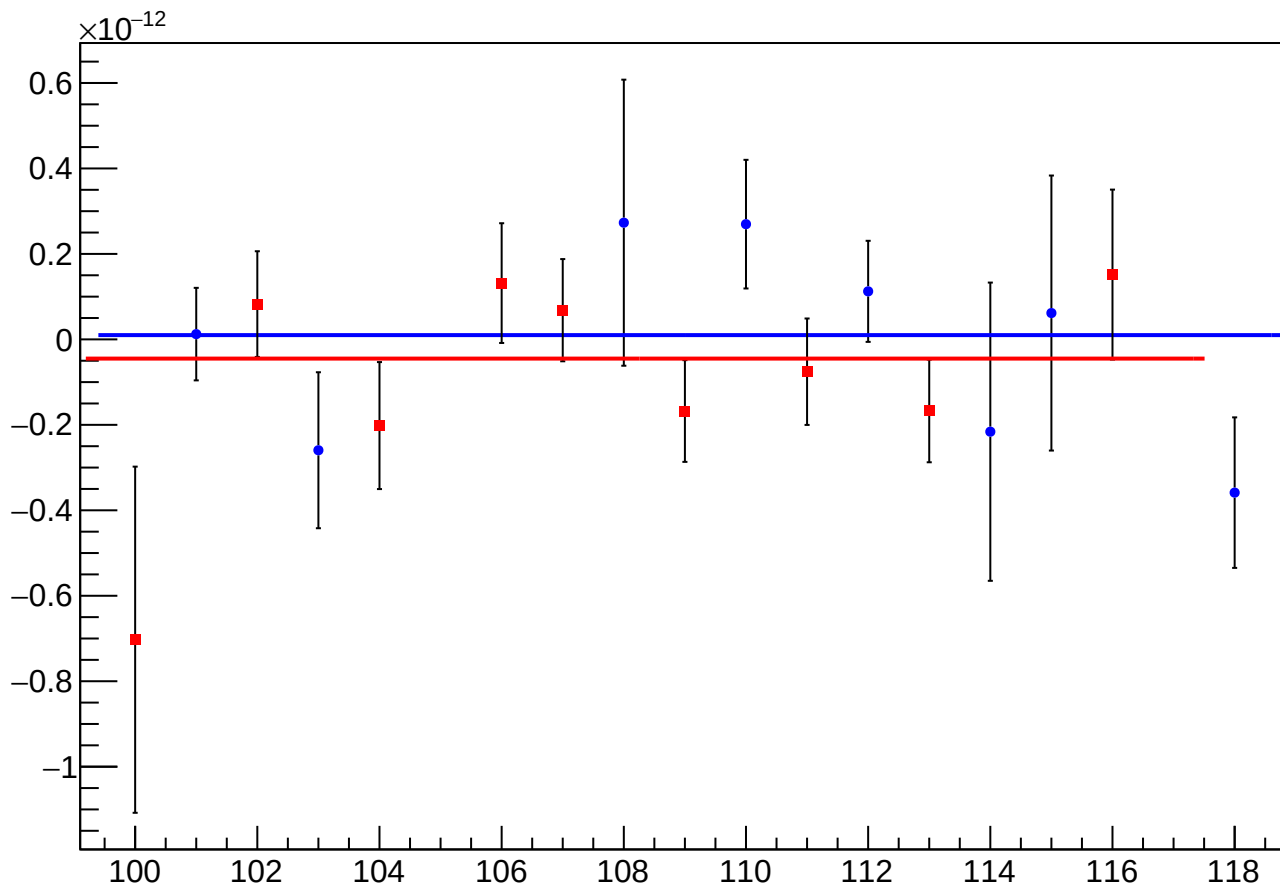
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.476 $\pm$ 0.031 χ^2 /NDF: 2615466.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 10.4/8

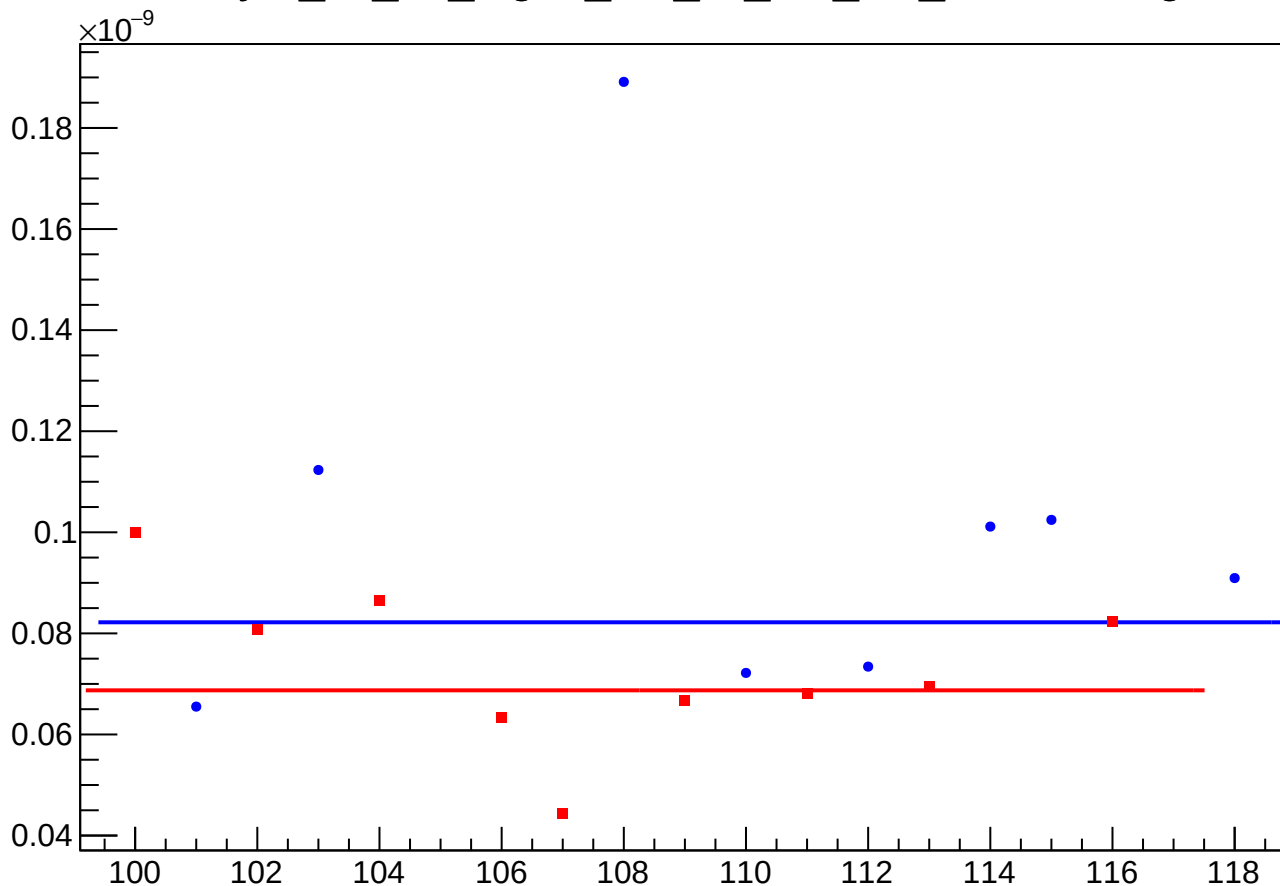
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 155124.3/8

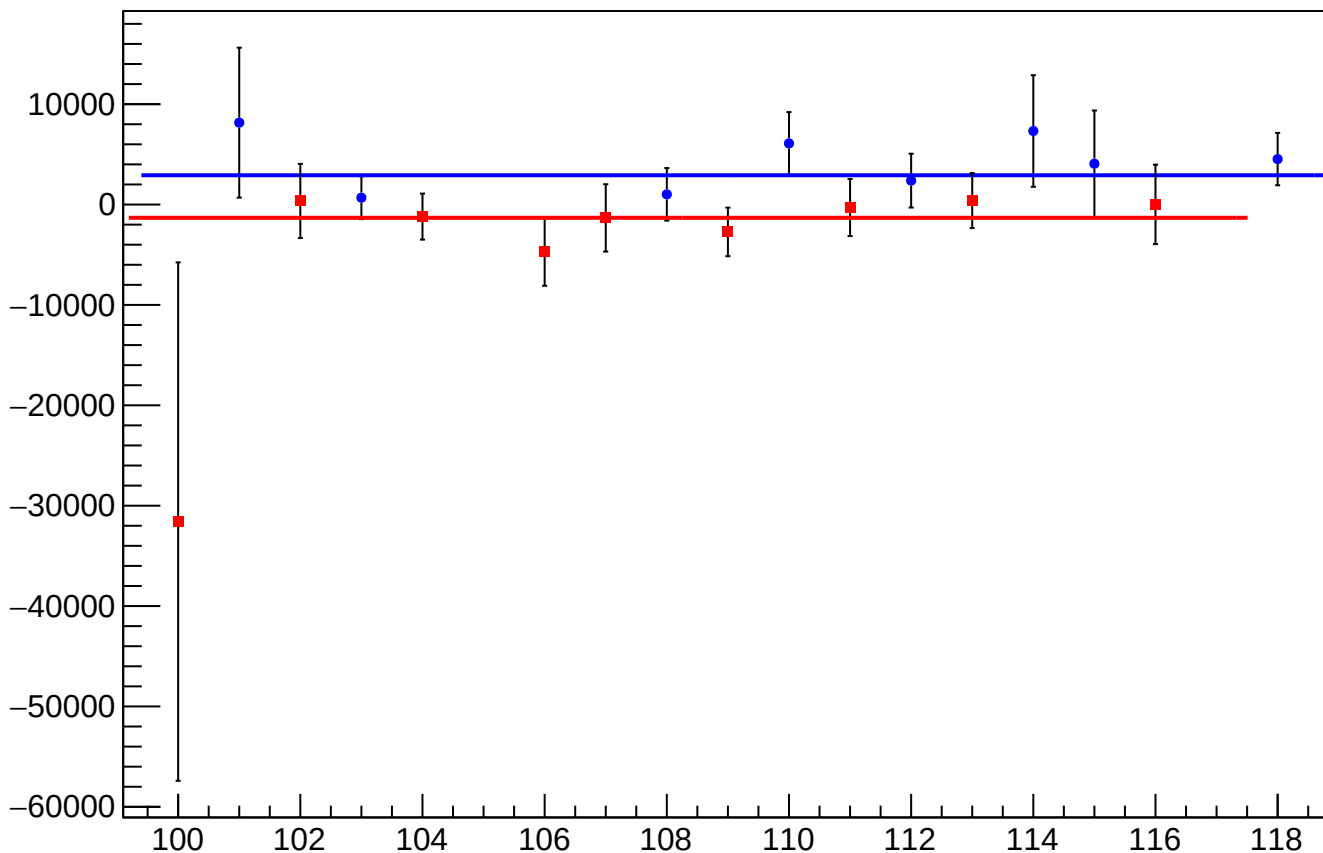
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 564776.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 2916.605 $\pm$ 1091.127 χ^2 /NDF: 4.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1319.497 $\pm$ 1034.760 χ^2 /NDF: 3.6/8

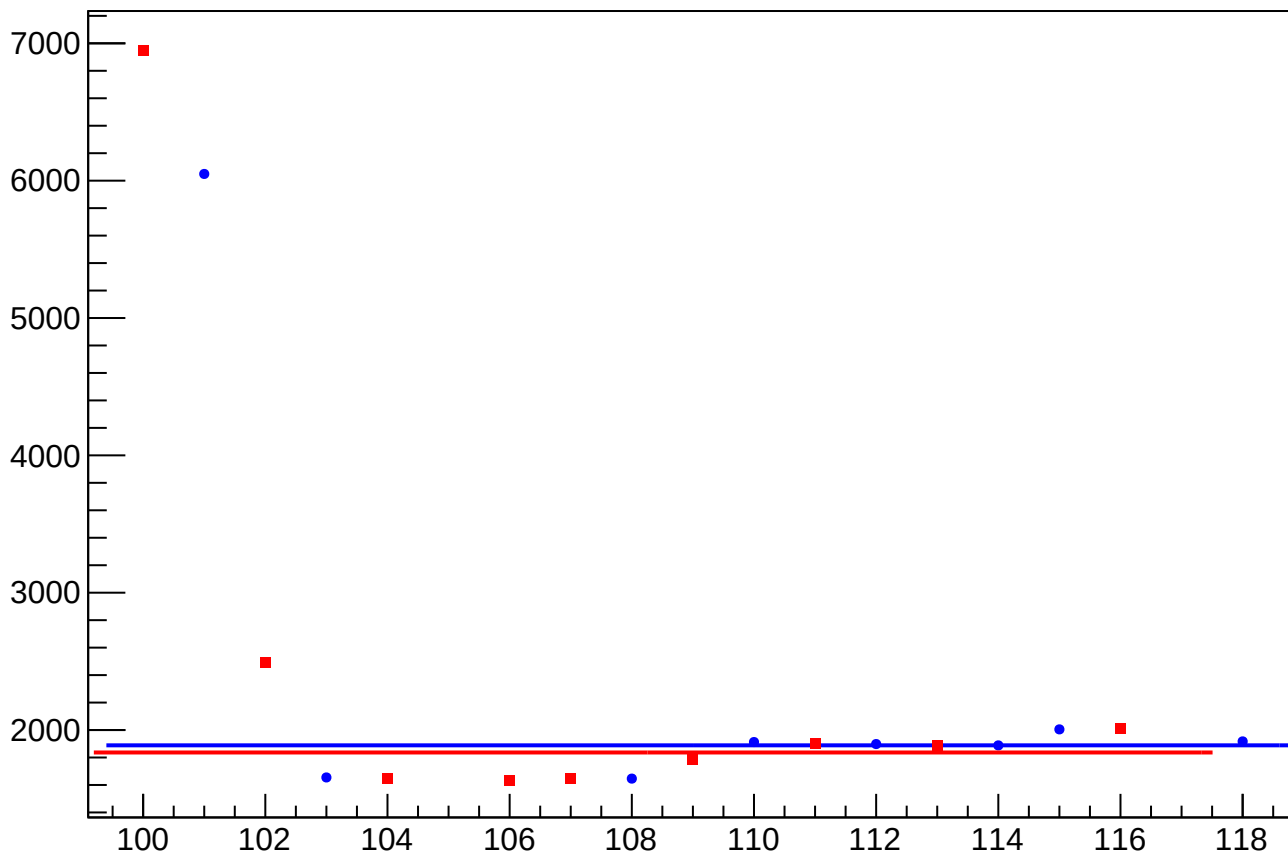
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 686.314 $\pm$ 750.822 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



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: 1836.606+/-0.726 χ^2/NDF : 175761.5/8

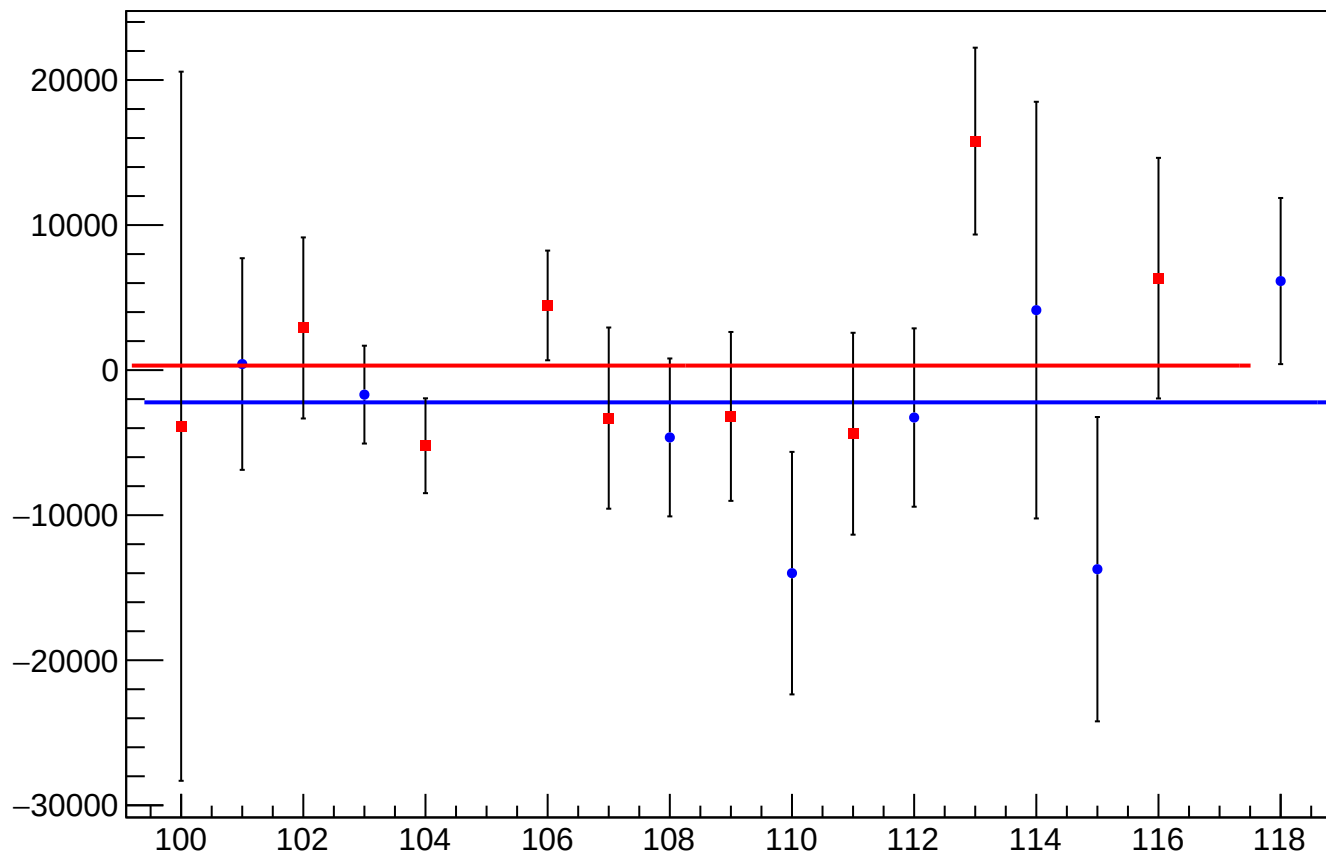
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1861.071+/-0.529 χ^2/NDF : 841206.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



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: 312.902+/-1809.978 χ^2/NDF : 11.7/8

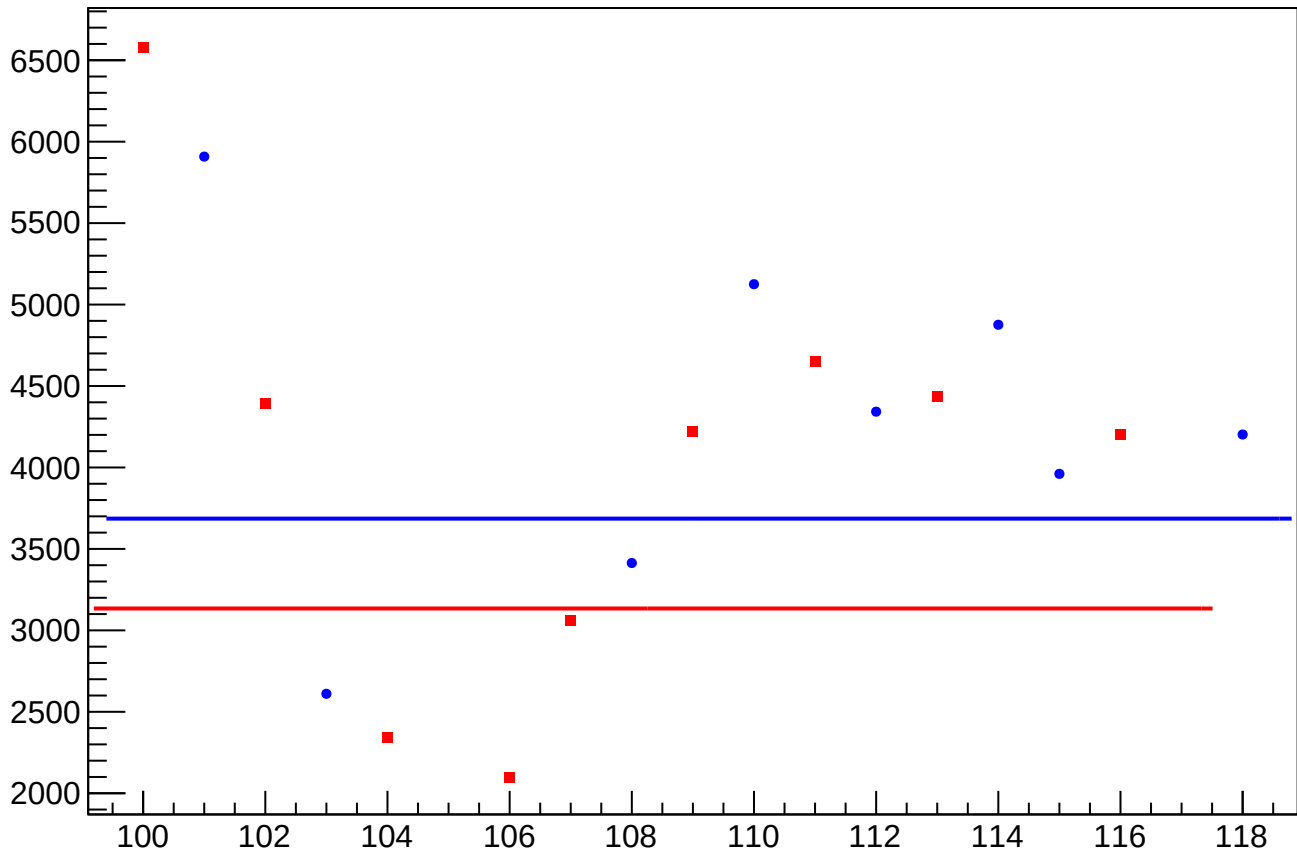
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -764.572+/-1372.468 χ^2/NDF : 18.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



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: 3134.291+/-1.280 χ^2/NDF : 668962.5/8

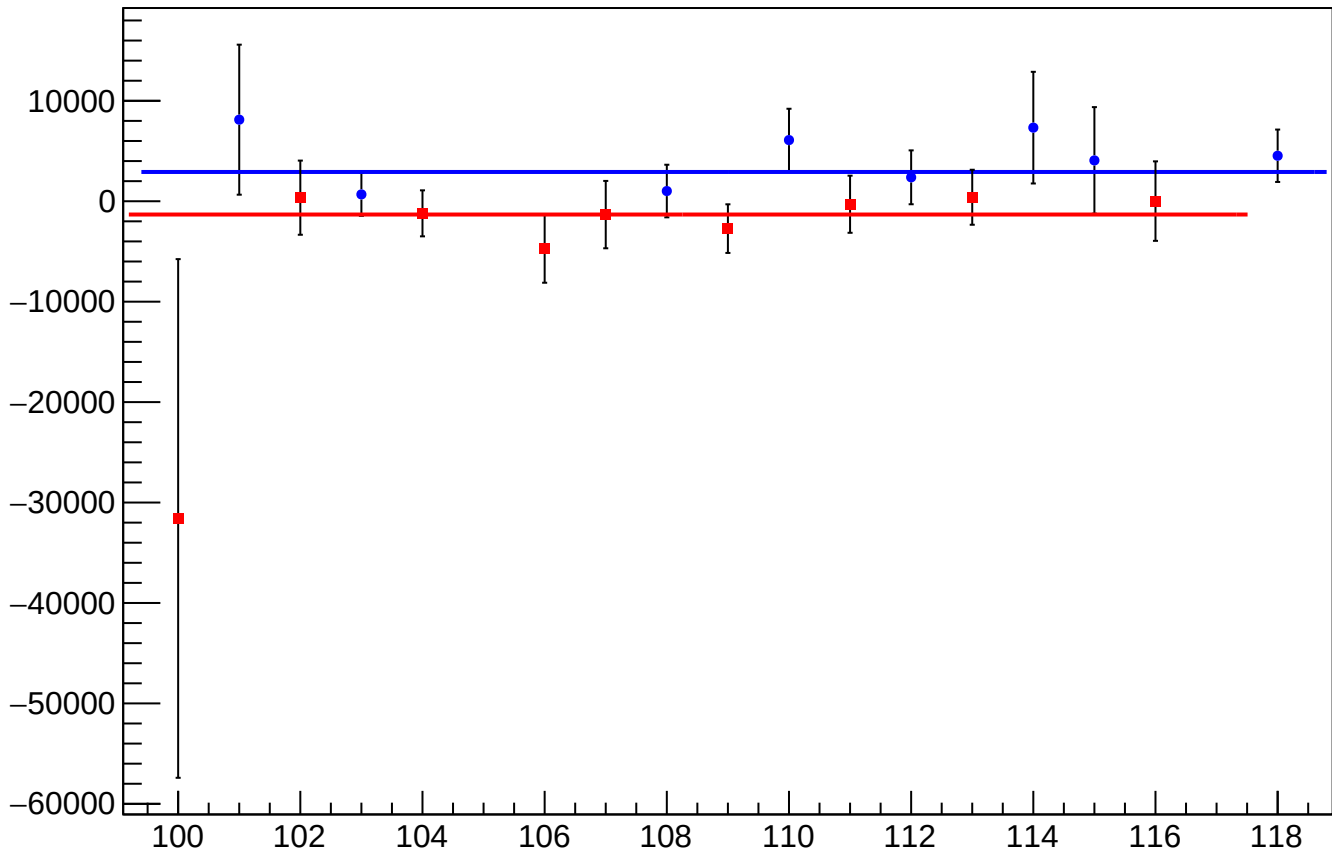
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3368.782+/-0.970 χ^2/NDF : 1255309.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_mean vs Slug



Right In: 2915.174 $\pm$ 1091.128 χ^2 /NDF: 4.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1322.083 $\pm$ 1034.773 χ^2 /NDF: 3.6/8

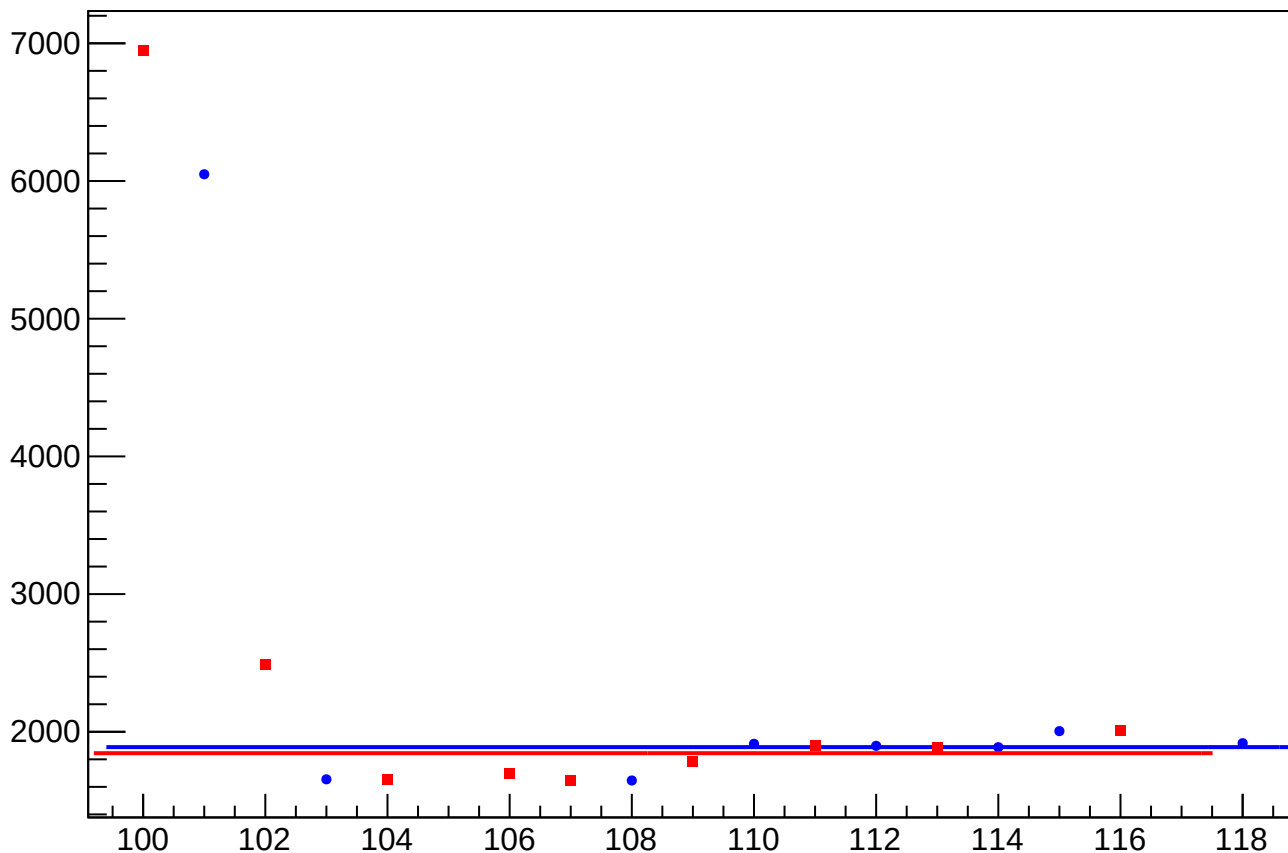
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 684.300 $\pm$ 750.827 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



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: 1844.586+/-0.729 χ^2/NDF : 170900.7/8

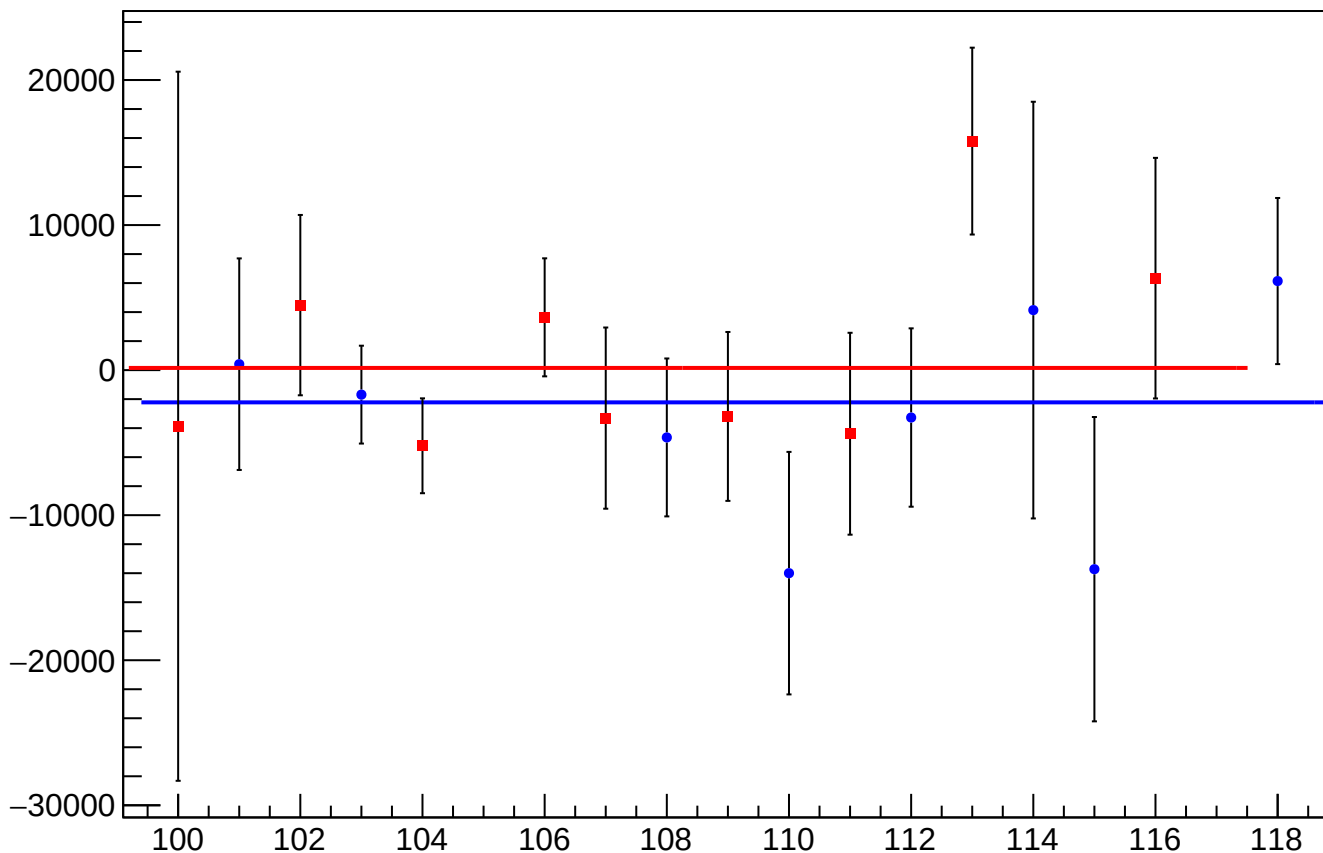
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.389+/-0.530 χ^2/NDF : 835655.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



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: 150.944+/-1838.298 χ^2/NDF : 11.5/8

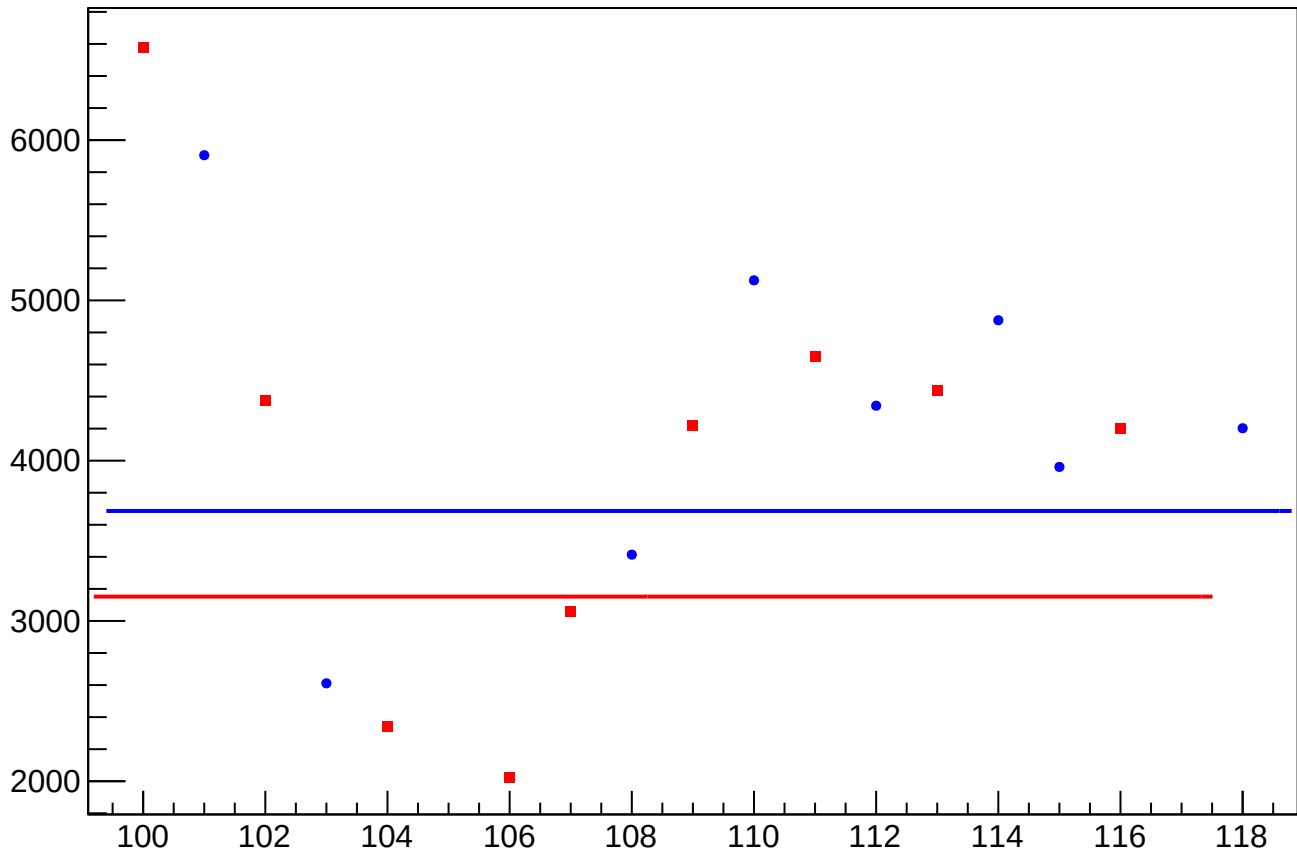
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.011+/-1384.696 χ^2/NDF : 18.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



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: 3151.840+/-1.300 χ^2/NDF : 665135.6/8

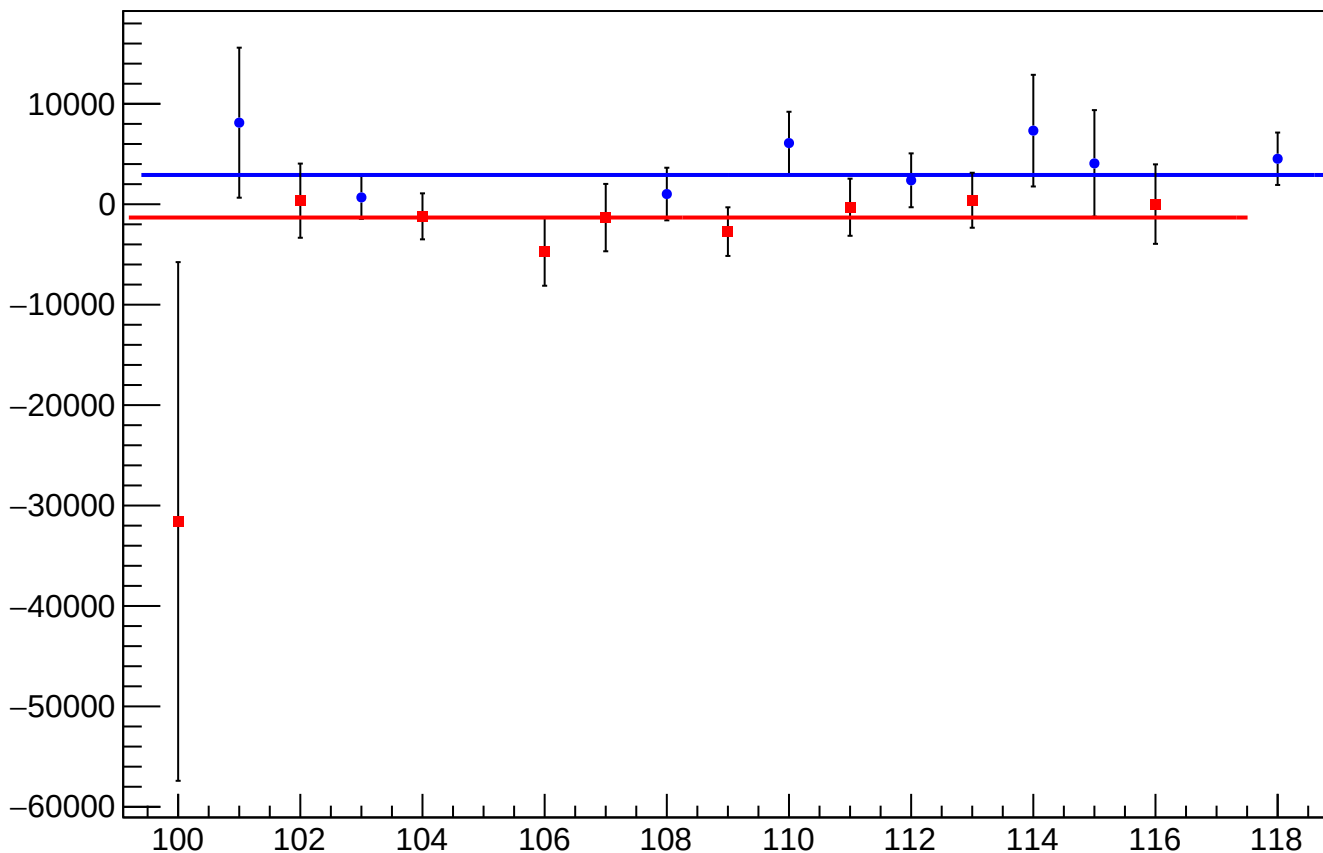
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3383.004+/-0.979 χ^2/NDF : 1245163.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



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: -1322.083+/-1034.773 χ^2/NDF : 3.6/8

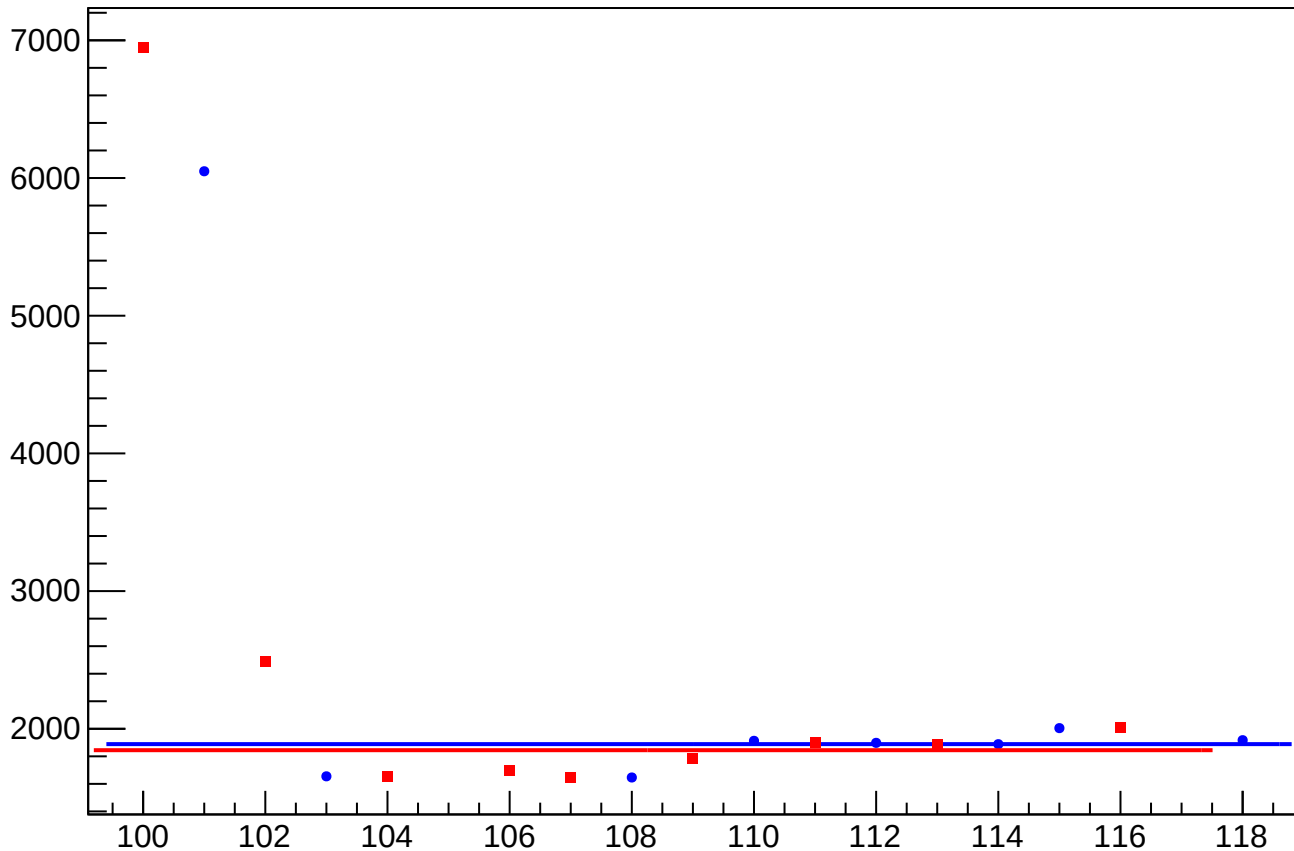
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.300+/-750.827 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



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: 1844.586+/-0.729 χ^2/NDF : 170900.7/8

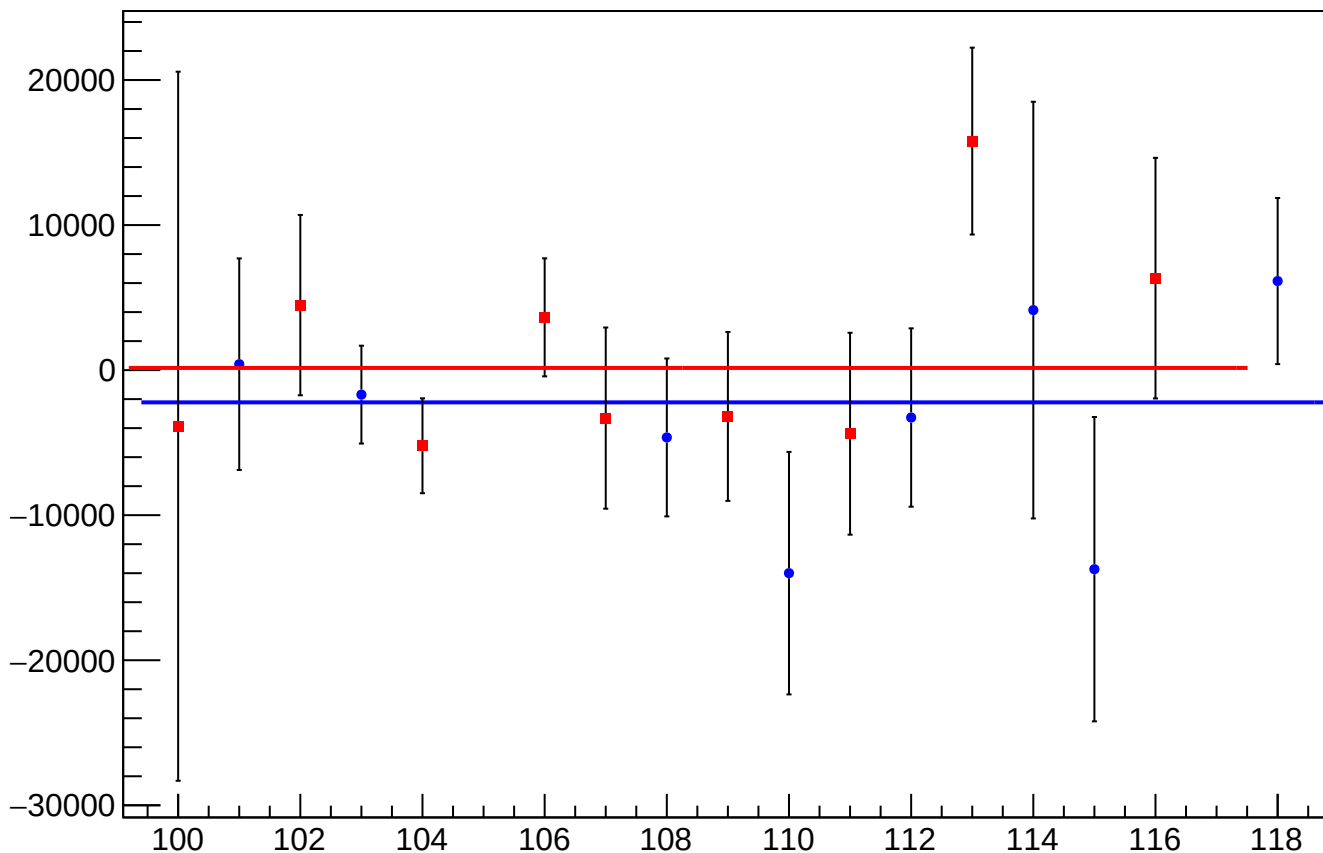
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1865.389+/-0.530 χ^2/NDF : 835655.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



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: 150.944+/-1838.298 χ^2/NDF : 11.5/8

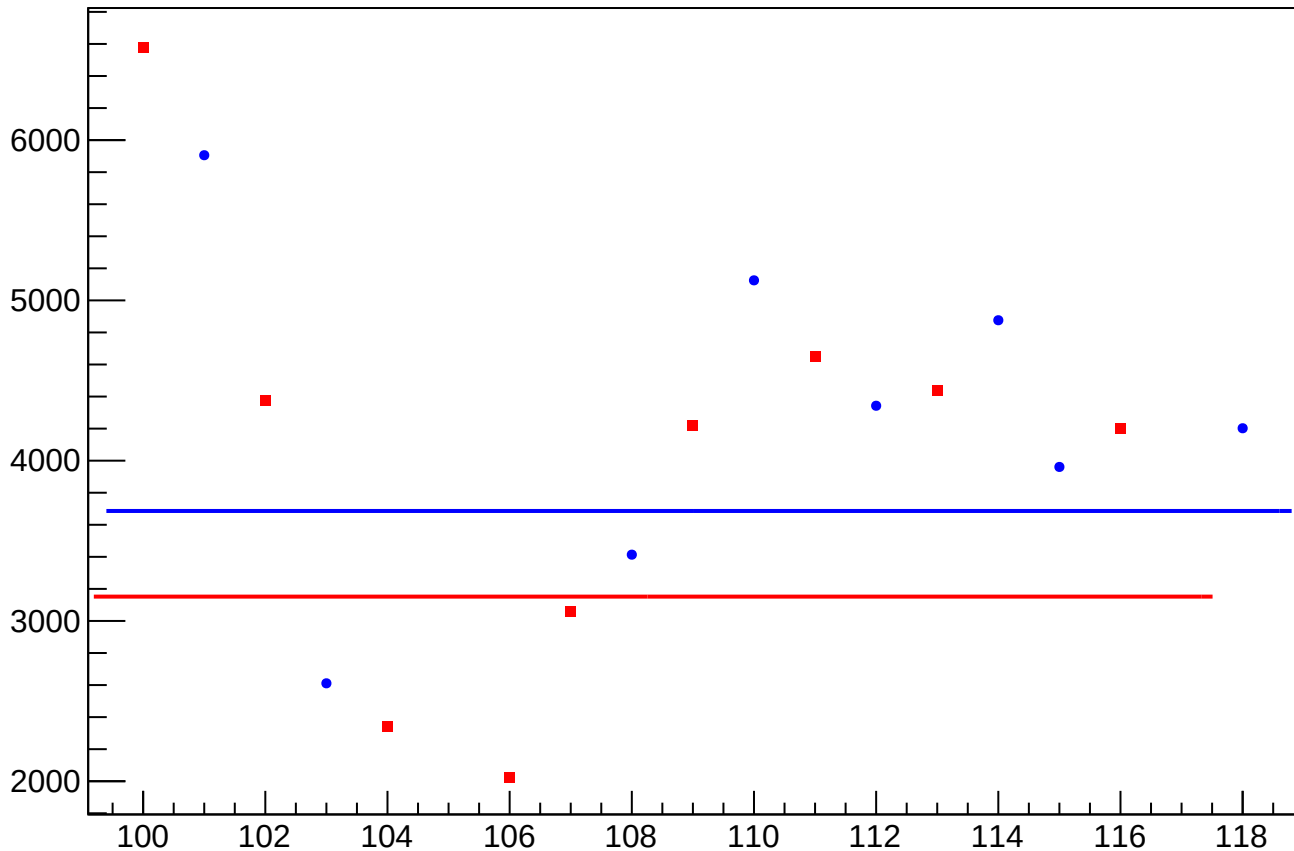
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -876.011+/-1384.696 χ^2/NDF : 18.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



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: 3151.840+/-1.300 χ^2/NDF : 665135.6/8

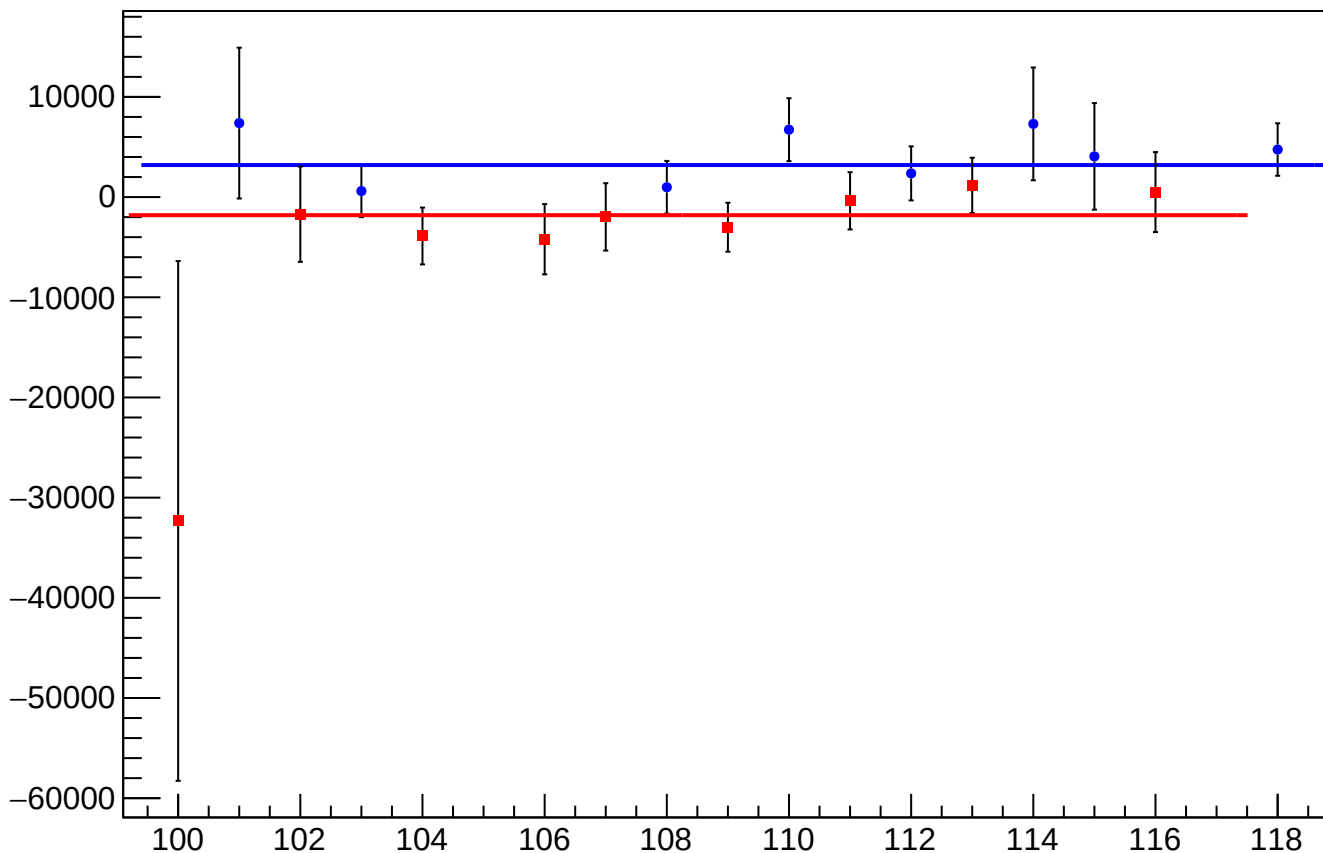
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3383.004+/-0.979 χ^2/NDF : 1245163.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 3199.076 $\pm$ 1146.462 χ^2 /NDF: 4.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1806.901 $\pm$ 1101.906 χ^2 /NDF: 4.4/8

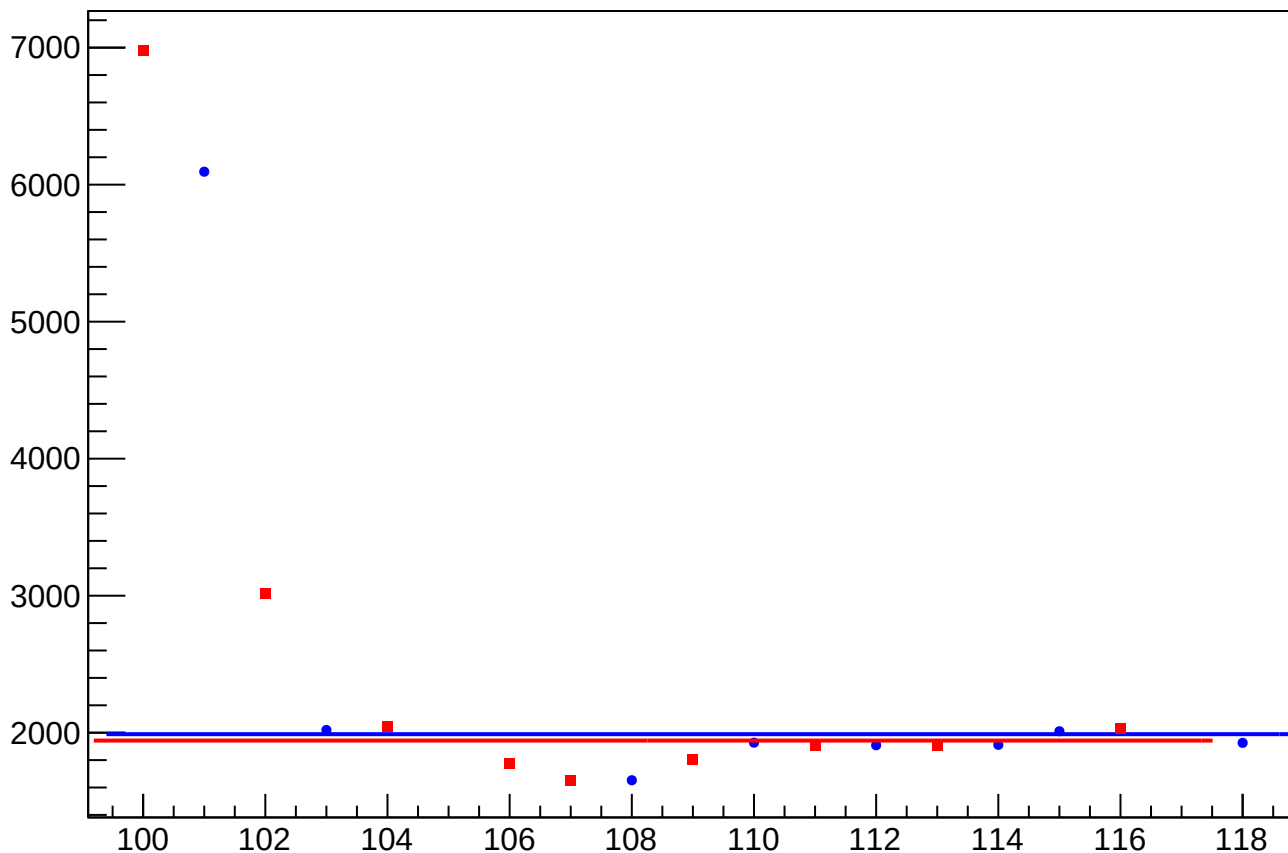
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 596.923 $\pm$ 794.450 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



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: 1942.590+/-0.778 χ^2/NDF : 208208.5/8

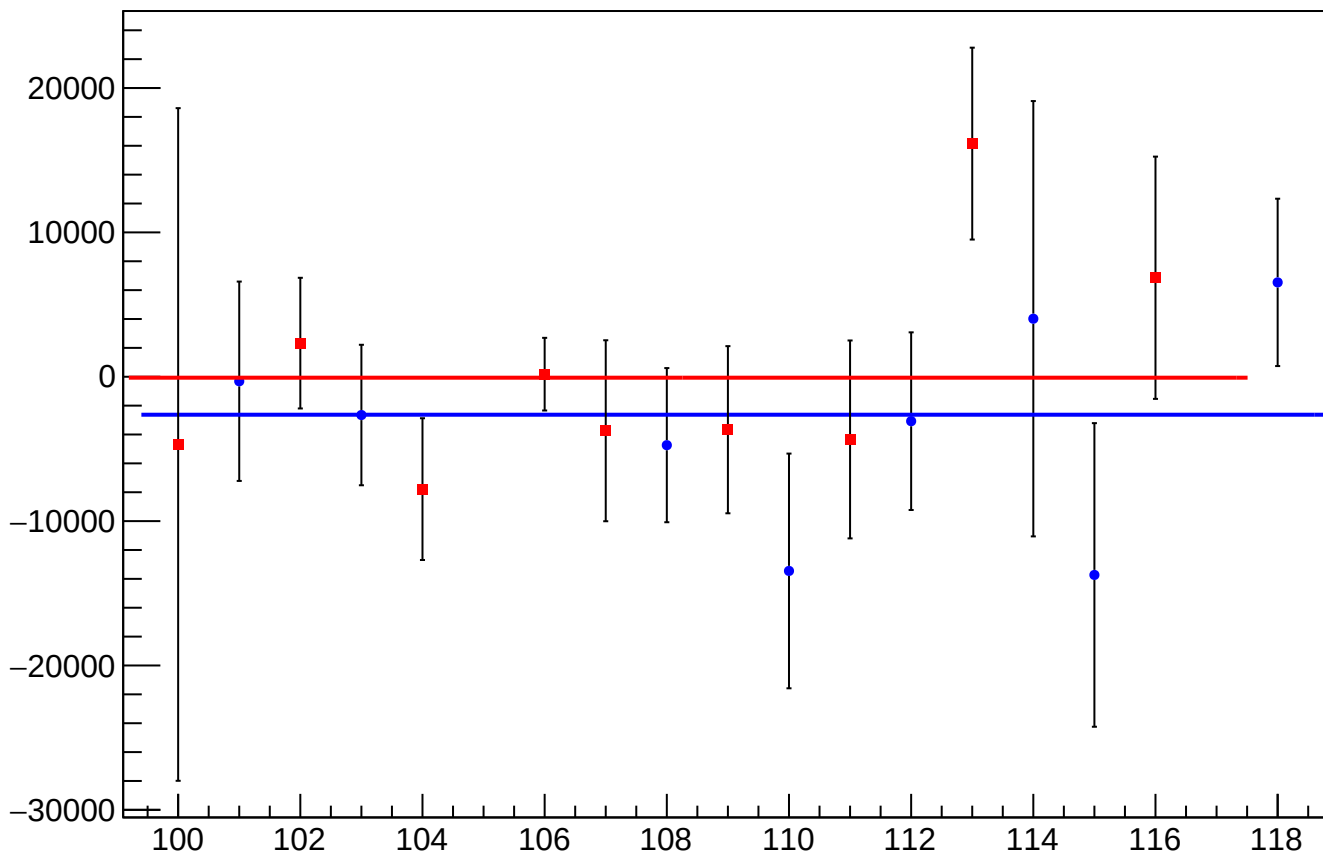
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.969+/-0.561 χ^2/NDF : 841851.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -2630.057 ± 2337.276 $\chi^2/\text{NDF}: 5.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -64.985 ± 1658.625 $\chi^2/\text{NDF}: 10.6/8$

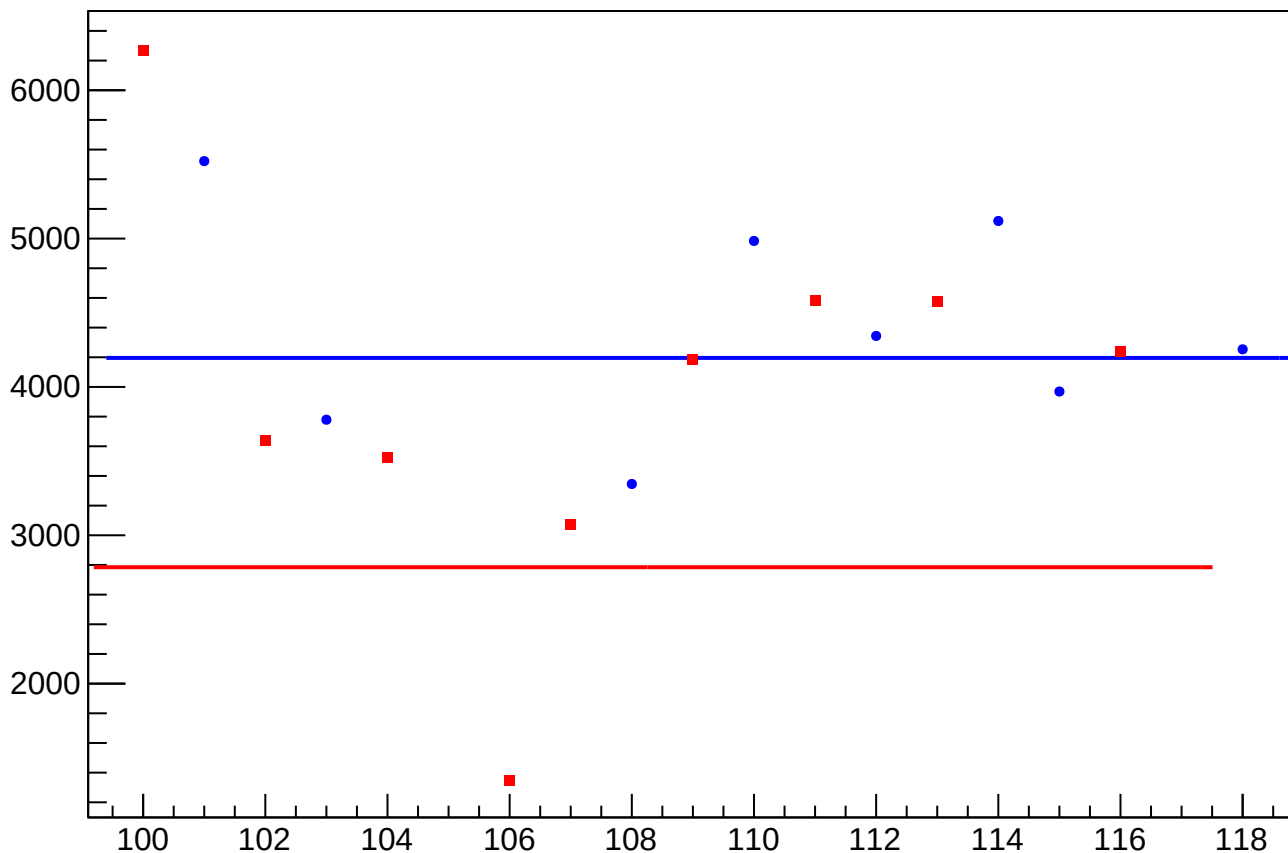
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -924.092 ± 1352.645 $\chi^2/\text{NDF}: 17.2/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4195.659 $\pm$ 1.653 χ^2 /NDF: 167754.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2784.794 $\pm$ 1.173 χ^2 /NDF: 1277645.8/8

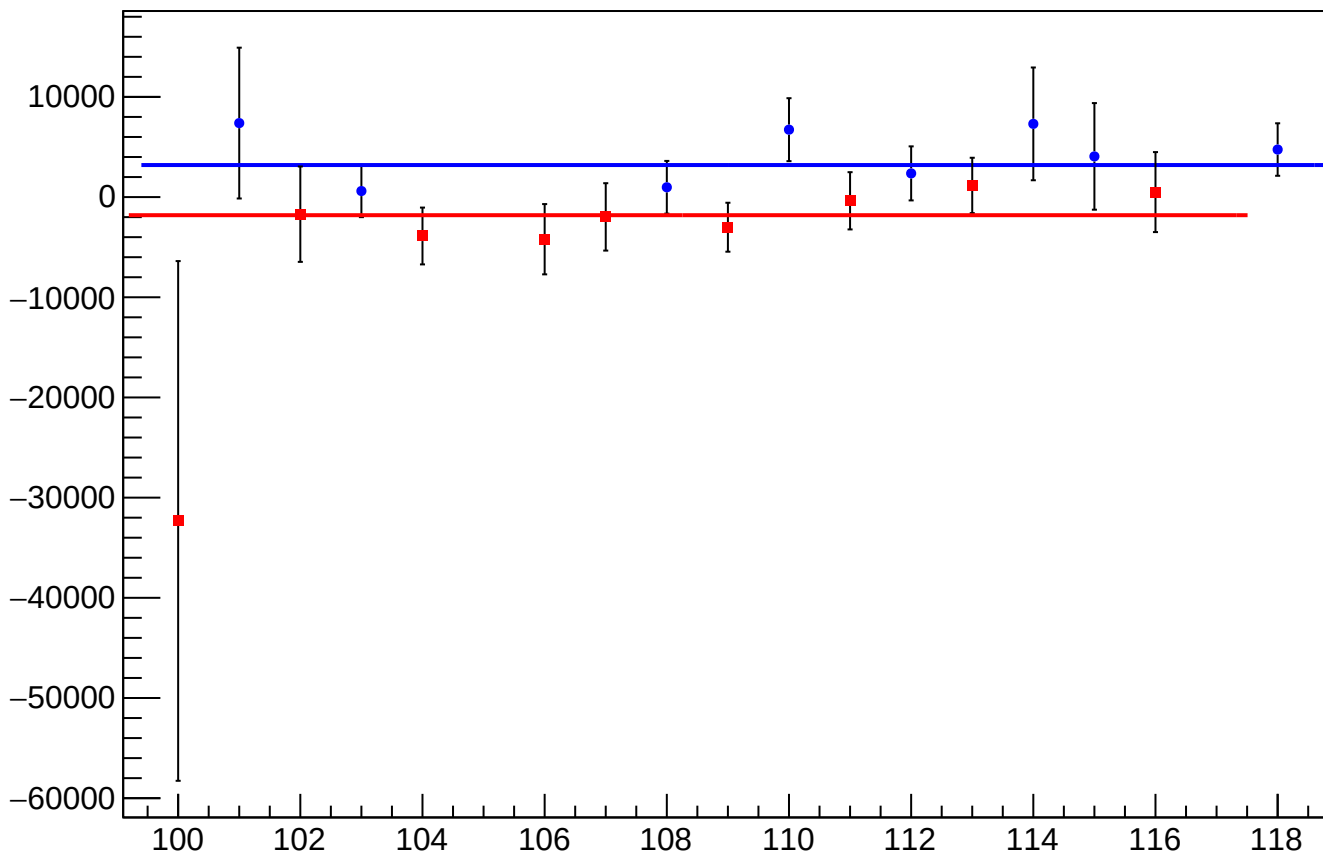
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3257.328 $\pm$ 0.956 χ^2 /NDF: 1930076.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



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: -1806.905+/-1101.906 χ^2/NDF : 4.4/8

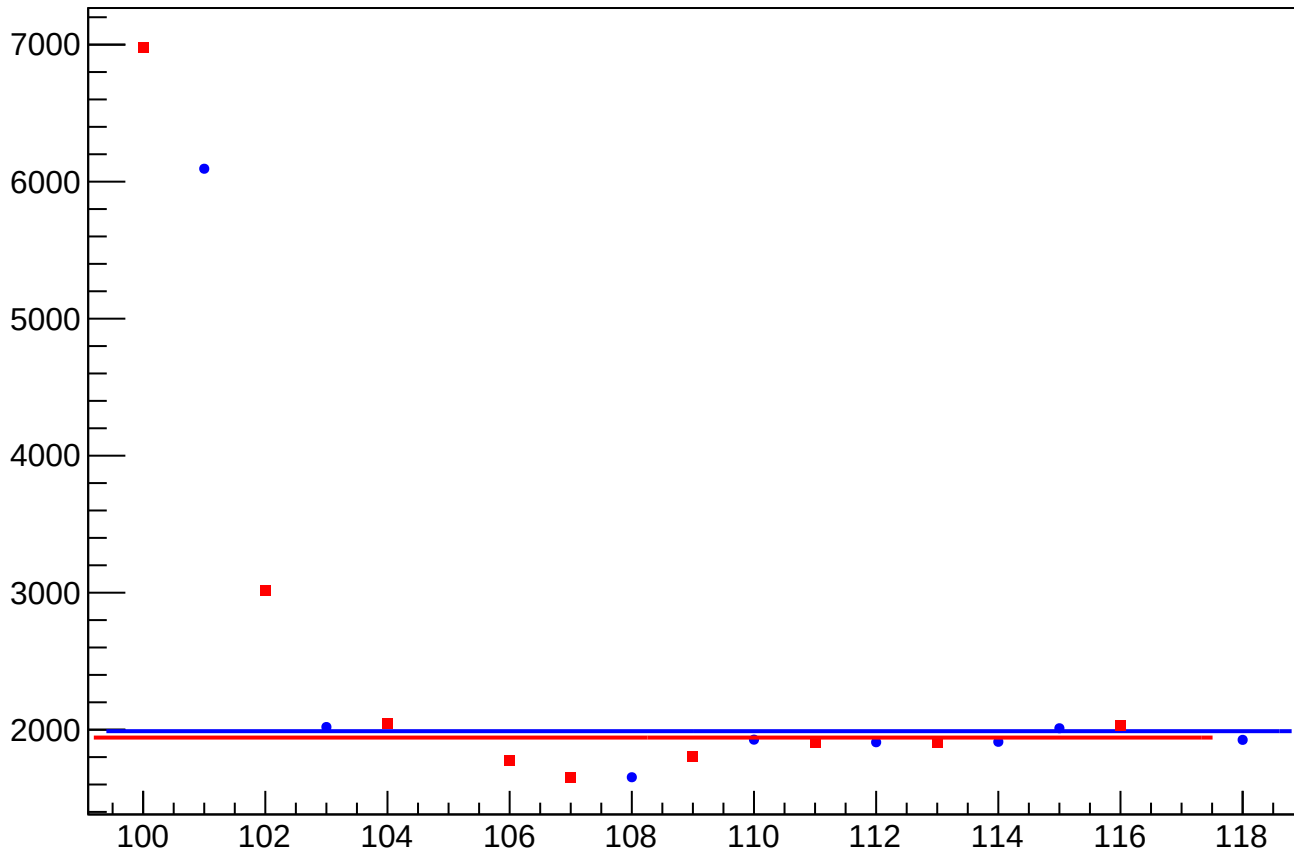
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.922+/-794.450 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1989.289 $\pm$ 0.811 χ^2 /NDF: 631914.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1942.589 $\pm$ 0.778 χ^2 /NDF: 208208.1/8

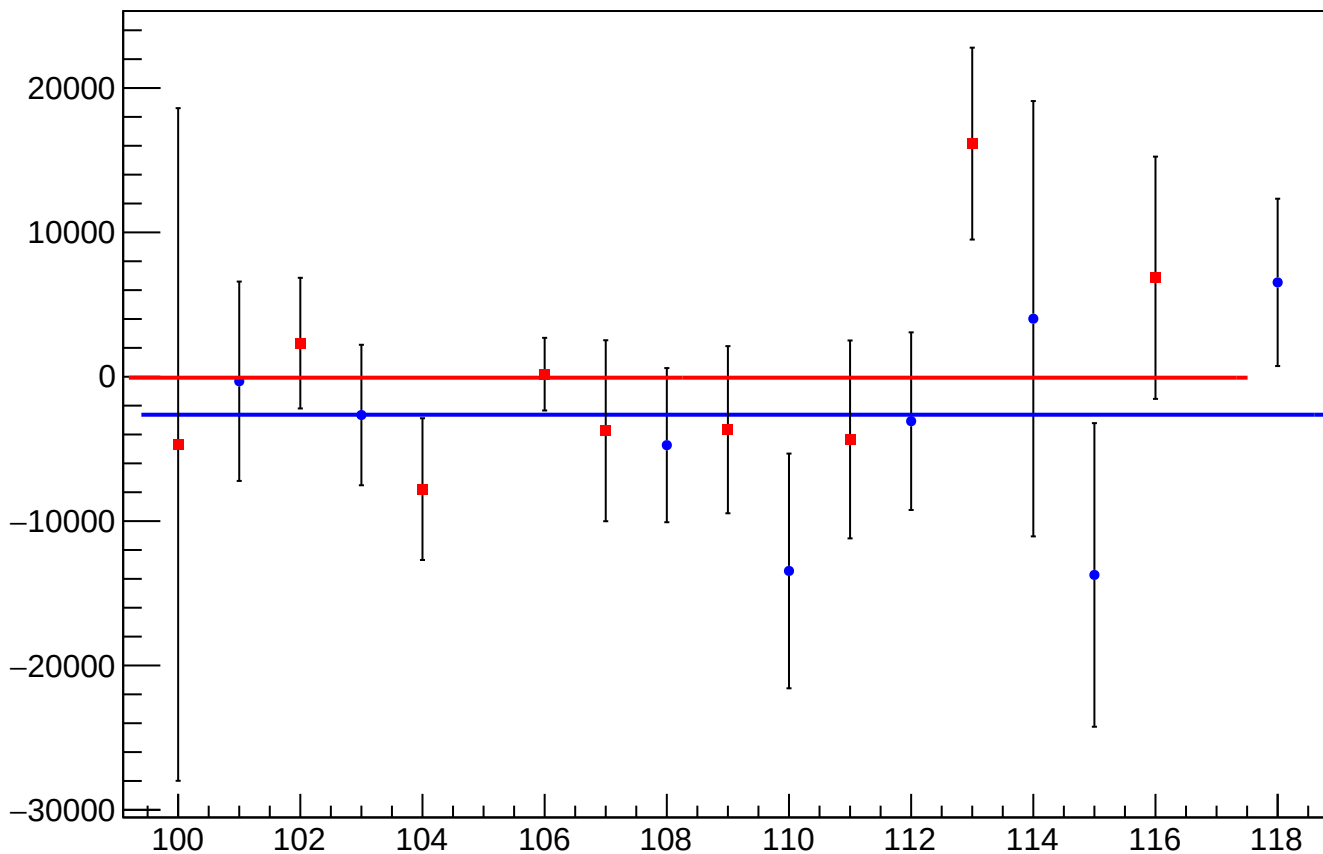
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1964.968 $\pm$ 0.561 χ^2 /NDF: 841850.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



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: -64.982+/-1658.622 χ^2/NDF : 10.6/8

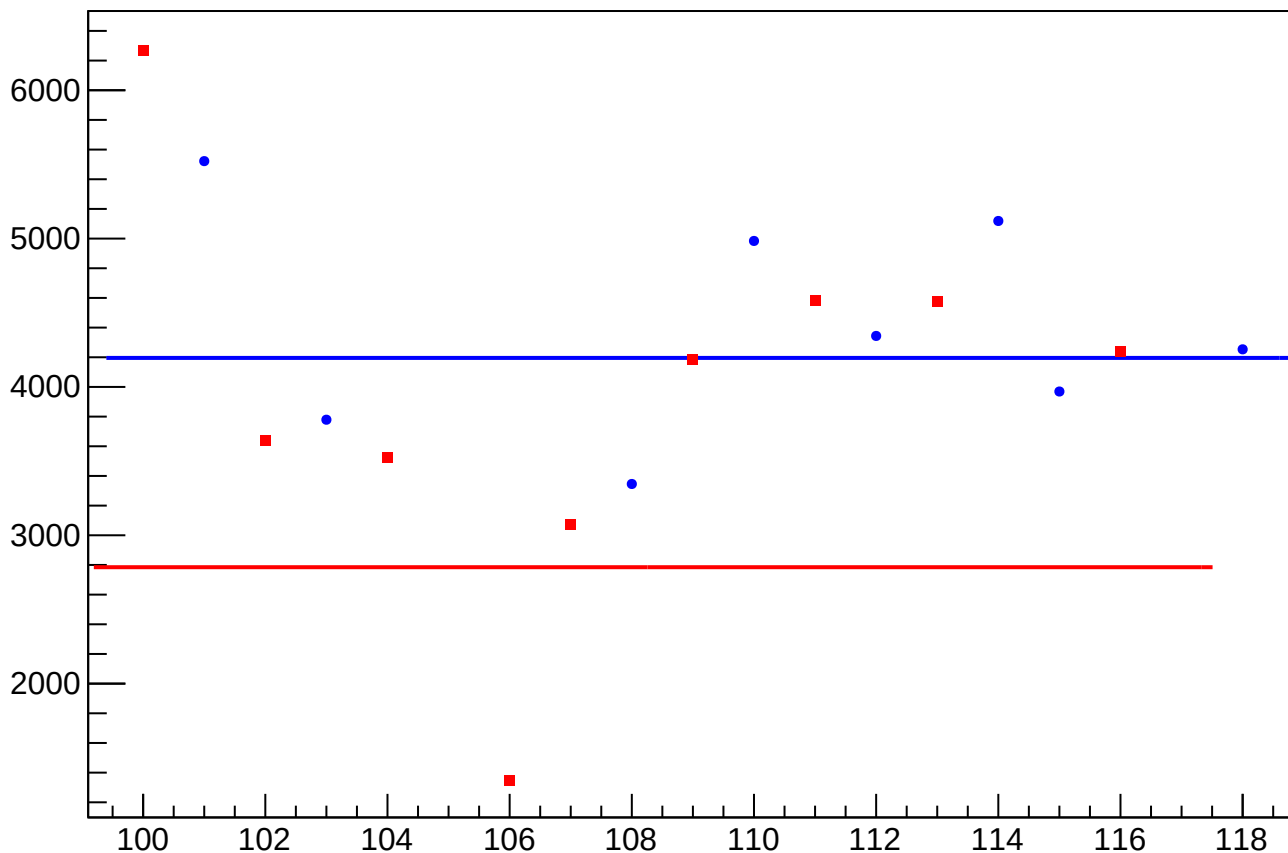
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -924.086+/-1352.642 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



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: 2784.787+/-1.173 χ^2/NDF : 1277650.1/8

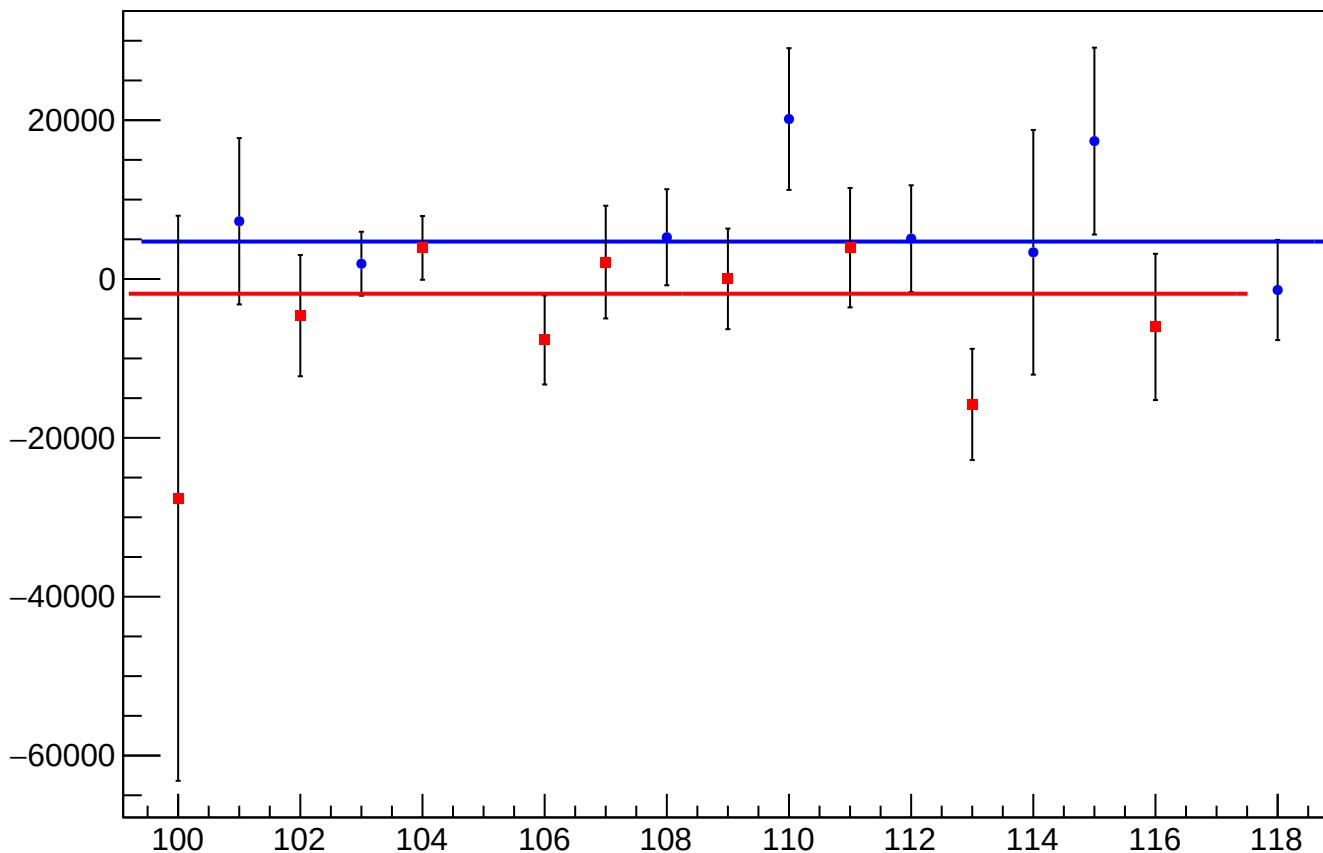
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3257.321+/-0.956 χ^2/NDF : 1930081.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 4717.292 $\pm$ 2429.058 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1851.370 $\pm$ 2200.418 χ^2 /NDF: 9.0/8

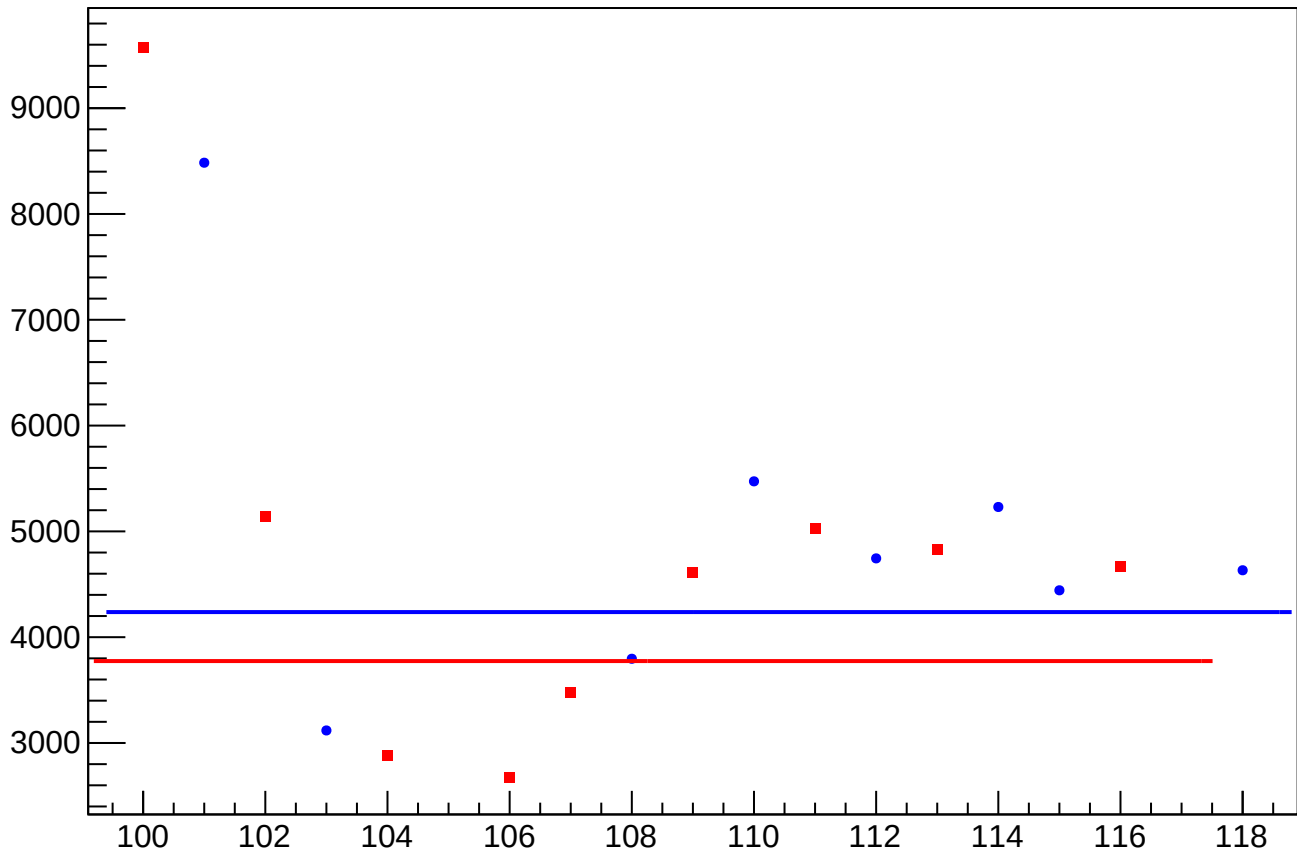
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1109.338 $\pm$ 1630.787 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_rms vs Slug



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: 3774.308+/-1.533 χ^2/NDF : 465730.6/8

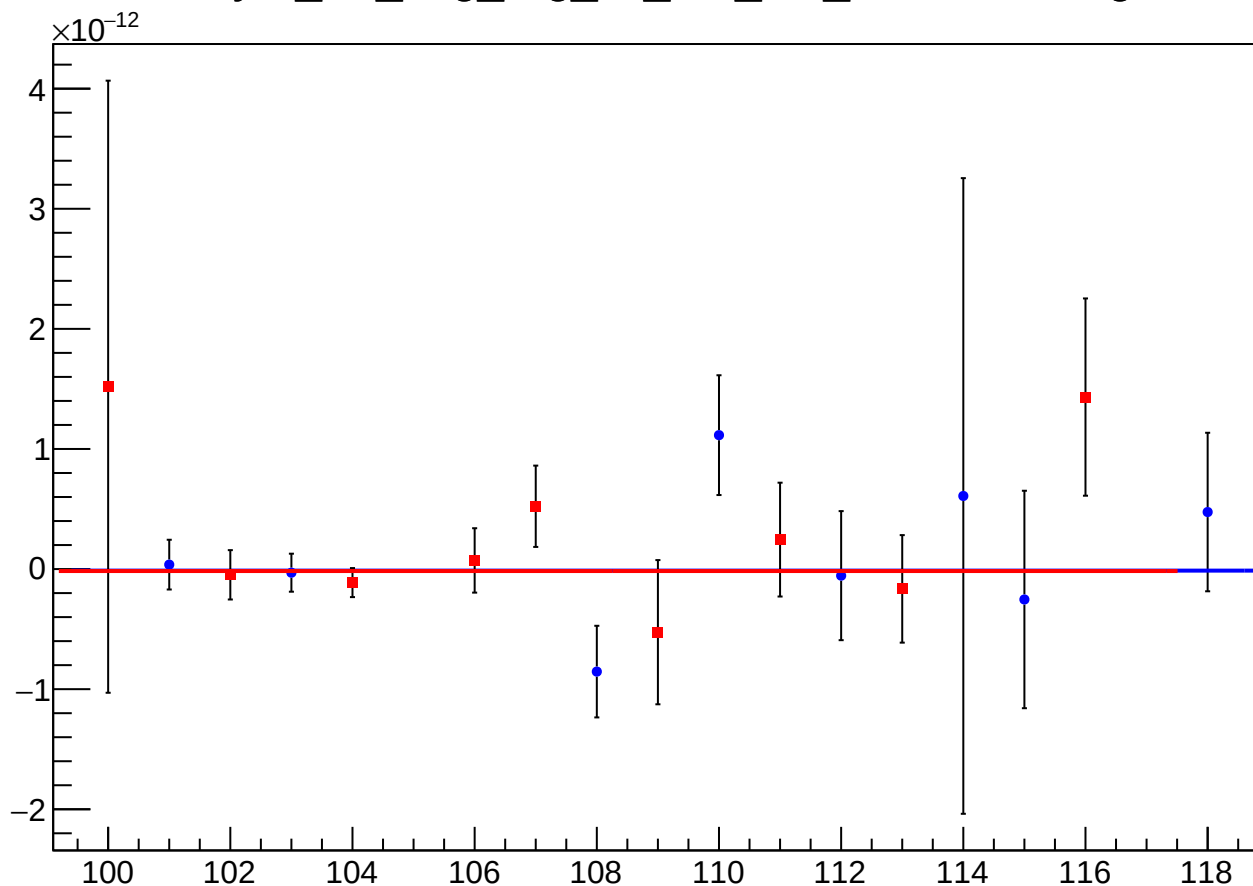
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3979.581+/-1.144 χ^2/NDF : 1066981.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



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 : 7.9/8

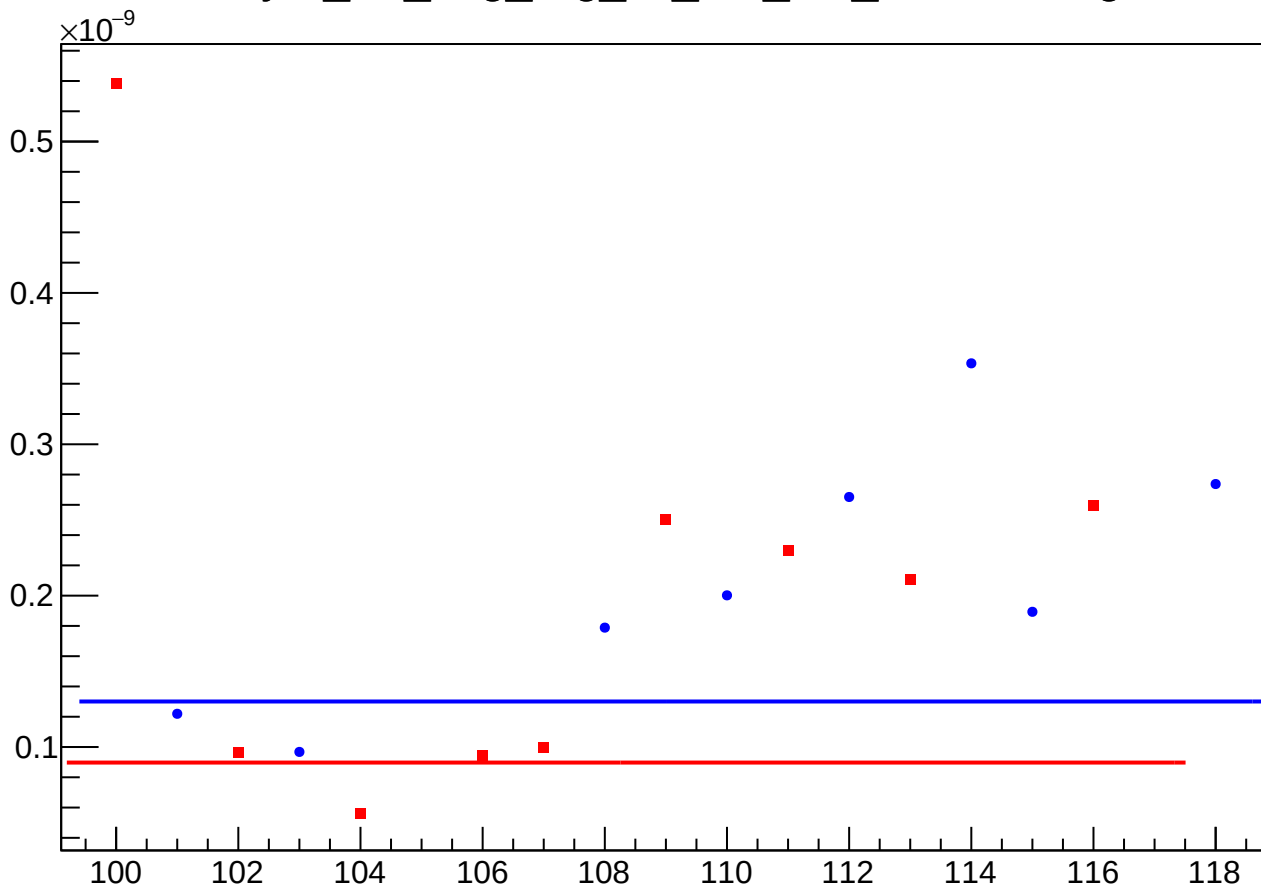
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_rms vs Slug



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 : 771231.0/8

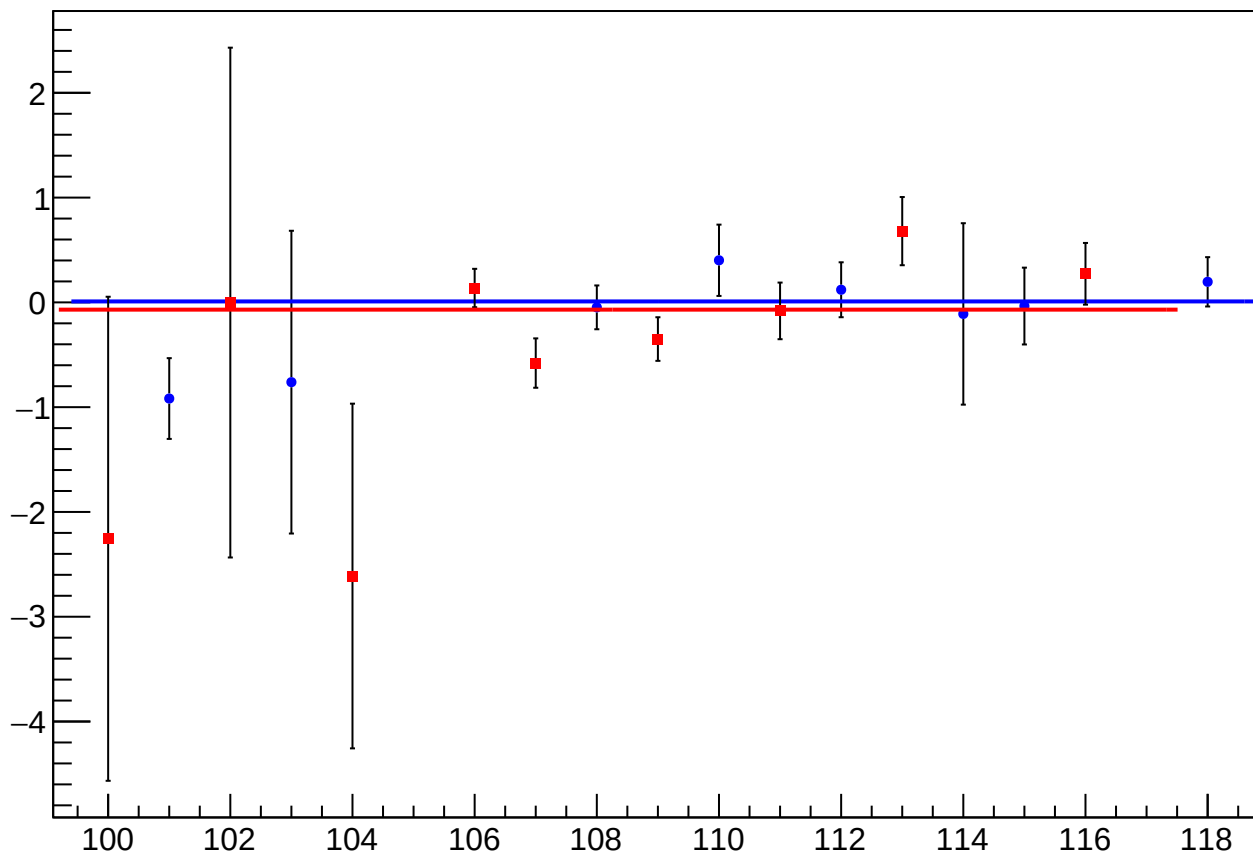
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1341388.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.112 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8

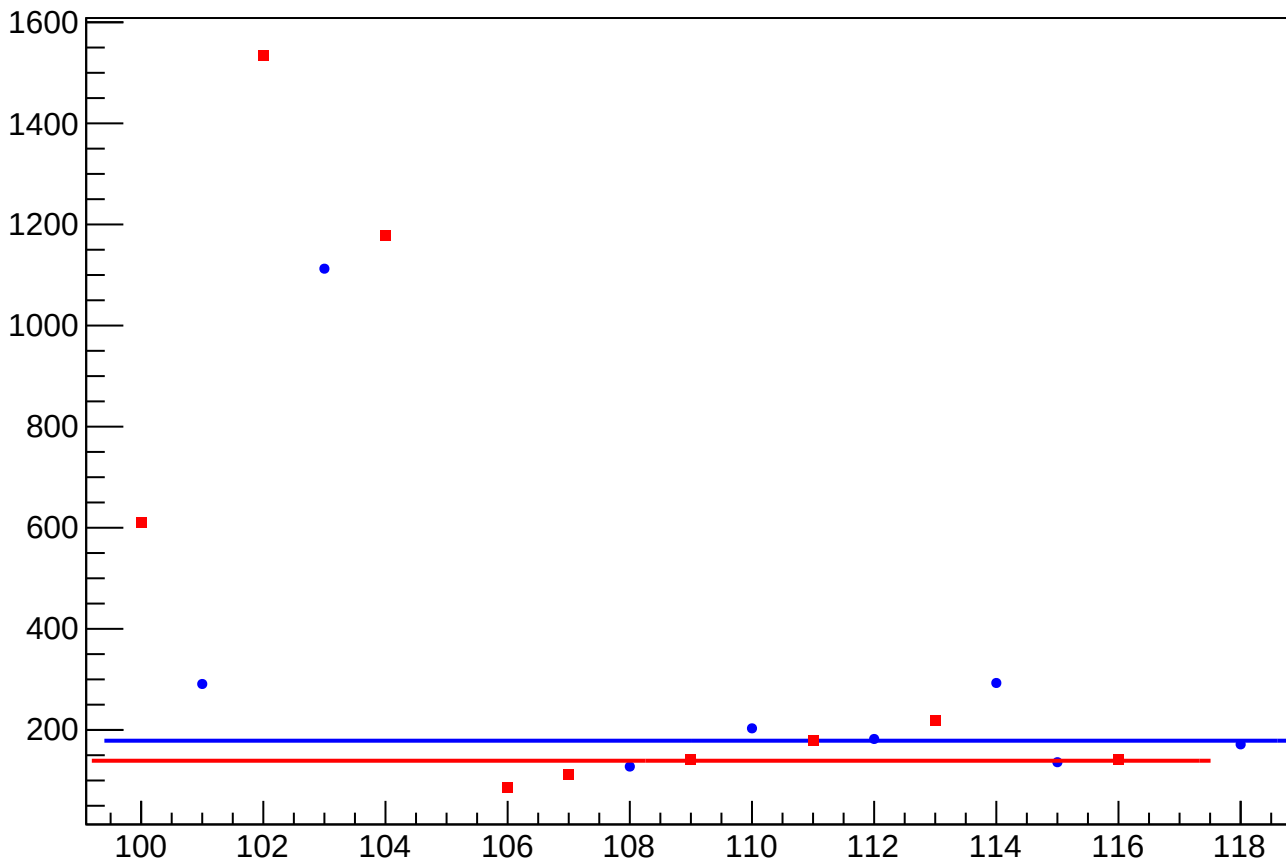
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.036 $\pm$ 0.073 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 178.705 $\pm$ 0.079 χ^2 /NDF: 1199220.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.088 $\pm$ 0.069 χ^2 /NDF: 1897688.3/8

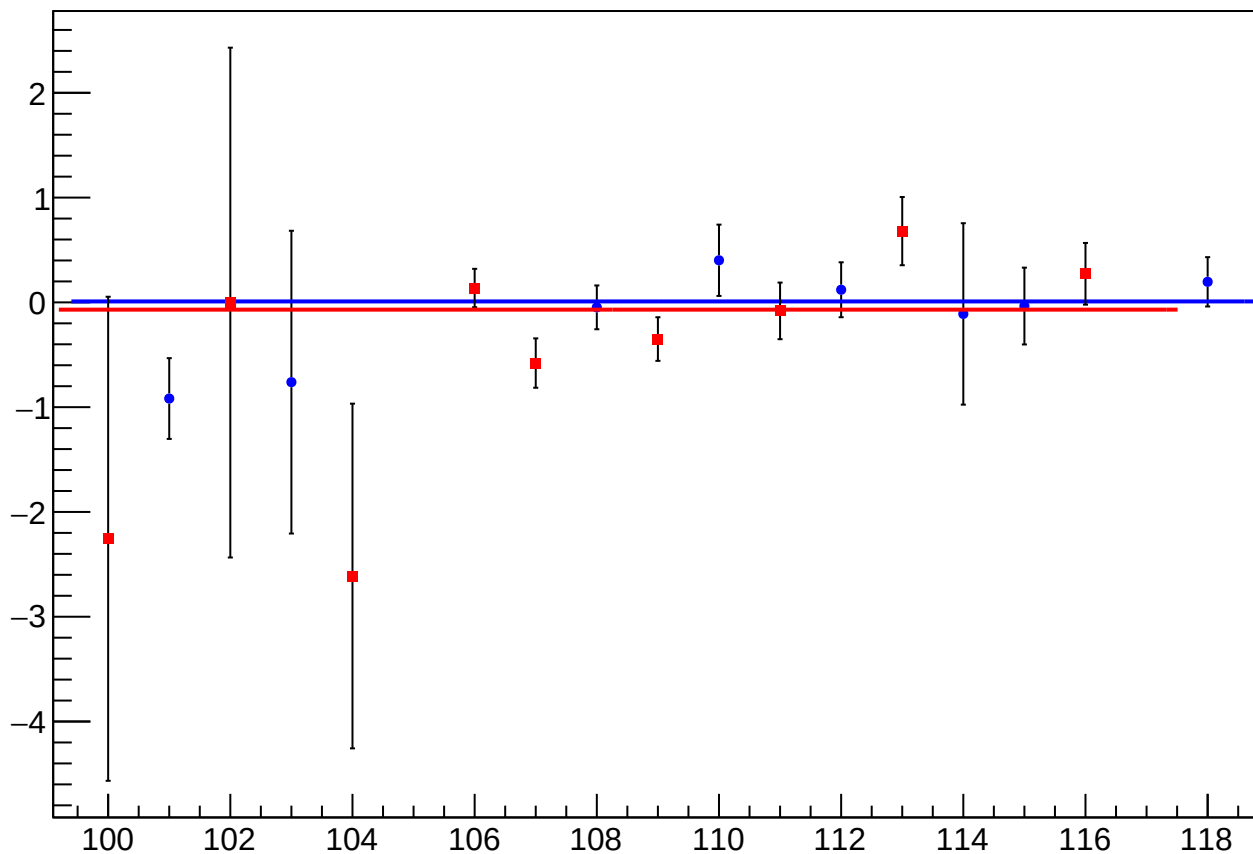
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.114 $\pm$ 0.052 χ^2 /NDF: 3240332.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.112 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8

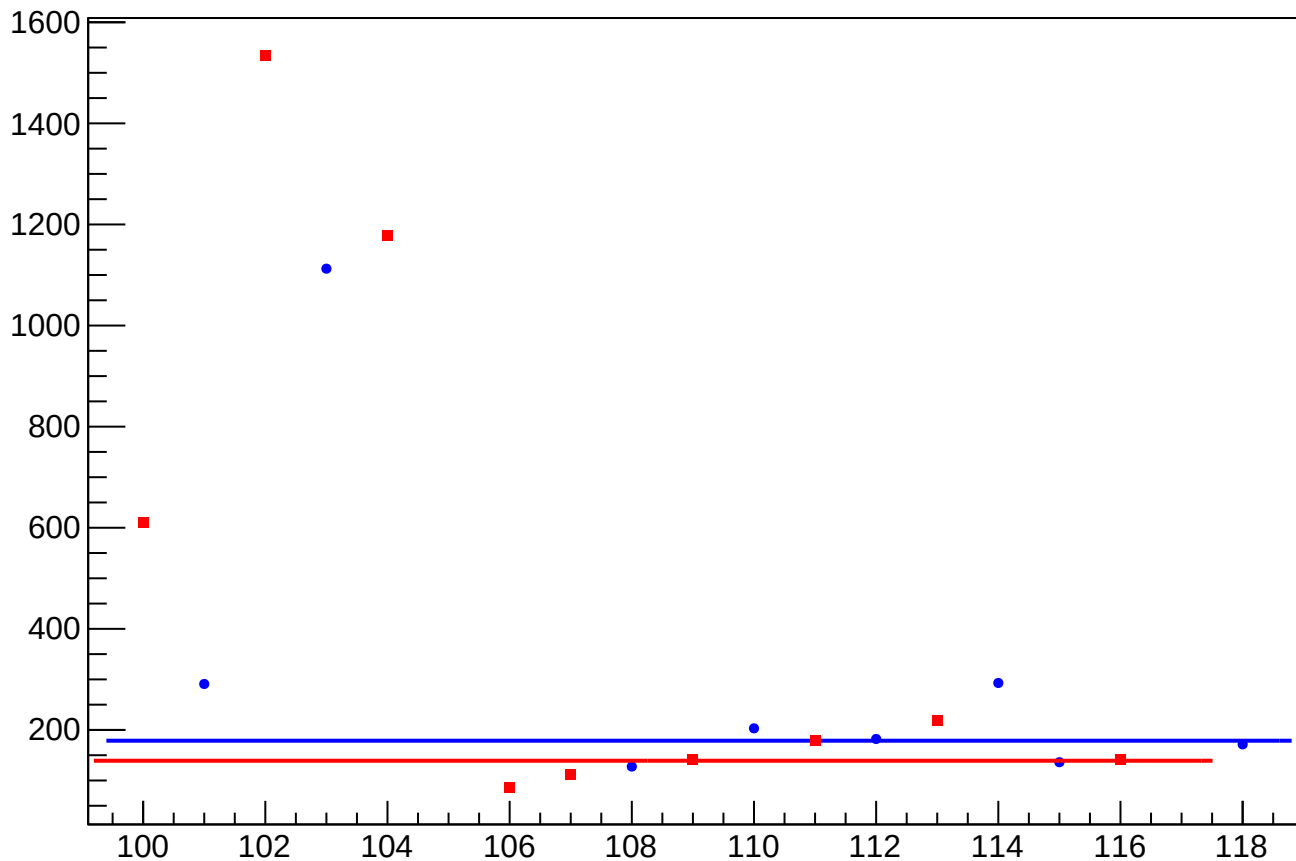
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.036 $\pm$ 0.073 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 178.705 $\pm$ 0.079 χ^2 /NDF: 1199220.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.088 $\pm$ 0.069 χ^2 /NDF: 1897688.3/8

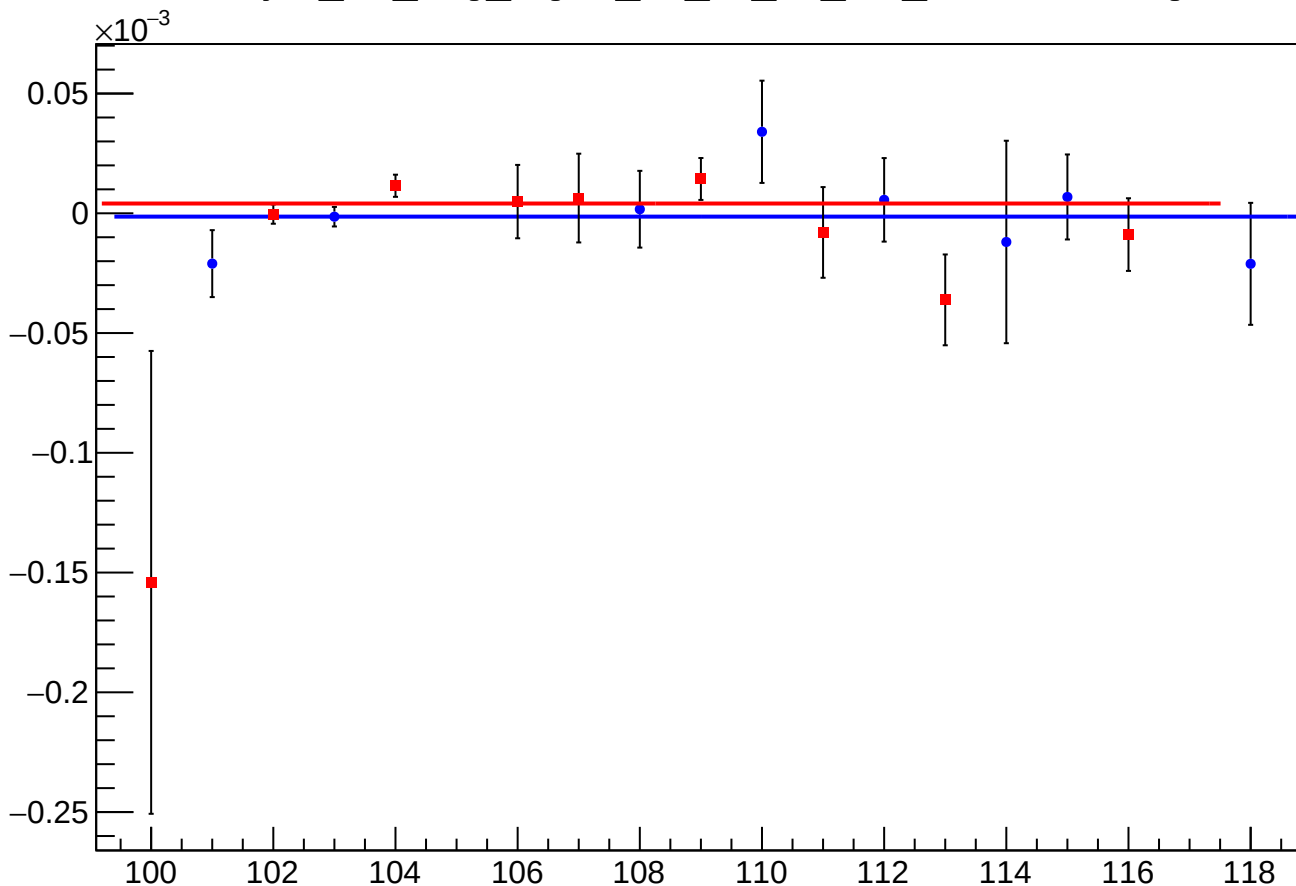
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.114 $\pm$ 0.052 χ^2 /NDF: 3240332.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 13.5/8

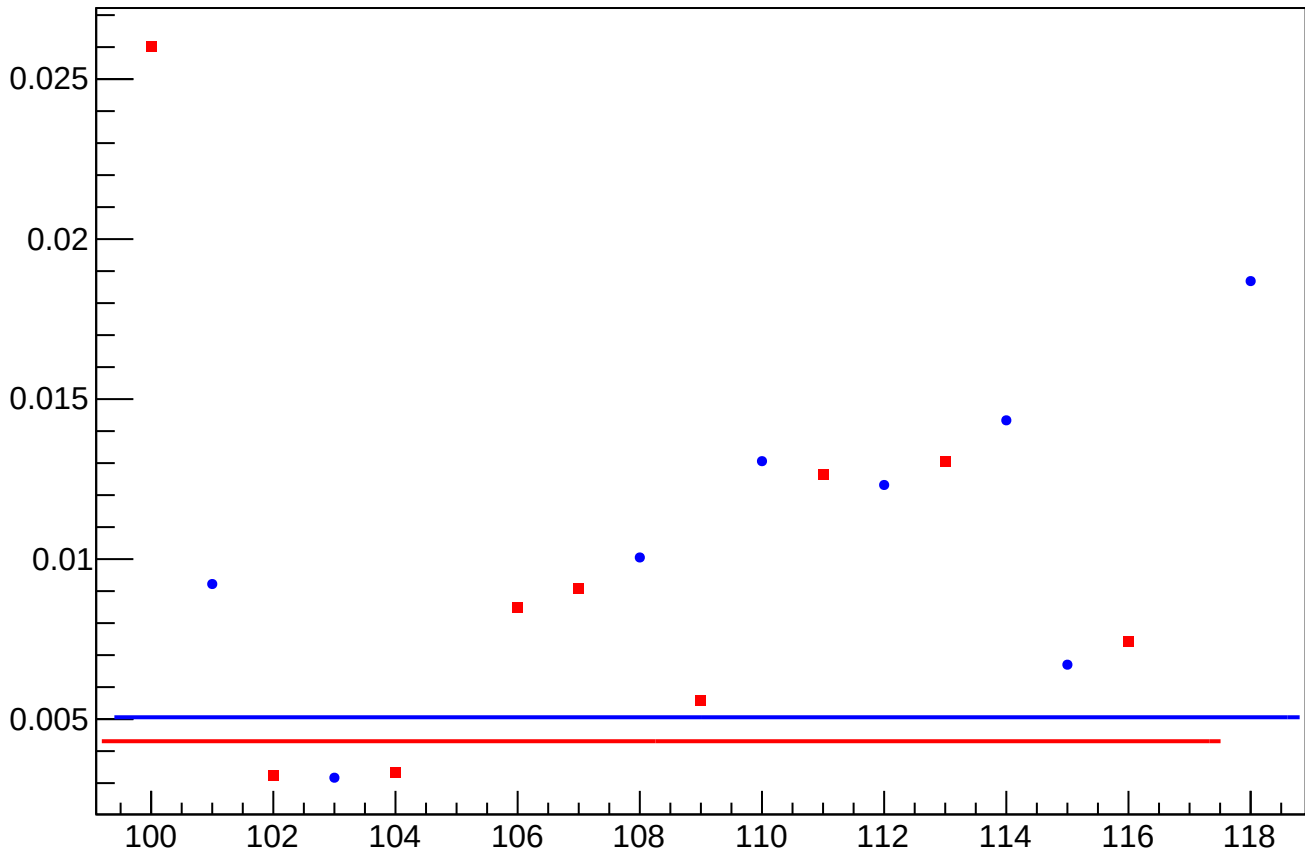
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 20.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1552747.8/8

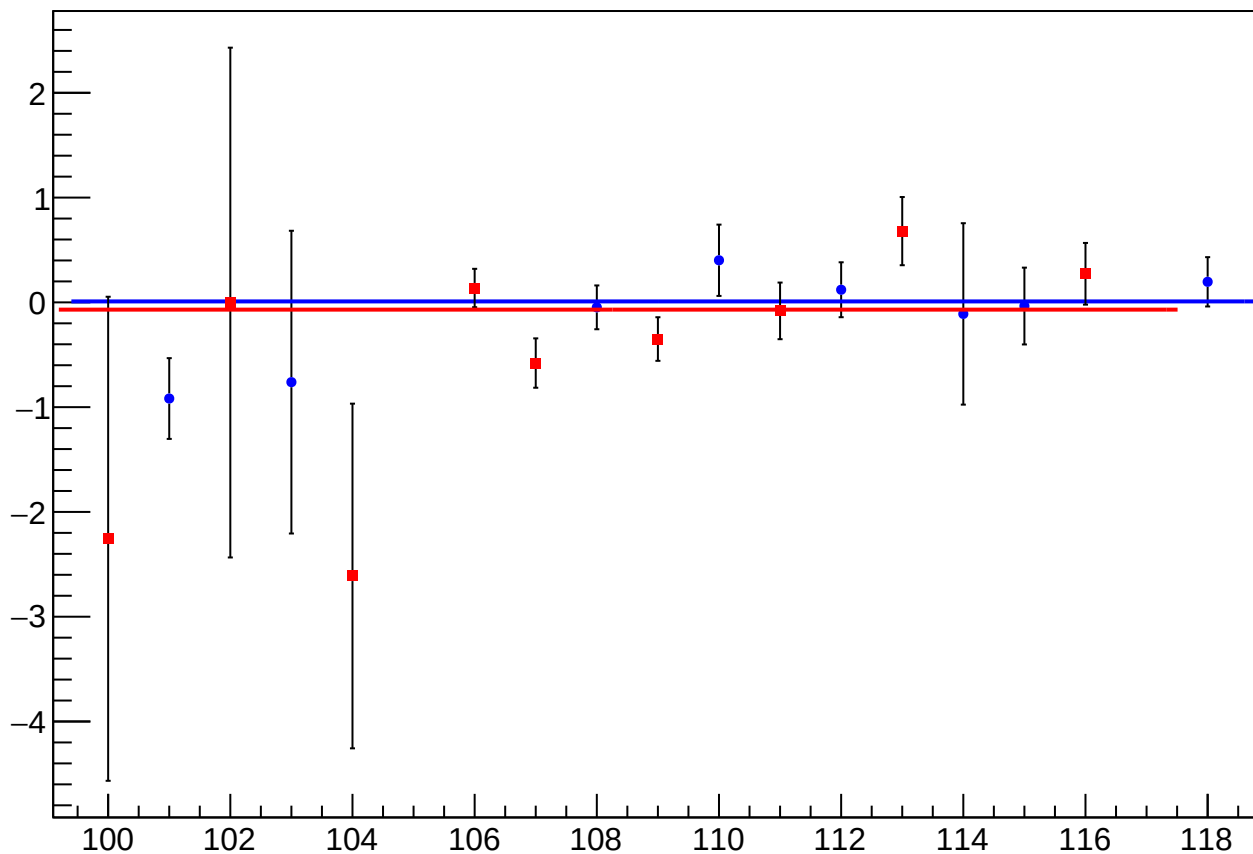
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3724664.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.112 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8

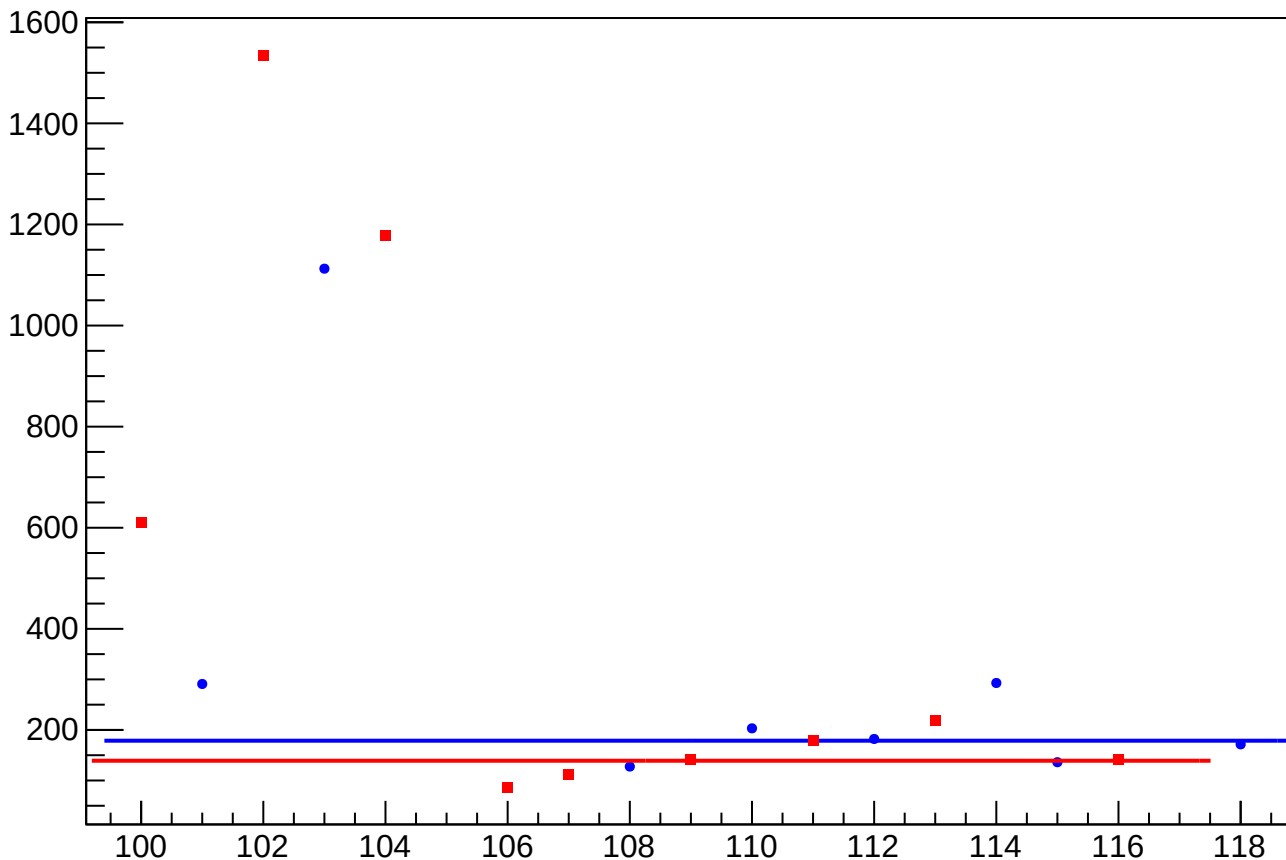
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.036 $\pm$ 0.073 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 178.705 $\pm$ 0.079 χ^2 /NDF: 1199228.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 139.089 $\pm$ 0.069 χ^2 /NDF: 1897689.7/8

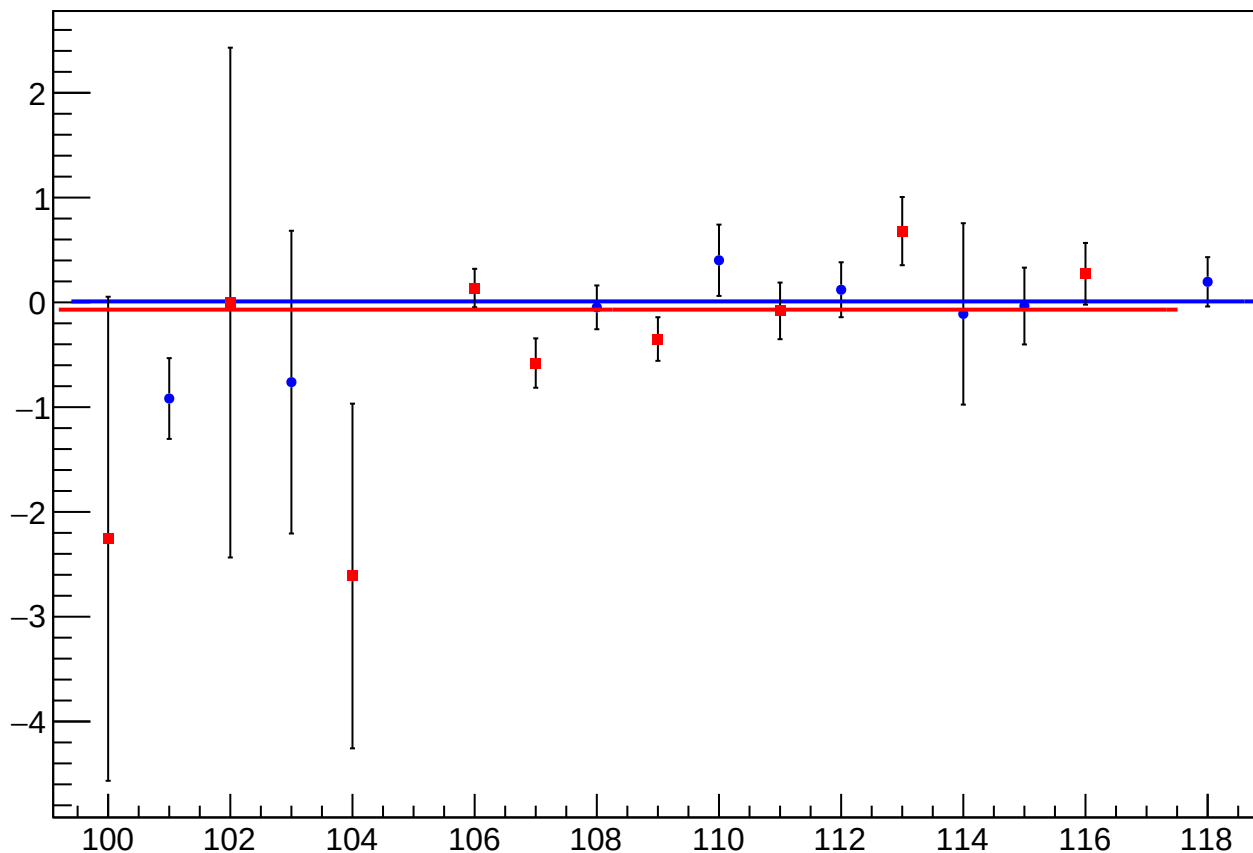
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.114 $\pm$ 0.052 χ^2 /NDF: 3240335.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.112 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.097 χ^2 /NDF: 17.7/8

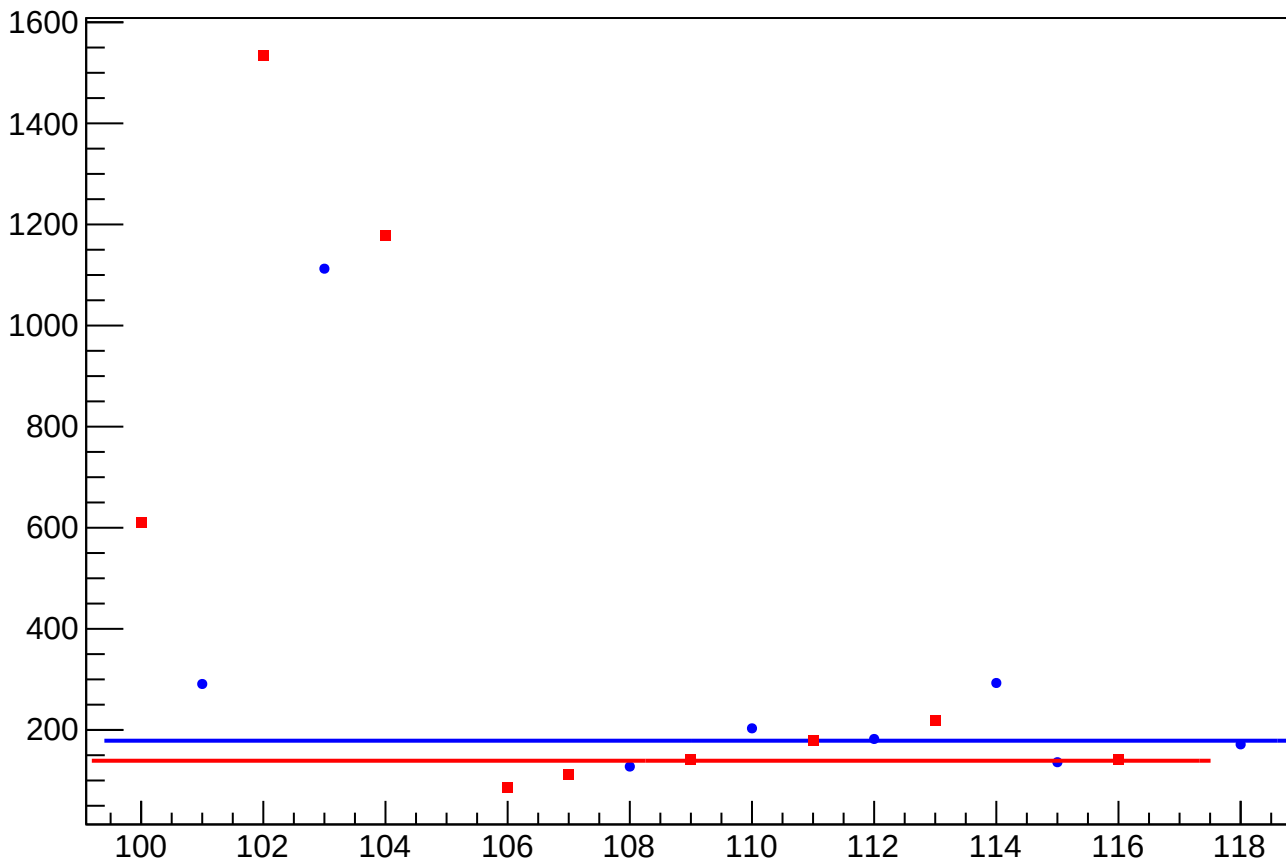
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.036 $\pm$ 0.073 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 178.705 $\pm$ 0.079 χ^2 /NDF: 1199228.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.089 $\pm$ 0.069 χ^2 /NDF: 1897689.7/8

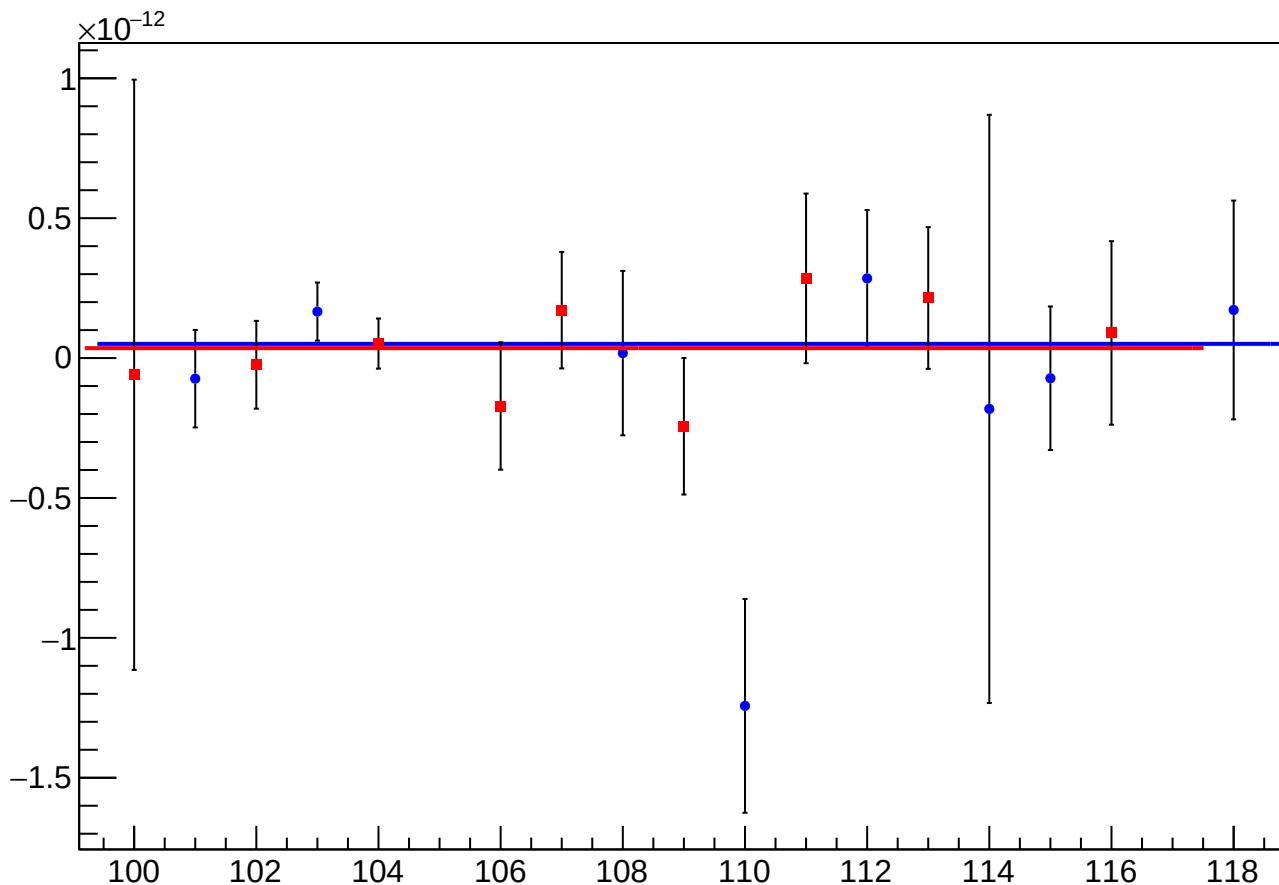
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.114 $\pm$ 0.052 χ^2 /NDF: 3240335.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 3.9/8

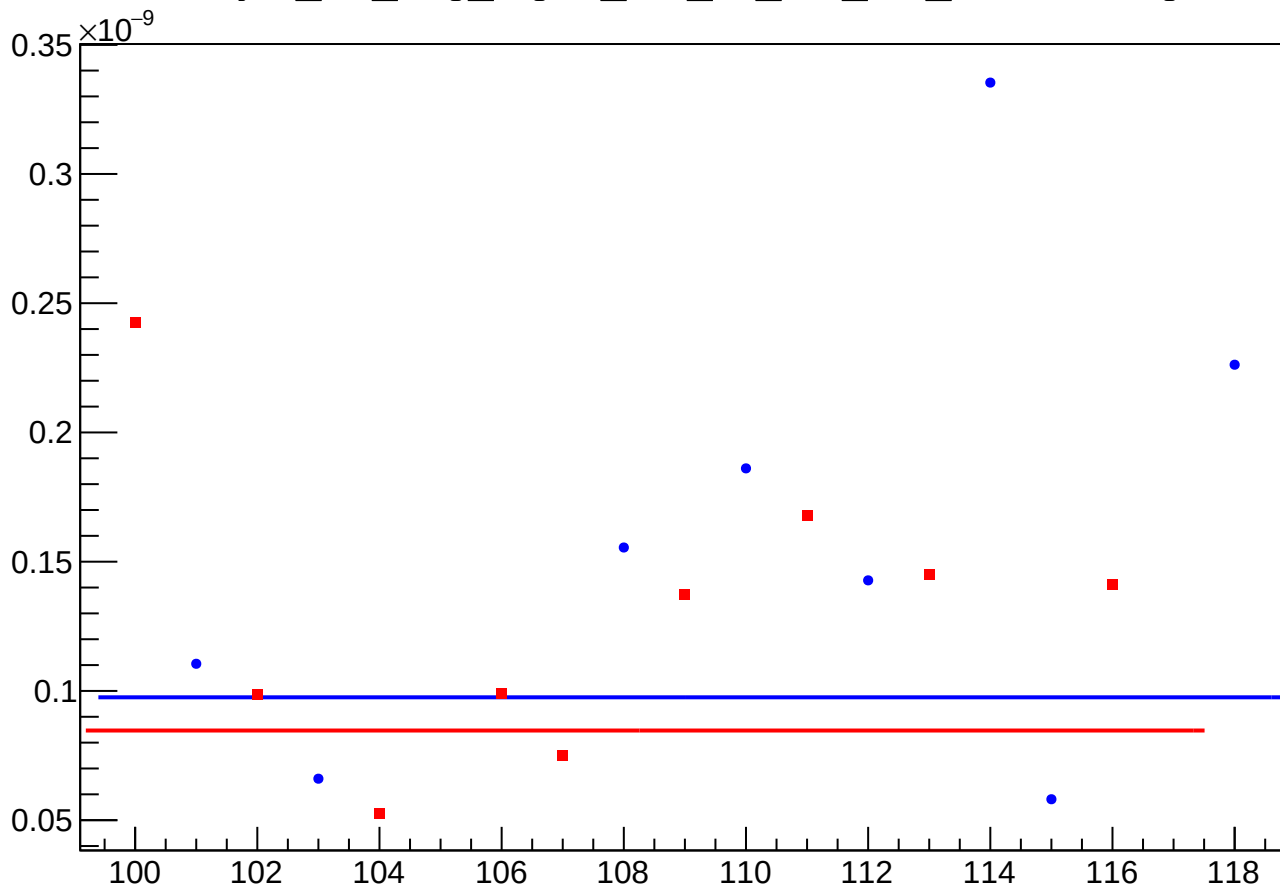
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 747232.2/8

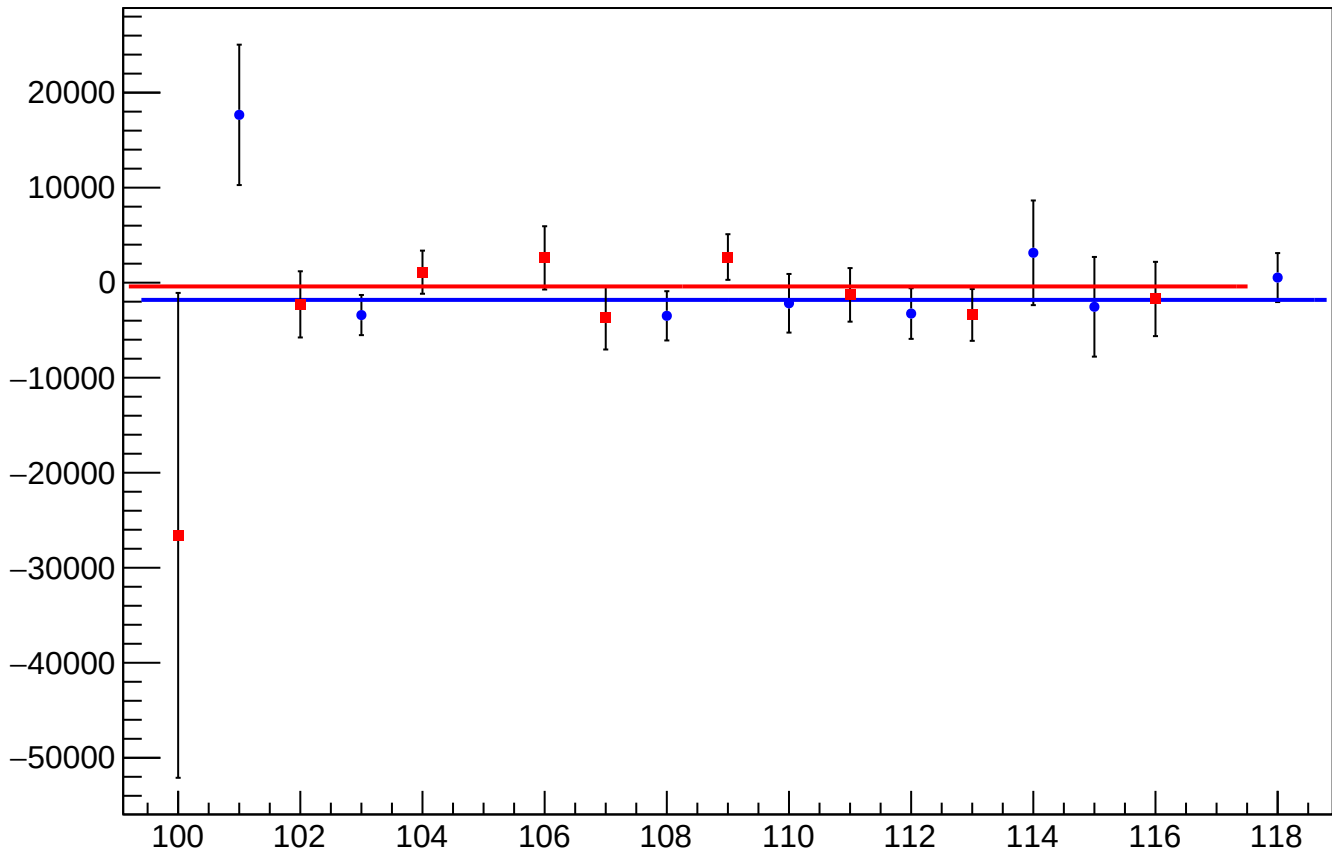
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1598004.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1811.485 $\pm$ 1080.193 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -396.599 $\pm$ 1021.320 χ^2 /NDF: 6.7/8

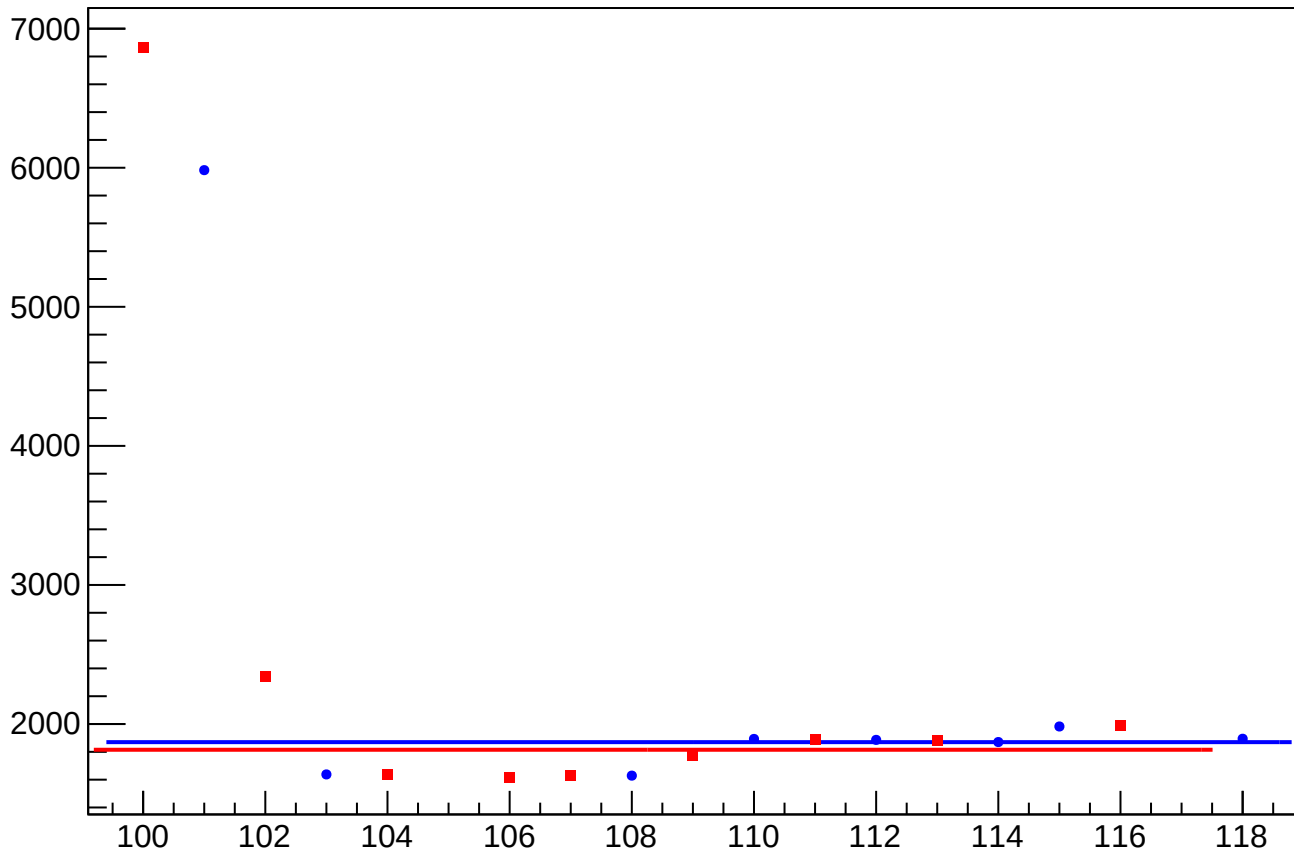
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1064.435 $\pm$ 742.123 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_rms vs Slug



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: 1815.043+/-0.717 χ^2/NDF : 158873.6/8

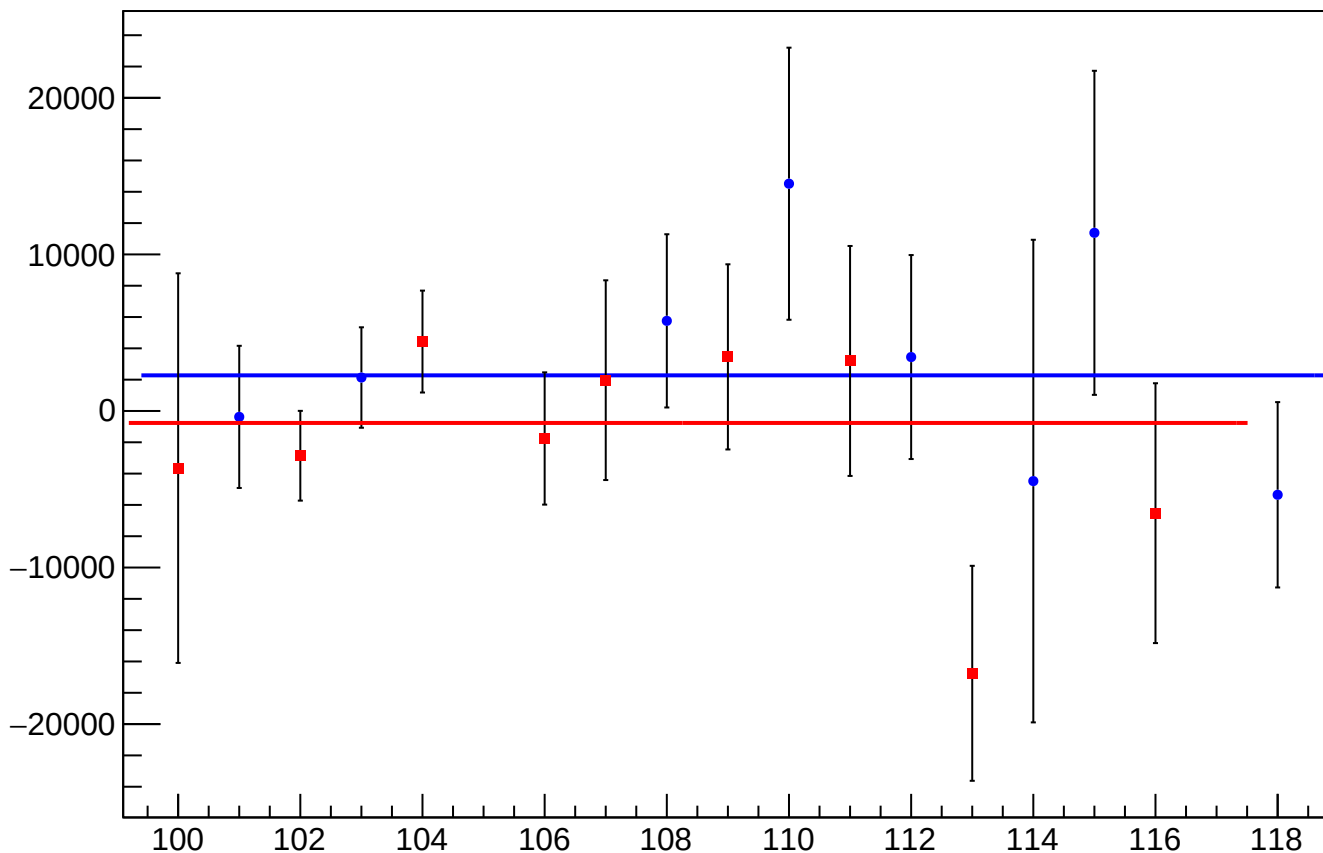
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1840.679+/-0.523 χ^2/NDF : 824329.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



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: -764.887+/-1609.408 χ^2/NDF : 10.1/8

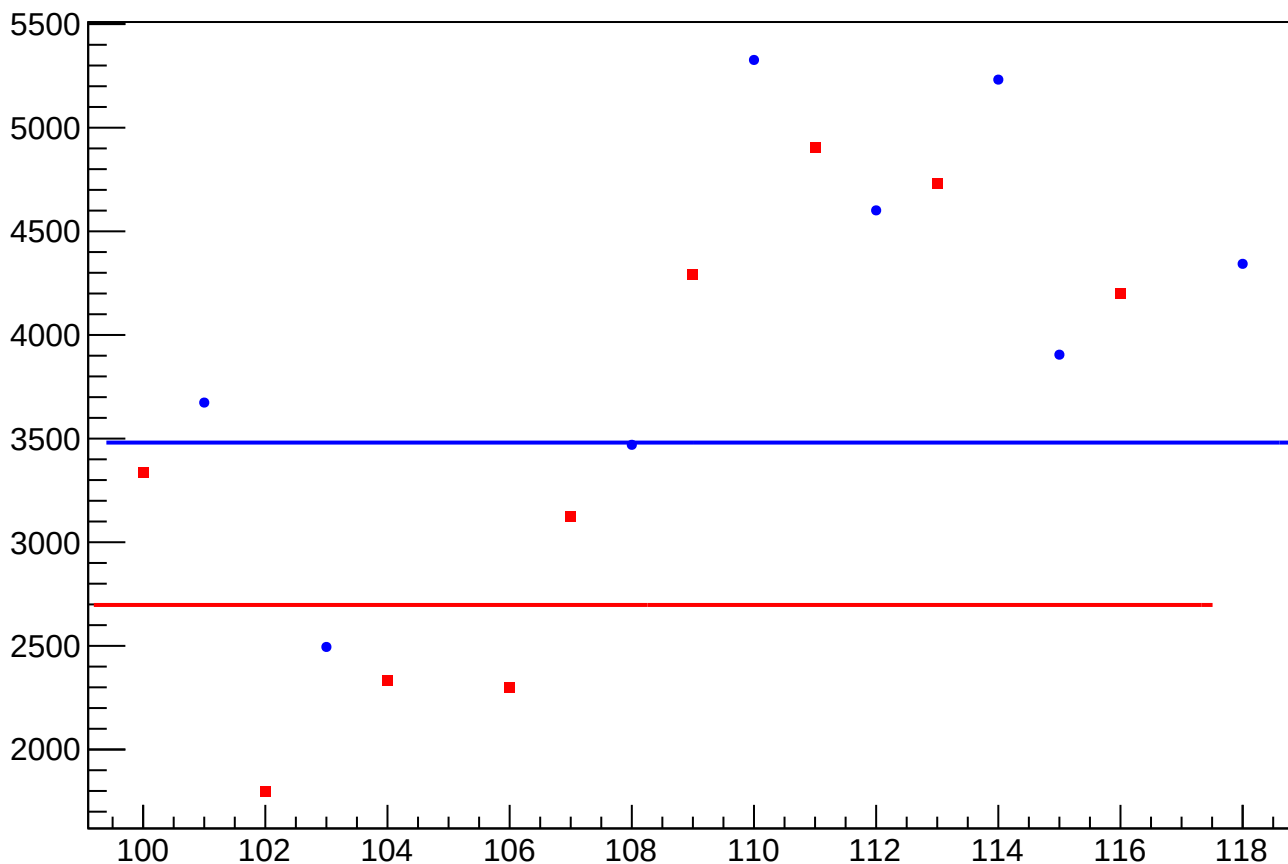
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 450.825+/-1246.776 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



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: 2697.407+/-1.138 χ^2/NDF : 821596.2/8

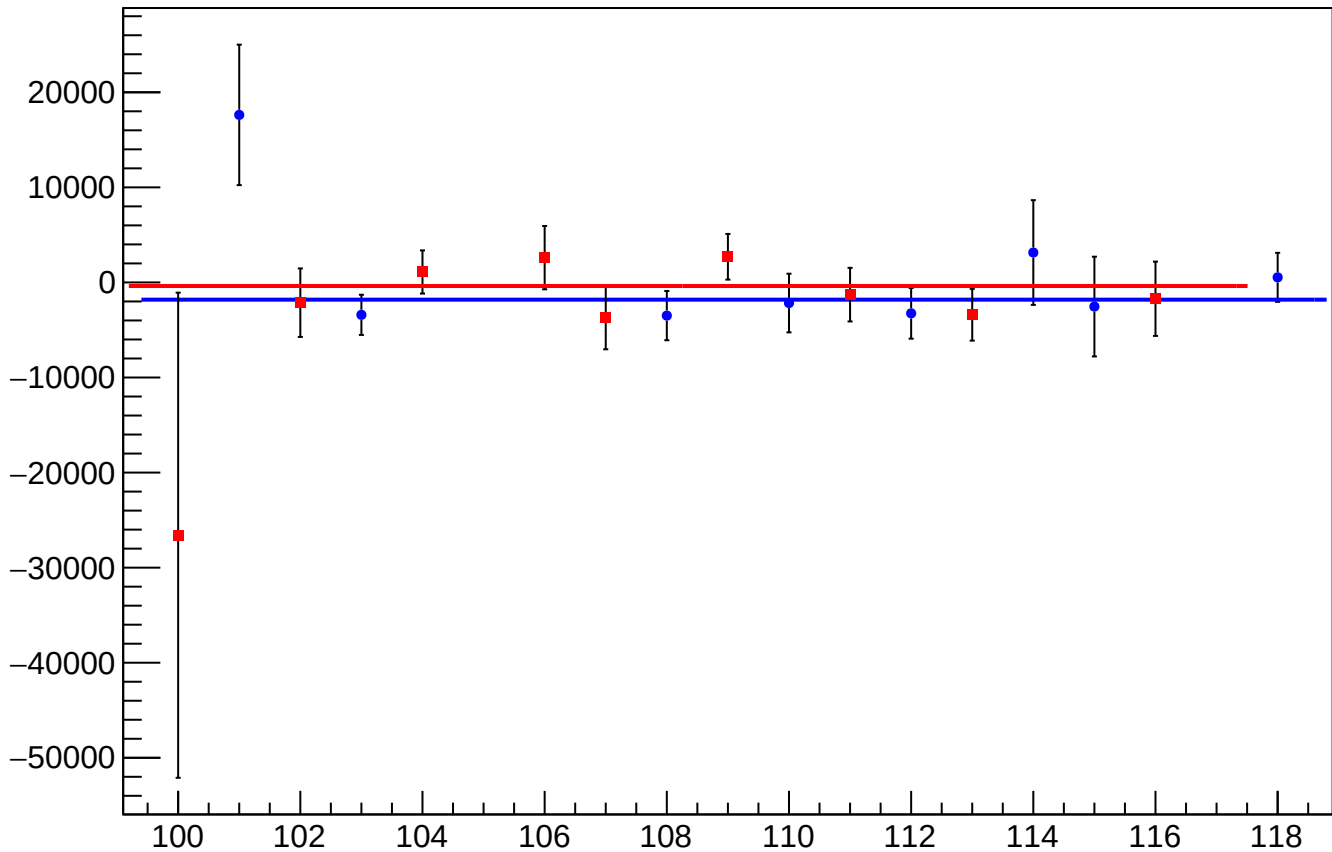
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3010.675+/-0.882 χ^2/NDF : 1424697.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -1812.161 $\pm$ 1080.194 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -374.745 $\pm$ 1024.236 χ^2 /NDF: 6.6/8

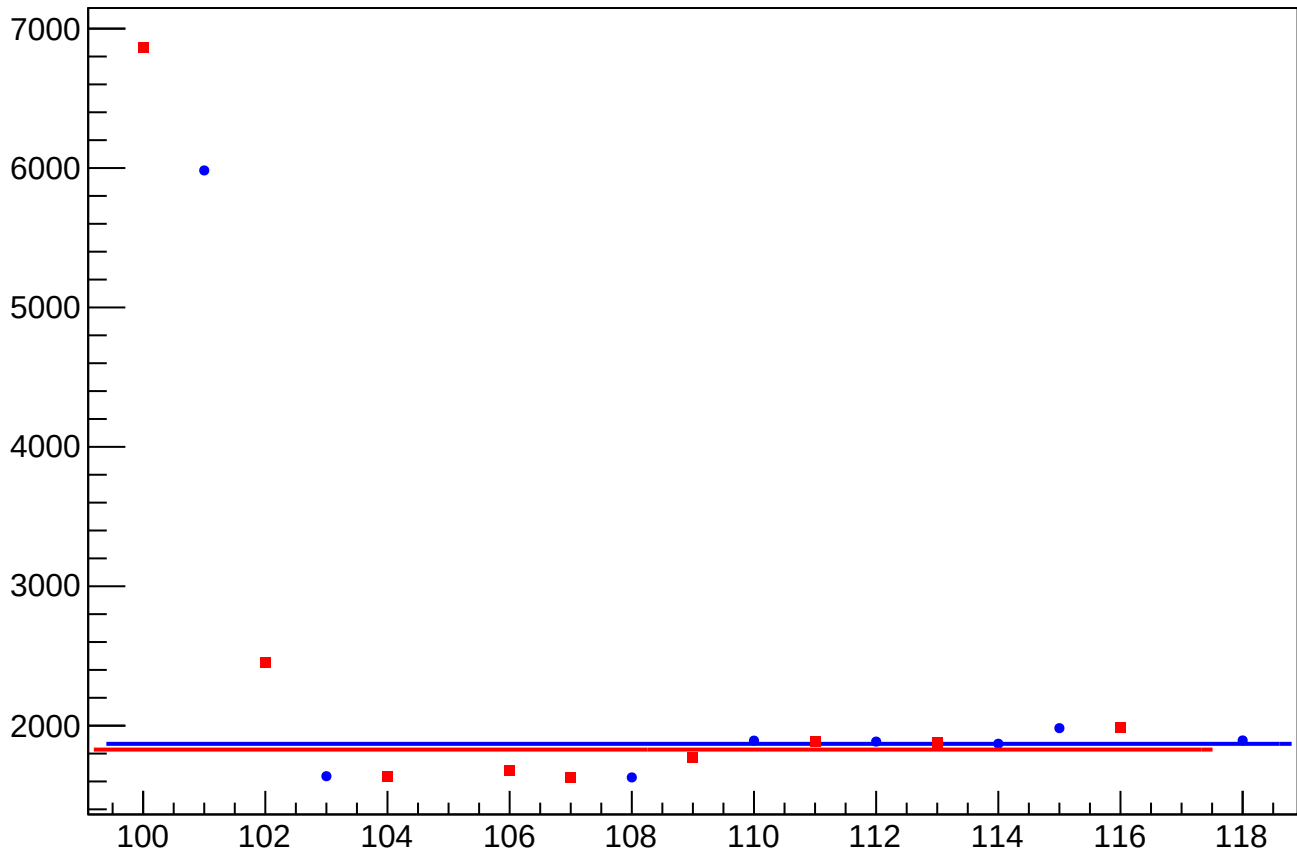
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1055.259 $\pm$ 743.240 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1869.768 $\pm$ 0.764 χ^2 /NDF: 662727.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1828.510 $\pm$ 0.722 χ^2 /NDF: 170768.3/8

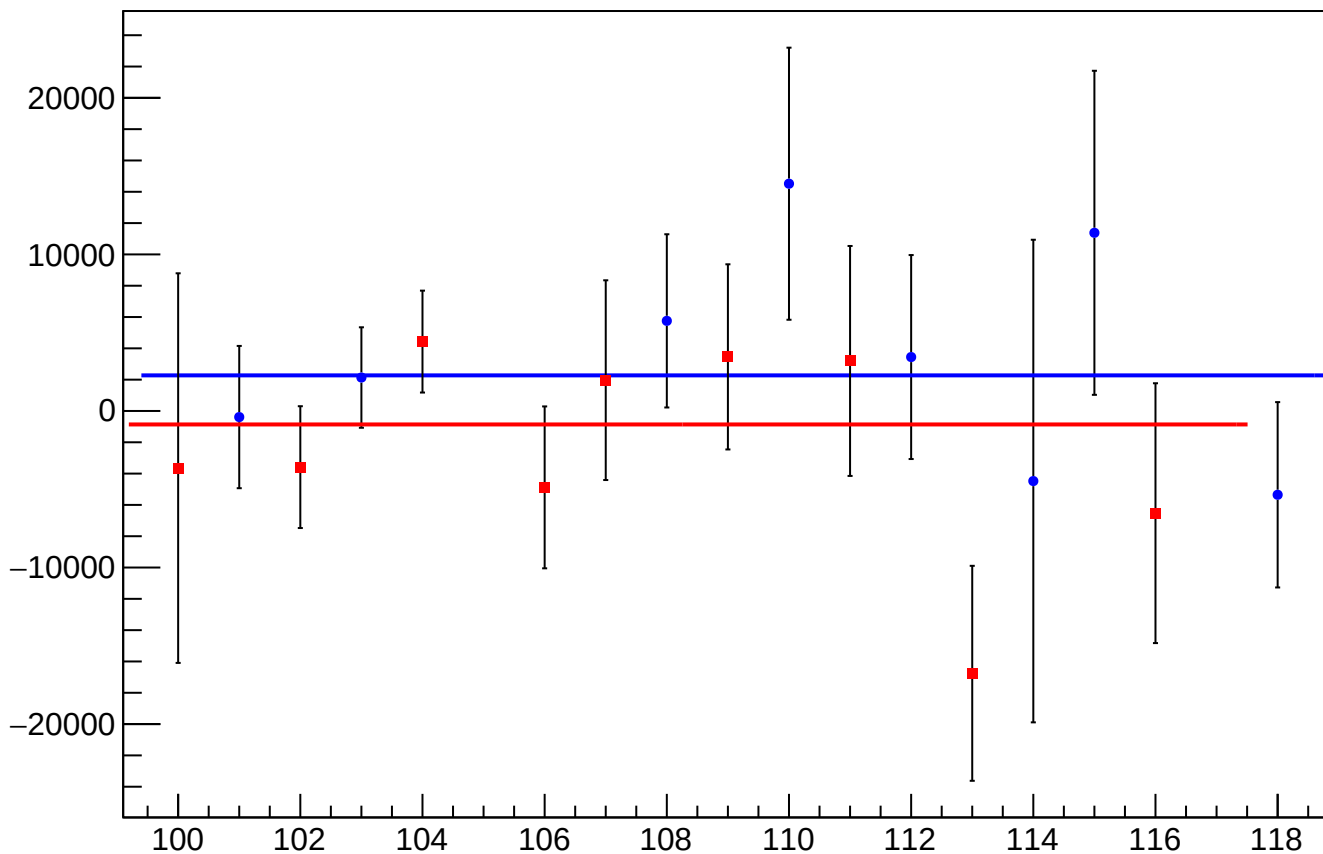
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1847.976 $\pm$ 0.525 χ^2 /NDF: 835036.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



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: -861.076+/-1790.817 χ^2/NDF : 10.7/8

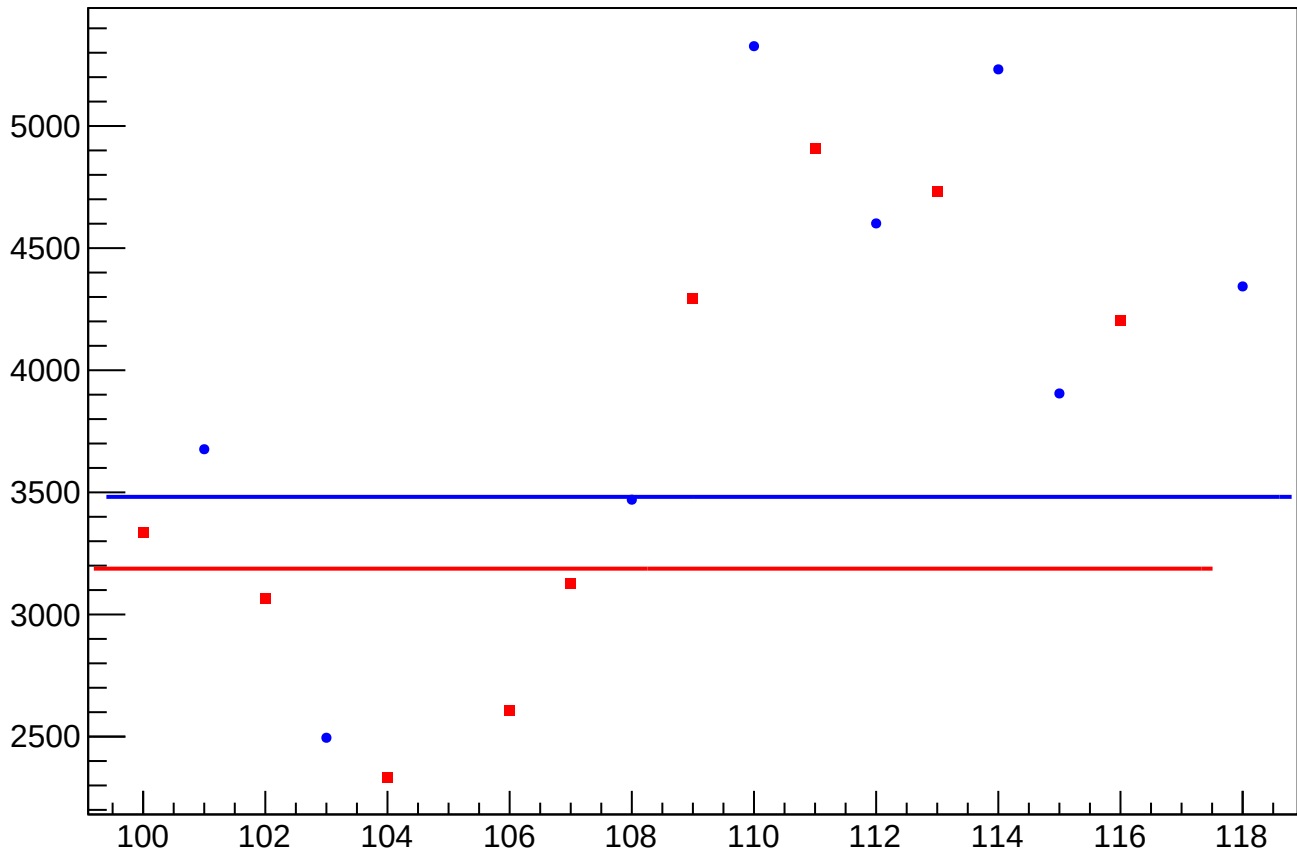
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.682+/-1325.753 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3481.616 $\pm$ 1.394 χ^2 /NDF: 413451.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

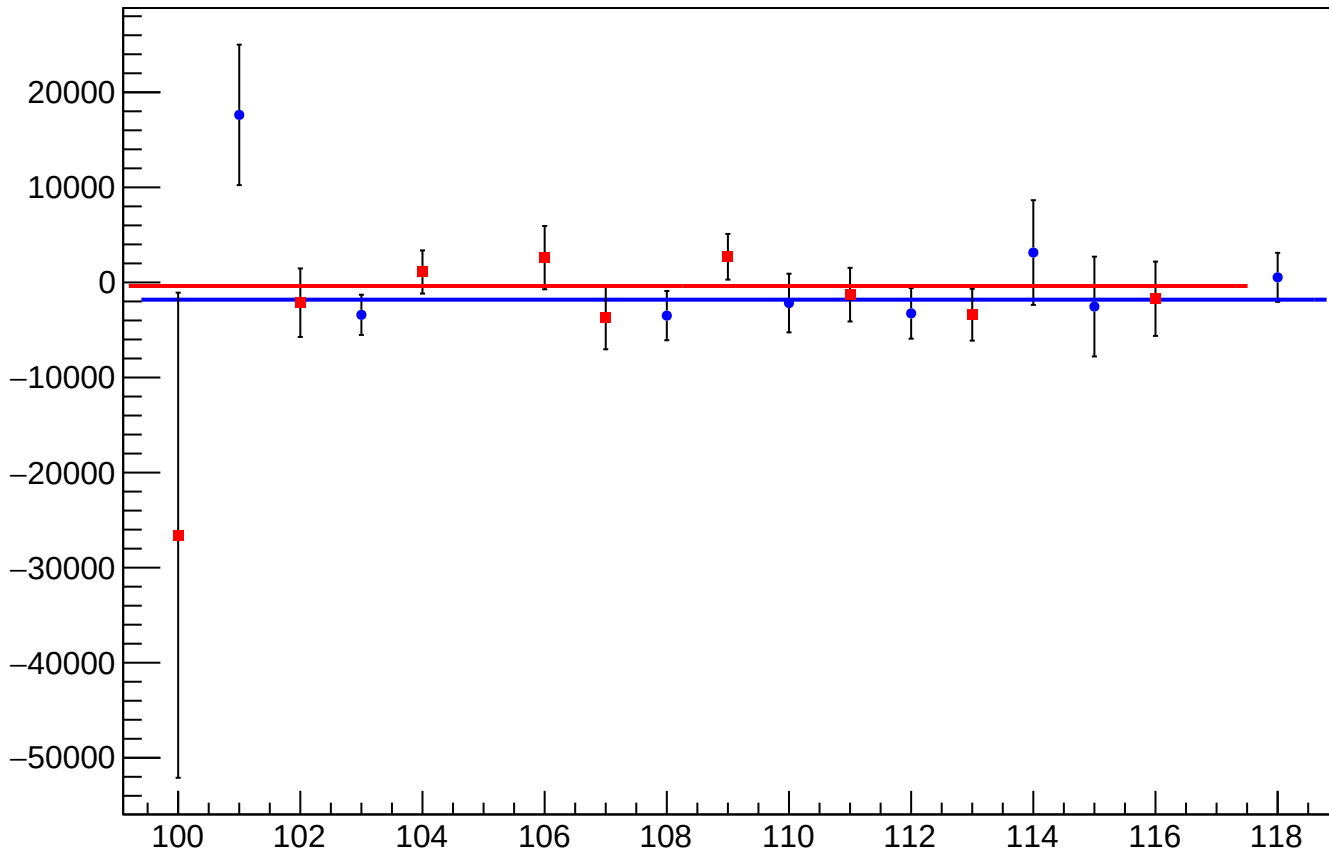
Right Out: 3187.709 $\pm$ 1.266 χ^2 /NDF: 475459.5/8

All: 3320.540 $\pm$ 0.937 χ^2 /NDF: 913256.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -1812.161 $\pm$ 1080.194 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -374.745 $\pm$ 1024.236 χ^2 /NDF: 6.6/8

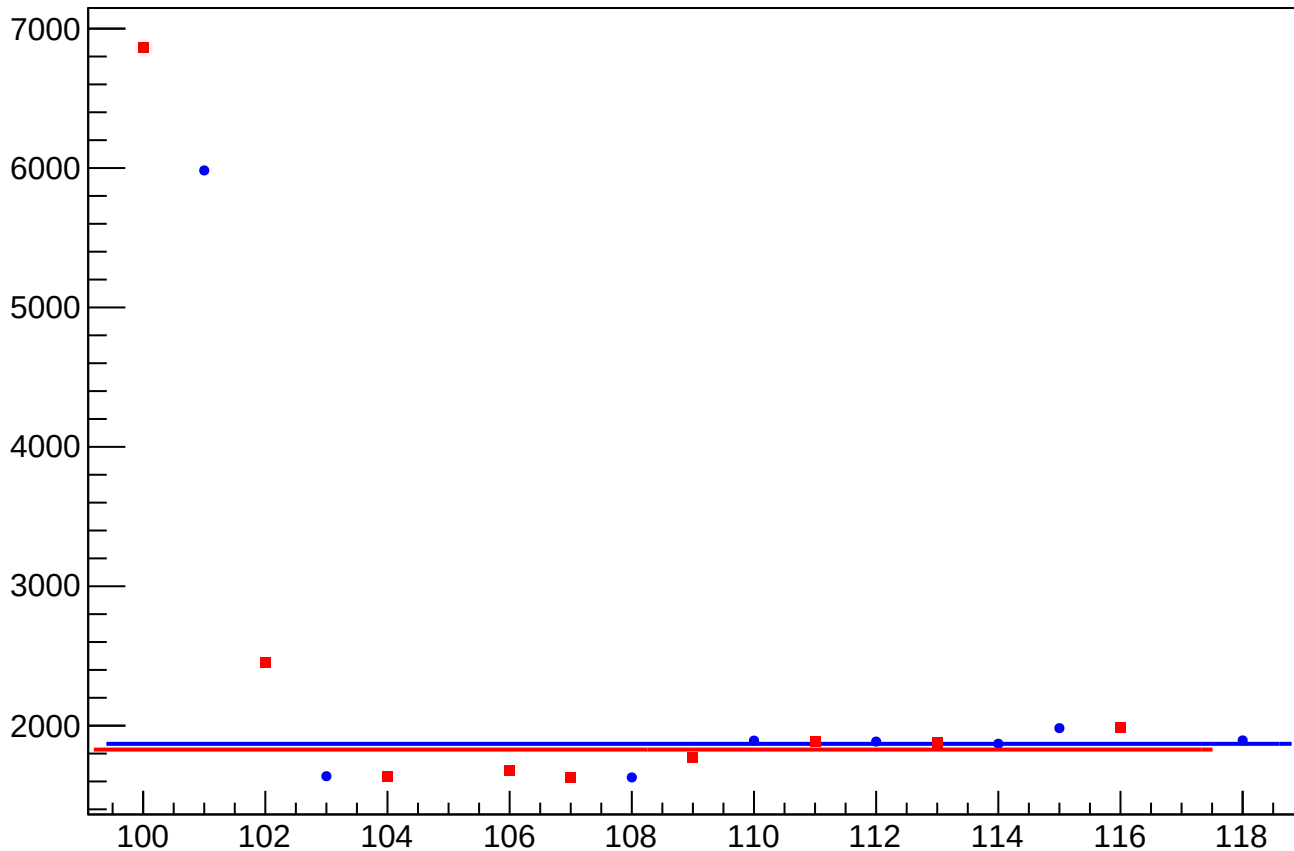
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1055.259 $\pm$ 743.240 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



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: 1828.510+/-0.722 χ^2/NDF : 170768.3/8

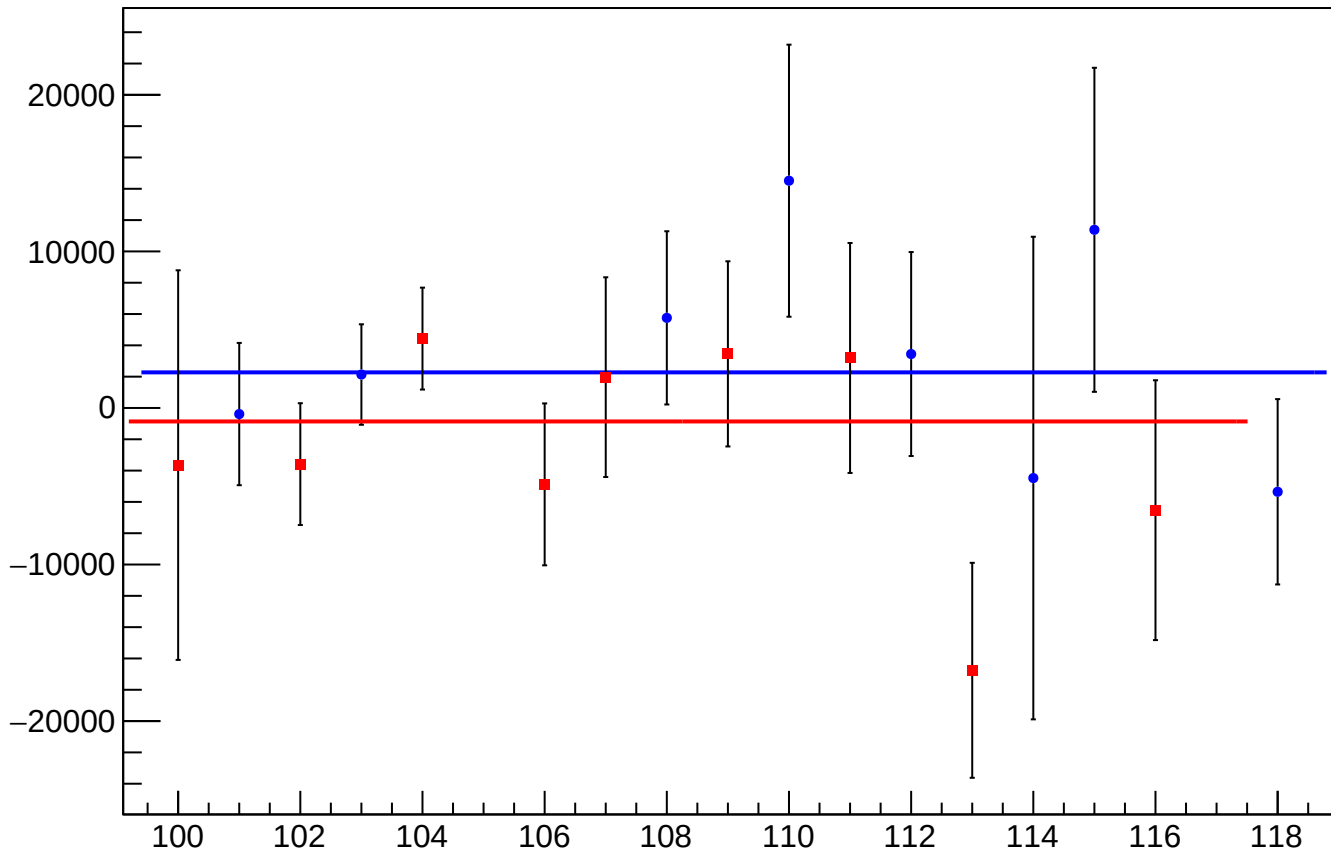
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1847.976+/-0.525 χ^2/NDF : 835036.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



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: -861.076+/-1790.817 χ^2/NDF : 10.7/8

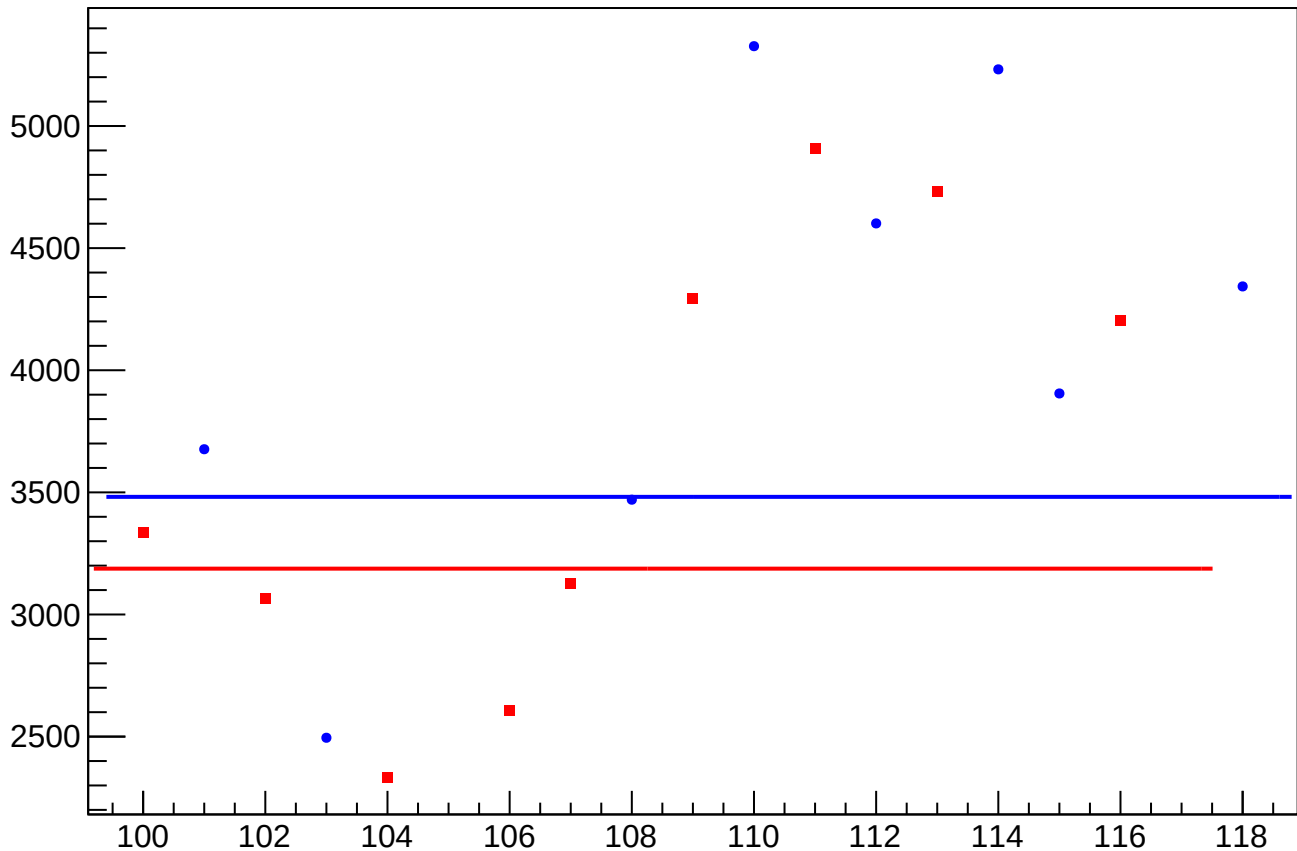
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.682+/-1325.753 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



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: 3187.709+/-1.266 χ^2/NDF : 475459.5/8

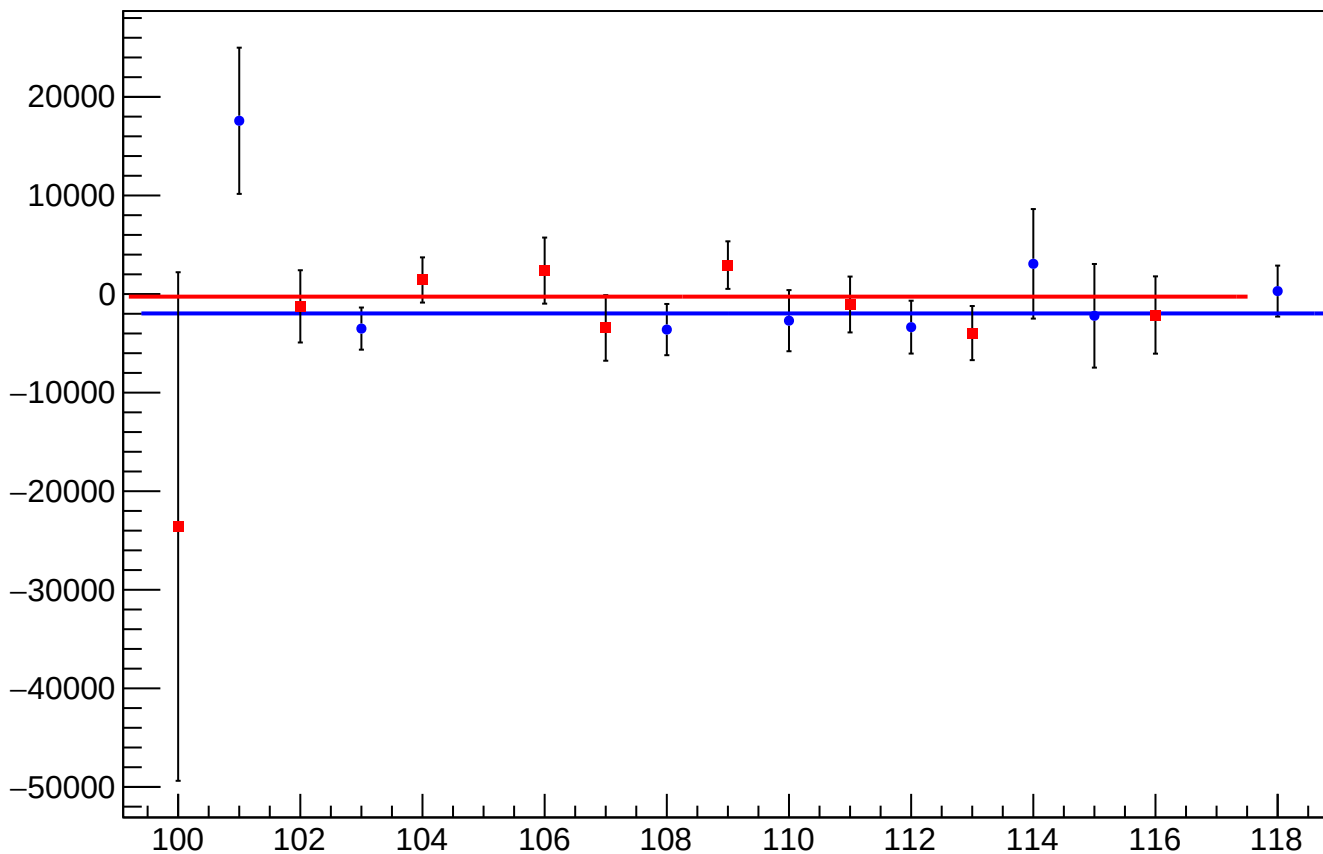
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3320.540+/-0.937 χ^2/NDF : 913256.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



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: -262.436+/-1031.579 χ^2 /NDF: 6.8/8

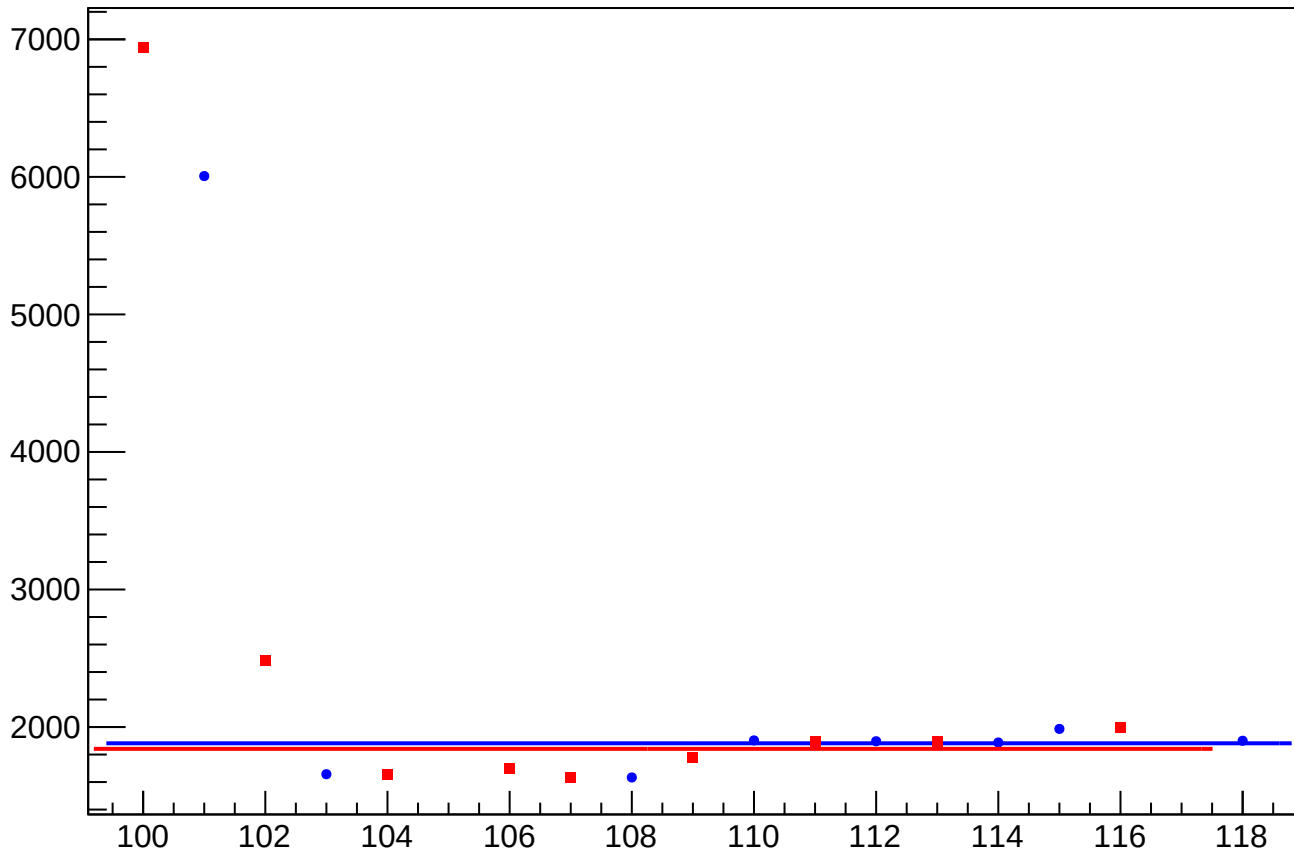
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1069.816+/-748.234 χ^2 /NDF: 17.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1881.818 $\pm$ 0.769 χ^2 /NDF: 659937.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1841.419 $\pm$ 0.728 χ^2 /NDF: 170450.0/8

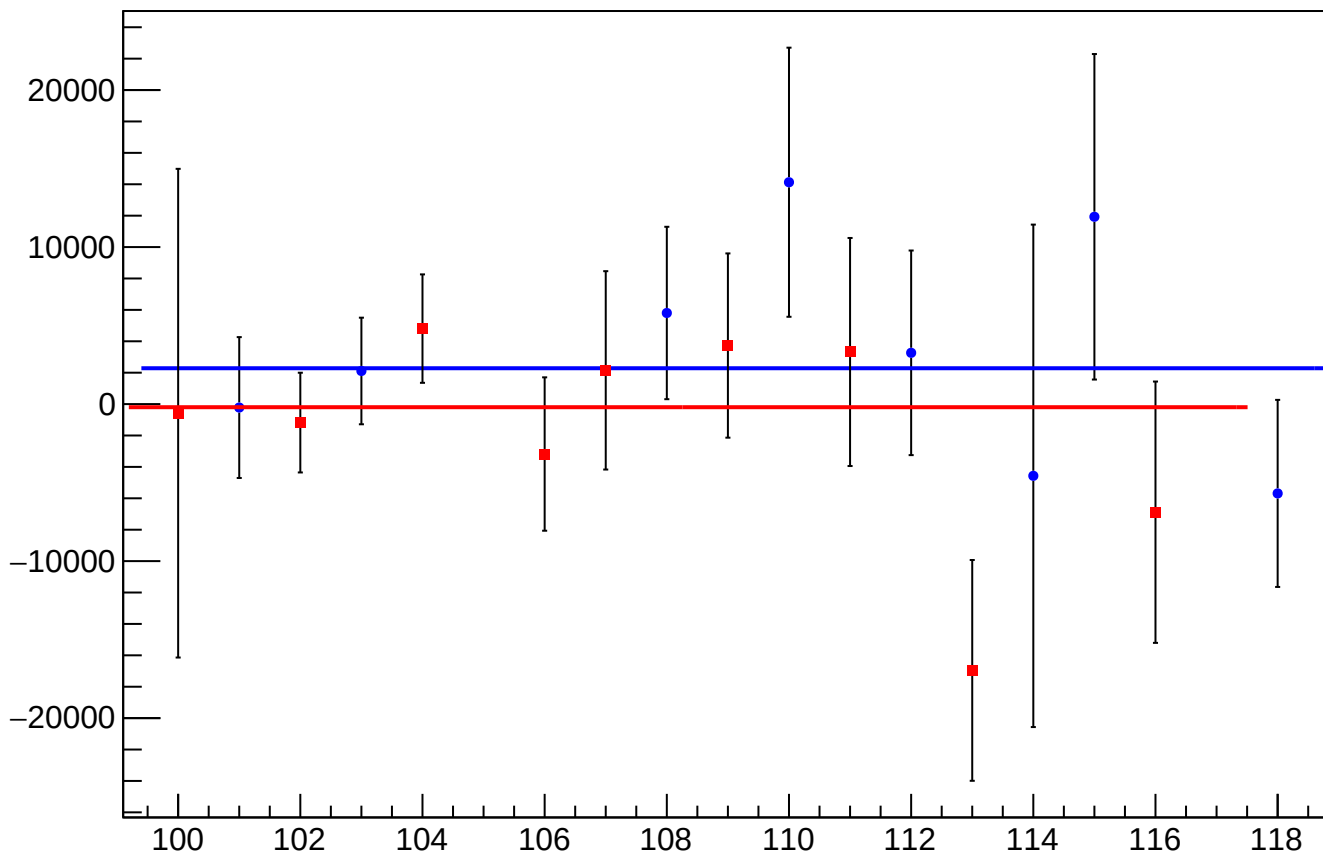
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1860.519 $\pm$ 0.528 χ^2 /NDF: 831843.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_correction_mean vs Slug



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: -198.316+/-1723.027 χ^2/NDF : 9.7/8

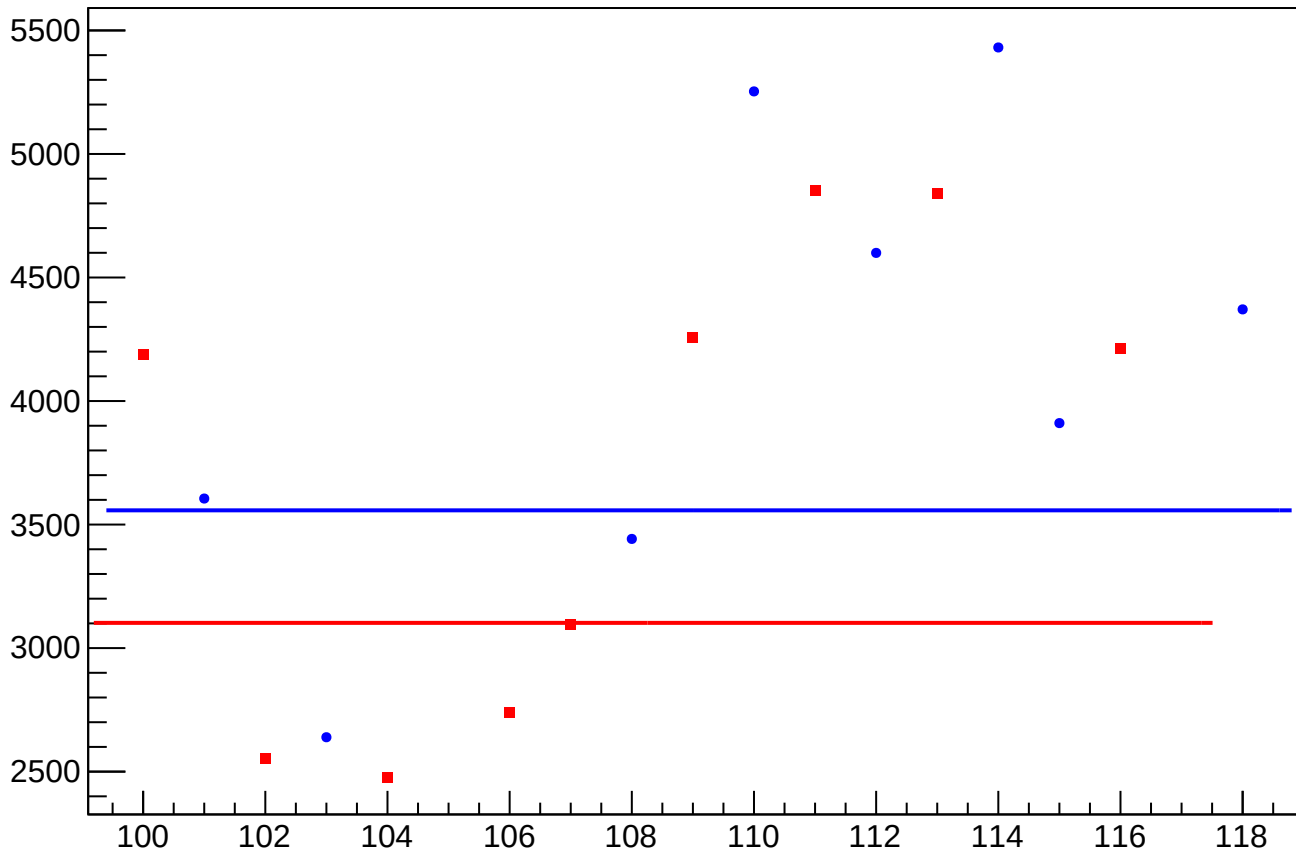
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.580+/-1307.361 χ^2/NDF : 16.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3557.577 $\pm$ 1.419 χ^2 /NDF: 344013.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3102.099 $\pm$ 1.218 χ^2 /NDF: 497530.3/8

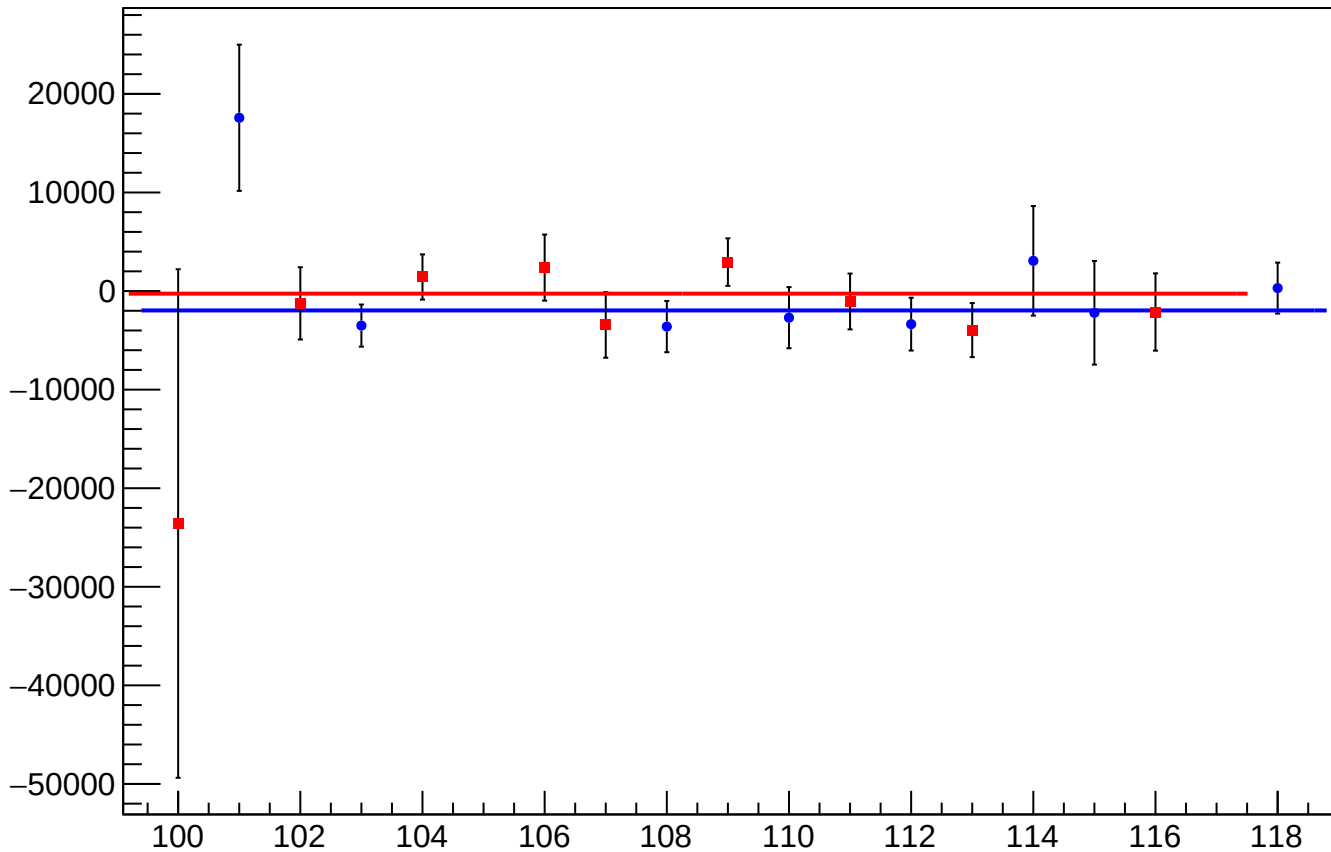
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3295.352 $\pm$ 0.924 χ^2 /NDF: 900841.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



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: -262.431+/-1031.579 χ^2/NDF : 6.8/8

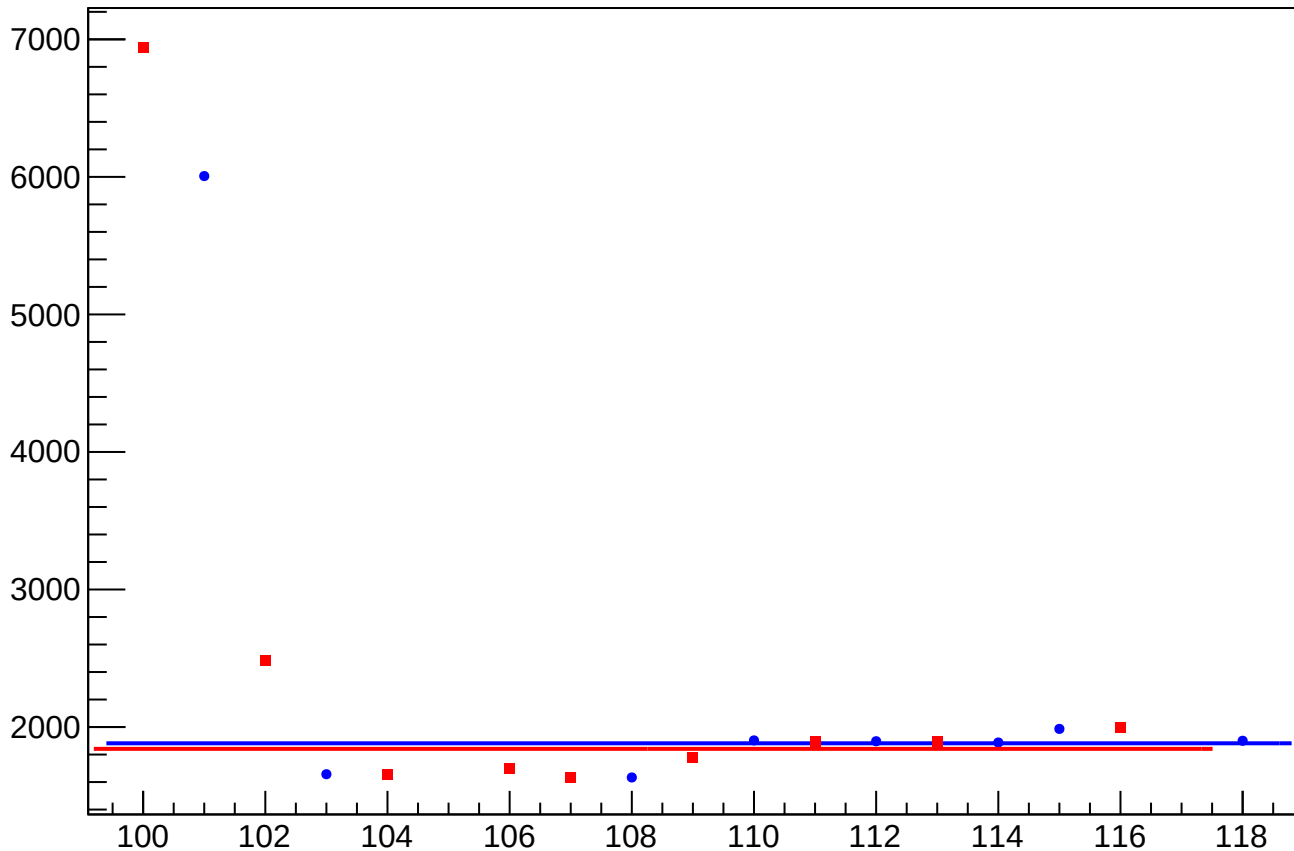
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1069.813+/-748.234 χ^2/NDF : 17.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



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: 1841.419+/-0.728 χ^2/NDF : 170450.1/8

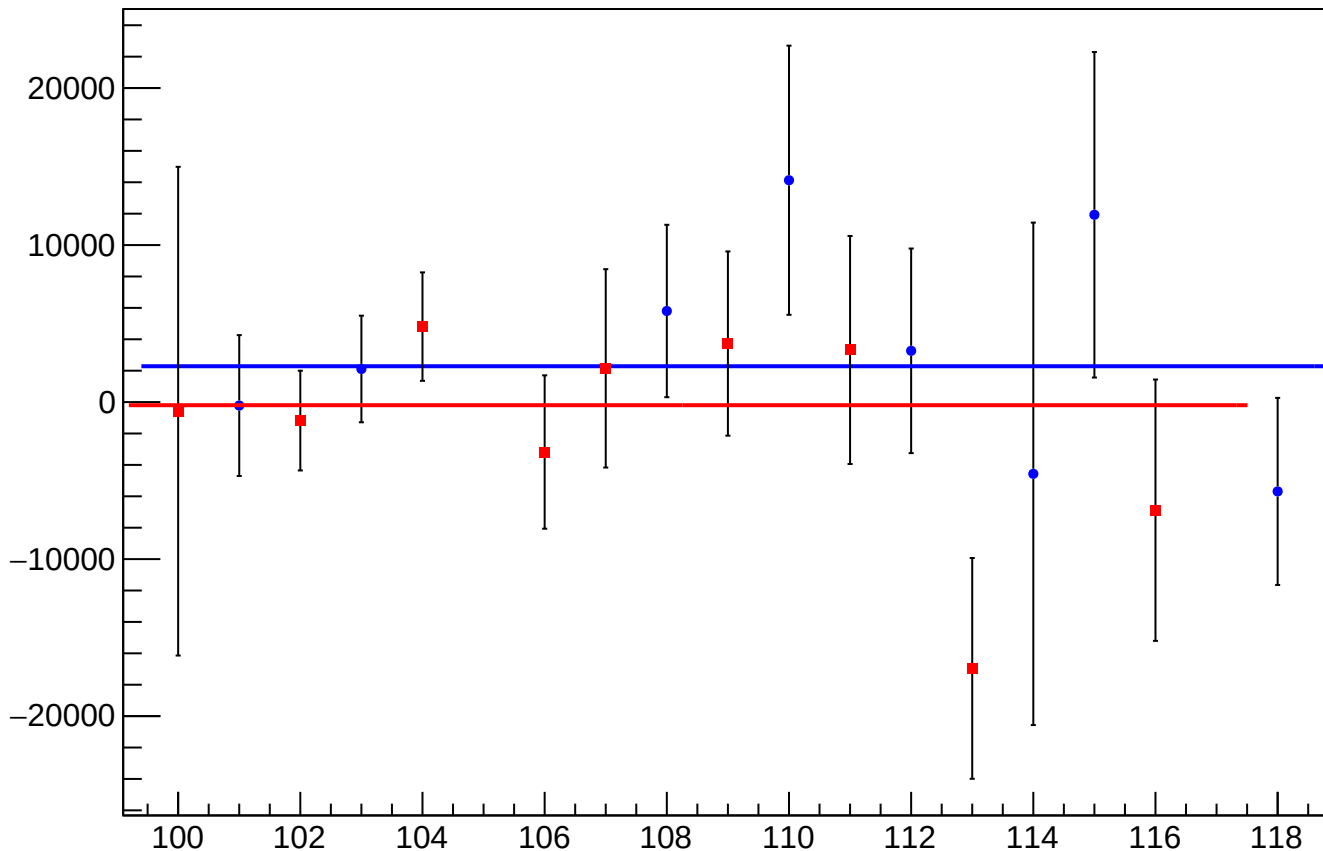
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.519+/-0.528 χ^2/NDF : 831843.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



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: -198.315+/-1723.025 χ^2/NDF : 9.7/8

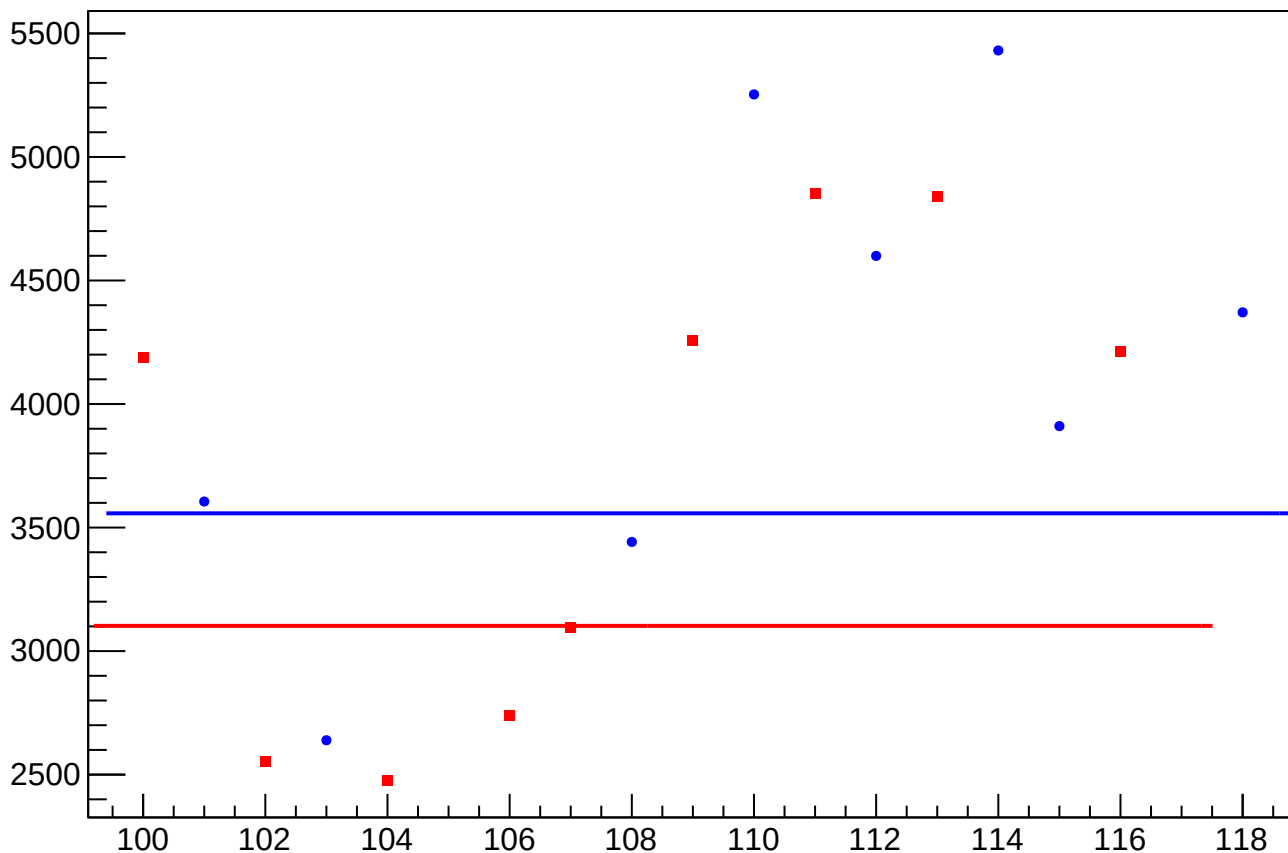
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 854.581+/-1307.360 χ^2/NDF : 16.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3557.574 $\pm$ 1.419 χ^2 /NDF: 344010.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3102.097 $\pm$ 1.218 χ^2 /NDF: 497528.3/8

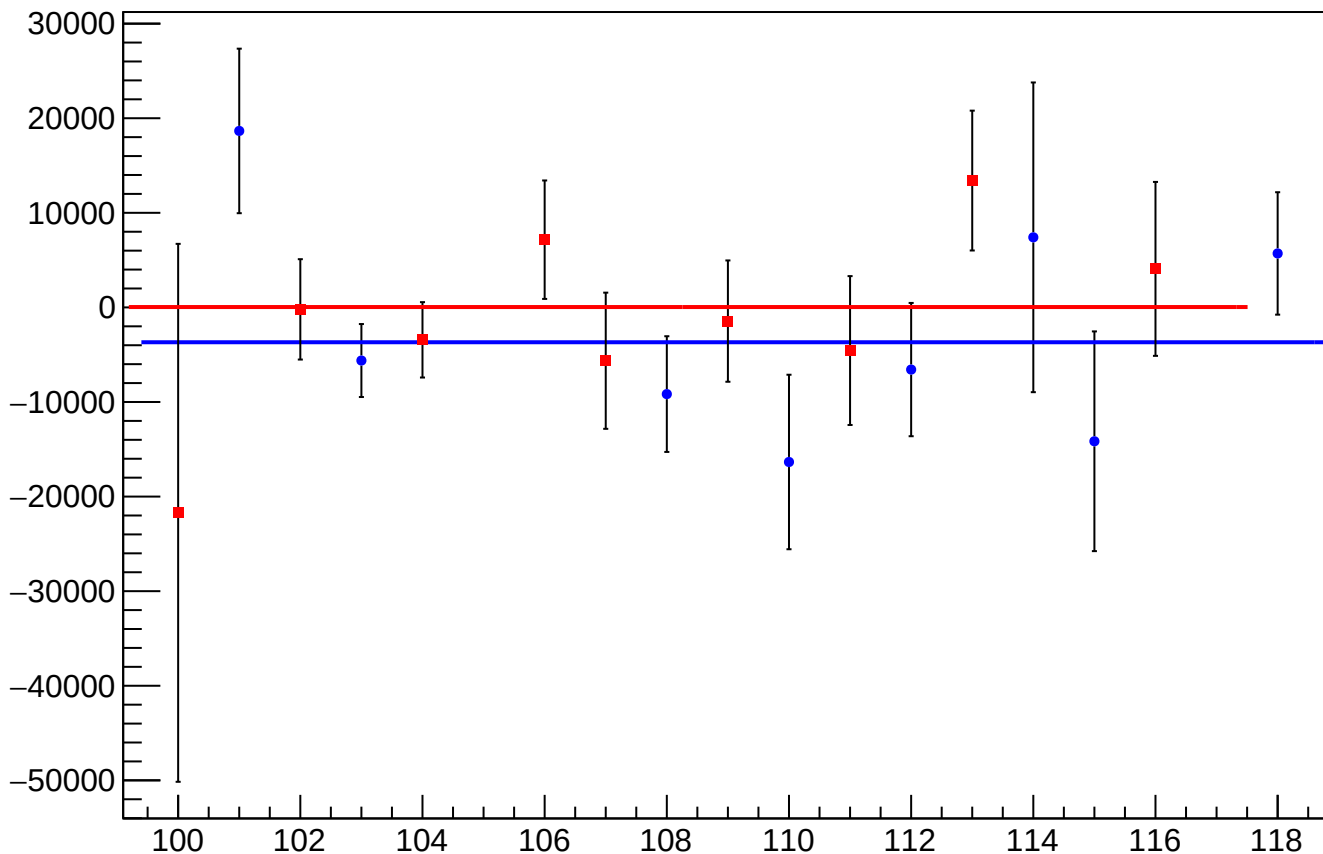
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3295.350 $\pm$ 0.924 χ^2 /NDF: 900836.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_mean vs Slug



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: 38.738+/-2155.843 χ^2/NDF : 7.1/8

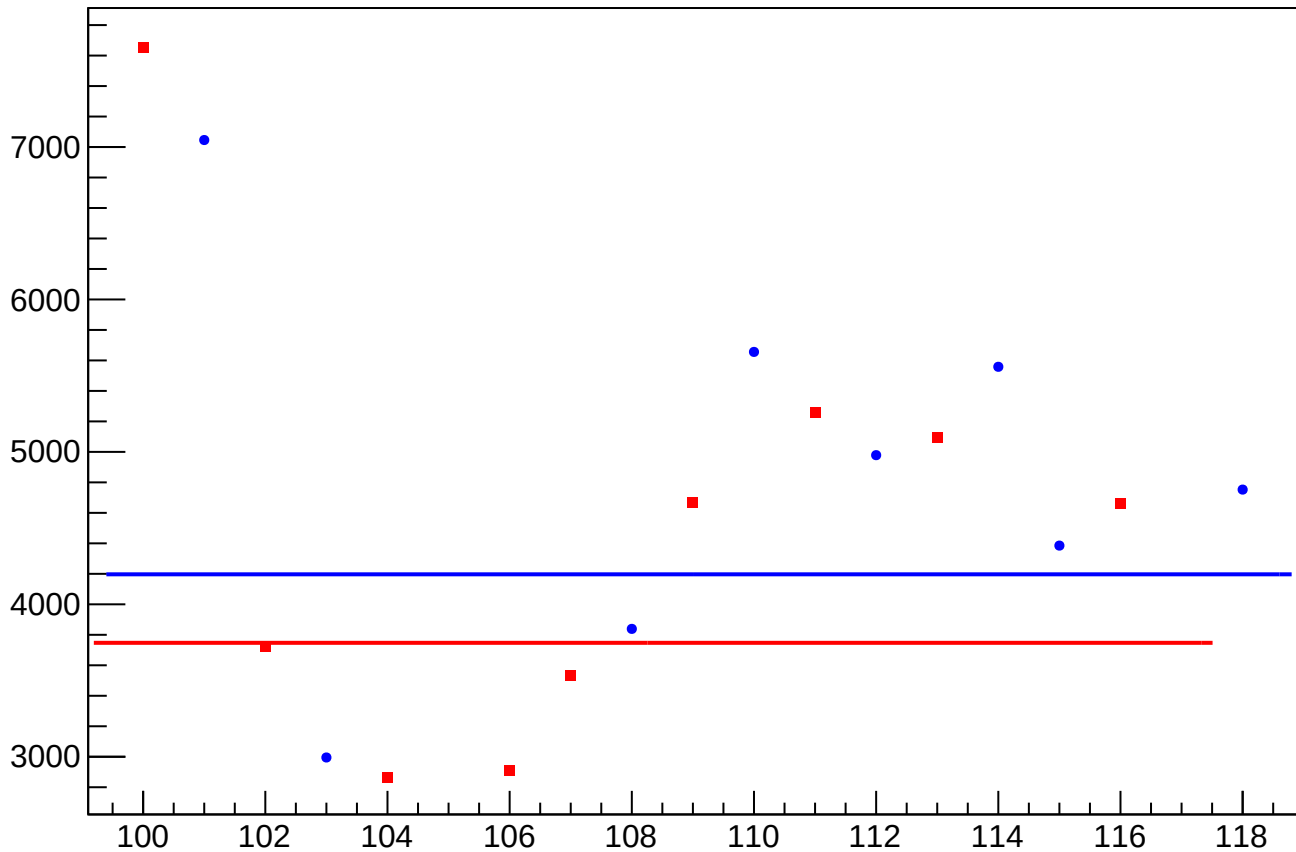
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1625.990+/-1602.870 χ^2/NDF : 21.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_rms vs Slug



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: 3747.417+/-1.503 χ^2/NDF : 383621.4/8

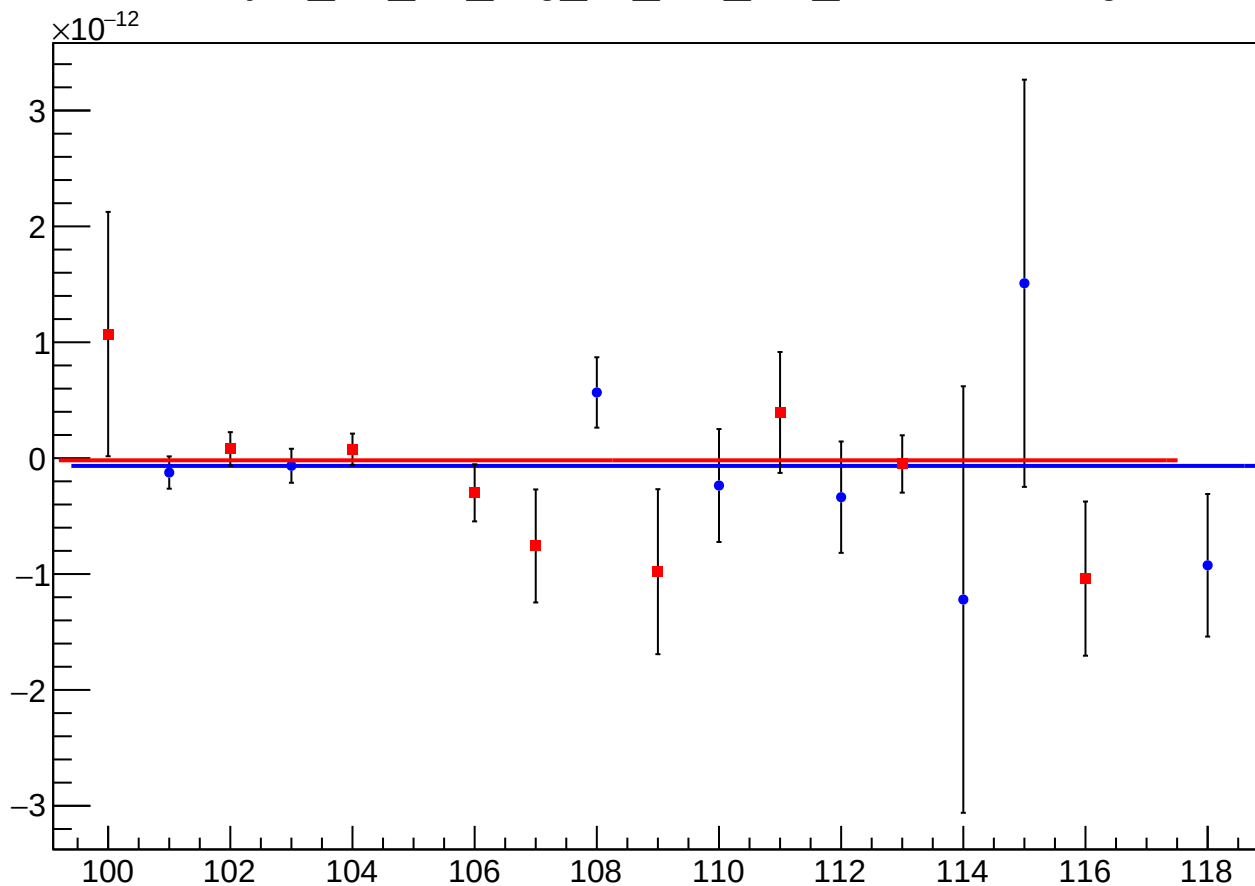
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3945.202+/-1.124 χ^2/NDF : 942318.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym atr dd reg vs cor diff mean vs Slug



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 : 10.5/8

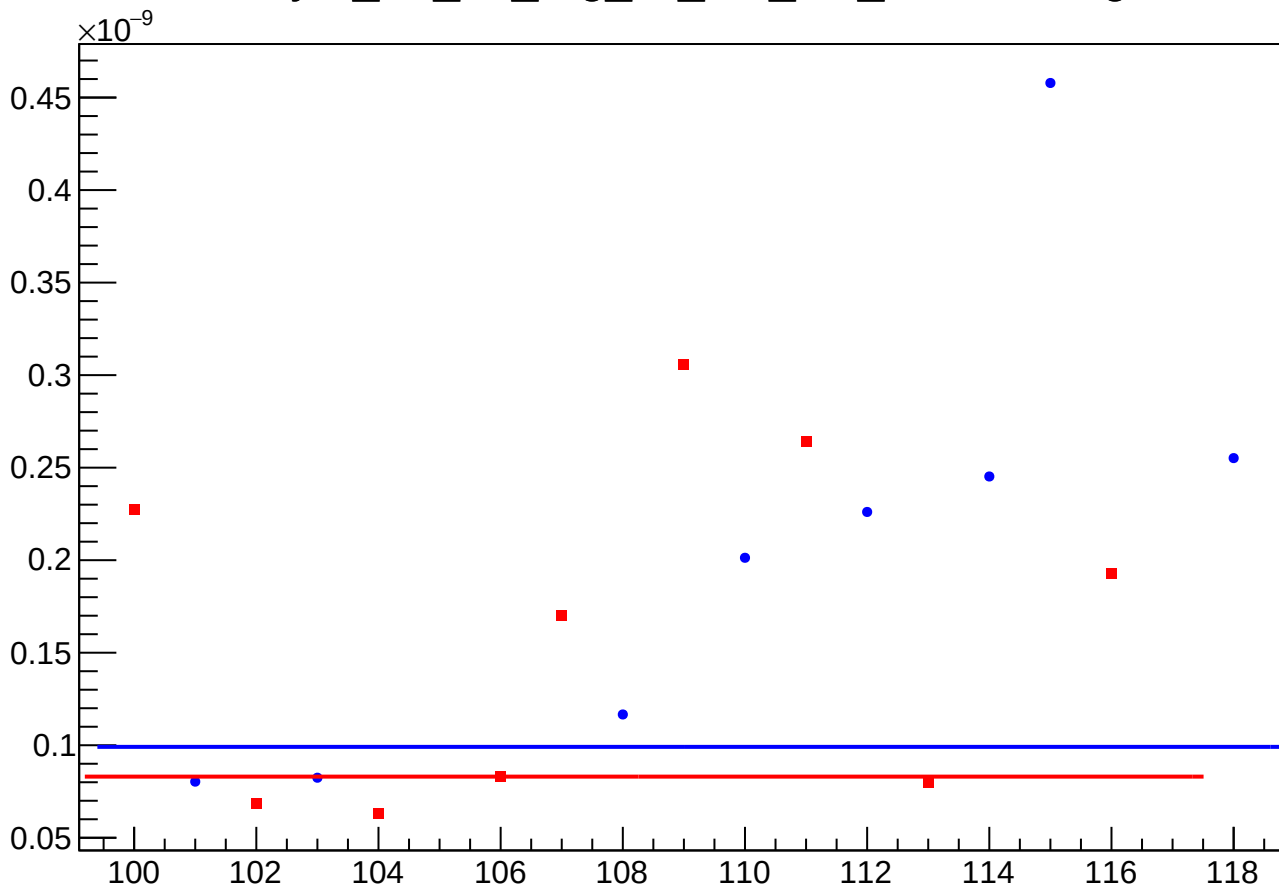
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_vs_cor_diff_rms vs Slug



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 : 656915.9/8

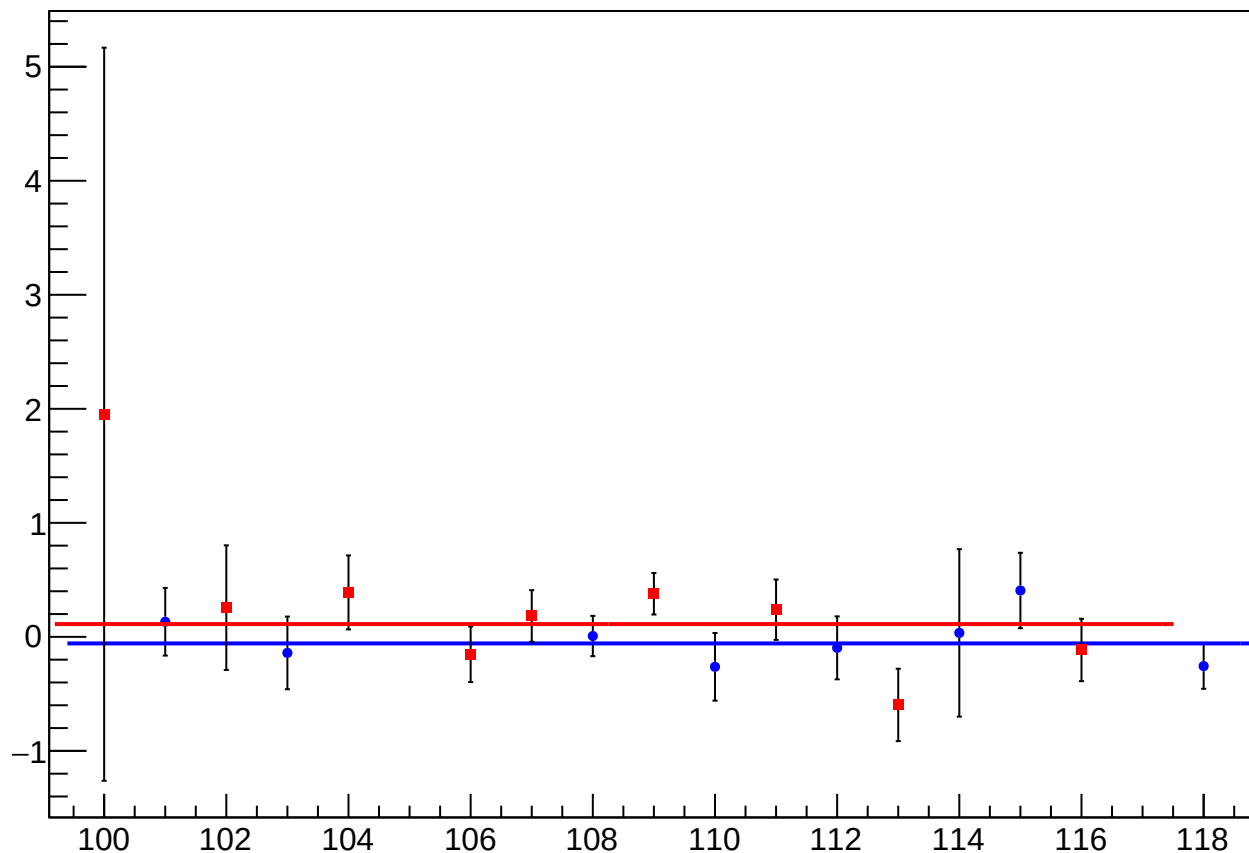
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1212376.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



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: 0.112 ± 0.092 χ^2/NDF : 10.4/8

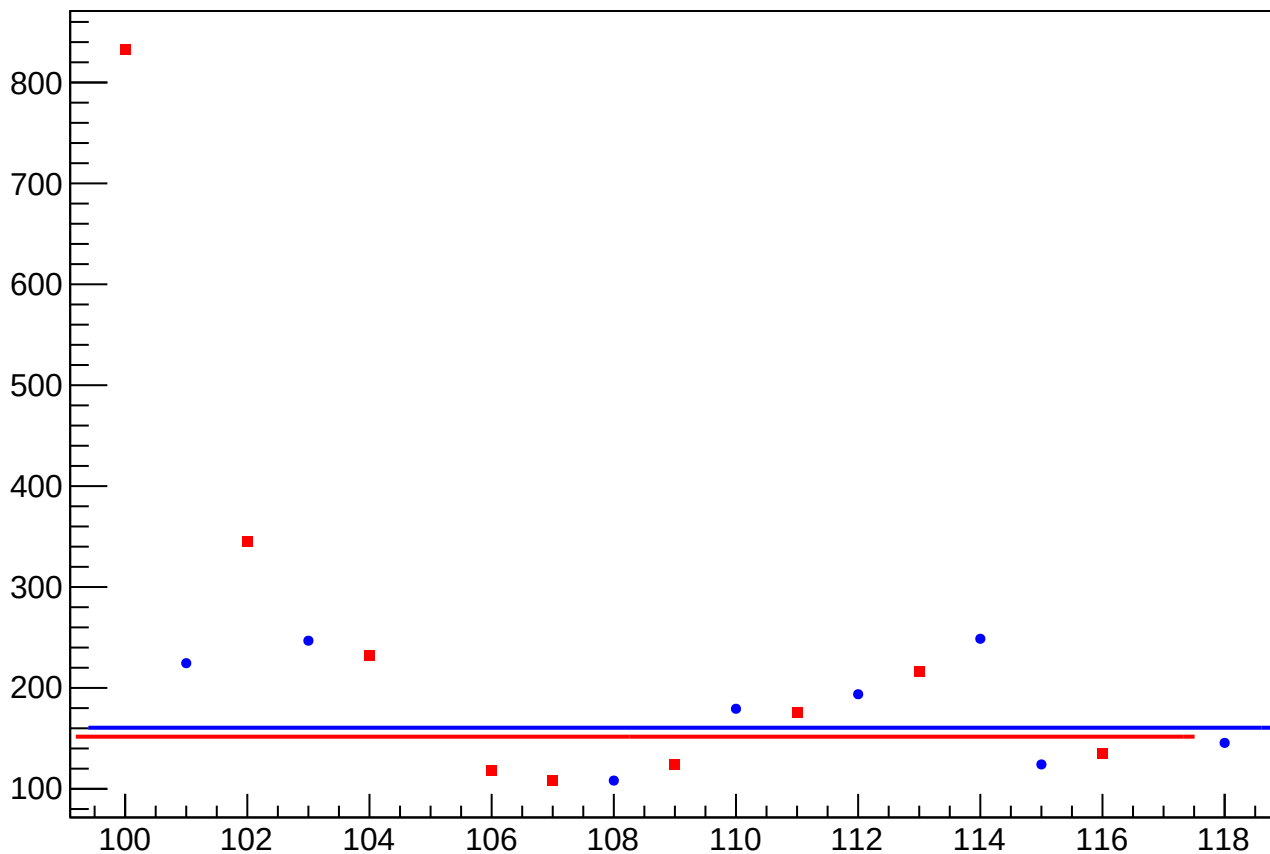
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.066 χ^2/NDF : 16.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 160.560 $\pm$ 0.066 χ^2 /NDF: 516539.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.705 $\pm$ 0.065 χ^2 /NDF: 727971.6/8

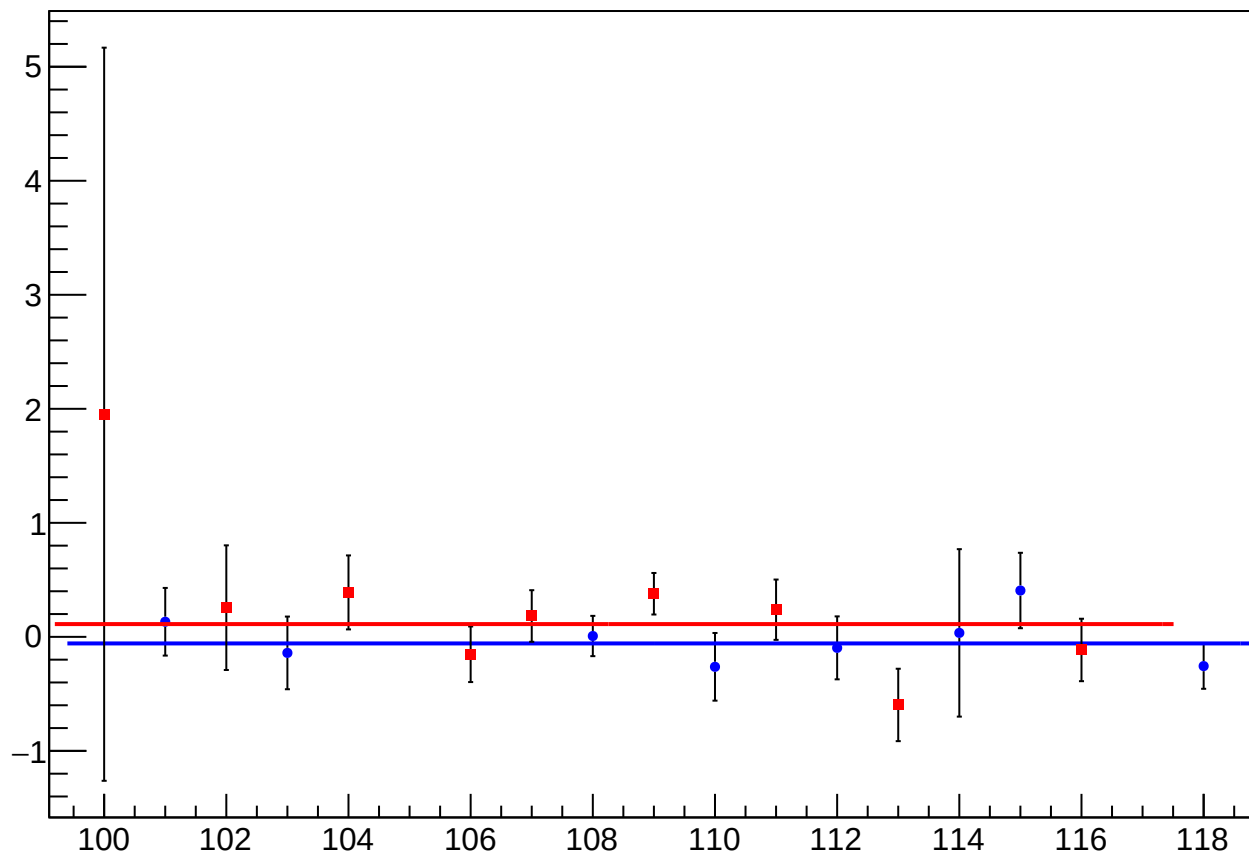
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.073 $\pm$ 0.047 χ^2 /NDF: 1253564.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.058 $\pm$ 0.094 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.112 $\pm$ 0.092 χ^2 /NDF: 10.4/8

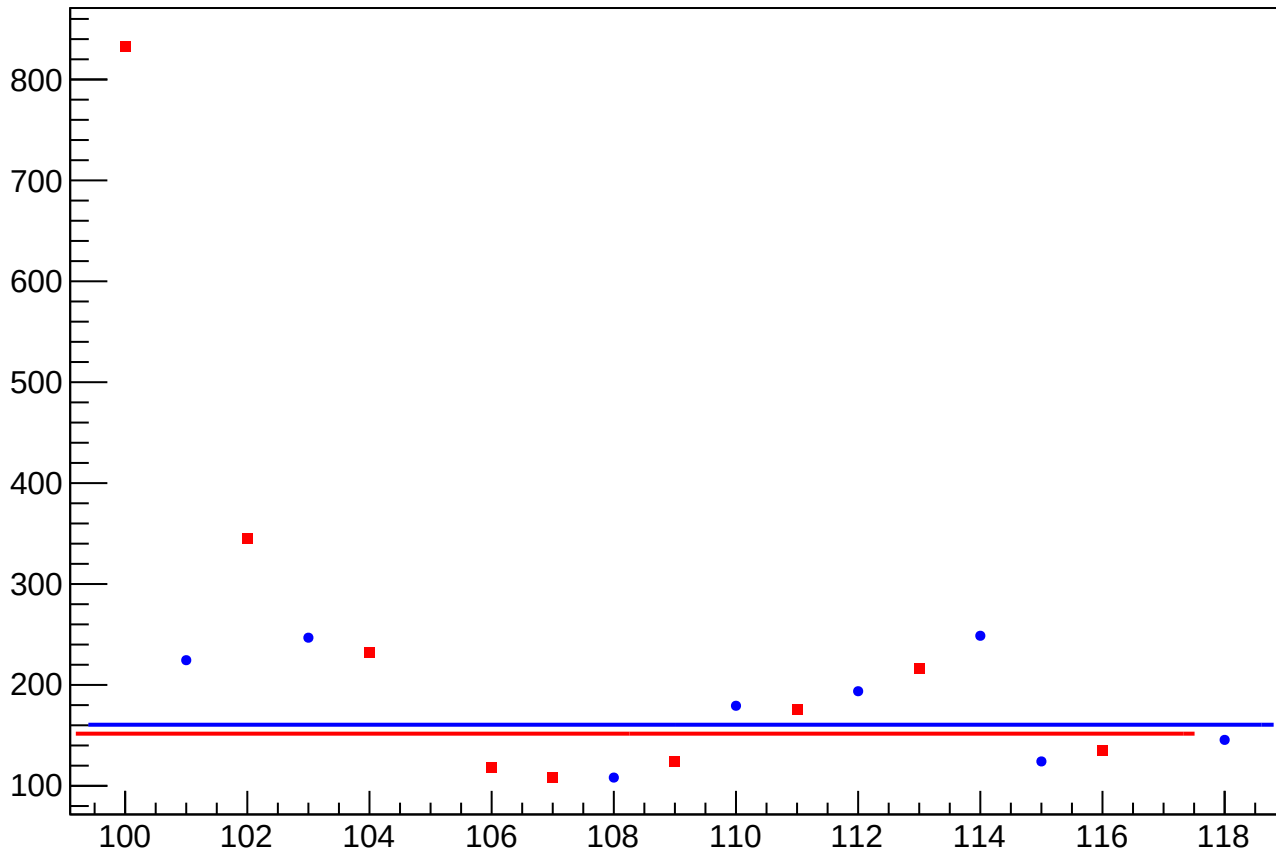
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.028 $\pm$ 0.066 χ^2 /NDF: 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 151.705+/-0.065 χ^2/NDF : 727971.6/8

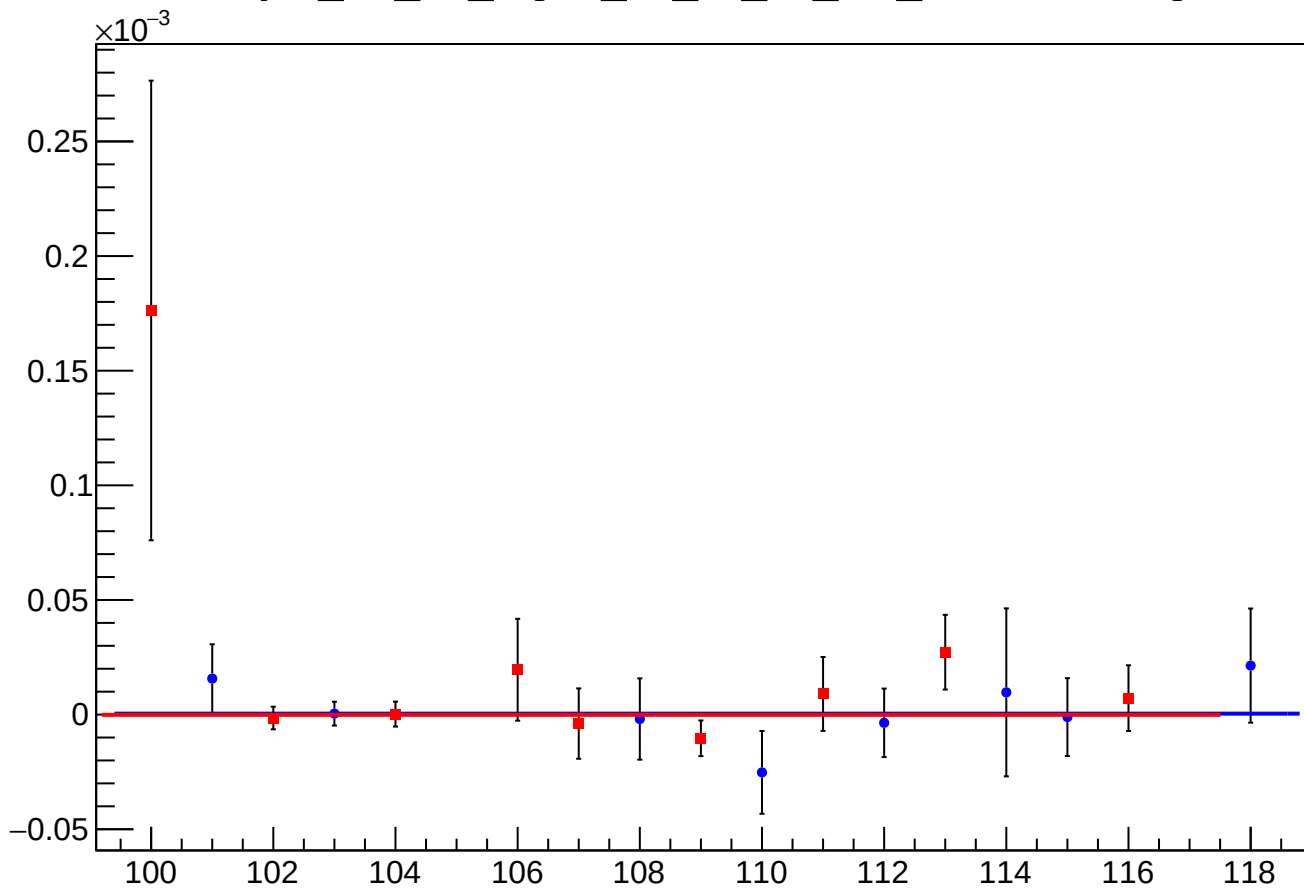
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.073+/-0.047 χ^2/NDF : 1253564.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/8

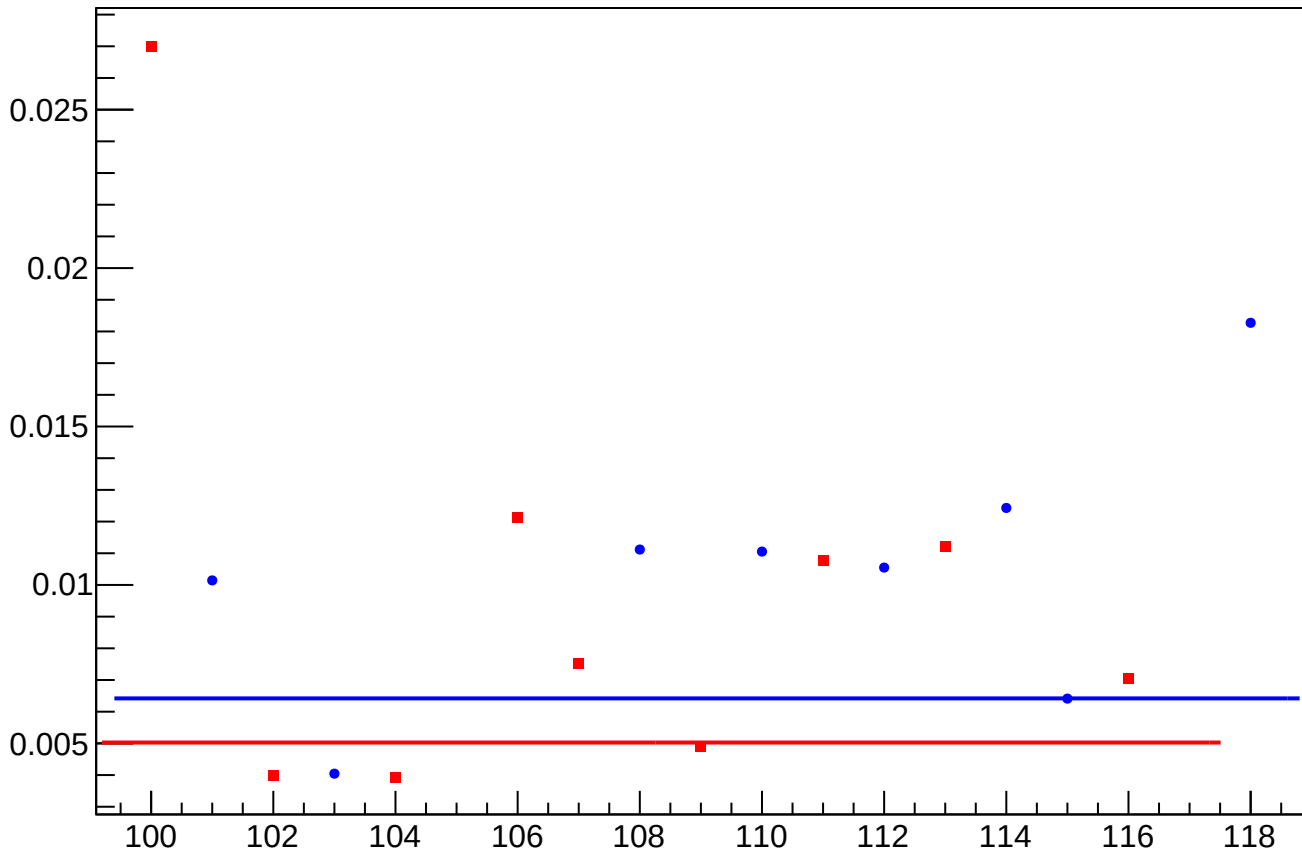
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1109182.3/8

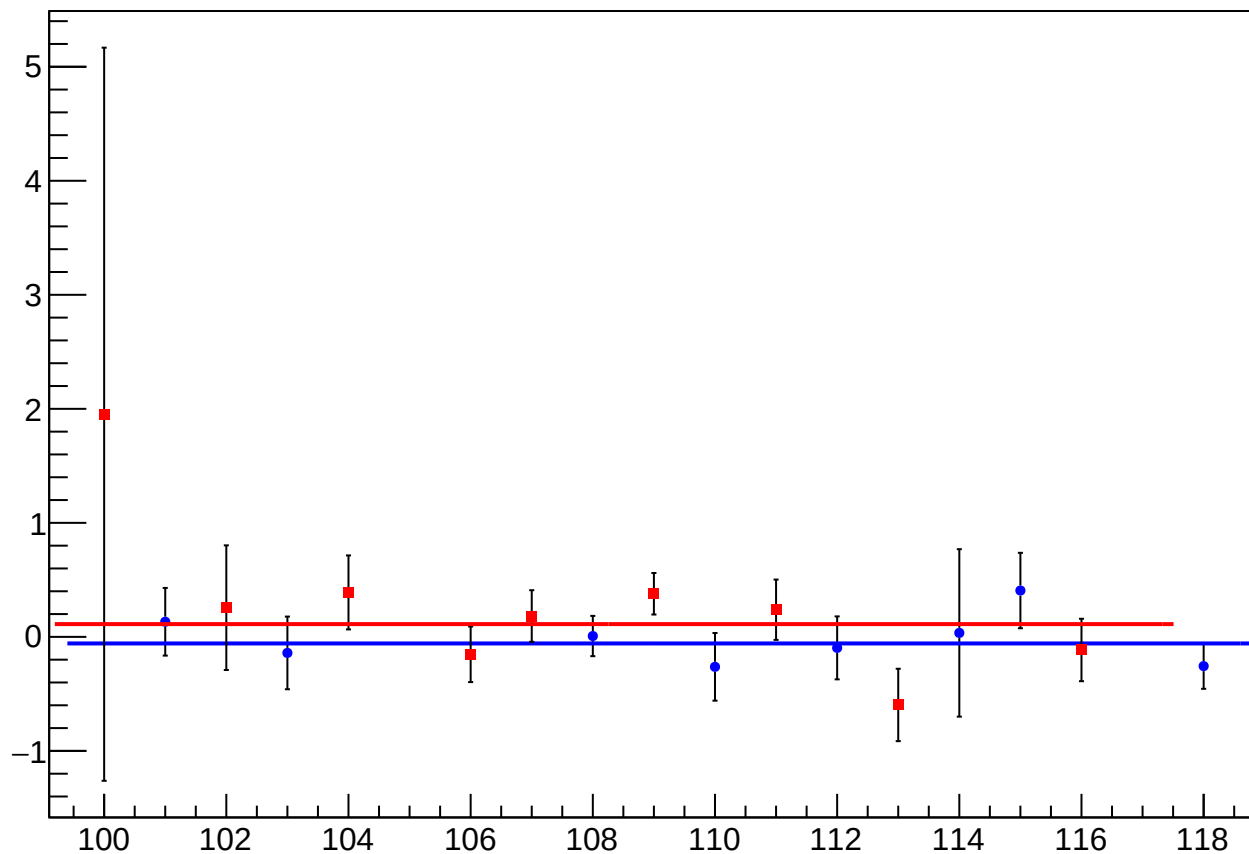
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2729877.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.112 ± 0.092 χ^2/NDF : 10.4/8

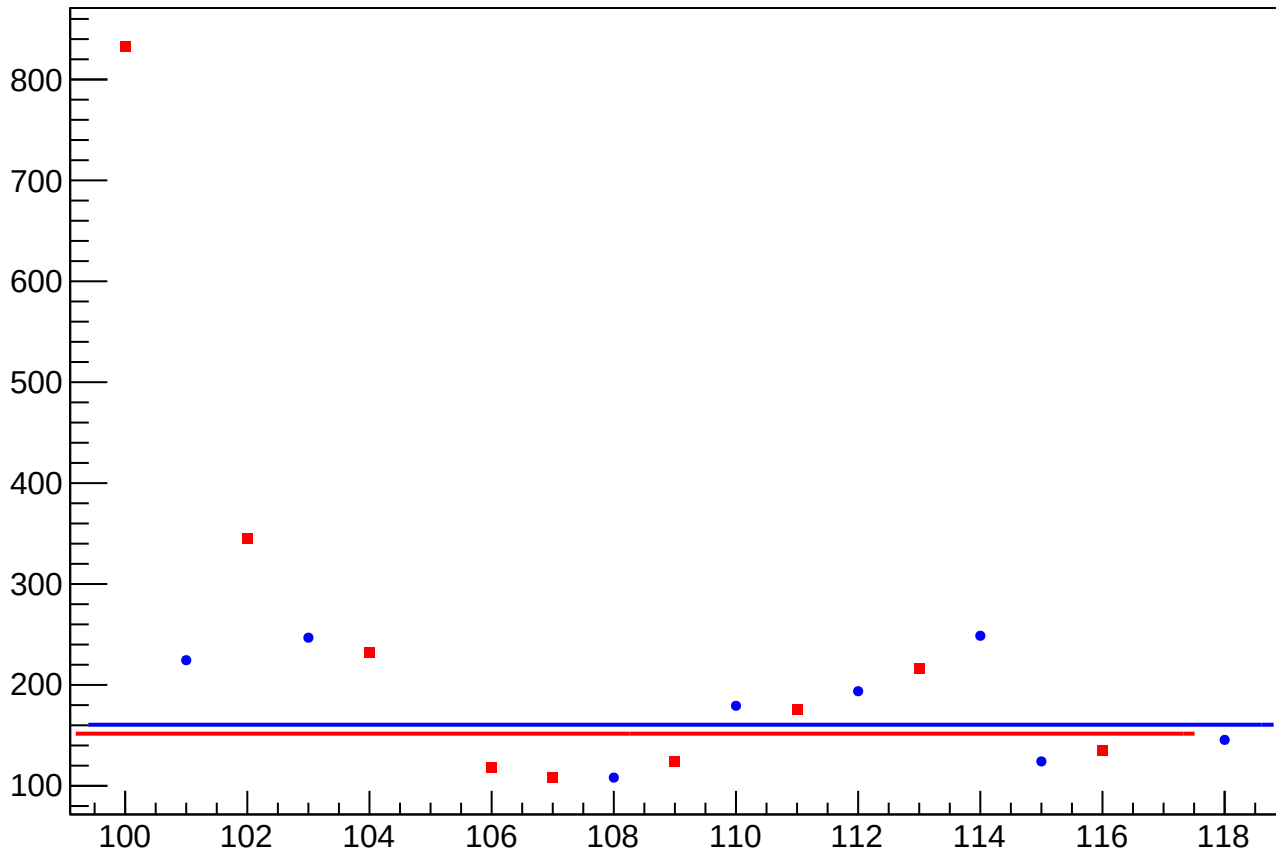
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.066 χ^2/NDF : 16.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 151.705+/-0.065 χ^2/NDF : 727975.2/8

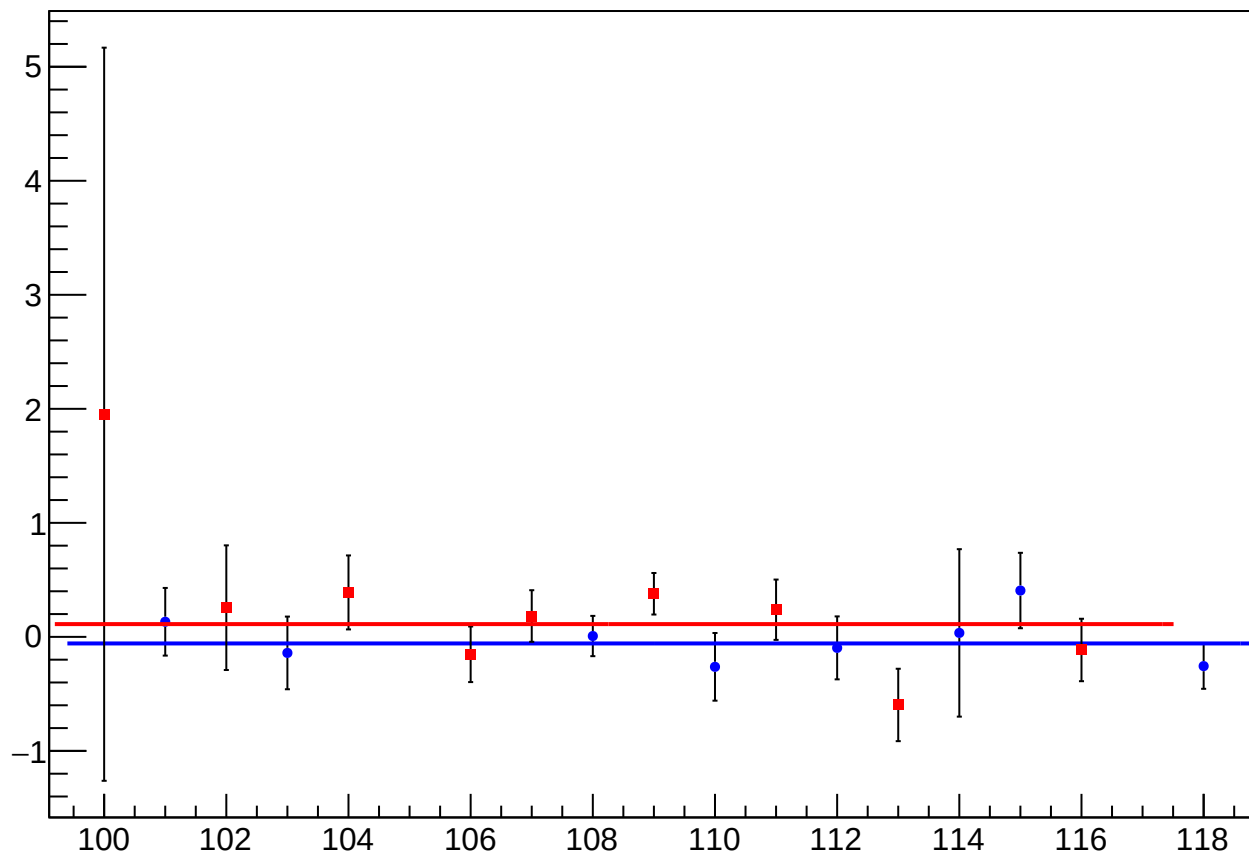
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.072+/-0.047 χ^2/NDF : 1253606.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.112+/-0.092 χ^2 /NDF: 10.4/8

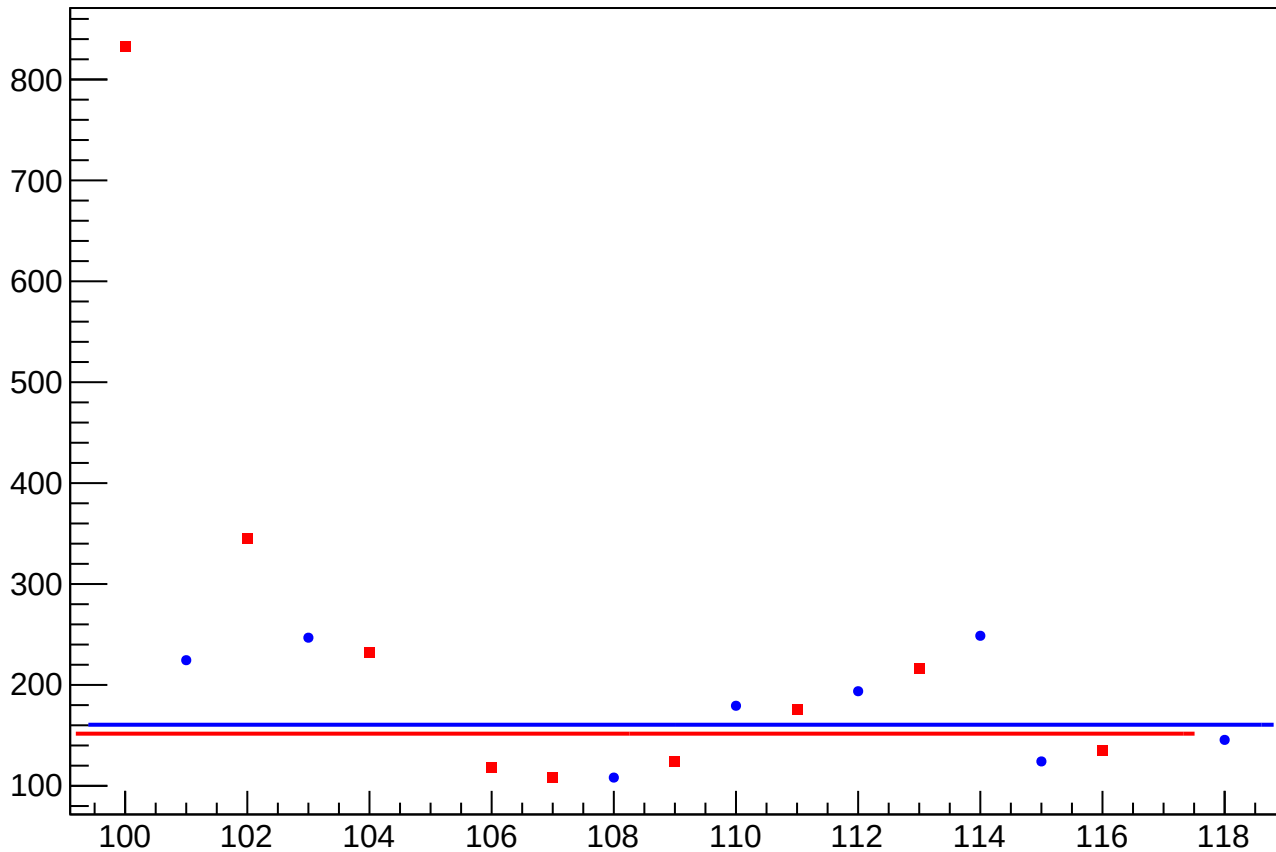
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.028+/-0.066 χ^2 /NDF: 16.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 151.705+/-0.065 χ^2/NDF : 727975.2/8

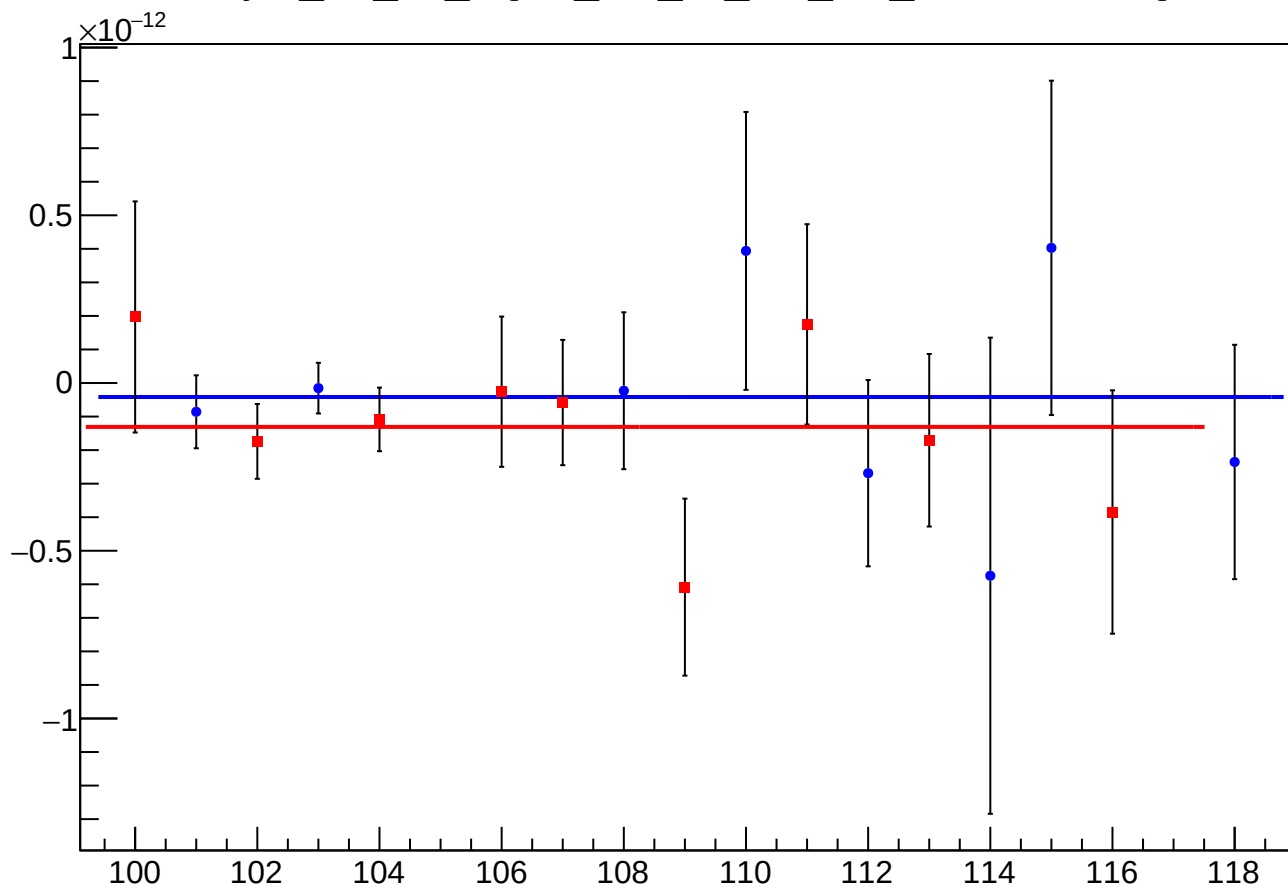
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.072+/-0.047 χ^2/NDF : 1253606.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 6.3/8

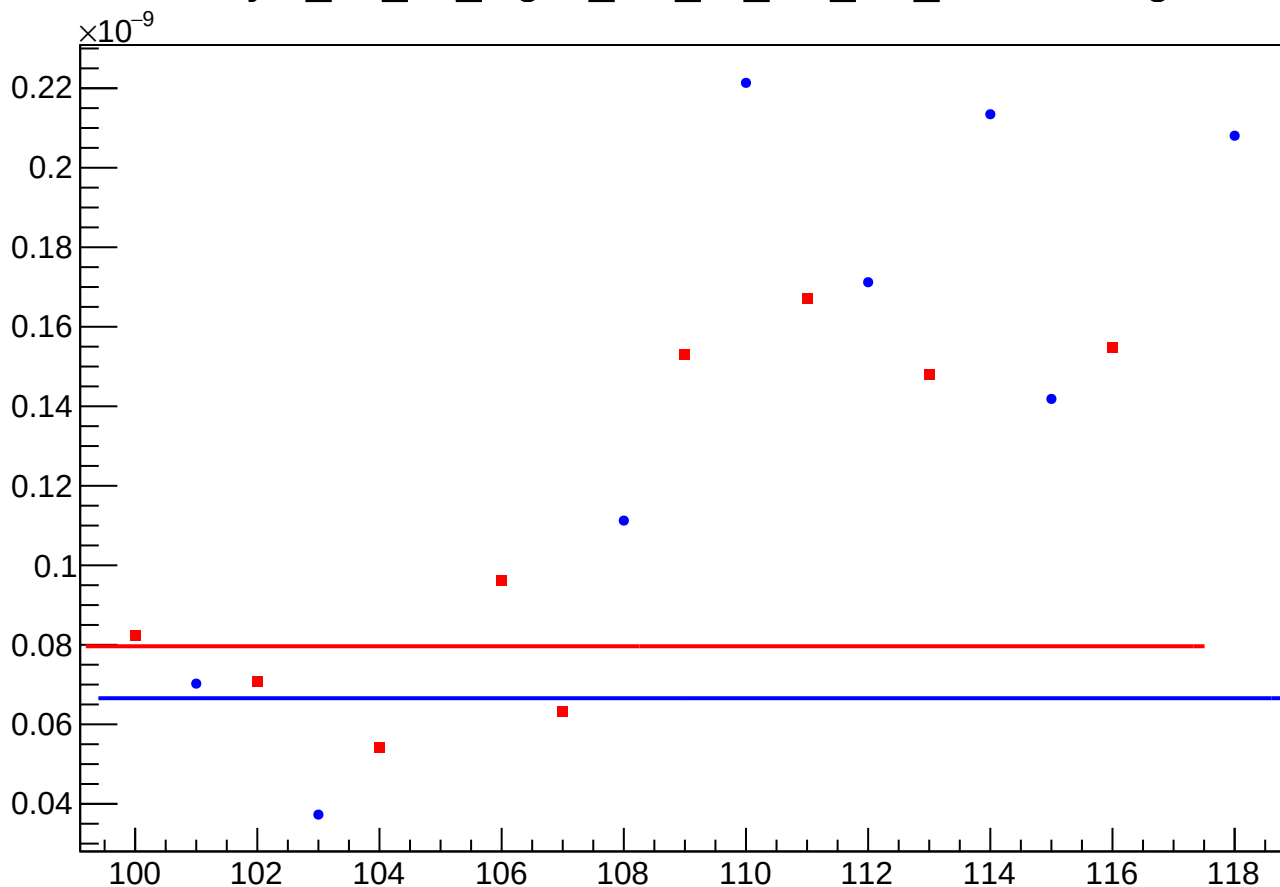
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 736081.8/8

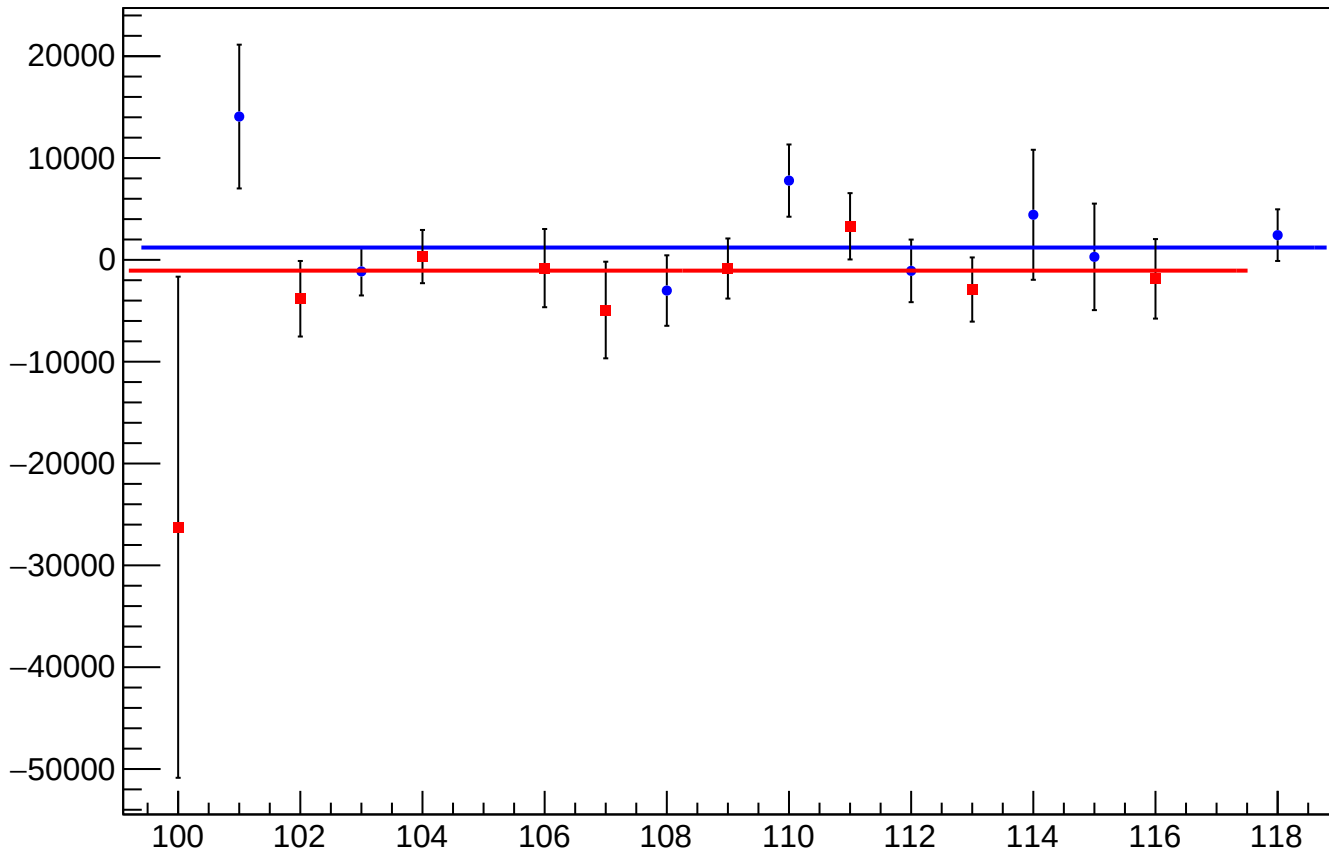
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2186710.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_mean vs Slug



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: -1058.218+/-1188.276 χ^2/NDF : 4.7/8

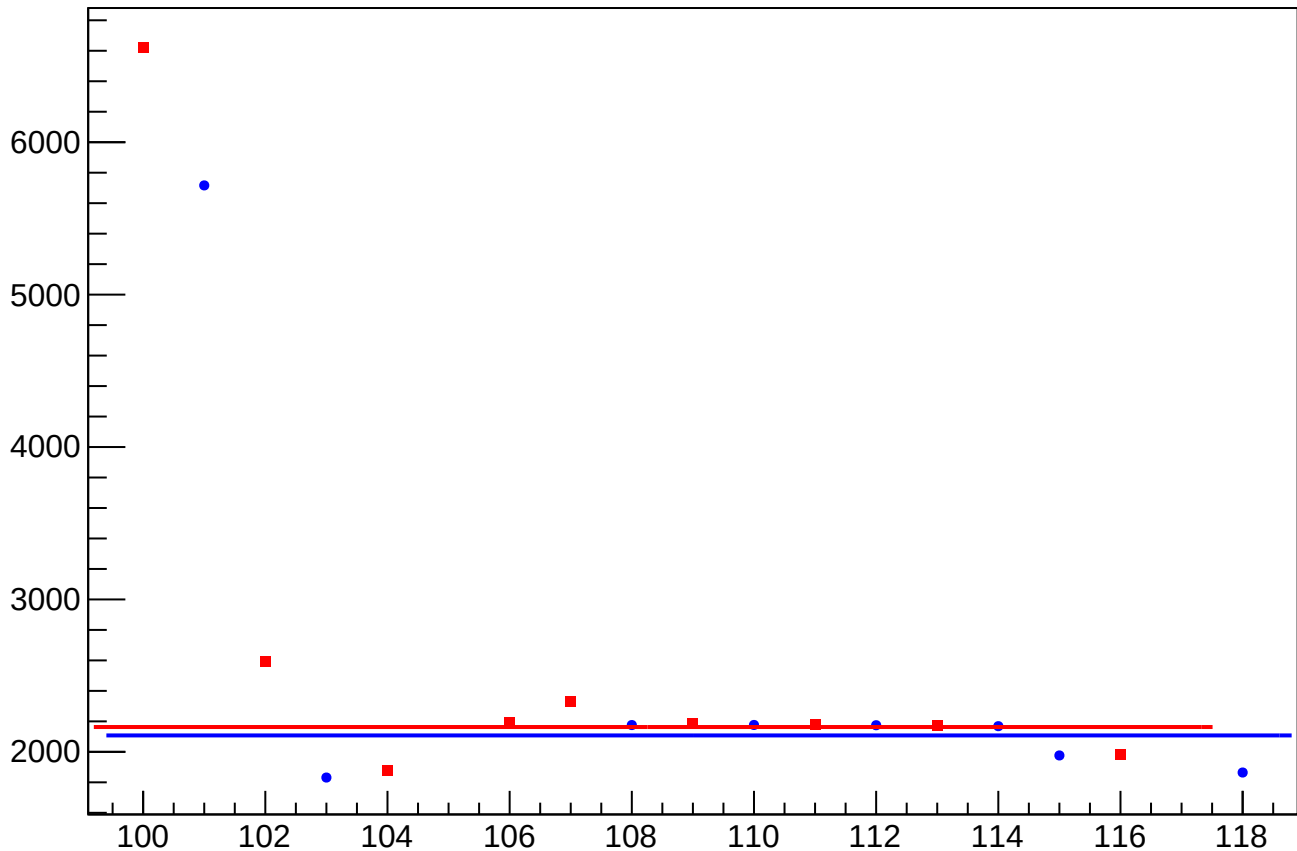
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.724+/-847.345 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



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: 2162.913+/-0.840 χ^2/NDF : 123006.2/8

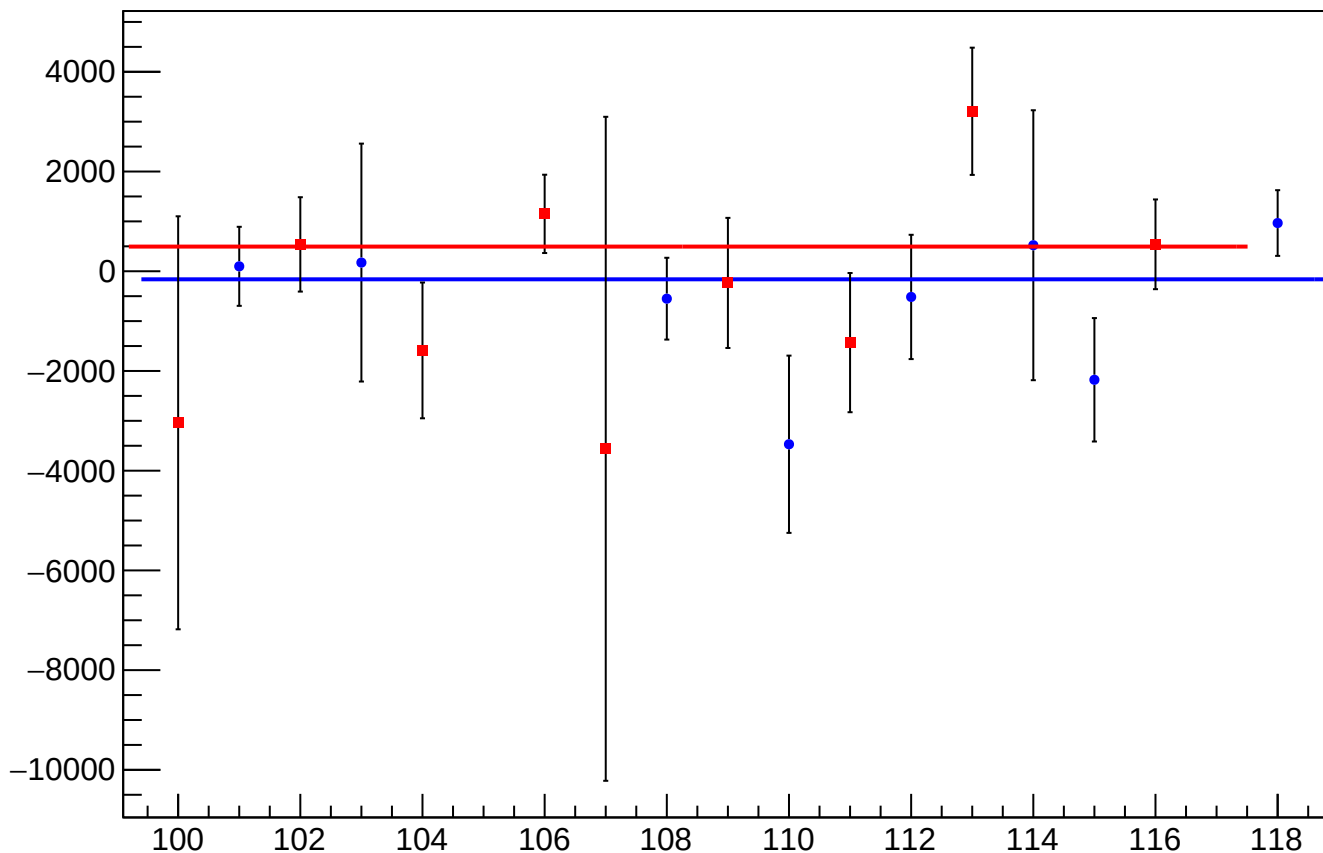
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2135.794+/-0.599 χ^2/NDF : 697447.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



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: 494.549+/-398.152 χ^2/NDF : 10.9/8

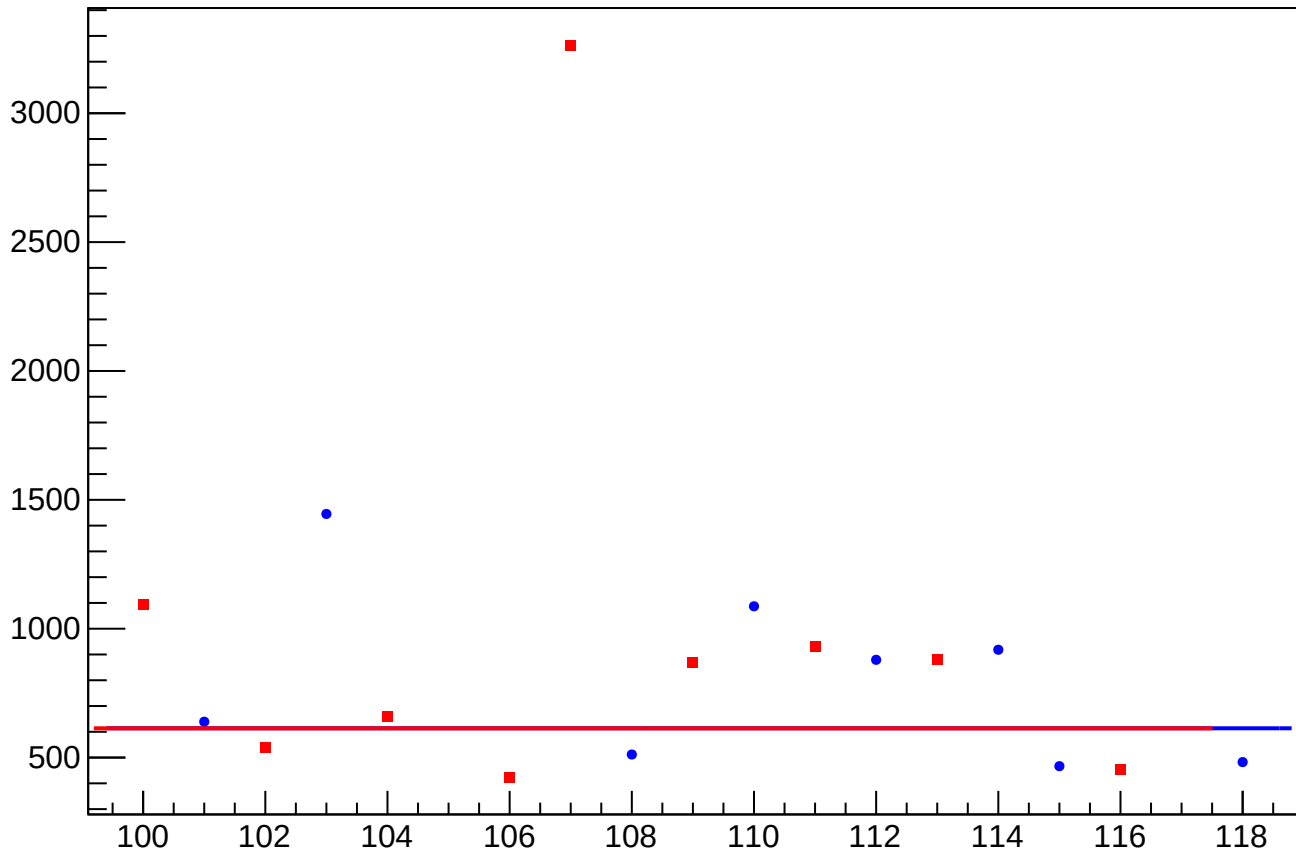
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.324+/-271.016 χ^2/NDF : 21.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



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: 613.469+/-0.282 χ^2/NDF : 805974.4/8

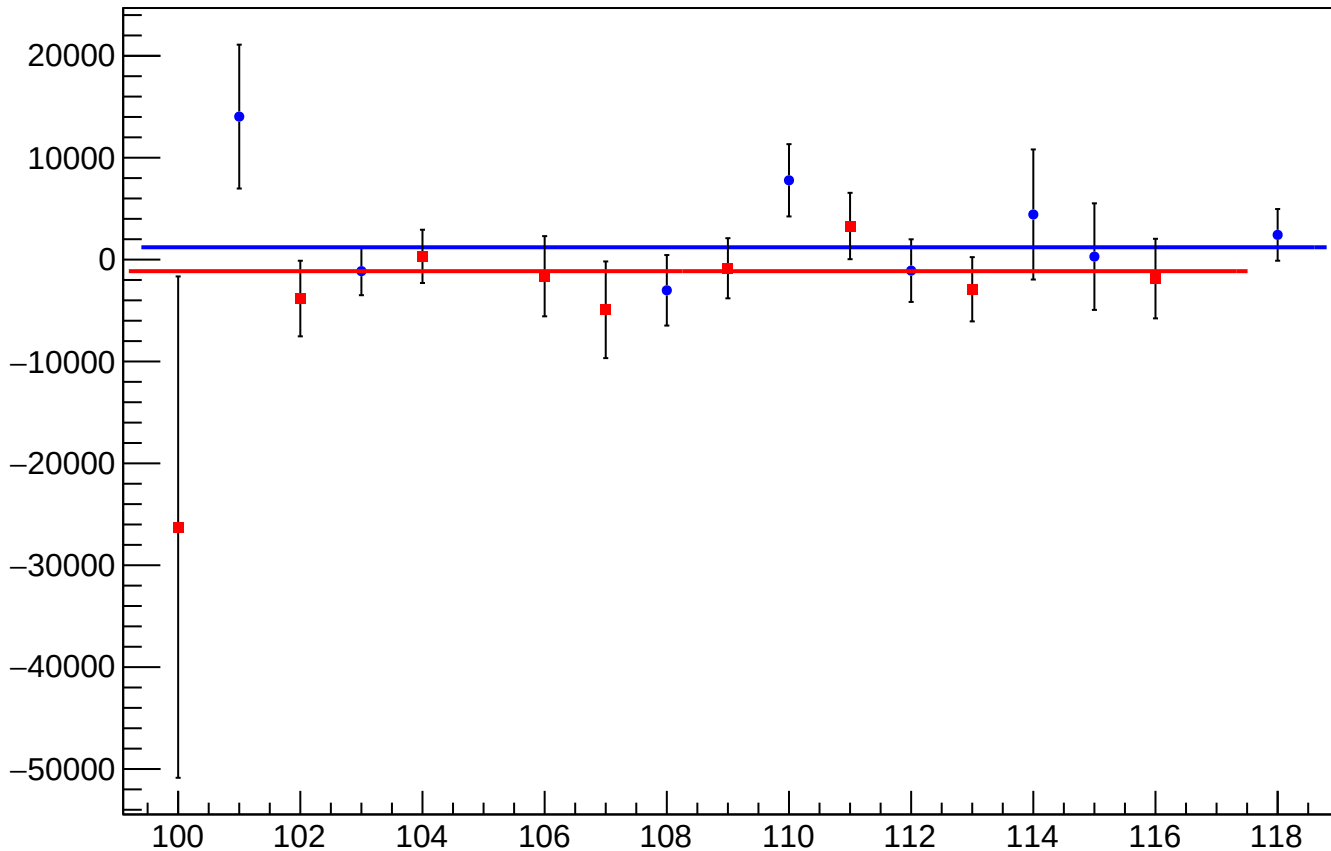
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.538+/-0.192 χ^2/NDF : 1447405.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 1209.535 $\pm$ 1208.637 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1135.640 $\pm$ 1191.004 χ^2 /NDF: 4.7/8

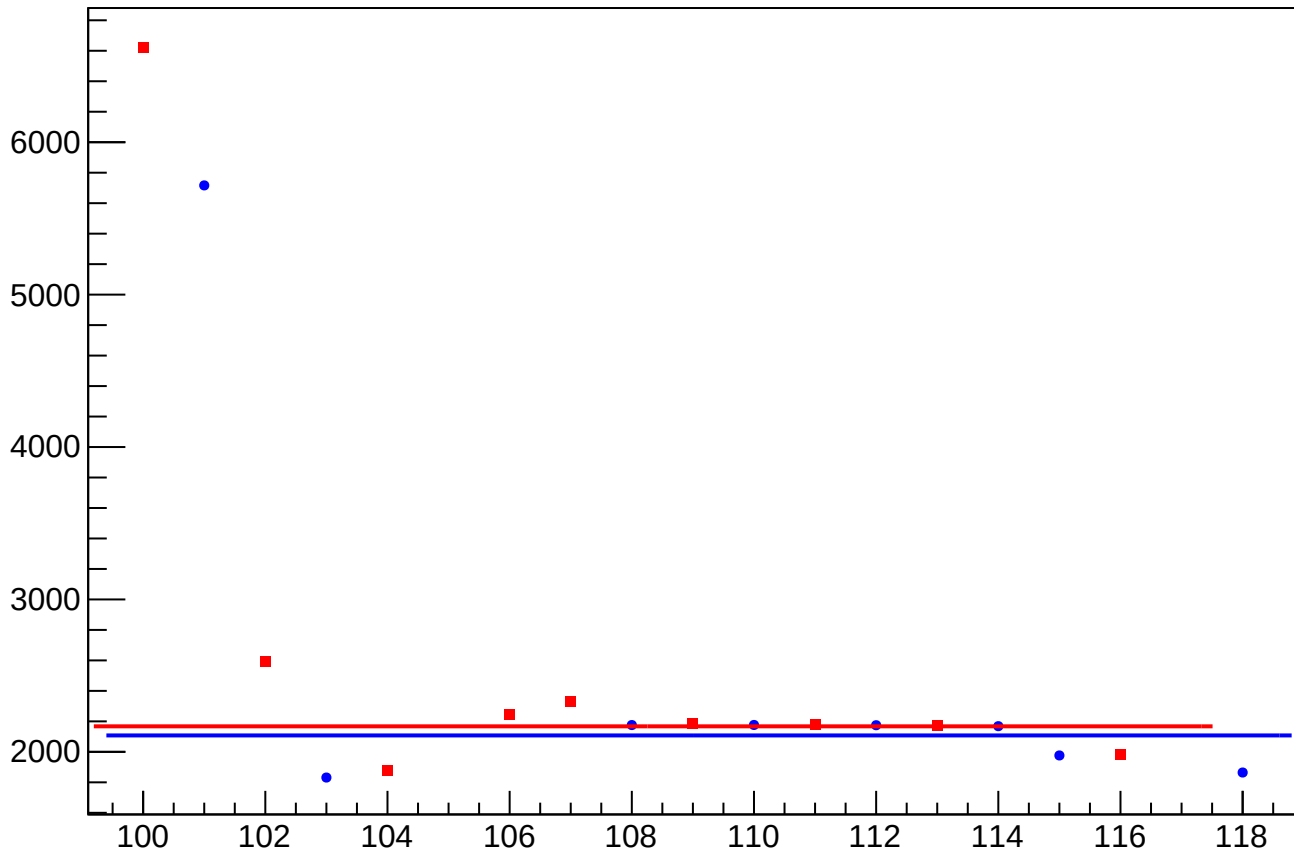
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.715 $\pm$ 848.333 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 2107.737 $\pm$ 0.855 χ^2 /NDF: 572321.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2167.425 $\pm$ 0.842 χ^2 /NDF: 123692.9/8

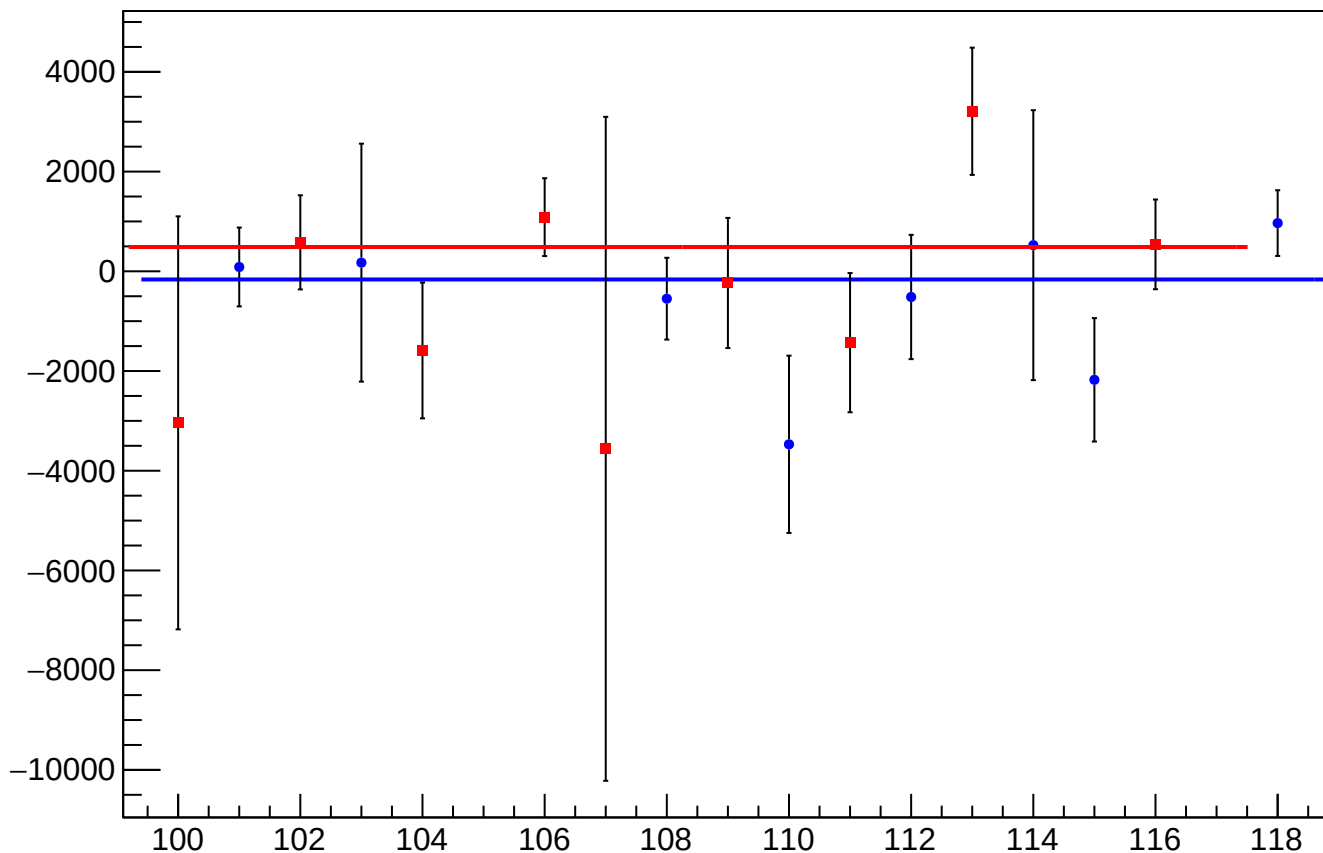
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2138.020 $\pm$ 0.600 χ^2 /NDF: 698489.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



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: 487.484+/-397.394 χ^2/NDF : 10.8/8

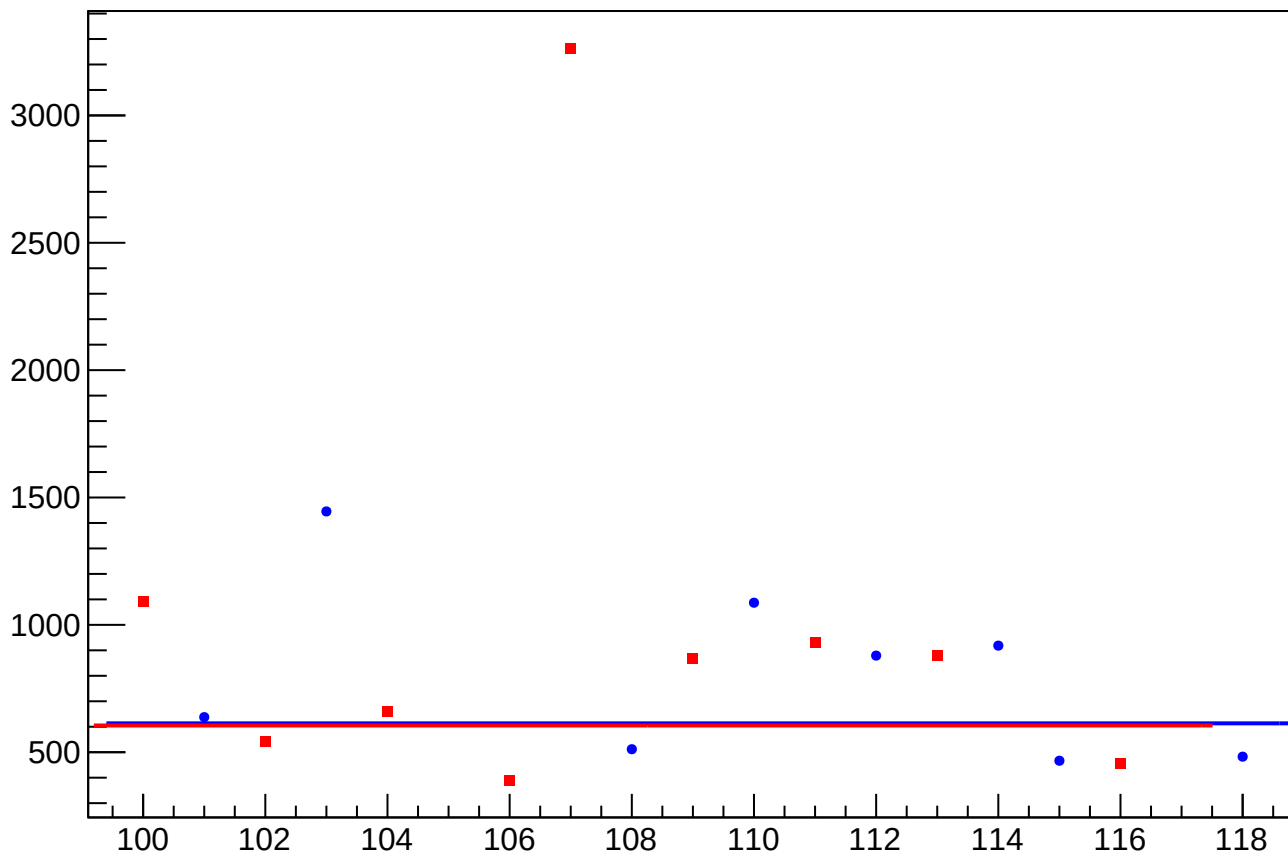
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.329+/-270.695 χ^2/NDF : 21.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



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: 604.939+/-0.281 χ^2/NDF : 851085.5/8

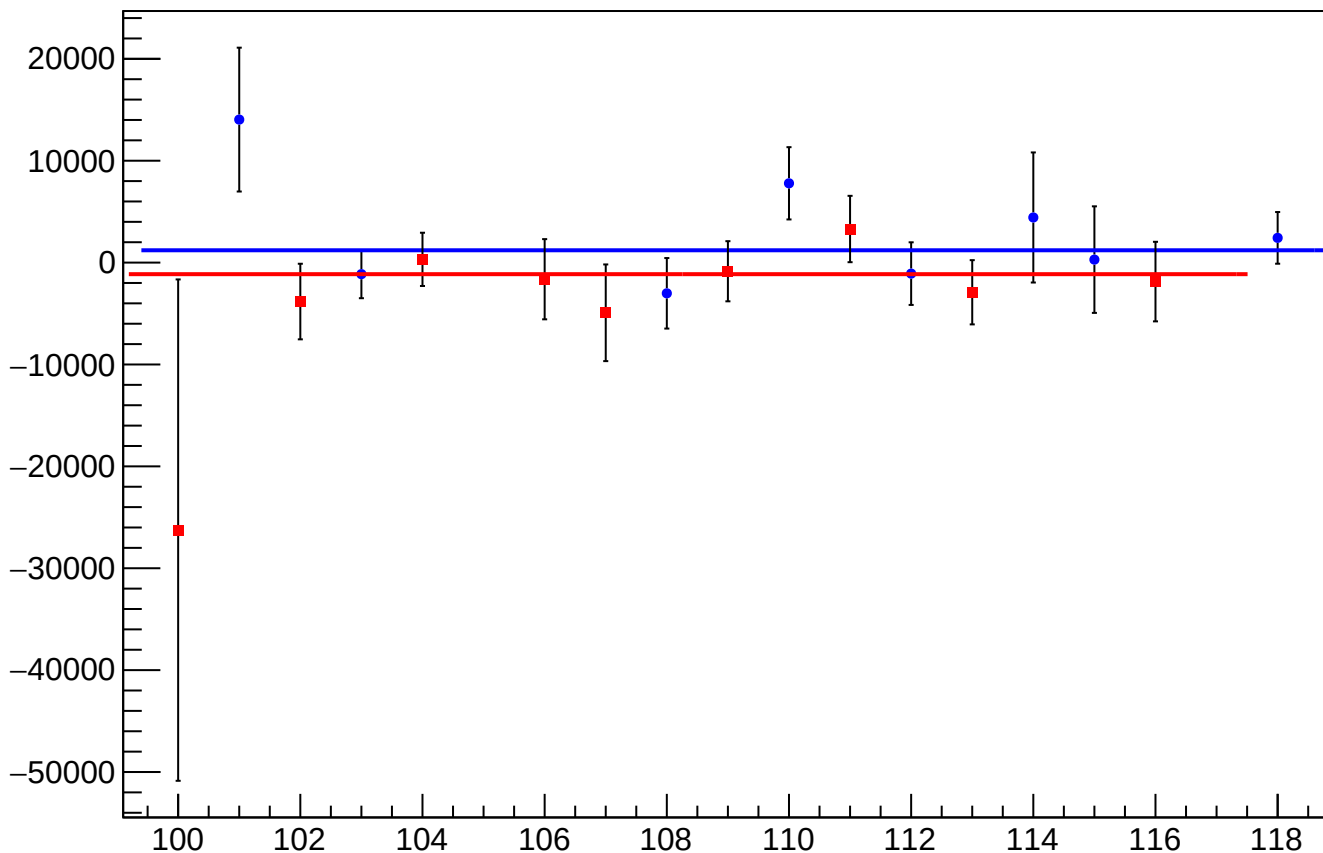
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.426+/-0.191 χ^2/NDF : 1492799.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 1209.535 $\pm$ 1208.637 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1135.640 $\pm$ 1191.004 χ^2 /NDF: 4.7/8

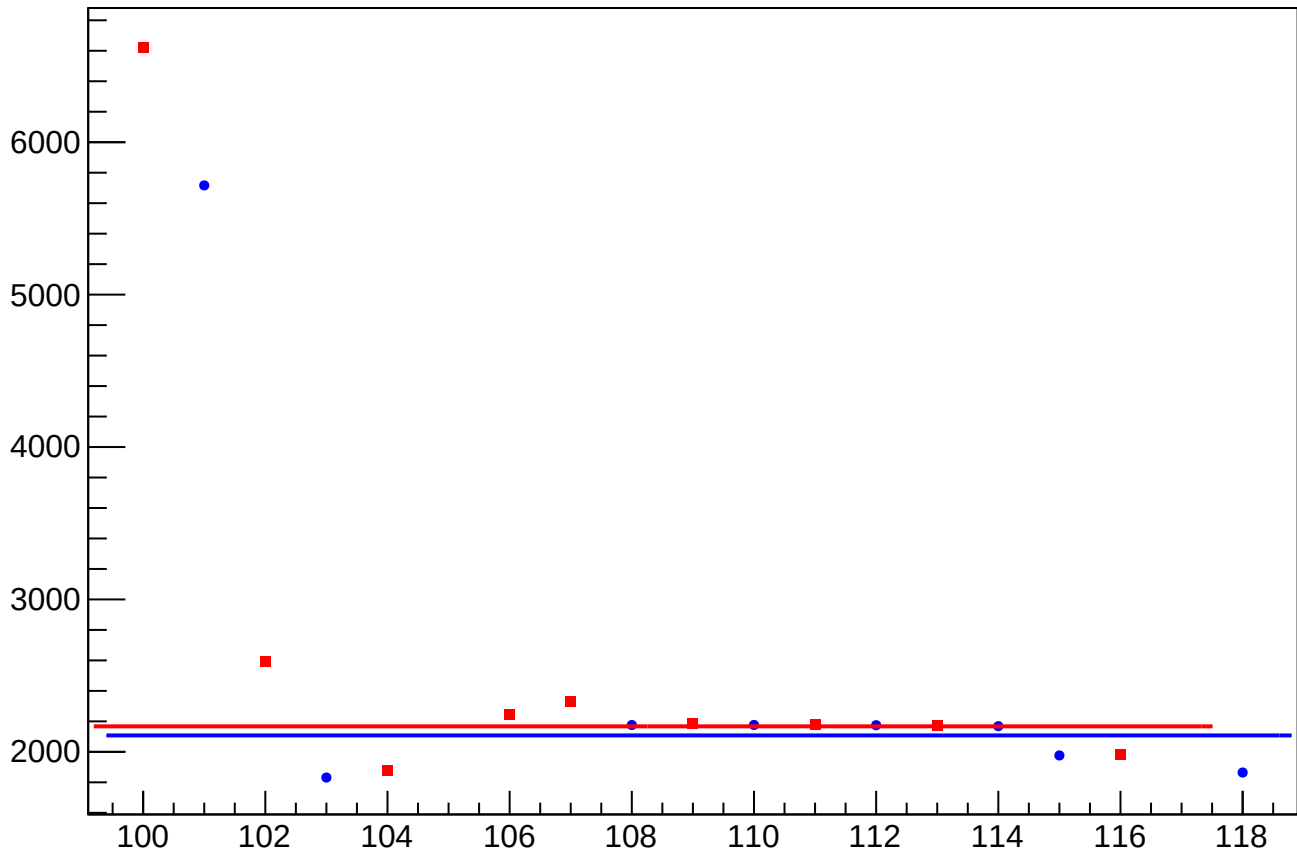
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.715 $\pm$ 848.333 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 2107.737 $\pm$ 0.855 χ^2 /NDF: 572321.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2167.425 $\pm$ 0.842 χ^2 /NDF: 123692.9/8

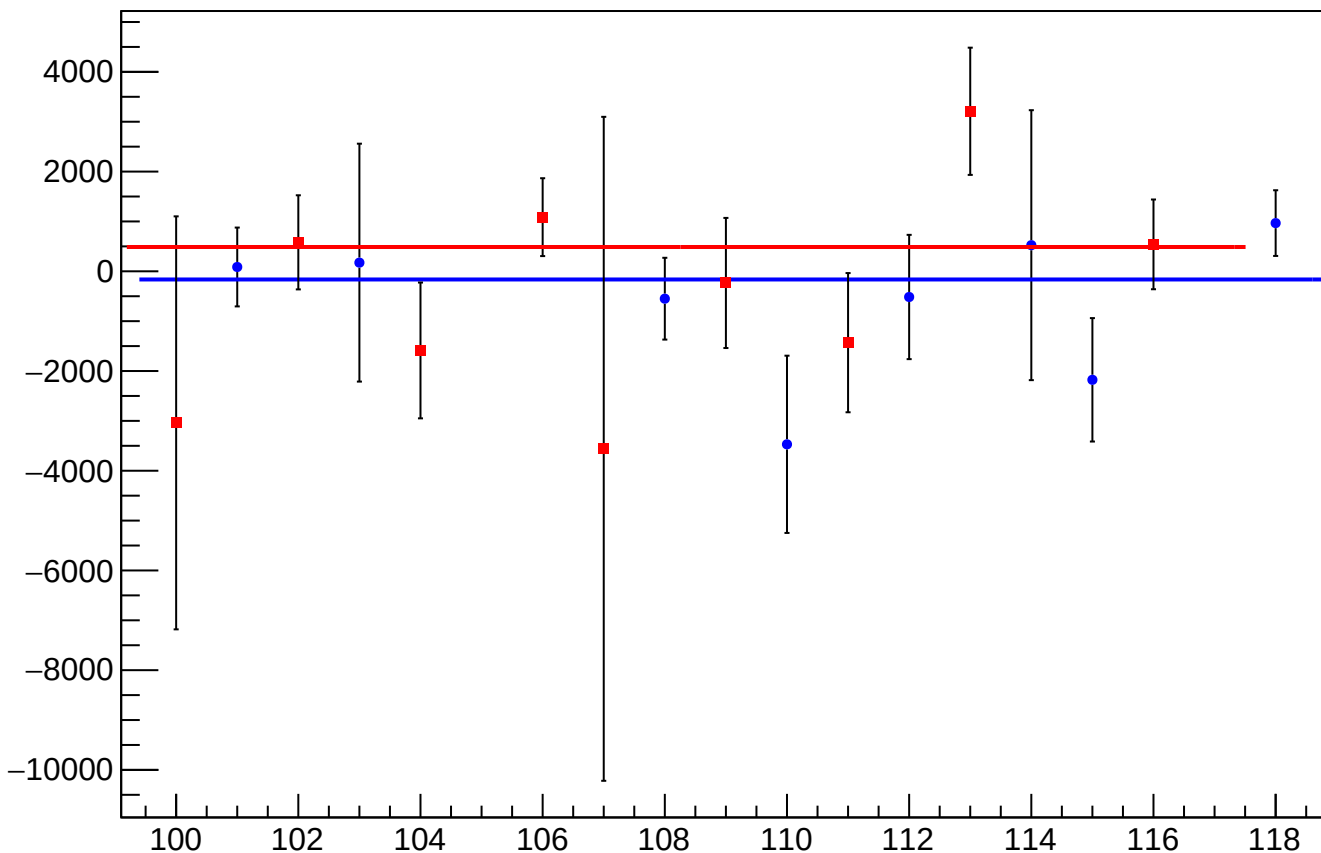
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2138.020 $\pm$ 0.600 χ^2 /NDF: 698489.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



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: 487.484+/-397.394 χ^2/NDF : 10.8/8

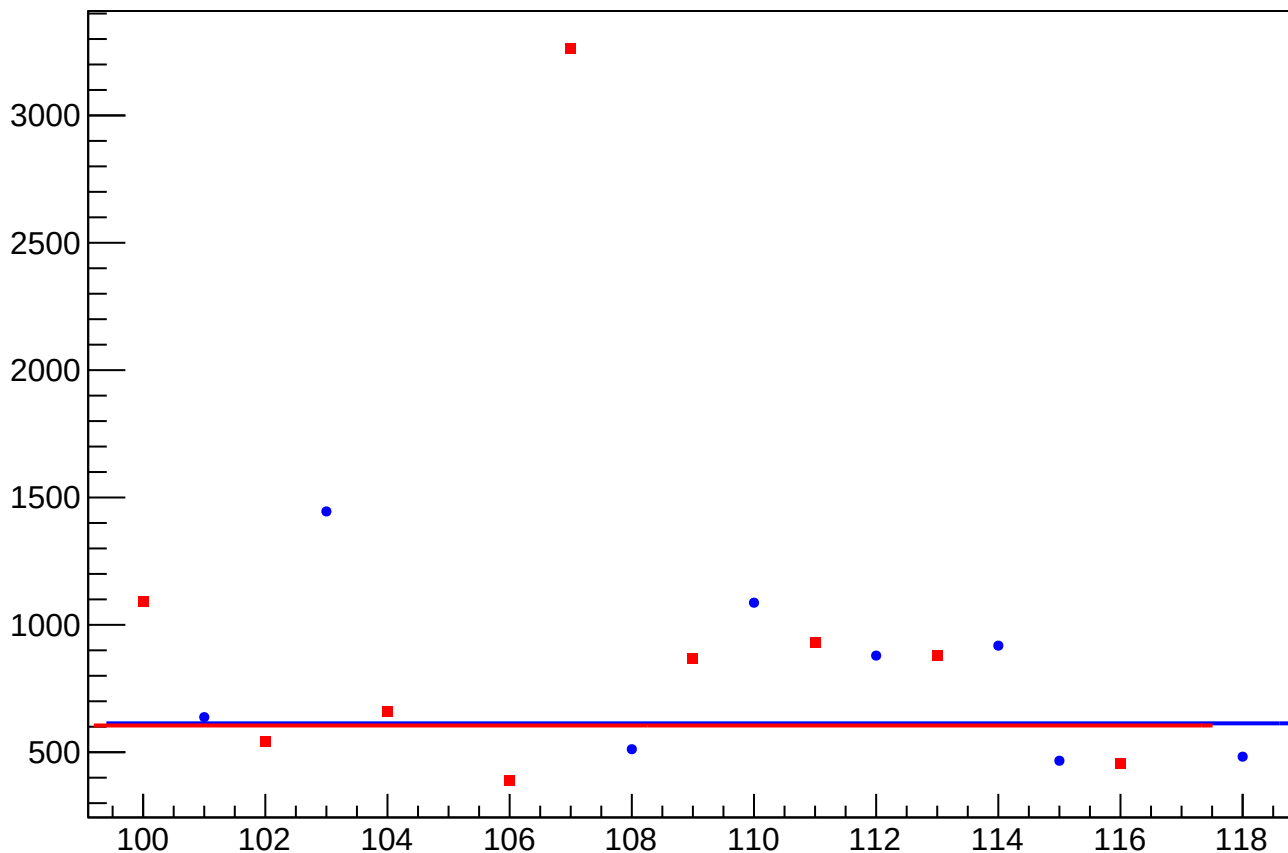
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.329+/-270.695 χ^2/NDF : 21.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



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: 604.939+/-0.281 χ^2/NDF : 851085.5/8

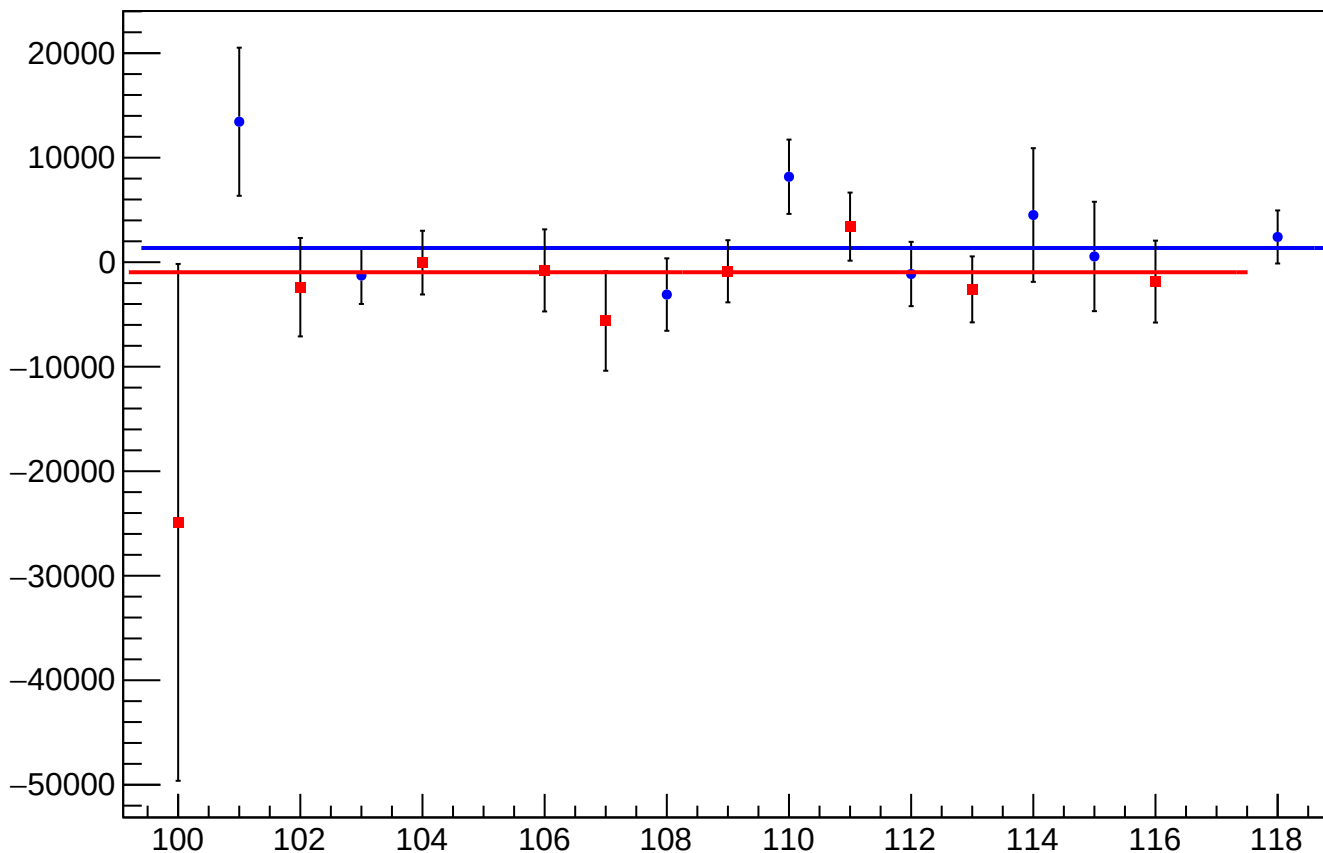
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 609.426+/-0.191 χ^2/NDF : 1492799.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 1358.819 $\pm$ 1250.230 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -960.691 $\pm$ 1253.862 χ^2 /NDF: 4.2/8

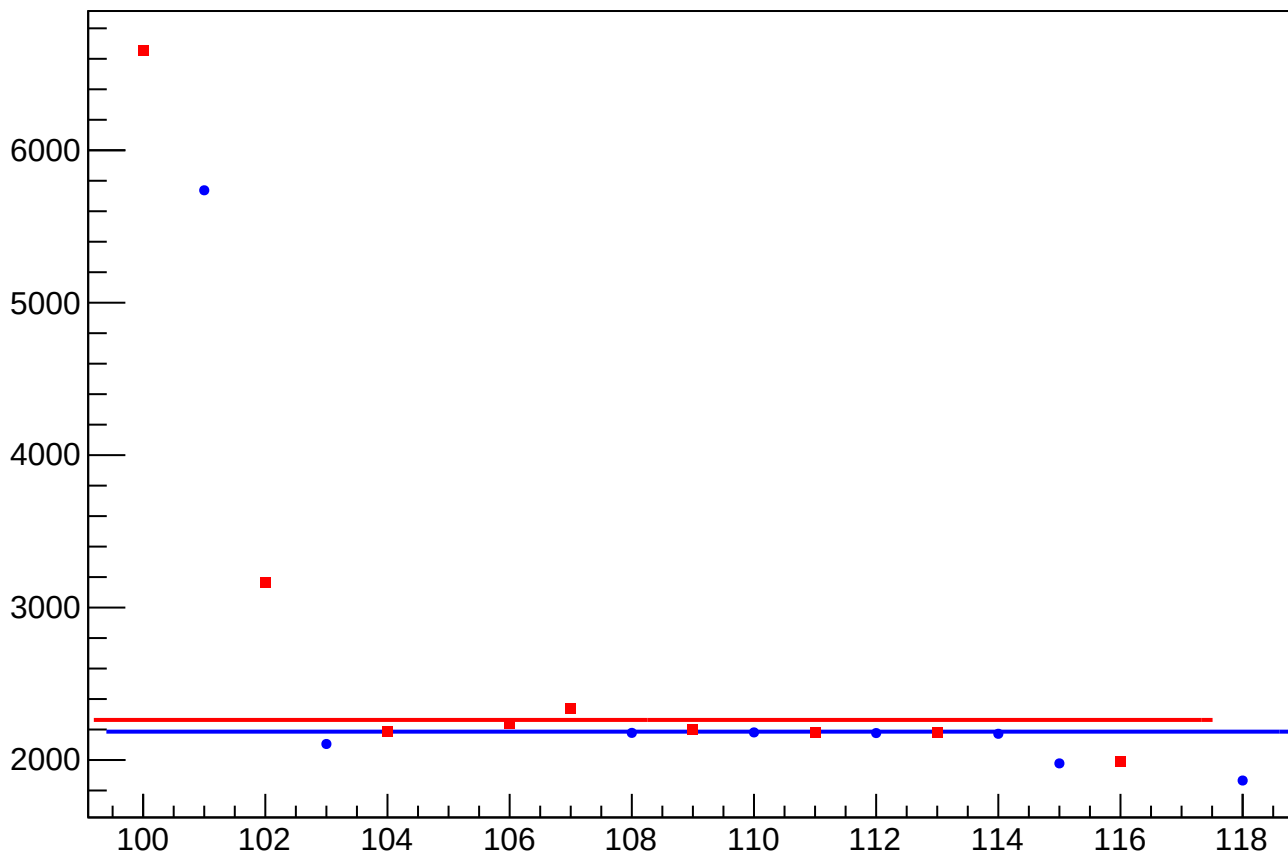
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.428 $\pm$ 885.327 χ^2 /NDF: 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



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: 2262.918+/-0.887 χ^2/NDF : 151405.6/8

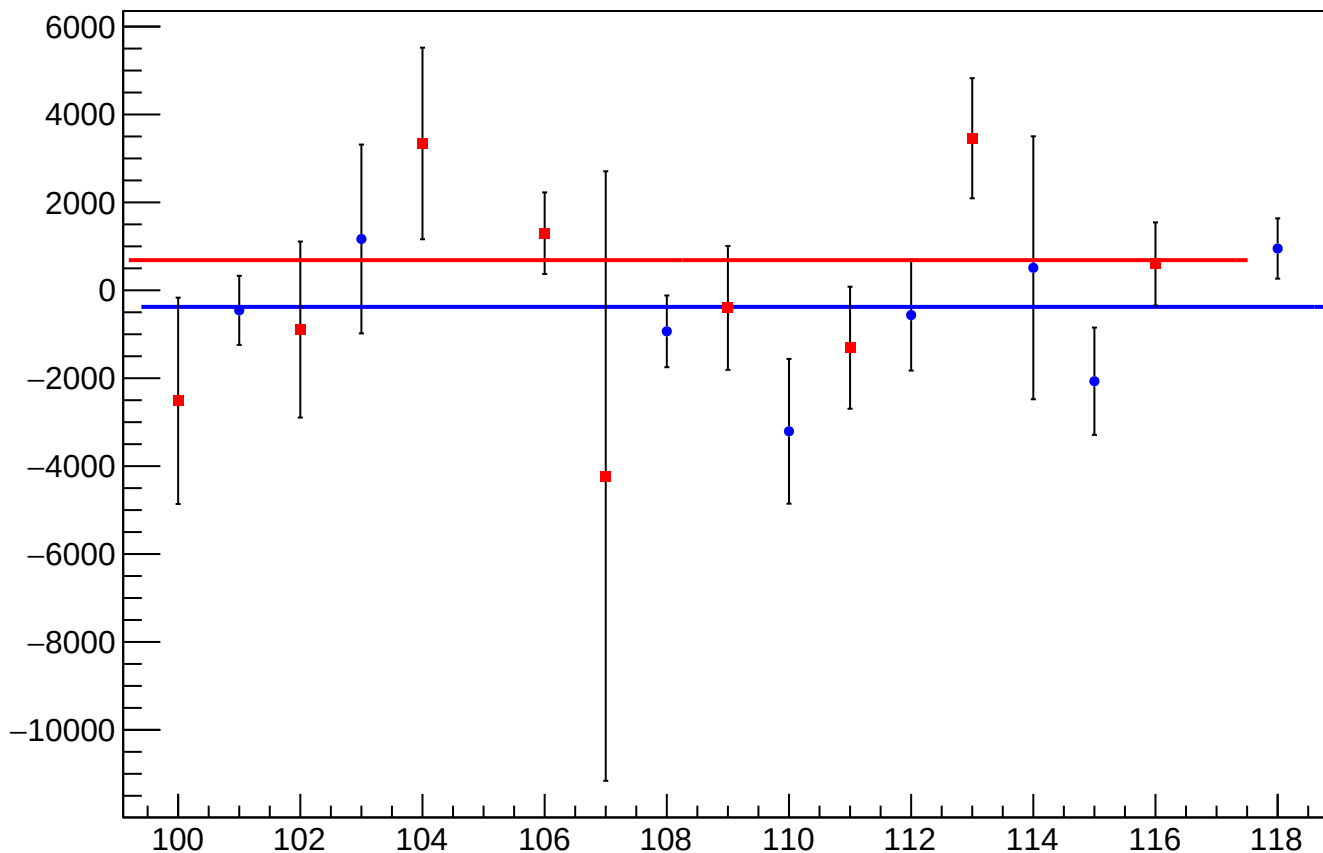
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2224.353+/-0.626 χ^2/NDF : 694462.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



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: 686.521+/-471.406 χ^2/NDF : 11.7/8

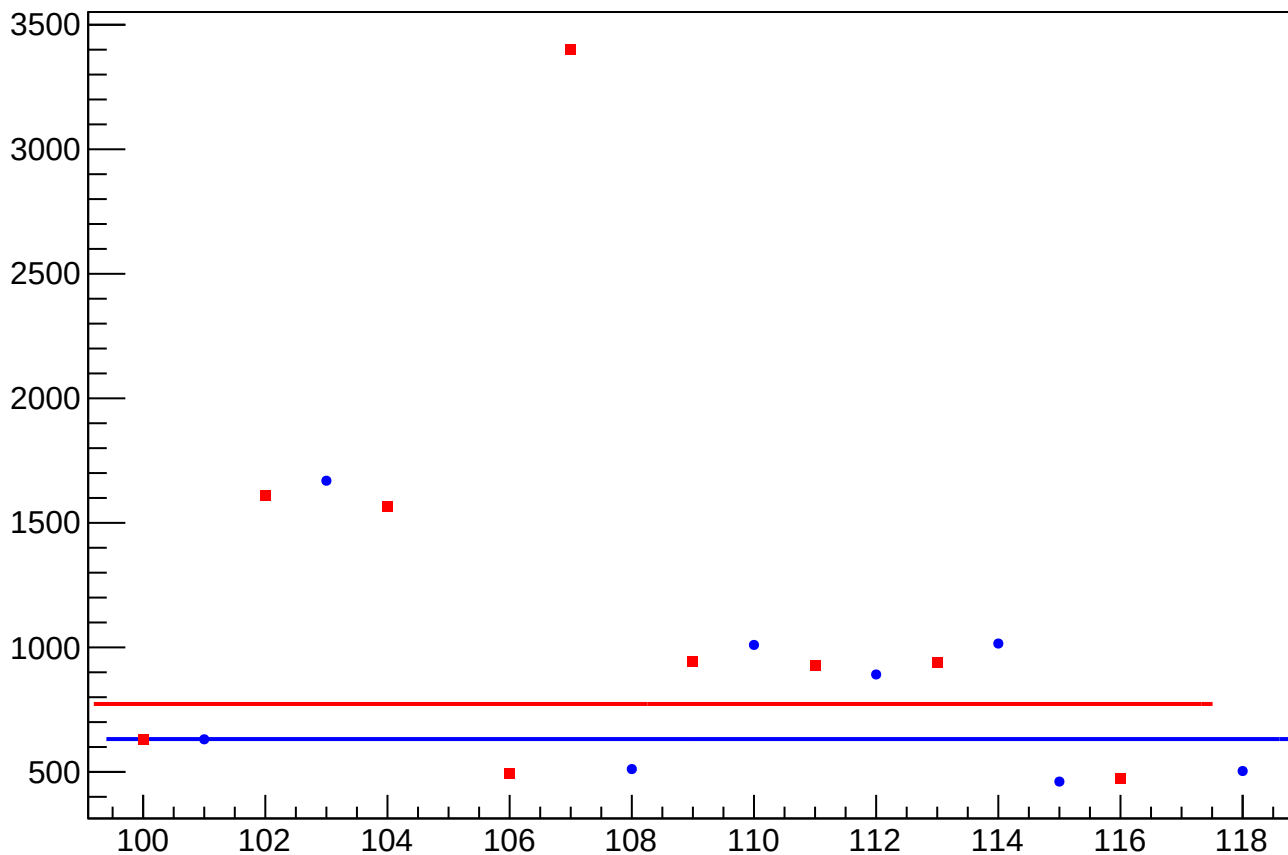
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.620+/-291.827 χ^2/NDF : 24.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



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: 772.851+/-0.333 χ^2/NDF : 1373651.3/8

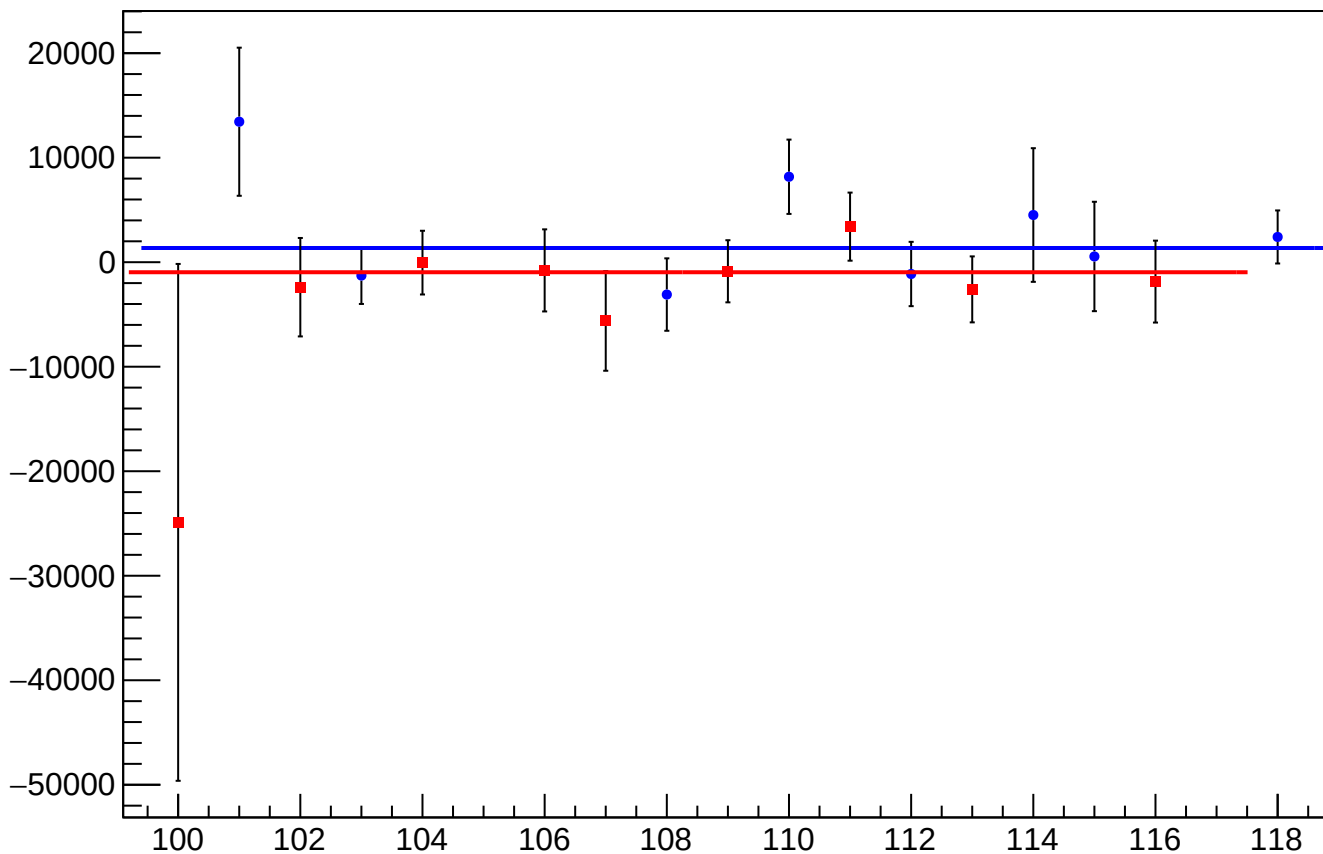
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.917+/-0.206 χ^2/NDF : 2325568.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 1358.816 $\pm$ 1250.229 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -960.687 $\pm$ 1253.861 χ^2 /NDF: 4.2/8

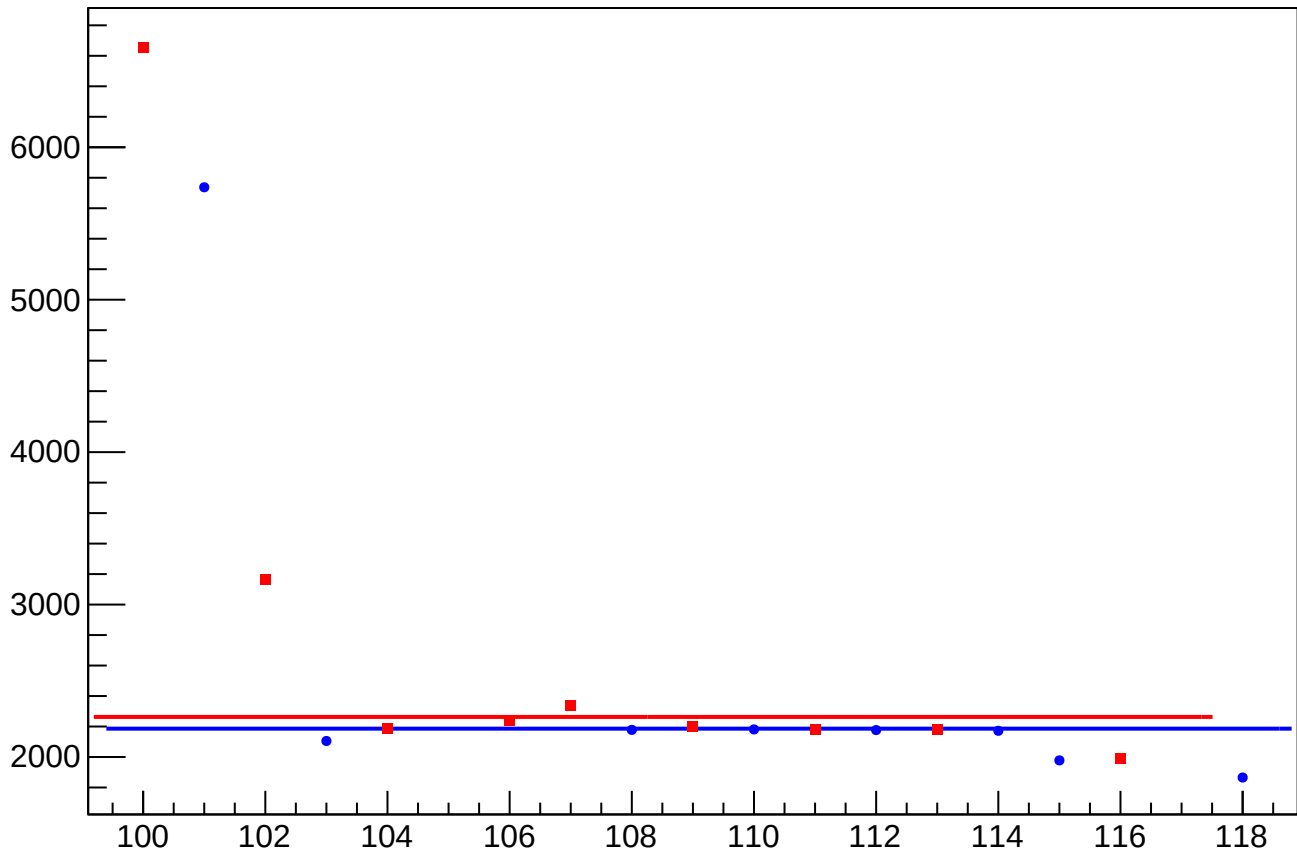
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.429 $\pm$ 885.327 χ^2 /NDF: 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



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: 2262.917+/-0.887 χ^2/NDF : 151405.0/8

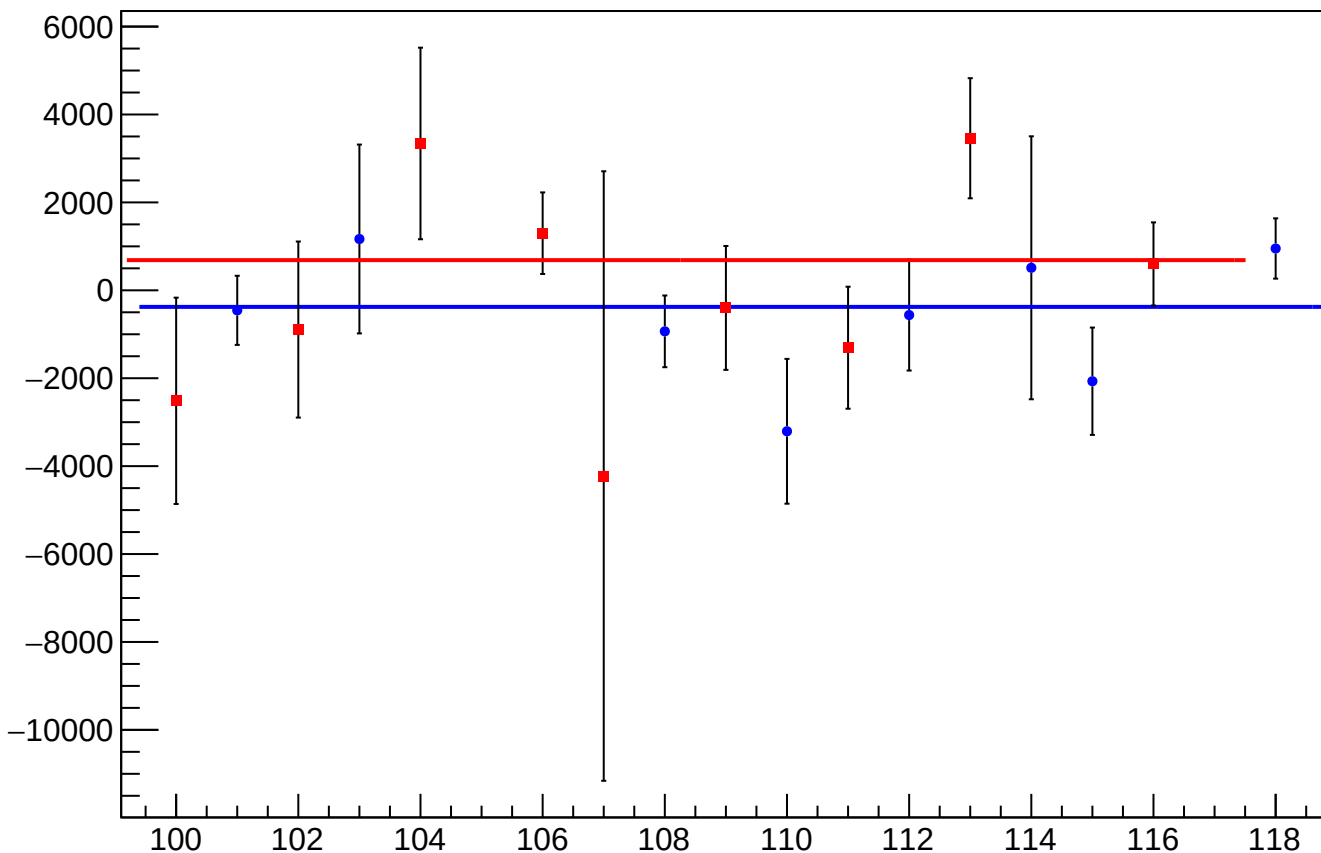
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2224.352+/-0.626 χ^2/NDF : 694461.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



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: 686.521+/-471.406 χ^2/NDF : 11.7/8

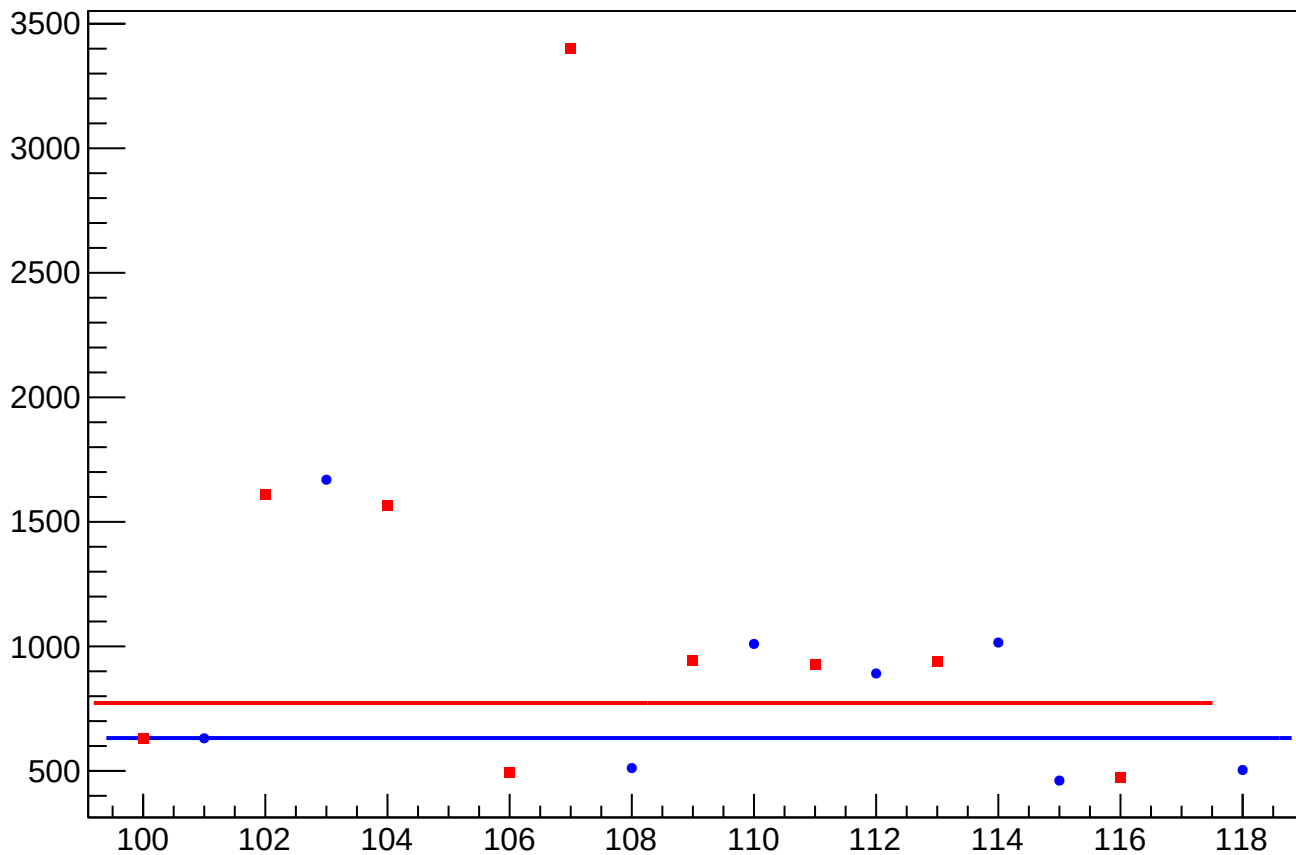
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.621+/-291.826 χ^2/NDF : 24.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



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: 772.850+/-0.333 χ^2/NDF : 1373657.6/8

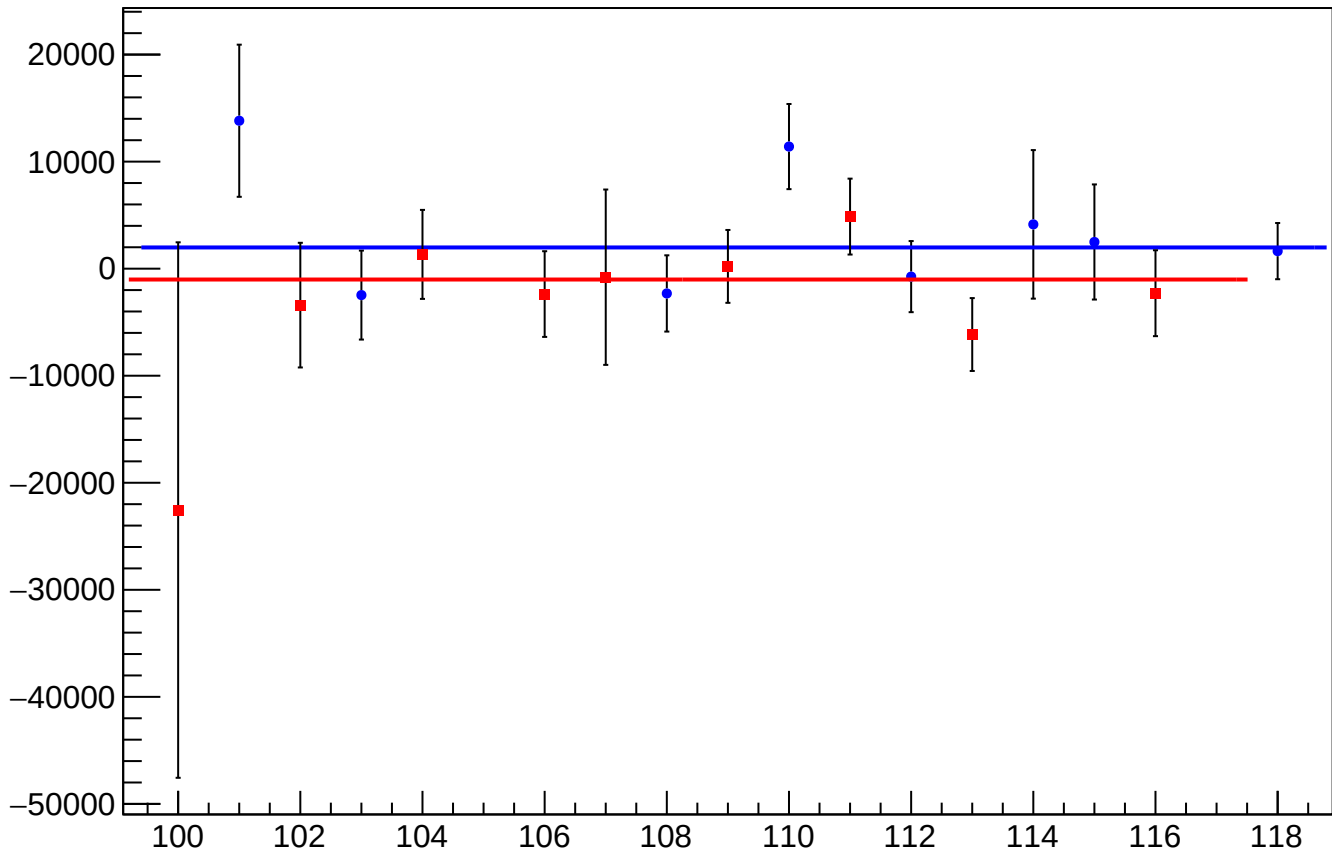
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.915+/-0.206 χ^2/NDF : 2325580.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: 1981.942 $\pm$ 1399.112 χ^2 /NDF: 11.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1014.222 $\pm$ 1442.481 χ^2 /NDF: 6.6/8

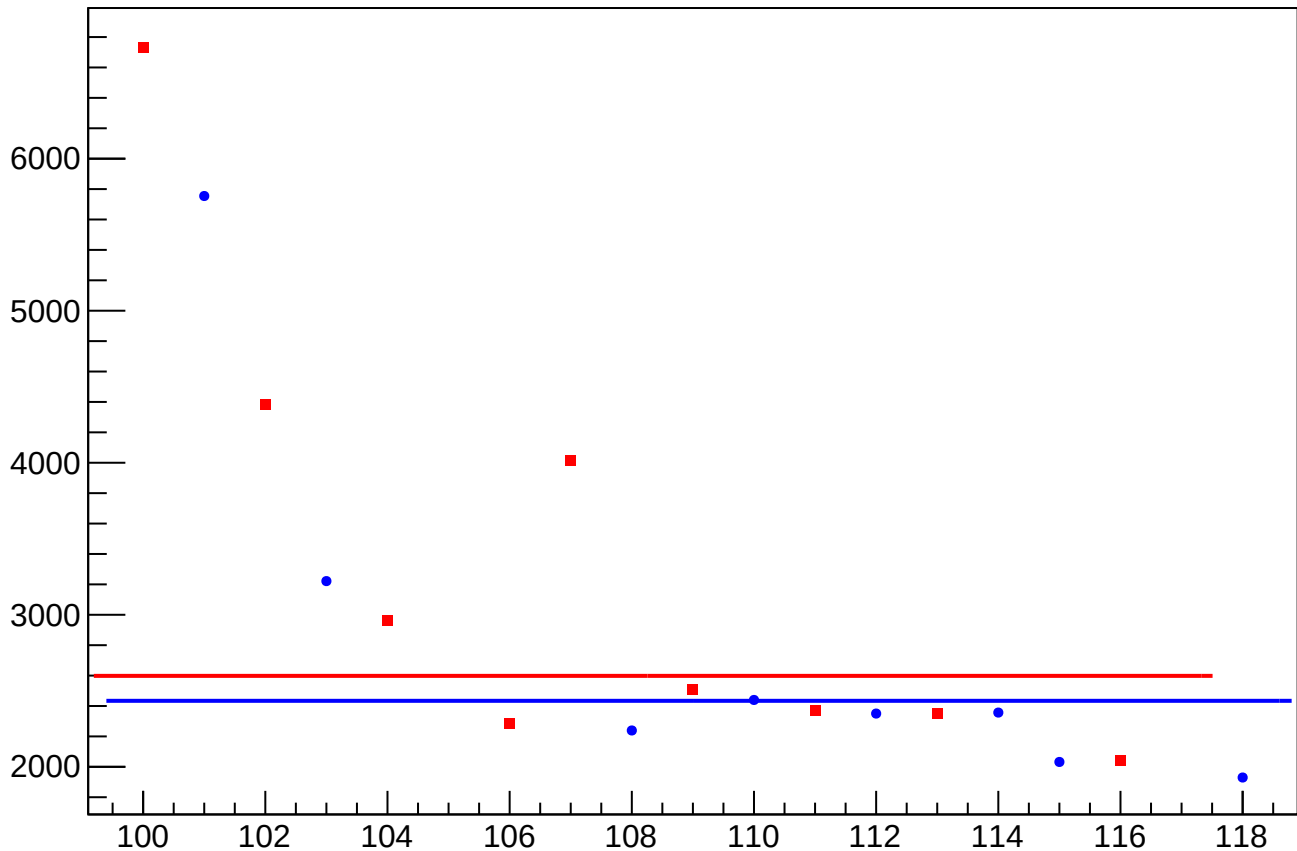
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 529.577 $\pm$ 1004.304 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_rms vs Slug



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: 2598.233+/-1.020 χ^2/NDF : 390277.8/8

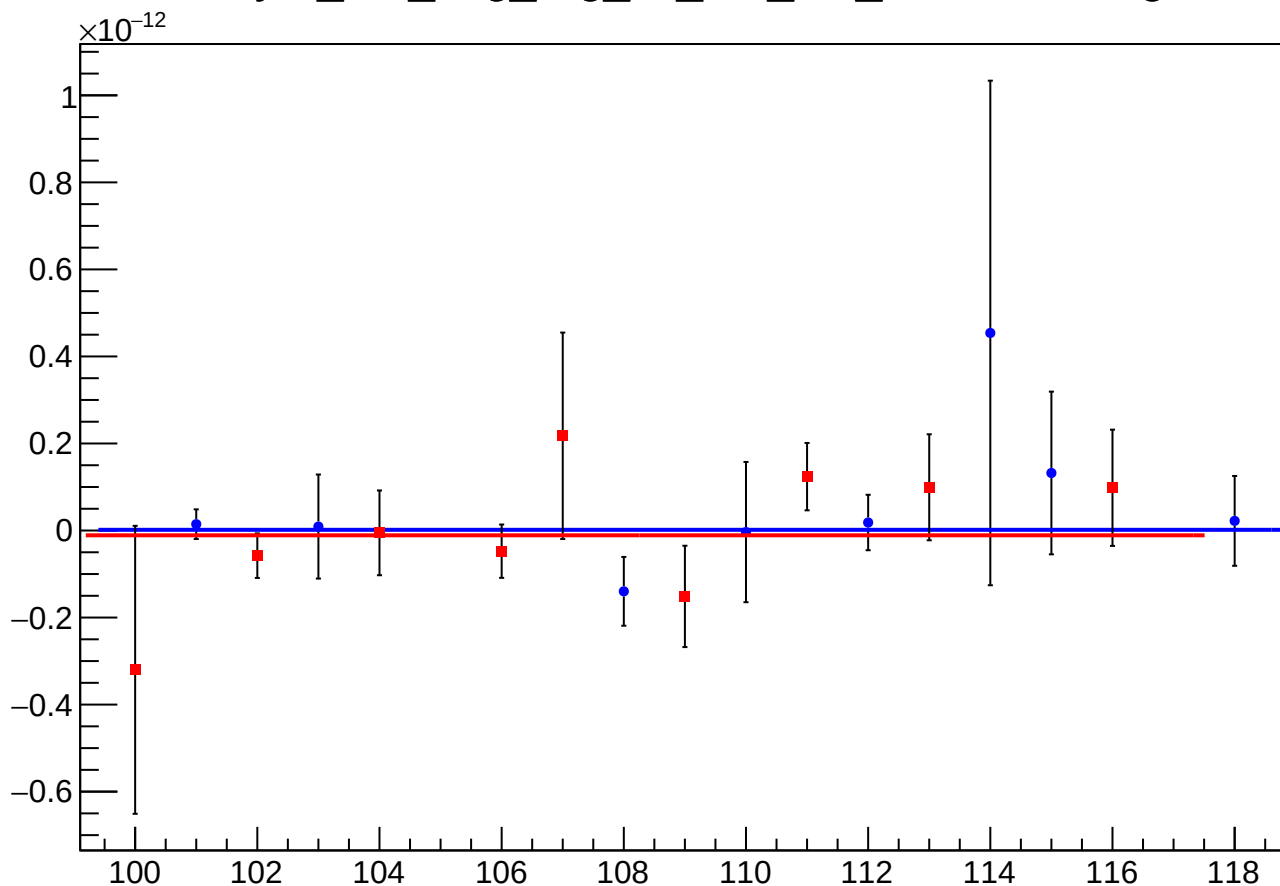
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2513.656+/-0.710 χ^2/NDF : 1004625.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/8

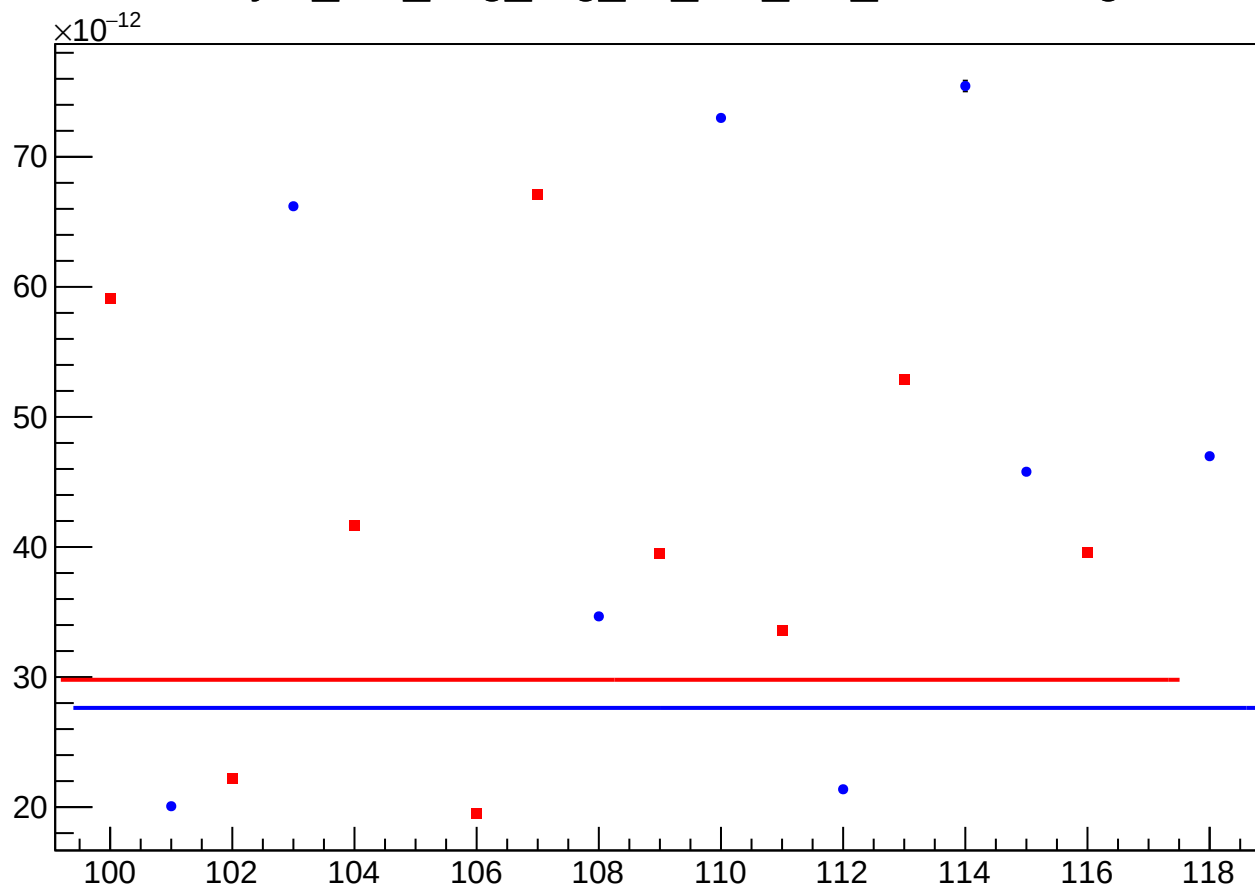
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



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 : 296493.3/8

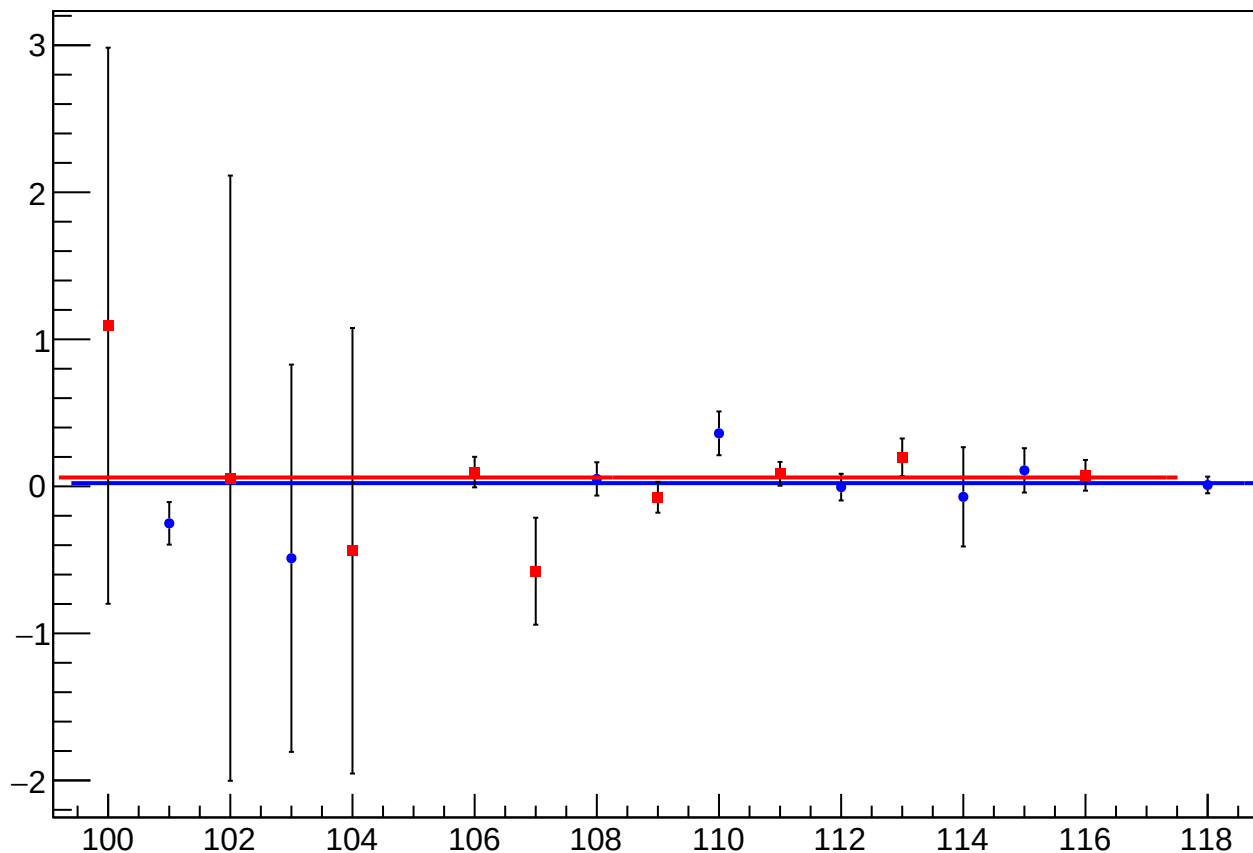
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 905692.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.039 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.060 $\pm$ 0.045 χ^2 /NDF: 6.5/8

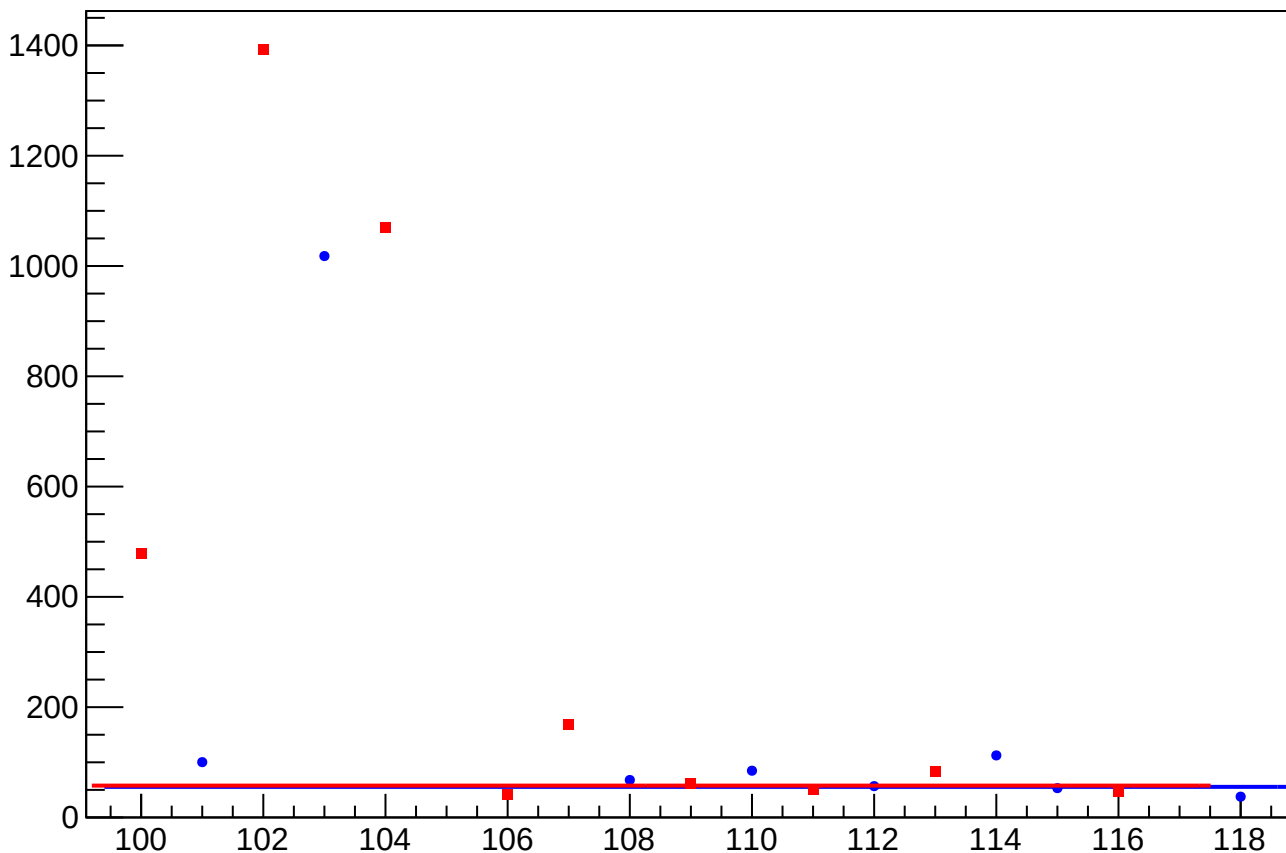
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.029 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



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: 57.752+/-0.032 χ^2/NDF : 2187744.4/8

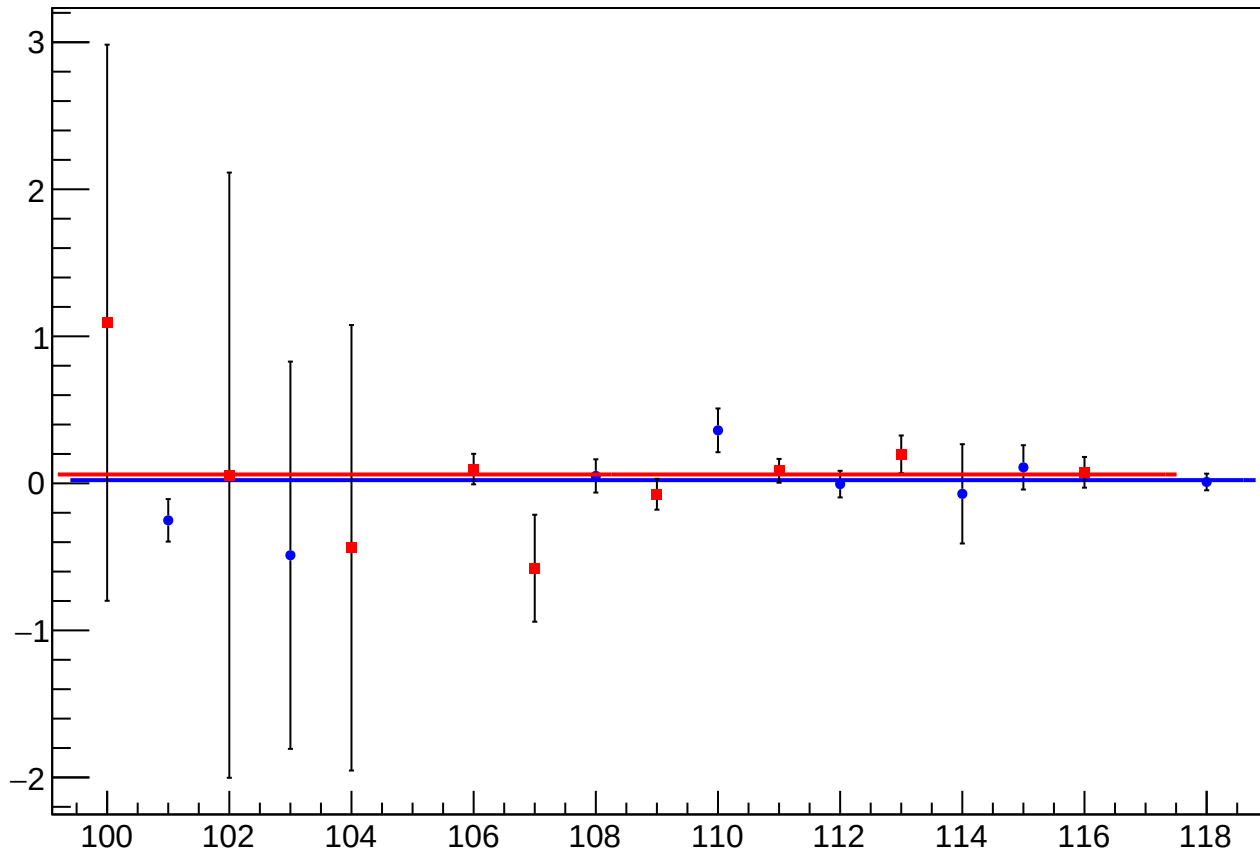
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.456+/-0.021 χ^2/NDF : 3808140.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.060+/-0.045 χ^2/NDF : 6.5/8

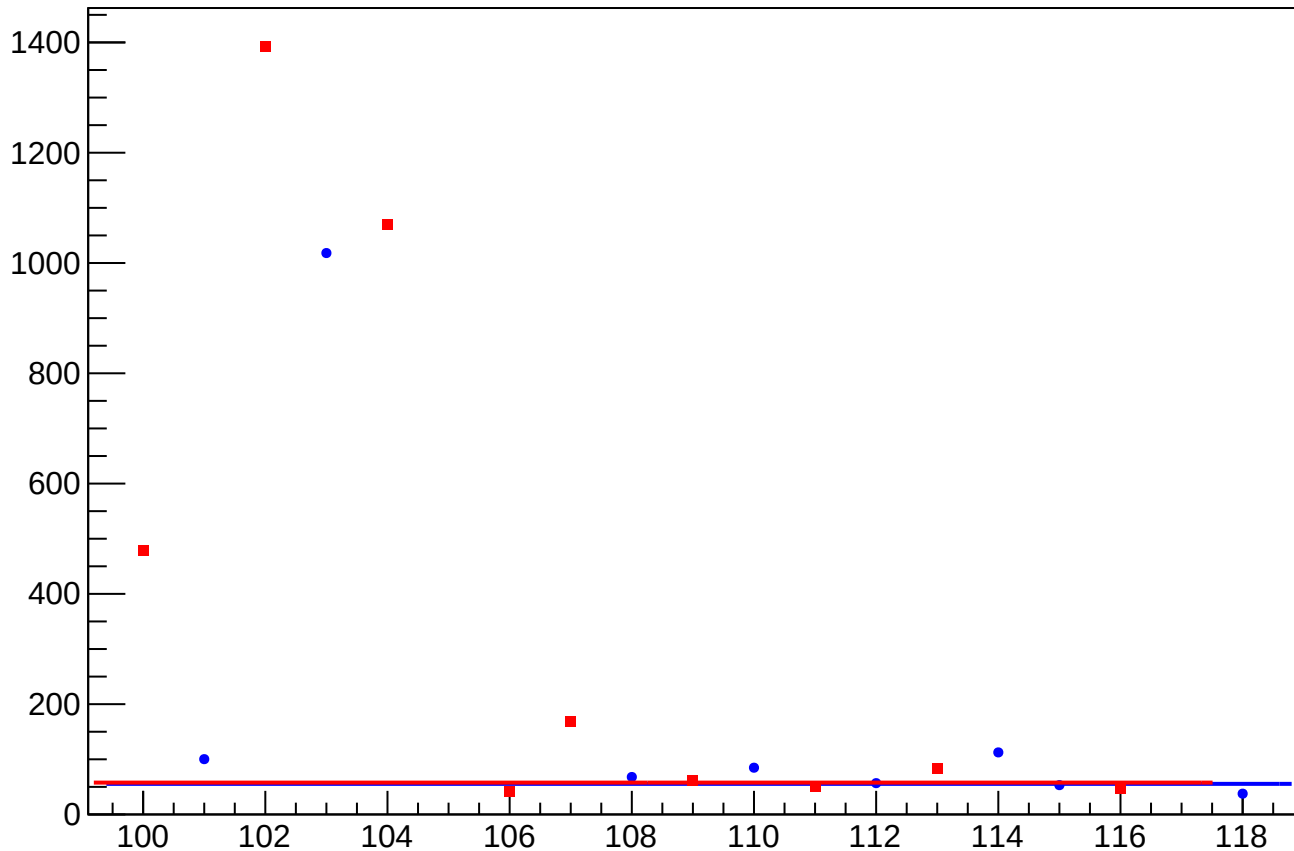
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.029 χ^2/NDF : 16.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 57.752+/-0.032 χ^2/NDF : 2187744.4/8

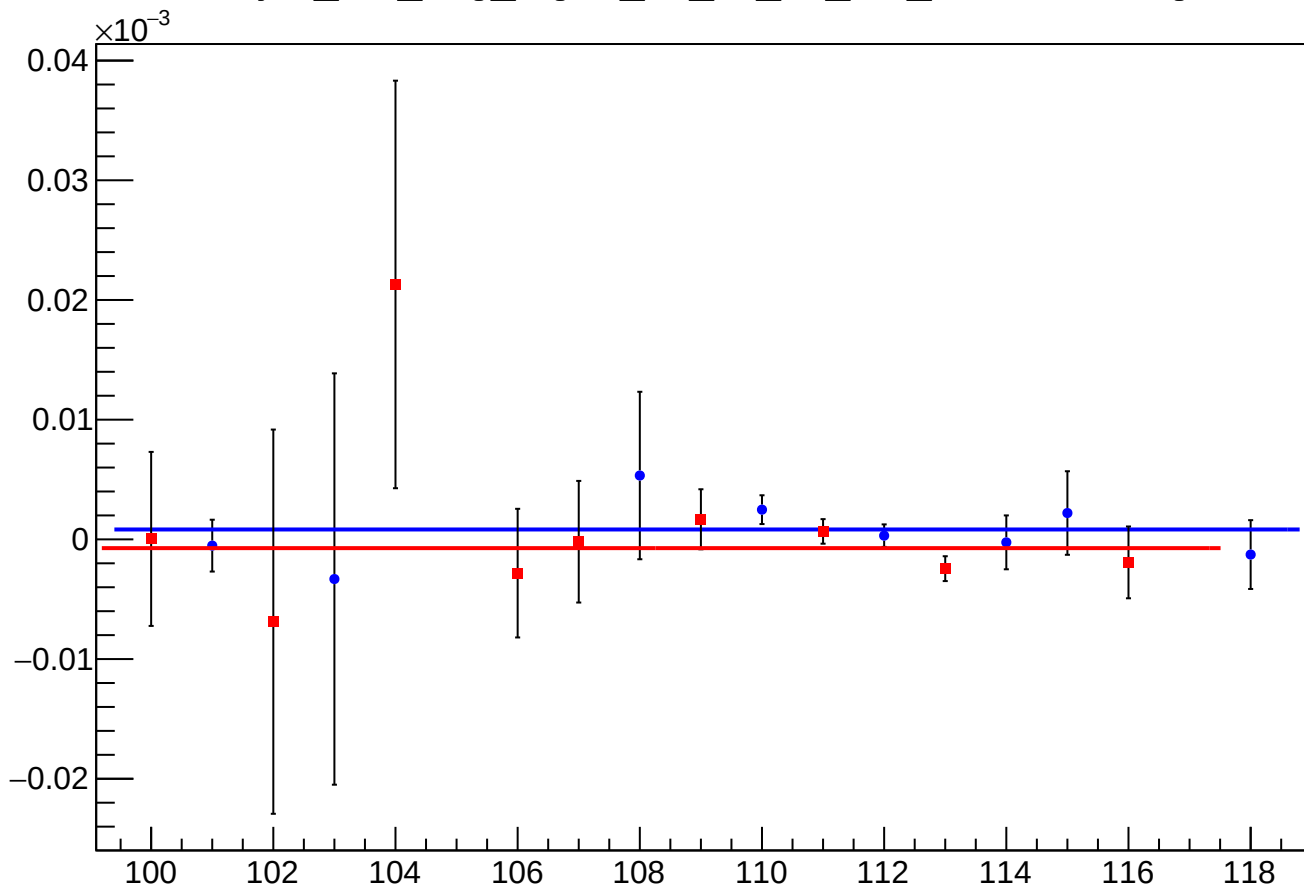
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.456+/-0.021 χ^2/NDF : 3808140.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 7.7/8

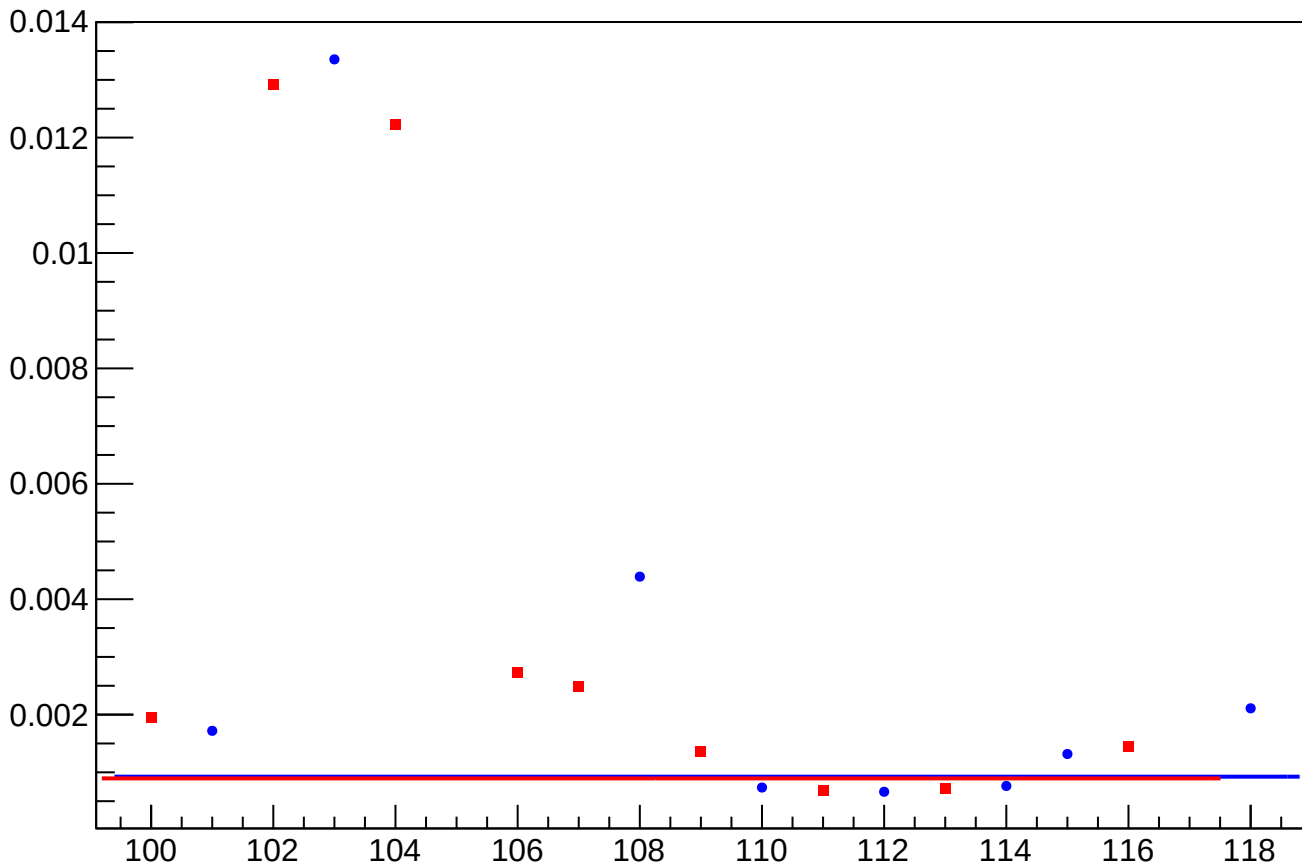
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 14.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2762323.3/8

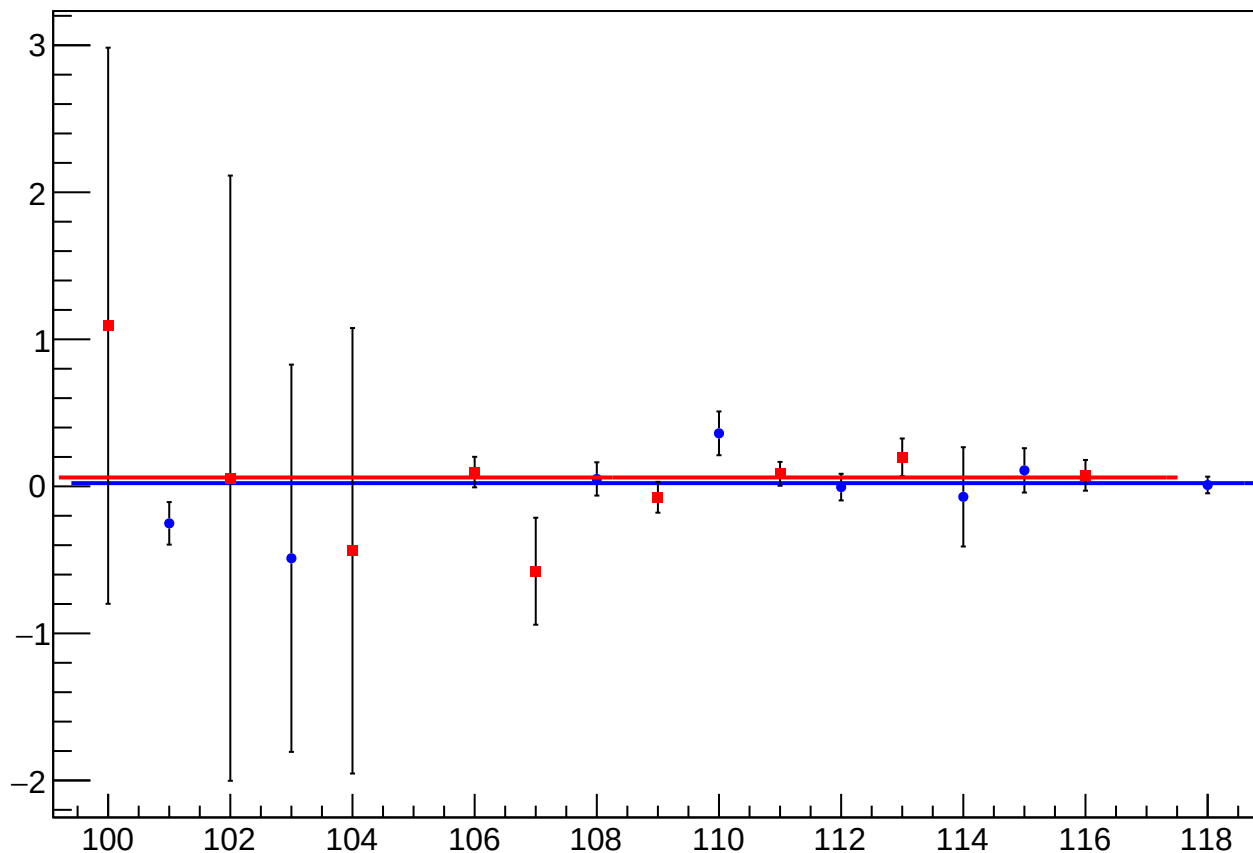
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5150328.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.039 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.060 $\pm$ 0.045 χ^2 /NDF: 6.5/8

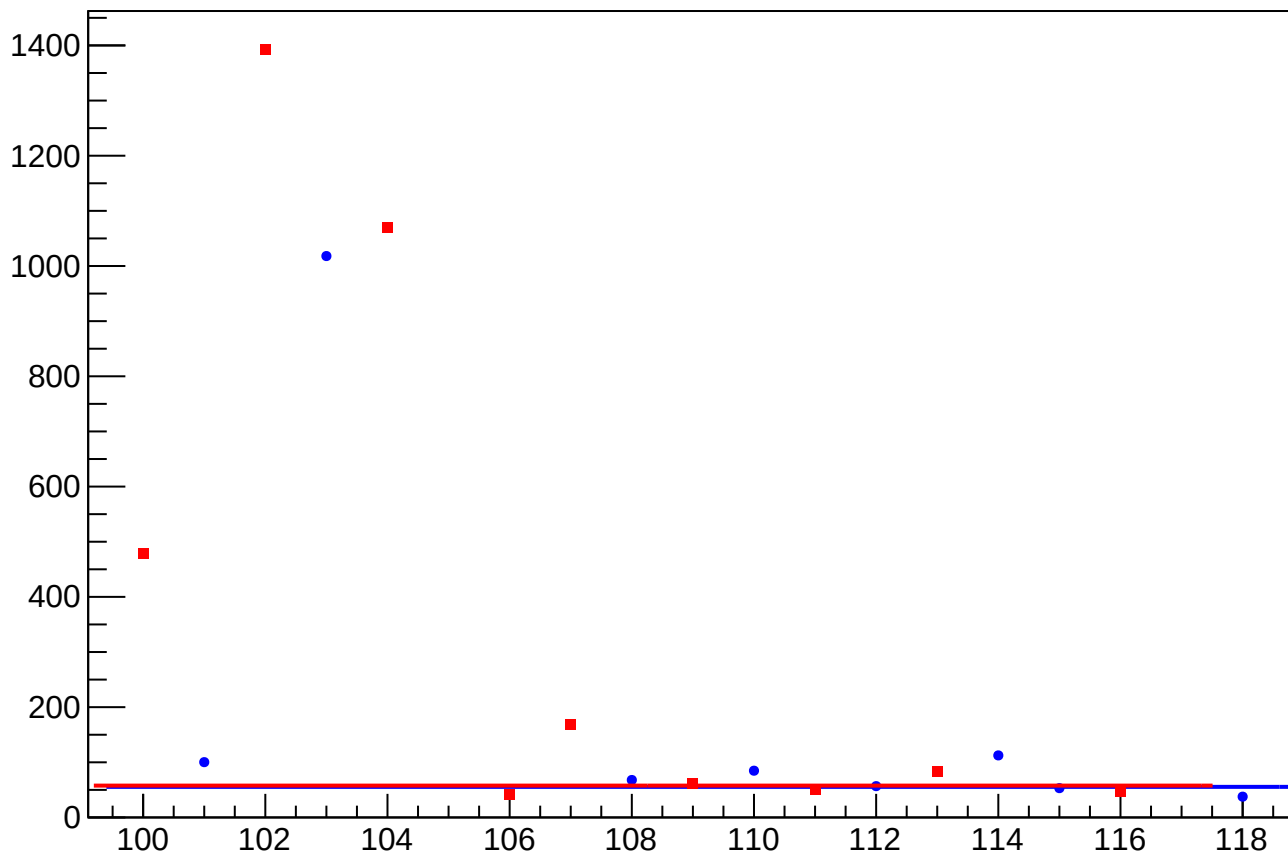
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.038 $\pm$ 0.029 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 57.751+/-0.032 χ^2/NDF : 2187766.8/8

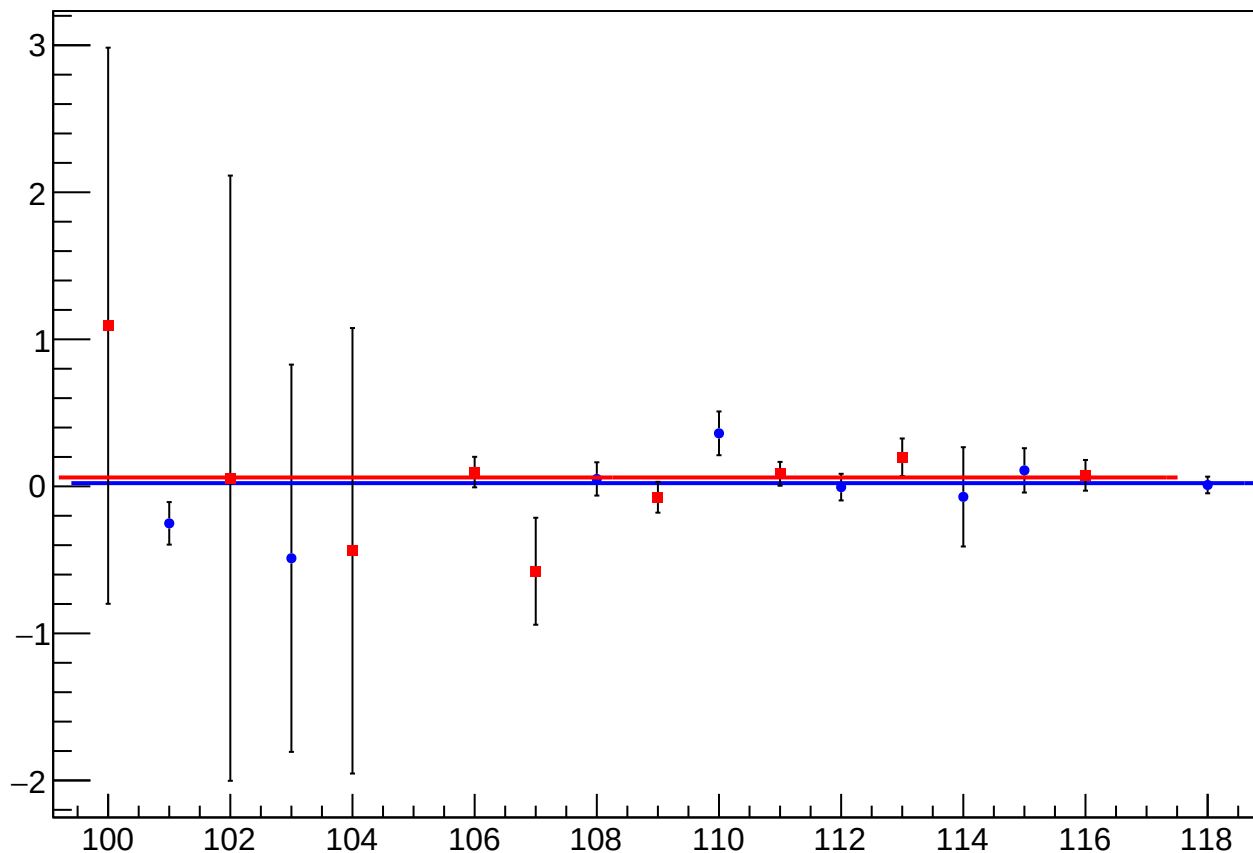
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.456+/-0.021 χ^2/NDF : 3808175.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.060+/-0.045 χ^2/NDF : 6.5/8

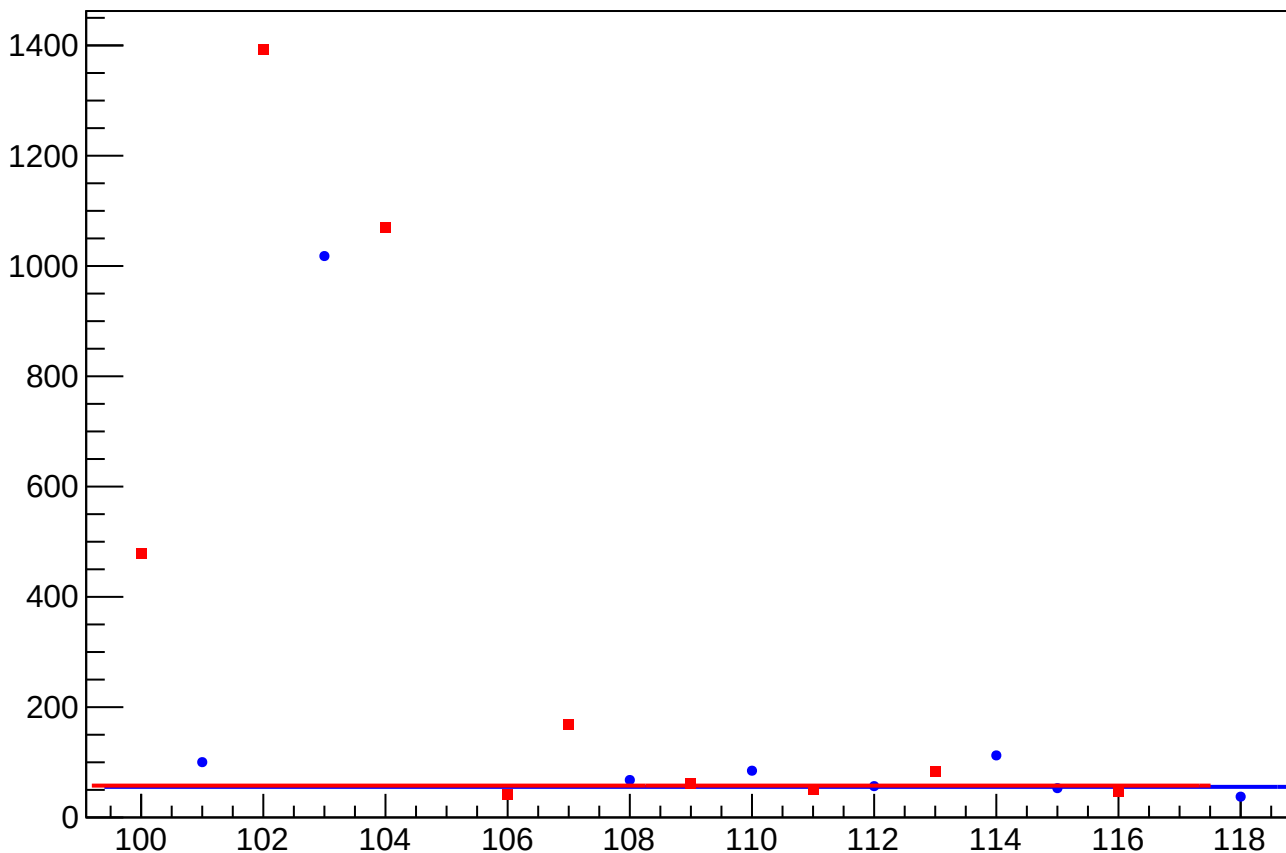
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.029 χ^2/NDF : 16.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 57.751+/-0.032 χ^2/NDF : 2187766.8/8

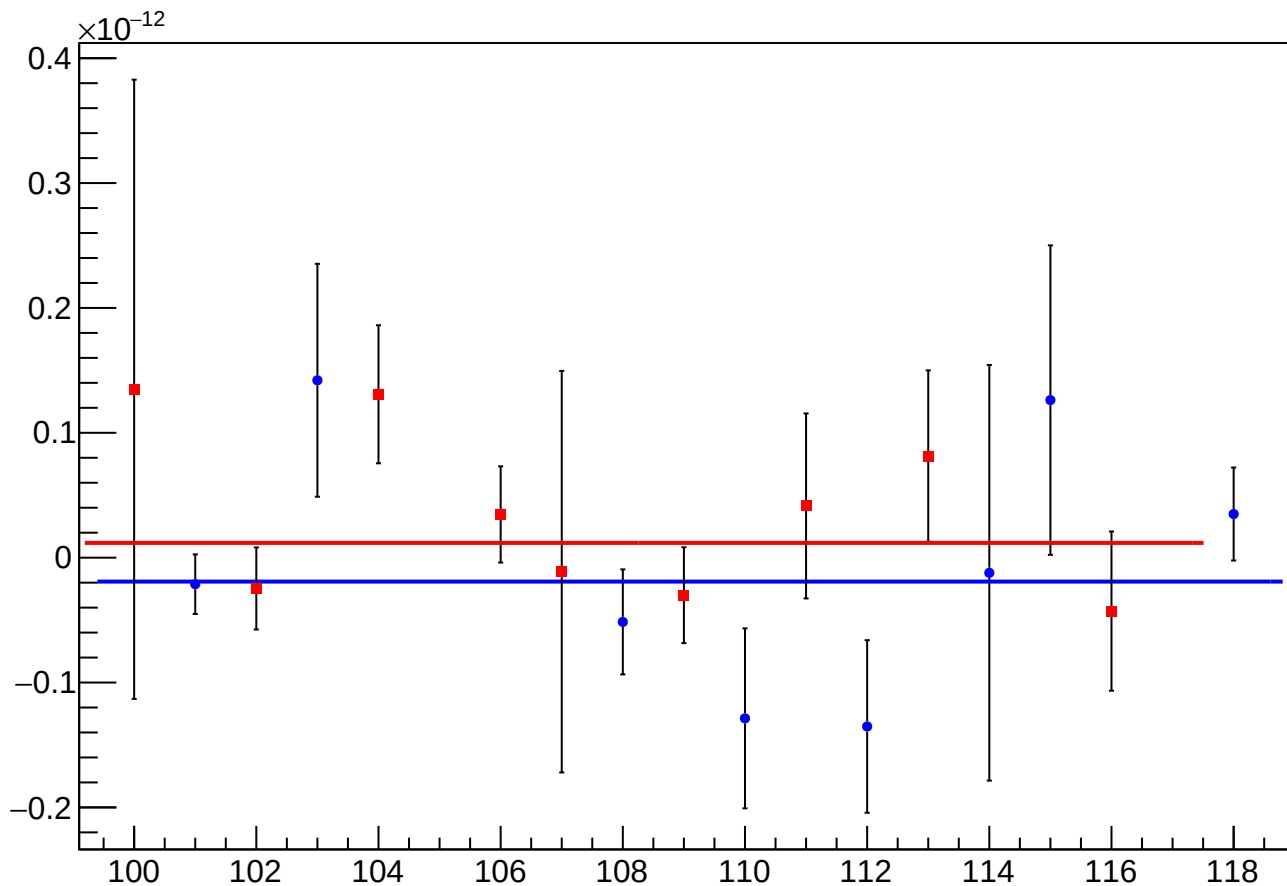
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.456+/-0.021 χ^2/NDF : 3808175.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 9.6/8

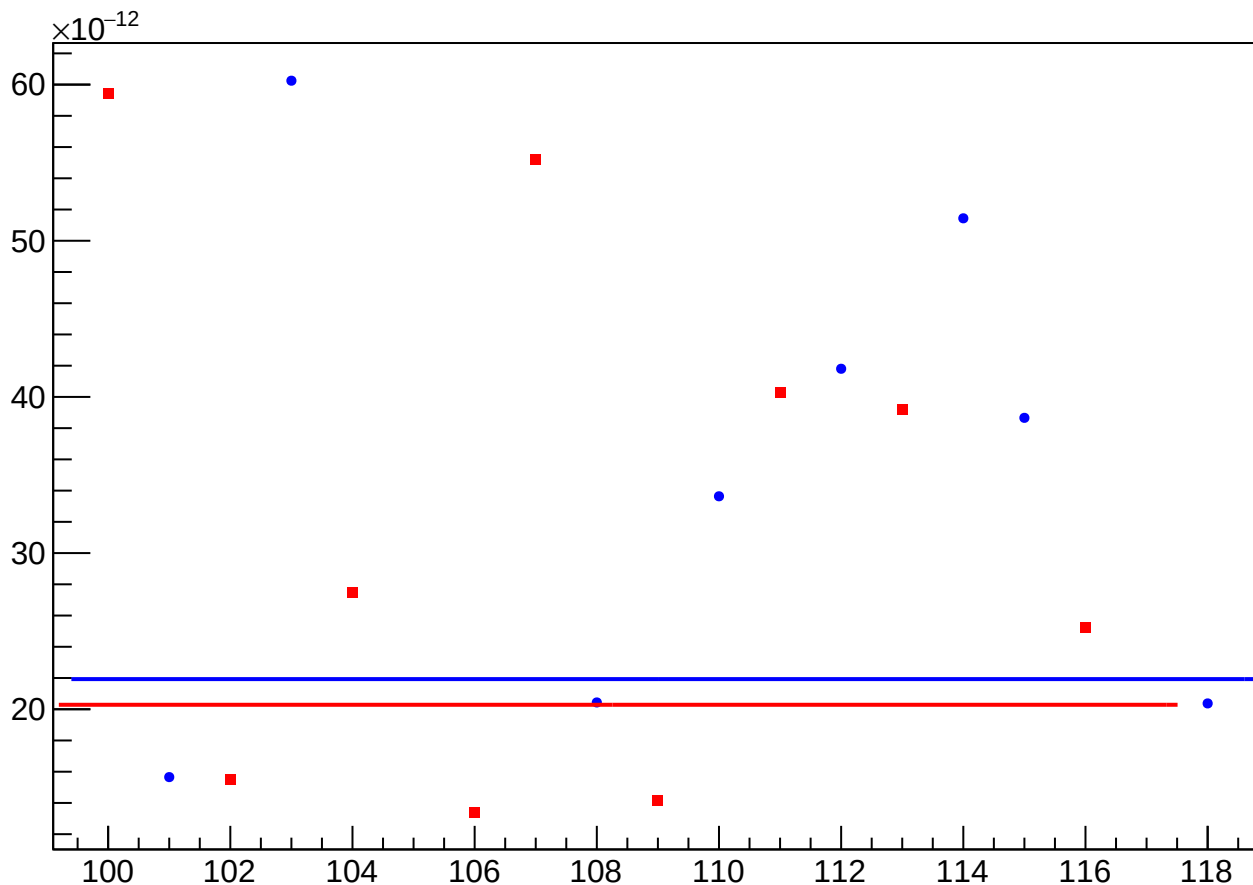
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 644763.0/8

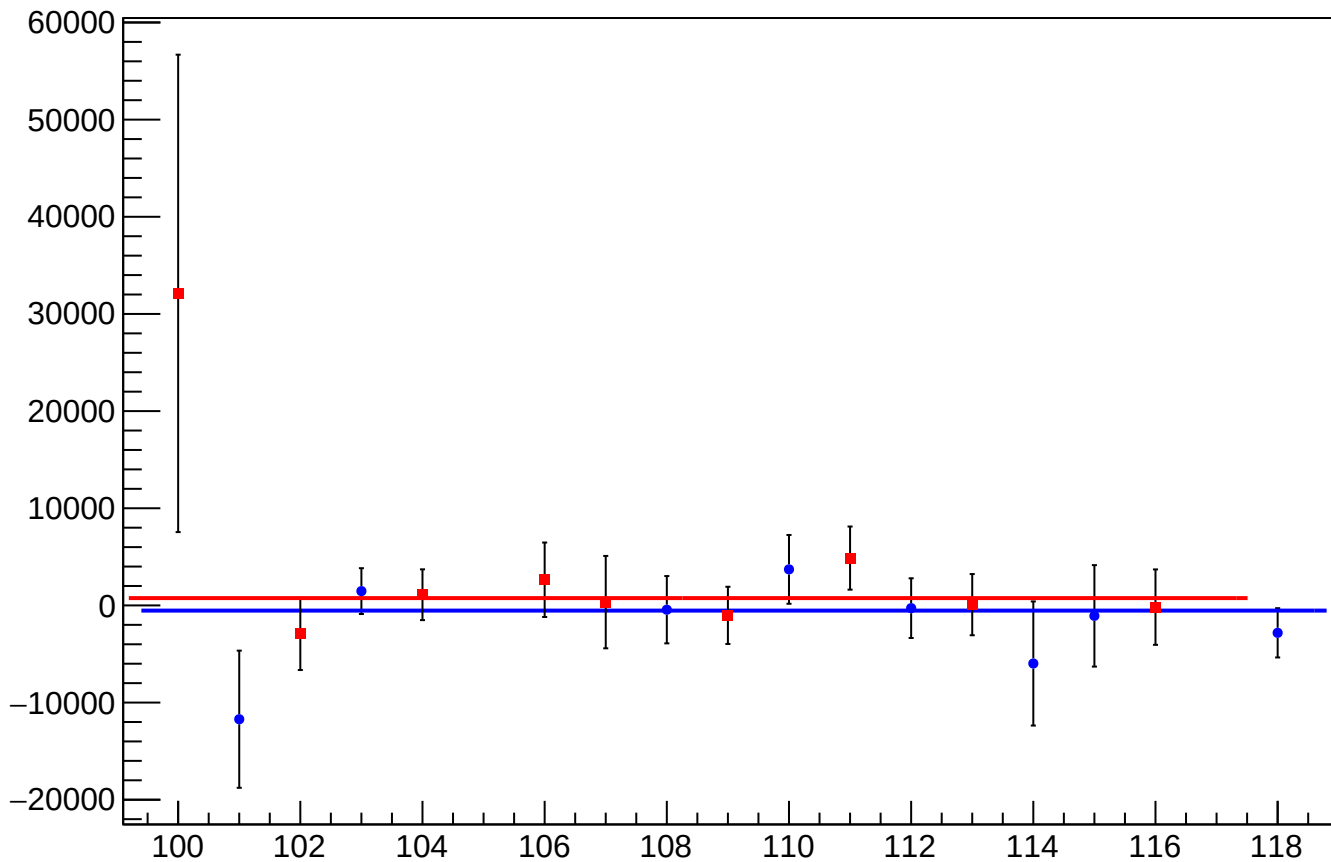
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1453488.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



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: 752.893+/-1186.376 χ^2/NDF : 5.0/8

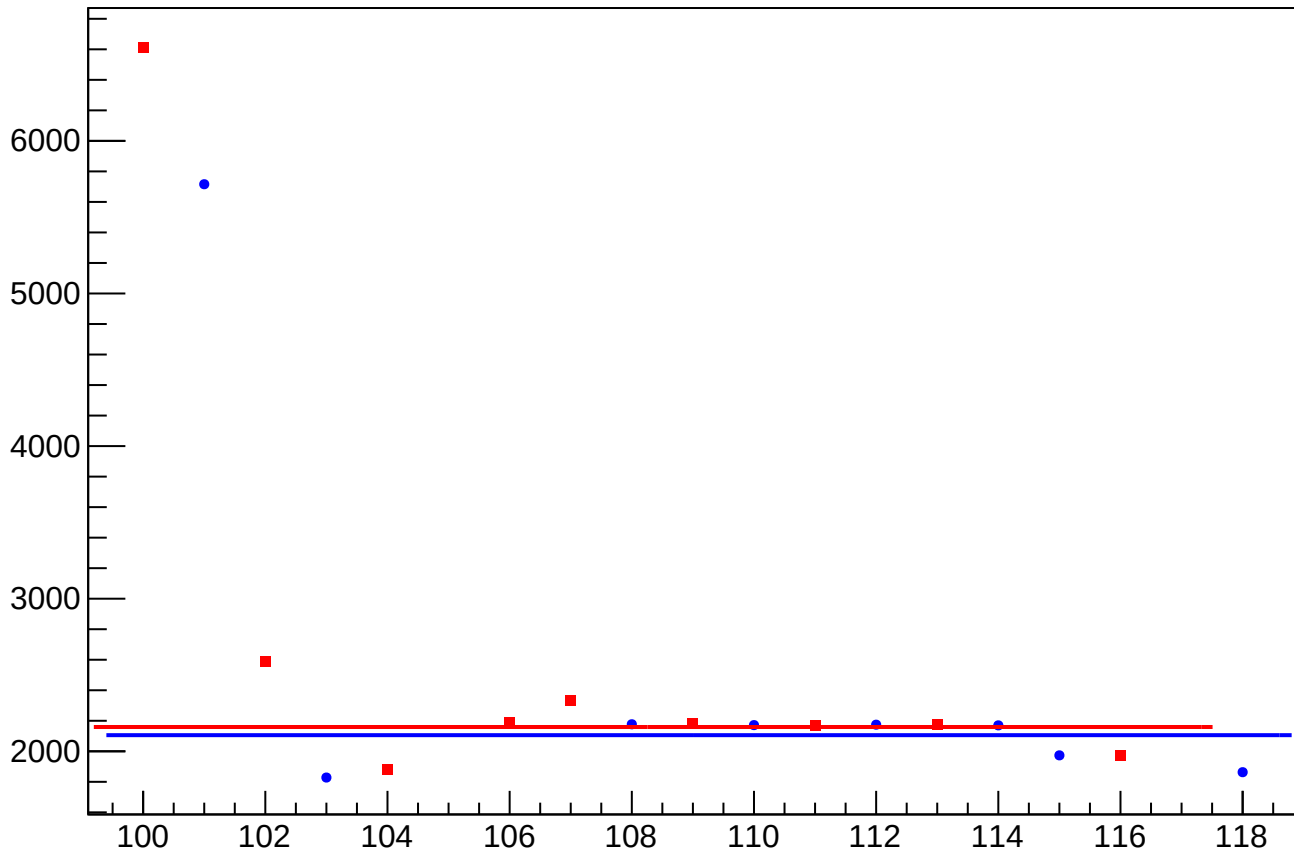
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.187+/-846.297 χ^2/NDF : 11.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_rms vs Slug



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: 2159.272+/-0.839 χ^2/NDF : 123400.4/8

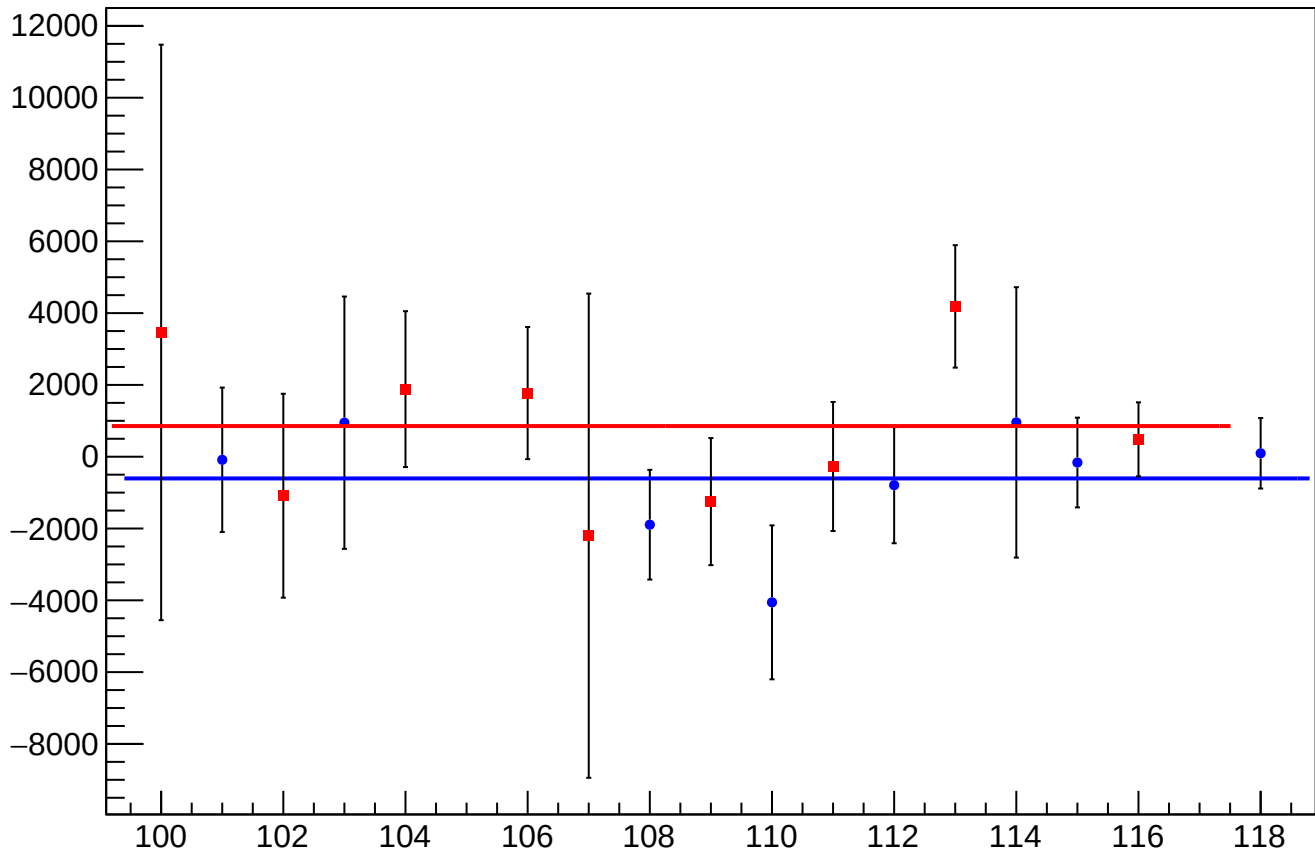
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.975+/-0.598 χ^2/NDF : 698649.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



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: 853.692+/-622.234 χ^2 /NDF: 7.0/8

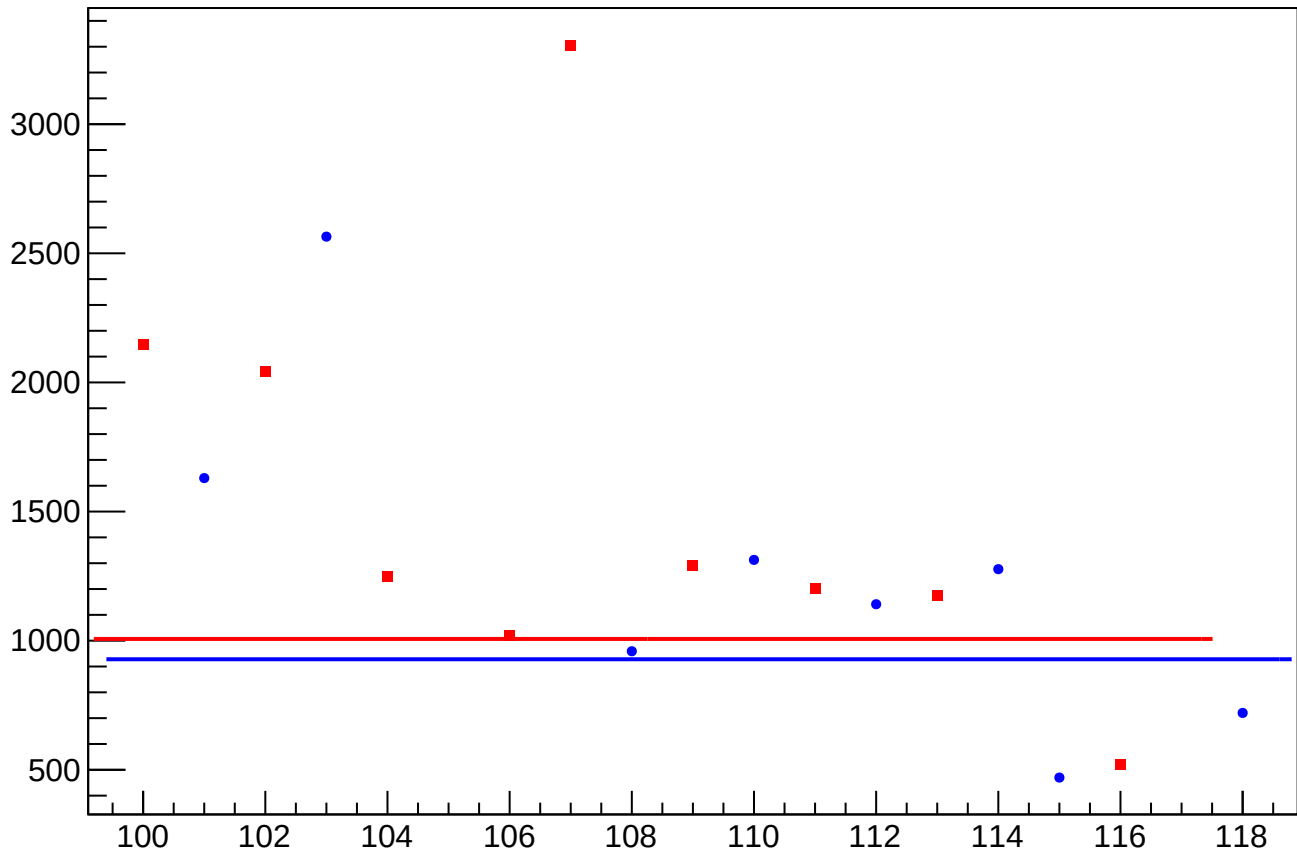
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 57.419+/-419.328 χ^2 /NDF: 14.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 928.091+/-0.401 χ^2/NDF : 1152257.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

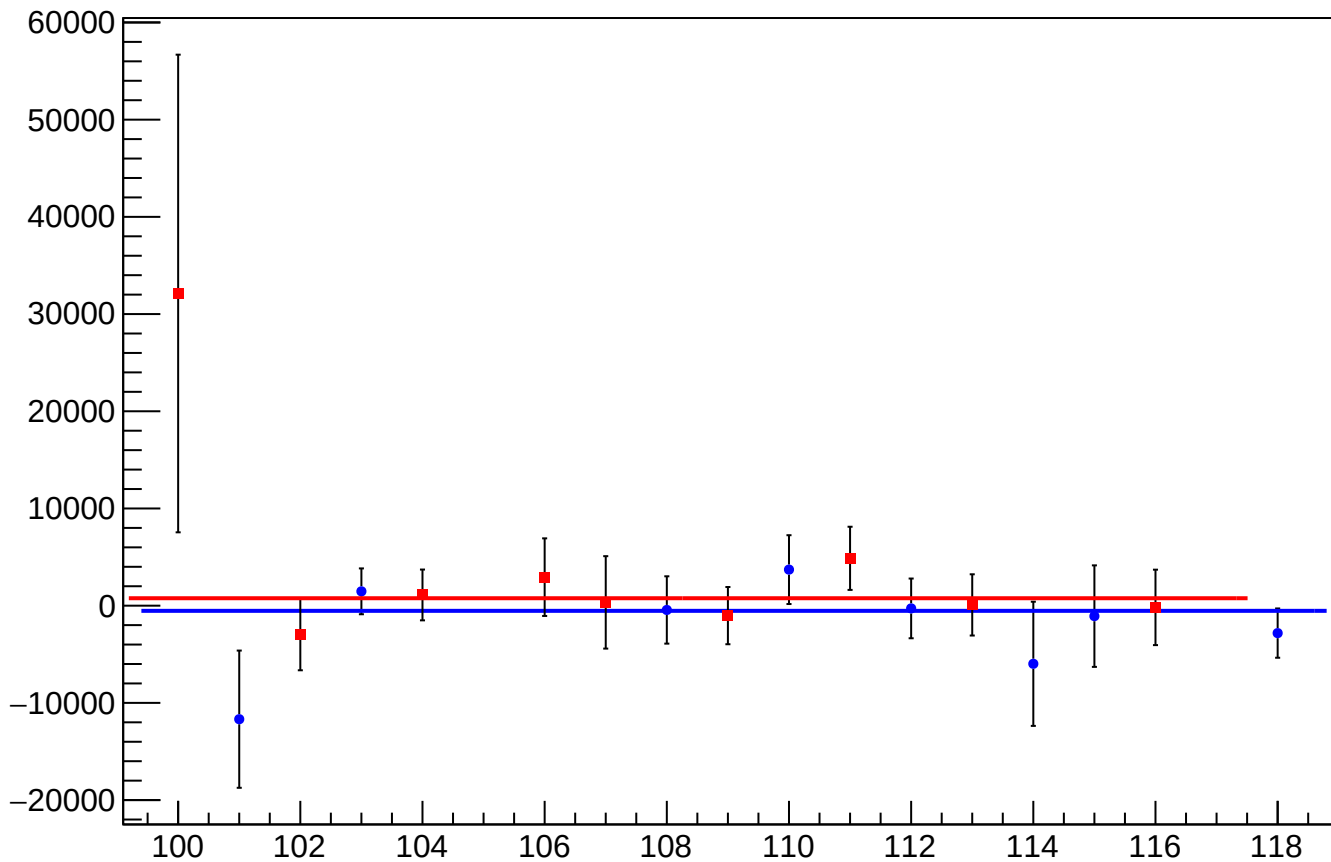
Right Out: 1006.718+/-0.440 χ^2/NDF : 1105867.1/8

All: 963.800+/-0.297 χ^2/NDF : 2275556.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_mean vs Slug



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: 766.042 ± 1190.890 χ^2/NDF : 5.0/8

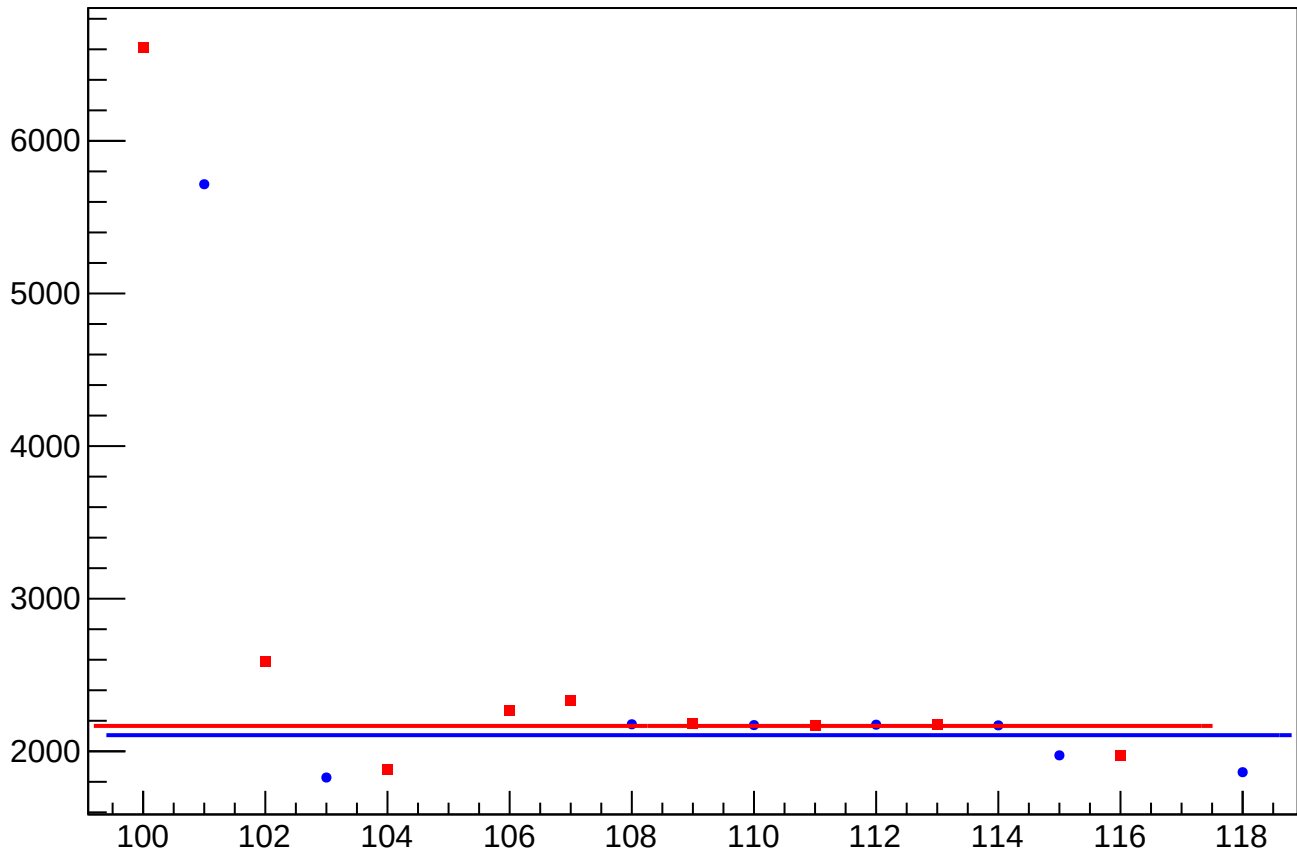
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 126.365 ± 847.931 χ^2/NDF : 11.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 2105.728 $\pm$ 0.854 χ^2 /NDF: 573248.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2166.349 $\pm$ 0.842 χ^2 /NDF: 124739.1/8

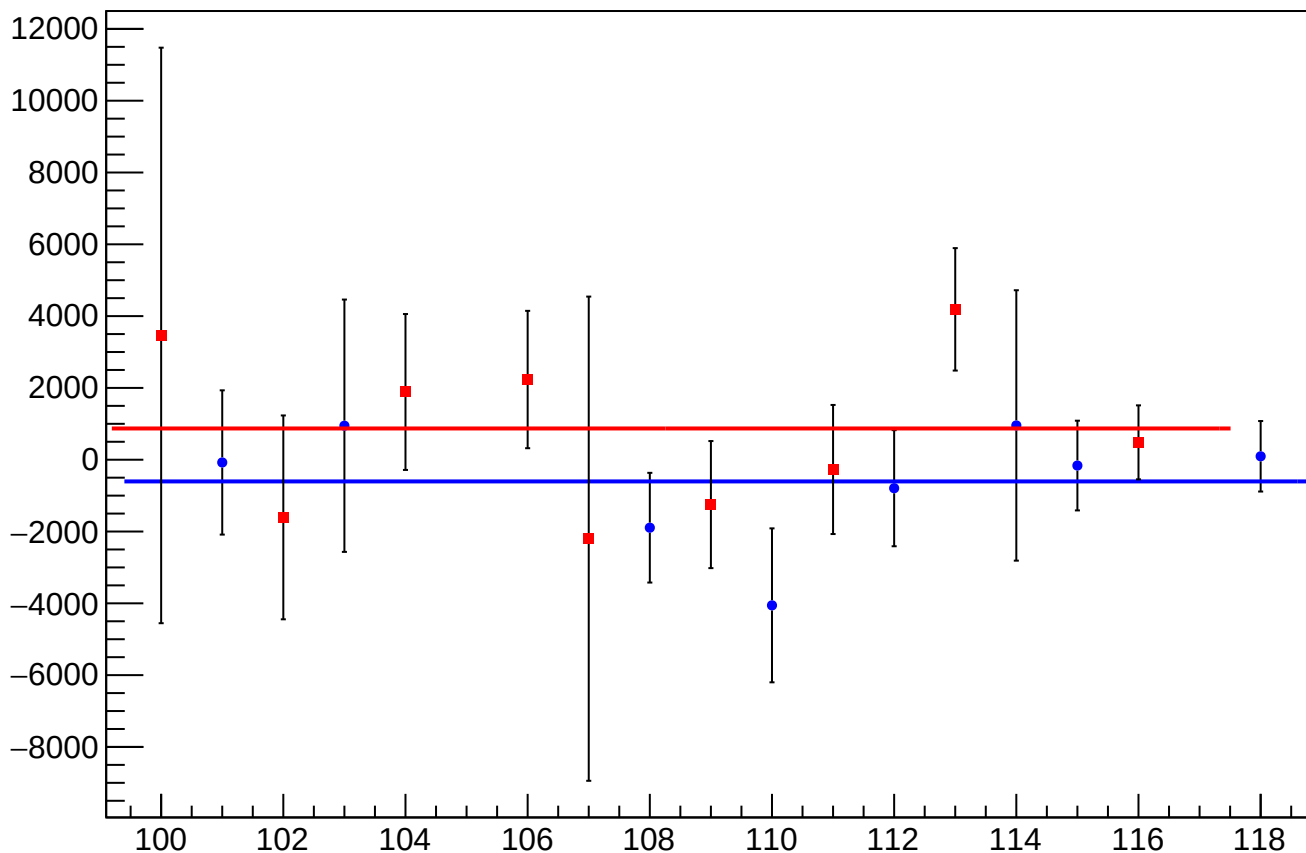
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2136.461 $\pm$ 0.600 χ^2 /NDF: 700542.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



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: 870.364+/-624.860 χ^2/NDF : 7.6/8

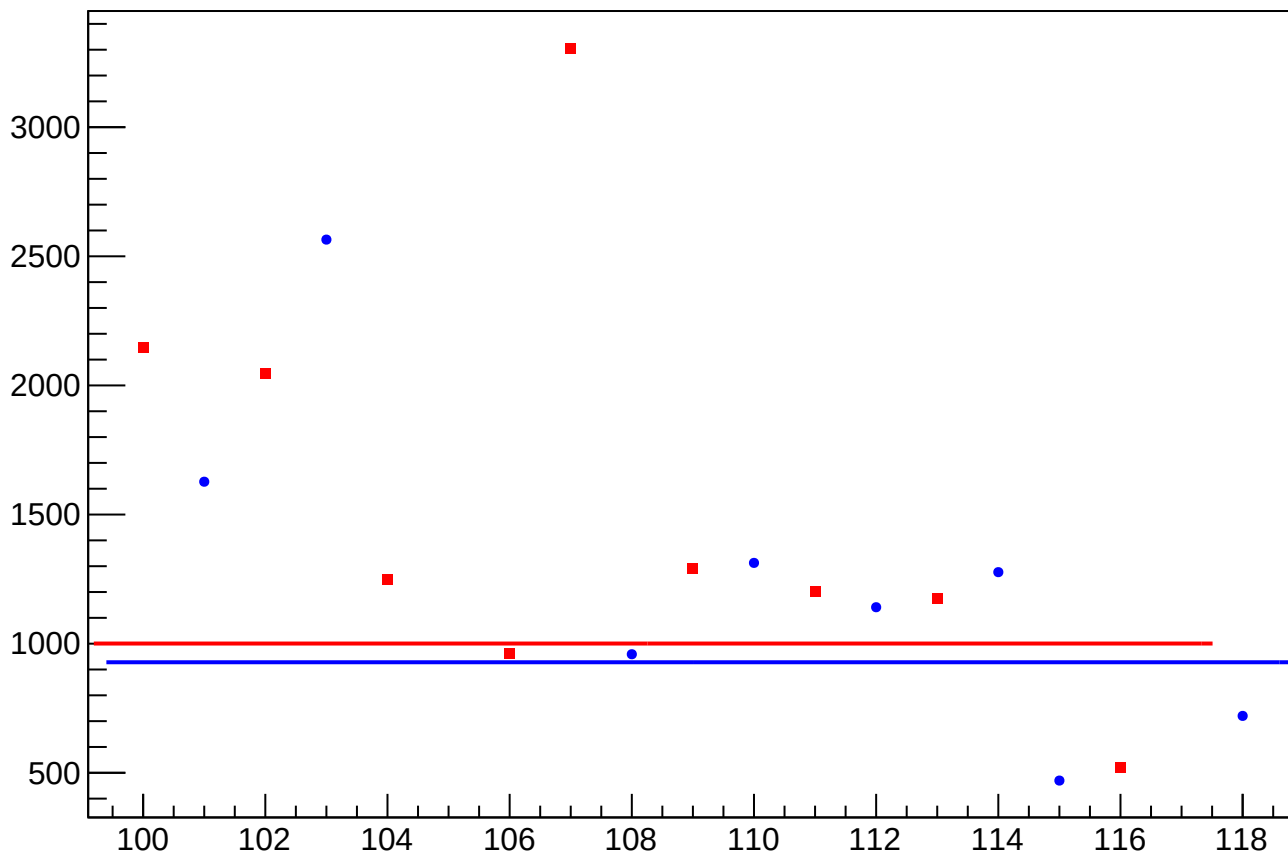
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.225+/-420.097 χ^2/NDF : 15.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



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: 1000.537+/-0.442 χ^2/NDF : 1108706.8/8

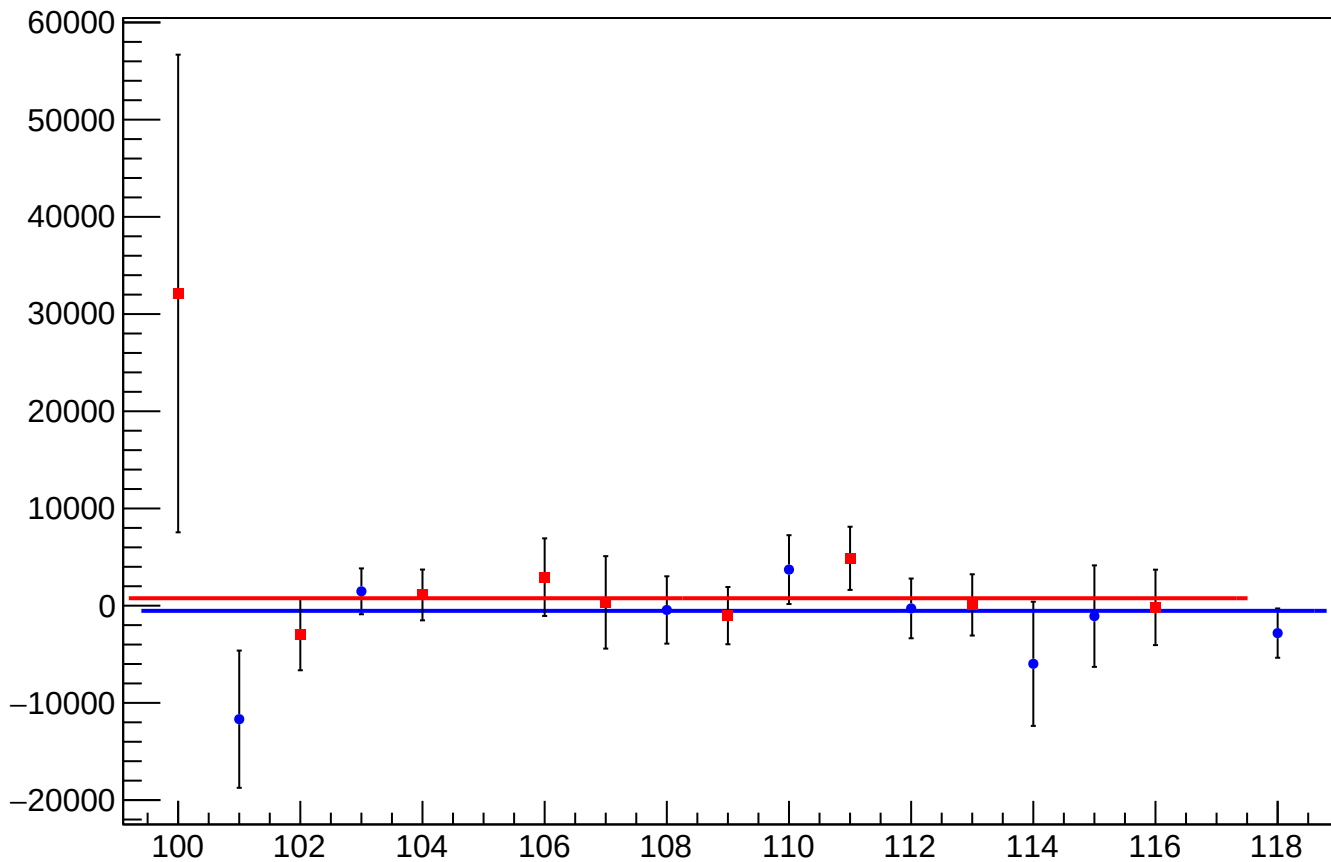
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.807+/-0.297 χ^2/NDF : 2274901.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



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: 766.042+/-1190.890 χ^2/NDF : 5.0/8

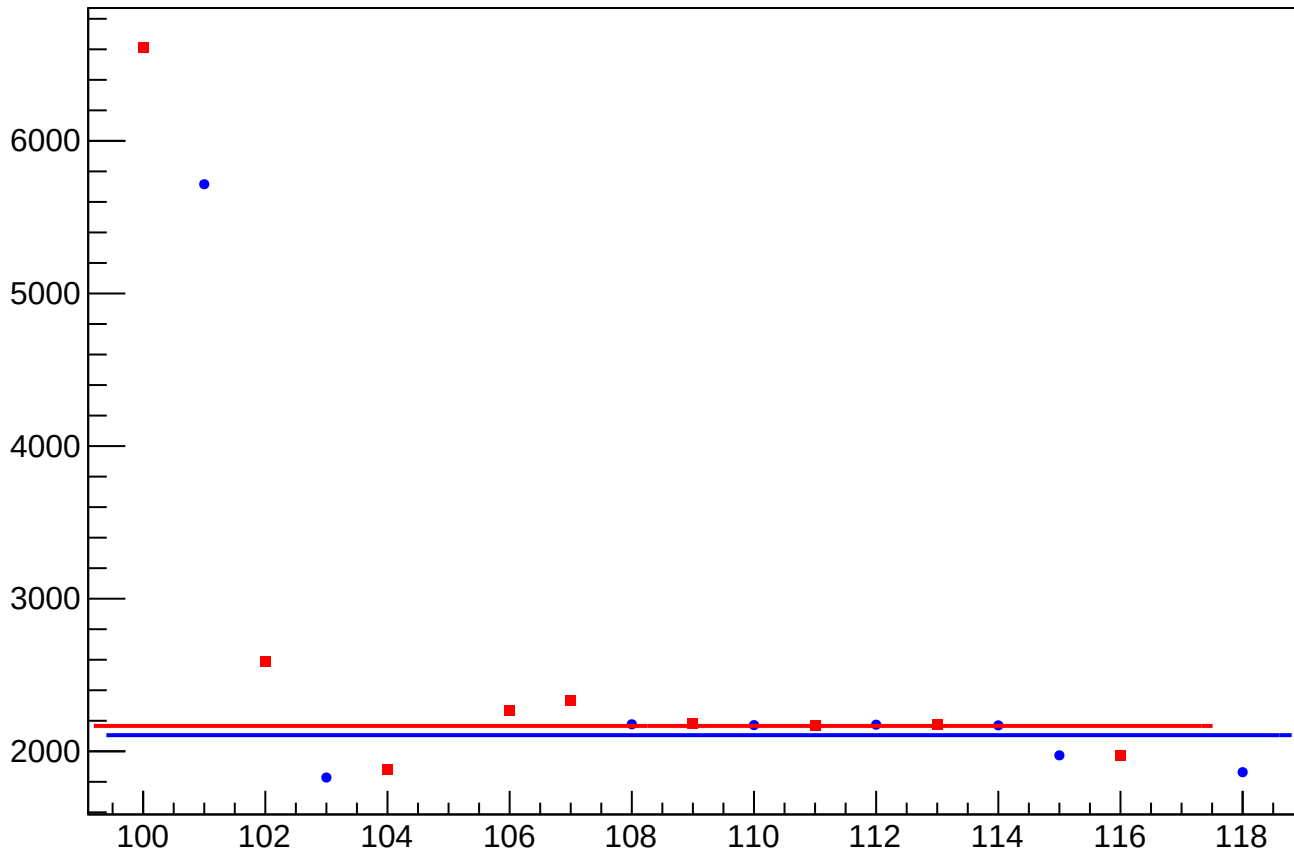
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.365+/-847.931 χ^2/NDF : 11.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



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: 2166.349+/-0.842 χ^2/NDF : 124739.1/8

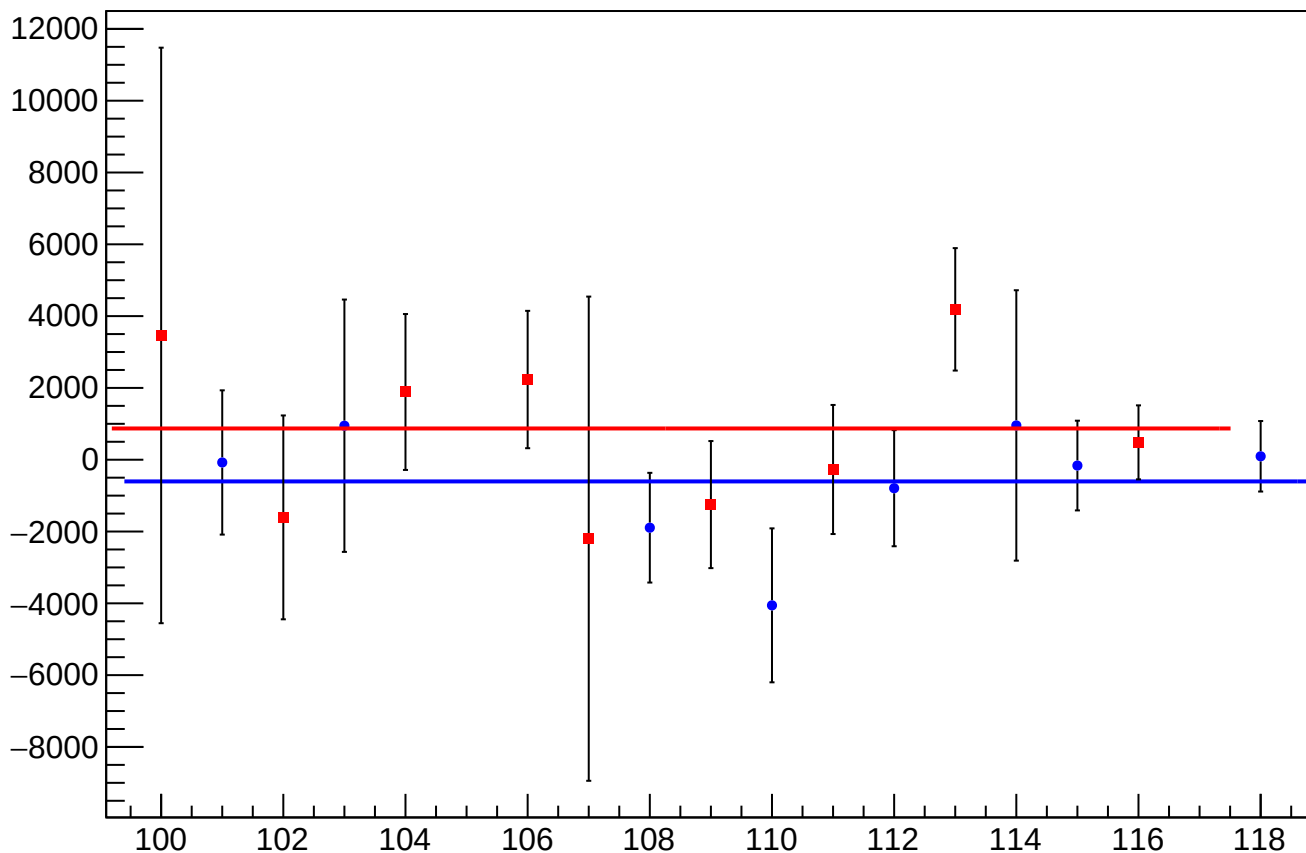
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.461+/-0.600 χ^2/NDF : 700542.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



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: 870.364+/-624.860 χ^2/NDF : 7.6/8

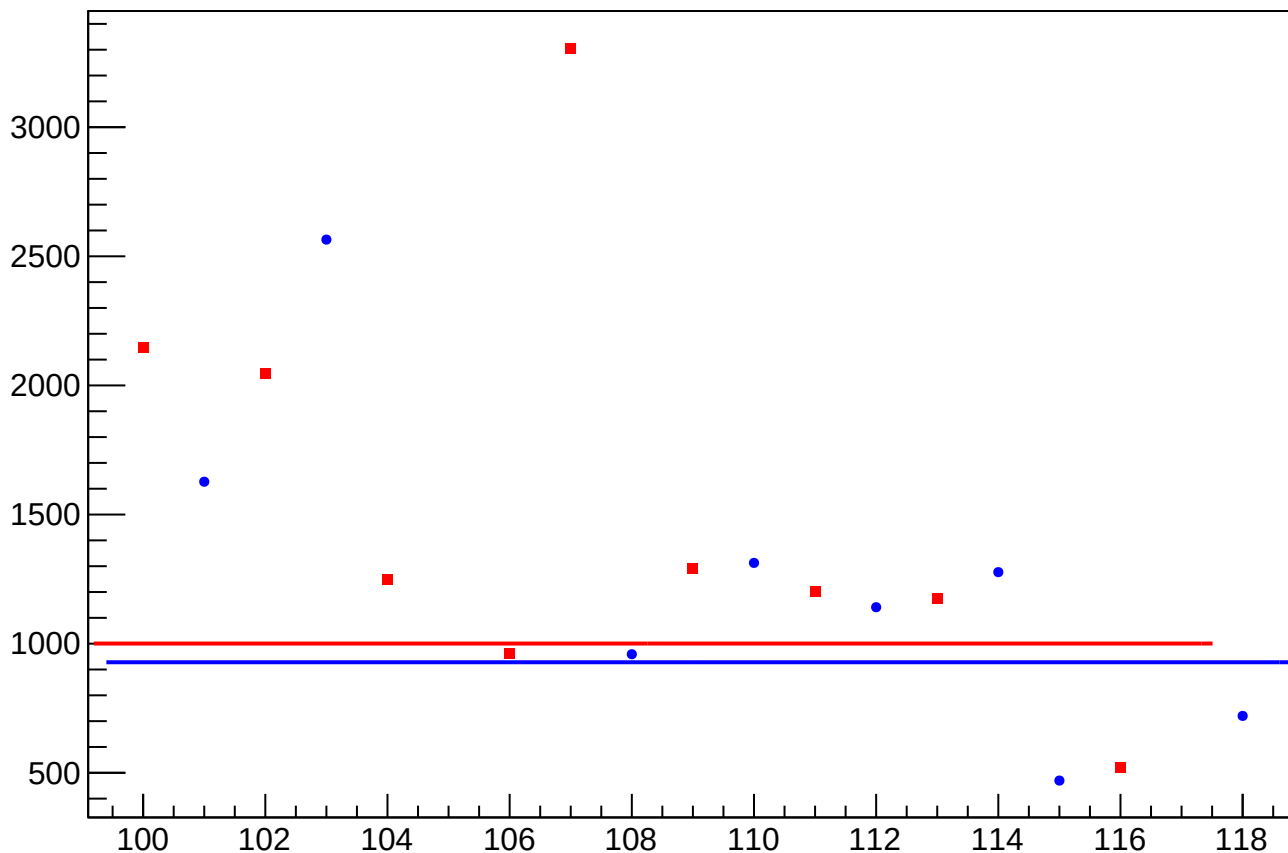
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.225+/-420.097 χ^2/NDF : 15.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



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: 1000.537+/-0.442 χ^2/NDF : 1108706.8/8

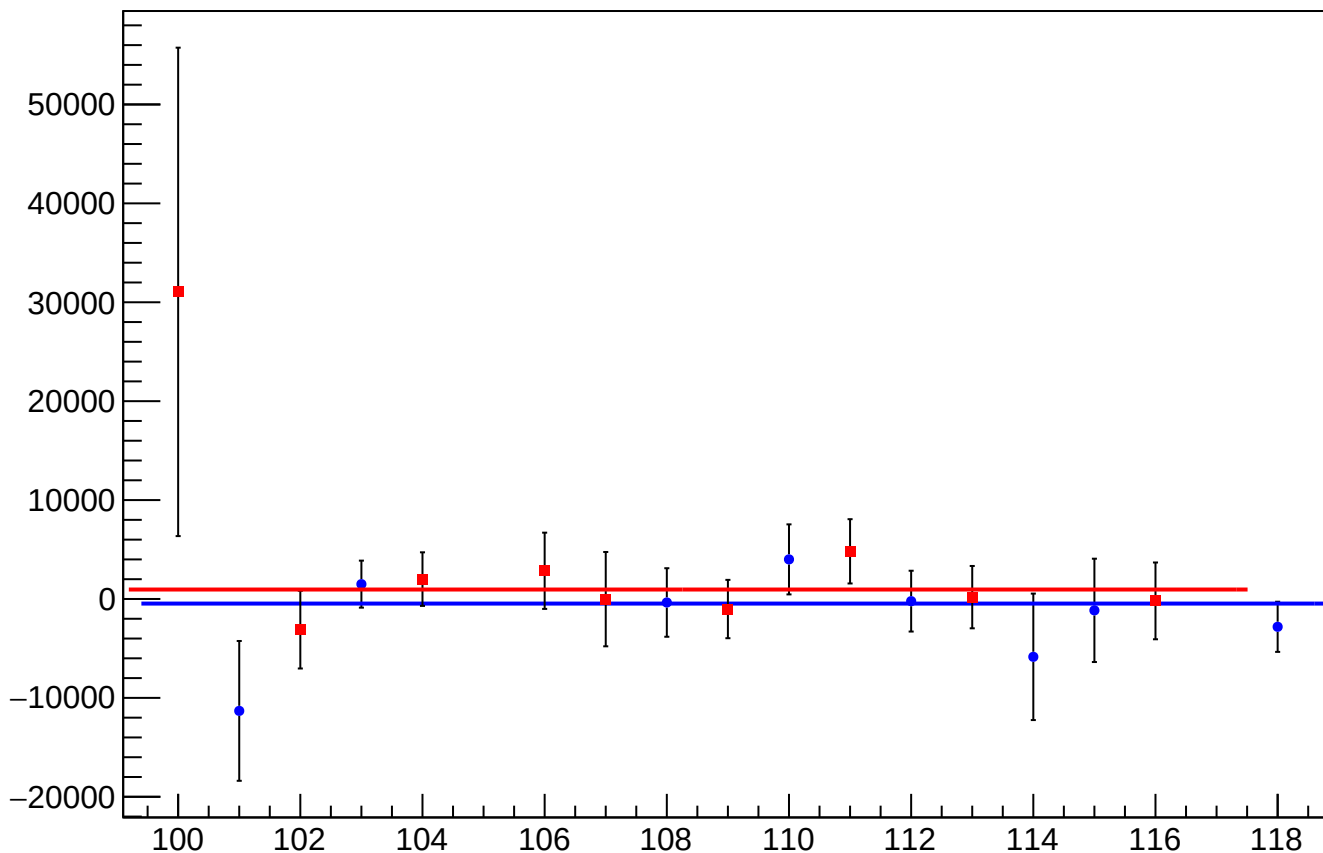
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 960.807+/-0.297 χ^2/NDF : 2274901.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_mean vs Slug



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: 955.901+/-1203.317 χ^2/NDF : 5.0/8

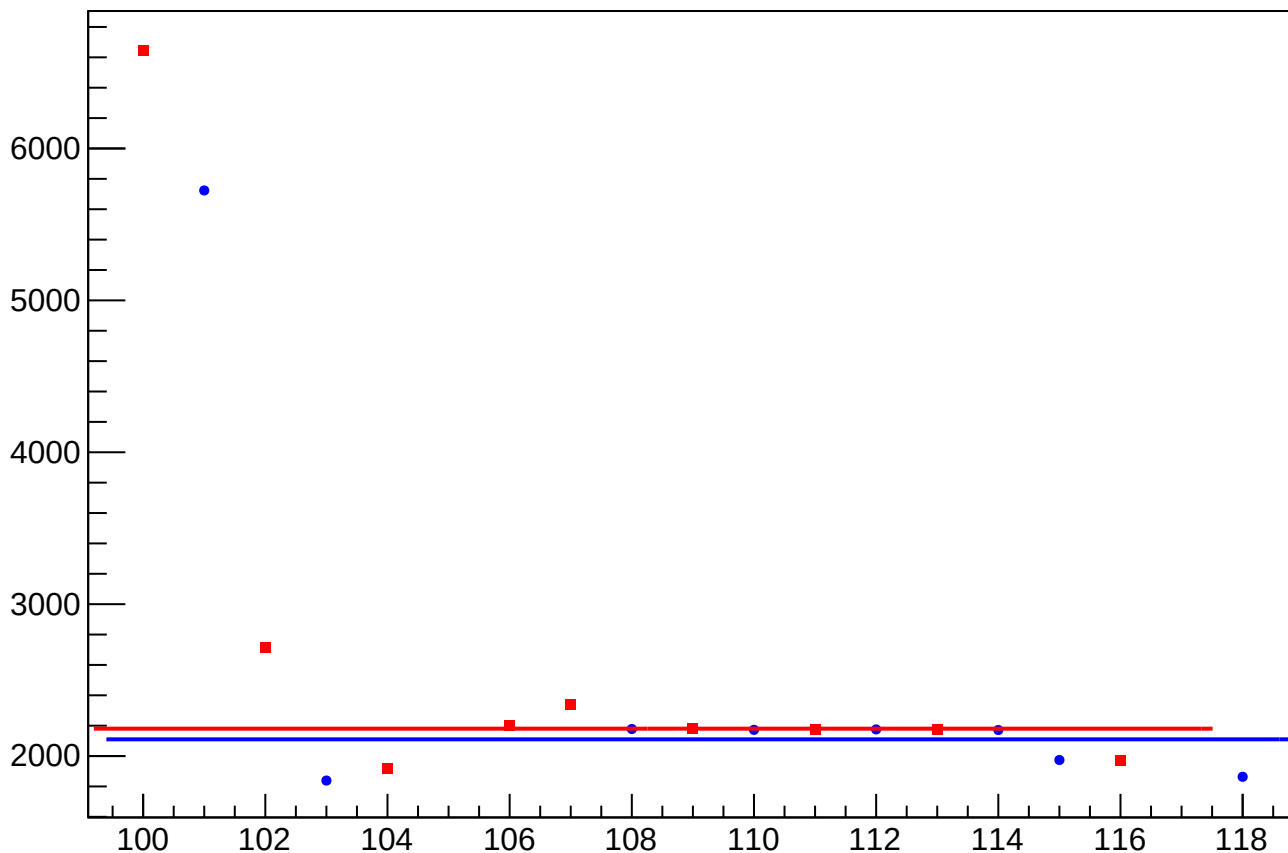
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 249.711+/-853.365 χ^2/NDF : 11.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_rms vs Slug



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: 2180.474+/-0.851 χ^2/NDF : 128528.9/8

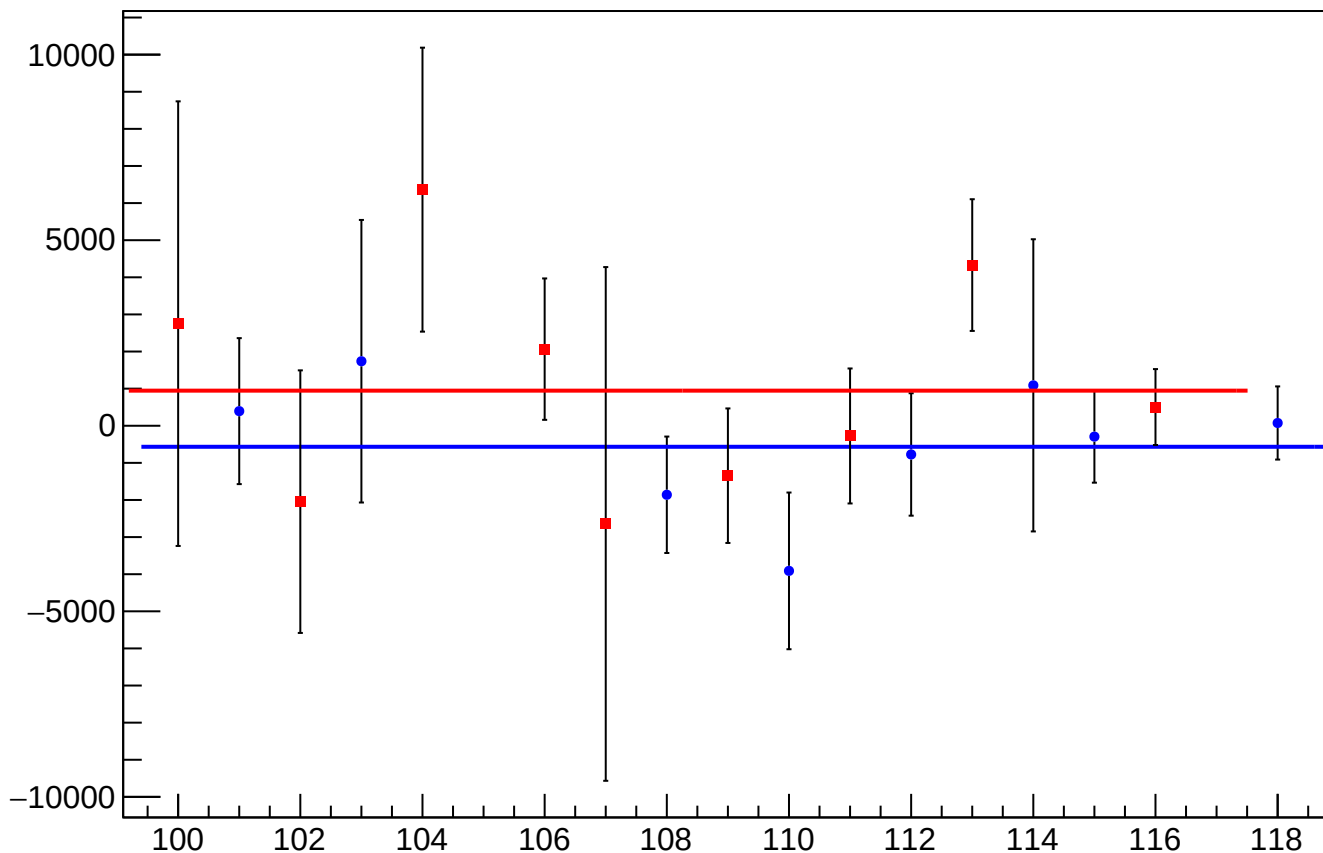
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.534+/-0.603 χ^2/NDF : 703428.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



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: 945.996+/-651.959 χ^2/NDF : 9.3/8

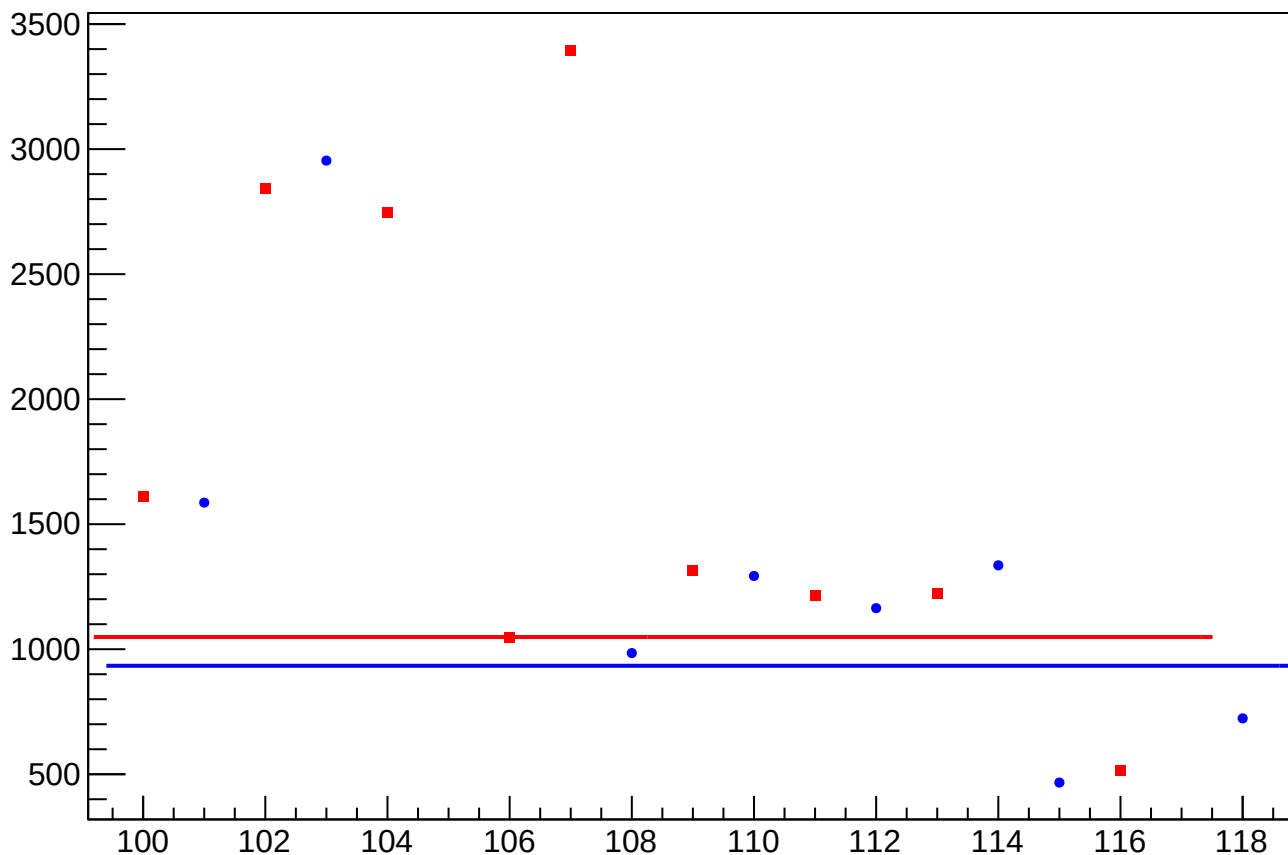
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.708+/-429.444 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



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: 1048.805+/-0.461 χ^2/NDF : 1777802.0/8

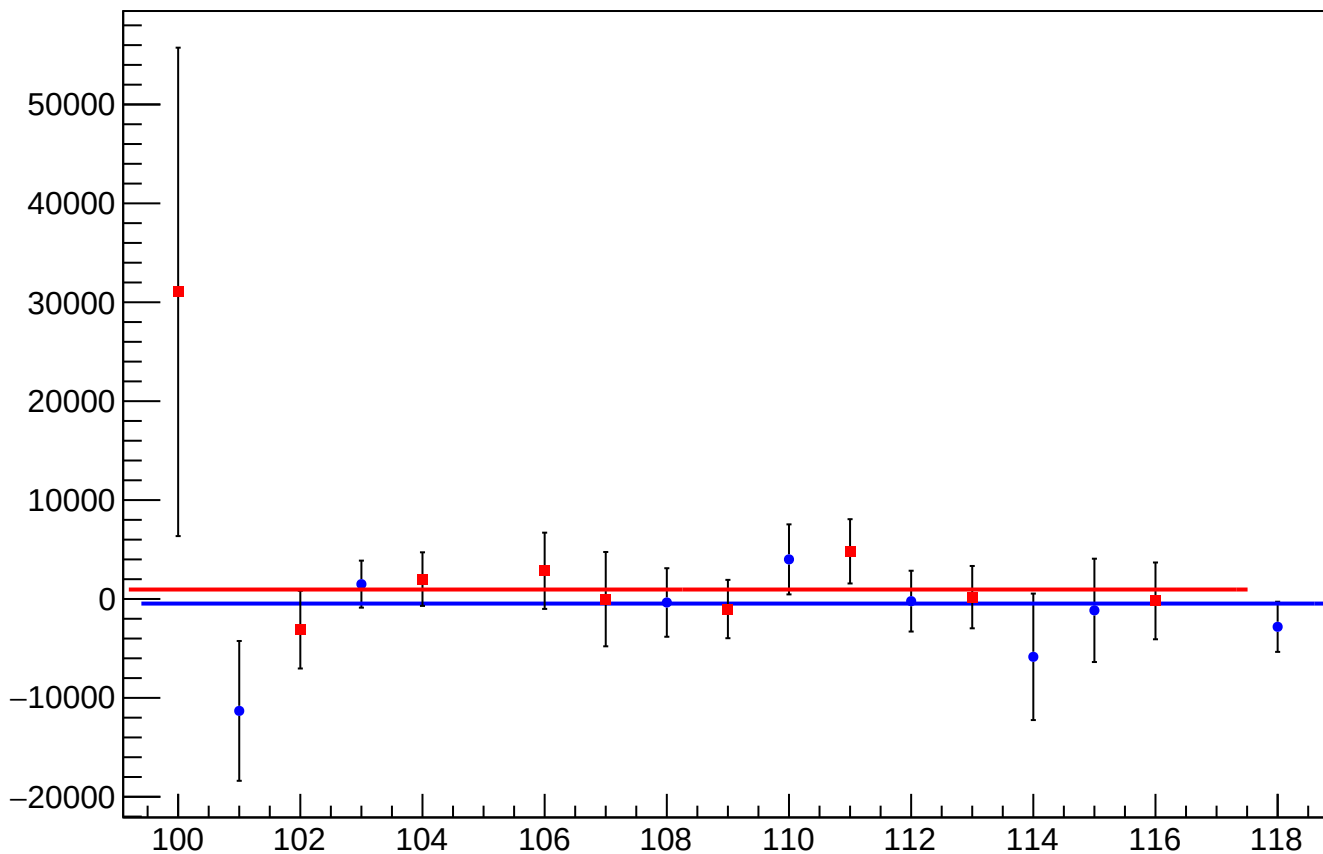
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.674+/-0.304 χ^2/NDF : 3090948.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: -464.810 $\pm$ 1210.394 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 955.902 $\pm$ 1203.317 χ^2 /NDF: 5.0/8

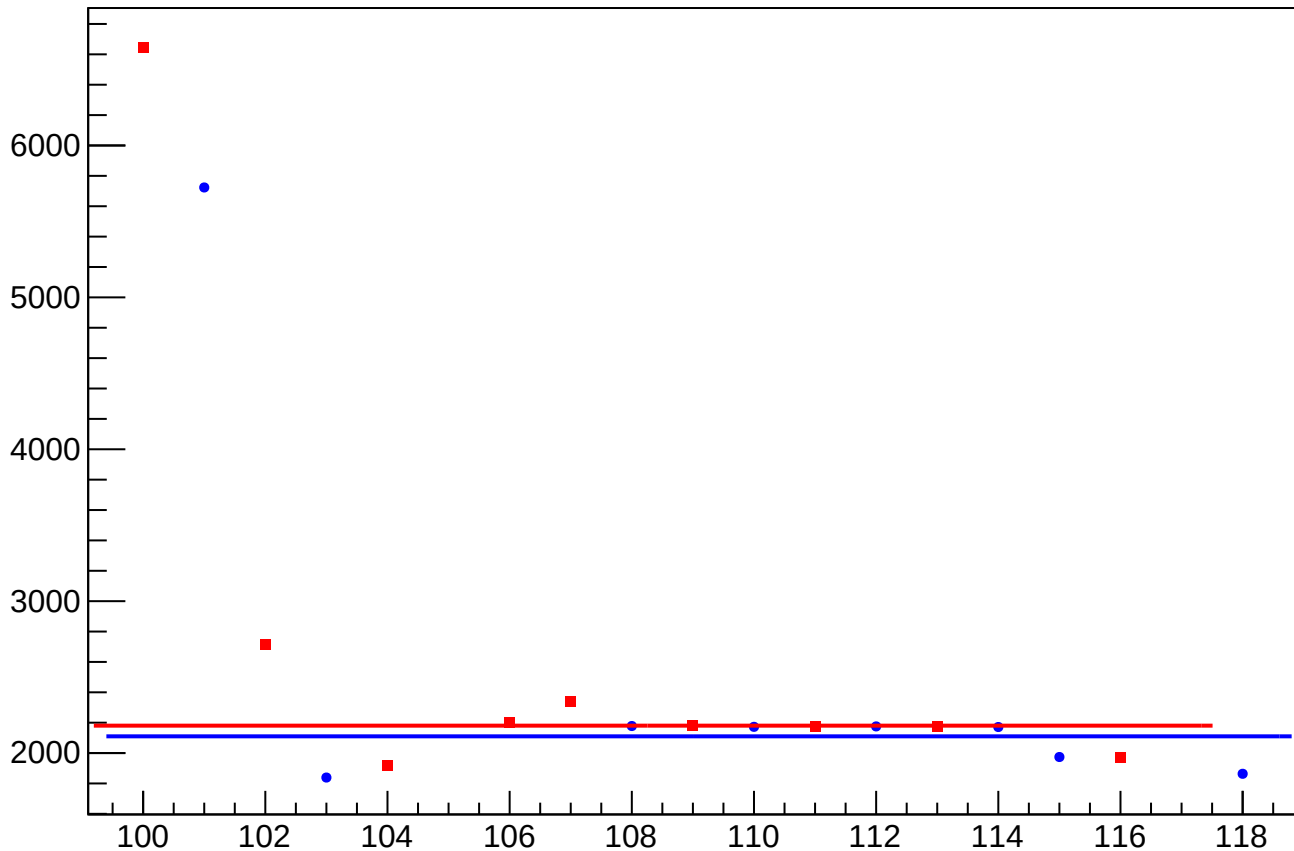
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 249.711 $\pm$ 853.365 χ^2 /NDF: 11.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 2110.180 $\pm$ 0.856 χ^2 /NDF: 571507.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2180.474 $\pm$ 0.851 χ^2 /NDF: 128528.8/8

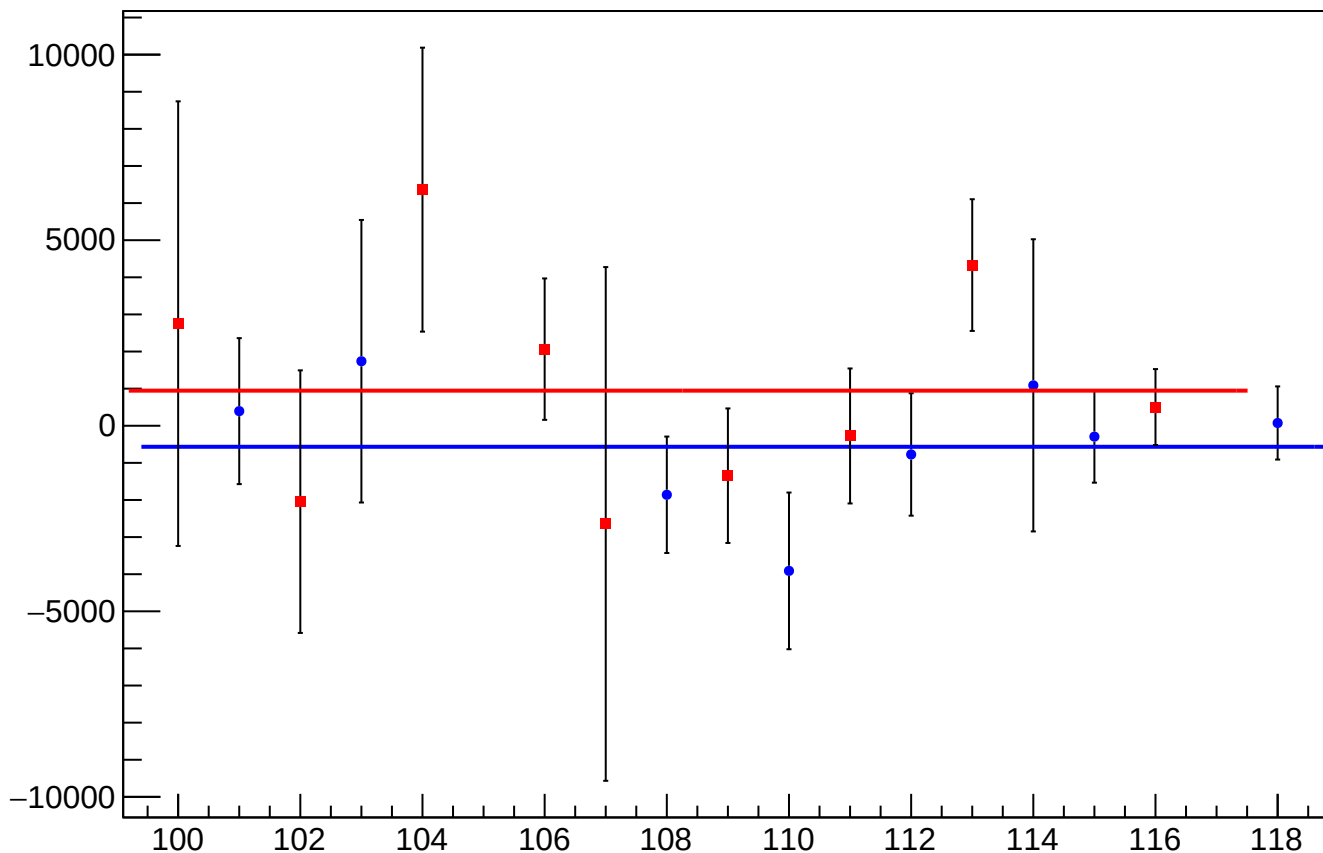
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2145.533 $\pm$ 0.603 χ^2 /NDF: 703428.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



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: 945.994+/-651.958 χ^2/NDF : 9.3/8

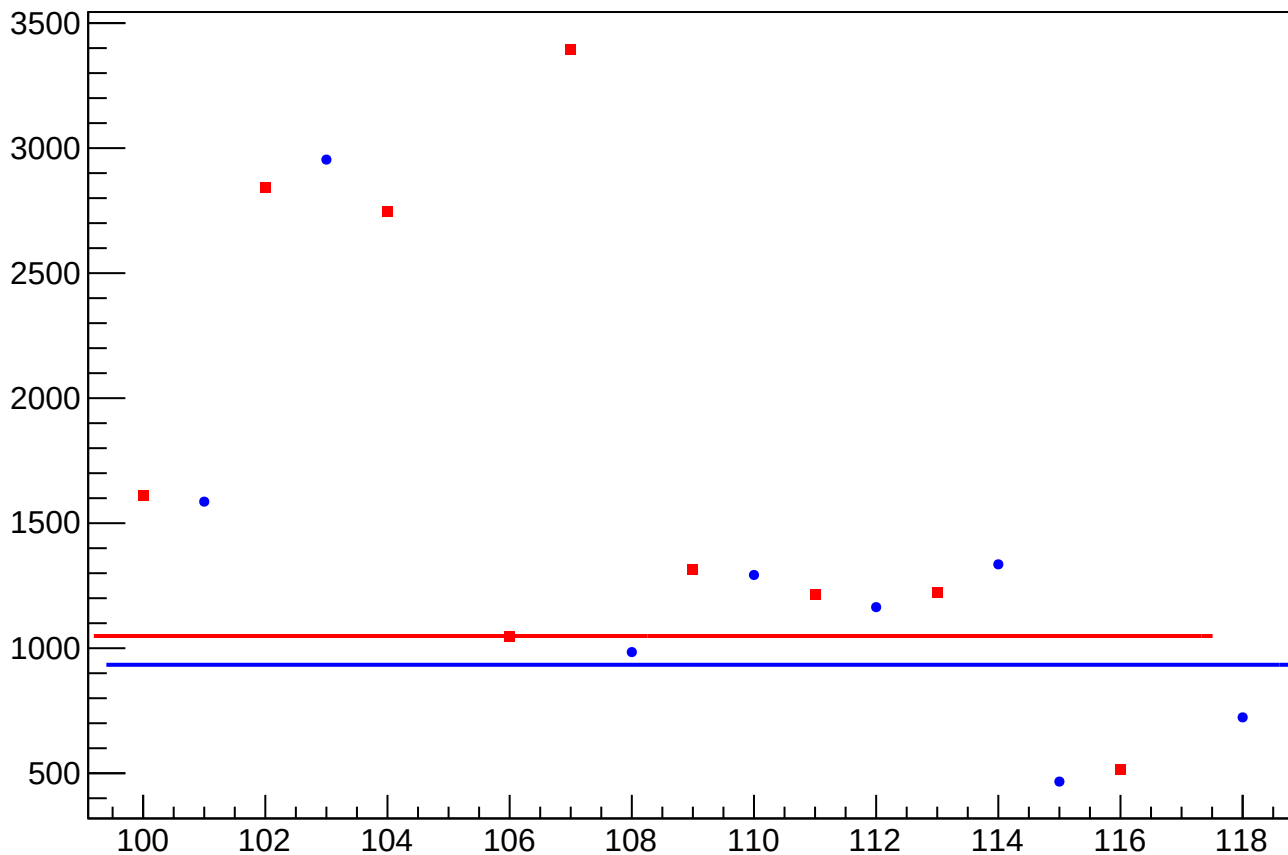
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.706+/-429.444 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



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: 1048.804+/-0.461 χ^2/NDF : 1777807.3/8

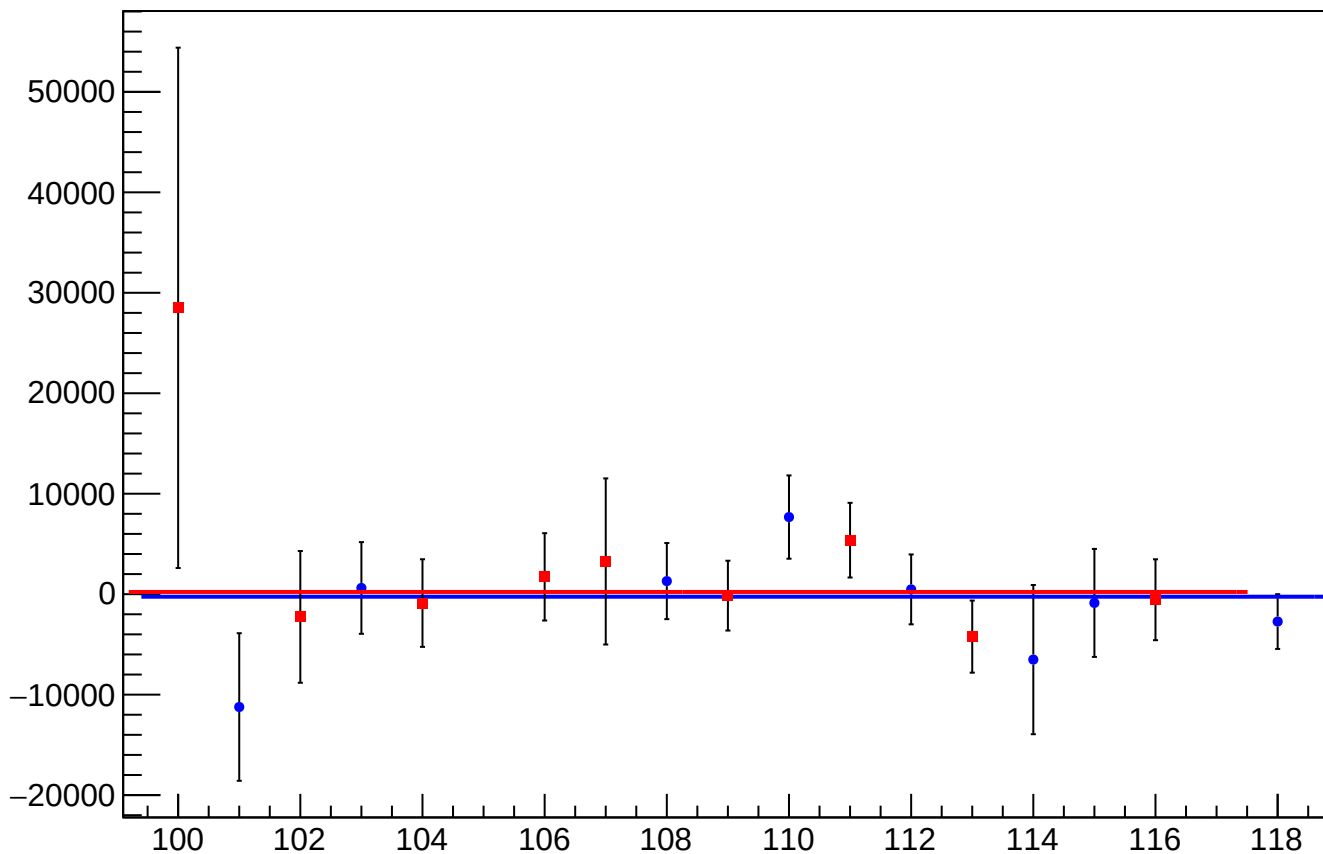
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 983.672+/-0.304 χ^2/NDF : 3090958.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



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: 221.284+/-1508.367 χ^2/NDF : 5.2/8

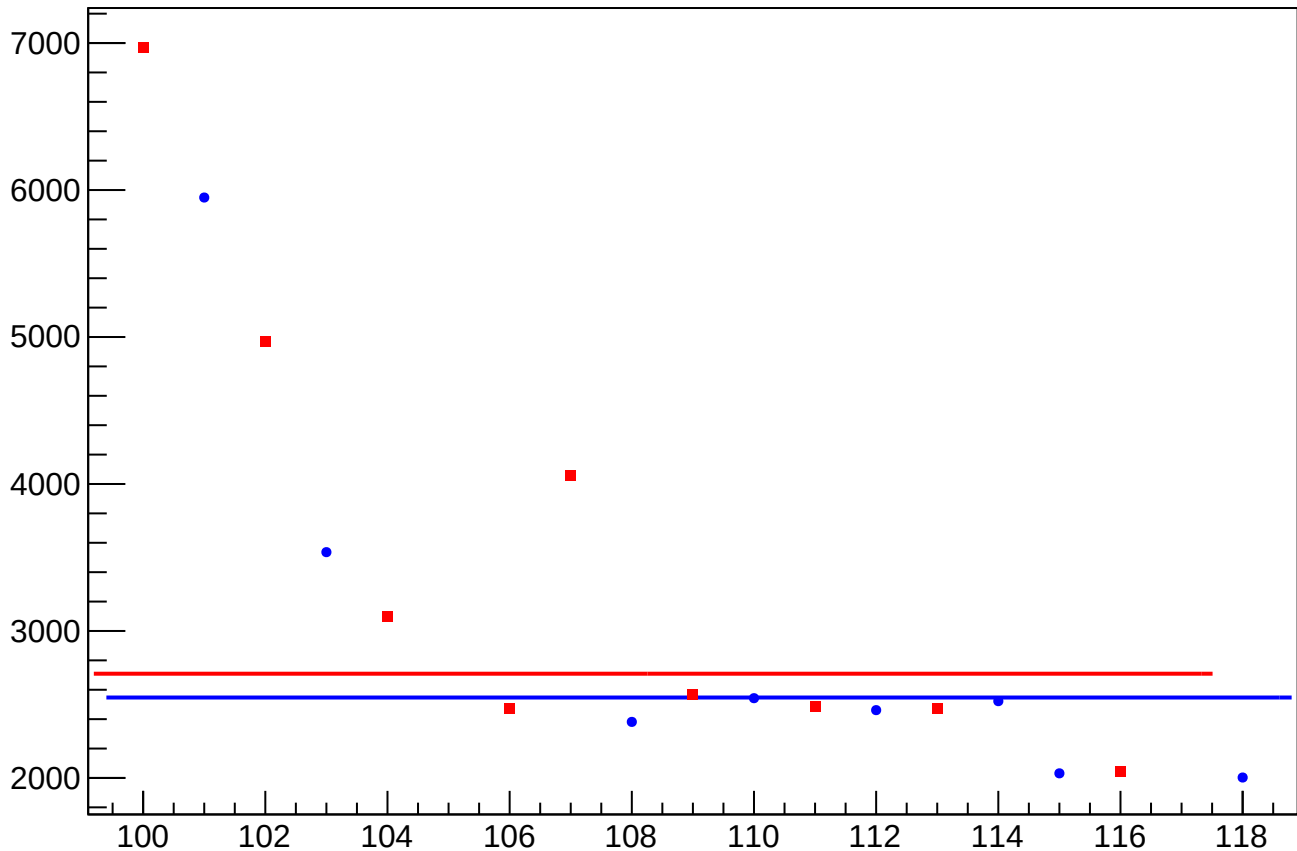
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.734+/-1051.726 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_rms vs Slug



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: 2709.187+/-1.067 χ^2/NDF : 439813.8/8

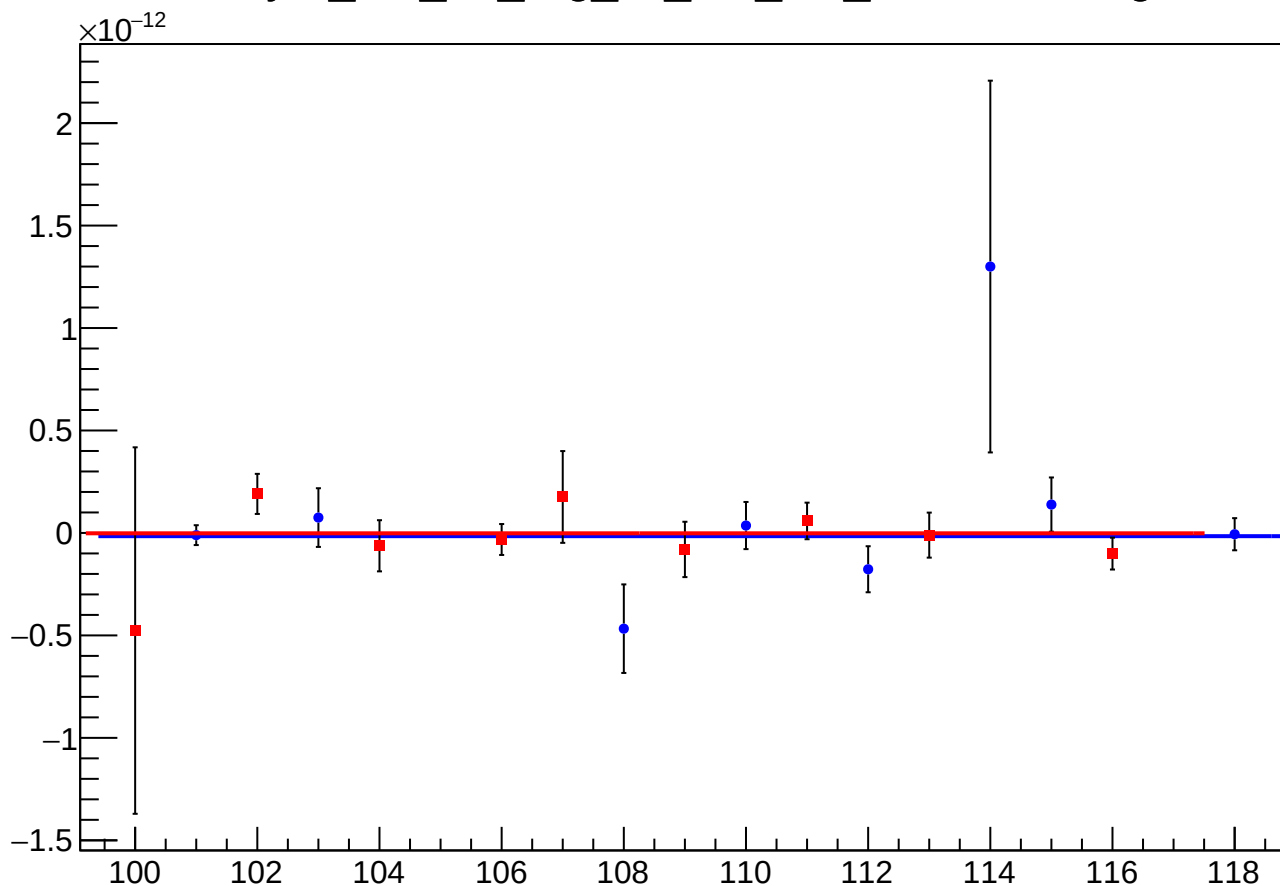
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2625.968+/-0.744 χ^2/NDF : 1077882.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



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 : 7.6/8

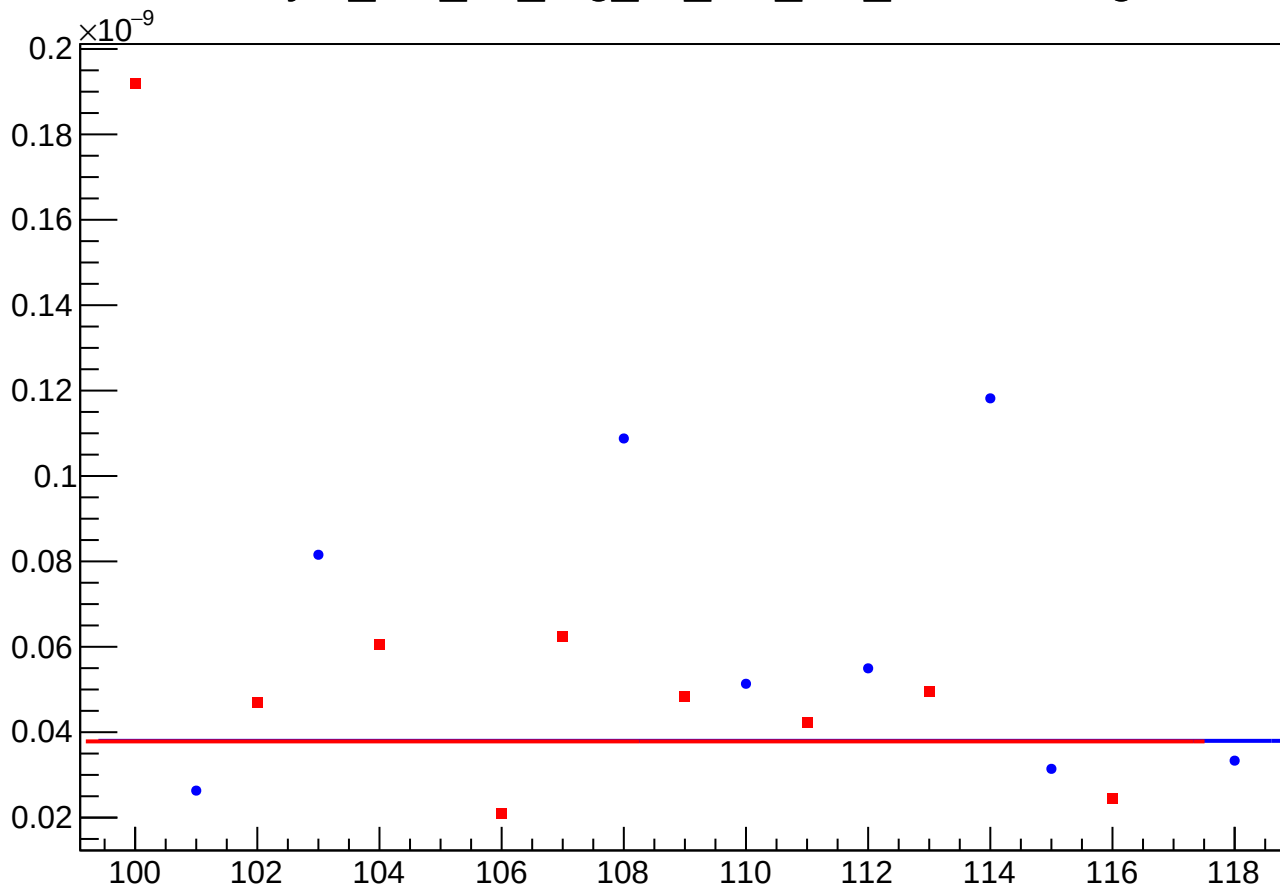
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



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 : 366775.8/8

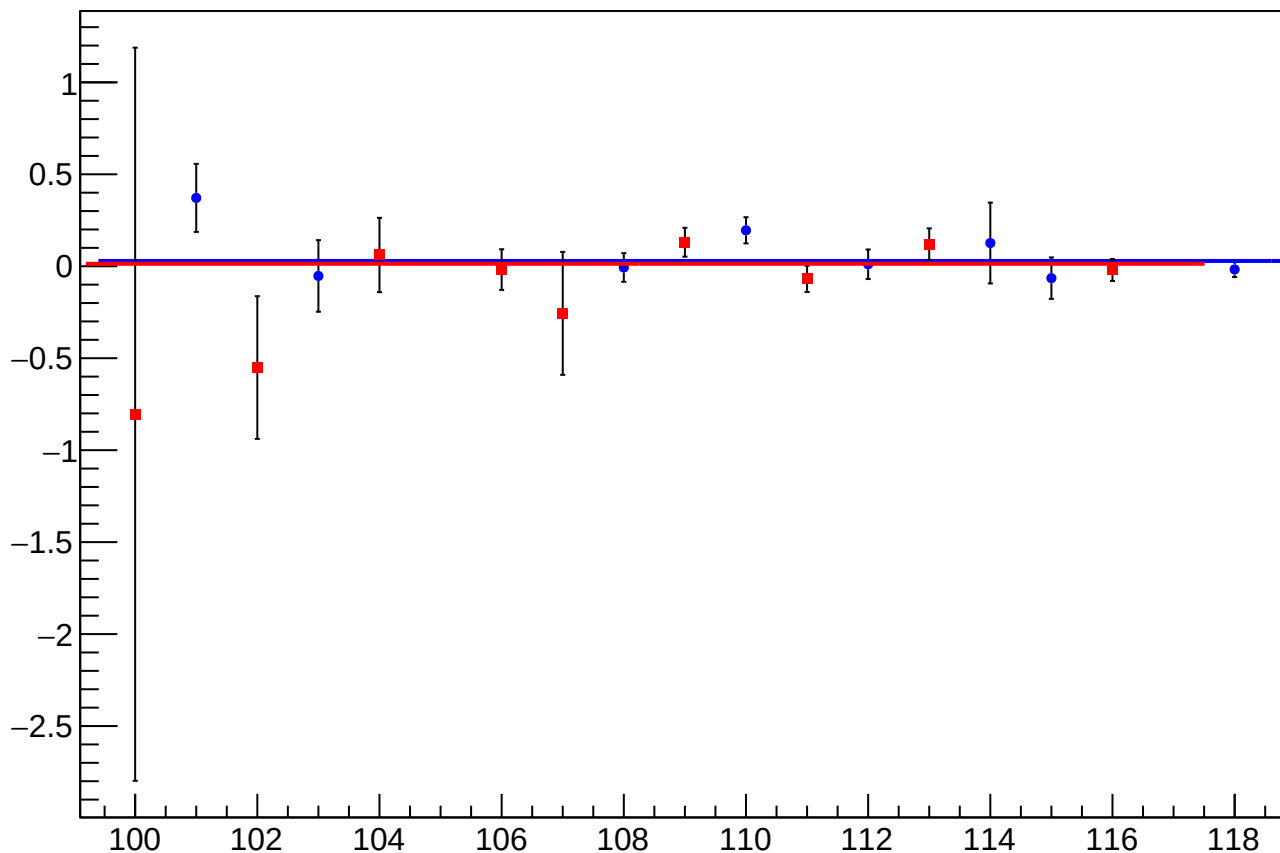
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 982756.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



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+/-0.033 χ^2/NDF : 8.5/8

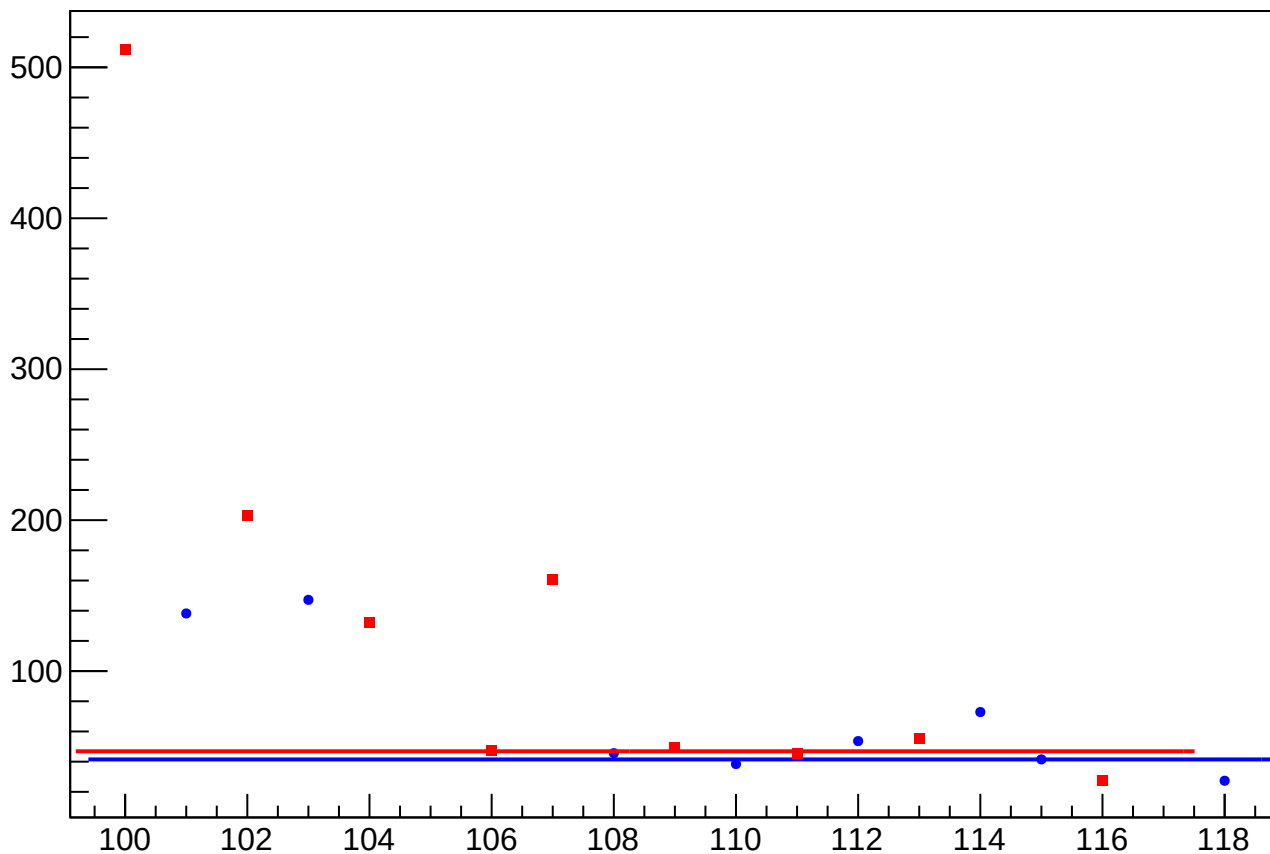
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.022 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



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: 46.867+/-0.024 χ^2/NDF : 1257580.3/8

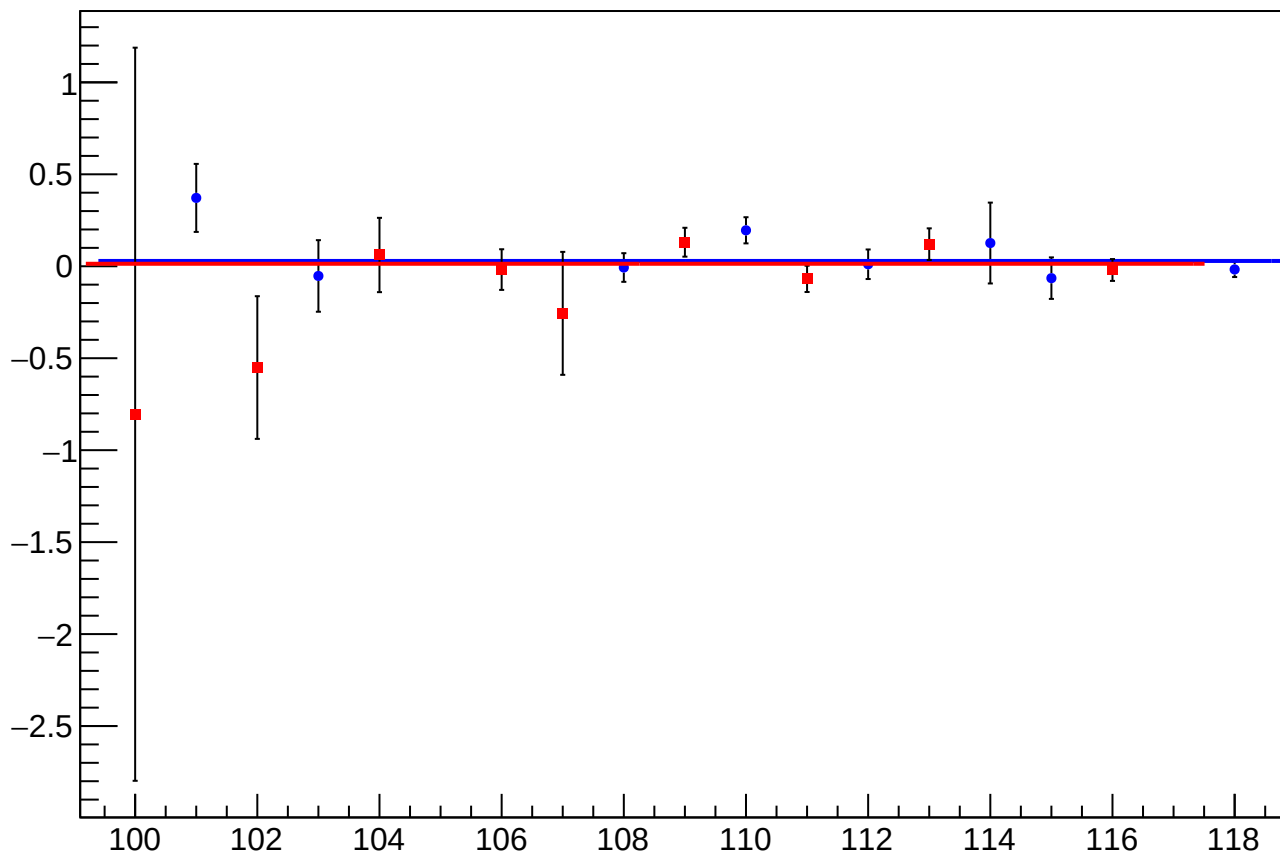
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.726+/-0.015 χ^2/NDF : 2753780.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



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+/-0.033 χ^2/NDF : 8.5/8

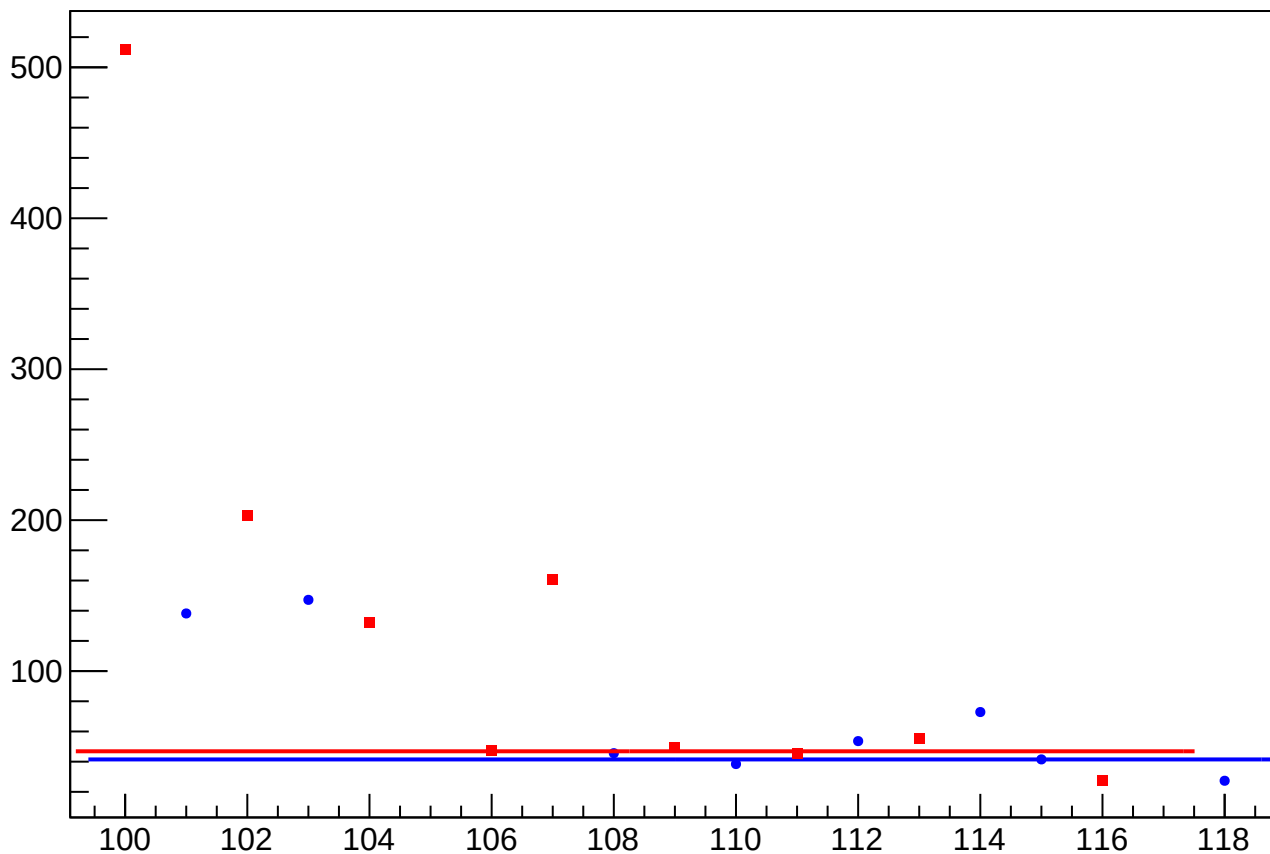
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.022 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 46.867+/-0.024 χ^2/NDF : 1257580.3/8

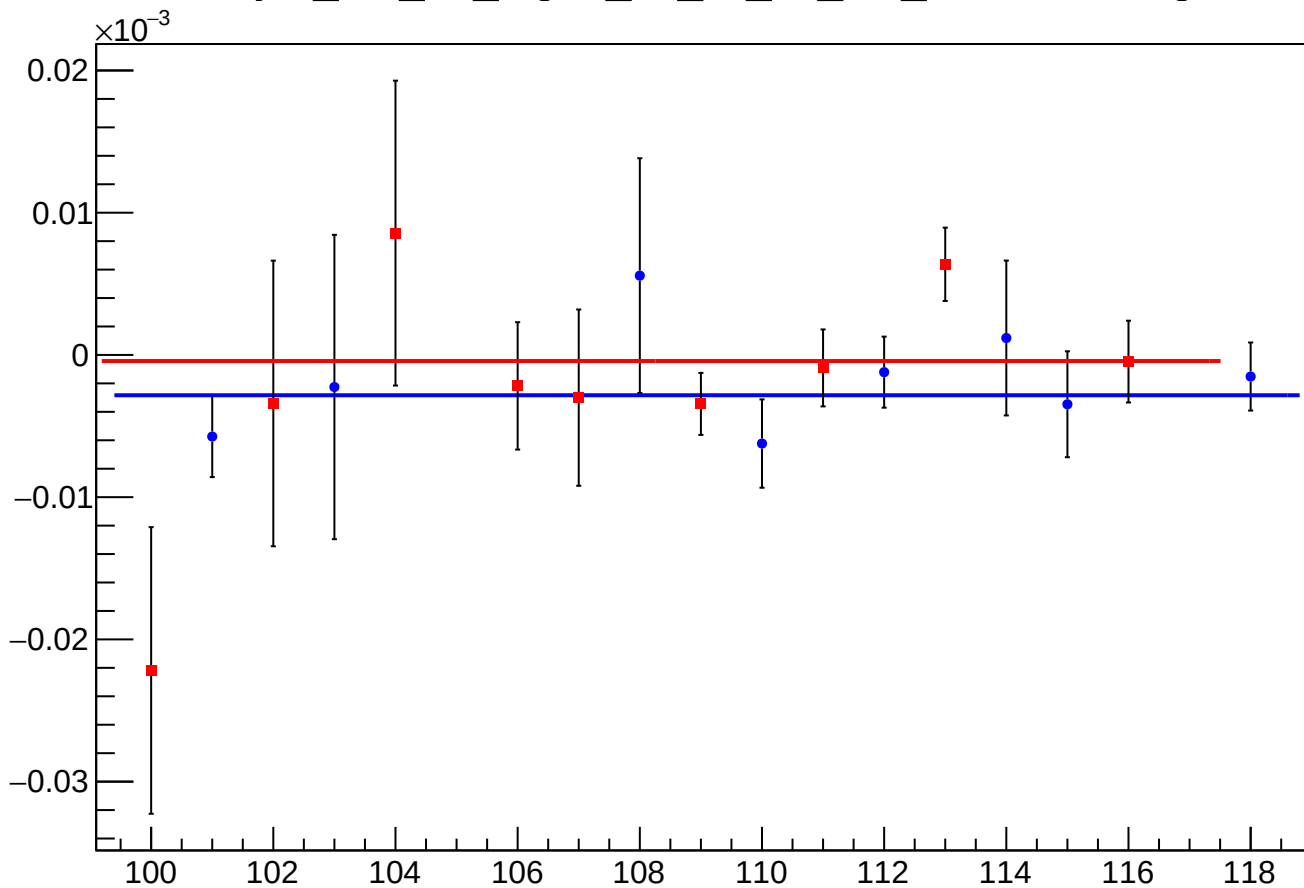
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.726+/-0.015 χ^2/NDF : 2753780.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 14.7/8

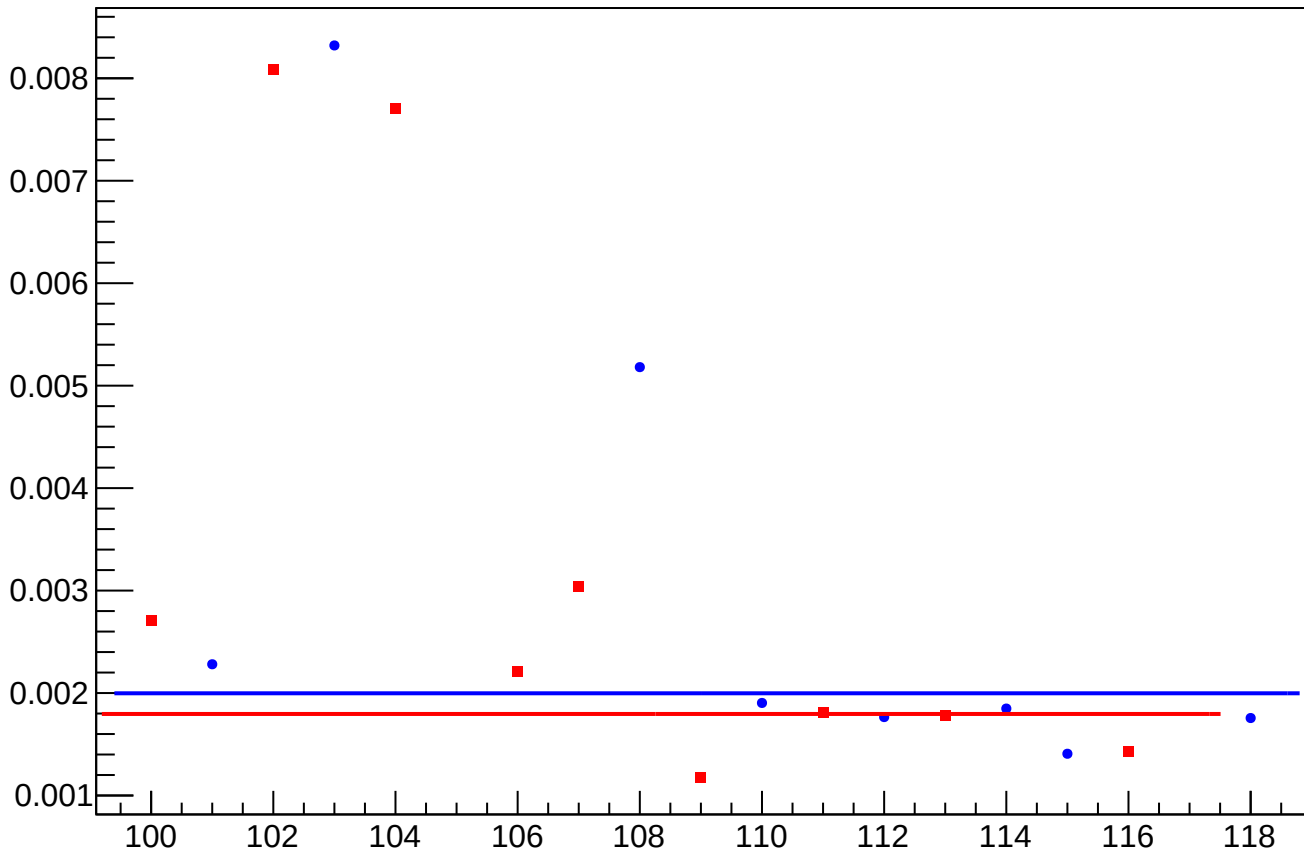
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1106807.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1701402.9/8

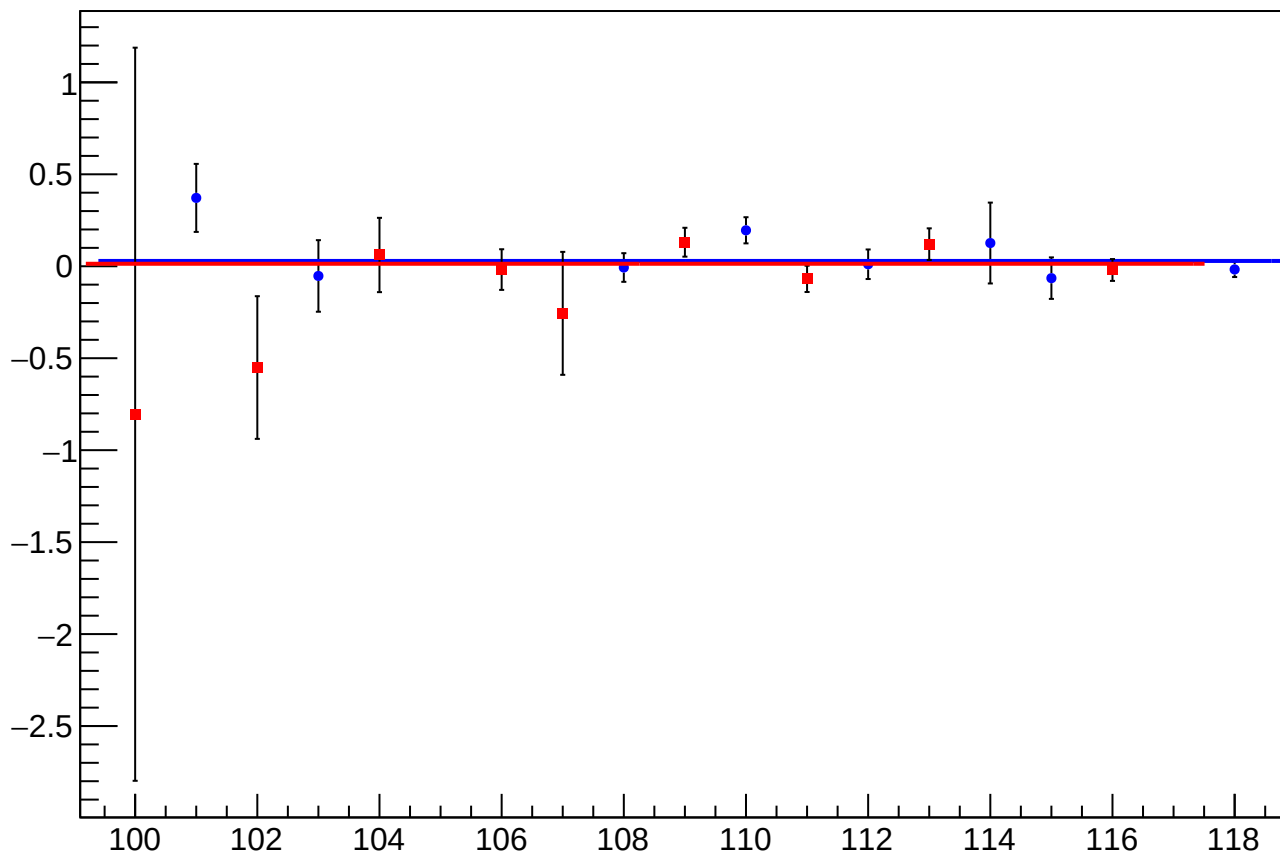
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2836971.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



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+/-0.033 χ^2/NDF : 8.5/8

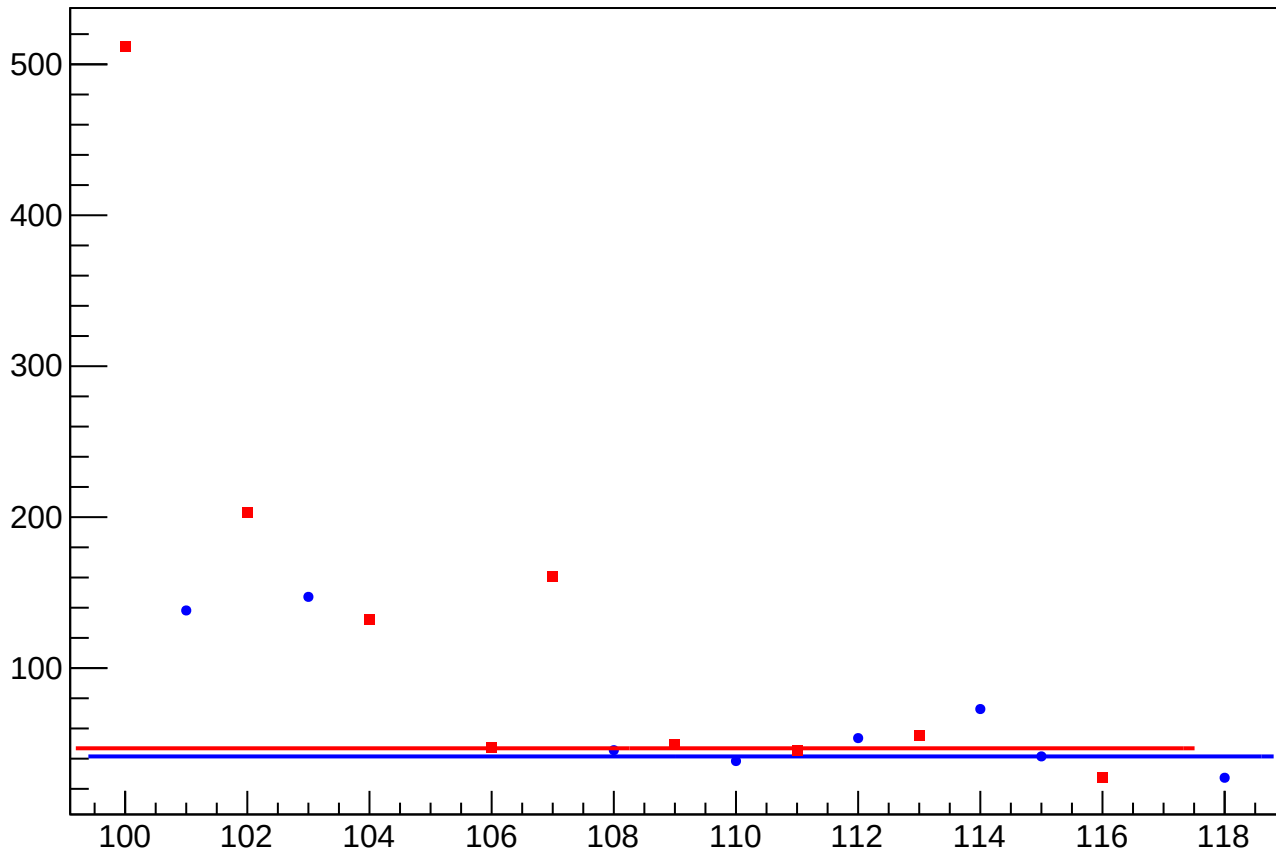
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.022 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 46.867+/-0.024 χ^2/NDF : 1257546.0/8

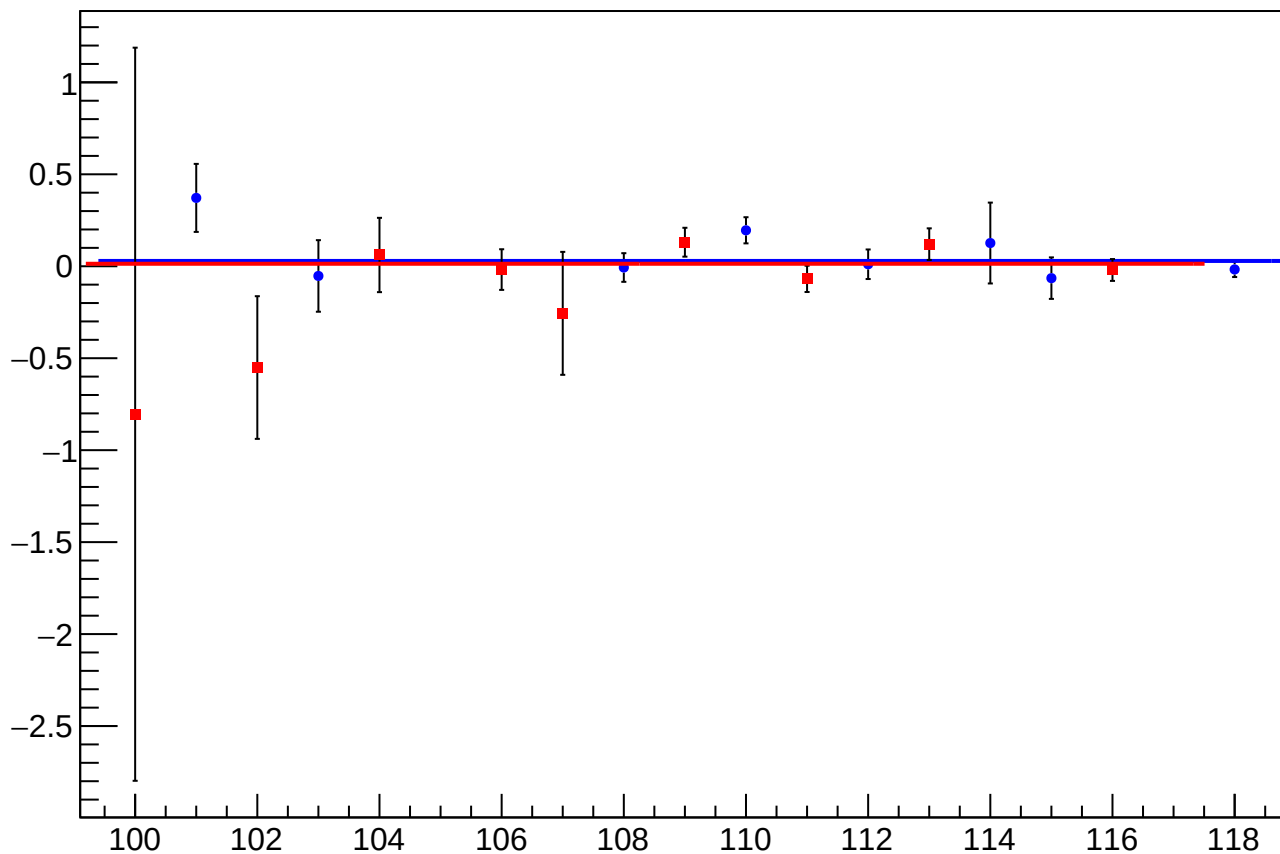
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.727+/-0.015 χ^2/NDF : 2753699.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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+/-0.033 χ^2/NDF : 8.5/8

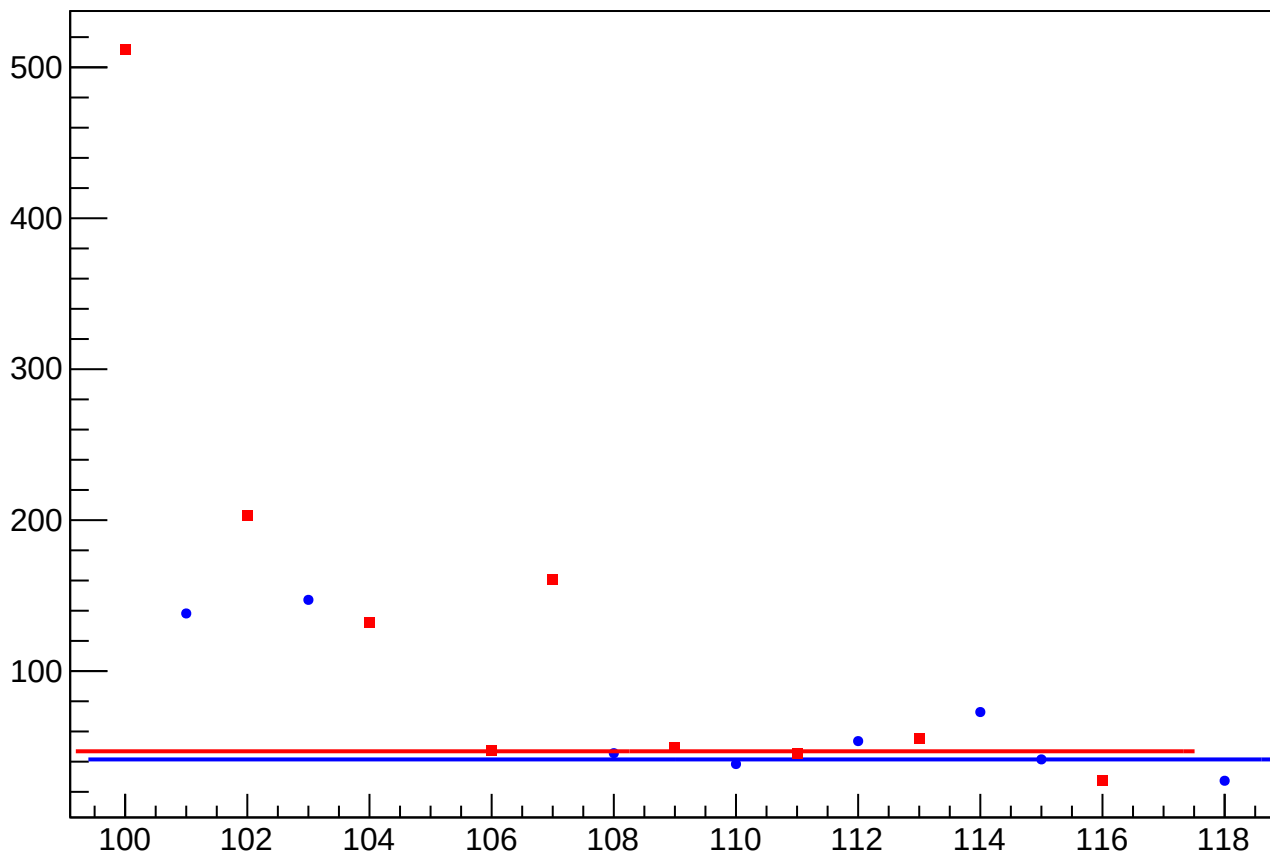
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.022 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 46.867+/-0.024 χ^2/NDF : 1257546.0/8

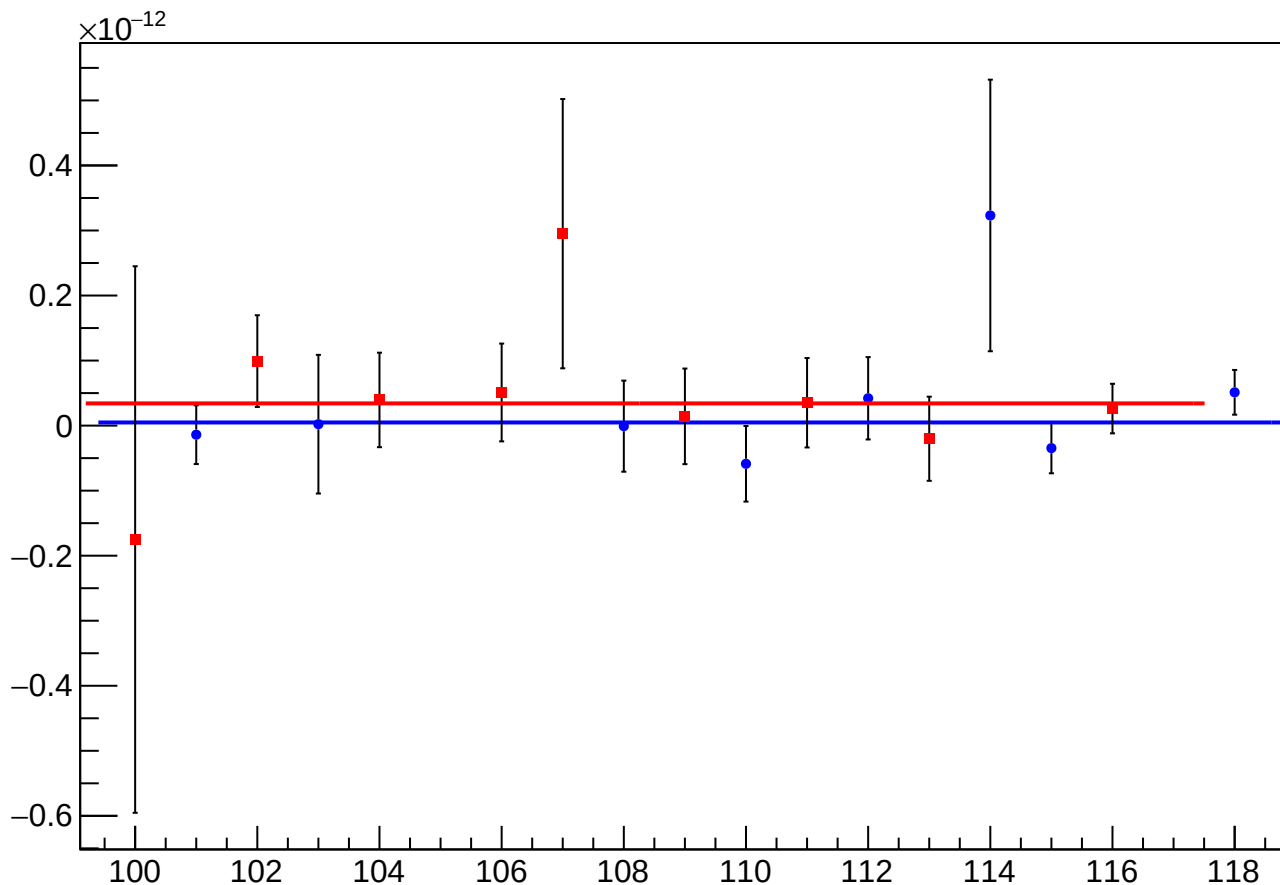
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.727+/-0.015 χ^2/NDF : 2753699.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 3.6/8

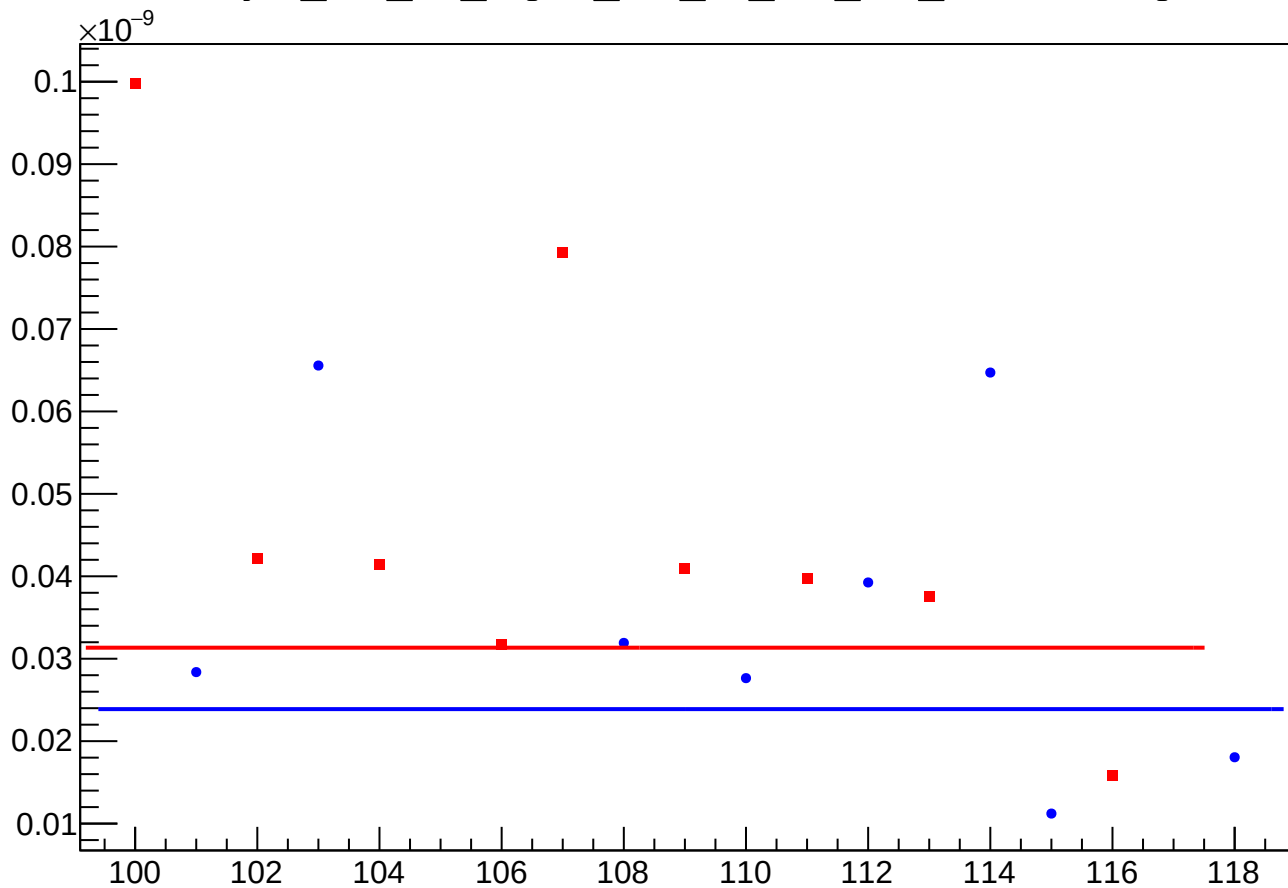
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 662507.7/8

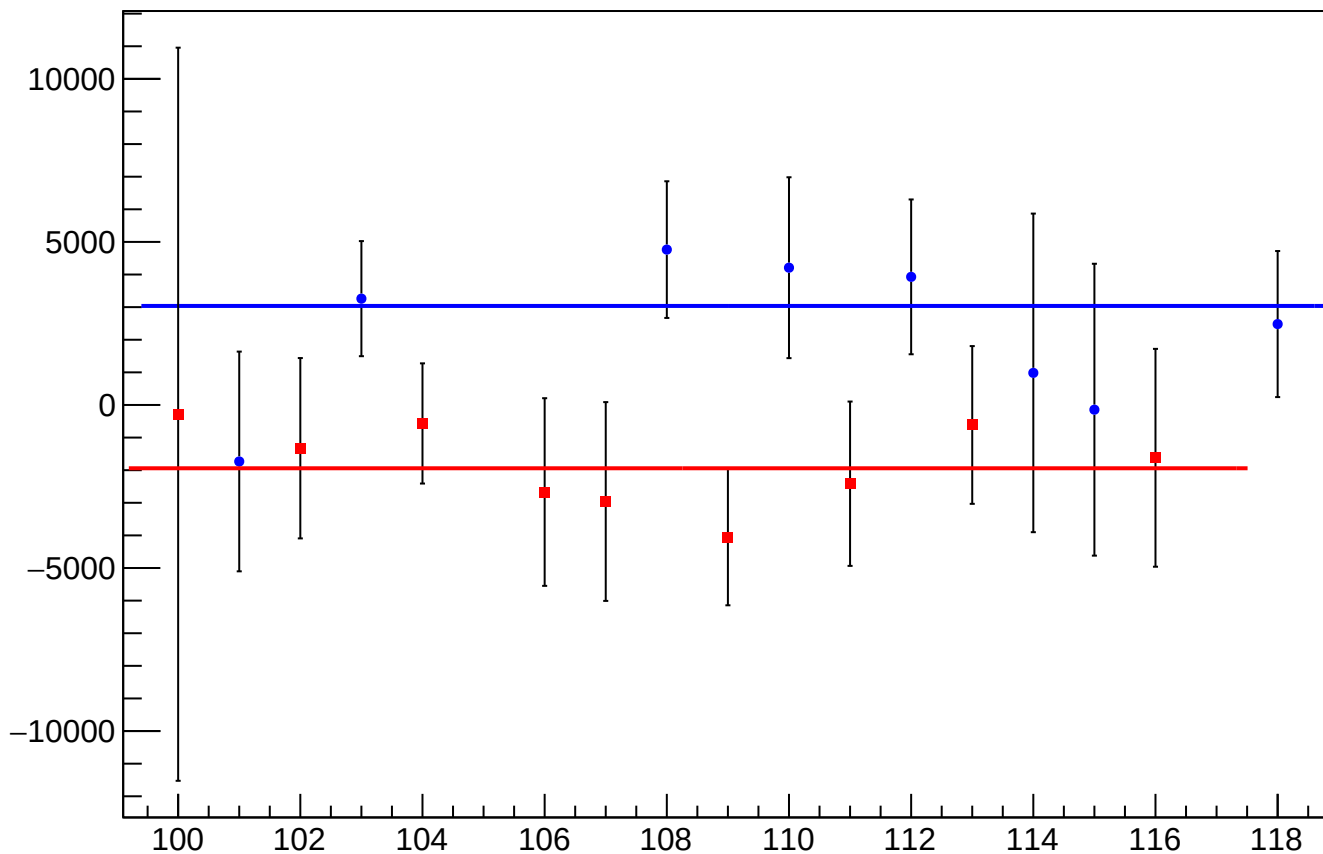
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1616720.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_mean vs Slug



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: -1941.365+/-874.367 χ^2/NDF : 2.2/8

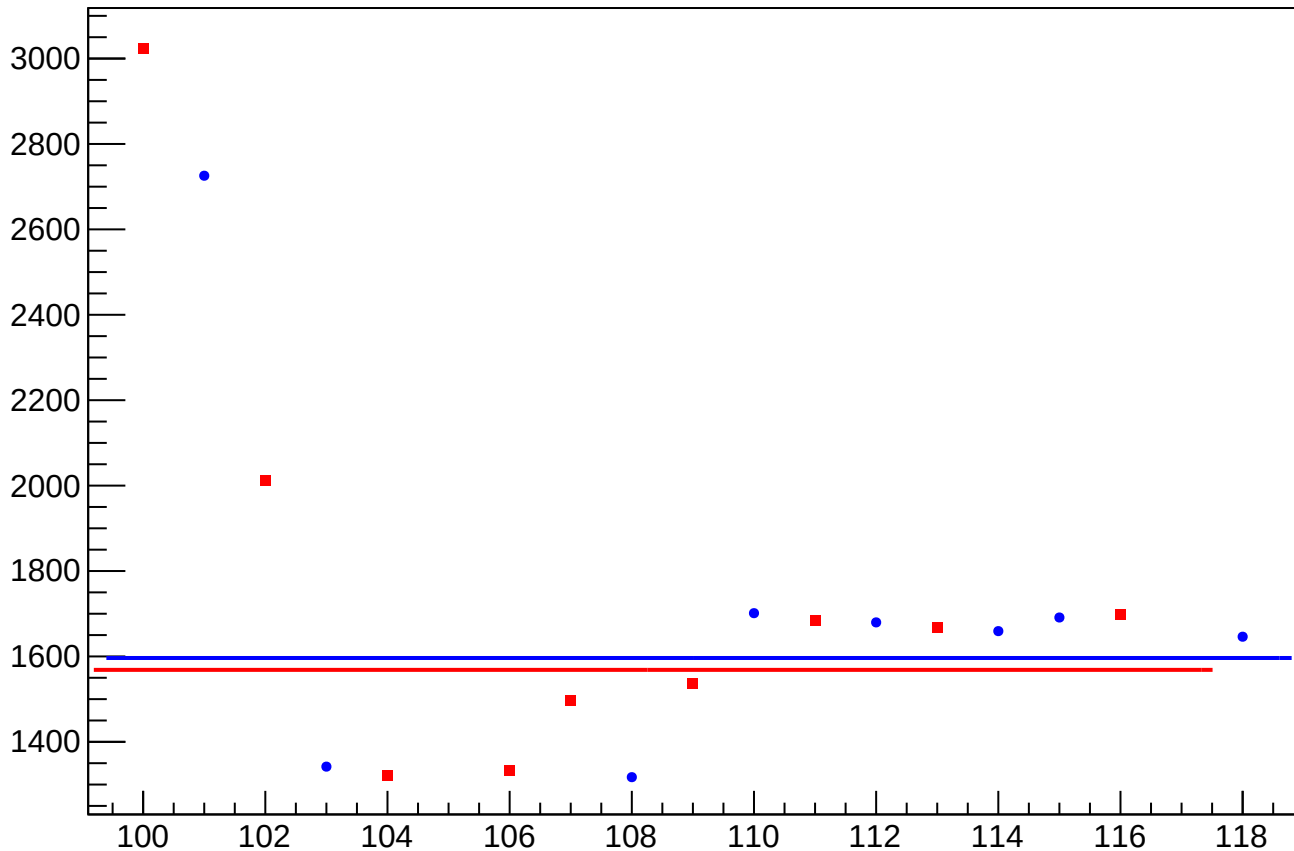
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.799+/-627.006 χ^2/NDF : 21.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_rms vs Slug



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: 1568.541+/-0.618 χ^2/NDF : 147047.2/8

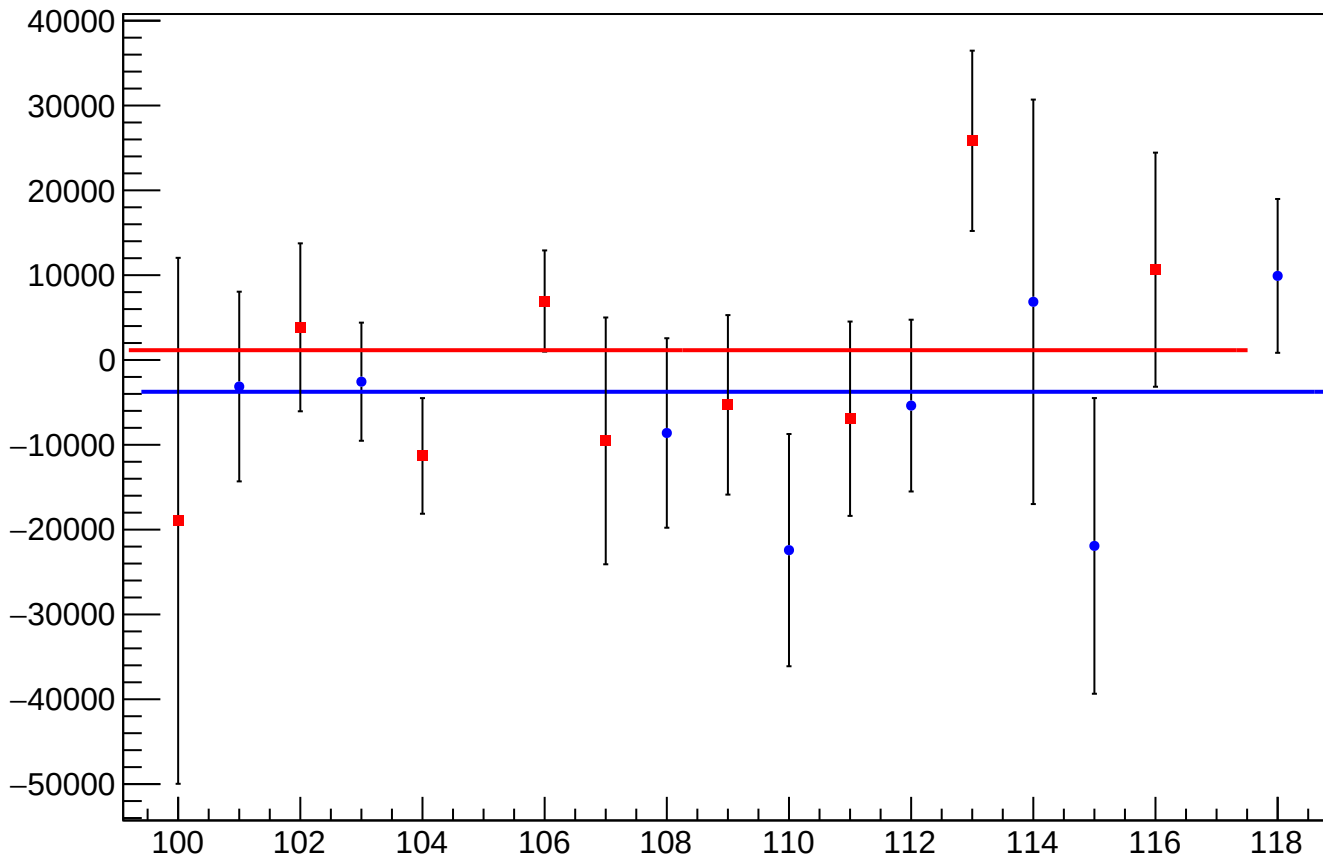
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.057+/-0.443 χ^2/NDF : 457319.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



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: 1153.640+/-3223.276 χ^2/NDF : 12.1/8

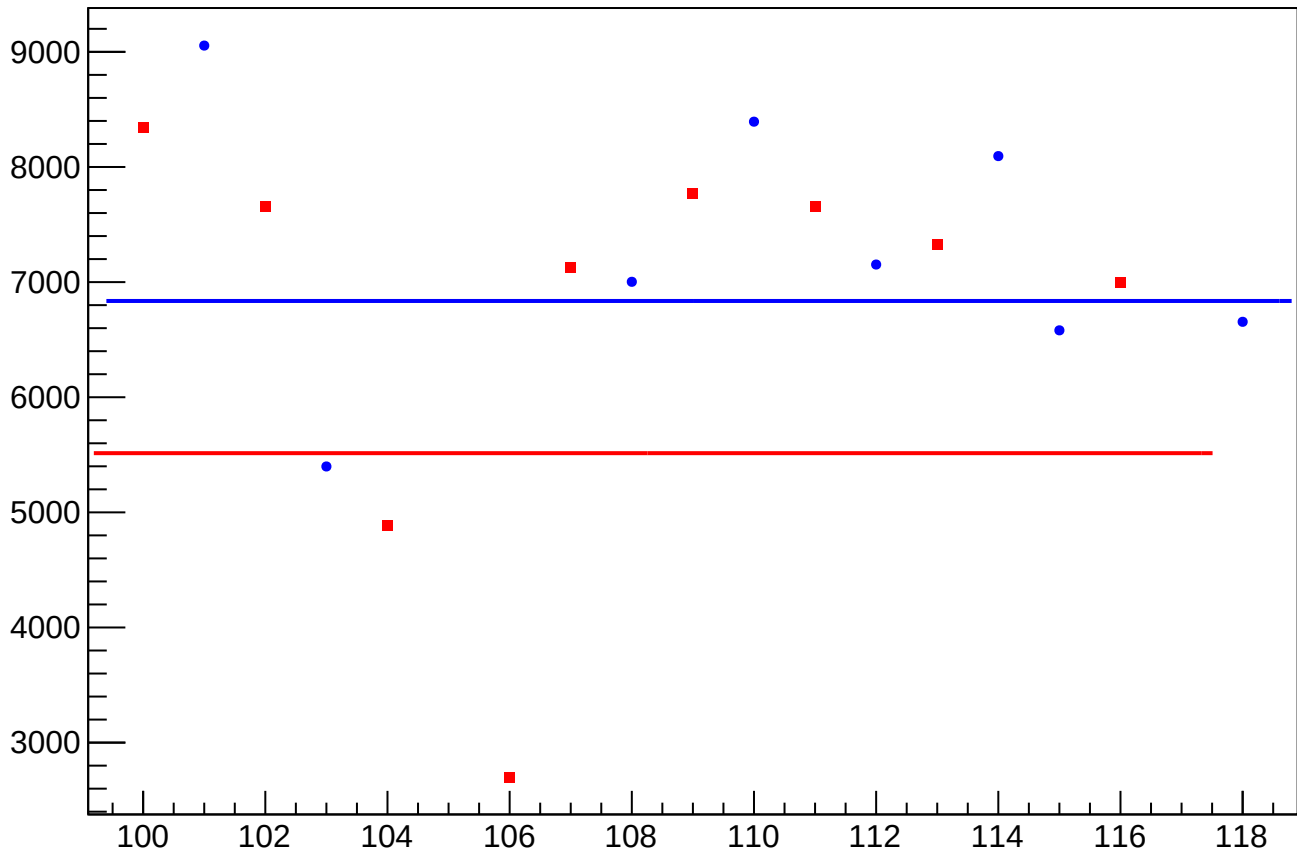
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -892.390+/-2460.444 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 6836.216 $\pm$ 2.693 χ^2 /NDF: 199037.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5514.201 $\pm$ 2.279 χ^2 /NDF: 839141.5/8

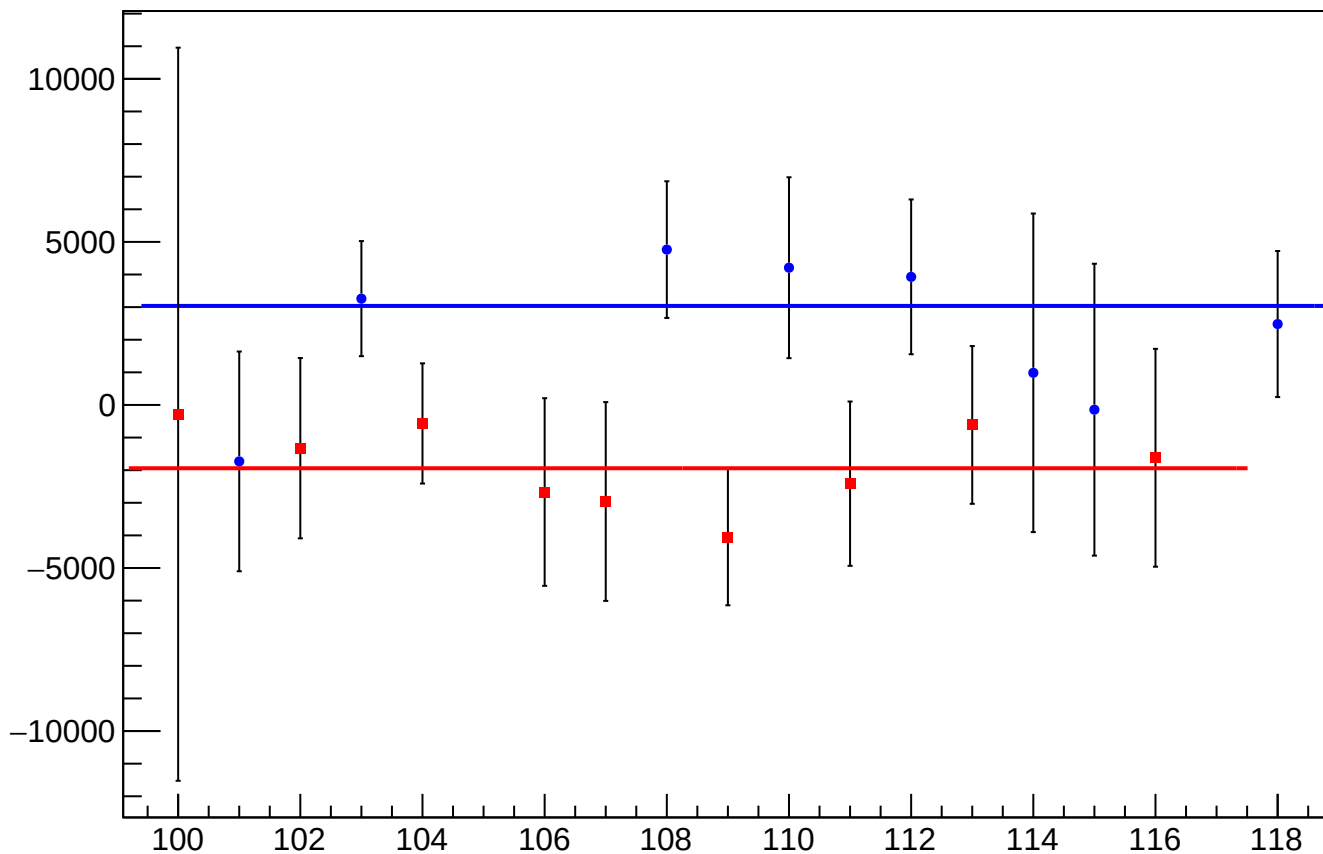
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6065.901 $\pm$ 1.740 χ^2 /NDF: 1178580.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_mean vs Slug



Right In: 3036.842 $\pm$ 899.614 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1941.057 $\pm$ 874.367 χ^2 /NDF: 2.2/8

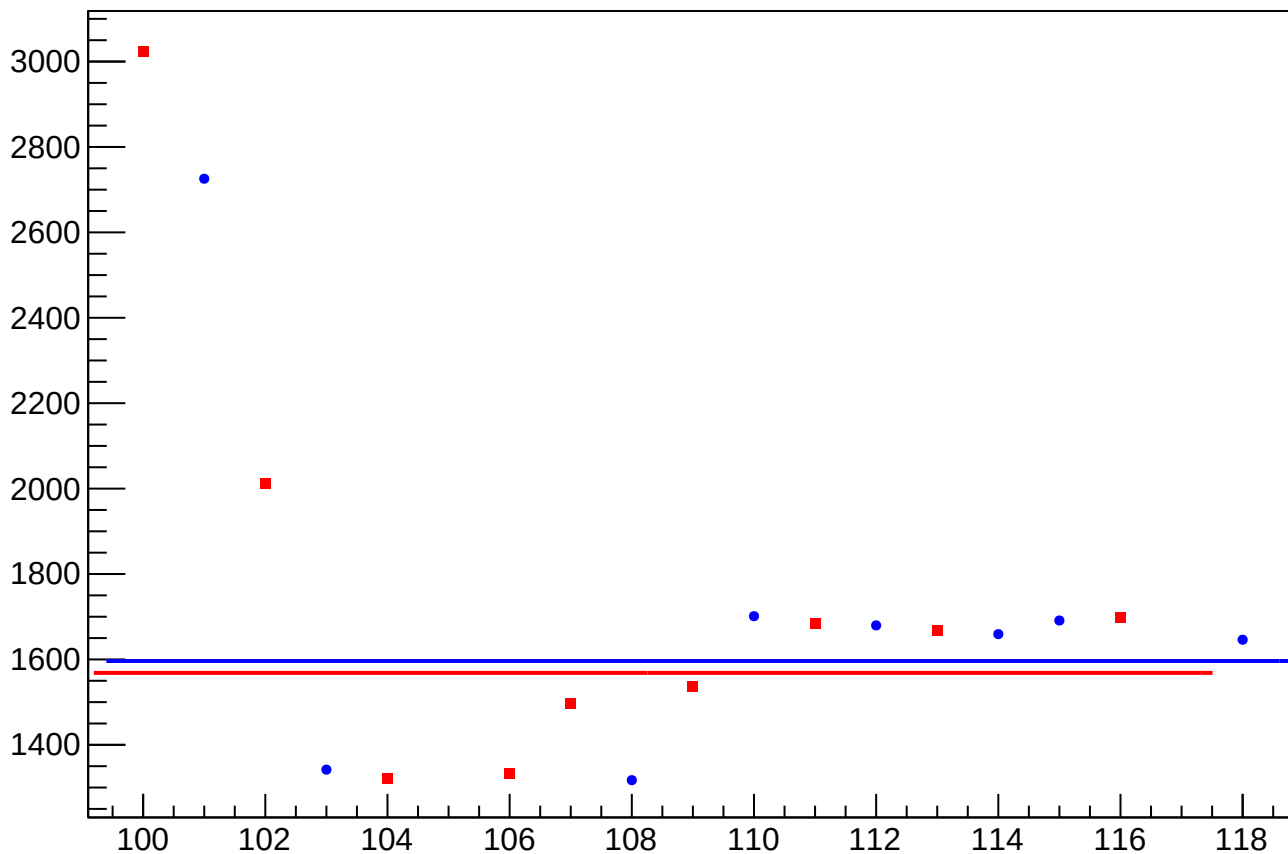
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 477.061 $\pm$ 627.006 χ^2 /NDF: 21.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_rms vs Slug



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: 1568.541+/-0.618 χ^2/NDF : 147047.0/8

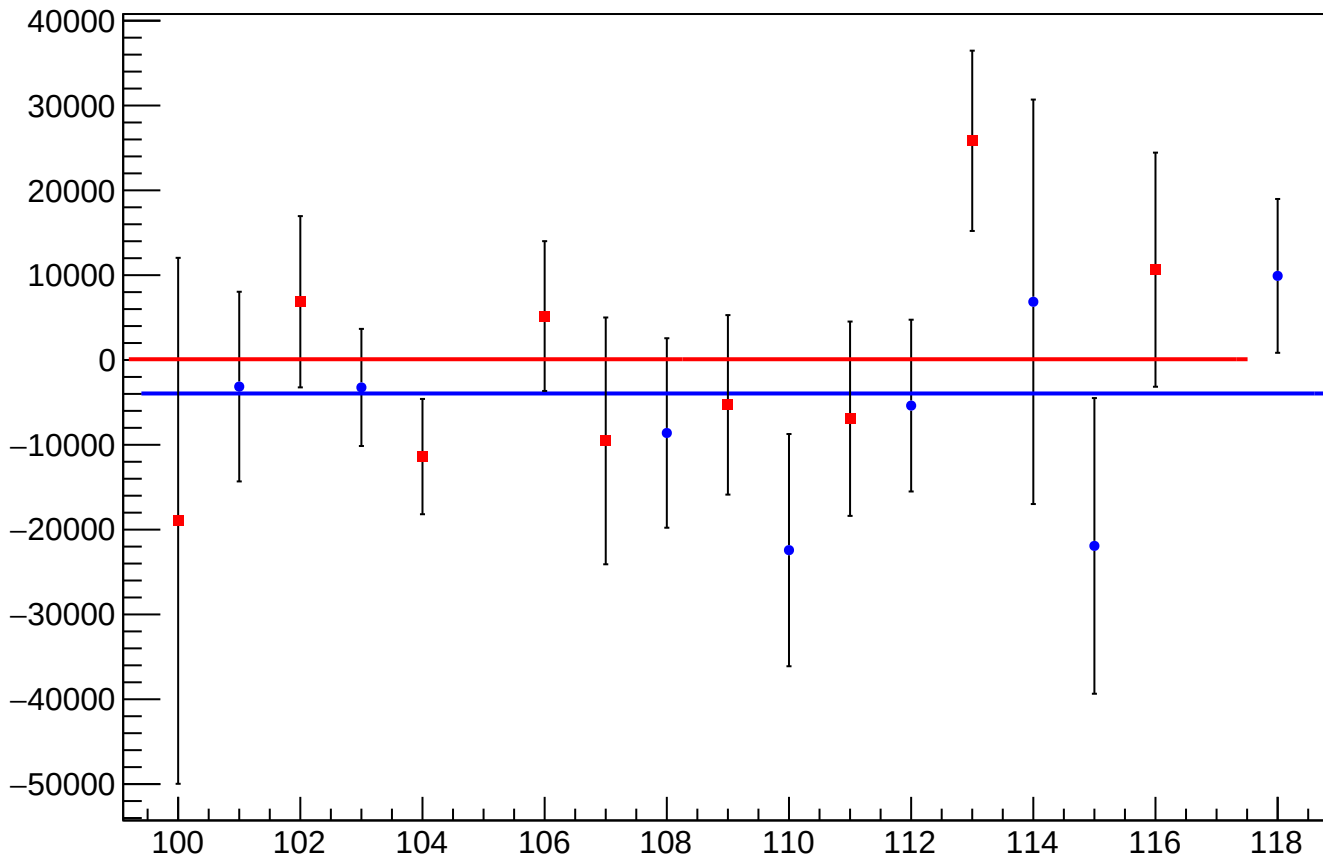
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1582.057+/-0.443 χ^2/NDF : 457319.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



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: 87.809+/-3520.106 χ^2/NDF : 11.5/8

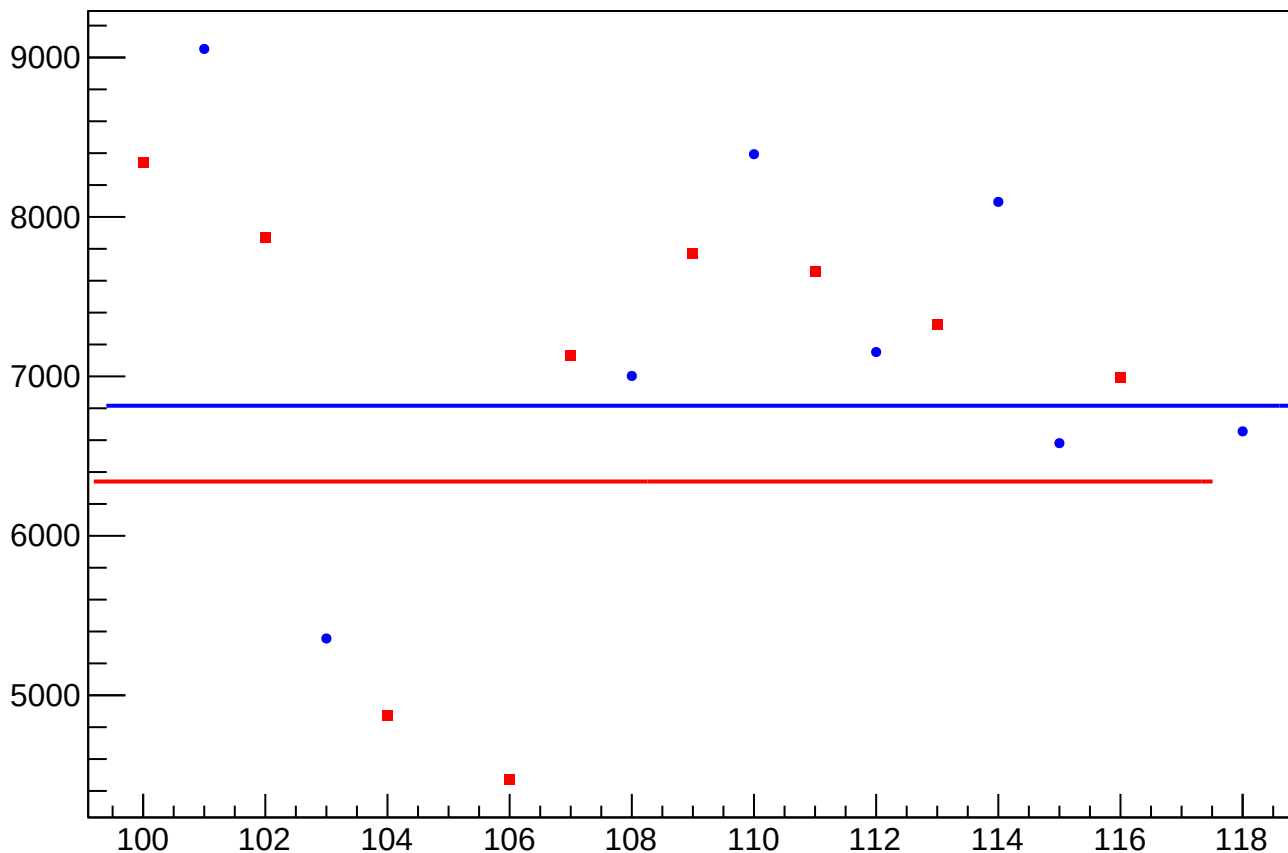
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1776.929+/-2582.047 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6815.997 $\pm$ 2.686 χ^2 /NDF: 205578.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6340.788 $\pm$ 2.489 χ^2 /NDF: 327916.4/8

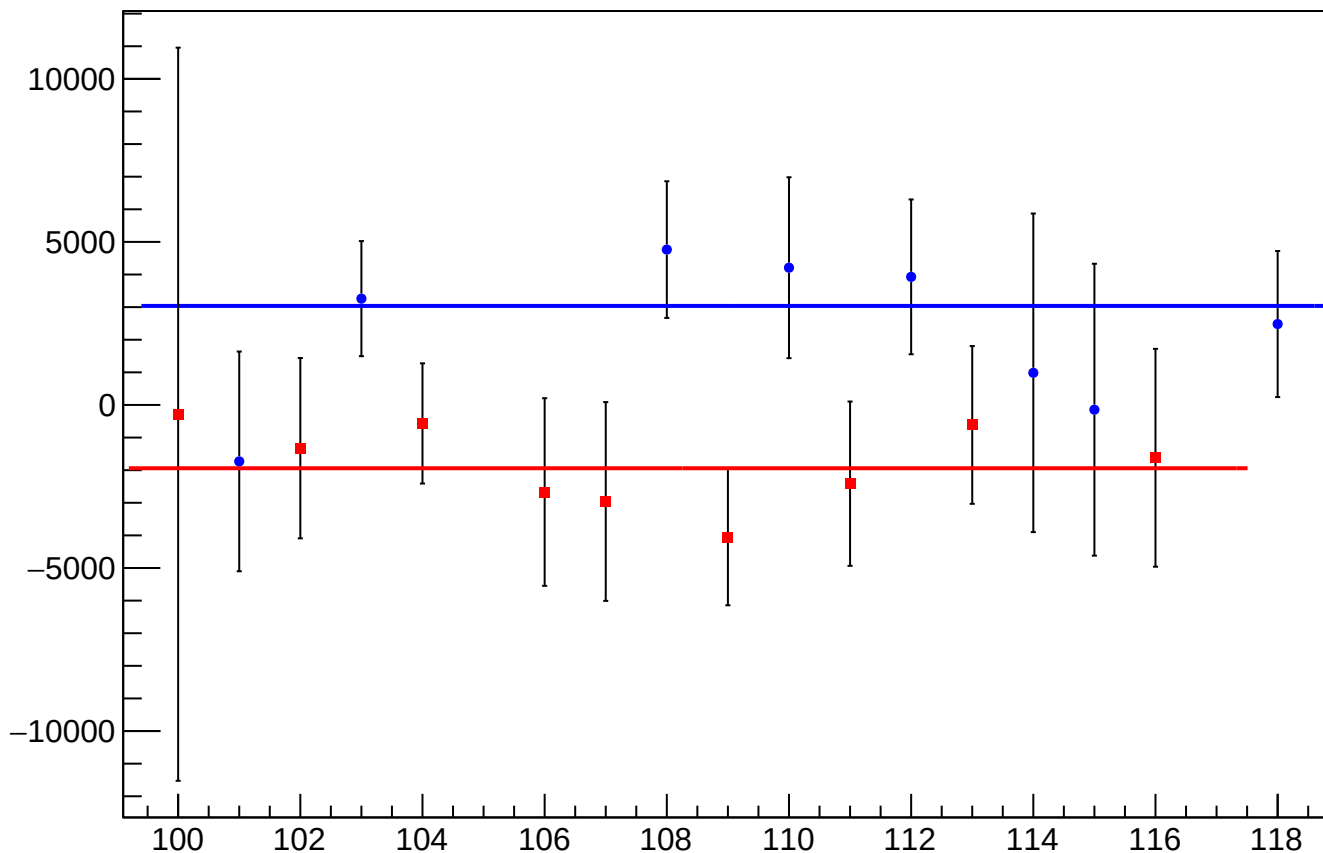
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6560.314 $\pm$ 1.826 χ^2 /NDF: 550333.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3036.842 $\pm$ 899.614 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1941.057 $\pm$ 874.367 χ^2 /NDF: 2.2/8

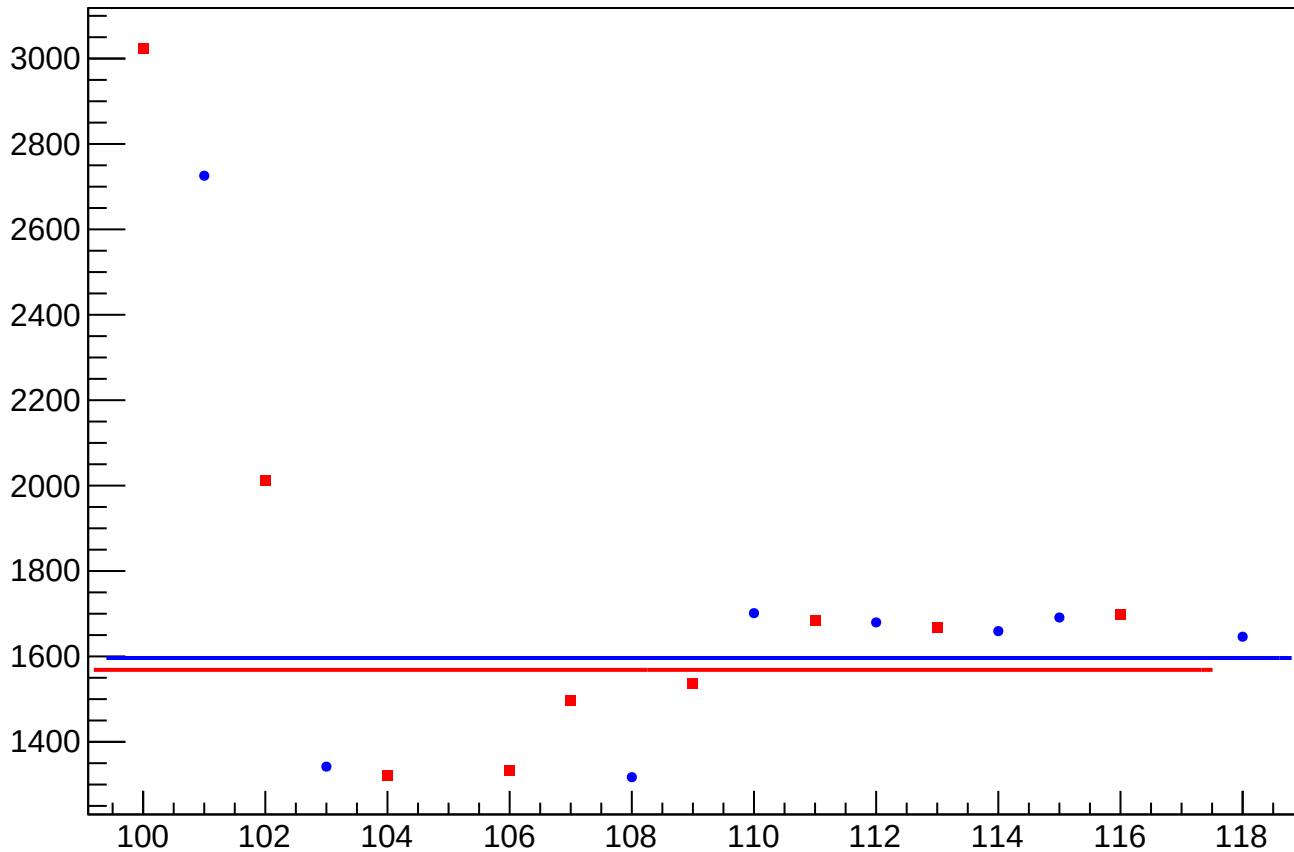
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 477.061 $\pm$ 627.006 χ^2 /NDF: 21.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1596.365+/-0.636 χ^2/NDF : 309289.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

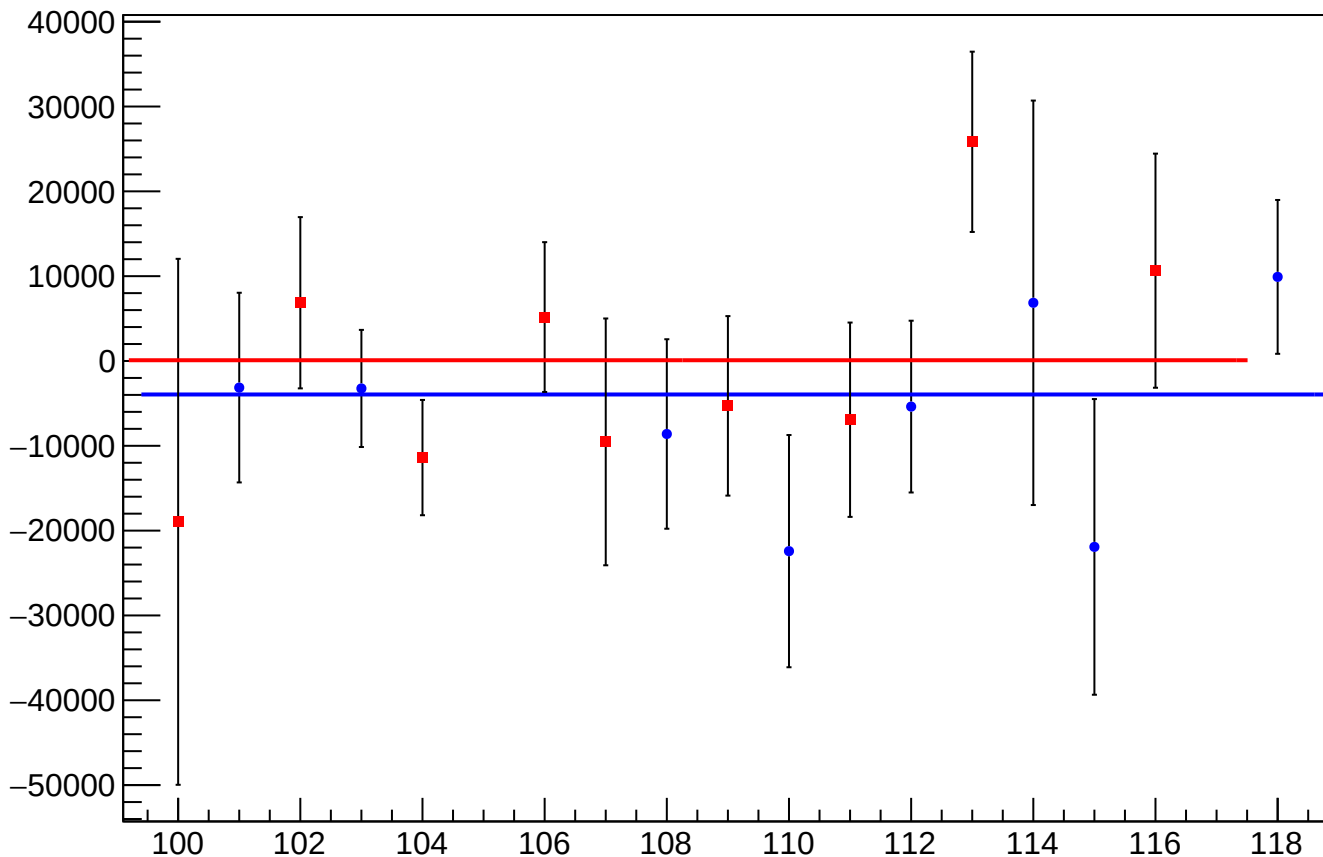
Right Out: 1568.541+/-0.618 χ^2/NDF : 147047.0/8

All: 1582.057+/-0.443 χ^2/NDF : 457319.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



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: 87.809+/-3520.106 χ^2 /NDF: 11.5/8

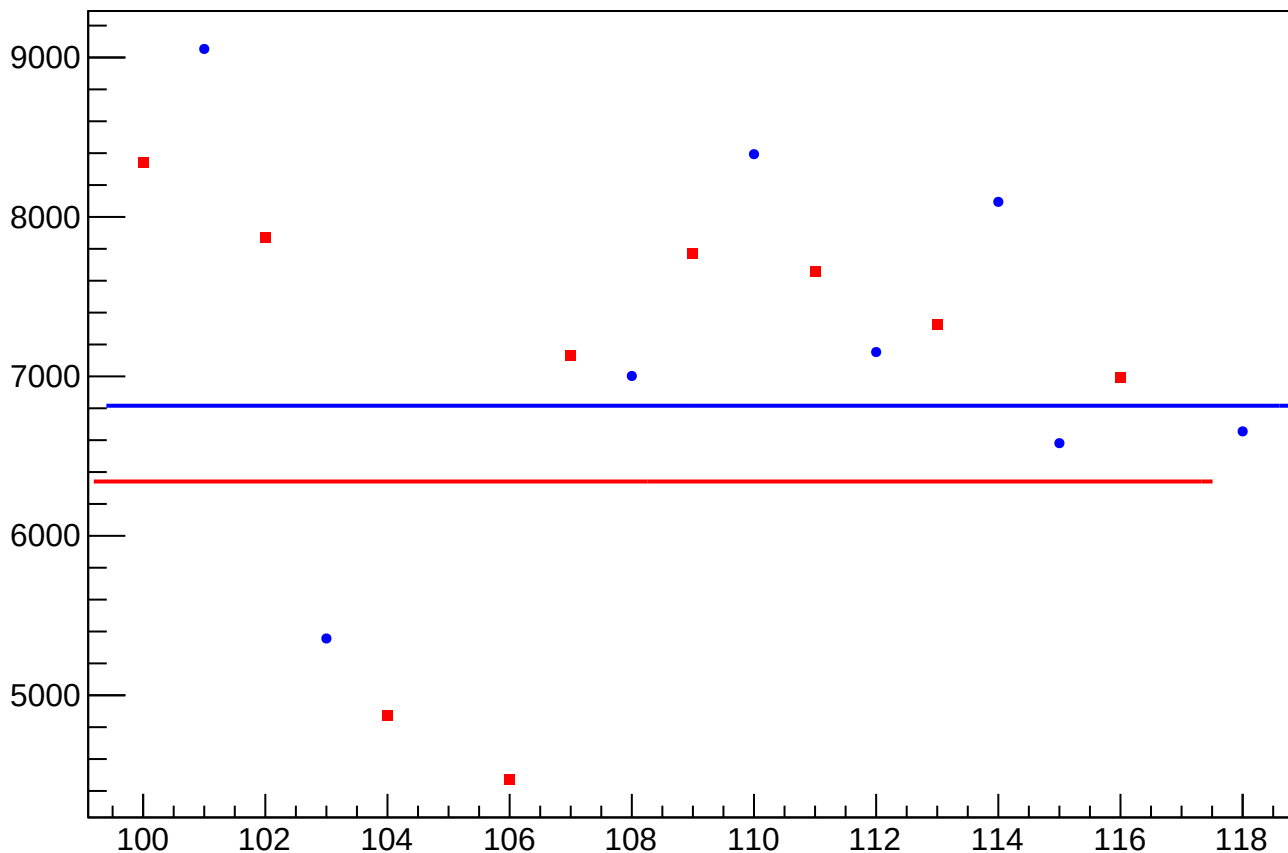
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1776.929+/-2582.047 χ^2 /NDF: 17.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6815.997 $\pm$ 2.686 χ^2 /NDF: 205578.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6340.788 $\pm$ 2.489 χ^2 /NDF: 327916.4/8

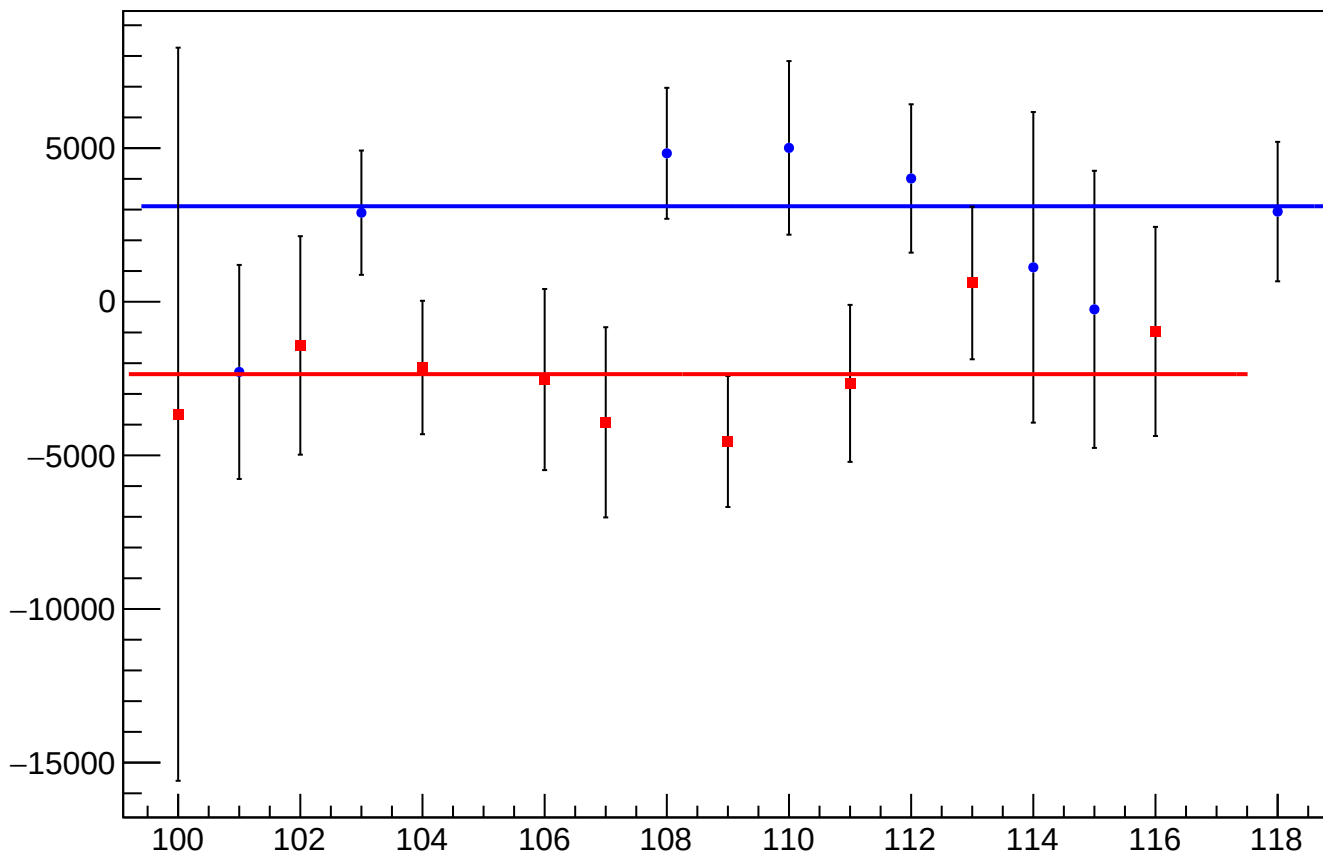
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6560.314 $\pm$ 1.826 χ^2 /NDF: 550333.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_mean vs Slug



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: -2356.416+/-936.809 χ^2/NDF : 3.0/8

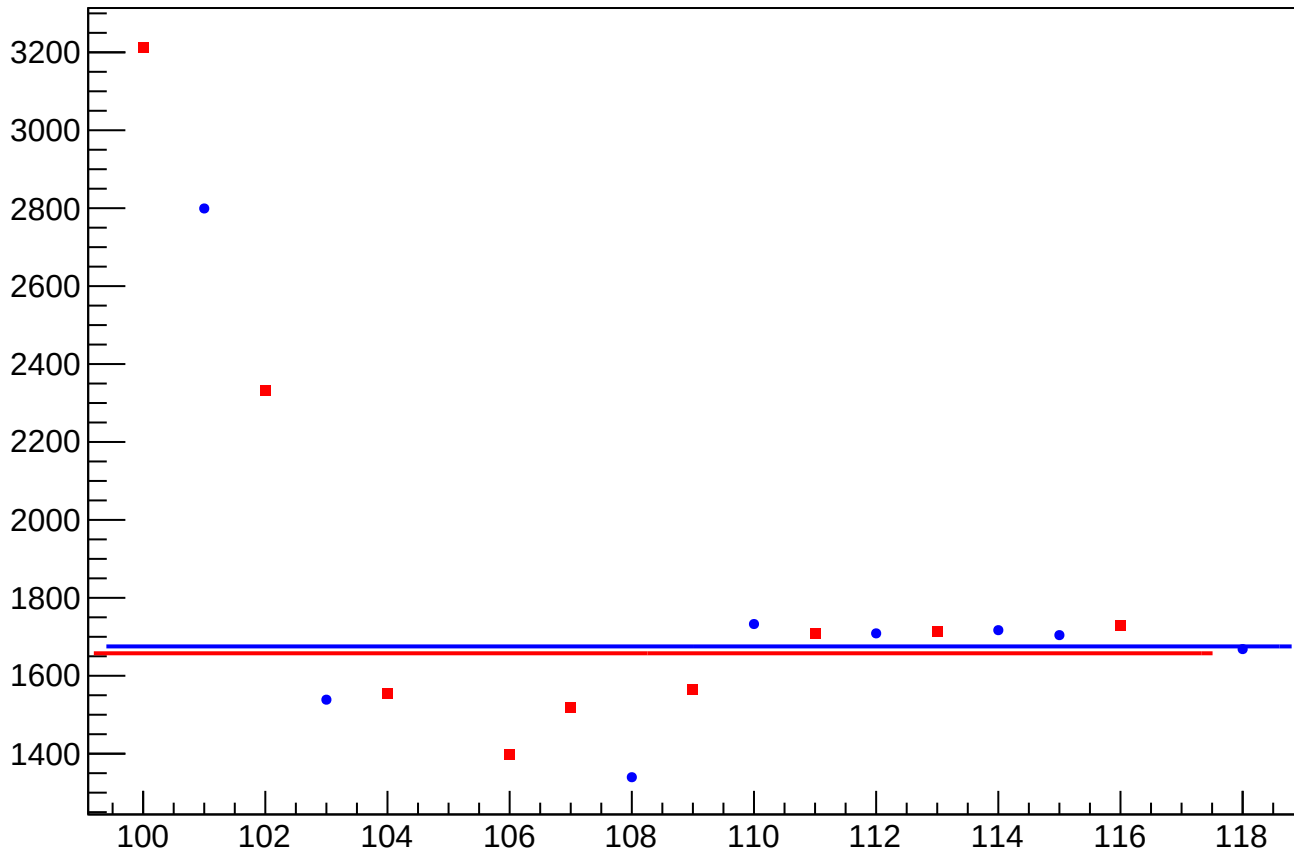
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.021+/-664.380 χ^2/NDF : 24.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1675.322 $\pm$ 0.666 χ^2 /NDF: 268393.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1657.687 $\pm$ 0.662 χ^2 /NDF: 136434.0/8

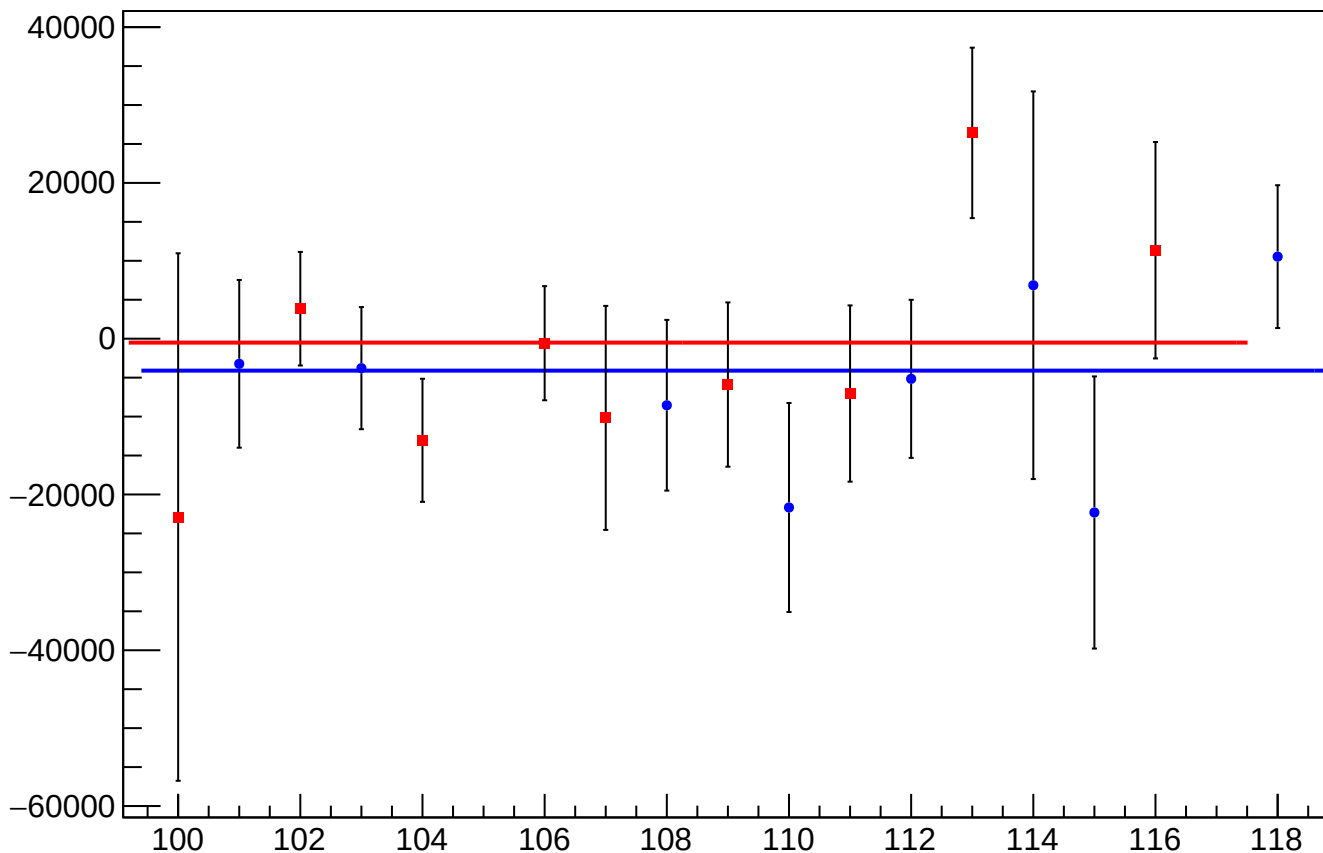
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1666.446 $\pm$ 0.470 χ^2 /NDF: 405179.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



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: -502.098+/-3342.819 χ^2/NDF : 11.1/8

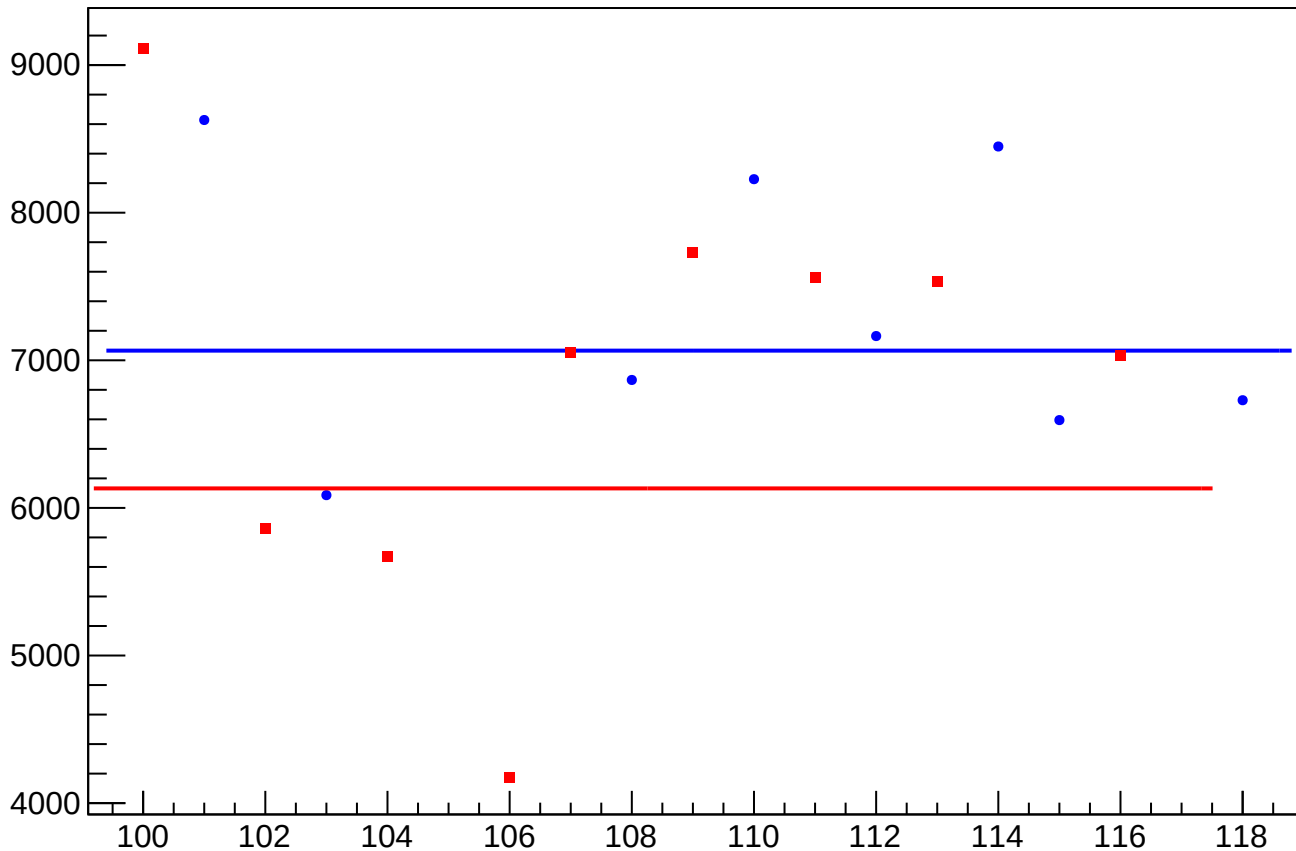
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2020.013+/-2541.903 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



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: 6132.136+/-2.364 χ^2/NDF : 294909.3/8

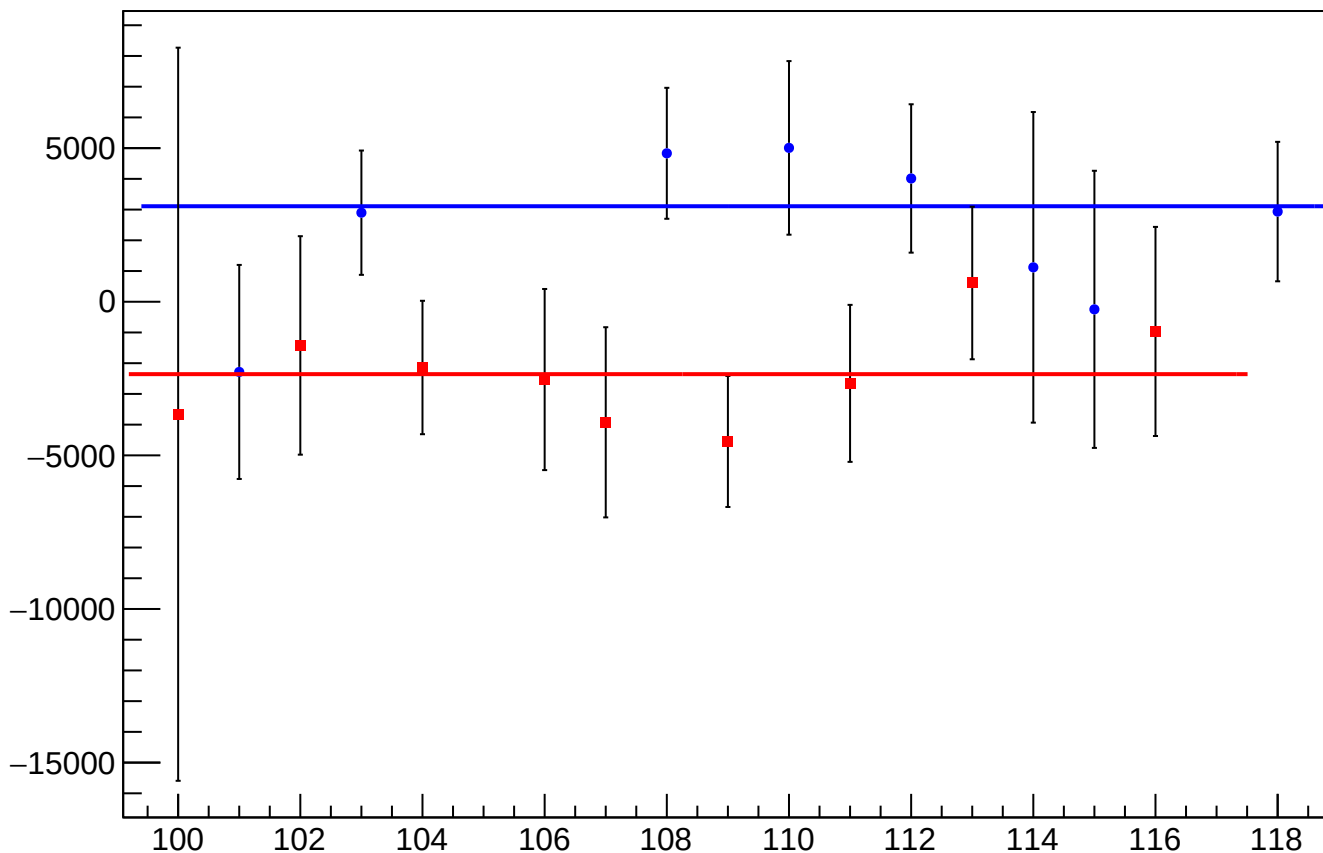
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6525.825+/-1.797 χ^2/NDF : 460141.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3108.775 $\pm$ 942.364 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -2356.426 $\pm$ -936.809 χ^2 /NDF: 3.0/8

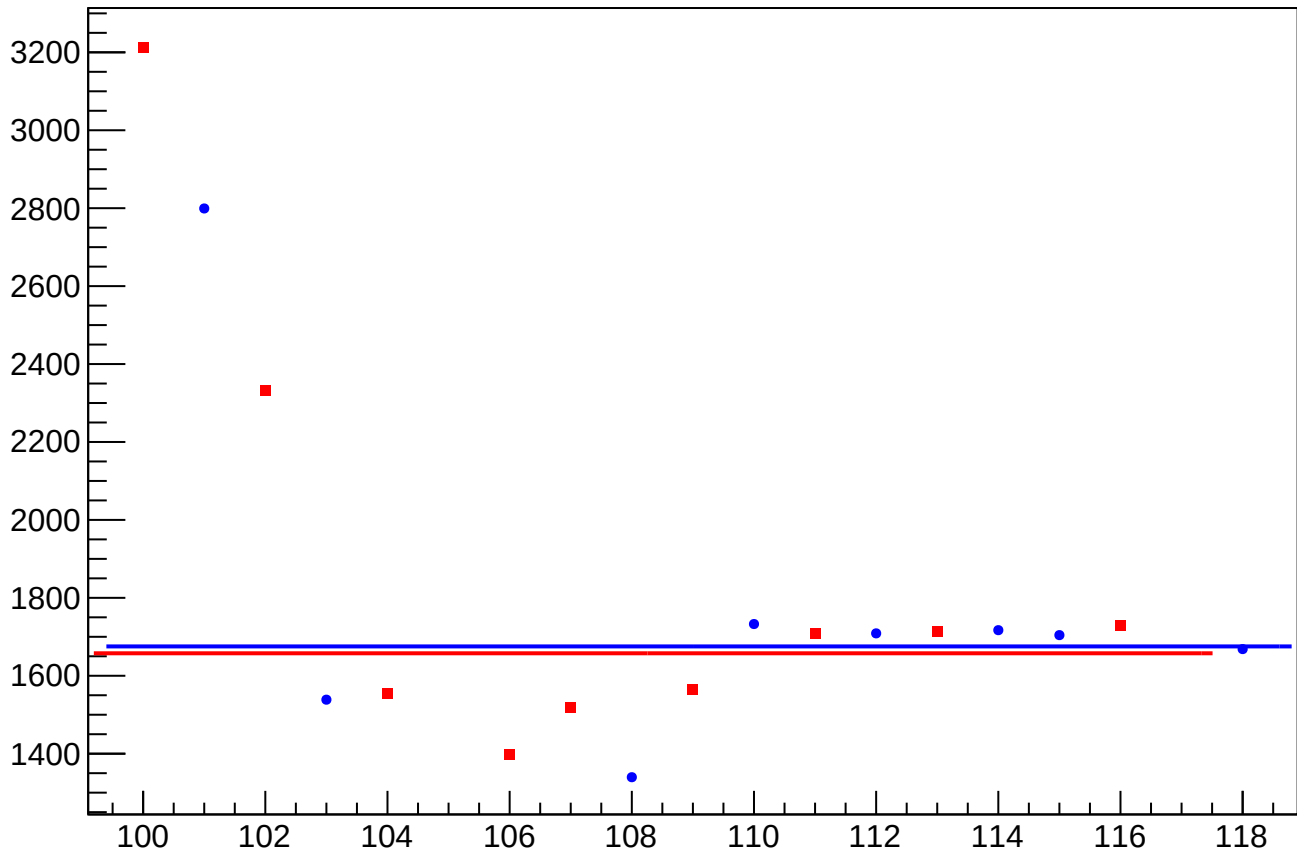
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 360.019 $\pm$ -664.379 χ^2 /NDF: 24.3/16

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



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: 1657.687+/-0.662 χ^2/NDF : 136433.8/8

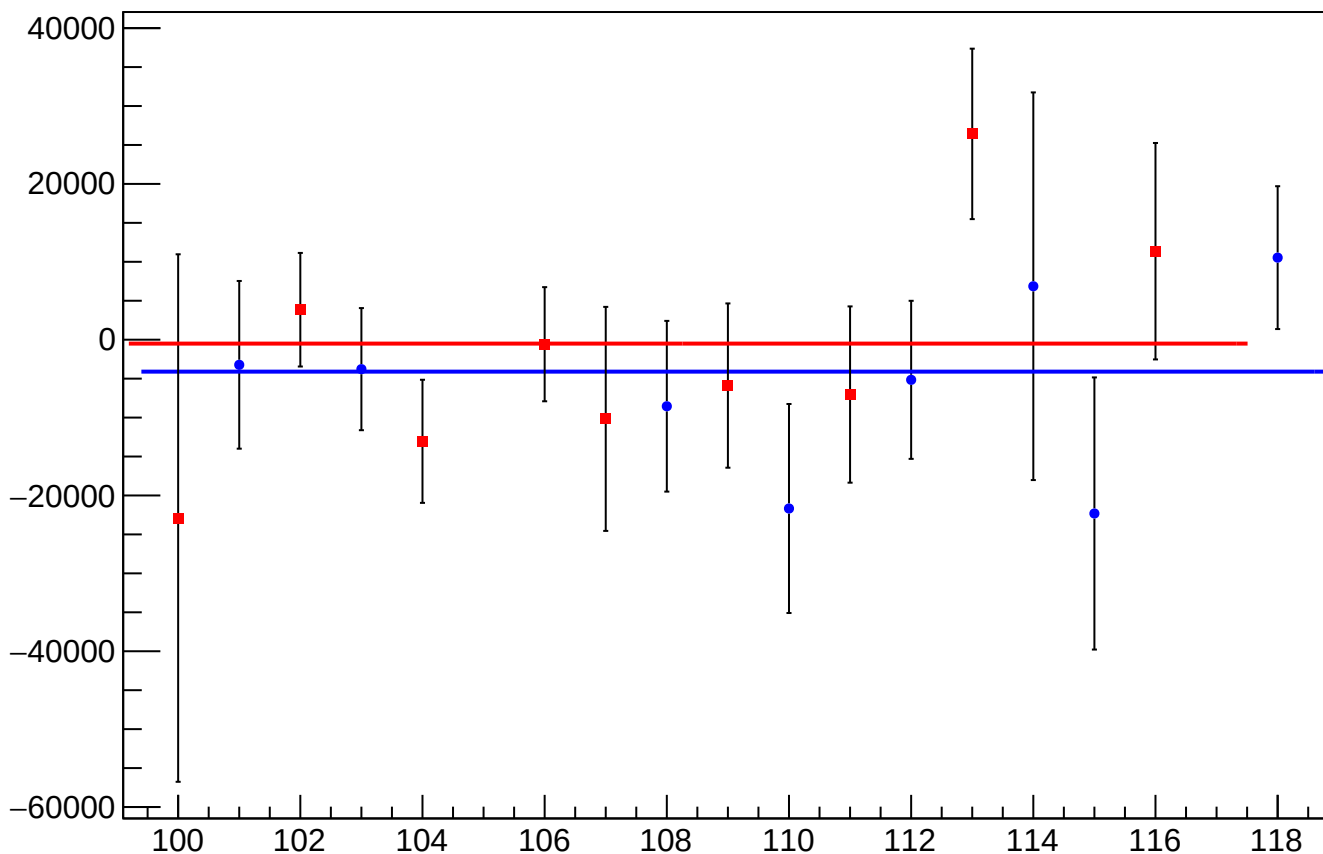
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.445+/-0.470 χ^2/NDF : 405179.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -4100.905 $\pm$ 3913.943 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -502.105 $\pm$ 3342.813 χ^2 /NDF: 11.1/8

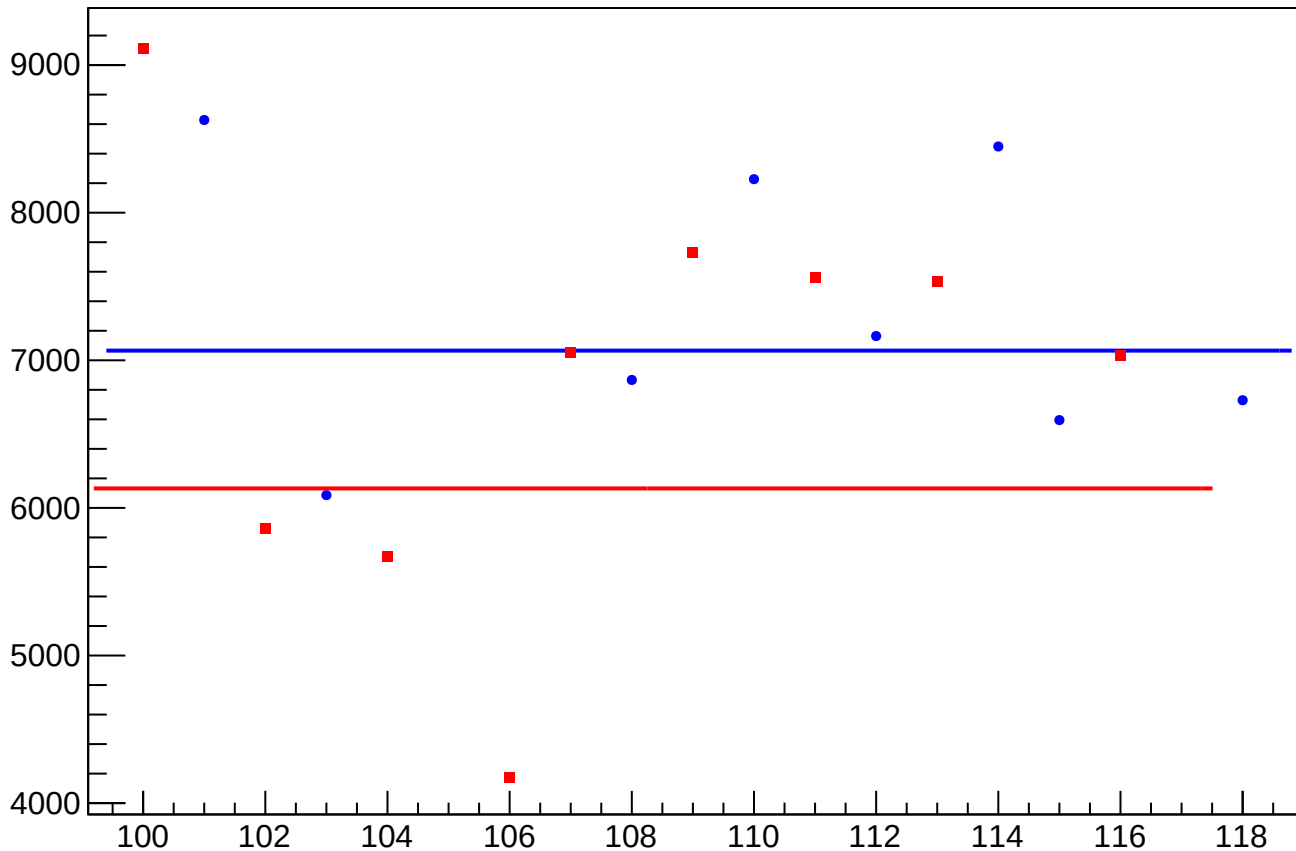
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2020.011 $\pm$ 2541.898 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



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: 6132.126+/-2.364 χ^2/NDF : 294908.8/8

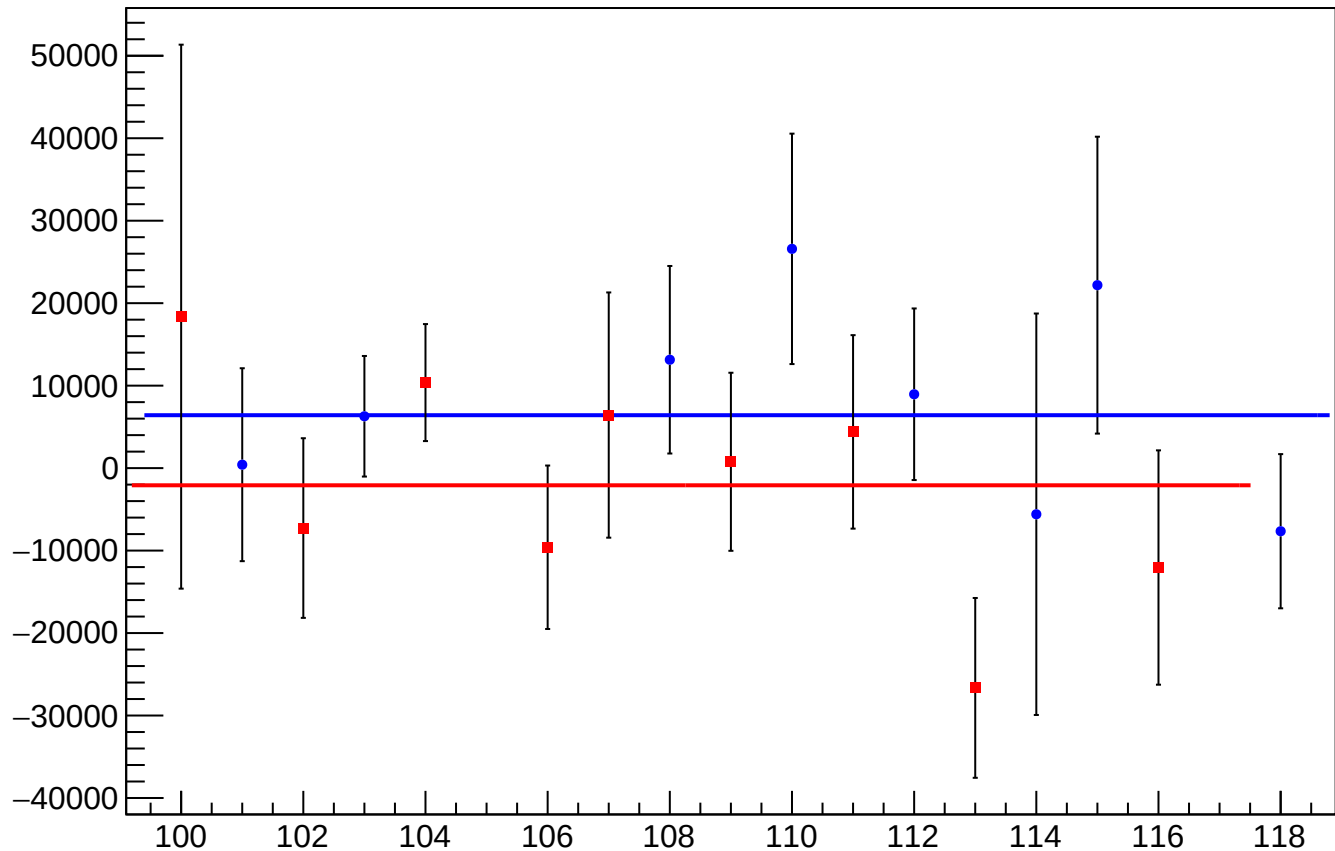
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6525.814+/-1.797 χ^2/NDF : 460140.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



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: -2082.796+/-3697.548 χ^2/NDF : 10.5/8

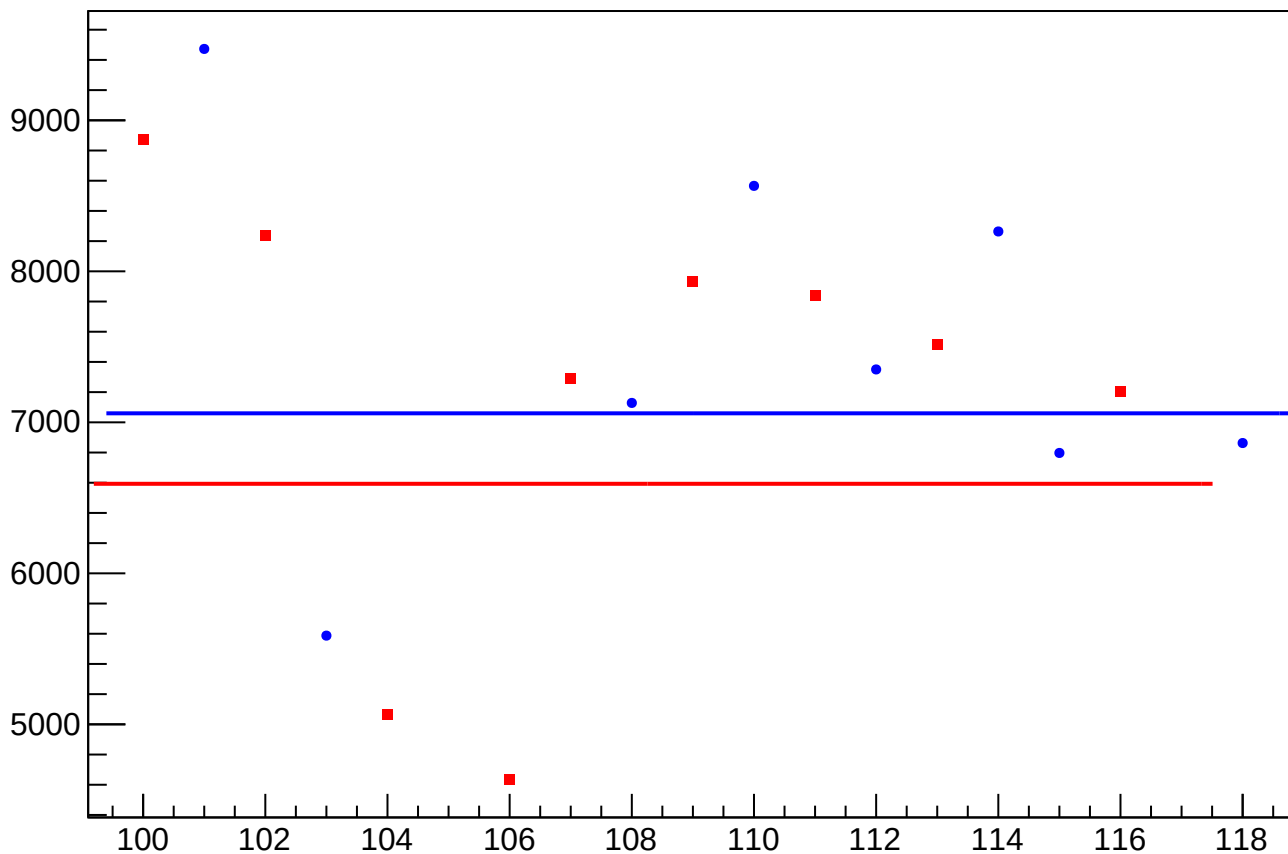
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1894.532+/-2697.013 χ^2/NDF : 19.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7059.655 $\pm$ 2.788 χ^2 /NDF: 197326.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6592.949 $\pm$ 2.614 χ^2 /NDF: 302131.8/8

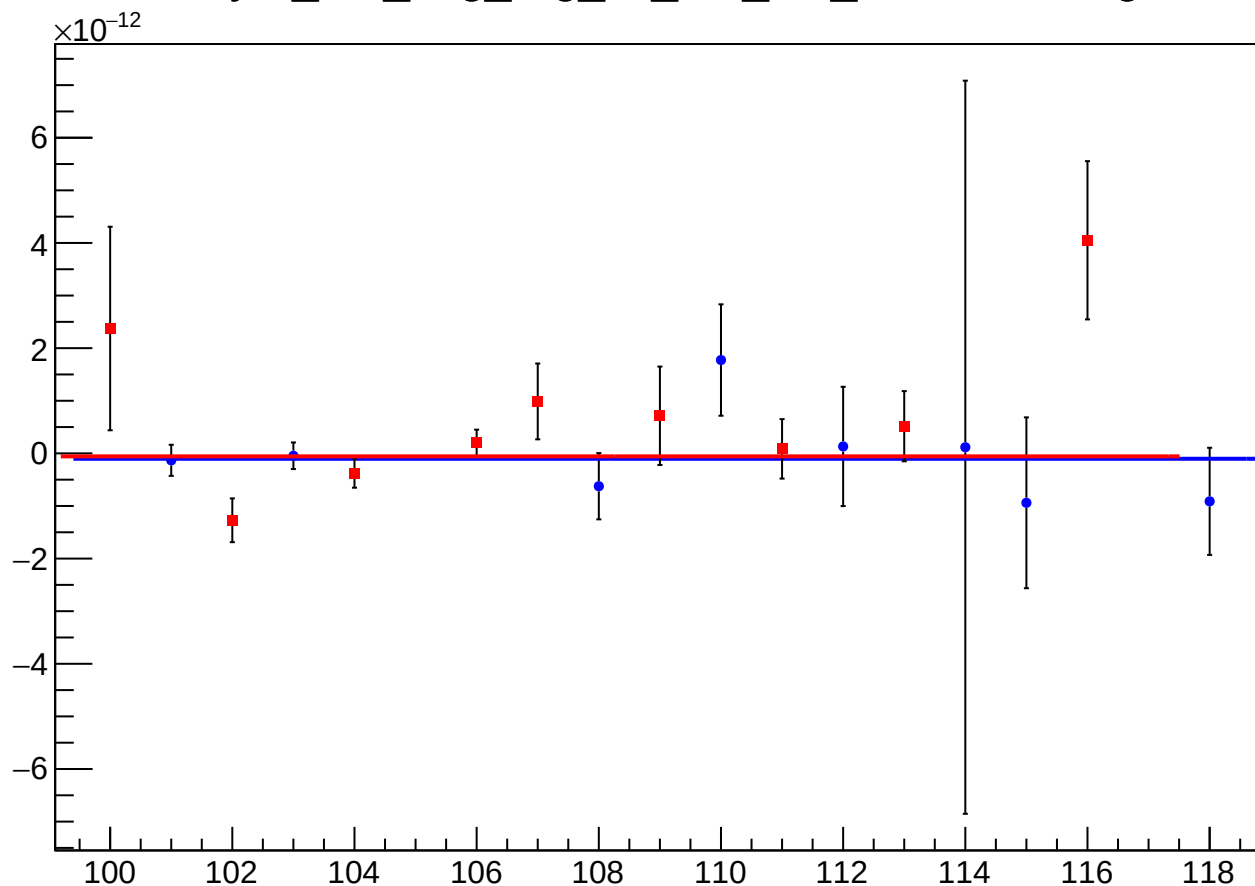
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6811.325 $\pm$ 1.907 χ^2 /NDF: 514371.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



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 : 23.5/8

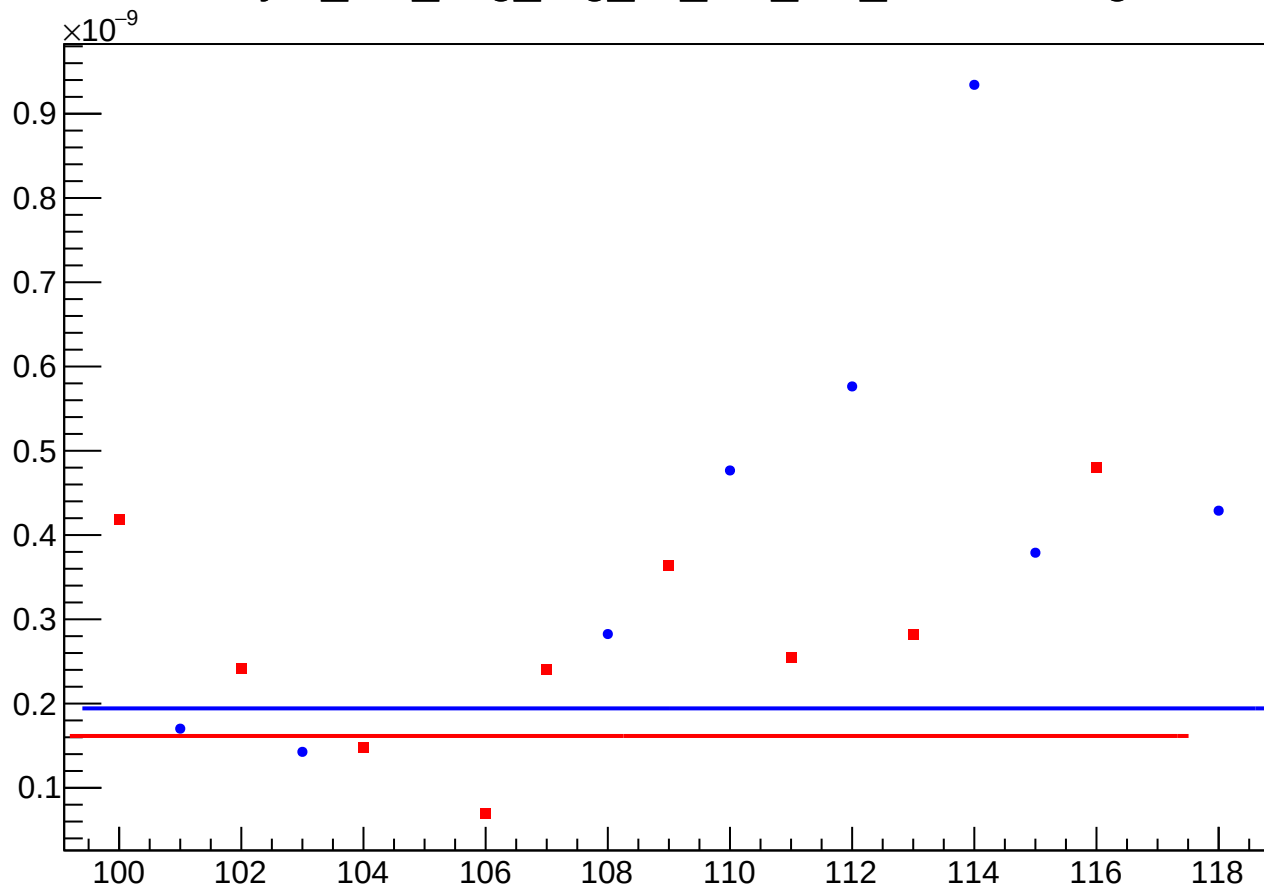
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_rms vs Slug



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 : 706657.8/8

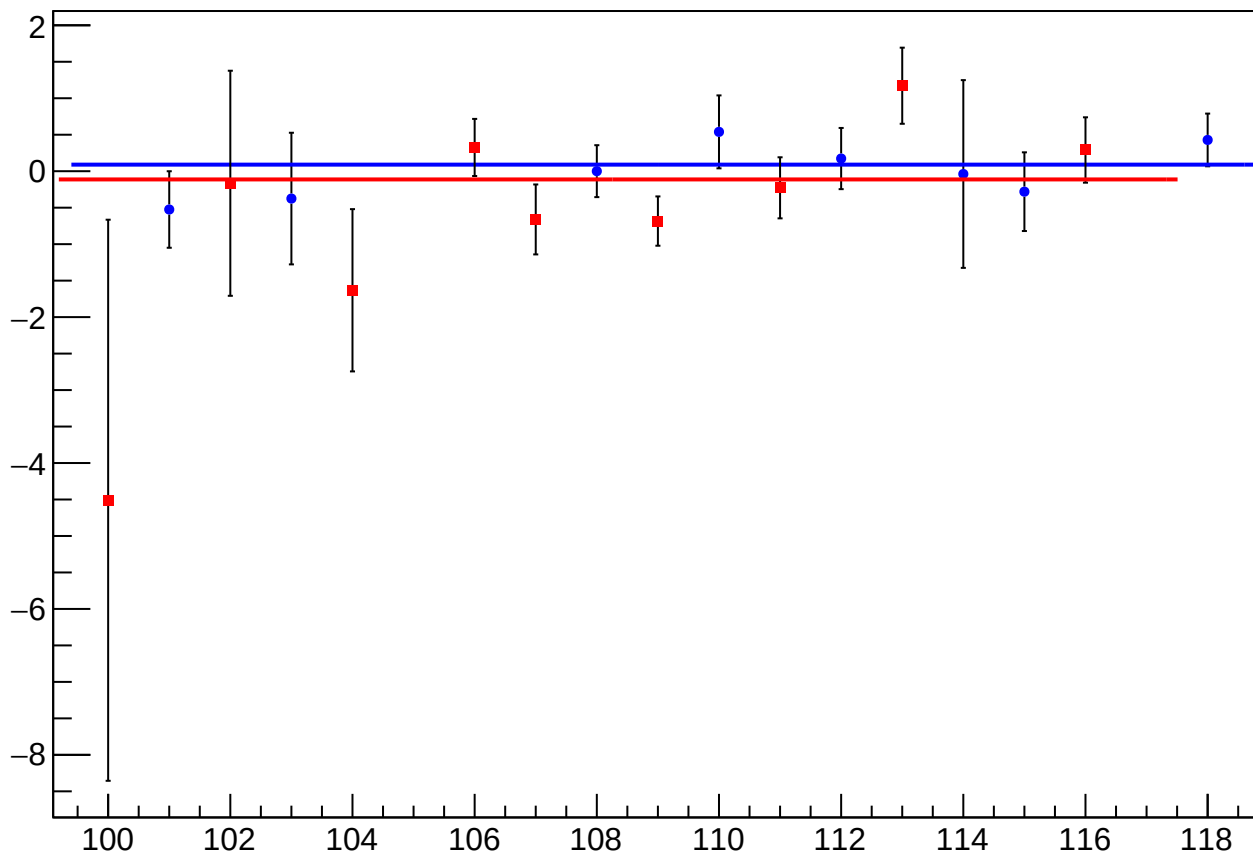
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1406479.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



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: -0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

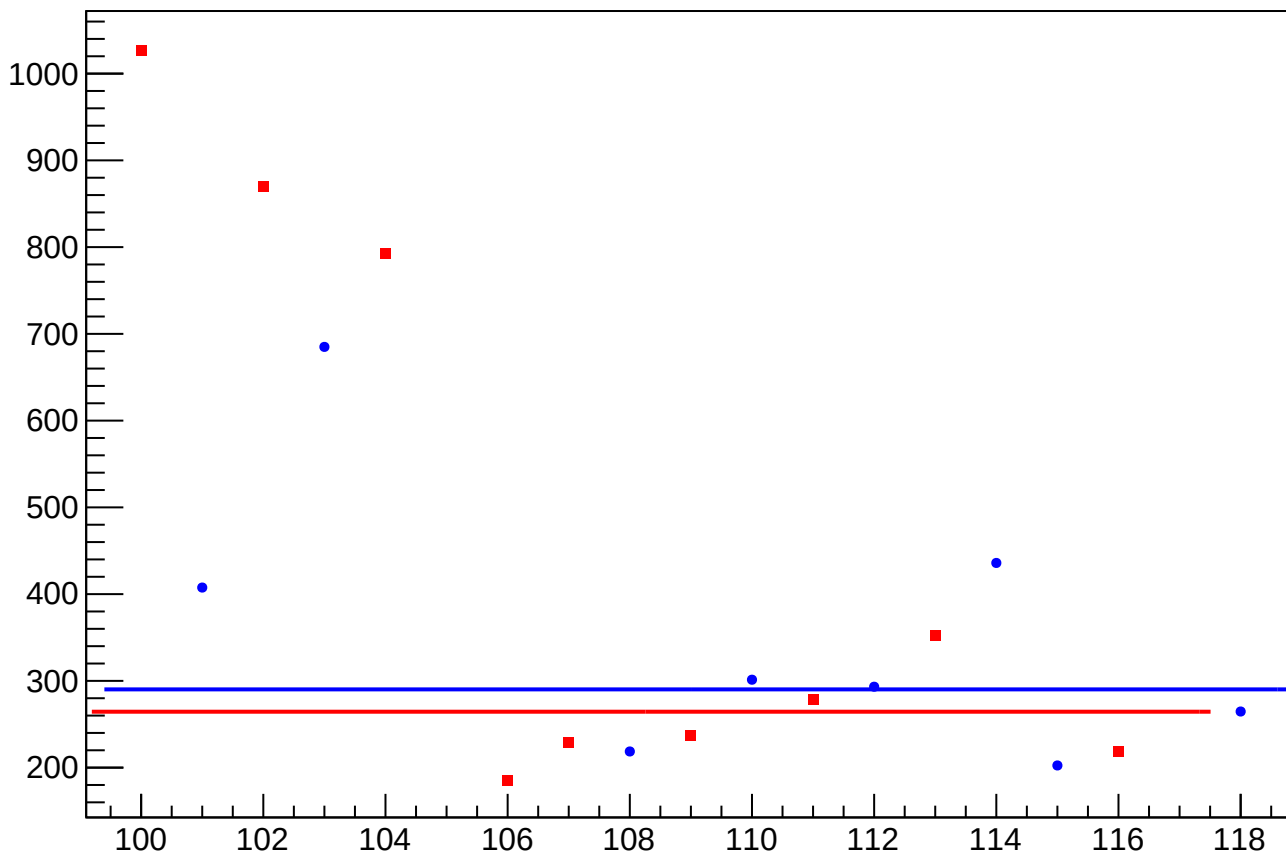
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.120 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



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: 264.463+/-0.119 χ^2/NDF : 1024398.5/8

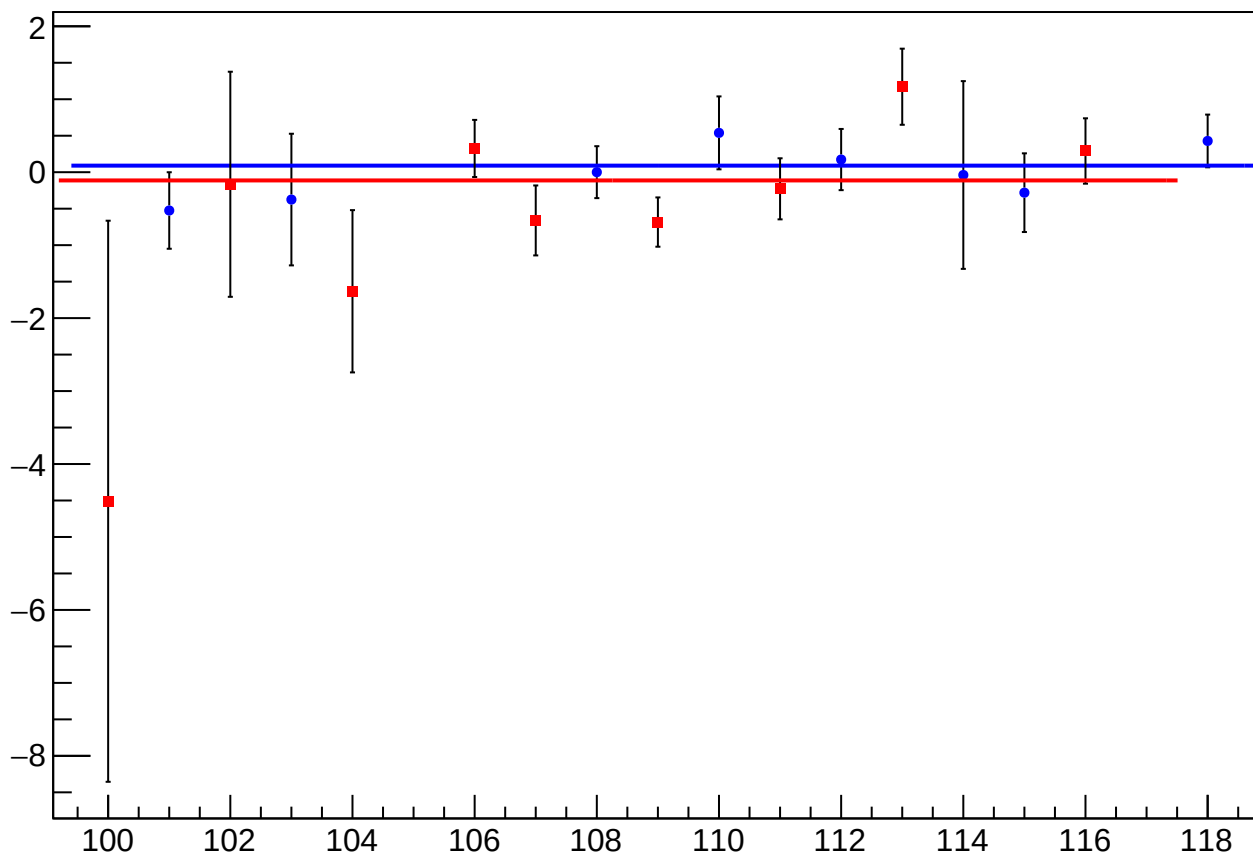
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.116+/-0.085 χ^2/NDF : 1701052.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

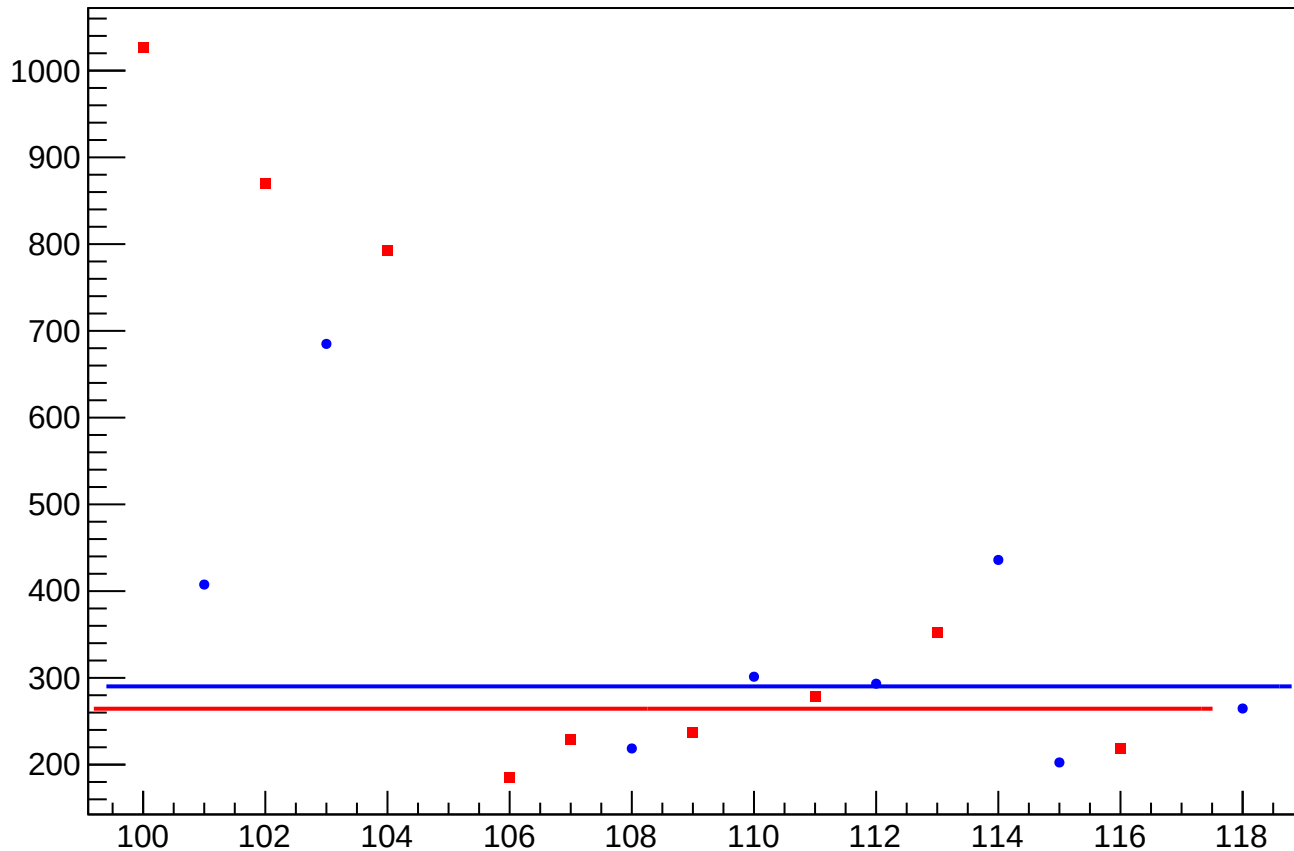
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.120 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 264.463+/-0.119 χ^2/NDF : 1024398.5/8

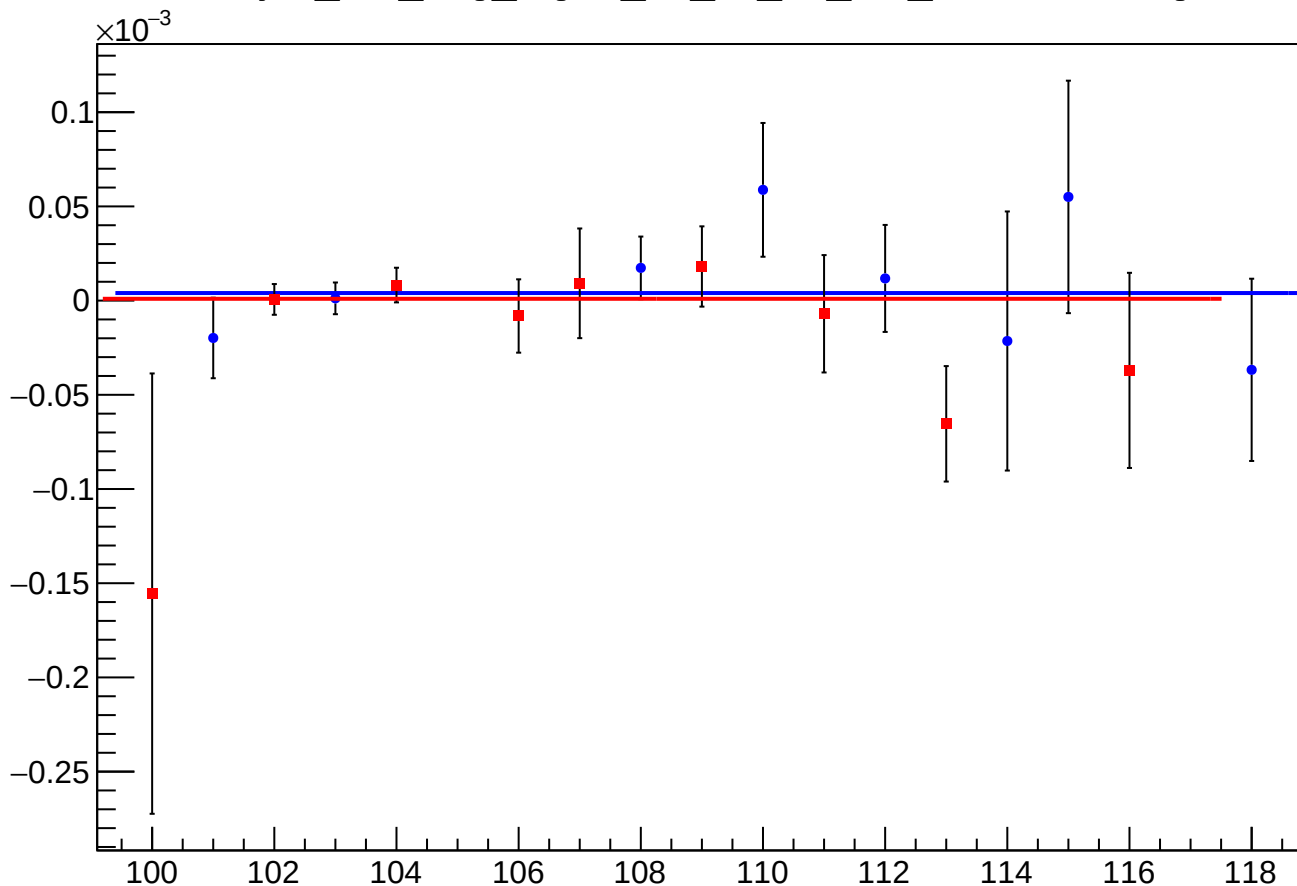
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.116+/-0.085 χ^2/NDF : 1701052.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 8.7/8

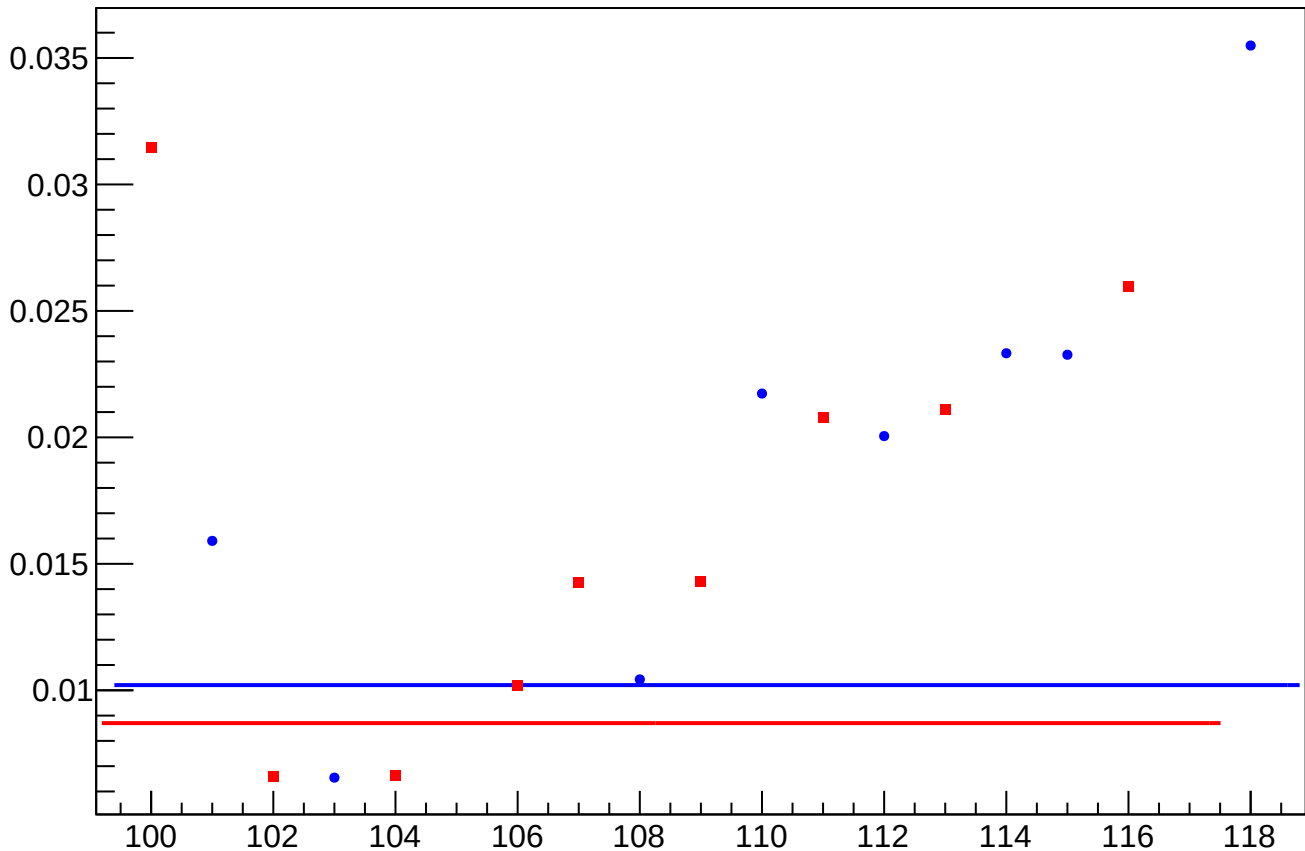
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1387668.5/8

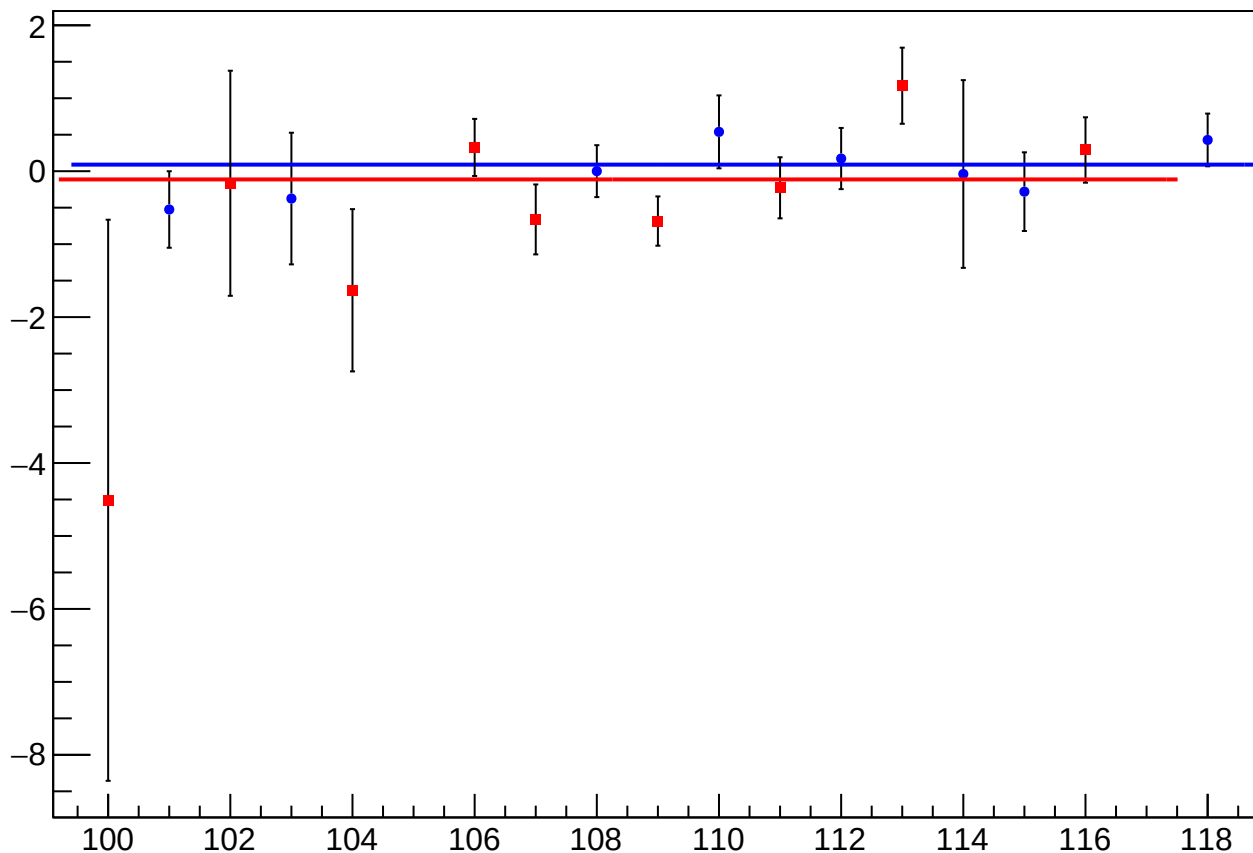
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 3131605.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

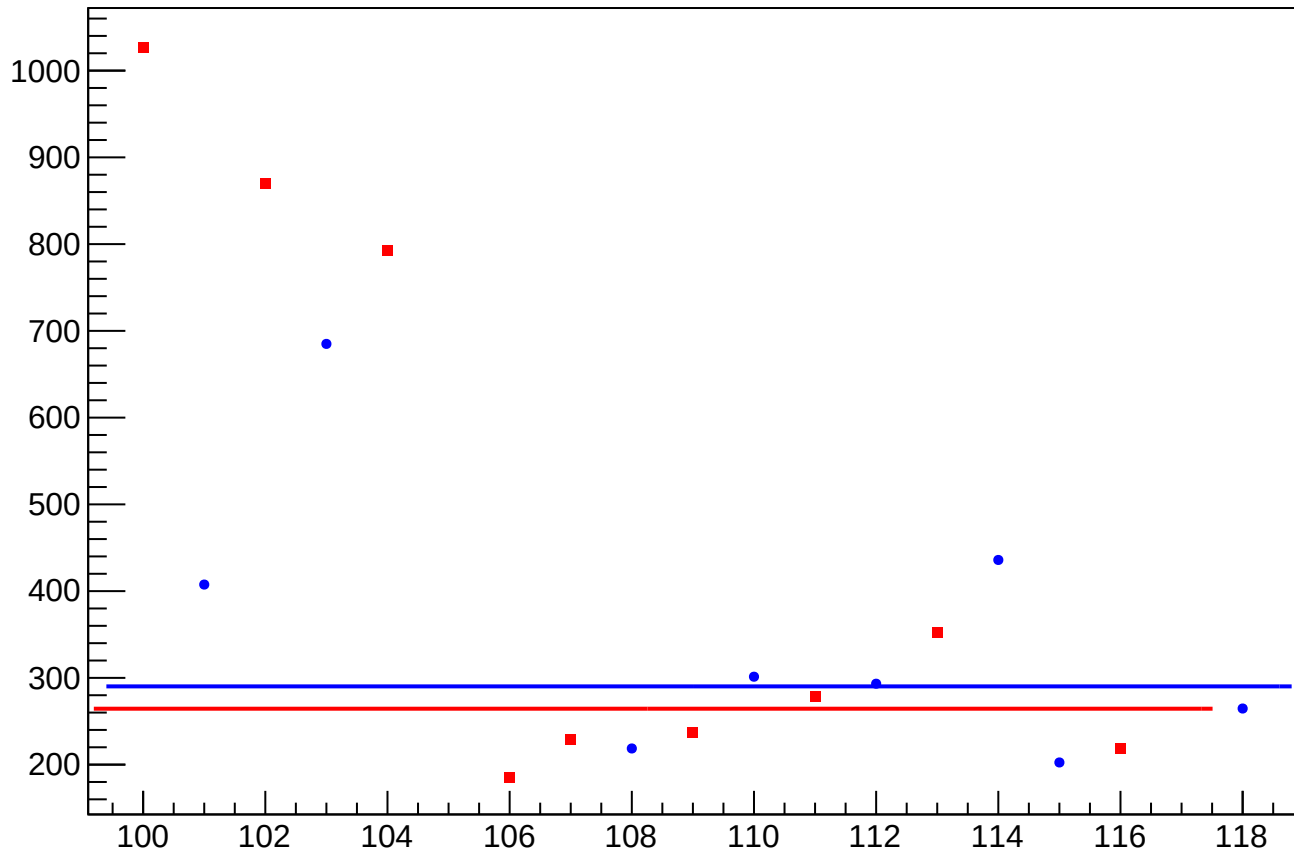
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.120 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 264.465+/-0.119 χ^2/NDF : 1024386.8/8

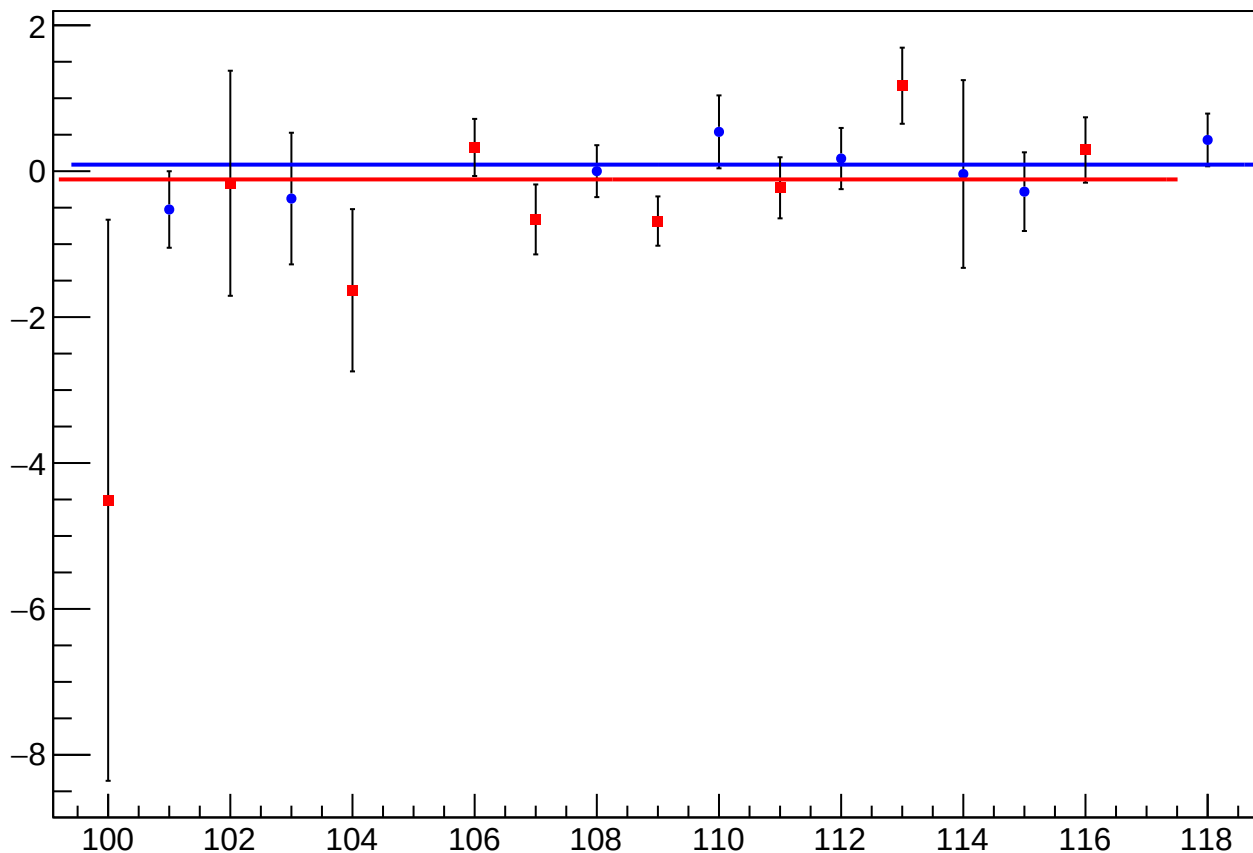
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.118+/-0.085 χ^2/NDF : 1701020.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.113 $\pm$ 0.168 χ^2 /NDF: 15.5/8

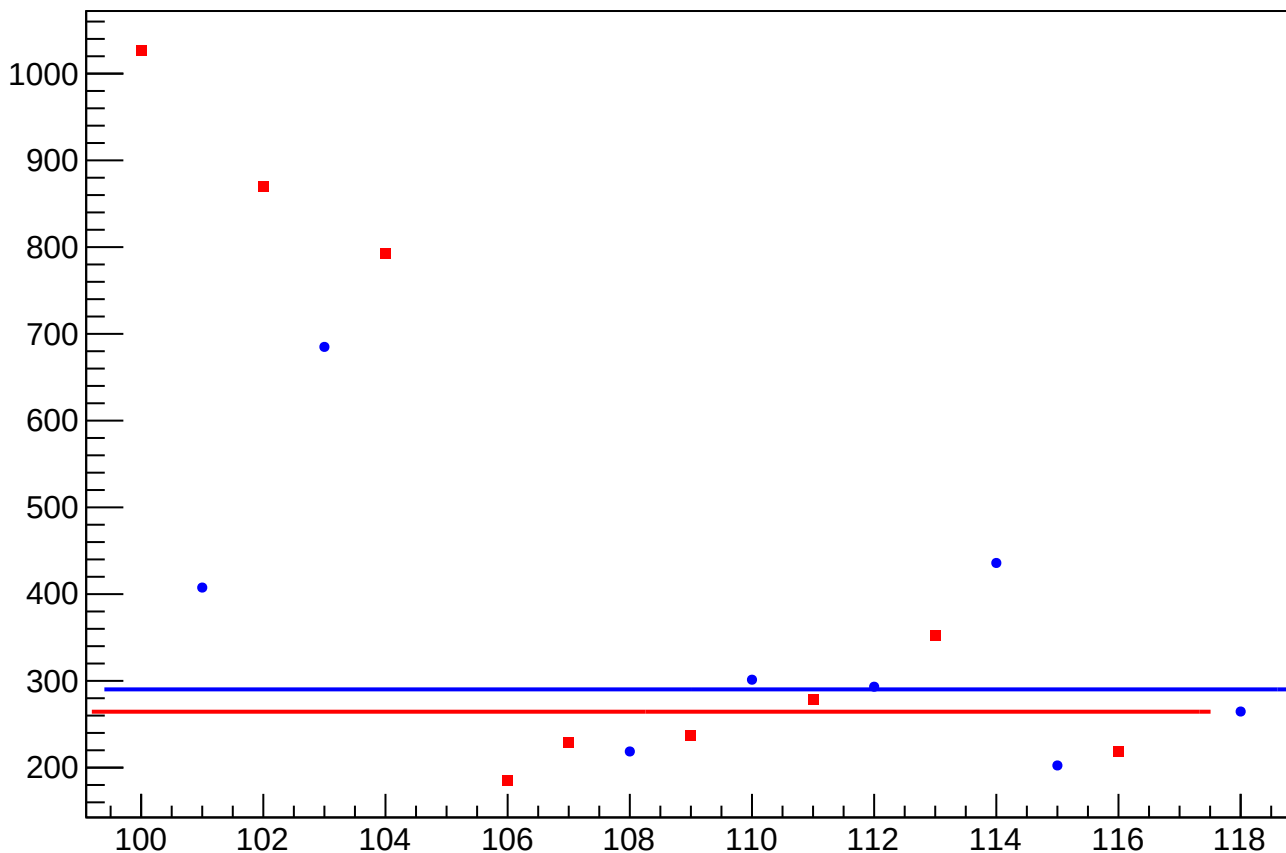
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.120 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 264.465+/-0.119 χ^2/NDF : 1024386.8/8

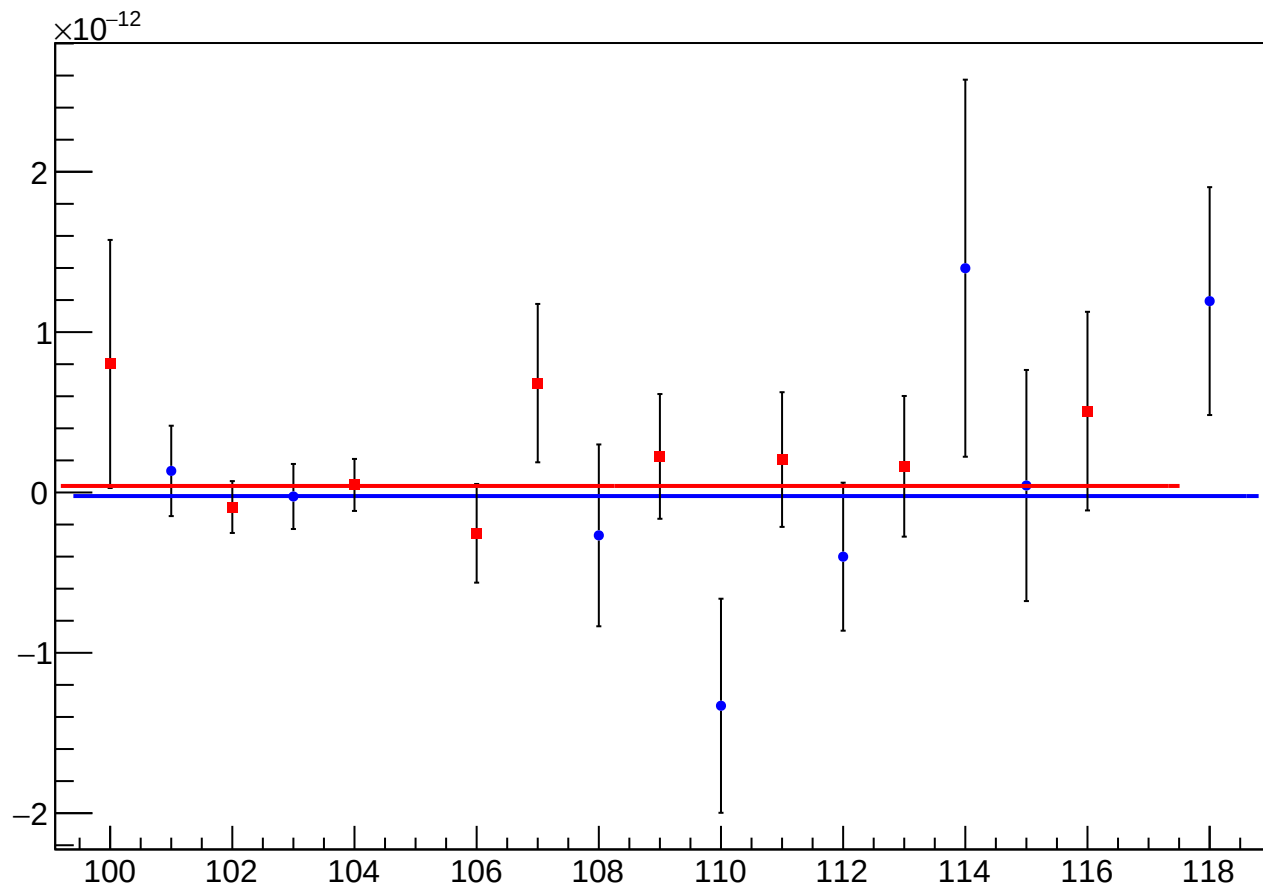
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 277.118+/-0.085 χ^2/NDF : 1701020.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



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: 5.3/8

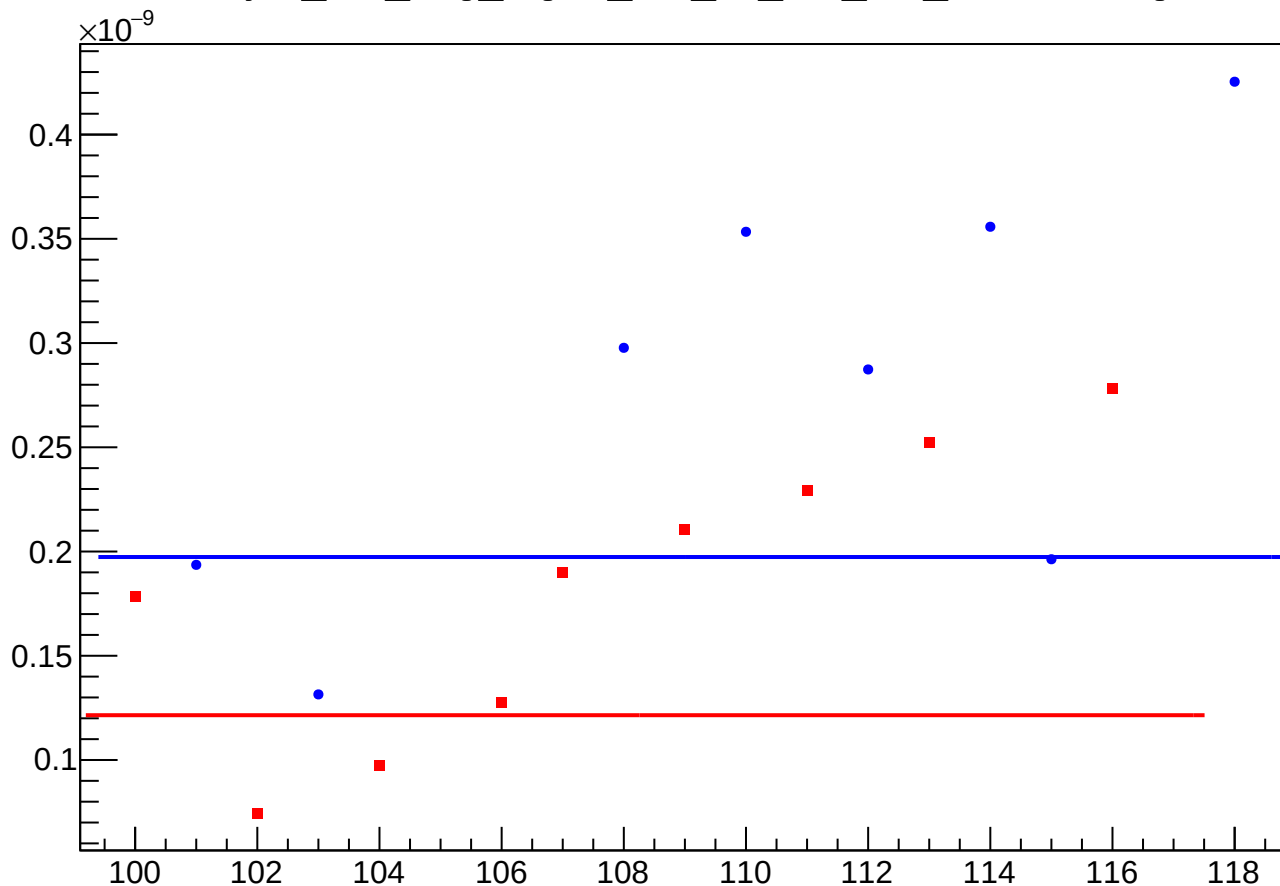
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 805298.2/8

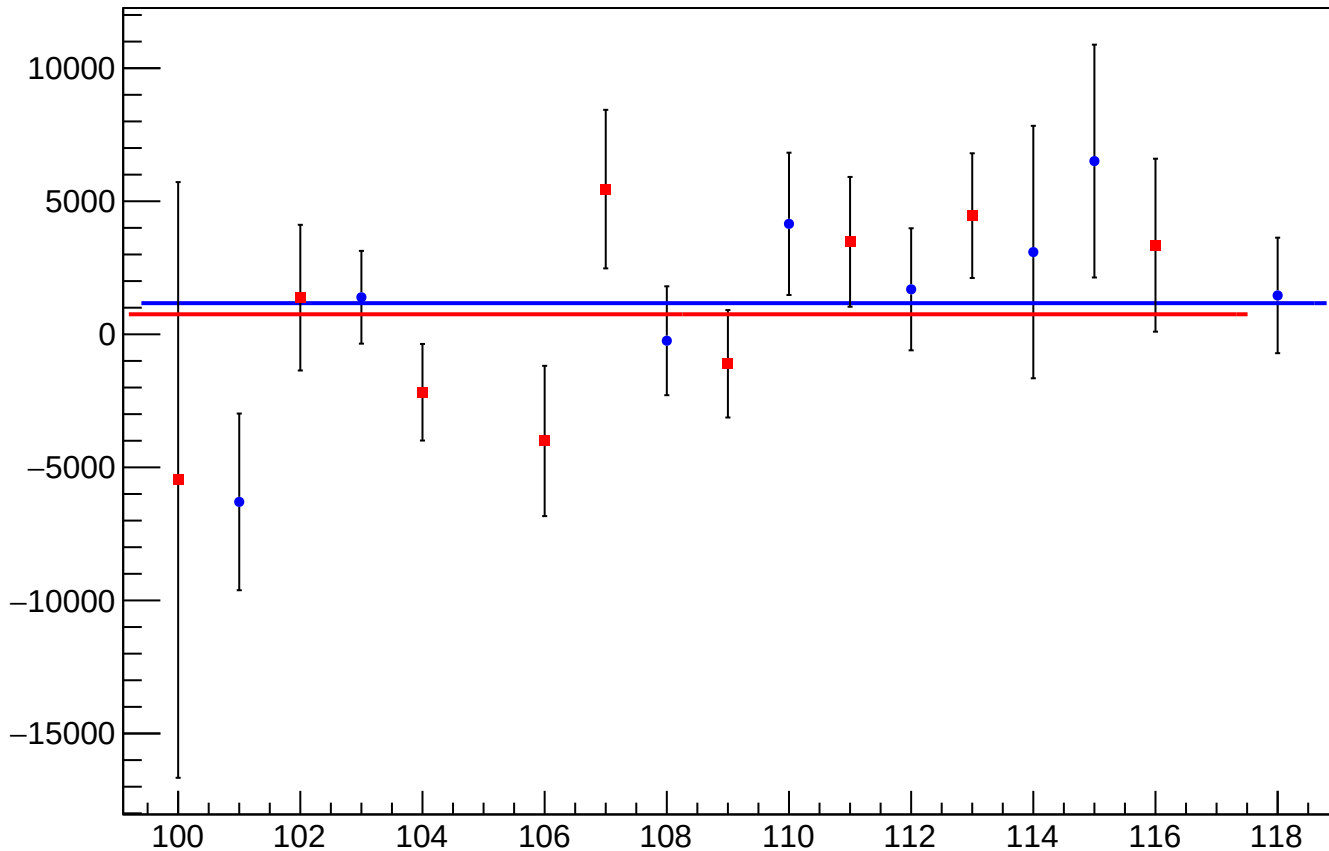
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1914272.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 1170.387 $\pm$ 877.807 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 752.935 $\pm$ 853.284 χ^2 /NDF: 13.5/8

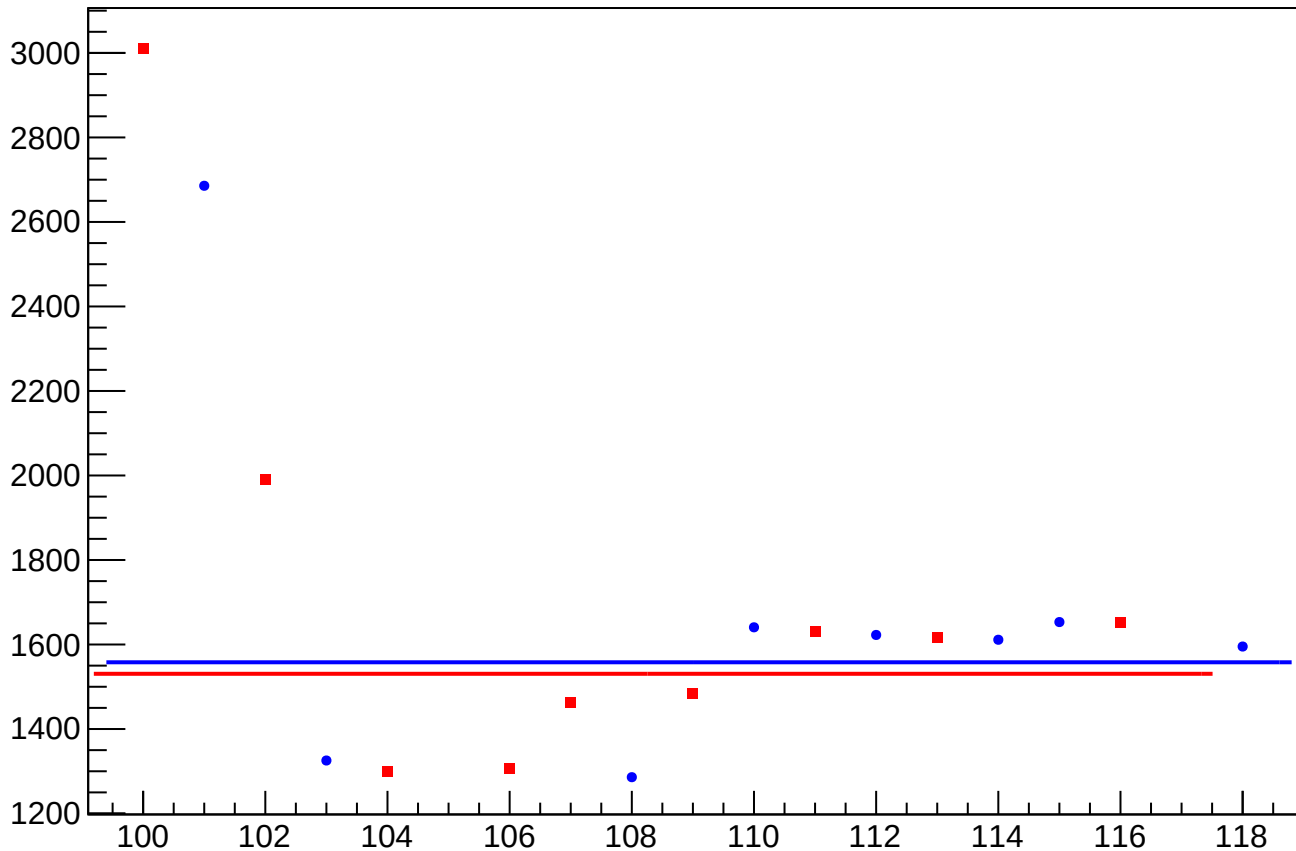
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 955.749 $\pm$ 611.849 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1557.918 $\pm$ 0.621 χ^2 /NDF: 306978.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1530.677 $\pm$ 0.603 χ^2 /NDF: 146937.7/8

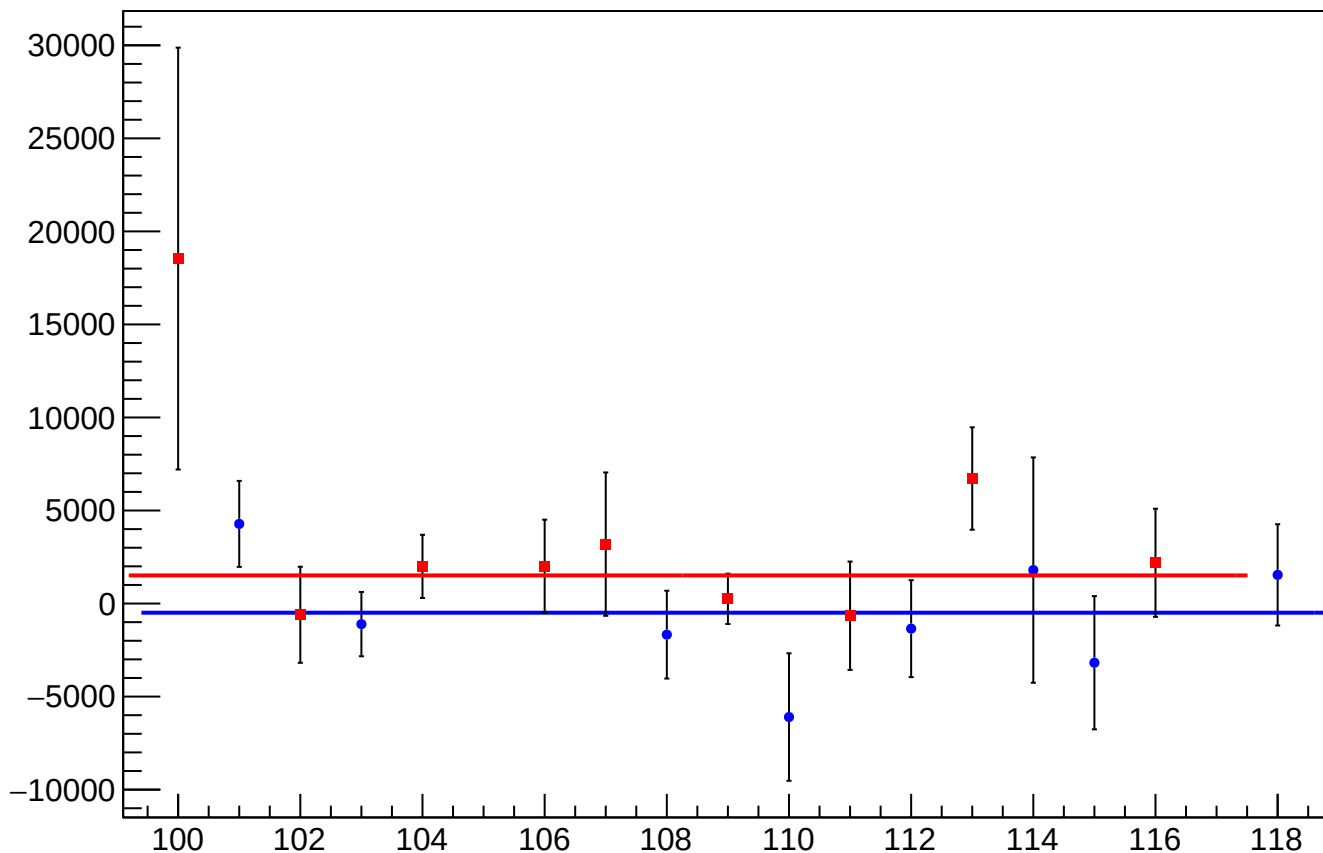
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1543.912 $\pm$ 0.433 χ^2 /NDF: 454906.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



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: 1512.411+/-779.012 χ^2/NDF : 8.3/8

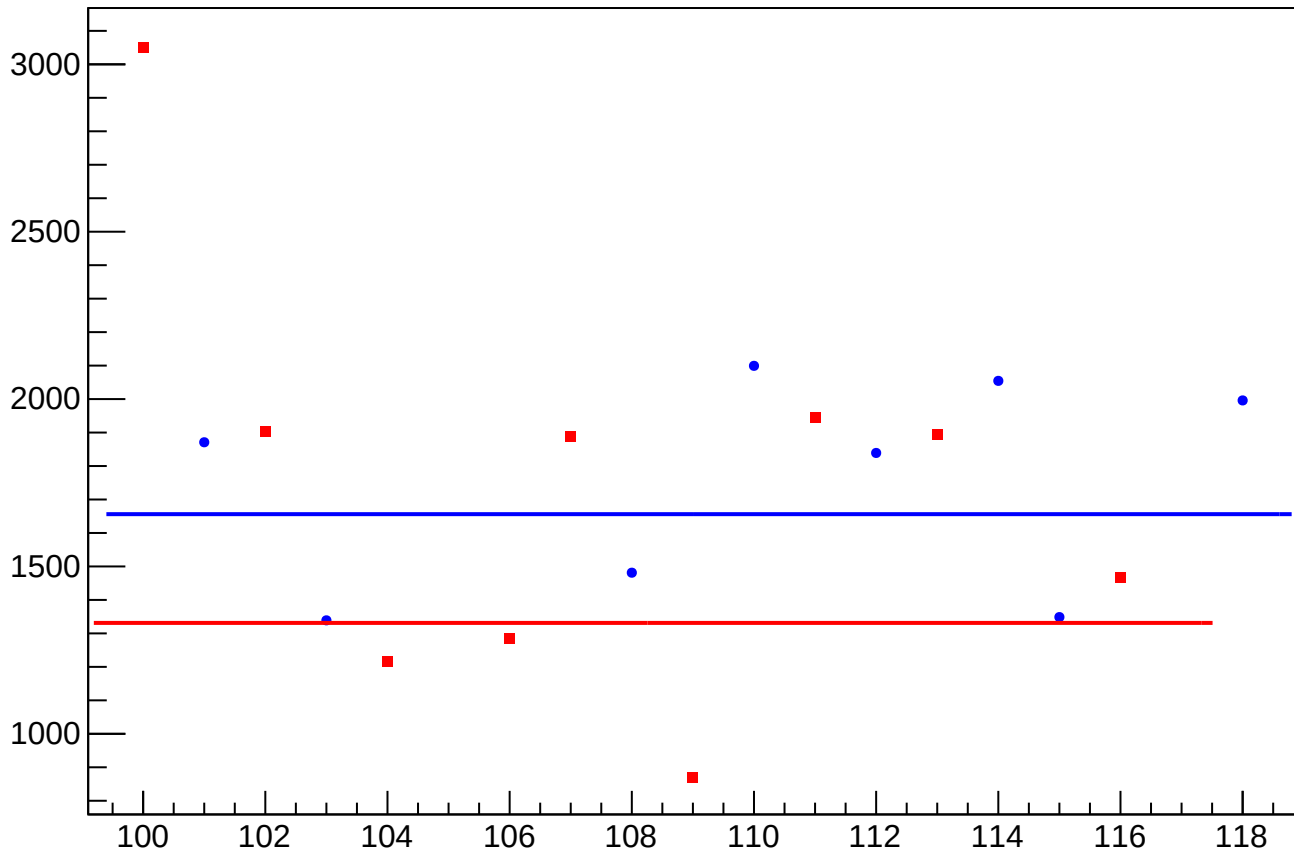
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 678.099+/-595.219 χ^2/NDF : 19.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1656.207 $\pm$ 0.652 χ^2 /NDF: 193593.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1331.332 $\pm$ 0.551 χ^2 /NDF: 606194.7/8

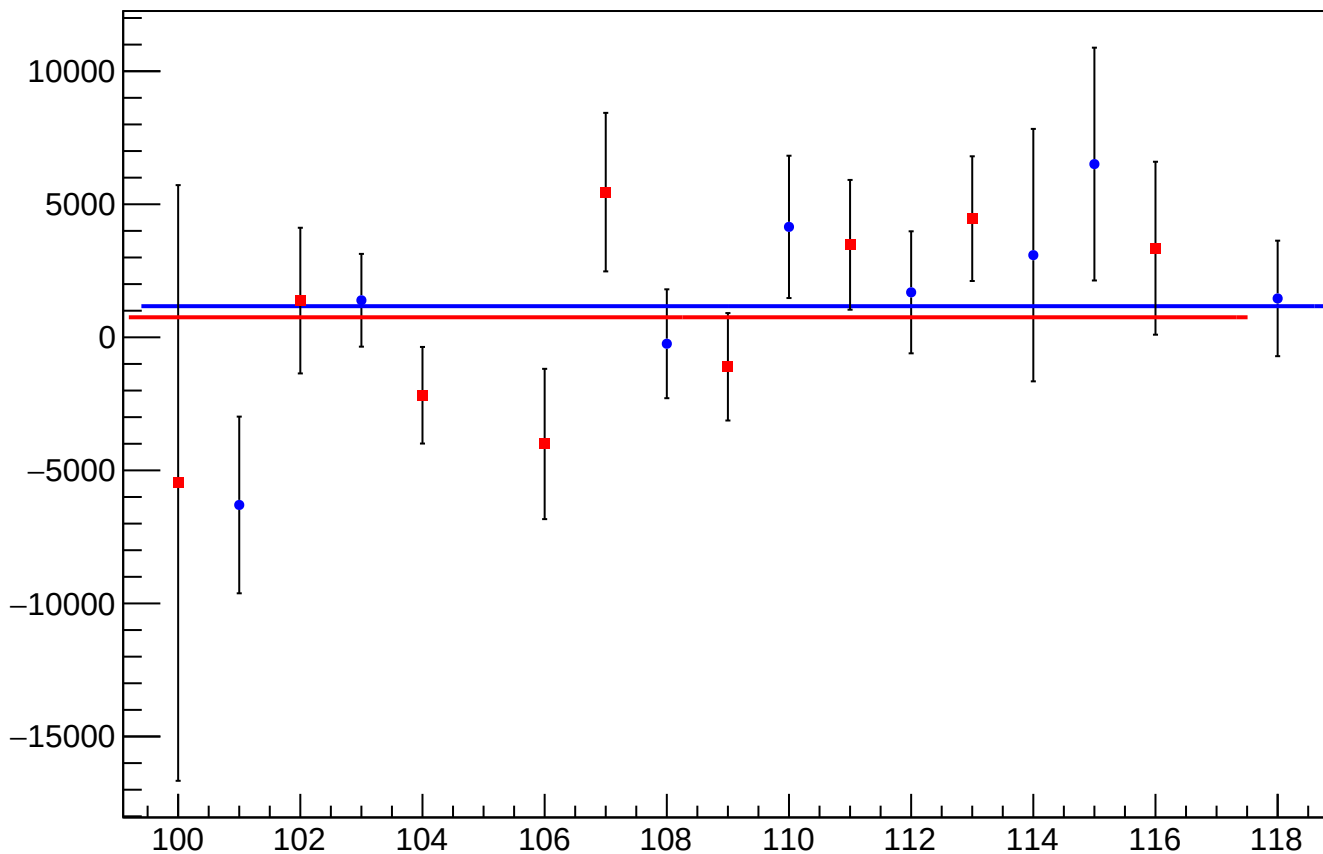
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1466.544 $\pm$ 0.421 χ^2 /NDF: 944556.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: 1170.202 $\pm$ 877.807 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 753.401 $\pm$ 853.285 χ^2 /NDF: 13.5/8

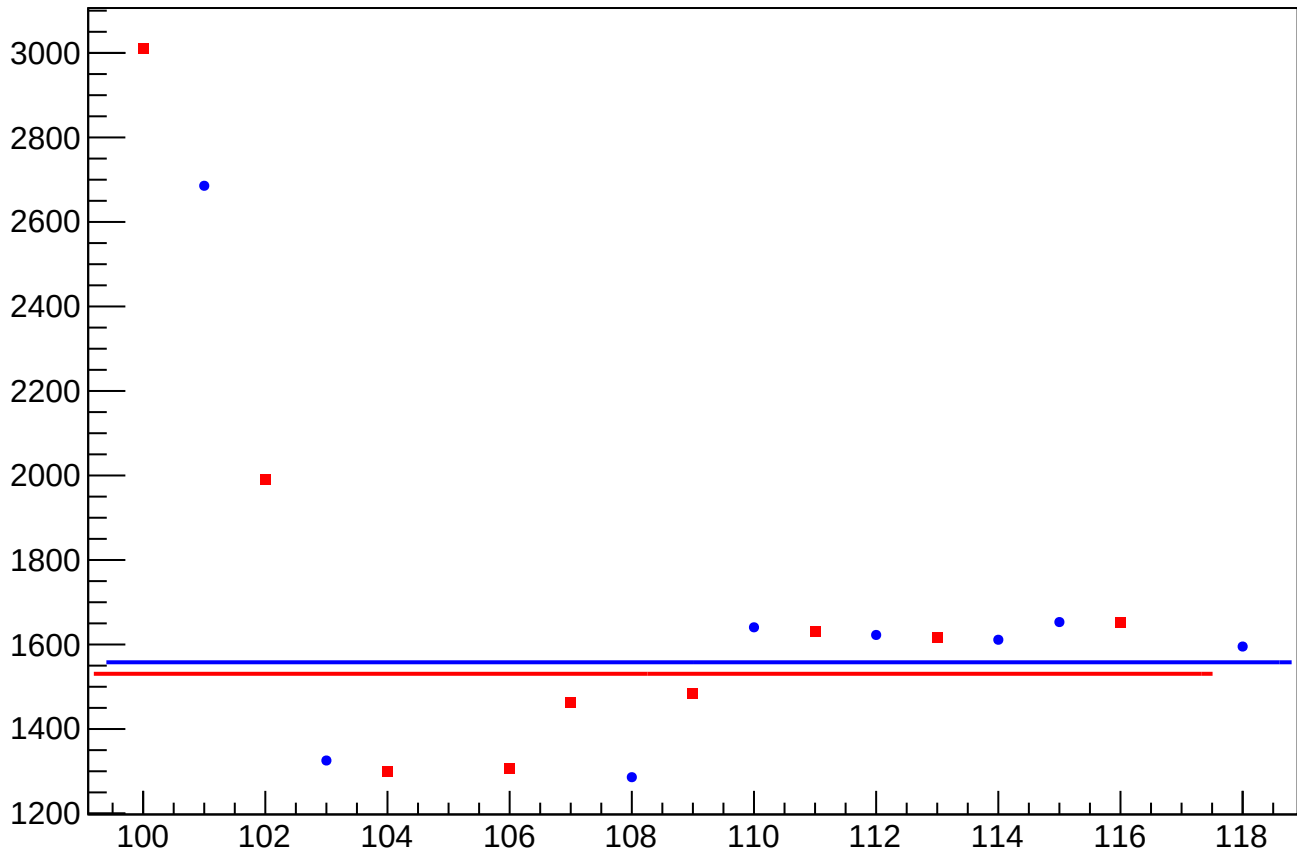
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 955.898 $\pm$ 611.849 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1557.918 $\pm$ 0.621 χ^2 /NDF: 306978.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1530.677 $\pm$ 0.603 χ^2 /NDF: 146937.4/8

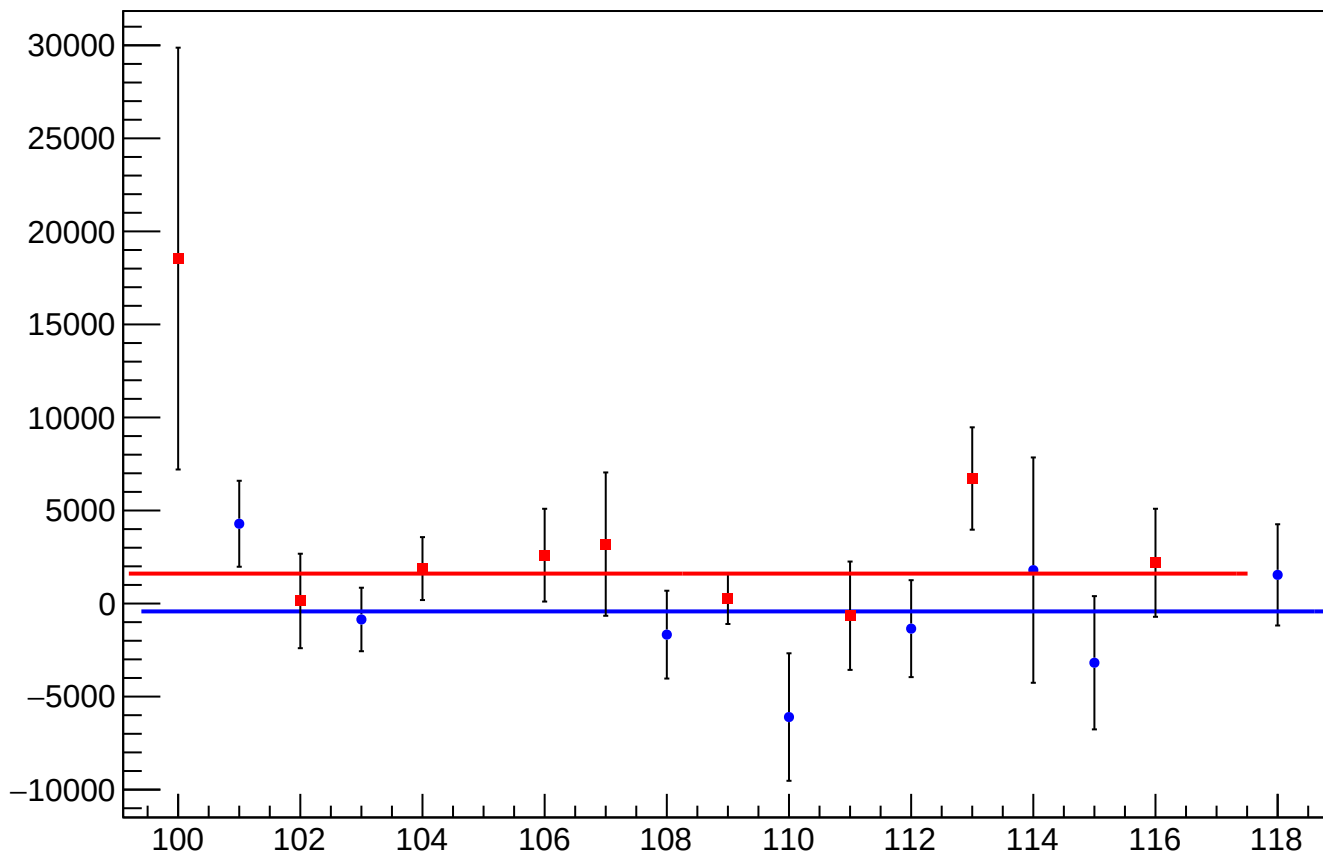
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1543.911 $\pm$ 0.433 χ^2 /NDF: 454906.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



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: 1609.237+/-776.910 χ^2 /NDF: 8.0/8

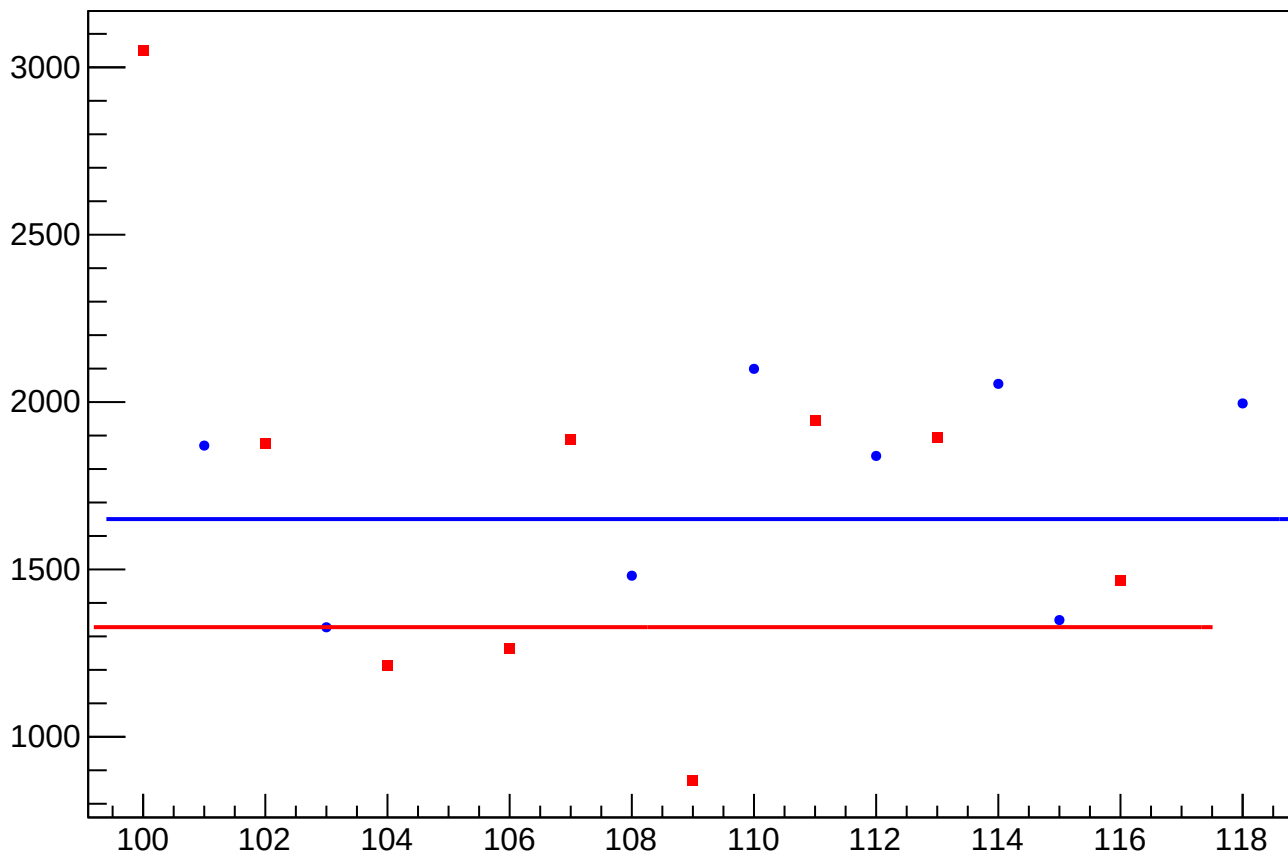
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 762.726+/-593.389 χ^2 /NDF: 19.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1650.436 $\pm$ 0.650 χ^2 /NDF: 200279.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.621 $\pm$ 0.549 χ^2 /NDF: 600658.5/8

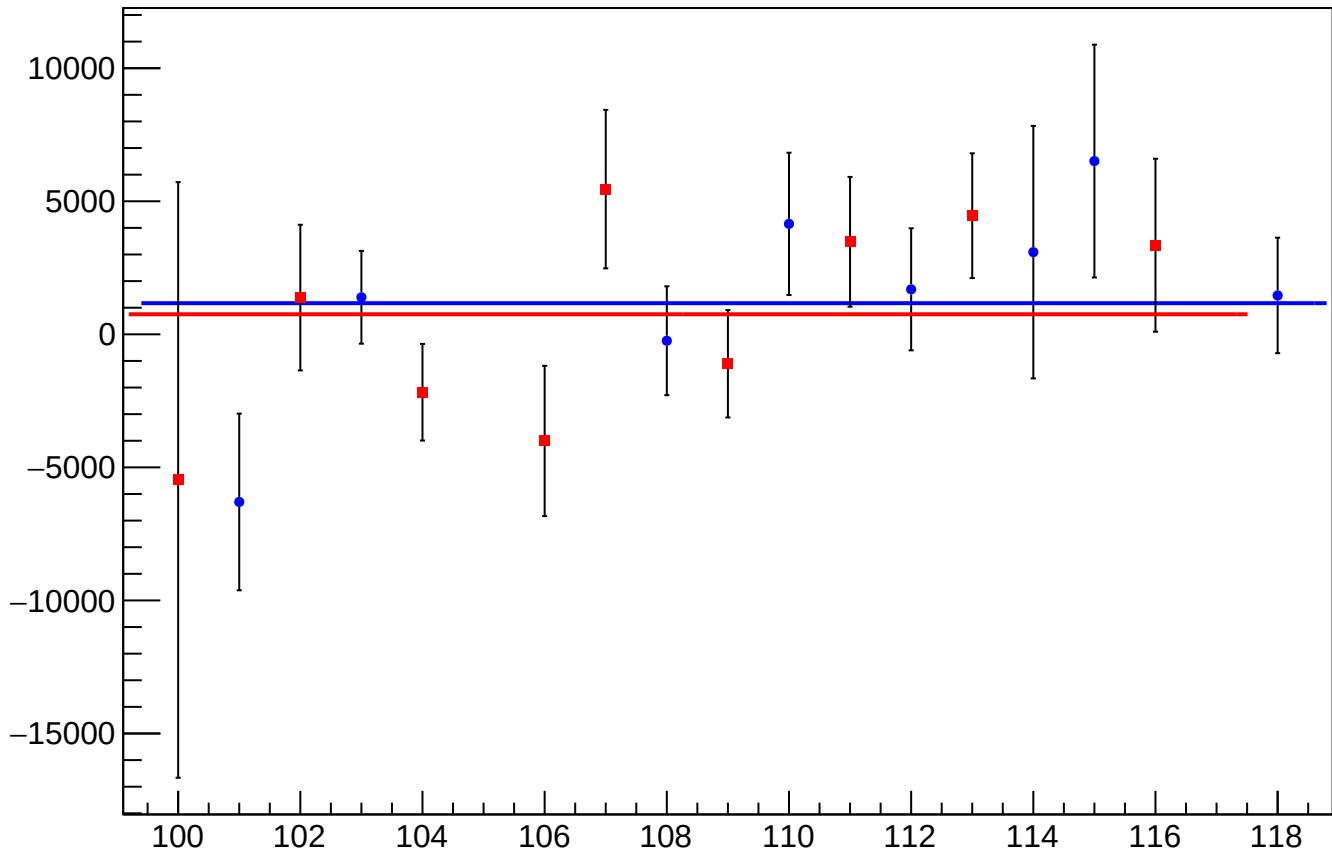
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1462.118 $\pm$ 0.420 χ^2 /NDF: 944802.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 1170.202 $\pm$ 877.807 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 753.401 $\pm$ 853.285 χ^2 /NDF: 13.5/8

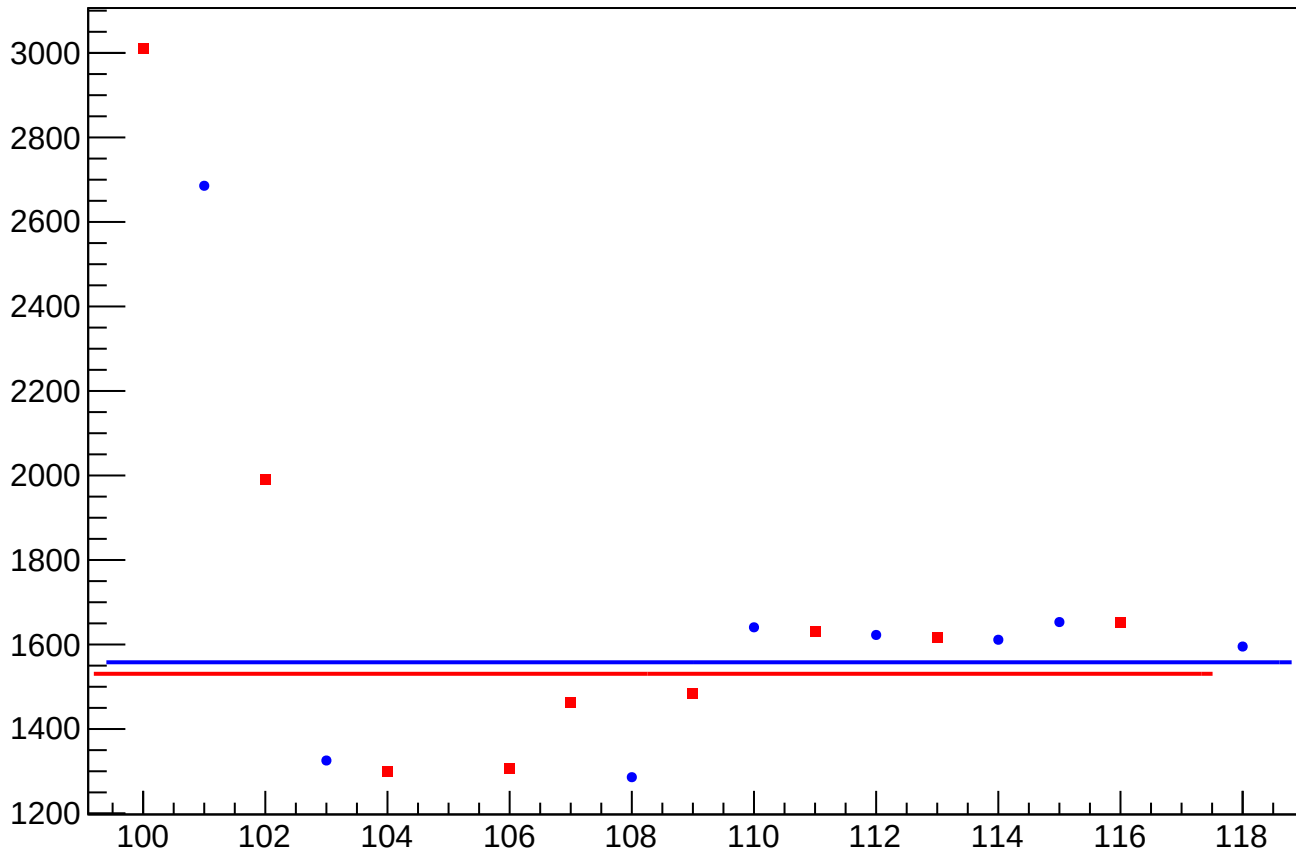
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 955.898 $\pm$ 611.849 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1557.918 $\pm$ 0.621 χ^2 /NDF: 306978.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1530.677 $\pm$ 0.603 χ^2 /NDF: 146937.4/8

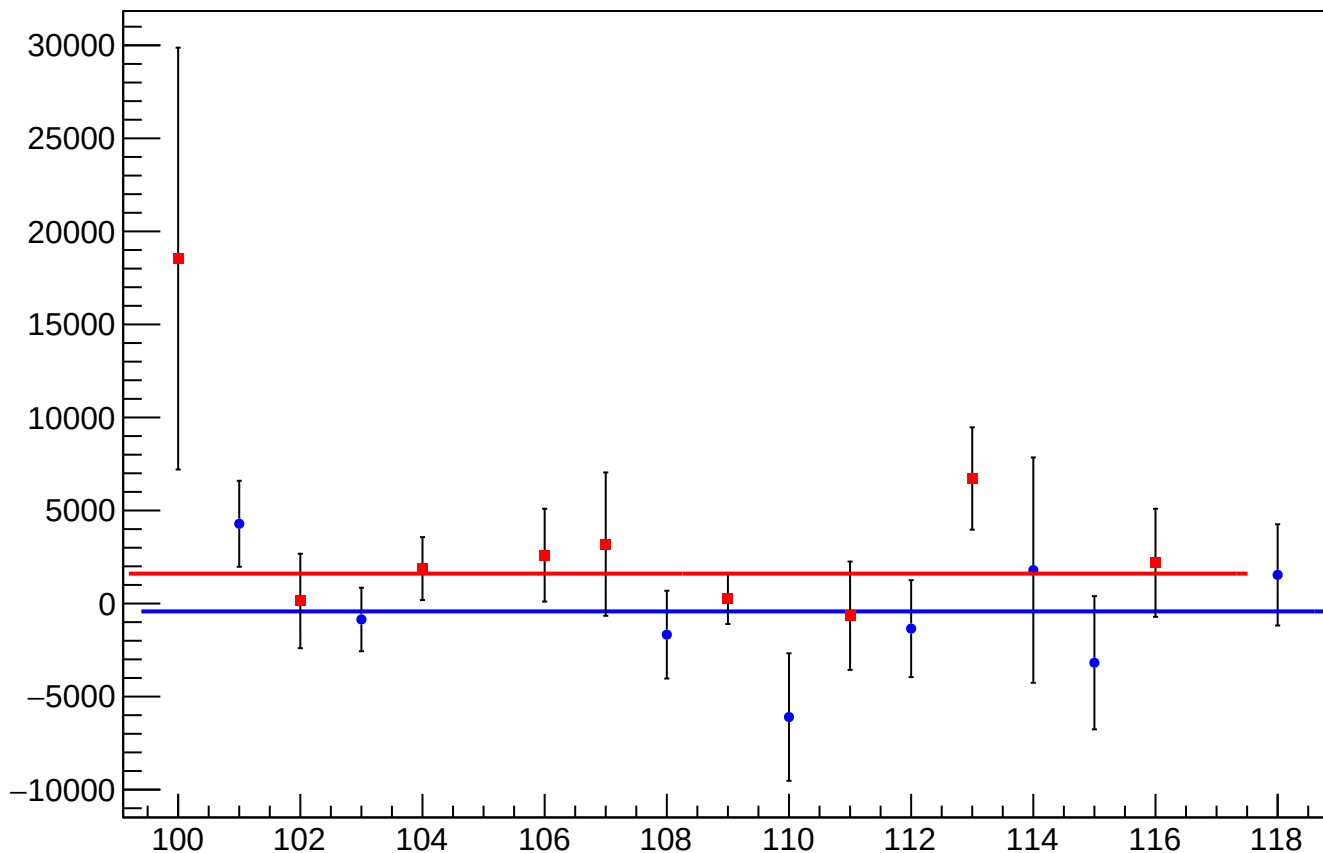
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1543.911 $\pm$ 0.433 χ^2 /NDF: 454906.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



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: 1609.237+/-776.910 χ^2/NDF : 8.0/8

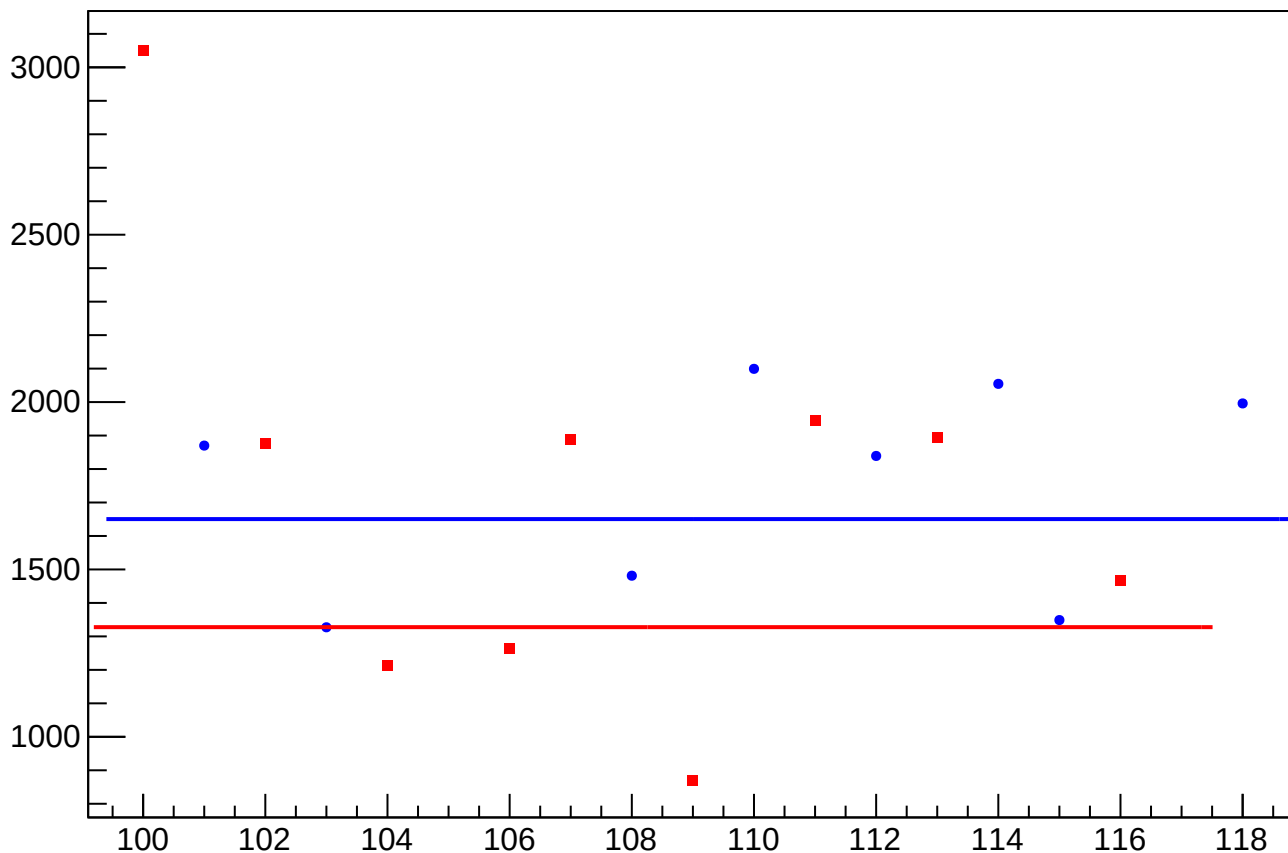
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 762.726+/-593.389 χ^2/NDF : 19.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1650.436 $\pm$ 0.650 χ^2 /NDF: 200279.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1327.621 $\pm$ 0.549 χ^2 /NDF: 600658.5/8

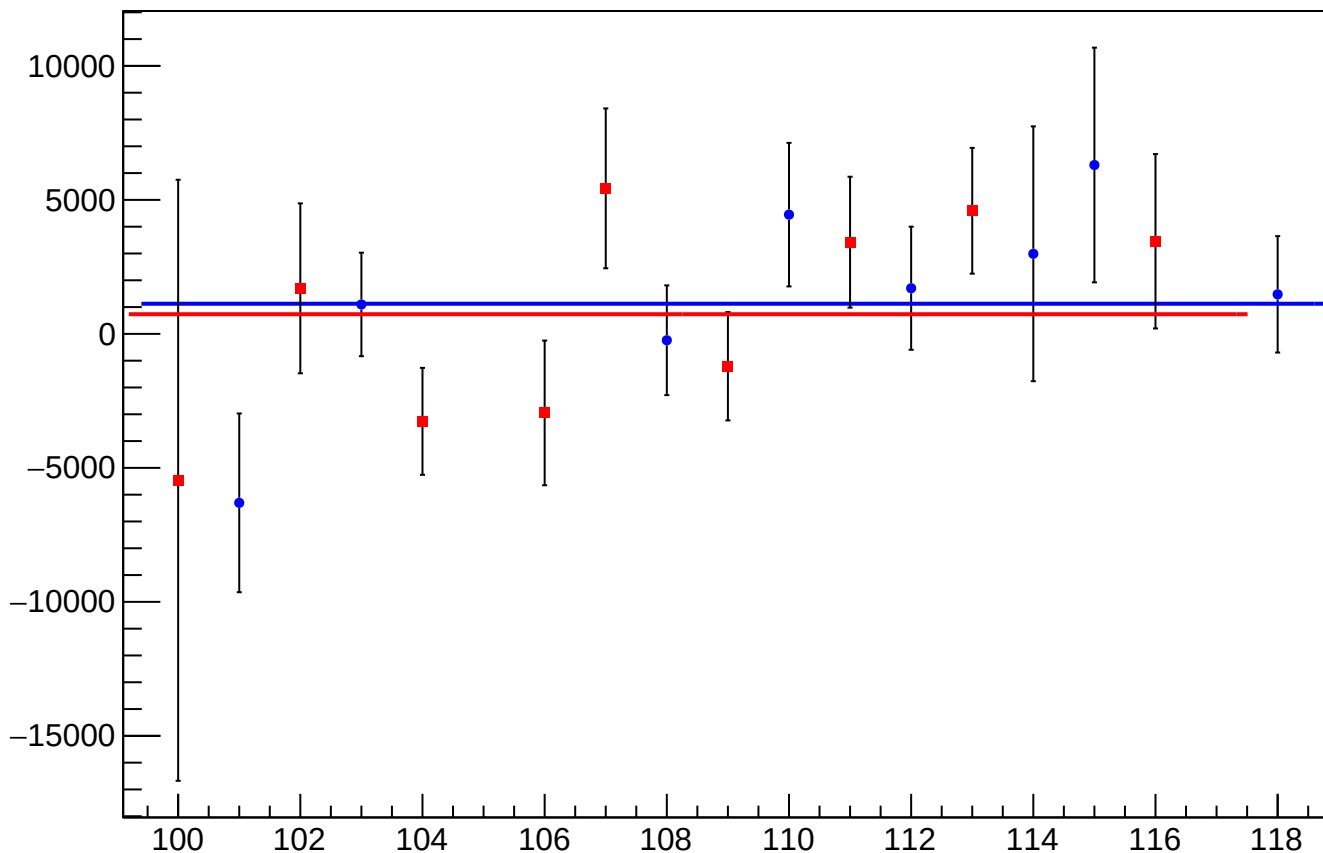
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1462.118 $\pm$ 0.420 χ^2 /NDF: 944802.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 1124.981 $\pm$ 900.296 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 733.685 $\pm$ 878.256 χ^2 /NDF: 14.3/8

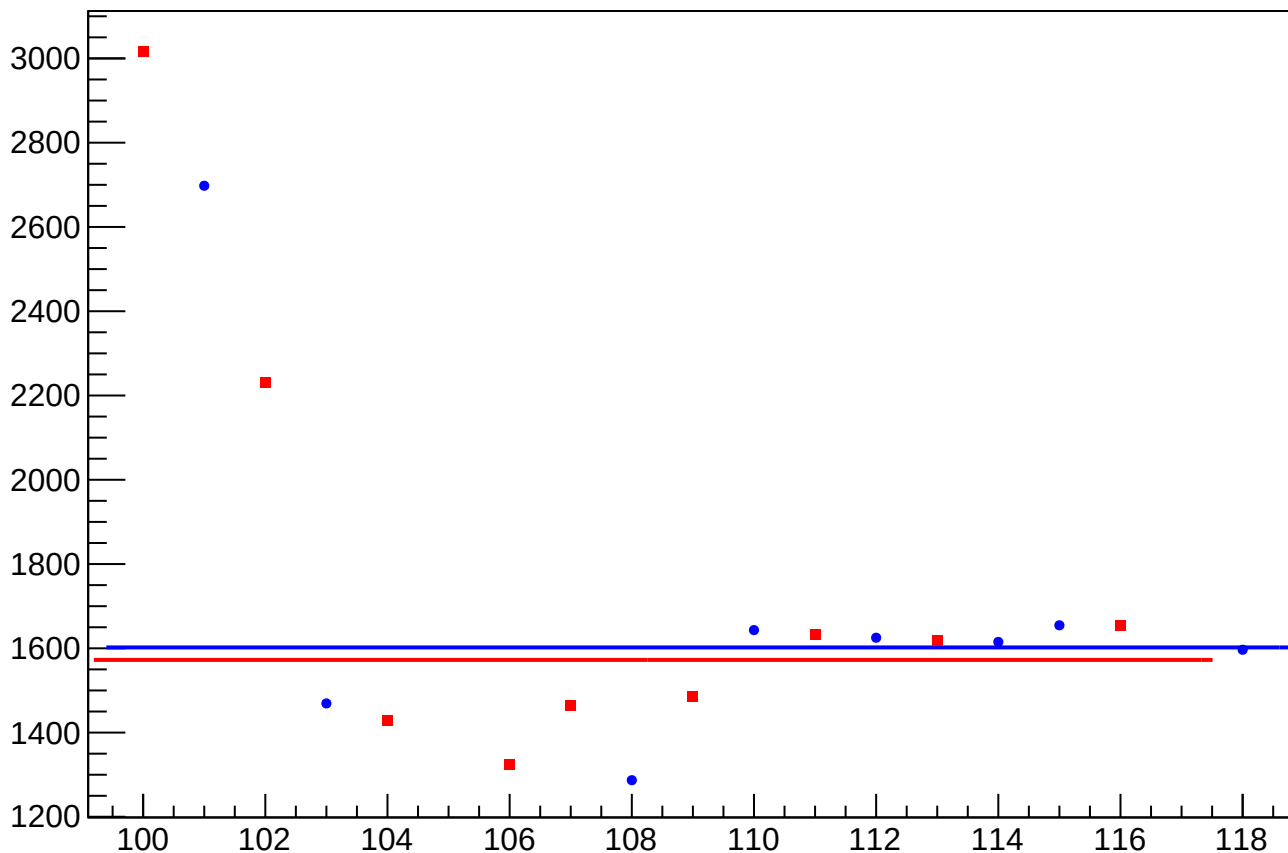
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 924.485 $\pm$ 628.668 χ^2 /NDF: 23.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_rms vs Slug



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: 1572.538+/-0.621 χ^2/NDF : 155741.9/8

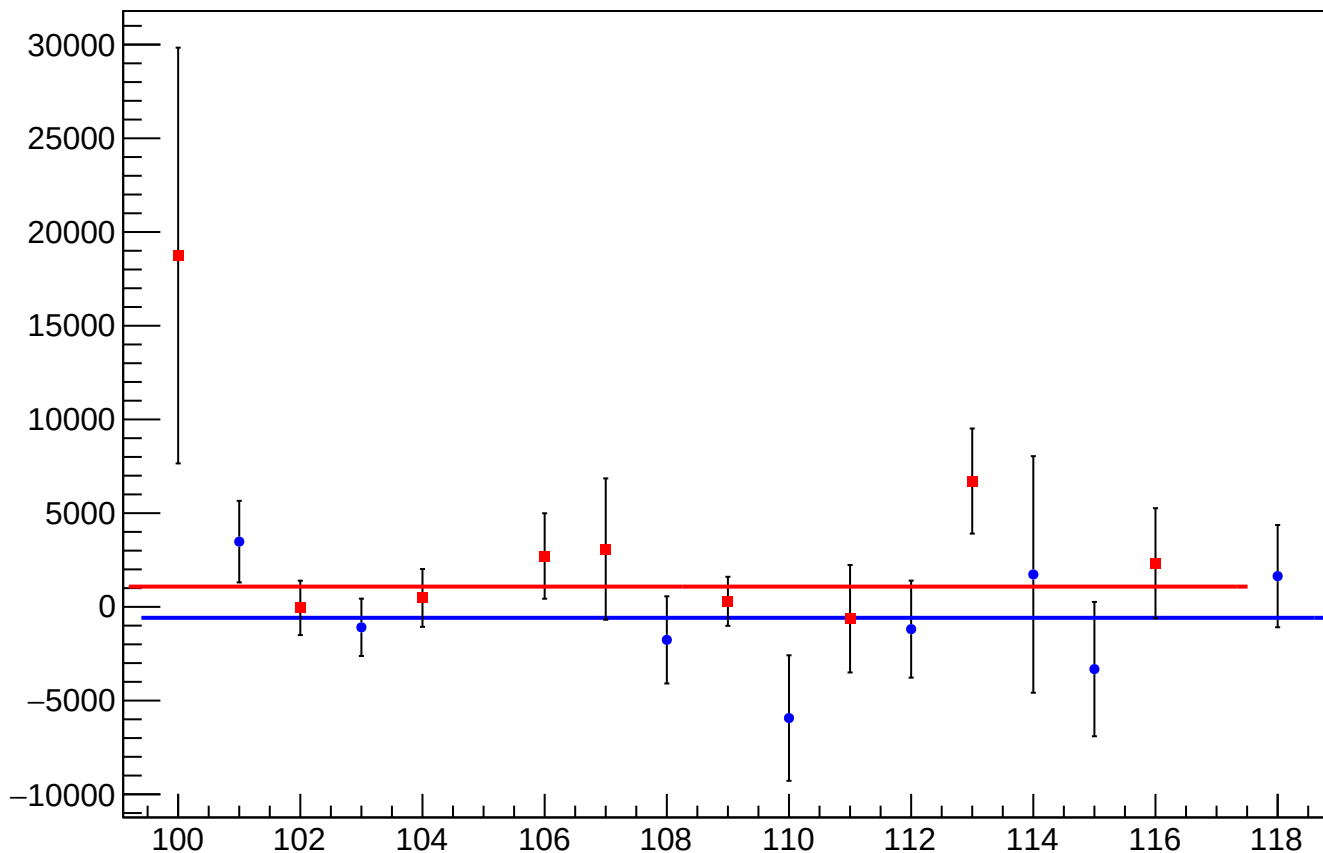
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.948+/-0.445 χ^2/NDF : 430482.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



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: 1081.356+/-687.726 χ^2/NDF : 9.0/8

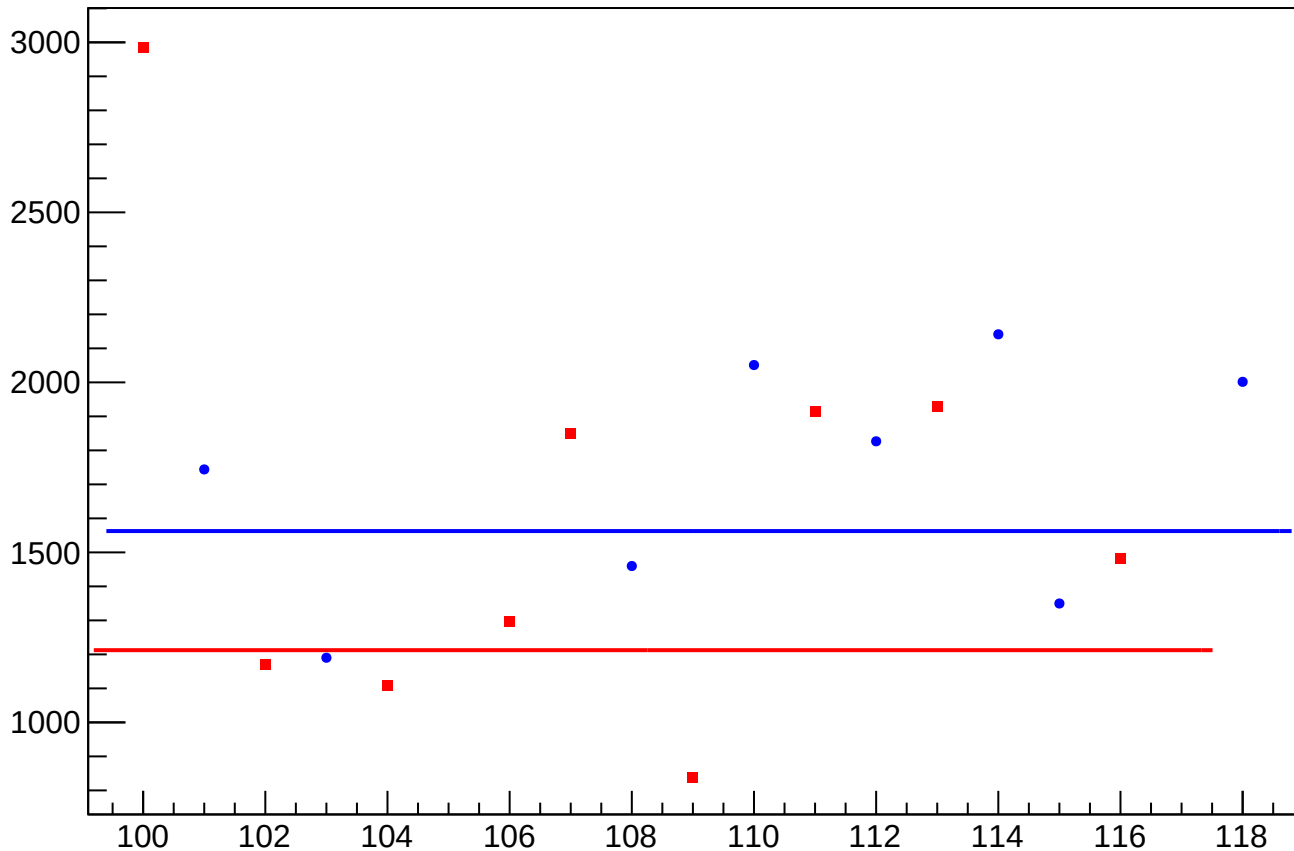
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 447.606+/-541.249 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



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: 1212.399+/-0.486 χ^2/NDF : 553057.5/8

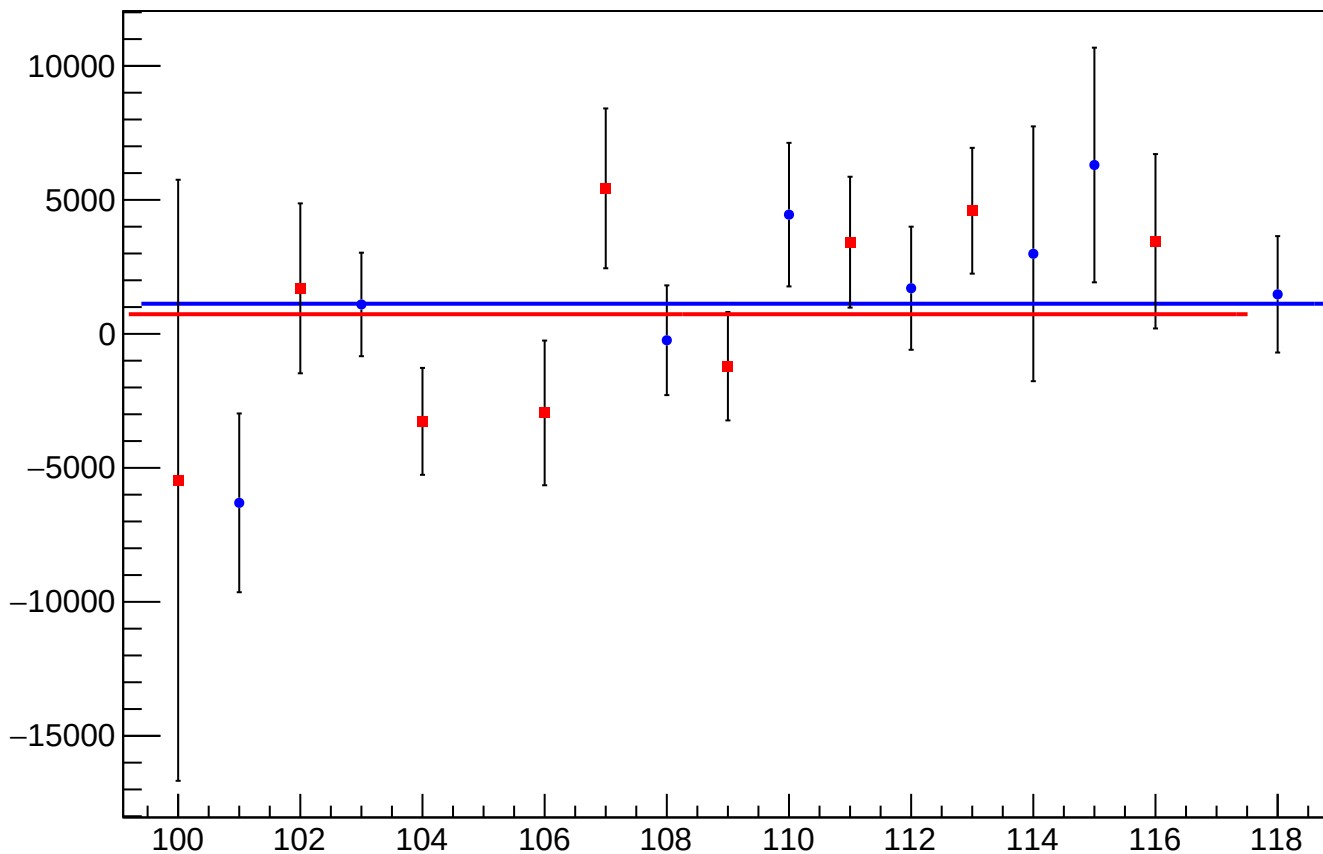
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.727+/-0.383 χ^2/NDF : 1025945.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 1124.973 $\pm$ 900.296 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 733.686 $\pm$ 878.256 χ^2 /NDF: 14.3/8

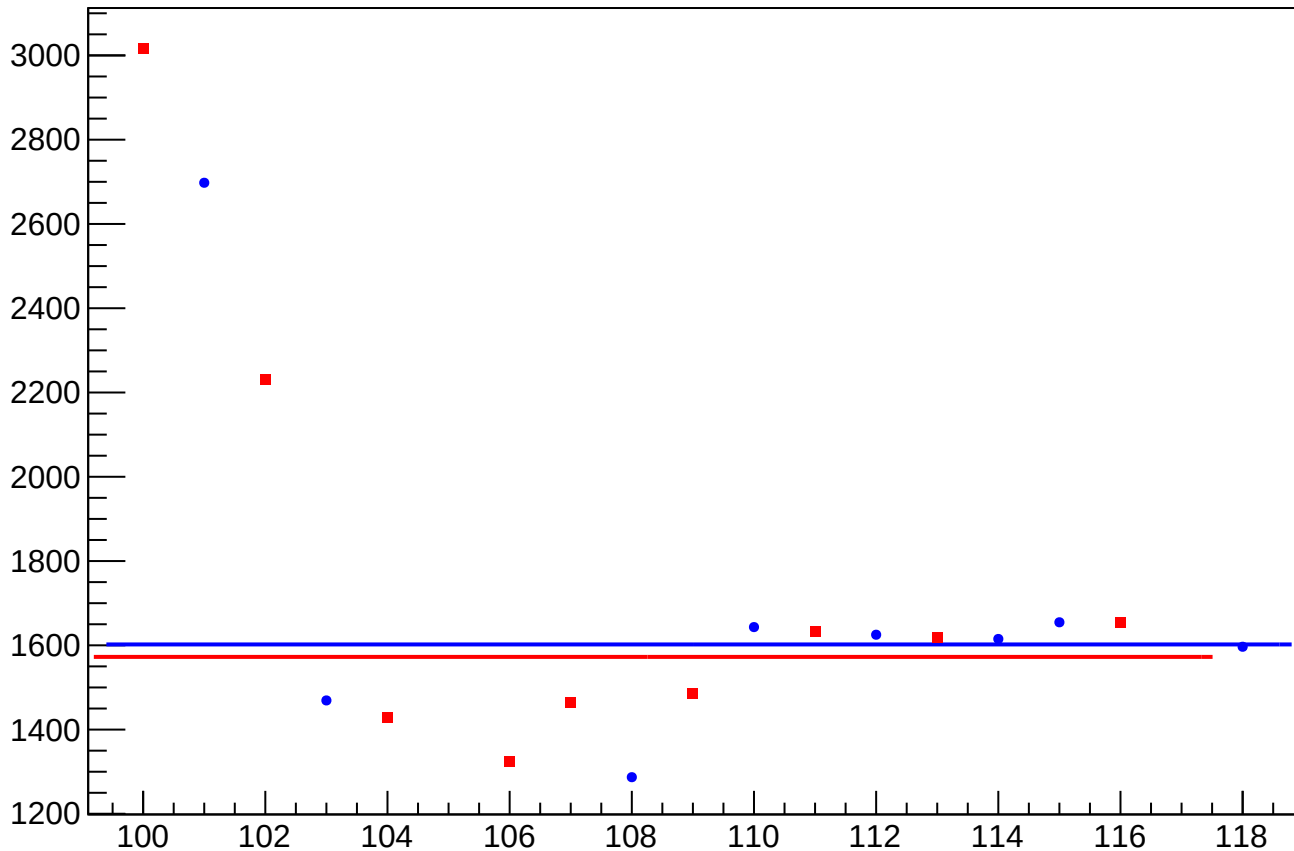
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 924.481 $\pm$ 628.668 χ^2 /NDF: 23.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



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: 1572.538+/-0.621 χ^2/NDF : 155741.9/8

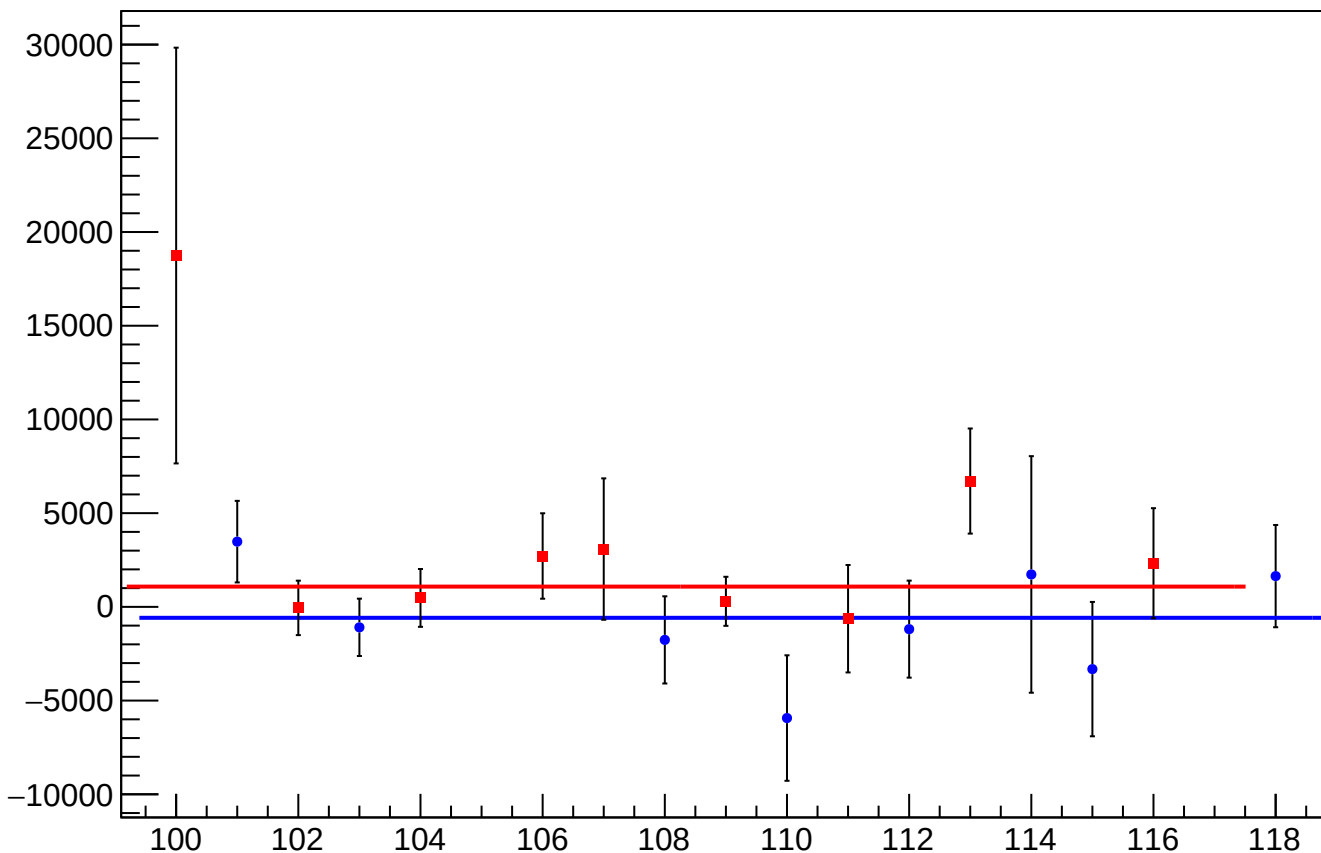
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.948+/-0.445 χ^2/NDF : 430481.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



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: 1081.360+/-687.728 χ^2 /NDF: 9.0/8

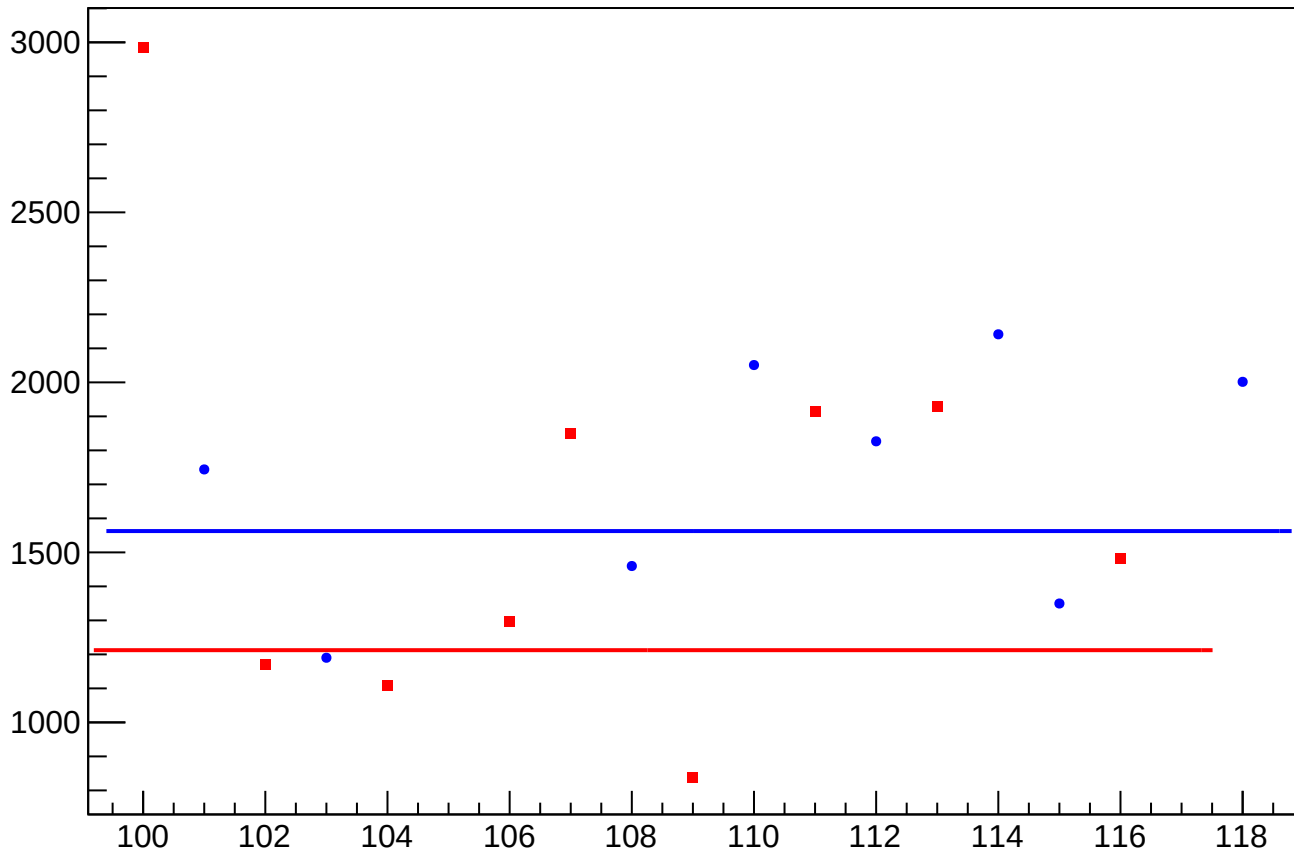
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 447.605+/-541.250 χ^2 /NDF: 19.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1562.698 $\pm$ 0.620 χ^2 /NDF: 275386.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1212.405 $\pm$ 0.486 χ^2 /NDF: 553042.7/8

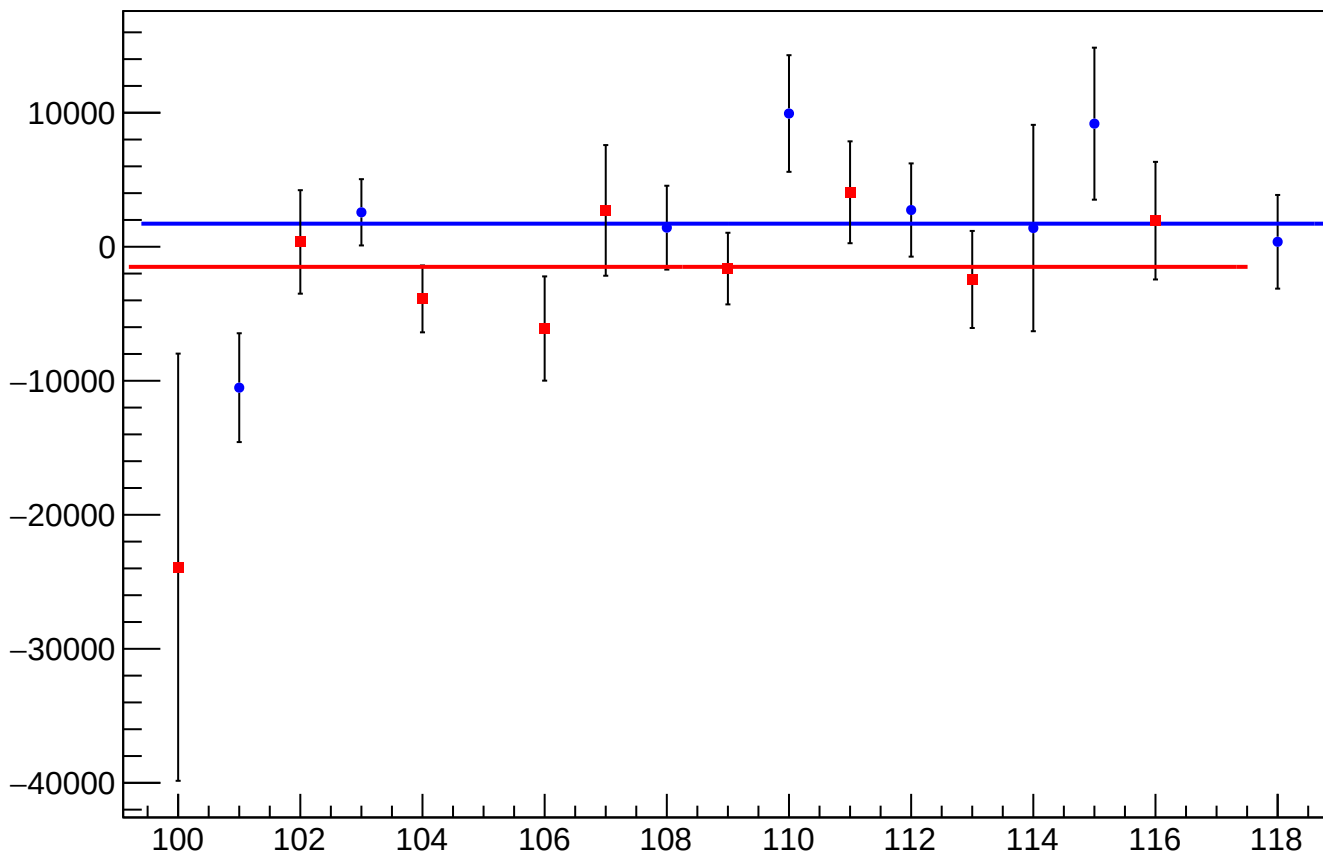
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.731 $\pm$ 0.383 χ^2 /NDF: 1025918.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1722.458 $\pm$ 1300.057 χ^2 /NDF: 14.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1499.973 $\pm$ 1215.054 χ^2 /NDF: 8.1/8

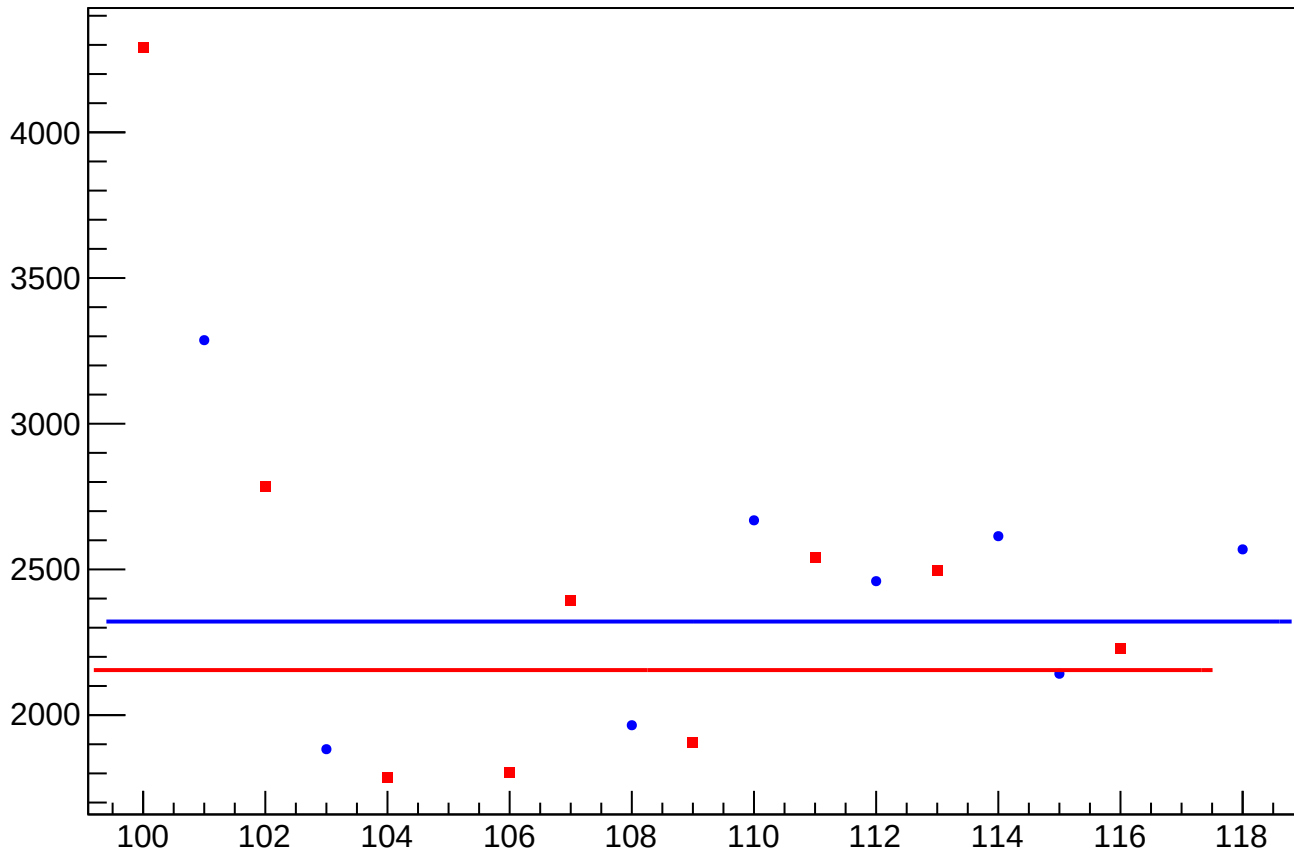
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.458 $\pm$ 887.704 χ^2 /NDF: 26.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2321.170 $\pm$ 0.919 χ^2 /NDF: 232606.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2154.566 $\pm$ 0.859 χ^2 /NDF: 209962.0/8

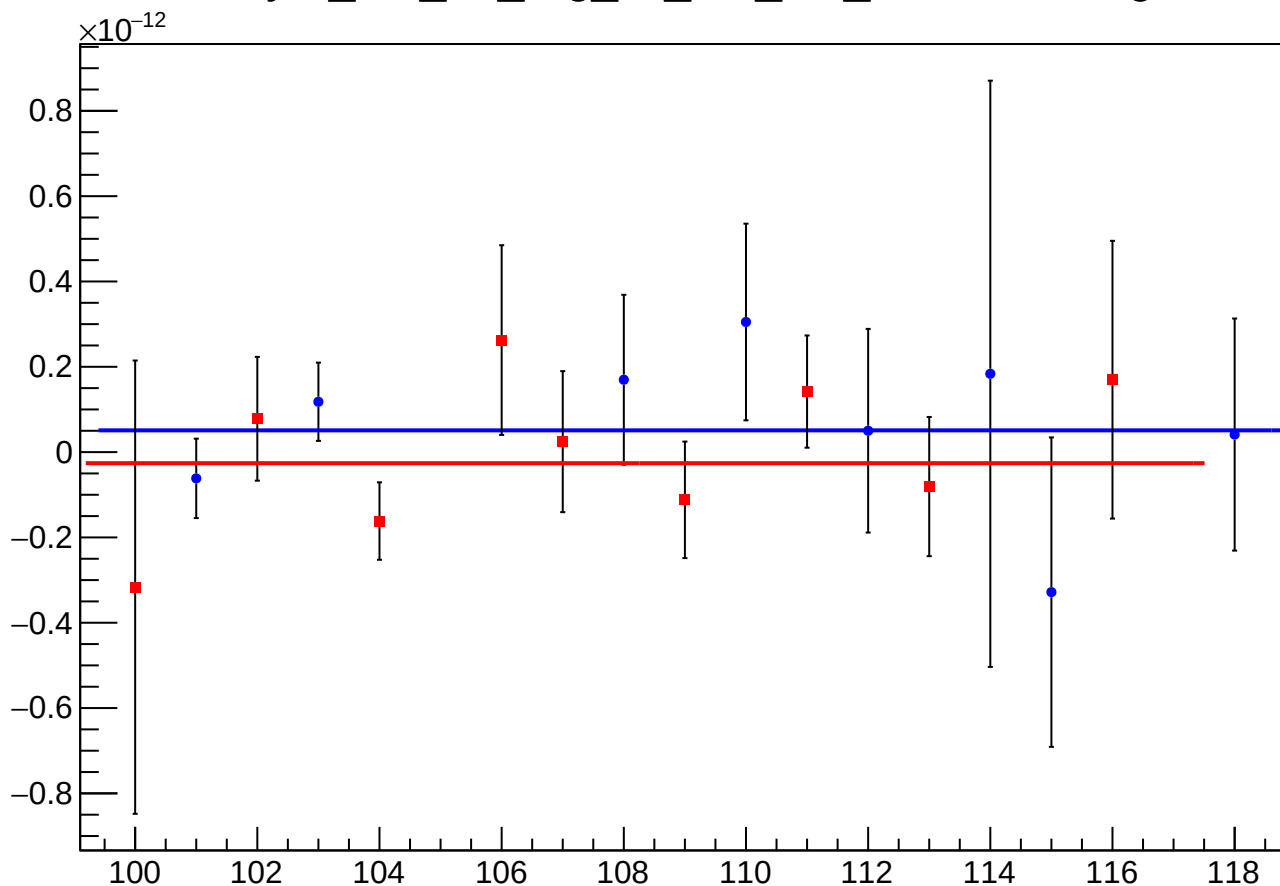
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2232.243 $\pm$ 0.628 χ^2 /NDF: 460100.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/8

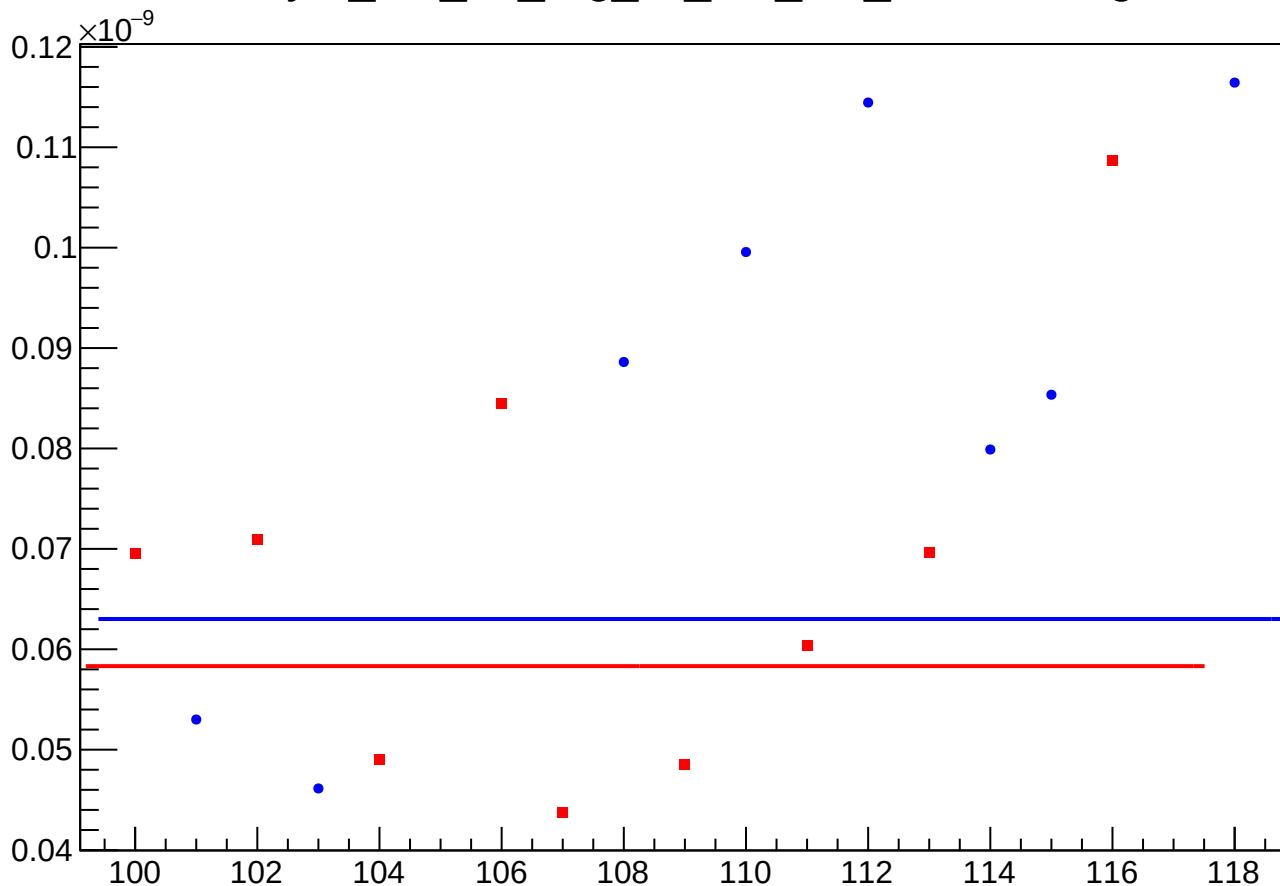
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



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 : 148887.2/8

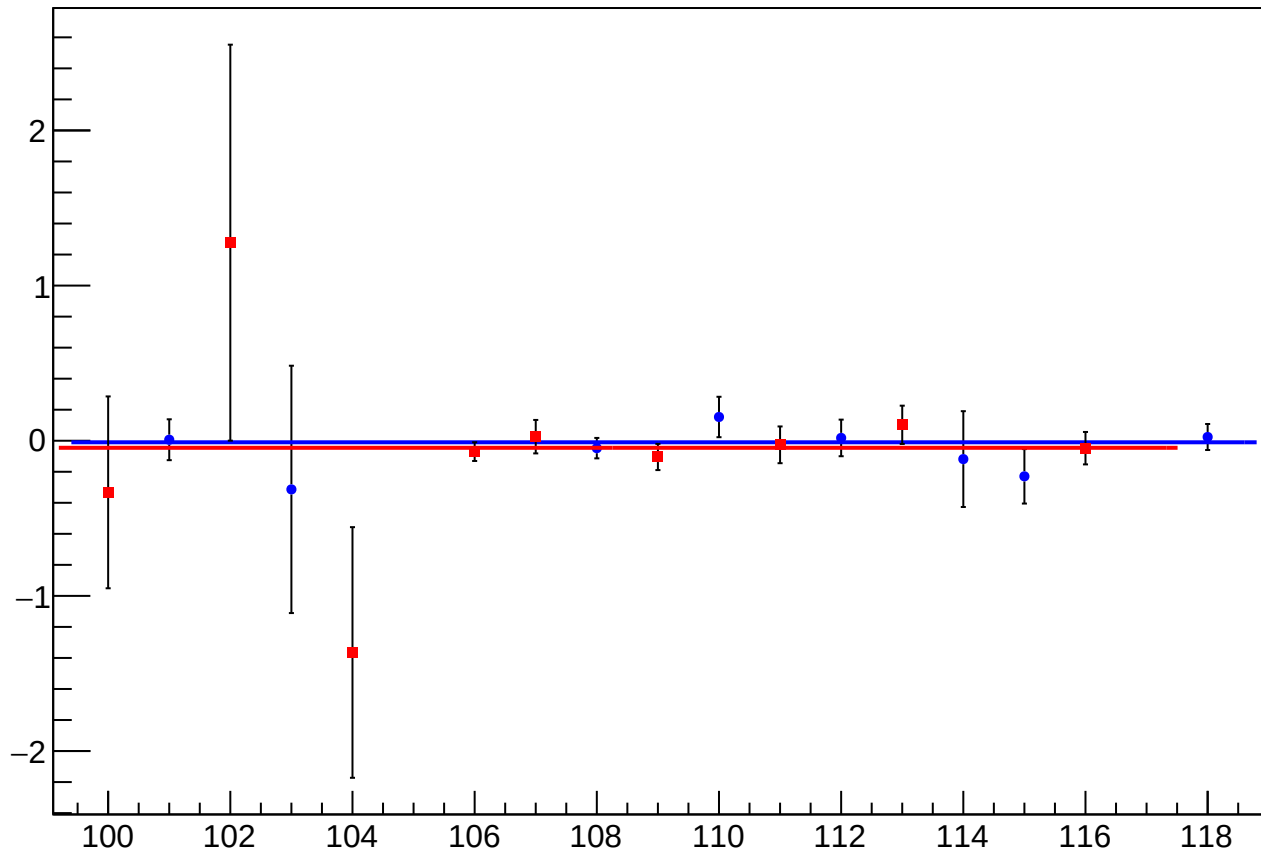
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 509594.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



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: -0.045 $\pm$ 0.037 χ^2 /NDF: 6.5/8

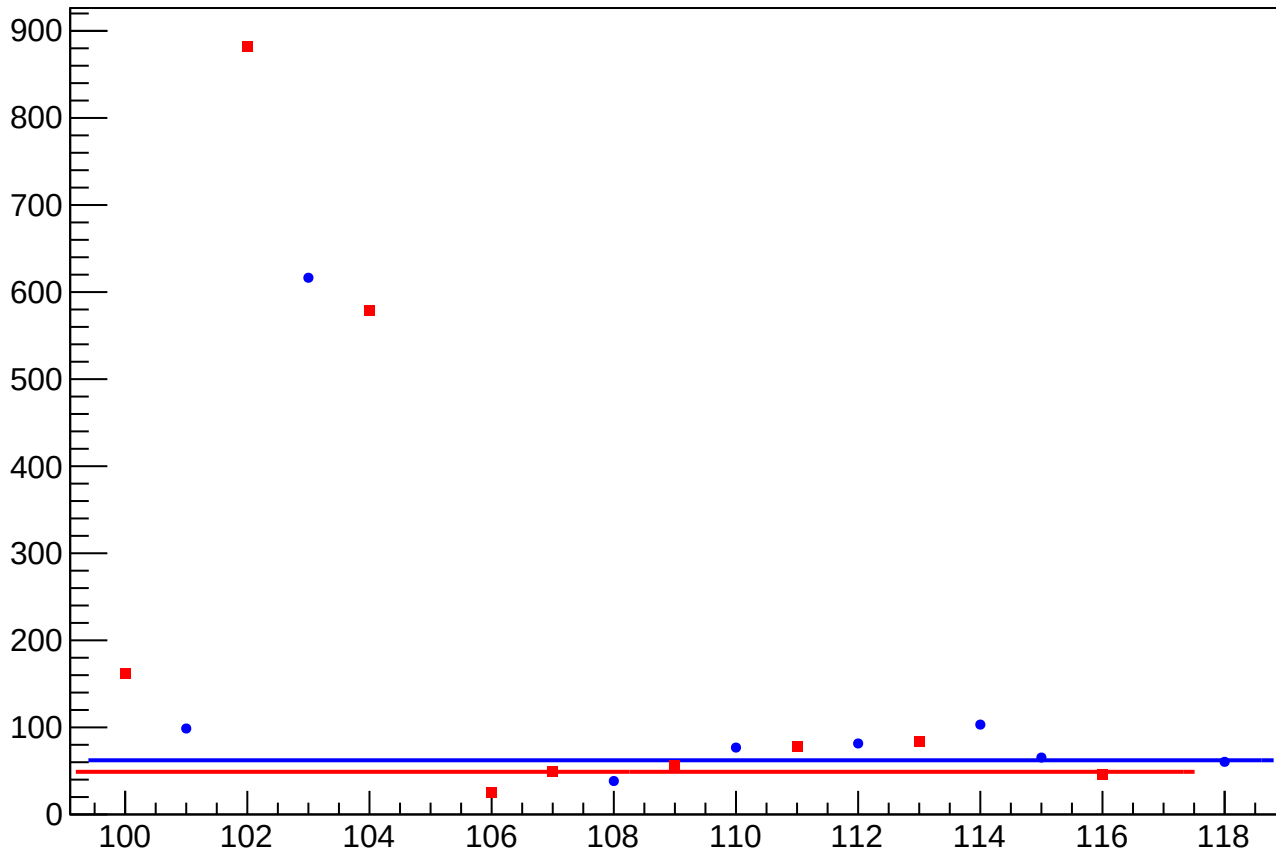
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.029 $\pm$ 0.027 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



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: 48.985+/-0.026 χ^2/NDF : 2387052.1/8

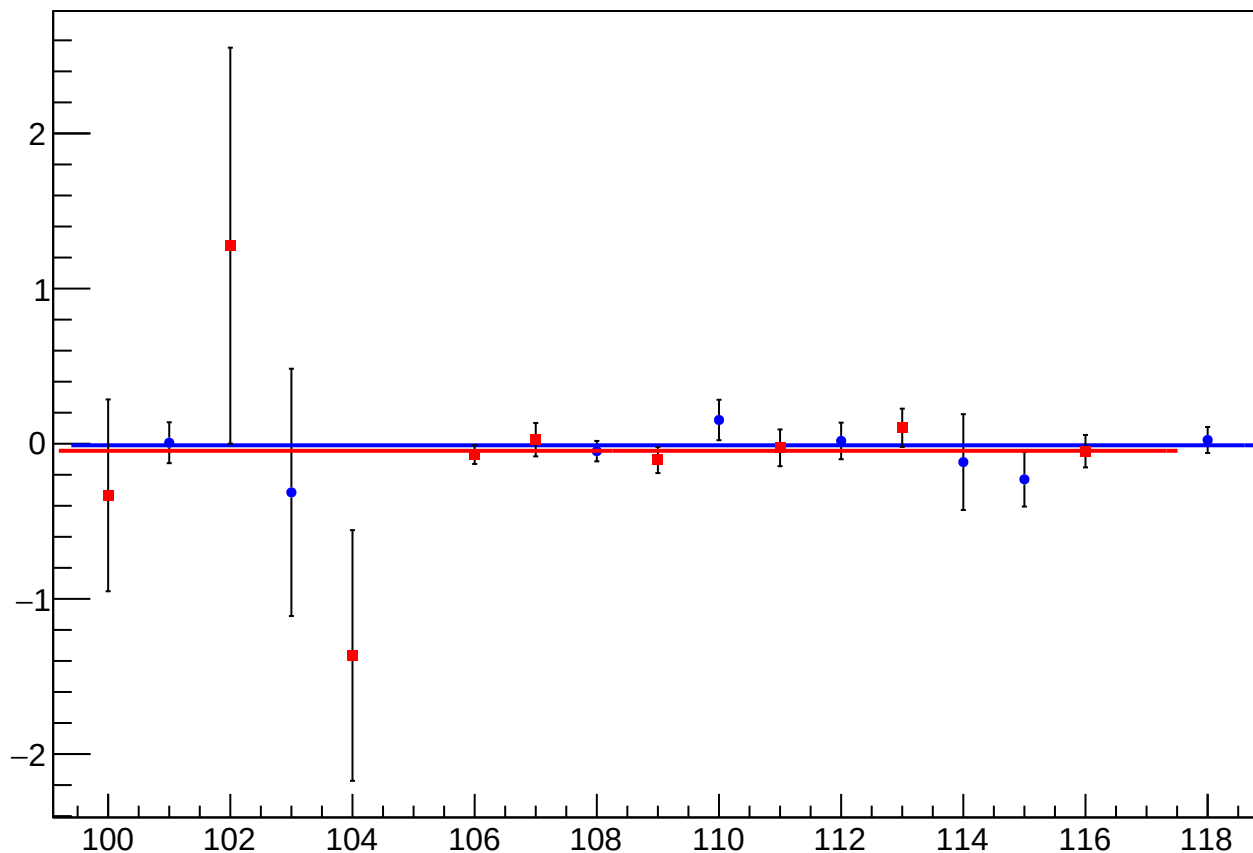
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.972+/-0.019 χ^2/NDF : 4001357.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.045 $\pm$ 0.037 χ^2 /NDF: 6.5/8

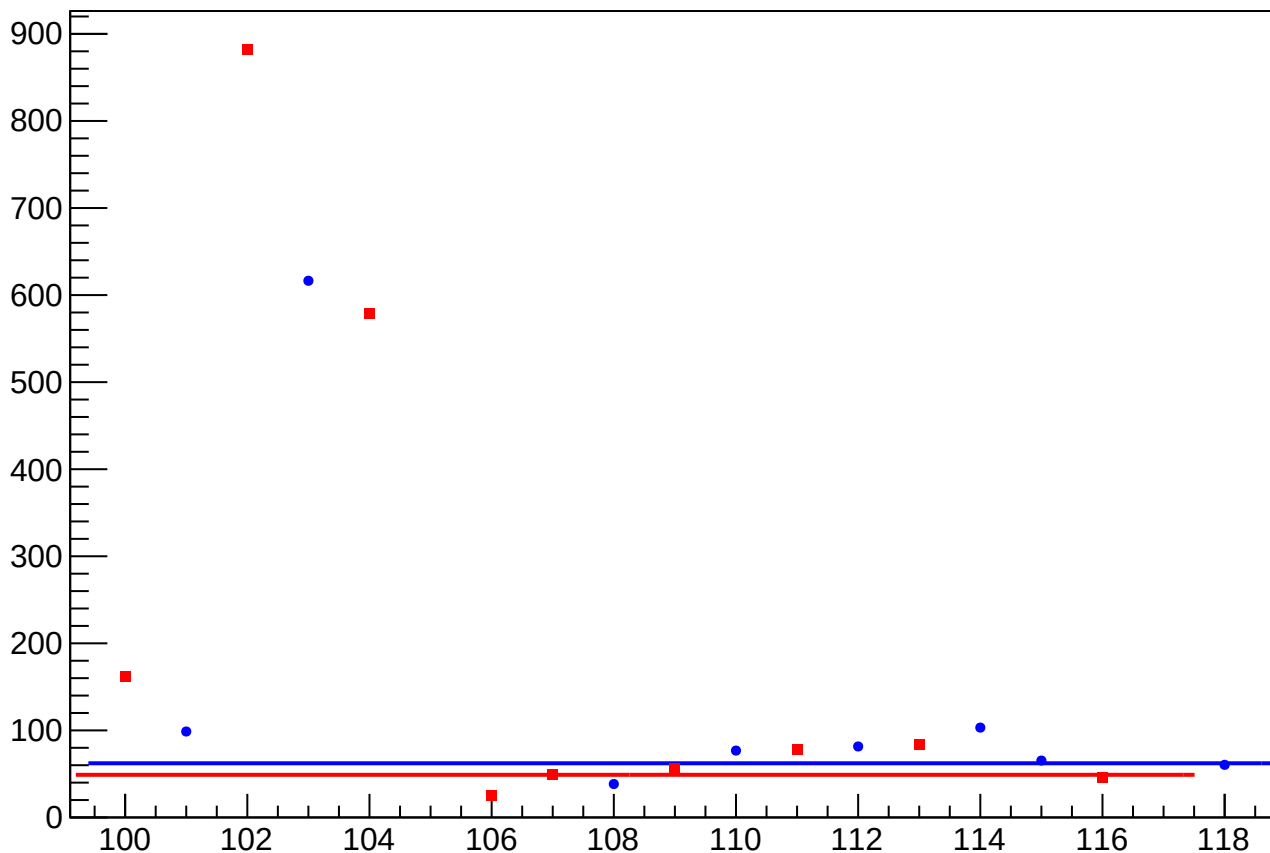
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.029 $\pm$ 0.027 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.227 $\pm$ 0.029 χ^2 /NDF: 1497849.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.985 $\pm$ 0.026 χ^2 /NDF: 2387052.1/8

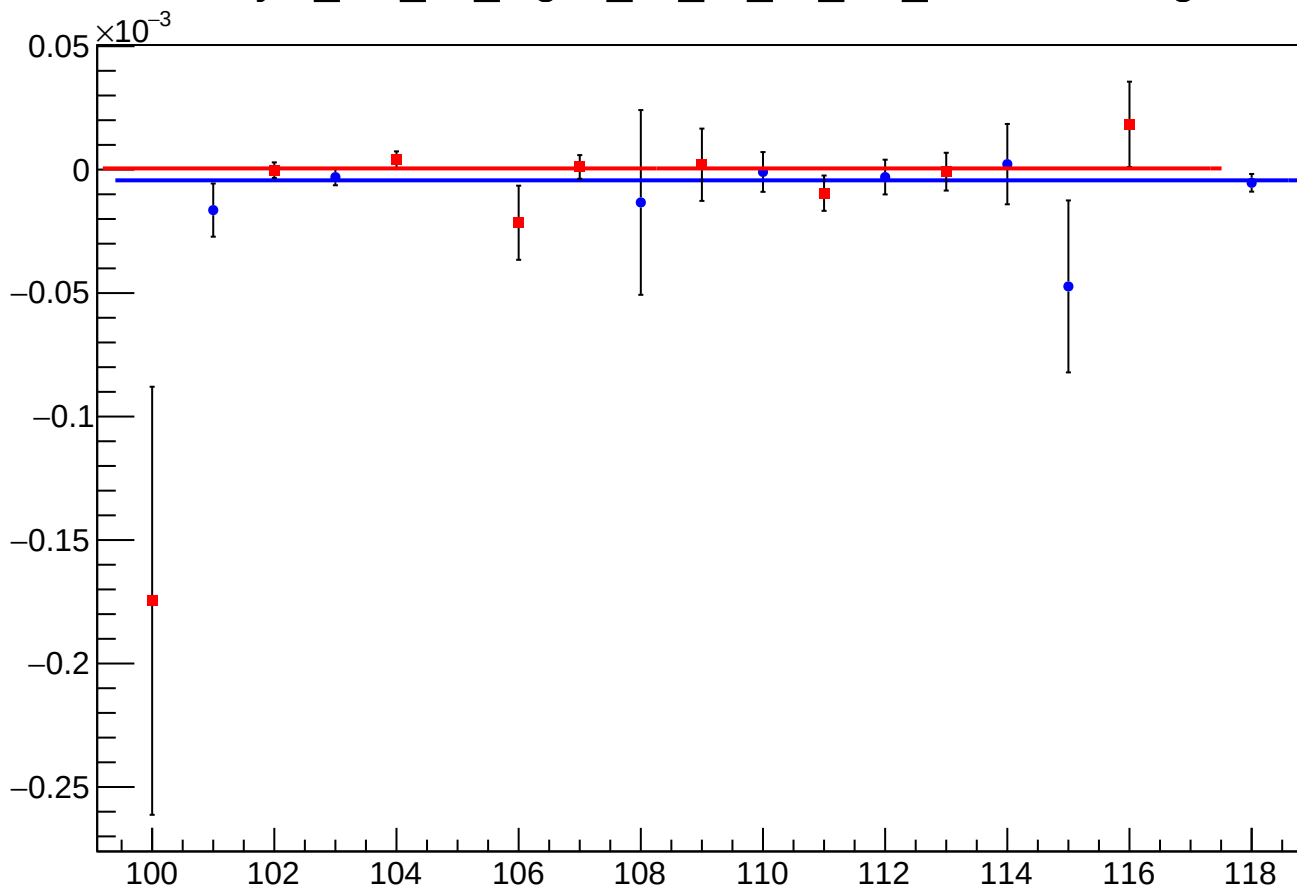
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.972 $\pm$ 0.019 χ^2 /NDF: 4001357.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 10.5/8

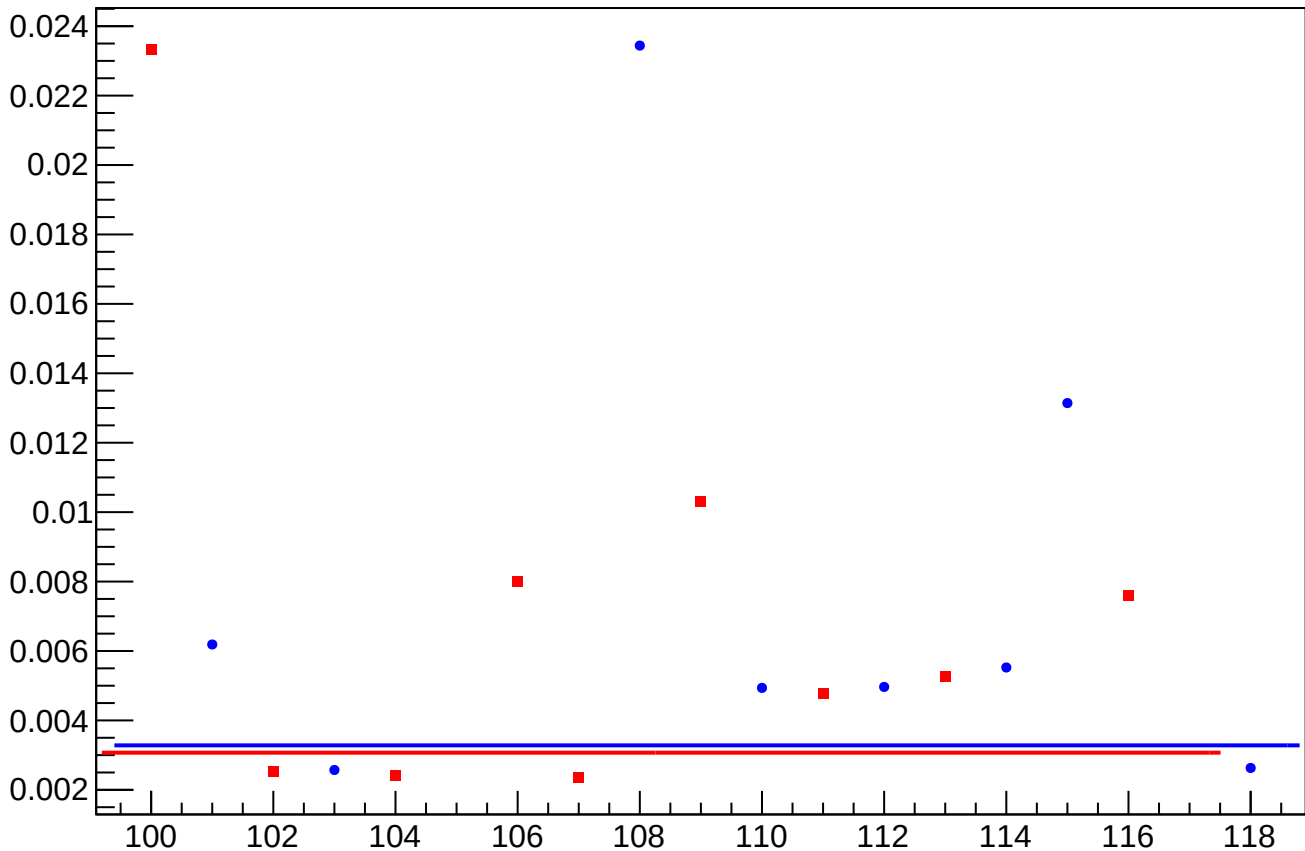
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 16.8/16

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1411726.0/8

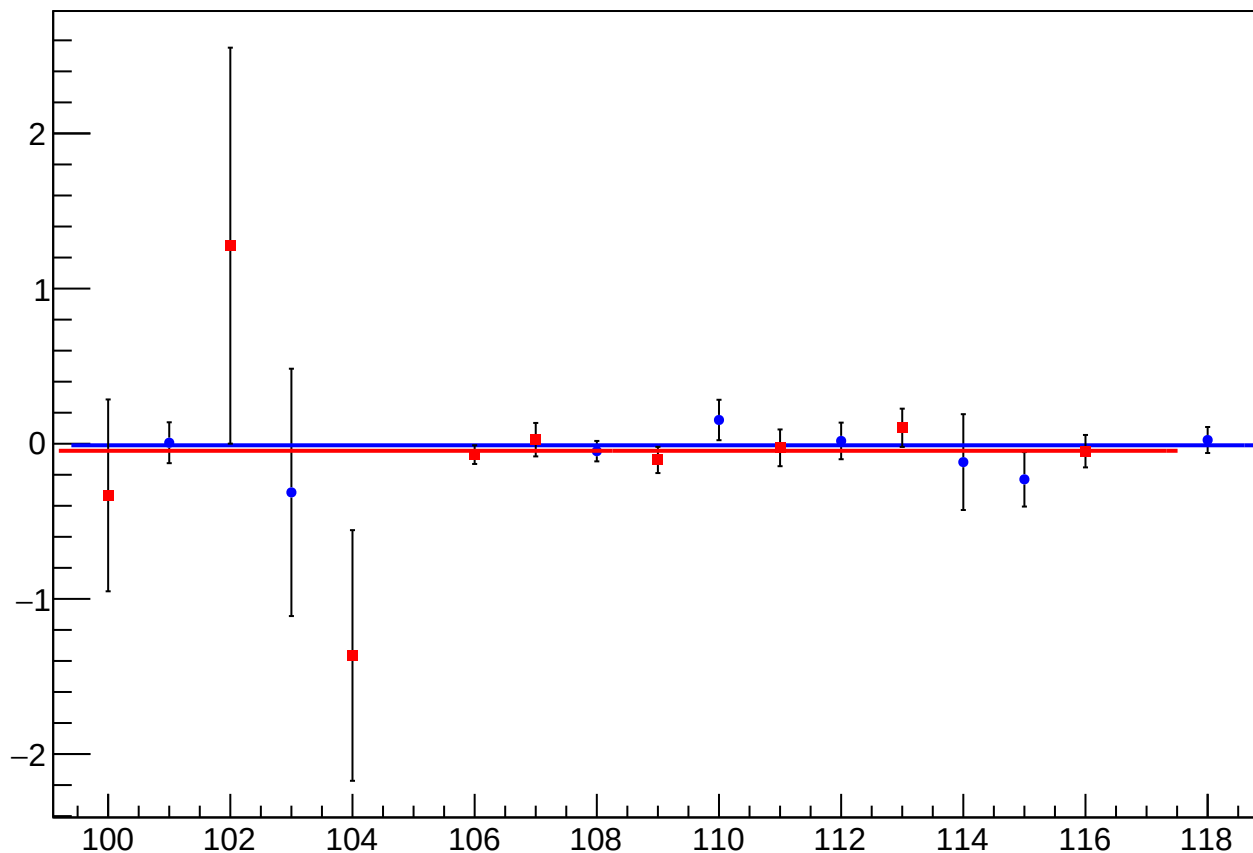
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2705193.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.045 $\pm$ 0.037 χ^2 /NDF: 6.5/8

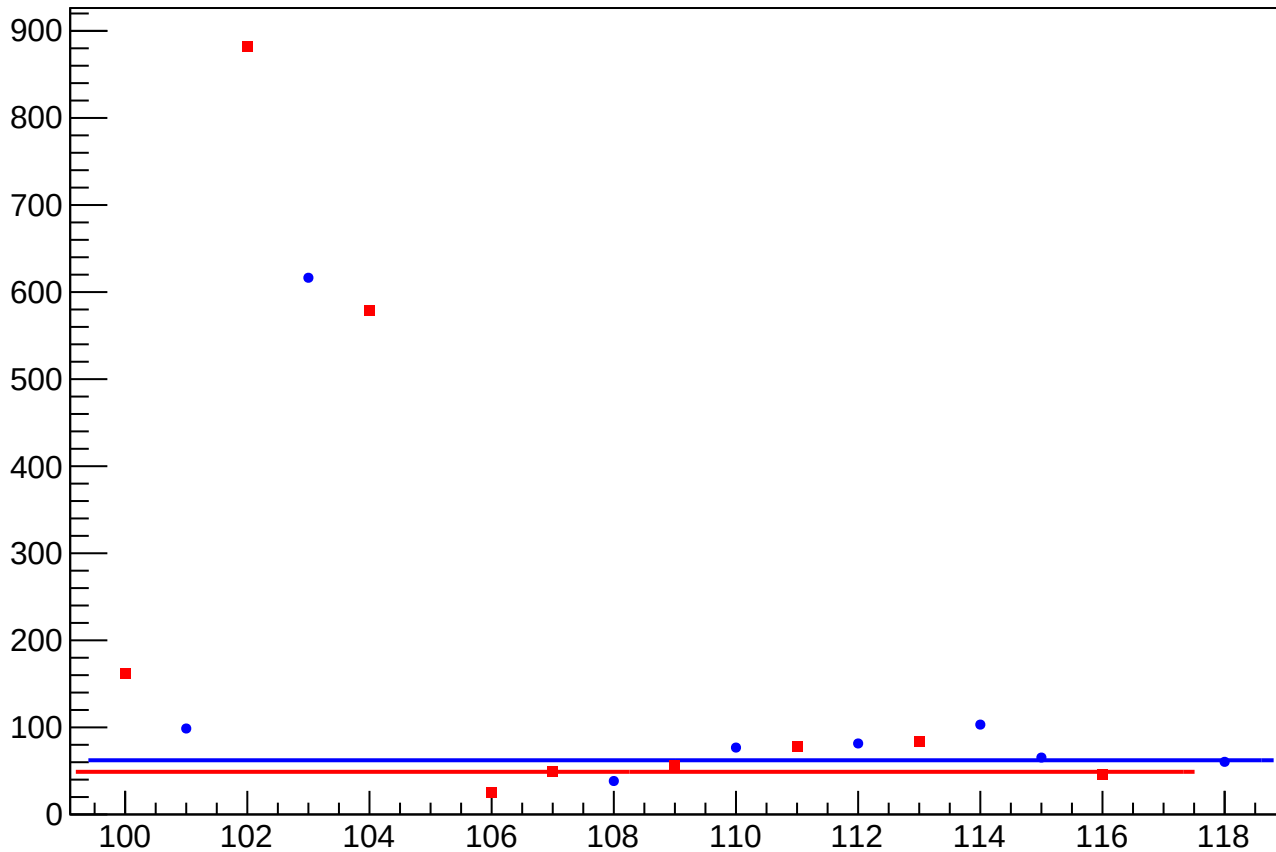
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.029 $\pm$ 0.027 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.242 $\pm$ 0.029 χ^2 /NDF: 1497254.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.977 $\pm$ 0.026 χ^2 /NDF: 2387432.9/8

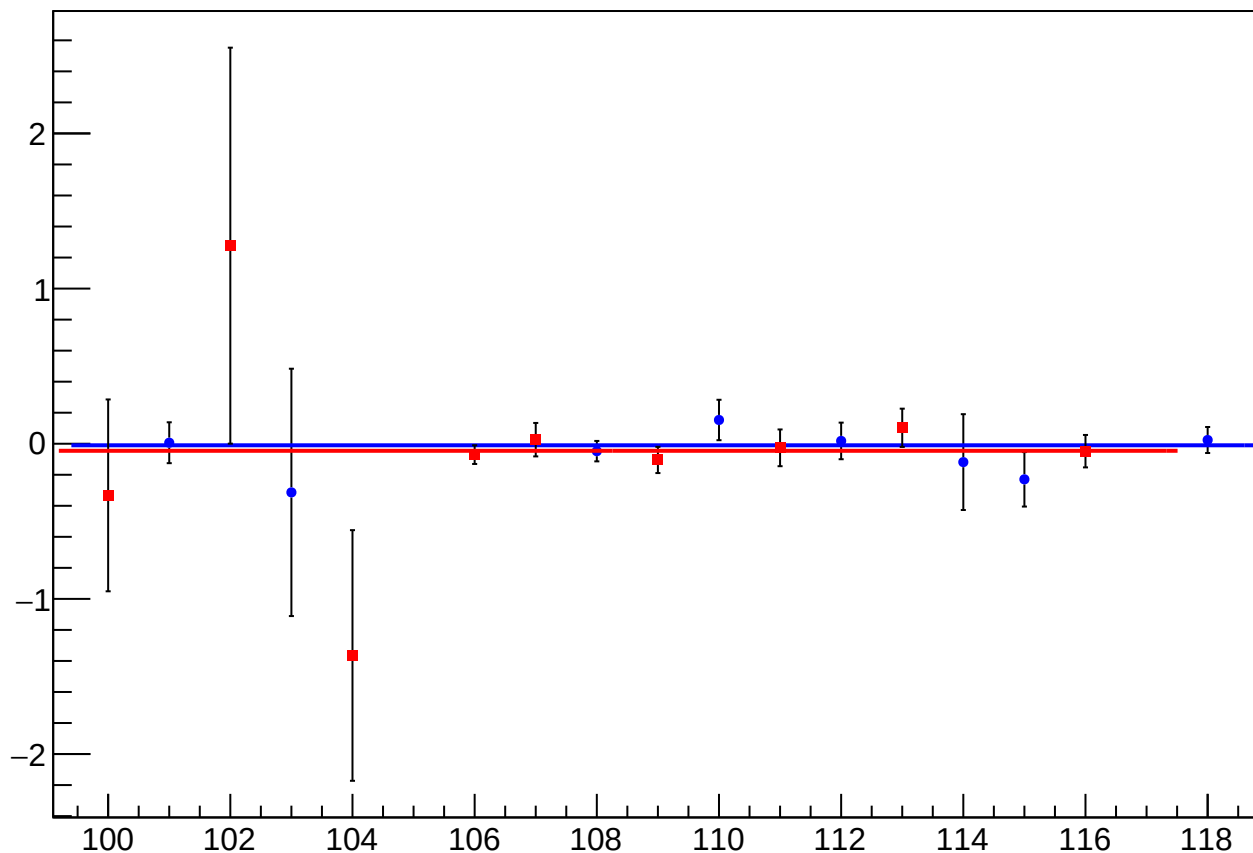
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.972 $\pm$ 0.019 χ^2 /NDF: 4001523.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.045 $\pm$ 0.037 χ^2 /NDF: 6.5/8

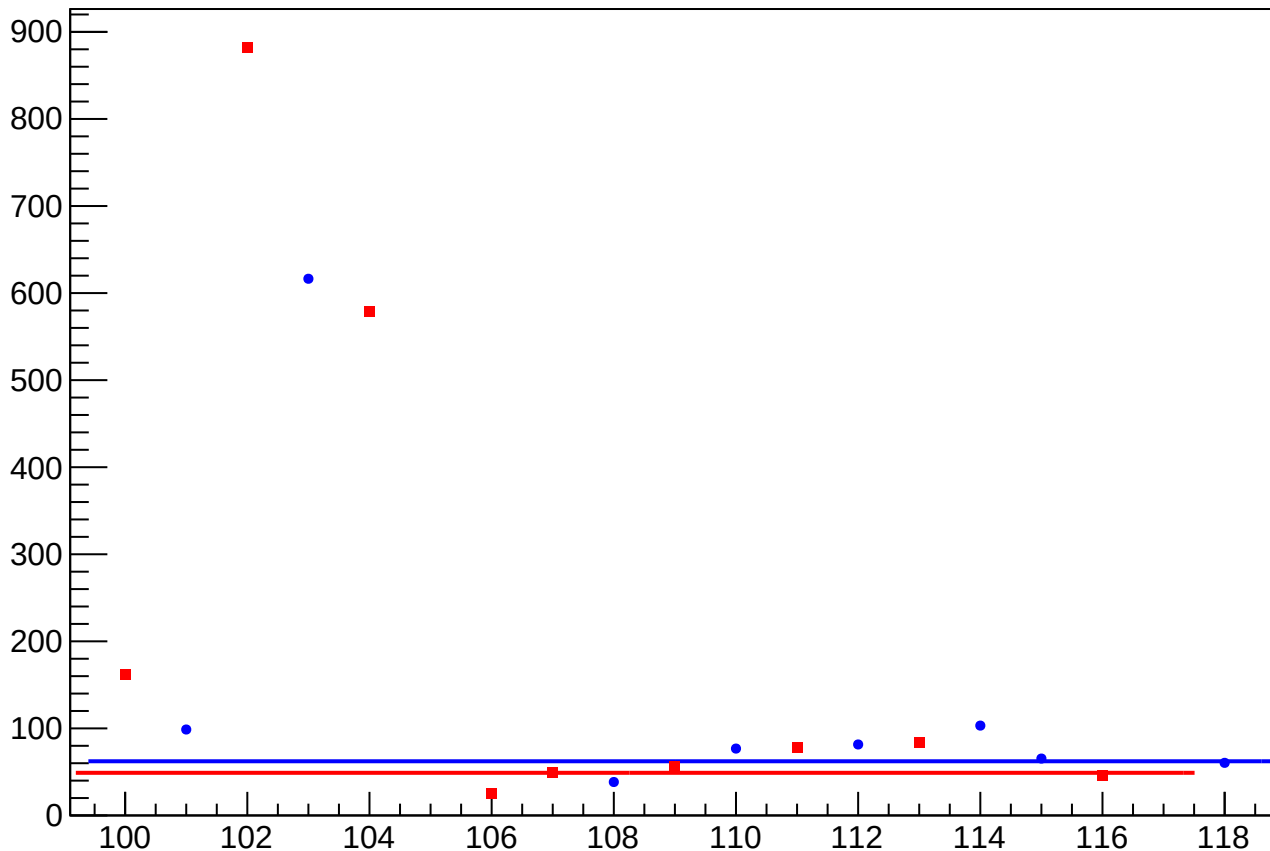
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.029 $\pm$ 0.027 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.242 $\pm$ 0.029 χ^2 /NDF: 1497254.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.977 $\pm$ 0.026 χ^2 /NDF: 2387432.9/8

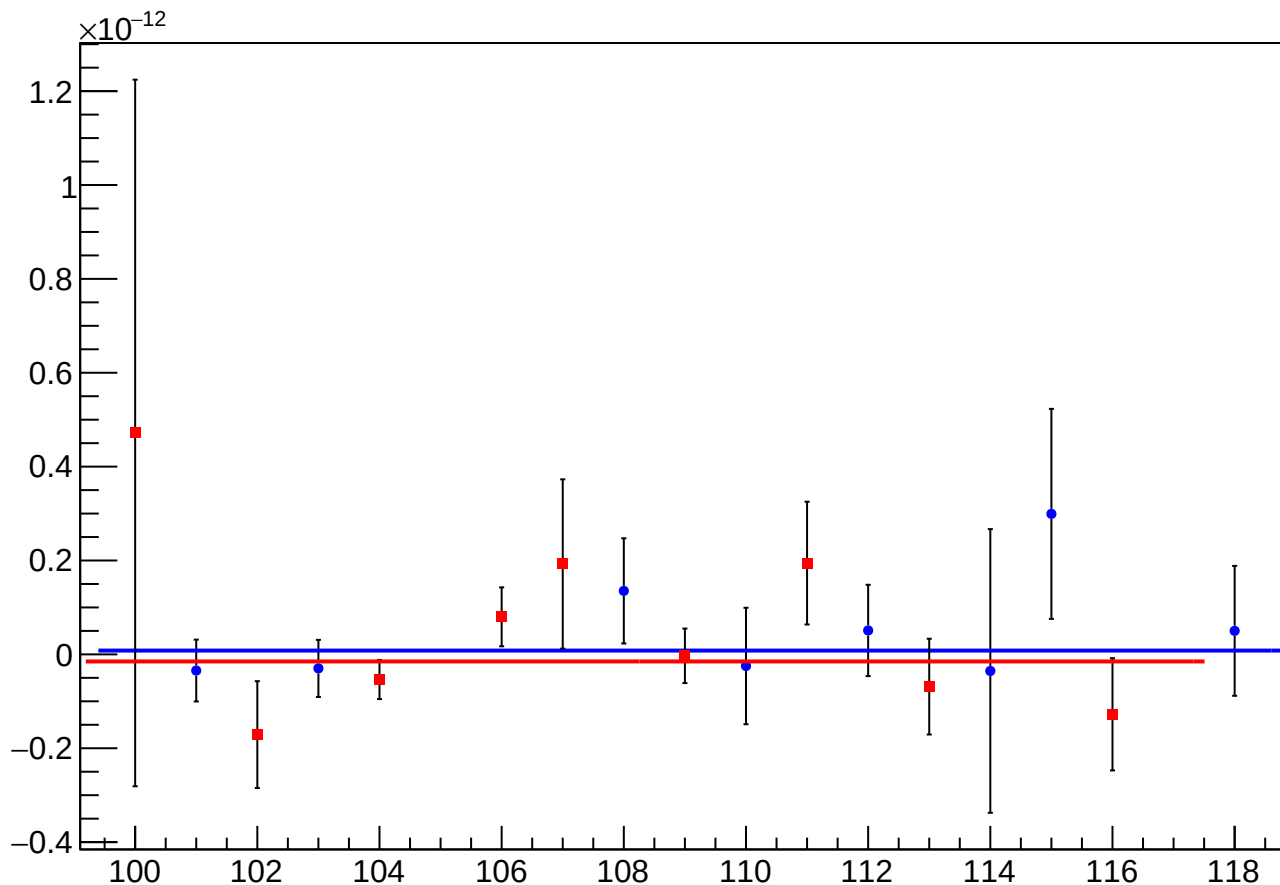
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.972 $\pm$ 0.019 χ^2 /NDF: 4001523.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 10.5/8

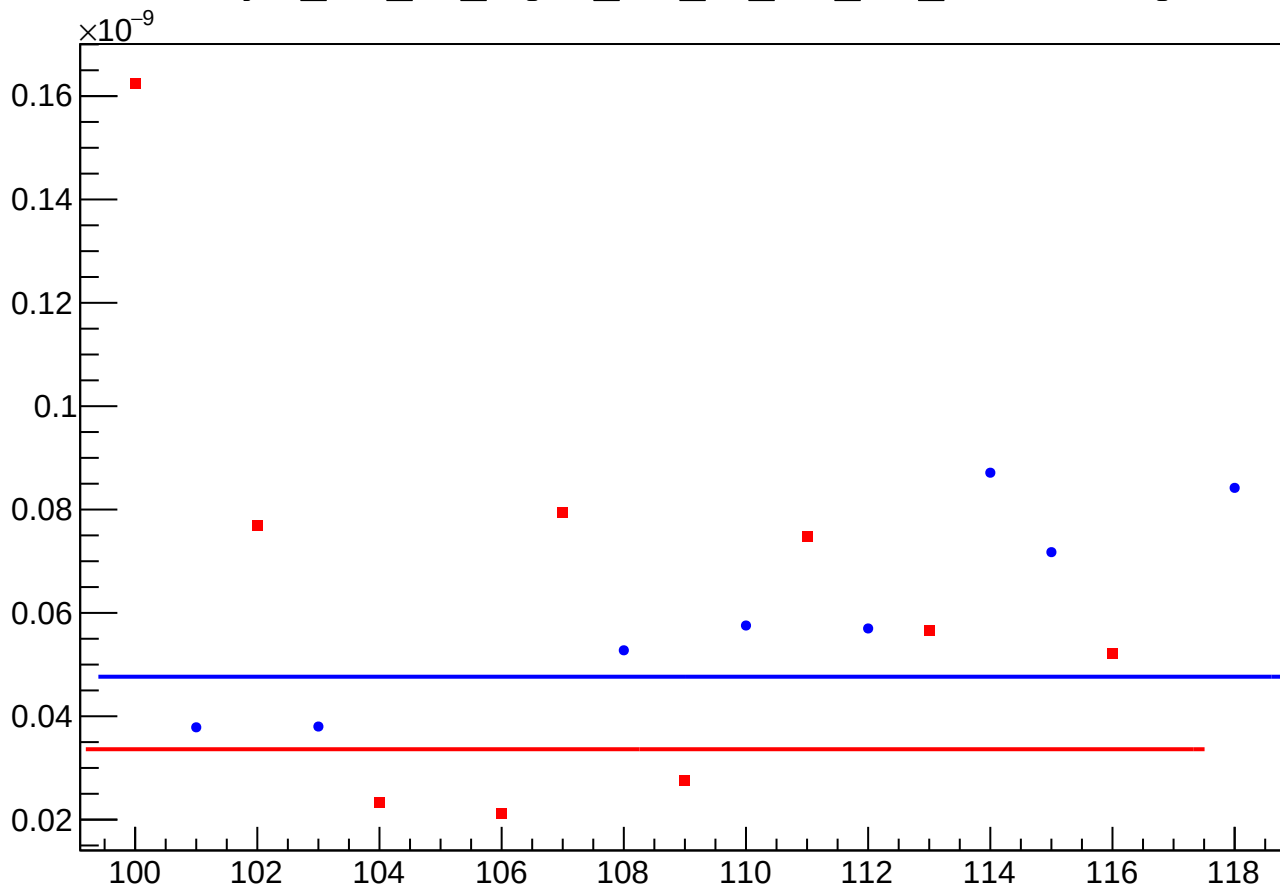
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1048996.1/8

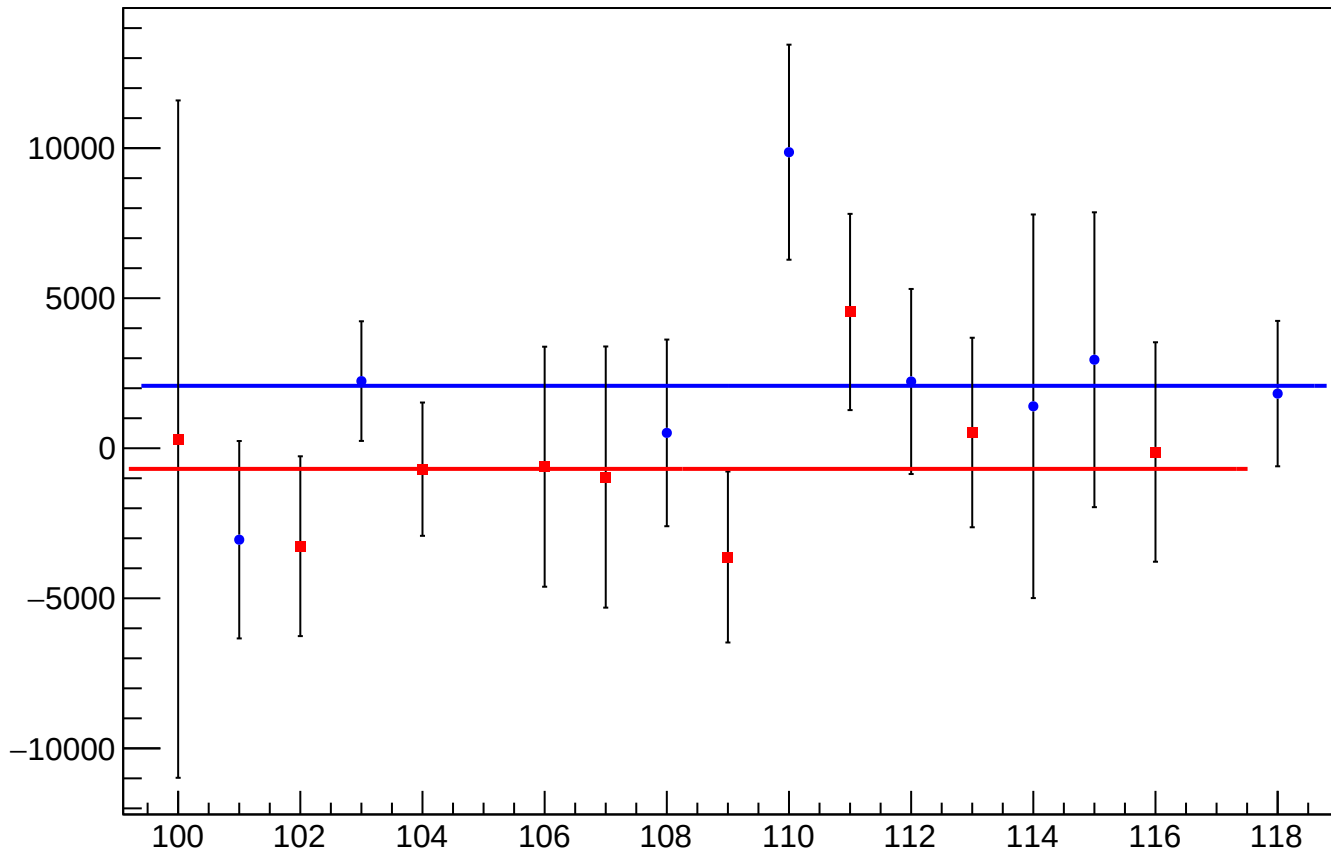
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1584619.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2080.346 $\pm$ 1074.052 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -687.811 $\pm$ 1098.146 χ^2 /NDF: 4.5/8

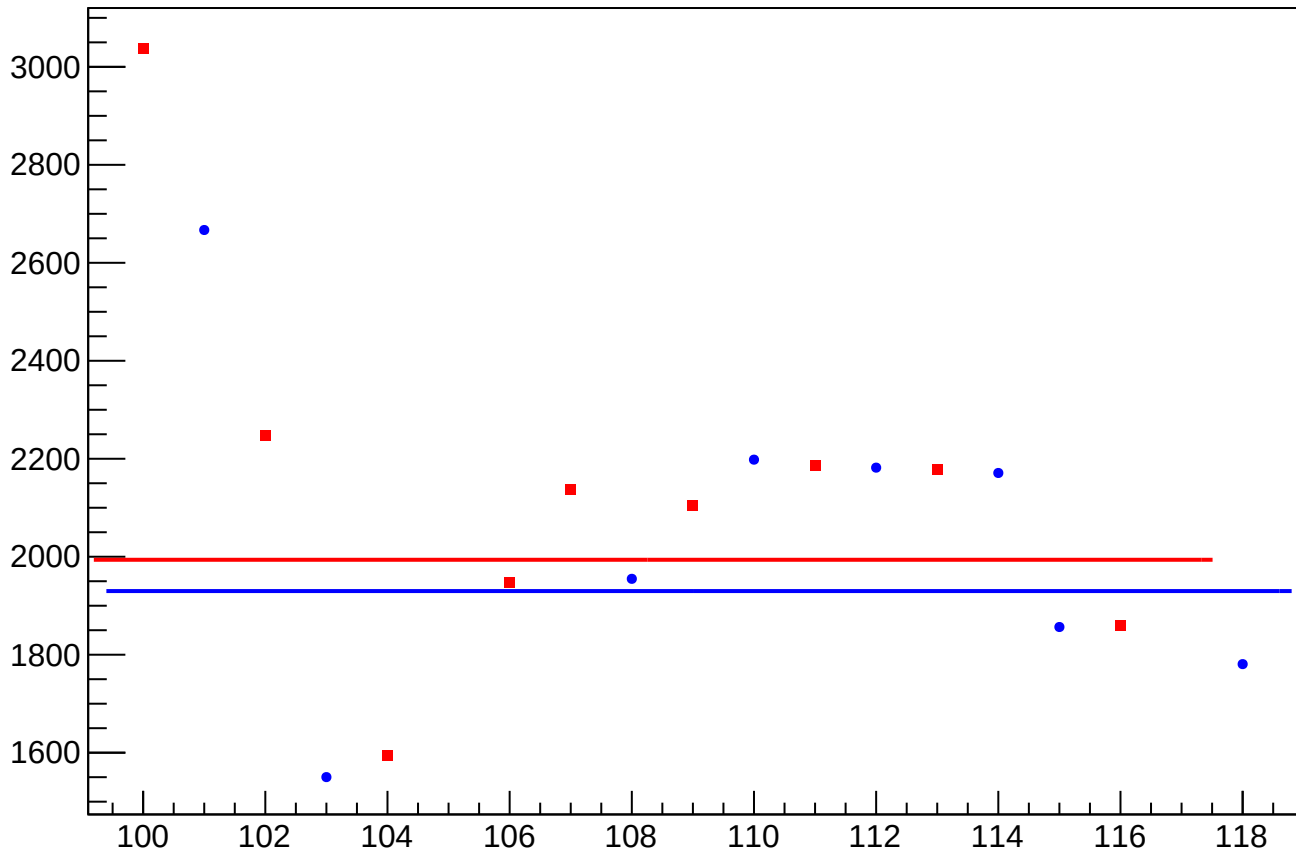
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 726.969 $\pm$ 767.846 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



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: 1993.796+/-0.772 χ^2/NDF : 117786.4/8

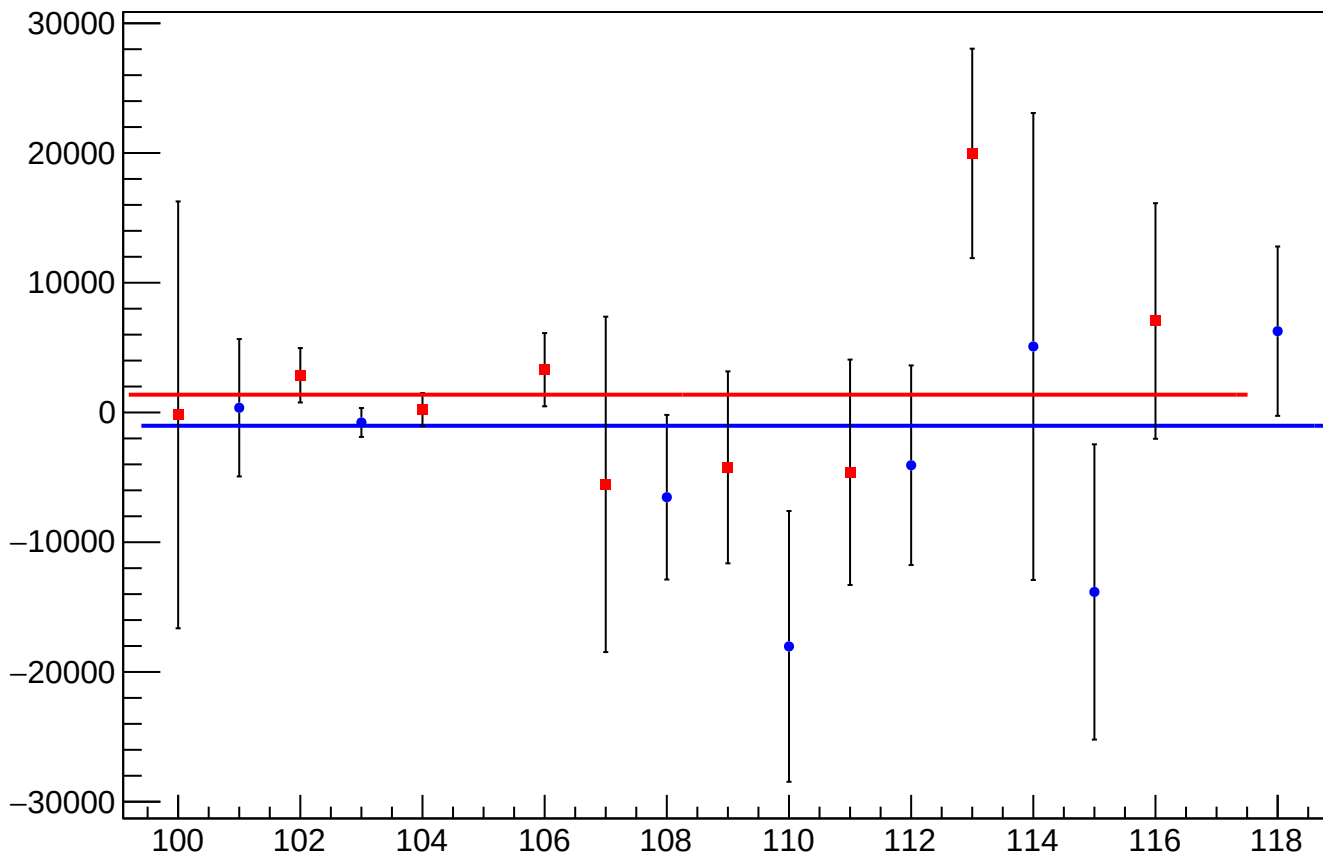
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1961.330+/-0.541 χ^2/NDF : 329853.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



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: 1371.897+/-982.319 χ^2/NDF : 8.8/8

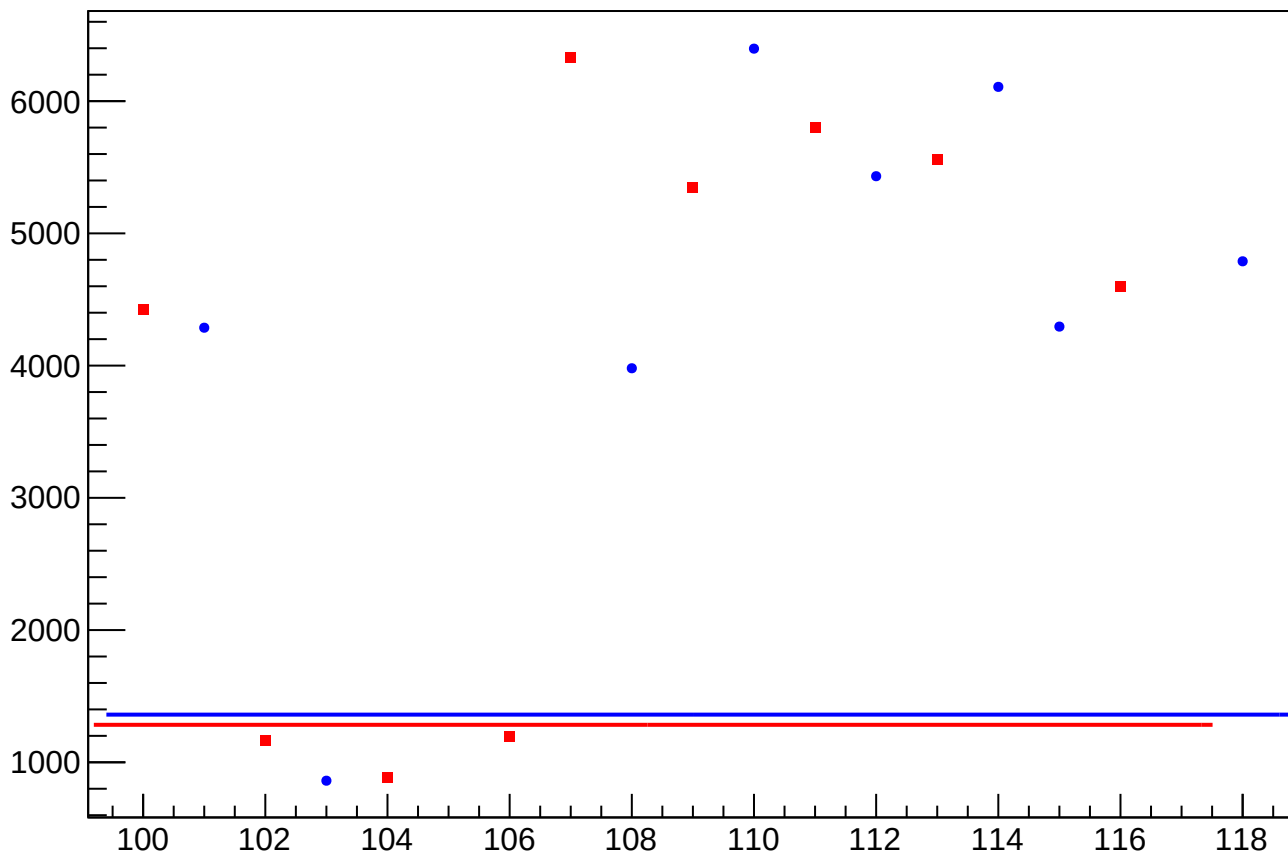
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.396+/-713.841 χ^2/NDF : 18.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1360.502+/-0.735 χ^2/NDF : 3204045.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1283.472+/-0.695 χ^2/NDF : 2553940.1/8

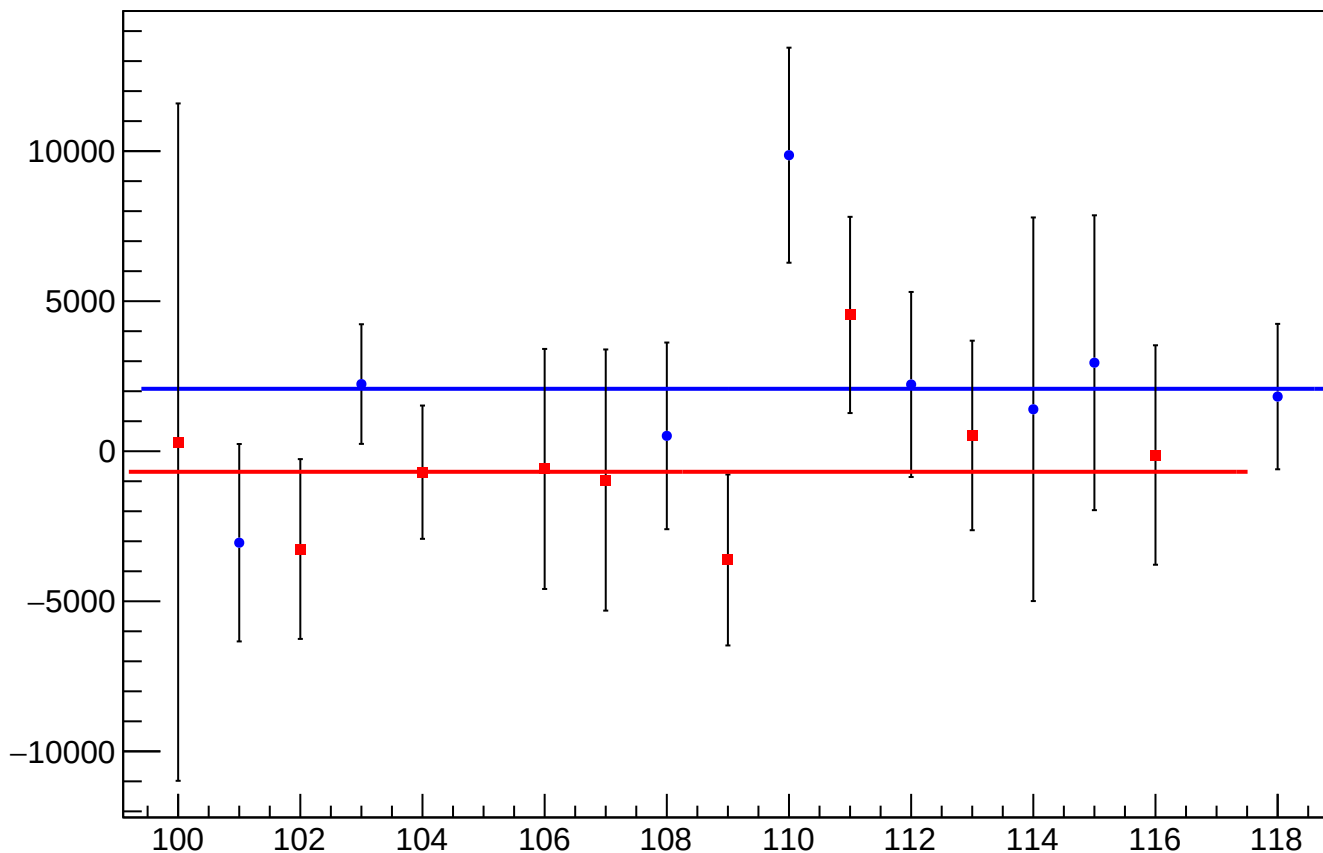
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1319.824+/-0.505 χ^2/NDF : 5763789.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2080.624 $\pm$ 1074.052 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -684.911 $\pm$ 1098.150 χ^2 /NDF: 4.5/8

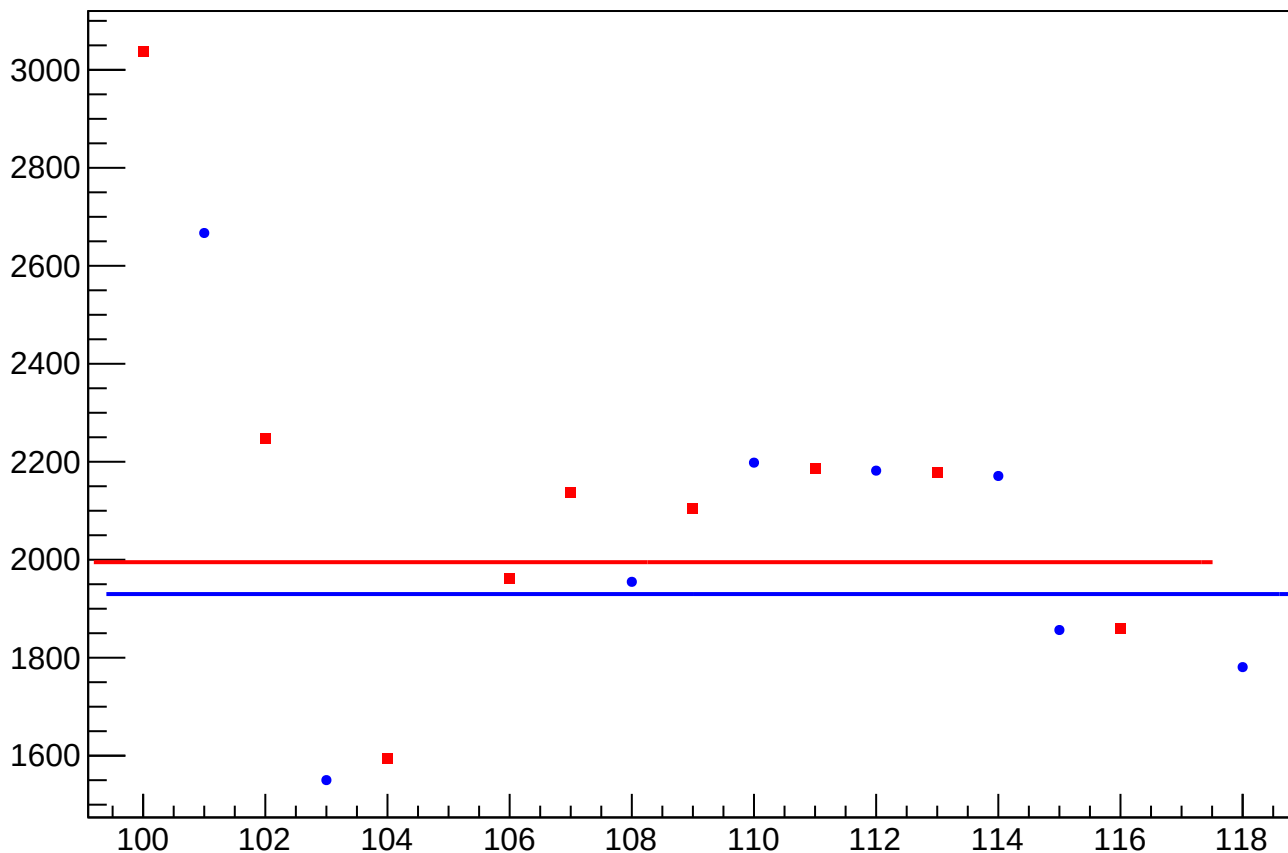
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 728.533 $\pm$ 767.848 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1929.924 $\pm$ 0.759 χ^2 /NDF: 208589.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1995.006 $\pm$ 0.773 χ^2 /NDF: 117630.2/8

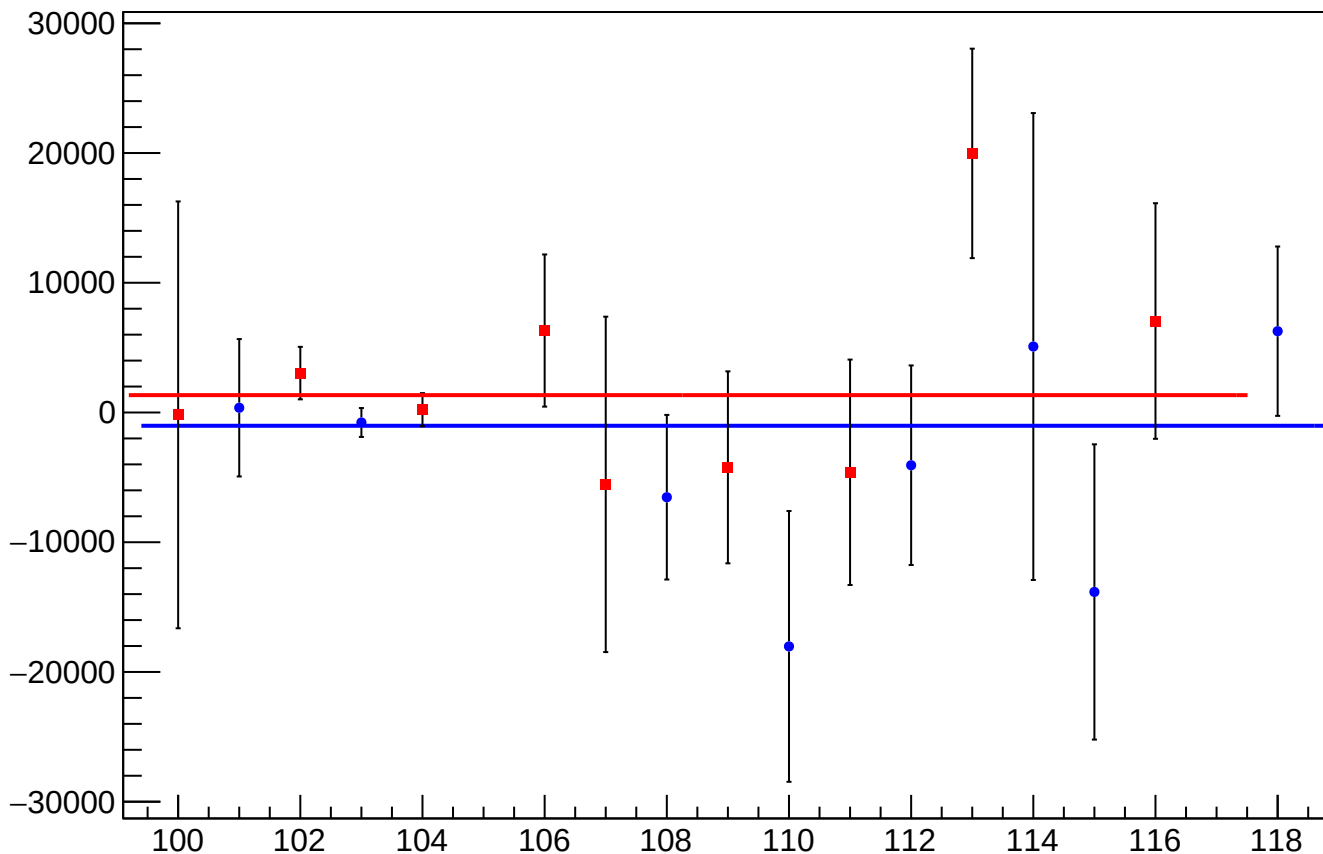
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1961.907 $\pm$ 0.542 χ^2 /NDF: 329828.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -1023.042 $\pm$ 1039.053 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1337.769 $\pm$ 1022.397 χ^2 /NDF: 9.2/8

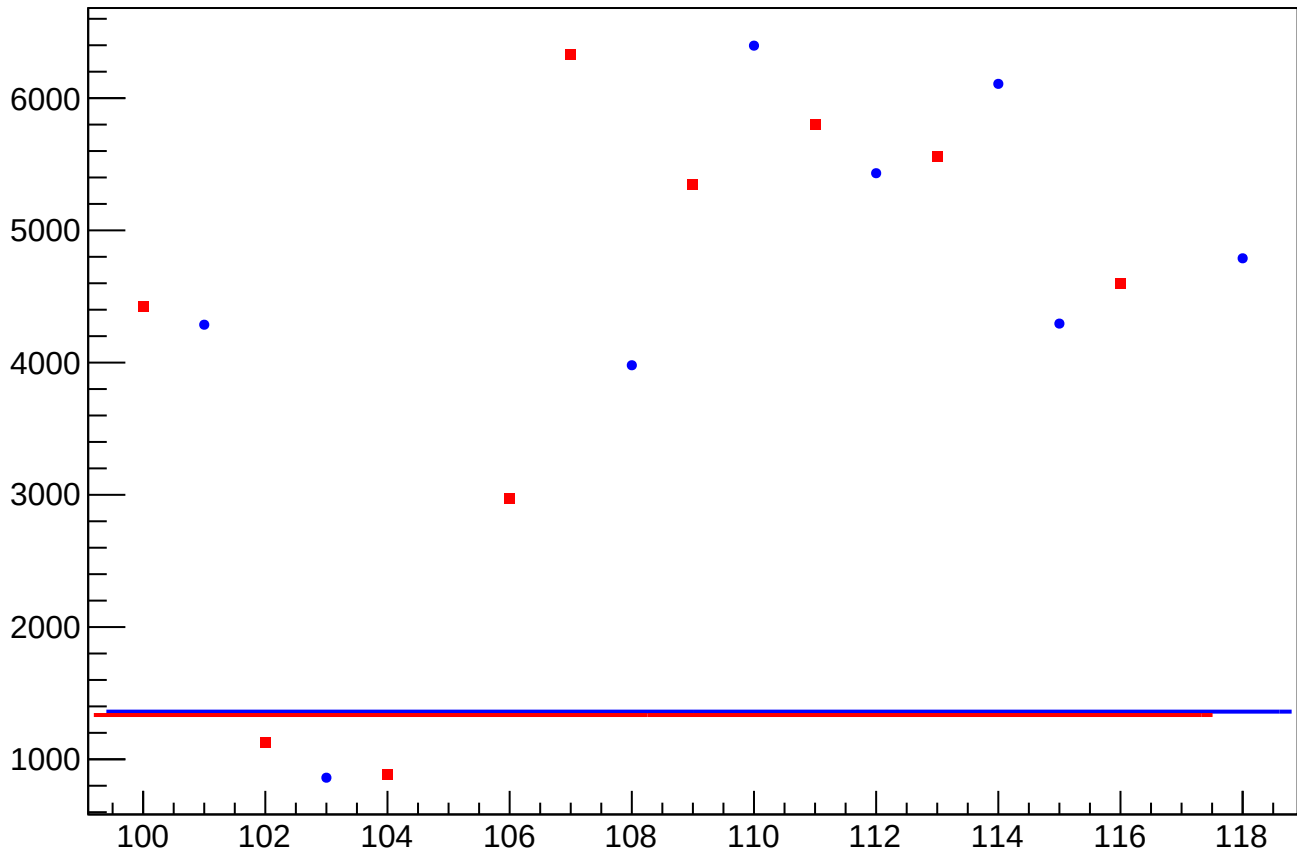
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 176.438 $\pm$ 728.761 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1360.388 $\pm$ 0.735 χ^2 /NDF: 3204194.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.841 $\pm$ 0.723 χ^2 /NDF: 2717409.5/8

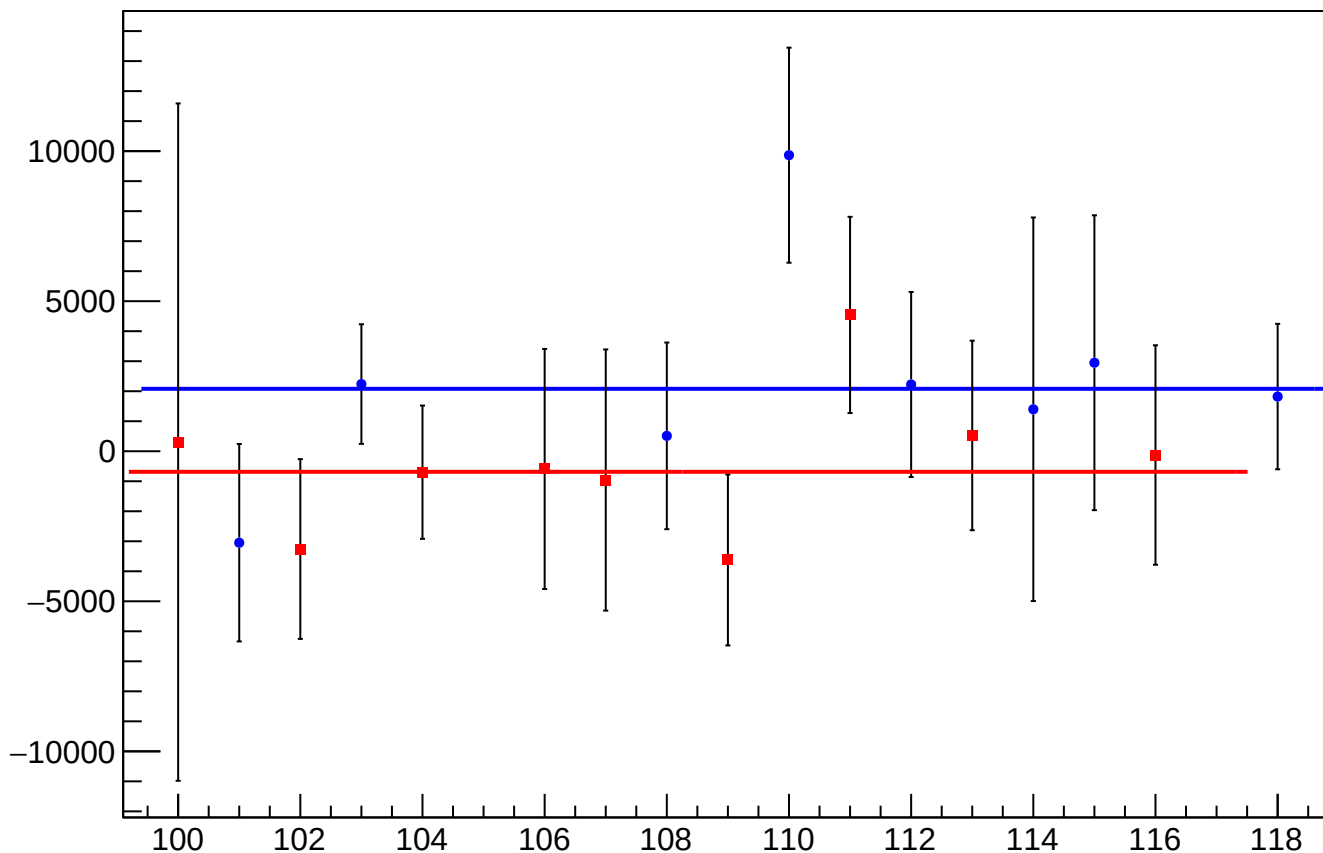
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.408 $\pm$ 0.515 χ^2 /NDF: 5922218.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2080.624 $\pm$ 1074.052 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -684.911 $\pm$ 1098.150 χ^2 /NDF: 4.5/8

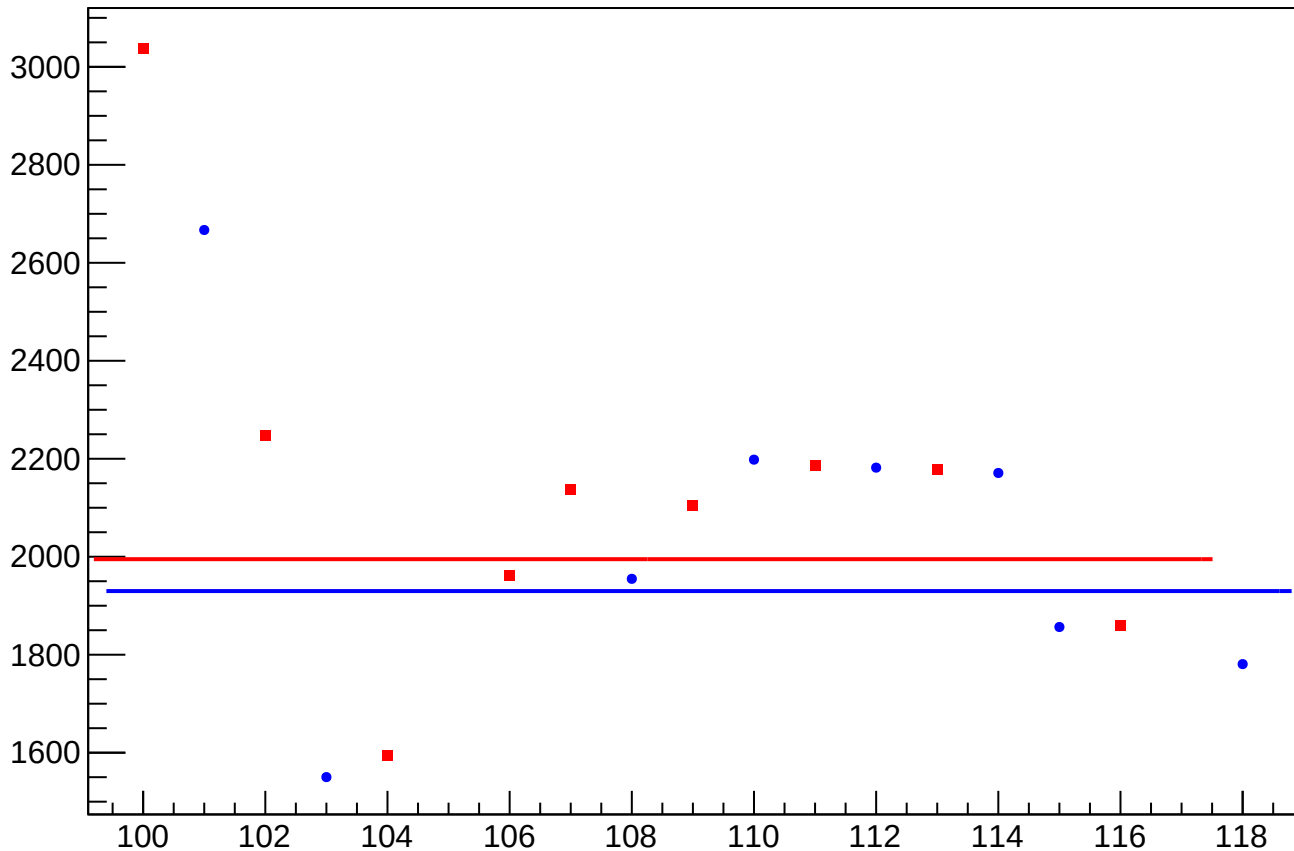
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 728.533 $\pm$ 767.848 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1929.924 $\pm$ 0.759 χ^2 /NDF: 208589.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1995.006 $\pm$ 0.773 χ^2 /NDF: 117630.2/8

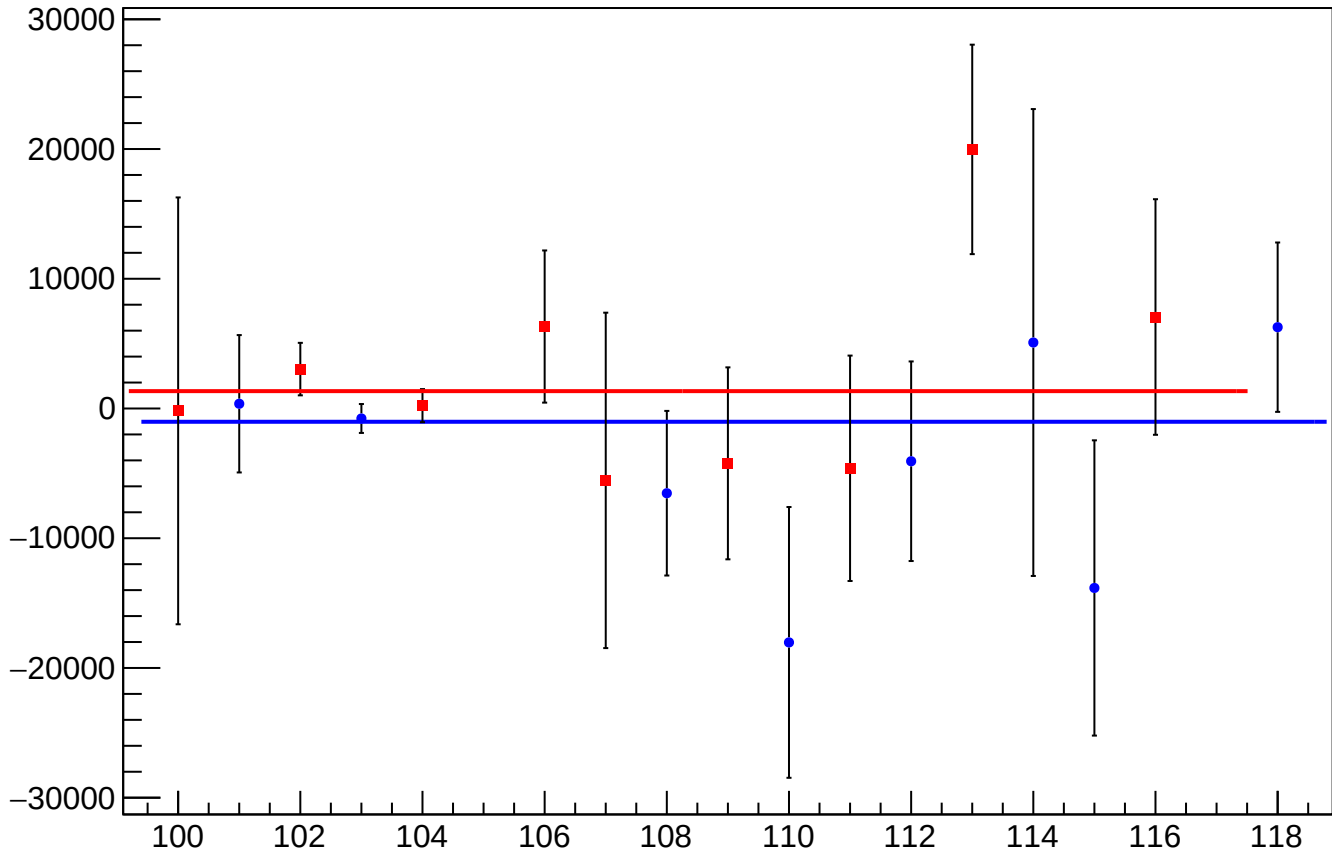
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1961.907 $\pm$ 0.542 χ^2 /NDF: 329828.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



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: 1337.769+/-1022.397 χ^2 /NDF: 9.2/8

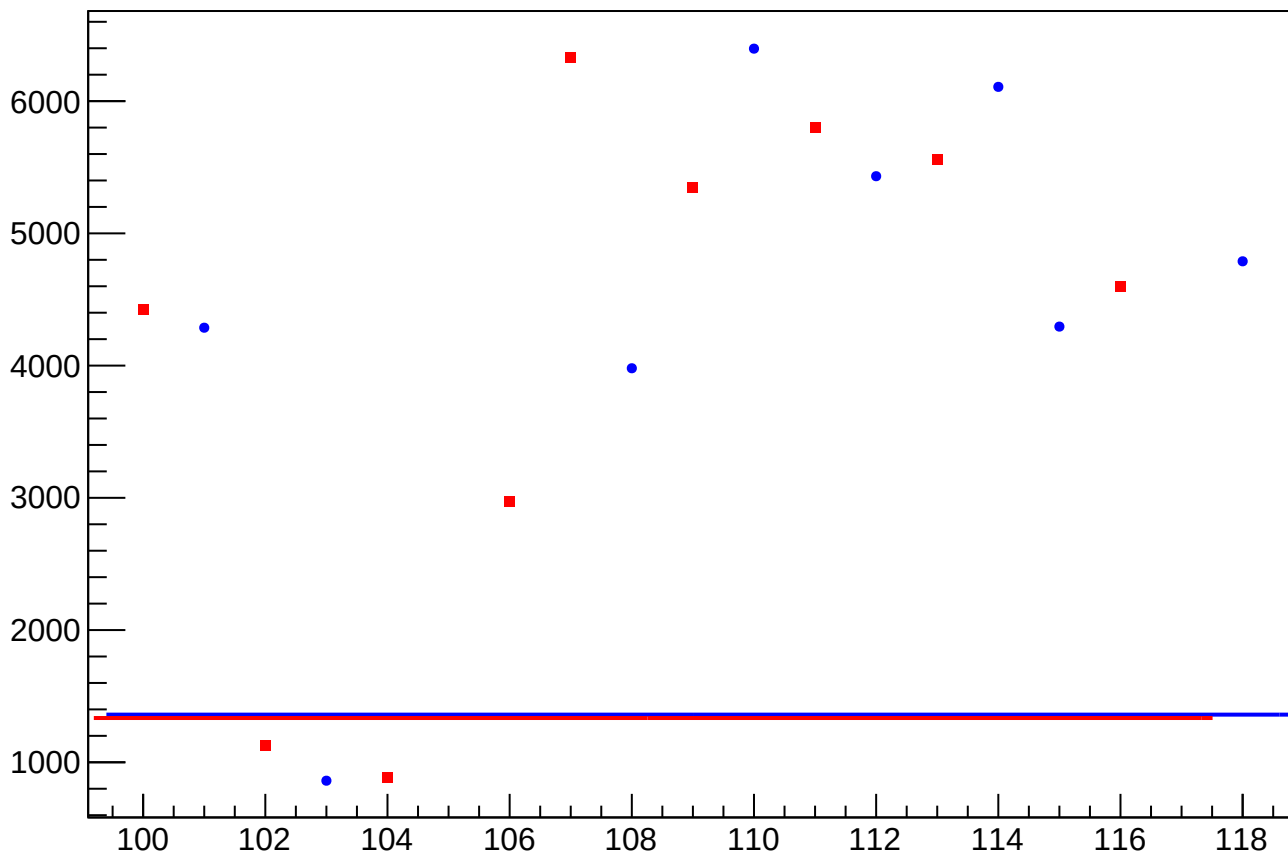
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 176.438+/-728.761 χ^2 /NDF: 18.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1360.388 $\pm$ 0.735 χ^2 /NDF: 3204194.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.841 $\pm$ 0.723 χ^2 /NDF: 2717409.5/8

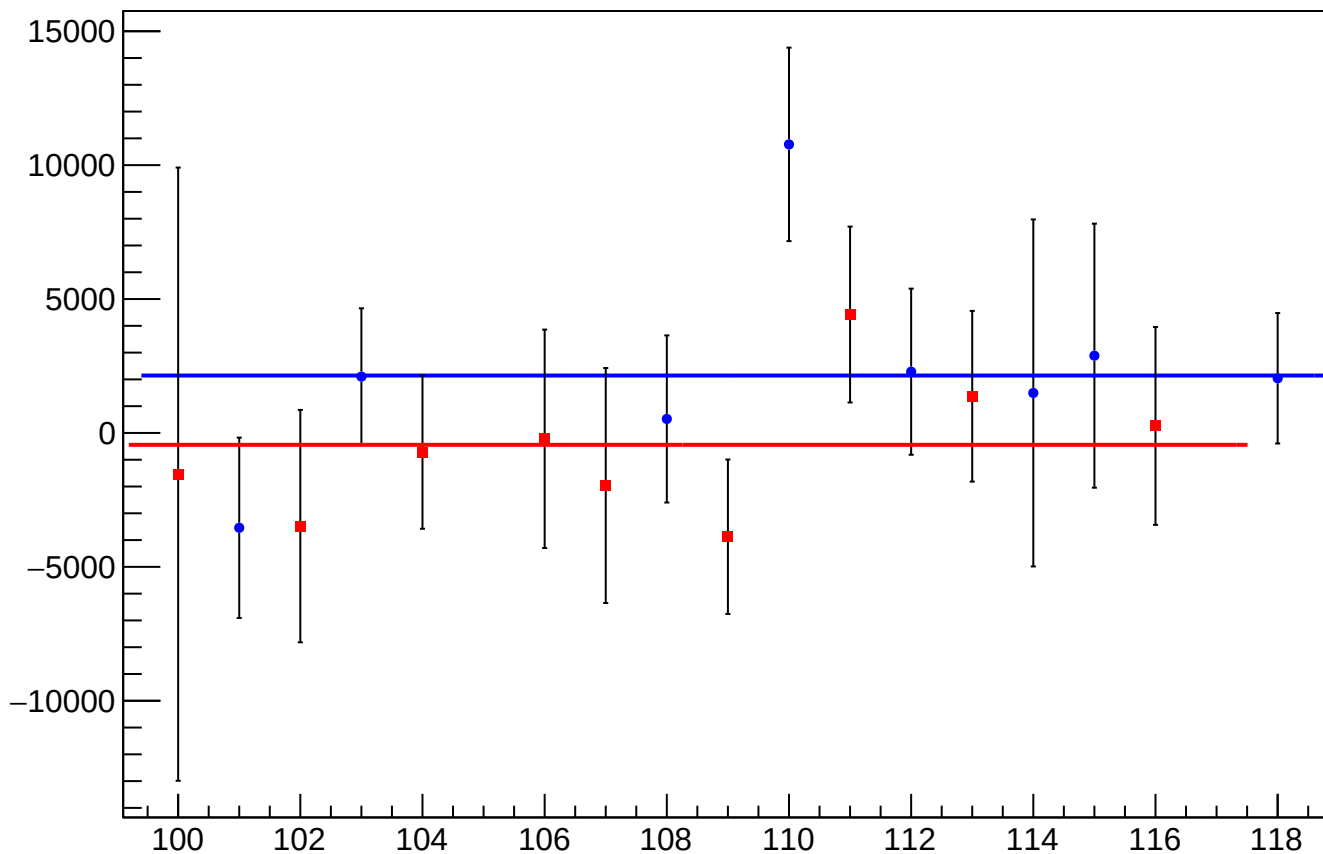
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.408 $\pm$ 0.515 χ^2 /NDF: 5922218.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



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: -443.483+/-1212.627 χ^2/NDF : 4.6/8

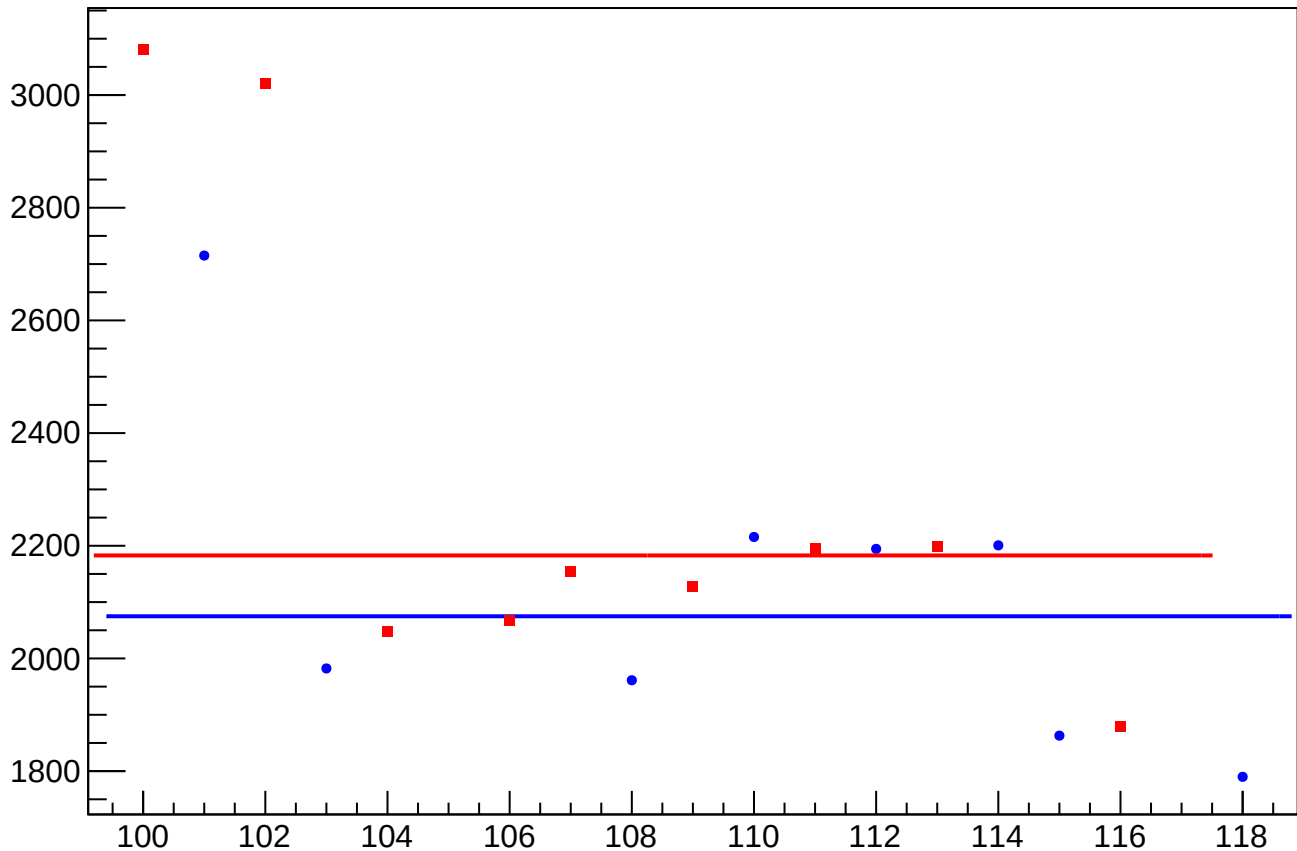
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 921.260+/-833.637 χ^2/NDF : 15.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



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: 2182.822+/-0.855 χ^2/NDF : 107456.4/8

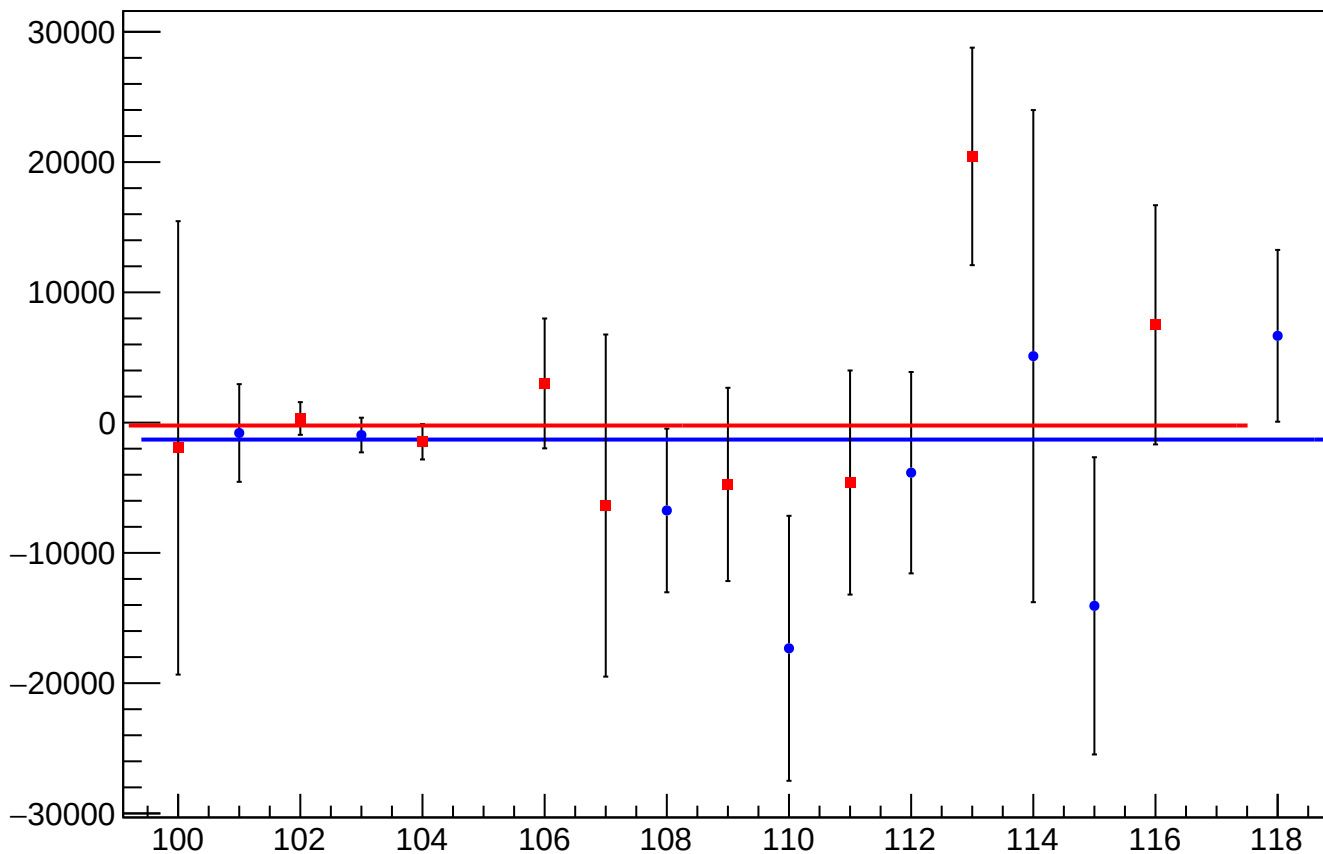
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.017+/-0.589 χ^2/NDF : 231294.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



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: -221.957+/-882.048 χ^2 /NDF: 9.1/8

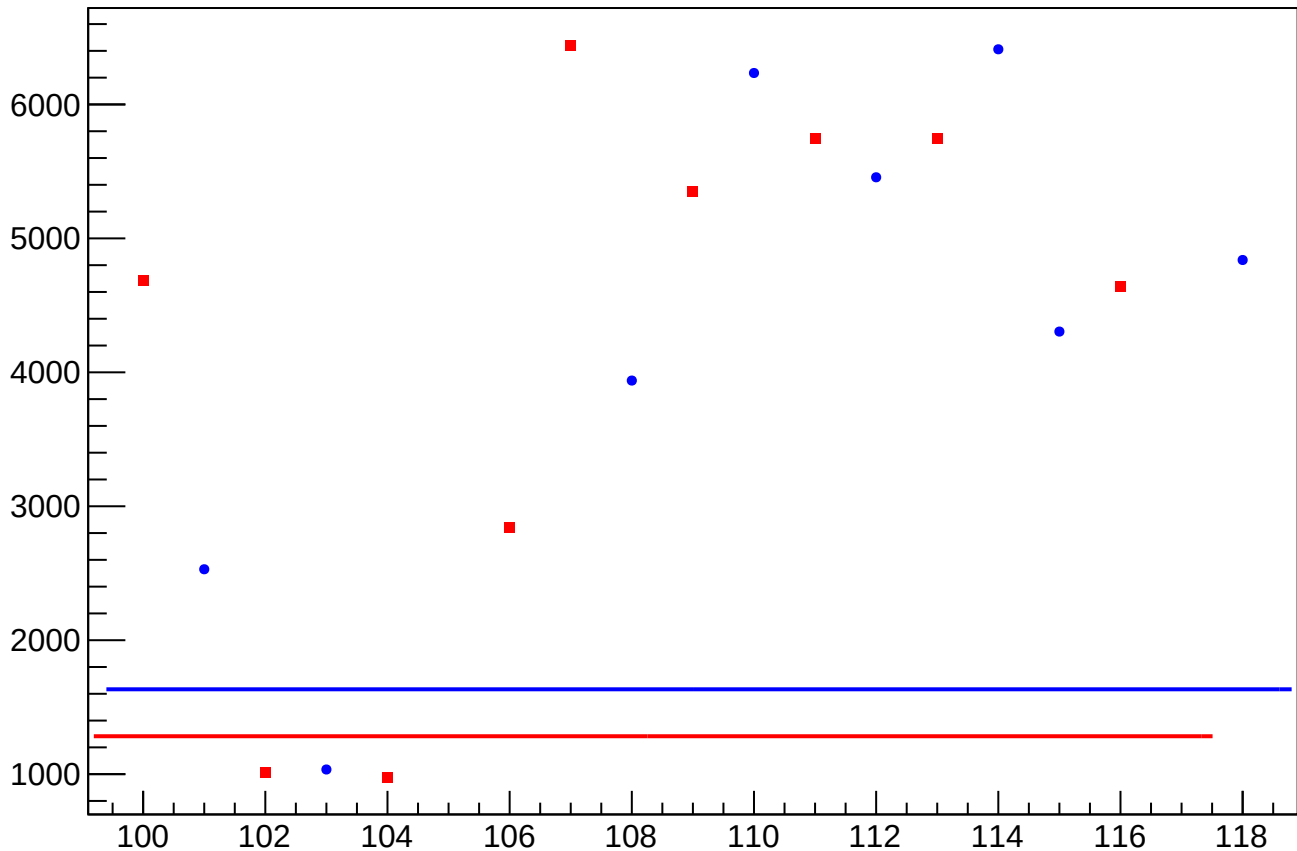
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -609.626+/-705.927 χ^2 /NDF: 15.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1633.502+/-0.833 χ^2/NDF : 2397281.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

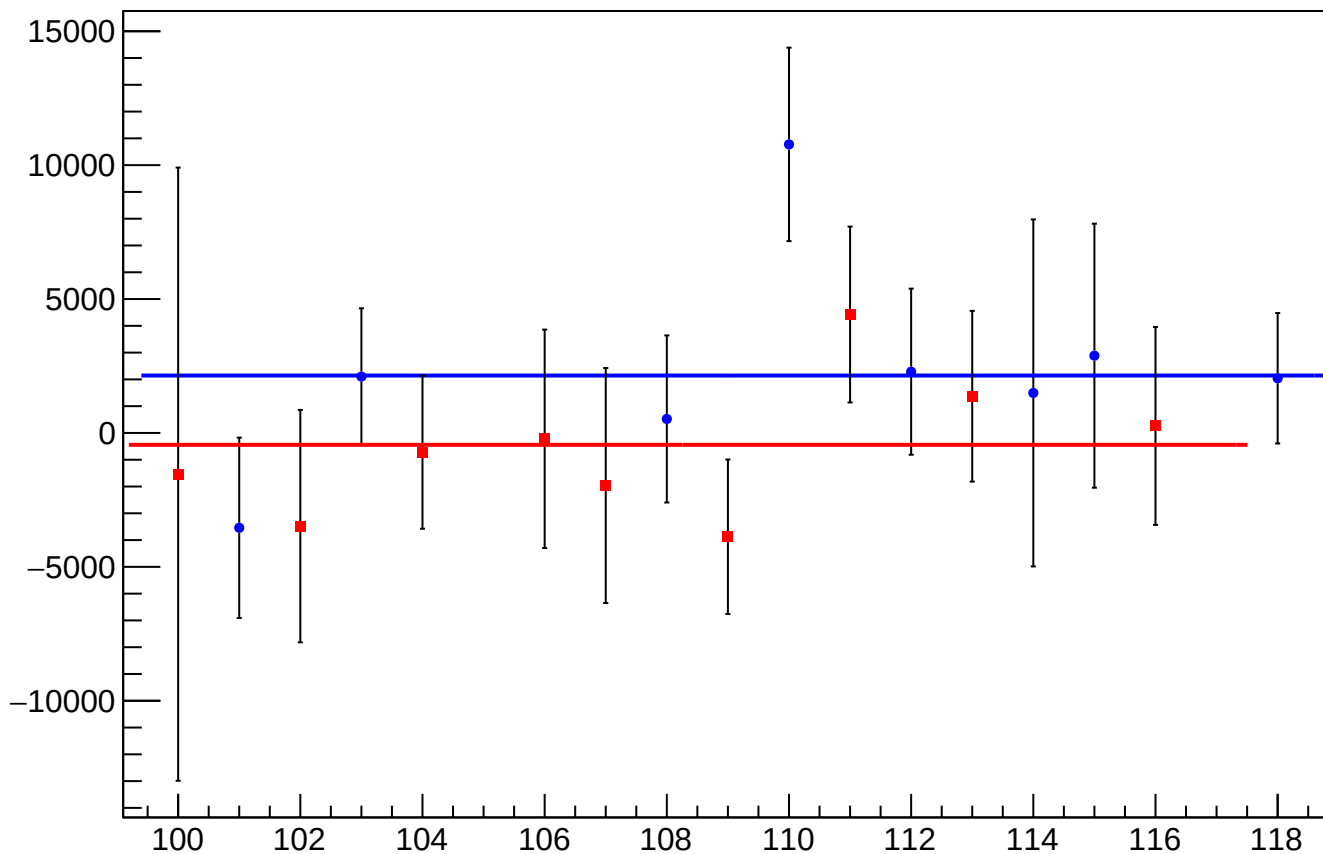
Right Out: 1283.080+/-0.624 χ^2/NDF : 2757734.6/8

All: 1409.048+/-0.499 χ^2/NDF : 5268491.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_mean vs Slug



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: -443.487 +/- 1212.627 χ^2/NDF : 4.6/8

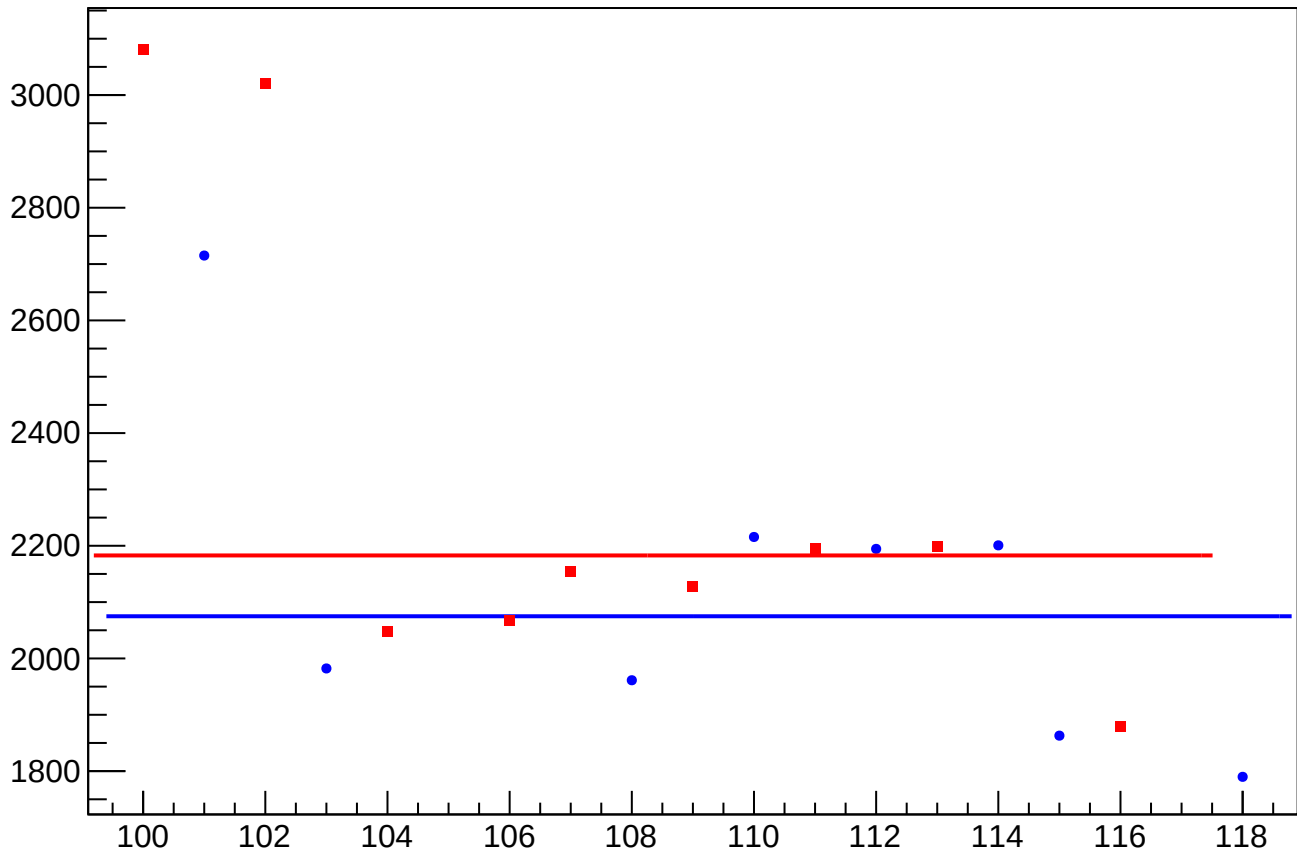
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 921.254 +/- 833.636 χ^2/NDF : 15.9/16

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



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: 2182.820+/-0.855 χ^2/NDF : 107455.9/8

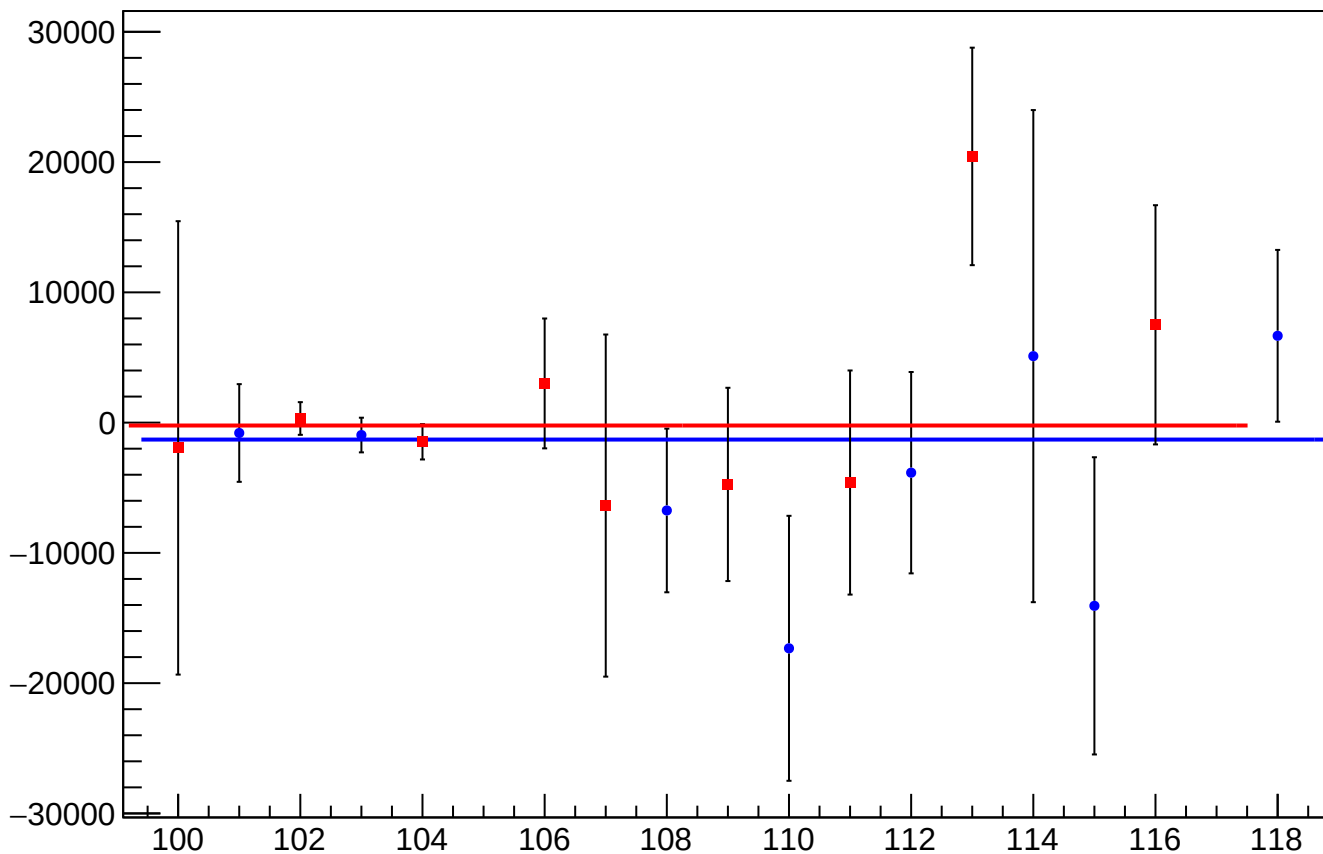
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.015+/-0.589 χ^2/NDF : 231294.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



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: -221.951+/-882.047 χ^2 /NDF: 9.1/8

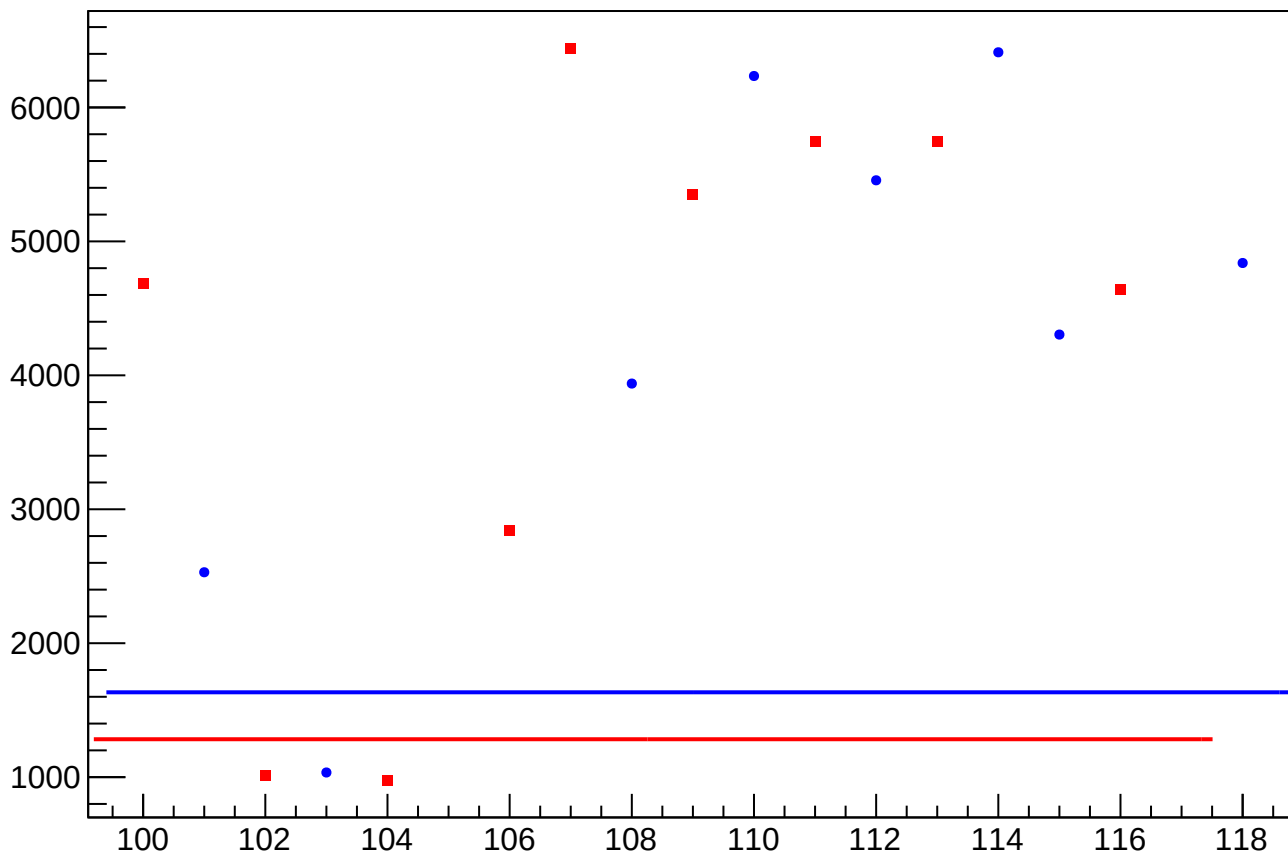
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -609.624+/-705.927 χ^2 /NDF: 15.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1633.502 $\pm$ 0.833 χ^2 /NDF: 2397279.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1283.079 $\pm$ 0.624 χ^2 /NDF: 2757732.7/8

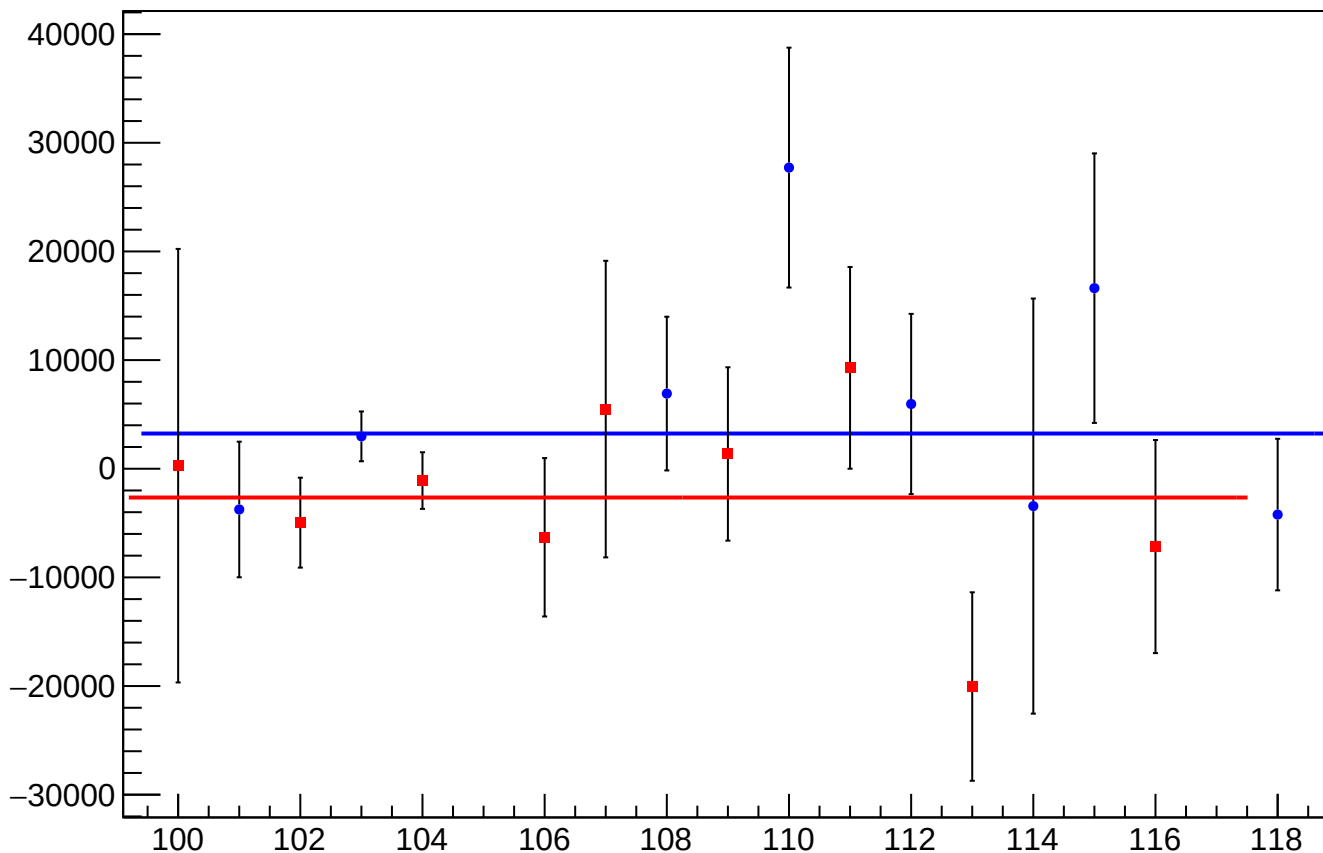
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1409.048 $\pm$ 0.499 χ^2 /NDF: 5268487.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 3240.698 $\pm$ 1861.553 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2649.397 $\pm$ 1878.927 χ^2 /NDF: 7.4/8

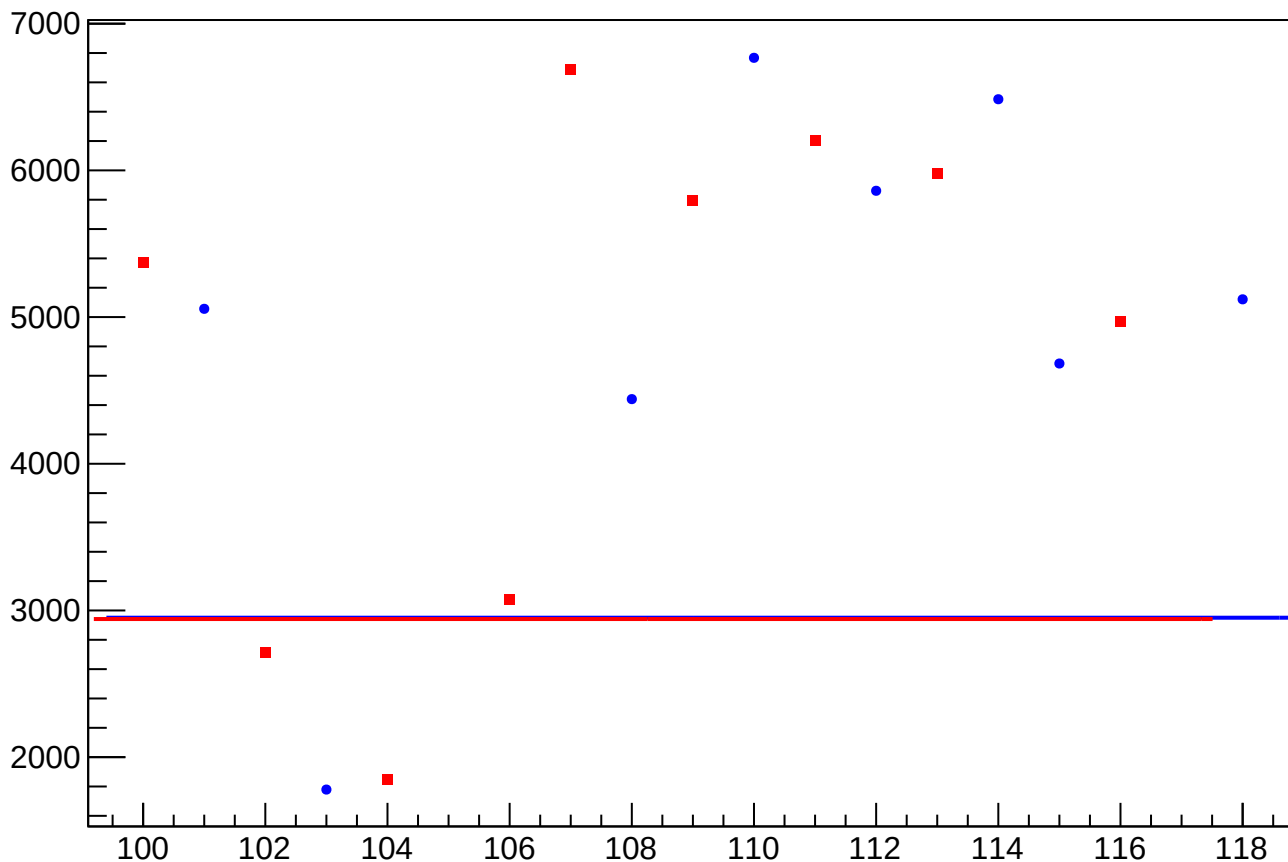
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 323.010 $\pm$ 1322.417 χ^2 /NDF: 21.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_rms vs Slug



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: 2941.568+/-1.309 χ^2/NDF : 1371246.7/8

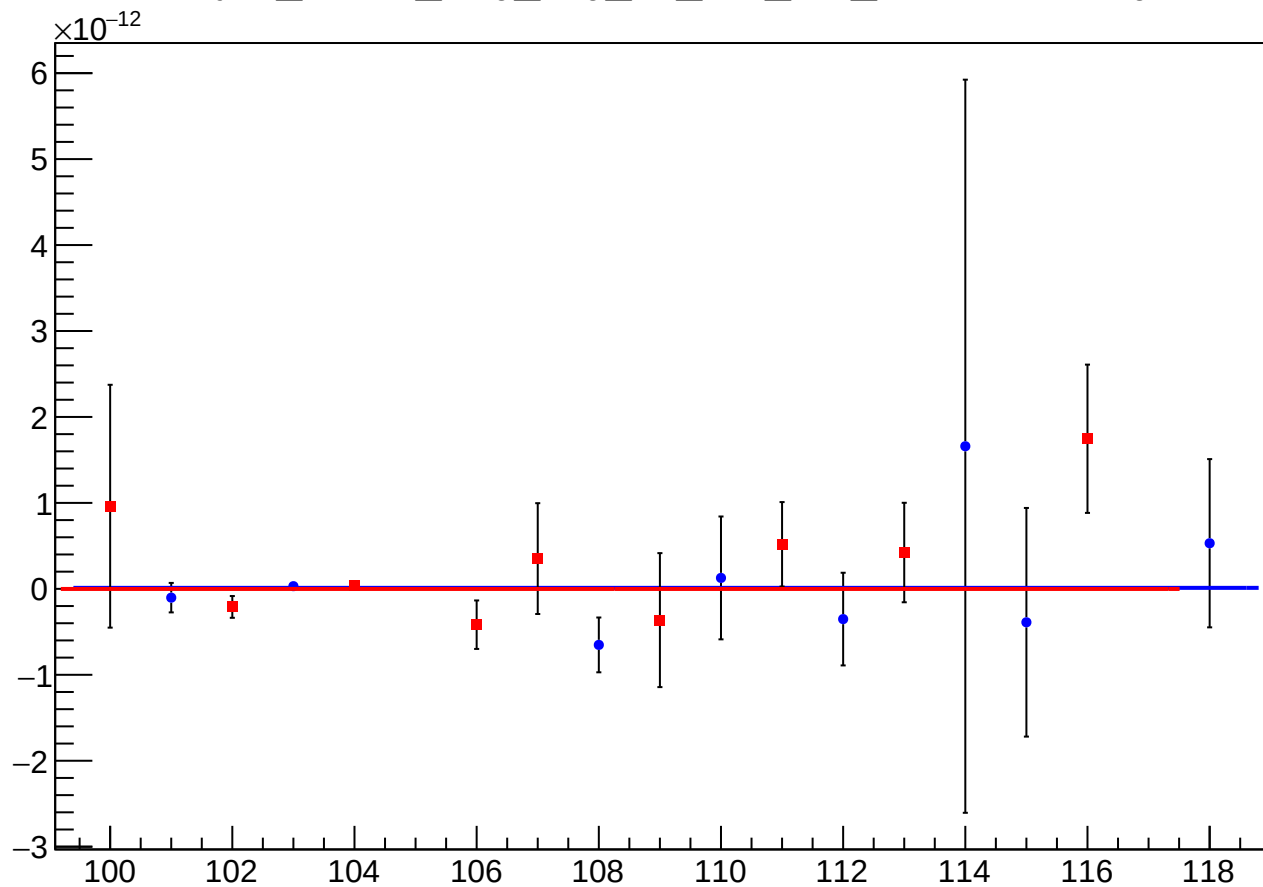
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2946.058+/-0.928 χ^2/NDF : 2996710.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/8

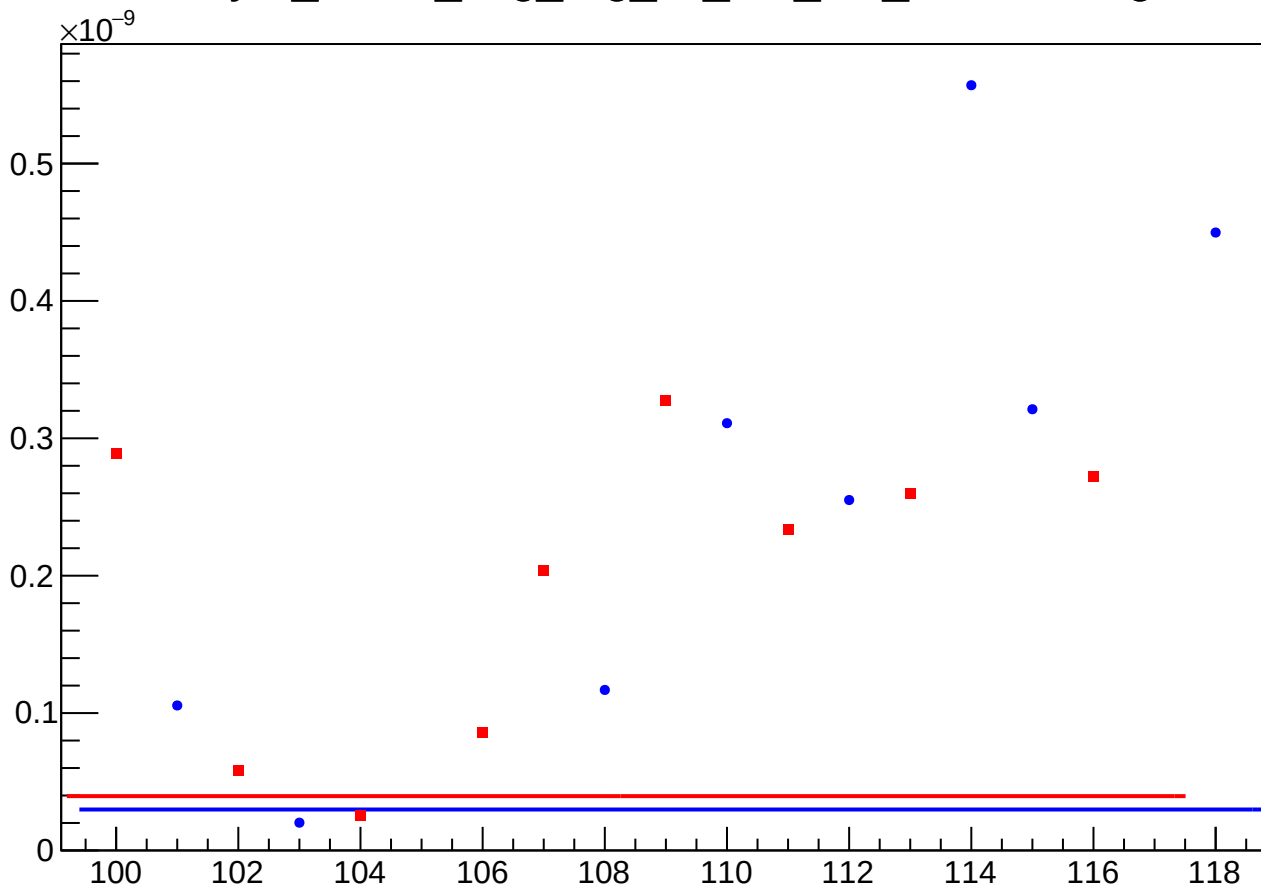
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug



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 : 1436042.3/8

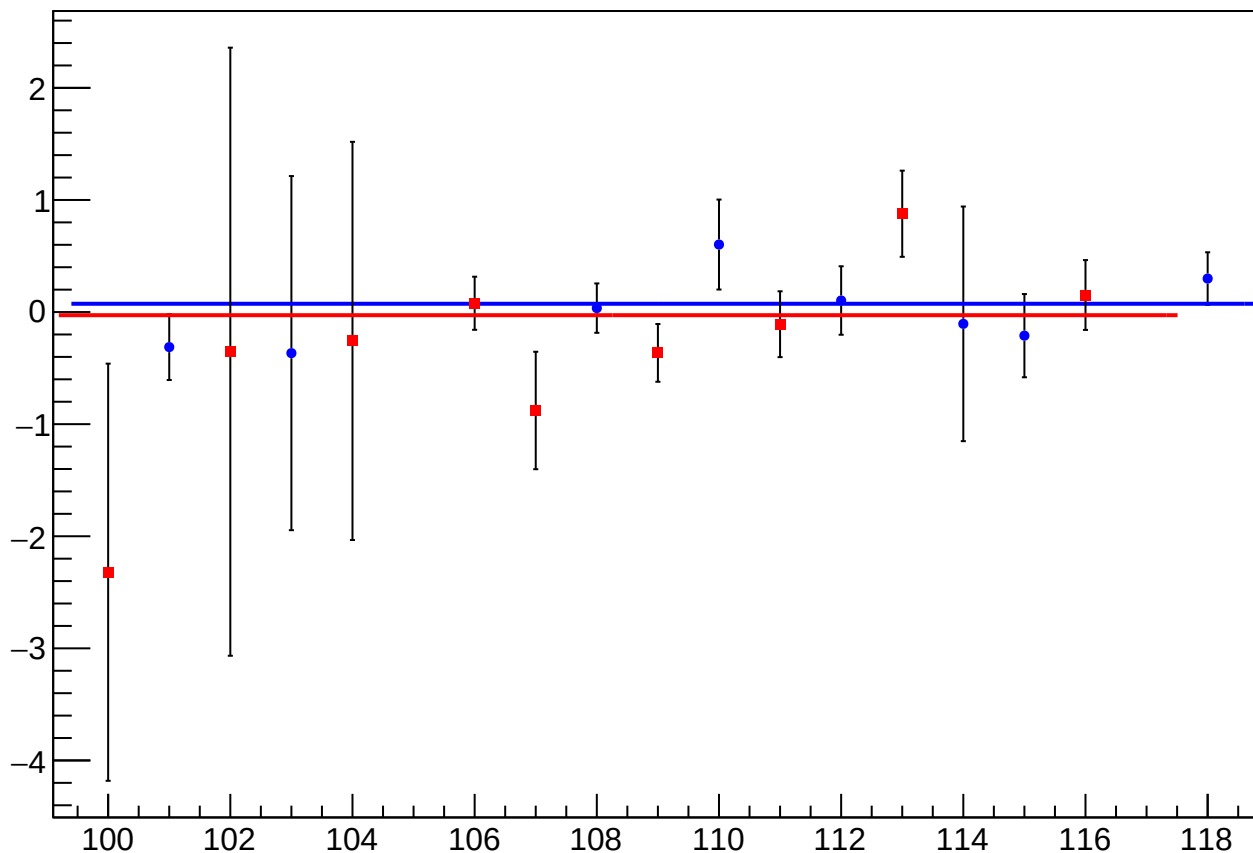
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3279028.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.074 $\pm$ 0.115 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

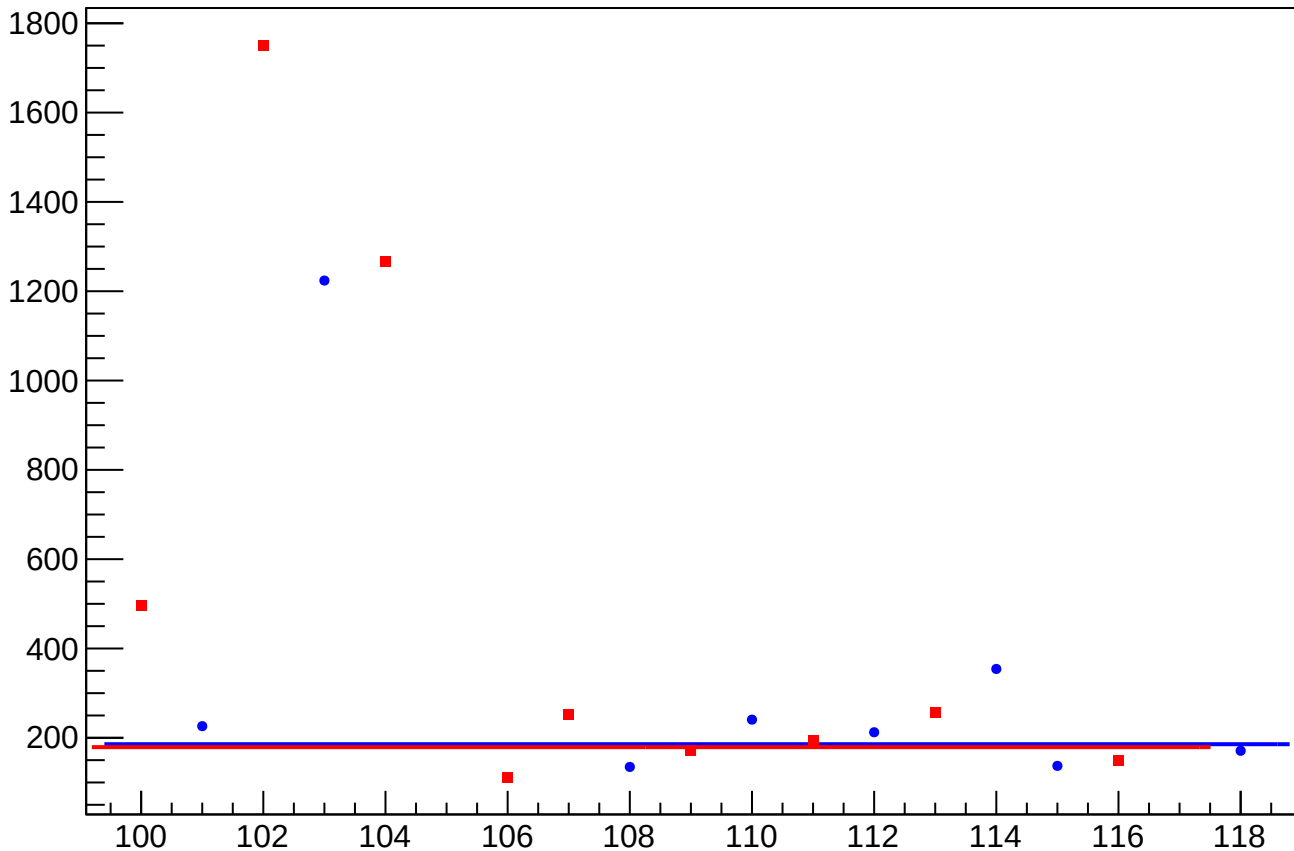
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.084 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



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: 179.127+/-0.087 χ^2/NDF : 1791052.3/8

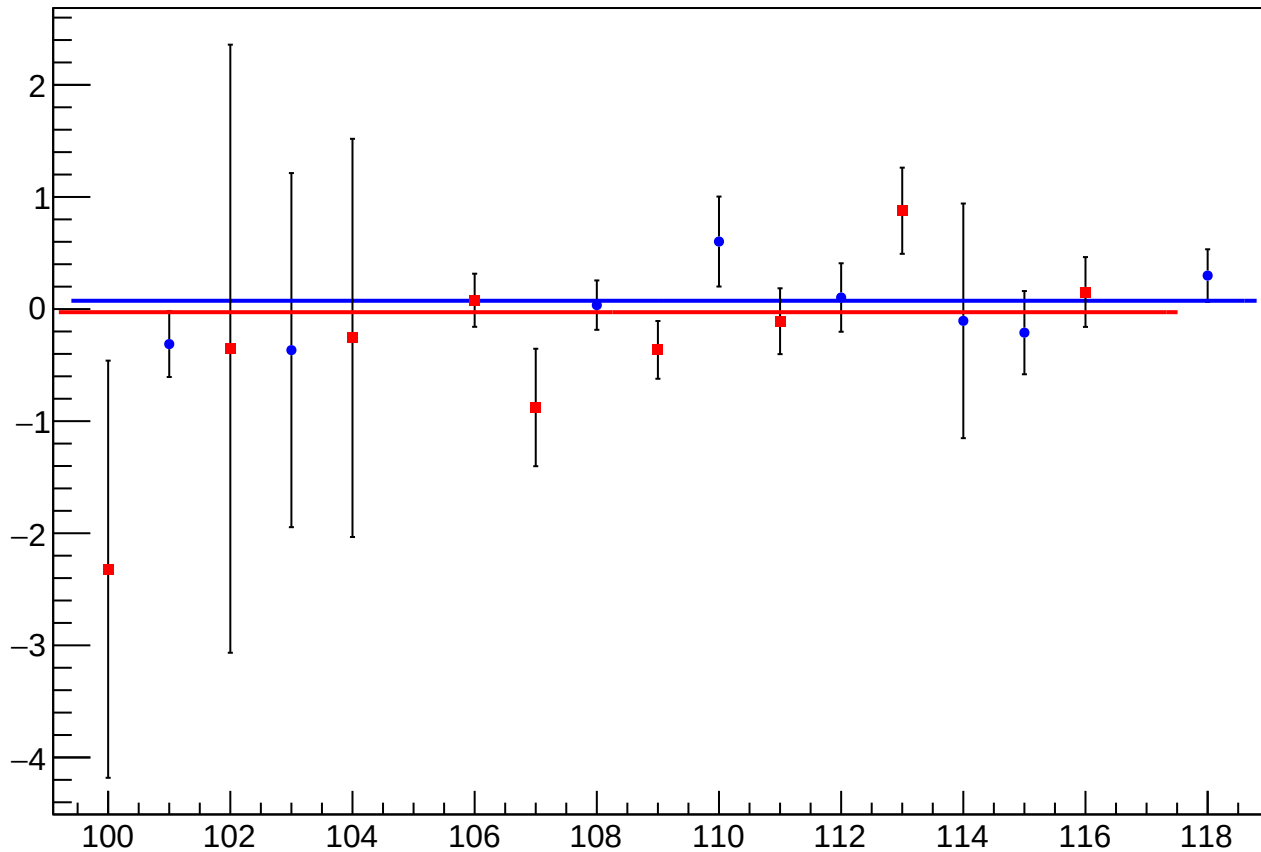
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.627+/-0.059 χ^2/NDF : 2949514.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.074 $\pm$ 0.115 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

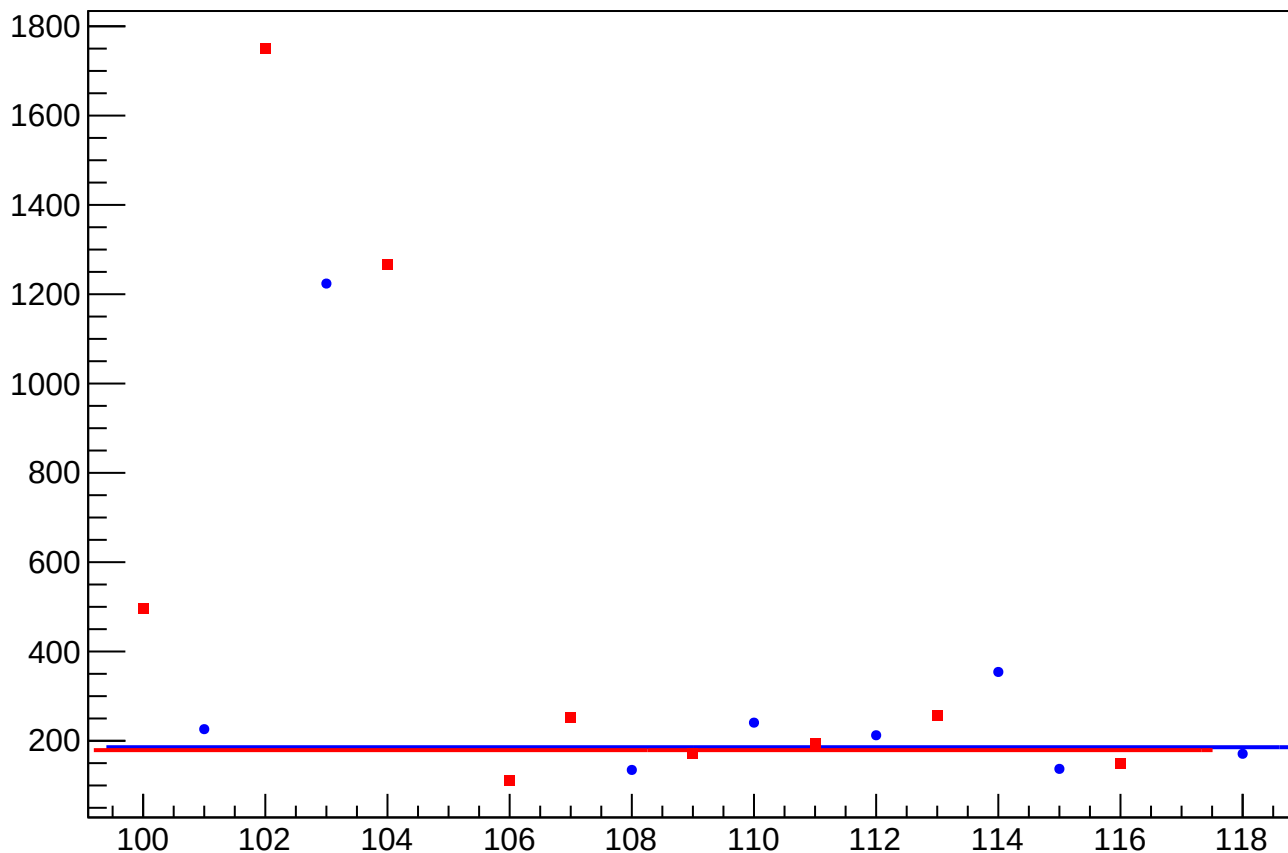
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.084 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 179.127+/-0.087 χ^2/NDF : 1791052.3/8

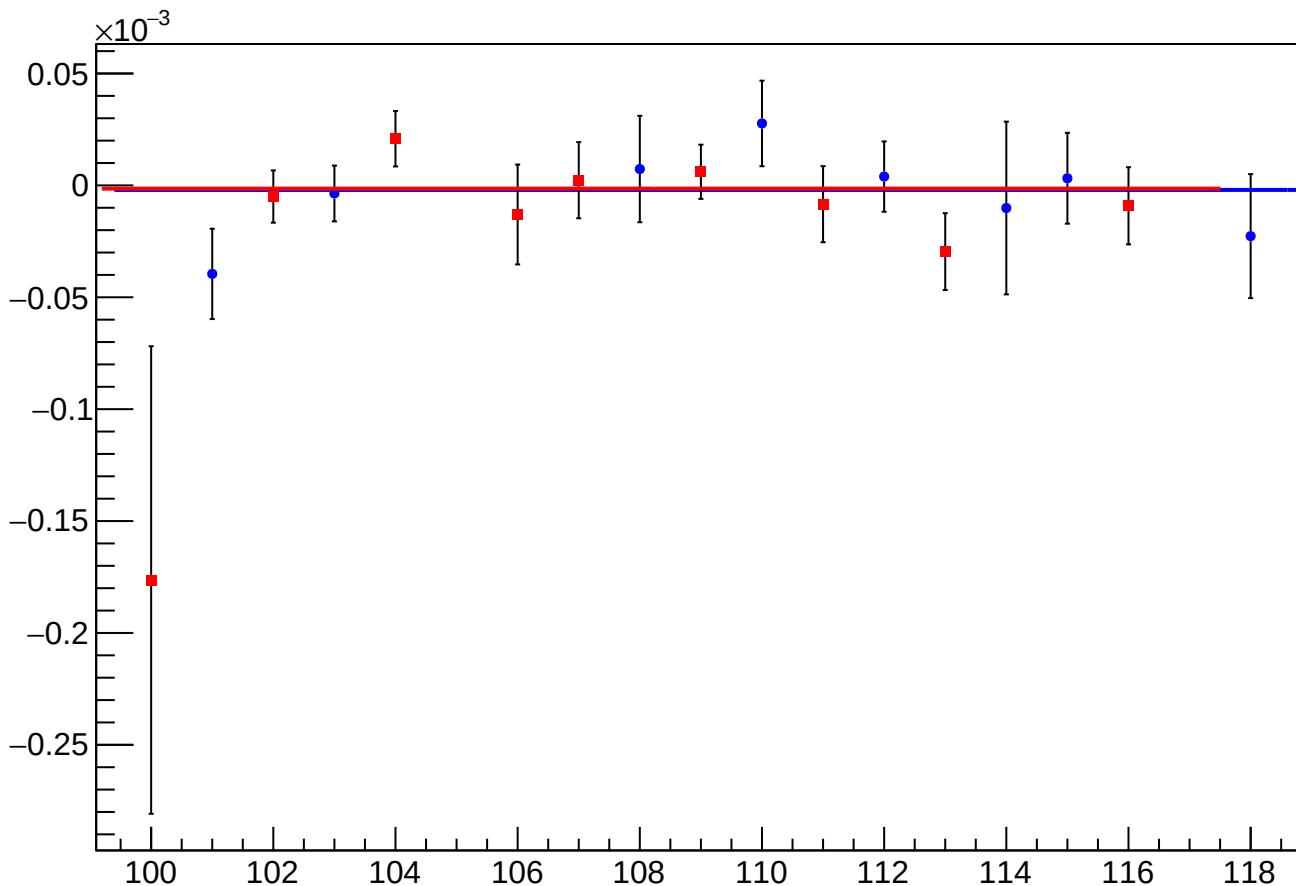
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.627+/-0.059 χ^2/NDF : 2949514.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.9/8

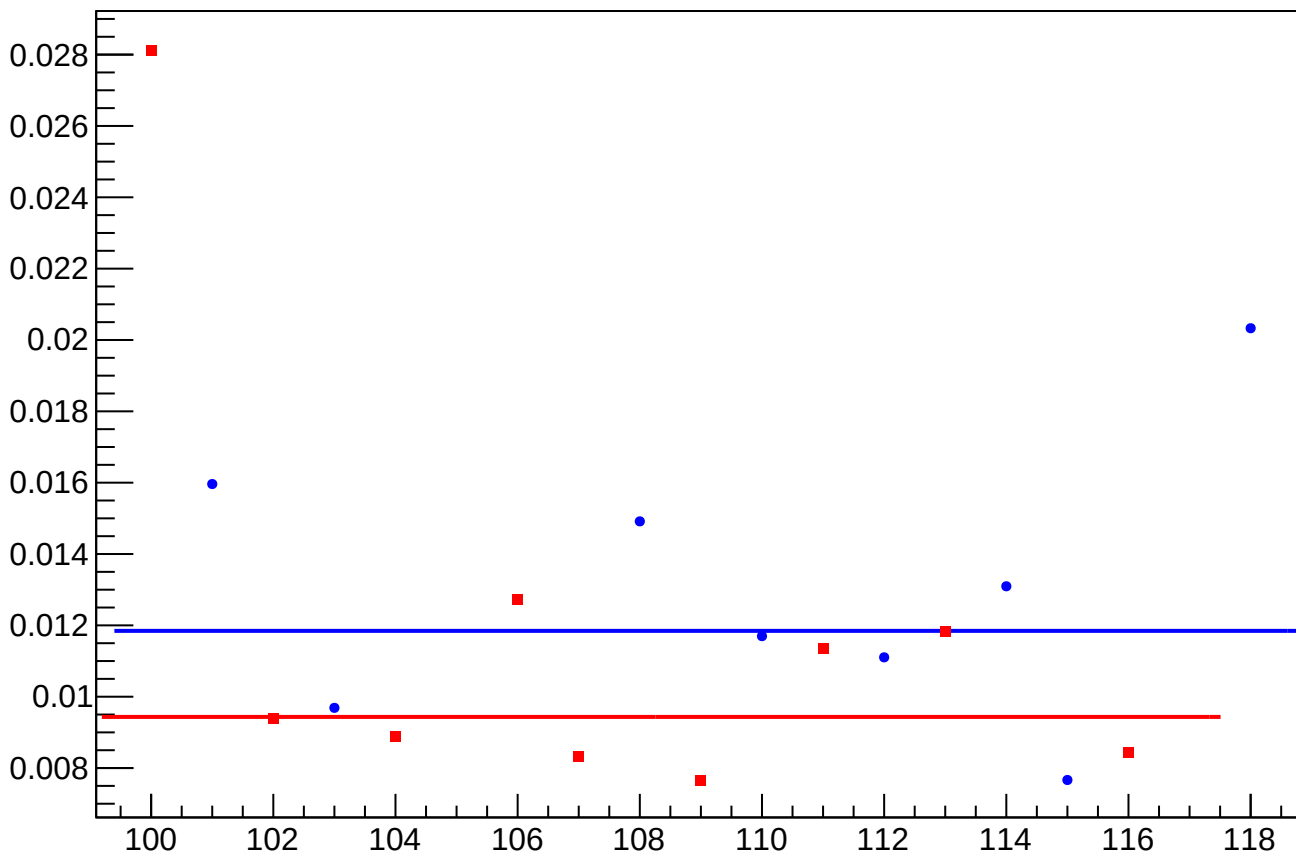
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.009+/-0.000 χ^2/NDF : 234184.6/8

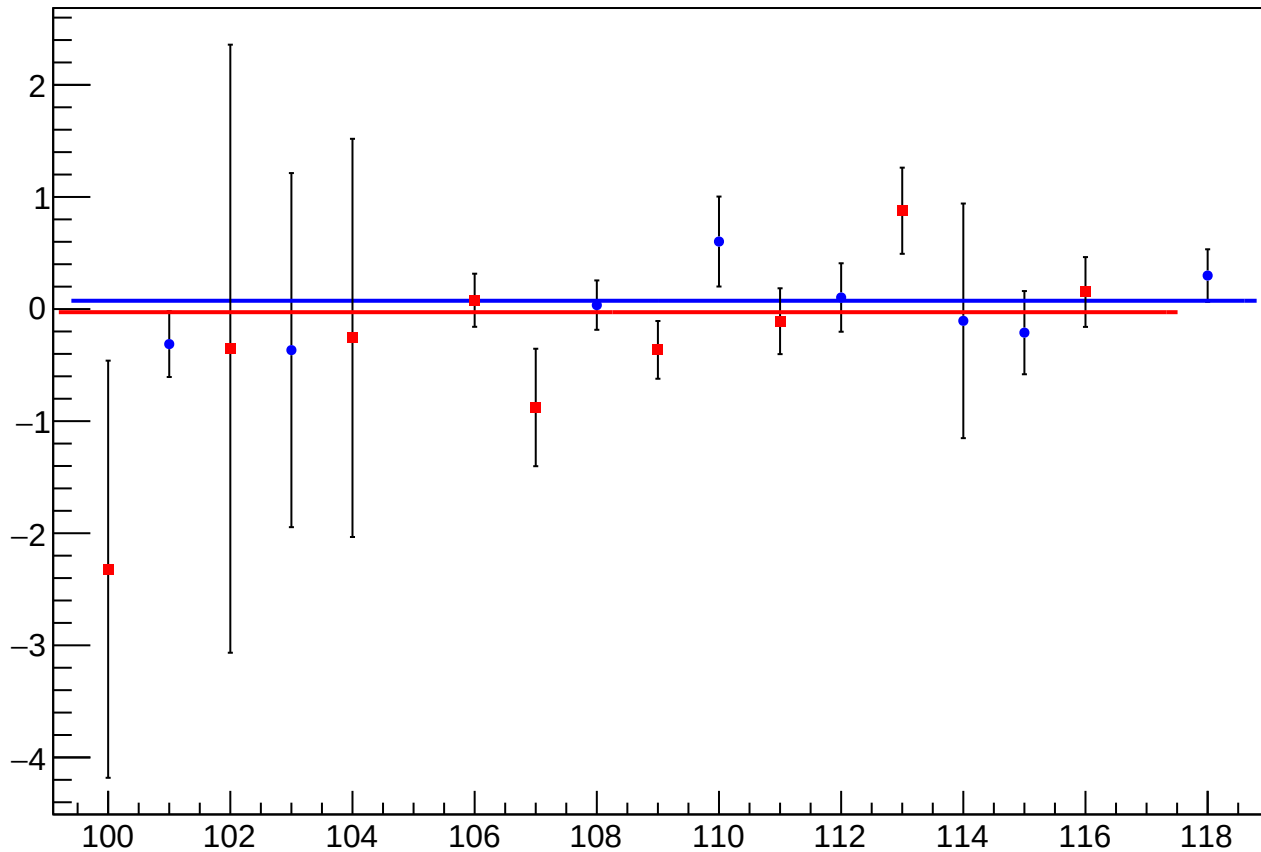
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 848683.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.074 $\pm$ 0.115 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

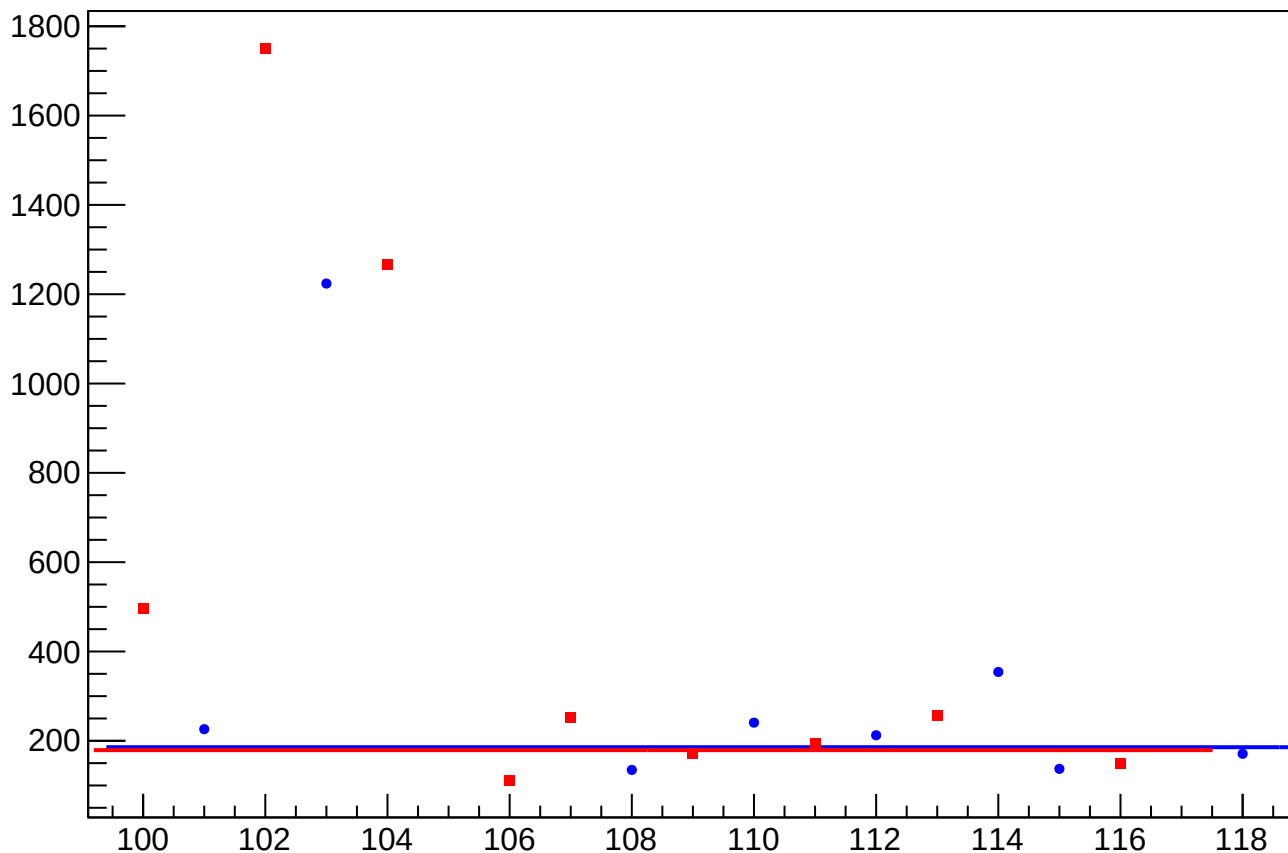
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.084 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 179.126 $\pm$ 0.087 χ^2 /NDF: 1791073.6/8

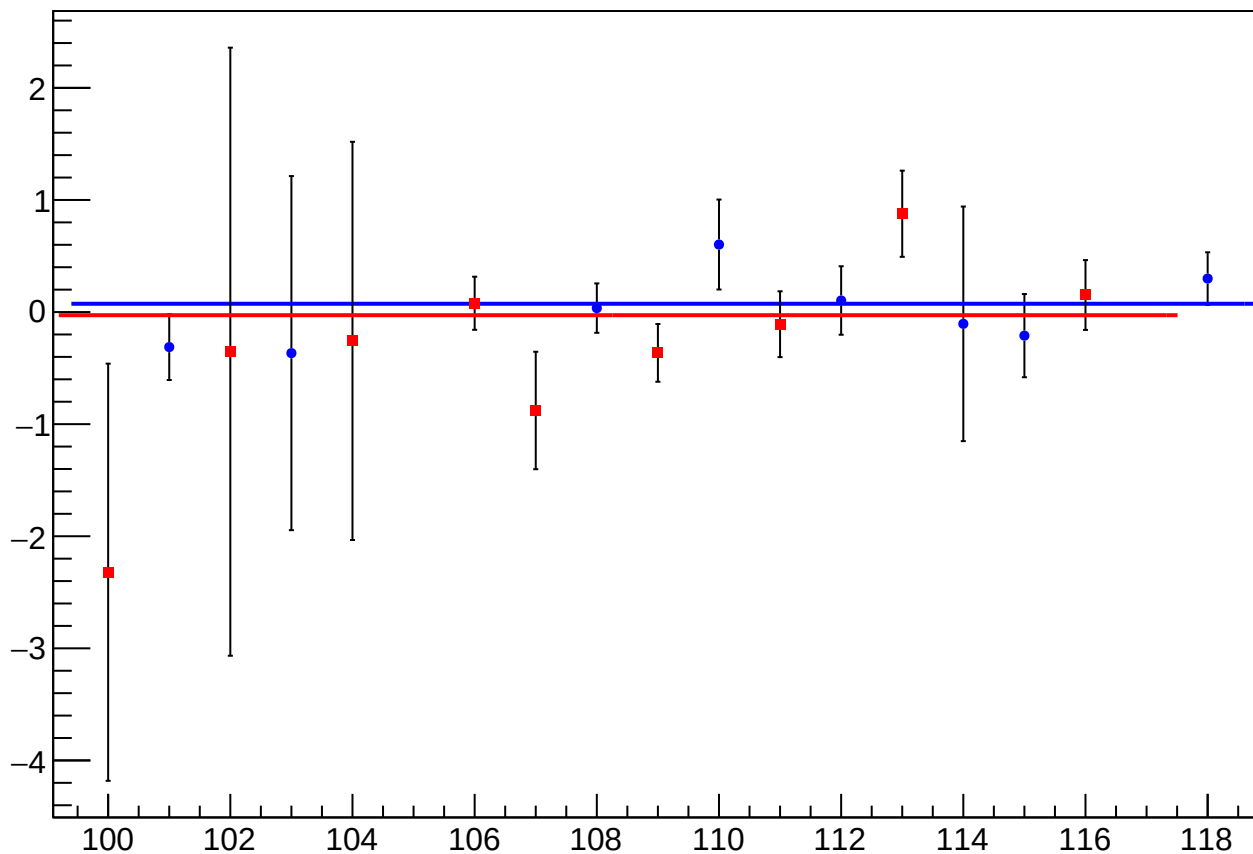
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.626 $\pm$ 0.059 χ^2 /NDF: 2949545.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.074 $\pm$ 0.115 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.028 $\pm$ 0.123 χ^2 /NDF: 12.0/8

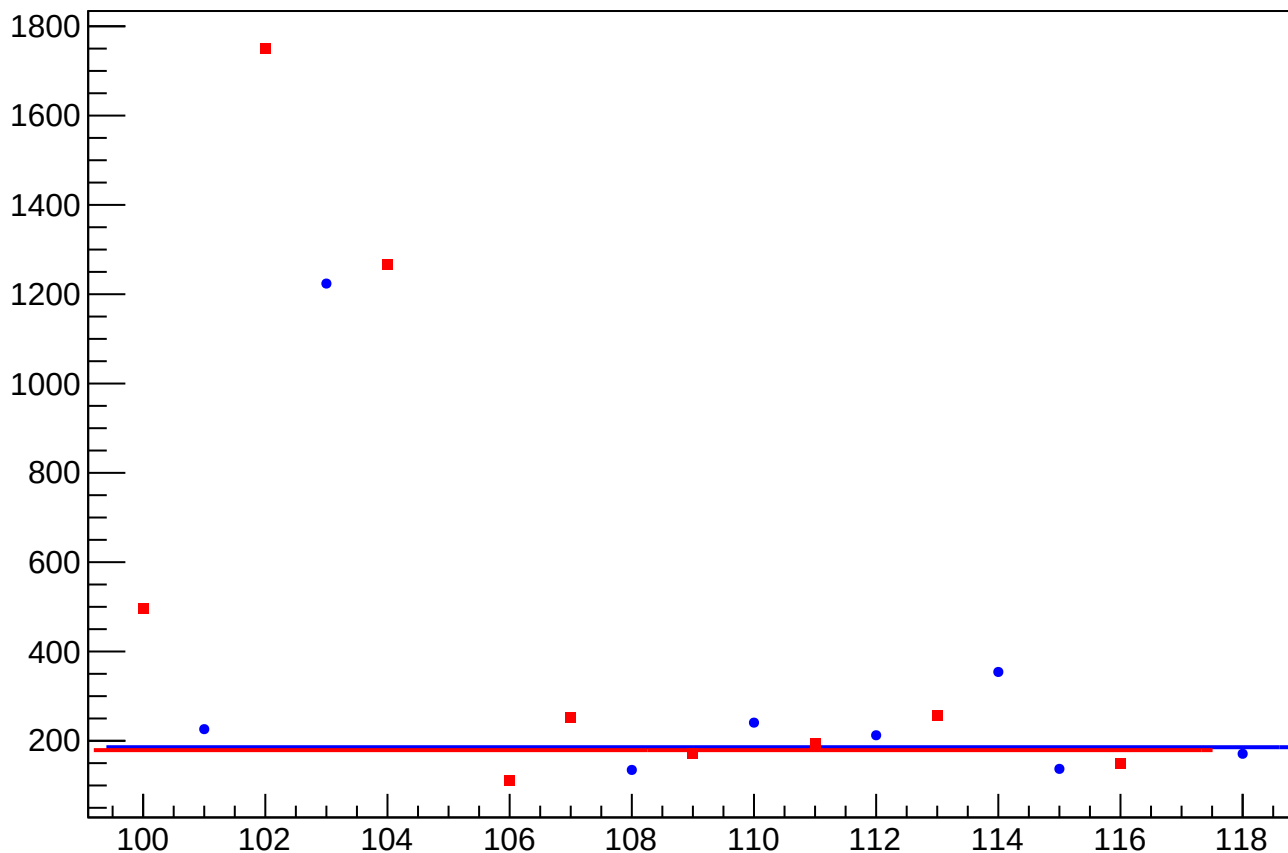
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.084 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 179.126 $\pm$ 0.087 χ^2 /NDF: 1791073.6/8

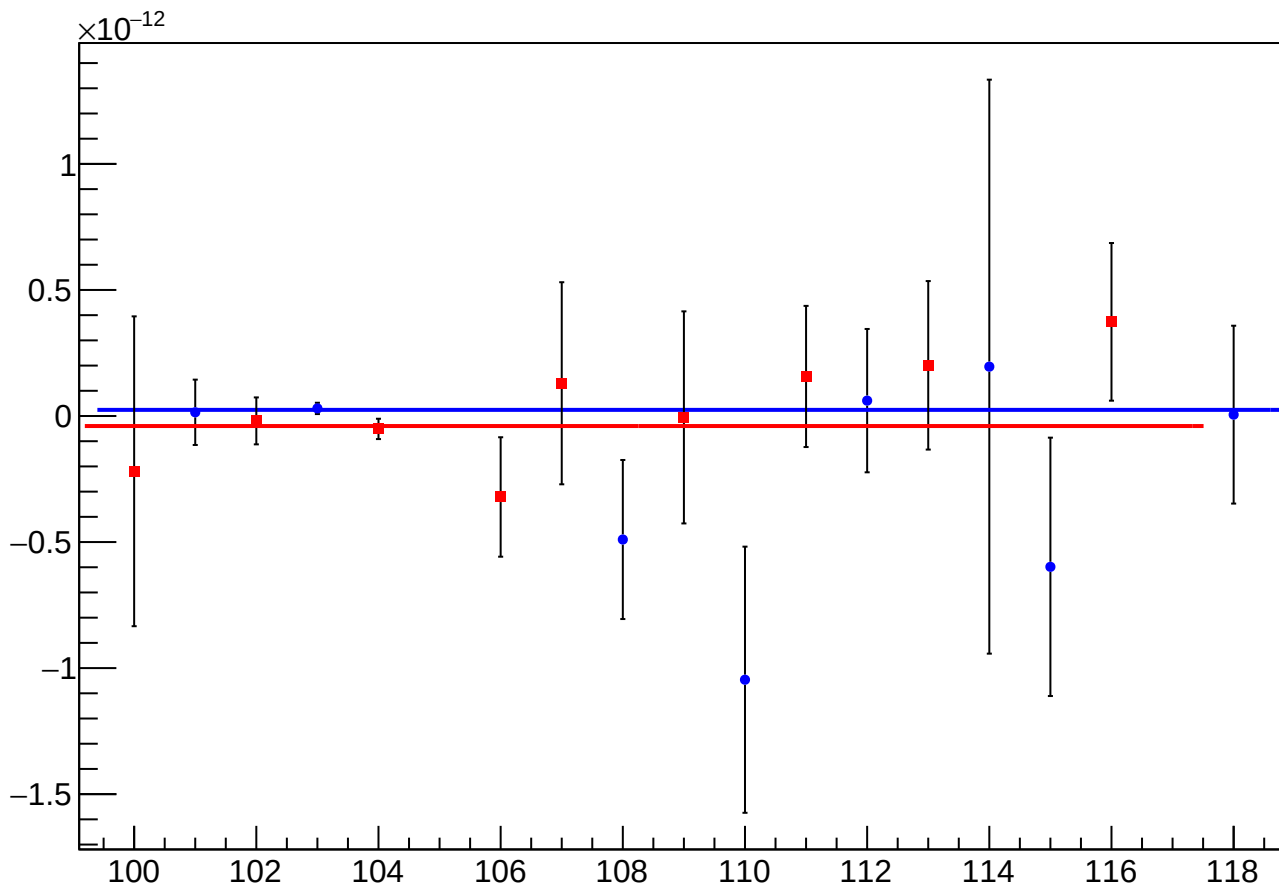
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.626 $\pm$ 0.059 χ^2 /NDF: 2949545.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.6/8

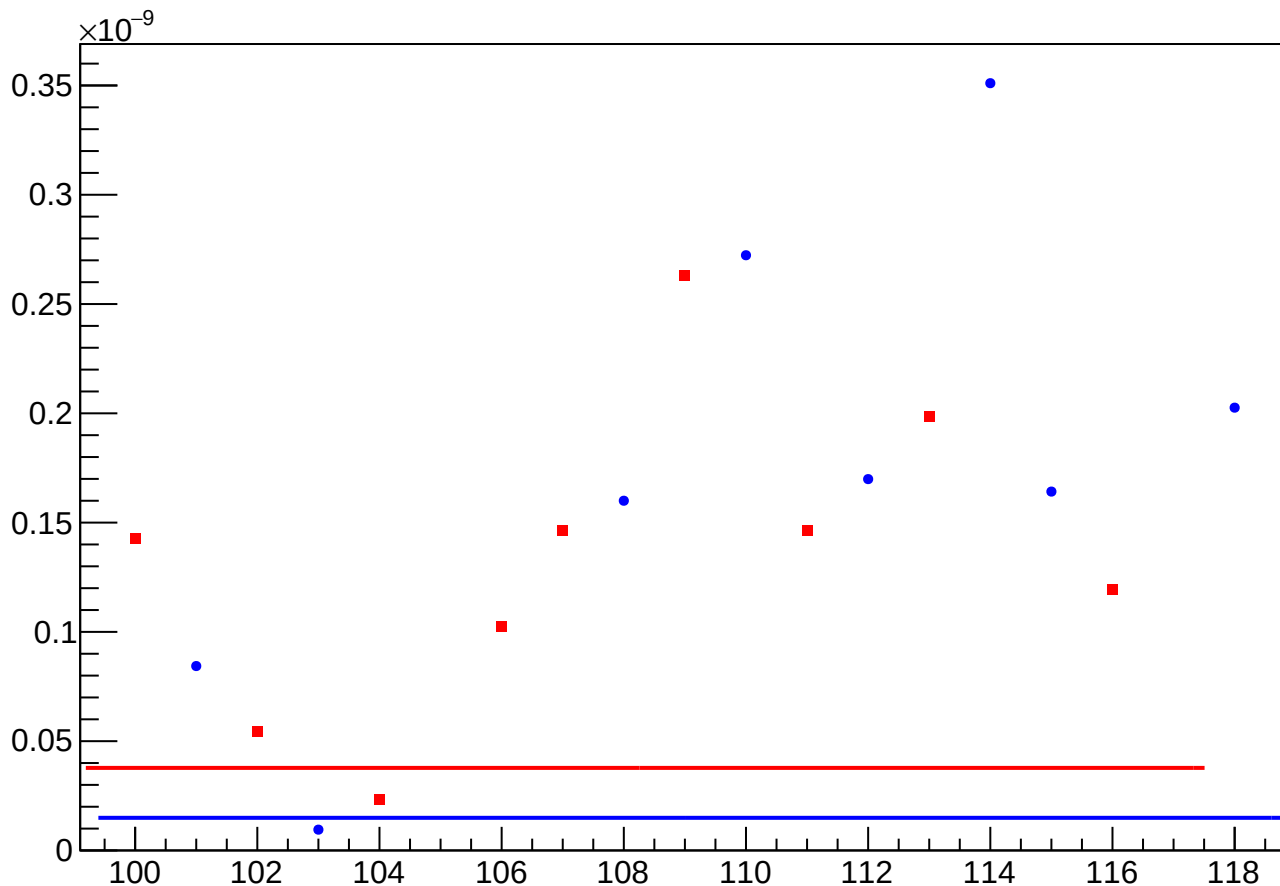
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 2155391.4/8

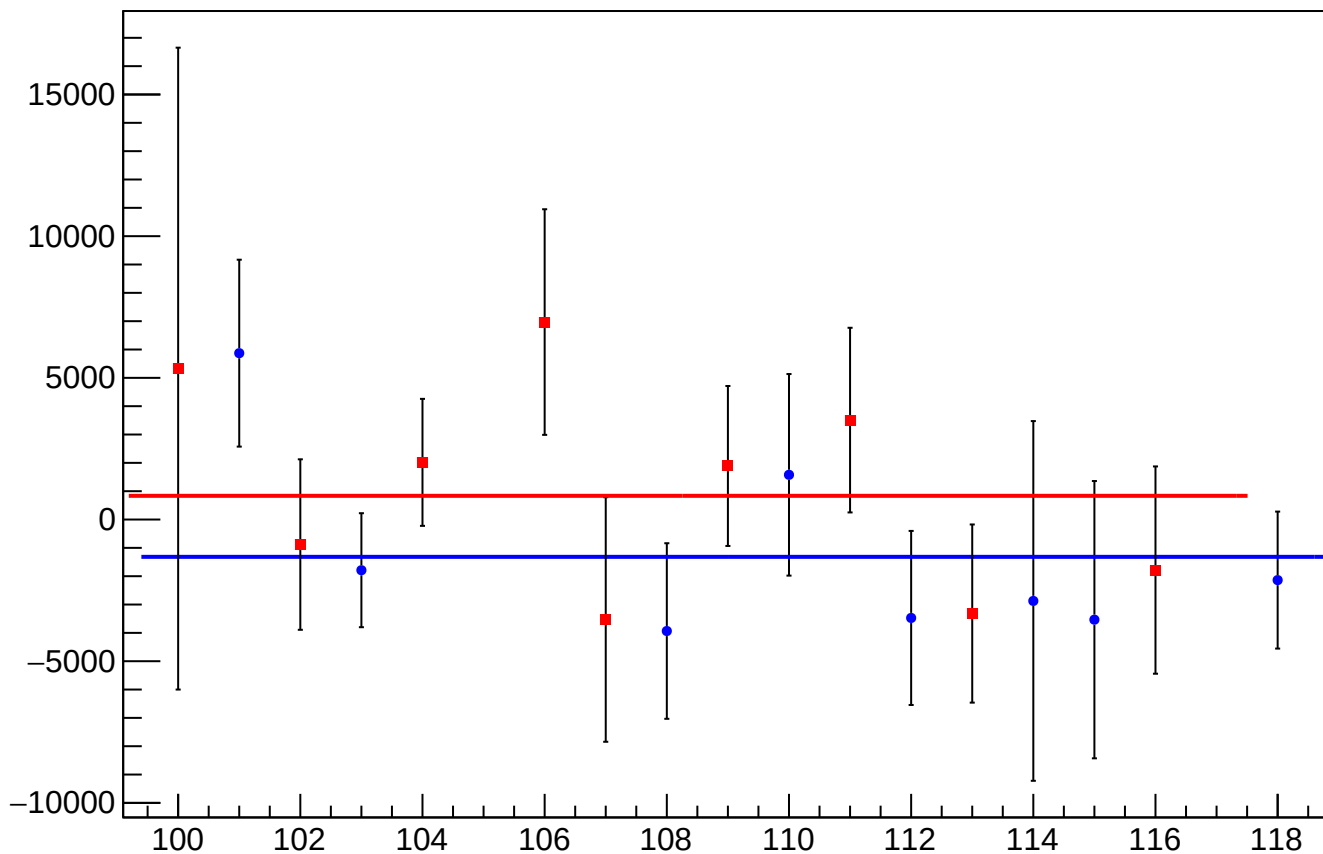
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5849499.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -1316.654 $\pm$ 1074.598 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 837.025 $\pm$ 1097.755 χ^2 /NDF: 7.2/8

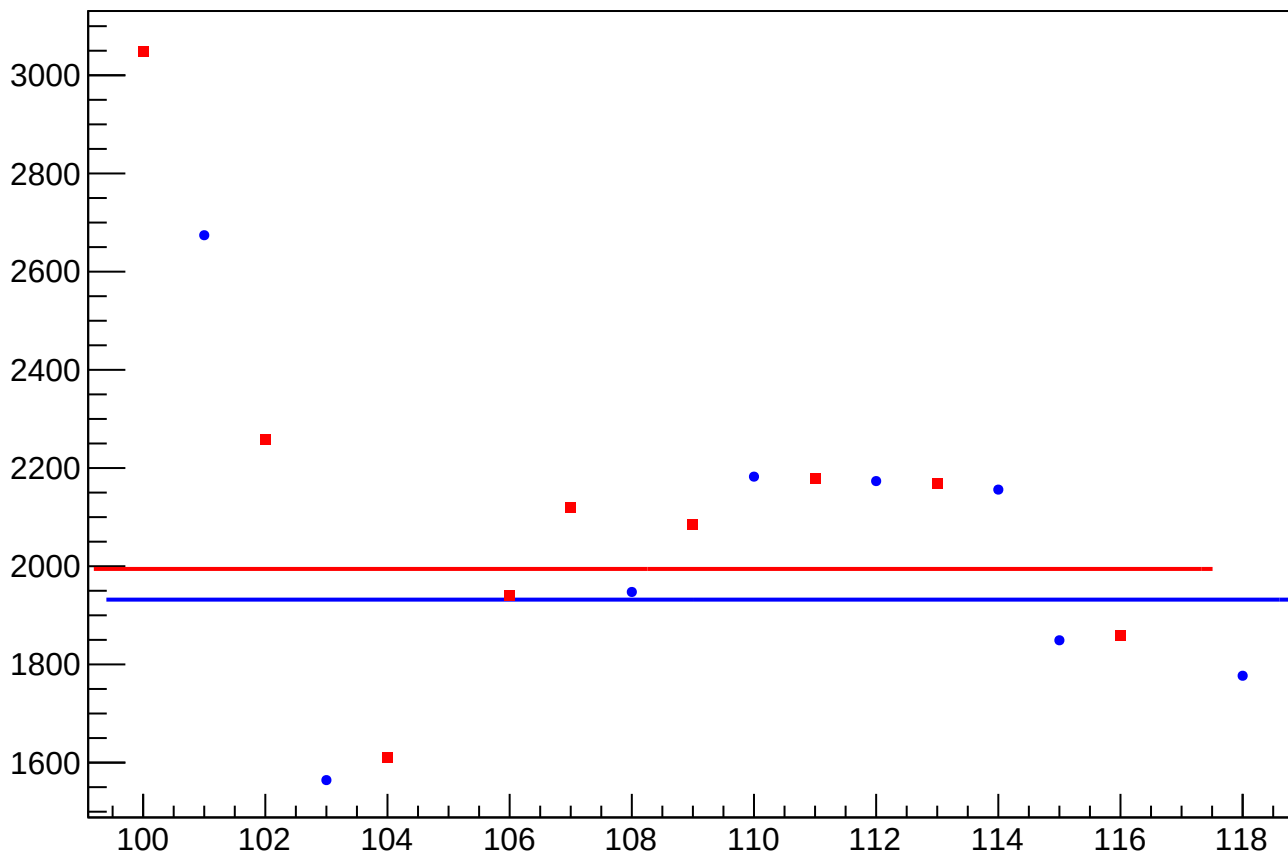
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -262.769 $\pm$ 767.912 χ^2 /NDF: 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1931.965 $\pm$ 0.760 χ^2 /NDF: 201715.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1994.485 $\pm$ 0.772 χ^2 /NDF: 110998.2/8

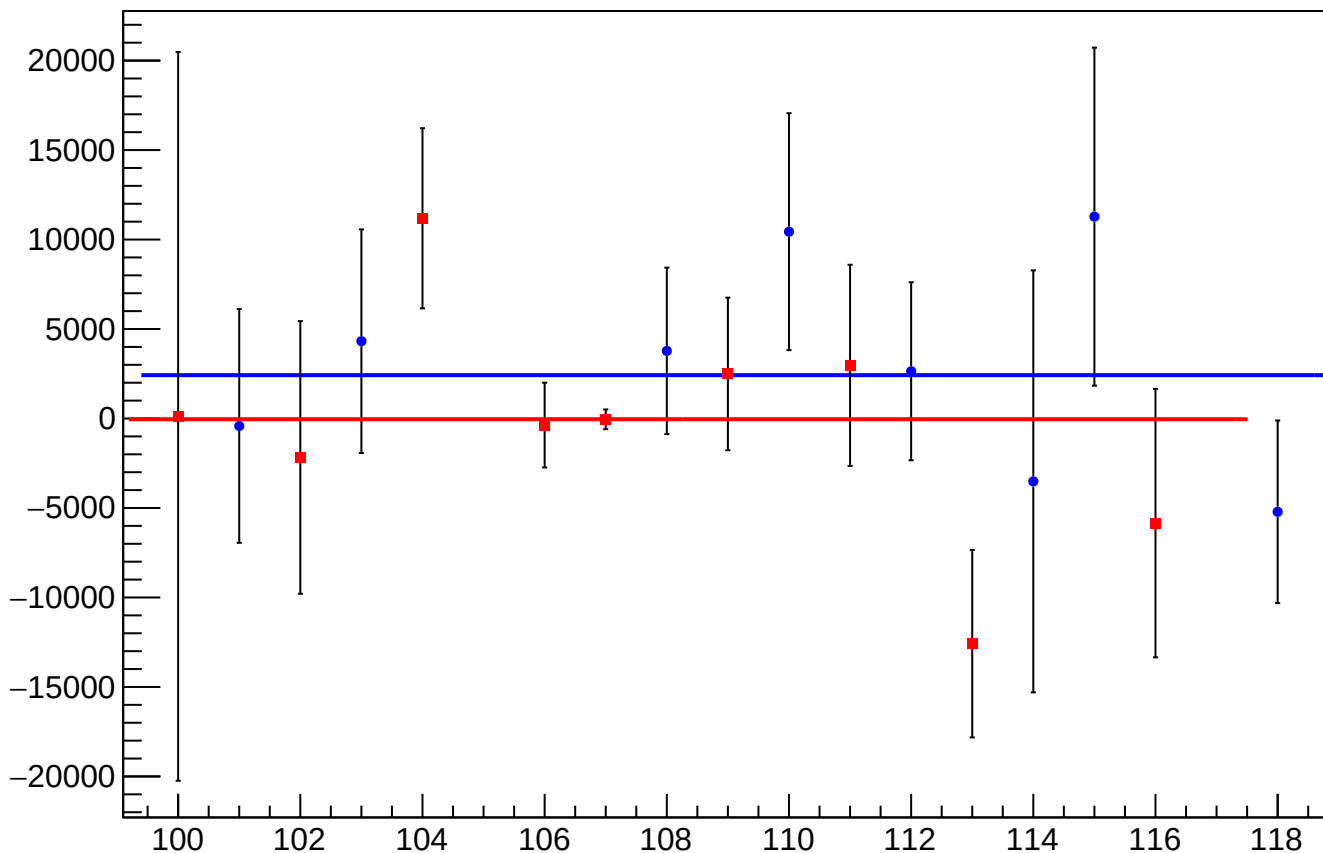
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1962.733 $\pm$ 0.542 χ^2 /NDF: 316044.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



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: -37.985+/-521.337 χ^2/NDF : 12.0/8

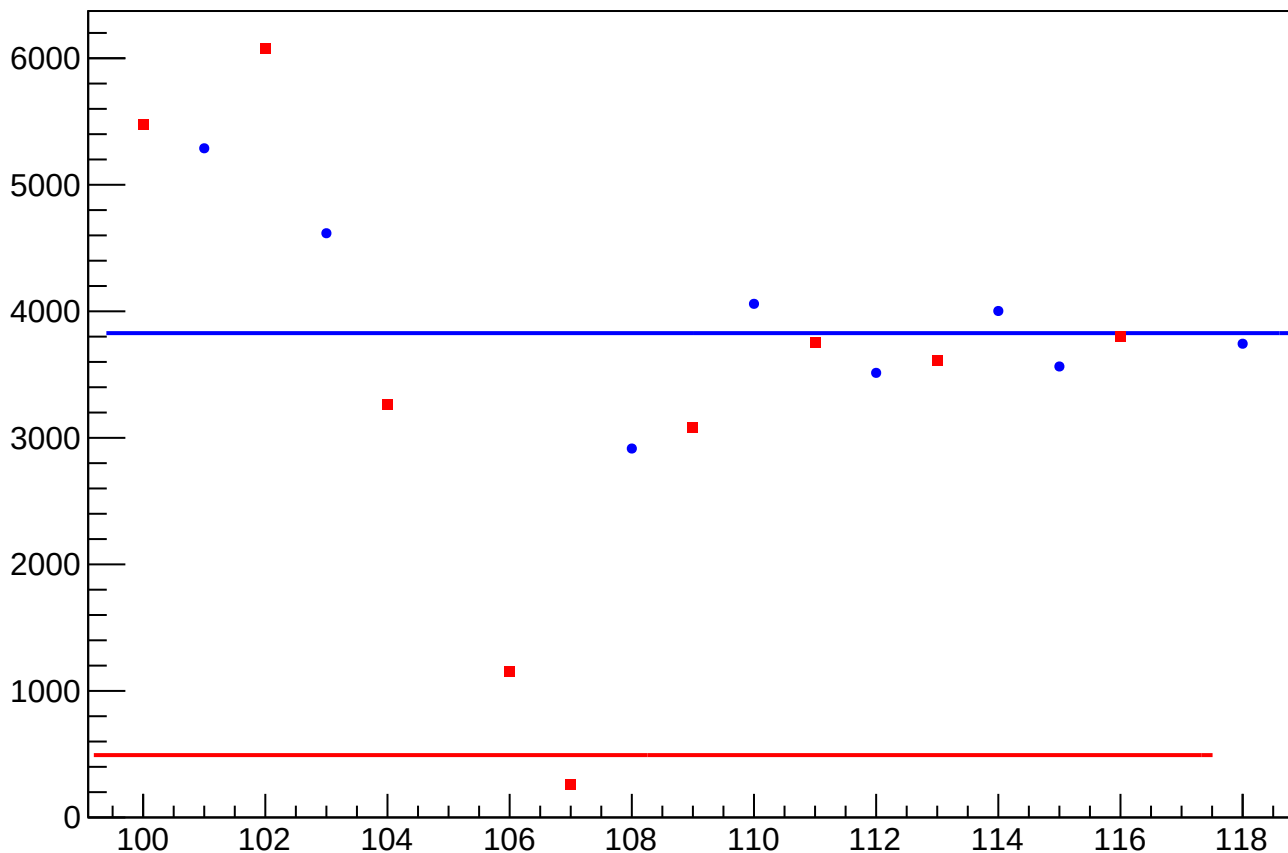
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.064+/-506.716 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3827.597 $\pm$ 1.524 χ^2 /NDF: 221860.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 492.763 $\pm$ 0.369 χ^2 /NDF: 4811545.9/8

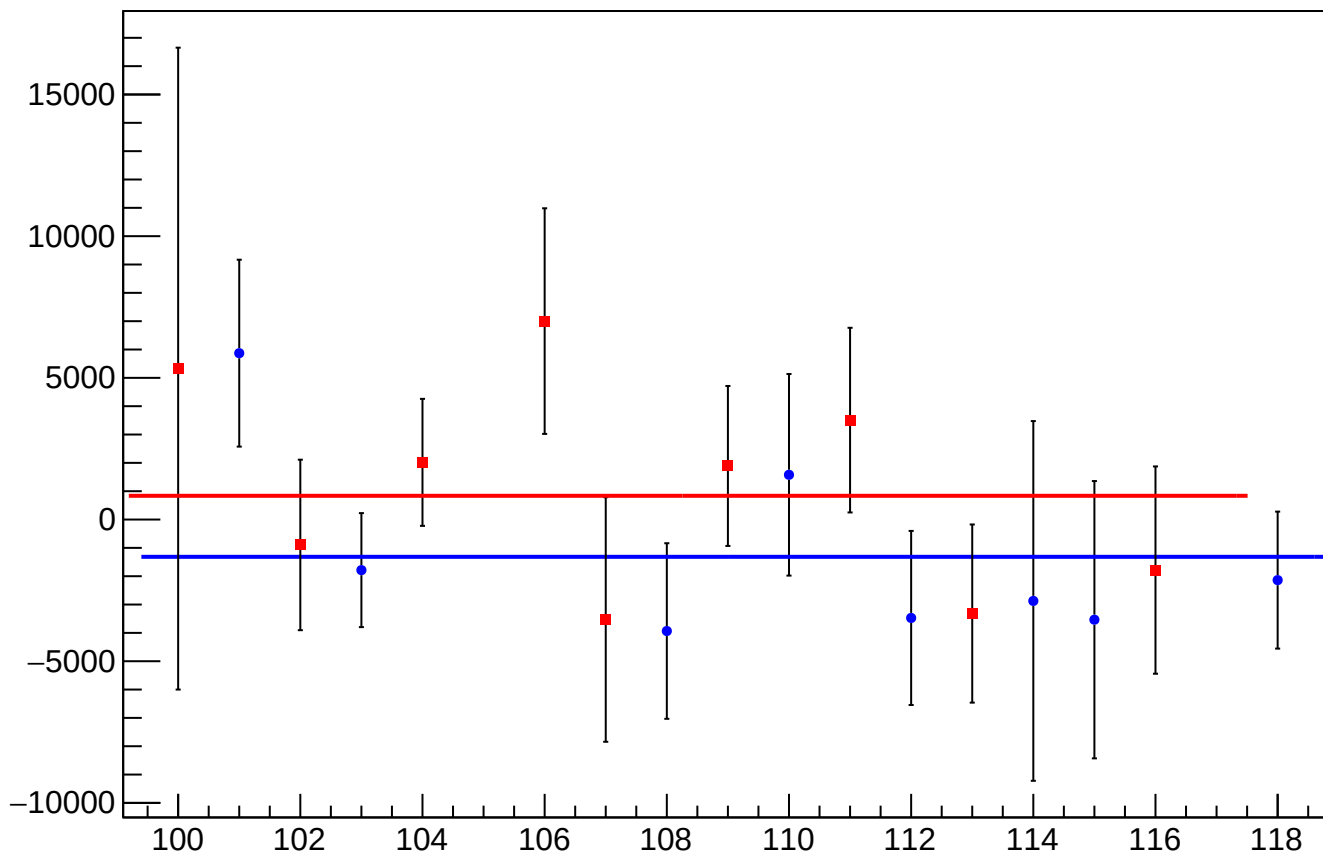
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.186 $\pm$ 0.358 χ^2 /NDF: 9559070.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



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: 837.923 $\pm$ 1097.761 χ^2 /NDF: 7.3/8

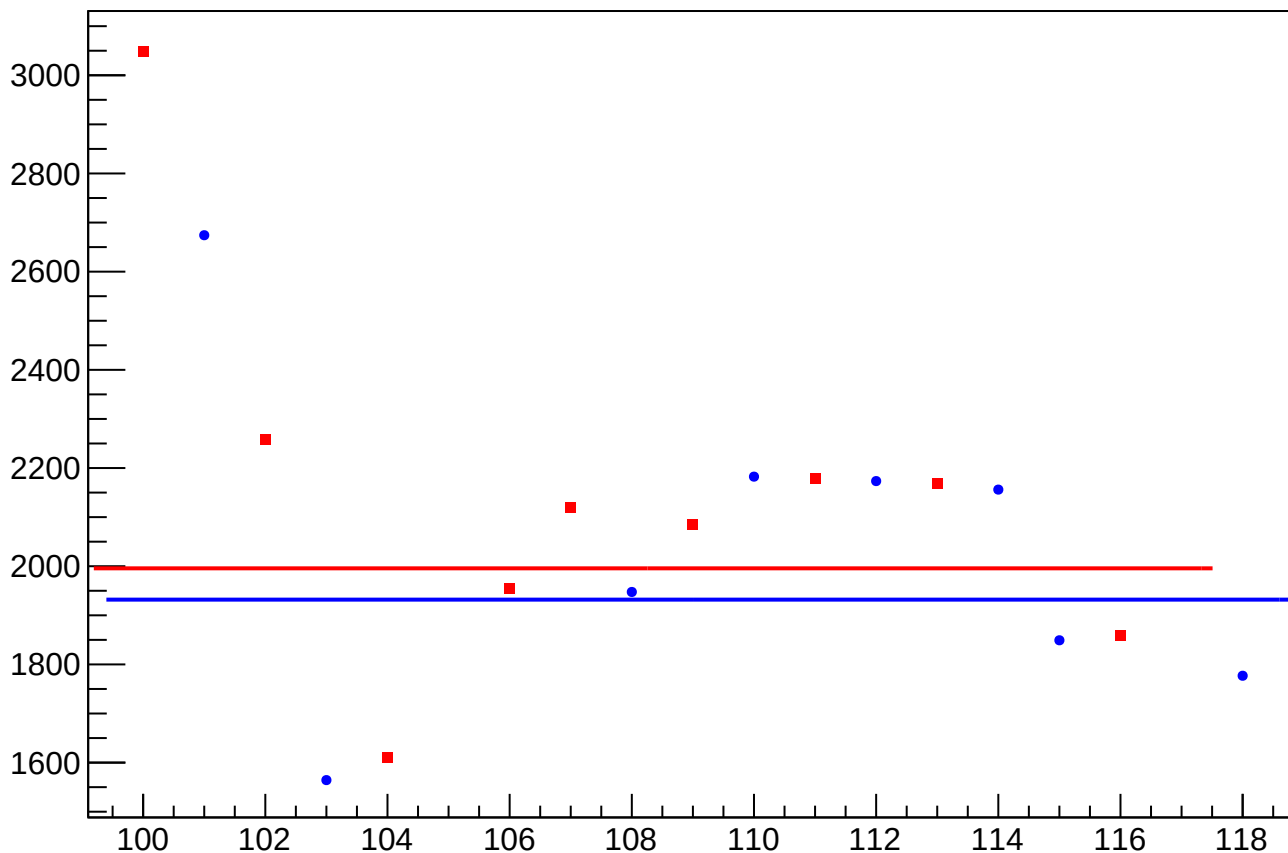
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -261.801 $\pm$ 767.914 χ^2 /NDF: 16.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1931.966 $\pm$ 0.760 χ^2 /NDF: 201713.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1995.701 $\pm$ 0.772 χ^2 /NDF: 110808.3/8

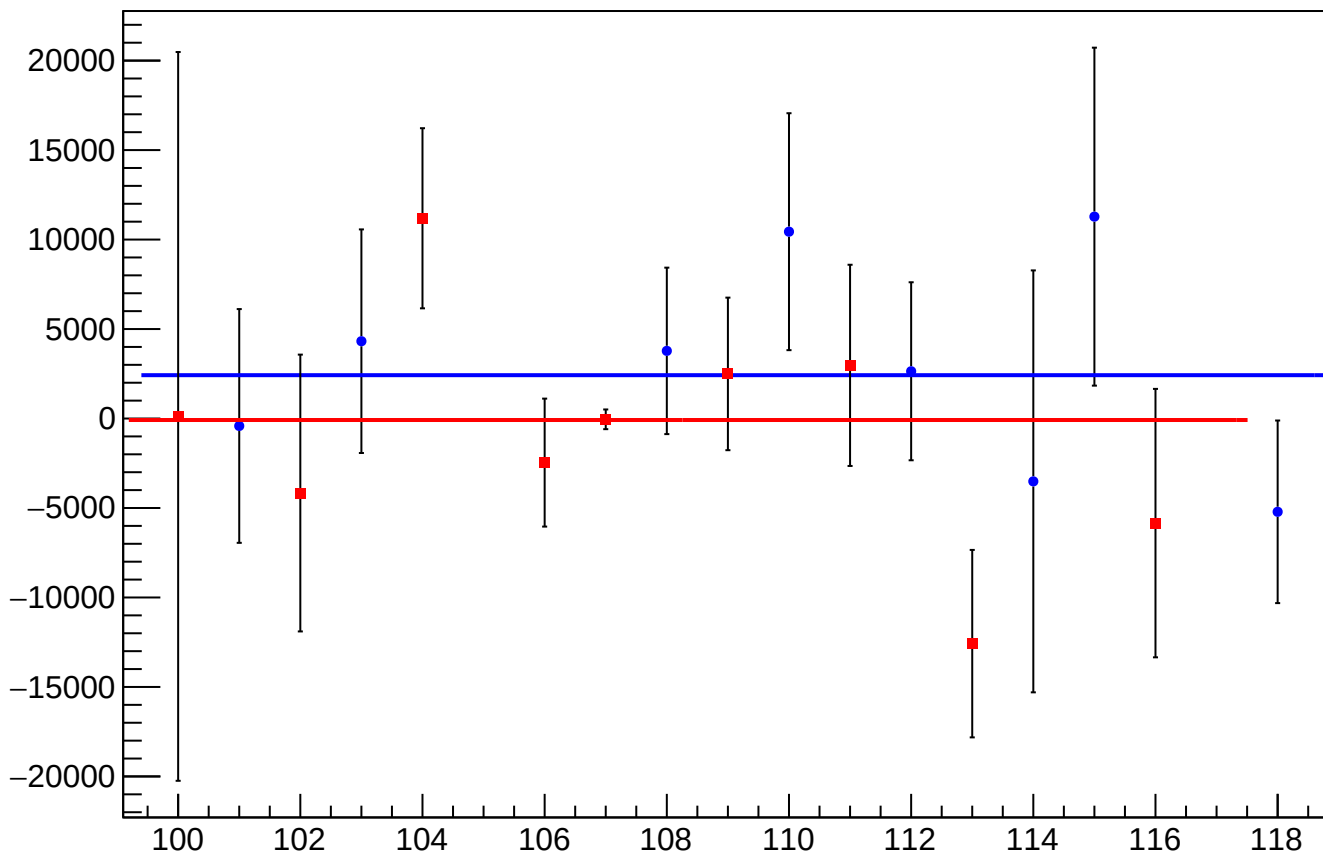
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1963.314 $\pm$ 0.542 χ^2 /NDF: 315982.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 2422.064 $\pm$ 2154.757 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.002 $\pm$ 528.575 χ^2 /NDF: 12.7/8

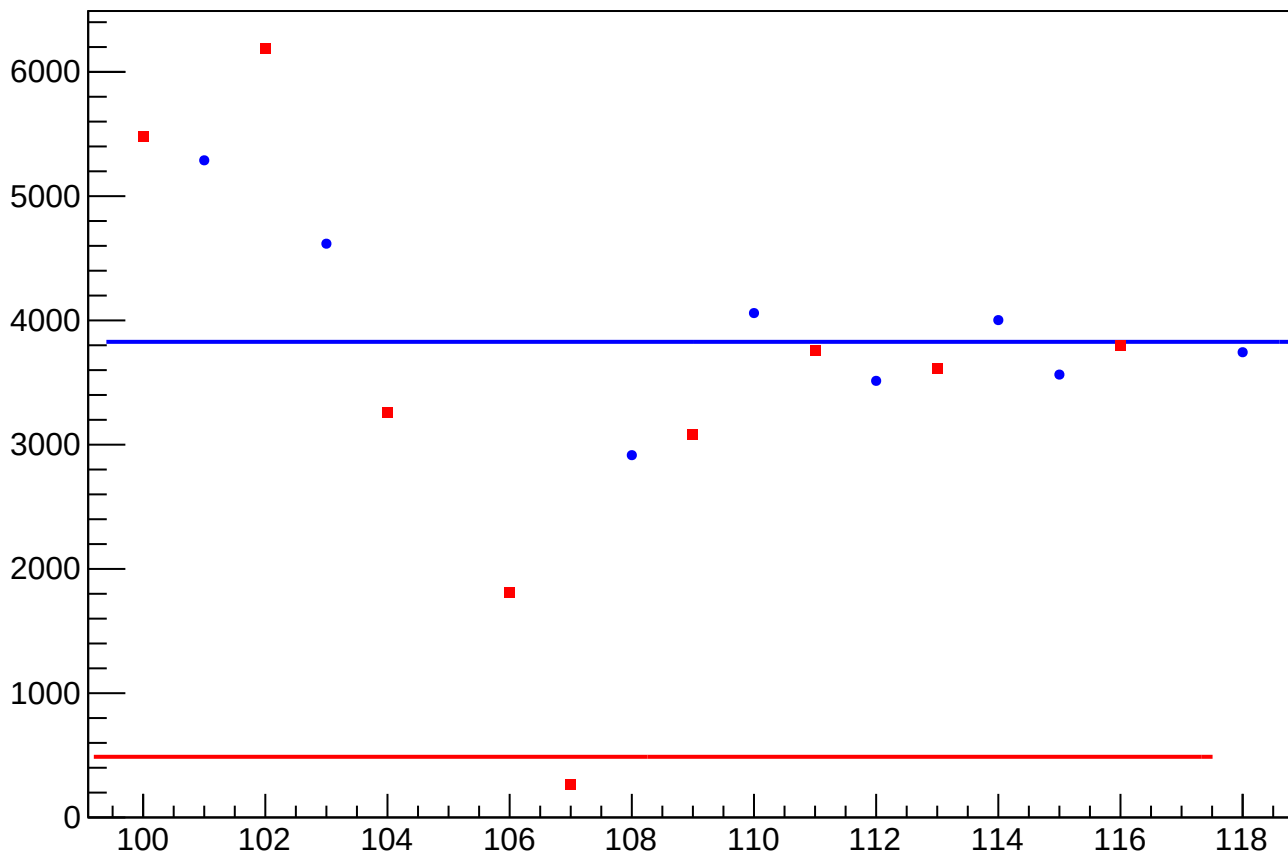
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.184 $\pm$ 513.355 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



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: 488.151+/-0.374 χ^2/NDF : 4935050.4/8

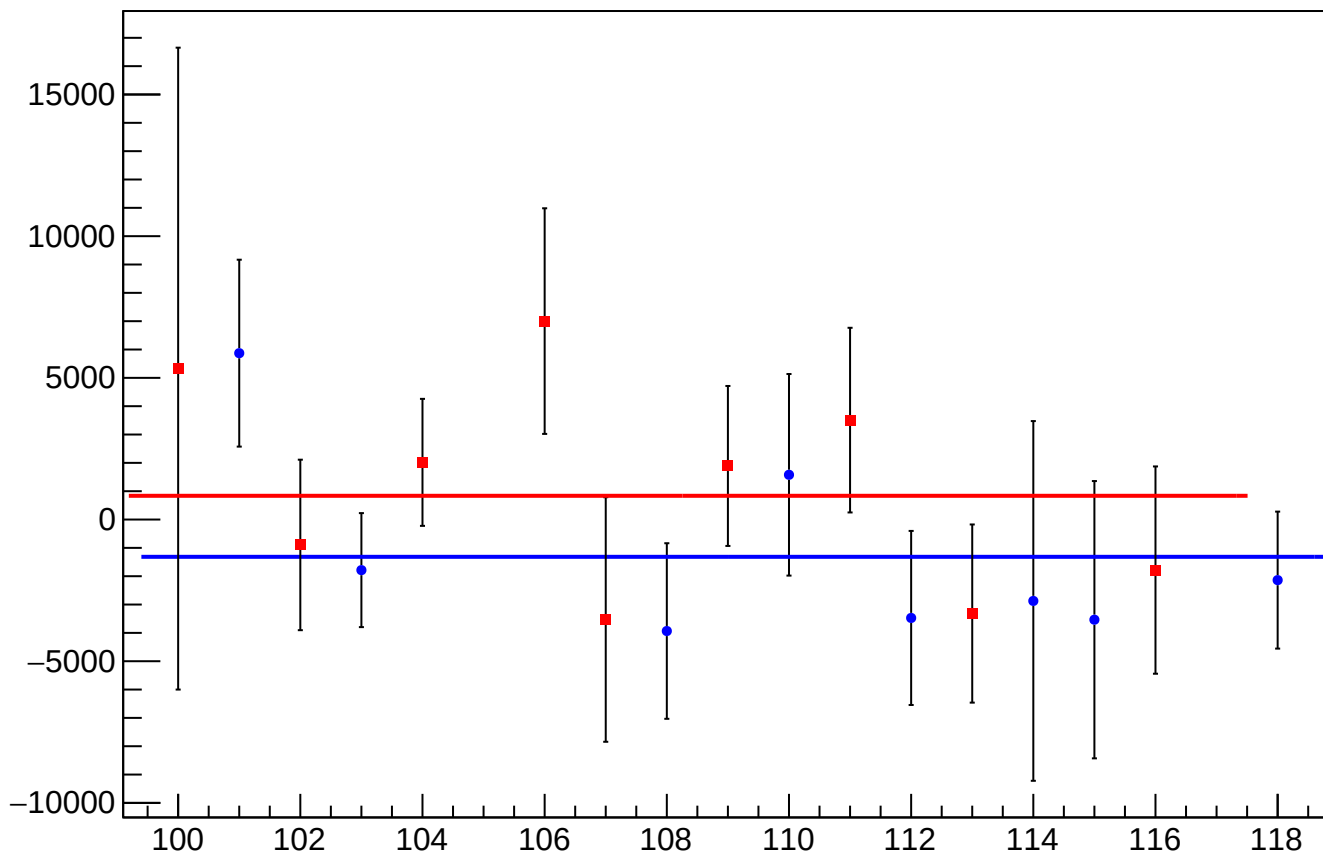
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 677.698+/-0.363 χ^2/NDF : 9688096.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



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: 837.923 $\pm$ 1097.761 χ^2 /NDF: 7.3/8

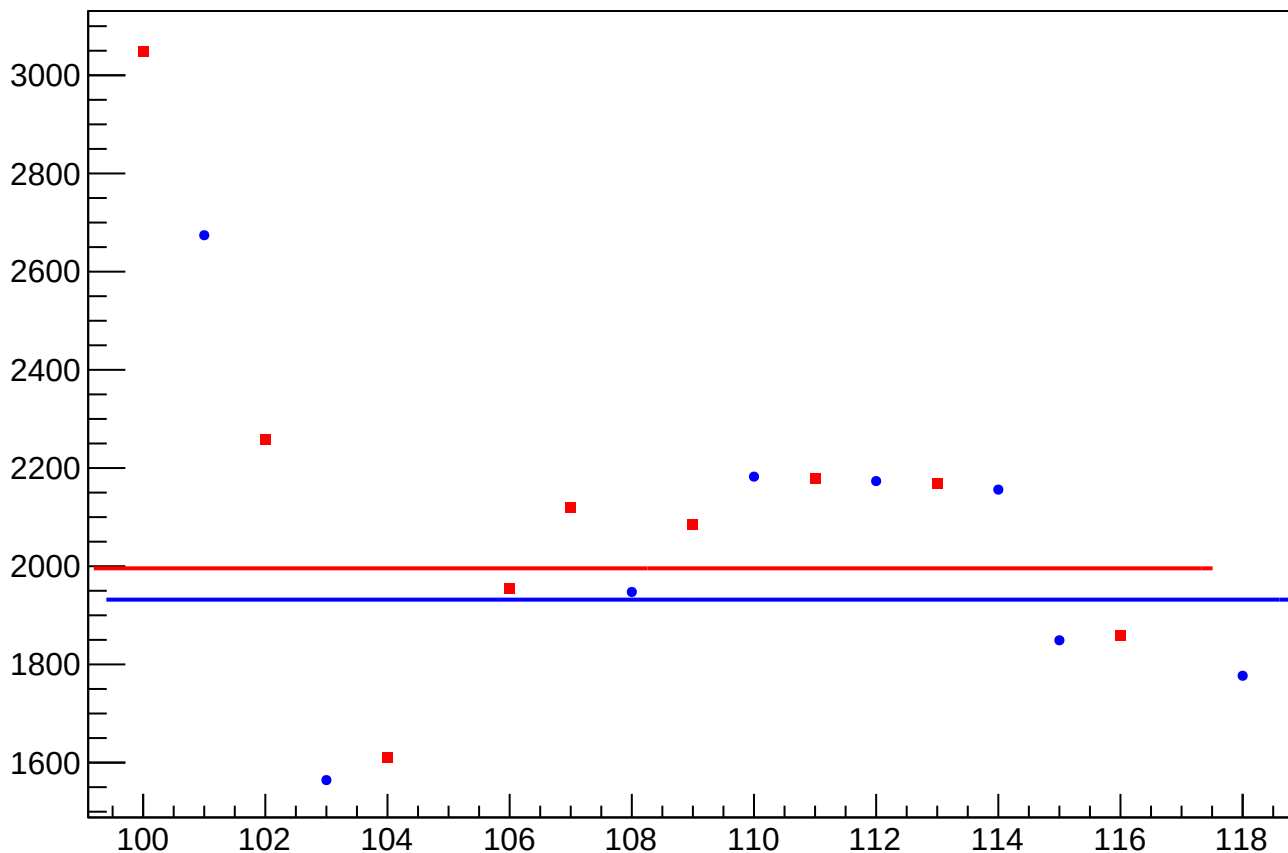
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -261.801 $\pm$ 767.914 χ^2 /NDF: 16.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1931.966 $\pm$ 0.760 χ^2 /NDF: 201713.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1995.701 $\pm$ 0.772 χ^2 /NDF: 110808.3/8

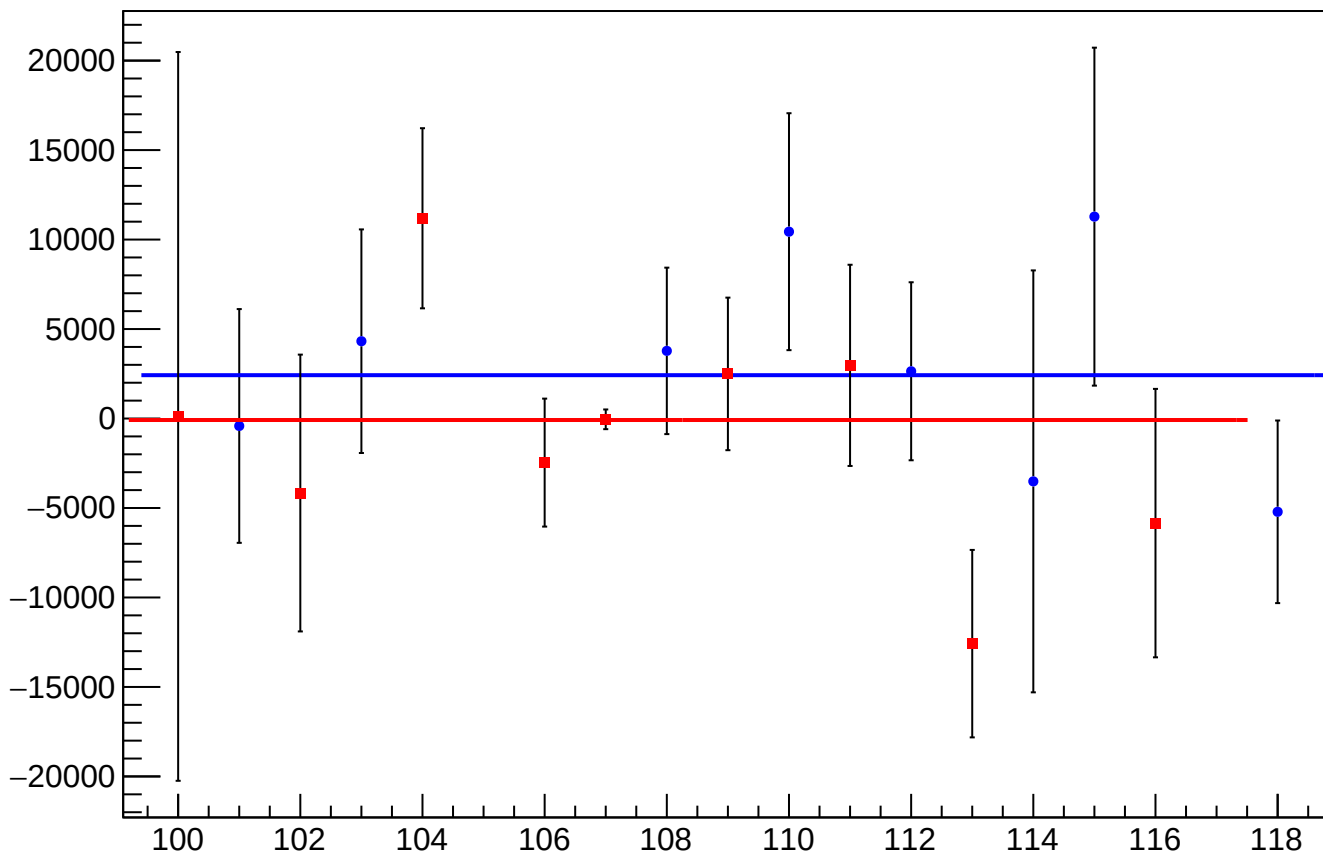
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1963.314 $\pm$ 0.542 χ^2 /NDF: 315982.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



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: -83.002+/-528.575 χ^2/NDF : 12.7/8

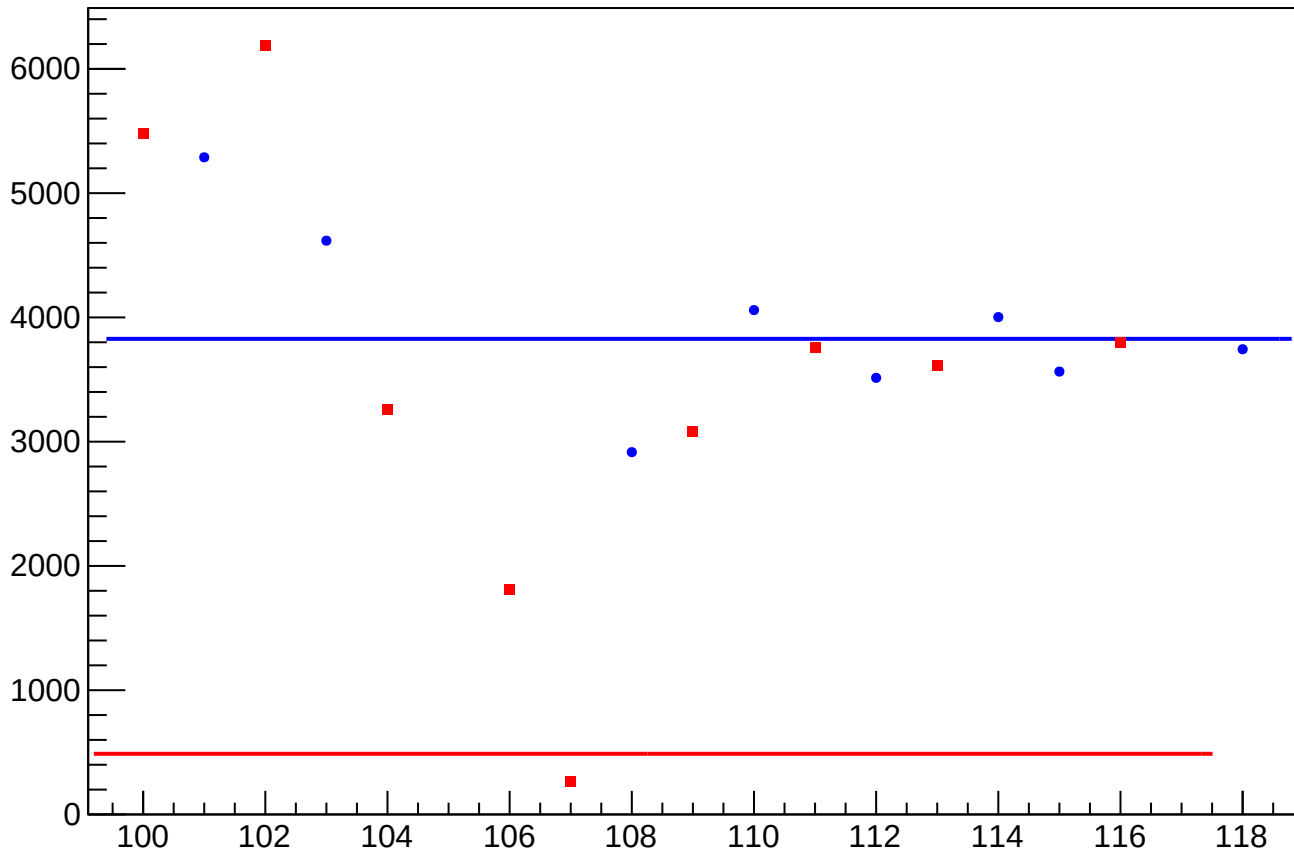
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.184+/-513.355 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



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: 488.151 $\pm$ 0.374 χ^2 /NDF: 4935050.4/8

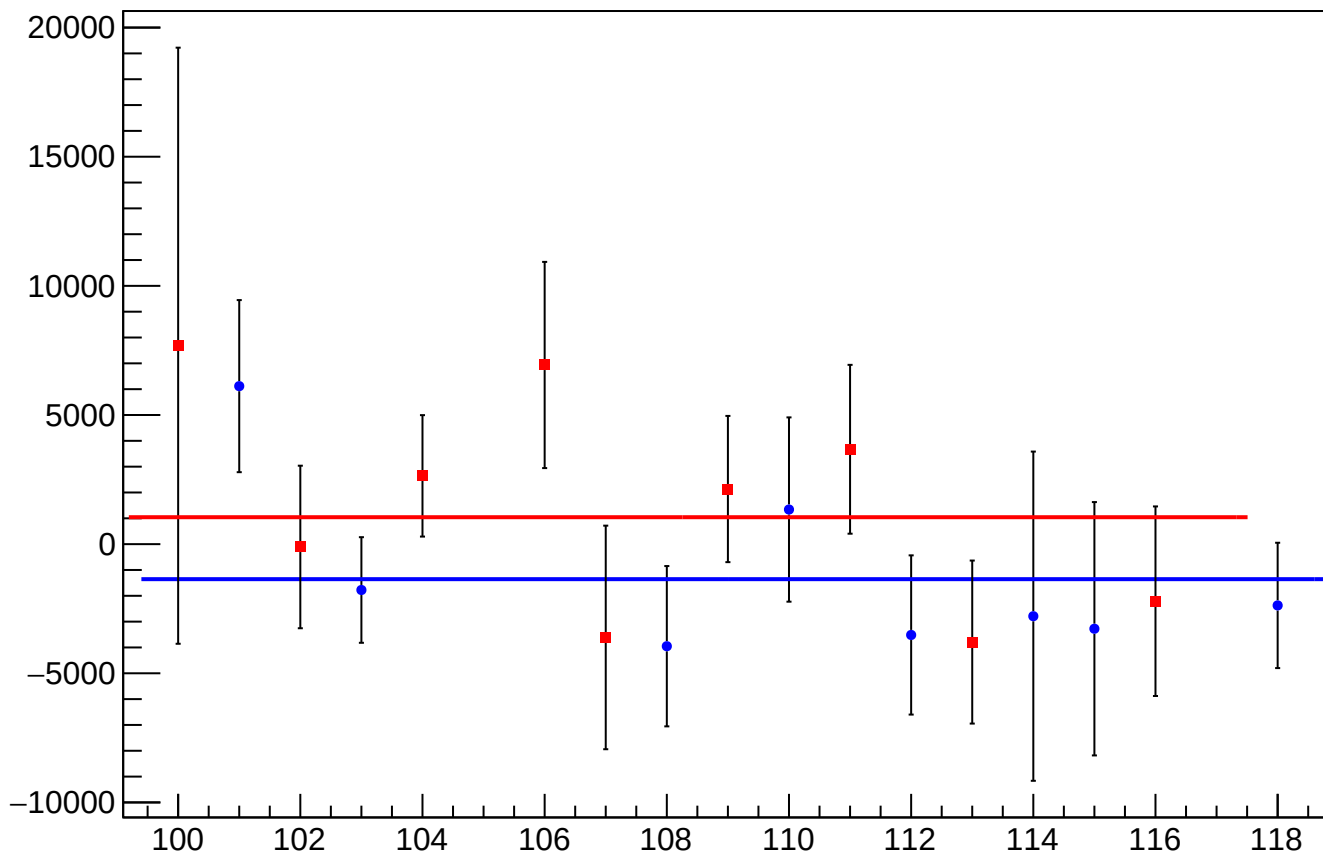
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.698 $\pm$ 0.363 χ^2 /NDF: 9688096.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -1355.789 $\pm$ 1082.713 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1042.752 $\pm$ 1118.979 χ^2 /NDF: 8.2/8

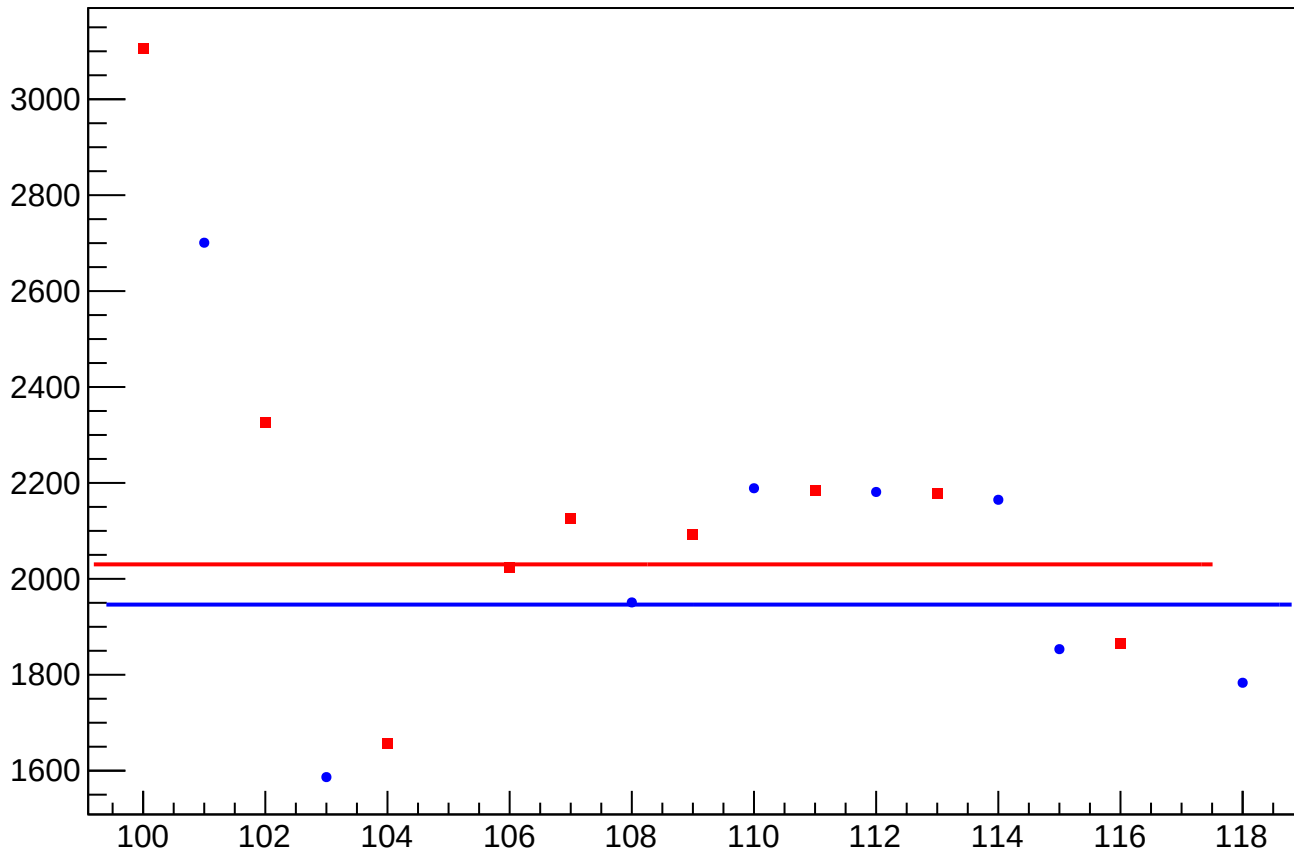
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.016 $\pm$ 778.099 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



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: 2030.182+/-0.790 χ^2/NDF : 100172.5/8

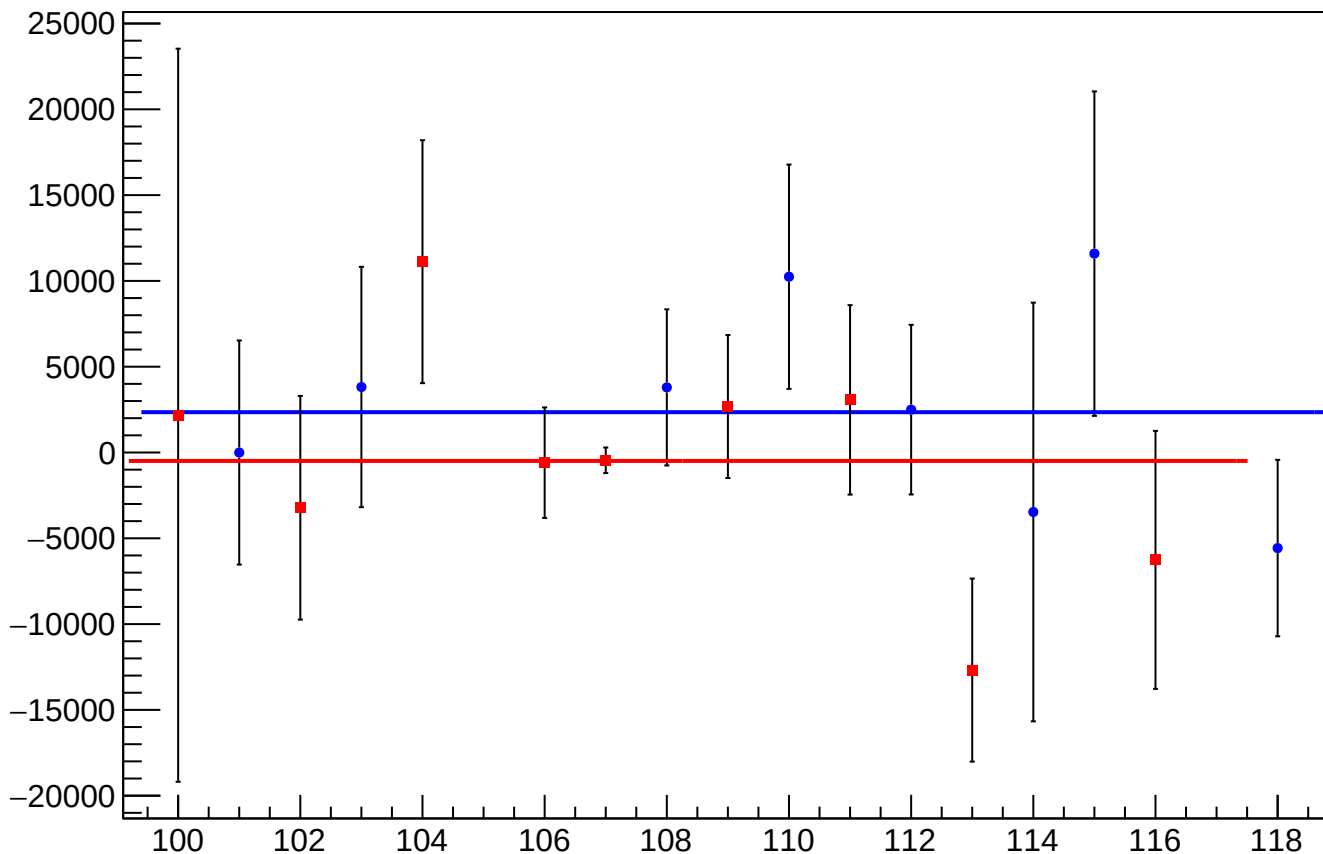
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.965+/-0.550 χ^2/NDF : 303425.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 2349.481 $\pm$ 2170.773 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -491.491 $\pm$ 692.758 χ^2 /NDF: 9.7/8

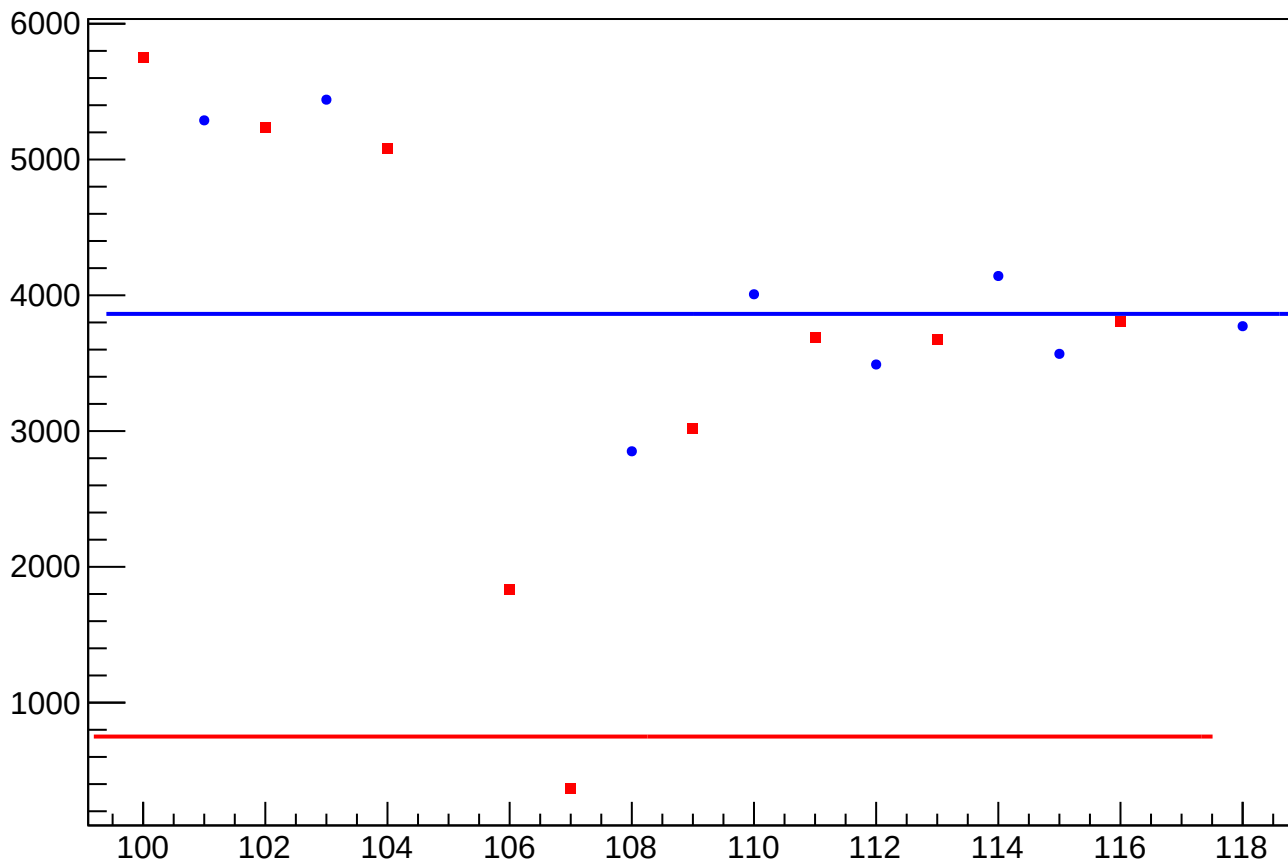
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -228.899 $\pm$ 659.966 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



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: 750.104+/-0.490 χ^2/NDF : 4651206.3/8

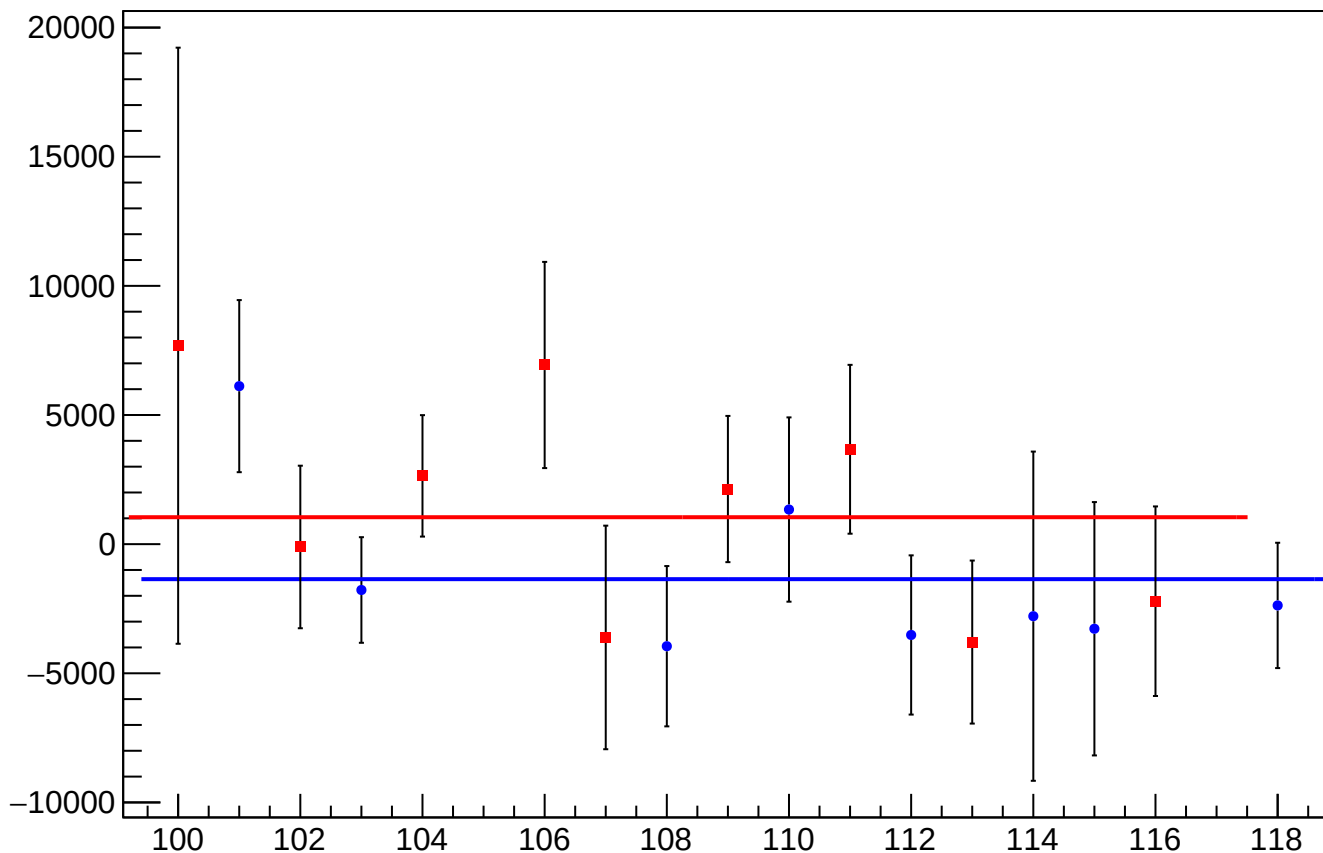
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.834+/-0.467 χ^2/NDF : 8695542.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -1355.786 $\pm$ 1082.713 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1042.761 $\pm$ 1118.979 χ^2 /NDF: 8.2/8

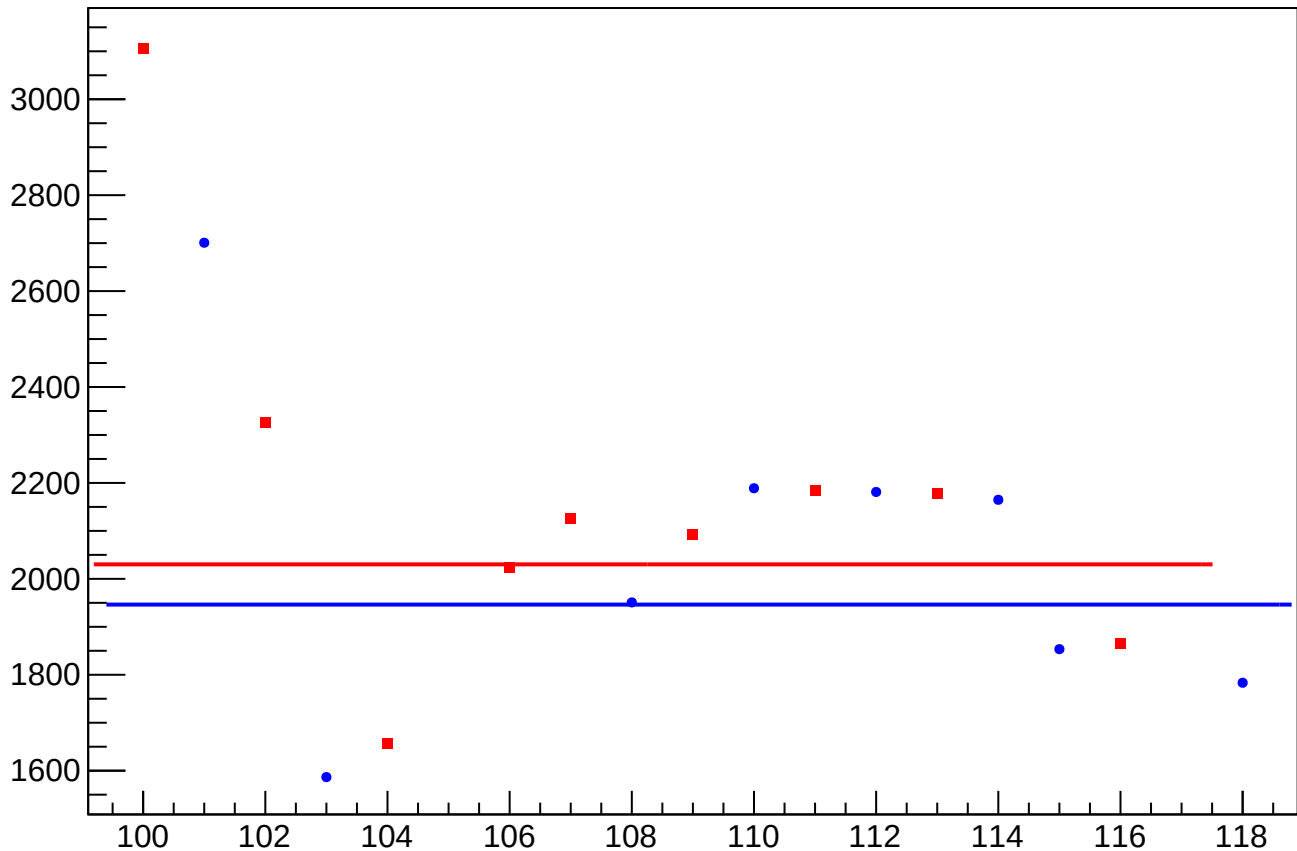
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.011 $\pm$ 778.099 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



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: 2030.182+/-0.790 χ^2/NDF : 100172.5/8

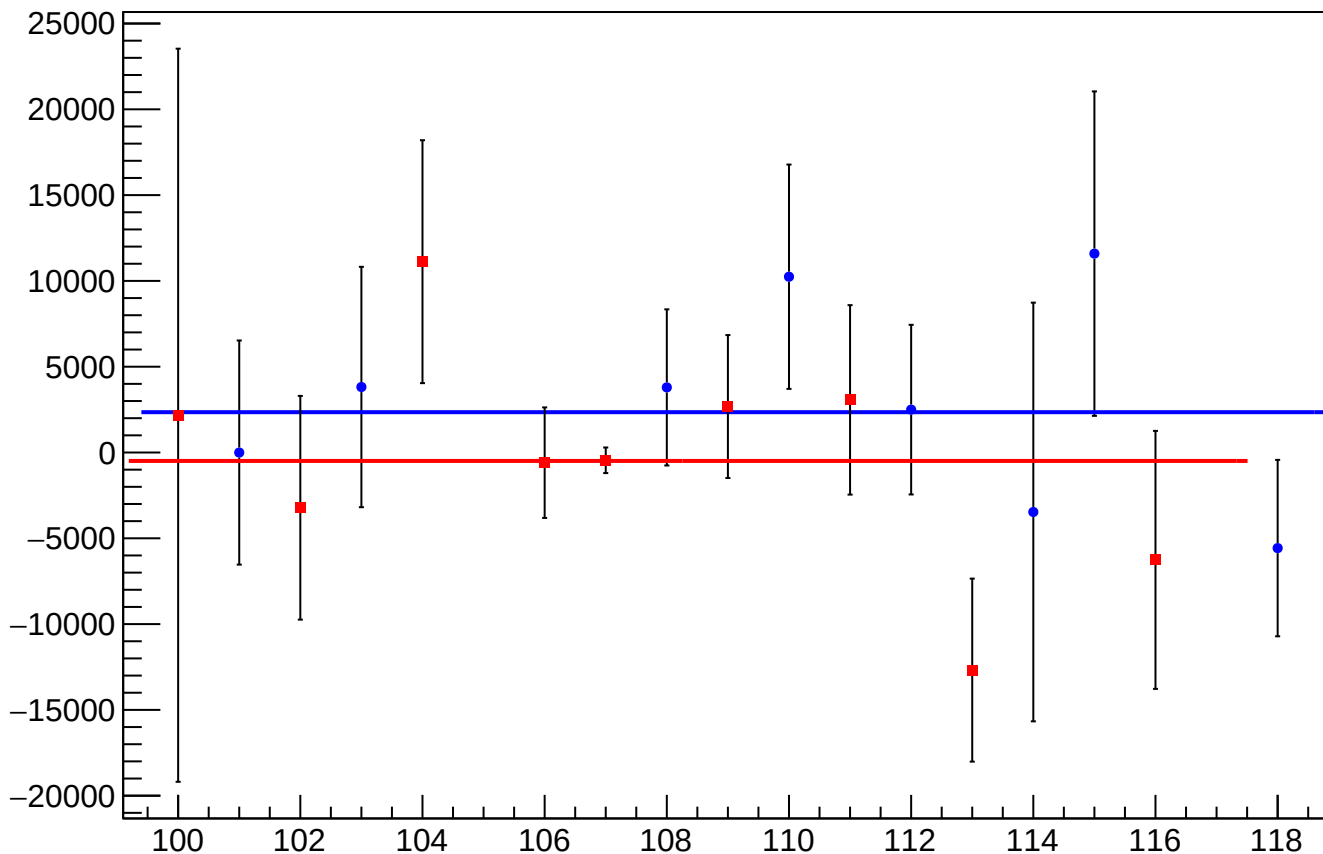
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.965+/-0.550 χ^2/NDF : 303425.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



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: -491.499+/-692.770 χ^2/NDF : 9.7/8

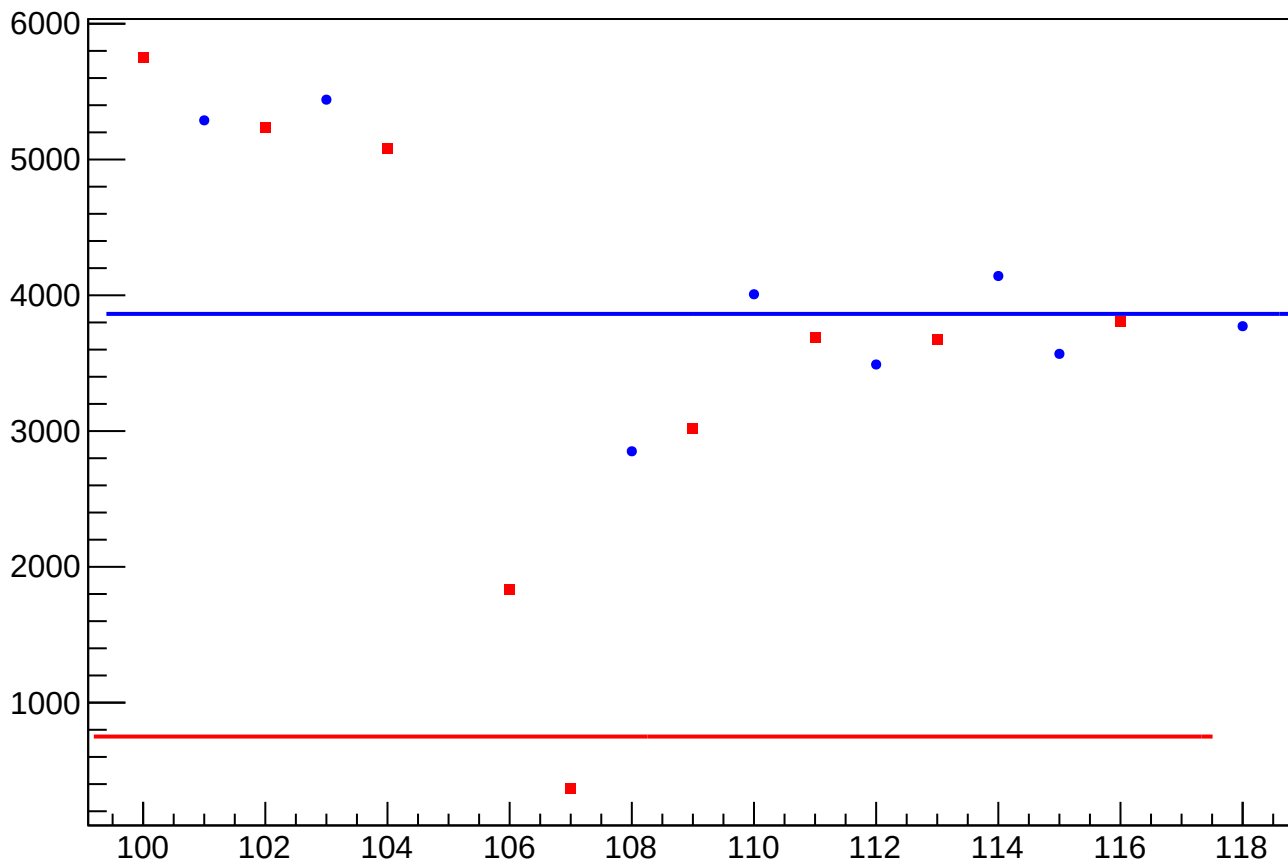
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.898+/-659.977 χ^2/NDF : 16.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



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: 750.126+/-0.490 χ^2/NDF : 4651158.7/8

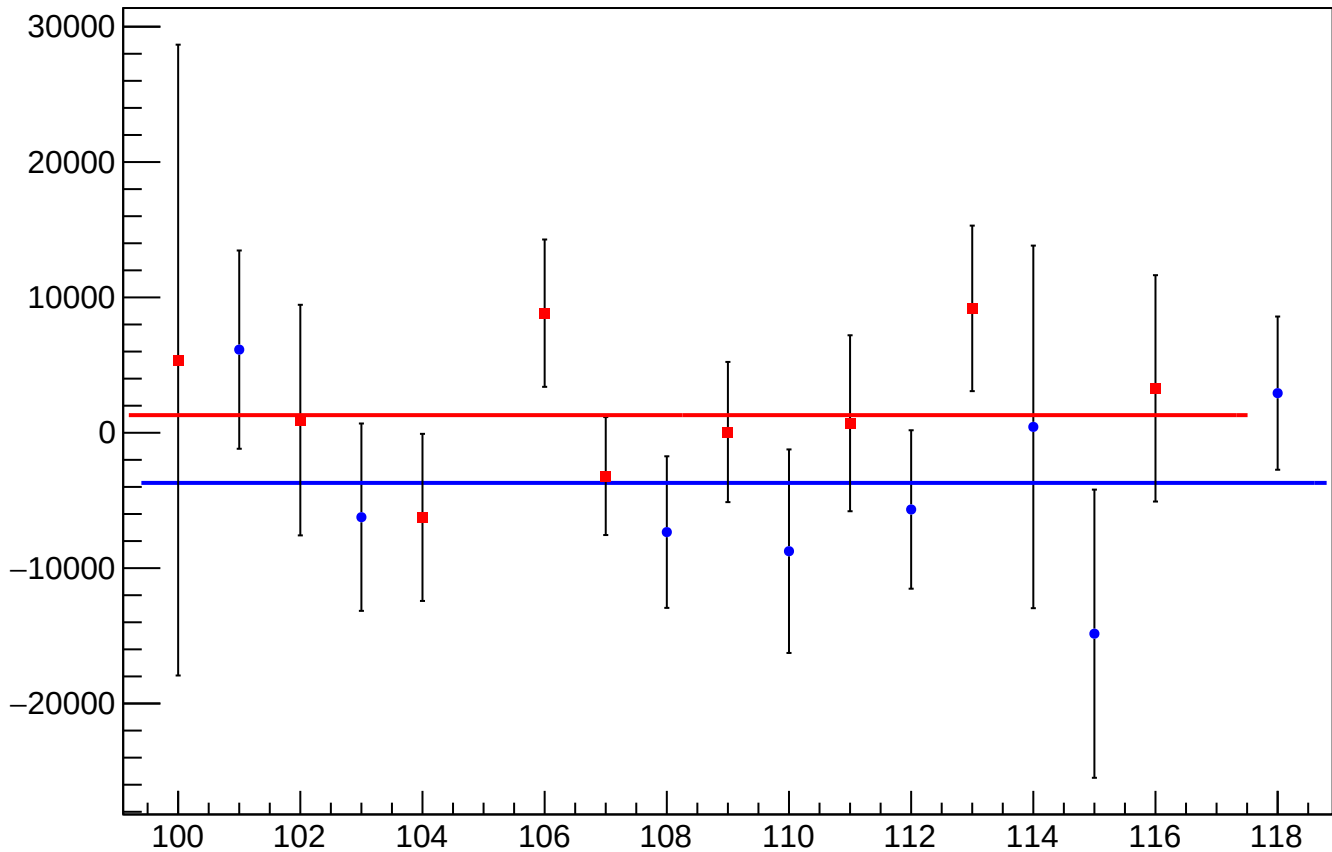
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1037.863+/-0.467 χ^2/NDF : 8695426.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -3702.707 $\pm$ 2469.990 χ^2 /NDF: 5.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1303.067 $\pm$ 2083.714 χ^2 /NDF: 6.3/8

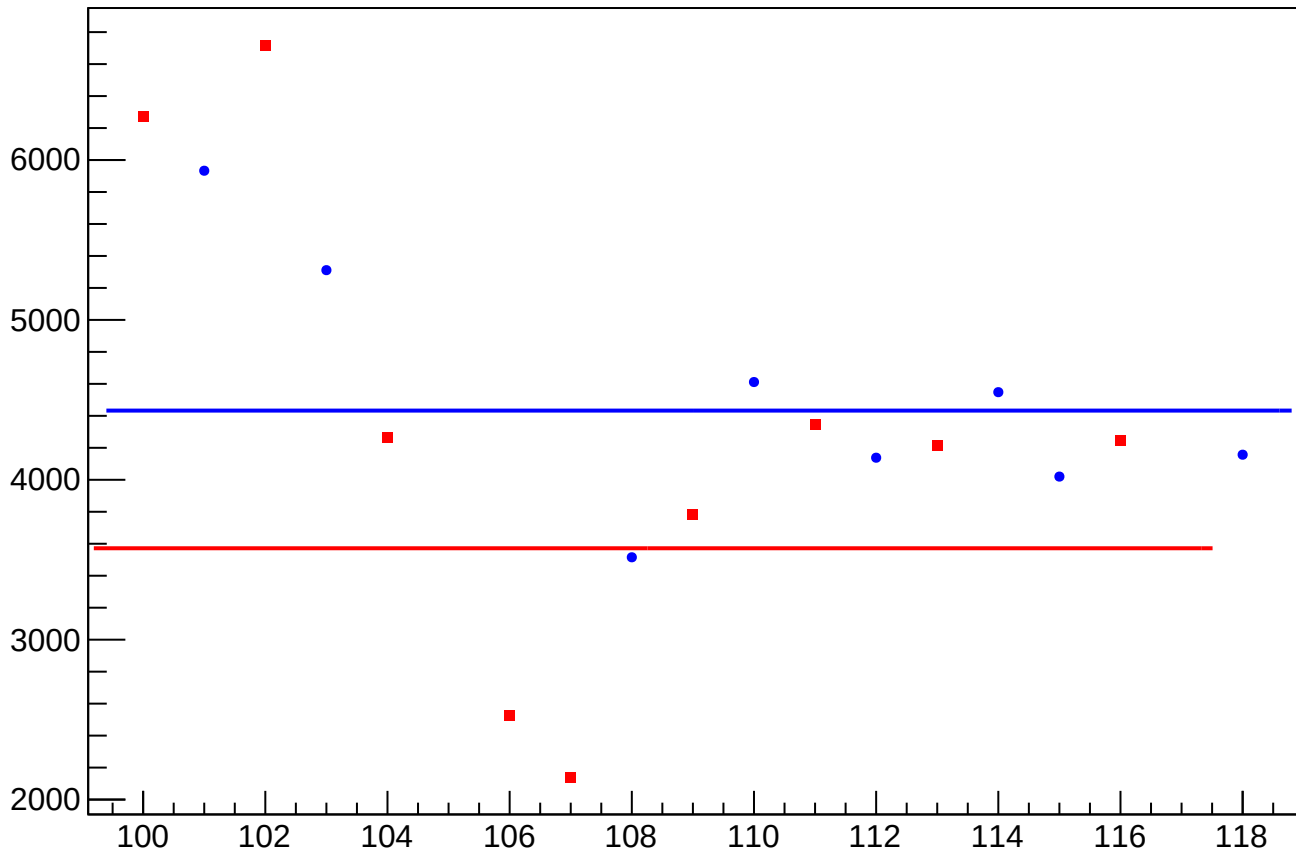
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -778.230 $\pm$ 1592.673 χ^2 /NDF: 14.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_rms vs Slug



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: 3571.753+/-1.447 χ^2/NDF : 699432.4/8

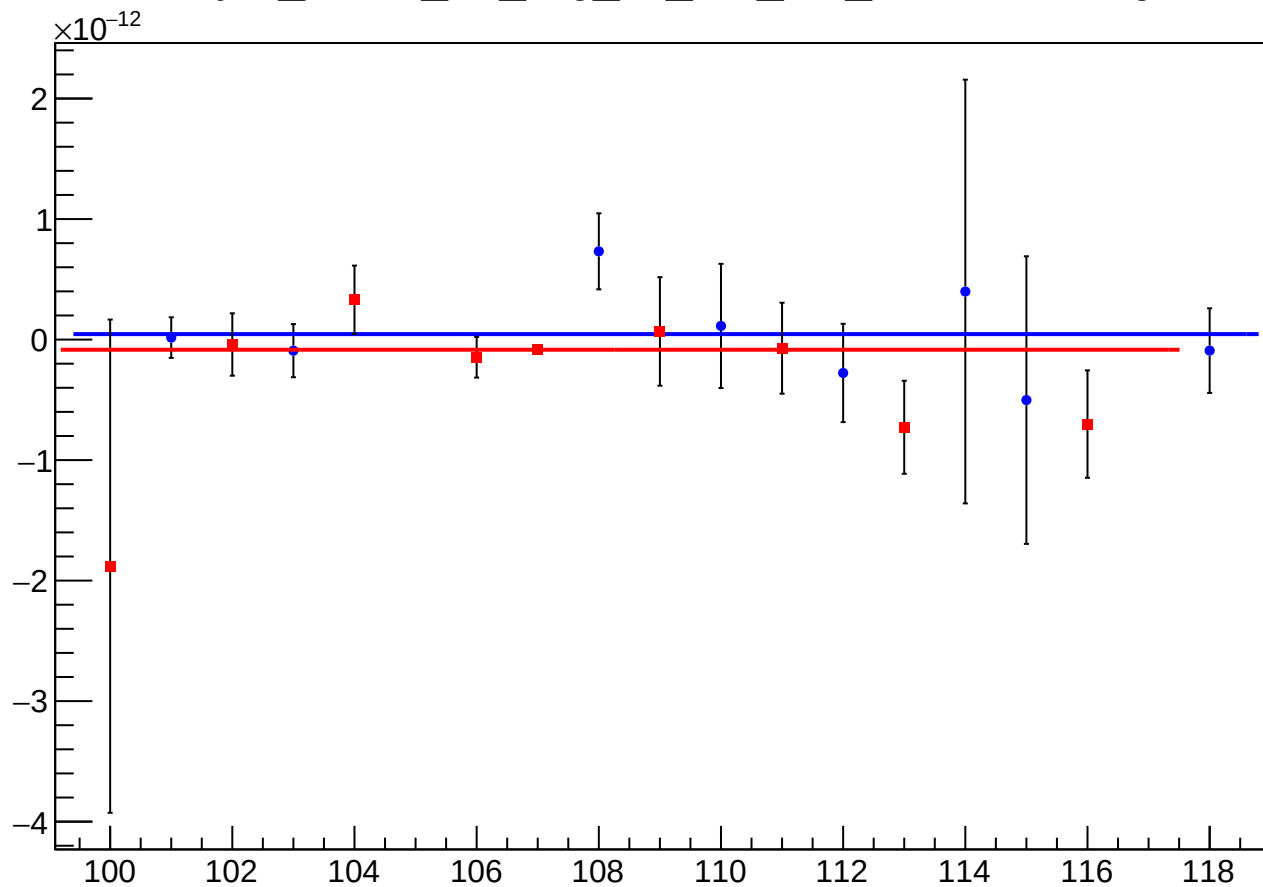
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3922.288+/-1.114 χ^2/NDF : 1027480.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



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: 7.9/8

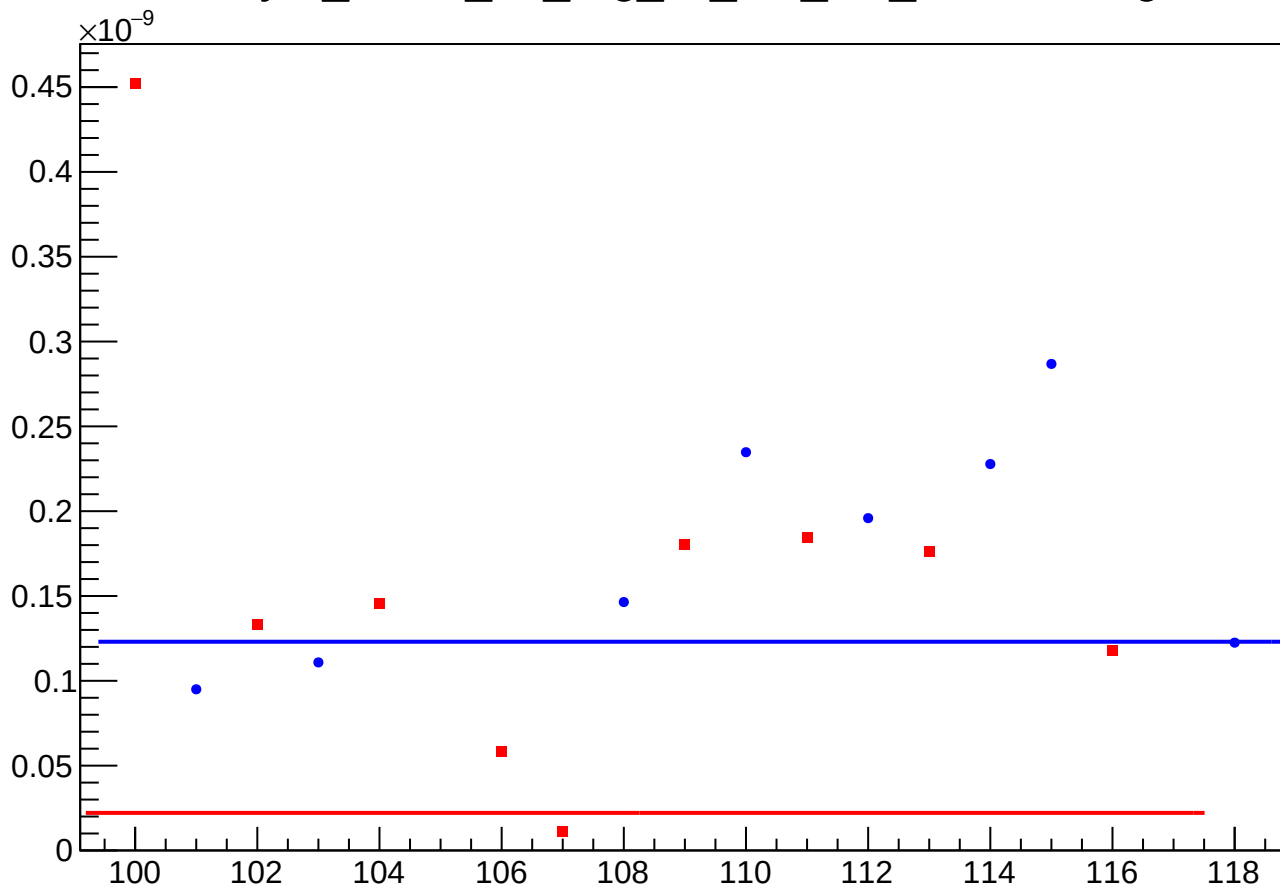
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



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 : 2127944.1/8

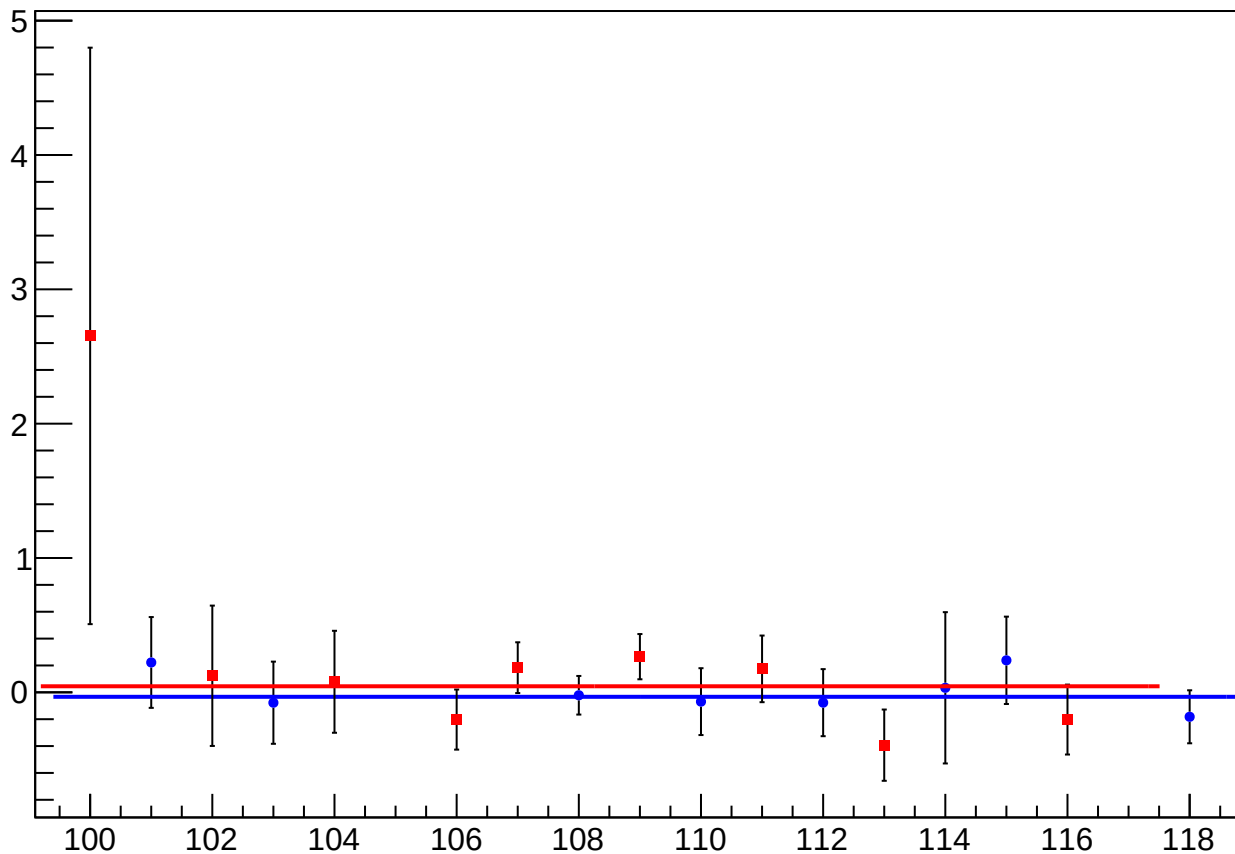
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3967124.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



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: 0.045+/-0.085 χ^2/NDF : 8.9/8

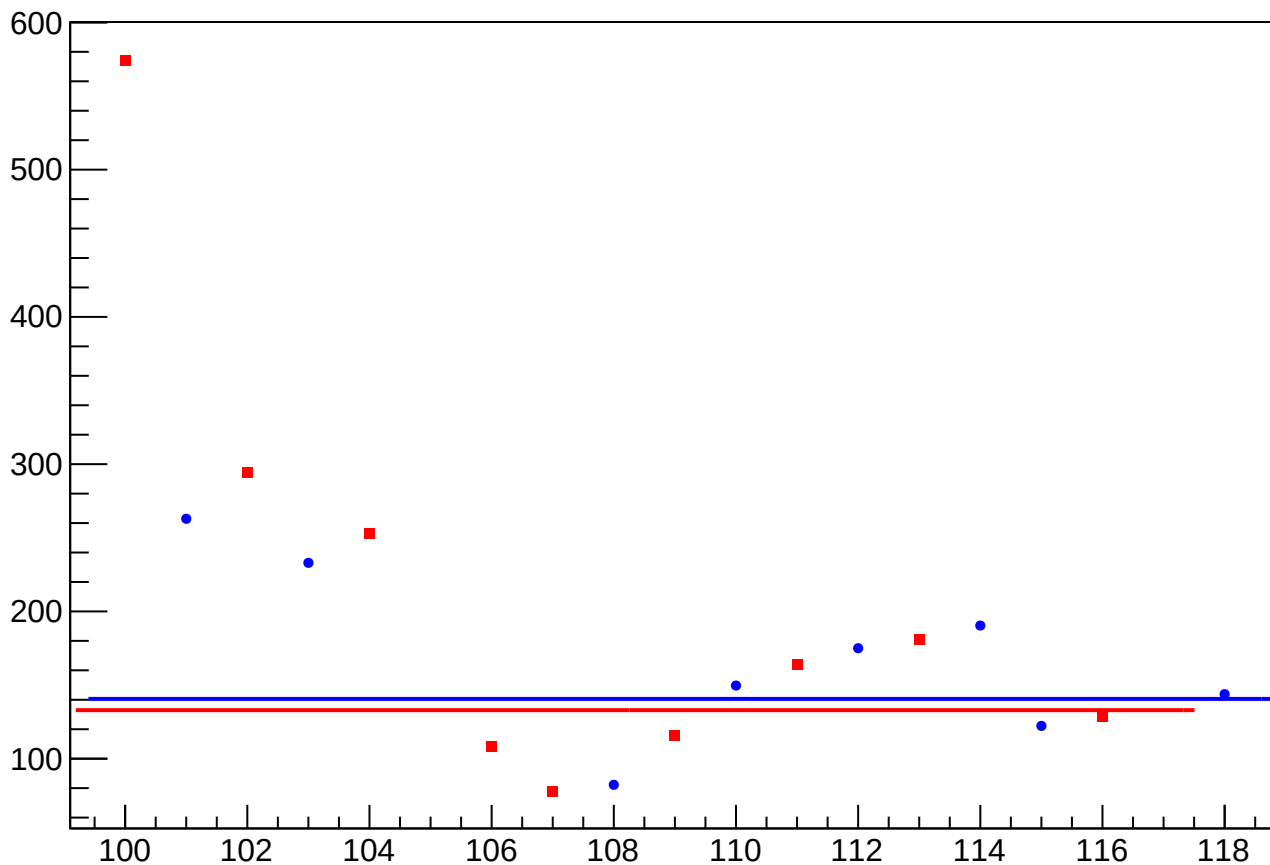
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.060 χ^2/NDF : 11.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



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: 132.956+/-0.060 χ^2/NDF : 791224.7/8

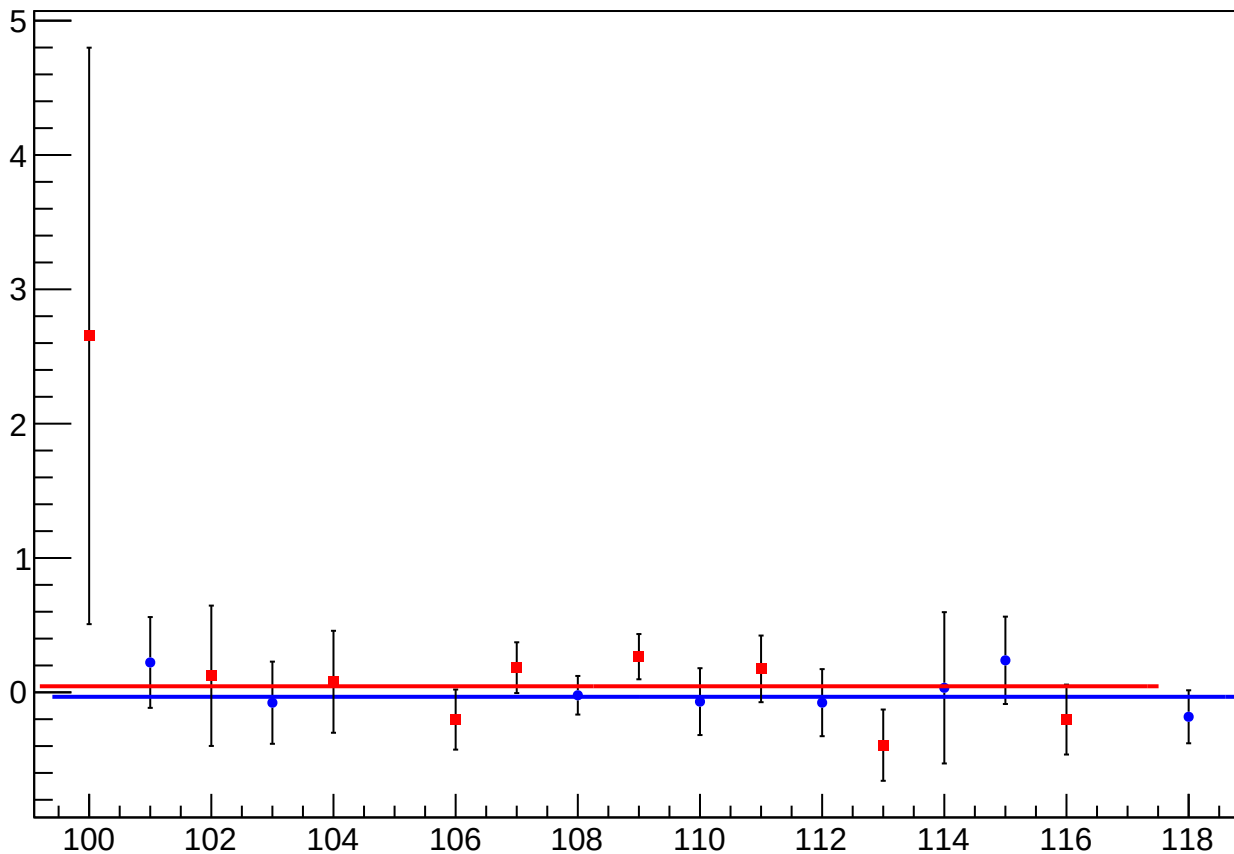
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.762+/-0.042 χ^2/NDF : 1636480.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.045+/-0.085 χ^2 /NDF: 8.9/8

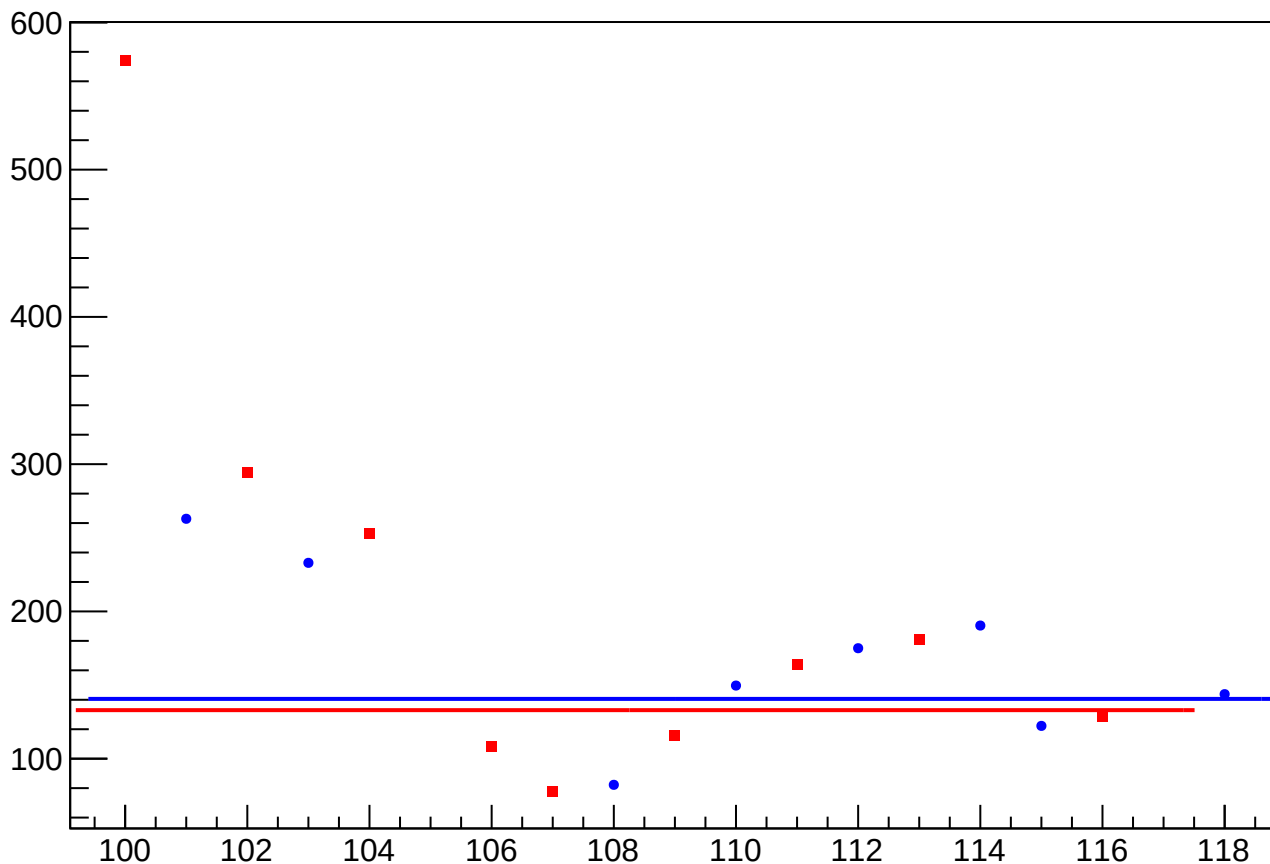
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.006+/-0.060 χ^2 /NDF: 11.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.595 $\pm$ 0.060 χ^2 /NDF: 837156.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.956 $\pm$ 0.060 χ^2 /NDF: 791224.7/8

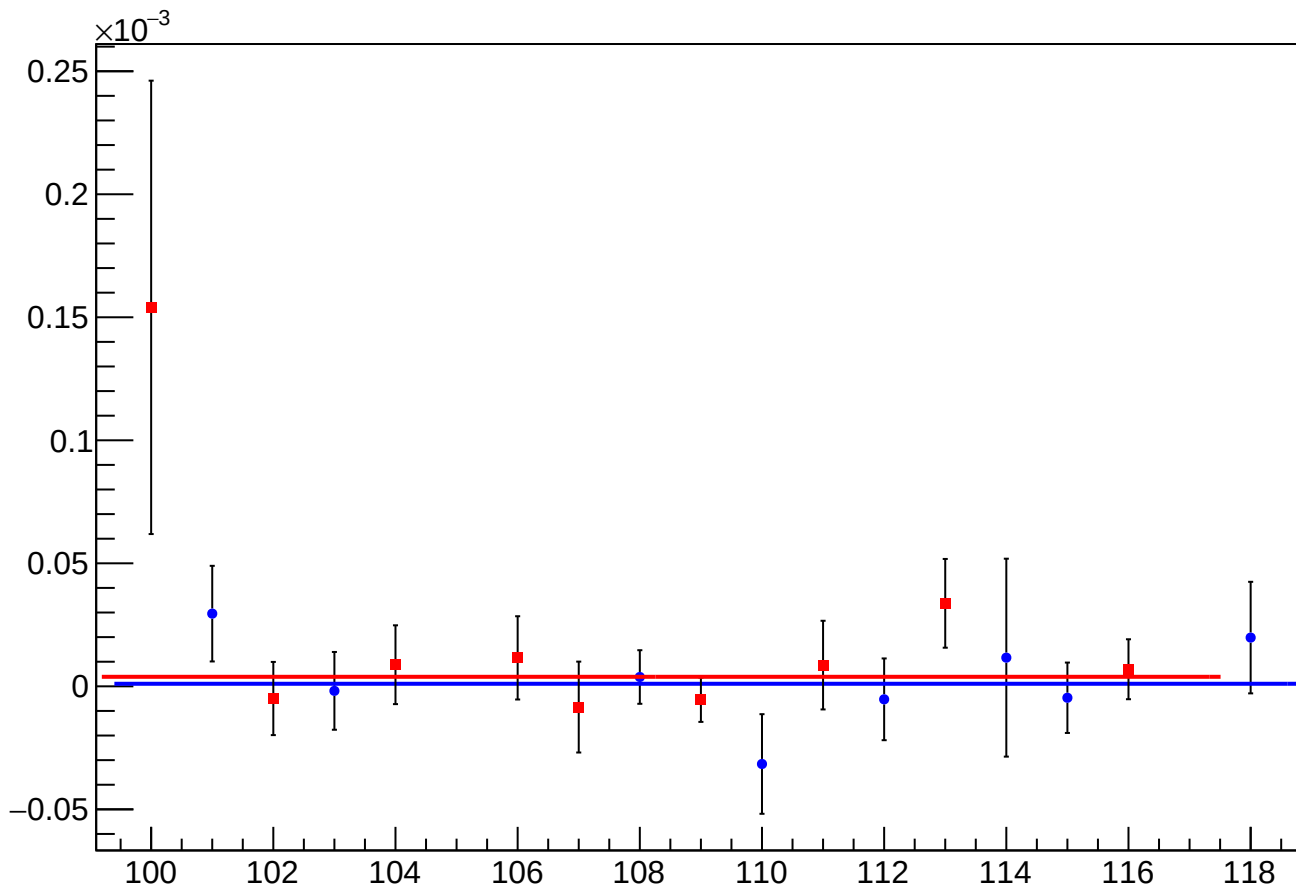
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.762 $\pm$ 0.042 χ^2 /NDF: 1636480.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/8

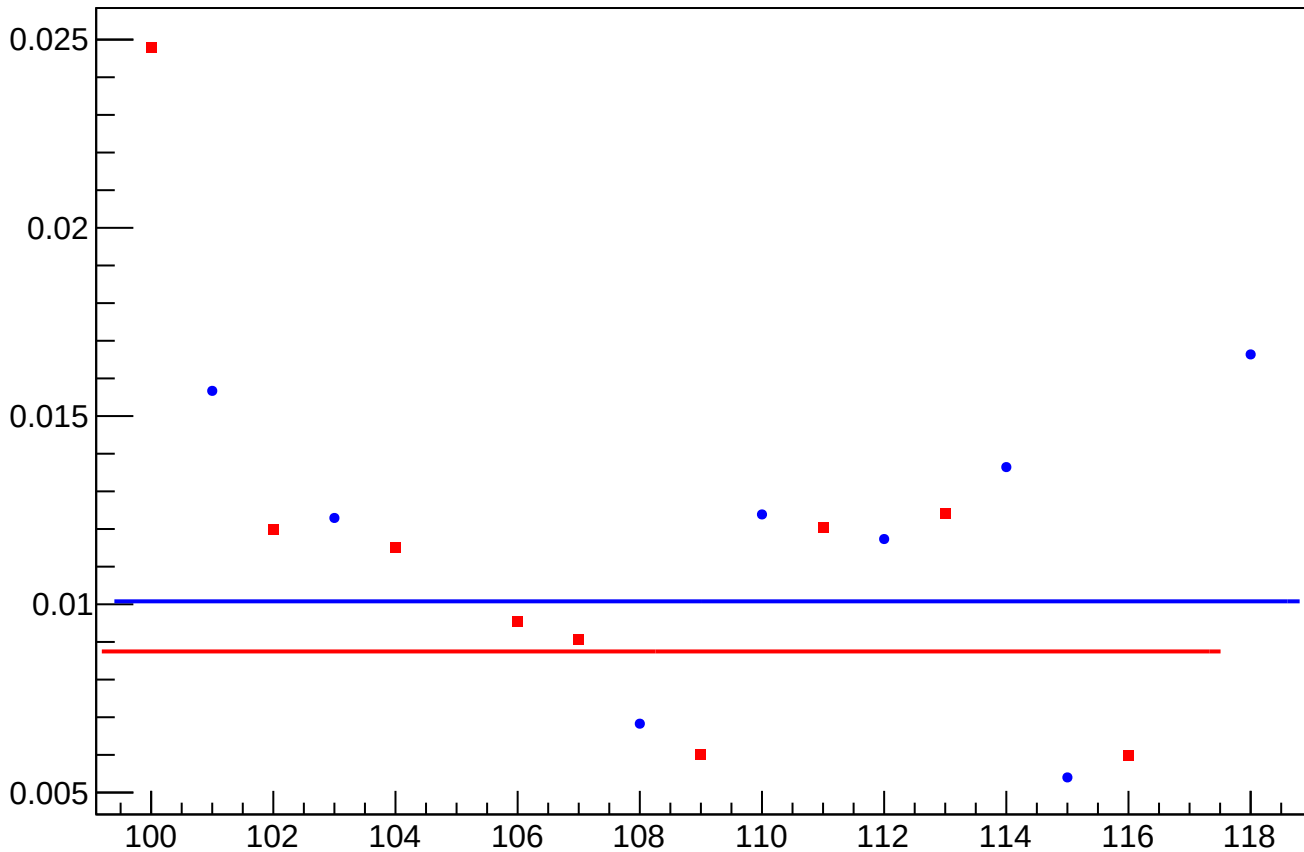
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 656857.9/8

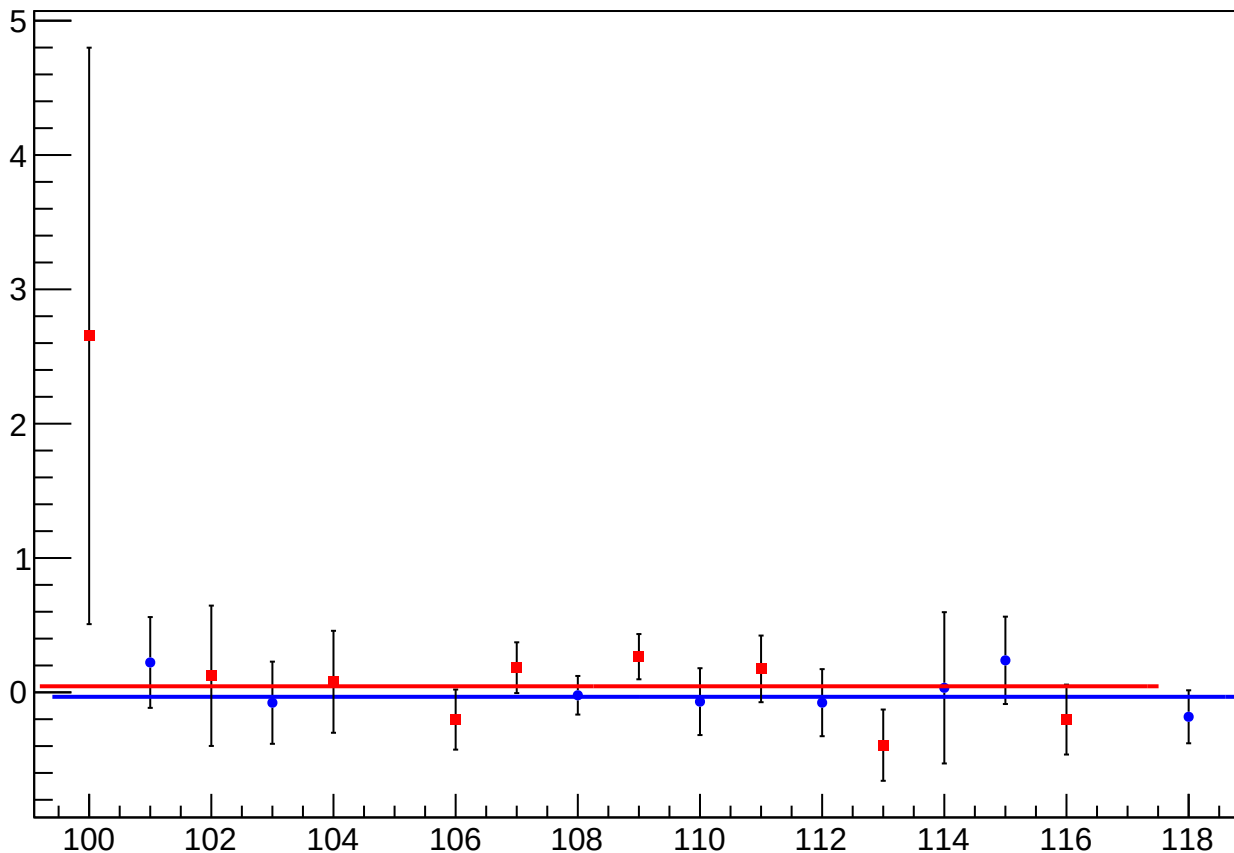
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1541713.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.045+/-0.085 χ^2 /NDF: 8.9/8

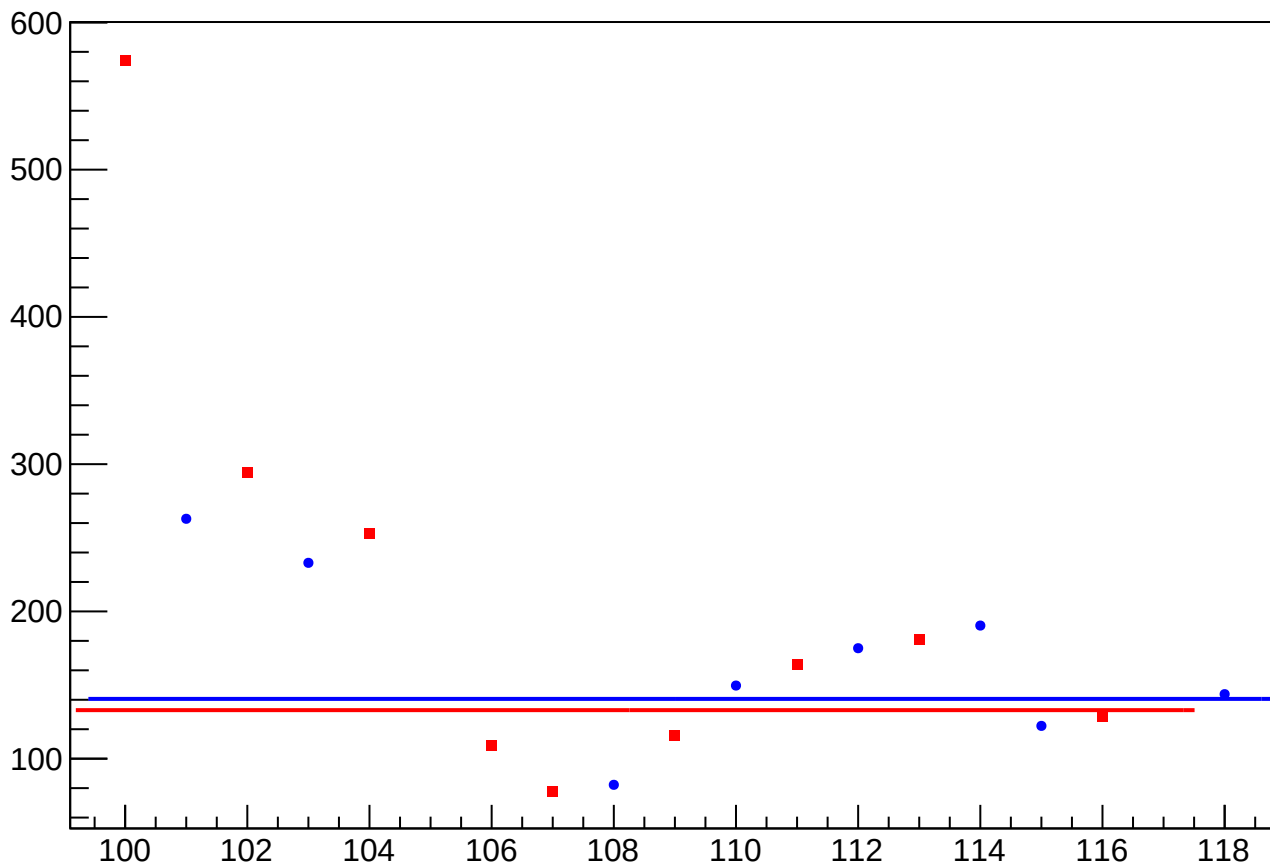
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.006+/-0.060 χ^2 /NDF: 11.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 132.956+/-0.060 χ^2/NDF : 791251.6/8

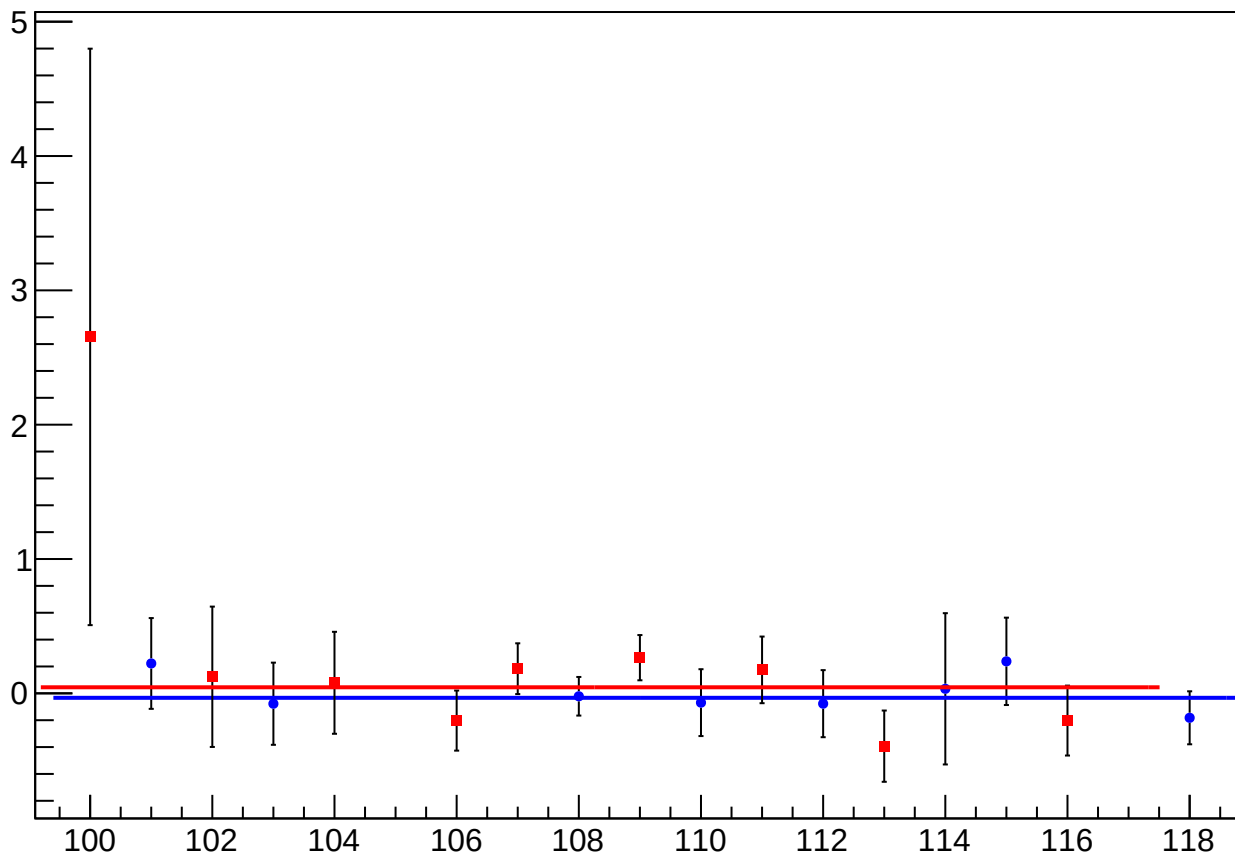
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.762+/-0.042 χ^2/NDF : 1636507.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.045+/-0.085 χ^2 /NDF: 8.9/8

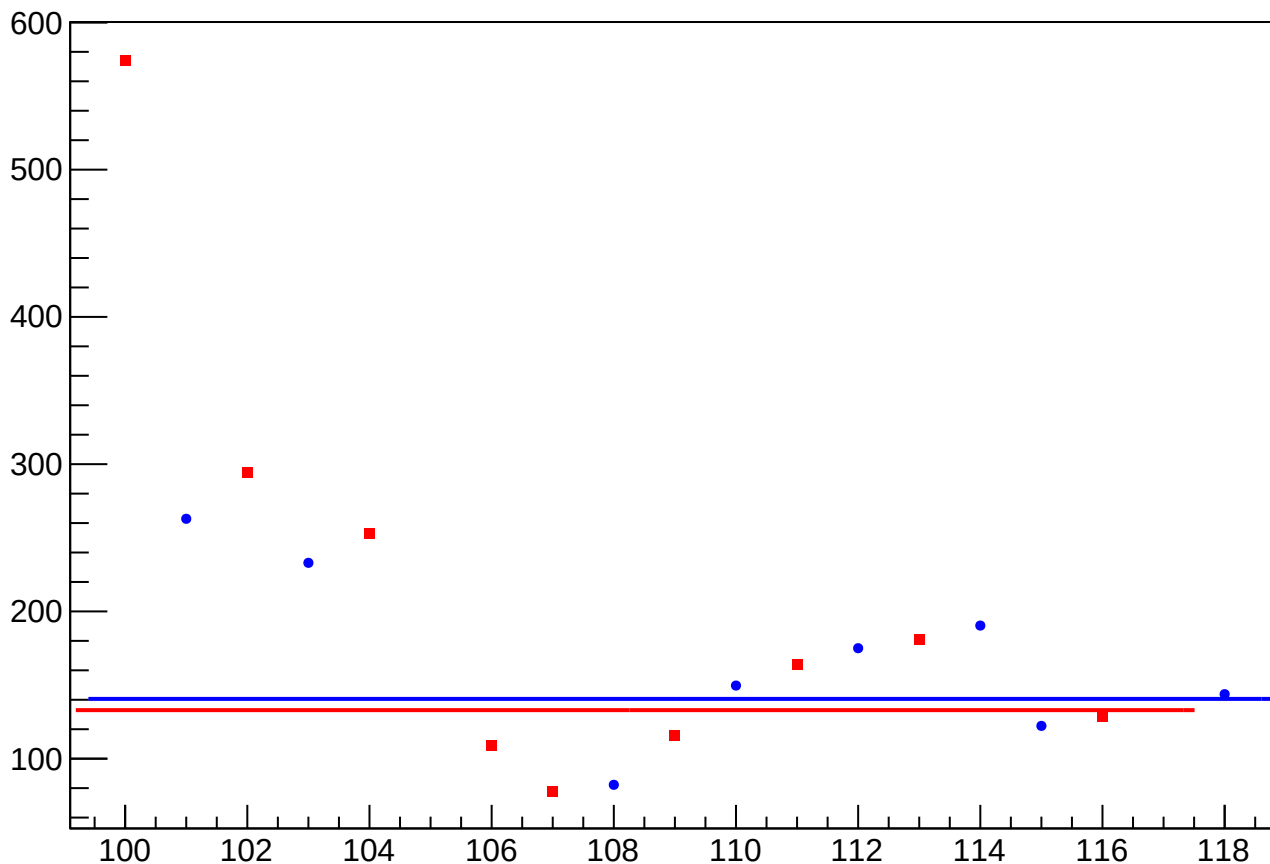
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.006+/-0.060 χ^2 /NDF: 11.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 140.594 $\pm$ 0.060 χ^2 /NDF: 837156.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 132.956 $\pm$ 0.060 χ^2 /NDF: 791251.6/8

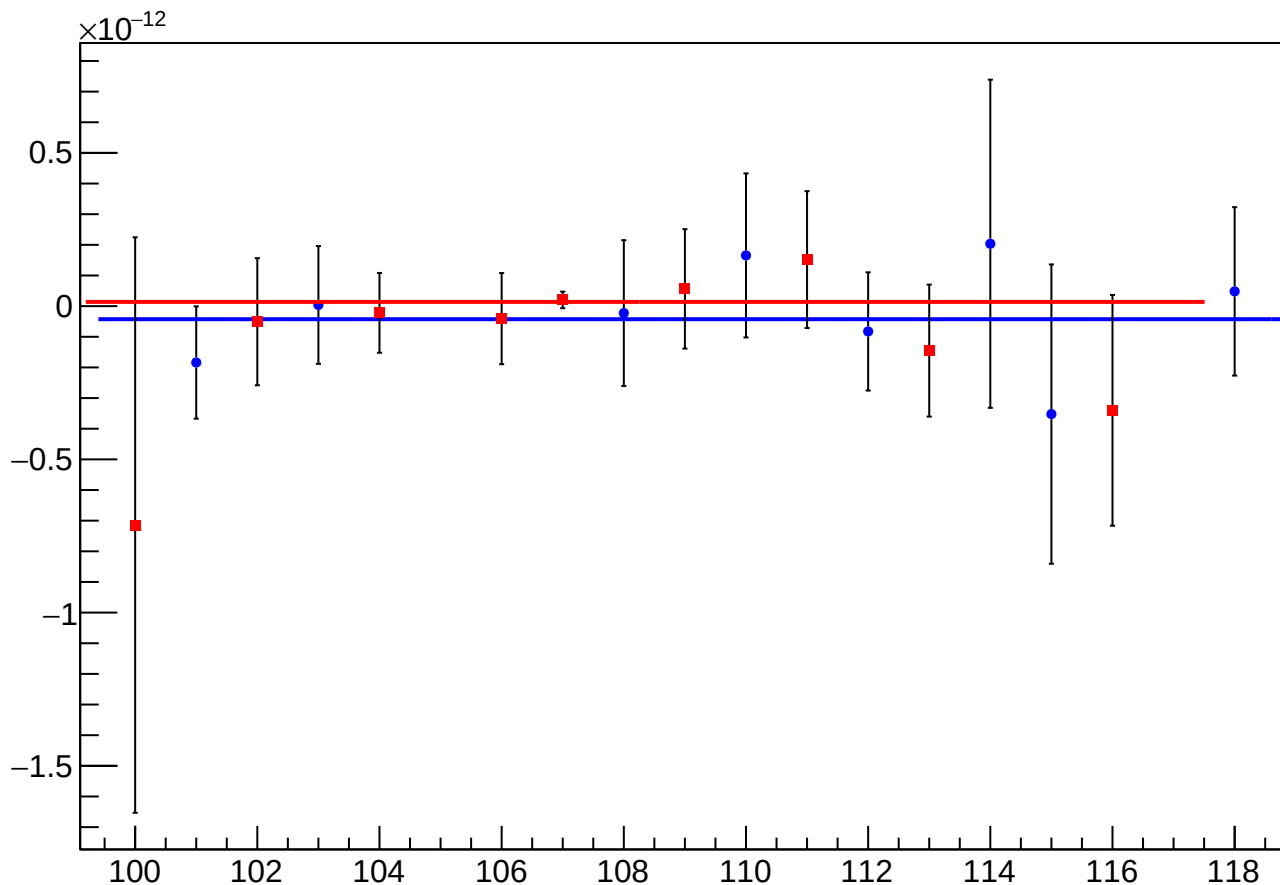
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.762 $\pm$ 0.042 χ^2 /NDF: 1636507.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 2.8/8

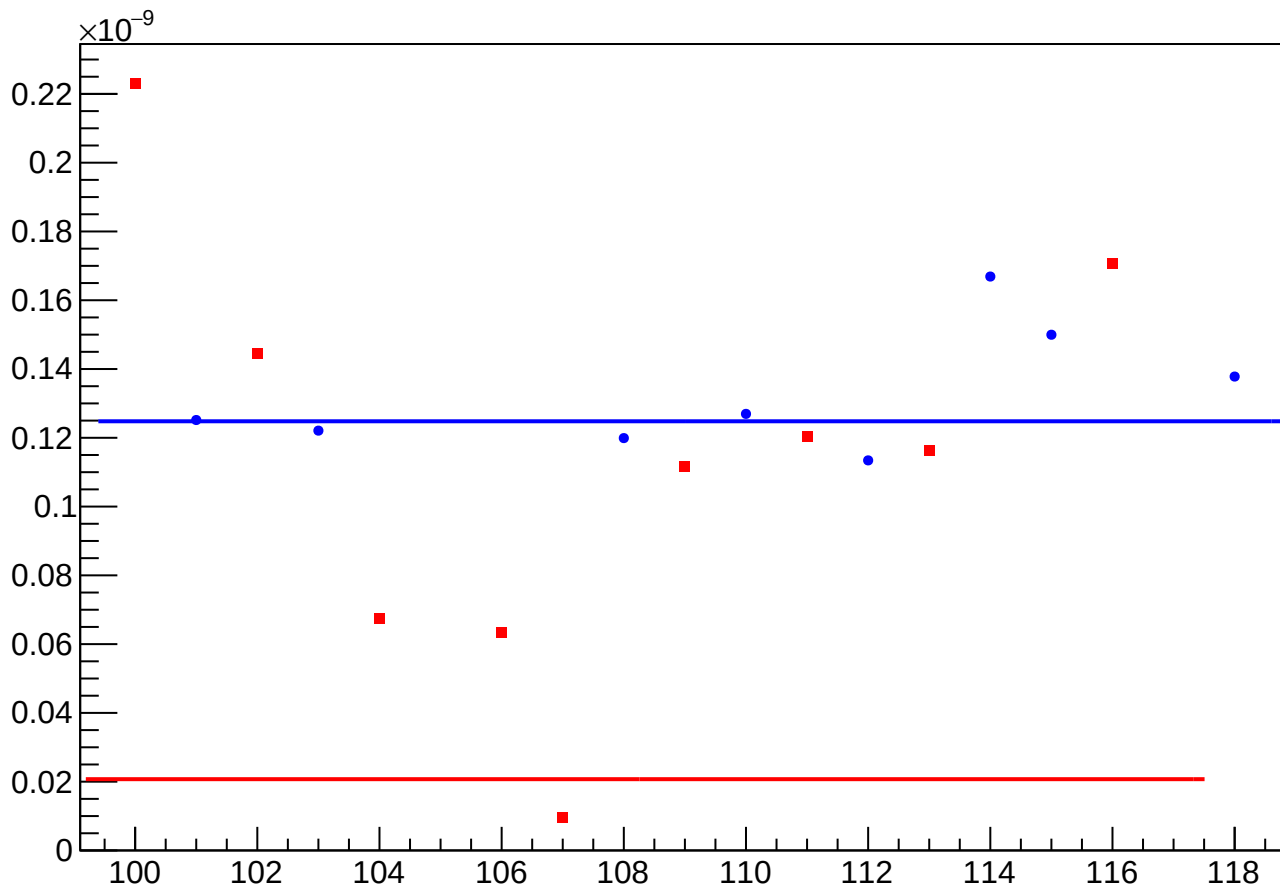
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 3114886.3/8

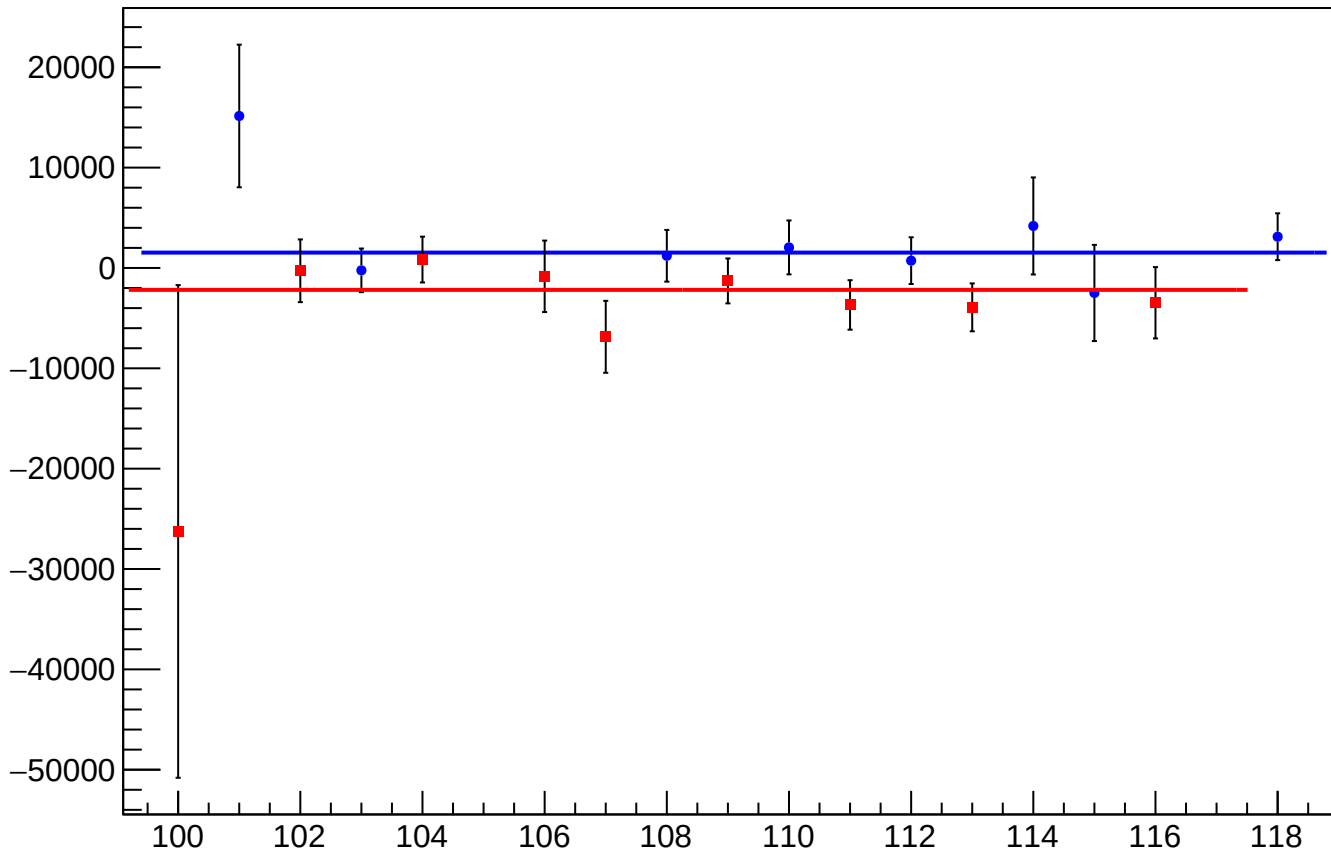
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5862824.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1532.017 $\pm$ 1012.609 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2182.415 $\pm$ 965.997 χ^2 /NDF: 6.1/8

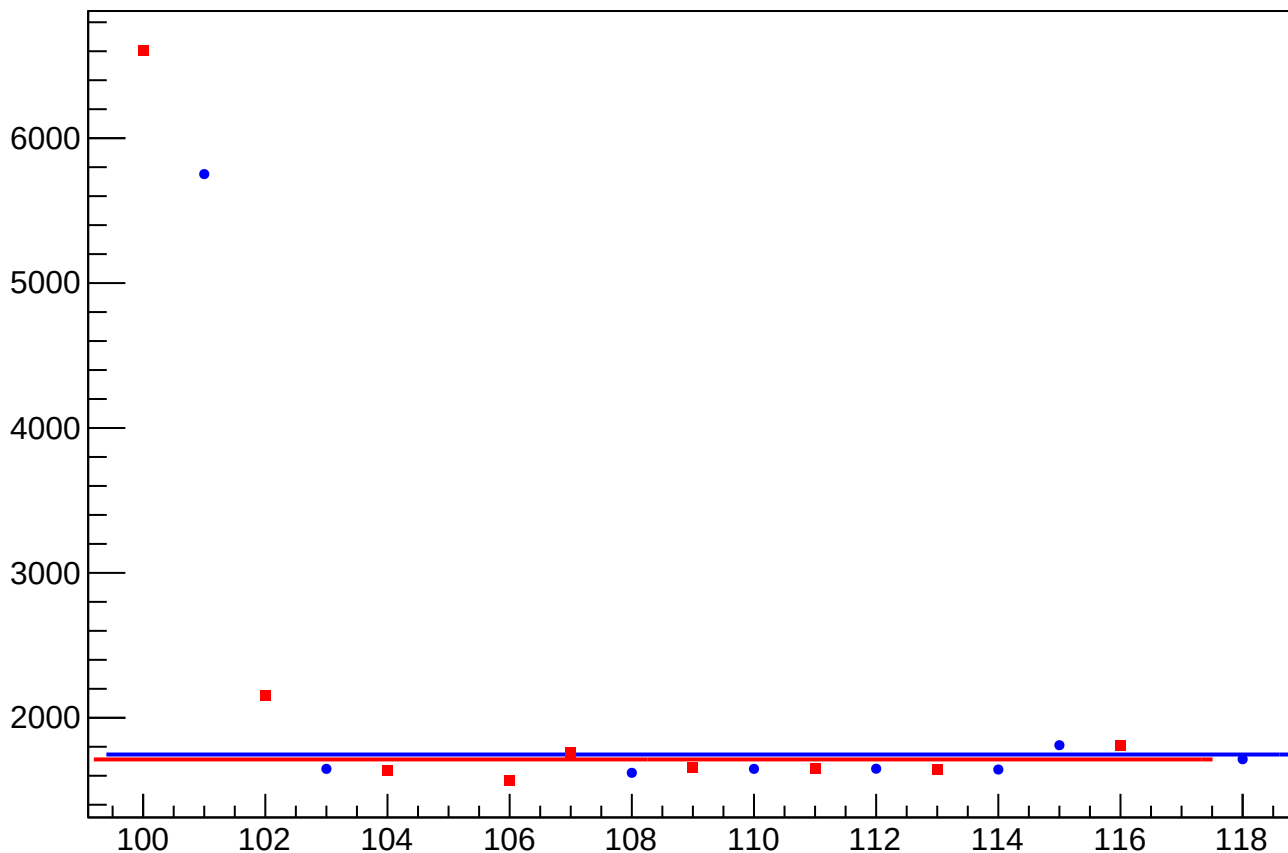
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -412.655 $\pm$ 698.961 χ^2 /NDF: 19.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



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: 1712.573+/-0.672 χ^2/NDF : 132578.2/8

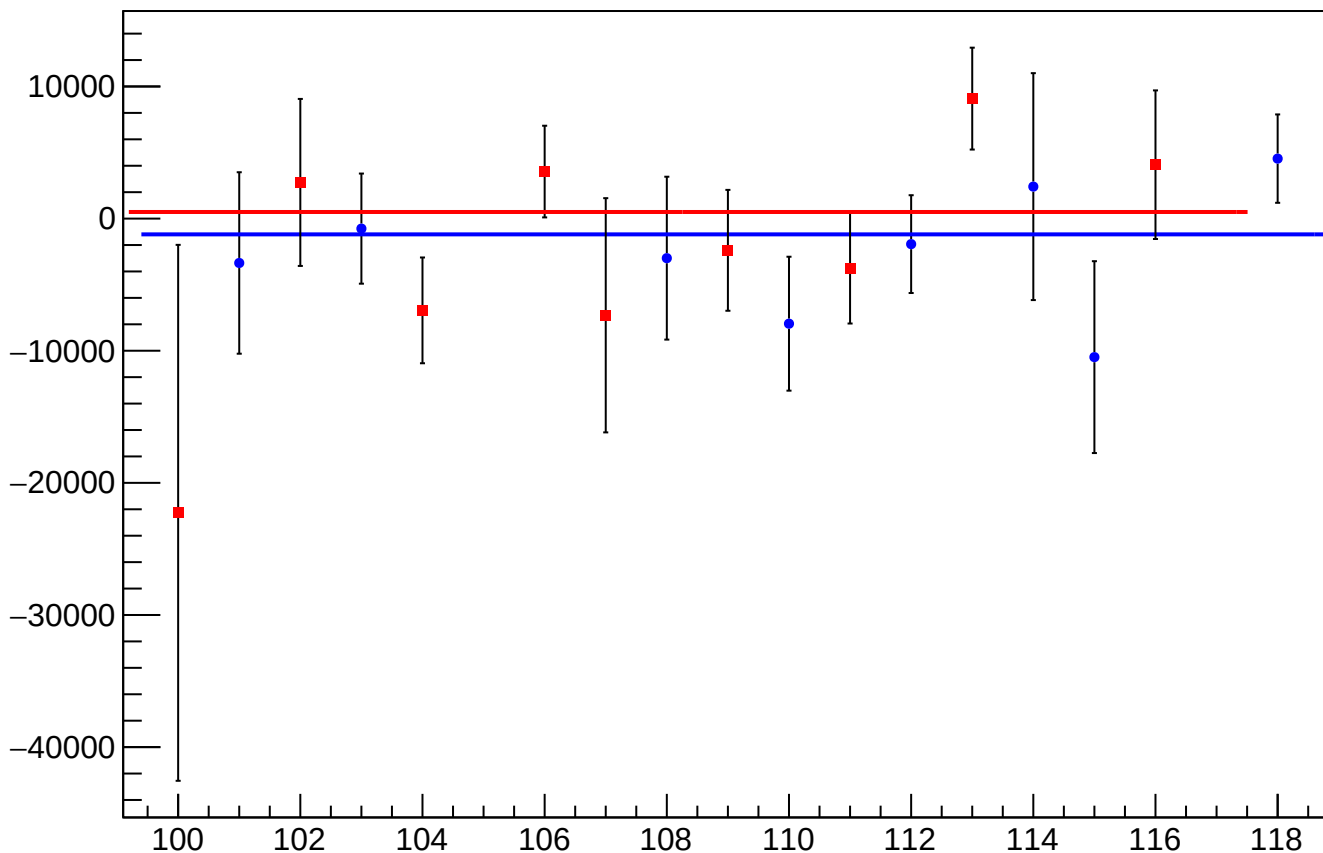
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1728.478+/-0.490 χ^2/NDF : 786221.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: -1193.078 $\pm$ 1717.537 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 500.667 $\pm$ 1602.575 χ^2 /NDF: 13.2/8

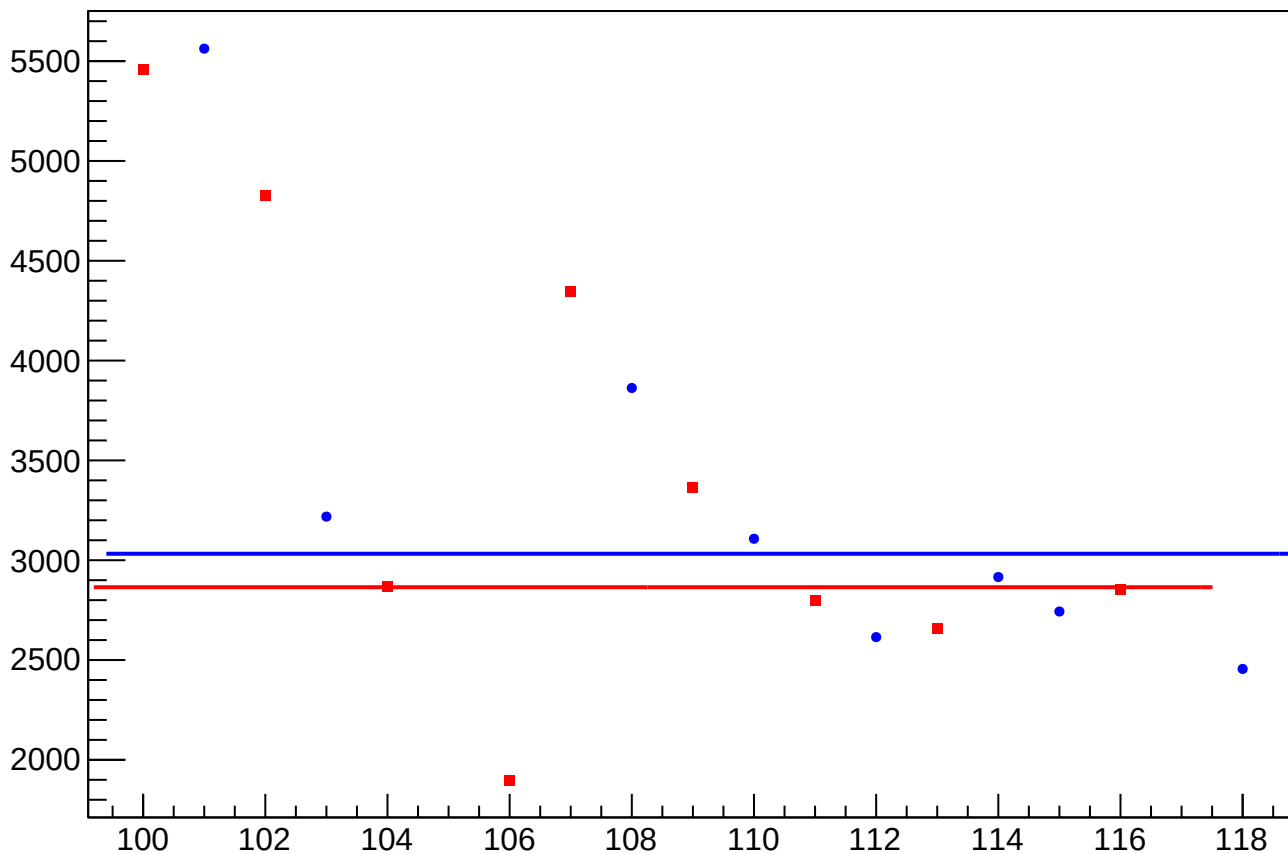
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -287.628 $\pm$ 1171.727 χ^2 /NDF: 20.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 3032.401+/-1.214 χ^2/NDF : 400792.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

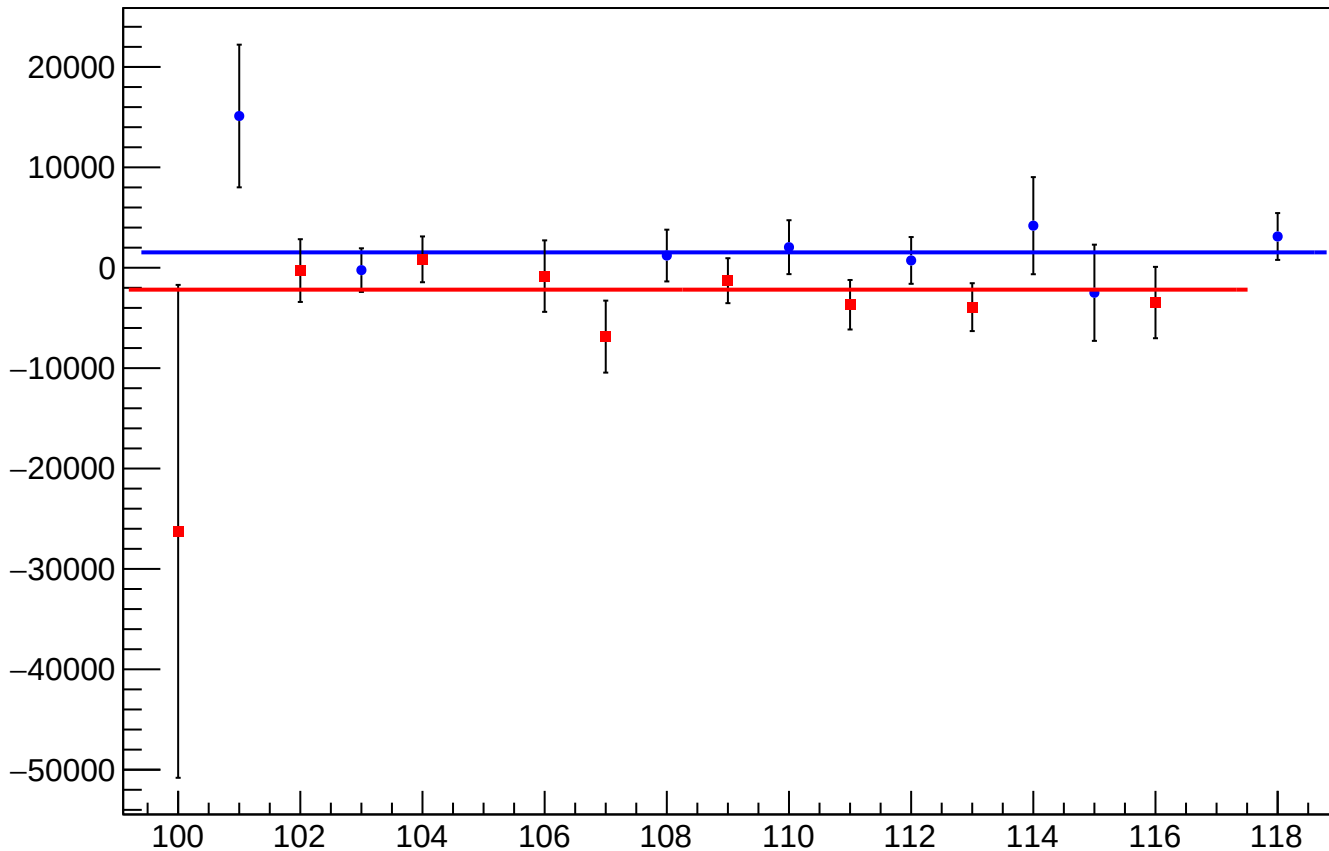
Right Out: 2864.802+/-1.133 χ^2/NDF : 467026.7/8

All: 2942.805+/-0.829 χ^2/NDF : 877999.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



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: -2182.614+/-965.997 χ^2/NDF : 6.1/8

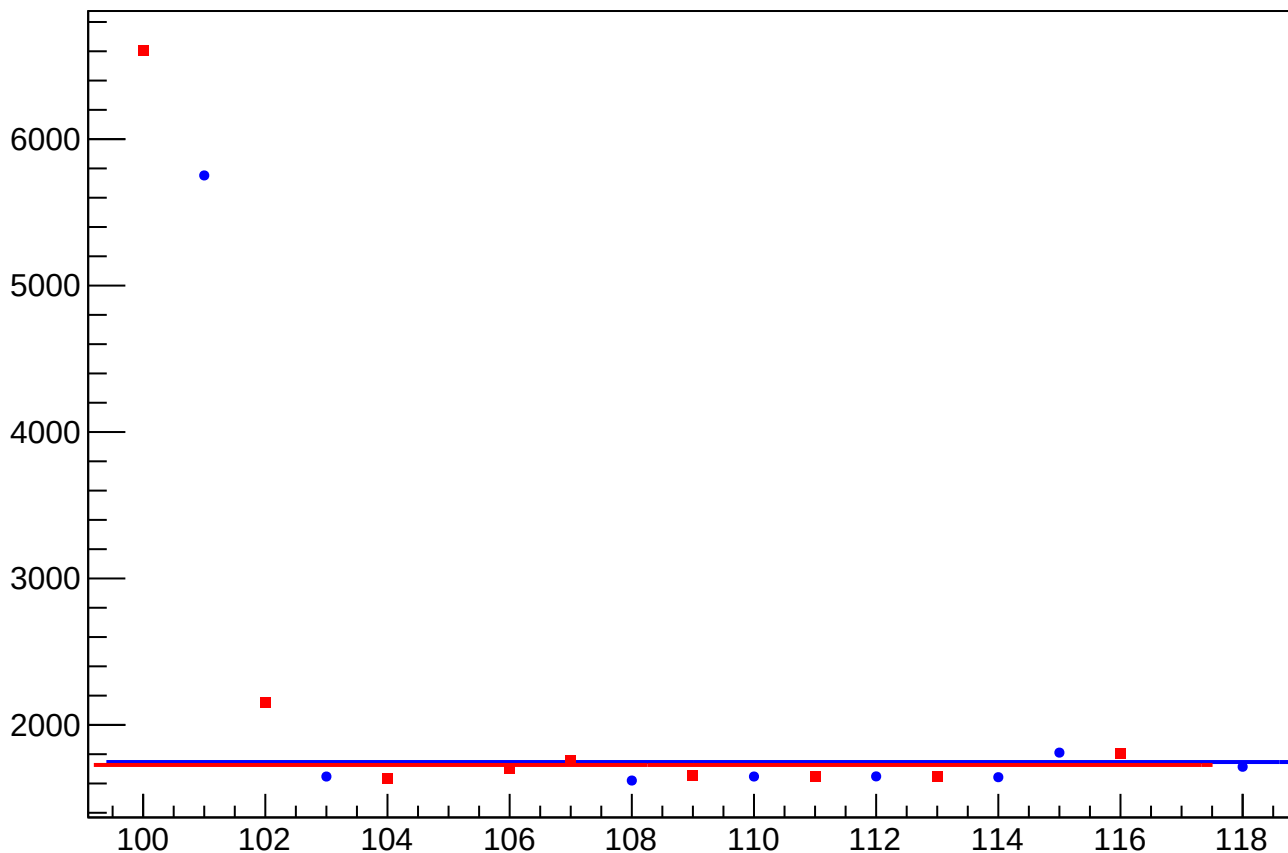
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -413.021+/-698.961 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1746.518 $\pm$ 0.716 χ^2 /NDF: 652449.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1726.591 $\pm$ 0.678 χ^2 /NDF: 127391.8/8

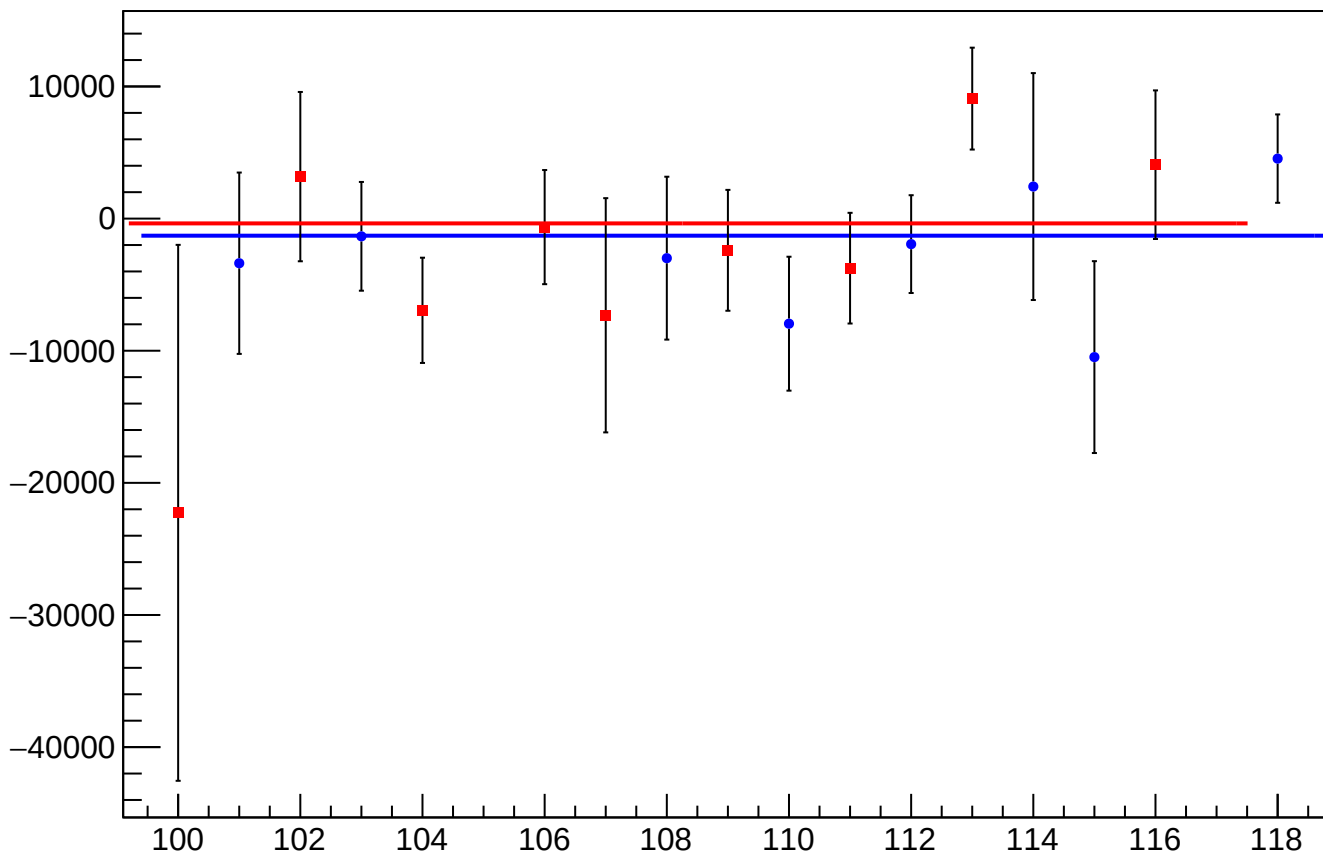
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1736.005 $\pm$ 0.492 χ^2 /NDF: 780249.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



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: -363.050+/-1667.000 χ^2/NDF : 12.3/8

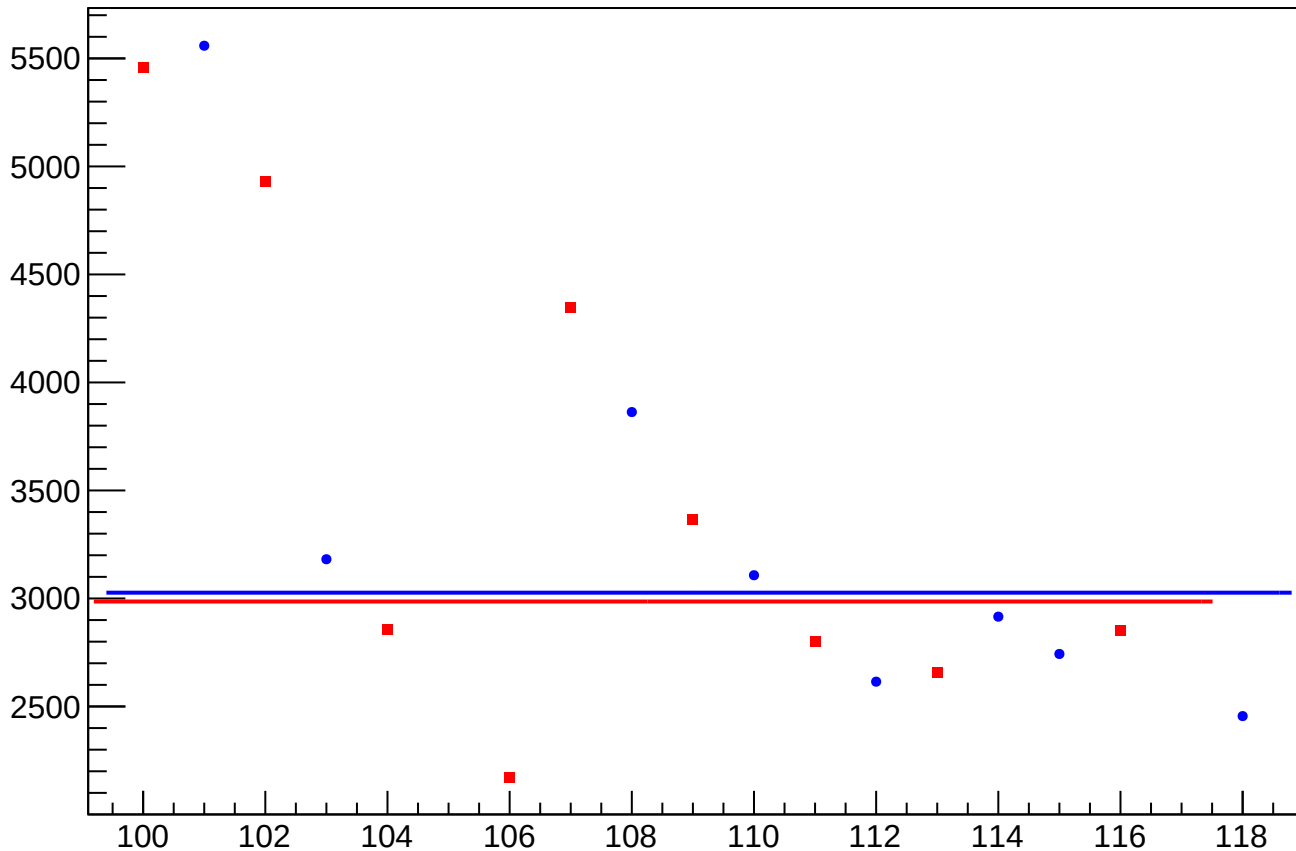
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.411+/-1194.935 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



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: 2985.891+/-1.179 χ^2/NDF : 367032.6/8

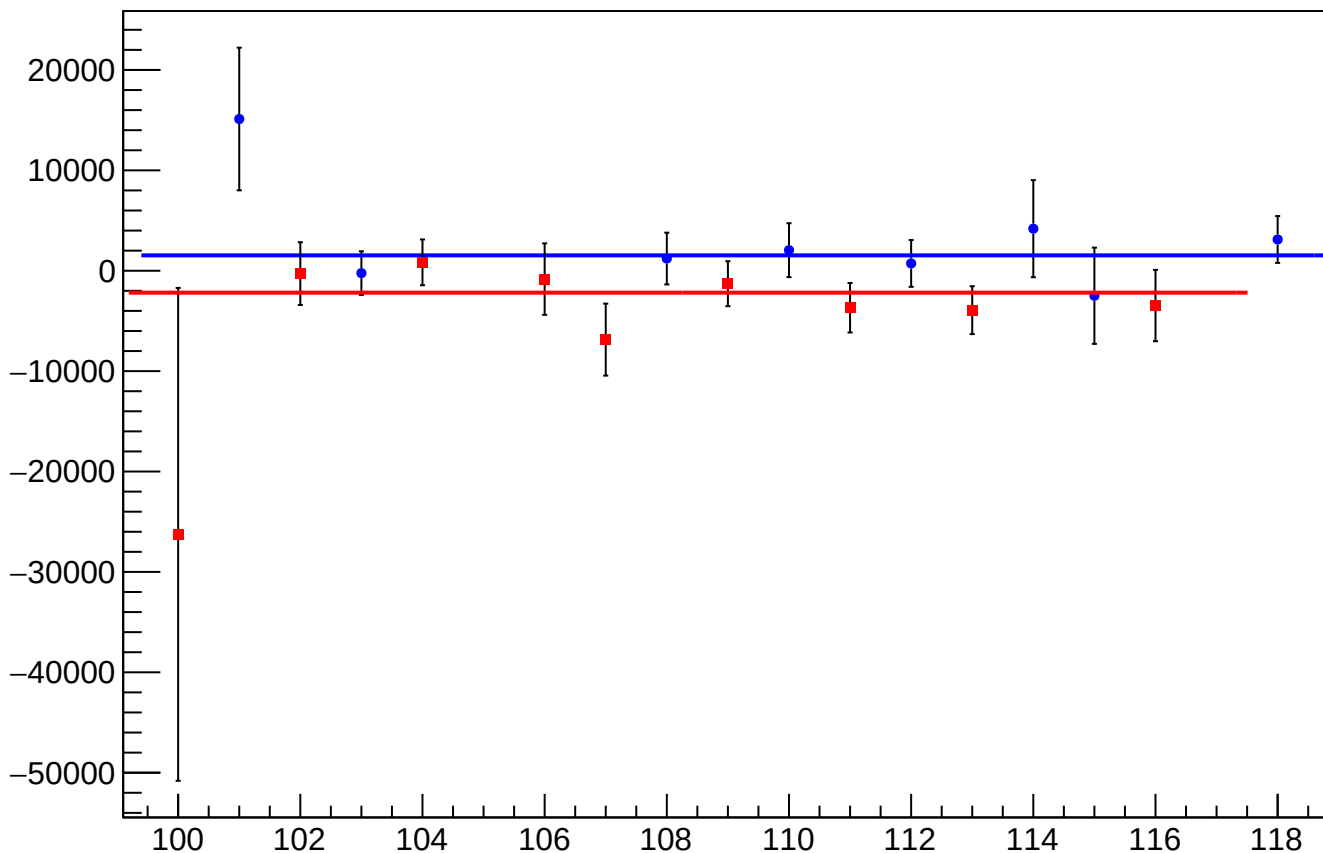
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3005.780+/-0.845 χ^2/NDF : 766574.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 1531.468 $\pm$ 1012.609 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2182.614 $\pm$ 965.997 χ^2 /NDF: 6.1/8

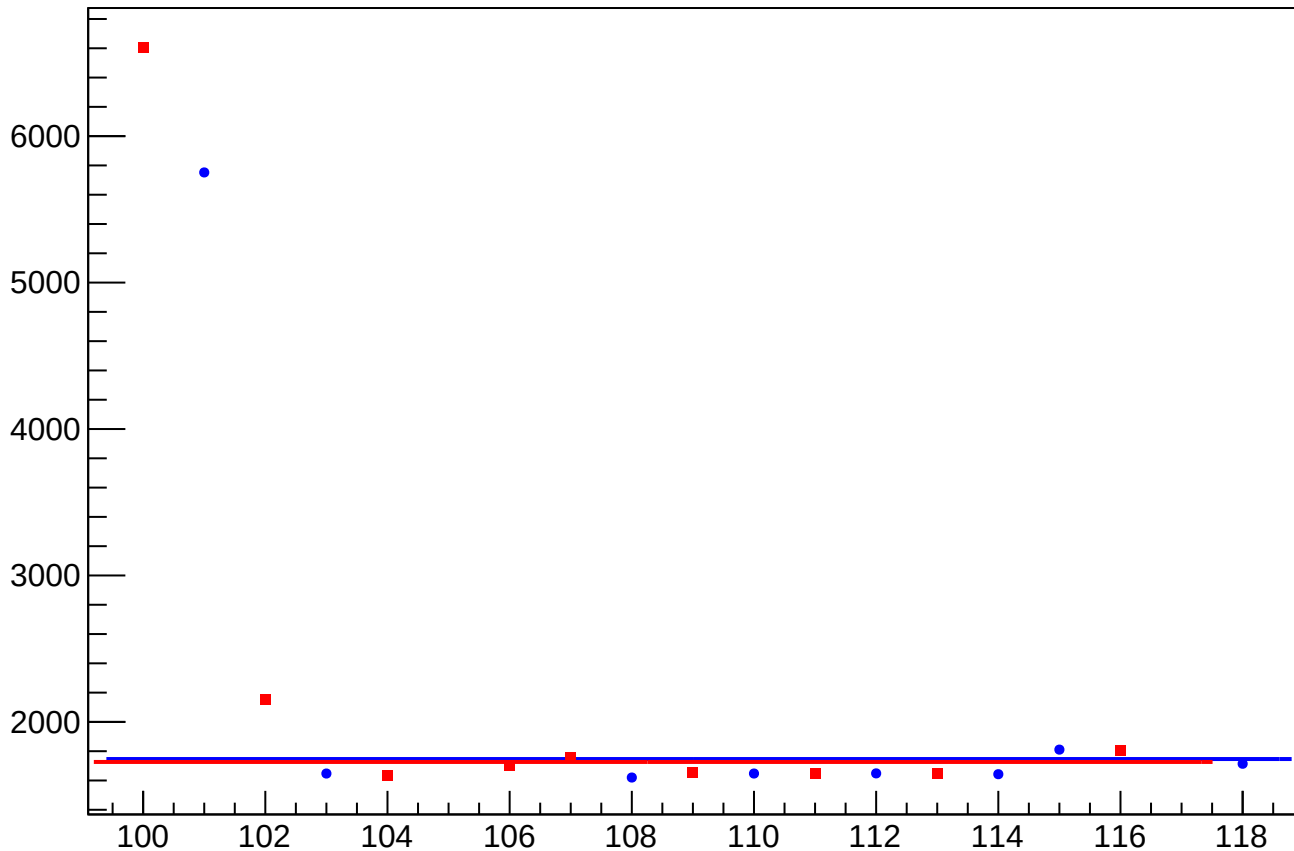
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -413.021 $\pm$ 698.961 χ^2 /NDF: 19.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



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: 1726.591+/-0.678 χ^2/NDF : 127391.8/8

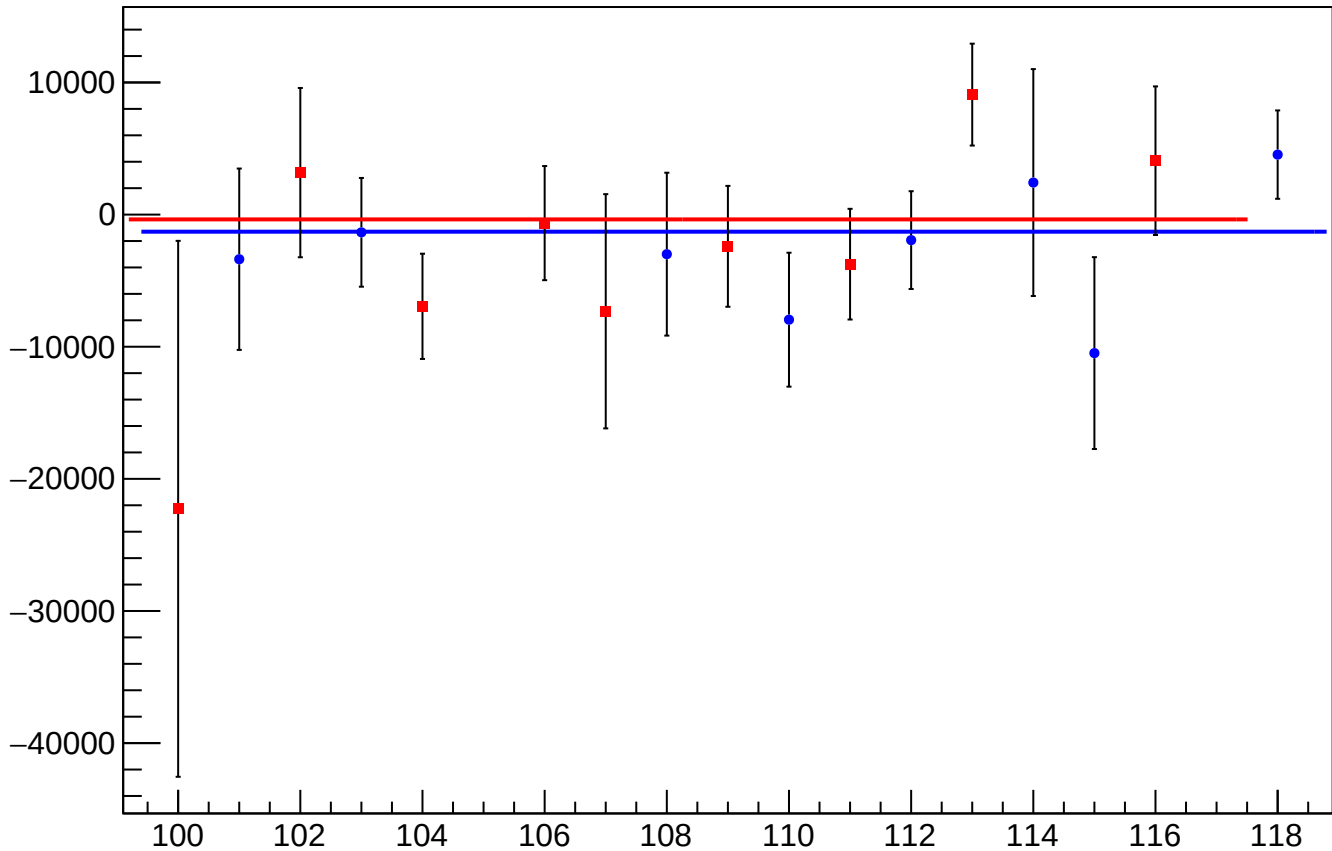
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.005+/-0.492 χ^2/NDF : 780249.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: -1293.505 $\pm$ 1713.757 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -363.050 $\pm$ 1667.000 χ^2 /NDF: 12.3/8

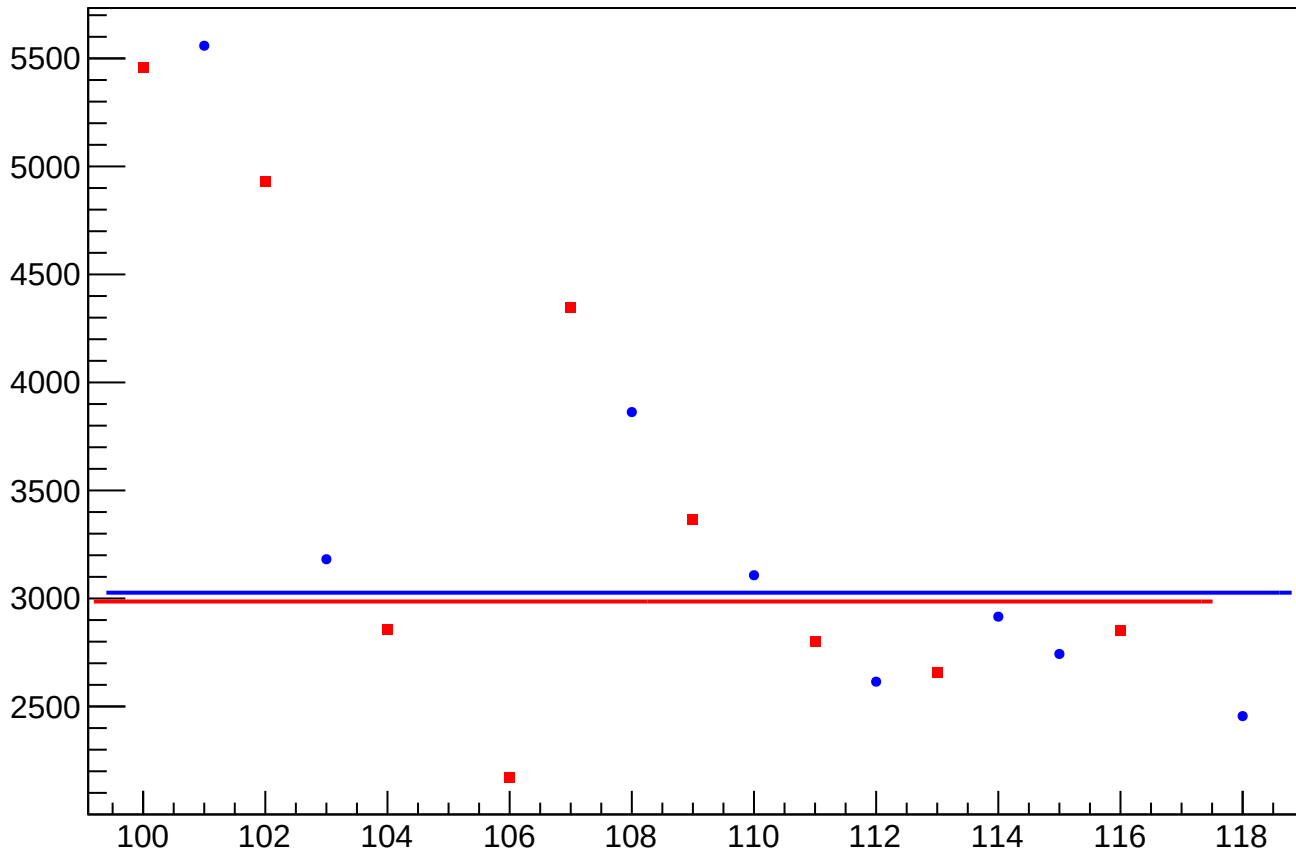
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -815.411 $\pm$ 1194.935 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



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: 2985.891+/-1.179 χ^2/NDF : 367032.6/8

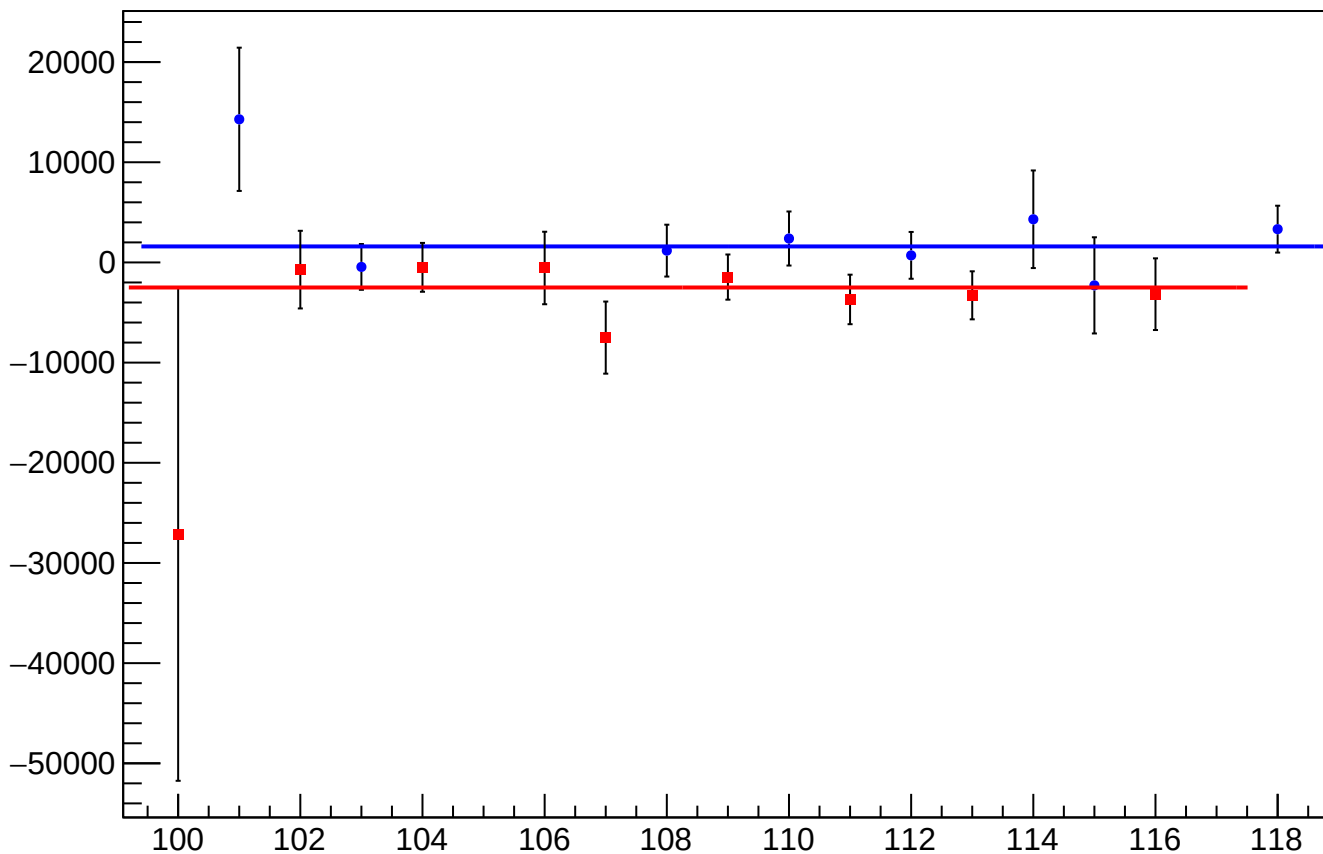
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3005.780+/-0.845 χ^2/NDF : 766574.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_mean vs Slug



Right In: 1597.211 $\pm$ 1026.404 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2501.716 $\pm$ 998.764 χ^2 /NDF: 4.7/8

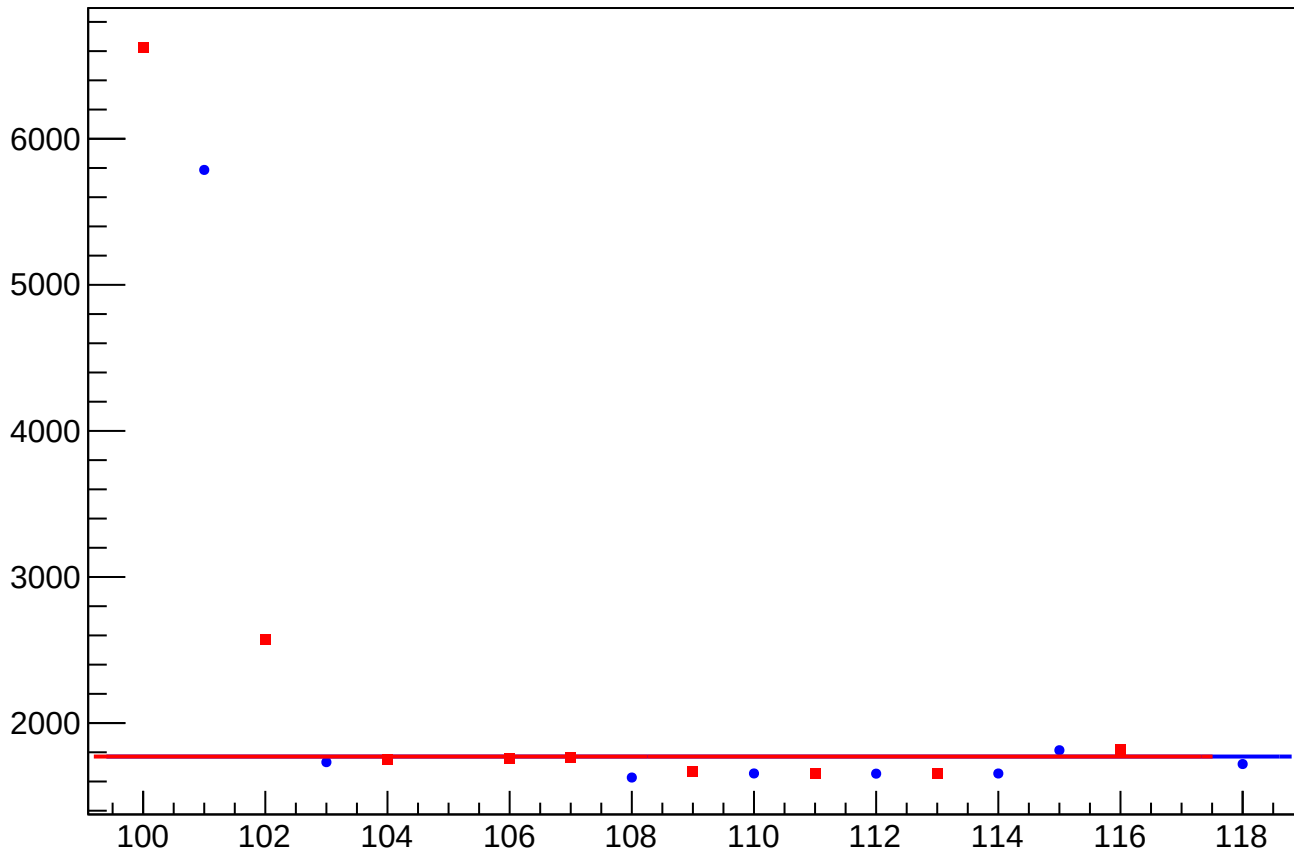
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -508.185 $\pm$ 715.805 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



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: 1770.788+/-0.702 χ^2/NDF : 177817.0/8

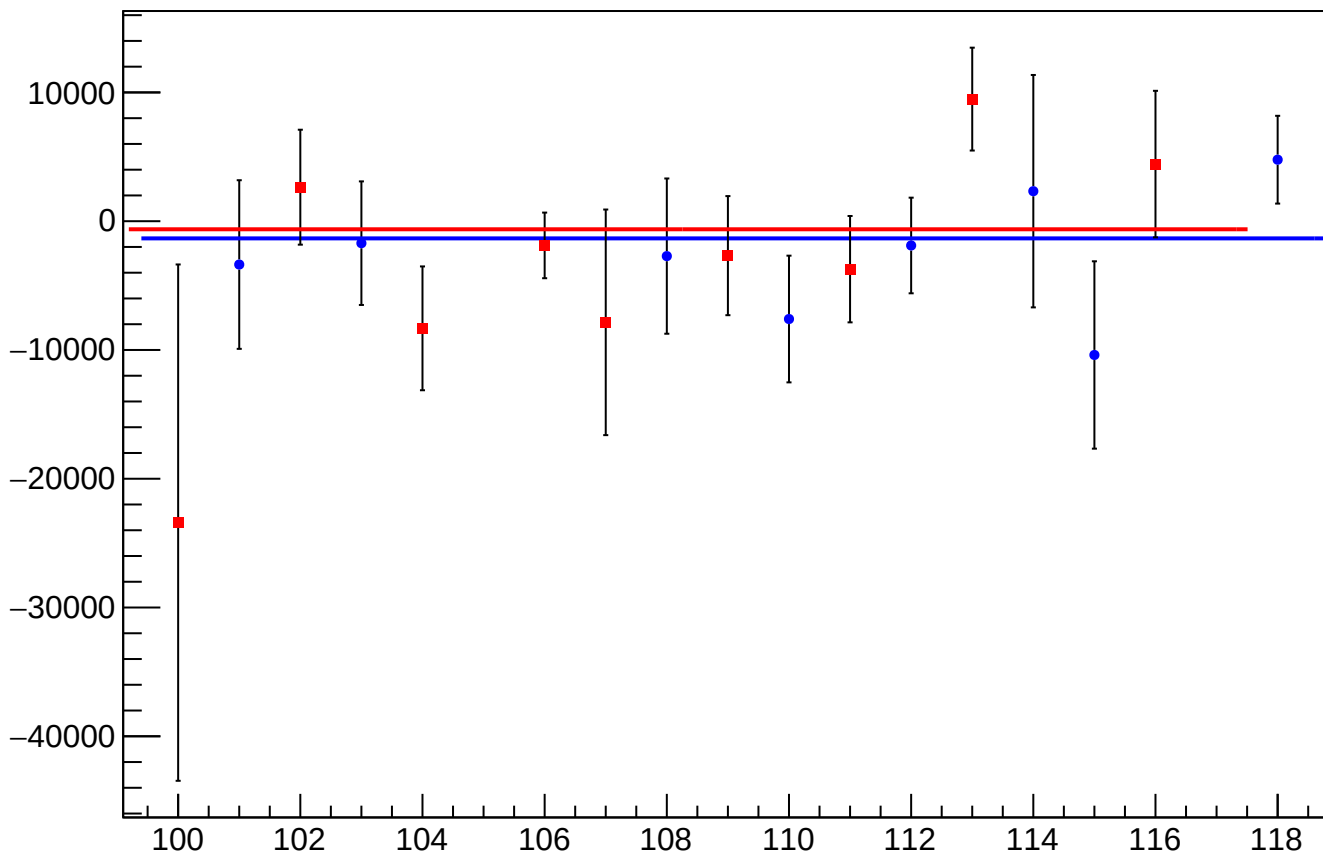
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1770.807+/-0.505 χ^2/NDF : 826454.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



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: -627.250+/-1471.324 χ^2/NDF : 13.3/8

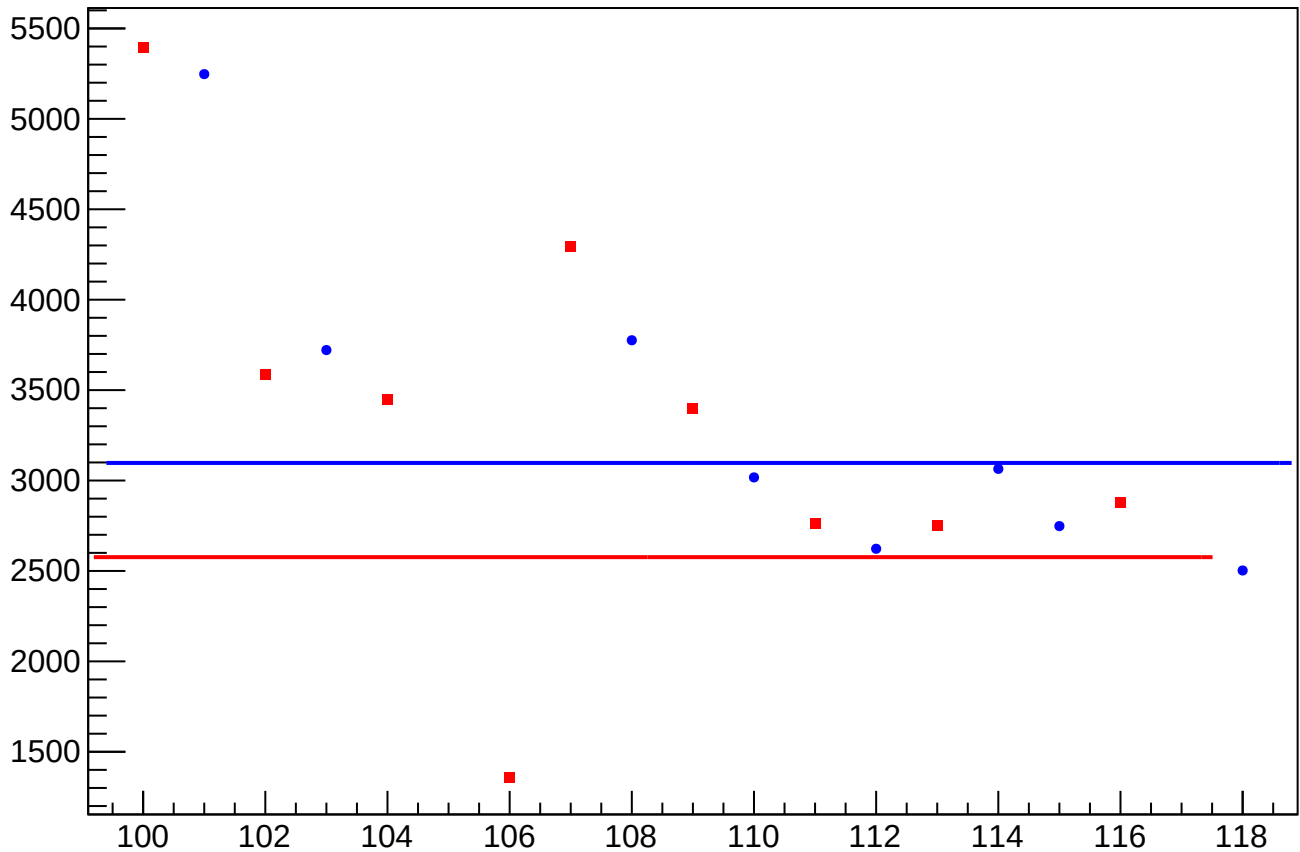
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -919.701+/-1127.025 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



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: 2576.334+/-1.040 χ^2/NDF : 819446.4/8

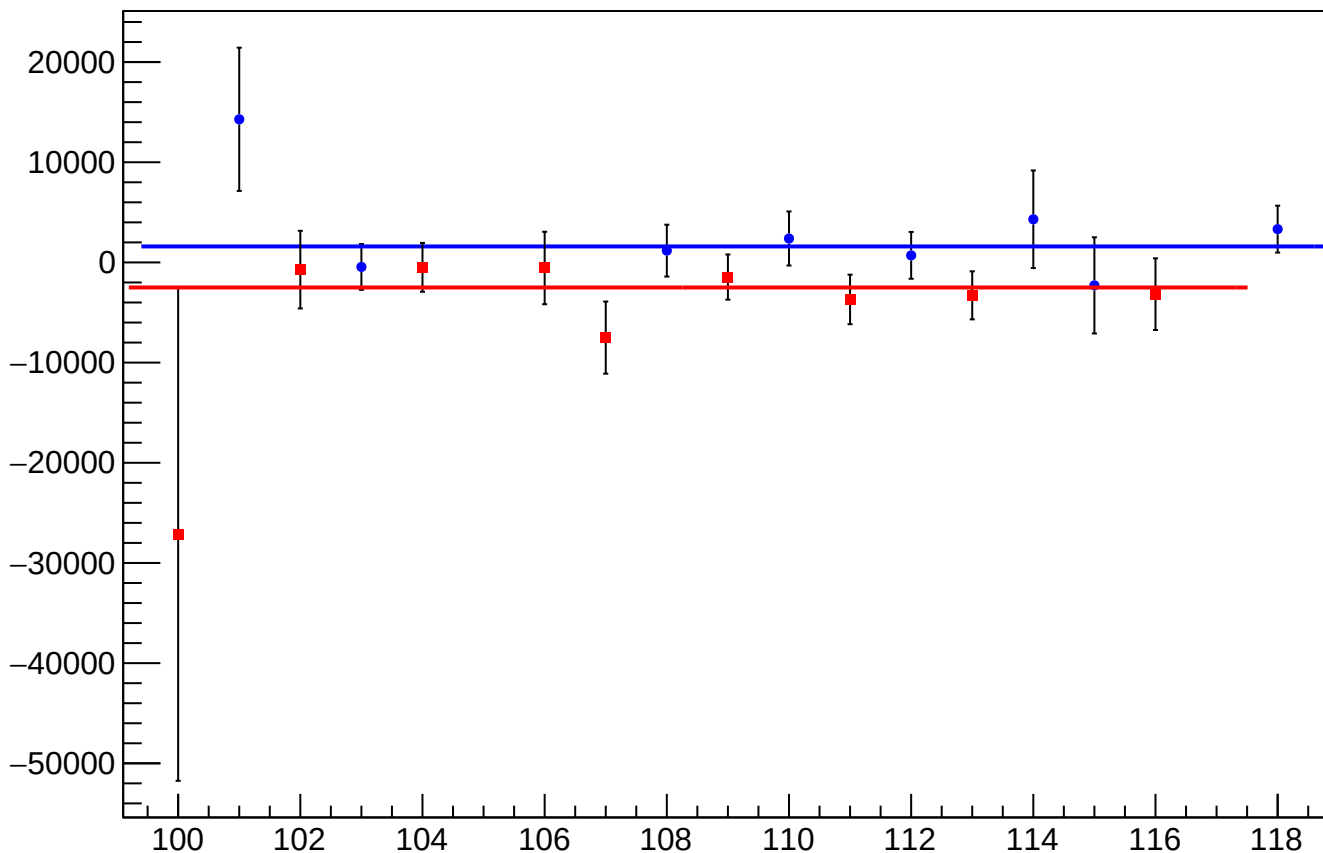
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.636+/-0.797 χ^2/NDF : 1296640.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 1597.221 $\pm$ 1026.404 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2501.722 $\pm$ 998.764 χ^2 /NDF: 4.7/8

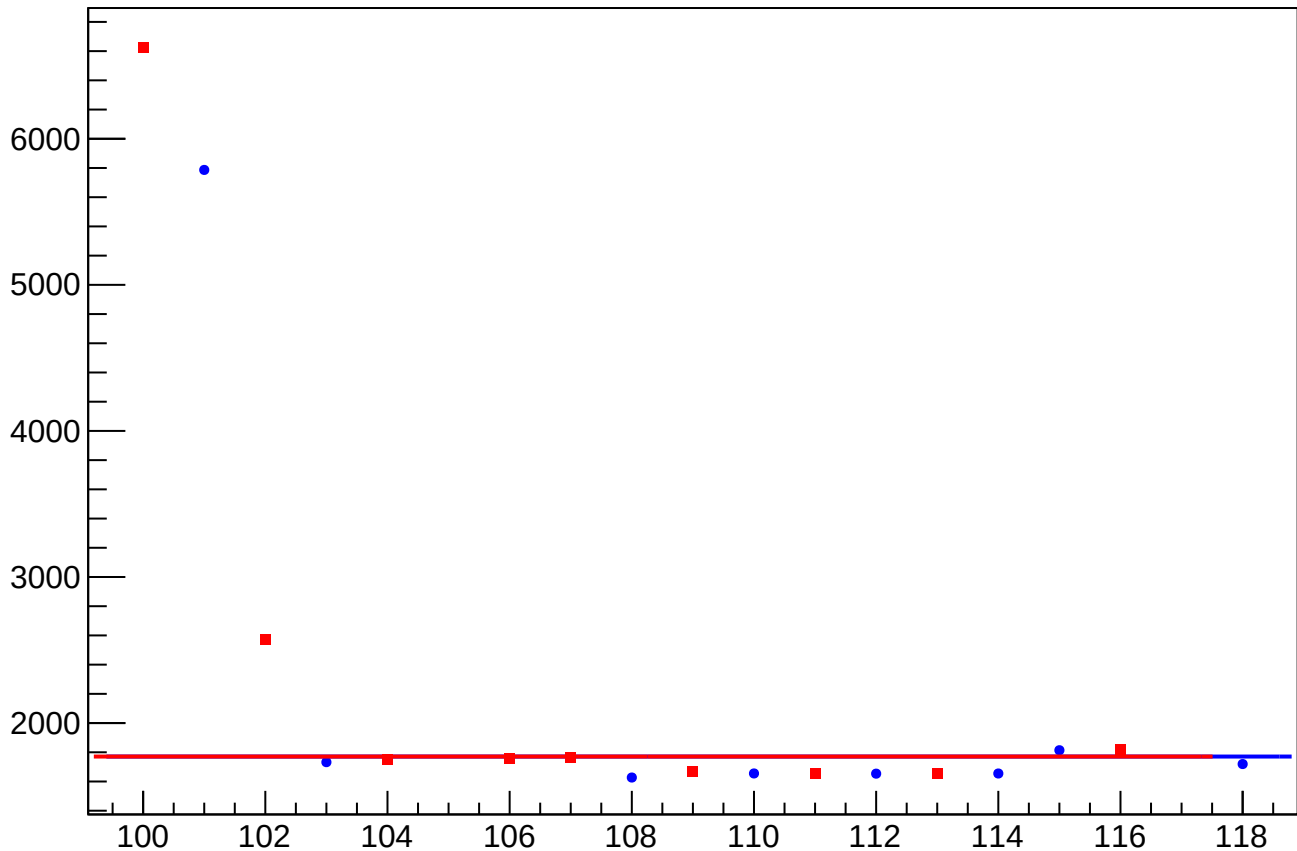
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -508.184 $\pm$ 715.805 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



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: 1770.788+/-0.702 χ^2/NDF : 177816.9/8

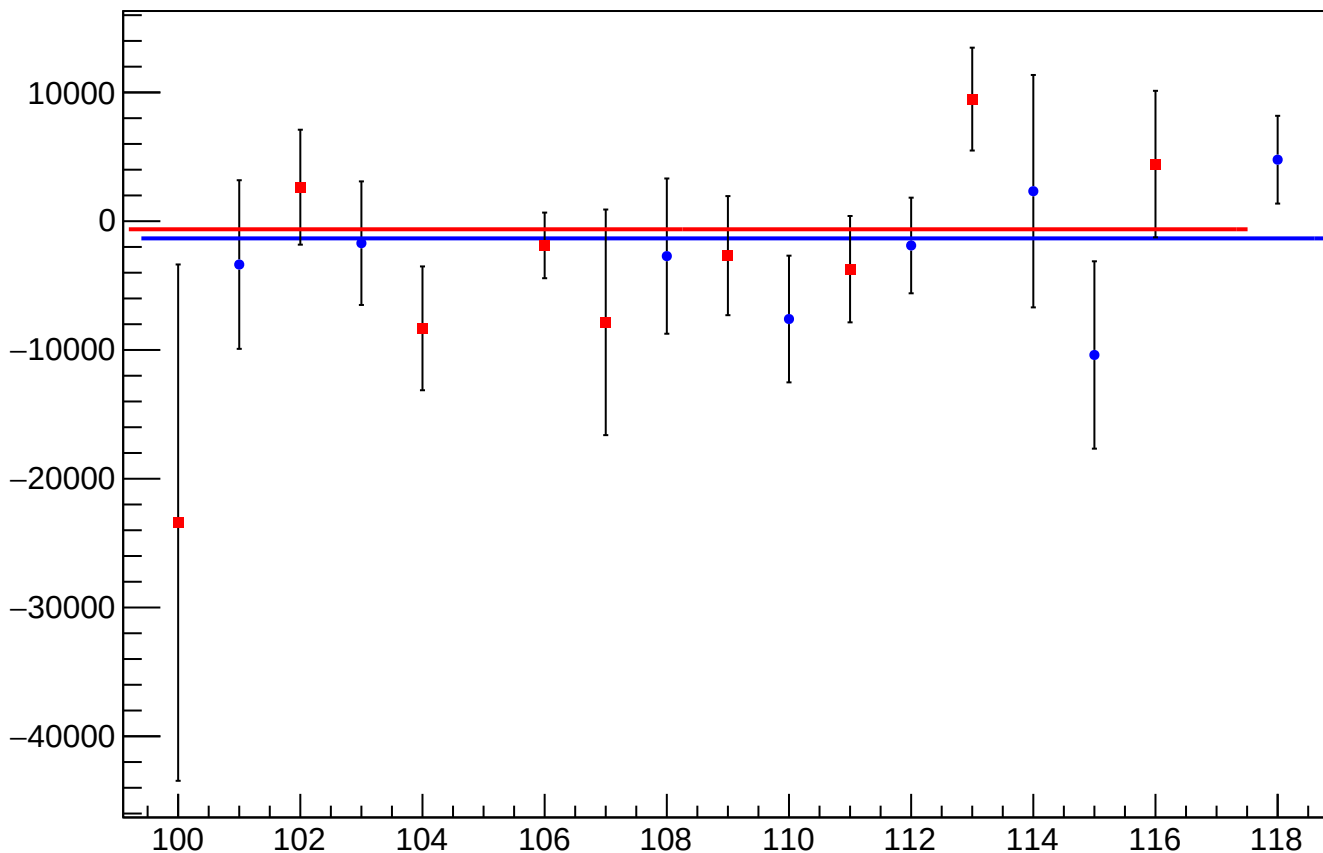
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1770.807+/-0.505 χ^2/NDF : 826454.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



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: -627.249 $\pm$ 1471.317 χ^2 /NDF: 13.3/8

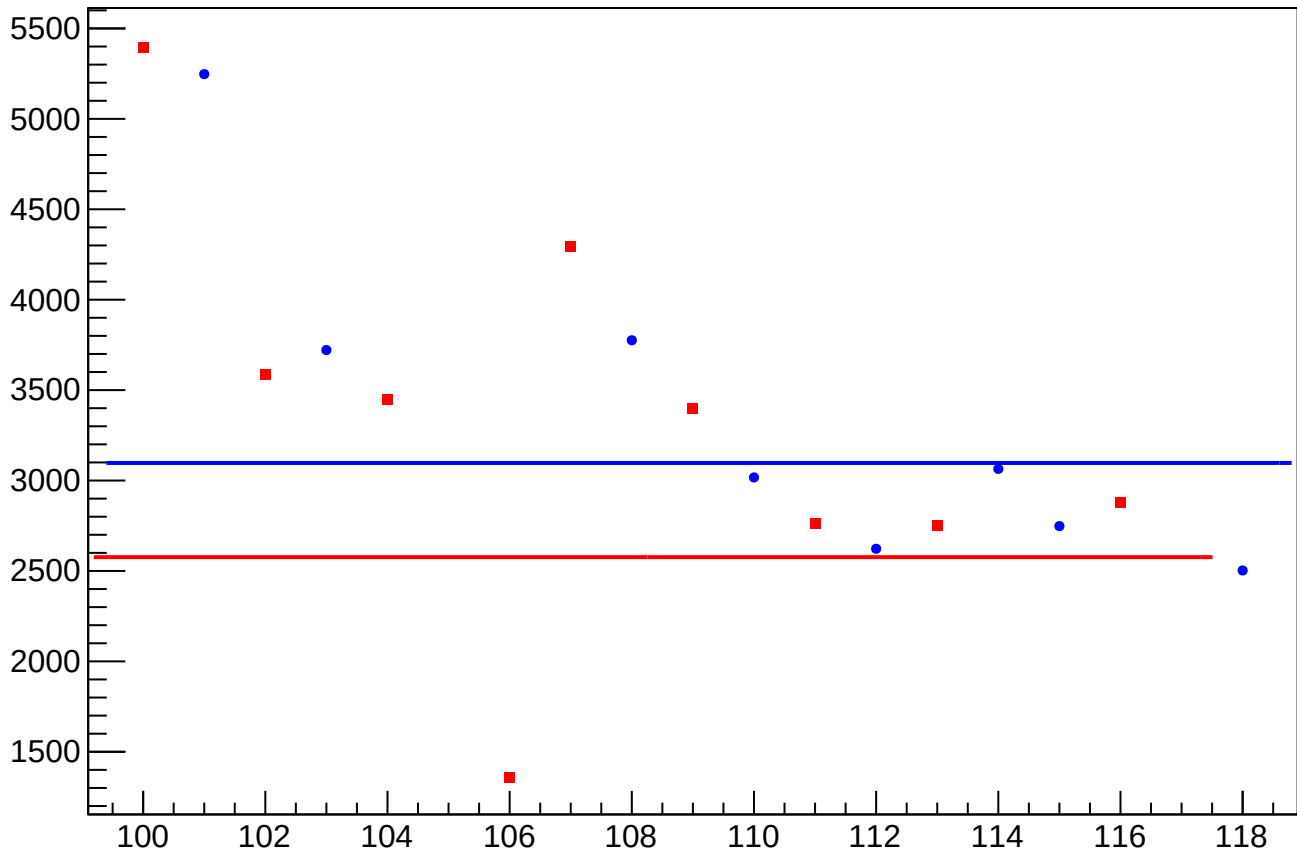
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -919.695 $\pm$ 1127.020 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



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: 2576.319+/-1.040 χ^2/NDF : 819459.4/8

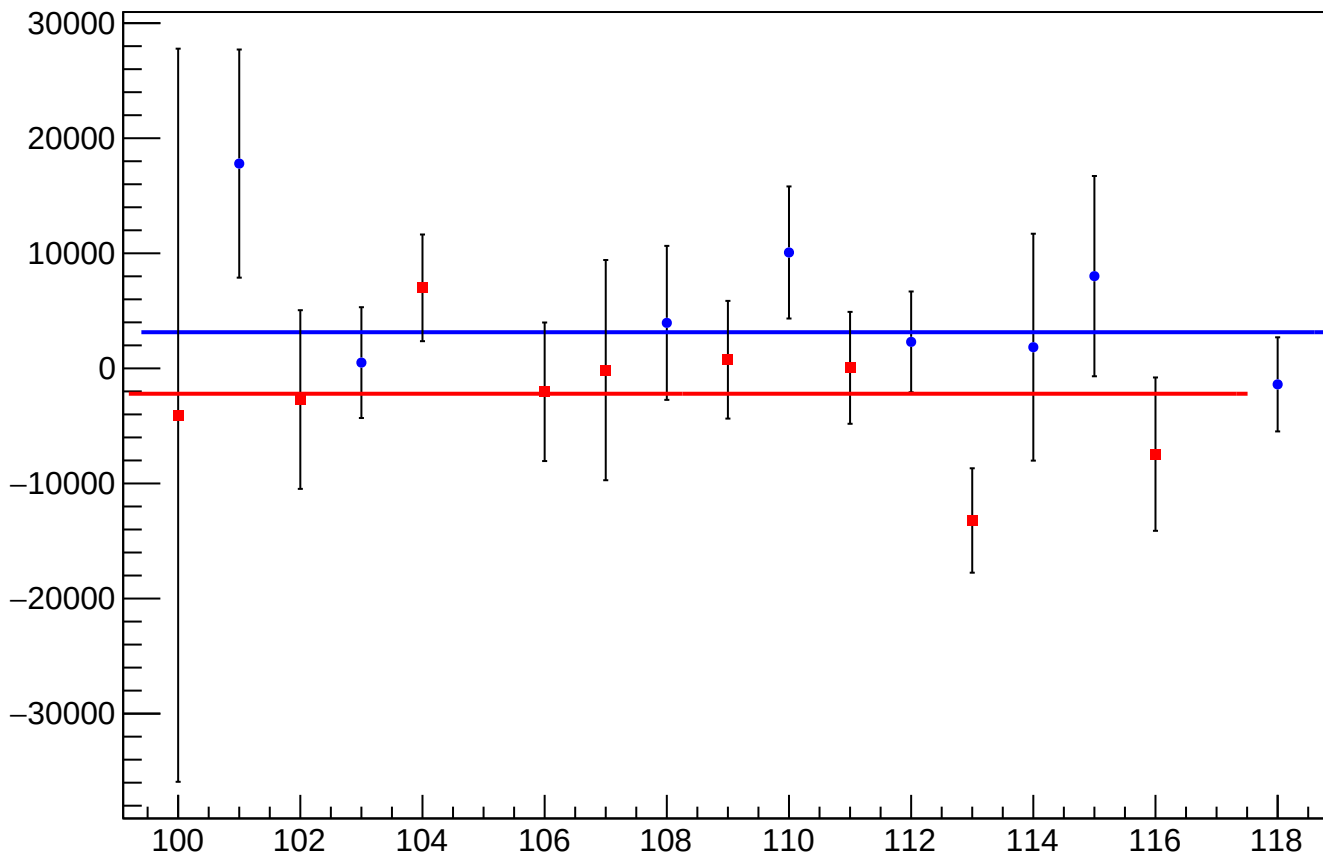
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2791.622+/-0.797 χ^2/NDF : 1296658.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_mean vs Slug



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: -2203.116 $\pm$ 1983.096 χ^2 /NDF: 11.1/8

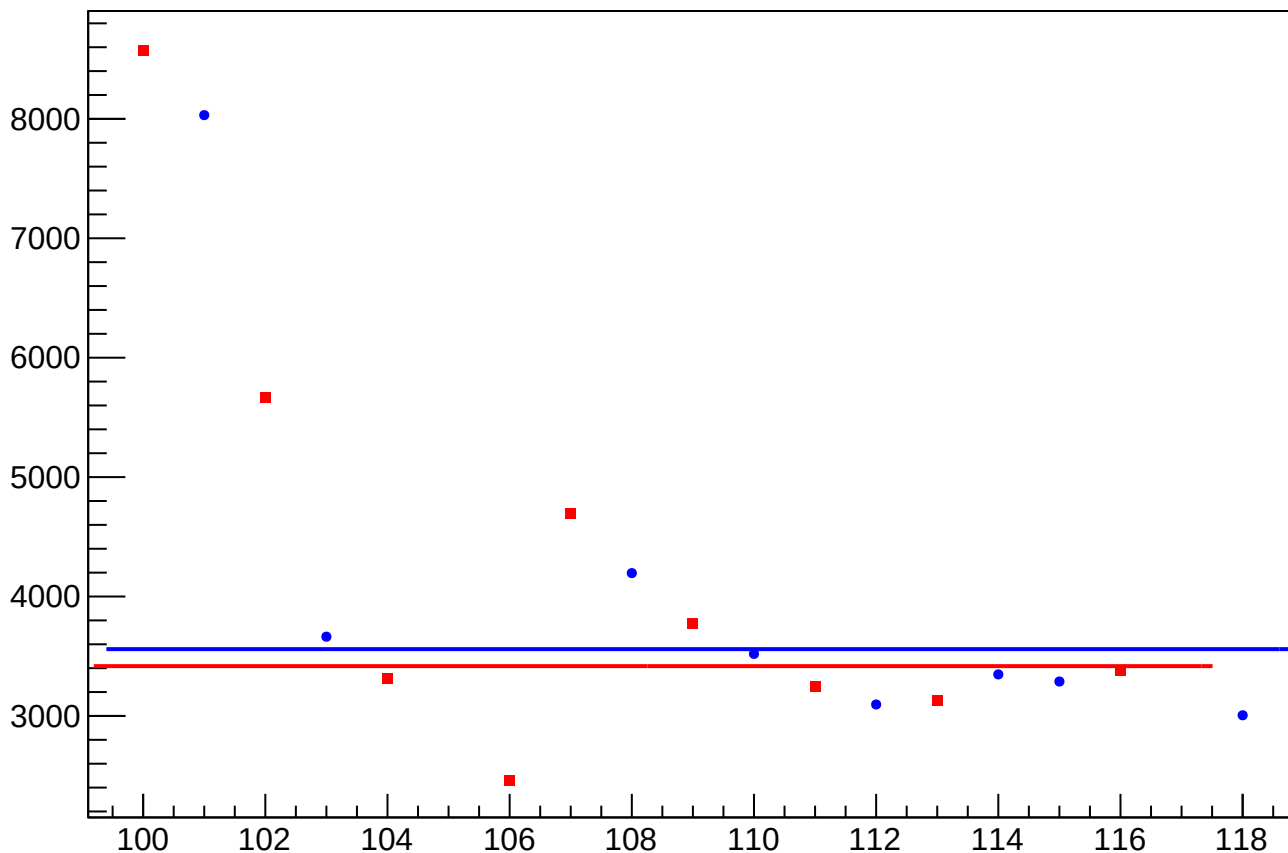
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 400.937 $\pm$ 1420.250 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_rms vs Slug



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: 3416.999+/-1.356 χ^2/NDF : 359032.7/8

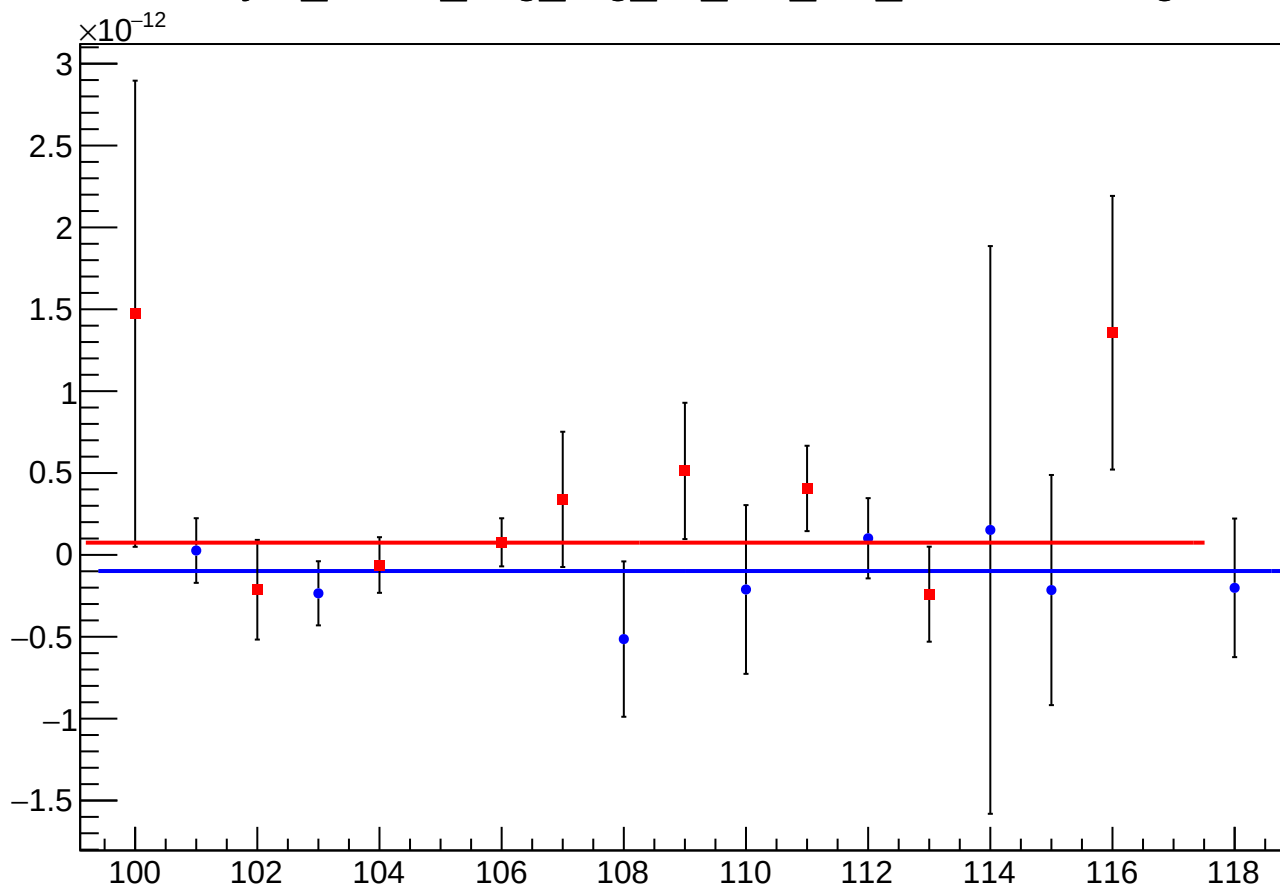
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3483.957+/-0.987 χ^2/NDF : 852397.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



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 : 9.2/8

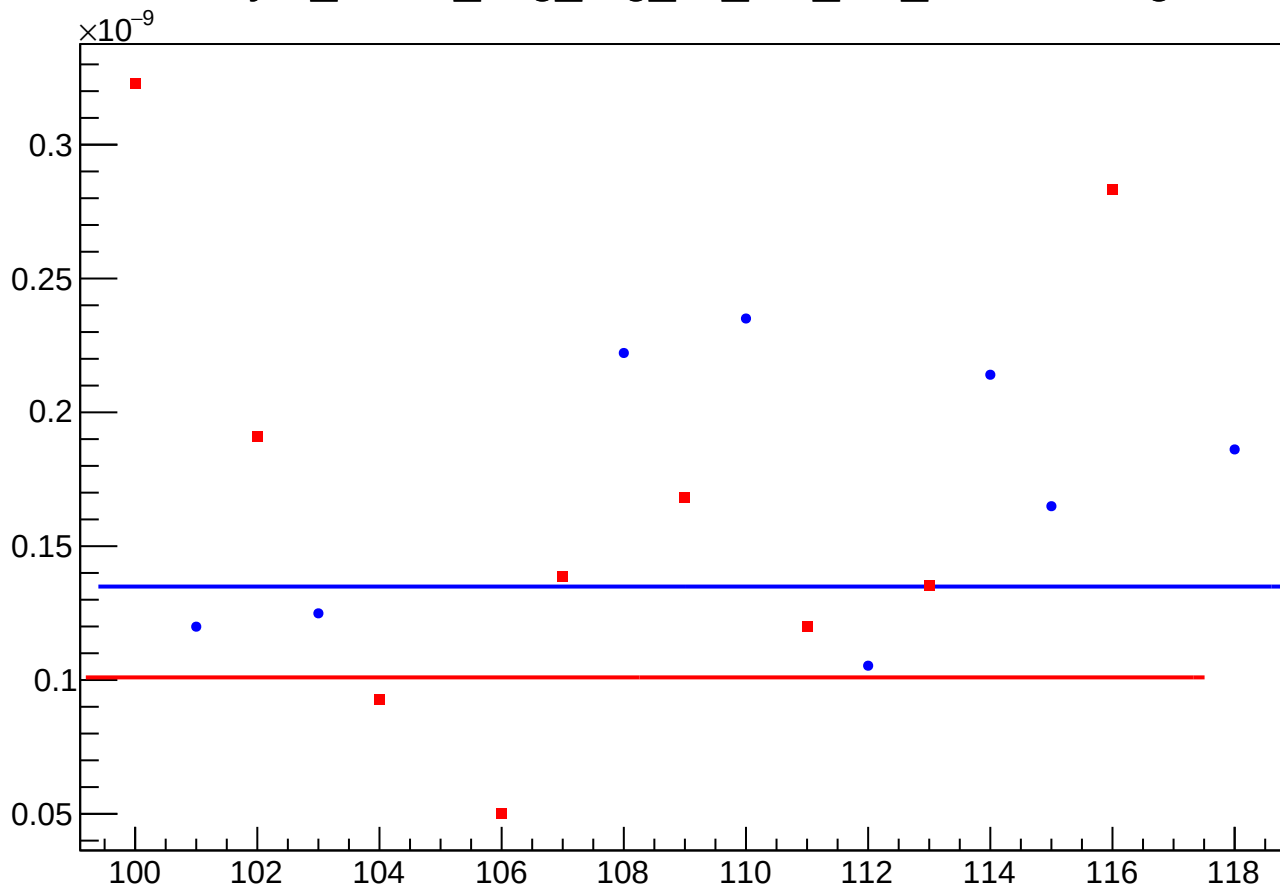
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug



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 : 670508.6/8

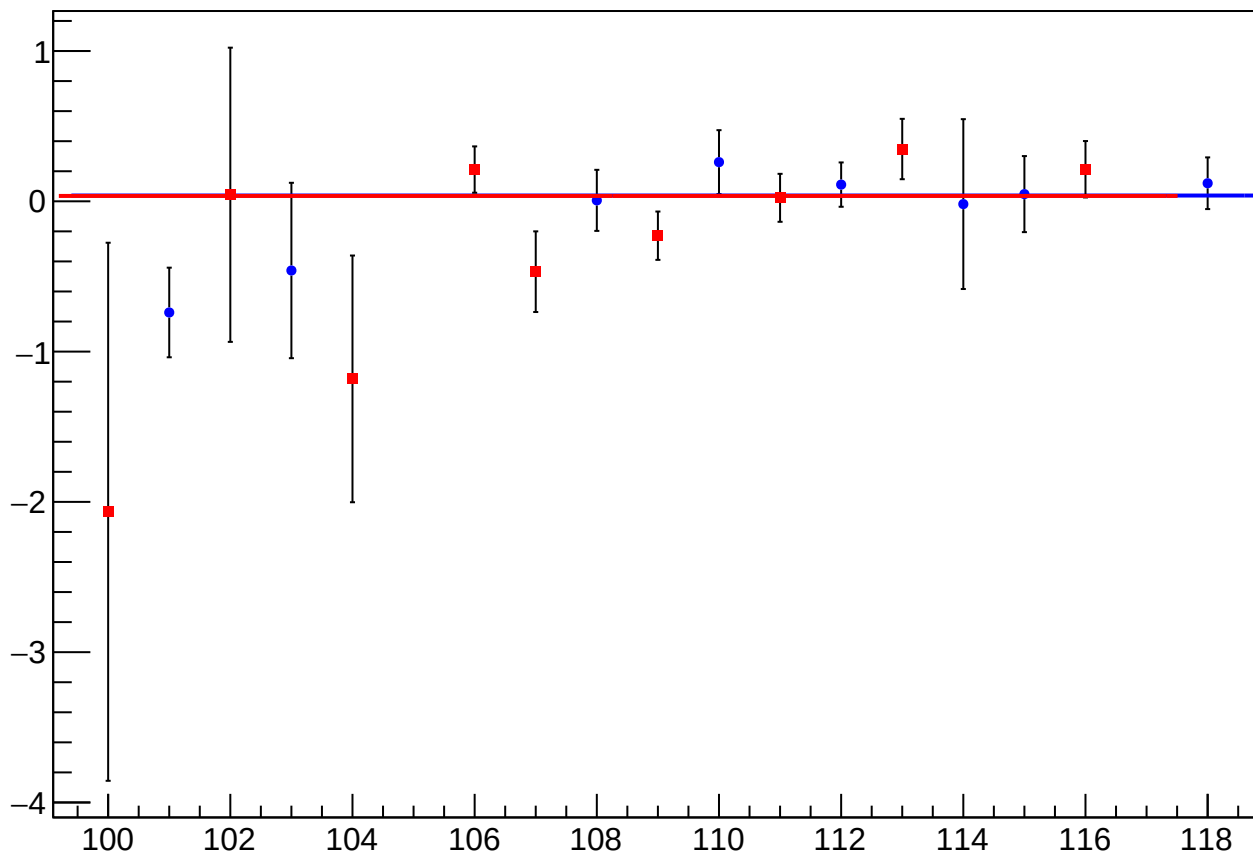
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1015382.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



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: 0.036 $\pm$ 0.073 χ^2 /NDF: 14.4/8

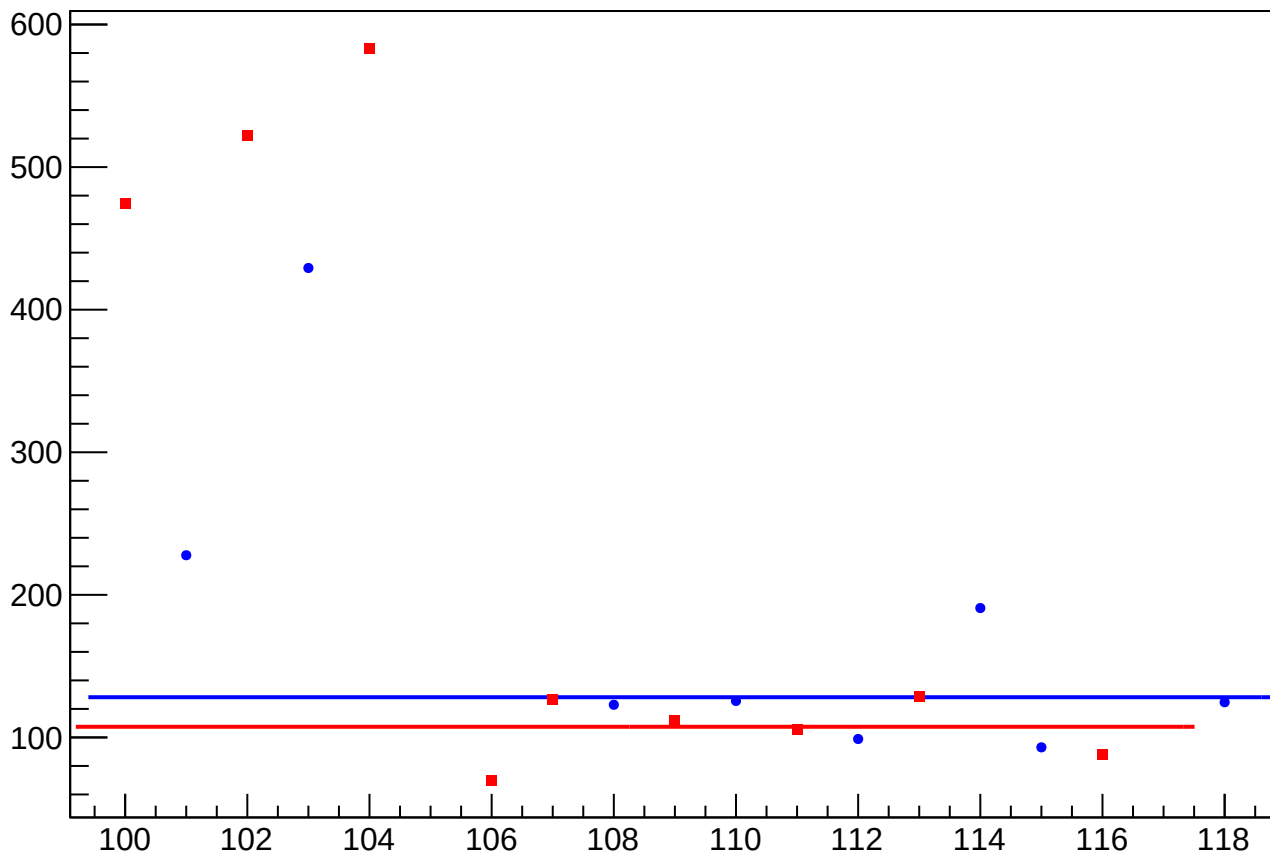
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.054 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



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: 107.474+/-0.051 χ^2/NDF : 1290679.5/8

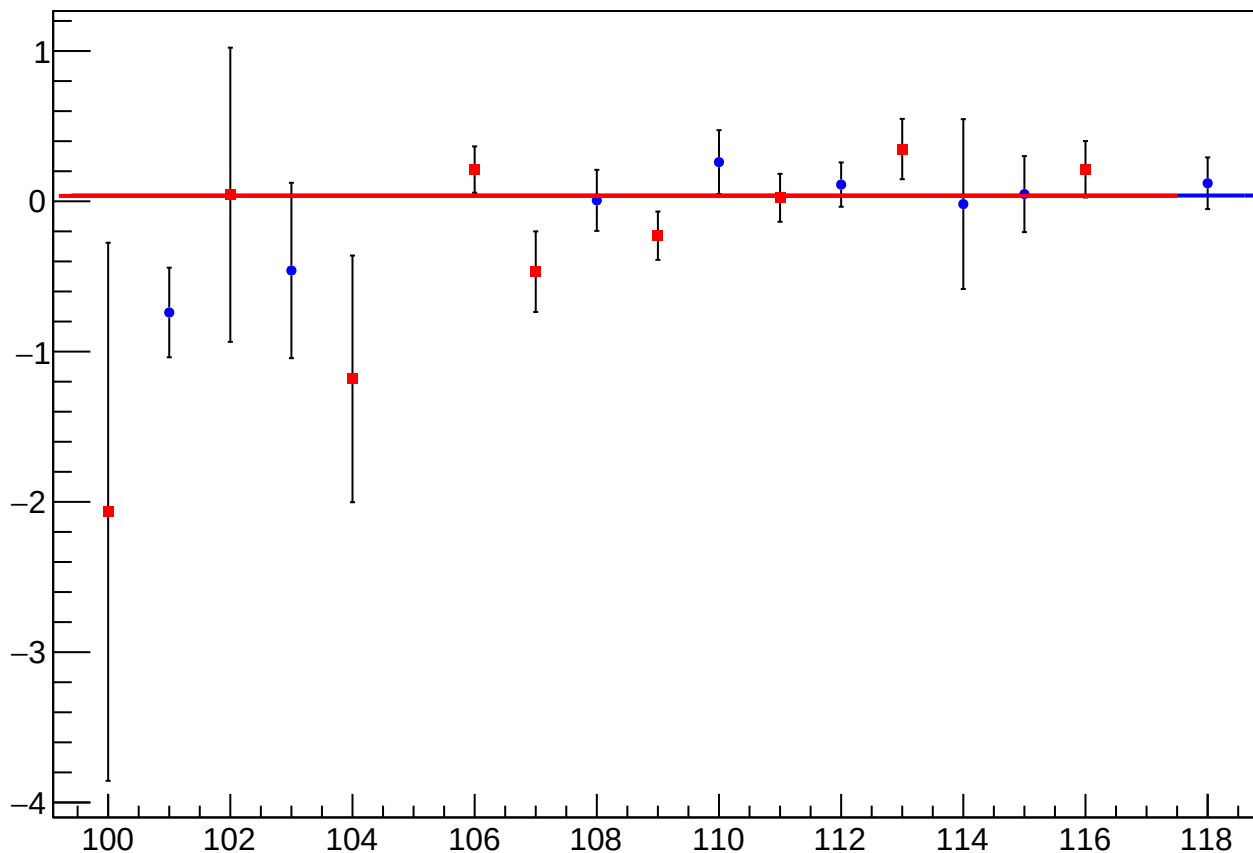
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.921+/-0.038 χ^2/NDF : 2265004.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.036 $\pm$ 0.073 χ^2 /NDF: 14.4/8

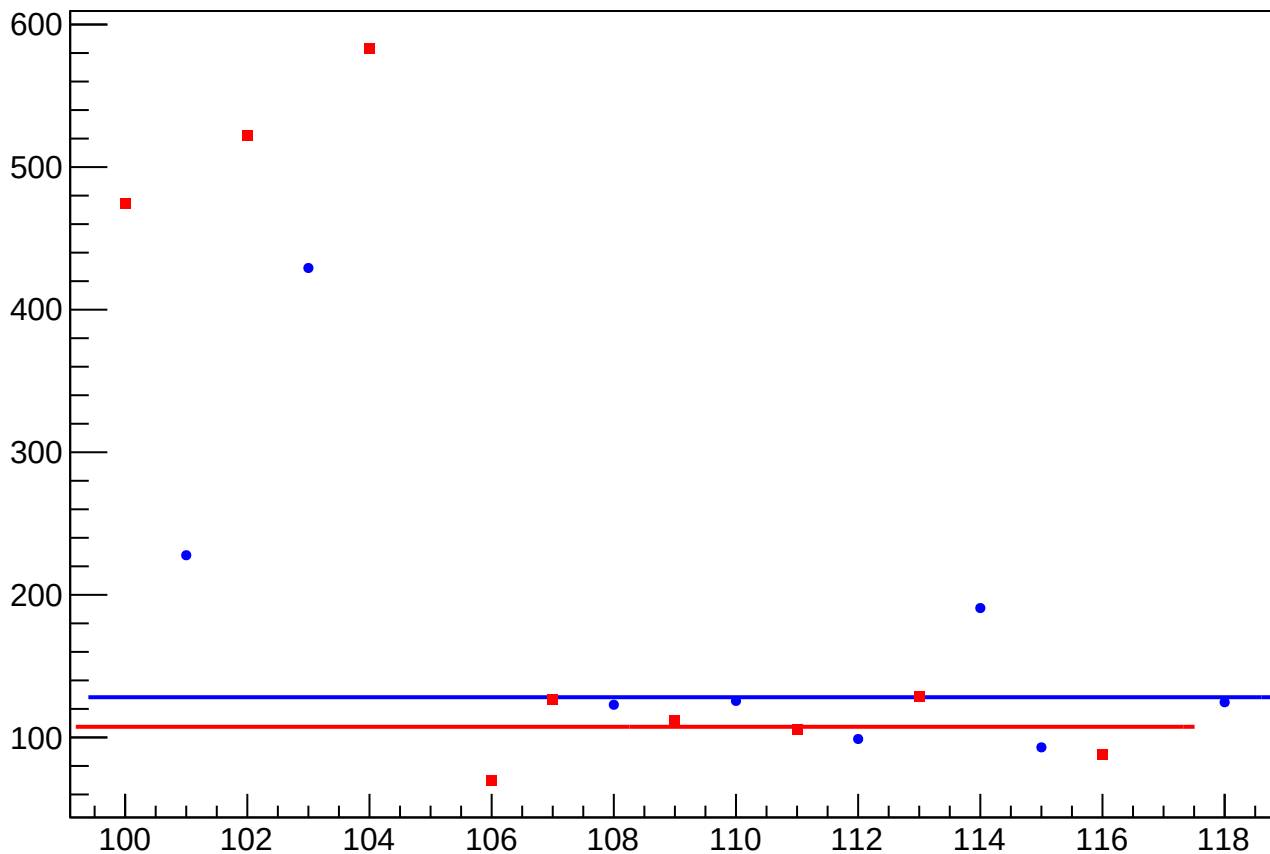
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.054 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 107.474+/-0.051 χ^2/NDF : 1290679.5/8

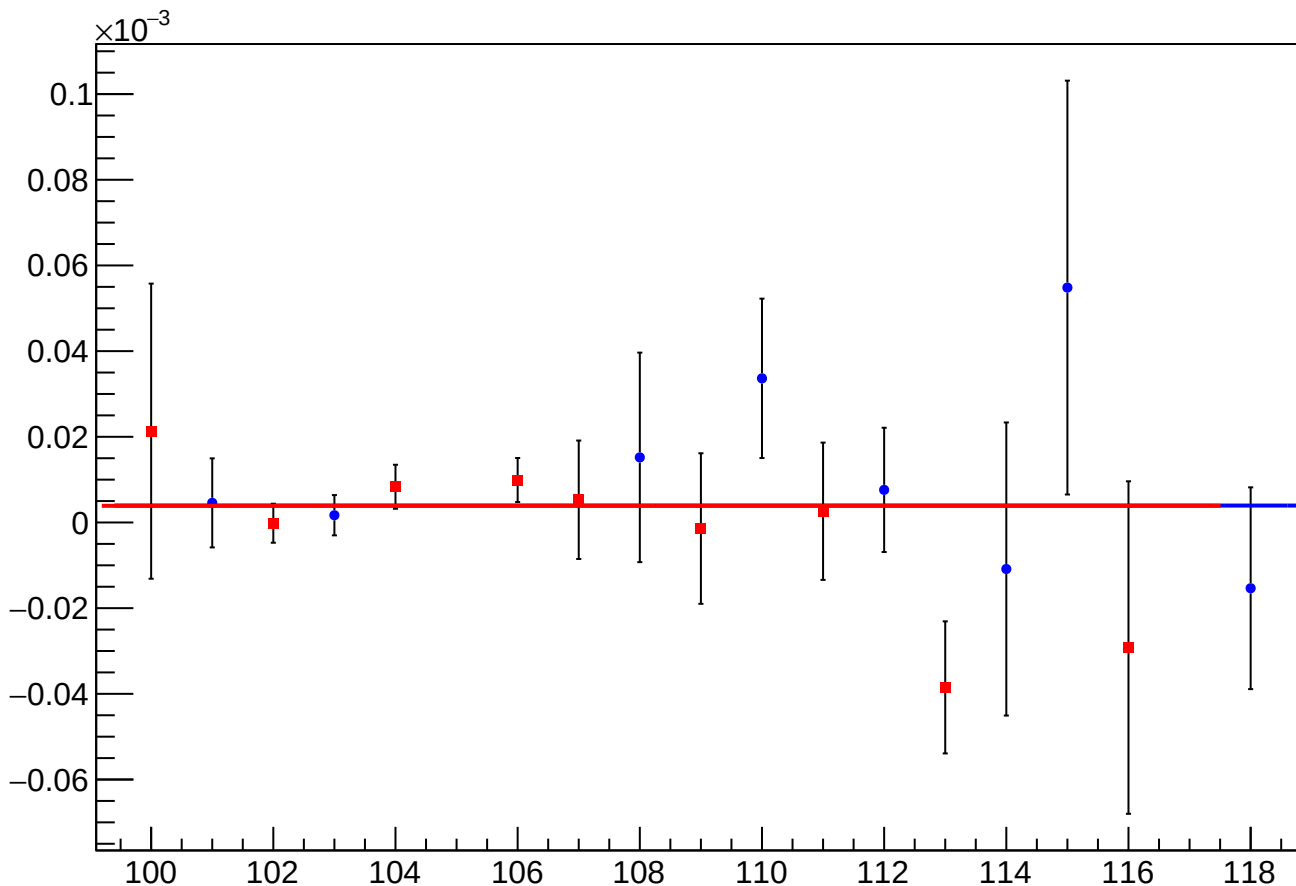
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.921+/-0.038 χ^2/NDF : 2265004.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 11.6/8

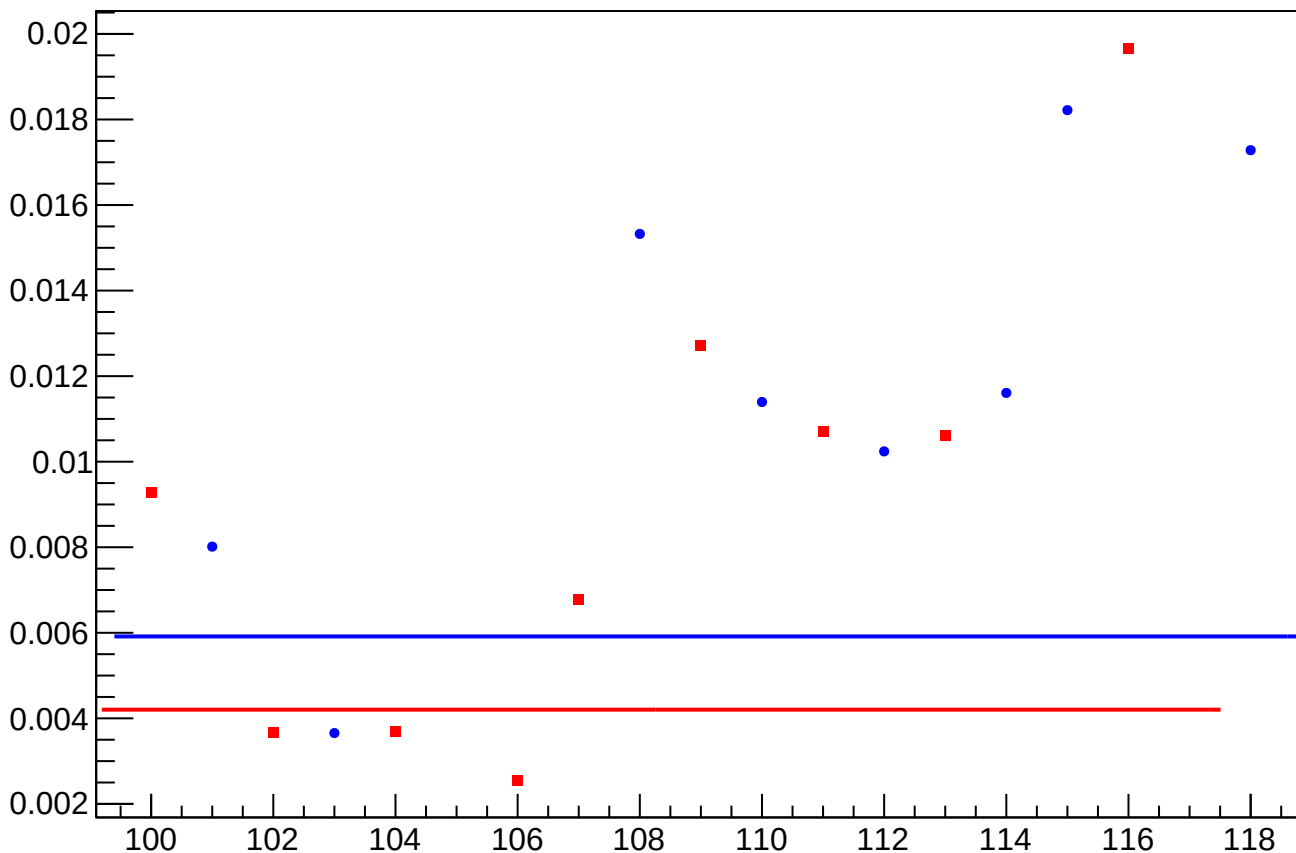
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1829061.8/8

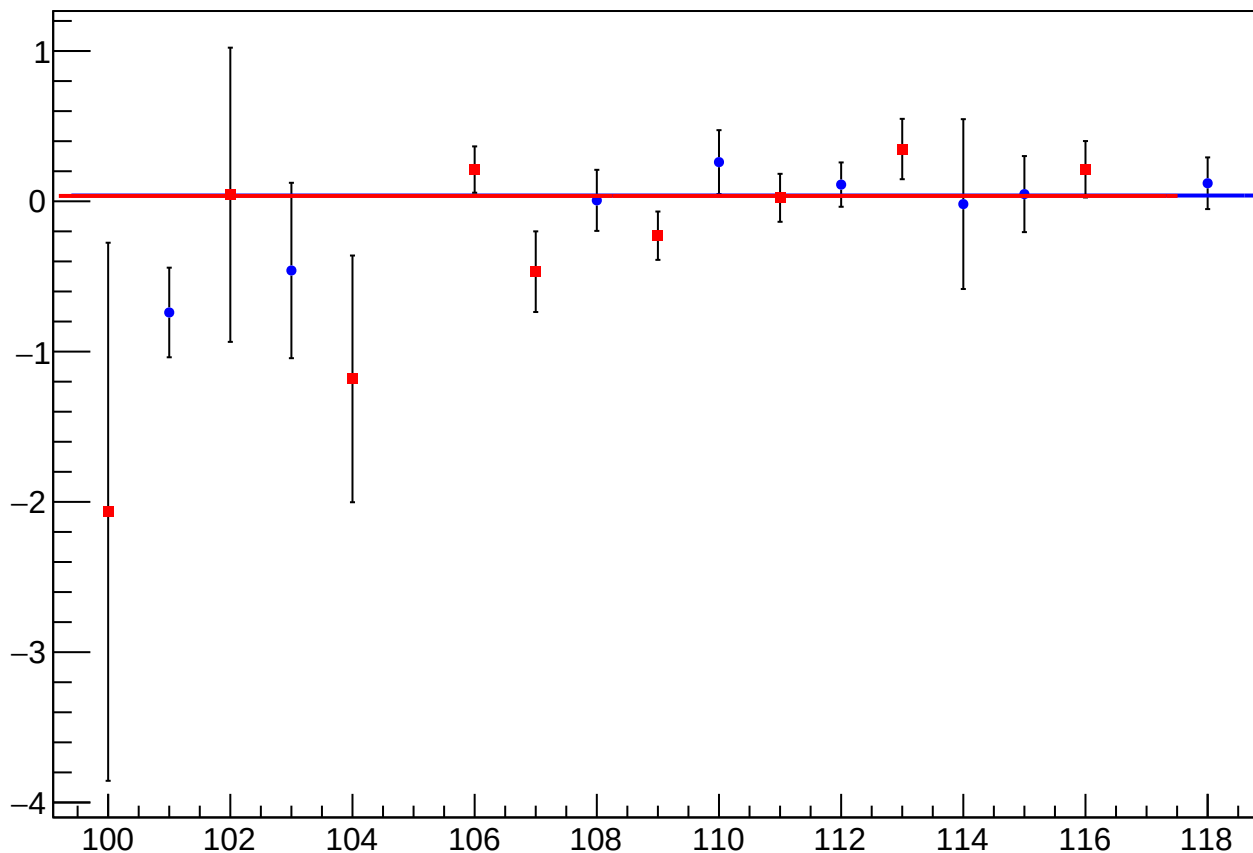
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3937900.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.036 $\pm$ 0.073 χ^2 /NDF: 14.4/8

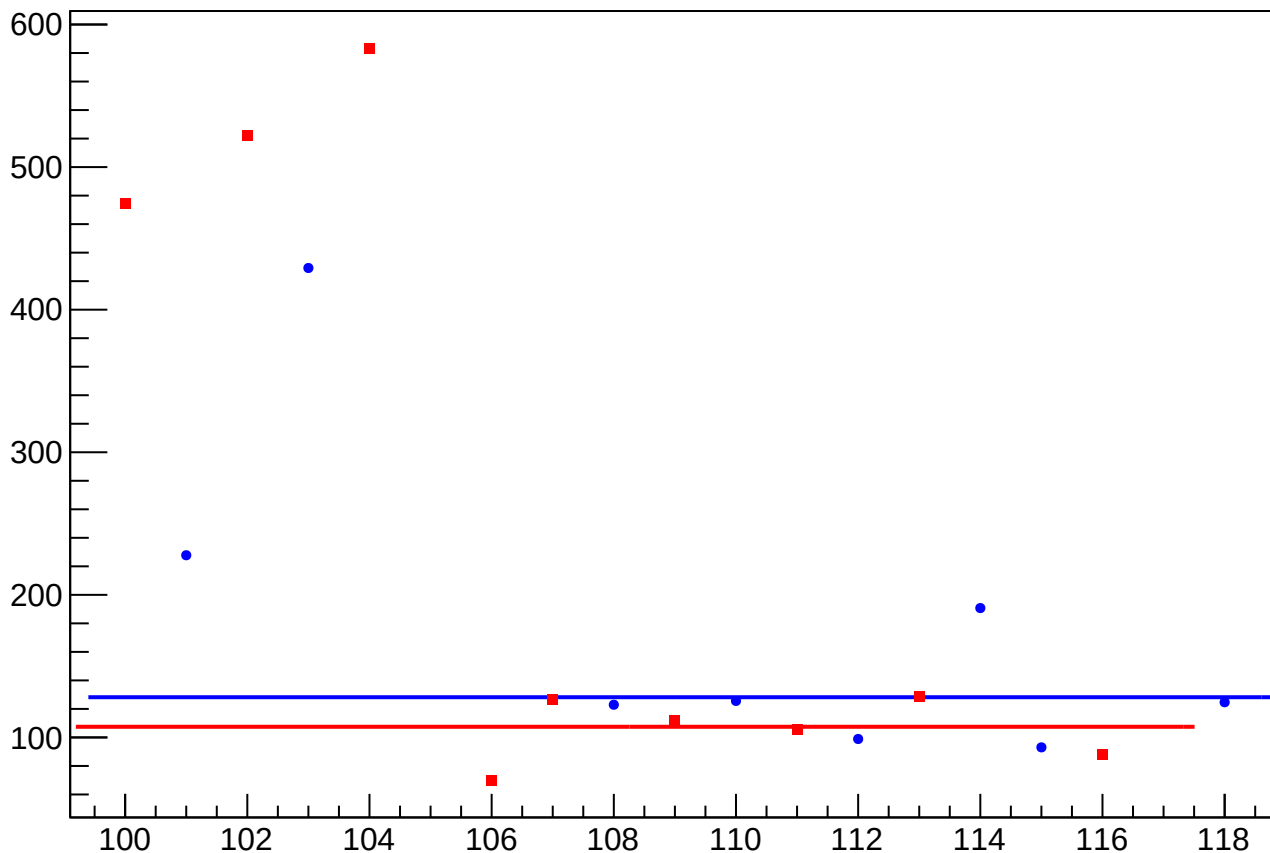
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.054 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 107.476+/-0.051 χ^2/NDF : 1290649.4/8

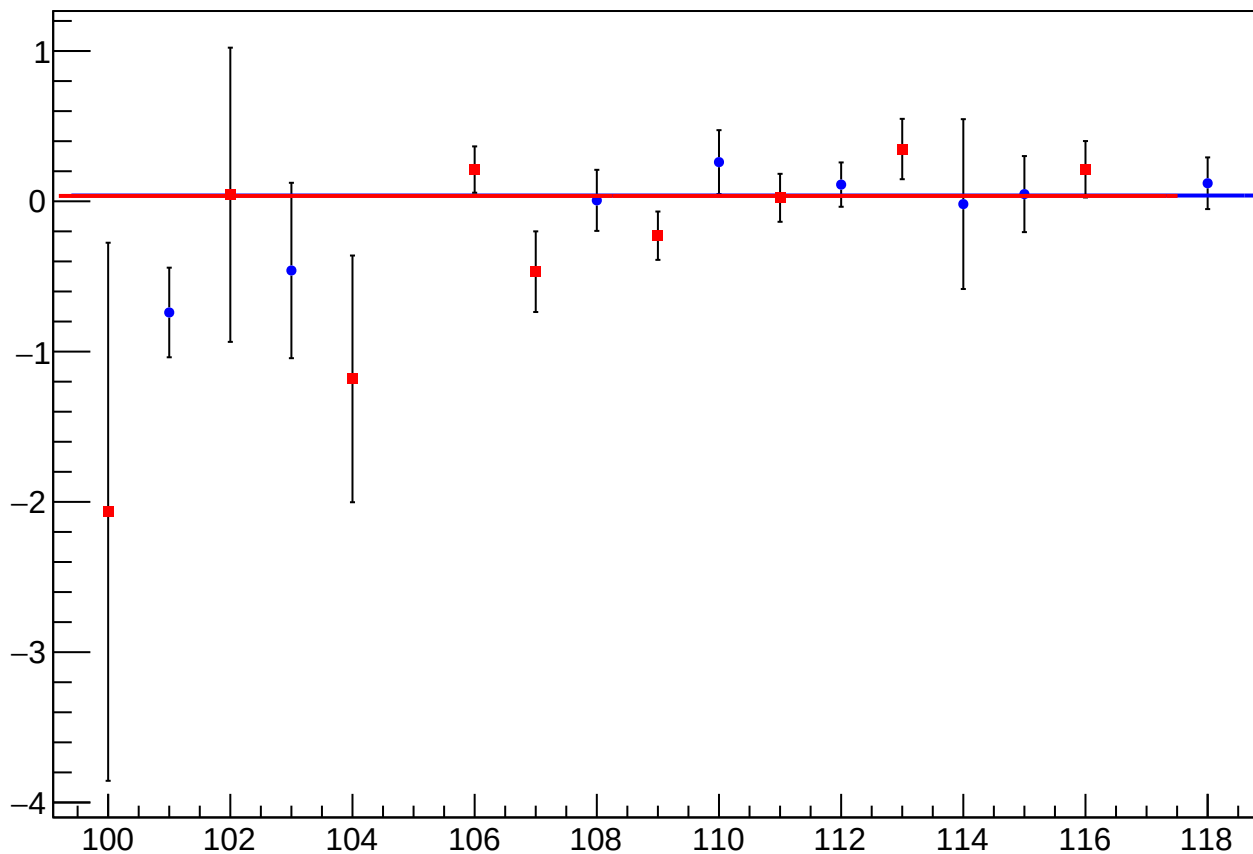
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.924+/-0.038 χ^2/NDF : 2264927.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.036 $\pm$ 0.073 χ^2 /NDF: 14.4/8

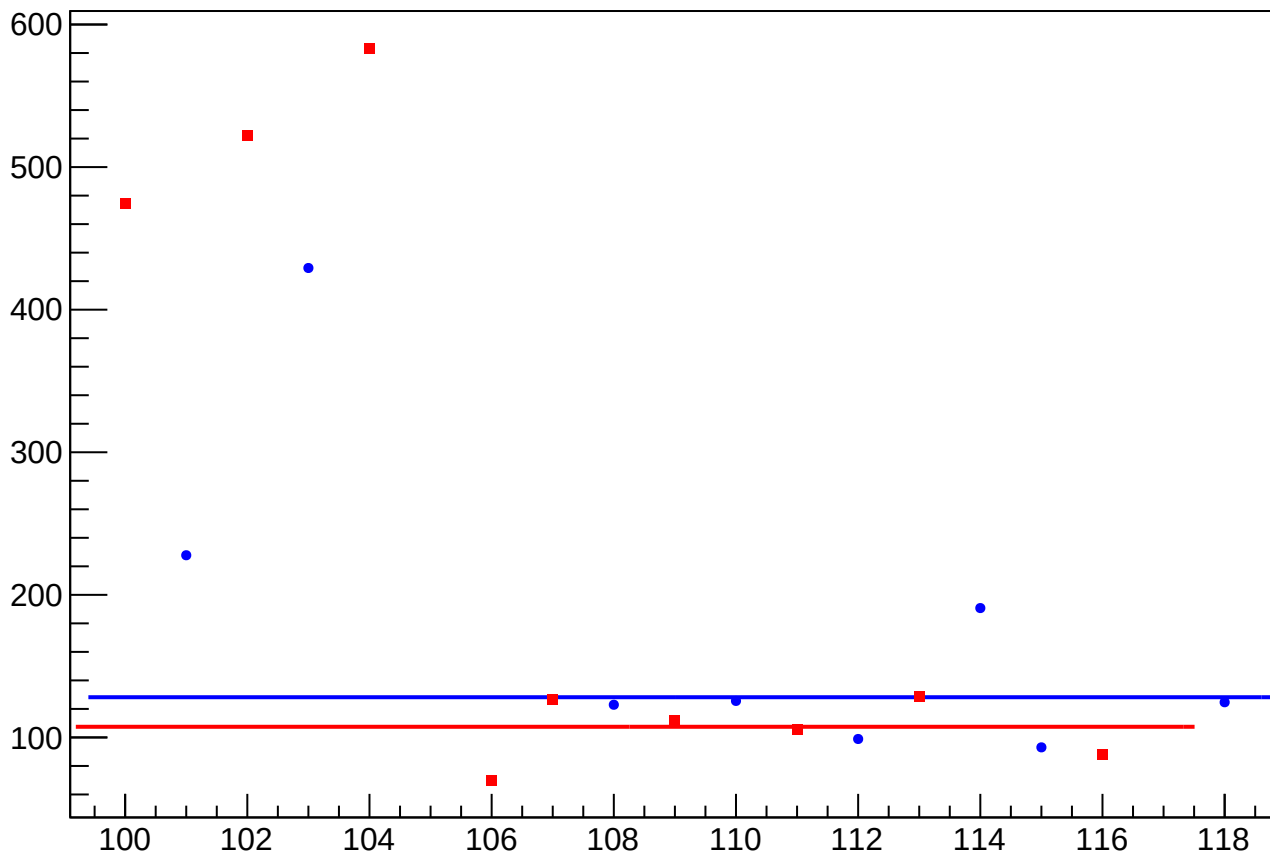
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.054 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 107.476+/-0.051 χ^2/NDF : 1290649.4/8

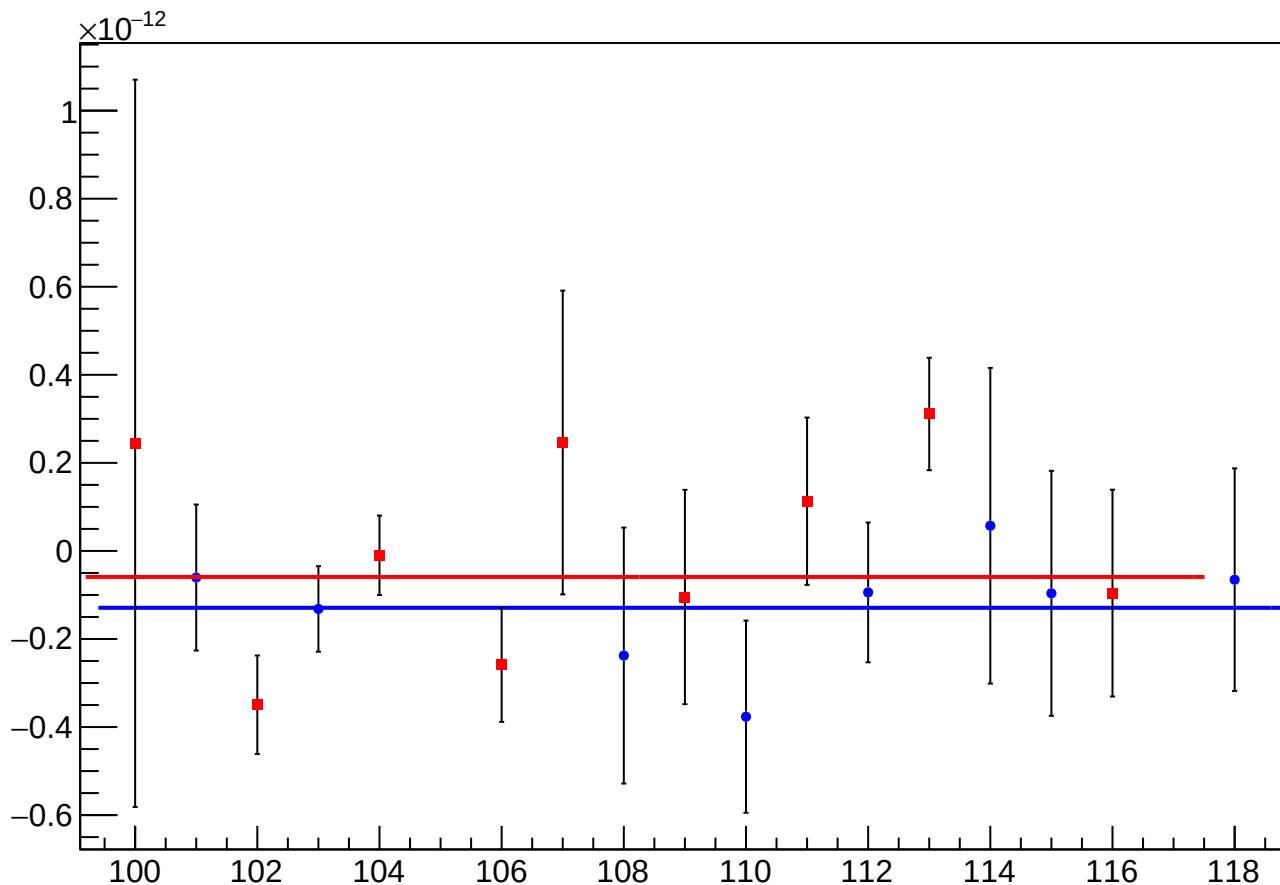
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.924+/-0.038 χ^2/NDF : 2264927.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.6/8

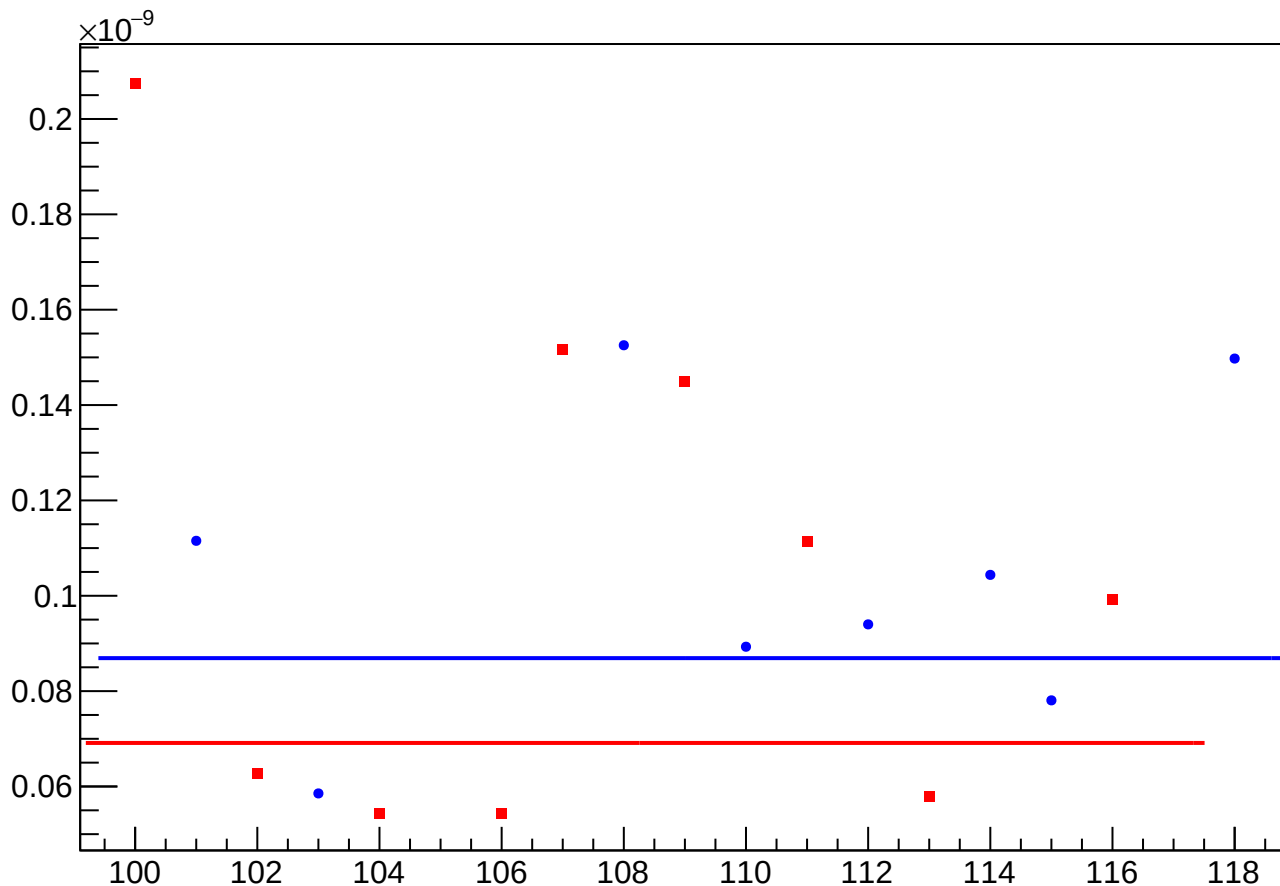
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 597929.4/8

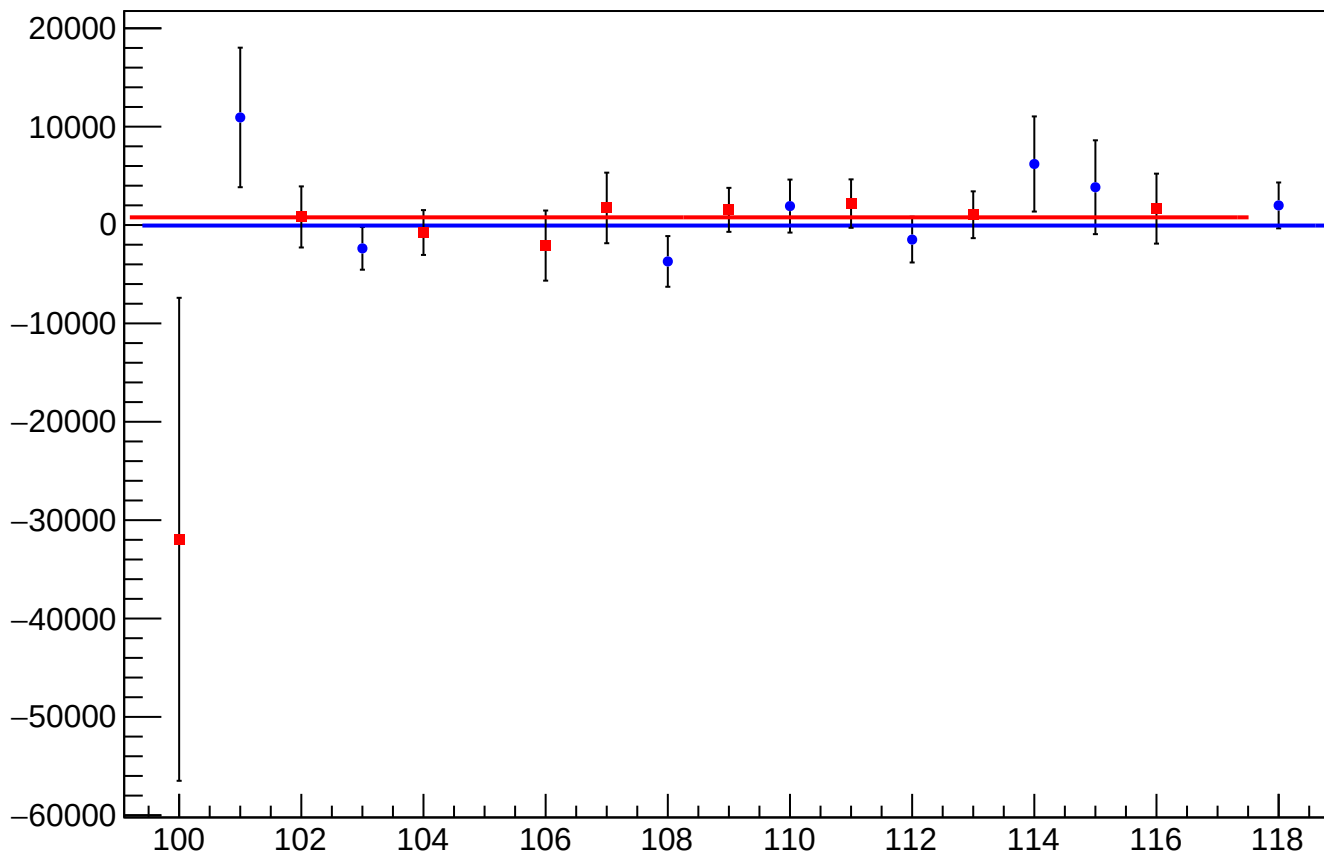
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1146486.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



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: 781.994 ± 964.458 χ^2/NDF : 3.5/8

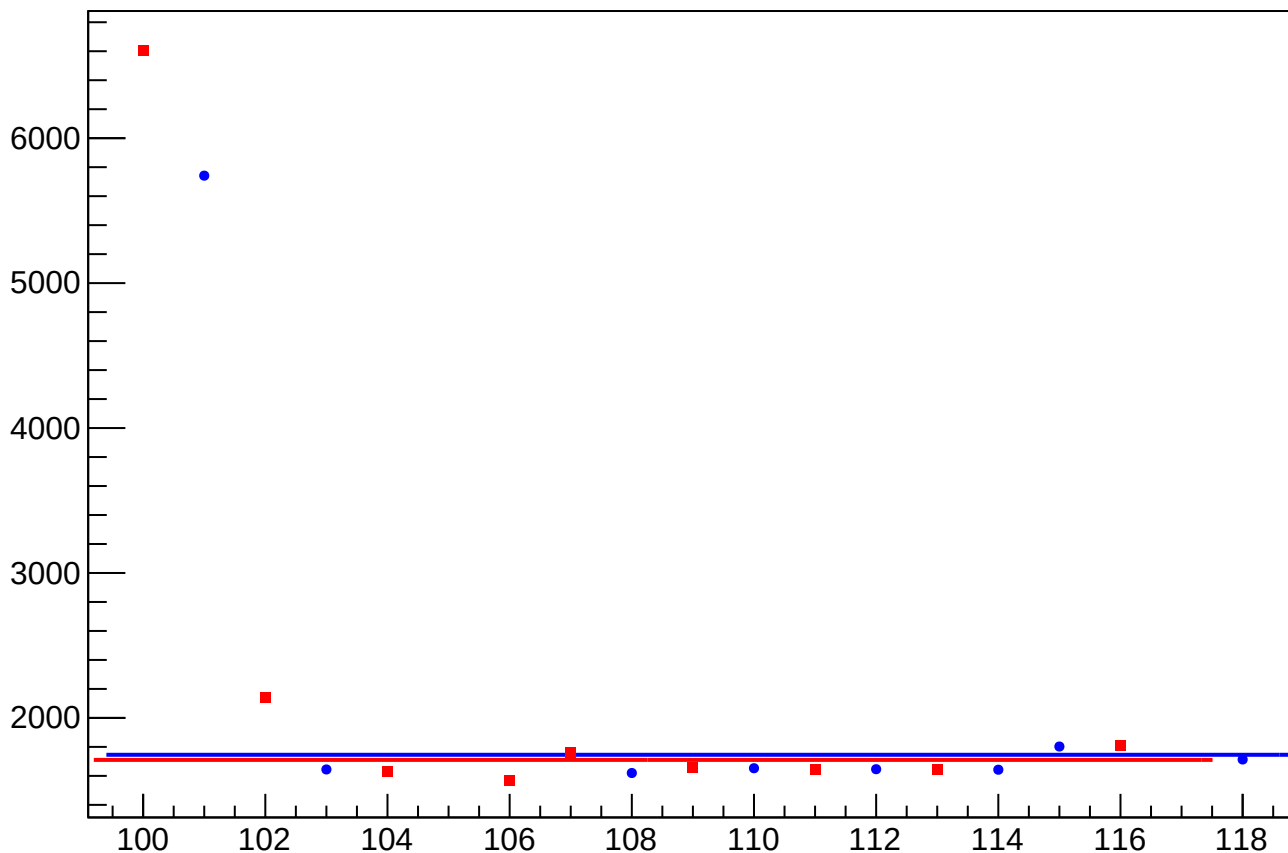
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 384.514 ± 698.174 χ^2/NDF : 13.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1745.577 $\pm$ 0.716 χ^2 /NDF: 651519.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1710.299 $\pm$ 0.671 χ^2 /NDF: 131518.4/8

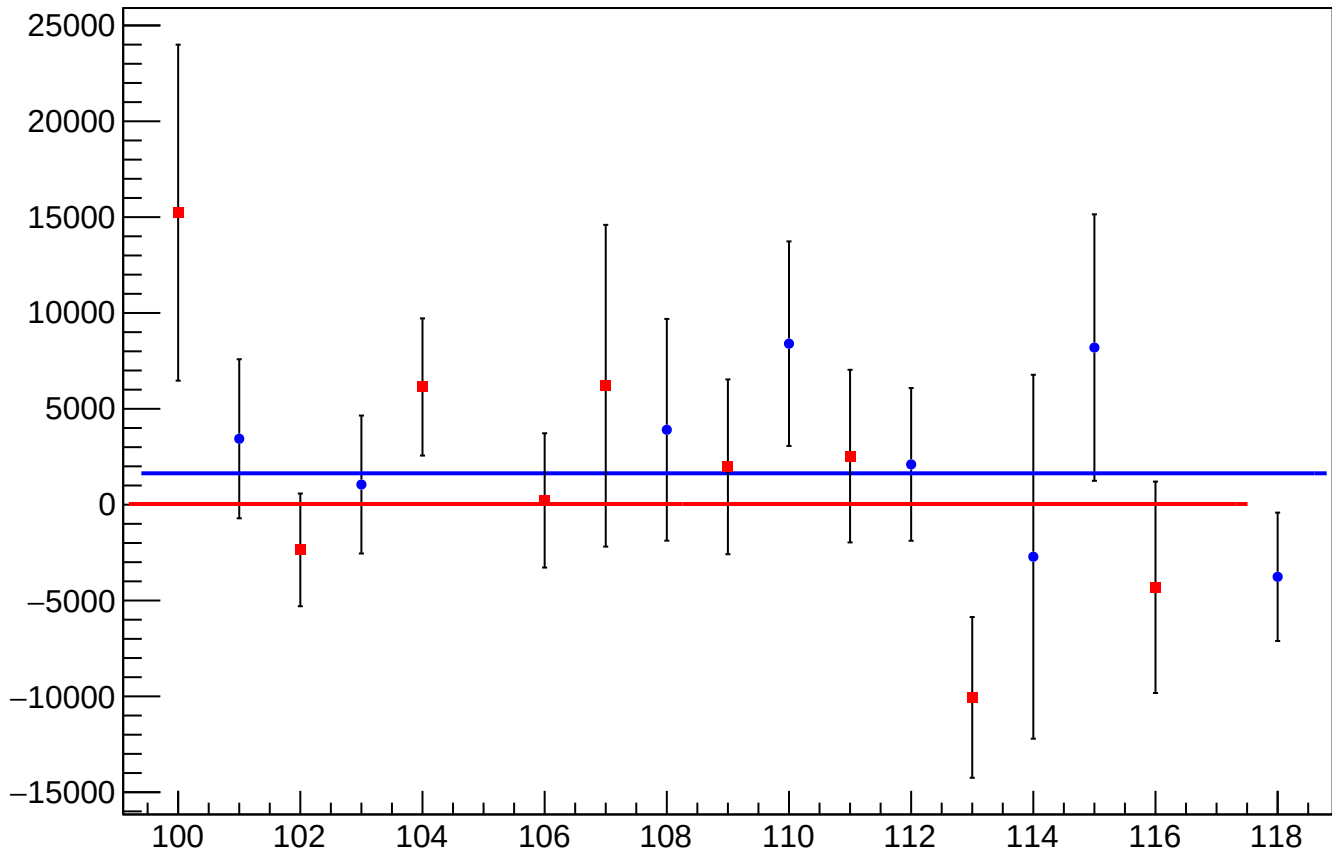
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1726.812 $\pm$ 0.490 χ^2 /NDF: 784330.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



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: 35.721+/-1429.087 χ^2/NDF : 14.0/8

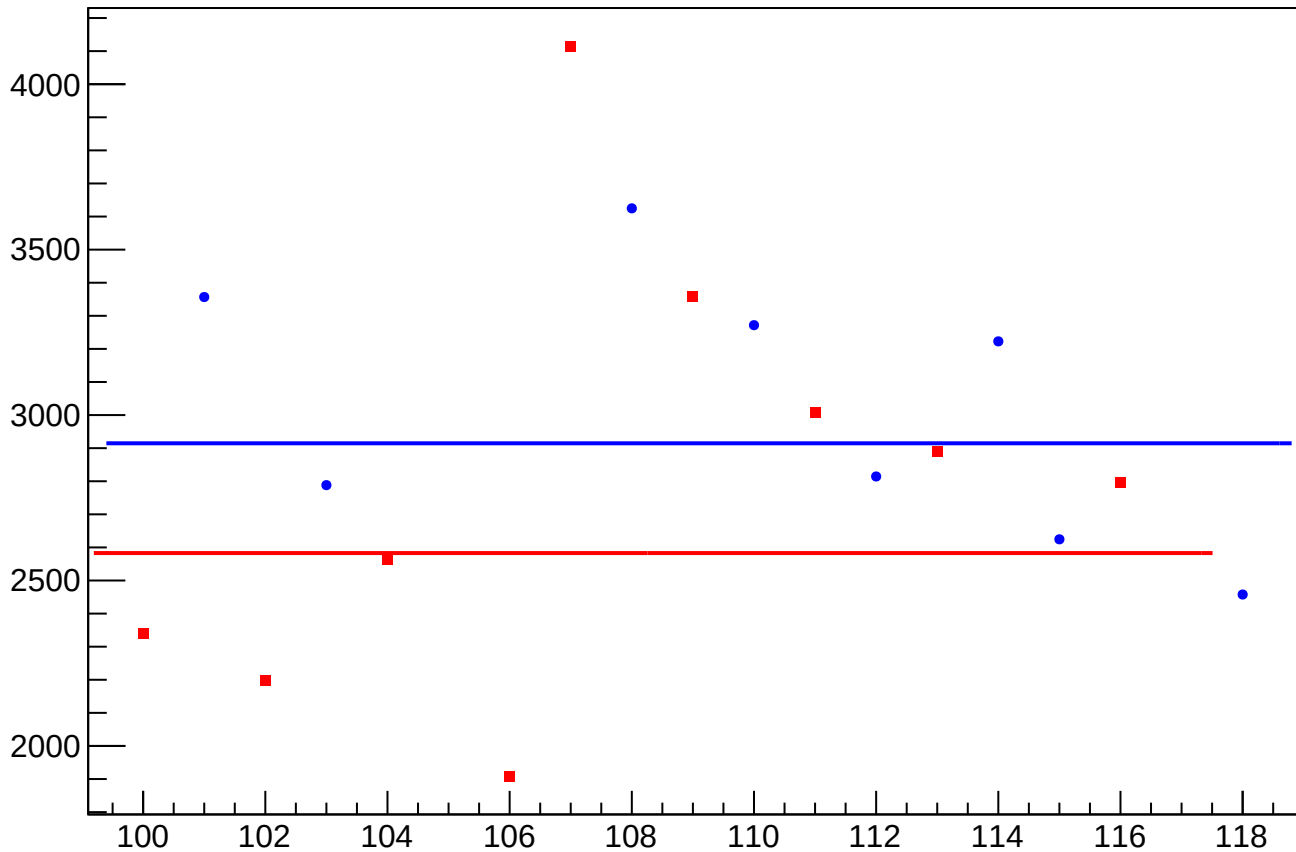
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.515+/-1069.677 χ^2/NDF : 20.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



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: 2582.978+/-1.011 χ^2/NDF : 266556.5/8

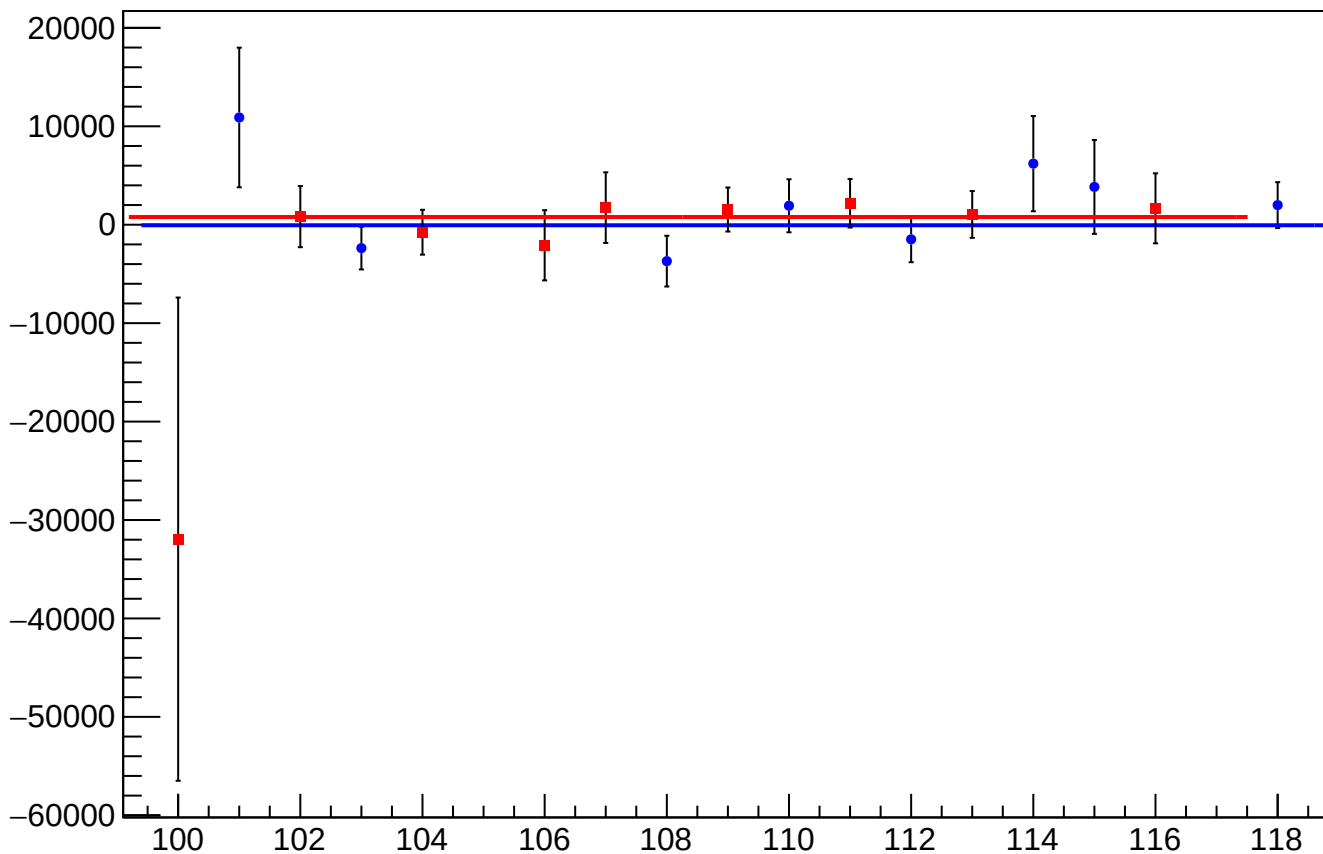
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2728.864+/-0.756 χ^2/NDF : 422342.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



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: 781.812 $\pm$ 964.458 χ^2 /NDF: 3.5/8

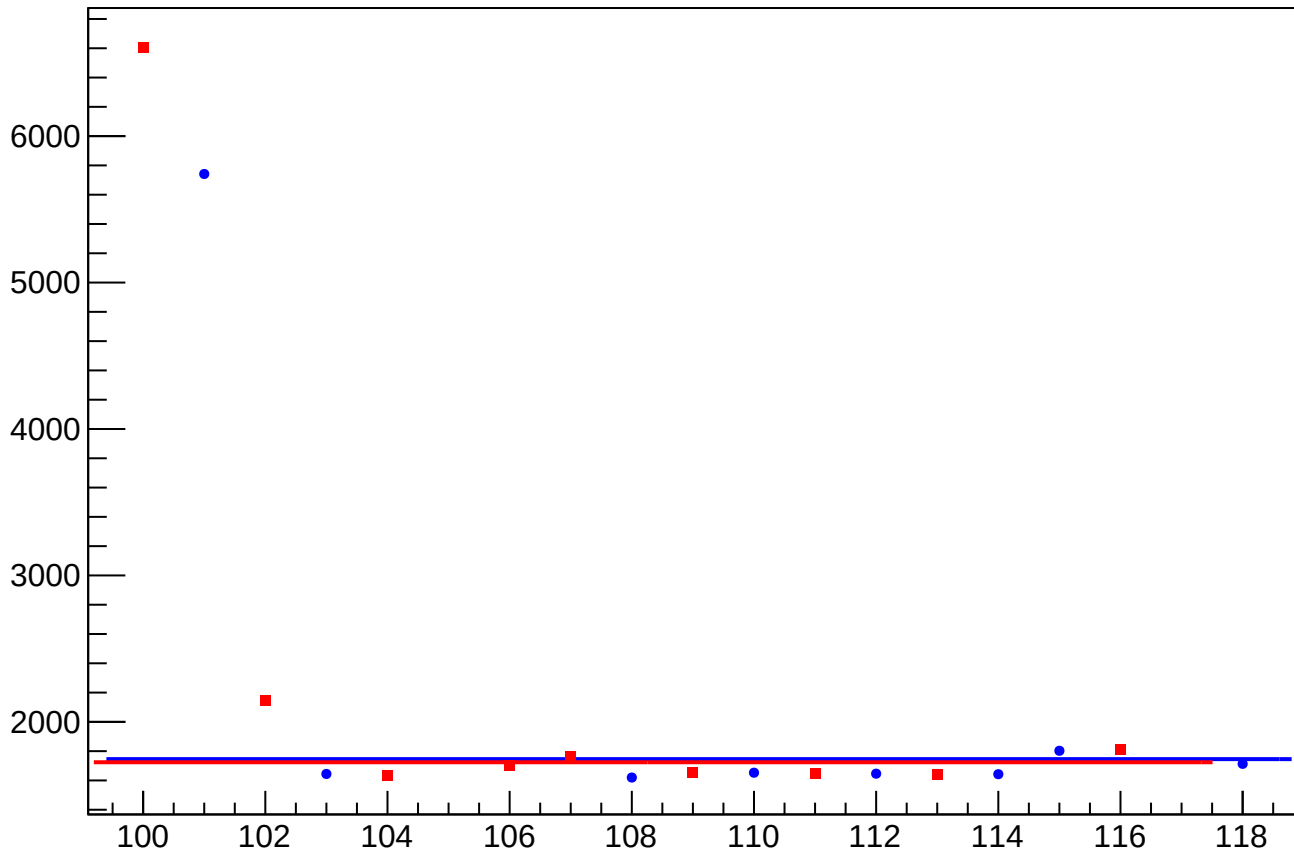
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 383.997 $\pm$ 698.174 χ^2 /NDF: 13.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1745.576 $\pm$ 0.716 χ^2 /NDF: 651519.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1724.238 $\pm$ 0.676 χ^2 /NDF: 126534.4/8

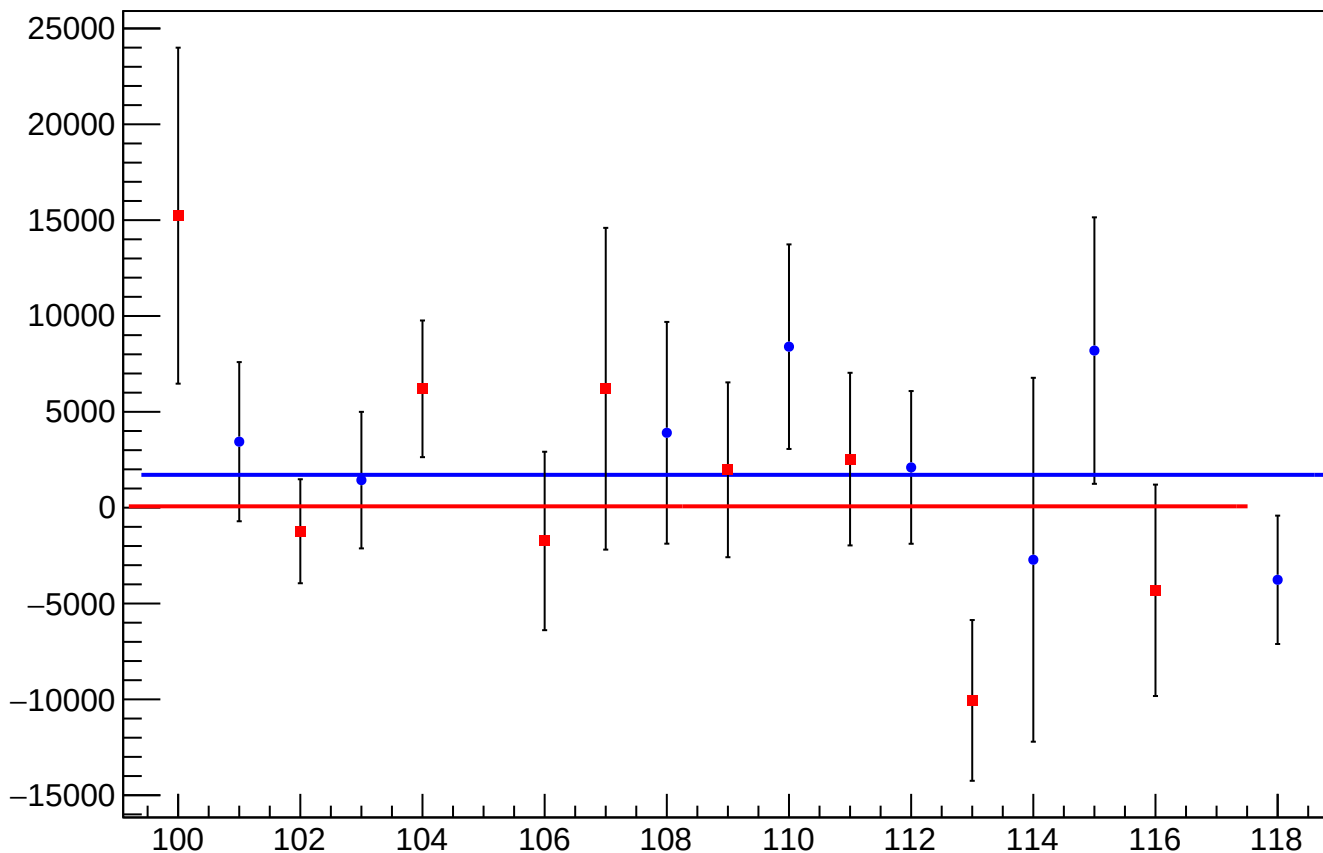
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1734.308 $\pm$ 0.492 χ^2 /NDF: 778523.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



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: 70.277+/-1450.794 χ^2/NDF : 13.8/8

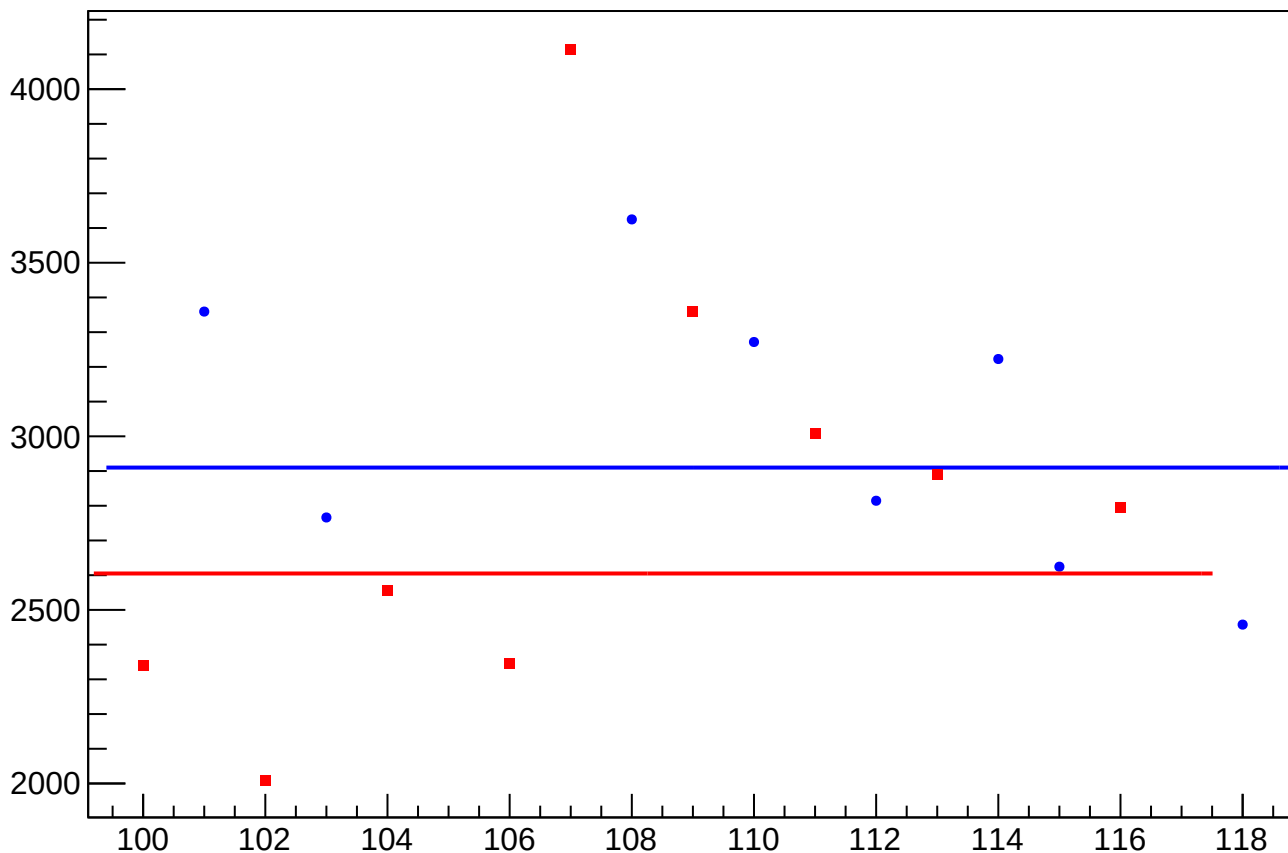
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.528+/-1077.714 χ^2/NDF : 20.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



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: 2604.890+/-1.026 χ^2/NDF : 251571.4/8

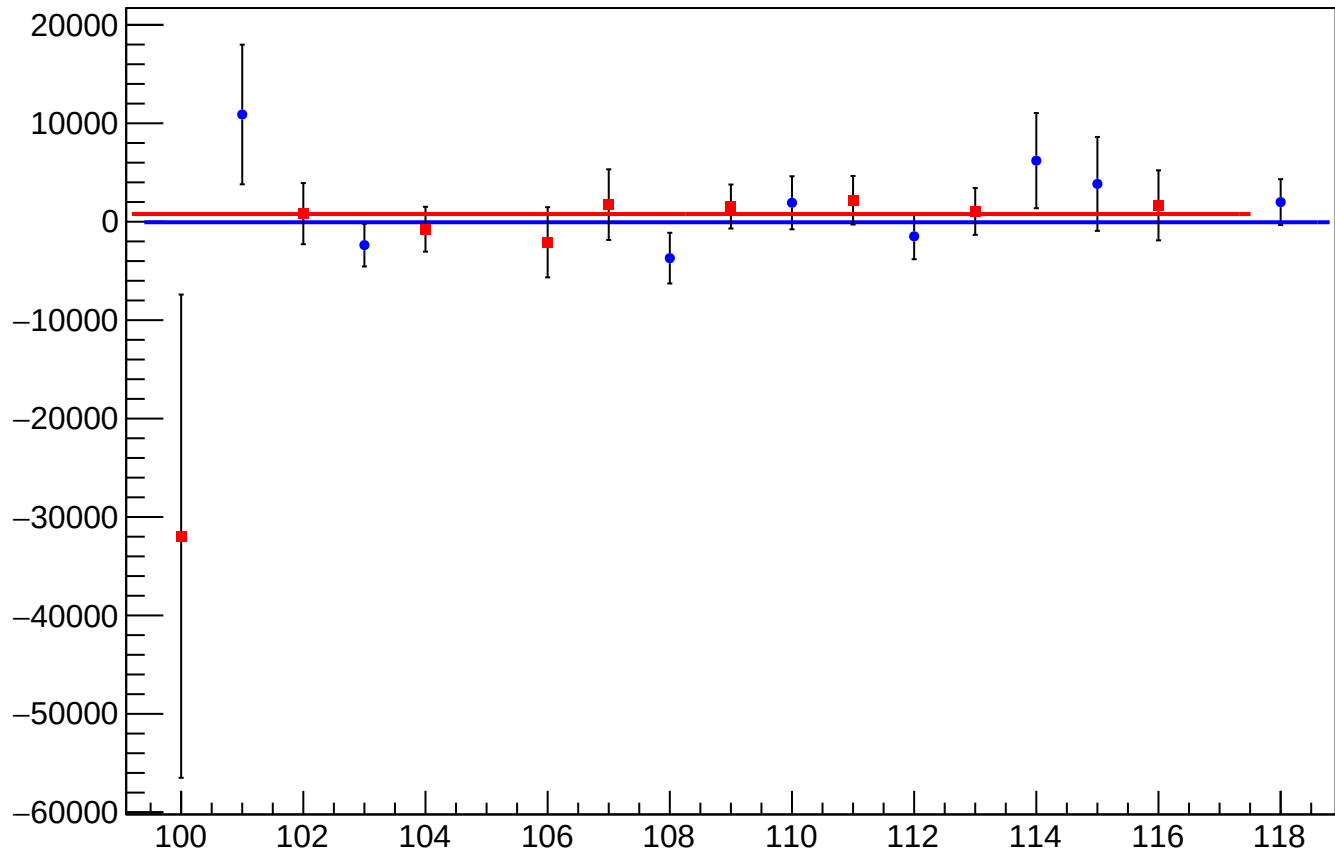
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2741.627+/-0.762 χ^2/NDF : 400827.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



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: 781.812 $\pm$ 964.458 χ^2 /NDF: 3.5/8

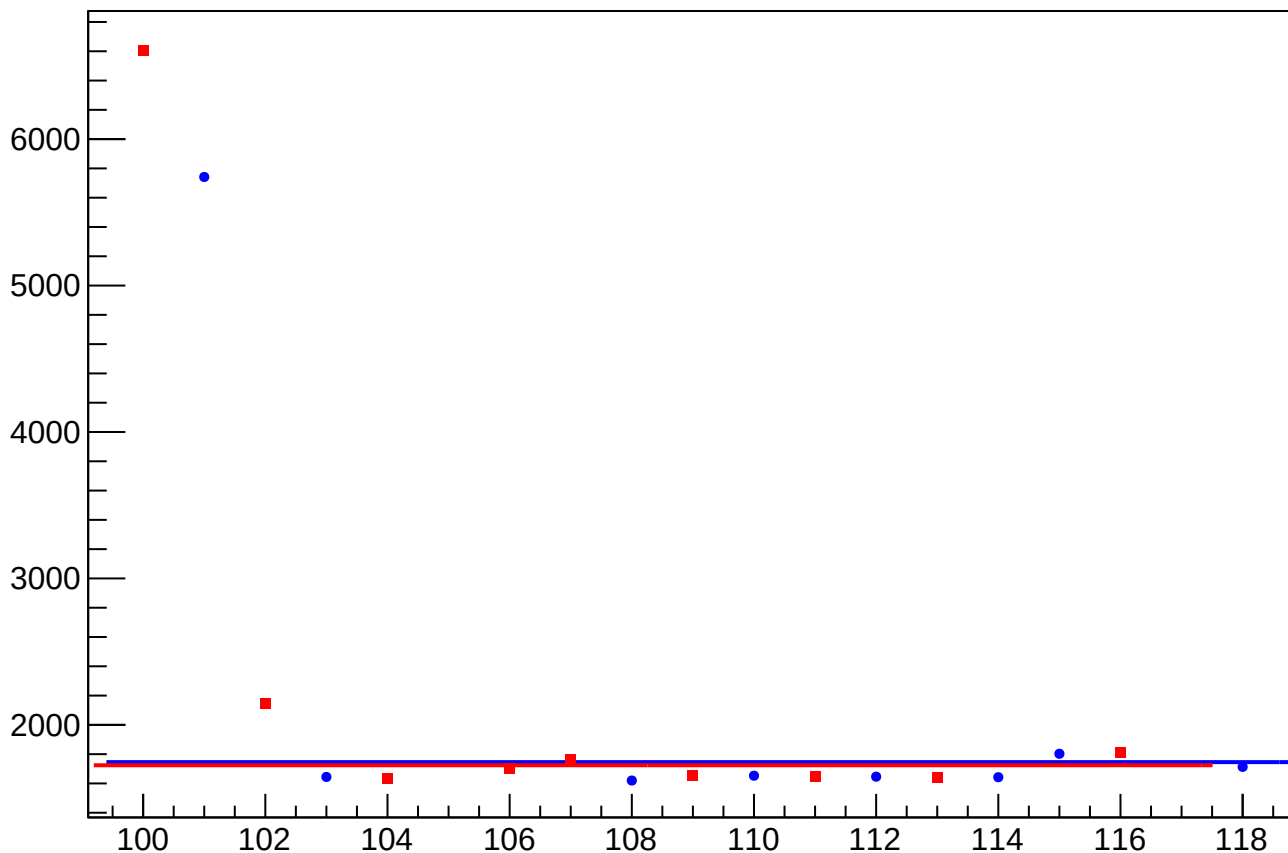
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 383.997 $\pm$ 698.174 χ^2 /NDF: 13.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1745.576 $\pm$ 0.716 χ^2 /NDF: 651519.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1724.238 $\pm$ 0.676 χ^2 /NDF: 126534.4/8

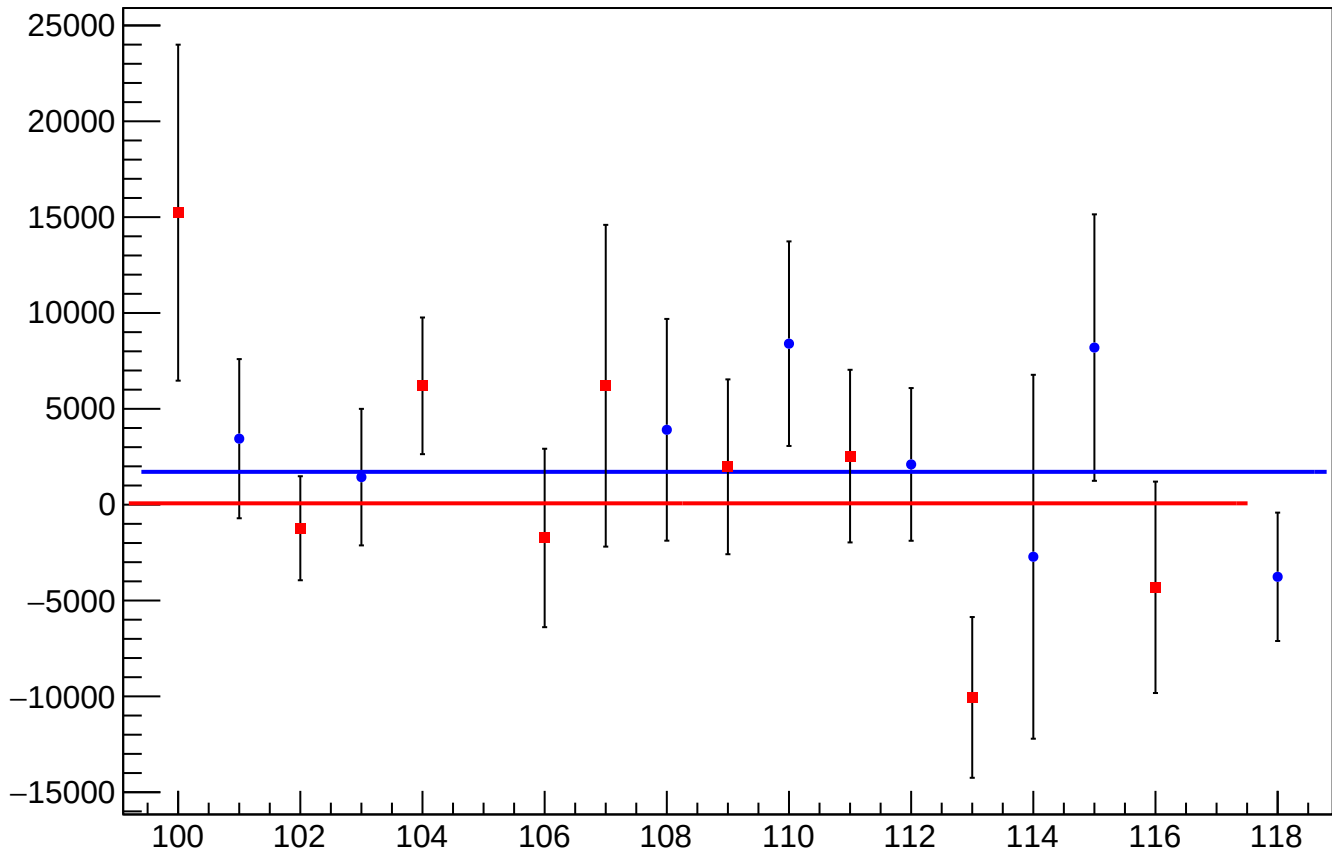
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1734.308 $\pm$ 0.492 χ^2 /NDF: 778523.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



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: 70.277+/-1450.794 χ^2/NDF : 13.8/8

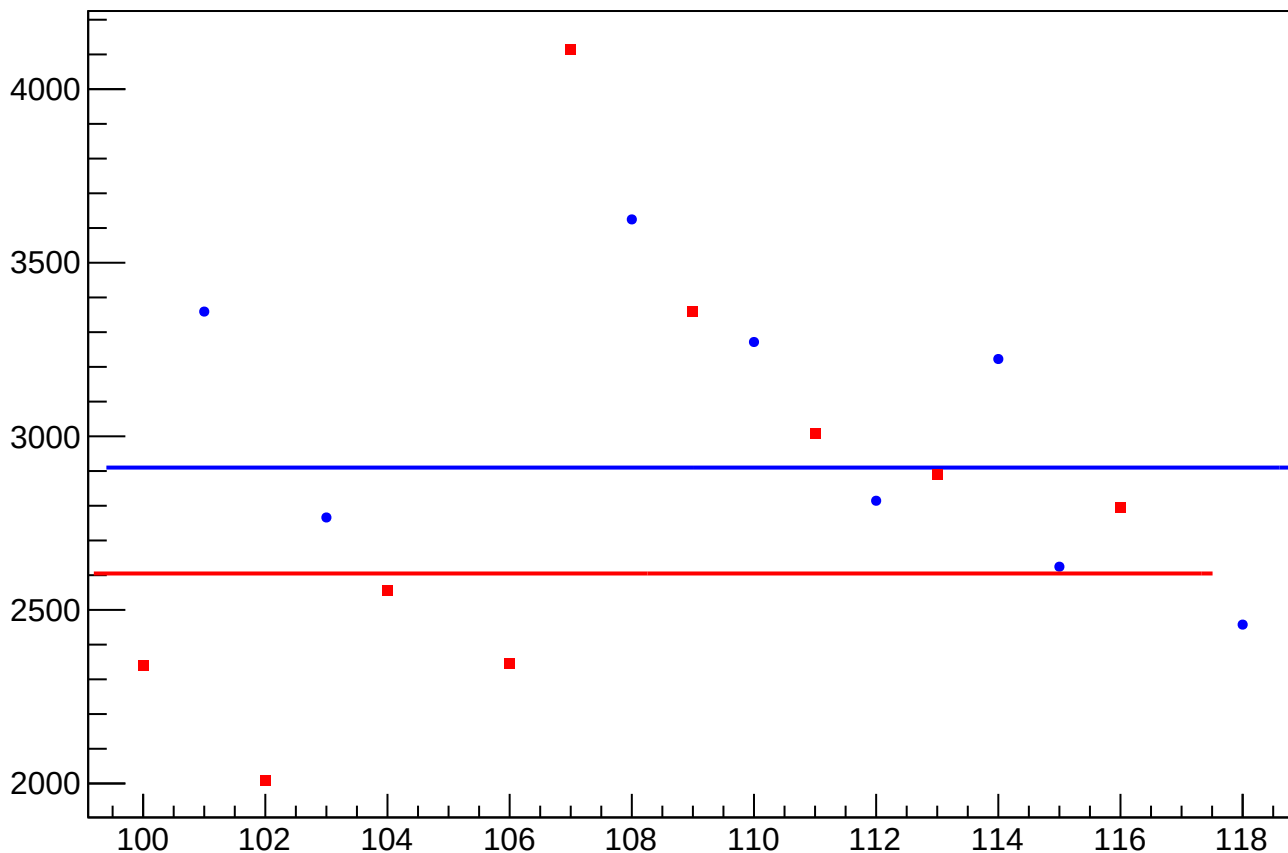
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 806.528+/-1077.714 χ^2/NDF : 20.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



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: 2604.890+/-1.026 χ^2/NDF : 251571.4/8

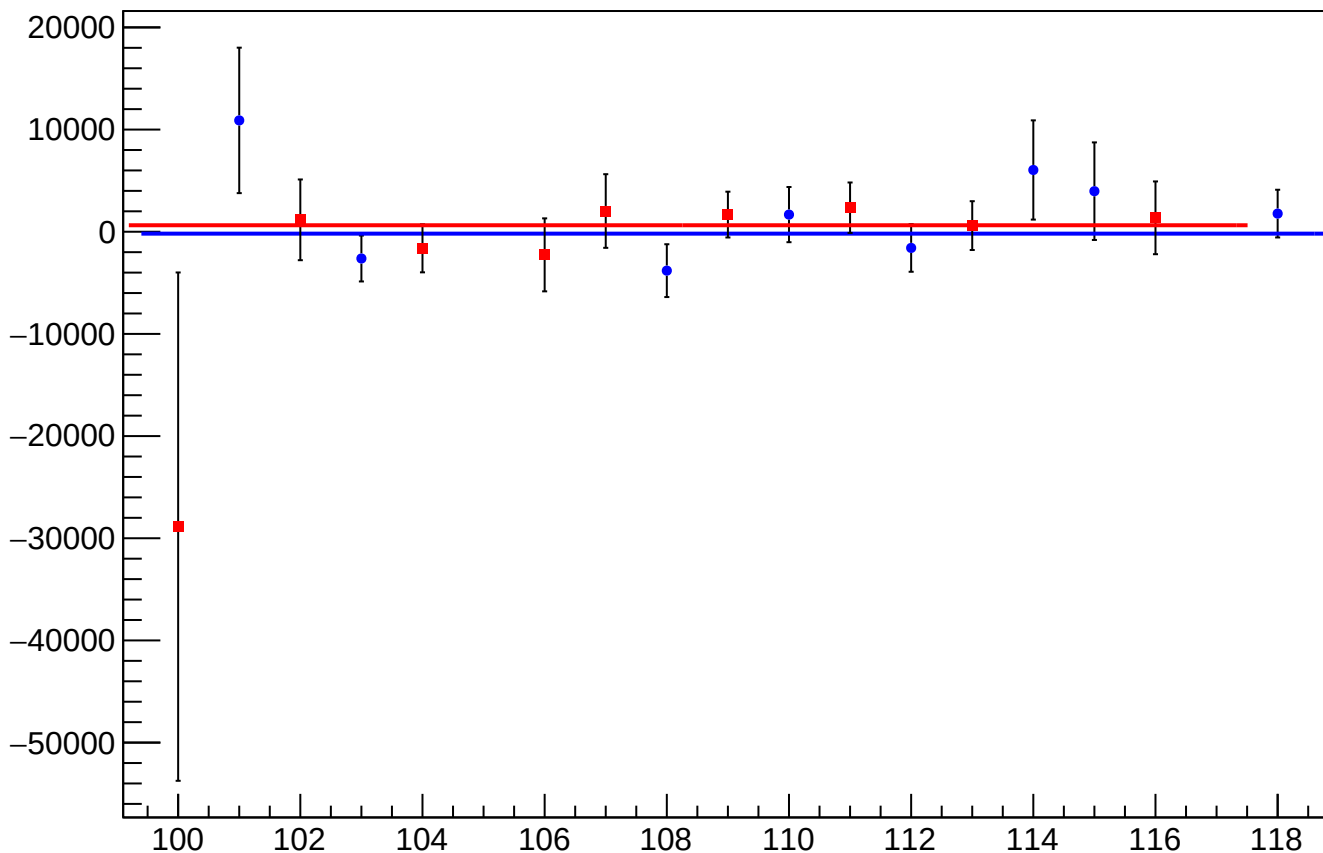
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2741.627+/-0.762 χ^2/NDF : 400827.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



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: 635.526+/-990.596 χ^2/NDF : 3.9/8

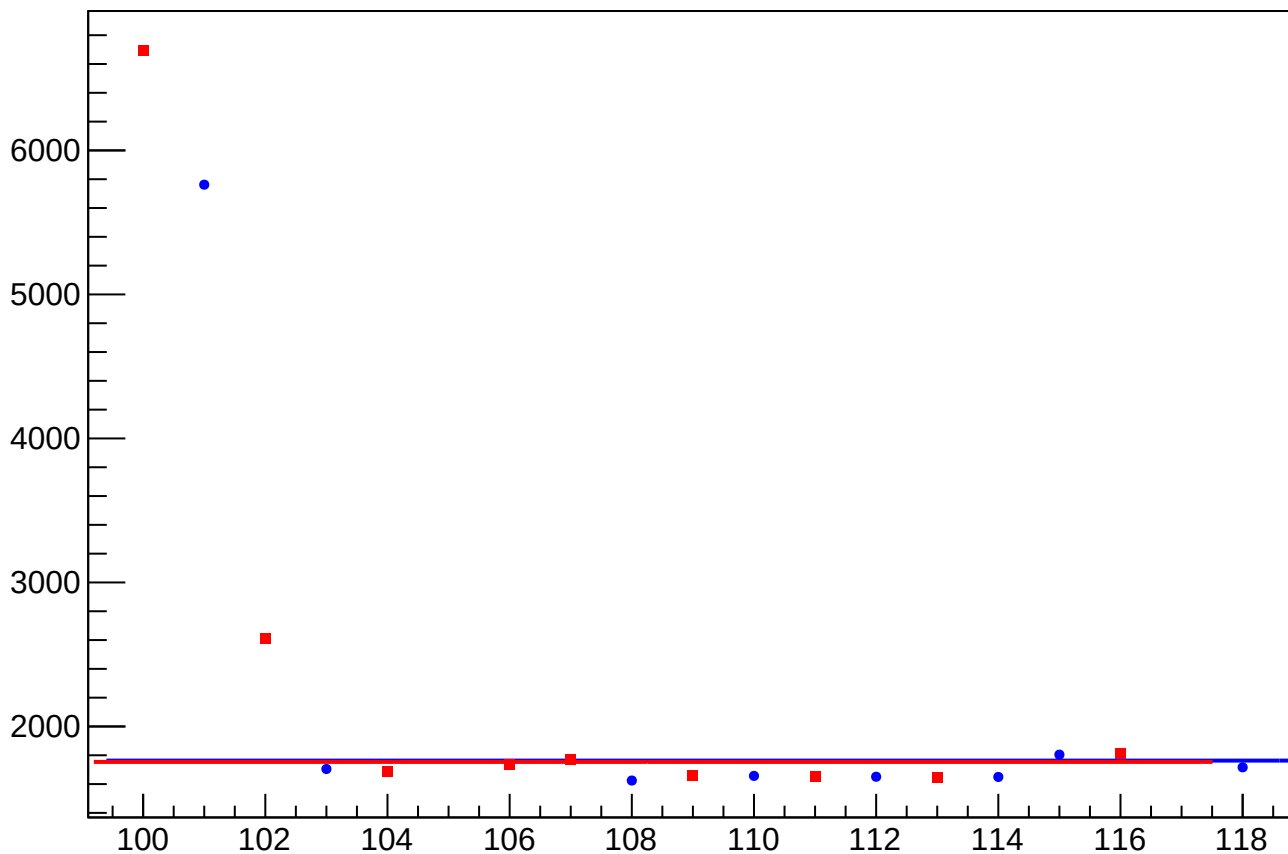
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.459+/-711.214 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1762.985 $\pm$ 0.722 χ^2 /NDF: 648021.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1753.958 $\pm$ 0.696 χ^2 /NDF: 186980.8/8

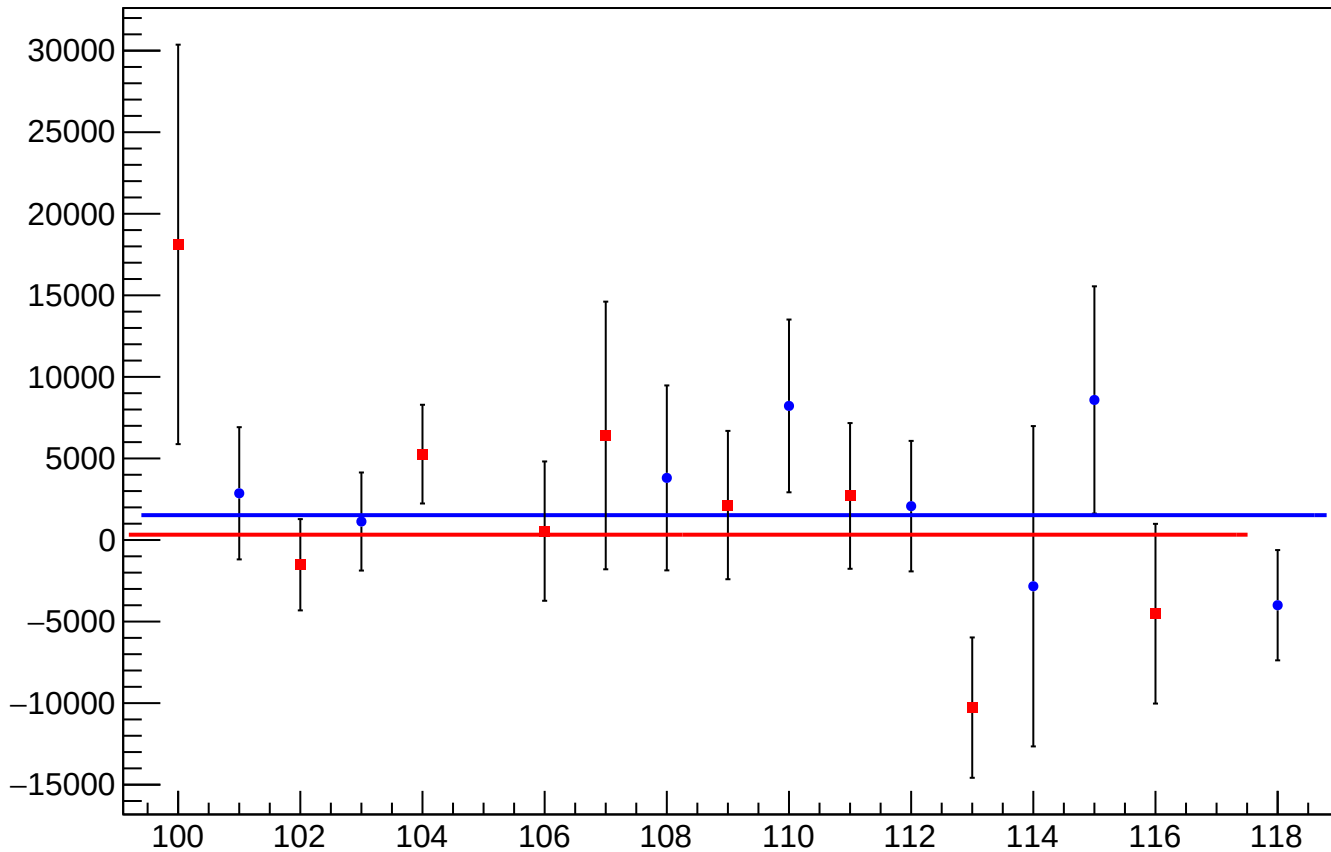
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1758.302 $\pm$ 0.501 χ^2 /NDF: 835083.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 1523.566 $\pm$ 1544.340 χ^2 /NDF: 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 325.485 $\pm$ 1415.989 χ^2 /NDF: 13.1/8

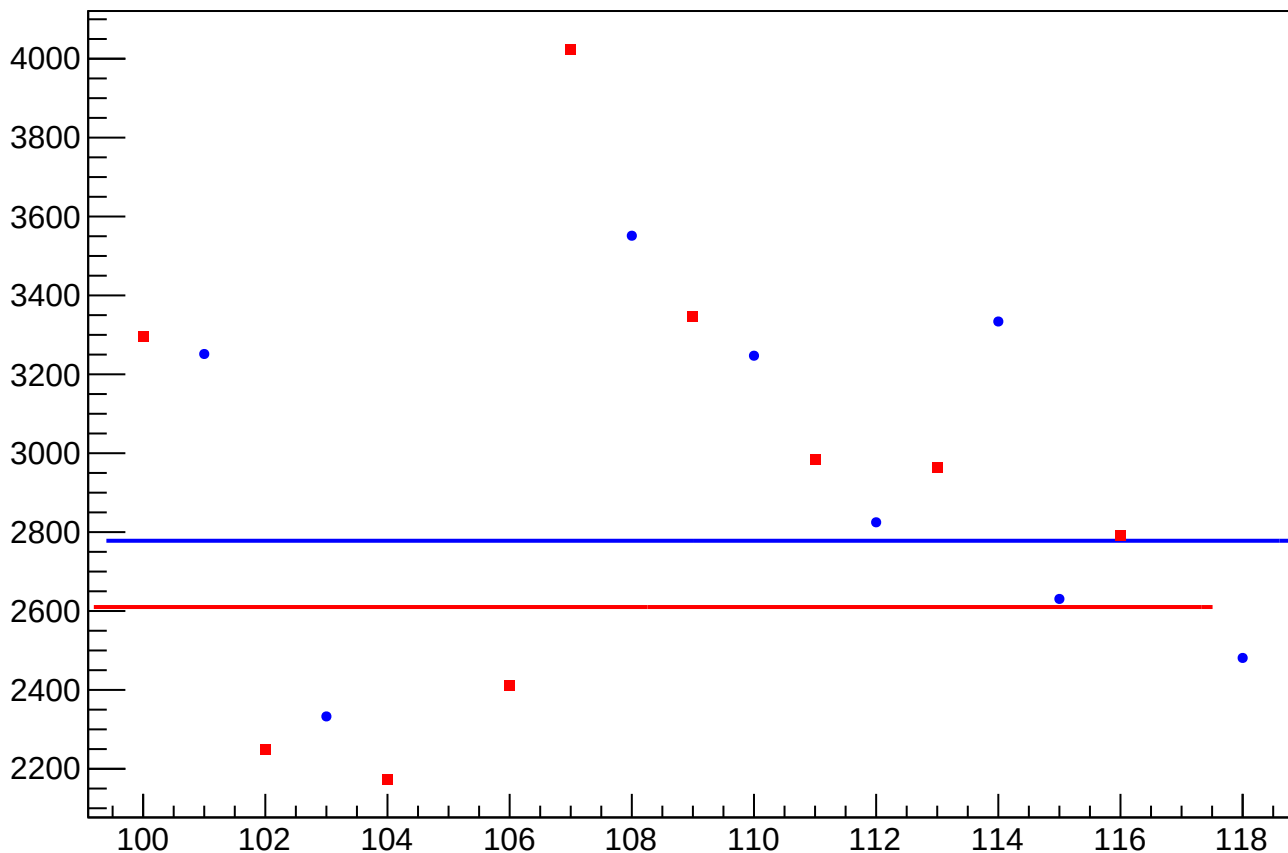
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 872.678 $\pm$ 1043.686 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



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: 2610.123+/-1.001 χ^2/NDF : 227521.3/8

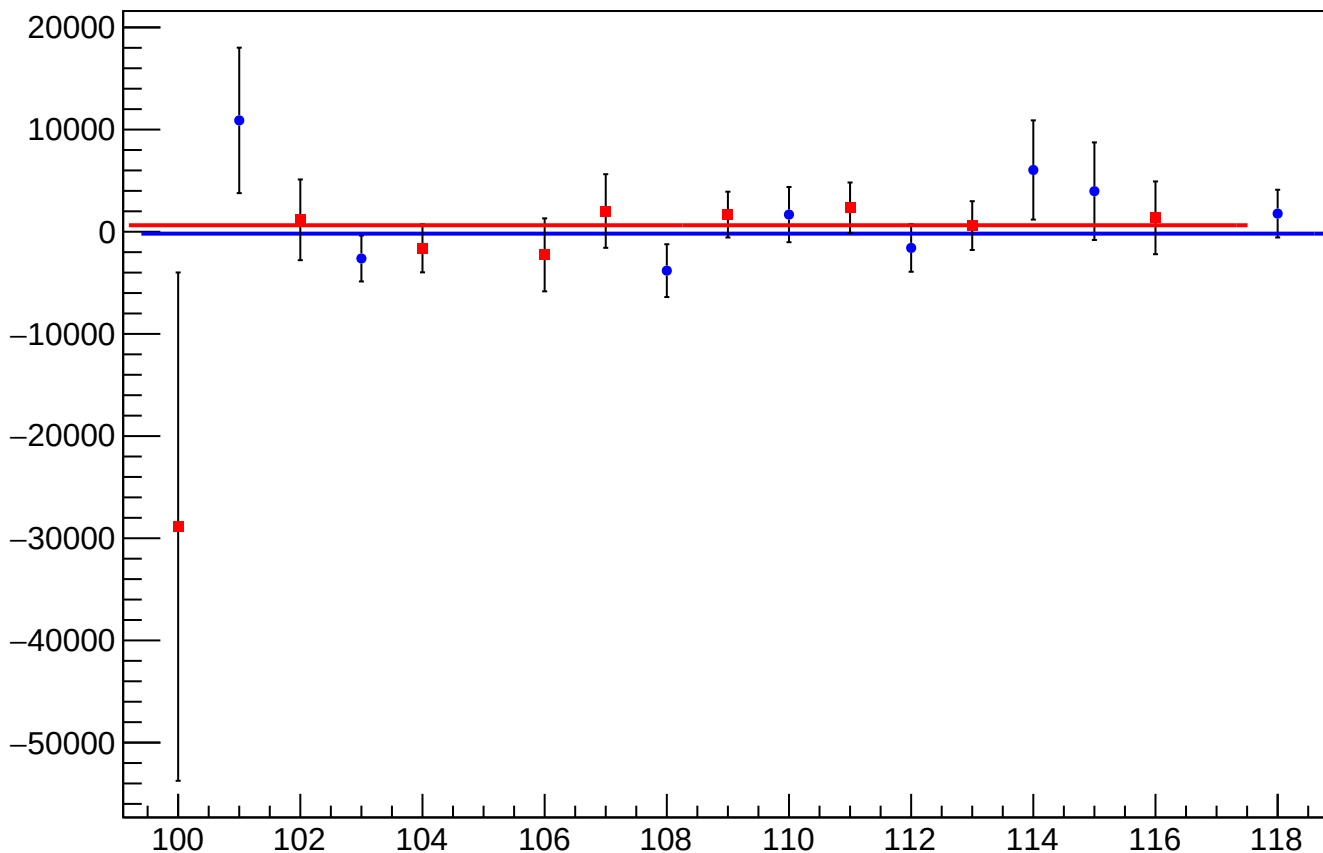
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2686.839+/-0.738 χ^2/NDF : 387465.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: -186.042 $\pm$ 1021.744 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 635.535 $\pm$ 990.596 χ^2 /NDF: 3.9/8

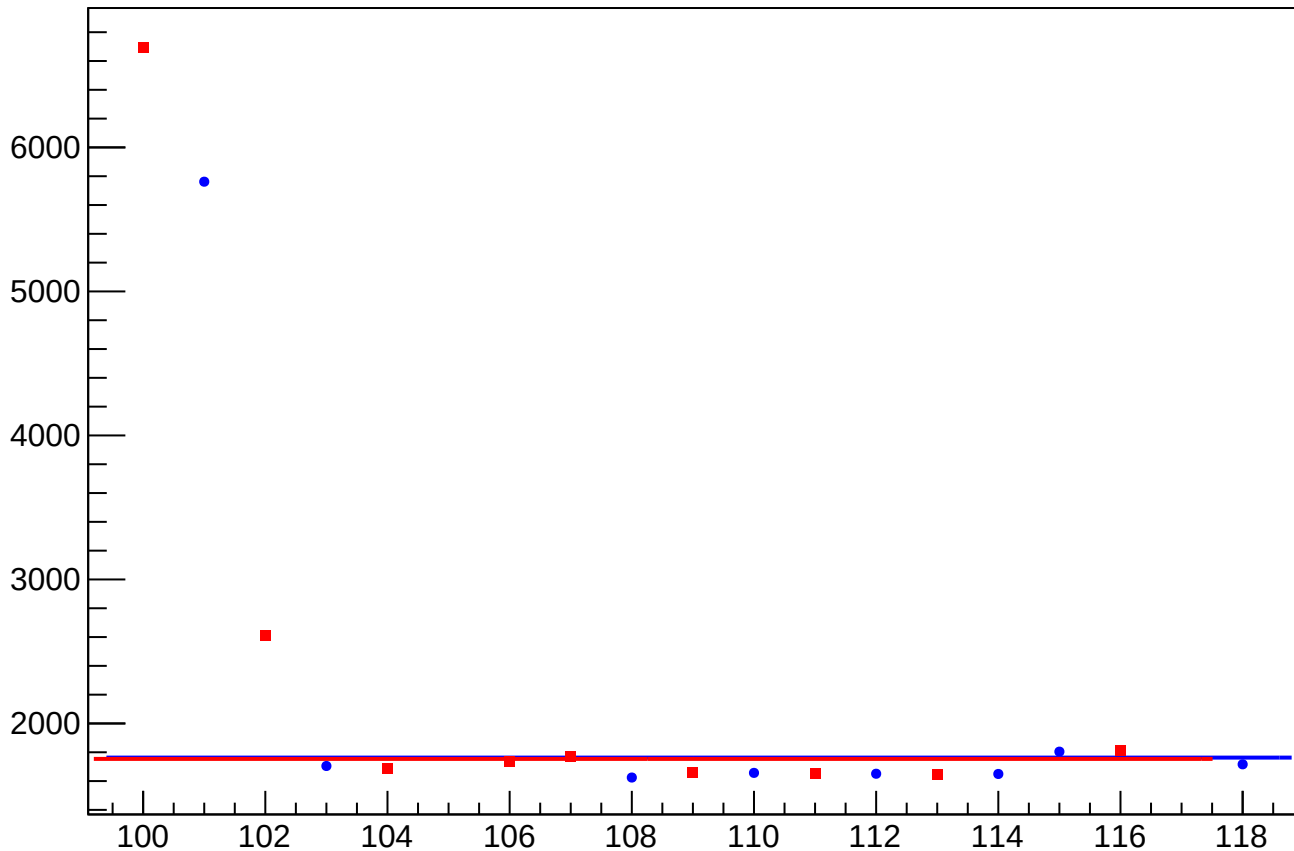
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.461 $\pm$ 711.214 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



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: 1753.958+/-0.696 χ^2/NDF : 186980.8/8

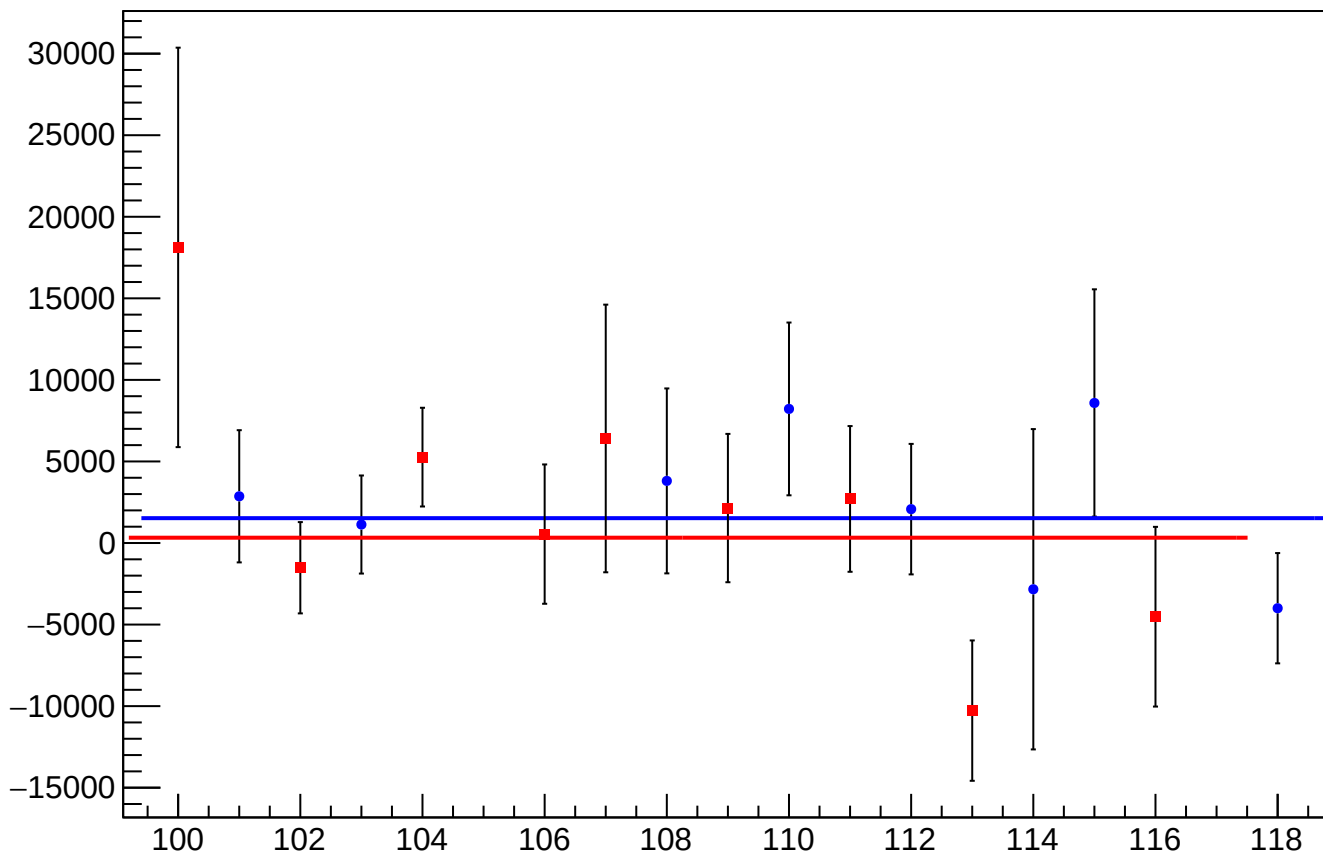
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1758.302+/-0.501 χ^2/NDF : 835083.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



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: 325.484+/-1415.988 χ^2/NDF : 13.1/8

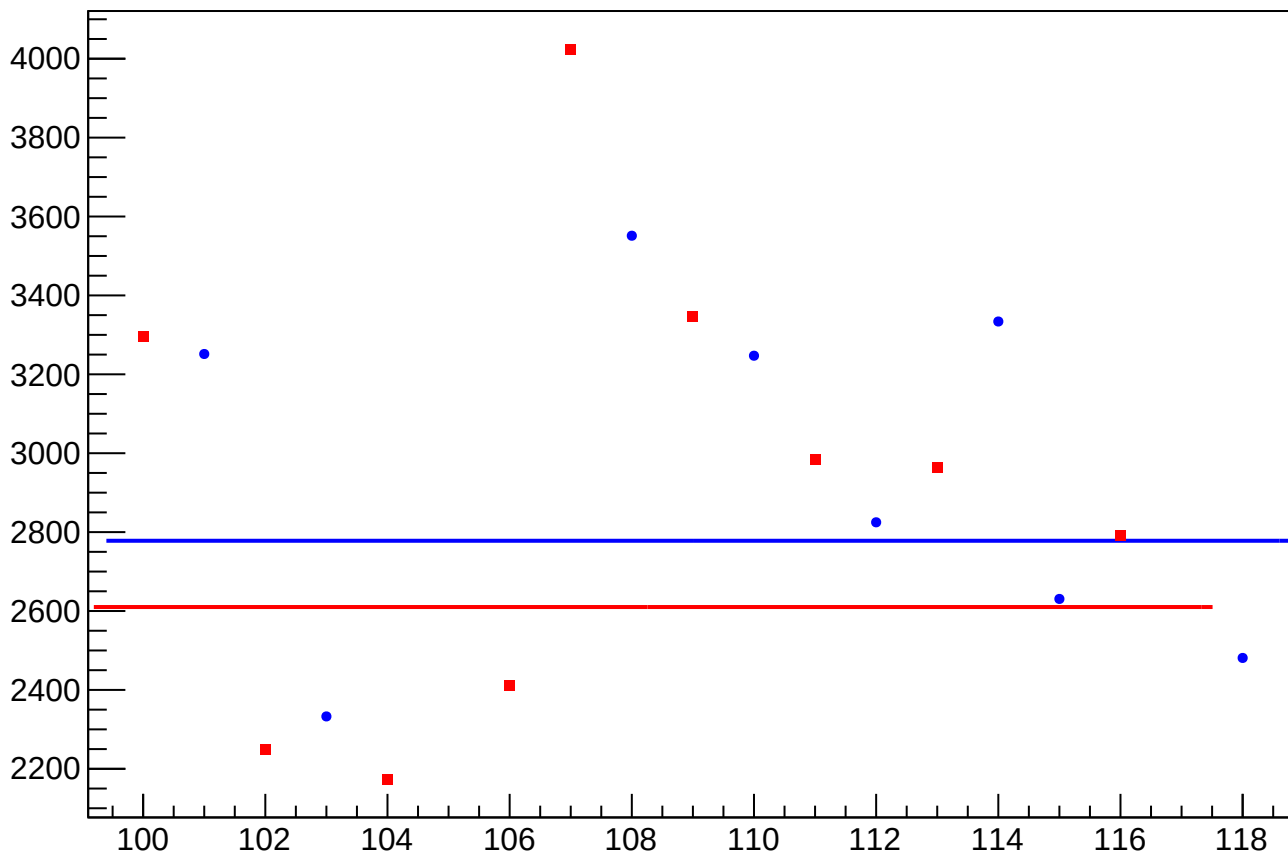
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 872.674+/-1043.685 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2778.087 $\pm$ 1.092 χ^2 /NDF: 147089.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2610.121 $\pm$ 1.001 χ^2 /NDF: 227517.6/8

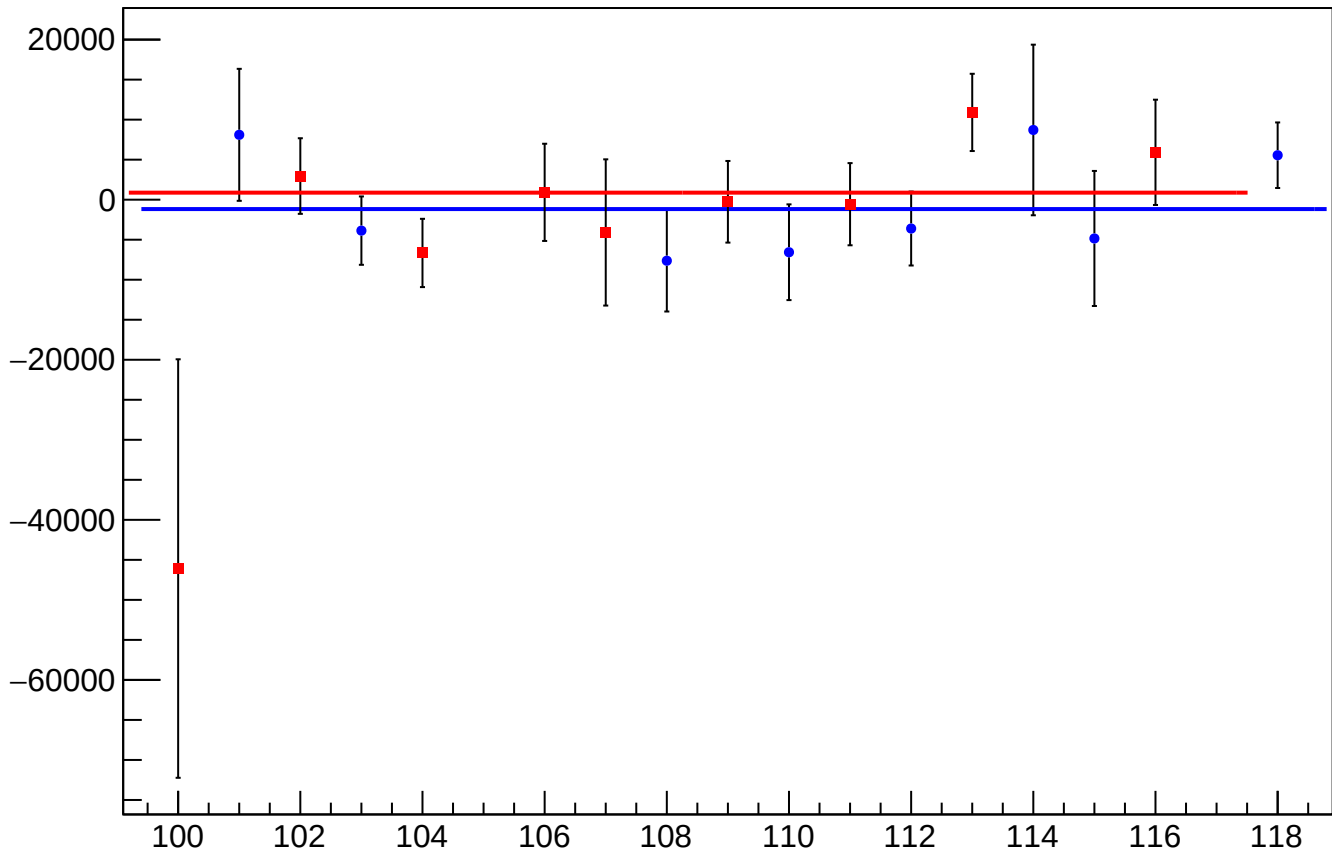
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2686.835 $\pm$ 0.738 χ^2 /NDF: 387459.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_mean vs Slug



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: 878.927+/-1880.400 χ^2 /NDF: 11.9/8

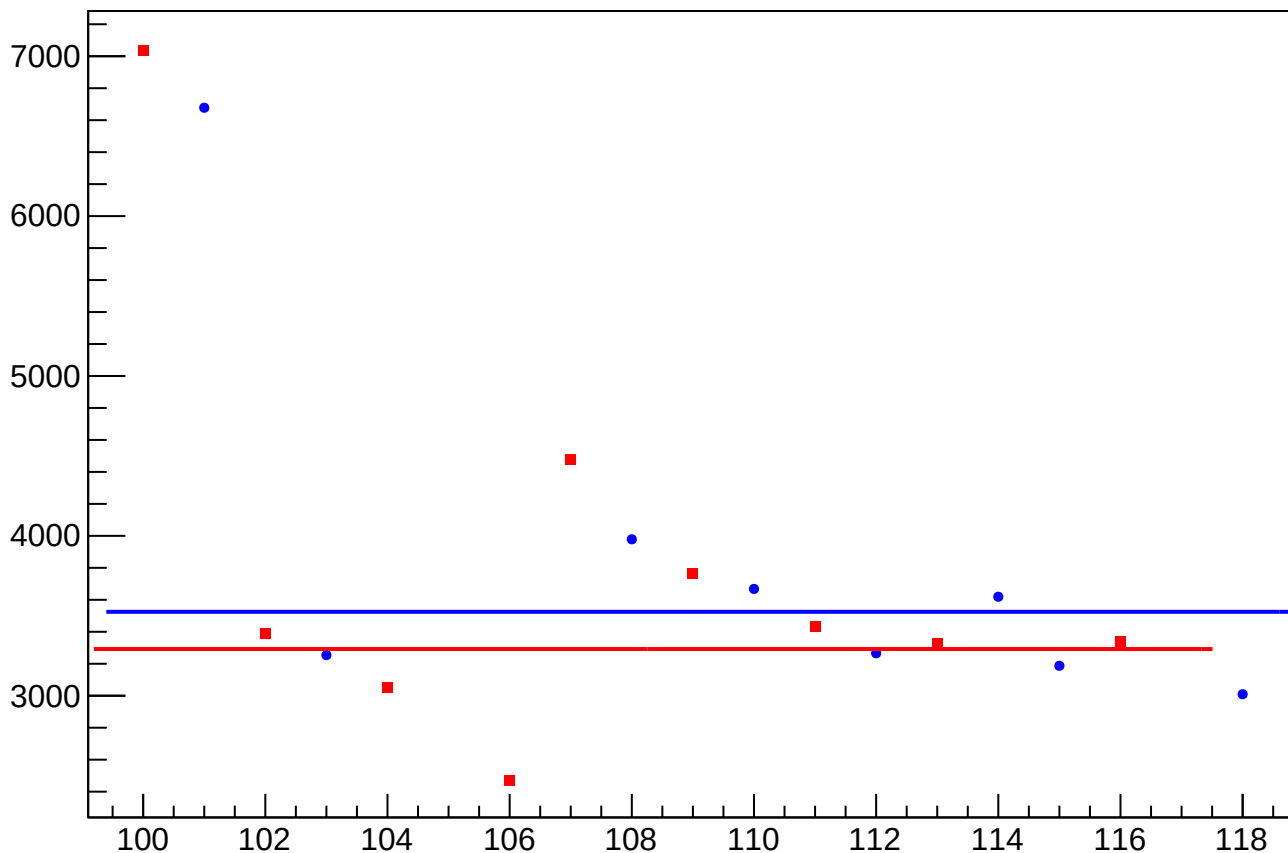
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -86.955+/-1367.770 χ^2 /NDF: 20.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_rms vs Slug



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: 3292.122+/-1.290 χ^2/NDF : 160818.2/8

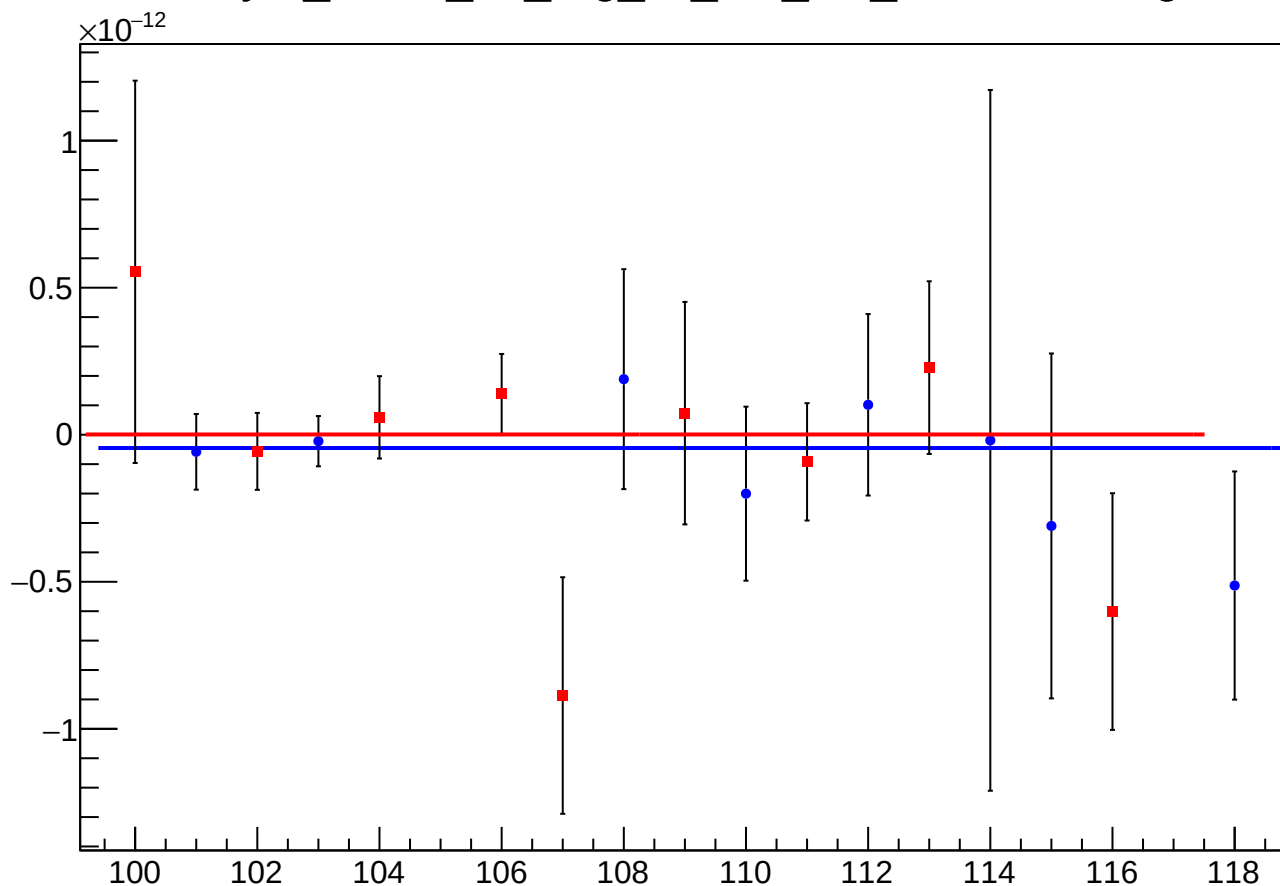
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3398.250+/-0.952 χ^2/NDF : 528851.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/8

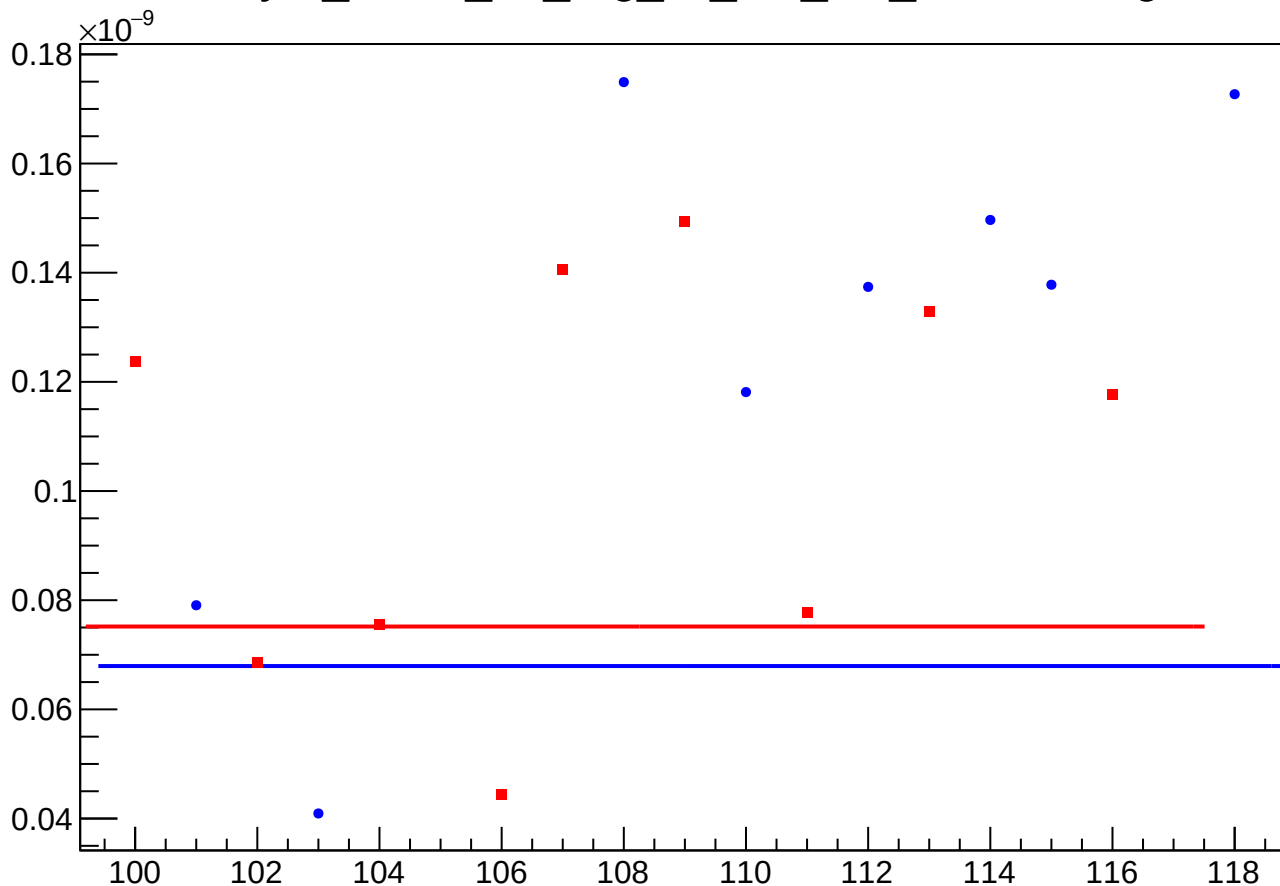
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



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 : 348586.2/8

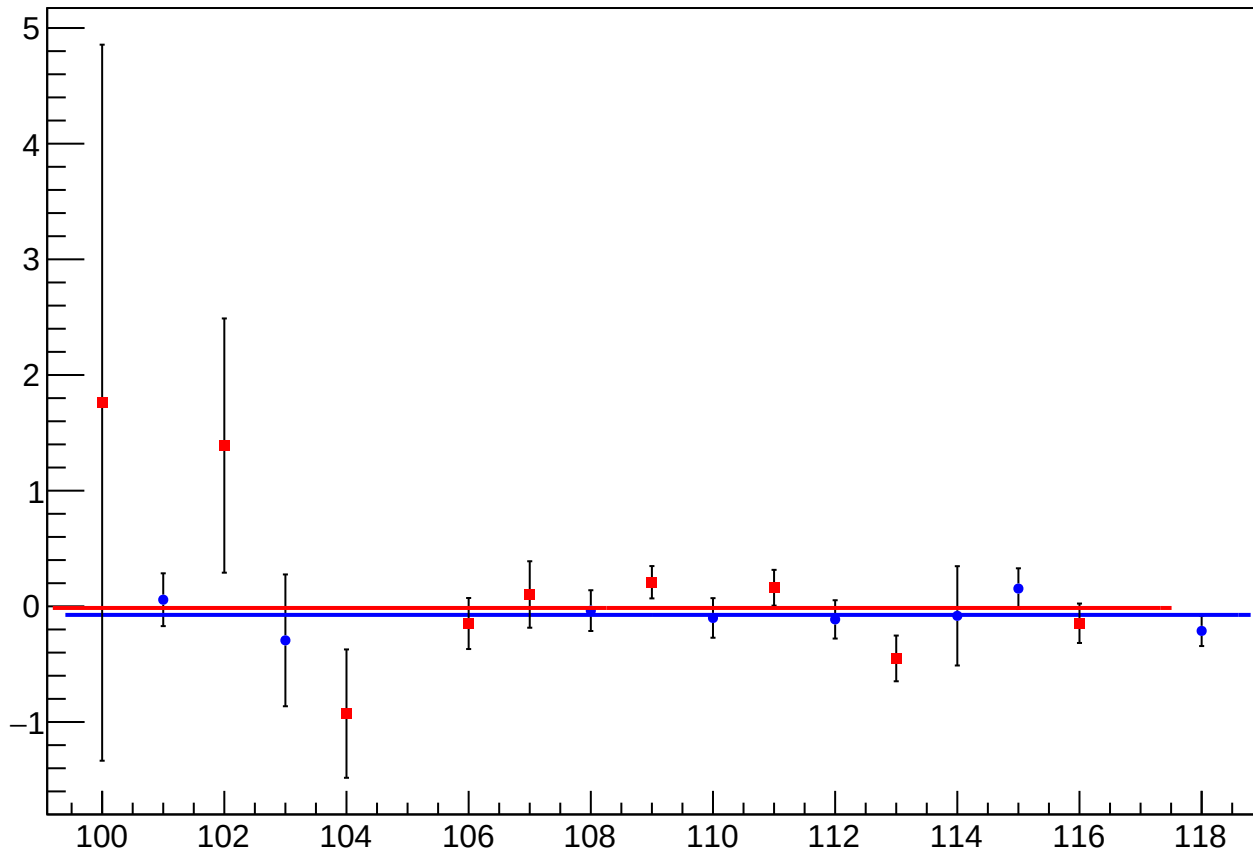
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1081722.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



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 ± 0.073 χ^2/NDF : 14.5/8

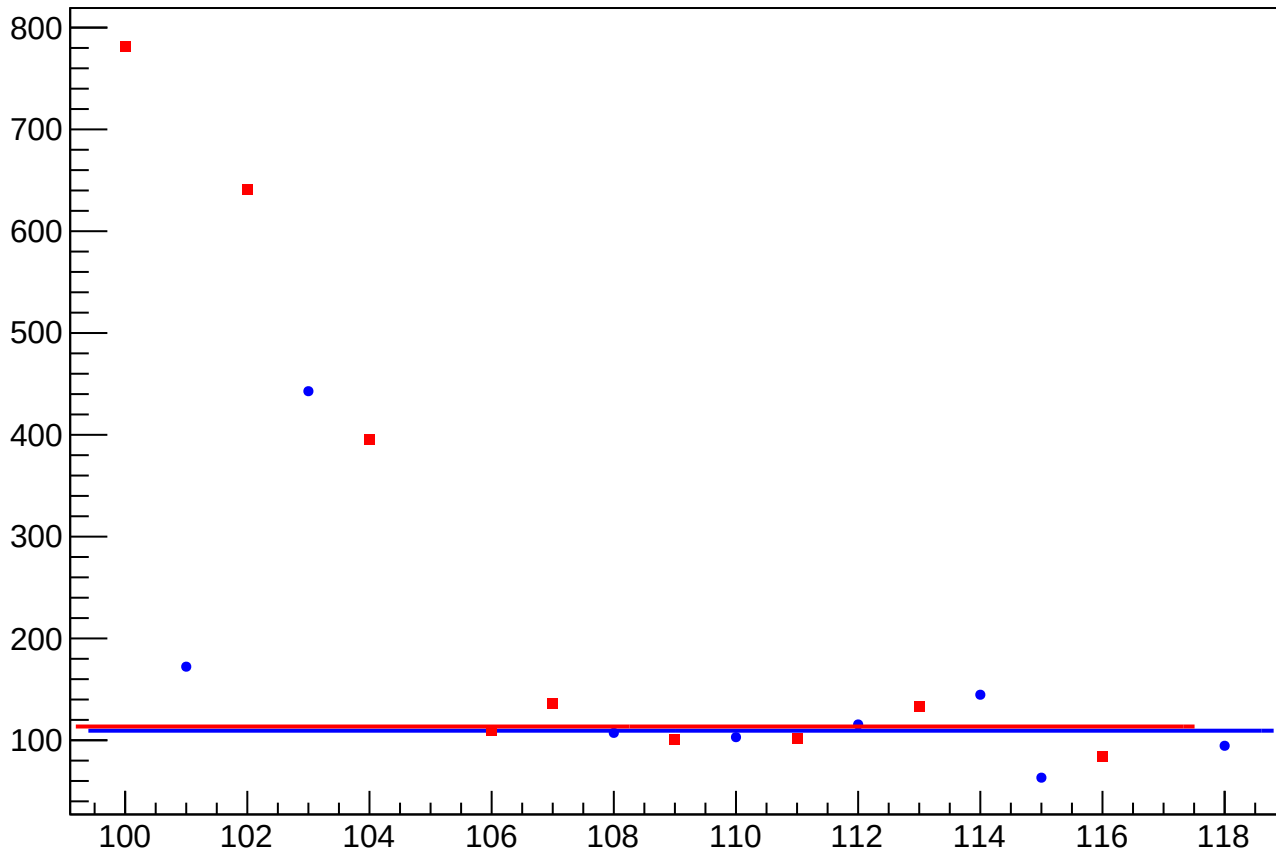
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.049 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



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: 113.489+/-0.051 χ^2/NDF : 1188342.4/8

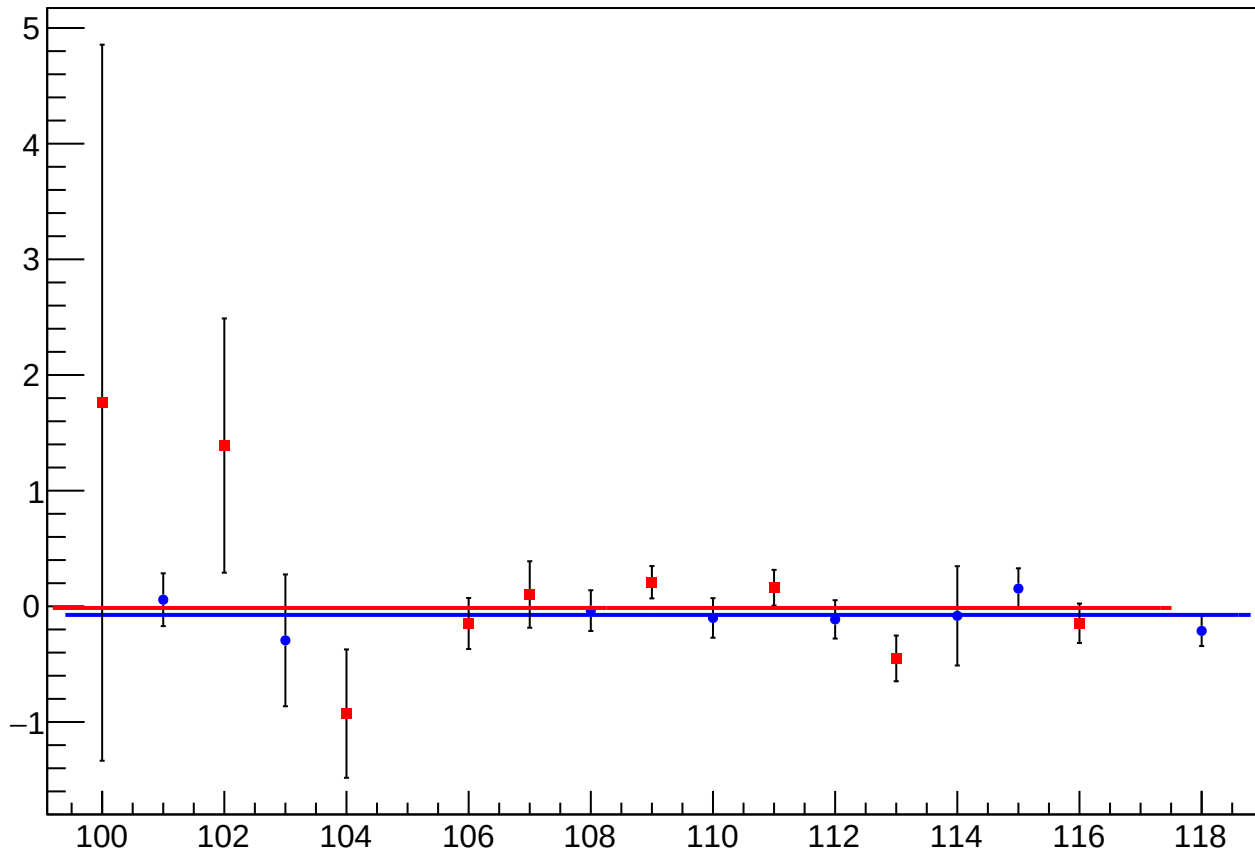
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.278+/-0.035 χ^2/NDF : 2212027.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



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 ± 0.073 χ^2/NDF : 14.5/8

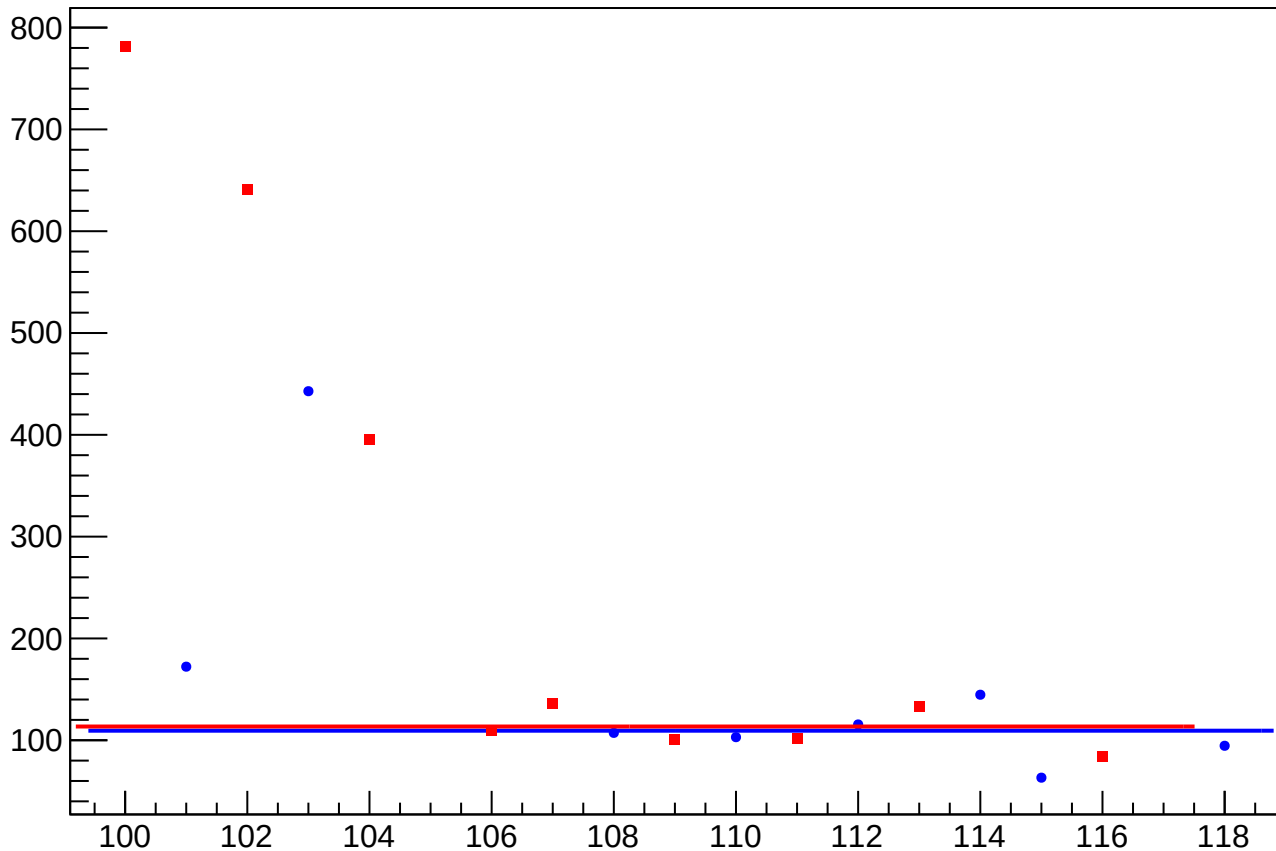
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.049 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 113.489+/-0.051 χ^2/NDF : 1188342.4/8

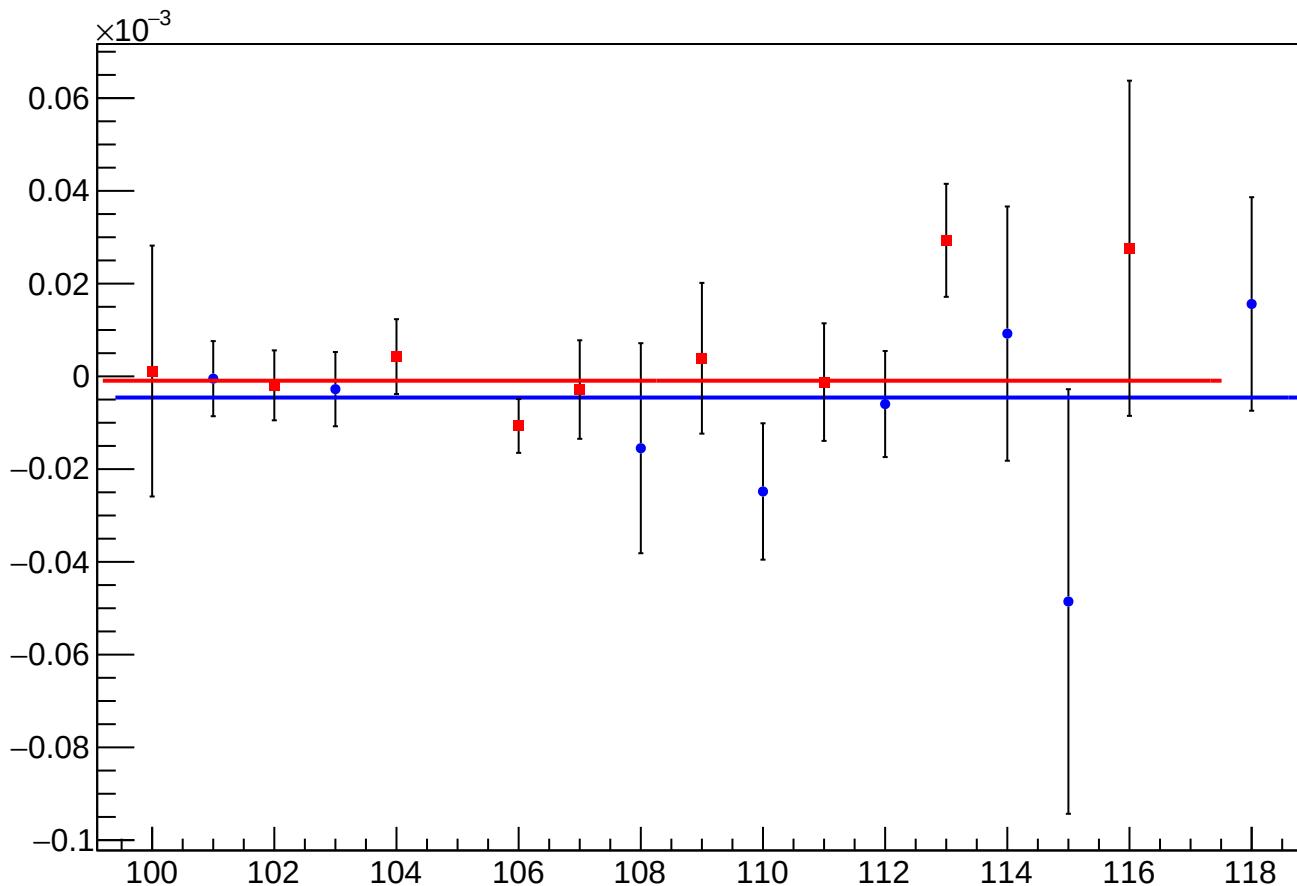
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.278+/-0.035 χ^2/NDF : 2212027.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 10.2/8

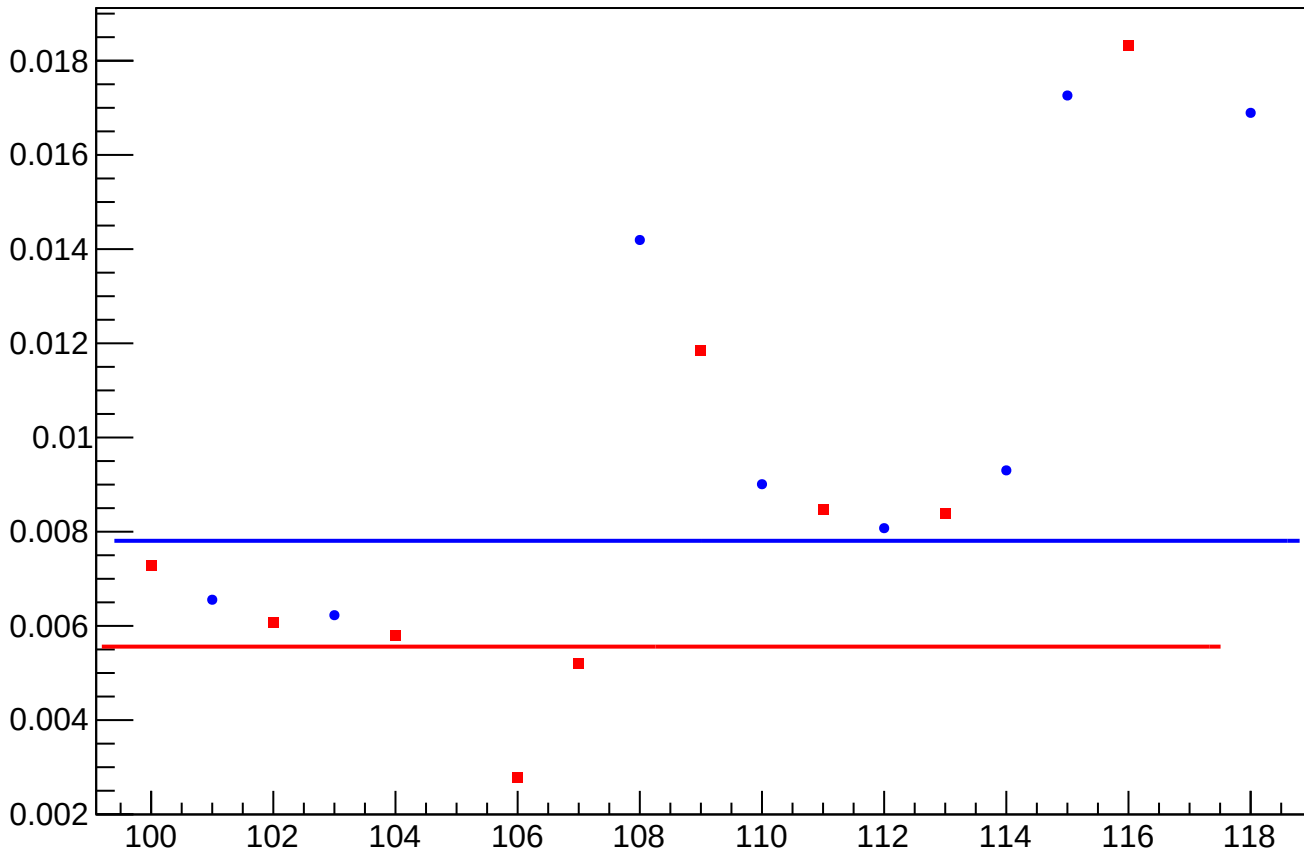
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 15.0/16

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1242658.9/8

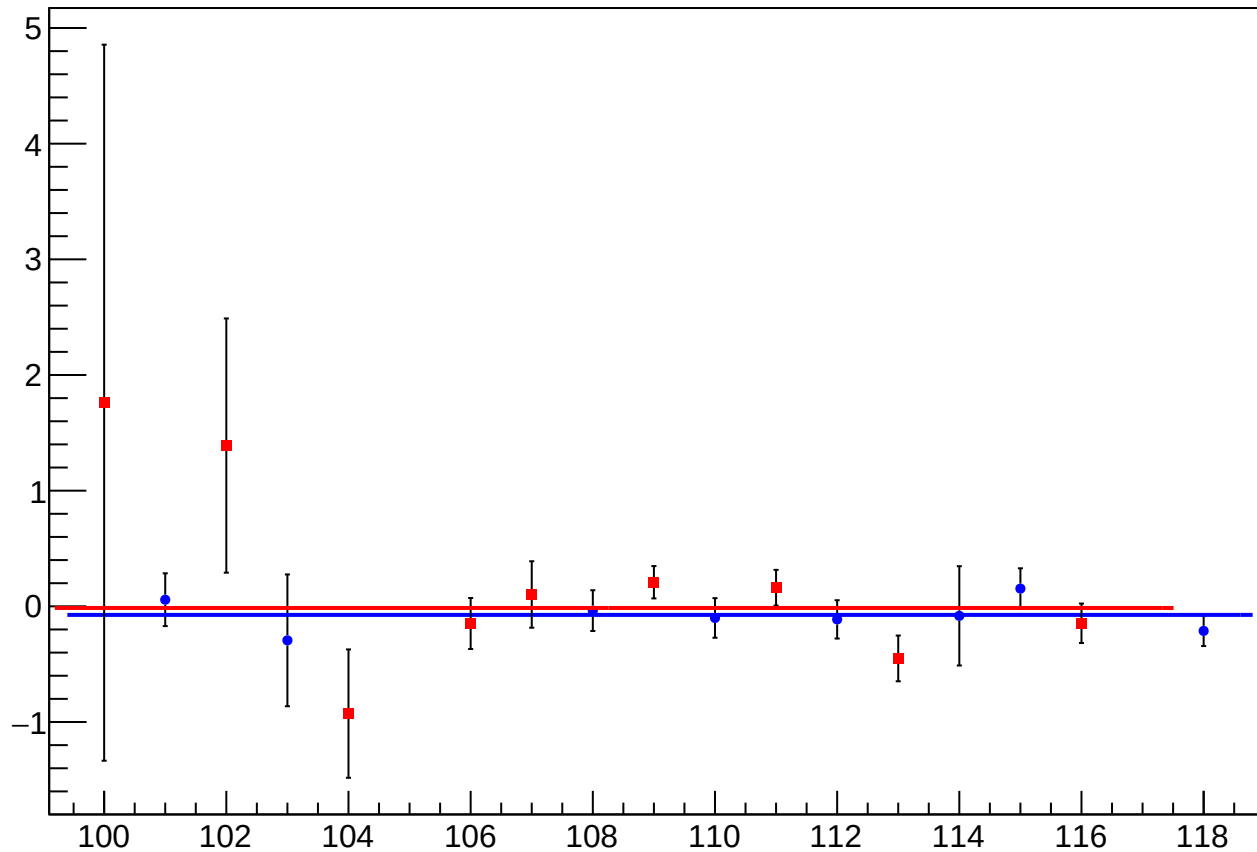
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2264392.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



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 ± 0.073 χ^2/NDF : 14.5/8

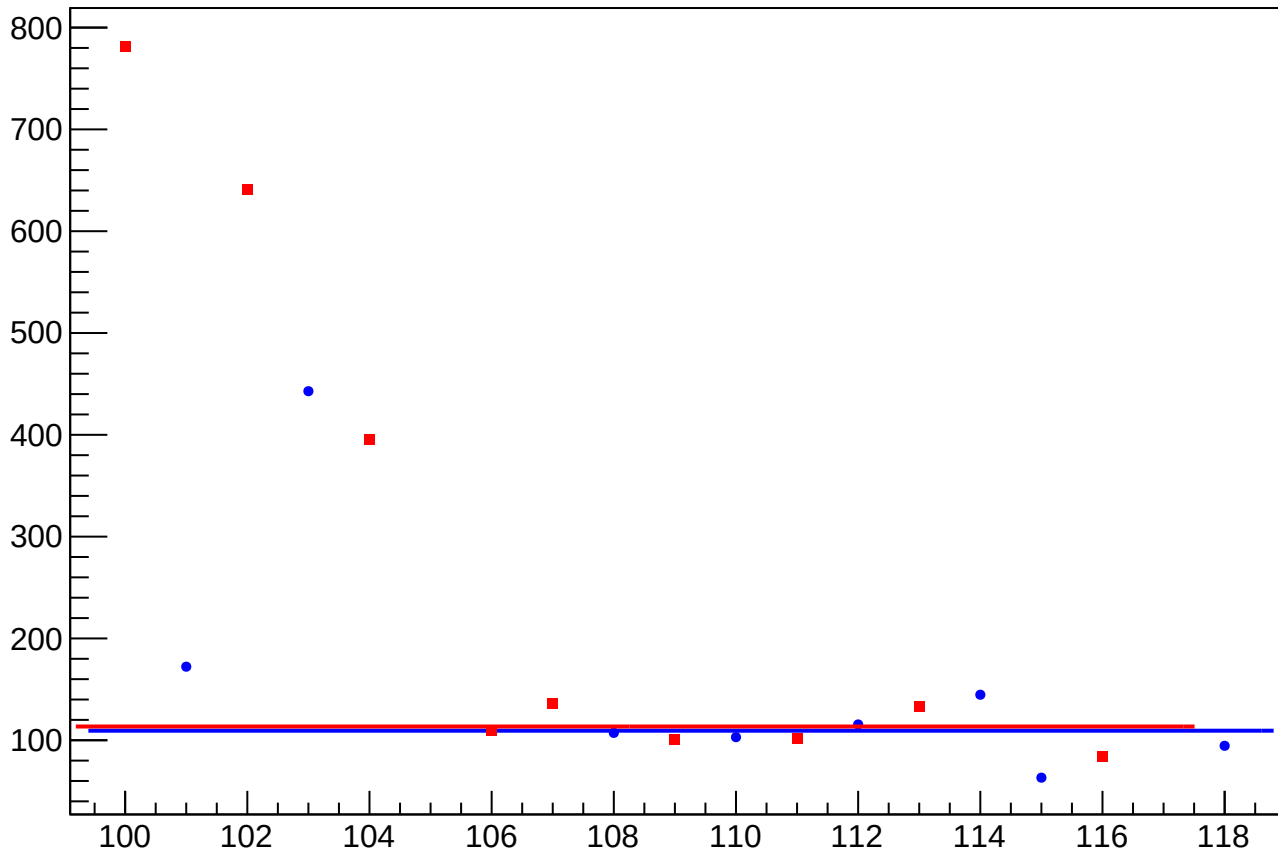
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.049 χ^2/NDF : 18.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 109.382 $\pm$ 0.048 χ^2 /NDF: 1020212.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 113.493 $\pm$ 0.051 χ^2 /NDF: 1188293.7/8

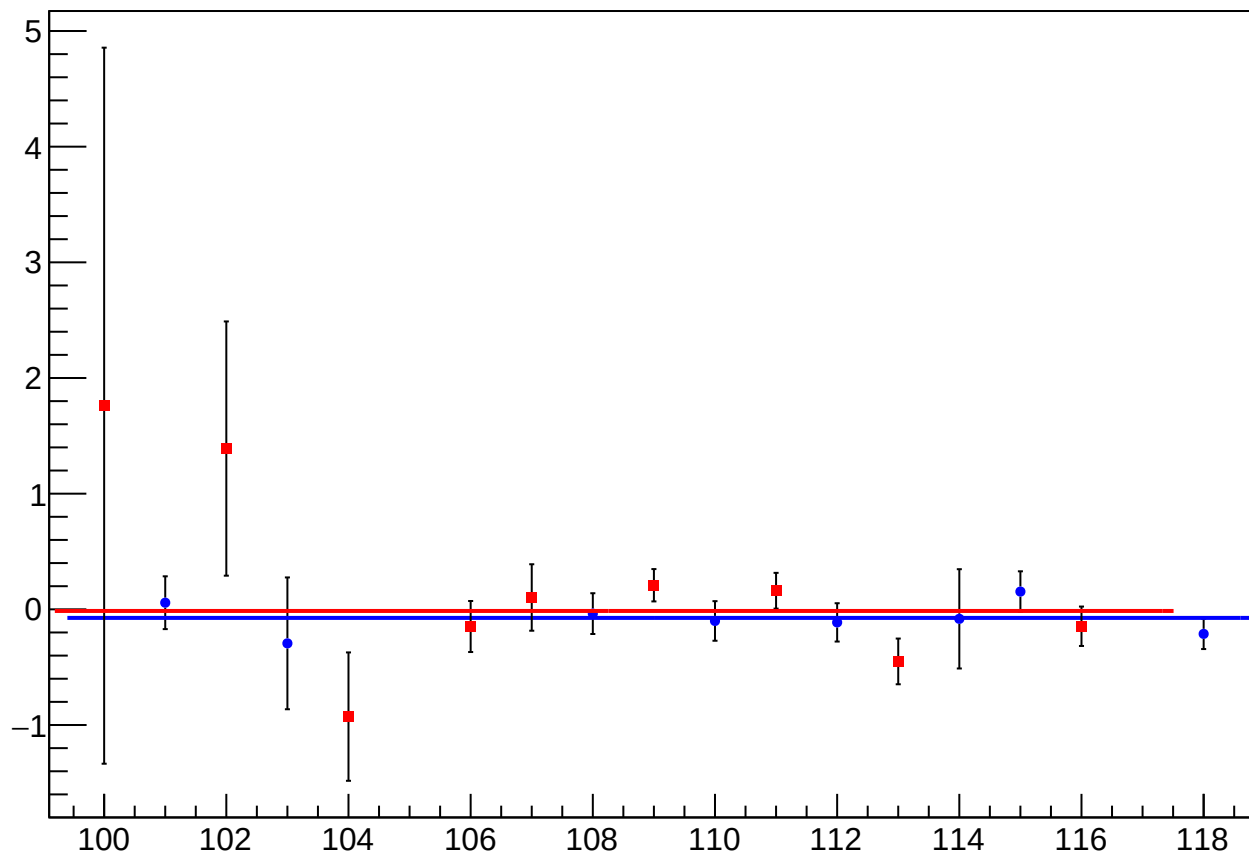
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.280 $\pm$ 0.035 χ^2 /NDF: 2211959.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.074 $\pm$ 0.067 χ^2 /NDF: 3.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.014 $\pm$ 0.073 χ^2 /NDF: 14.5/8

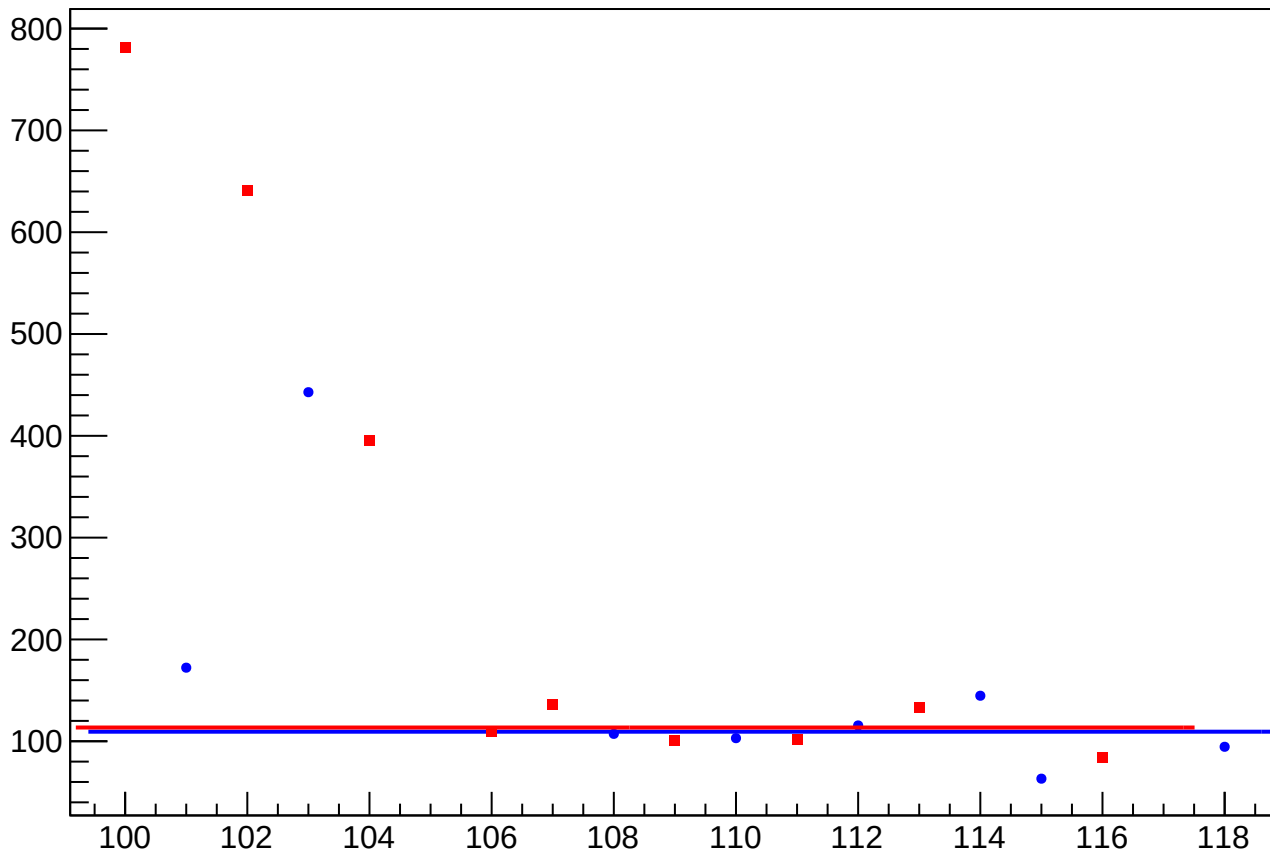
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.046 $\pm$ 0.049 χ^2 /NDF: 18.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 113.493+/-0.051 χ^2/NDF : 1188293.7/8

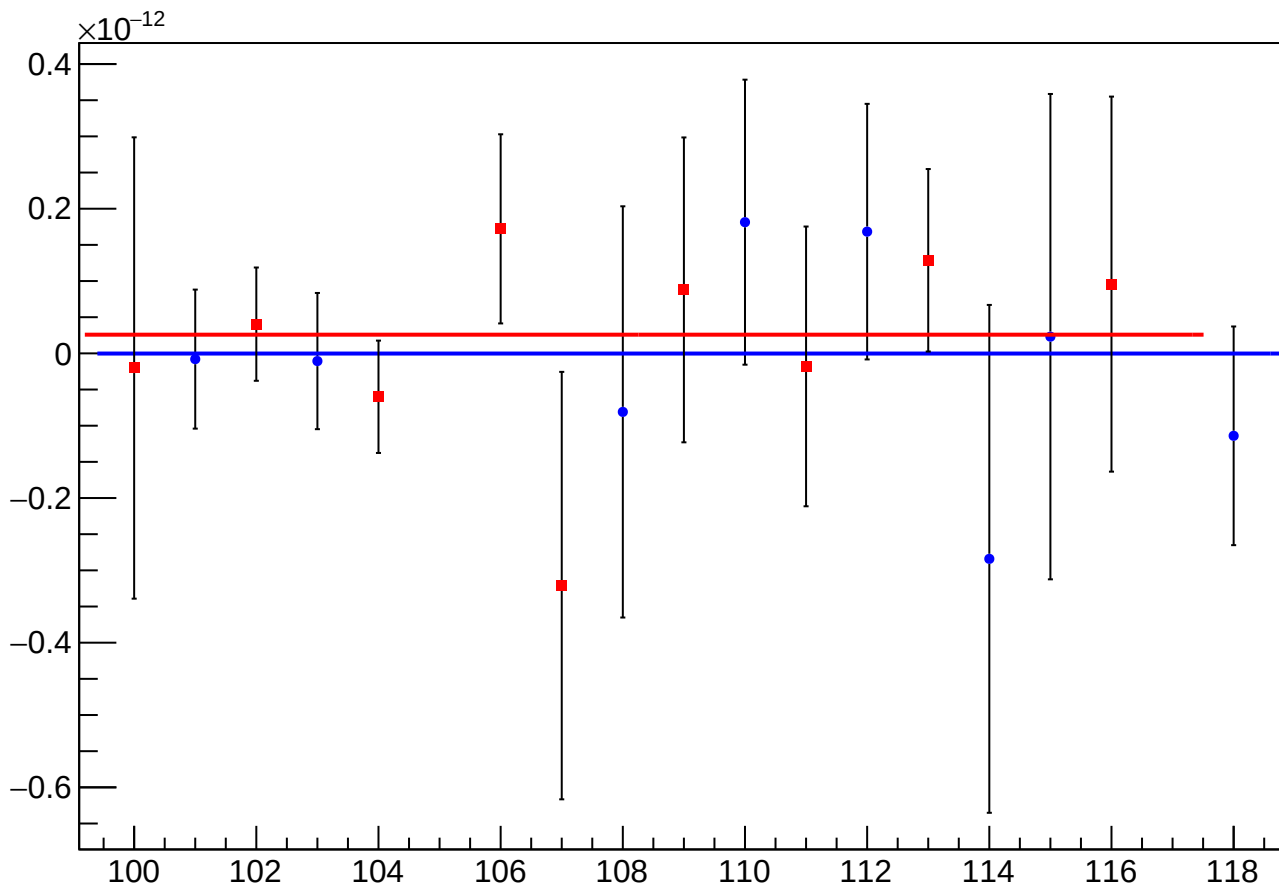
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.280+/-0.035 χ^2/NDF : 2211959.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.8/8

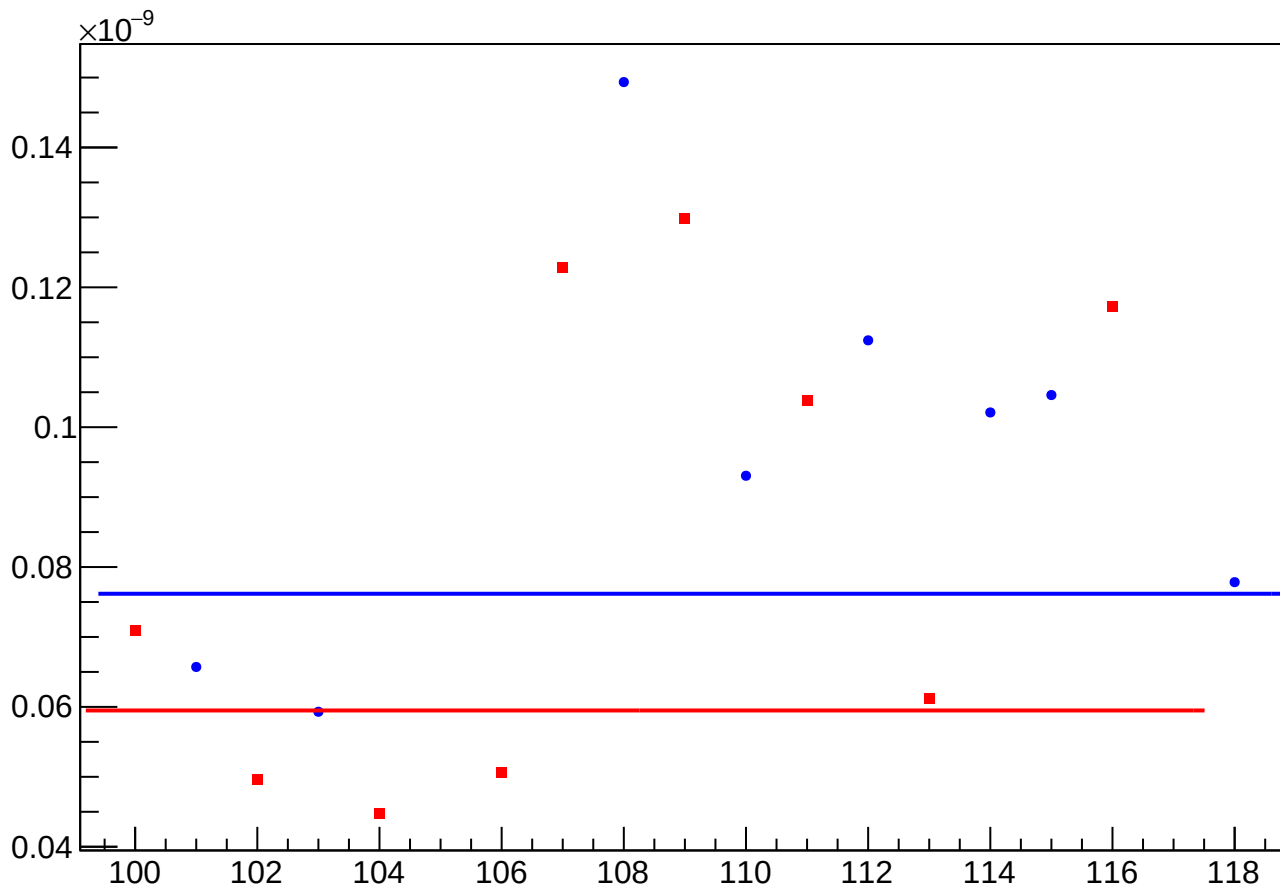
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 635800.1/8

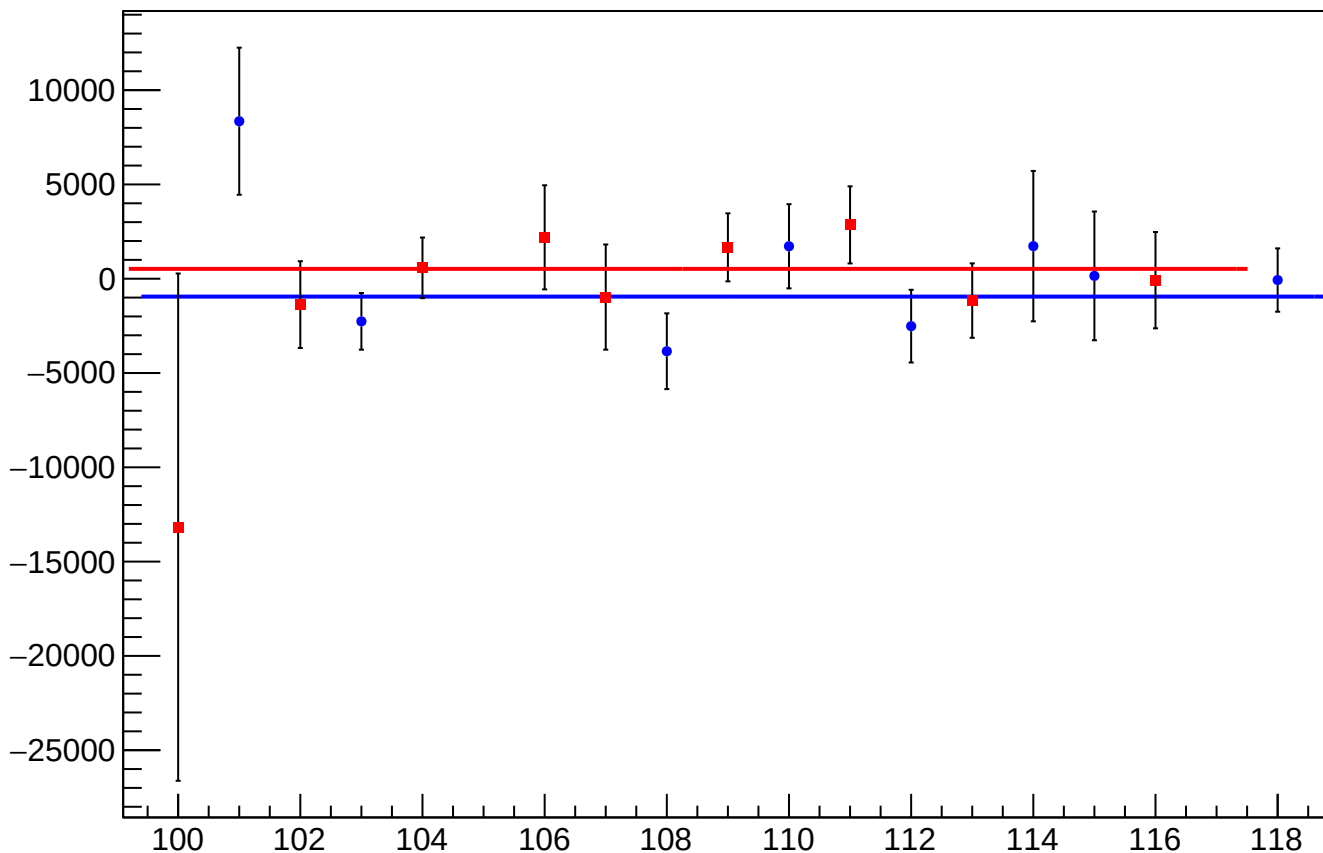
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1098907.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



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: 522.385+/-745.706 χ^2 /NDF: 4.9/8

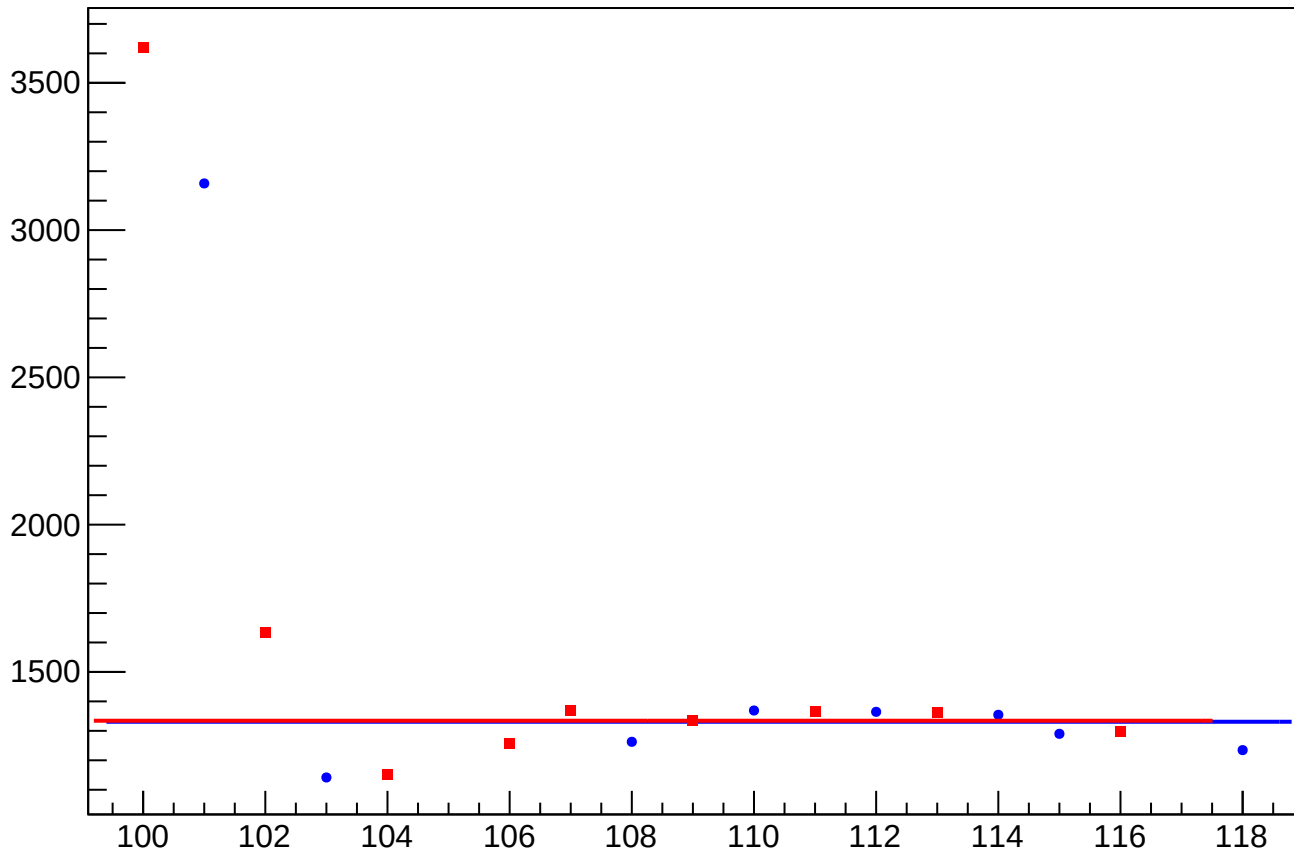
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -198.363+/-532.388 χ^2 /NDF: 18.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



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: 1334.347+/-0.524 χ^2/NDF : 121241.8/8

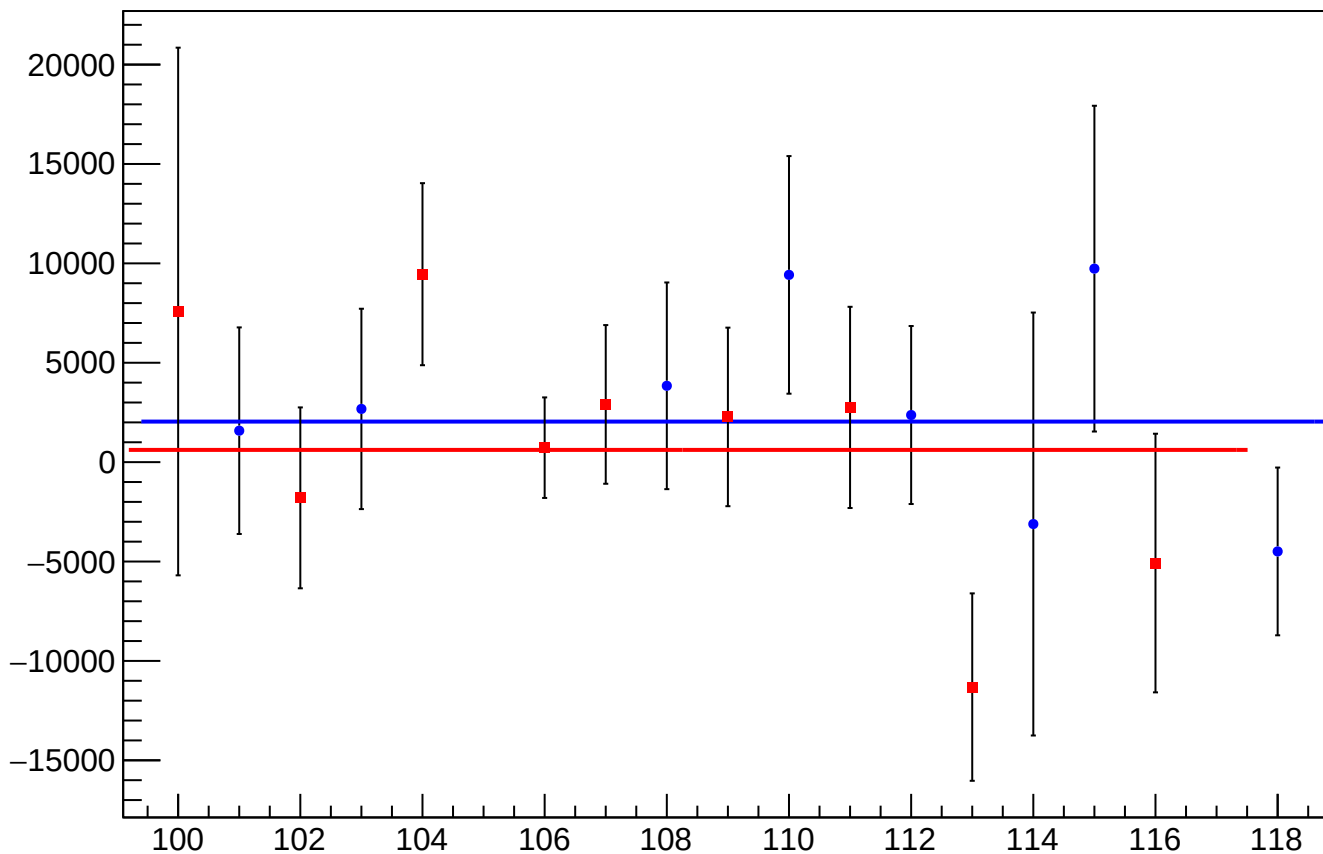
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1332.645+/-0.375 χ^2/NDF : 602568.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



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: 615.653+/-1446.355 χ^2/NDF : 12.1/8

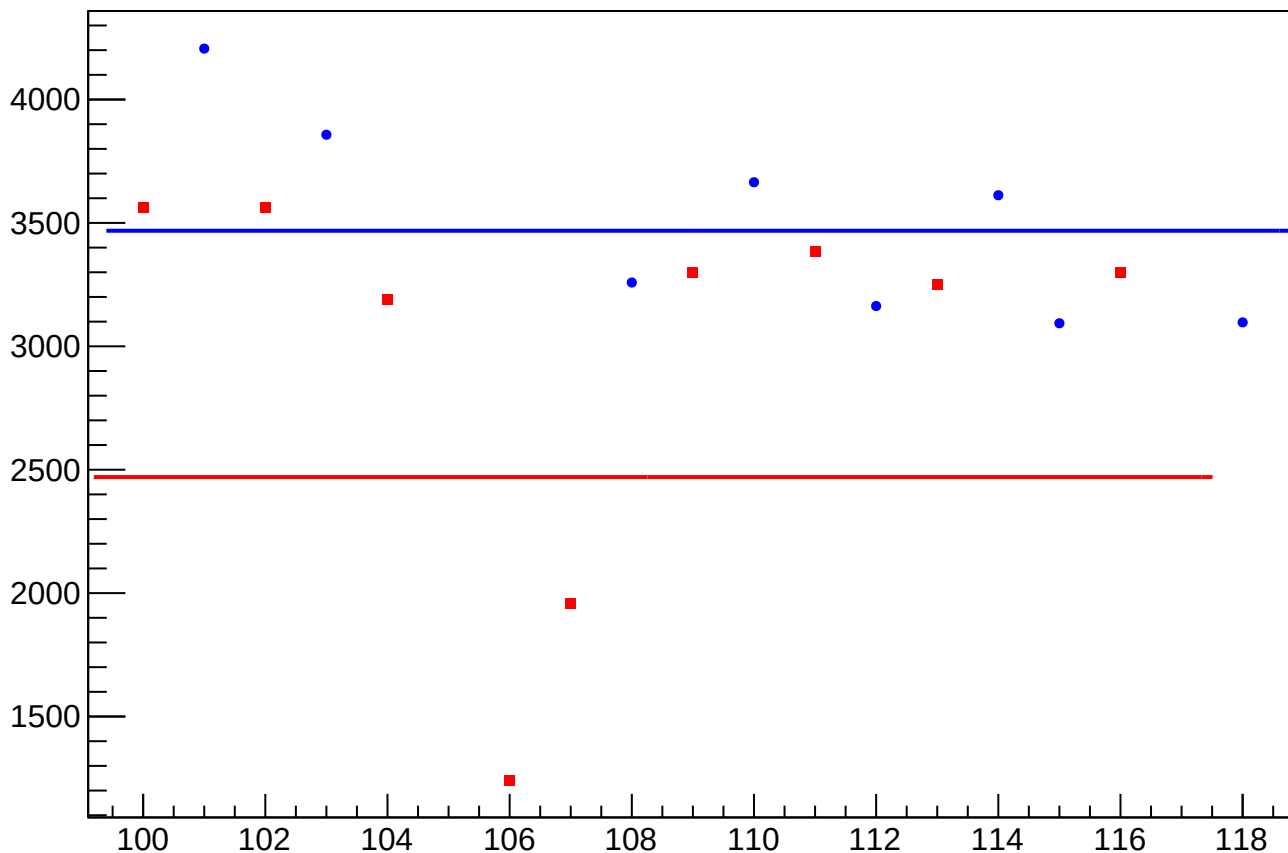
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.321+/-1155.317 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3468.347 $\pm$ 1.358 χ^2 /NDF: 87021.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2470.307 $\pm$ 1.023 χ^2 /NDF: 903314.7/8

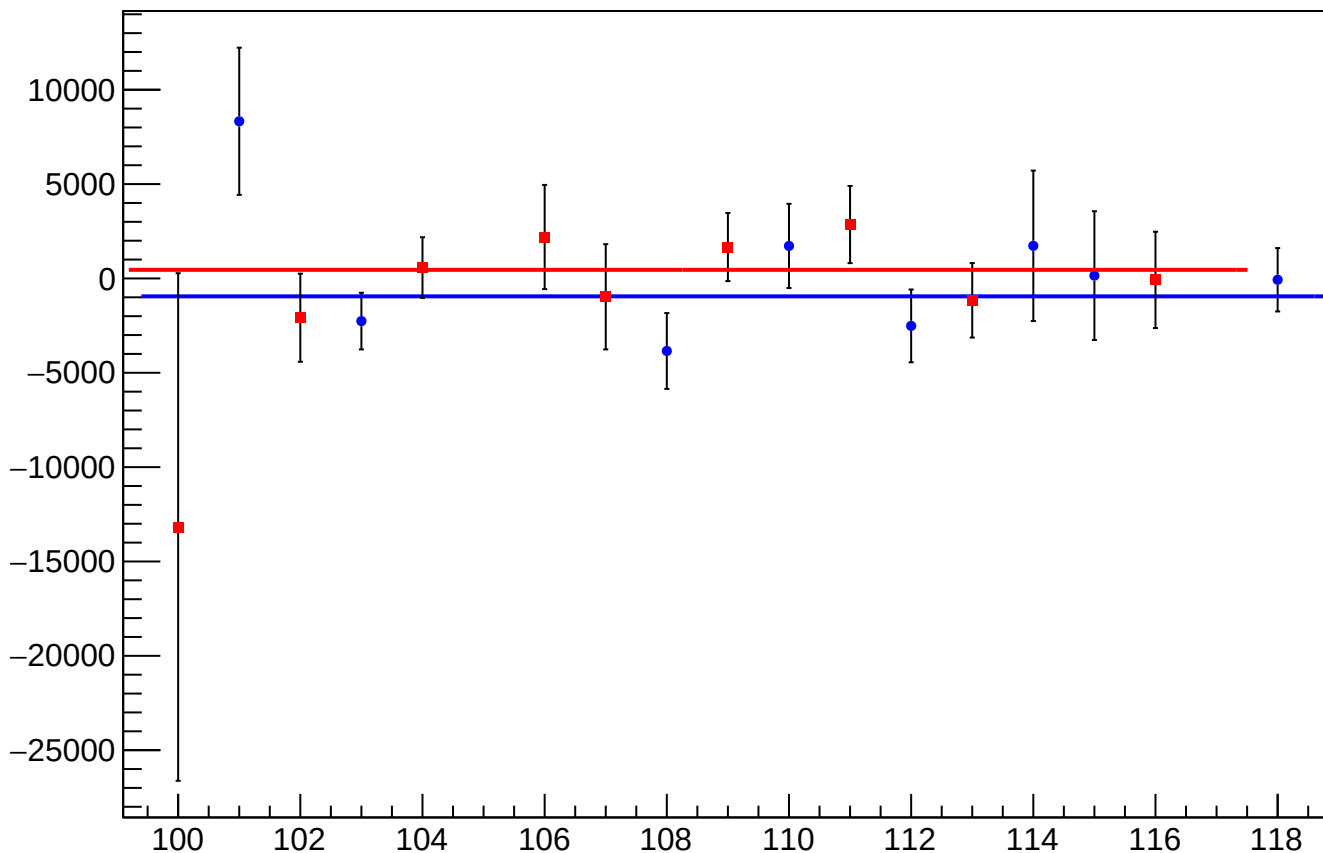
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2831.551 $\pm$ 0.817 χ^2 /NDF: 1335026.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



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: 455.732+/-746.864 χ^2 /NDF: 5.4/8

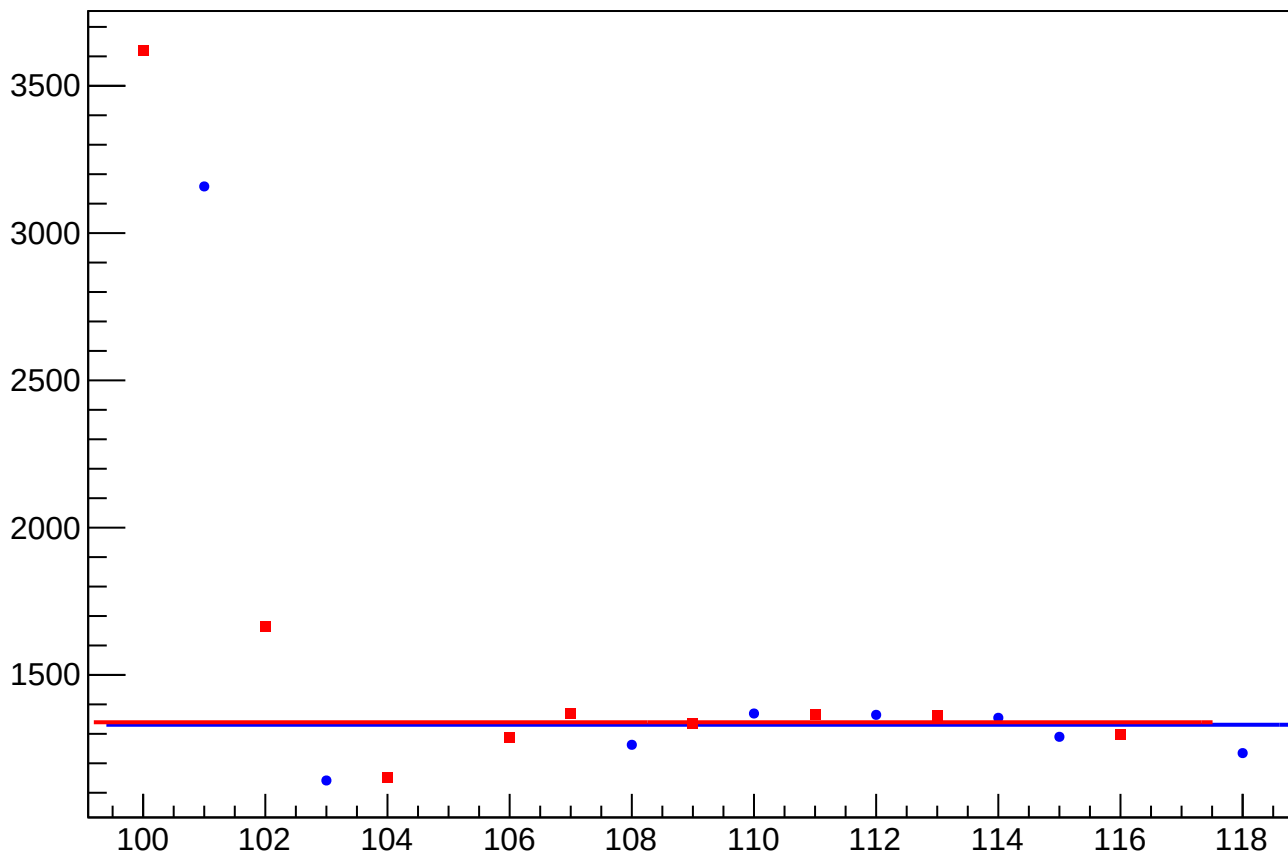
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -233.829+/-532.810 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



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: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

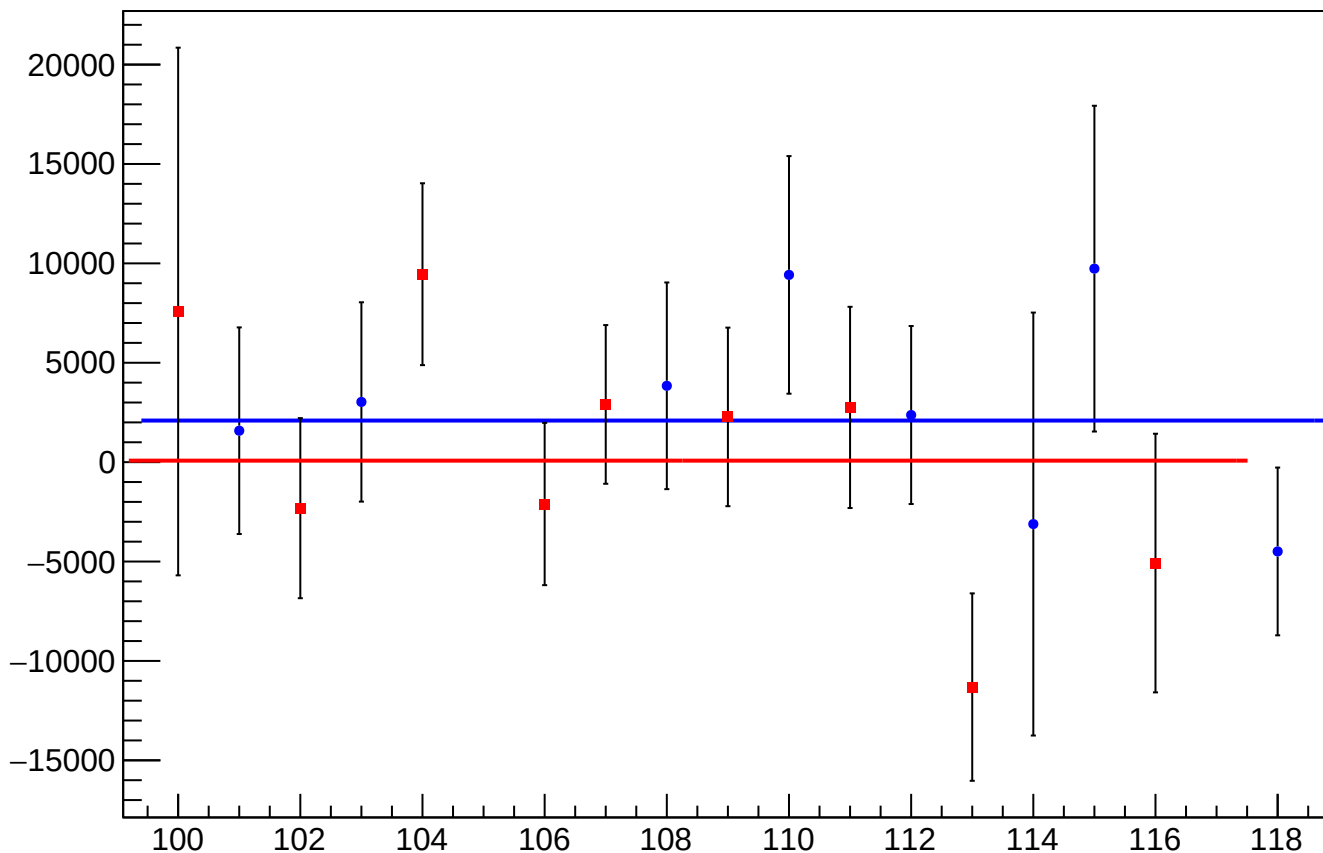
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 2092.588 $\pm$ 1918.942 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.811 $\pm$ 1617.505 χ^2 /NDF: 12.6/8

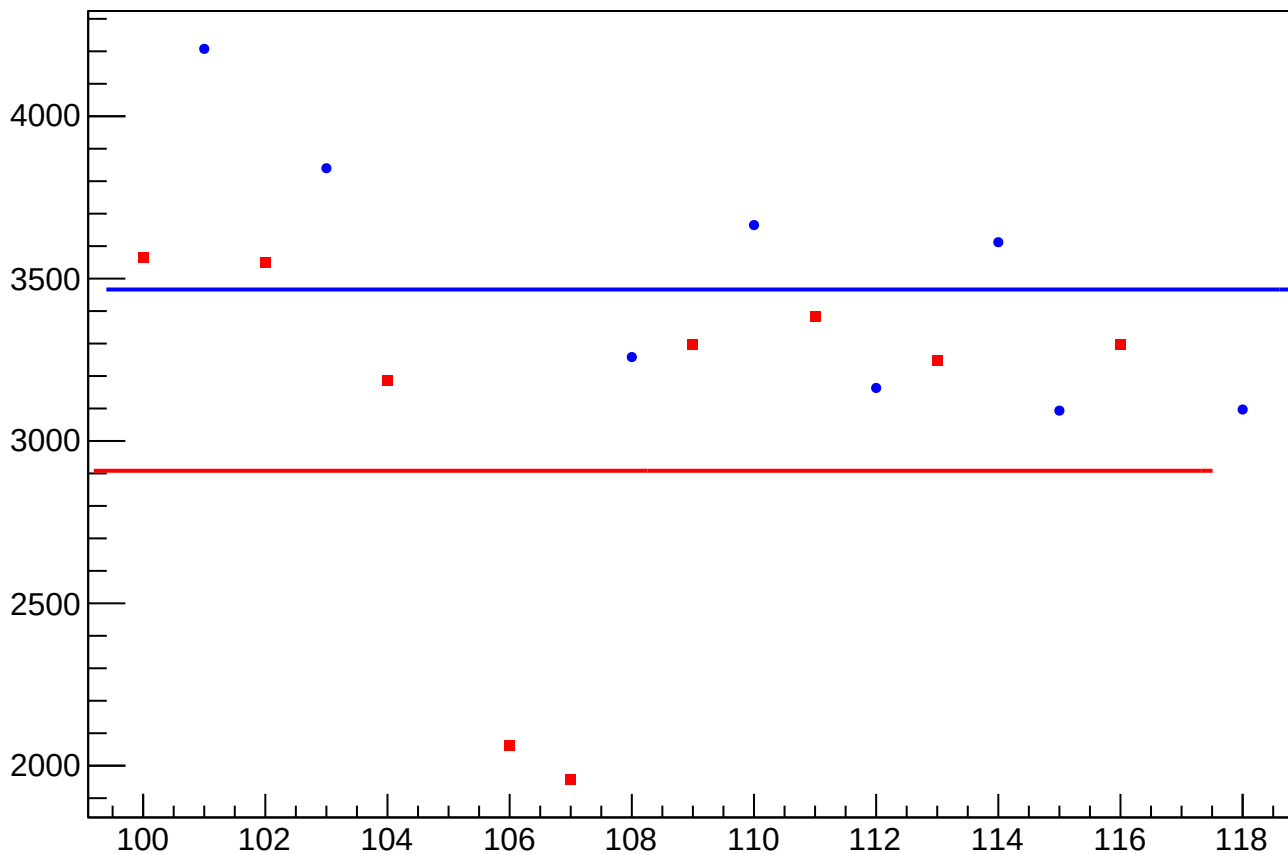
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 913.535 $\pm$ 1236.754 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



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: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

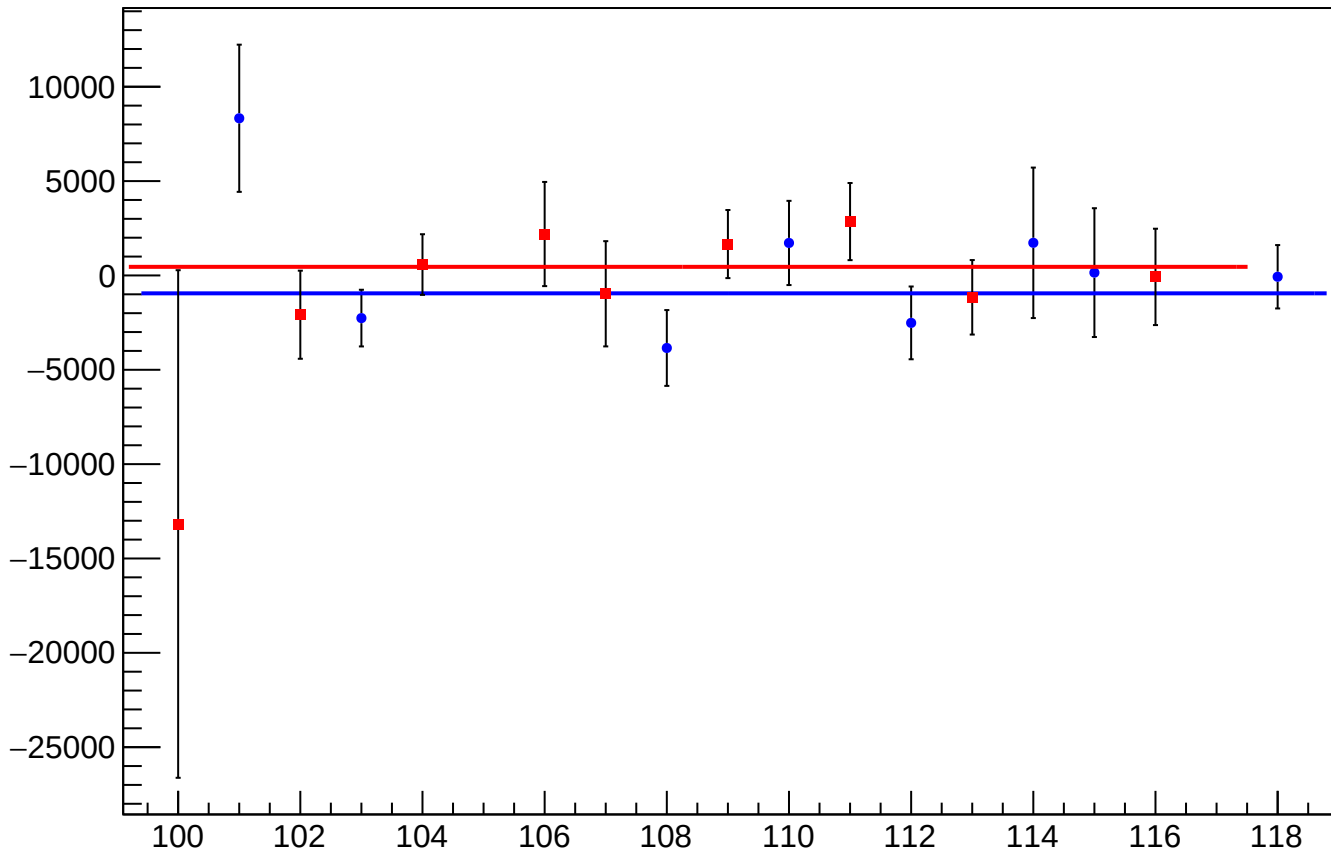
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.150+/-0.875 χ^2/NDF : 487666.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



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: 455.732+/-746.864 χ^2 /NDF: 5.4/8

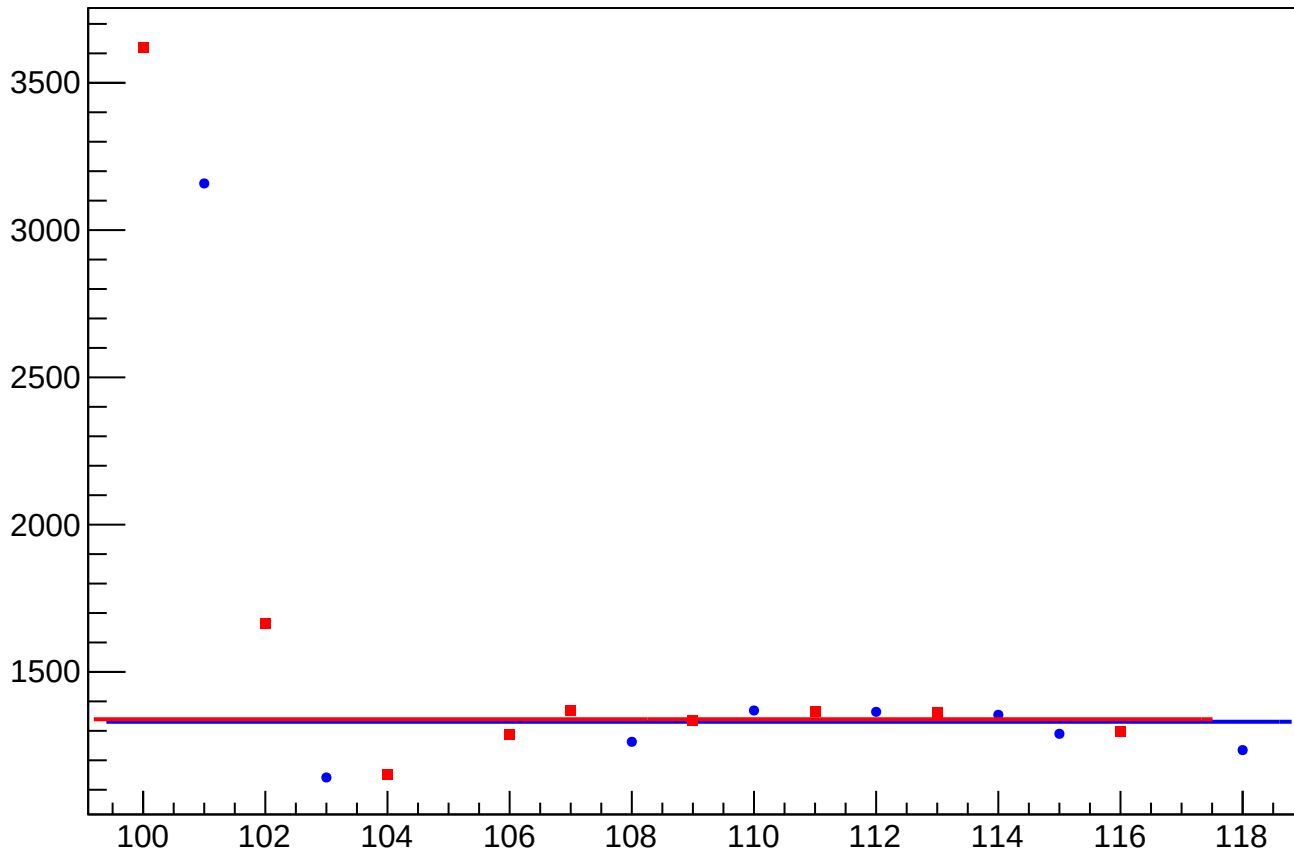
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -233.829+/-532.810 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

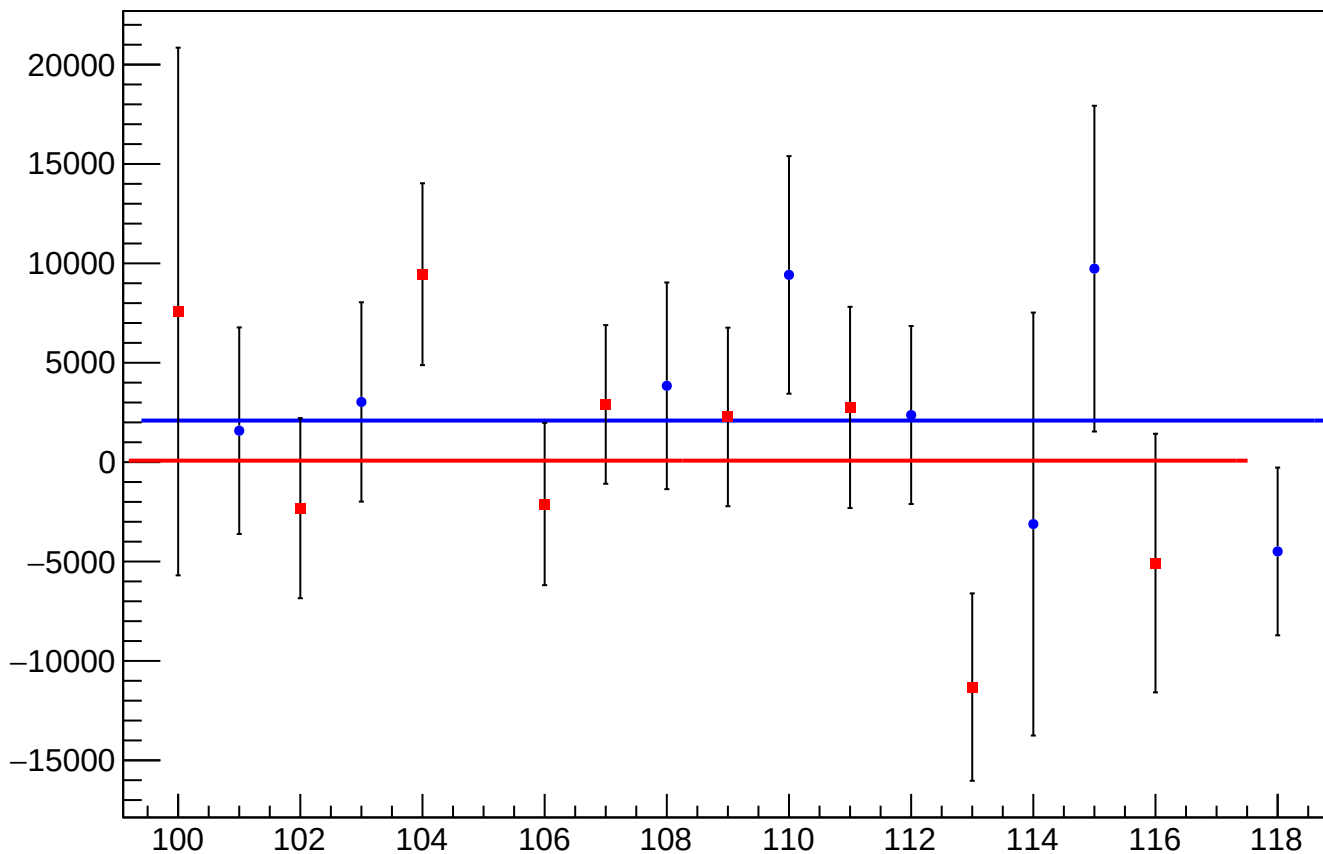
Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 2092.588 $\pm$ 1918.942 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.811 $\pm$ 1617.505 χ^2 /NDF: 12.6/8

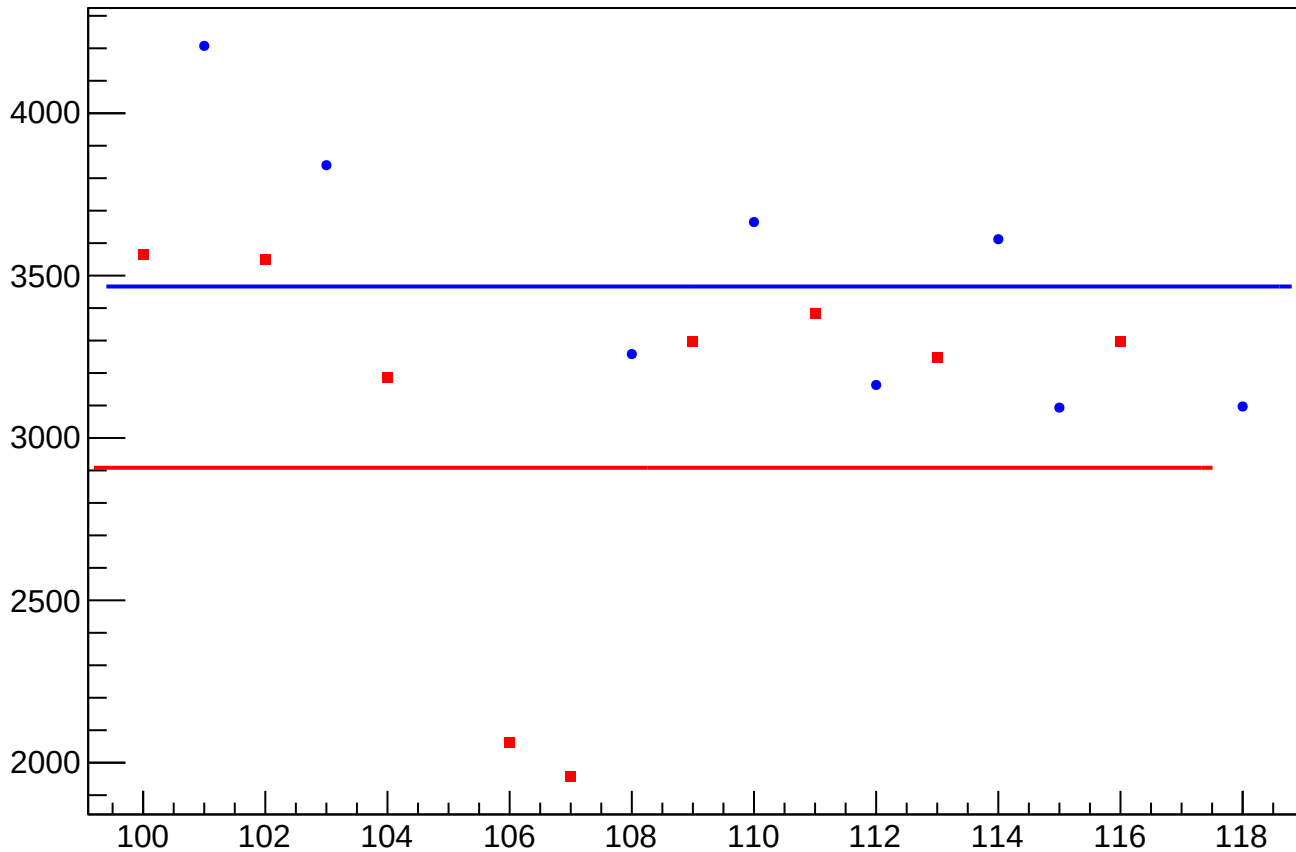
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 913.535 $\pm$ 1236.754 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



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: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

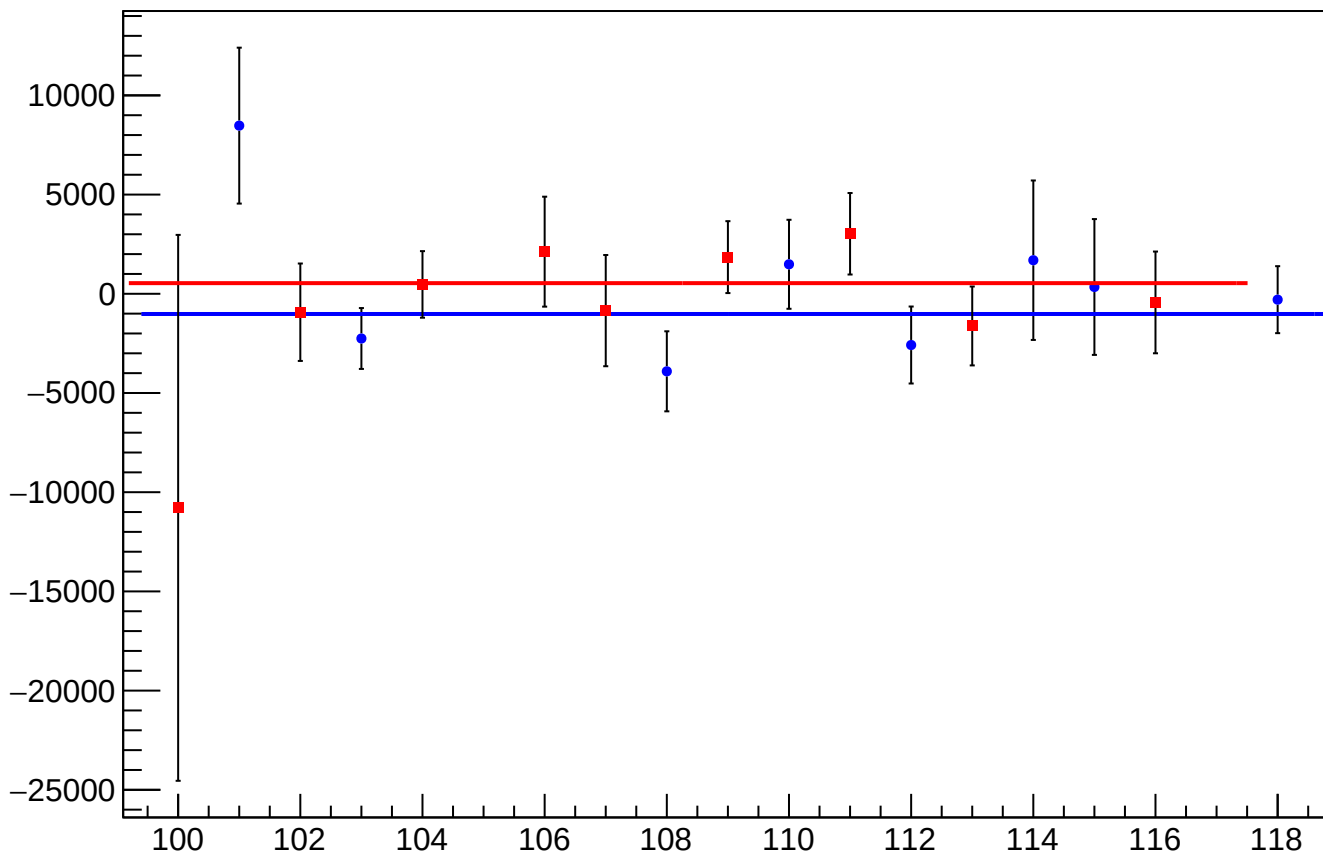
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.150+/-0.875 χ^2/NDF : 487666.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1018.249 $\pm$ 767.356 χ^2 /NDF: 11.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 536.716 $\pm$ 760.116 χ^2 /NDF: 4.9/8

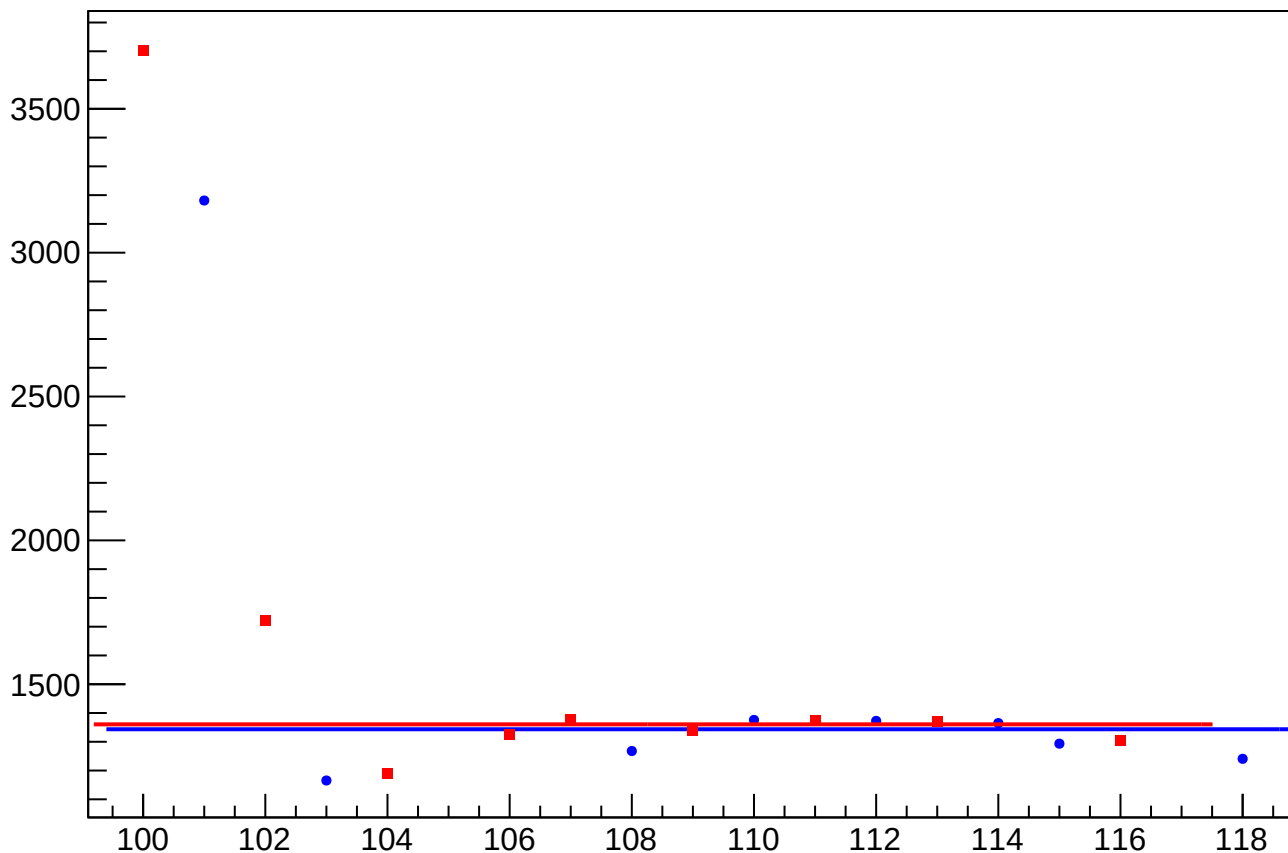
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.397 $\pm$ 540.025 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1343.497 $\pm$ 0.543 χ^2 /NDF: 476053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.542 $\pm$ 0.537 χ^2 /NDF: 123562.7/8

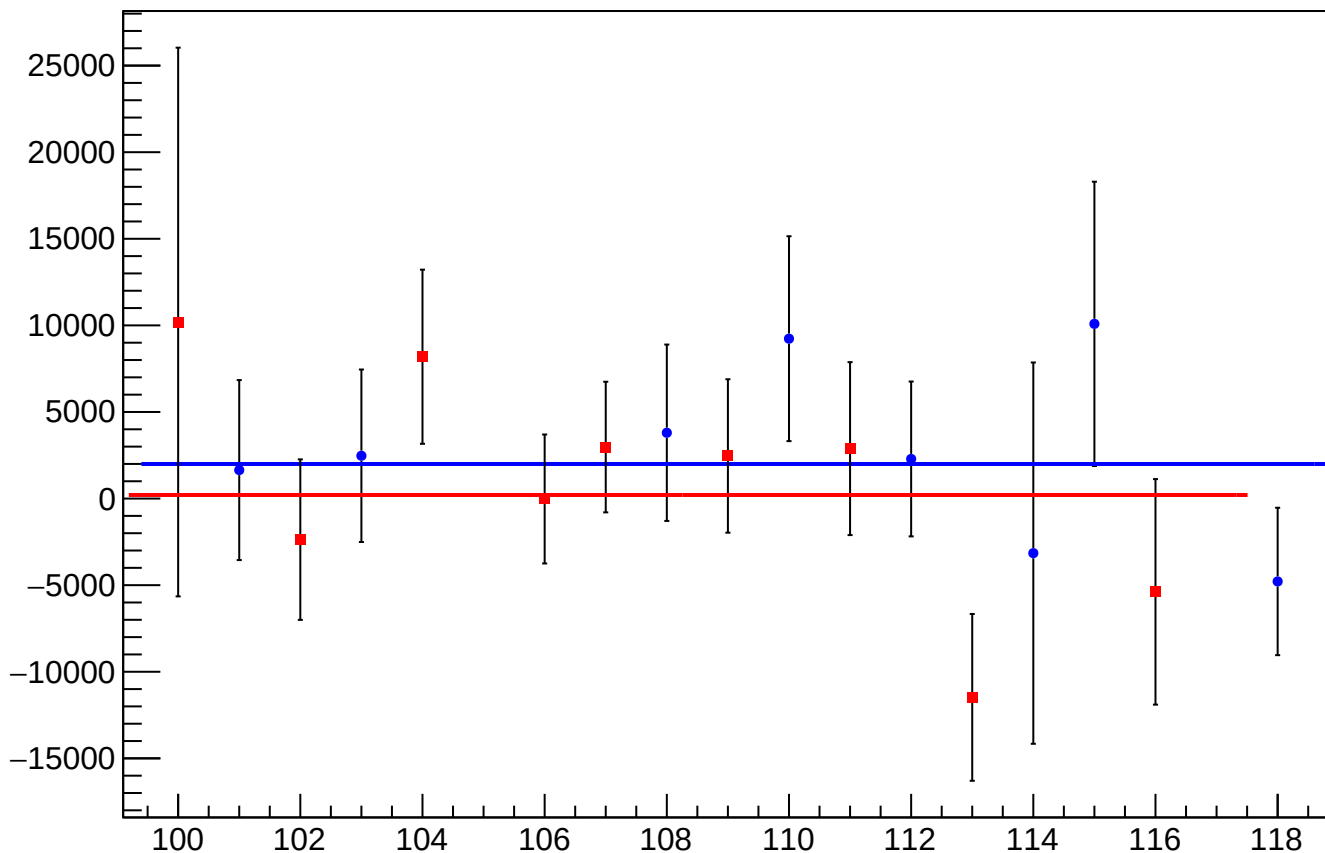
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.116 $\pm$ 0.382 χ^2 /NDF: 600114.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



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: 207.541+/-1600.548 χ^2/NDF : 10.9/8

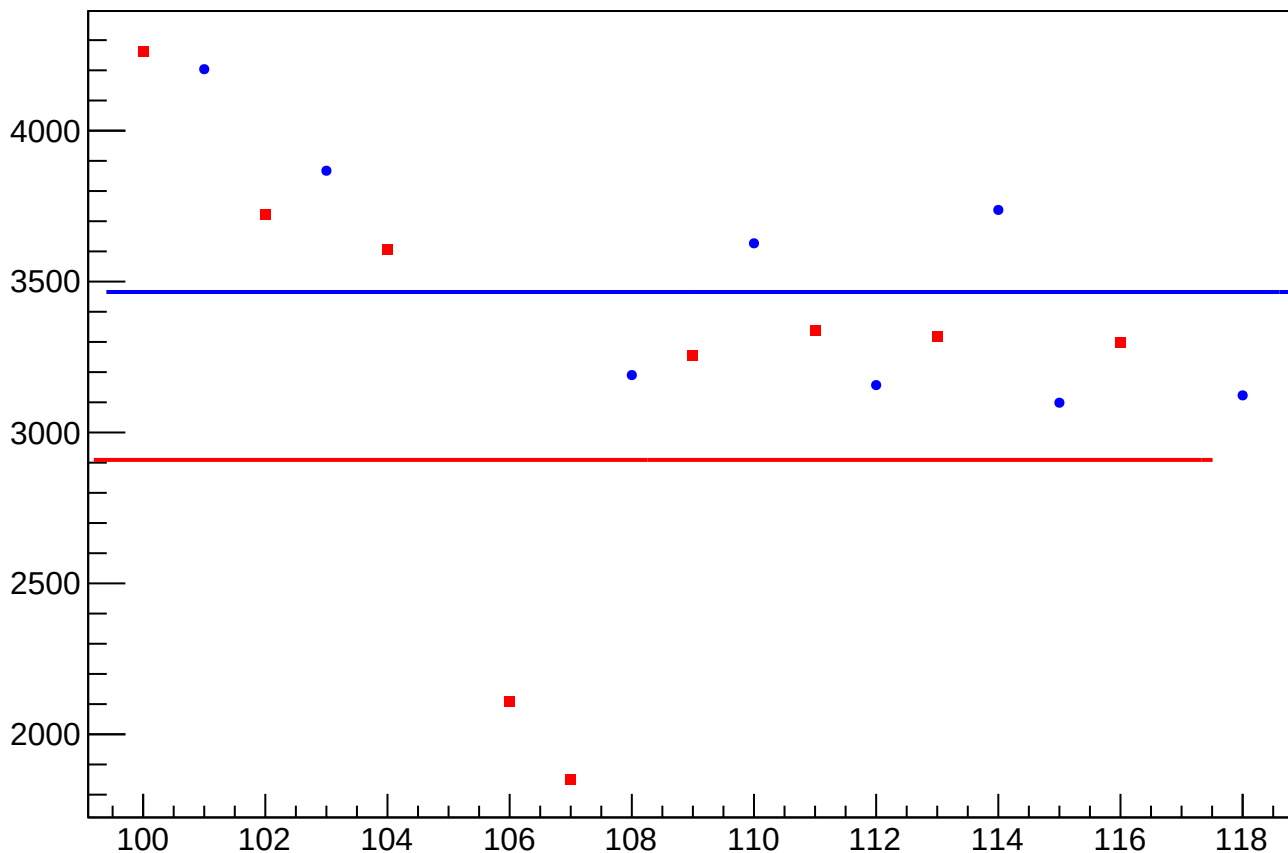
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.930 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3465.464+/-1.354 χ^2/NDF : 88418.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

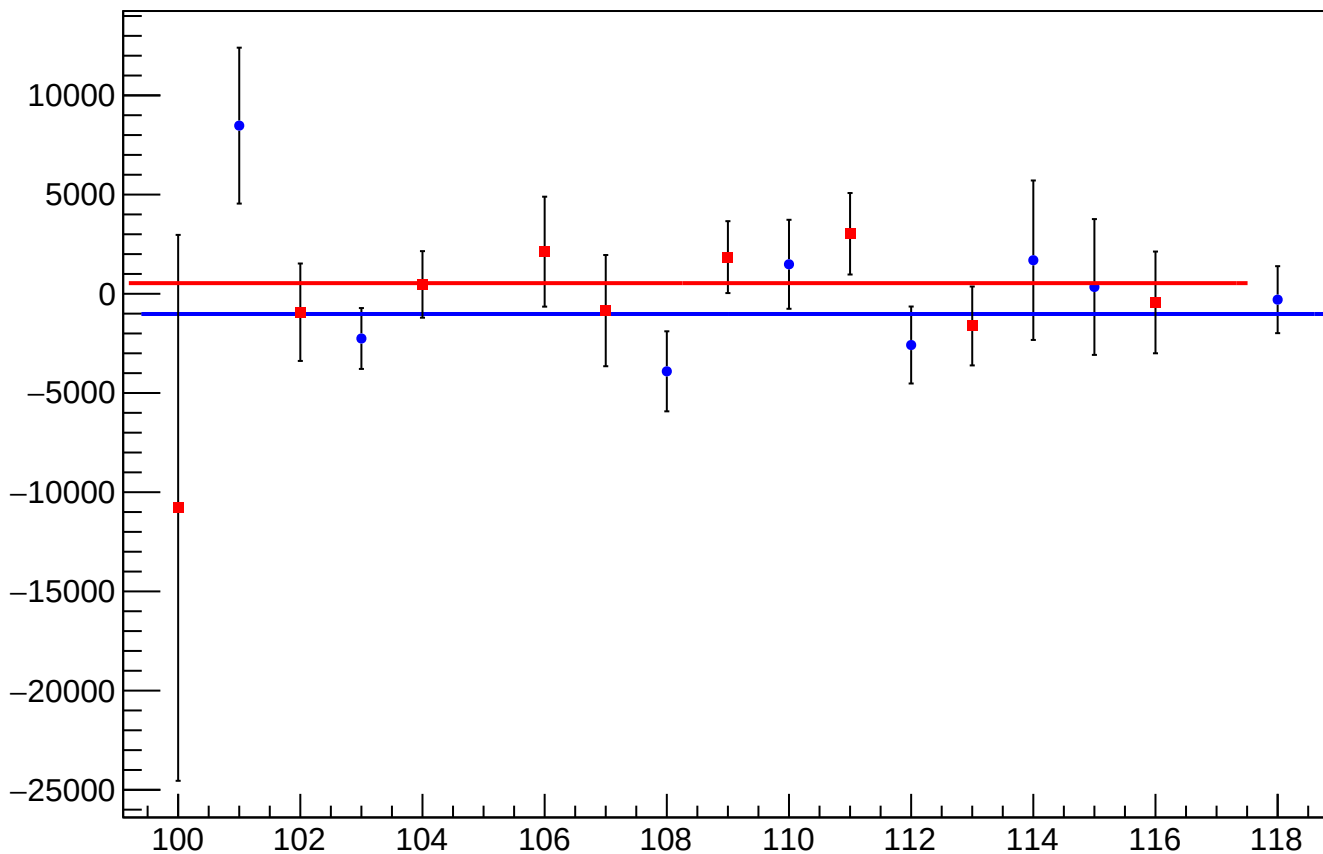
Right Out: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

All: 3138.003+/-0.868 χ^2/NDF : 601762.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1018.252 $\pm$ 767.356 χ^2 /NDF: 11.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 536.726 $\pm$ 760.116 χ^2 /NDF: 4.9/8

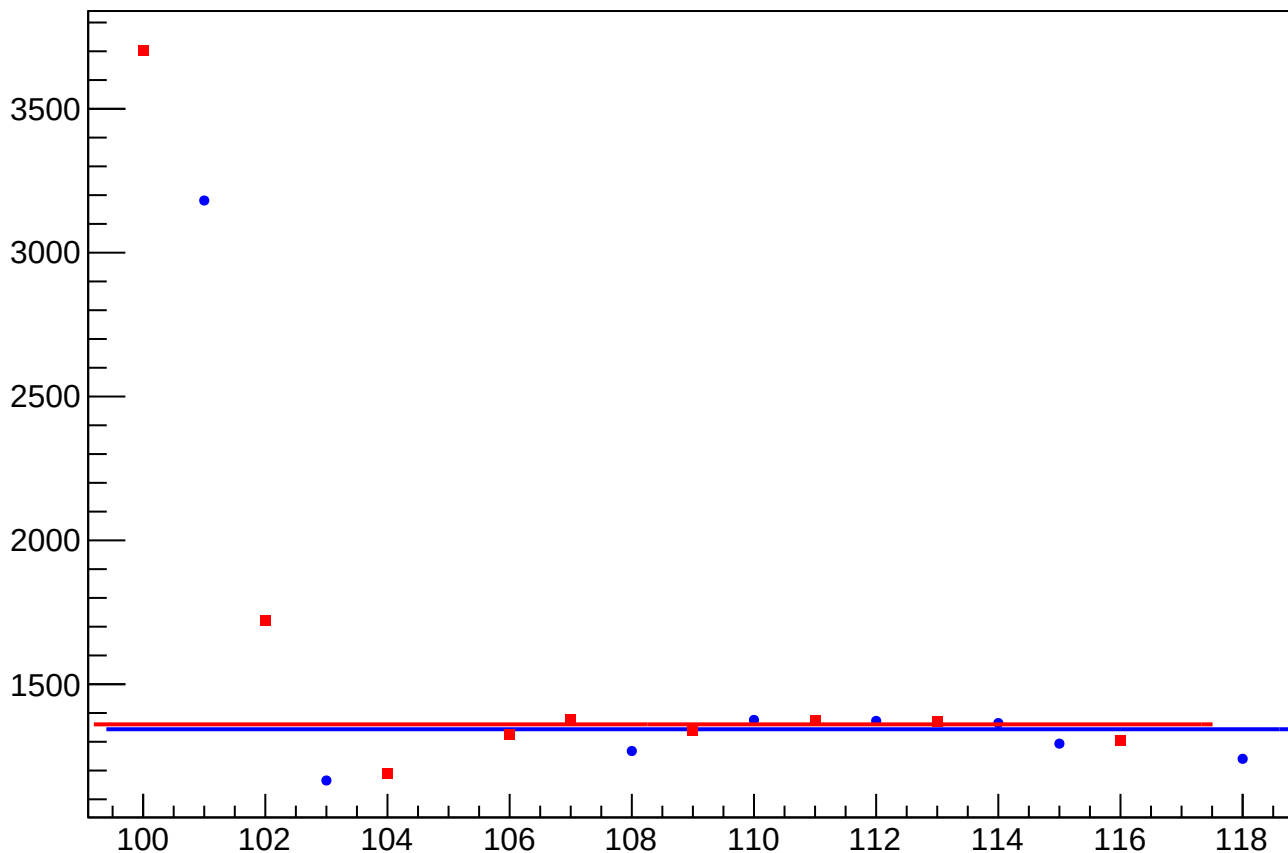
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.393 $\pm$ 540.025 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



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: 1360.542+/-0.537 χ^2/NDF : 123562.7/8

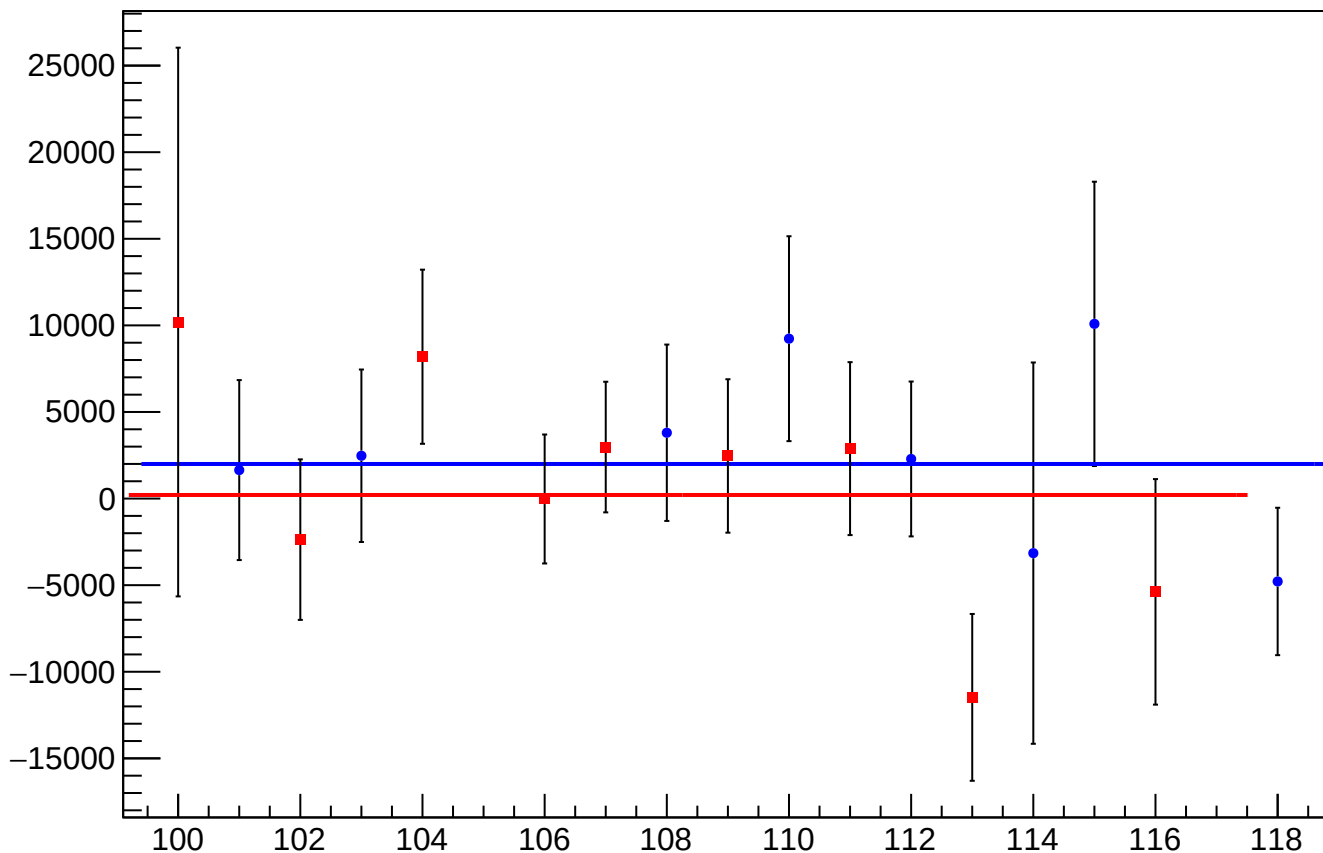
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.116+/-0.382 χ^2/NDF : 600115.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



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: 207.546+/-1600.545 χ^2/NDF : 10.9/8

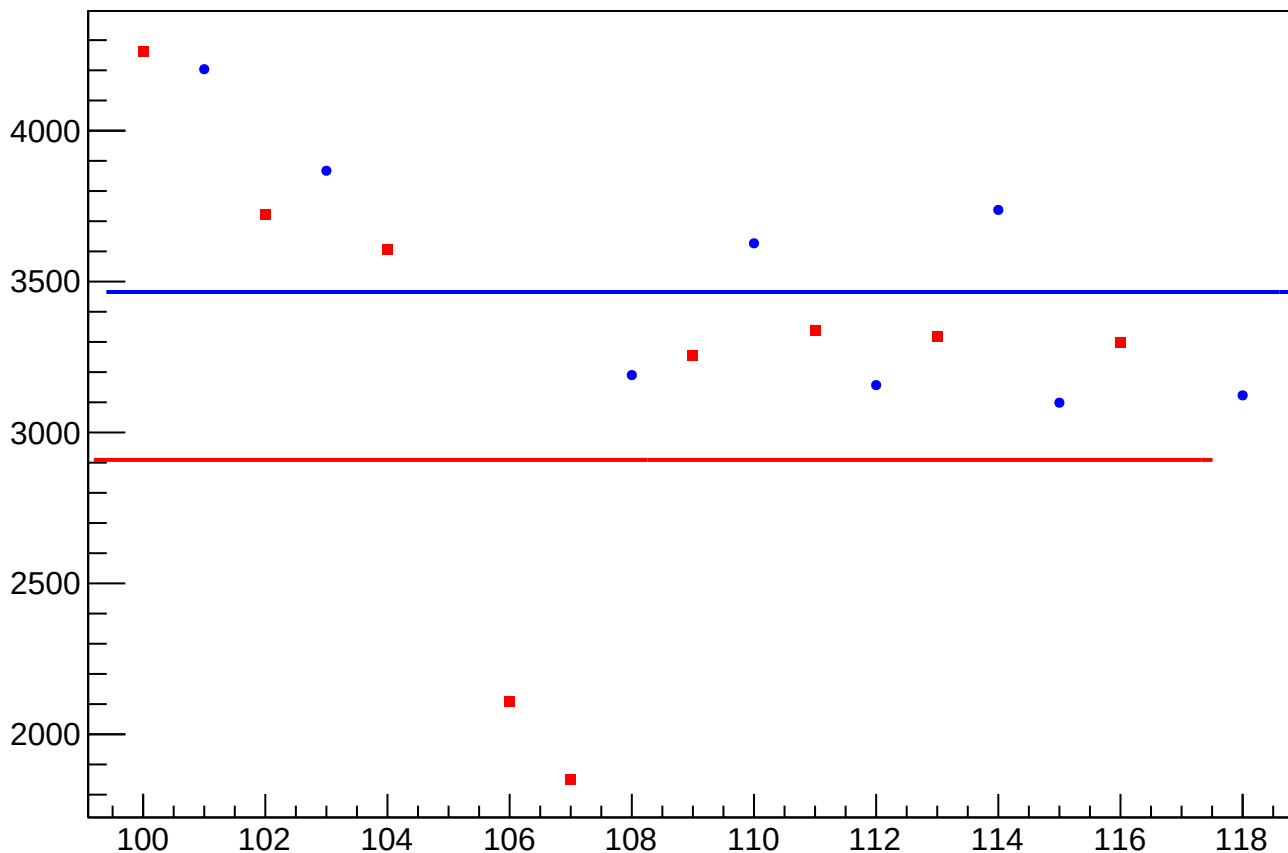
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.927 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 3465.456 $\pm$ 1.354 χ^2 /NDF: 88420.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2909.105 $\pm$ 1.132 χ^2 /NDF: 413925.7/8

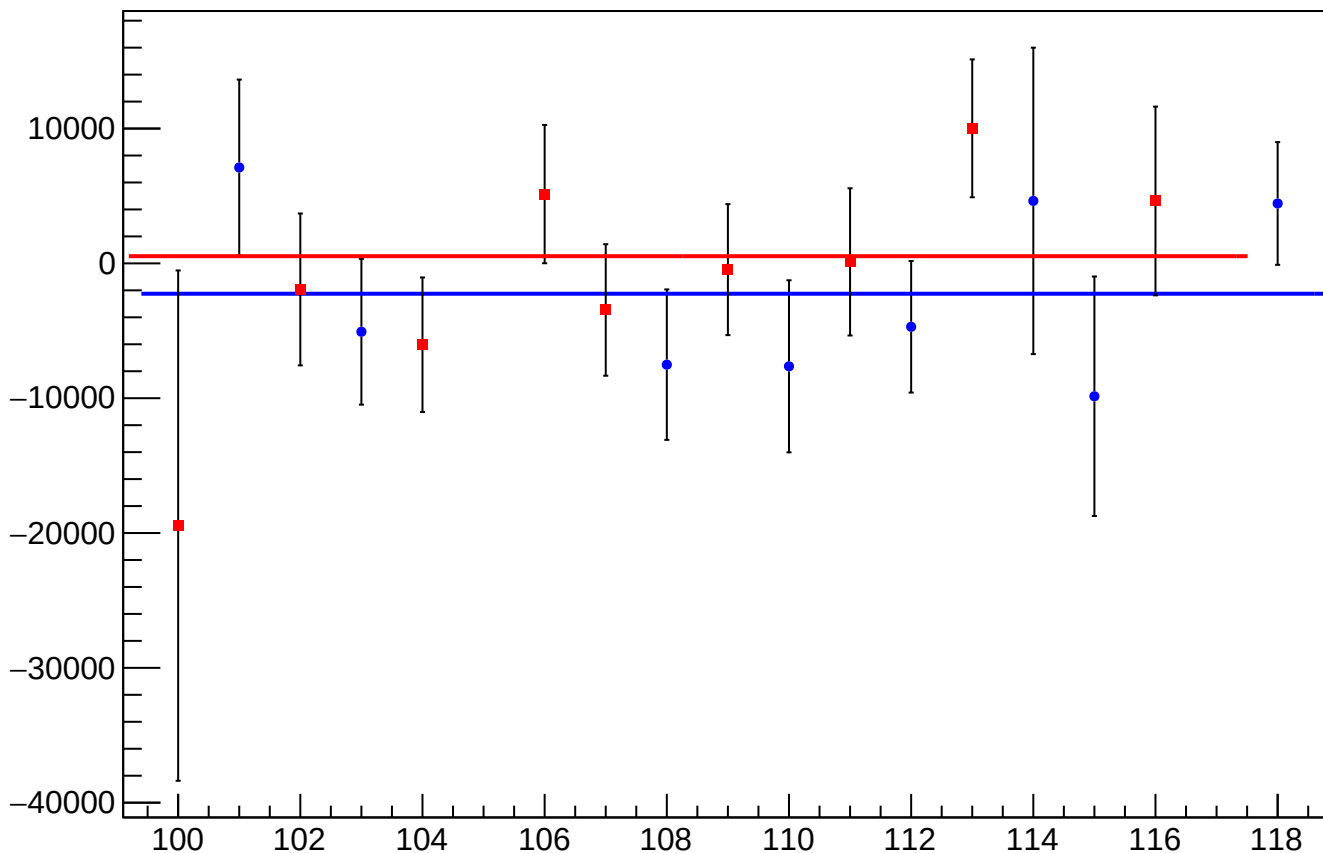
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3137.996 $\pm$ 0.868 χ^2 /NDF: 601765.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



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: 533.002±-1859.879 χ^2/NDF : 8.3/8

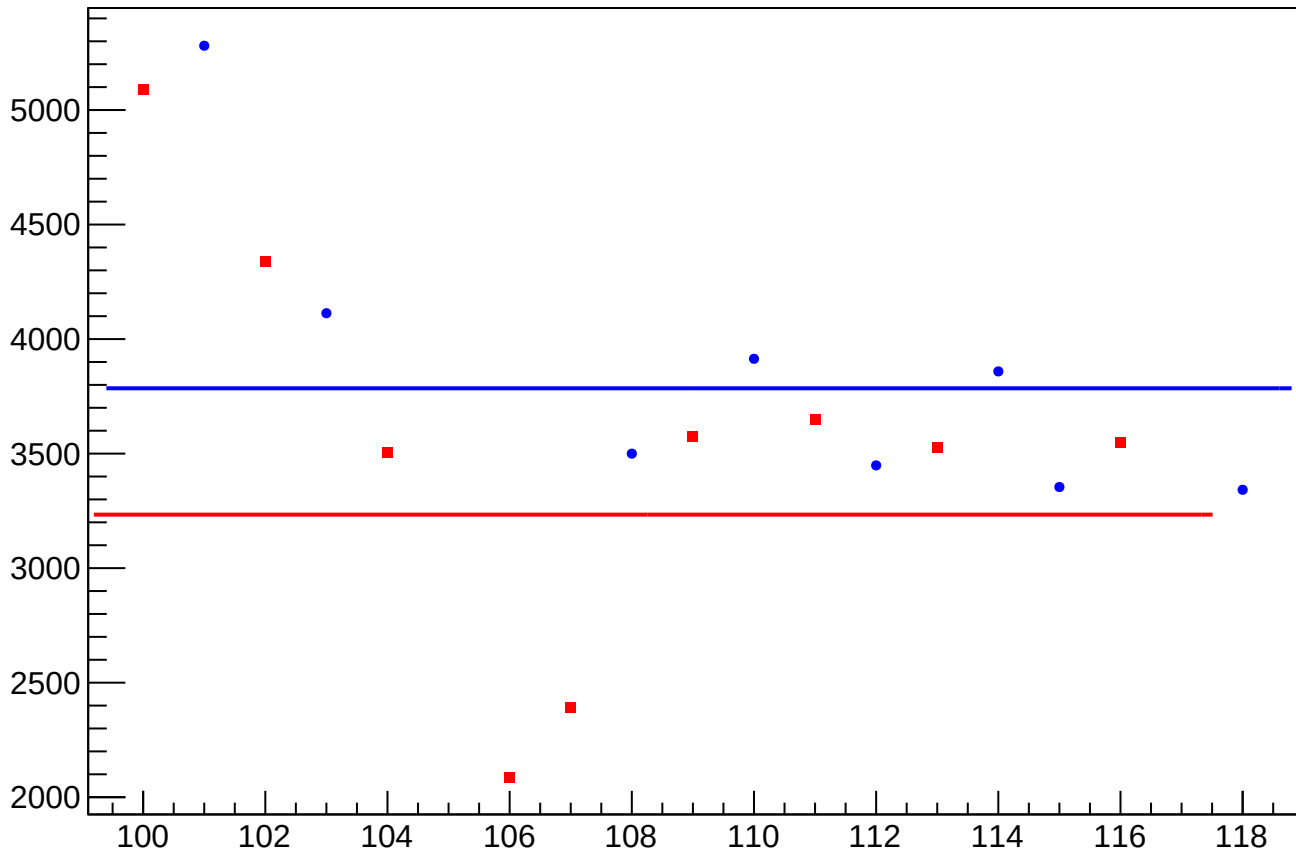
Left In: 0.000±-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±-0.000 χ^2/NDF : 0.0/0

All: -686.287±-1394.508 χ^2/NDF : 16.8/16

- sign 0.000±-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



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: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

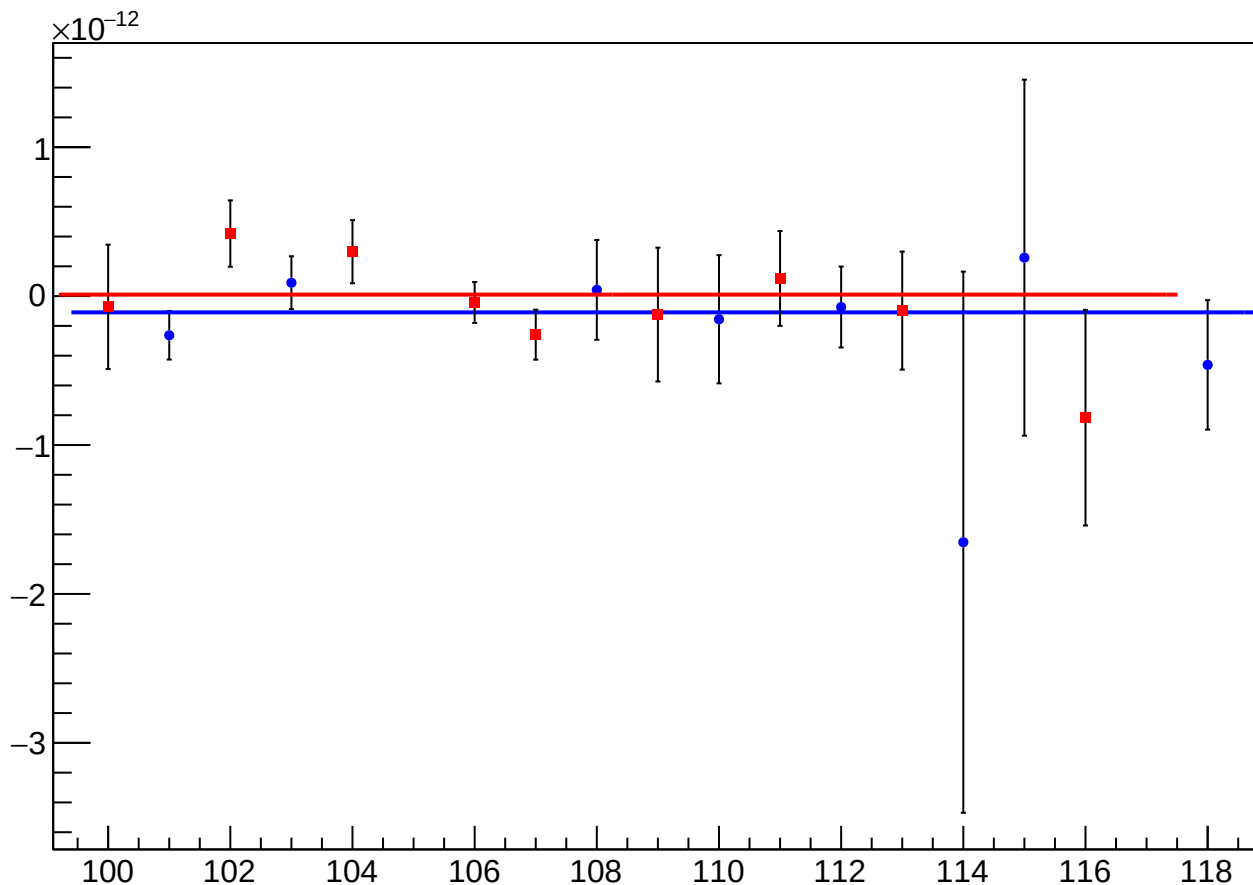
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.979+/-0.971 χ^2/NDF : 564760.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/8

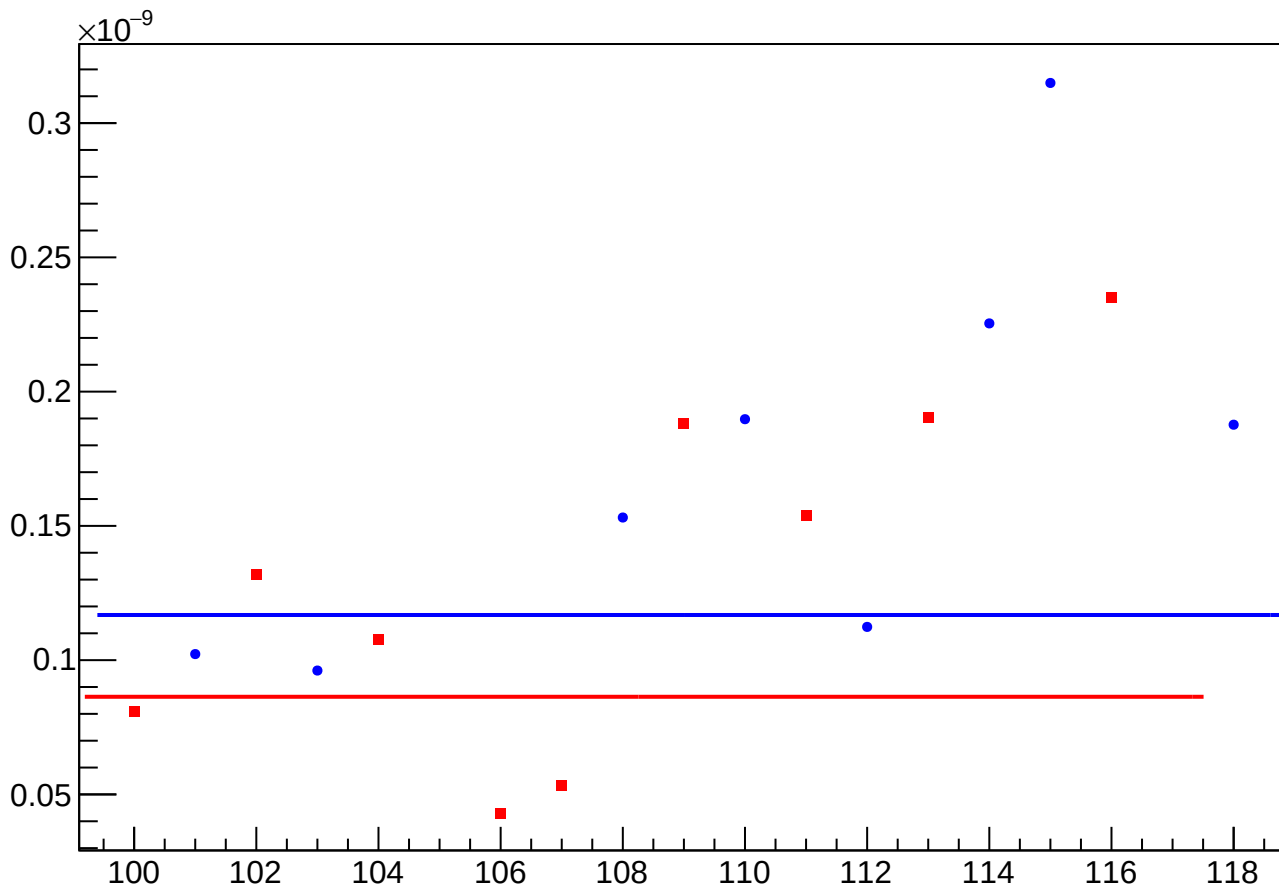
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug



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 : 795761.9/8

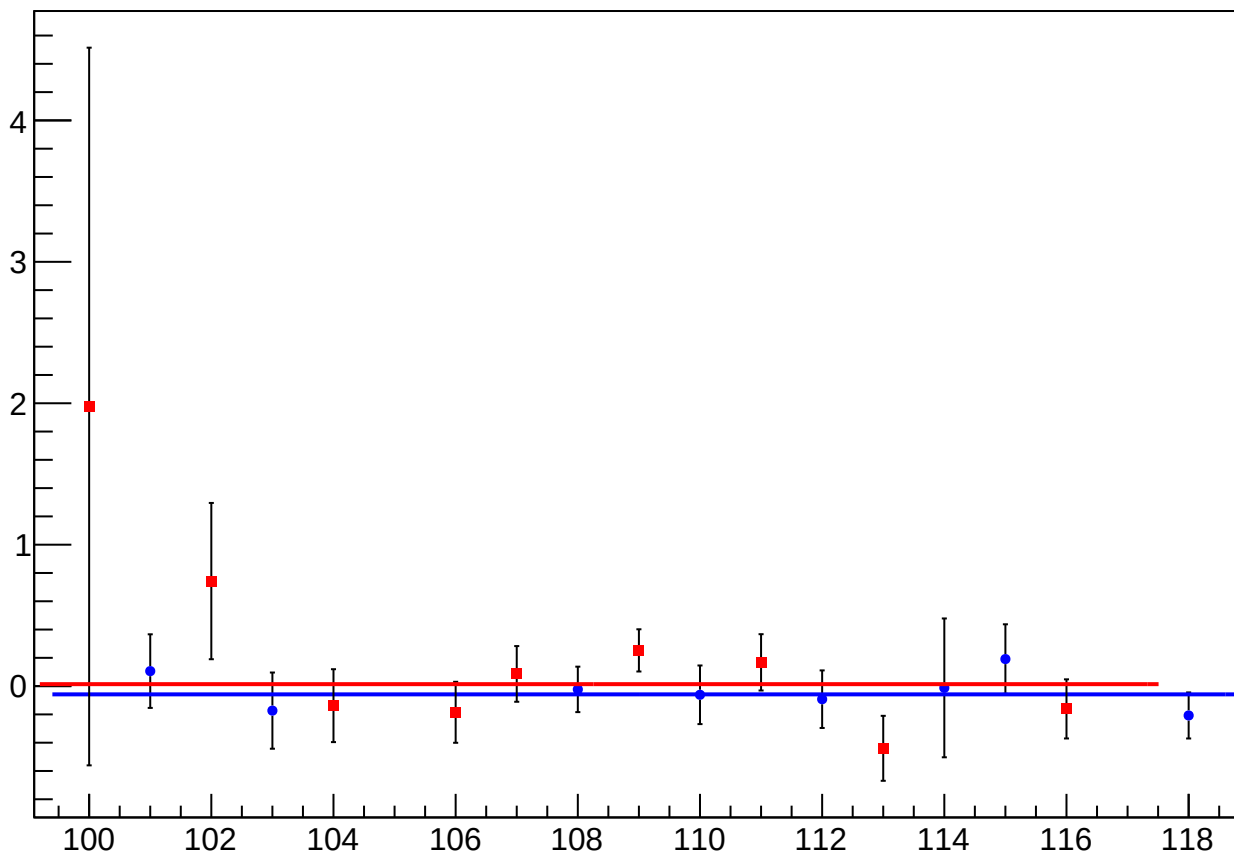
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1151991.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

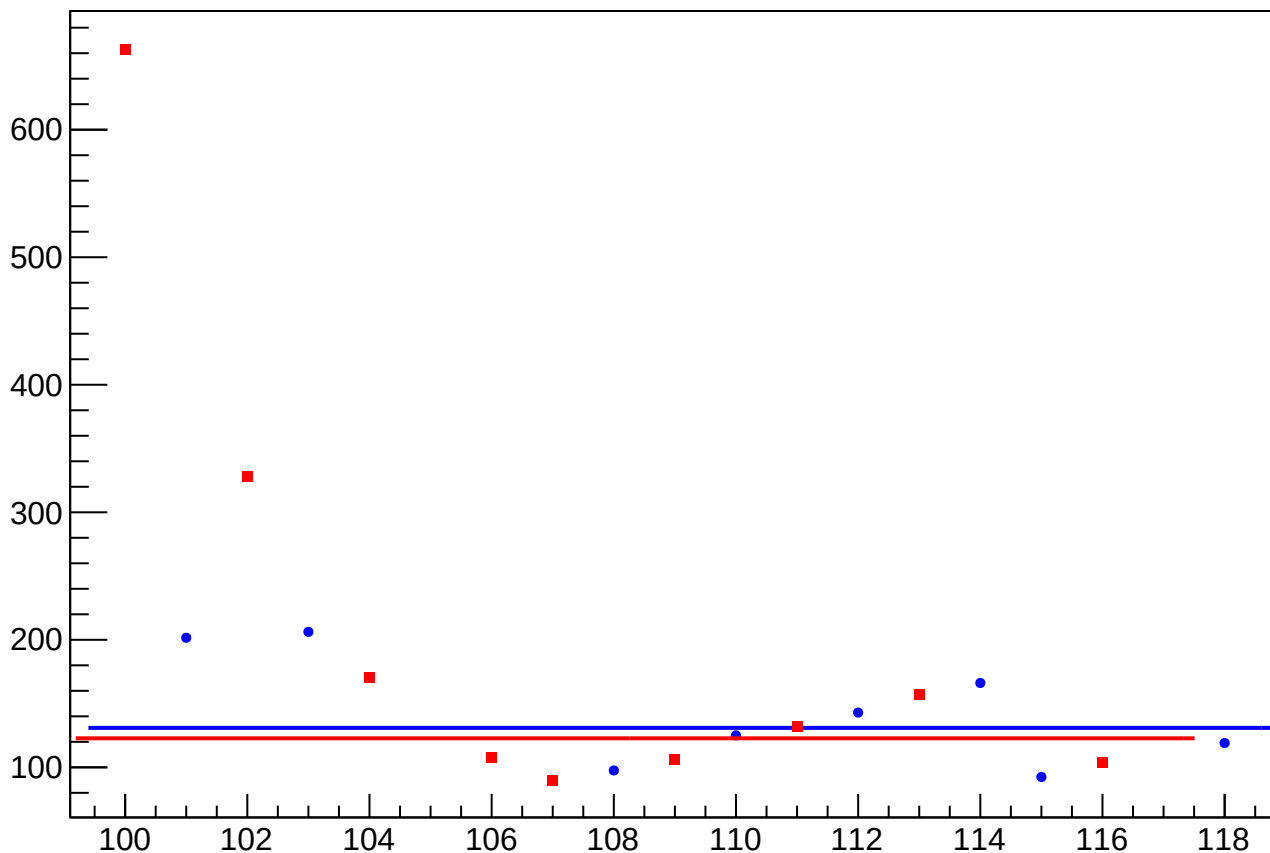
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



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: 122.761 $\pm$ 0.053 χ^2 /NDF: 591884.7/8

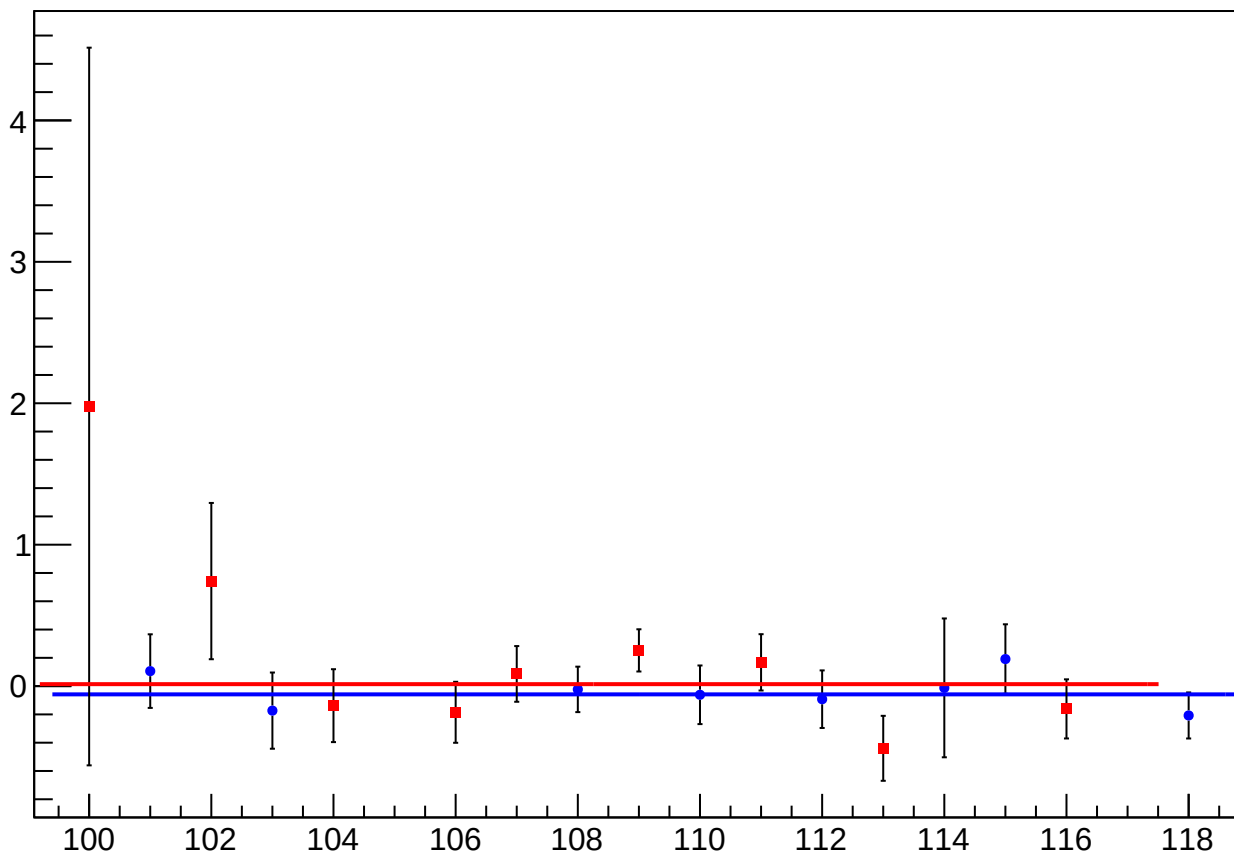
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.802 $\pm$ 0.038 χ^2 /NDF: 1072271.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

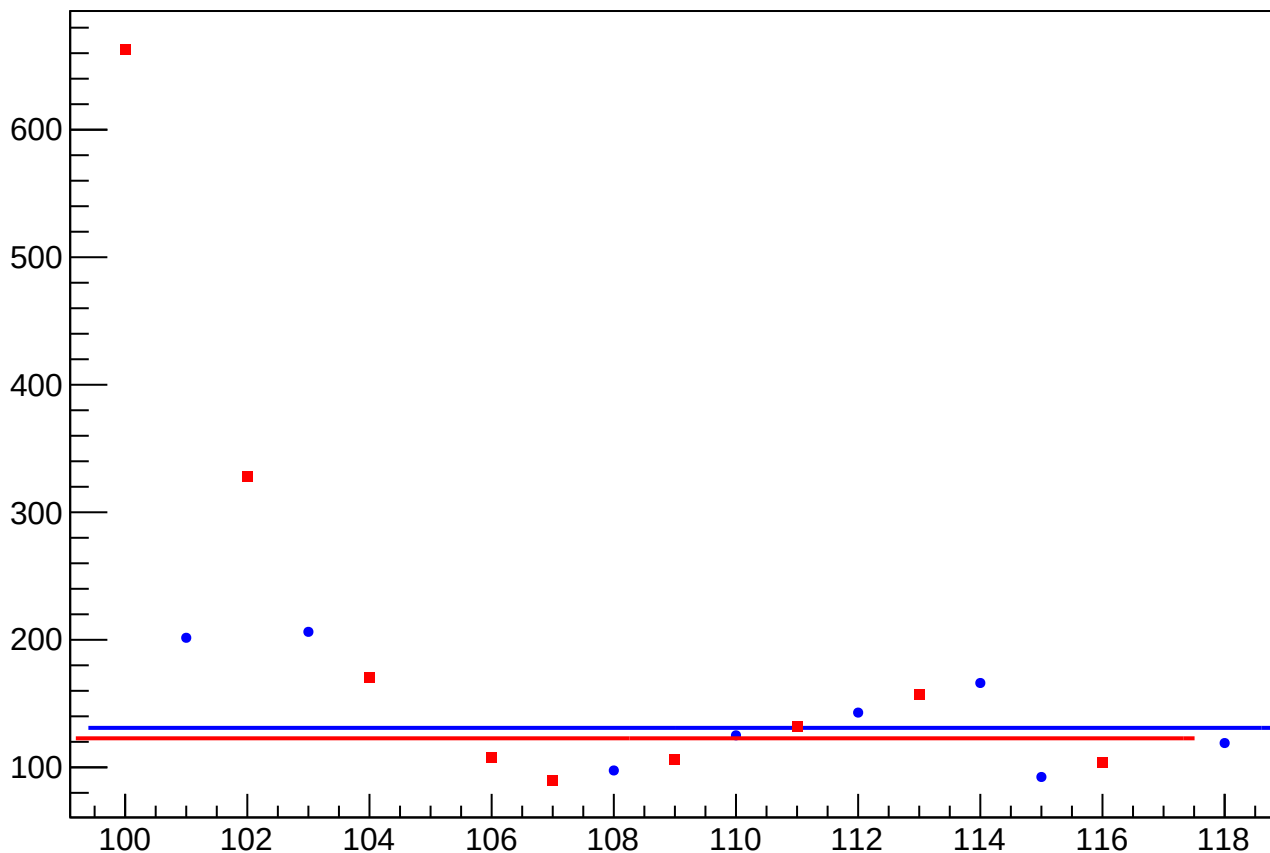
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.761+/-0.053 χ^2/NDF : 591884.7/8

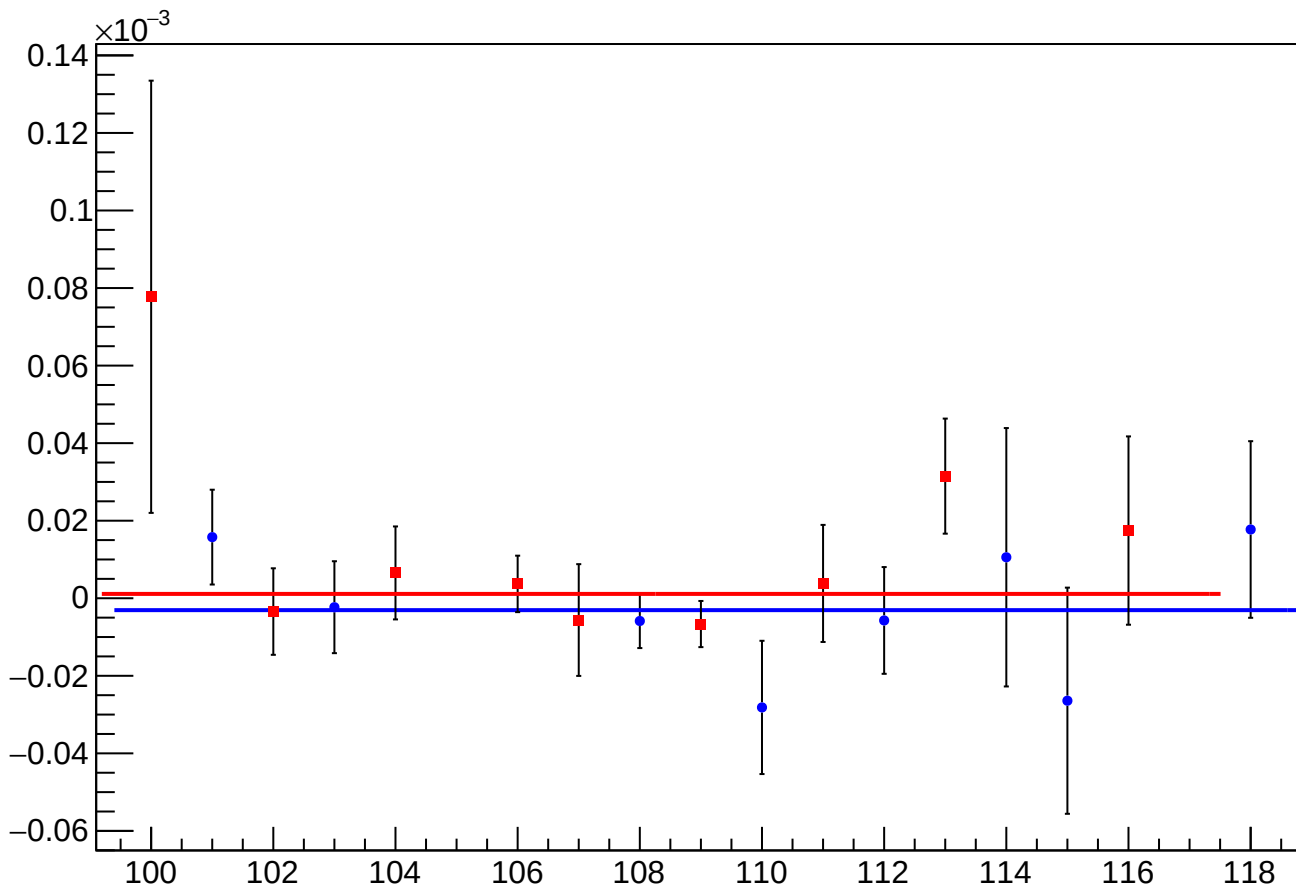
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.802+/-0.038 χ^2/NDF : 1072271.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/8

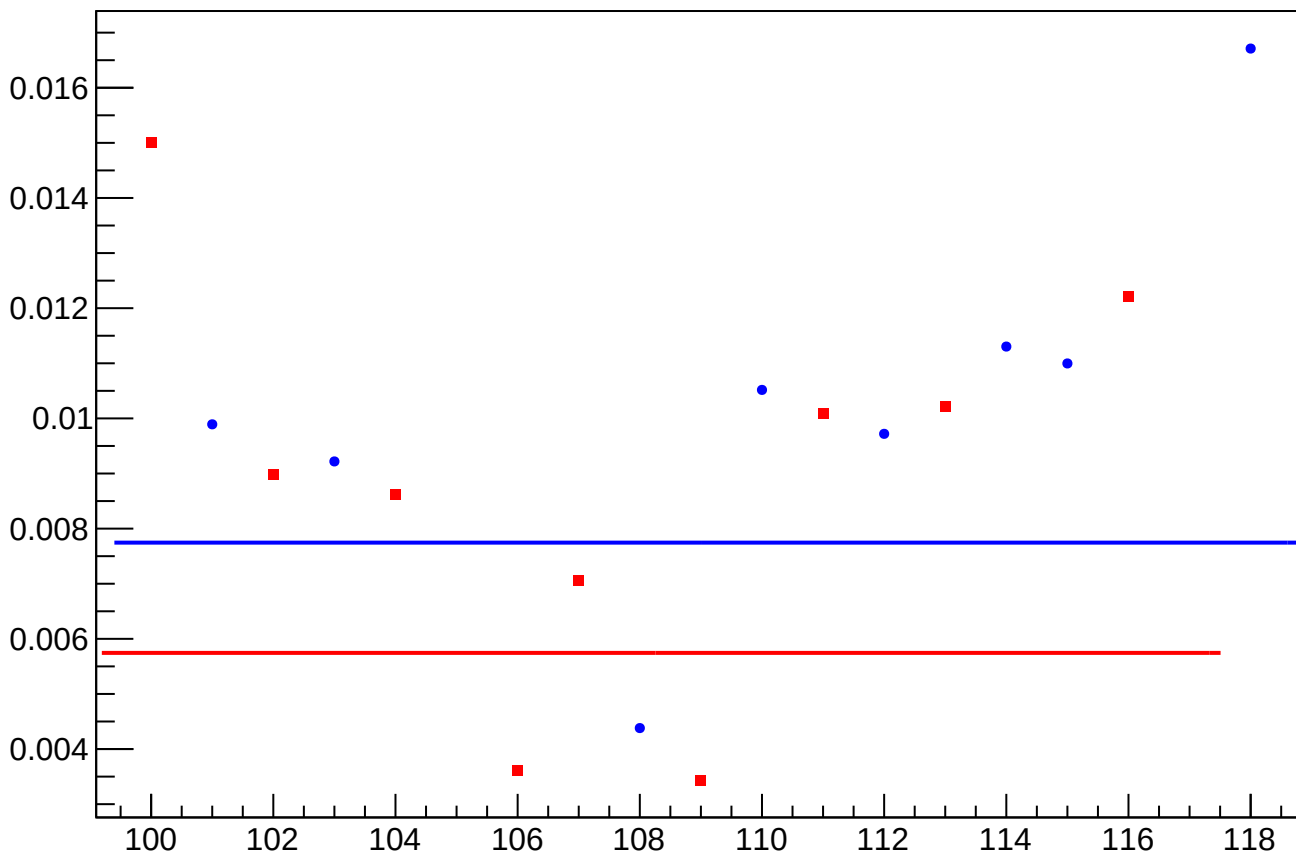
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 1007561.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 1318996.0/8

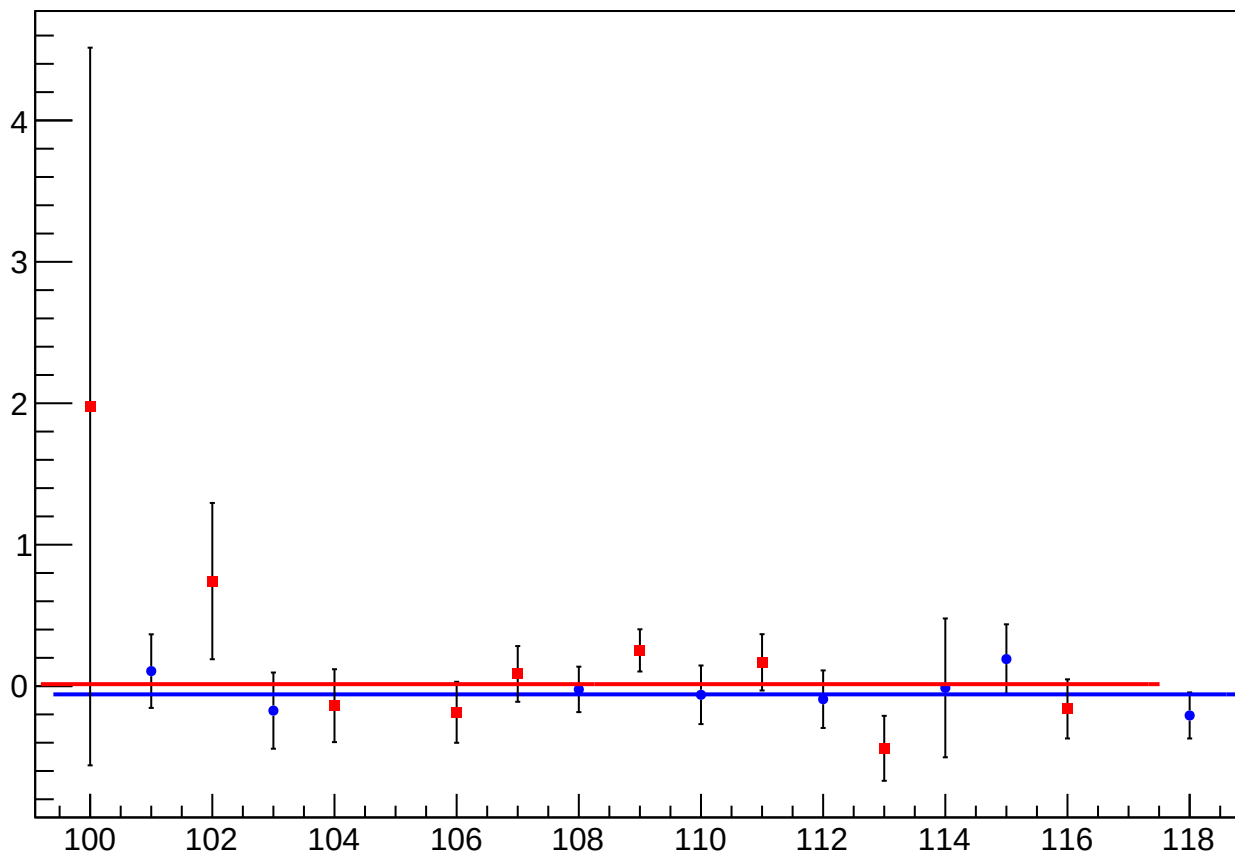
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 2561128.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

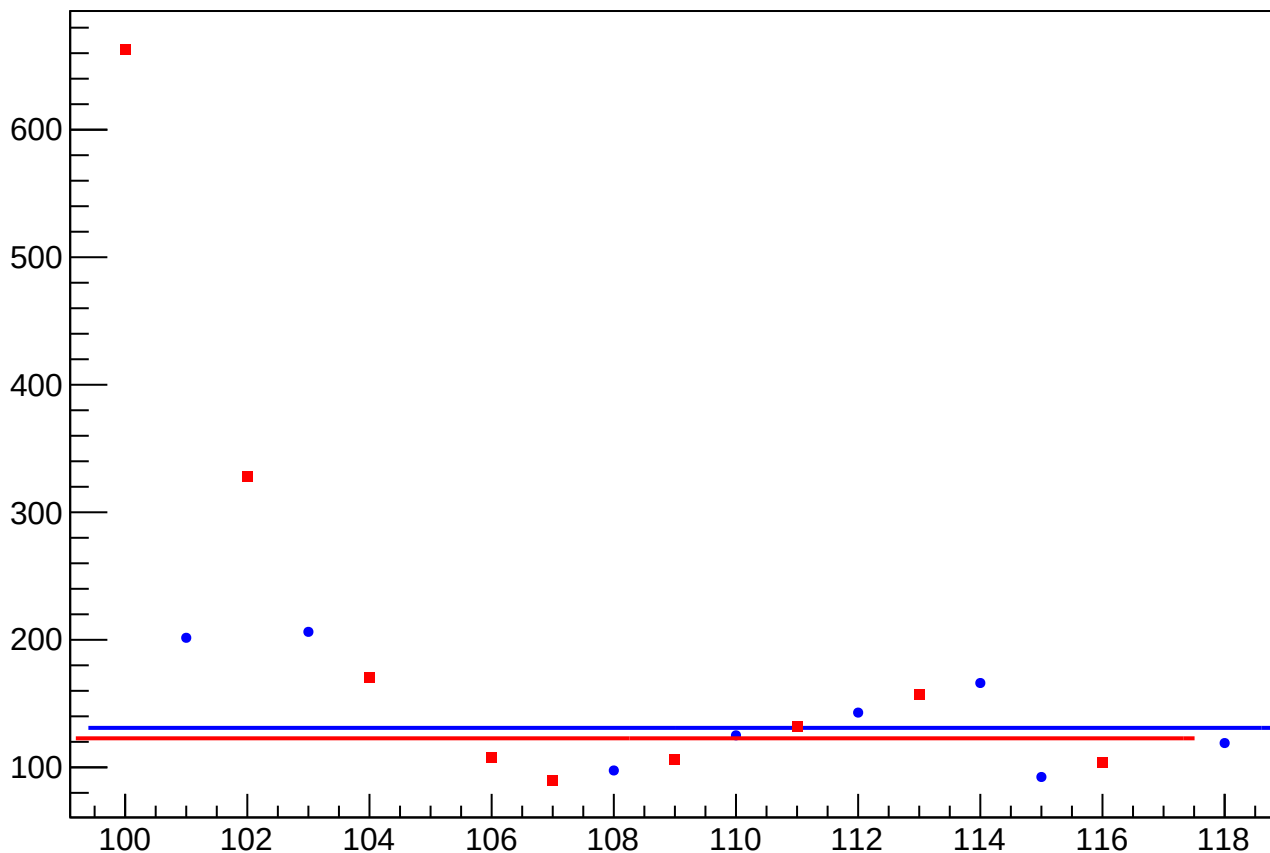
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 122.763 $\pm$ 0.053 χ^2 /NDF: 591838.6/8

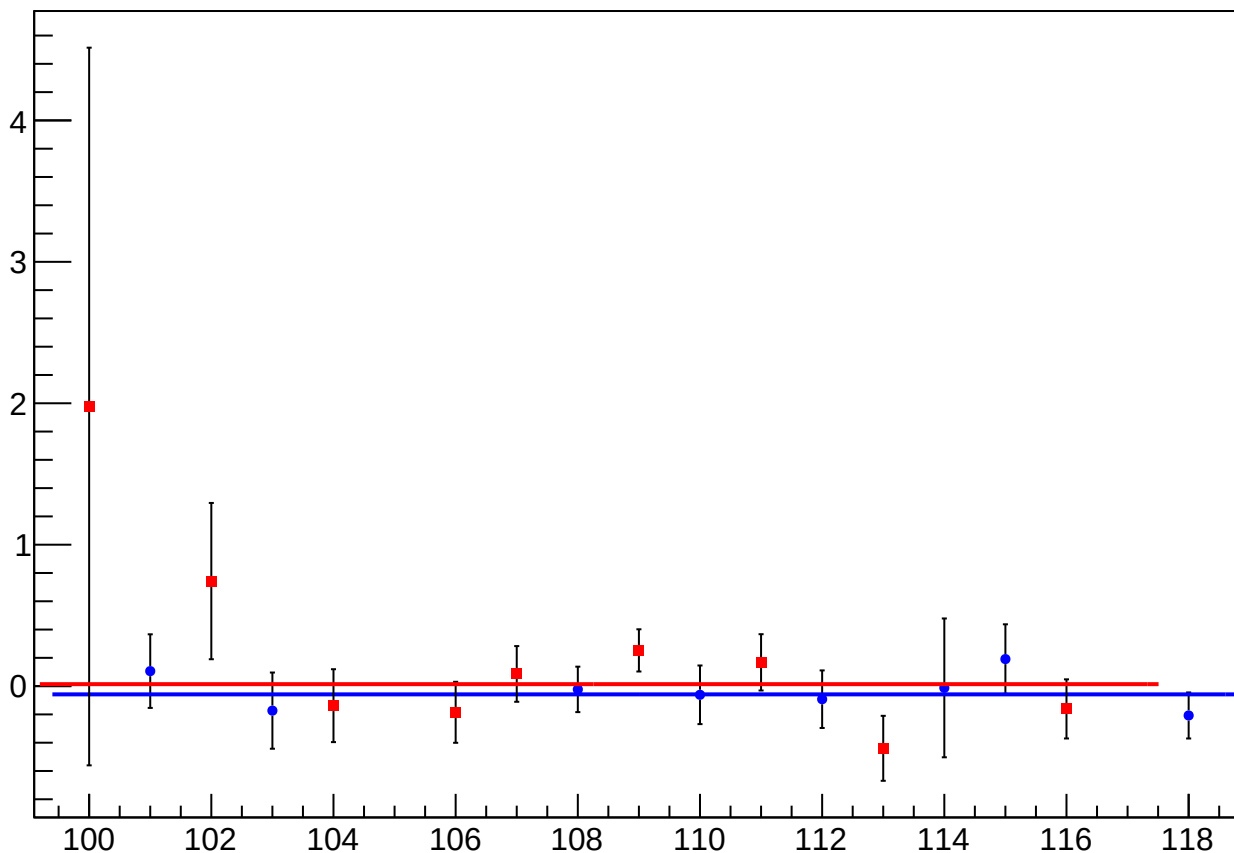
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.804 $\pm$ 0.038 χ^2 /NDF: 1072186.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

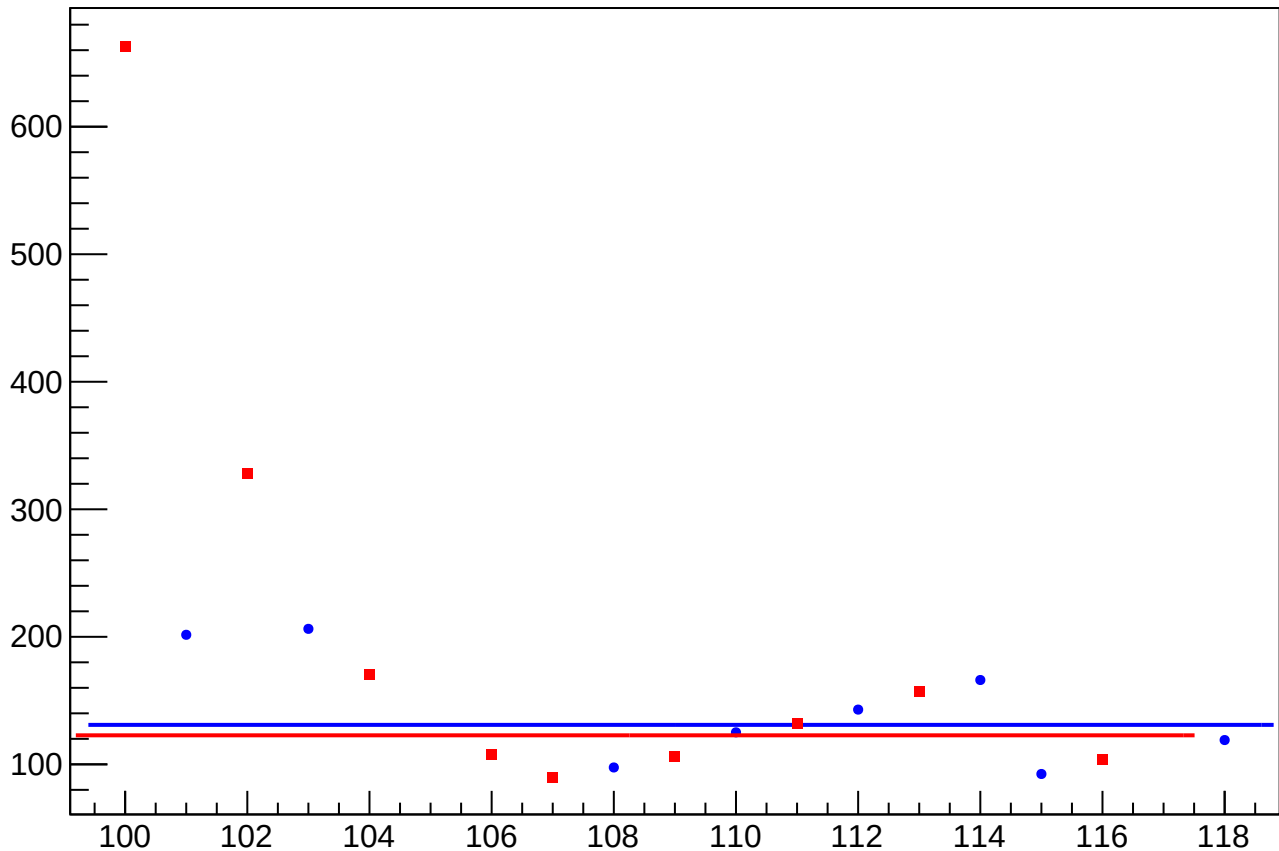
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.763+/-0.053 χ^2/NDF : 591838.6/8

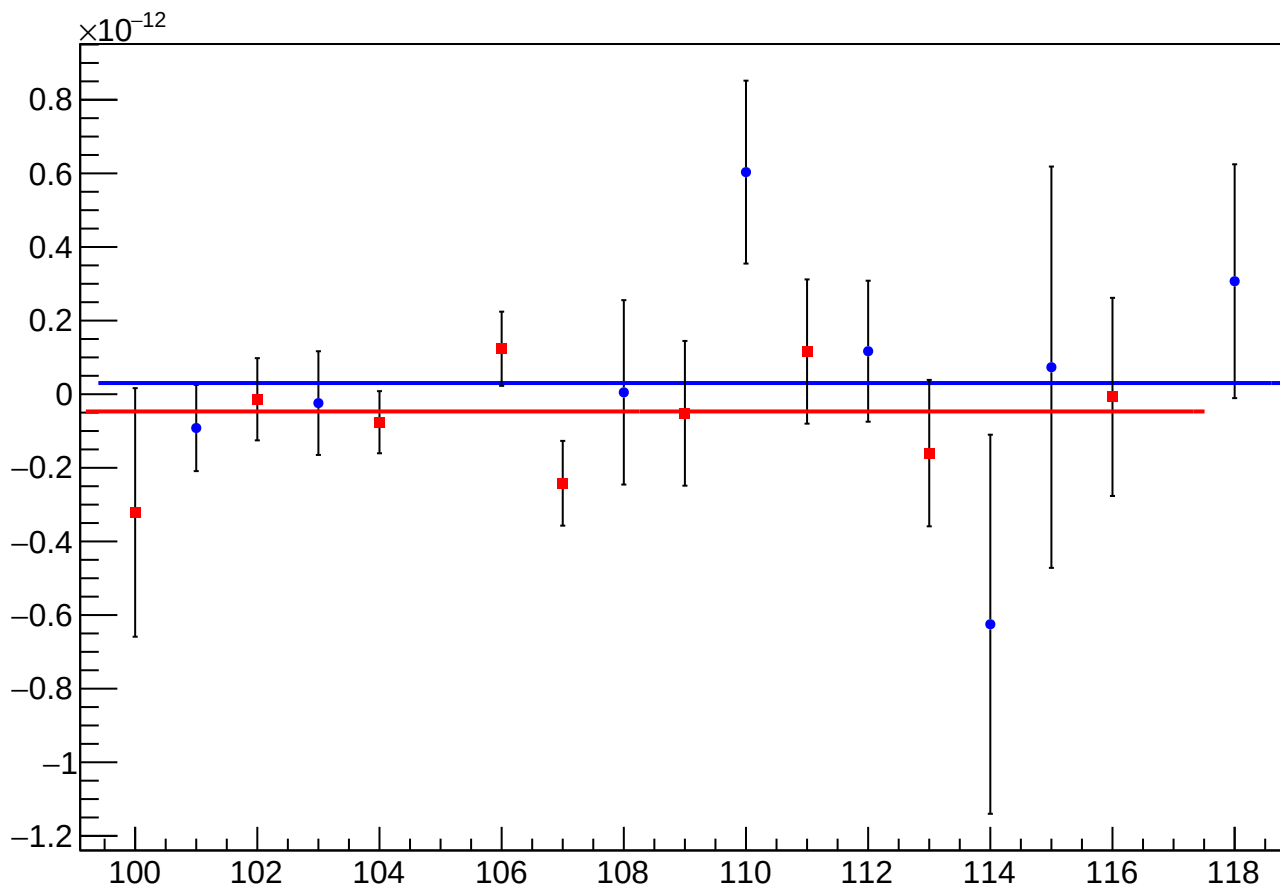
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.804+/-0.038 χ^2/NDF : 1072186.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.6/8

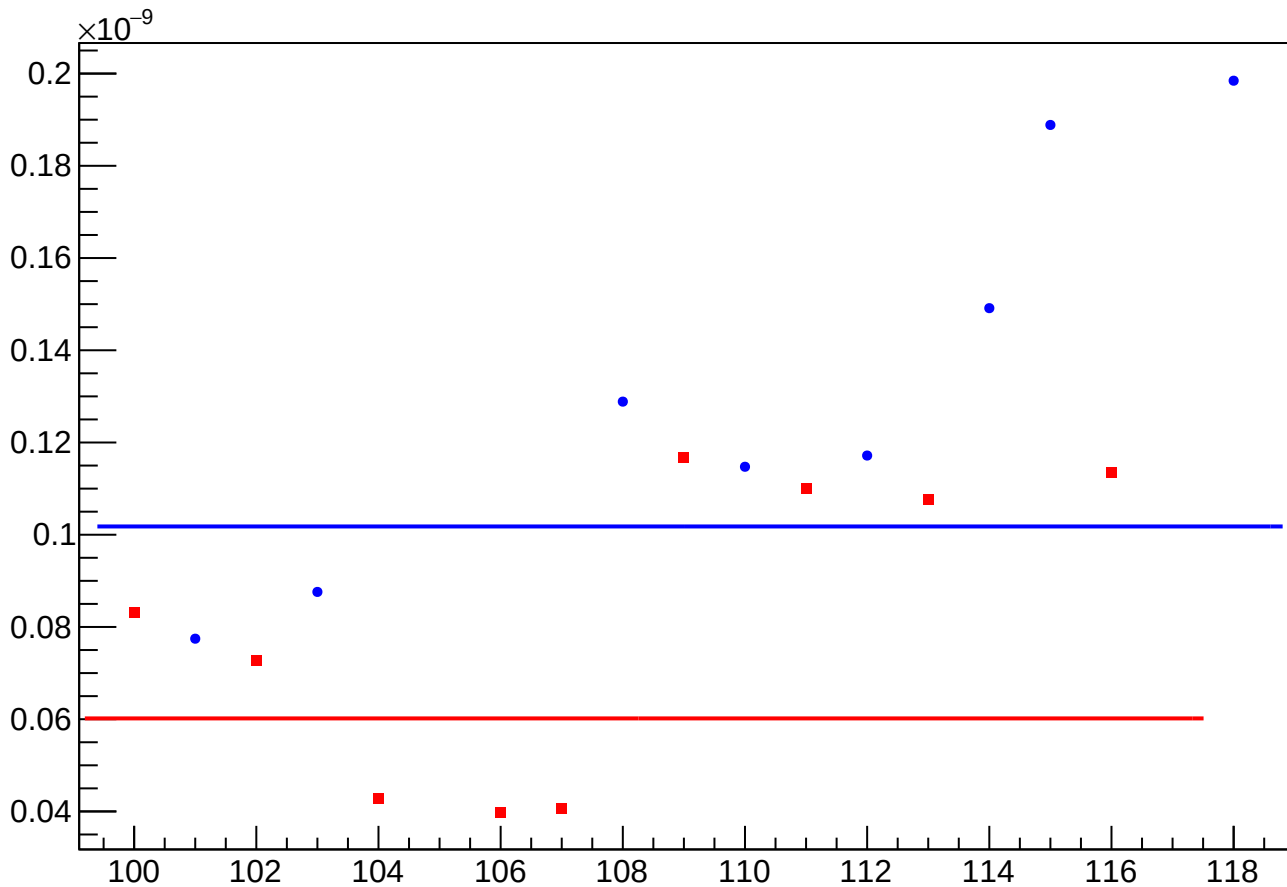
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 745869.5/8

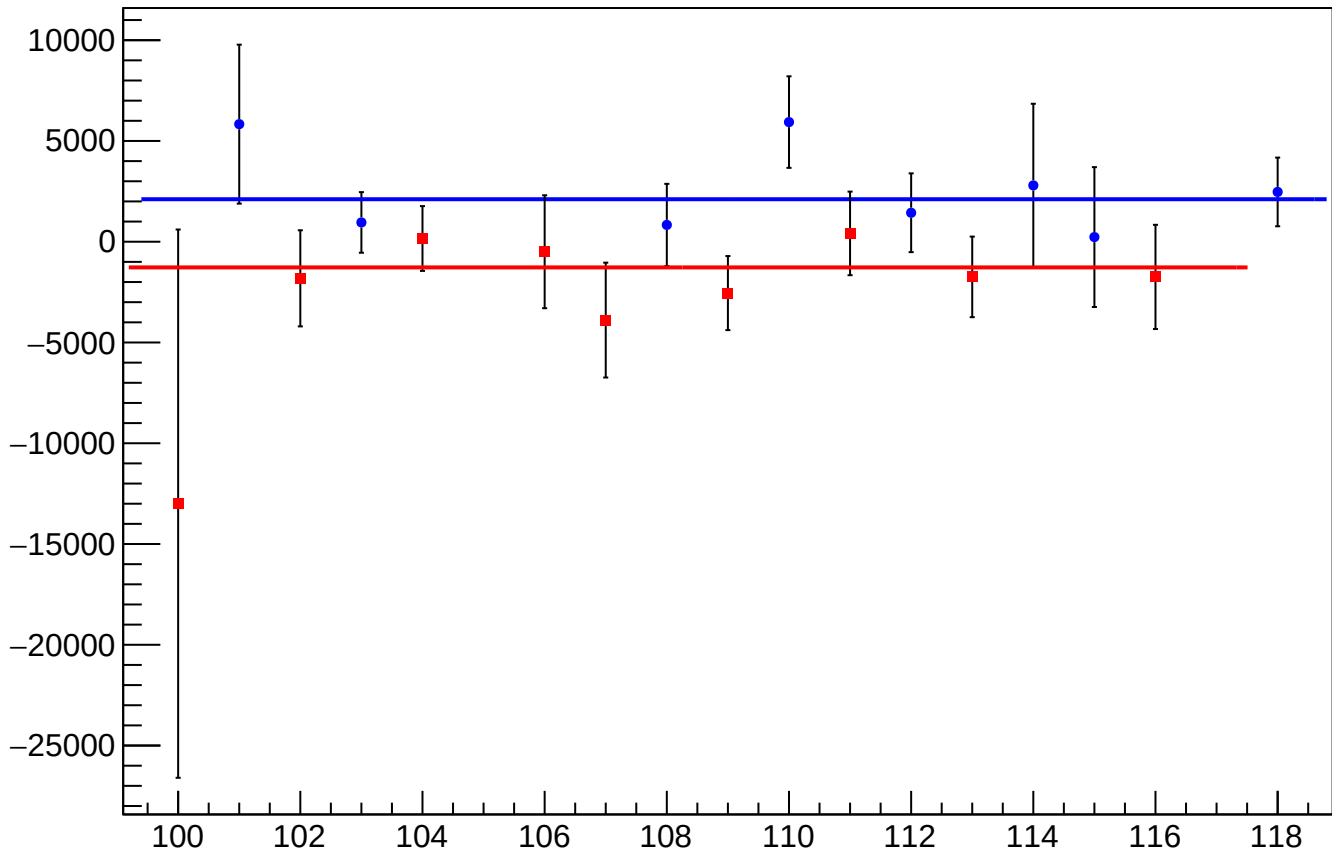
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1640190.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



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: -1274.381+/-756.477 χ^2/NDF : 3.7/8

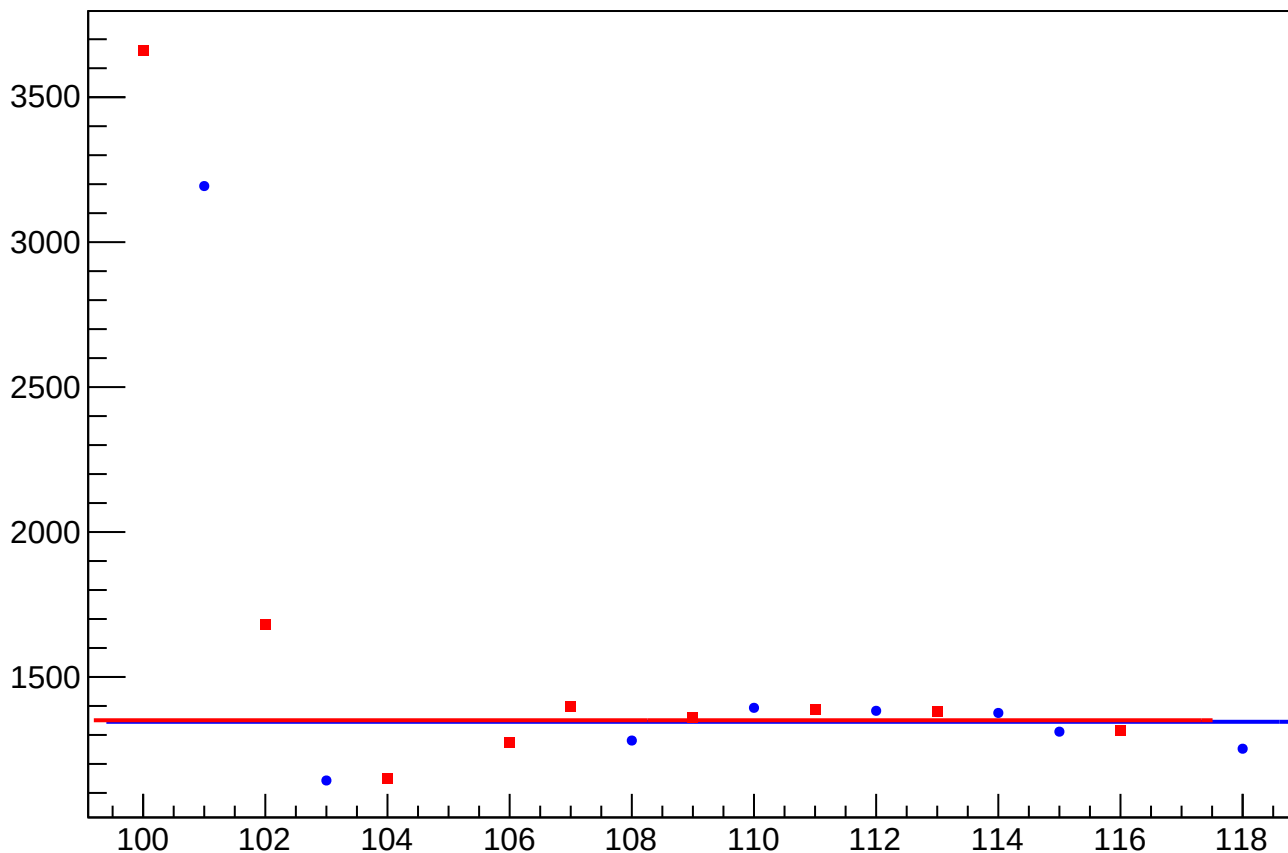
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.521+/-539.252 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



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: 1350.678+/-0.532 χ^2/NDF : 130775.3/8

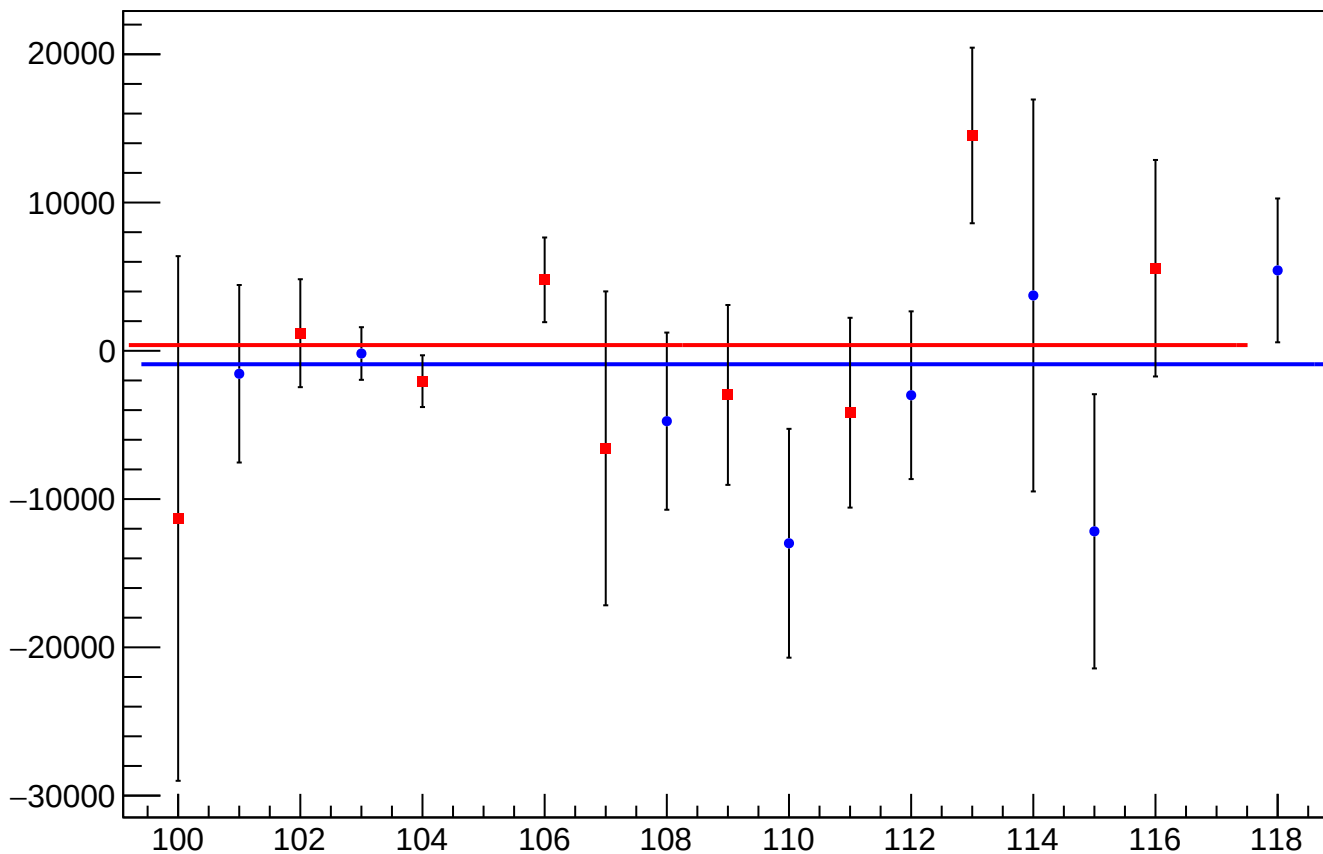
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1348.097+/-0.380 χ^2/NDF : 616305.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



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: 386.066+/-1252.896 χ^2/NDF : 12.3/8

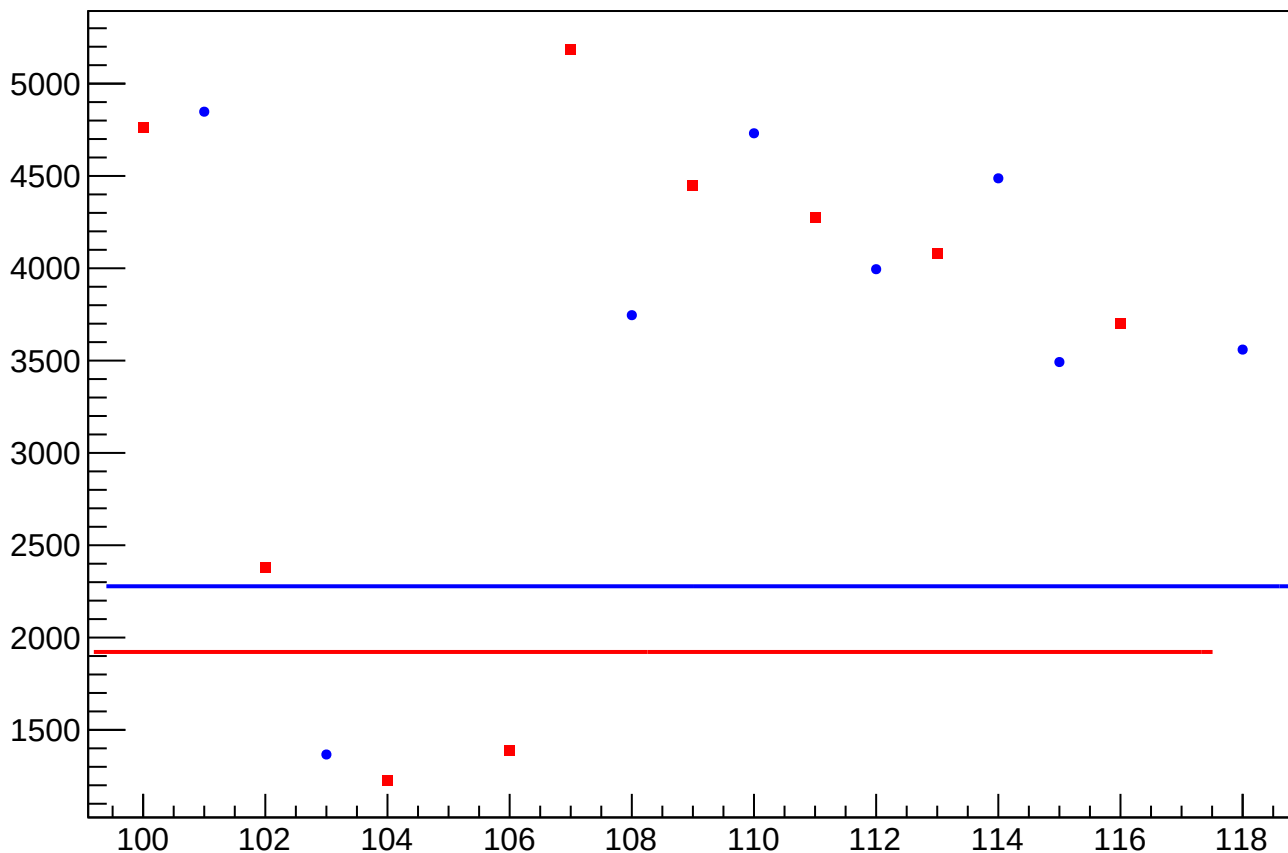
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.066+/-945.667 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



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: 1922.019+/-0.886 χ^2/NDF : 1663378.1/8

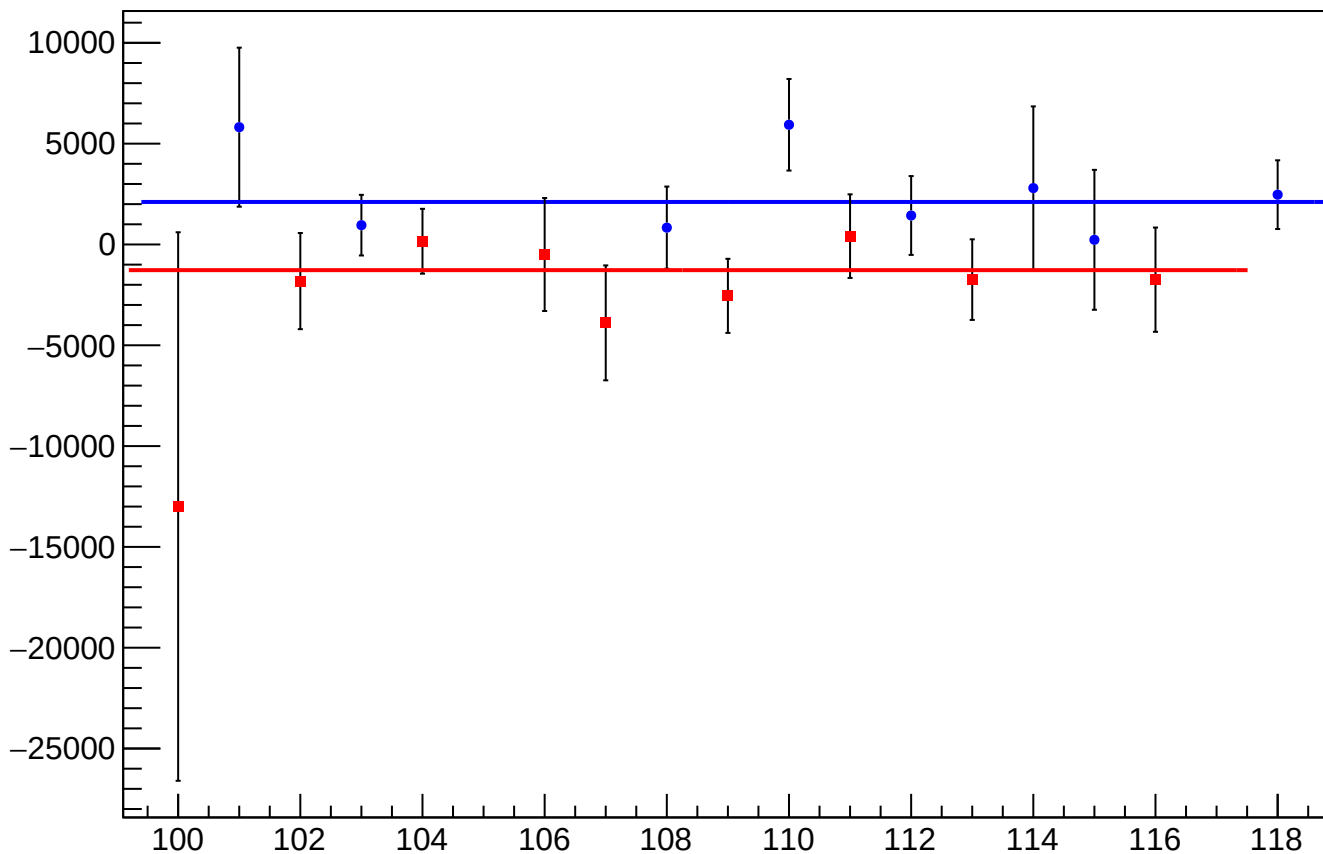
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2075.107+/-0.669 χ^2/NDF : 3365457.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



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: -1274.018 $\pm$ 756.477 χ^2 /NDF: 3.7/8

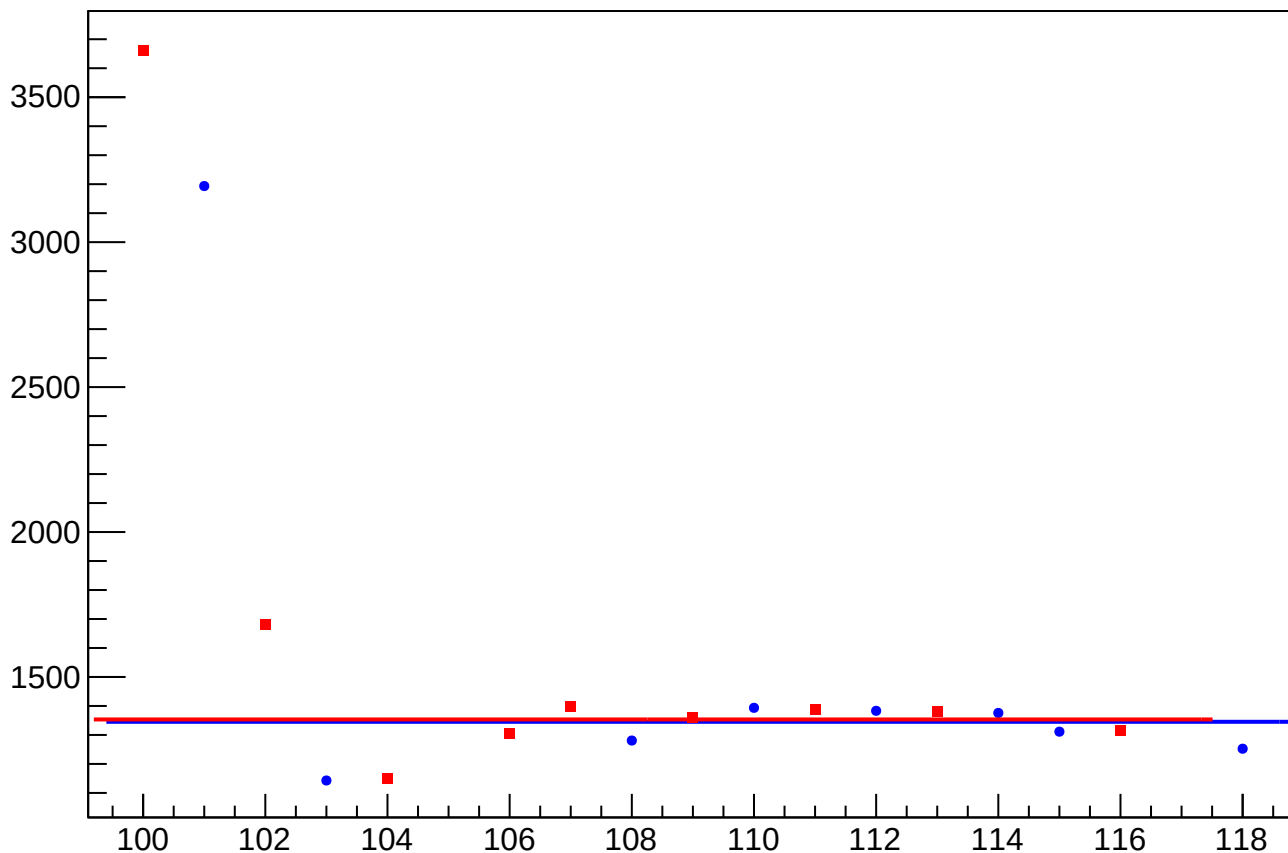
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 389.451 $\pm$ 539.252 χ^2 /NDF: 18.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1345.396 $\pm$ 0.544 χ^2 /NDF: 485483.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1353.433 $\pm$ 0.533 χ^2 /NDF: 129607.4/8

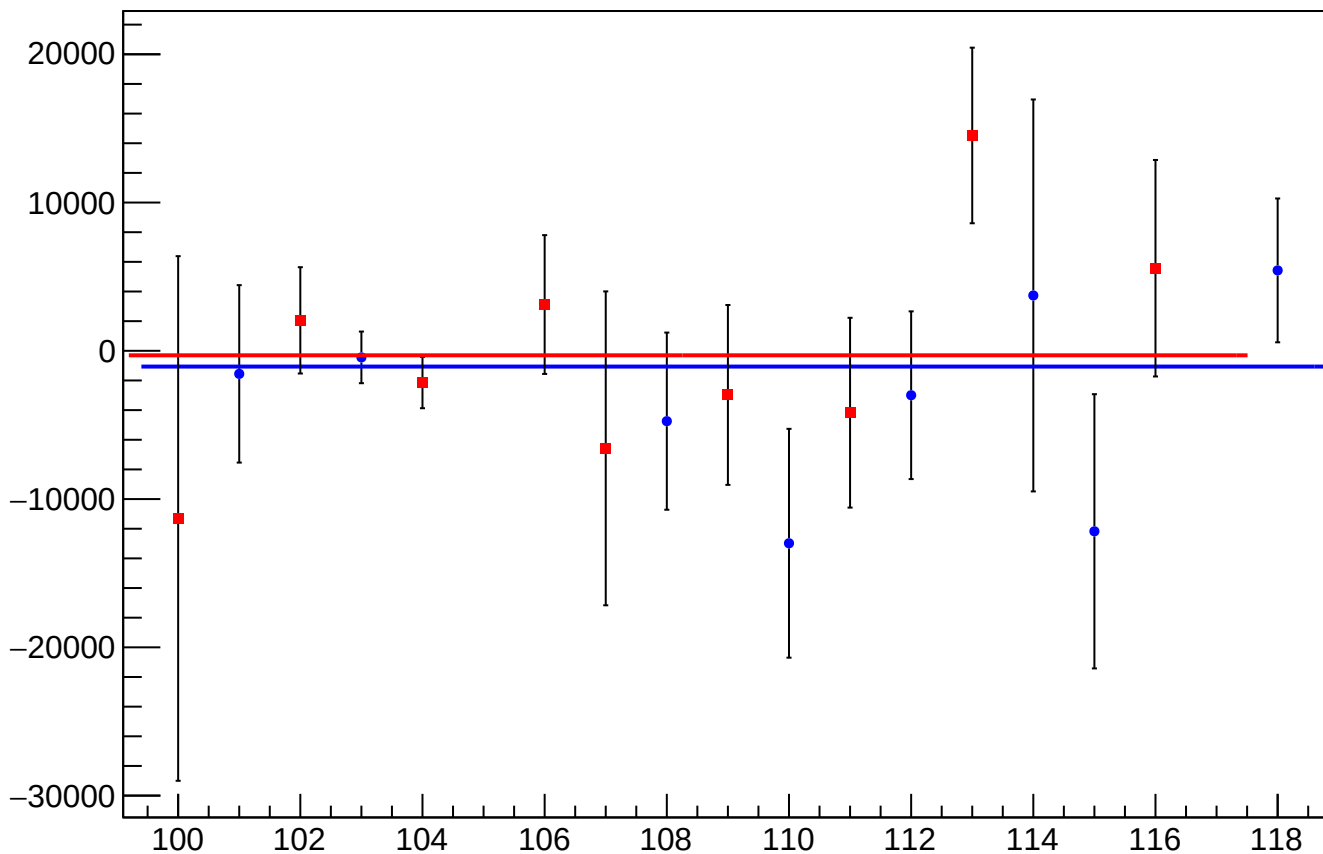
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1349.498 $\pm$ 0.380 χ^2 /NDF: 615202.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



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: -303.337+/-1326.164 χ^2/NDF : 10.3/8

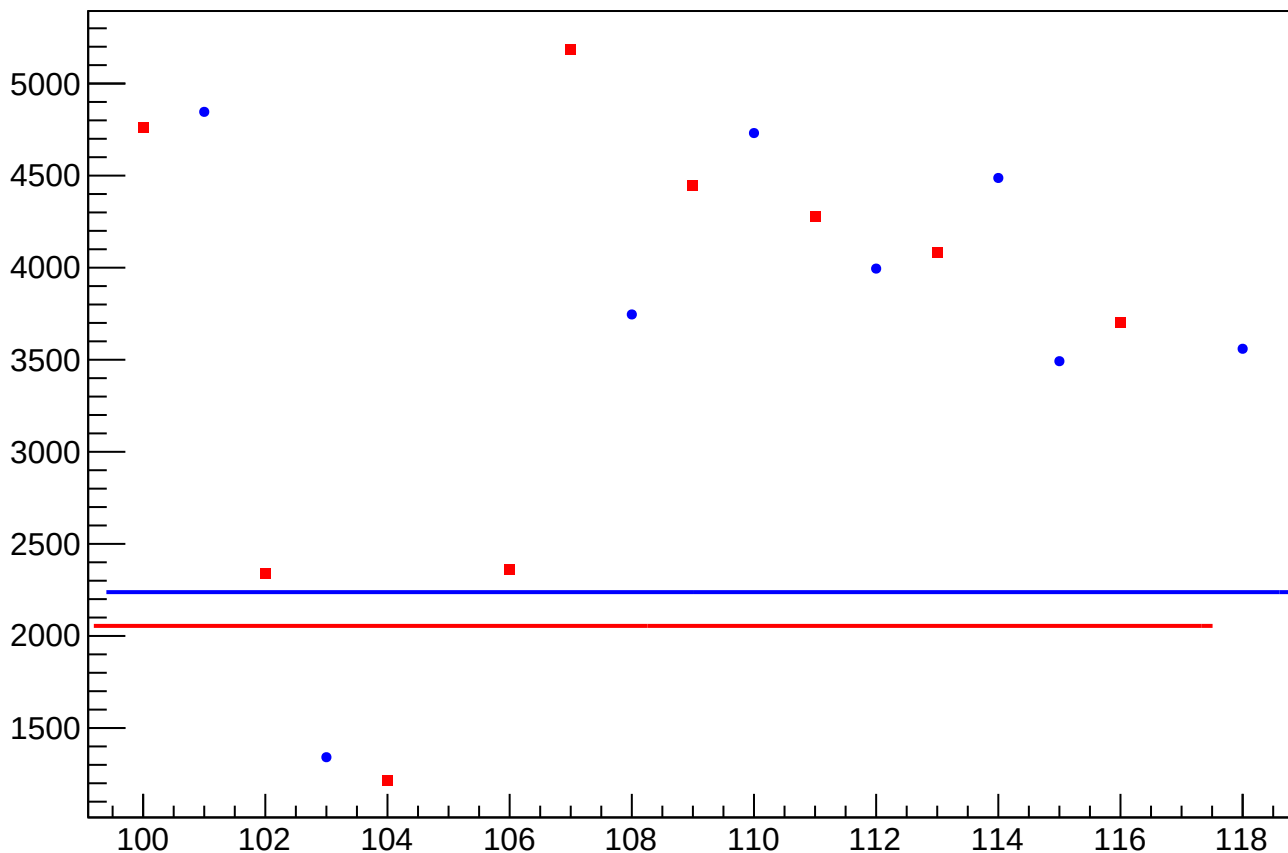
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -656.151+/-970.272 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2237.972+/-1.006 χ^2/NDF : 1682280.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

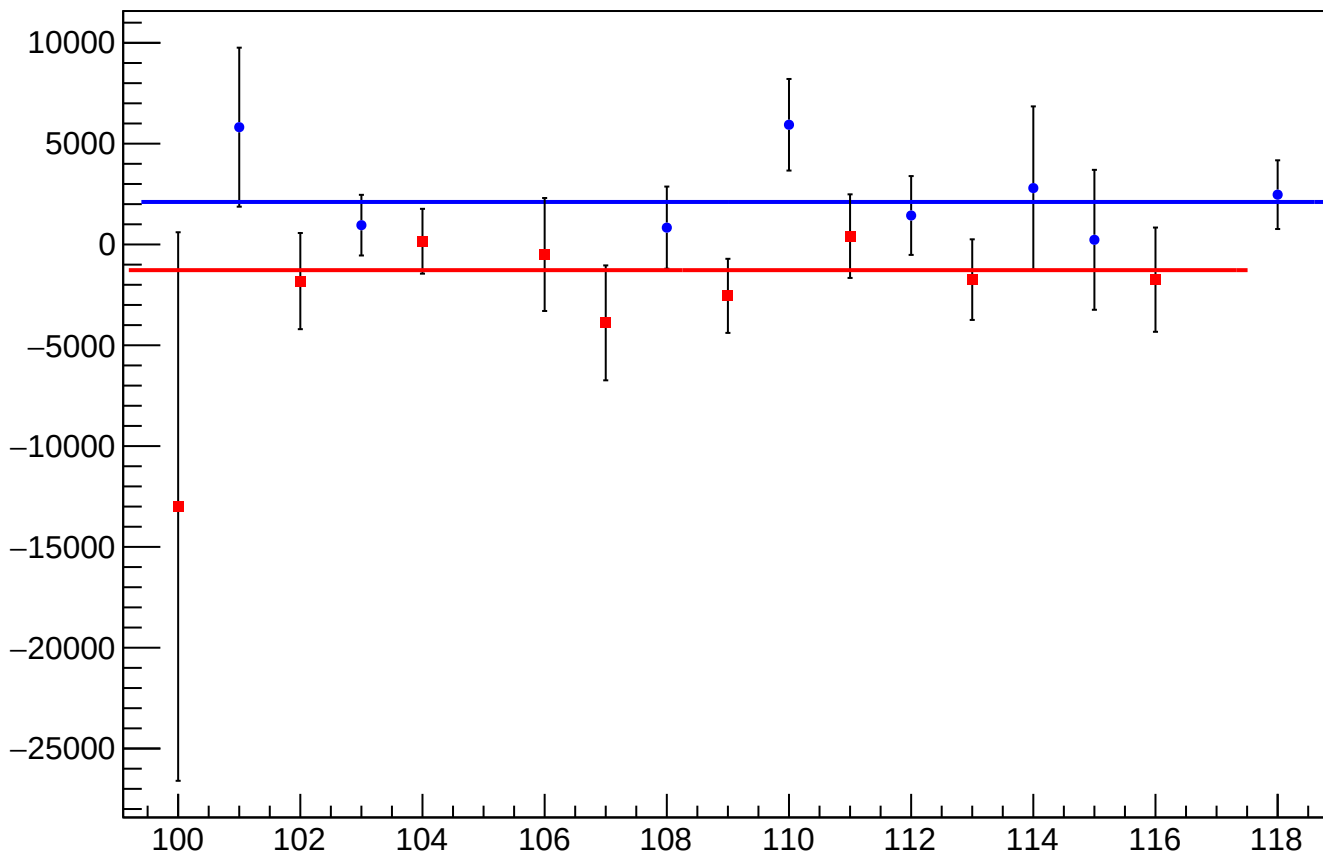
Right Out: 2054.629+/-0.938 χ^2/NDF : 1602999.7/8

All: 2139.829+/-0.686 χ^2/NDF : 3303044.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



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: -1274.018+/-756.477 χ^2/NDF : 3.7/8

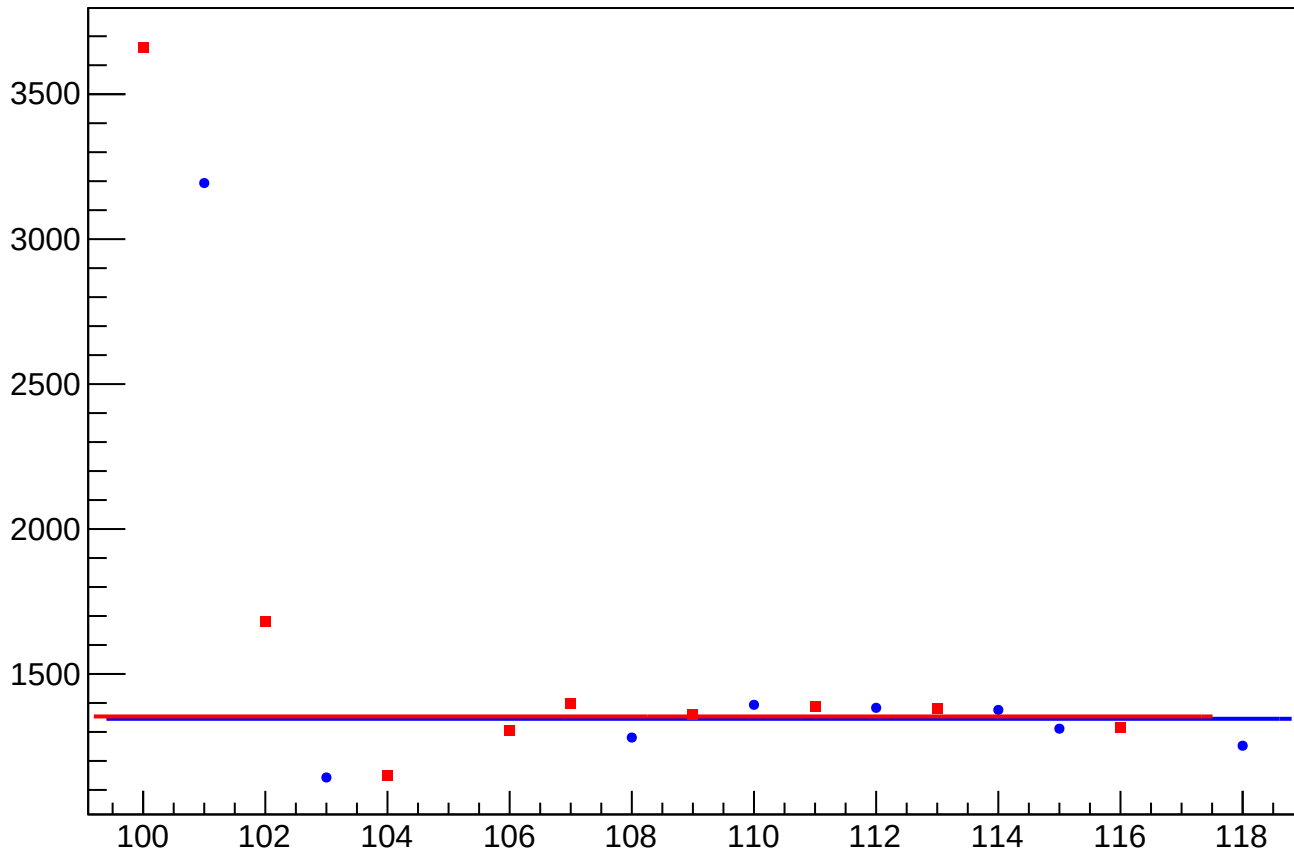
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.451+/-539.252 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



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: 1353.433+/-0.533 χ^2/NDF : 129607.4/8

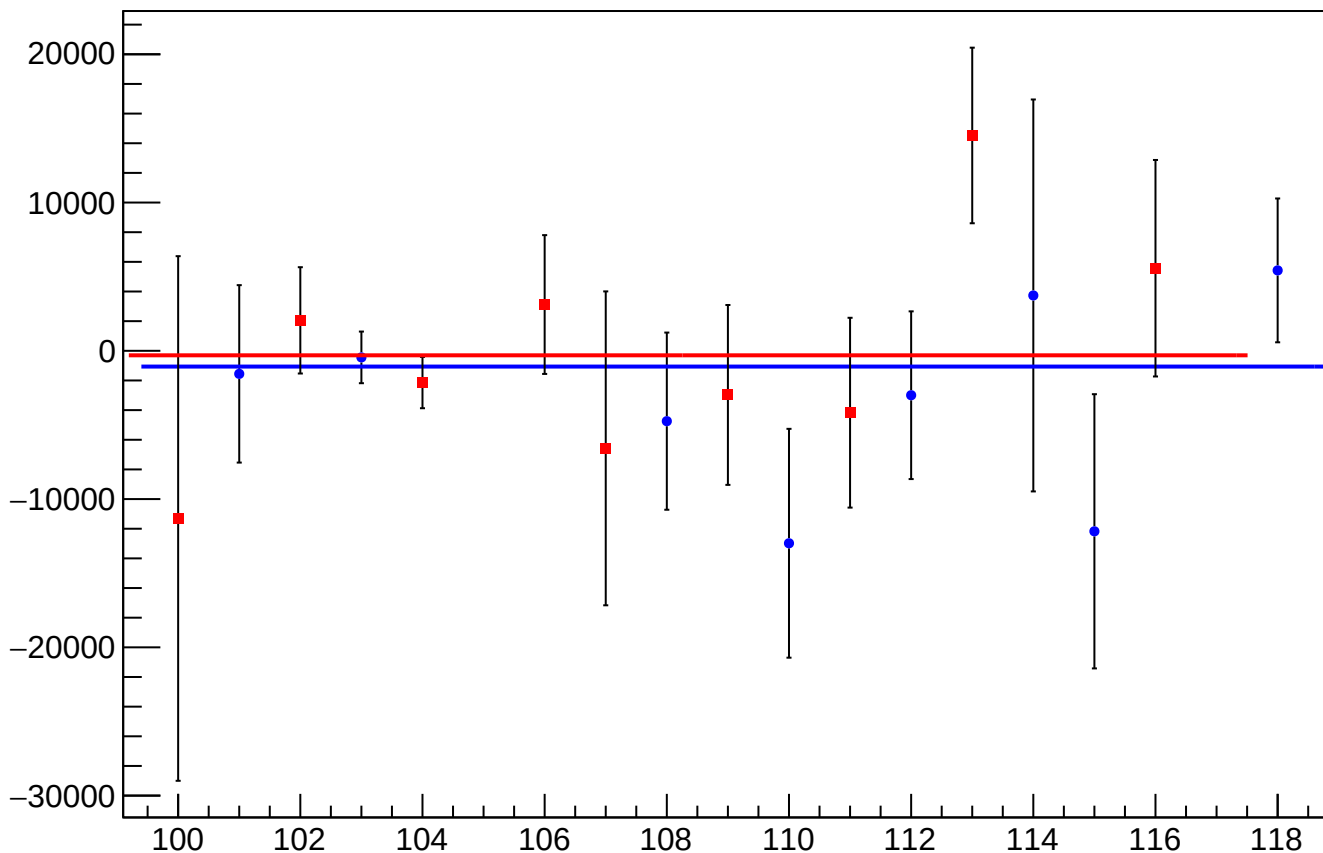
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1349.498+/-0.380 χ^2/NDF : 615202.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug



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: -303.337+/-1326.164 χ^2 /NDF: 10.3/8

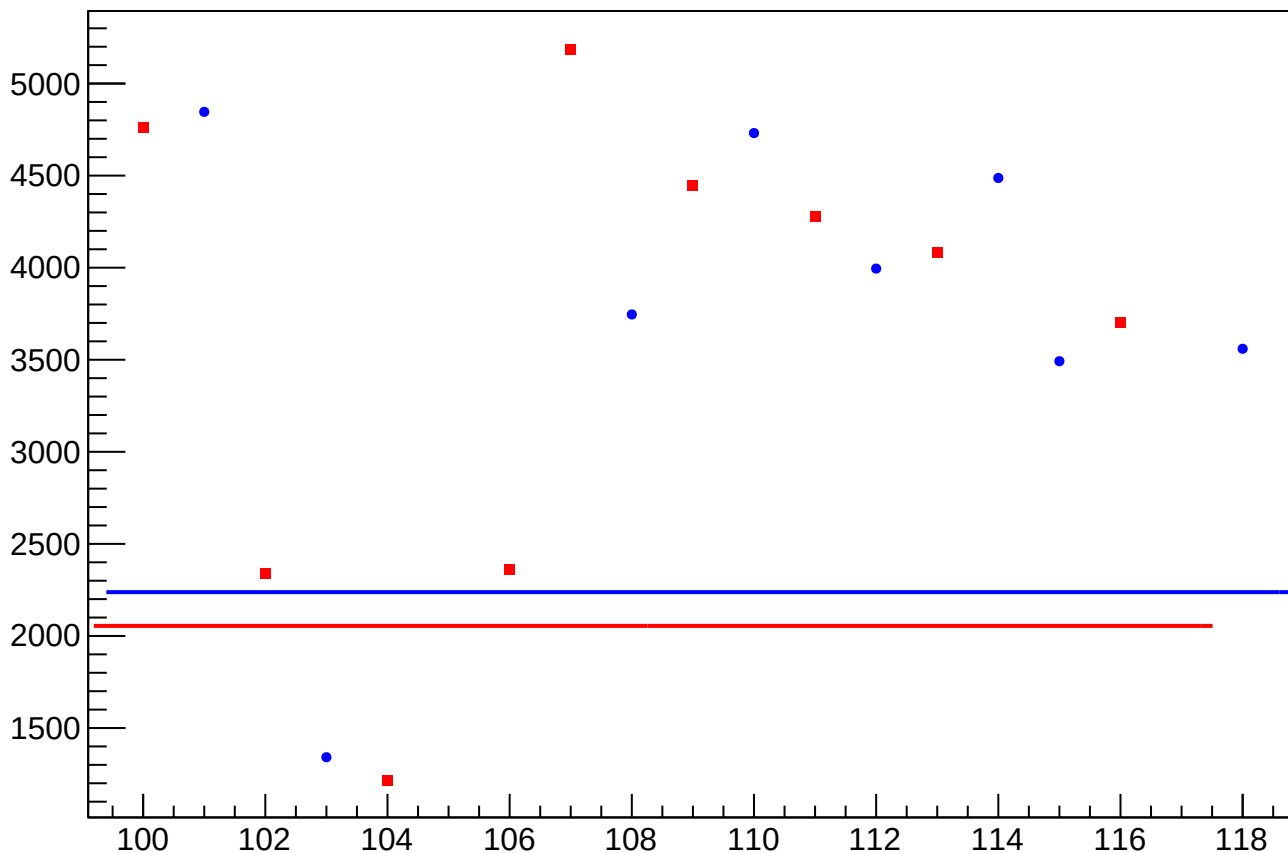
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -656.151+/-970.272 χ^2 /NDF: 16.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug



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: 2054.629+/-0.938 χ^2/NDF : 1602999.7/8

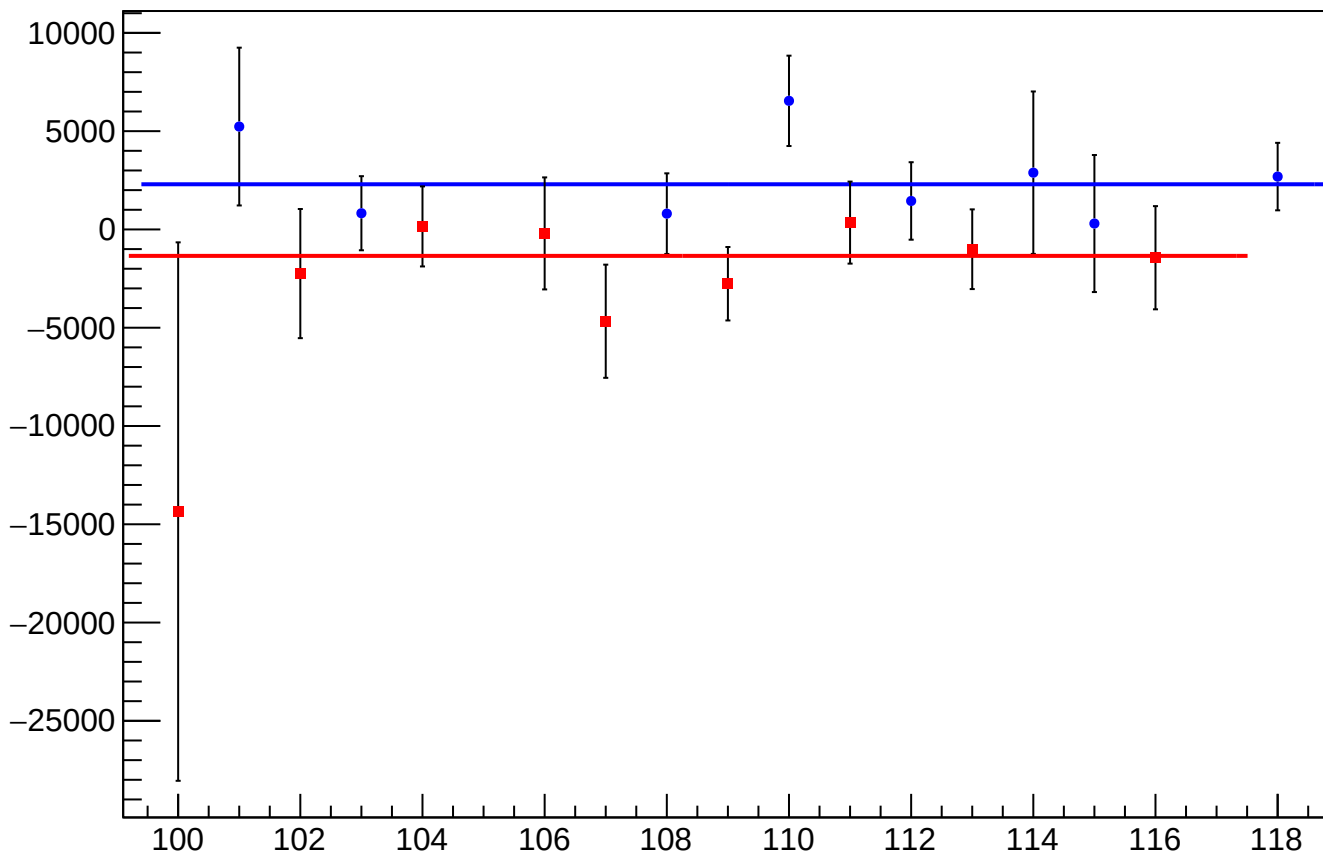
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2139.829+/-0.686 χ^2/NDF : 3303044.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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: -1345.289+/-819.900 χ^2/NDF : 4.3/8

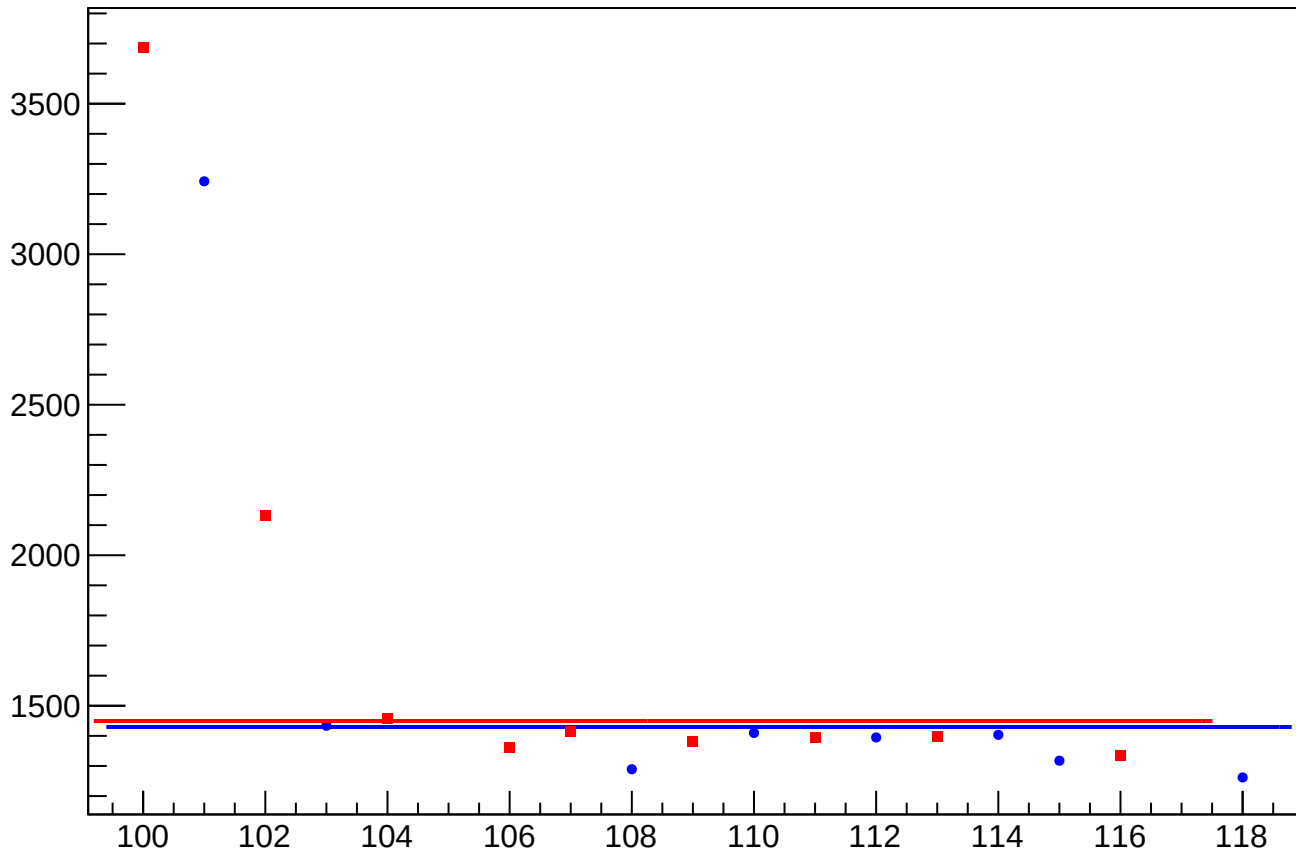
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.887+/-577.756 χ^2/NDF : 19.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1429.489 $\pm$ 0.576 χ^2 /NDF: 439241.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1449.343 $\pm$ 0.579 χ^2 /NDF: 151136.6/8

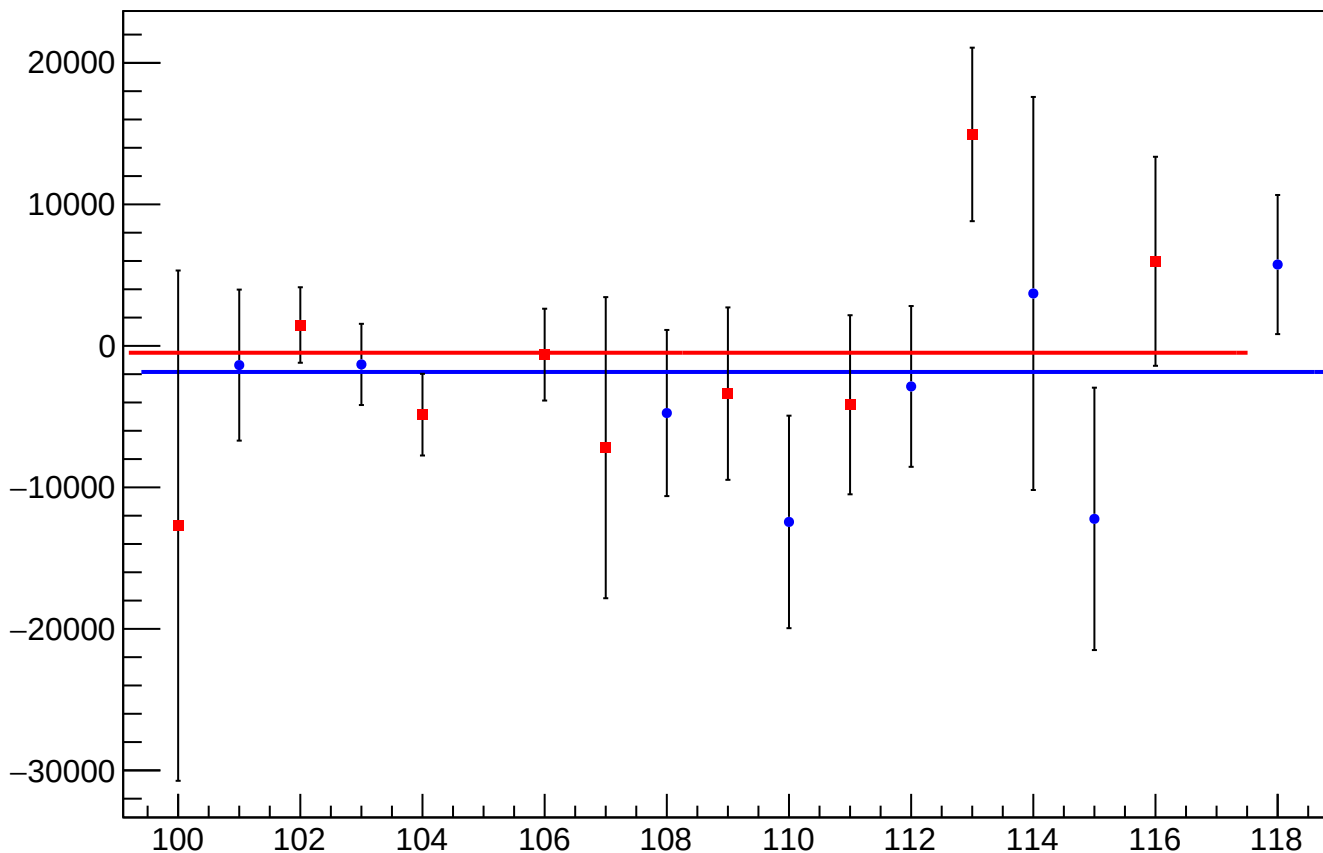
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1439.364 $\pm$ 0.408 χ^2 /NDF: 590969.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug



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: -485.074+/-1467.666 χ^2/NDF : 11.4/8

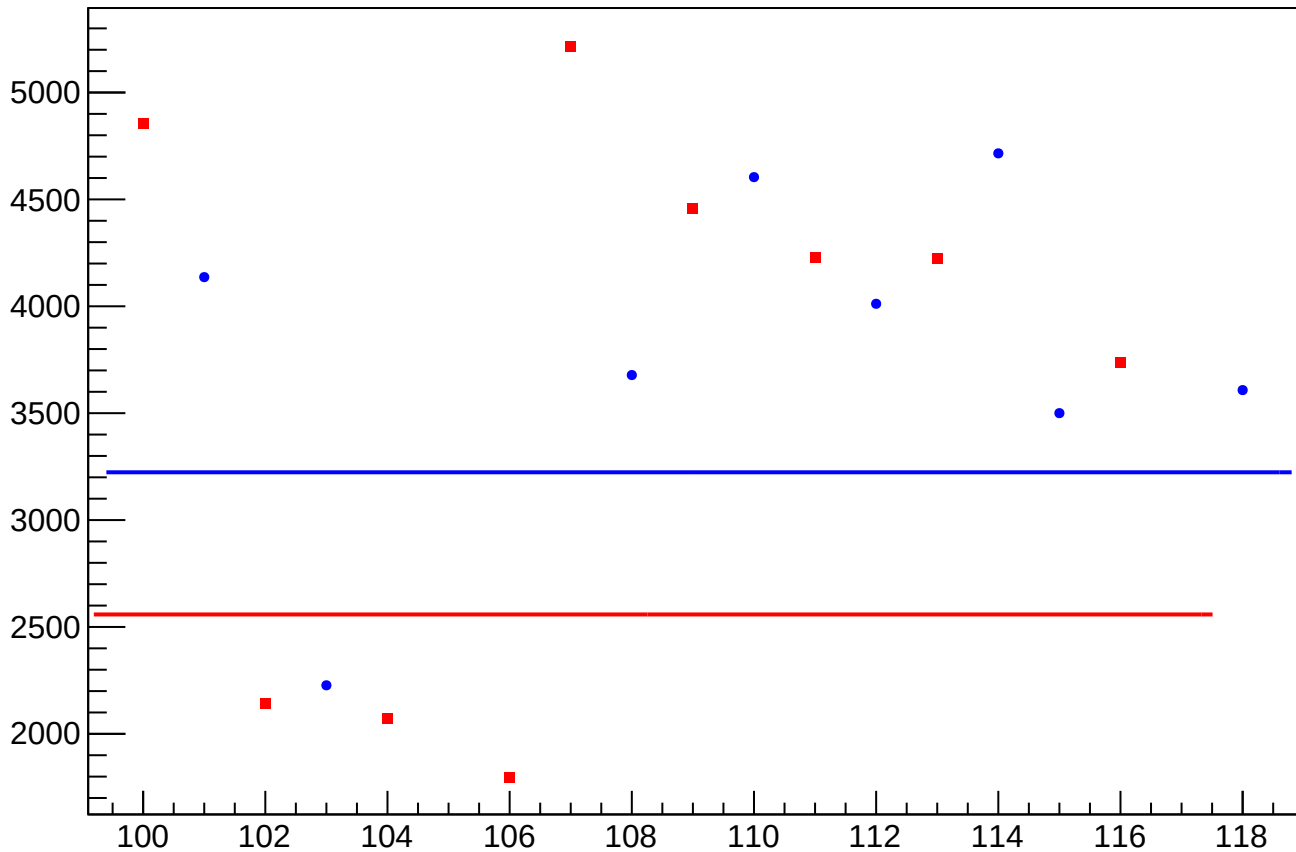
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.976+/-1149.552 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



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: 2558.512+/-1.038 χ^2/NDF : 903878.3/8

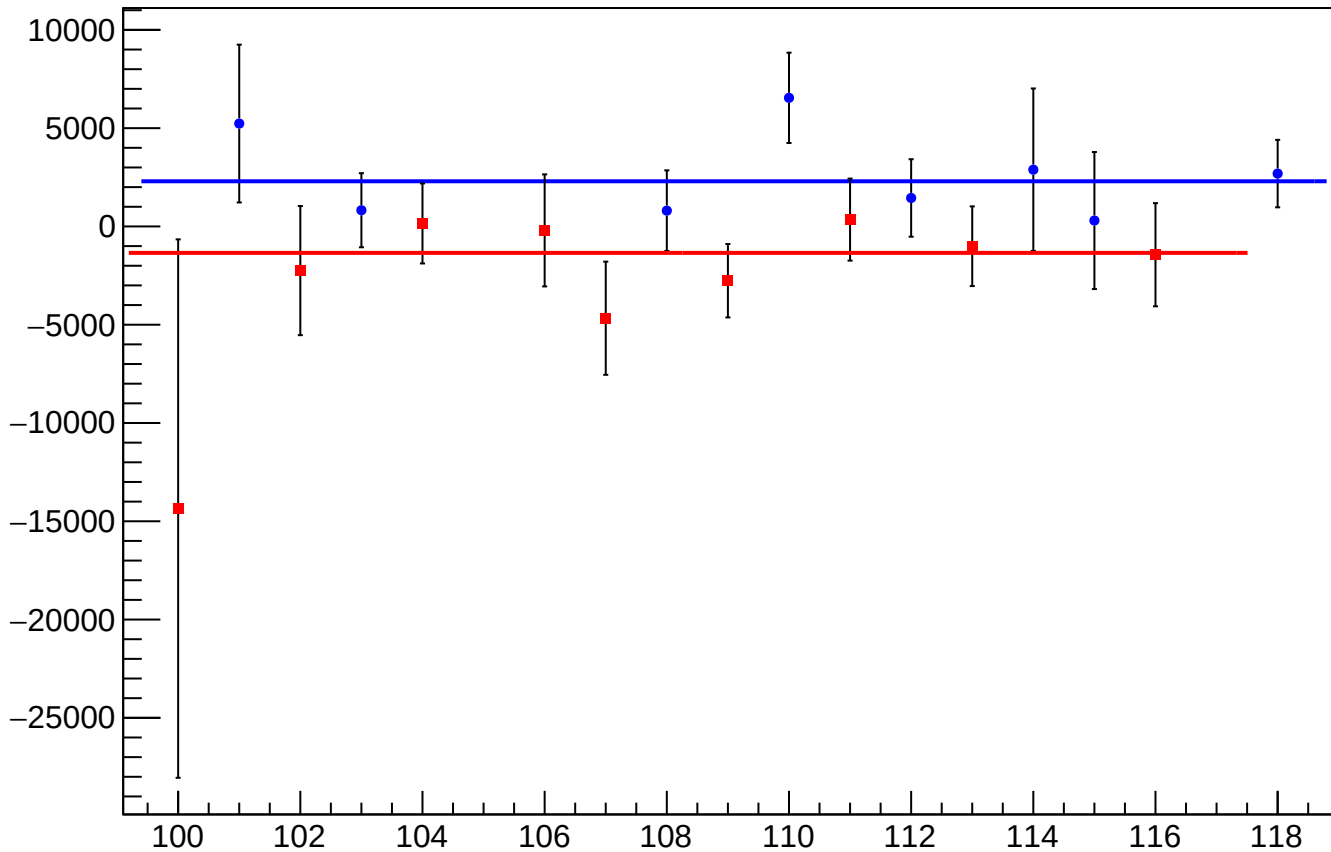
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.536+/-0.813 χ^2/NDF : 1517465.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug



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: -1345.292+/-819.900 χ^2/NDF : 4.3/8

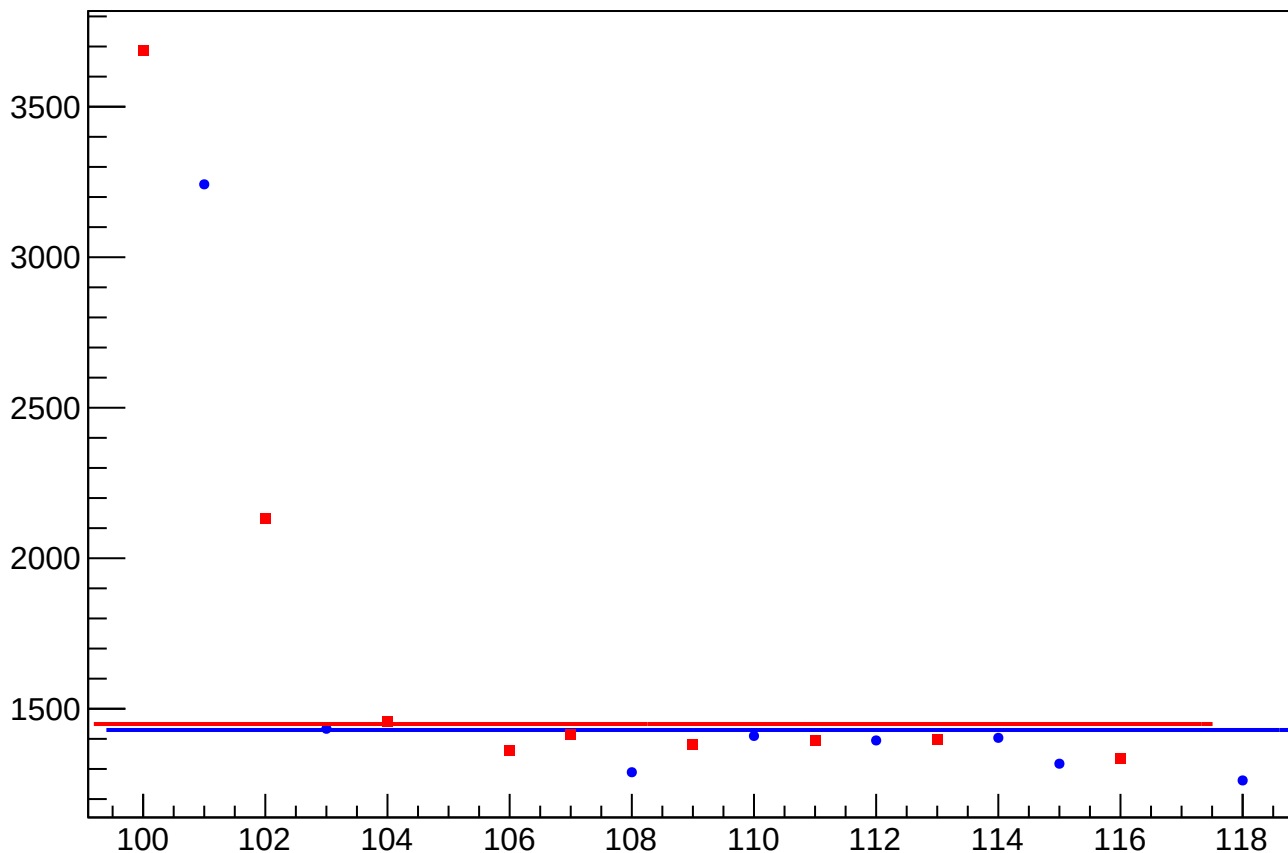
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.887+/-577.755 χ^2/NDF : 19.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1429.488 $\pm$ 0.576 χ^2 /NDF: 439241.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1449.343 $\pm$ 0.579 χ^2 /NDF: 151135.8/8

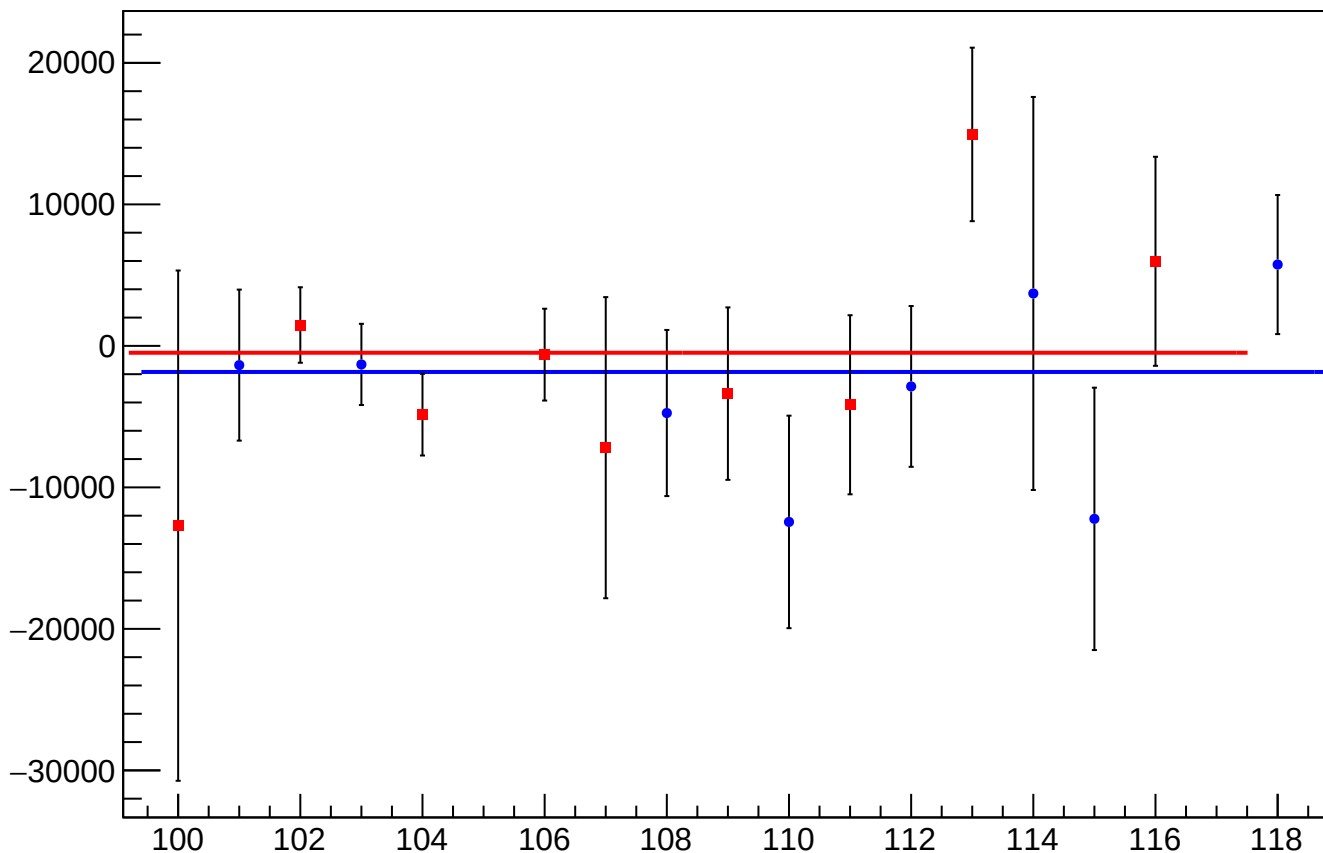
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1439.363 $\pm$ 0.408 χ^2 /NDF: 590968.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug



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: -485.075+/-1467.662 χ^2/NDF : 11.4/8

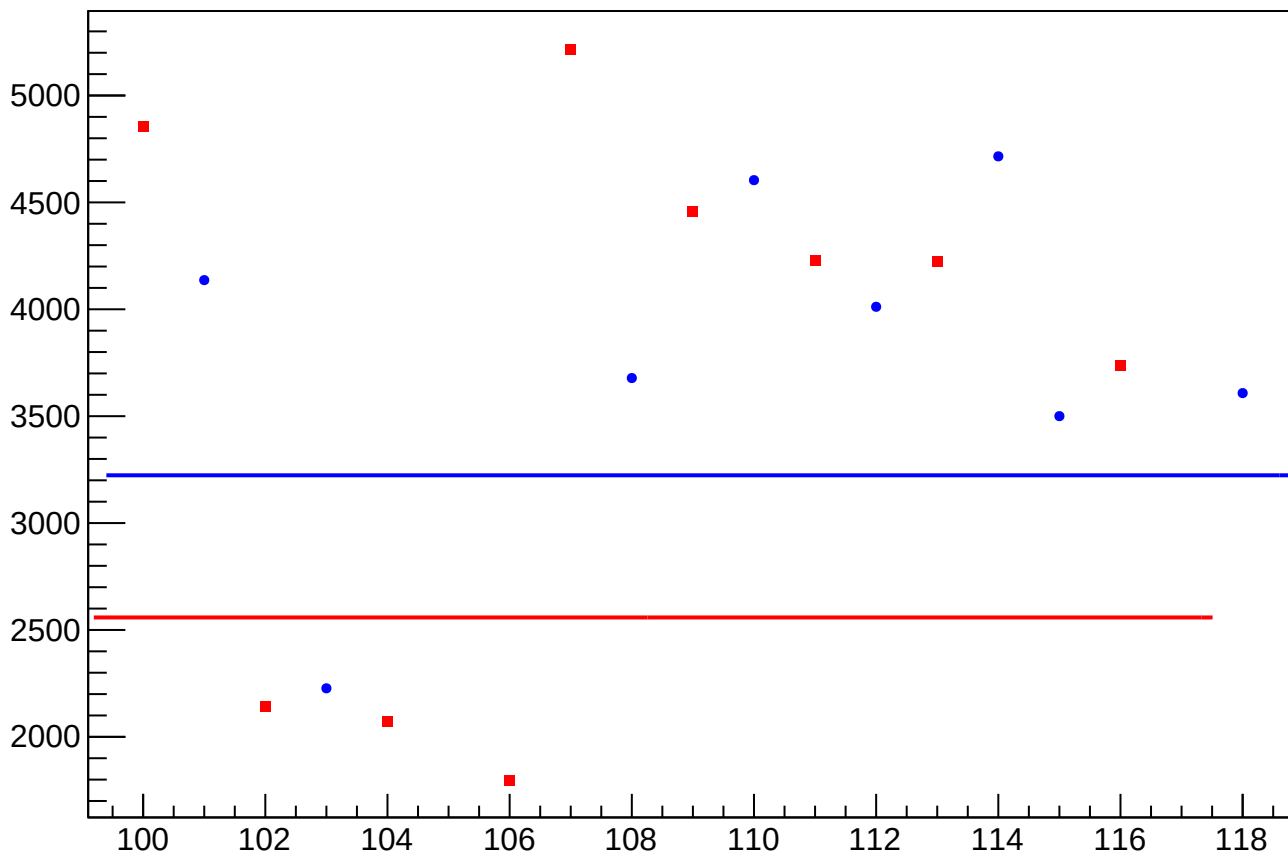
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1009.975+/-1149.550 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug



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: 2558.505+/-1.038 χ^2/NDF : 903879.9/8

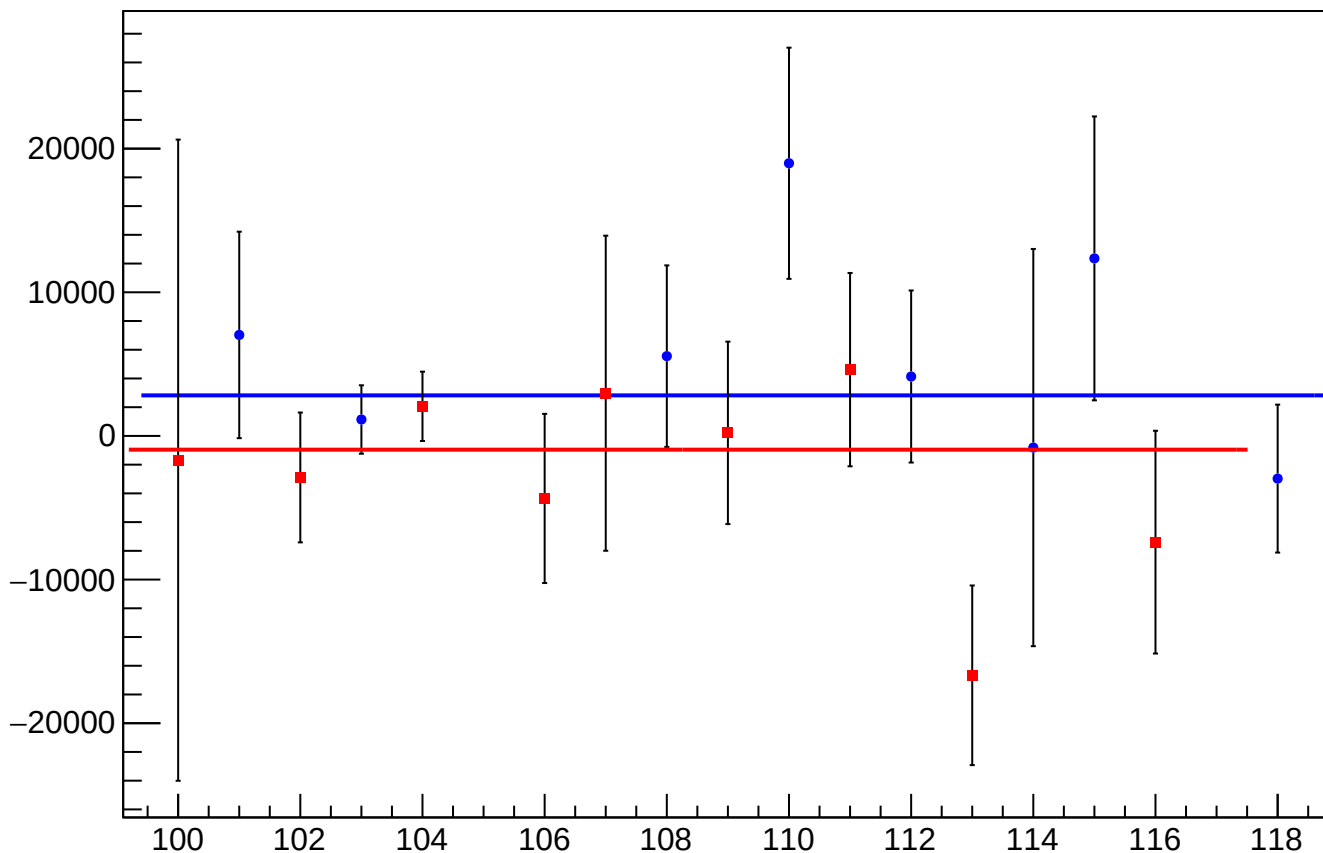
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2815.528+/-0.813 χ^2/NDF : 1517467.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



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: -956.282+/-1692.742 χ^2/NDF : 9.9/8

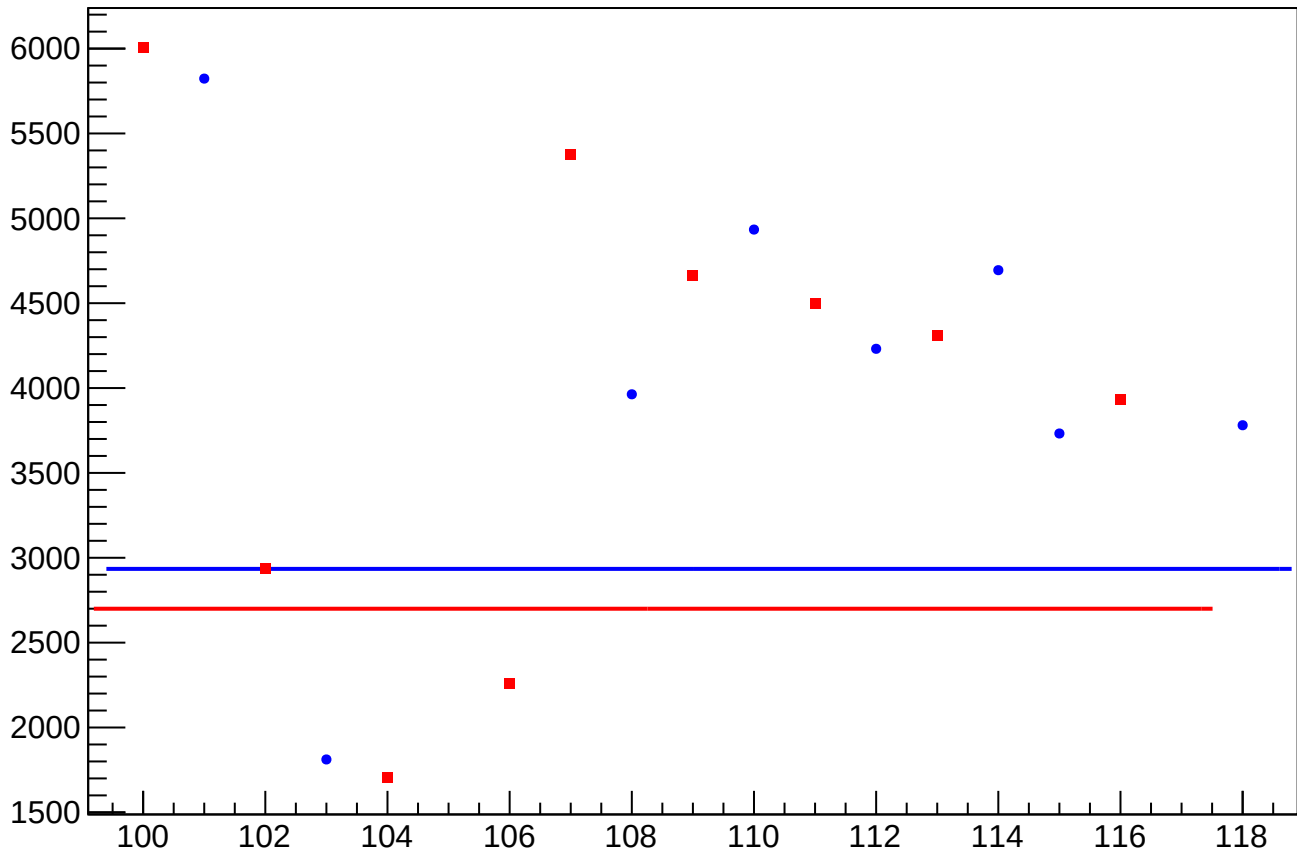
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 843.395+/-1225.103 χ^2/NDF : 19.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



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: 2699.799+/-1.171 χ^2/NDF : 1042238.0/8

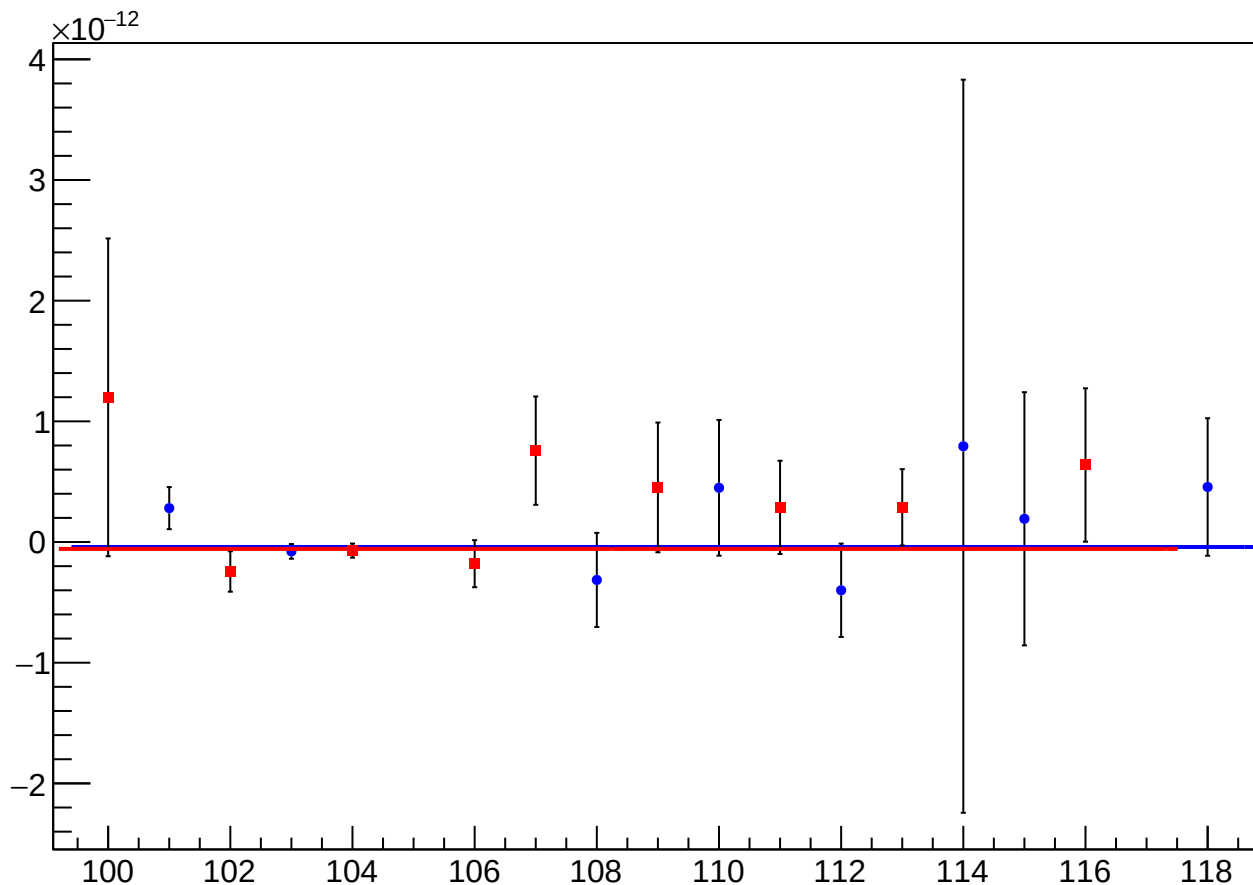
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2809.035+/-0.856 χ^2/NDF : 2198464.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug



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 : 10.0/8

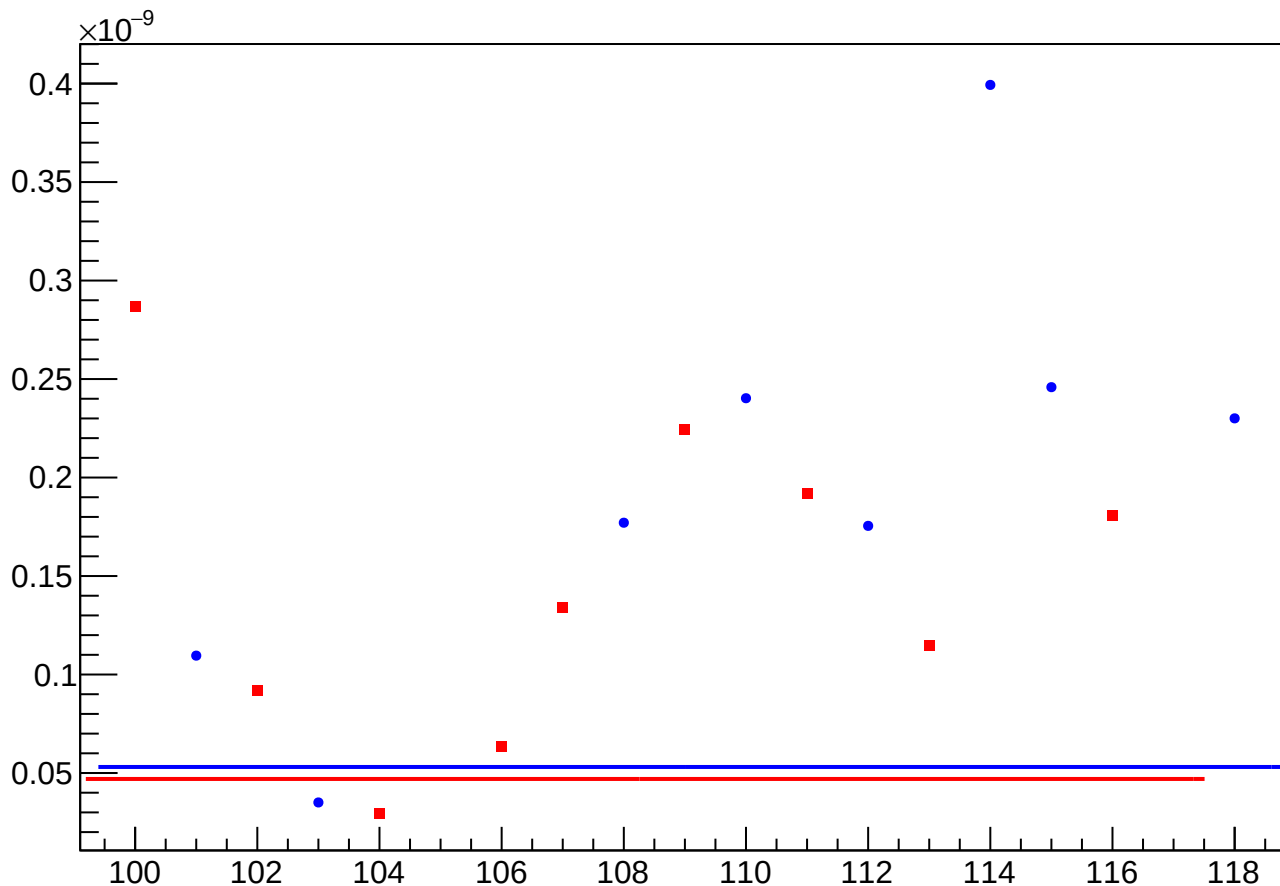
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug



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 : 1160317.0/8

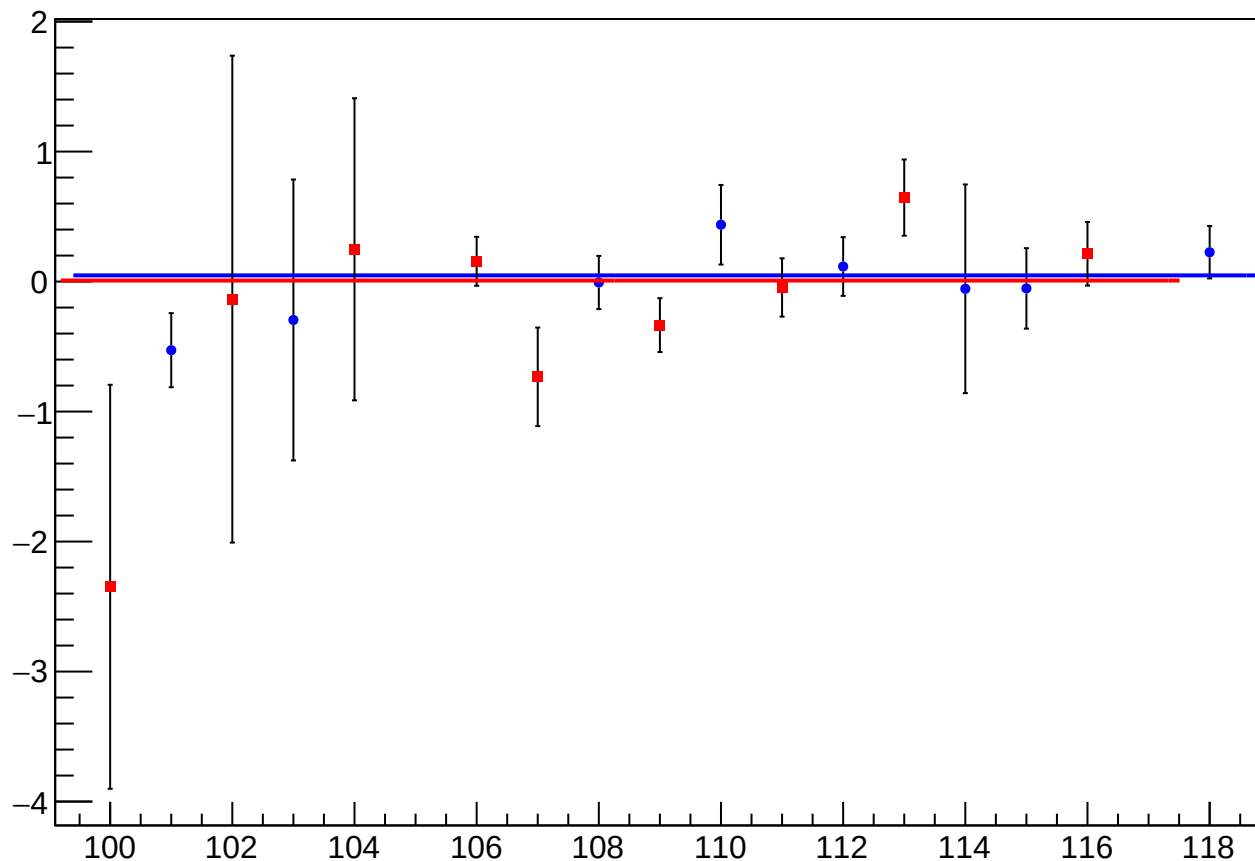
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2468337.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.096 χ^2/NDF : 15.0/8

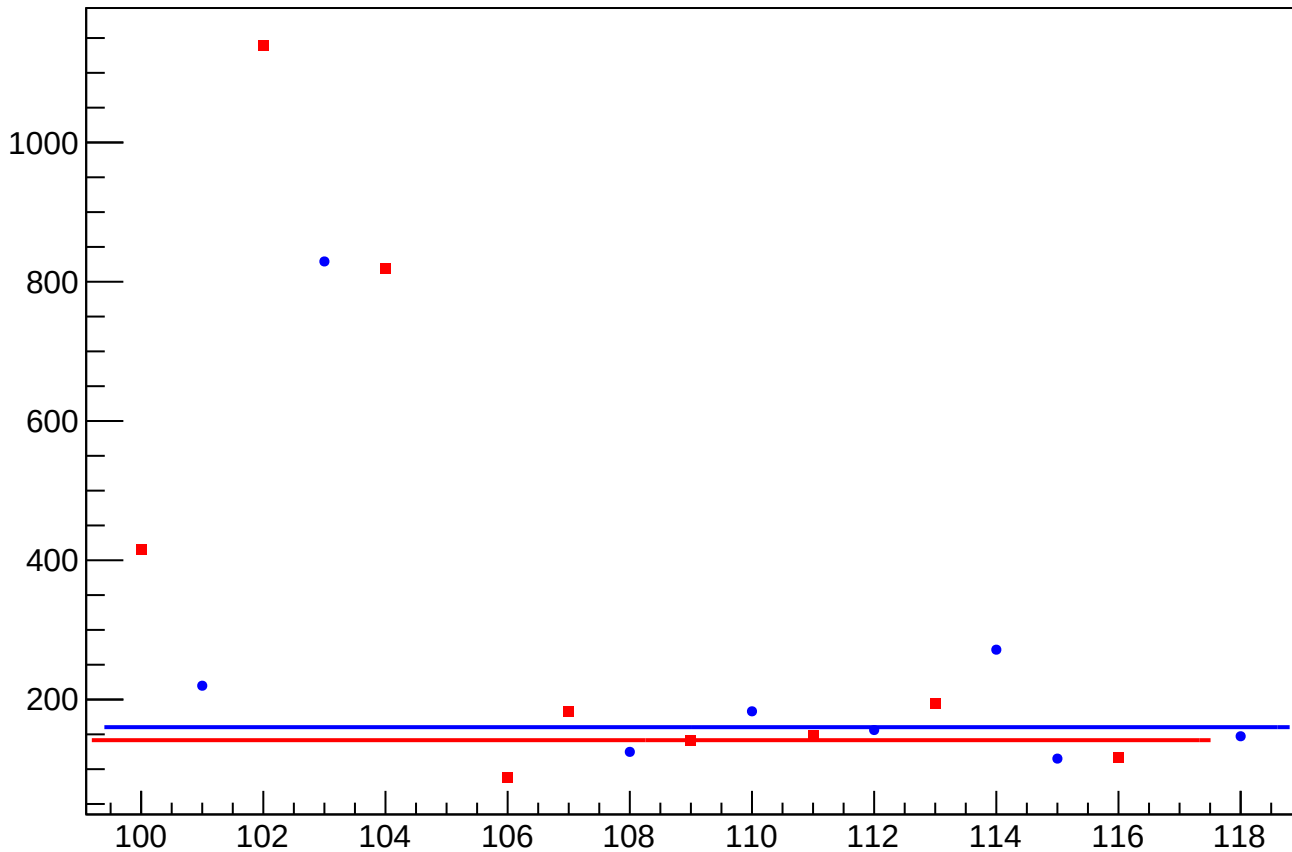
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.027 $\pm$ 0.069 χ^2/NDF : 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug



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: 141.631+/-0.068 χ^2/NDF : 1581630.2/8

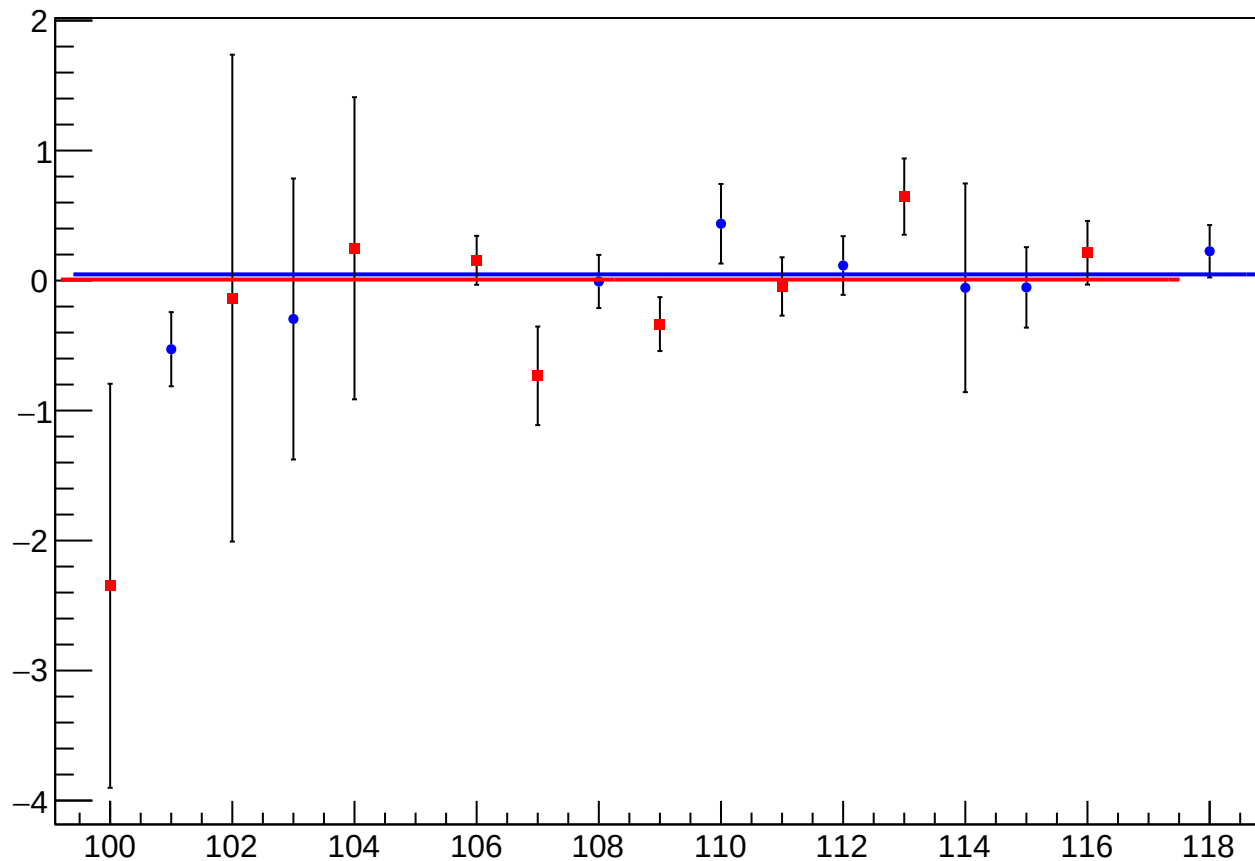
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.798+/-0.049 χ^2/NDF : 2633223.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.096 χ^2 /NDF: 15.0/8

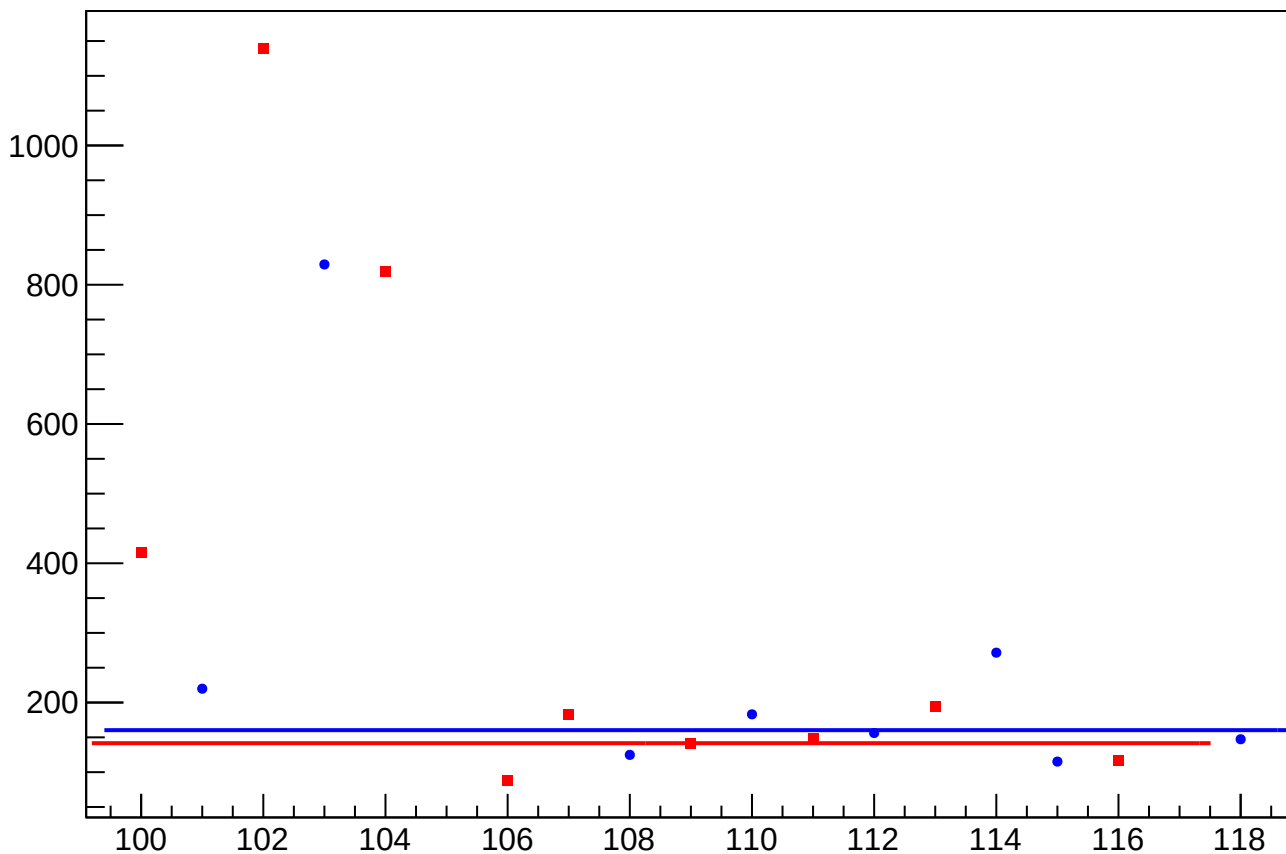
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.069 χ^2 /NDF: 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 141.631+/-0.068 χ^2/NDF : 1581630.2/8

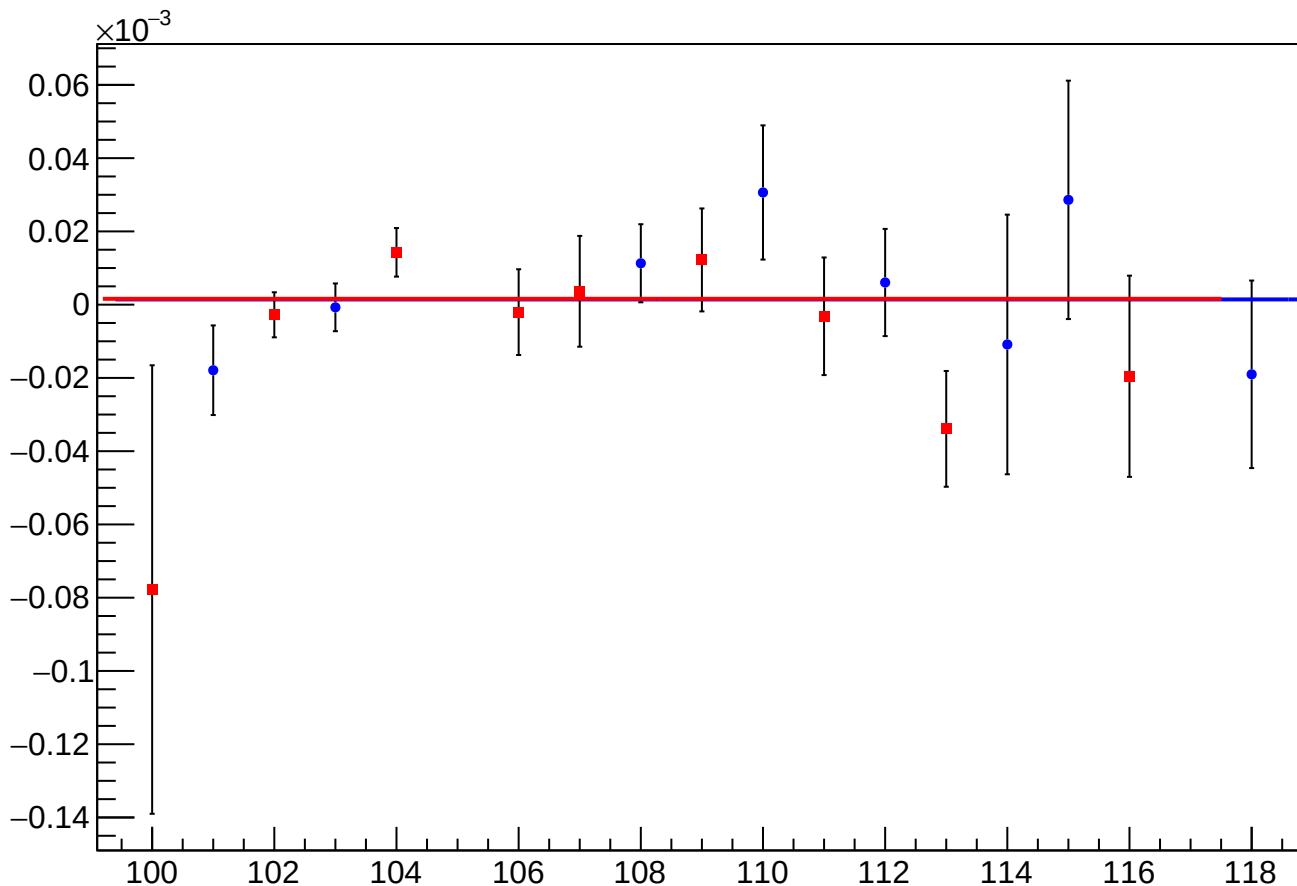
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.798+/-0.049 χ^2/NDF : 2633223.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 12.3/8

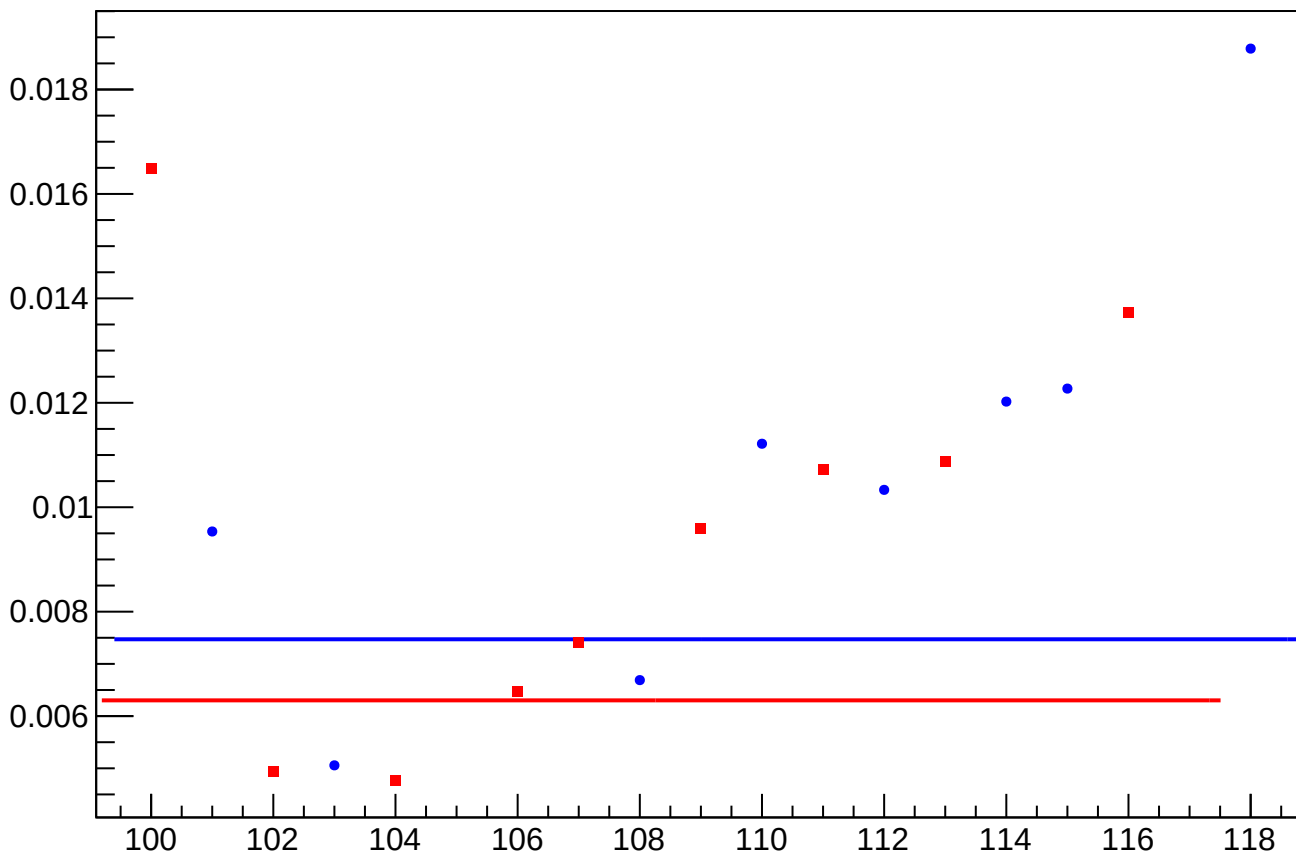
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.006+/-0.000 χ^2/NDF : 845608.9/8

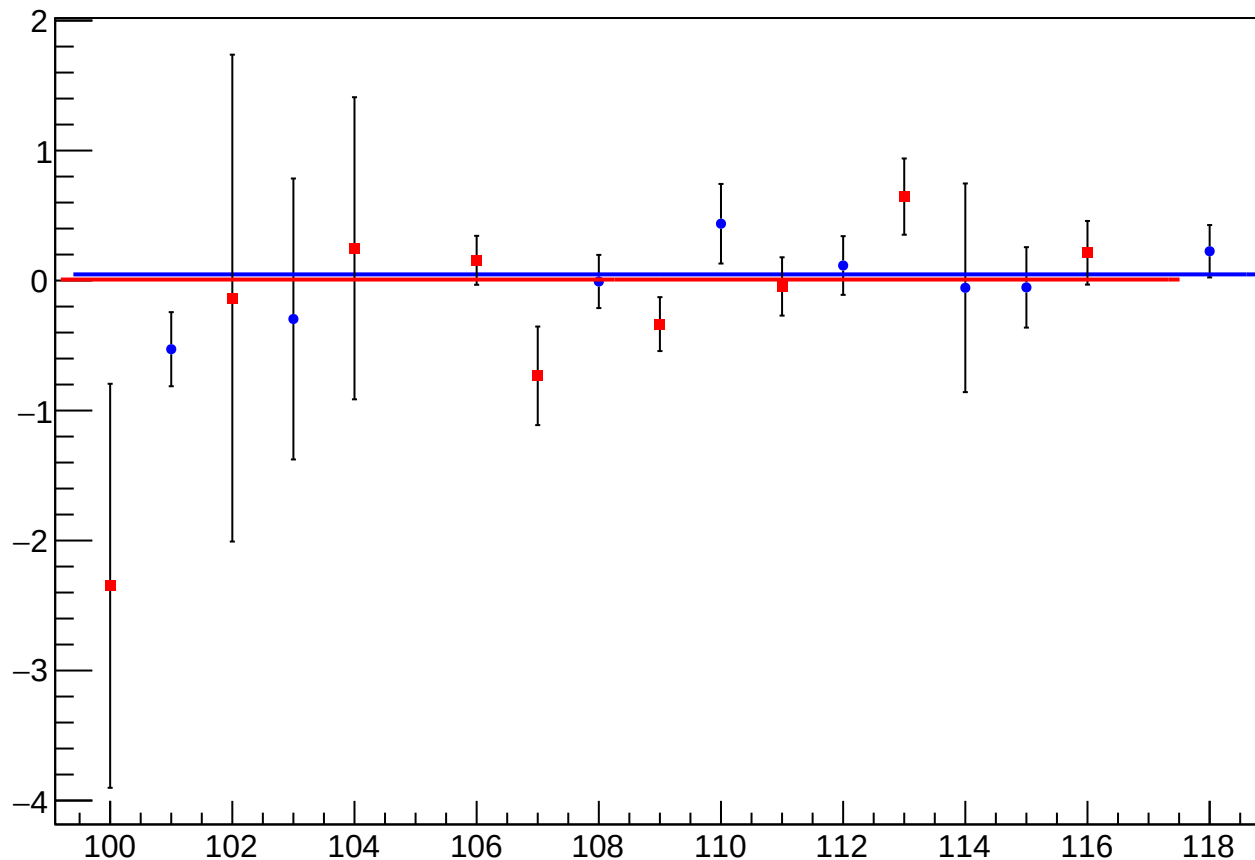
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1897246.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.096 χ^2 /NDF: 15.0/8

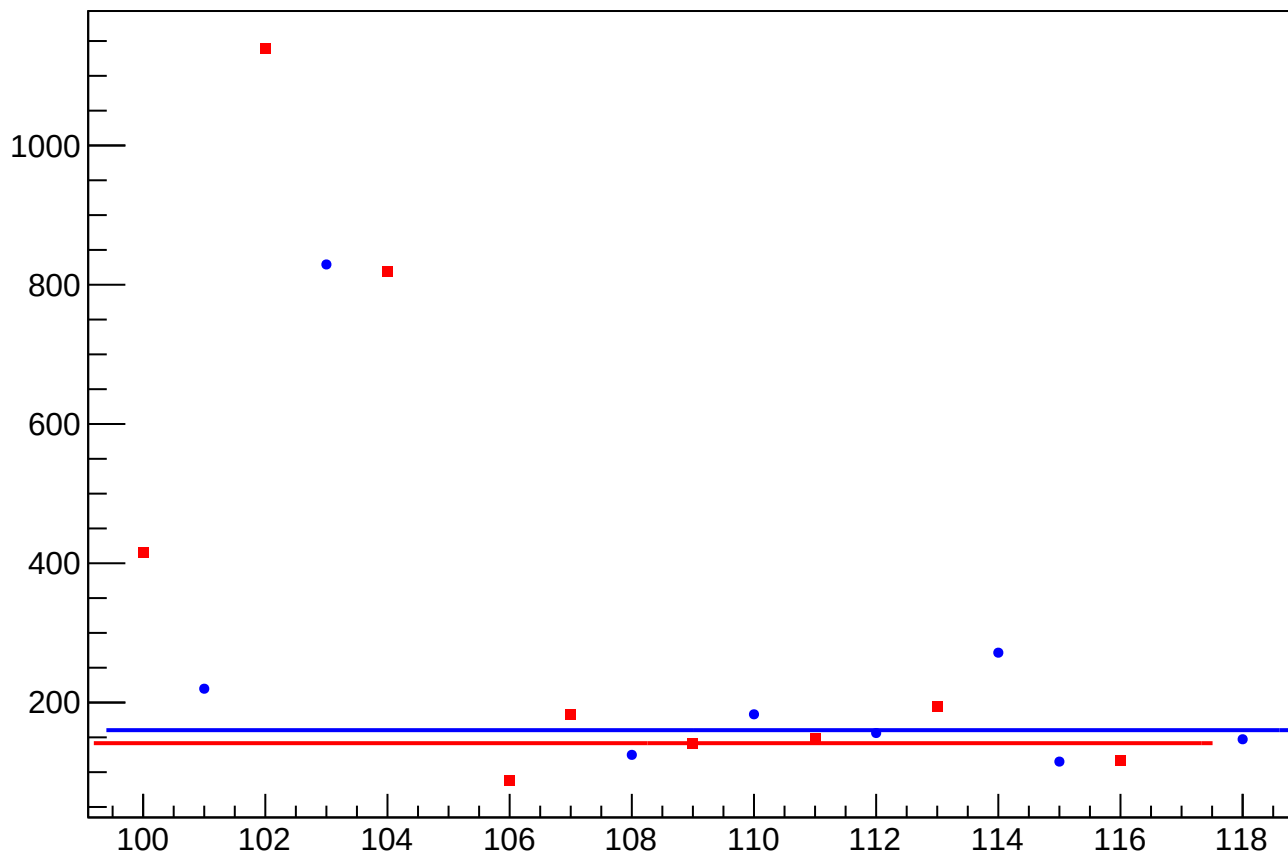
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.069 χ^2 /NDF: 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 141.631+/-0.068 χ^2/NDF : 1581634.1/8

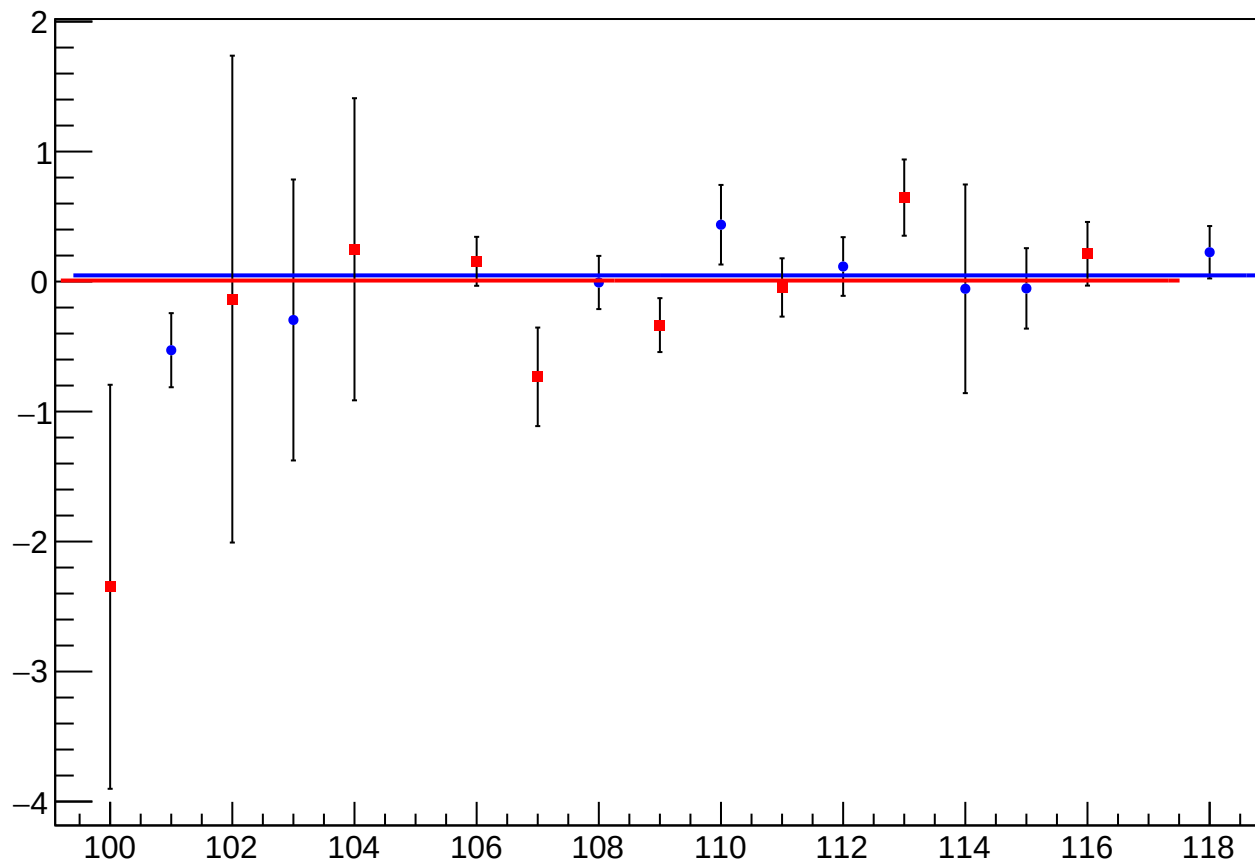
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.798+/-0.049 χ^2/NDF : 2633216.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.096 χ^2 /NDF: 15.0/8

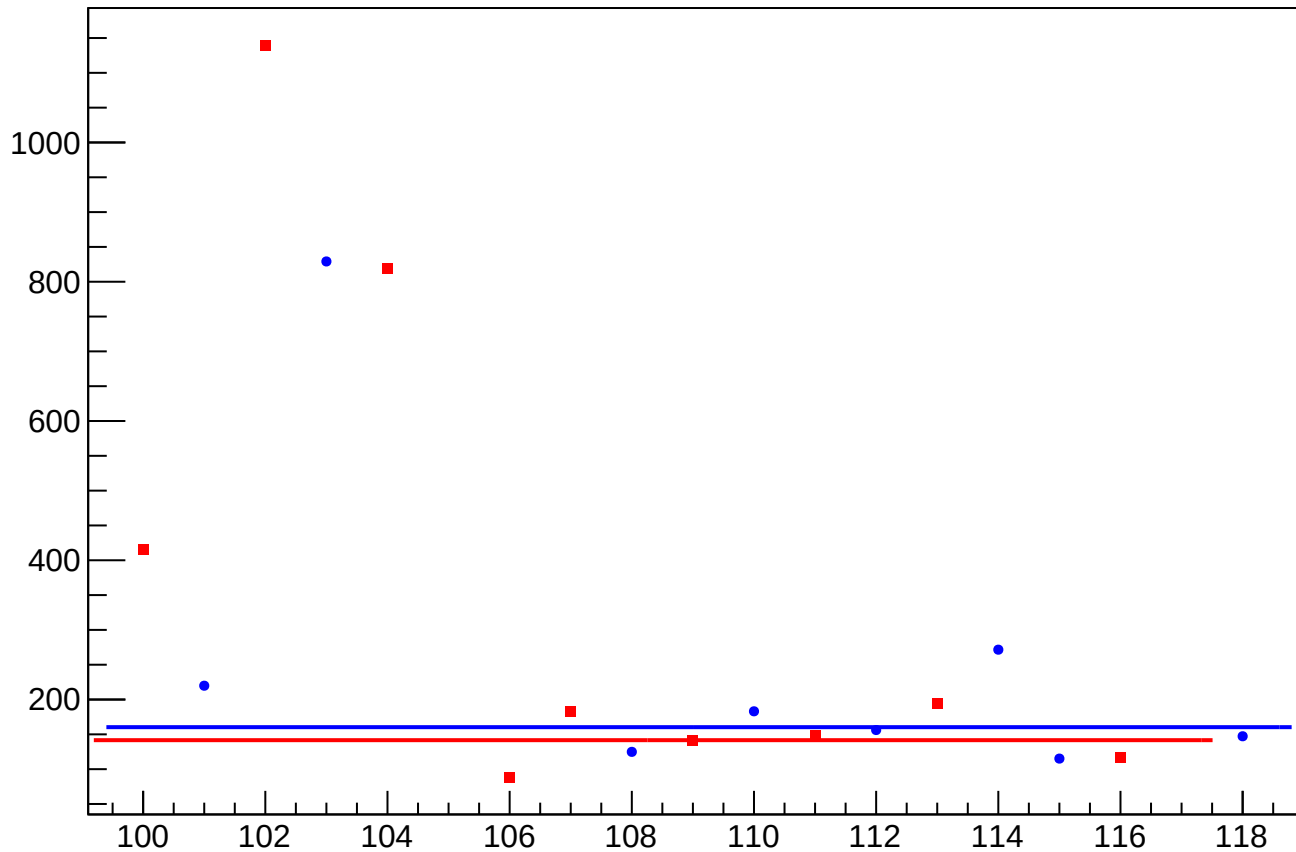
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.069 χ^2 /NDF: 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 141.631+/-0.068 χ^2/NDF : 1581634.1/8

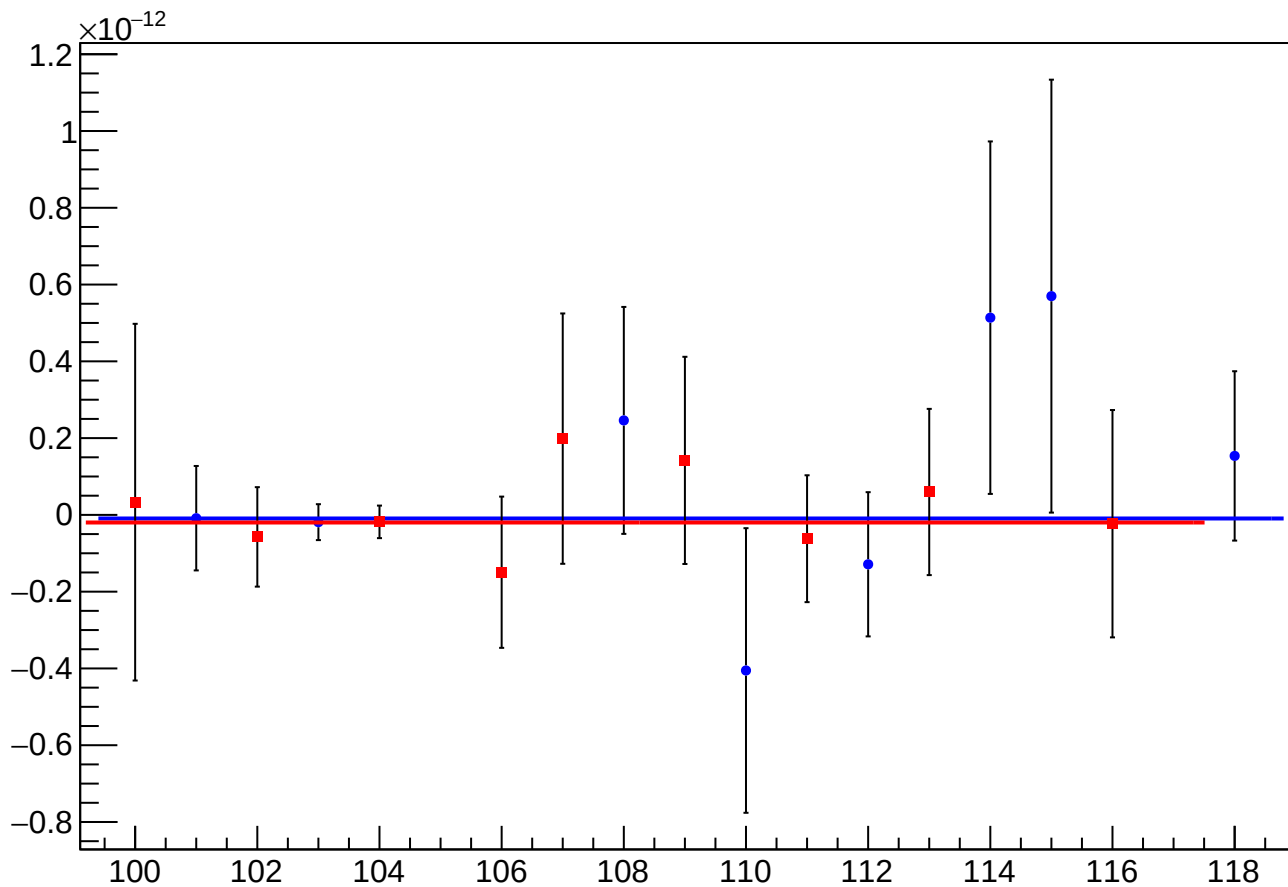
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.798+/-0.049 χ^2/NDF : 2633216.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



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: 1.5/8

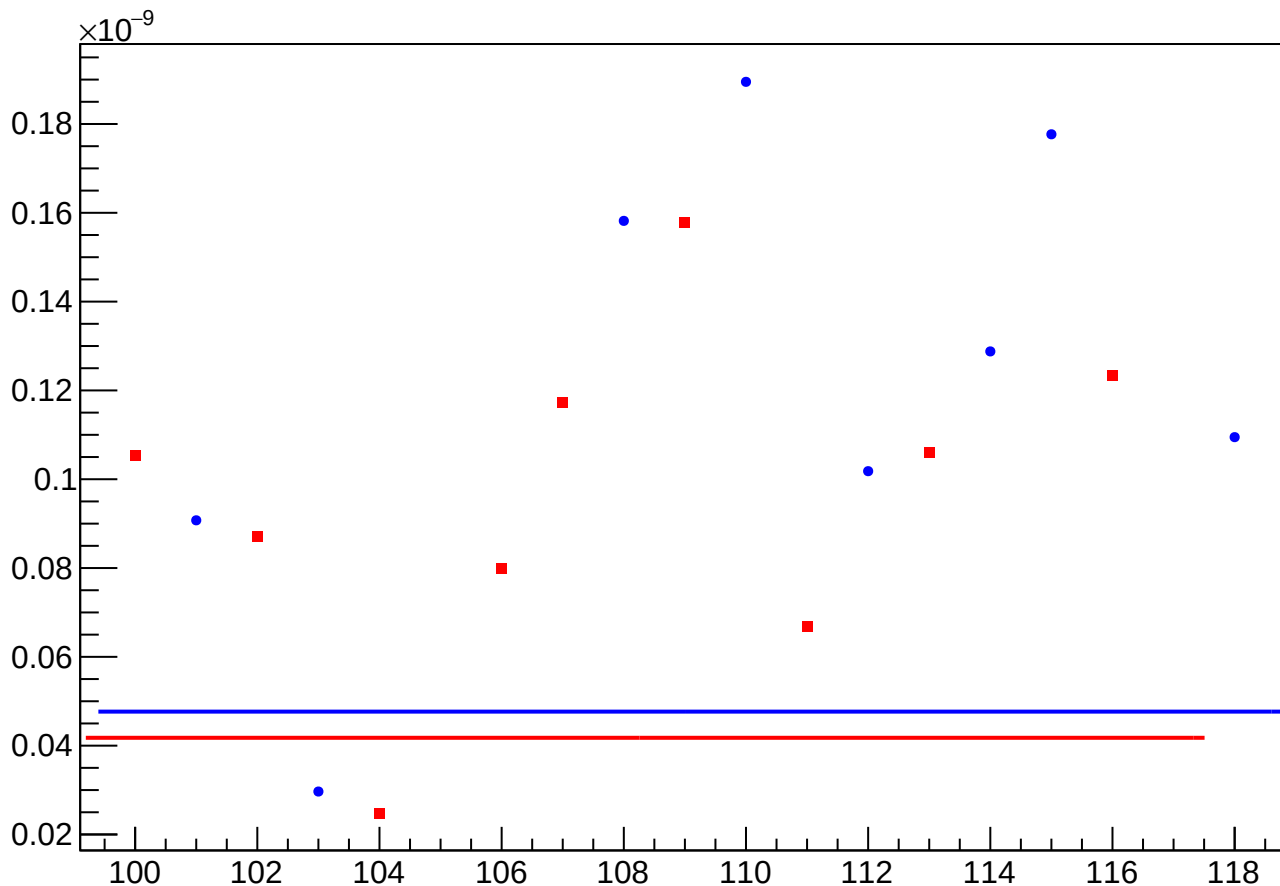
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1534168.2/8

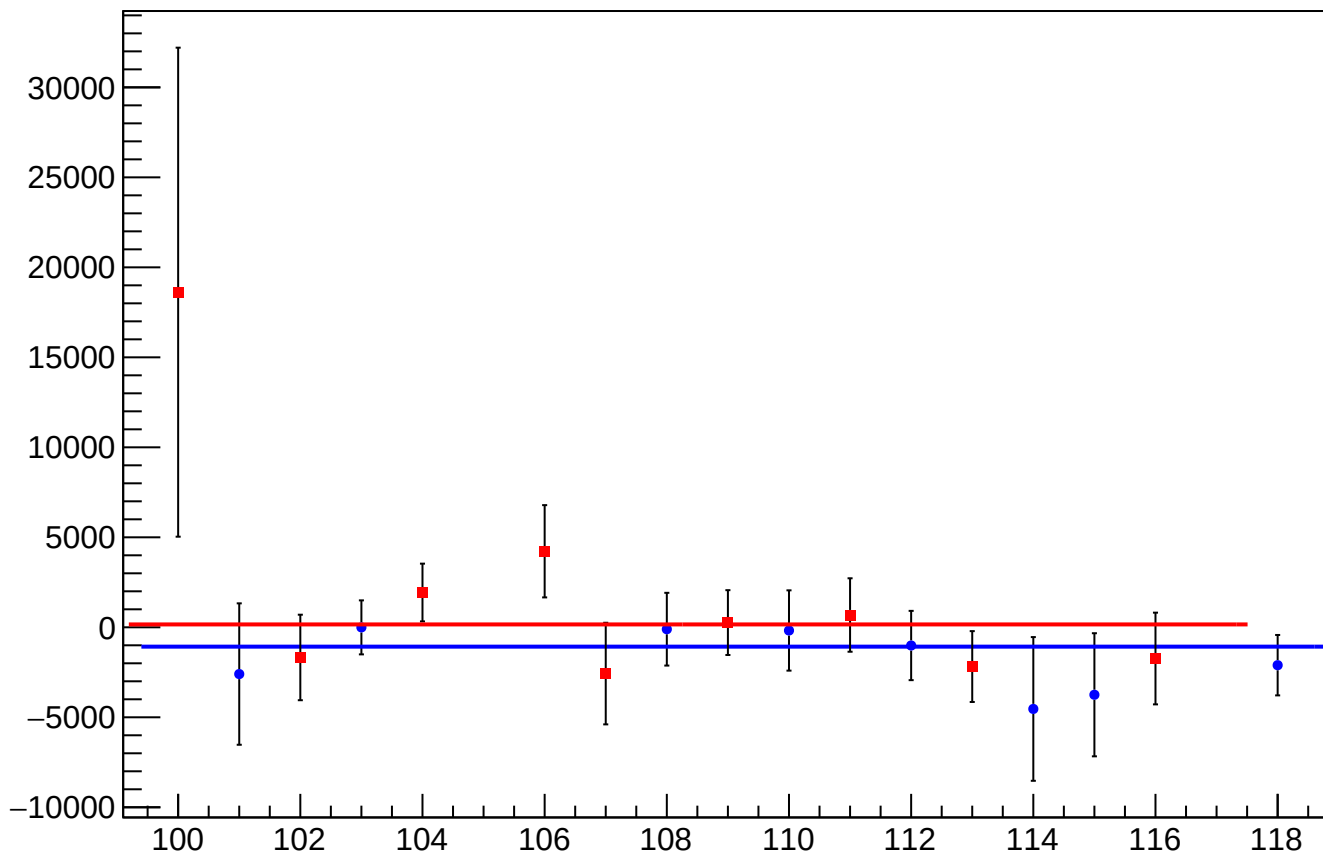
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3117803.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



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: 159.902+/-743.470 χ^2/NDF : 9.1/8

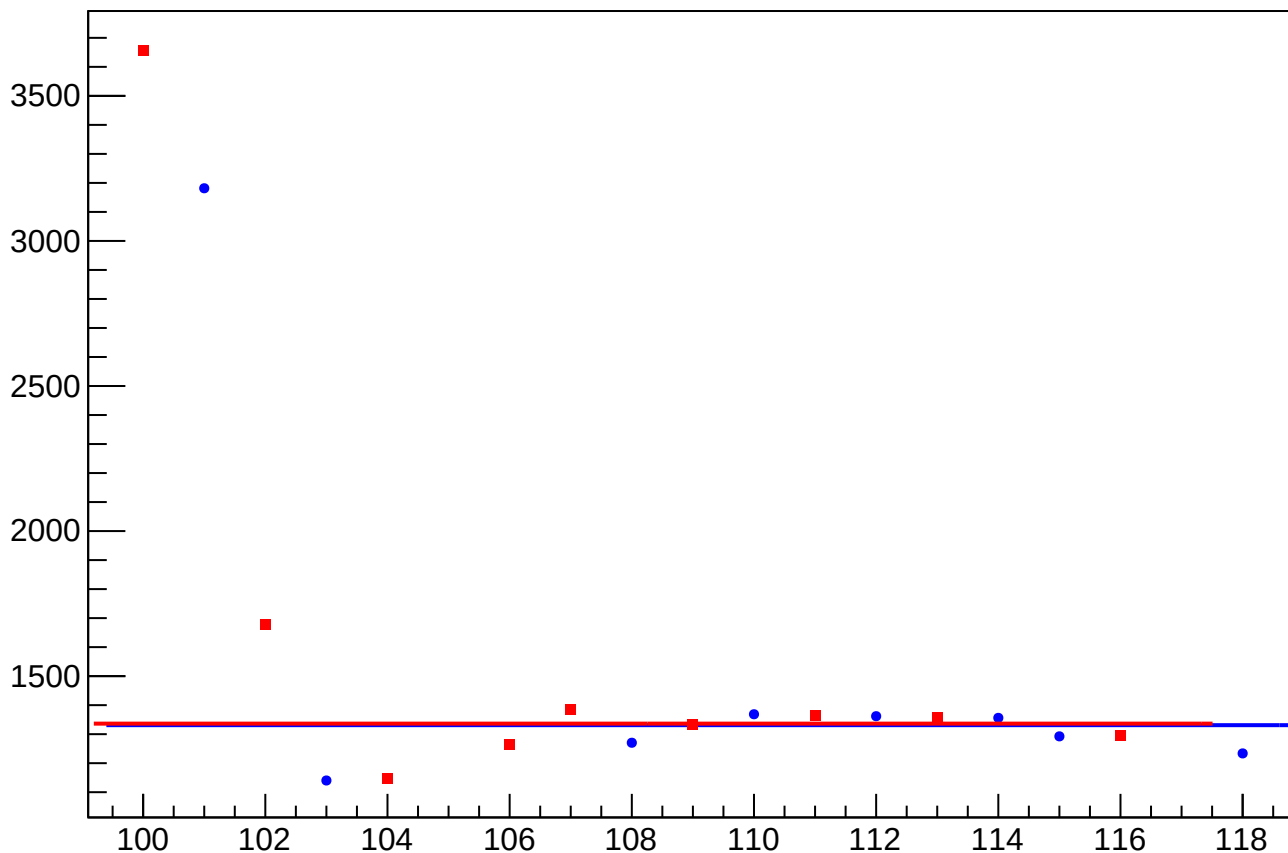
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -443.122+/-531.708 χ^2/NDF : 13.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



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: 1336.314+/-0.526 χ^2/NDF : 130057.6/8

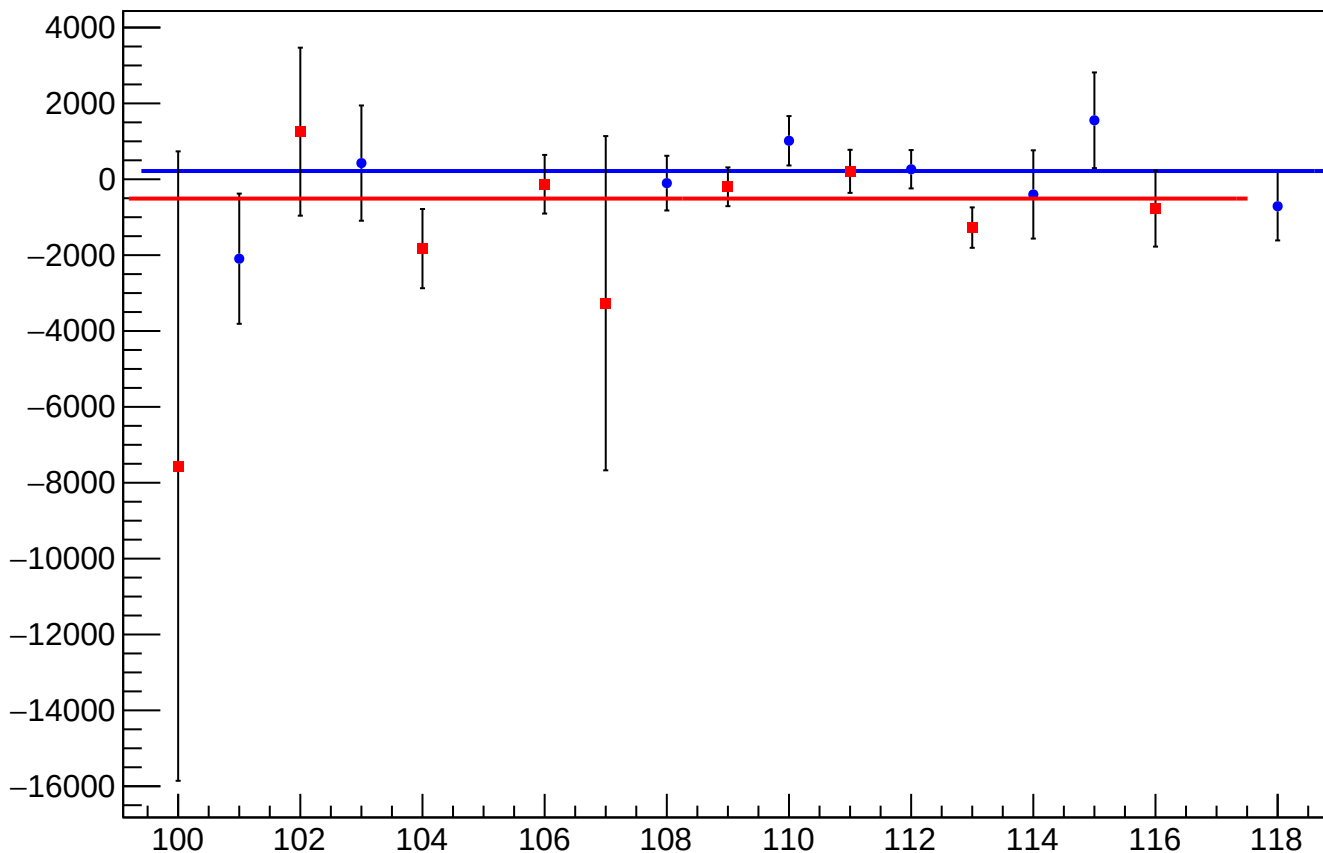
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.723+/-0.376 χ^2/NDF : 616119.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 217.358 $\pm$ 294.011 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -508.939 $\pm$ 264.319 χ^2 /NDF: 7.7/8

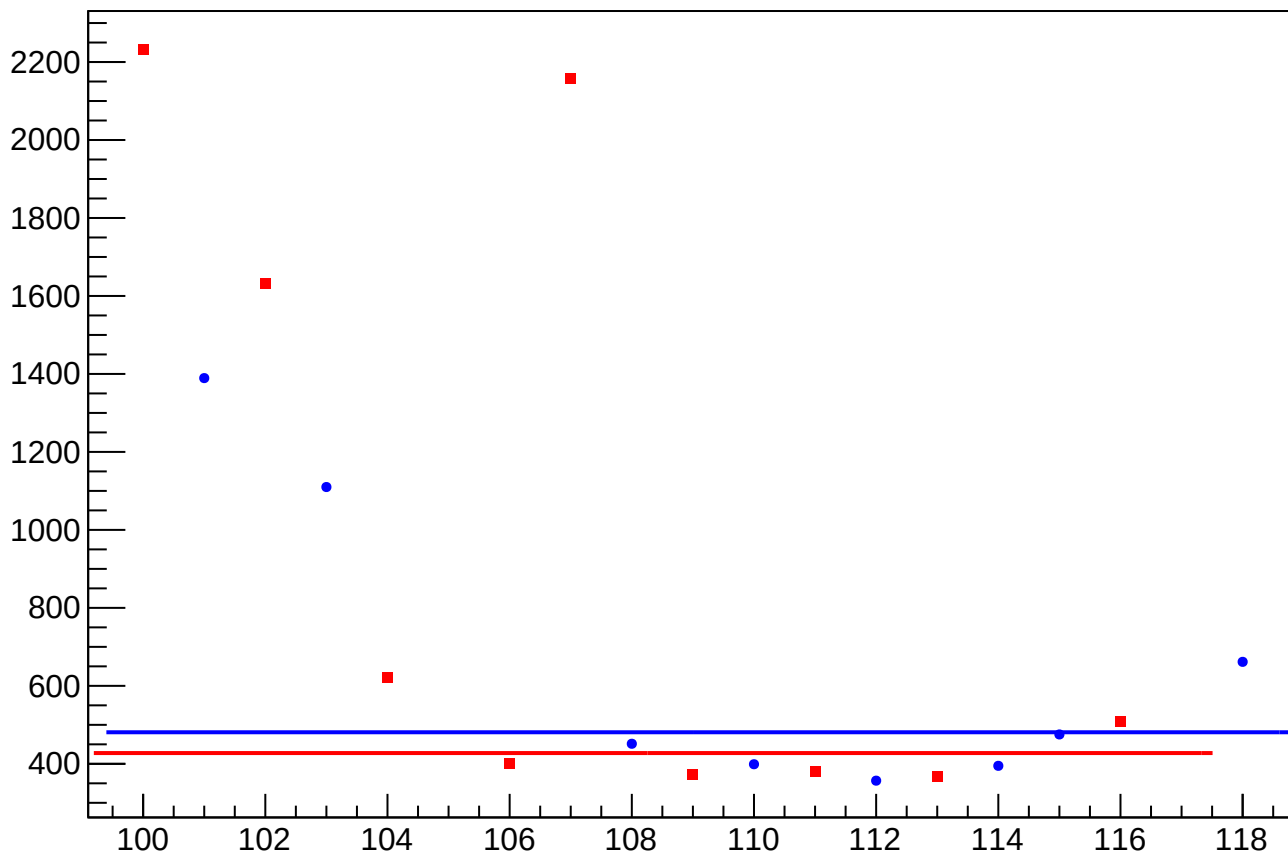
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -184.307 $\pm$ 196.564 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



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: 427.631+/-0.187 χ^2/NDF : 1141939.1/8

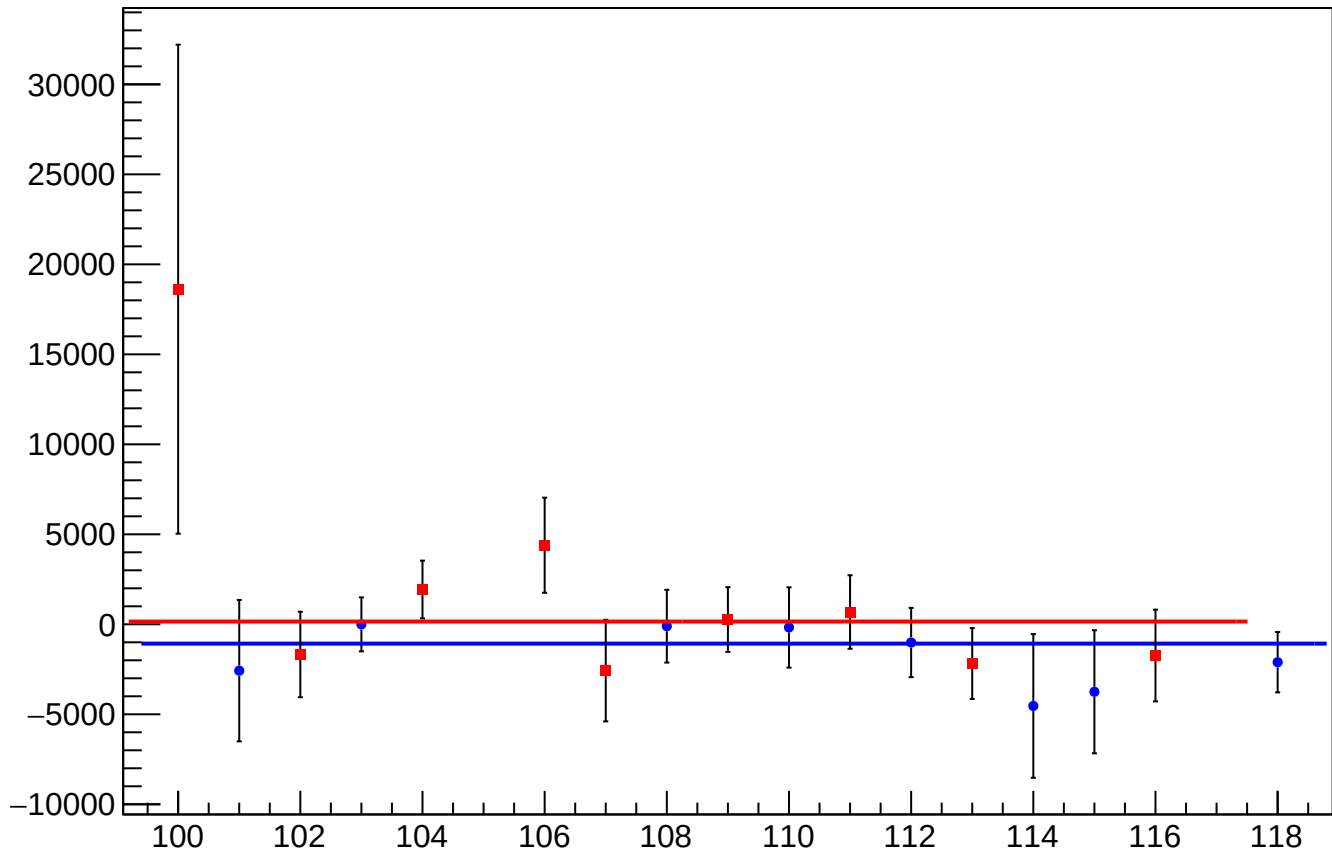
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.463+/-0.139 χ^2/NDF : 2328347.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1073.568 $\pm$ 760.725 χ^2/NDF : 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 152.882 $\pm$ 745.348 χ^2/NDF : 9.2/8

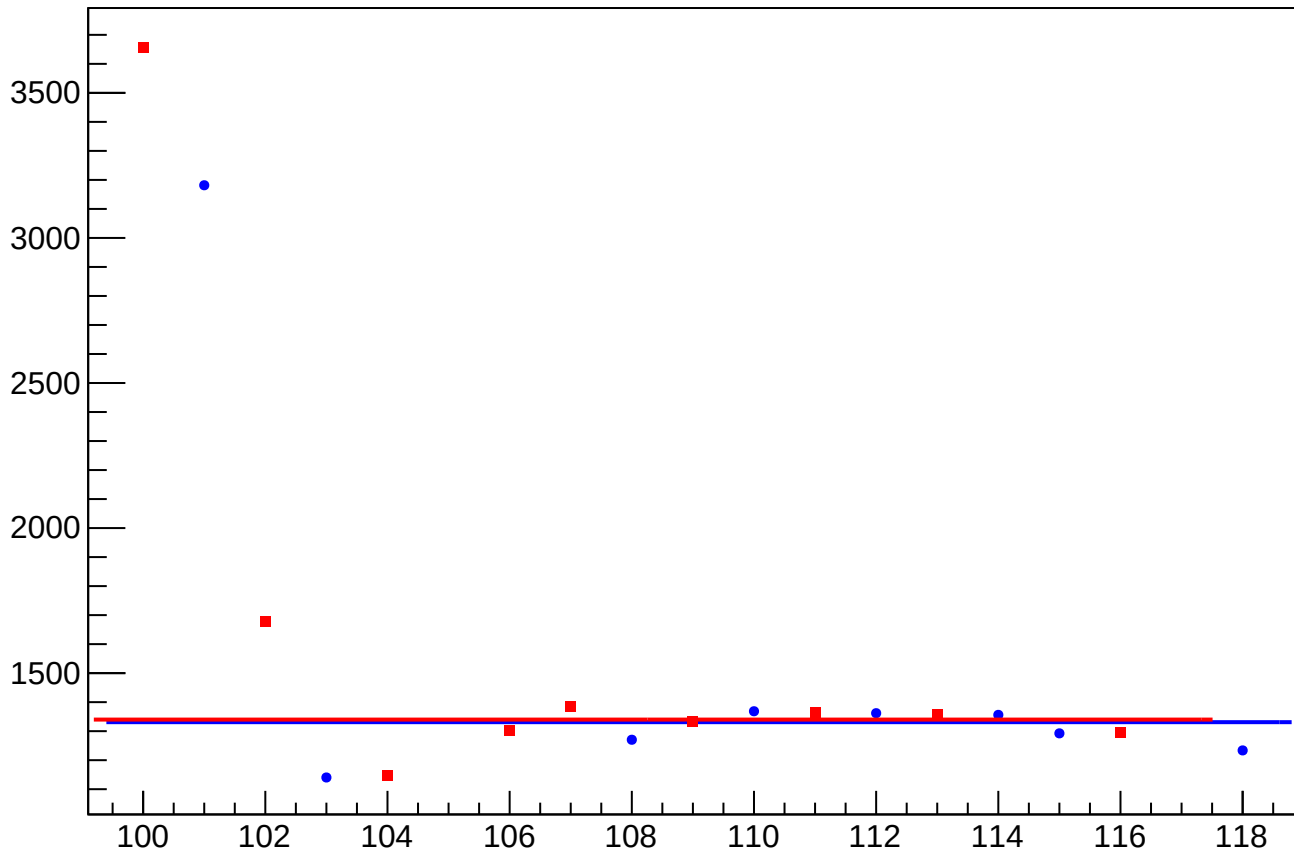
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -447.822 $\pm$ 532.394 χ^2/NDF : 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



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: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

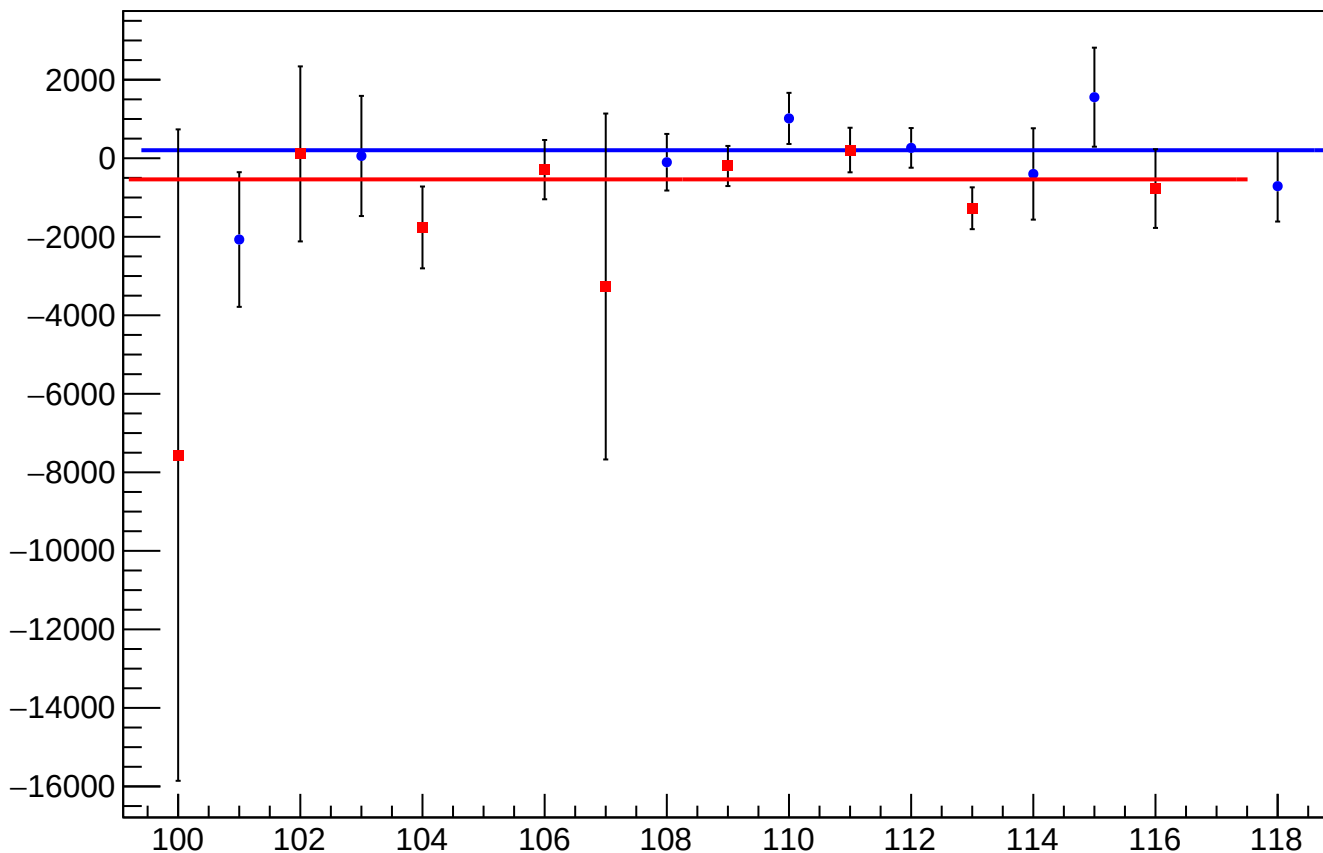
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.559+/-0.376 χ^2/NDF : 614833.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 204.307 $\pm$ 294.088 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -538.313 $\pm$ 263.562 χ^2 /NDF: 6.8/8

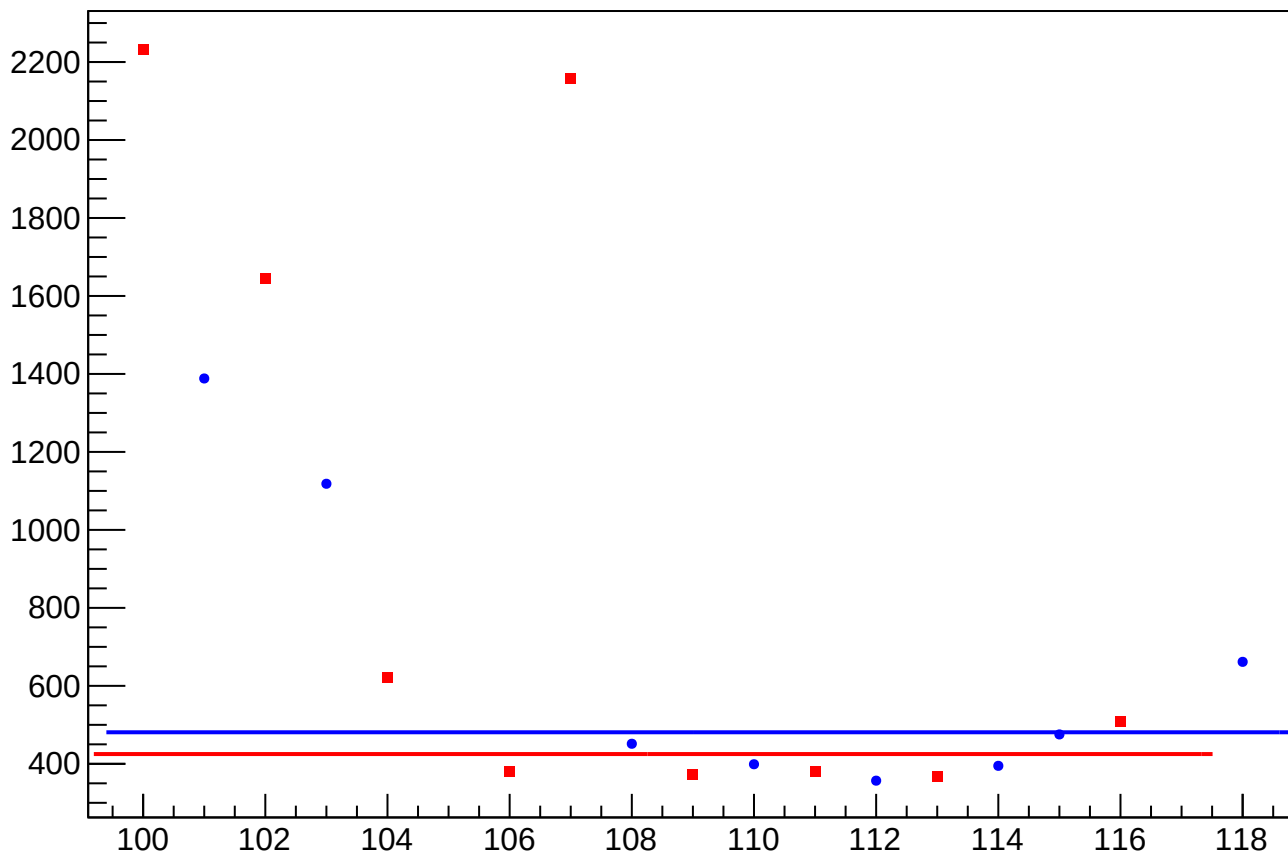
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.532 $\pm$ 196.274 χ^2 /NDF: 16.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



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: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

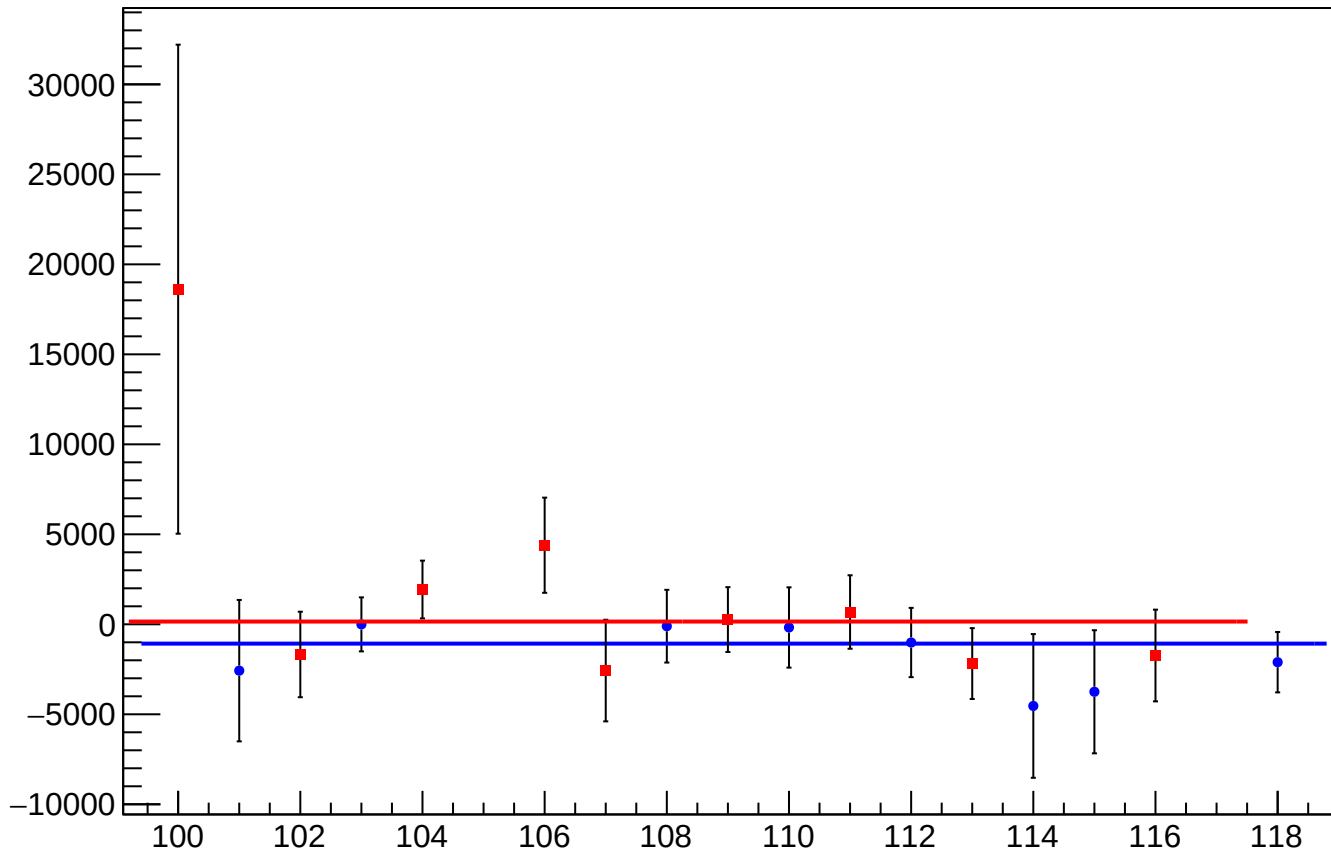
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.956+/-0.139 χ^2/NDF : 2347358.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1073.568 $\pm$ 760.725 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.882 $\pm$ 745.348 χ^2 /NDF: 9.2/8

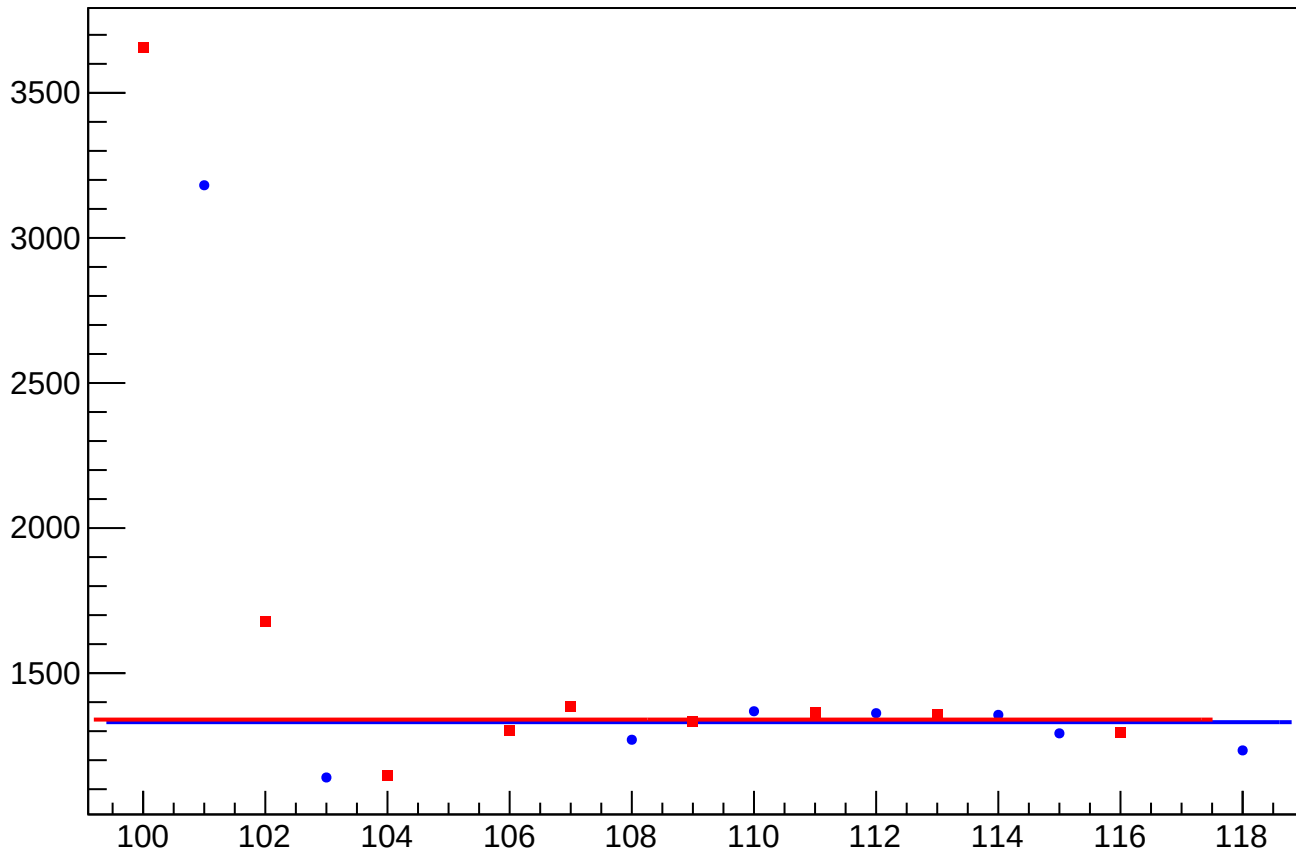
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -447.822 $\pm$ 532.394 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



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: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

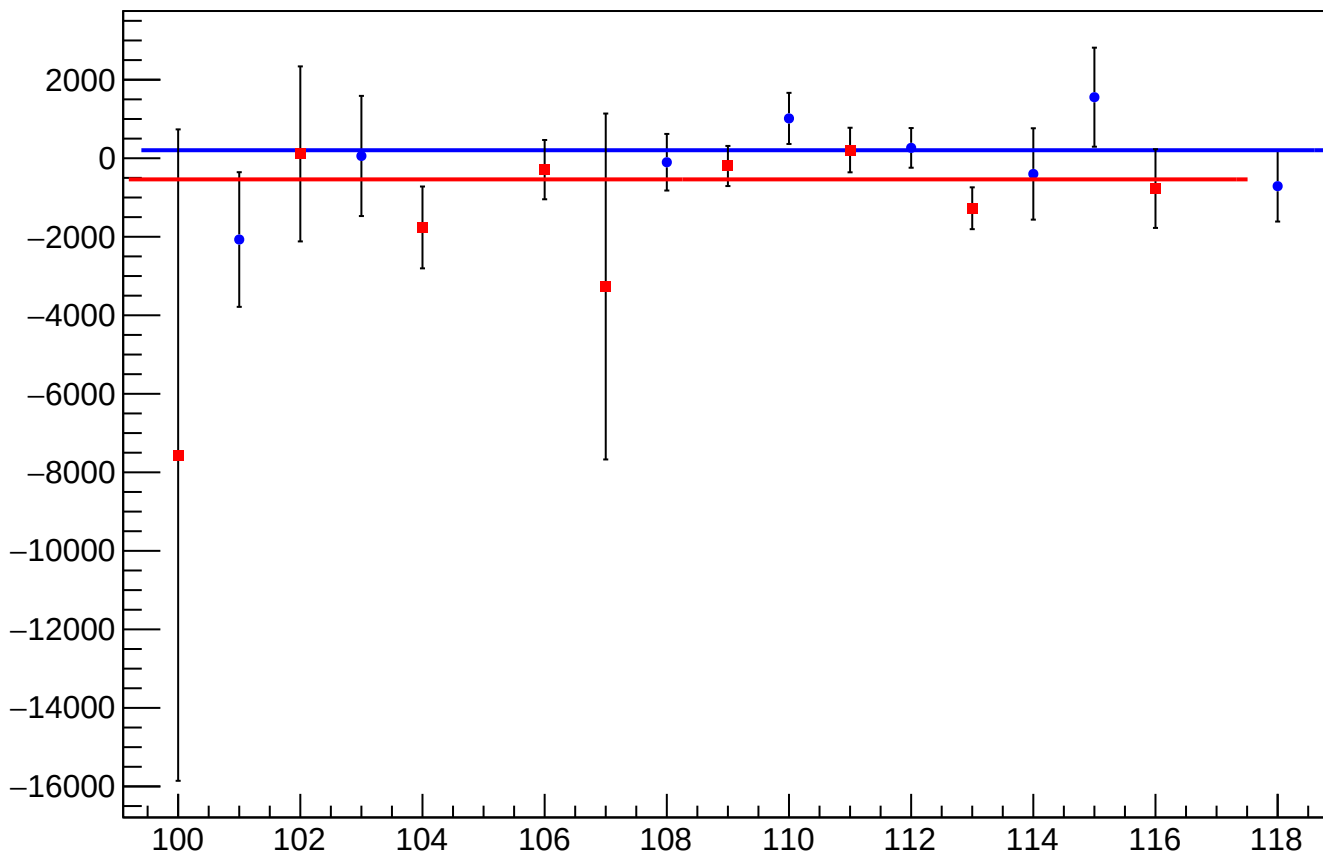
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.559+/-0.376 χ^2/NDF : 614833.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



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: -538.313+/-263.562 χ^2/NDF : 6.8/8

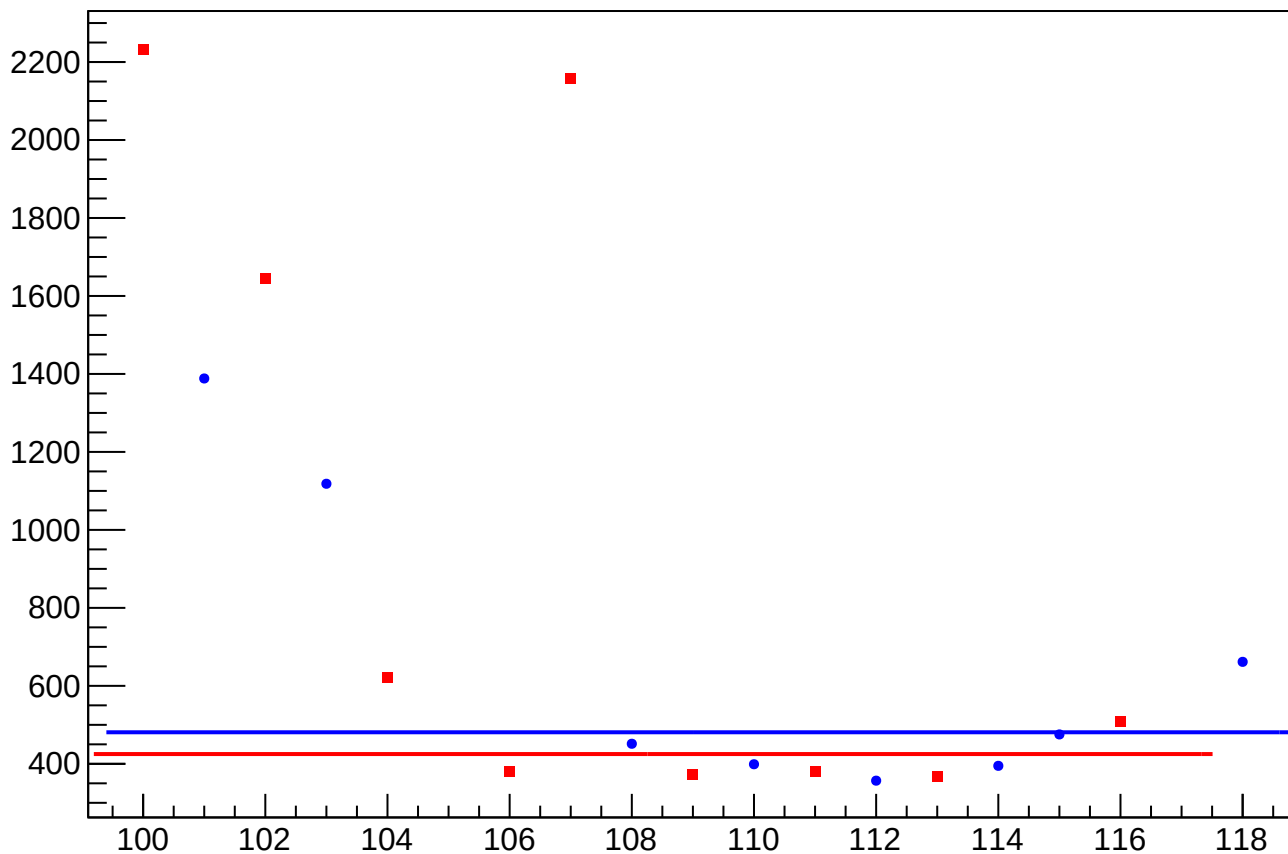
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.532+/-196.274 χ^2/NDF : 16.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



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: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

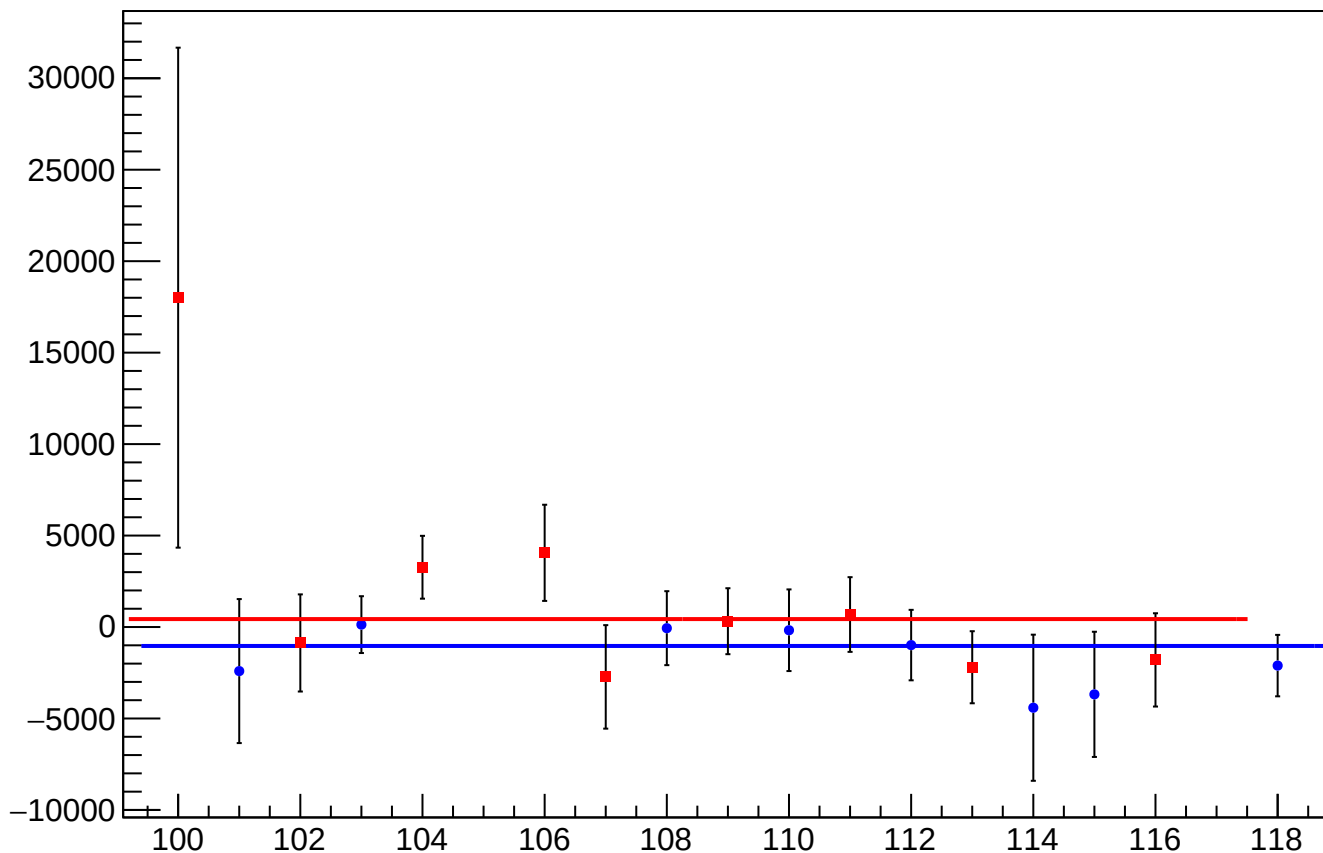
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.956+/-0.139 χ^2/NDF : 2347358.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1034.889 $\pm$ 767.690 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.698 $\pm$ 763.627 χ^2 /NDF: 10.3/8

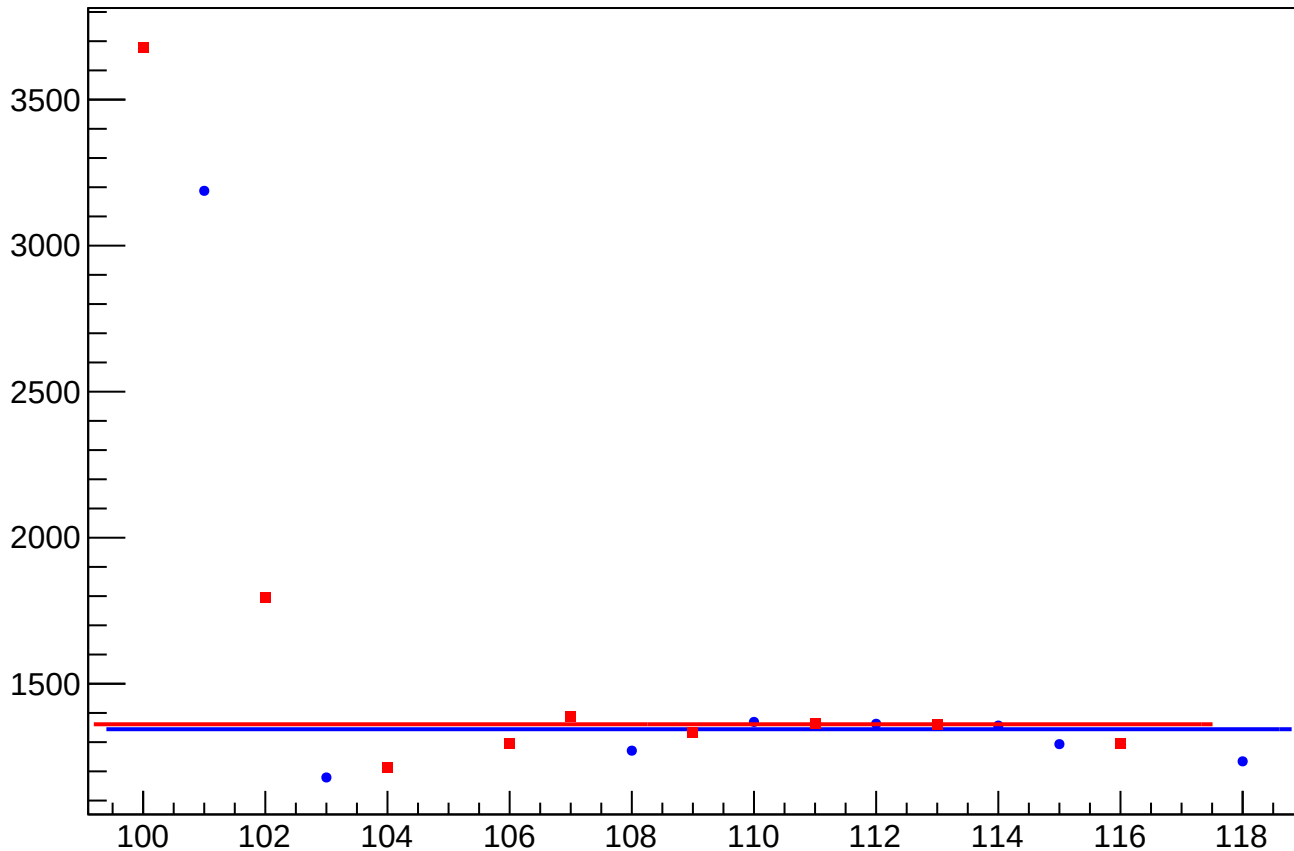
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -296.197 $\pm$ 541.397 χ^2 /NDF: 15.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1344.263+/-0.543 χ^2/NDF : 473389.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

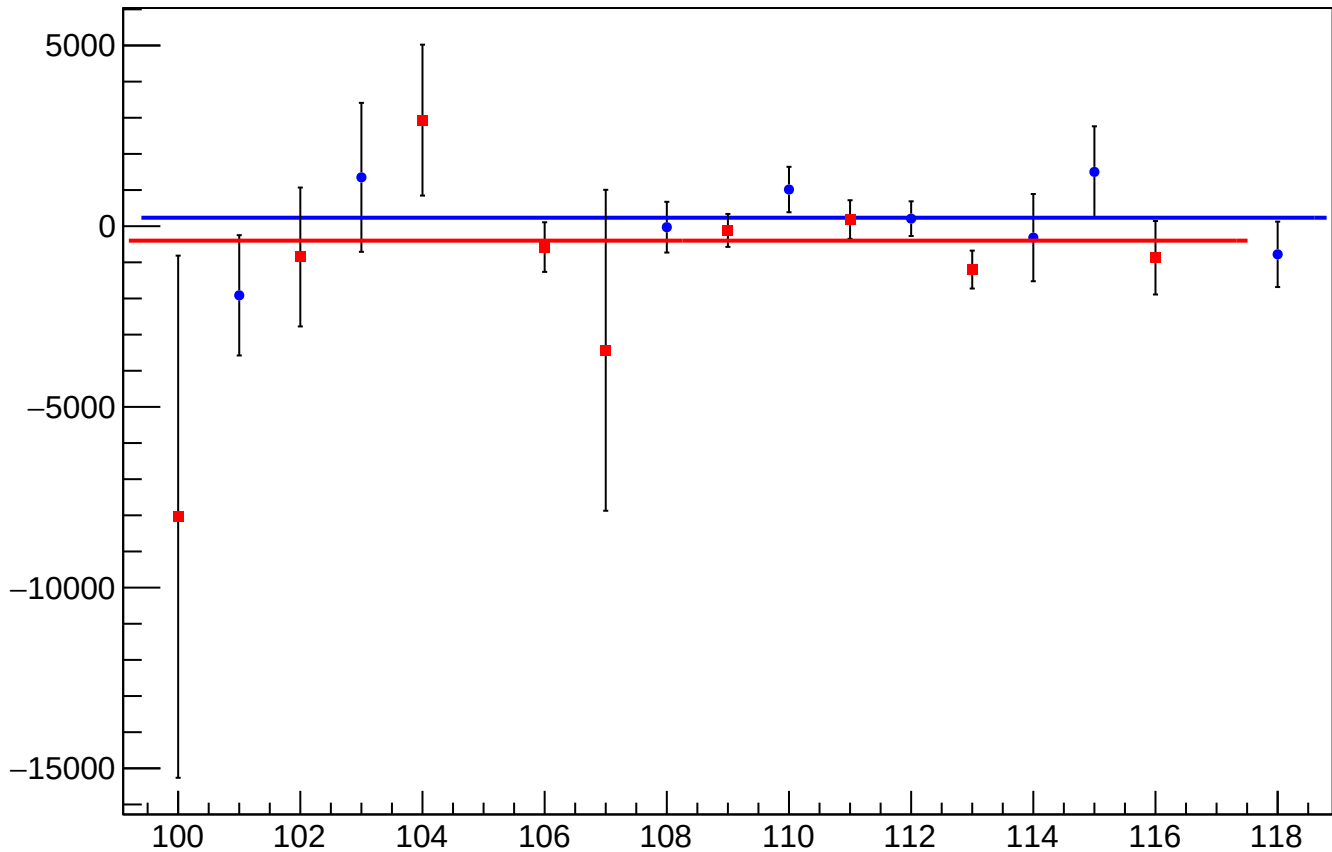
Right Out: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

All: 1352.792+/-0.383 χ^2/NDF : 602586.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 234.126 $\pm$ 288.247 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -399.949 $\pm$ 253.161 χ^2 /NDF: 8.4/8

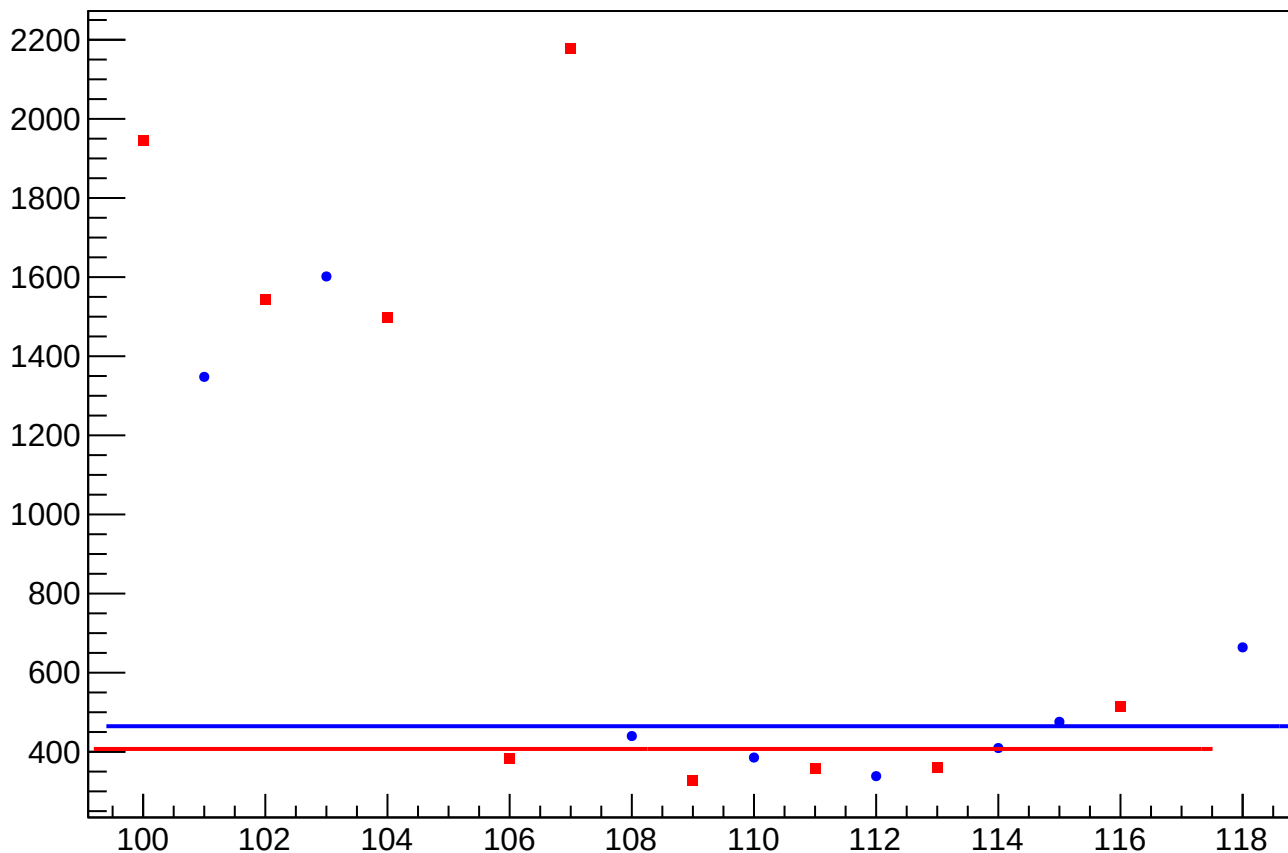
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -123.832 $\pm$ 190.214 χ^2 /NDF: 17.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 464.680 $\pm$ 0.204 χ^2 /NDF: 1445937.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.208 $\pm$ 0.179 χ^2 /NDF: 1773528.0/8

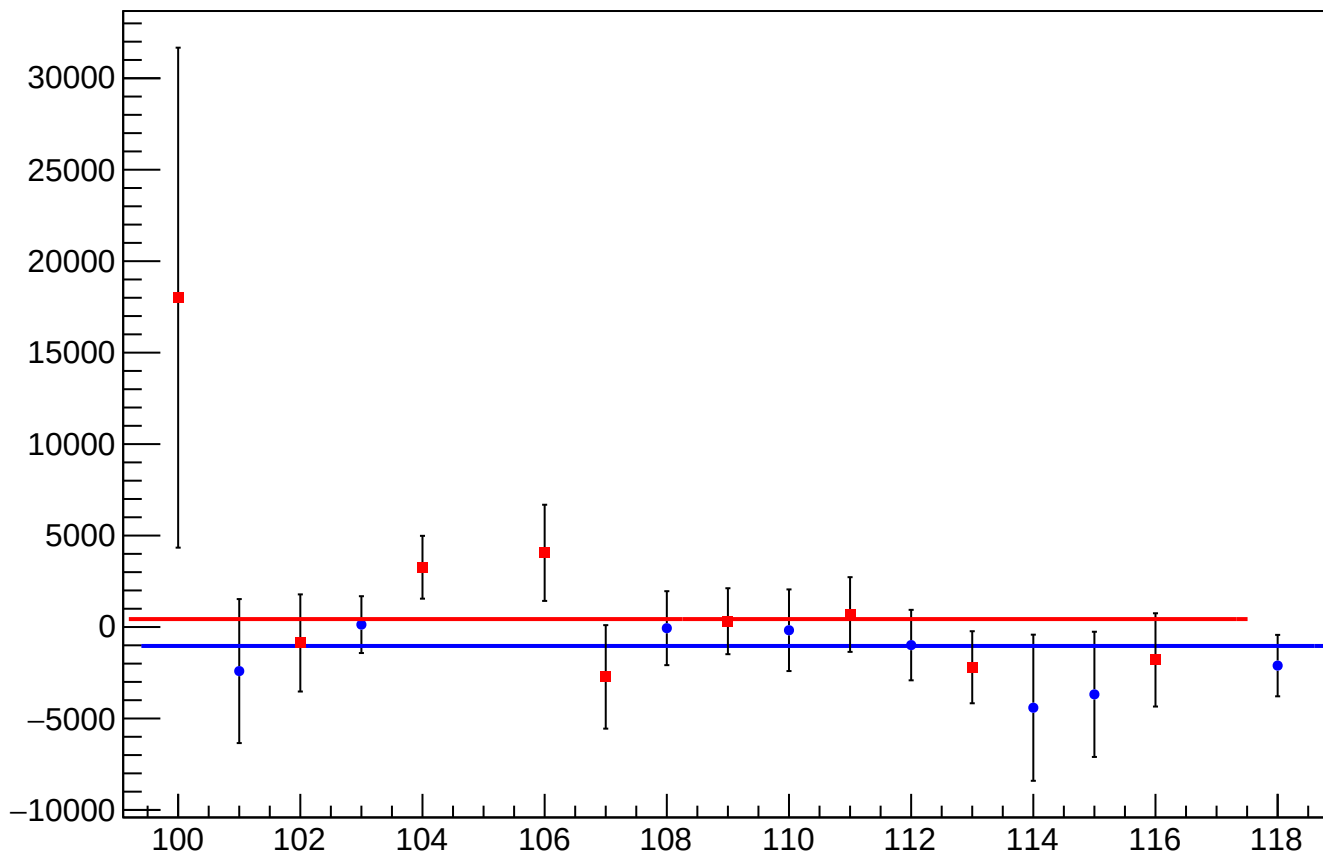
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.235 $\pm$ 0.135 χ^2 /NDF: 3264351.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1034.887 $\pm$ 767.690 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.698 $\pm$ 763.627 χ^2 /NDF: 10.3/8

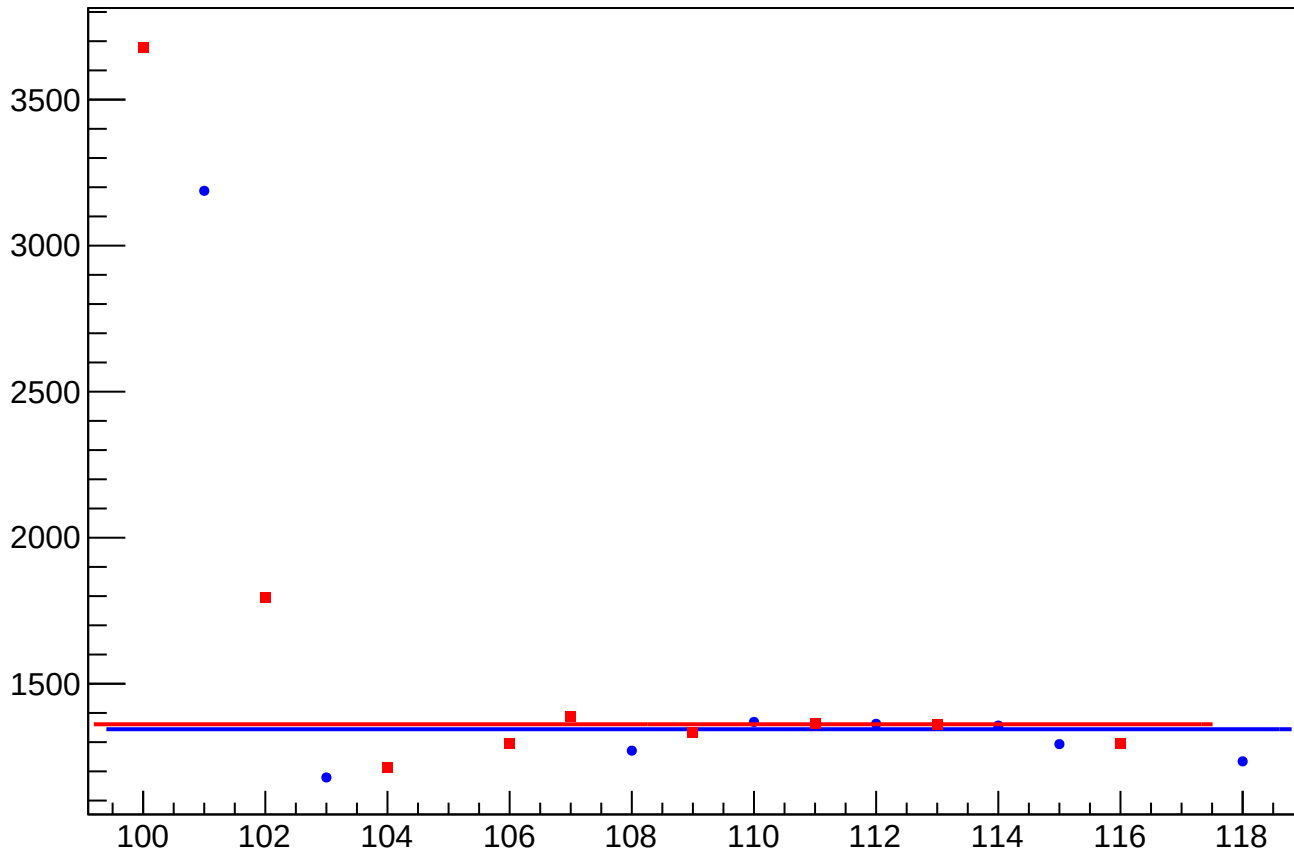
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -296.195 $\pm$ 541.397 χ^2 /NDF: 15.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



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: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

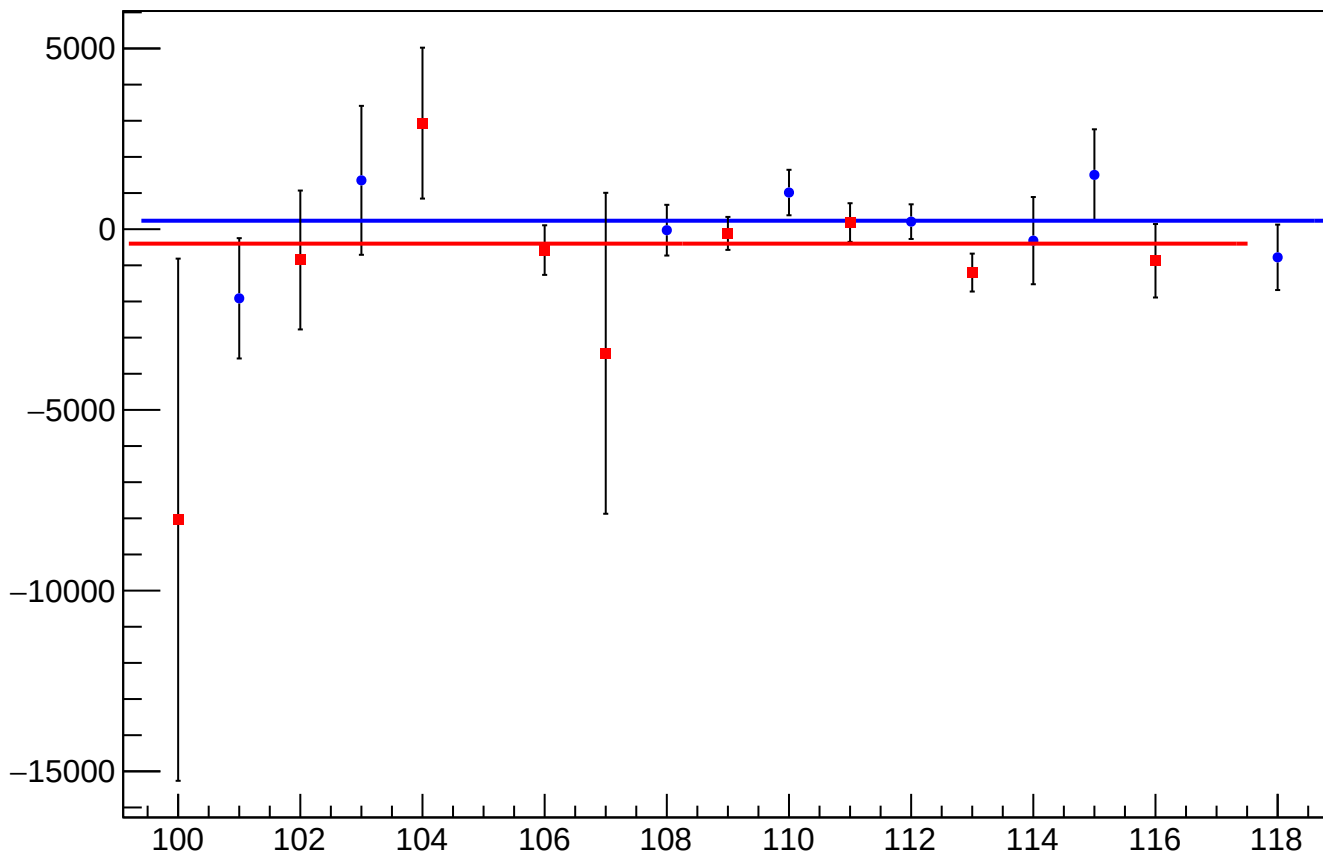
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.792+/-0.383 χ^2/NDF : 602586.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 234.126 $\pm$ 288.246 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -399.947 $\pm$ 253.160 χ^2 /NDF: 8.4/8

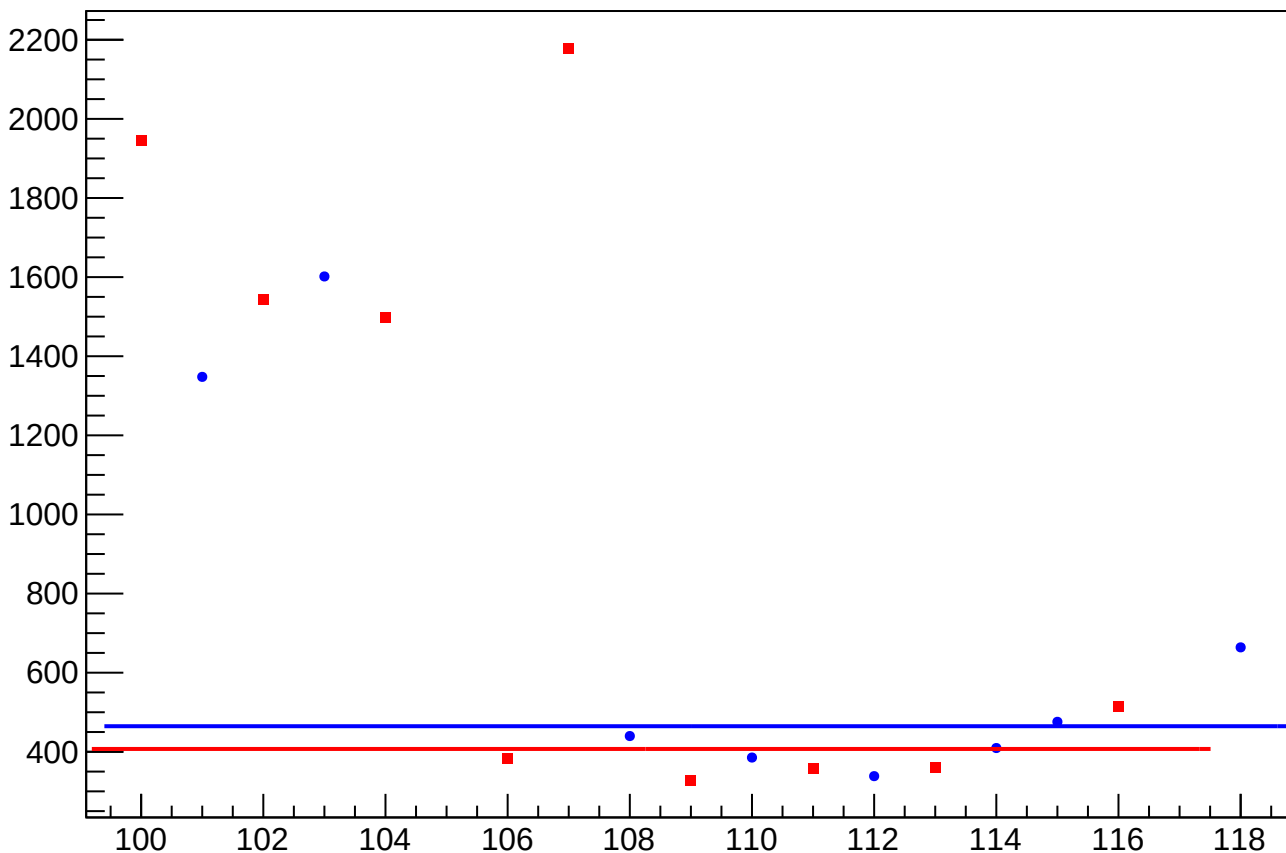
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -123.830 $\pm$ 190.213 χ^2 /NDF: 17.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 464.677 $\pm$ 0.204 χ^2 /NDF: 1445943.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 407.206 $\pm$ 0.179 χ^2 /NDF: 1773535.4/8

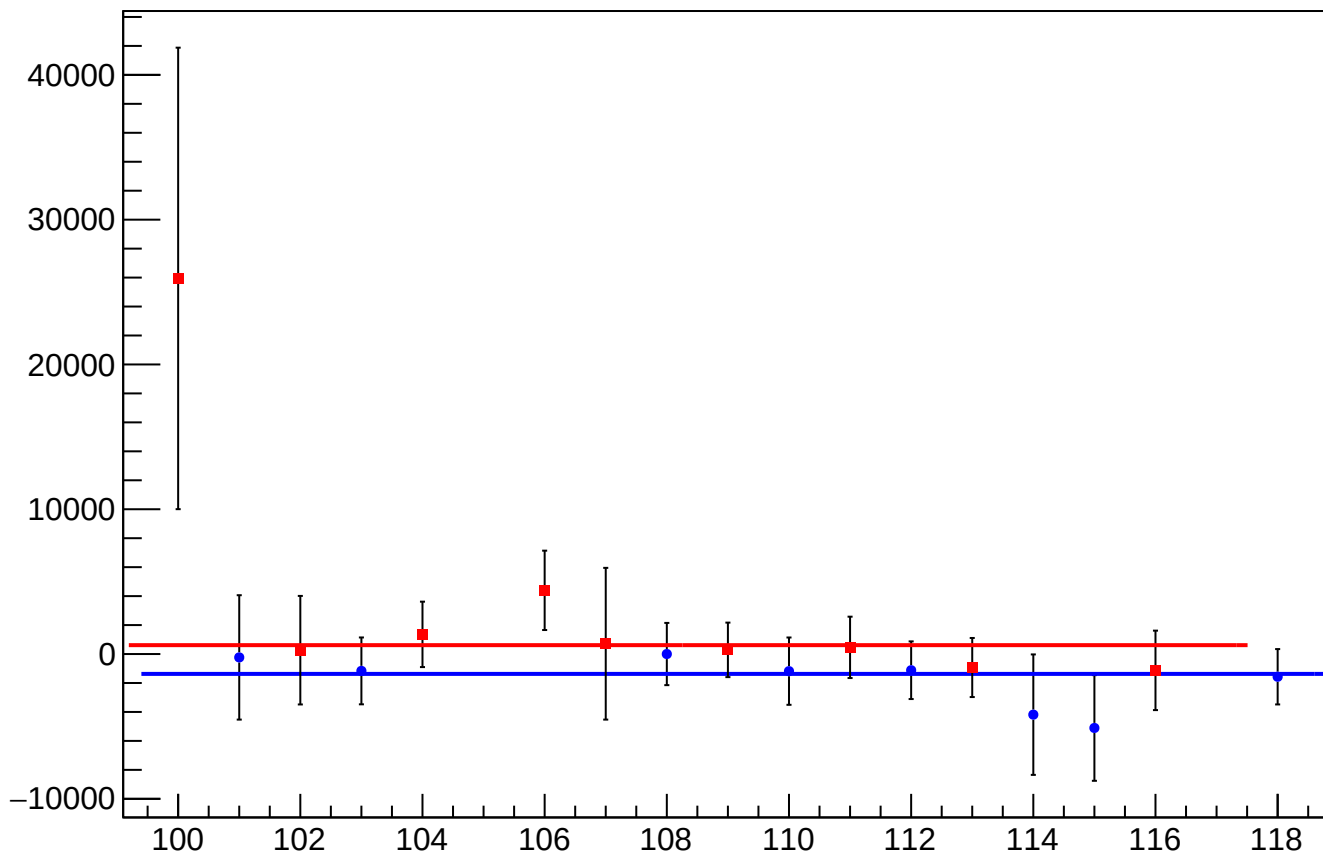
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.233 $\pm$ 0.135 χ^2 /NDF: 3264363.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -1372.007 $\pm$ 876.328 χ^2 /NDF: 2.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 613.428 $\pm$ 870.812 χ^2 /NDF: 5.6/8

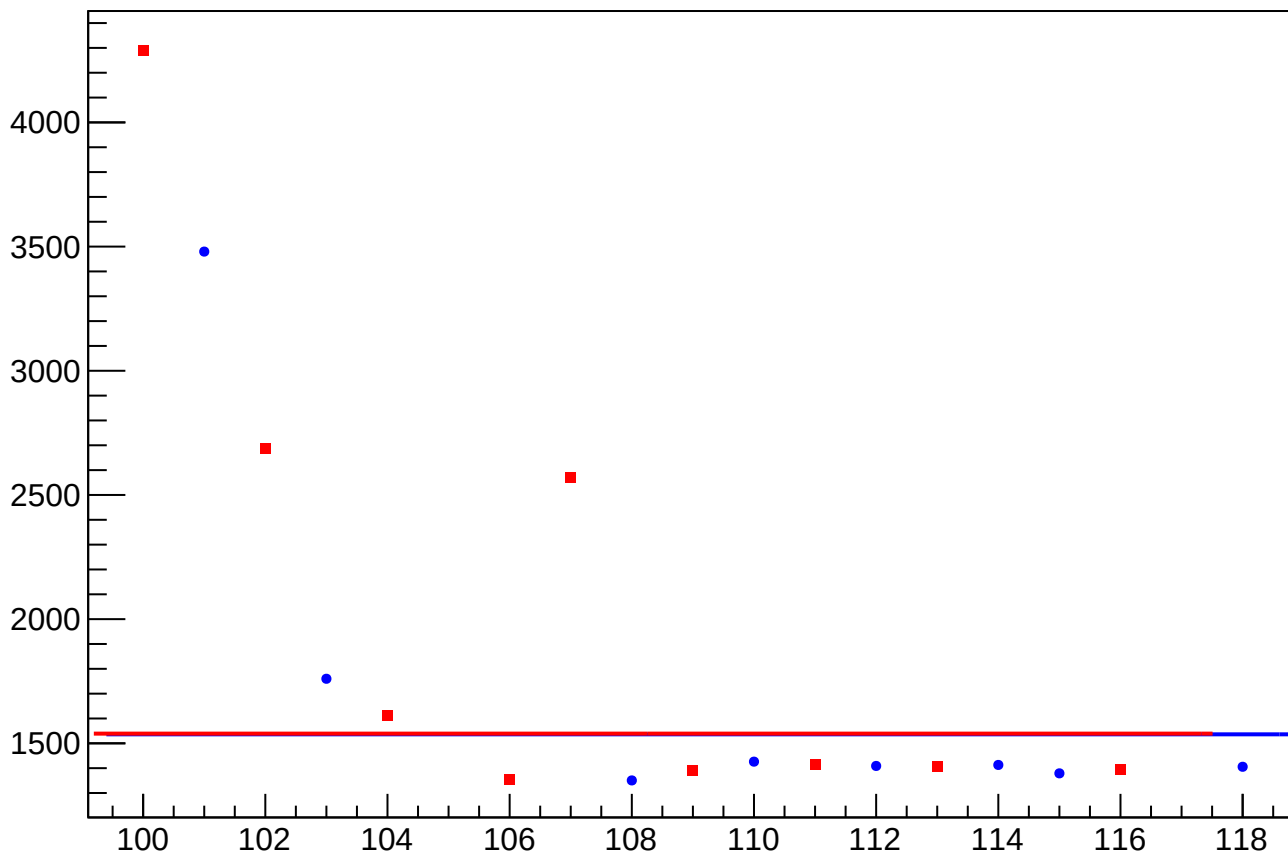
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.021 $\pm$ 617.698 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



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: 1539.053+/-0.616 χ^2/NDF : 368432.9/8

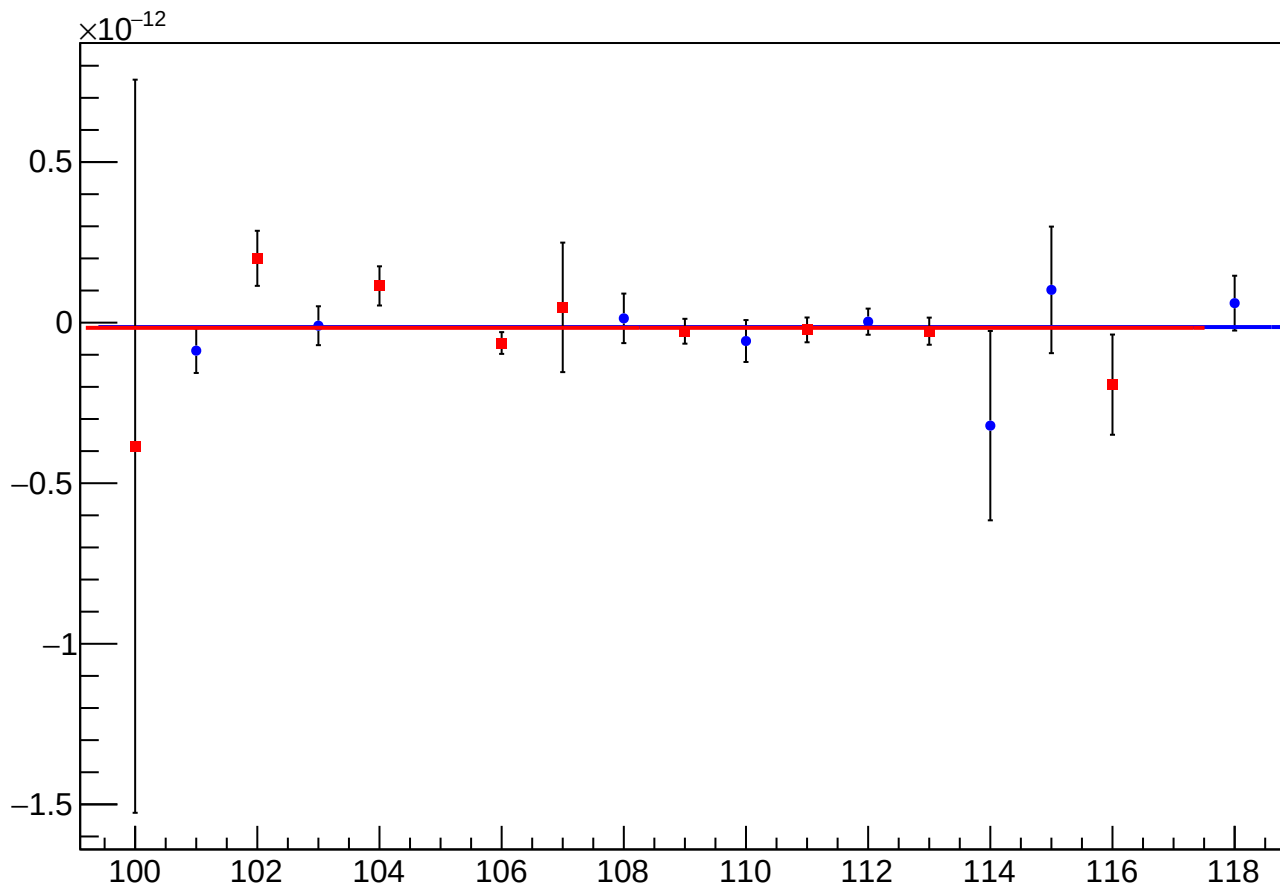
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.649+/-0.437 χ^2/NDF : 839073.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug



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: 14.5/8

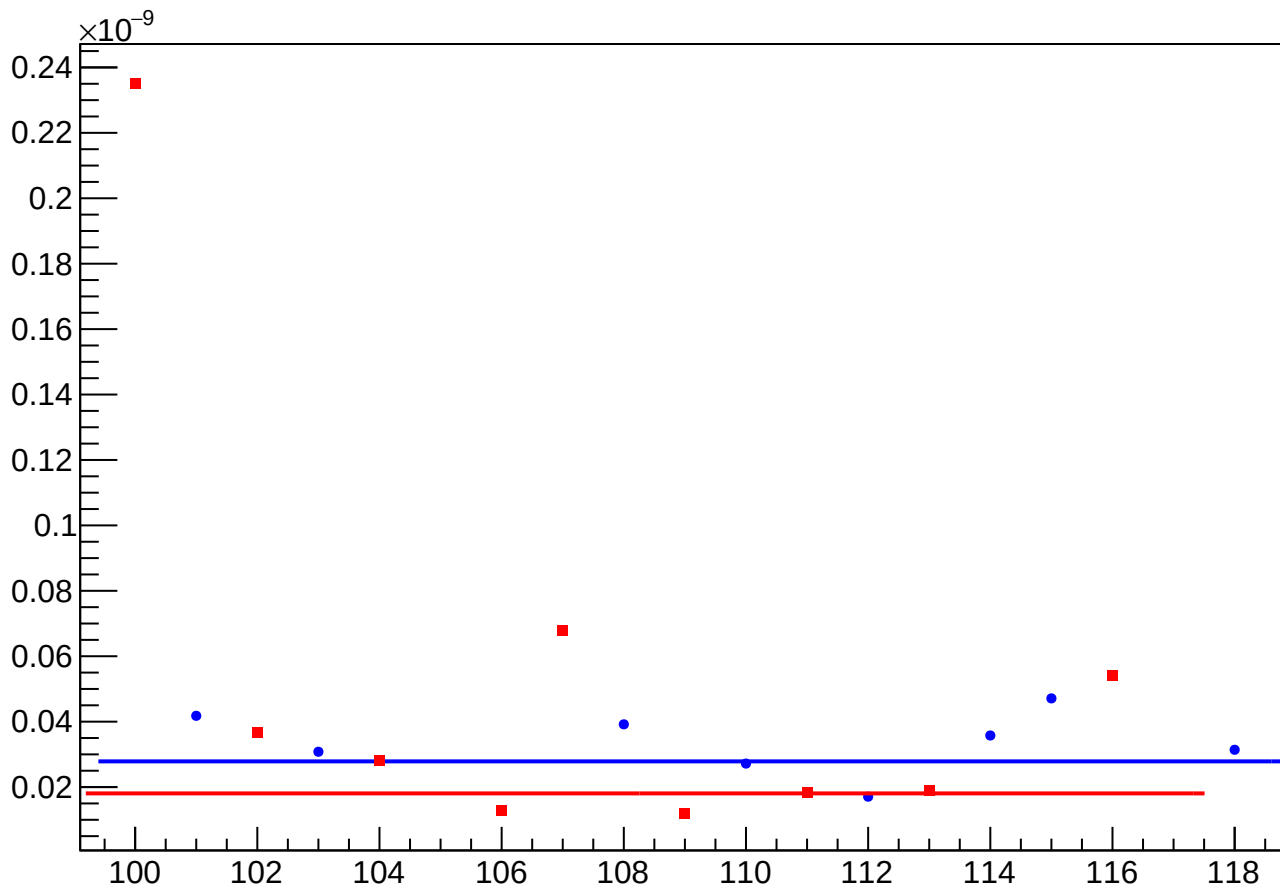
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug



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 : 551806.1/8

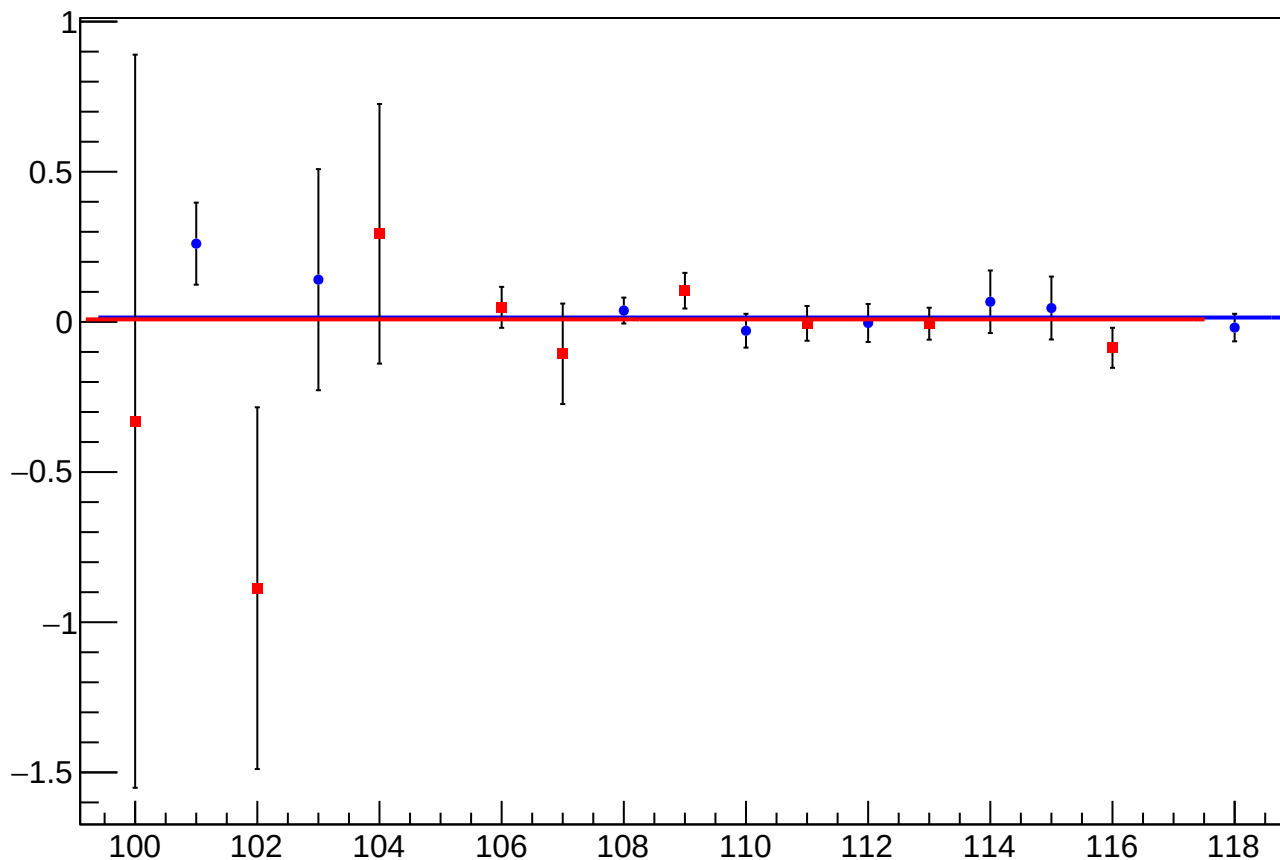
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1055363.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

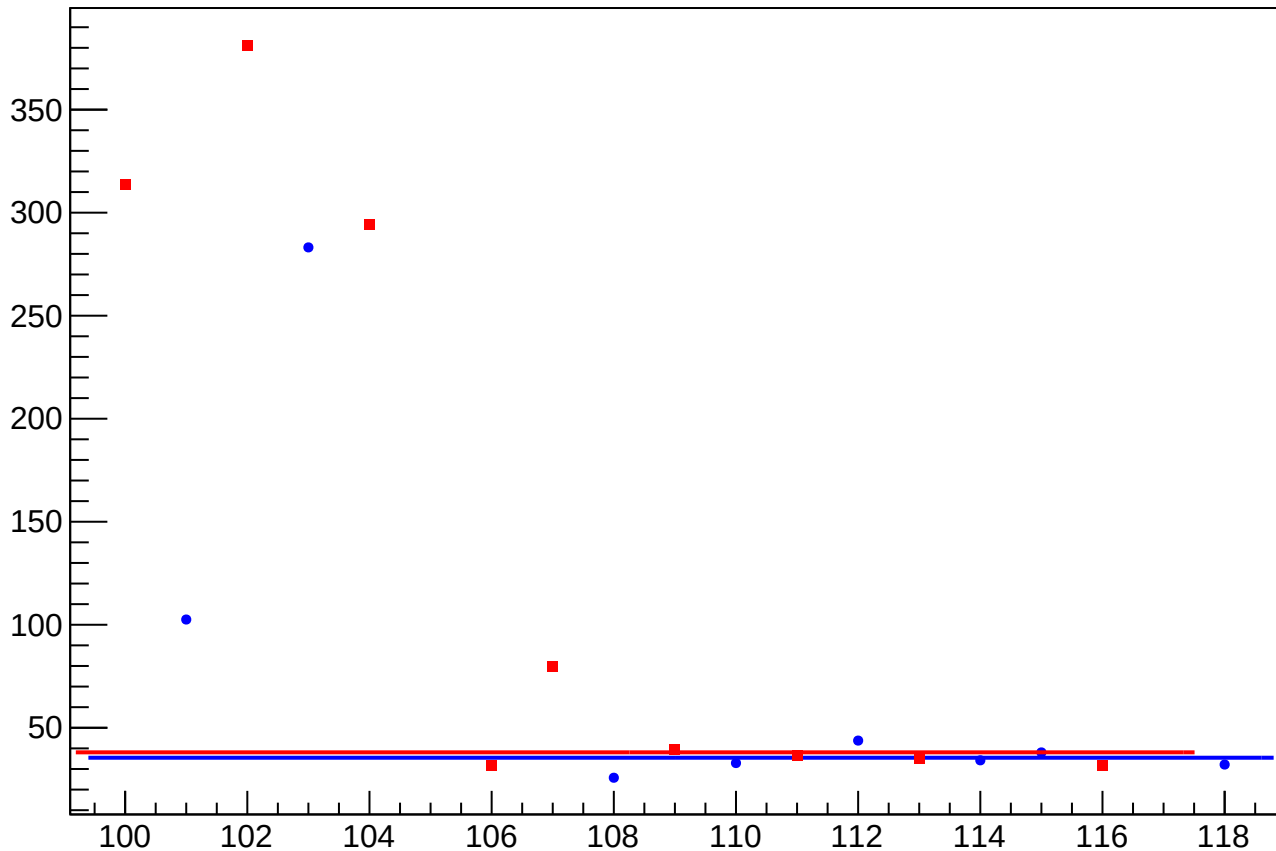
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



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: 38.083+/-0.019 χ^2/NDF : 1621693.1/8

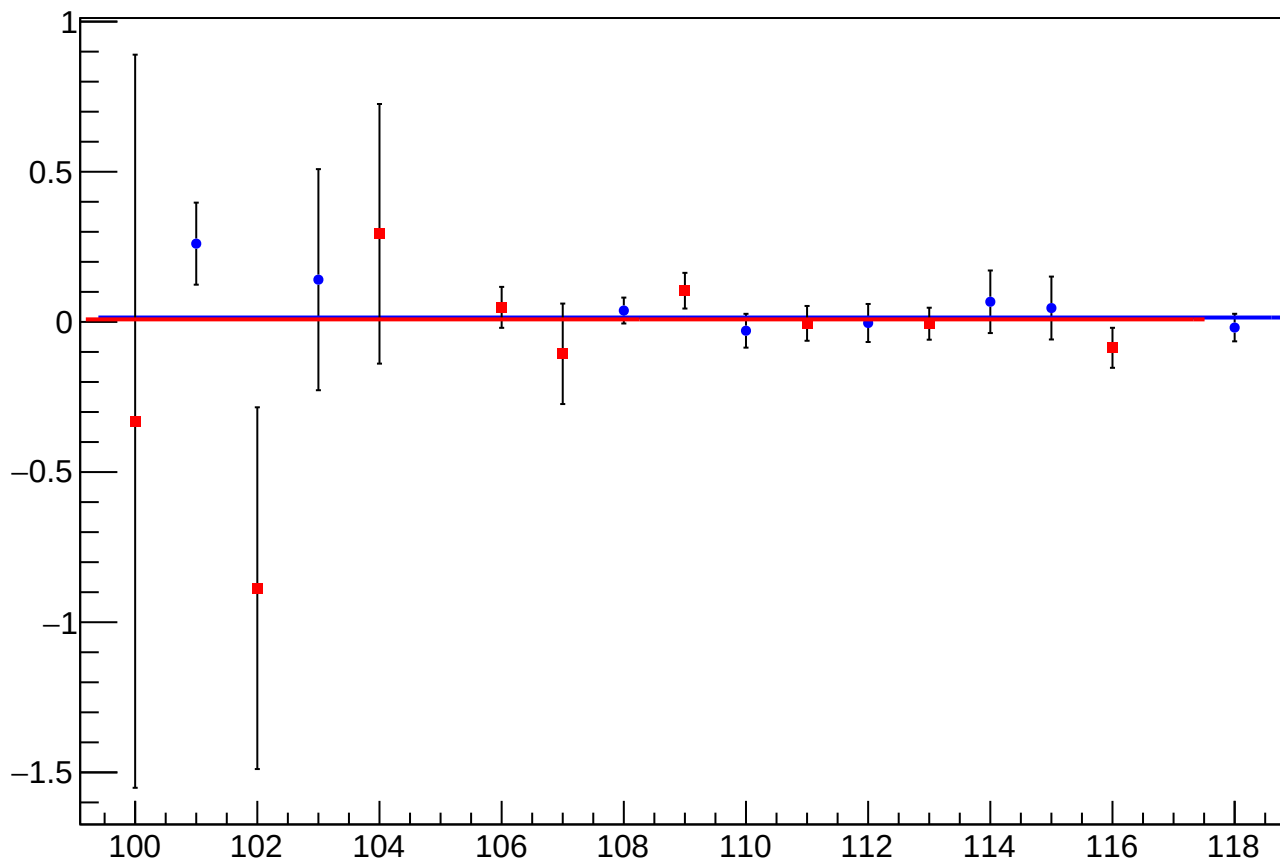
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.613+/-0.012 χ^2/NDF : 3172381.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

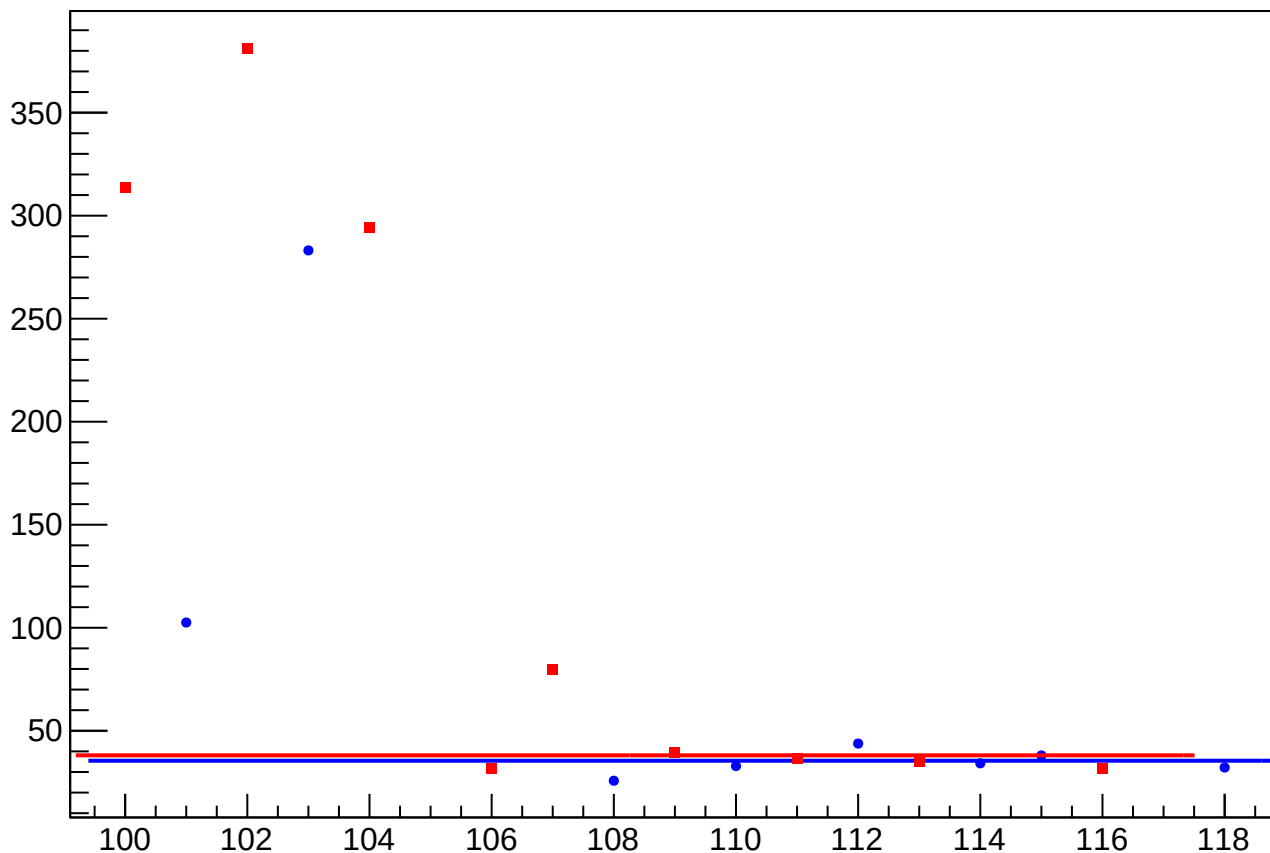
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 38.083+/-0.019 χ^2/NDF : 1621693.1/8

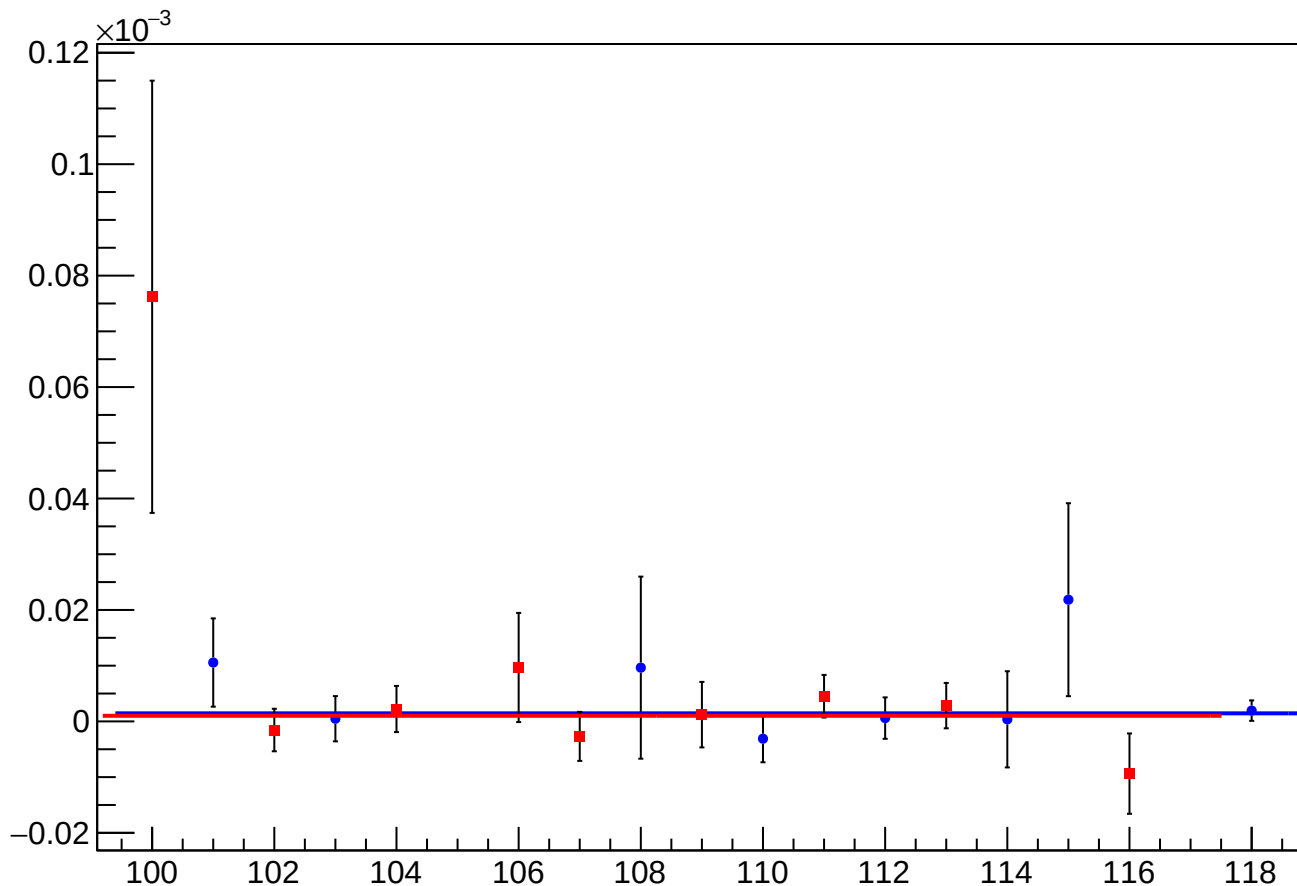
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.613+/-0.012 χ^2/NDF : 3172381.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 8.9/8

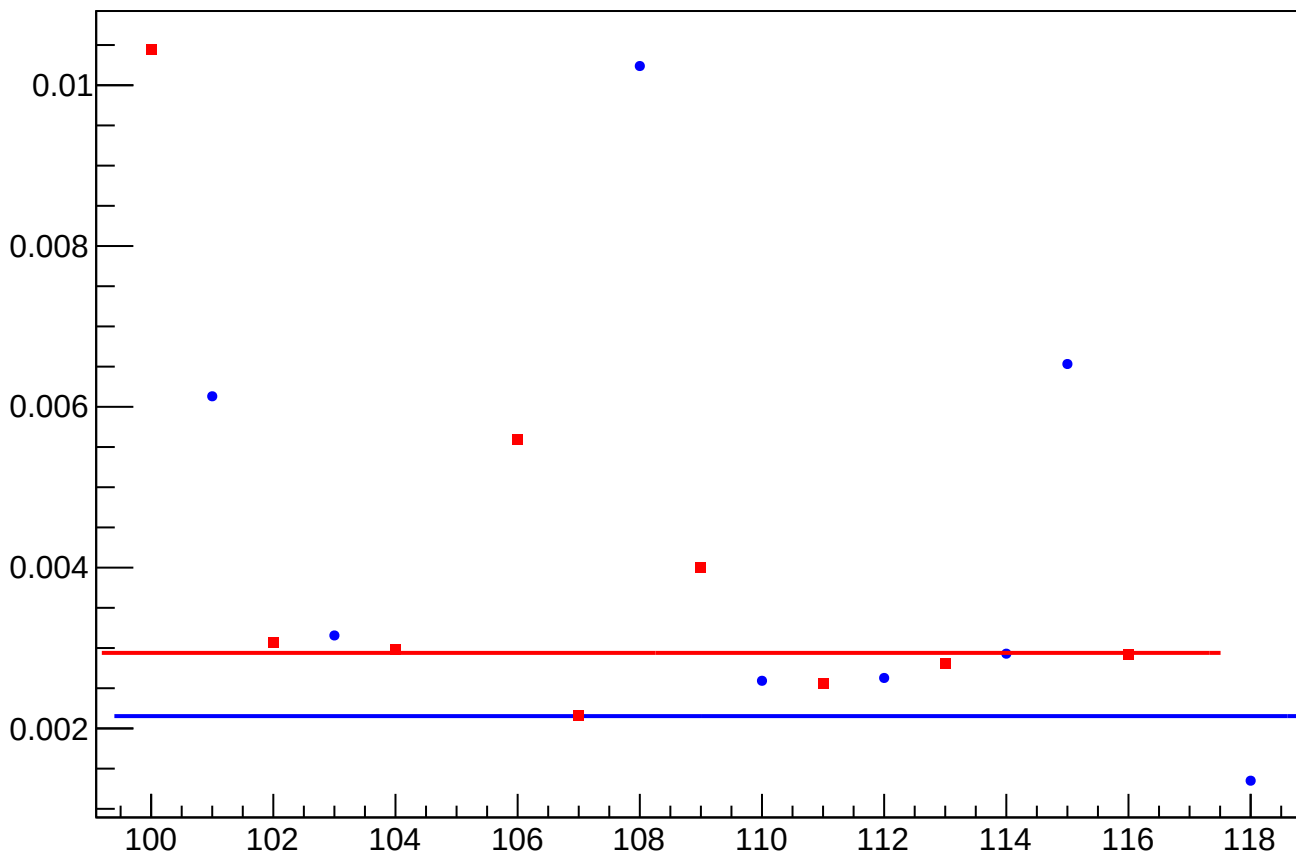
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.003+/-0.000 χ^2/NDF : 373952.8/8

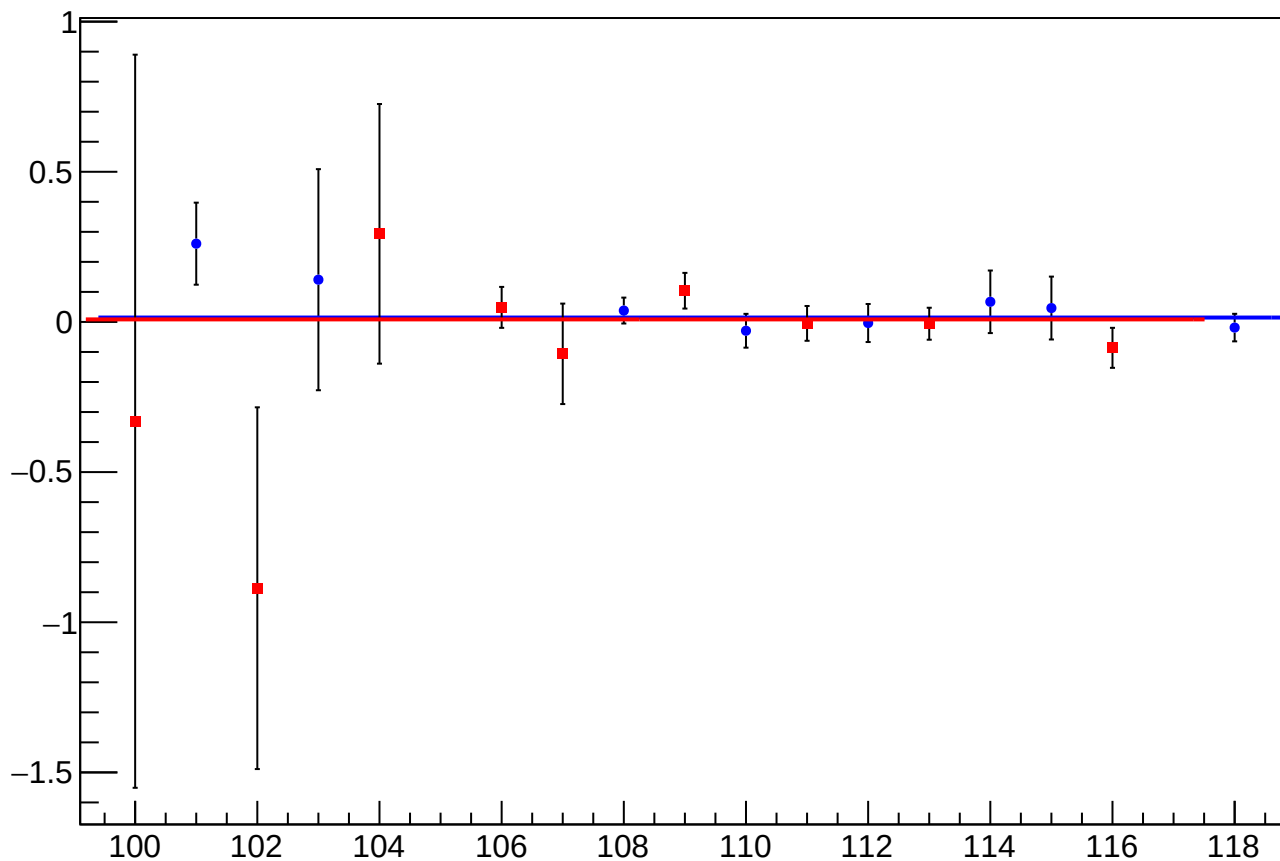
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2337737.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

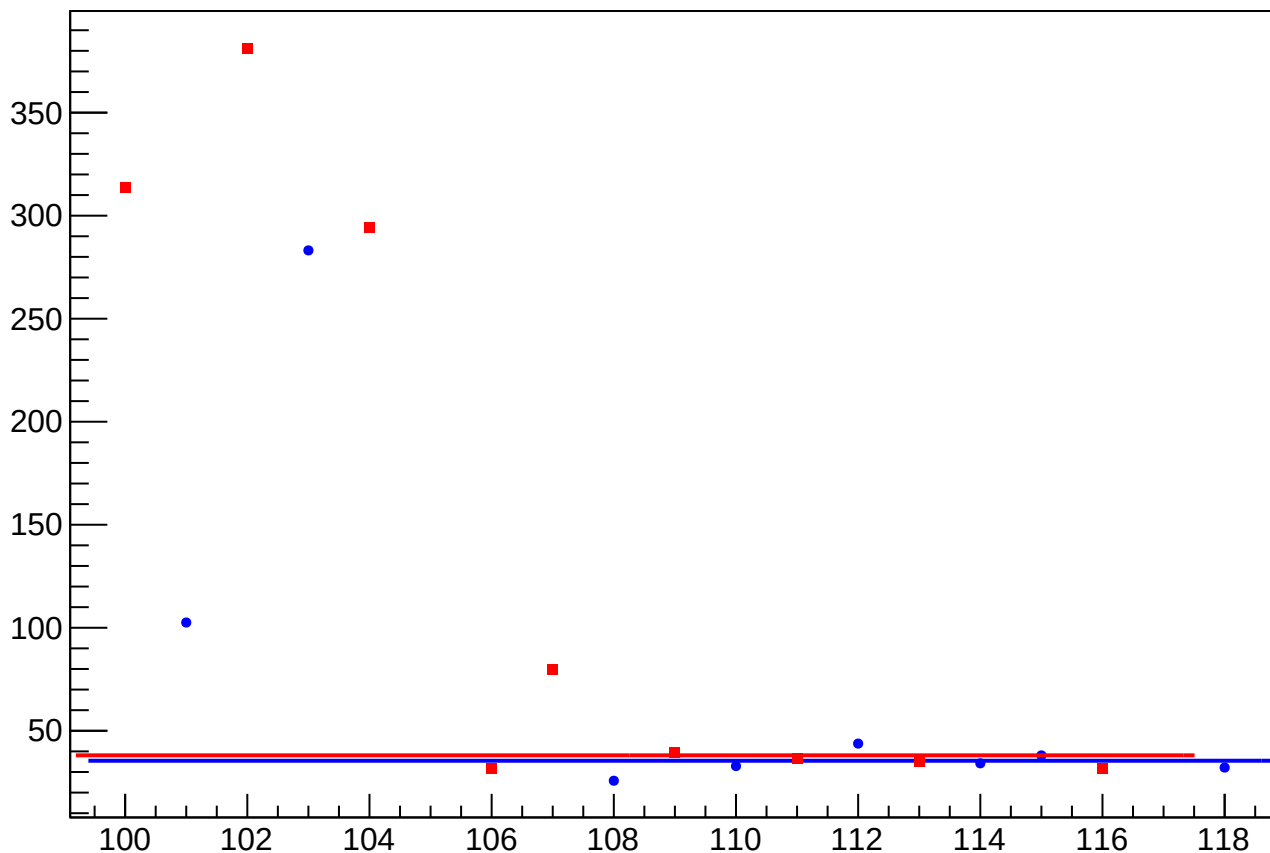
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.470 $\pm$ 0.017 χ^2 /NDF: 1539711.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621684.9/8

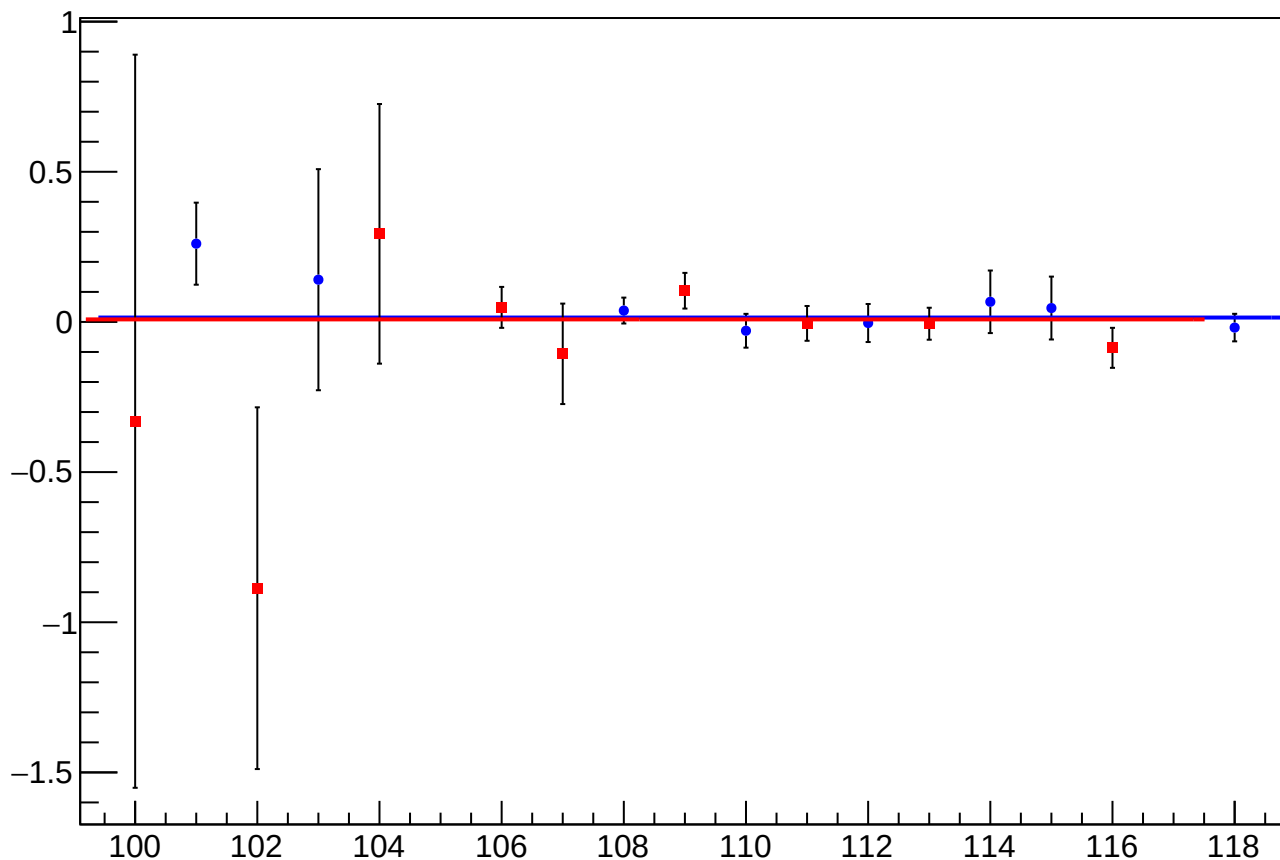
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.614 $\pm$ 0.012 χ^2 /NDF: 3172297.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

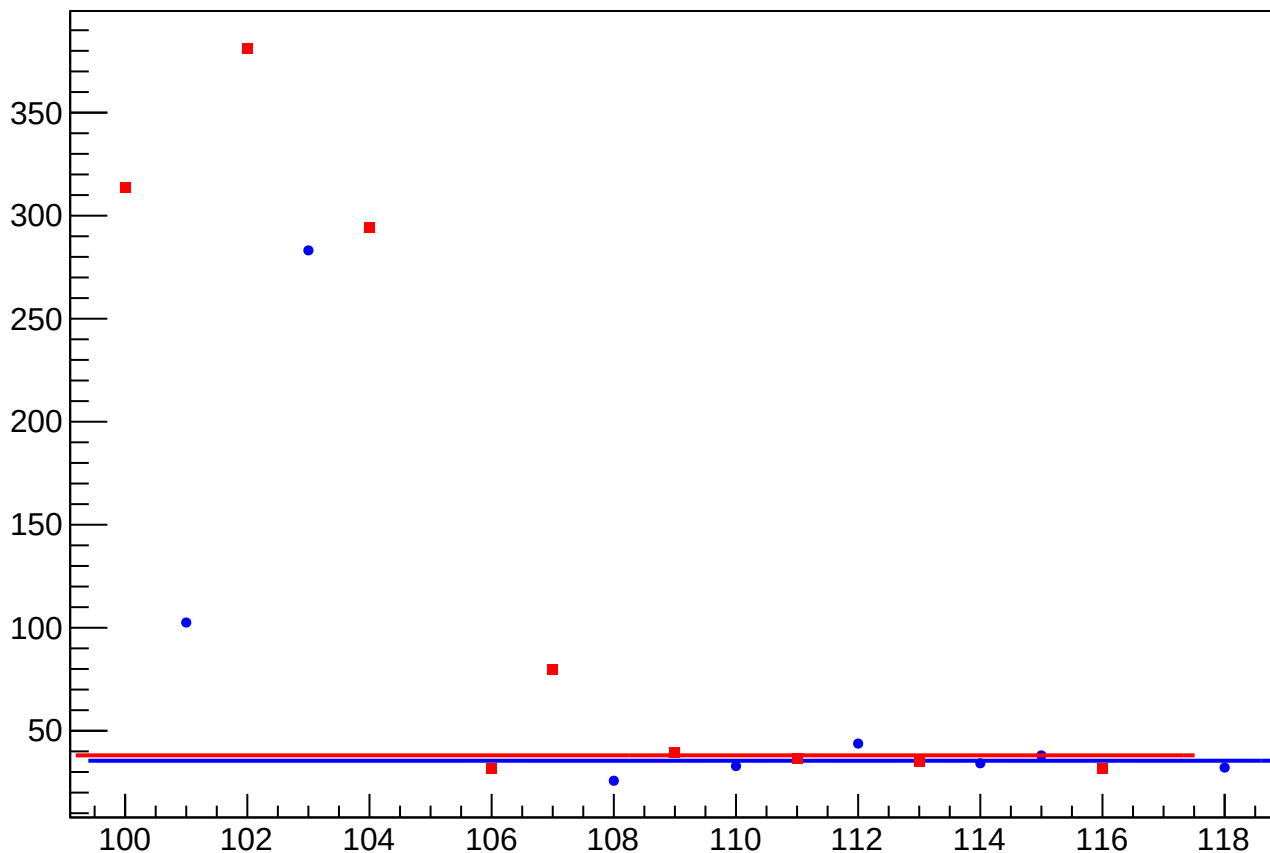
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.470 $\pm$ 0.017 χ^2 /NDF: 1539711.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621684.9/8

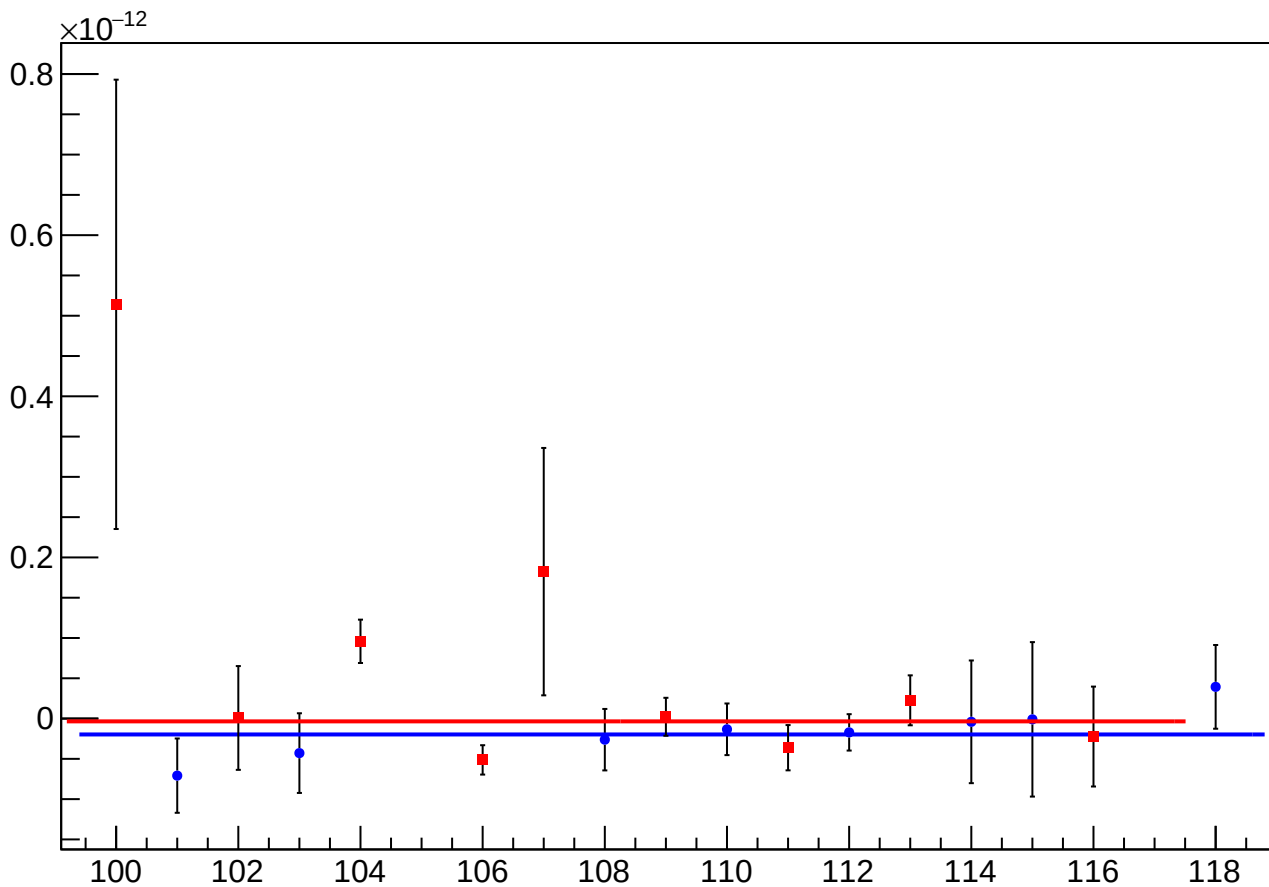
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.614 $\pm$ 0.012 χ^2 /NDF: 3172297.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.6/8

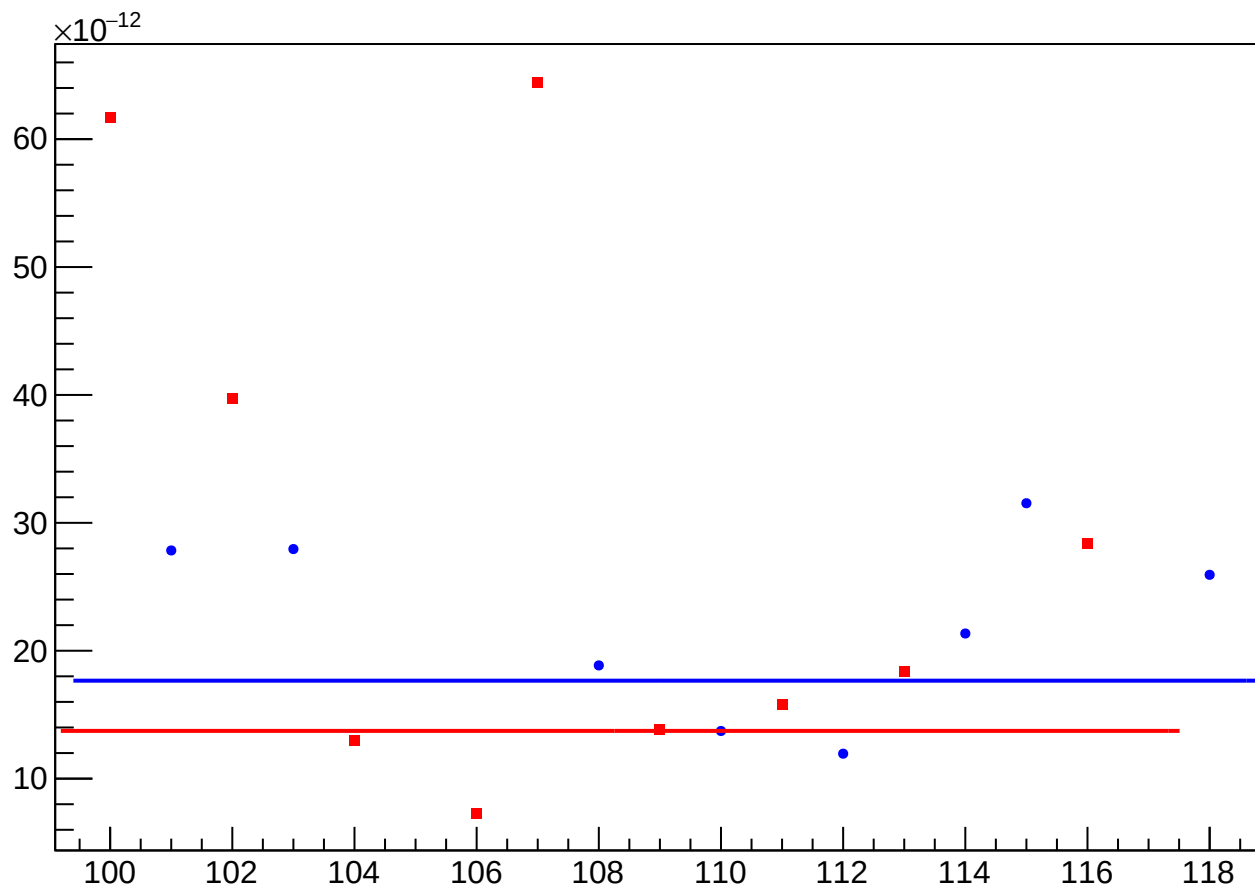
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1024556.3/8

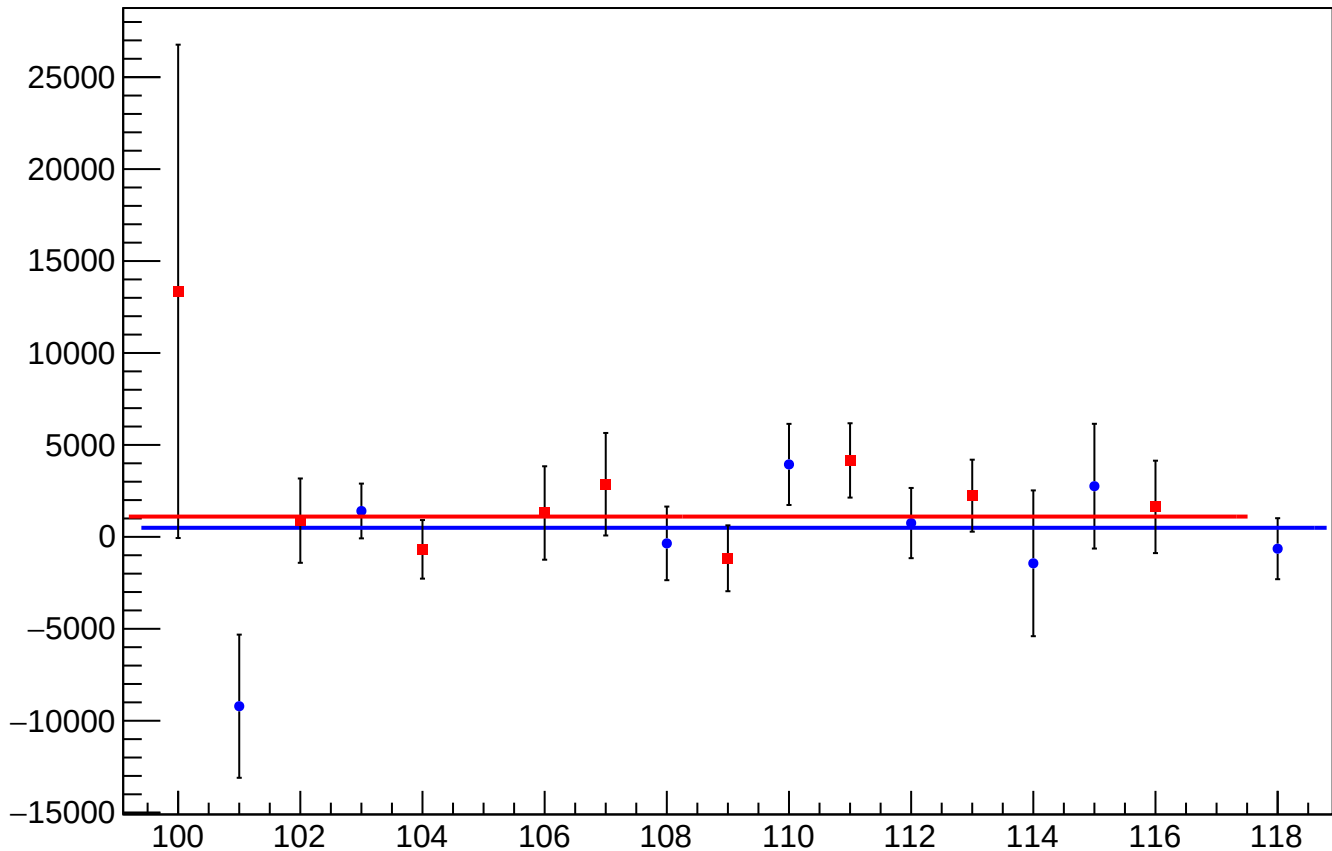
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1567109.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



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: 1103.518+/-735.353 χ^2/NDF : 6.8/8

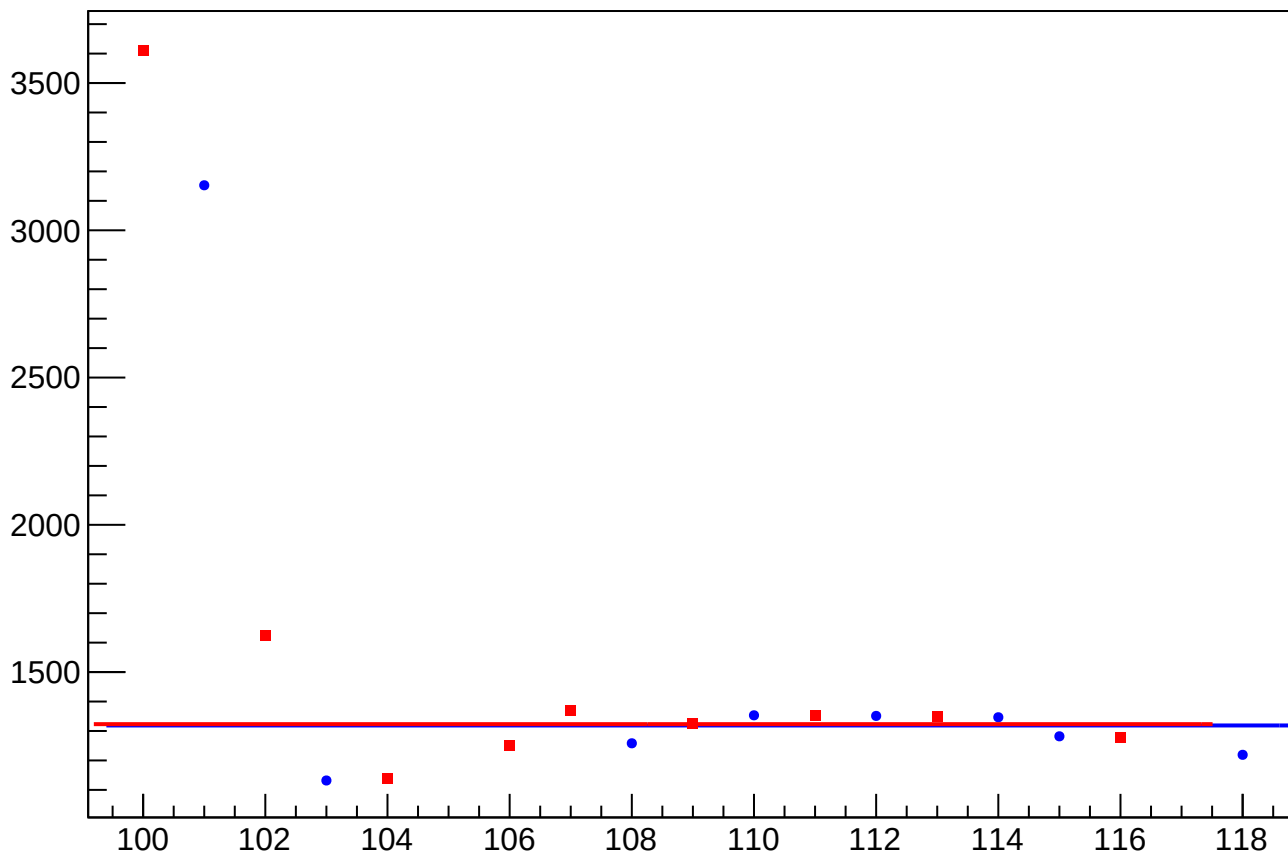
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.930+/-526.347 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1318.764 $\pm$ 0.533 χ^2 /NDF: 485828.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1323.204 $\pm$ 0.520 χ^2 /NDF: 122550.8/8

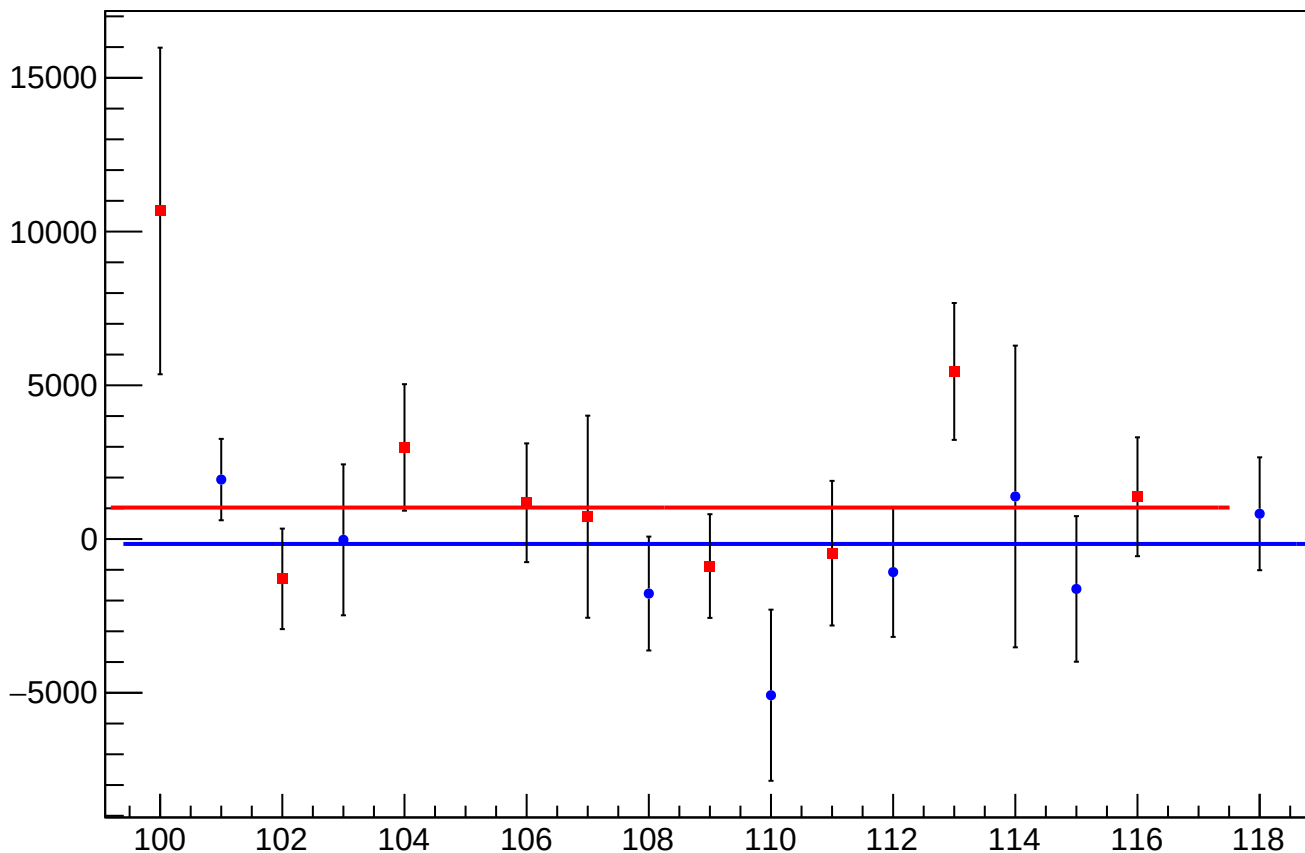
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1321.039 $\pm$ 0.372 χ^2 /NDF: 608414.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



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: 1024.569+/-705.547 χ^2/NDF : 11.9/8

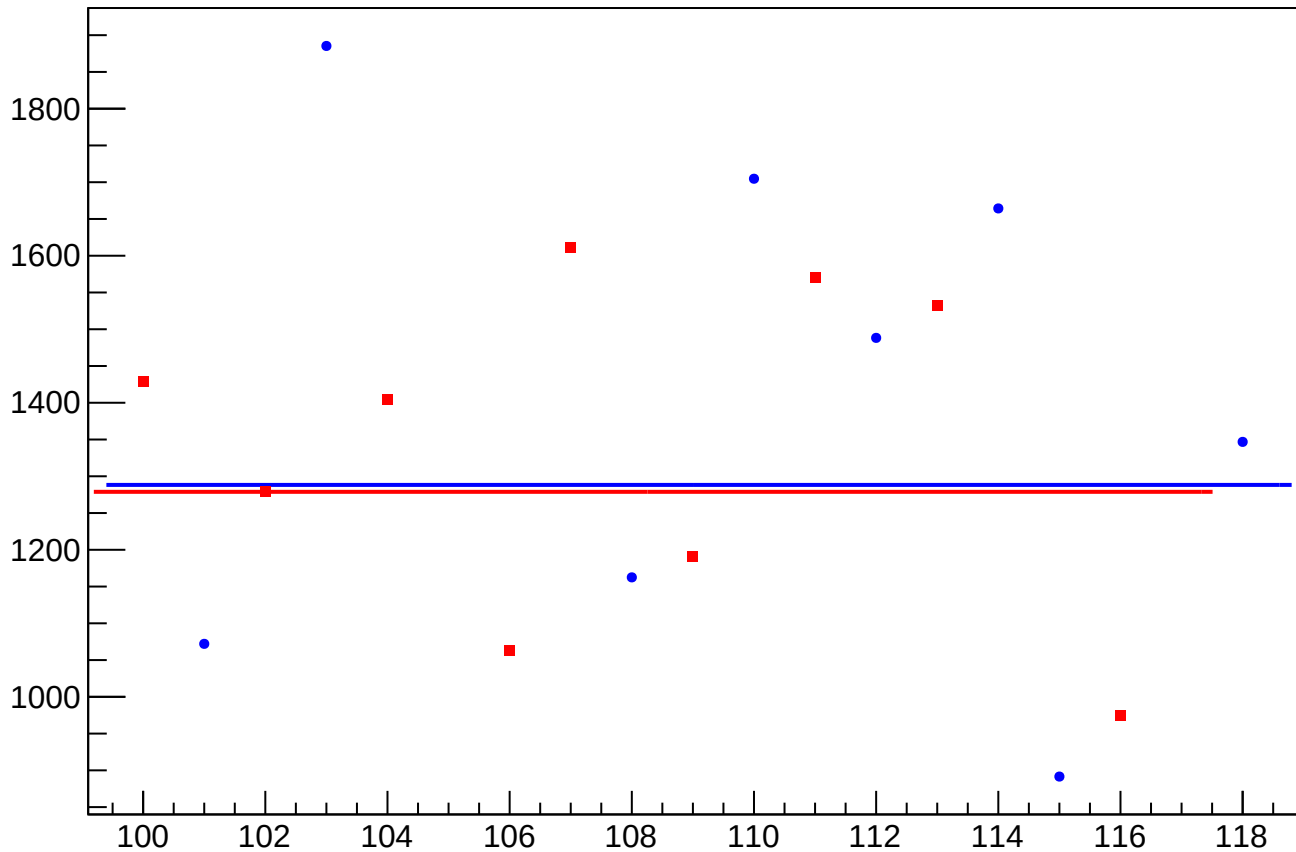
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.292+/-505.840 χ^2/NDF : 20.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1288.261 $\pm$ 0.513 χ^2 /NDF: 313688.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1278.852 $\pm$ 0.499 χ^2 /NDF: 166046.2/8

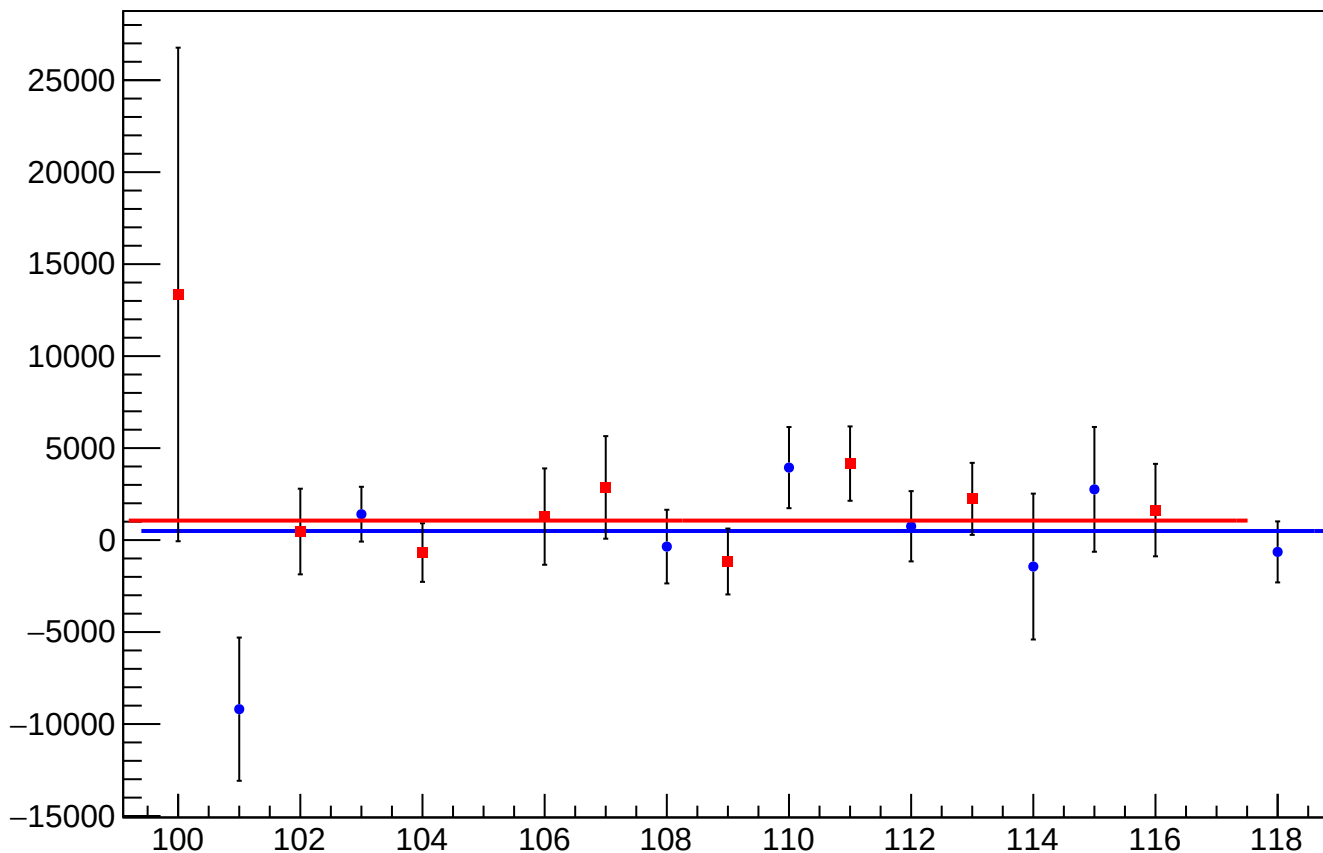
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1283.424 $\pm$ 0.358 χ^2 /NDF: 479907.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



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: 1059.873+/-738.292 χ^2/NDF : 6.8/8

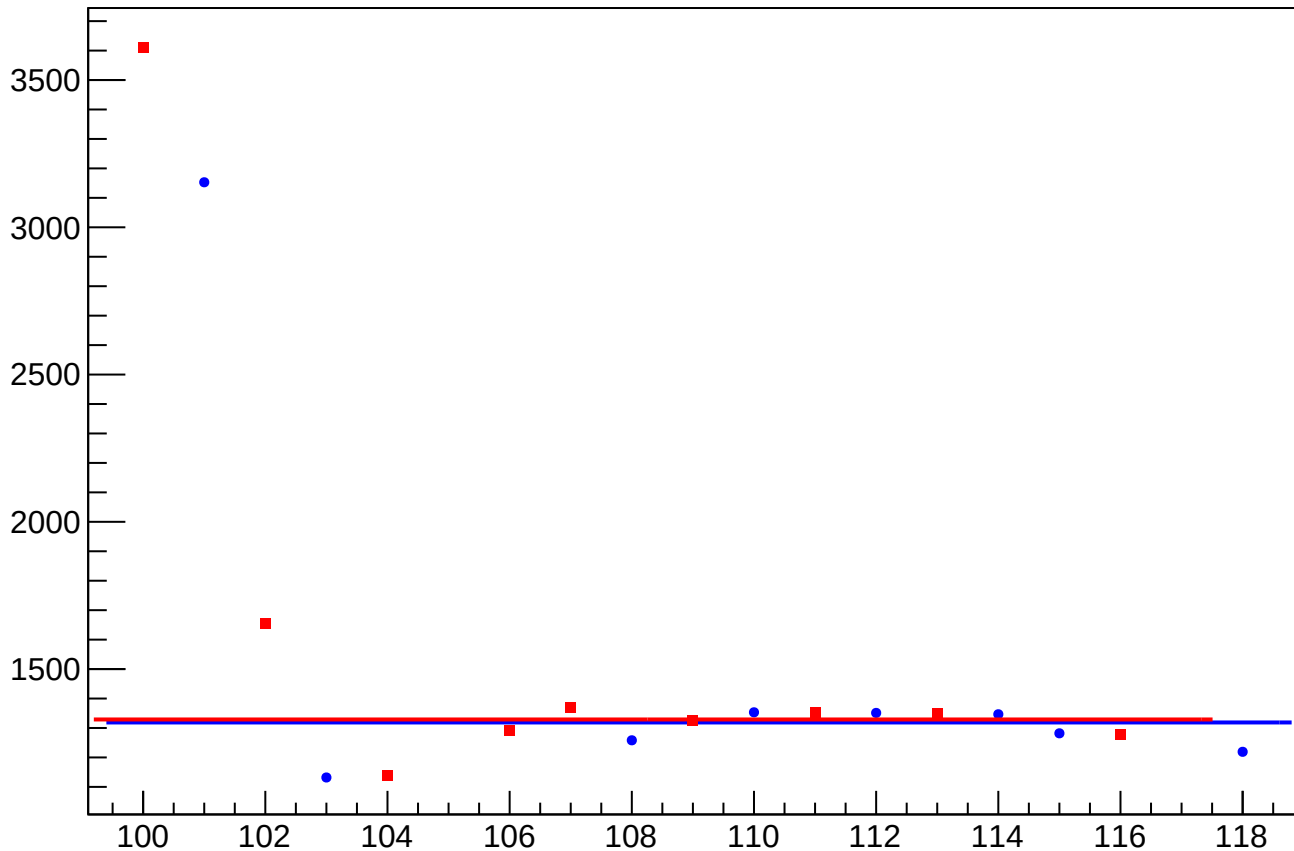
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.764+/-527.422 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1318.764 $\pm$ 0.533 χ^2 /NDF: 485829.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1328.917 $\pm$ 0.522 χ^2 /NDF: 127469.1/8

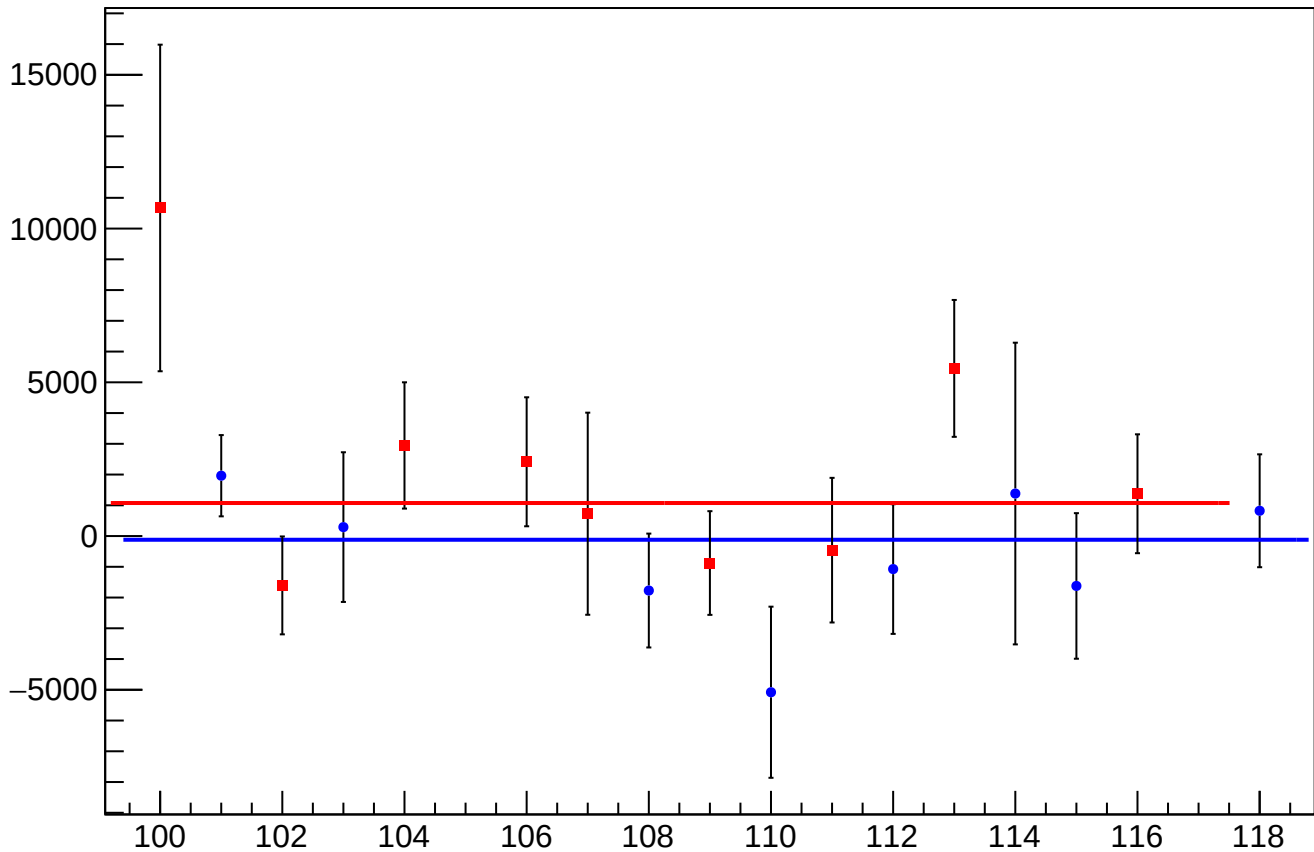
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1323.945 $\pm$ 0.373 χ^2 /NDF: 613484.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



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: 1074.417+/-709.083 χ^2/NDF : 13.0/8

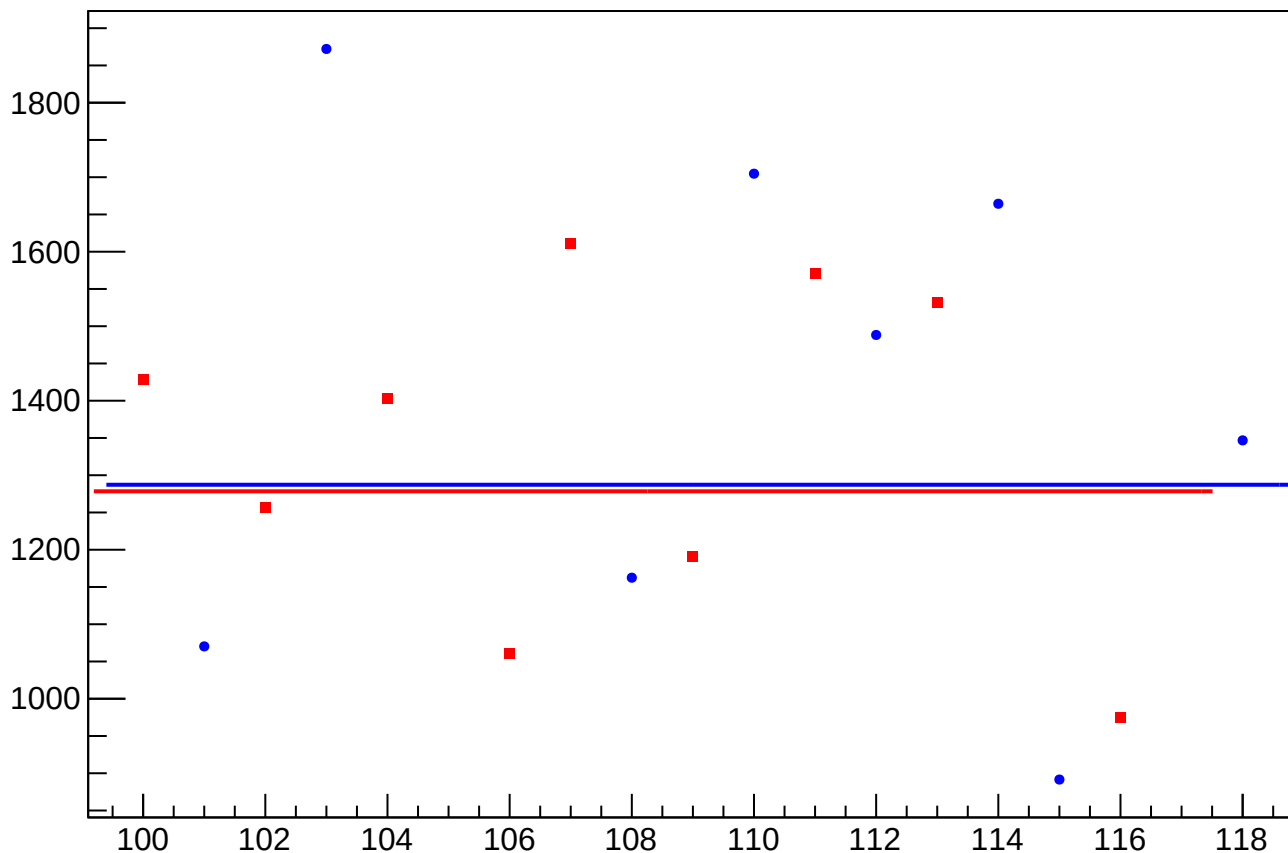
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.918+/-506.841 χ^2/NDF : 21.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



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: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

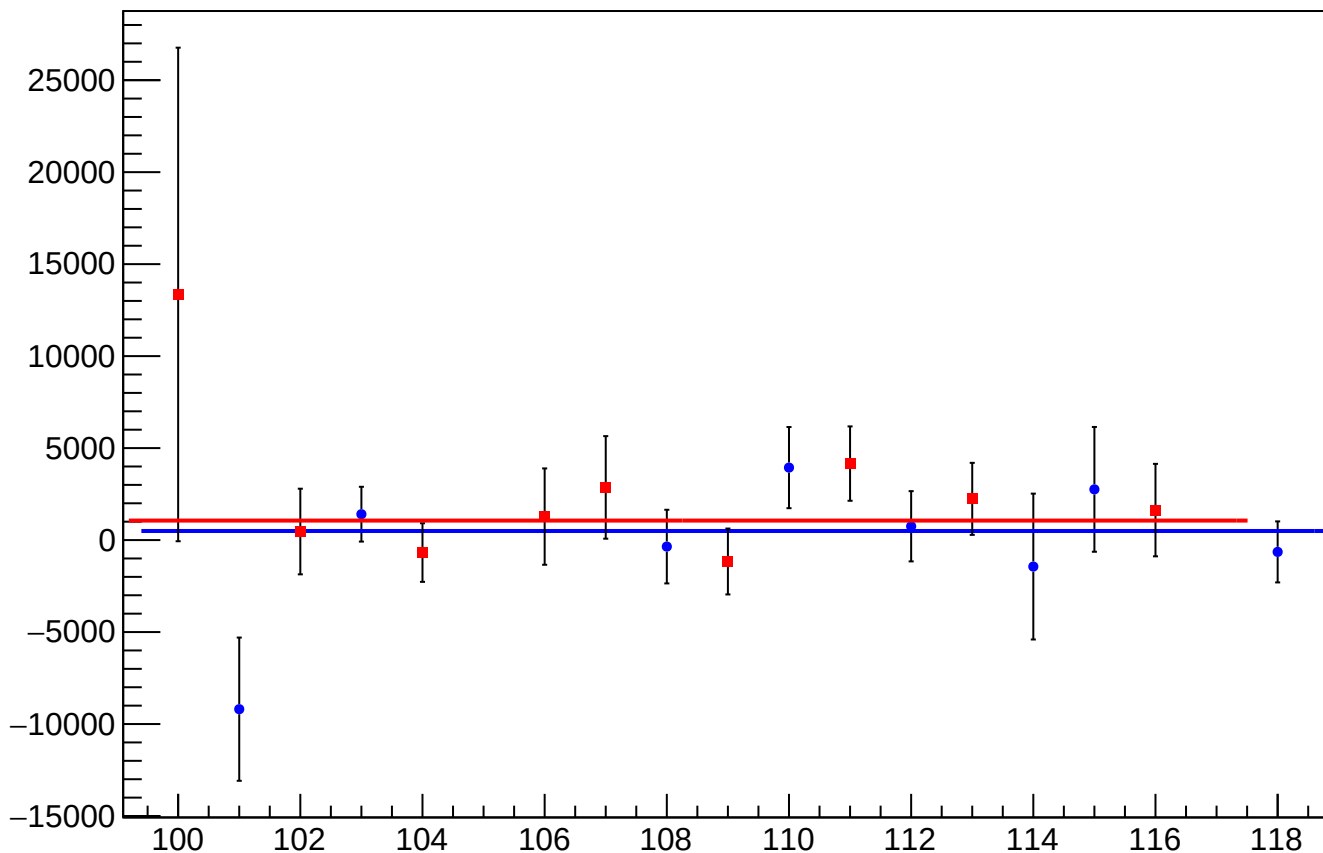
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.729+/-0.358 χ^2/NDF : 474497.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



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: 1059.873+/-738.292 χ^2/NDF : 6.8/8

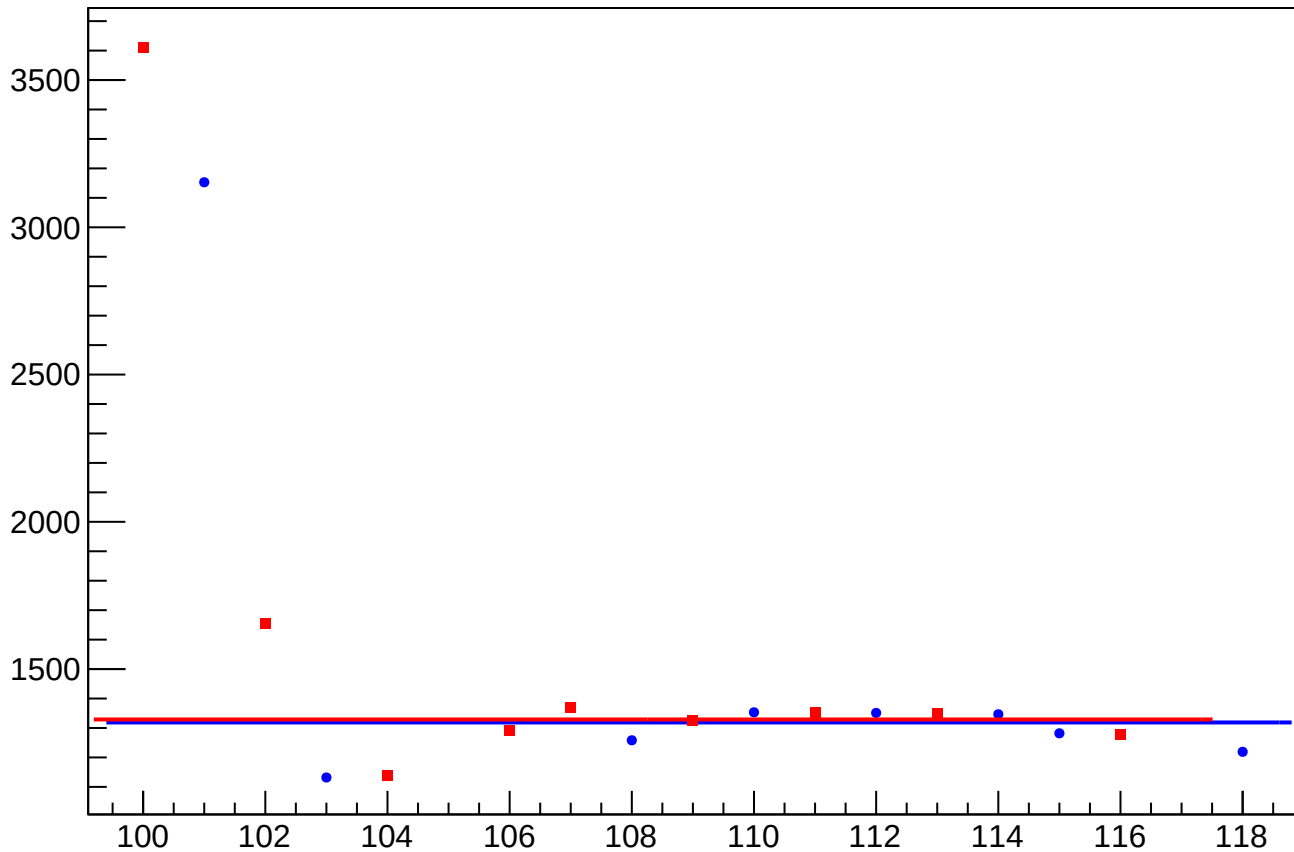
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.764+/-527.422 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1318.764 $\pm$ 0.533 χ^2 /NDF: 485829.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1328.917 $\pm$ 0.522 χ^2 /NDF: 127469.1/8

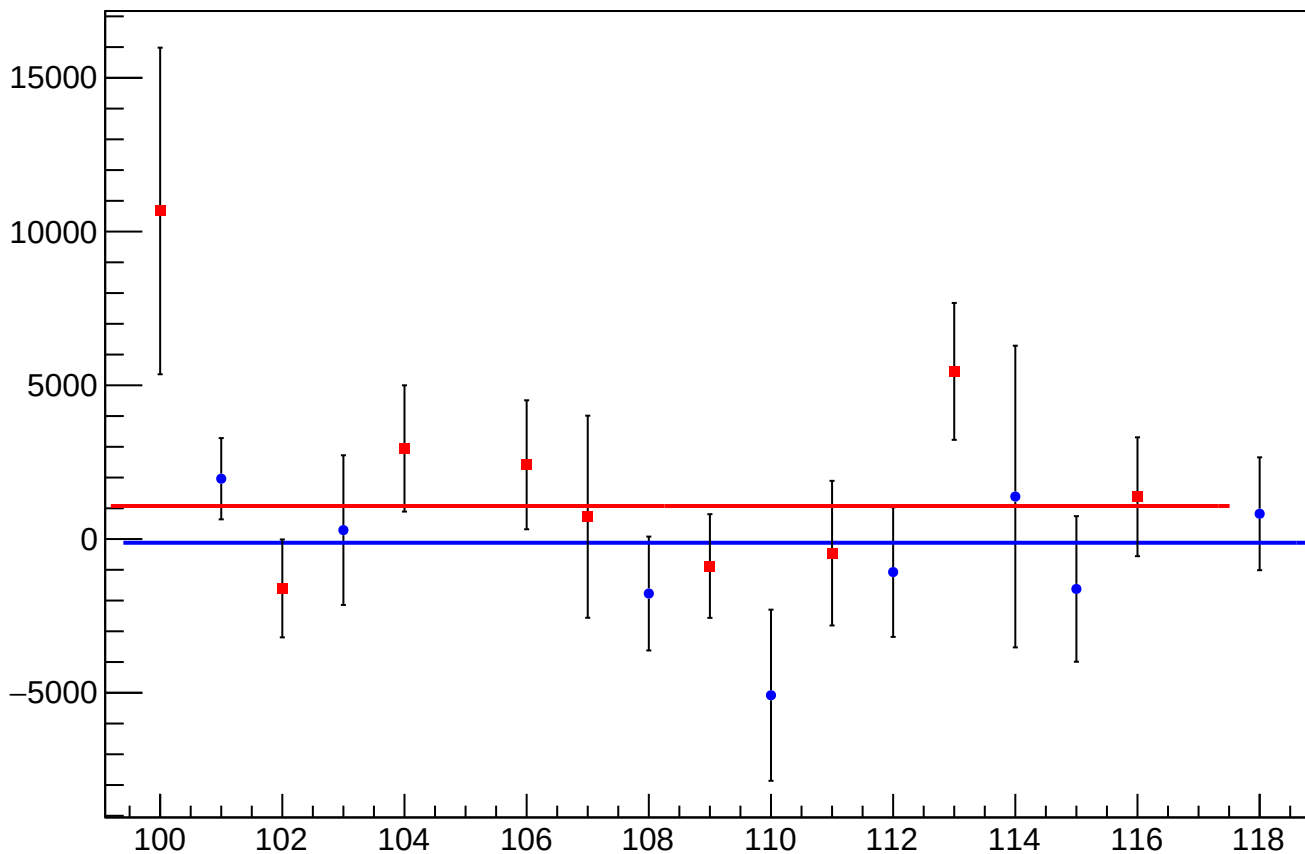
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1323.945 $\pm$ 0.373 χ^2 /NDF: 613484.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



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: 1074.417+/-709.083 χ^2/NDF : 13.0/8

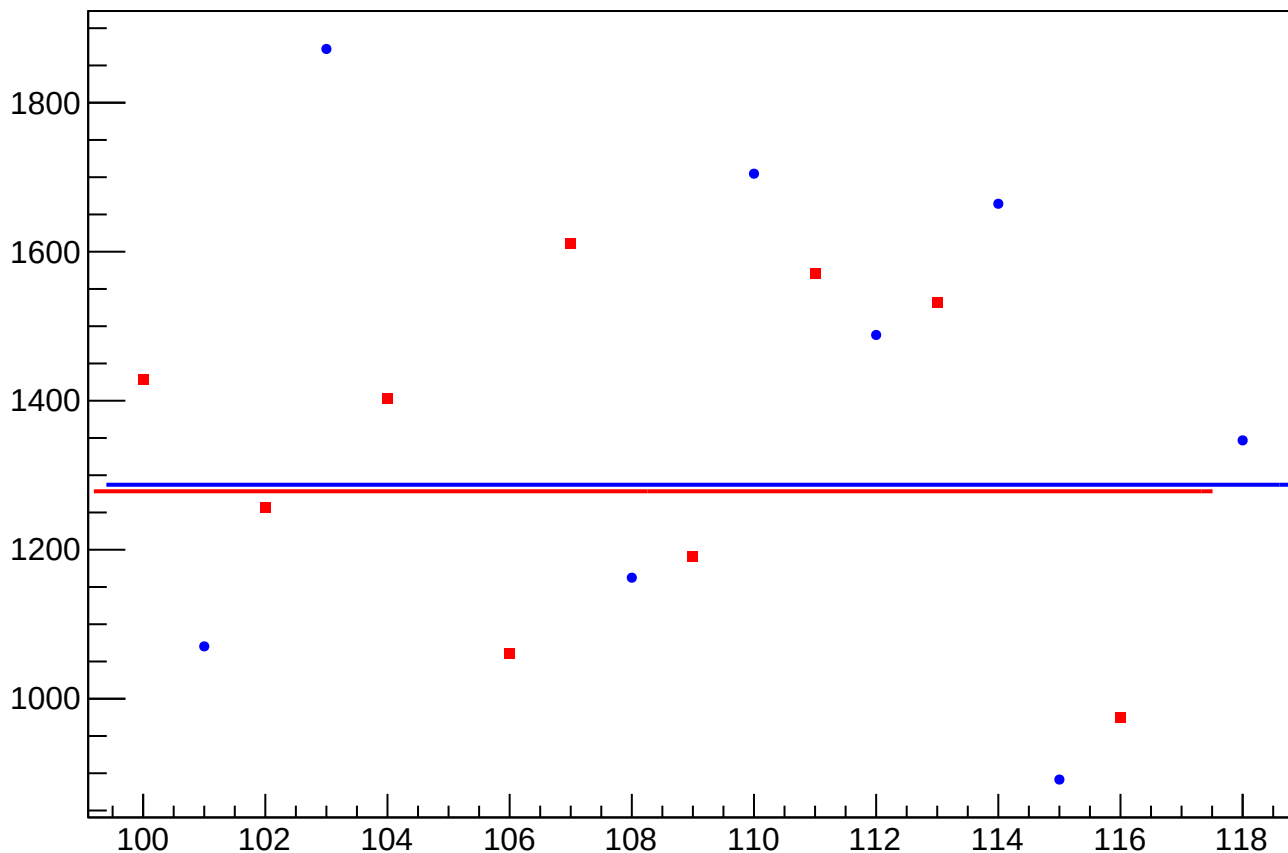
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.918+/-506.841 χ^2/NDF : 21.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



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: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

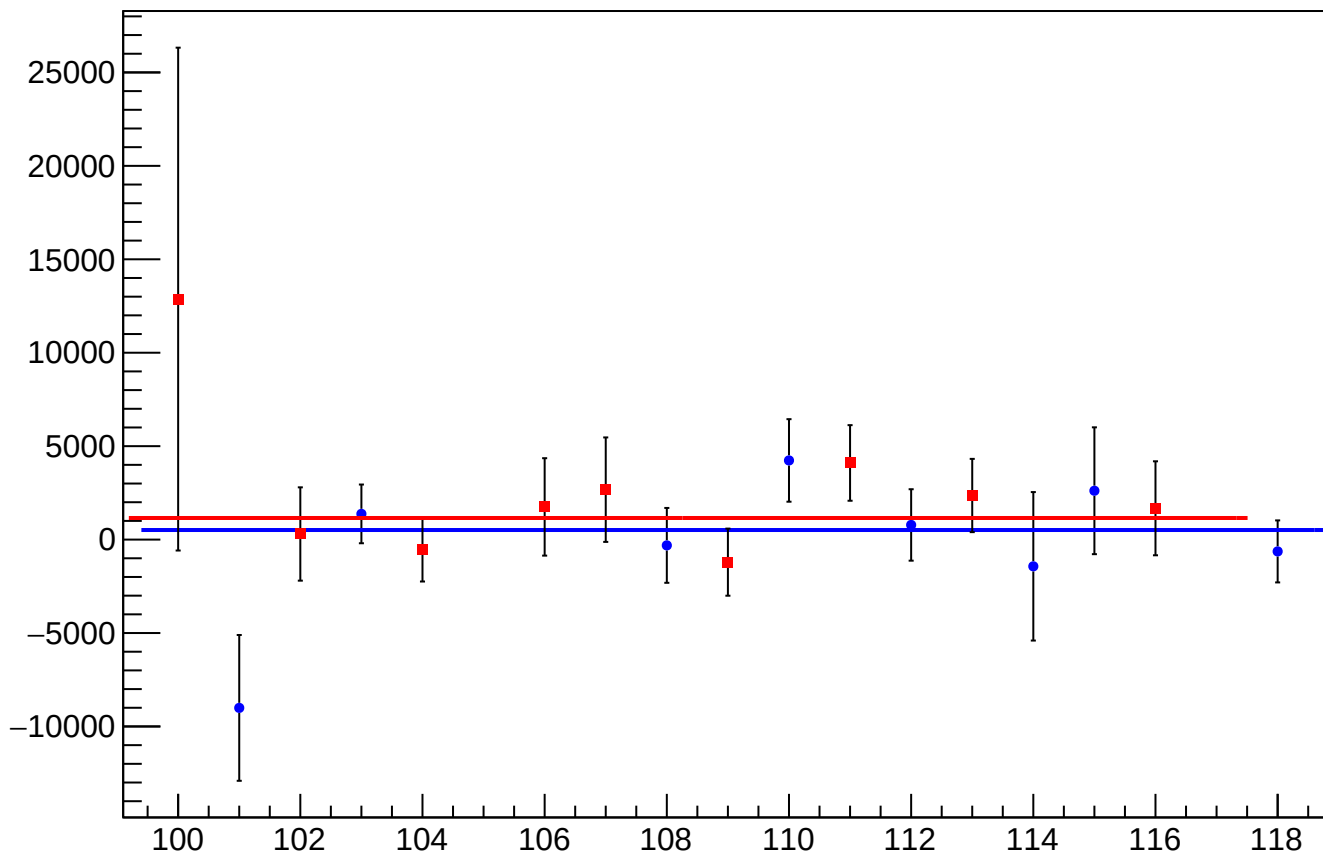
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.729+/-0.358 χ^2/NDF : 474497.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 512.804 $\pm$ 764.281 χ^2 /NDF: 10.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1156.272 $\pm$ 753.621 χ^2 /NDF: 6.5/8

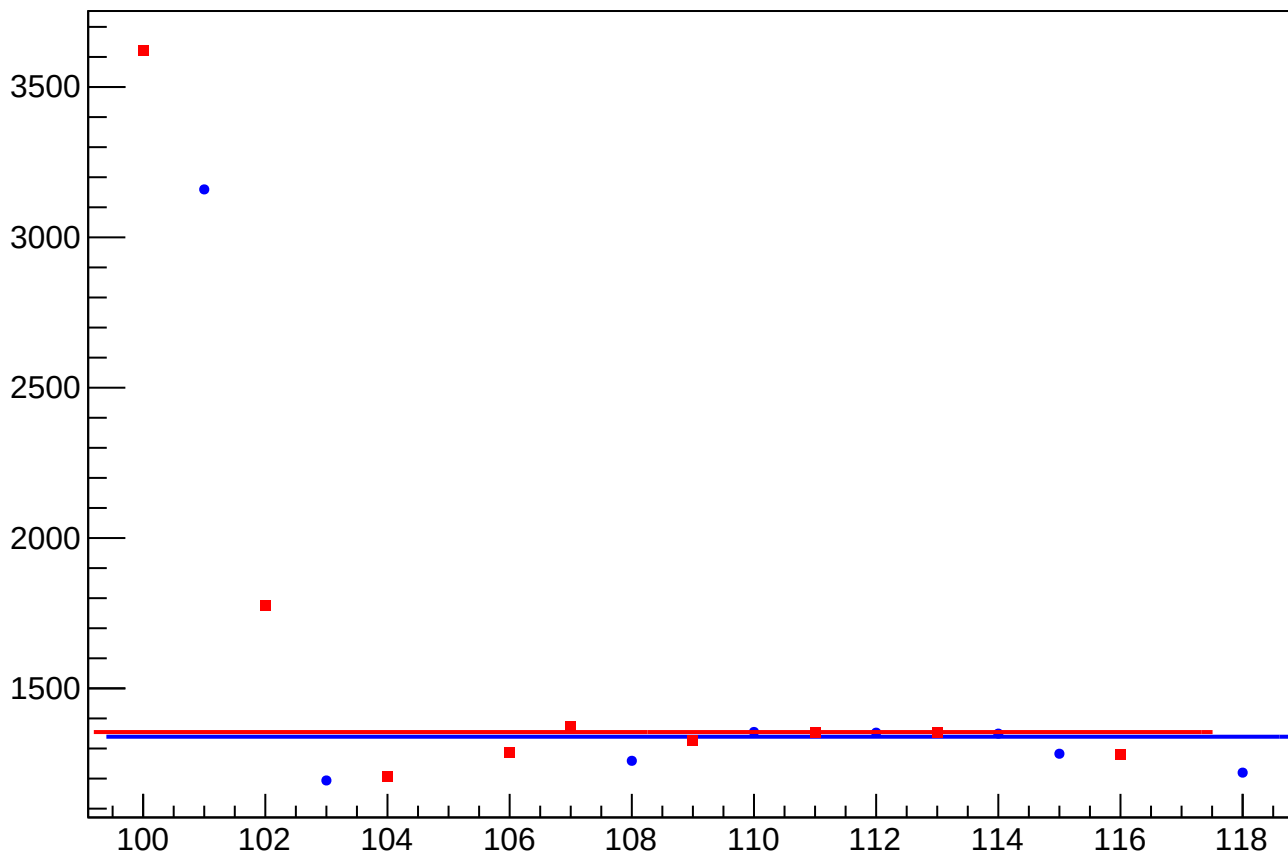
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 839.057 $\pm$ 536.620 χ^2 /NDF: 17.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1339.205 $\pm$ 0.540 χ^2 /NDF: 466868.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.744 $\pm$ 0.533 χ^2 /NDF: 132440.6/8

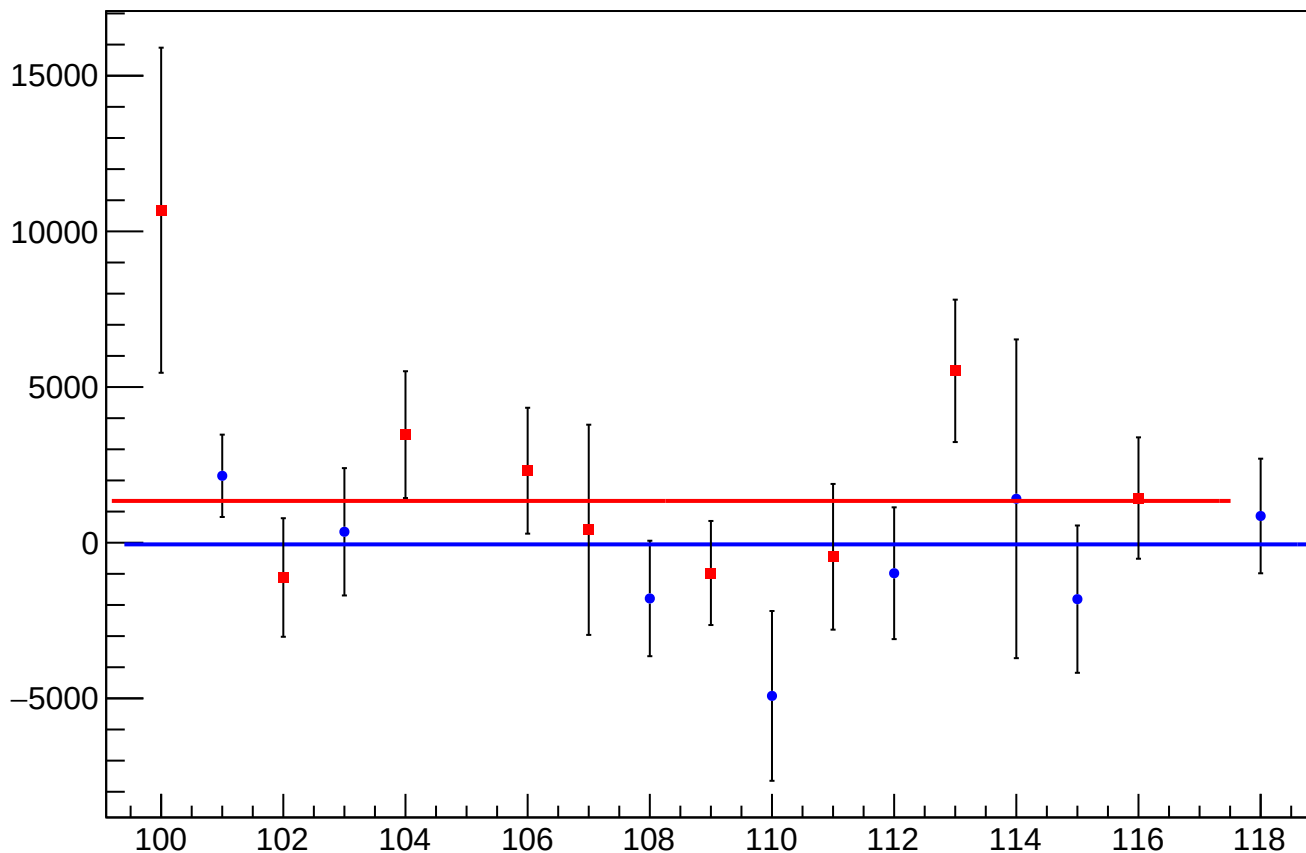
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.084 $\pm$ 0.379 χ^2 /NDF: 599727.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



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: 1342.062+/-729.166 χ^2/NDF : 12.1/8

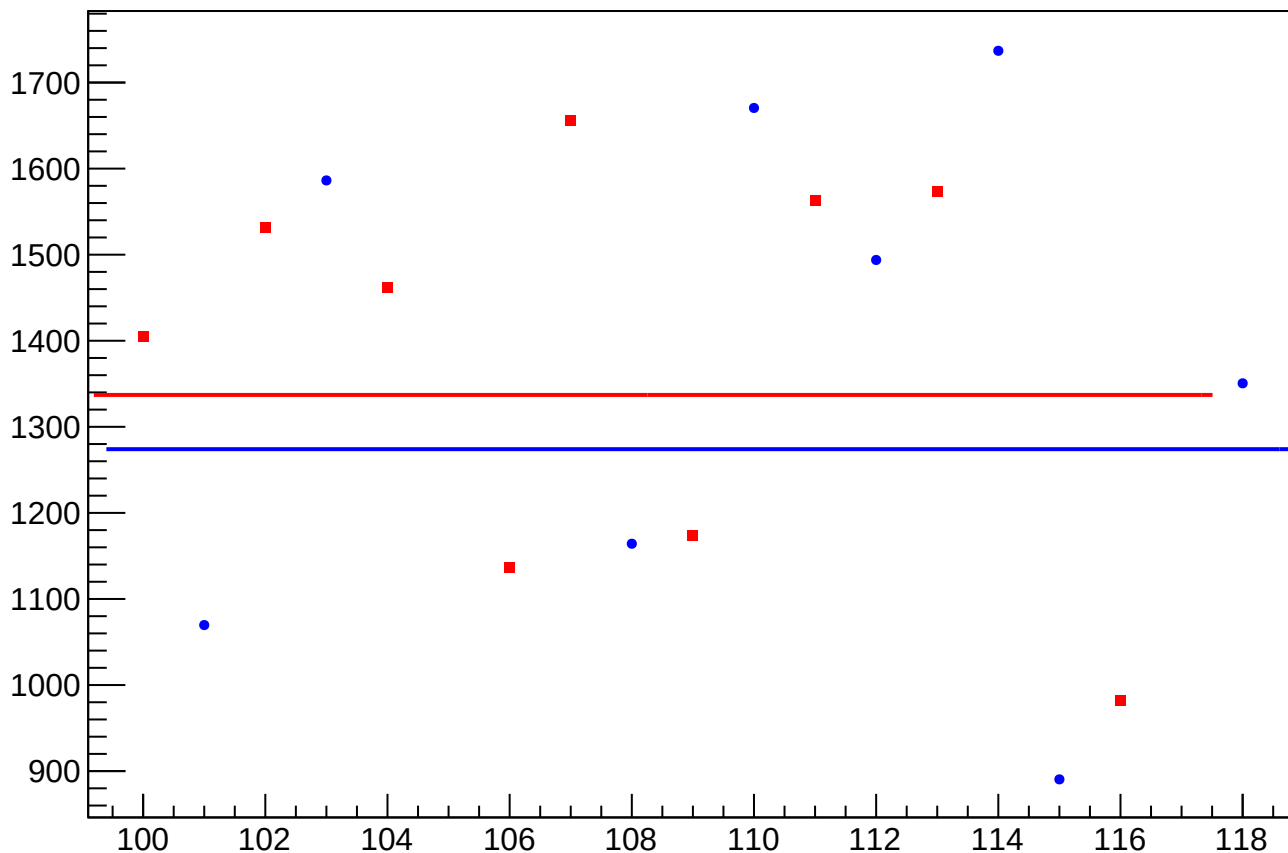
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.799+/-509.518 χ^2/NDF : 21.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1274.028 $\pm$ 0.504 χ^2 /NDF: 237603.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

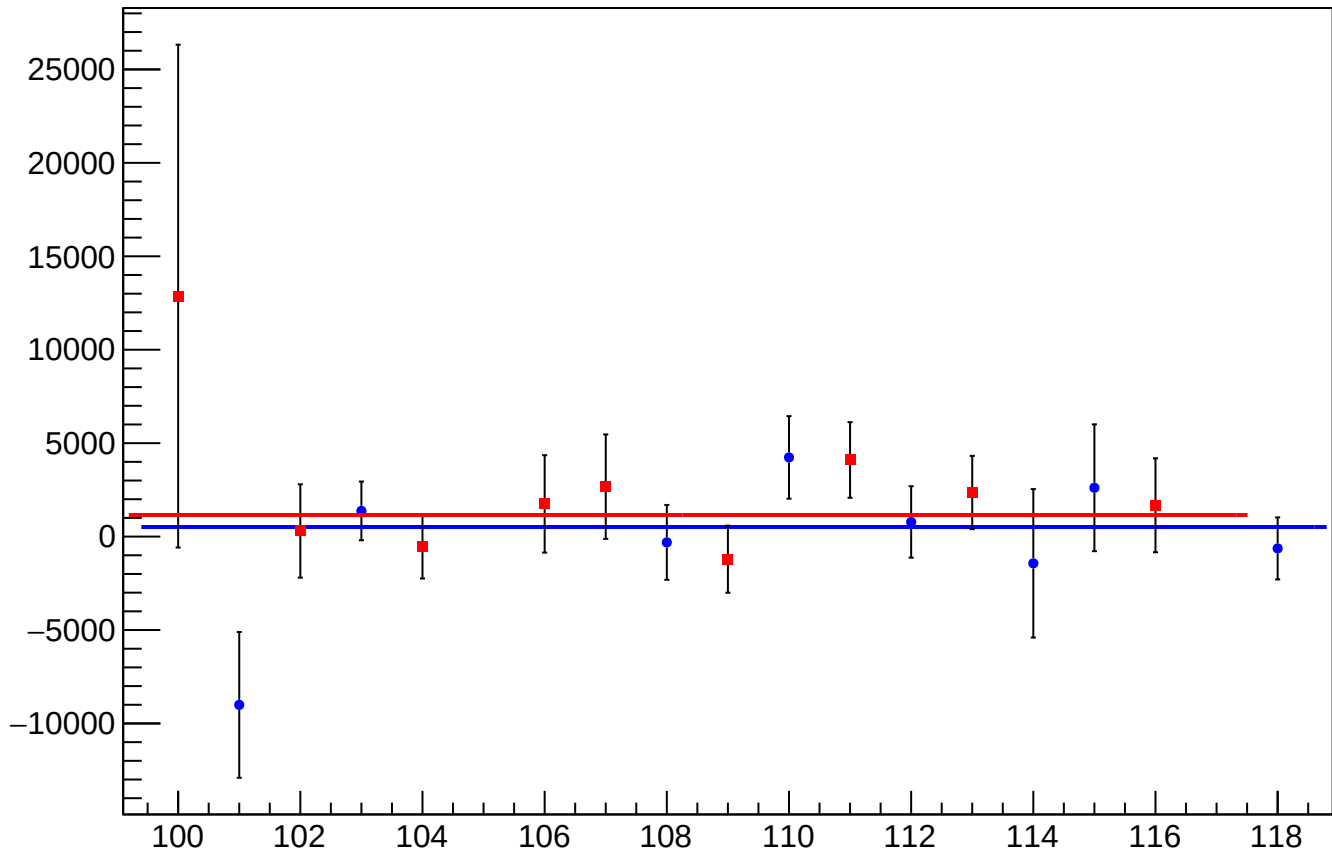
Right Out: 1337.062 $\pm$ 0.516 χ^2 /NDF: 191429.3/8

All: 1304.806 $\pm$ 0.360 χ^2 /NDF: 436681.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug



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: 1156.273+/-753.620 χ^2/NDF : 6.5/8

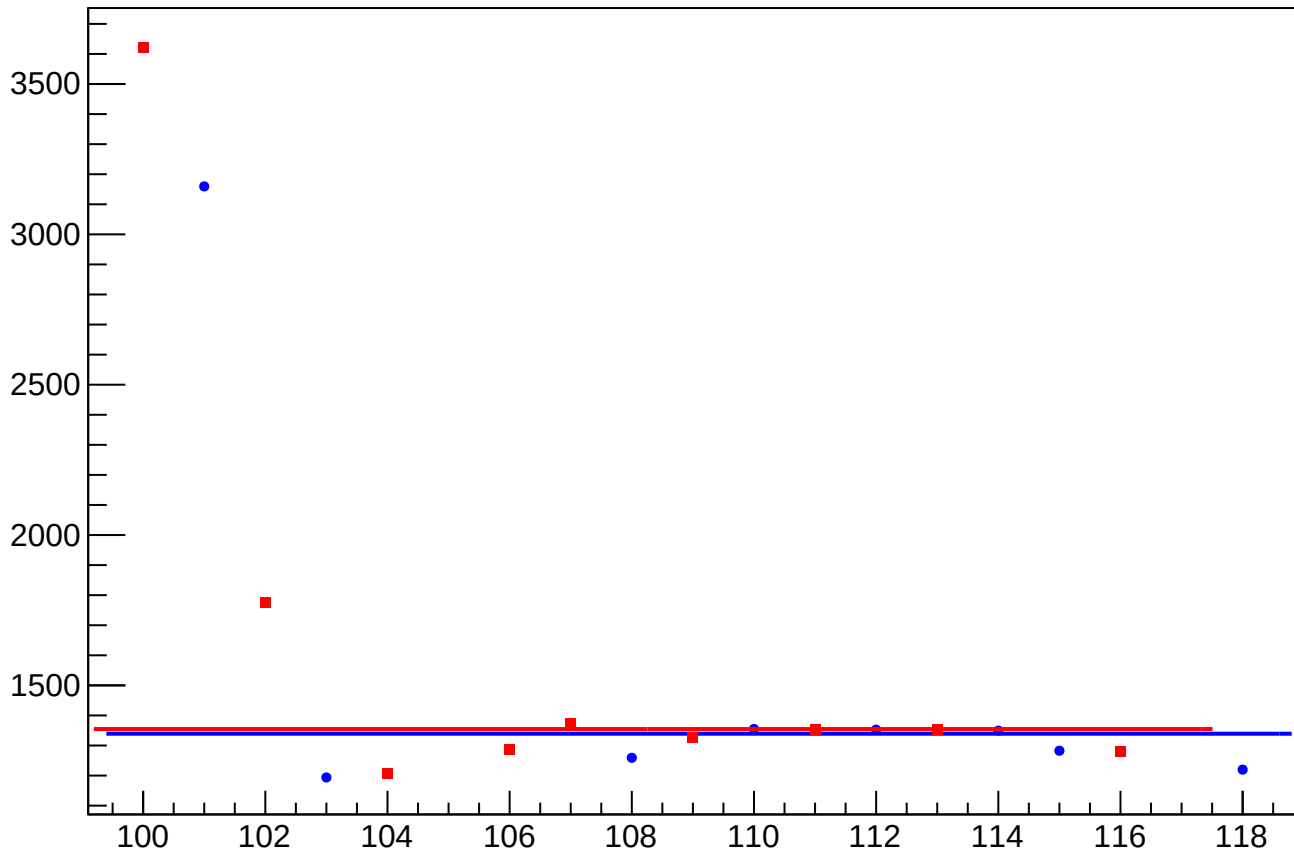
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.055+/-536.620 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1339.205 $\pm$ 0.540 χ^2 /NDF: 466868.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.744 $\pm$ 0.533 χ^2 /NDF: 132440.5/8

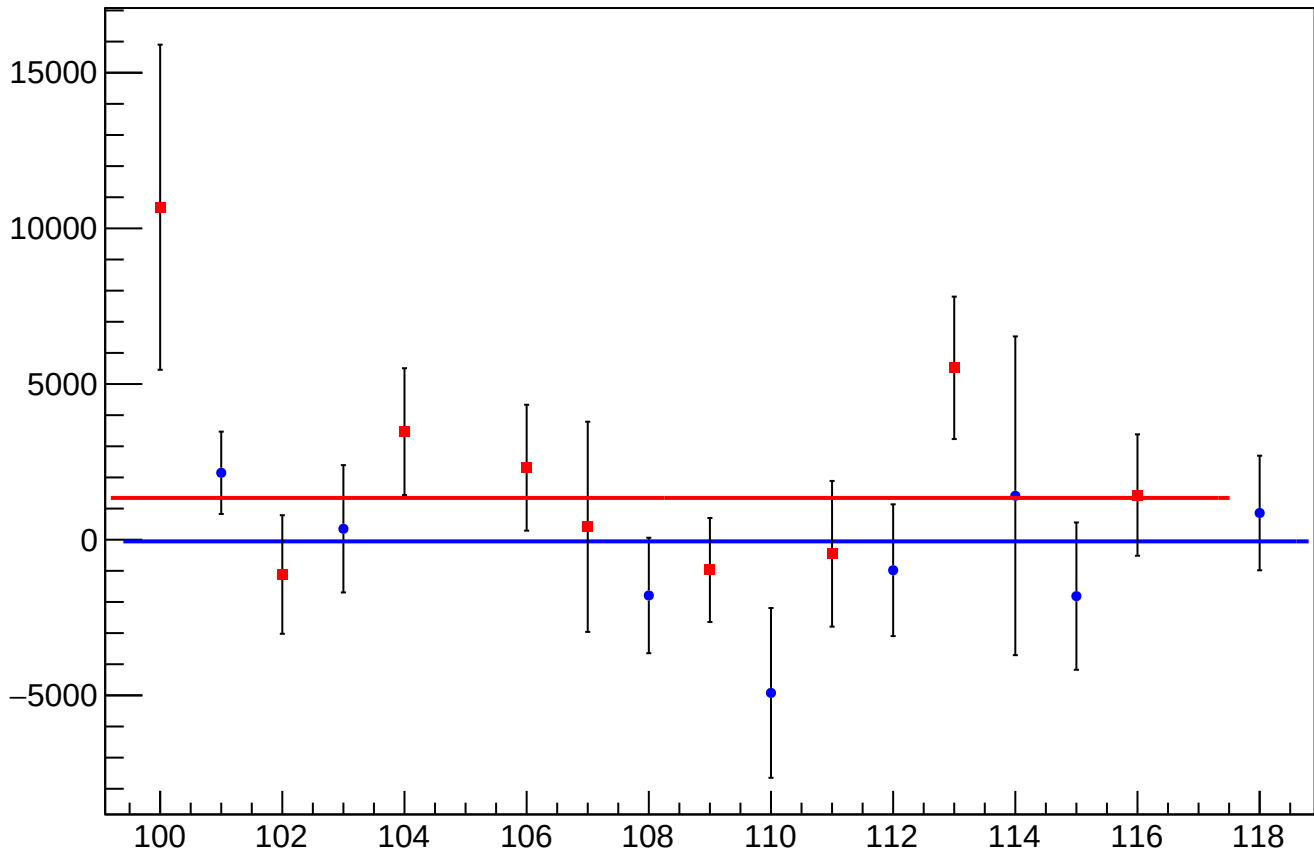
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.084 $\pm$ 0.379 χ^2 /NDF: 599728.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



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: 1342.066+/-729.166 χ^2/NDF : 12.1/8

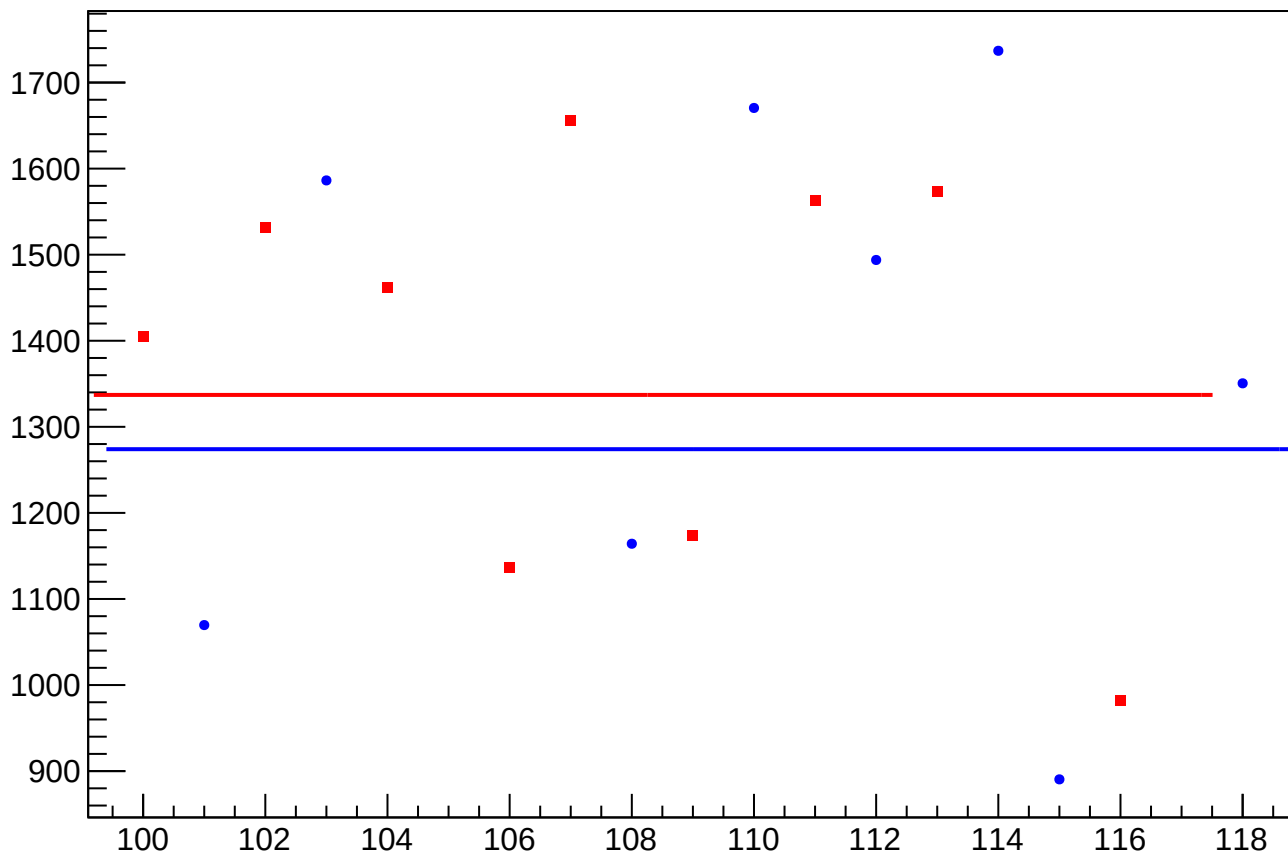
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.798+/-509.517 χ^2/NDF : 21.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1274.025 $\pm$ 0.504 χ^2 /NDF: 237608.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1337.063 $\pm$ 0.516 χ^2 /NDF: 191428.6/8

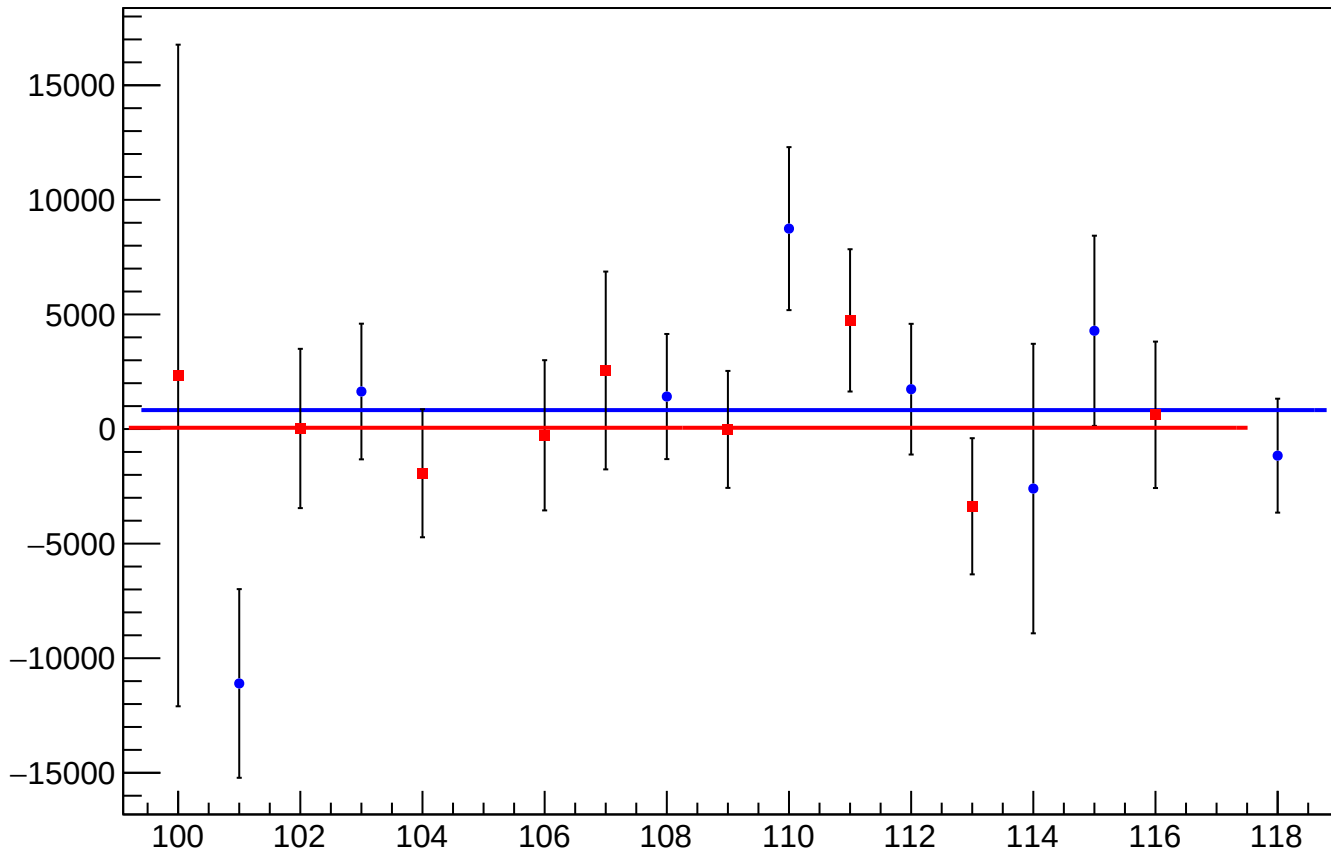
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1304.805 $\pm$ 0.360 χ^2 /NDF: 436686.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



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: 55.138 +/- 1096.854 χ^2/NDF : 4.5/8

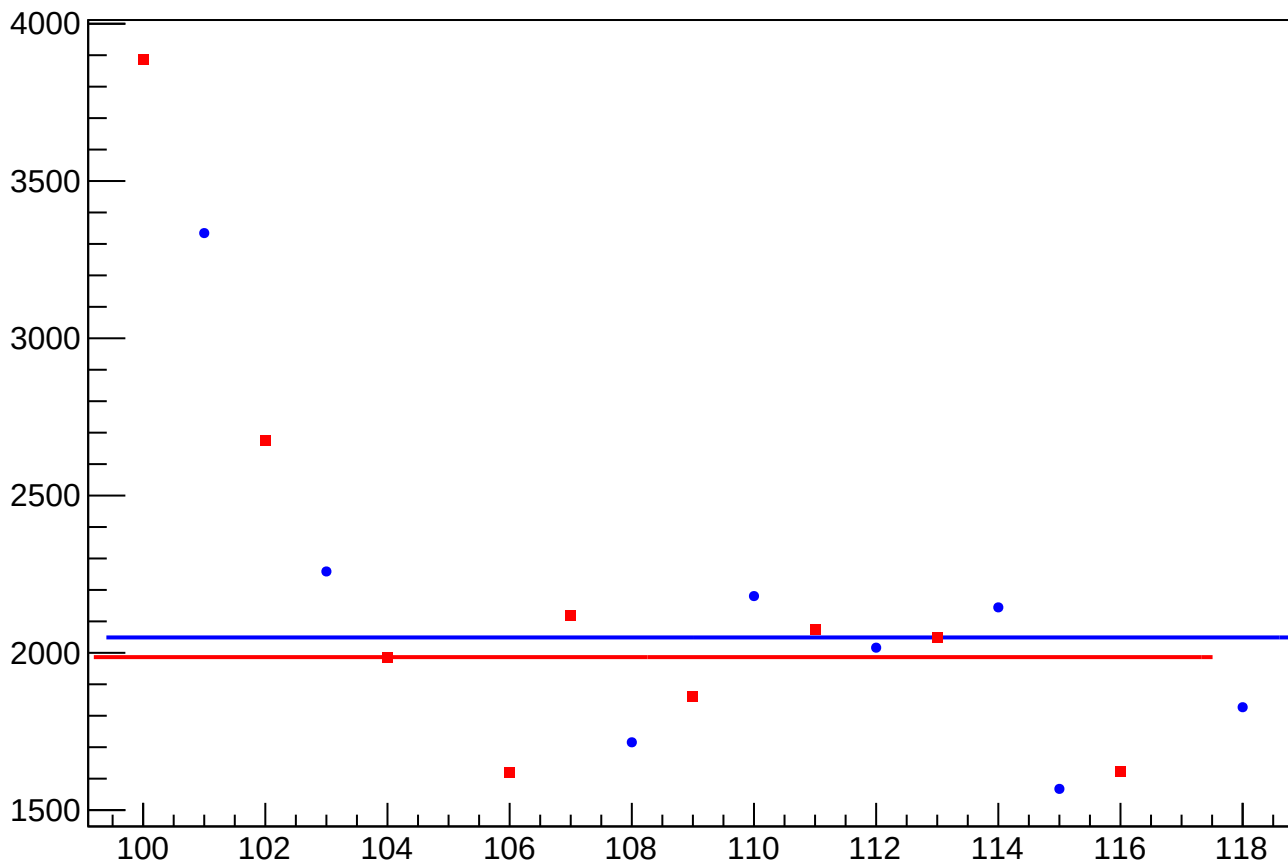
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 421.782 +/- 794.154 χ^2/NDF : 20.0/16

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2048.967 $\pm$ 0.814 χ^2 /NDF: 281235.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1986.378 $\pm$ 0.776 χ^2 /NDF: 173200.2/8

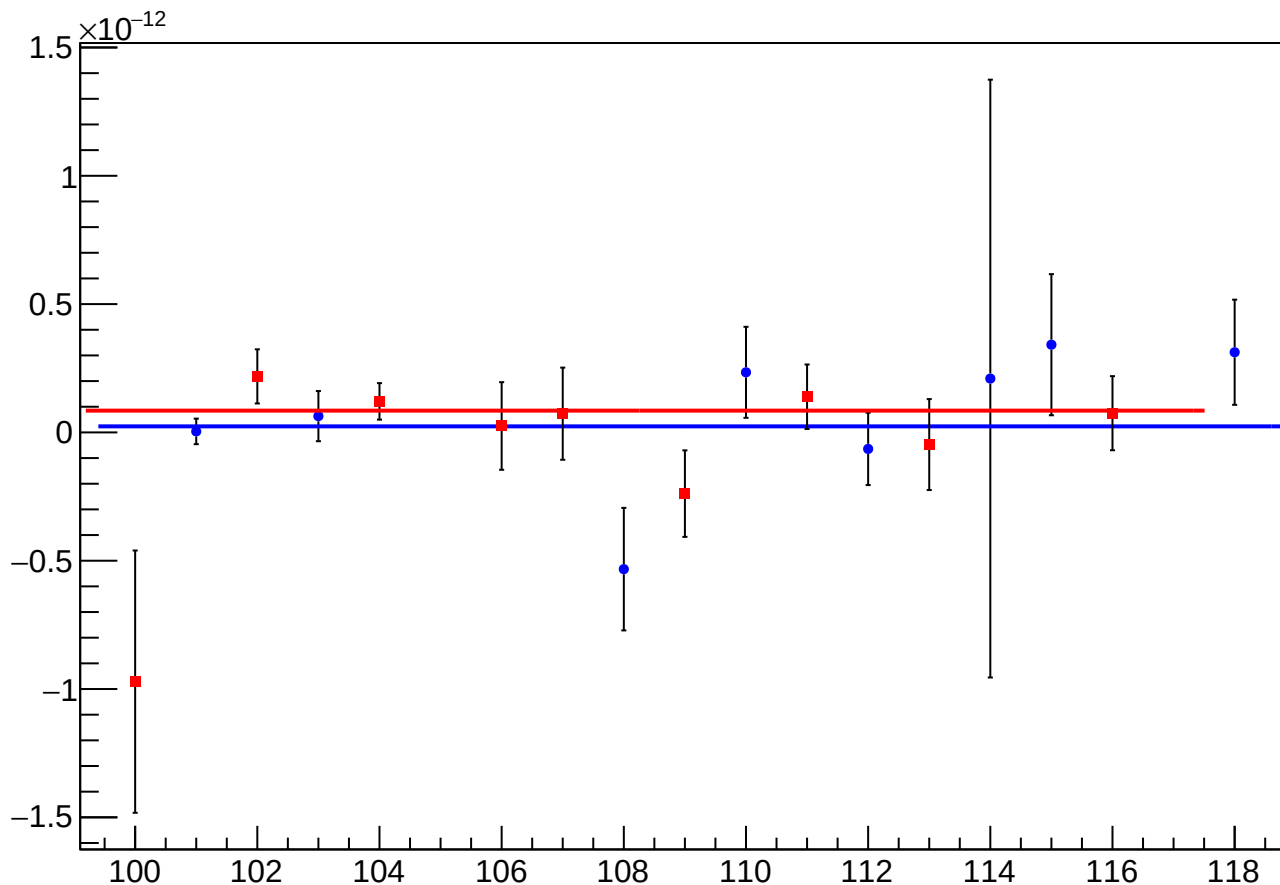
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2016.156 $\pm$ 0.562 χ^2 /NDF: 457534.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/8

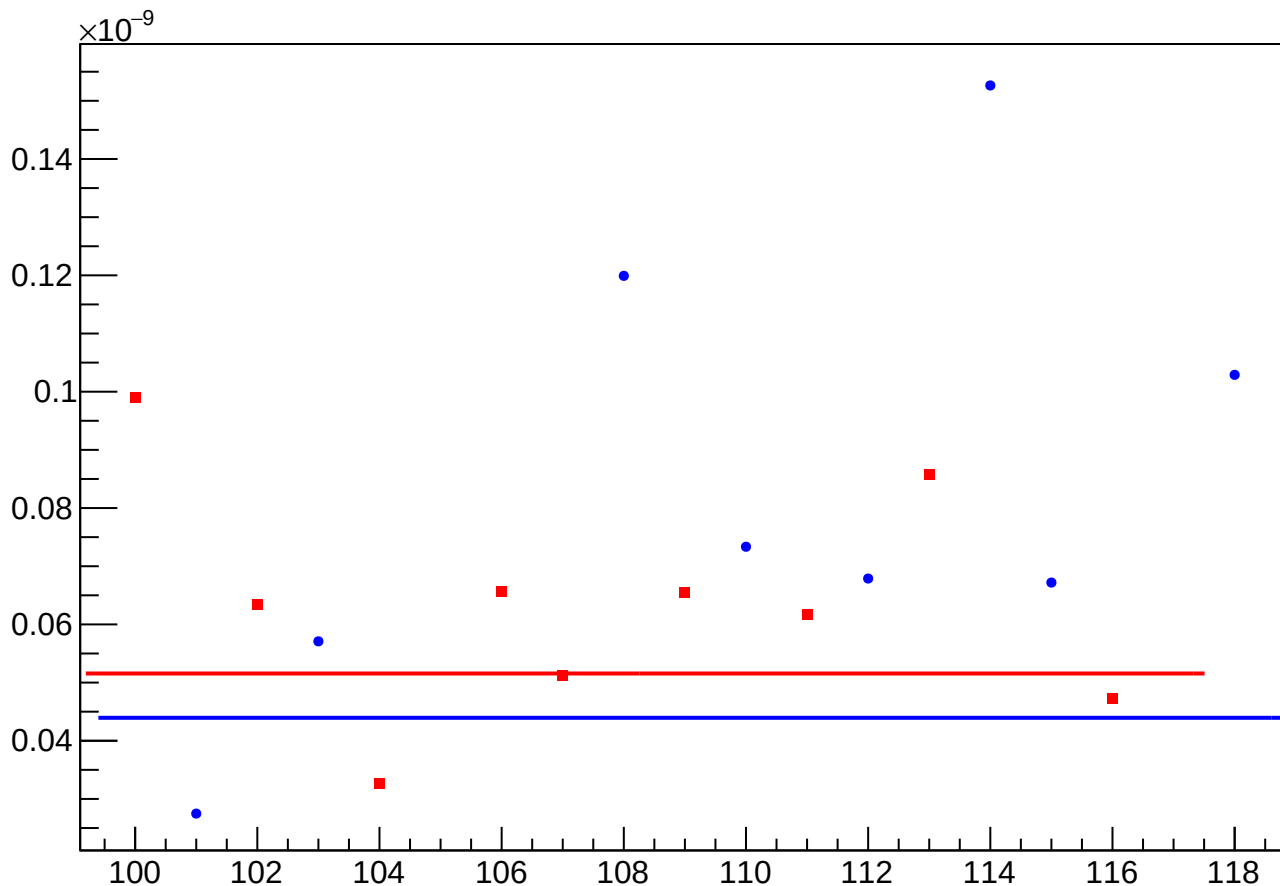
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug



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 : 301444.8/8

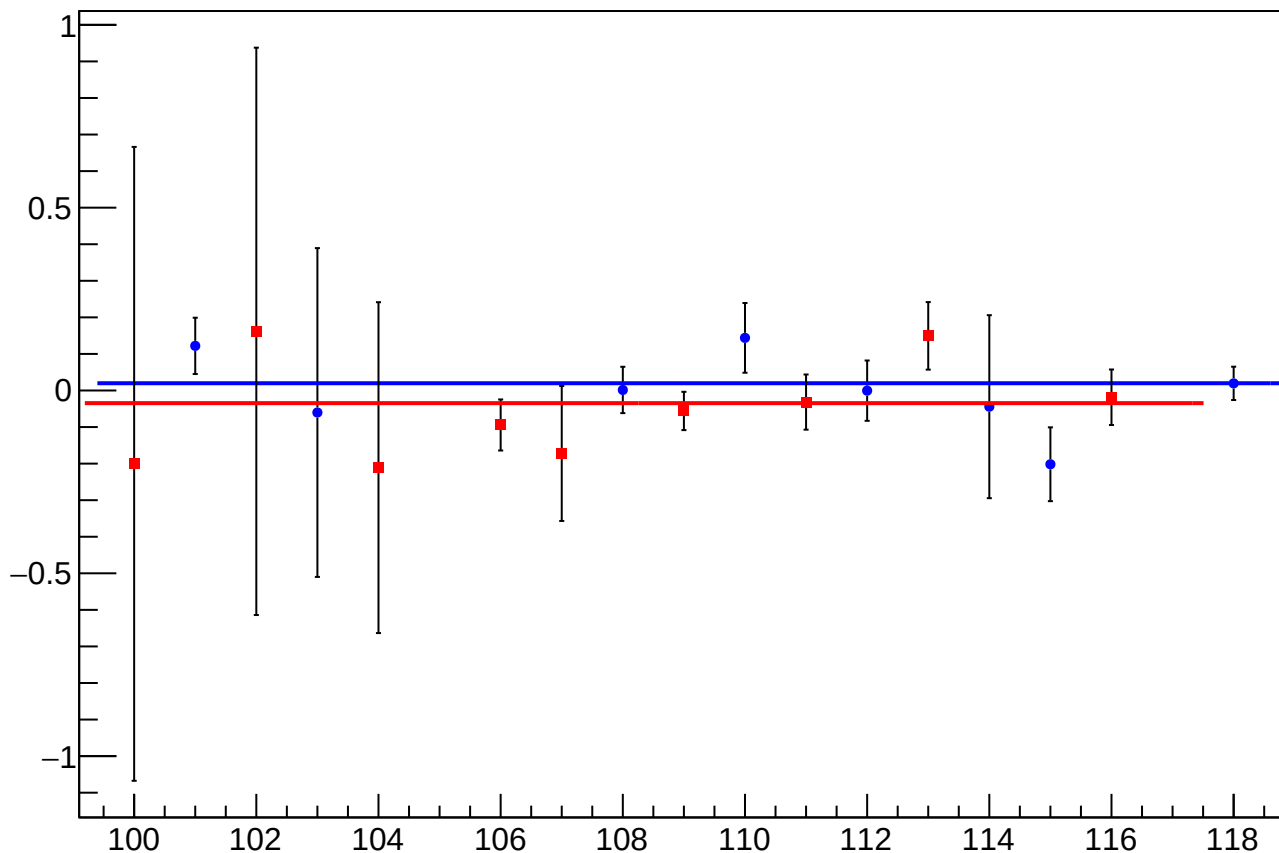
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1102424.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

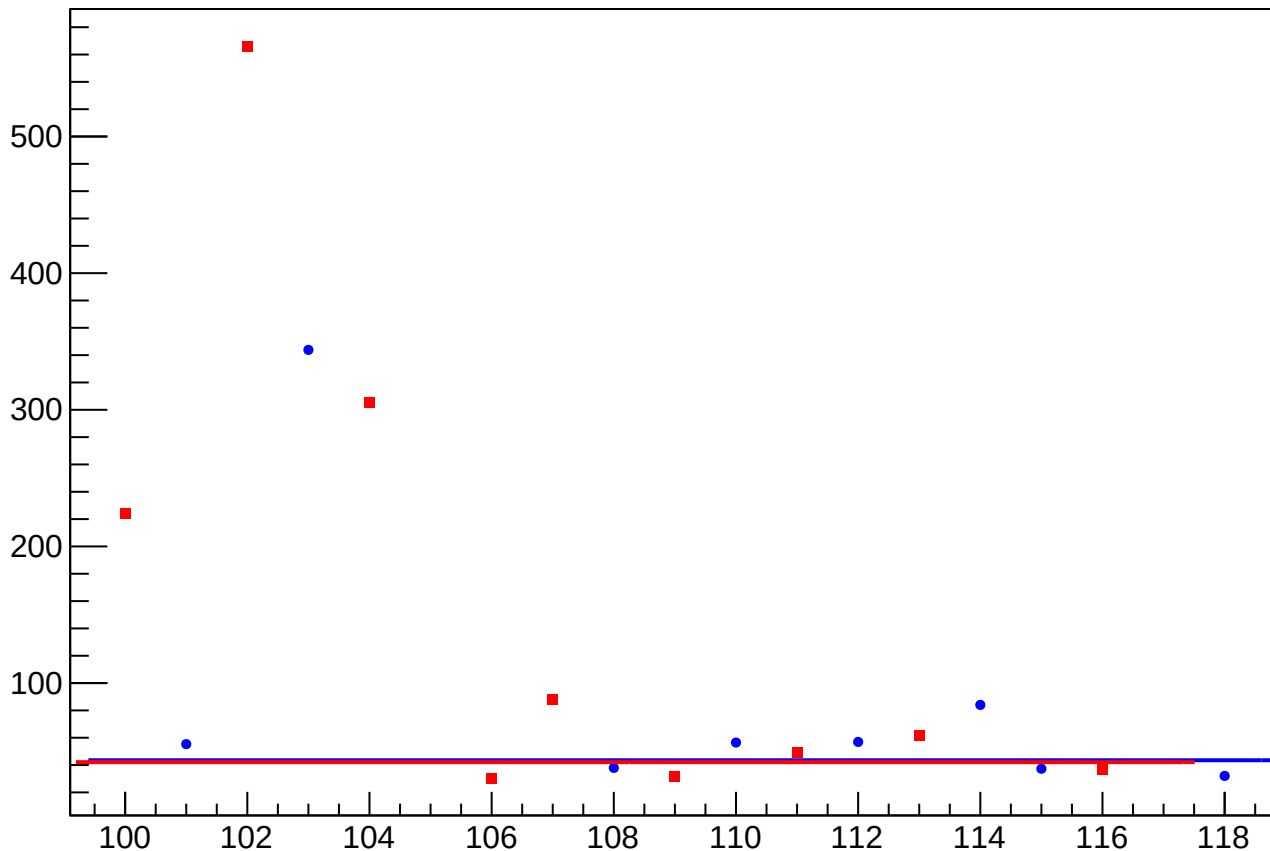
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug



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: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

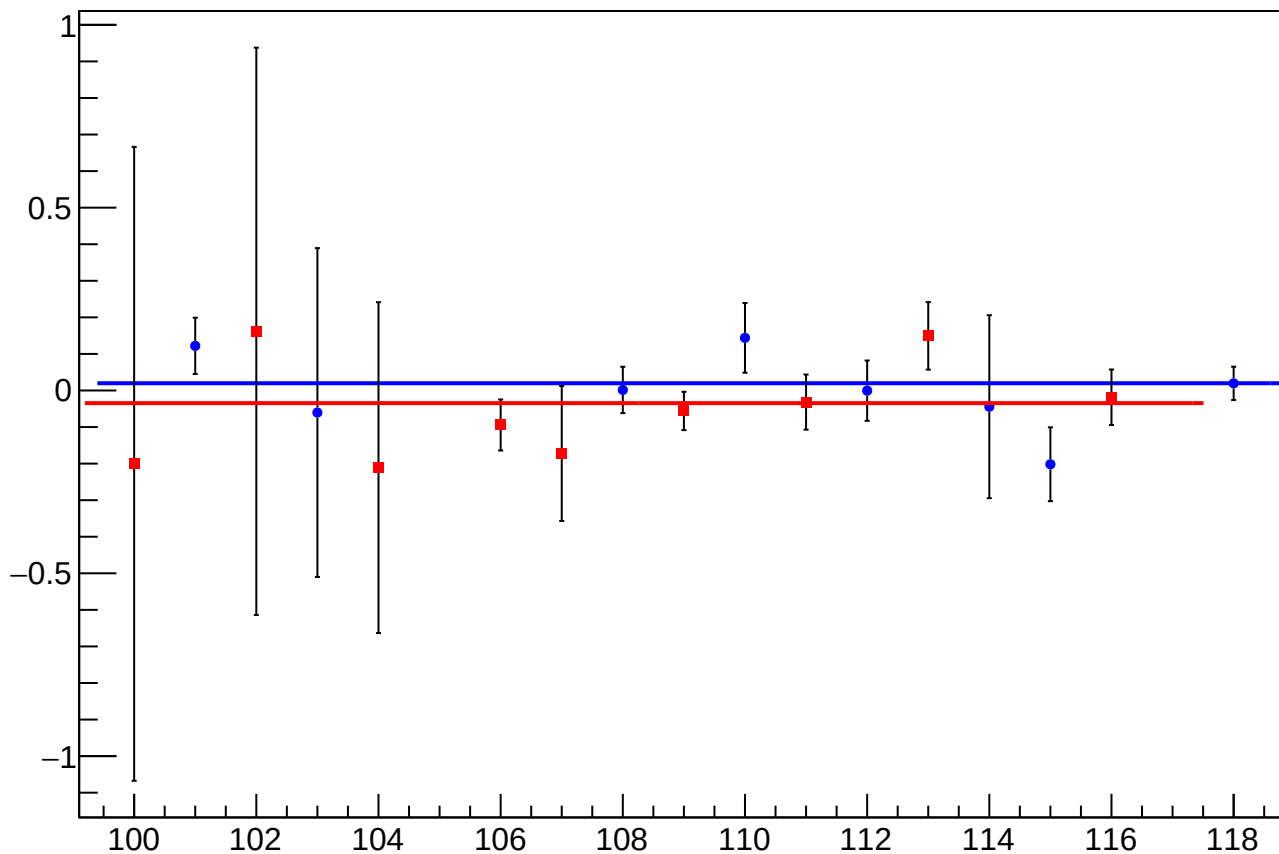
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297652.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

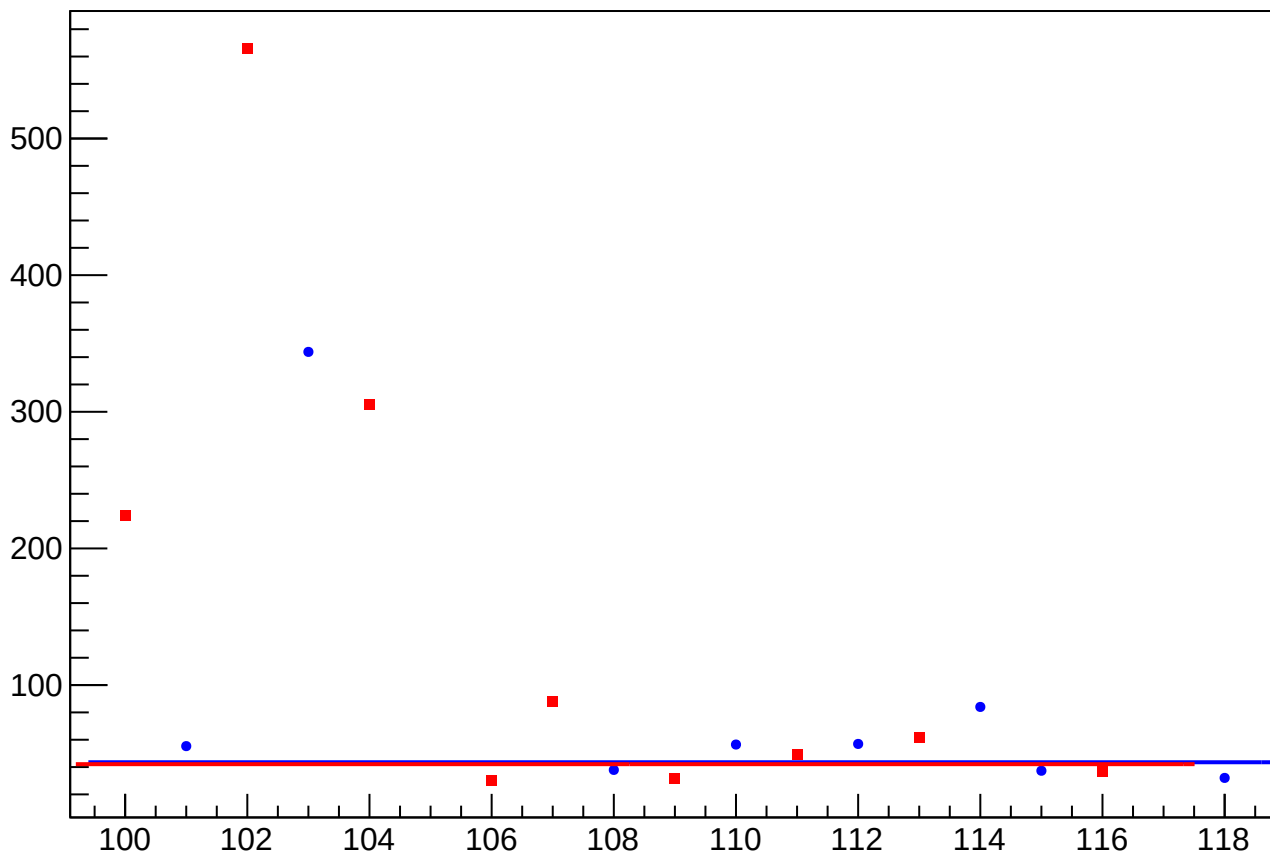
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

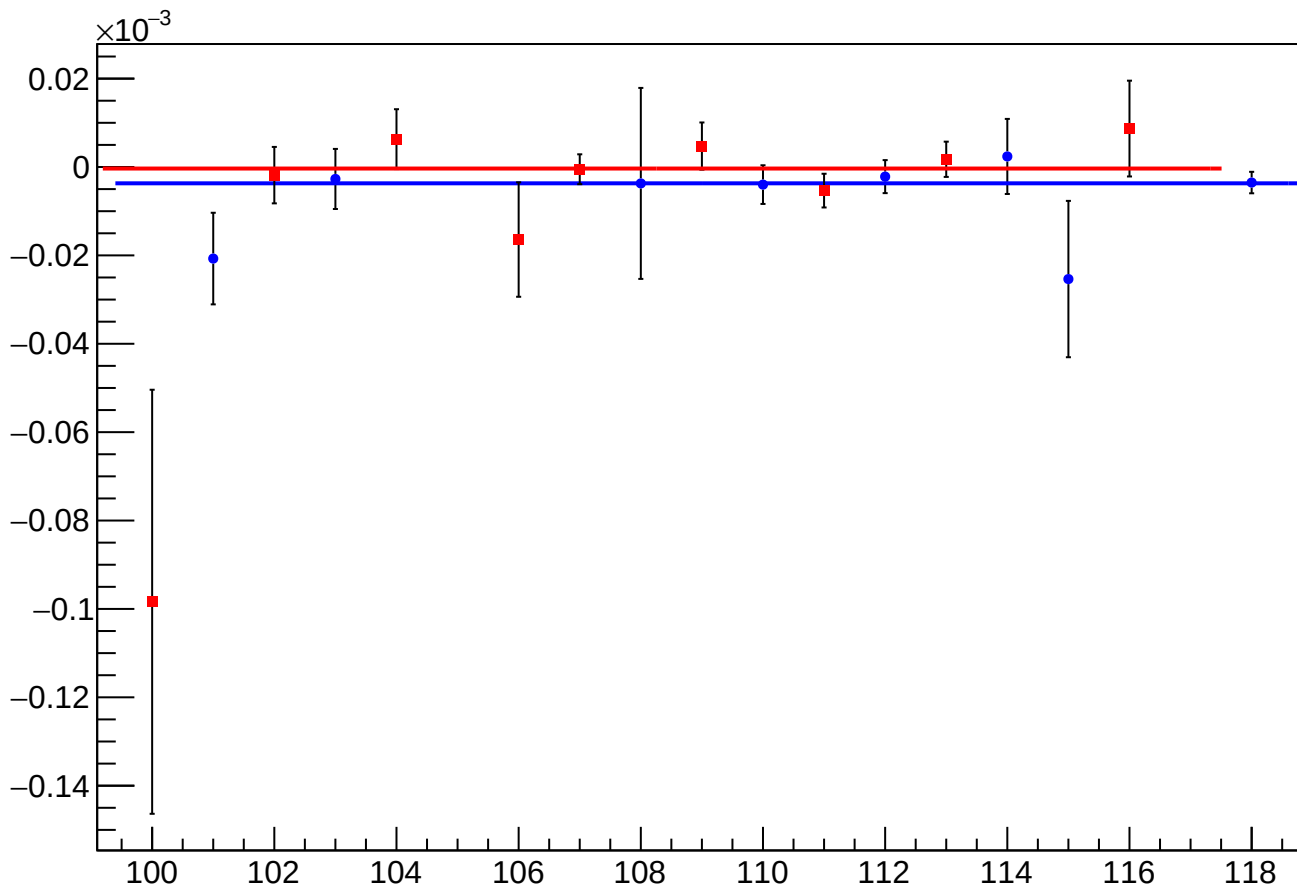
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297652.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 10.3/8

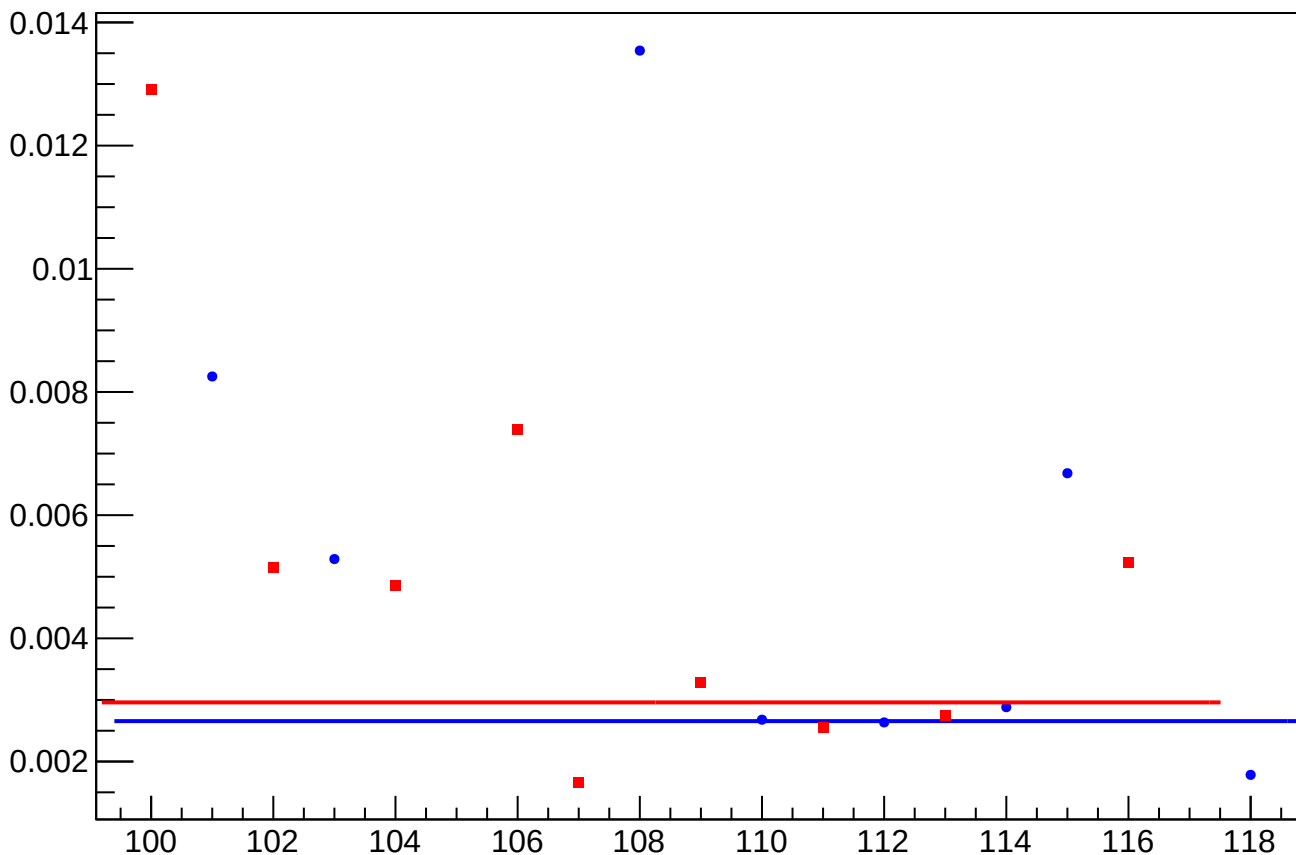
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1133395.4/8

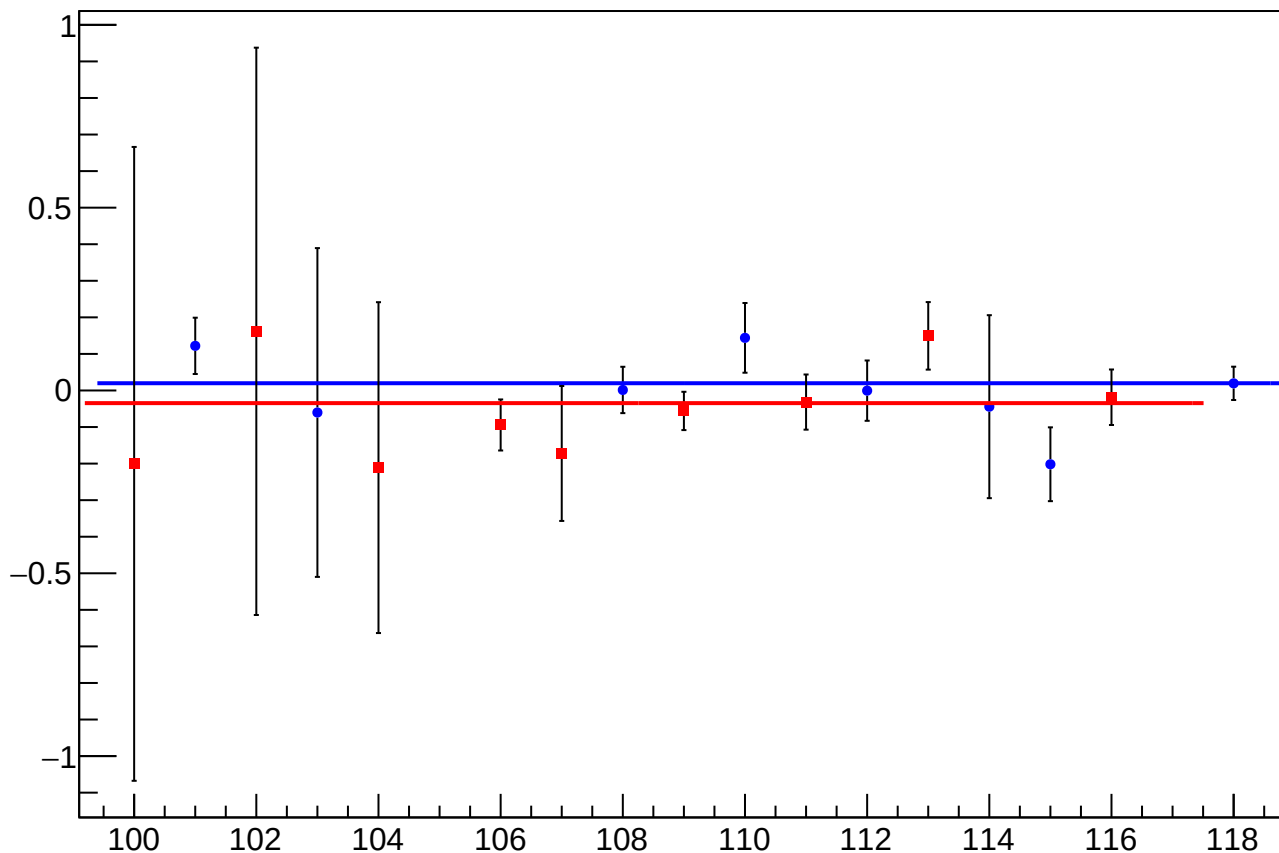
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2917275.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

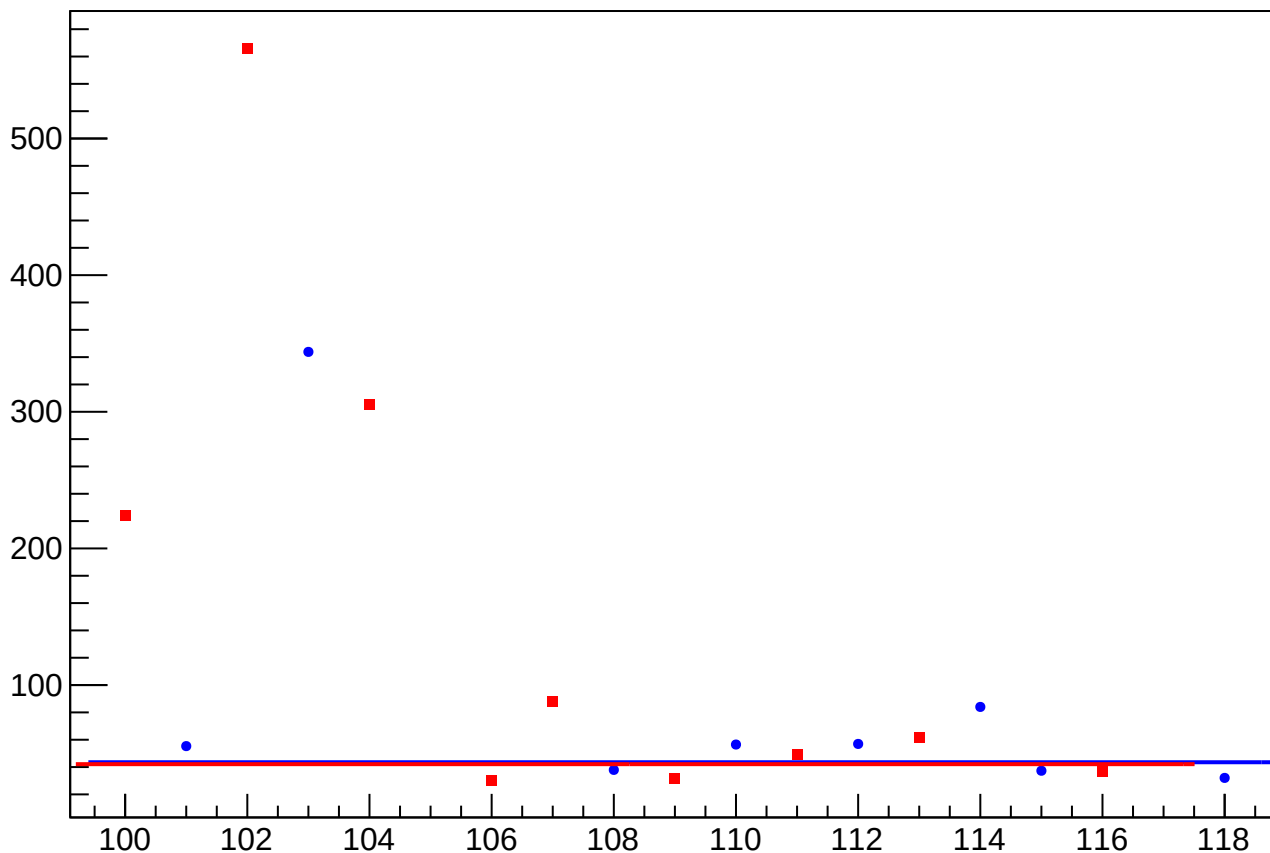
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

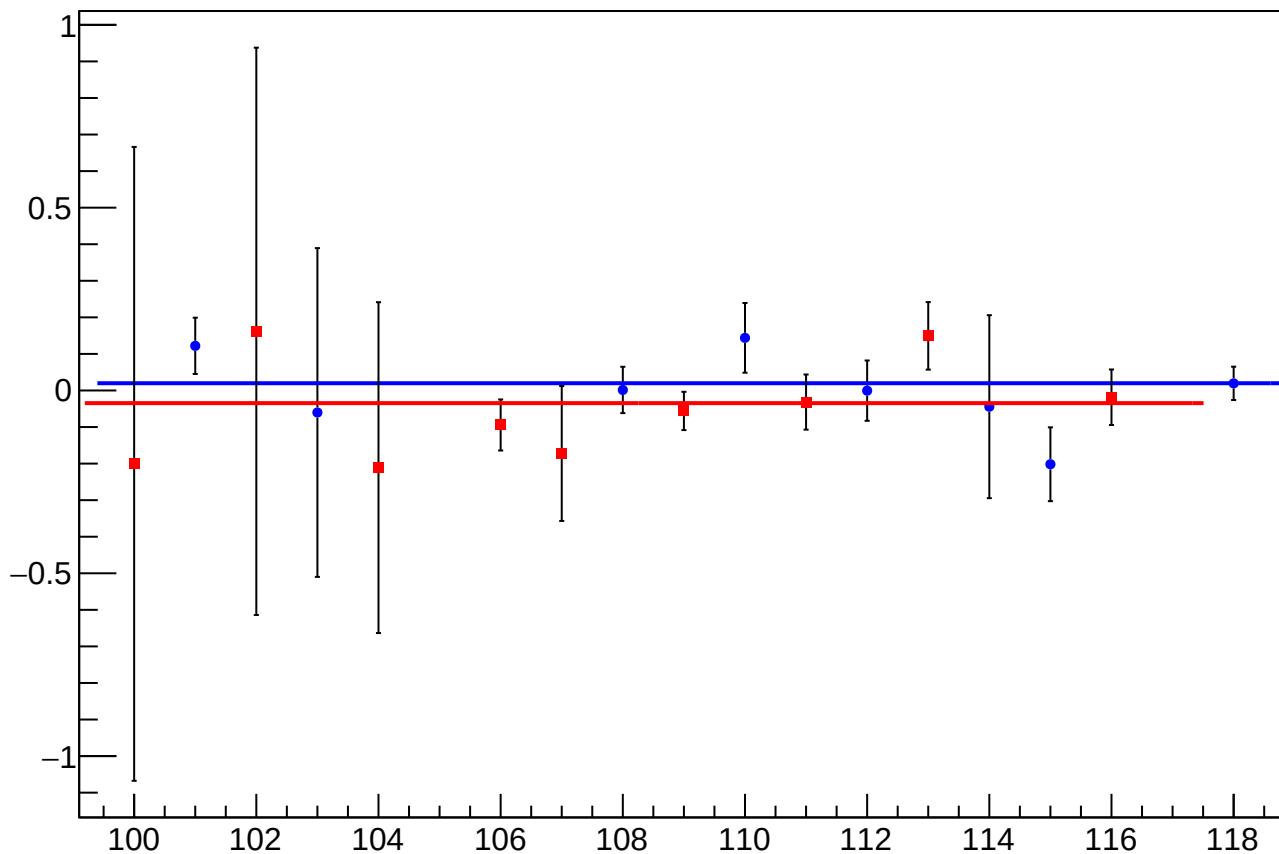
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297698.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

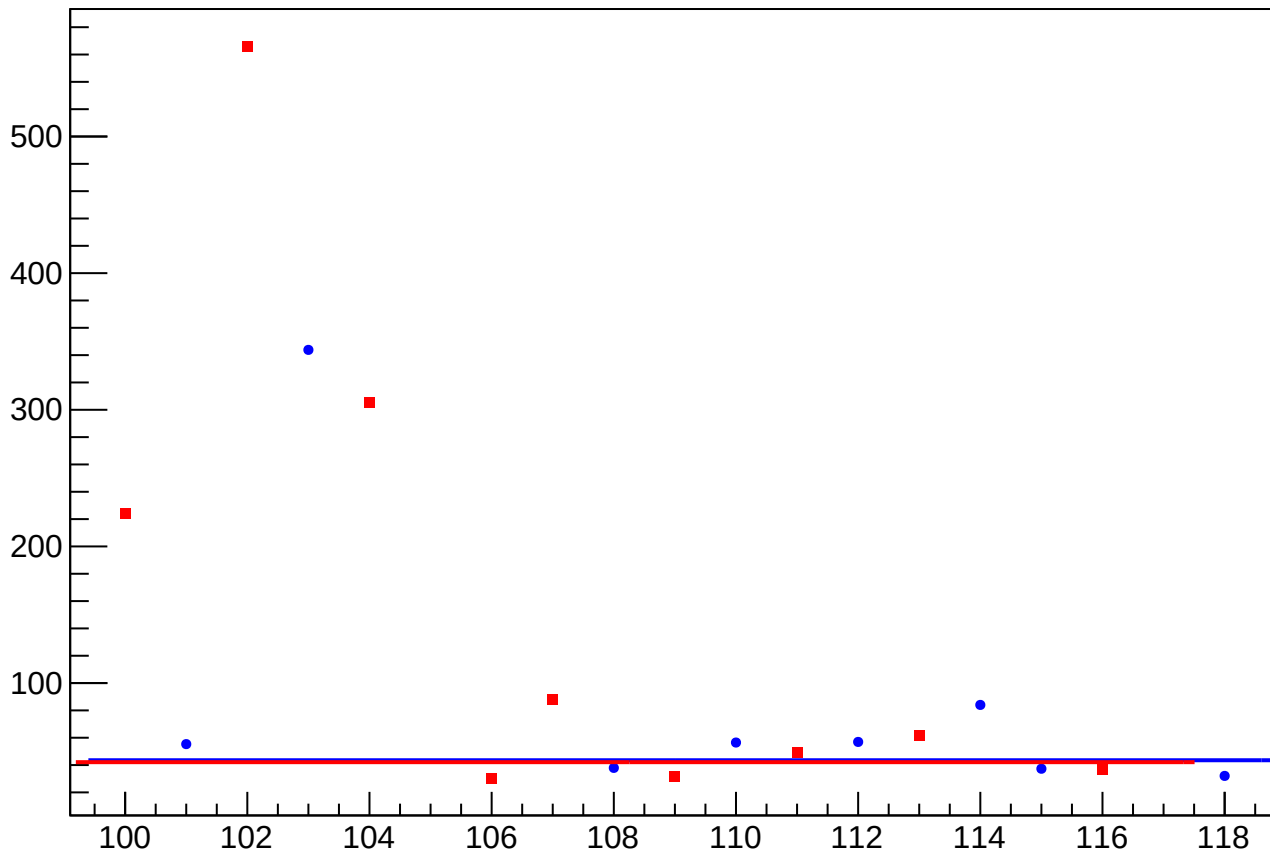
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

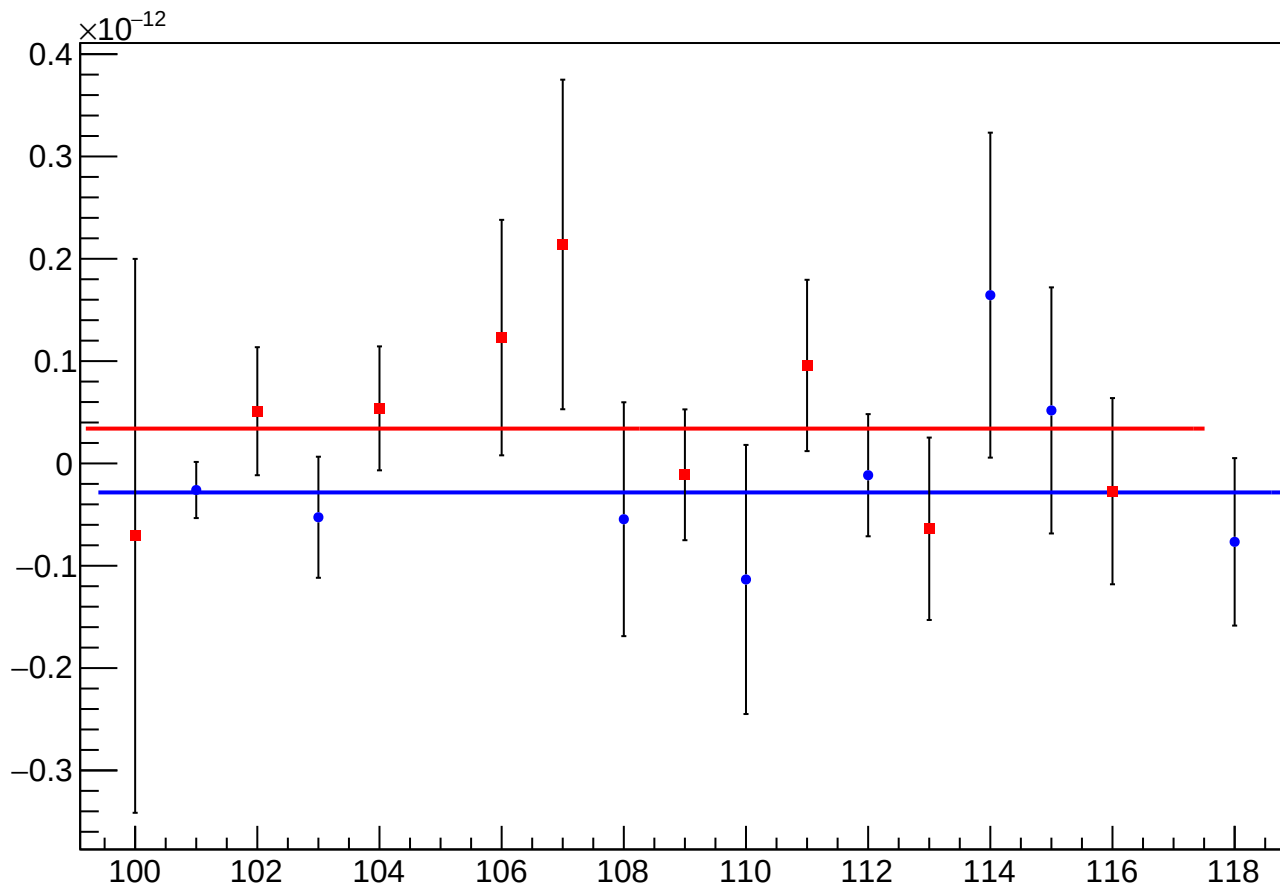
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297698.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.9/8

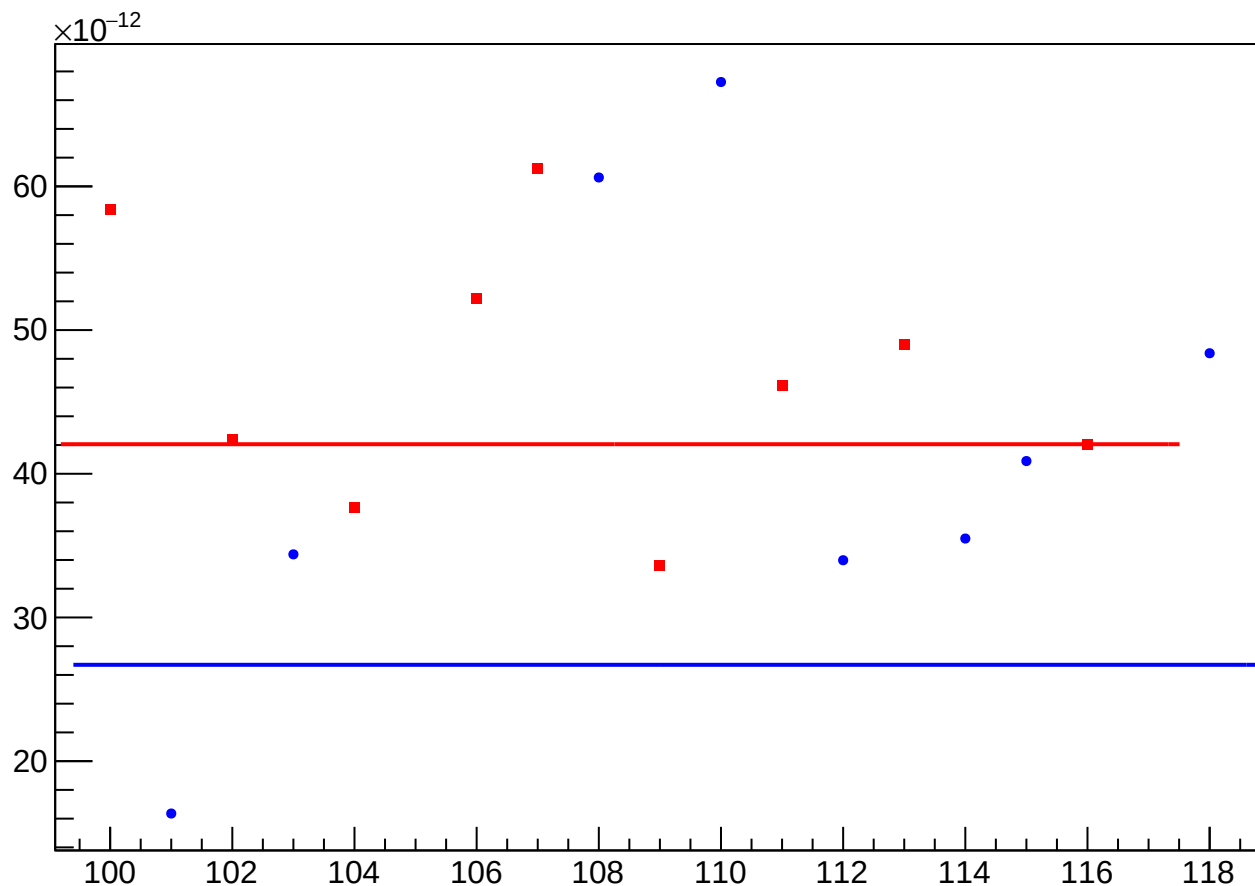
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 888748.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 113758.3/8

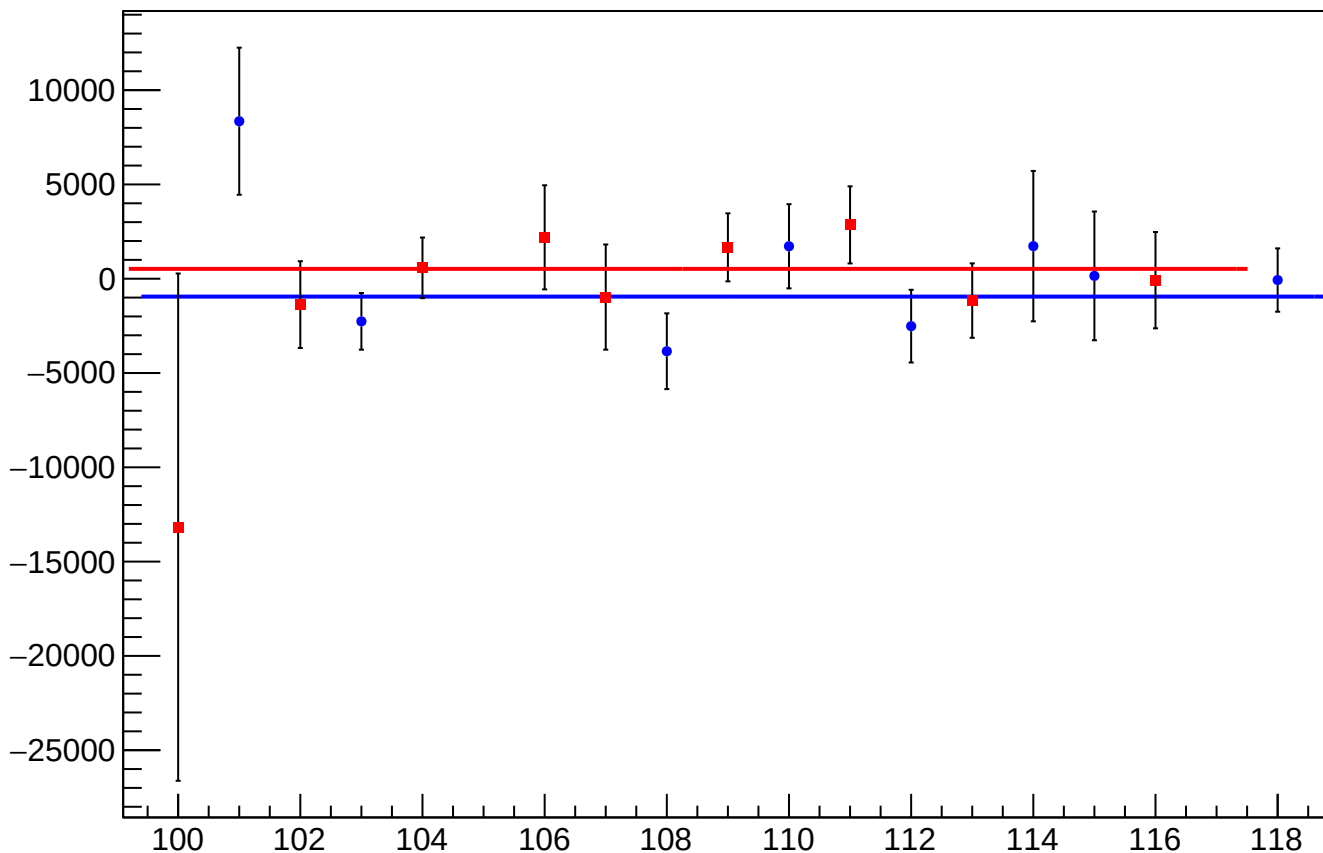
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1391215.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



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: 522.385+/-745.706 χ^2/NDF : 4.9/8

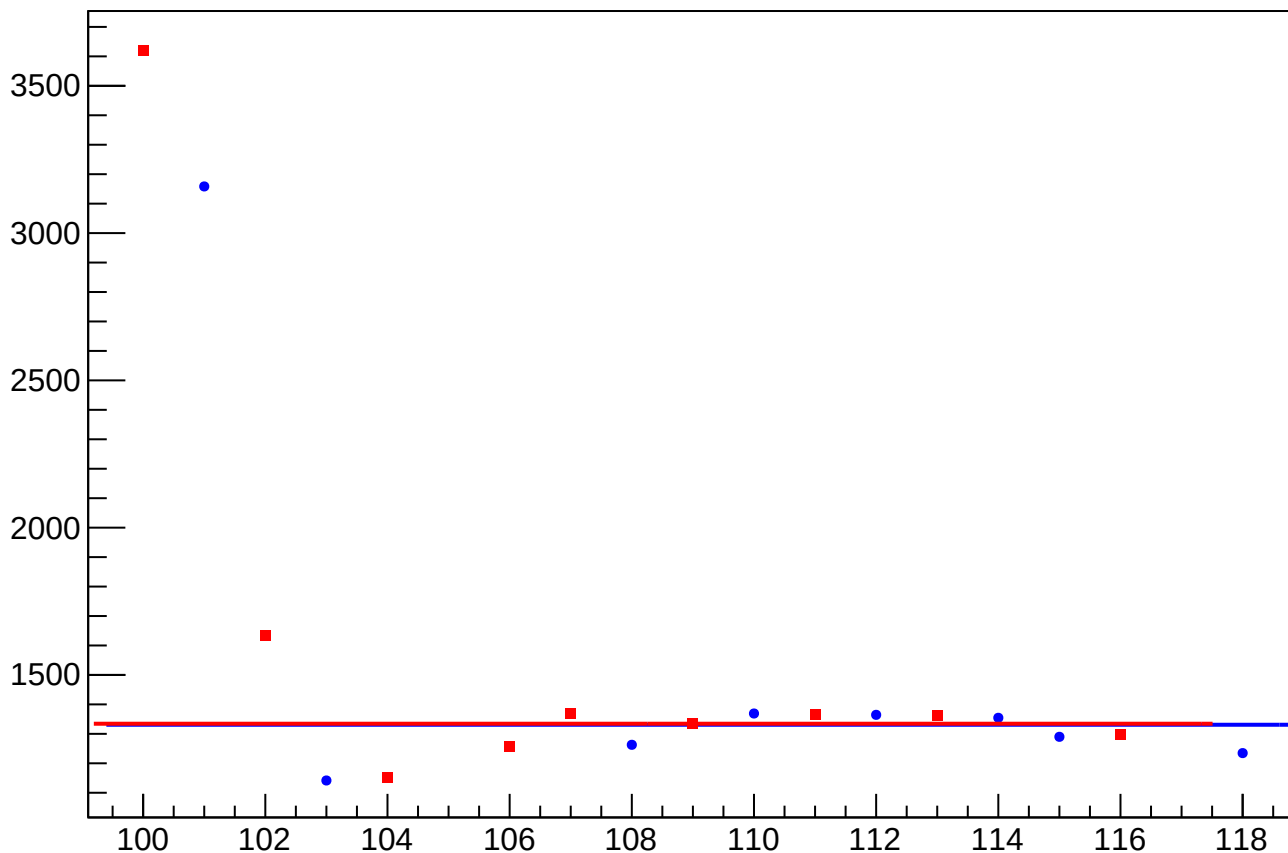
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.363+/-532.388 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1330.854 $\pm$ 0.538 χ^2 /NDF: 481305.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.347 $\pm$ 0.524 χ^2 /NDF: 121241.8/8

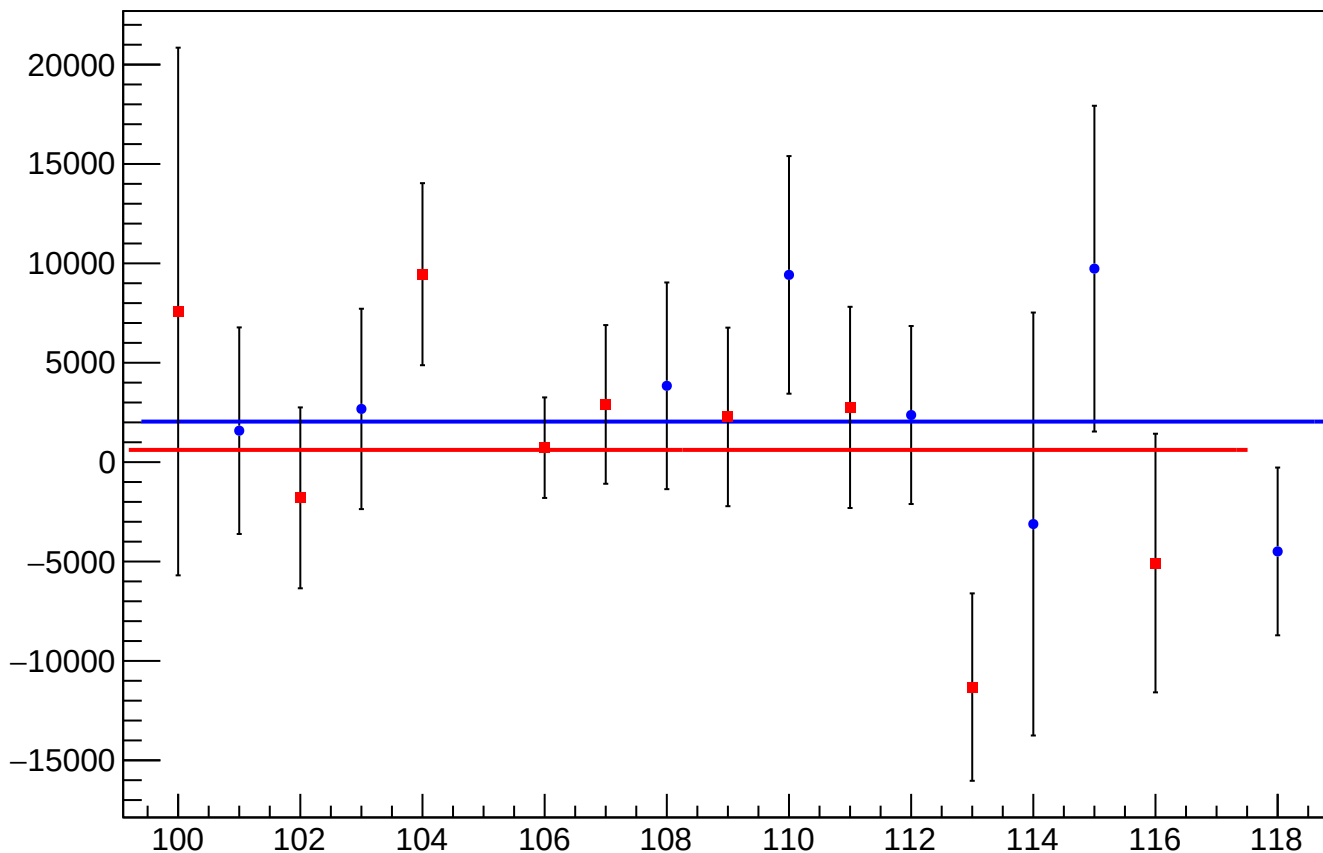
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1332.645 $\pm$ 0.375 χ^2 /NDF: 602568.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



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: 615.653+/-1446.355 χ^2/NDF : 12.1/8

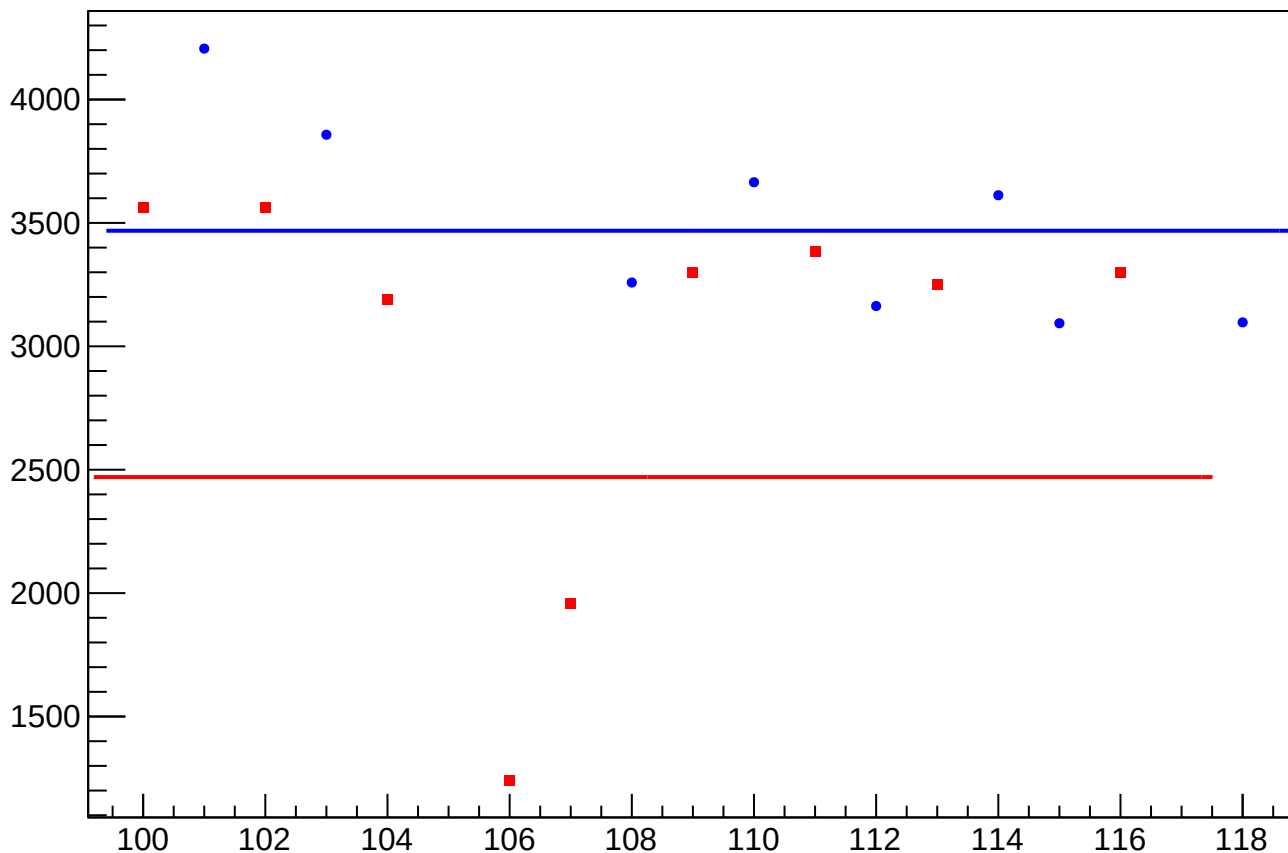
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.321+/-1155.317 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3468.347 $\pm$ 1.358 χ^2 /NDF: 87021.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2470.307 $\pm$ 1.023 χ^2 /NDF: 903314.7/8

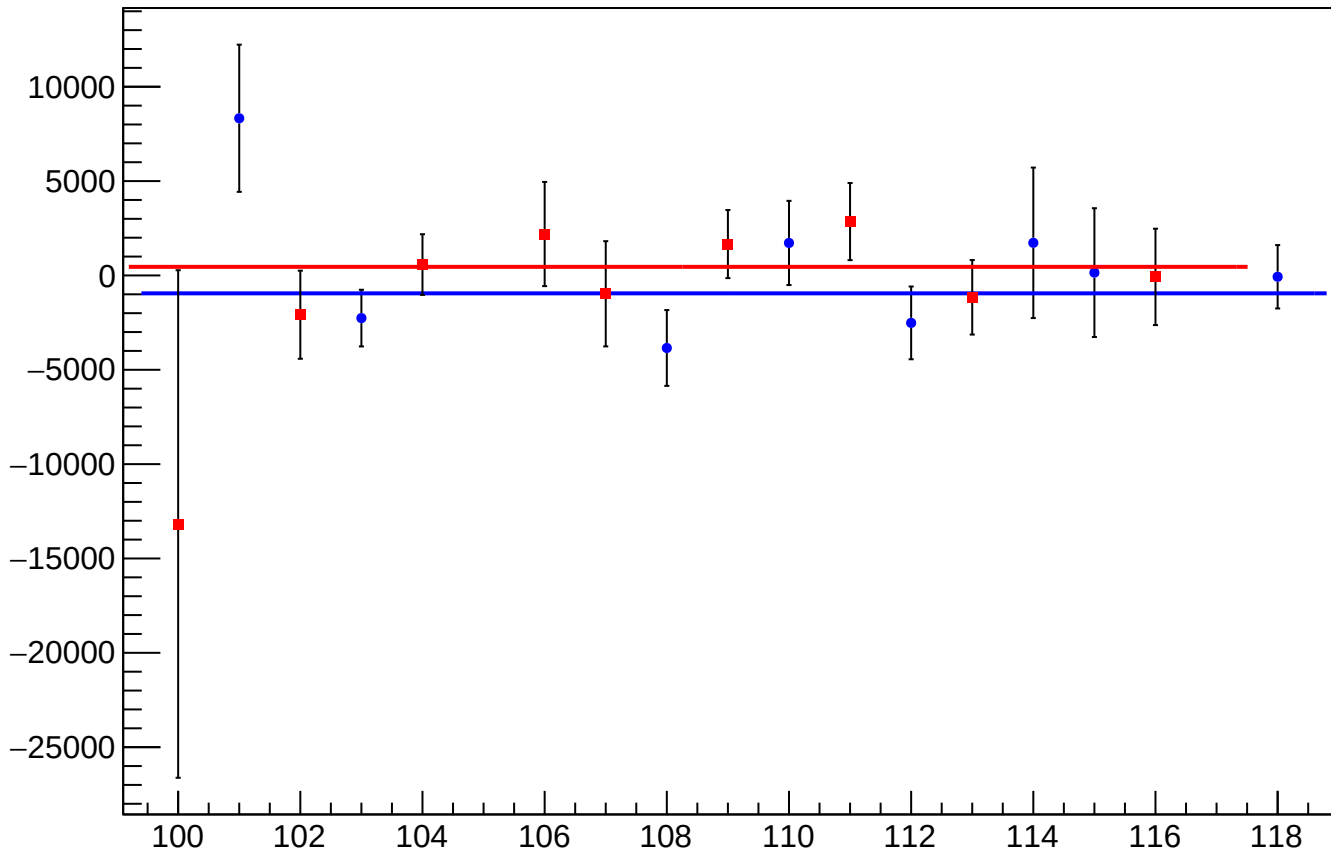
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2831.551 $\pm$ 0.817 χ^2 /NDF: 1335026.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



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: 455.732+/-746.864 χ^2 /NDF: 5.4/8

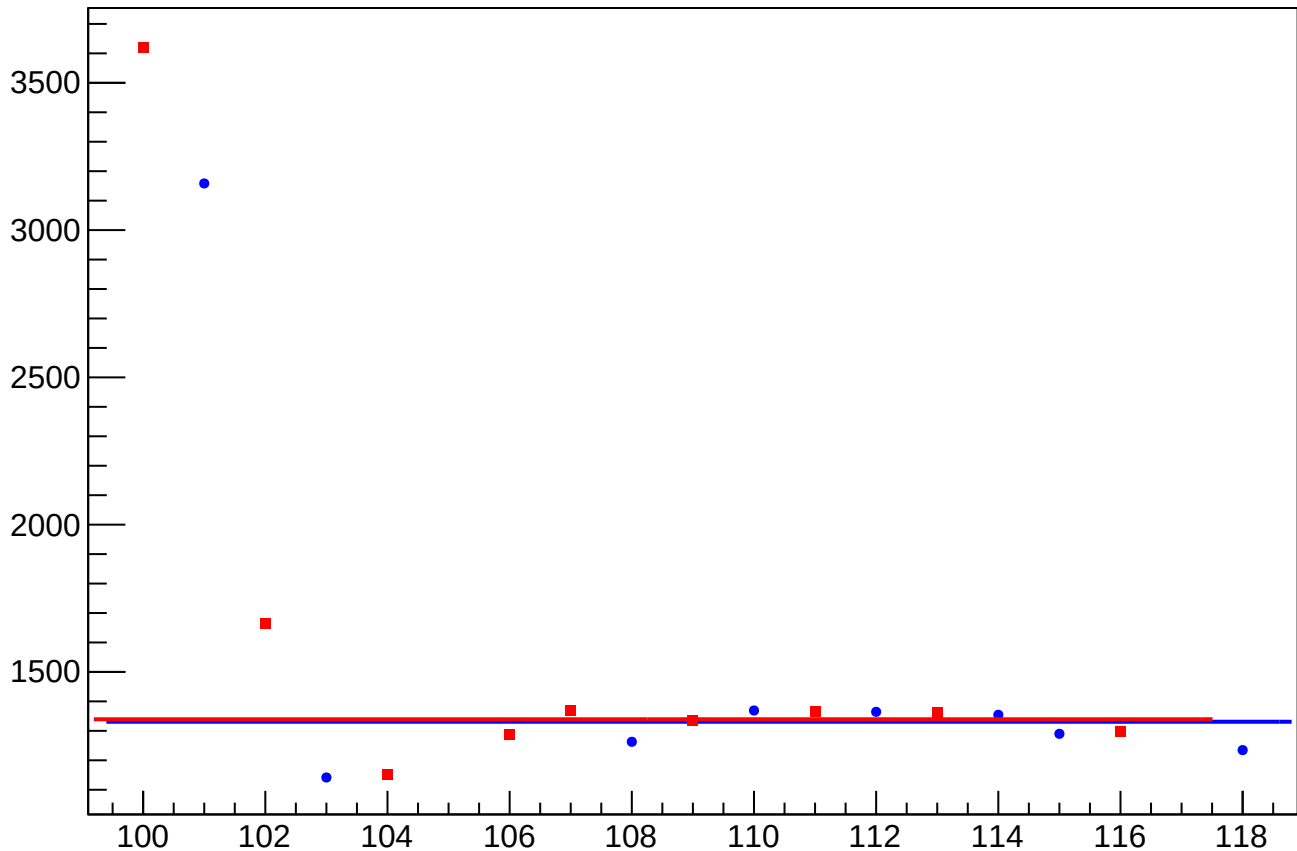
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -233.829+/-532.810 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



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: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

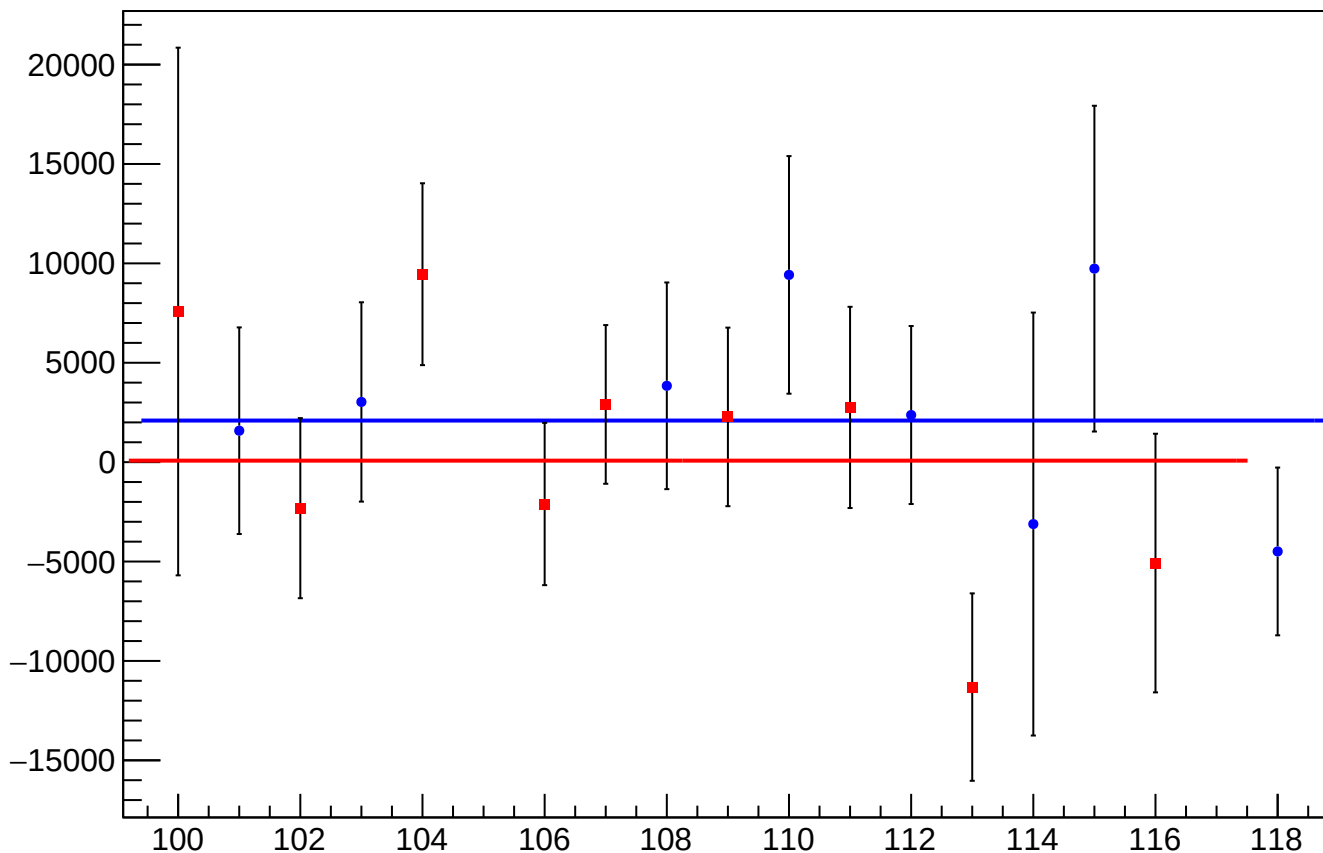
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 2092.588 $\pm$ 1918.942 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.811 $\pm$ 1617.505 χ^2 /NDF: 12.6/8

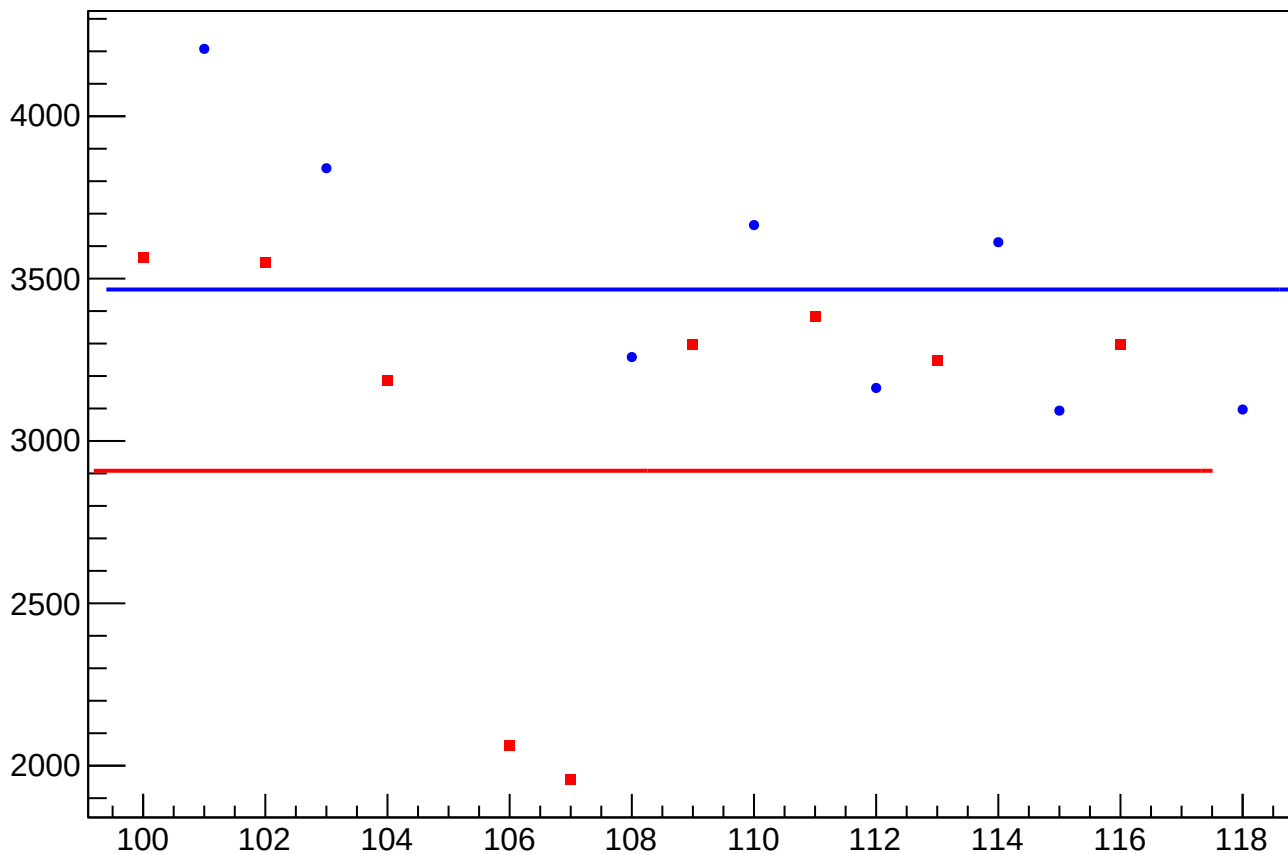
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 913.535 $\pm$ 1236.754 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



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: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

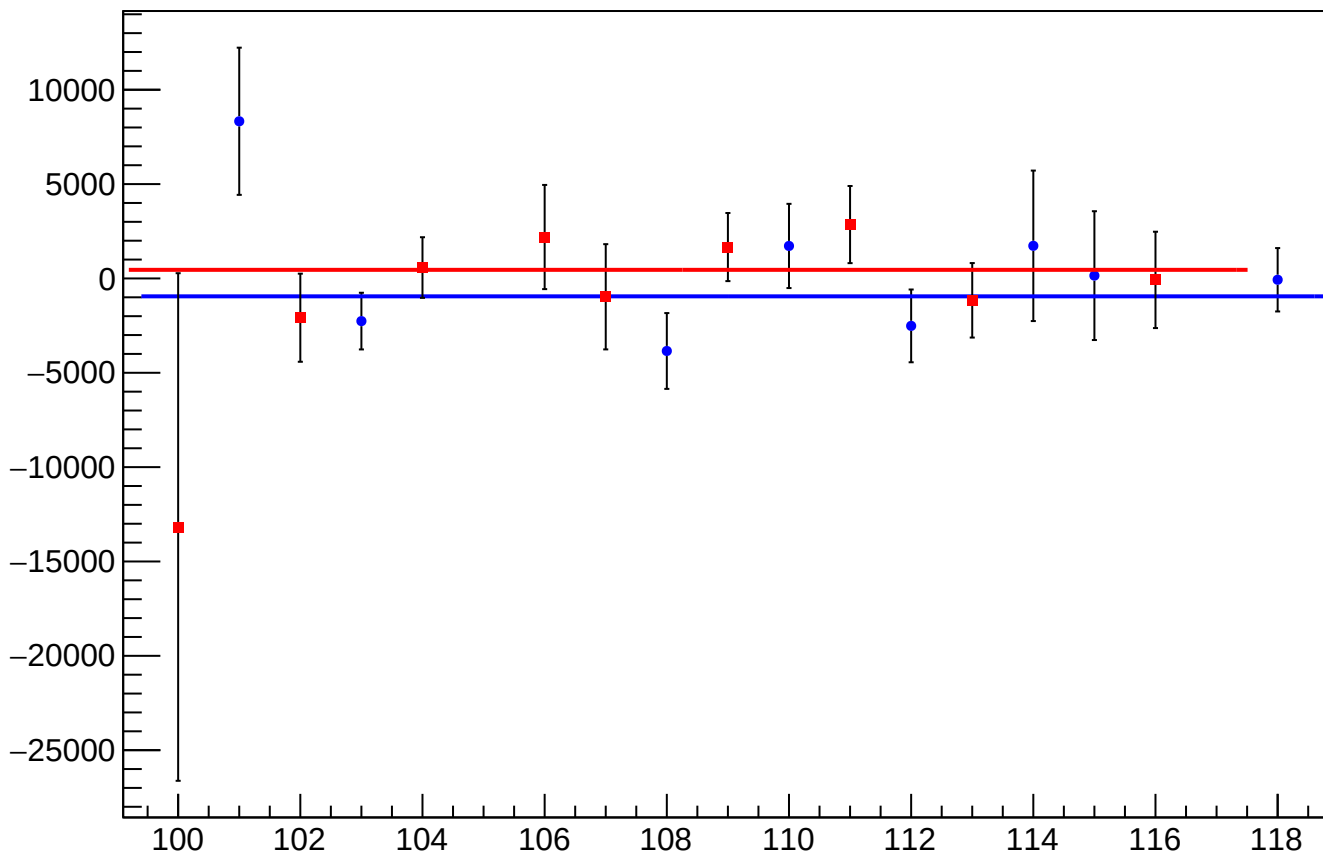
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.150+/-0.875 χ^2/NDF : 487666.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



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: 455.732+/-746.864 χ^2/NDF : 5.4/8

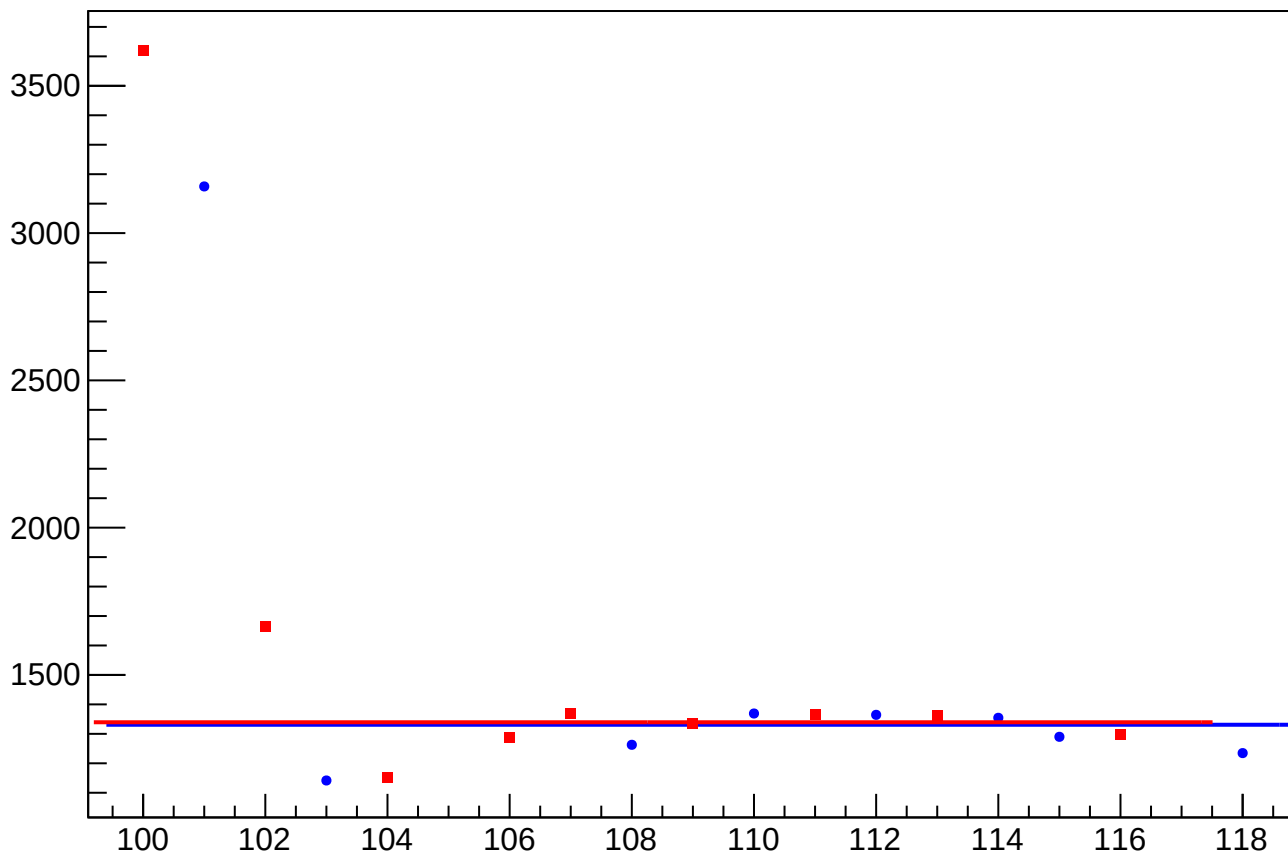
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.829+/-532.810 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



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: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

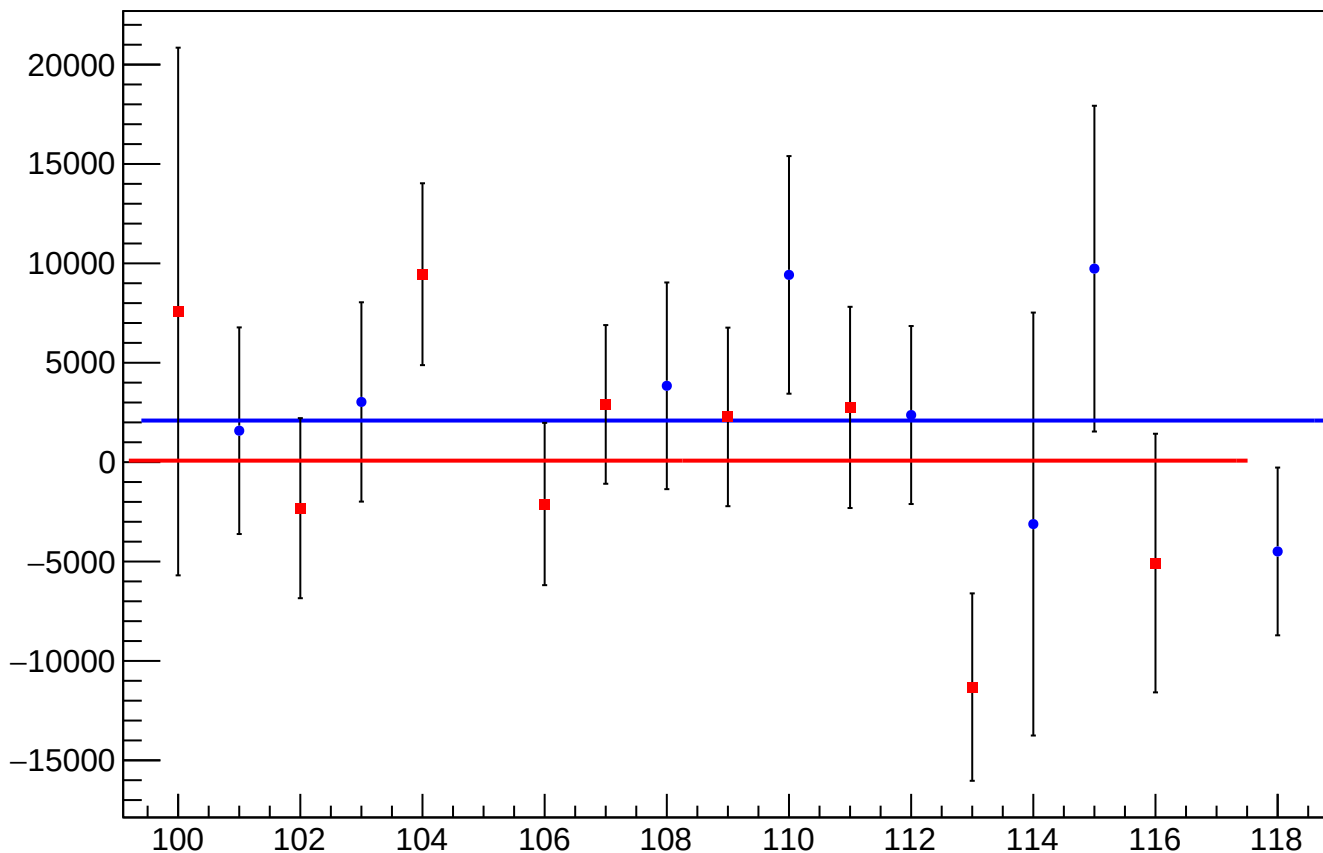
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 2092.588 $\pm$ 1918.942 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.811 $\pm$ 1617.505 χ^2 /NDF: 12.6/8

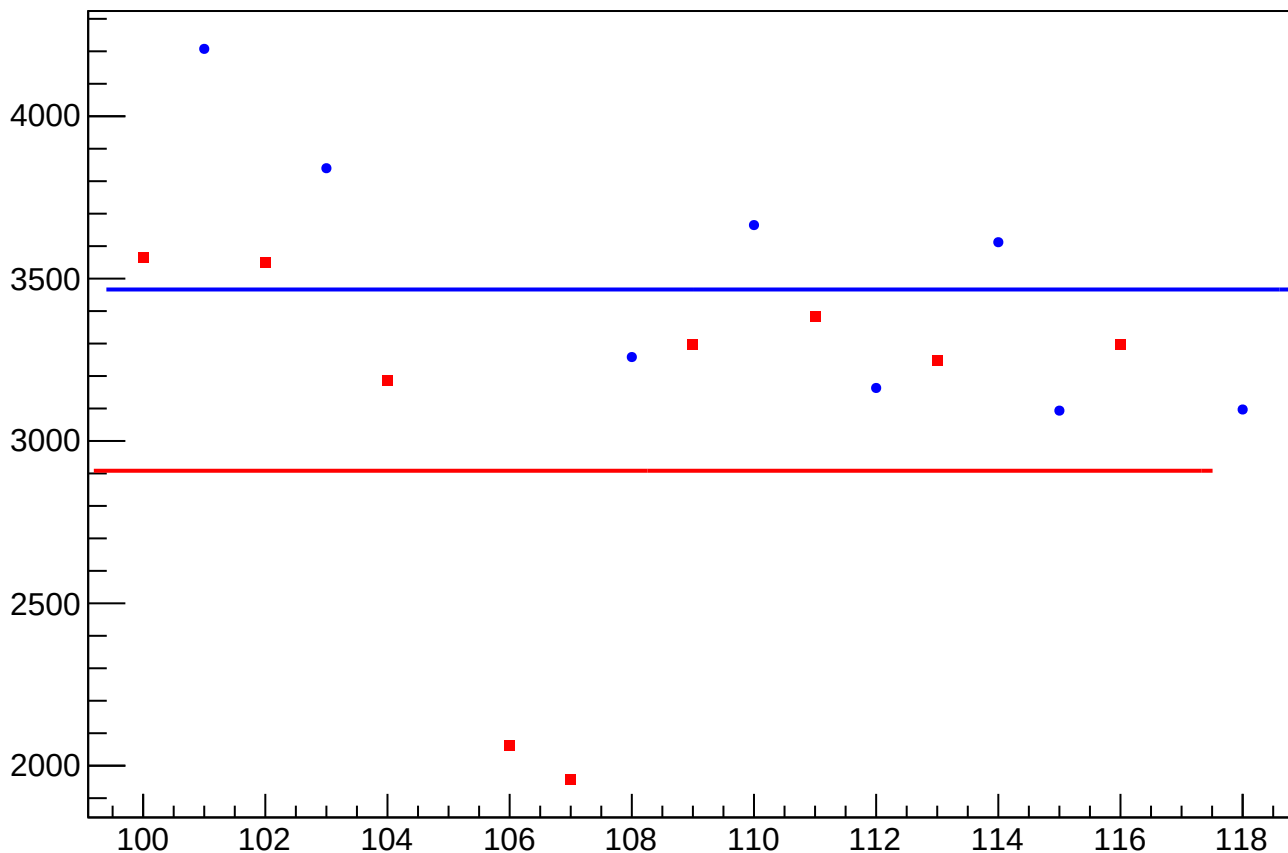
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 913.535 $\pm$ 1236.754 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug



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: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

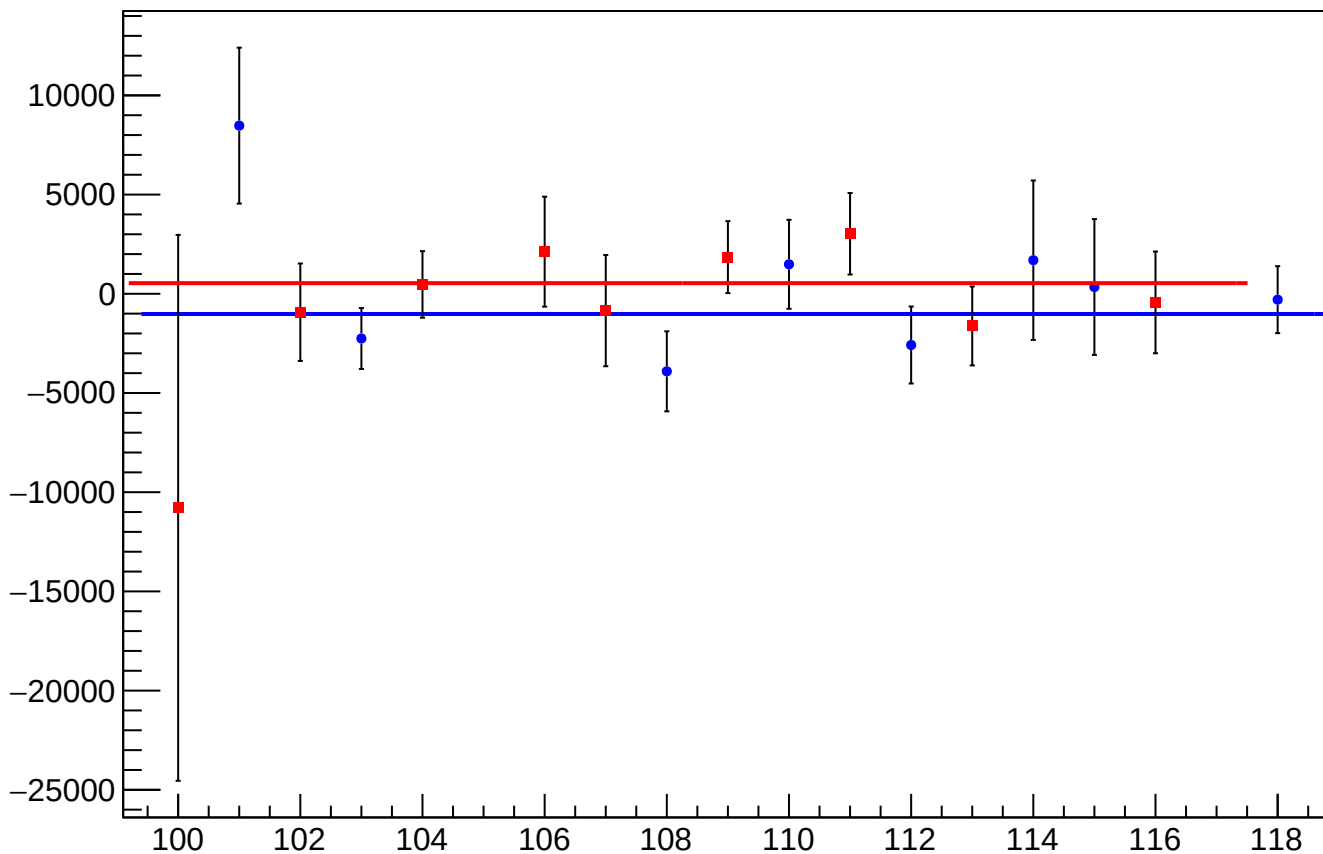
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.150+/-0.875 χ^2/NDF : 487666.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



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: 536.716±/-760.116 χ^2 /NDF: 4.9/8

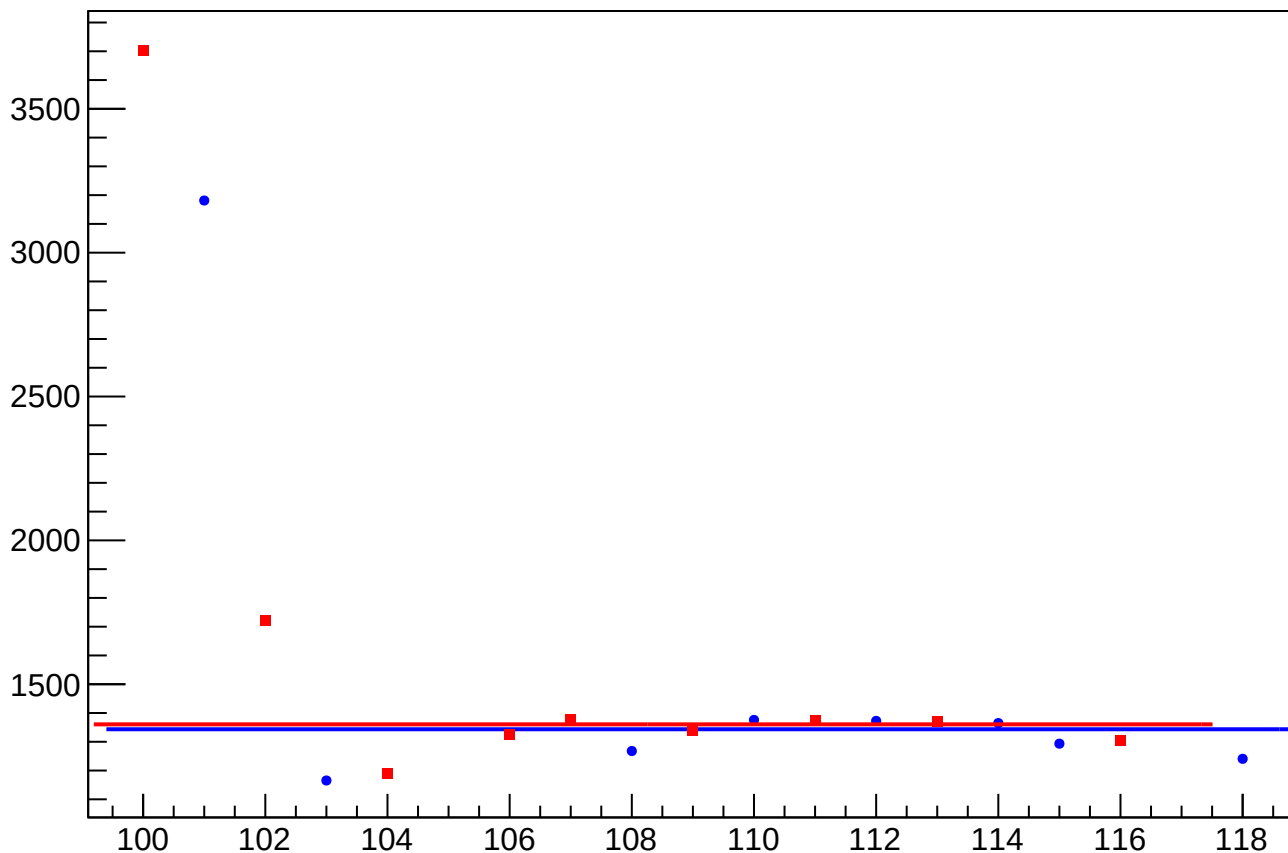
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -233.397±/-540.025 χ^2 /NDF: 18.2/16

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1343.497 $\pm$ 0.543 χ^2 /NDF: 476053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

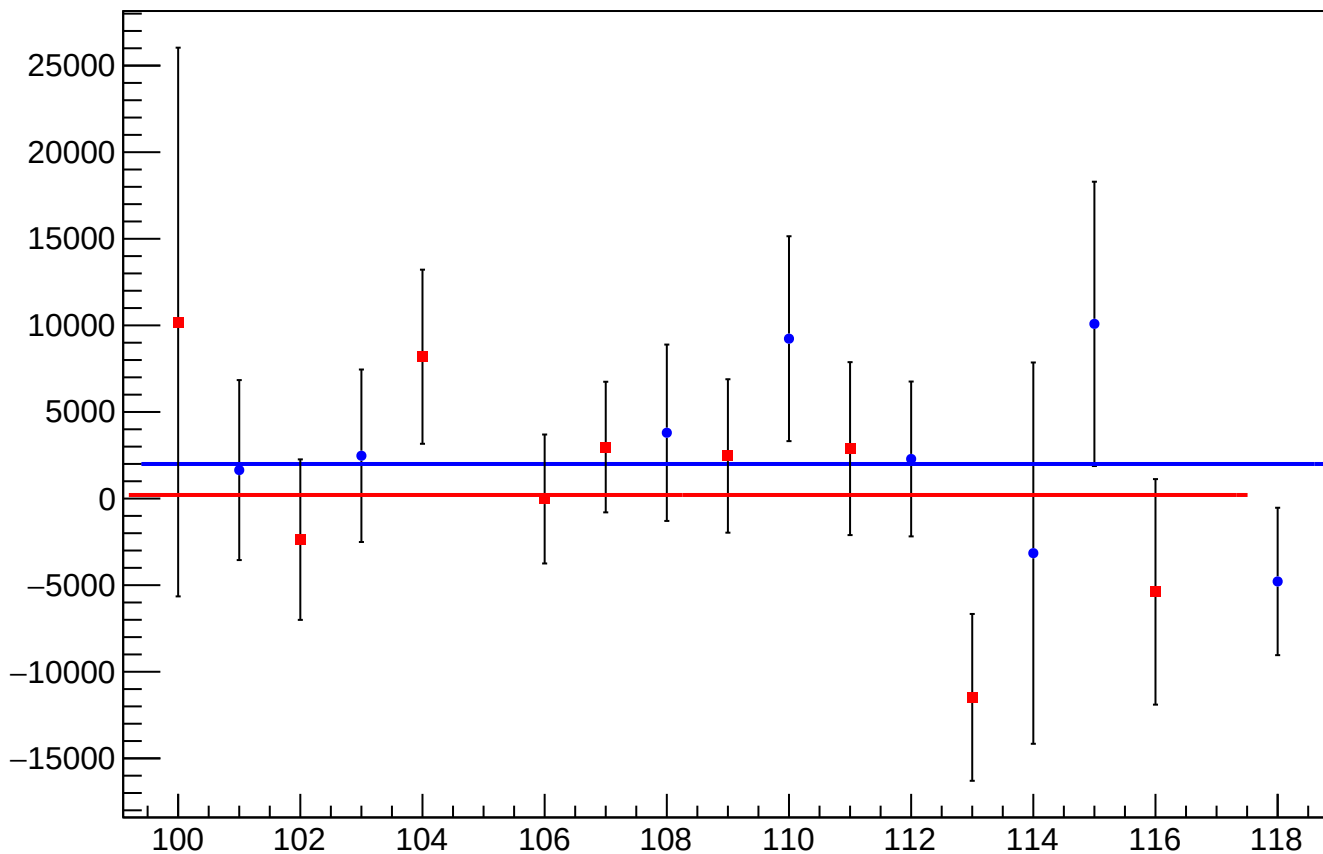
Right Out: 1360.542 $\pm$ 0.537 χ^2 /NDF: 123562.7/8

All: 1352.116 $\pm$ 0.382 χ^2 /NDF: 600114.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



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: 207.541+/-1600.548 χ^2/NDF : 10.9/8

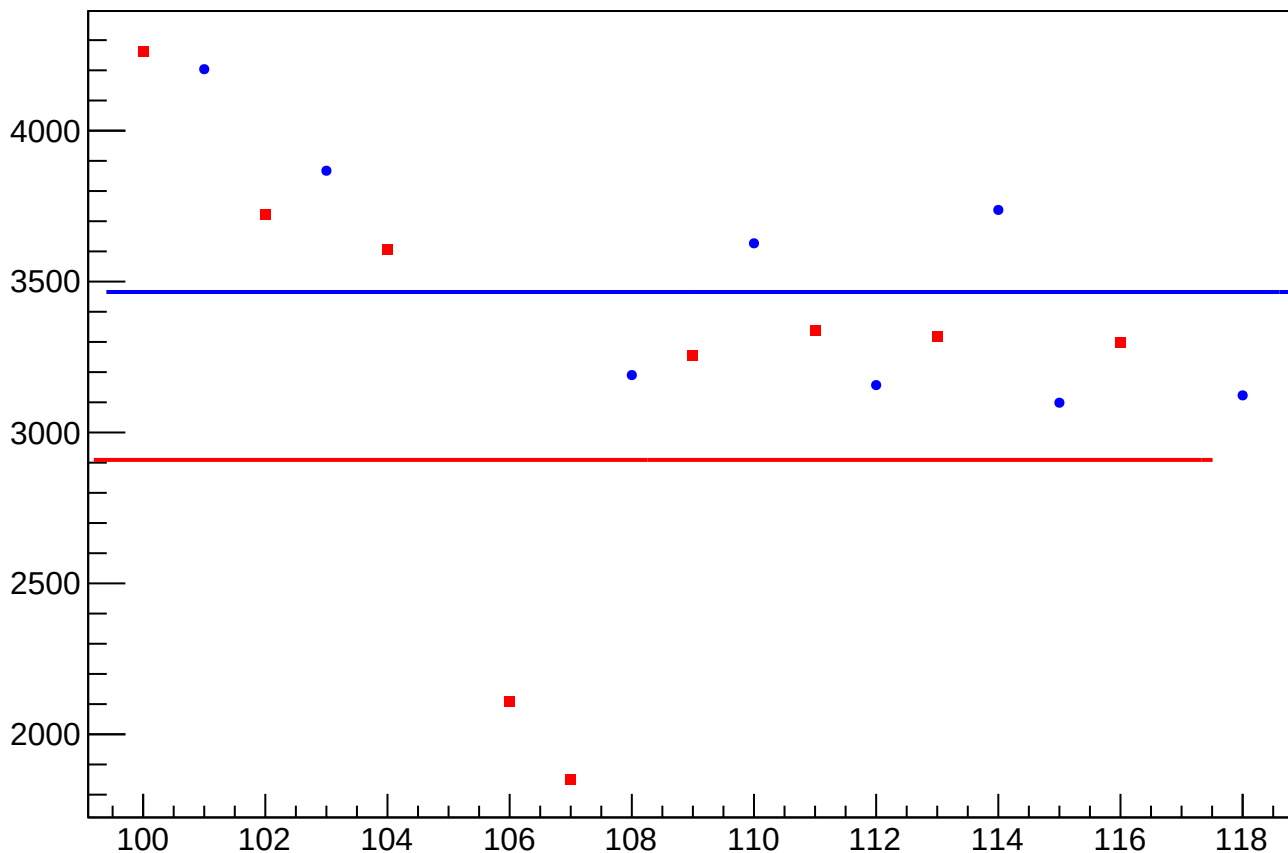
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.930 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



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: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

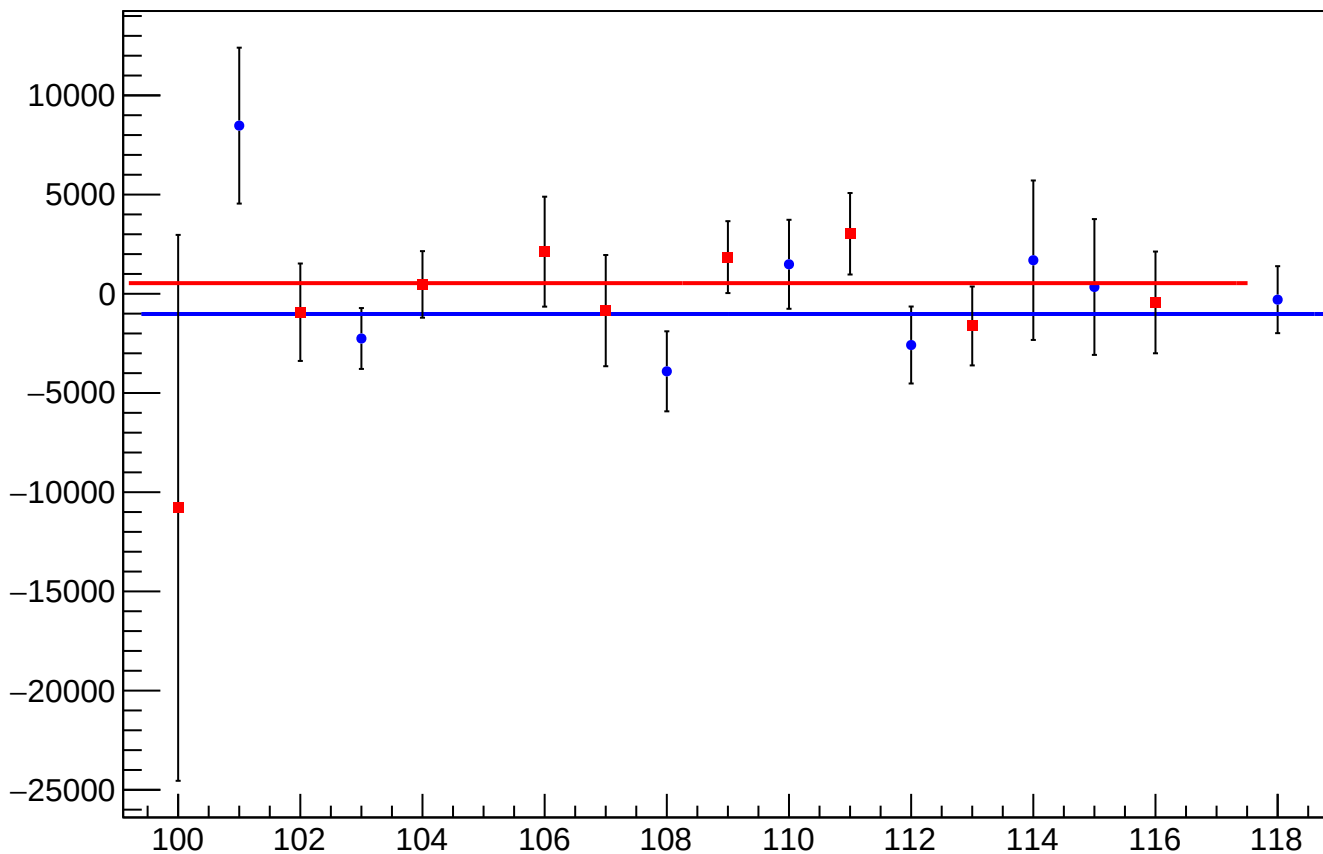
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3138.003+/-0.868 χ^2/NDF : 601762.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug



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: 536.726±/-760.116 χ^2/NDF : 4.9/8

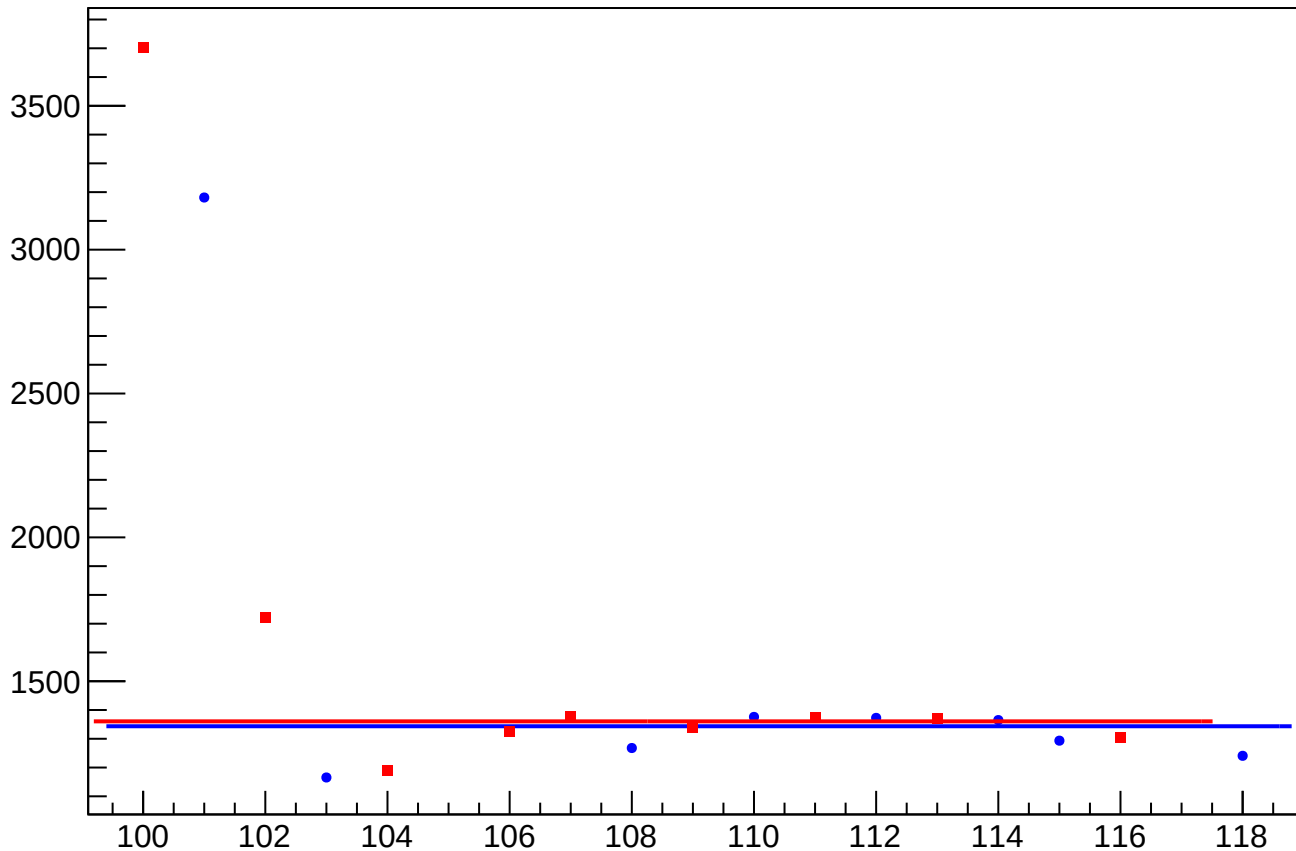
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -233.393±/-540.025 χ^2/NDF : 18.2/16

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1343.497 $\pm$ 0.543 χ^2 /NDF: 476053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.542 $\pm$ 0.537 χ^2 /NDF: 123562.7/8

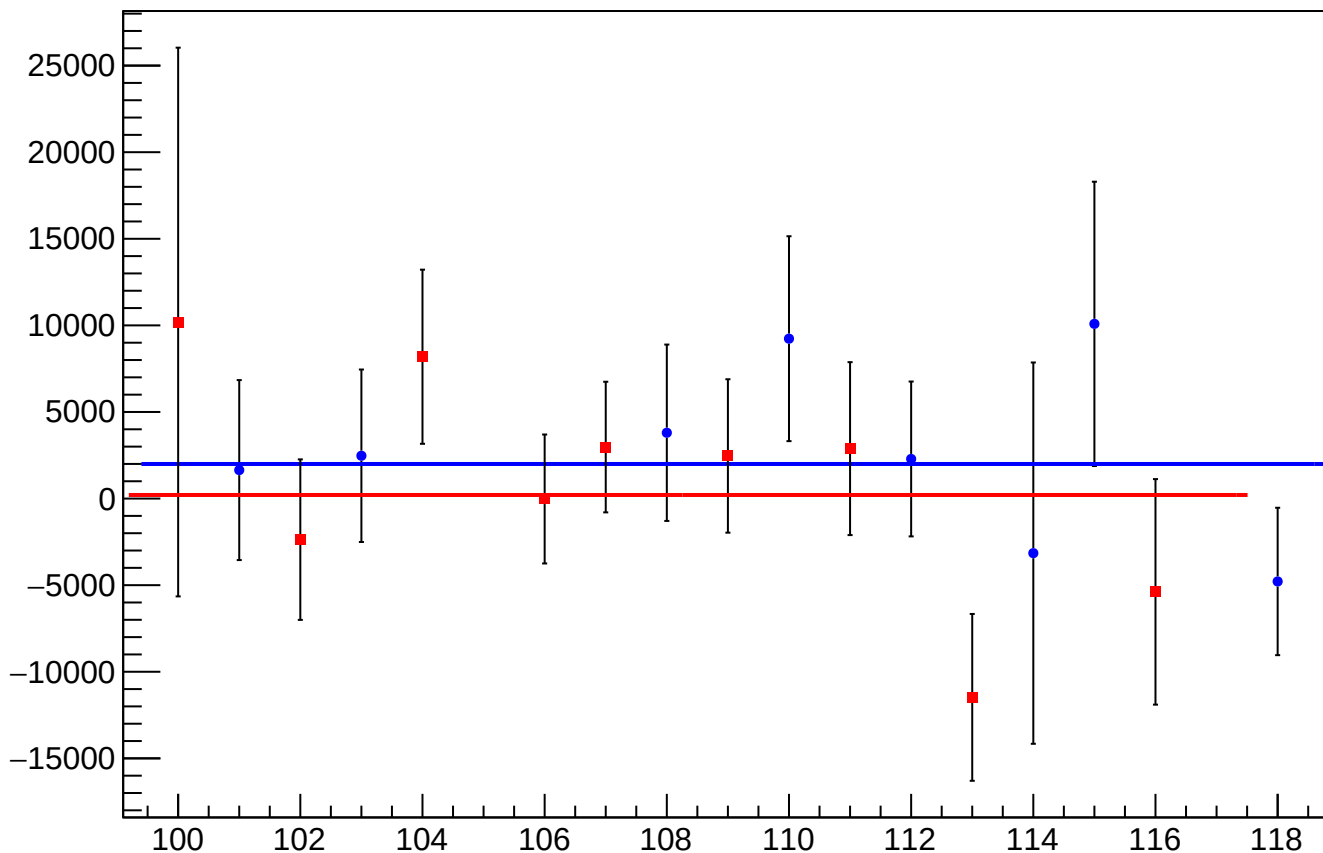
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.116 $\pm$ 0.382 χ^2 /NDF: 600115.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug



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: 207.546+/-1600.545 χ^2/NDF : 10.9/8

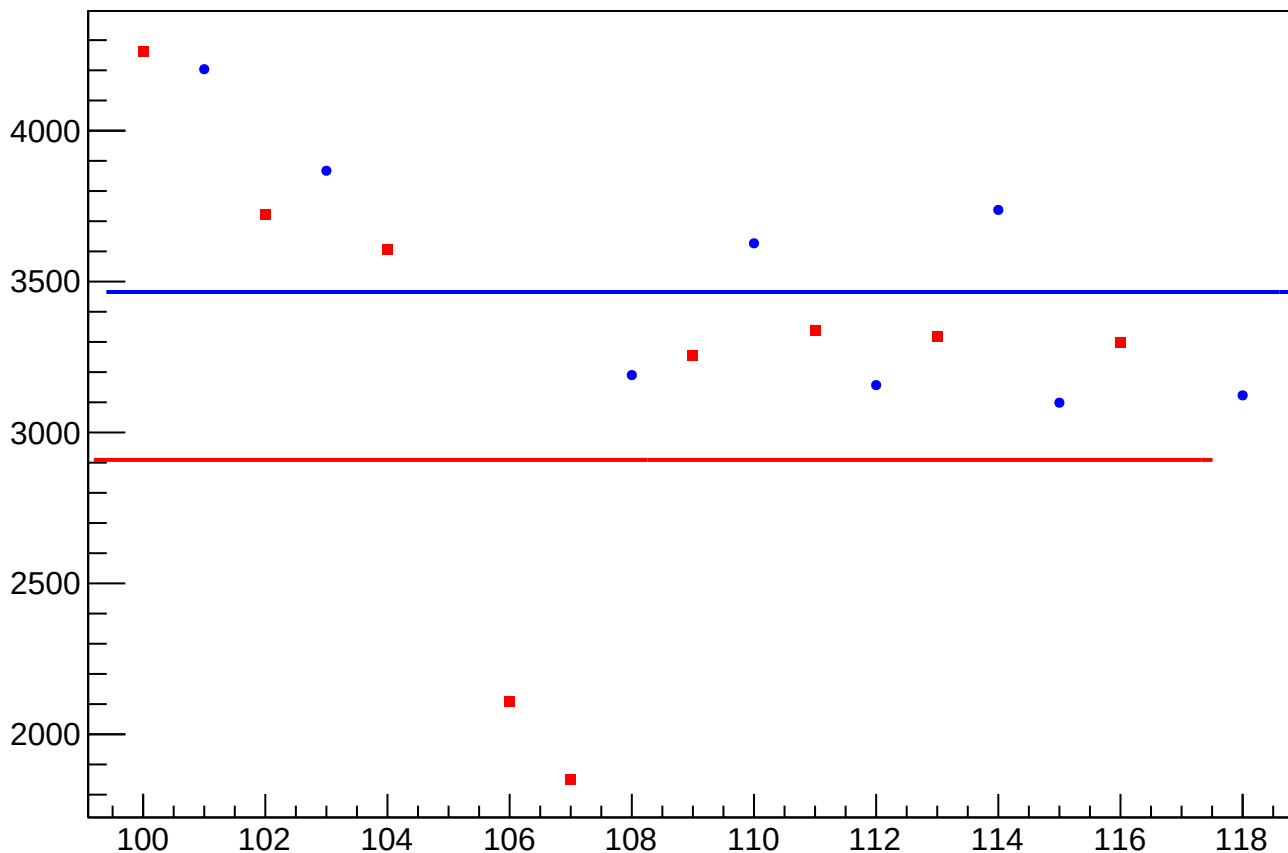
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.927 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3465.456 $\pm$ 1.354 χ^2 /NDF: 88420.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2909.105 $\pm$ 1.132 χ^2 /NDF: 413925.7/8

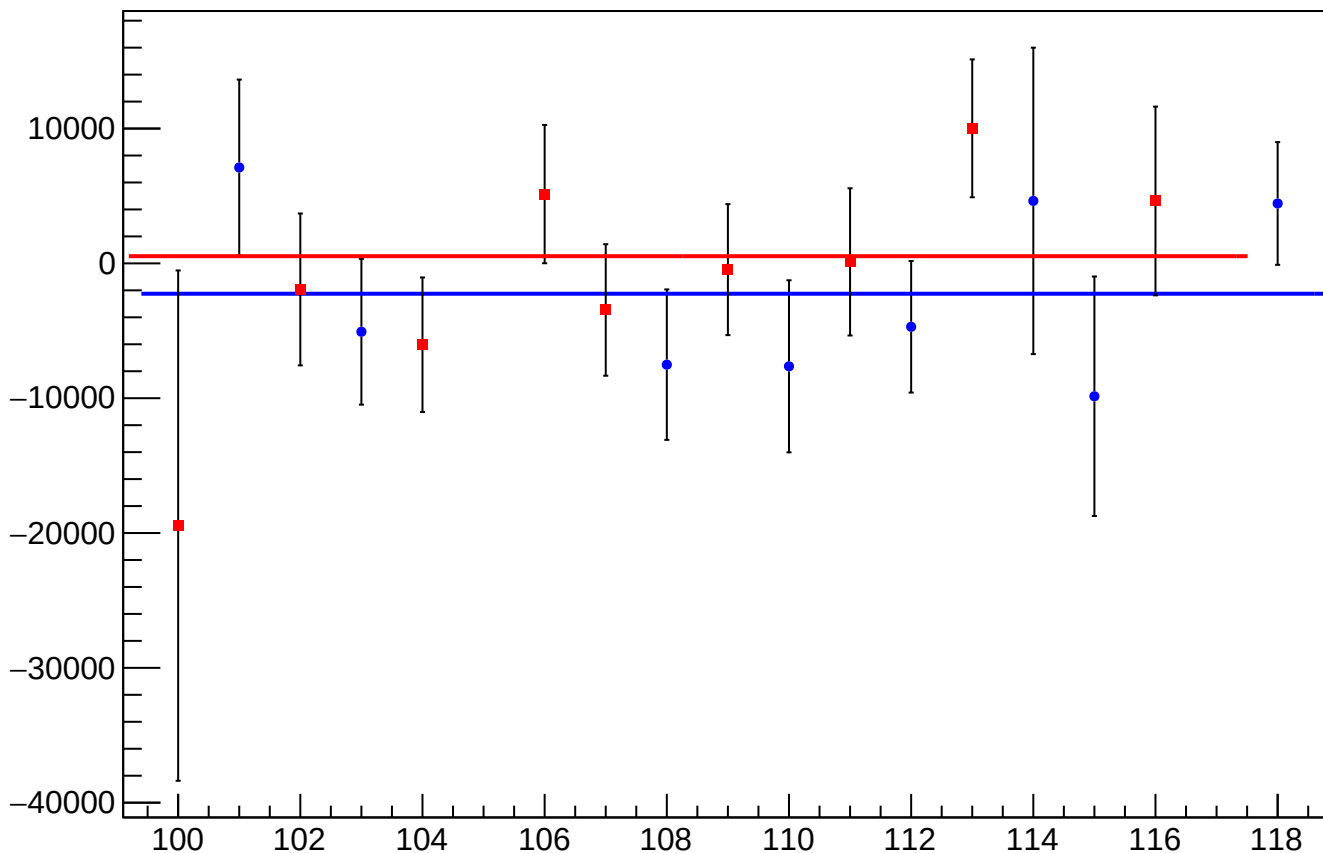
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3137.996 $\pm$ 0.868 χ^2 /NDF: 601765.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



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: 533.002±1859.879 χ^2/NDF : 8.3/8

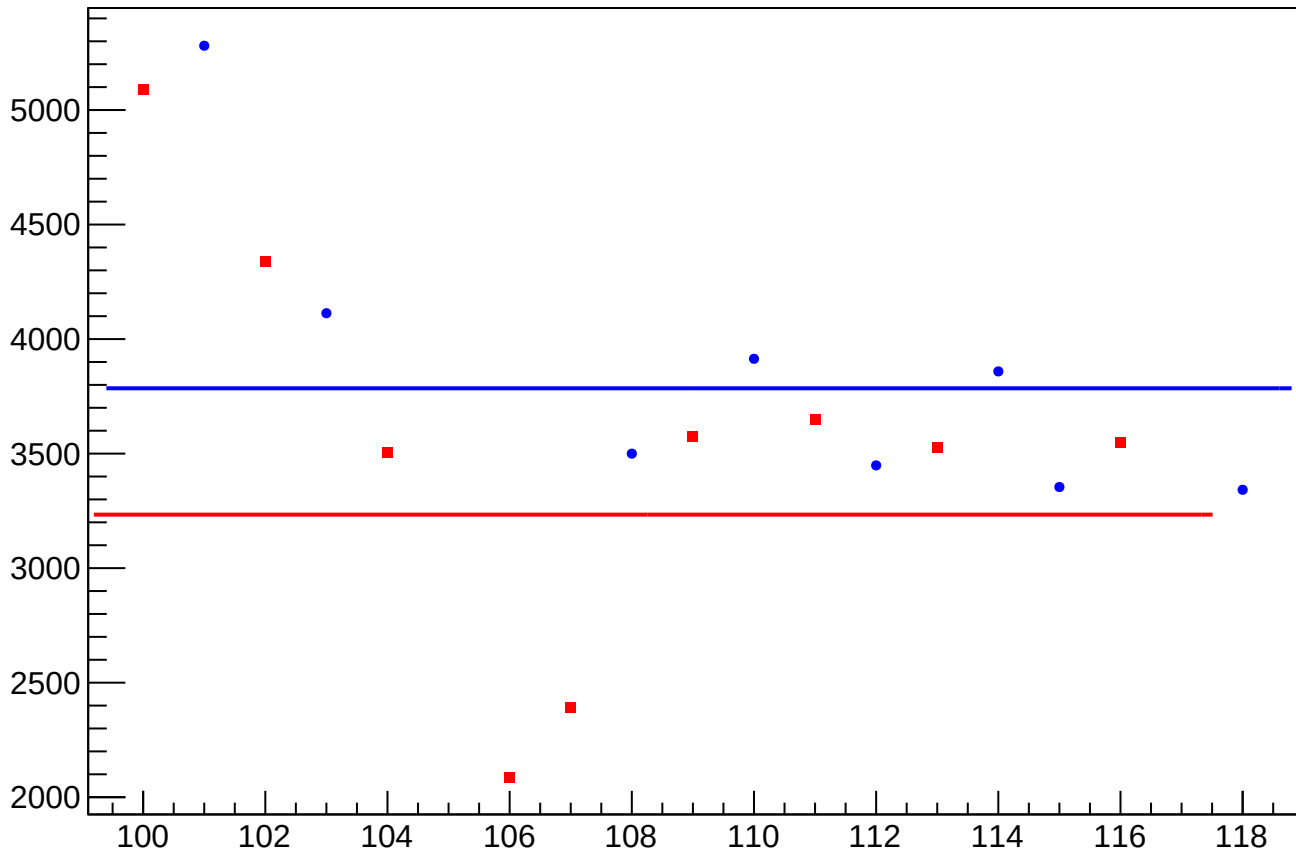
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -686.287±1394.508 χ^2/NDF : 16.8/16

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



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: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

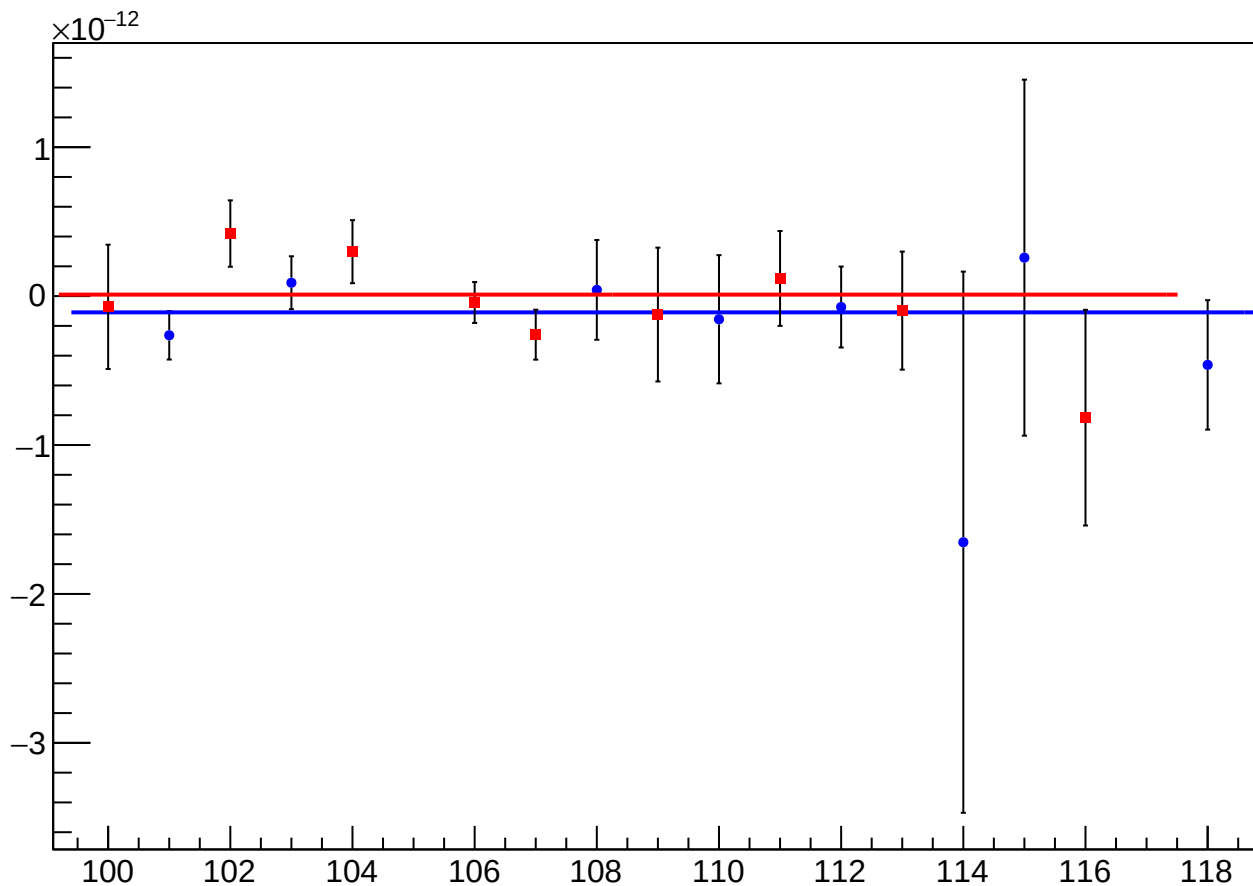
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.979+/-0.971 χ^2/NDF : 564760.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/8

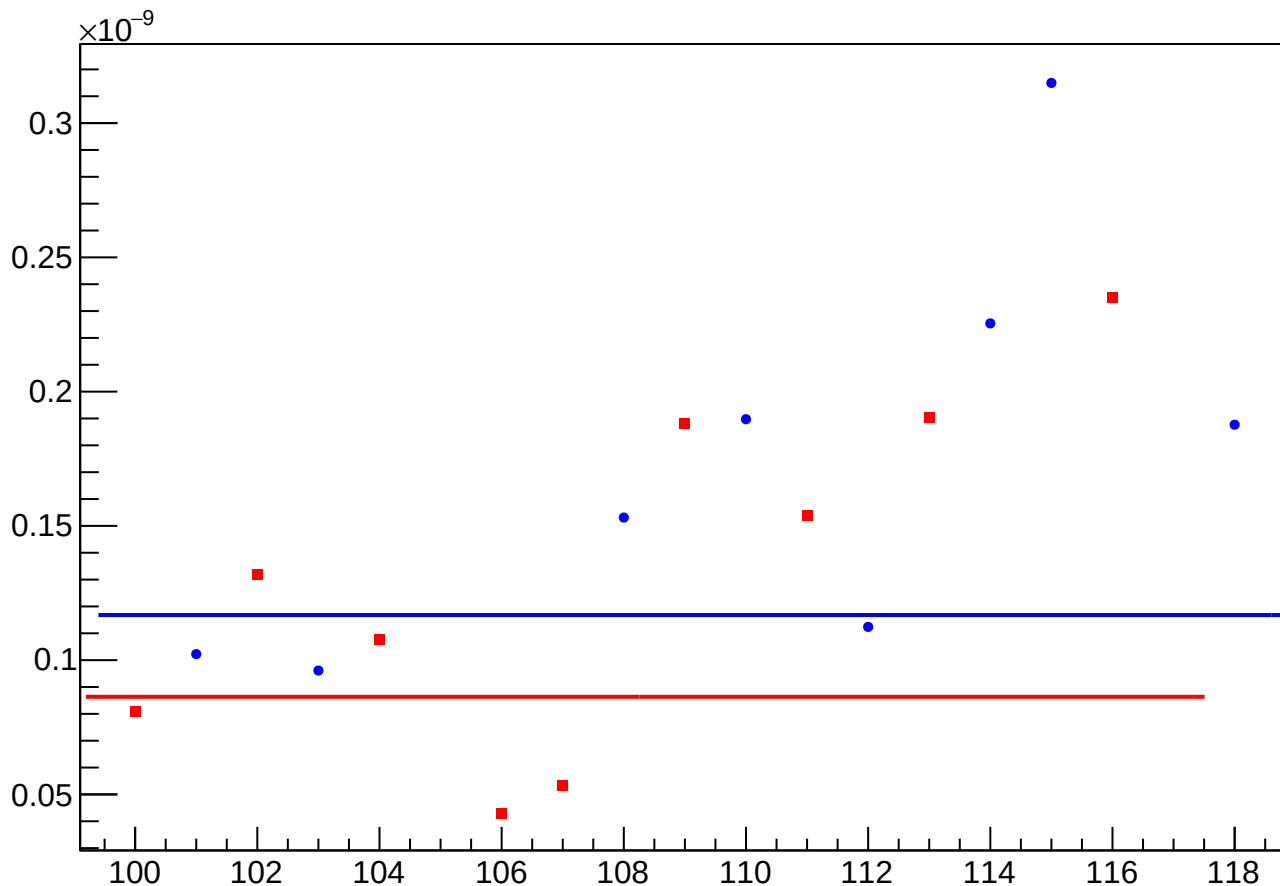
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug



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 : 795761.9/8

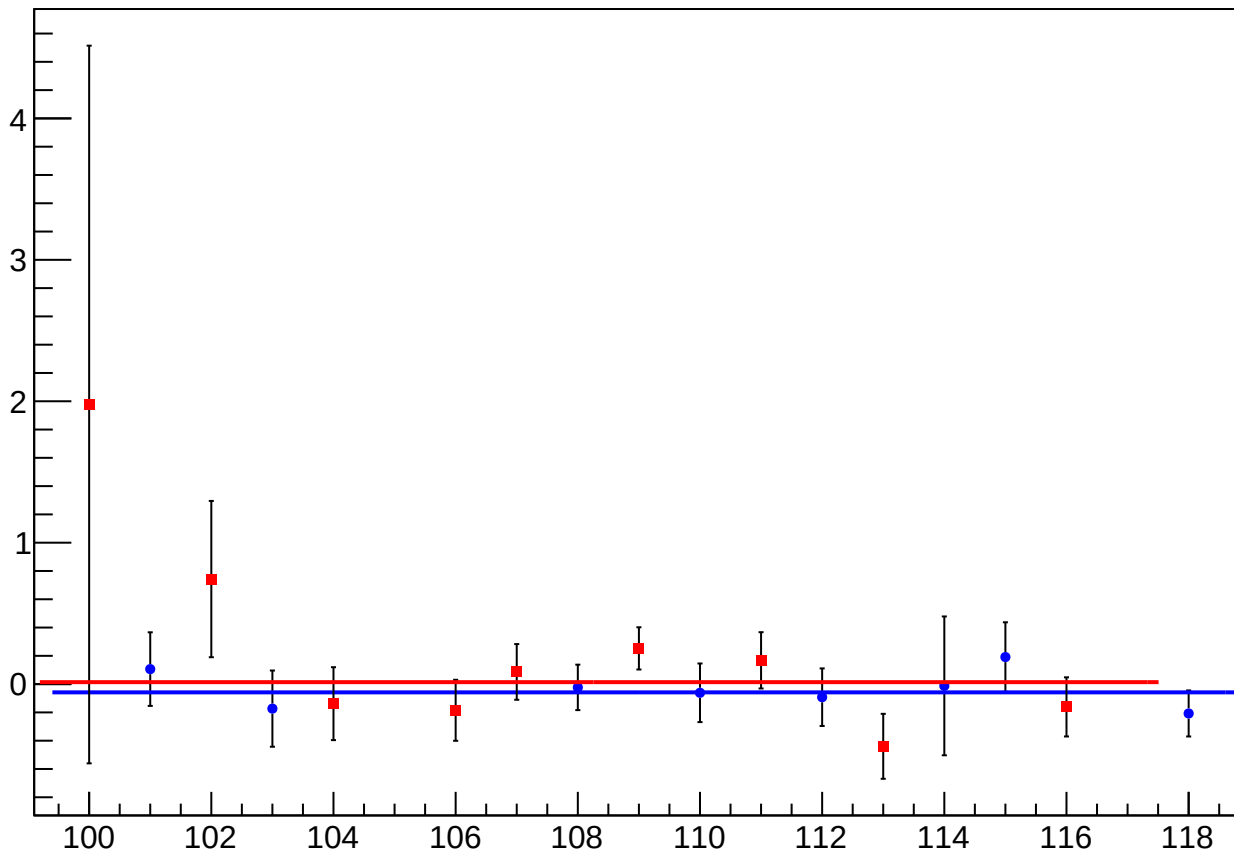
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1151991.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

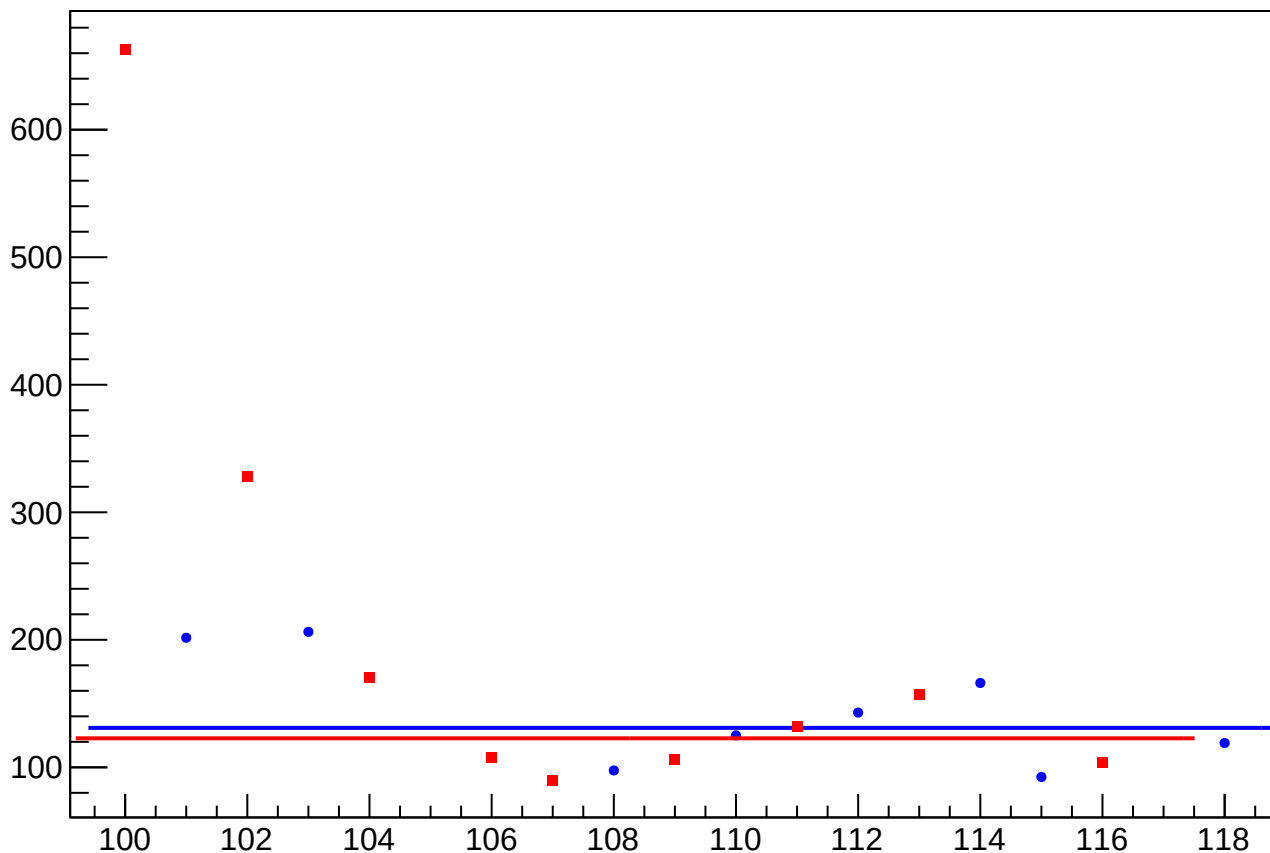
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



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: 122.761+/-0.053 χ^2/NDF : 591884.7/8

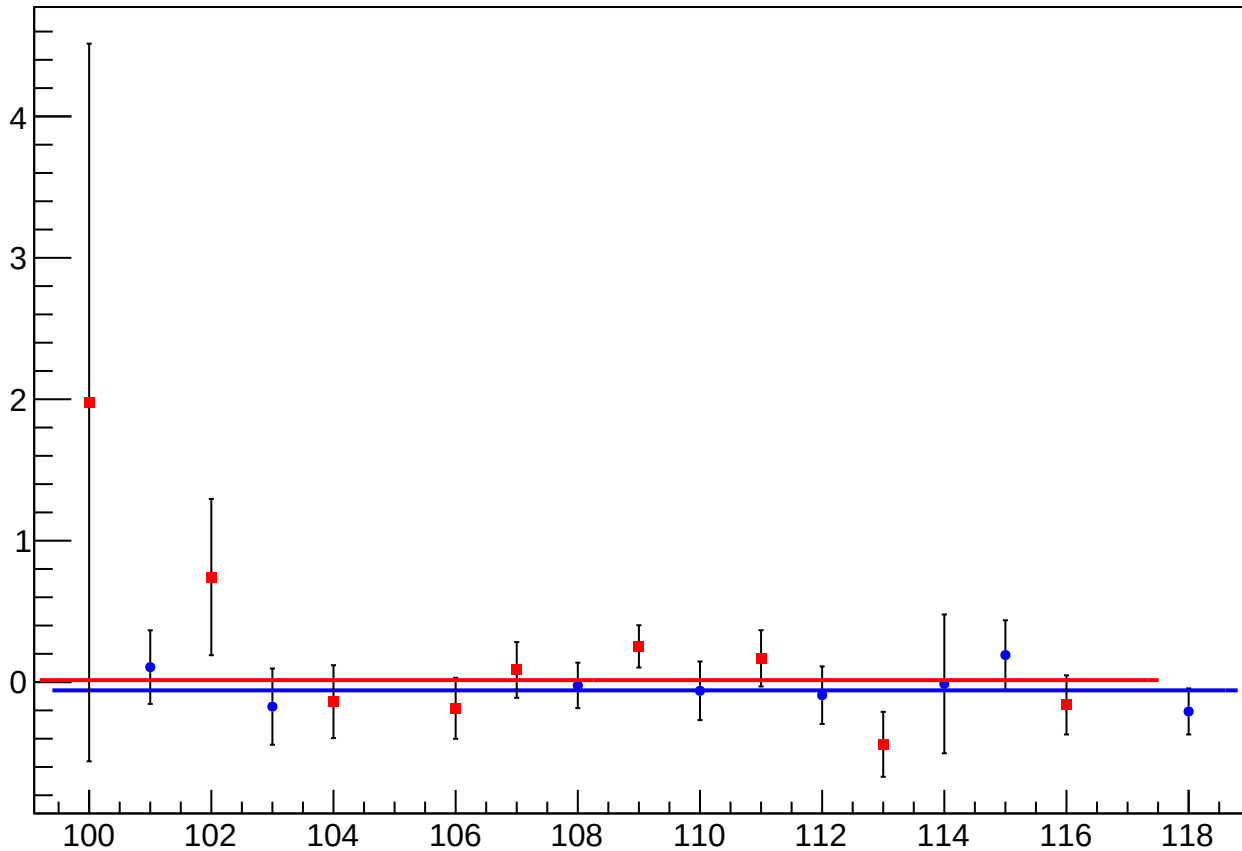
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.802+/-0.038 χ^2/NDF : 1072271.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2/NDF : 11.4/8

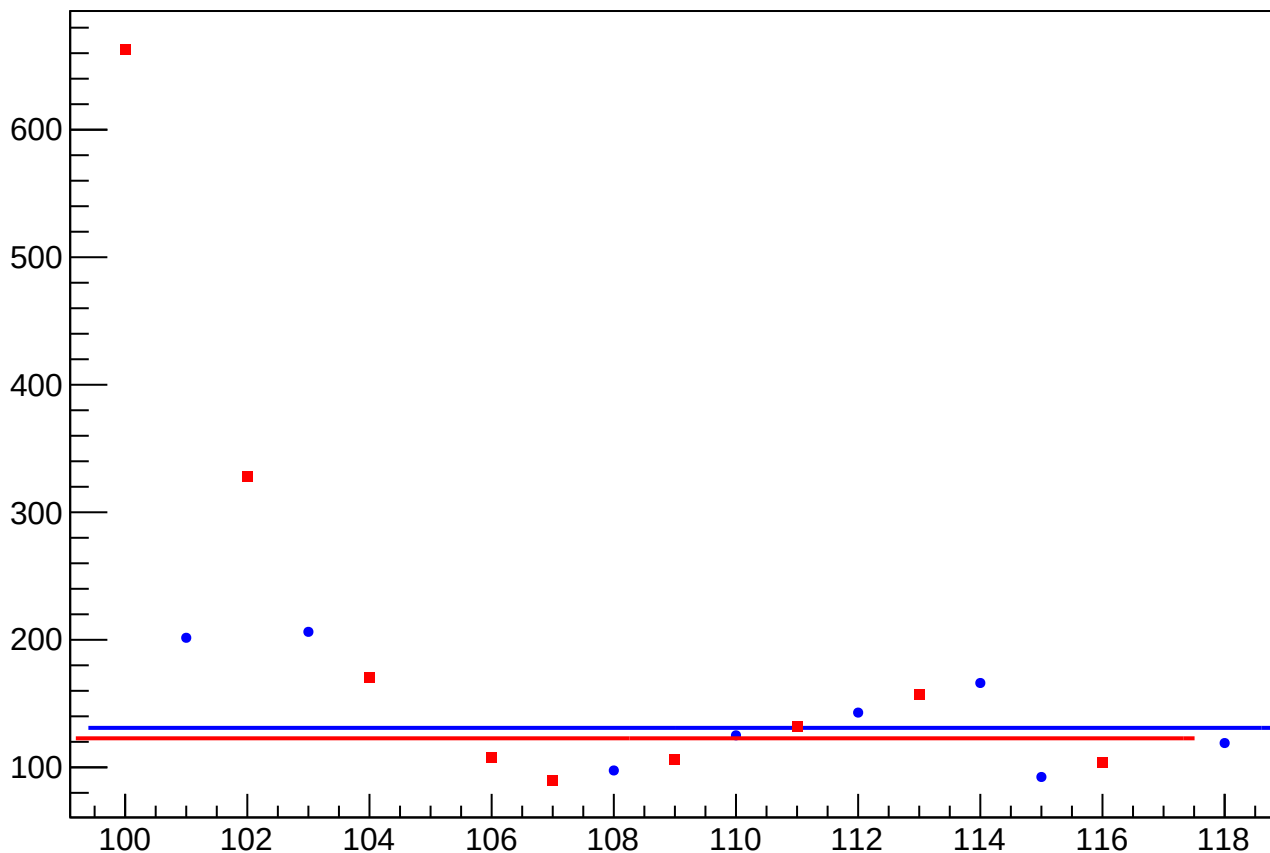
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.022 $\pm$ 0.053 χ^2/NDF : 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.761+/-0.053 χ^2/NDF : 591884.7/8

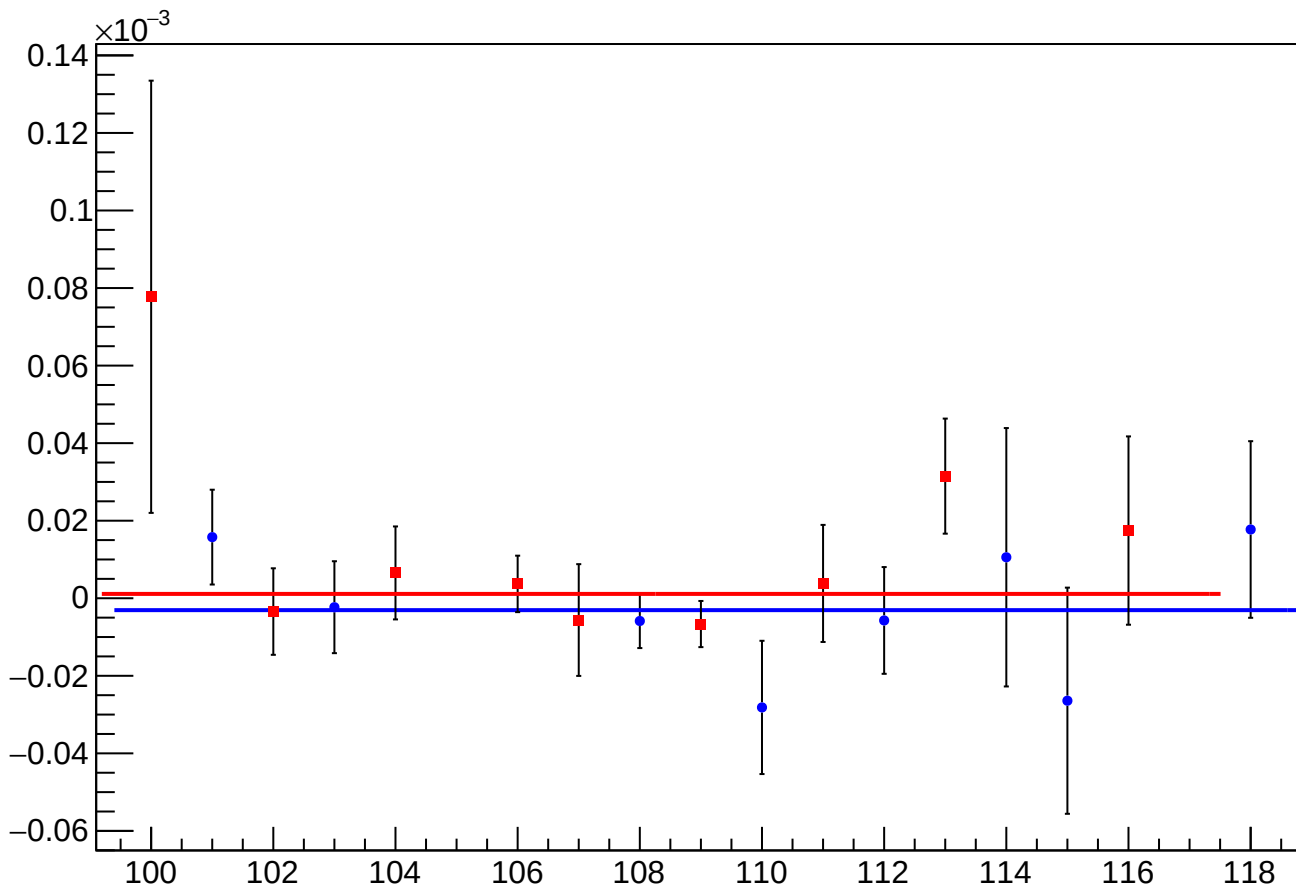
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.802+/-0.038 χ^2/NDF : 1072271.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/8

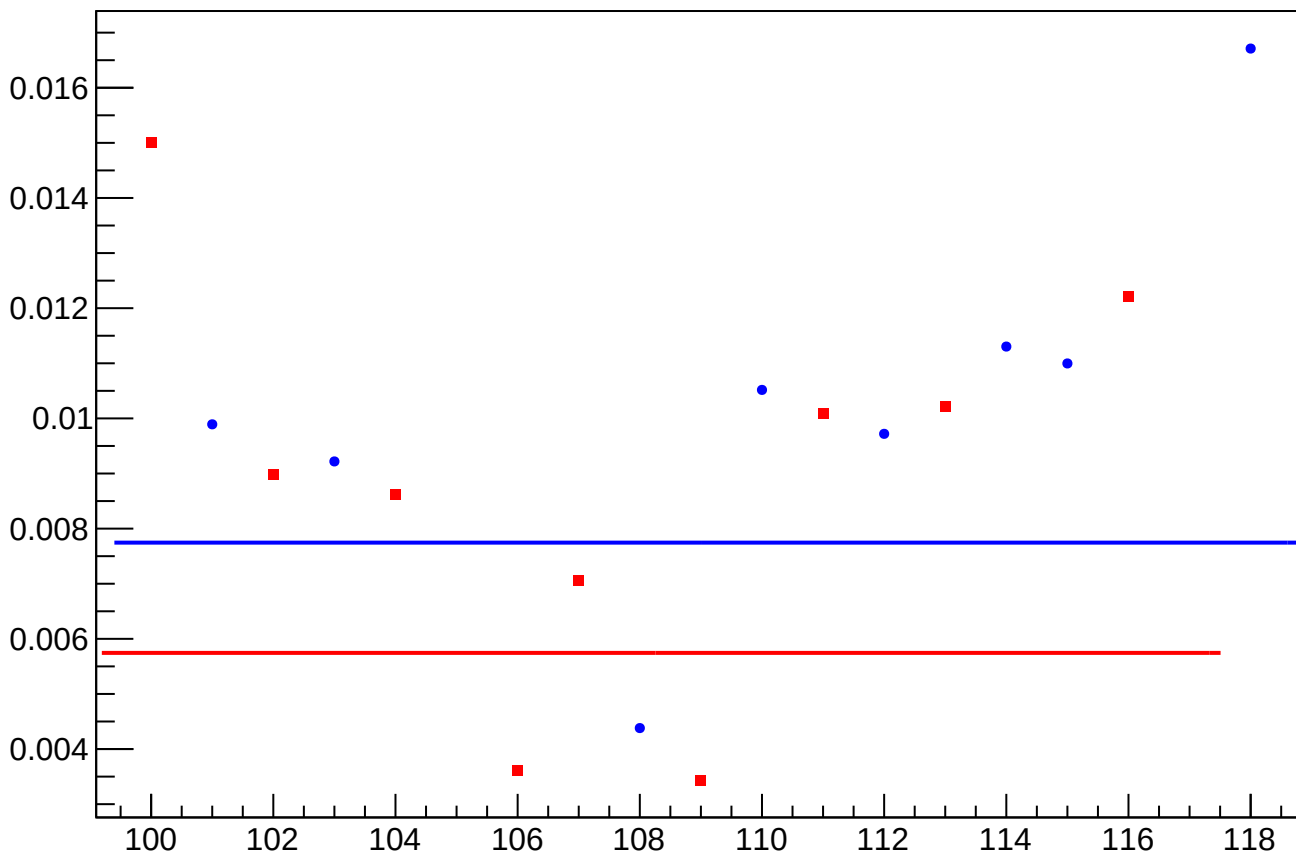
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 1007561.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 1318996.0/8

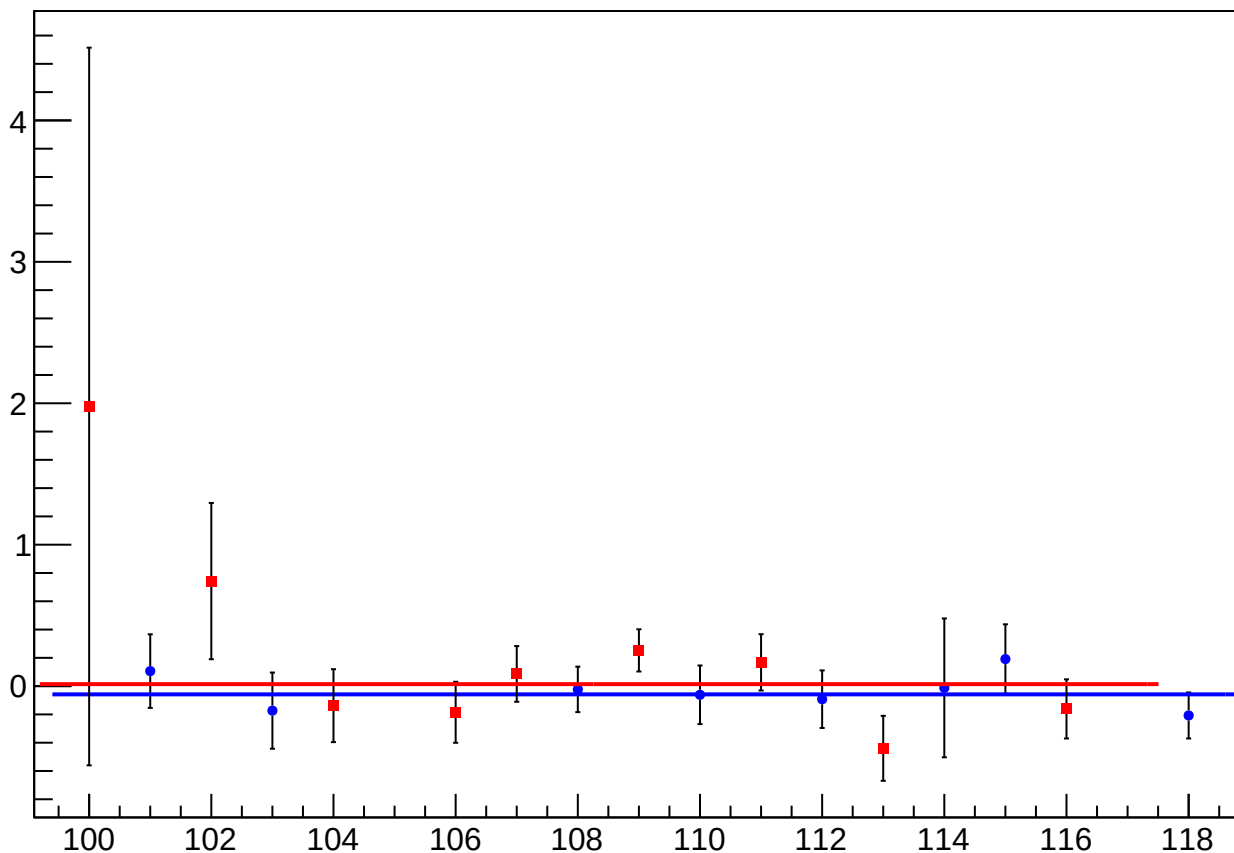
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 2561128.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.014±/0.075 χ^2 /NDF: 11.4/8

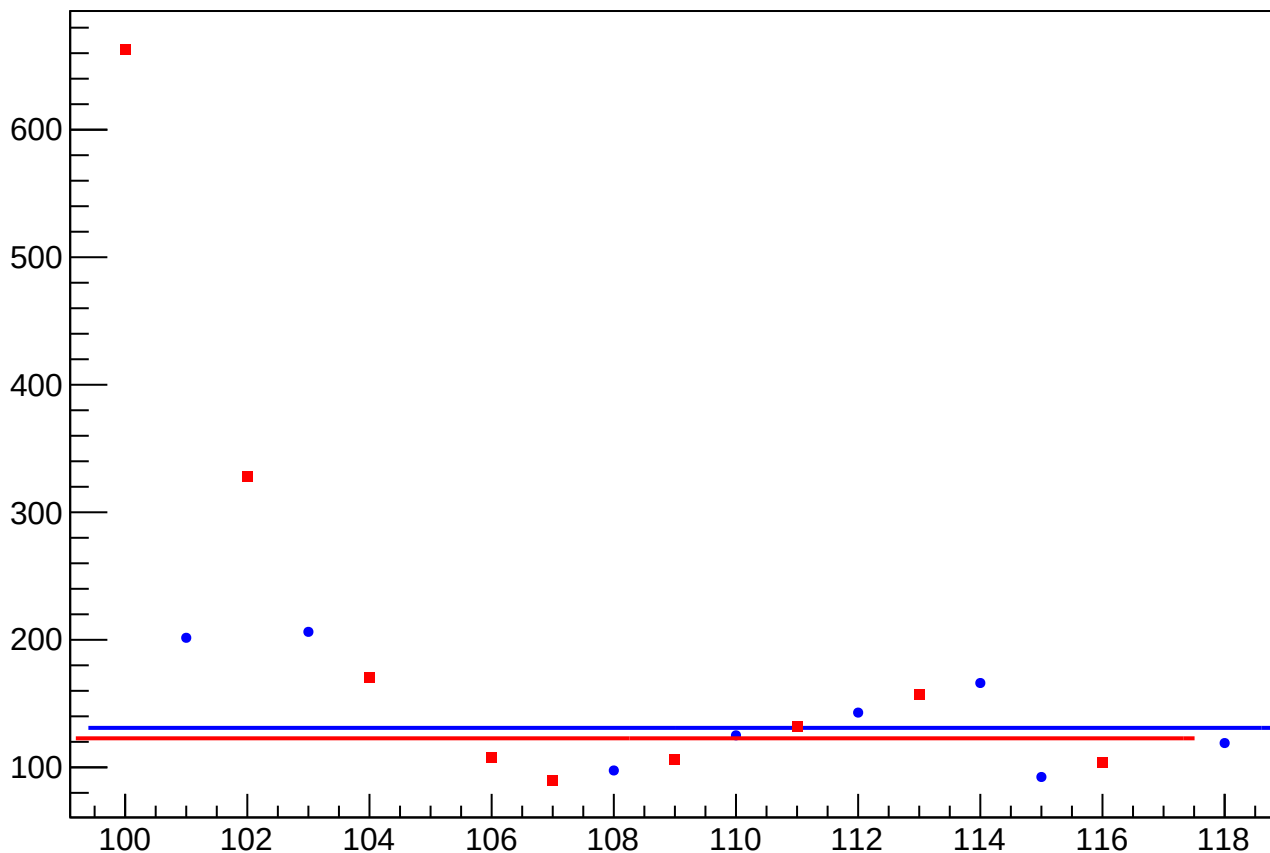
Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/0.000 χ^2 /NDF: 0.0/0

All: -0.022±/0.053 χ^2 /NDF: 14.4/16

- sign 0.000±/0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 122.763+/-0.053 χ^2/NDF : 591838.6/8

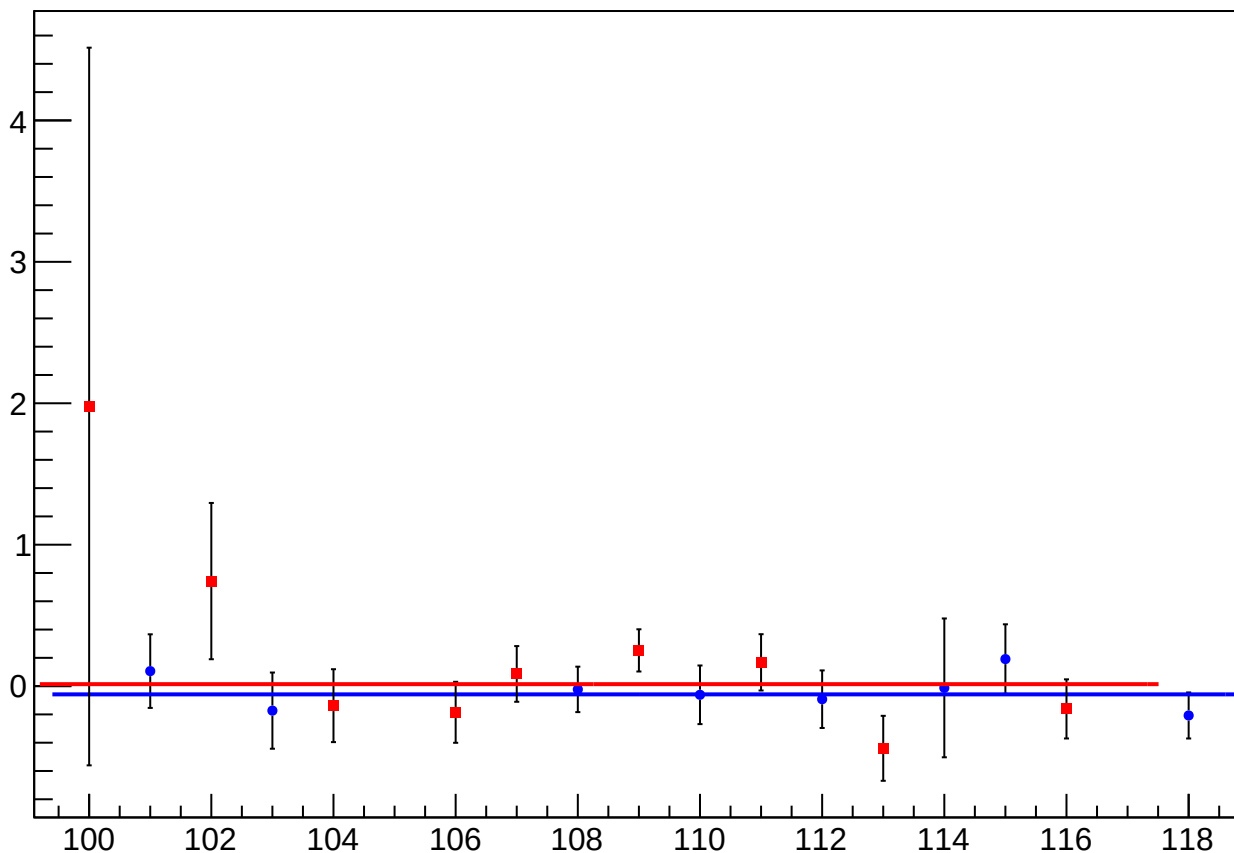
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.804+/-0.038 χ^2/NDF : 1072186.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

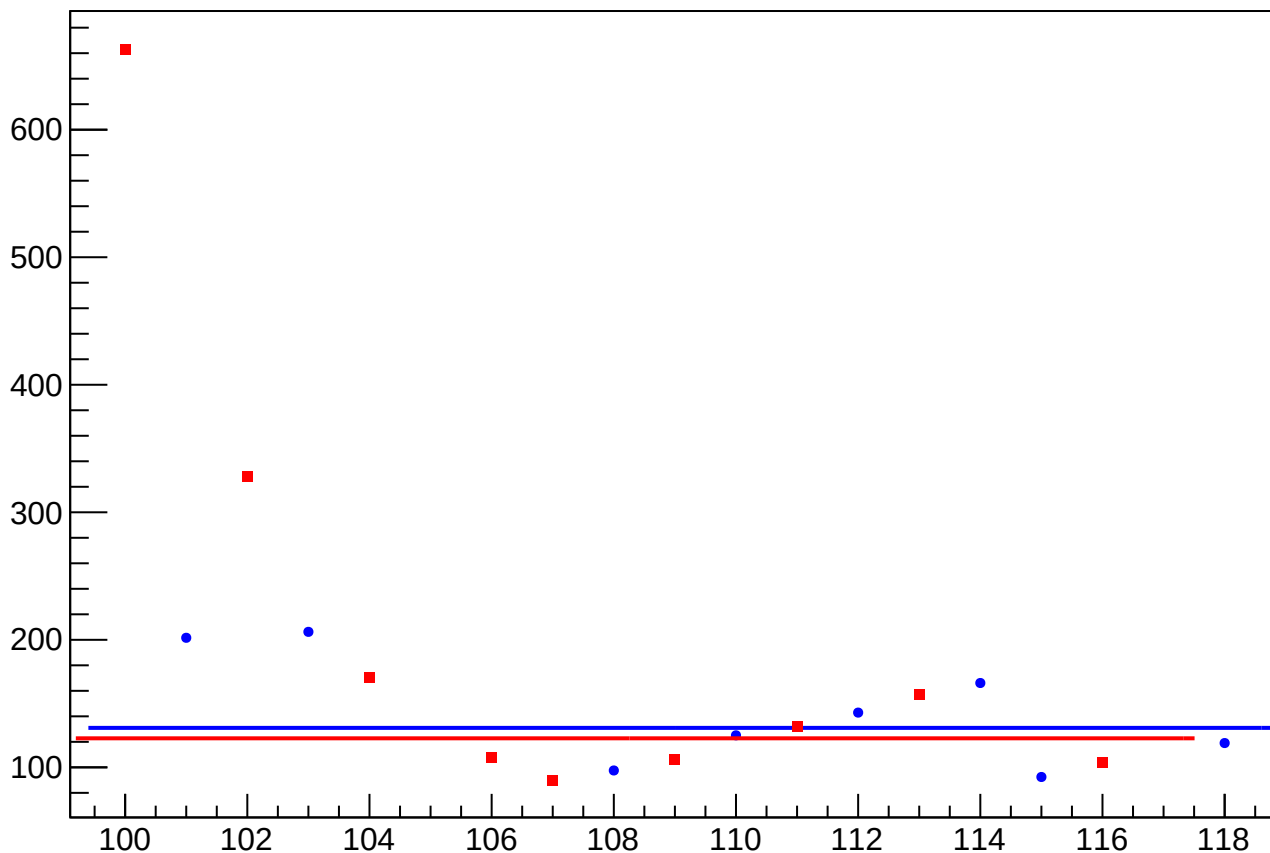
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.763+/-0.053 χ^2/NDF : 591838.6/8

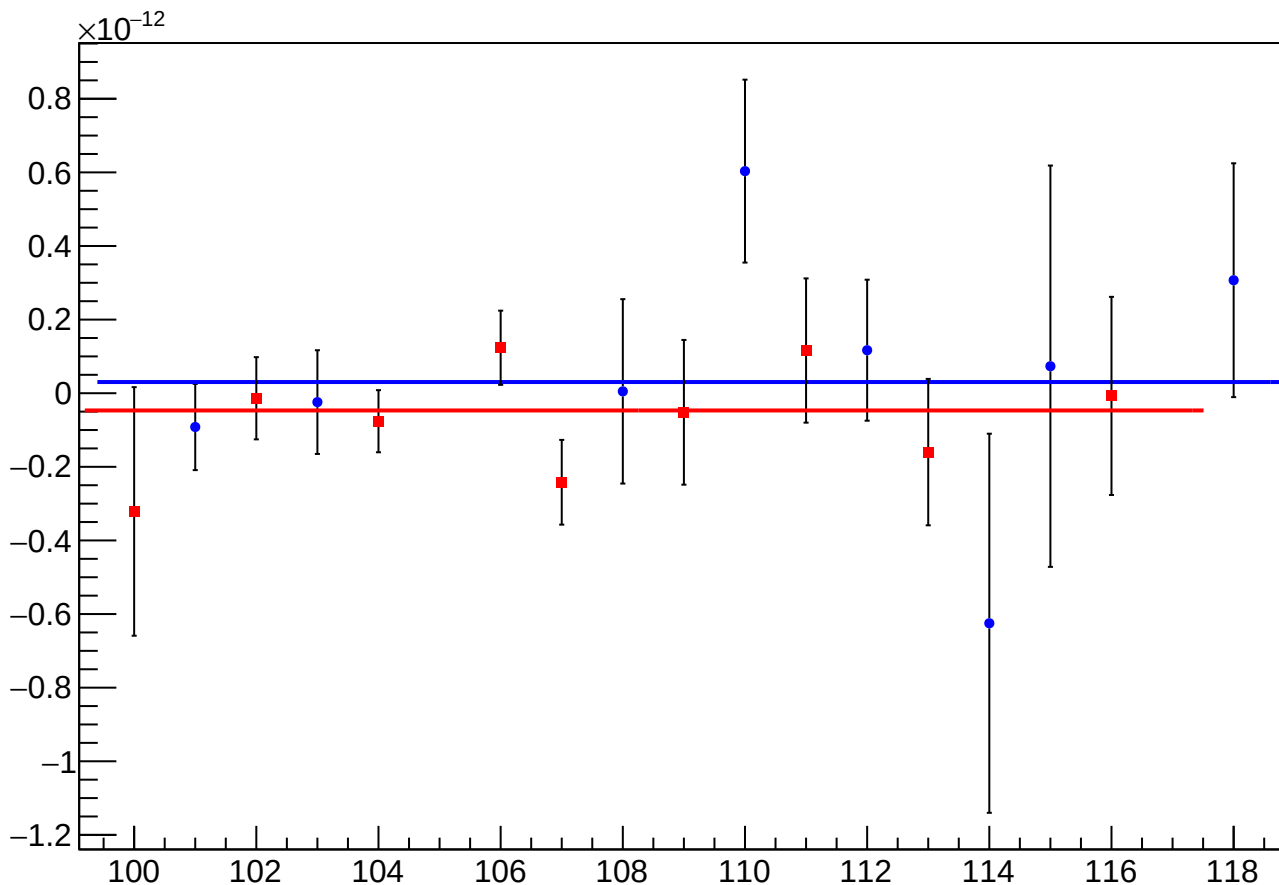
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.804+/-0.038 χ^2/NDF : 1072186.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.6/8

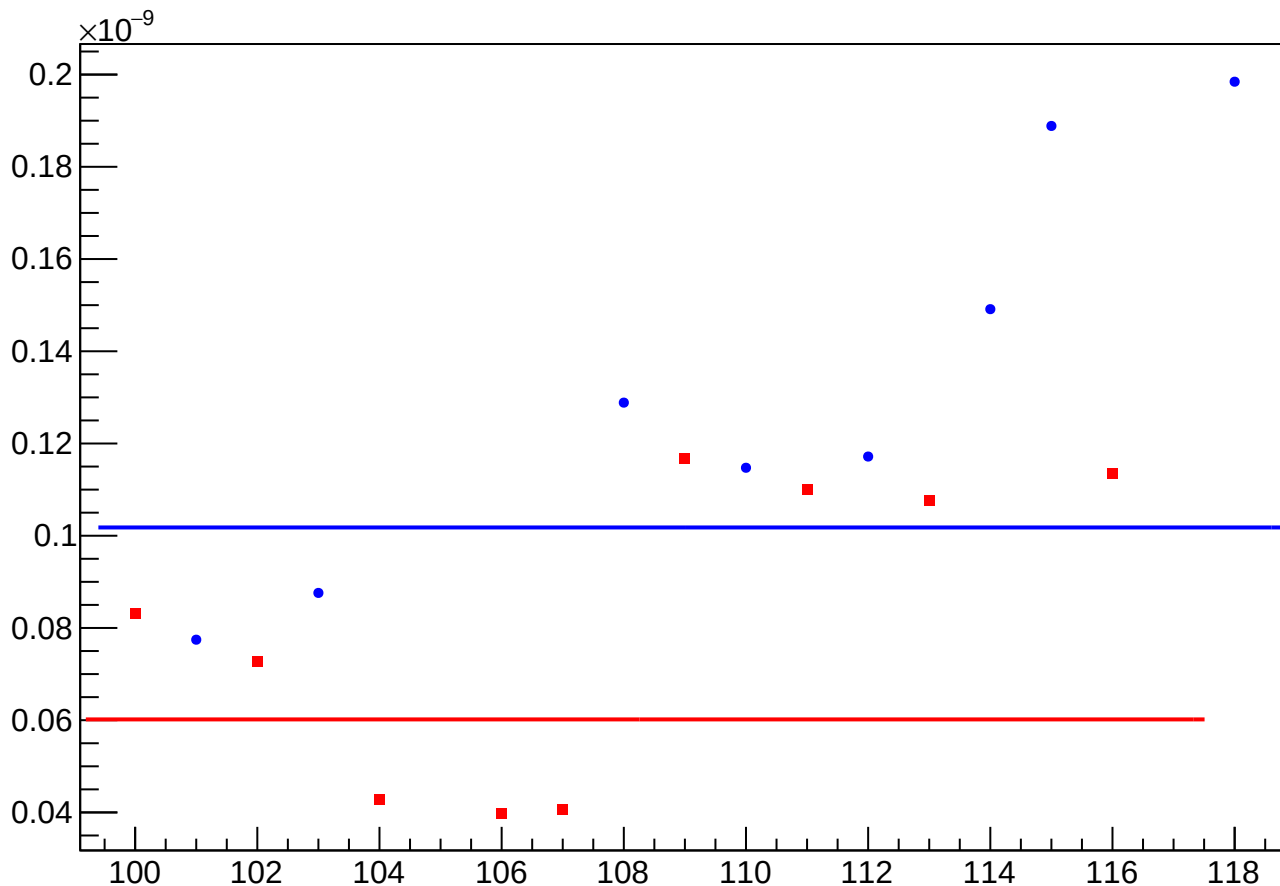
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 745869.5/8

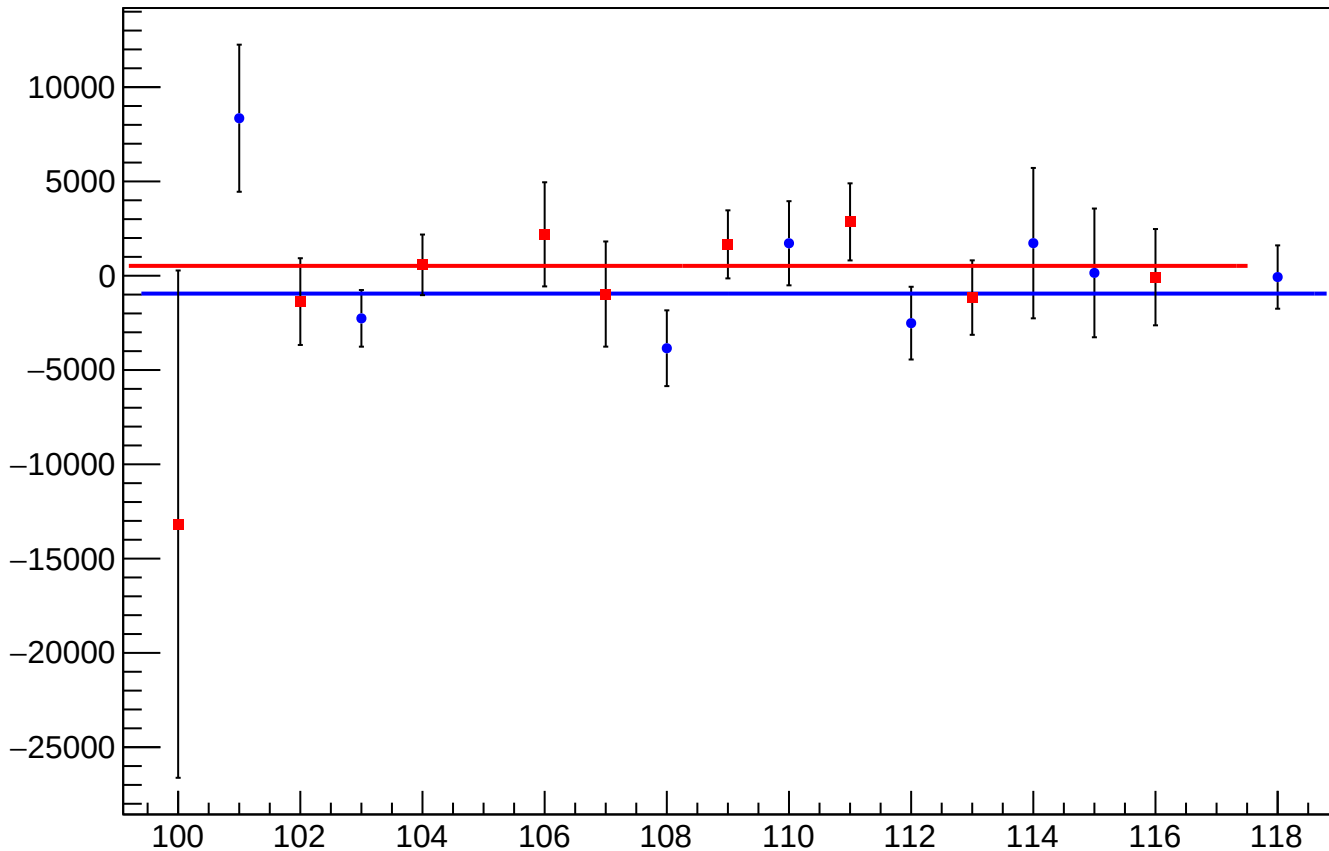
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1640190.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



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: 522.385+/-745.706 χ^2/NDF : 4.9/8

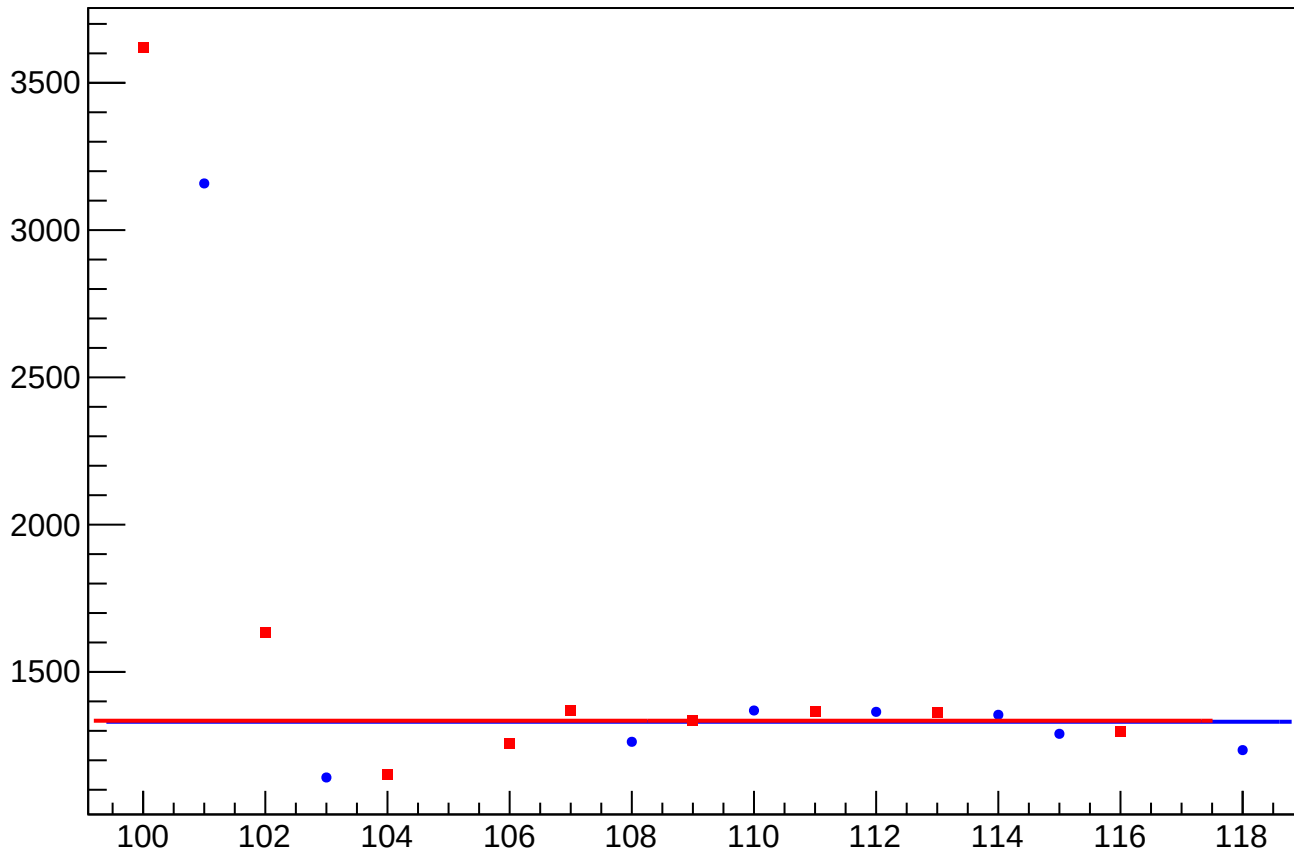
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.363+/-532.388 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1330.854+/-0.538 χ^2/NDF : 481305.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

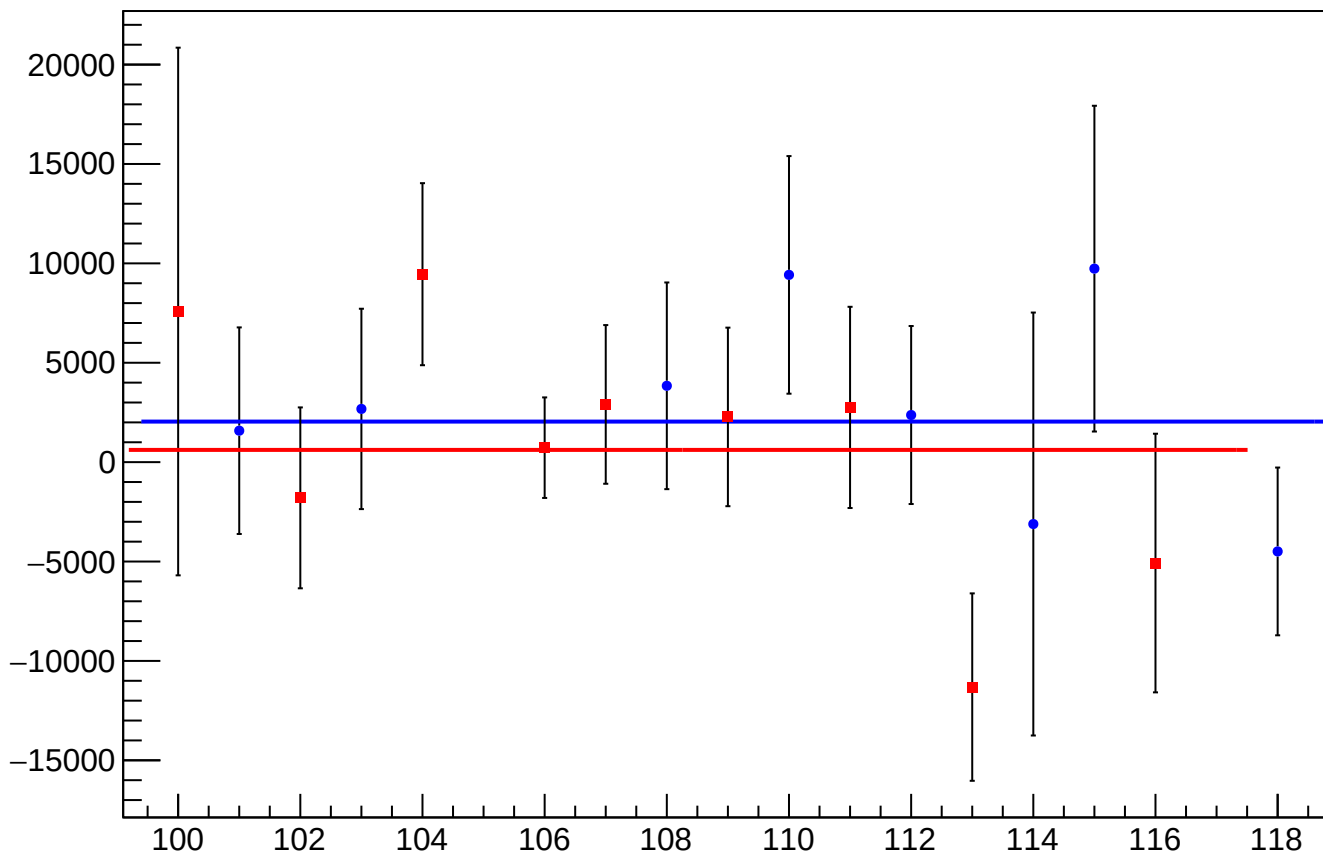
Right Out: 1334.347+/-0.524 χ^2/NDF : 121241.8/8

All: 1332.645+/-0.375 χ^2/NDF : 602568.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 2040.334 $\pm$ 1920.326 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 615.653 $\pm$ 1446.355 χ^2 /NDF: 12.1/8

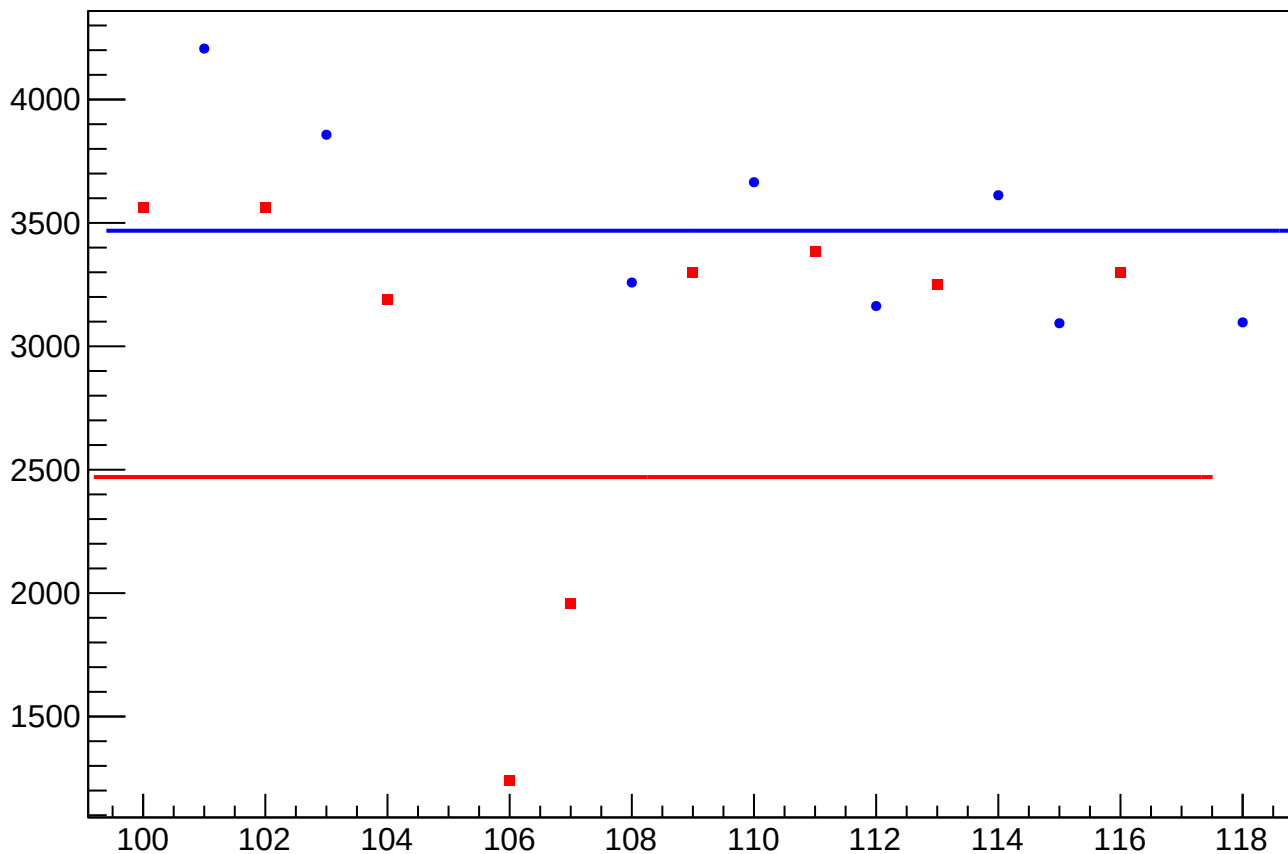
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1131.321 $\pm$ 1155.317 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3468.347 $\pm$ 1.358 χ^2 /NDF: 87021.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2470.307 $\pm$ 1.023 χ^2 /NDF: 903314.7/8

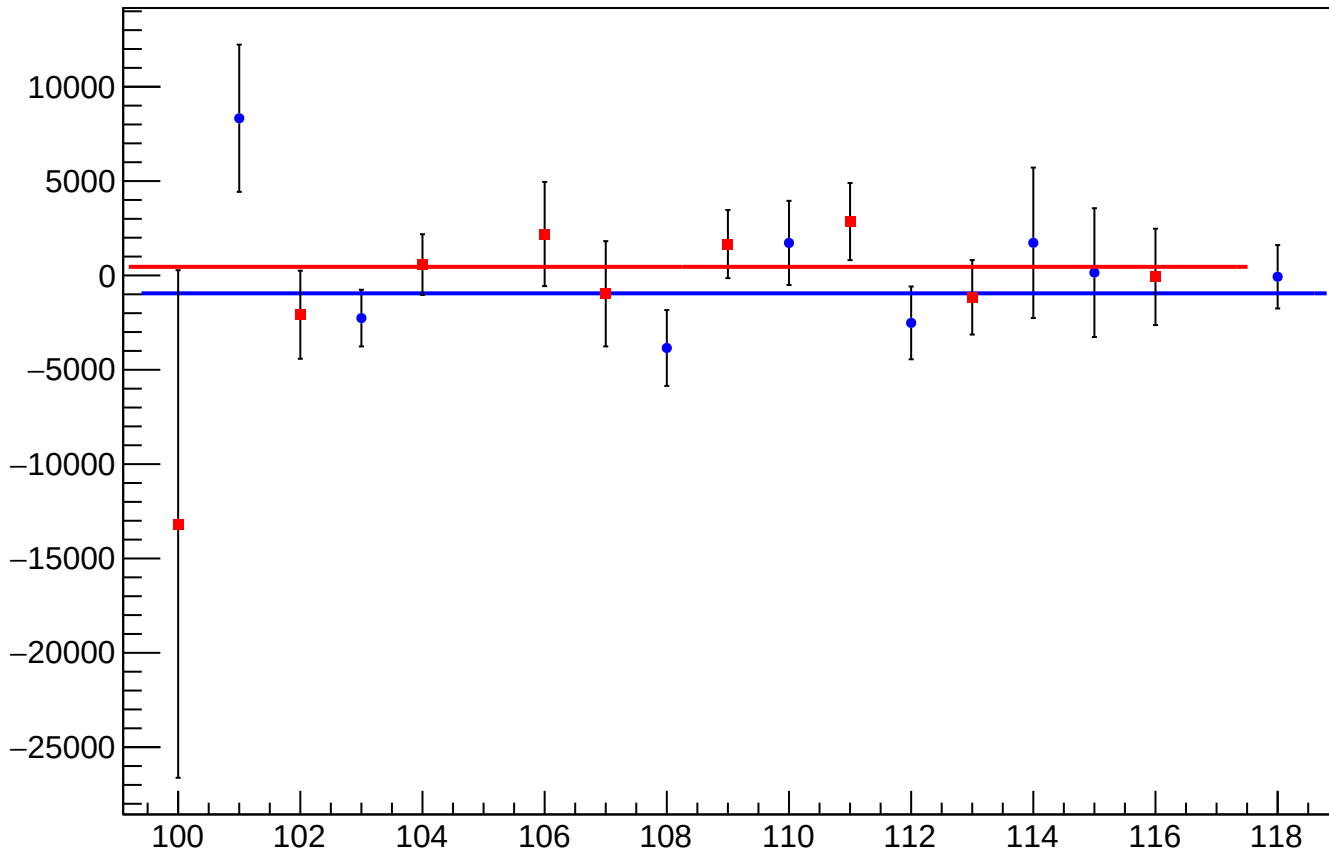
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2831.551 $\pm$ 0.817 χ^2 /NDF: 1335026.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



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: 455.732+/-746.864 χ^2 /NDF: 5.4/8

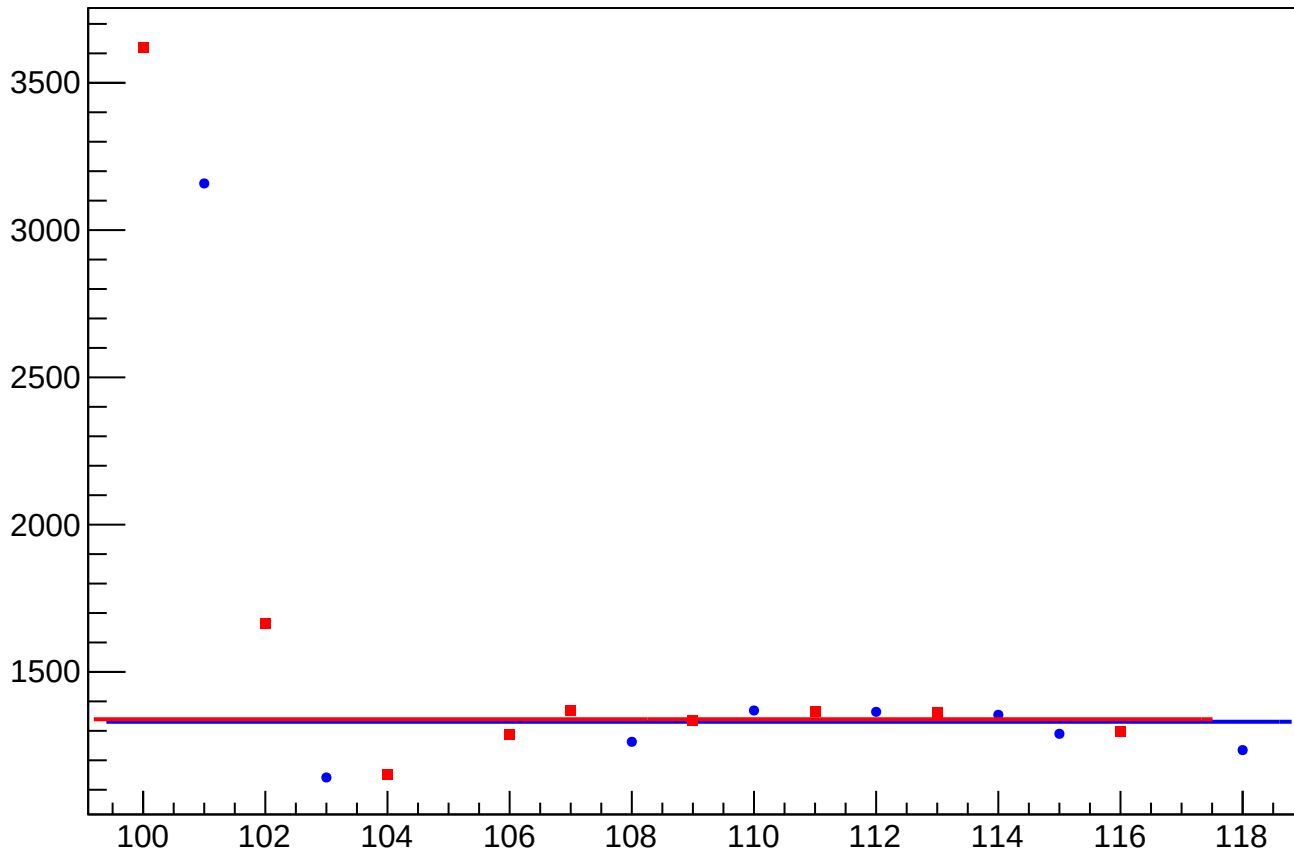
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -233.829+/-532.810 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1330.854+/-0.538 χ^2/NDF : 481307.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

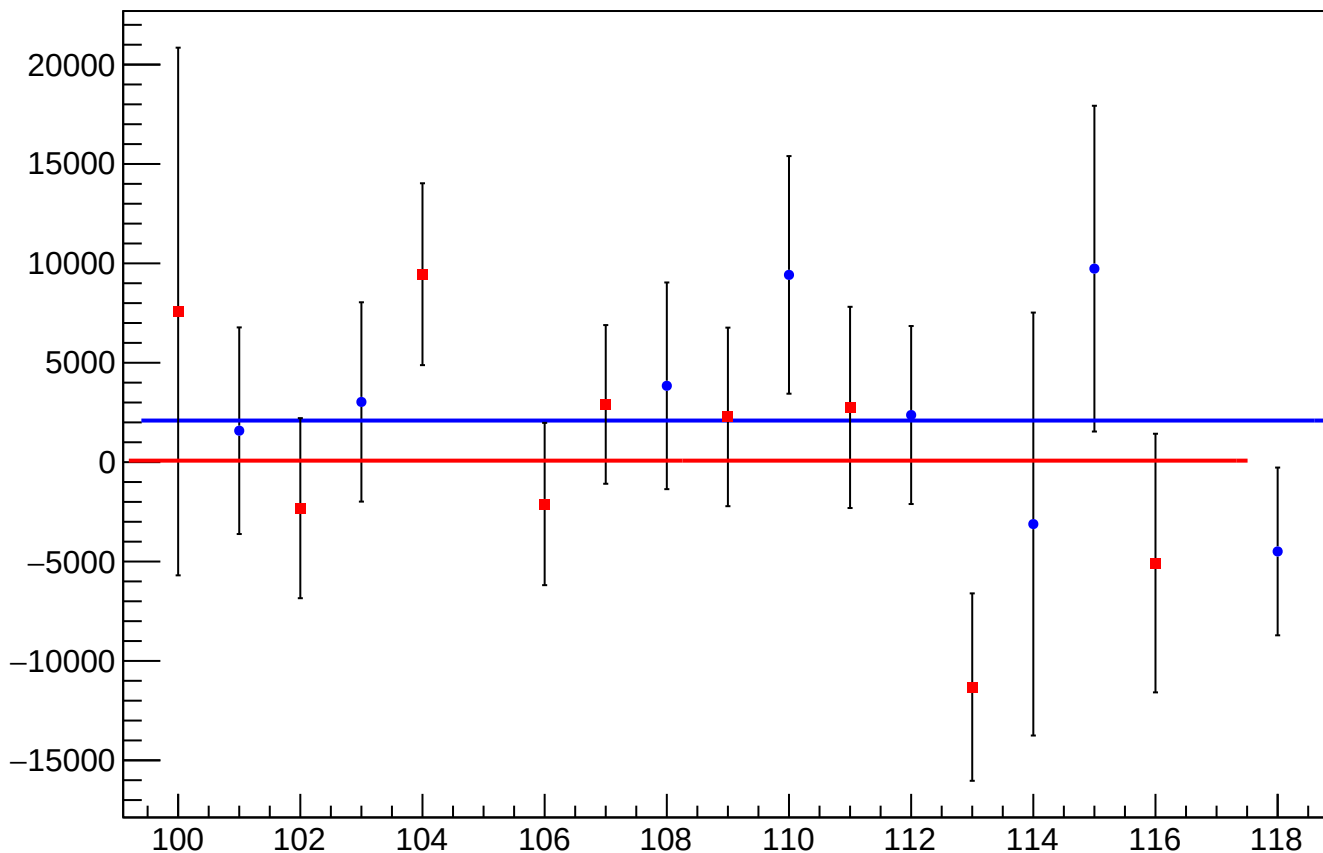
Right Out: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug



Right In: 2092.588 $\pm$ 1918.942 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.811 $\pm$ 1617.505 χ^2 /NDF: 12.6/8

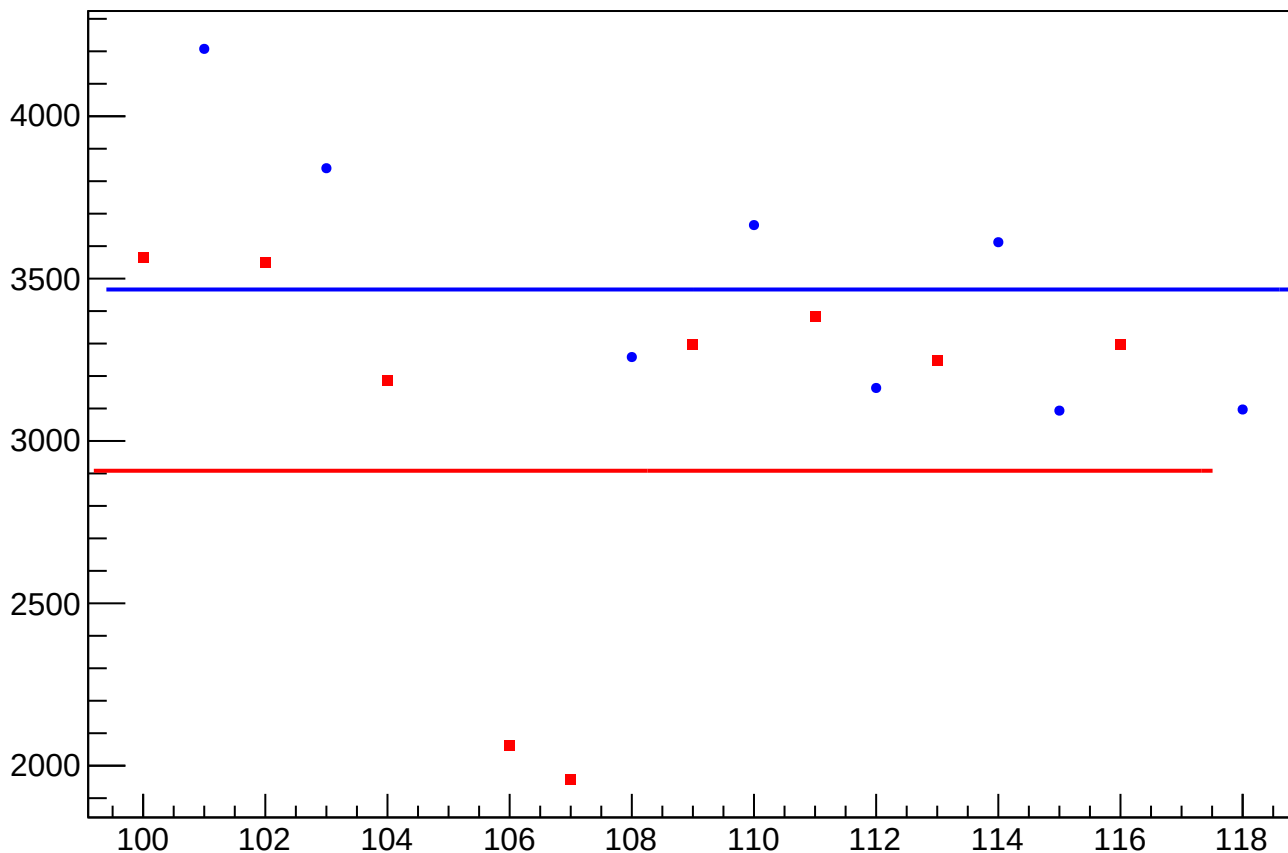
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 913.535 $\pm$ 1236.754 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug



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: 2908.285+/-1.144 χ^2/NDF : 302530.8/8

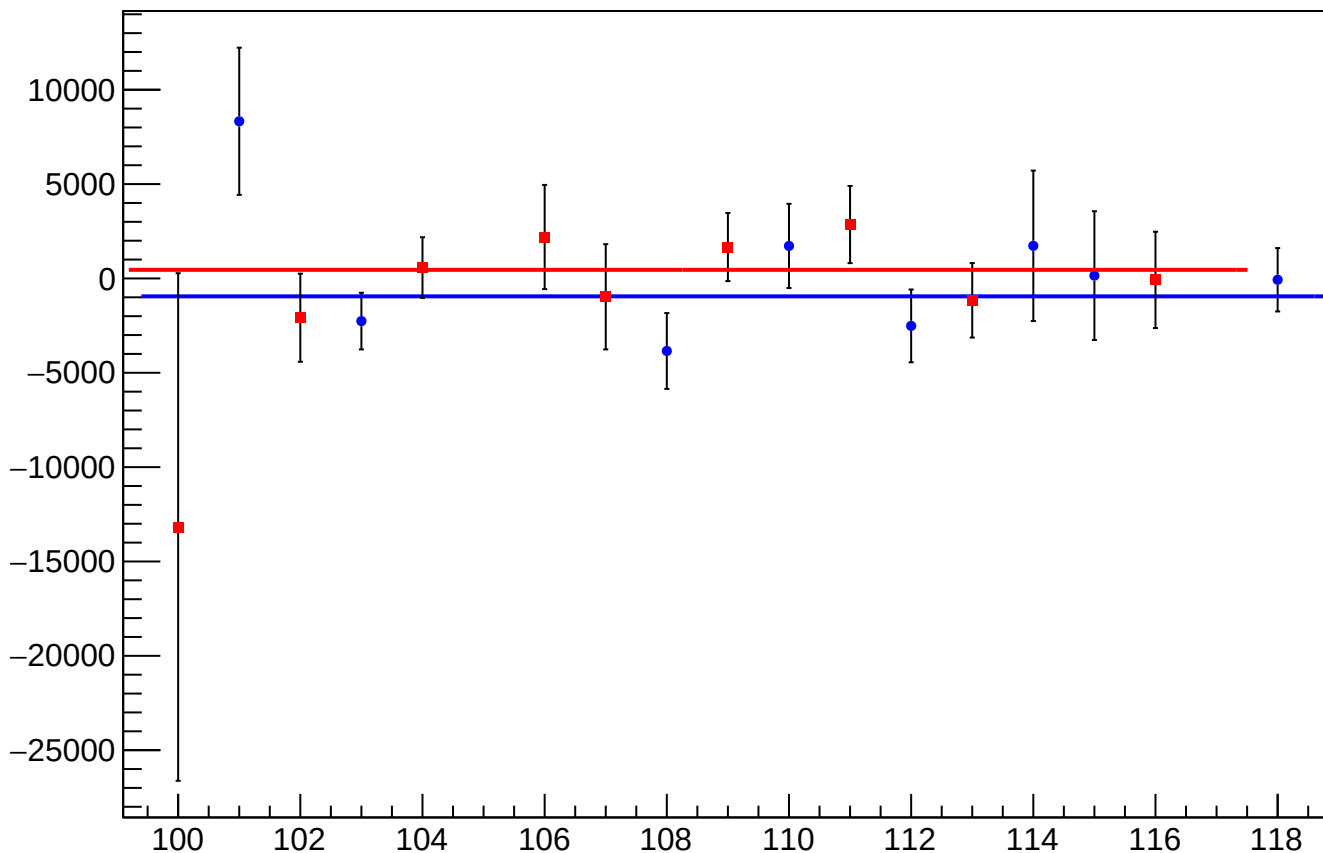
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3140.150+/-0.875 χ^2/NDF : 487666.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



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: 455.732+/-746.864 χ^2 /NDF: 5.4/8

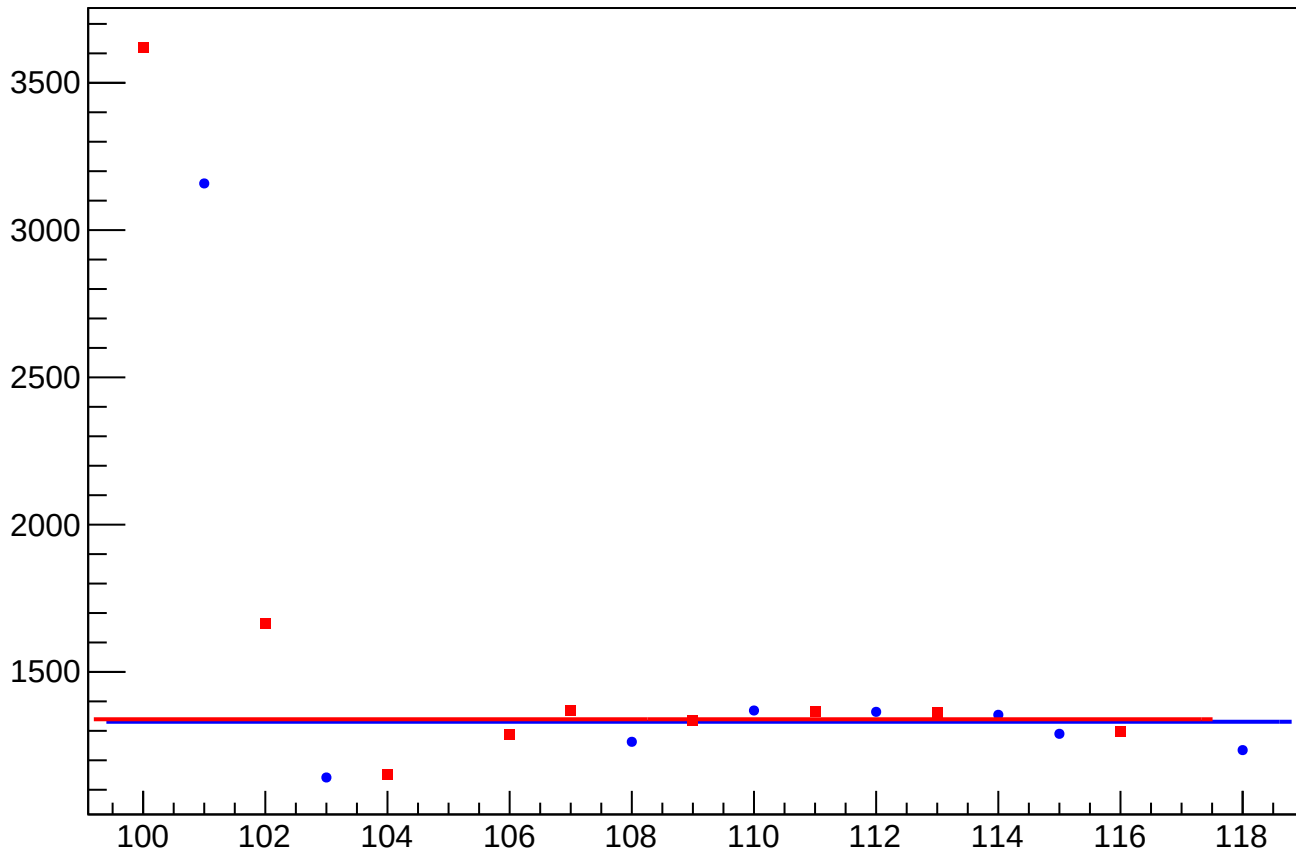
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -233.829+/-532.810 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



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: 1339.311+/-0.526 χ^2/NDF : 126468.9/8

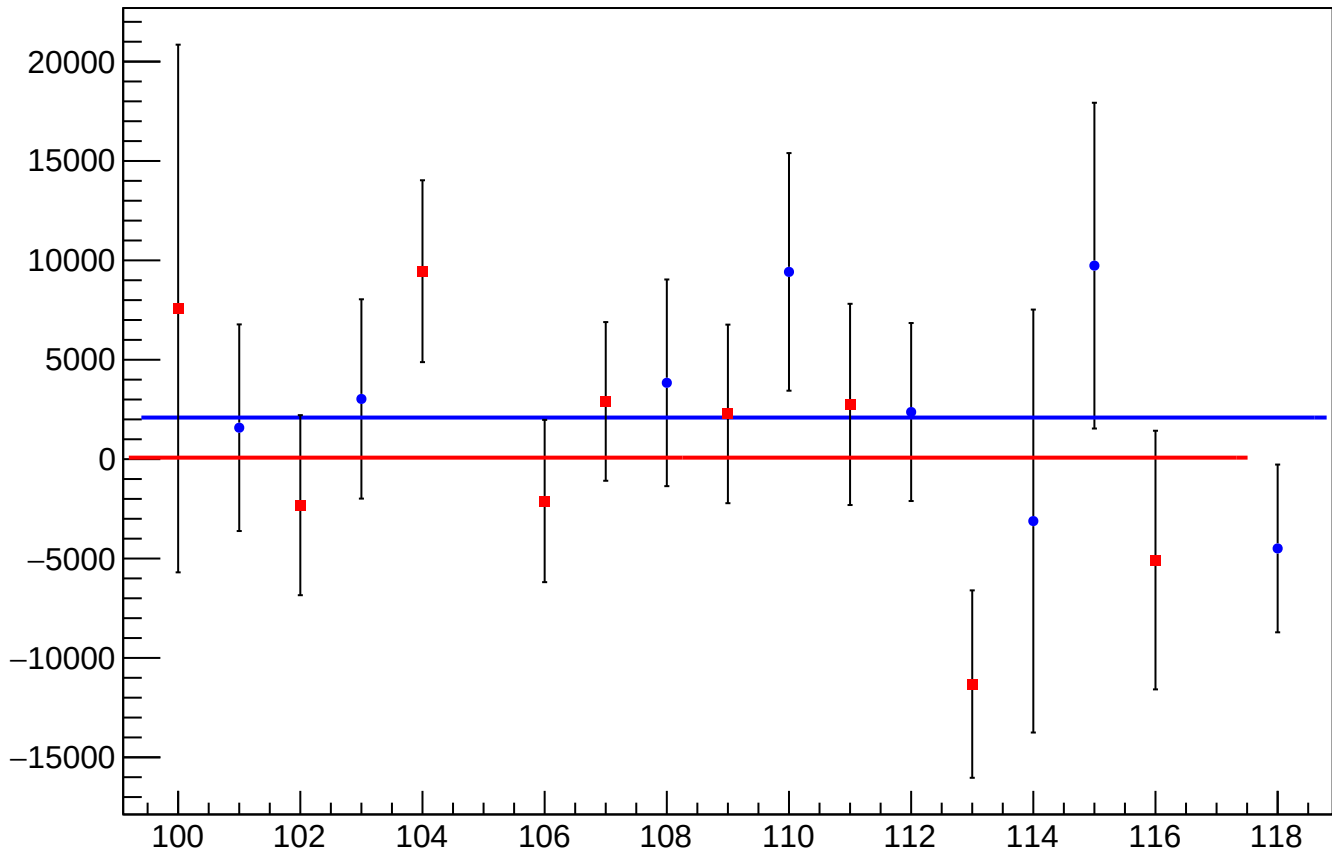
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.176+/-0.376 χ^2/NDF : 607902.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



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: 75.811+/-1617.505 χ^2/NDF : 12.6/8

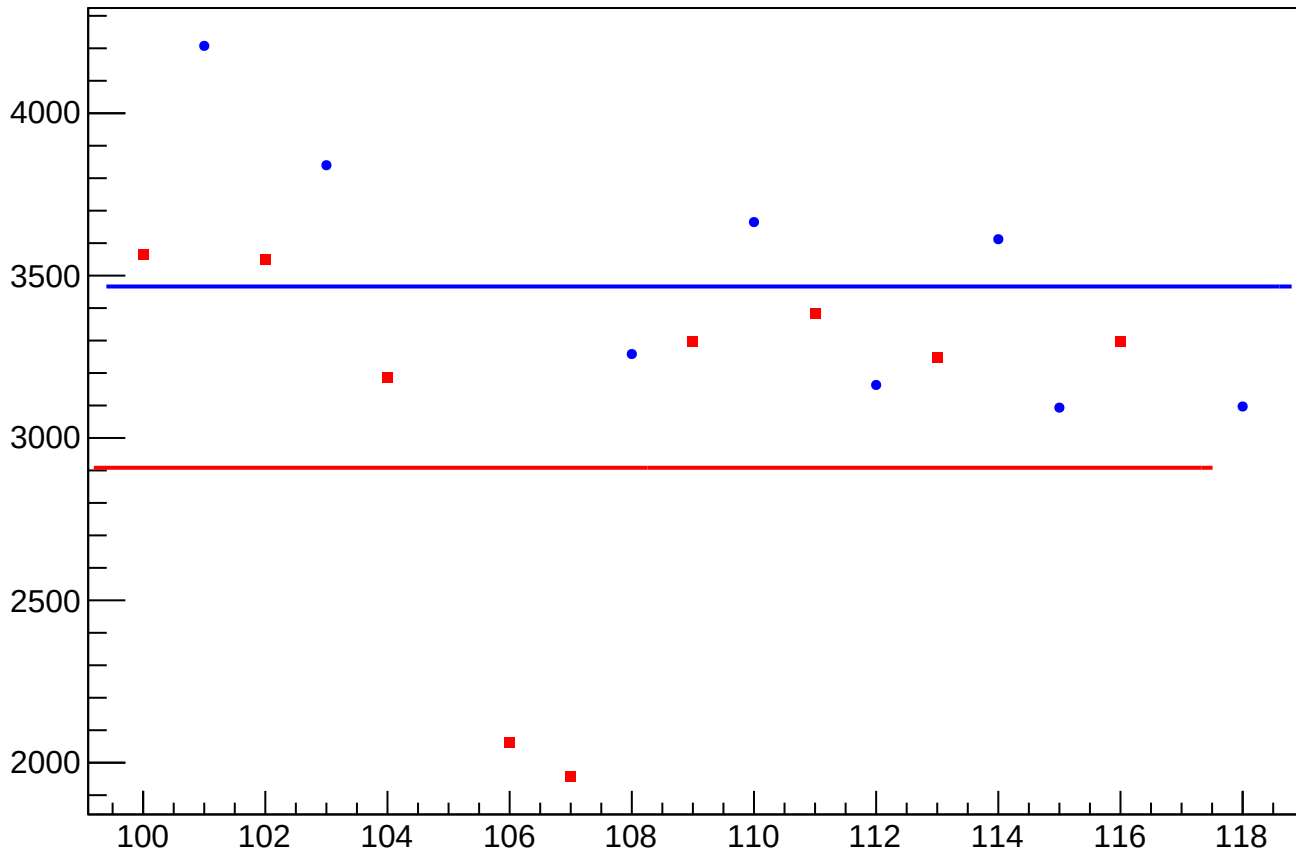
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.535+/-1236.754 χ^2/NDF : 18.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3466.488 $\pm$ 1.357 χ^2 /NDF: 86197.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2908.285 $\pm$ 1.144 χ^2 /NDF: 302530.8/8

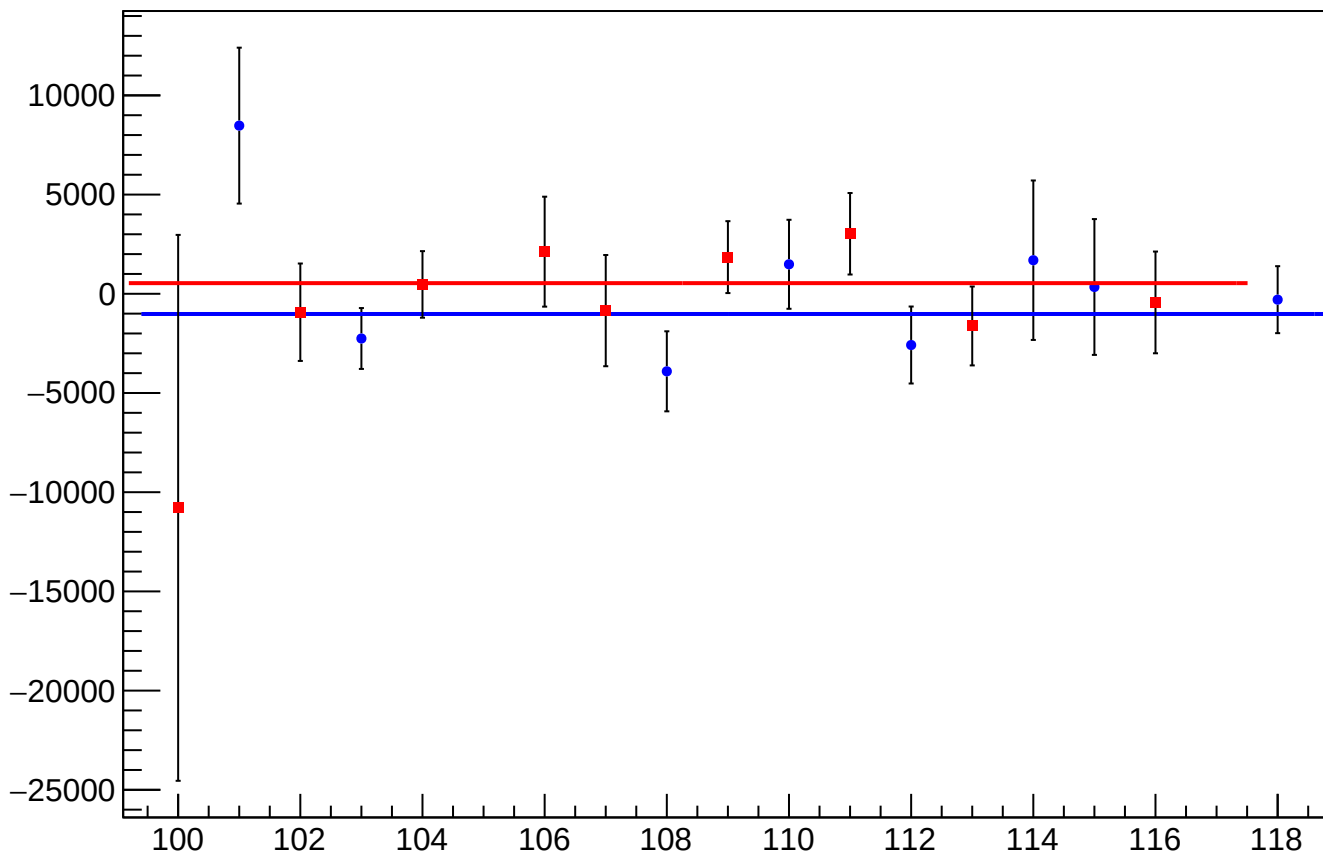
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3140.150 $\pm$ 0.875 χ^2 /NDF: 487666.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



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: 536.716+/-760.116 χ^2/NDF : 4.9/8

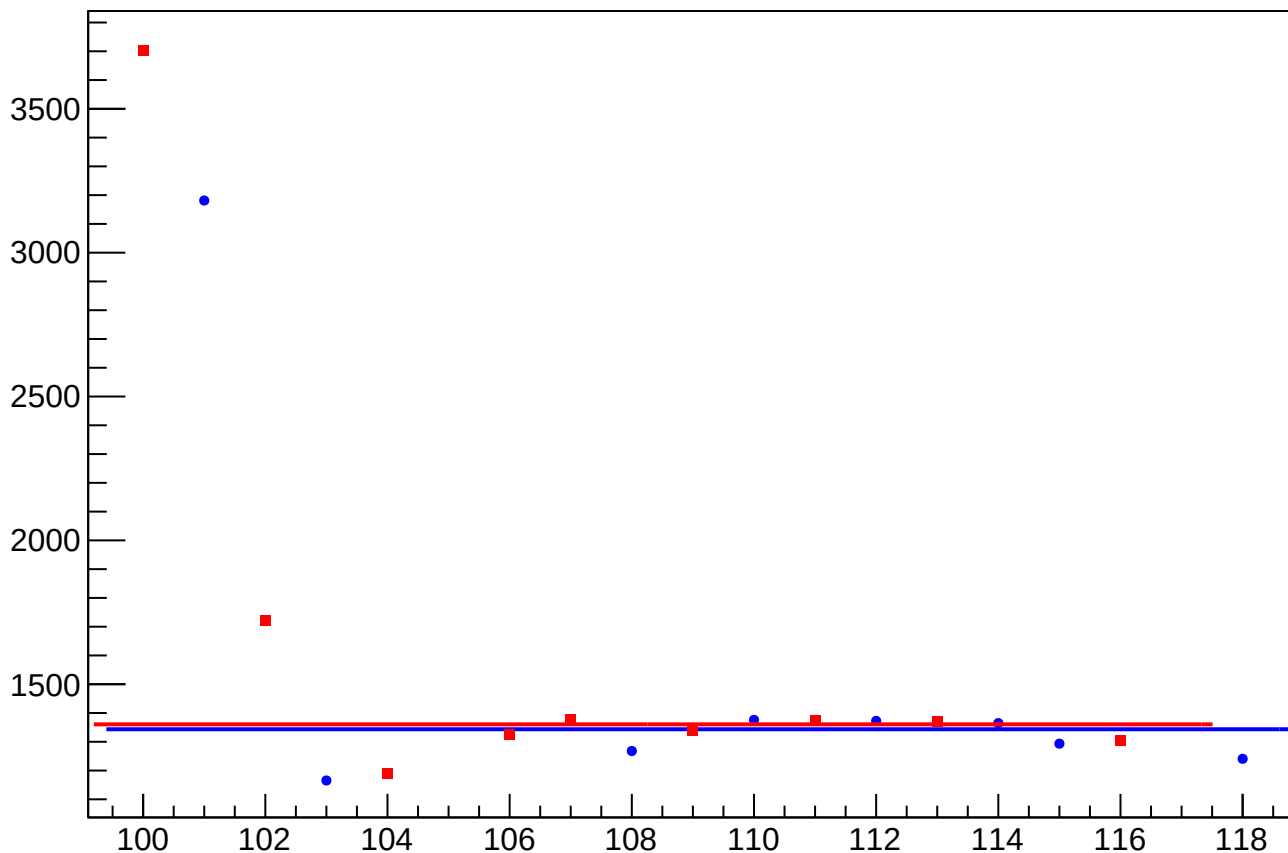
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -233.397+/-540.025 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1343.497 $\pm$ 0.543 χ^2 /NDF: 476053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.542 $\pm$ 0.537 χ^2 /NDF: 123562.7/8

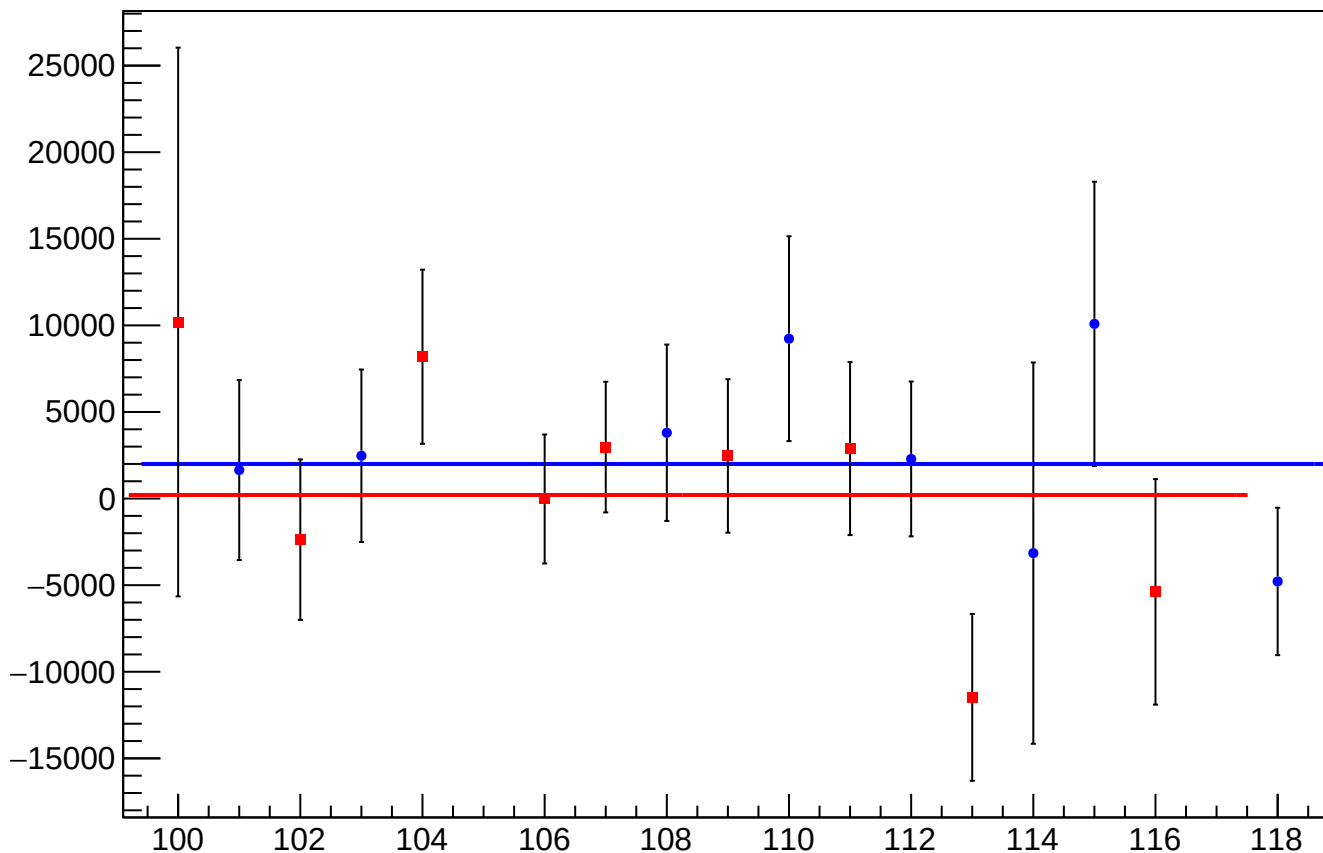
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.116 $\pm$ 0.382 χ^2 /NDF: 600114.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



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: 207.541+/-1600.548 χ^2/NDF : 10.9/8

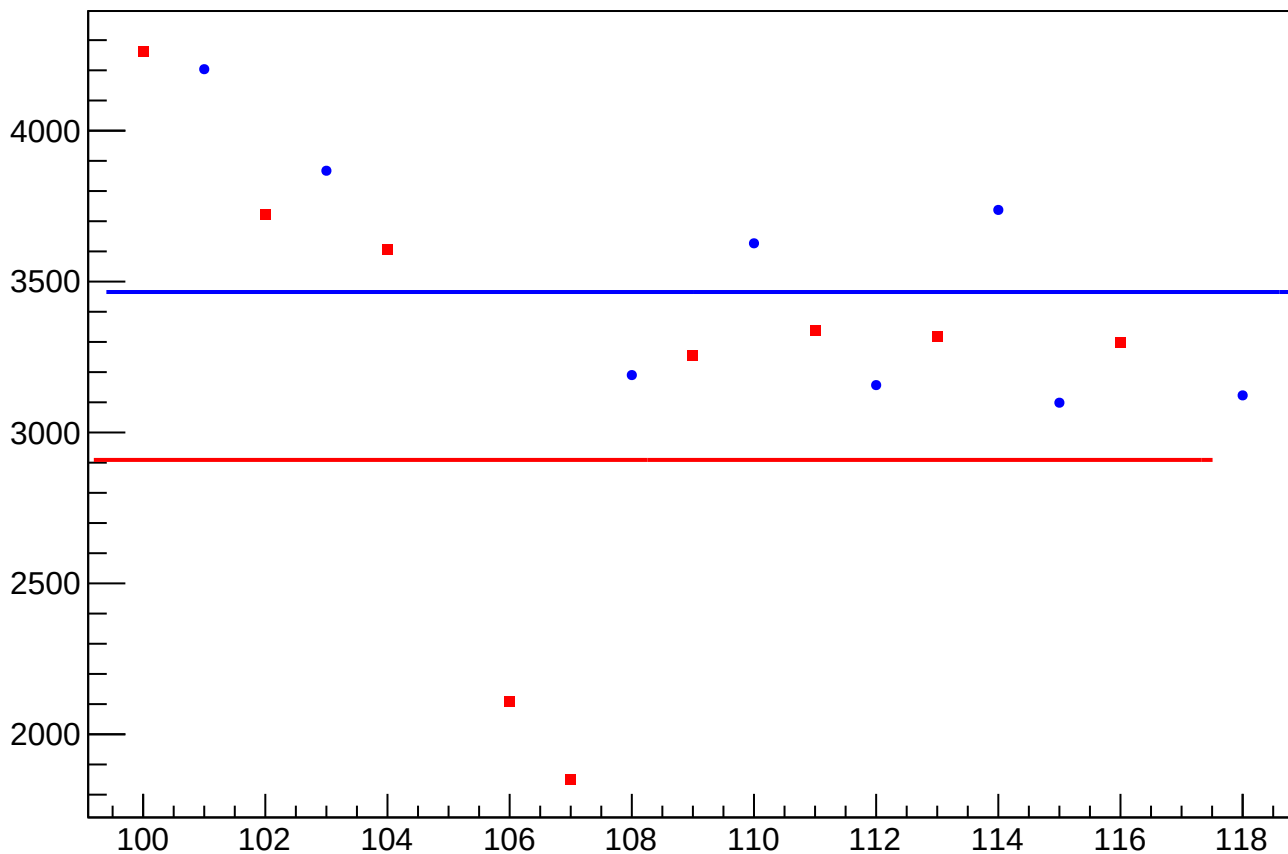
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.930 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



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: 2909.111+/-1.132 χ^2/NDF : 413923.3/8

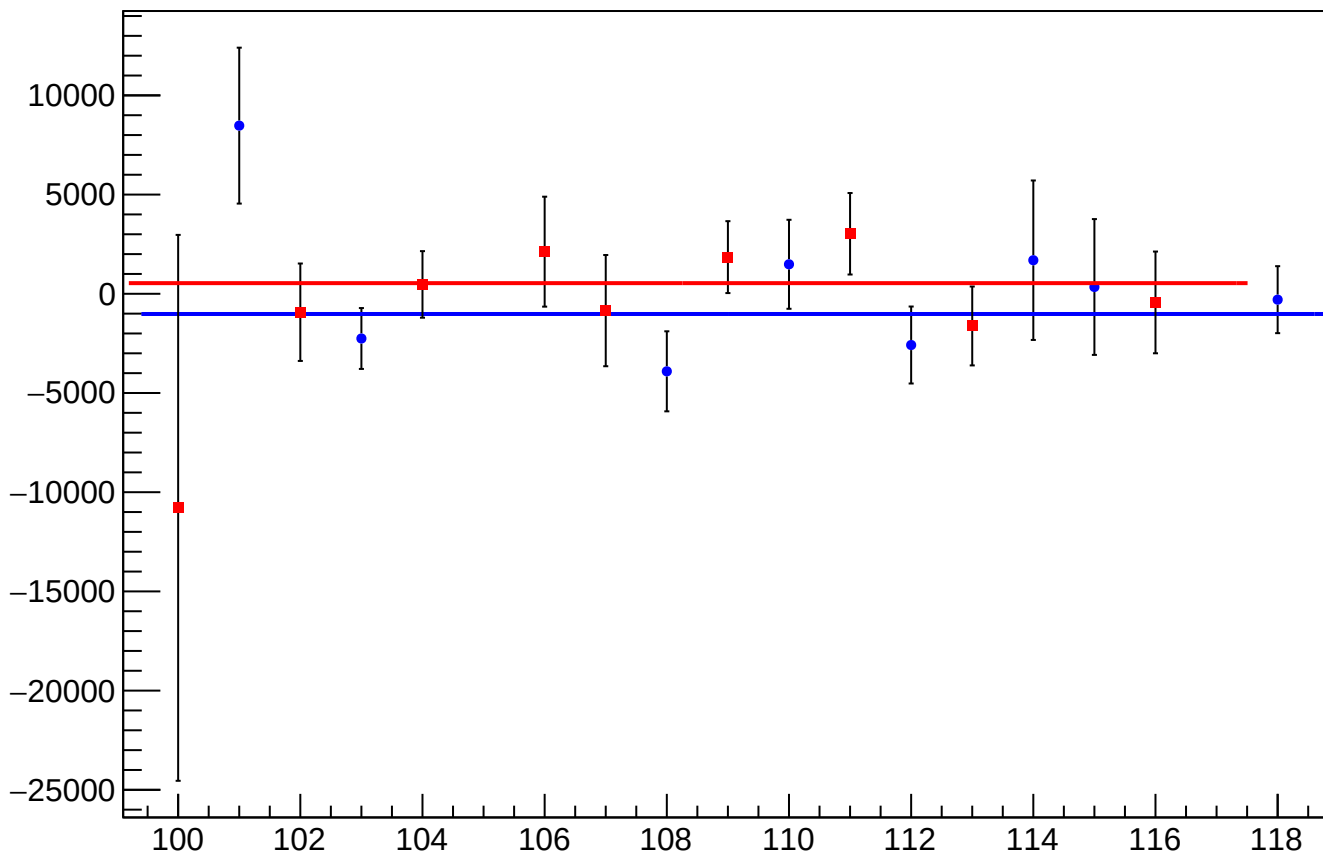
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3138.003+/-0.868 χ^2/NDF : 601762.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1018.252 $\pm$ 767.356 χ^2 /NDF: 11.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 536.726 $\pm$ 760.116 χ^2 /NDF: 4.9/8

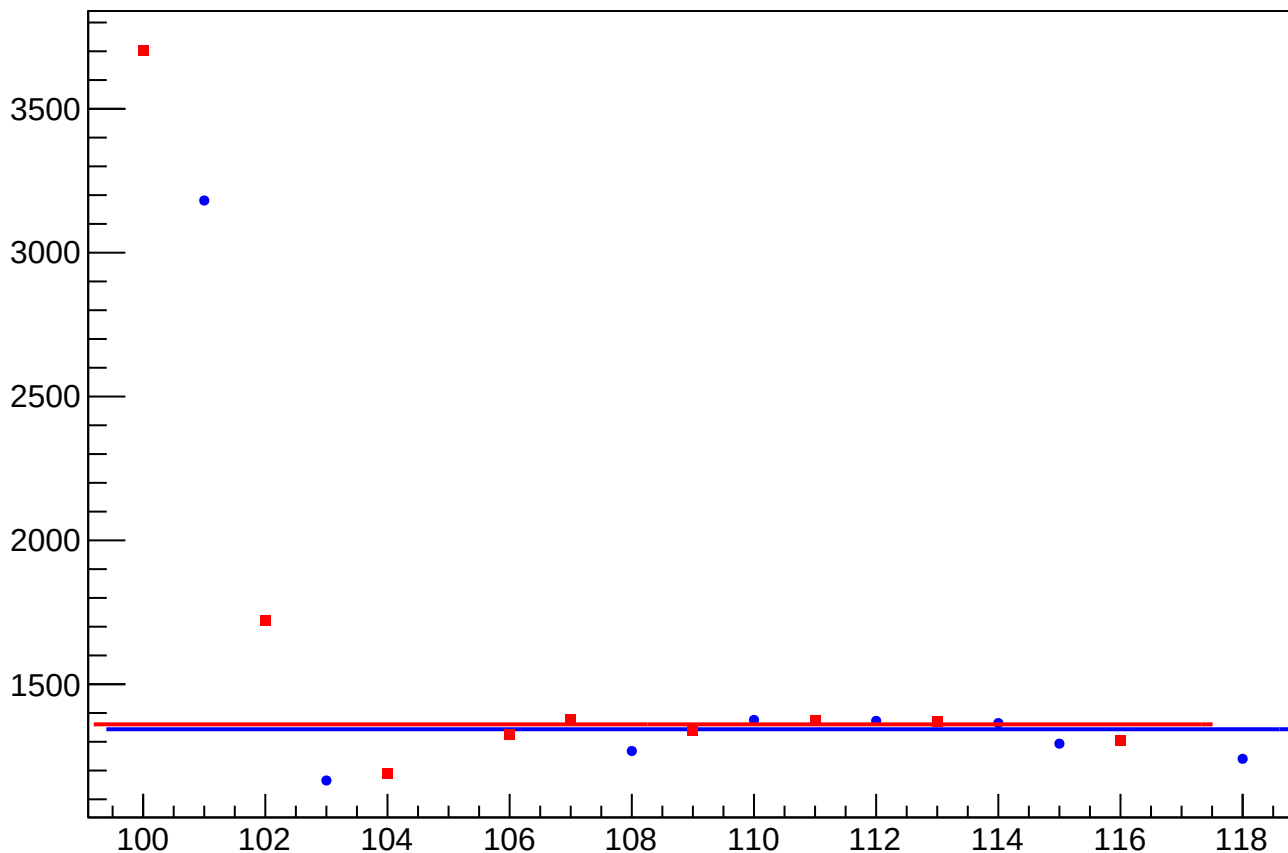
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.393 $\pm$ 540.025 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1343.497 $\pm$ 0.543 χ^2 /NDF: 476053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.542 $\pm$ 0.537 χ^2 /NDF: 123562.7/8

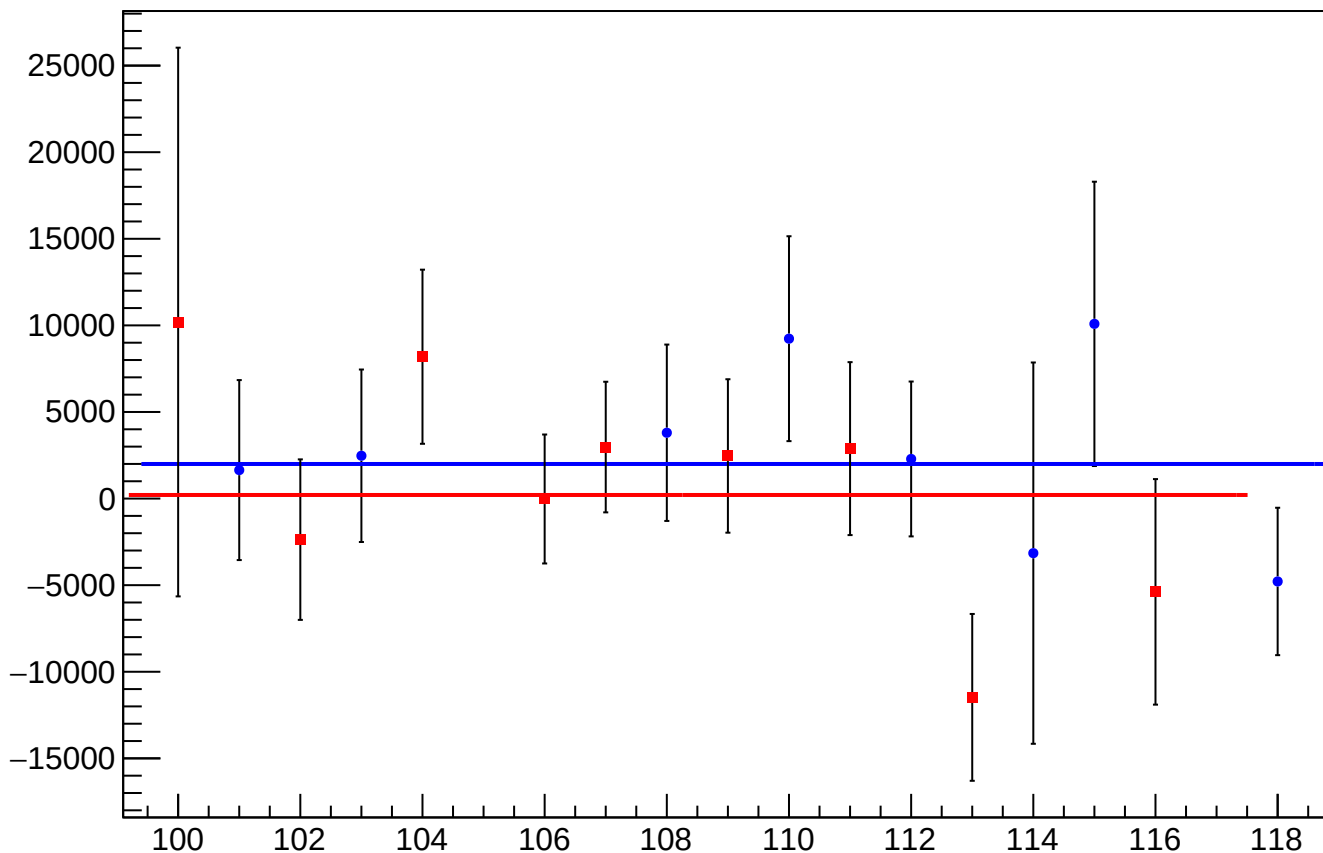
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.116 $\pm$ 0.382 χ^2 /NDF: 600115.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



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: 207.546+/-1600.545 χ^2/NDF : 10.9/8

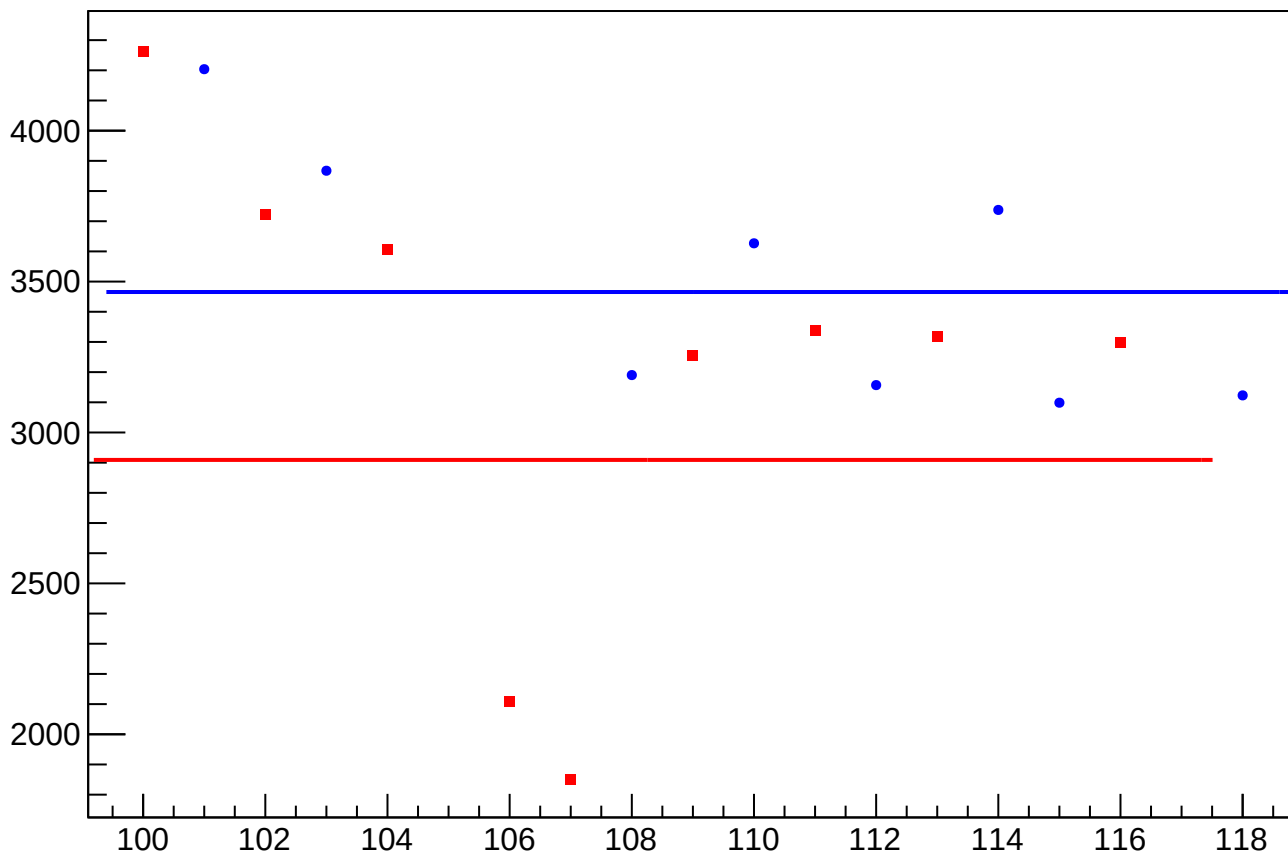
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.831+/-1227.927 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3465.456 $\pm$ 1.354 χ^2 /NDF: 88420.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2909.105 $\pm$ 1.132 χ^2 /NDF: 413925.7/8

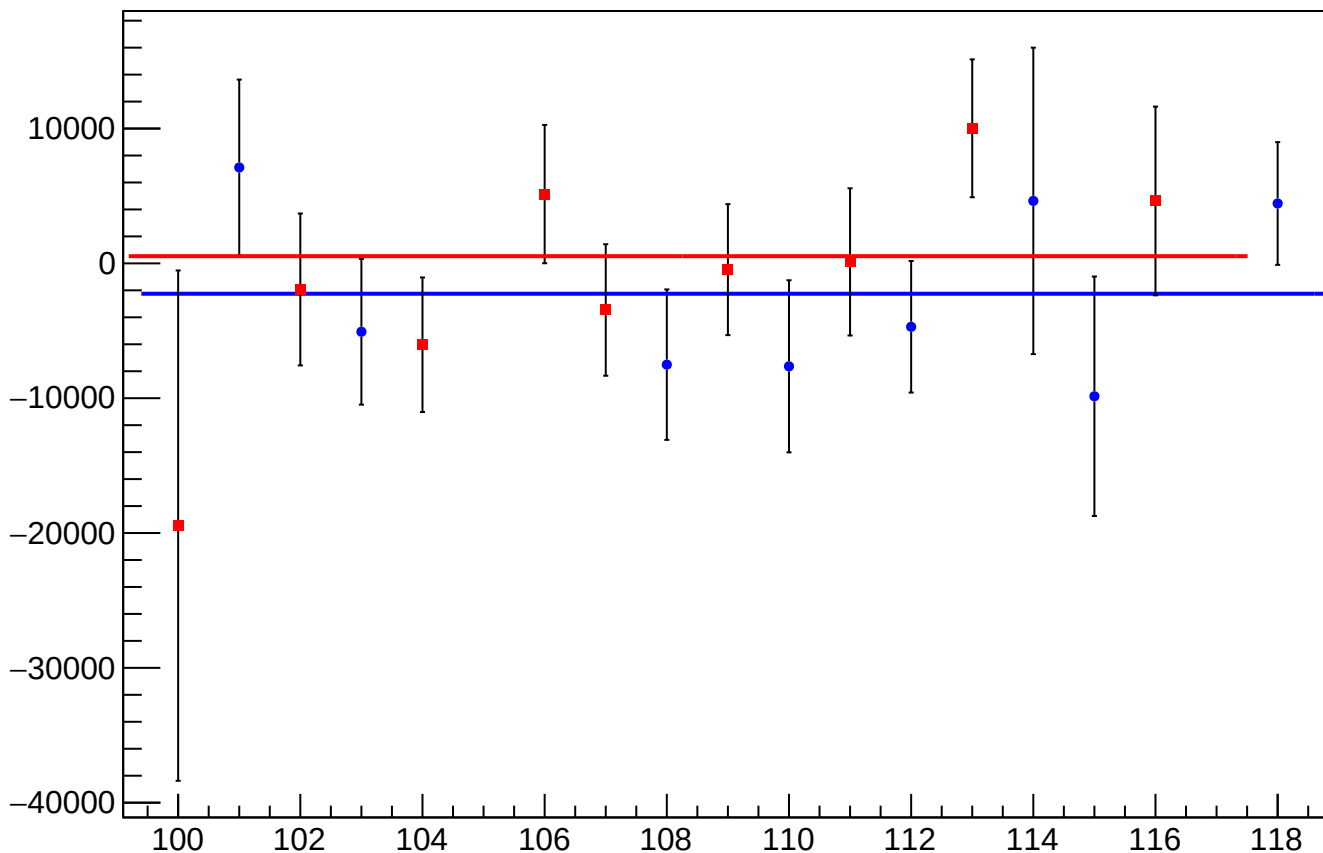
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3137.996 $\pm$ 0.868 χ^2 /NDF: 601765.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -2251.884 $\pm$ 2107.518 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 533.002 $\pm$ 1859.879 χ^2 /NDF: 8.3/8

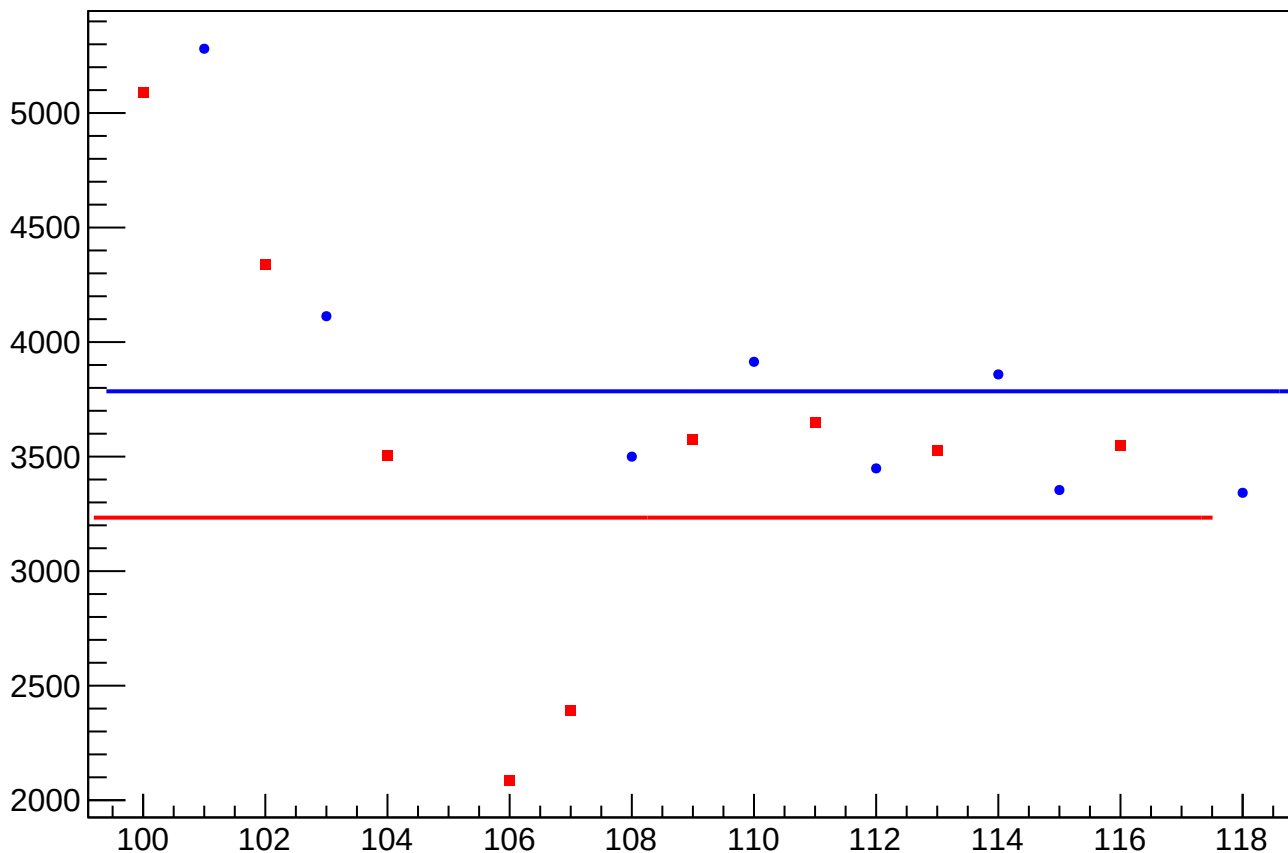
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -686.287 $\pm$ 1394.508 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



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: 3233.605+/-1.281 χ^2/NDF : 334027.3/8

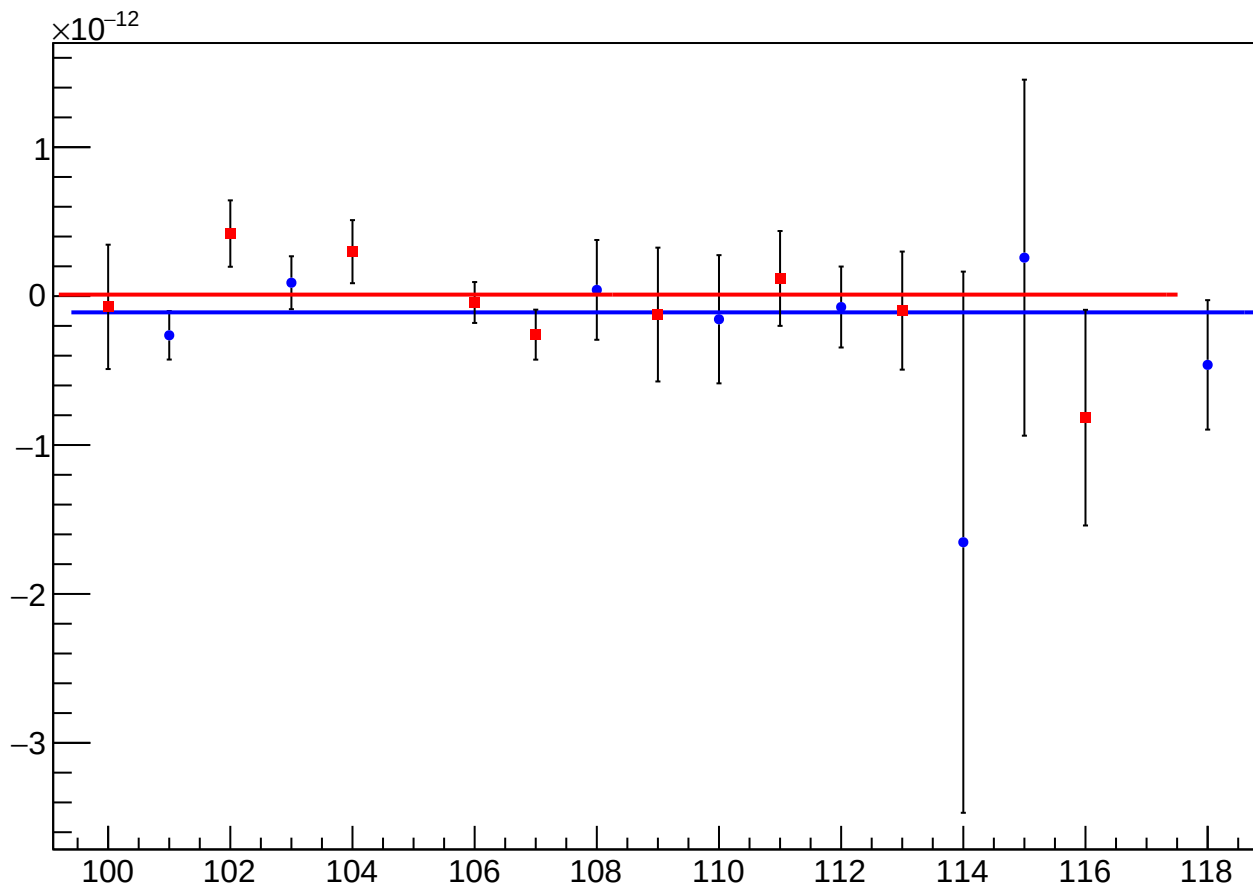
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3467.979+/-0.971 χ^2/NDF : 564760.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug



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 : 9.6/8

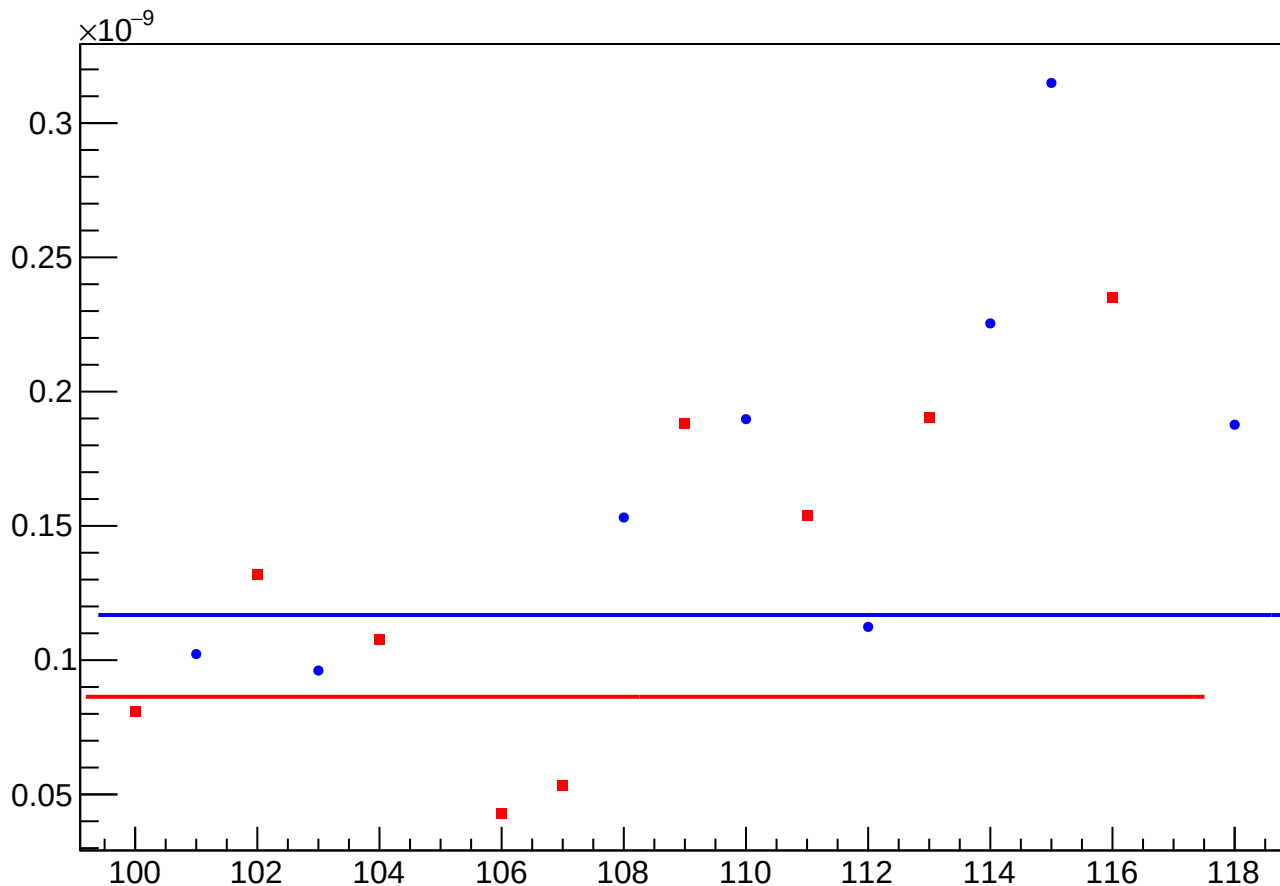
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 239719.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 795761.9/8

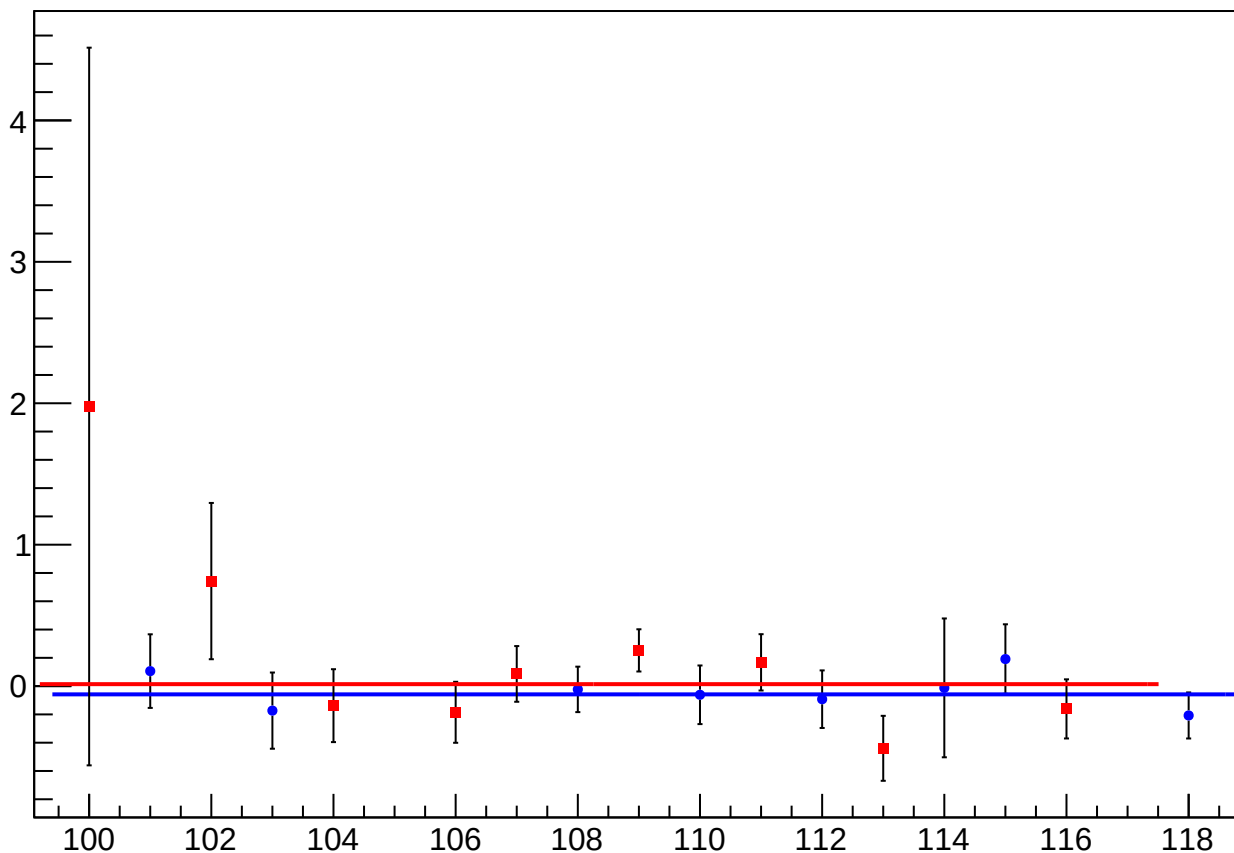
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1151991.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



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: 0.014±/0.075 χ^2 /NDF: 11.4/8

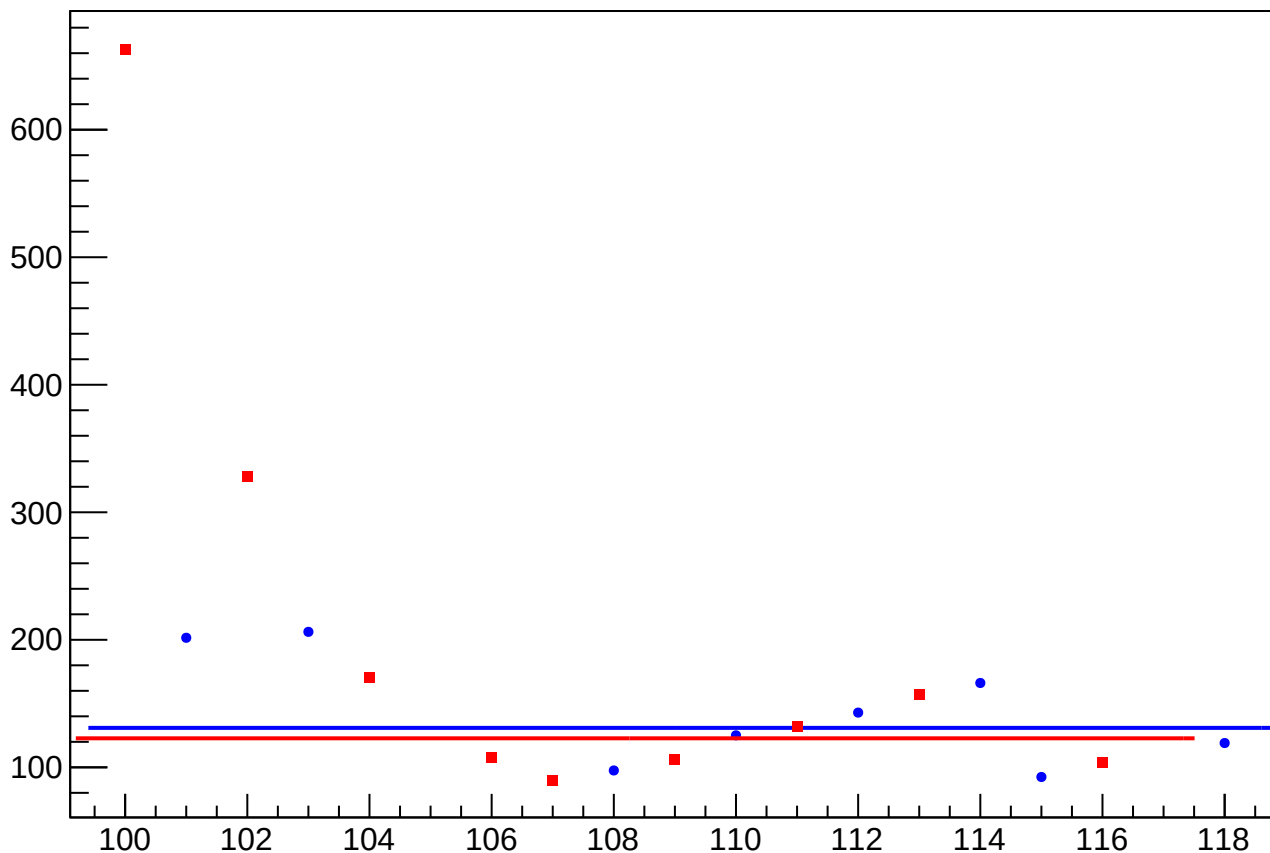
Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

+ sign 0.000±/0.000 χ^2 /NDF: 0.0/0

All: -0.022±/0.053 χ^2 /NDF: 14.4/16

- sign 0.000±/0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug



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: 122.761 $\pm$ 0.053 χ^2 /NDF: 591884.7/8

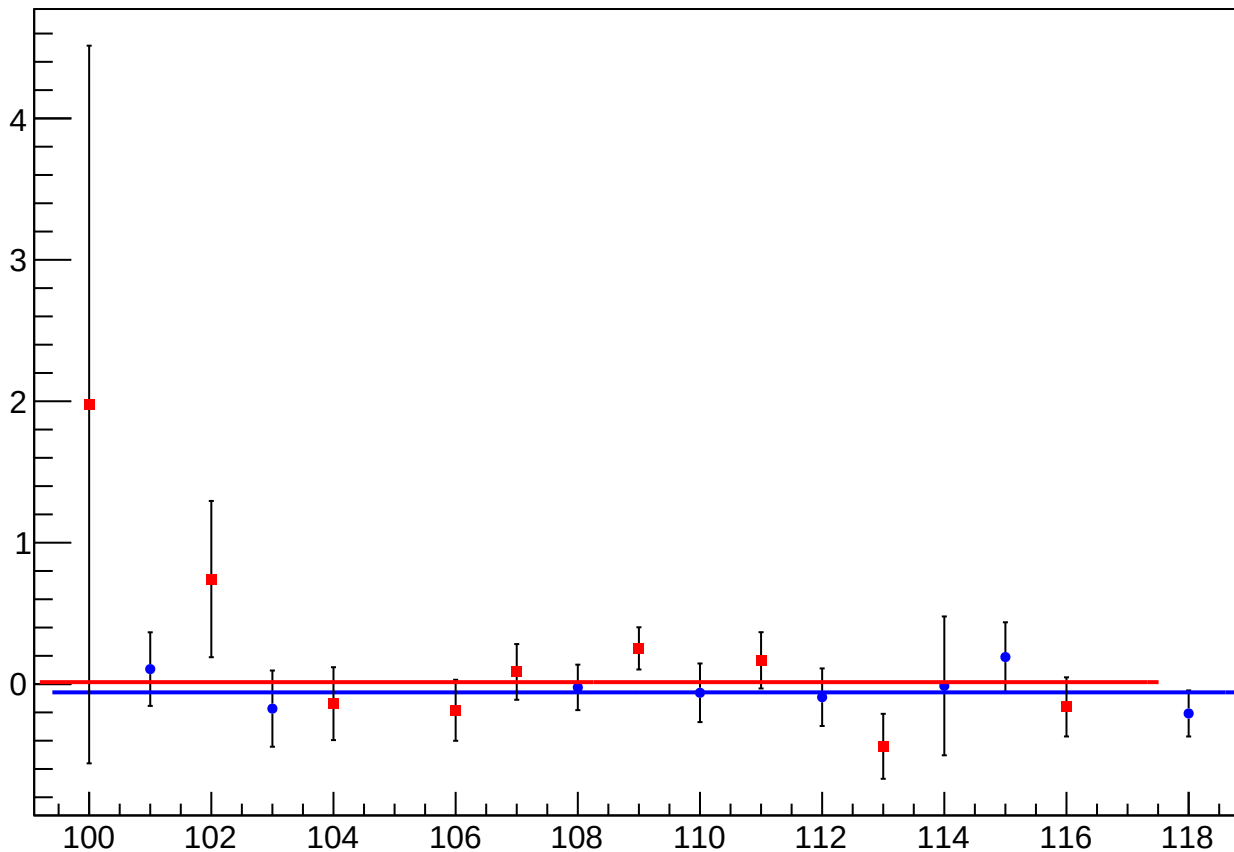
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.802 $\pm$ 0.038 χ^2 /NDF: 1072271.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

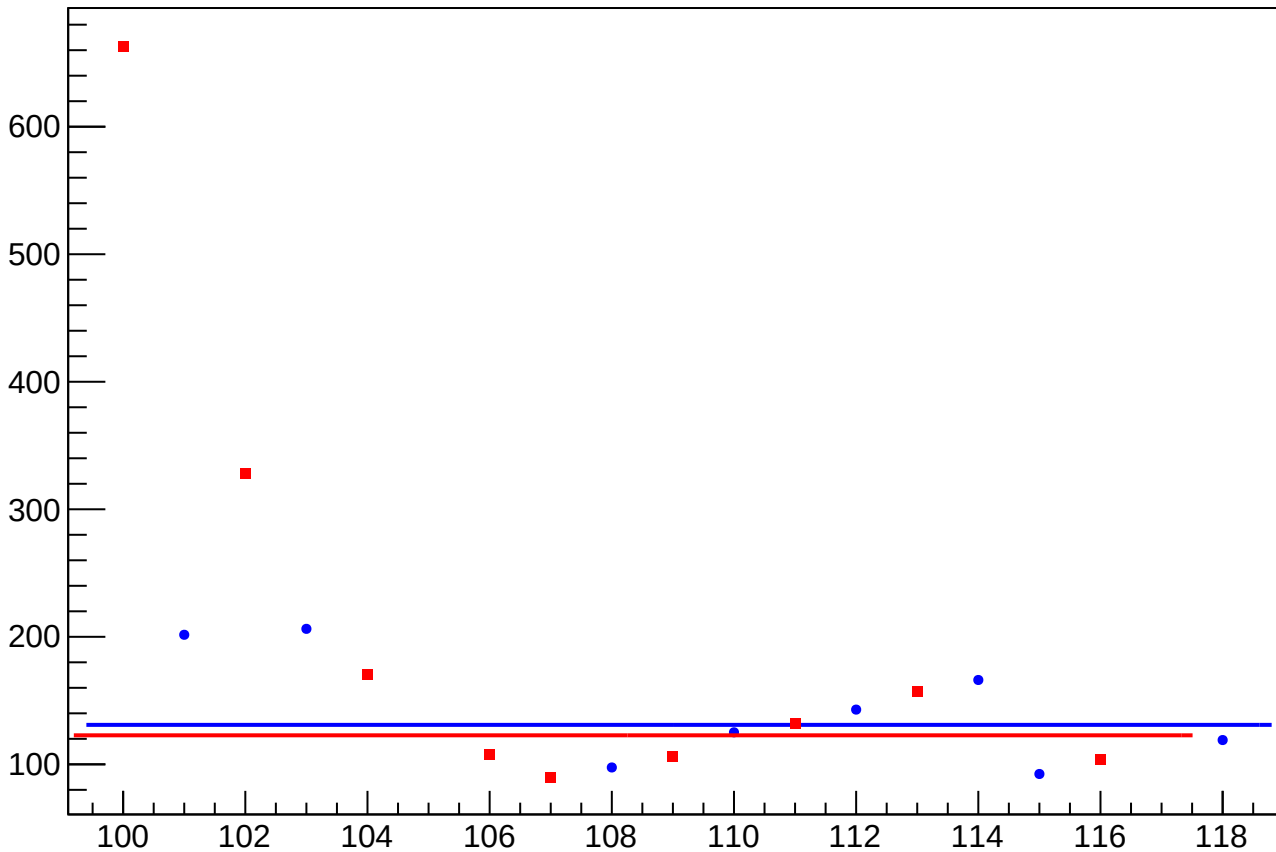
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.761+/-0.053 χ^2/NDF : 591884.7/8

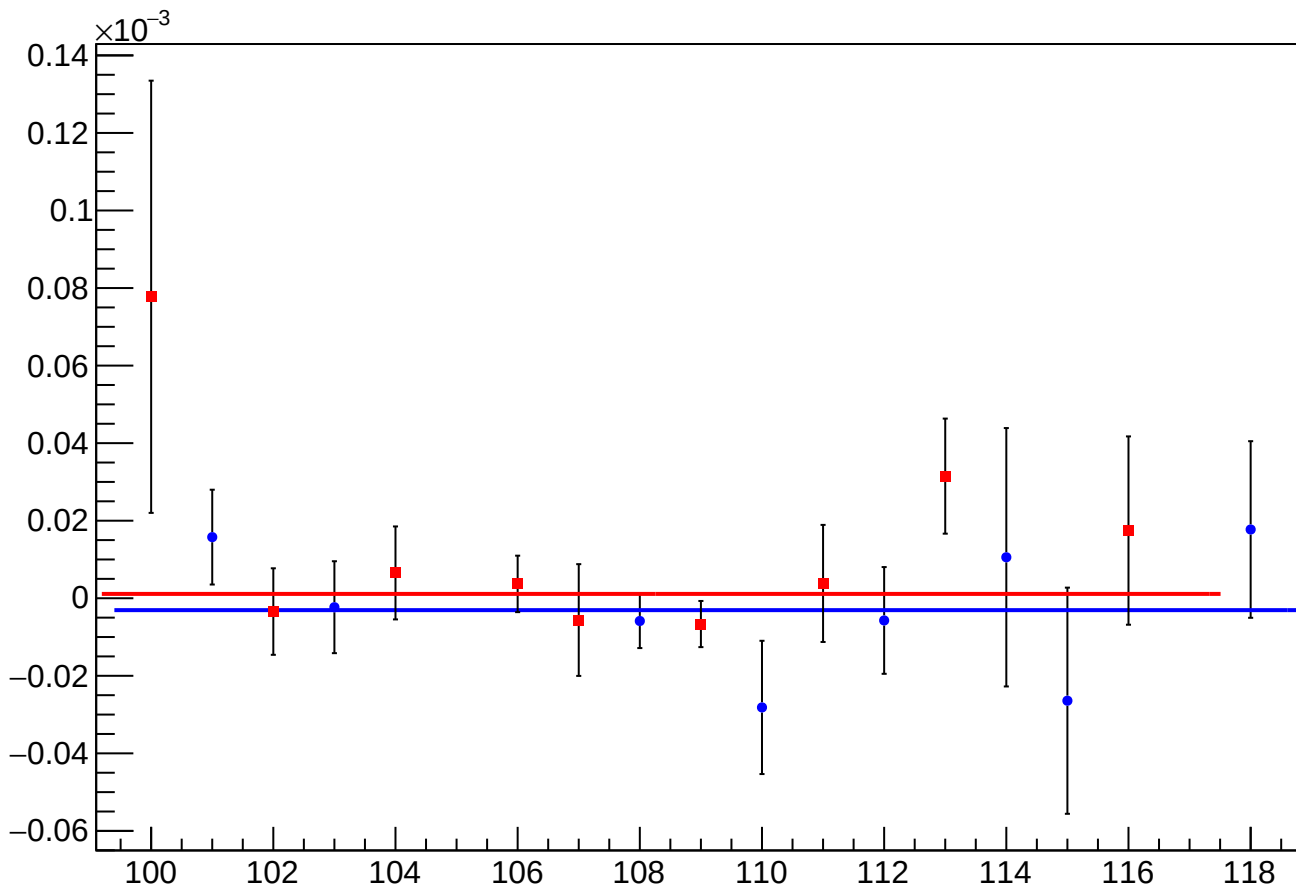
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.802+/-0.038 χ^2/NDF : 1072271.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.0/8

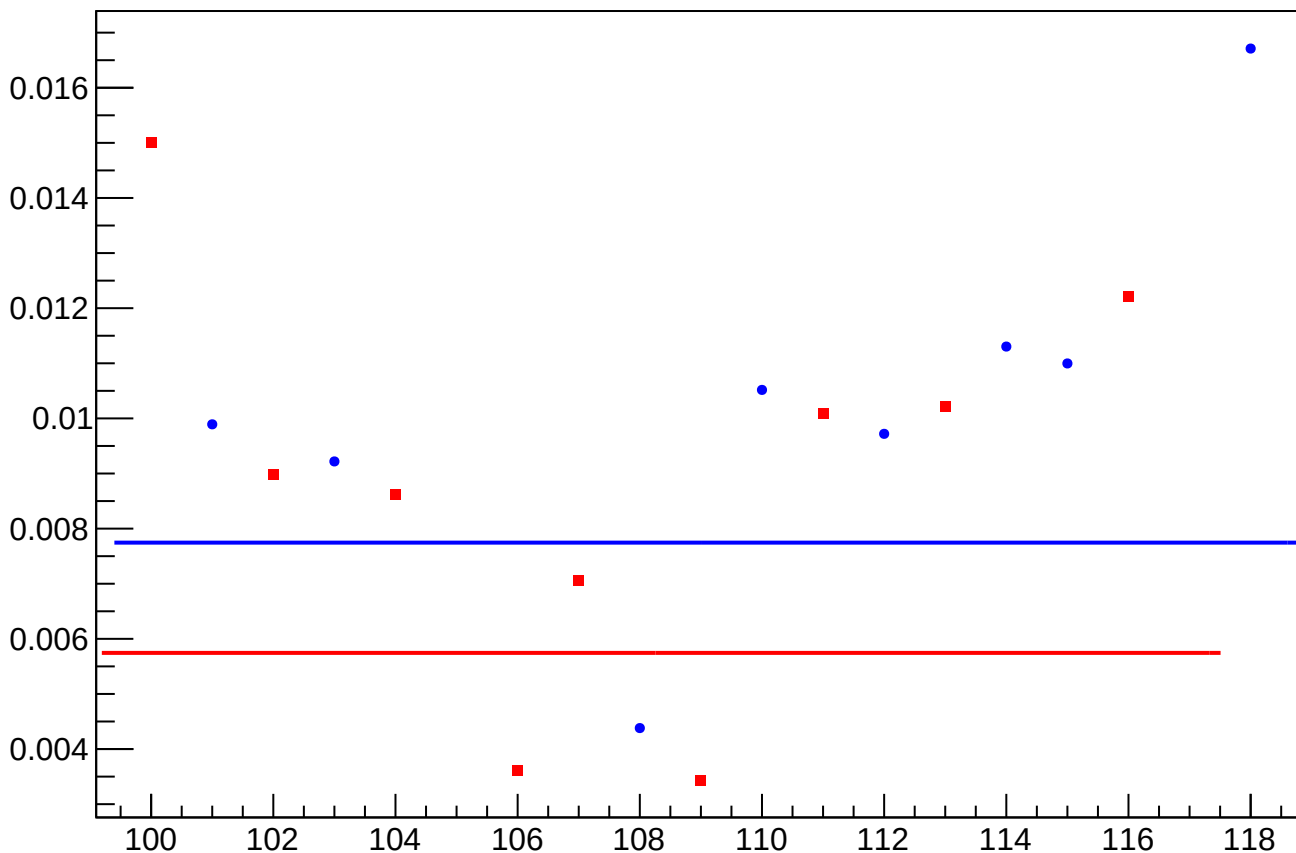
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1318996.0/8

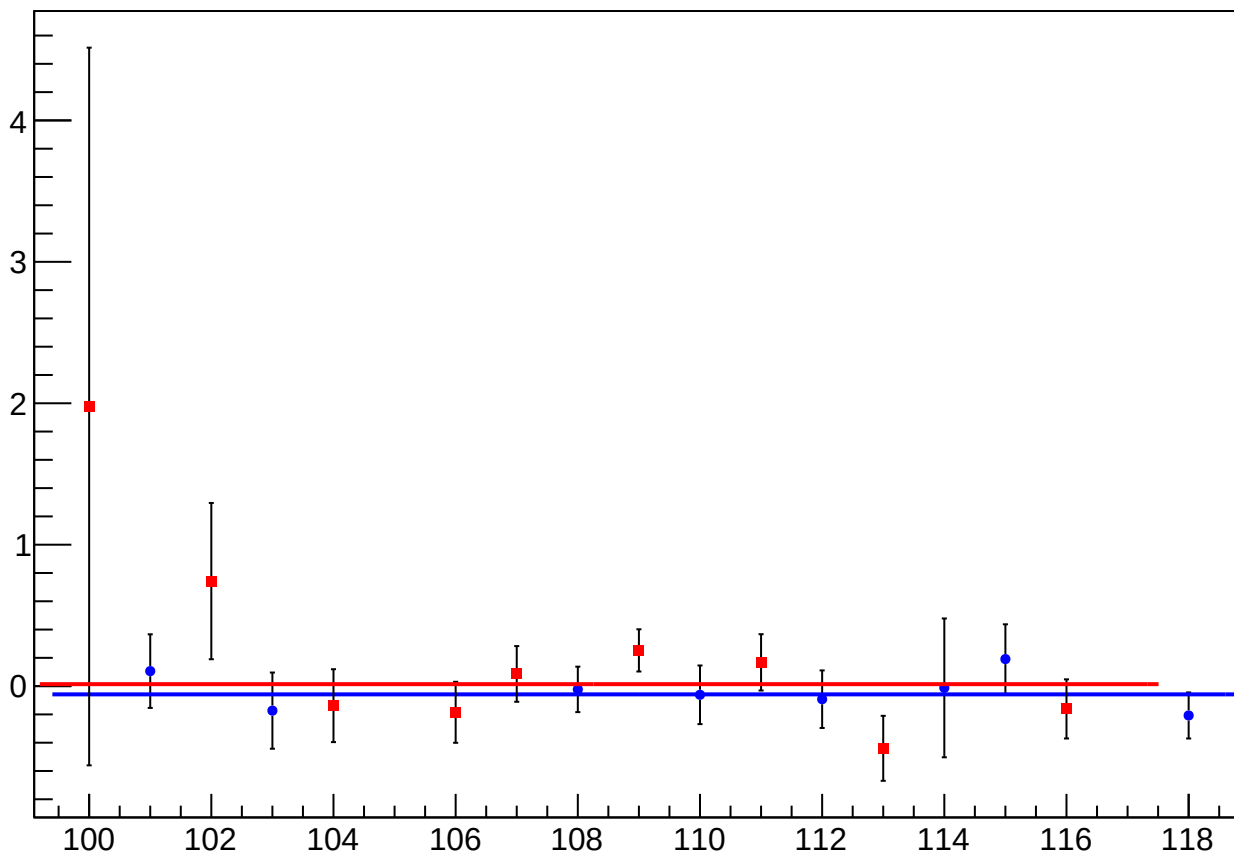
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2561128.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.014+/-0.075 χ^2/NDF : 11.4/8

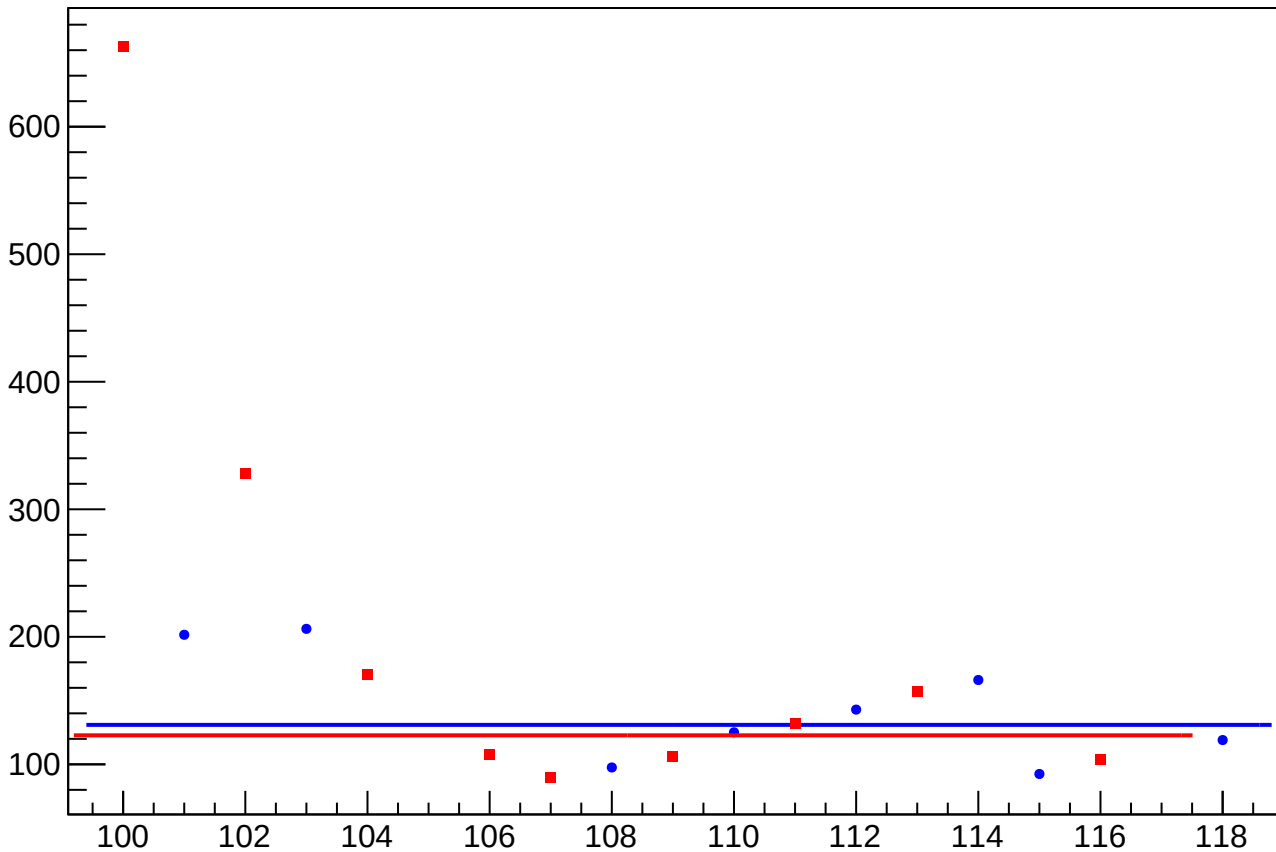
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.053 χ^2/NDF : 14.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 122.763+/-0.053 χ^2/NDF : 591838.6/8

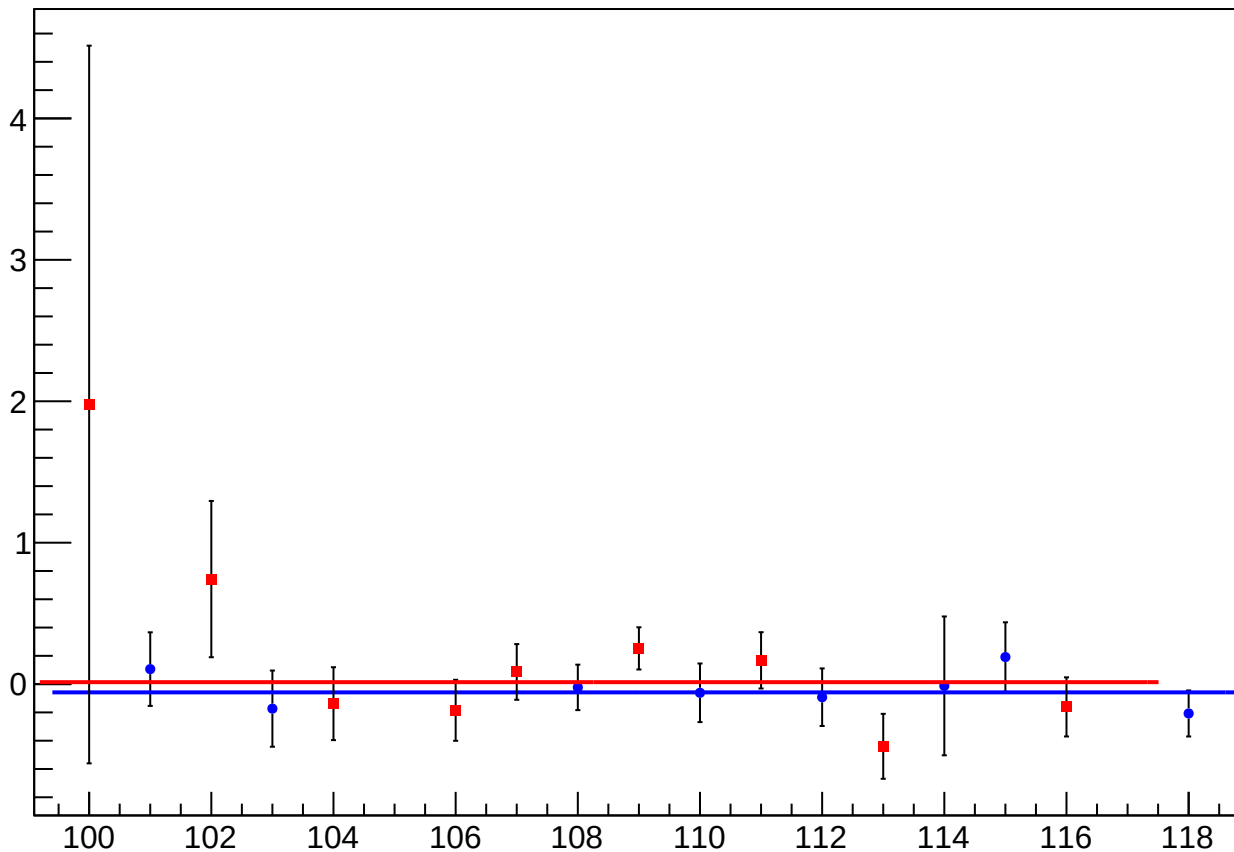
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.804+/-0.038 χ^2/NDF : 1072186.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.014 $\pm$ 0.075 χ^2 /NDF: 11.4/8

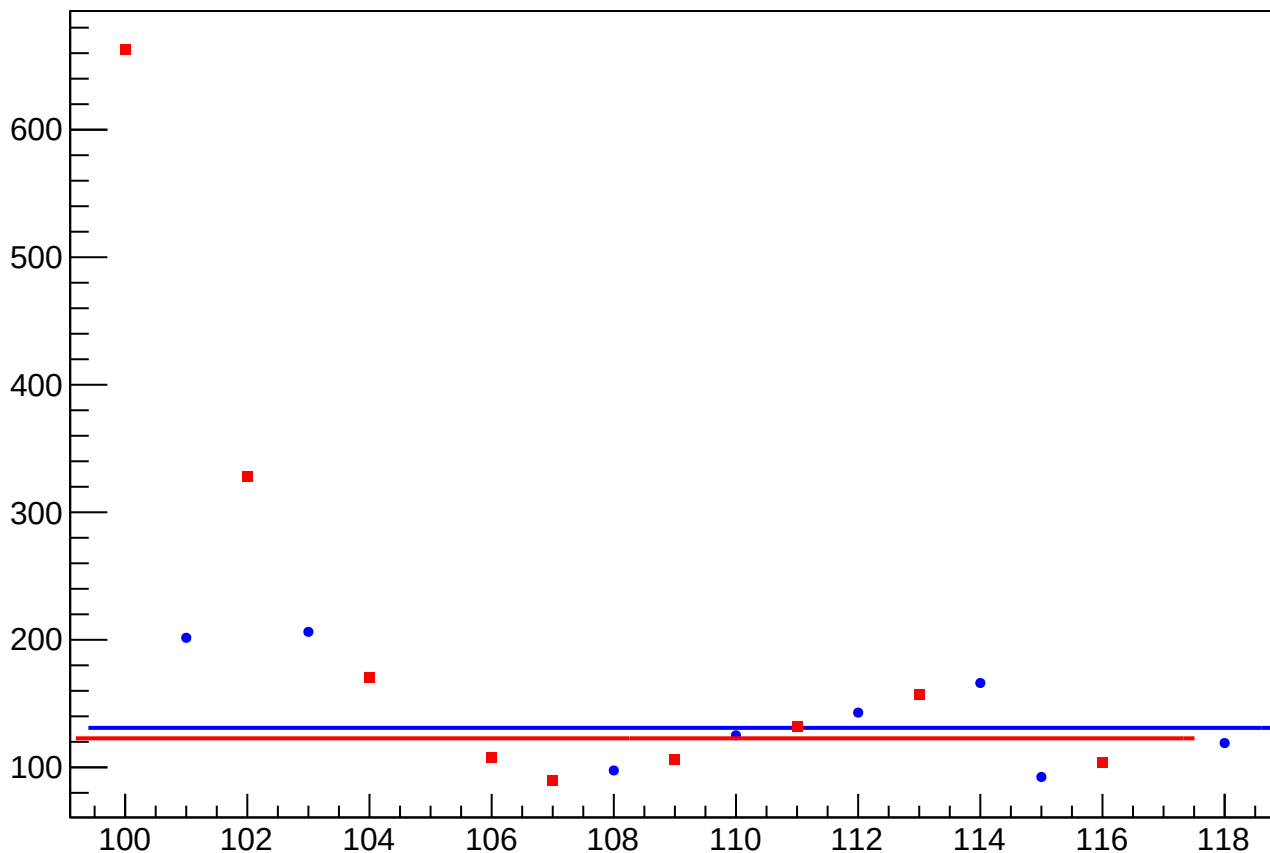
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.053 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 122.763+/-0.053 χ^2/NDF : 591838.6/8

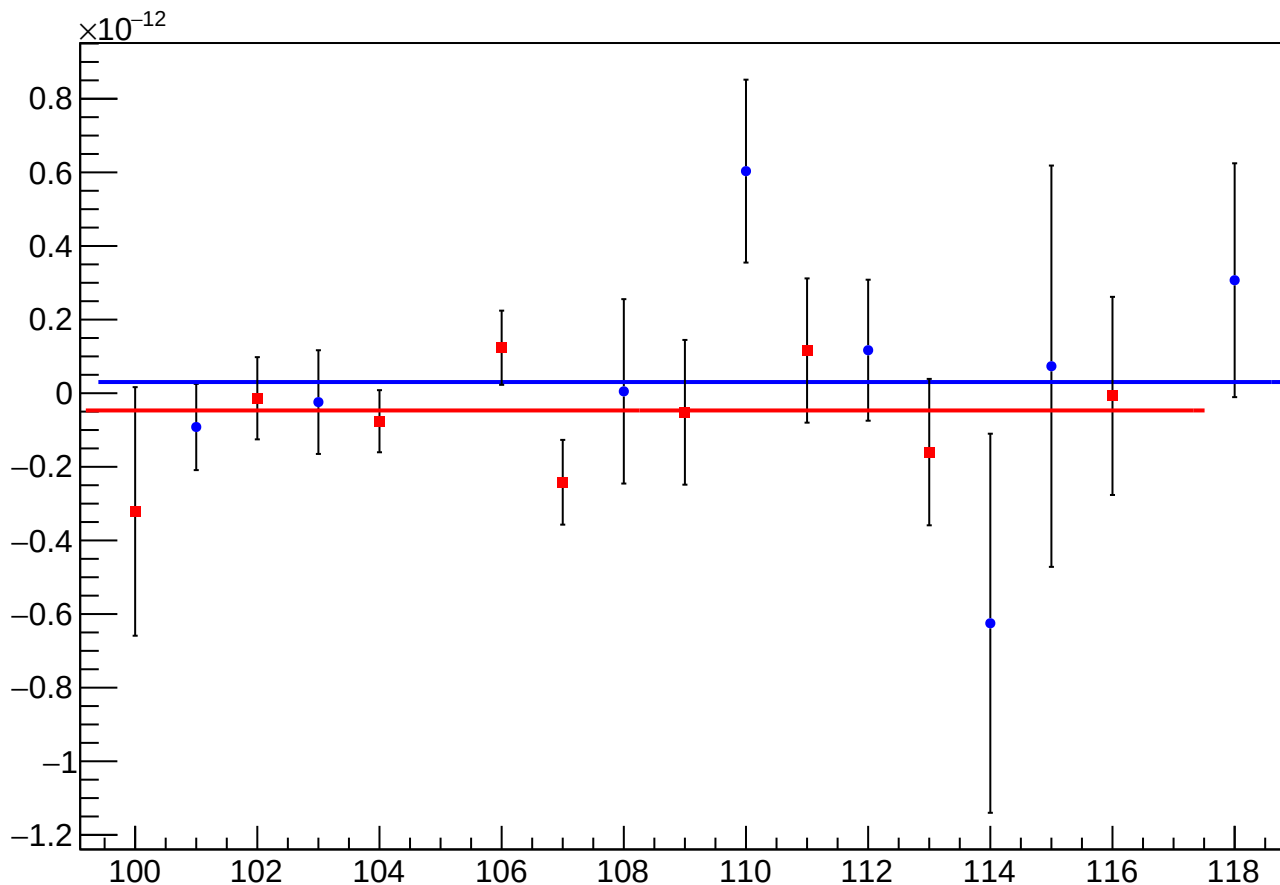
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.804+/-0.038 χ^2/NDF : 1072186.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



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: 7.6/8

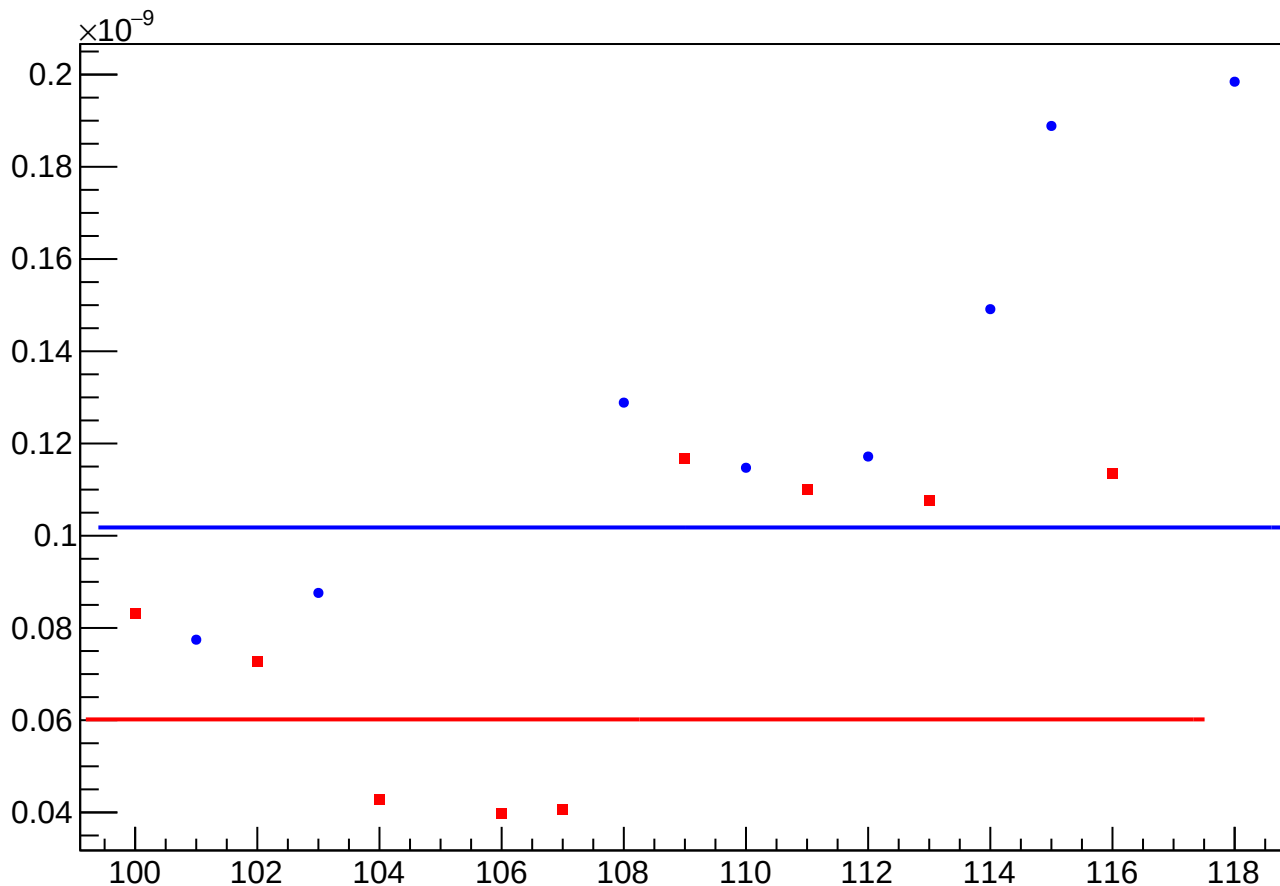
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 745869.5/8

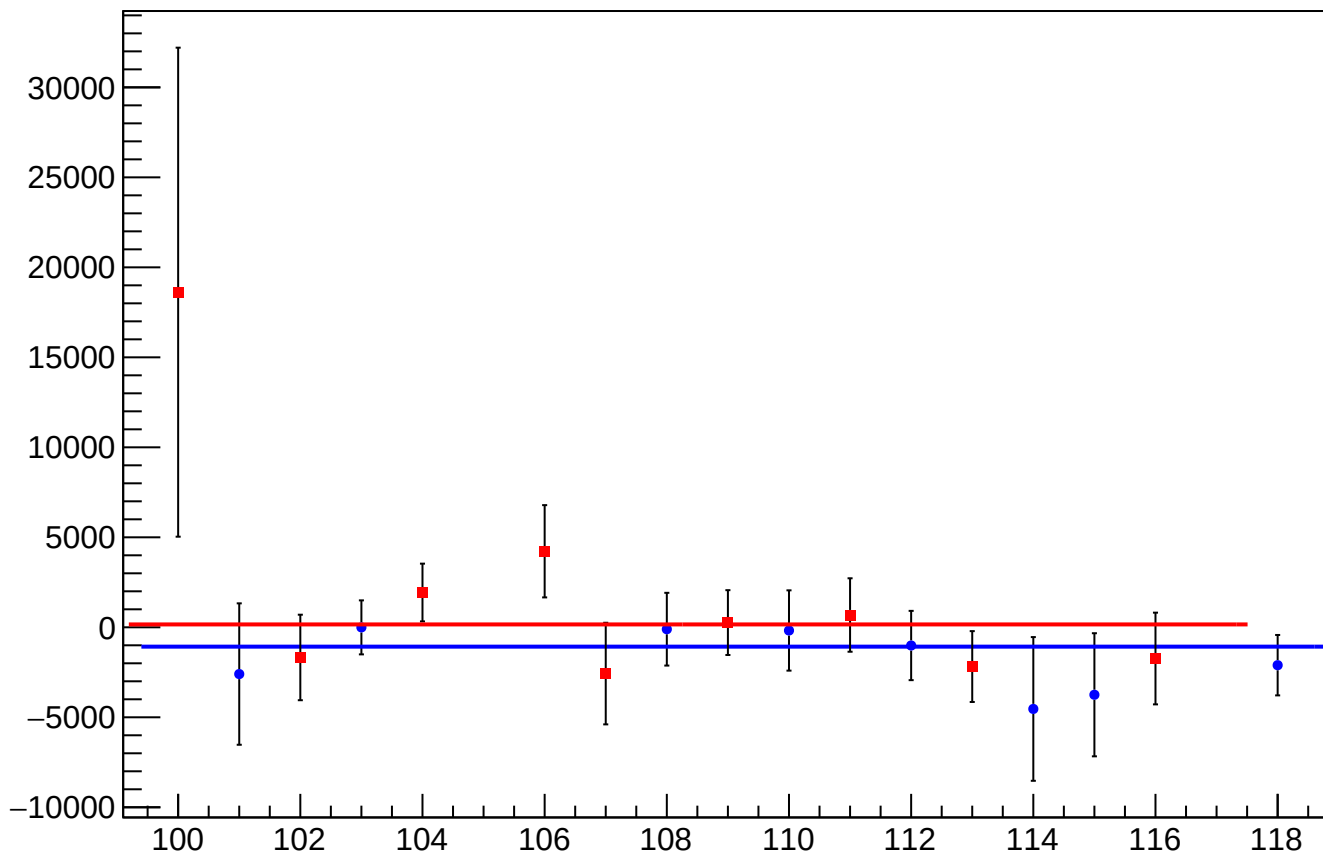
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1640190.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



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: 159.902 $\pm$ 743.470 χ^2 /NDF: 9.1/8

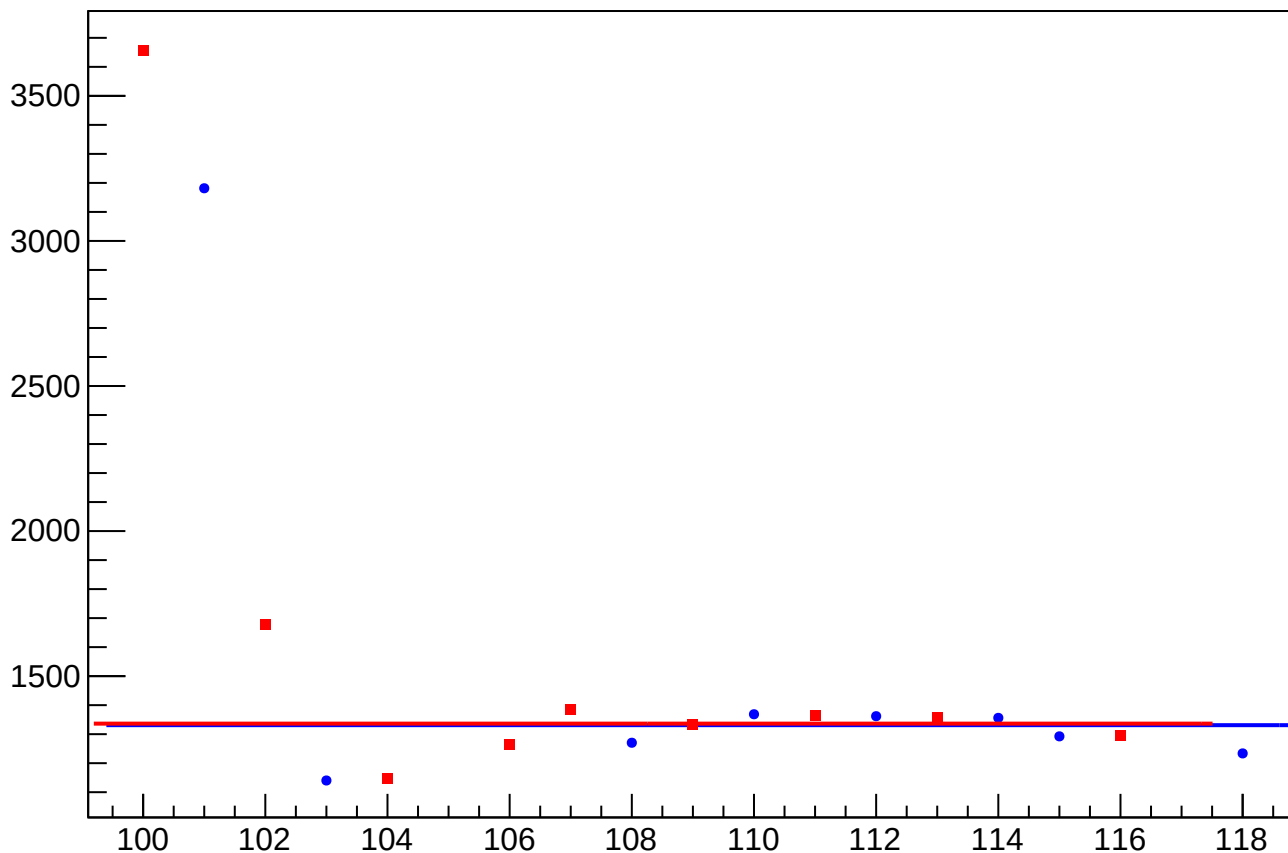
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -443.122 $\pm$ 531.708 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



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: 1336.314+/-0.526 χ^2/NDF : 130057.6/8

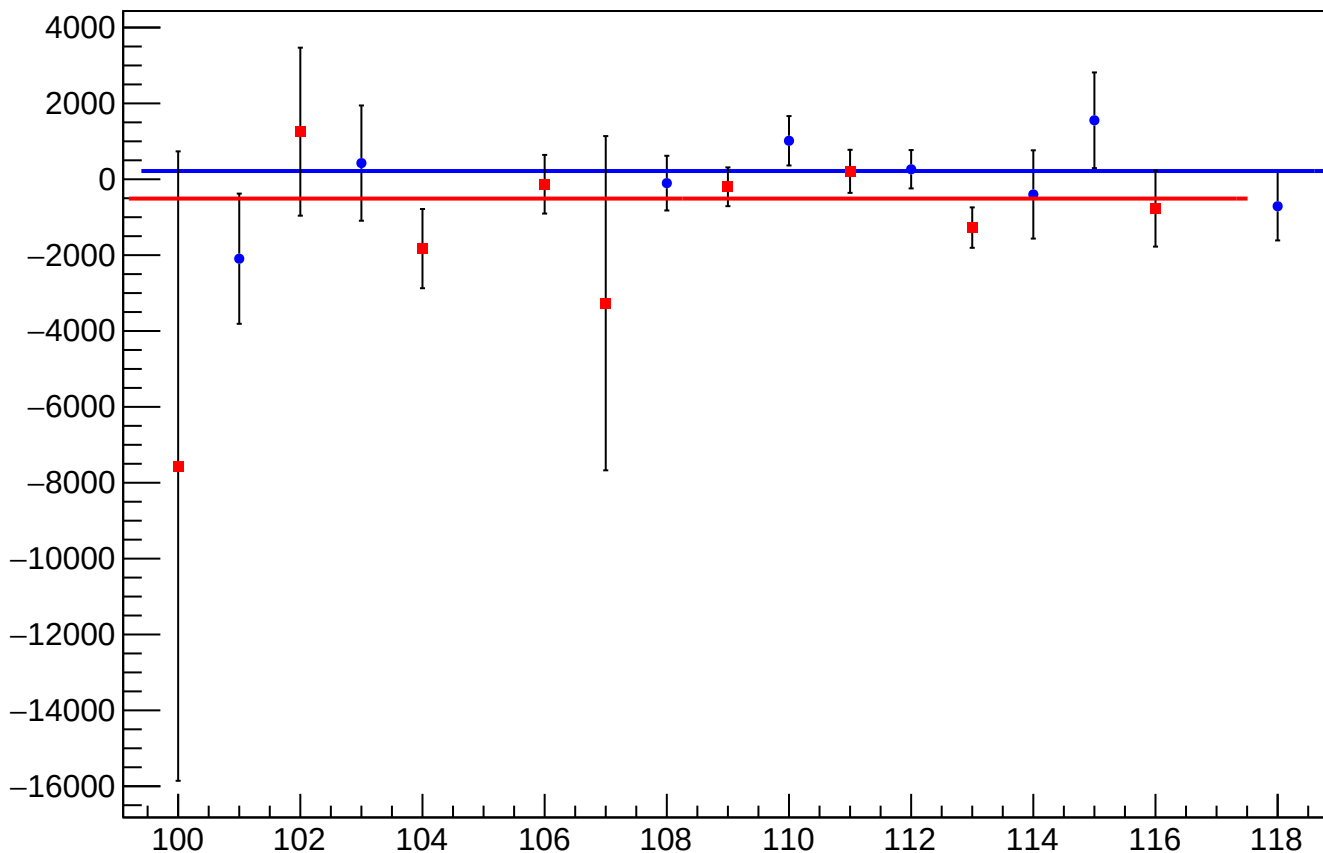
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1333.723+/-0.376 χ^2/NDF : 616119.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 217.358 $\pm$ 294.011 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -508.939 $\pm$ 264.319 χ^2 /NDF: 7.7/8

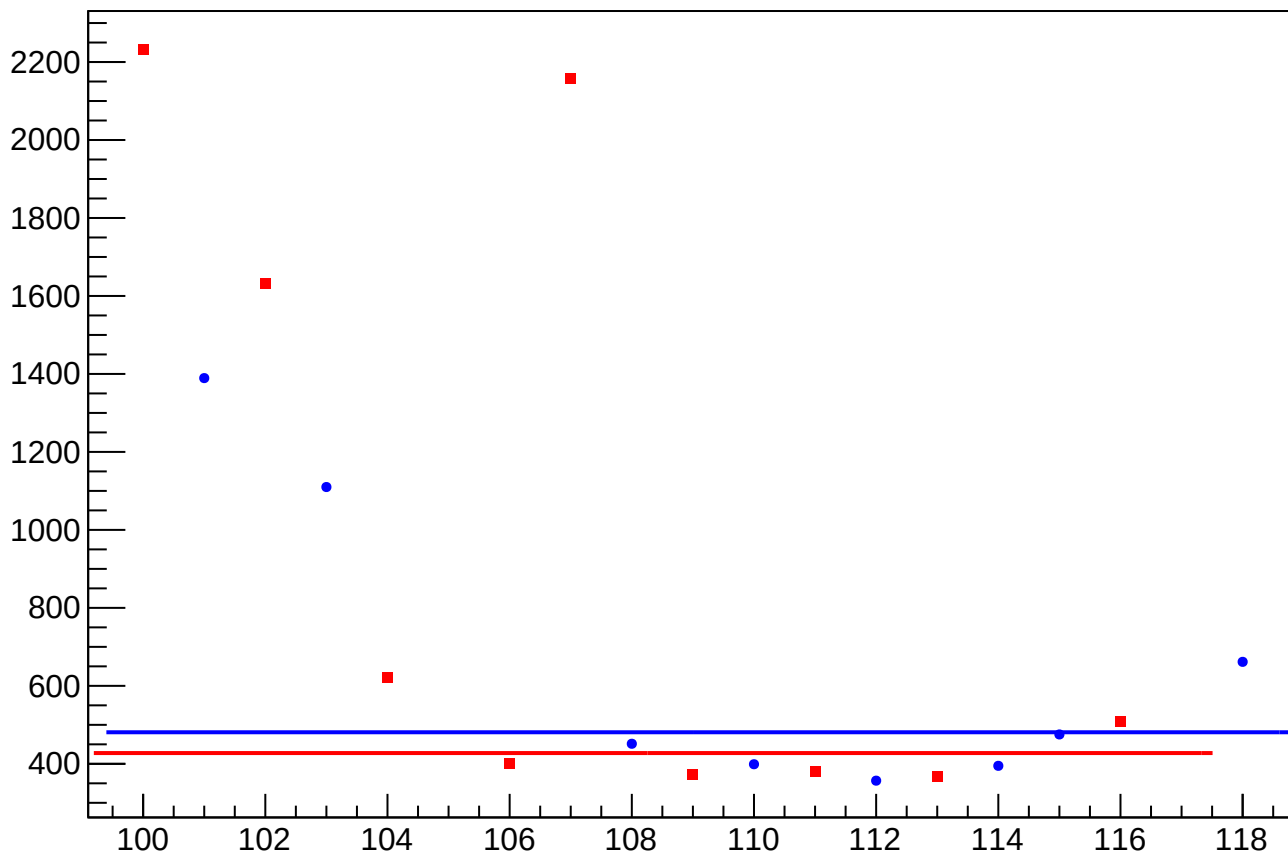
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -184.307 $\pm$ 196.564 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



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: 427.631+/-0.187 χ^2/NDF : 1141939.1/8

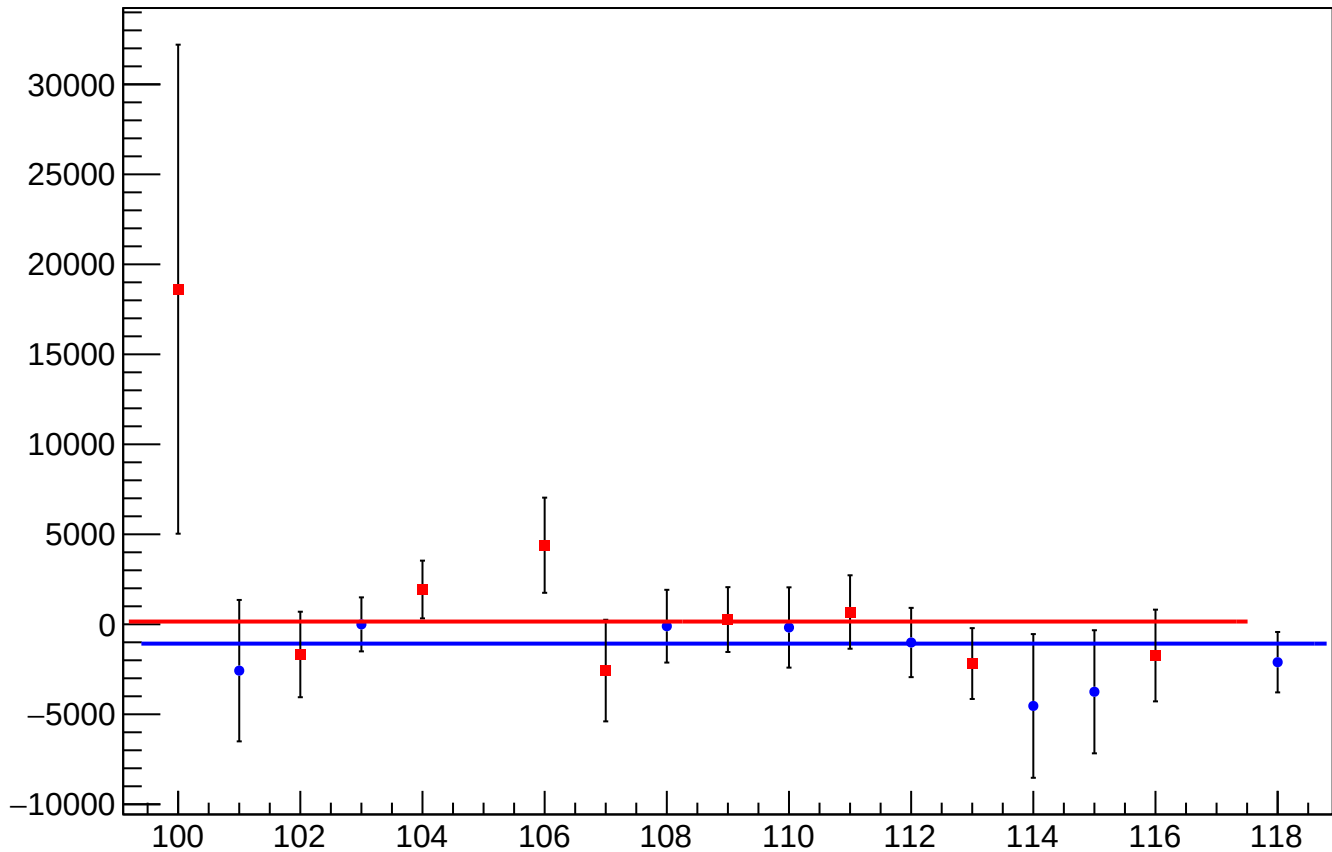
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.463+/-0.139 χ^2/NDF : 2328347.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1073.568 $\pm$ 760.725 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.882 $\pm$ 745.348 χ^2 /NDF: 9.2/8

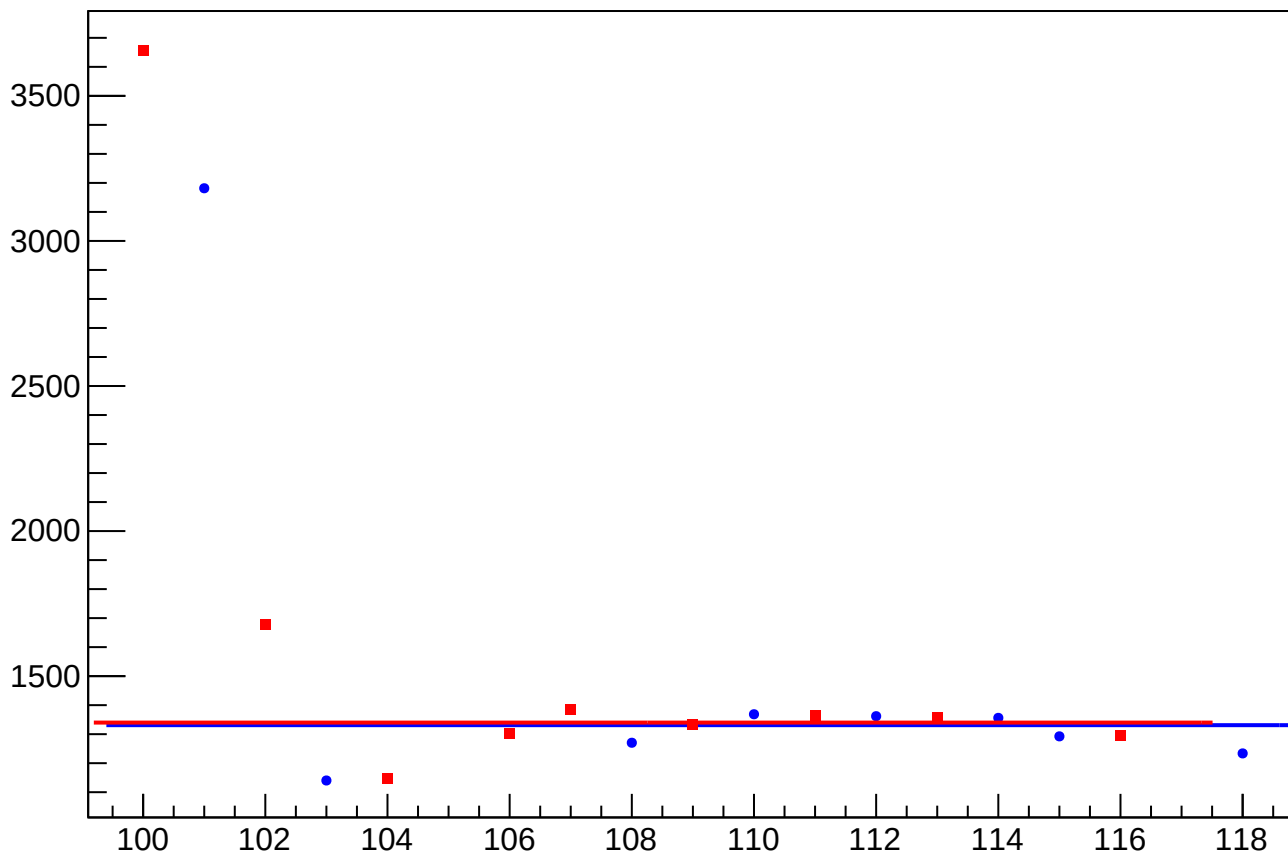
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -447.822 $\pm$ 532.394 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



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: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

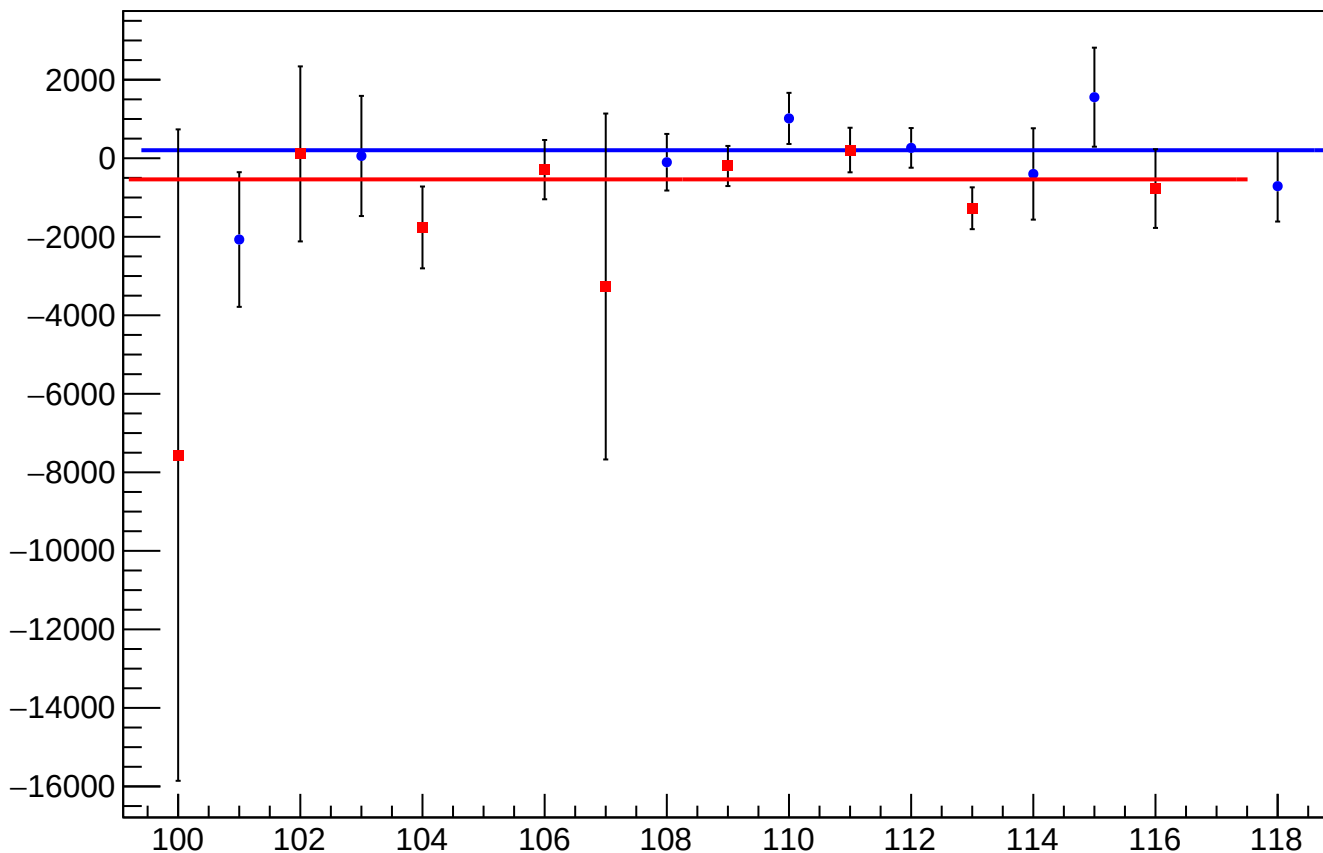
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.559+/-0.376 χ^2/NDF : 614833.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: 204.307 $\pm$ 294.088 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -538.313 $\pm$ 263.562 χ^2 /NDF: 6.8/8

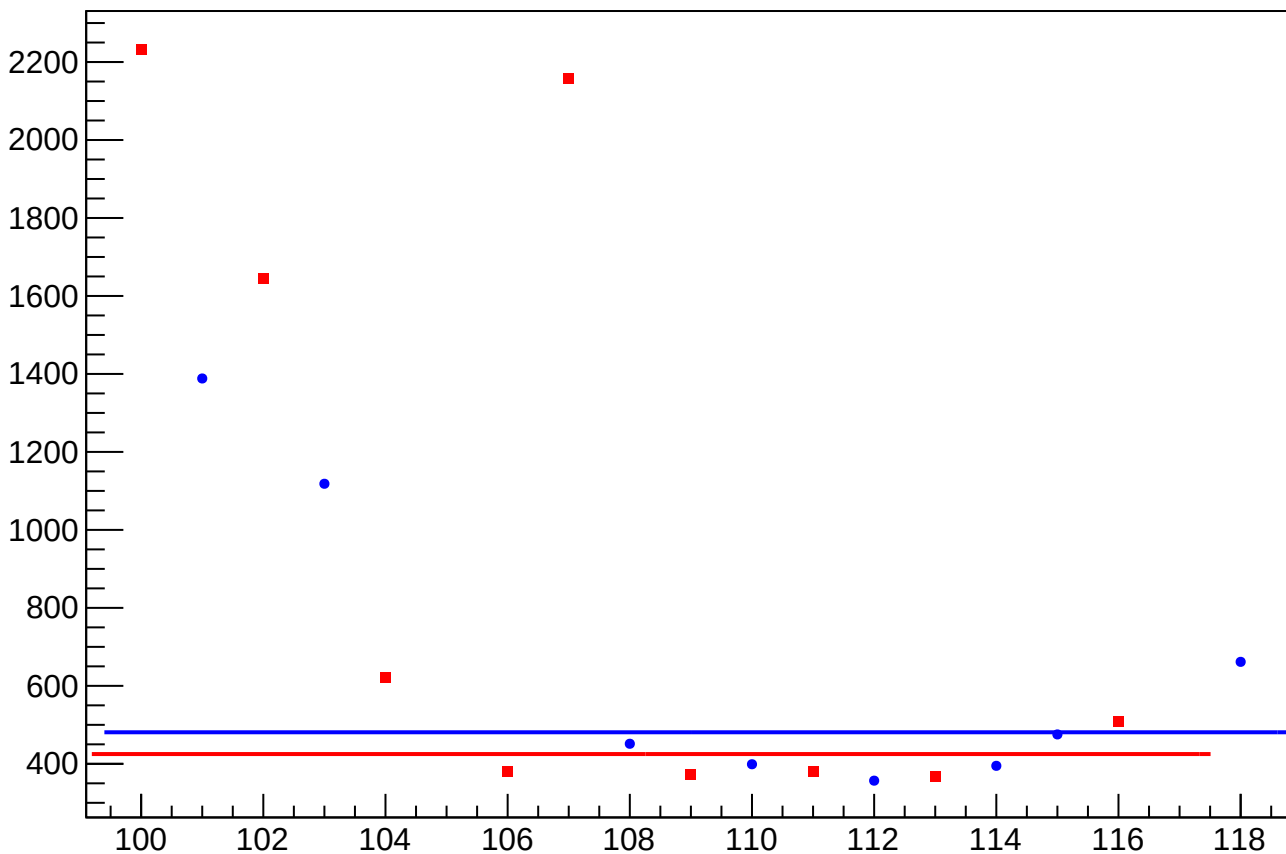
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.532 $\pm$ 196.274 χ^2 /NDF: 16.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



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: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

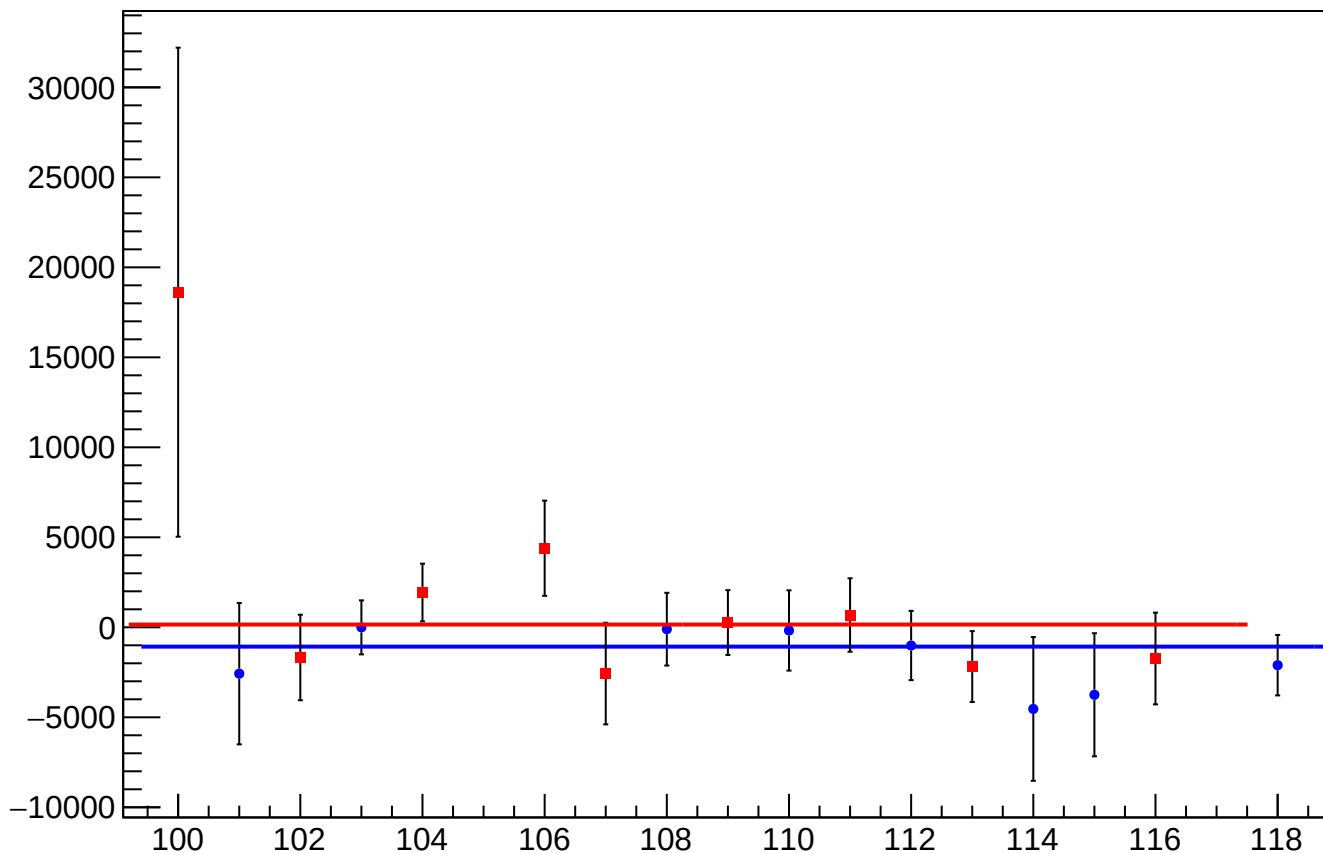
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.956+/-0.139 χ^2/NDF : 2347358.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1073.568 $\pm$ 760.725 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.882 $\pm$ 745.348 χ^2 /NDF: 9.2/8

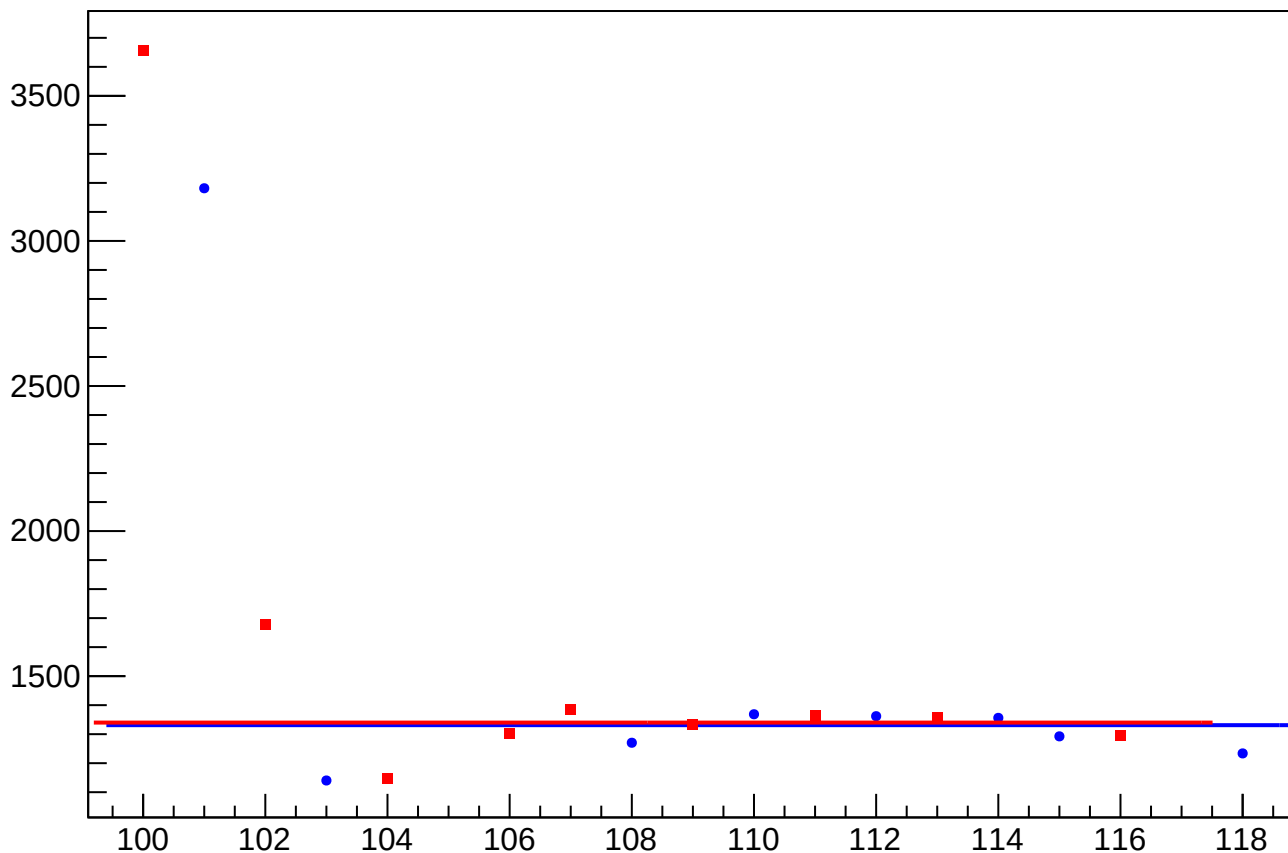
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -447.822 $\pm$ 532.394 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



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: 1339.927+/-0.527 χ^2/NDF : 128679.5/8

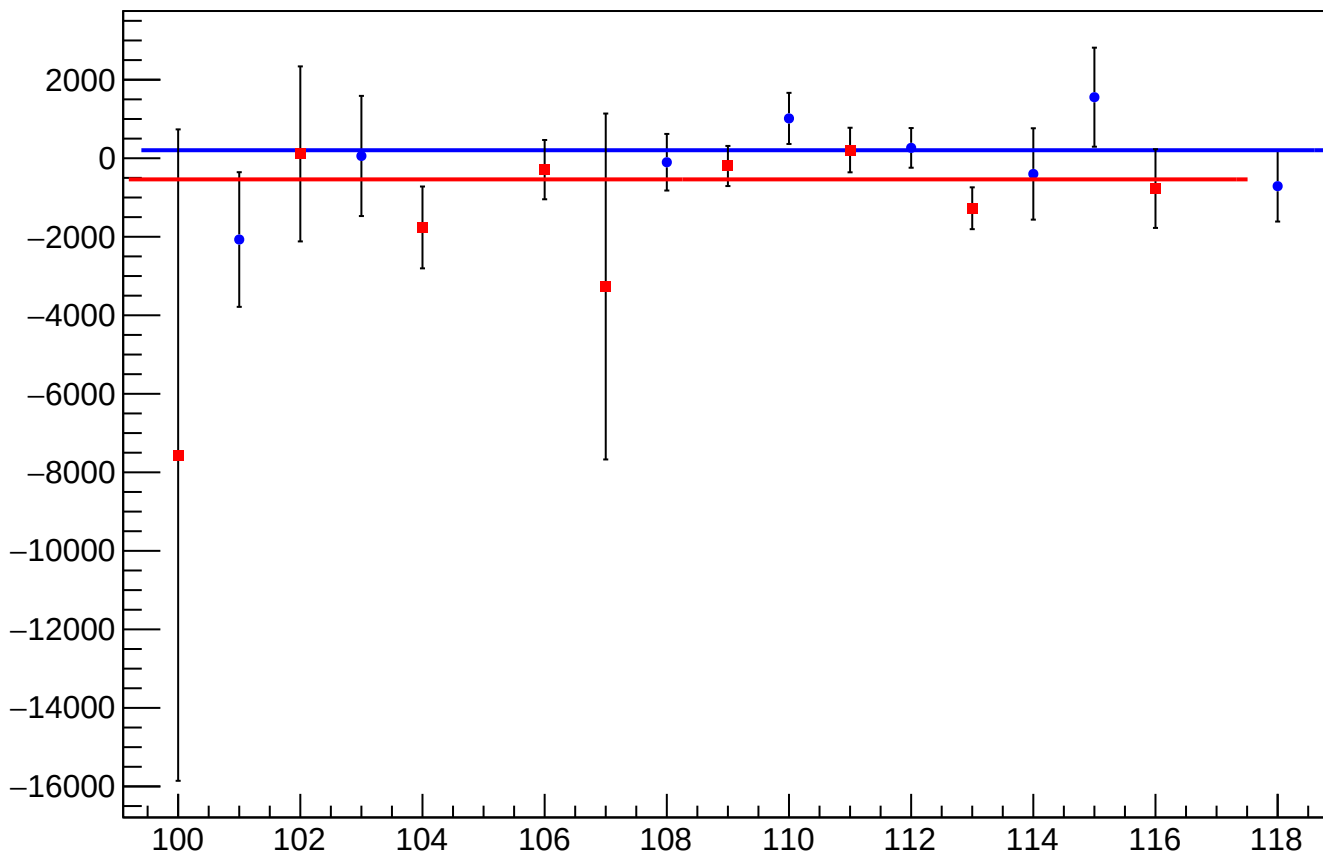
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1335.559+/-0.376 χ^2/NDF : 614833.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 204.307 $\pm$ 294.088 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -538.313 $\pm$ 263.562 χ^2 /NDF: 6.8/8

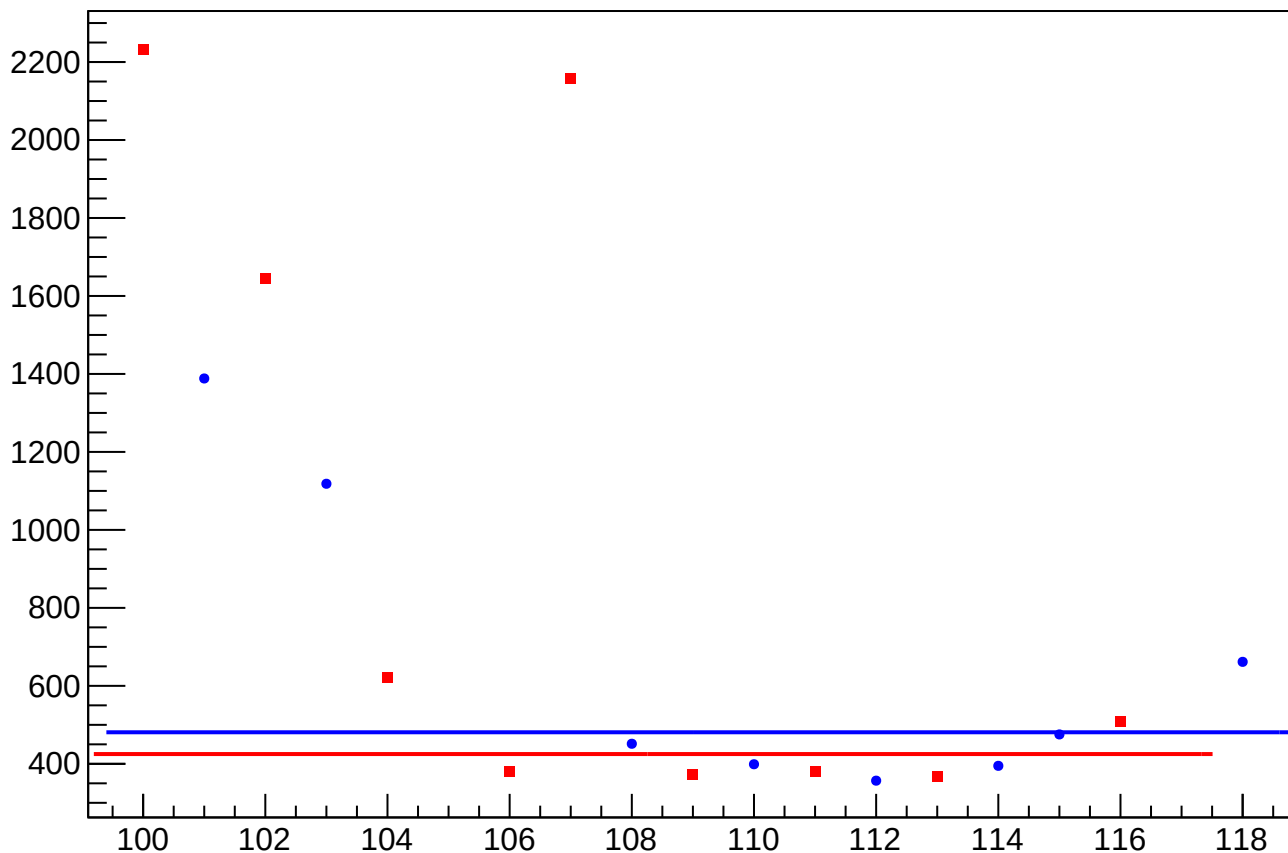
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.532 $\pm$ 196.274 χ^2 /NDF: 16.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



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: 425.082+/-0.186 χ^2/NDF : 1153694.3/8

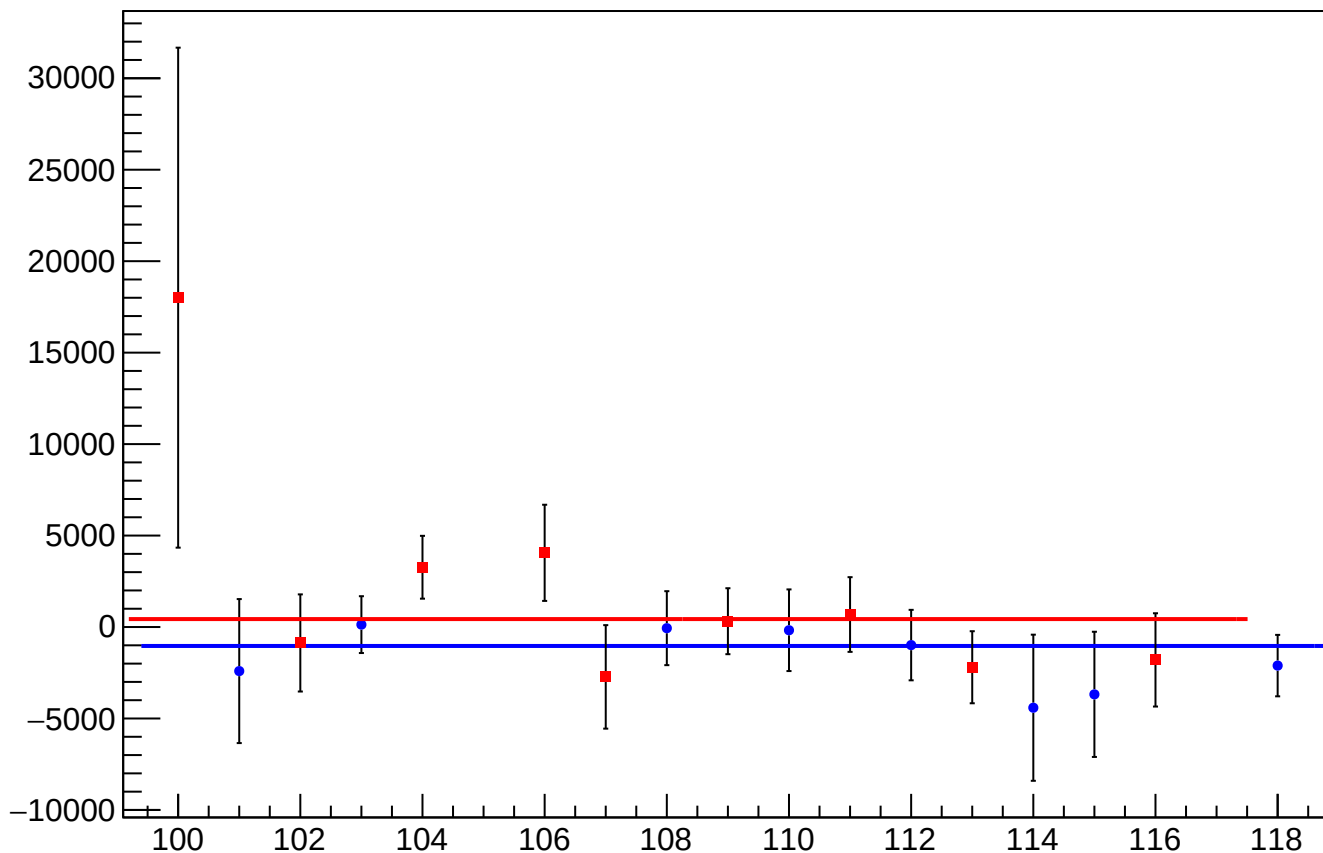
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.956+/-0.139 χ^2/NDF : 2347358.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1034.889 $\pm$ 767.690 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.698 $\pm$ 763.627 χ^2 /NDF: 10.3/8

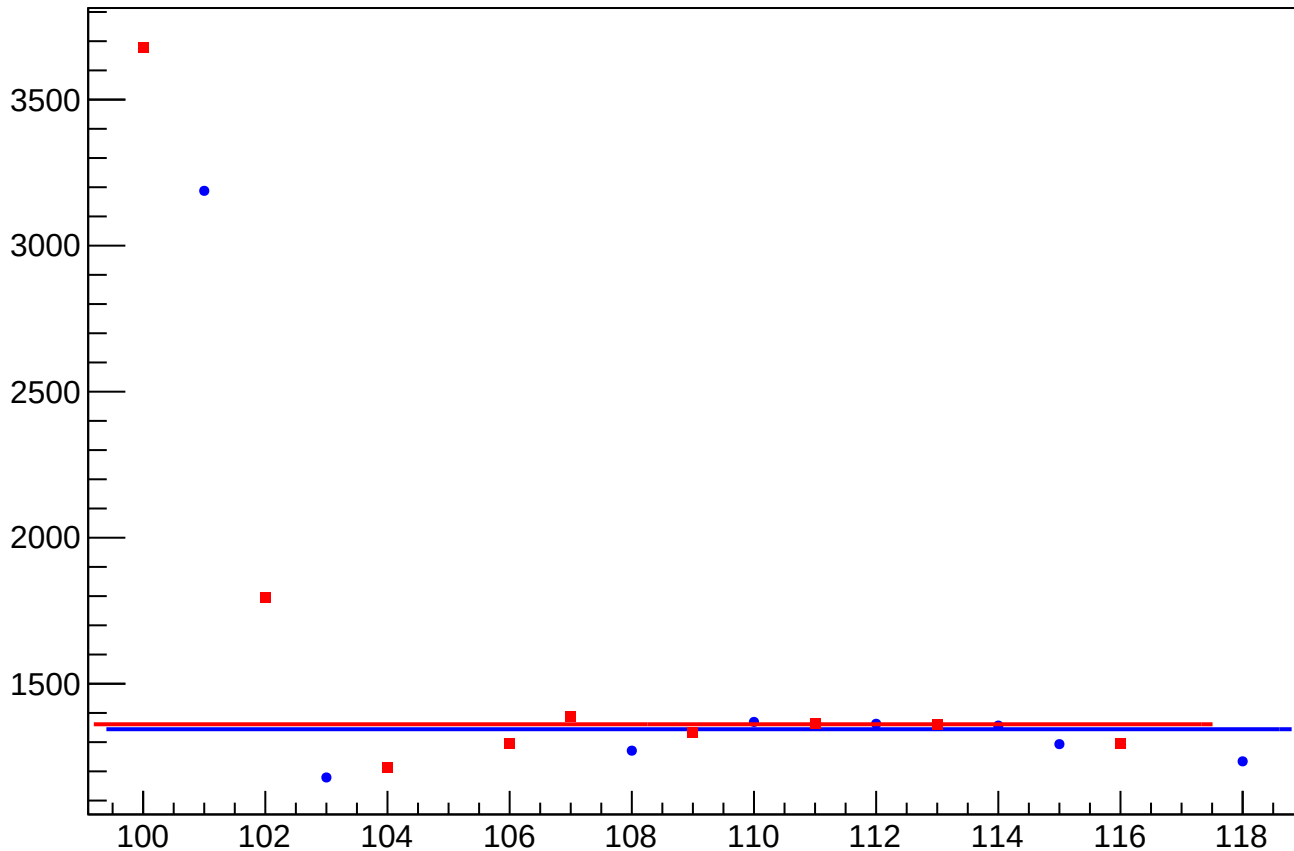
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -296.197 $\pm$ 541.397 χ^2 /NDF: 15.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



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: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

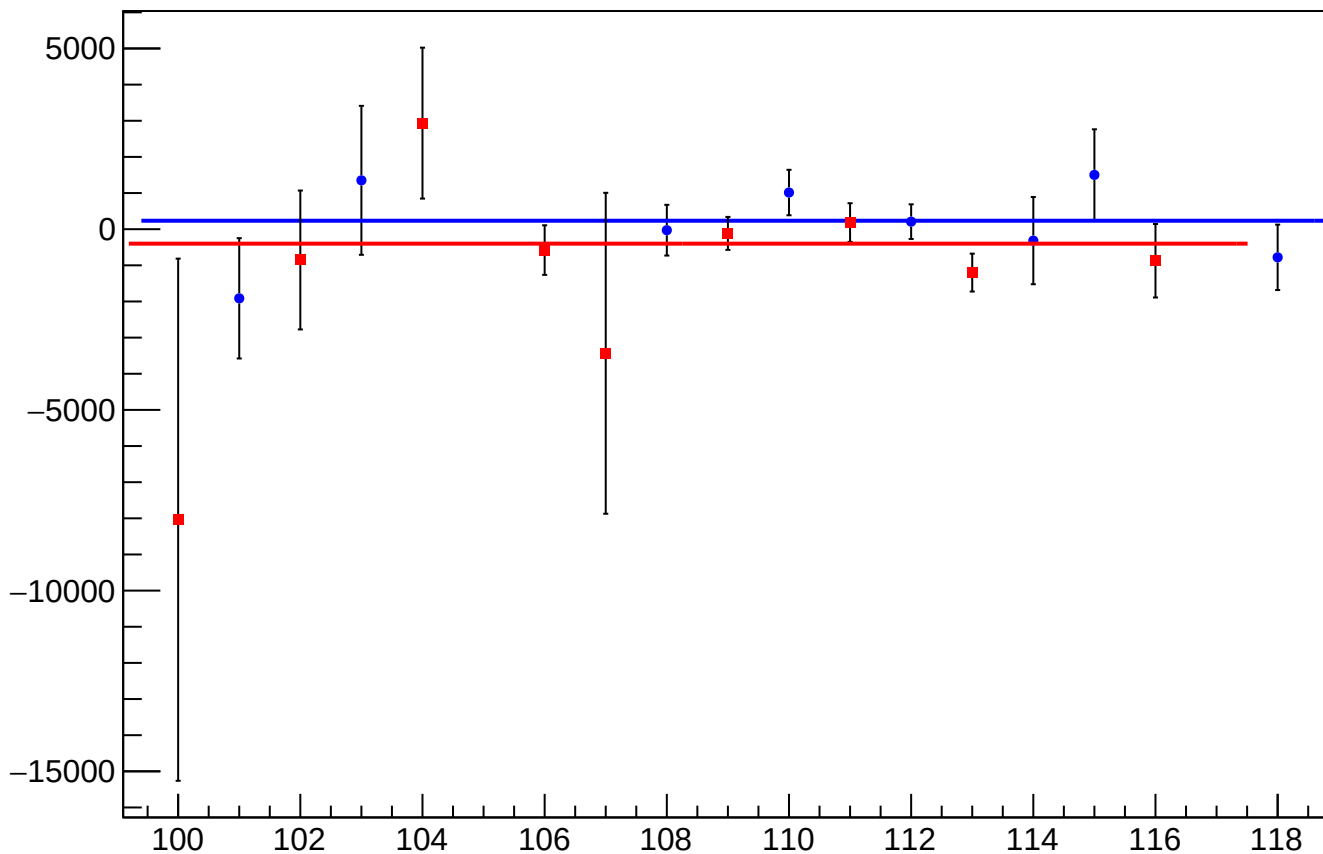
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.792+/-0.383 χ^2/NDF : 602586.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 234.126 $\pm$ 288.247 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -399.949 $\pm$ 253.161 χ^2 /NDF: 8.4/8

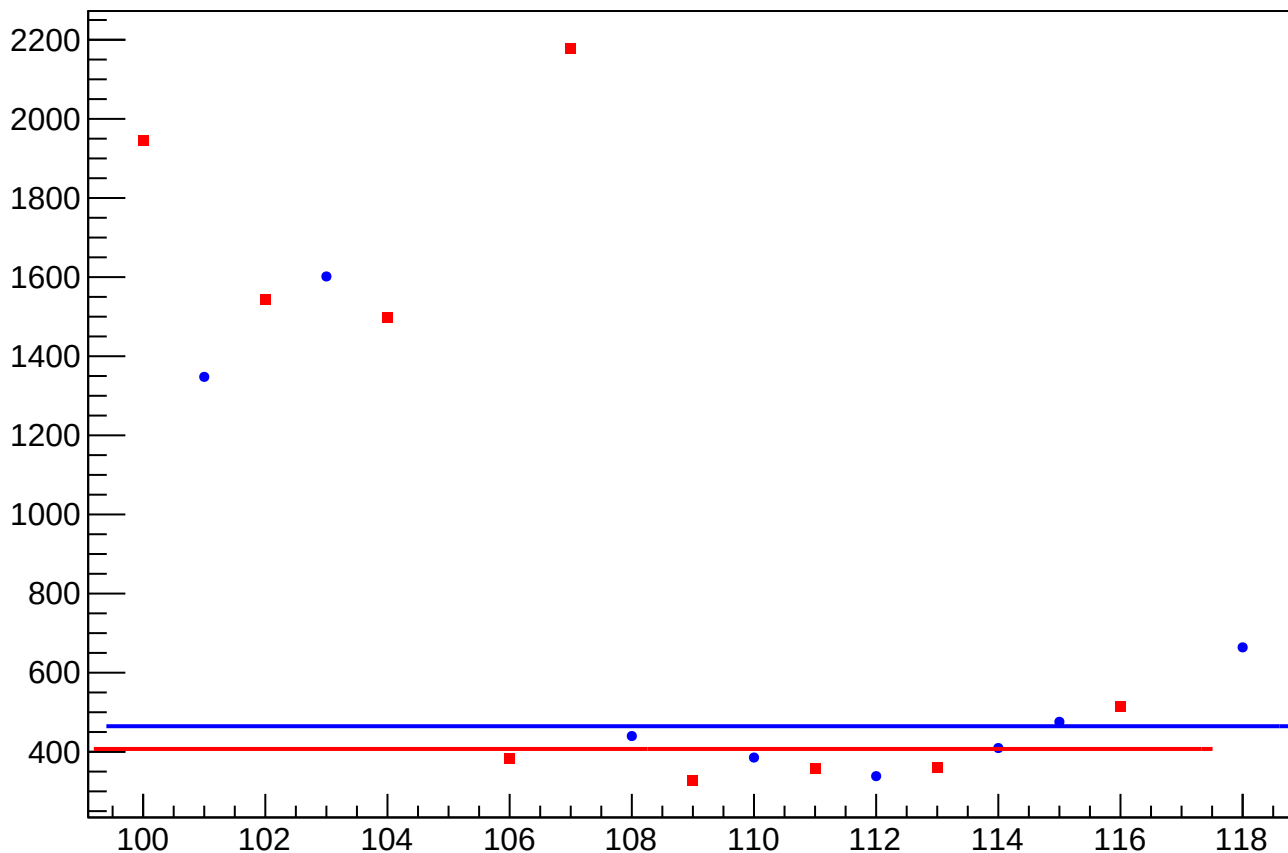
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -123.832 $\pm$ 190.214 χ^2 /NDF: 17.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug



Right In: 464.680 $\pm$ 0.204 χ^2 /NDF: 1445937.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 407.208 $\pm$ 0.179 χ^2 /NDF: 1773528.0/8

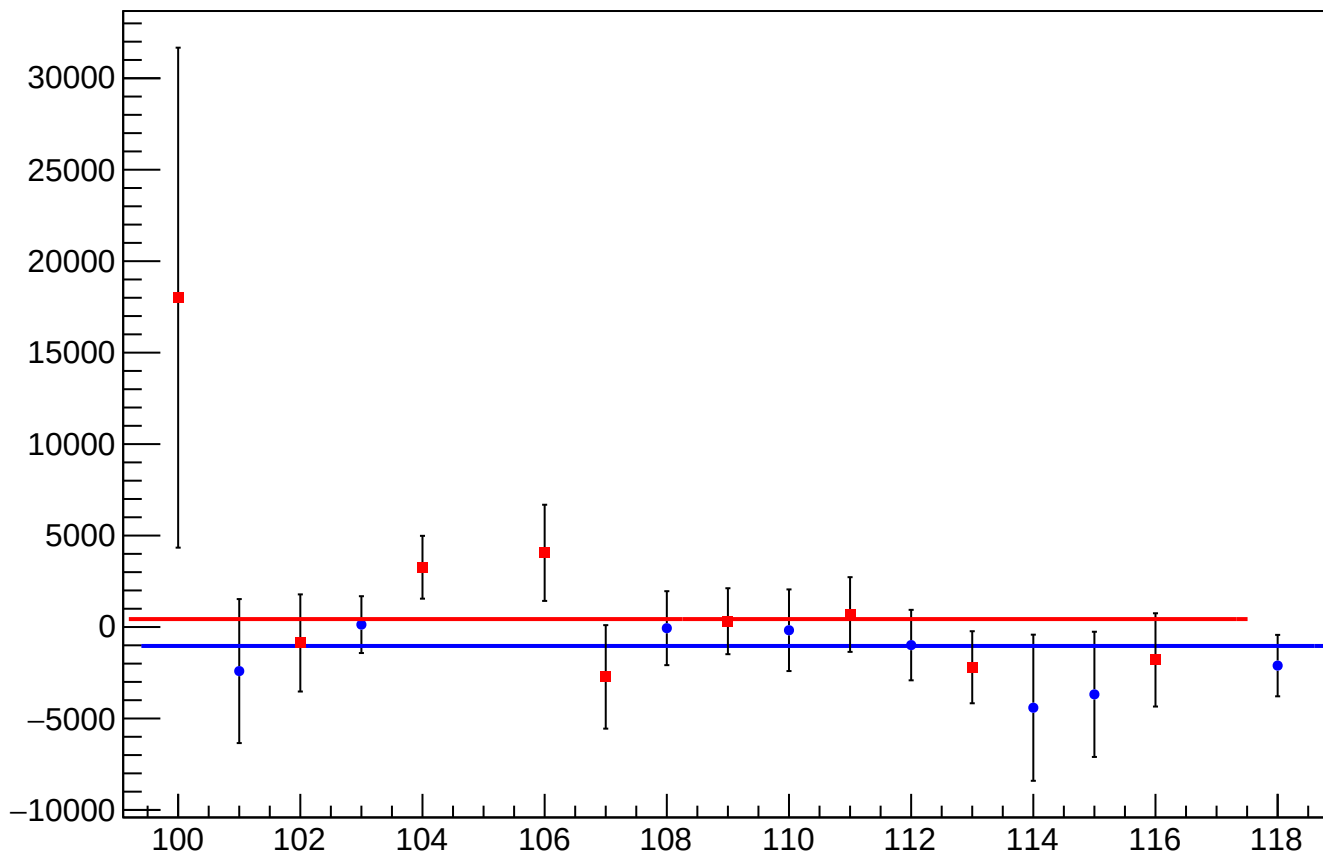
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.235 $\pm$ 0.135 χ^2 /NDF: 3264351.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1034.887 $\pm$ 767.690 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 434.698 $\pm$ 763.627 χ^2 /NDF: 10.3/8

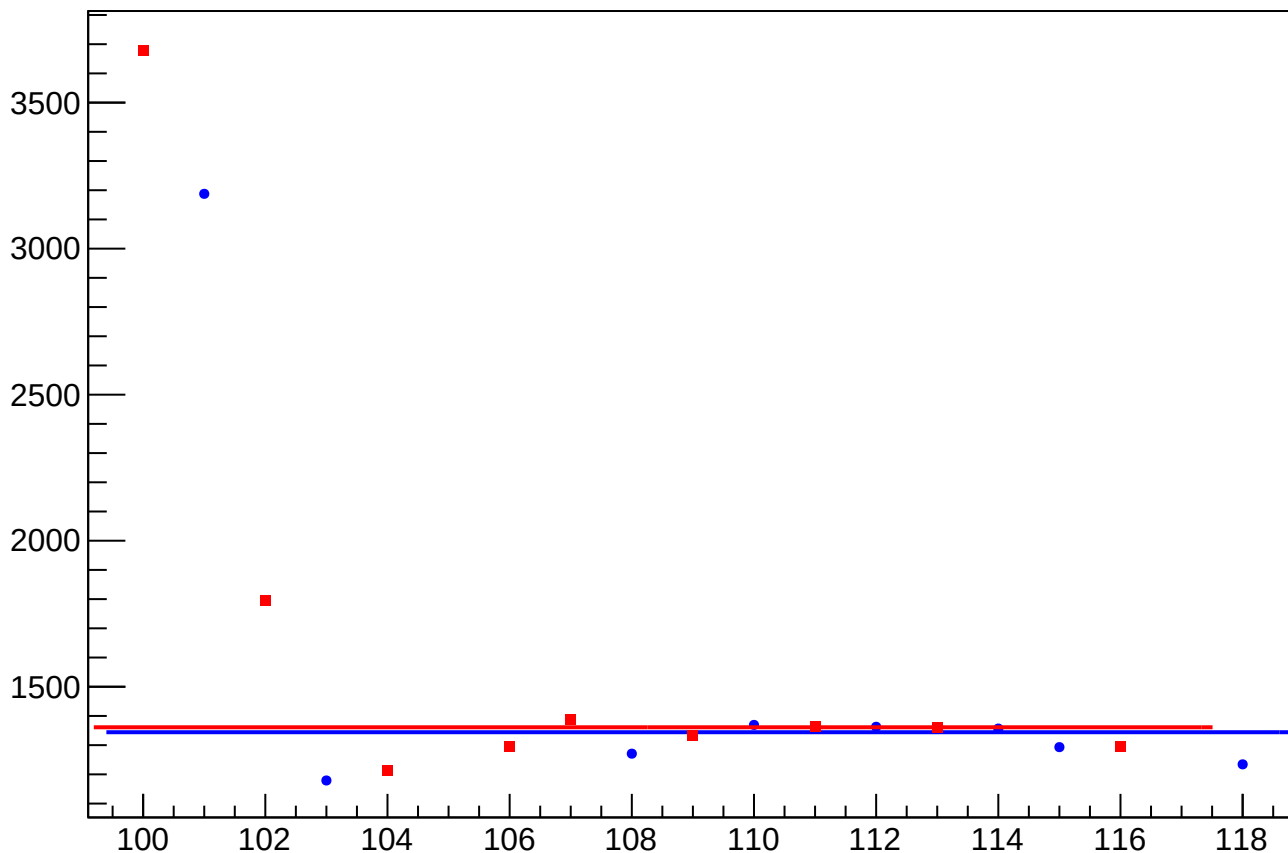
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -296.195 $\pm$ 541.397 χ^2 /NDF: 15.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



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: 1361.230+/-0.540 χ^2/NDF : 128706.1/8

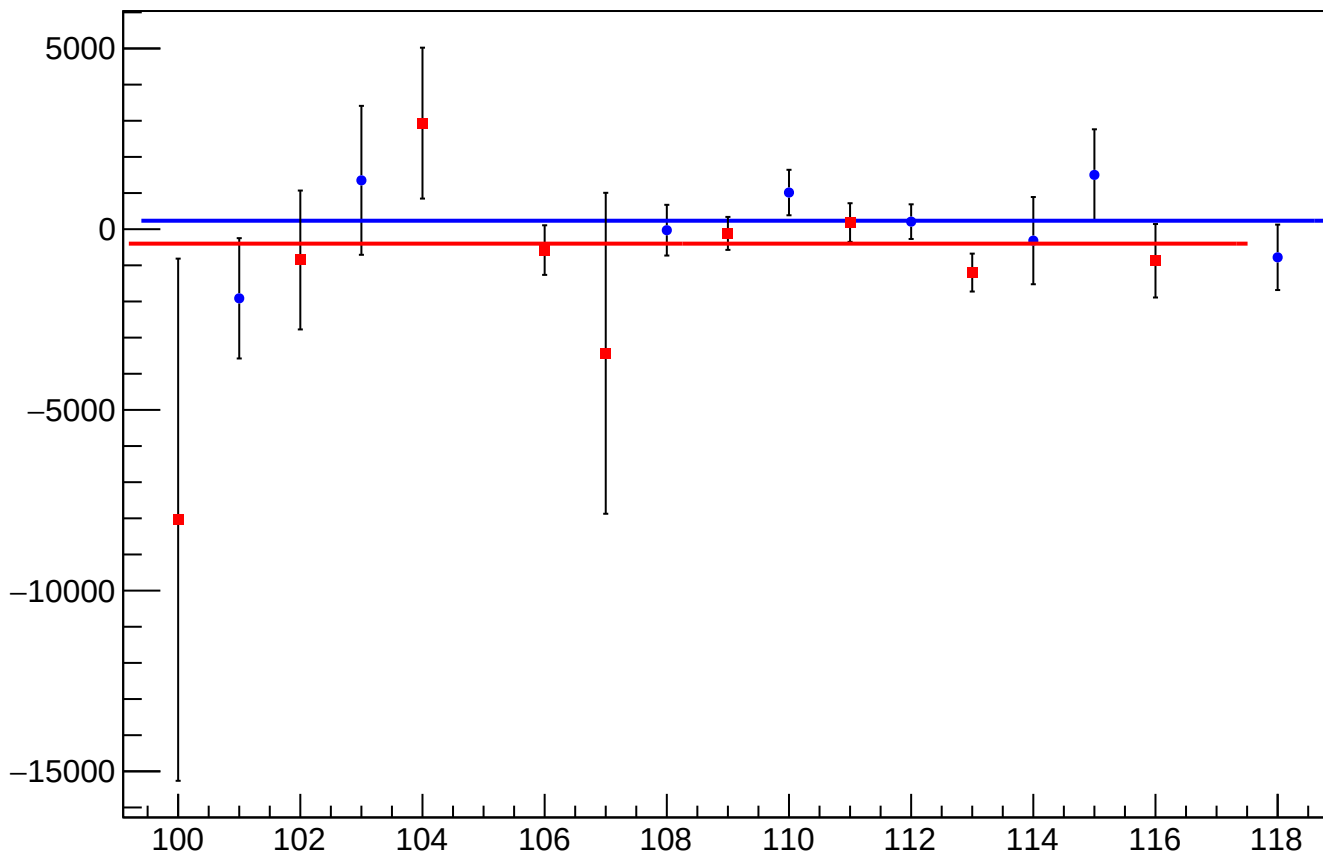
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.792+/-0.383 χ^2/NDF : 602586.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug



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: -399.947+/-253.160 χ^2/NDF : 8.4/8

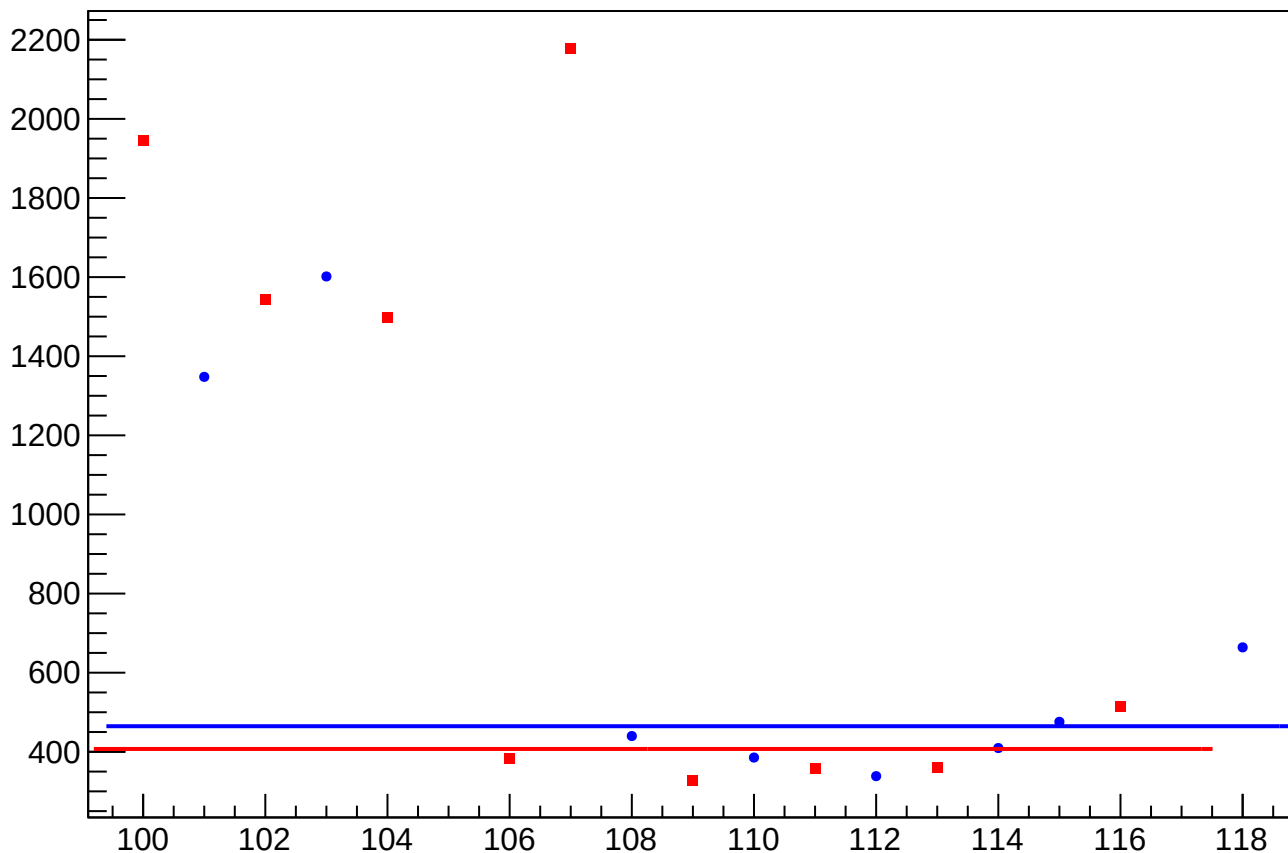
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.830+/-190.213 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 464.677 $\pm$ 0.204 χ^2 /NDF: 1445943.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.206 $\pm$ 0.179 χ^2 /NDF: 1773535.4/8

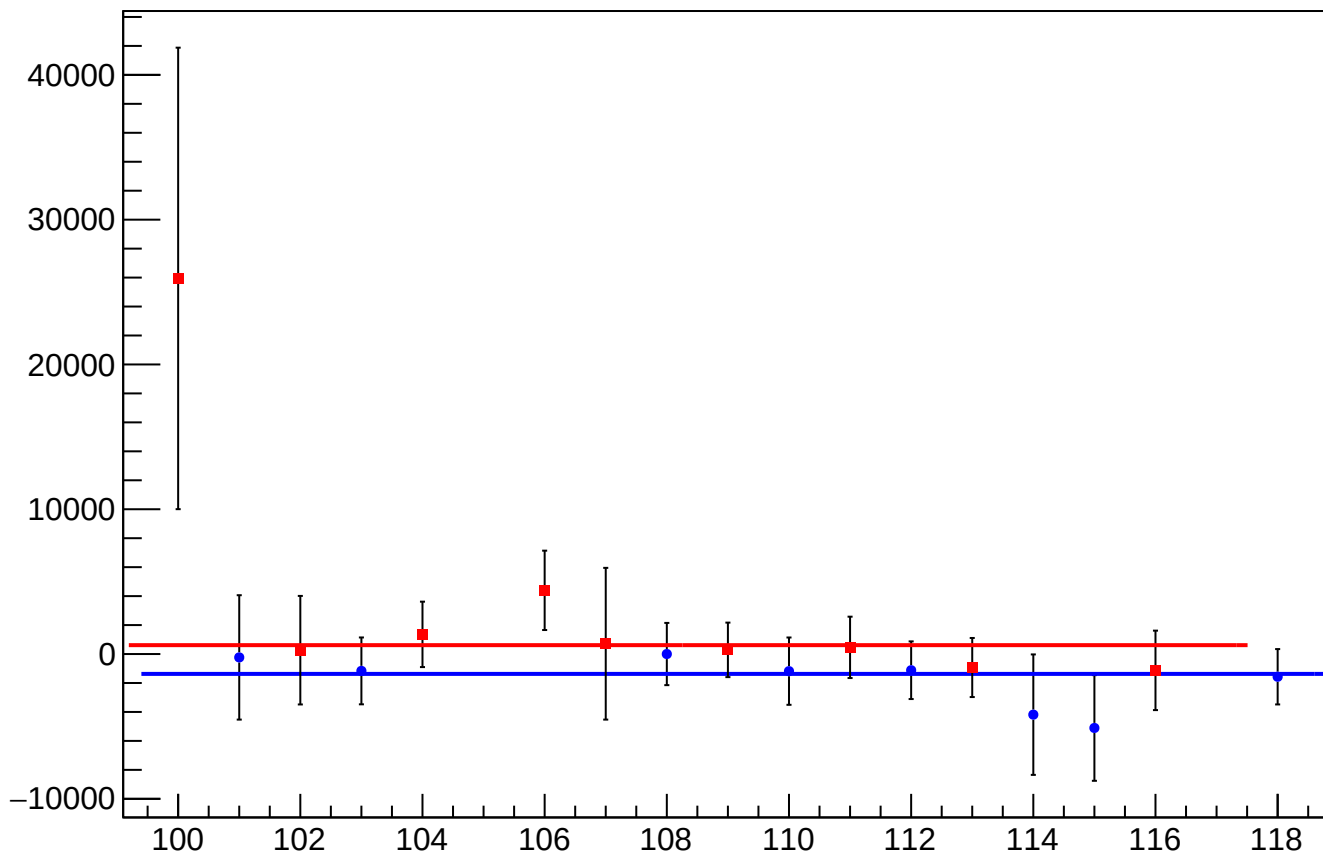
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.233 $\pm$ 0.135 χ^2 /NDF: 3264363.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -1372.007 $\pm$ 876.328 χ^2 /NDF: 2.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 613.428 $\pm$ 870.812 χ^2 /NDF: 5.6/8

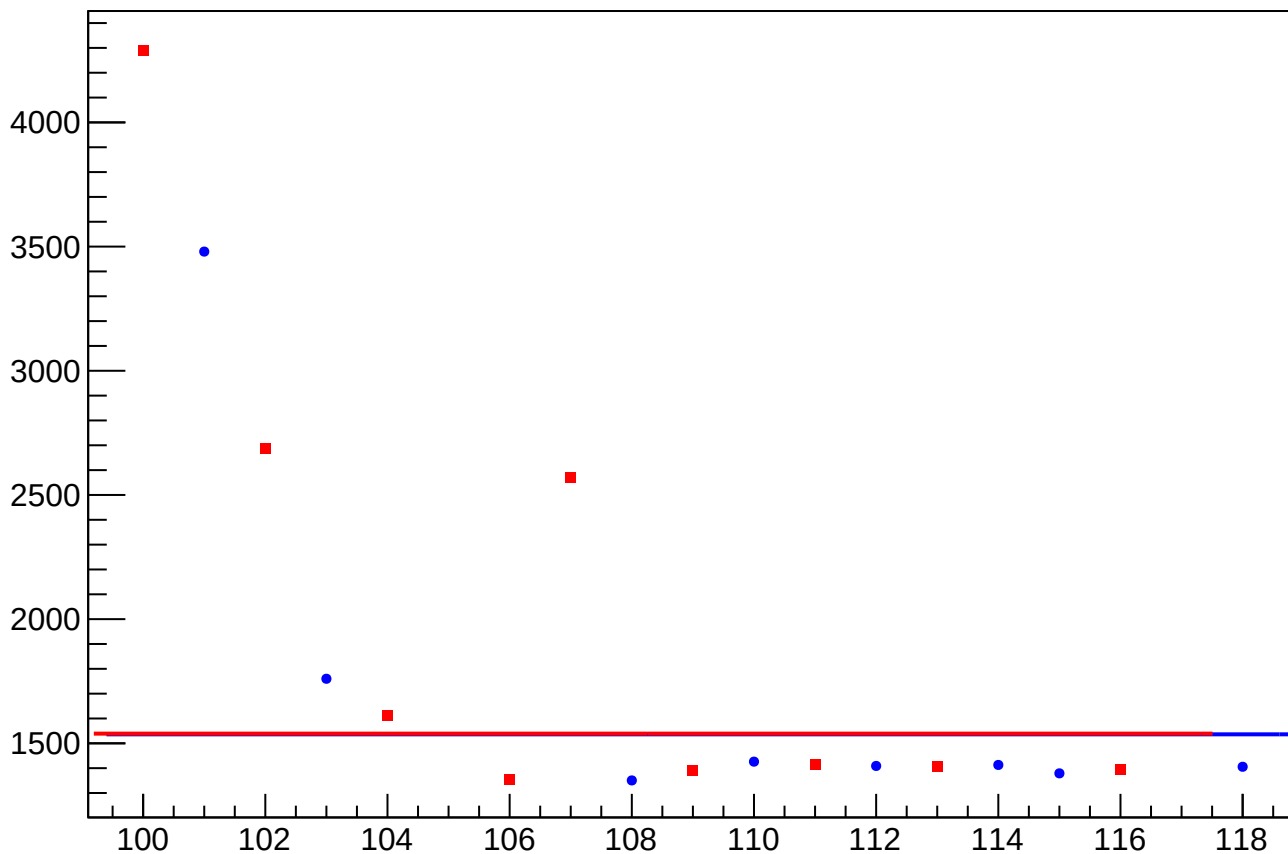
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.021 $\pm$ 617.698 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1536.228 $\pm$ 0.620 χ^2 /NDF: 470629.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1539.053 $\pm$ 0.616 χ^2 /NDF: 368432.9/8

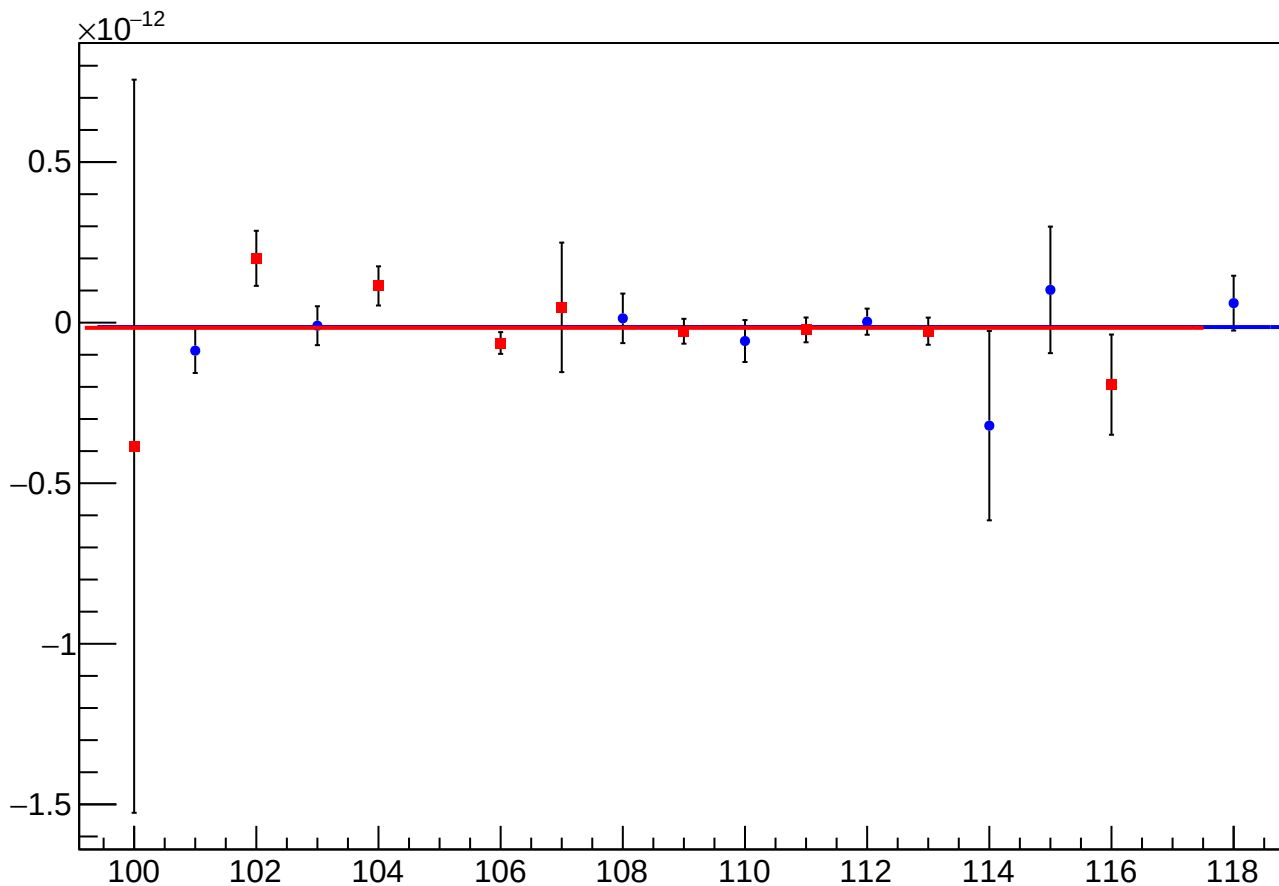
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1537.649 $\pm$ 0.437 χ^2 /NDF: 839073.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug



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: 14.5/8

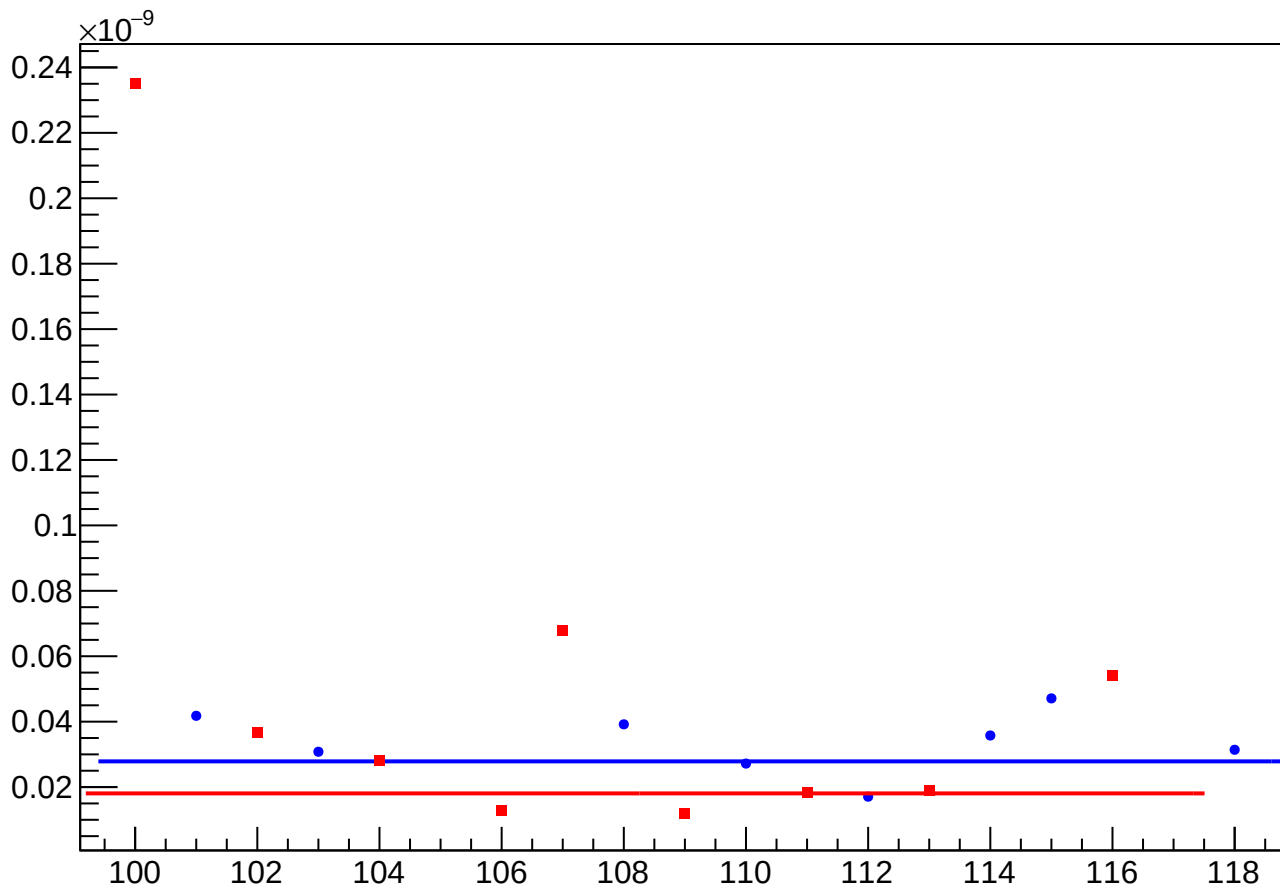
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 292980.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 551806.1/8

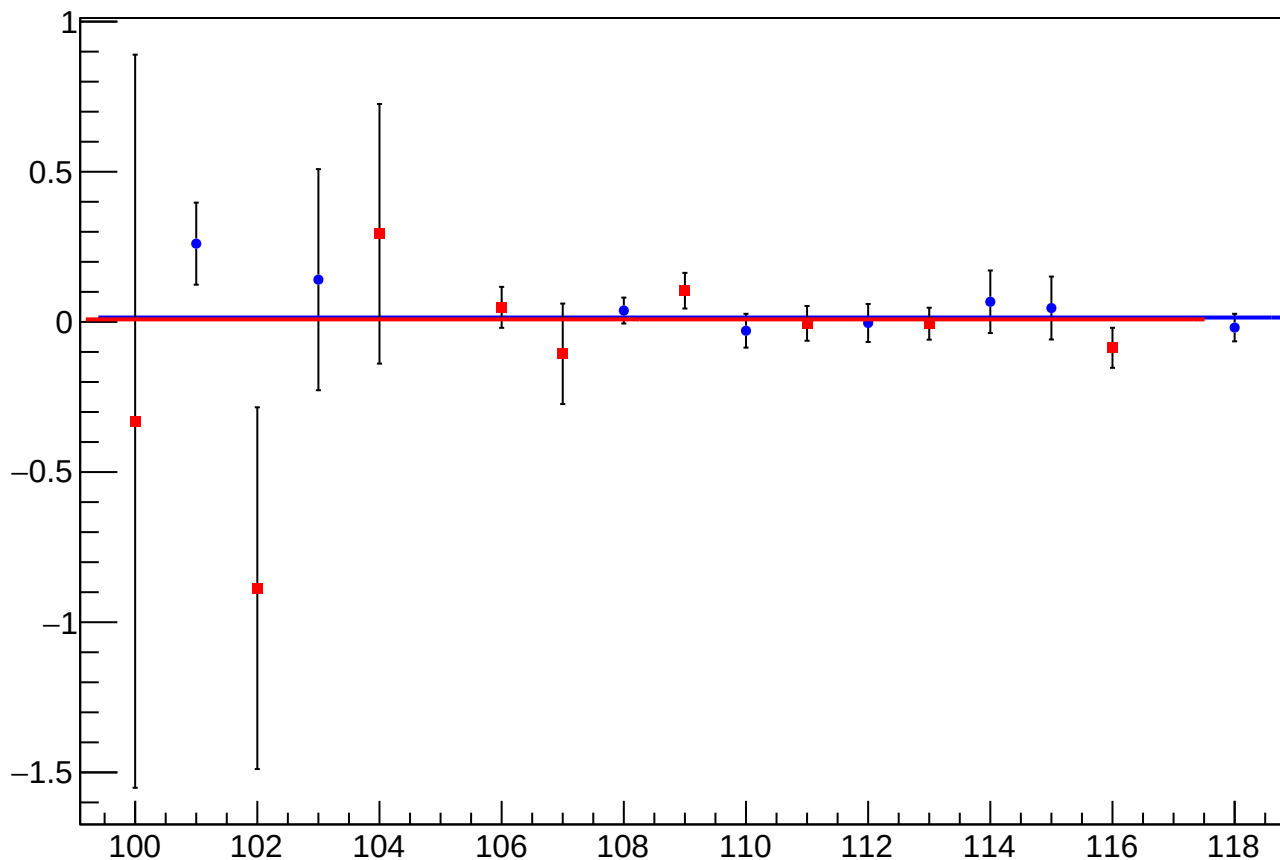
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1055363.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

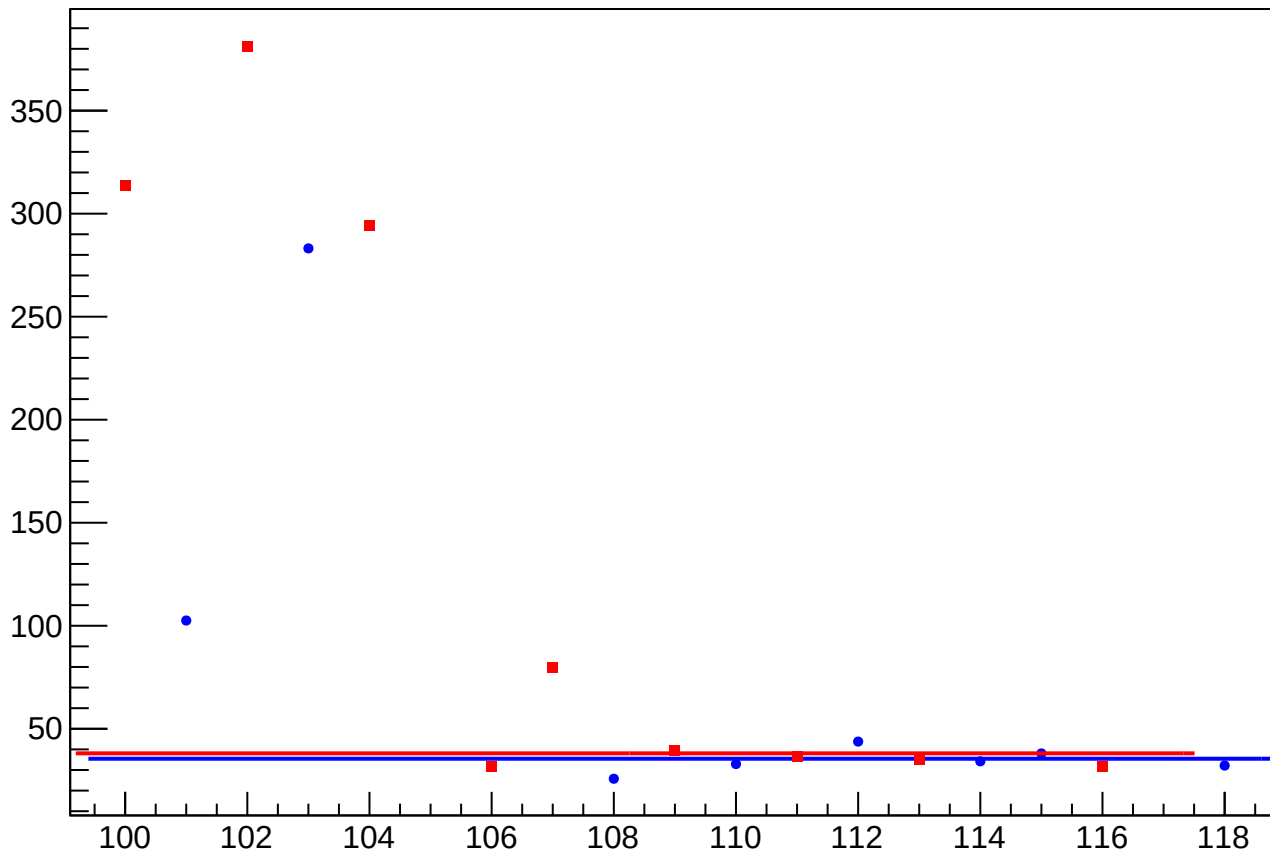
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 35.468 $\pm$ 0.017 χ^2 /NDF: 1539779.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621693.1/8

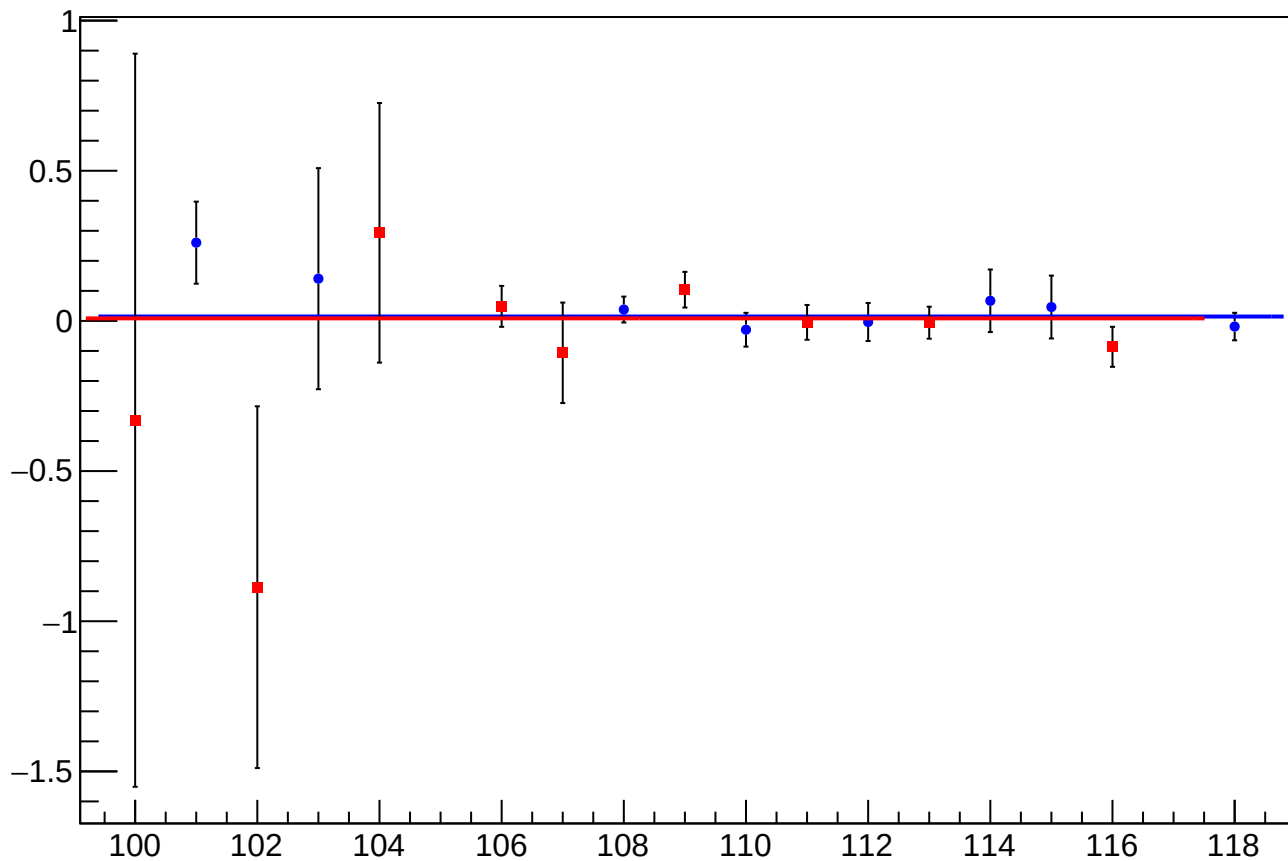
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.613 $\pm$ 0.012 χ^2 /NDF: 3172381.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

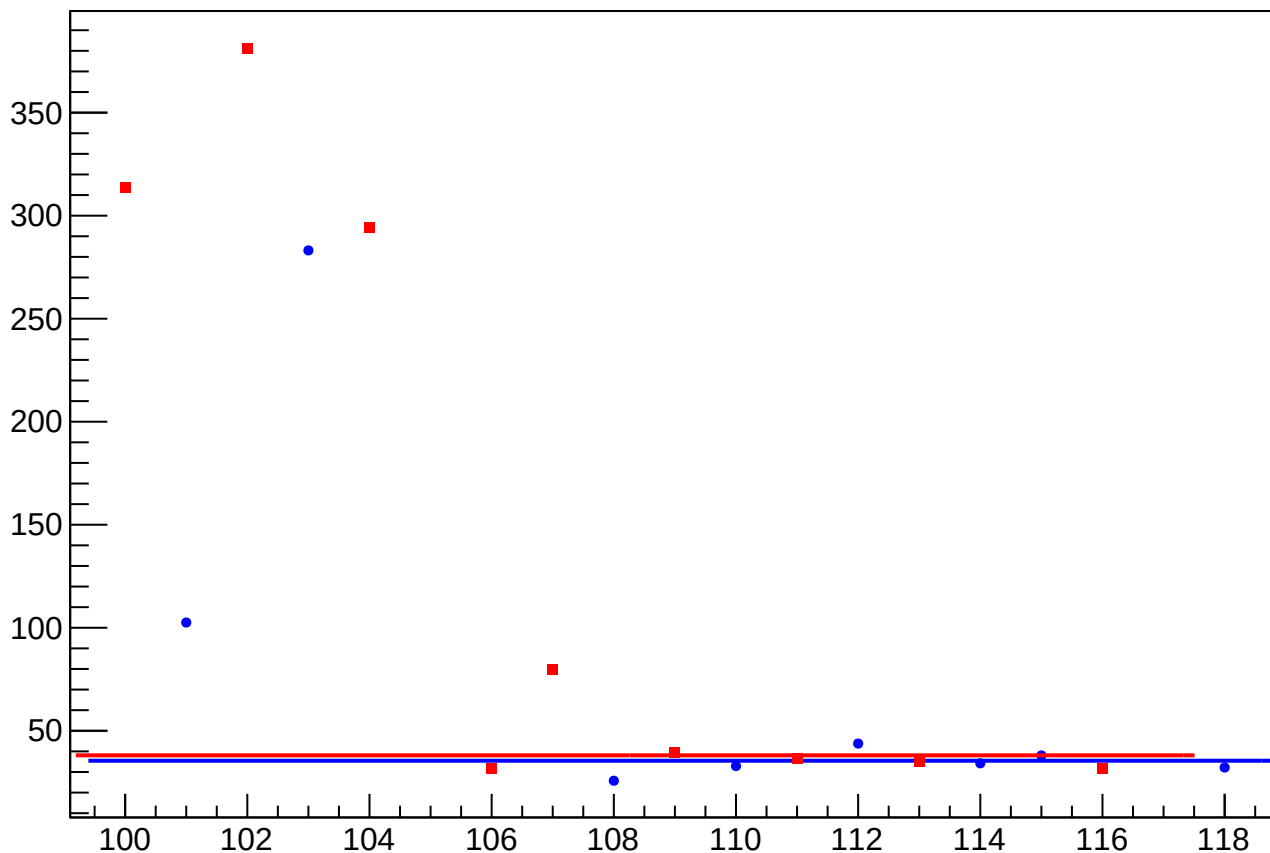
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.468 $\pm$ 0.017 χ^2 /NDF: 1539779.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621693.1/8

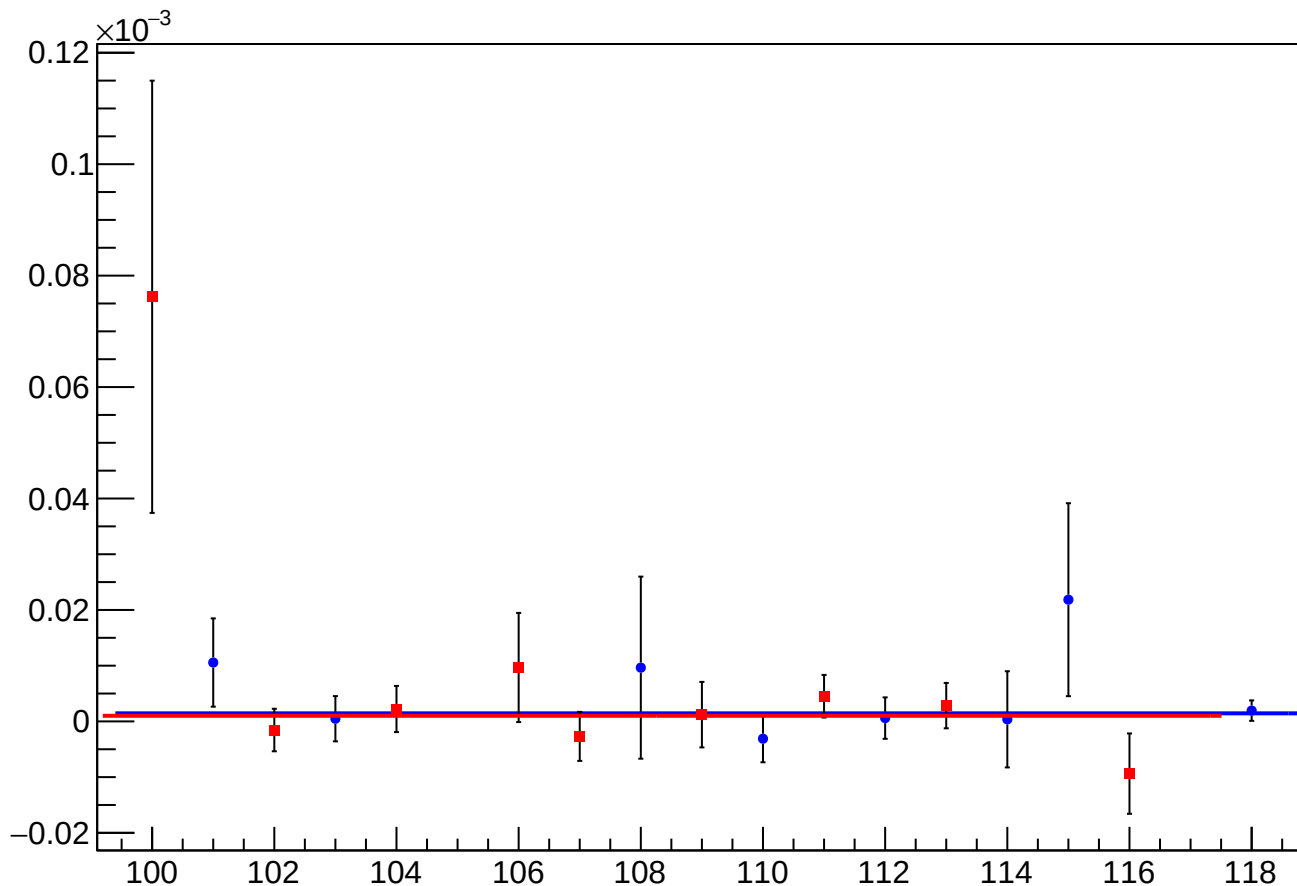
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.613 $\pm$ 0.012 χ^2 /NDF: 3172381.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 8.9/8

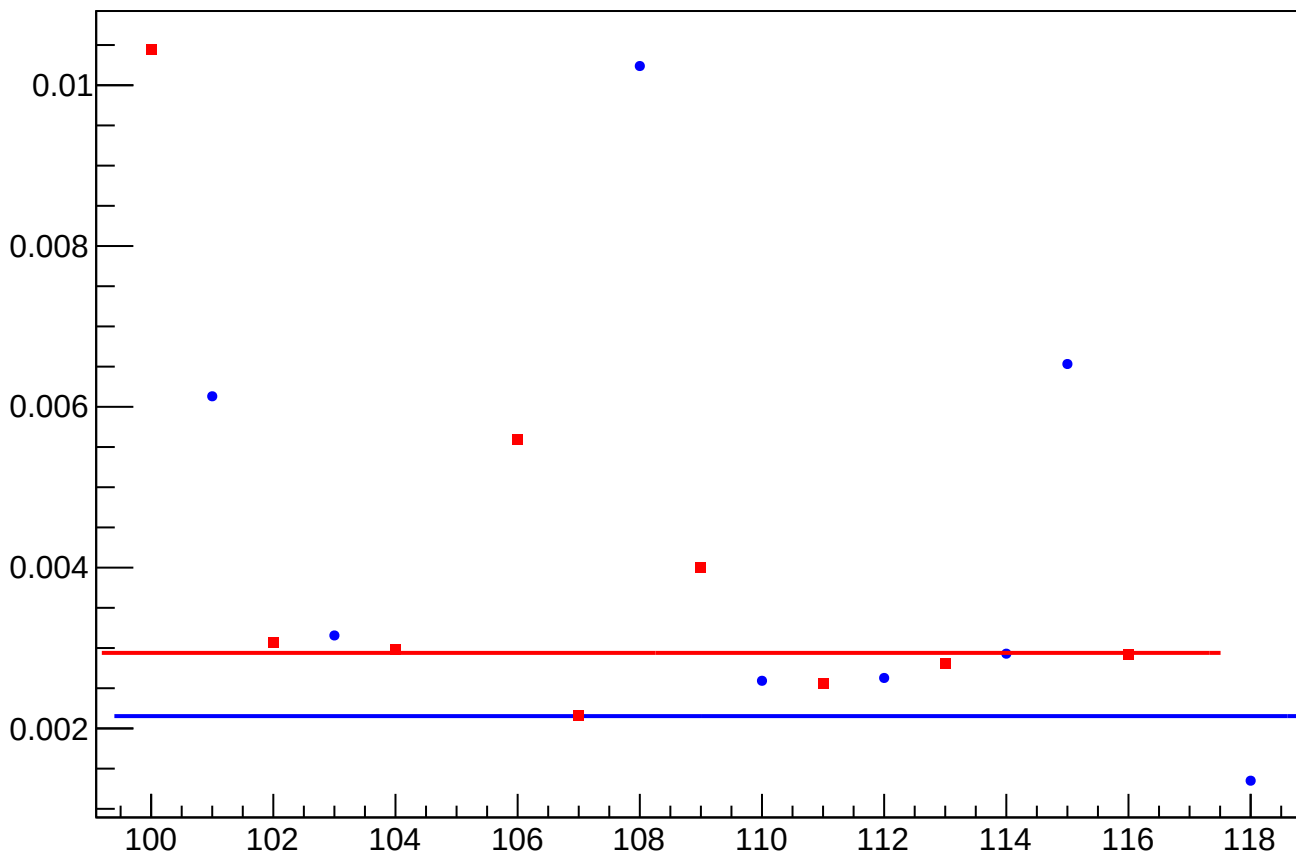
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.003+/-0.000 χ^2/NDF : 373952.8/8

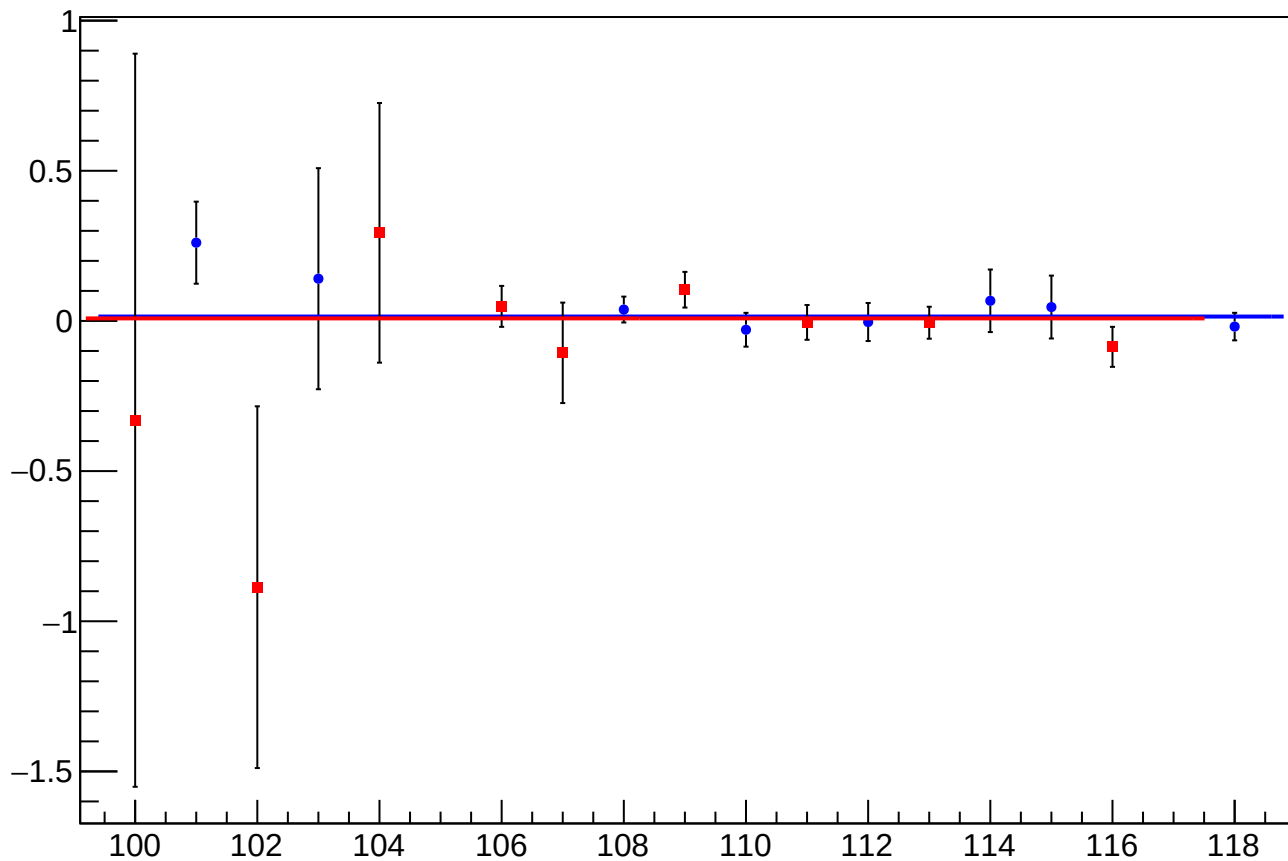
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2337737.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

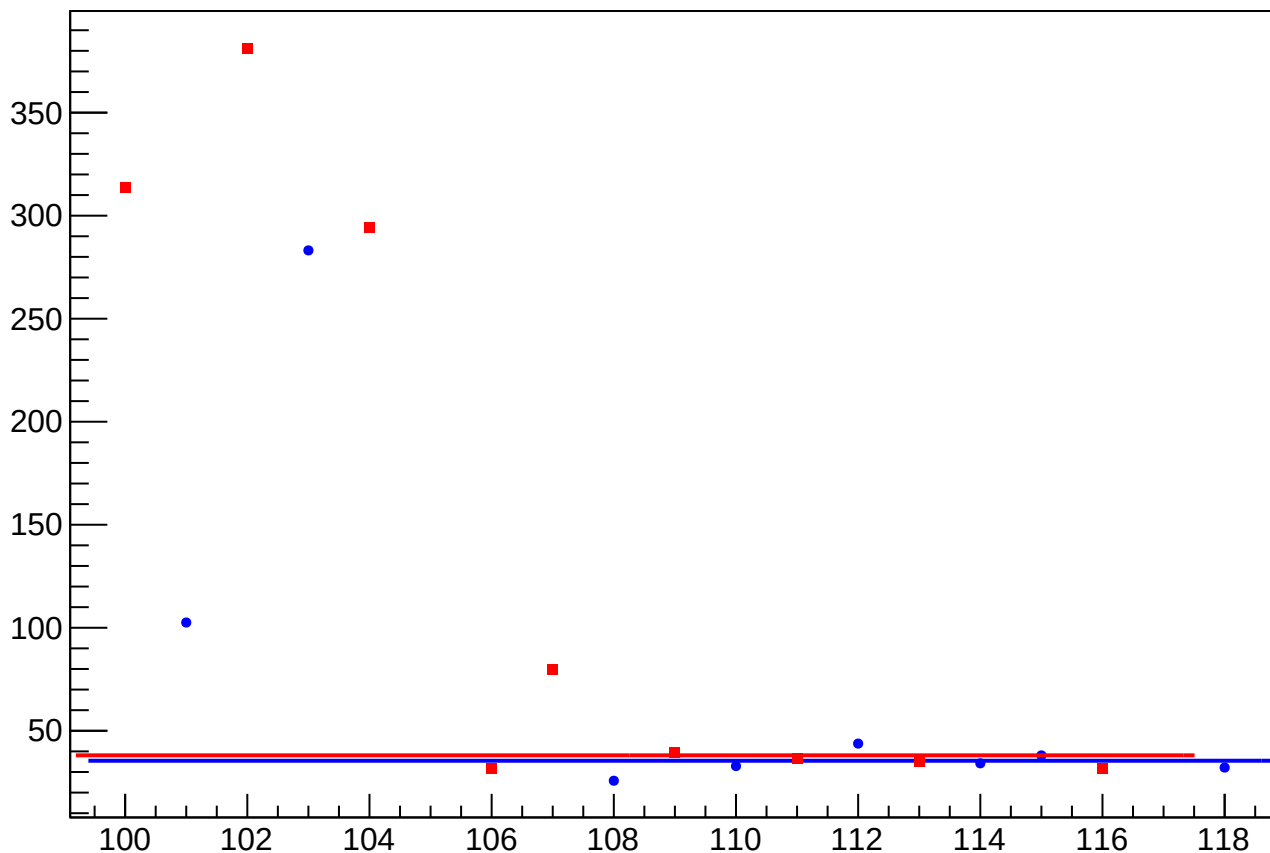
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.470 $\pm$ 0.017 χ^2 /NDF: 1539711.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621684.9/8

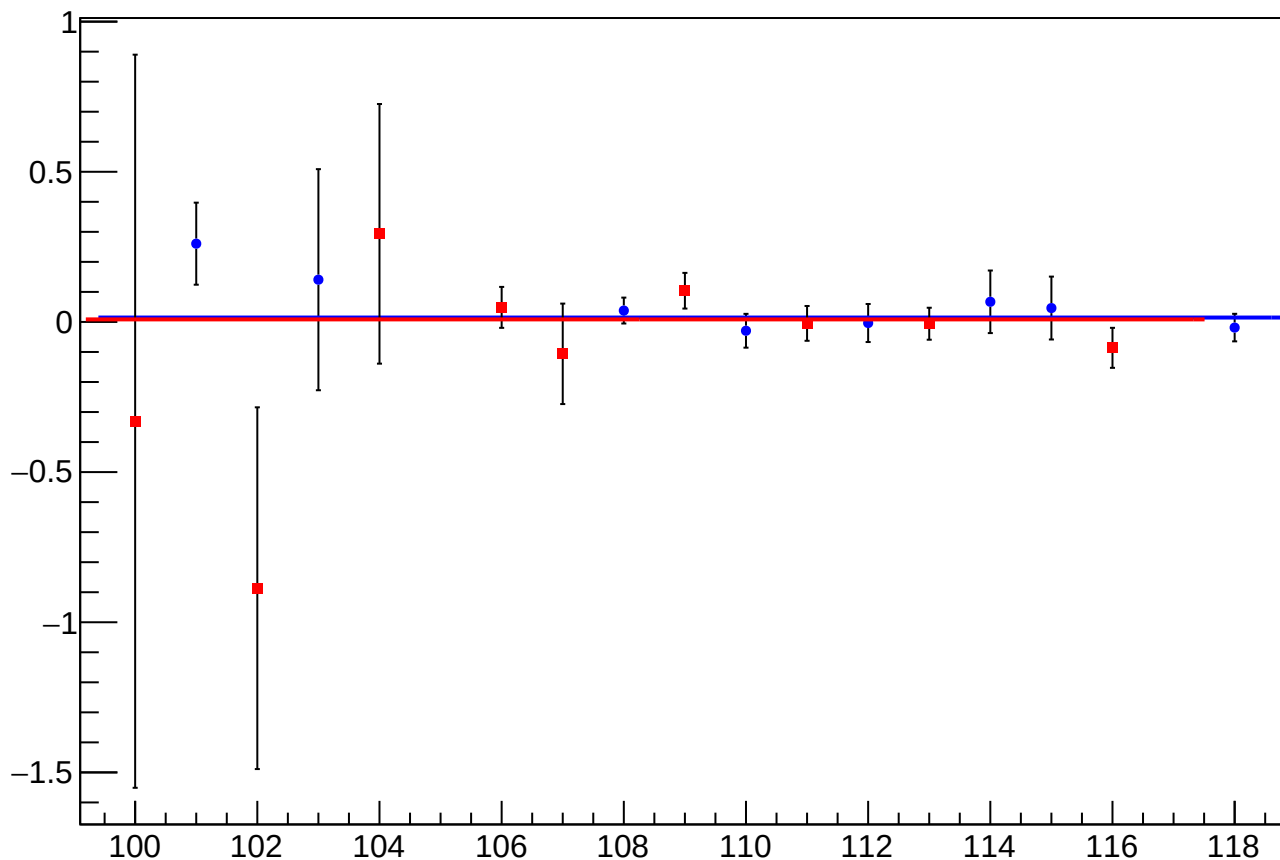
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.614 $\pm$ 0.012 χ^2 /NDF: 3172297.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.008 $\pm$ 0.027 χ^2 /NDF: 8.3/8

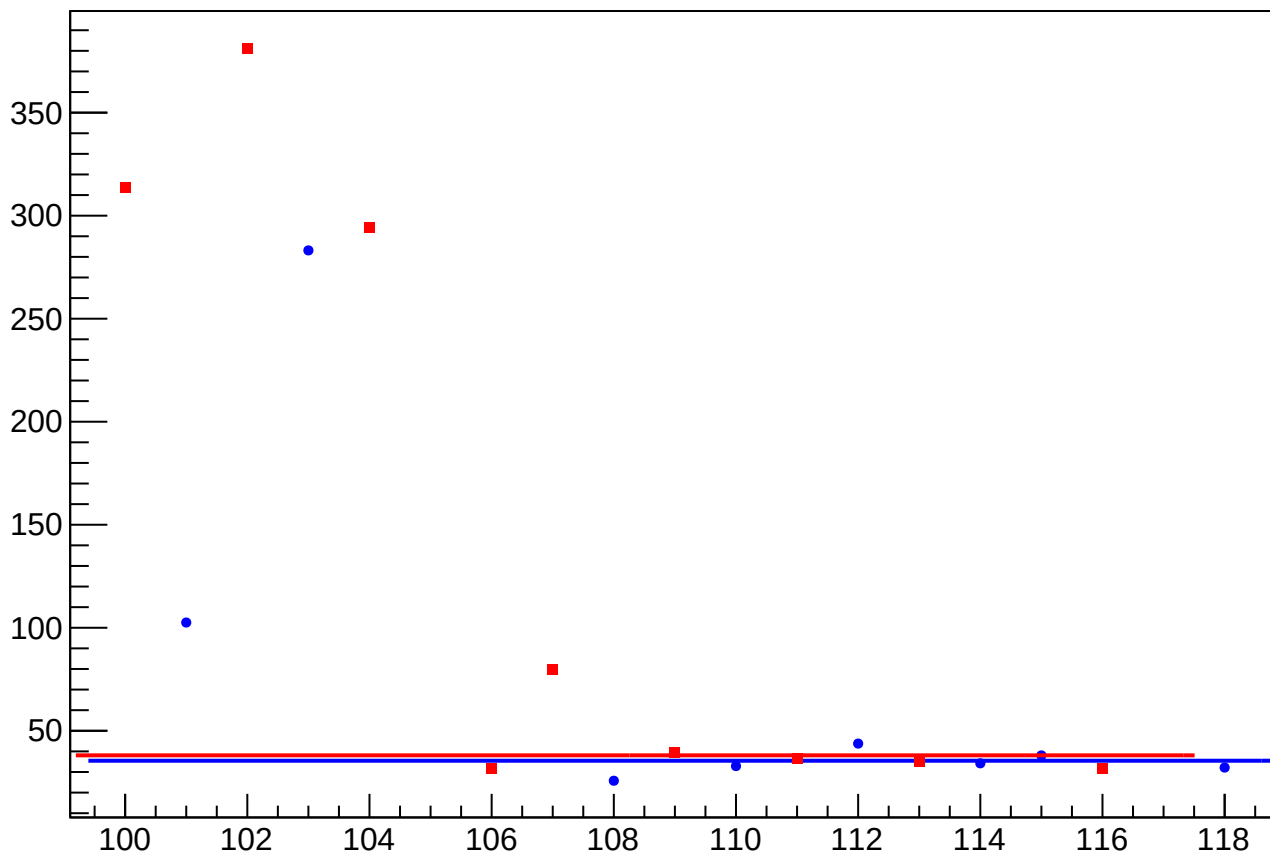
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.018 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.470 $\pm$ 0.017 χ^2 /NDF: 1539711.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.083 $\pm$ 0.019 χ^2 /NDF: 1621684.9/8

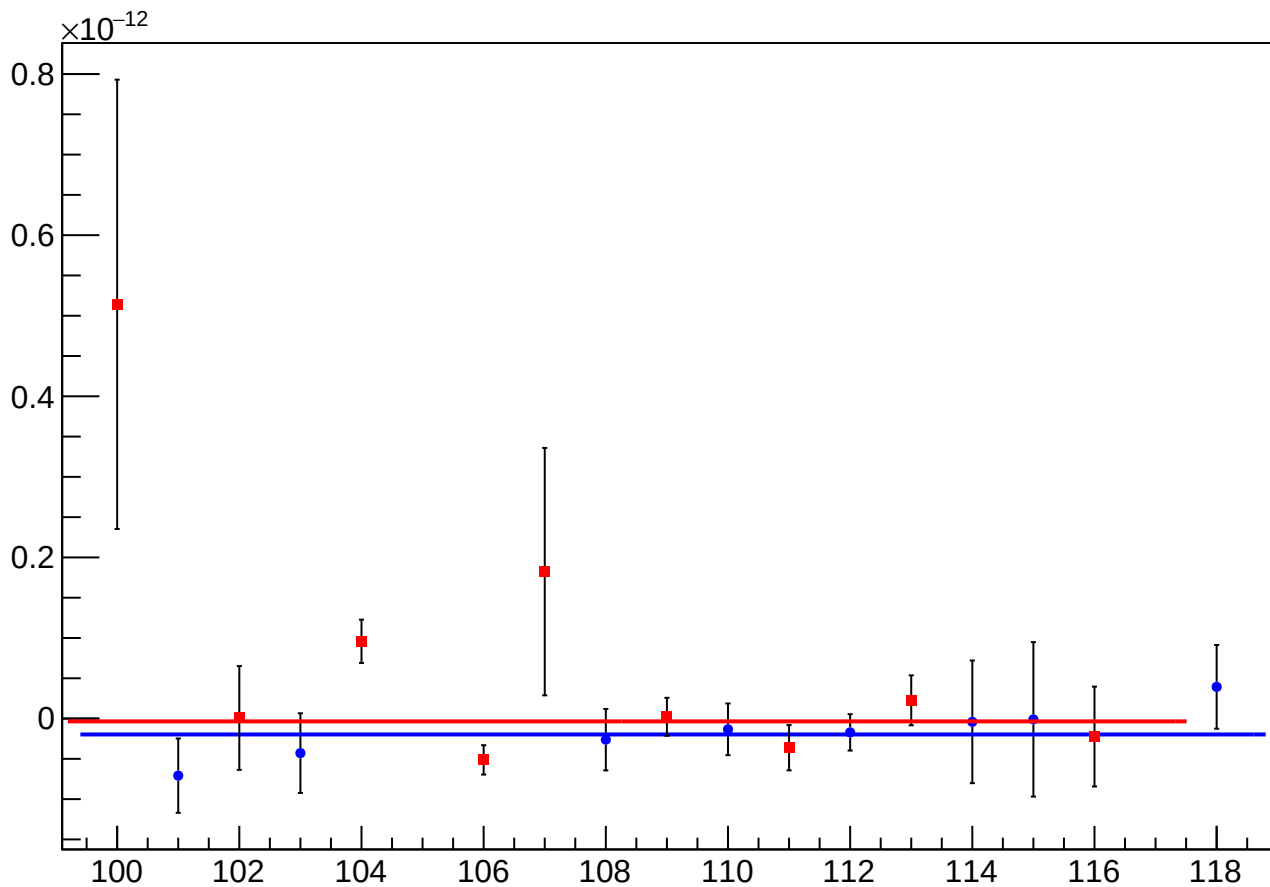
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.614 $\pm$ 0.012 χ^2 /NDF: 3172297.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 27.6/8

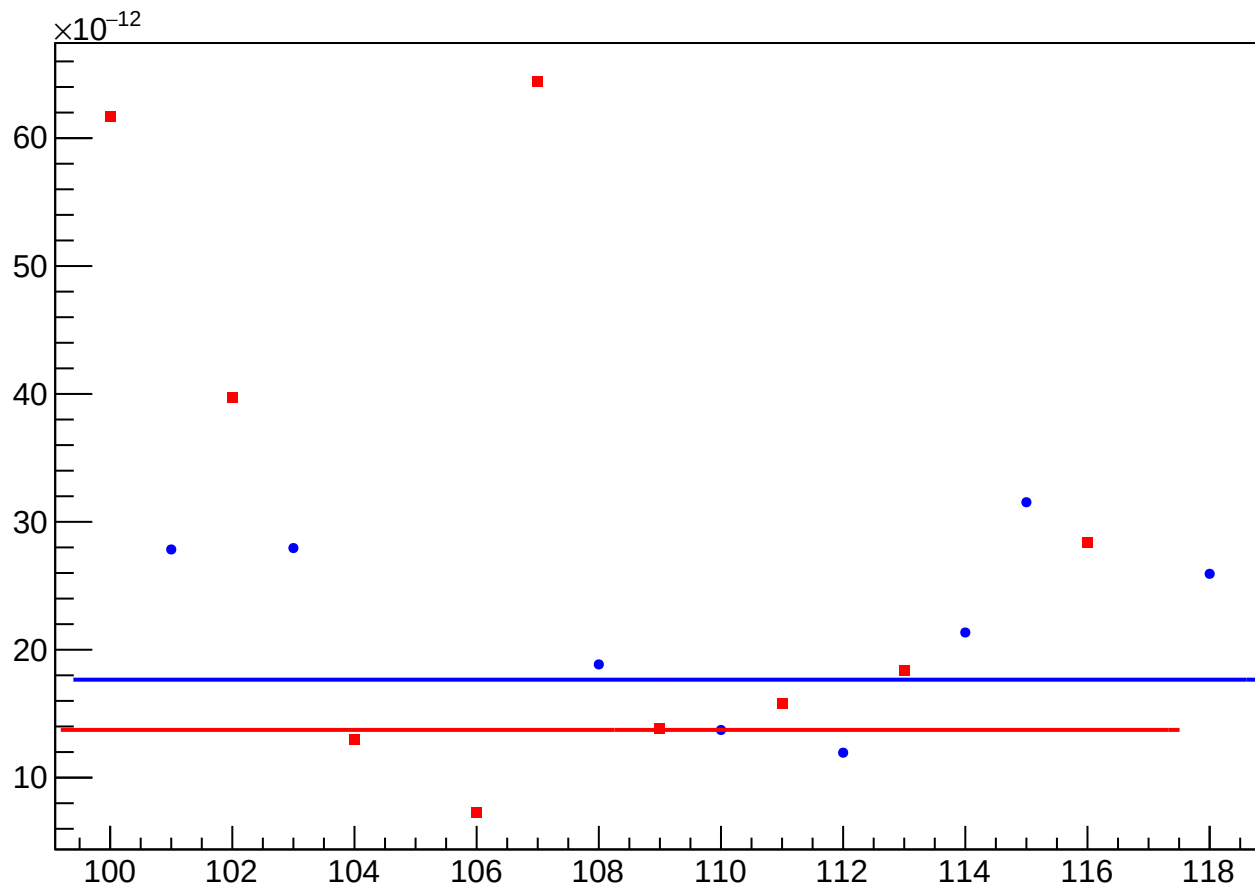
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1024556.3/8

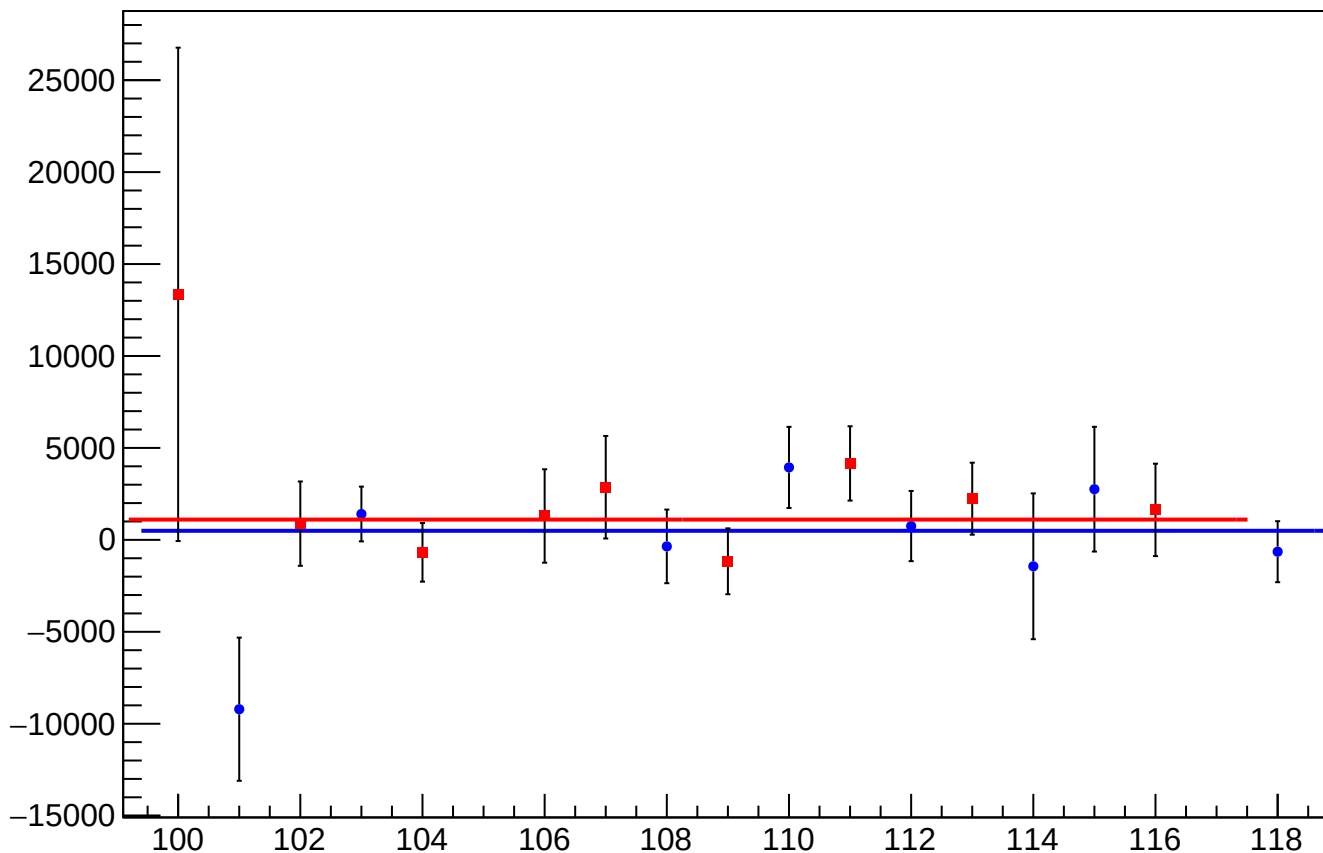
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1567109.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



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: 1103.518+/-735.353 χ^2/NDF : 6.8/8

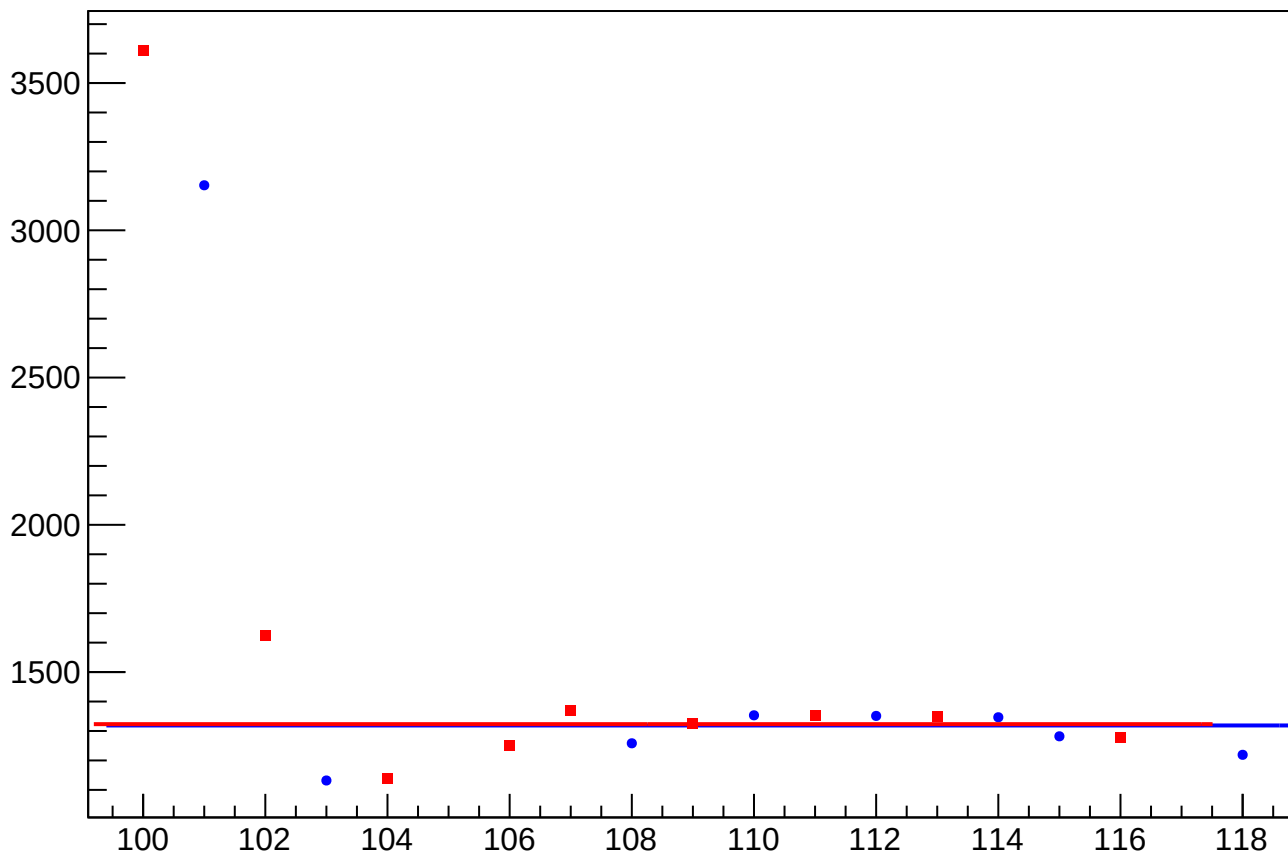
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.930+/-526.347 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



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: 1323.204+/-0.520 χ^2/NDF : 122550.8/8

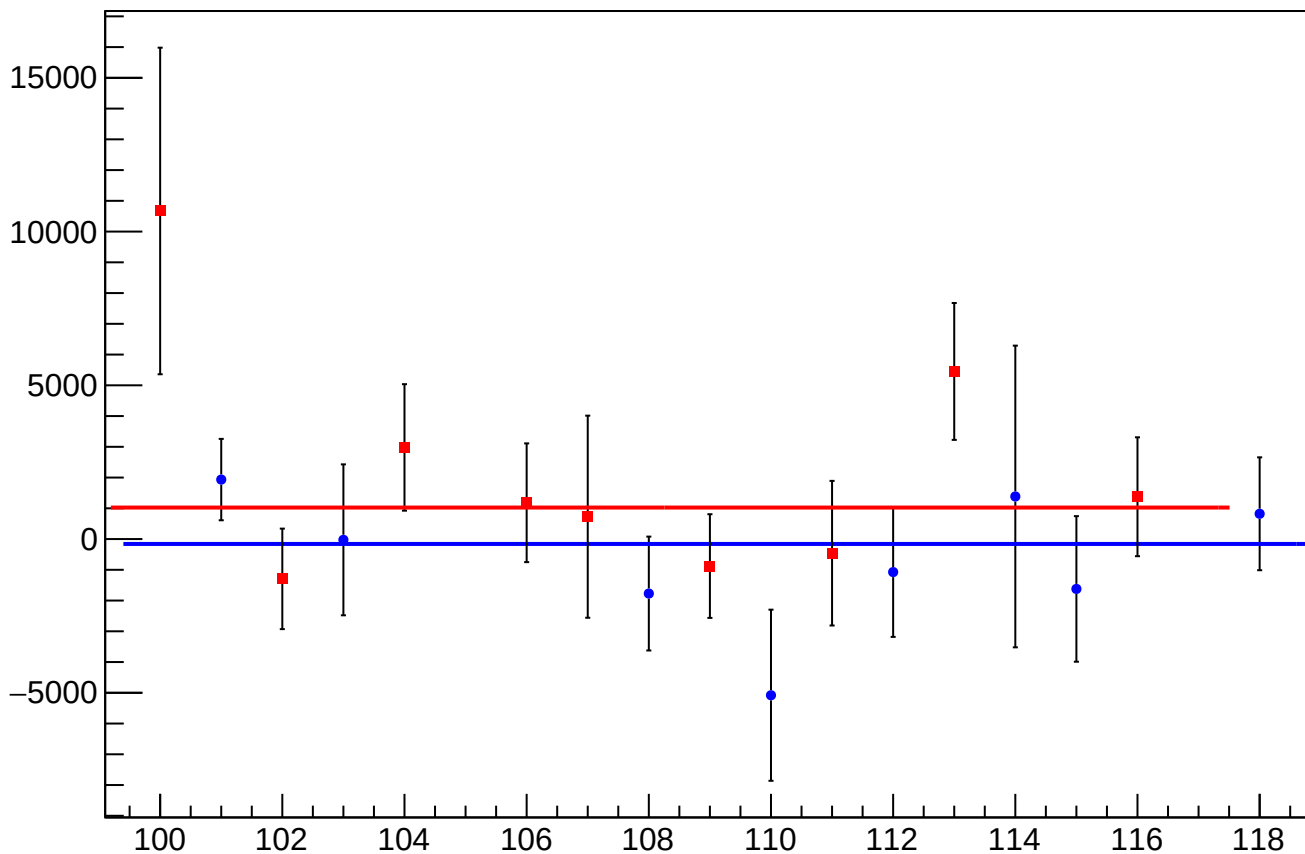
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1321.039+/-0.372 χ^2/NDF : 608414.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



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: 1024.569+/-705.547 χ^2/NDF : 11.9/8

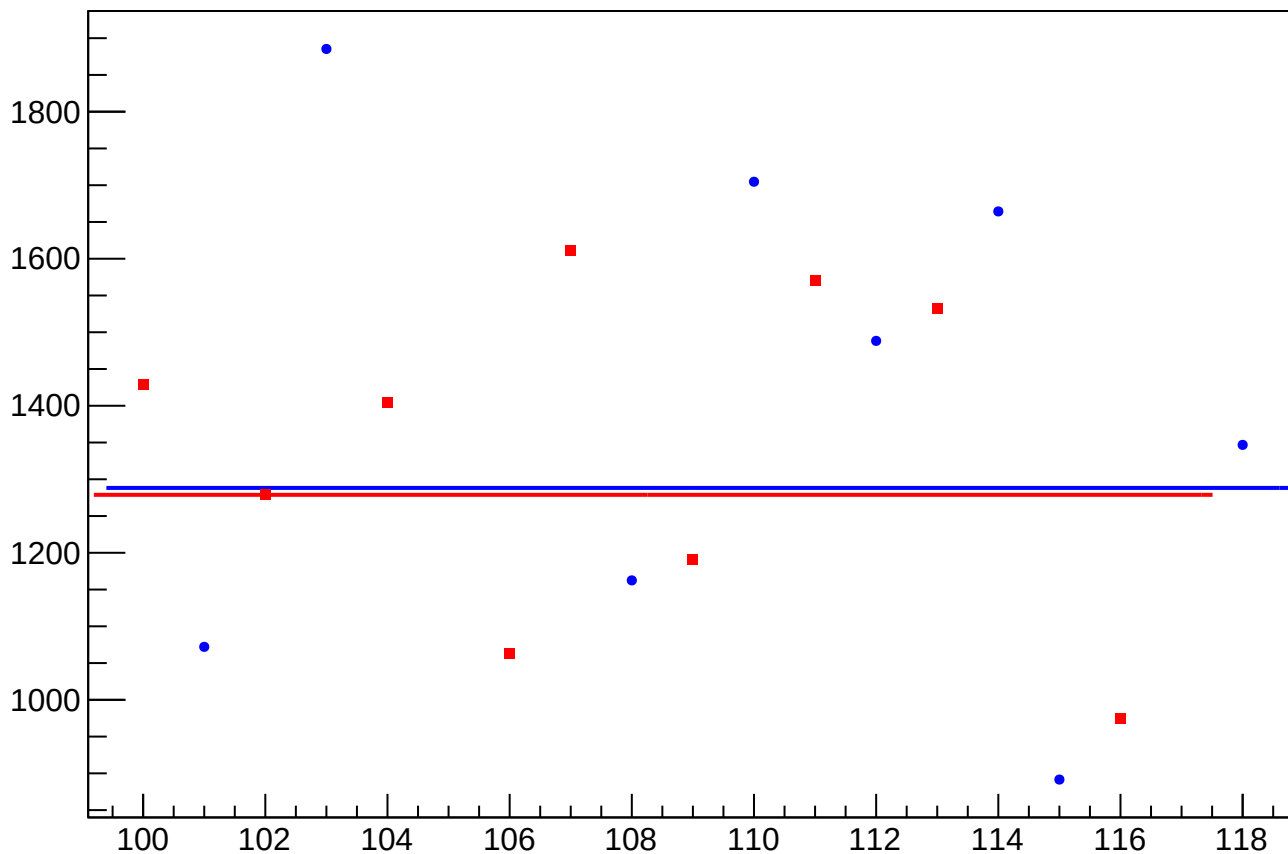
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 449.292+/-505.840 χ^2/NDF : 20.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1288.261 $\pm$ 0.513 χ^2 /NDF: 313688.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

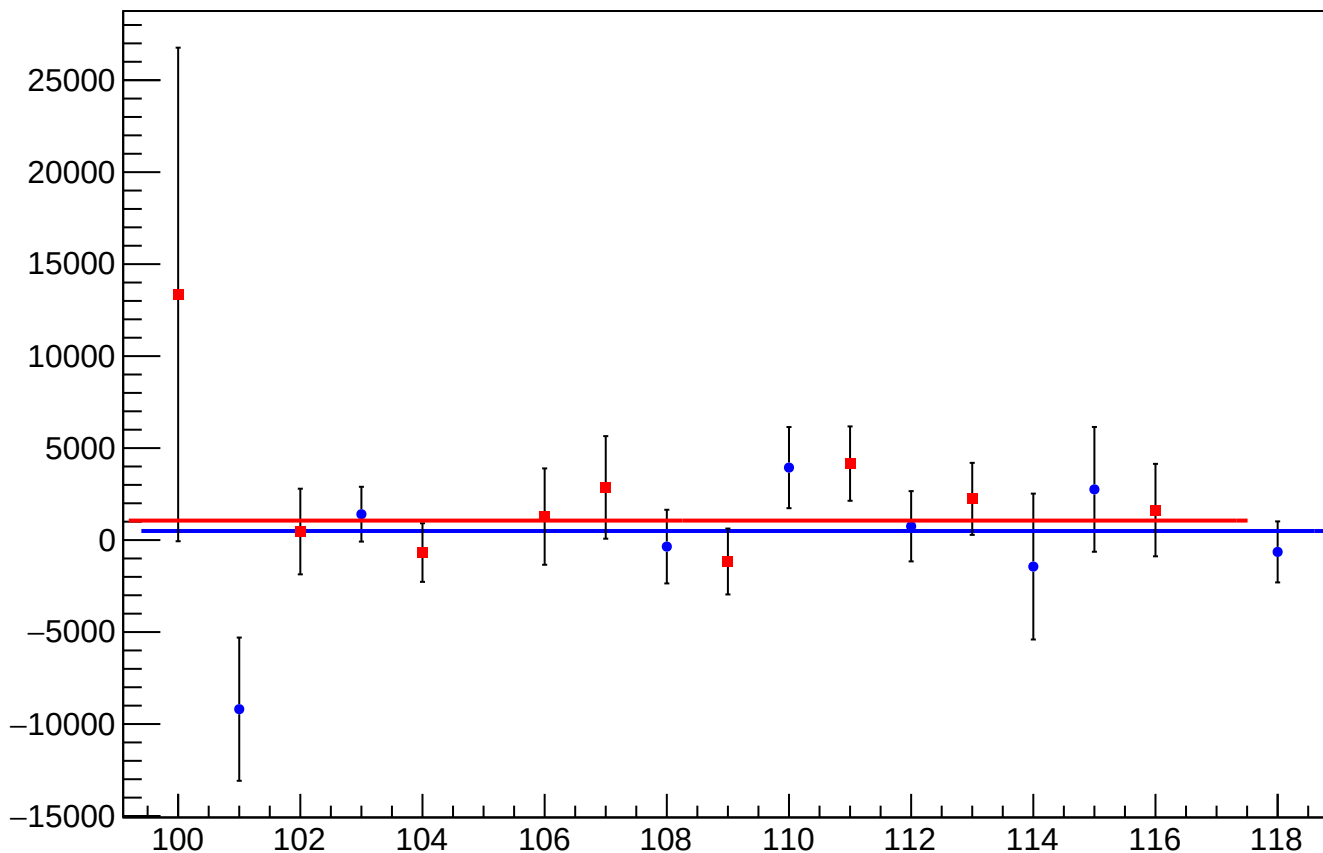
Right Out: 1278.852 $\pm$ 0.499 χ^2 /NDF: 166046.2/8

All: 1283.424 $\pm$ 0.358 χ^2 /NDF: 479907.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



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: 1059.873+/-738.292 χ^2/NDF : 6.8/8

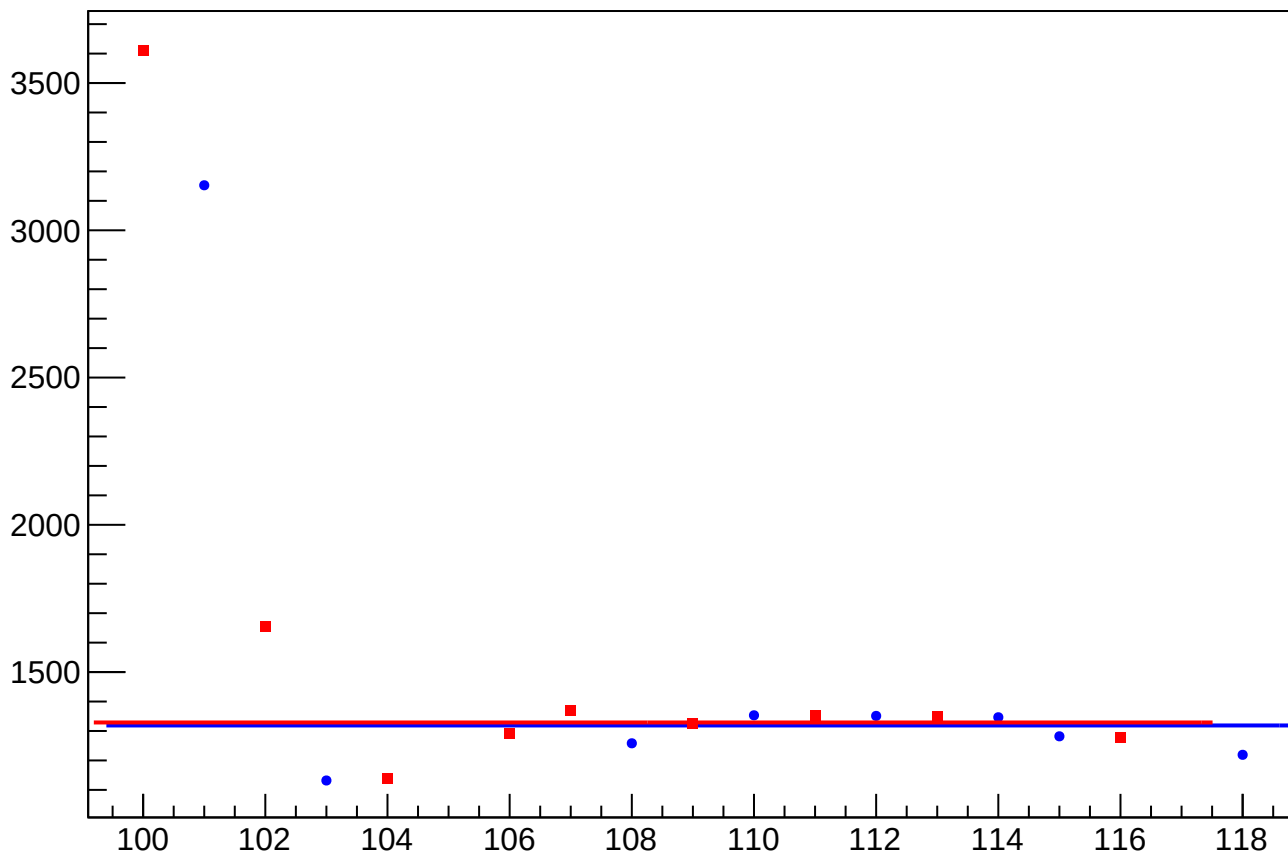
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.764+/-527.422 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



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: 1328.917+/-0.522 χ^2/NDF : 127469.1/8

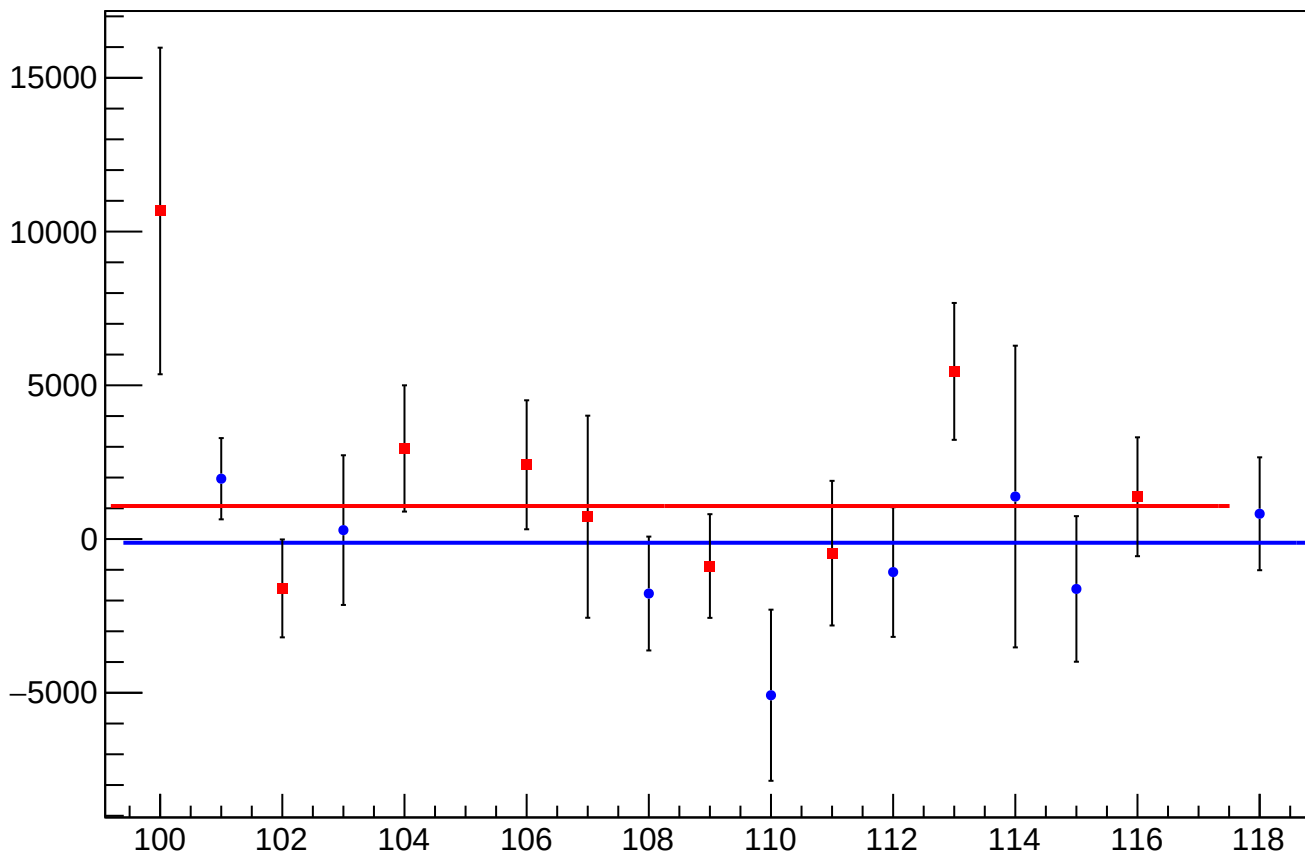
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1323.945+/-0.373 χ^2/NDF : 613484.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



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: 1074.417+/-709.083 χ^2/NDF : 13.0/8

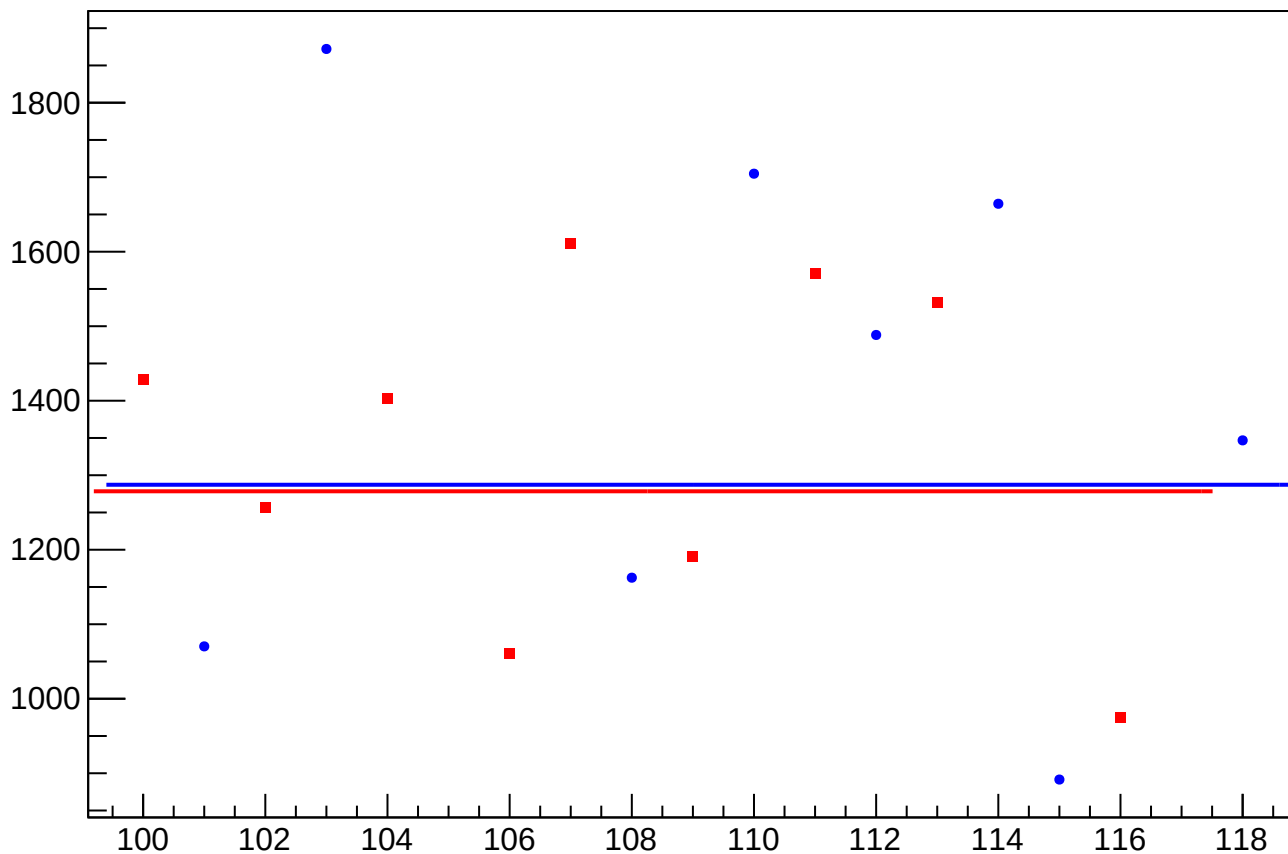
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.918+/-506.841 χ^2/NDF : 21.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



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: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

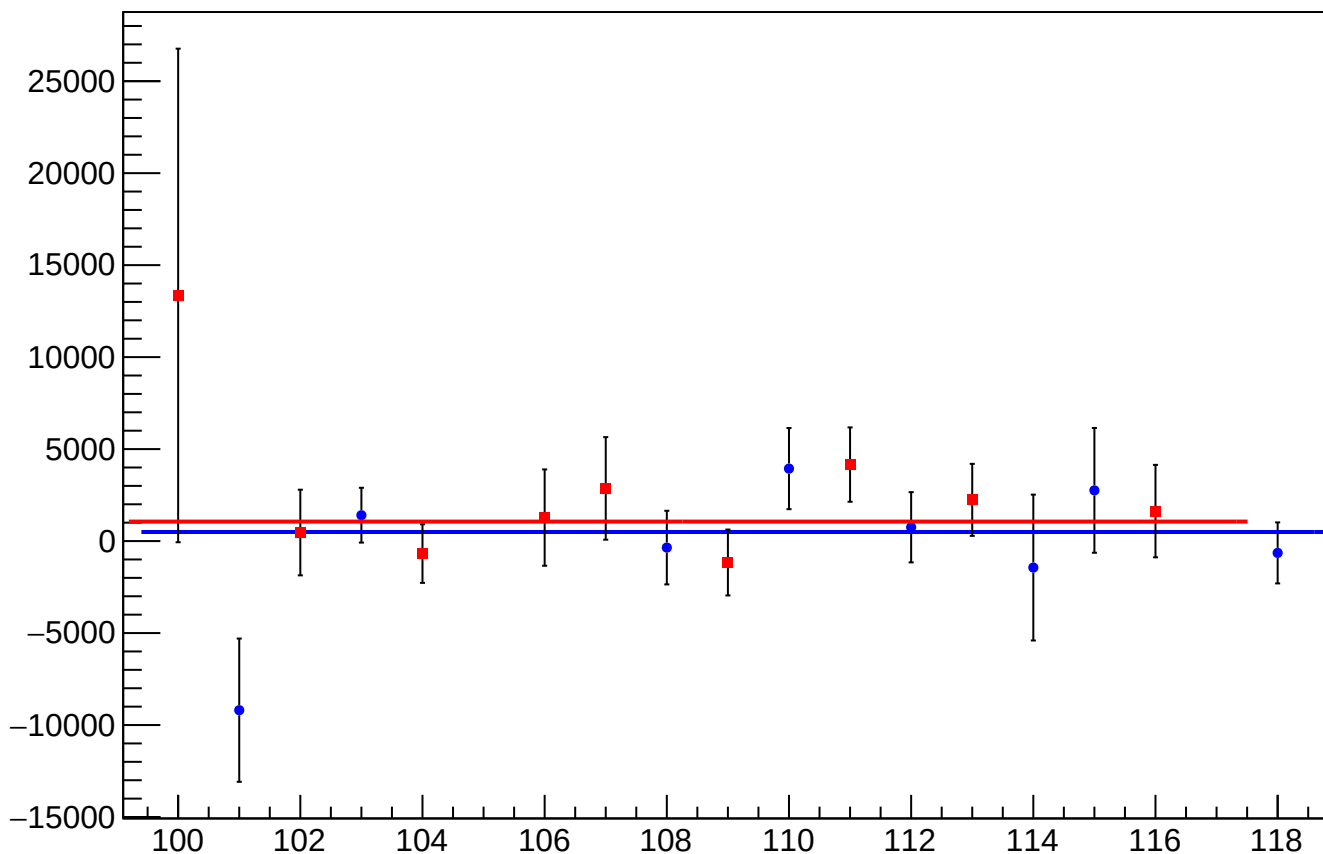
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.729+/-0.358 χ^2/NDF : 474497.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



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: 1059.873+/-738.292 χ^2/NDF : 6.8/8

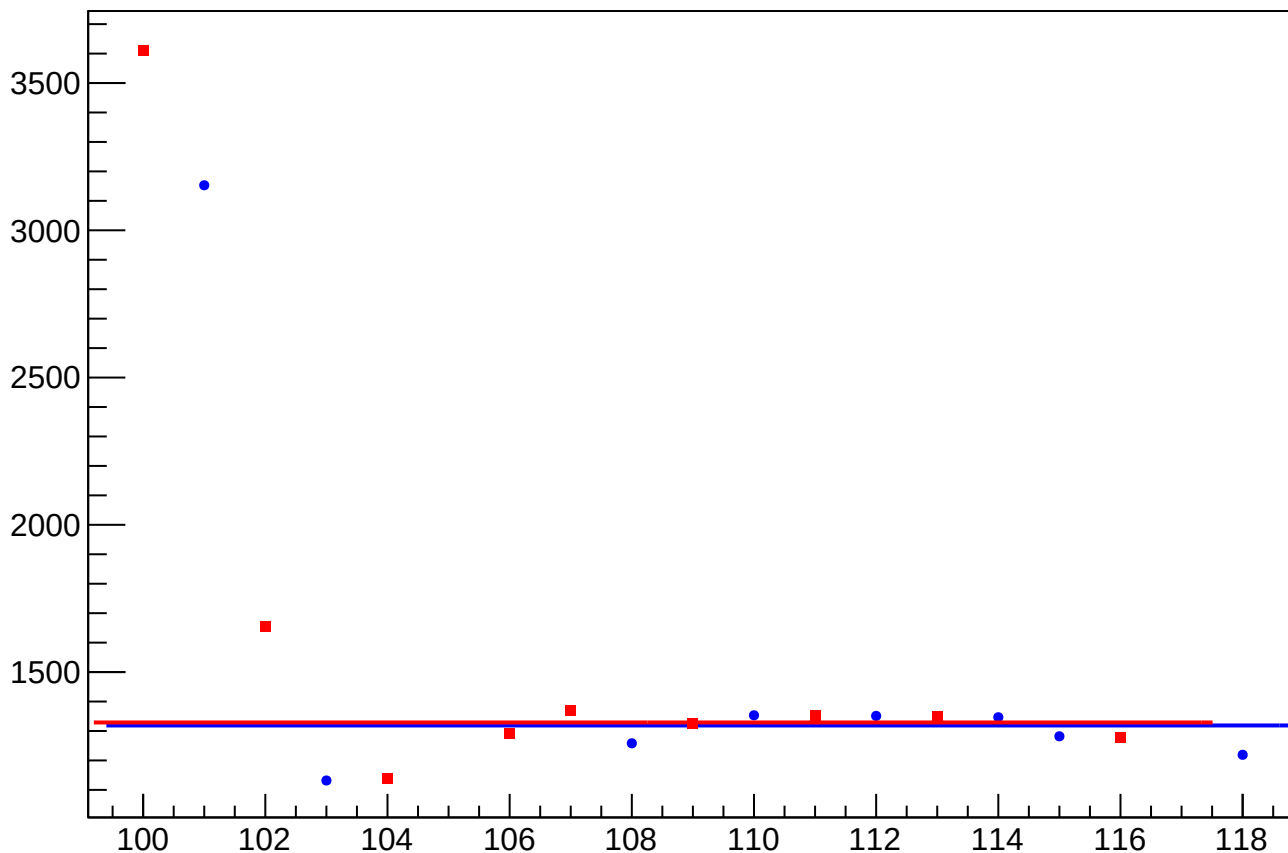
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.764+/-527.422 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1318.764 $\pm$ 0.533 χ^2 /NDF: 485829.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1328.917 $\pm$ 0.522 χ^2 /NDF: 127469.1/8

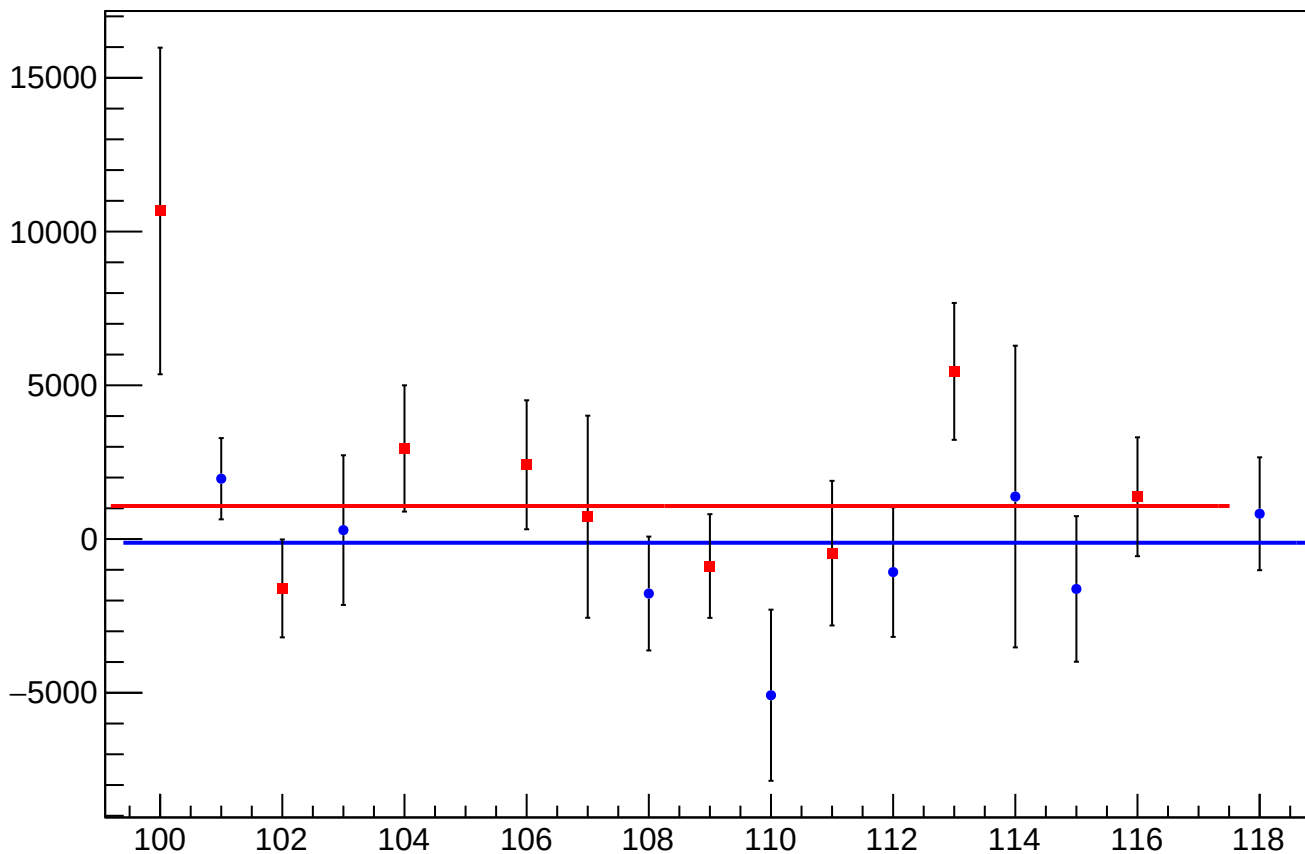
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1323.945 $\pm$ 0.373 χ^2 /NDF: 613484.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug



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: 1074.417+/-709.083 χ^2/NDF : 13.0/8

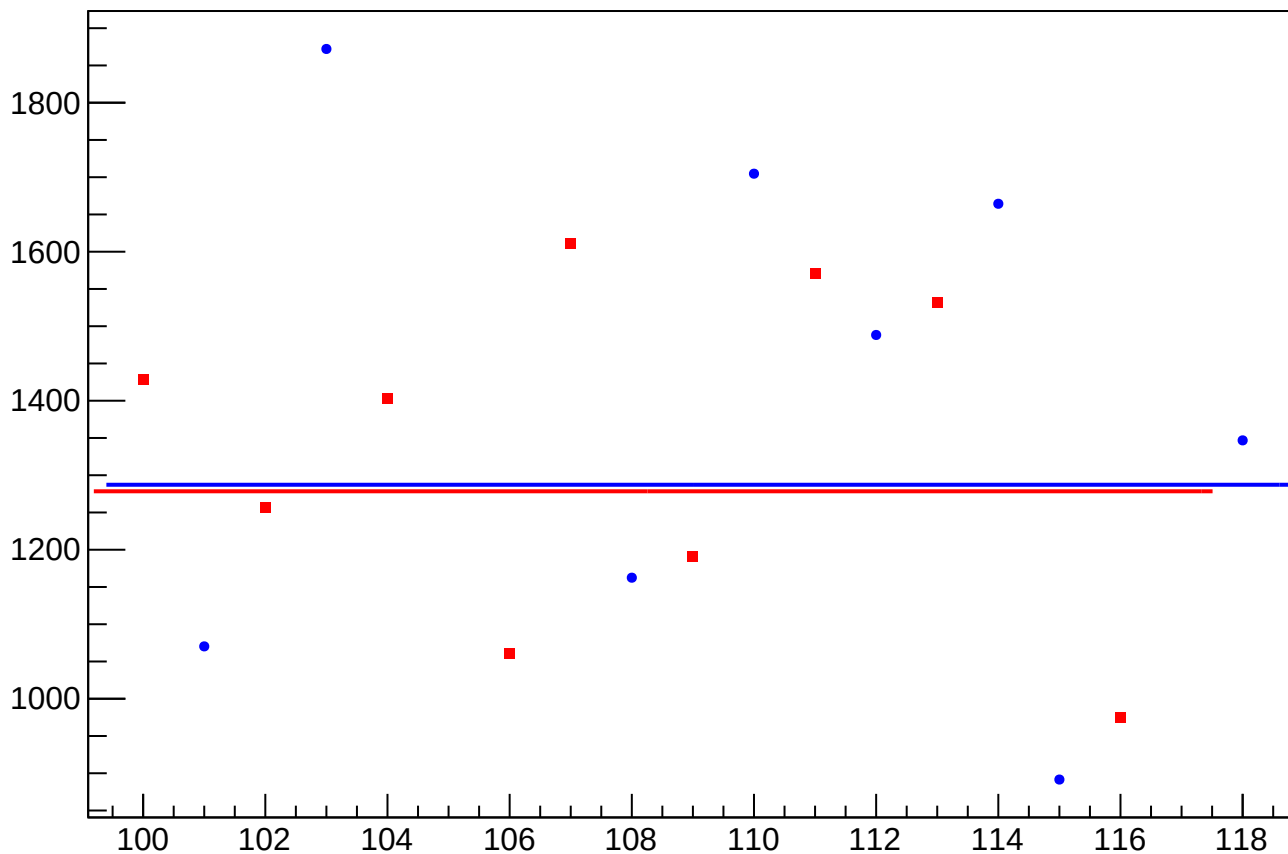
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.918+/-506.841 χ^2/NDF : 21.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug



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: 1278.434+/-0.501 χ^2/NDF : 162904.5/8

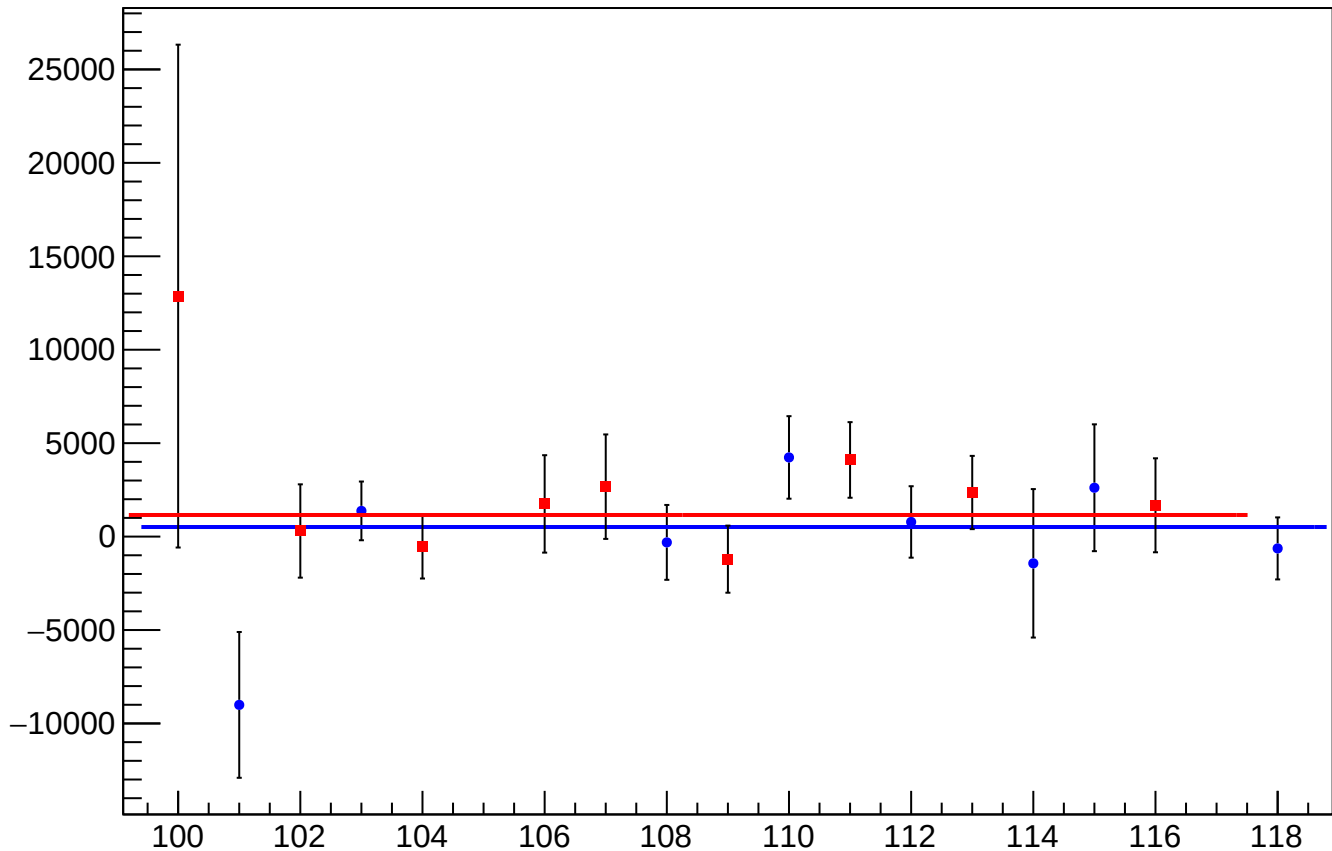
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1282.729+/-0.358 χ^2/NDF : 474497.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 512.804 $\pm$ 764.281 χ^2 /NDF: 10.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1156.272 $\pm$ 753.621 χ^2 /NDF: 6.5/8

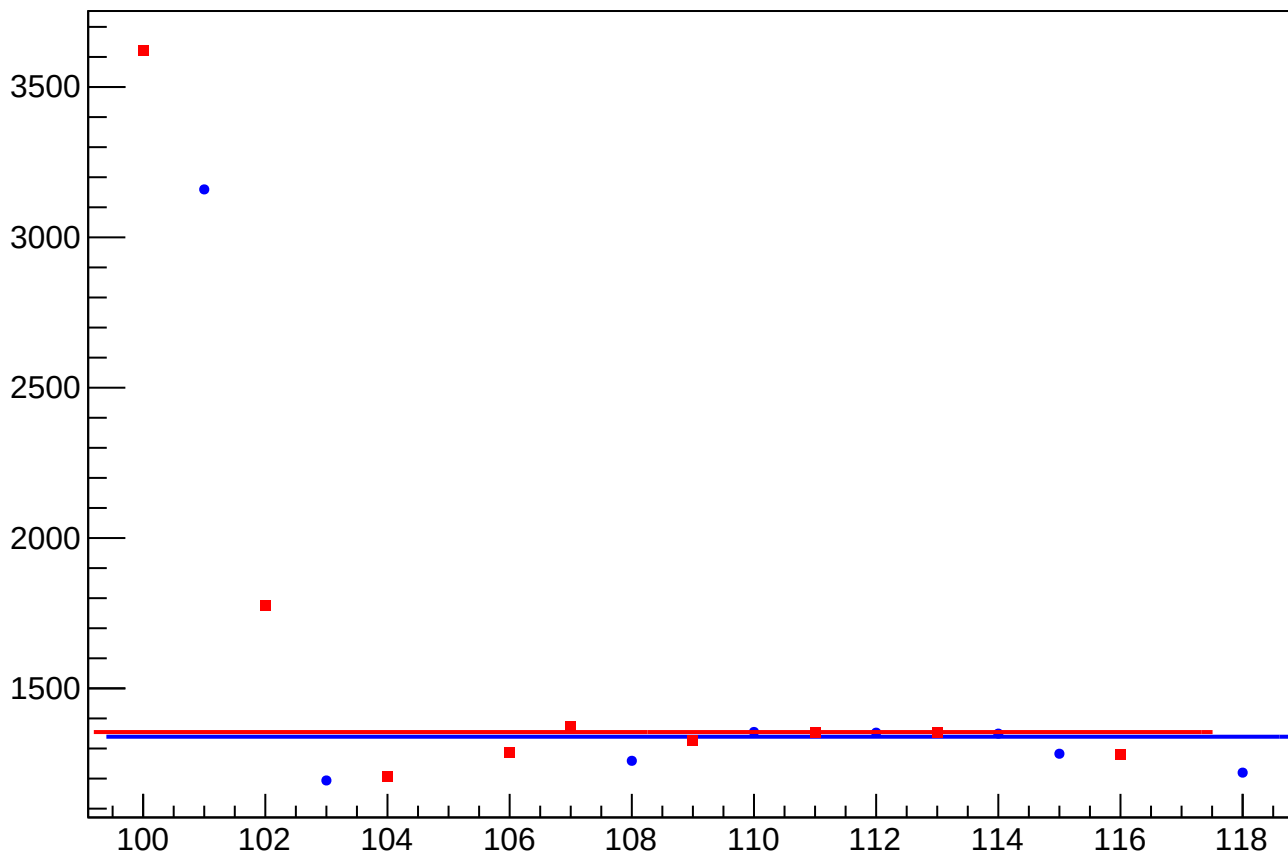
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 839.057 $\pm$ 536.620 χ^2 /NDF: 17.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1339.205 $\pm$ 0.540 χ^2 /NDF: 466868.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.744 $\pm$ 0.533 χ^2 /NDF: 132440.6/8

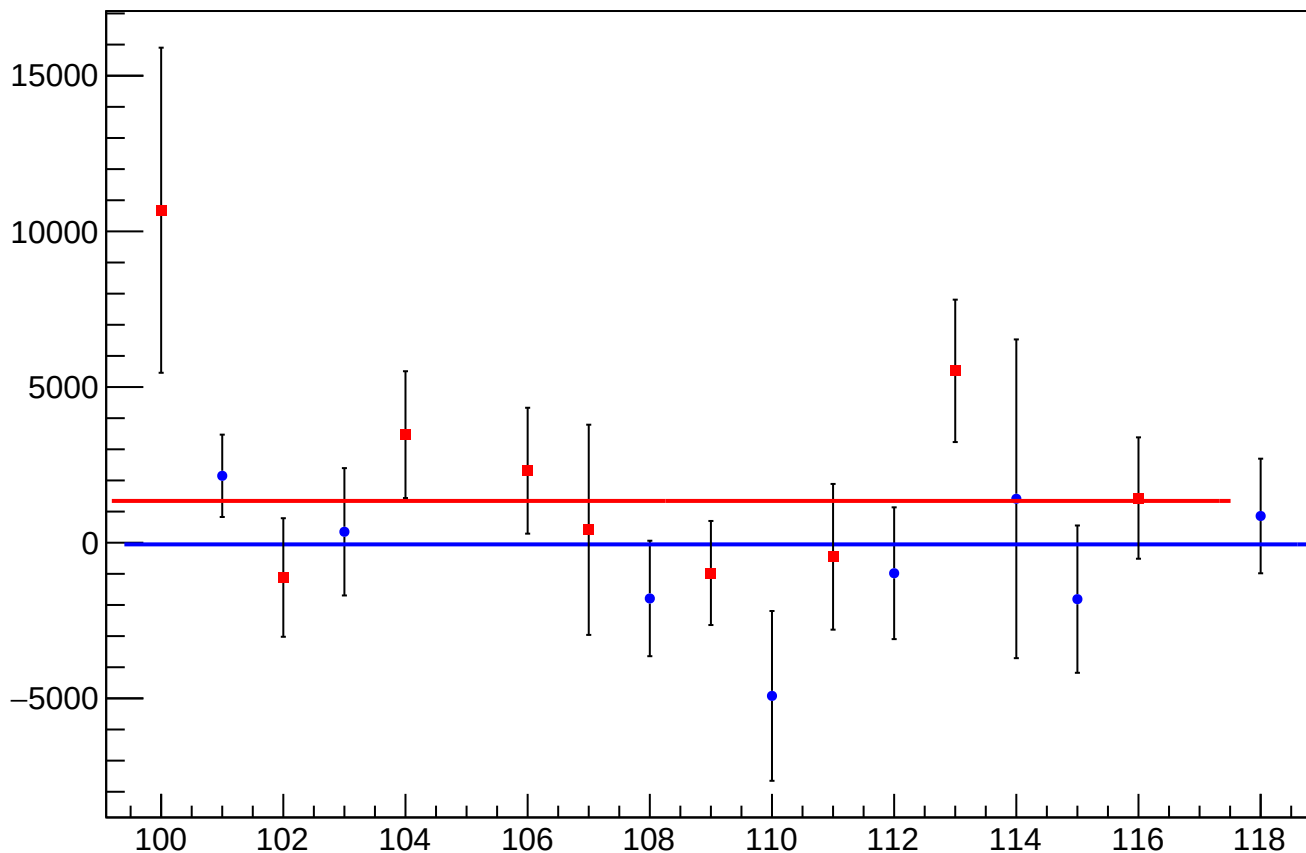
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.084 $\pm$ 0.379 χ^2 /NDF: 599727.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: -53.738 $\pm$ 712.265 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1342.062 $\pm$ 729.166 χ^2 /NDF: 12.1/8

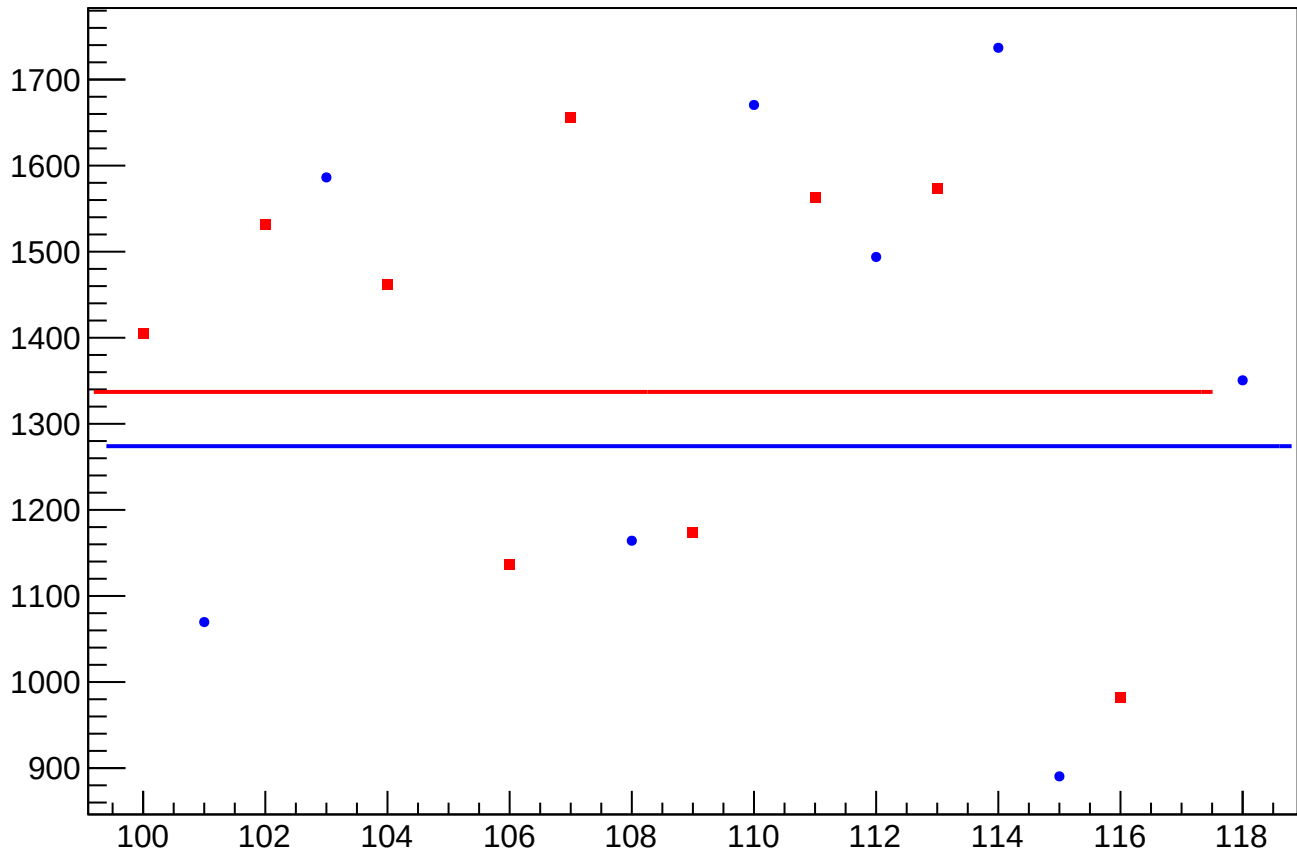
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 627.799 $\pm$ 509.518 χ^2 /NDF: 21.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1274.028 $\pm$ 0.504 χ^2 /NDF: 237603.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1337.062 $\pm$ 0.516 χ^2 /NDF: 191429.3/8

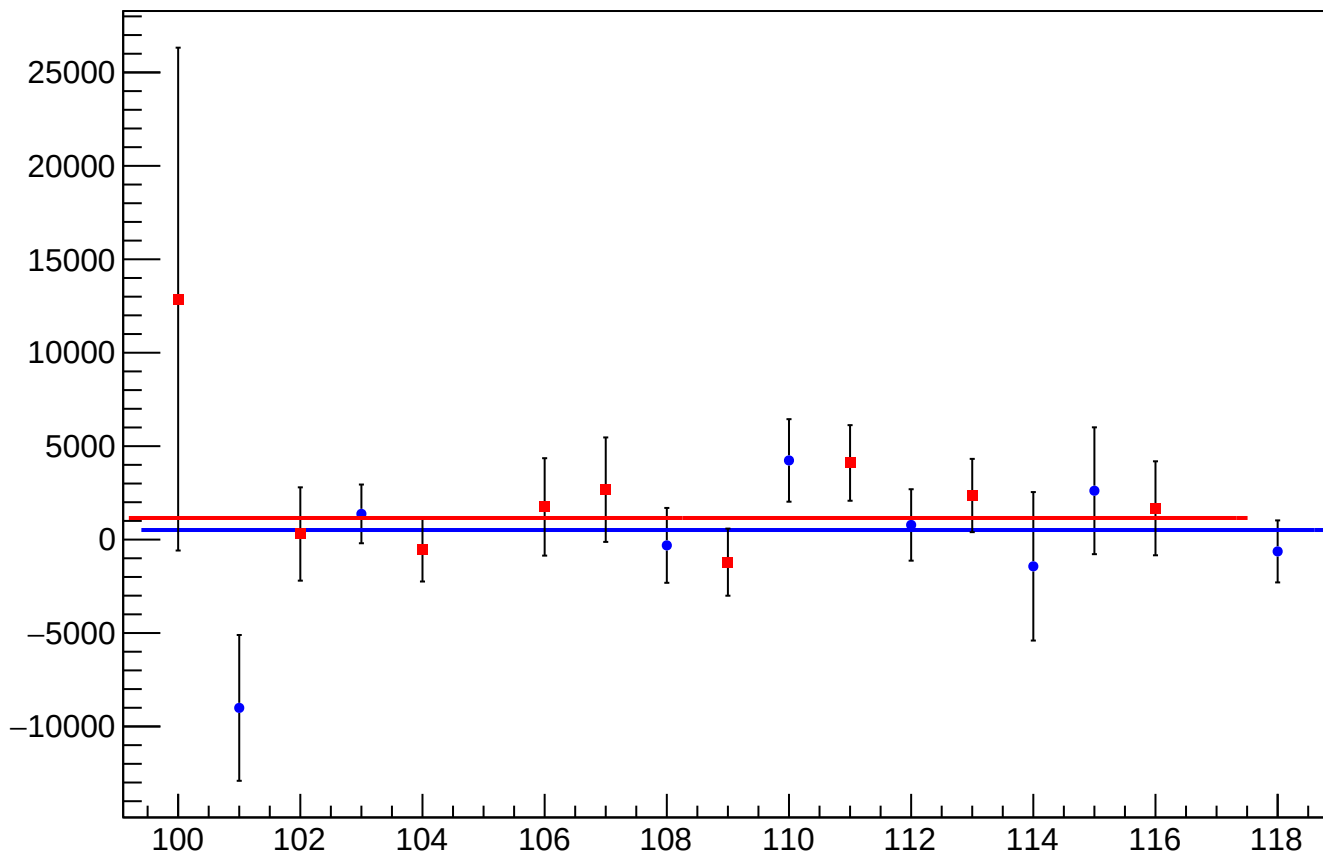
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1304.806 $\pm$ 0.360 χ^2 /NDF: 436681.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



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: 1156.273+/-753.620 χ^2/NDF : 6.5/8

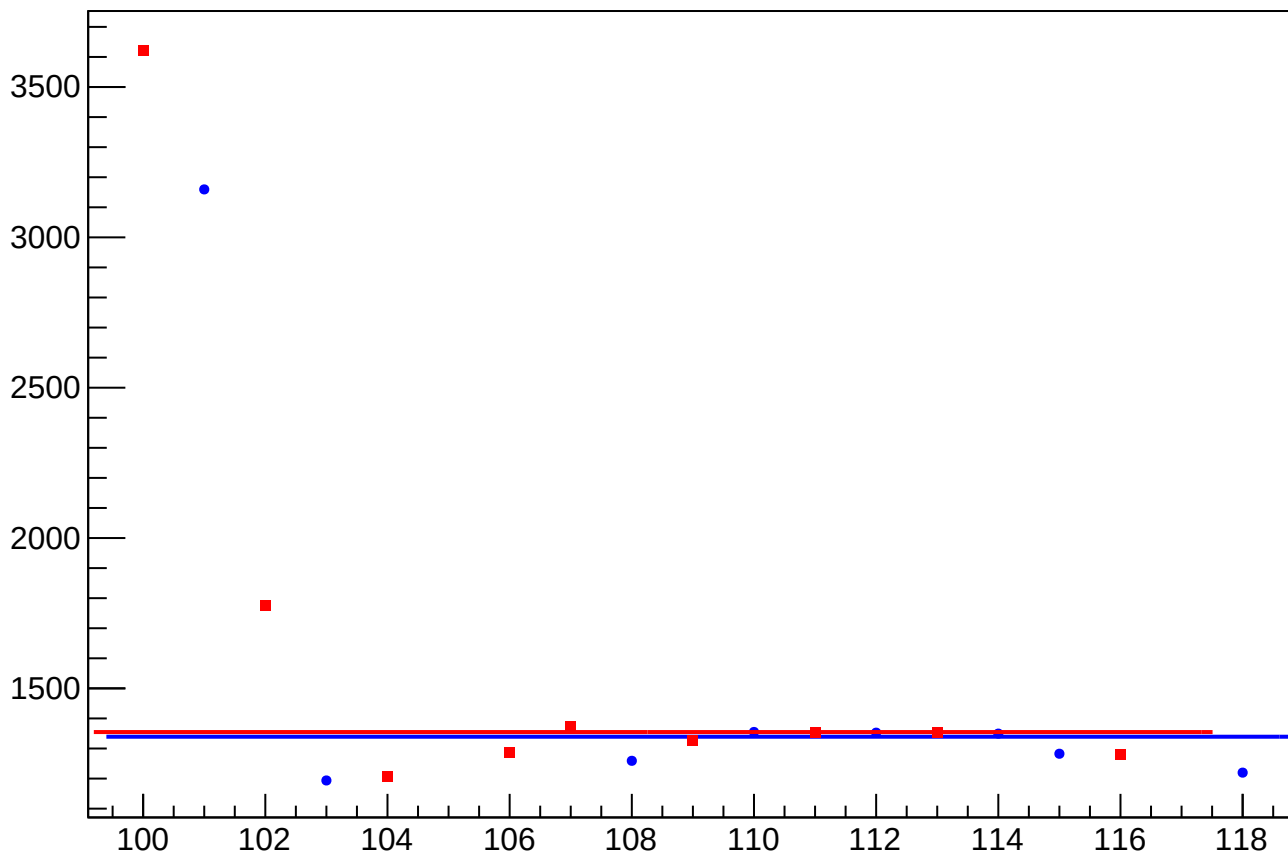
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 839.055+/-536.620 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1339.205 $\pm$ 0.540 χ^2 /NDF: 466868.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1354.744 $\pm$ 0.533 χ^2 /NDF: 132440.5/8

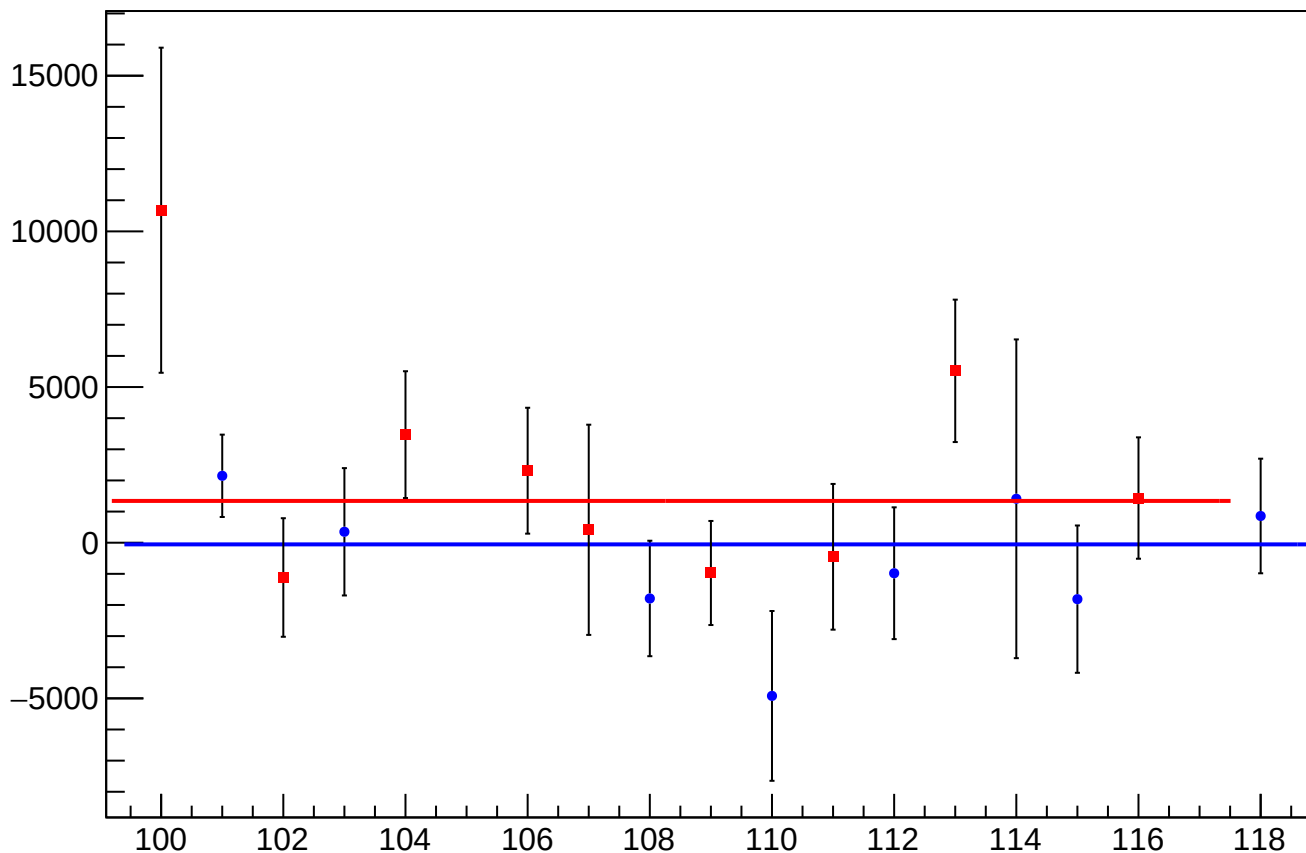
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1347.084 $\pm$ 0.379 χ^2 /NDF: 599728.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



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: 1342.066+/-729.166 χ^2/NDF : 12.1/8

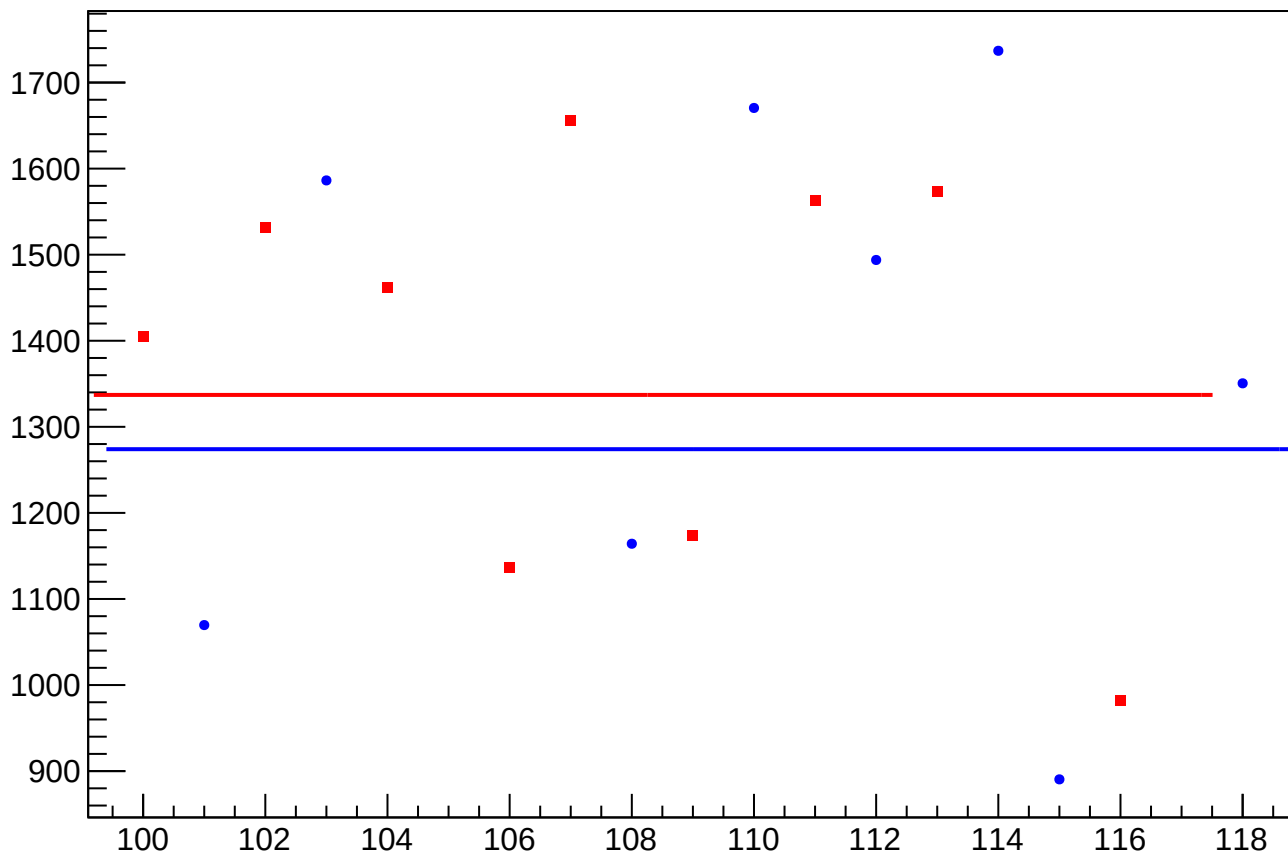
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.798+/-509.517 χ^2/NDF : 21.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1274.025 $\pm$ 0.504 χ^2 /NDF: 237608.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1337.063 $\pm$ 0.516 χ^2 /NDF: 191428.6/8

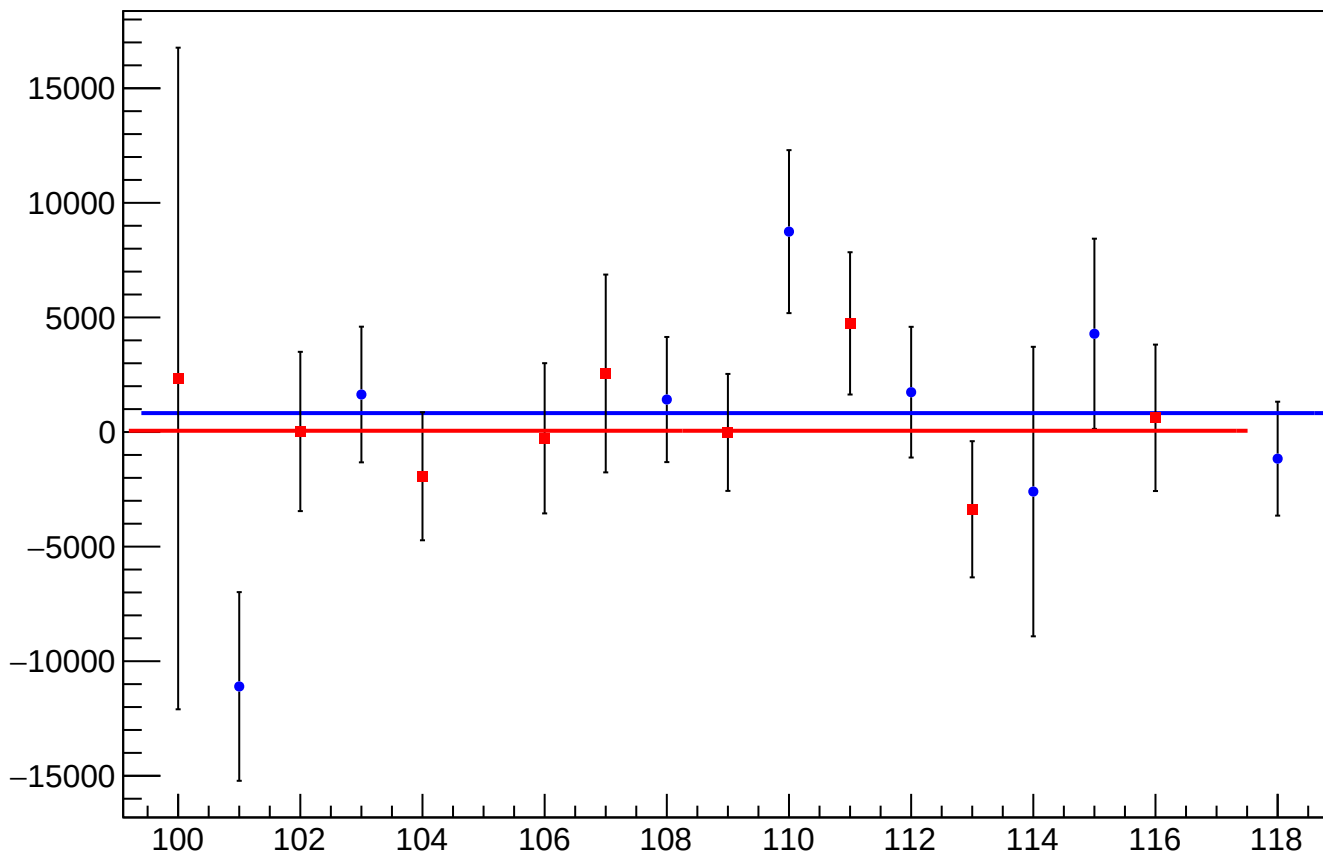
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1304.805 $\pm$ 0.360 χ^2 /NDF: 436686.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



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: 55.138+/-1096.854 χ^2/NDF : 4.5/8

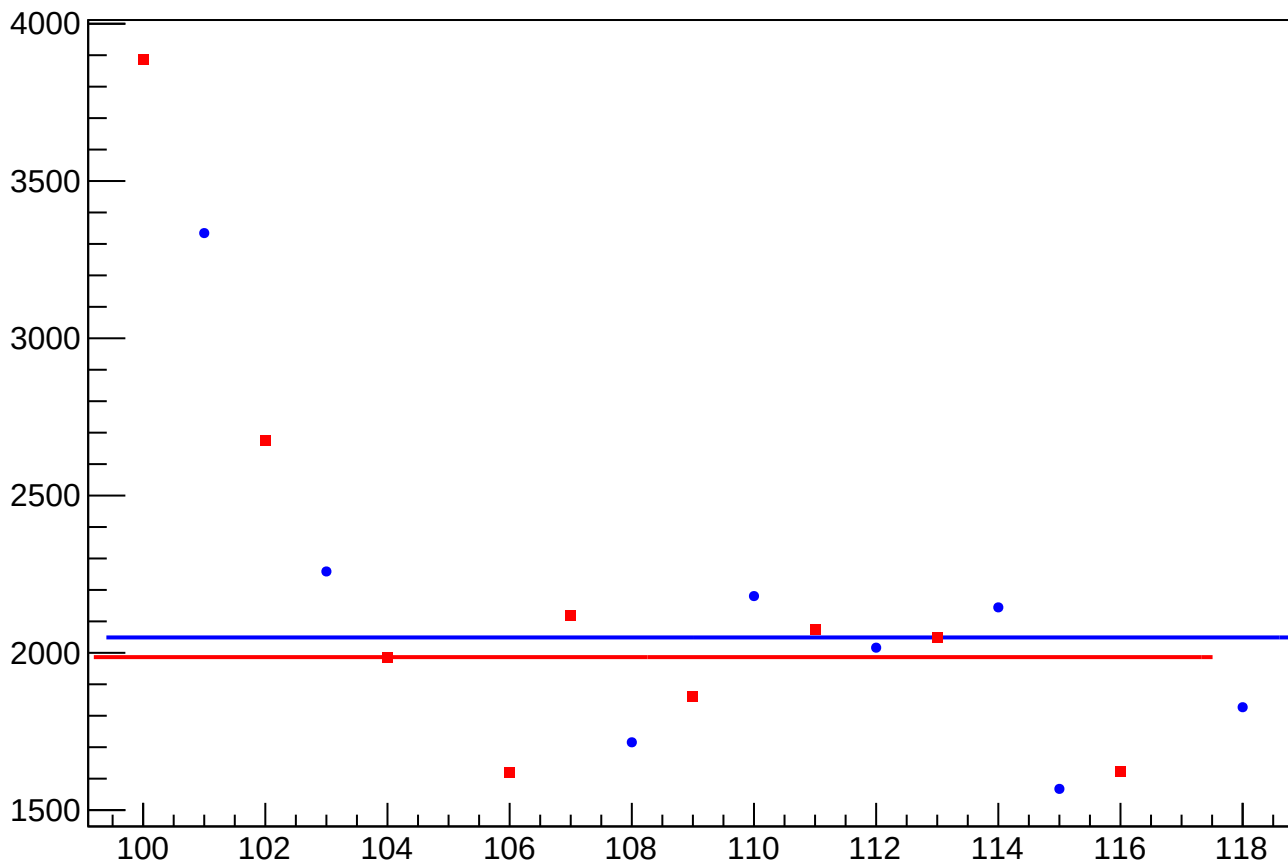
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.782+/-794.154 χ^2/NDF : 20.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



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: 1986.378+/-0.776 χ^2/NDF : 173200.2/8

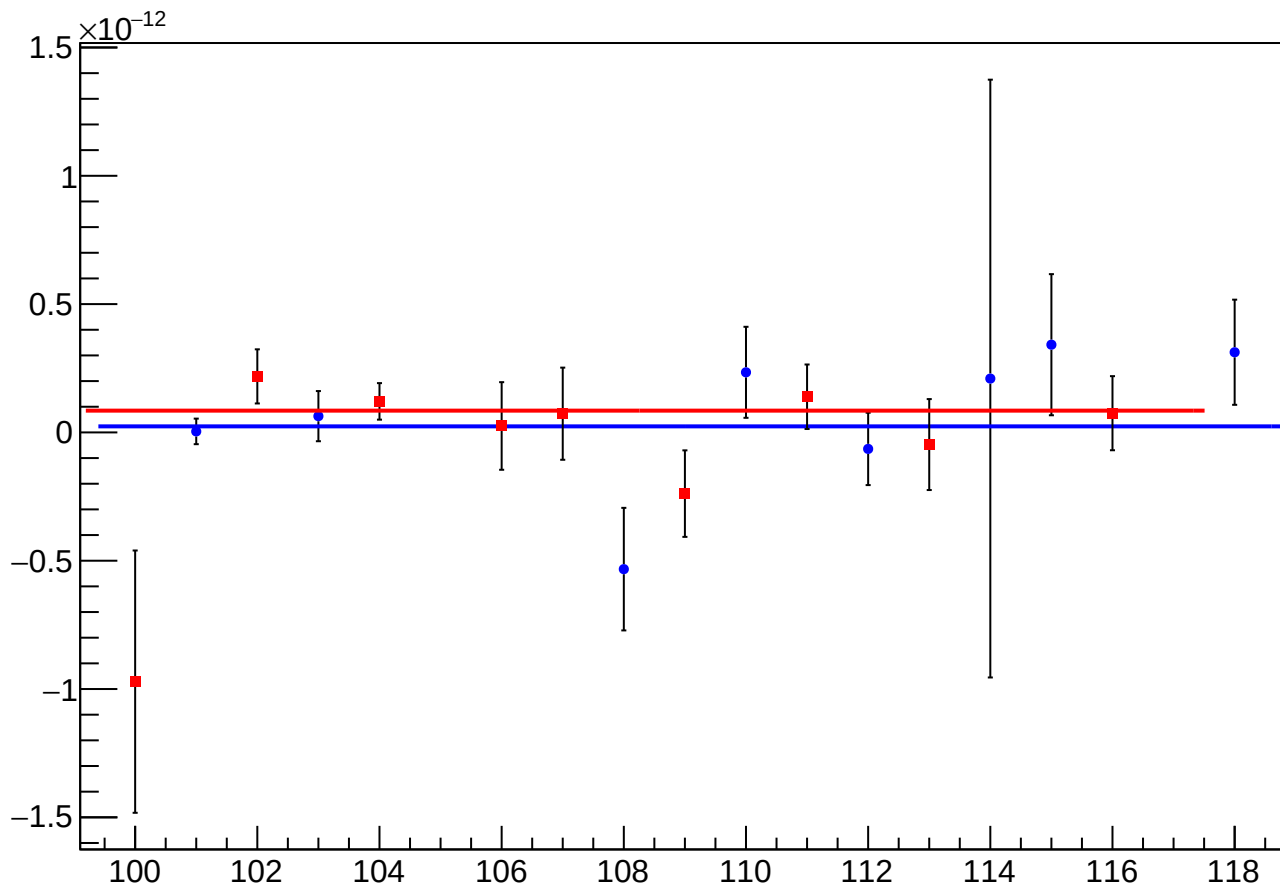
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2016.156+/-0.562 χ^2/NDF : 457534.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/8

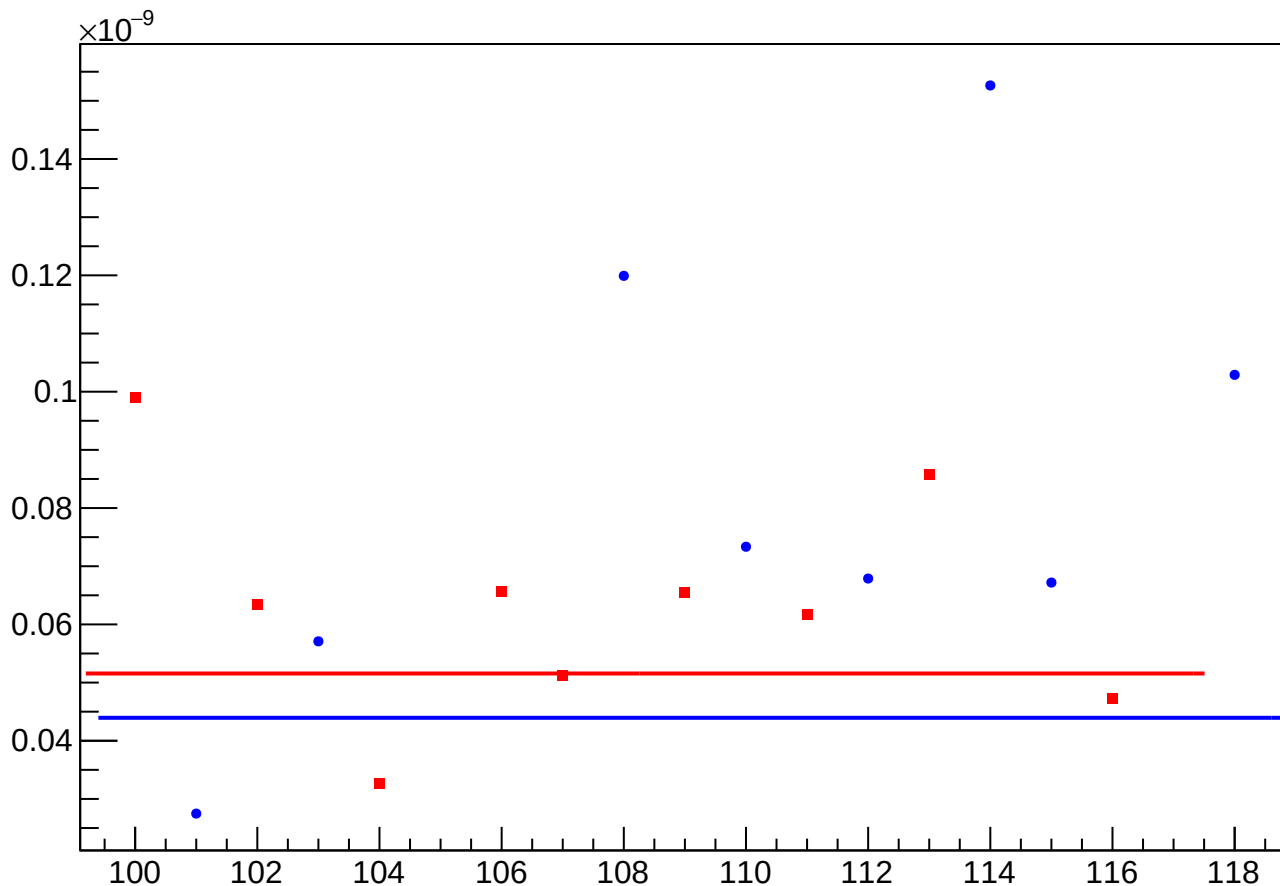
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug



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 : 301444.8/8

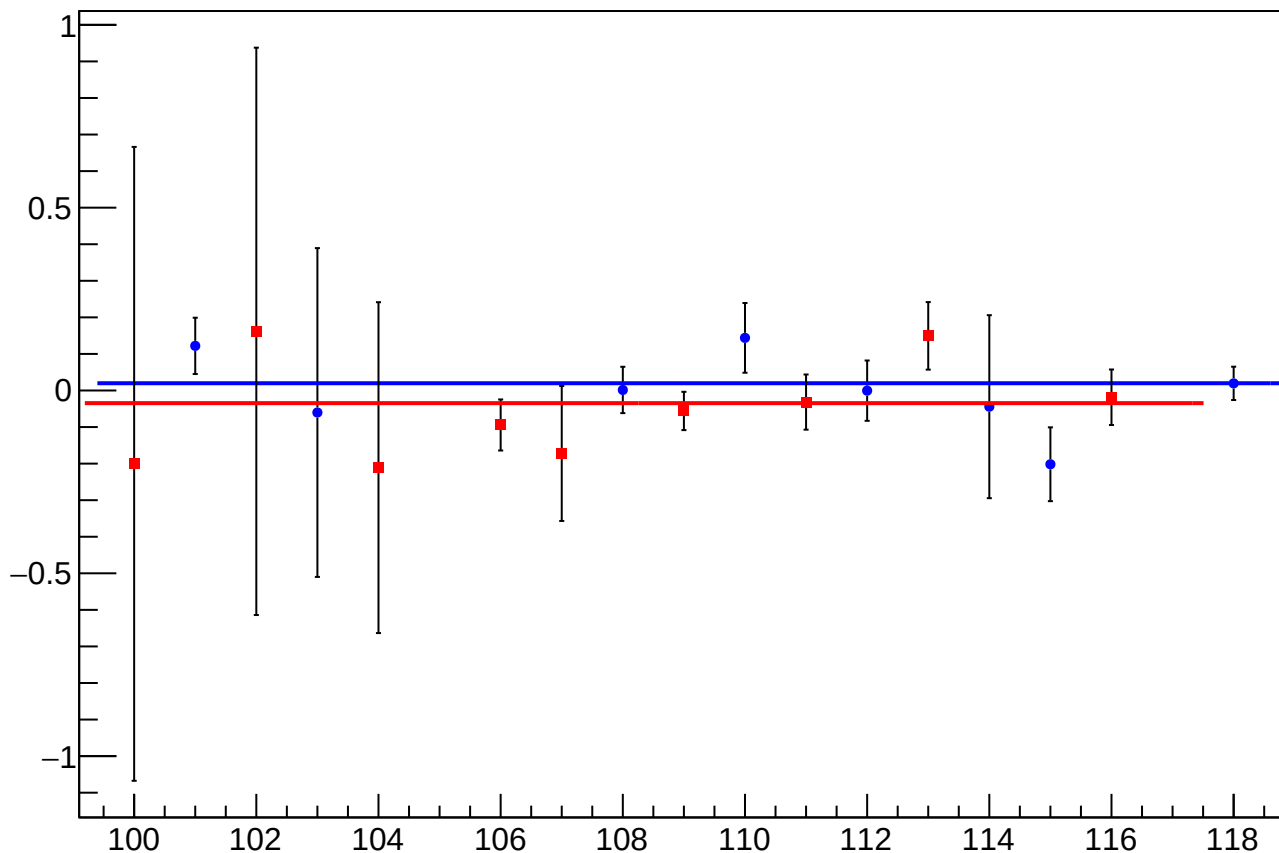
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1102424.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

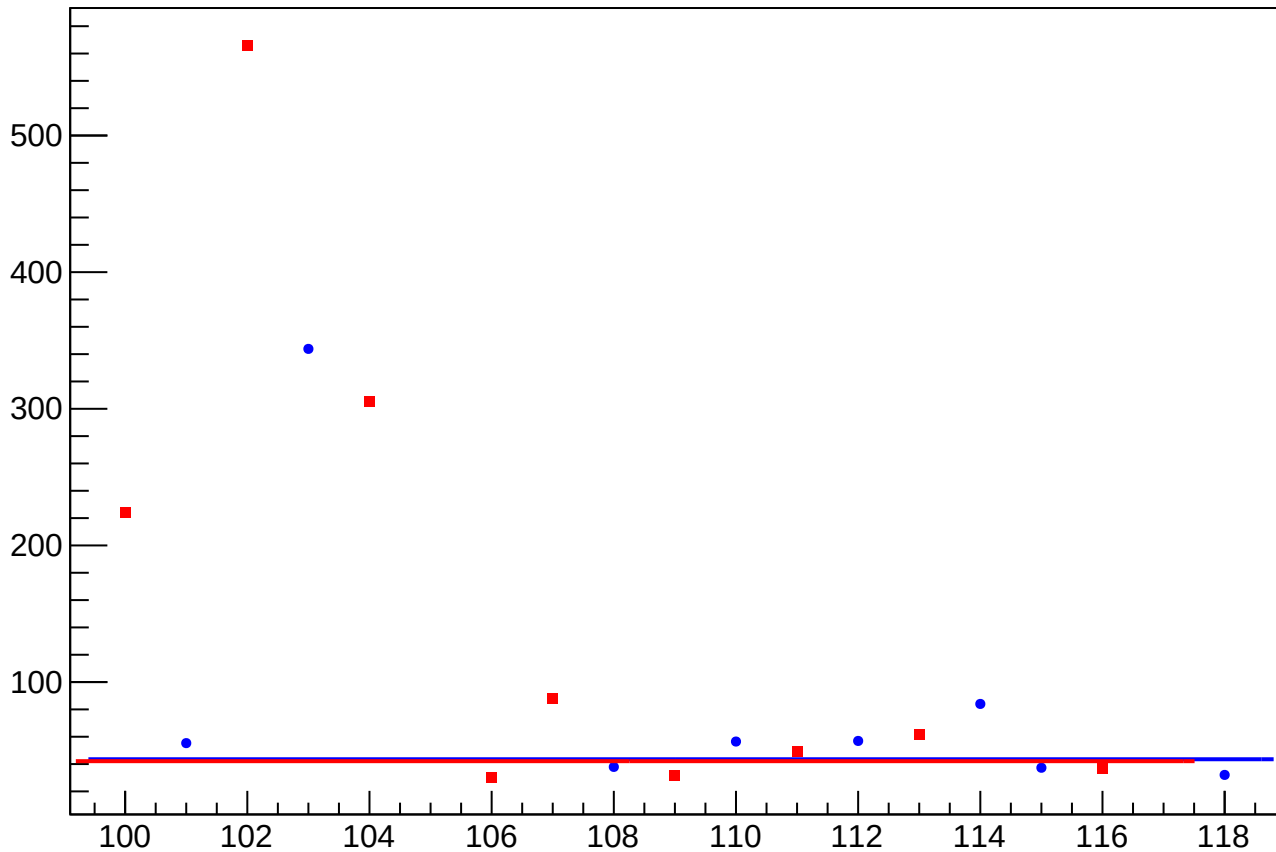
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



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: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

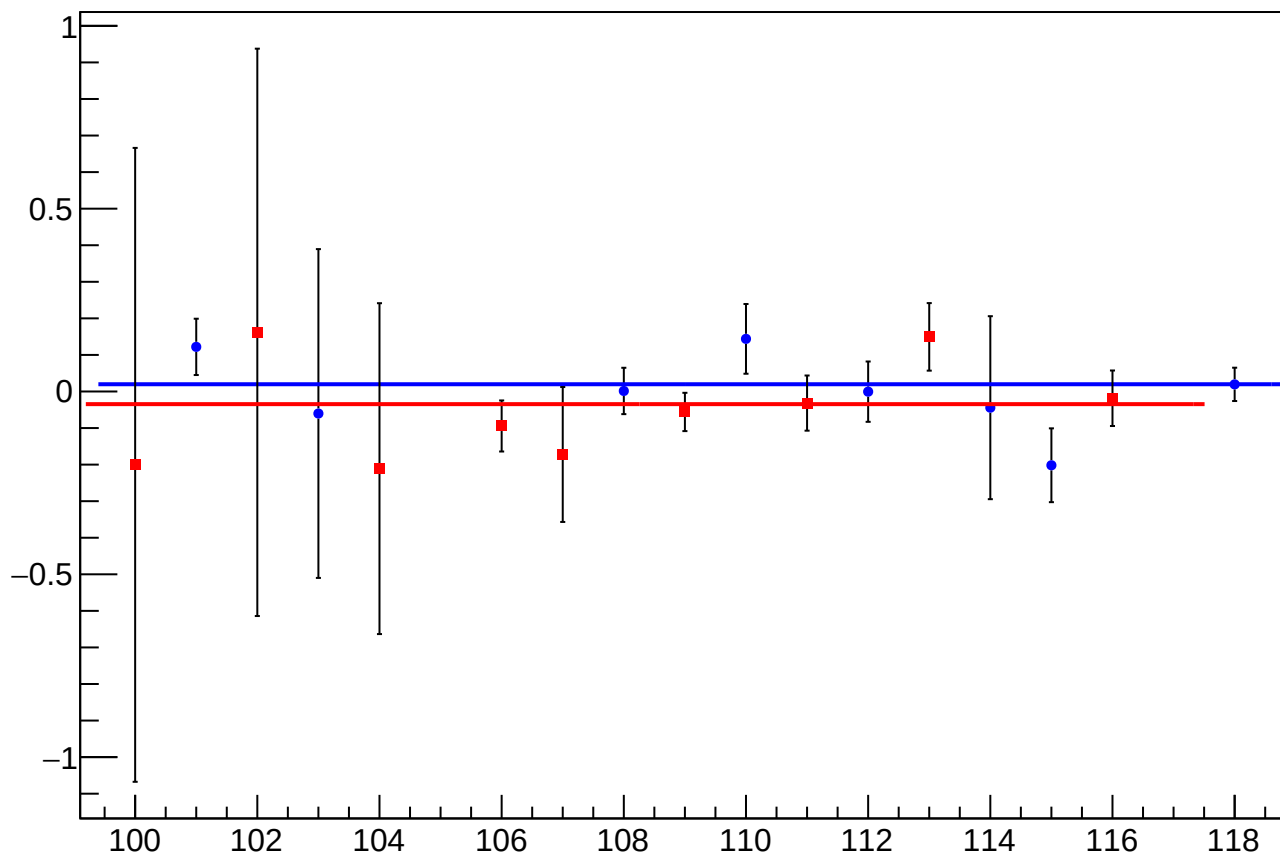
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297652.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

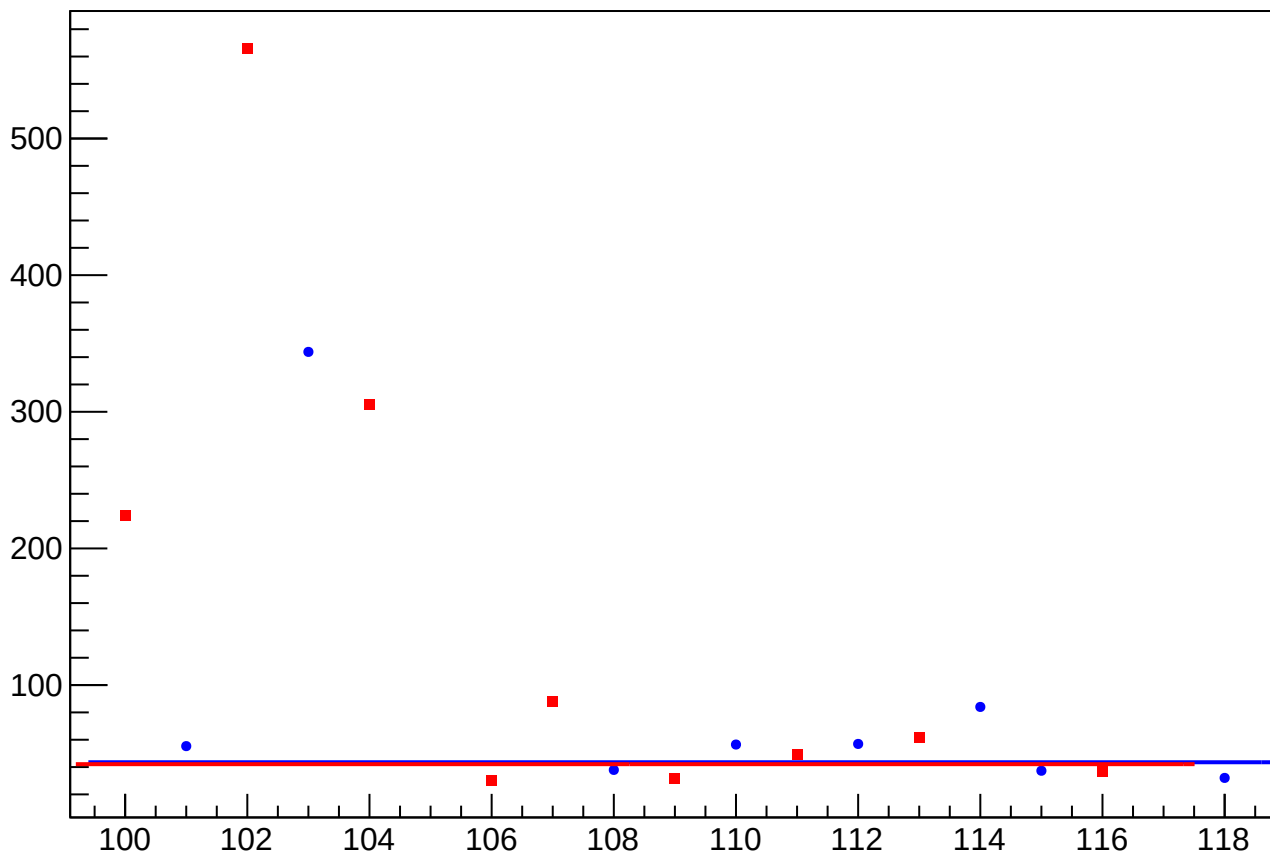
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 42.117+/-0.022 χ^2/NDF : 2064333.6/8

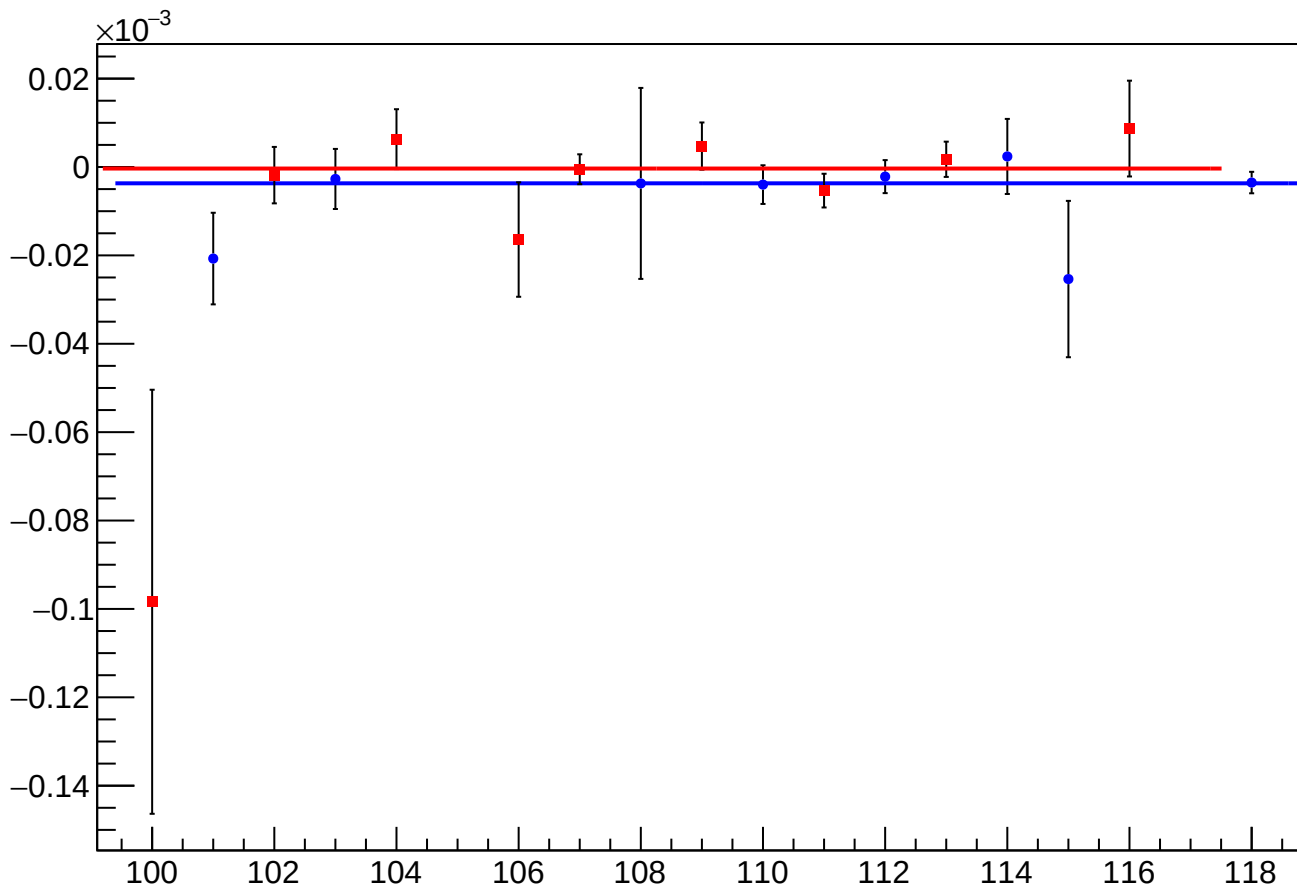
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297652.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 10.3/8

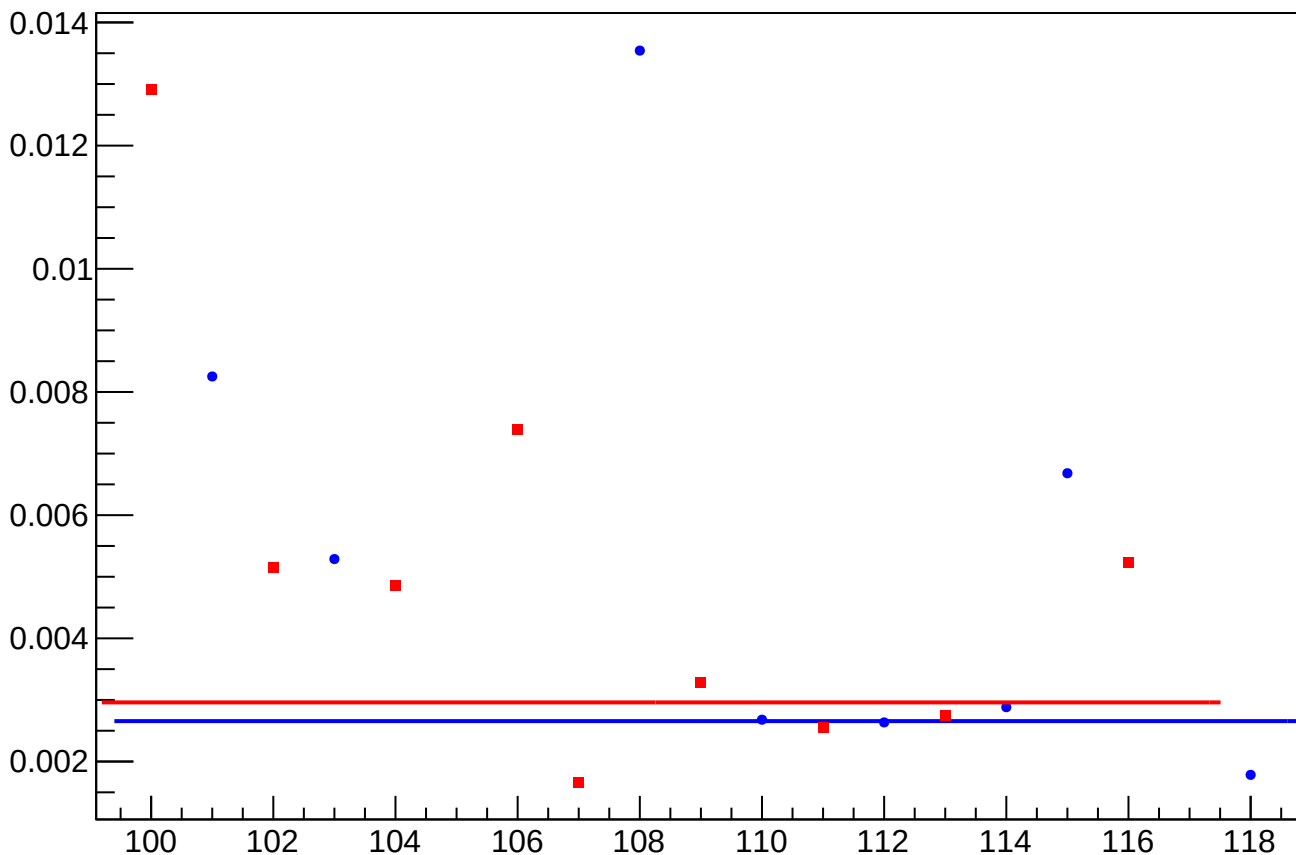
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1133395.4/8

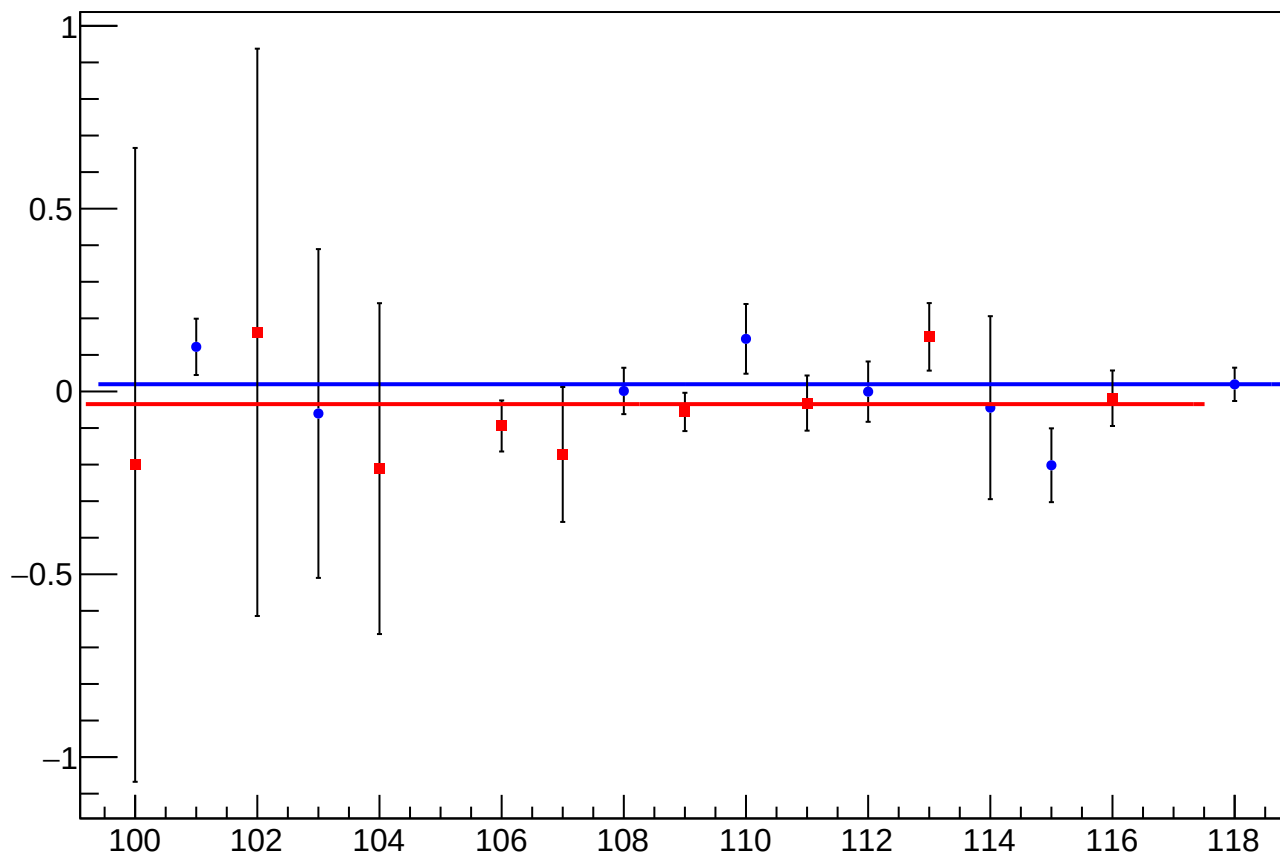
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2917275.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

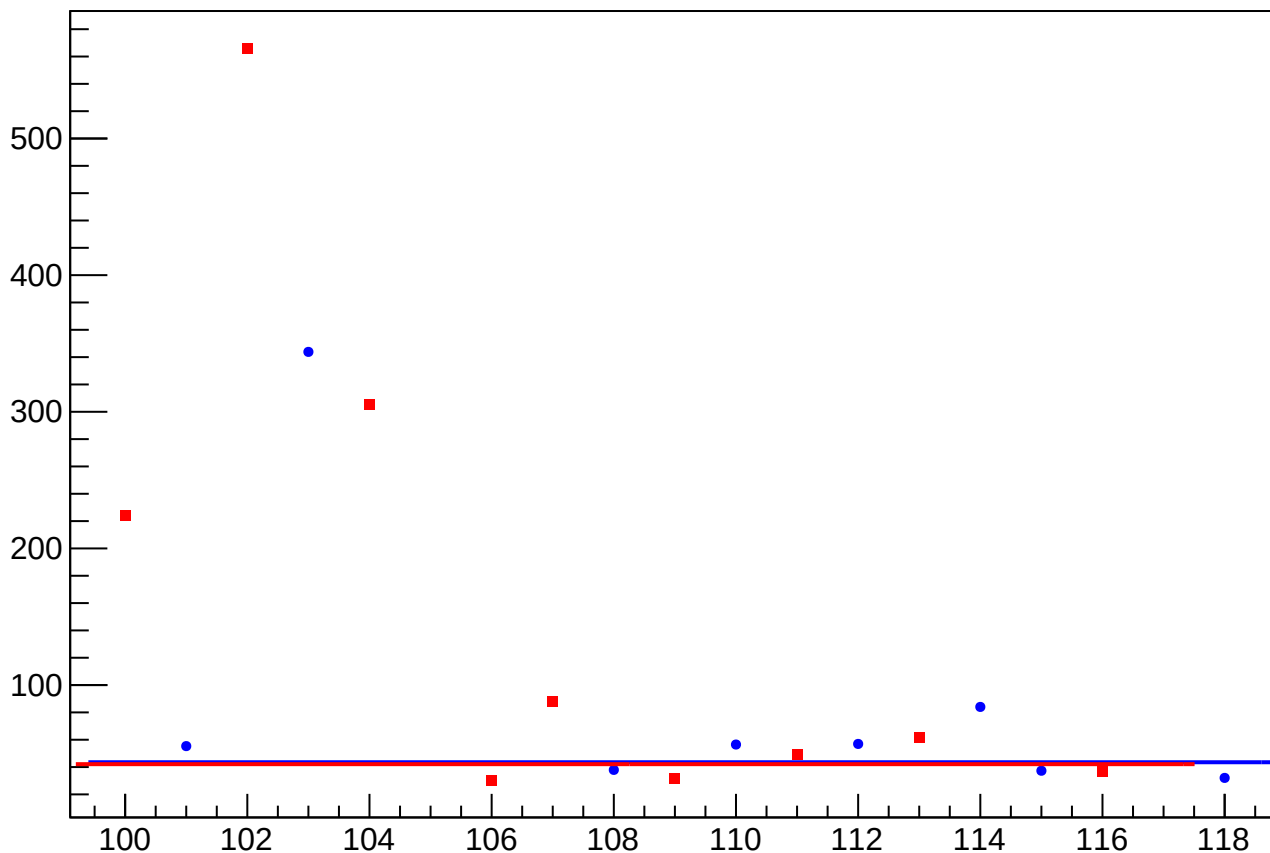
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

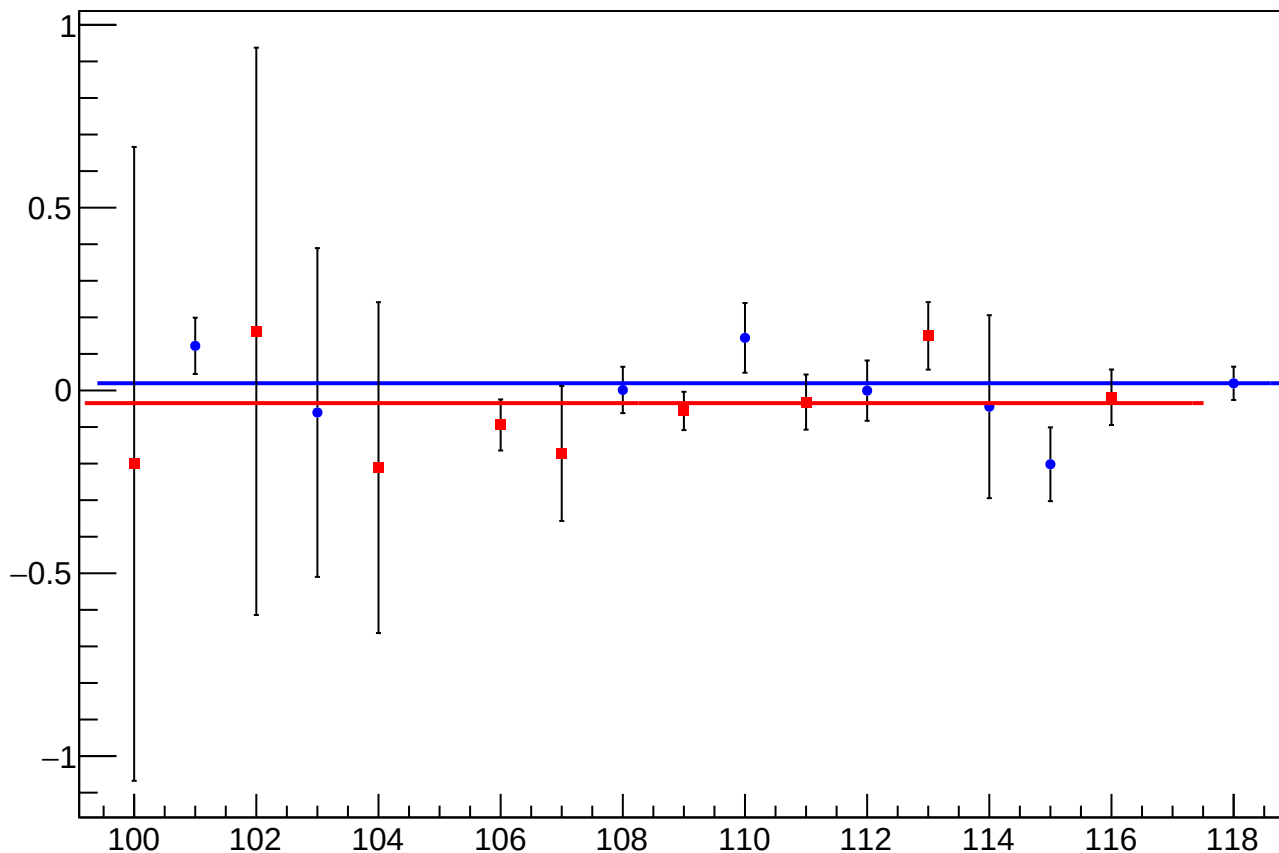
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297698.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.035 $\pm$ 0.031 χ^2 /NDF: 5.7/8

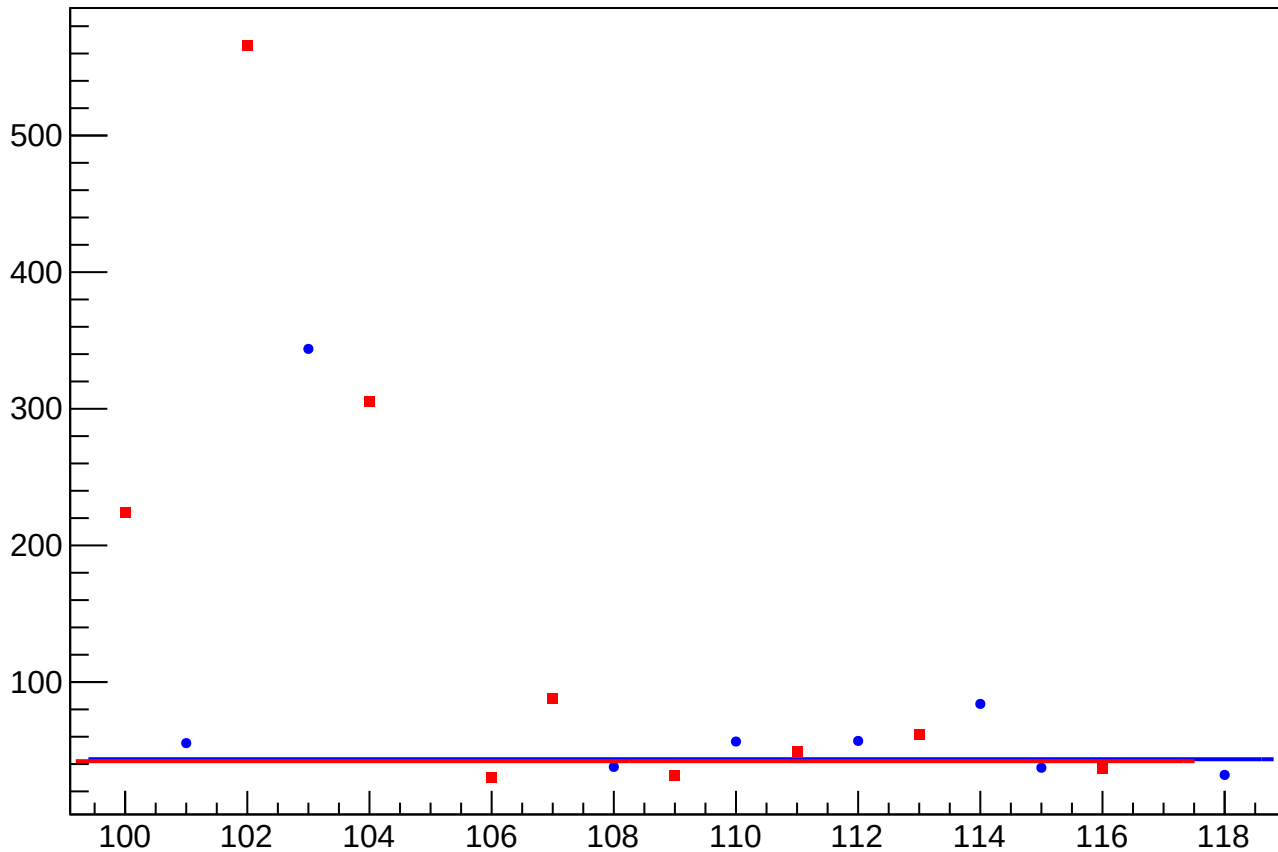
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.021 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 42.115+/-0.022 χ^2/NDF : 2064388.0/8

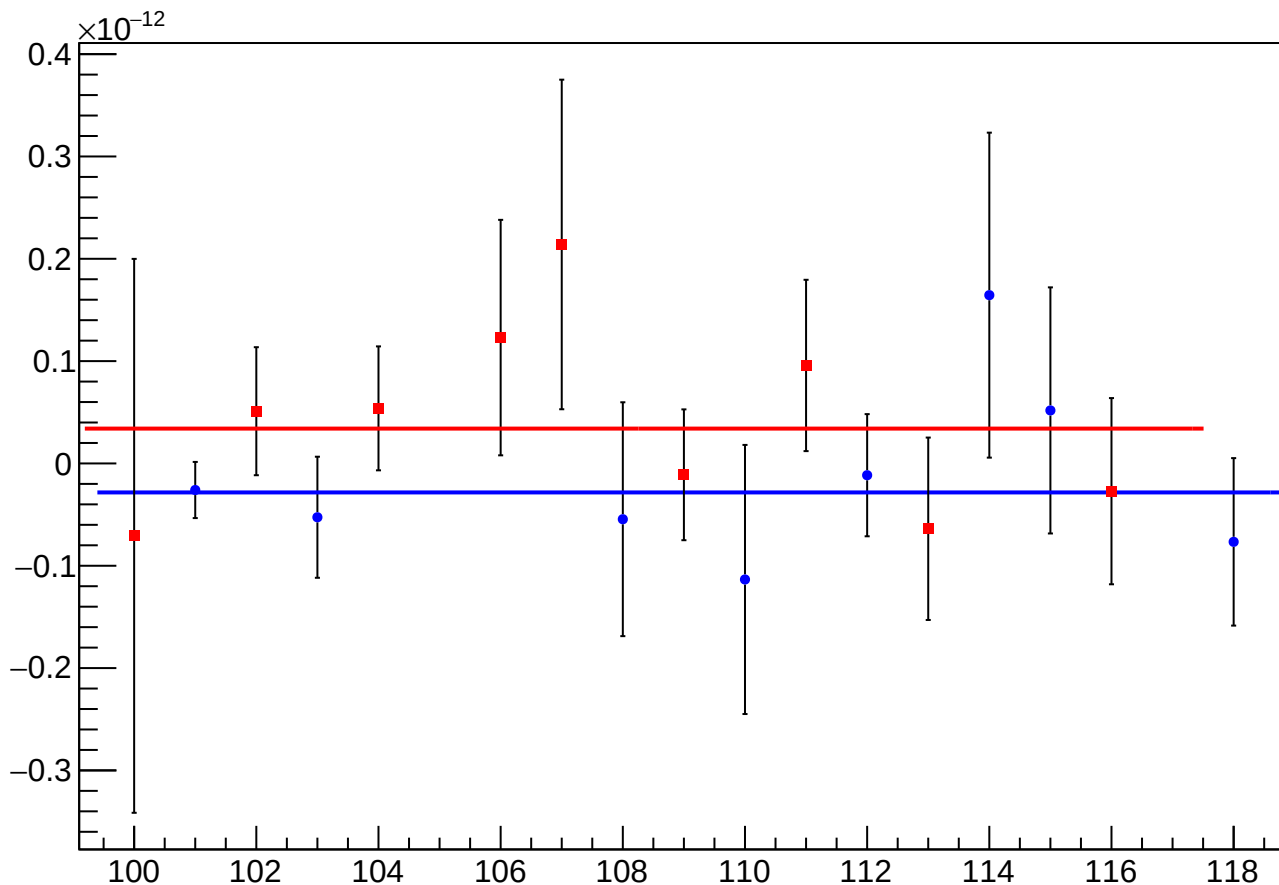
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.878+/-0.015 χ^2/NDF : 3297698.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.9/8

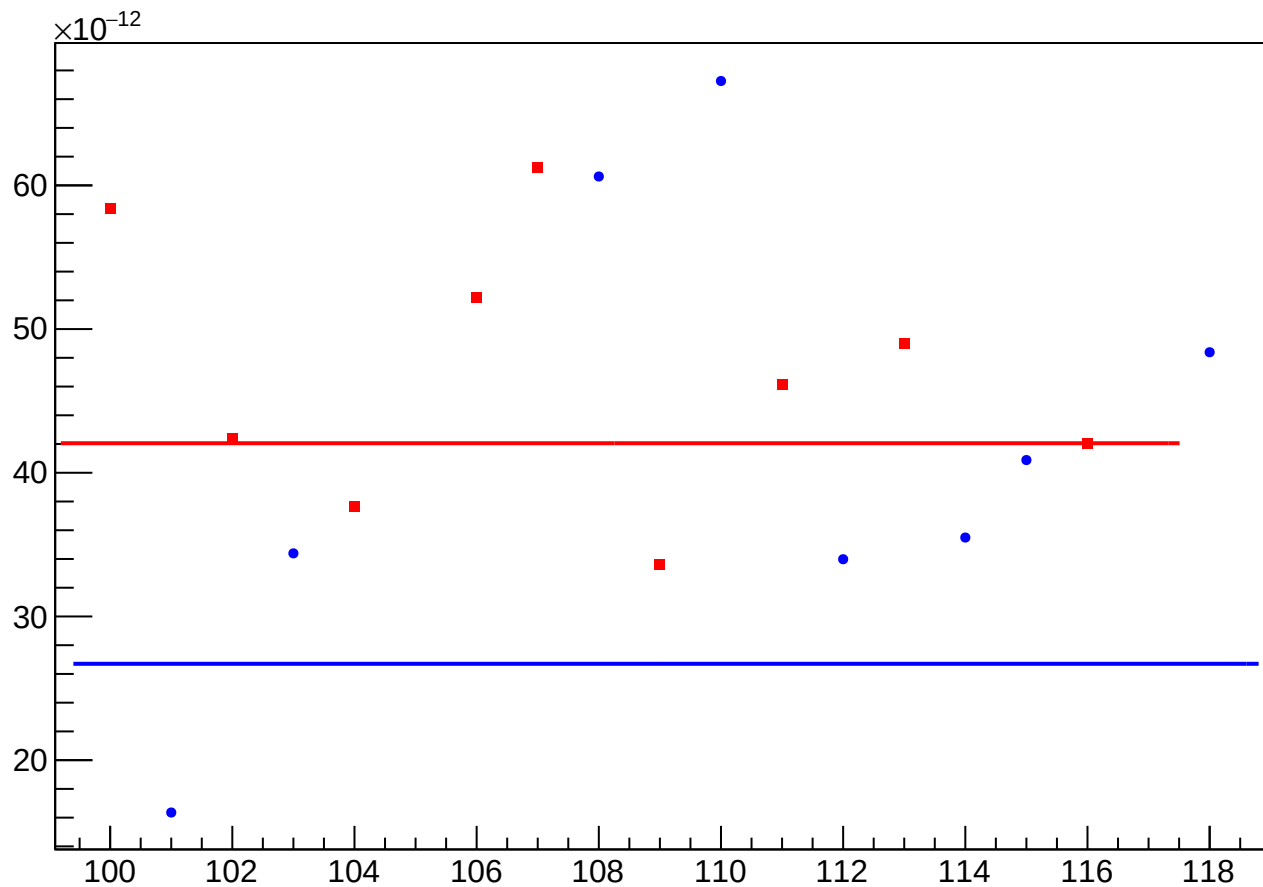
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 113758.3/8

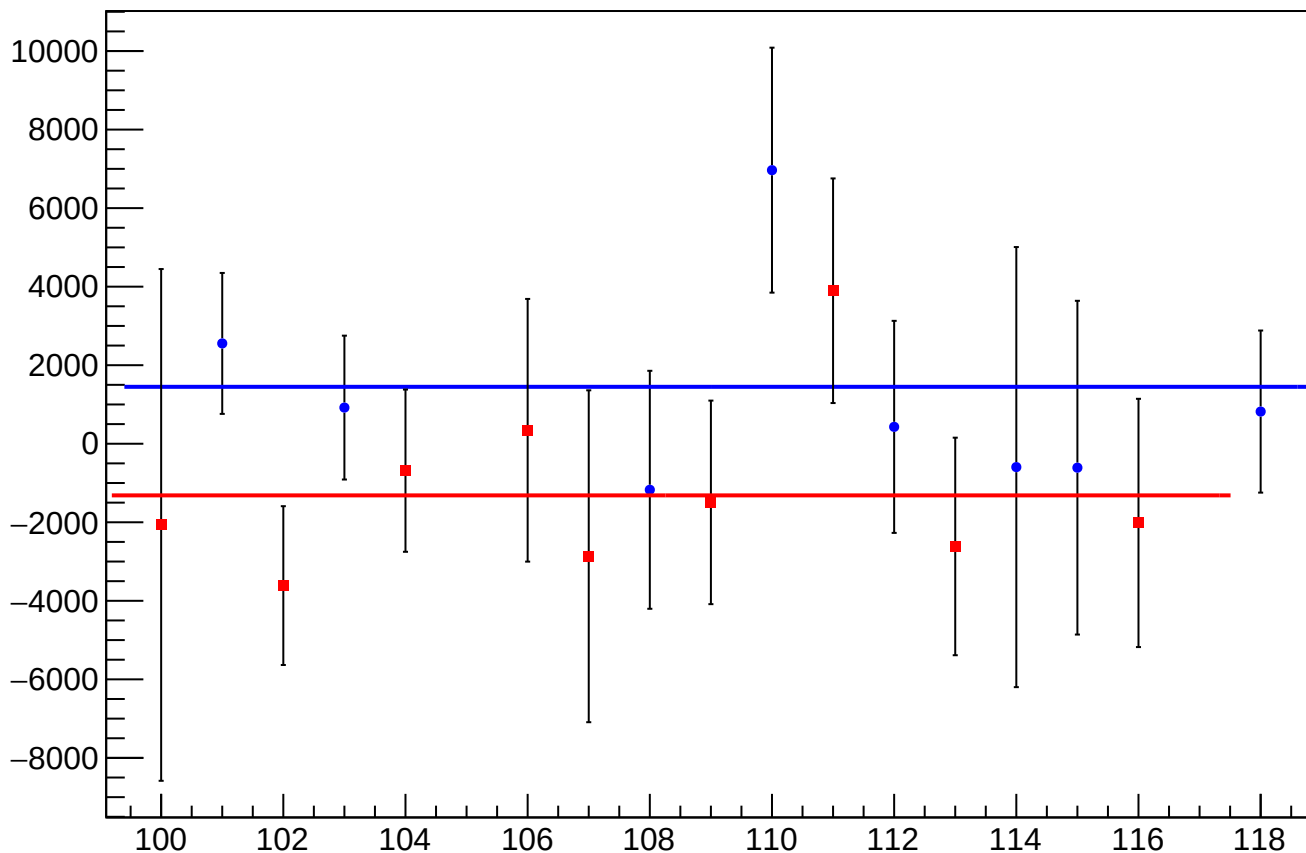
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1391215.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



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: -1315.016+/-932.761 χ^2/NDF : 5.4/8

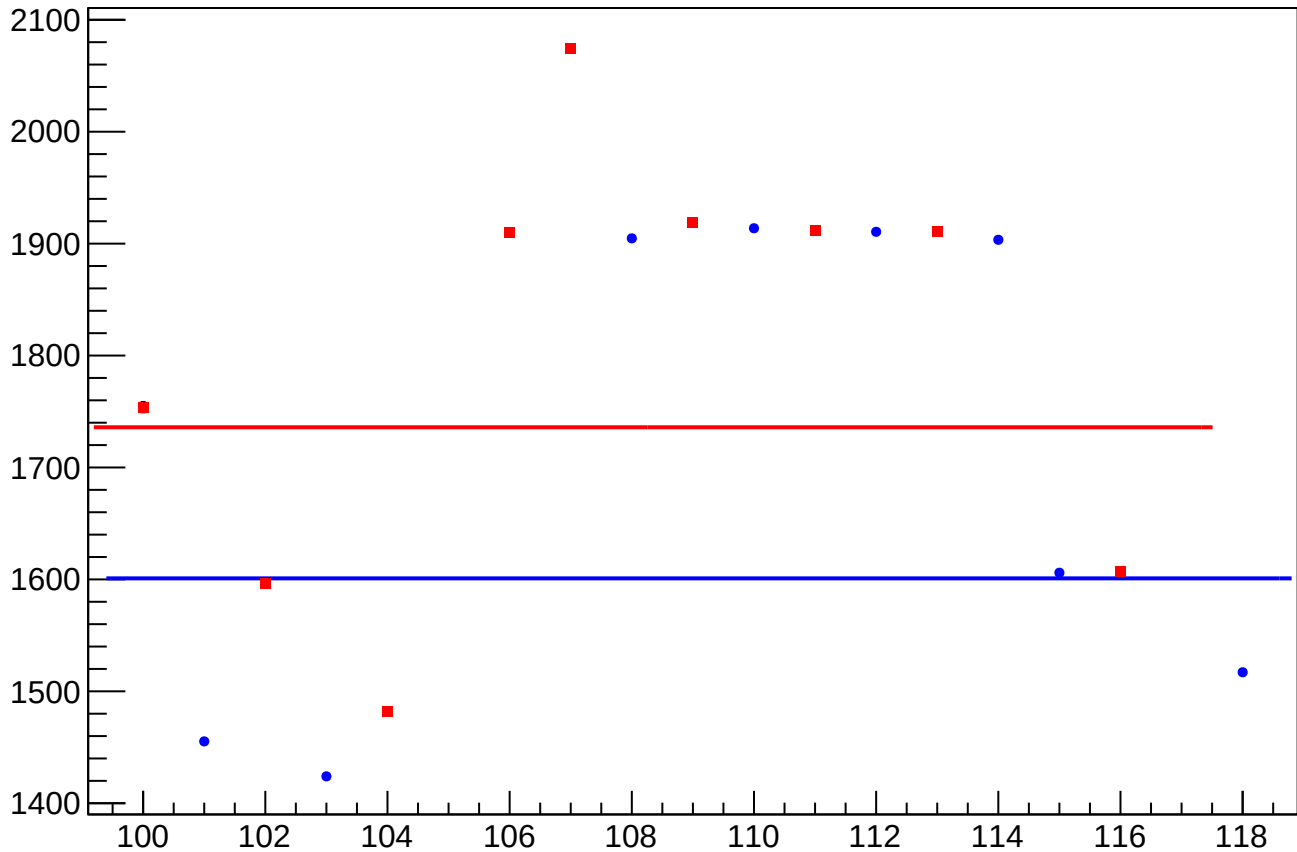
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.198+/-641.671 χ^2/NDF : 14.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



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: 1735.928+/-0.660 χ^2/NDF : 86852.2/8

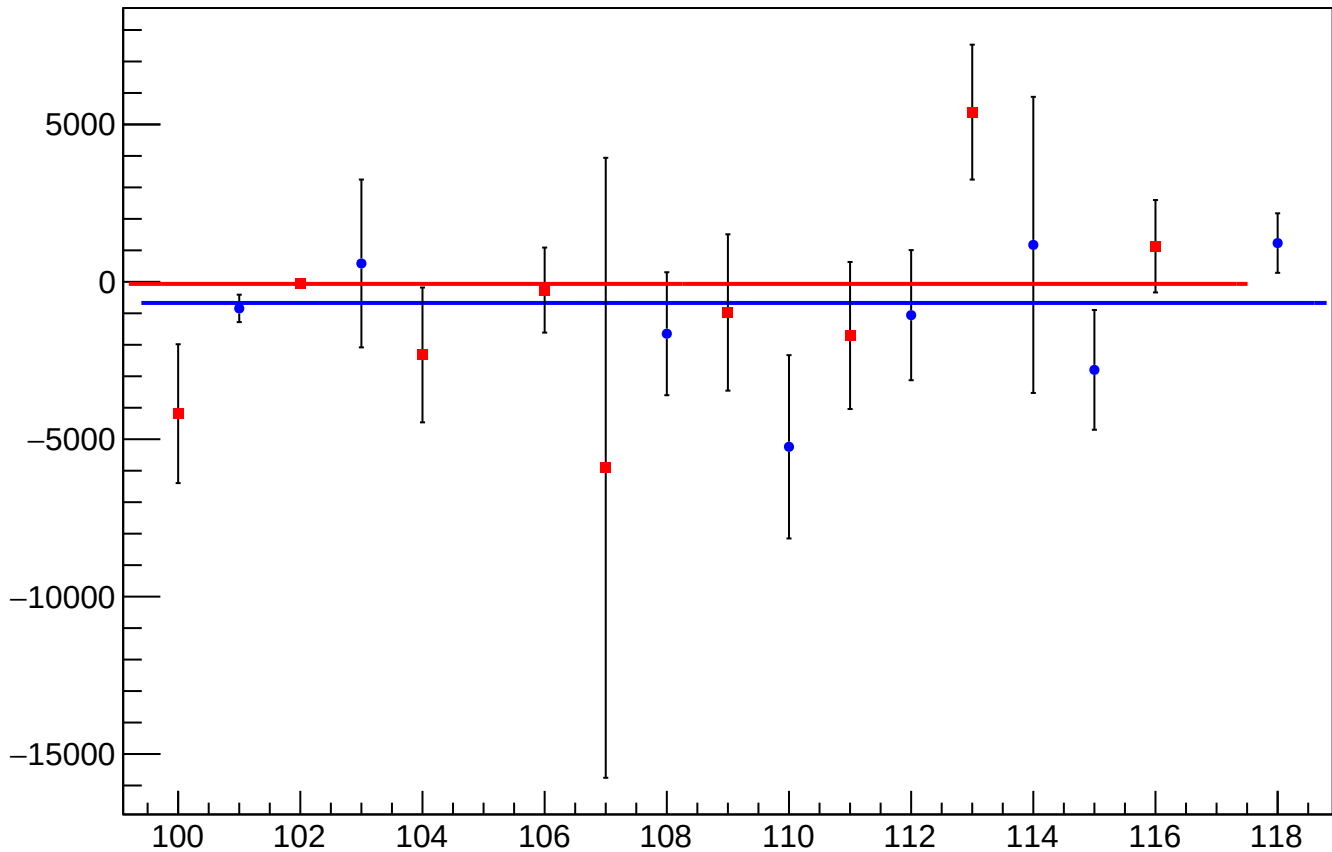
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.813+/-0.454 χ^2/NDF : 216410.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



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: -65.121+/-135.184 χ^2/NDF : 12.8/8

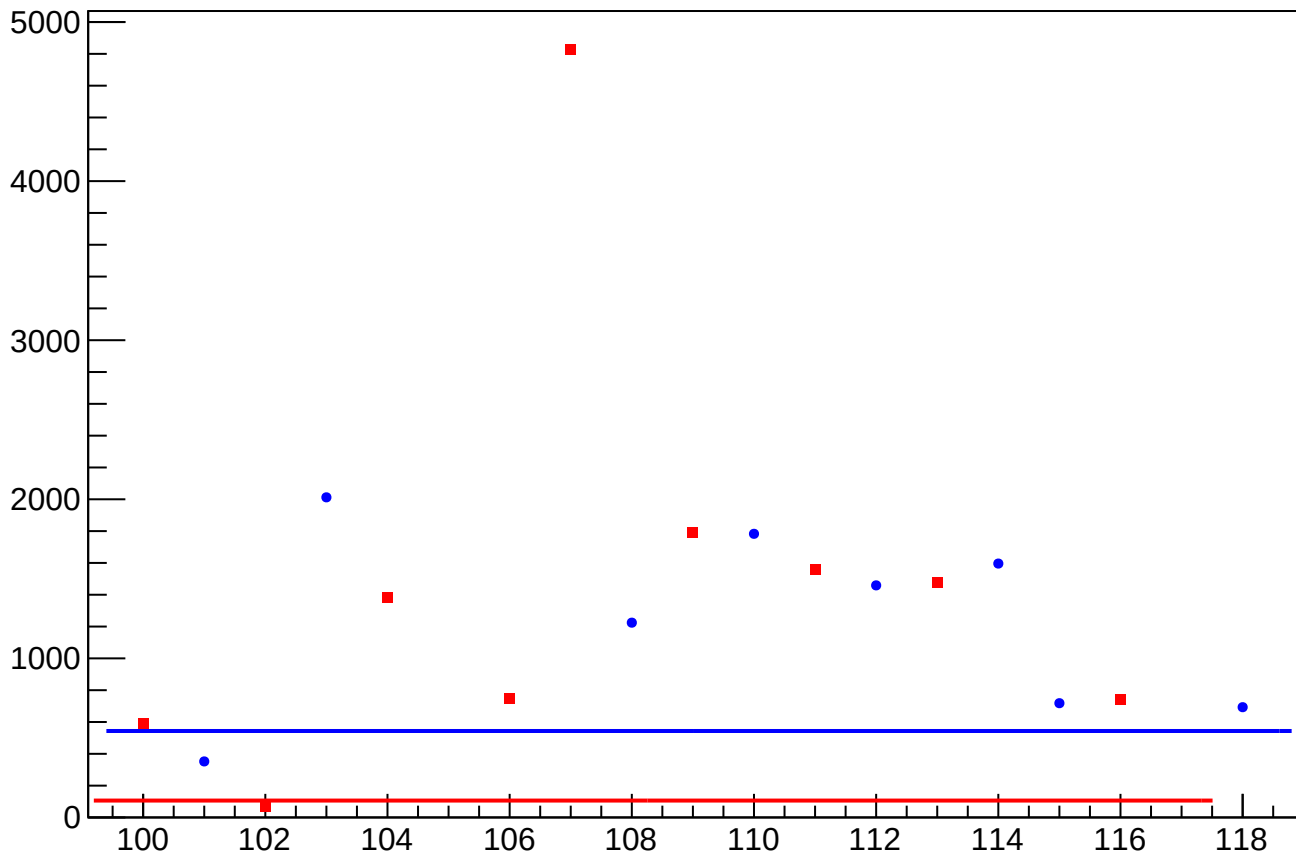
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -137.824+/-126.805 χ^2/NDF : 23.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



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: 106.190+/-0.096 χ^2/NDF : 4748192.3/8

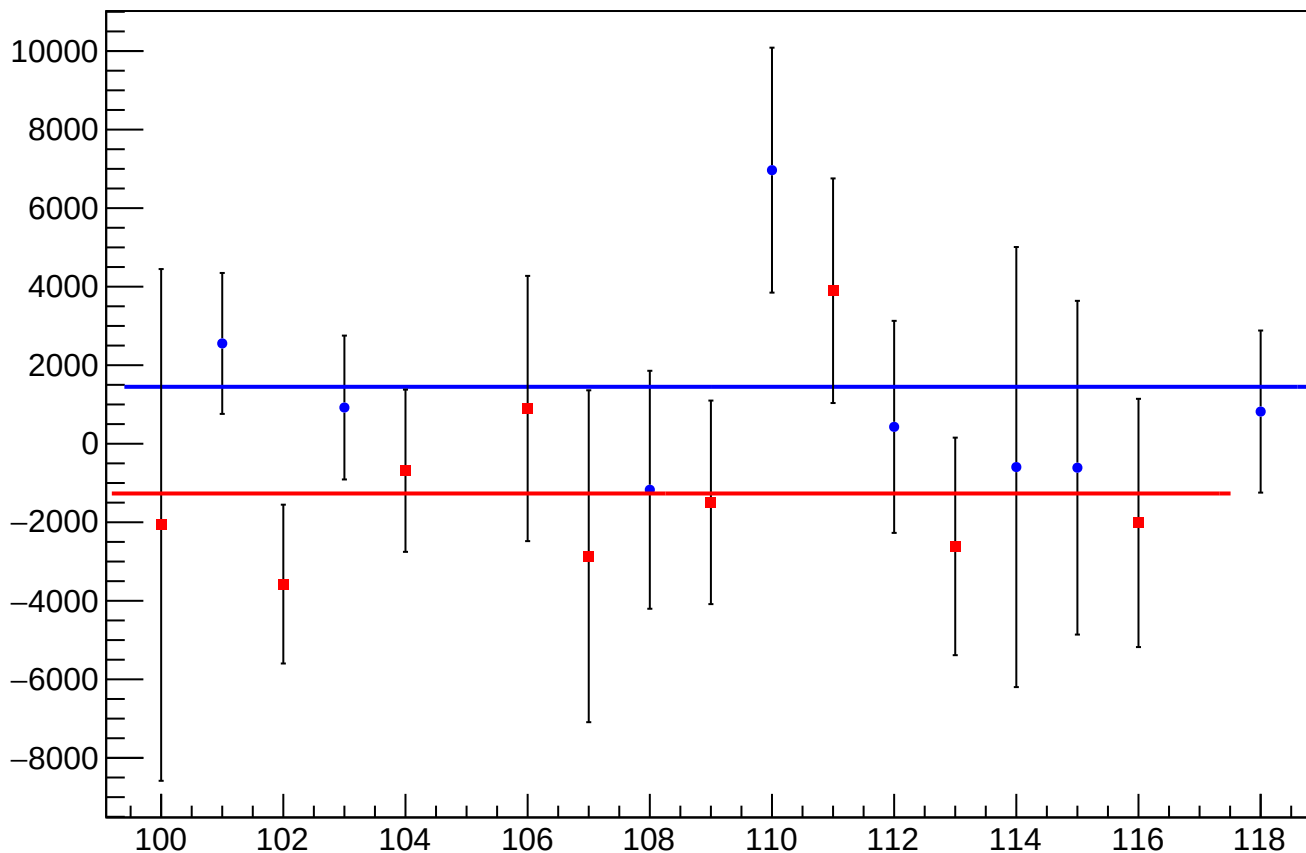
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.725+/-0.090 χ^2/NDF : 9420665.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



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: -1266.967+/-933.479 χ^2/NDF : 5.5/8

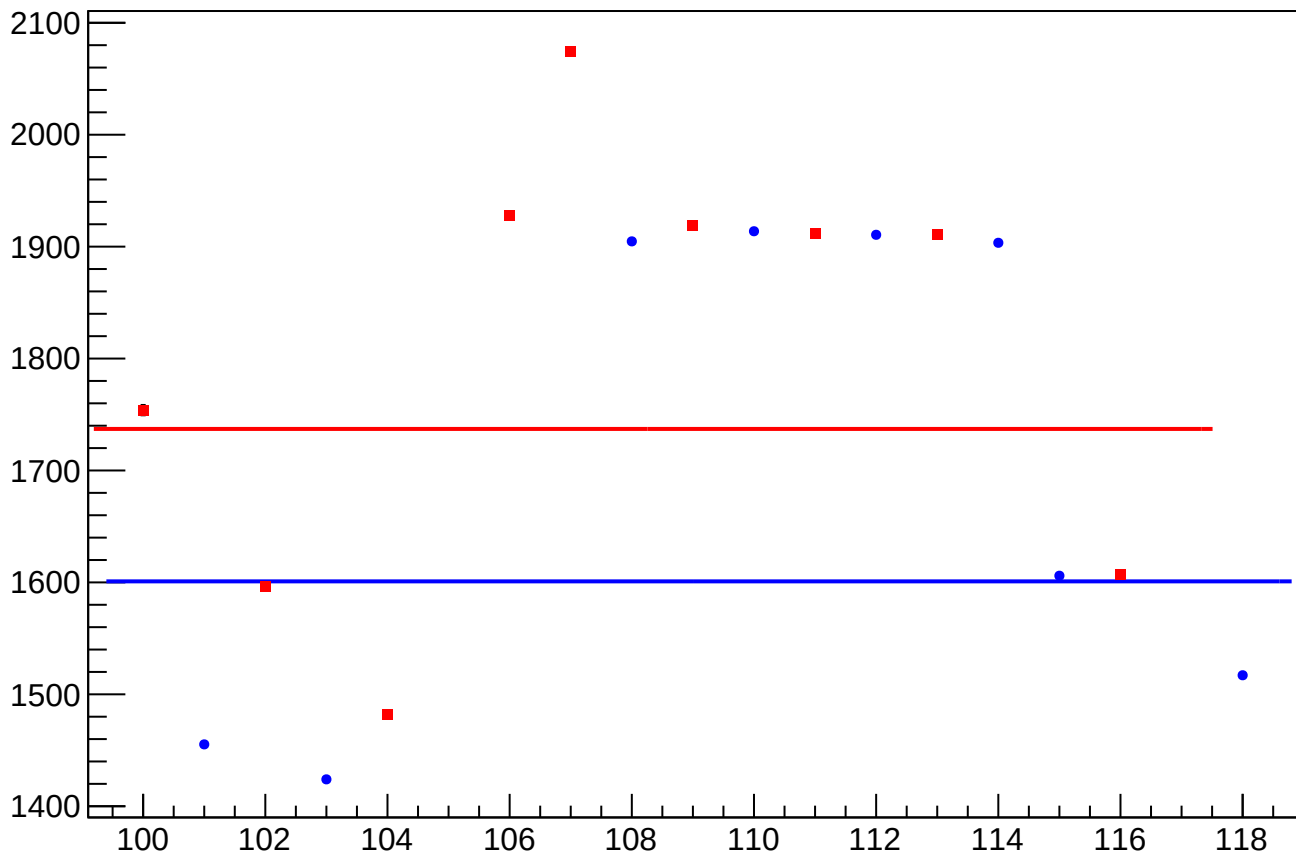
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.165+/-641.905 χ^2/NDF : 14.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



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: 1737.121+/-0.660 χ^2/NDF : 87893.2/8

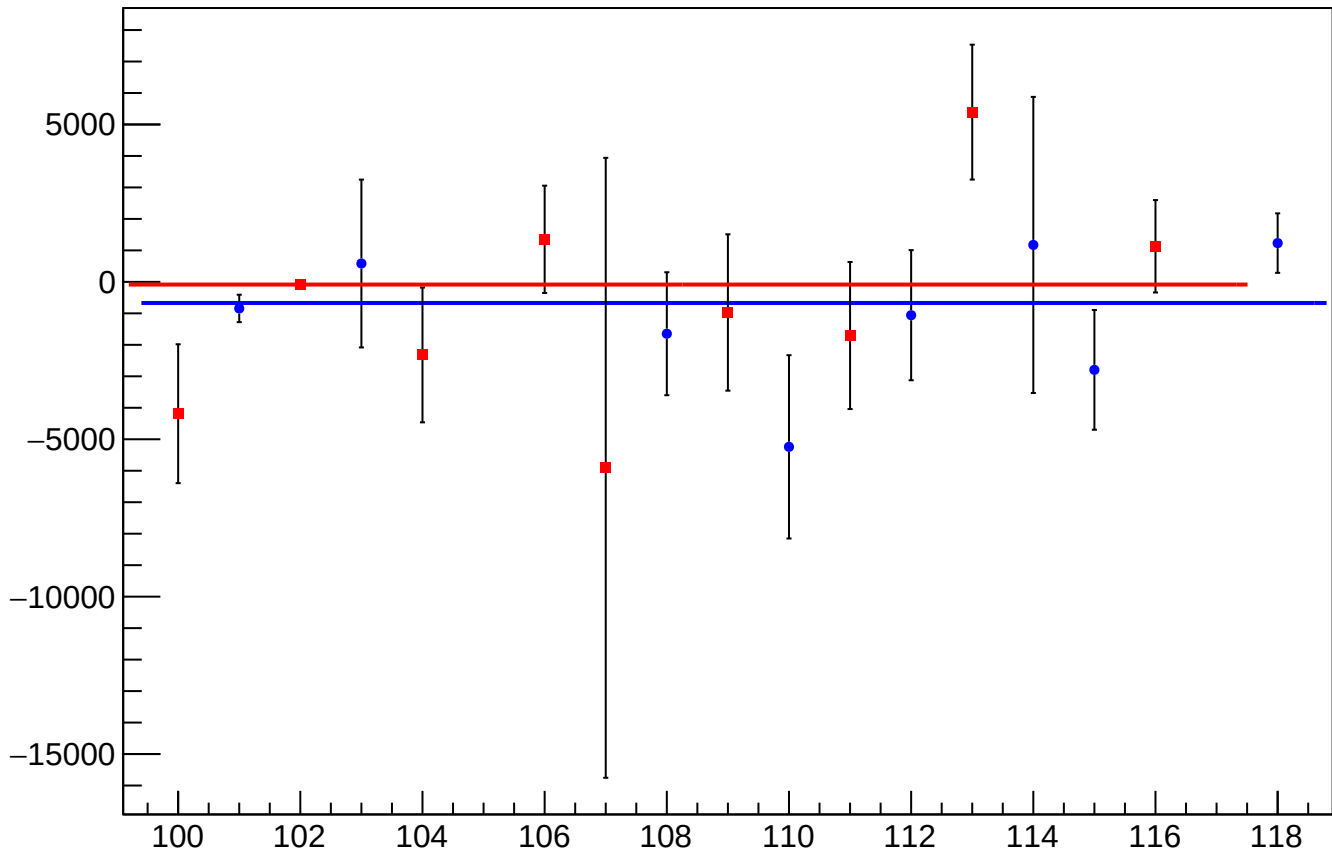
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.325+/-0.454 χ^2/NDF : 217824.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



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: -85.314+/-147.757 χ^2/NDF : 13.4/8

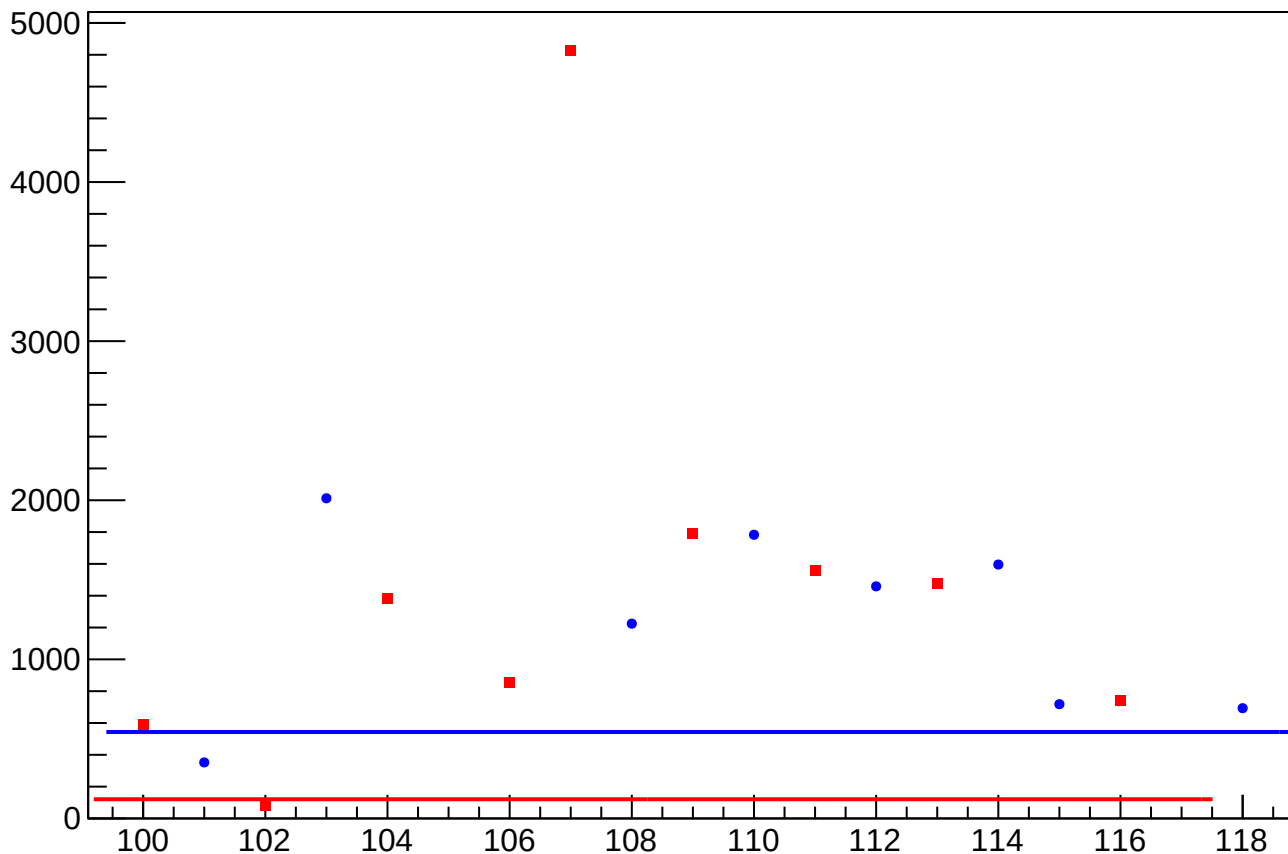
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.355+/-137.005 χ^2/NDF : 24.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 543.504 $\pm$ 0.259 χ^2 /NDF: 2158117.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.783 $\pm$ 0.104 χ^2 /NDF: 4582784.8/8

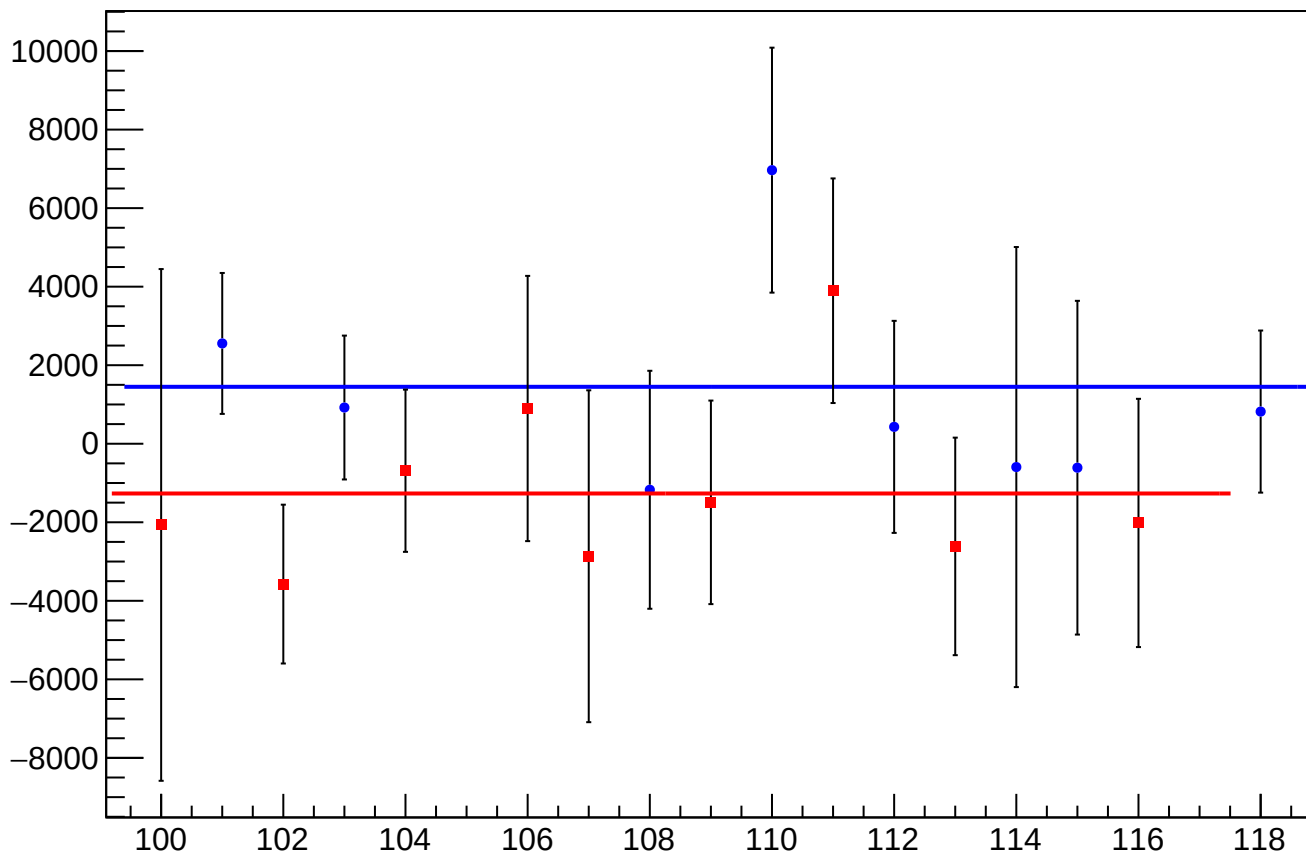
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.064 $\pm$ 0.097 χ^2 /NDF: 9036535.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



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: -1266.967+/-933.479 χ^2/NDF : 5.5/8

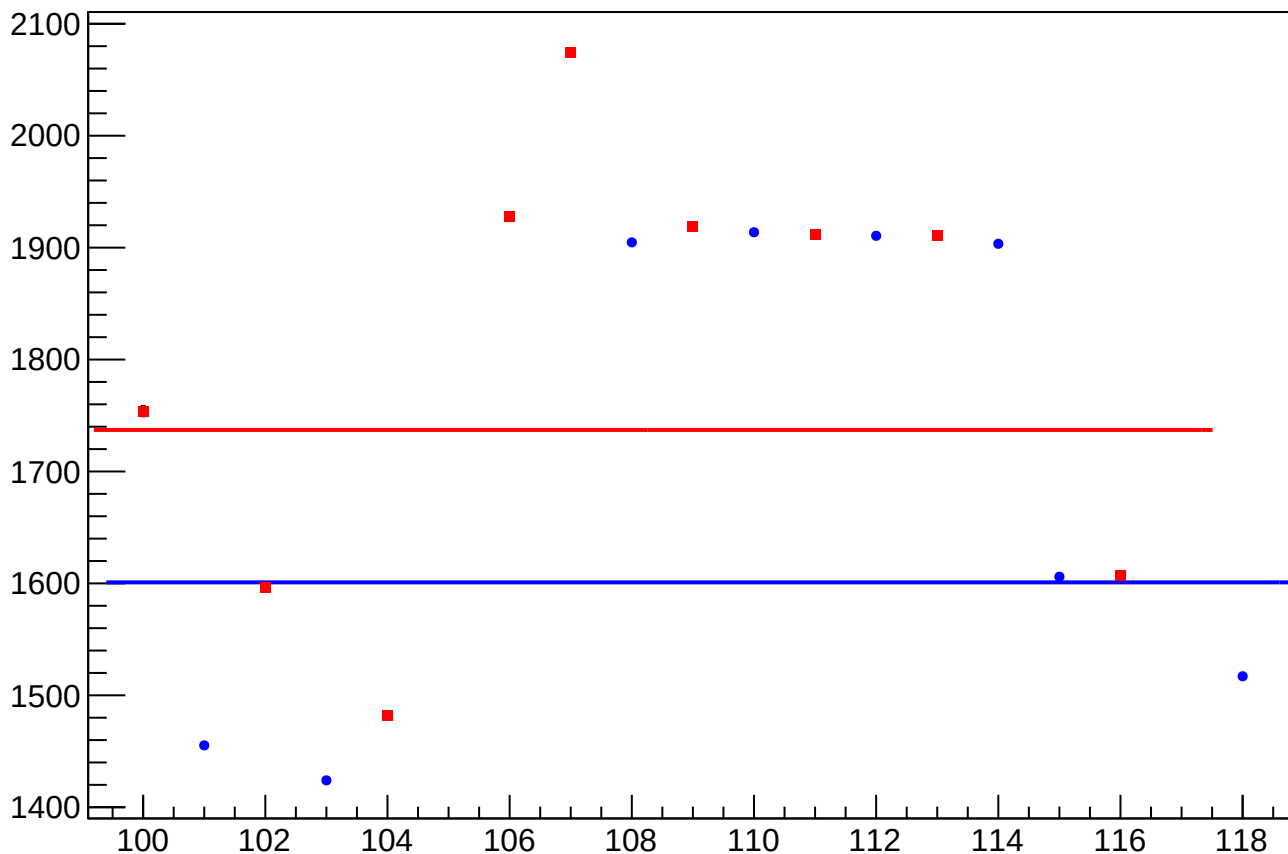
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.165+/-641.905 χ^2/NDF : 14.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



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: 1737.121+/-0.660 χ^2/NDF : 87893.2/8

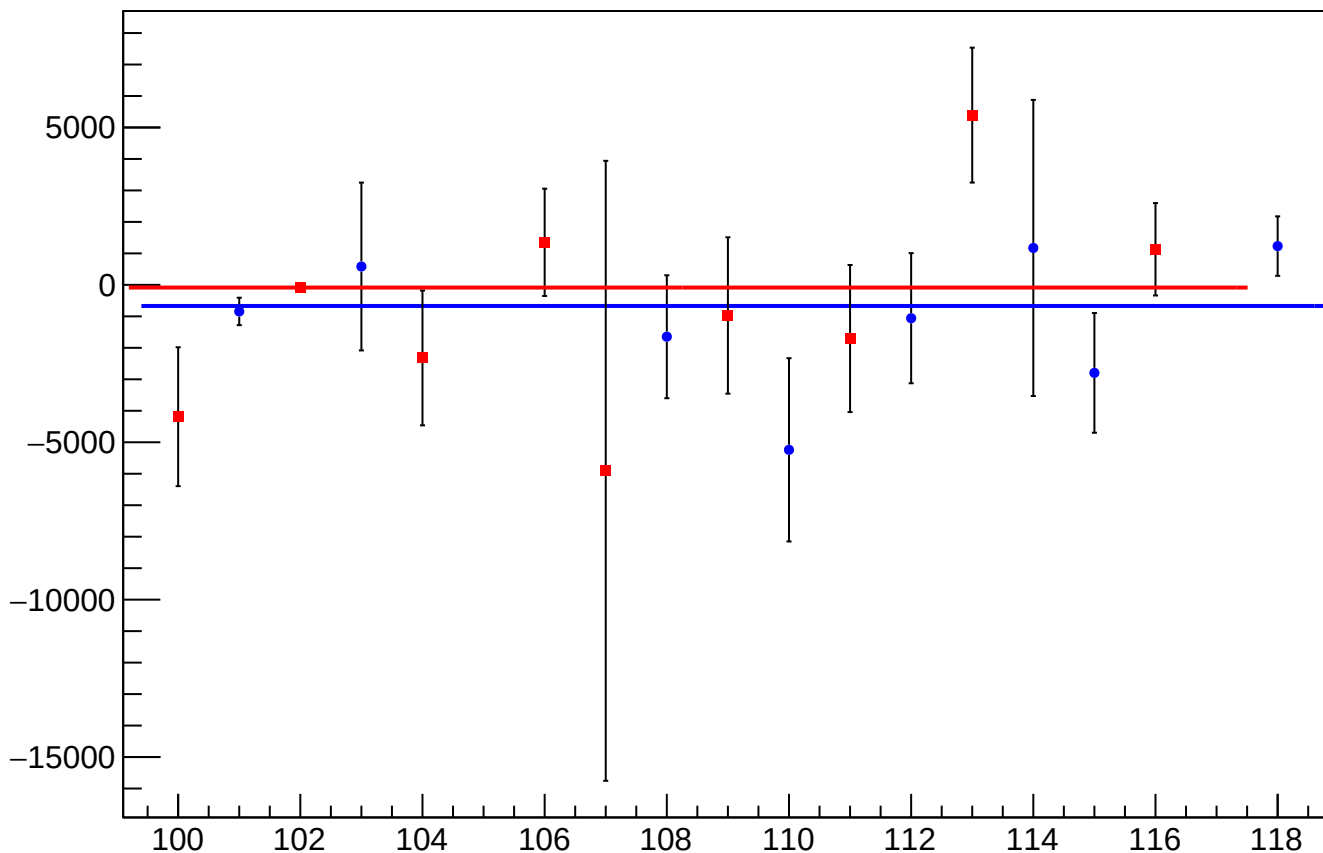
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1665.325+/-0.454 χ^2/NDF : 217824.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



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: -85.314+/-147.757 χ^2/NDF : 13.4/8

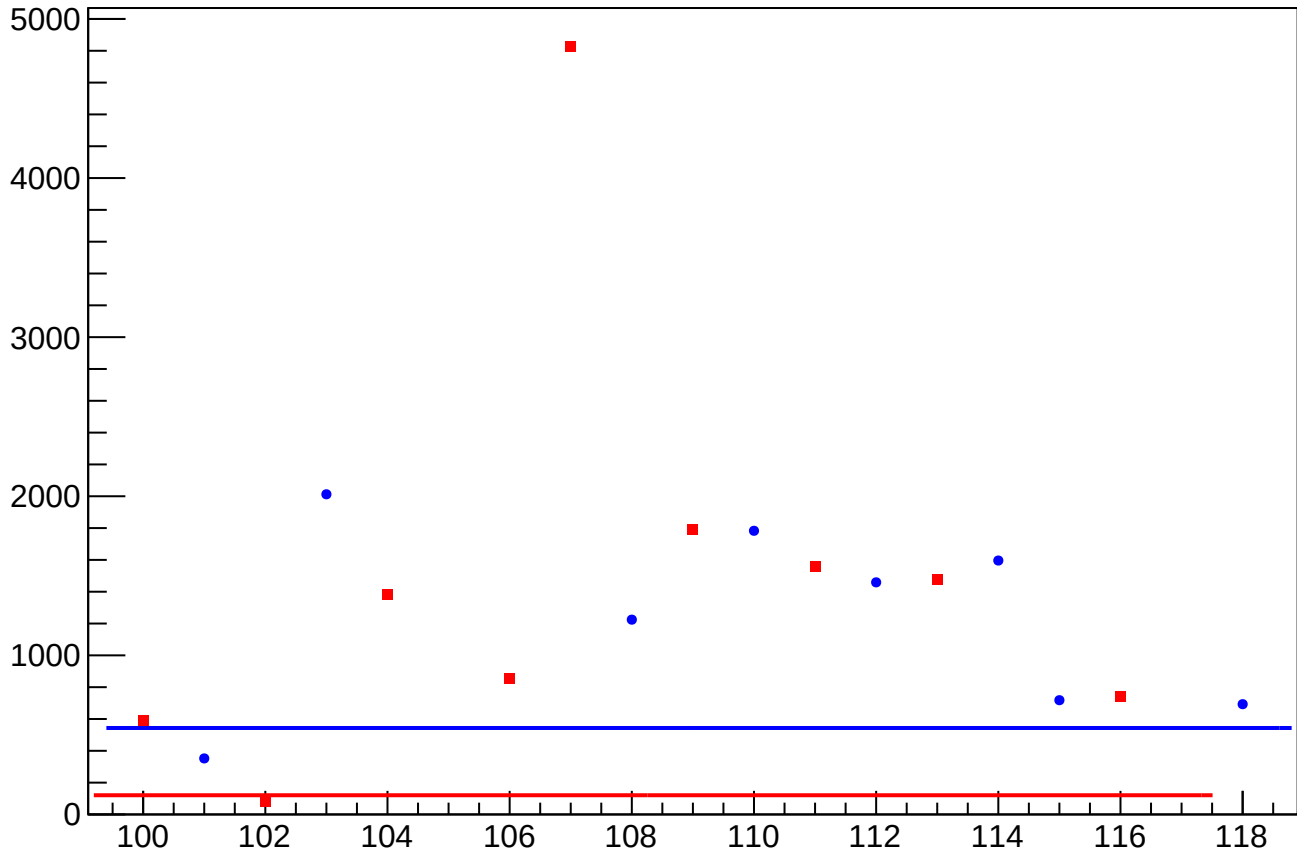
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.355+/-137.005 χ^2/NDF : 24.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 543.504 $\pm$ 0.259 χ^2 /NDF: 2158117.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.783 $\pm$ 0.104 χ^2 /NDF: 4582784.8/8

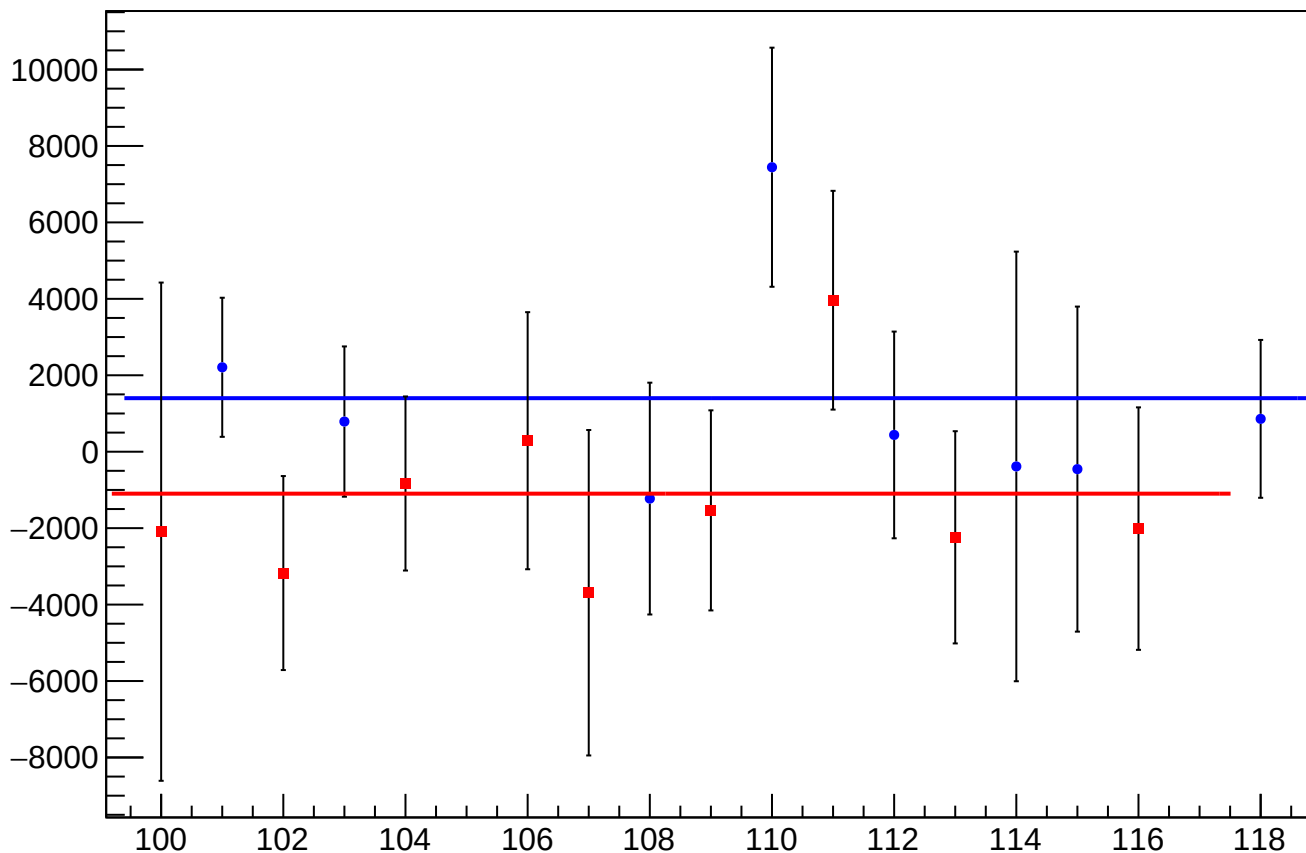
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.064 $\pm$ 0.097 χ^2 /NDF: 9036535.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



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: -1097.591+/-993.898 χ^2 /NDF: 4.7/8

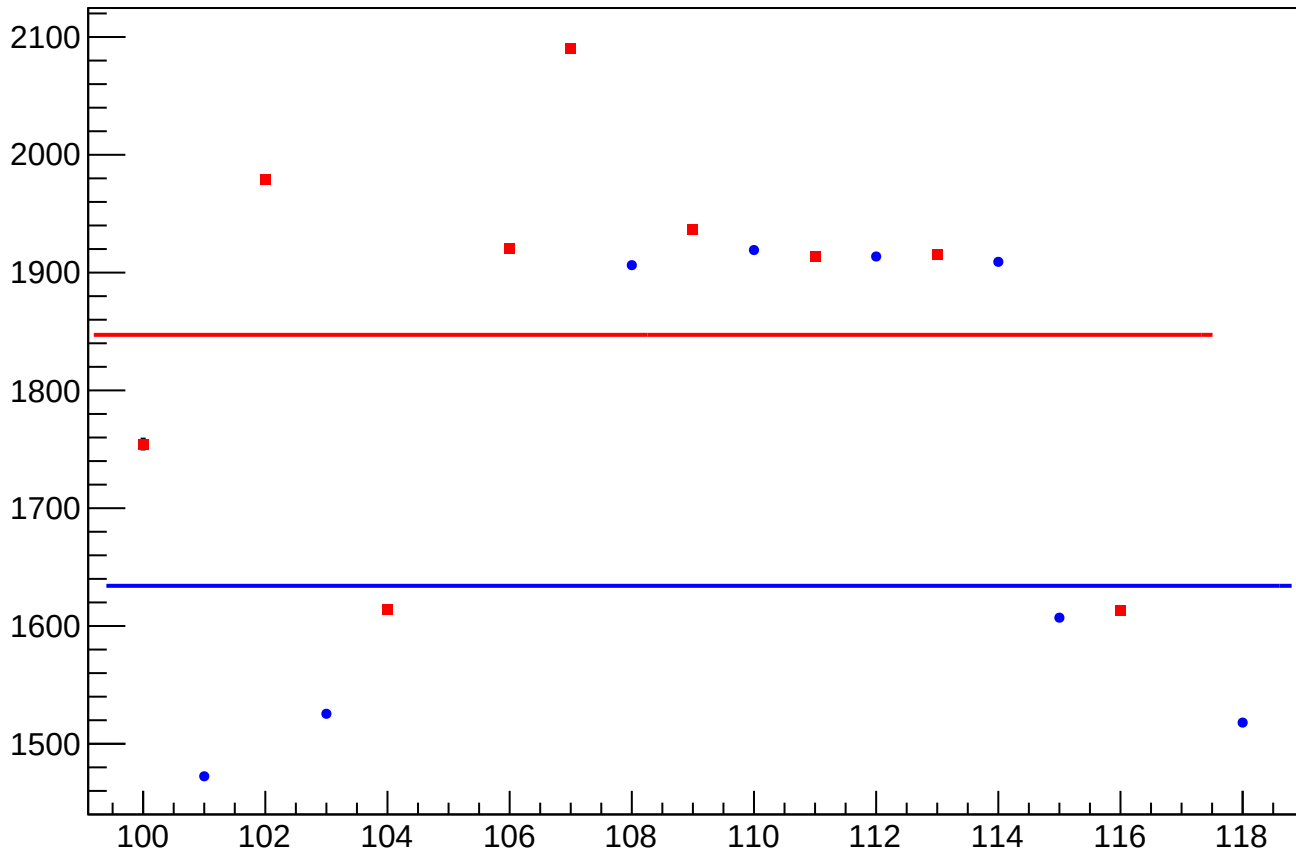
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 272.850+/-667.829 χ^2 /NDF: 13.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



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: 1847.165+/-0.703 χ^2/NDF : 49827.7/8

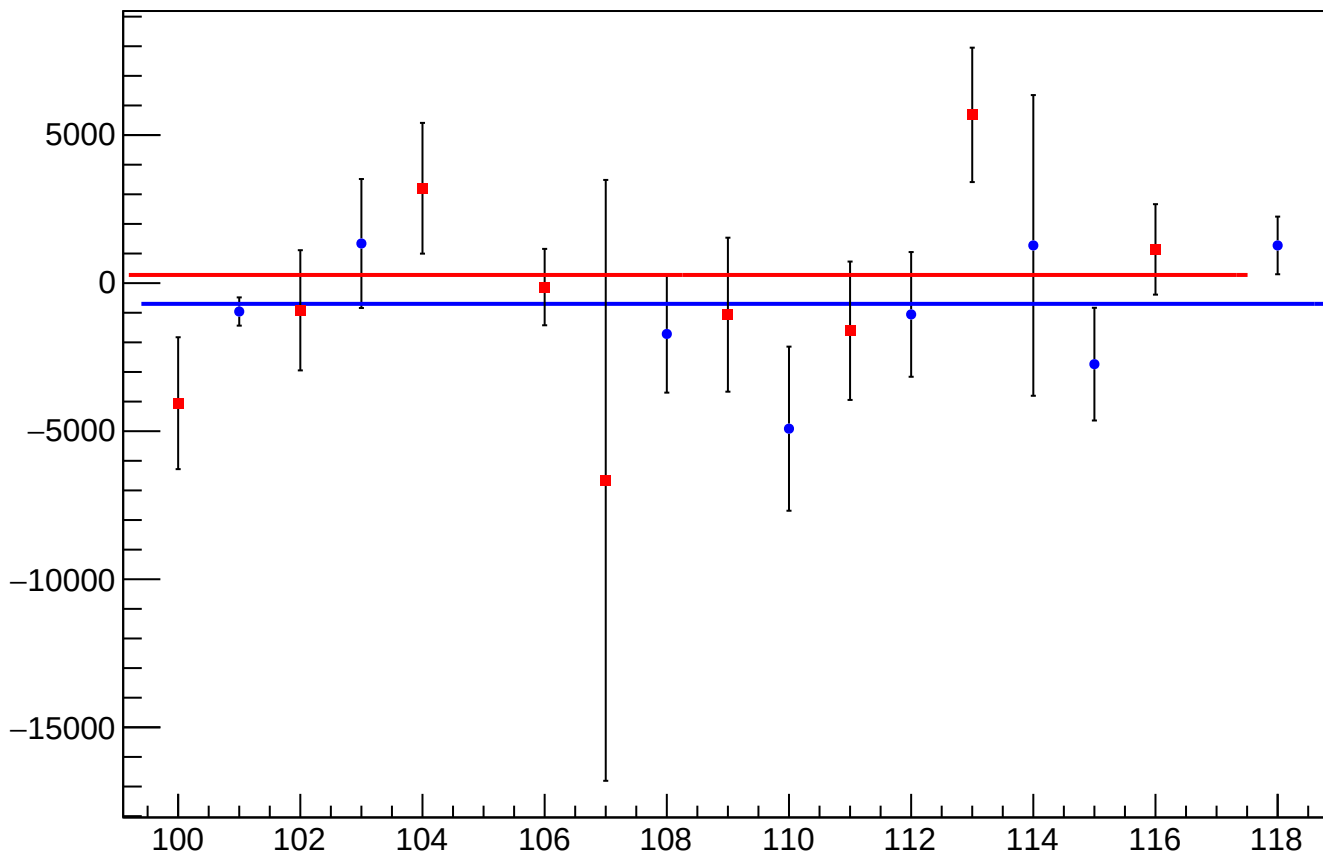
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.302+/-0.472 χ^2/NDF : 187424.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



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: 276.346+/-672.048 χ^2/NDF : 13.4/8

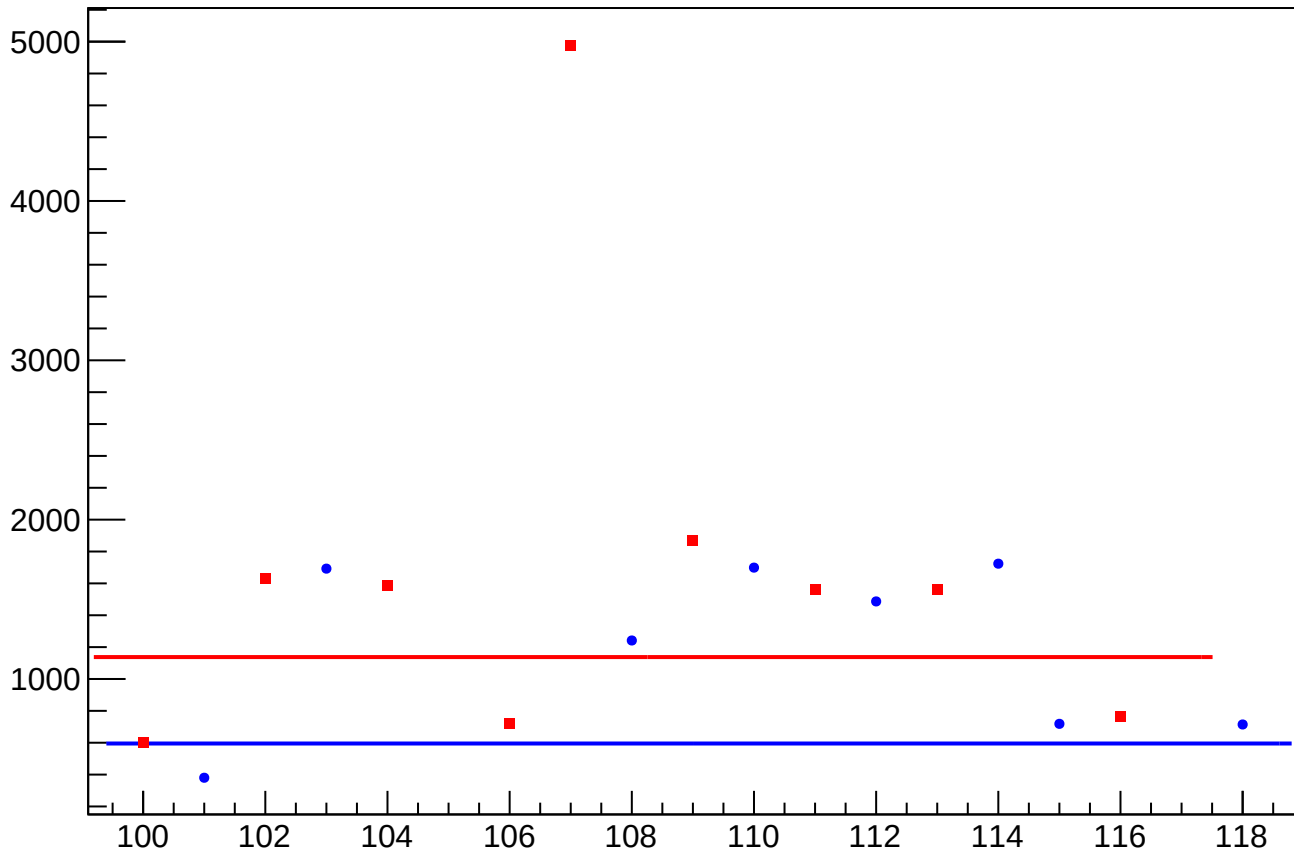
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.136+/-337.036 χ^2/NDF : 24.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 595.084+/-0.275 χ^2/NDF : 1940237.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

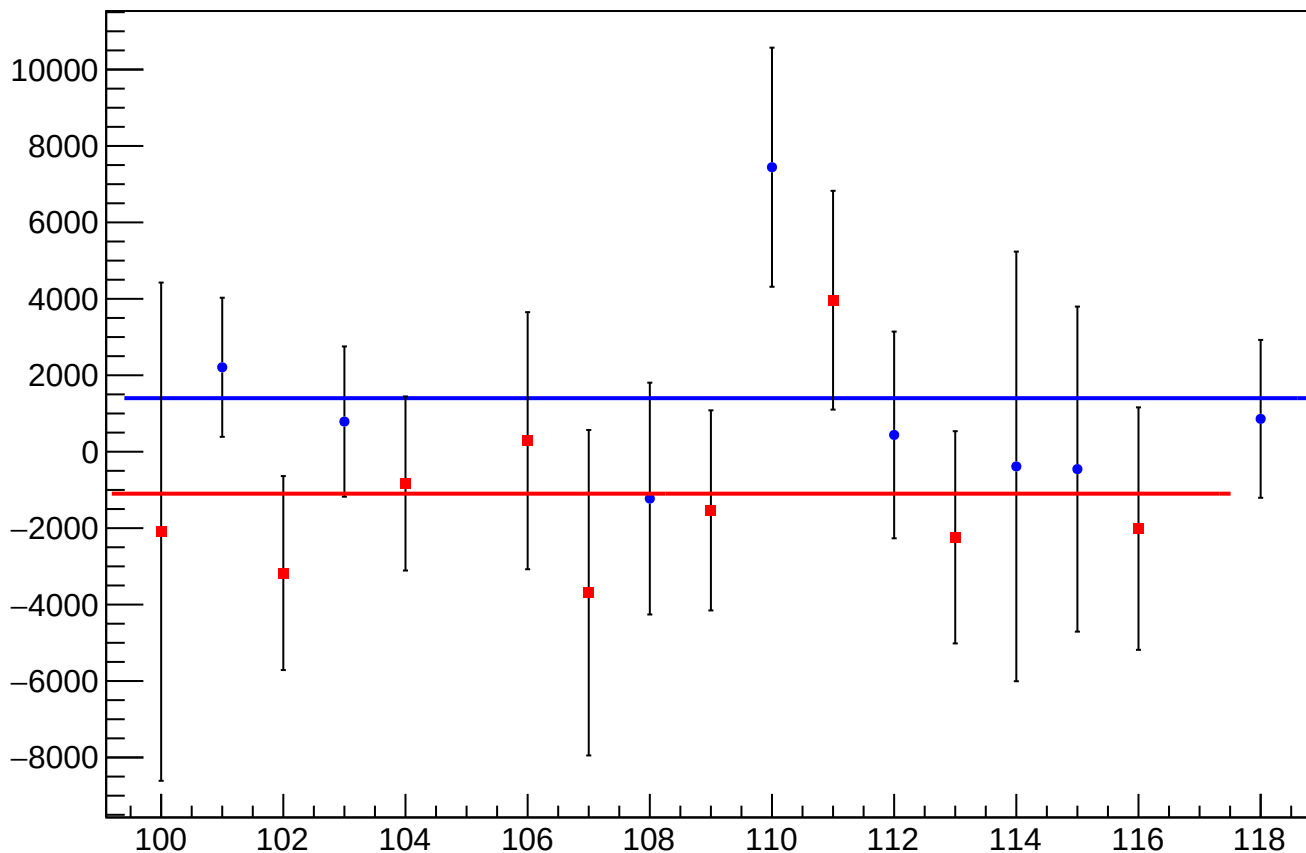
Right Out: 1137.549+/-0.475 χ^2/NDF : 1222380.8/8

All: 731.518+/-0.238 χ^2/NDF : 4137968.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



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: -1097.586+/-993.898 χ^2/NDF : 4.7/8

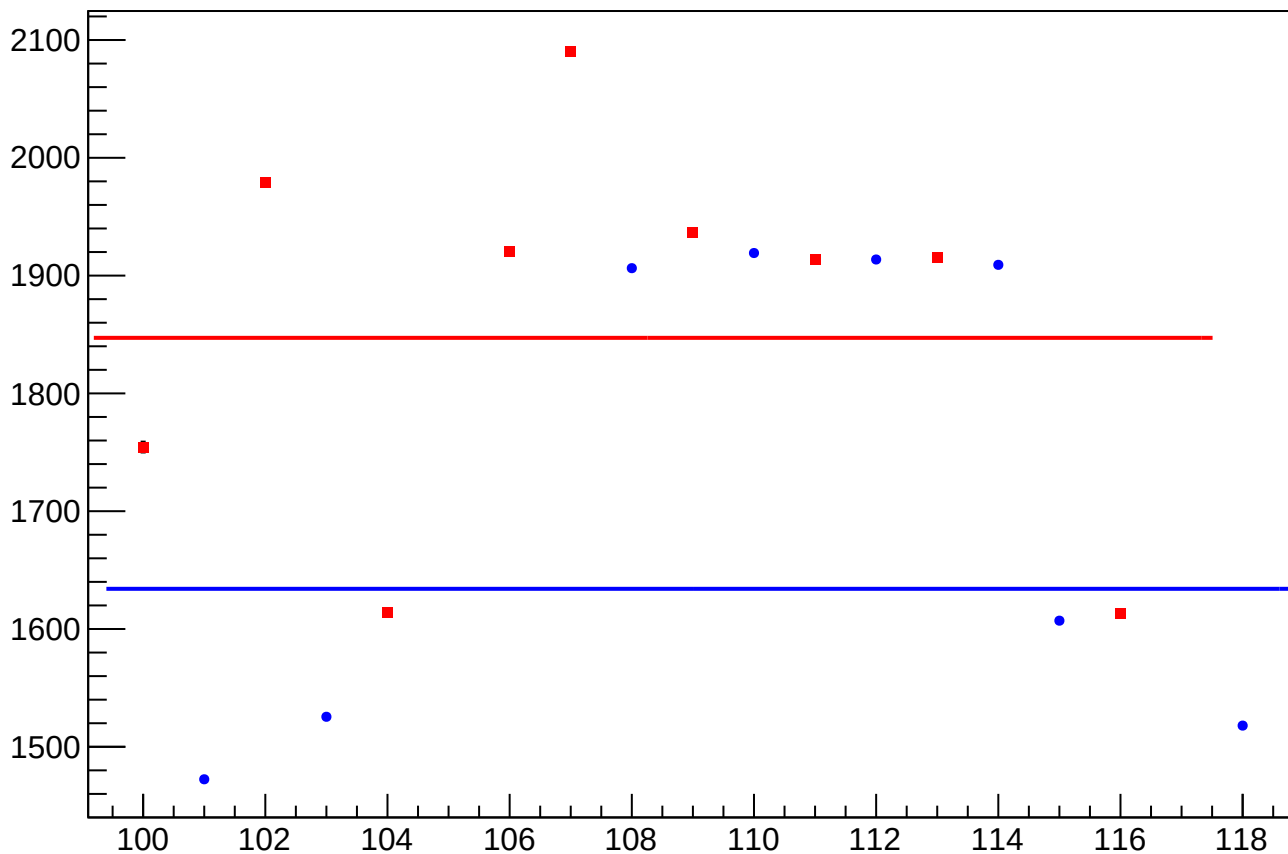
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 272.851+/-667.828 χ^2/NDF : 13.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



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: 1847.164+/-0.703 χ^2/NDF : 49828.3/8

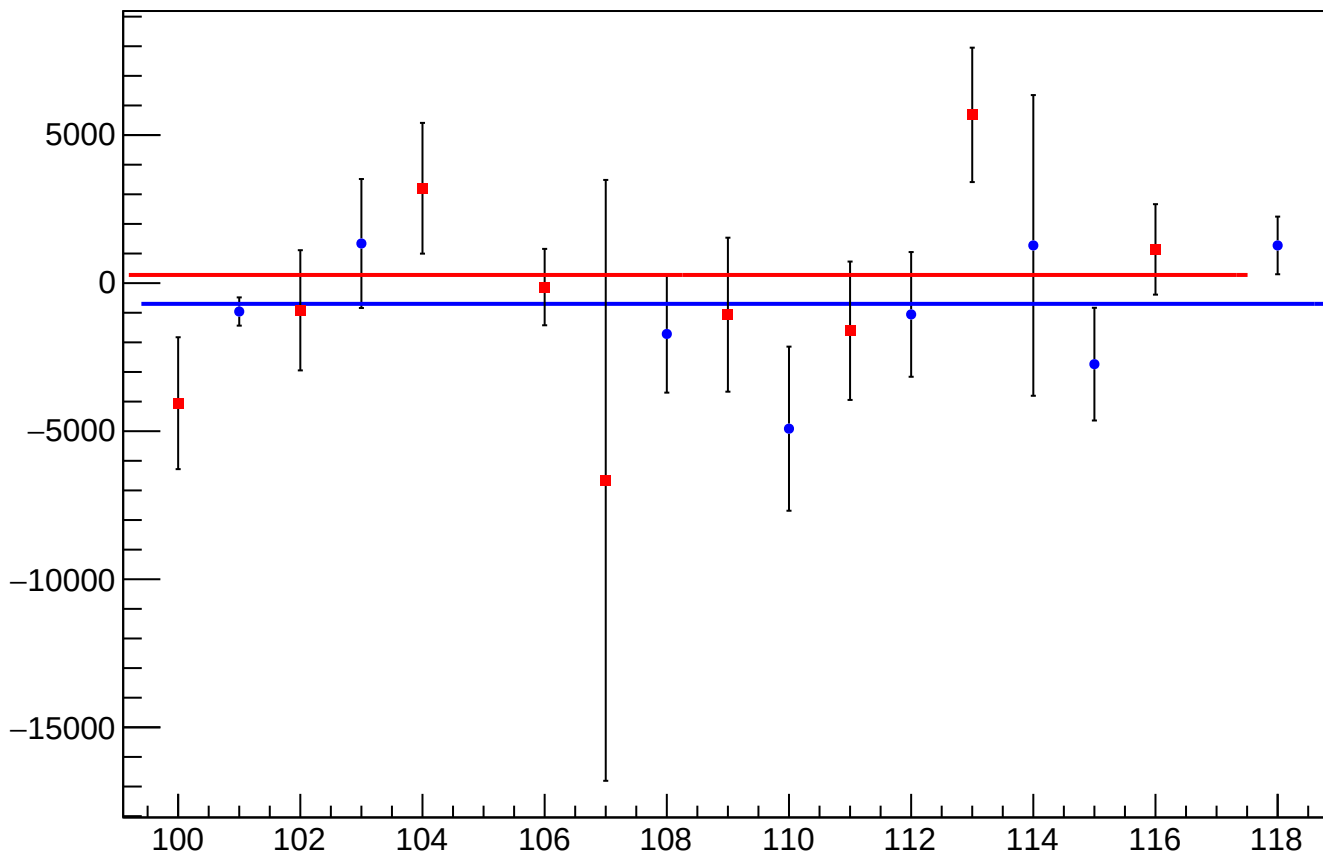
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1730.301+/-0.472 χ^2/NDF : 187425.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



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: 276.347+/-672.048 χ^2/NDF : 13.4/8

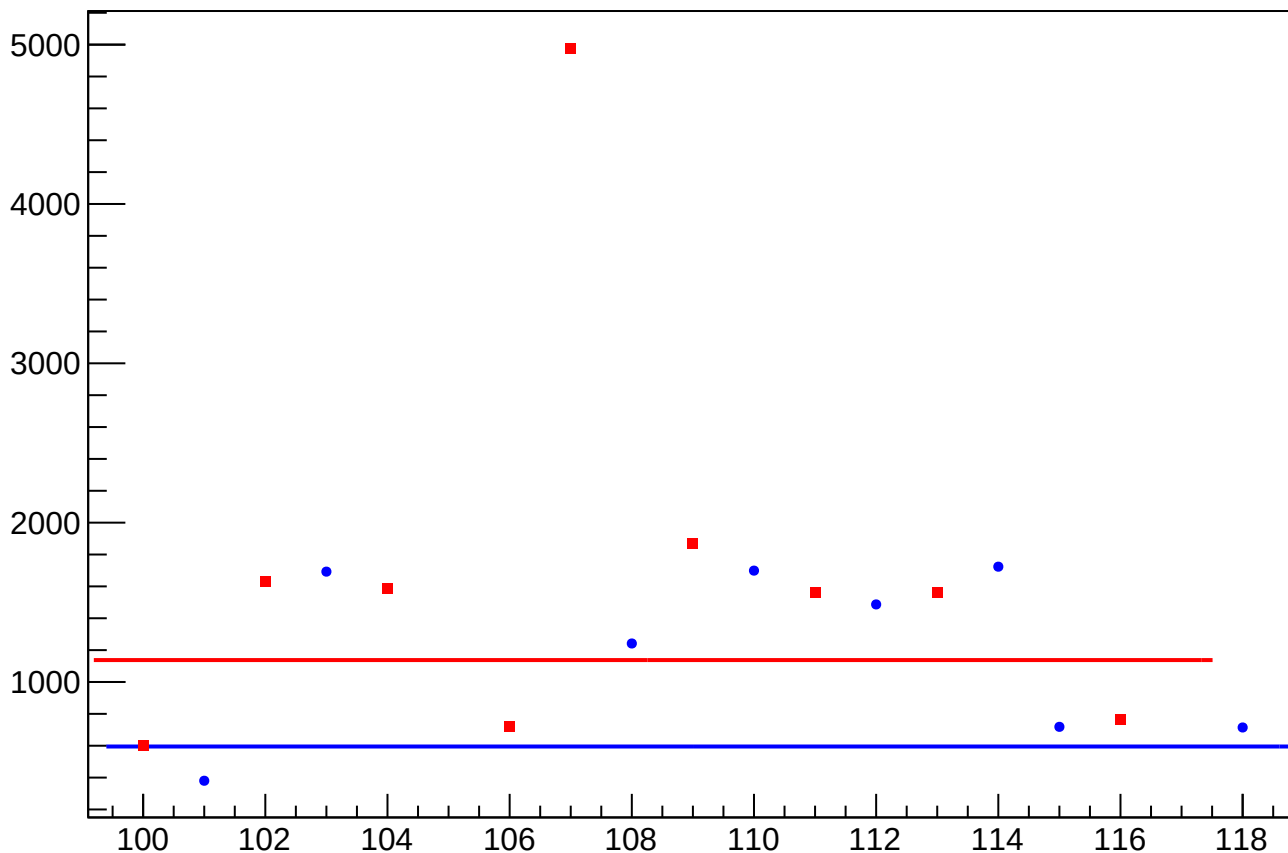
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -454.136+/-337.036 χ^2/NDF : 24.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 595.084+/-0.275 χ^2/NDF : 1940233.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

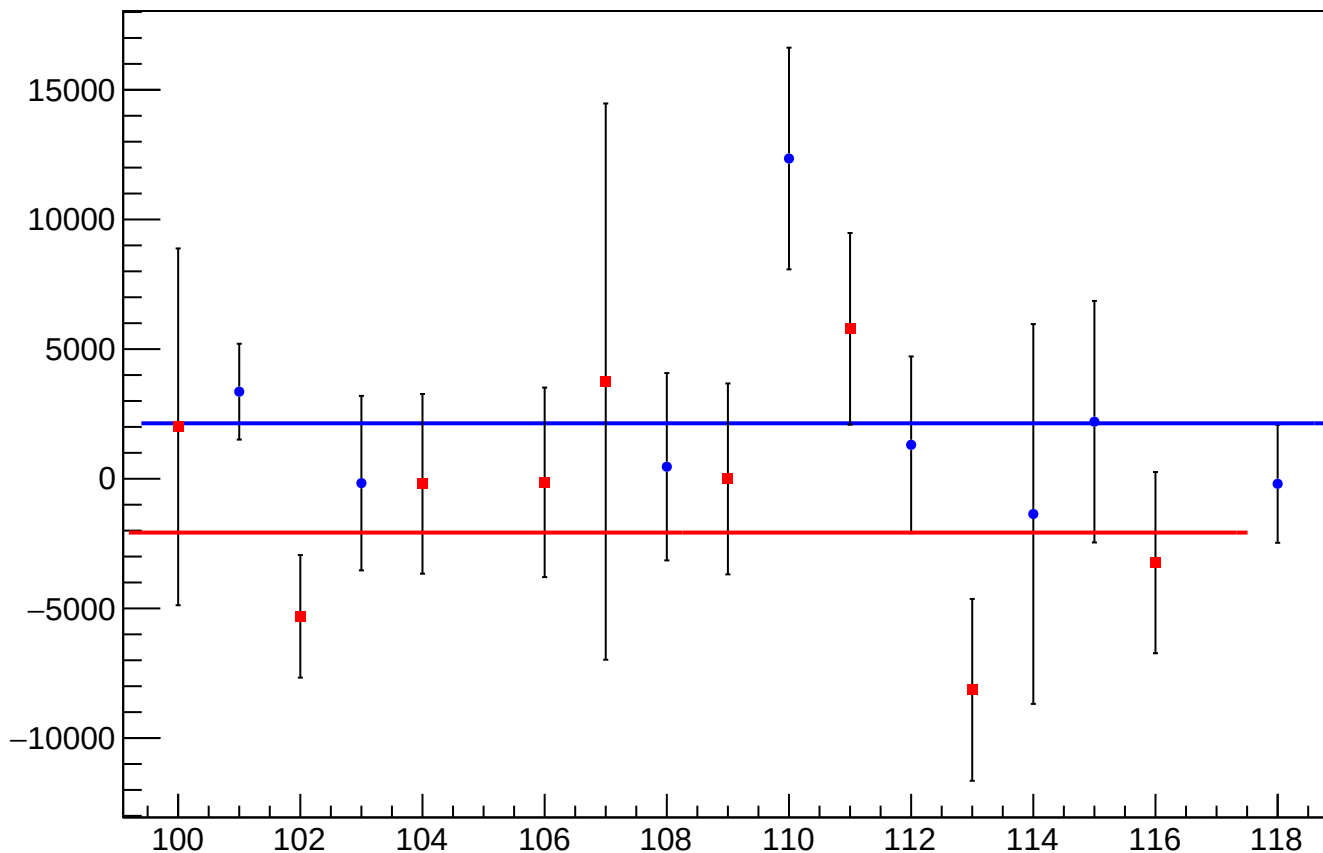
Right Out: 1137.549+/-0.475 χ^2/NDF : 1222383.5/8

All: 731.519+/-0.238 χ^2/NDF : 4137962.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



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: -2075.065+/-1215.295 χ^2/NDF : 11.0/8

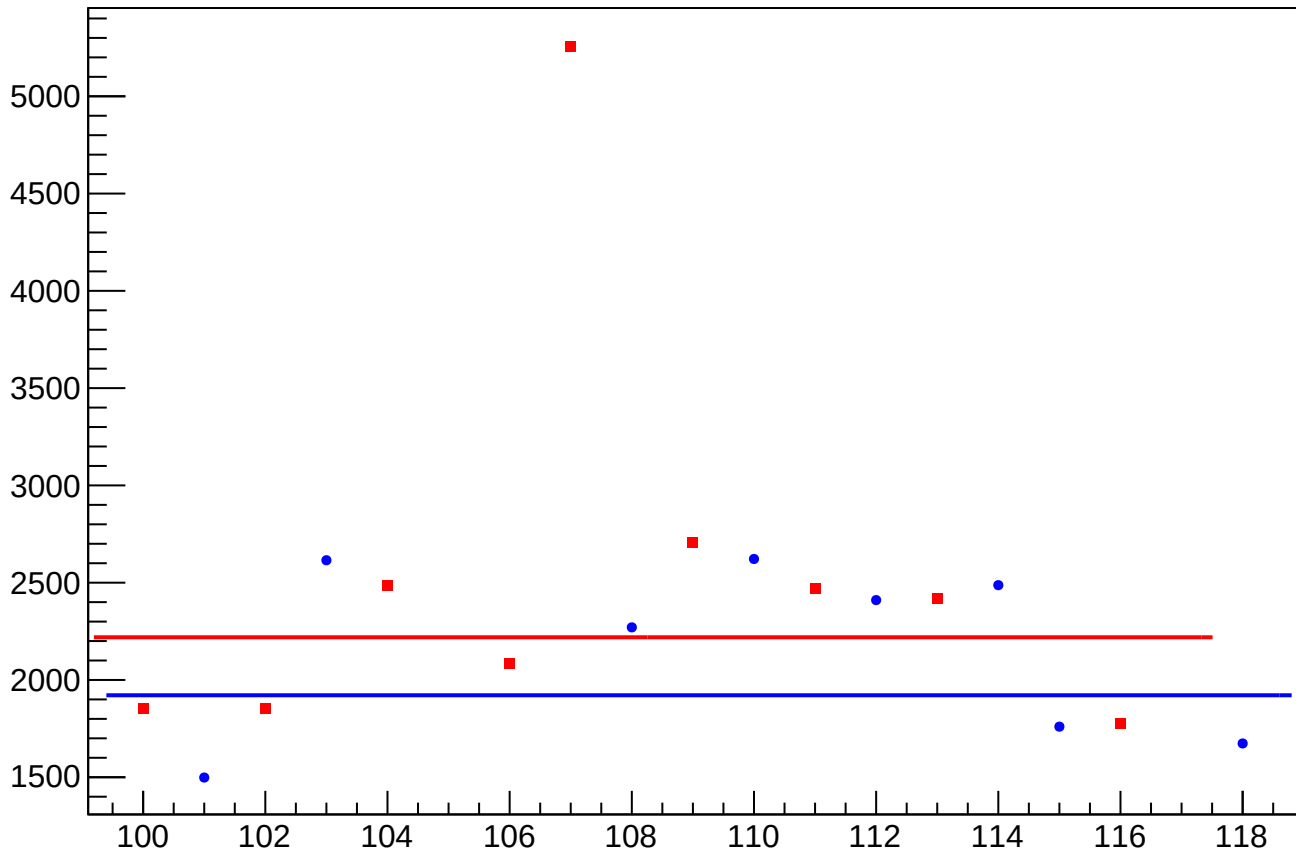
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.425+/-807.557 χ^2/NDF : 25.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_rms vs Slug



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: 2219.404+/-0.859 χ^2/NDF : 311214.5/8

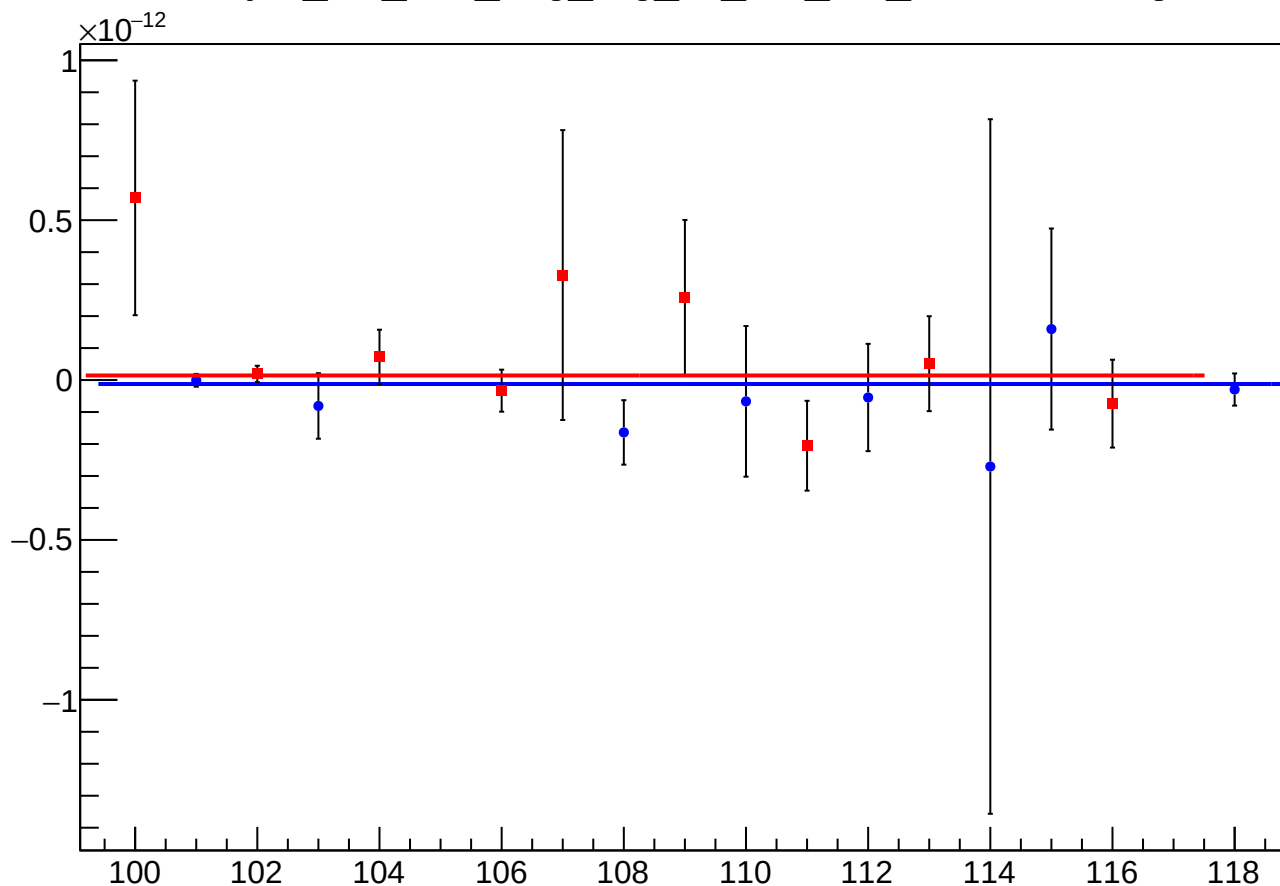
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.956+/-0.571 χ^2/NDF : 719841.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug



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: 7.7/8

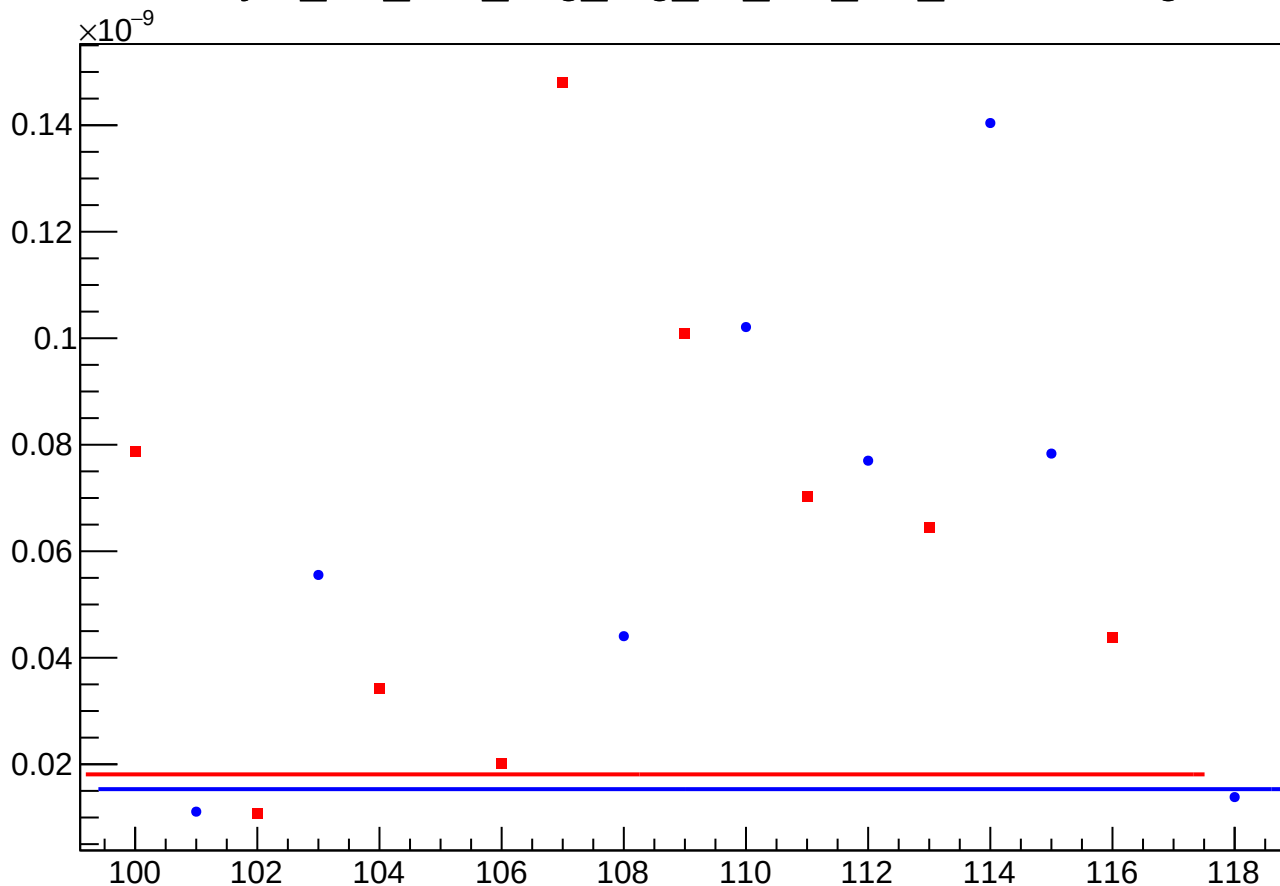
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug



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 : 1233528.9/8

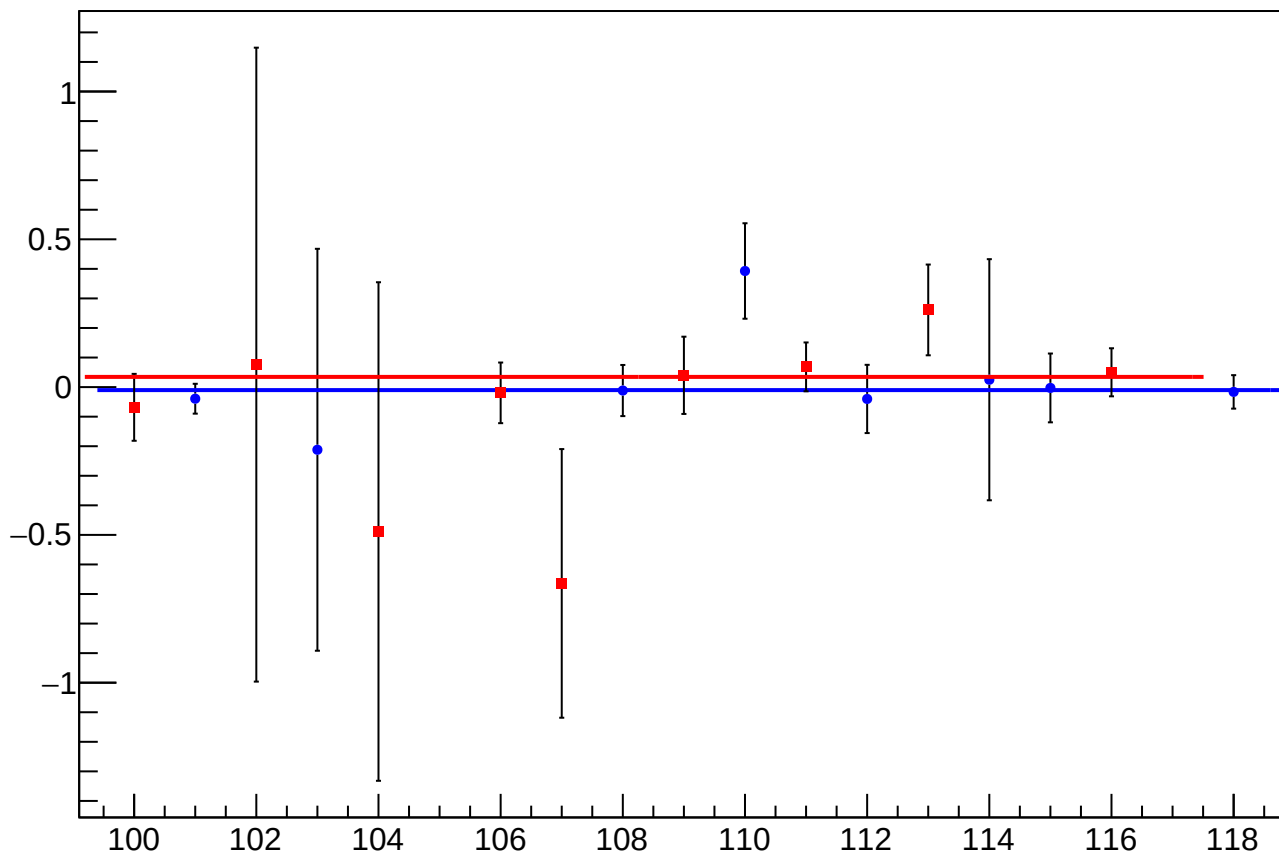
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2462984.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.031 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.042 χ^2 /NDF: 6.2/8

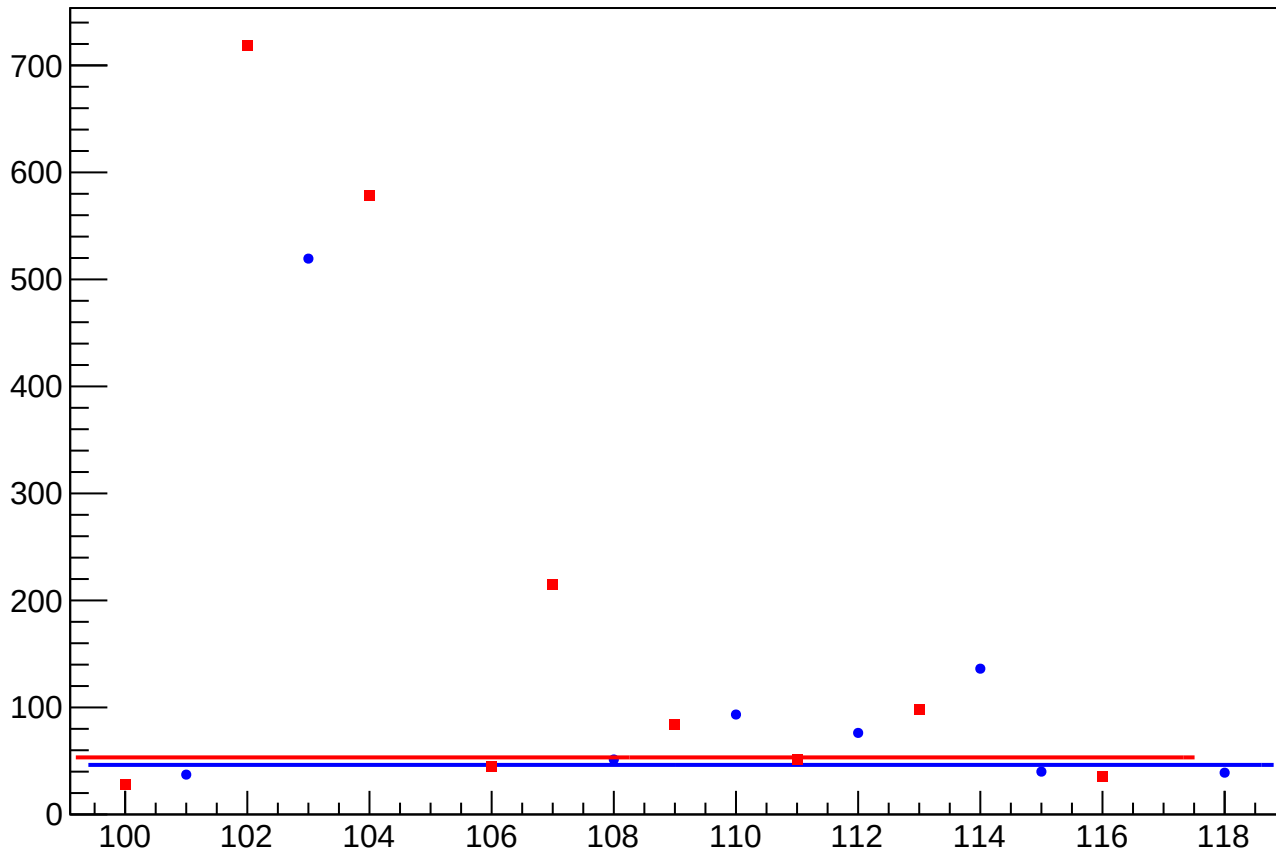
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.025 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



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: 53.322+/-0.029 χ^2/NDF : 2291706.6/8

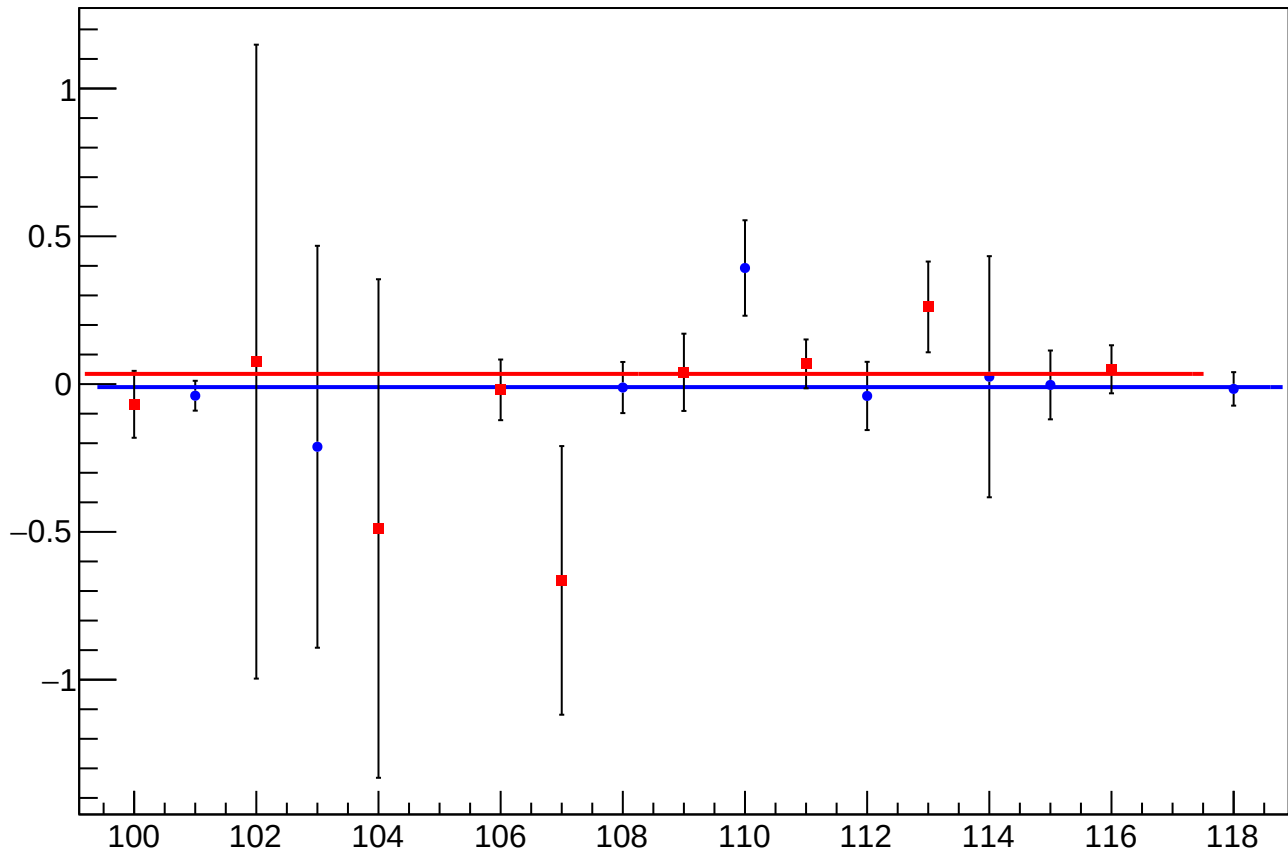
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.825+/-0.018 χ^2/NDF : 3808433.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.031 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.042 χ^2 /NDF: 6.2/8

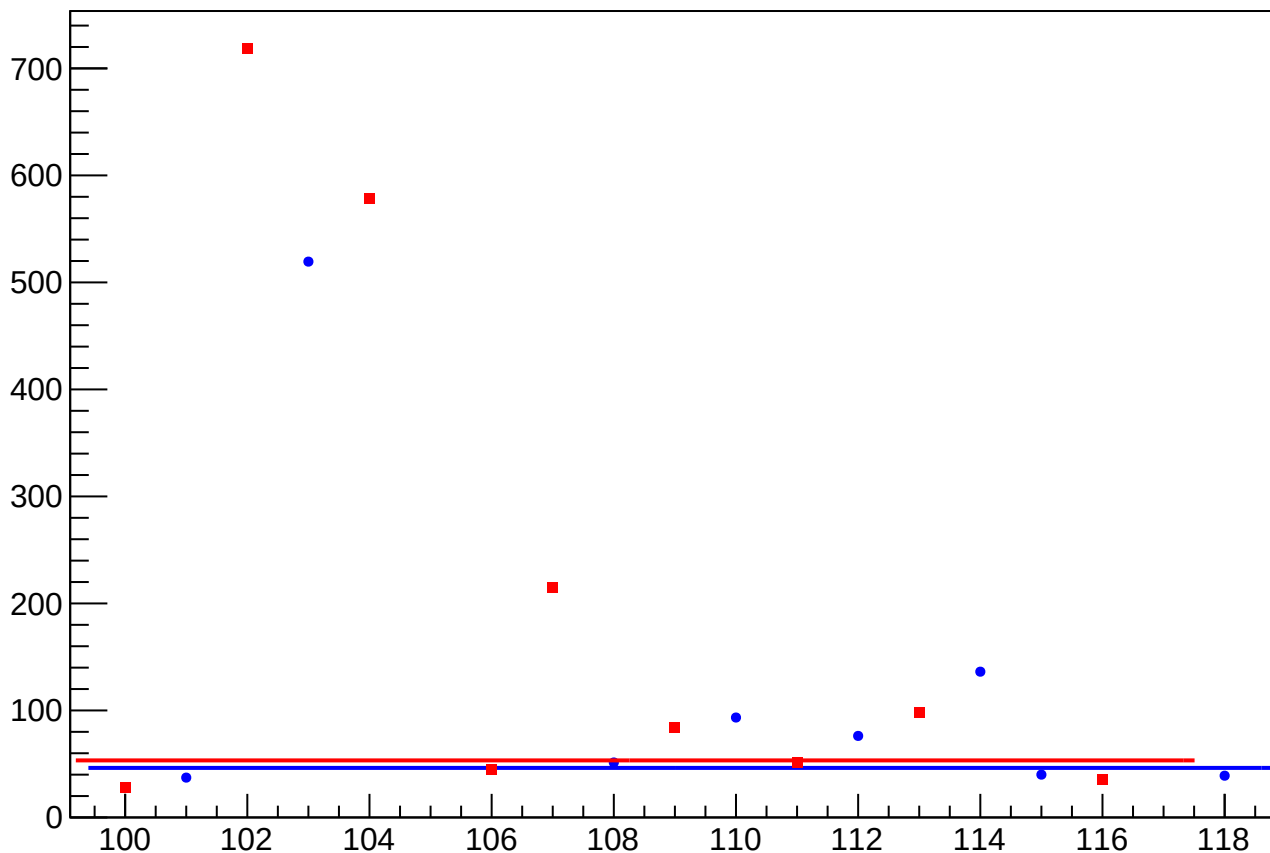
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.025 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.305 $\pm$ 0.022 χ^2 /NDF: 1480181.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.322 $\pm$ 0.029 χ^2 /NDF: 2291706.6/8

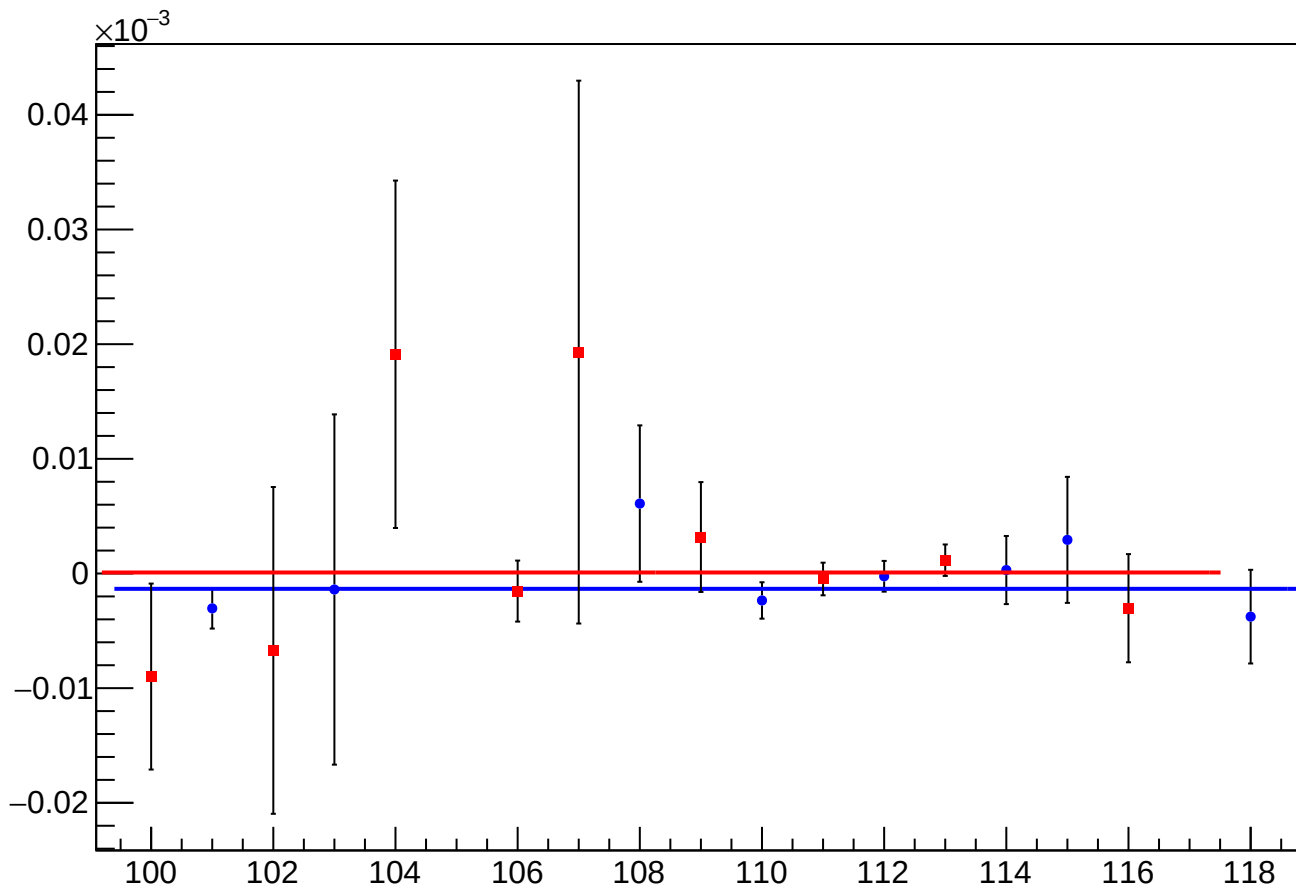
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.825 $\pm$ 0.018 χ^2 /NDF: 3808433.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 5.7/8

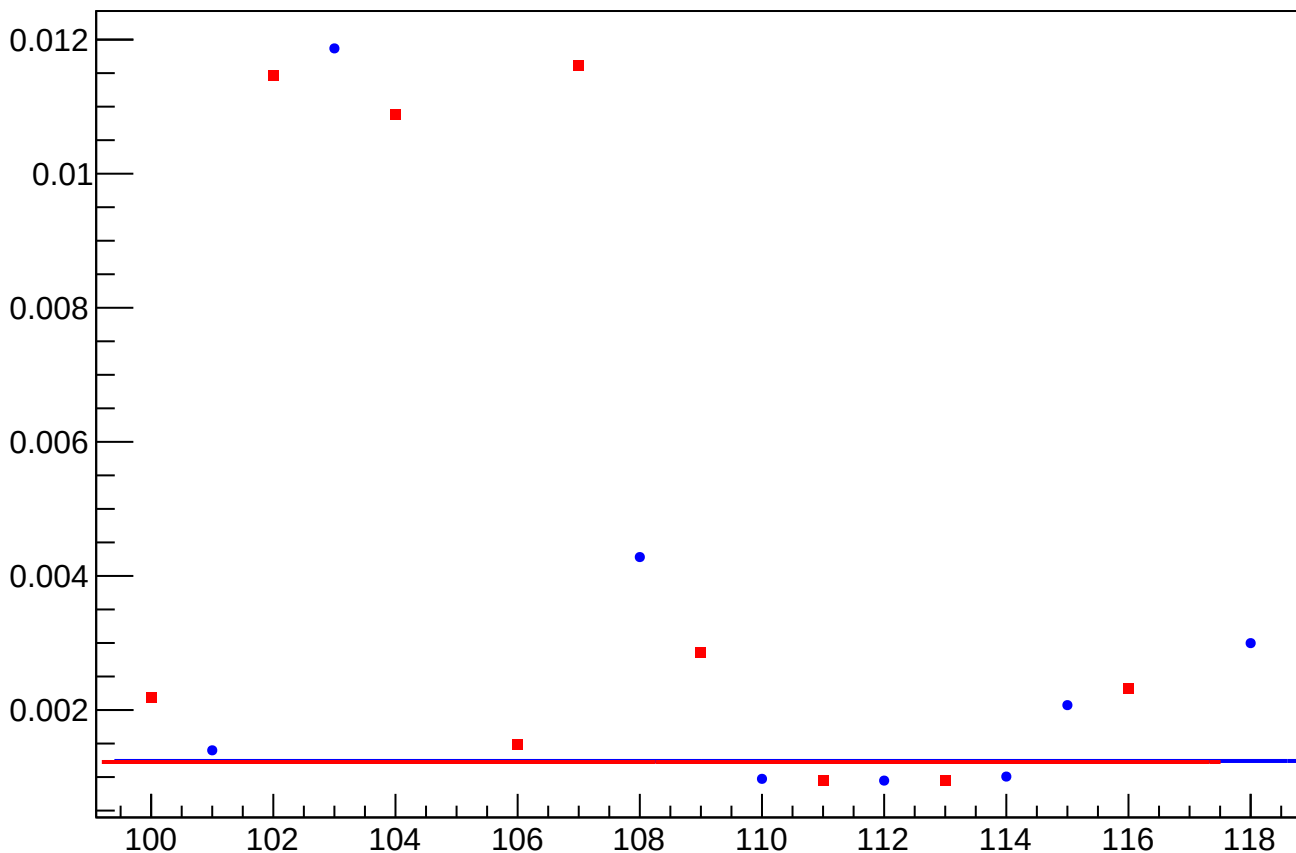
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2775434.6/8

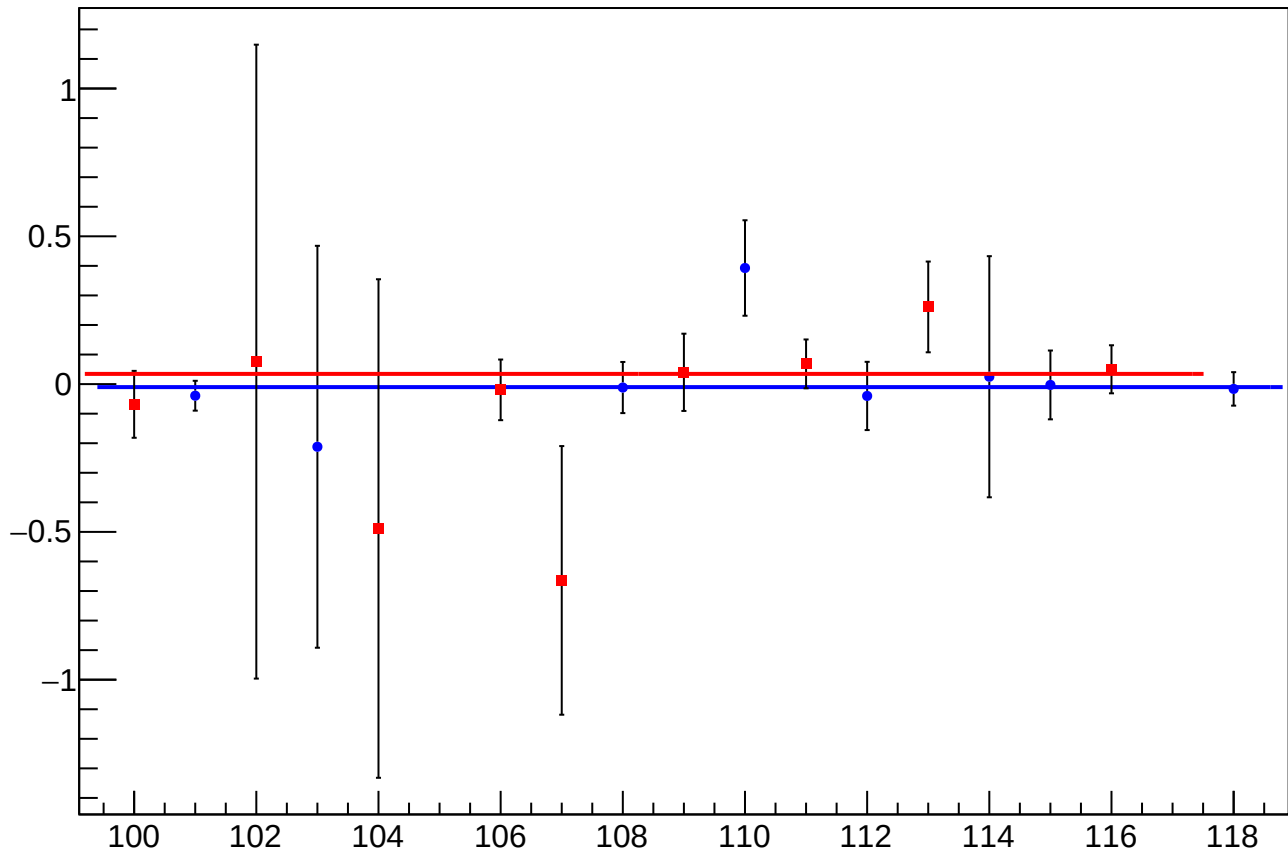
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4738488.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug



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+/-0.042 χ^2/NDF : 6.2/8

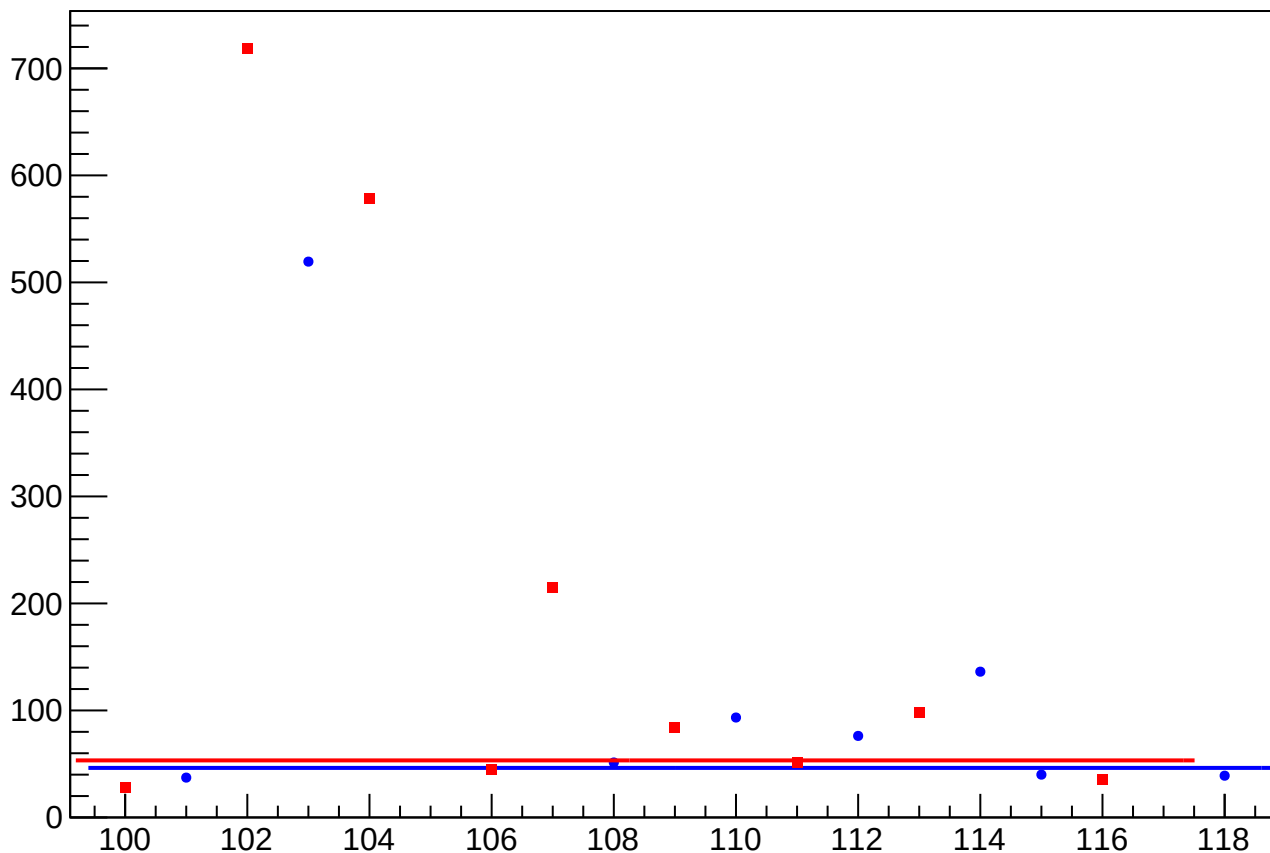
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.025 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 53.321+/-0.029 χ^2/NDF : 2291709.8/8

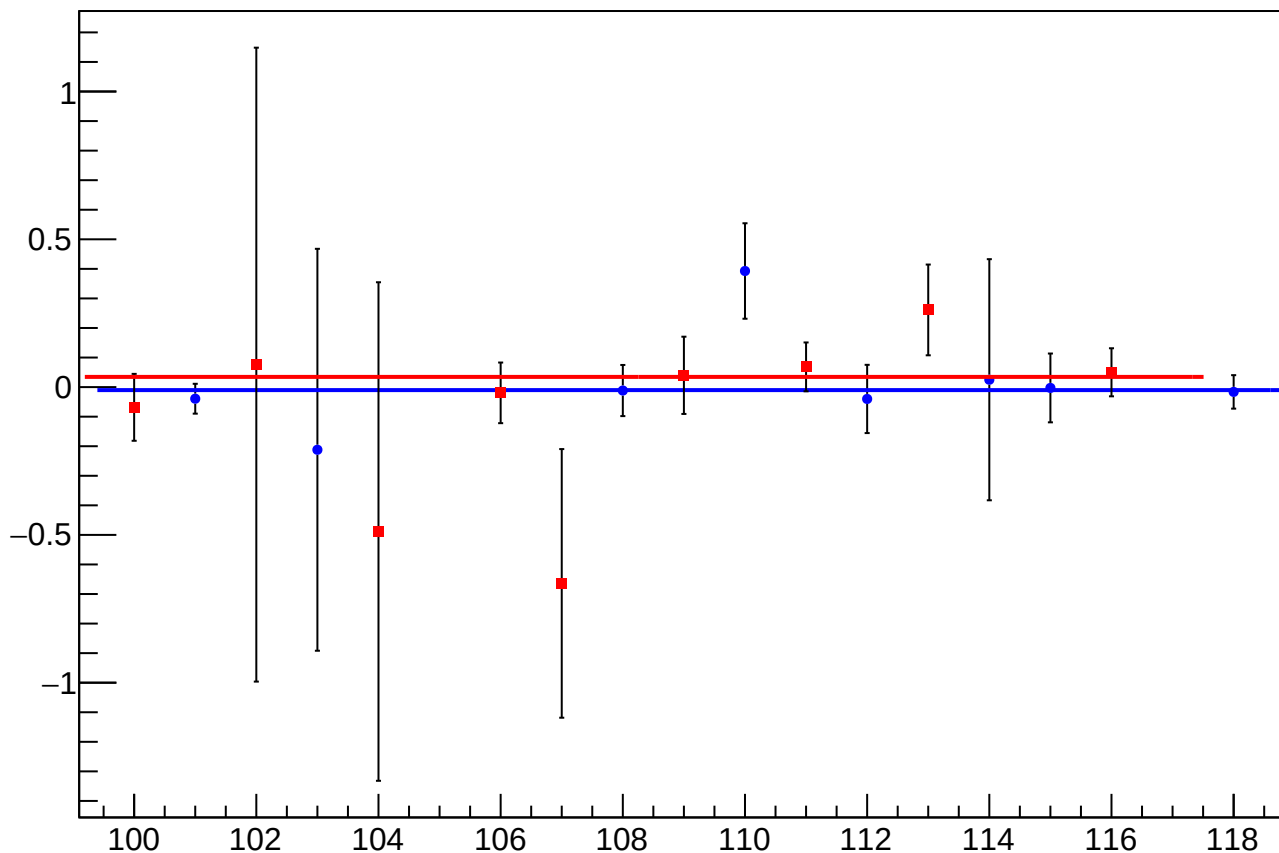
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.825+/-0.018 χ^2/NDF : 3808437.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.010 $\pm$ 0.031 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.035 $\pm$ 0.042 χ^2 /NDF: 6.2/8

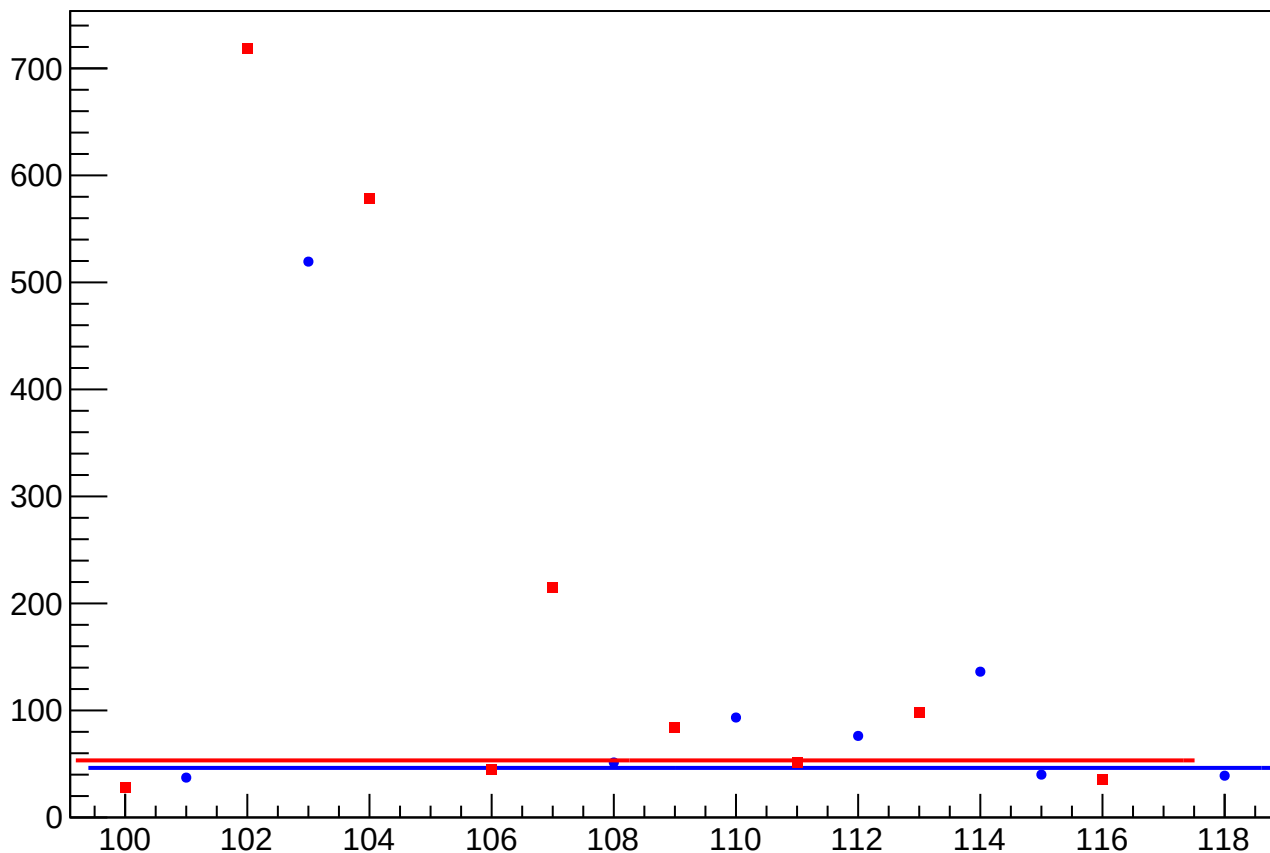
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.025 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 53.321+/-0.029 χ^2/NDF : 2291709.8/8

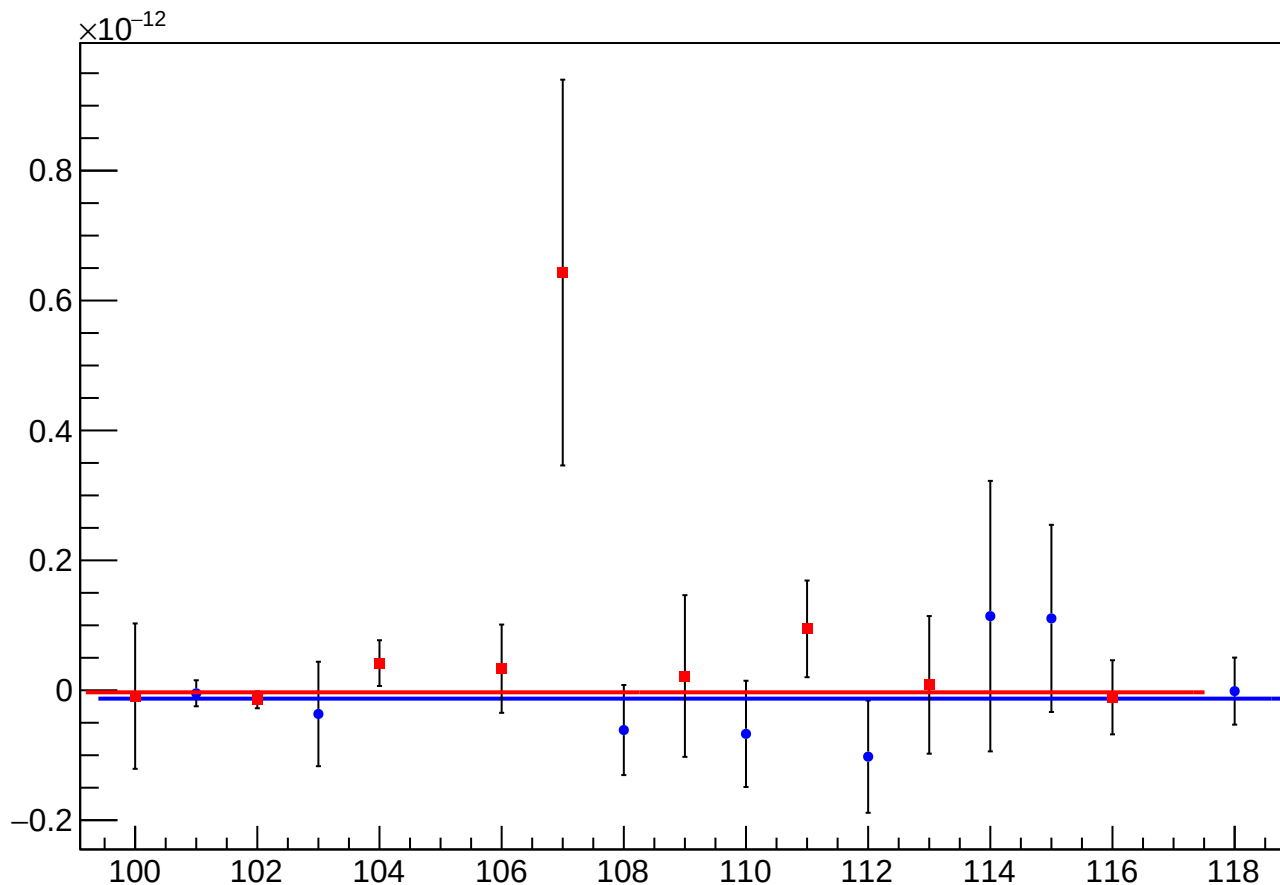
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.825+/-0.018 χ^2/NDF : 3808437.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug



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: 9.2/8

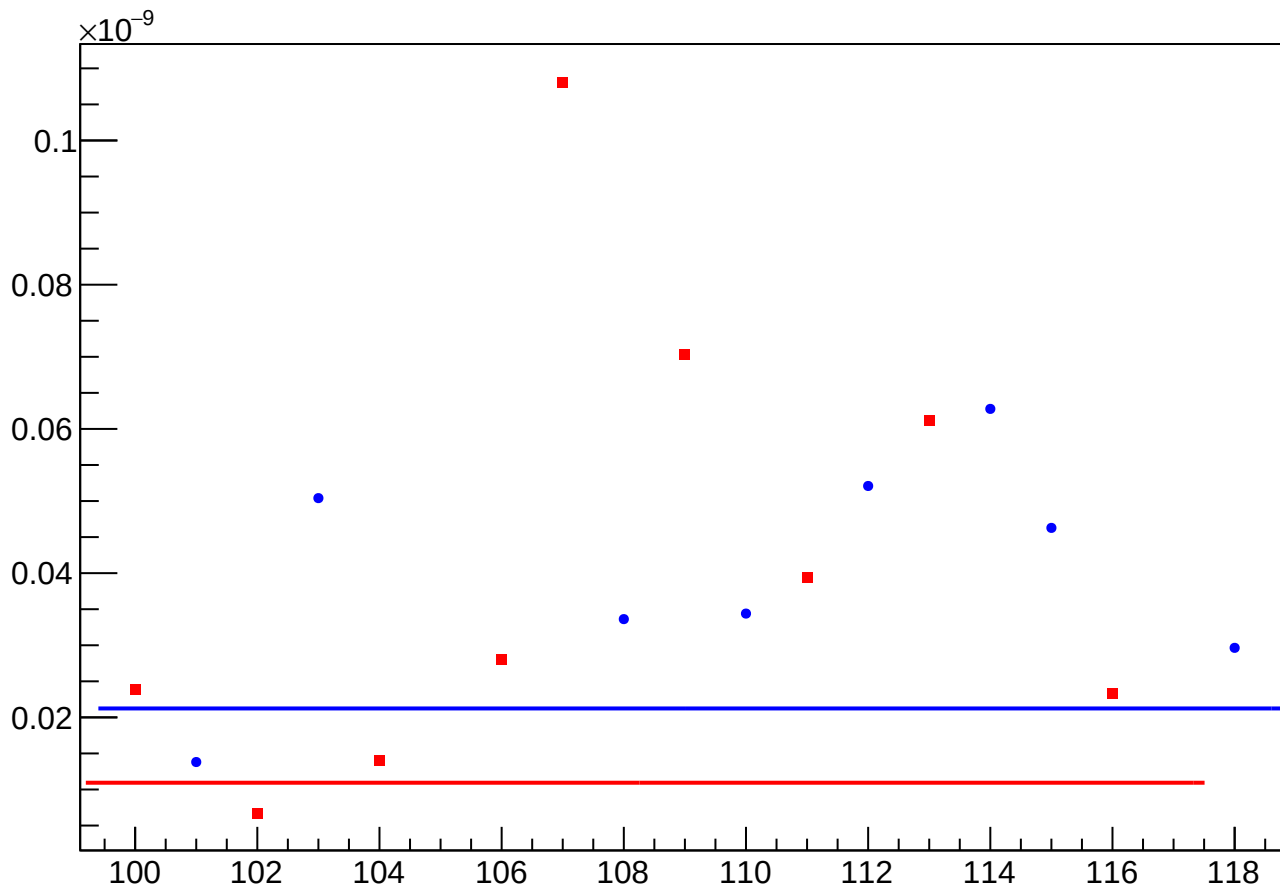
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1891950.1/8

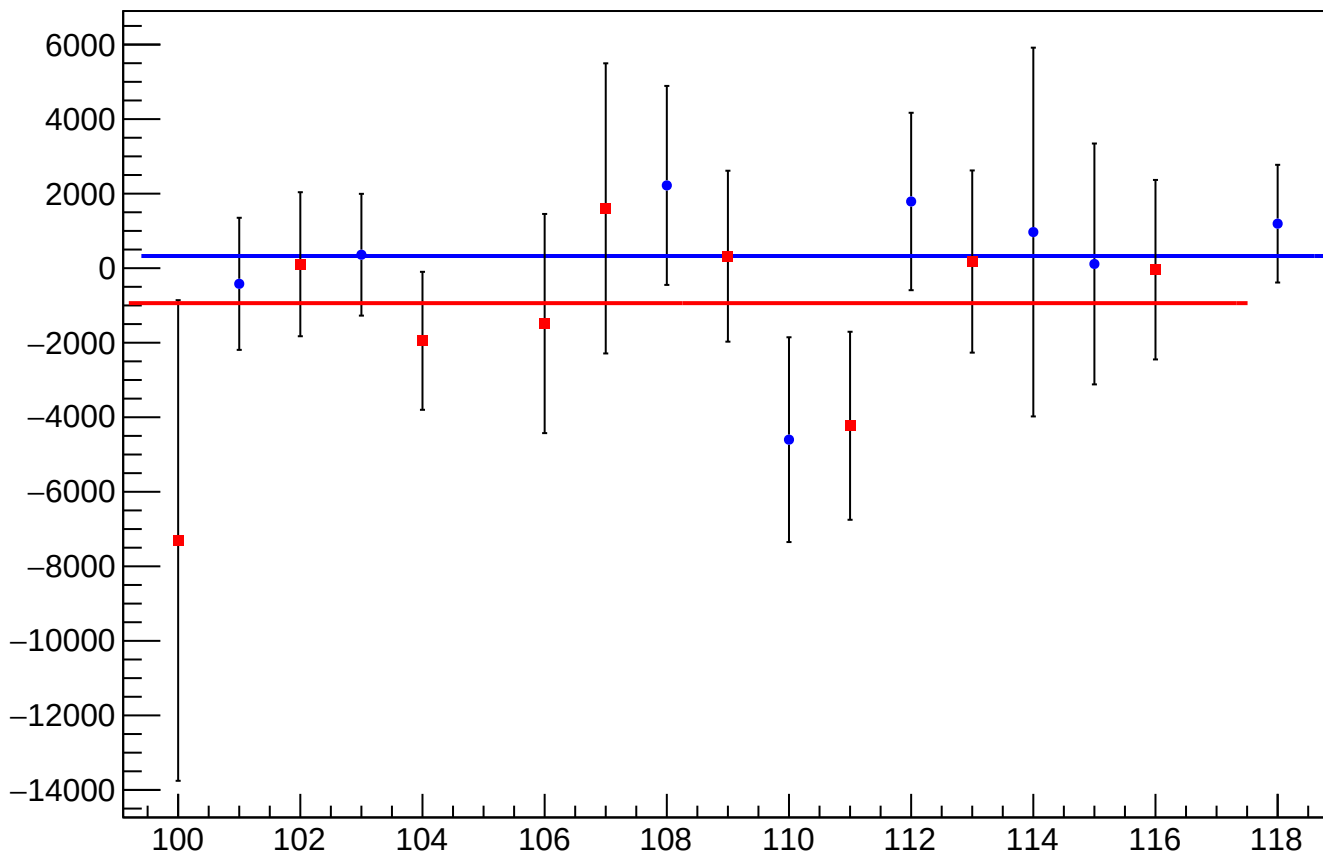
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3512301.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 326.693 $\pm$ 771.529 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -938.106 $\pm$ 829.767 χ^2 /NDF: 4.4/8

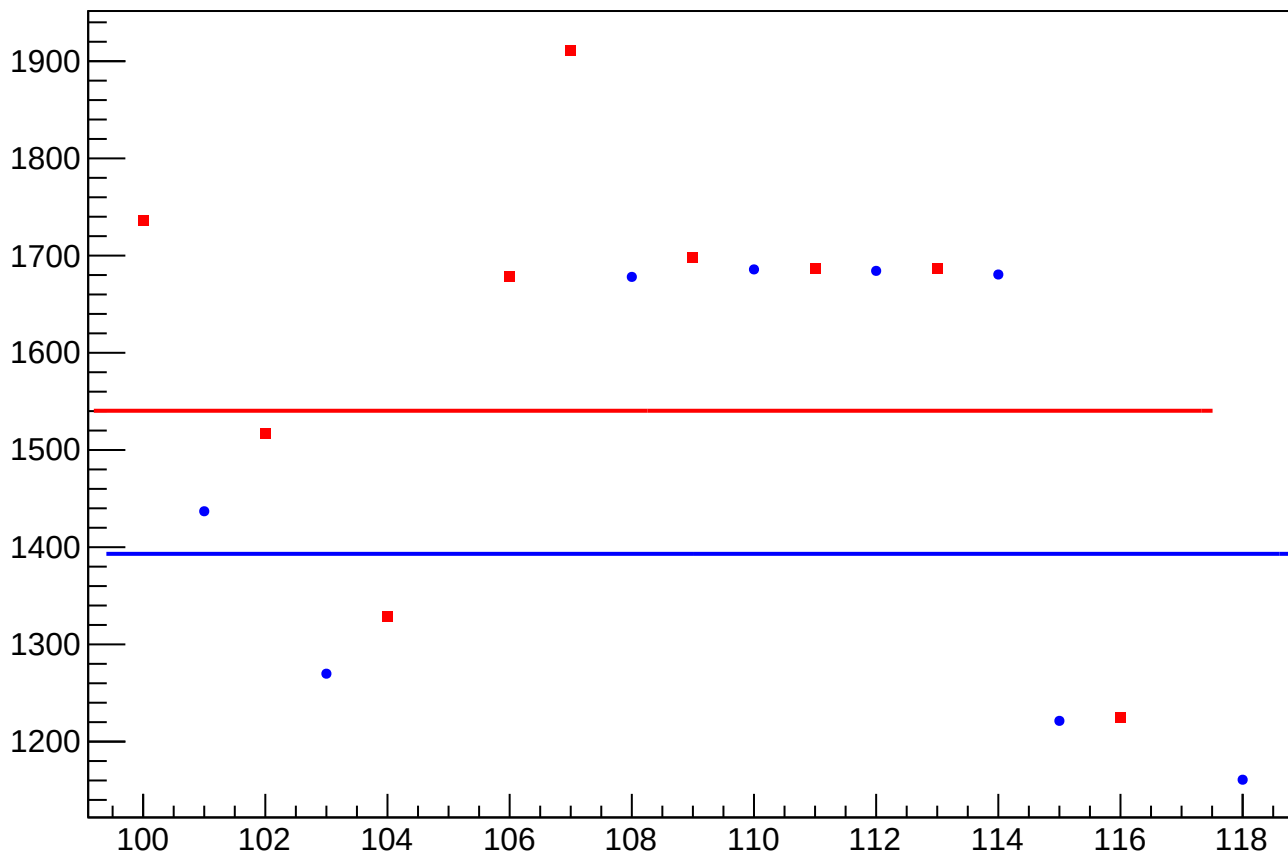
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -259.768 $\pm$ 565.021 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1393.166 $\pm$ 0.546 χ^2 /NDF: 143711.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1540.371 $\pm$ 0.587 χ^2 /NDF: 108551.1/8

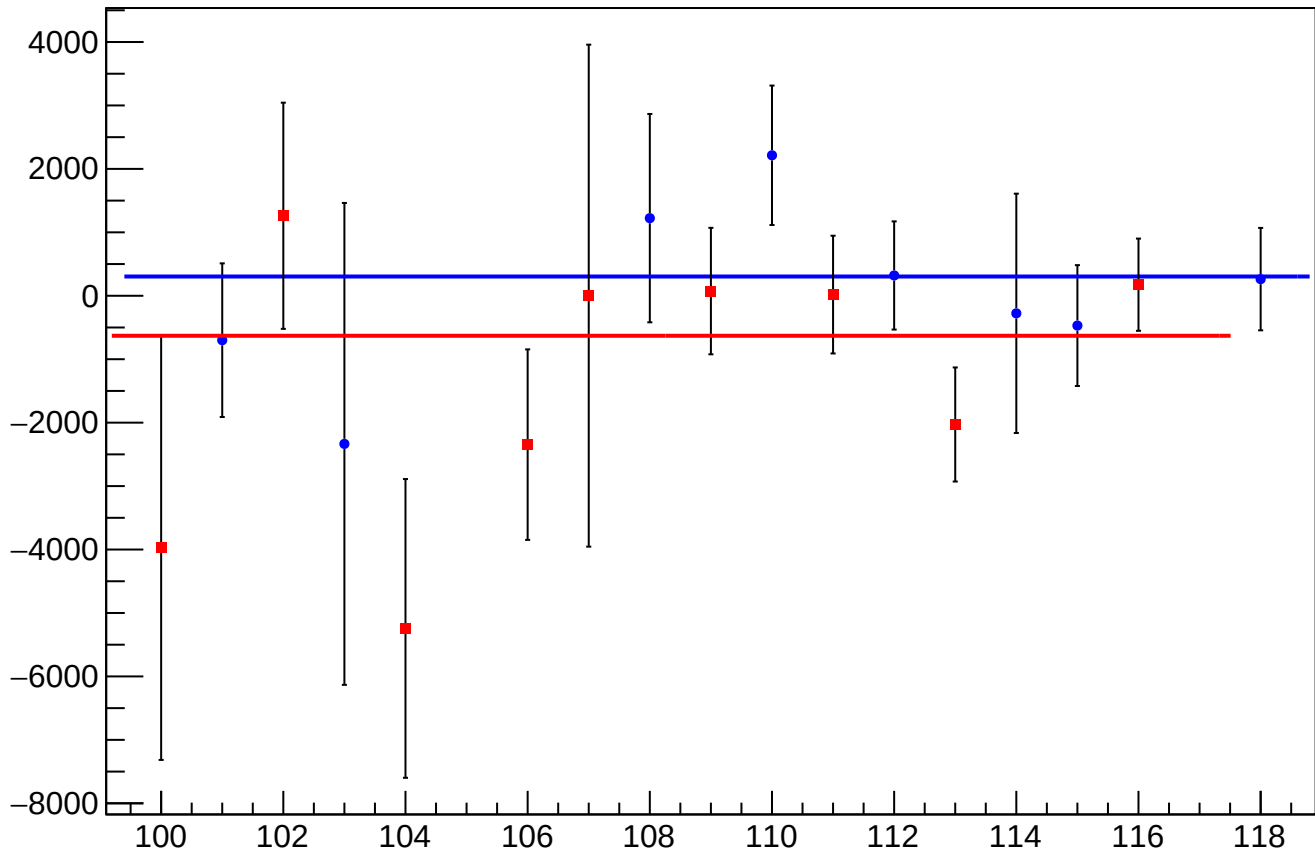
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1461.422 $\pm$ 0.400 χ^2 /NDF: 286021.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 303.717 $\pm$ 400.188 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -630.300 $\pm$ 395.616 χ^2 /NDF: 11.9/8

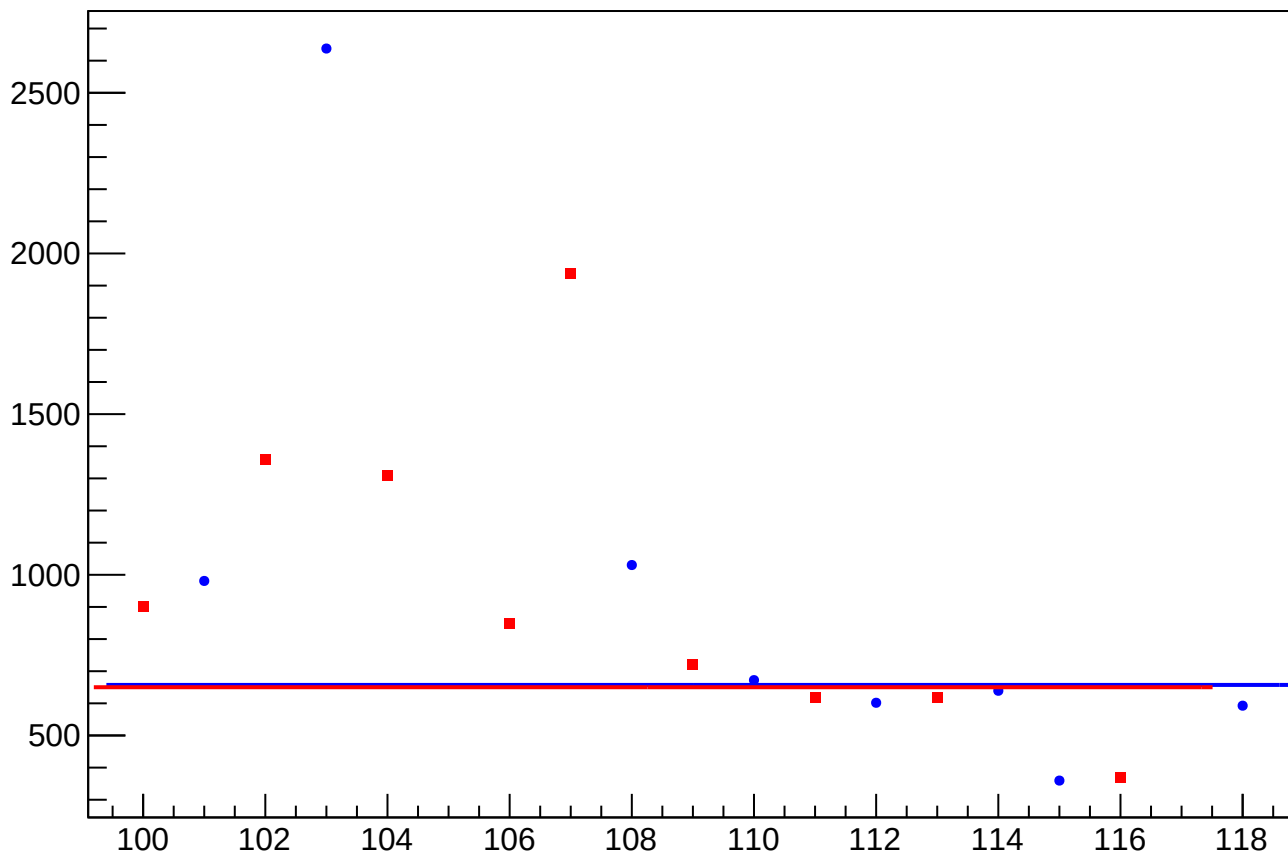
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -168.658 $\pm$ 281.345 χ^2 /NDF: 19.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



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: 650.126+/-0.280 χ^2/NDF : 1046280.2/8

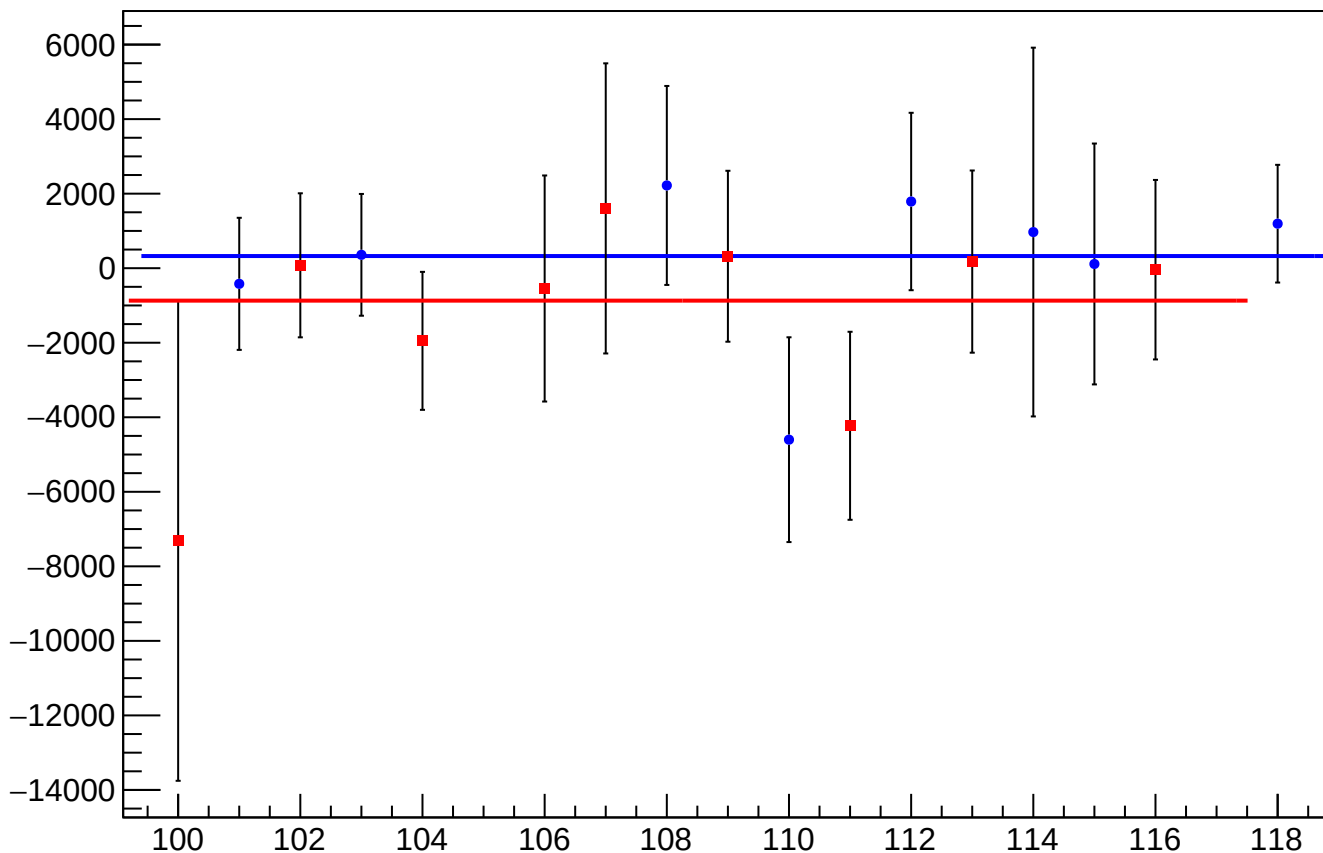
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 653.677+/-0.199 χ^2/NDF : 2053652.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



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: -870.480 $\pm$ 831.774 χ^2 /NDF: 4.3/8

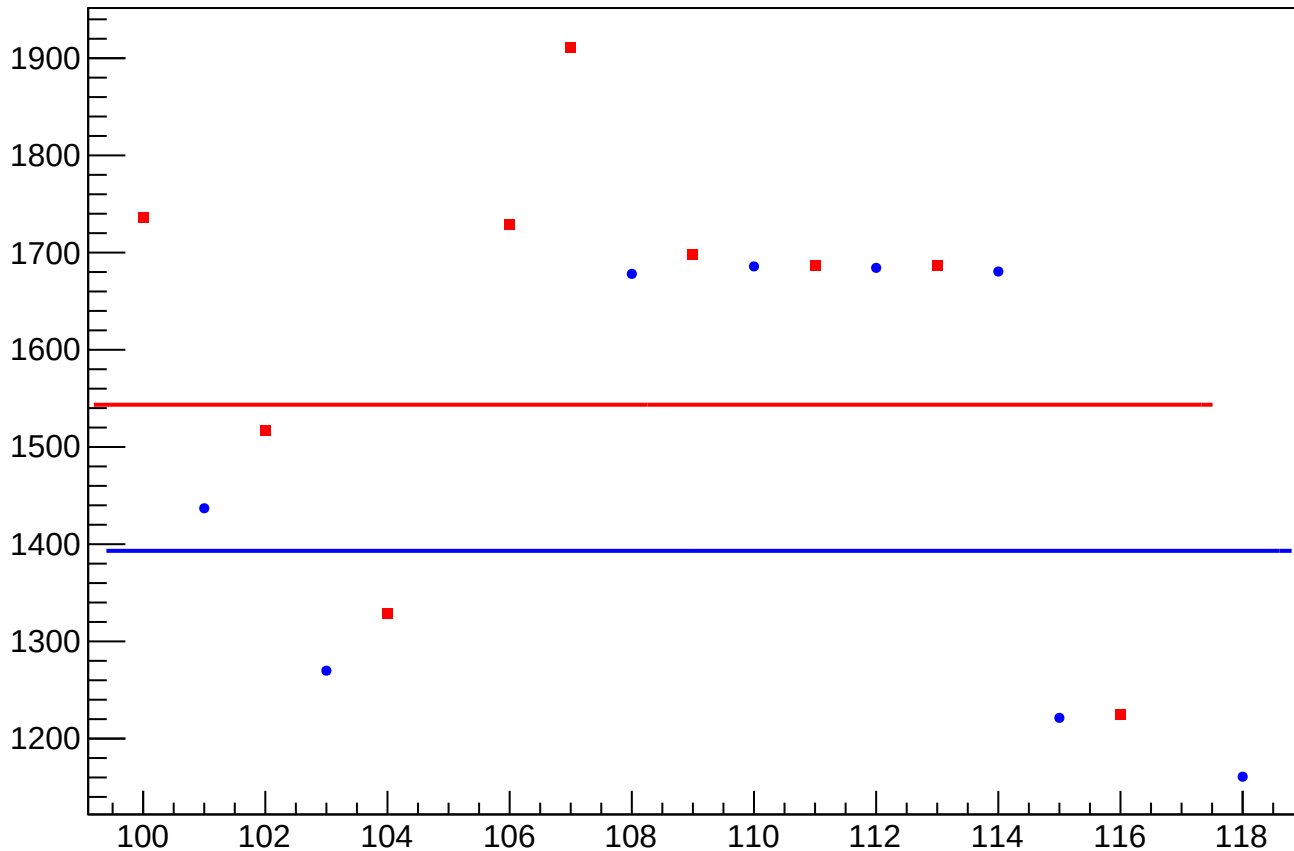
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -227.313 $\pm$ 565.654 χ^2 /NDF: 10.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1393.166 $\pm$ 0.546 χ^2 /NDF: 143711.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1543.482 $\pm$ 0.588 χ^2 /NDF: 111789.3/8

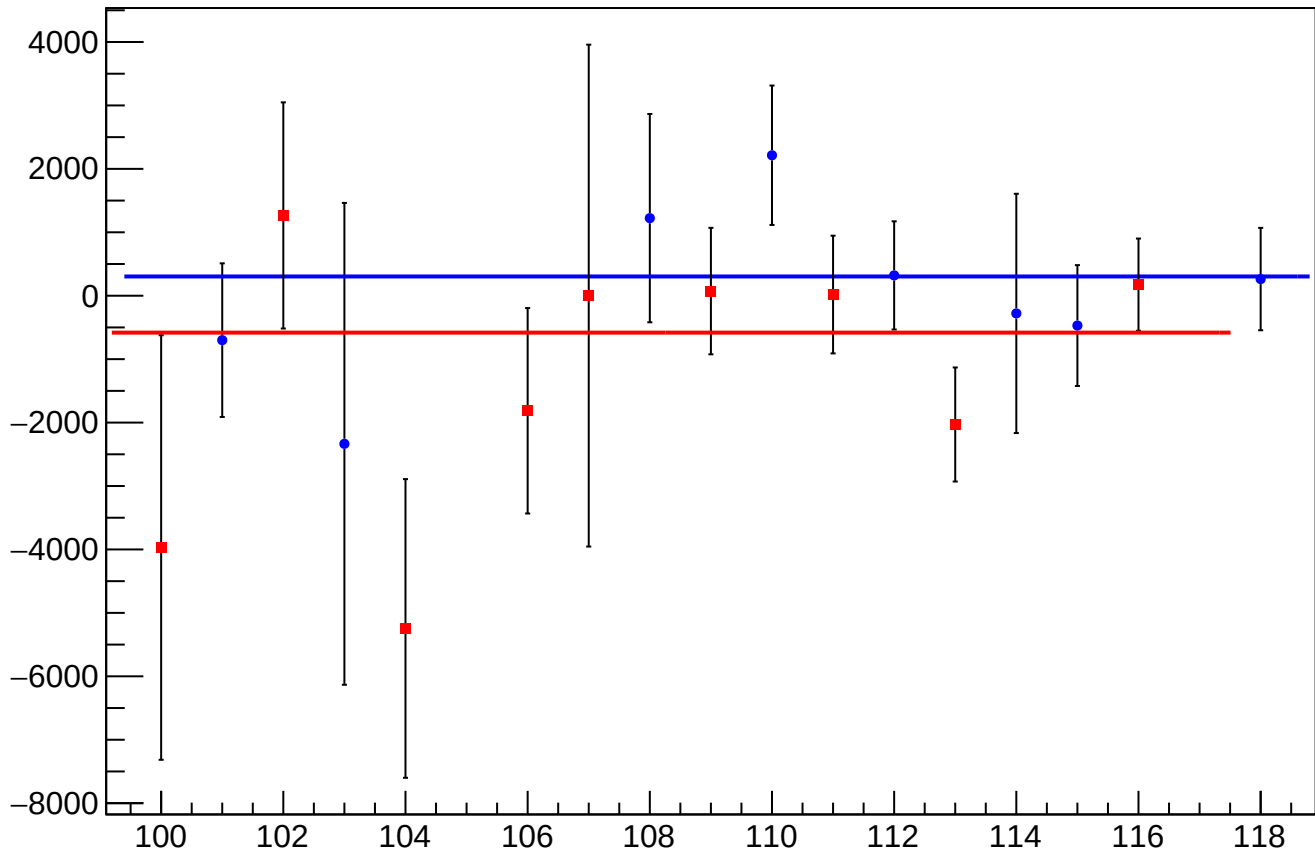
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1462.684 $\pm$ 0.400 χ^2 /NDF: 290610.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



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: -581.573+/-397.555 χ^2/NDF : 11.2/8

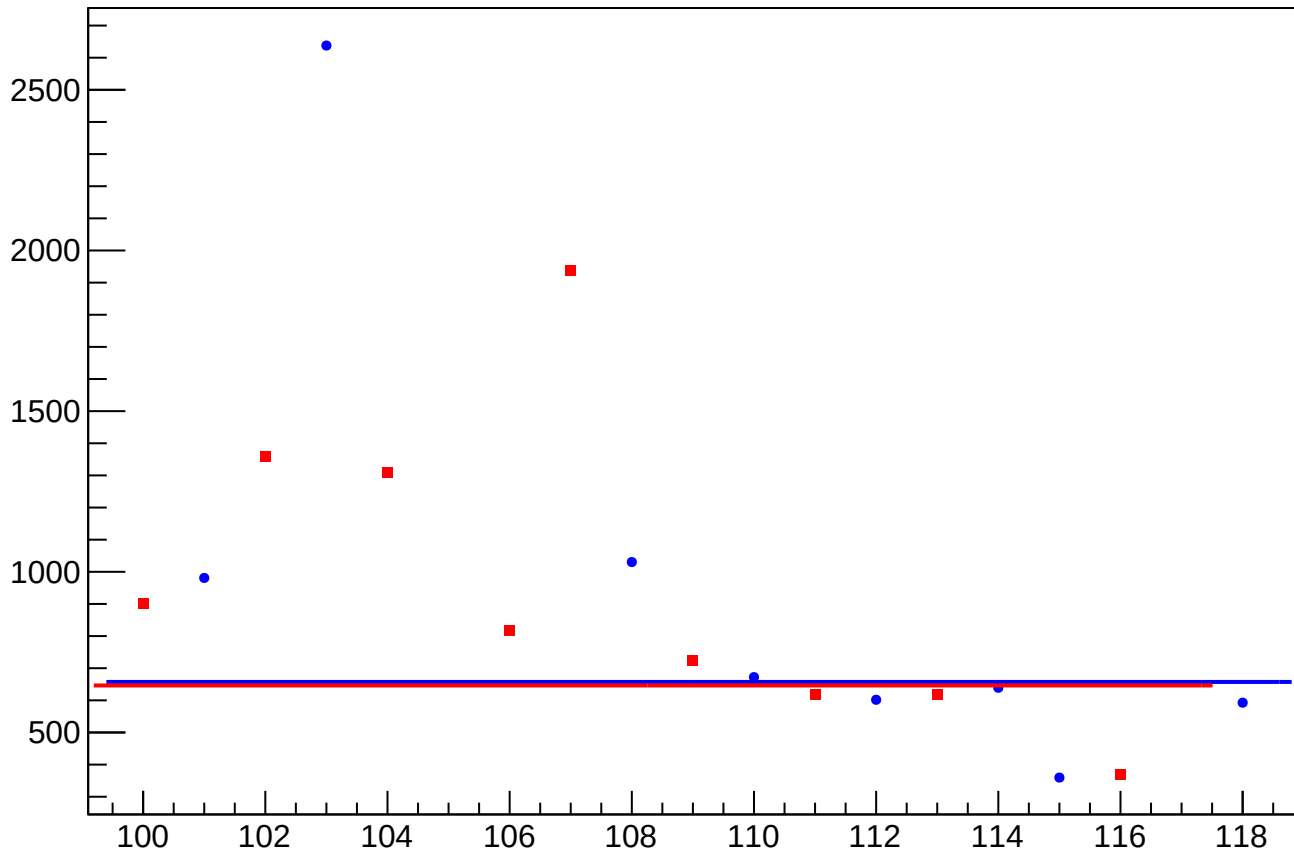
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.915+/-282.039 χ^2/NDF : 18.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



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: 646.319+/-0.281 χ^2/NDF : 1032829.9/8

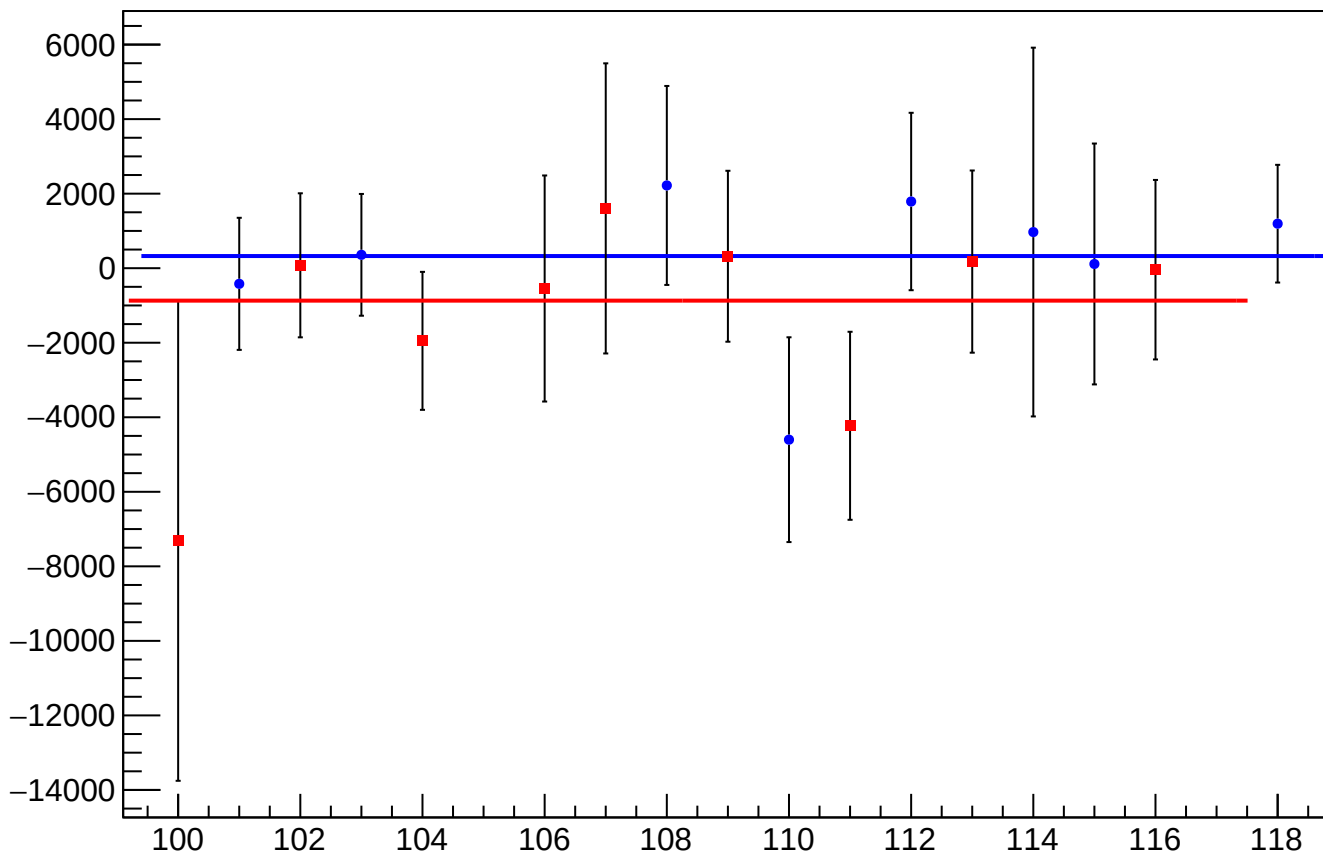
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.775+/-0.199 χ^2/NDF : 2040627.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 326.060+/-771.530 χ^2/NDF : 4.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -870.480+/-831.774 χ^2/NDF : 4.3/8

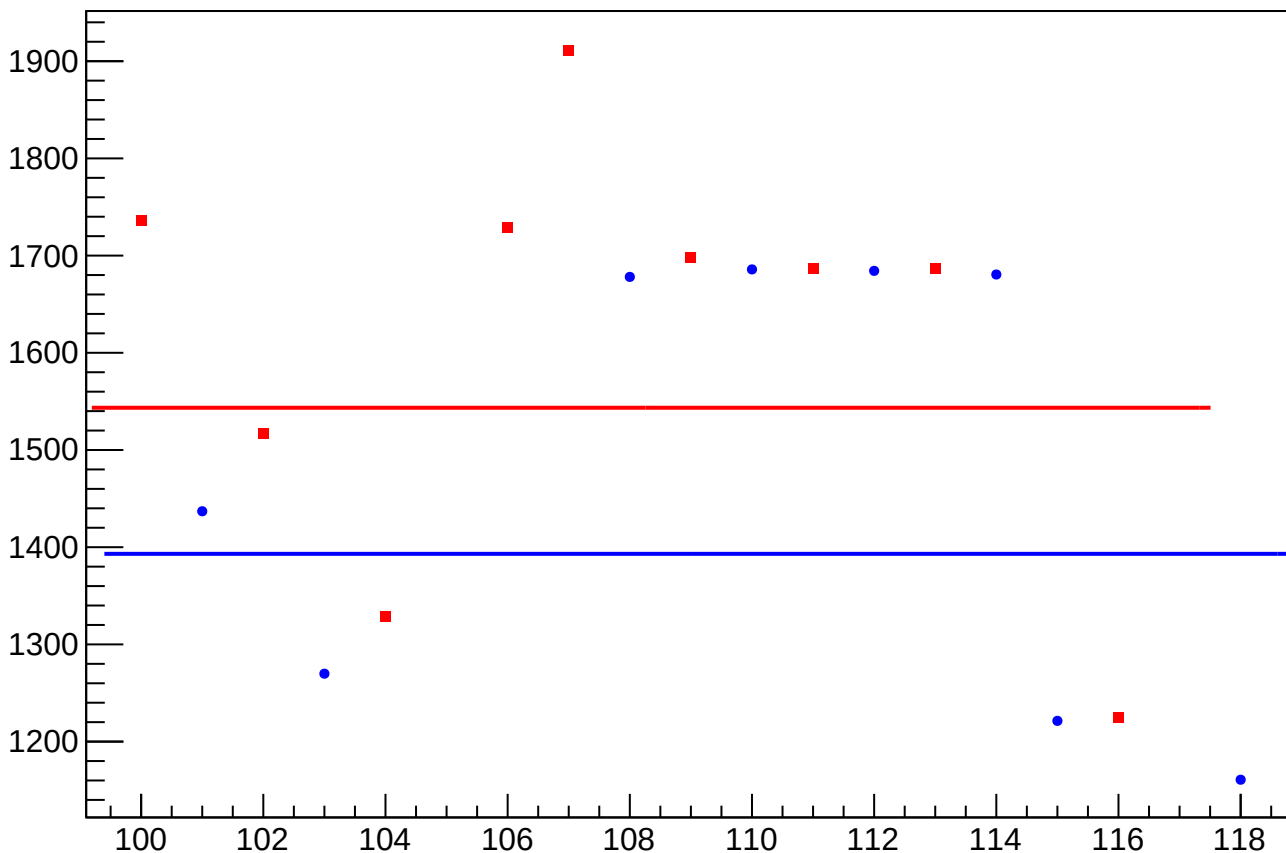
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -227.313+/-565.654 χ^2/NDF : 10.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



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: 1543.482+/-0.588 χ^2/NDF : 111789.3/8

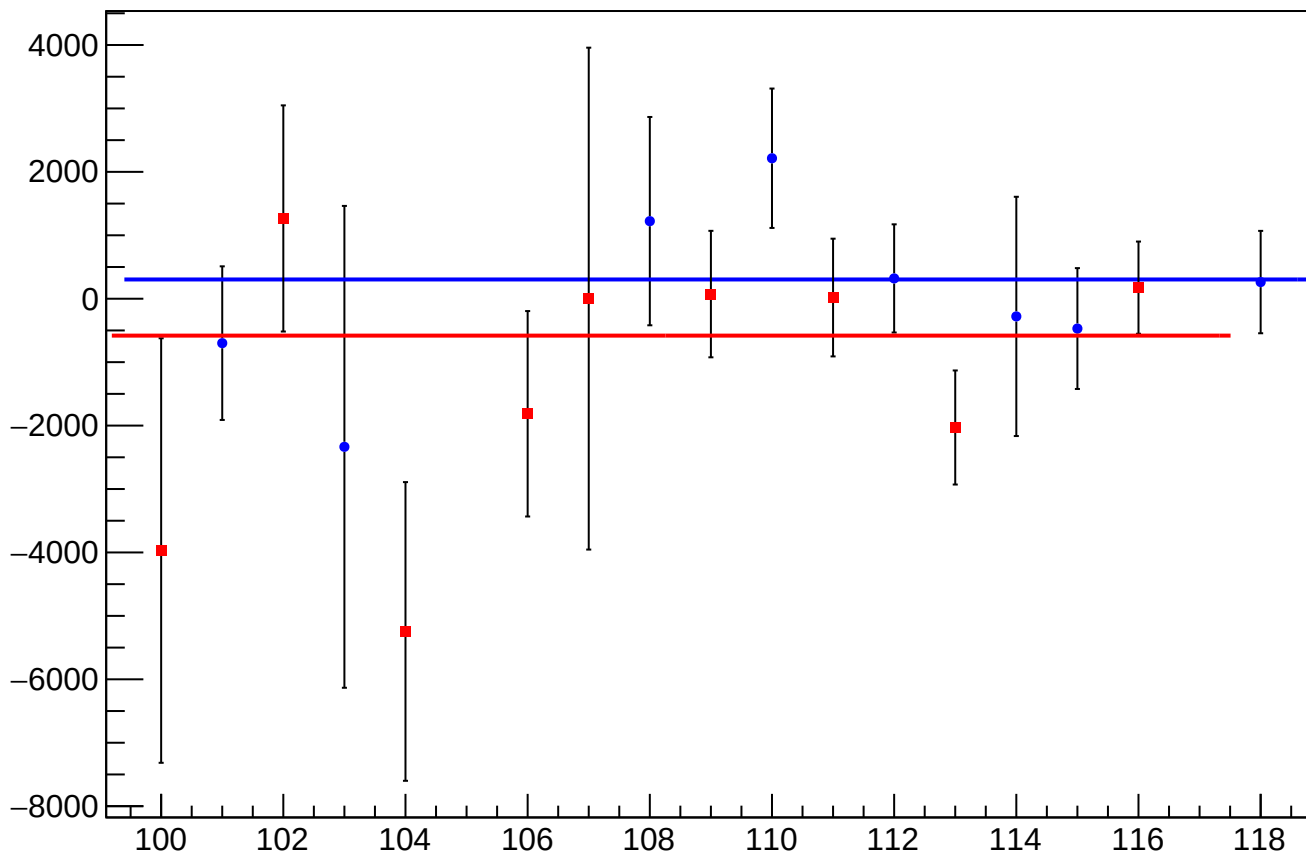
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1462.684+/-0.400 χ^2/NDF : 290610.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 303.580 $\pm$ 400.186 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -581.573 $\pm$ 397.555 χ^2 /NDF: 11.2/8

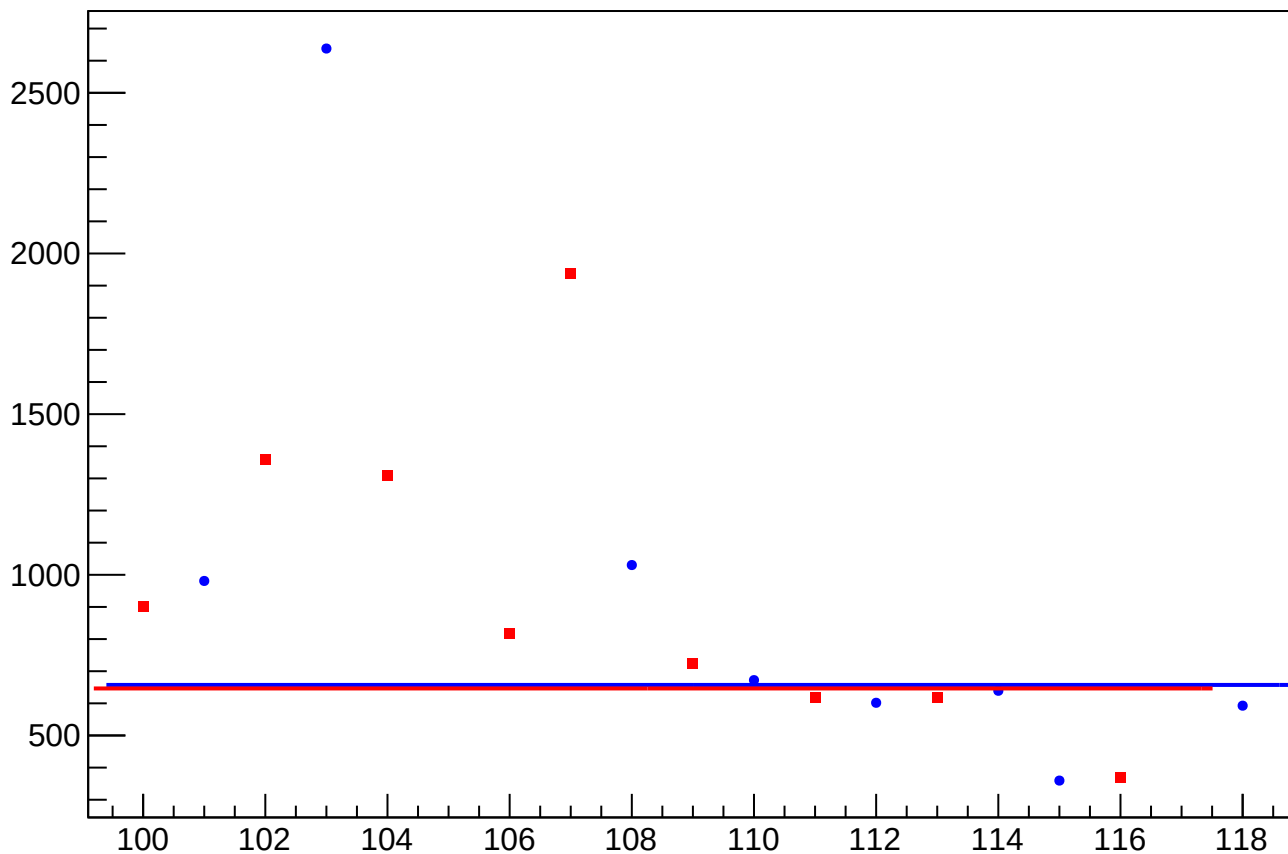
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -141.915 $\pm$ 282.039 χ^2 /NDF: 18.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



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: 646.319+/-0.281 χ^2/NDF : 1032829.9/8

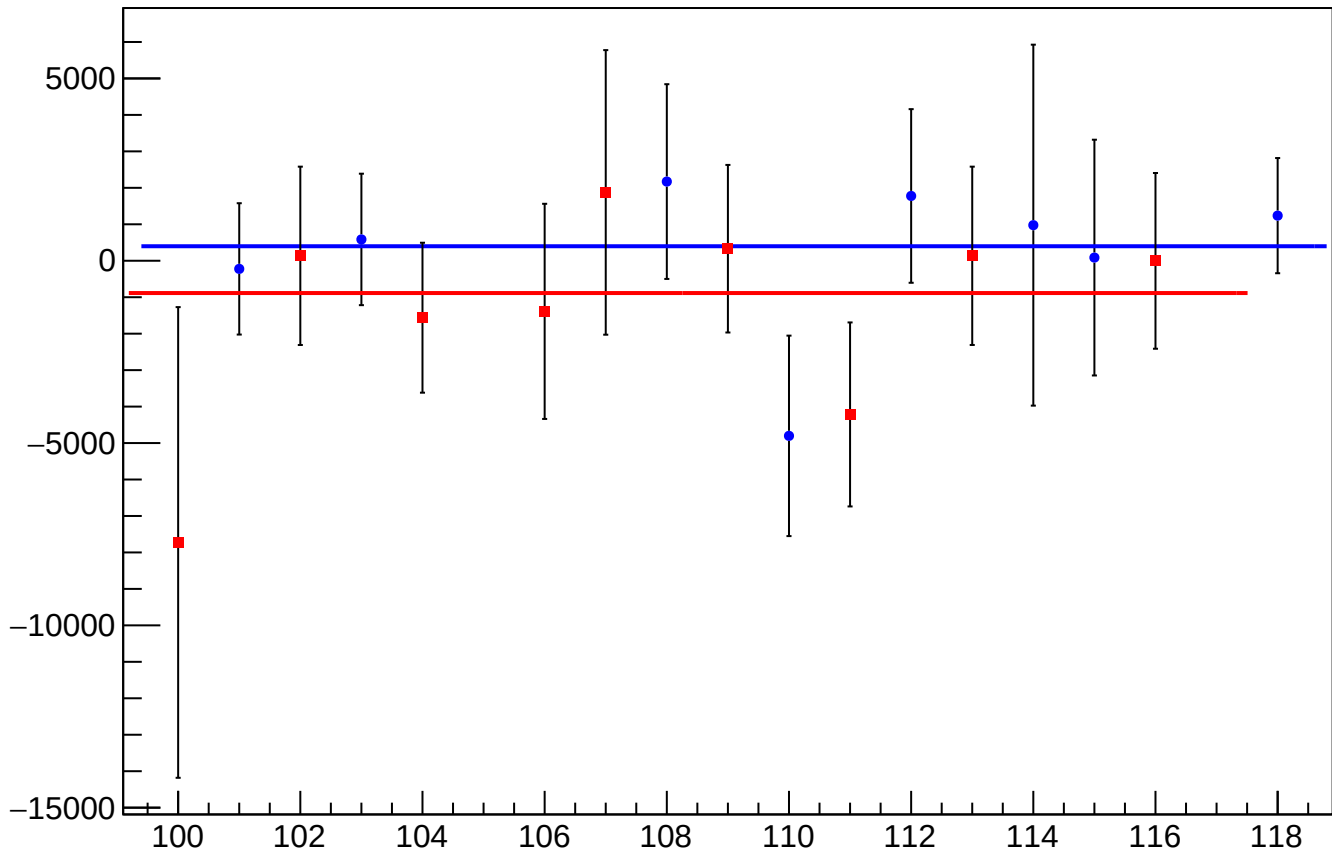
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 651.775+/-0.199 χ^2/NDF : 2040627.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



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: -885.705 $\pm$ 879.065 χ^2 /NDF: 4.3/8

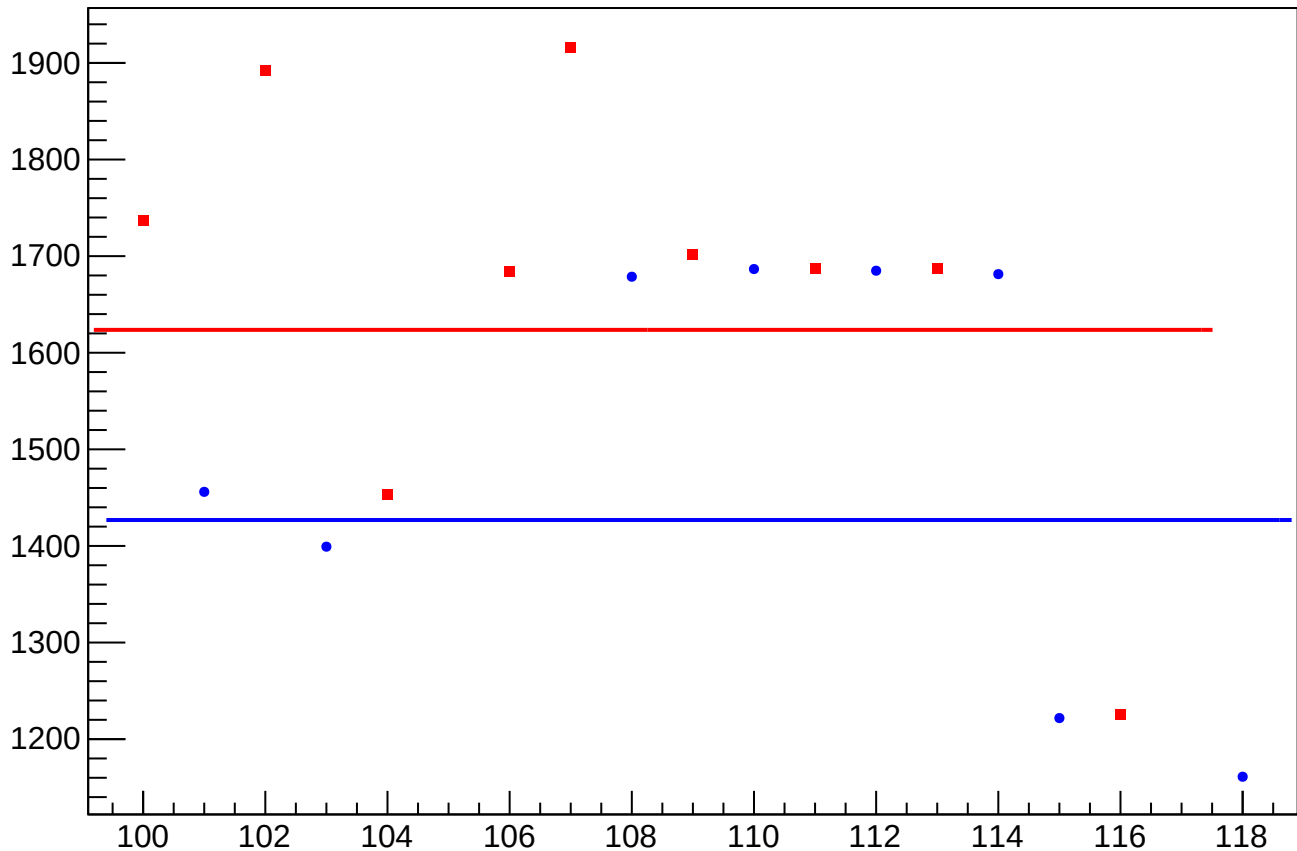
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -175.629 $\pm$ 587.603 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1426.837 $\pm$ 0.559 χ^2 /NDF: 130074.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1623.683 $\pm$ 0.622 χ^2 /NDF: 110054.6/8

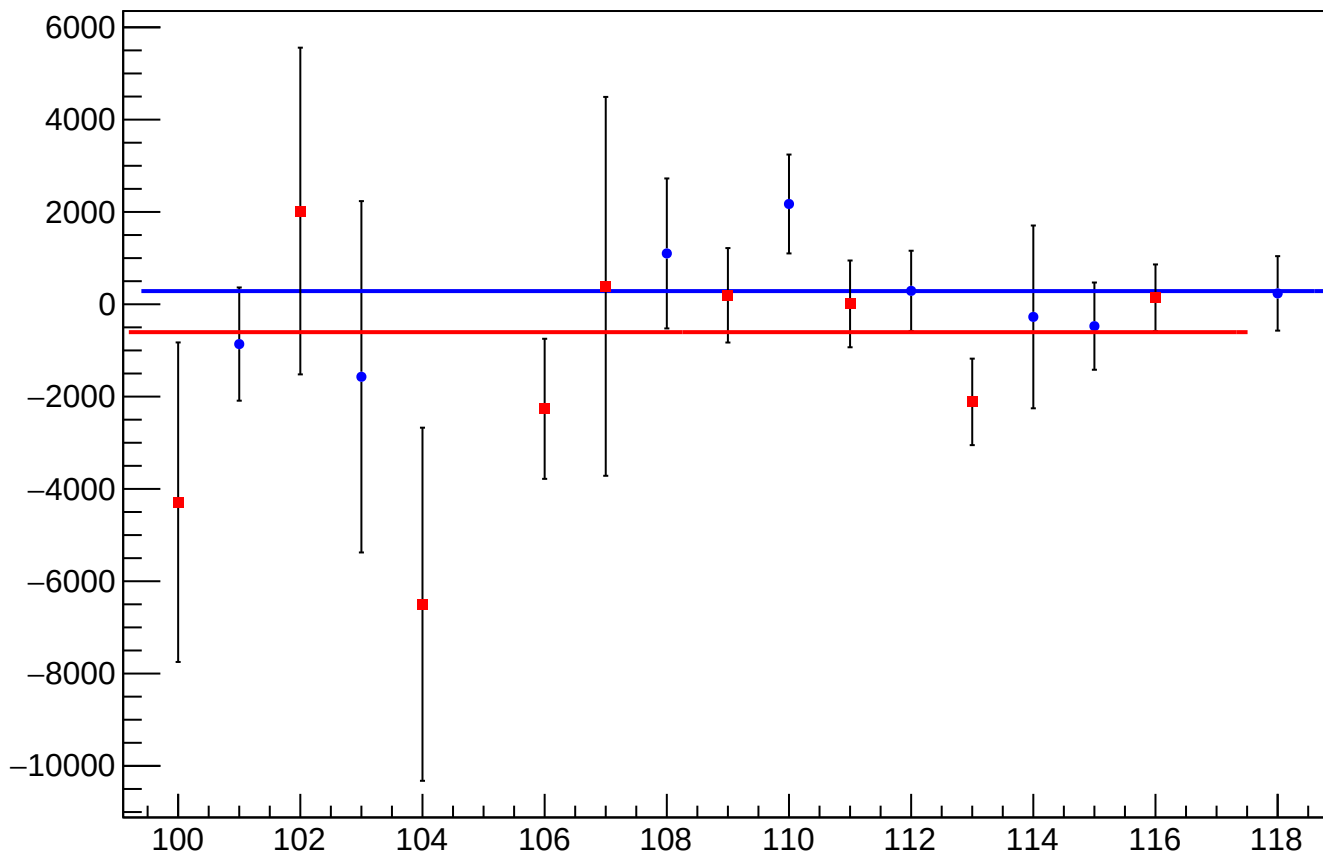
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1514.791 $\pm$ 0.415 χ^2 /NDF: 295605.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



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: -603.903+/-412.688 χ^2/NDF : 10.0/8

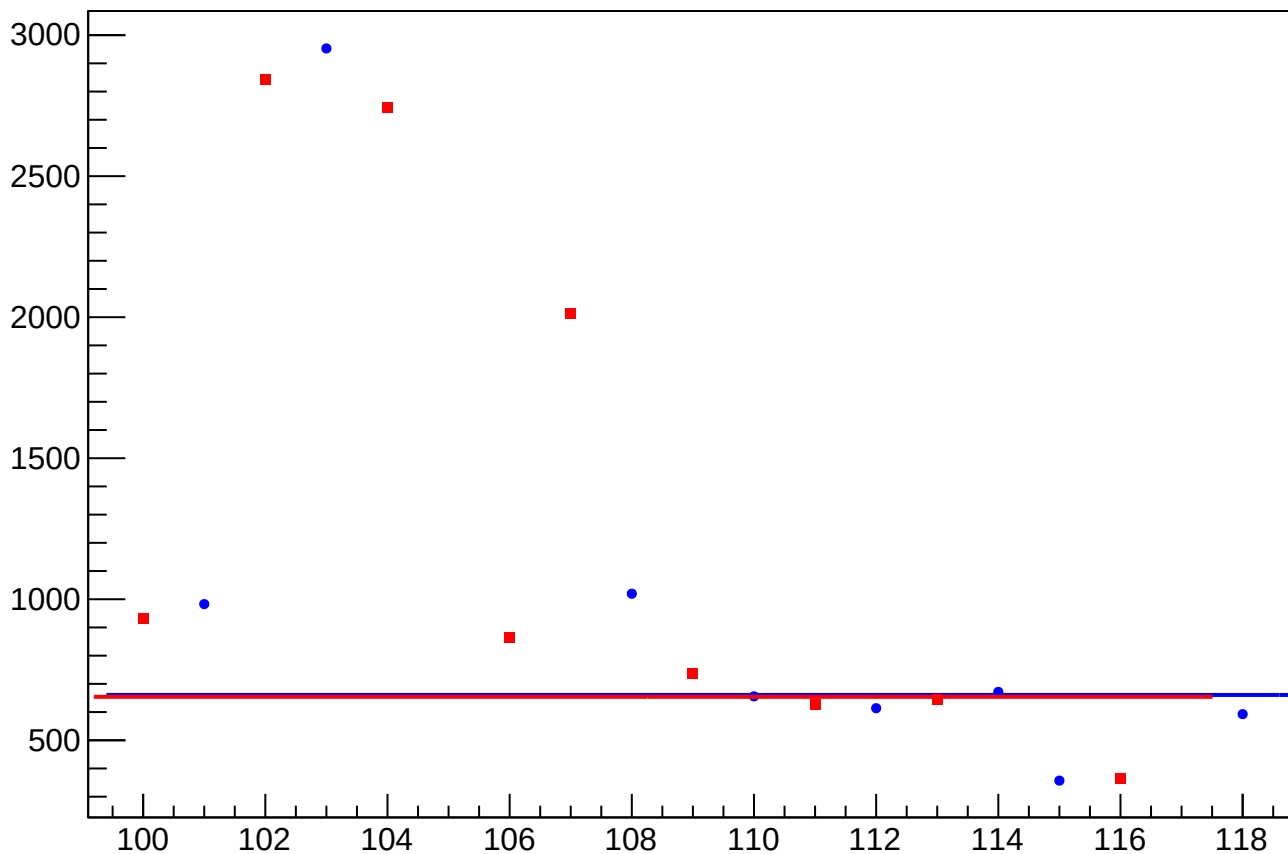
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.344+/-287.573 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



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: 654.002+/-0.292 χ^2/NDF : 1966409.7/8

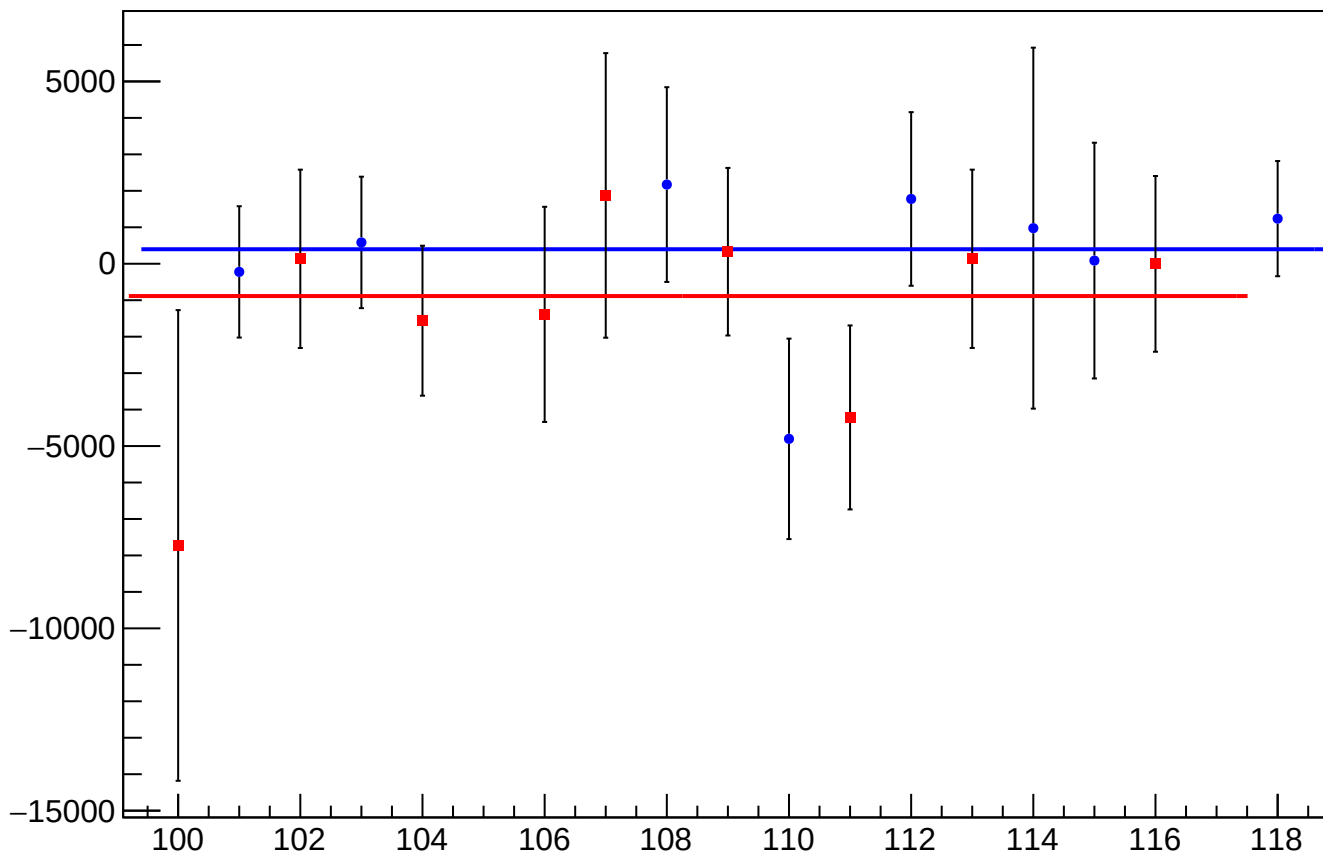
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.430+/-0.203 χ^2/NDF : 3154612.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: 397.909 $\pm$ 790.038 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -885.706 $\pm$ 879.064 χ^2 /NDF: 4.3/8

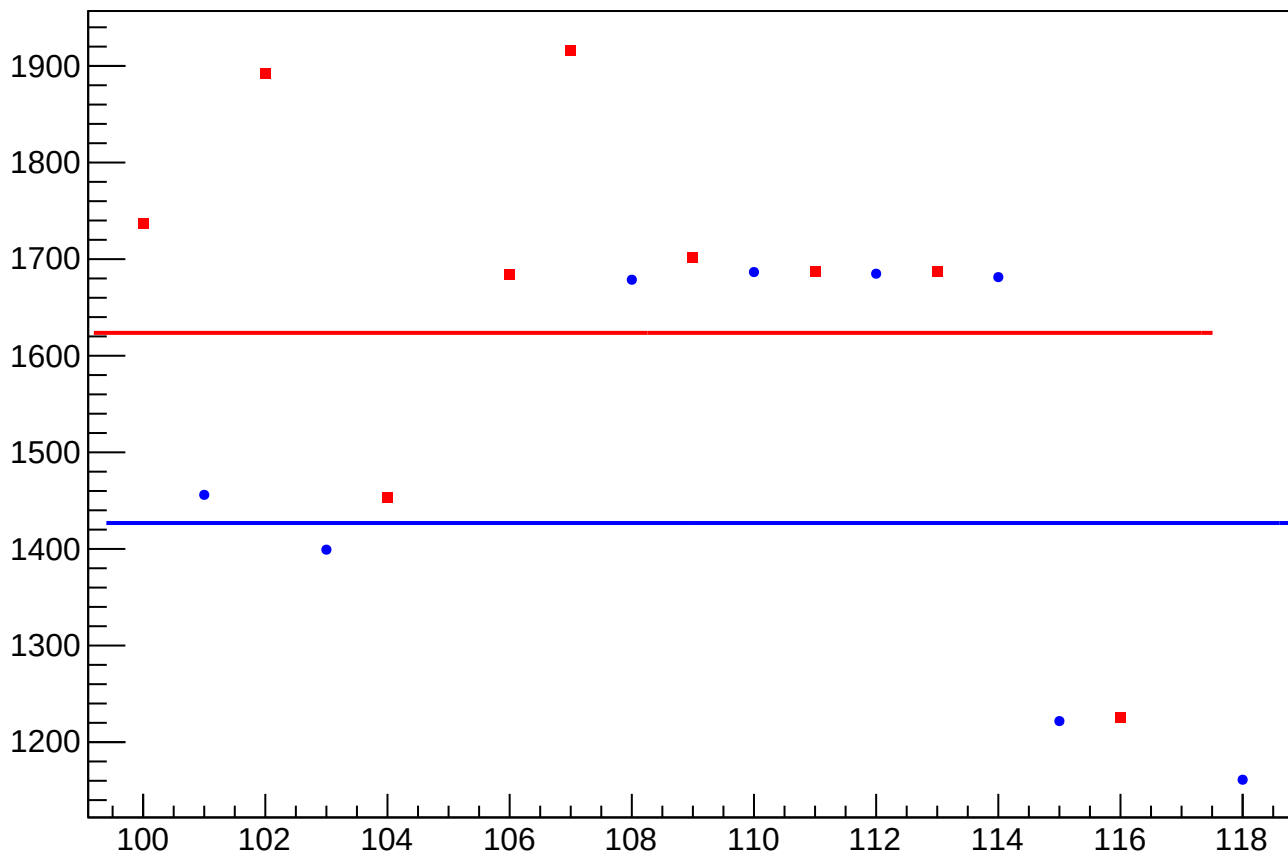
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -175.628 $\pm$ 587.603 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1426.837 $\pm$ 0.559 χ^2 /NDF: 130074.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1623.683 $\pm$ 0.622 χ^2 /NDF: 110054.8/8

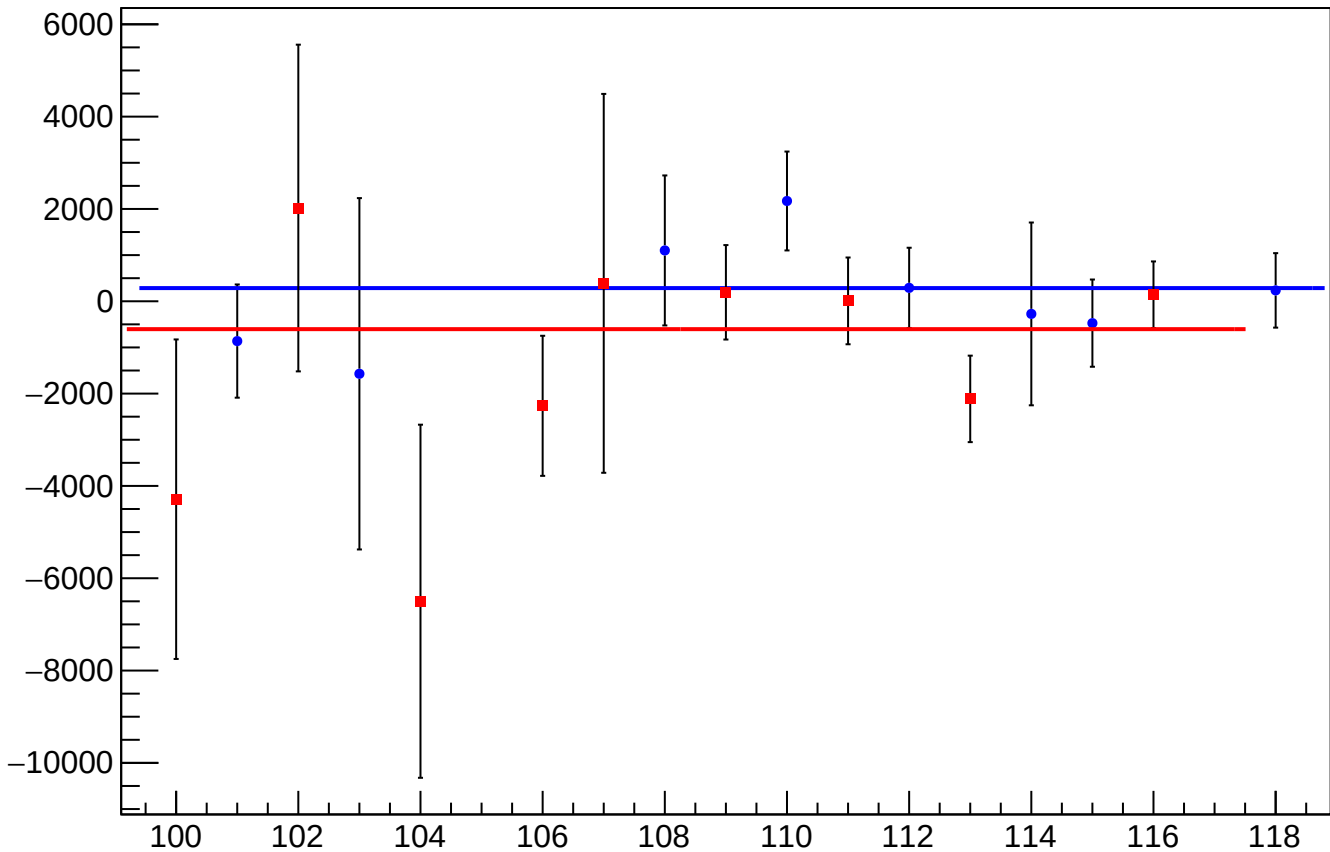
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1514.790 $\pm$ 0.415 χ^2 /NDF: 295606.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 285.551 $\pm$ 400.946 χ^2 /NDF: 5.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -603.901 $\pm$ 412.687 χ^2 /NDF: 10.0/8

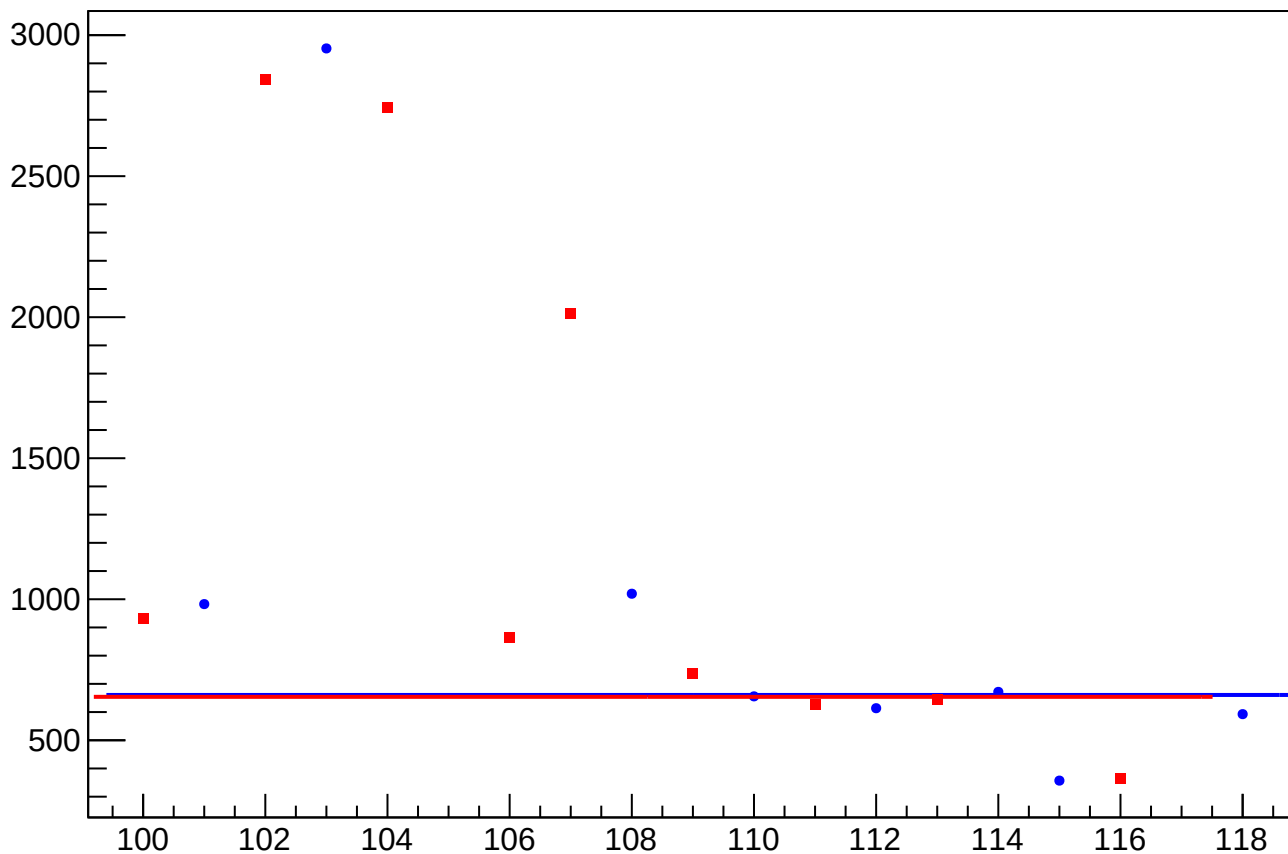
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -146.342 $\pm$ 287.573 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



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: 654.002+/-0.292 χ^2/NDF : 1966412.2/8

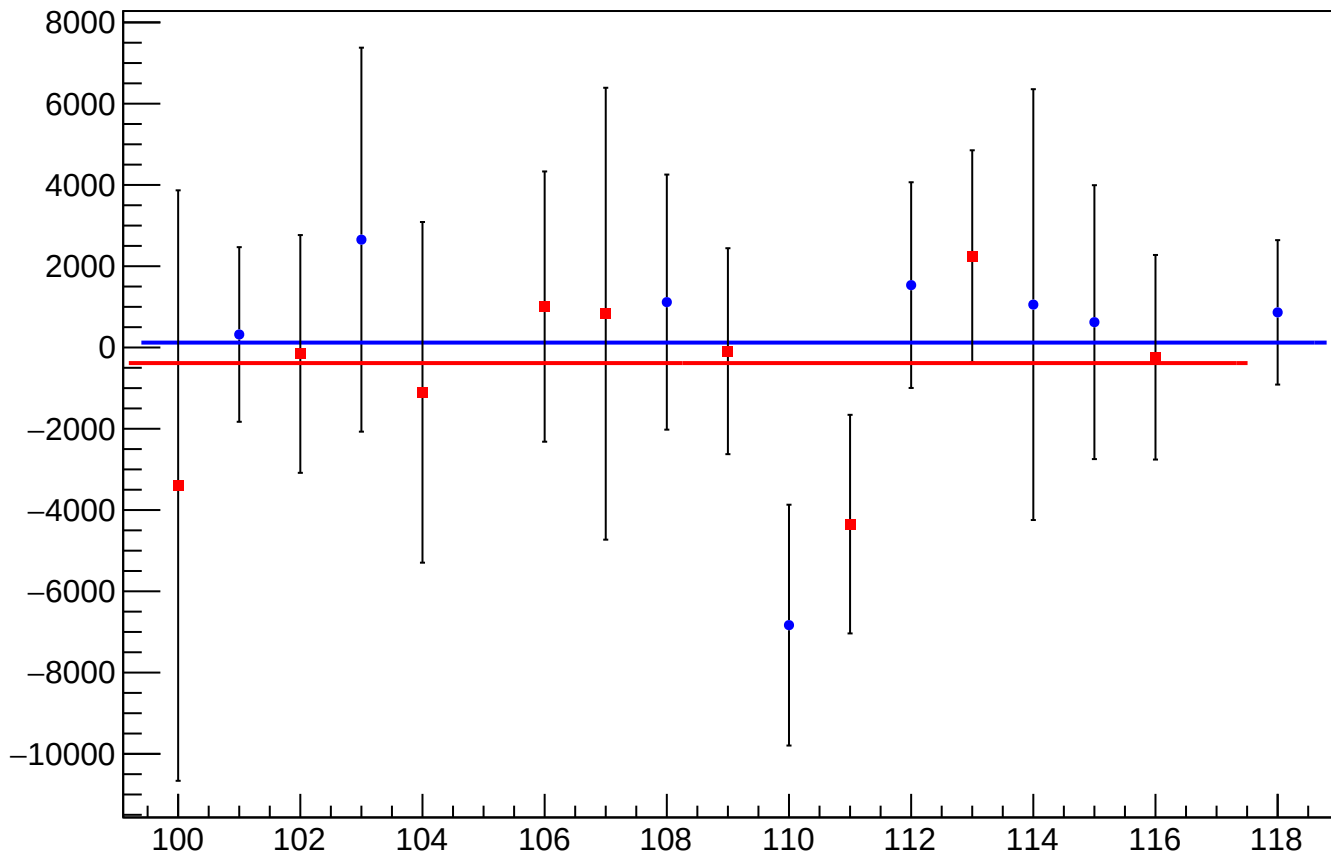
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.429+/-0.203 χ^2/NDF : 3154613.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: 120.498 $\pm$ 965.346 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -383.629 $\pm$ 1045.847 χ^2 /NDF: 3.6/8

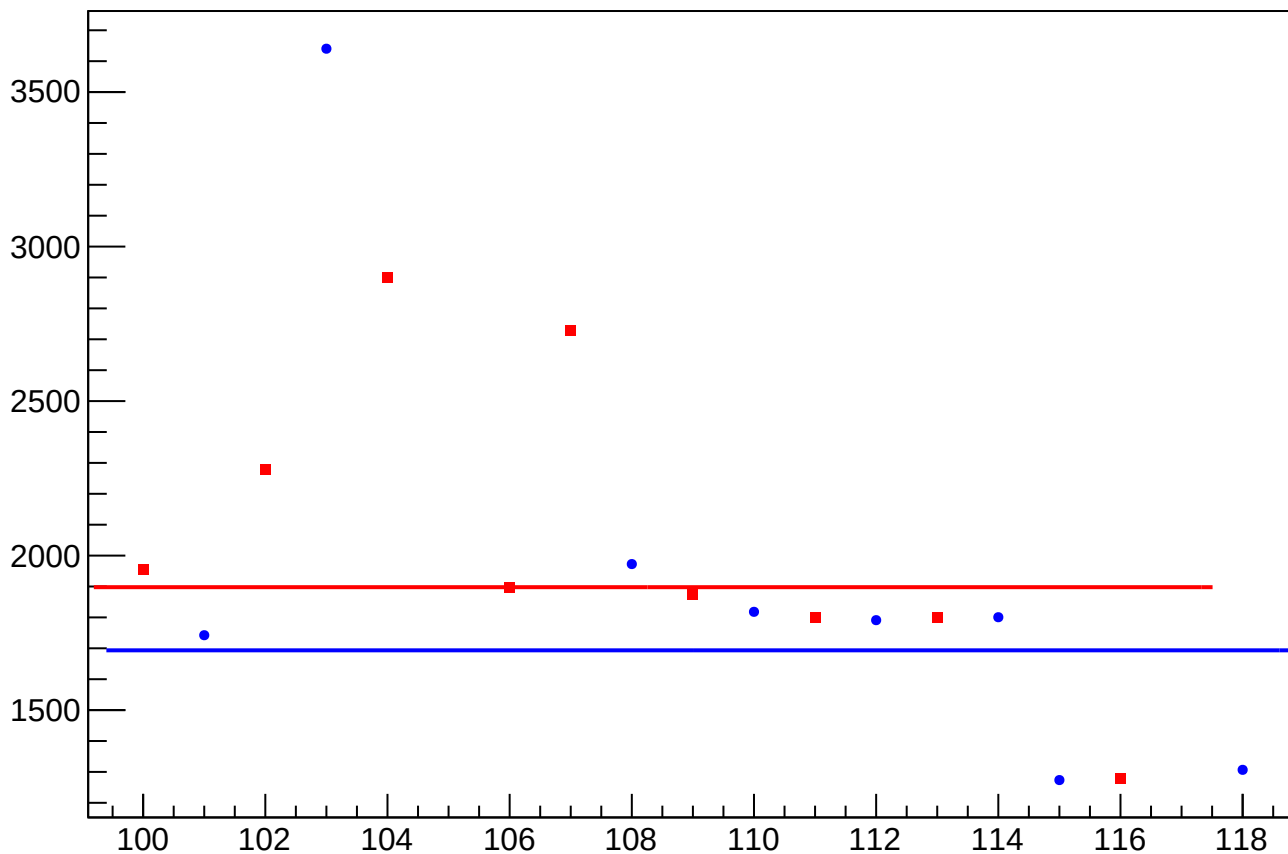
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.419 $\pm$ 709.357 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1693.446 $\pm$ 0.683 χ^2 /NDF: 489521.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1897.811 $\pm$ 0.740 χ^2 /NDF: 319103.8/8

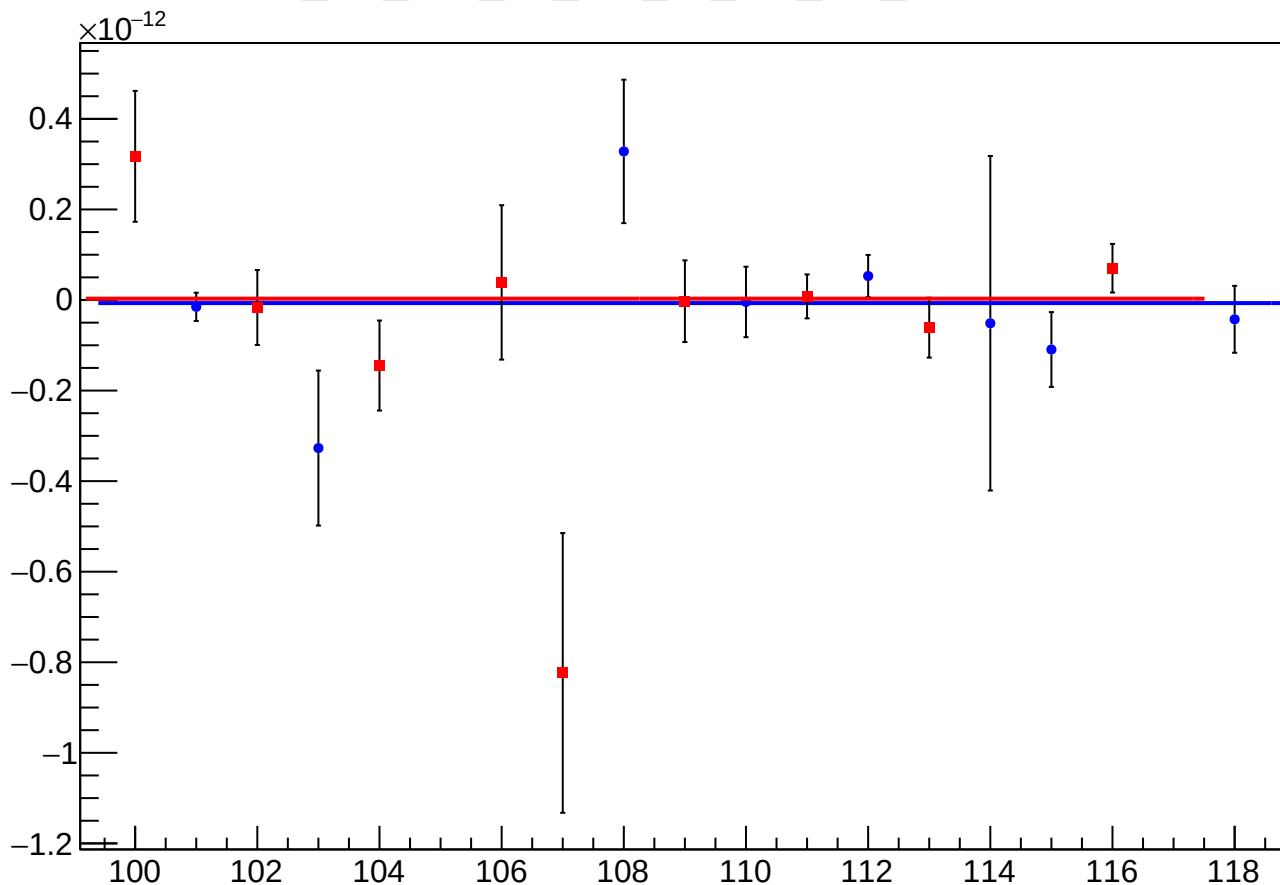
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1787.461 $\pm$ 0.502 χ^2 /NDF: 849861.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug



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 : 16.7/8

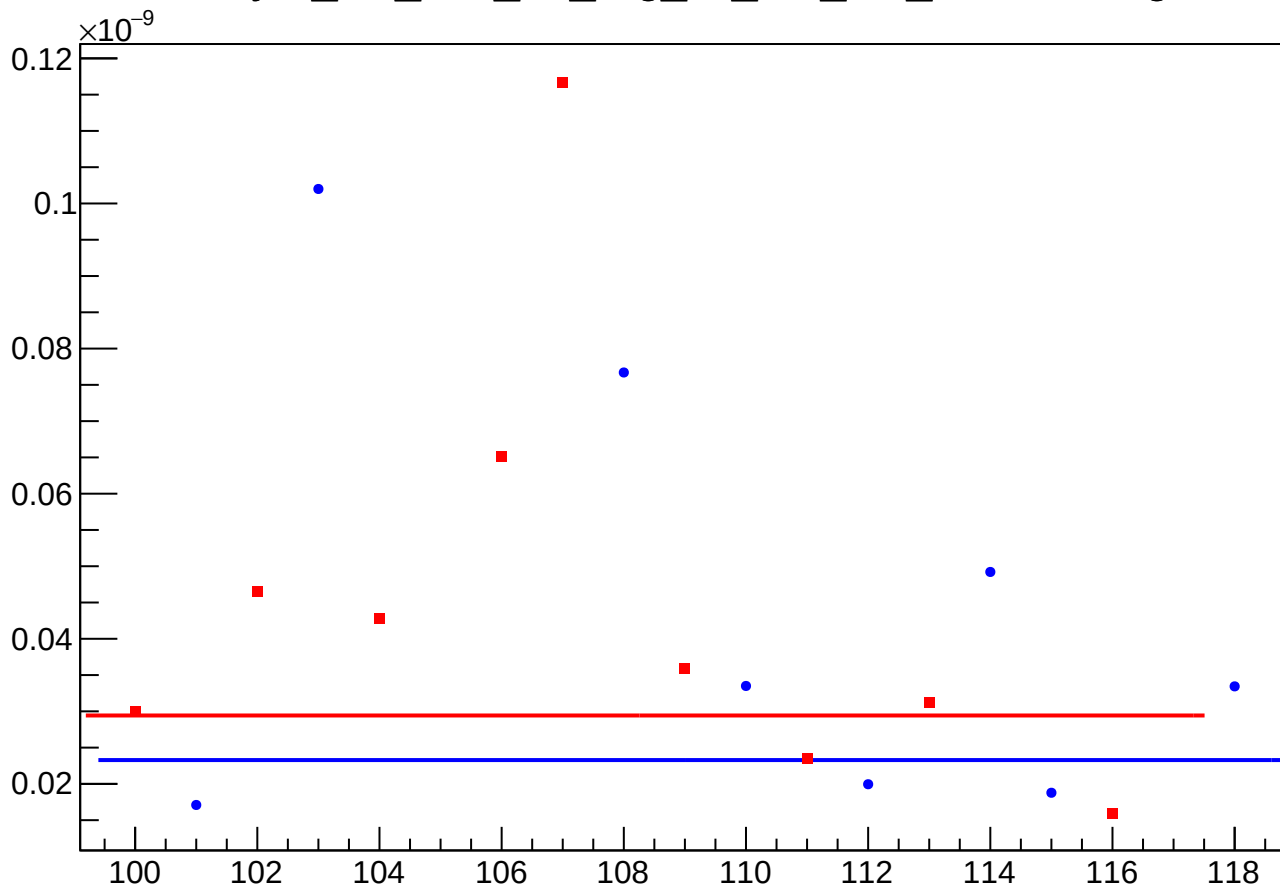
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



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 : 536972.8/8

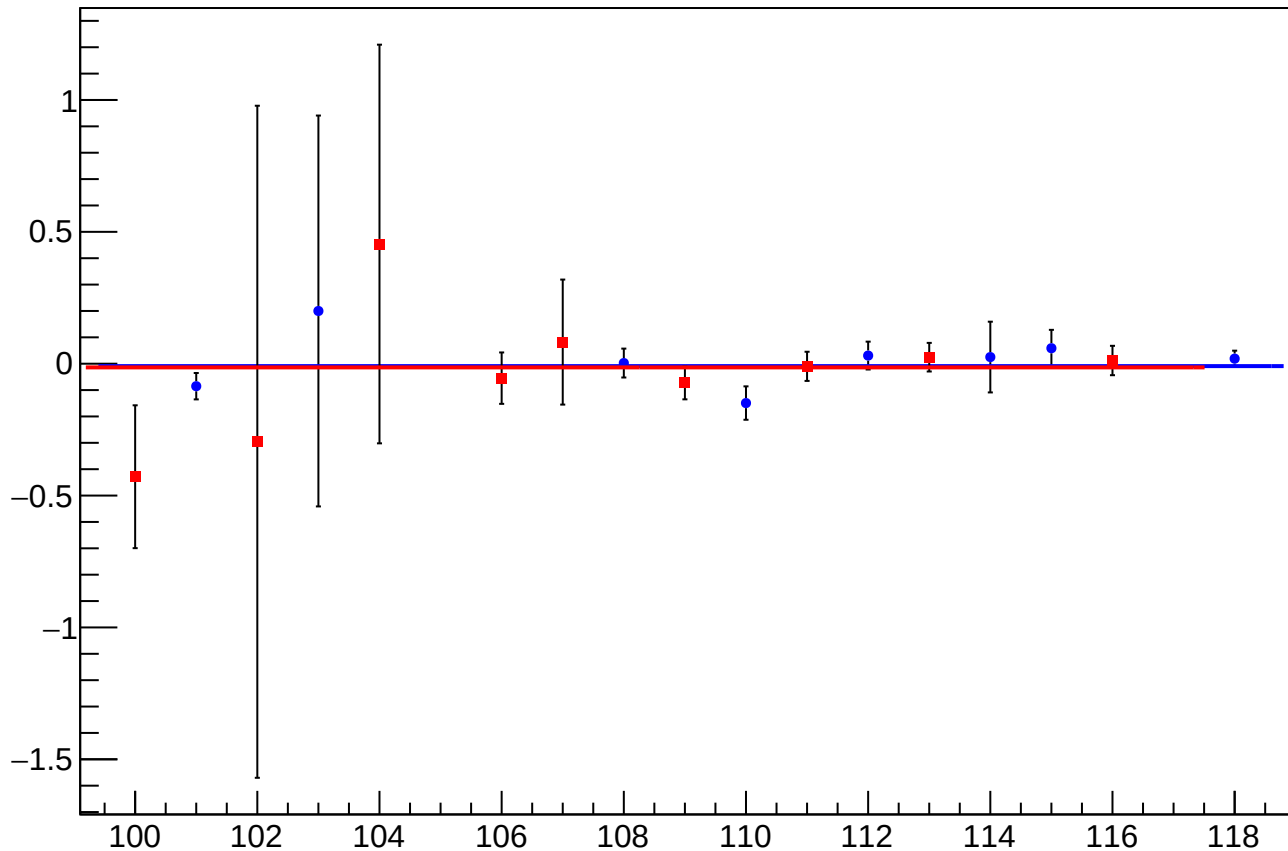
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1429246.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



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: -0.014+/-0.027 χ^2/NDF : 4.8/8

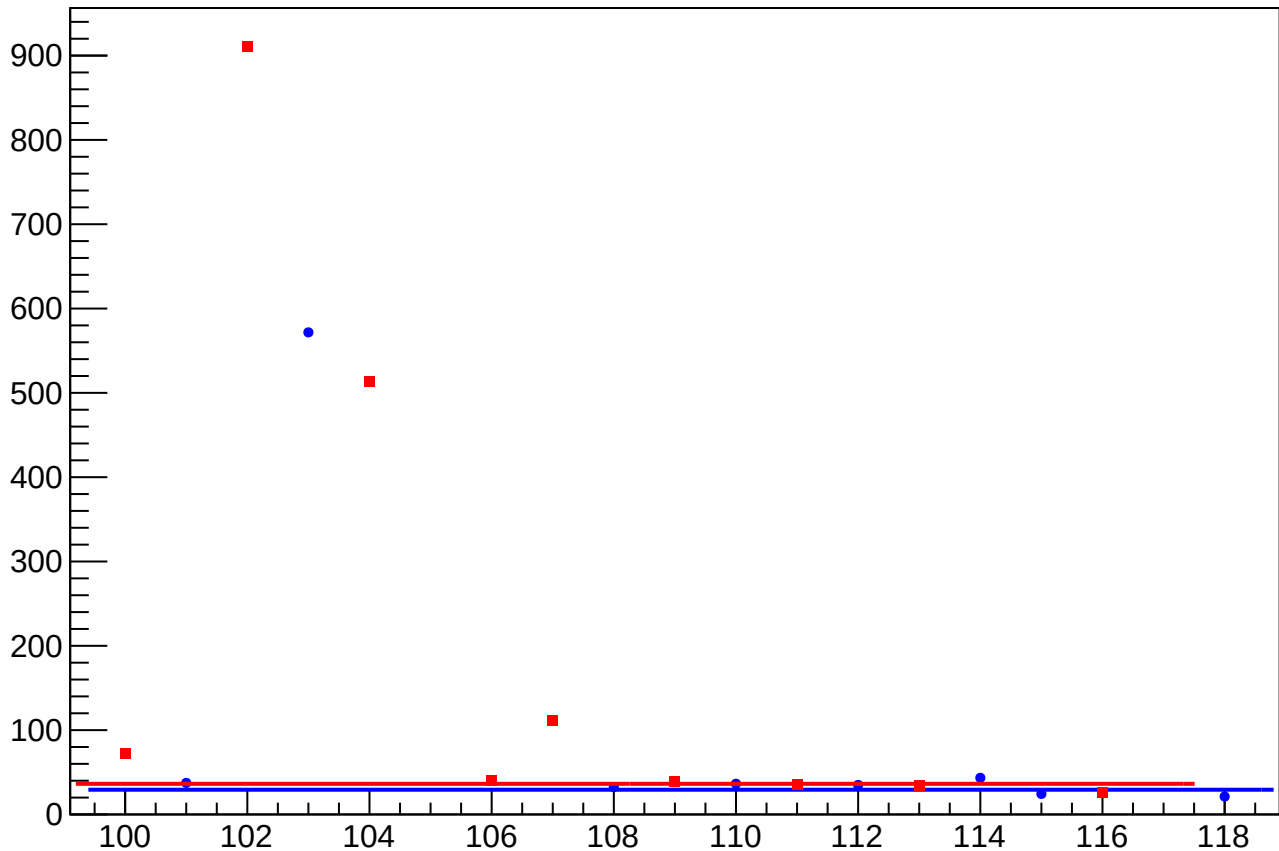
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.016 χ^2/NDF : 14.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



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: 36.354+/-0.019 χ^2/NDF : 2062689.1/8

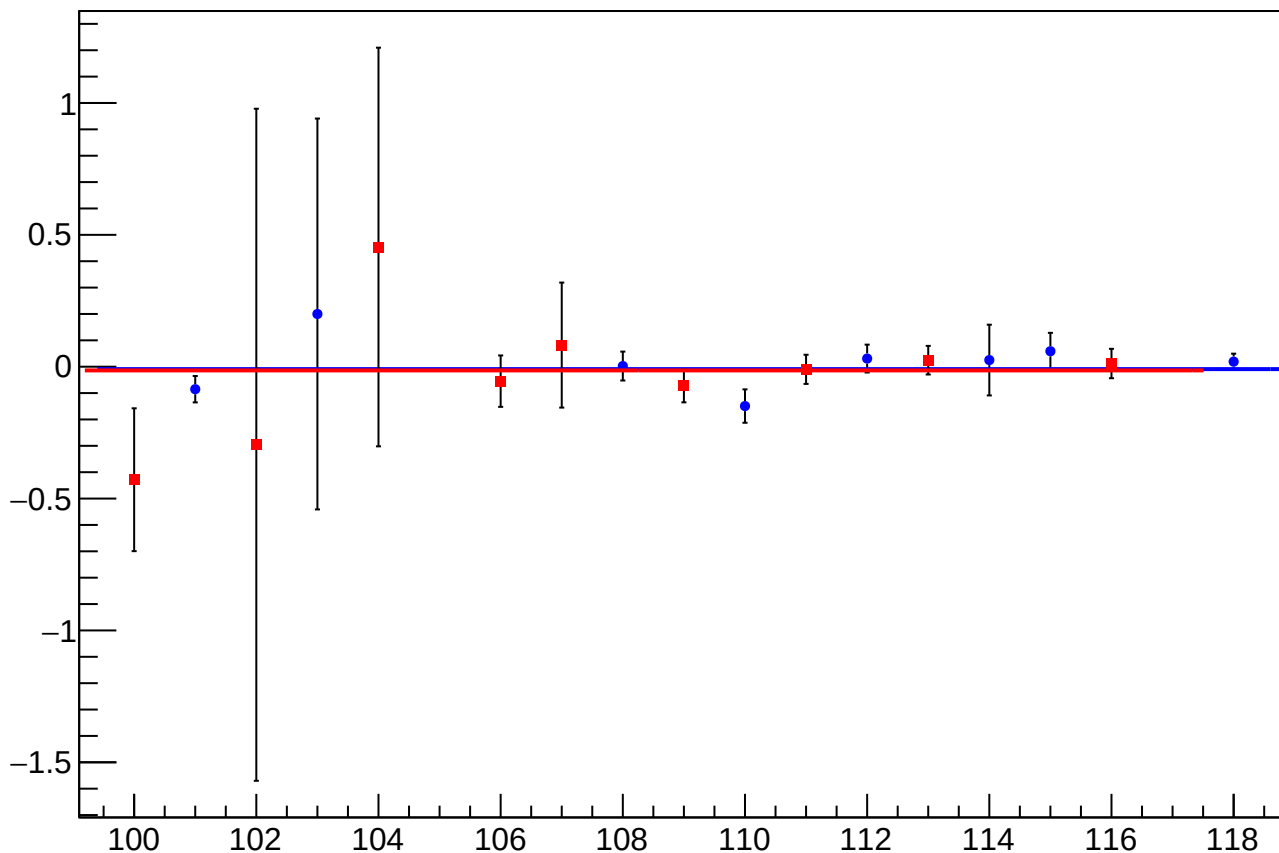
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.714+/-0.011 χ^2/NDF : 3505562.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.014+/-0.027 χ^2/NDF : 4.8/8

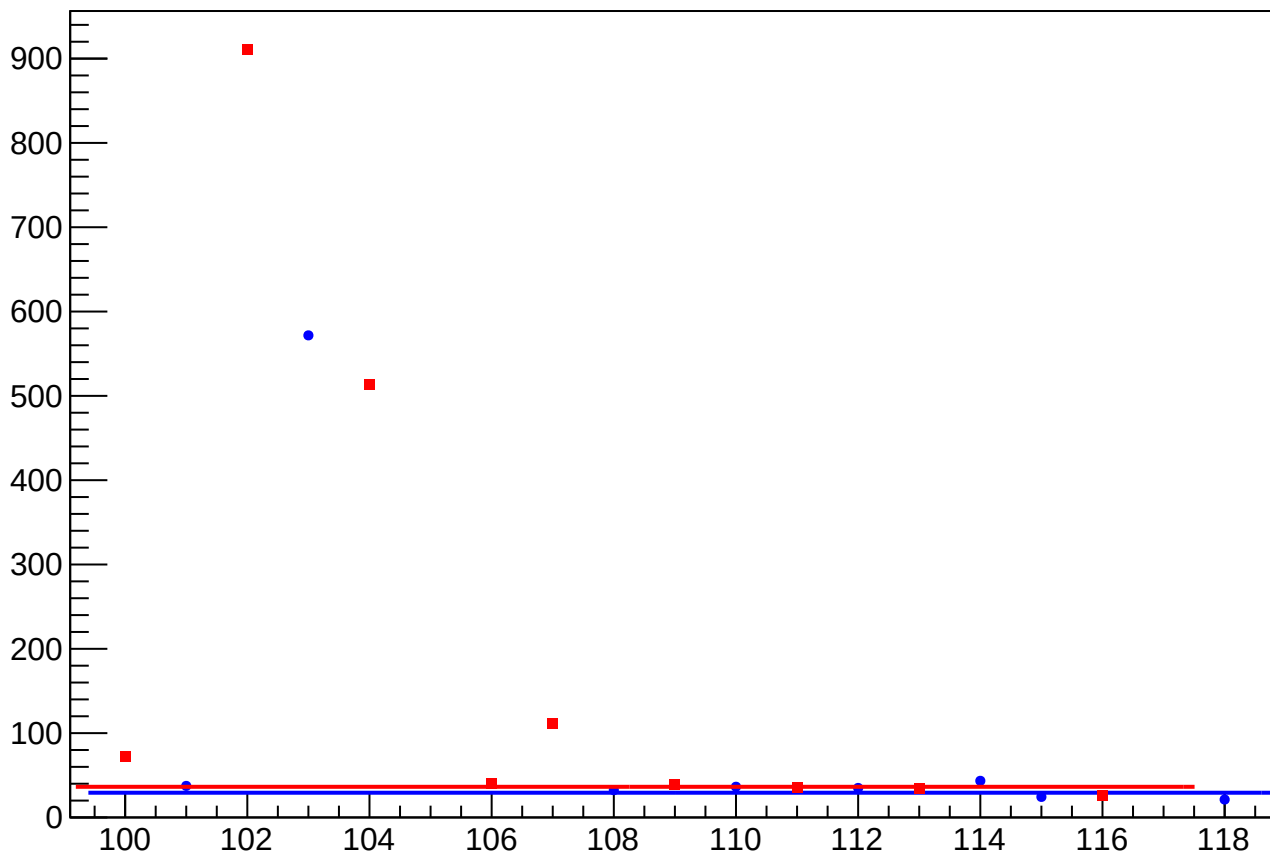
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.016 χ^2/NDF : 14.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 36.354+/-0.019 χ^2/NDF : 2062689.1/8

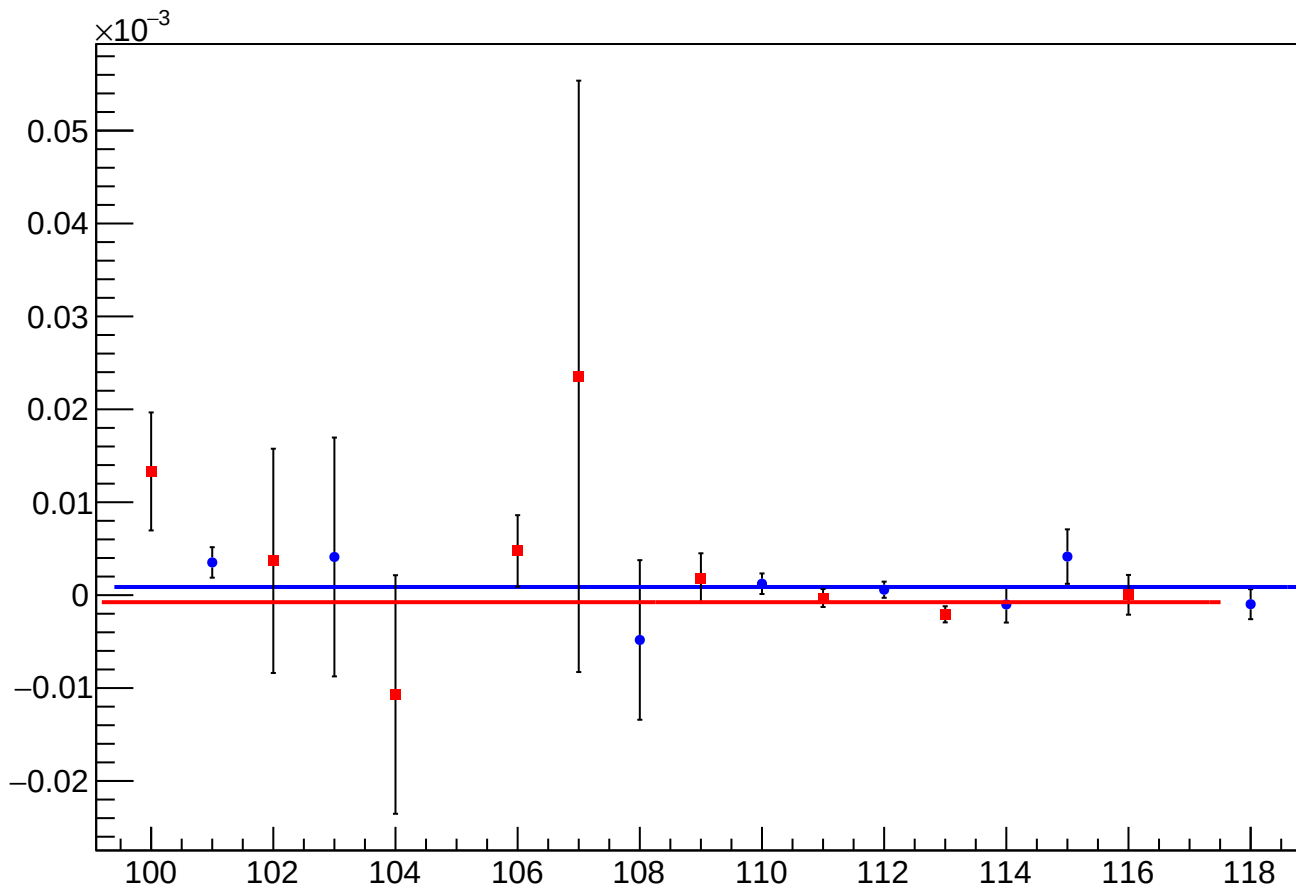
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.714+/-0.011 χ^2/NDF : 3505562.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 11.9/8

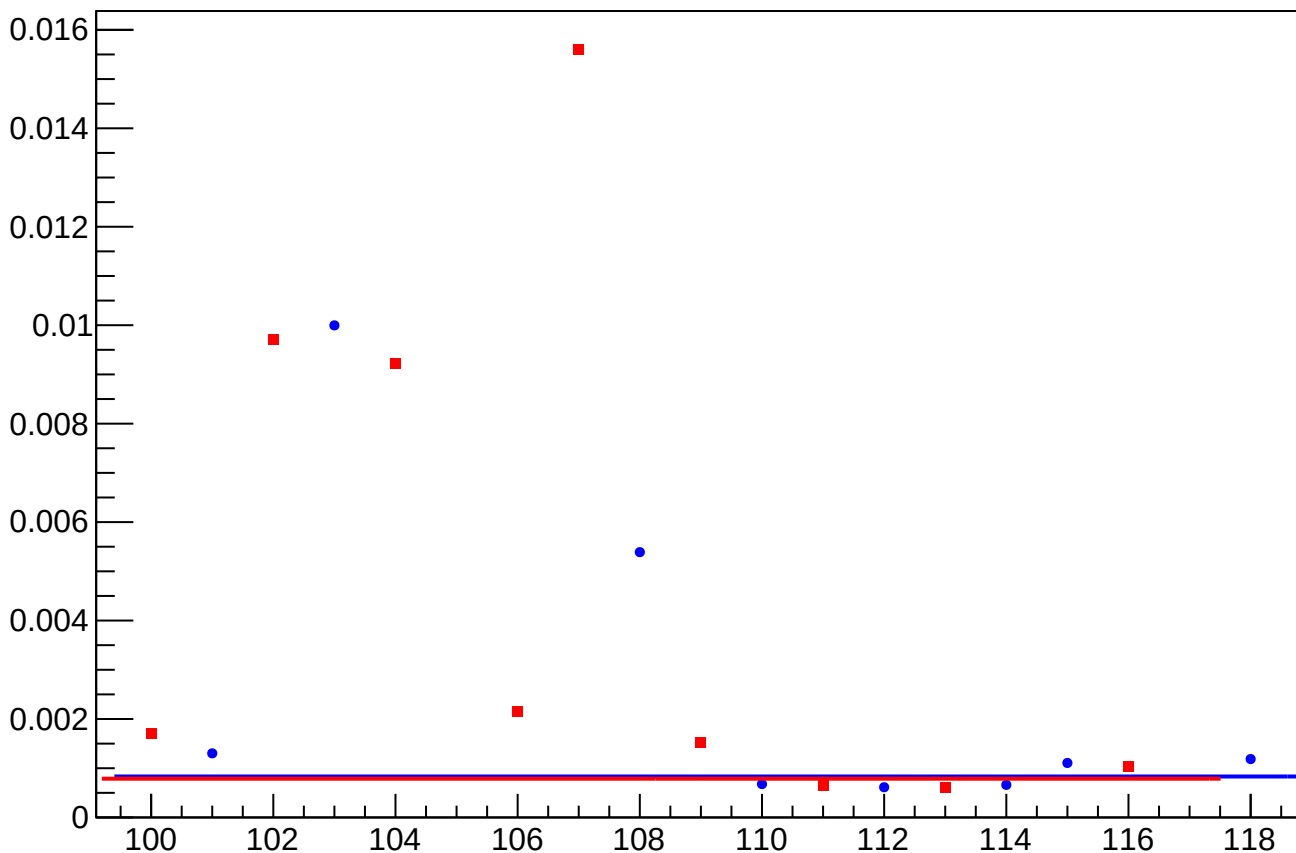
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 3005320.3/8

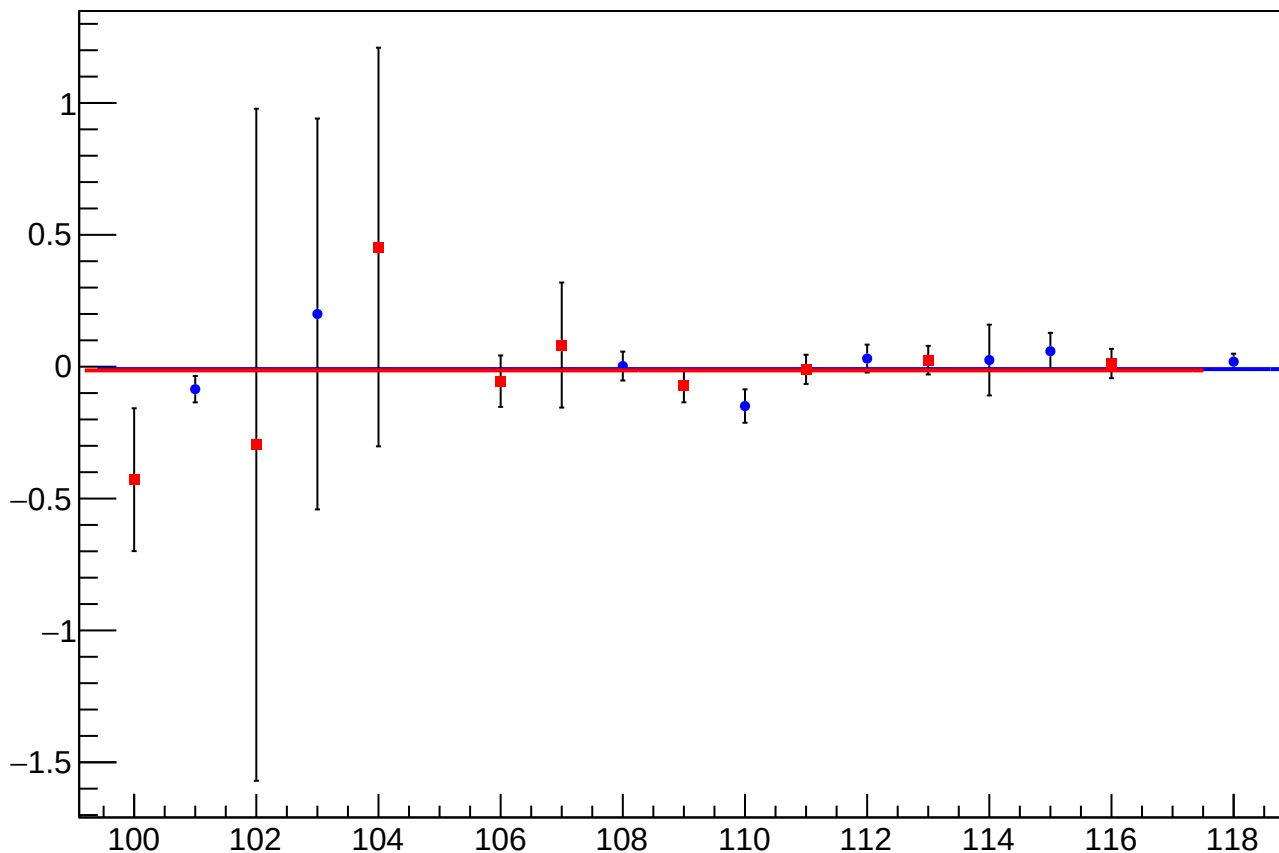
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5049776.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.014+/-0.027 χ^2 /NDF: 4.7/8

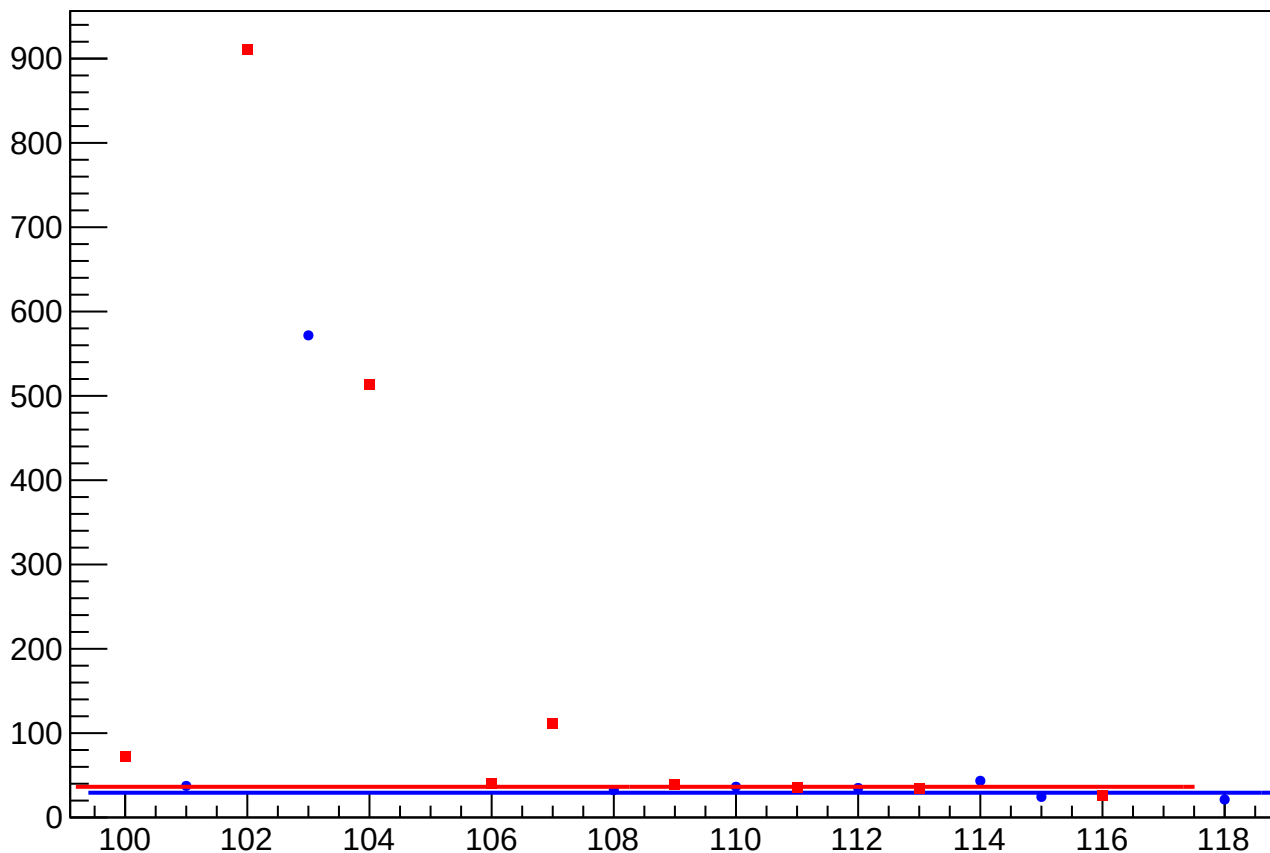
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.011+/-0.016 χ^2 /NDF: 14.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 36.354+/-0.019 χ^2/NDF : 2062696.8/8

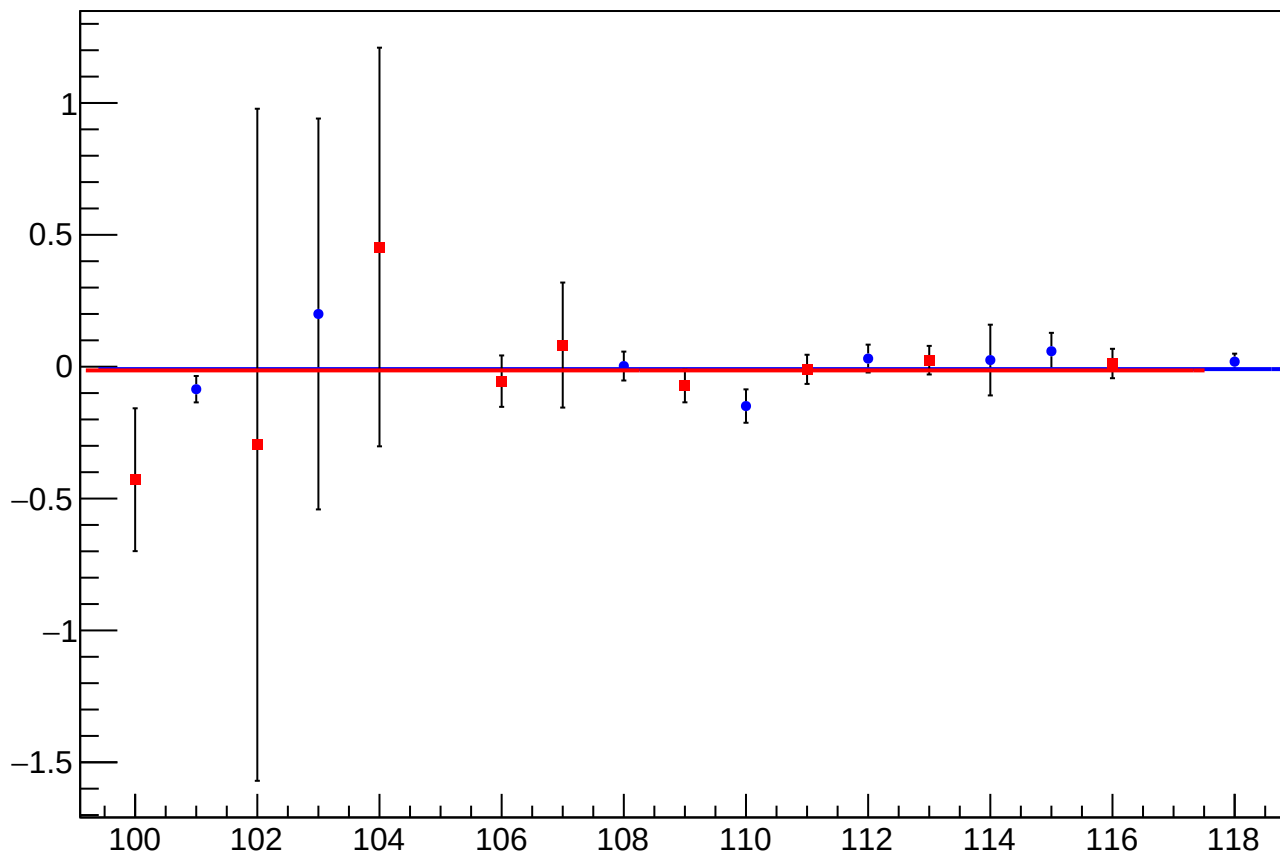
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.714+/-0.011 χ^2/NDF : 3505580.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.014+/-0.027 χ^2/NDF : 4.7/8

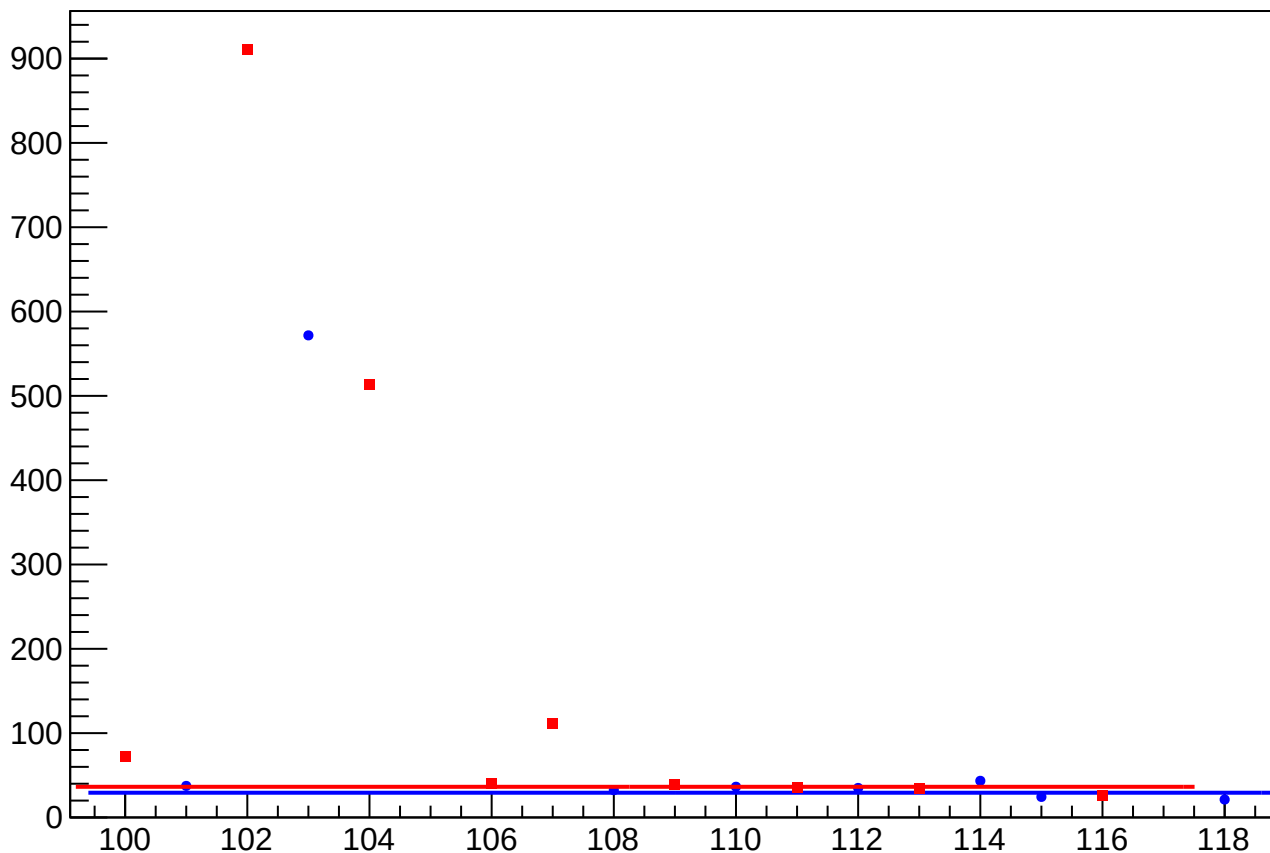
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.016 χ^2/NDF : 14.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 36.354+/-0.019 χ^2/NDF : 2062696.8/8

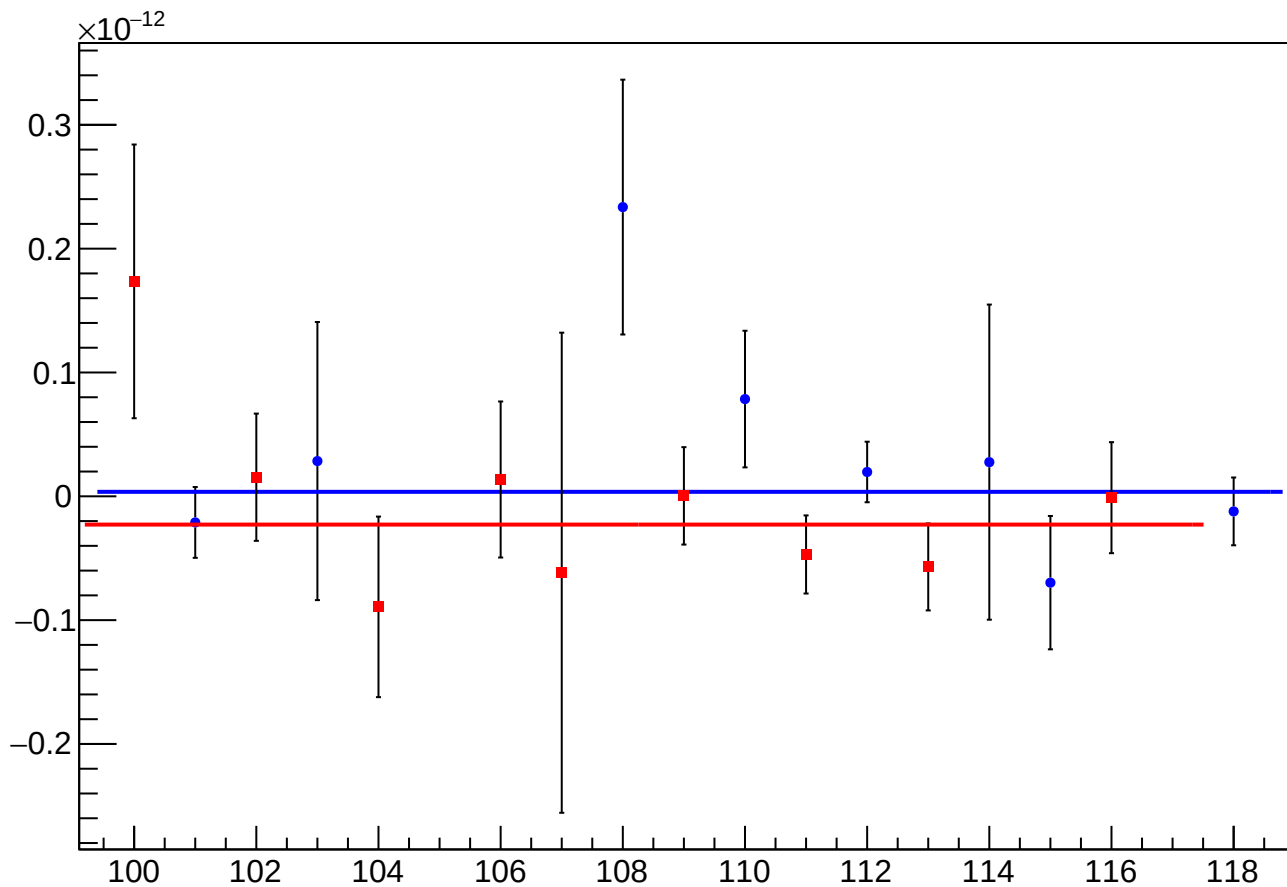
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.714+/-0.011 χ^2/NDF : 3505580.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/8

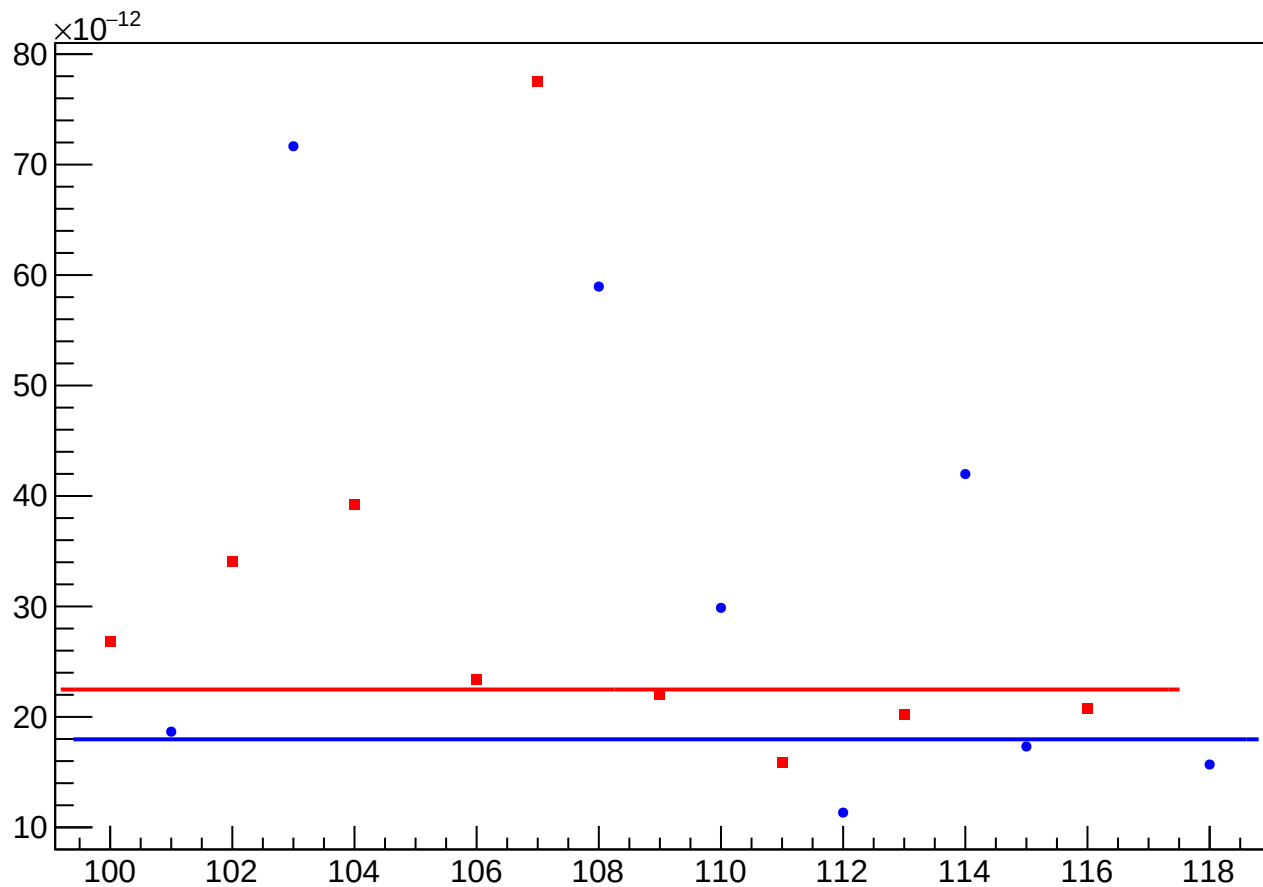
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 471386.1/8

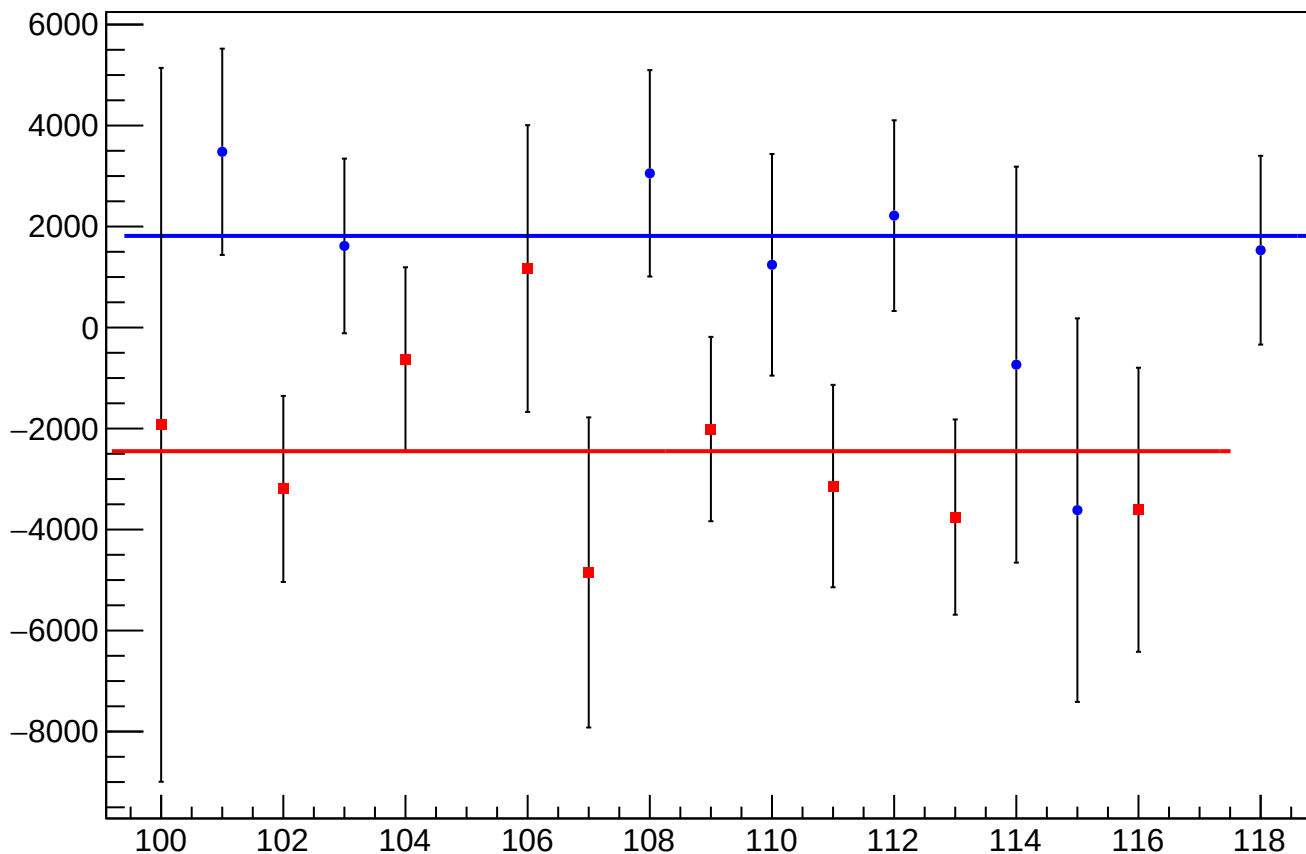
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1662823.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



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: -2448.139+/-747.339 χ^2/NDF : 4.2/8

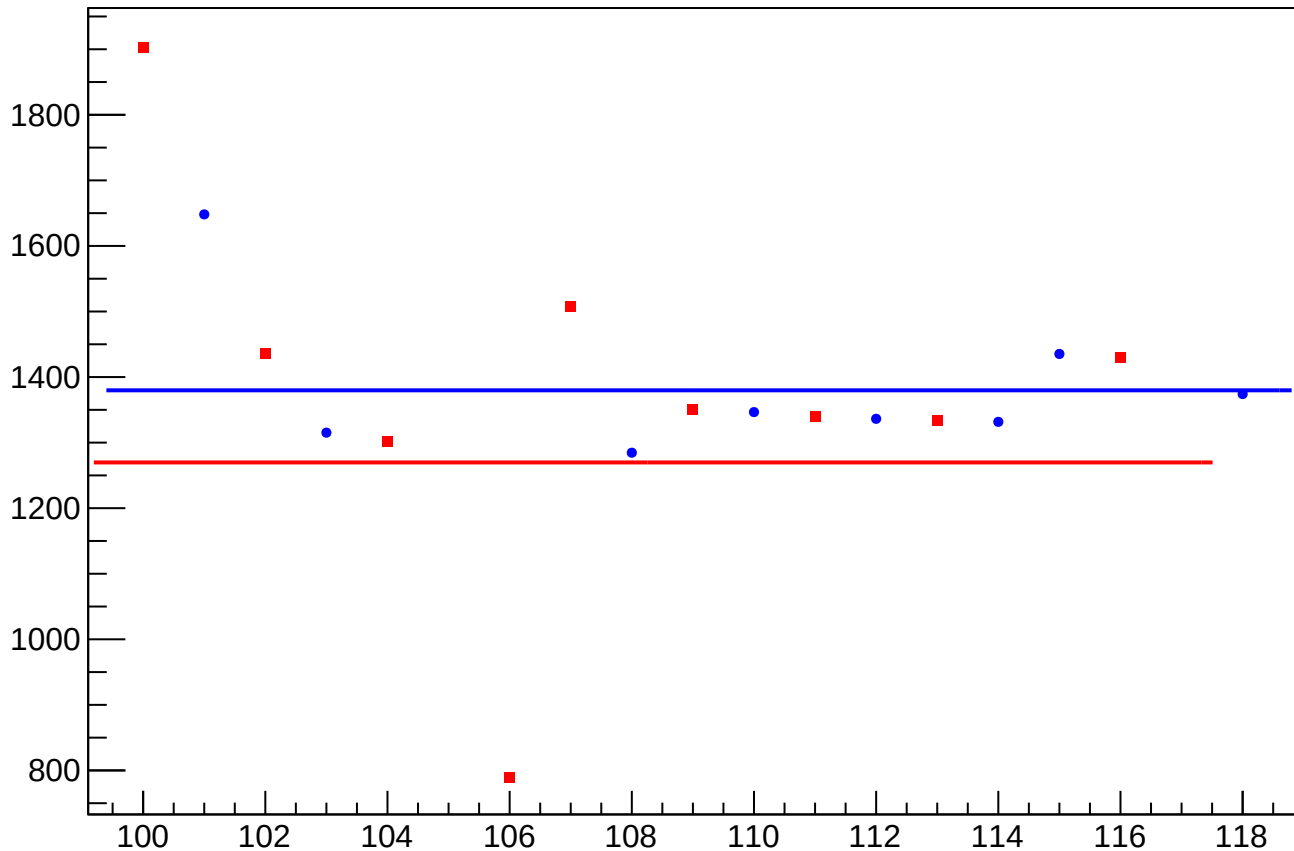
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -358.130+/-533.567 χ^2/NDF : 23.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



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: 1269.772+/-0.496 χ^2/NDF : 229231.0/8

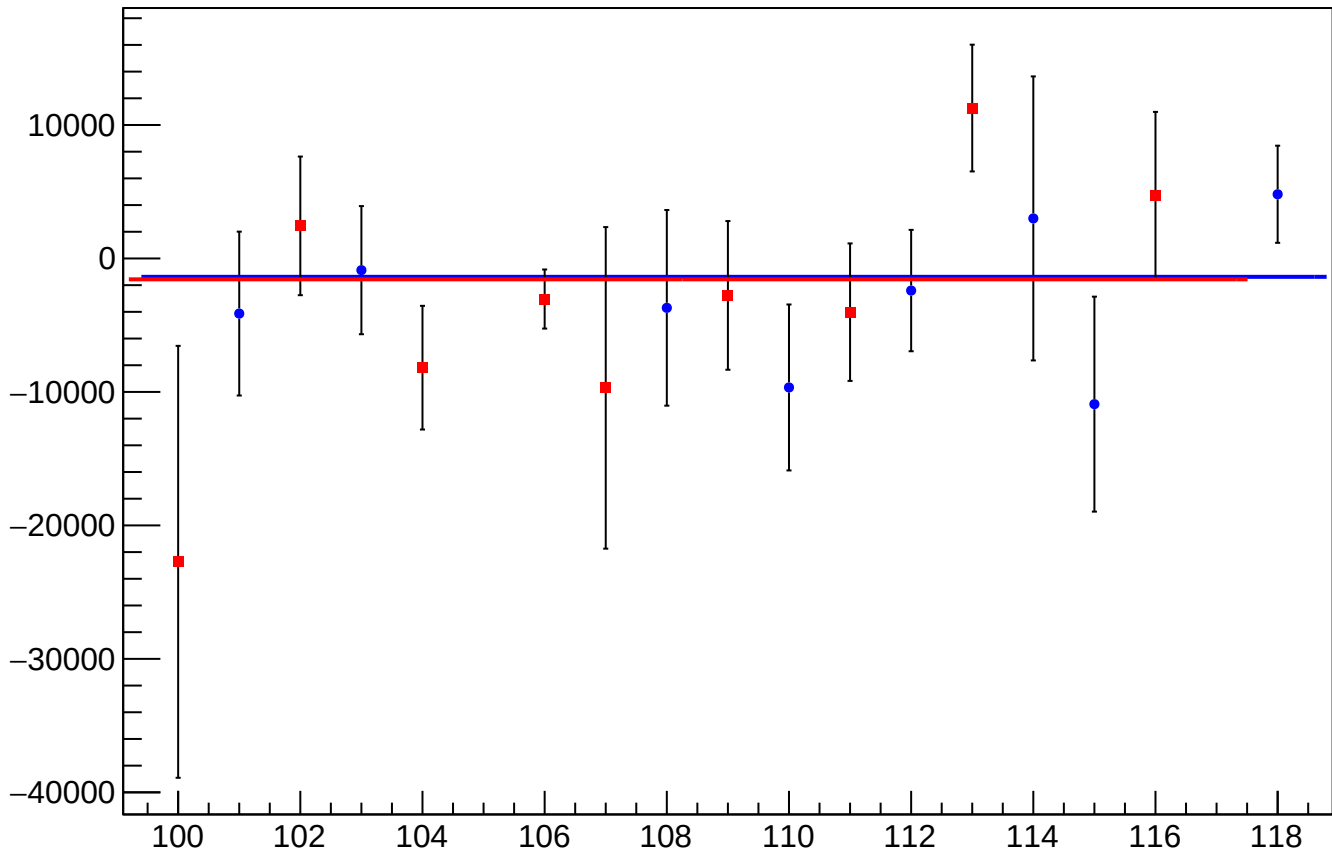
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1320.211+/-0.365 χ^2/NDF : 295722.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



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: -1564.148+/-1510.819 χ^2/NDF : 13.8/8

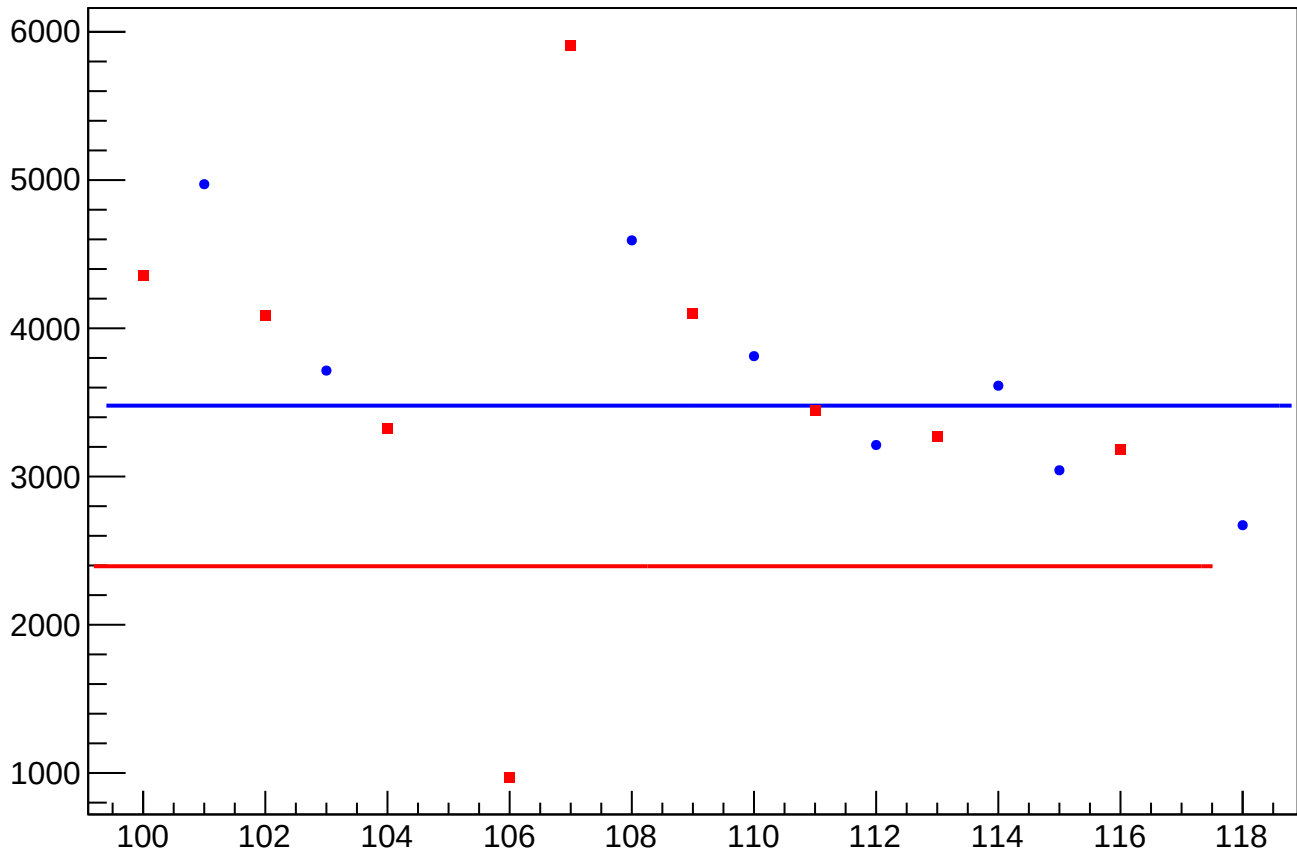
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1493.622+/-1194.681 χ^2/NDF : 20.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



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: 2394.870+/-1.068 χ^2/NDF : 1689972.0/8

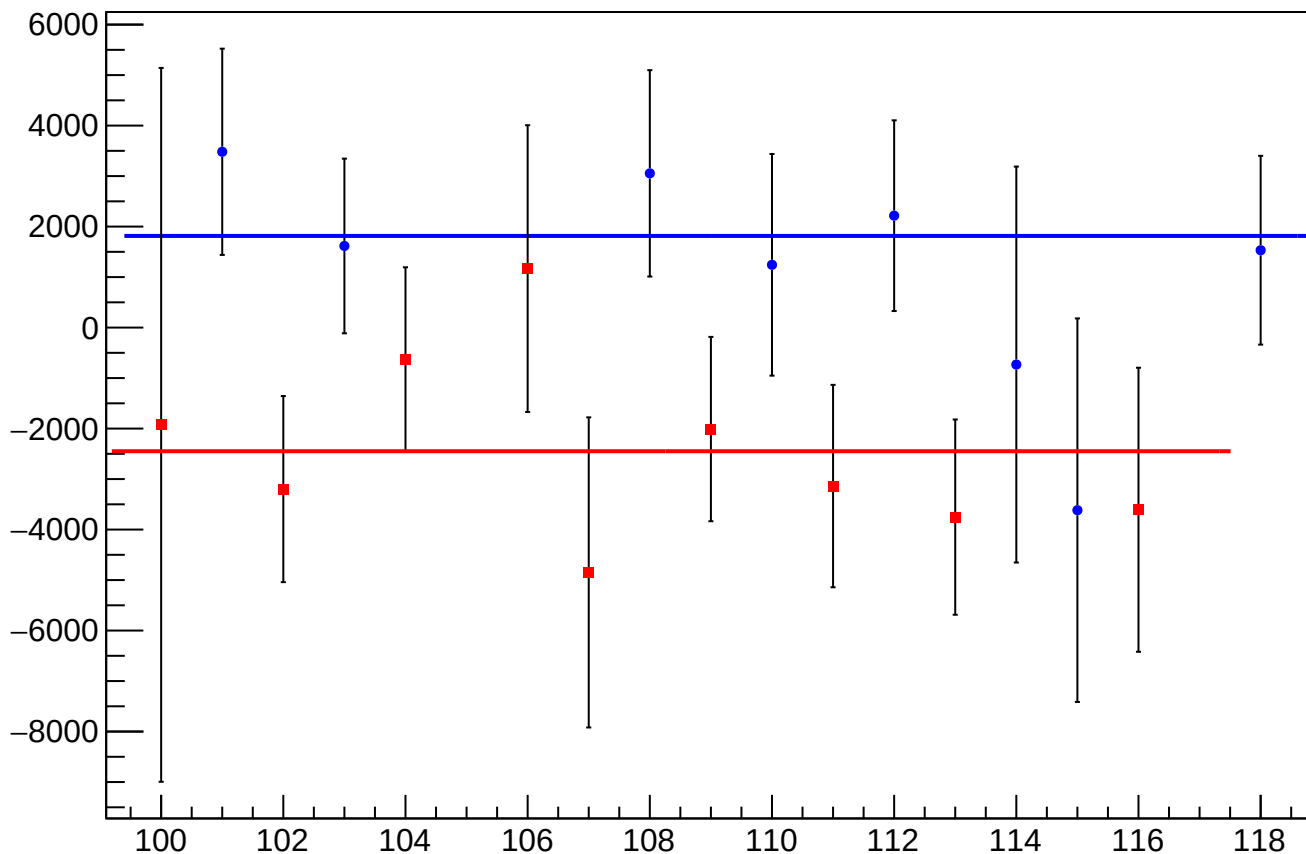
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2800.846+/-0.845 χ^2/NDF : 2361944.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 1815.039 $\pm$ 762.030 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2448.584 $\pm$ 747.348 χ^2 /NDF: 4.2/8

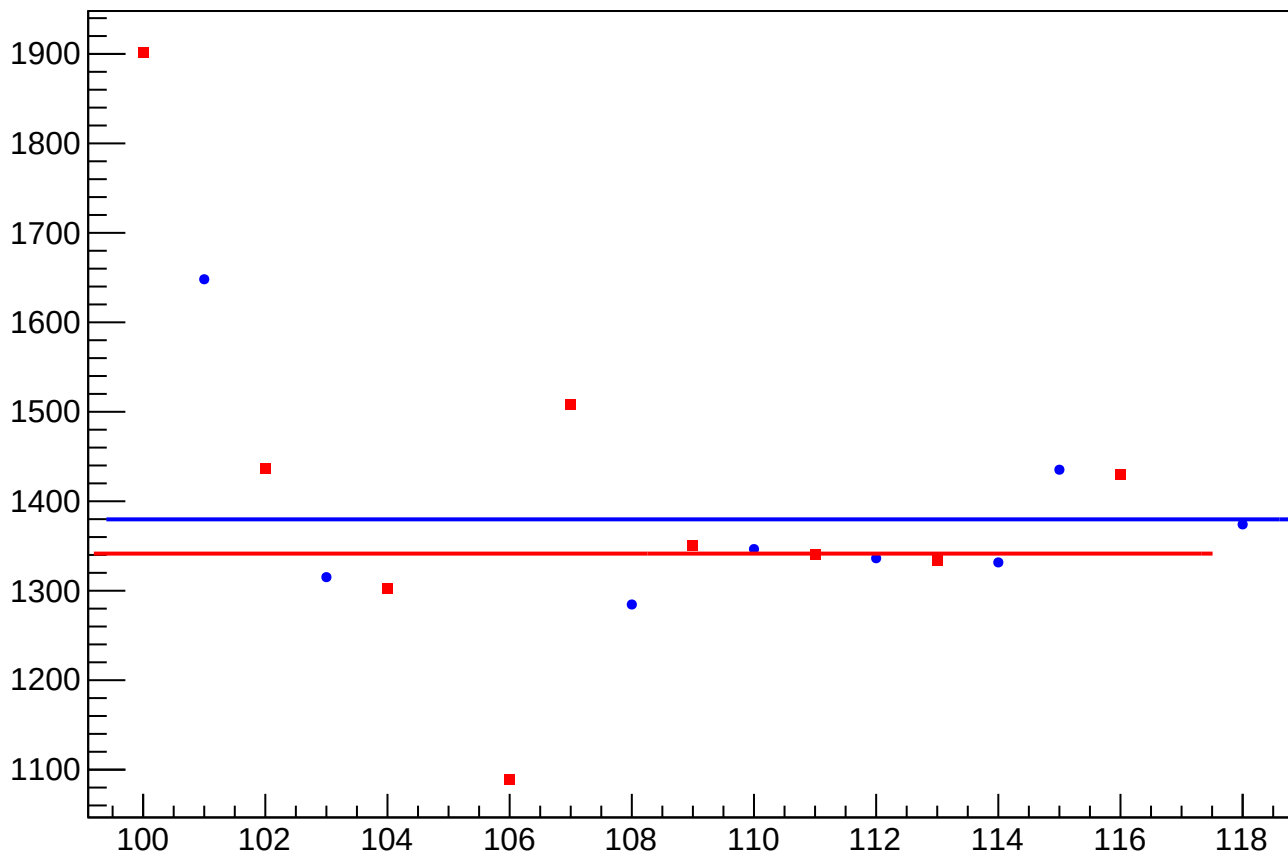
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -358.241 $\pm$ 533.570 χ^2 /NDF: 23.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



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: 1341.502+/-0.514 χ^2/NDF : 55387.0/8

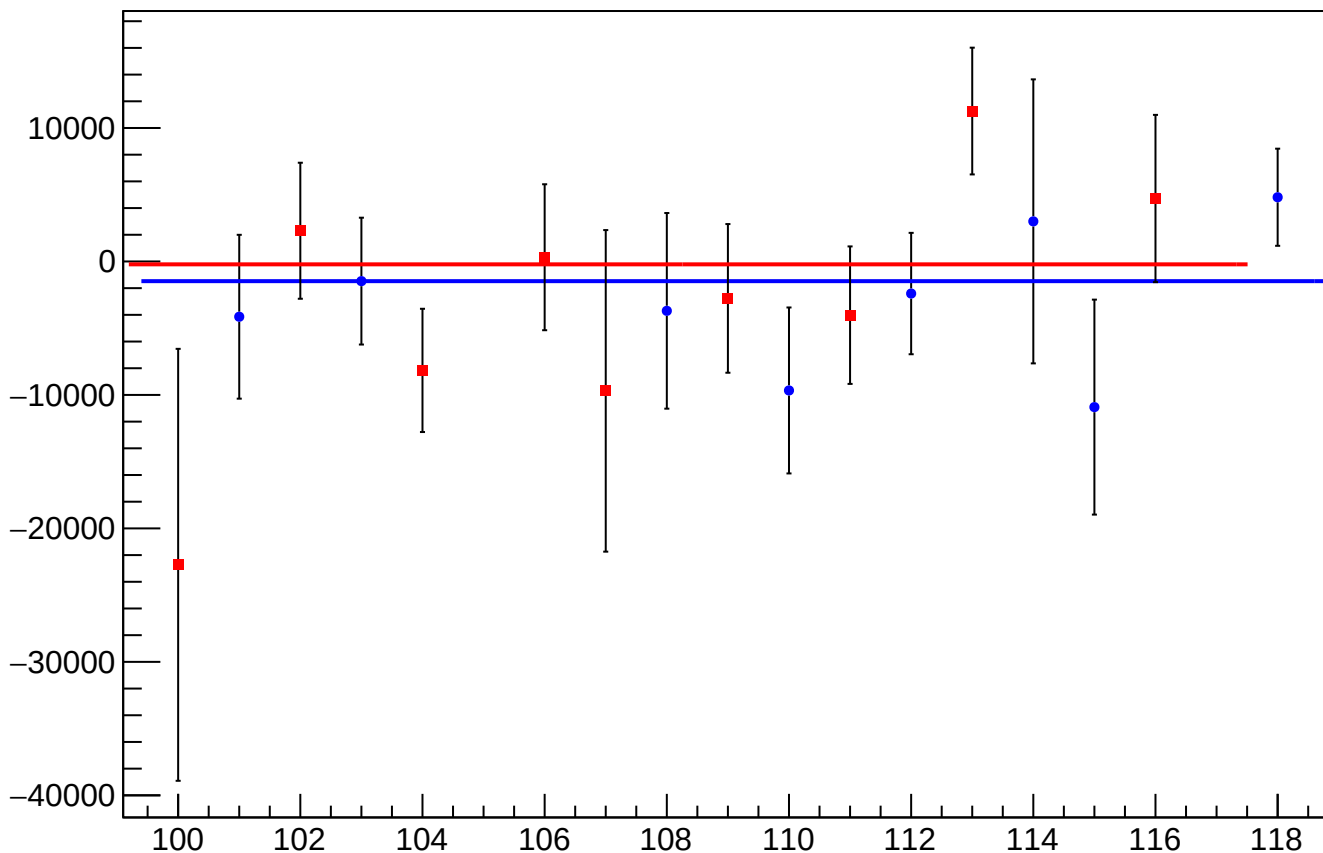
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.744+/-0.372 χ^2/NDF : 101952.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



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: -216.230+/-1926.933 χ^2 /NDF: 13.0/8

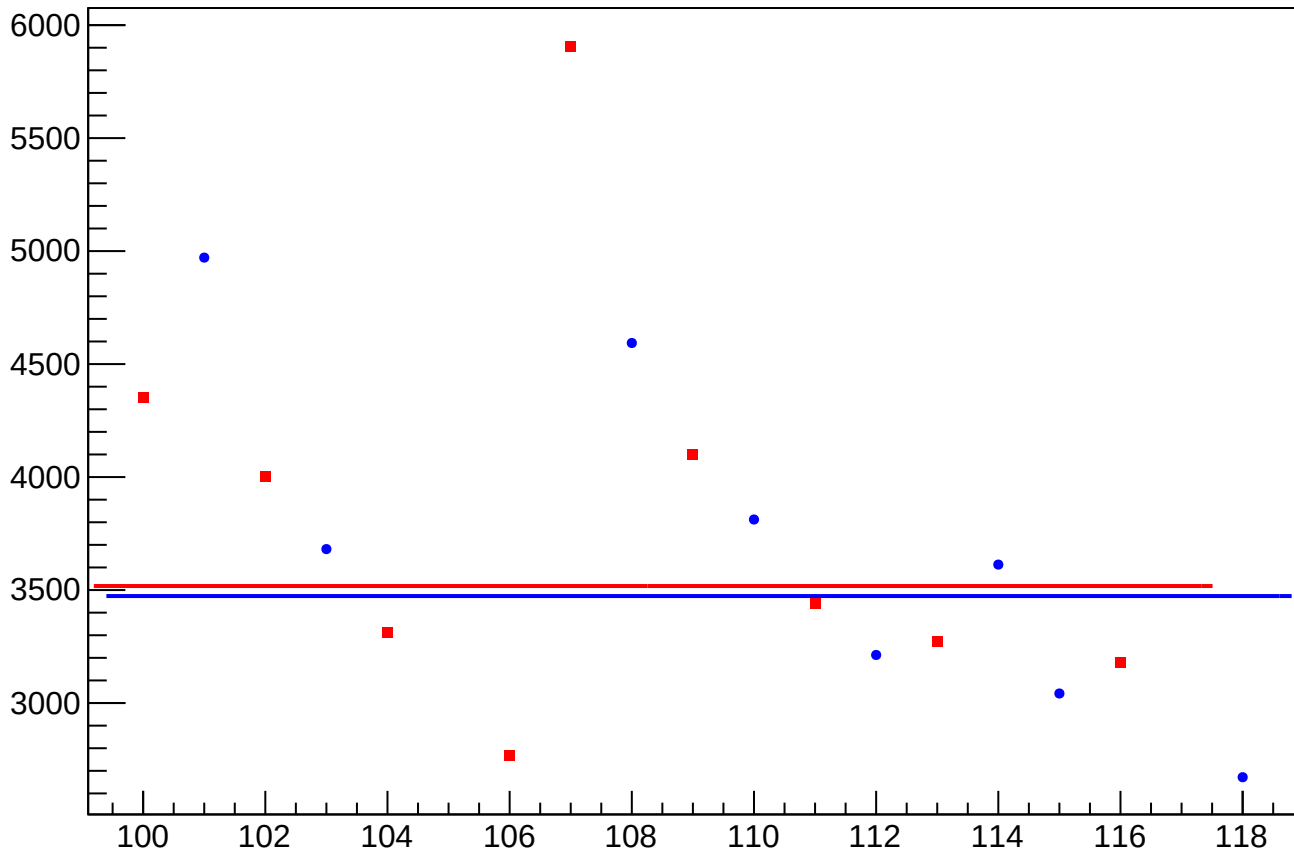
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -838.962+/-1370.034 χ^2 /NDF: 19.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



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: 3517.852+/-1.363 χ^2/NDF : 176983.6/8

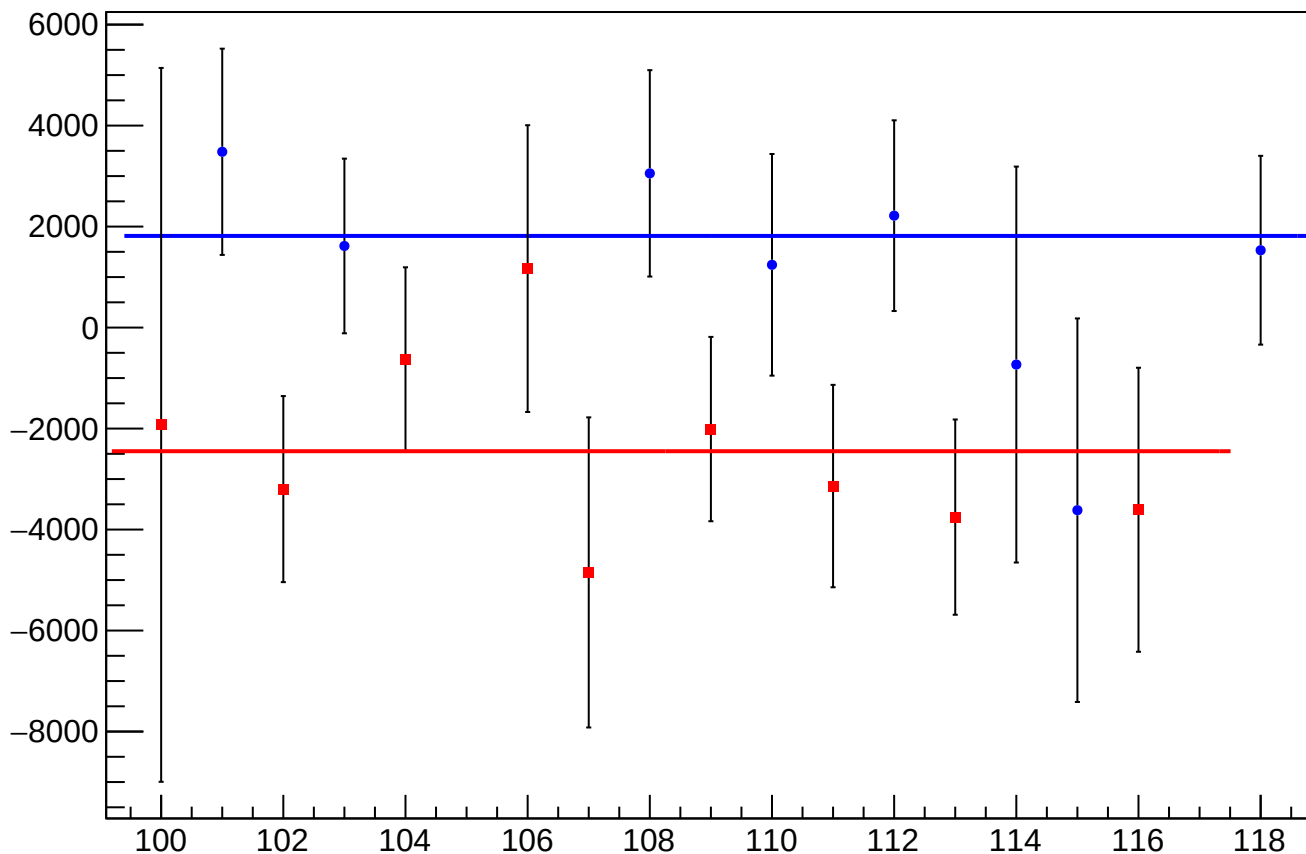
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3495.877+/-0.969 χ^2/NDF : 462758.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 1815.039 $\pm$ 762.030 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2448.584 $\pm$ 747.348 χ^2 /NDF: 4.2/8

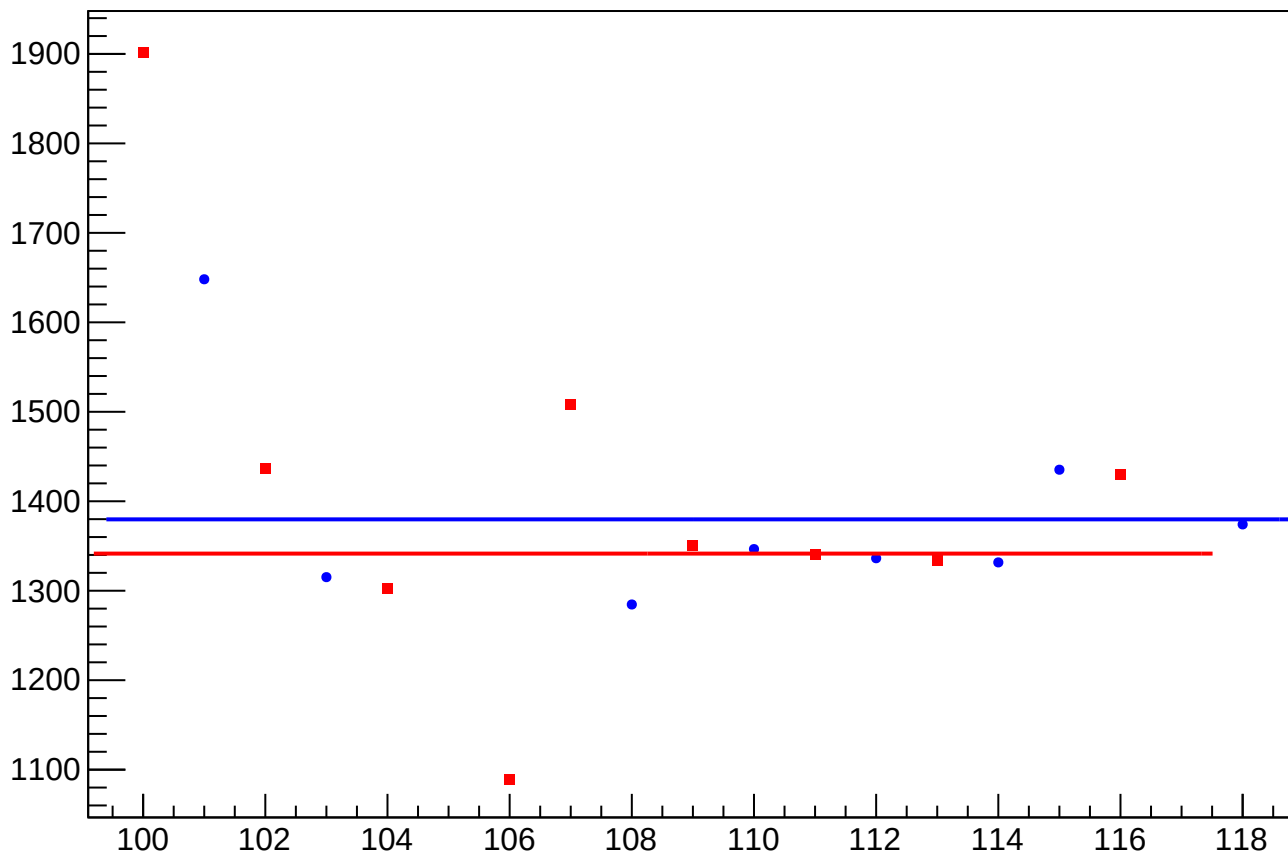
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -358.241 $\pm$ 533.570 χ^2 /NDF: 23.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



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: 1341.502+/-0.514 χ^2/NDF : 55387.0/8

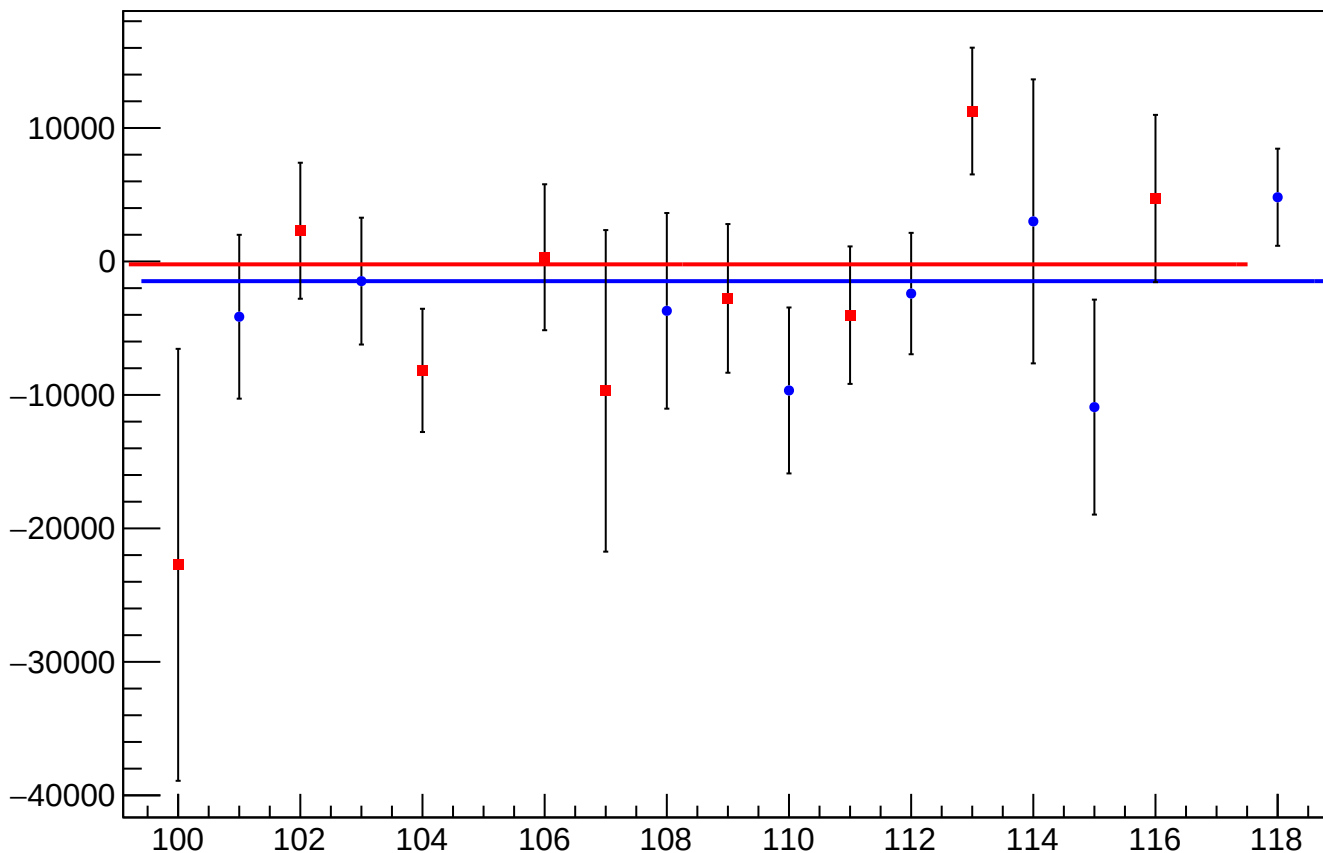
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1359.744+/-0.372 χ^2/NDF : 101952.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



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: -216.230+/-1926.933 χ^2 /NDF: 13.0/8

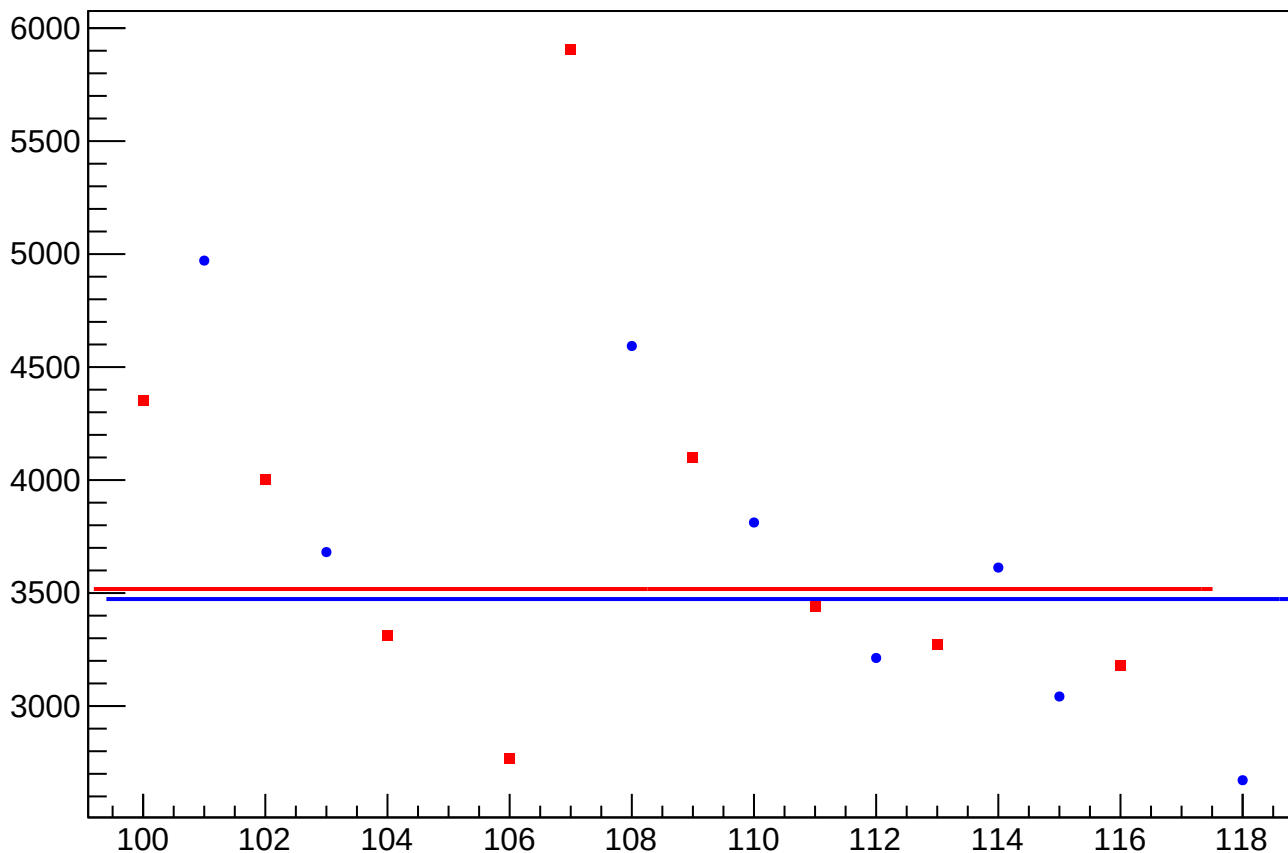
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -838.962+/-1370.034 χ^2 /NDF: 19.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



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: 3517.852+/-1.363 χ^2/NDF : 176983.6/8

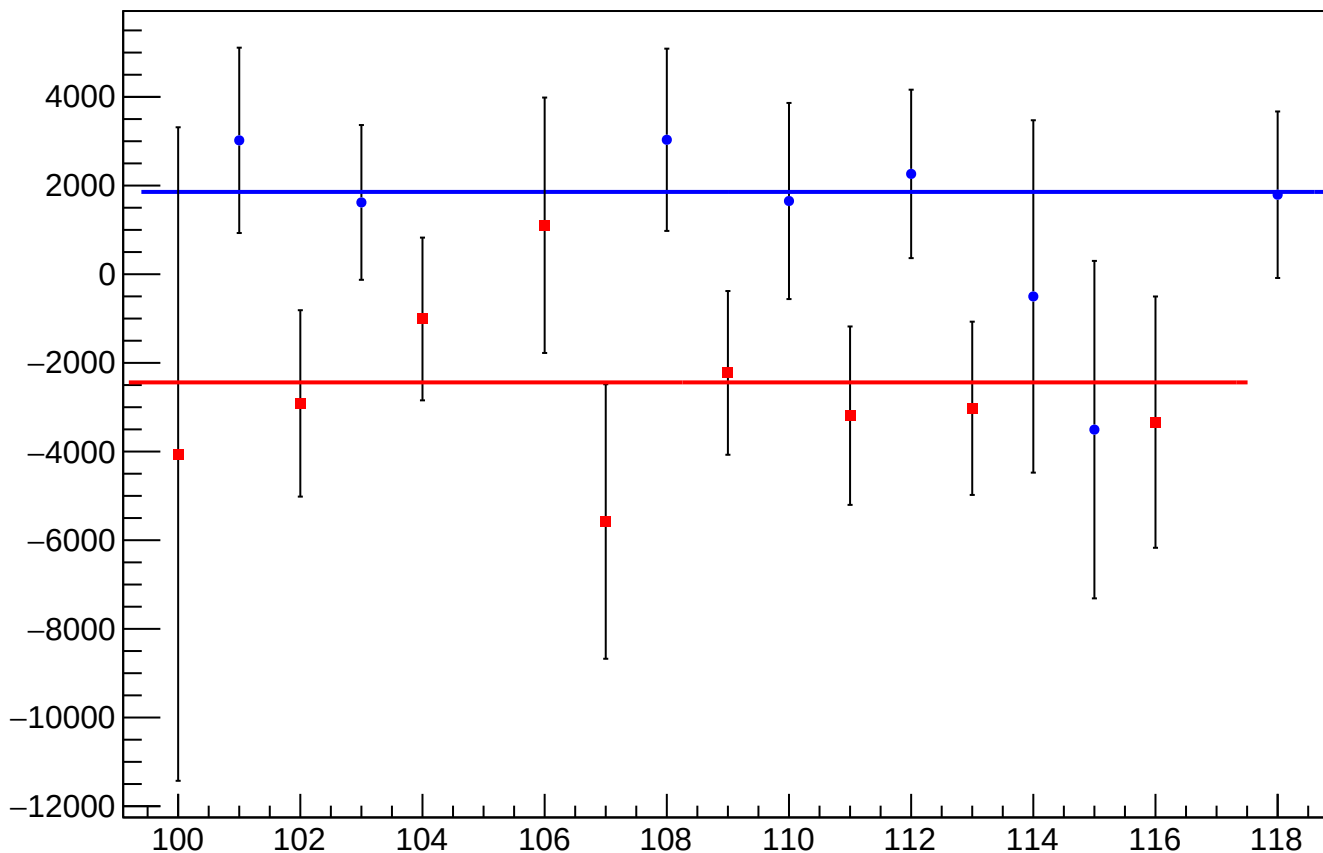
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3495.877+/-0.969 χ^2/NDF : 462758.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



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: -2440.027+/-768.627 χ^2/NDF : 3.6/8

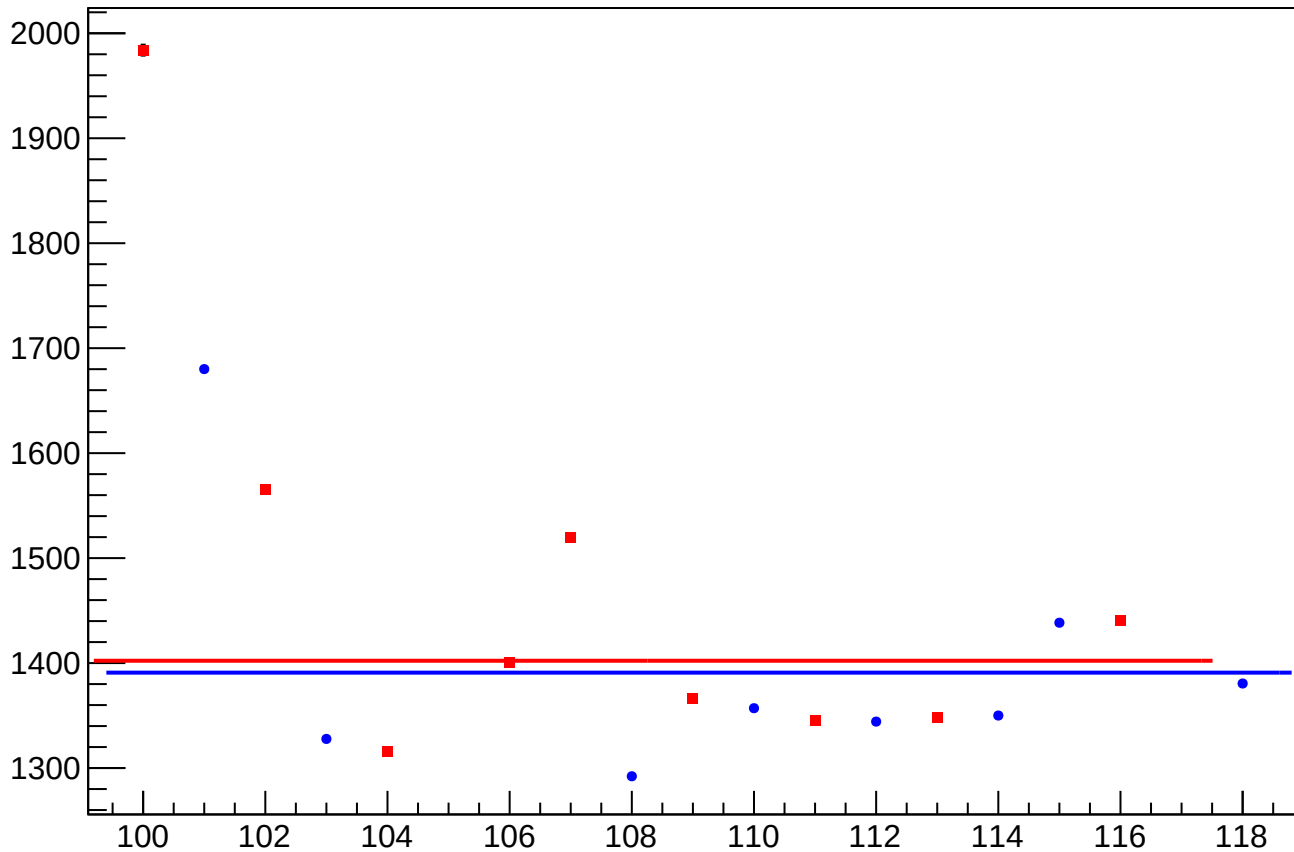
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.797+/-543.647 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1390.900 $\pm$ 0.544 χ^2 /NDF: 47763.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1402.217 $\pm$ 0.540 χ^2 /NDF: 36083.1/8

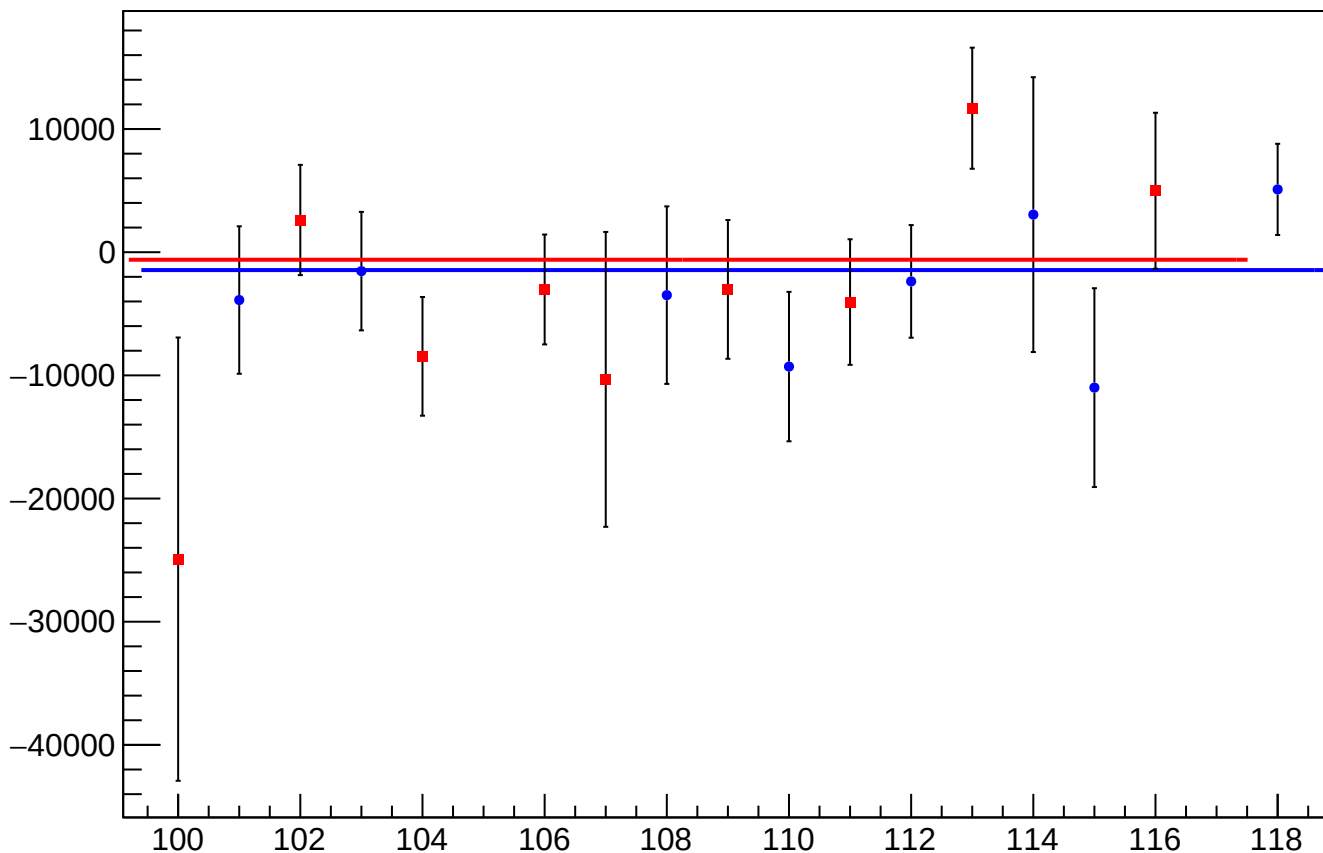
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1396.594 $\pm$ 0.383 χ^2 /NDF: 84064.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



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: -611.905+/-1858.013 χ^2/NDF : 13.6/8

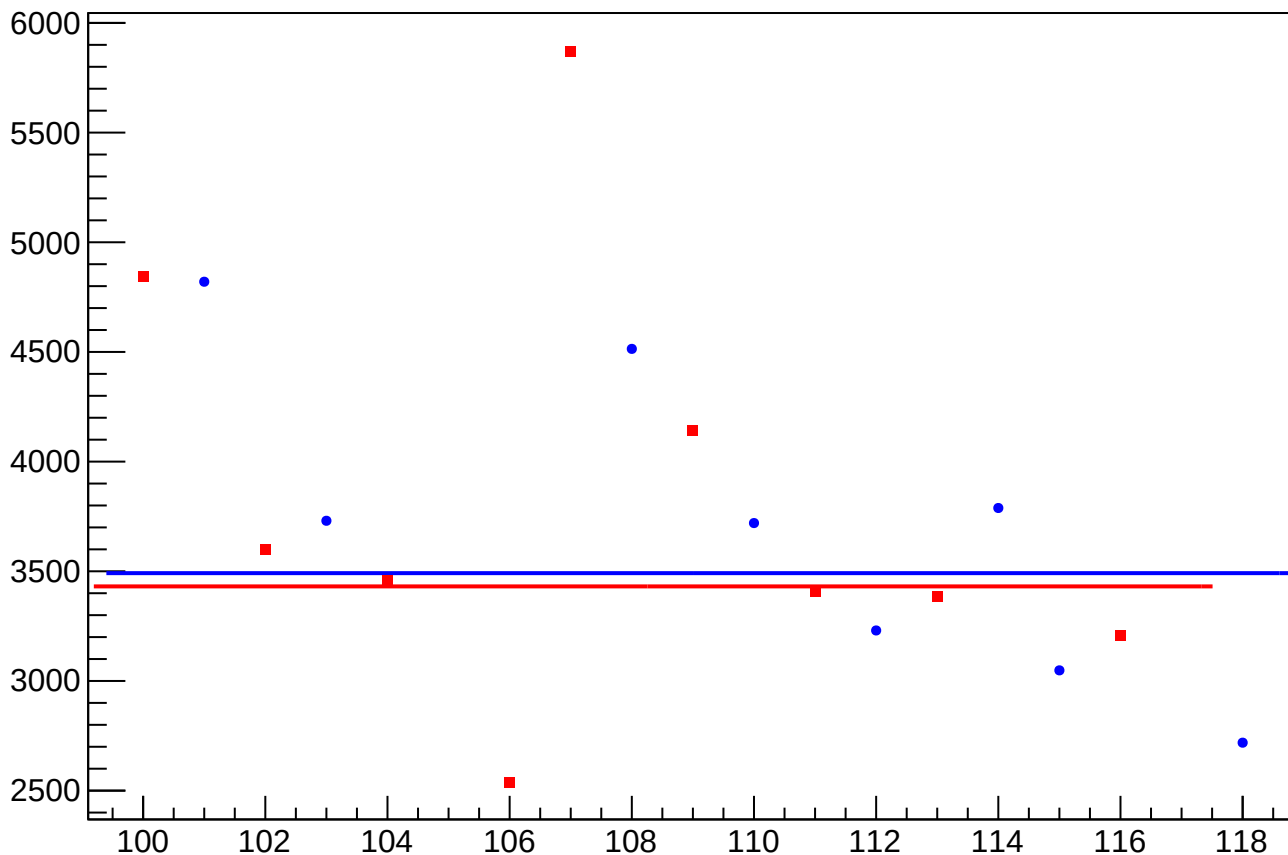
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1010.768+/-1346.746 χ^2/NDF : 20.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3491.522 $\pm$ 1.382 χ^2 /NDF: 247633.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3431.109 $\pm$ 1.314 χ^2 /NDF: 212951.4/8

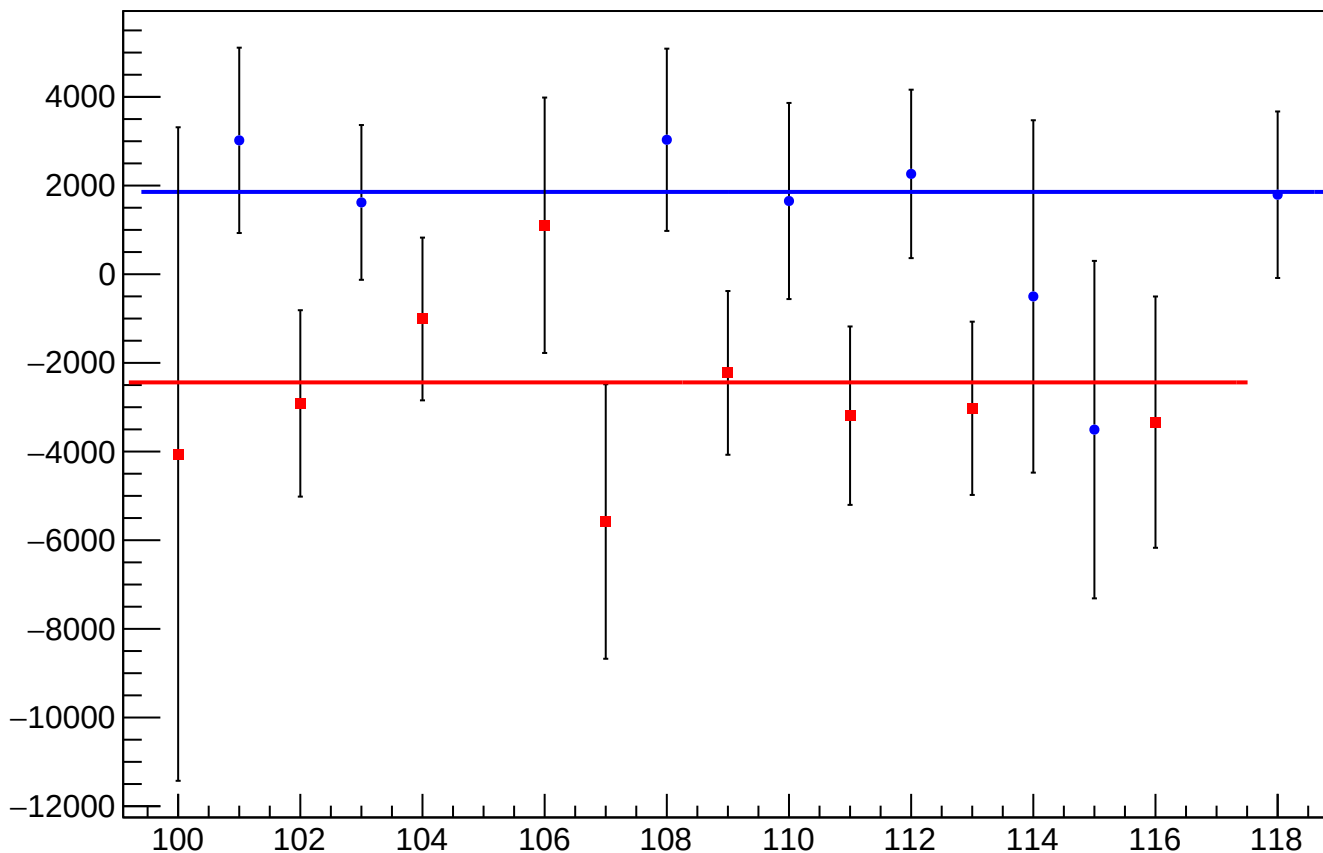
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3459.782 $\pm$ 0.952 χ^2 /NDF: 461588.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



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: -2440.033+/-768.627 χ^2/NDF : 3.6/8

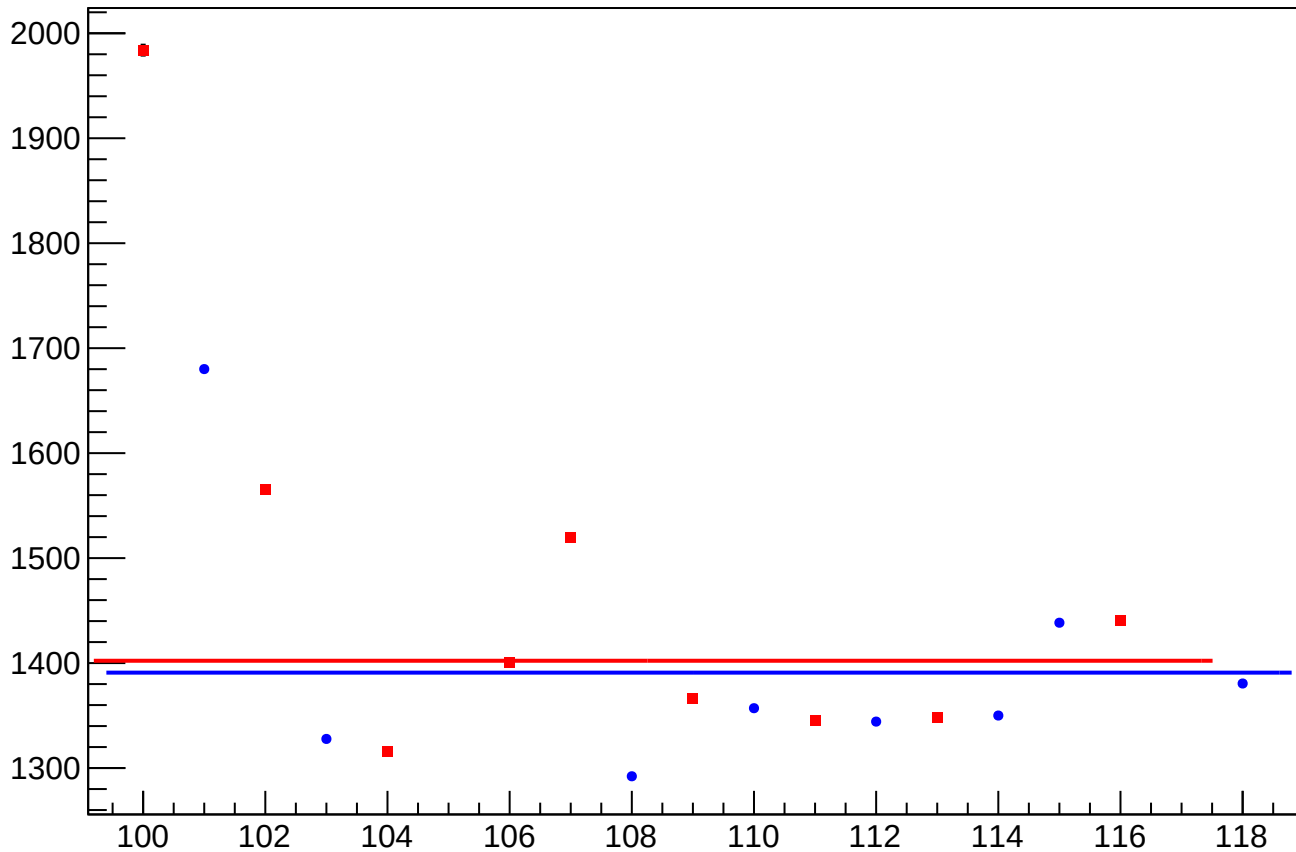
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.797+/-543.647 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



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: 1402.217+/-0.540 χ^2/NDF : 36083.2/8

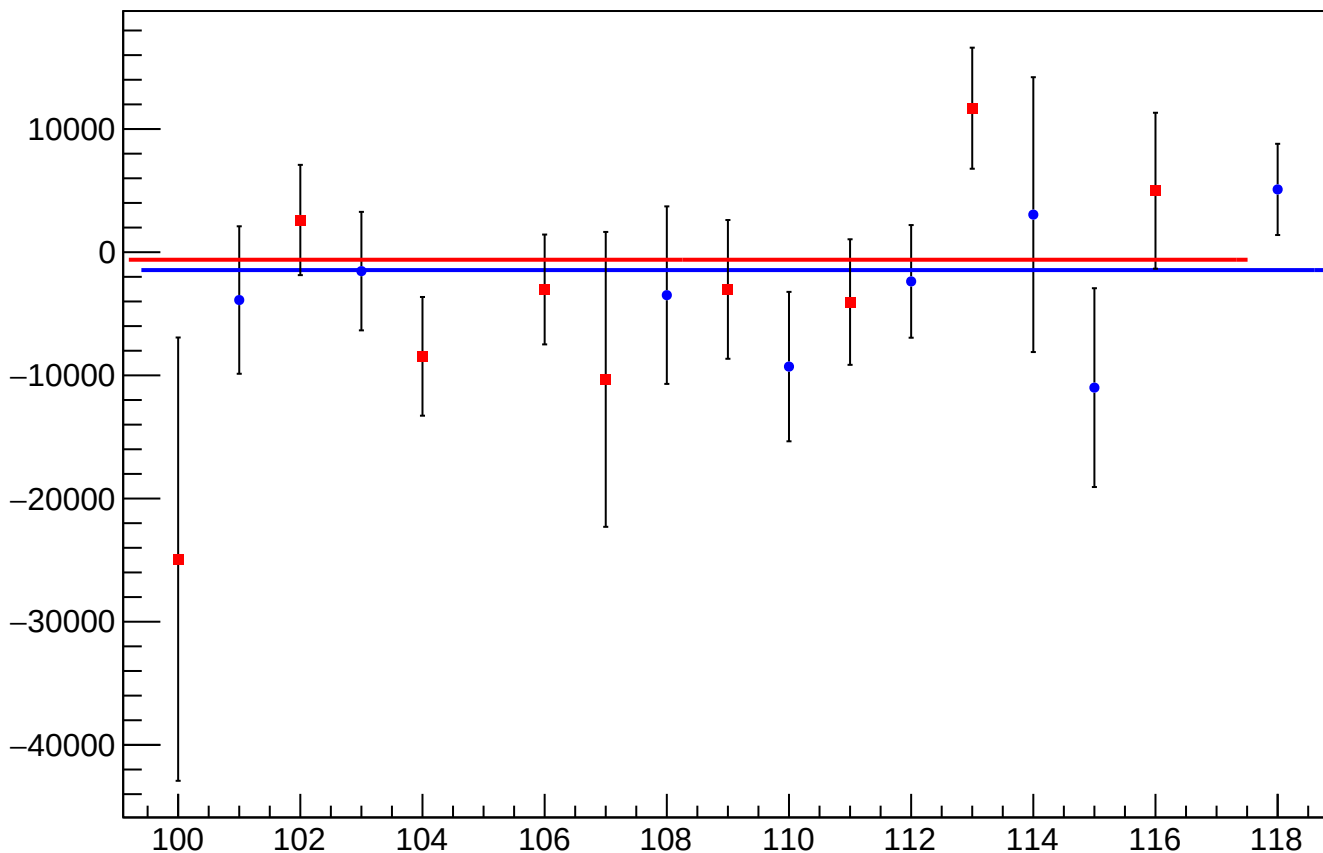
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1396.593+/-0.383 χ^2/NDF : 84063.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



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: -611.904+/-1858.009 χ^2/NDF : 13.6/8

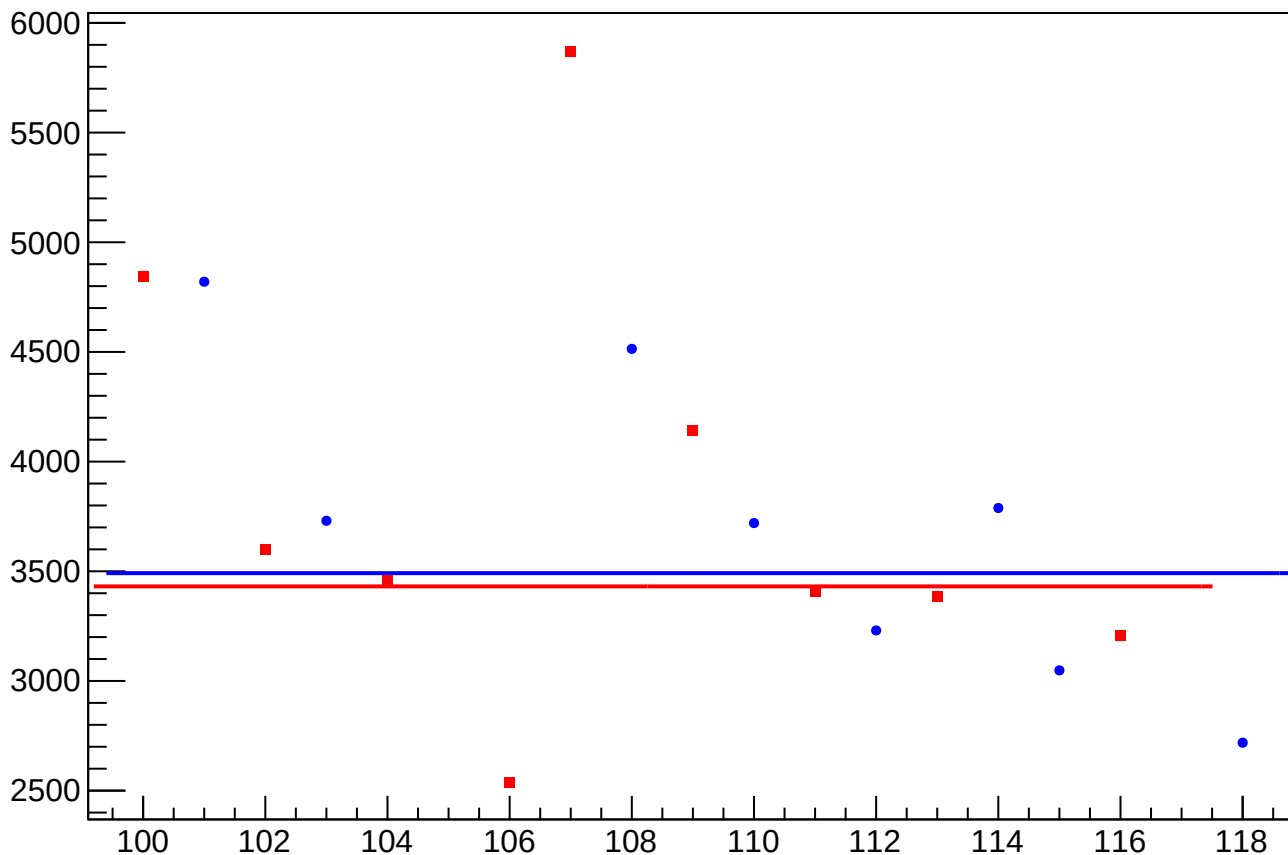
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1010.763+/-1346.742 χ^2/NDF : 20.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



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: 3431.101+/-1.314 χ^2/NDF : 212951.7/8

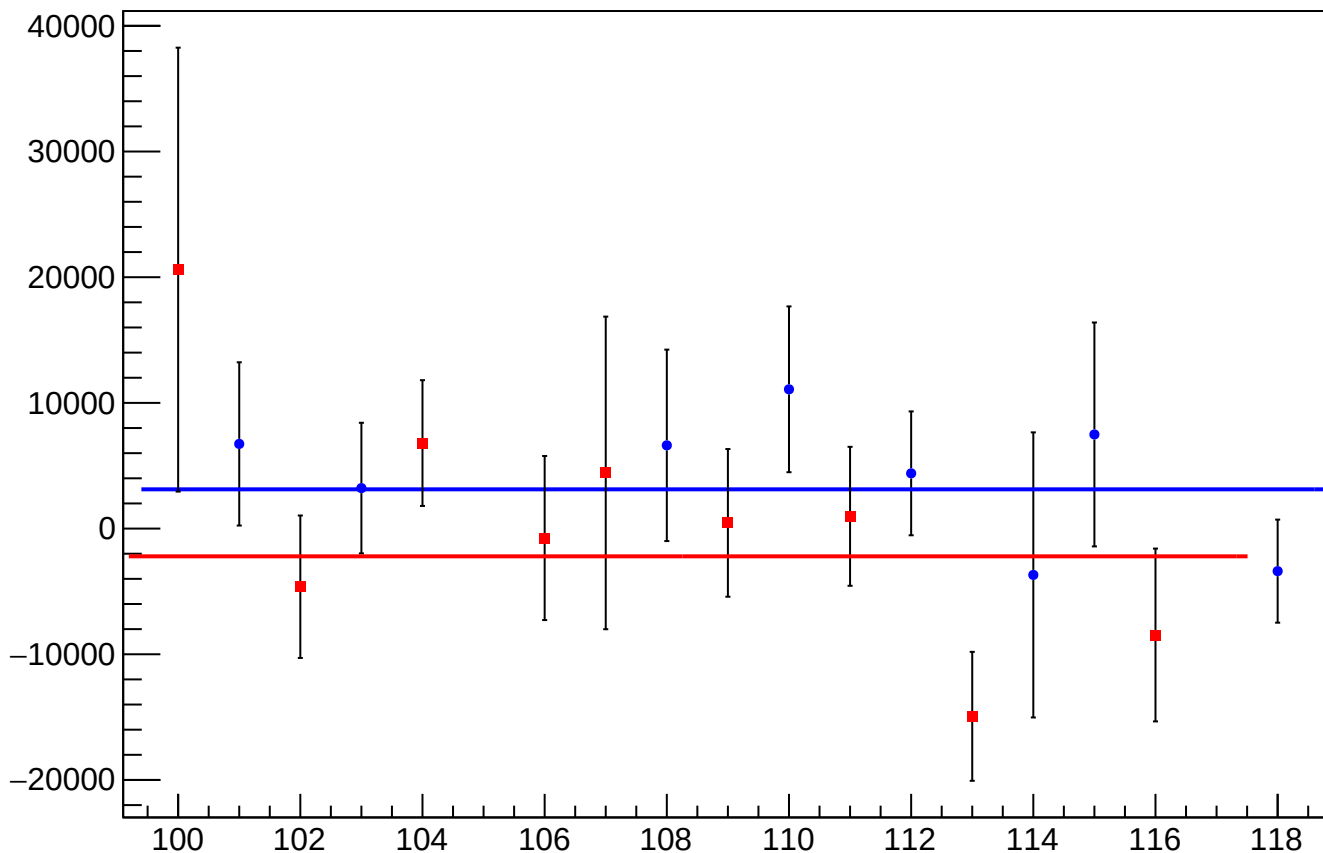
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3459.772+/-0.952 χ^2/NDF : 461592.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



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: -2208.023+/-2107.773 χ^2/NDF : 13.0/8

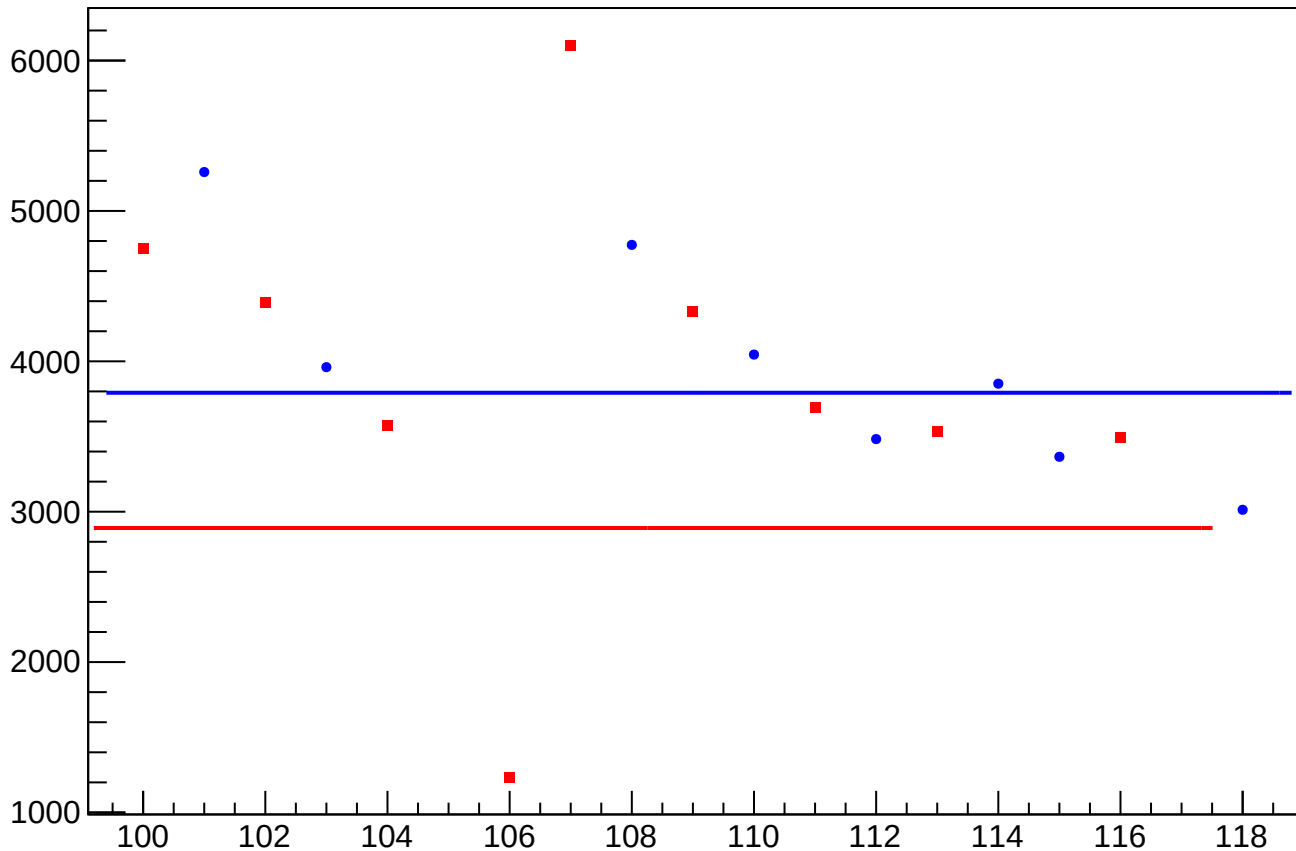
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 438.950+/-1495.512 χ^2/NDF : 21.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_rms vs Slug



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: 2891.644+/-1.239 χ^2/NDF : 1222593.7/8

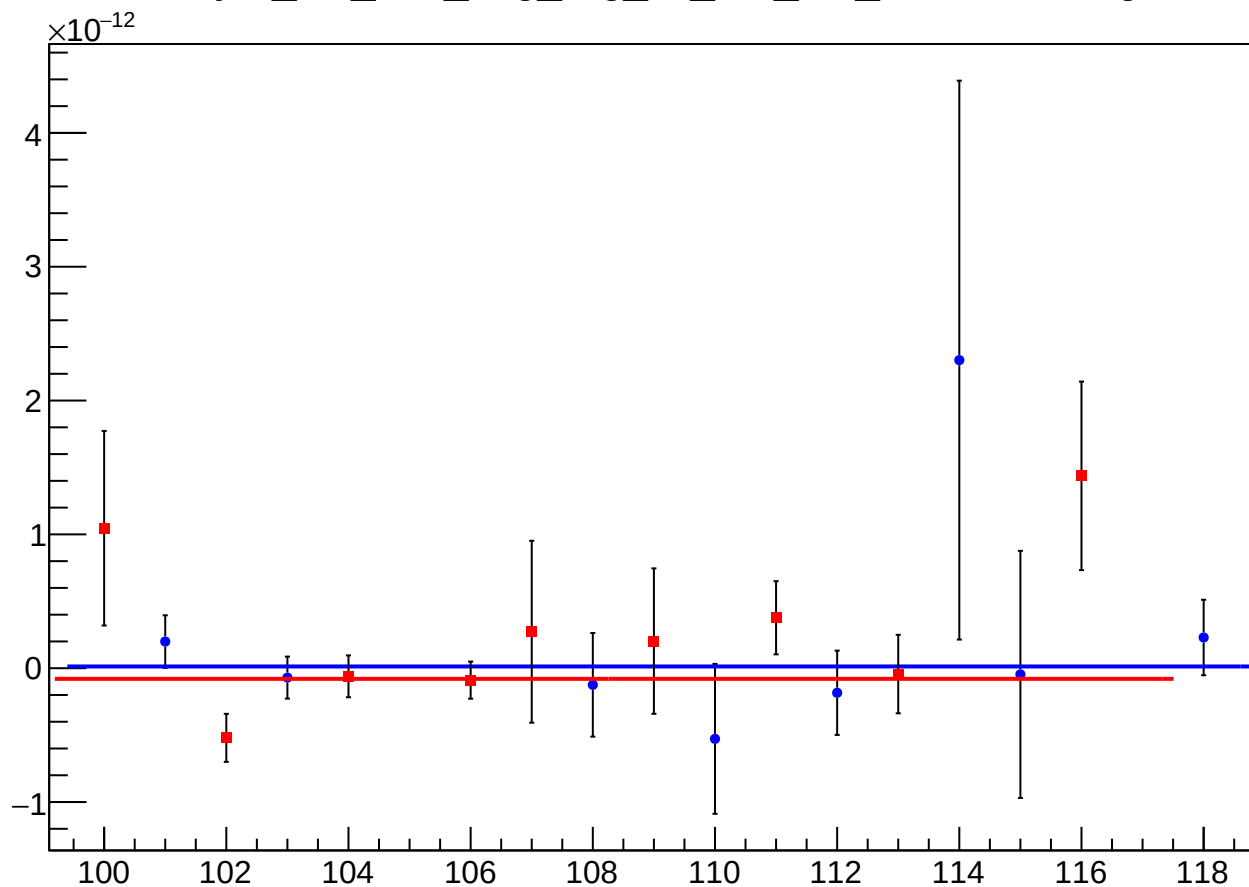
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3256.317+/-0.956 χ^2/NDF : 1661200.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug



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 : 16.4/8

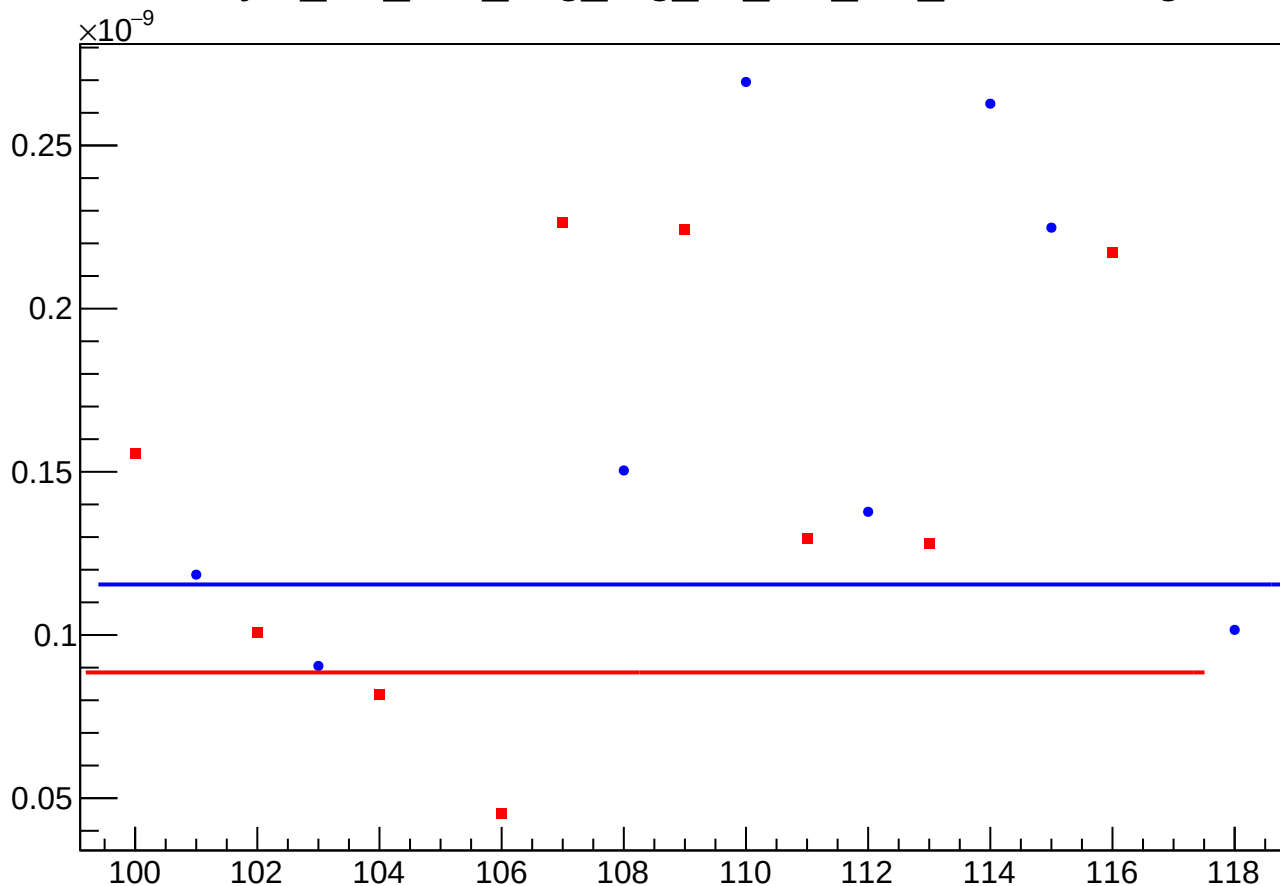
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



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 : 579959.5/8

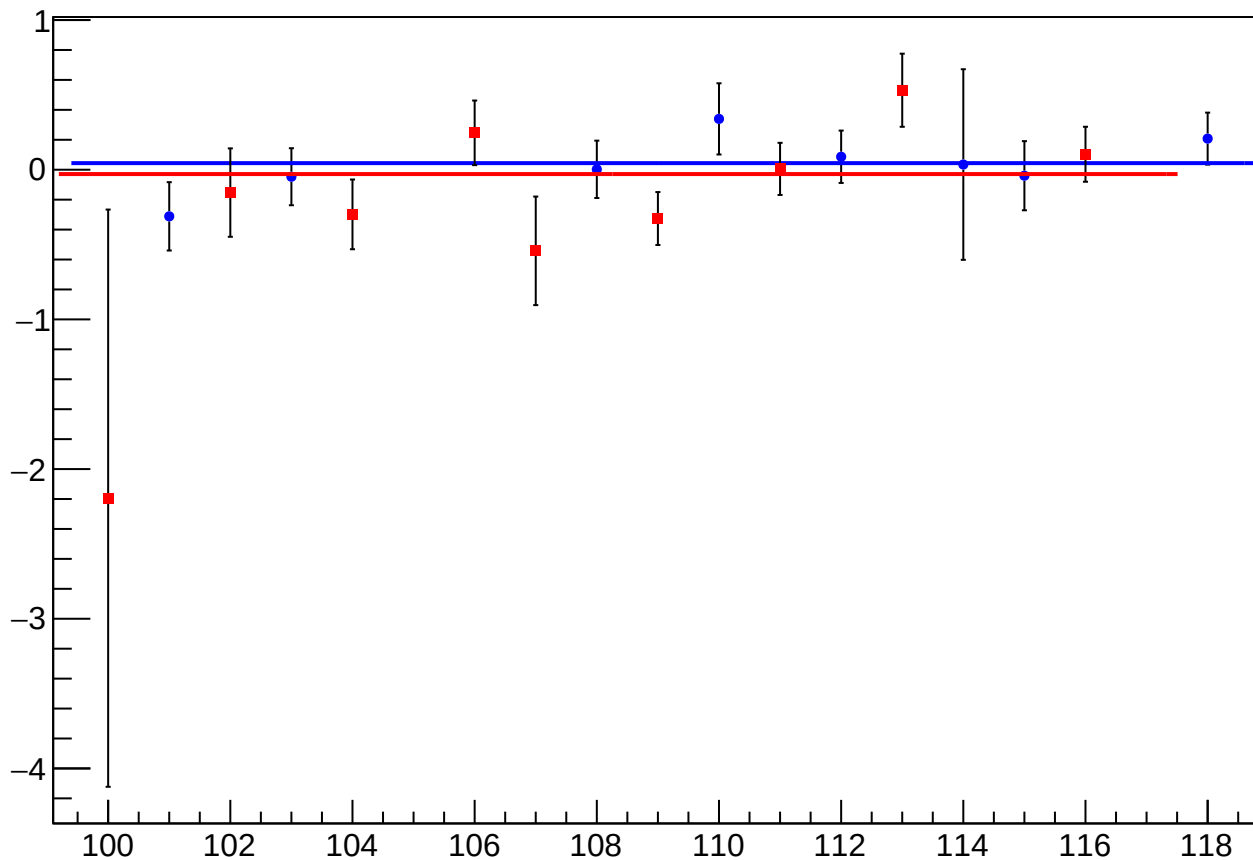
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940768.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.044 $\pm$ 0.075 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.077 χ^2 /NDF: 15.0/8

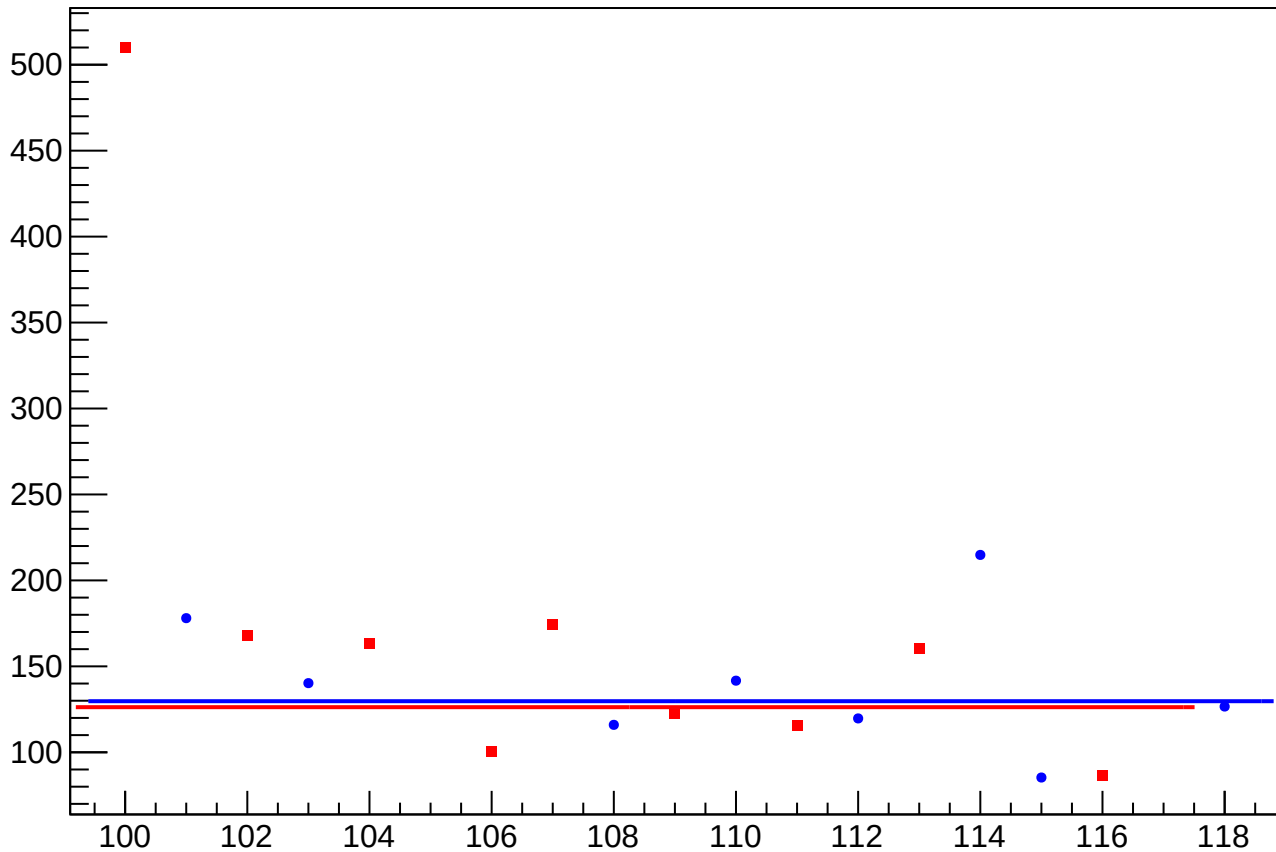
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.053 χ^2 /NDF: 20.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



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: 126.253+/-0.054 χ^2/NDF : 373358.0/8

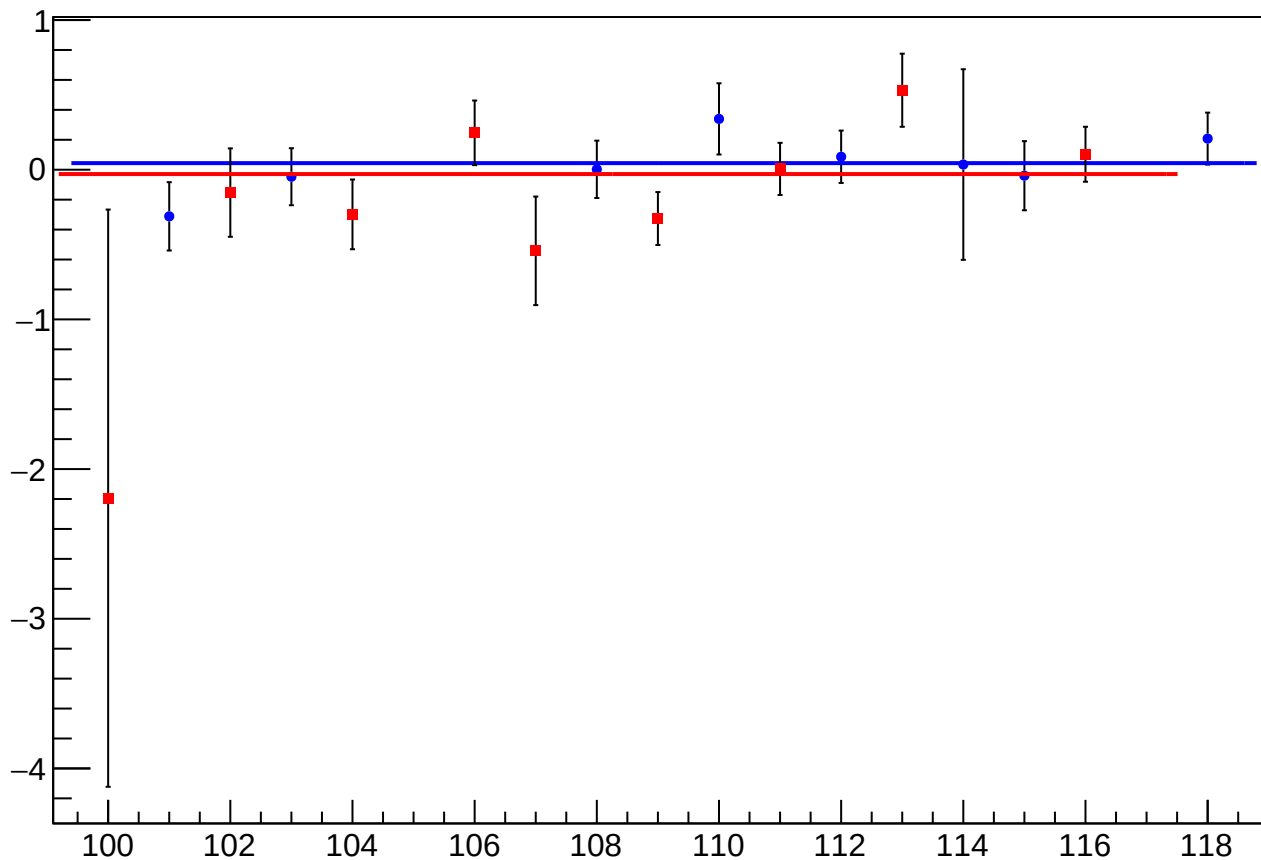
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.031+/-0.038 χ^2/NDF : 603276.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.029+/-0.077 χ^2/NDF : 15.0/8

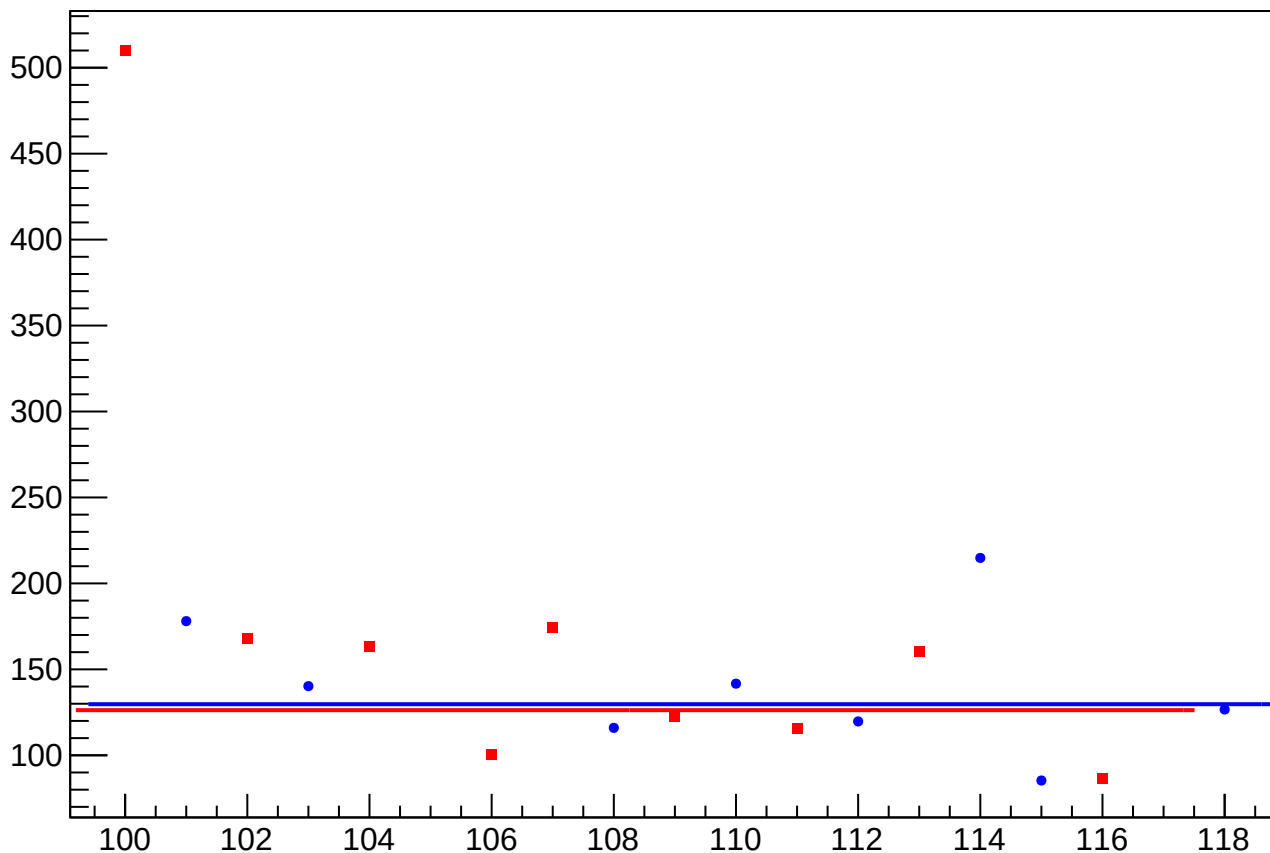
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.053 χ^2/NDF : 20.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 126.253 $\pm$ 0.054 χ^2 /NDF: 373358.0/8

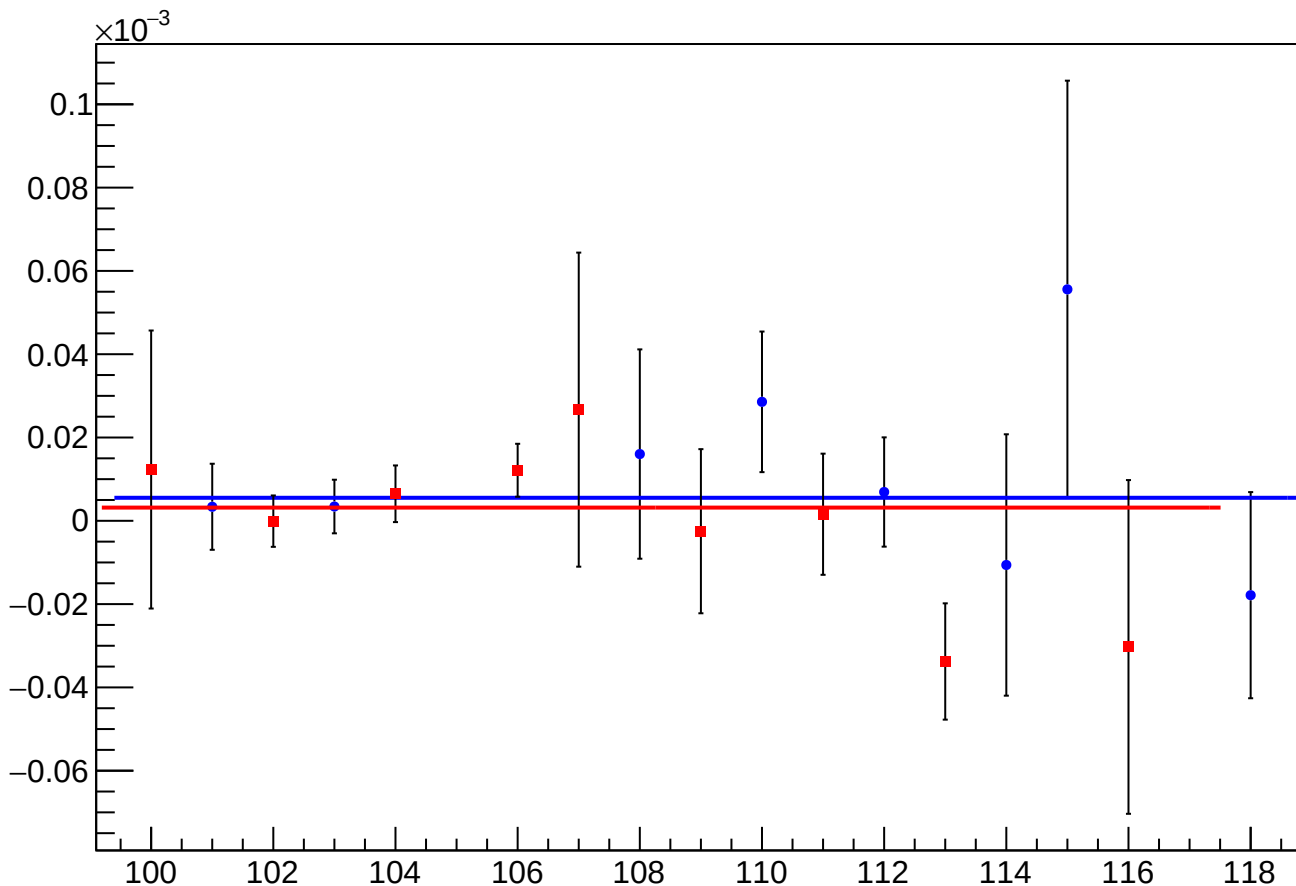
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.031 $\pm$ 0.038 χ^2 /NDF: 603276.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.8/8

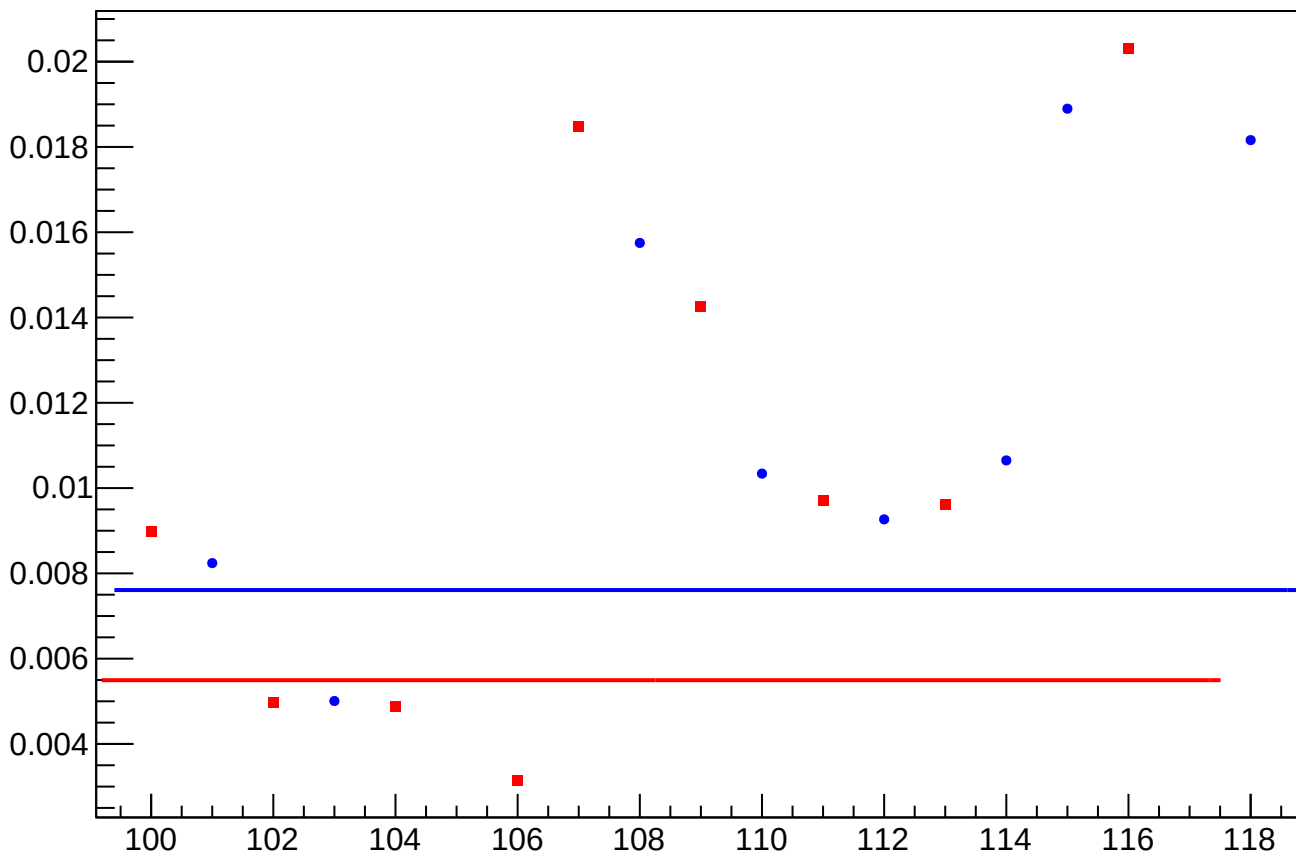
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.005+/-0.000 χ^2/NDF : 1575900.6/8

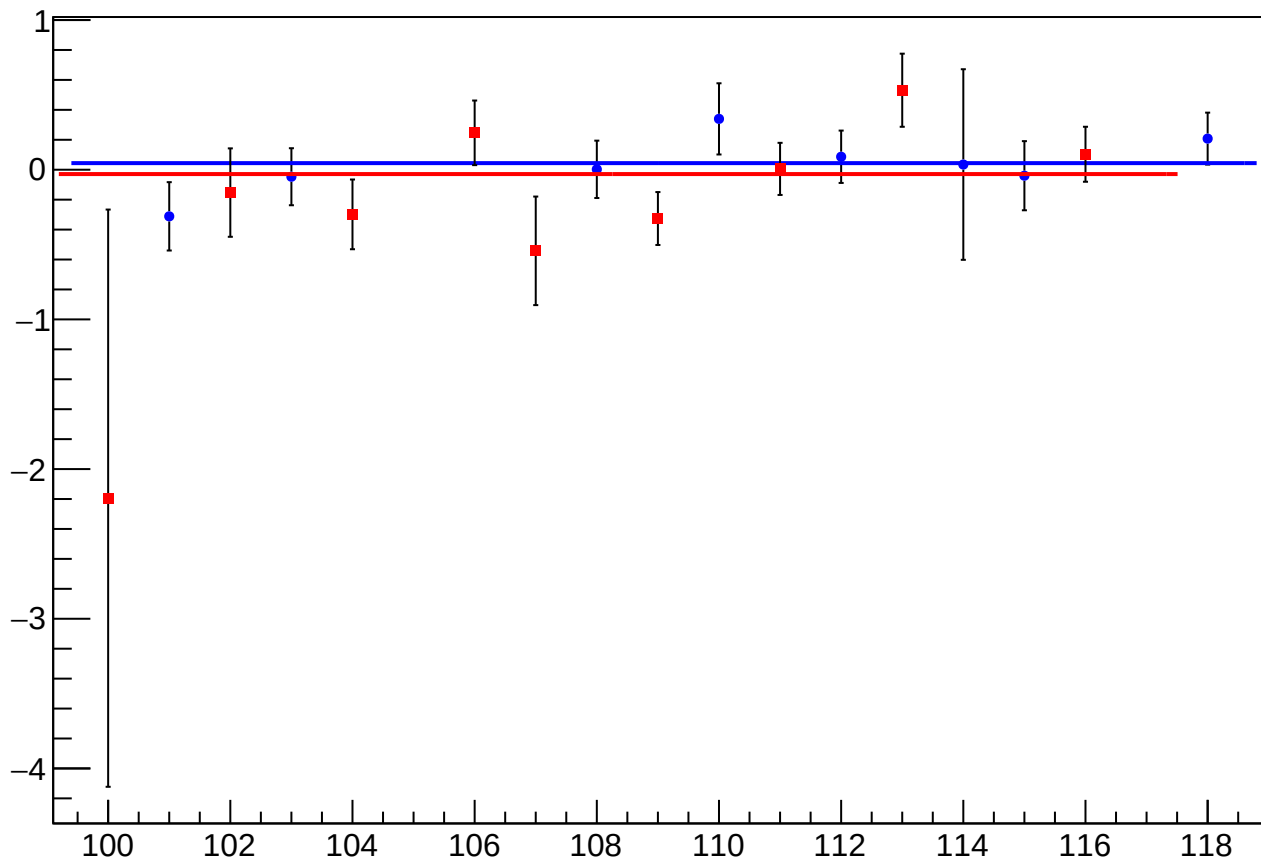
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2963377.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.044 $\pm$ 0.075 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.077 χ^2 /NDF: 15.0/8

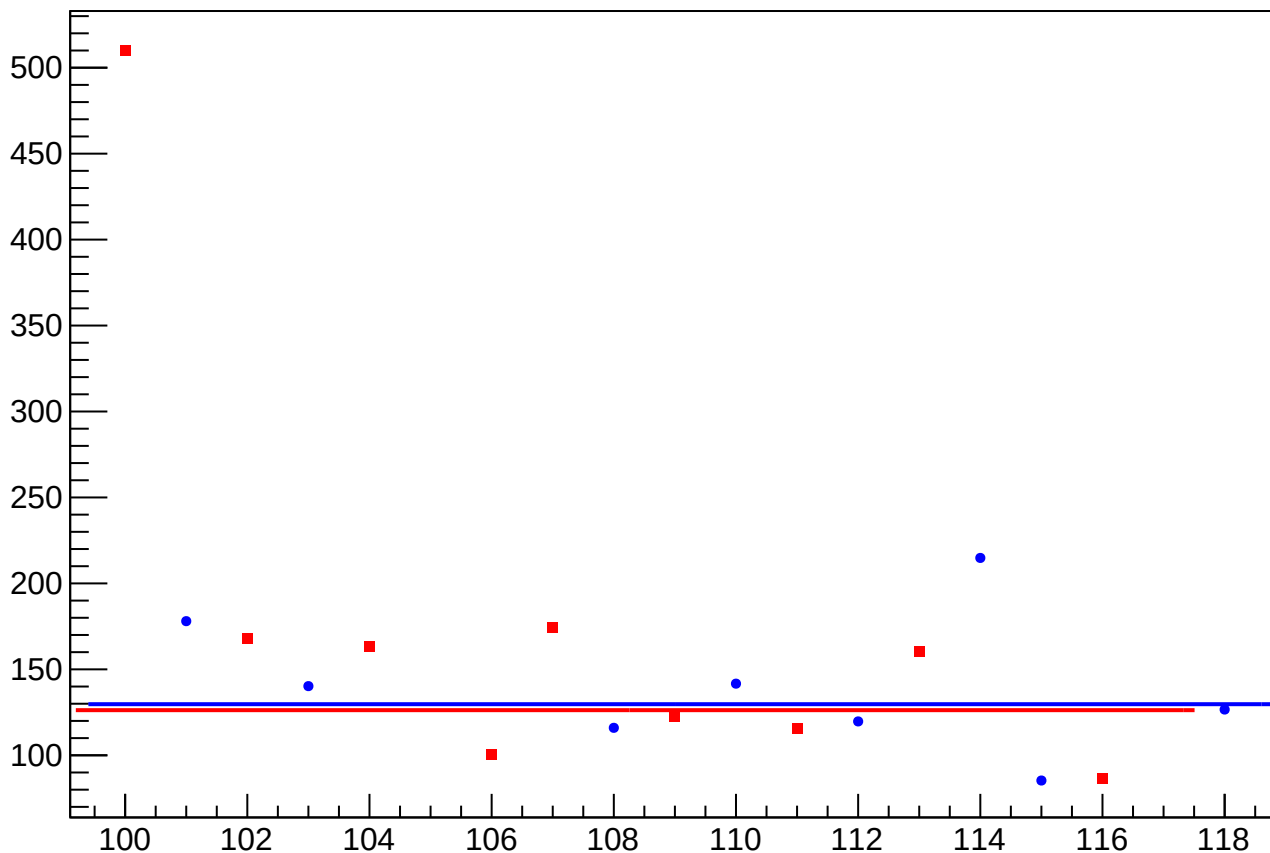
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.053 χ^2 /NDF: 20.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 129.729 $\pm$ 0.053 χ^2 /NDF: 227791.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 126.256 $\pm$ 0.054 χ^2 /NDF: 373323.7/8

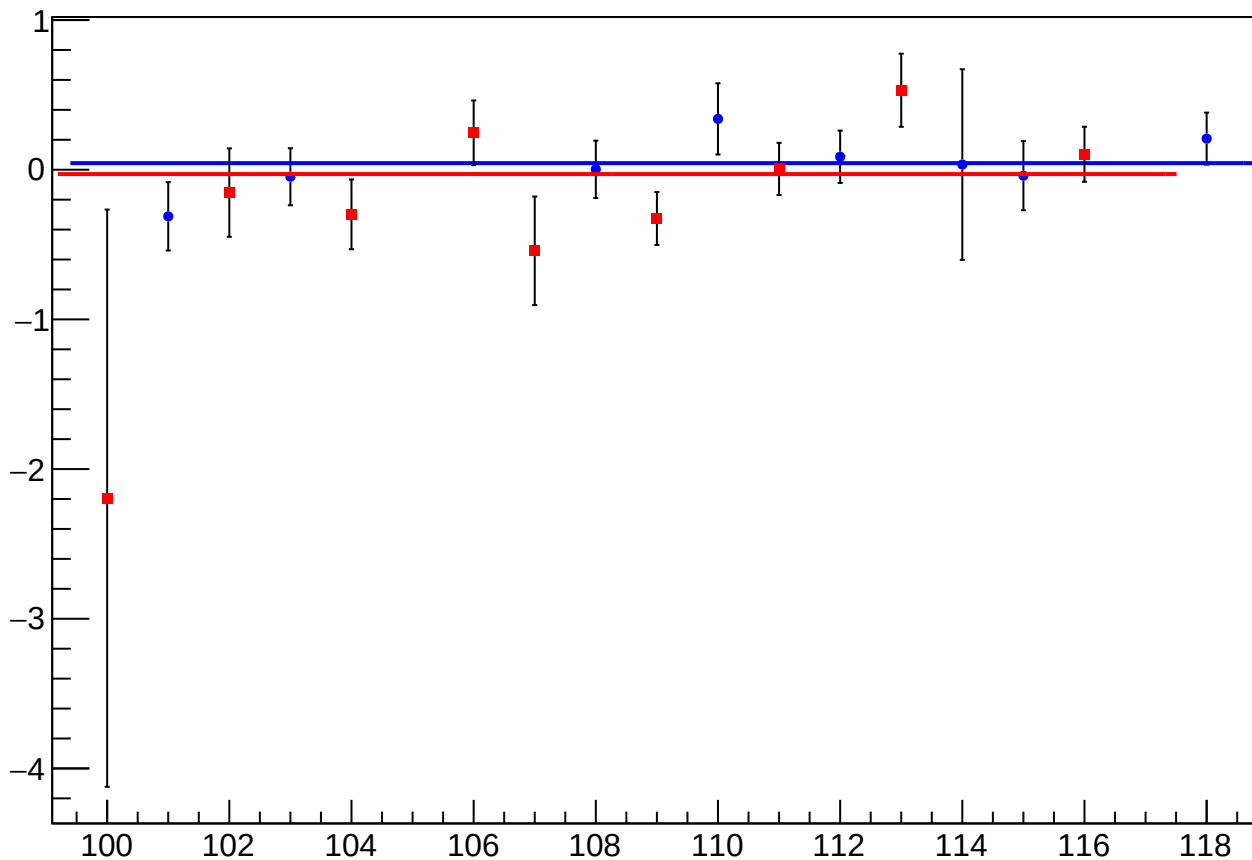
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.033 $\pm$ 0.038 χ^2 /NDF: 603222.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.029+/-0.077 χ^2/NDF : 15.0/8

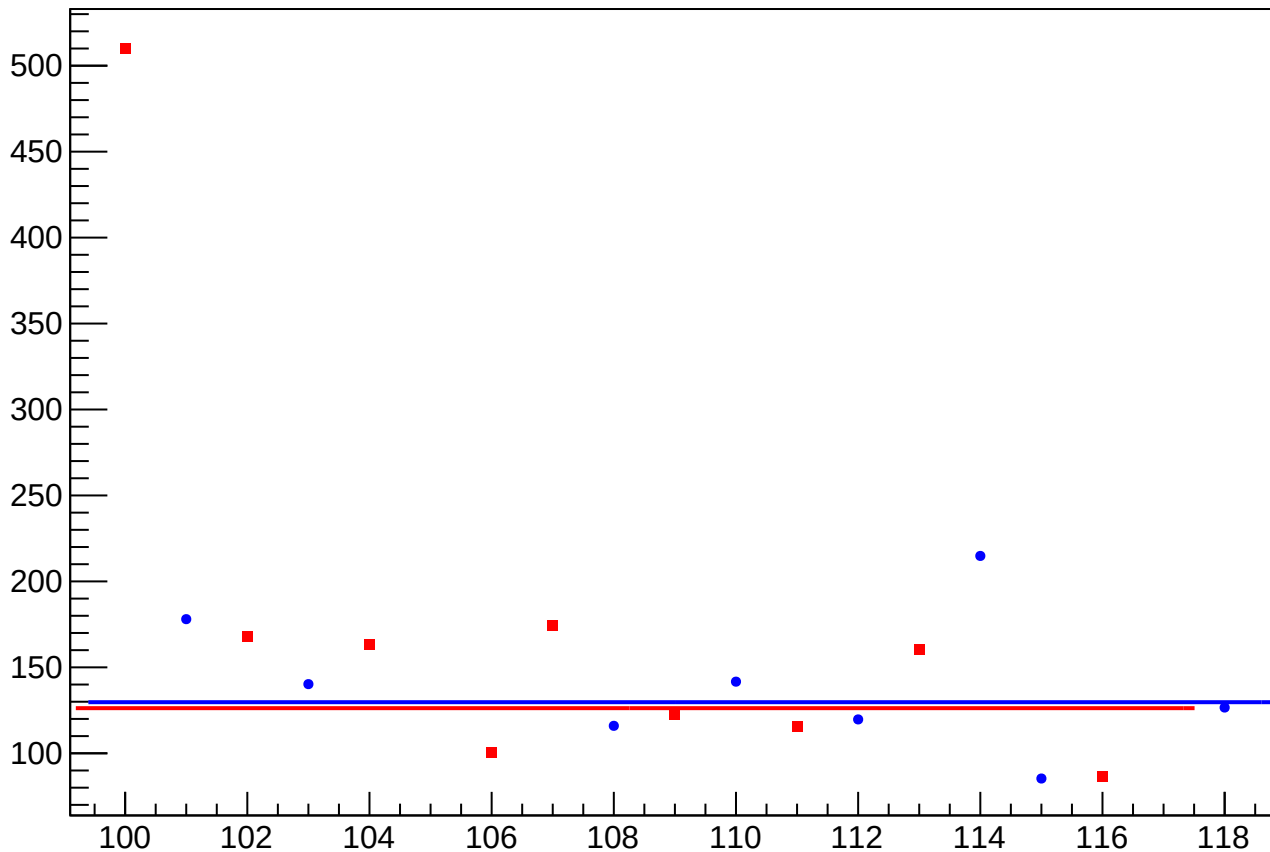
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.053 χ^2/NDF : 20.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 126.256+/-0.054 χ^2/NDF : 373323.7/8

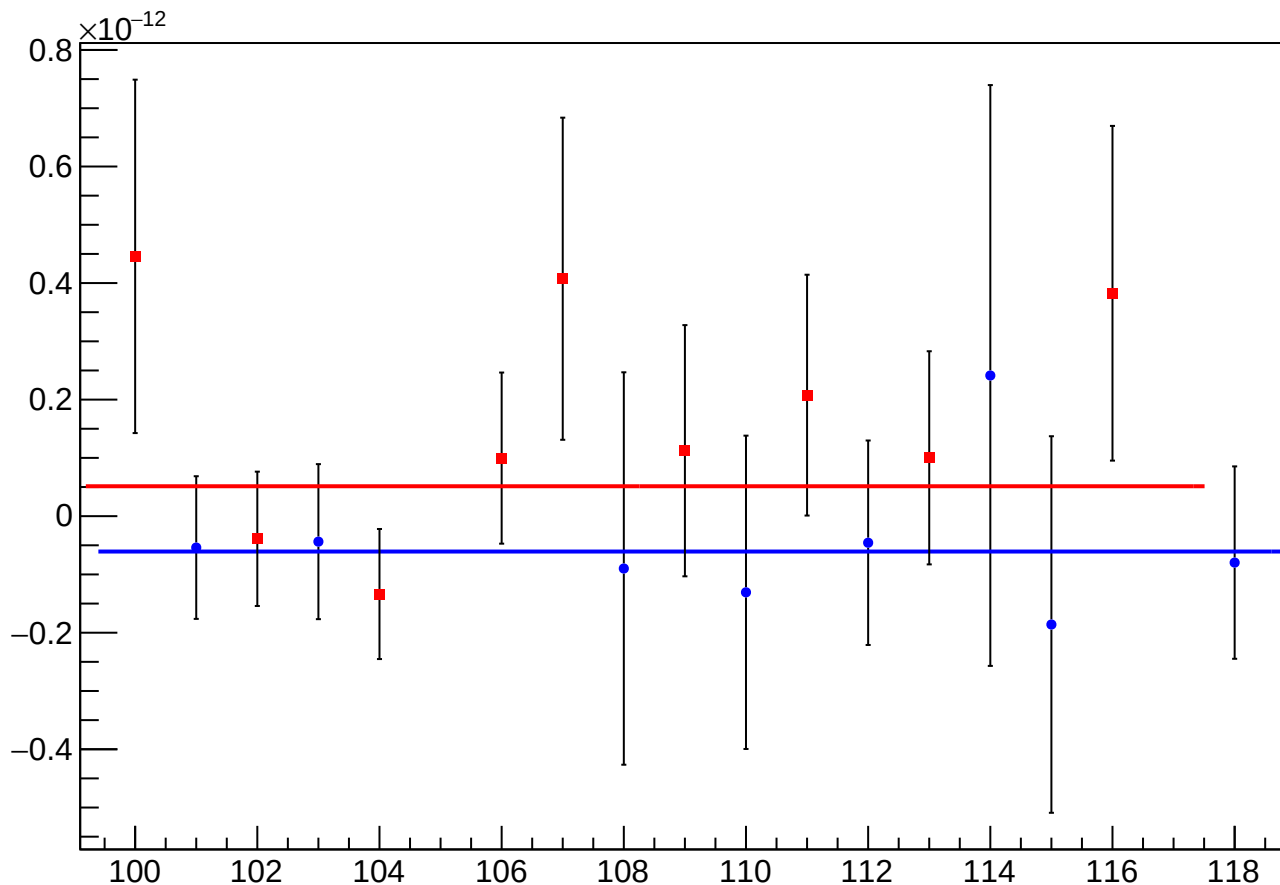
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.033+/-0.038 χ^2/NDF : 603222.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 8.9/8

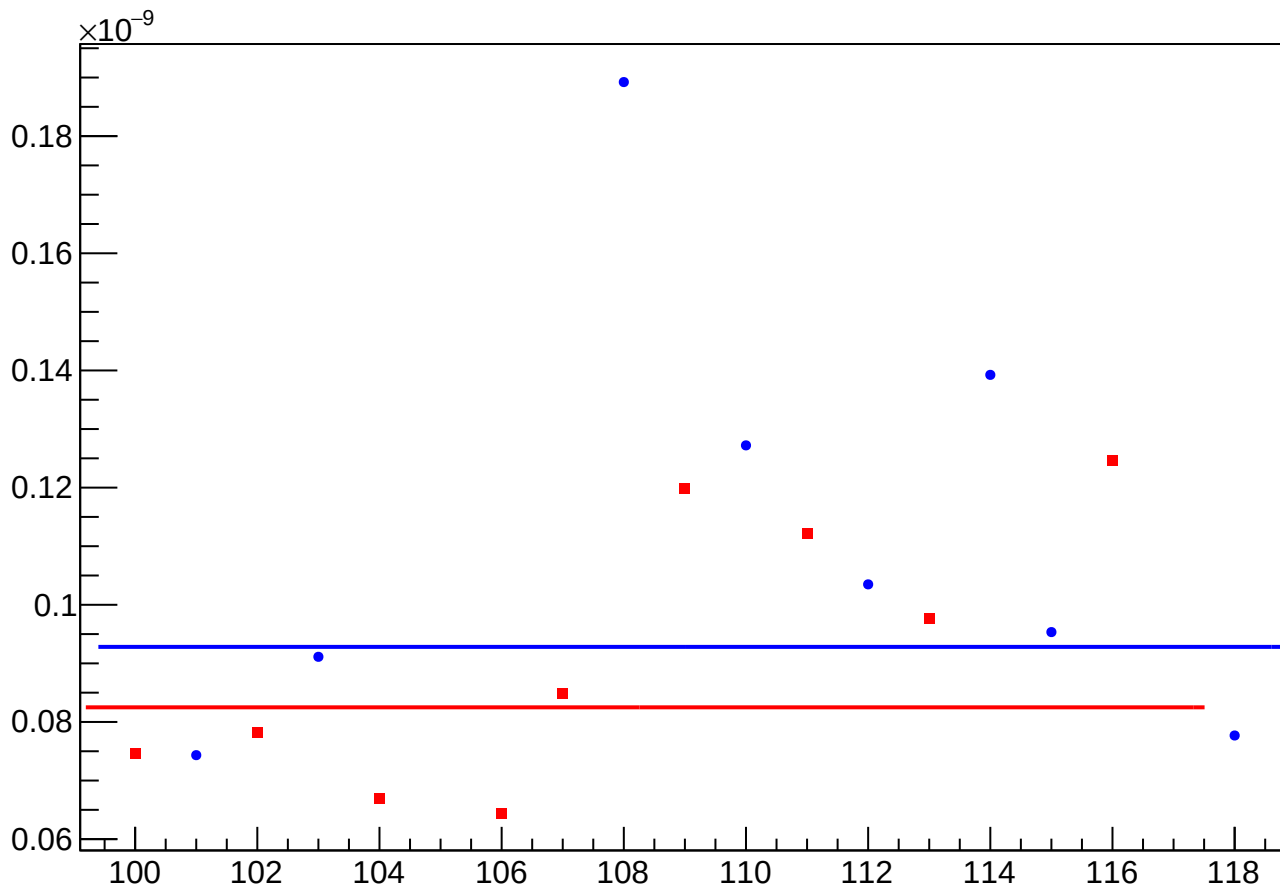
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 231491.6/8

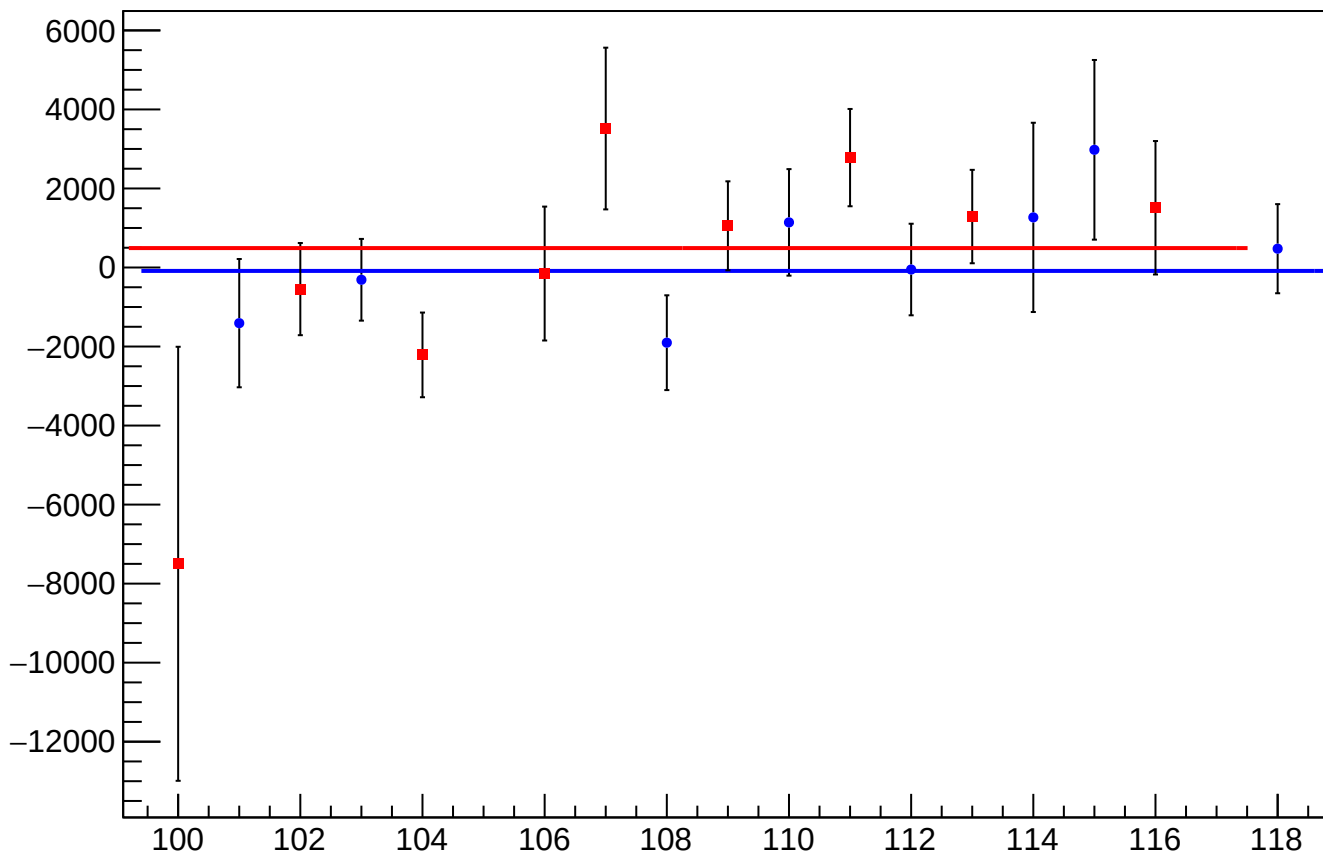
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 543935.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -86.611 $\pm$ 473.551 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 491.245 $\pm$ 459.250 χ^2 /NDF: 16.1/8

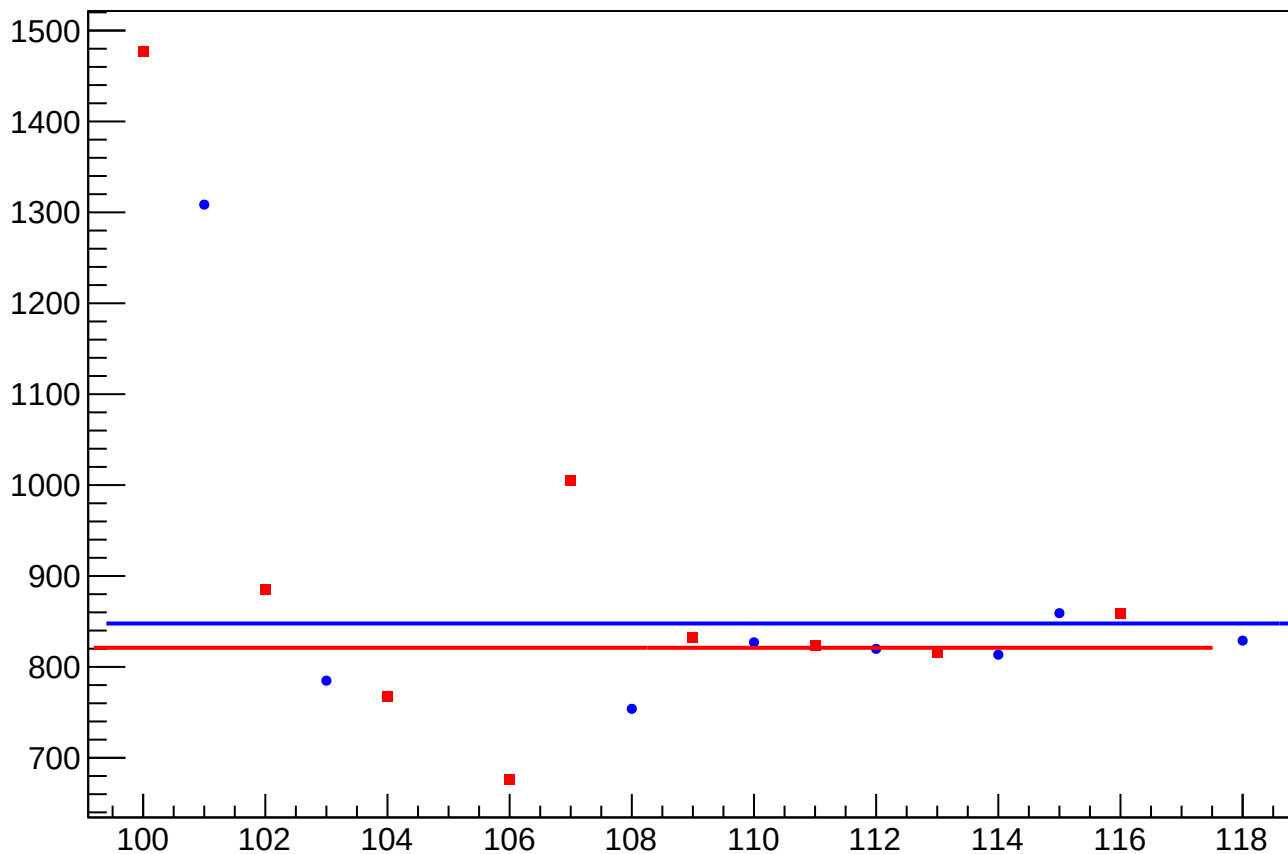
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.174 $\pm$ 329.679 χ^2 /NDF: 23.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 847.762 $\pm$ 0.335 χ^2 /NDF: 183421.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 821.051 $\pm$ 0.317 χ^2 /NDF: 81908.5/8

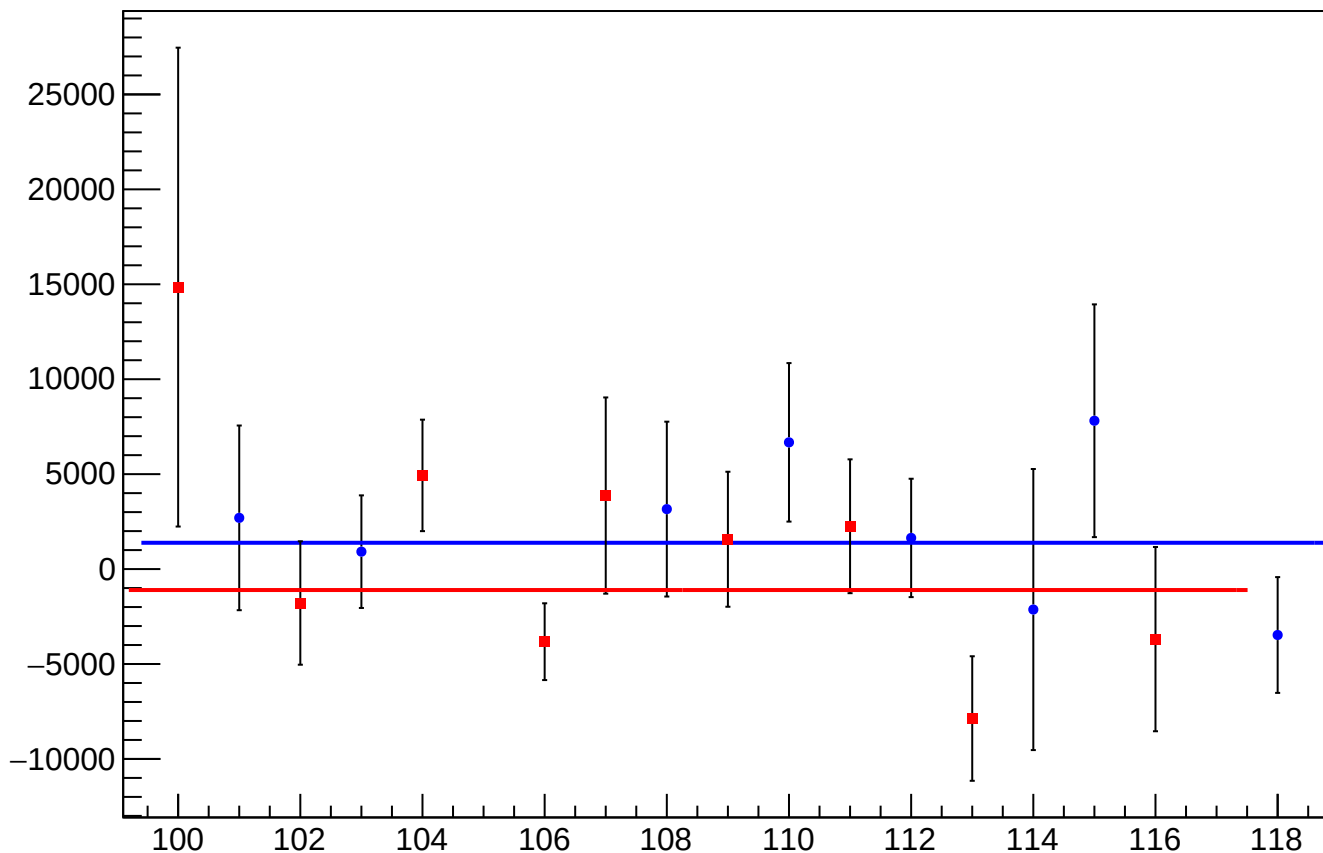
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 833.664 $\pm$ 0.230 χ^2 /NDF: 268688.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



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: -1103.863+/-1122.194 χ^2/NDF : 14.6/8

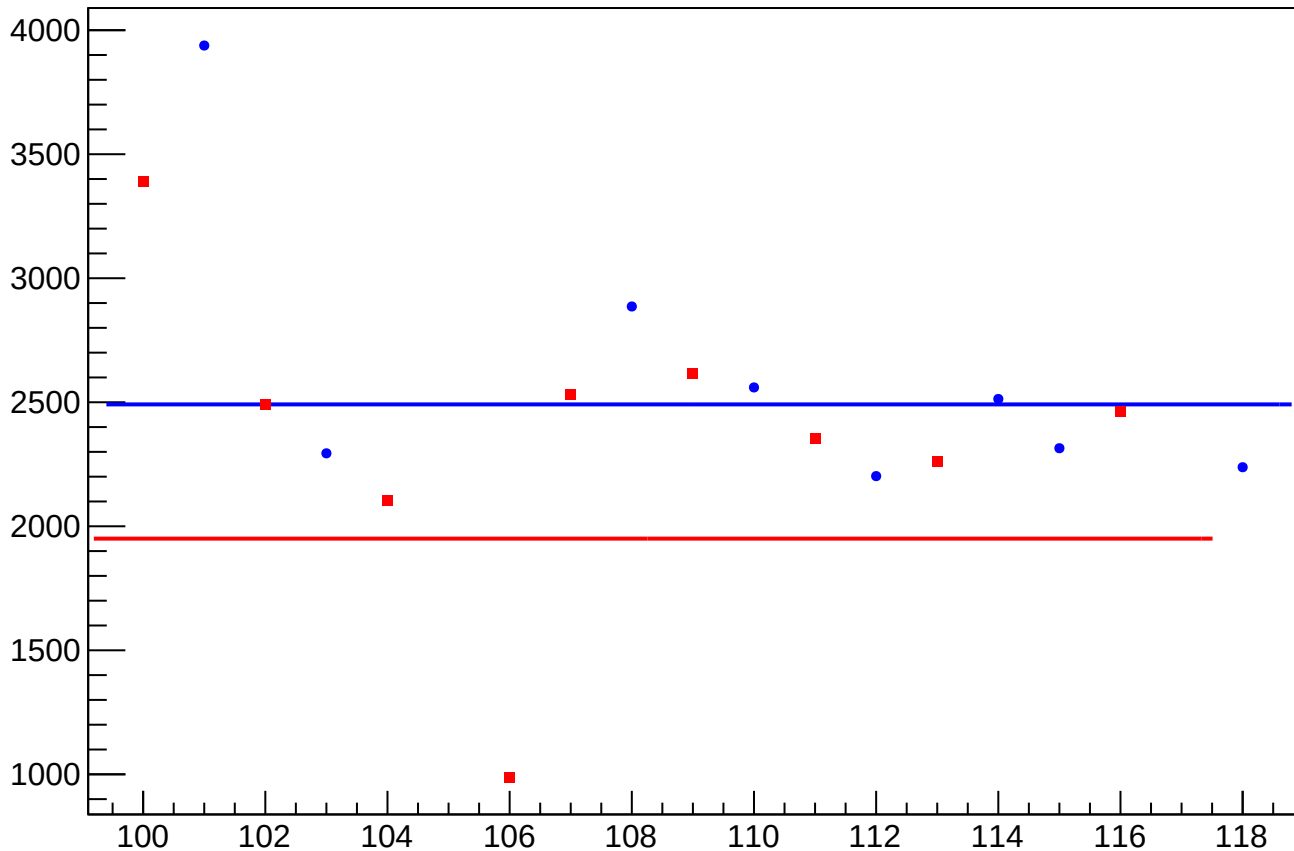
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.573+/-873.720 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



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: 1950.275+/-0.794 χ^2/NDF : 702689.1/8

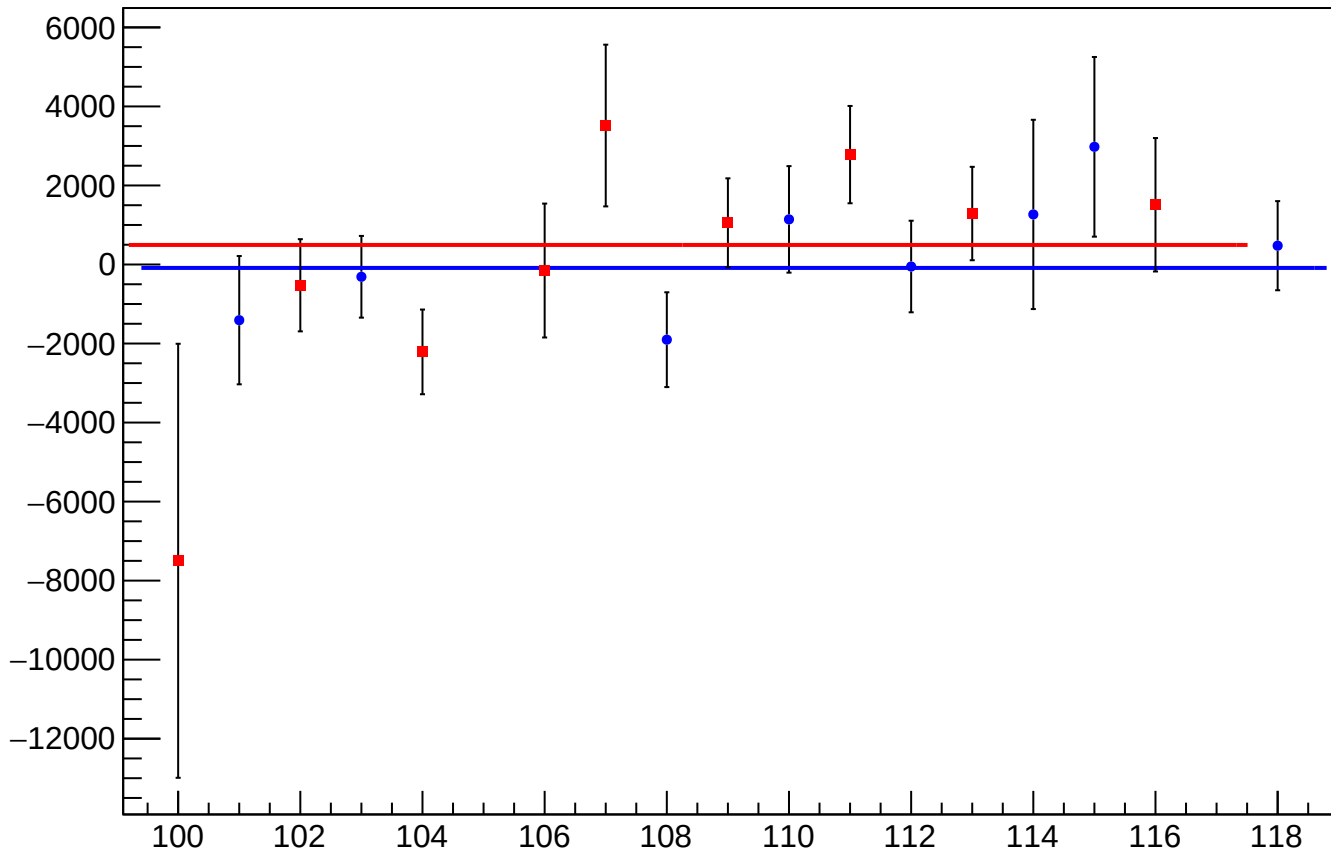
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2163.355+/-0.618 χ^2/NDF : 1119548.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -86.733 $\pm$ 473.551 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 494.584 $\pm$ 459.265 χ^2 /NDF: 16.1/8

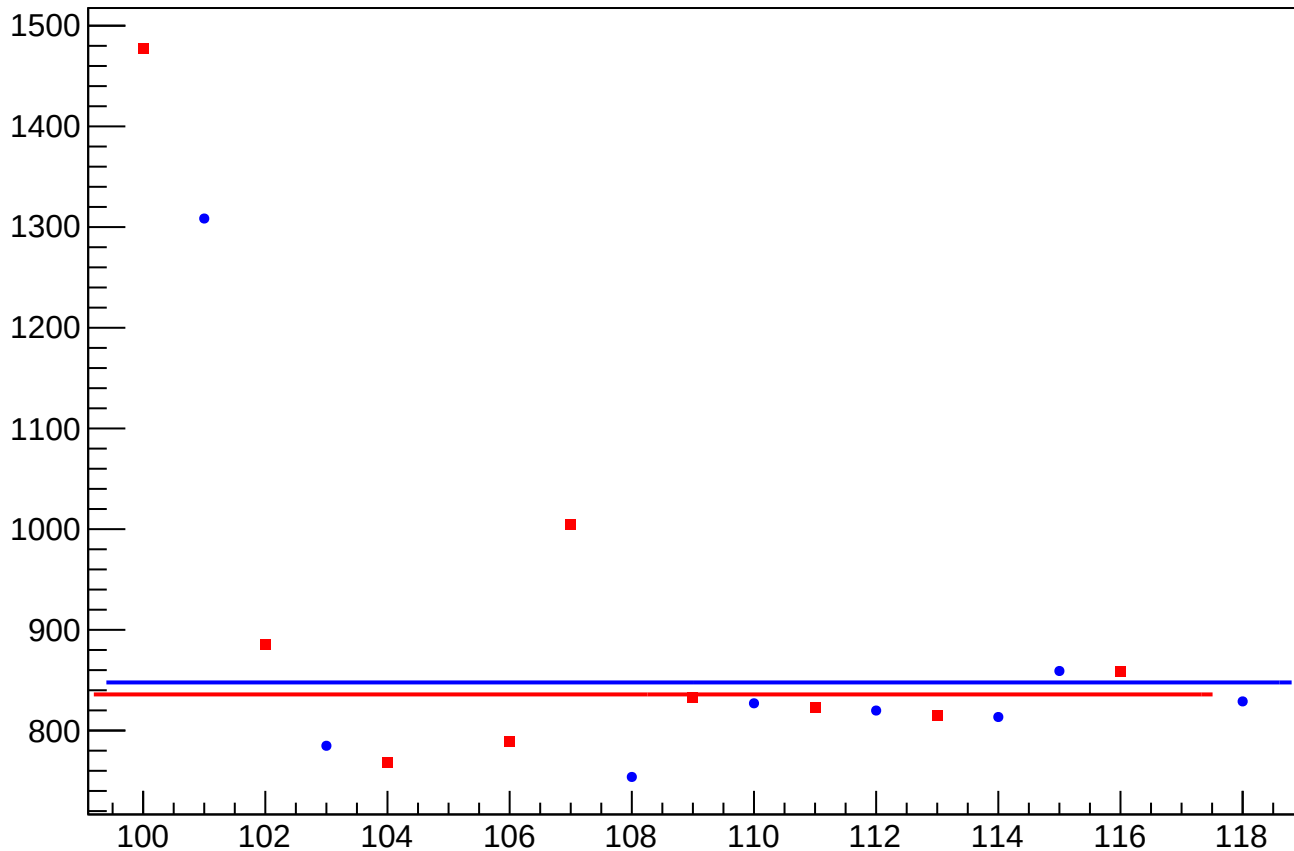
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 212.826 $\pm$ 329.684 χ^2 /NDF: 23.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 847.762 $\pm$ 0.335 χ^2 /NDF: 183420.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 835.863 $\pm$ 0.321 χ^2 /NDF: 55734.3/8

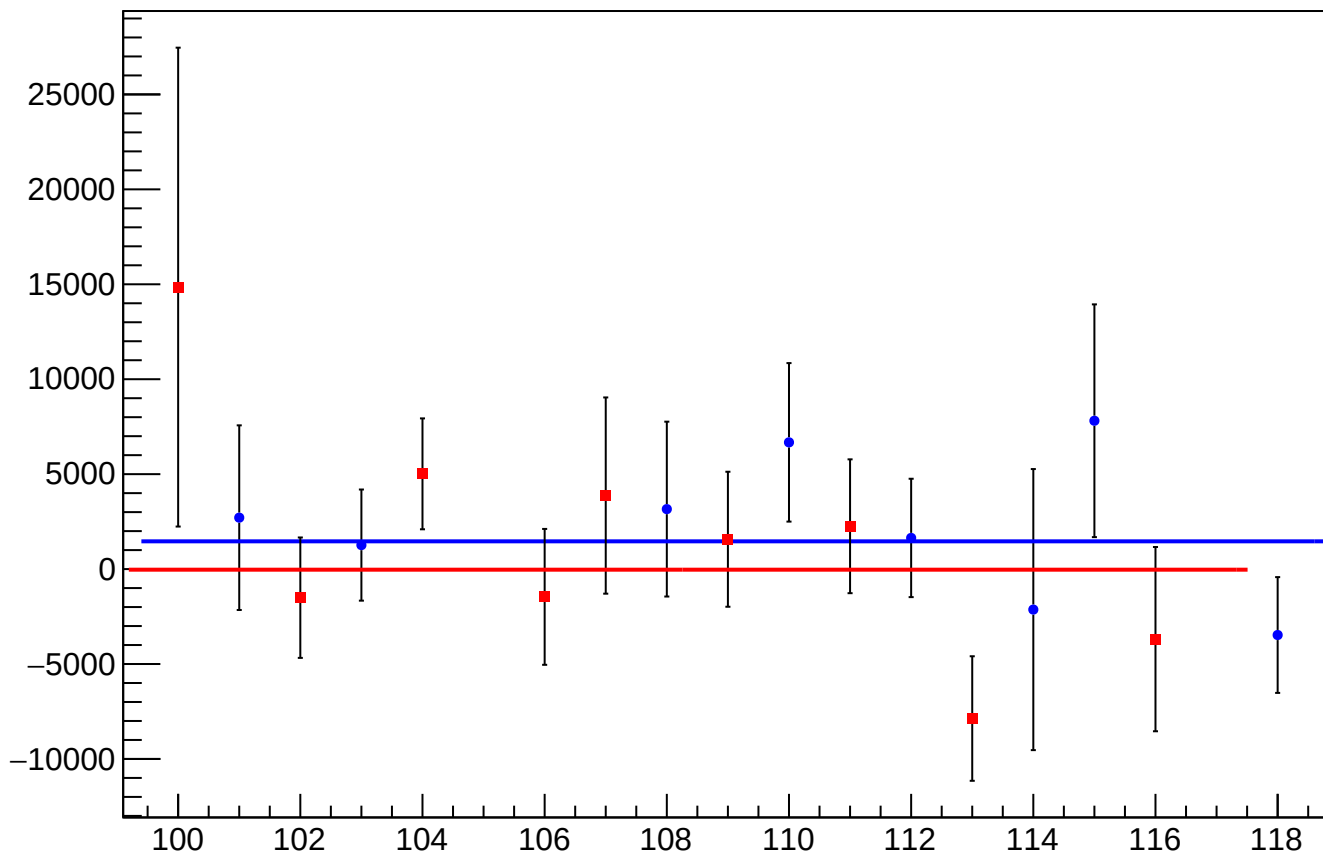
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 841.568 $\pm$ 0.232 χ^2 /NDF: 239812.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



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: -31.907+/-1256.346 χ^2/NDF : 12.2/8

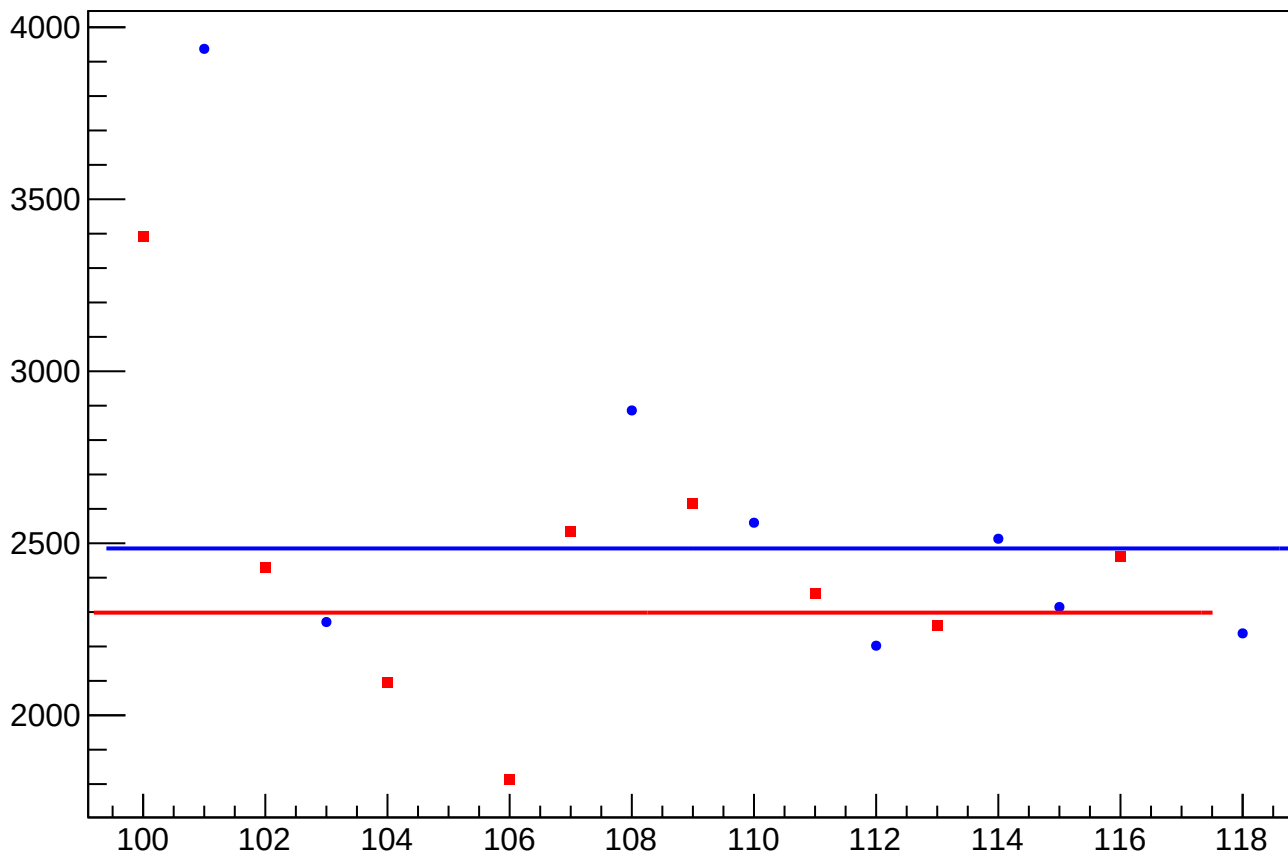
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.564+/-931.506 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



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: 2298.400+/-0.888 χ^2/NDF : 88380.2/8

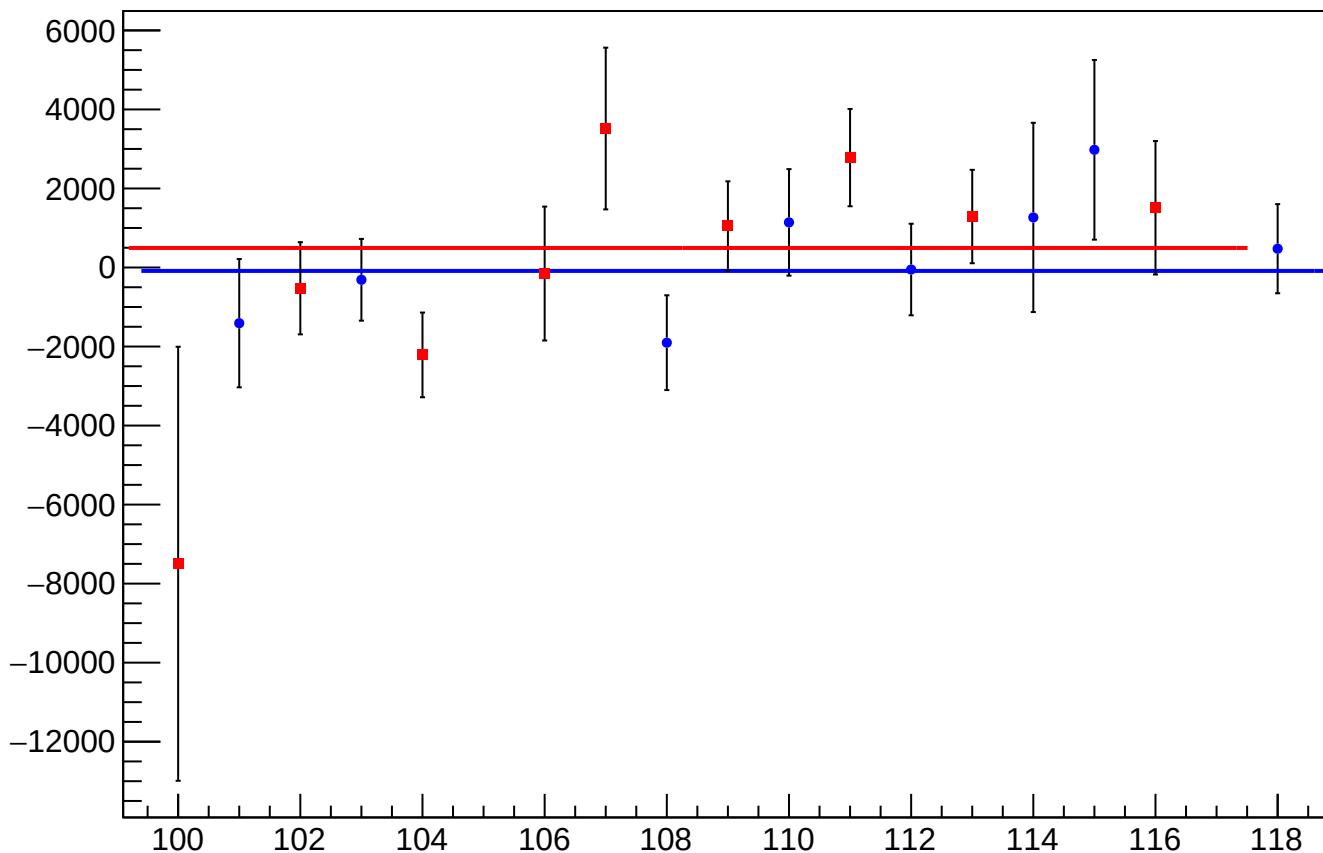
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.410+/-0.659 χ^2/NDF : 344293.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



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: 494.584 ± 459.265 χ^2/NDF : 16.1/8

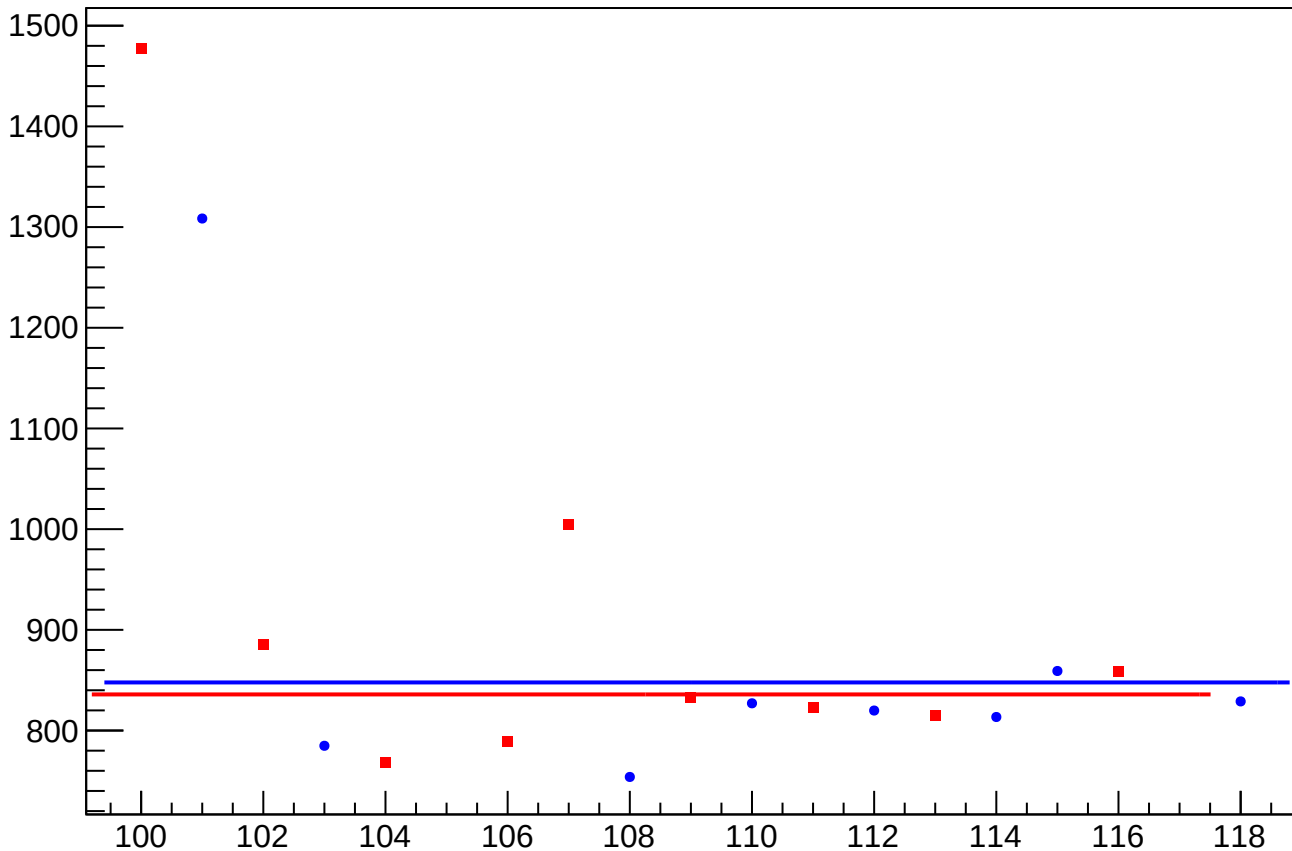
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 212.826 ± 329.684 χ^2/NDF : 23.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 847.762 $\pm$ 0.335 χ^2 /NDF: 183420.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 835.863 $\pm$ 0.321 χ^2 /NDF: 55734.3/8

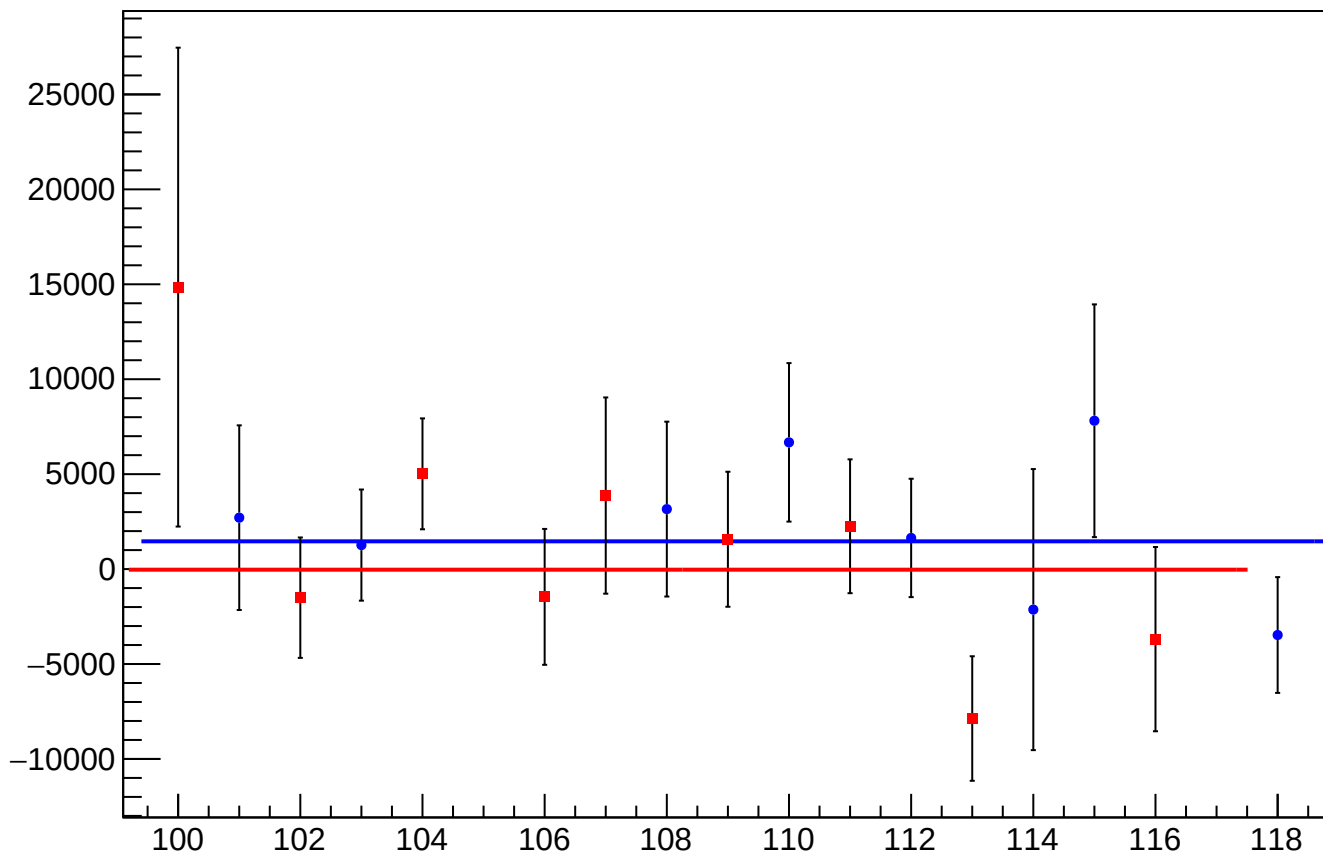
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 841.568 $\pm$ 0.232 χ^2 /NDF: 239812.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



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: -31.907+/-1256.346 χ^2/NDF : 12.2/8

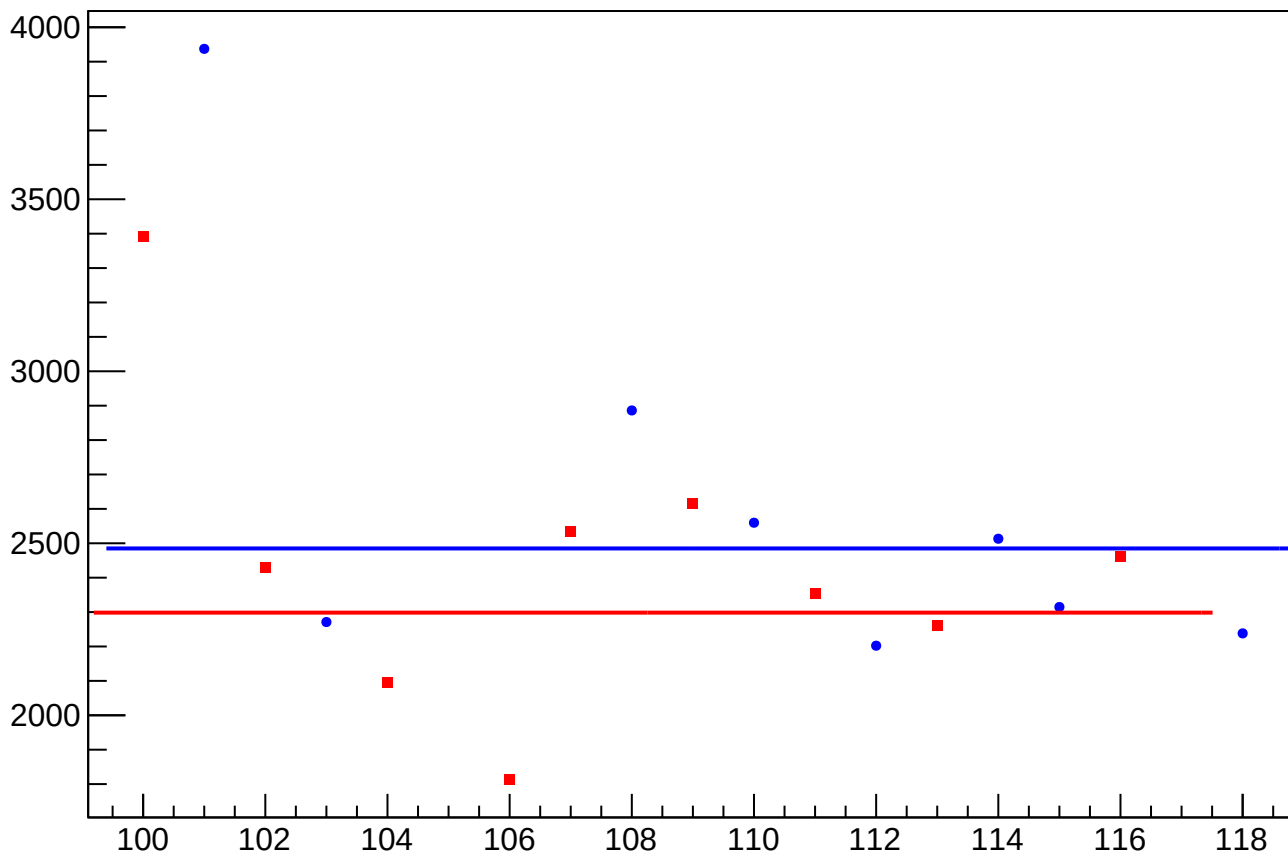
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.564+/-931.506 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



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: 2298.400+/-0.888 χ^2/NDF : 88380.2/8

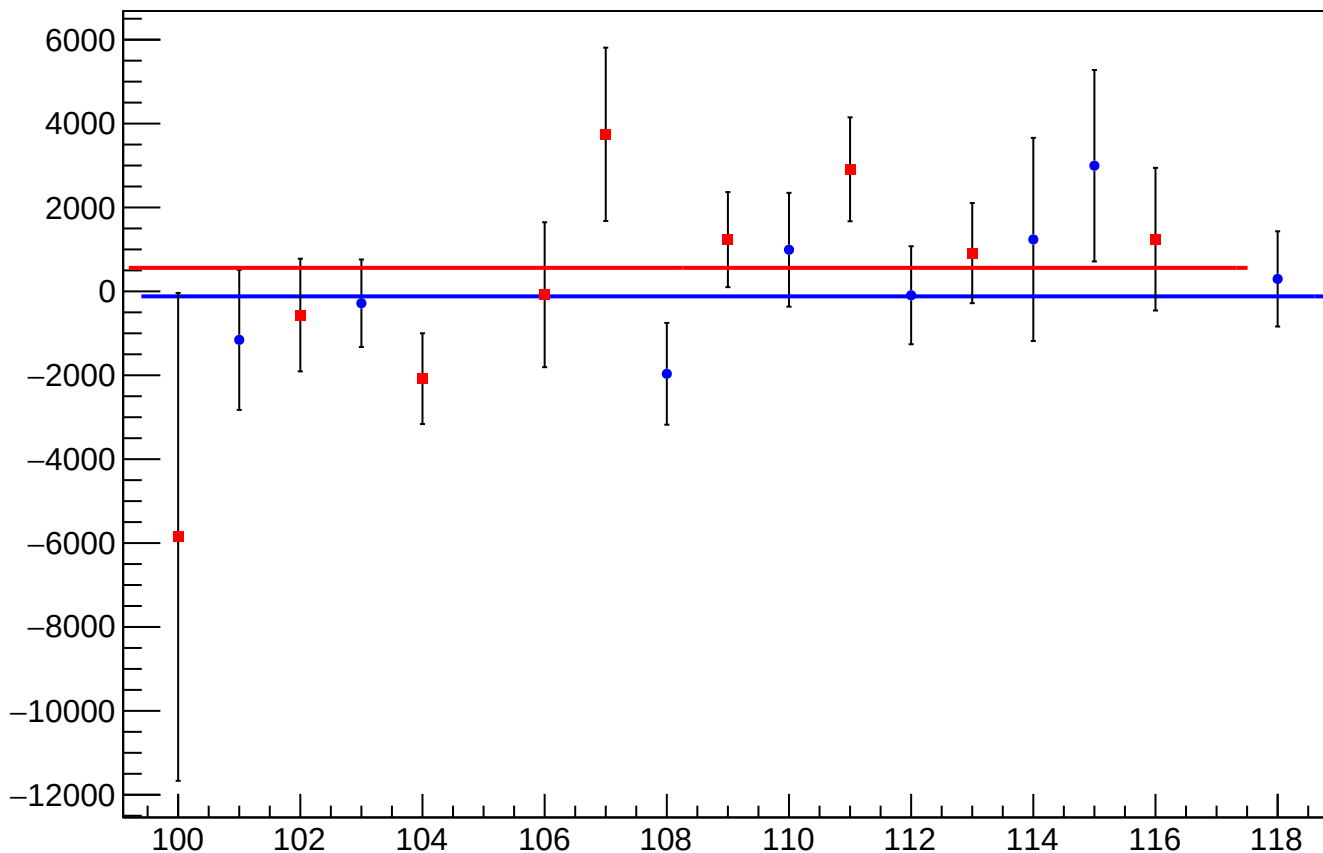
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.410+/-0.659 χ^2/NDF : 344293.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



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: 560.847 $\pm$ 472.192 χ^2 /NDF: 14.6/8

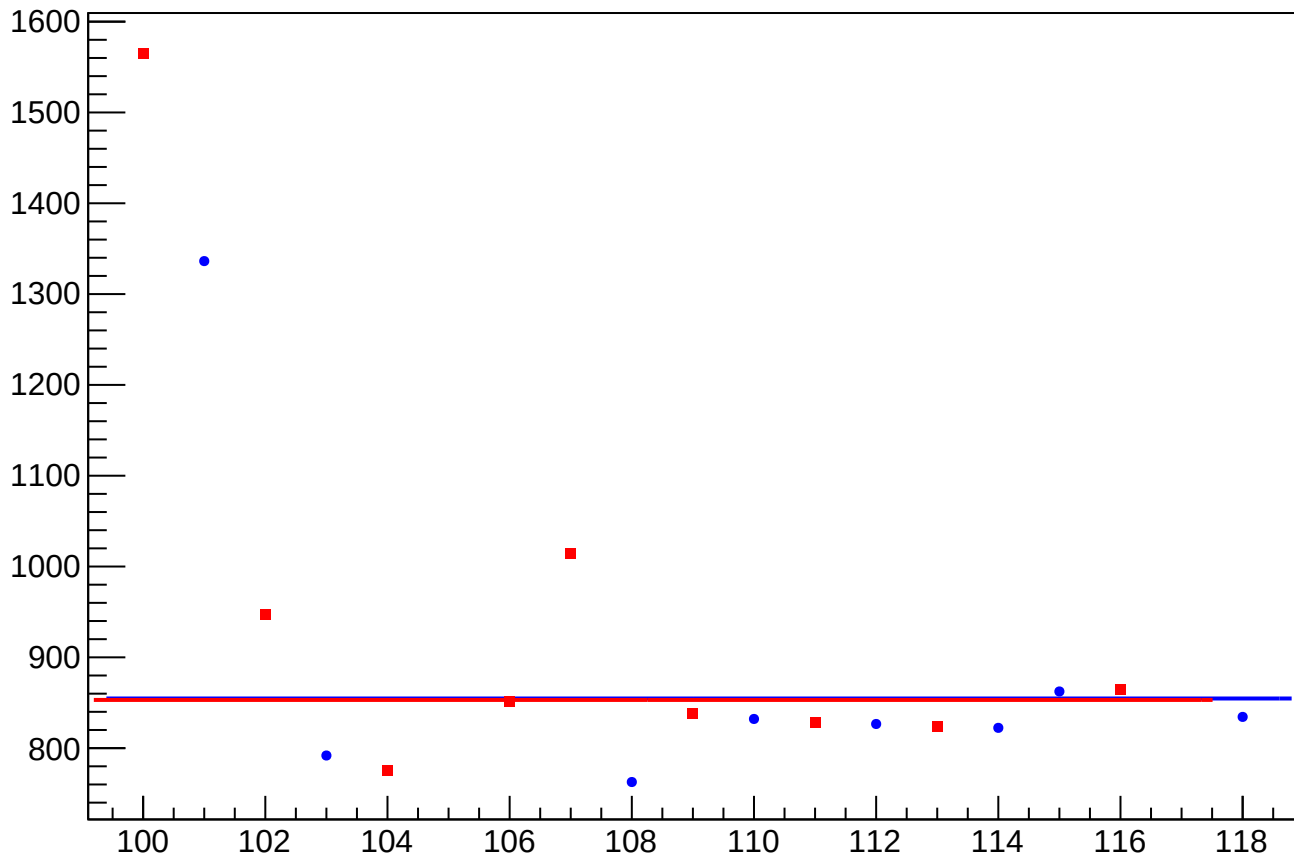
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.317 $\pm$ 336.020 χ^2 /NDF: 21.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



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: 853.099+/-0.333 χ^2/NDF : 64801.9/8

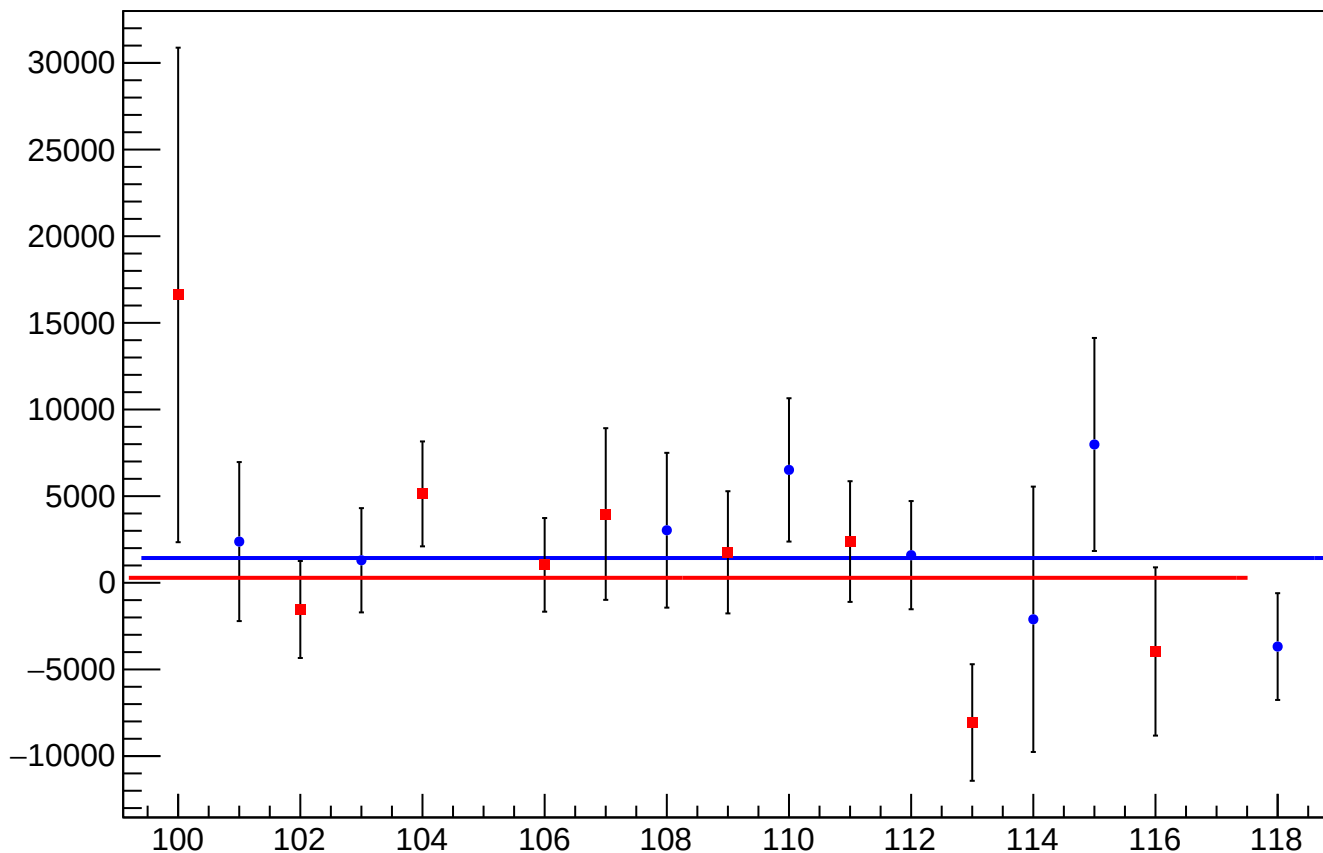
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.879+/-0.237 χ^2/NDF : 252640.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 1429.839 $\pm$ 1389.266 χ^2 /NDF: 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 287.307 $\pm$ 1184.129 χ^2 /NDF: 12.4/8

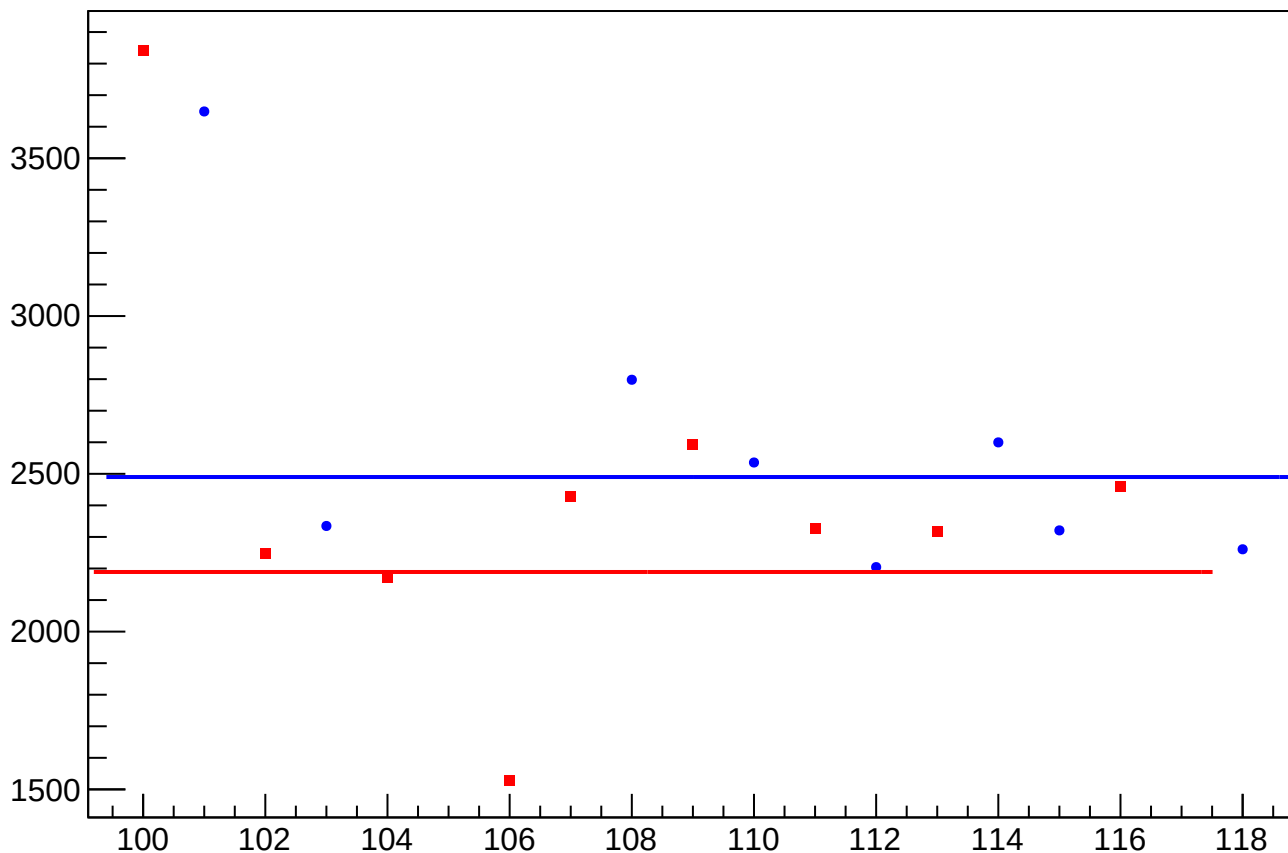
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 768.072 $\pm$ 901.192 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2489.890+/-0.982 χ^2/NDF : 172296.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

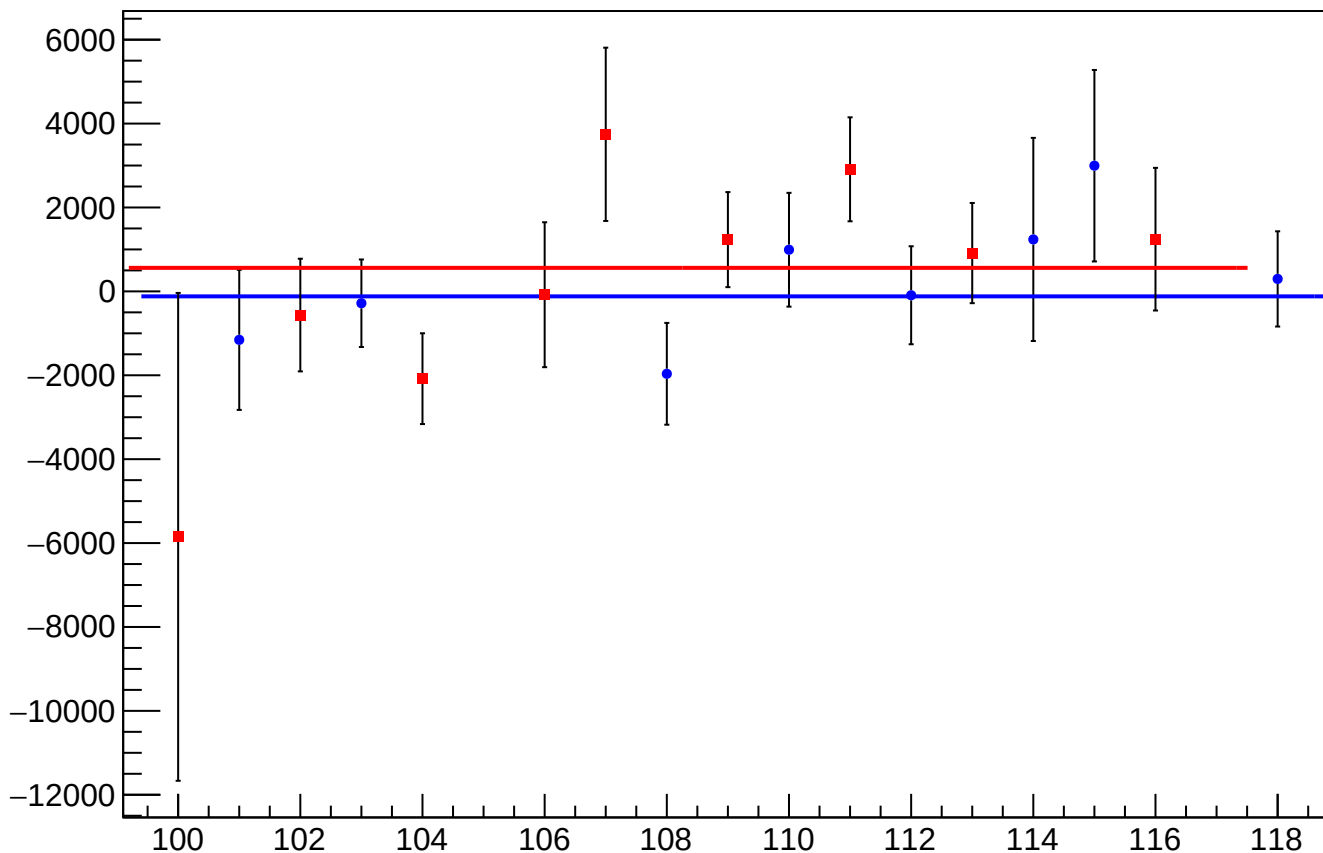
Right Out: 2188.945+/-0.837 χ^2/NDF : 190231.0/8

All: 2315.580+/-0.637 χ^2/NDF : 416886.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



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: 560.857+/-472.192 χ^2 /NDF: 14.6/8

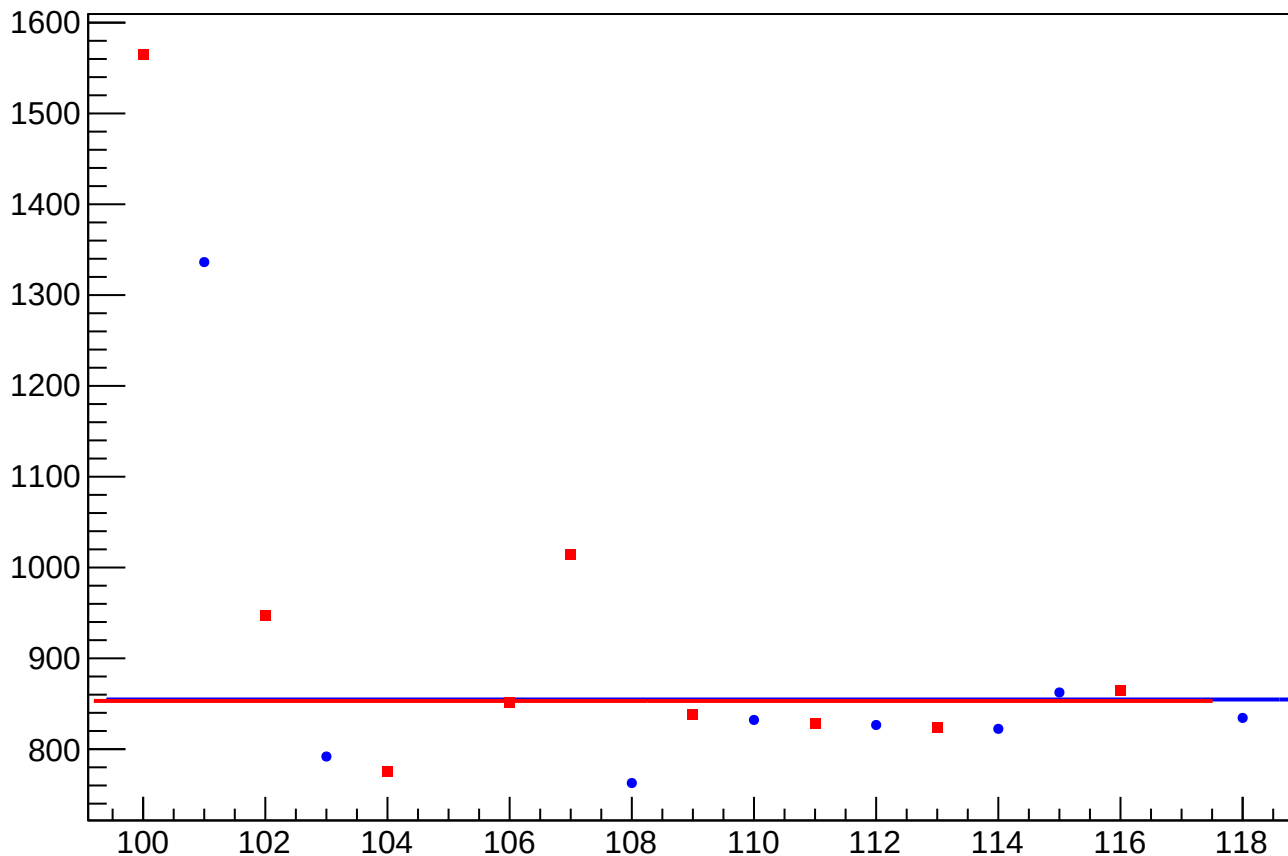
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 225.319+/-336.020 χ^2 /NDF: 21.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 854.682 $\pm$ 0.338 χ^2 /NDF: 187826.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 853.099 $\pm$ 0.333 χ^2 /NDF: 64801.9/8

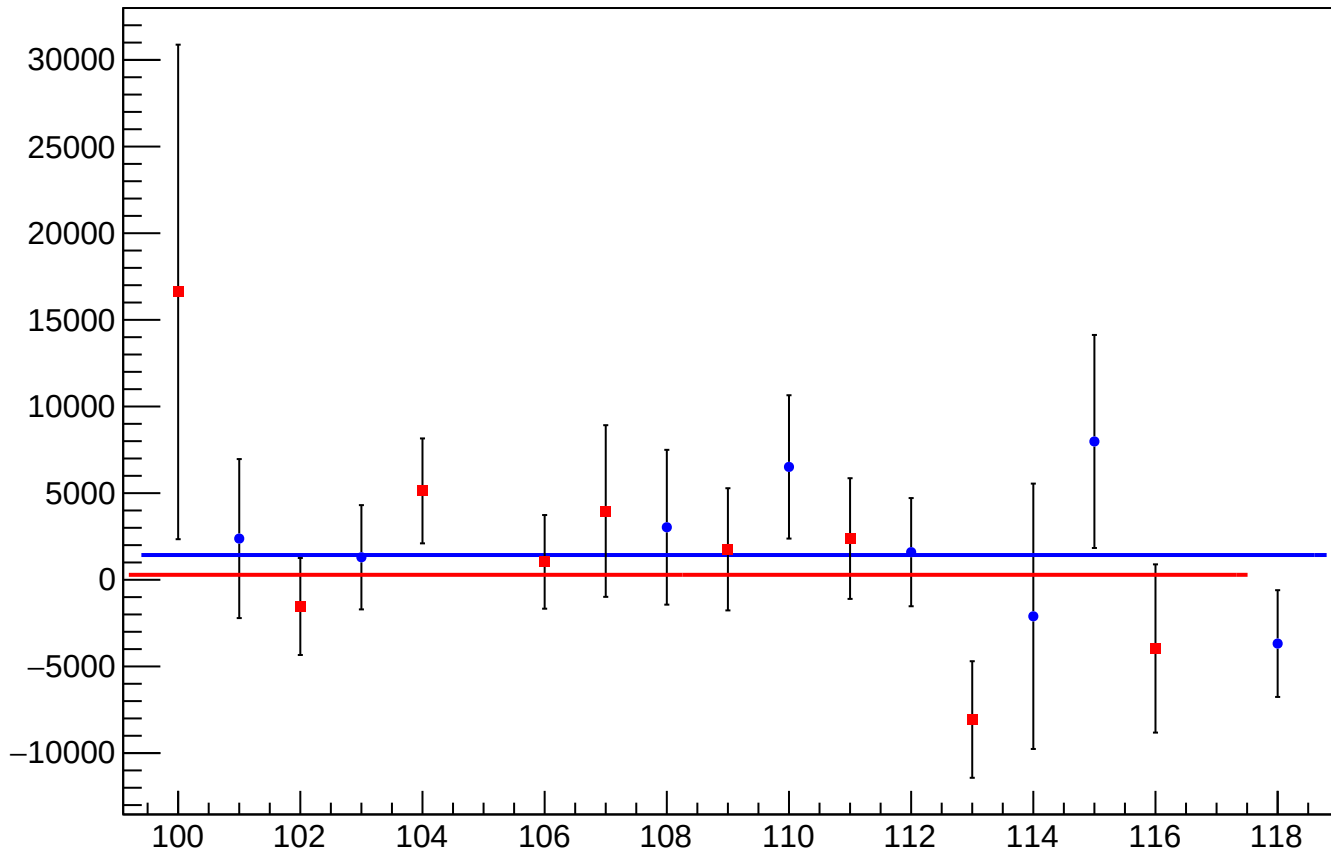
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 853.879 $\pm$ 0.237 χ^2 /NDF: 252639.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



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: 287.308+/-1184.126 χ^2/NDF : 12.4/8

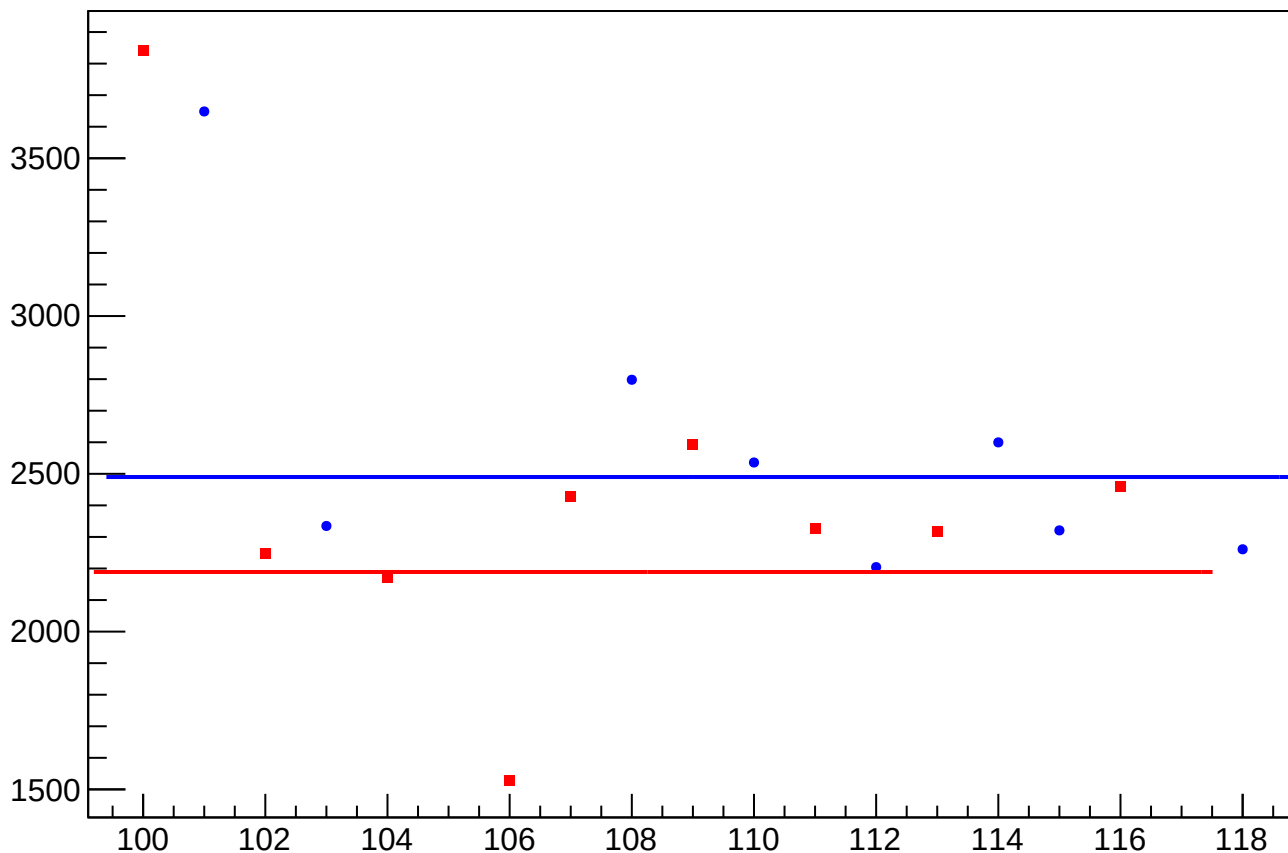
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 768.069+/-901.190 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2489.881 $\pm$ 0.982 χ^2 /NDF: 172297.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2188.940 $\pm$ 0.837 χ^2 /NDF: 190233.0/8

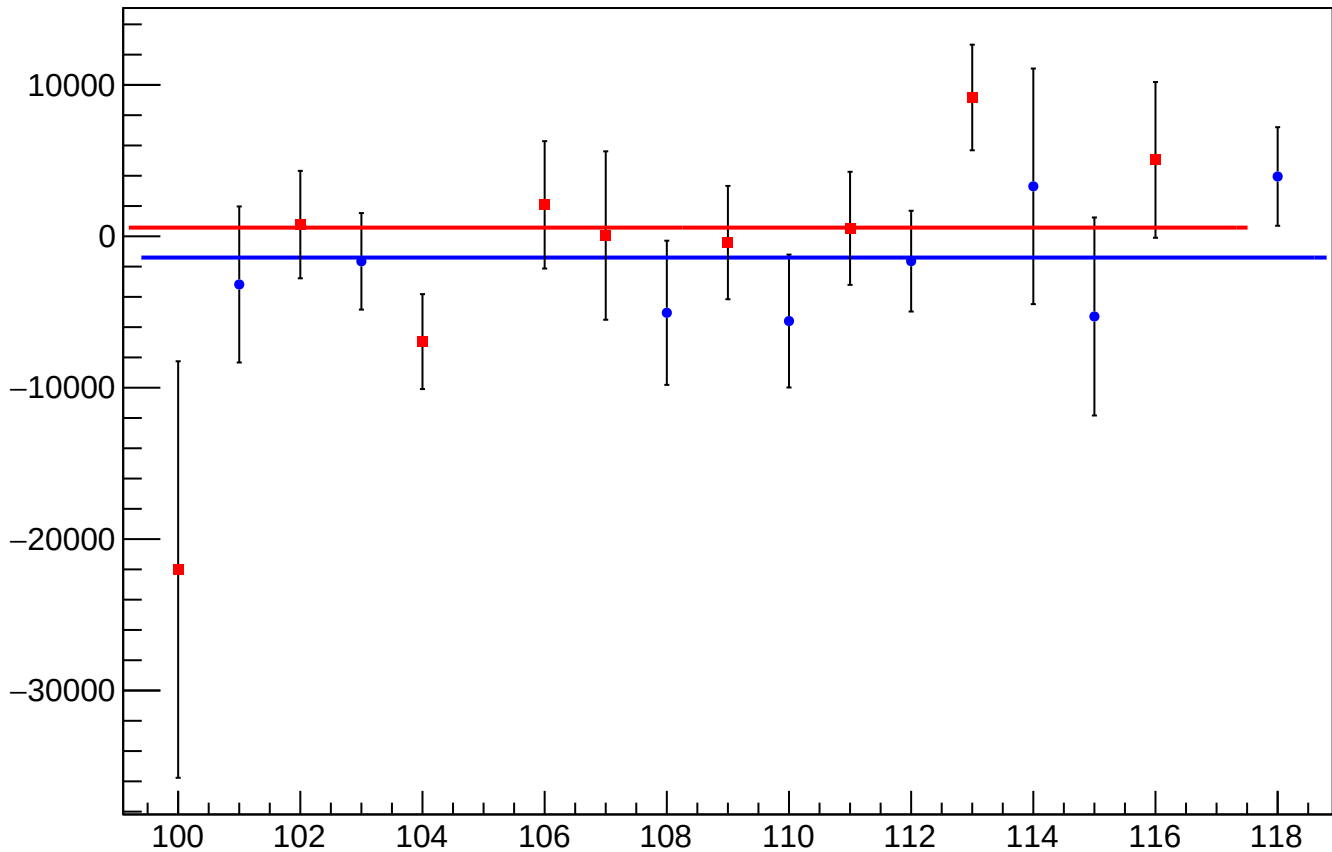
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2315.573 $\pm$ 0.637 χ^2 /NDF: 416888.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



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: 574.971+/-1362.801 χ^2/NDF : 15.5/8

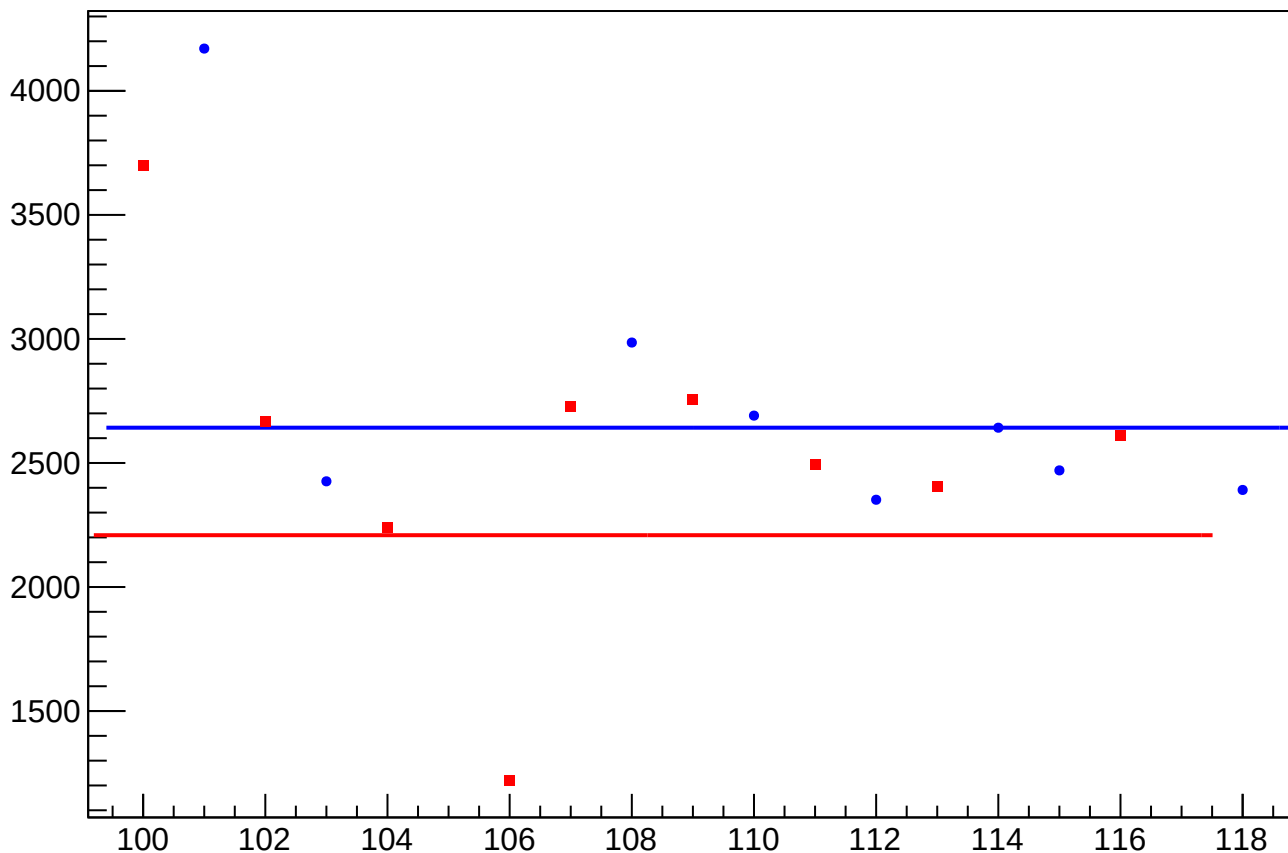
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -332.736+/-1002.481 χ^2/NDF : 21.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_rms vs Slug



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: 2208.876 $\pm$ 0.885 χ^2 /NDF: 454475.8/8

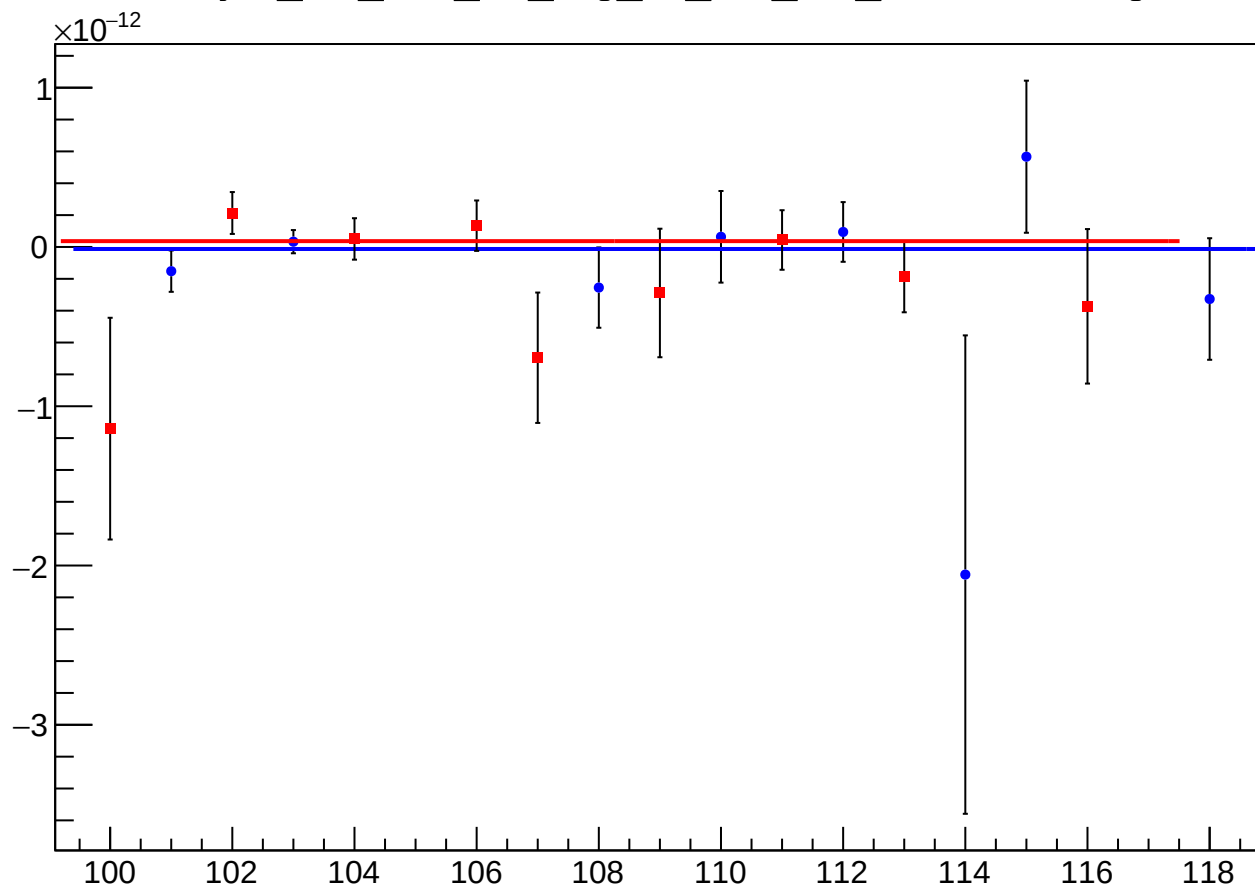
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2389.520 $\pm$ 0.676 χ^2 /NDF: 778716.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



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 : 10.6/8

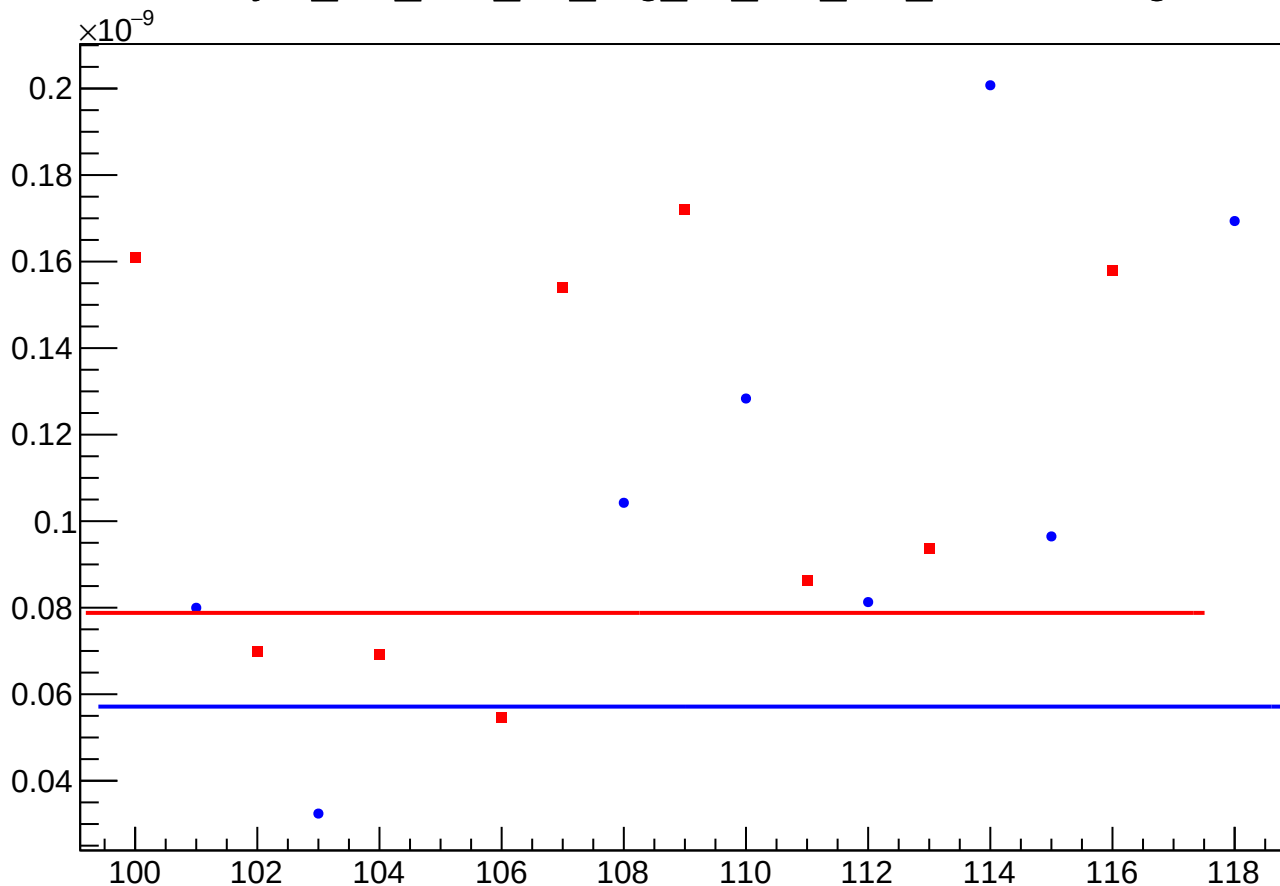
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



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 : 334640.6/8

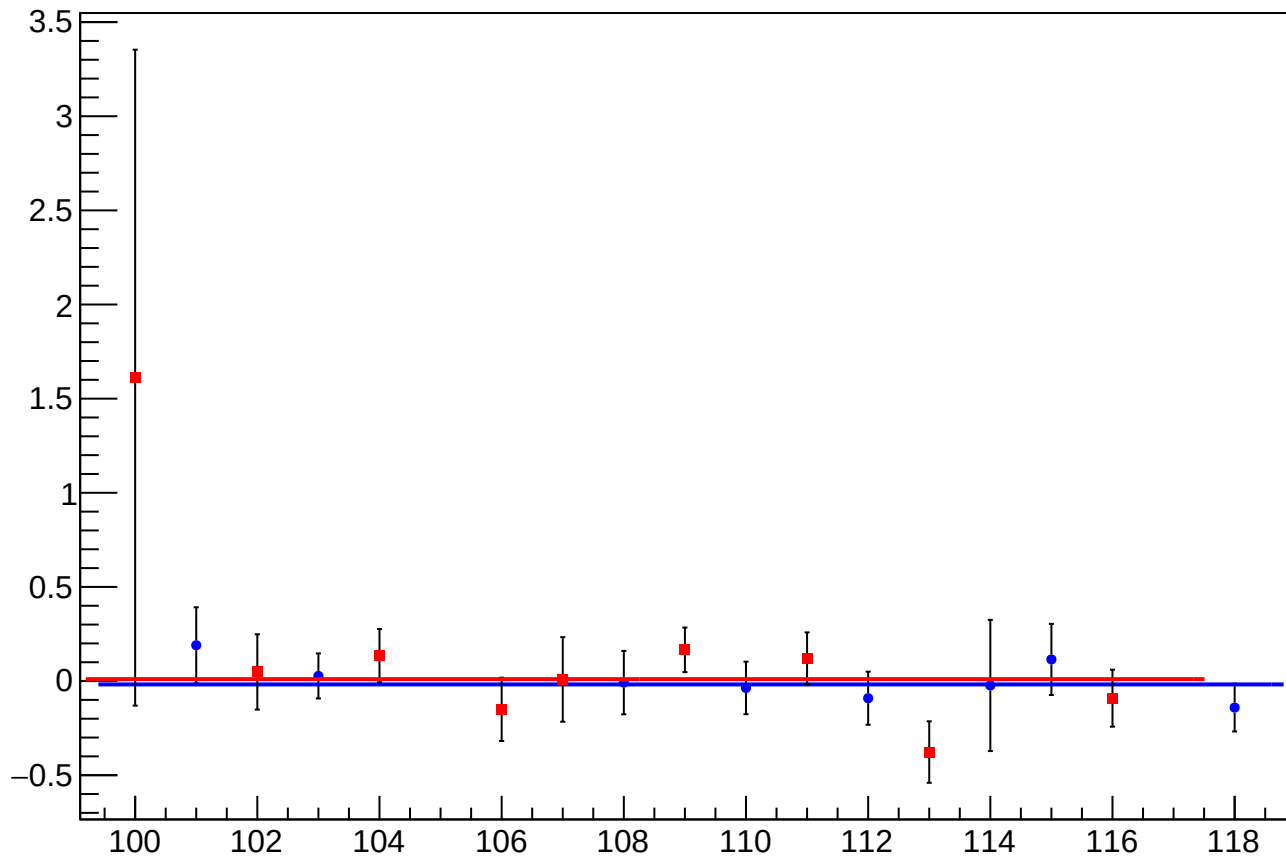
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1180166.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



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: 0.010 ± 0.055 χ^2/NDF : 11.0/8

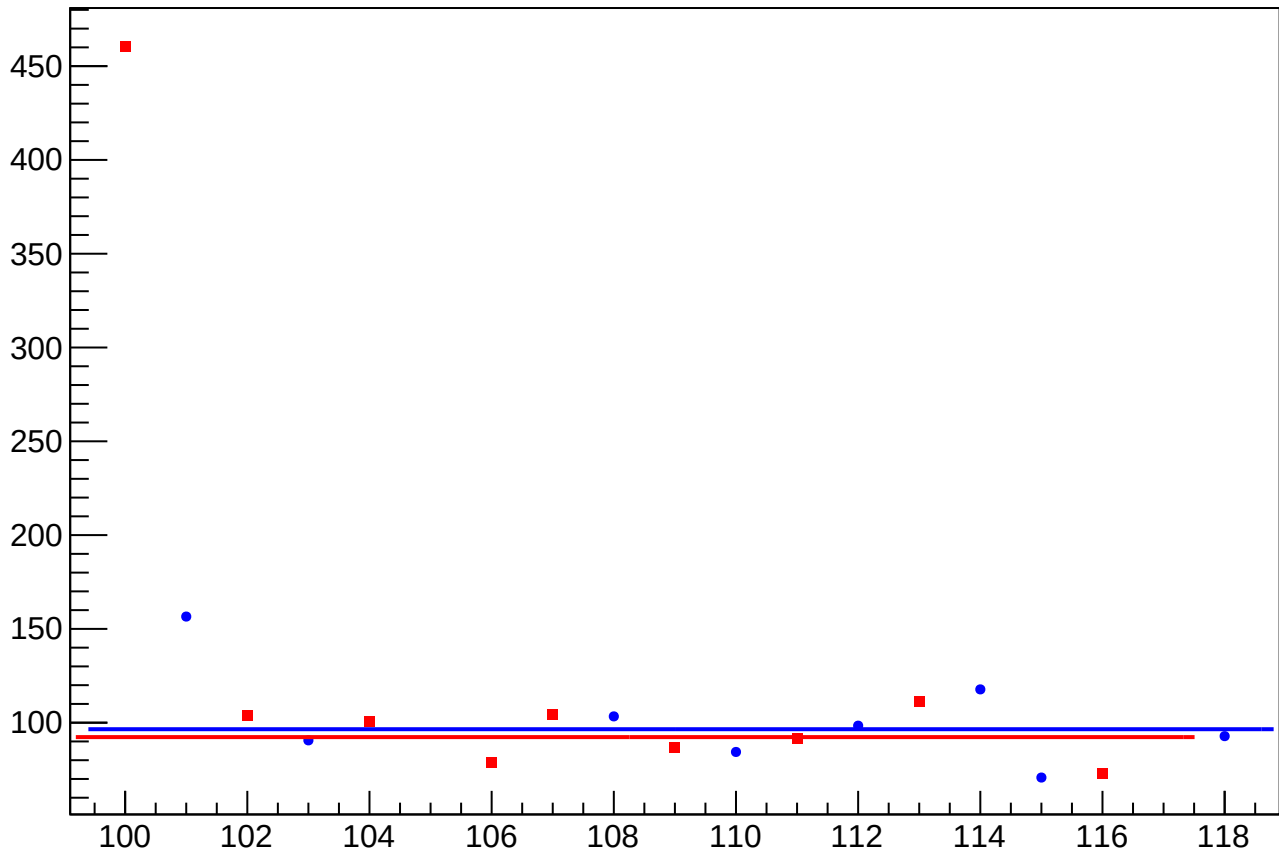
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.039 χ^2/NDF : 14.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



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: 92.315+/-0.039 χ^2/NDF : 184589.6/8

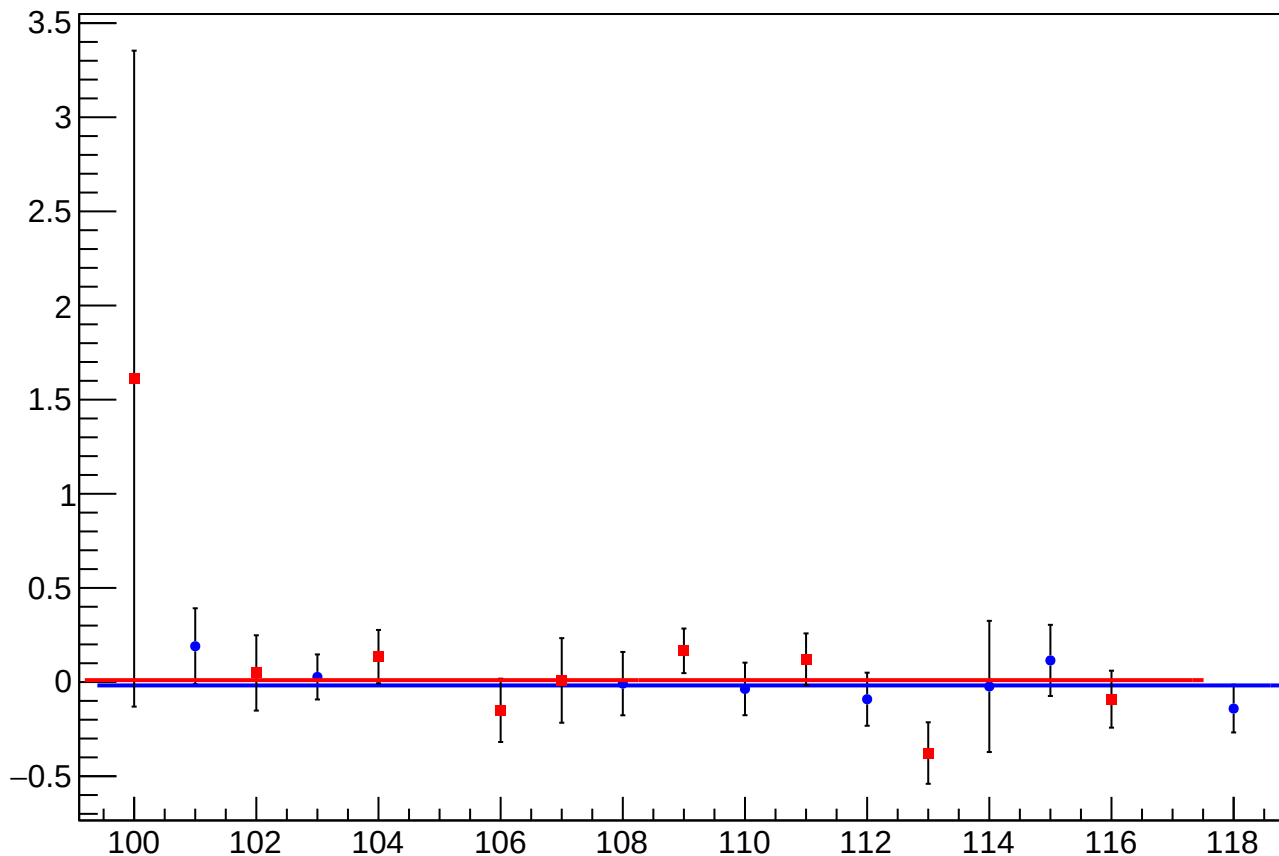
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.403+/-0.027 χ^2/NDF : 437979.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.055 χ^2 /NDF: 2.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.055 χ^2 /NDF: 11.0/8

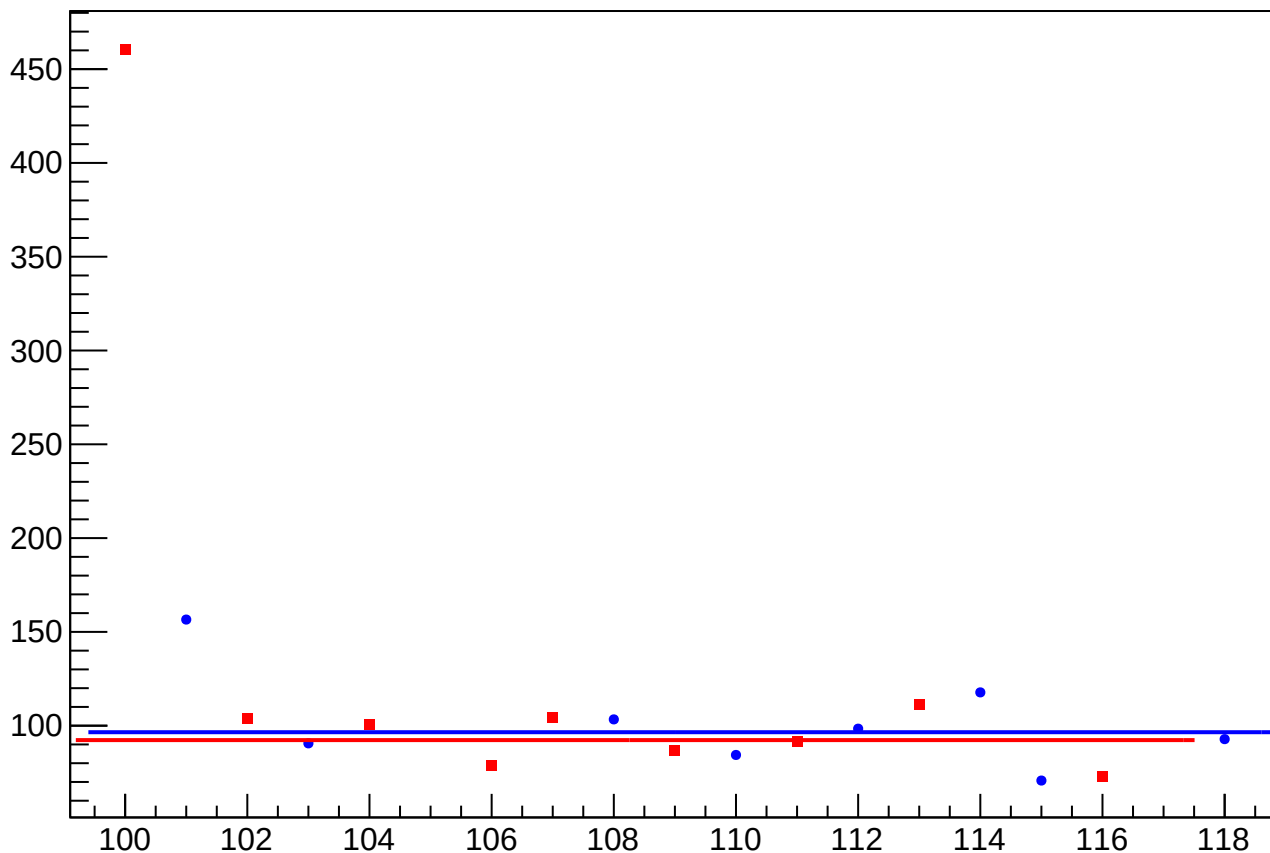
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.039 χ^2 /NDF: 14.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 92.315+/-0.039 χ^2/NDF : 184589.6/8

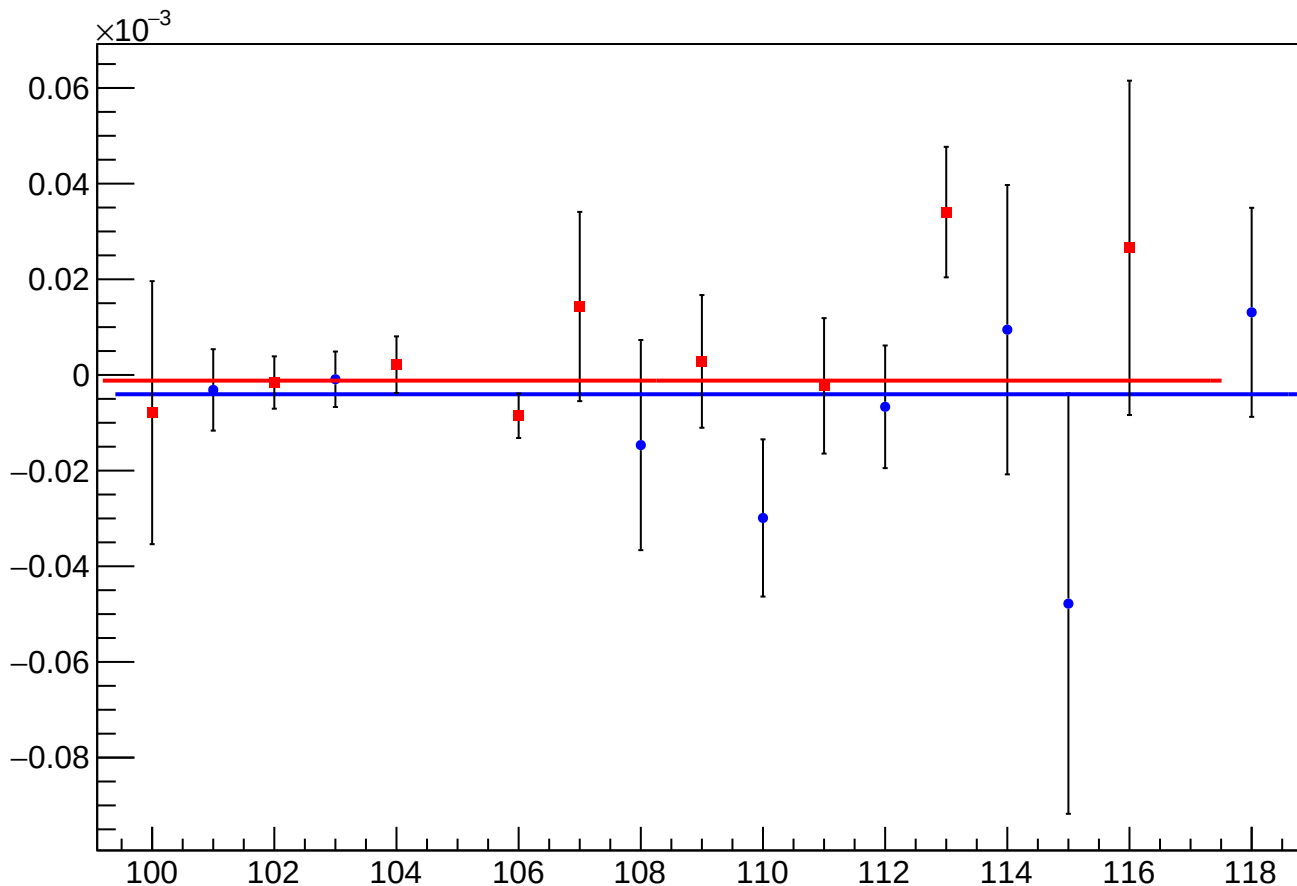
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.403+/-0.027 χ^2/NDF : 437979.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 10.9/8

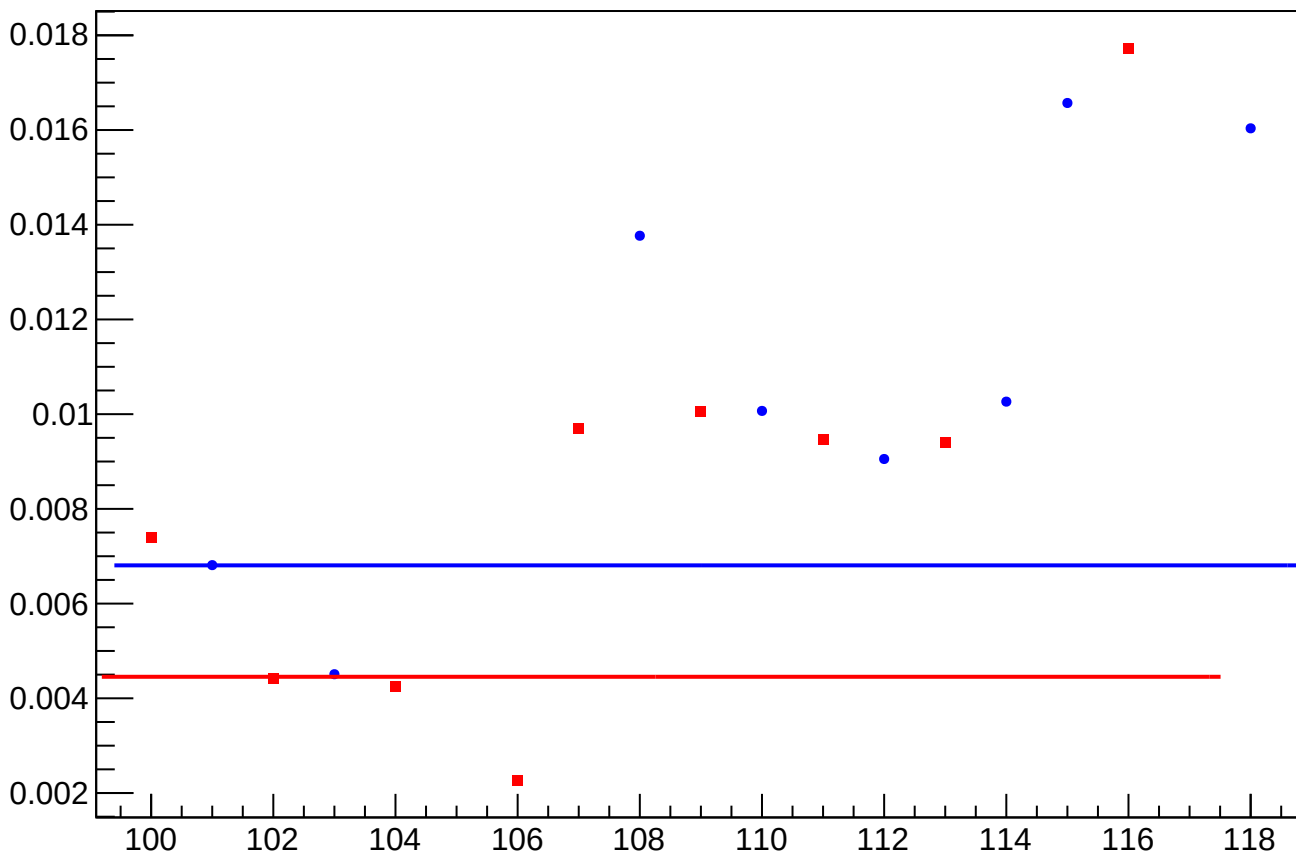
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.004+/-0.000 χ^2/NDF : 1737718.8/8

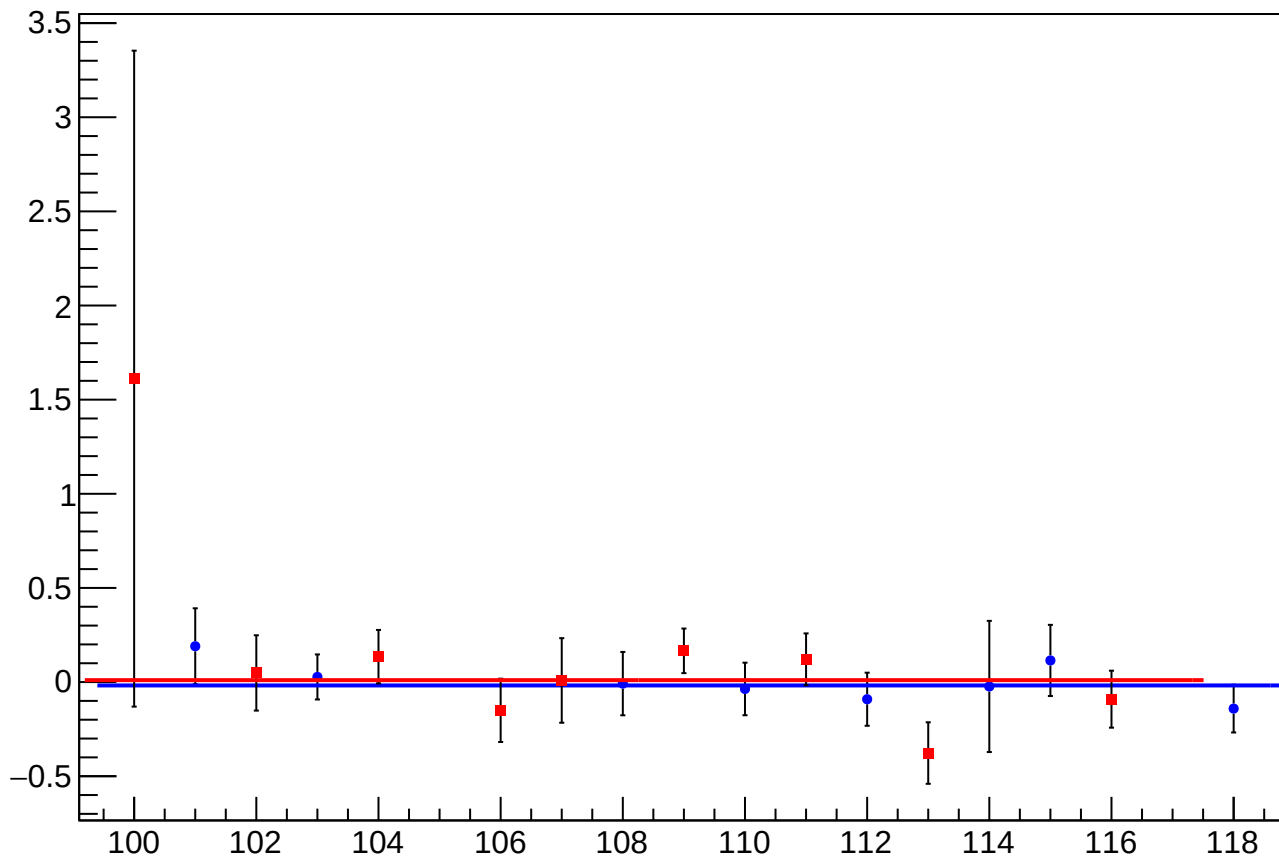
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3322755.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.055 χ^2 /NDF: 2.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.055 χ^2 /NDF: 11.0/8

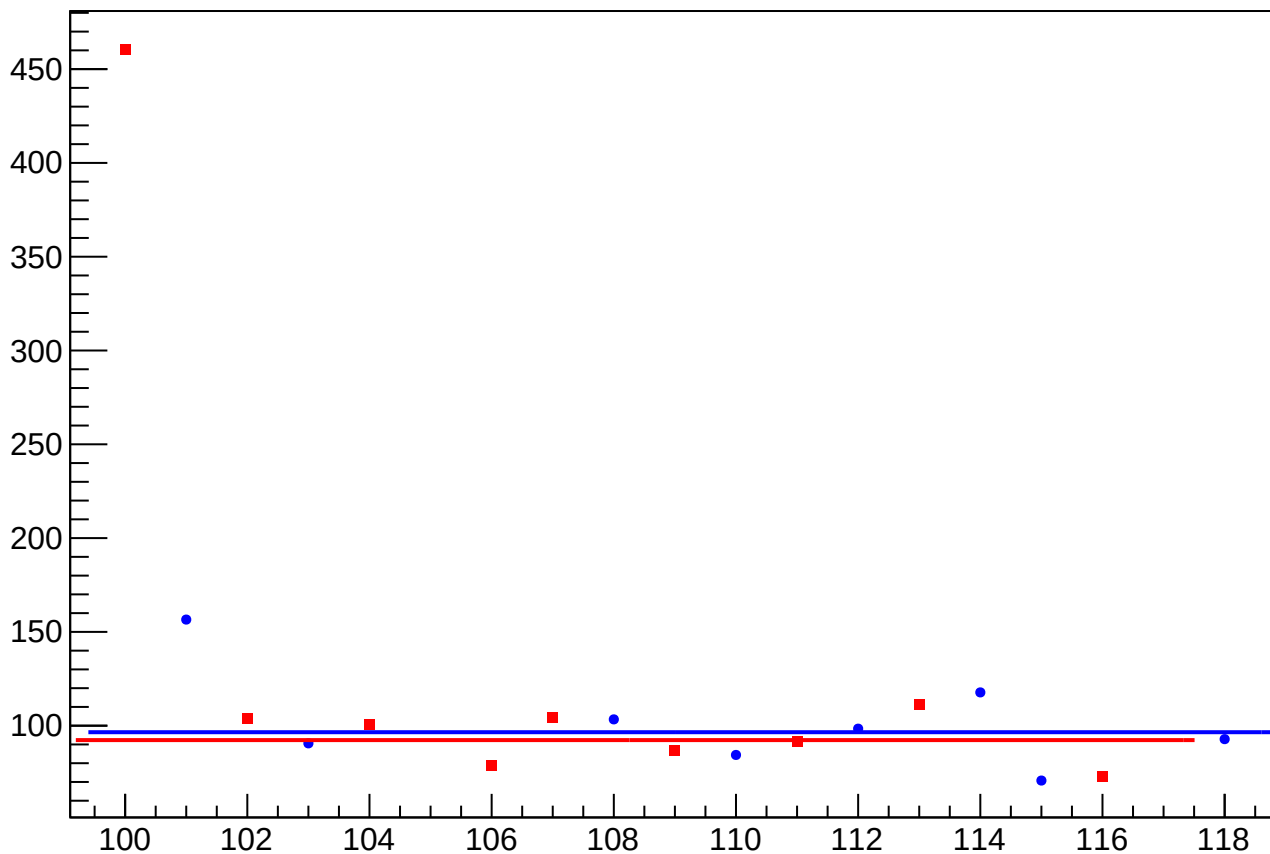
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.039 χ^2 /NDF: 14.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 92.318+/-0.039 χ^2/NDF : 184544.1/8

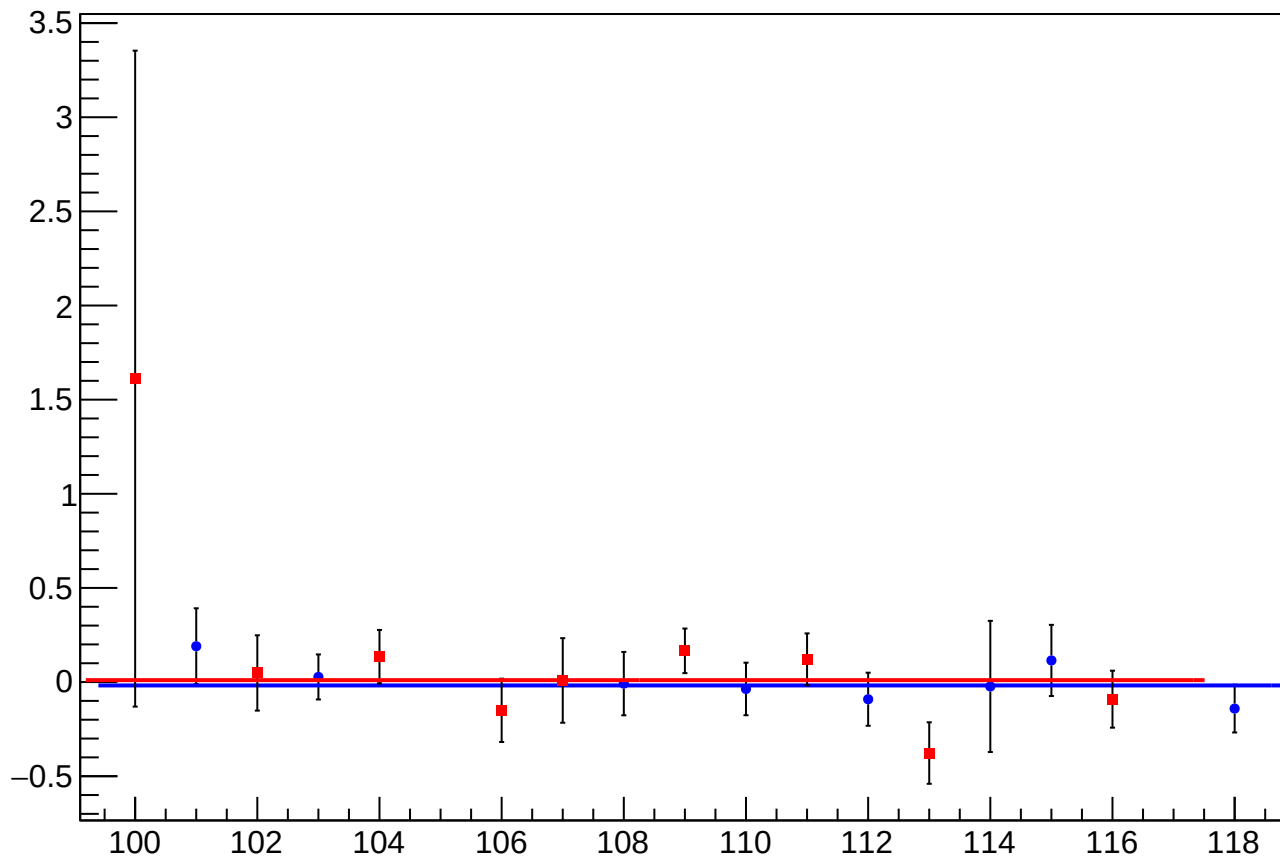
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.405+/-0.027 χ^2/NDF : 437907.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.055 χ^2 /NDF: 2.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.055 χ^2 /NDF: 11.0/8

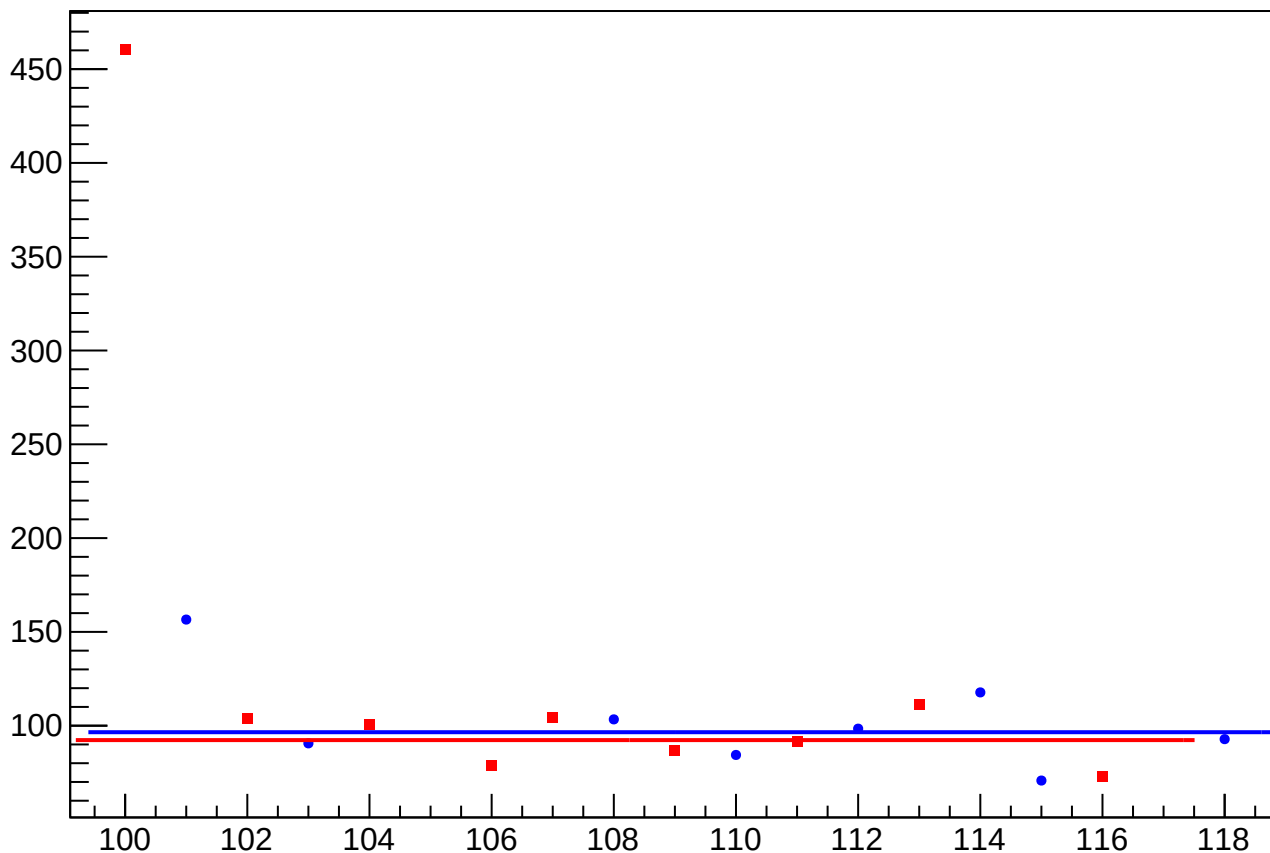
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.039 χ^2 /NDF: 14.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 96.527 $\pm$ 0.039 χ^2 /NDF: 247471.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.318 $\pm$ 0.039 χ^2 /NDF: 184544.1/8

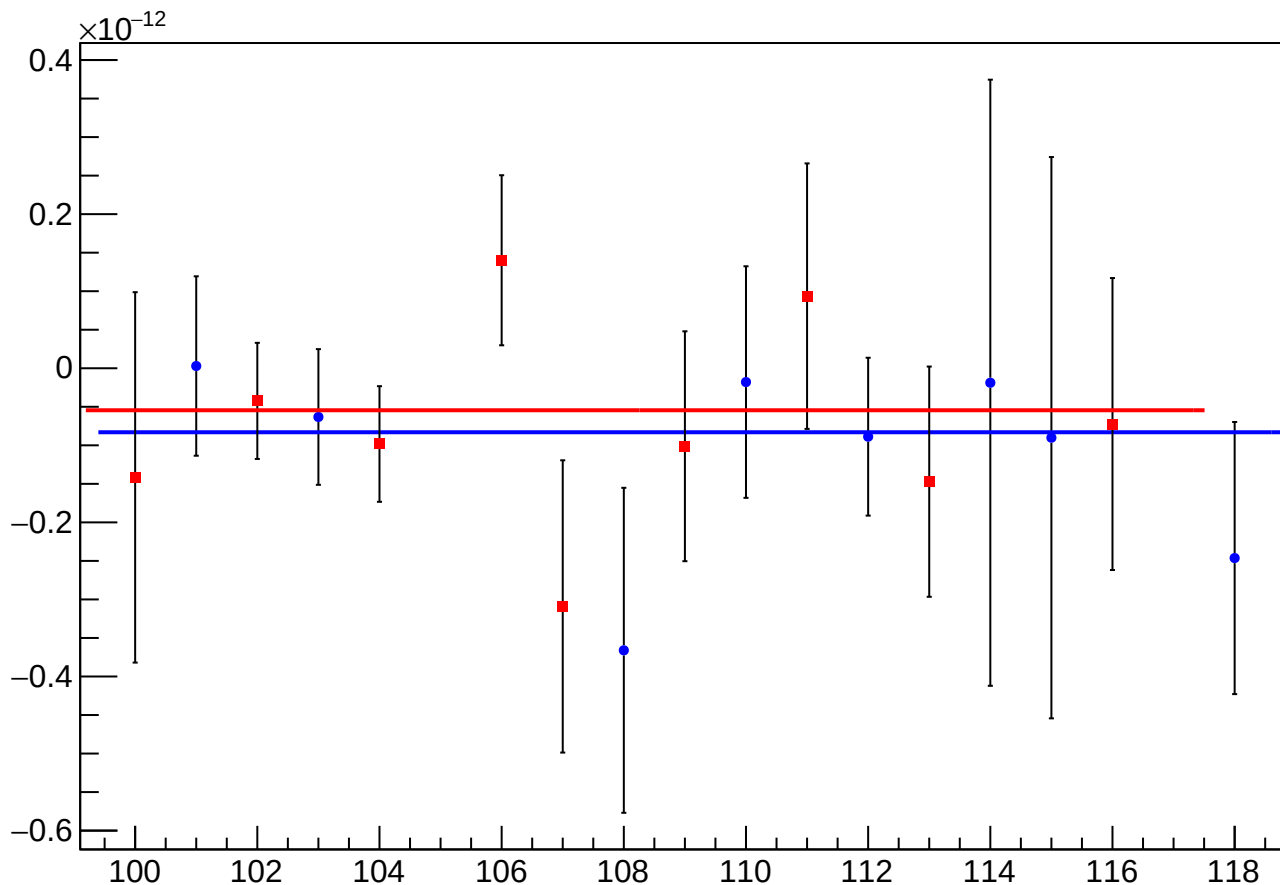
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.405 $\pm$ 0.027 χ^2 /NDF: 437907.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 6.6/8

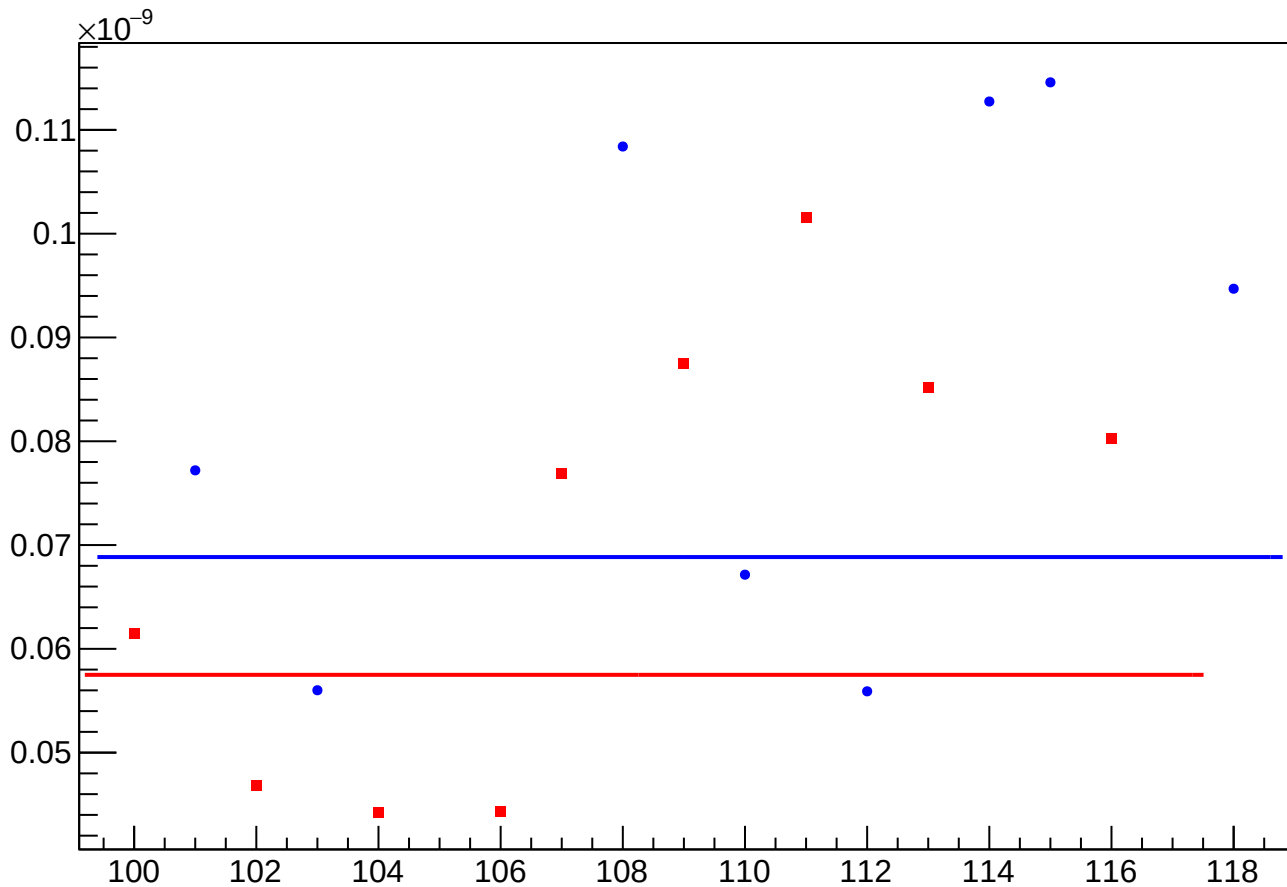
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 461142.3/8

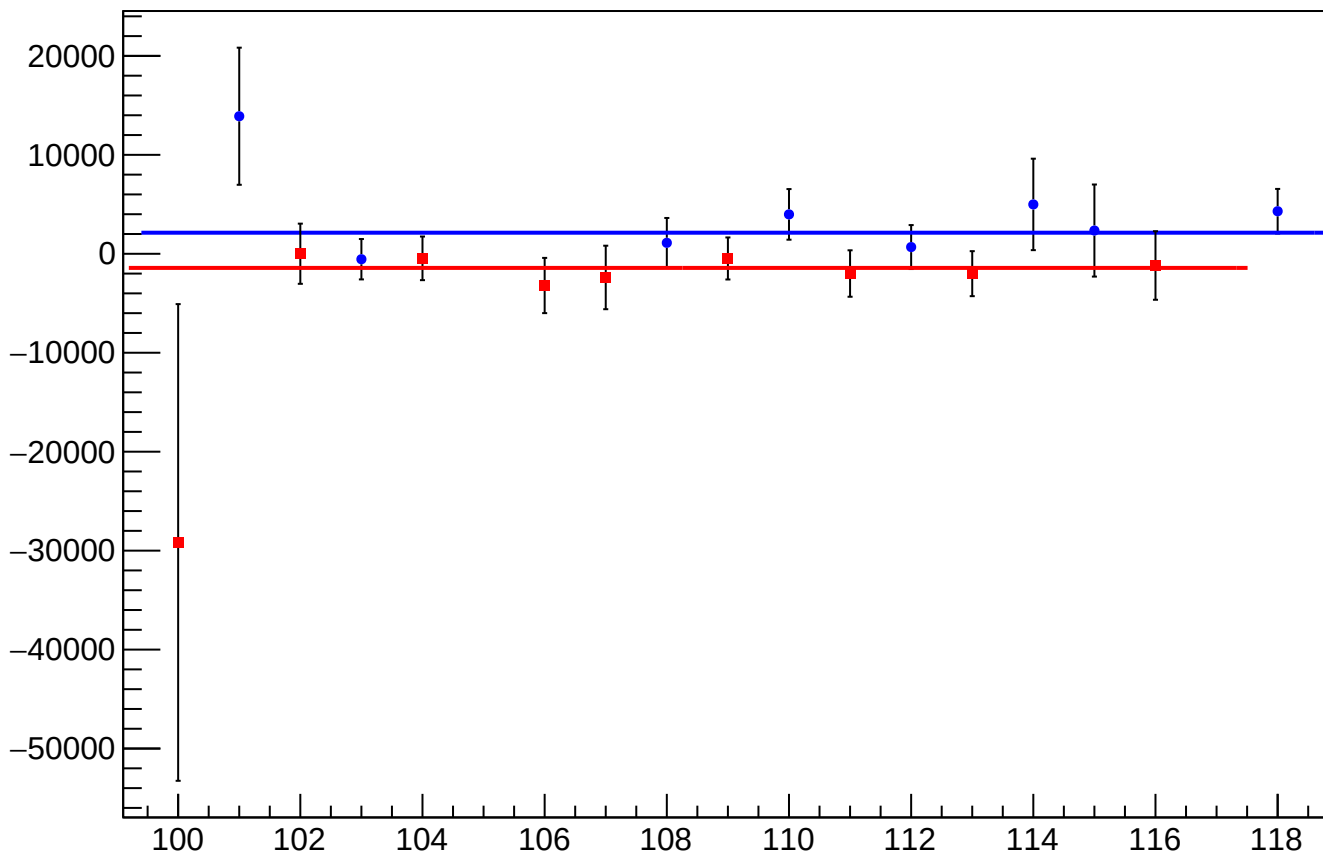
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 779941.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



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: -1426.259+/-905.043 χ^2/NDF : 2.6/8

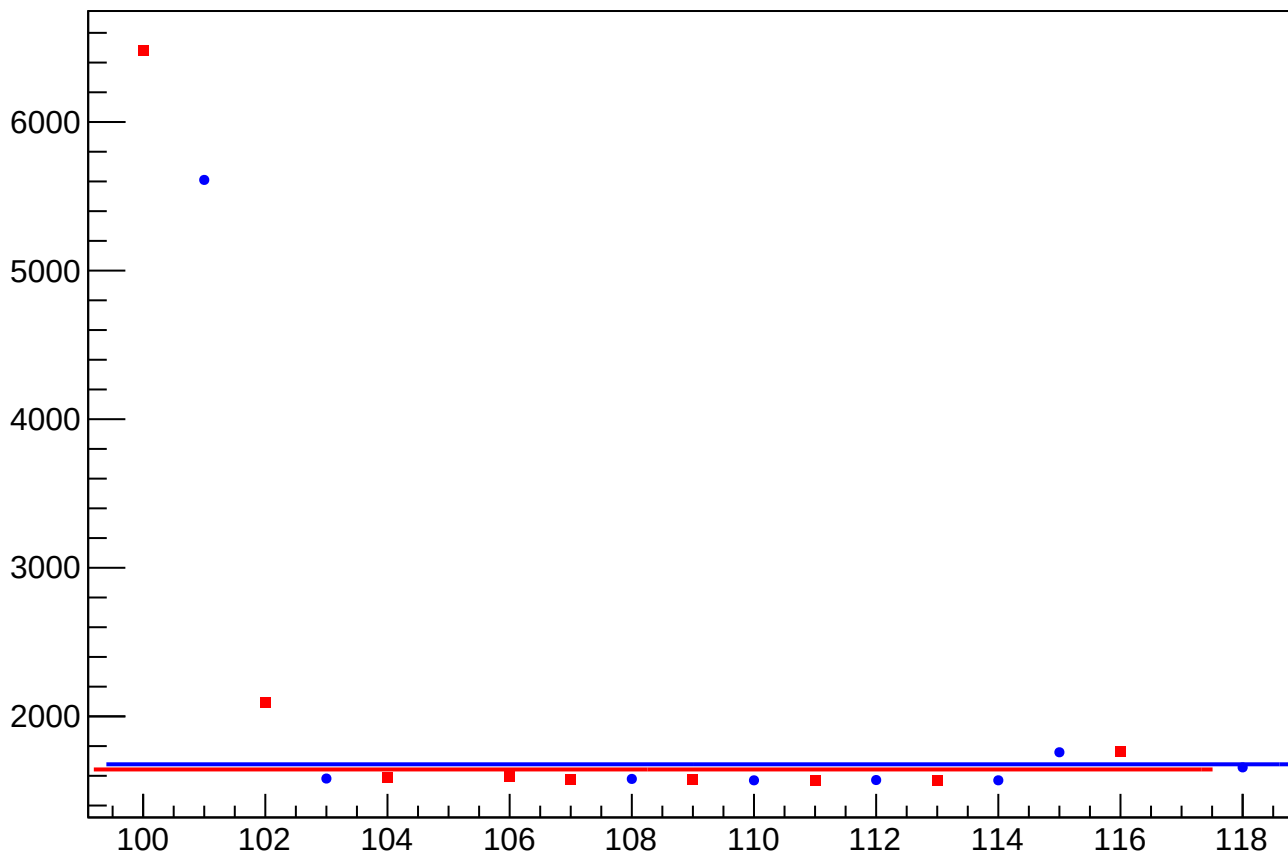
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 231.069+/-661.446 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



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: 1642.775+/-0.640 χ^2/NDF : 136336.2/8

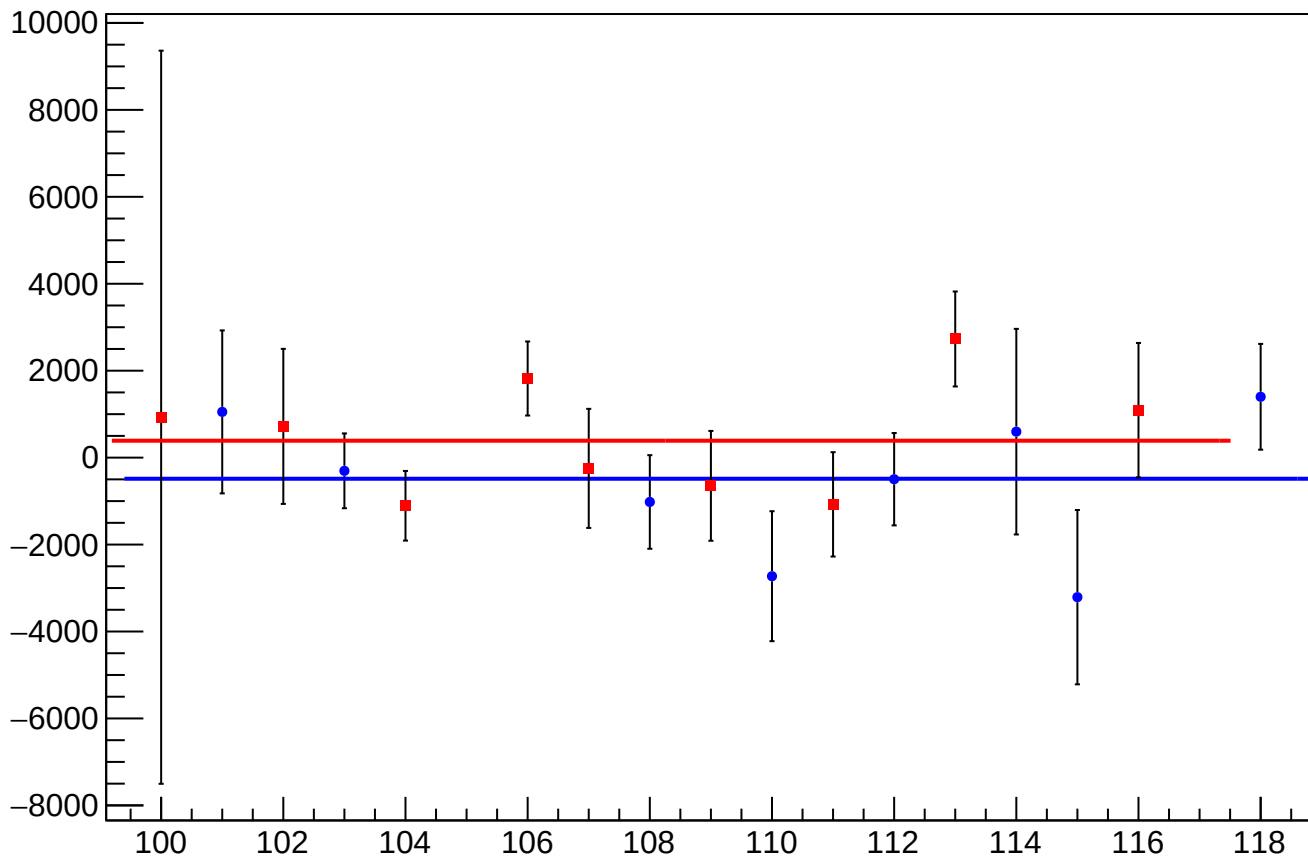
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1658.937+/-0.468 χ^2/NDF : 799489.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



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: 389.254+/-396.066 χ^2/NDF : 13.5/8

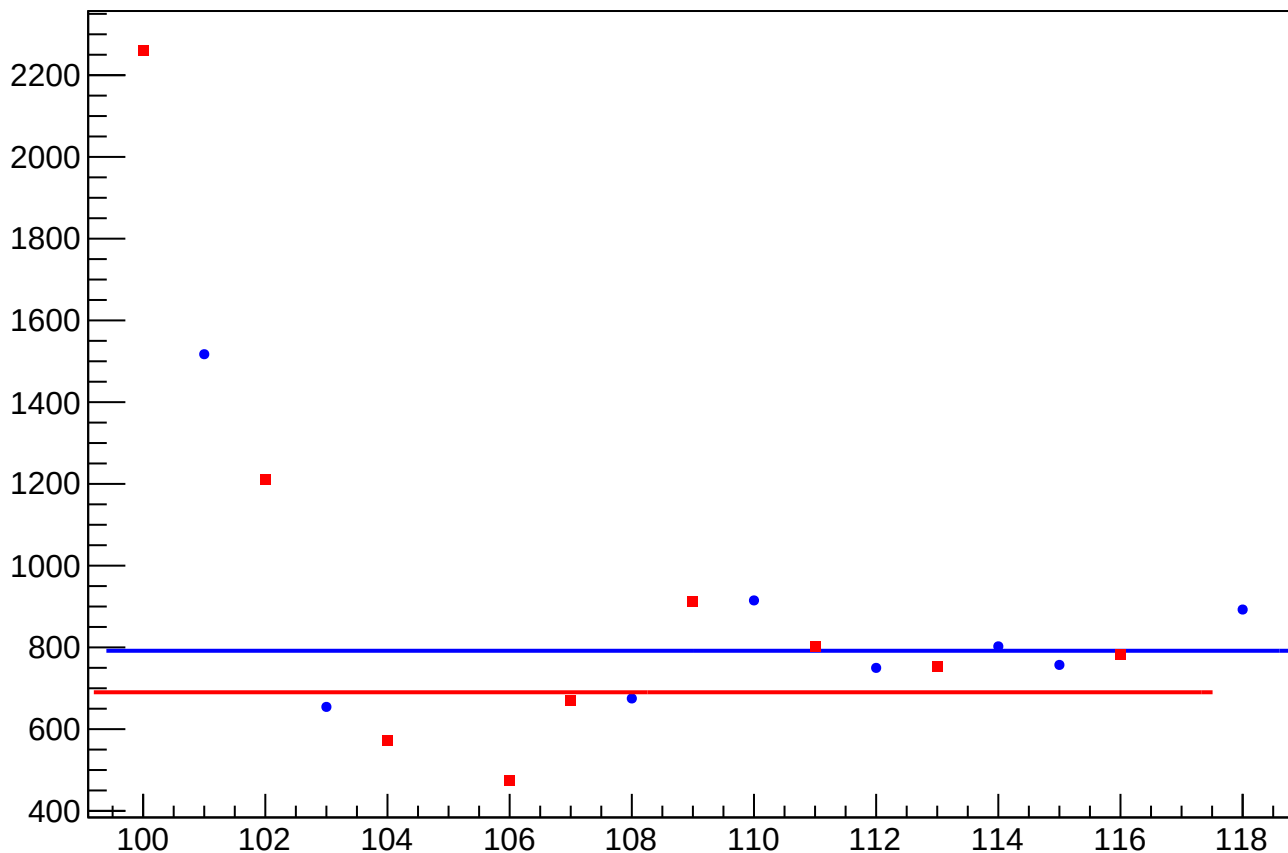
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.474+/-297.366 χ^2/NDF : 23.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



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: 690.218+/-0.280 χ^2/NDF : 504645.7/8

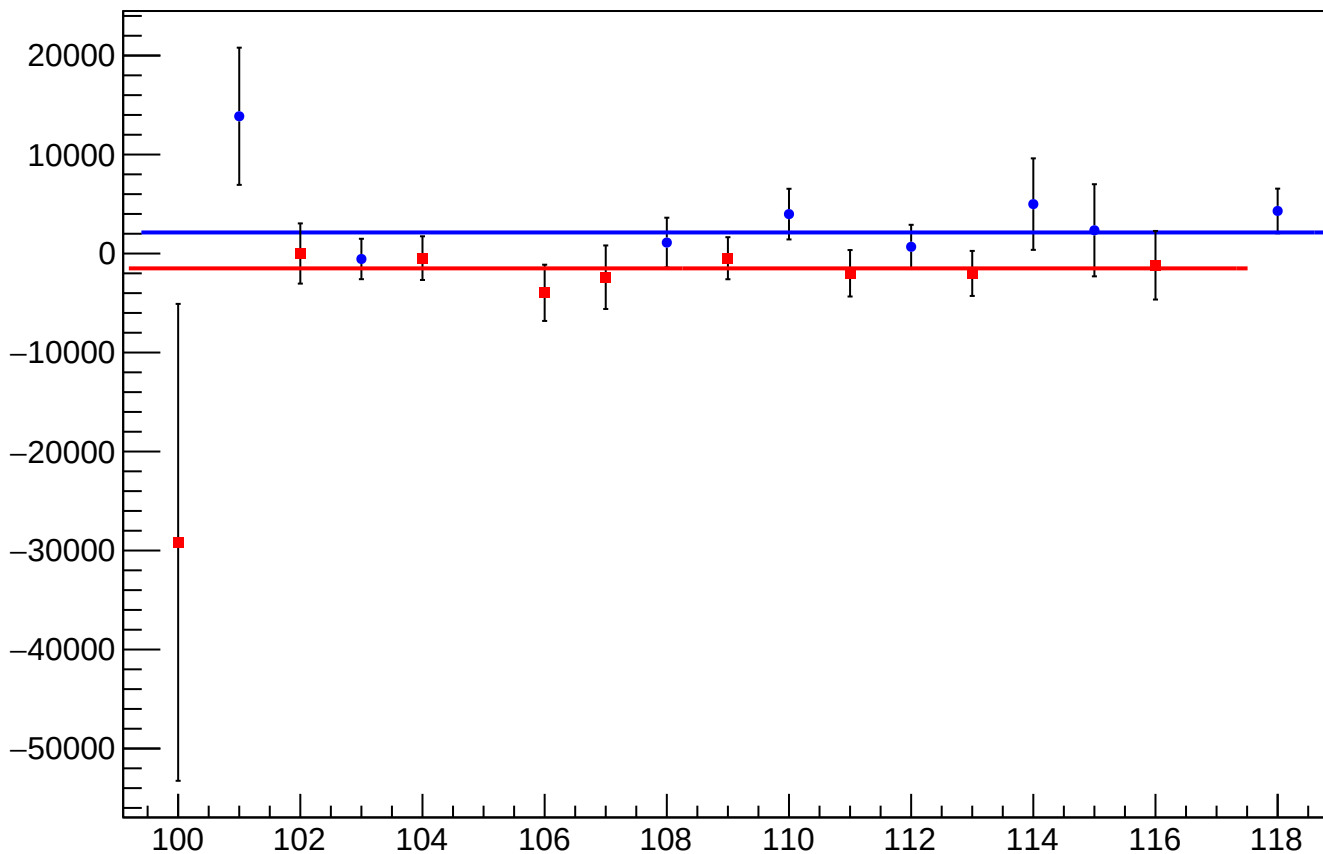
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 734.515+/-0.210 χ^2/NDF : 967139.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2130.151 $\pm$ 969.090 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1498.462 $\pm$ 906.685 χ^2 /NDF: 3.0/8

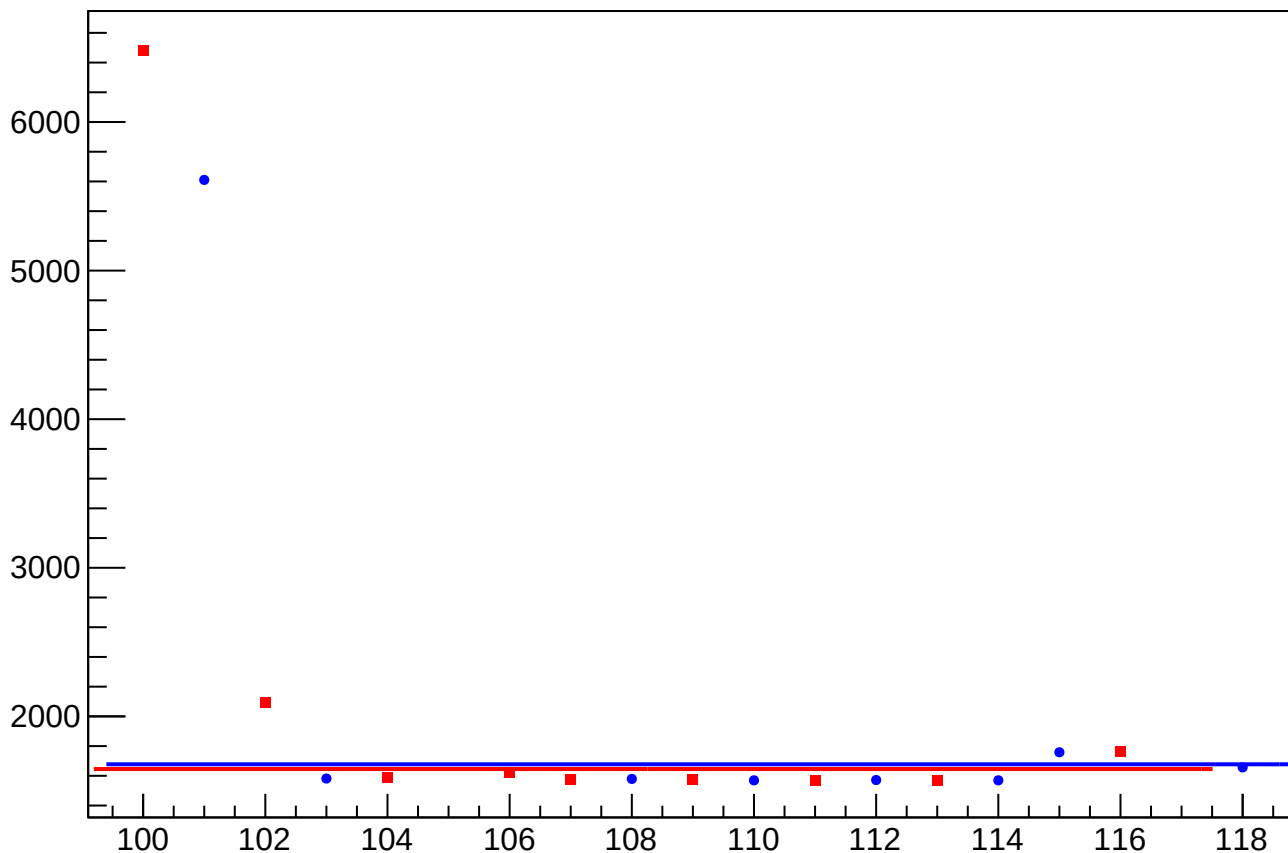
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.257 $\pm$ 662.086 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1677.468 $\pm$ 0.685 χ^2 /NDF: 661784.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1645.653 $\pm$ 0.641 χ^2 /NDF: 135819.6/8

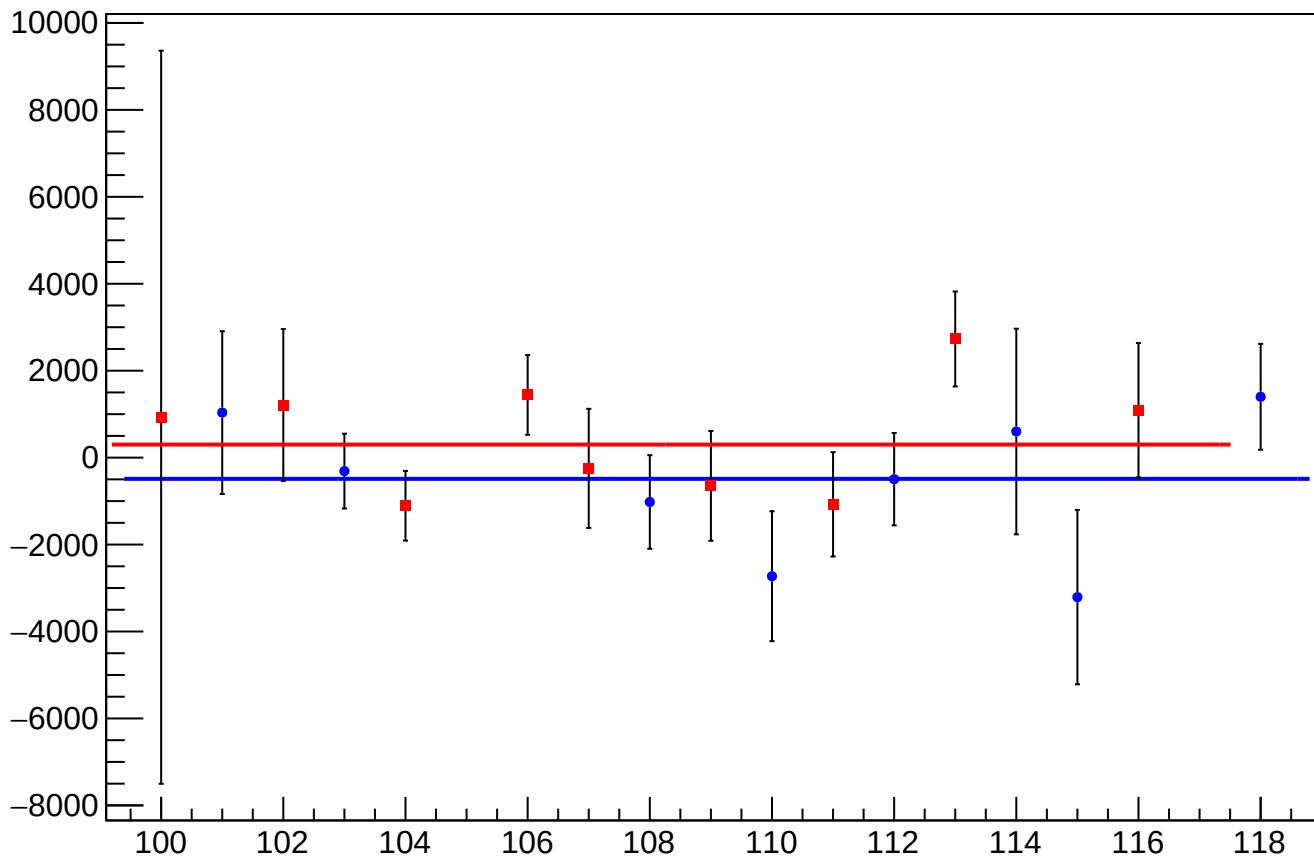
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1660.503 $\pm$ 0.468 χ^2 /NDF: 798753.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



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: 300.370+/-401.729 χ^2/NDF : 12.2/8

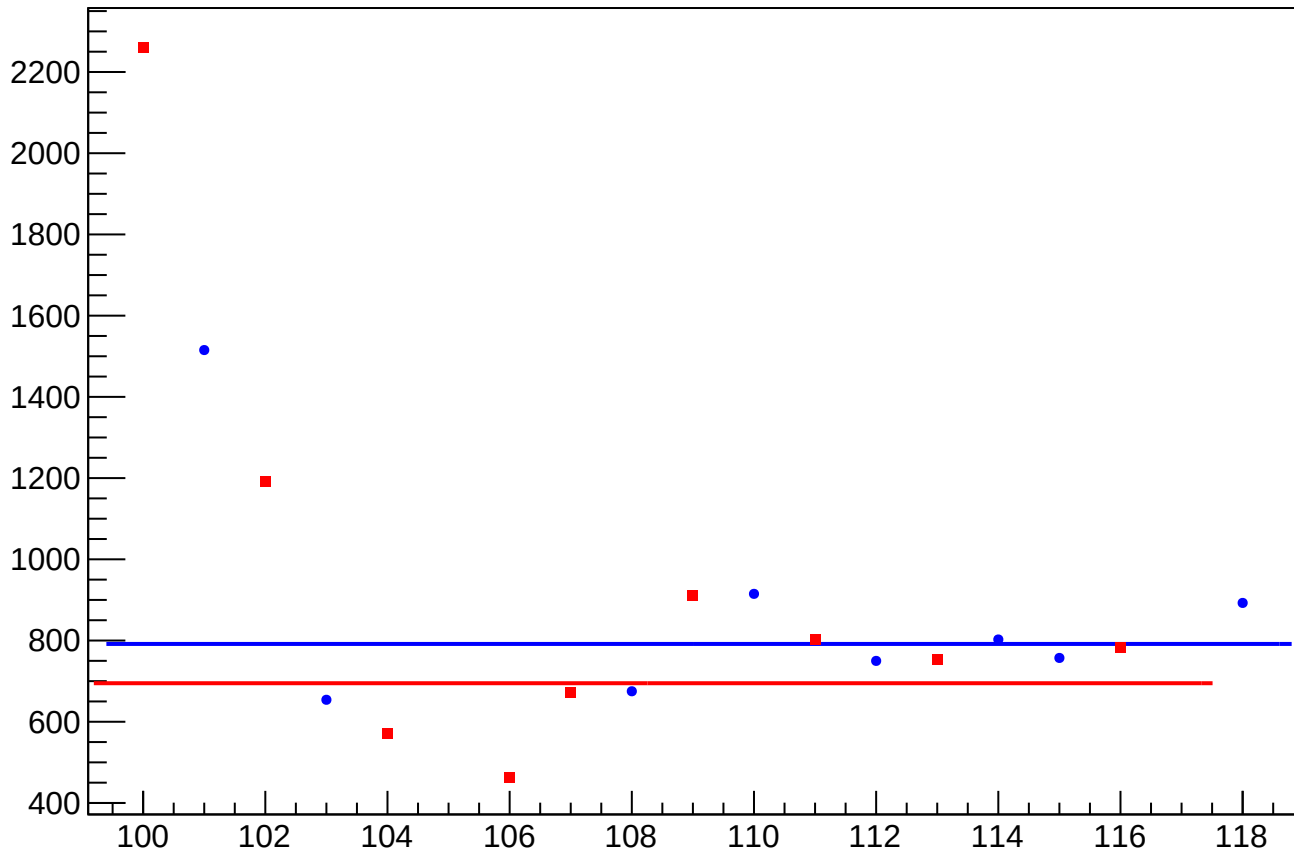
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.205+/-299.710 χ^2/NDF : 21.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



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: 694.891+/-0.284 χ^2/NDF : 492776.8/8

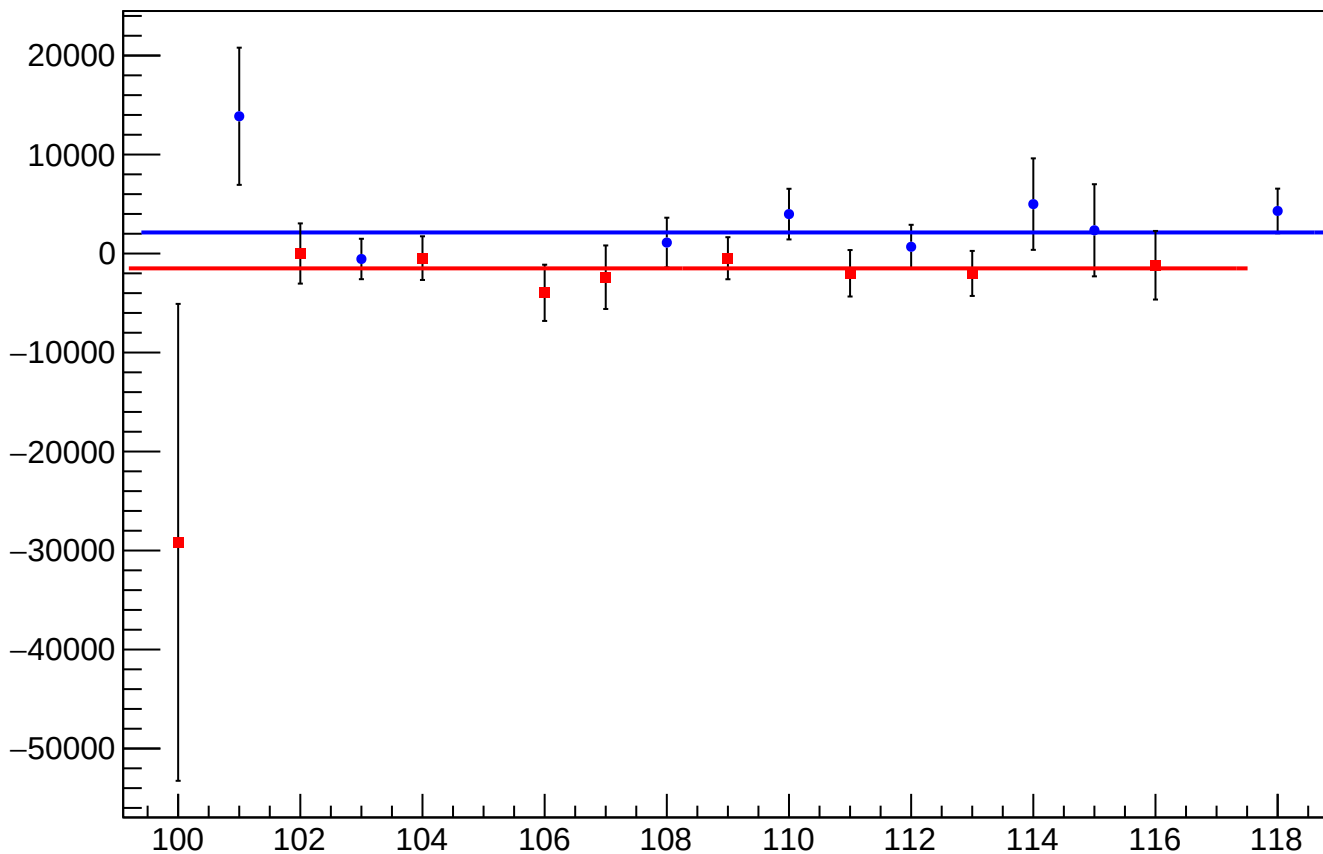
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.781+/-0.212 χ^2/NDF : 948799.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2130.151 $\pm$ 969.090 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1498.462 $\pm$ 906.685 χ^2 /NDF: 3.0/8

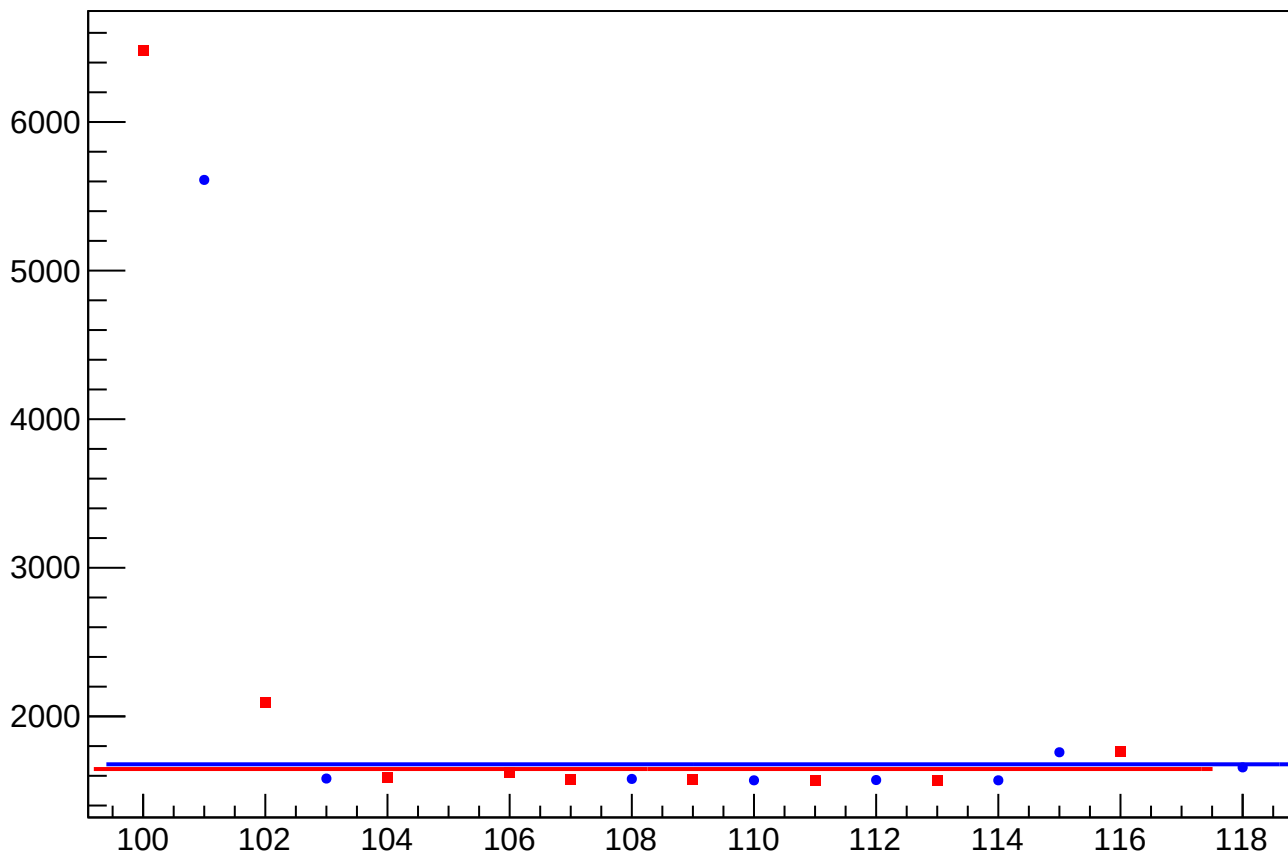
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.257 $\pm$ 662.086 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



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: 1645.653+/-0.641 χ^2/NDF : 135819.6/8

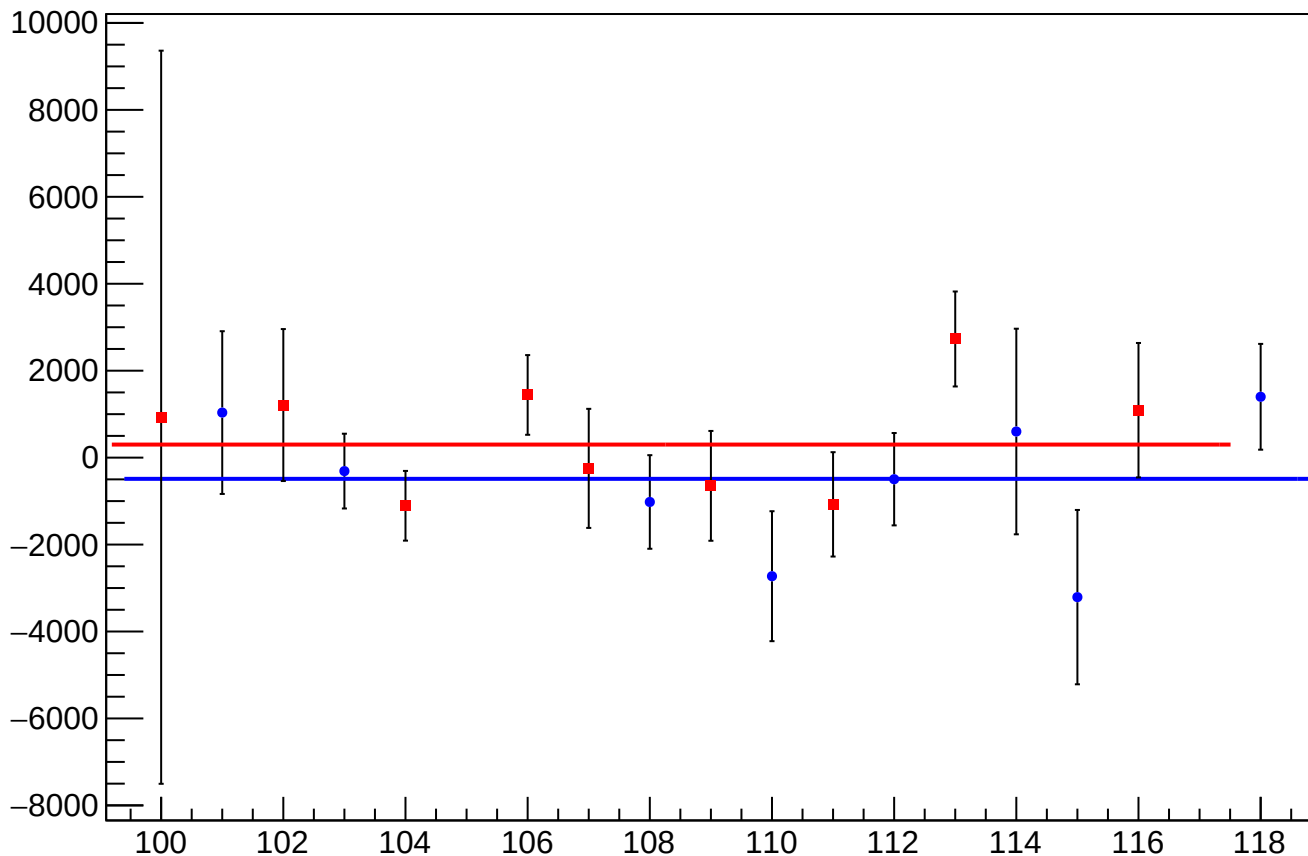
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1660.503+/-0.468 χ^2/NDF : 798753.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



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: 300.370+/-401.729 χ^2/NDF : 12.2/8

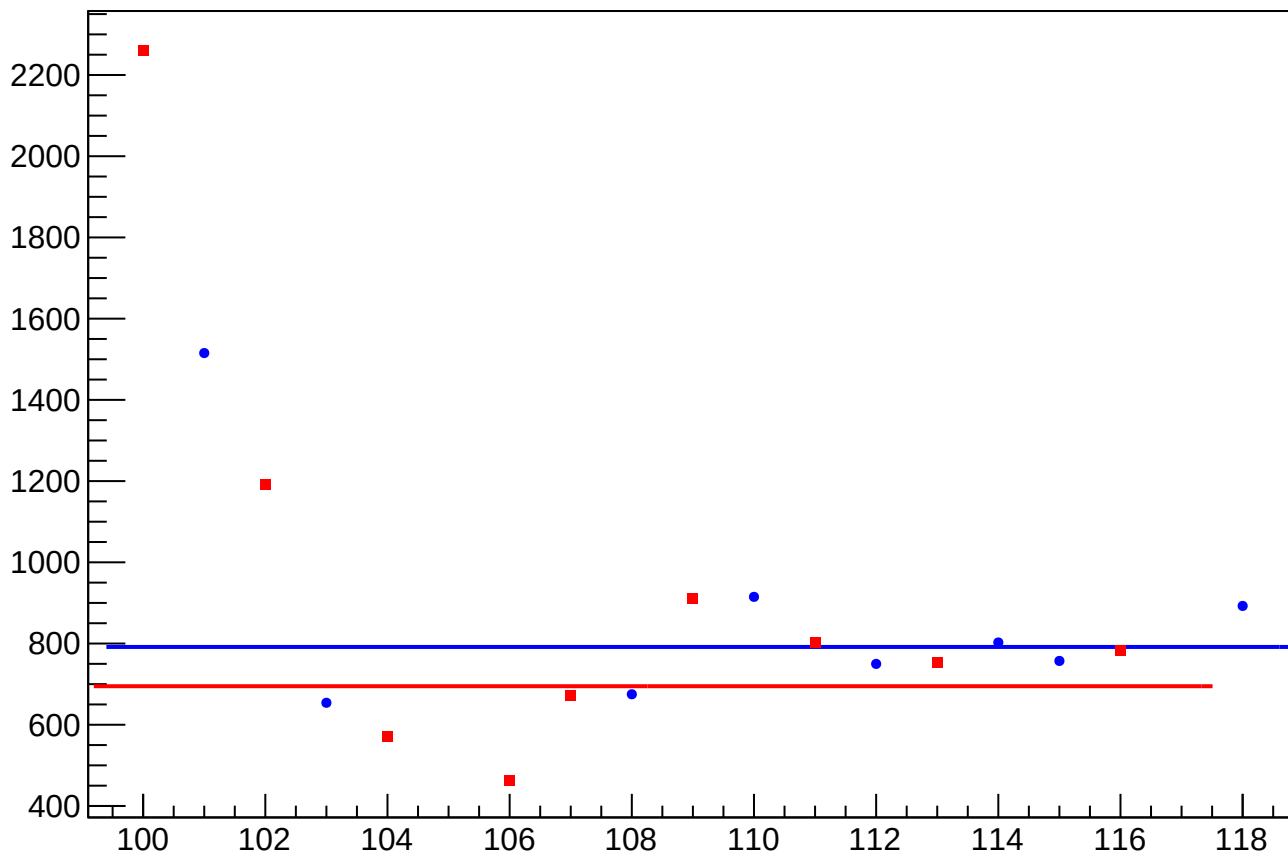
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.205+/-299.710 χ^2/NDF : 21.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 791.619 $\pm$ 0.318 χ^2/NDF : 404610.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 694.891 $\pm$ 0.284 χ^2/NDF : 492776.8/8

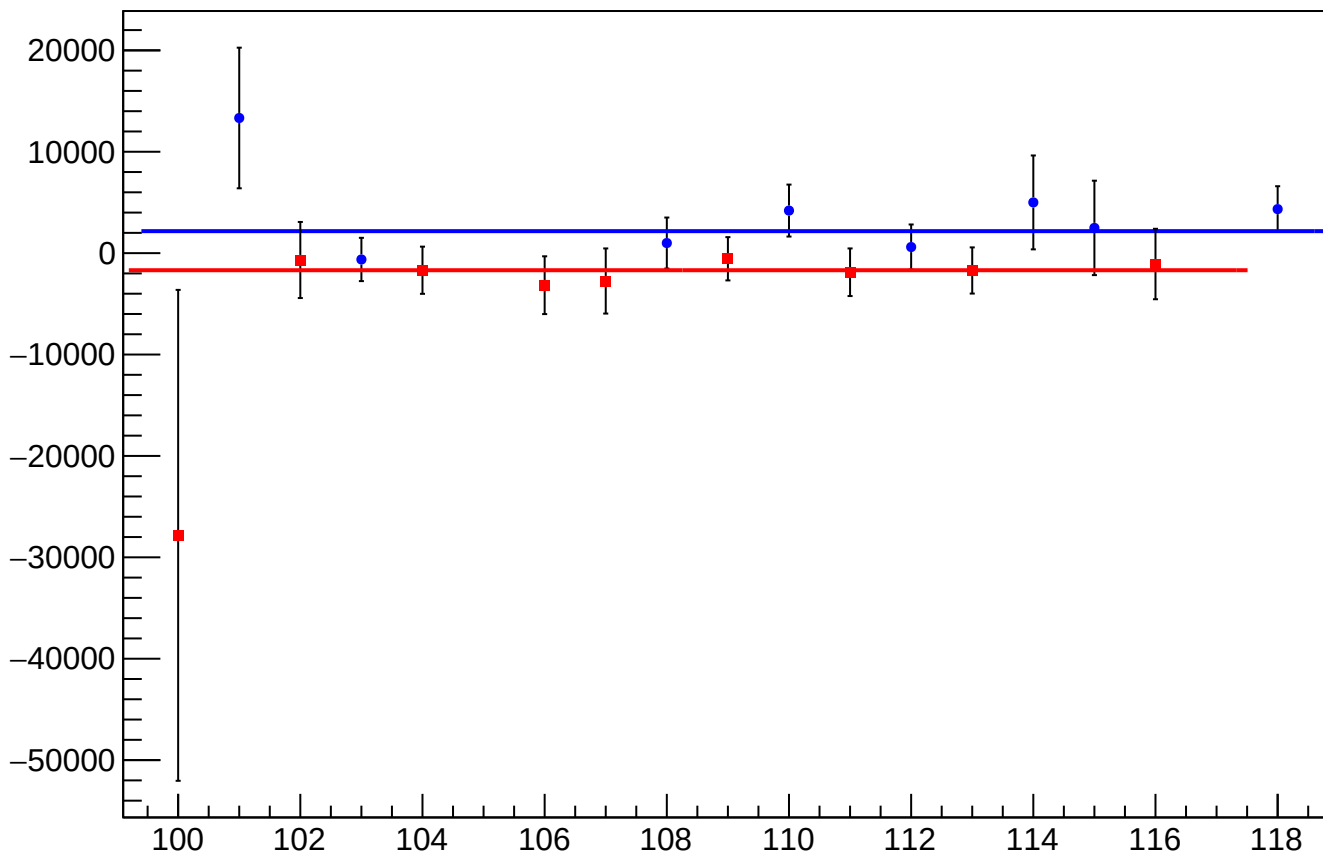
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 737.781 $\pm$ 0.212 χ^2/NDF : 948799.9/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



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: -1684.839+/-930.903 χ^2/NDF : 1.9/8

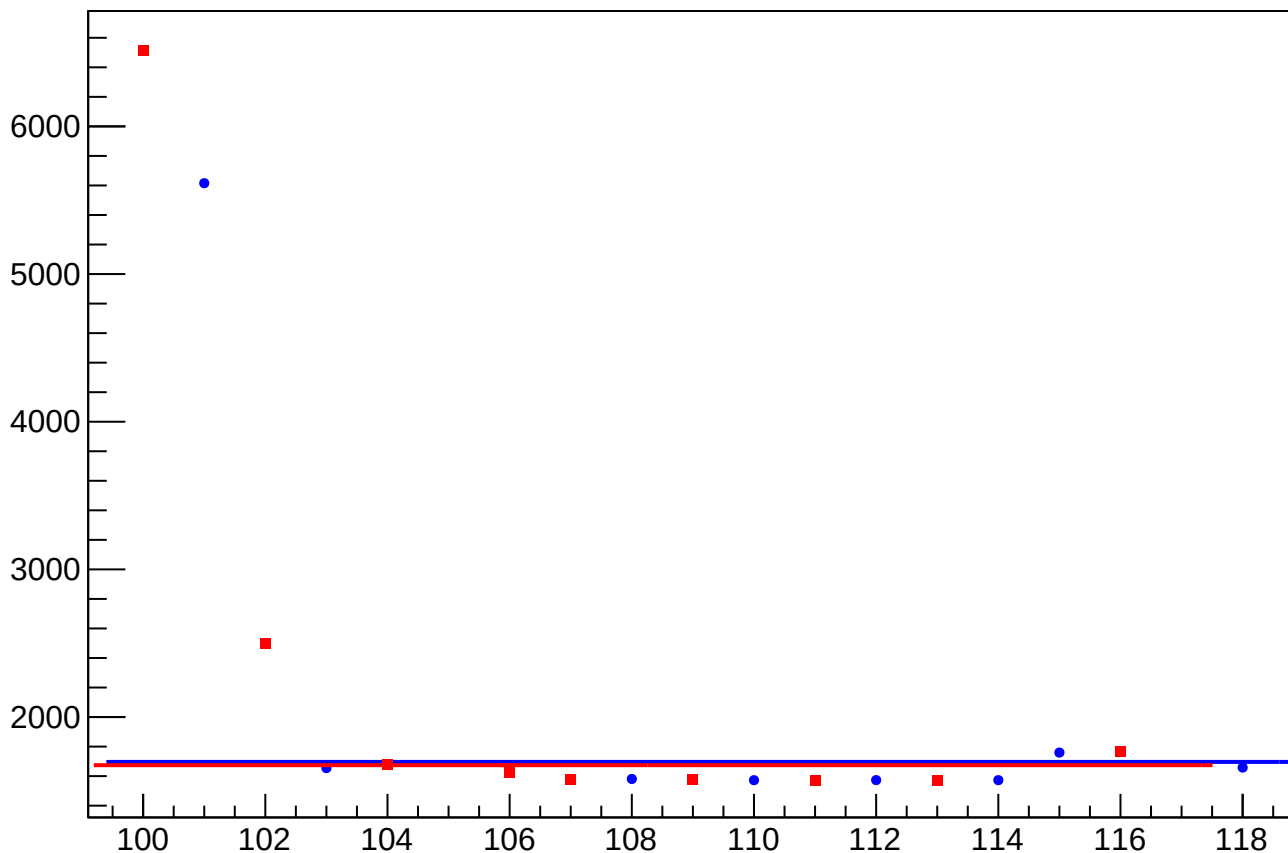
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.231+/-674.776 χ^2/NDF : 17.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



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: 1674.057 $\pm$ 0.658 χ^2 /NDF: 191770.8/8

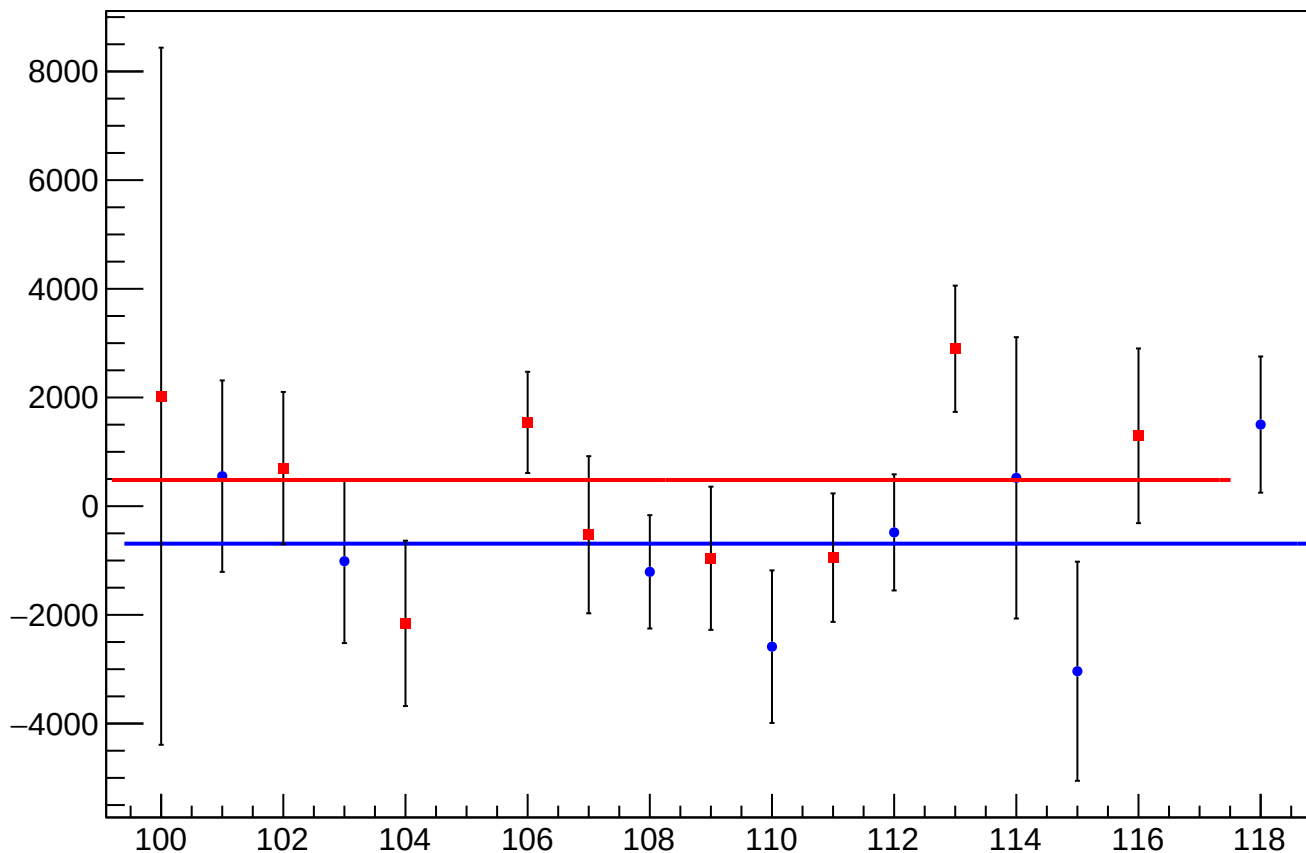
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1684.541 $\pm$ 0.477 χ^2 /NDF: 849173.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



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: 482.032+/-446.468 χ^2/NDF : 12.1/8

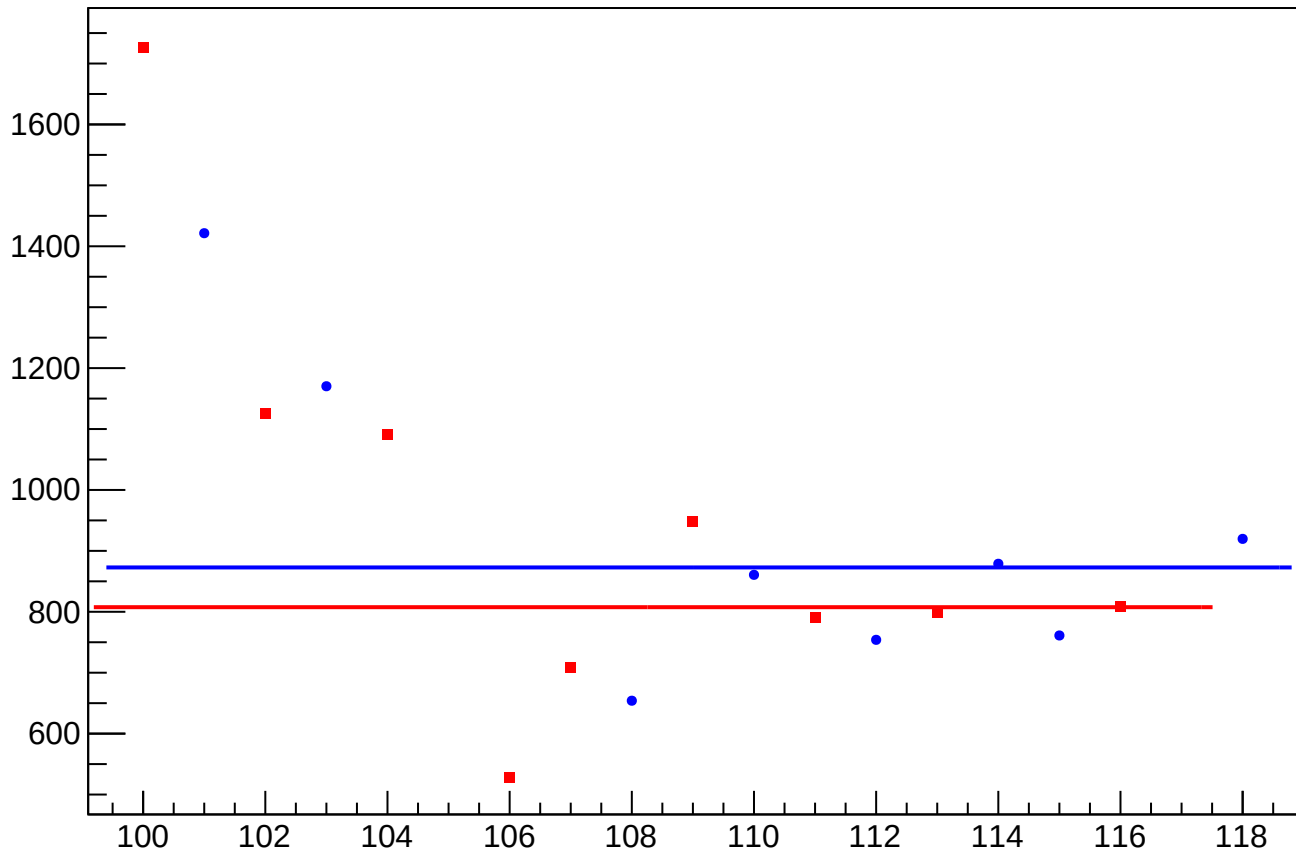
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.842+/-331.235 χ^2/NDF : 22.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



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: 807.561+/-0.316 χ^2/NDF : 426413.9/8

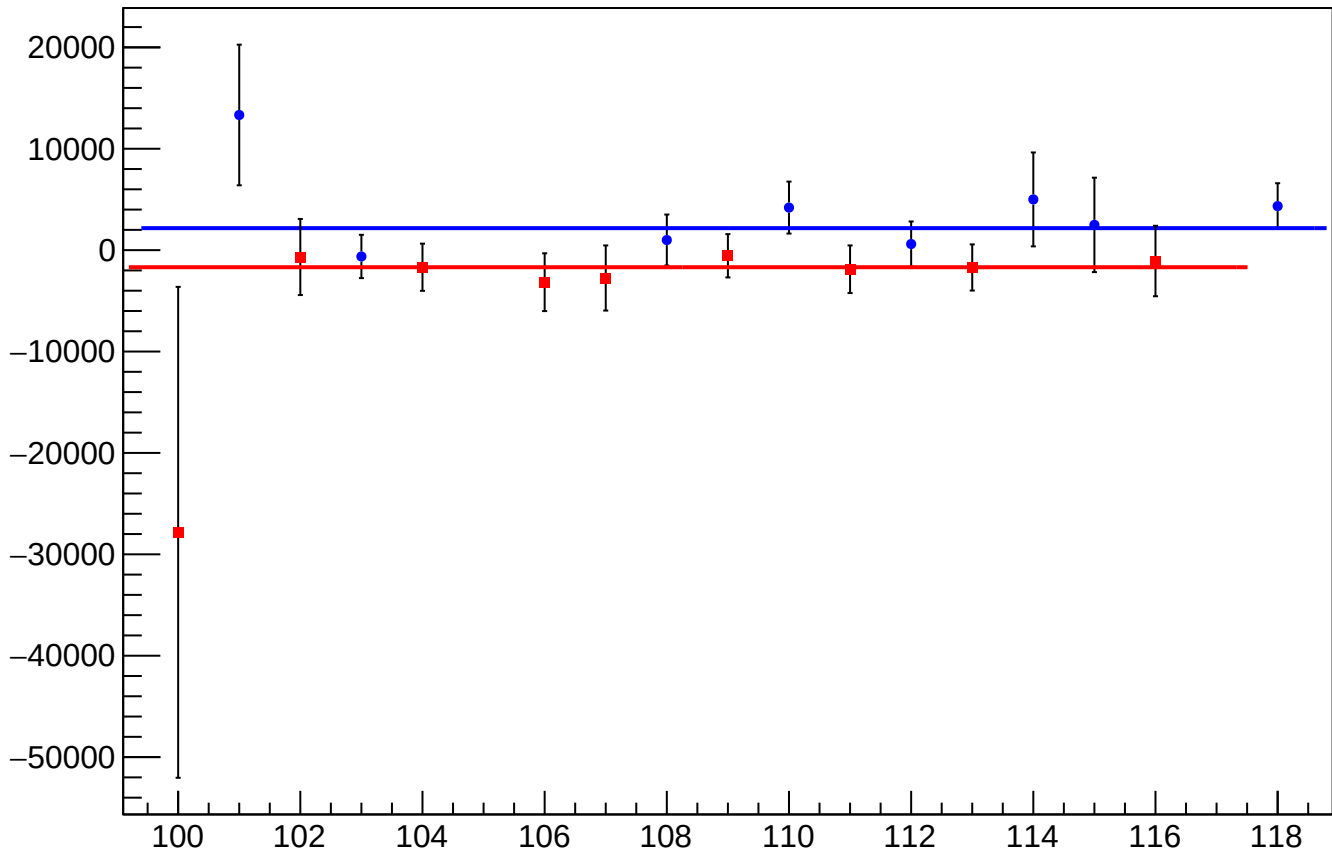
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 836.890+/-0.234 χ^2/NDF : 839470.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2169.277 $\pm$ 979.505 χ^2/NDF : 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1684.839 $\pm$ 930.903 χ^2/NDF : 1.9/8

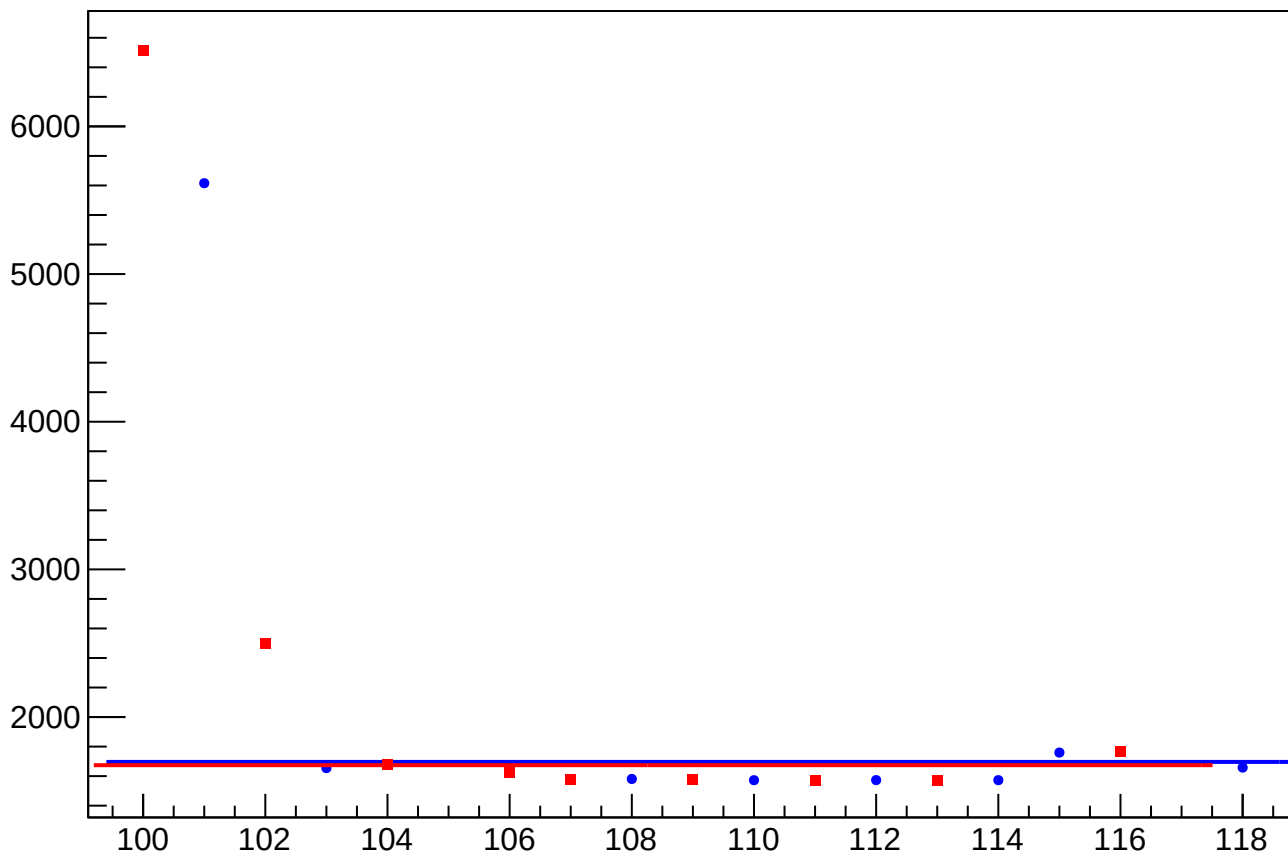
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 144.232 $\pm$ 674.776 χ^2/NDF : 17.0/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



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: 1674.057+/-0.658 χ^2/NDF : 191770.7/8

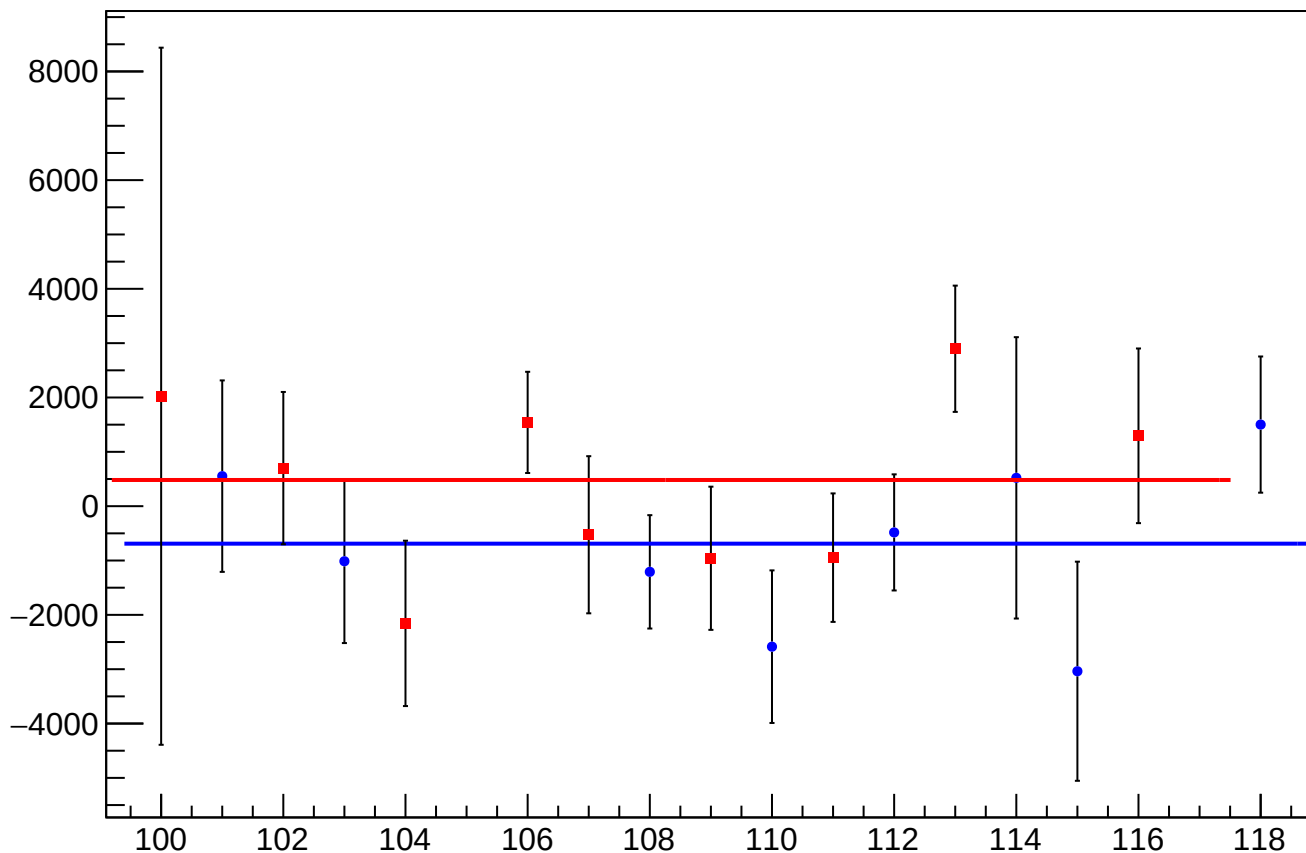
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1684.540+/-0.477 χ^2/NDF : 849173.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -689.882 $\pm$ 494.002 χ^2 /NDF: 7.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.032 $\pm$ 446.467 χ^2 /NDF: 12.1/8

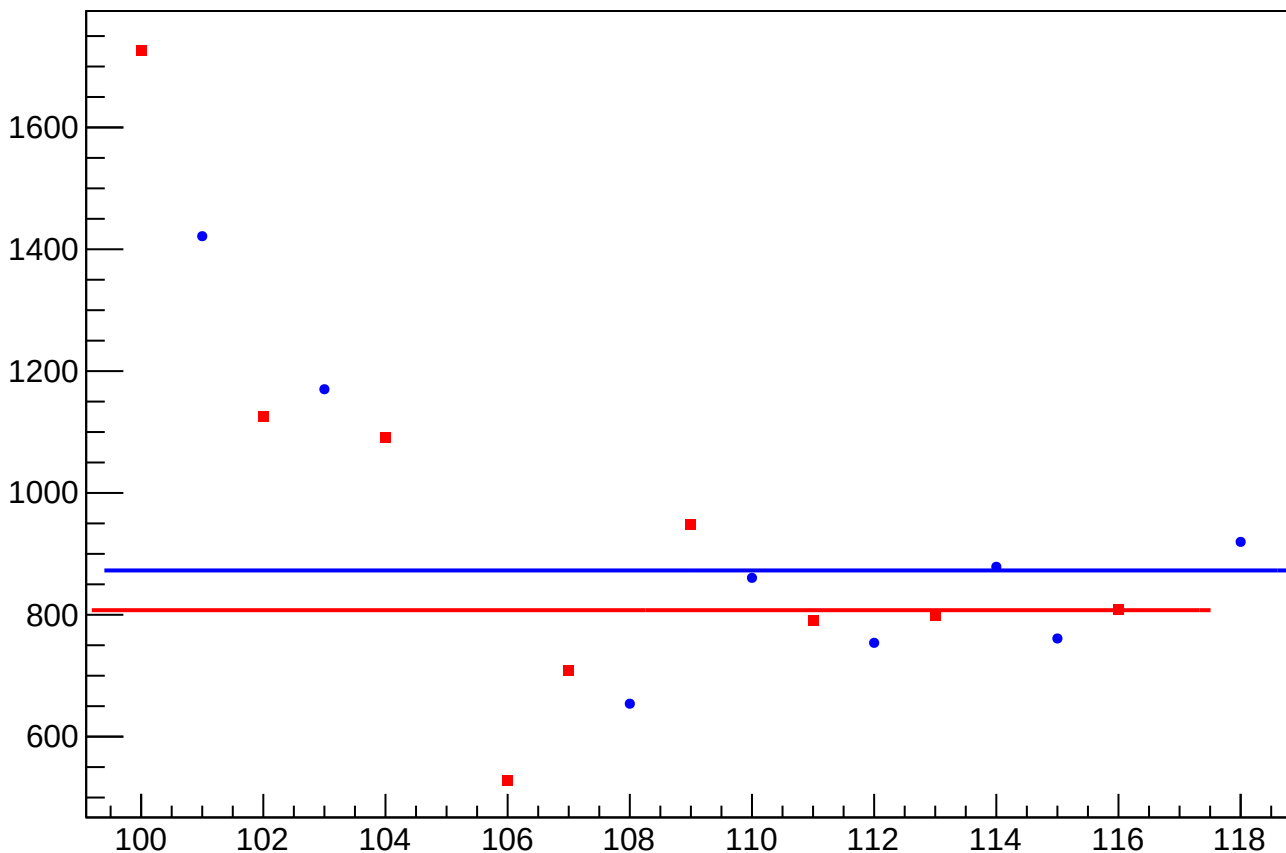
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.842 $\pm$ 331.234 χ^2 /NDF: 22.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 872.791 $\pm$ 0.349 χ^2 /NDF: 393863.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 807.559 $\pm$ 0.316 χ^2 /NDF: 426410.6/8

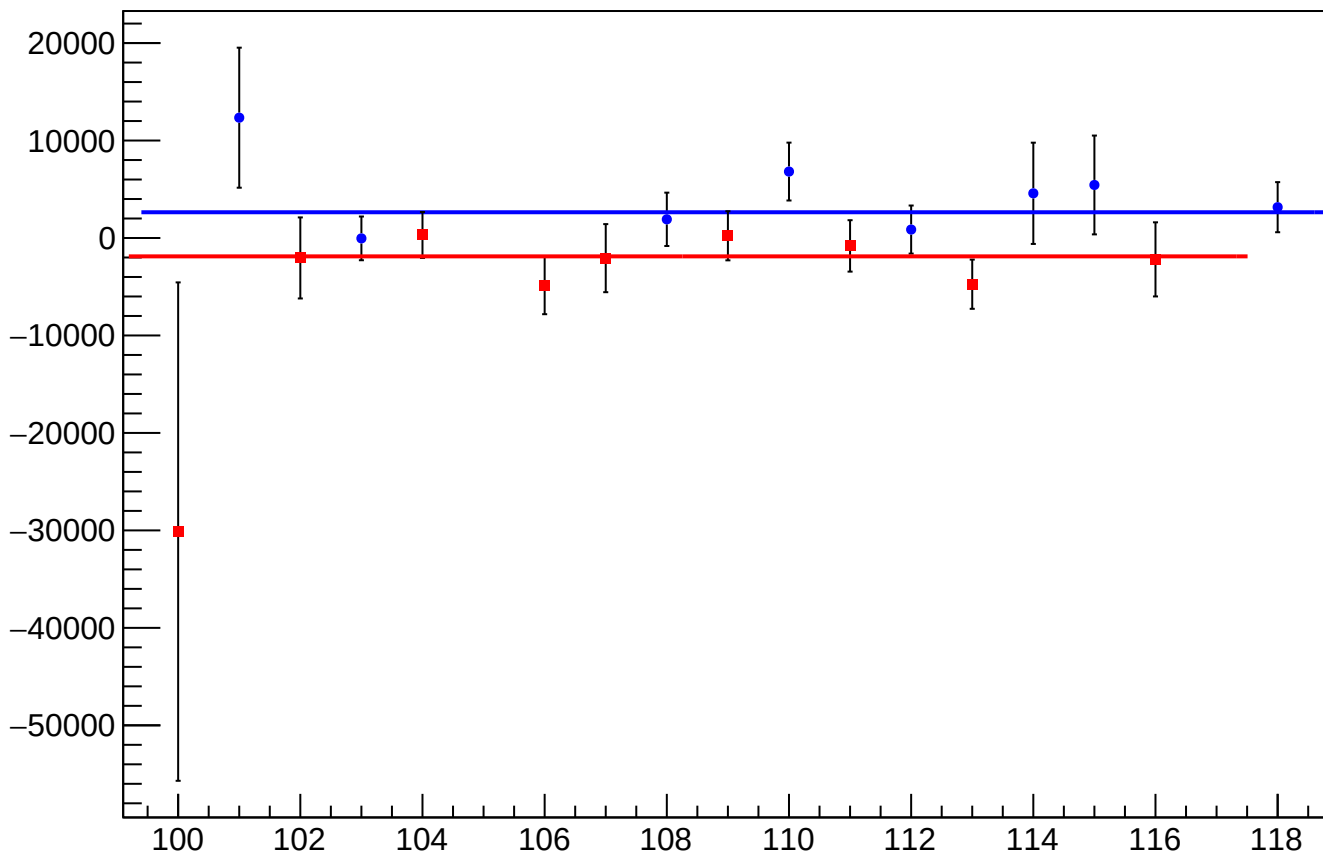
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 836.887 $\pm$ 0.234 χ^2 /NDF: 839469.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2641.459 $\pm$ 1080.282 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1884.522 $\pm$ 1018.529 χ^2 /NDF: 5.3/8

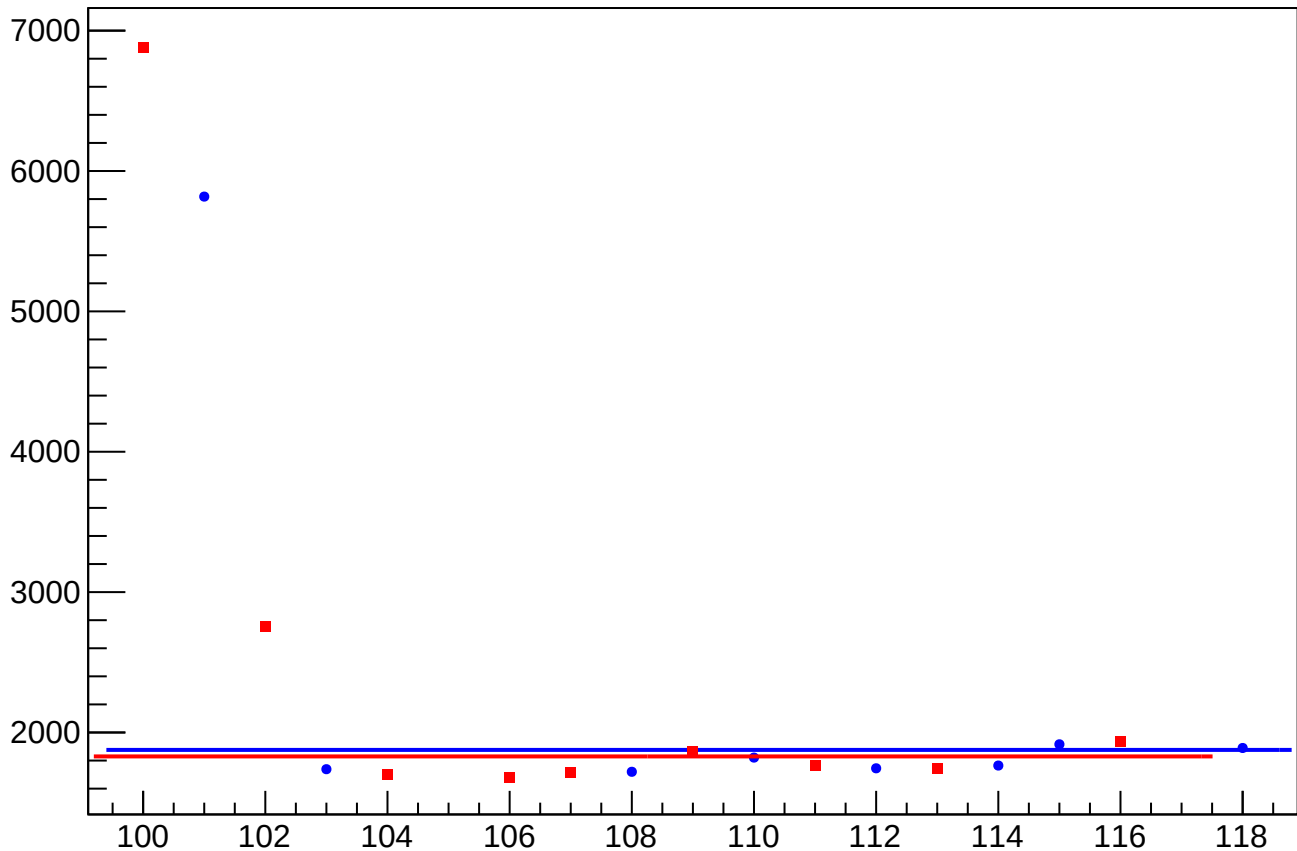
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 245.415 $\pm$ 741.079 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



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: 1829.486+/-0.720 χ^2/NDF : 196479.3/8

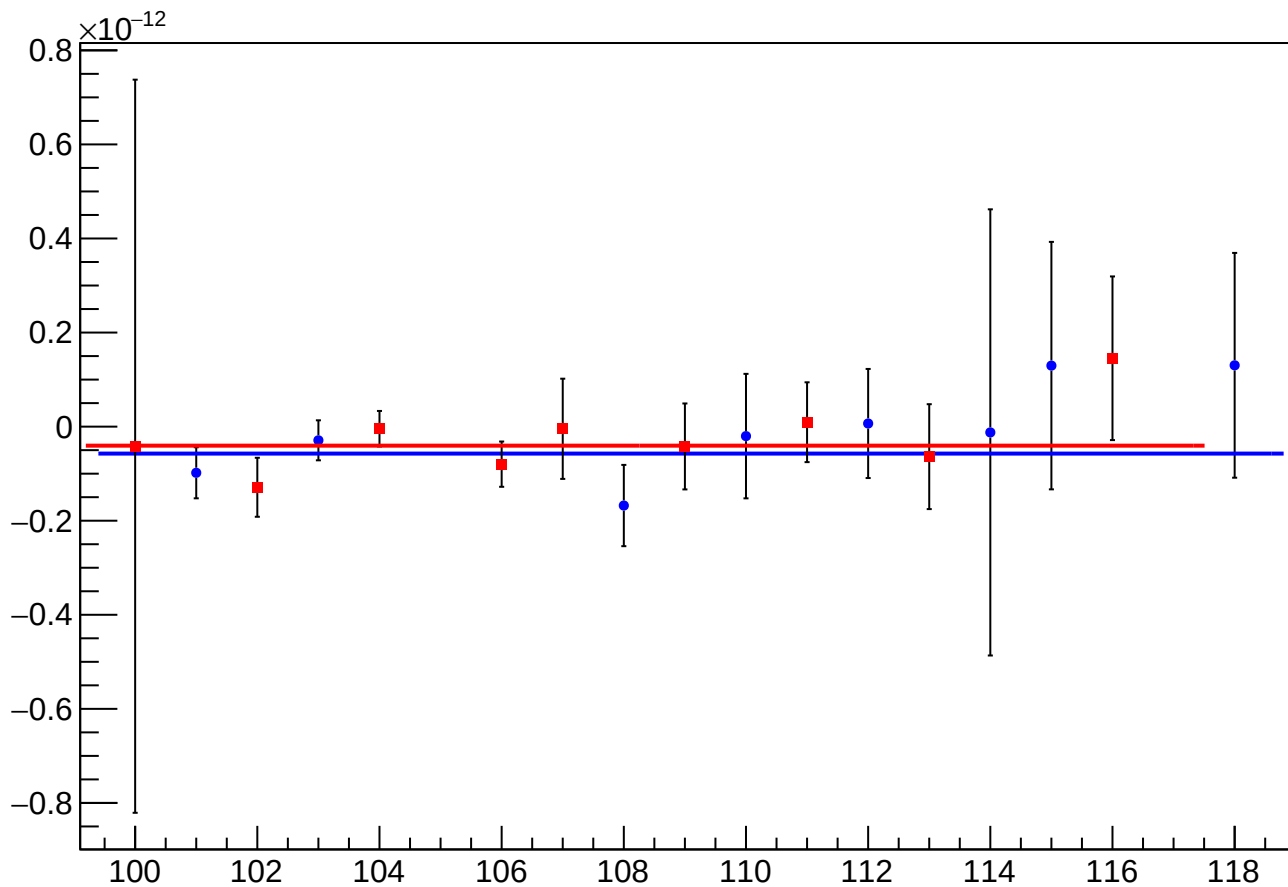
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1851.331+/-0.524 χ^2/NDF : 821993.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug



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 : 5.2/8

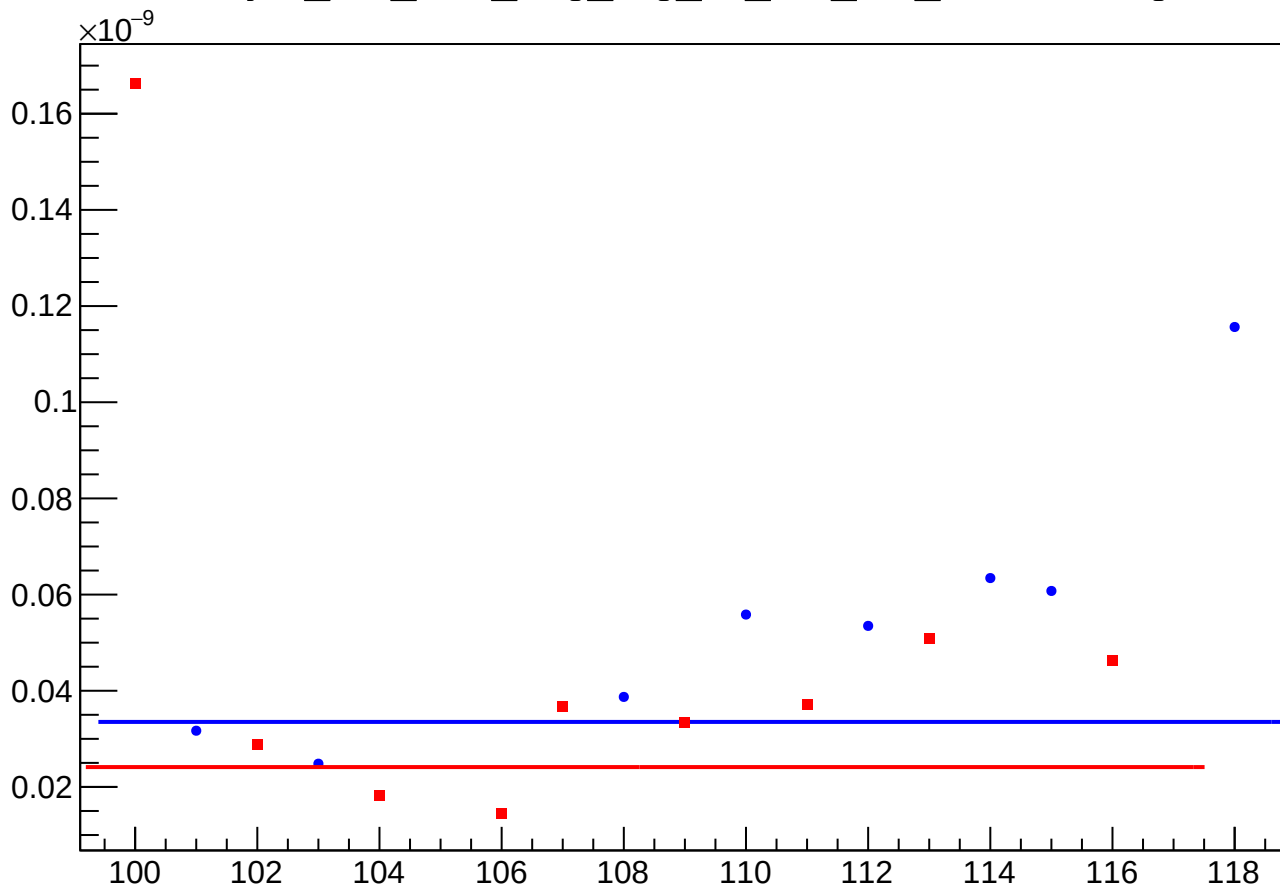
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug



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 : 451692.7/8

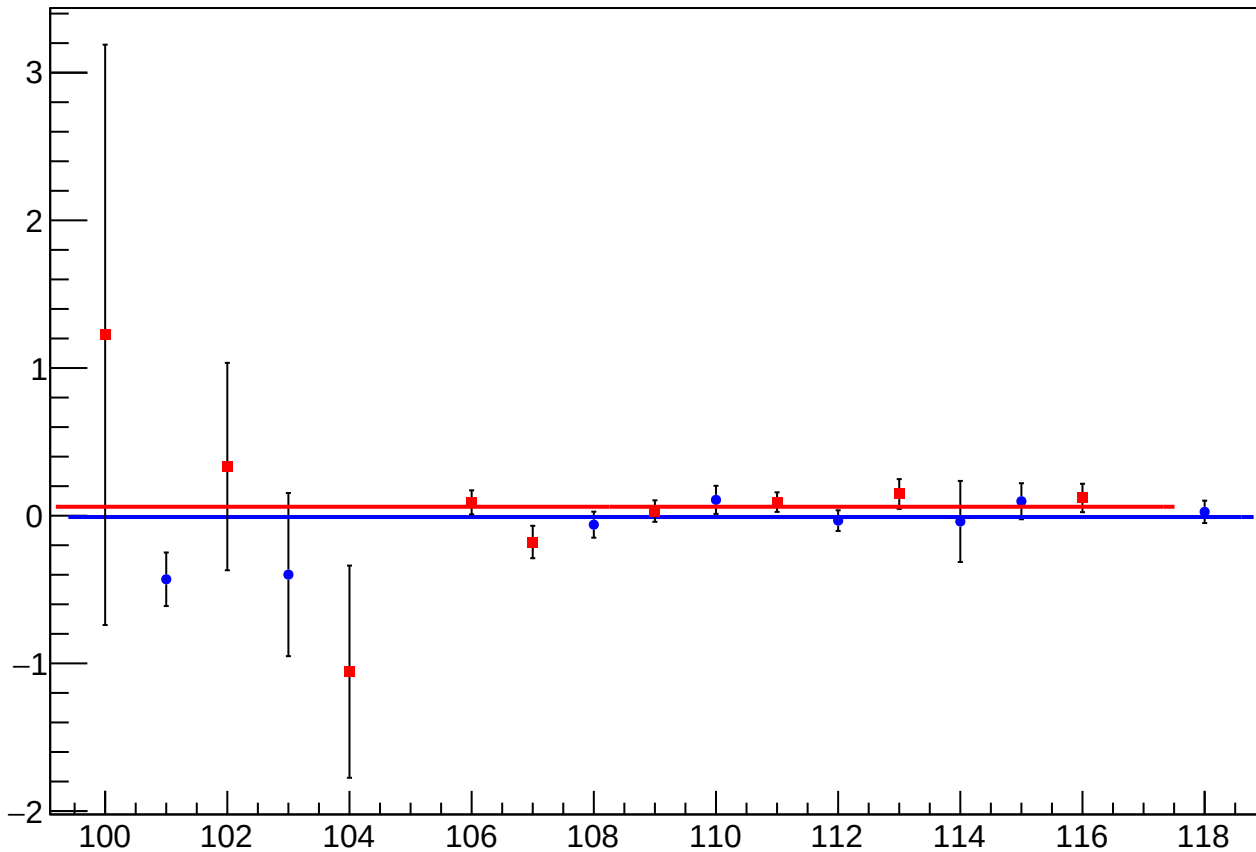
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1054566.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



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: 0.061 $\pm$ 0.034 χ^2 /NDF: 9.3/8

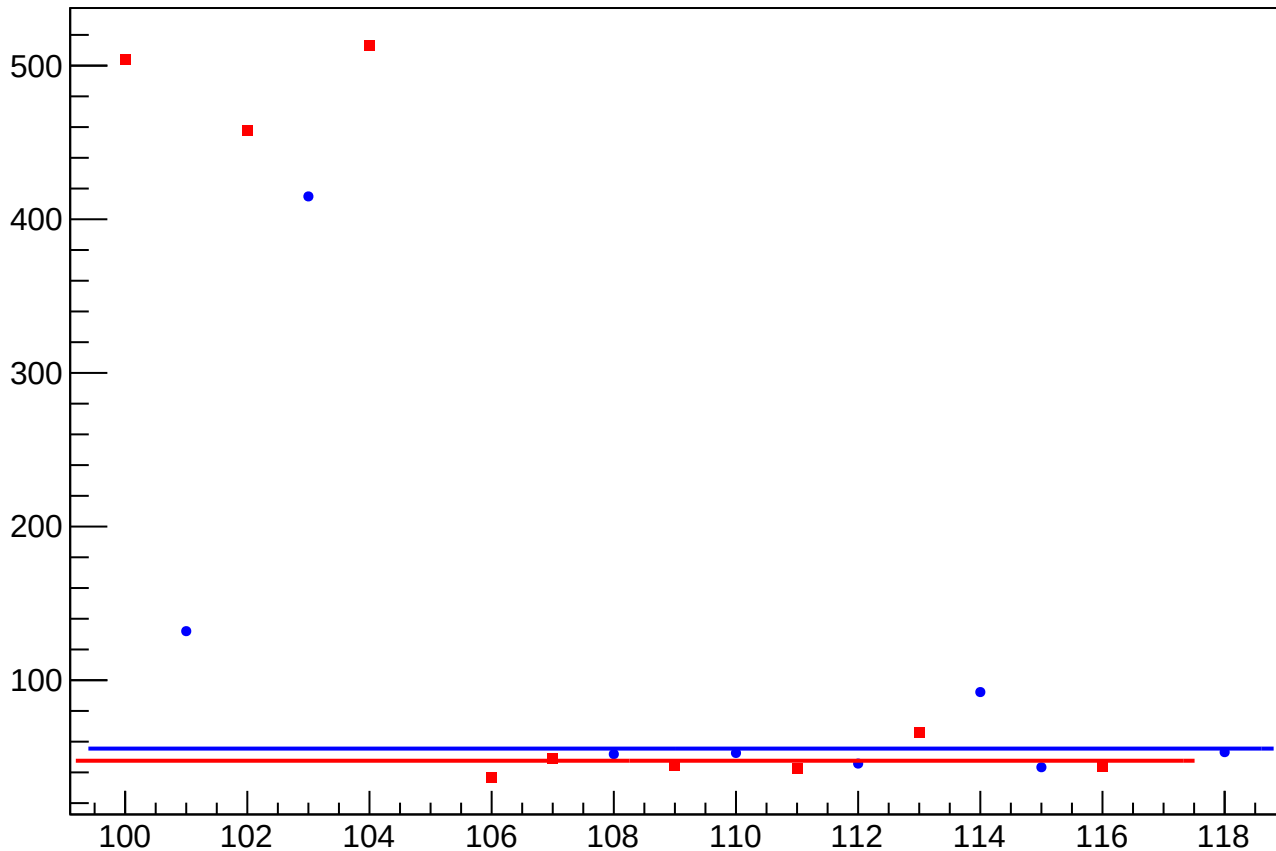
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.025 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



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: 47.590+/-0.024 χ^2/NDF : 1753142.7/8

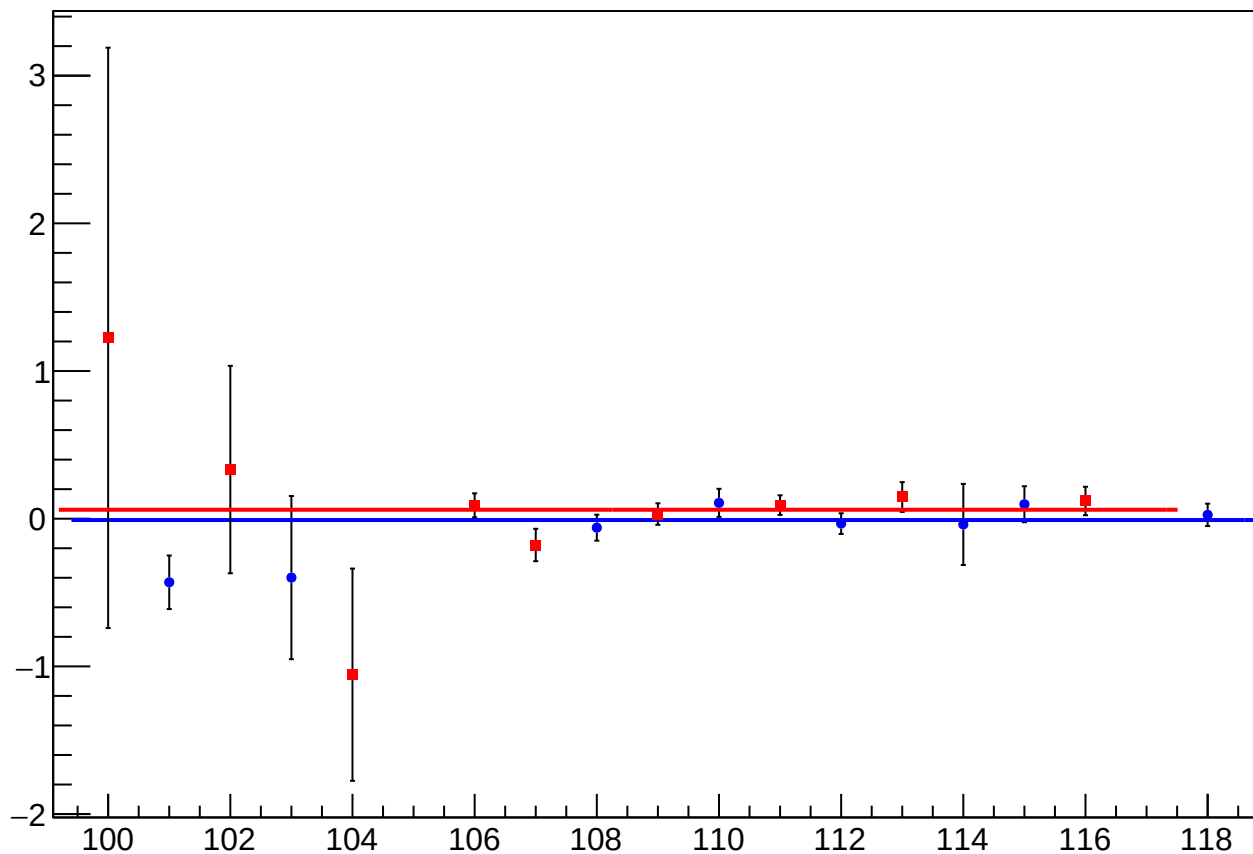
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.224+/-0.018 χ^2/NDF : 3105622.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.061 $\pm$ 0.034 χ^2 /NDF: 9.3/8

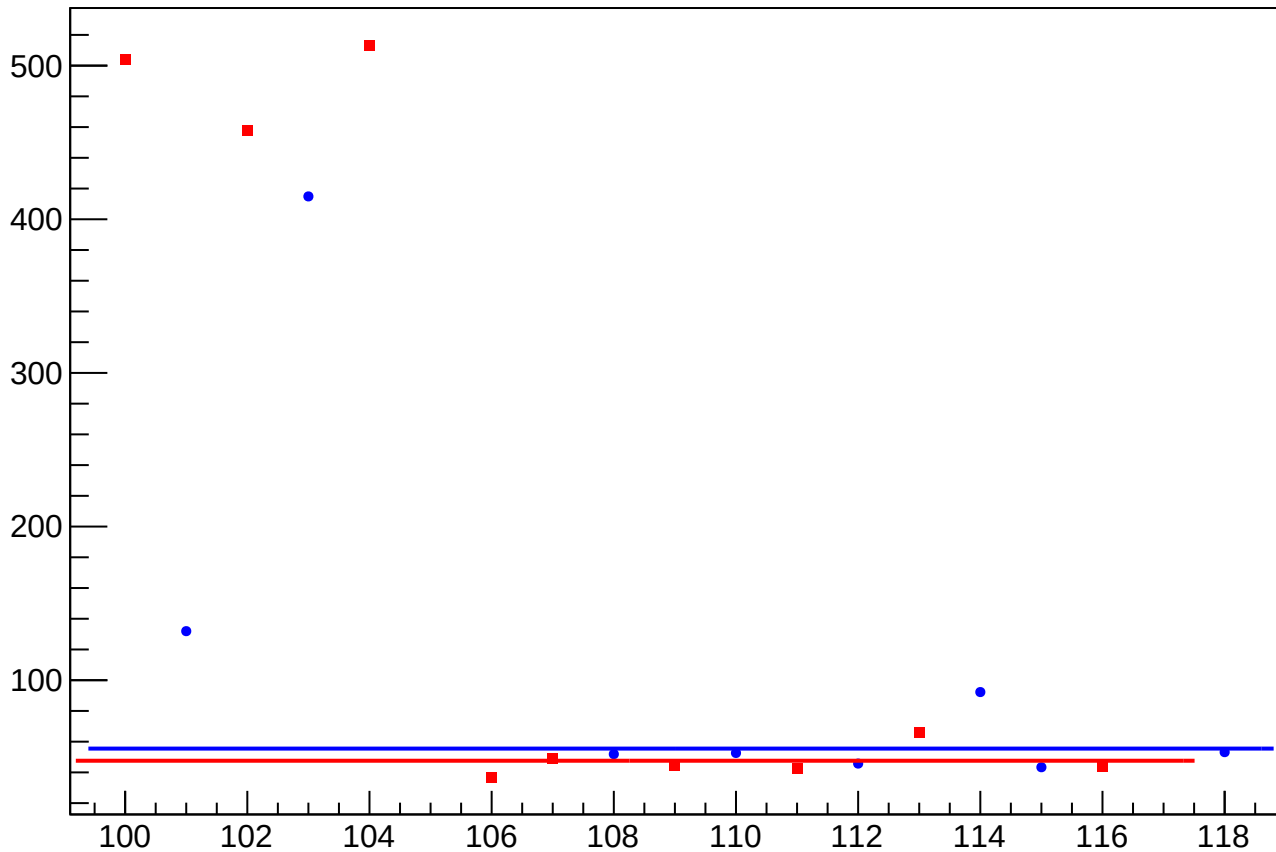
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.025 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.494 $\pm$ 0.026 χ^2 /NDF: 1303059.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.590 $\pm$ 0.024 χ^2 /NDF: 1753142.7/8

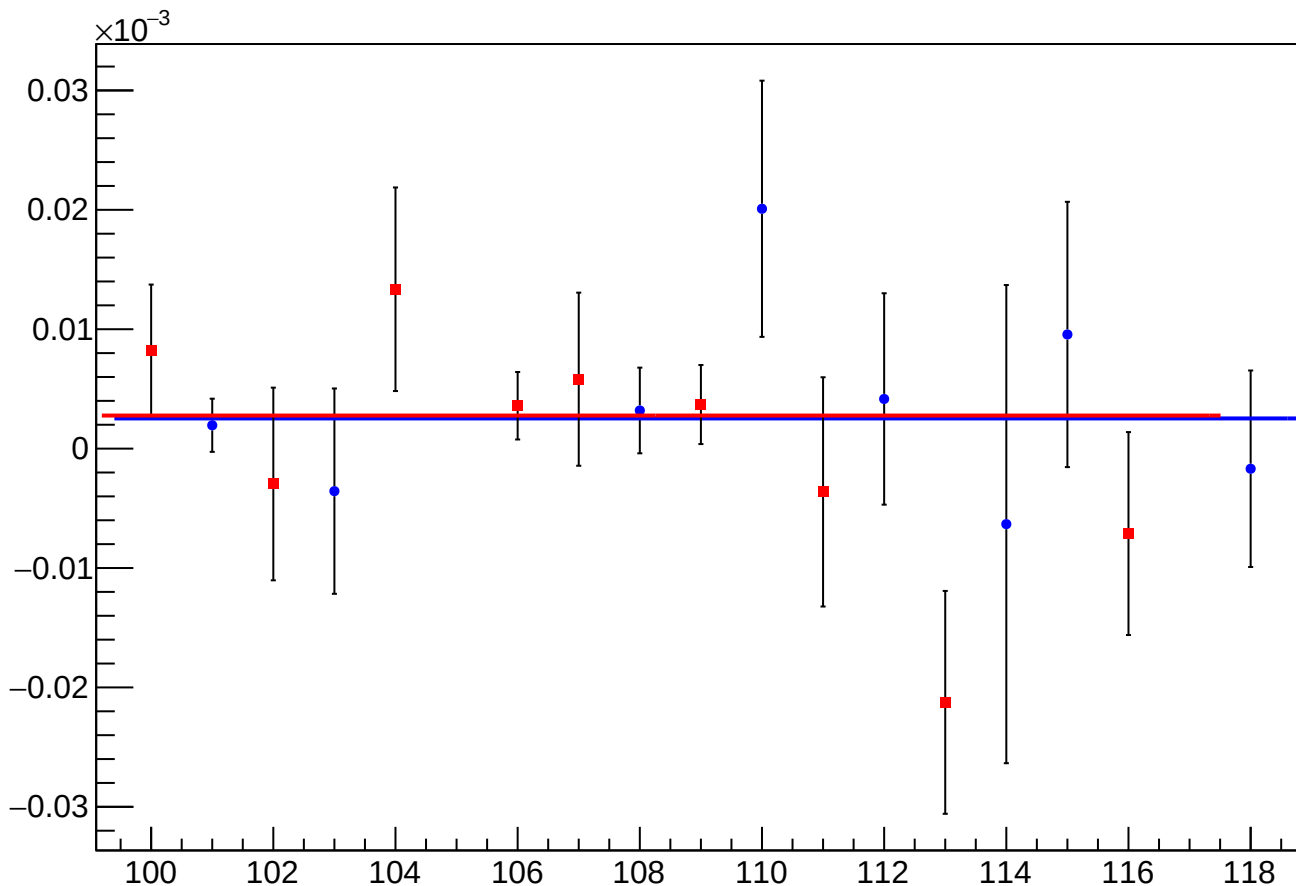
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.224 $\pm$ 0.018 χ^2 /NDF: 3105622.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/8

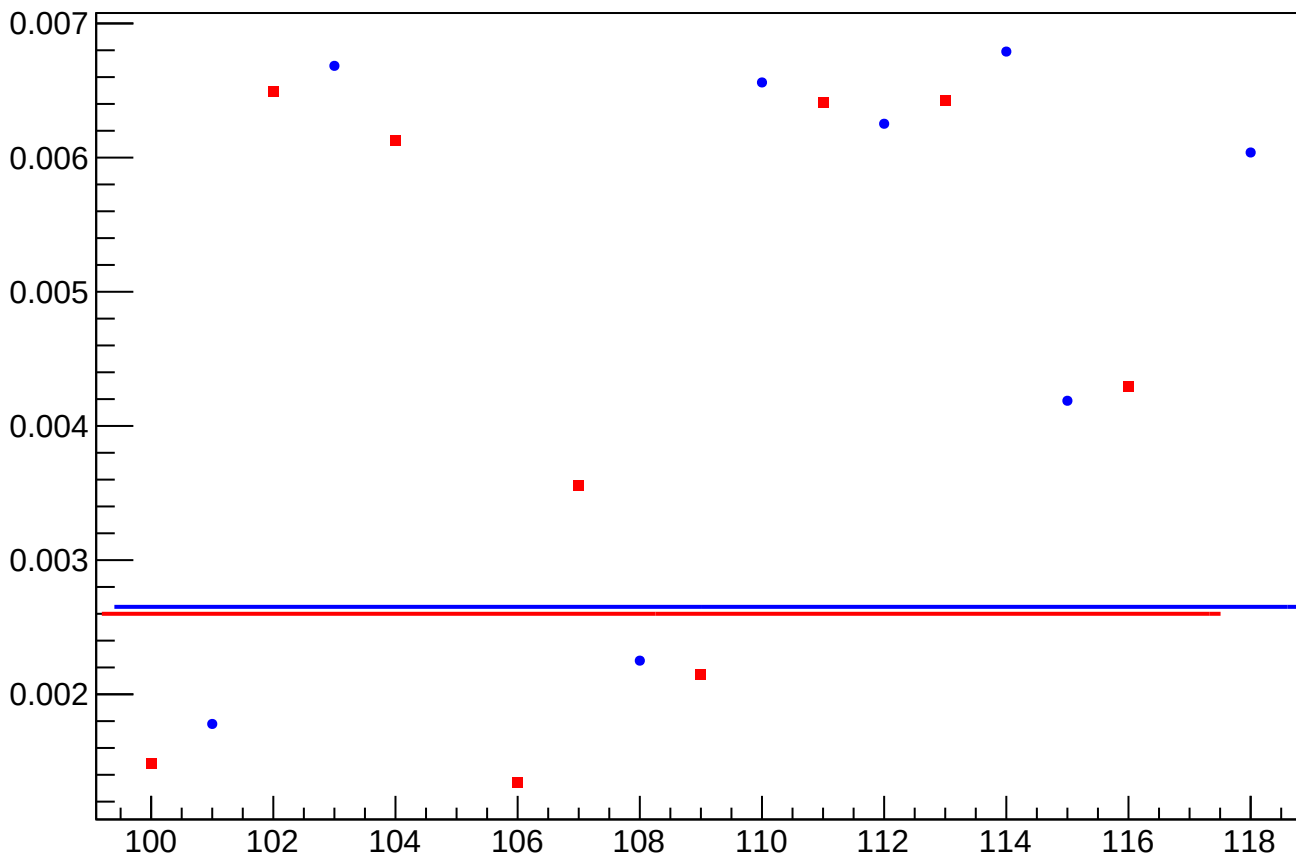
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2088010.5/8

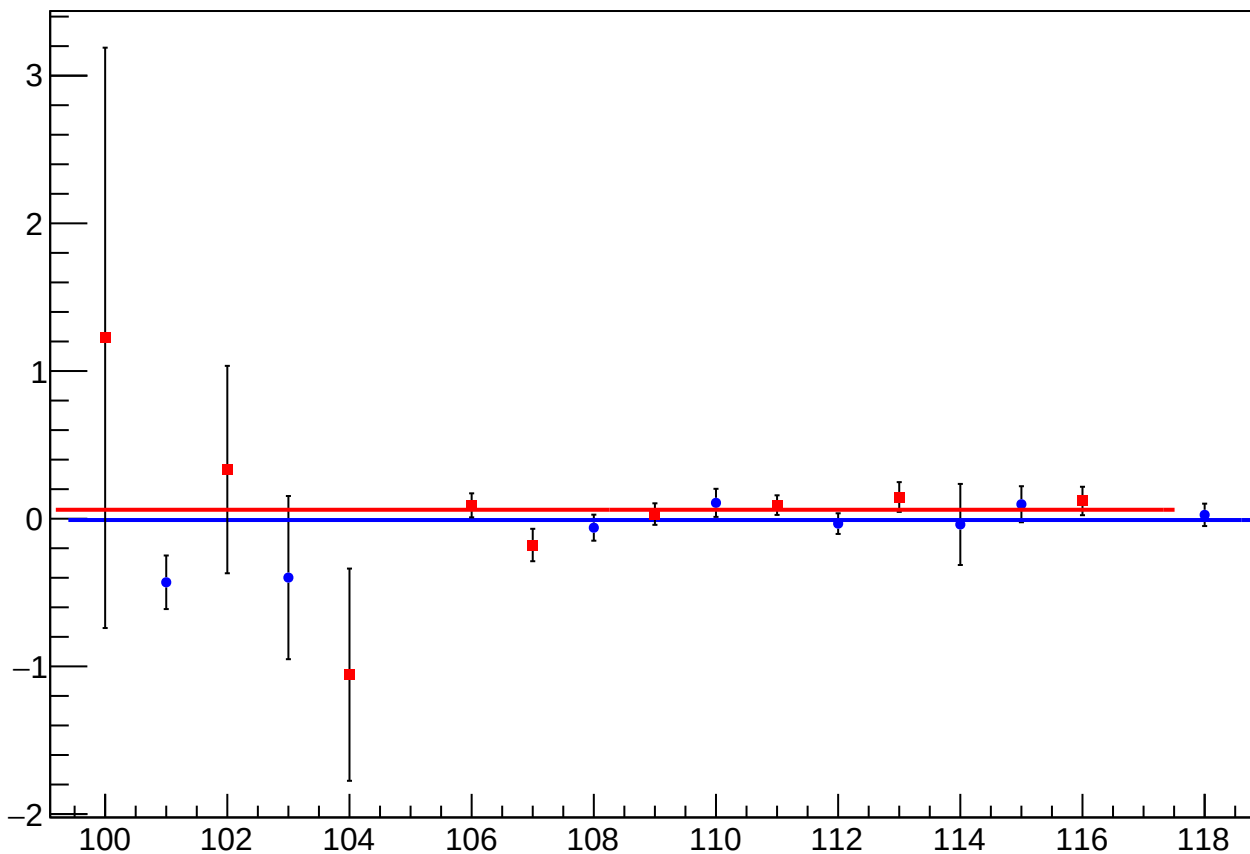
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3919700.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.061 $\pm$ 0.034 χ^2 /NDF: 9.3/8

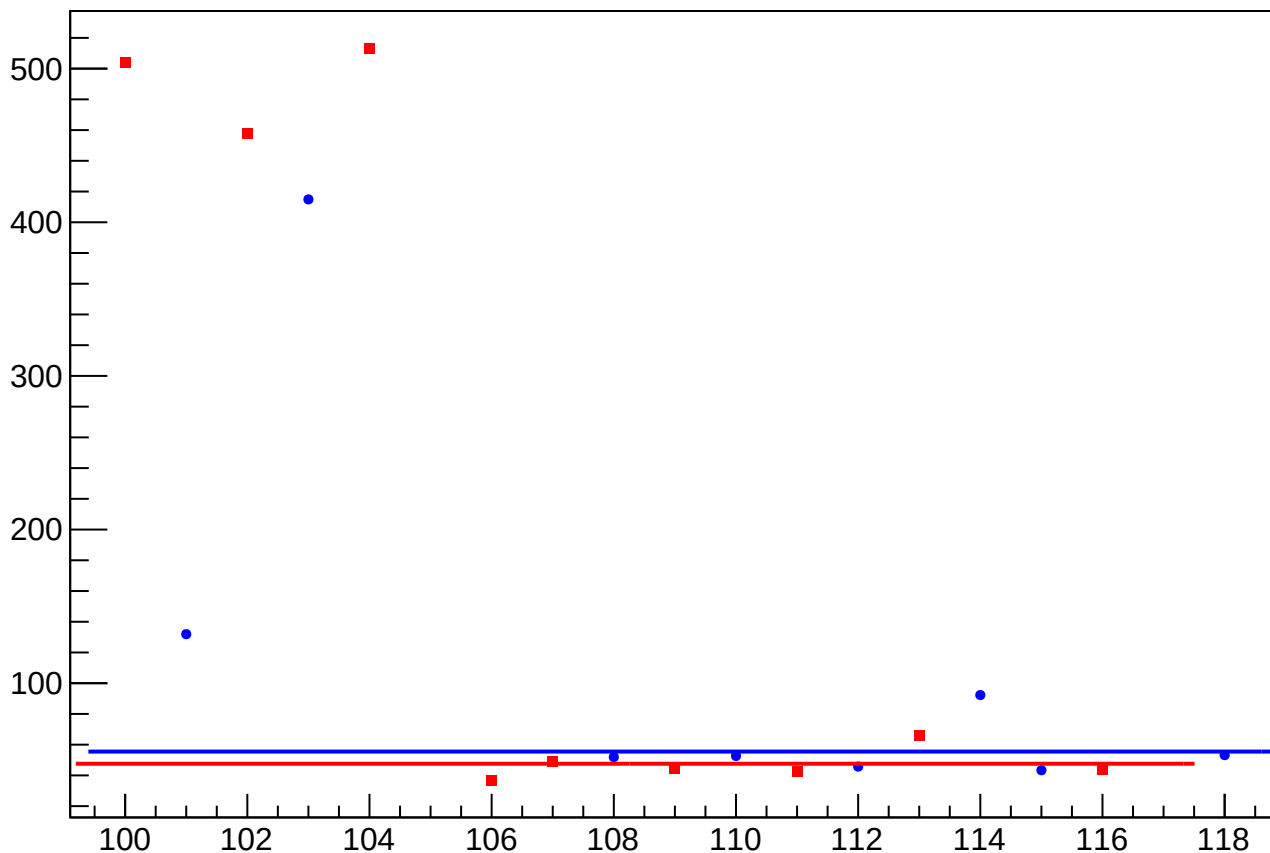
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.029 $\pm$ 0.025 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.495 $\pm$ 0.026 χ^2 /NDF: 1303041.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.590 $\pm$ 0.024 χ^2 /NDF: 1753113.7/8

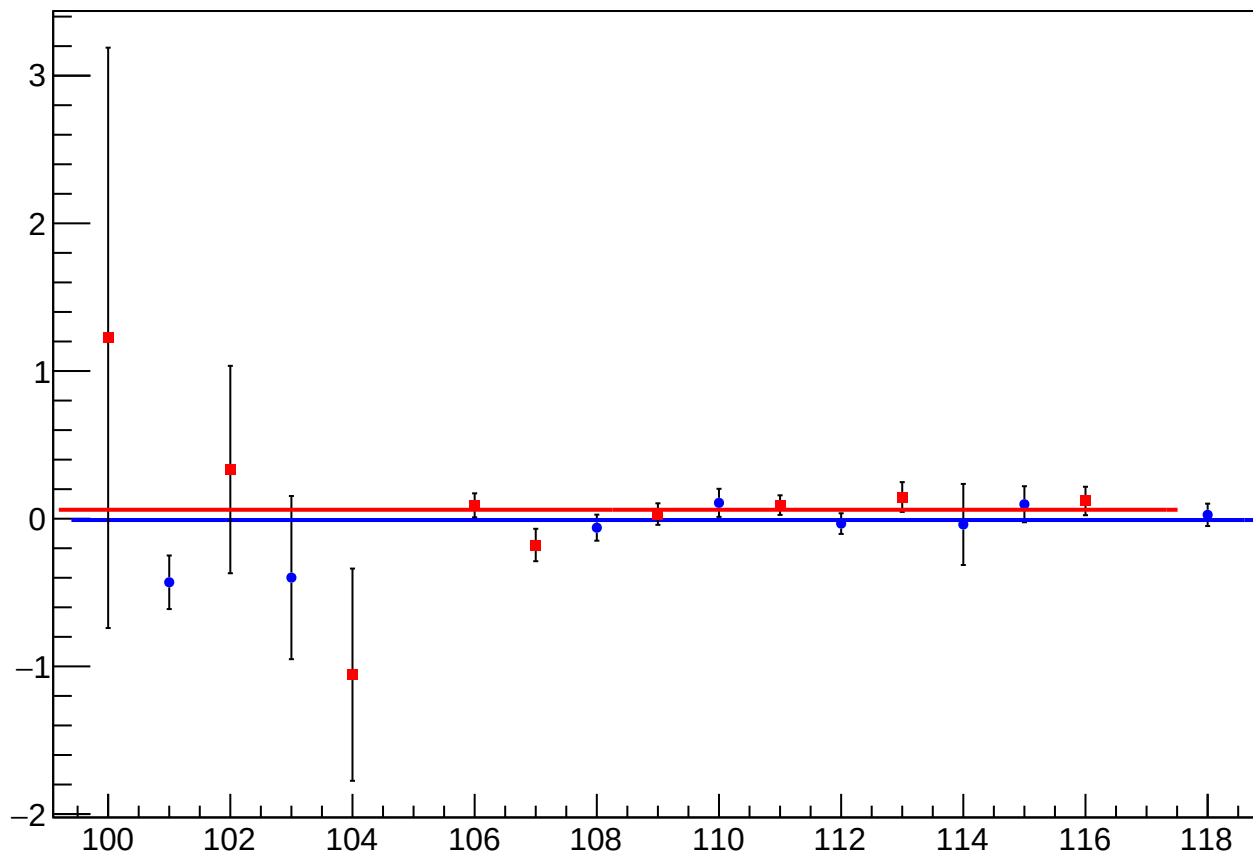
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.225 $\pm$ 0.018 χ^2 /NDF: 3105585.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.061 ± 0.034 χ^2/NDF : 9.3/8

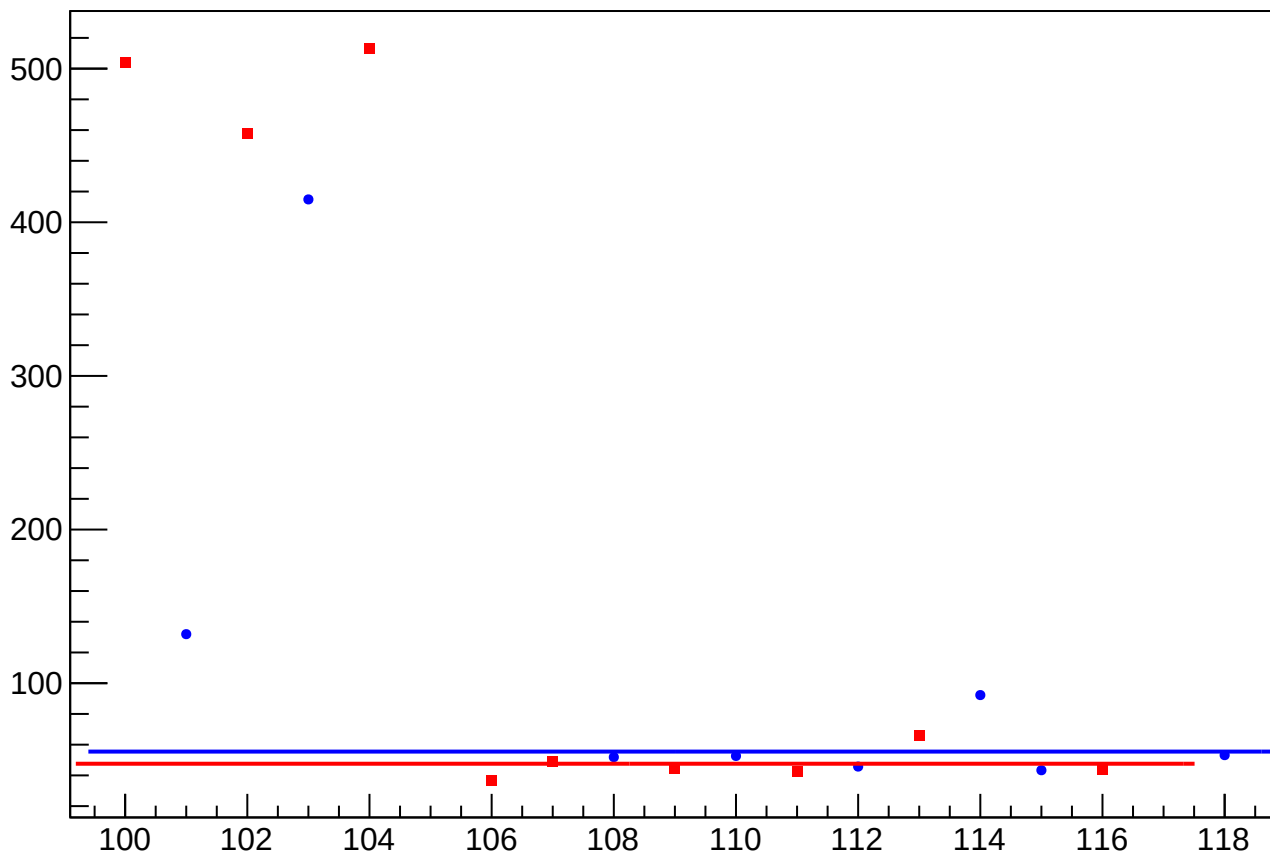
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.029 ± 0.025 χ^2/NDF : 20.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.495 $\pm$ 0.026 χ^2 /NDF: 1303041.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.590 $\pm$ 0.024 χ^2 /NDF: 1753113.7/8

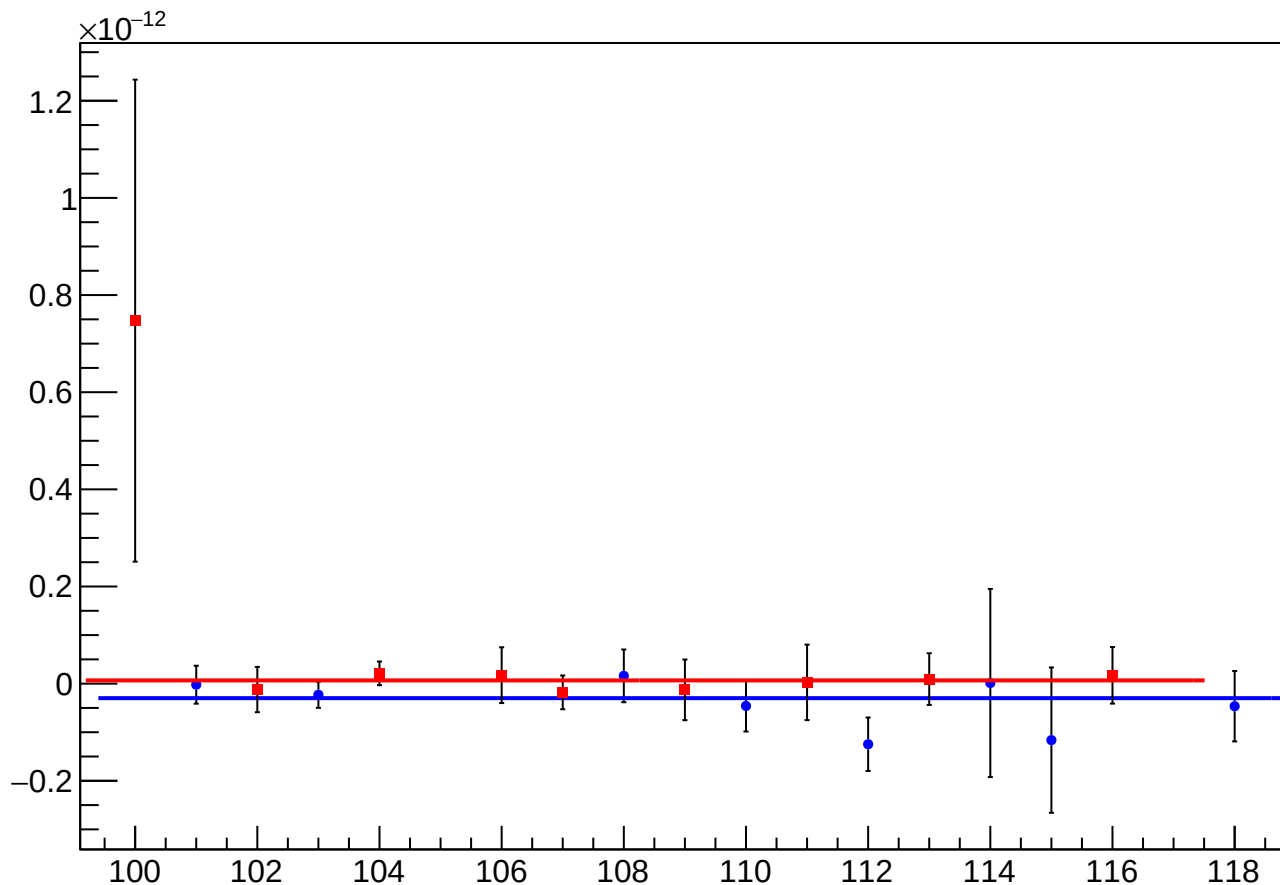
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.225 $\pm$ 0.018 χ^2 /NDF: 3105585.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 3.4/8

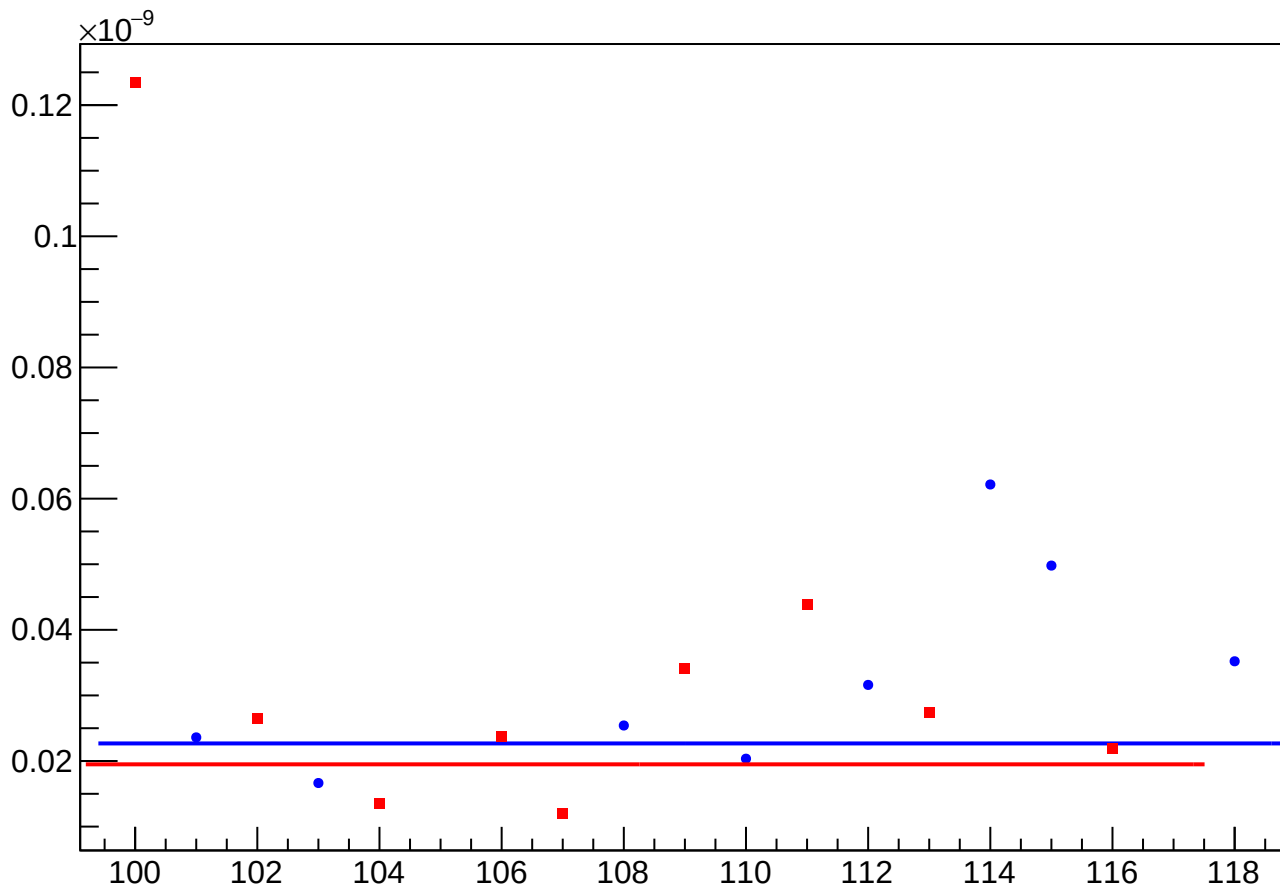
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 707936.4/8

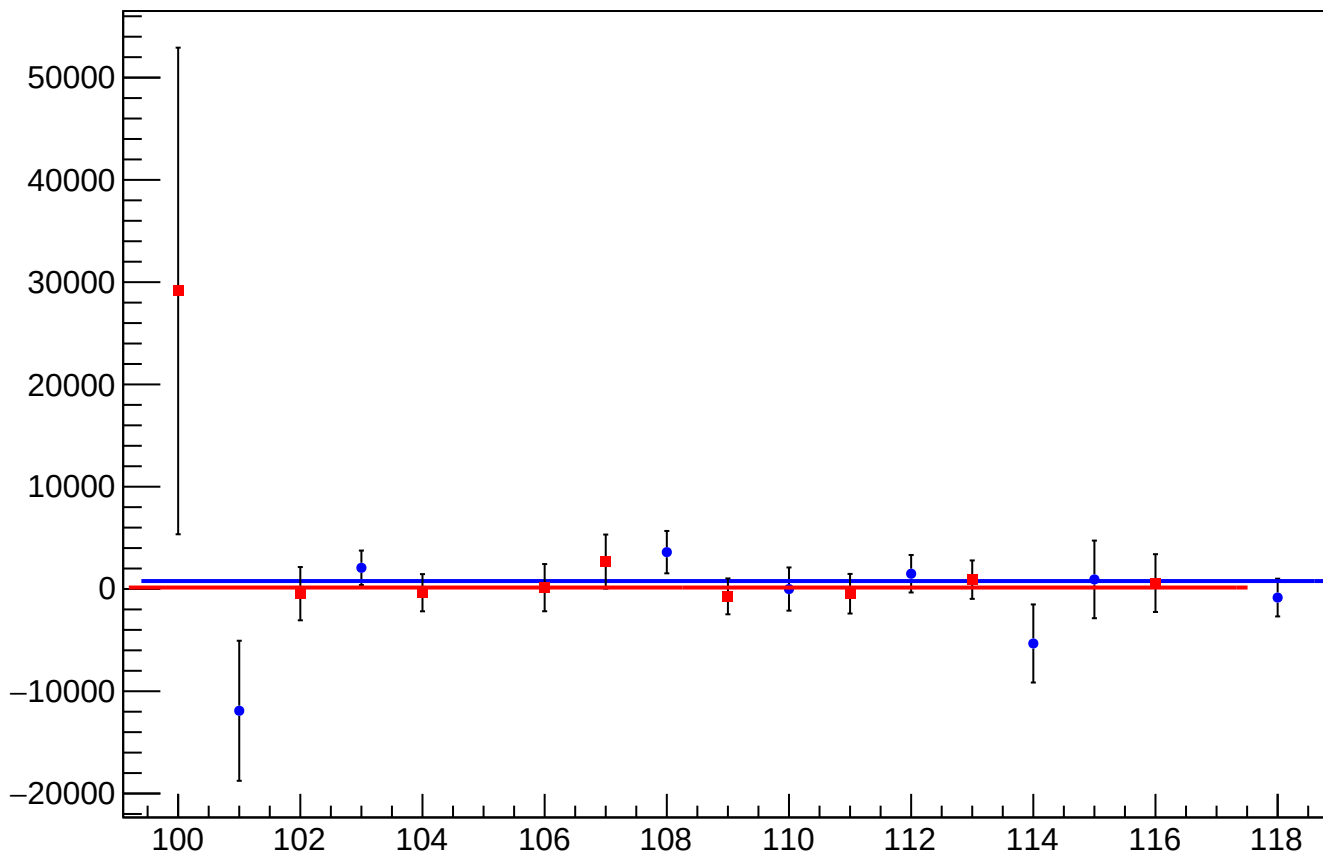
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1117540.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



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: 141.269+/-748.872 χ^2/NDF : 3.1/8

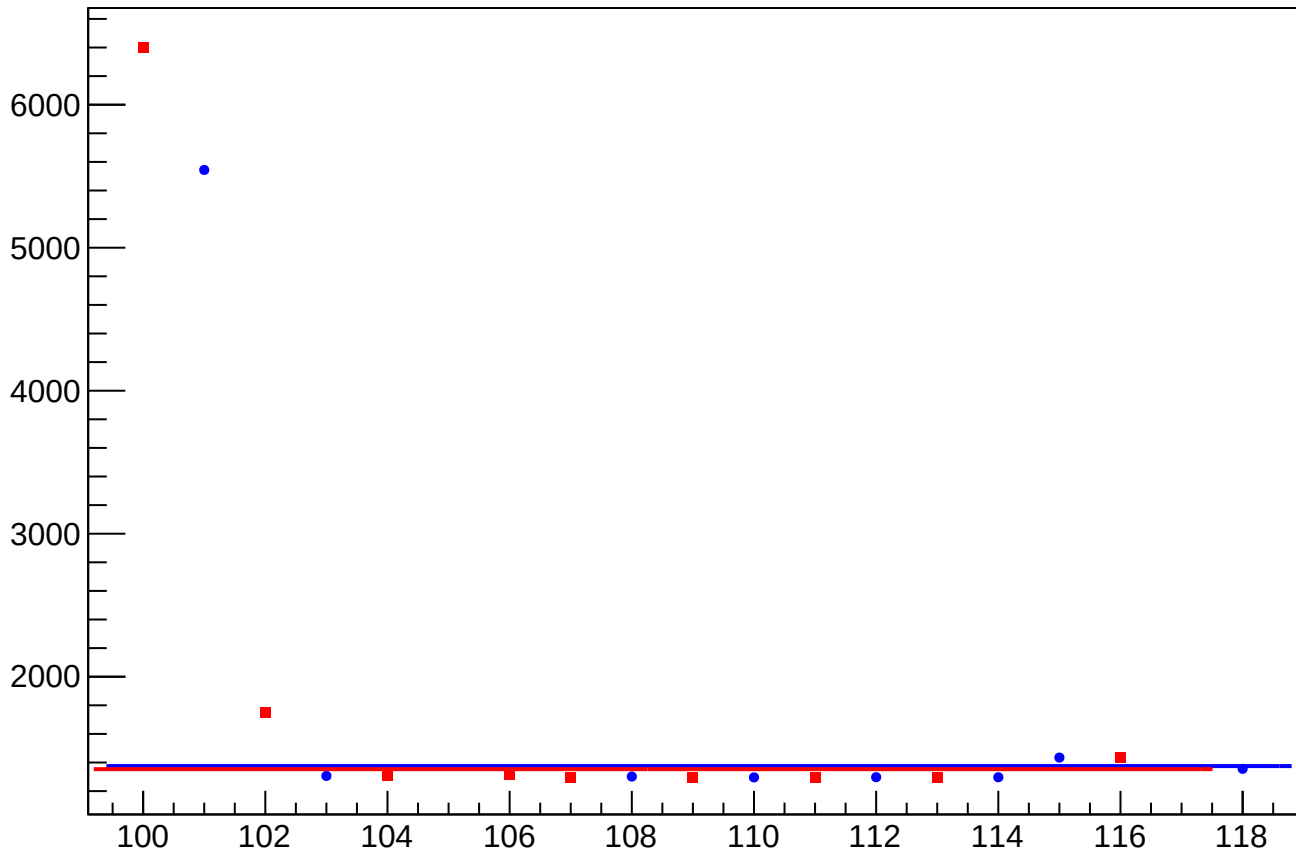
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.578+/-546.934 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



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: 1353.472+/-0.530 χ^2/NDF : 146377.5/8

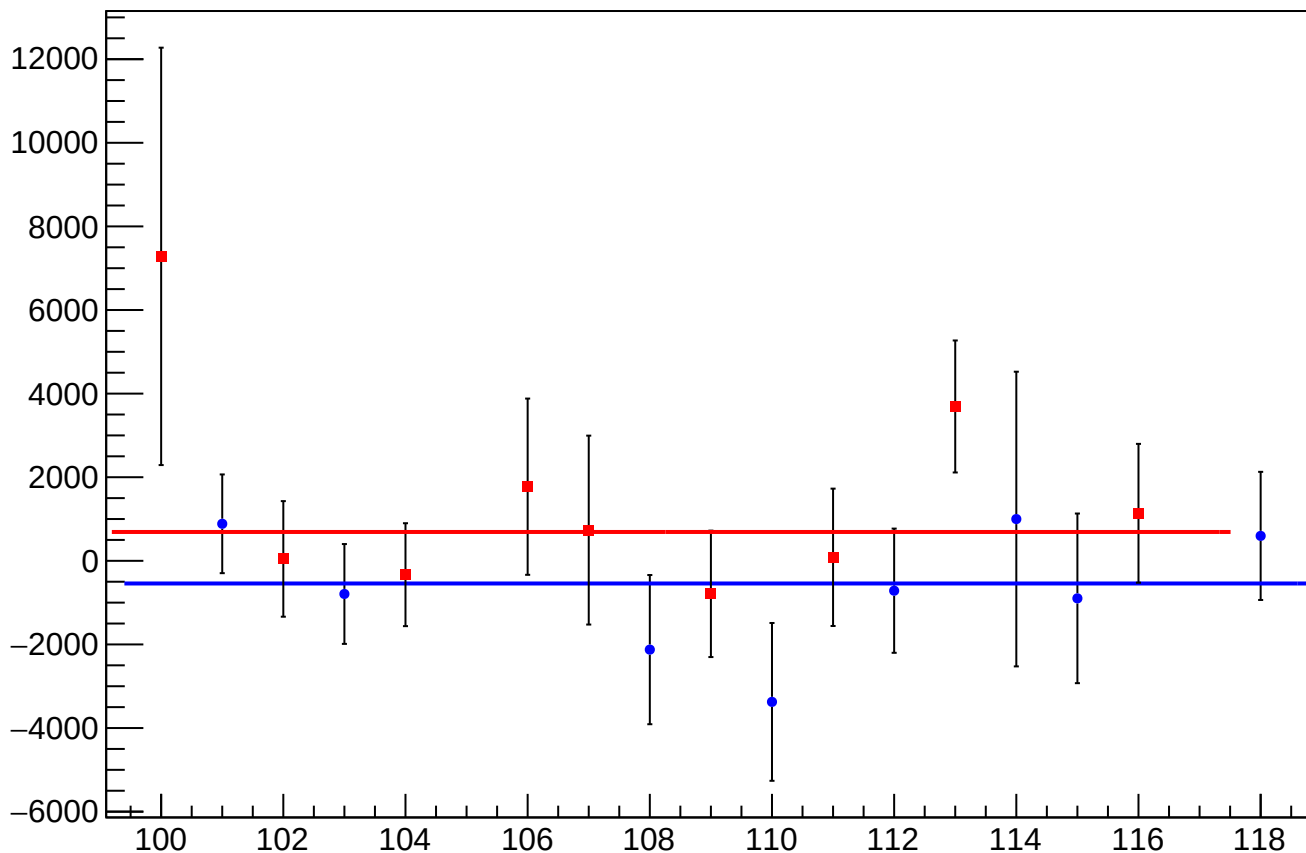
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1363.509+/-0.387 χ^2/NDF : 902298.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



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: 690.236+/-557.640 χ^2/NDF : 7.7/8

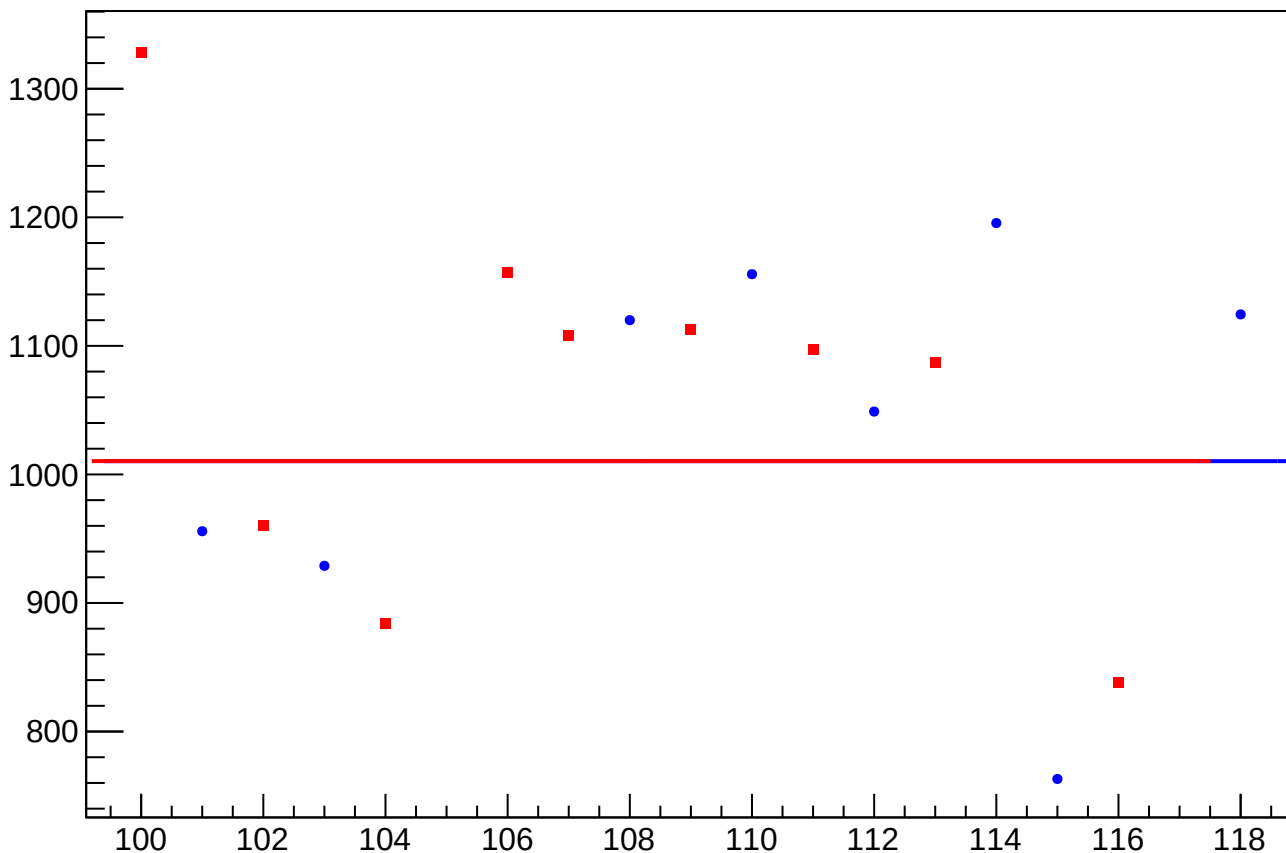
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.181+/-394.326 χ^2/NDF : 15.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 1010.329 $\pm$ 0.394 χ^2 /NDF: 80647.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1010.356 $\pm$ 0.394 χ^2 /NDF: 86426.4/8

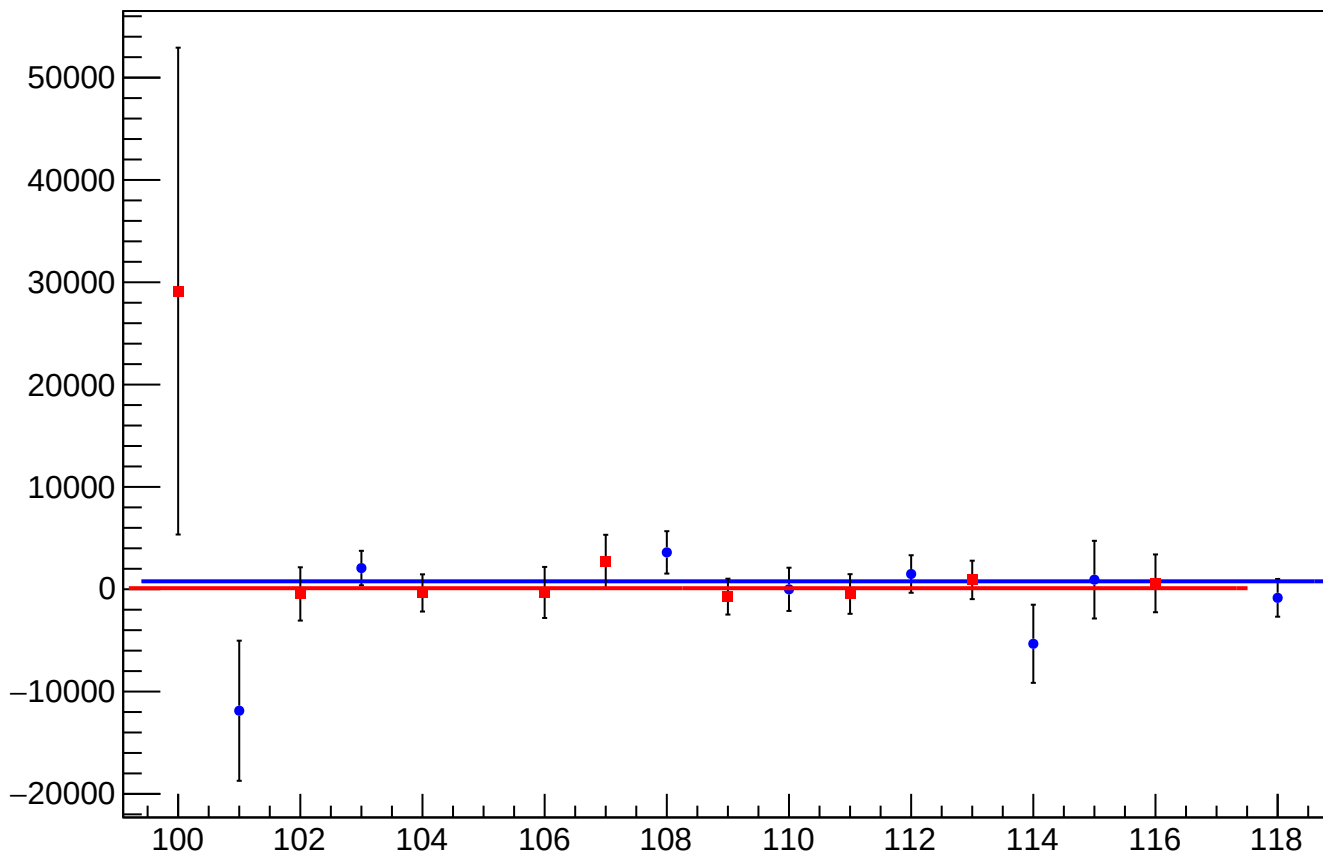
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1010.342 $\pm$ 0.279 χ^2 /NDF: 167074.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



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: 101.655+/-754.619 χ^2/NDF : 3.1/8

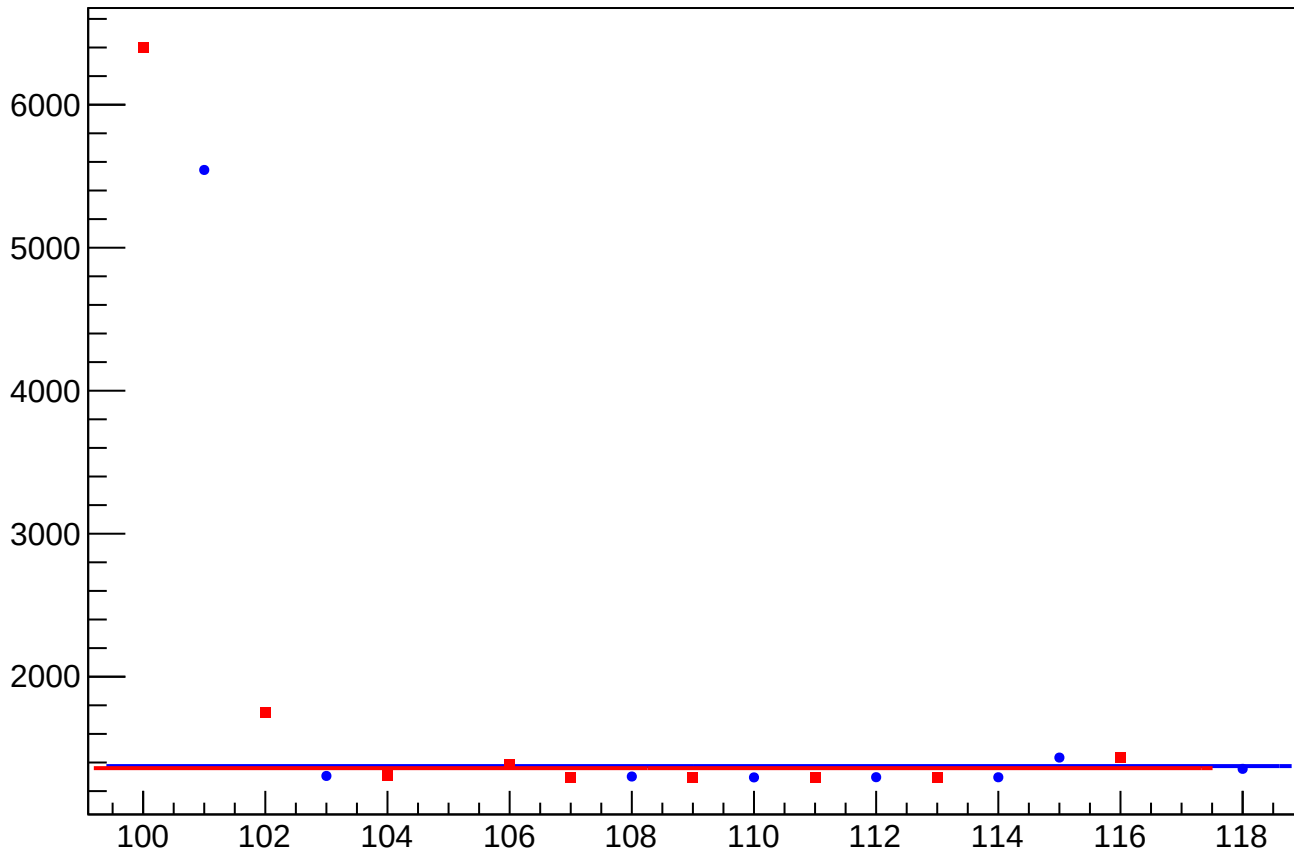
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.236+/-549.161 χ^2/NDF : 13.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



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: 1360.547+/-0.534 χ^2/NDF : 146116.7/8

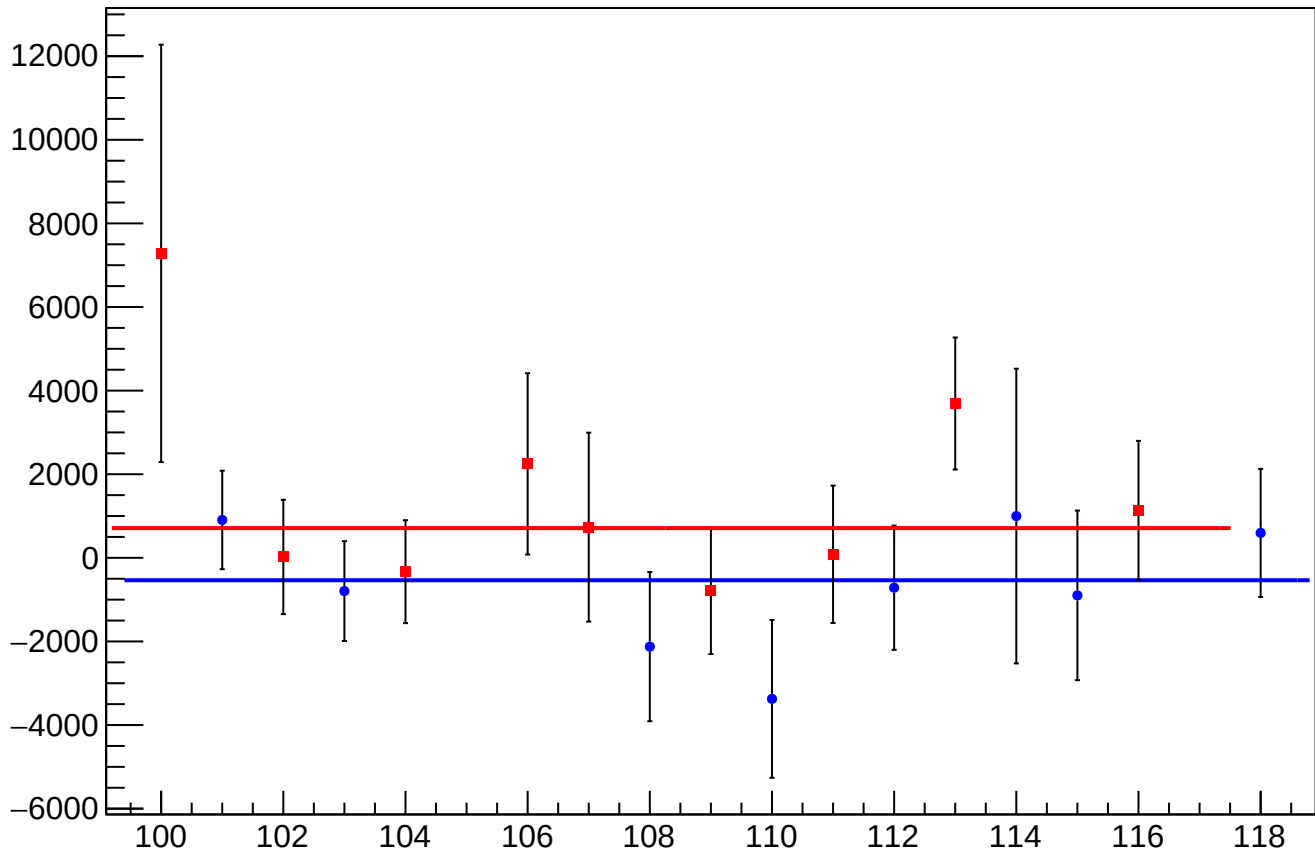
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1367.337+/-0.388 χ^2/NDF : 901611.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: -536.342 $\pm$ 557.427 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 710.938 $\pm$ 557.677 χ^2 /NDF: 8.0/8

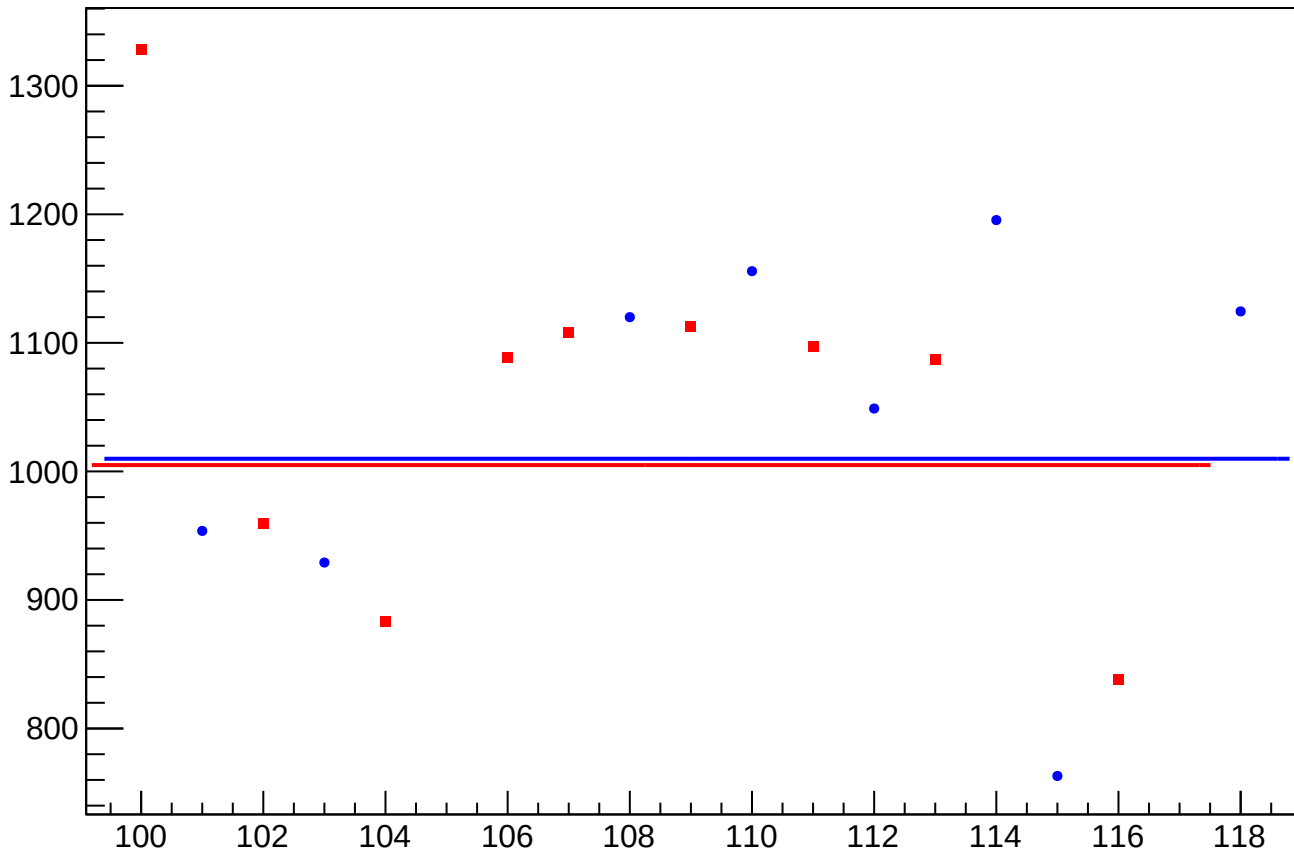
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.019 $\pm$ 394.249 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



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: 1004.924+/-0.394 χ^2/NDF : 79305.4/8

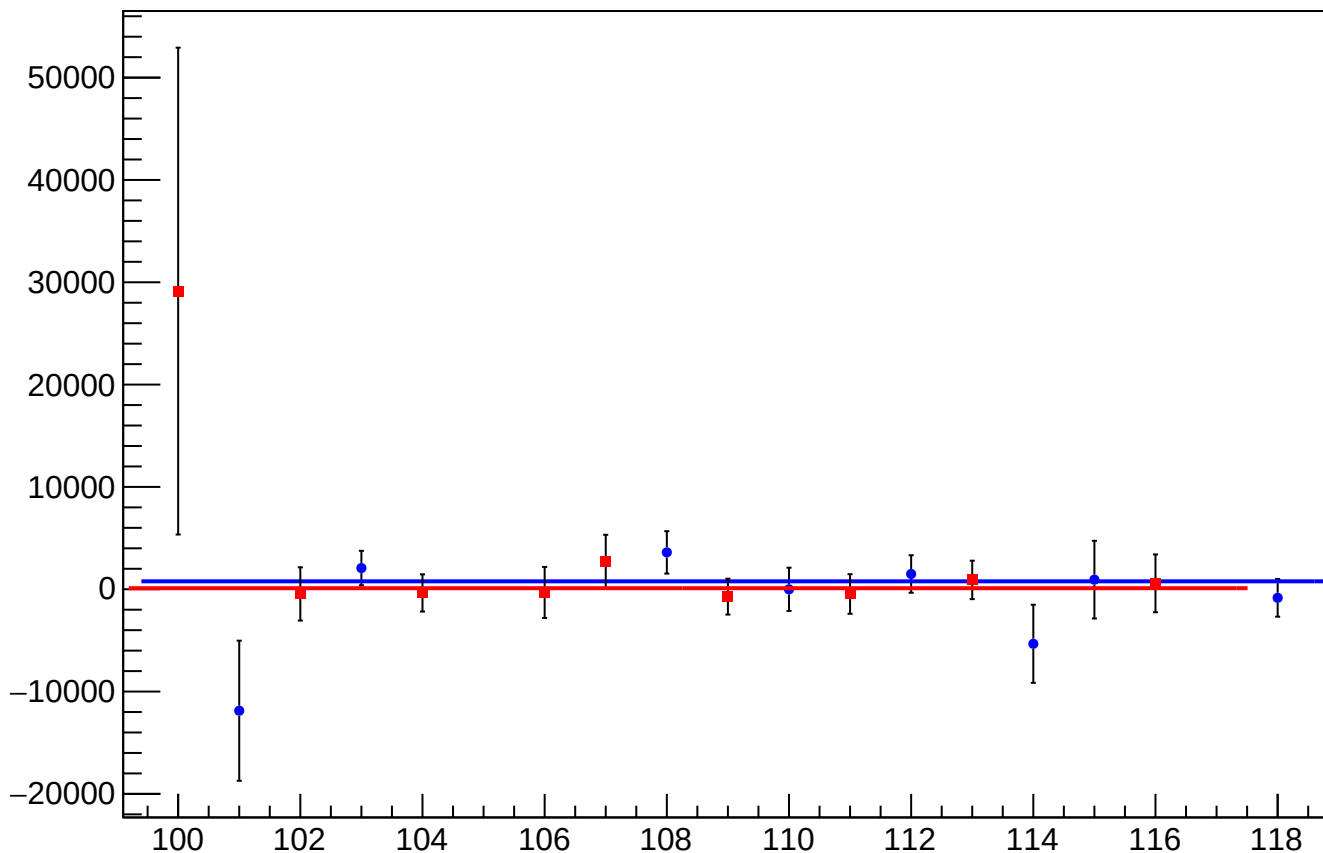
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.390+/-0.279 χ^2/NDF : 160338.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 774.652 $\pm$ 800.690 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.655 $\pm$ 754.619 χ^2 /NDF: 3.1/8

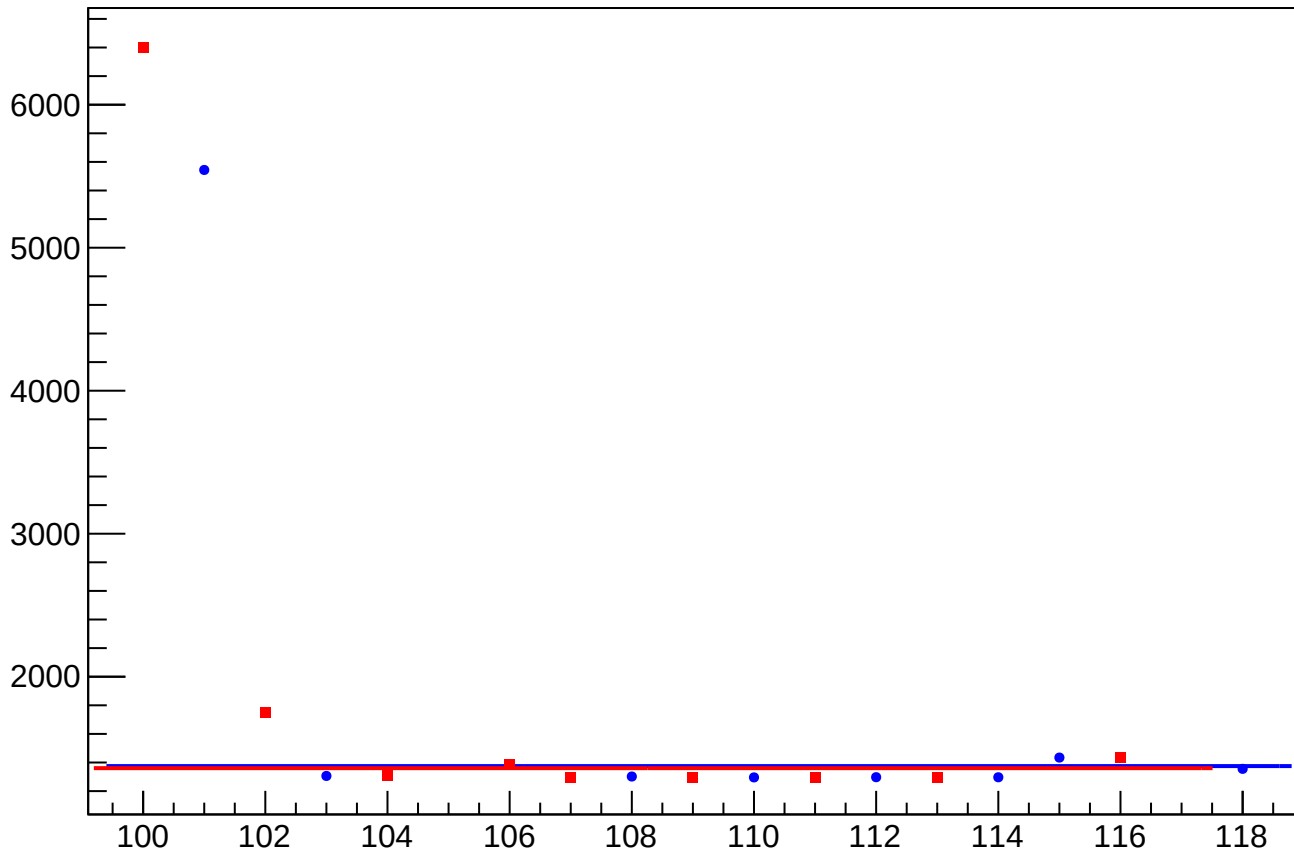
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 418.236 $\pm$ 549.161 χ^2 /NDF: 13.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



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: 1360.547+/-0.534 χ^2/NDF : 146116.7/8

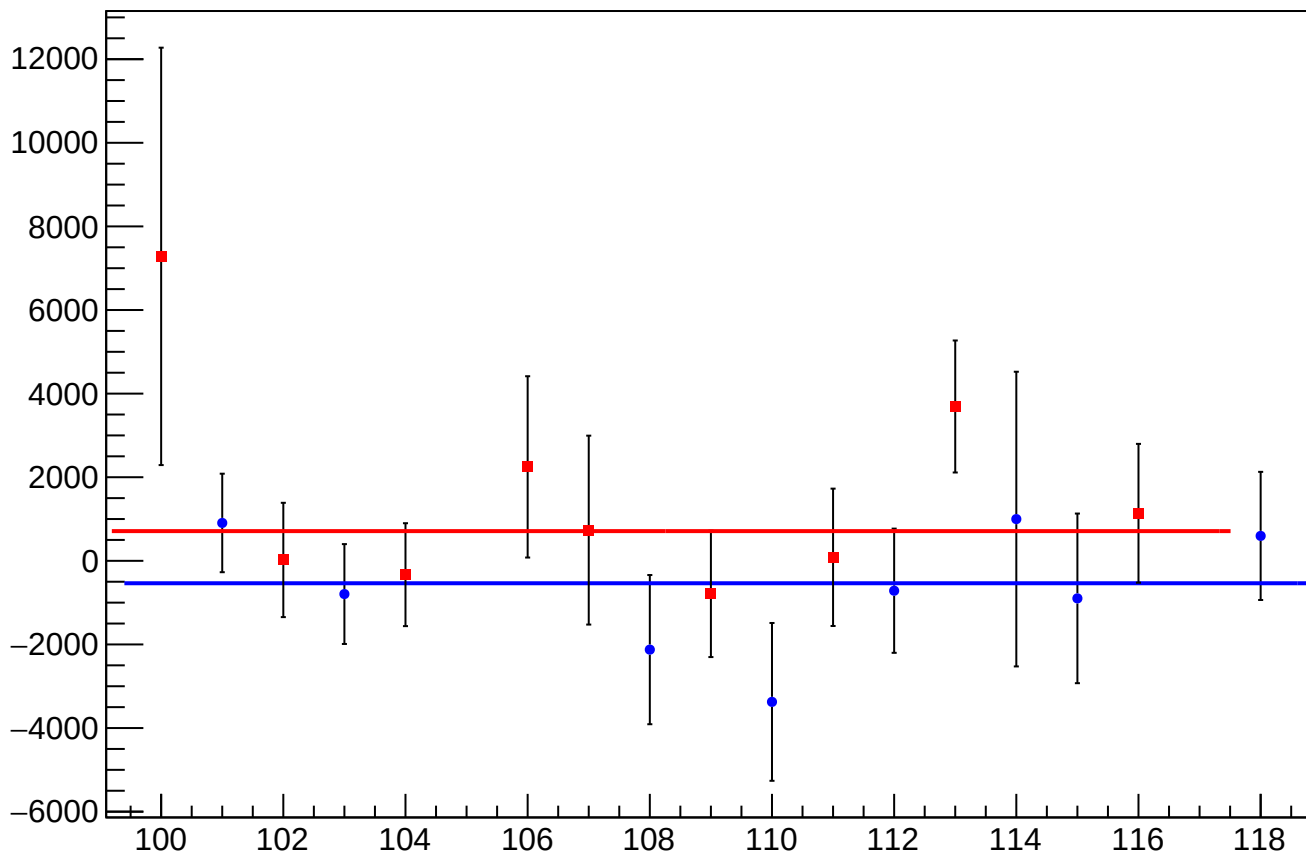
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1367.337+/-0.388 χ^2/NDF : 901611.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -536.342 $\pm$ 557.427 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 710.938 $\pm$ 557.677 χ^2 /NDF: 8.0/8

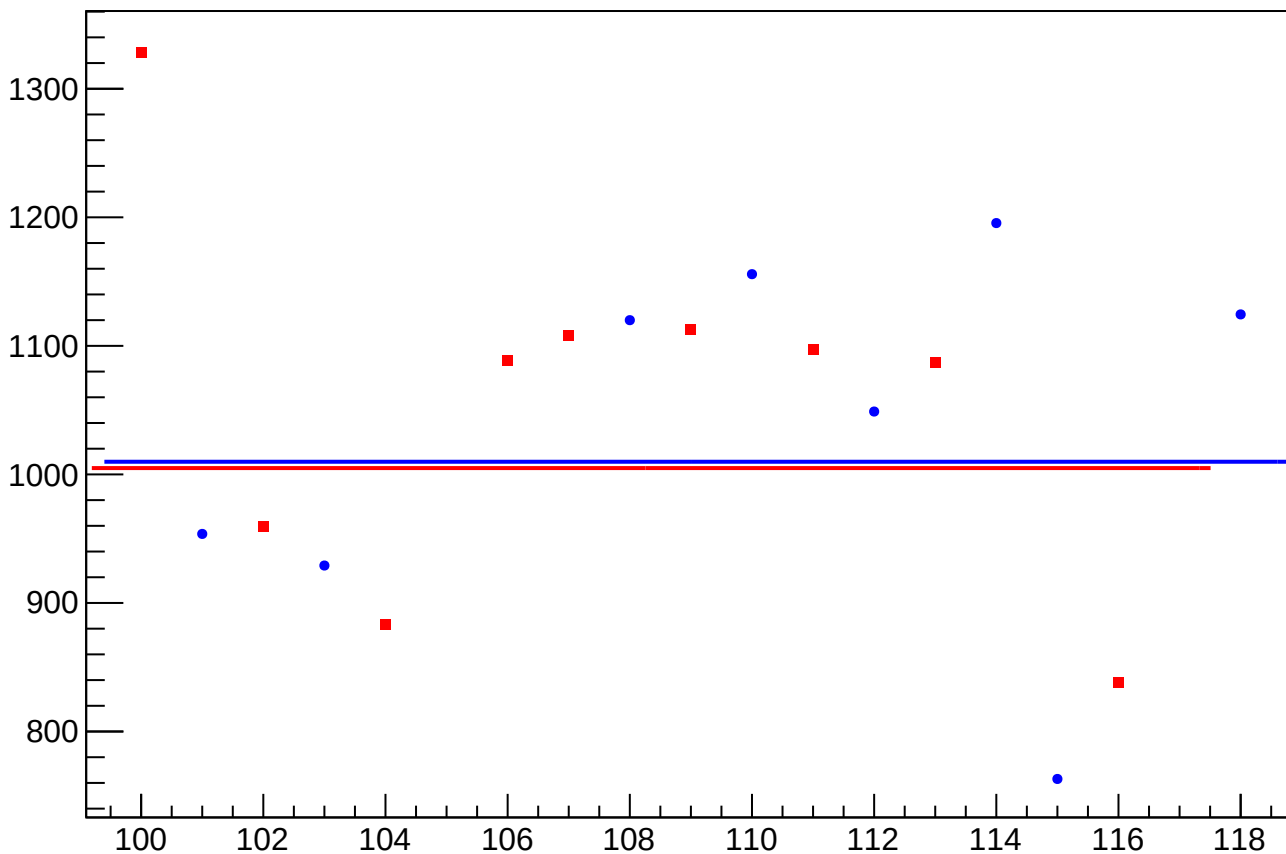
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.019 $\pm$ 394.249 χ^2 /NDF: 15.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



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: 1004.924+/-0.394 χ^2/NDF : 79305.4/8

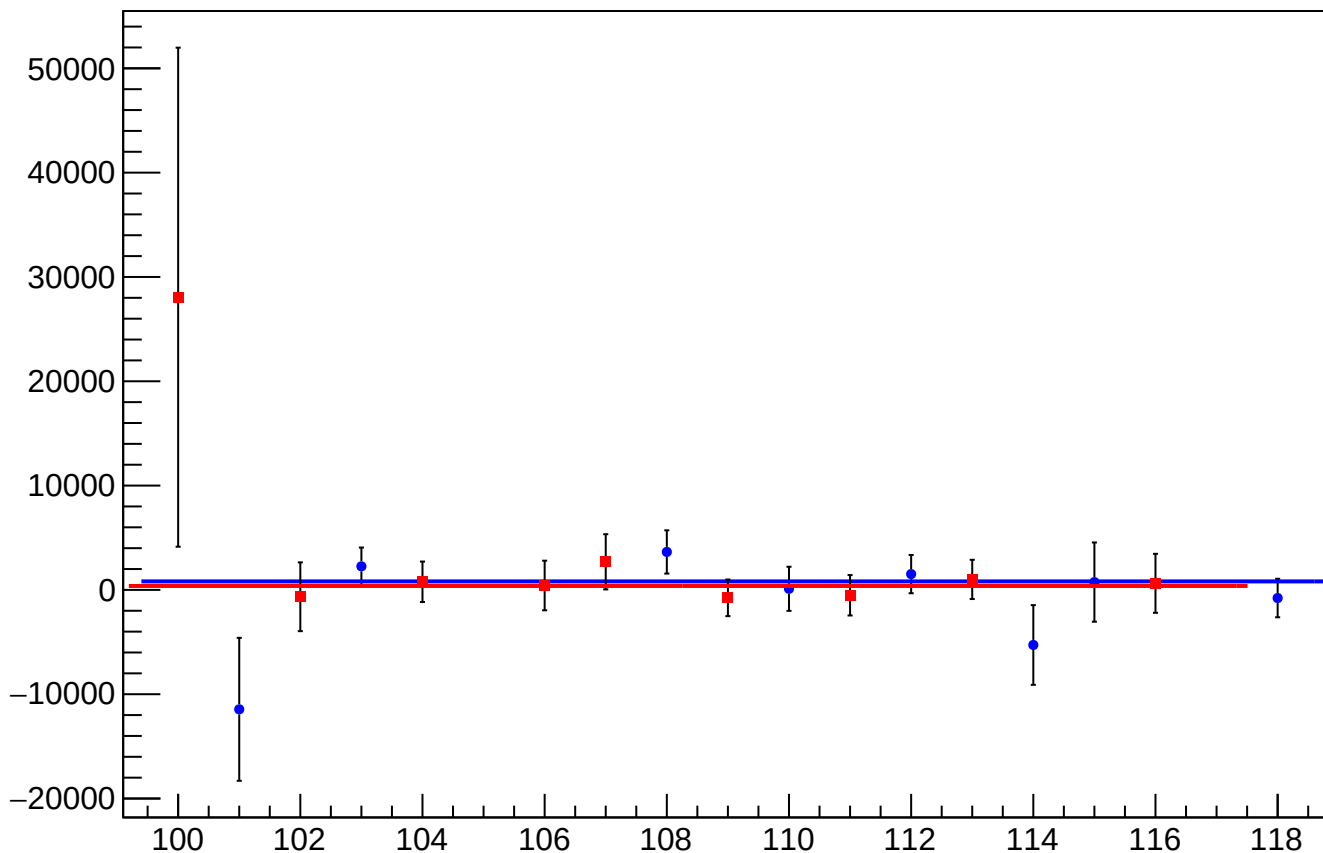
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.390+/-0.279 χ^2/NDF : 160338.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



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: 377.449+/-771.929 χ^2/NDF : 3.0/8

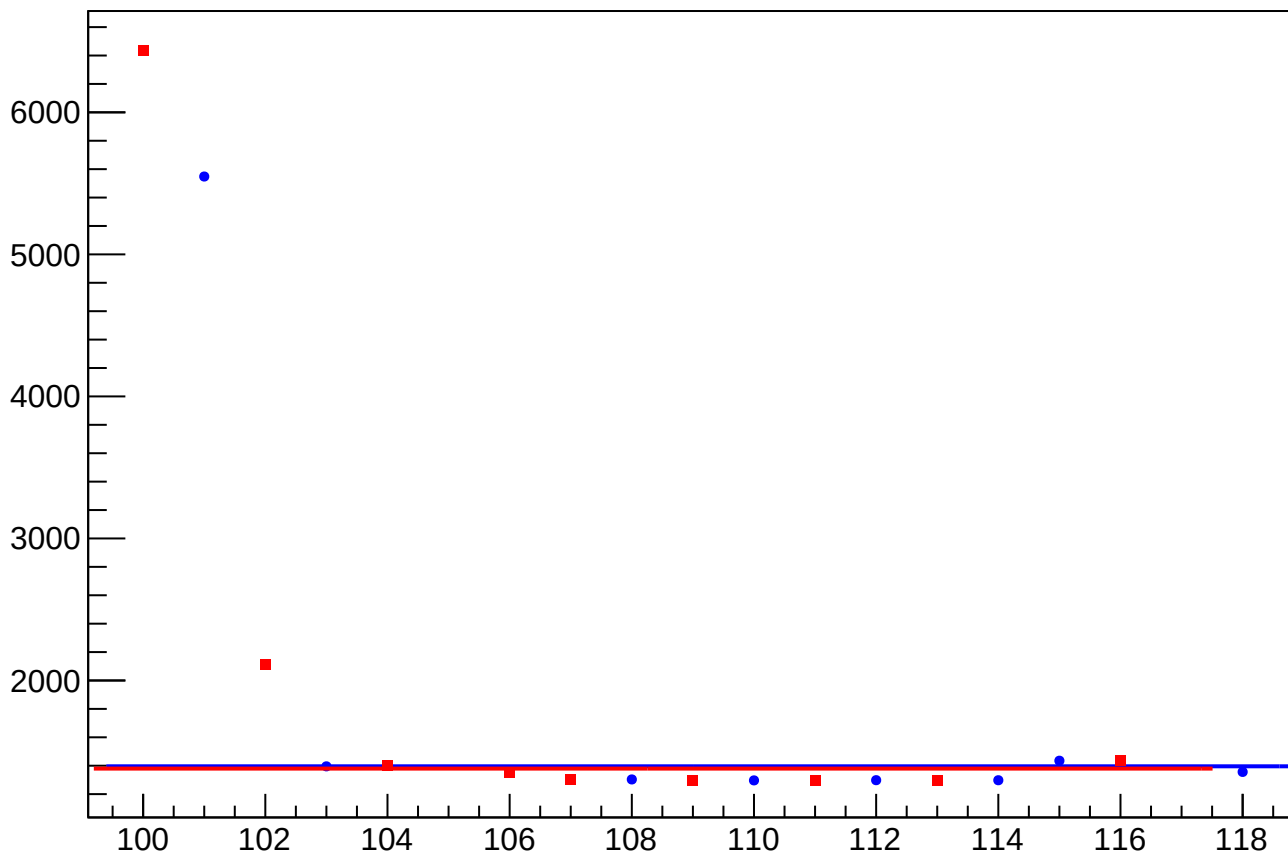
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.744+/-559.639 χ^2/NDF : 12.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1395.842 $\pm$ 0.575 χ^2 /NDF: 750888.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1379.713 $\pm$ 0.546 χ^2 /NDF: 202456.2/8

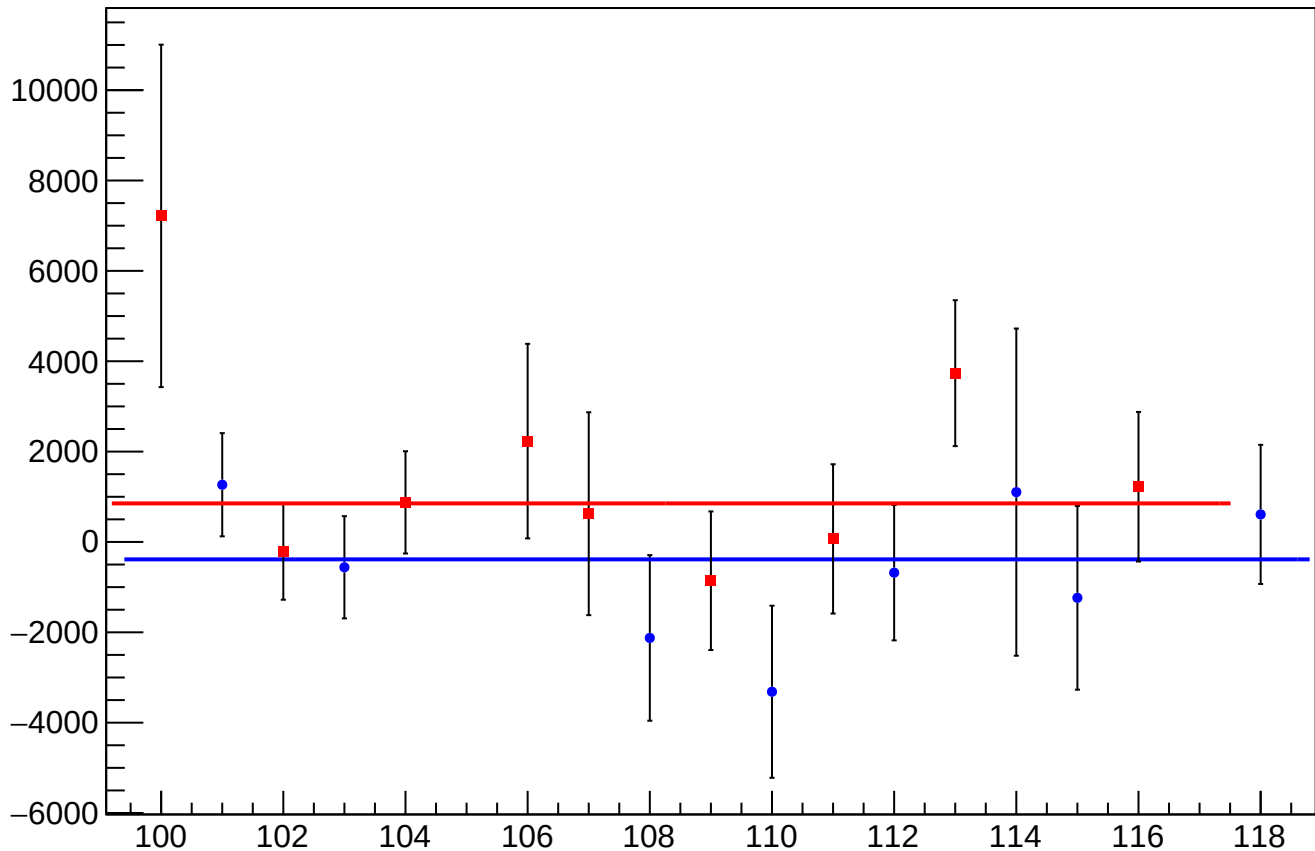
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1387.365 $\pm$ 0.396 χ^2 /NDF: 953759.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



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: 853.481+/-520.999 χ^2/NDF : 8.9/8

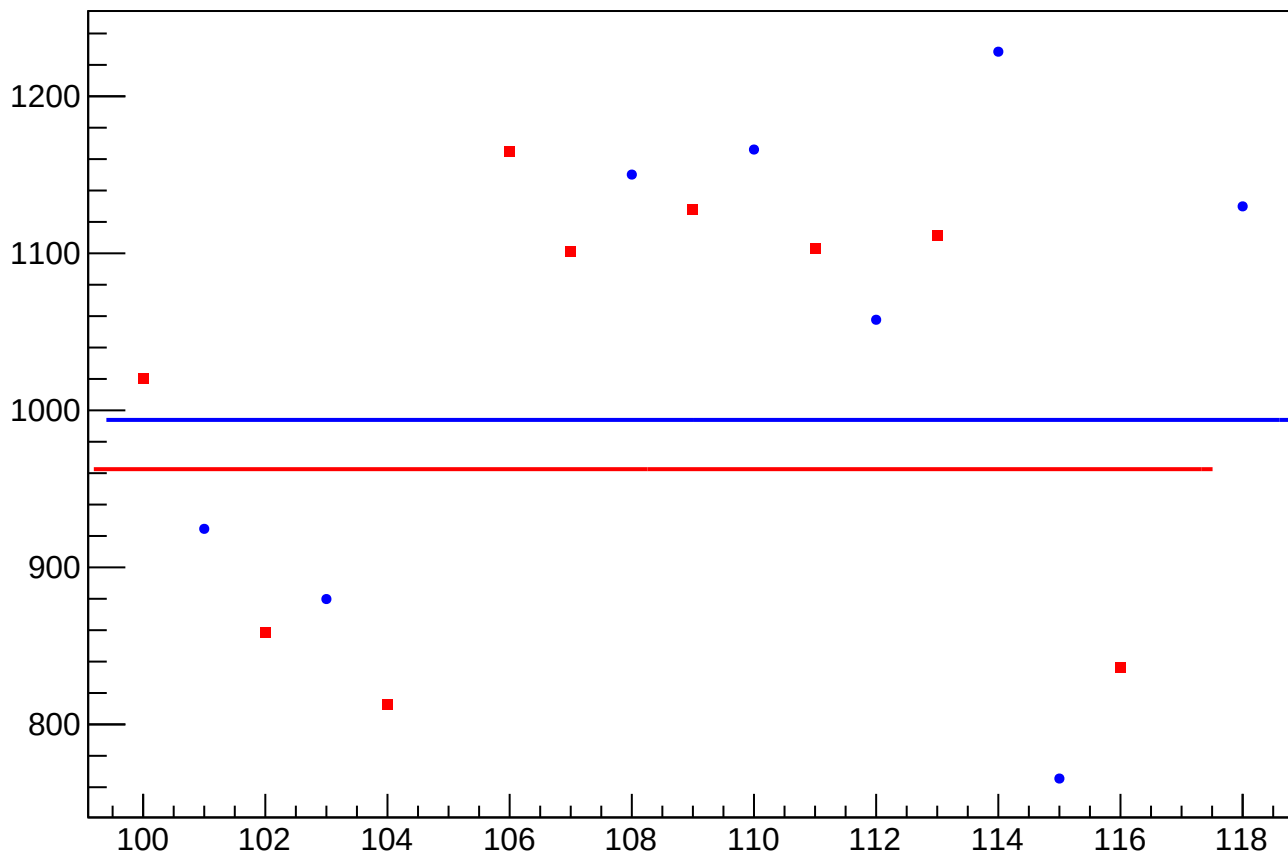
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.425+/-378.194 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 993.915 $\pm$ 0.389 χ^2 /NDF: 111457.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.547 $\pm$ 0.368 χ^2 /NDF: 146118.1/8

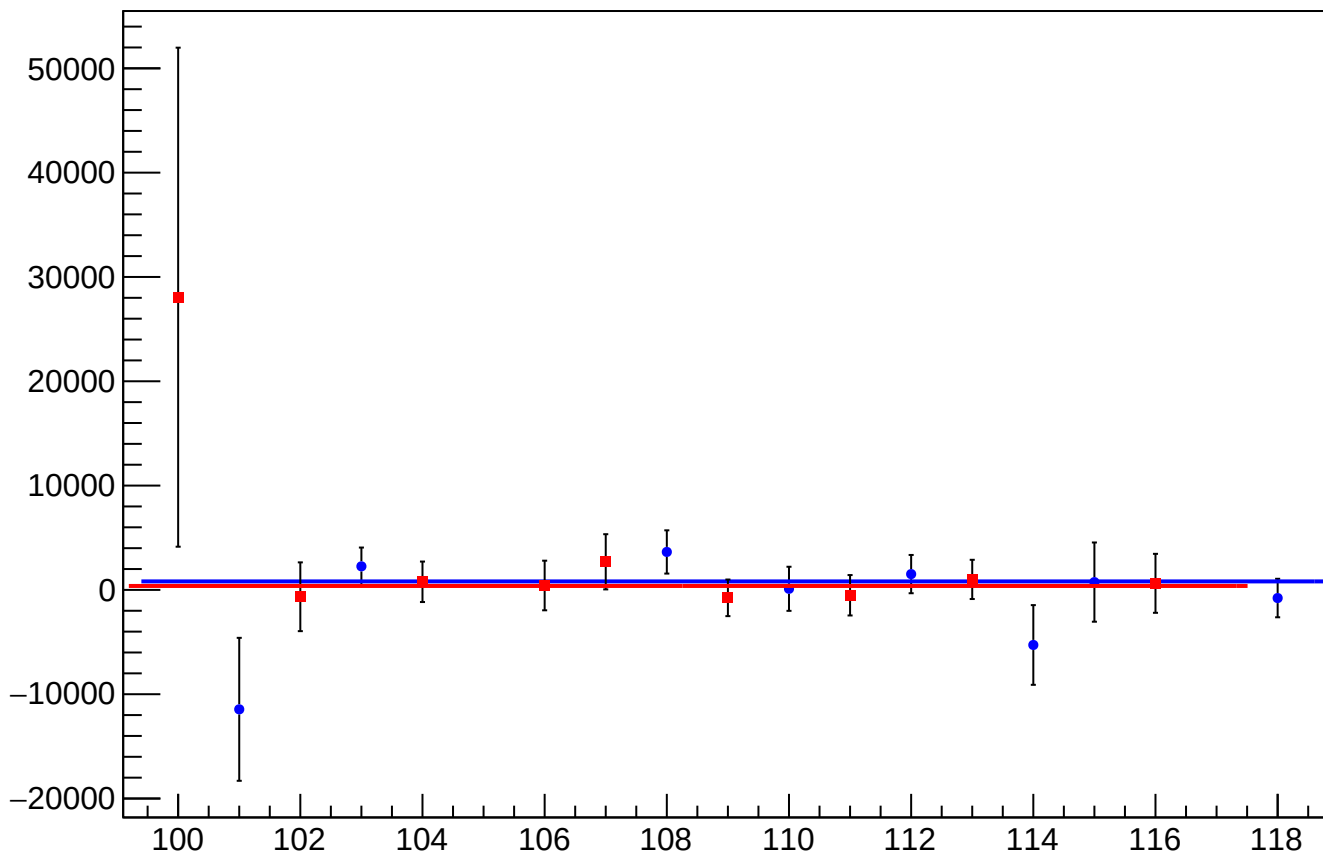
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 977.386 $\pm$ 0.267 χ^2 /NDF: 261005.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



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: 377.446+/-771.929 χ^2/NDF : 3.0/8

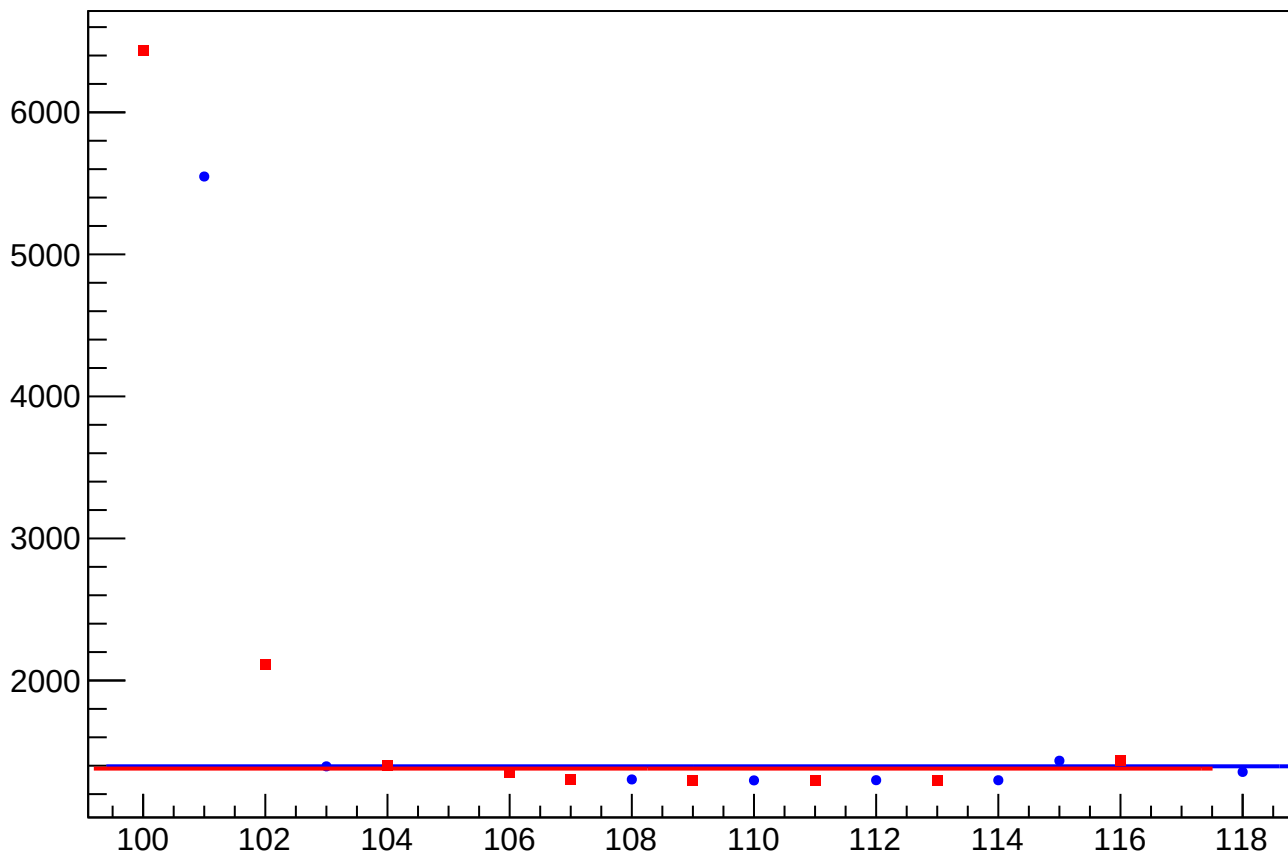
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 584.743+/-559.639 χ^2/NDF : 12.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1395.842 $\pm$ 0.575 χ^2 /NDF: 750888.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1379.713 $\pm$ 0.546 χ^2 /NDF: 202456.2/8

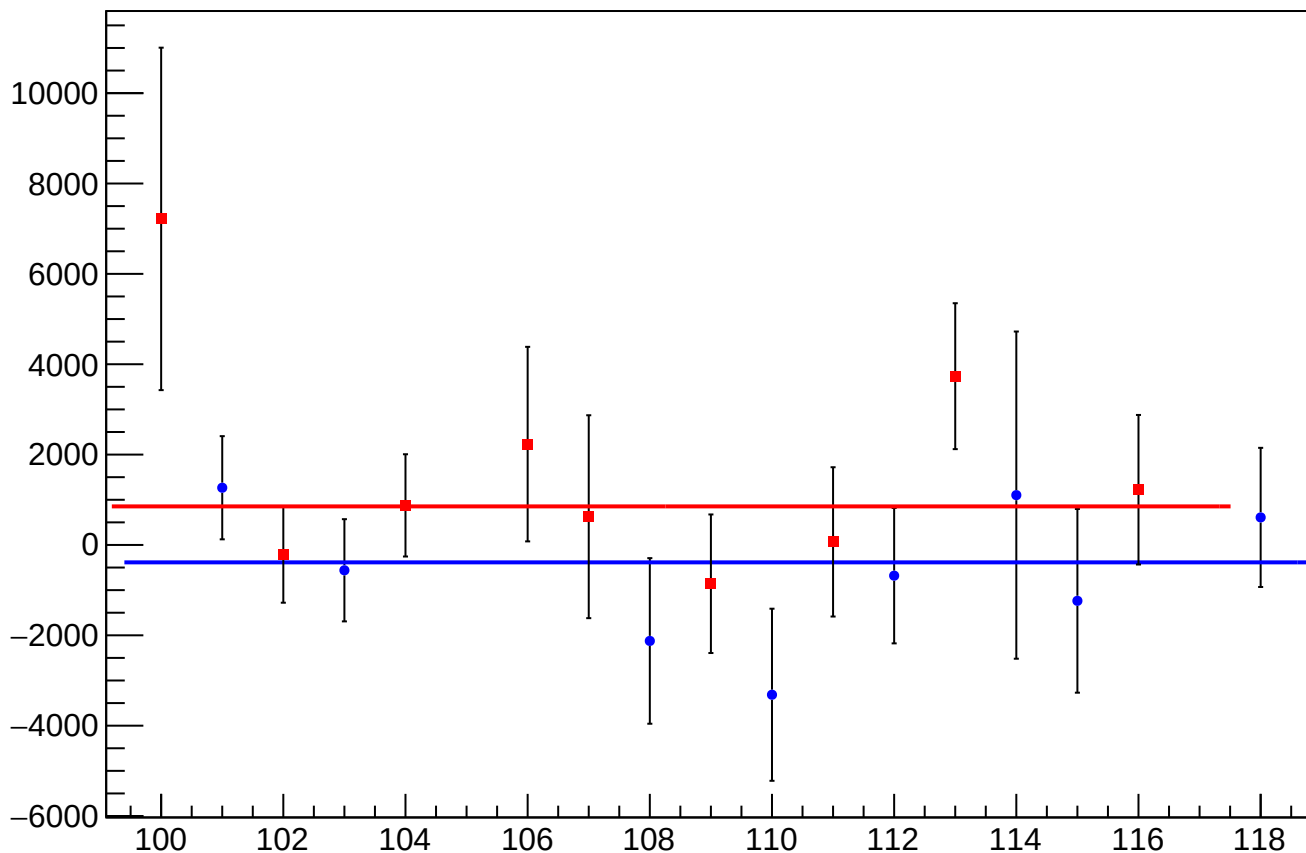
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1387.365 $\pm$ 0.396 χ^2 /NDF: 953759.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



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: 853.482+/-520.999 χ^2/NDF : 8.9/8

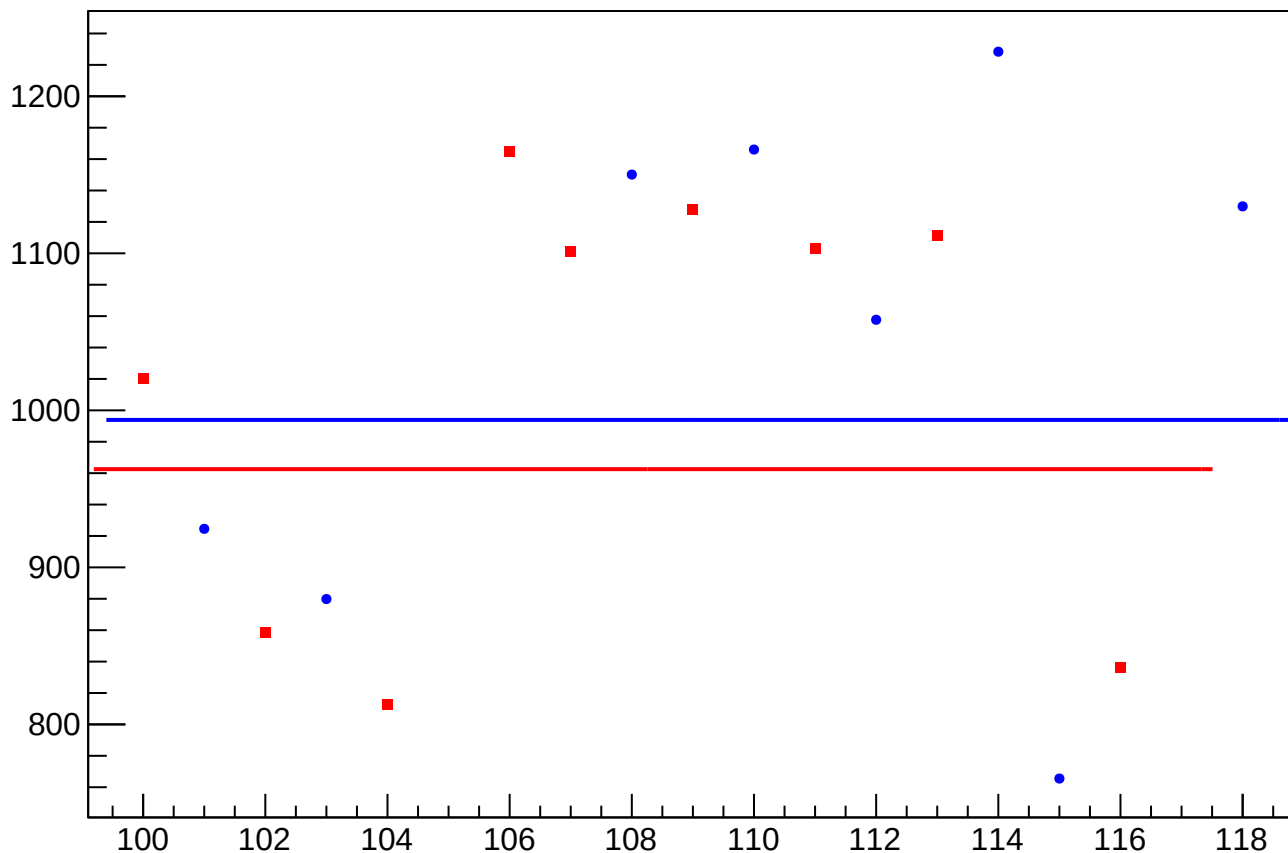
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.425+/-378.193 χ^2/NDF : 17.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



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: 962.546+/-0.368 χ^2/NDF : 146115.1/8

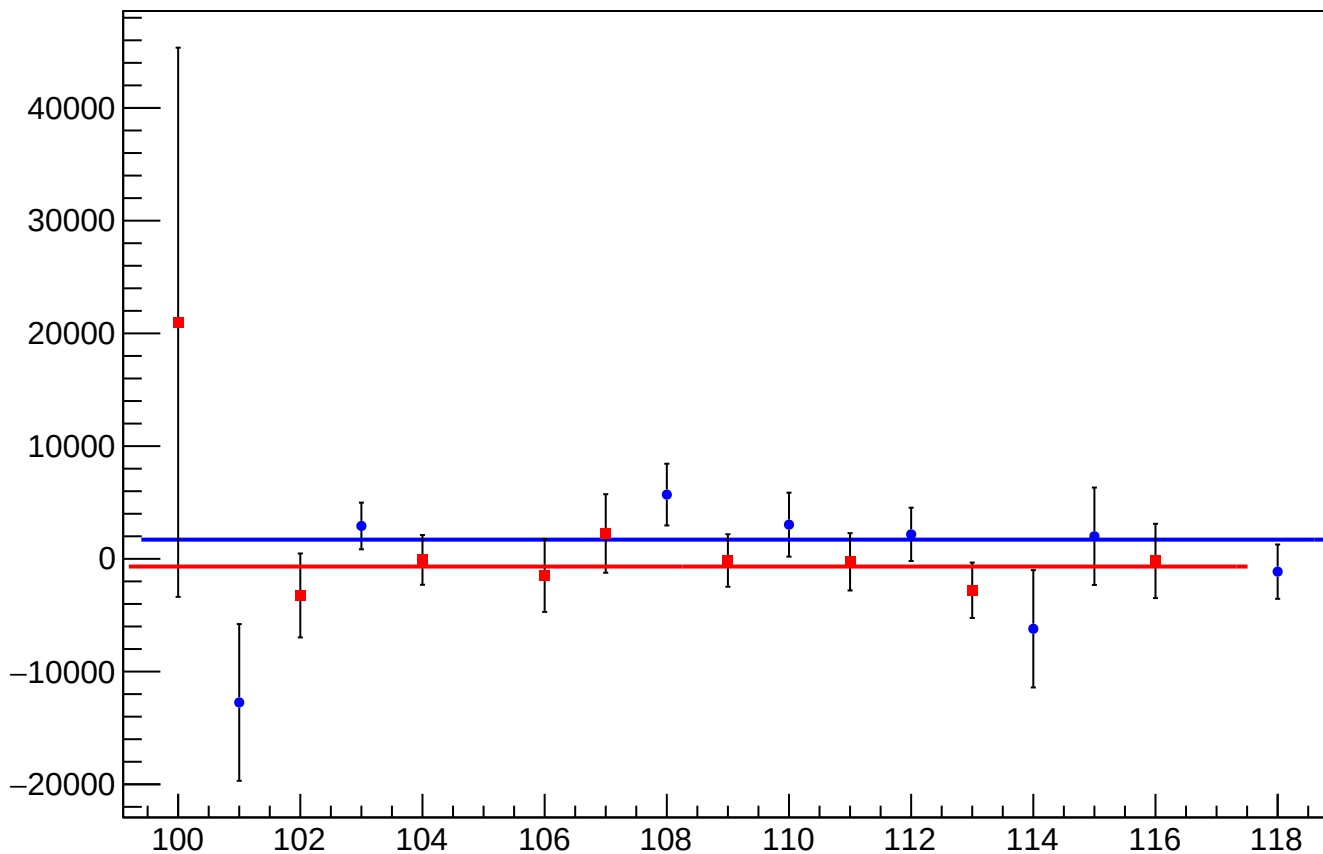
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 977.385+/-0.267 χ^2/NDF : 260999.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_mean vs Slug



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: -682.534+/-974.016 χ^2/NDF : 2.9/8

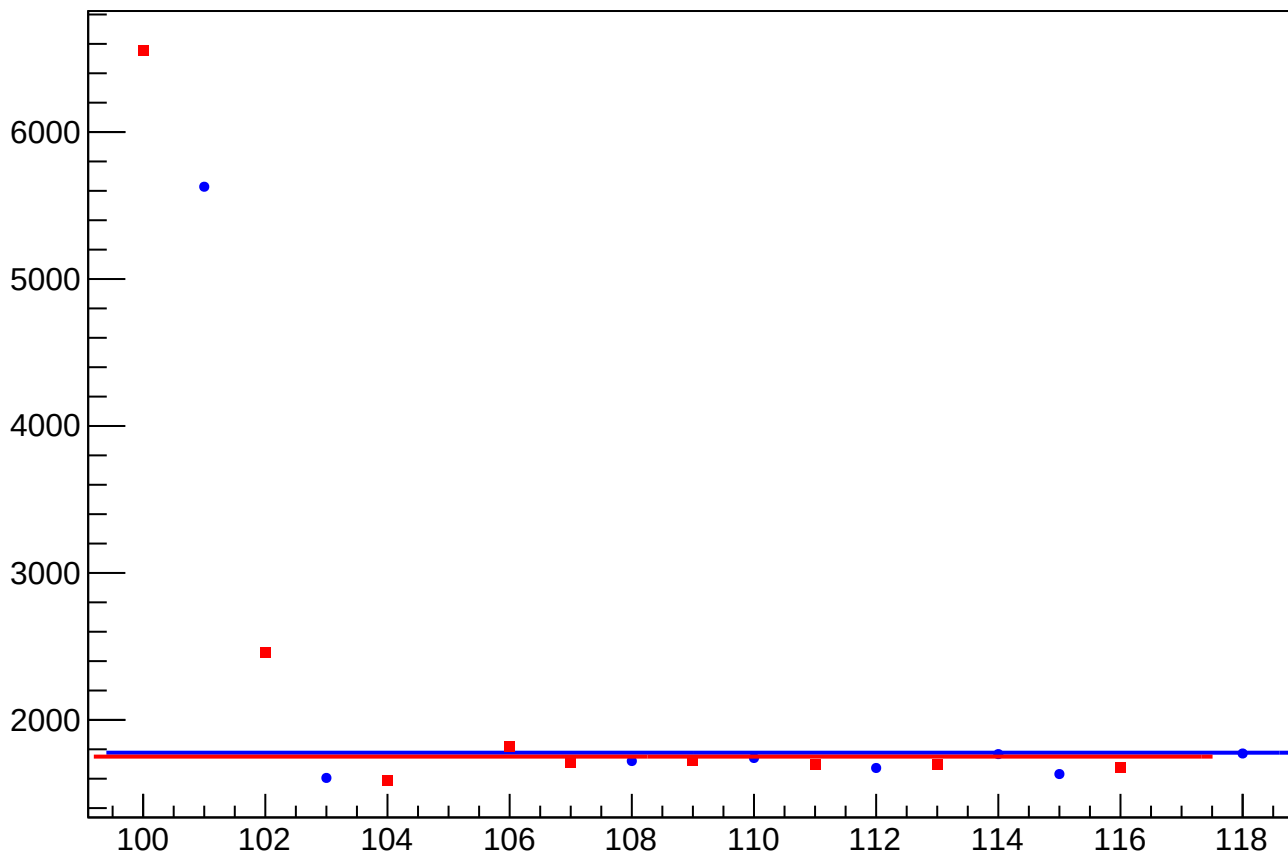
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 451.271+/-705.864 χ^2/NDF : 16.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1776.952 $\pm$ 0.724 χ^2 /NDF: 635031.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1750.254 $\pm$ 0.689 χ^2 /NDF: 165197.8/8

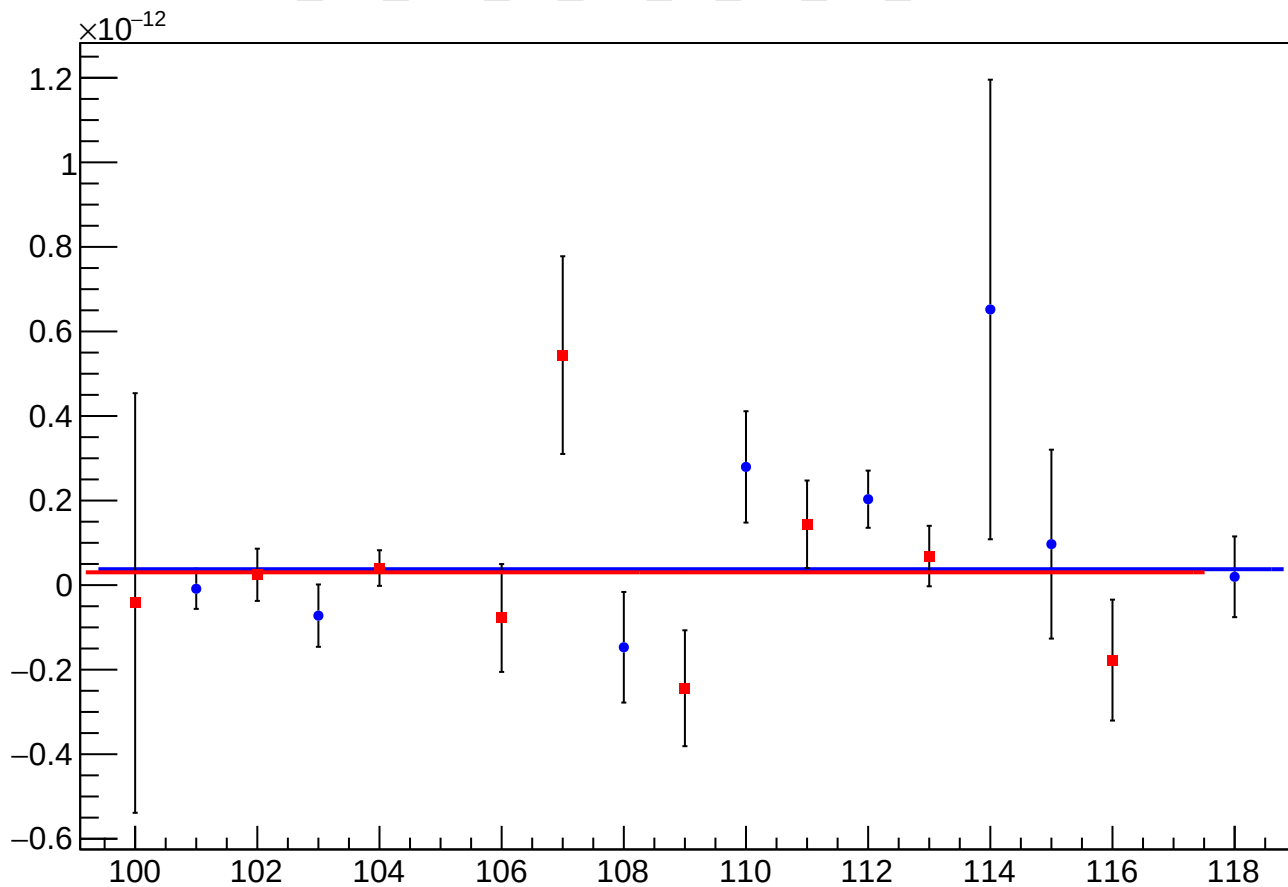
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1762.930 $\pm$ 0.499 χ^2 /NDF: 800943.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/8

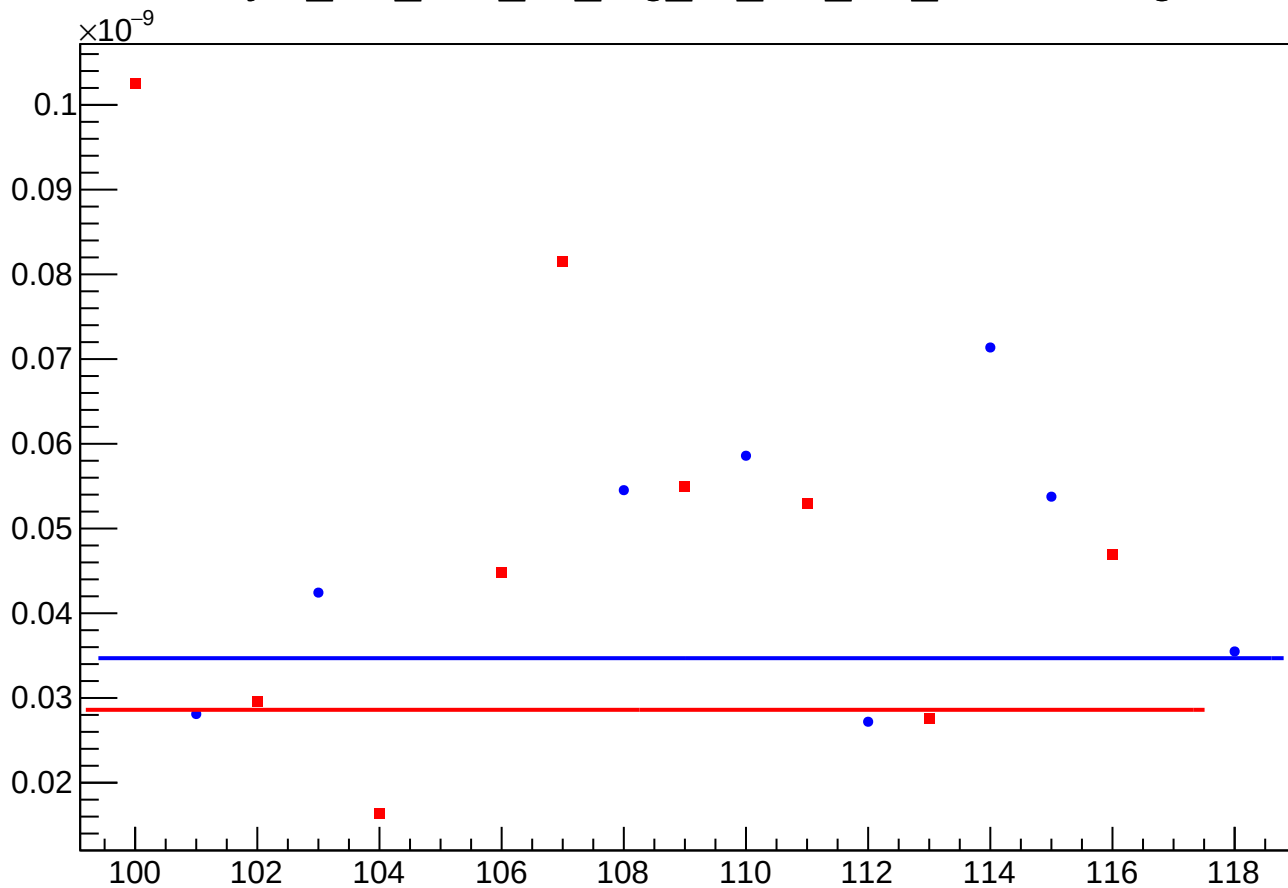
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug



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 : 567444.7/8

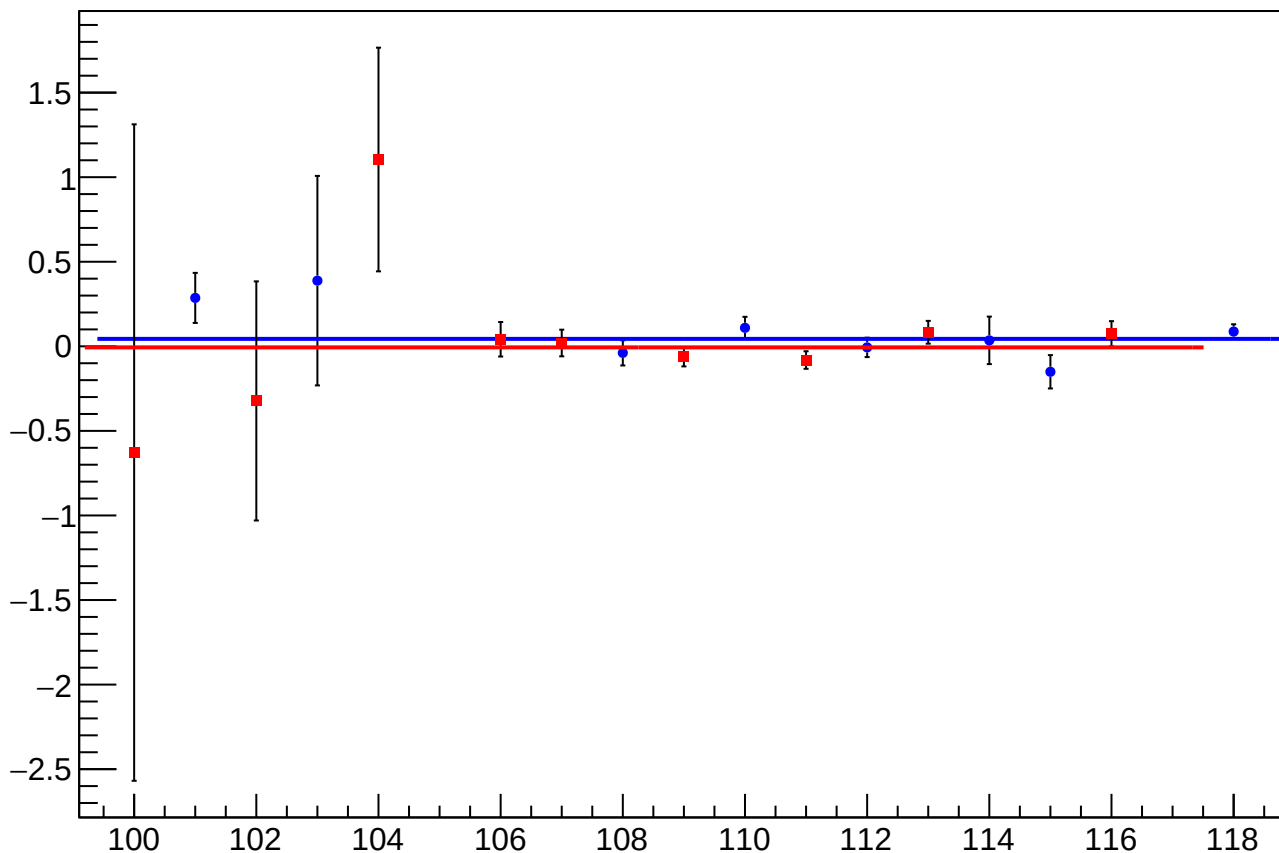
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

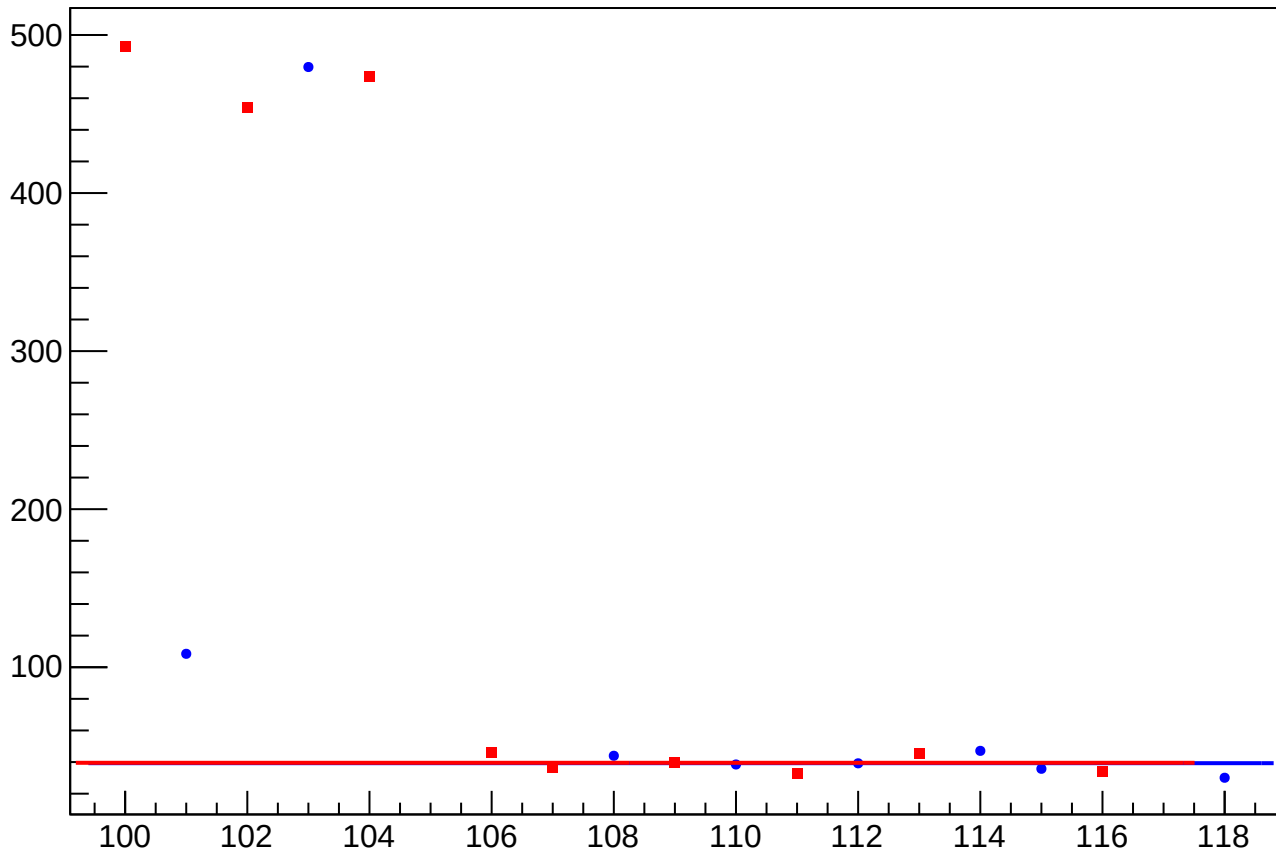
All: 0.000+/-0.000 χ^2/NDF : 832205.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



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: 39.540+/-0.019 χ^2/NDF : 1727156.8/8

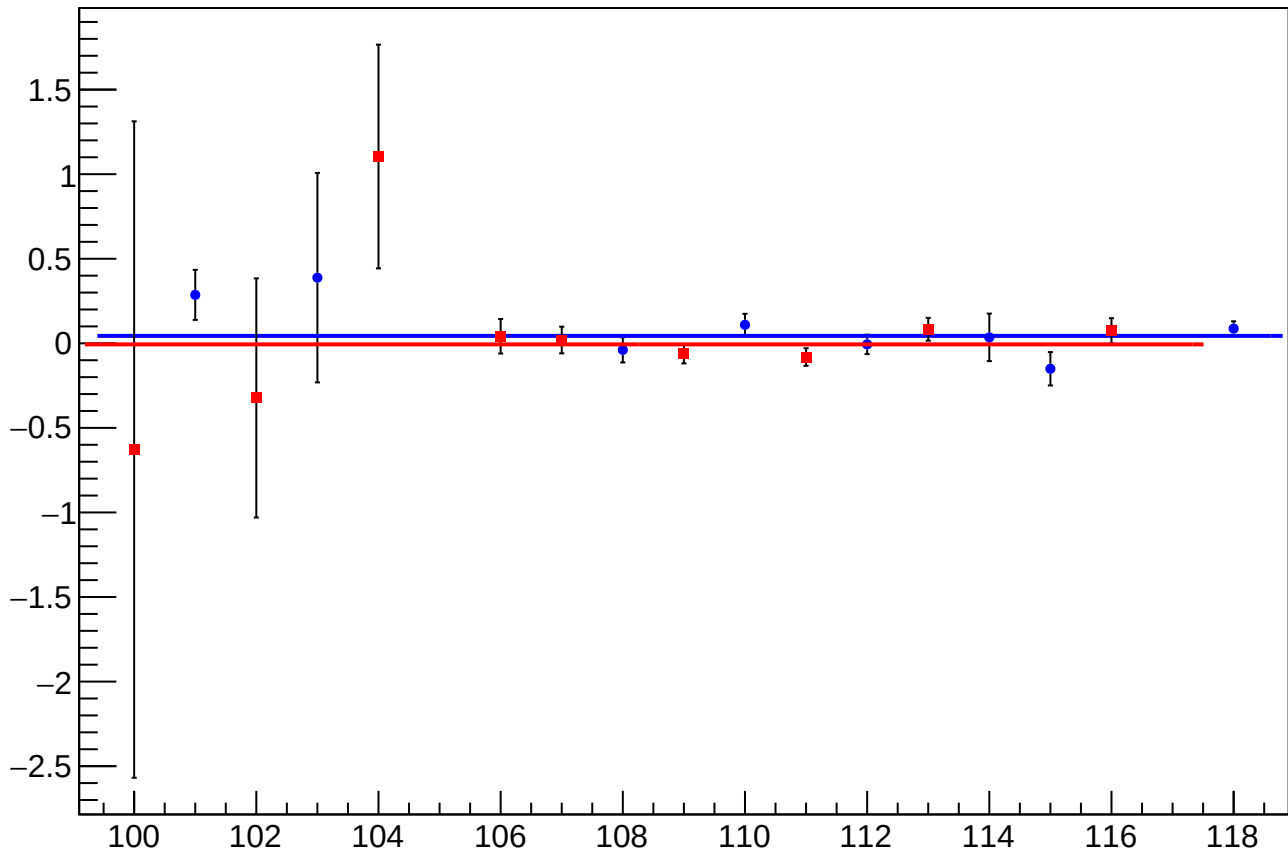
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.414+/-0.013 χ^2/NDF : 3284794.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.006+/-0.027 χ^2/NDF : 9.4/8

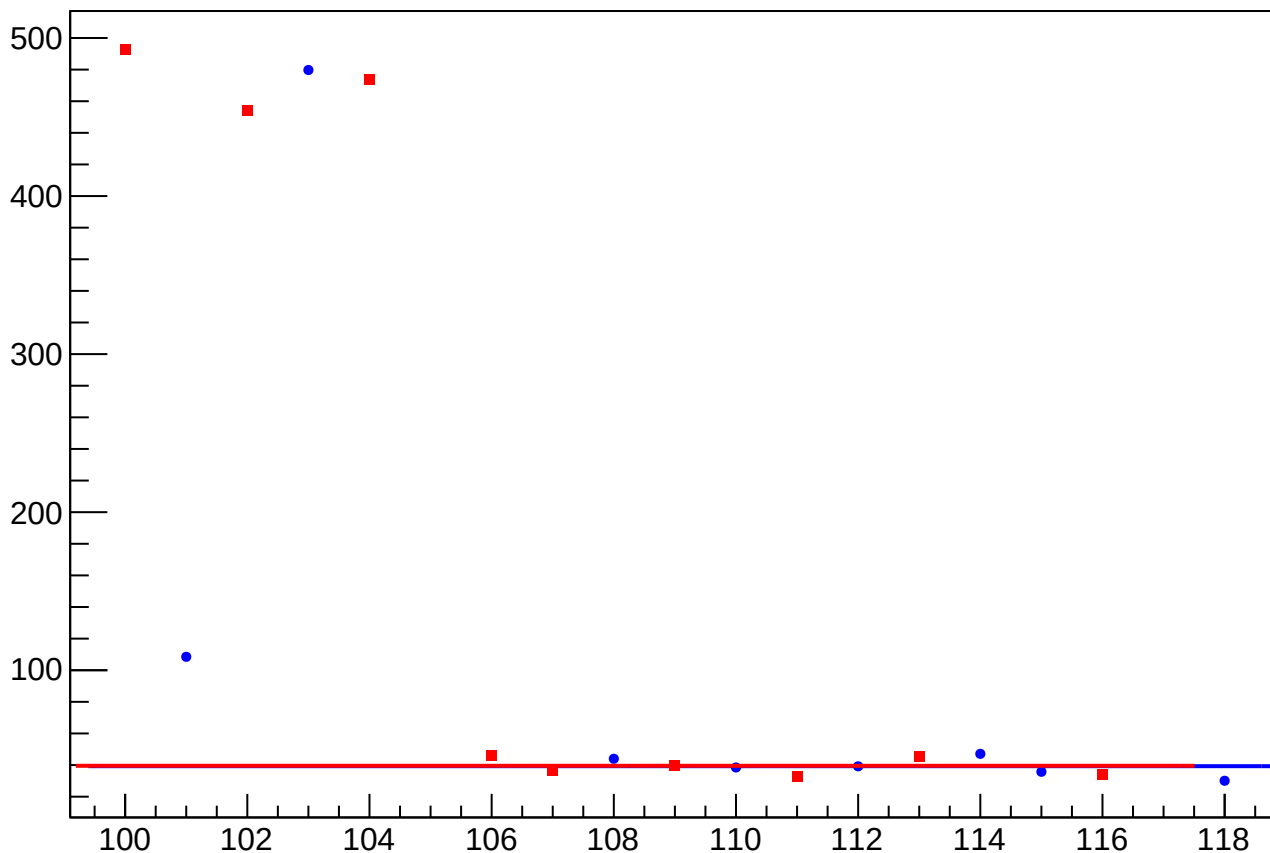
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.019 χ^2/NDF : 22.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 39.540+/-0.019 χ^2/NDF : 1727156.8/8

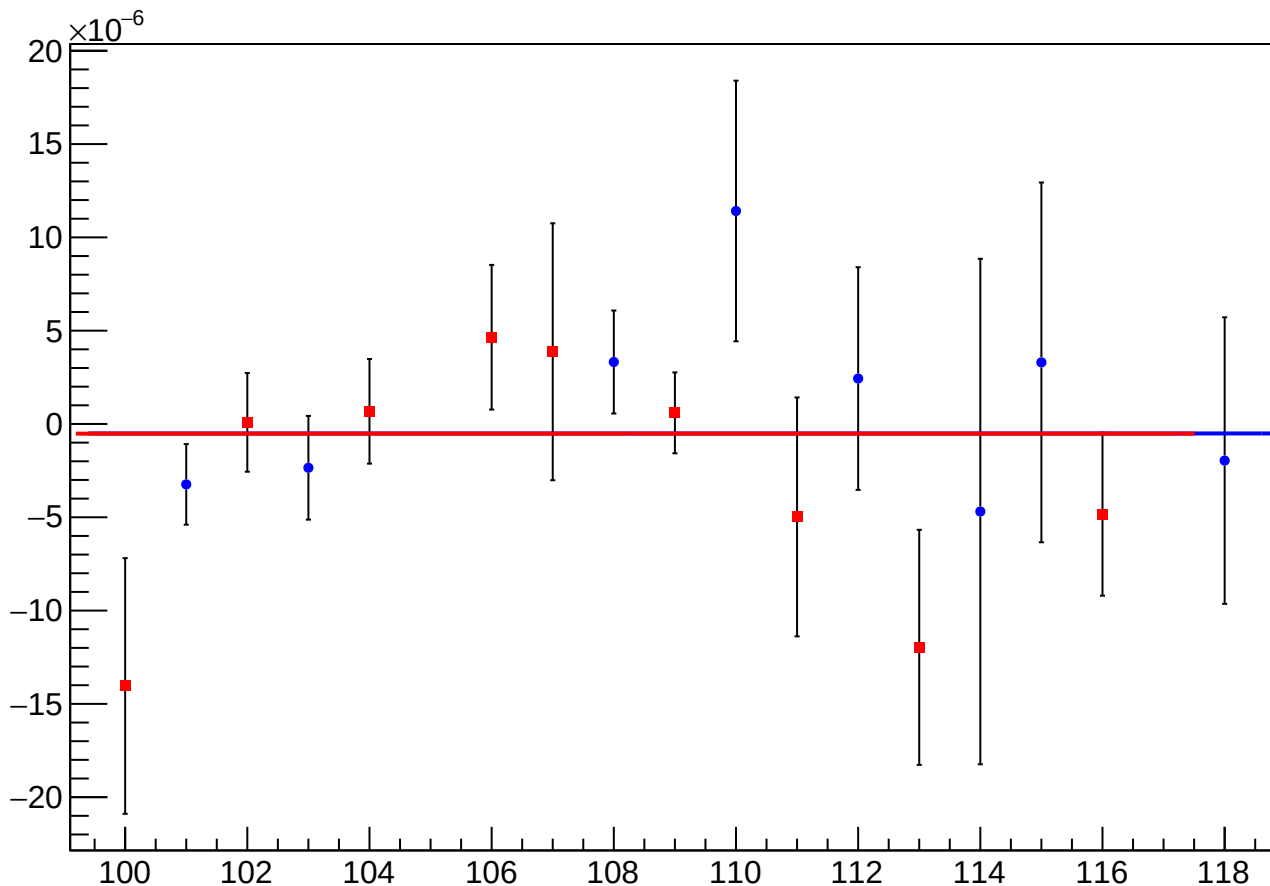
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.414+/-0.013 χ^2/NDF : 3284794.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 11.3/8

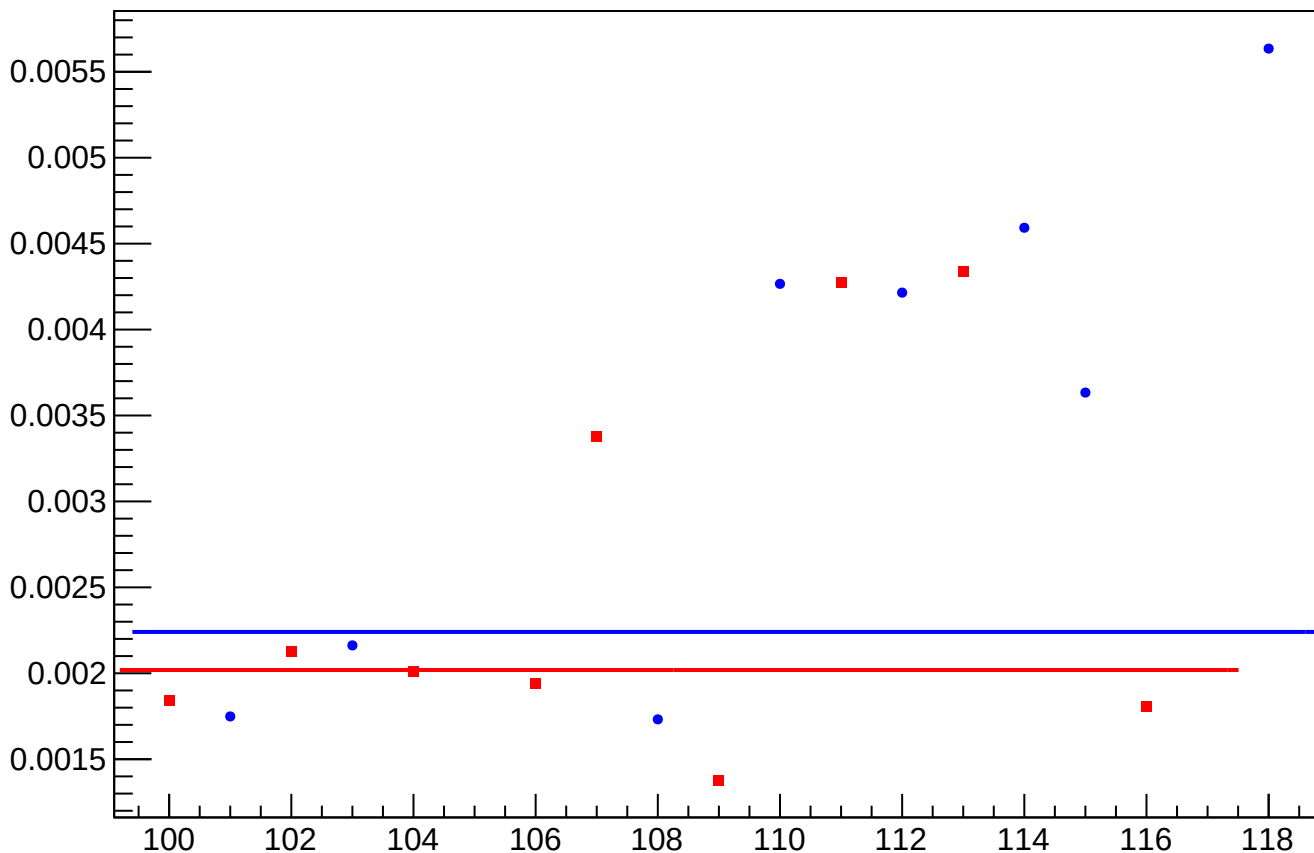
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 783723.2/8

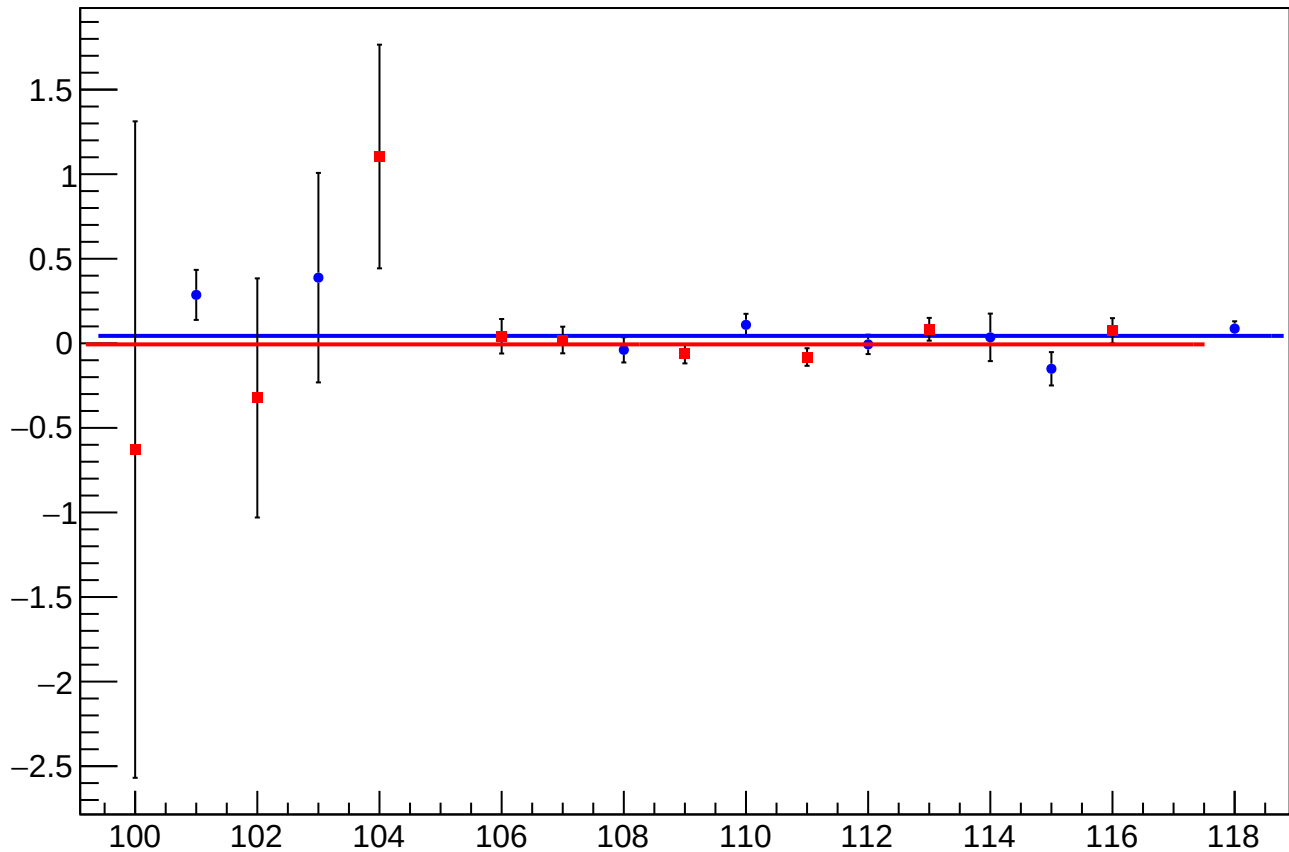
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1867437.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.006+/-0.027 χ^2/NDF : 9.4/8

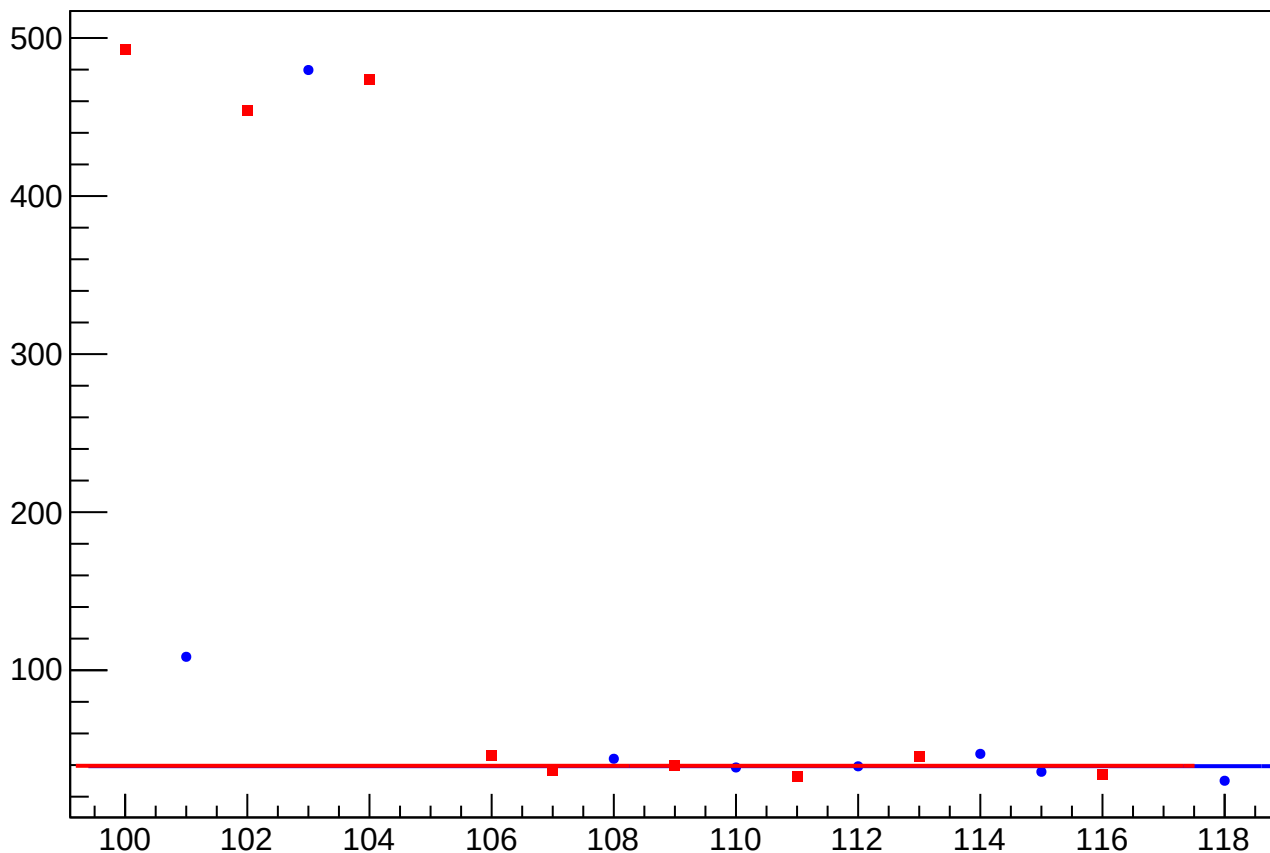
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.019 χ^2/NDF : 22.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 39.539+/-0.019 χ^2/NDF : 1727149.9/8

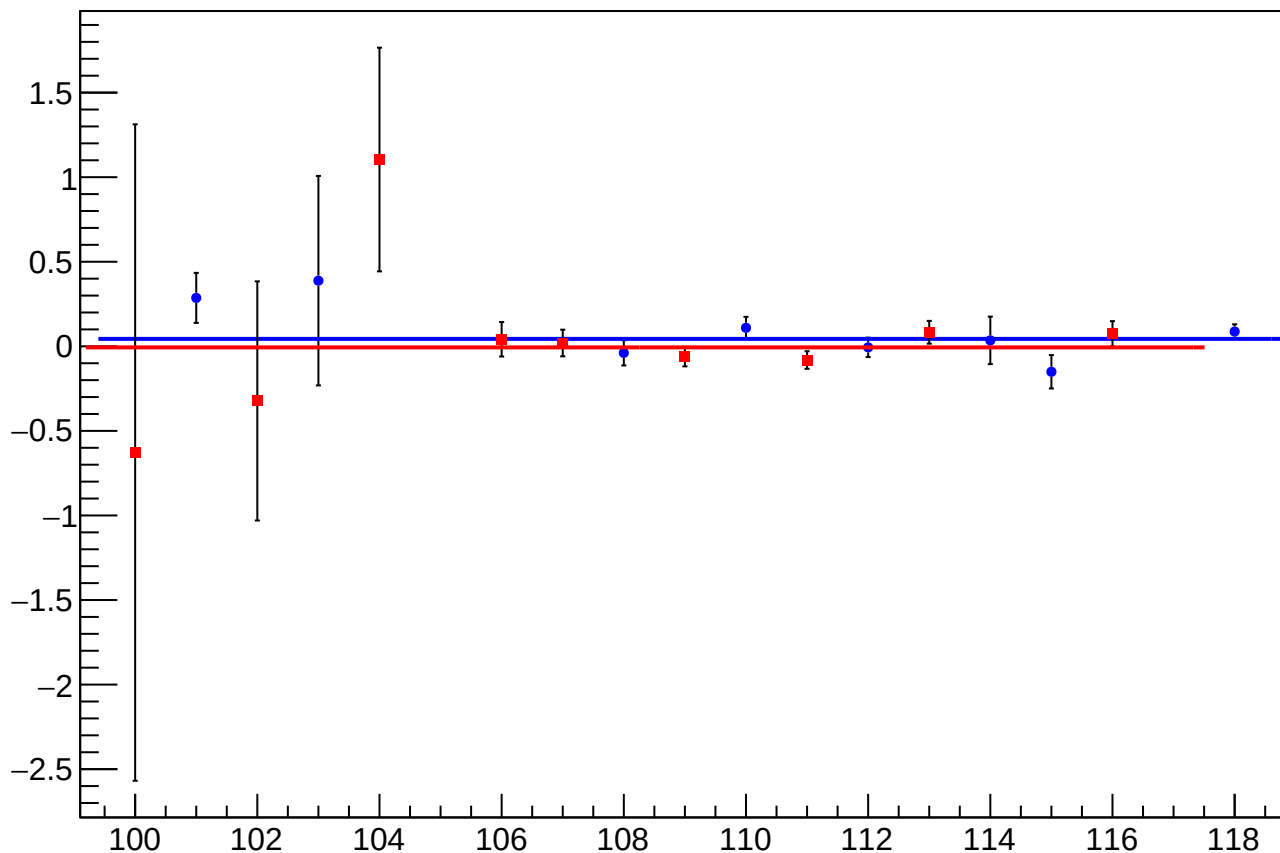
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.413+/-0.013 χ^2/NDF : 3284792.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.006+/-0.027 χ^2/NDF : 9.4/8

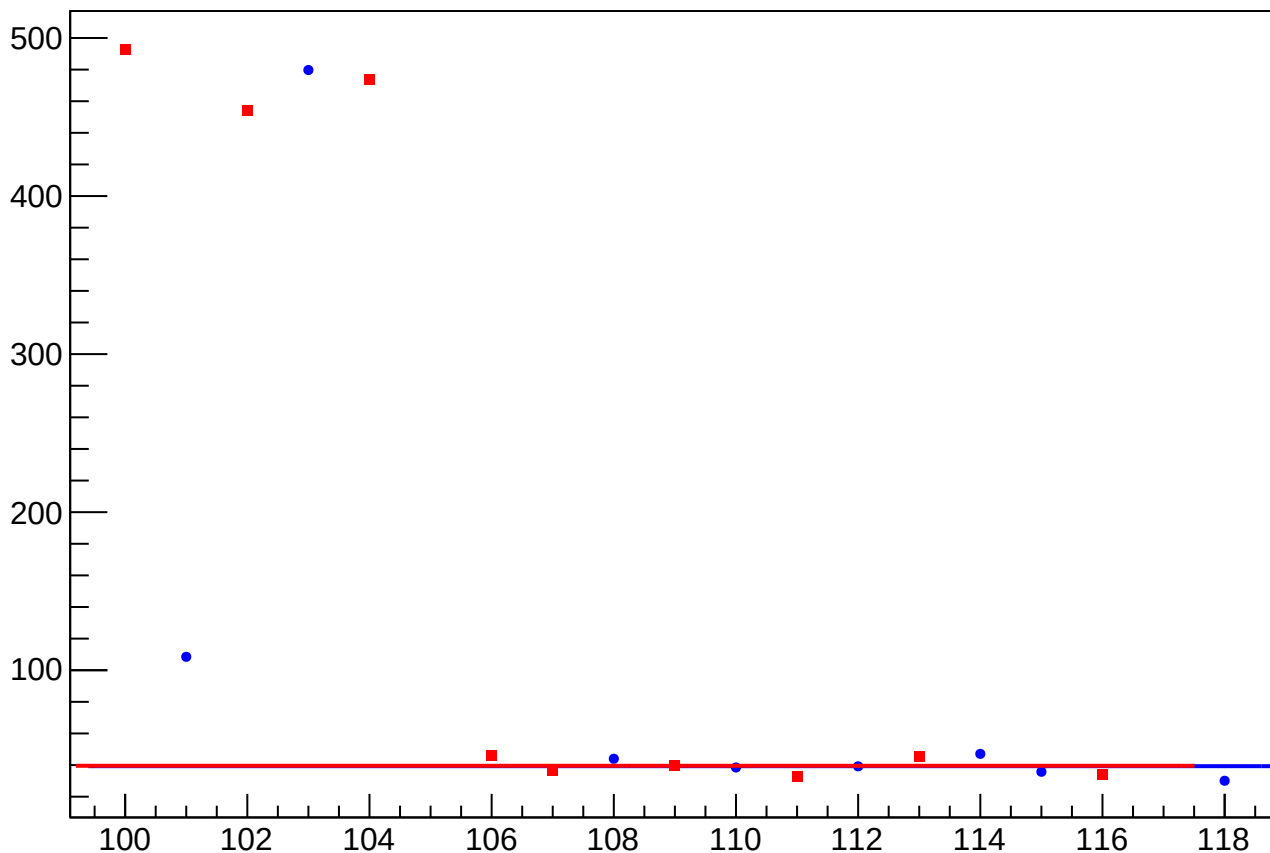
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.019 χ^2/NDF : 22.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 39.539+/-0.019 χ^2/NDF : 1727149.9/8

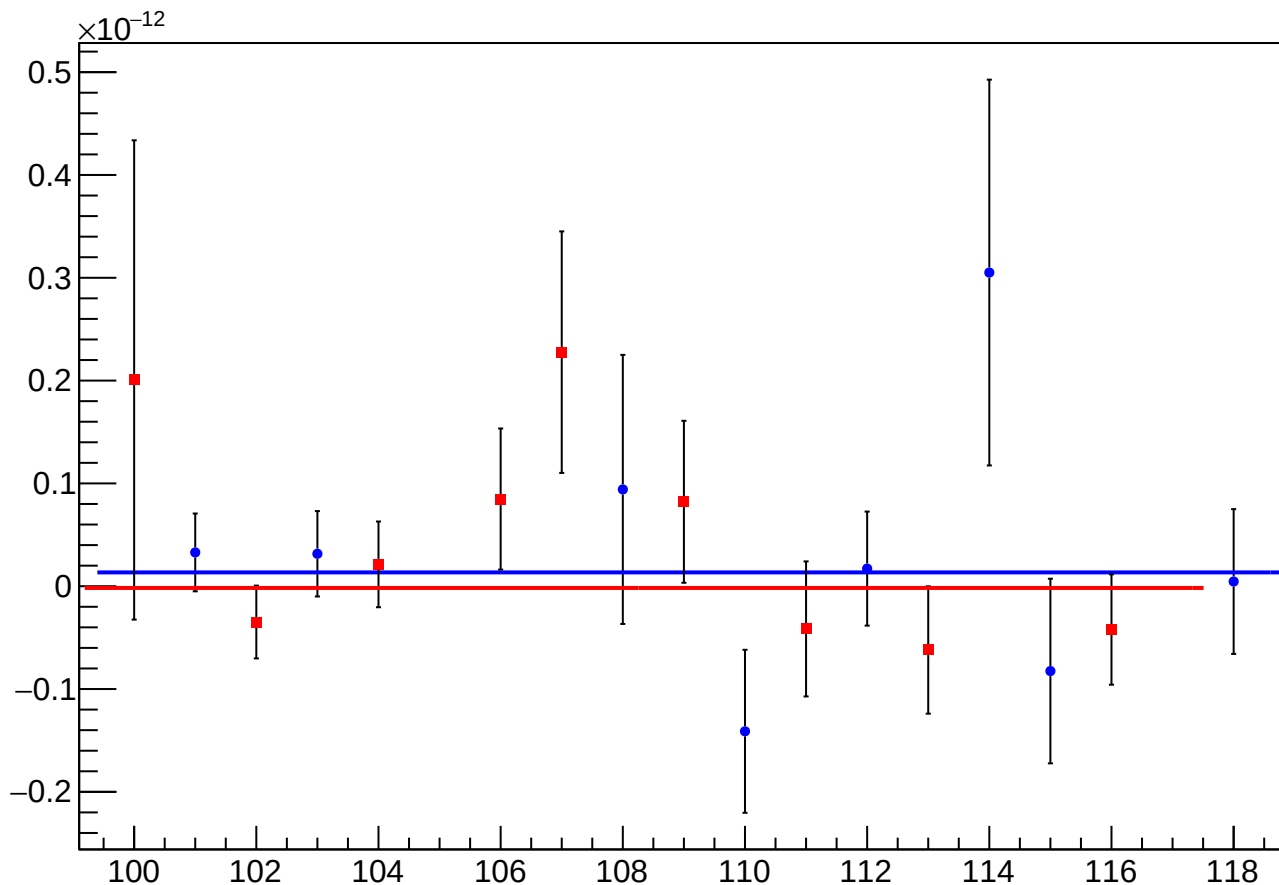
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.413+/-0.013 χ^2/NDF : 3284792.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/8

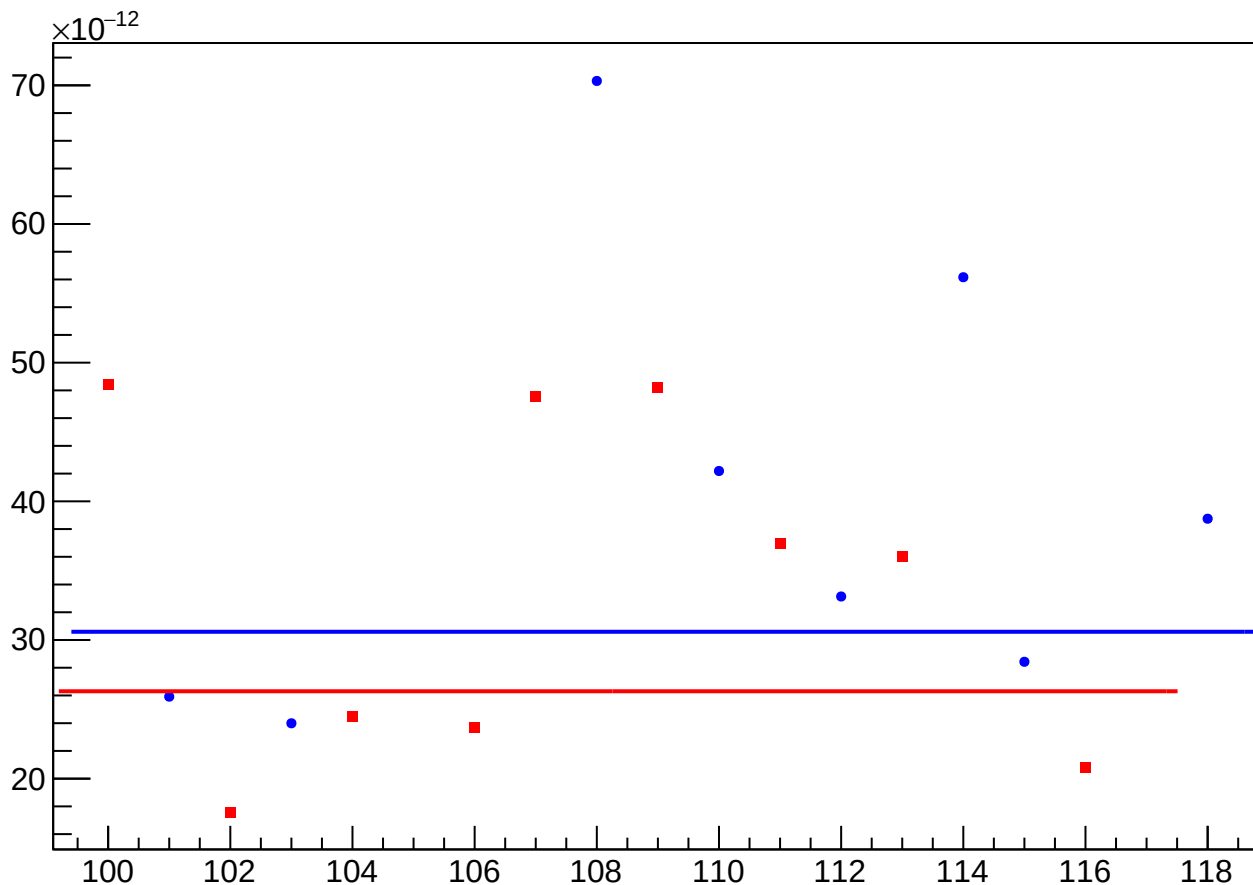
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 490126.3/8

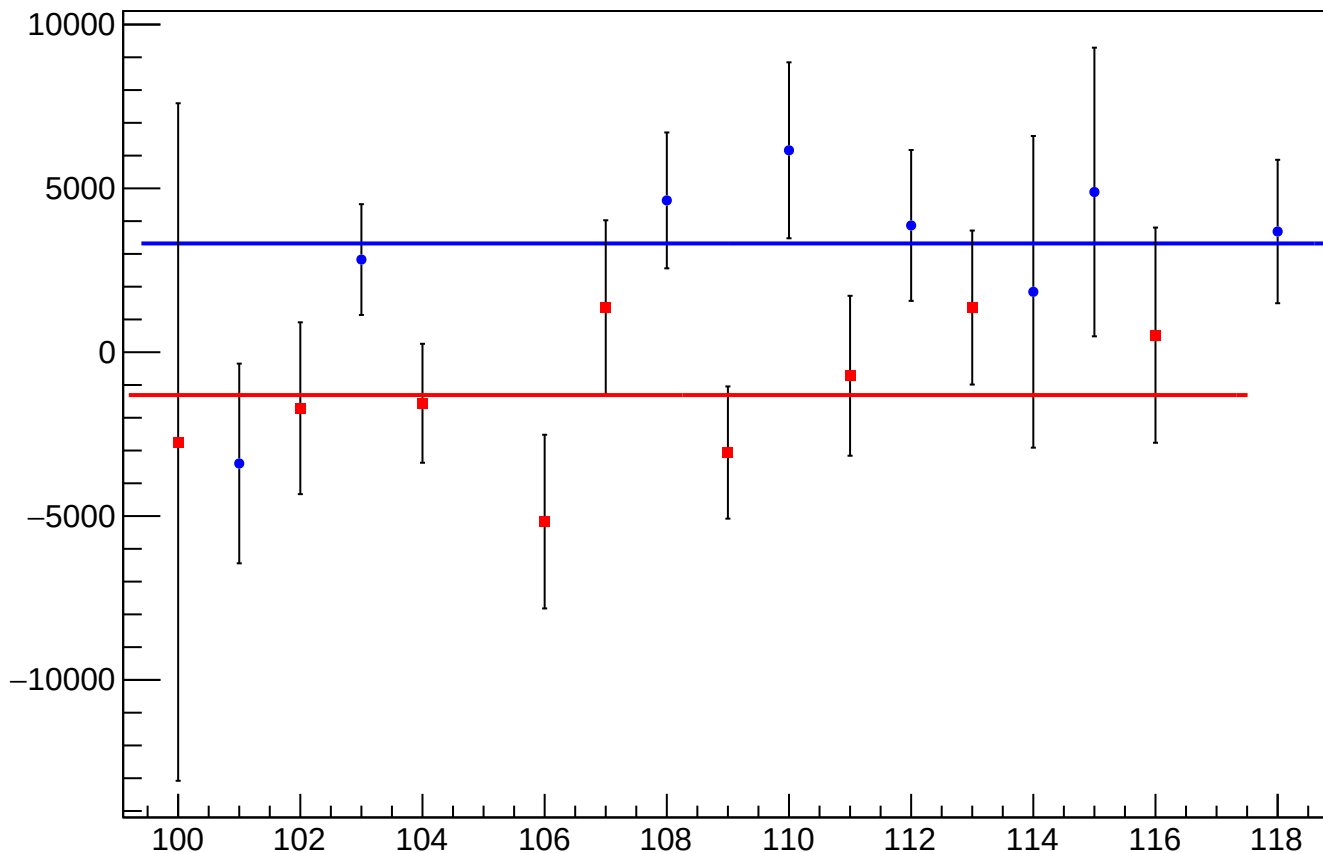
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 911796.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



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: -1307.187+/-836.441 χ^2 /NDF: 5.6/8

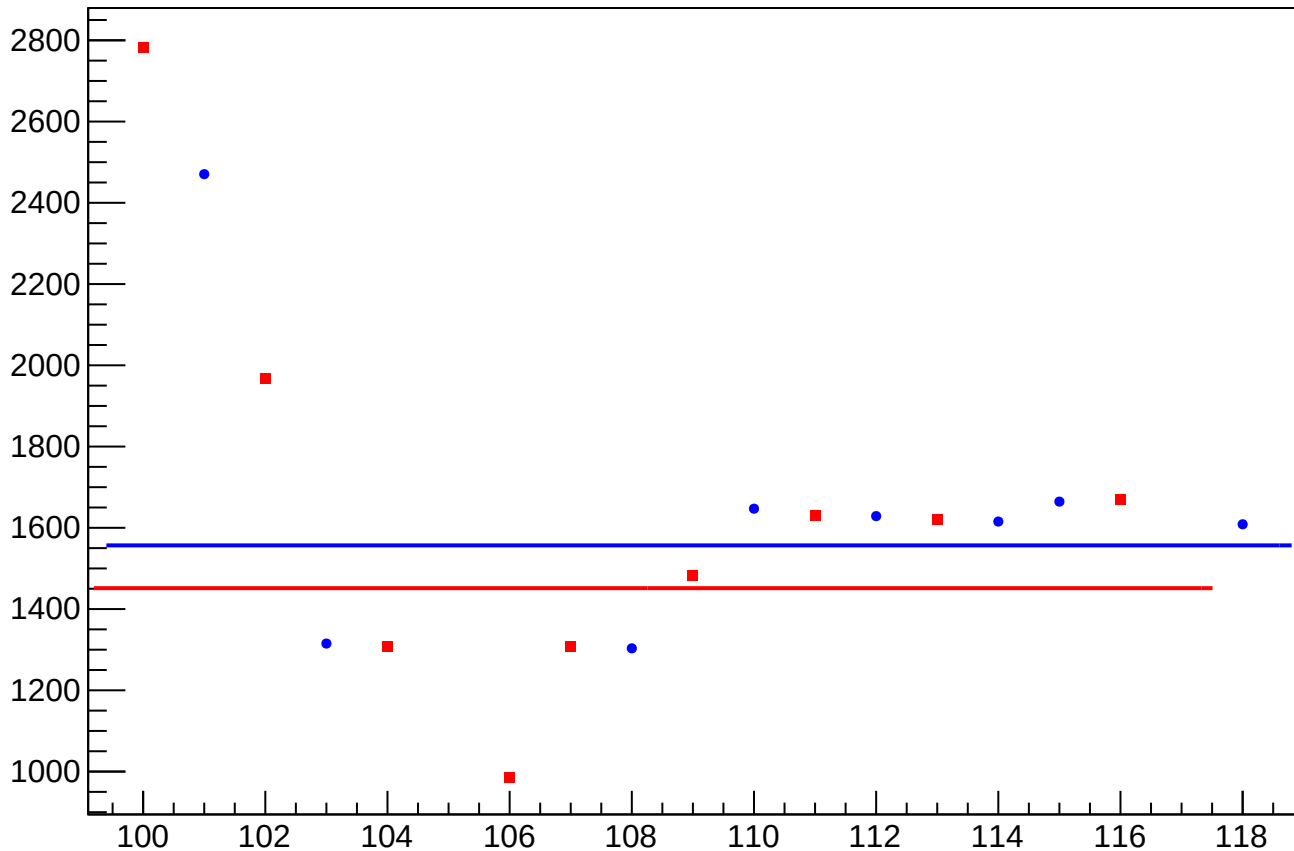
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 916.083+/-602.838 χ^2 /NDF: 27.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1556.766 $\pm$ 0.615 χ^2 /NDF: 257521.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1451.434 $\pm$ 0.572 χ^2 /NDF: 263887.7/8

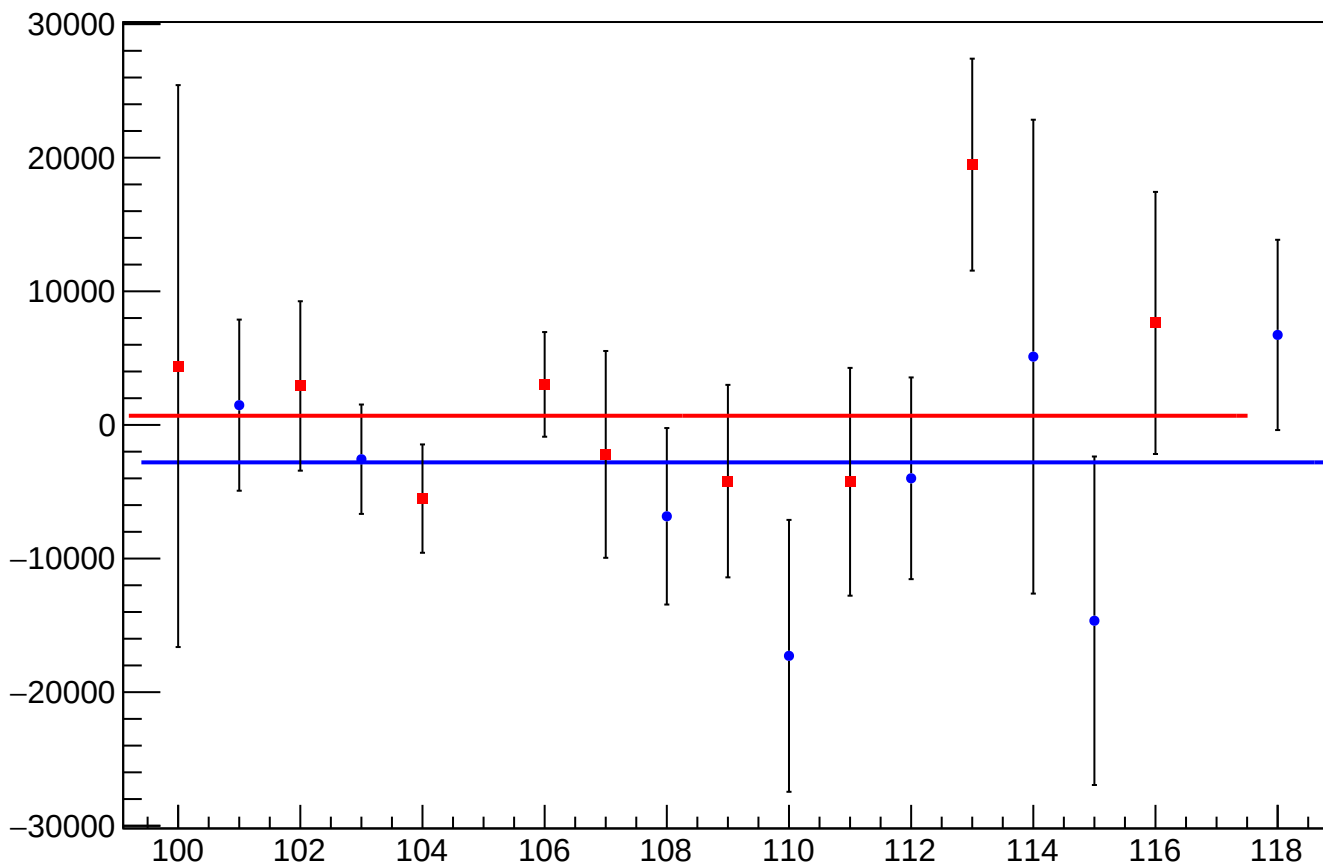
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1500.294 $\pm$ 0.419 χ^2 /NDF: 537140.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



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: 687.287+/-2088.896 χ^2/NDF : 9.9/8

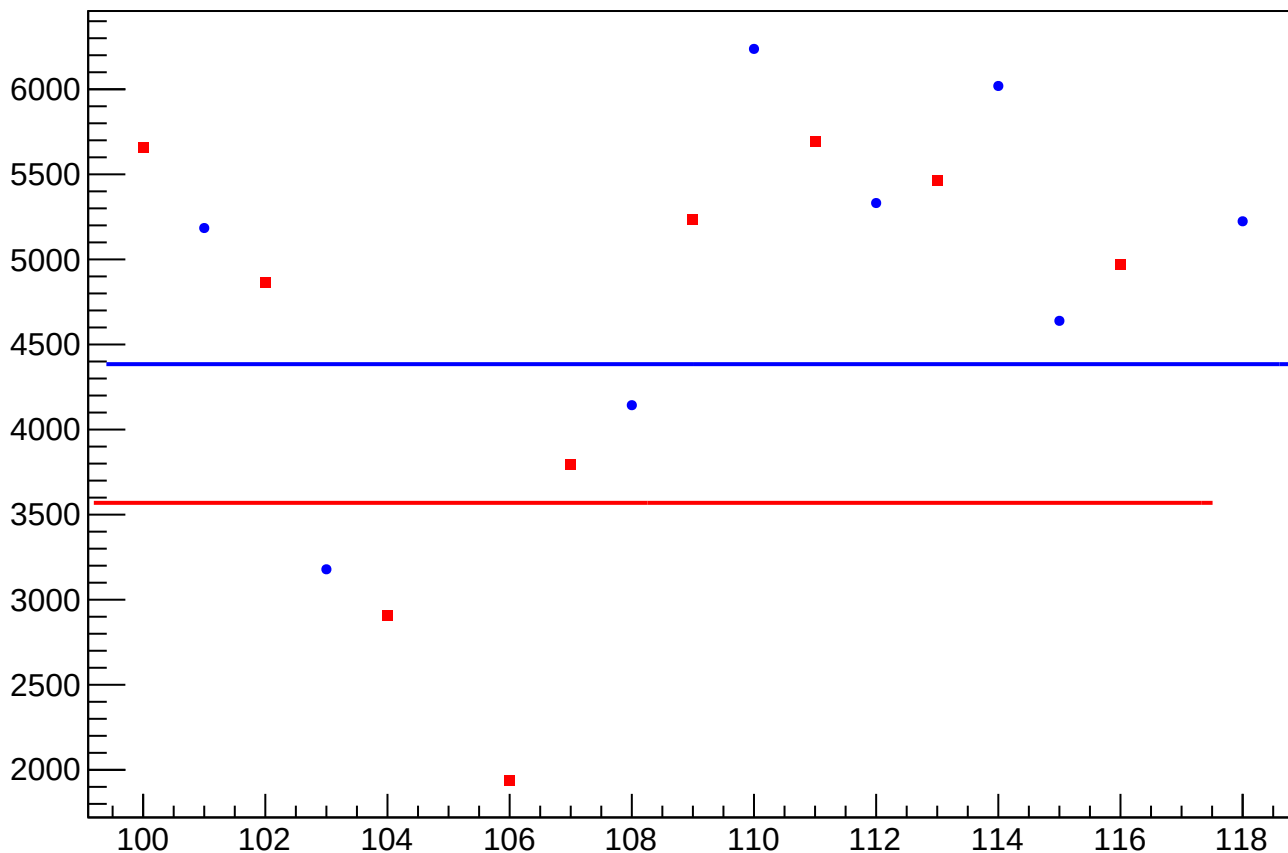
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -766.494+/-1595.358 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



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: 3569.313+/-1.477 χ^2/NDF : 890705.0/8

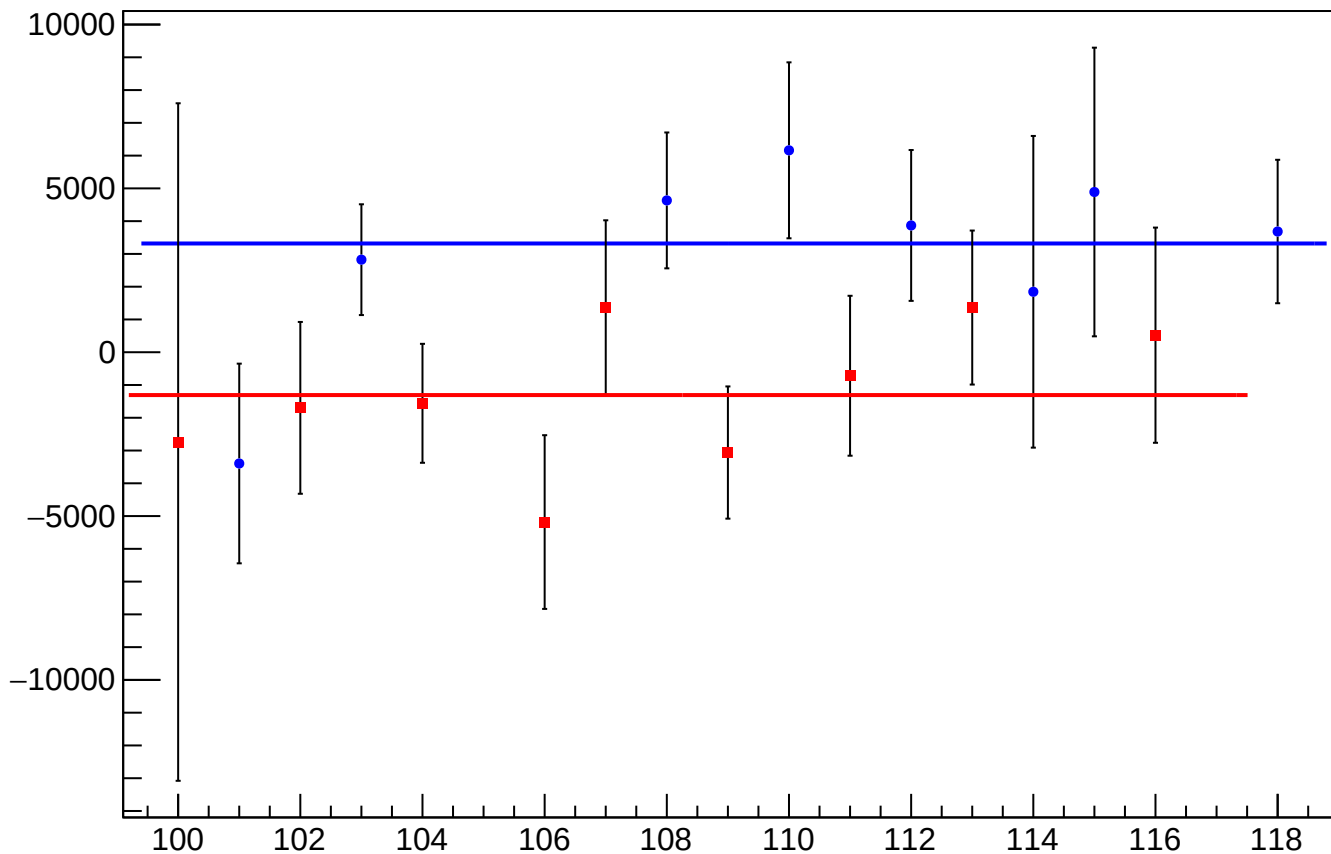
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3908.964+/-1.128 χ^2/NDF : 1368462.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_mean vs Slug



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: -1307.375+/-836.449 χ^2/NDF : 5.6/8

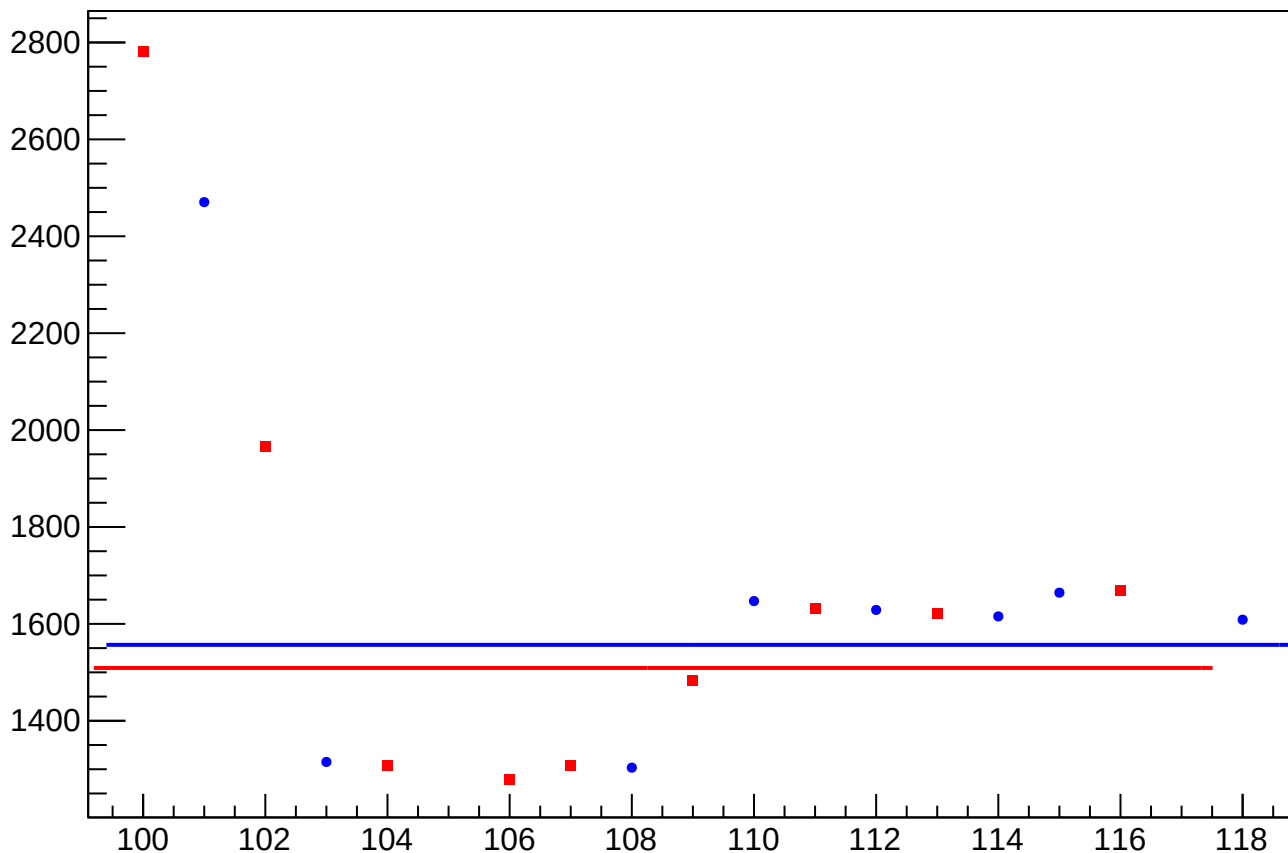
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.668+/-602.842 χ^2/NDF : 27.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1556.766 $\pm$ 0.615 χ^2 /NDF: 257520.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1509.033 $\pm$ 0.587 χ^2 /NDF: 159669.3/8

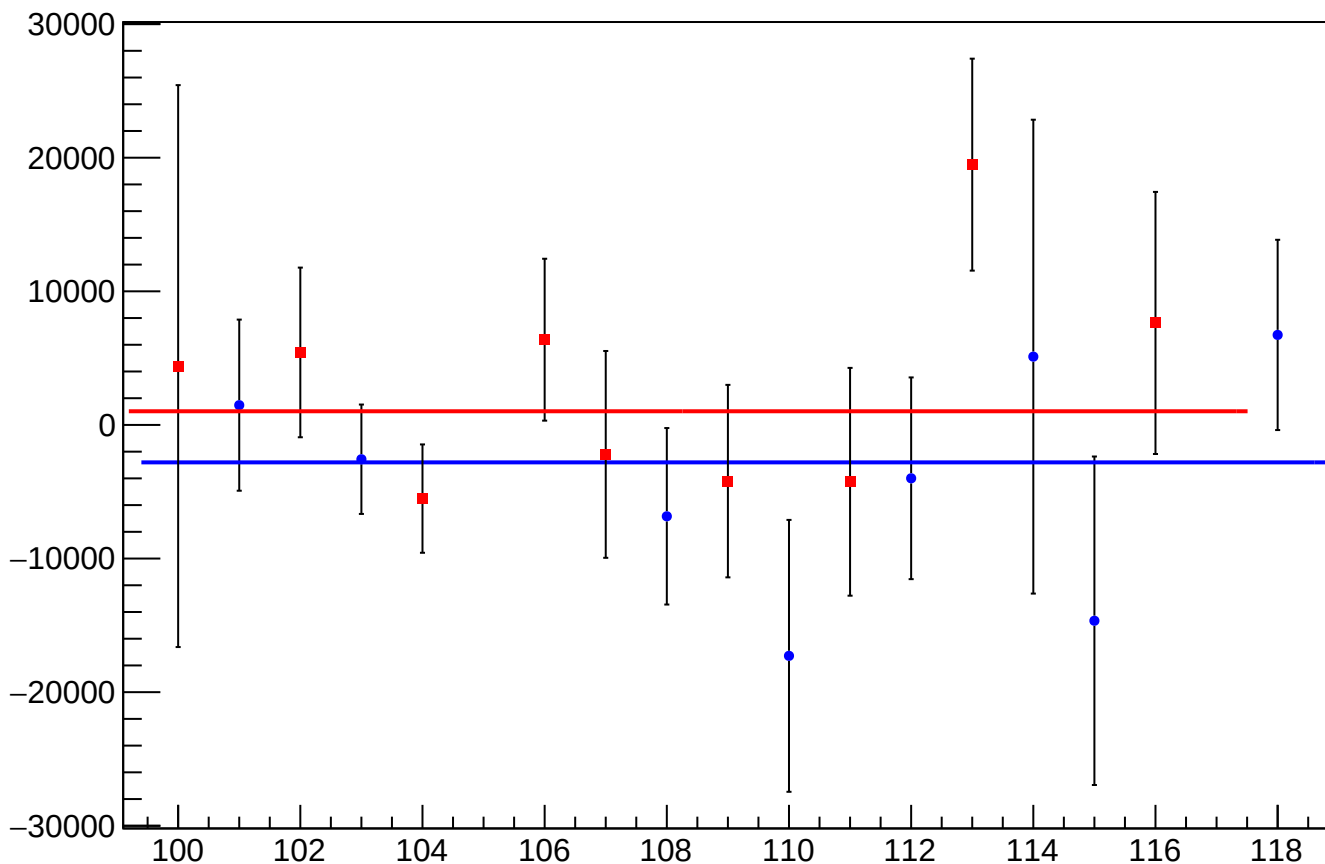
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1531.783 $\pm$ 0.425 χ^2 /NDF: 420344.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



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: 1023.266+/-2287.157 χ^2/NDF : 10.8/8

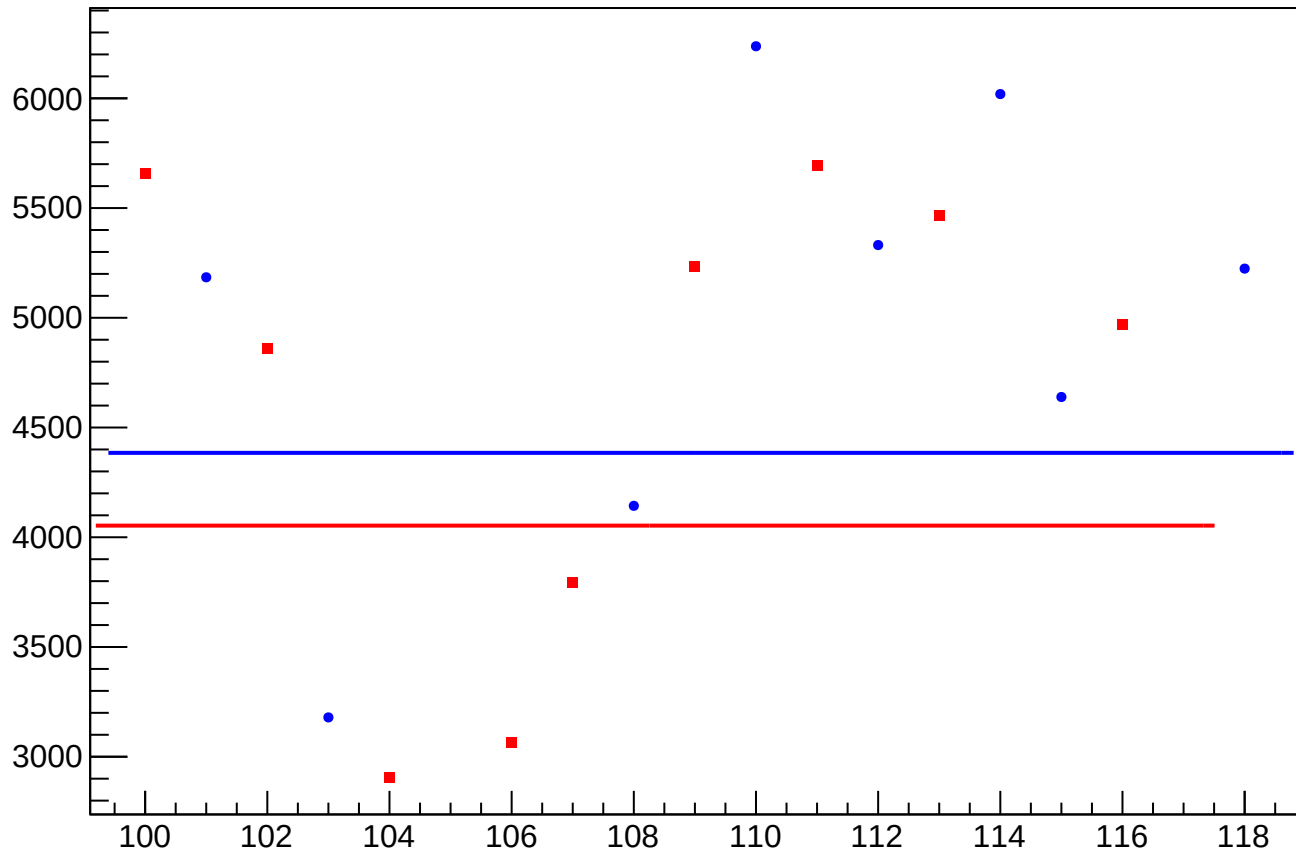
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -741.407+/-1678.647 χ^2/NDF : 17.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



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: 4053.066+/-1.617 χ^2/NDF : 467985.0/8

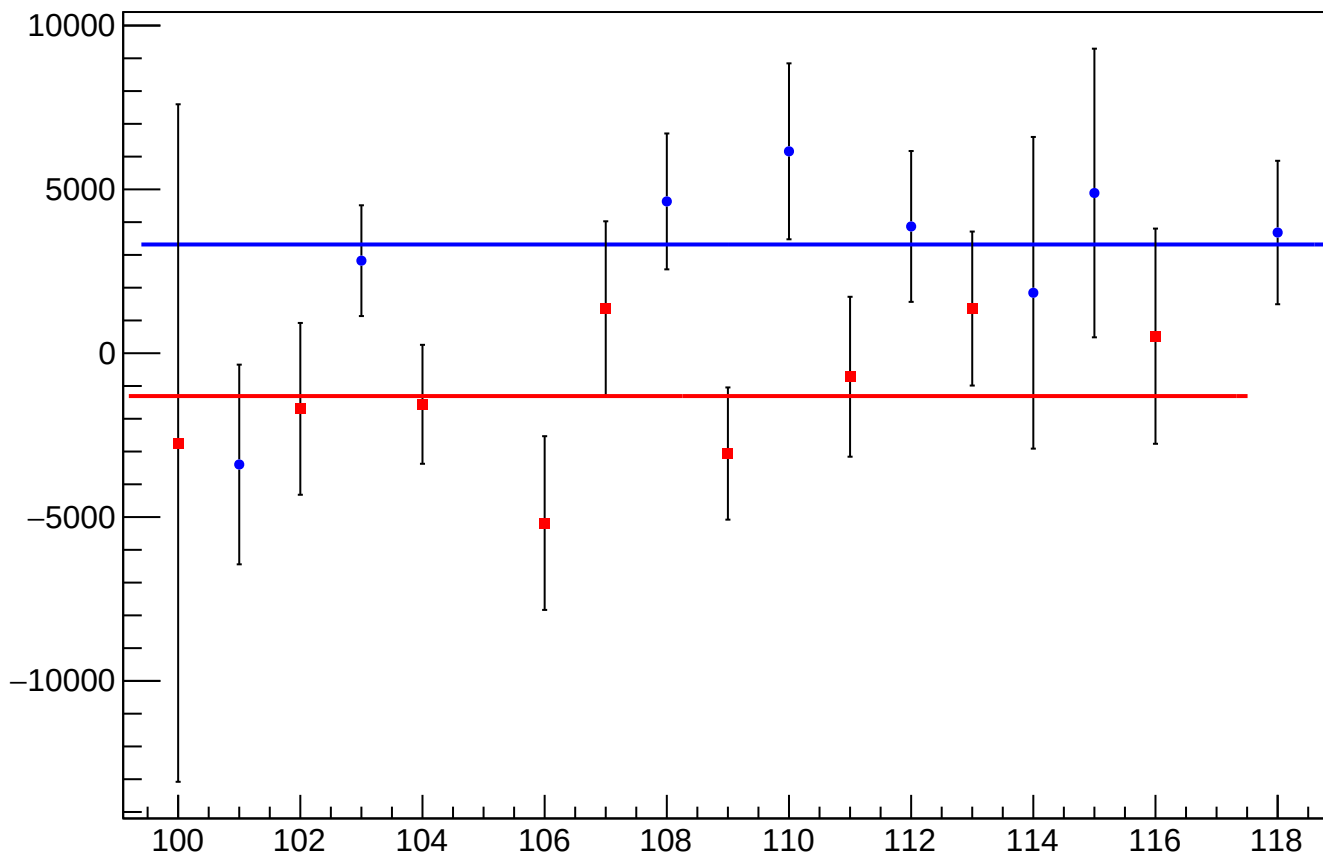
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4206.011+/-1.187 χ^2/NDF : 838103.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3318.477 $\pm$ 869.611 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1307.375 $\pm$ 836.449 χ^2 /NDF: 5.6/8

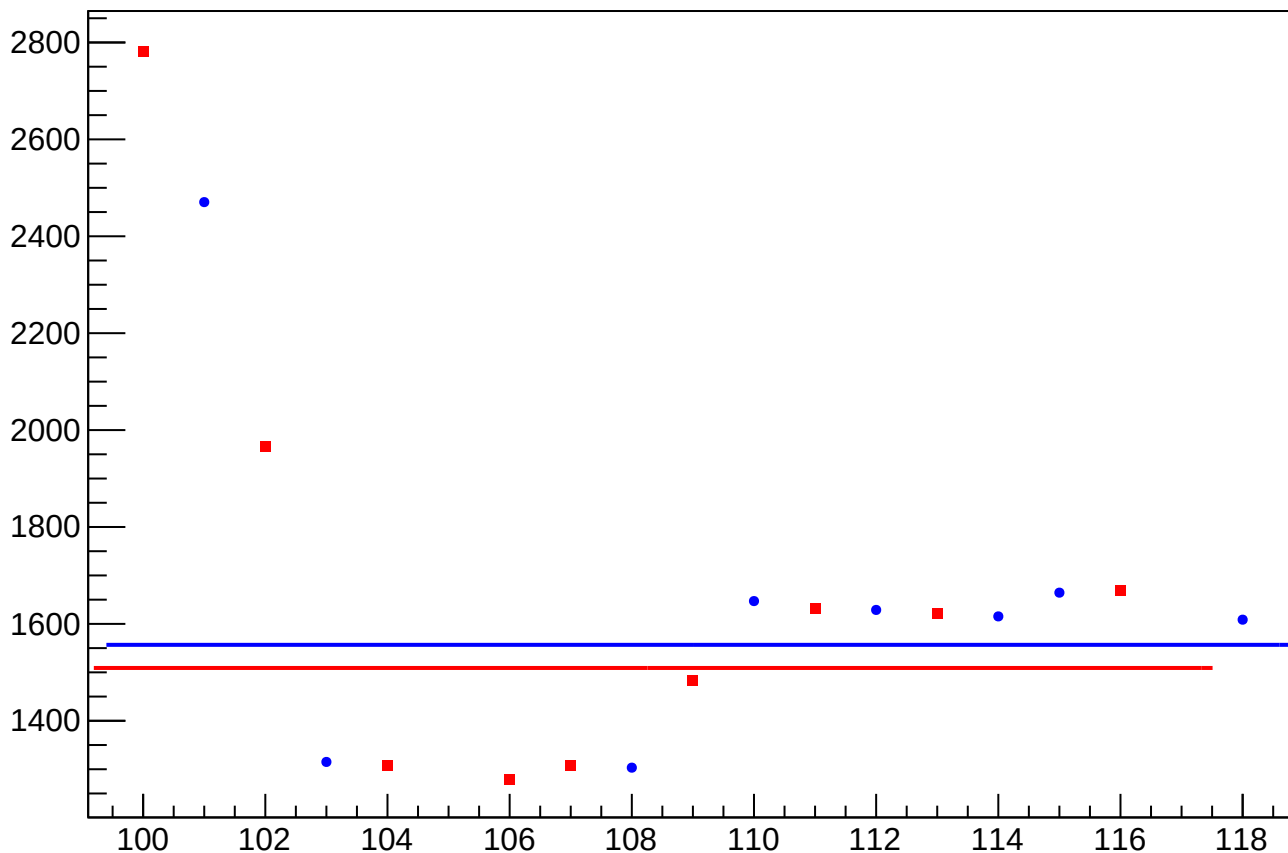
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 915.668 $\pm$ 602.842 χ^2 /NDF: 27.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1556.766 $\pm$ 0.615 χ^2 /NDF: 257520.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1509.033 $\pm$ 0.587 χ^2 /NDF: 159669.3/8

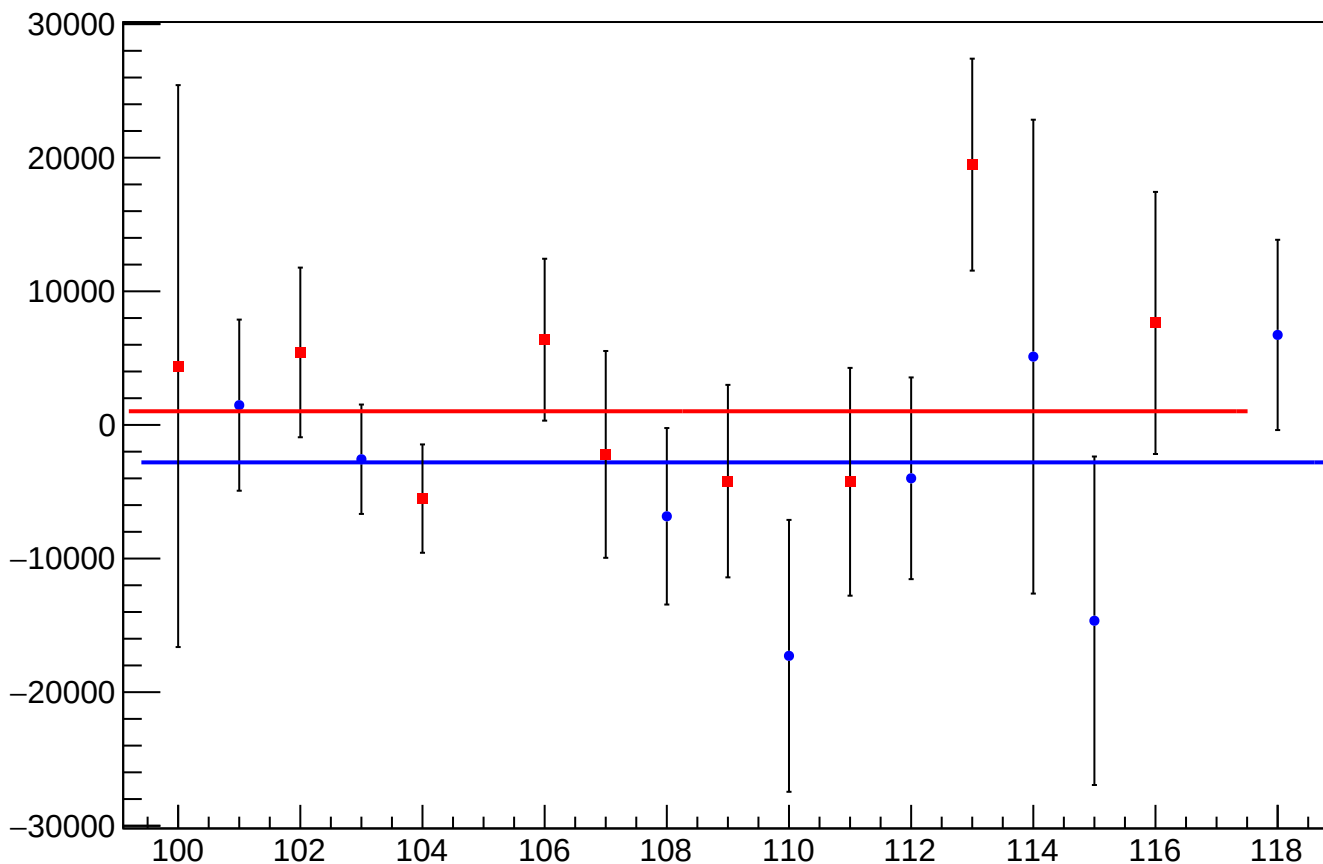
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1531.783 $\pm$ 0.425 χ^2 /NDF: 420344.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



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: 1023.266+/-2287.157 χ^2/NDF : 10.8/8

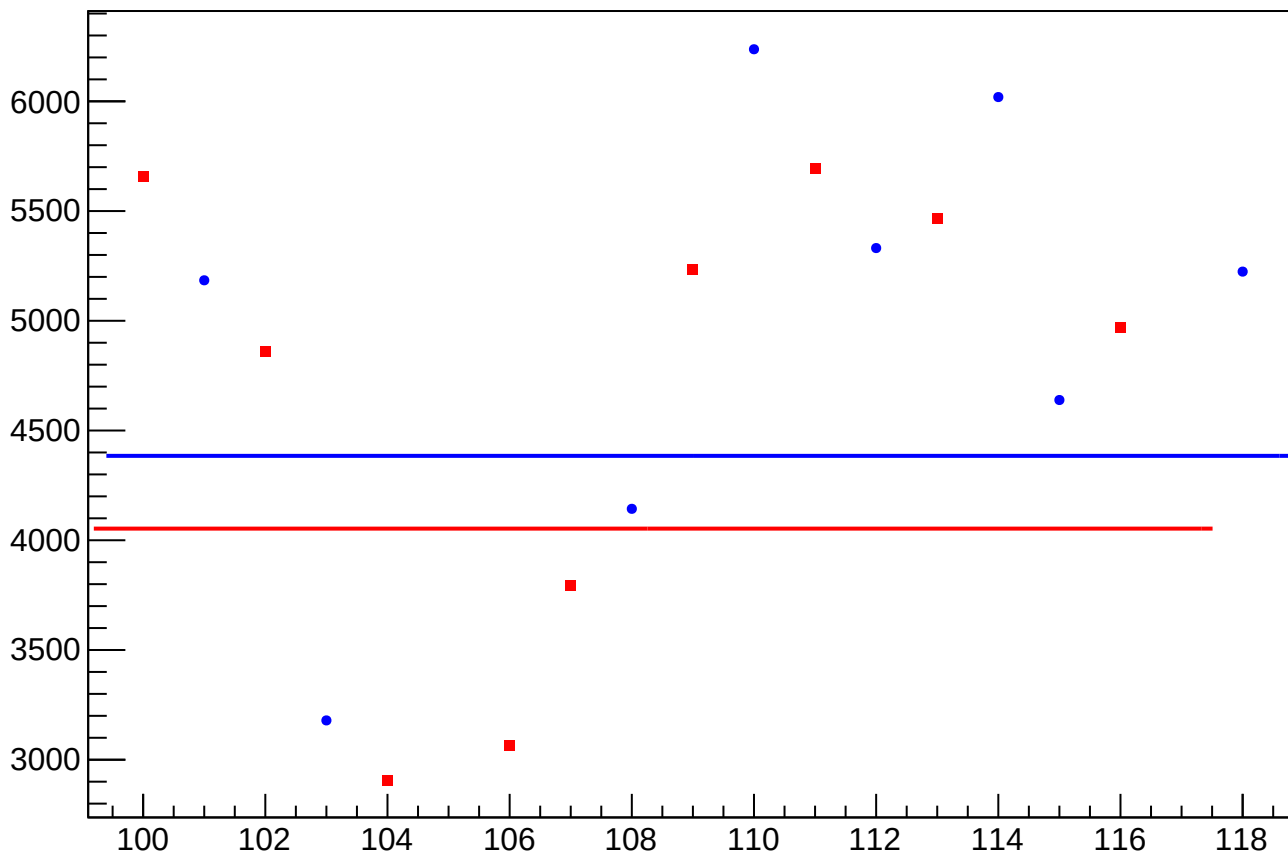
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -741.407+/-1678.647 χ^2/NDF : 17.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4384.600 $\pm$ 1.748 χ^2 /NDF: 350731.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4053.066 $\pm$ 1.617 χ^2 /NDF: 467985.0/8

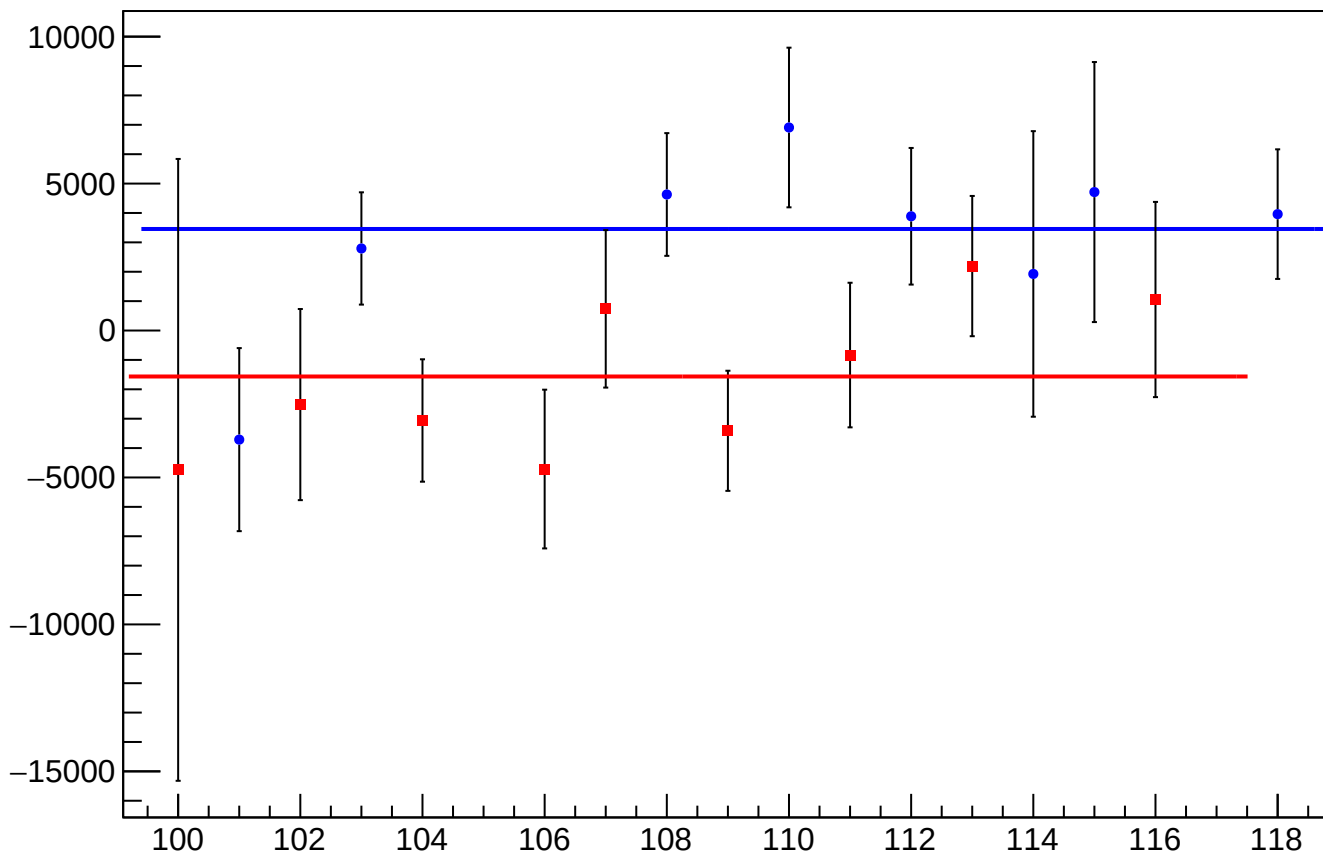
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4206.011 $\pm$ 1.187 χ^2 /NDF: 838103.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



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: -1564.114+/-883.389 χ^2/NDF : 6.8/8

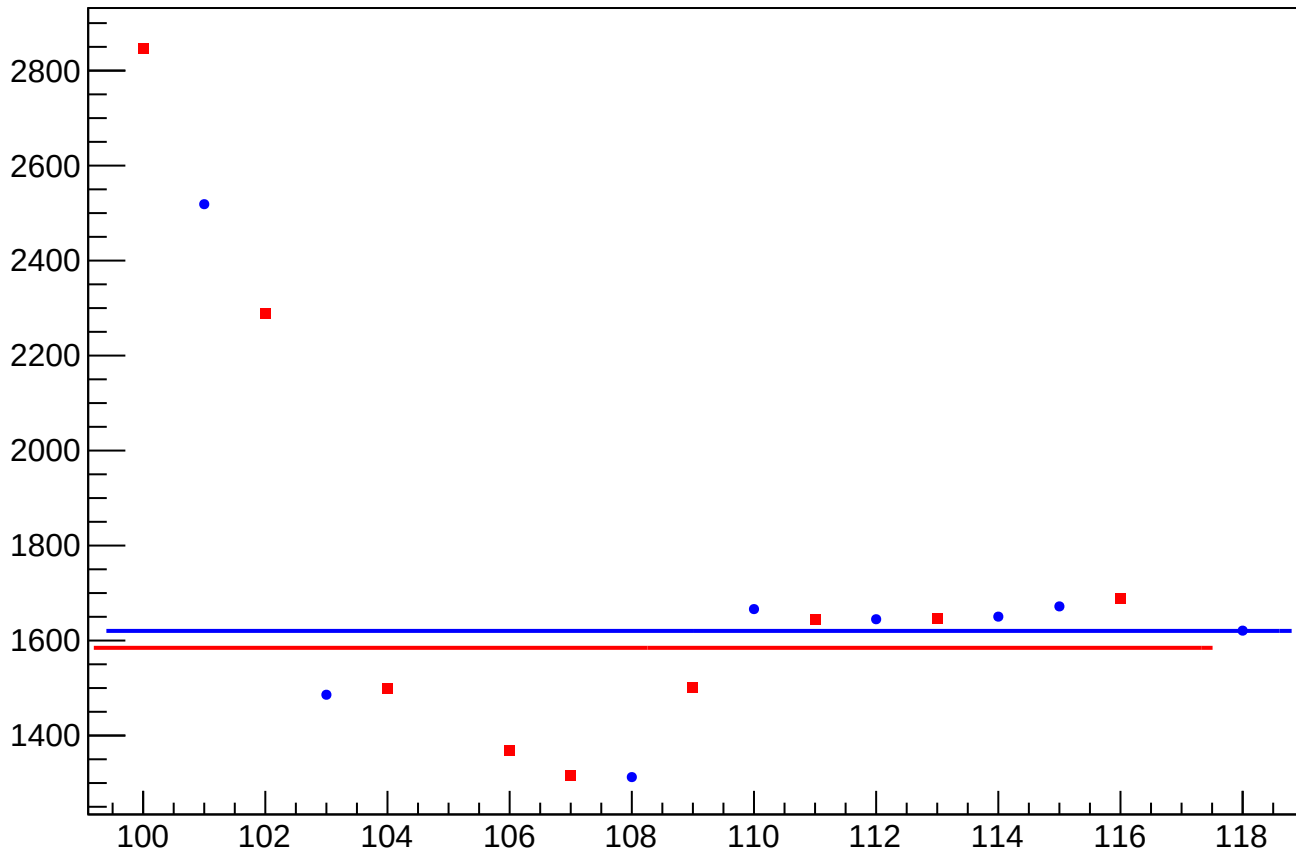
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.289+/-631.495 χ^2/NDF : 30.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1620.310+/-0.639 χ^2/NDF : 220949.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

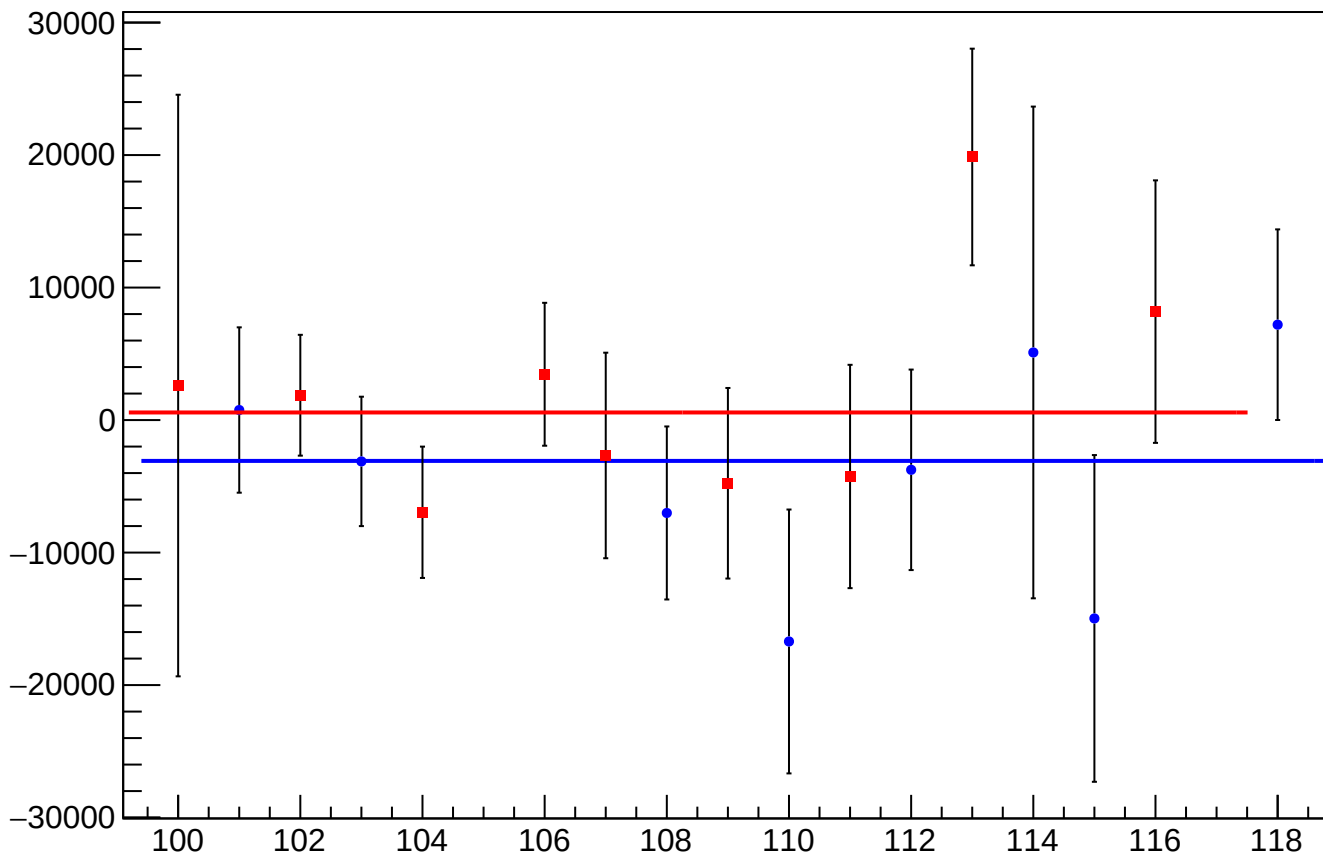
Right Out: 1584.681+/-0.623 χ^2/NDF : 166623.7/8

All: 1602.070+/-0.446 χ^2/NDF : 389166.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



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: 573.720+/-2233.362 χ^2 /NDF: 9.9/8

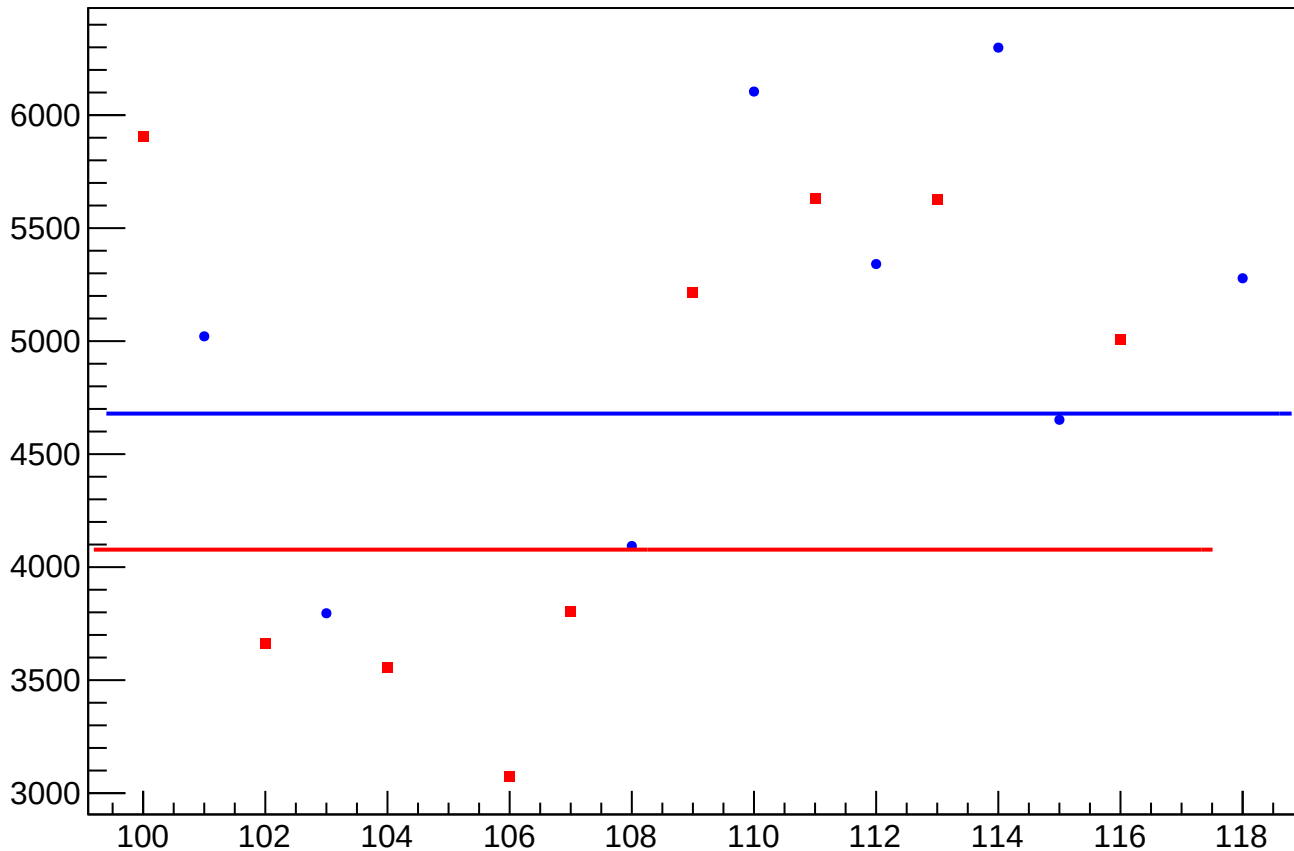
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -975.627+/-1695.309 χ^2 /NDF: 16.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4679.418 $\pm$ 1.841 χ^2 /NDF: 172937.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4077.472 $\pm$ 1.579 χ^2 /NDF: 332000.0/8

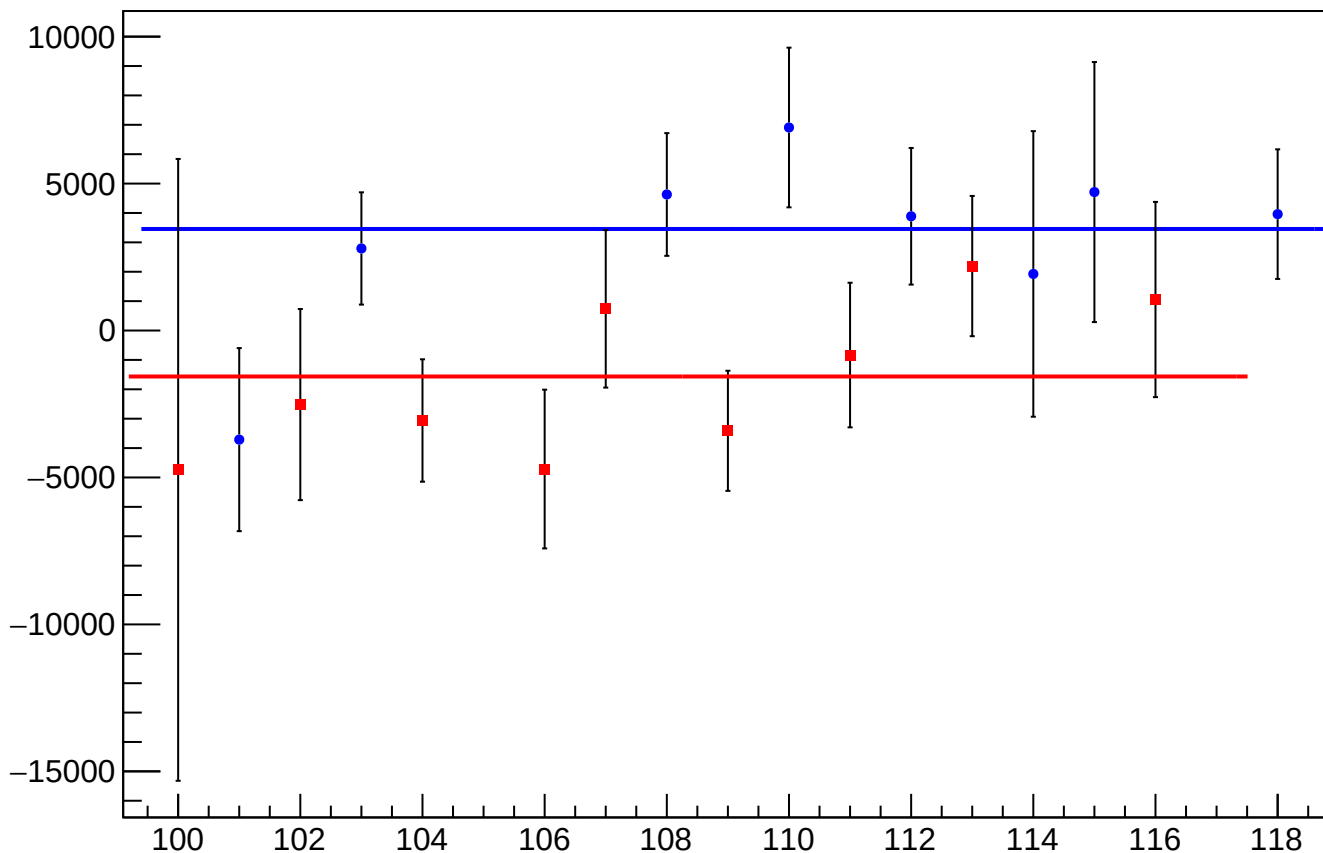
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4332.572 $\pm$ 1.199 χ^2 /NDF: 566509.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



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: -1564.116+/-883.389 χ^2/NDF : 6.8/8

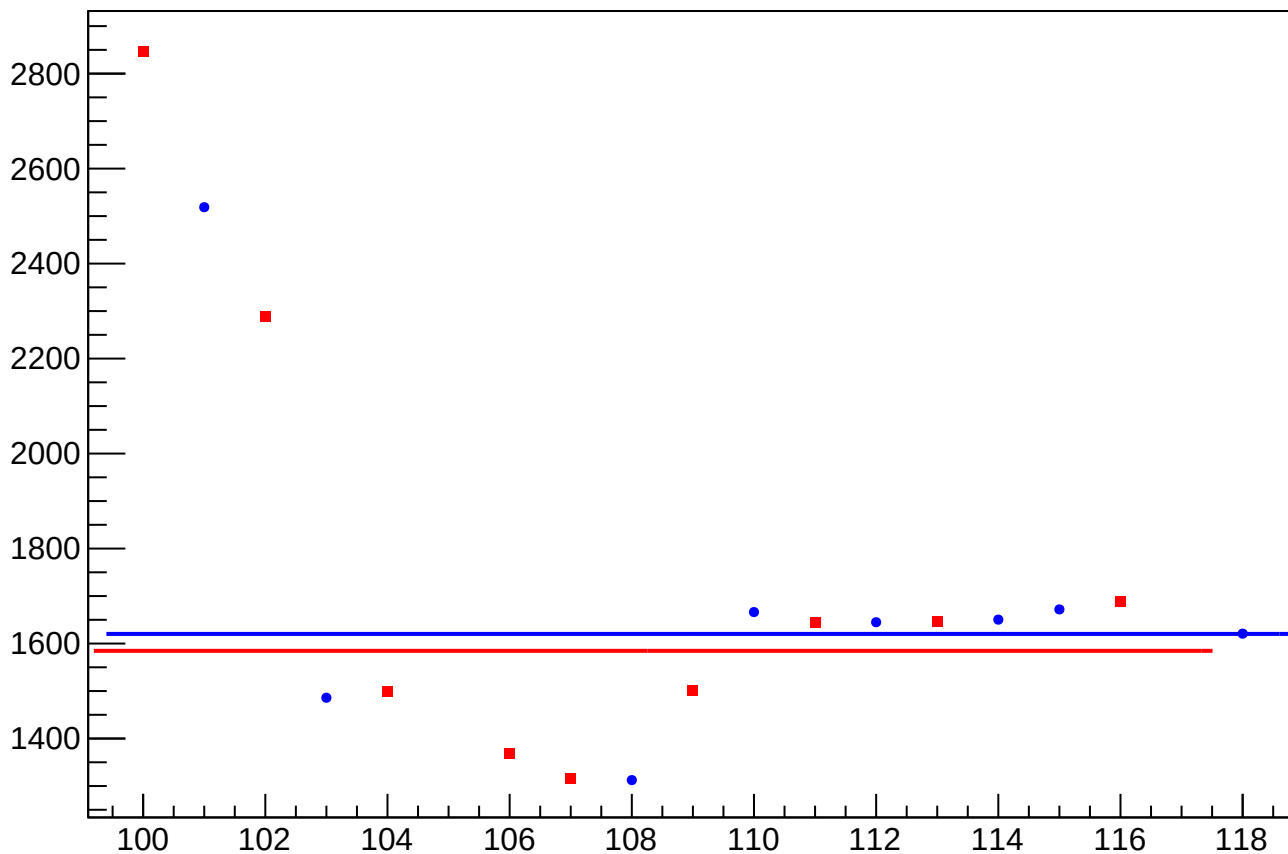
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.287+/-631.494 χ^2/NDF : 30.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1620.310 ± 0.639 $\chi^2/\text{NDF}: 220949.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1584.681 ± 0.623 $\chi^2/\text{NDF}: 166623.3/8$

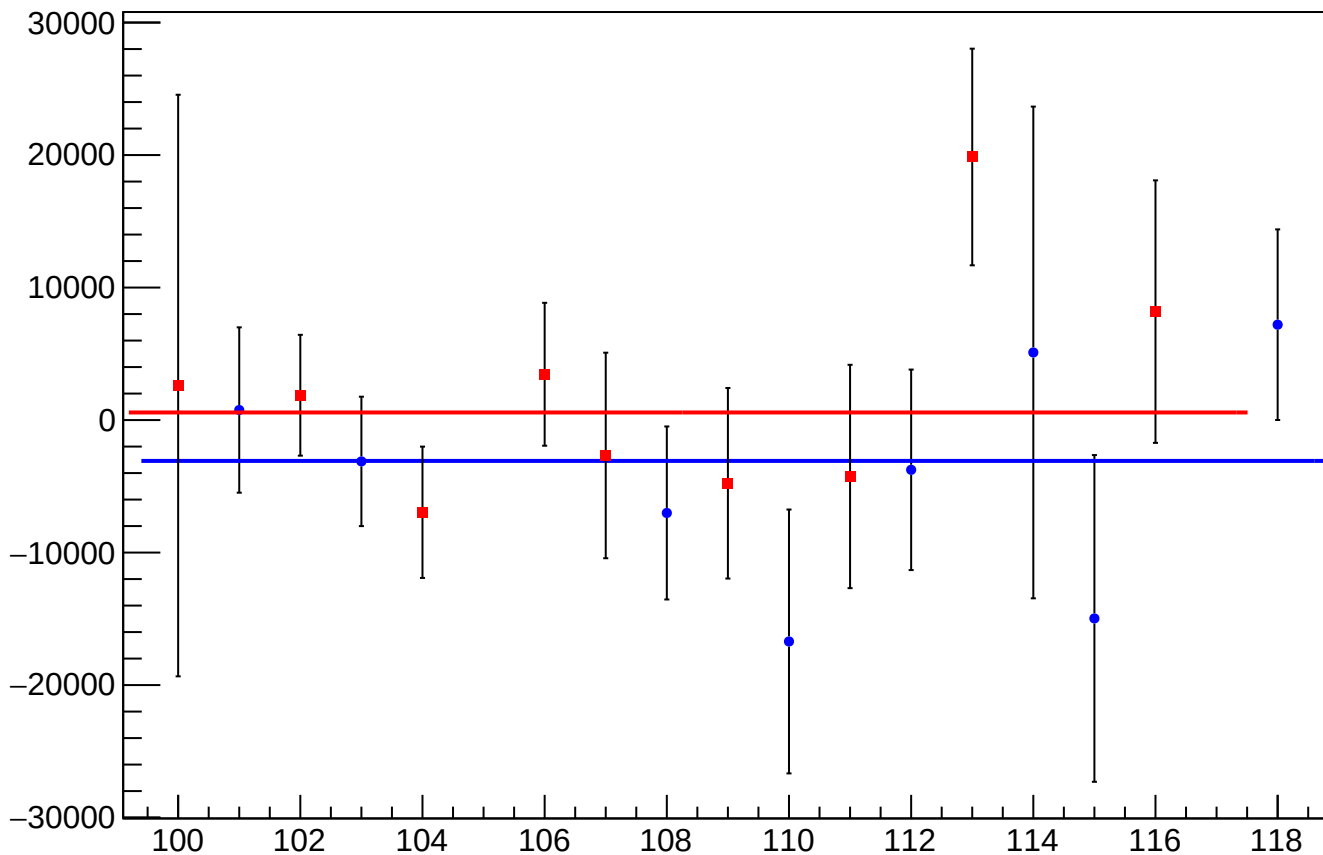
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1602.070 ± 0.446 $\chi^2/\text{NDF}: 389166.2/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -3082.197 $\pm$ 2604.188 χ^2/NDF : 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 573.723 $\pm$ 2233.359 χ^2/NDF : 9.9/8

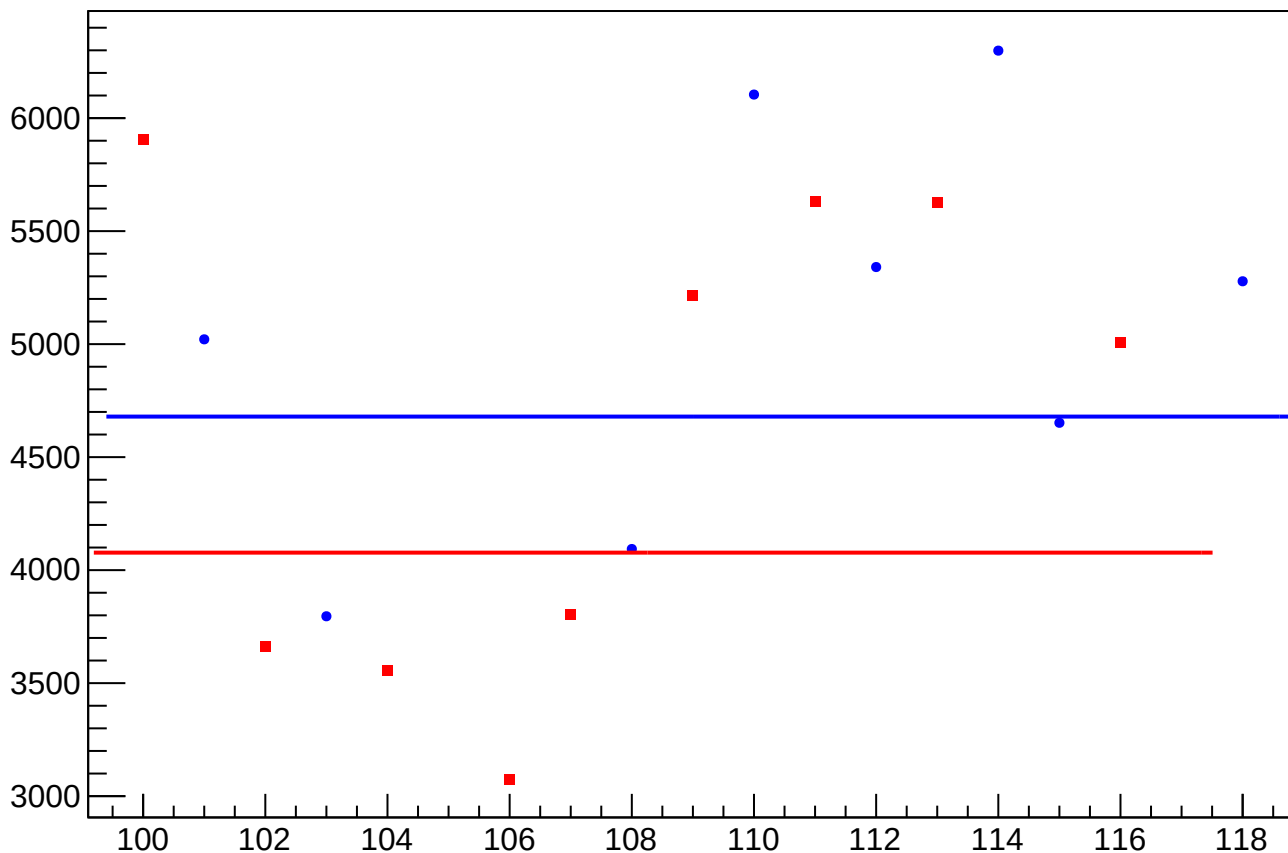
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -975.625 $\pm$ 1695.307 χ^2/NDF : 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 4679.412 $\pm$ 1.841 χ^2 /NDF: 172935.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4077.467 $\pm$ 1.579 χ^2 /NDF: 331998.8/8

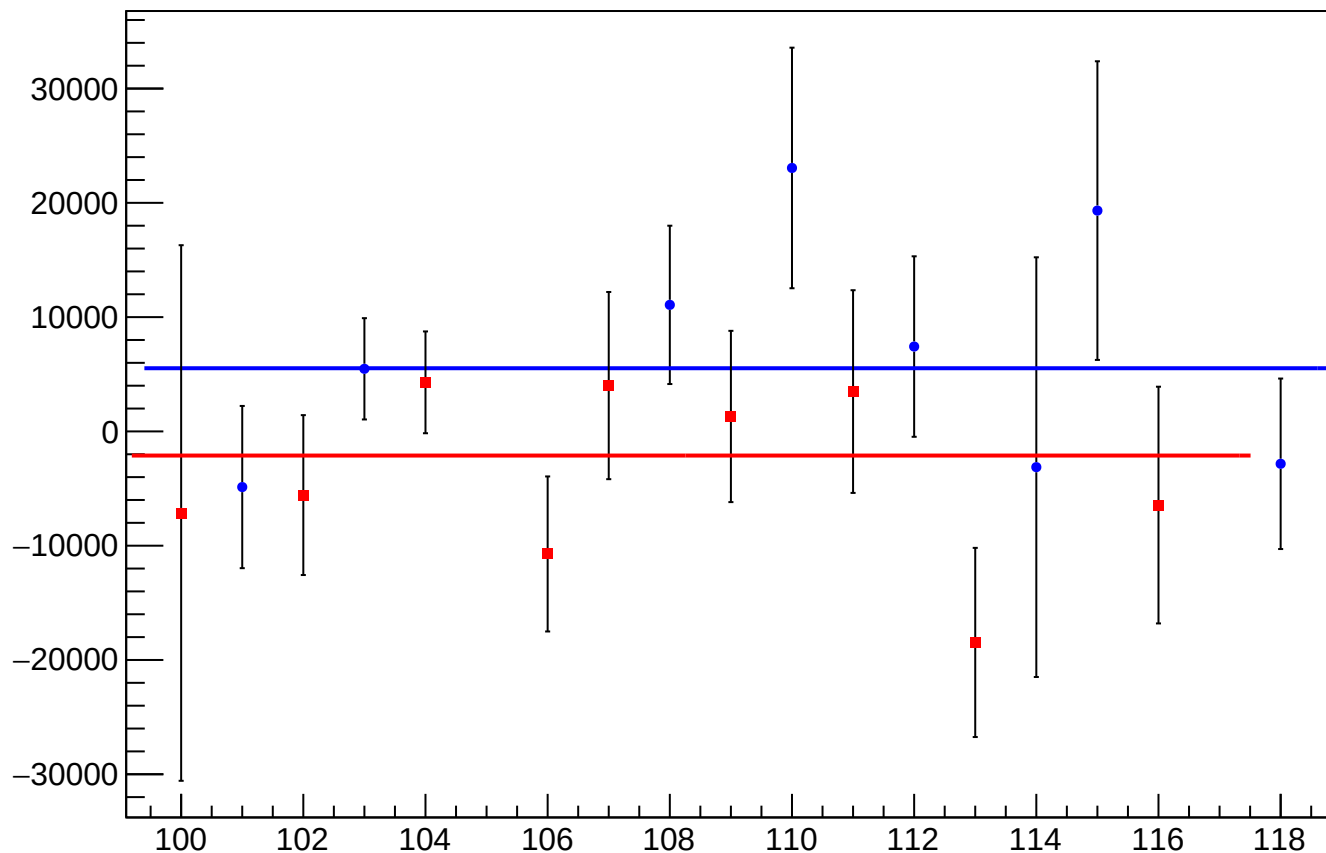
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4332.566 $\pm$ 1.199 χ^2 /NDF: 566505.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 5528.015 $\pm$ 2640.143 χ^2 /NDF: 8.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2112.323 $\pm$ 2471.304 χ^2 /NDF: 9.2/8

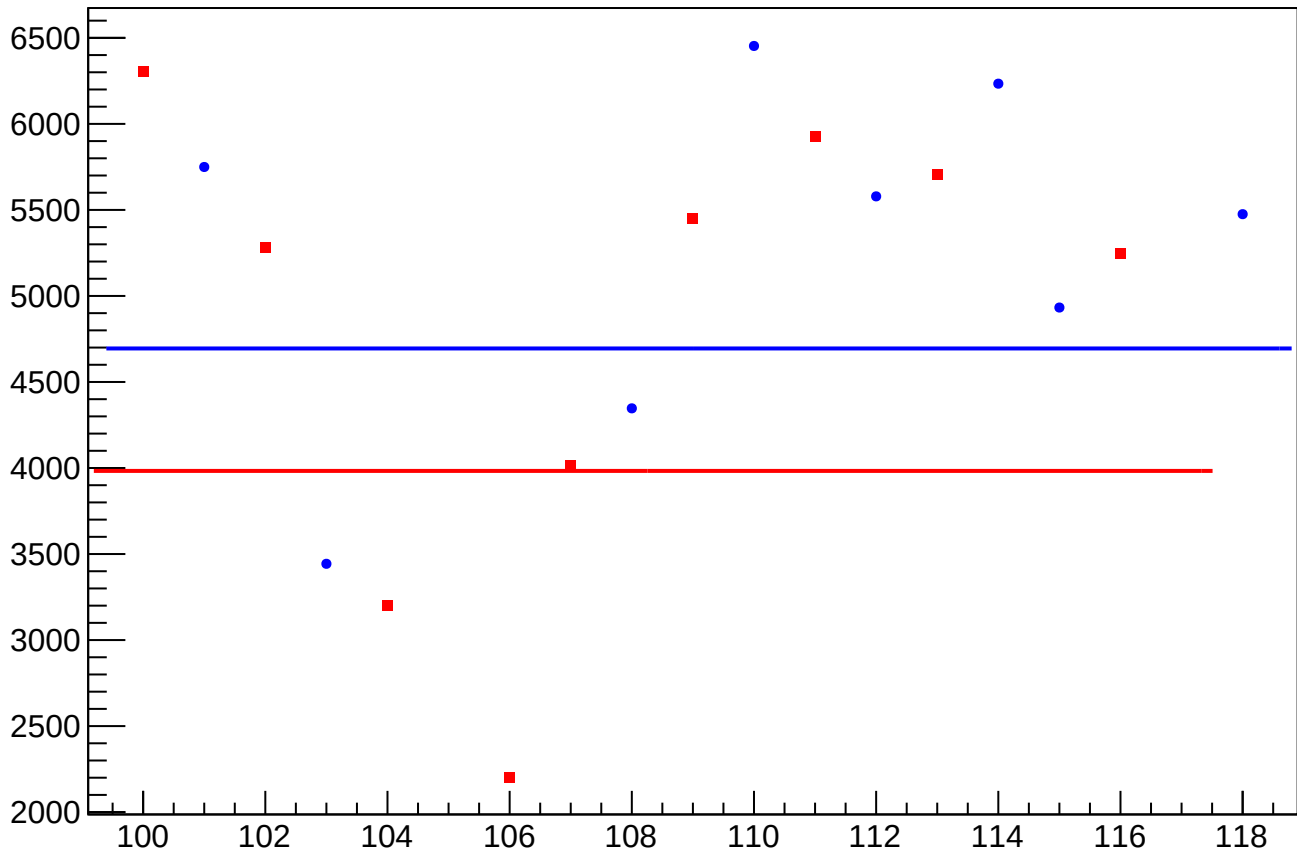
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1455.748 $\pm$ 1804.214 χ^2 /NDF: 21.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 4694.778 $\pm$ 1.867 χ^2 /NDF: 326187.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3983.104 $\pm$ 1.637 χ^2 /NDF: 722956.2/8

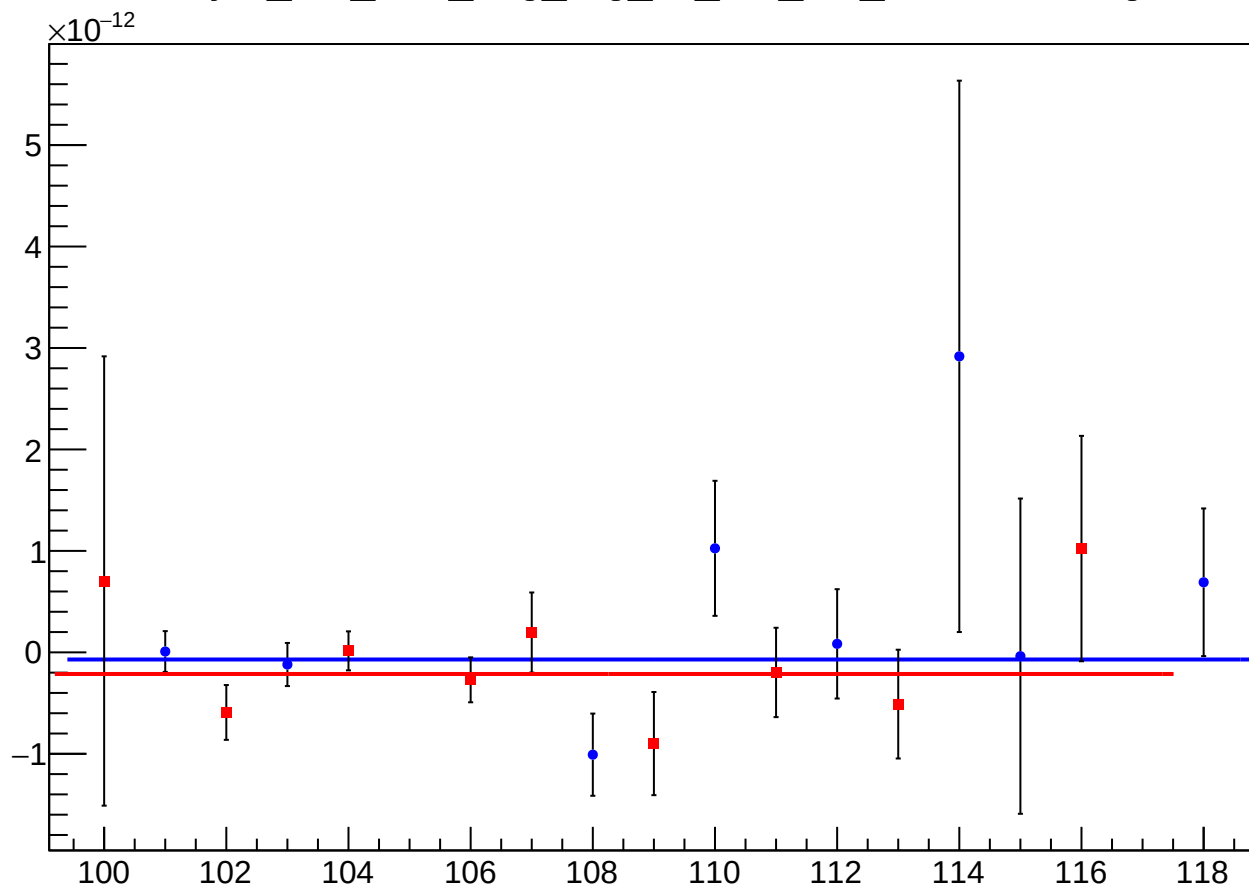
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4292.382 $\pm$ 1.231 χ^2 /NDF: 1131312.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug



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 : 8.1/8

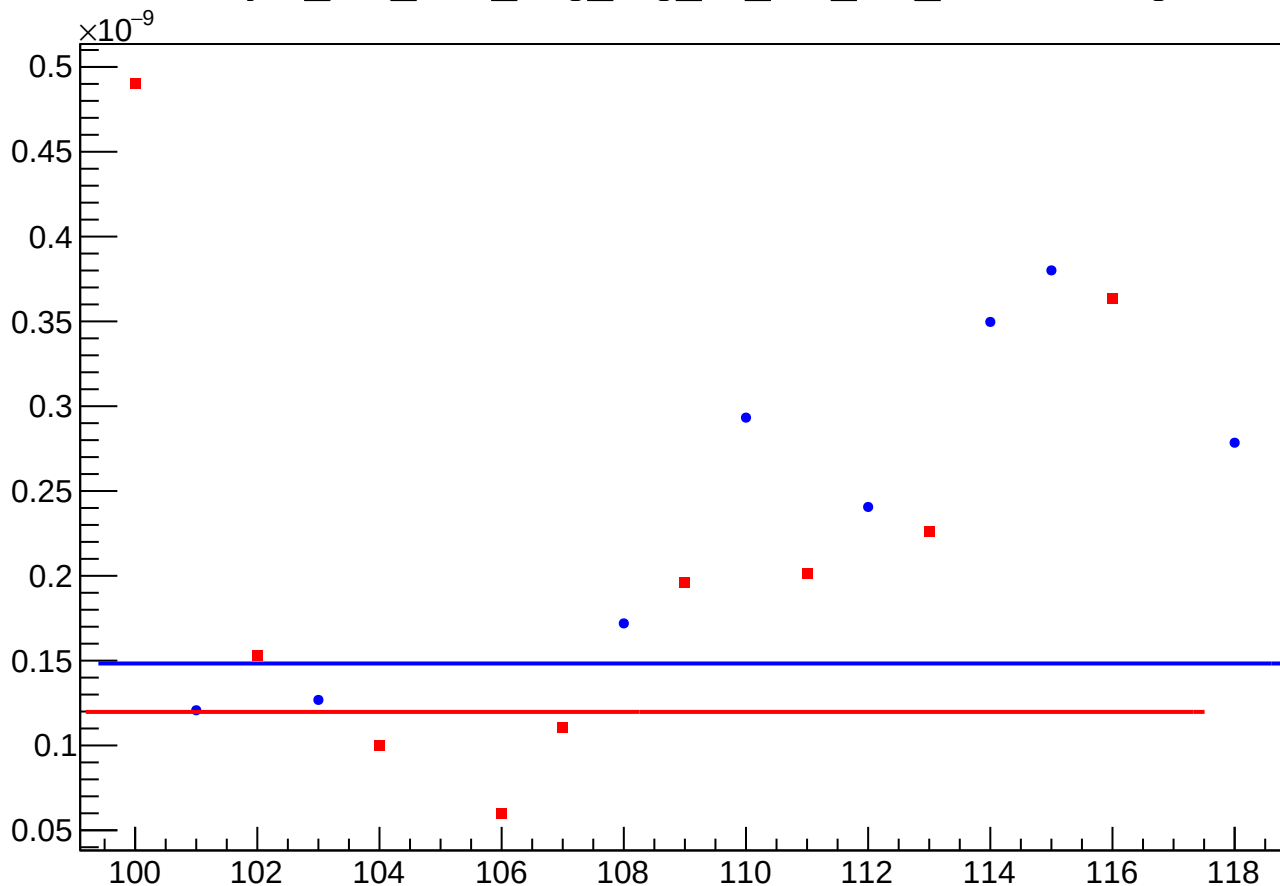
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug



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 : 544668.1/8

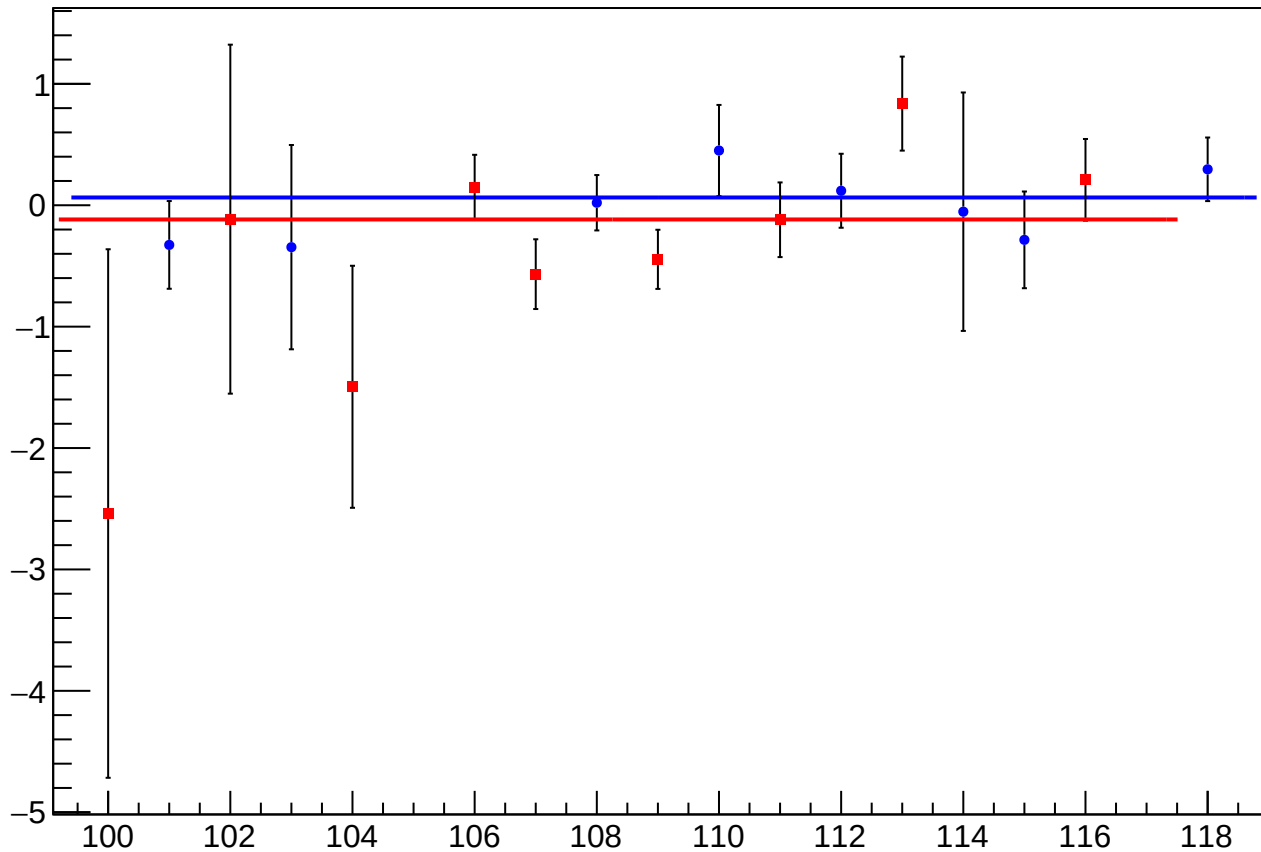
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 939342.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



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: -0.117 $\pm$ 0.119 χ^2 /NDF: 15.4/8

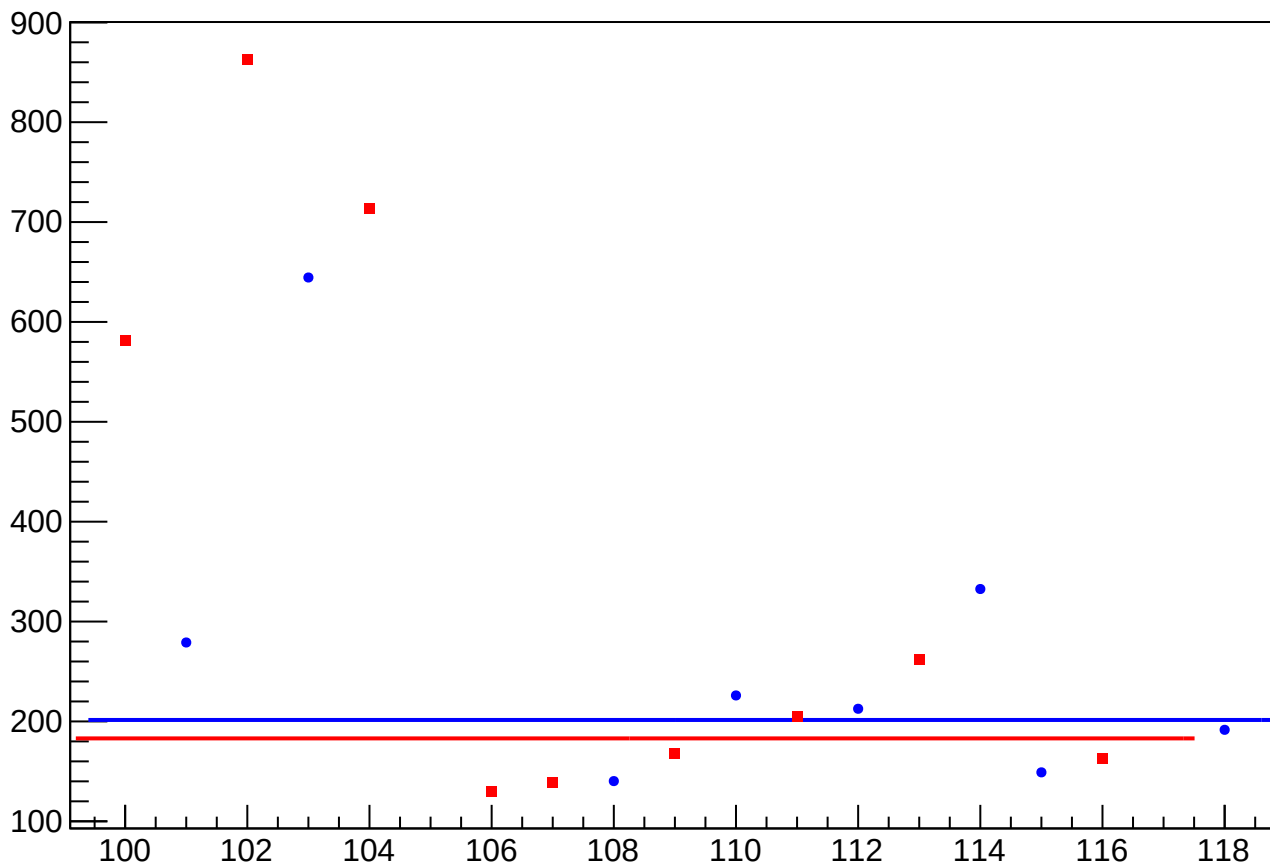
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.085 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



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: 183.006+/-0.084 χ^2/NDF : 1312471.3/8

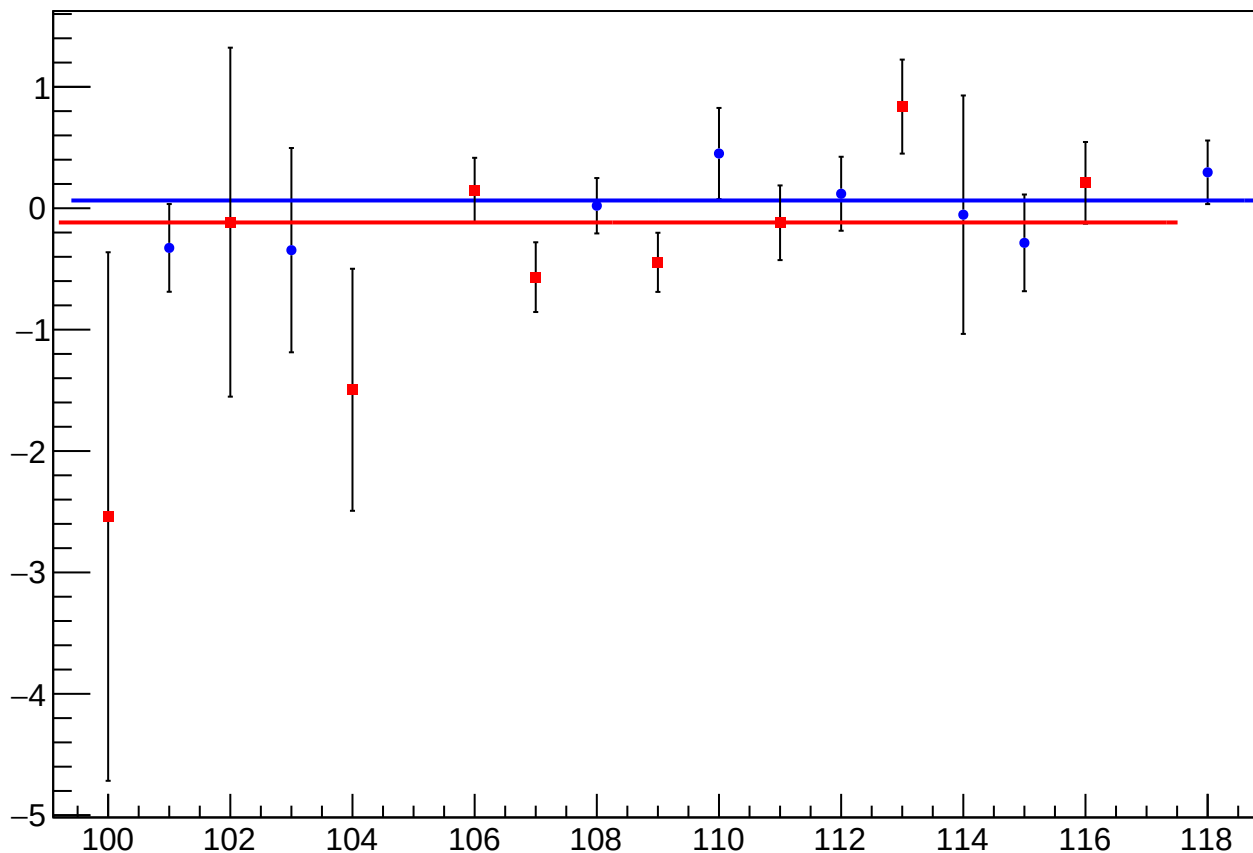
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.064+/-0.060 χ^2/NDF : 2211022.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.117 $\pm$ 0.119 χ^2 /NDF: 15.4/8

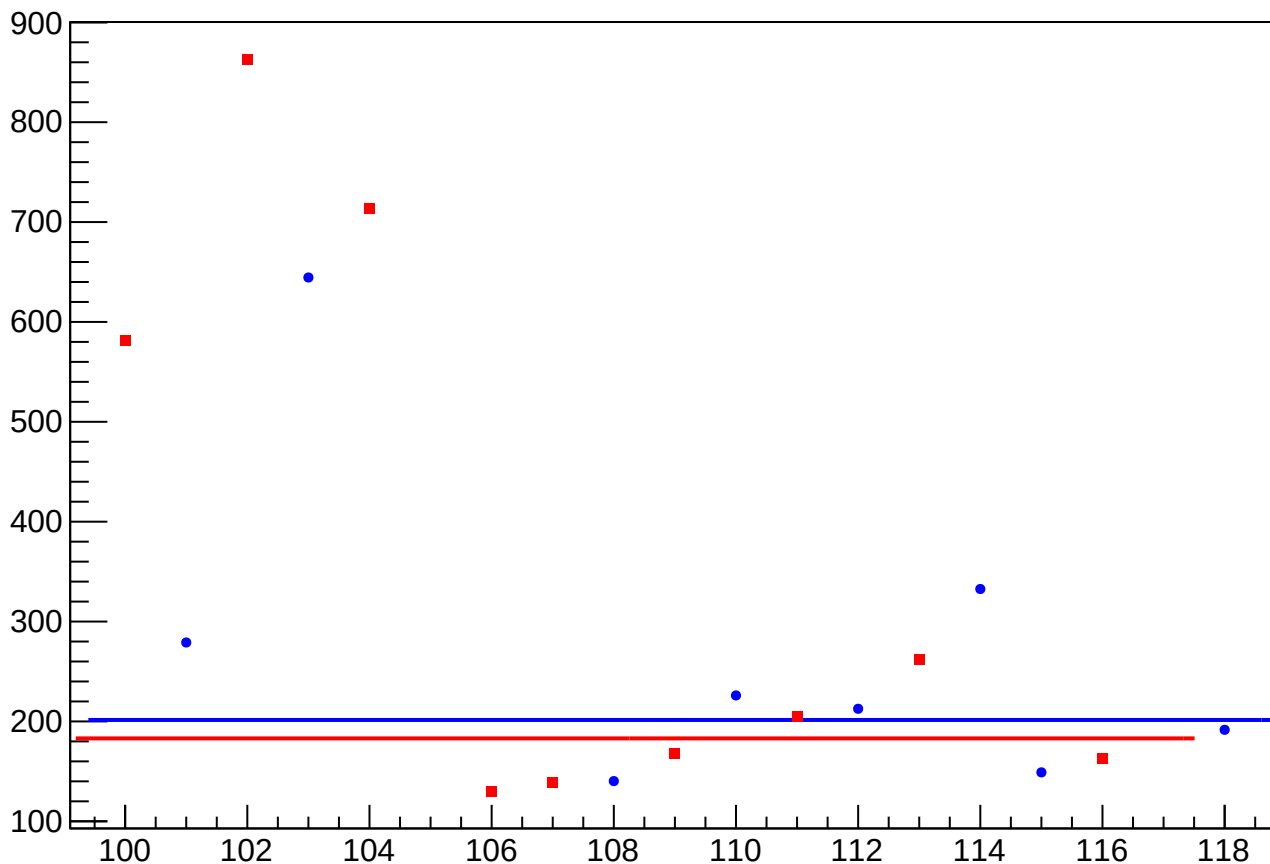
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.085 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 183.006+/-0.084 χ^2/NDF : 1312471.3/8

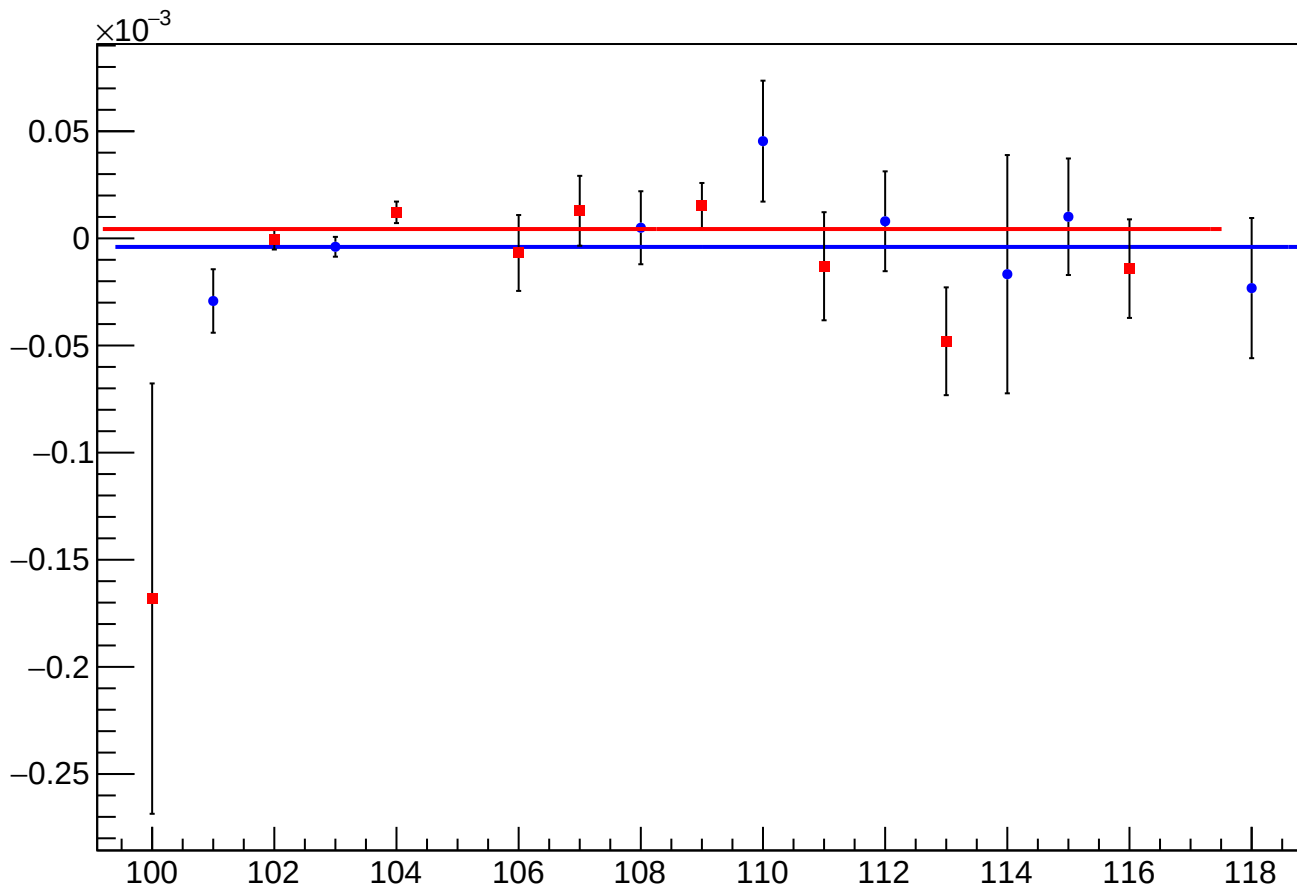
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.064+/-0.060 χ^2/NDF : 2211022.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 13.8/8

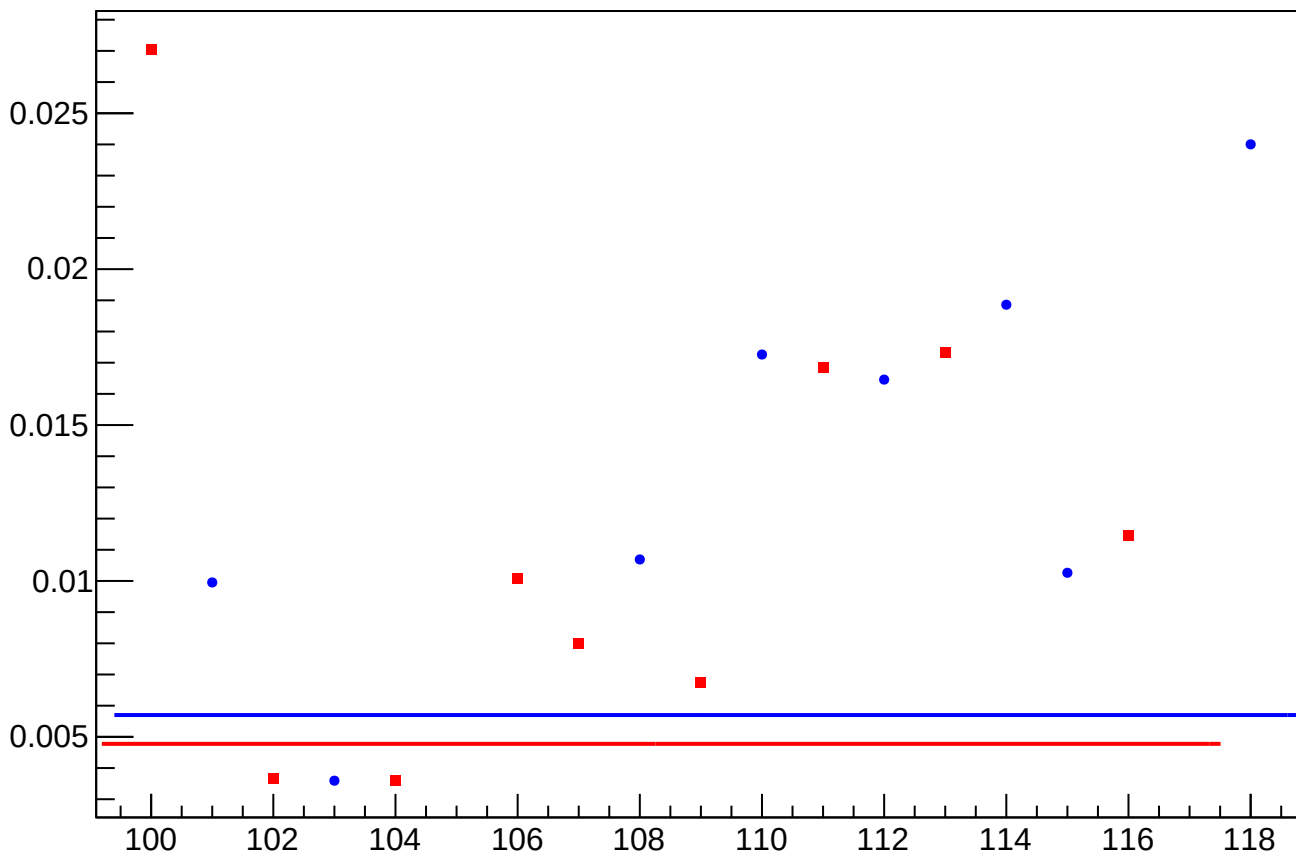
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1774254.7/8

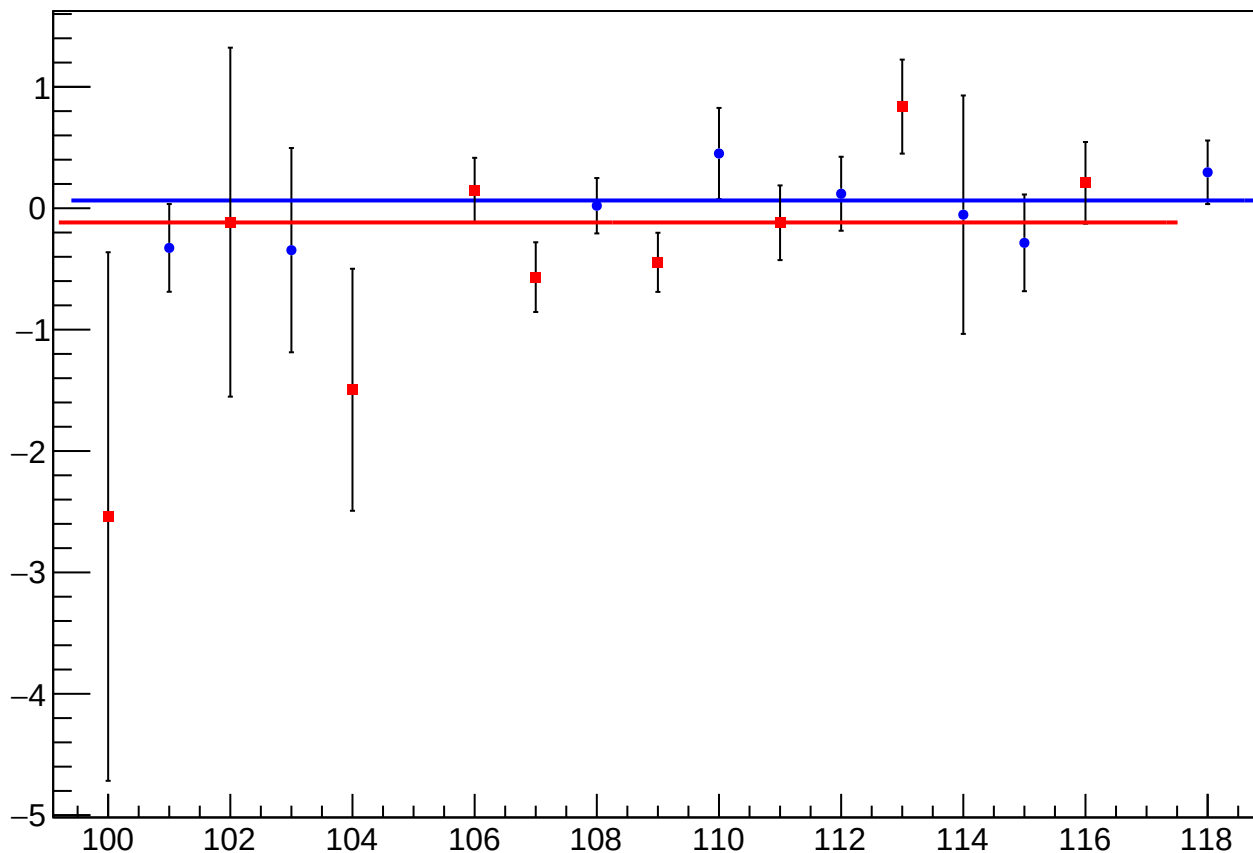
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 4147932.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.117 $\pm$ 0.119 χ^2 /NDF: 15.4/8

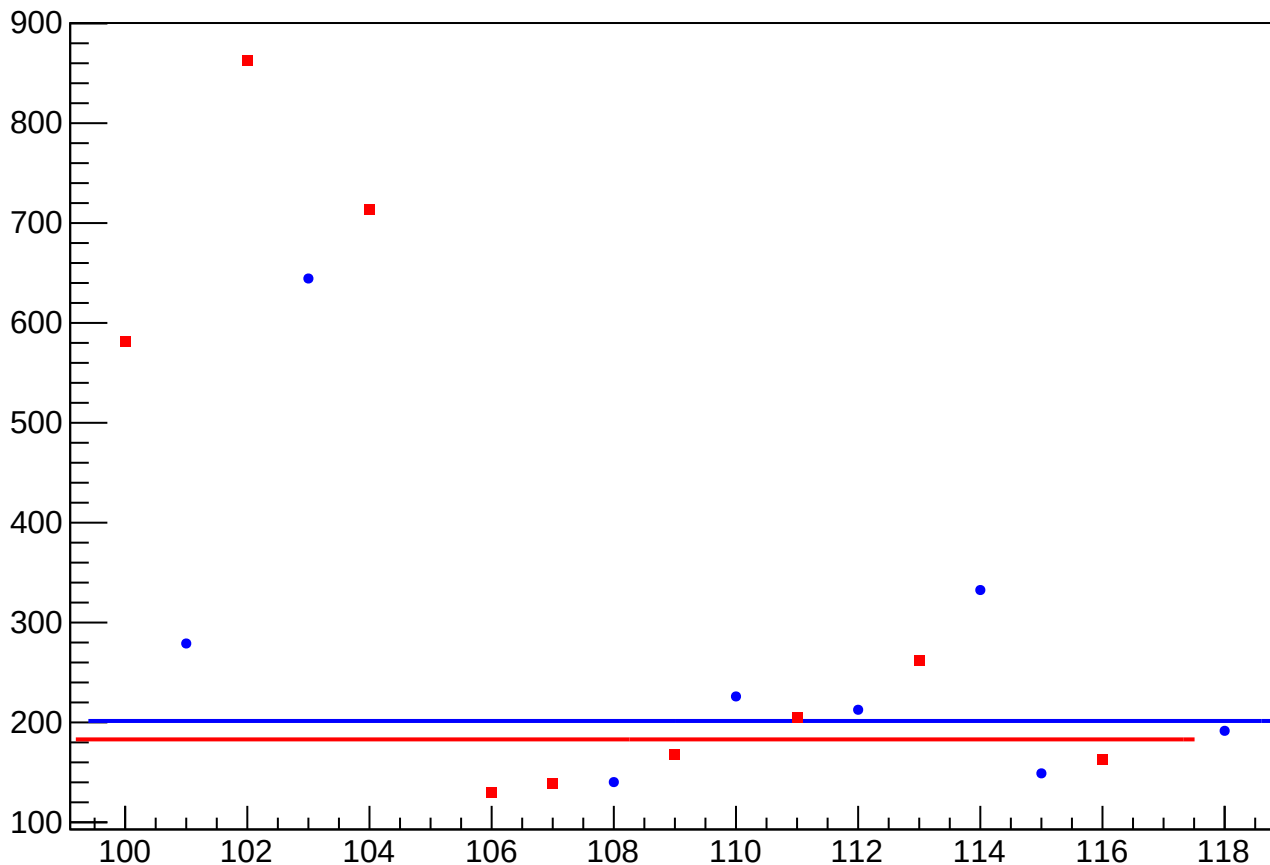
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.085 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 183.006+/-0.084 χ^2/NDF : 1312467.8/8

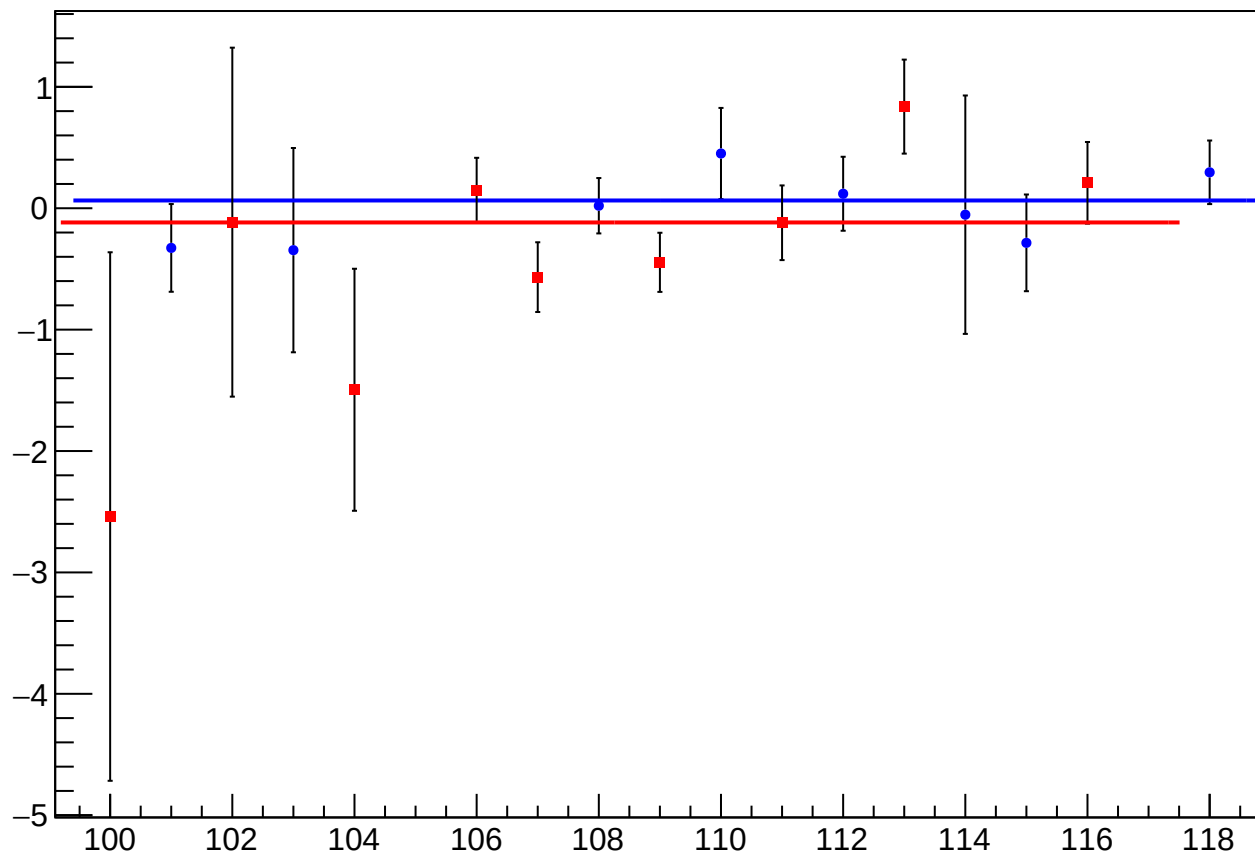
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.064+/-0.060 χ^2/NDF : 2211023.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.117 $\pm$ 0.119 χ^2 /NDF: 15.4/8

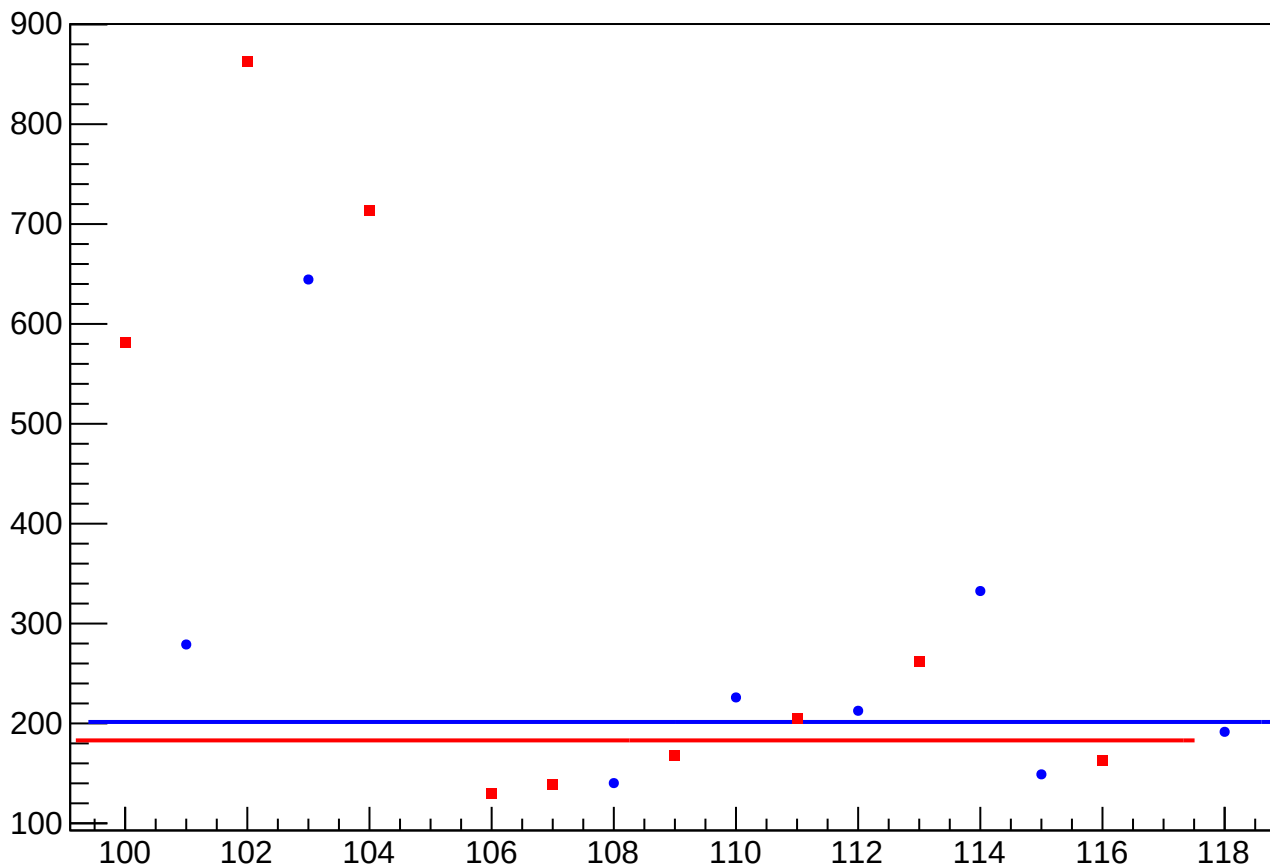
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.085 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 201.462 $\pm$ 0.086 χ^2 /NDF: 874940.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 183.006 $\pm$ 0.084 χ^2 /NDF: 1312467.8/8

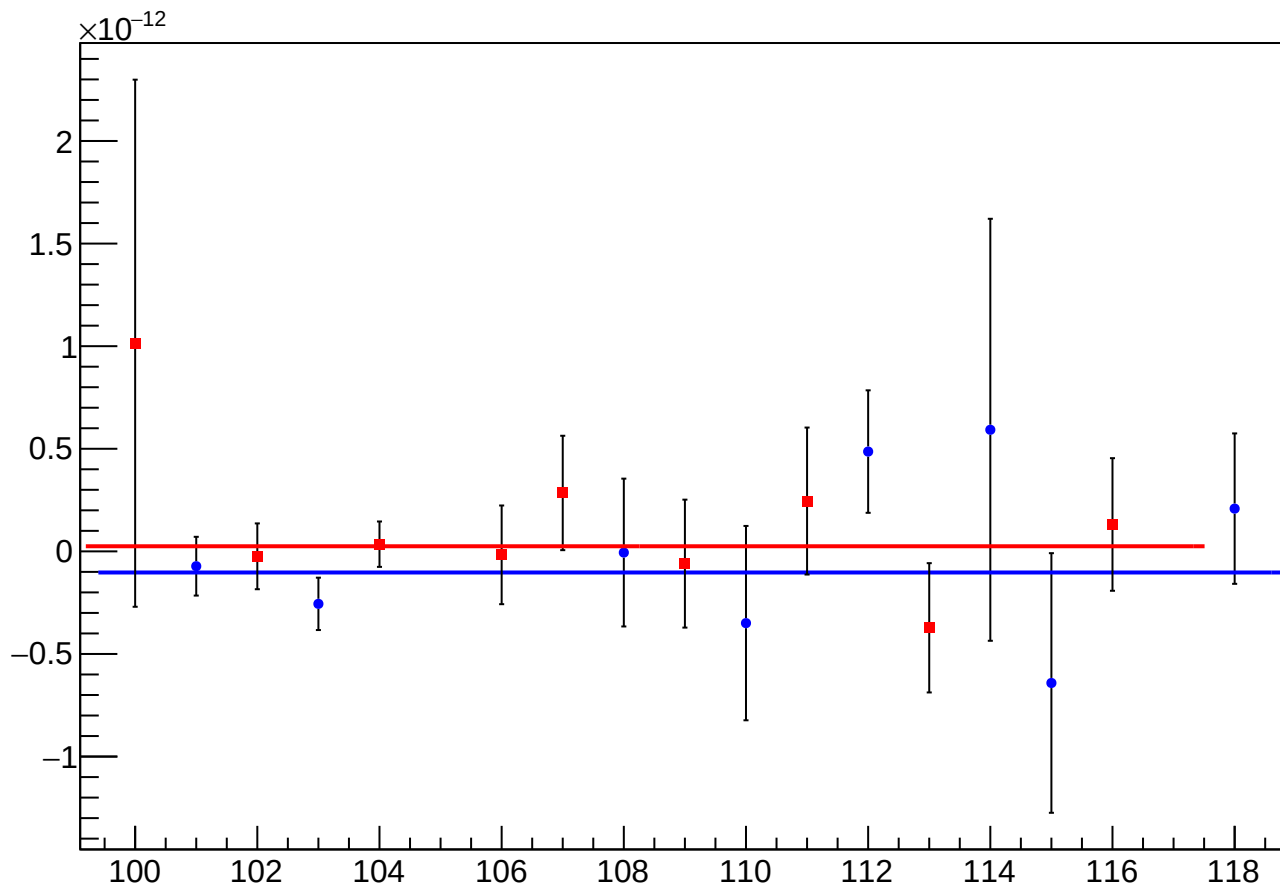
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.064 $\pm$ 0.060 χ^2 /NDF: 2211023.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 3.7/8

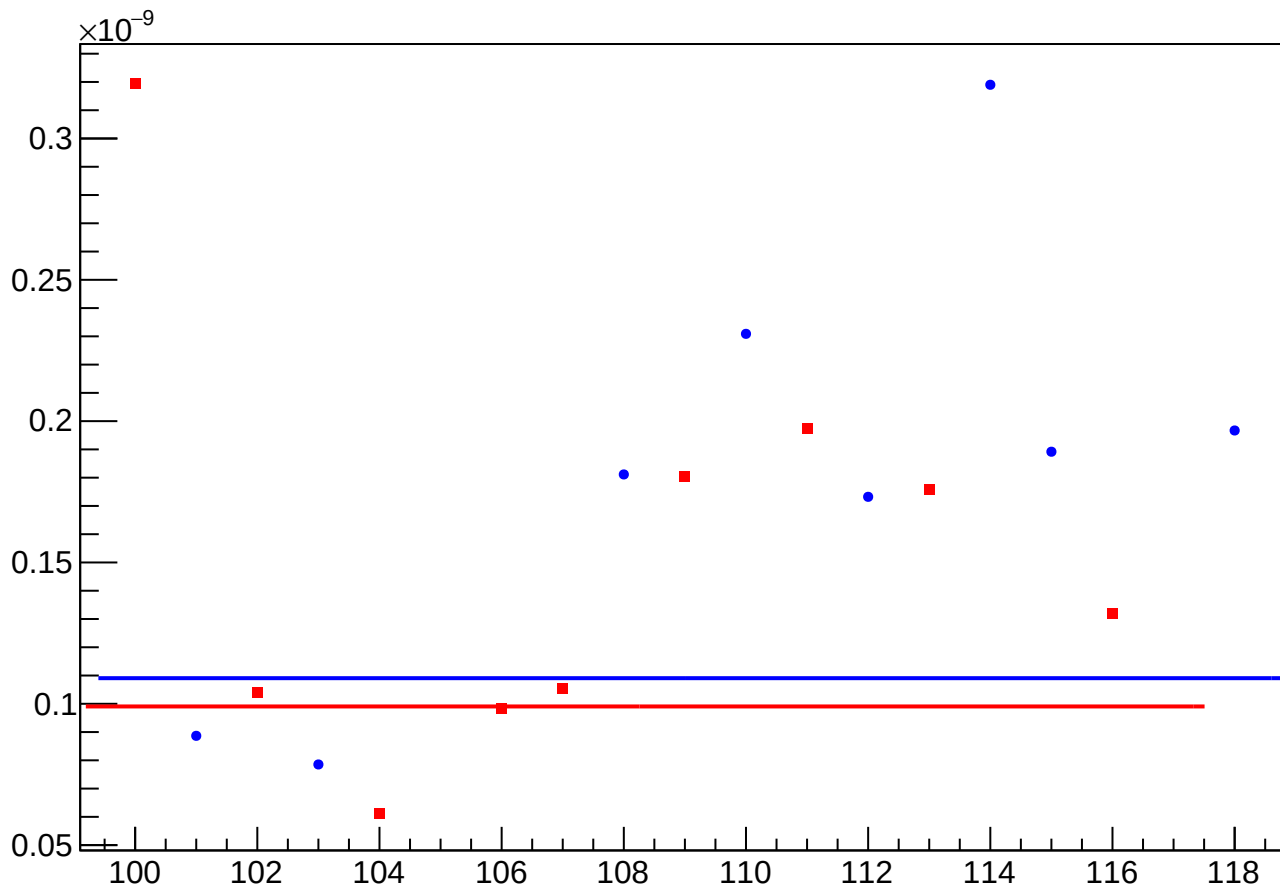
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 724262.7/8

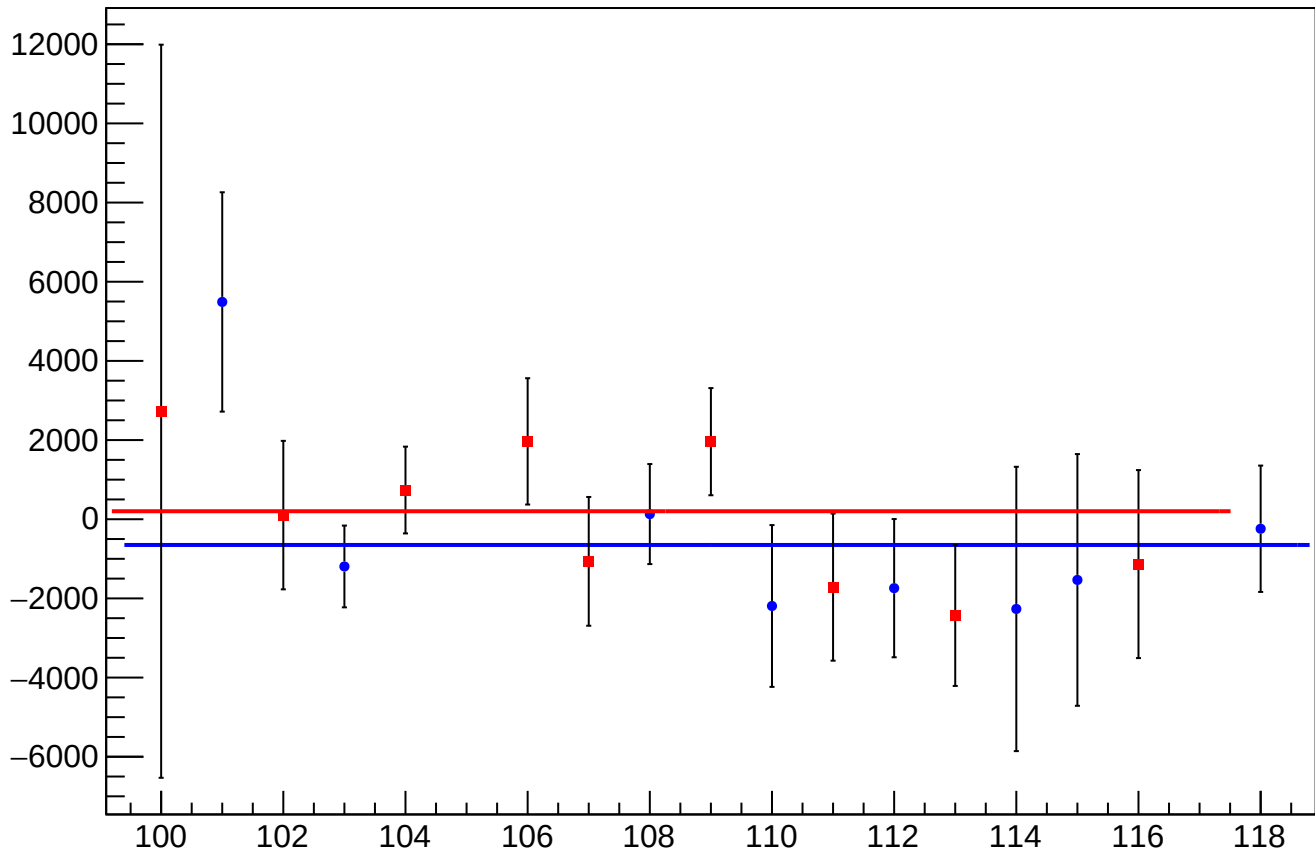
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1430379.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



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: 201.959+/-556.684 χ^2/NDF : 7.4/8

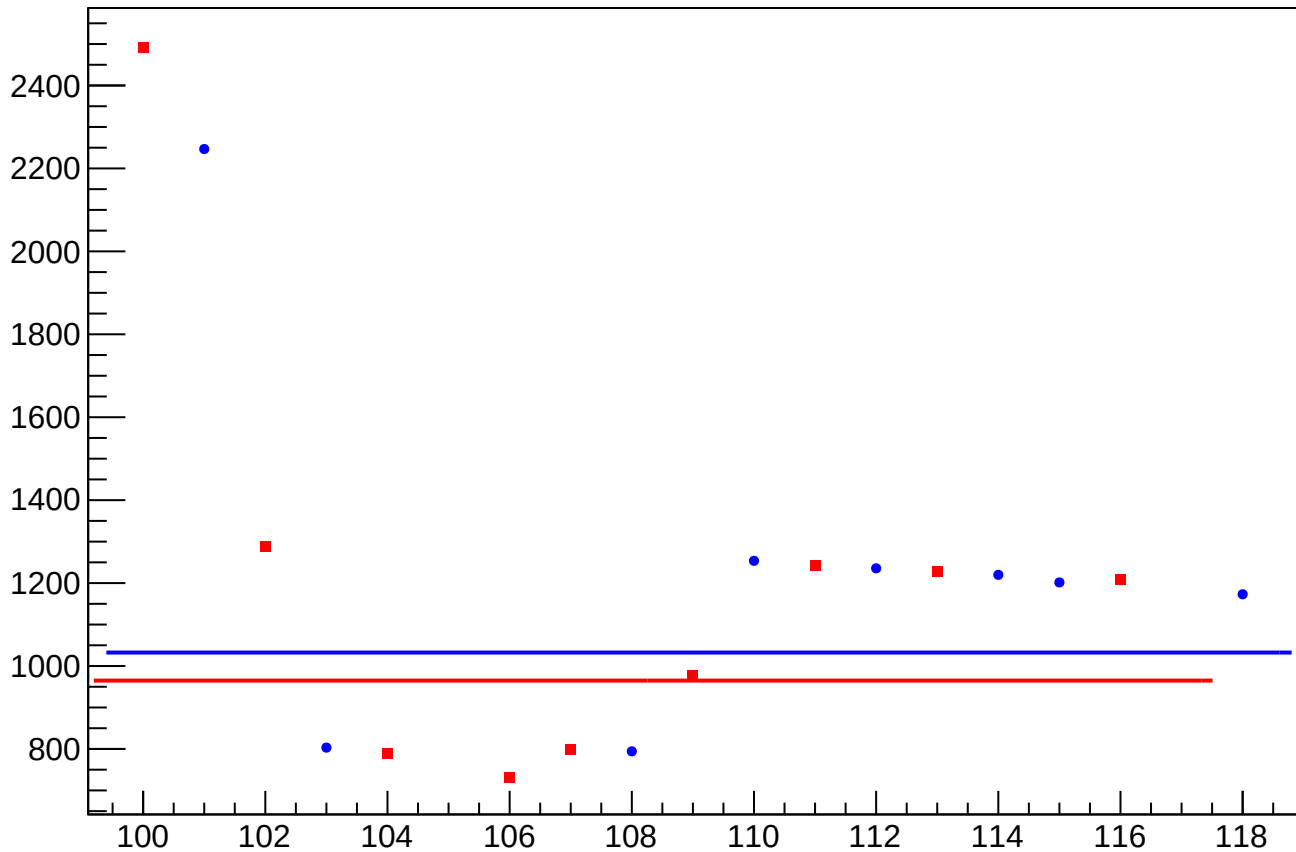
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -196.116+/-406.306 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1032.496 $\pm$ 0.420 χ^2 /NDF: 630848.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 964.873 $\pm$ 0.388 χ^2 /NDF: 349163.2/8

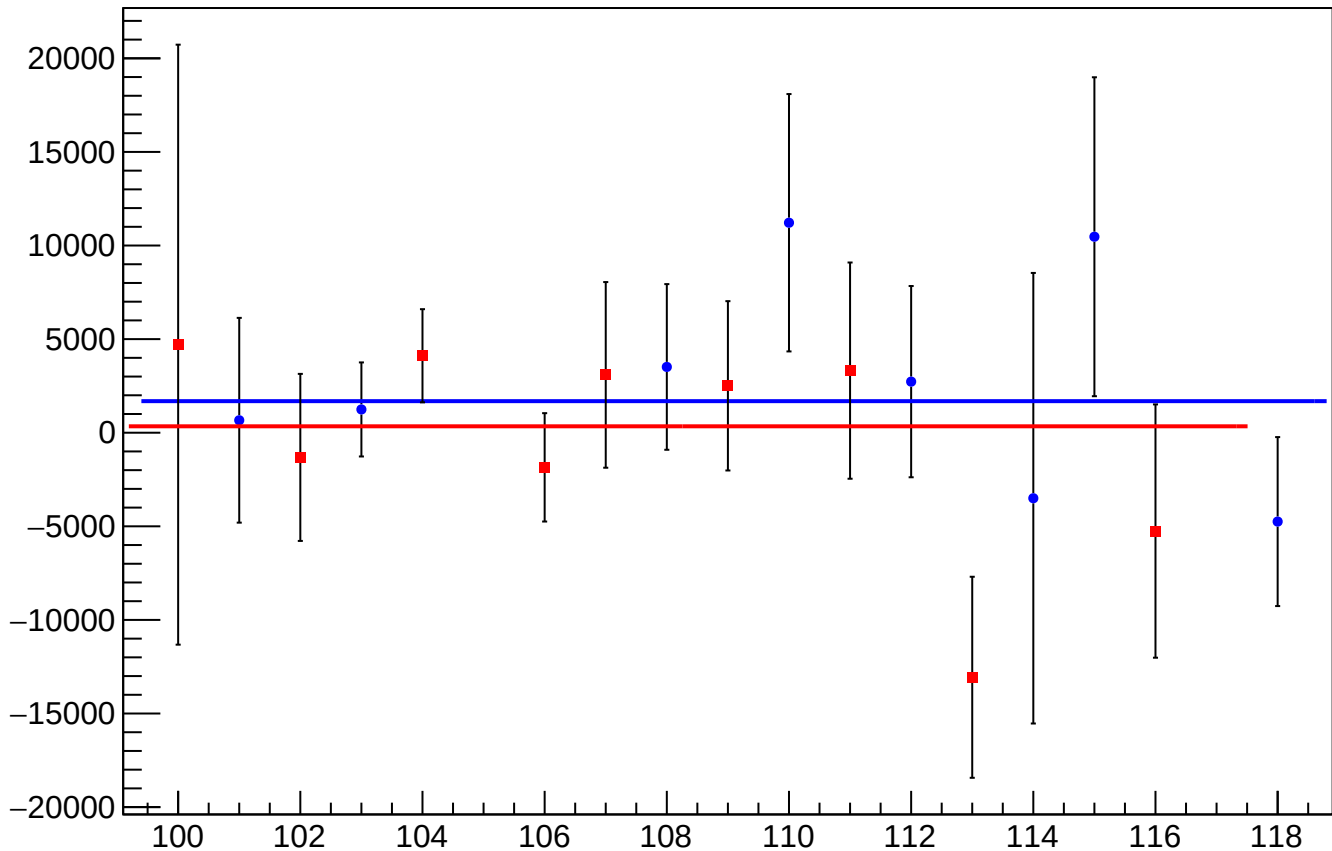
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 995.964 $\pm$ 0.285 χ^2 /NDF: 993996.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



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: 342.616+/-1398.786 χ^2/NDF : 10.8/8

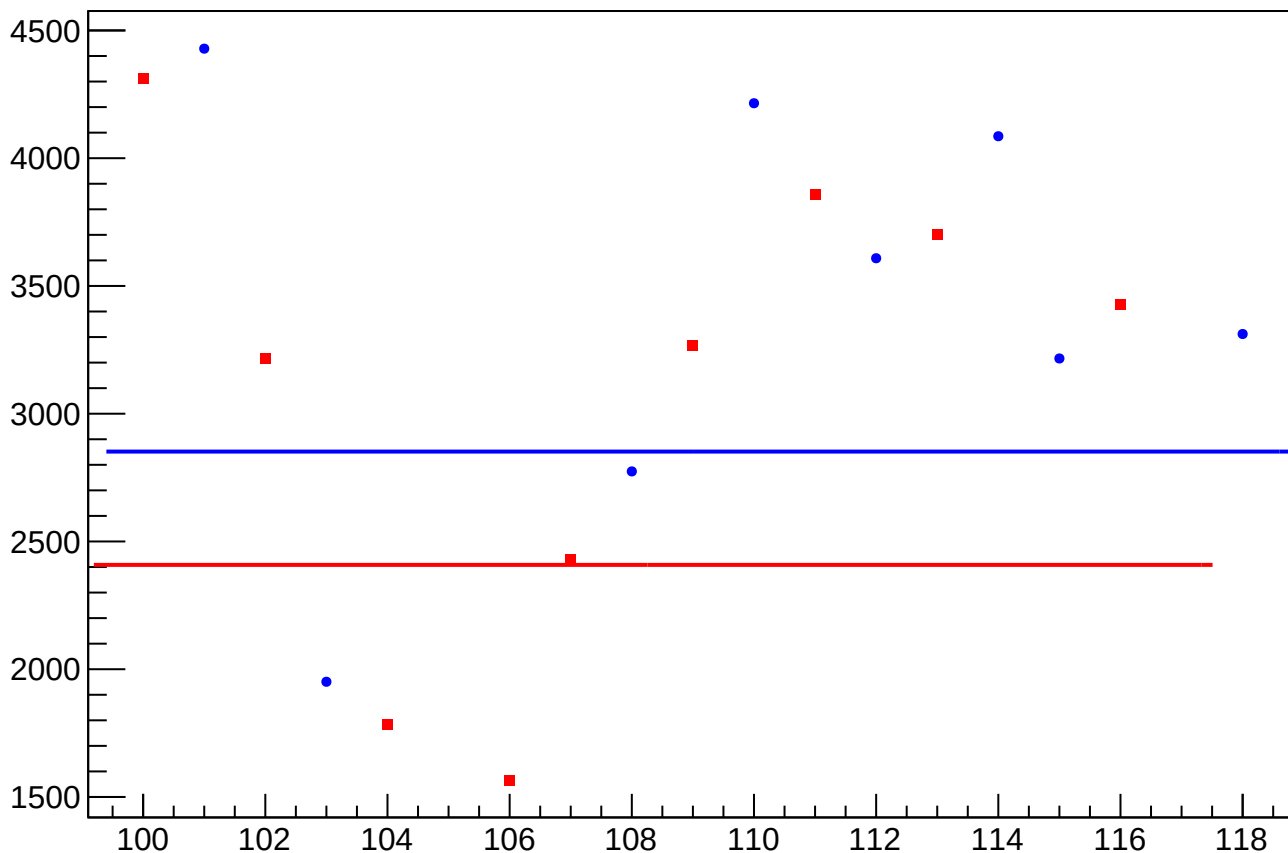
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.810+/-1064.018 χ^2/NDF : 16.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



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: 2408.315+/-0.989 χ^2/NDF : 749115.9/8

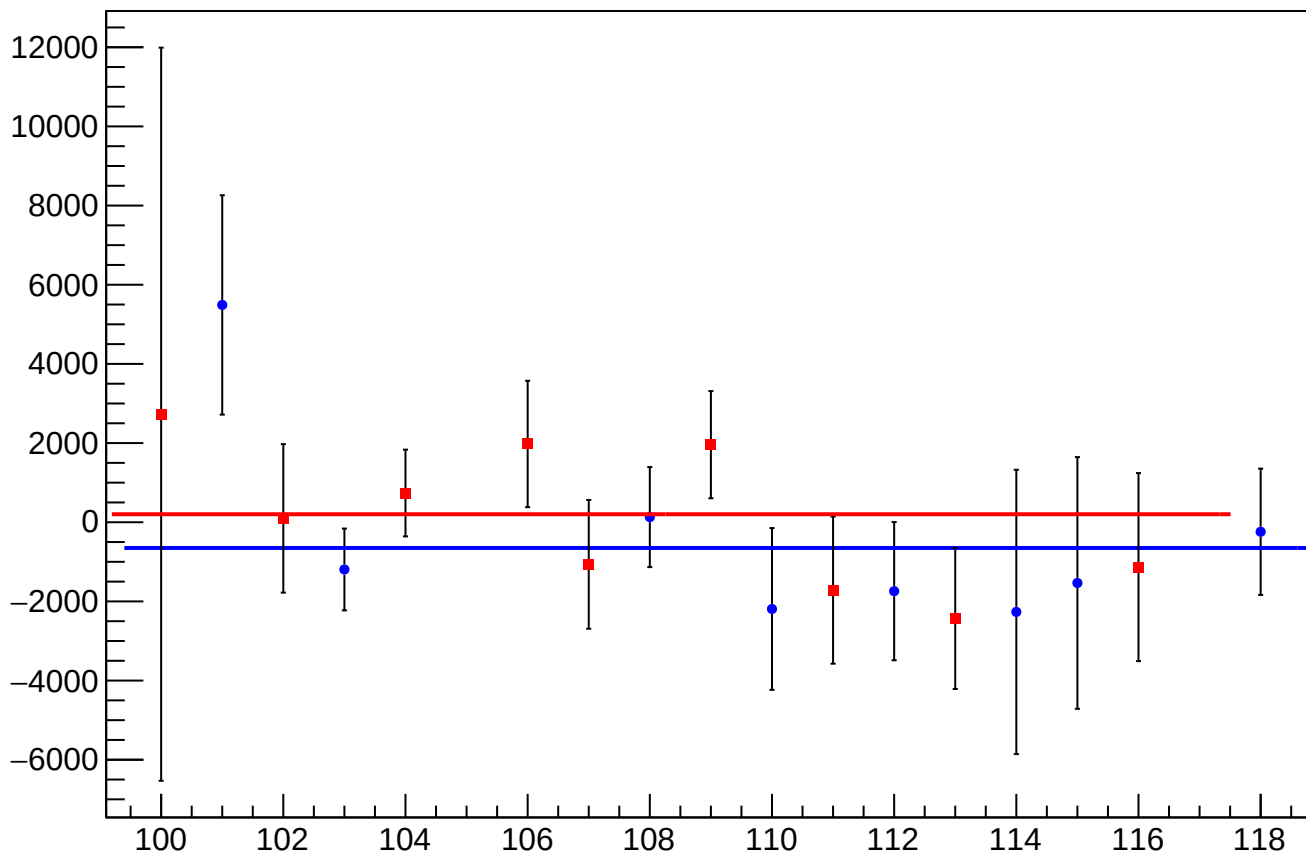
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2595.185+/-0.752 χ^2/NDF : 1425884.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



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: 202.505+/-556.694 χ^2/NDF : 7.4/8

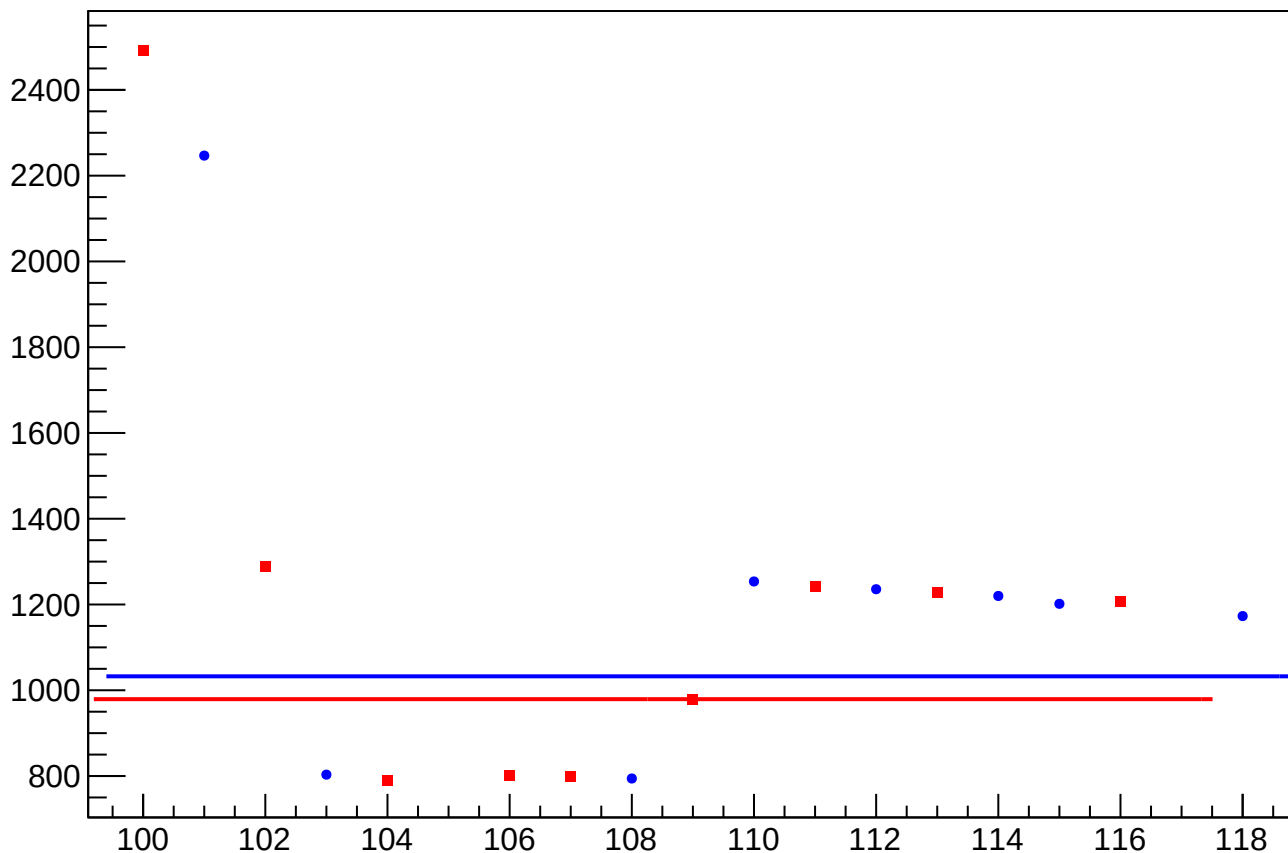
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.786+/-406.311 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1032.497 $\pm$ 0.420 χ^2 /NDF: 630845.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 979.232 $\pm$ 0.392 χ^2 /NDF: 316568.9/8

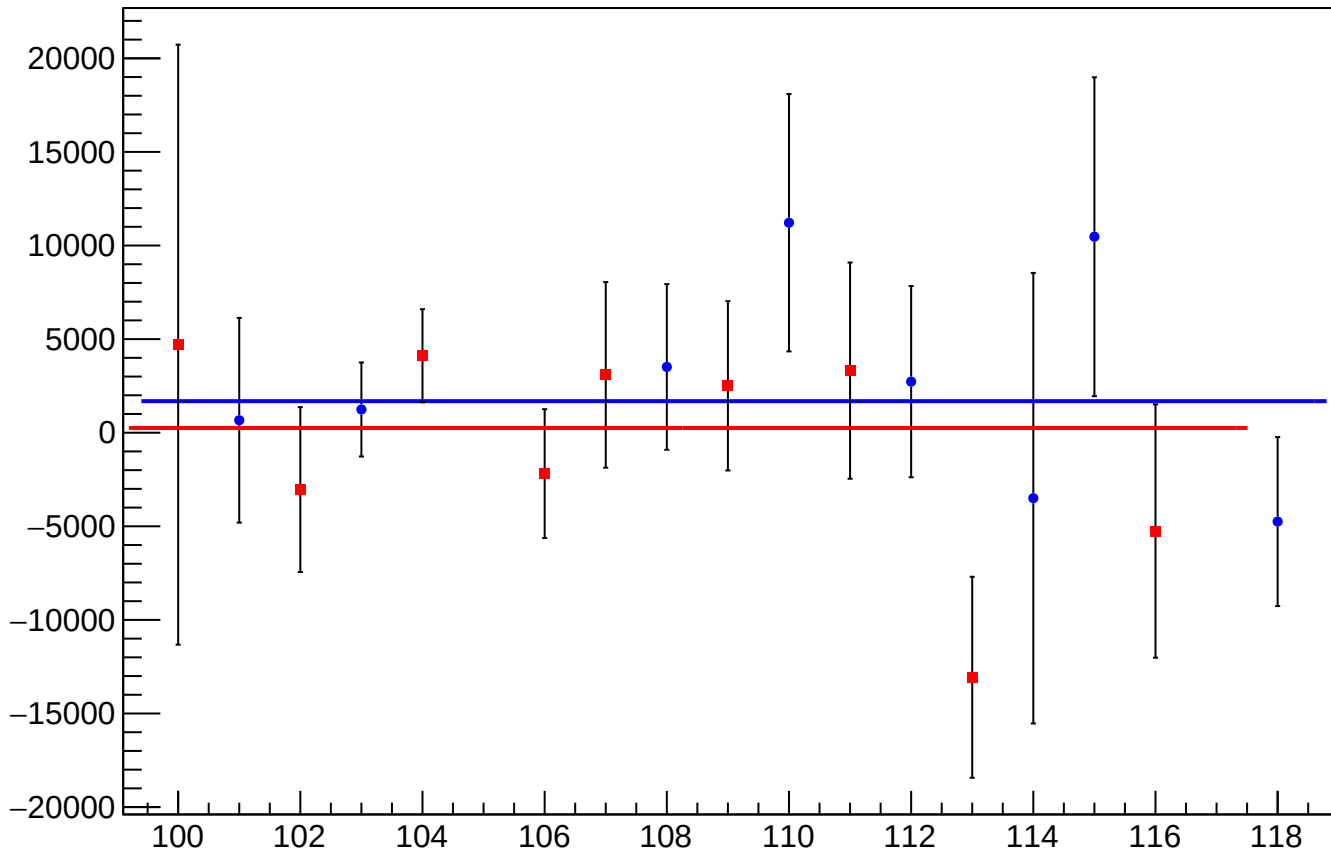
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1004.029 $\pm$ 0.287 χ^2 /NDF: 955999.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



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: 253.445+/-1447.212 χ^2/NDF : 11.2/8

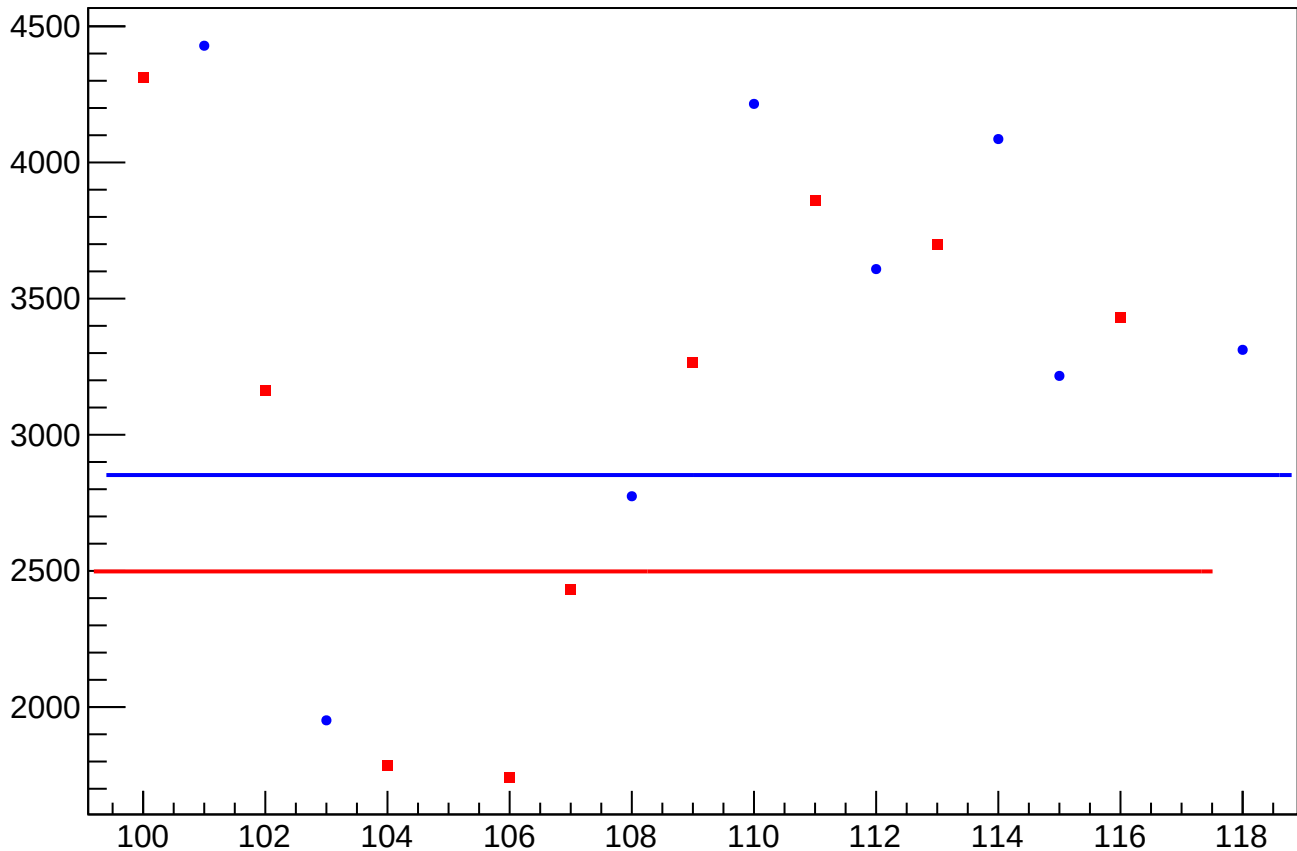
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.692+/-1084.907 χ^2/NDF : 17.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



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: 2498.123+/-1.023 χ^2/NDF : 639934.0/8

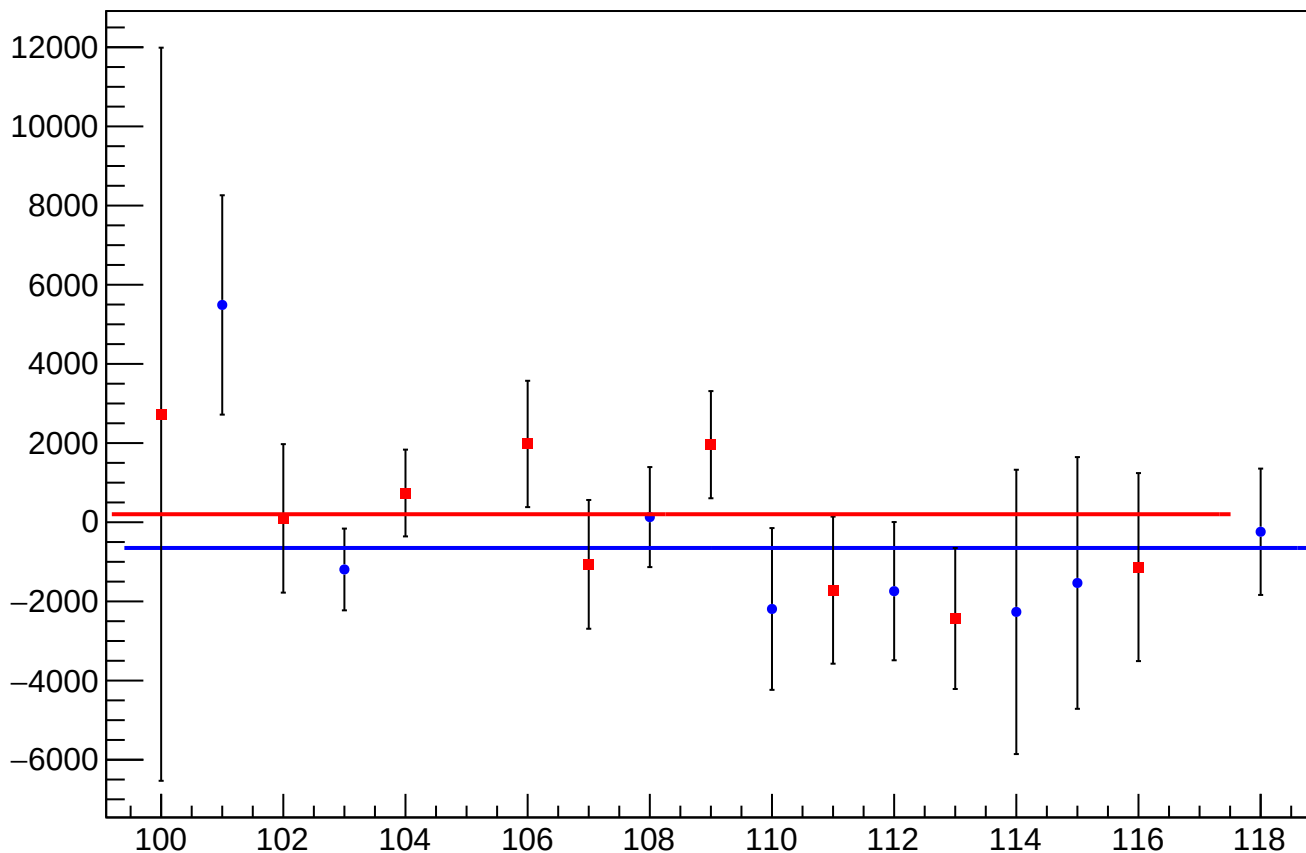
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2653.159+/-0.767 χ^2/NDF : 1284100.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -649.820 $\pm$ 594.375 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.505 $\pm$ 556.694 χ^2 /NDF: 7.4/8

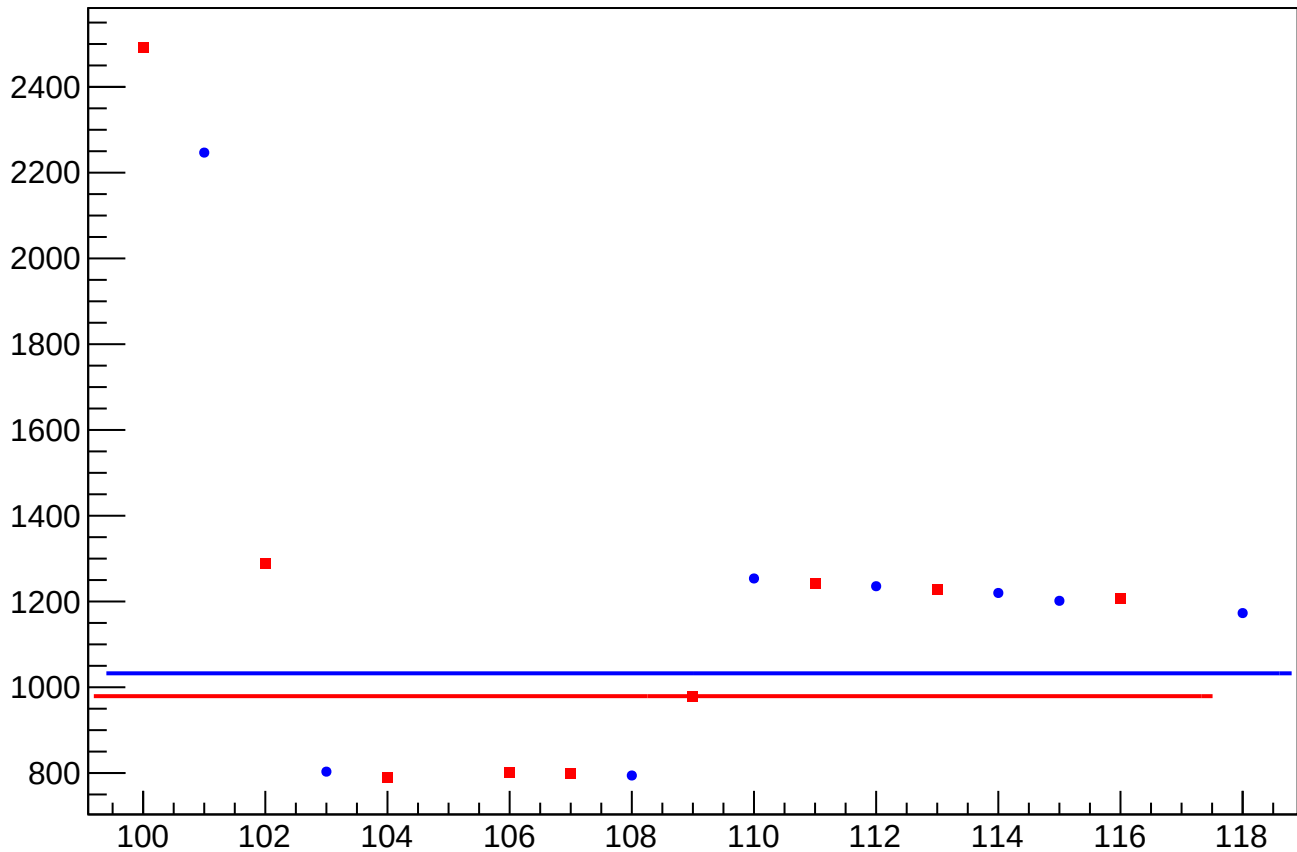
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.786 $\pm$ 406.311 χ^2 /NDF: 15.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1032.497 $\pm$ 0.420 χ^2 /NDF: 630845.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 979.232 $\pm$ 0.392 χ^2 /NDF: 316568.9/8

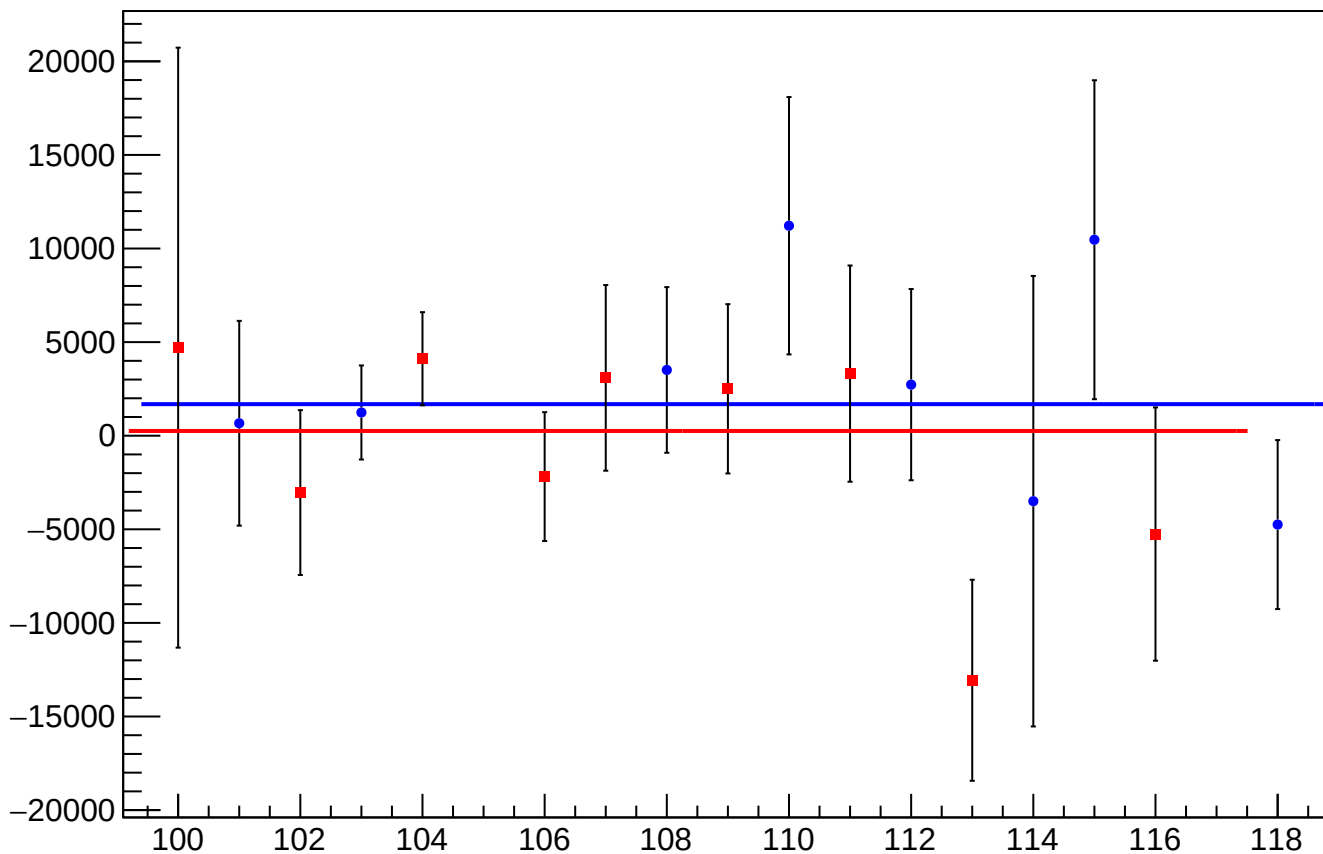
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1004.029 $\pm$ 0.287 χ^2 /NDF: 955999.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug



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: 253.445+/-1447.212 χ^2/NDF : 11.2/8

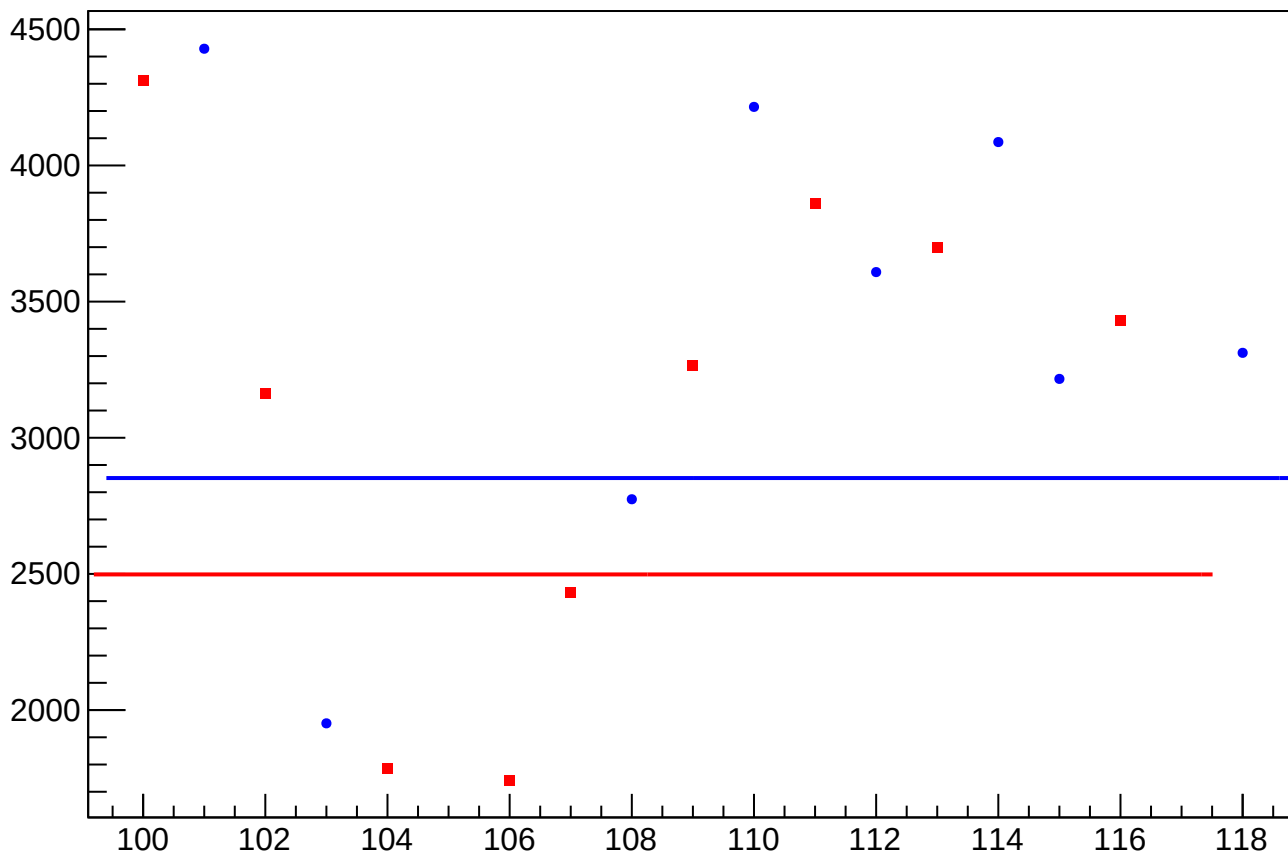
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 880.692+/-1084.907 χ^2/NDF : 17.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



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: 2498.123+/-1.023 χ^2/NDF : 639934.0/8

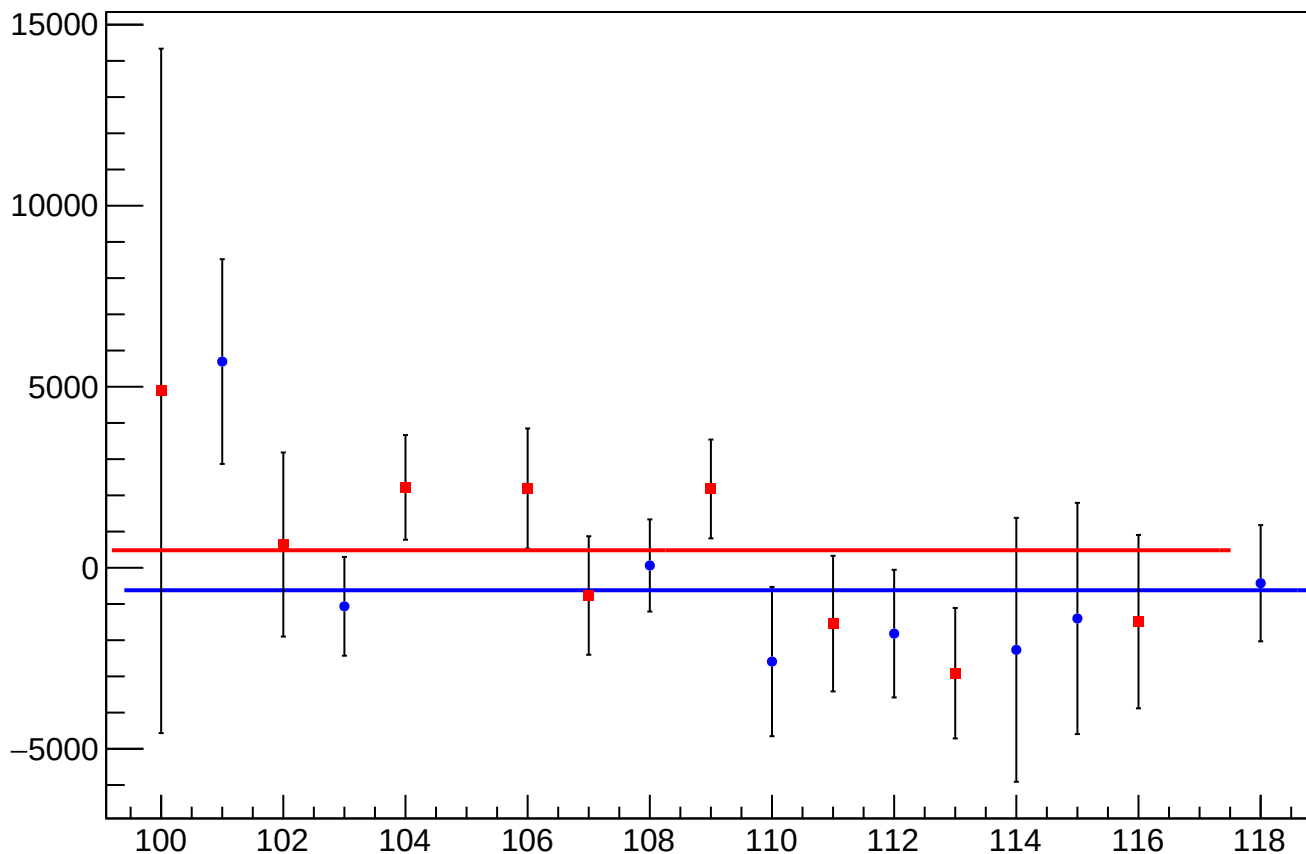
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2653.159+/-0.767 χ^2/NDF : 1284100.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



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: 483.501+/-610.167 χ^2/NDF : 10.2/8

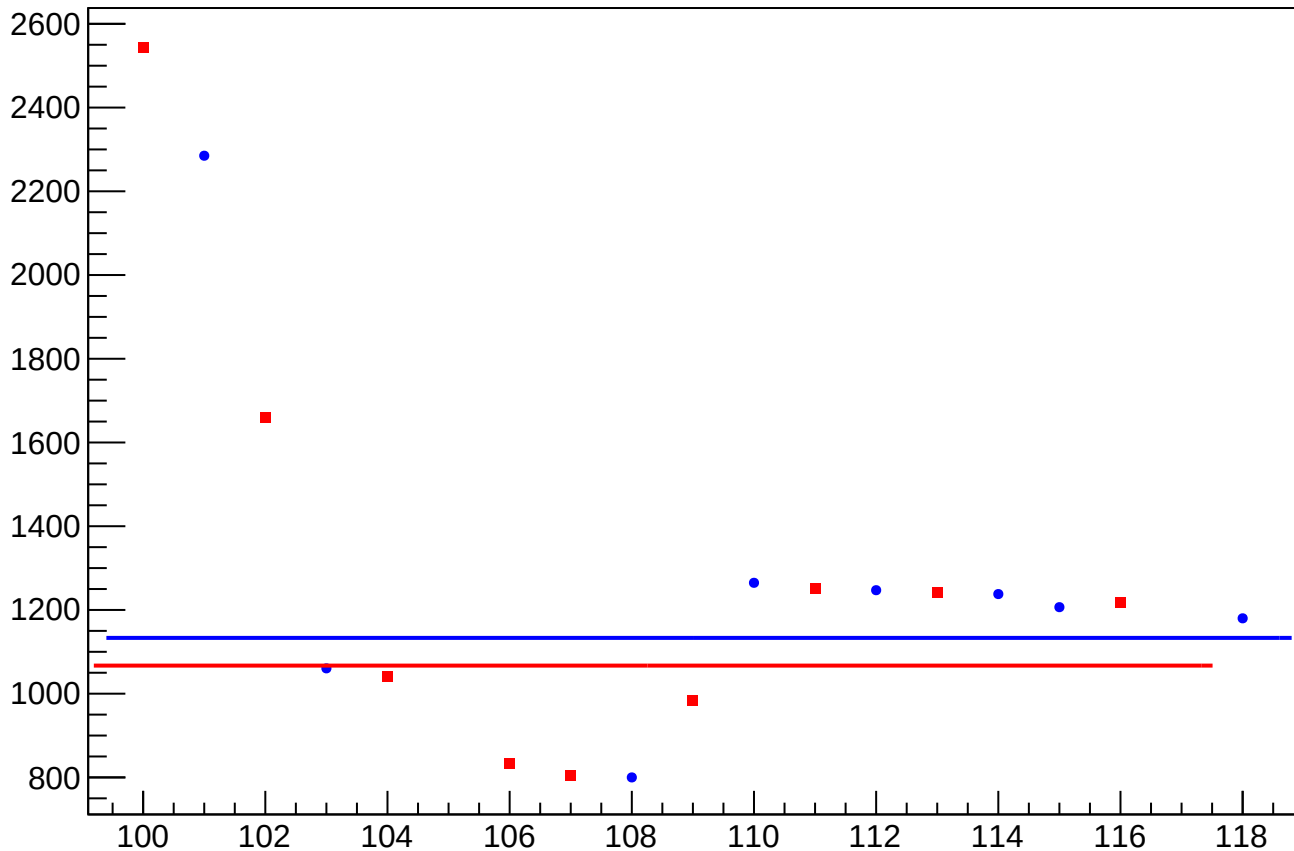
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.367+/-443.471 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1133.265 $\pm$ 0.457 χ^2 /NDF: 495594.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1067.076 $\pm$ 0.431 χ^2 /NDF: 303428.0/8

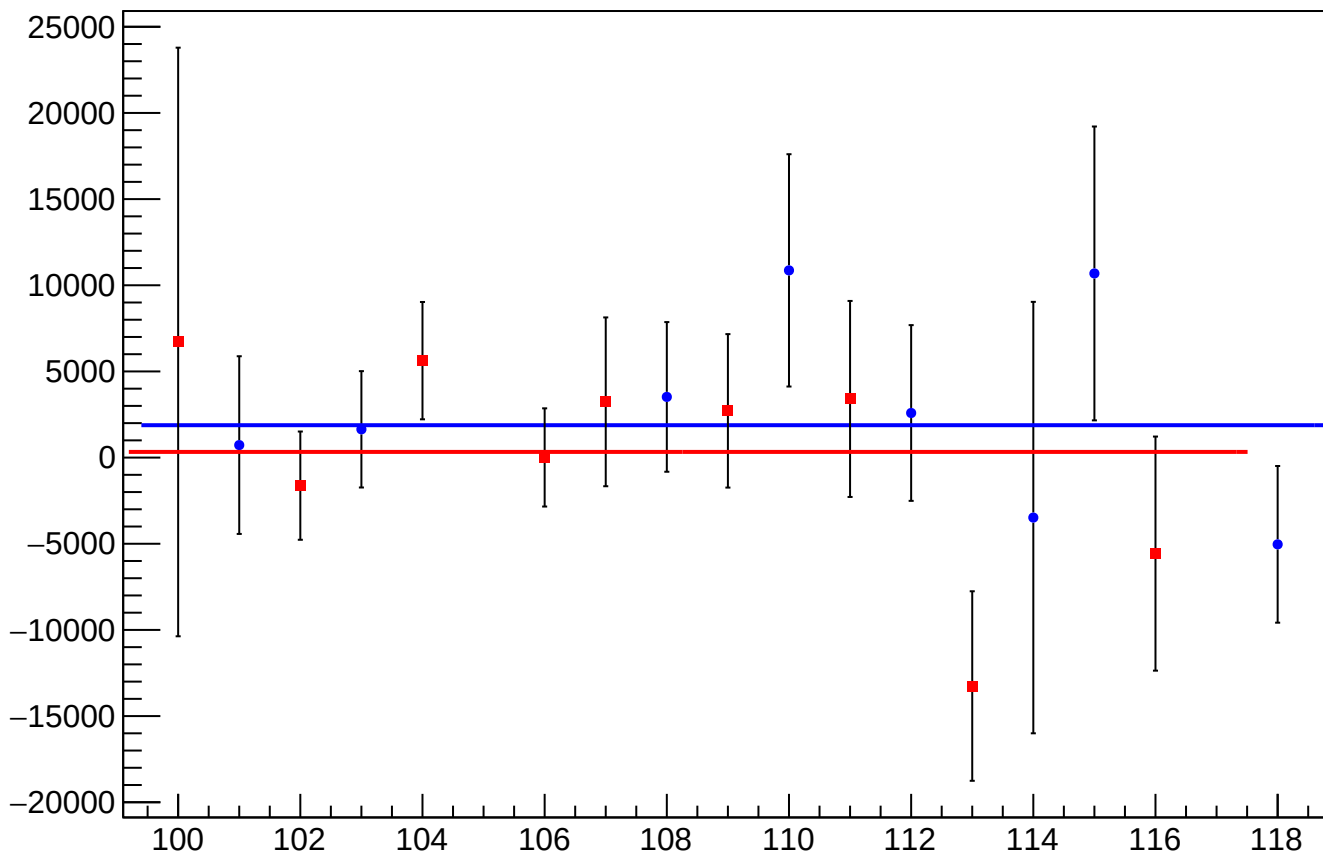
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1098.272 $\pm$ 0.313 χ^2 /NDF: 810134.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



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: 329.814+/-1425.658 χ^2/NDF : 10.7/8

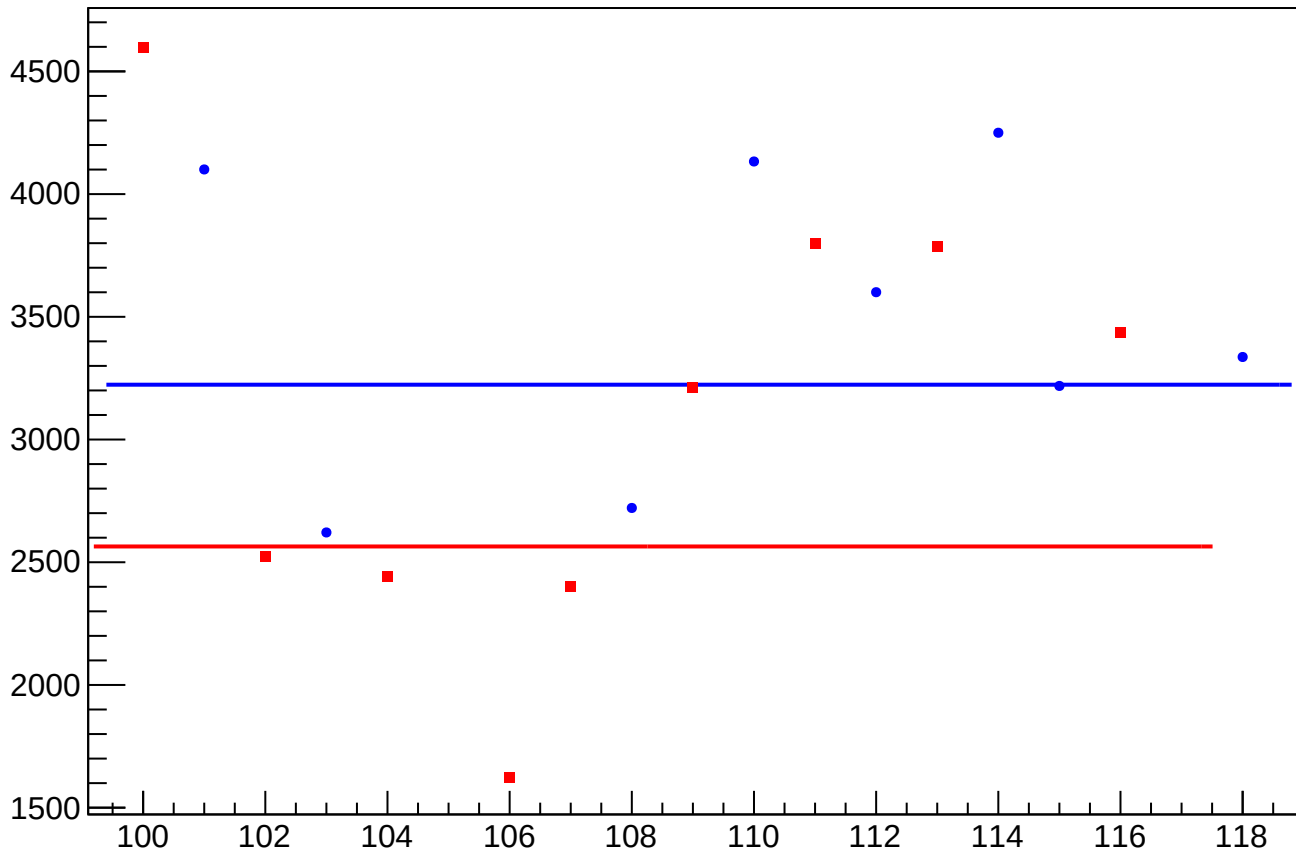
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.879+/-1118.470 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



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: 2564.293+/-1.008 χ^2/NDF : 520200.3/8

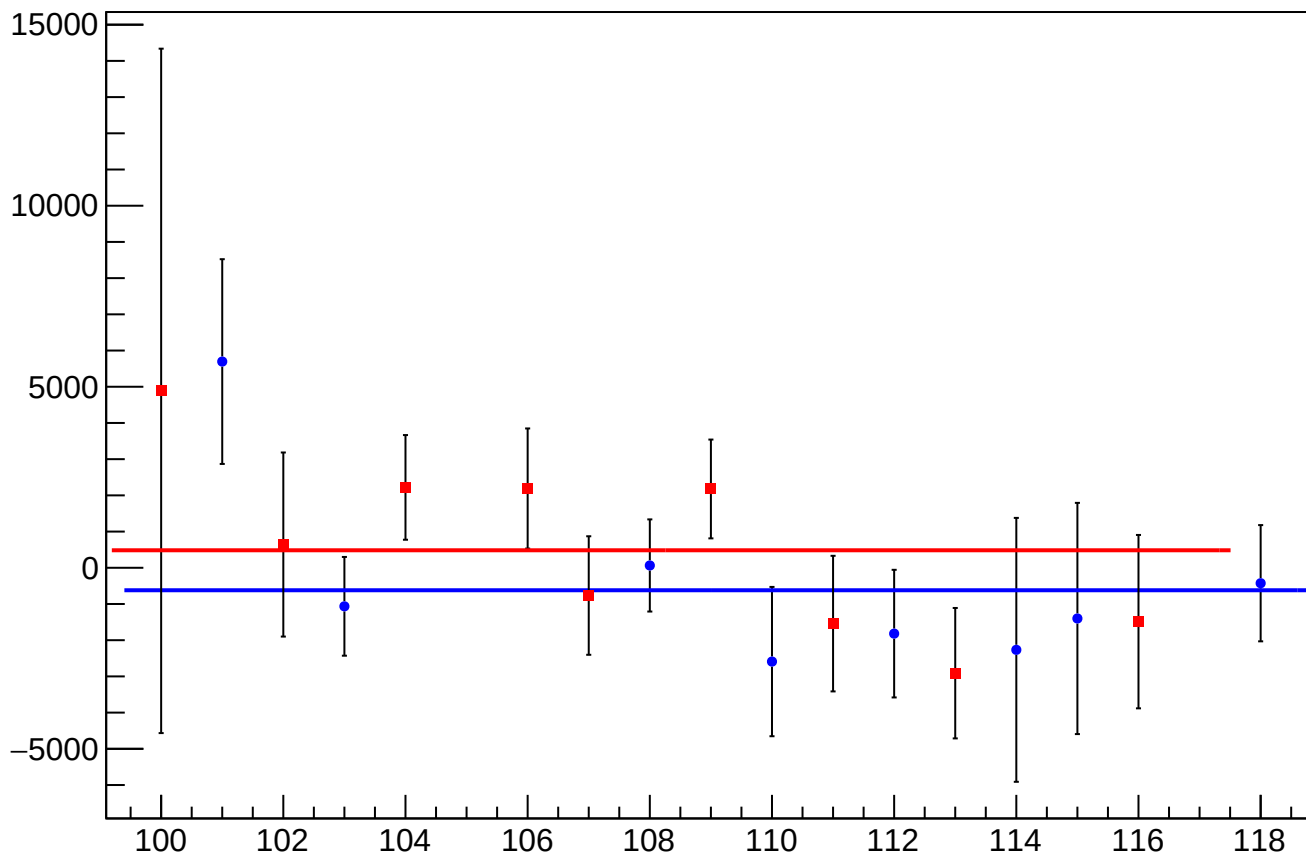
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.733+/-0.791 χ^2/NDF : 894815.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



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: 483.504+/-610.168 χ^2/NDF : 10.2/8

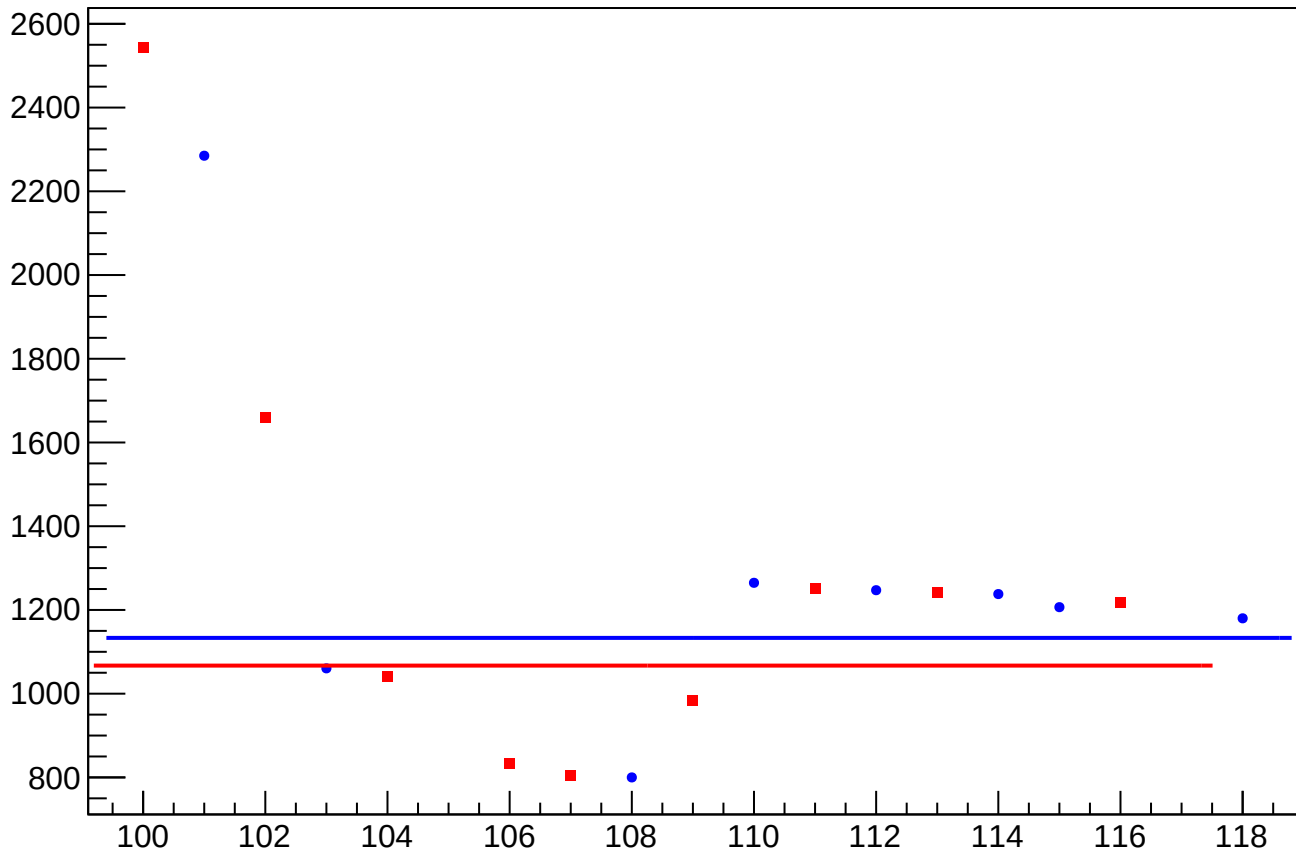
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.364+/-443.471 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1133.265 $\pm$ 0.457 χ^2 /NDF: 495594.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1067.076 $\pm$ 0.431 χ^2 /NDF: 303428.0/8

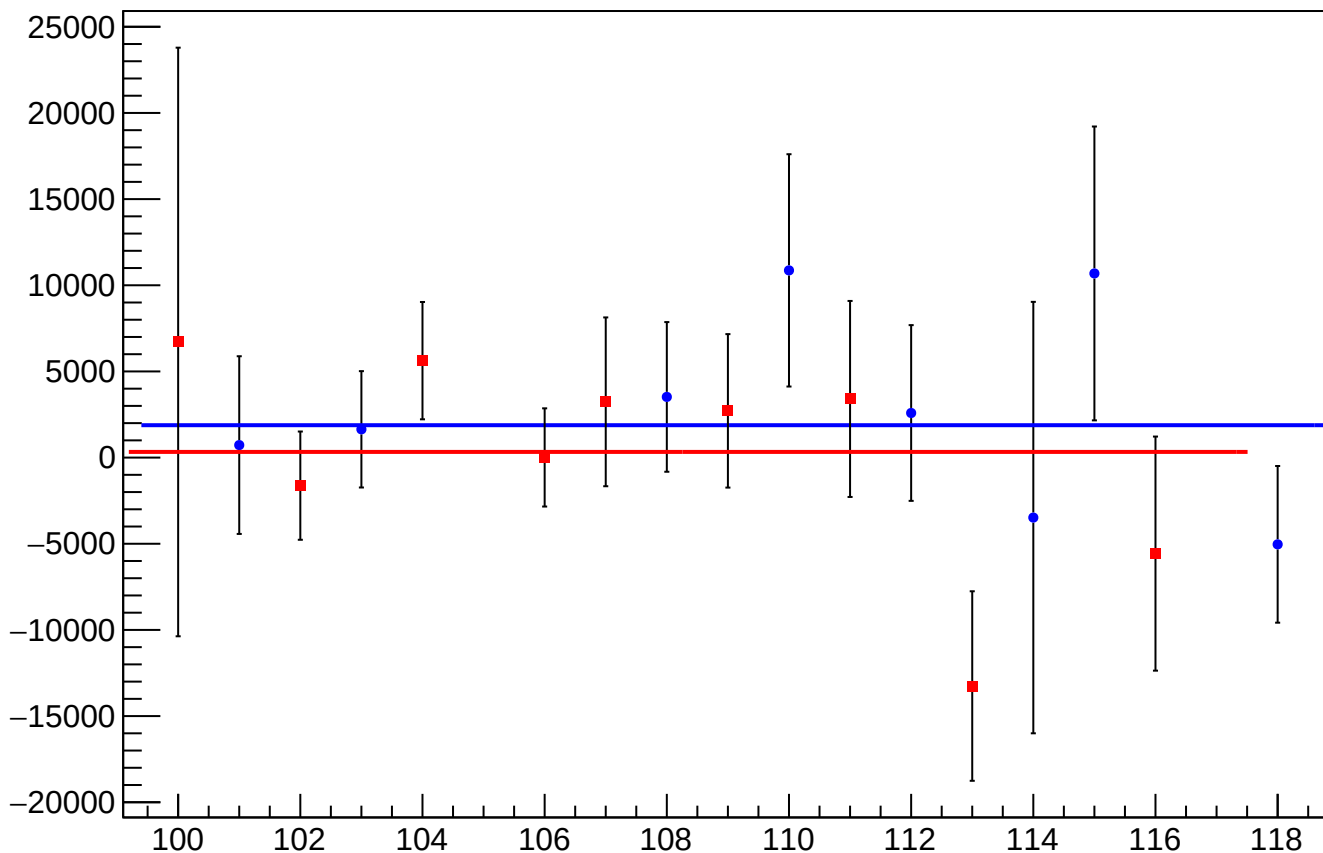
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1098.272 $\pm$ 0.313 χ^2 /NDF: 810134.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug



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: 329.824+/-1425.656 χ^2/NDF : 10.7/8

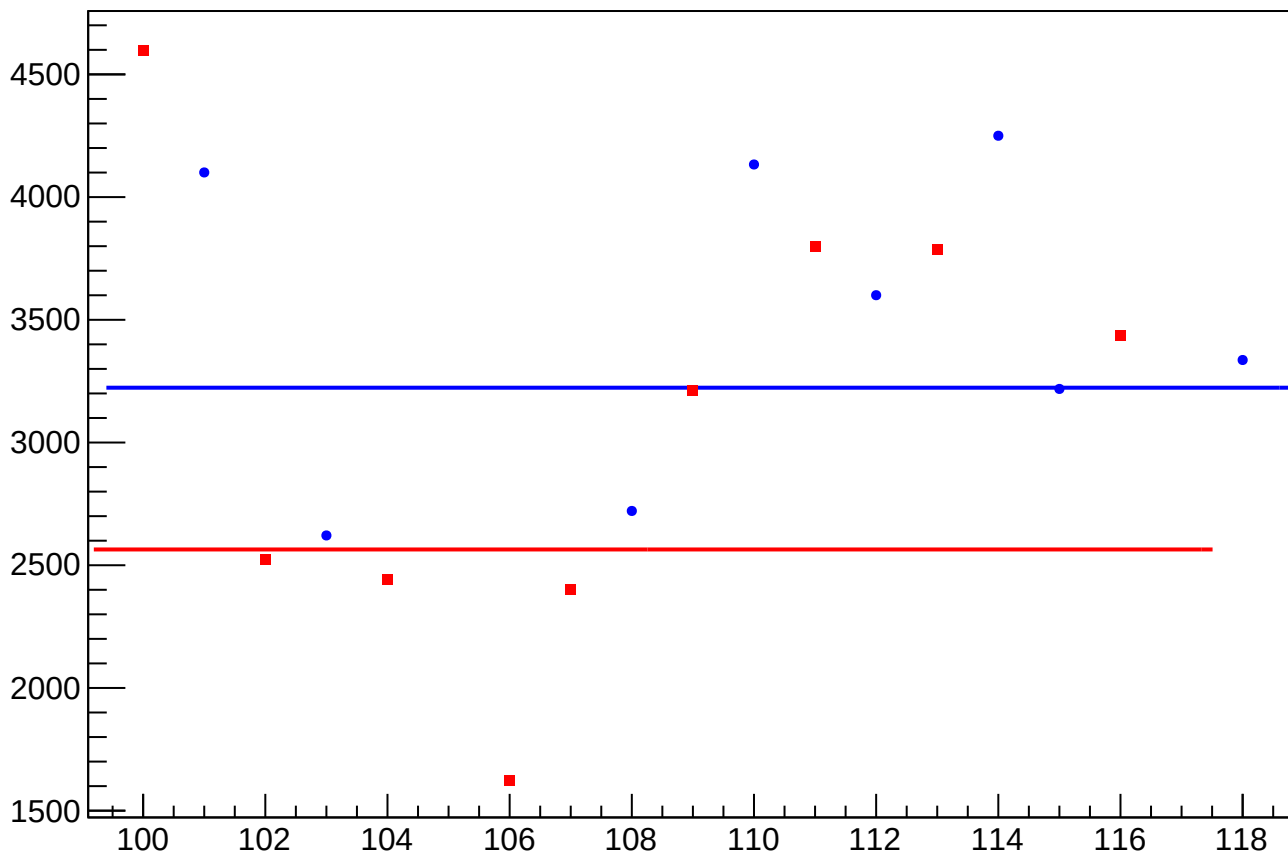
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.883+/-1118.469 χ^2/NDF : 16.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



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: 2564.289+/-1.008 χ^2/NDF : 520203.0/8

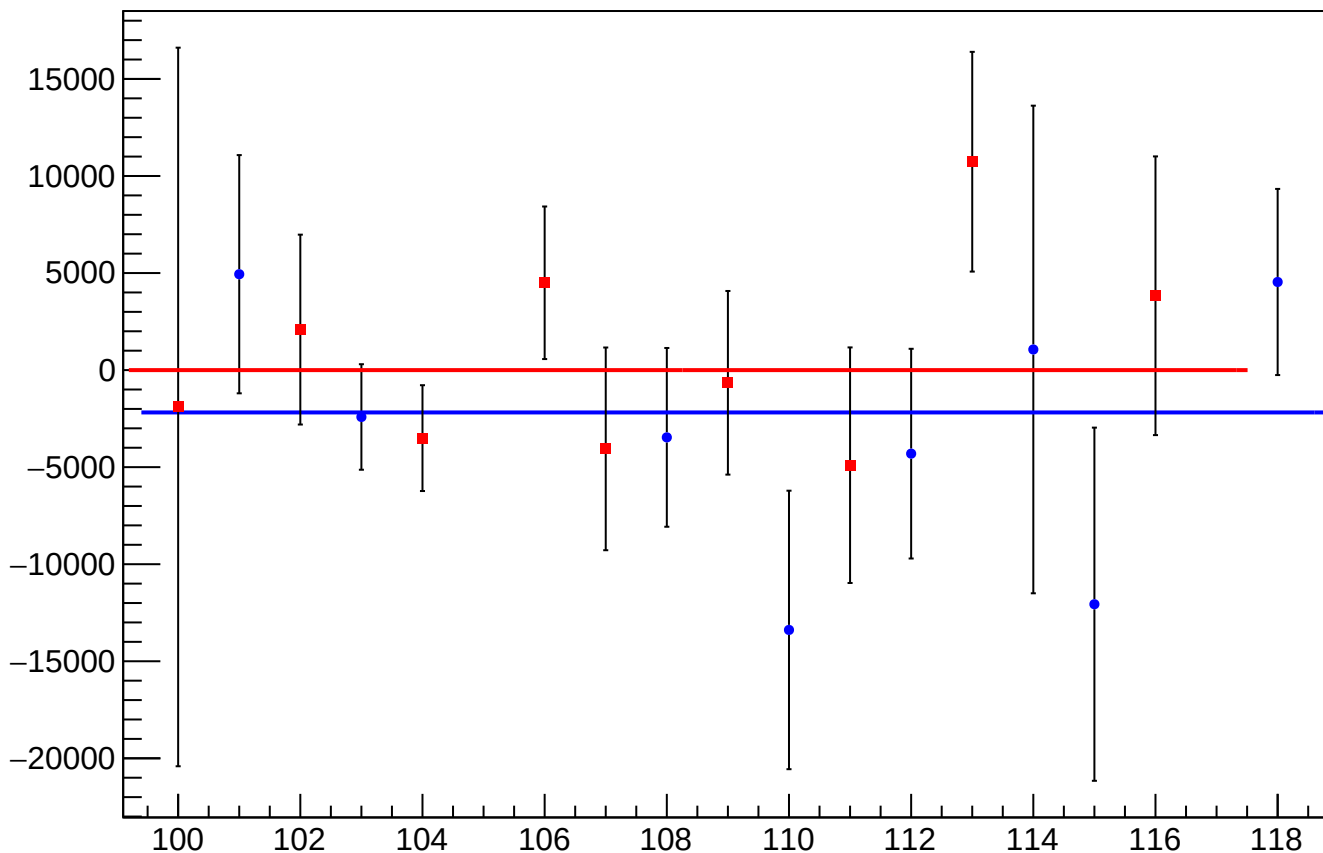
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2817.730+/-0.791 χ^2/NDF : 894817.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_mean vs Slug



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: -0.759+/-1574.897 χ^2 /NDF: 8.3/8

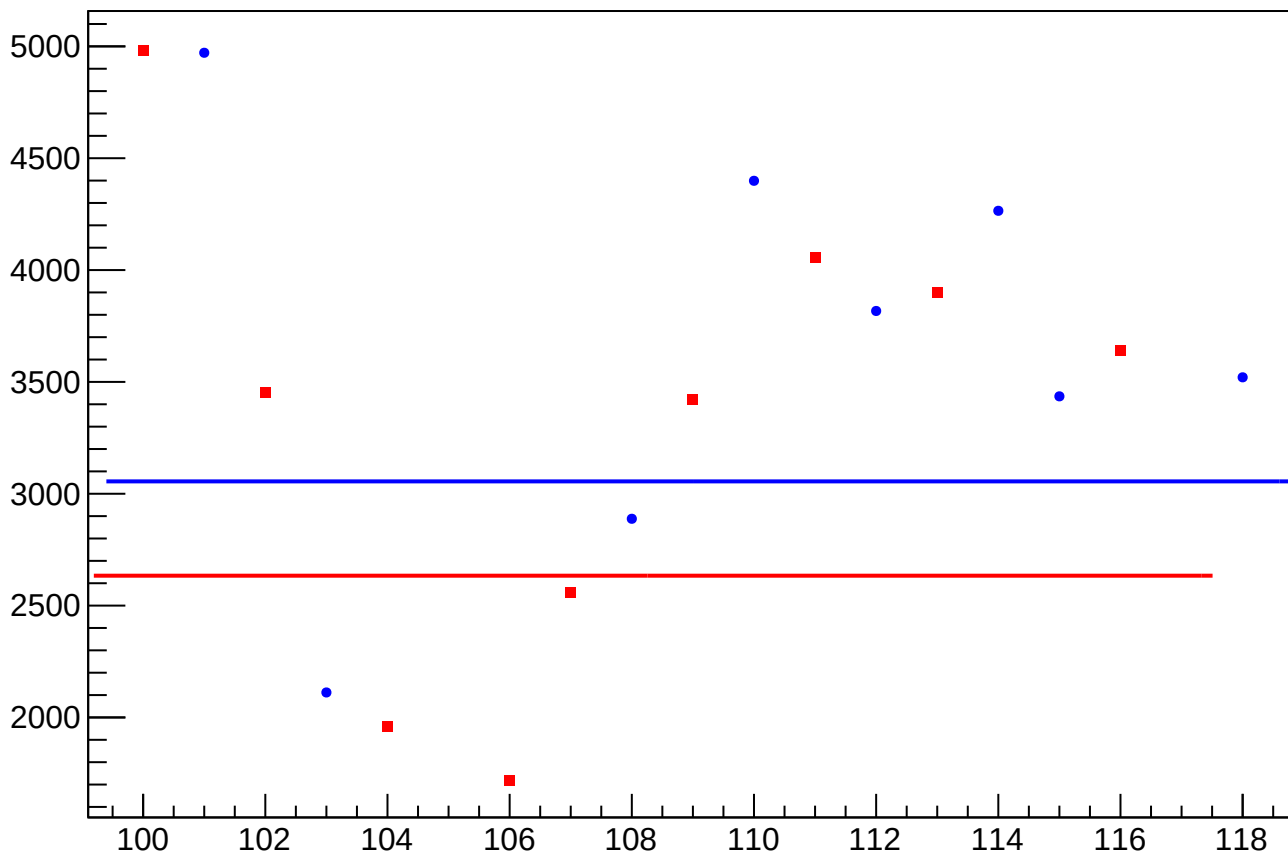
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -973.560+/-1172.139 χ^2 /NDF: 16.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_rms vs Slug



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: 2633.717+/-1.083 χ^2/NDF : 663017.8/8

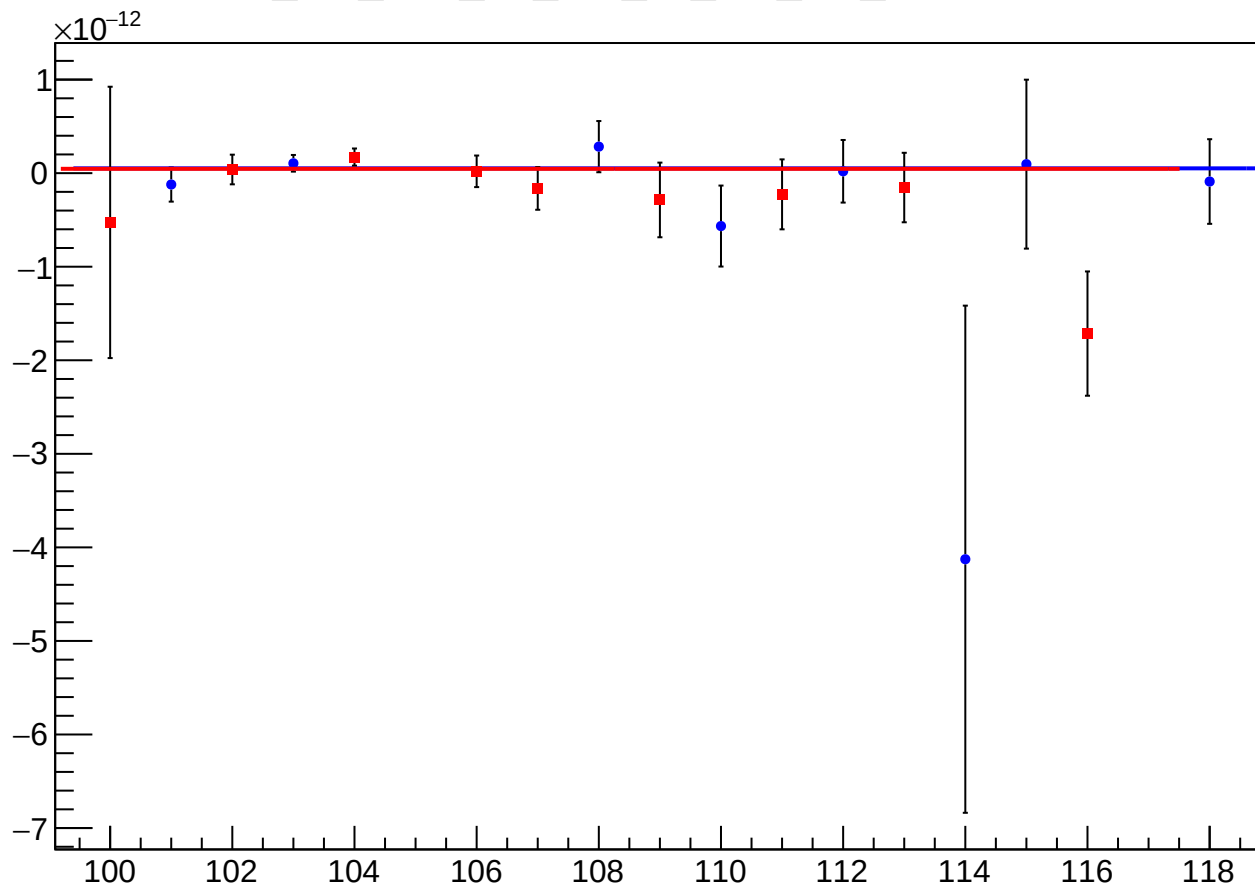
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2816.038+/-0.816 χ^2/NDF : 1317992.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/8

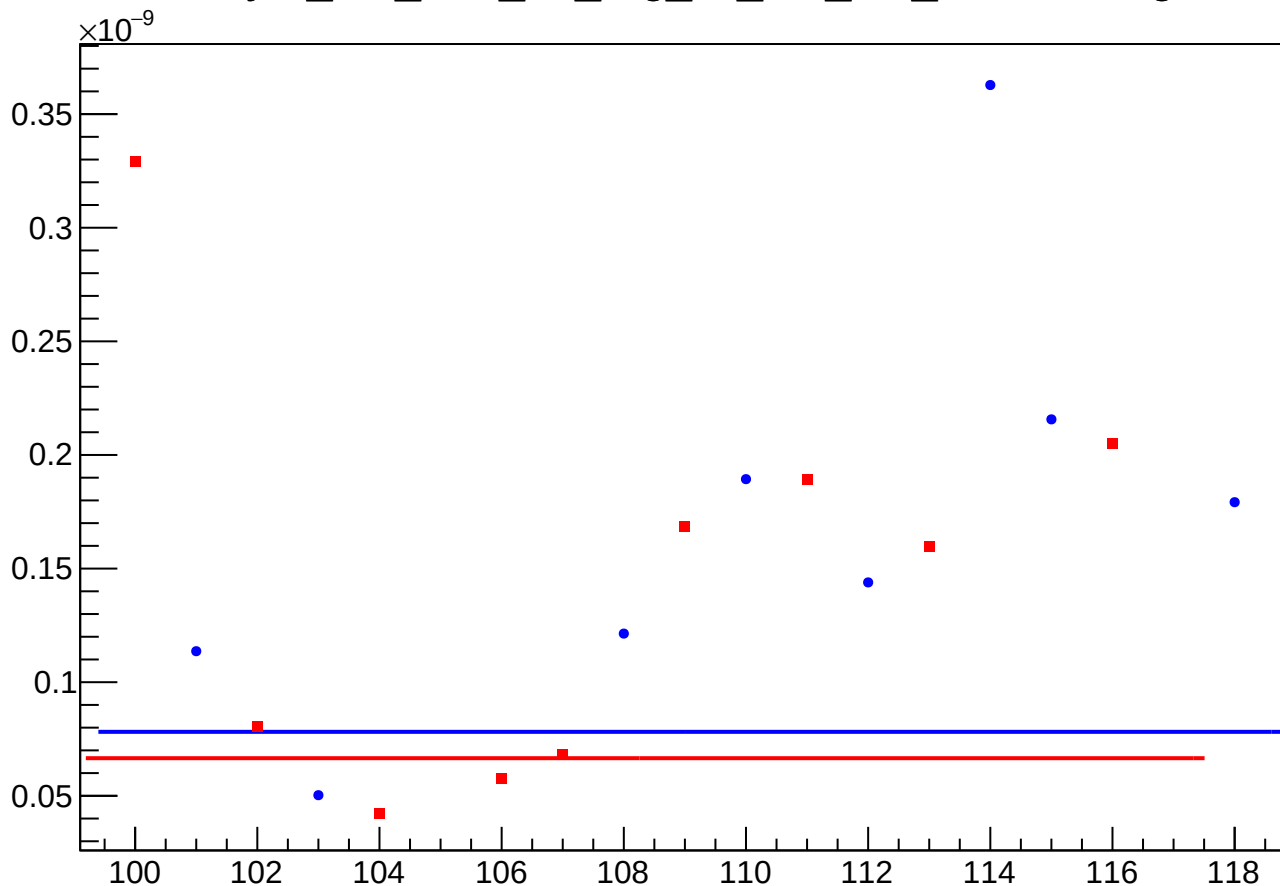
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



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 : 787473.7/8

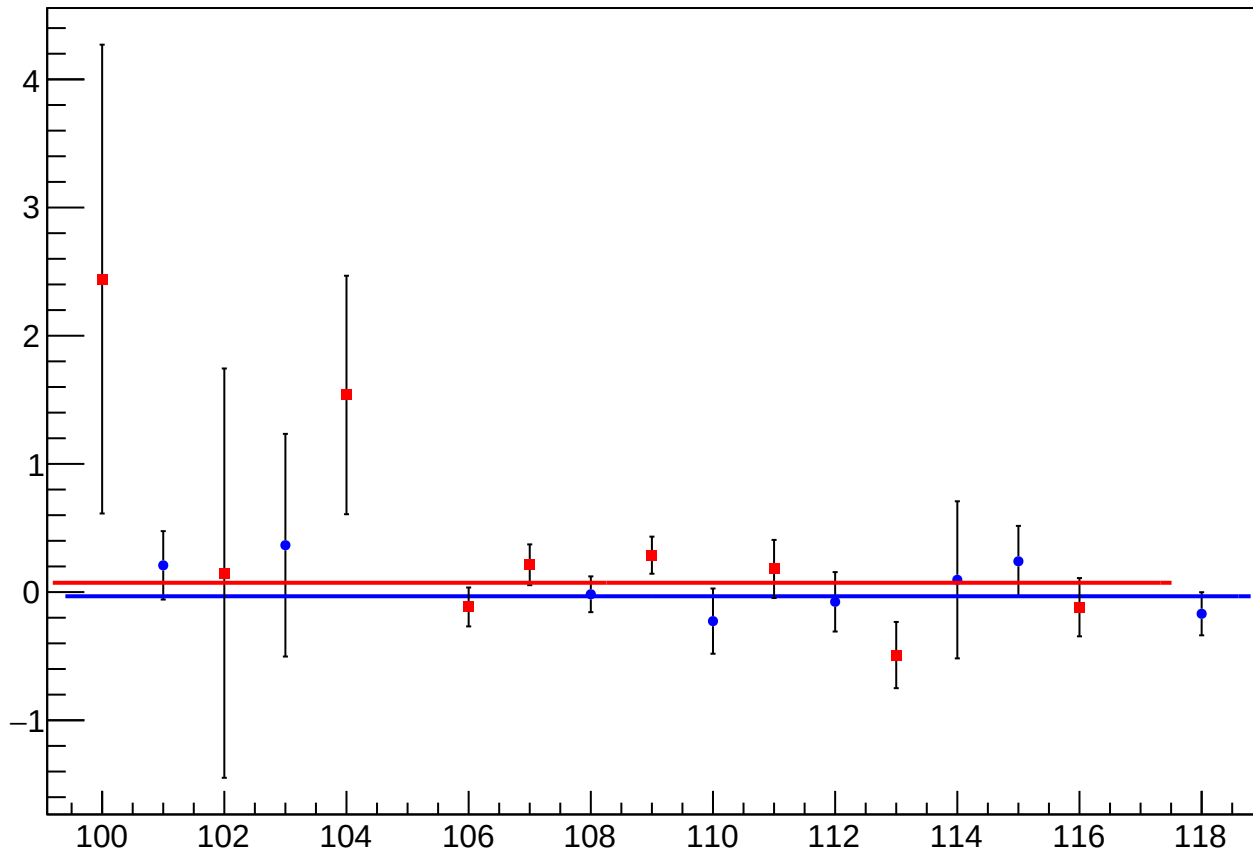
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1514788.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

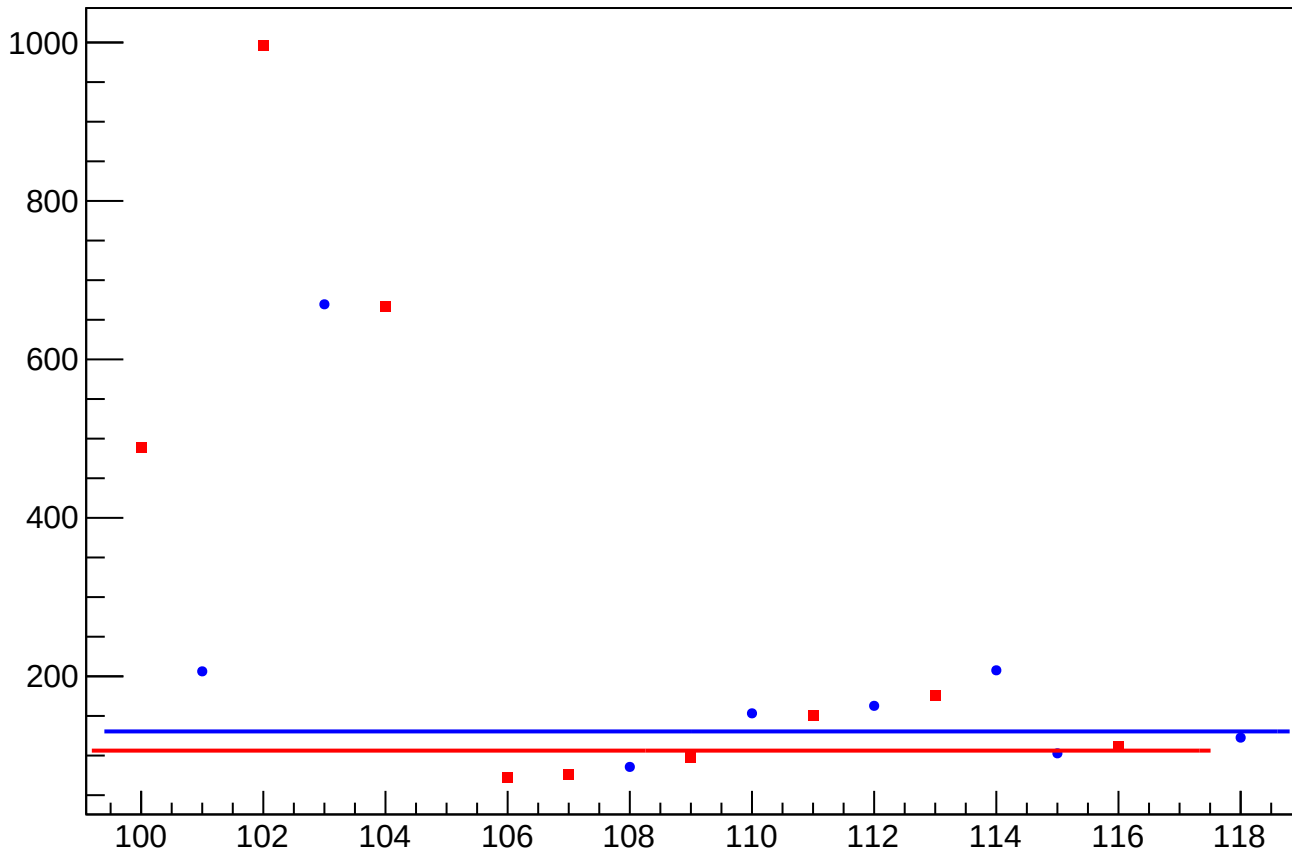
asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



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: 0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.025 $\pm$ 0.054 χ^2 /NDF: 18.7/16
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 130.458 $\pm$ 0.057 χ^2 /NDF: 1249163.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.231 $\pm$ 0.052 χ^2 /NDF: 1845424.5/8

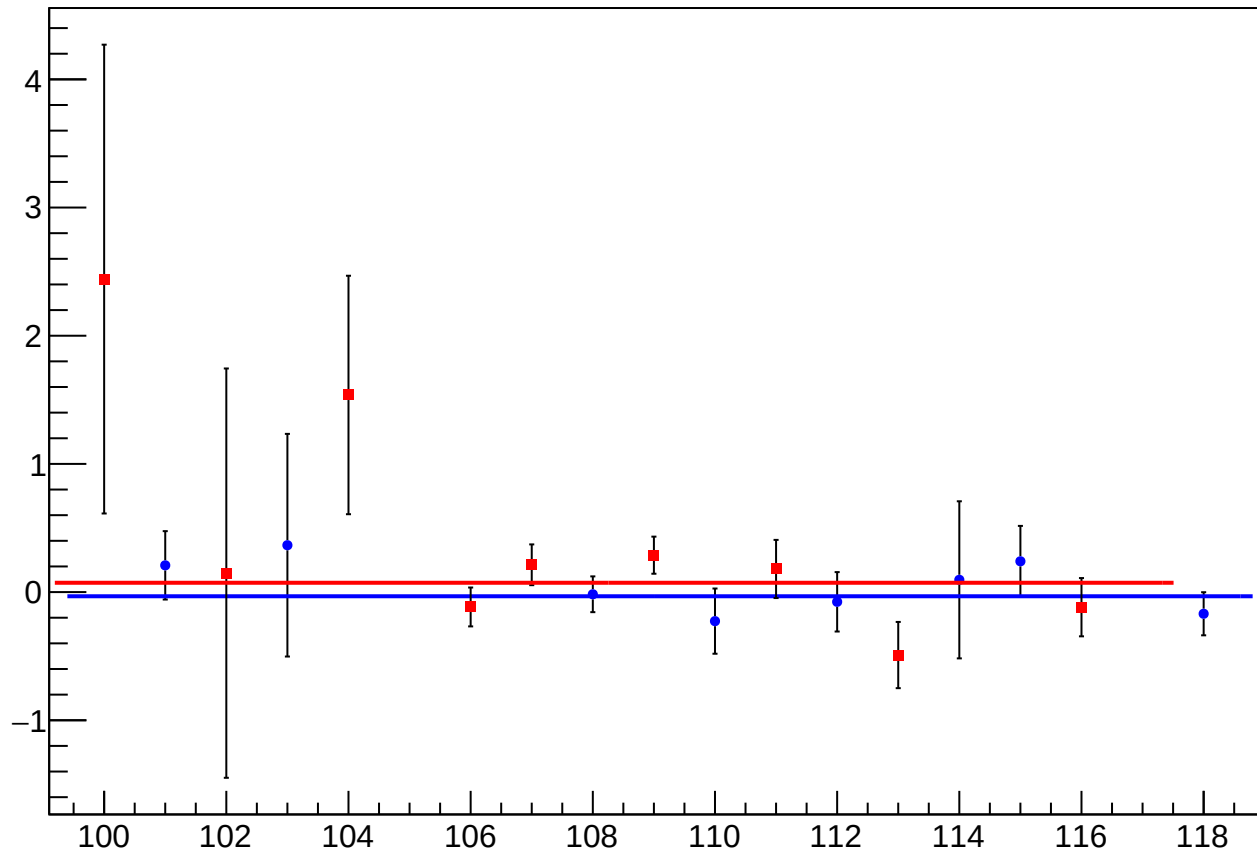
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.112 $\pm$ 0.038 χ^2 /NDF: 3192872.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

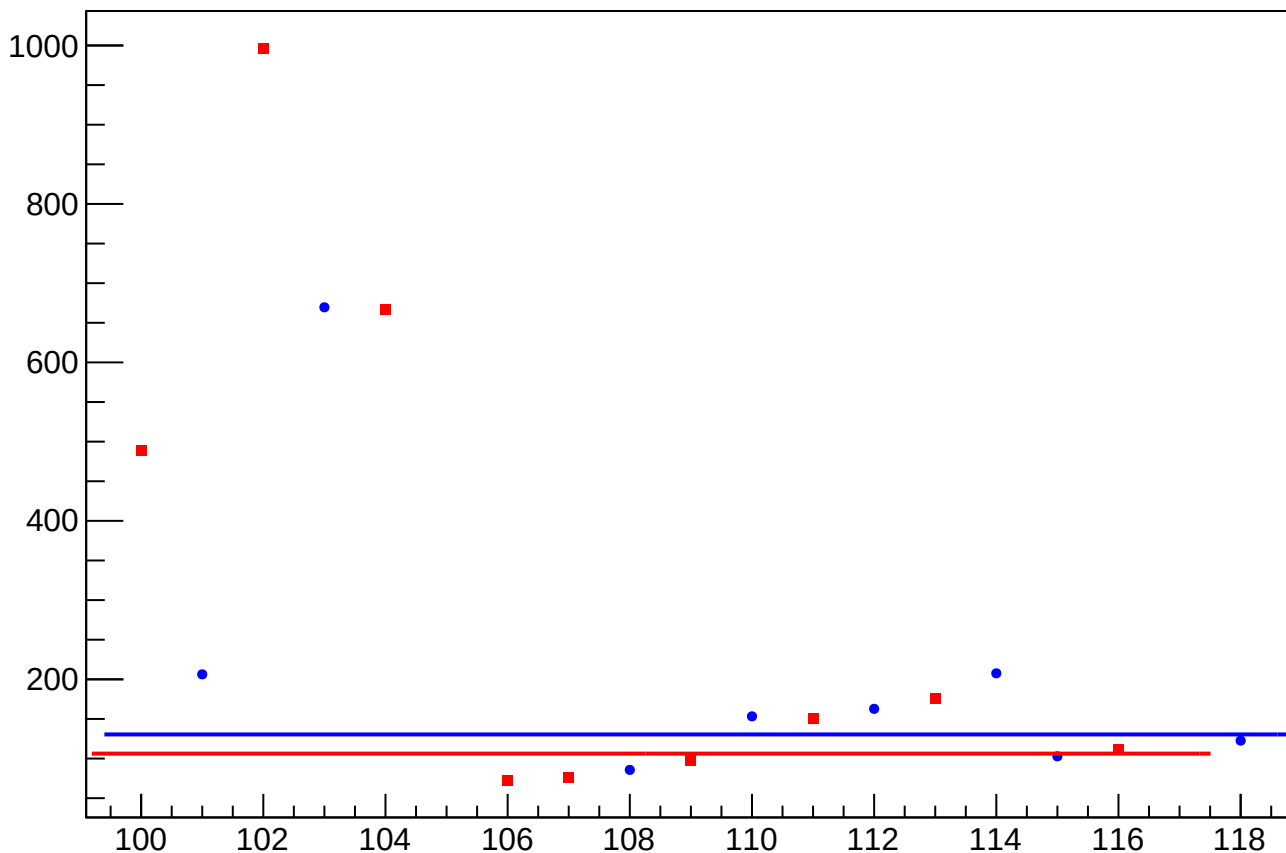
asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.073 $\pm$ 0.073 χ^2 /NDF: 14.4/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.025 $\pm$ 0.054 χ^2 /NDF: 18.7/16
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 106.231+/-0.052 χ^2/NDF : 1845424.5/8

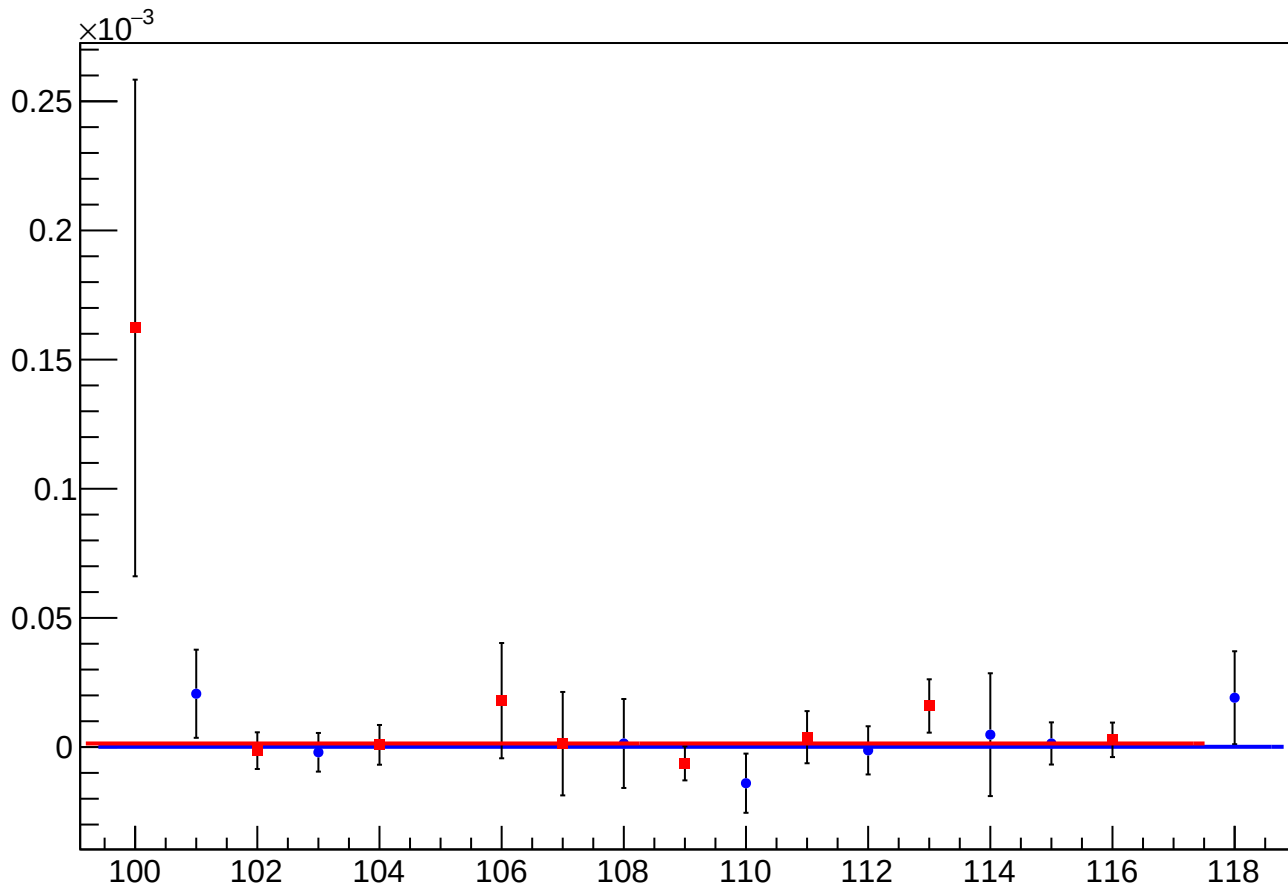
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.112+/-0.038 χ^2/NDF : 3192872.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/8

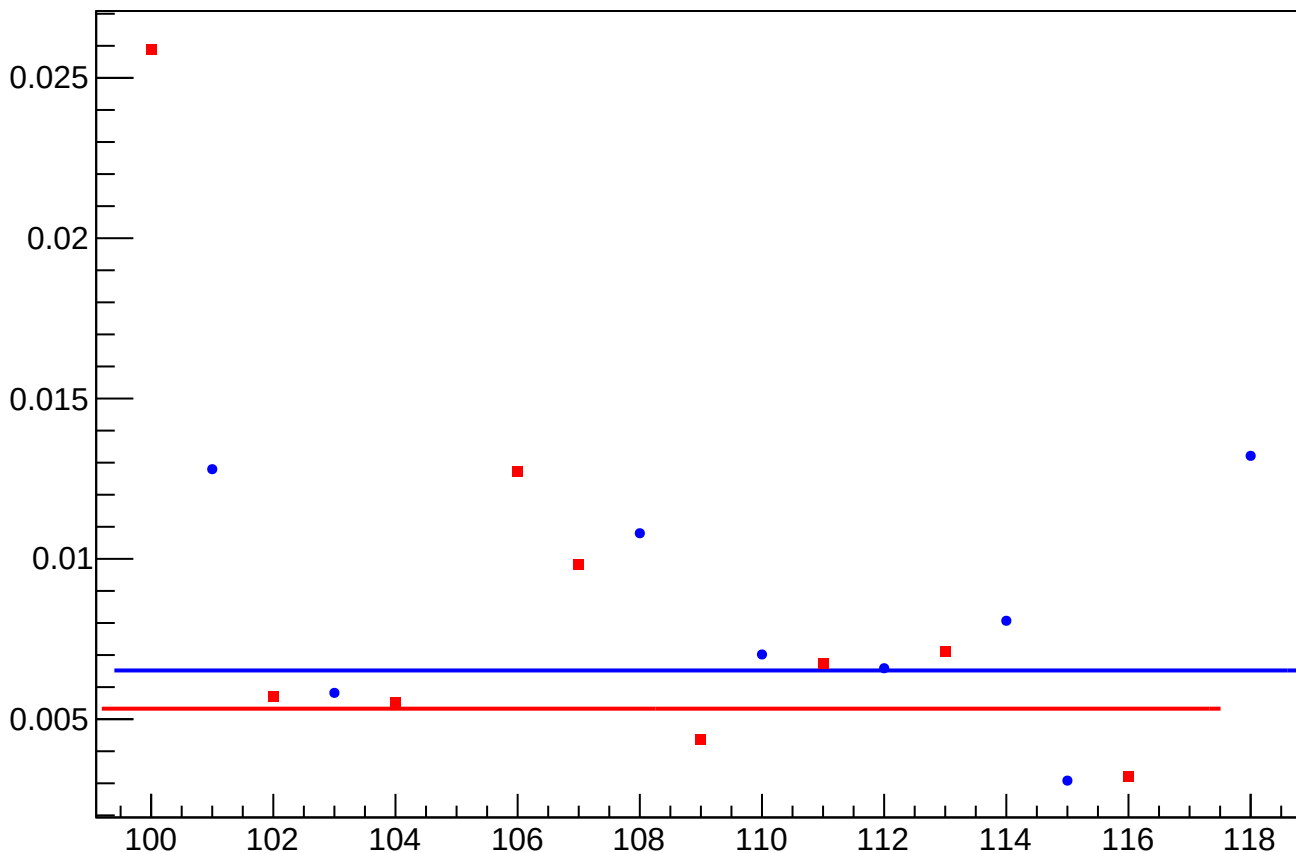
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.005+/-0.000 χ^2/NDF : 764360.1/8

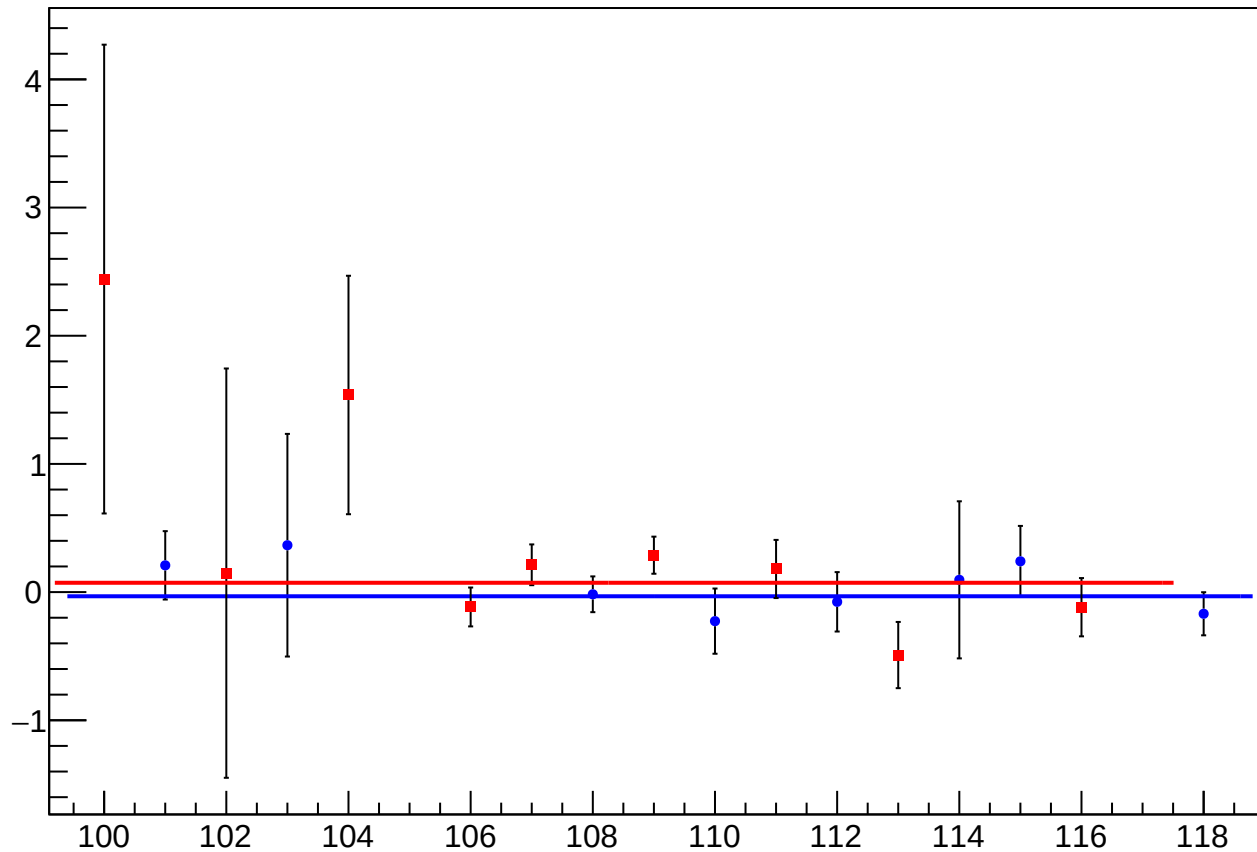
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1931874.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

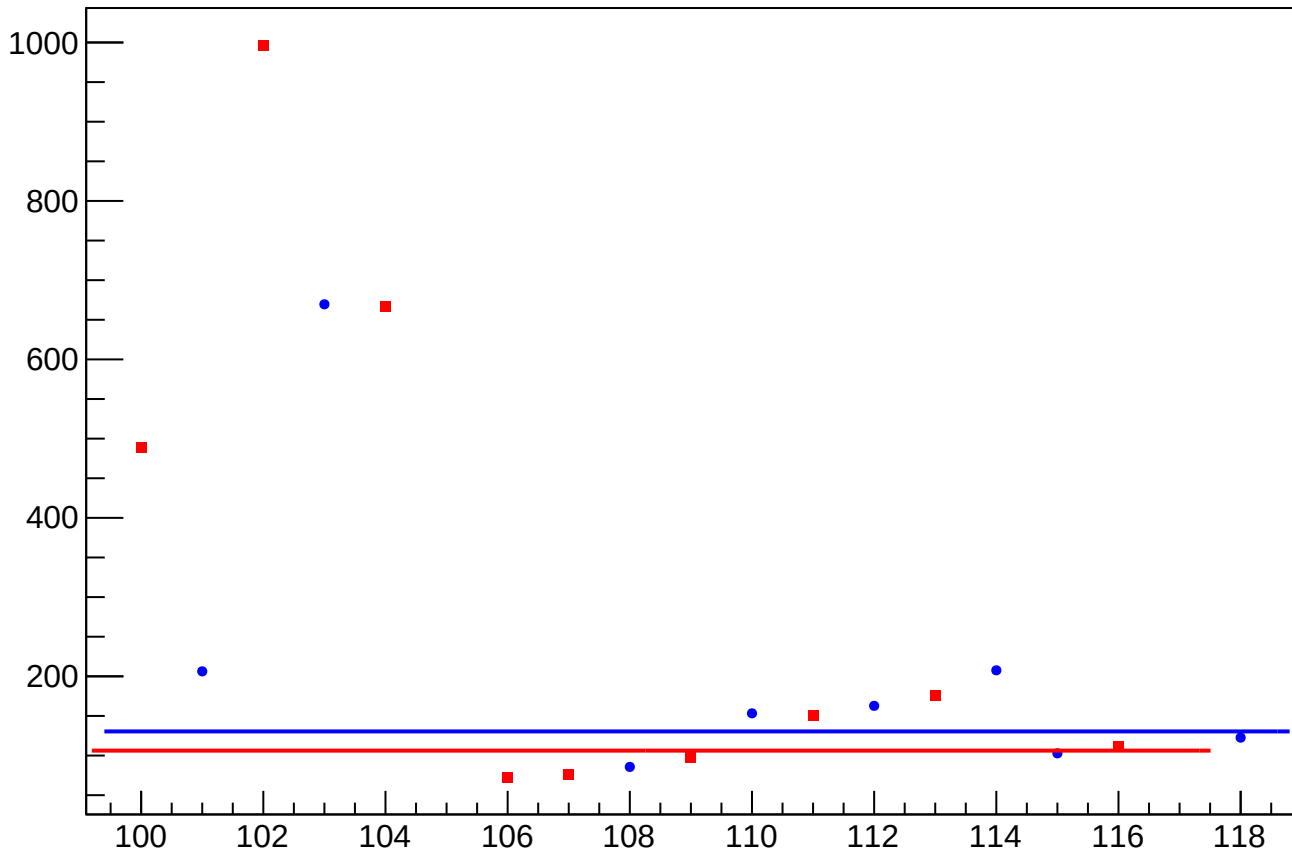
asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.073+/-0.073 χ^2/NDF : 14.4/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.025+/-0.054 χ^2/NDF : 18.7/16
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 106.232+/-0.052 χ^2/NDF : 1845421.4/8

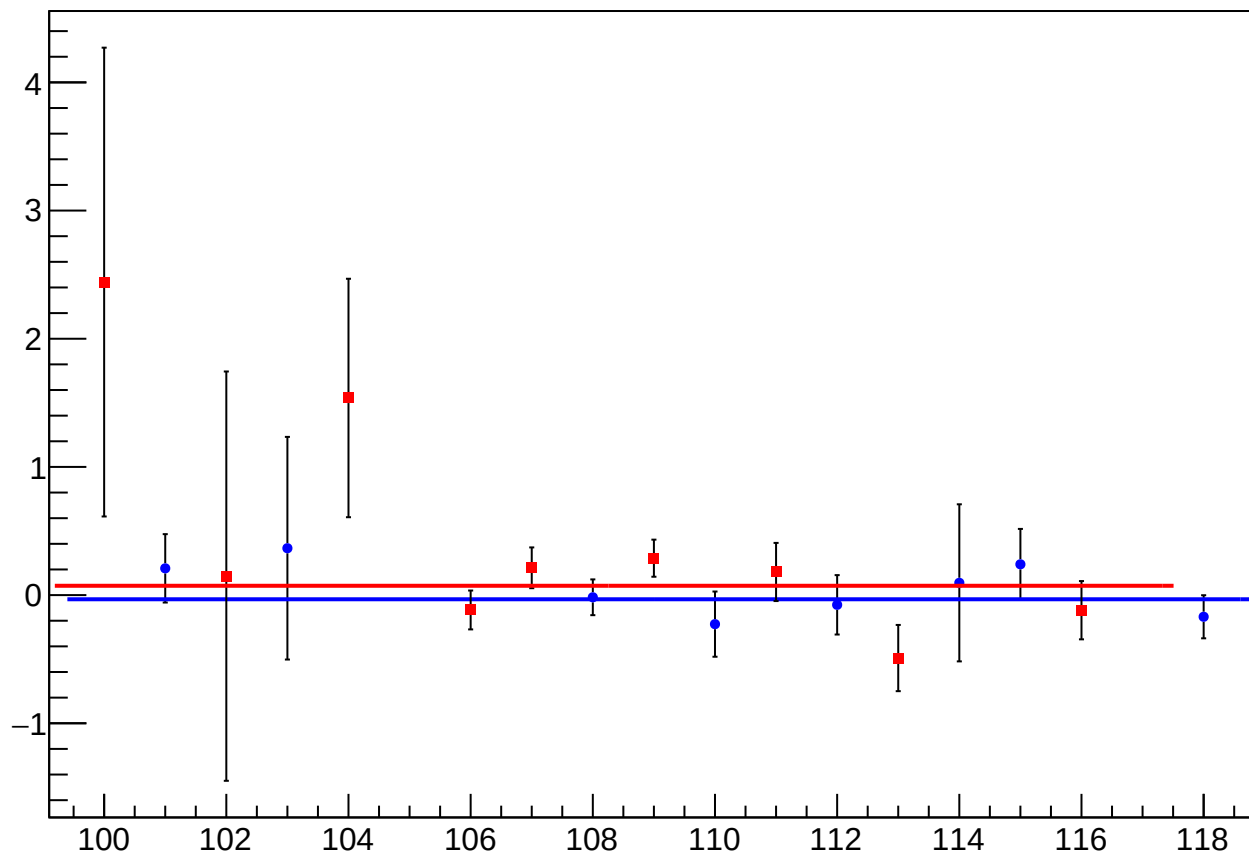
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.111+/-0.038 χ^2/NDF : 3192901.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

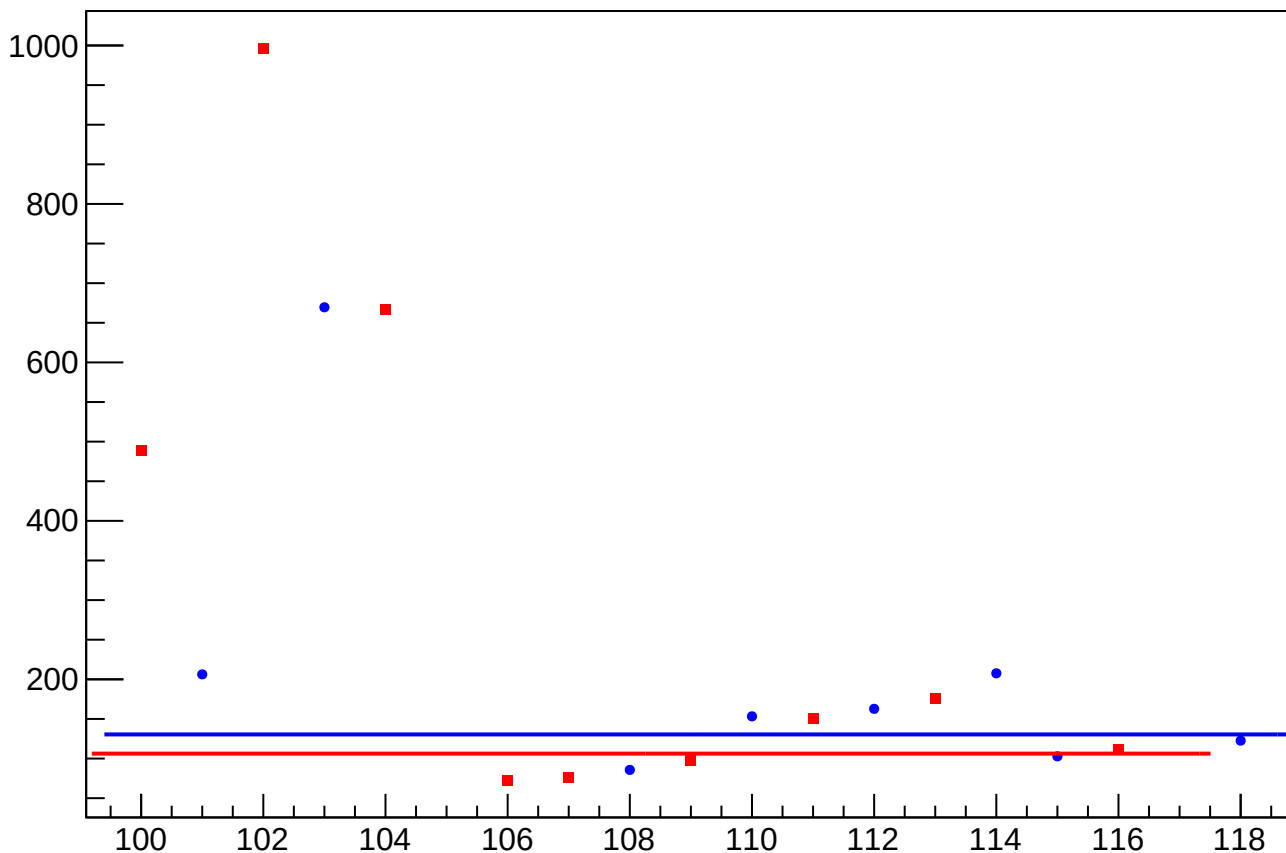
asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.073+/-0.073 χ^2/NDF : 14.4/8
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 0.025+/-0.054 χ^2/NDF : 18.7/16
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 106.232+/-0.052 χ^2/NDF : 1845421.4/8

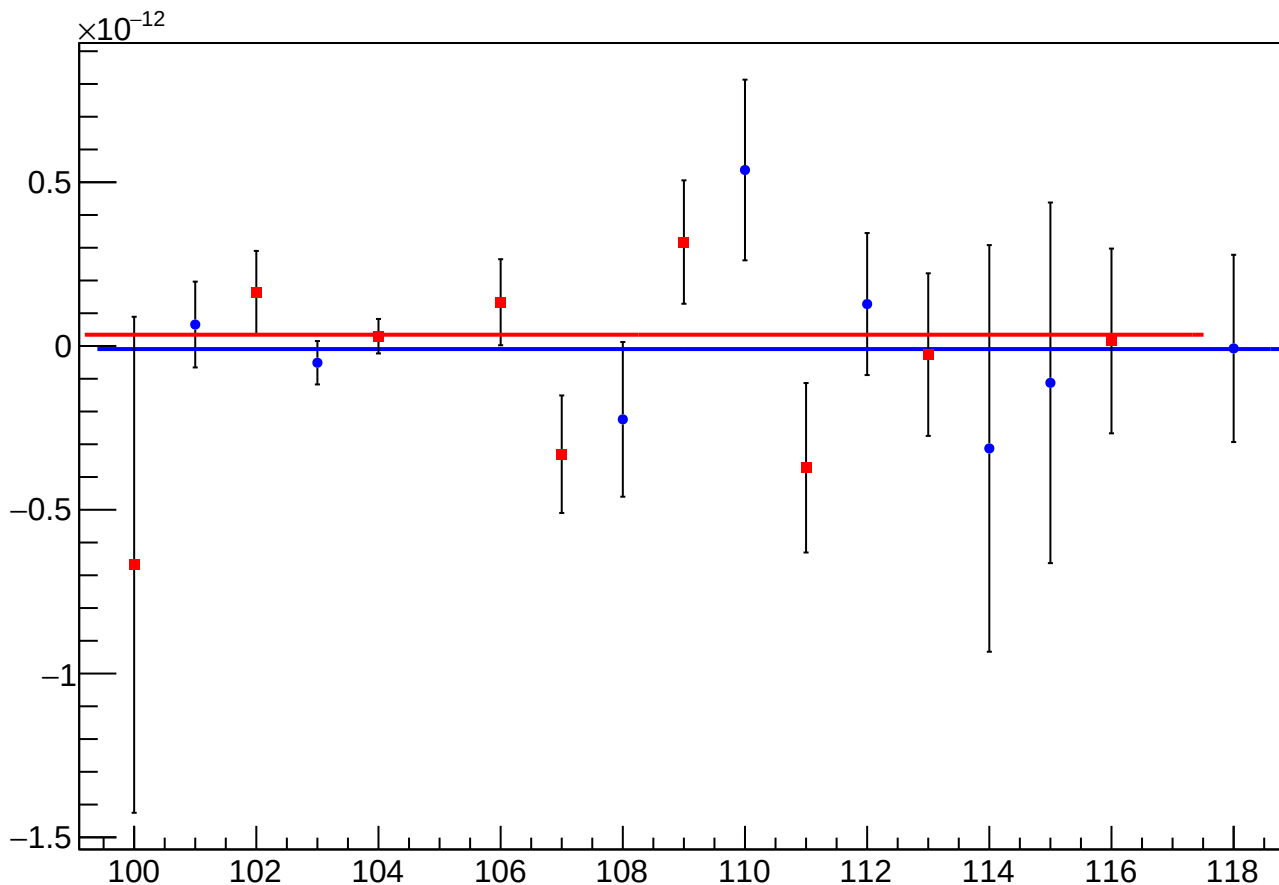
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.111+/-0.038 χ^2/NDF : 3192901.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



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: 11.4/8

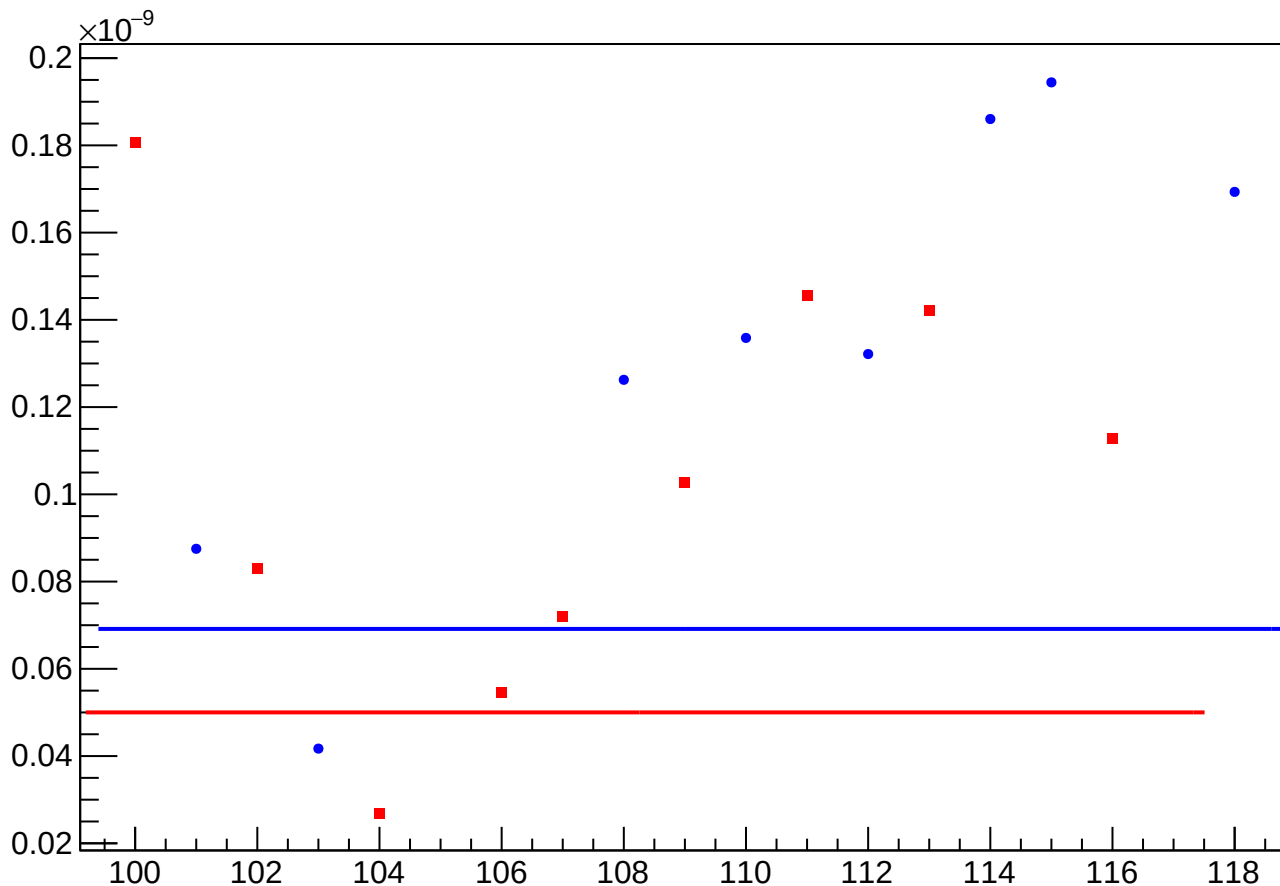
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 17.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1416751.6/8

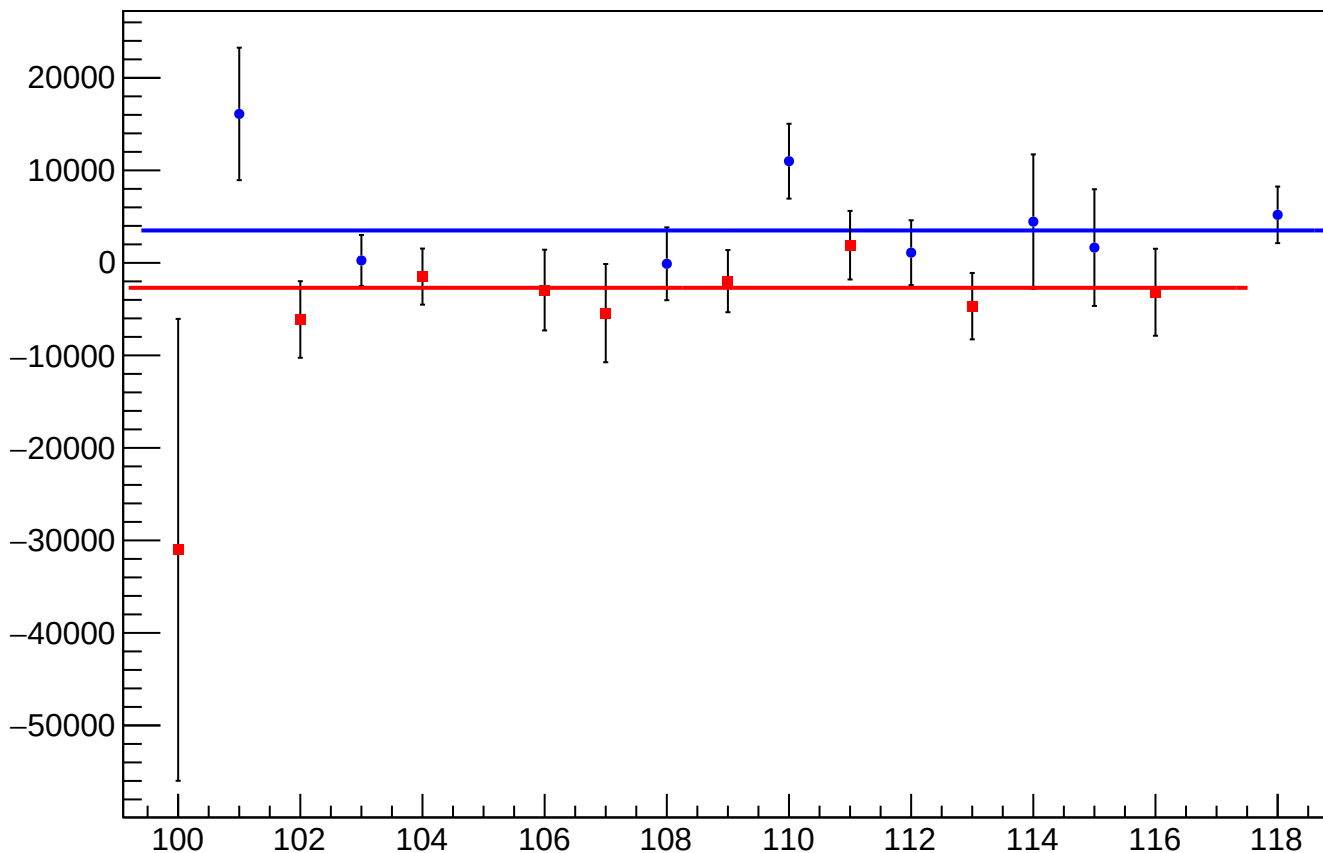
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2784655.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3503.897 $\pm$ 1400.913 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2695.361 $\pm$ 1359.699 χ^2 /NDF: 4.3/8

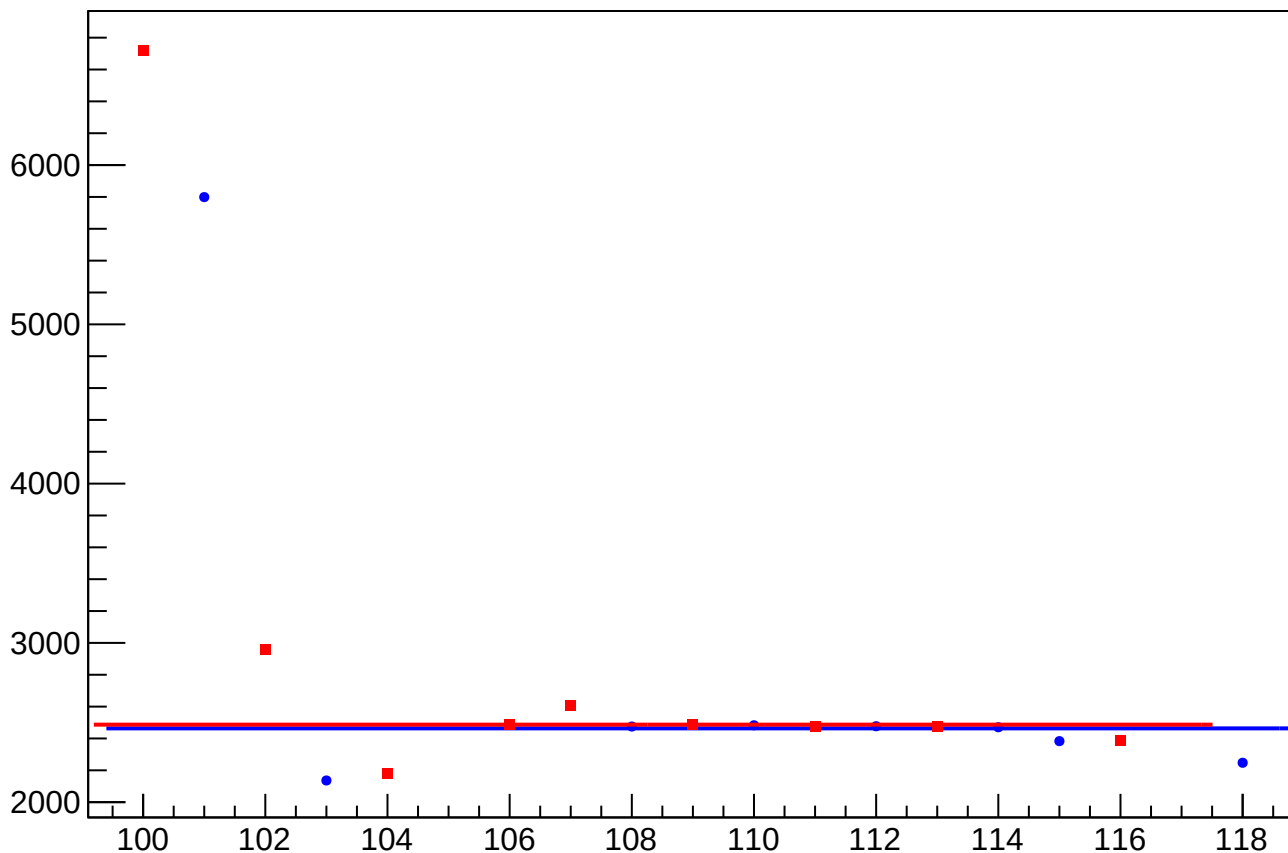
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.739 $\pm$ 975.697 χ^2 /NDF: 24.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



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: 2486.746+/-0.961 χ^2 /NDF: 105740.3/8

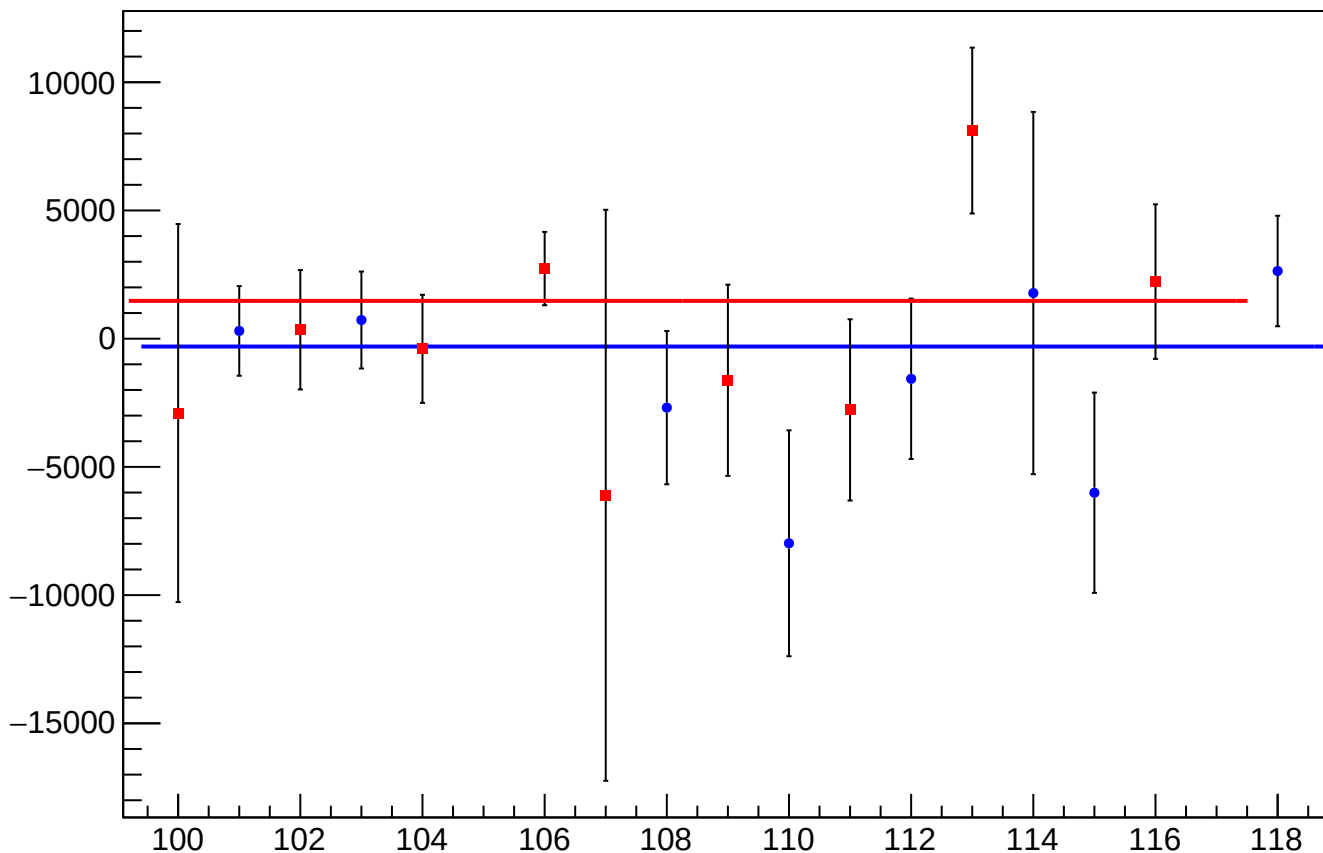
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2475.363+/-0.690 χ^2 /NDF: 578575.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



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: 1474.272+/-882.683 χ^2/NDF : 9.0/8

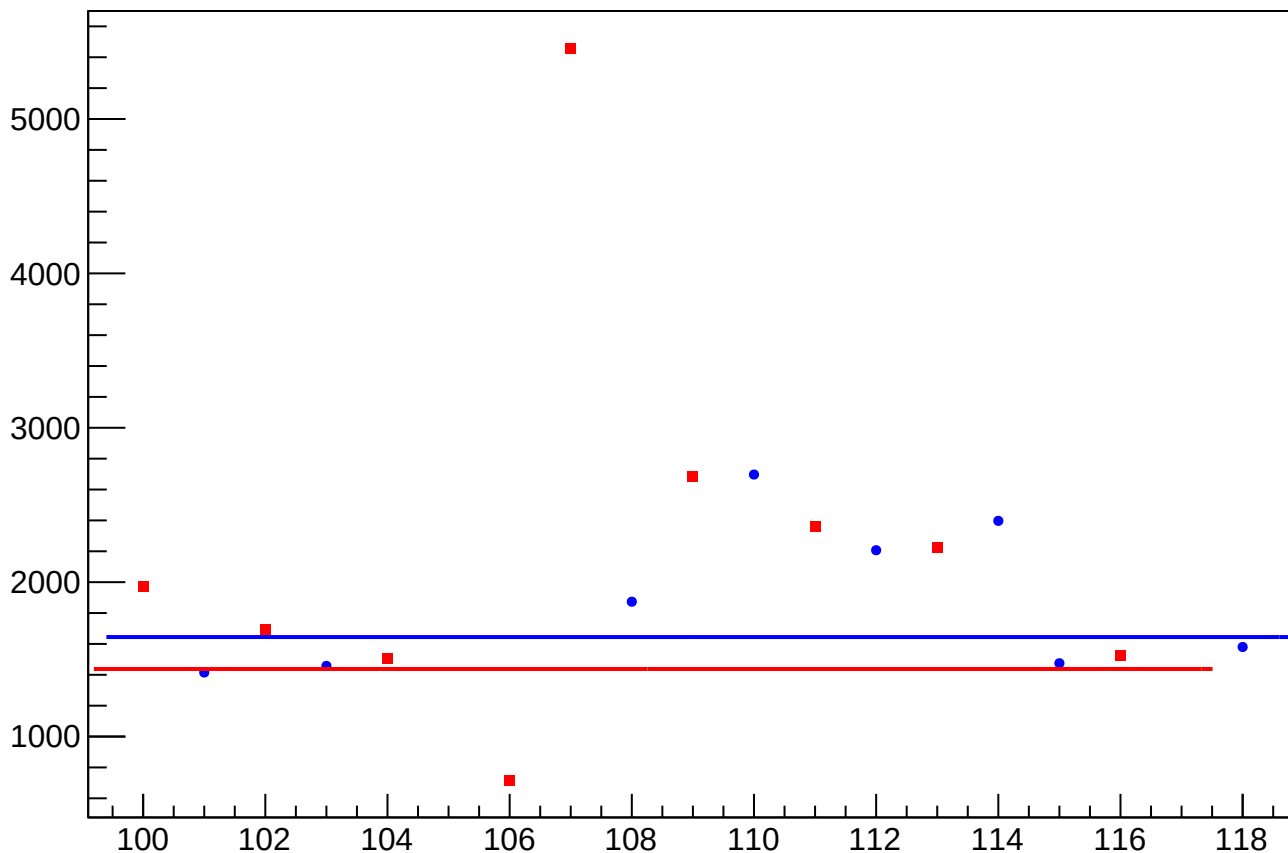
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.555+/-637.877 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



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: 1437.716+/-0.624 χ^2/NDF : 1290936.7/8

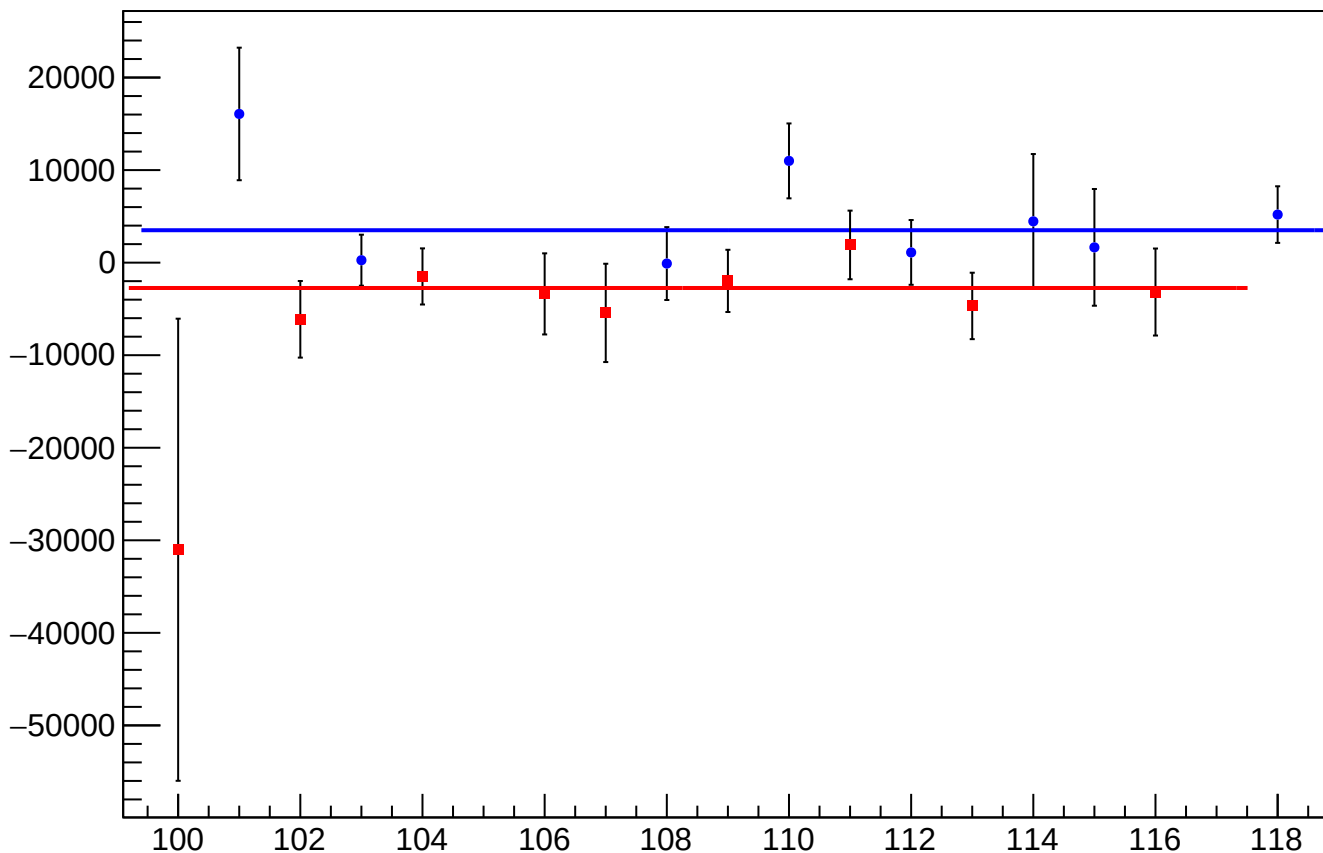
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.553+/-0.451 χ^2/NDF : 1616383.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3502.509 $\pm$ 1400.913 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2738.776 $\pm$ 1360.271 χ^2 /NDF: 4.3/8

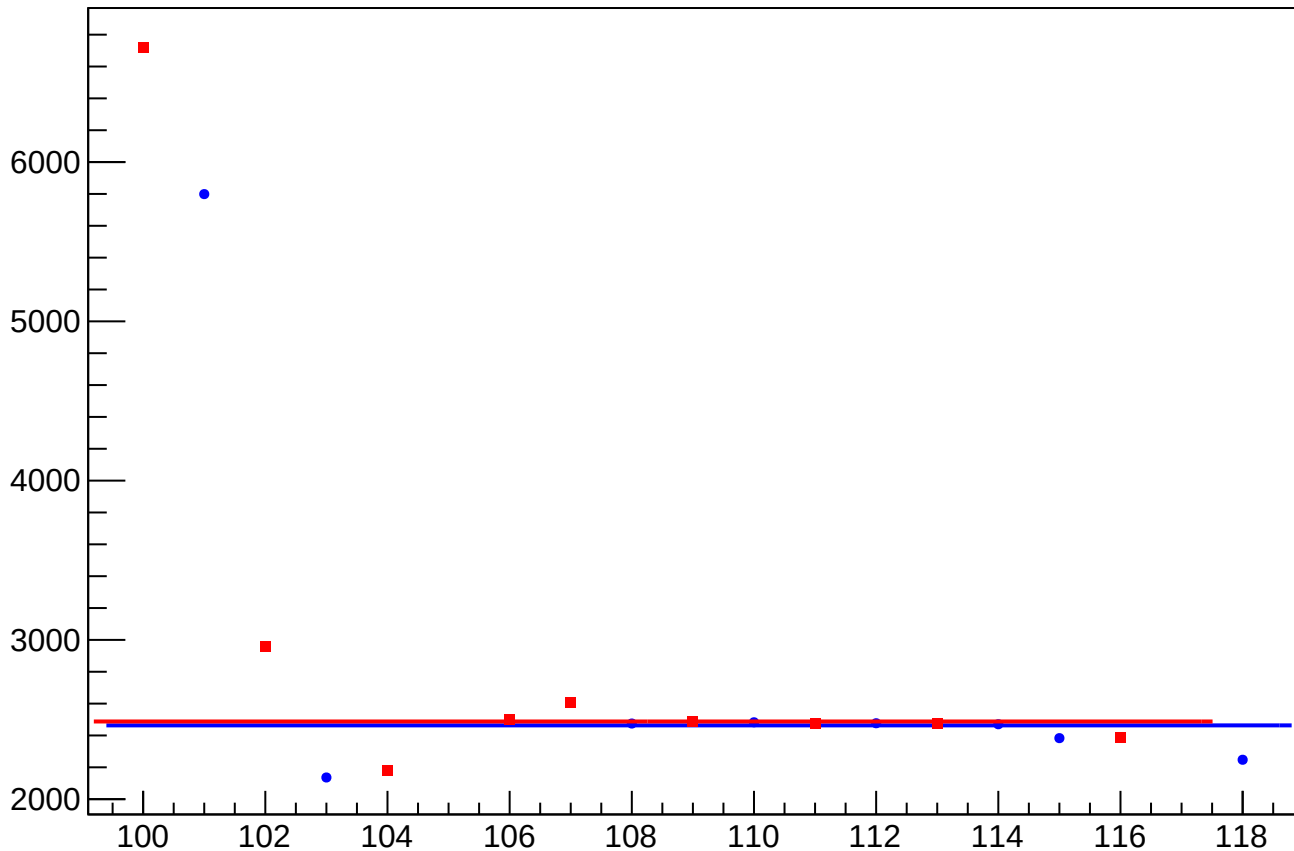
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 290.019 $\pm$ 975.909 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



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: 2487.778+/-0.962 χ^2 /NDF: 105758.7/8

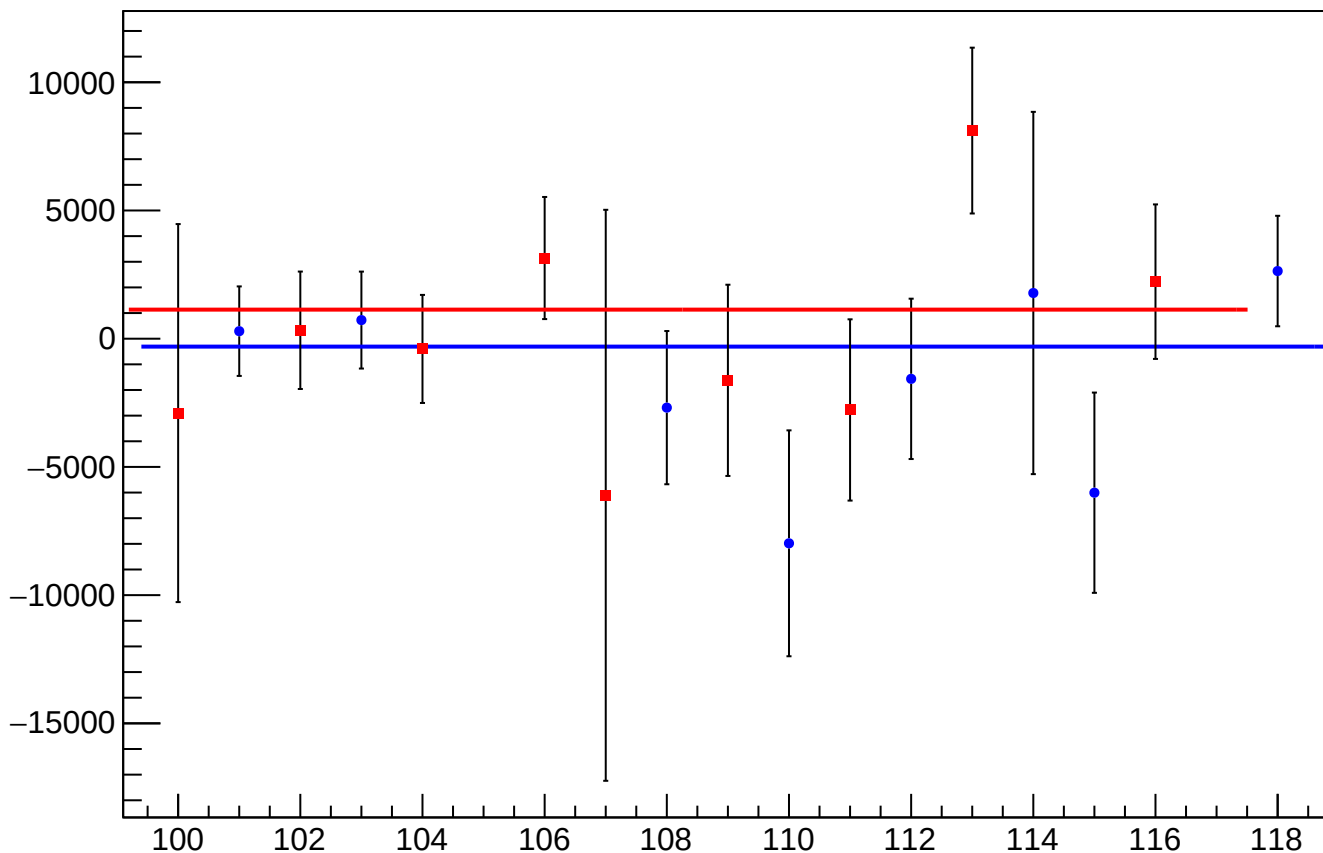
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2475.890+/-0.690 χ^2 /NDF: 578619.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



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: 1133.791+/-1011.844 χ^2/NDF : 8.7/8

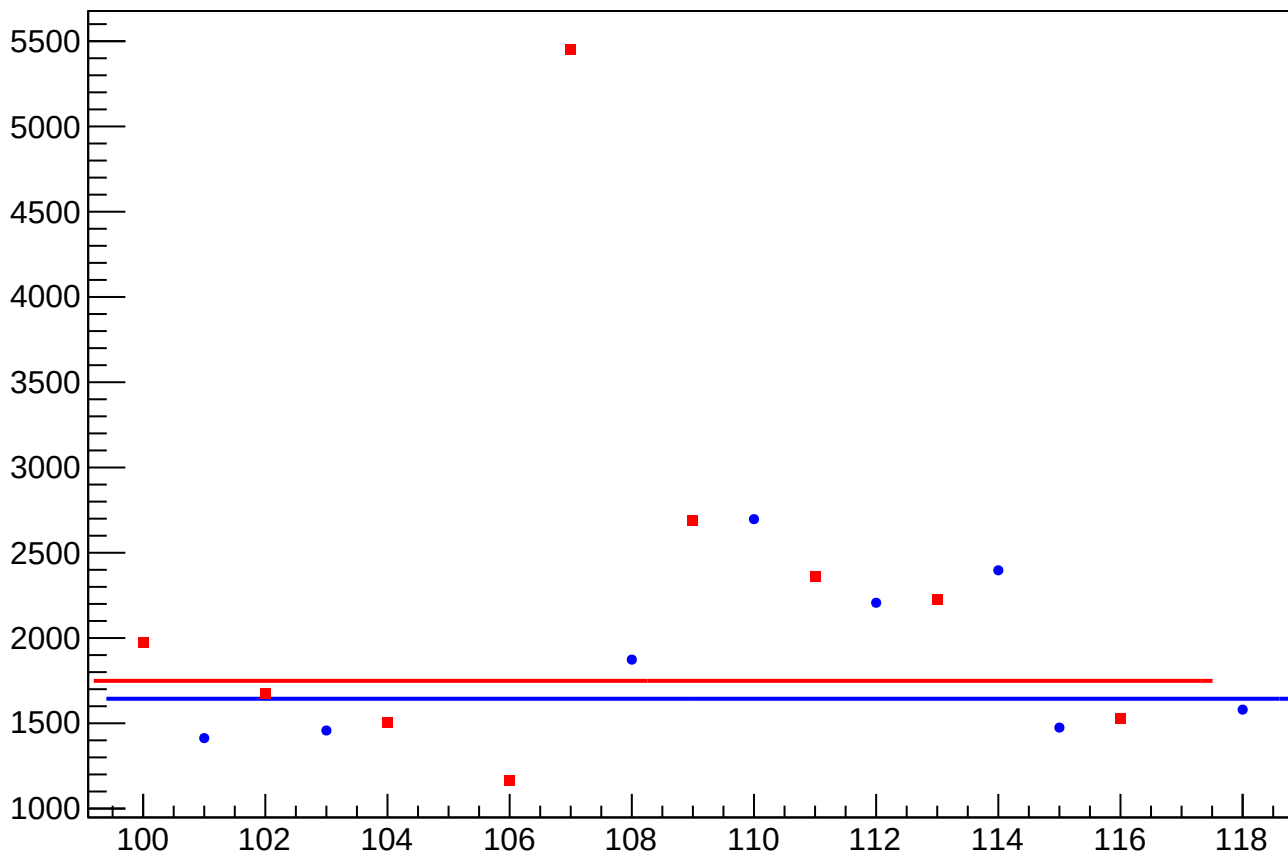
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.181+/-681.702 χ^2/NDF : 18.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



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: 1748.928+/-0.715 χ^2/NDF : 613585.0/8

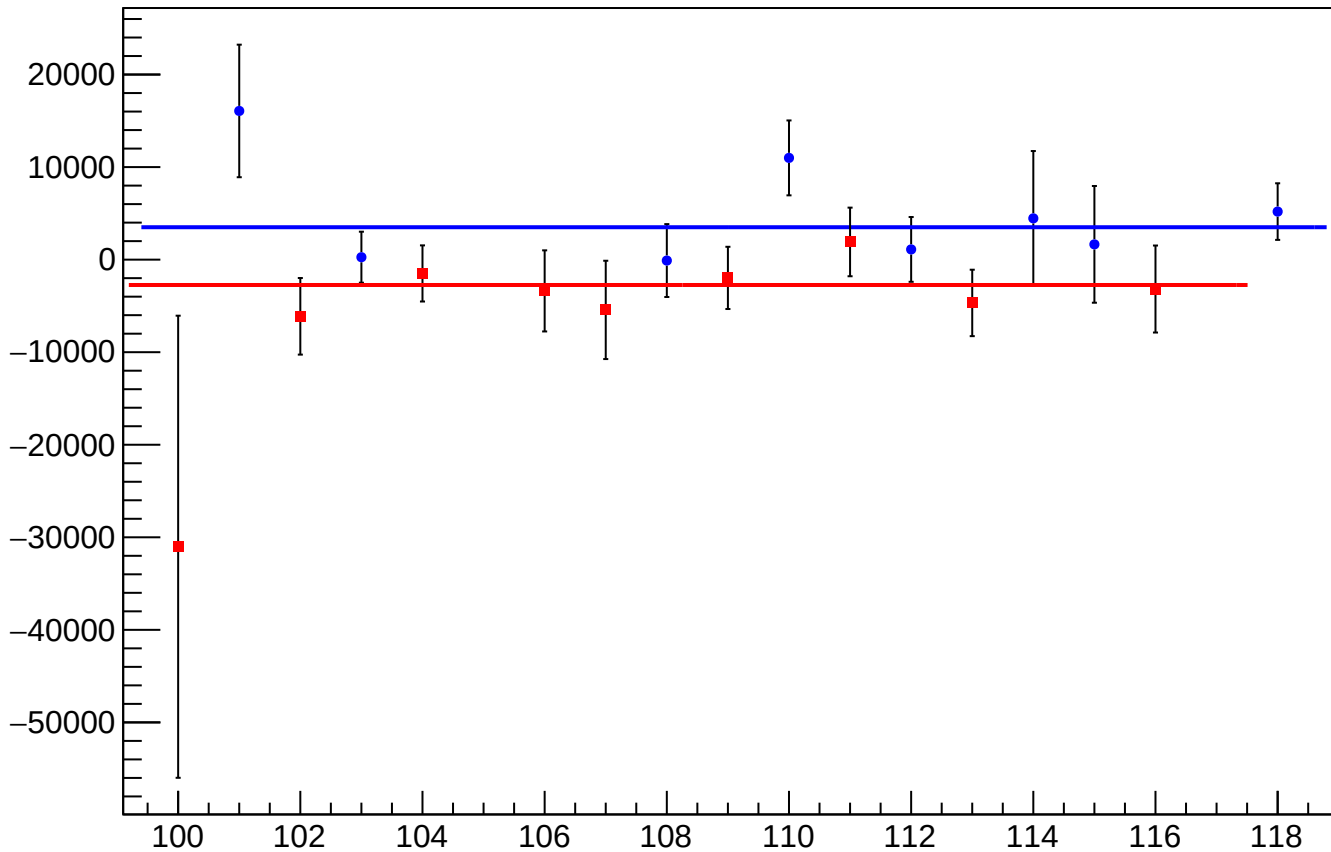
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.562+/-0.482 χ^2/NDF : 898992.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3502.509 $\pm$ 1400.913 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2738.776 $\pm$ 1360.271 χ^2 /NDF: 4.3/8

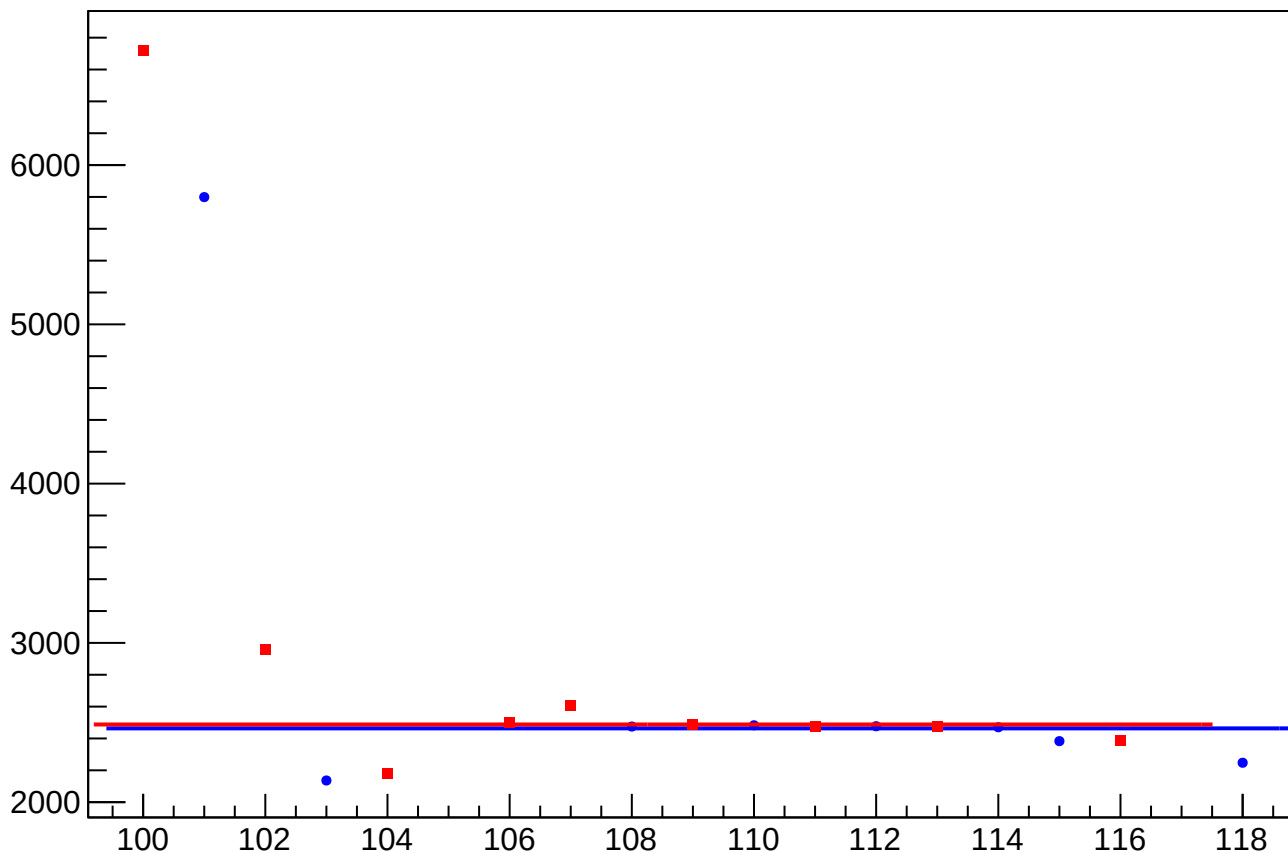
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 290.019 $\pm$ 975.909 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2463.280 $\pm$ 0.991 χ^2 /NDF: 472546.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2487.778 $\pm$ 0.962 χ^2 /NDF: 105758.7/8

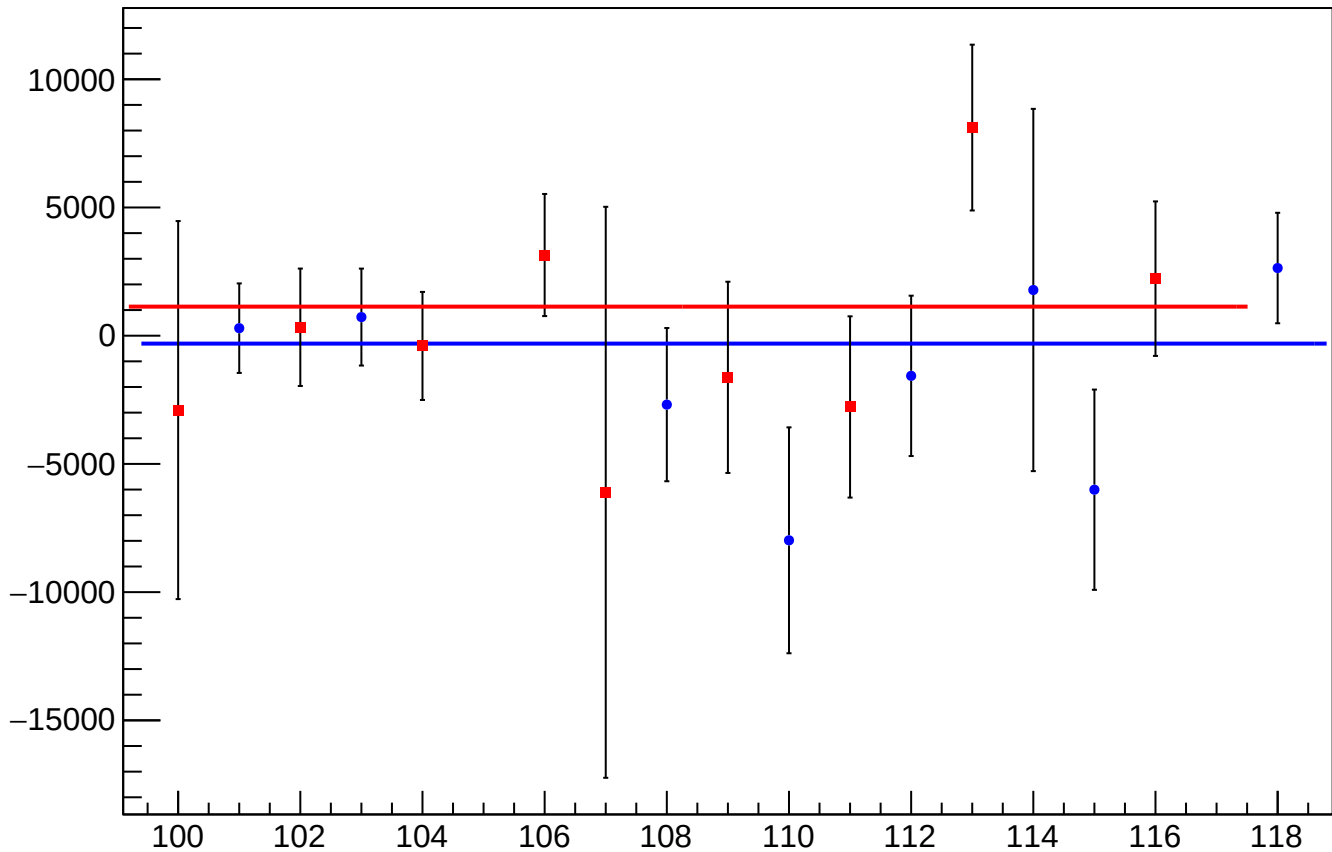
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2475.890 $\pm$ 0.690 χ^2 /NDF: 578619.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug



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: 1133.791+/-1011.844 χ^2/NDF : 8.7/8

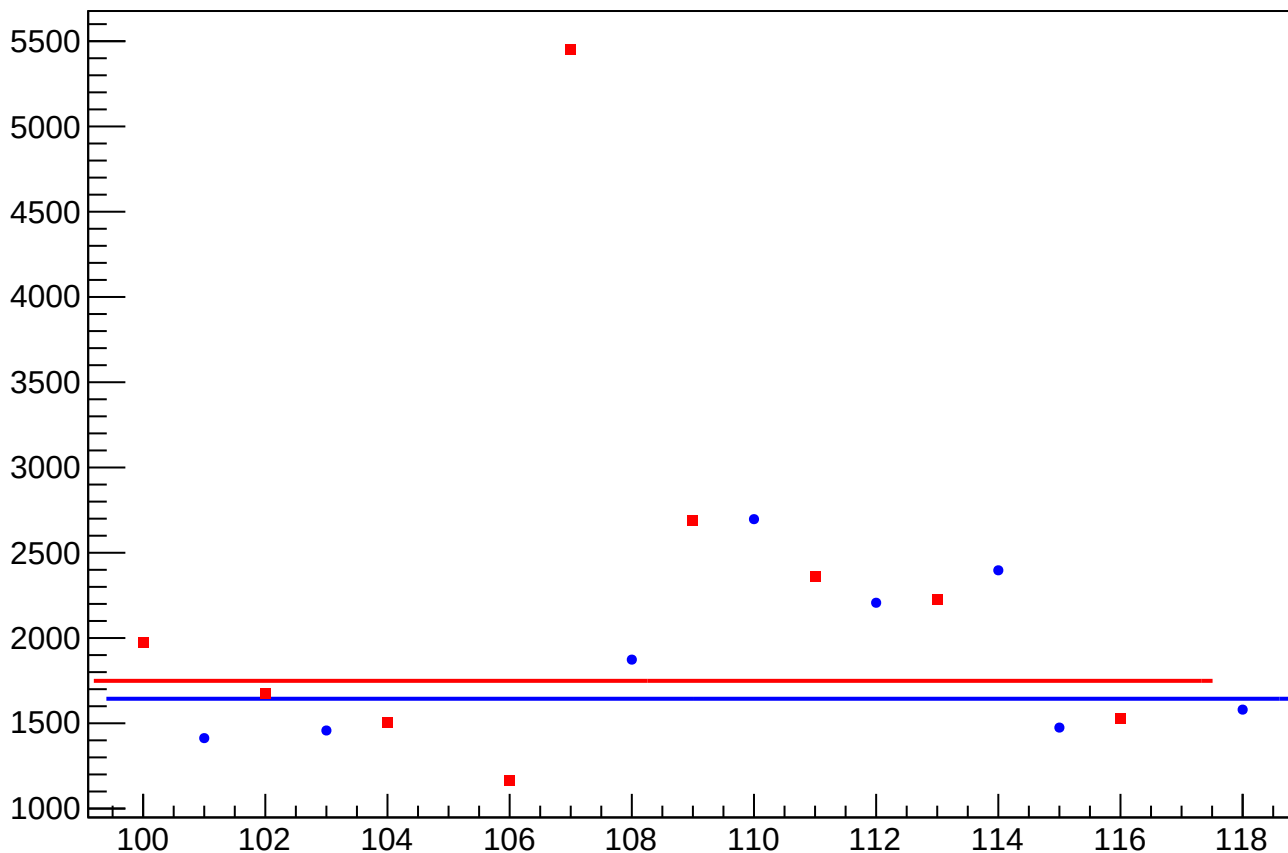
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.181+/-681.702 χ^2/NDF : 18.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



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: 1748.928+/-0.715 χ^2/NDF : 613585.0/8

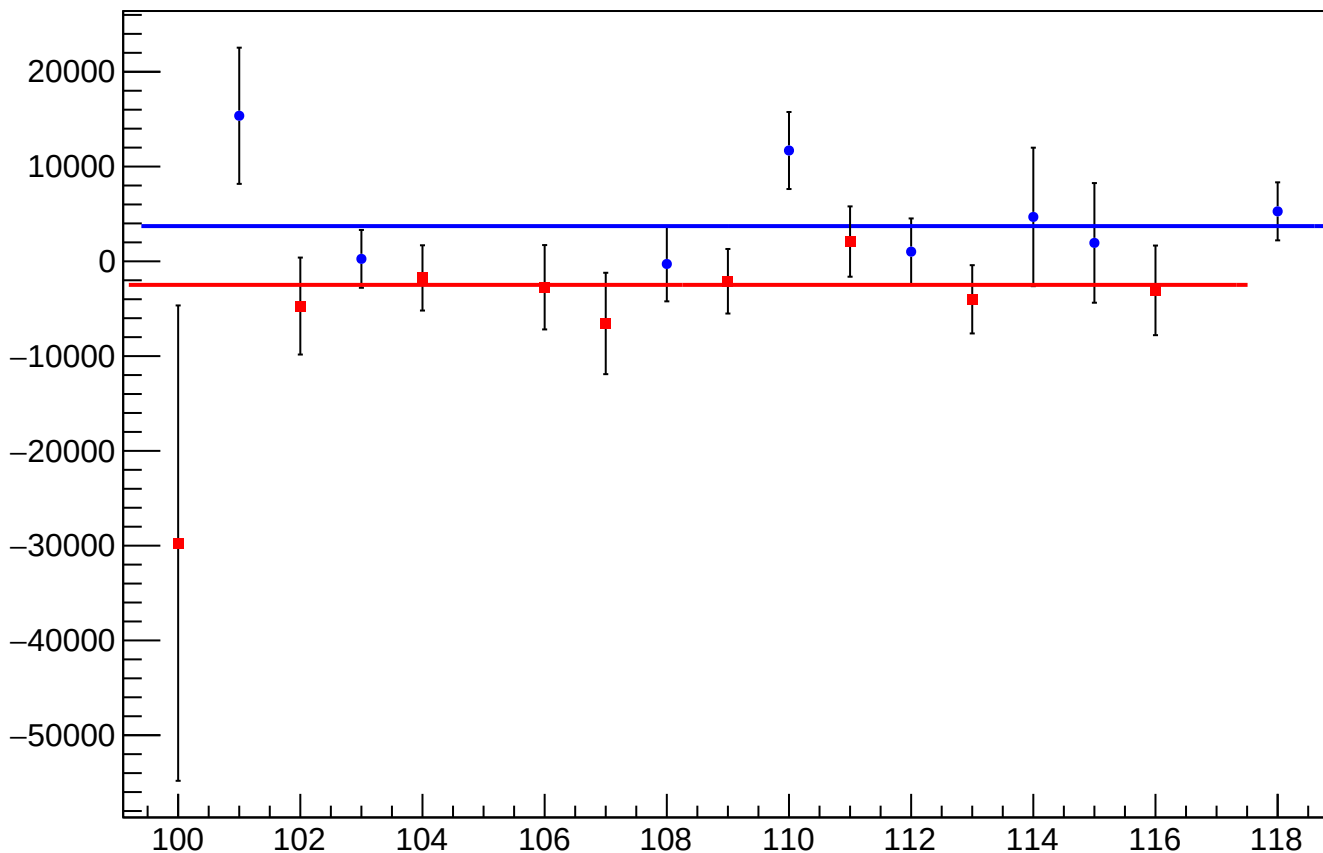
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1691.562+/-0.482 χ^2/NDF : 898992.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 3717.493 $\pm$ 1438.119 χ^2 /NDF: 9.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2484.546 $\pm$ 1428.116 χ^2 /NDF: 3.7/8

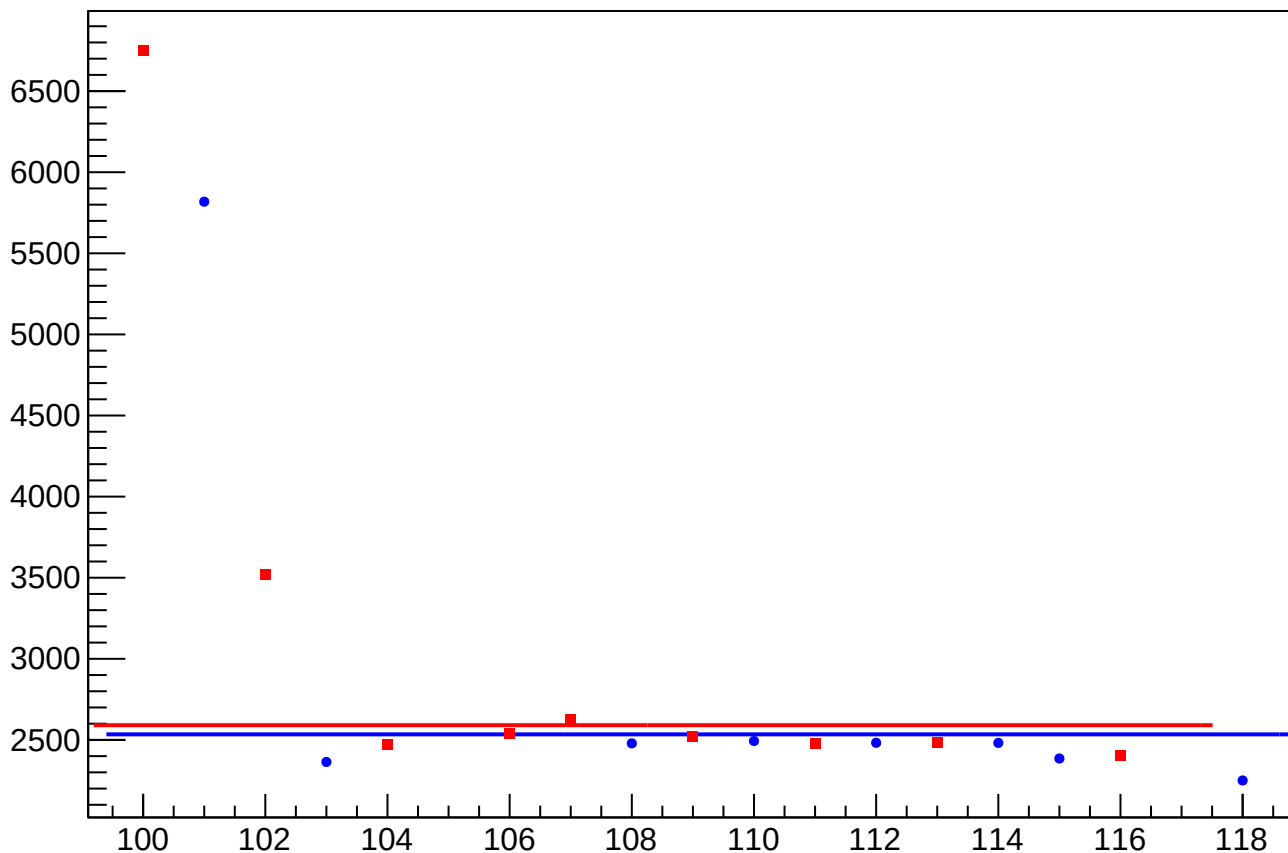
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 594.830 $\pm$ 1013.349 χ^2 /NDF: 22.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



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: 2590.714+/-1.010 χ^2/NDF : 131426.0/8

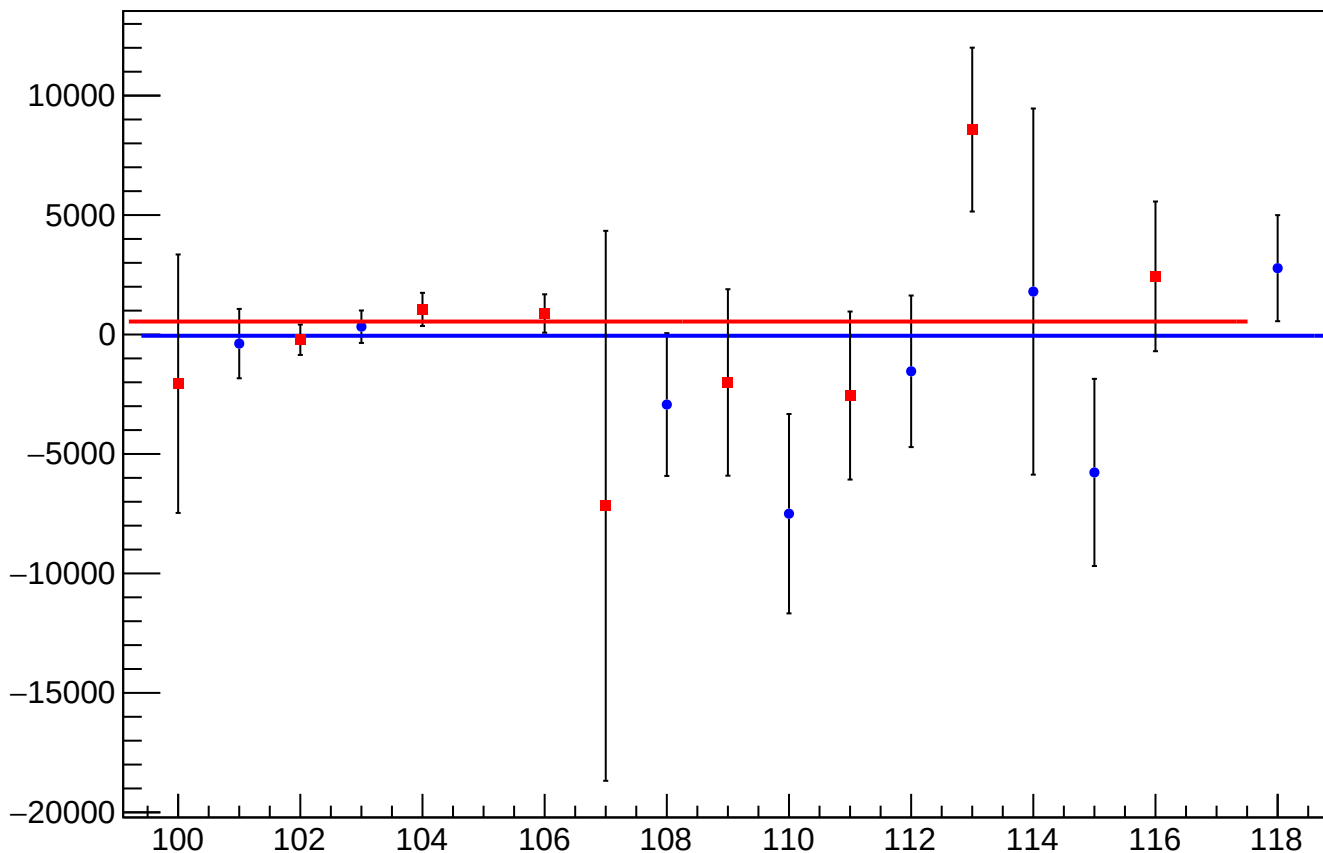
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.677+/-0.717 χ^2/NDF : 576465.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



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: 543.000 ± 393.230 χ^2/NDF : 9.9/8

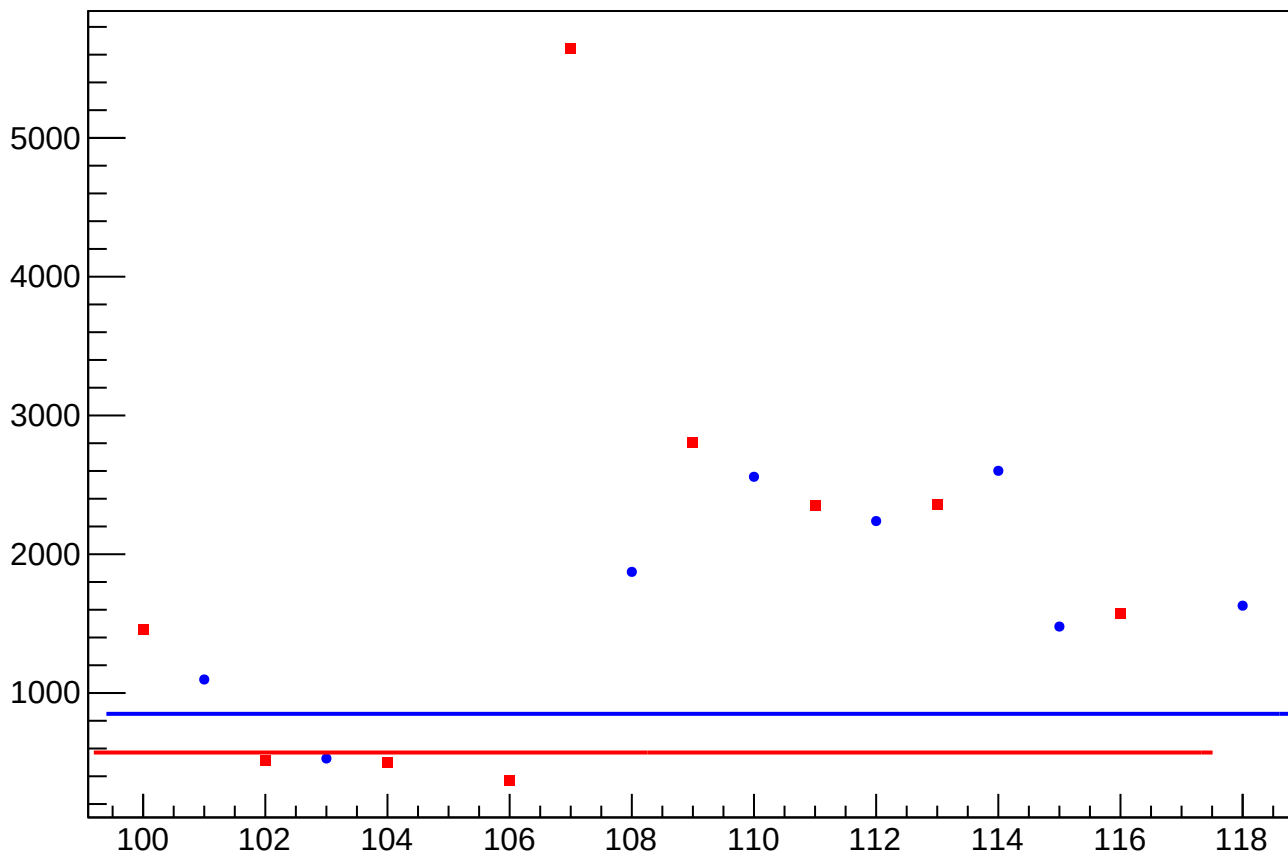
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 346.212 ± 321.713 χ^2/NDF : 19.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



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: 571.200+/-0.278 χ^2/NDF : 2524781.3/8

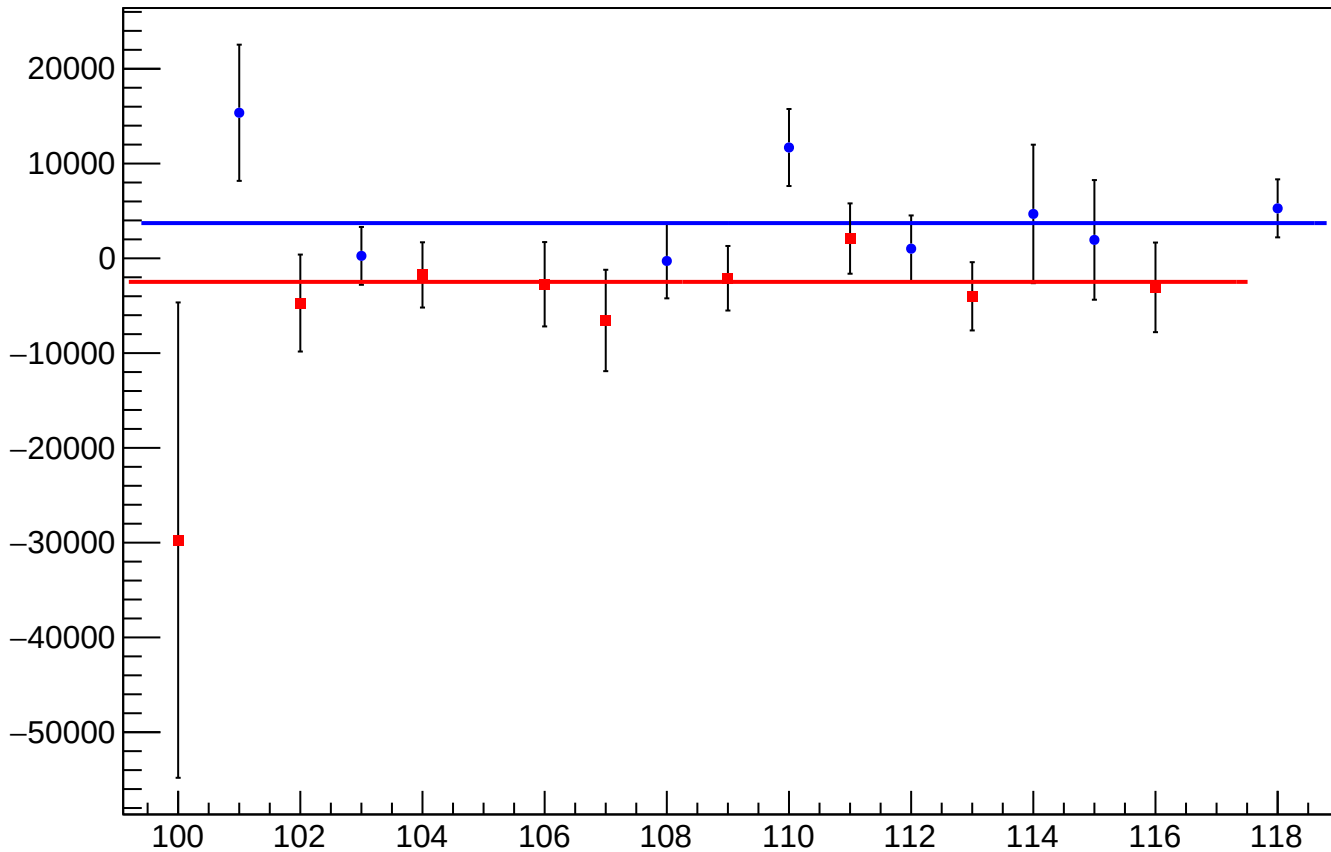
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.372+/-0.227 χ^2/NDF : 4719789.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



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: -2484.541+/-1428.116 χ^2/NDF : 3.7/8

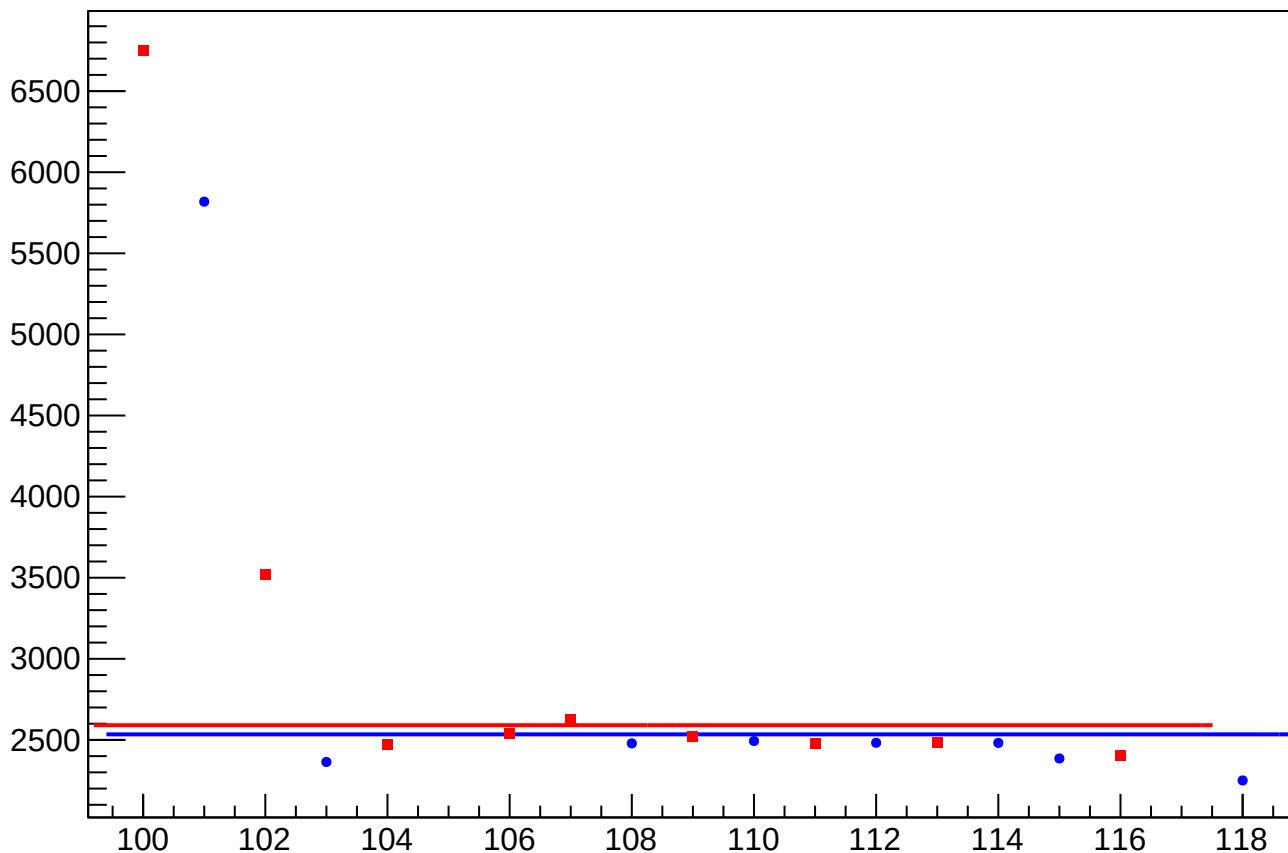
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 594.831+/-1013.348 χ^2/NDF : 22.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



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: 2590.712+/-1.010 χ^2/NDF : 131425.5/8

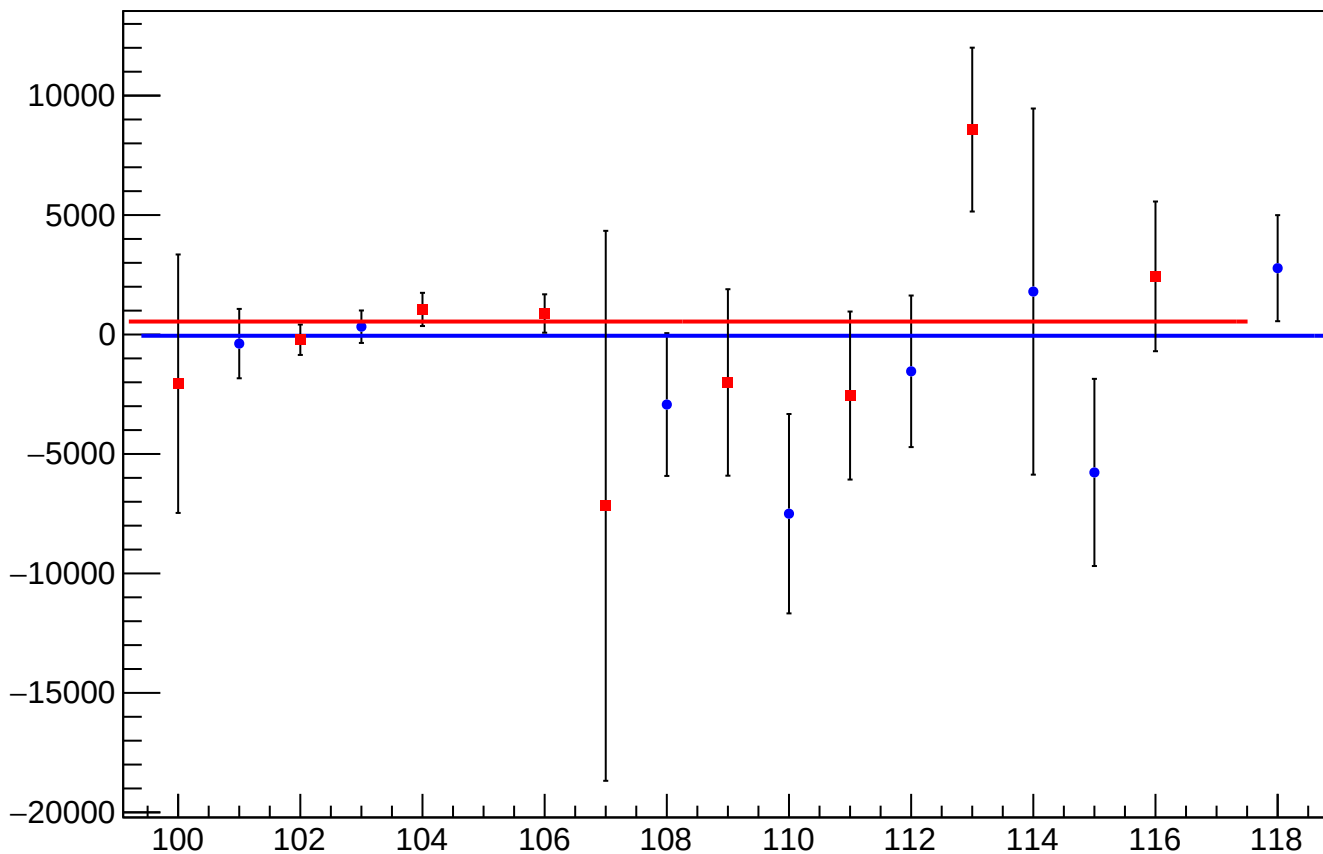
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2562.675+/-0.717 χ^2/NDF : 576465.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -52.142 $\pm$ 559.473 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 543.009 $\pm$ 393.236 χ^2 /NDF: 9.9/8

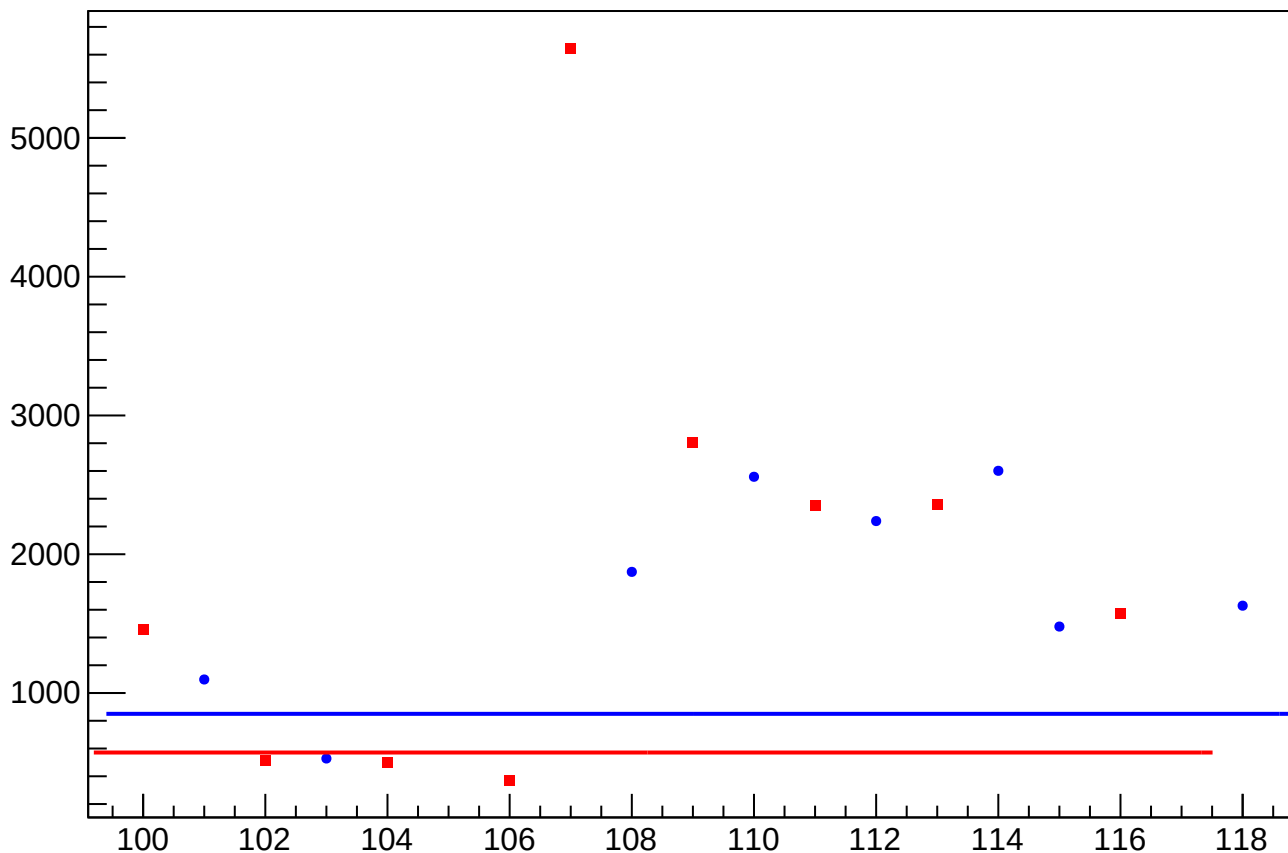
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 346.212 $\pm$ 321.717 χ^2 /NDF: 19.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



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: 571.212+/-0.278 χ^2/NDF : 2524742.9/8

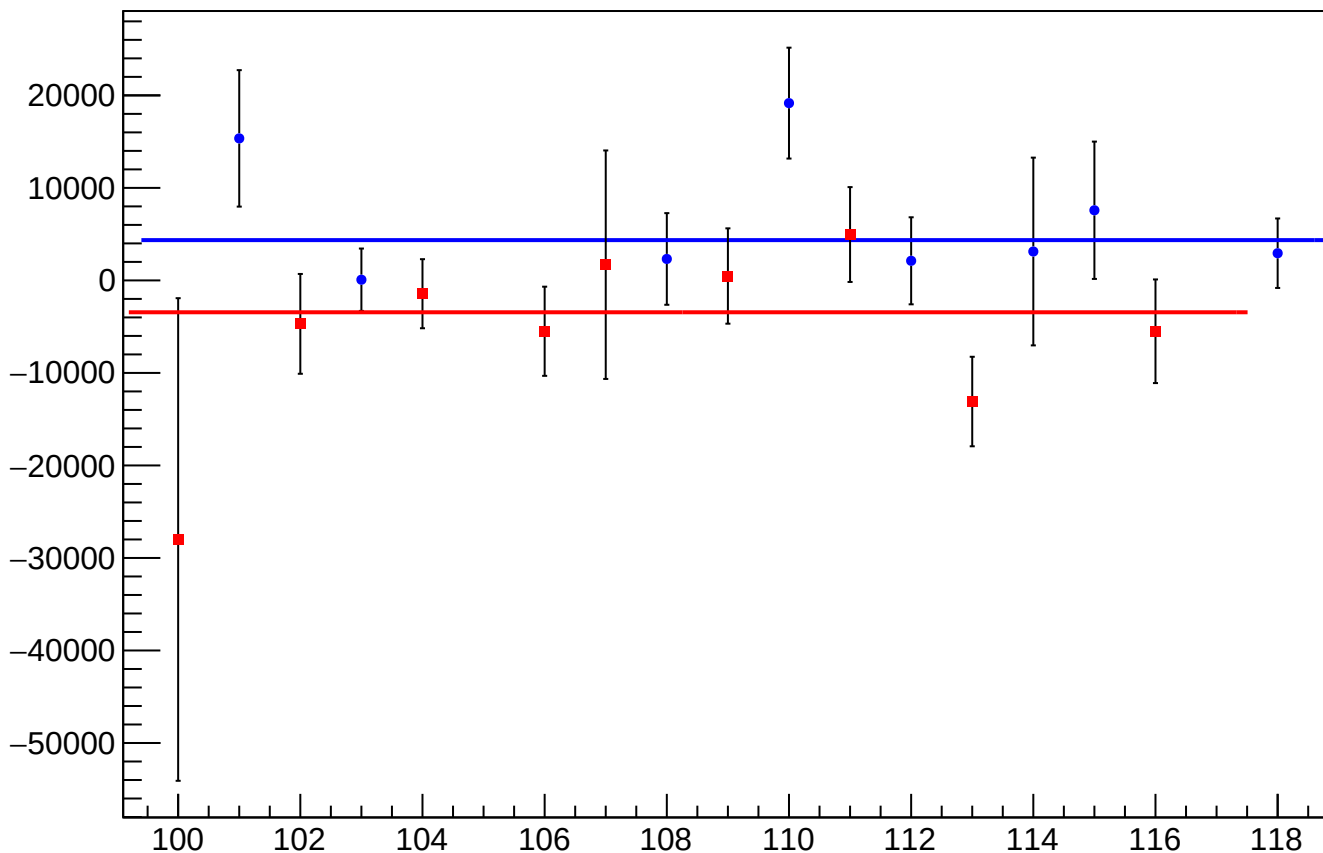
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 663.384+/-0.227 χ^2/NDF : 4719707.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



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: -3444.302+/-1803.259 χ^2/NDF : 9.0/8

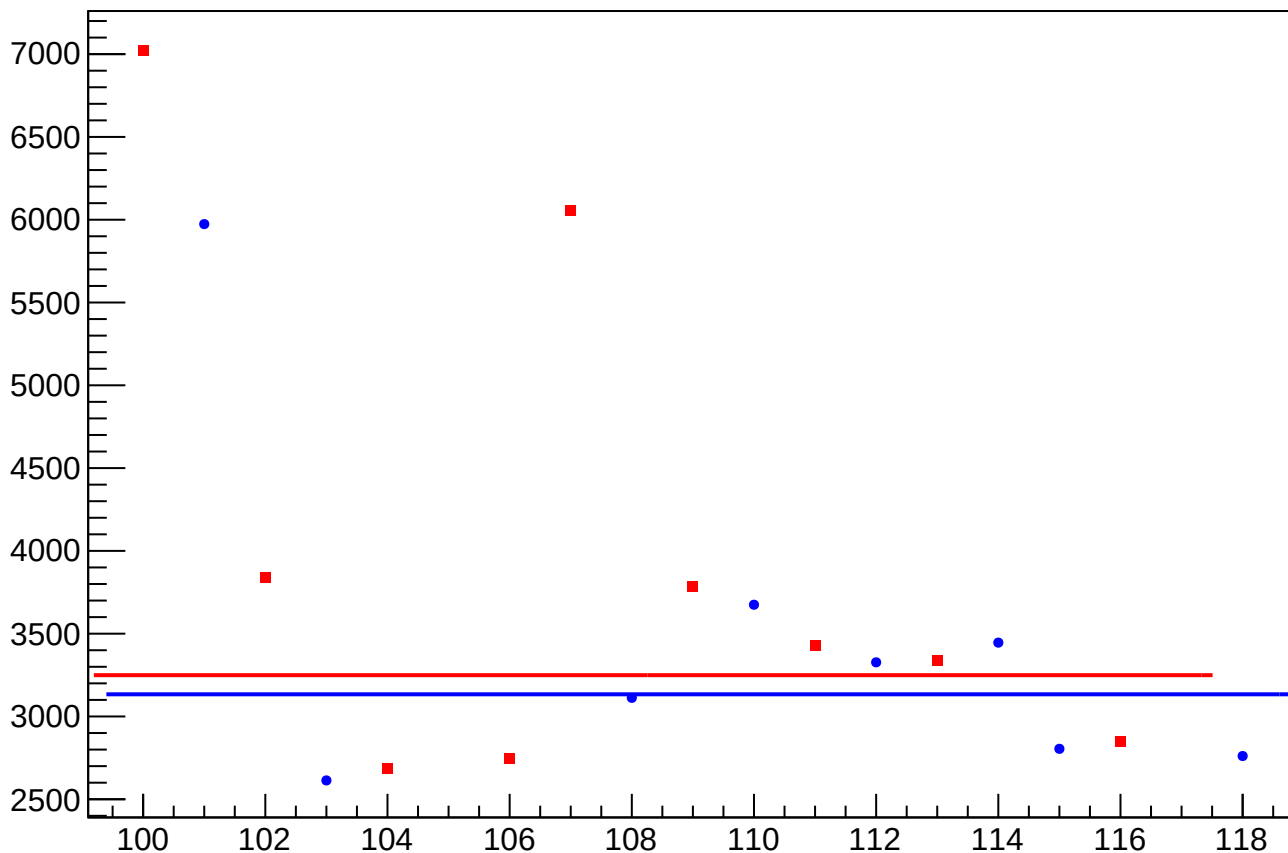
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.390+/-1263.441 χ^2/NDF : 29.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3133.818+/-1.252 χ^2/NDF : 389268.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

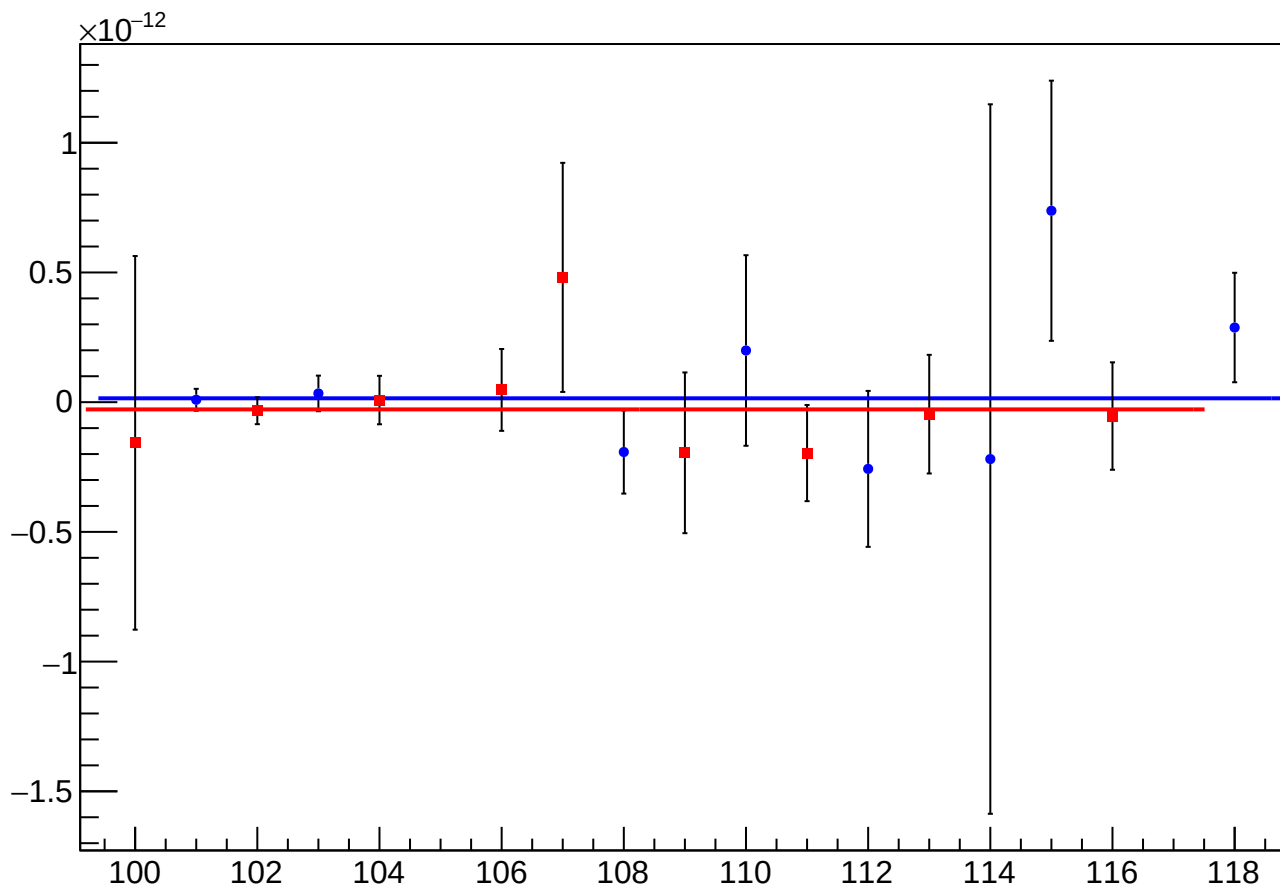
Right Out: 3249.404+/-1.275 χ^2/NDF : 270722.4/8

All: 3190.560+/-0.893 χ^2/NDF : 664174.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug



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 : 2.9/8

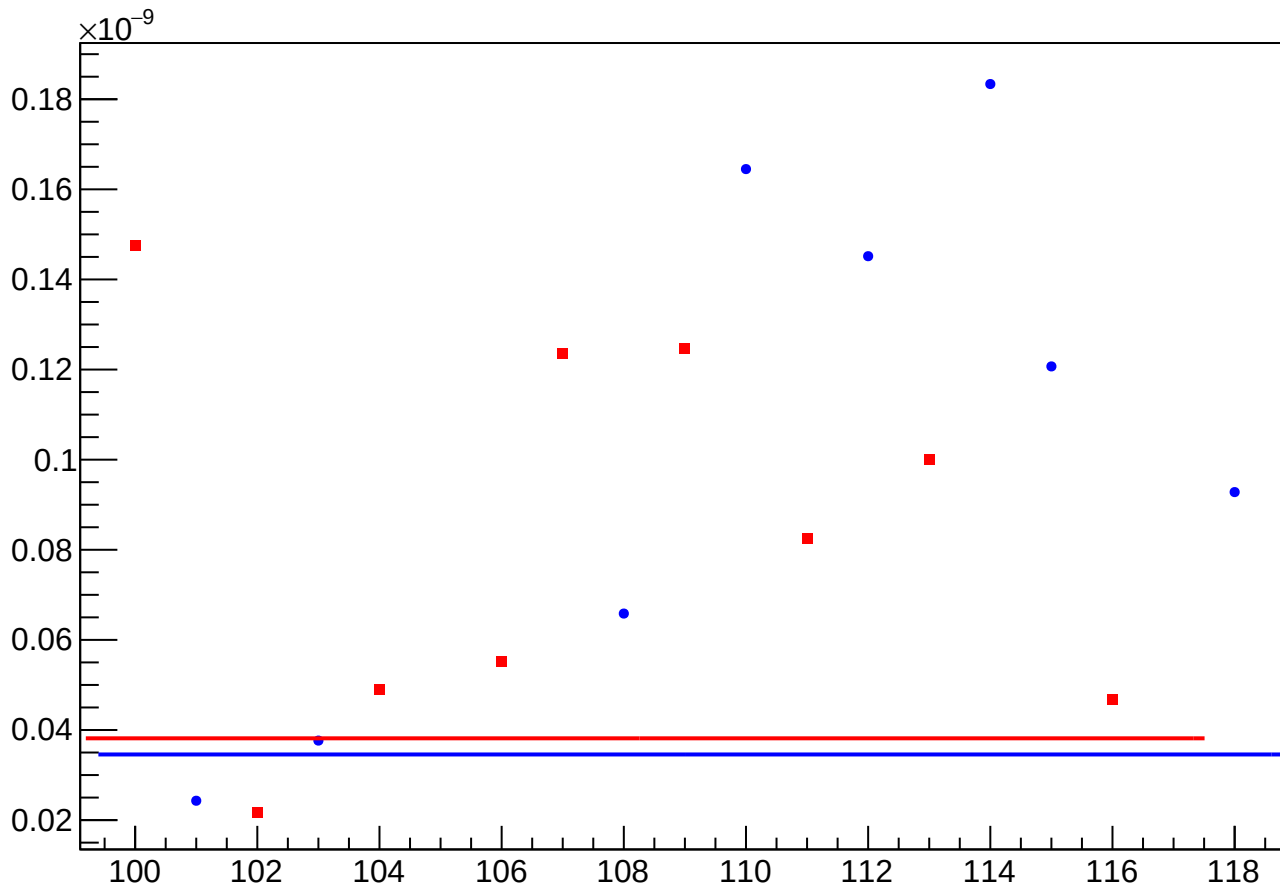
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug



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 : 793134.9/8

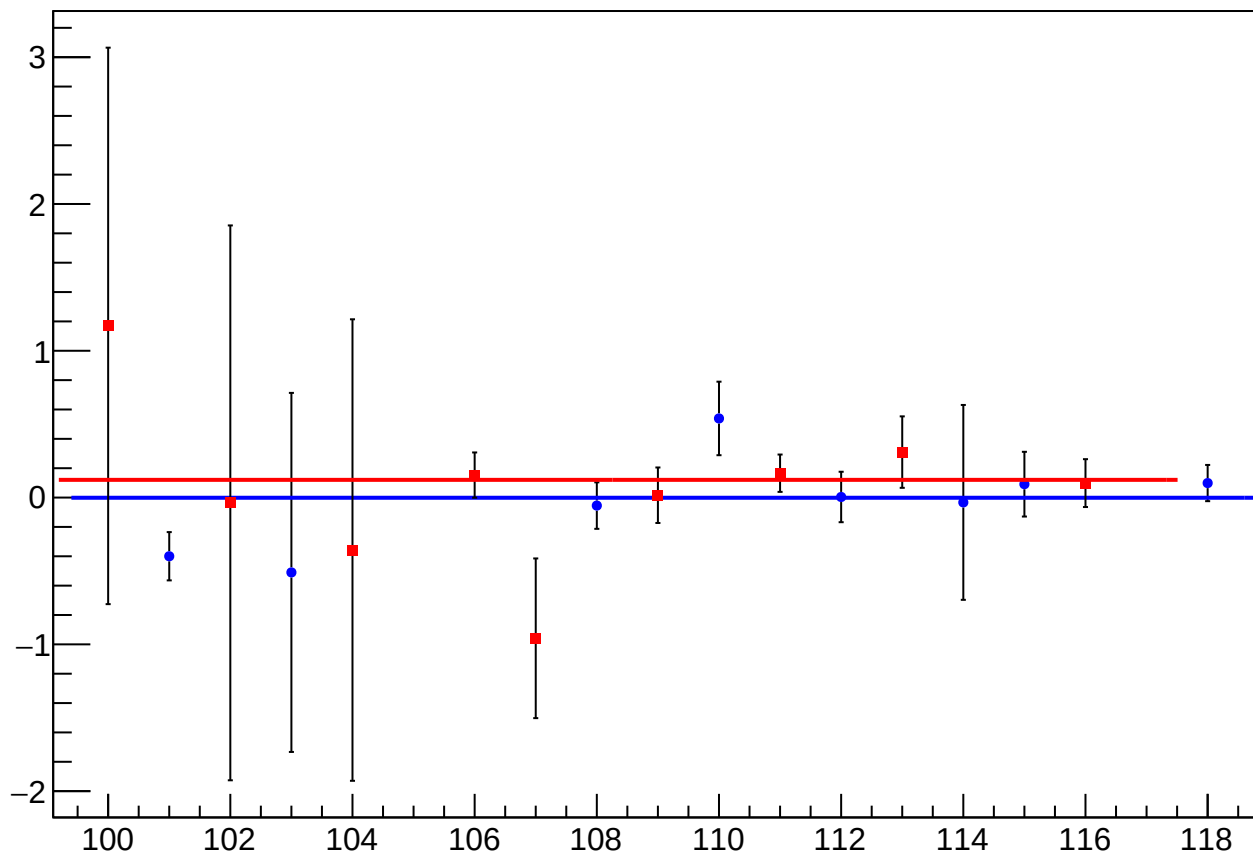
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1757344.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug



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: 0.121 ± 0.072 χ^2/NDF : 5.4/8

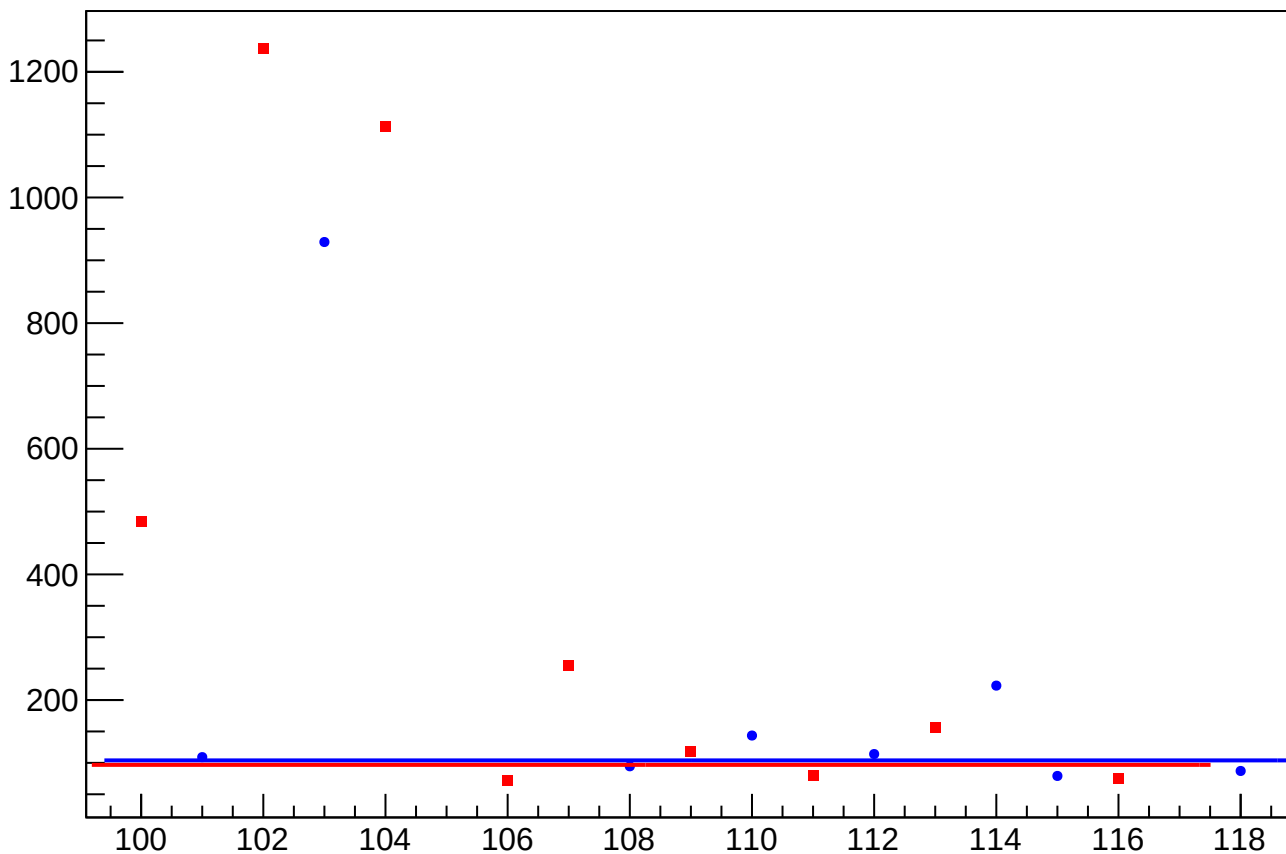
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.050 χ^2/NDF : 18.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug



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: 96.822+/-0.051 χ^2/NDF : 2092687.0/8

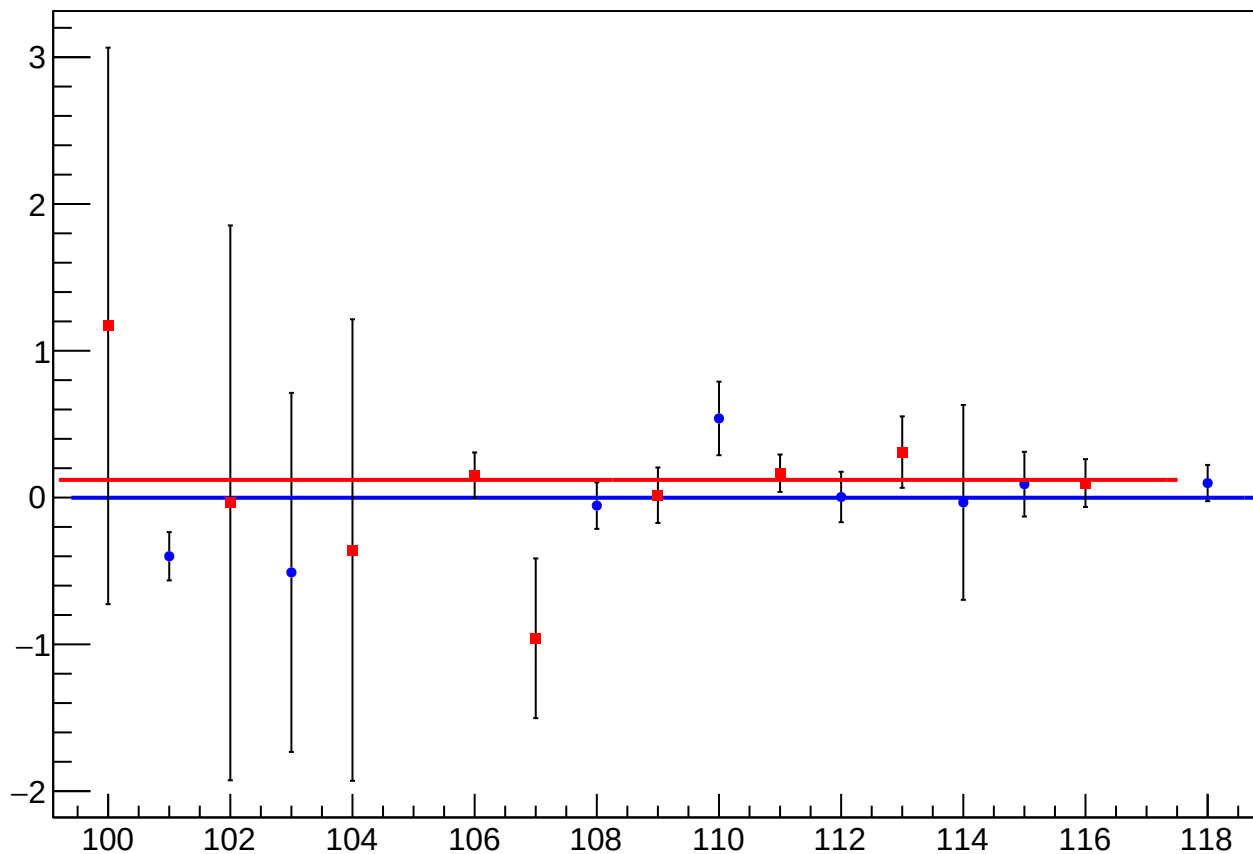
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.595+/-0.035 χ^2/NDF : 3205853.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.121 $\pm$ 0.072 χ^2 /NDF: 5.4/8

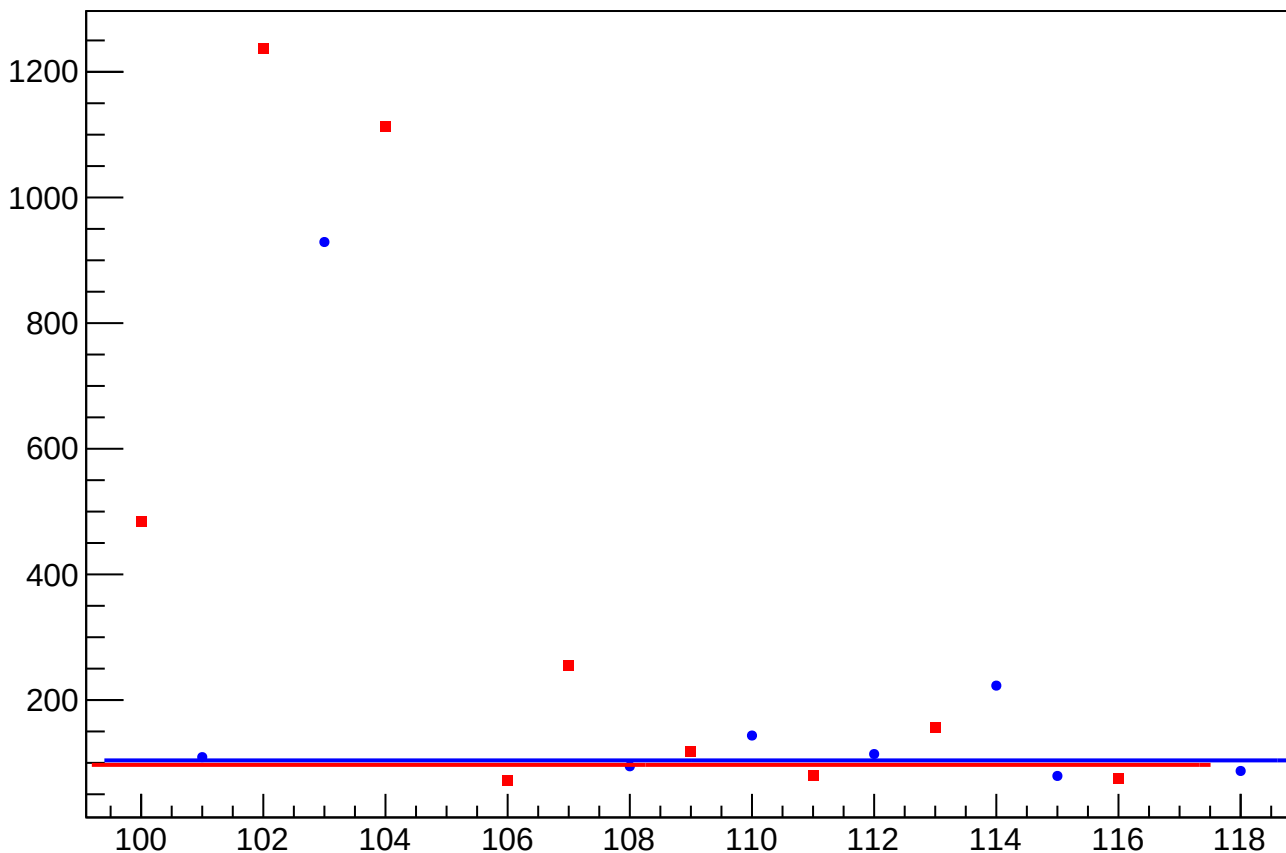
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.050 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 96.822+/-0.051 χ^2/NDF : 2092687.0/8

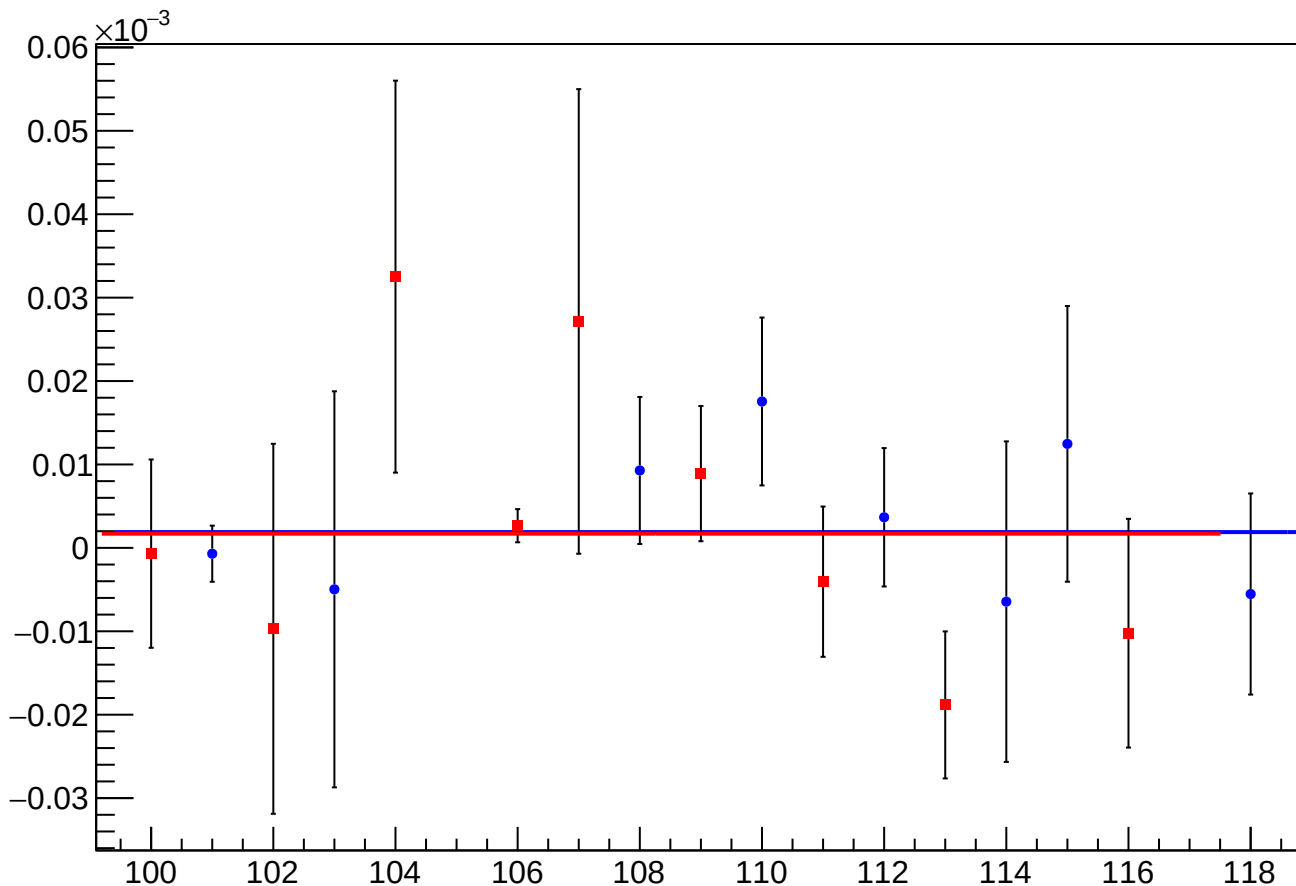
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.595+/-0.035 χ^2/NDF : 3205853.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 10.5/8

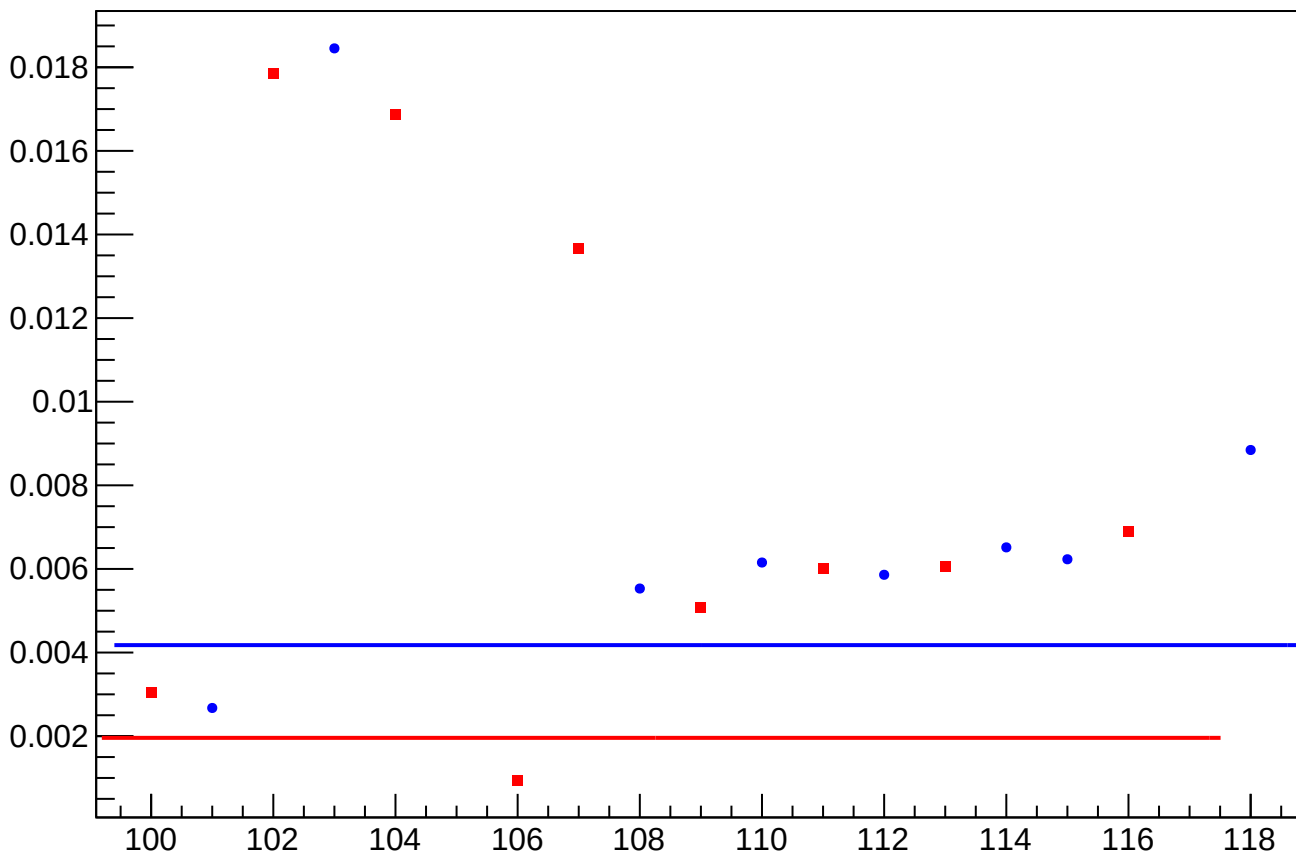
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 1688703.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 4135625.8/8

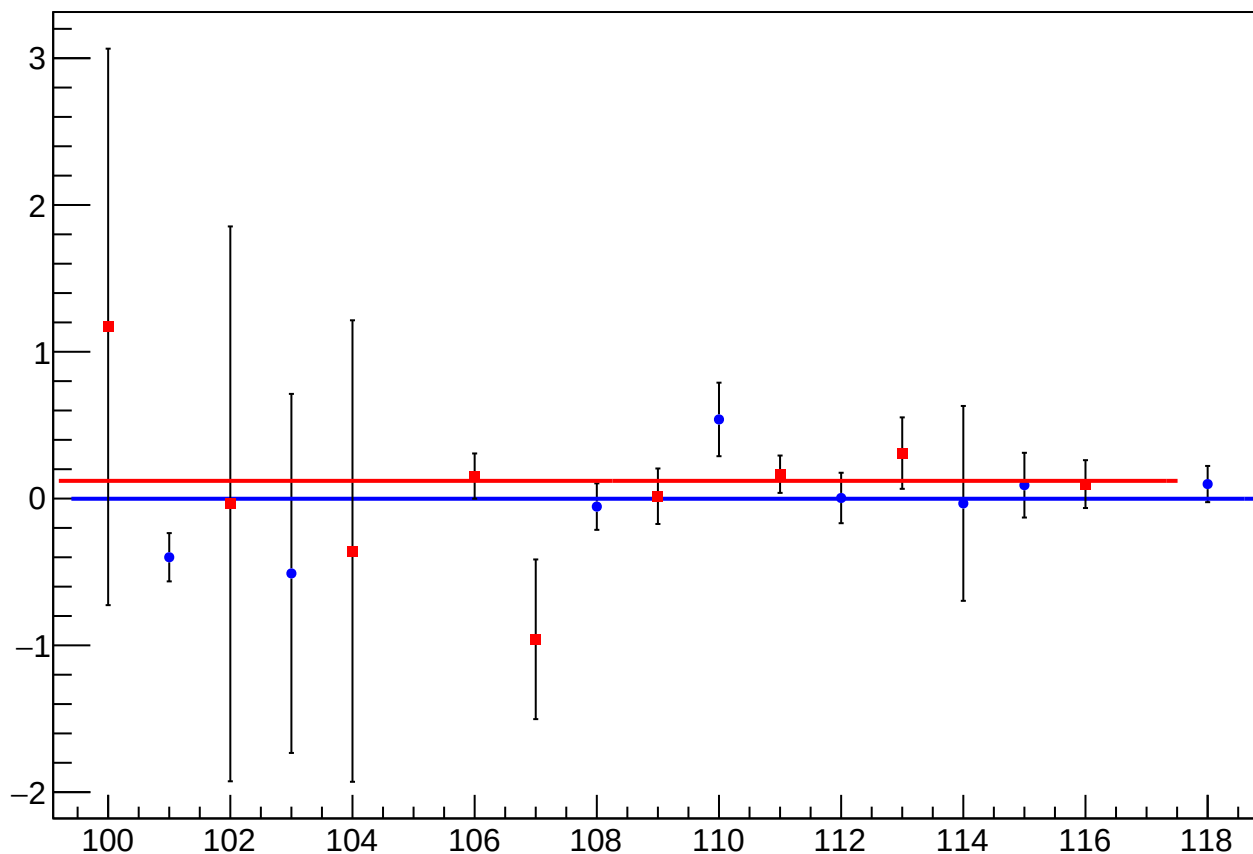
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 6777942.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.121 ± 0.072 χ^2/NDF : 5.4/8

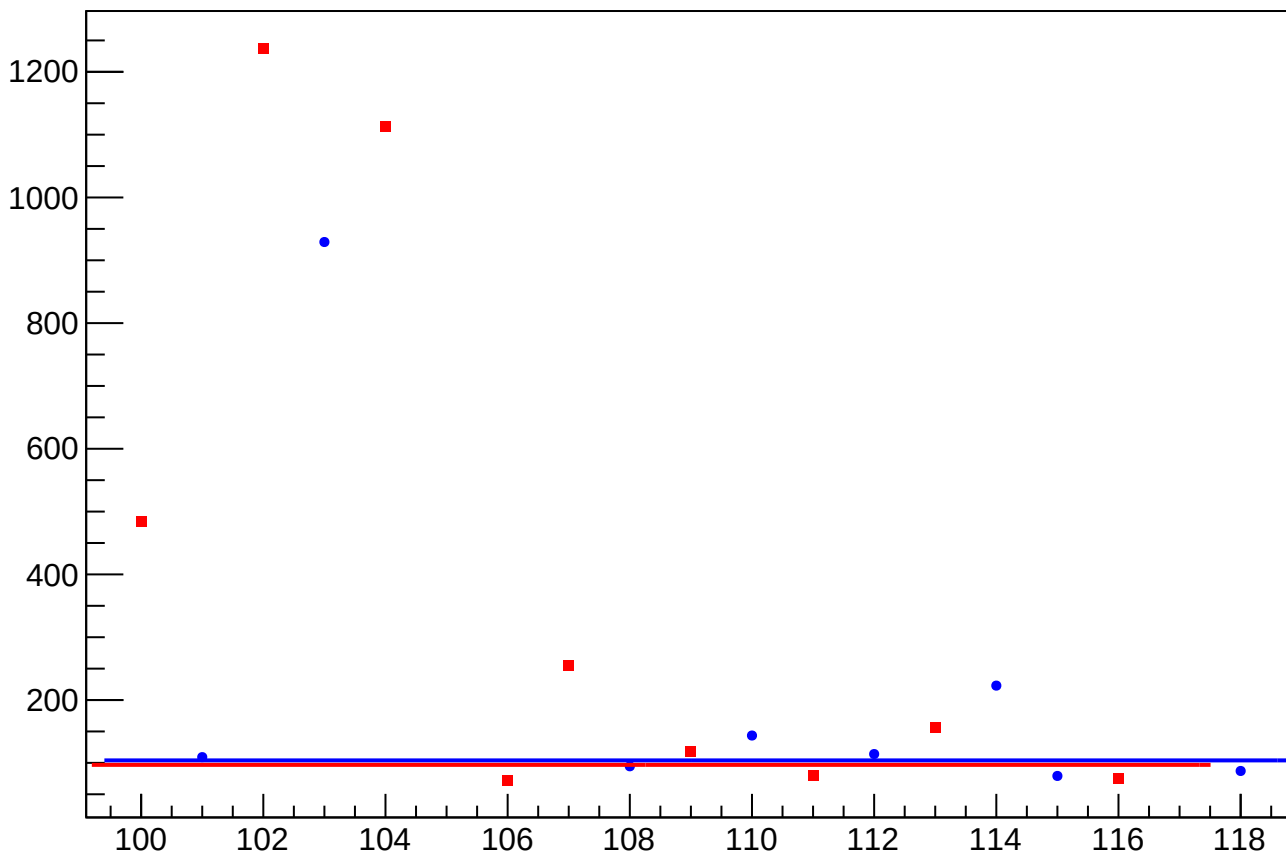
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.050 χ^2/NDF : 18.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 96.821+/-0.051 χ^2/NDF : 2092662.7/8

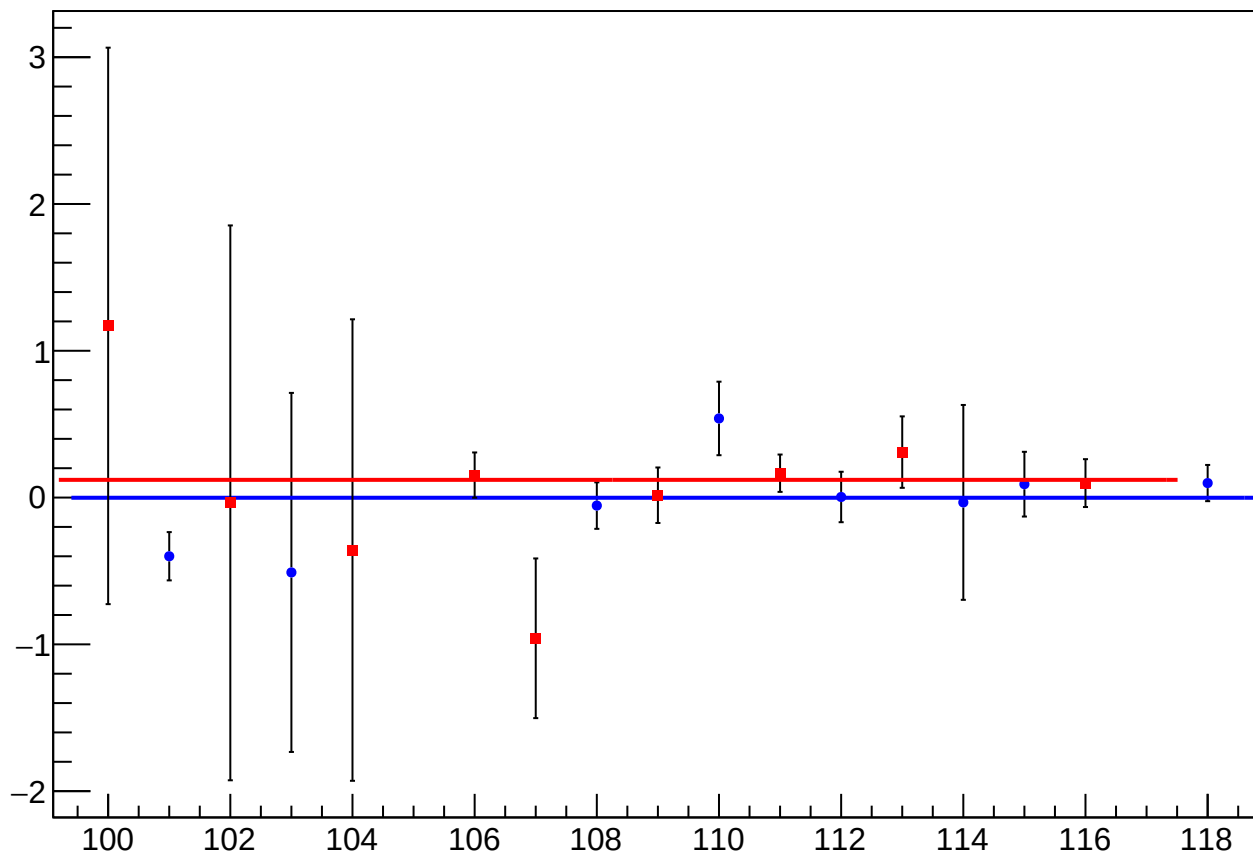
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.595+/-0.035 χ^2/NDF : 3205839.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.121 $\pm$ 0.072 χ^2 /NDF: 5.4/8

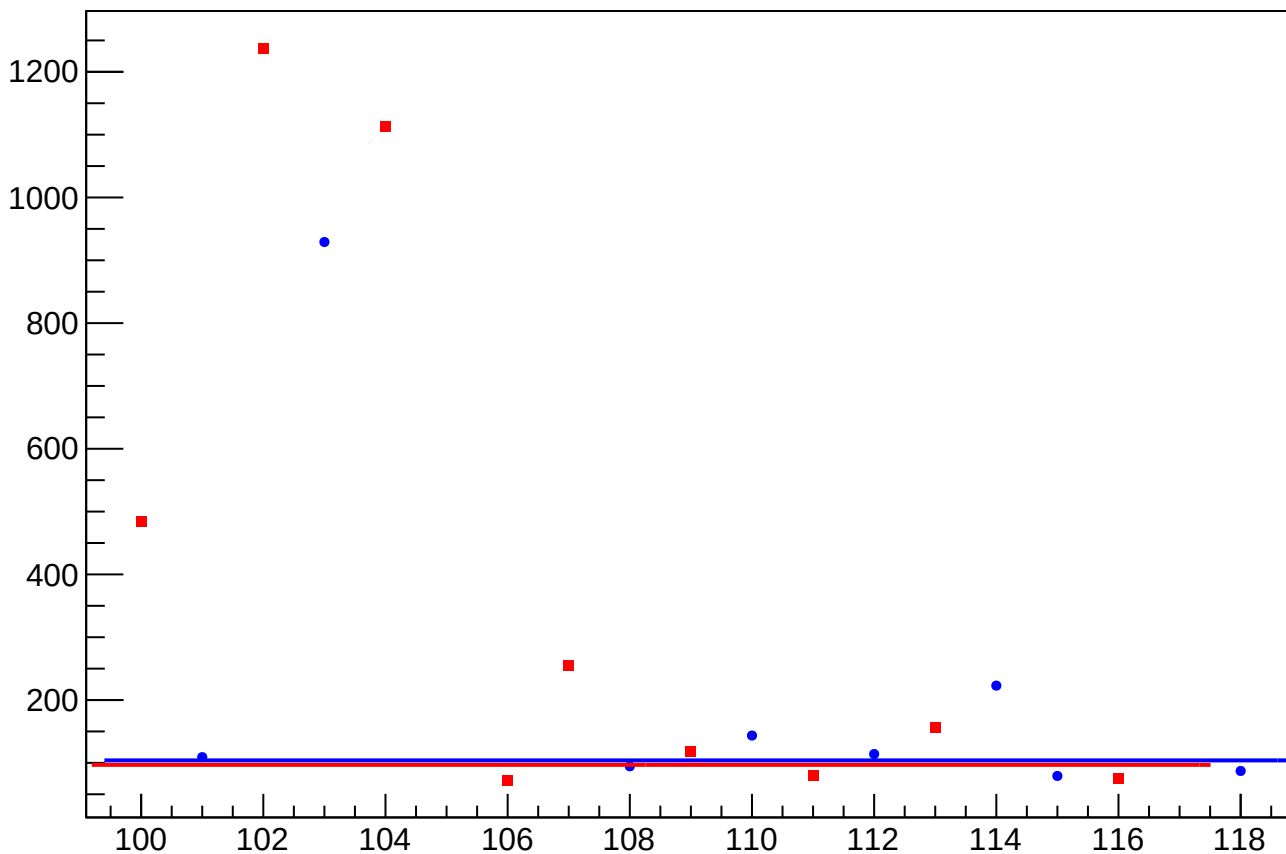
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.056 $\pm$ 0.050 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 96.821+/-0.051 χ^2/NDF : 2092662.7/8

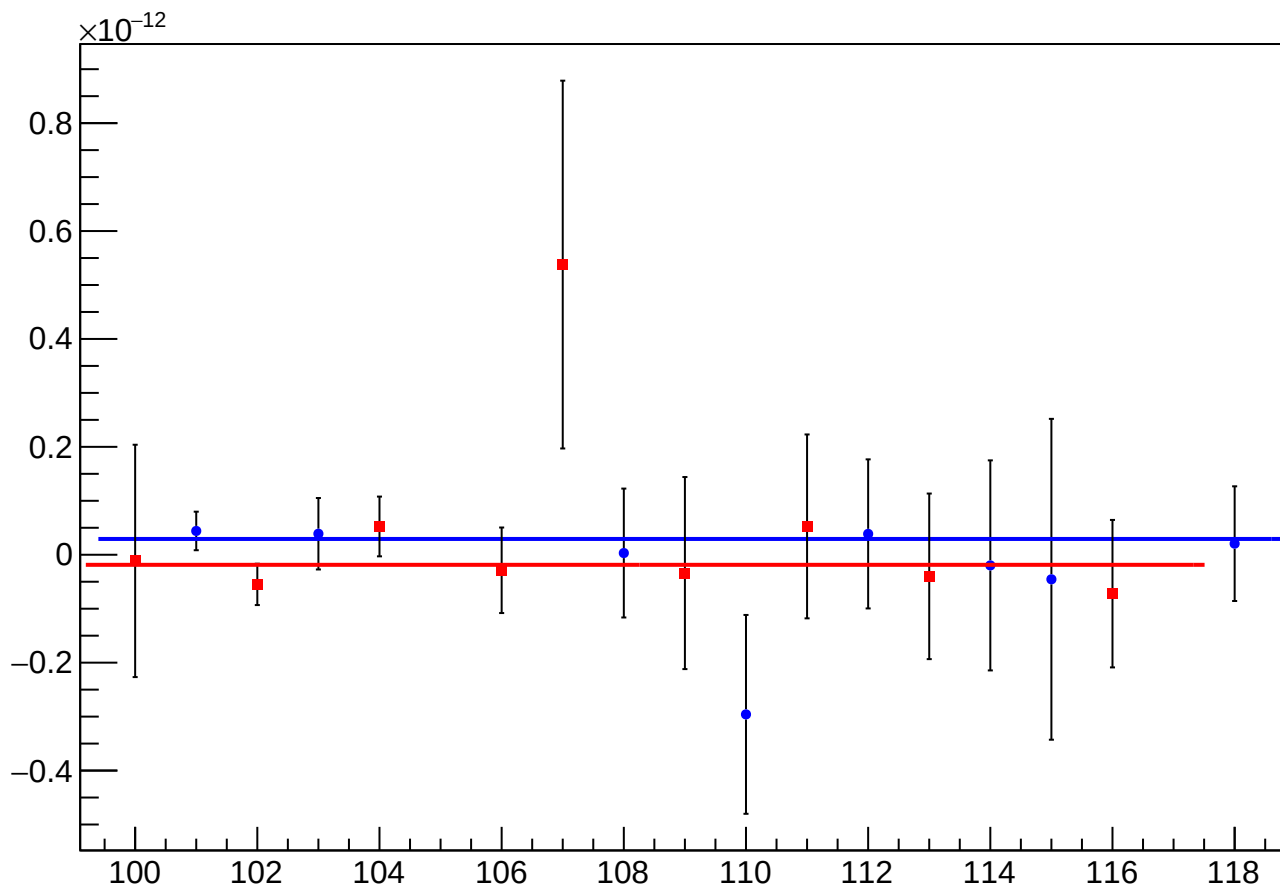
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.595+/-0.035 χ^2/NDF : 3205839.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 5.6/8

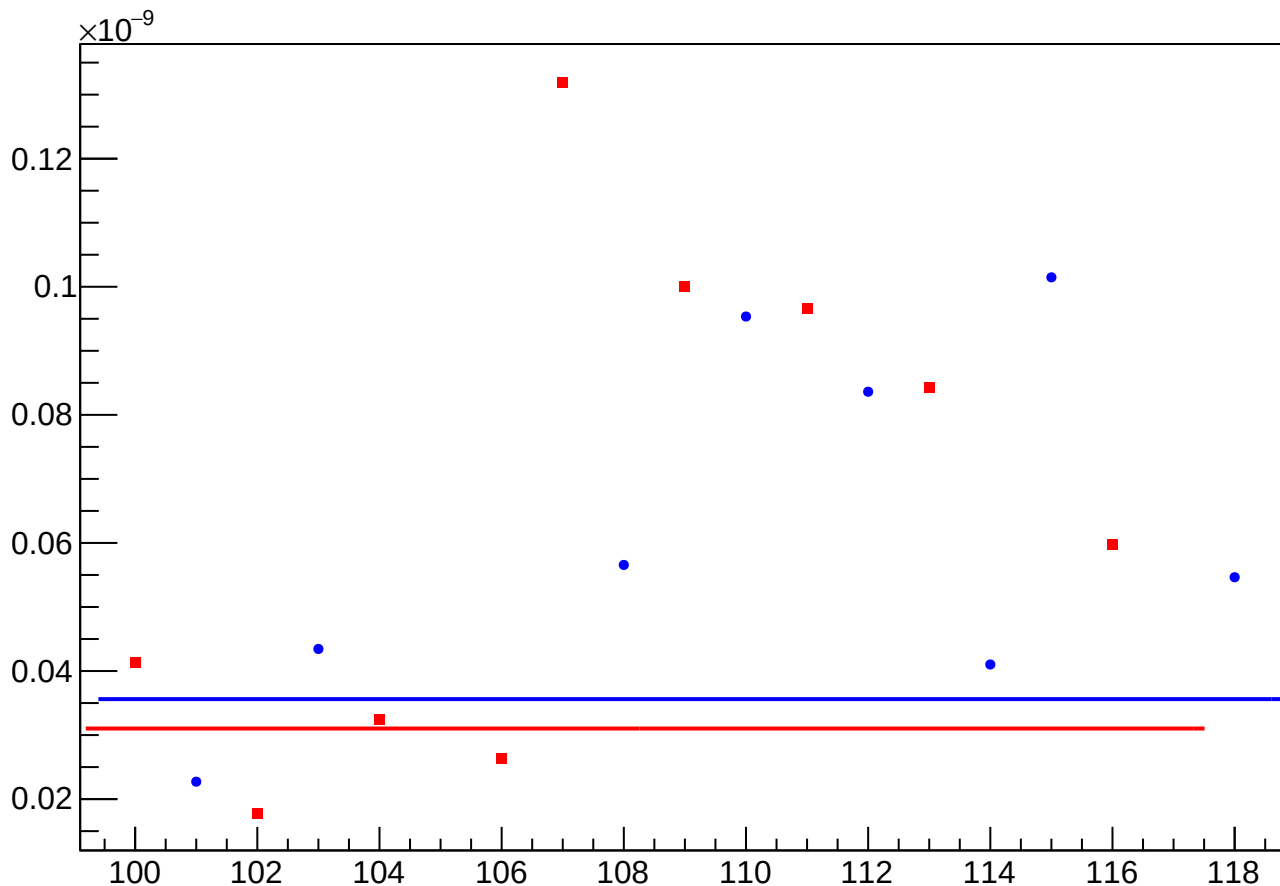
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1354075.6/8

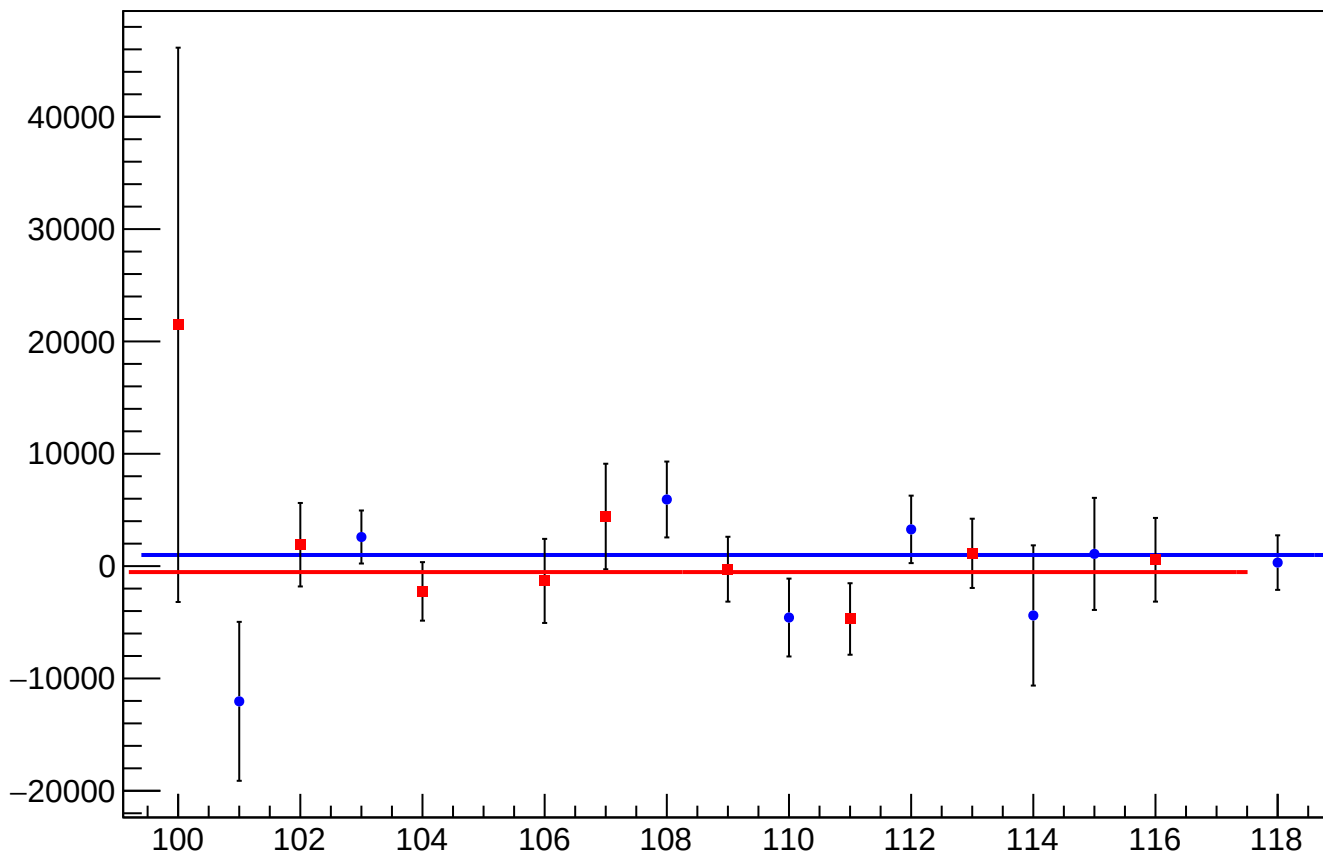
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2347164.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -530.545+/-1167.040 χ^2/NDF : 4.9/8

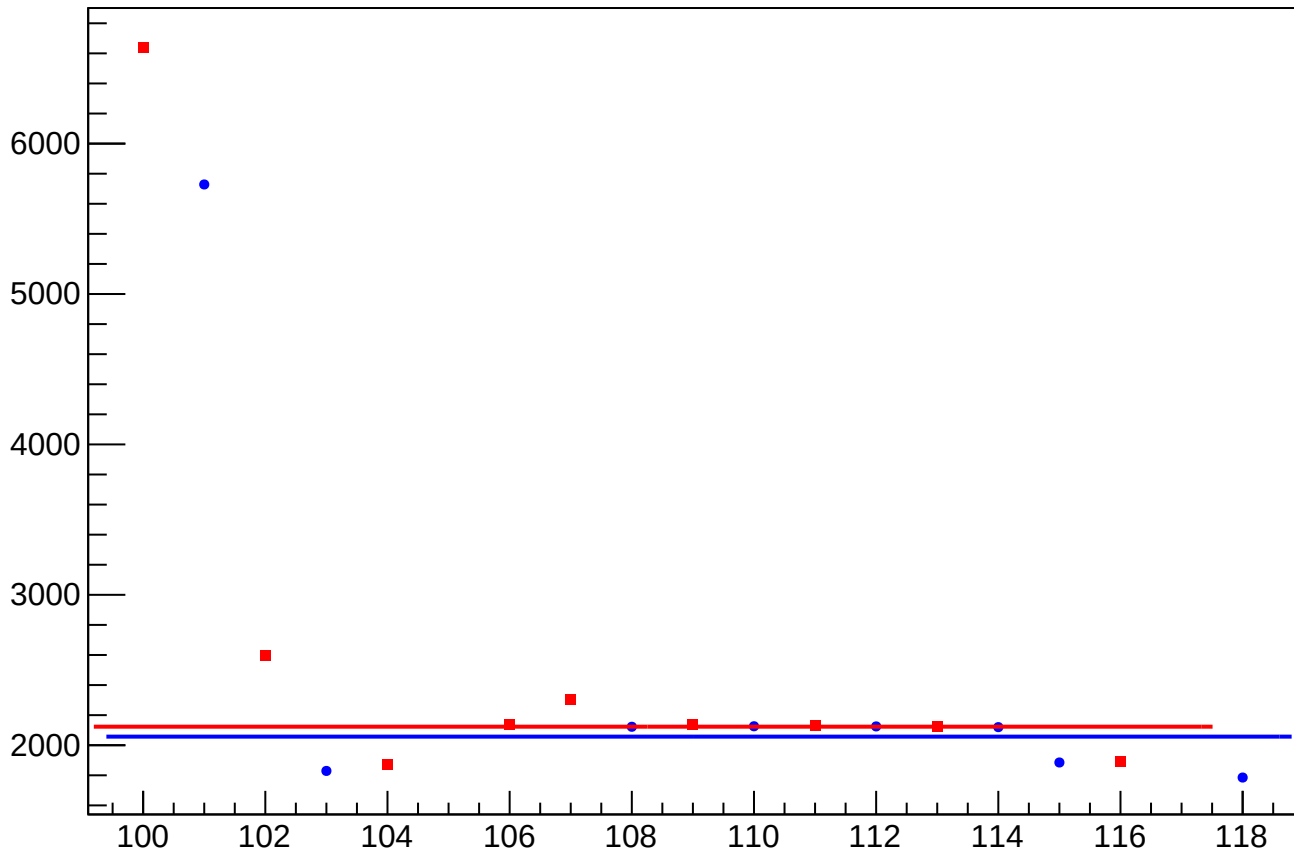
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.242+/-830.152 χ^2/NDF : 15.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2057.205 $\pm$ 0.835 χ^2 /NDF: 587551.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2123.328 $\pm$ 0.825 χ^2 /NDF: 128493.2/8

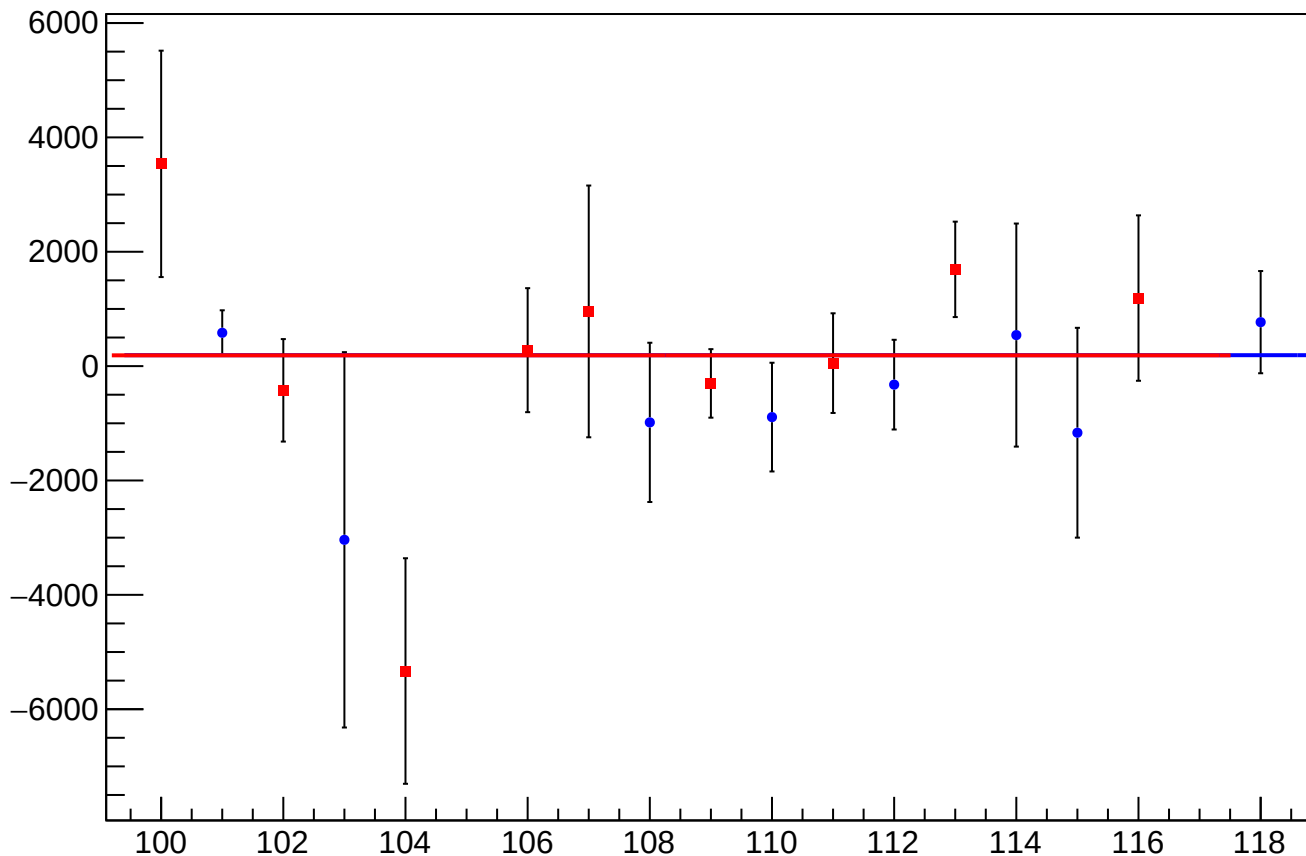
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2090.663 $\pm$ 0.587 χ^2 /NDF: 719216.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



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: 188.531+/-336.523 χ^2/NDF : 15.7/8

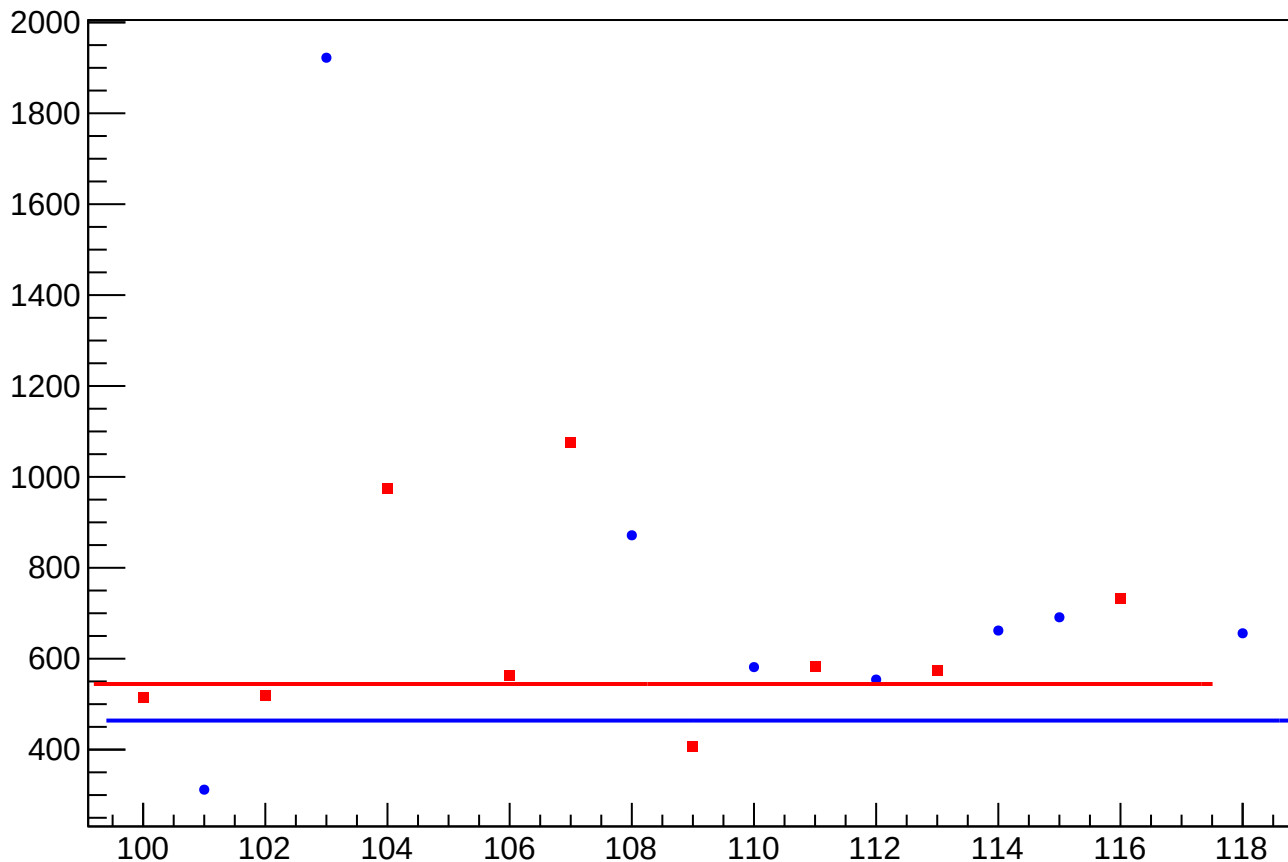
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.049+/-221.182 χ^2/NDF : 21.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



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: 544.337 $\pm$ 0.238 χ^2 /NDF: 359534.1/8

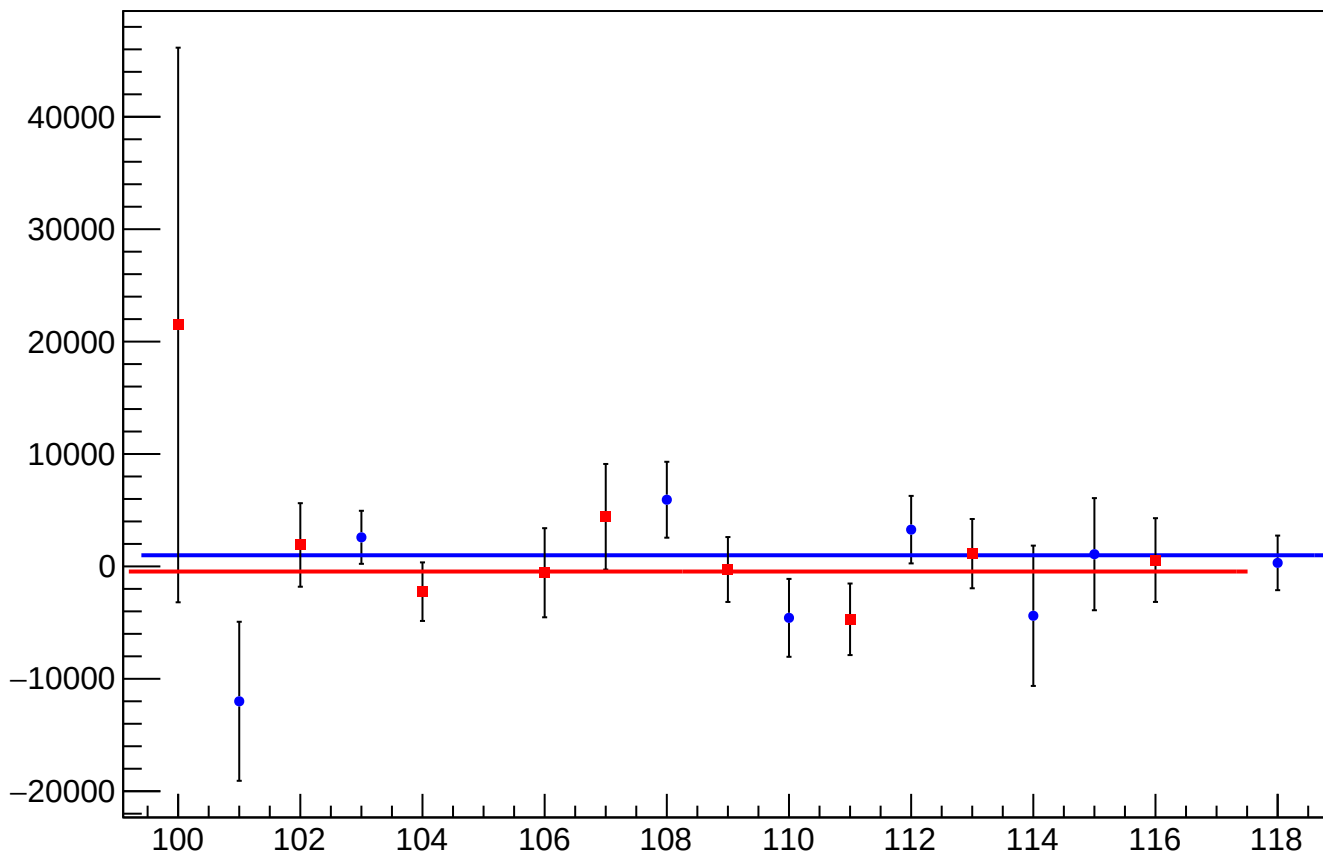
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 498.649 $\pm$ 0.156 χ^2 /NDF: 1489904.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -455.465+/-1173.270 χ^2/NDF : 4.9/8

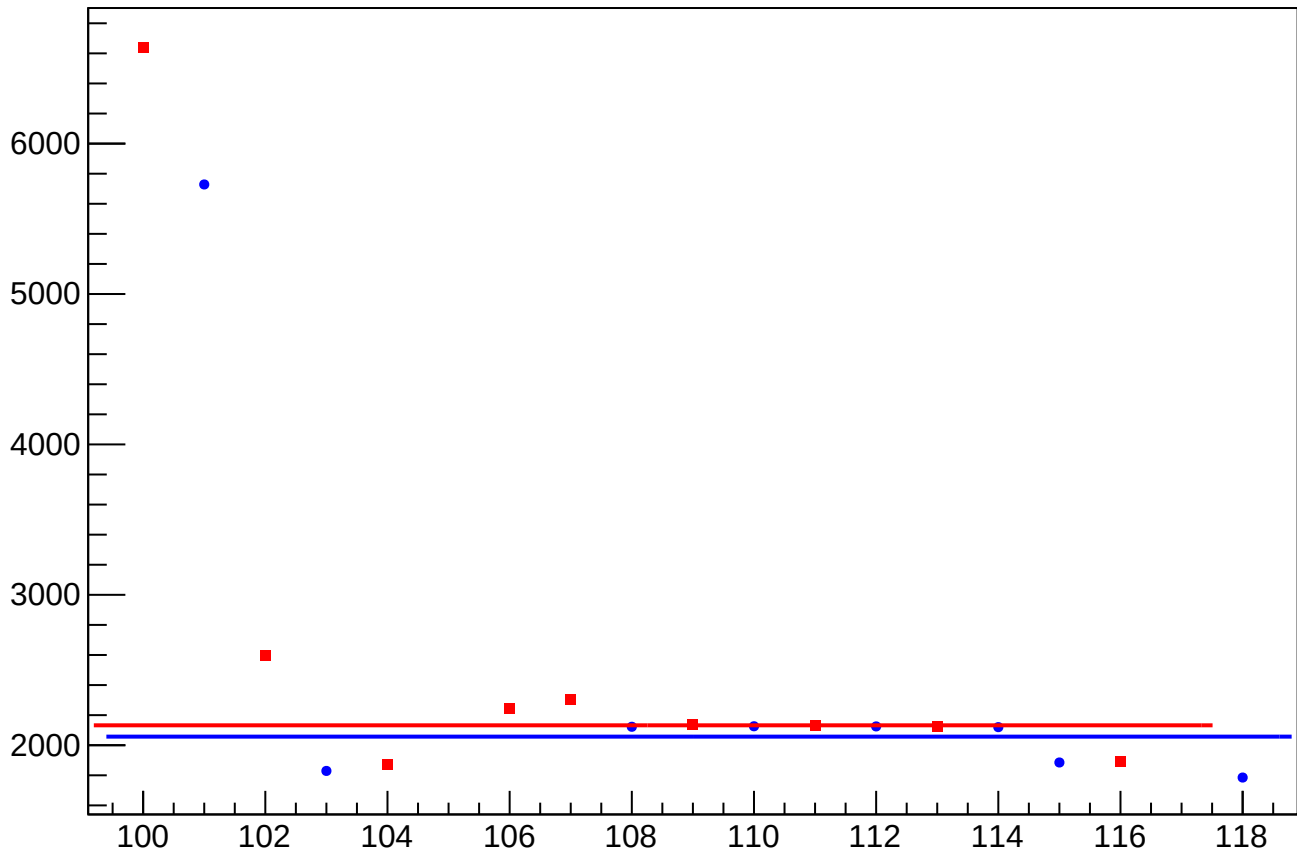
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.200+/-832.386 χ^2/NDF : 15.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2057.205 $\pm$ 0.835 χ^2 /NDF: 587552.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2132.392 $\pm$ 0.830 χ^2 /NDF: 130128.0/8

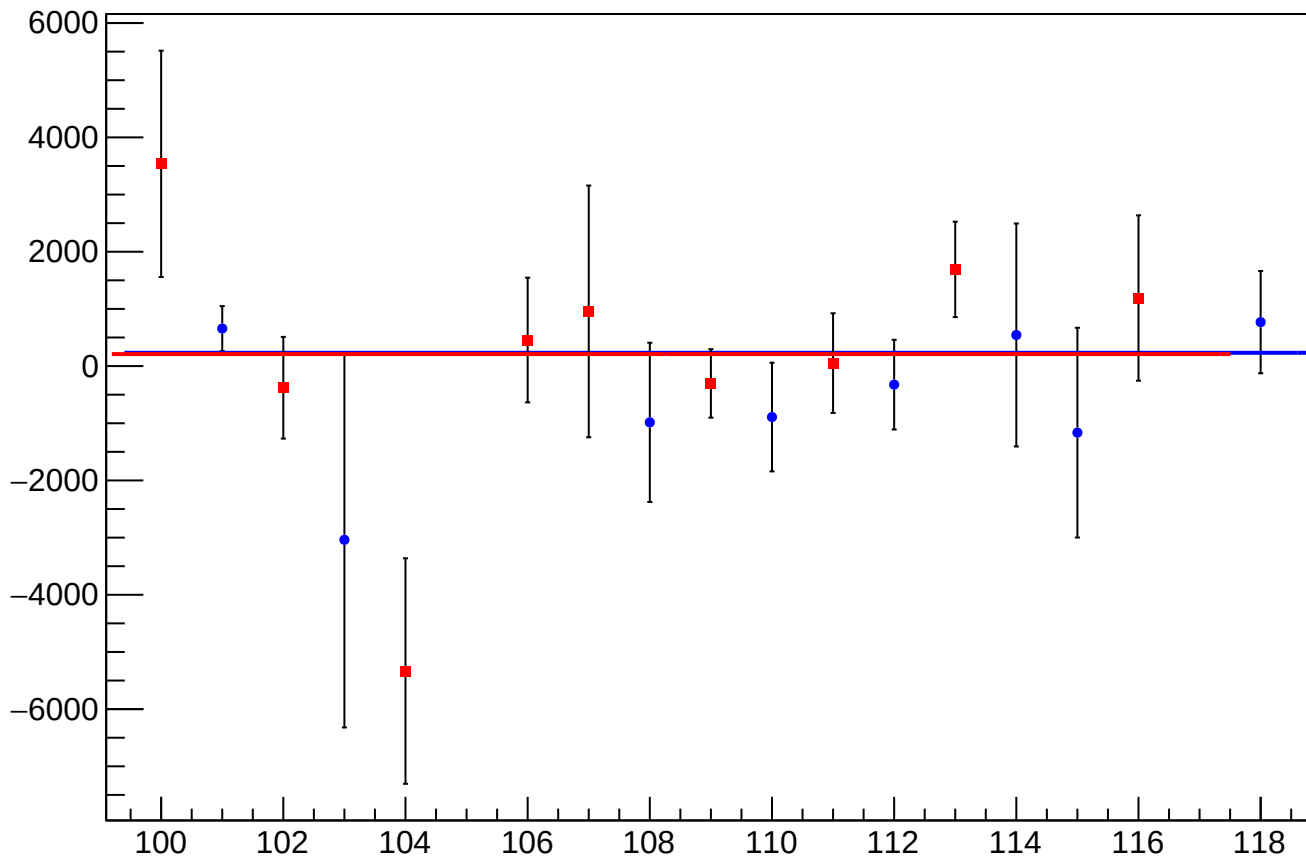
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2095.049 $\pm$ 0.589 χ^2 /NDF: 721759.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug



Right In: 232.637 $\pm$ 293.290 χ^2 /NDF: 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.958 $\pm$ 336.363 χ^2 /NDF: 15.7/8

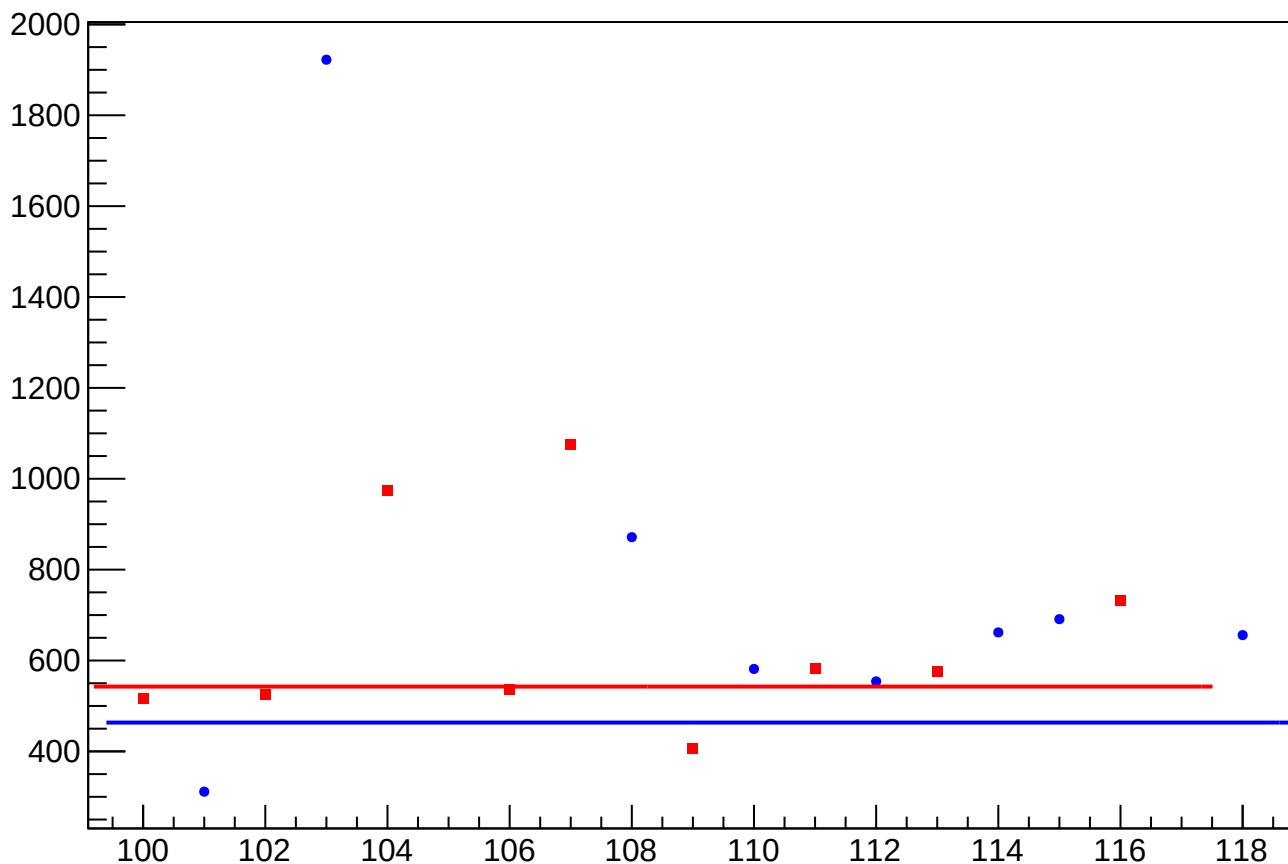
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 222.842 $\pm$ 221.057 χ^2 /NDF: 21.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



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: 542.661+/-0.238 χ^2/NDF : 358139.9/8

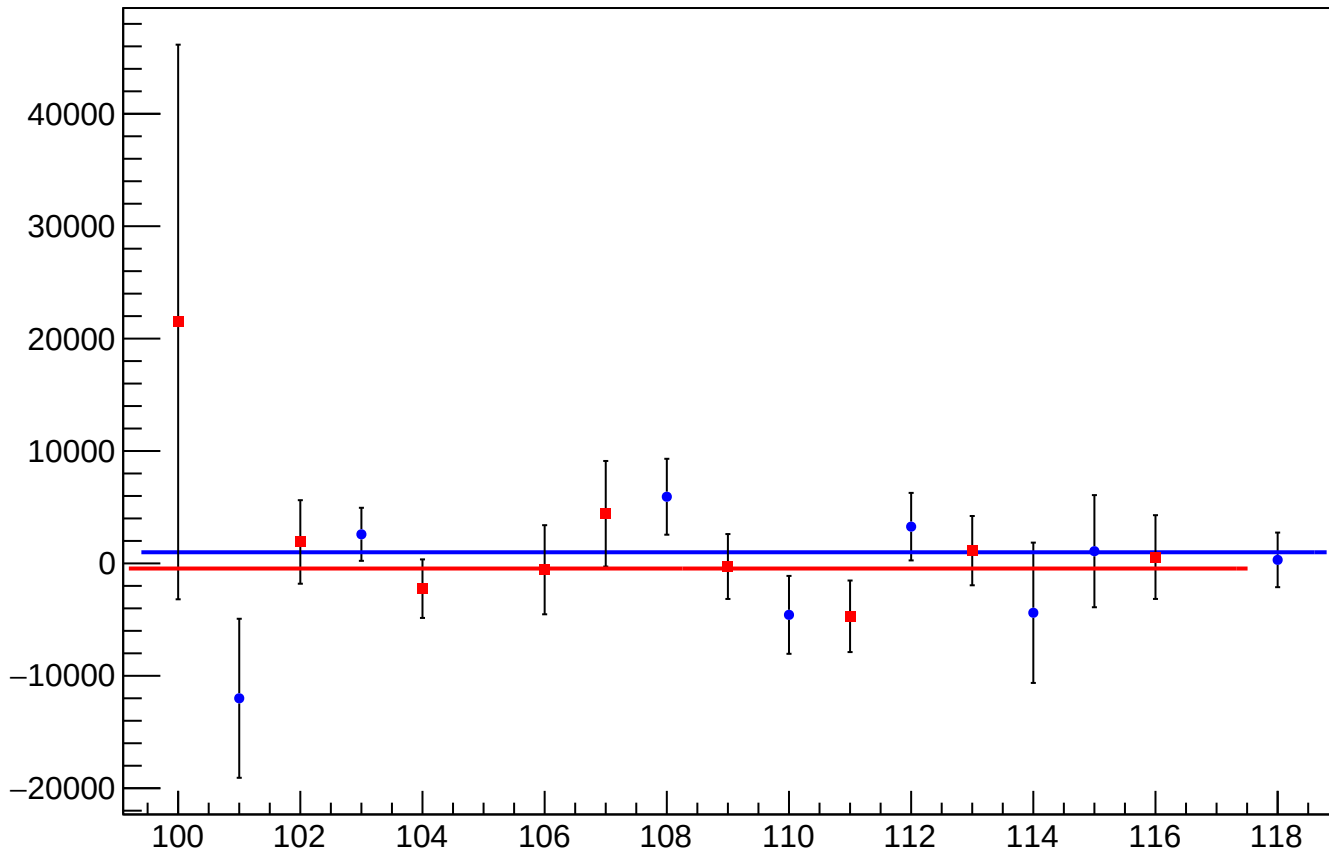
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.653+/-0.156 χ^2/NDF : 1489185.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -455.465+/-1173.270 χ^2/NDF : 4.9/8

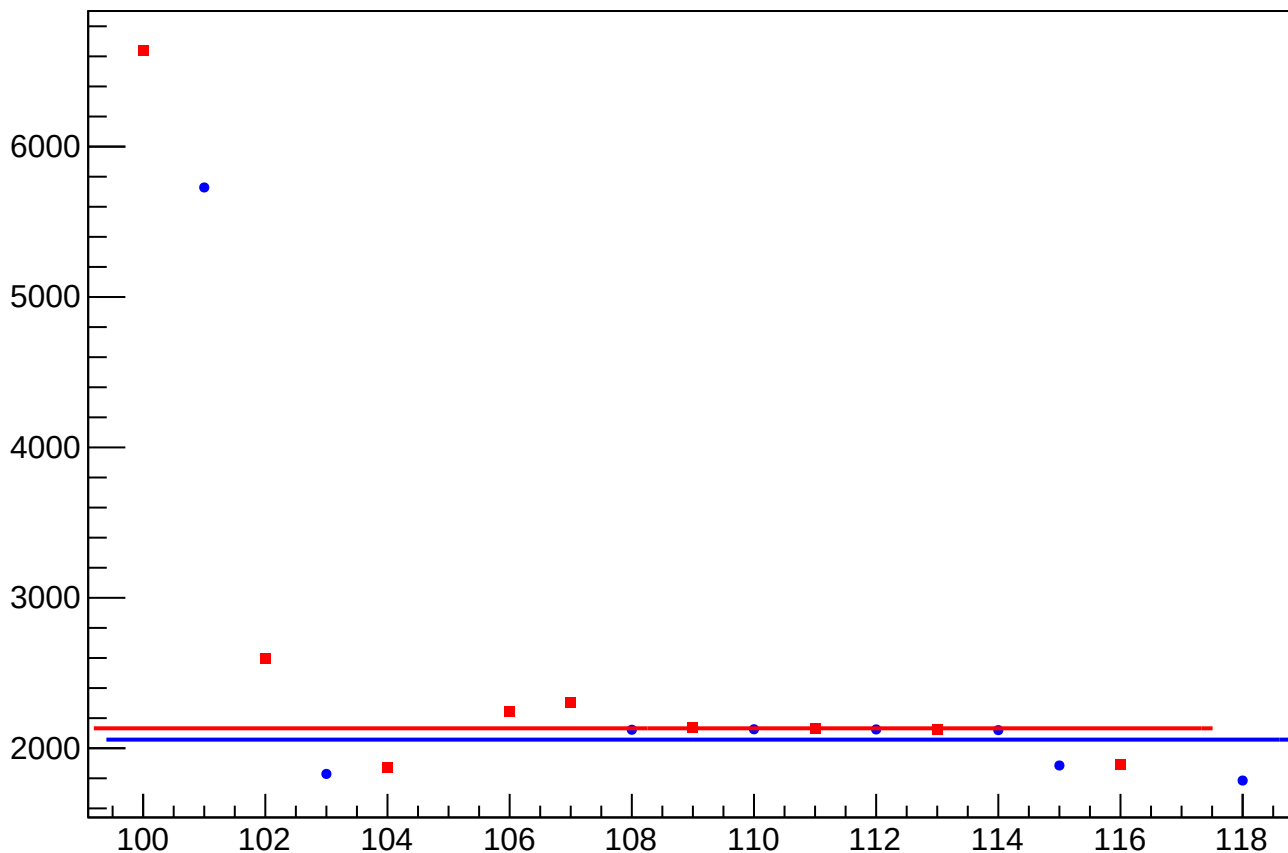
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 263.200+/-832.386 χ^2/NDF : 15.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2057.205 $\pm$ 0.835 χ^2 /NDF: 587552.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2132.392 $\pm$ 0.830 χ^2 /NDF: 130128.0/8

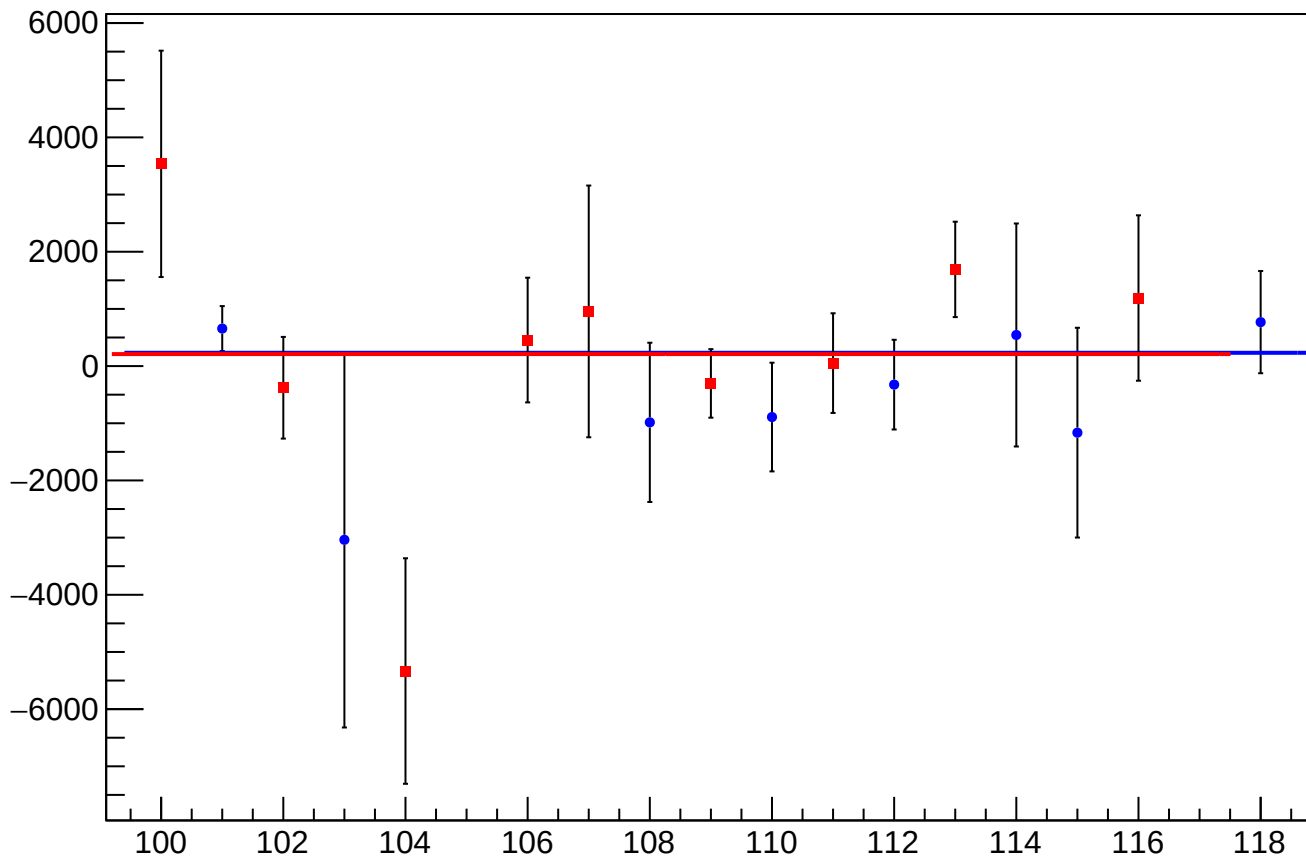
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2095.049 $\pm$ 0.589 χ^2 /NDF: 721759.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 232.637 $\pm$ 293.290 χ^2 /NDF: 5.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.958 $\pm$ 336.363 χ^2 /NDF: 15.7/8

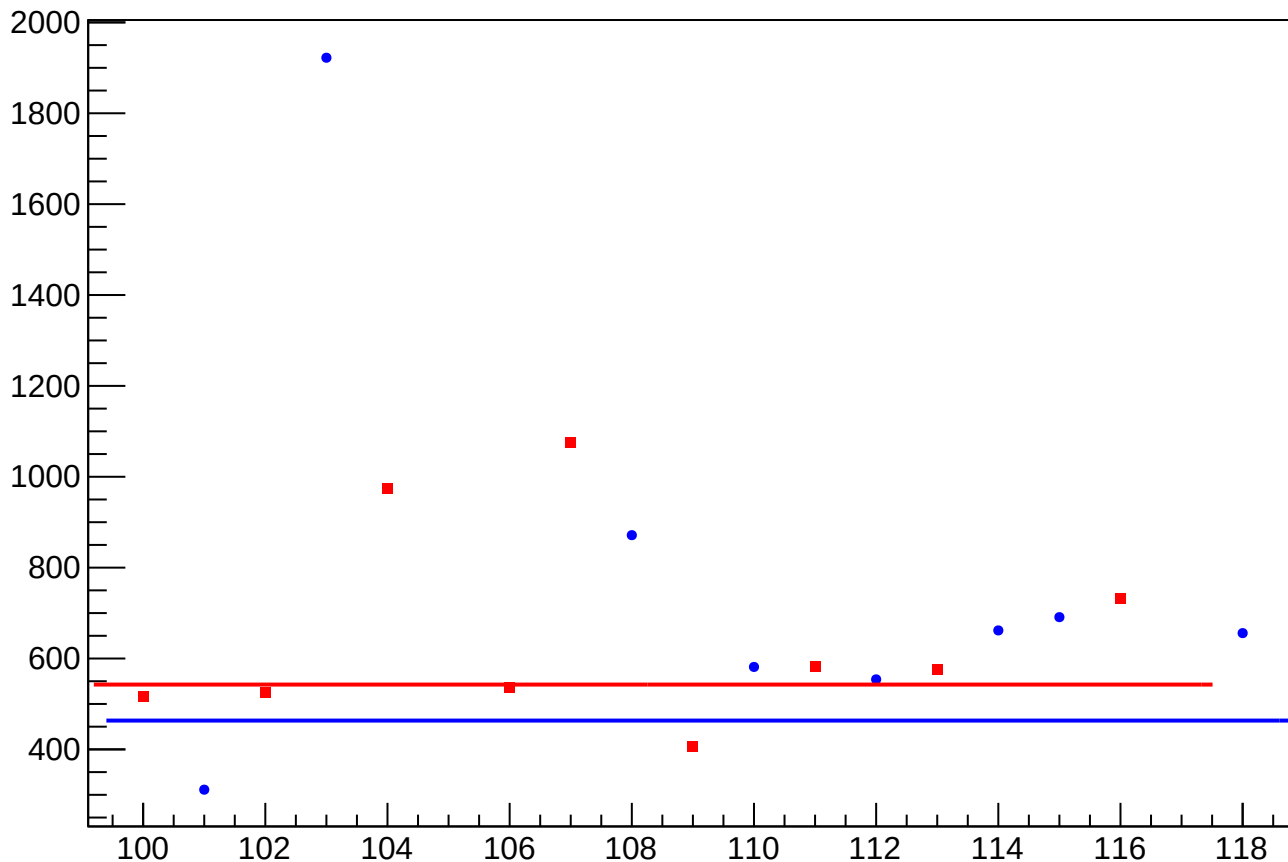
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 222.842 $\pm$ 221.057 χ^2 /NDF: 21.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



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: 542.661+/-0.238 χ^2/NDF : 358139.9/8

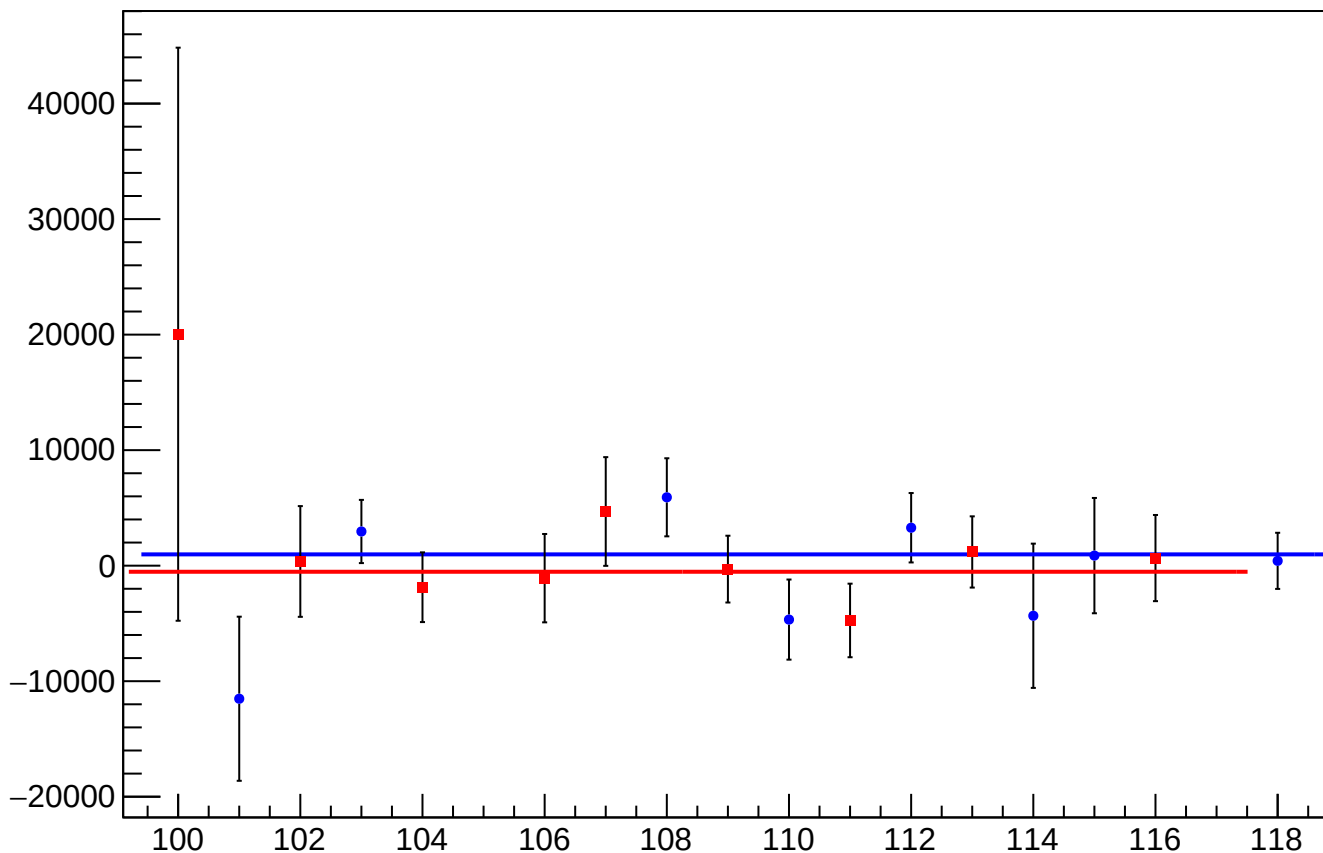
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 497.653+/-0.156 χ^2/NDF : 1489185.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -527.226+/-1227.317 χ^2/NDF : 4.3/8

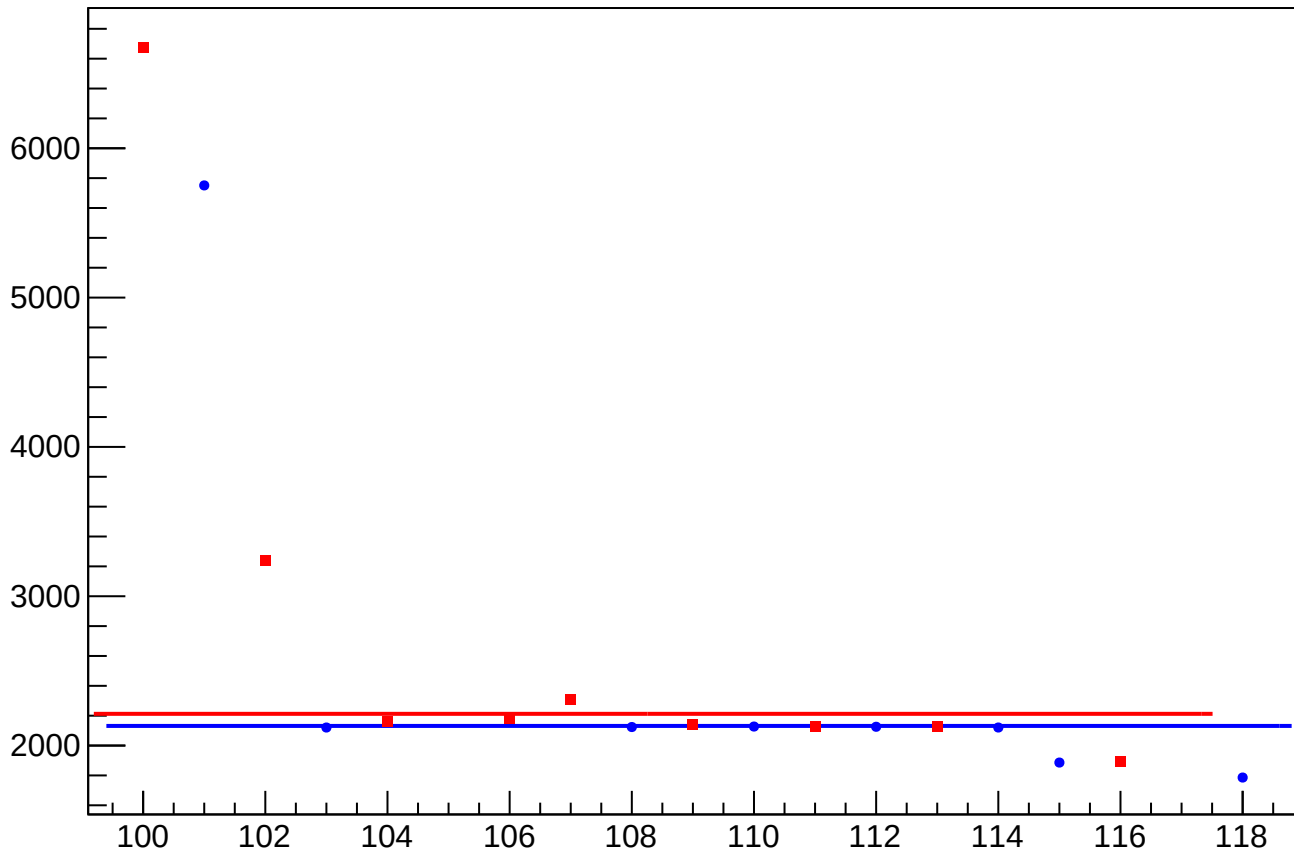
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.825+/-865.772 χ^2/NDF : 14.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



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: 2212.509+/-0.868 χ^2/NDF : 176327.4/8

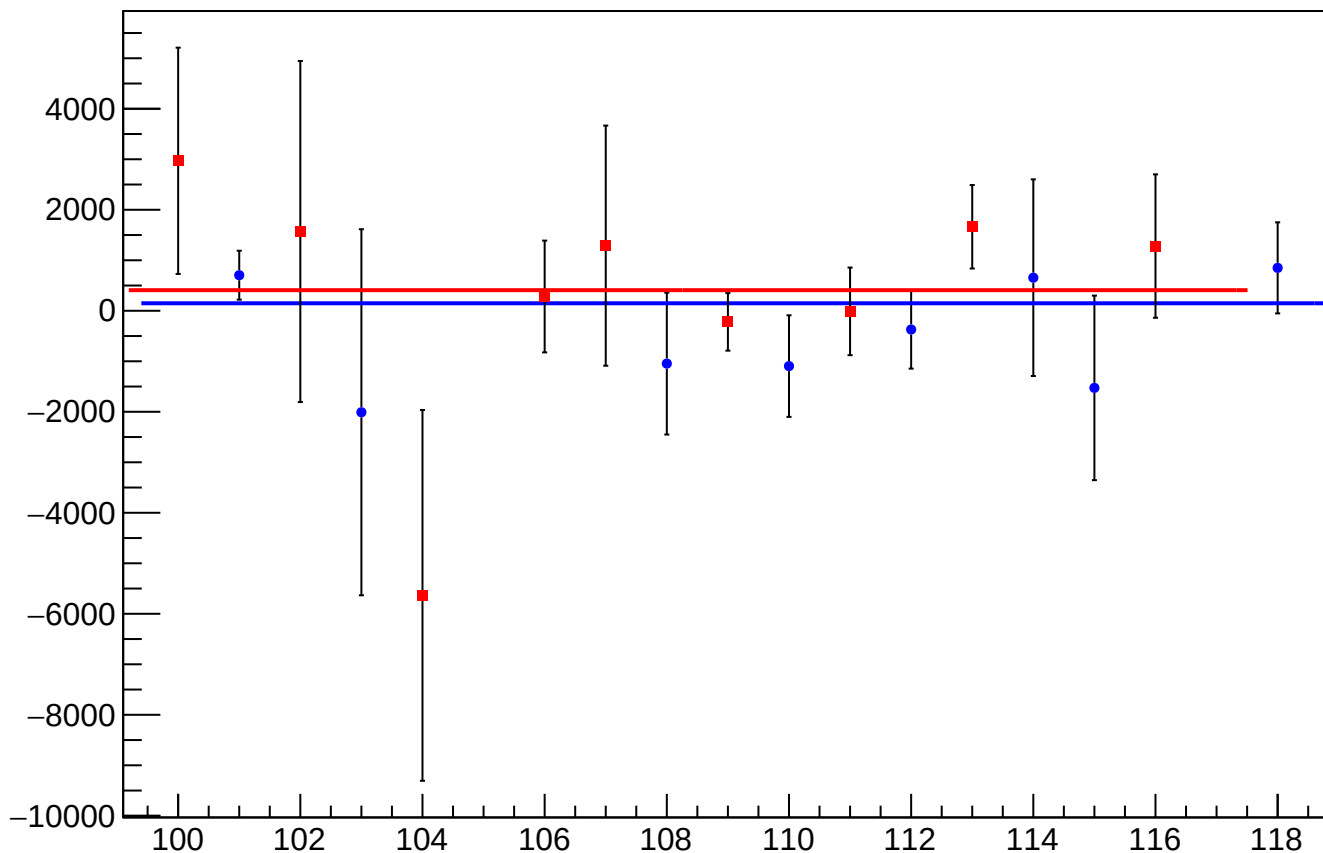
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2171.822+/-0.612 χ^2/NDF : 745441.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 148.740 $\pm$ 328.021 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.866 $\pm$ 359.898 χ^2 /NDF: 8.4/8

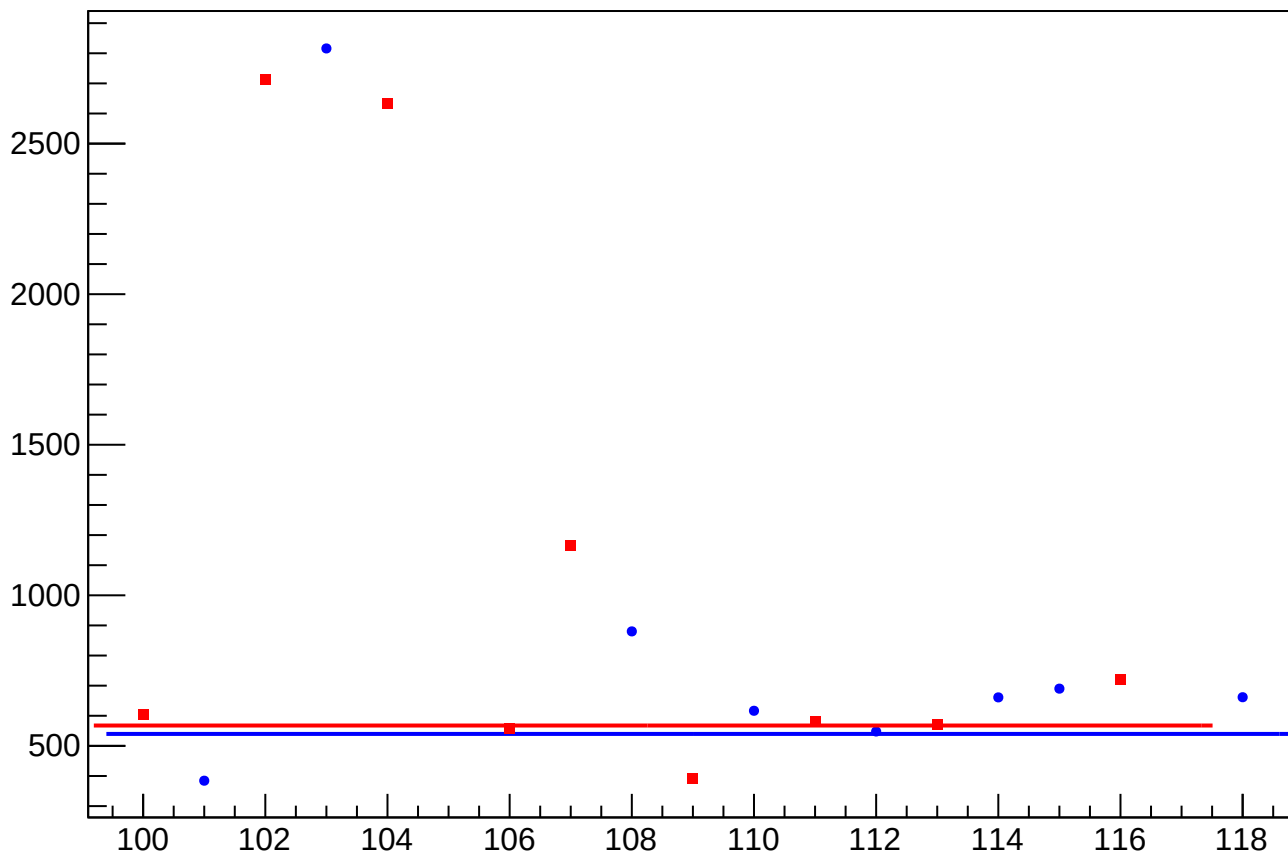
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.321 $\pm$ 242.434 χ^2 /NDF: 14.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



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: 567.602+/-0.254 χ^2/NDF : 1782894.7/8

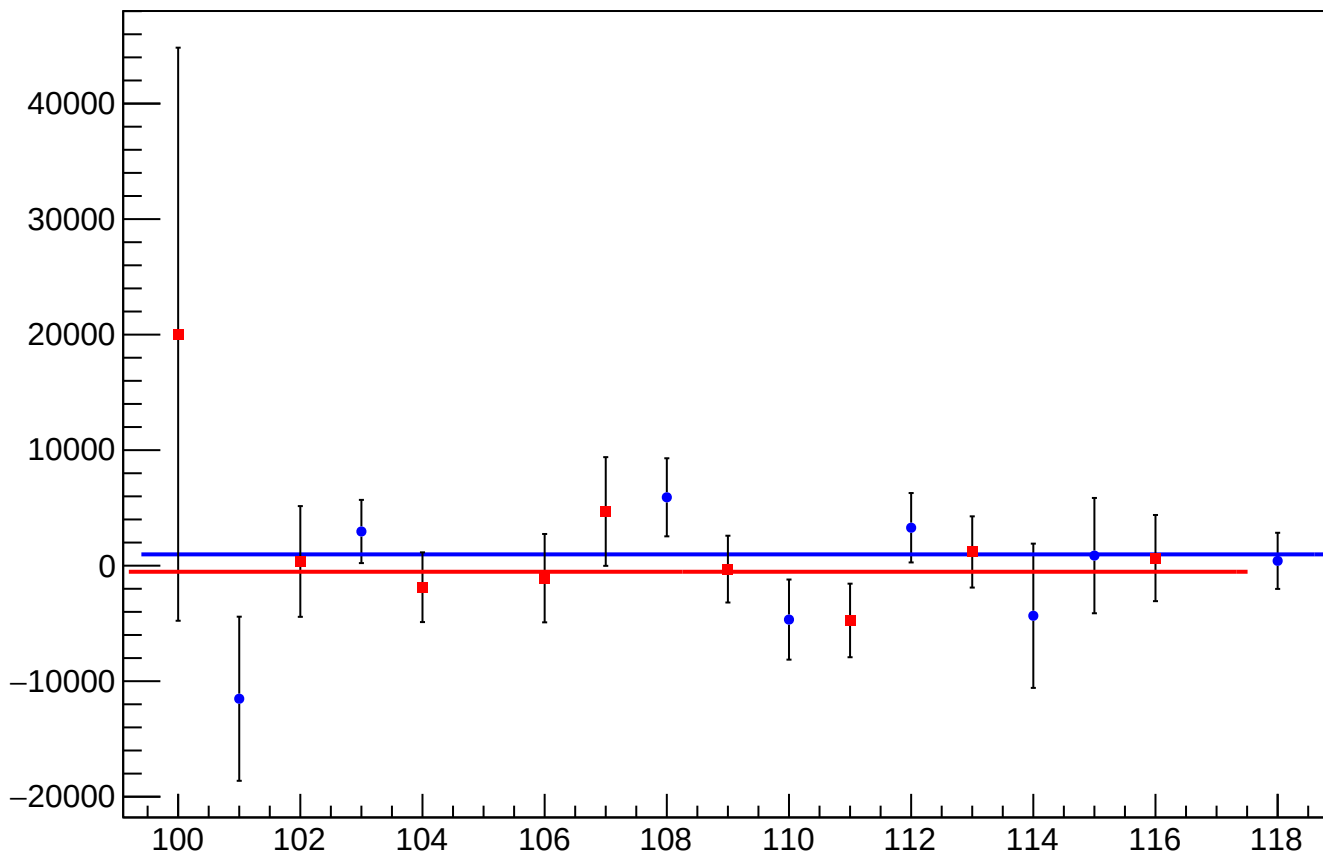
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.363+/-0.171 χ^2/NDF : 2971487.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -527.231+/-1227.317 χ^2/NDF : 4.3/8

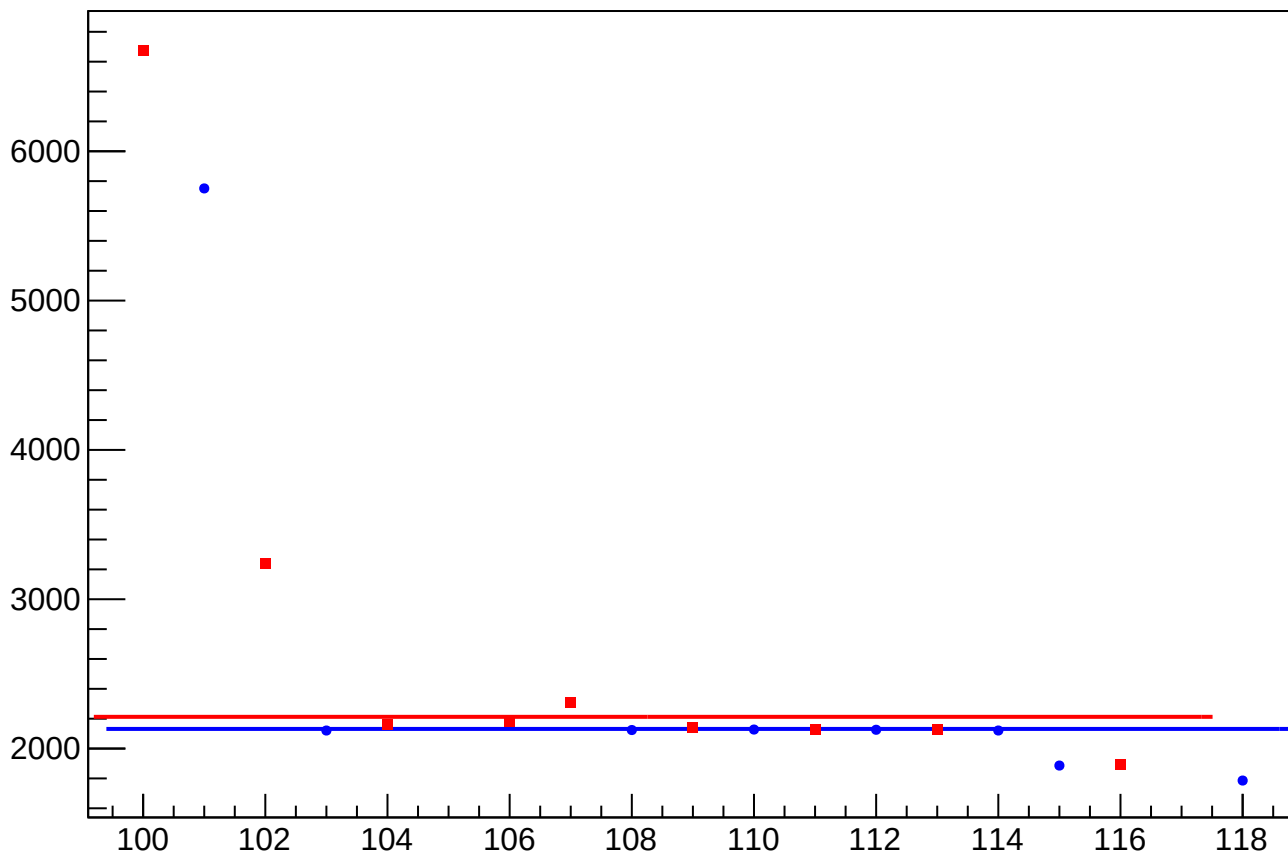
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.824+/-865.771 χ^2/NDF : 14.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



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: 2212.509+/-0.868 χ^2/NDF : 176327.0/8

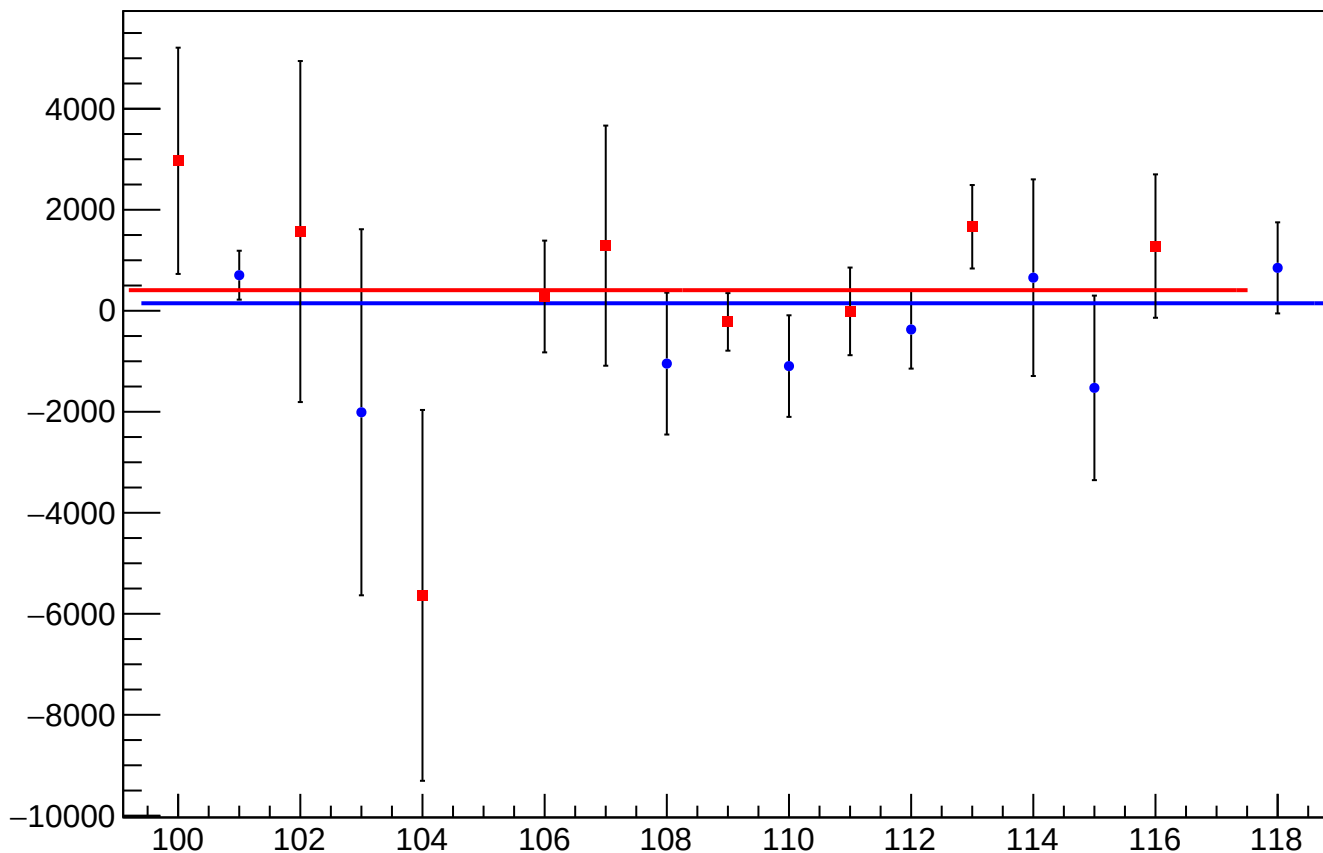
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2171.821+/-0.612 χ^2/NDF : 745441.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 148.738 $\pm$ 328.020 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 407.863 $\pm$ 359.896 χ^2 /NDF: 8.4/8

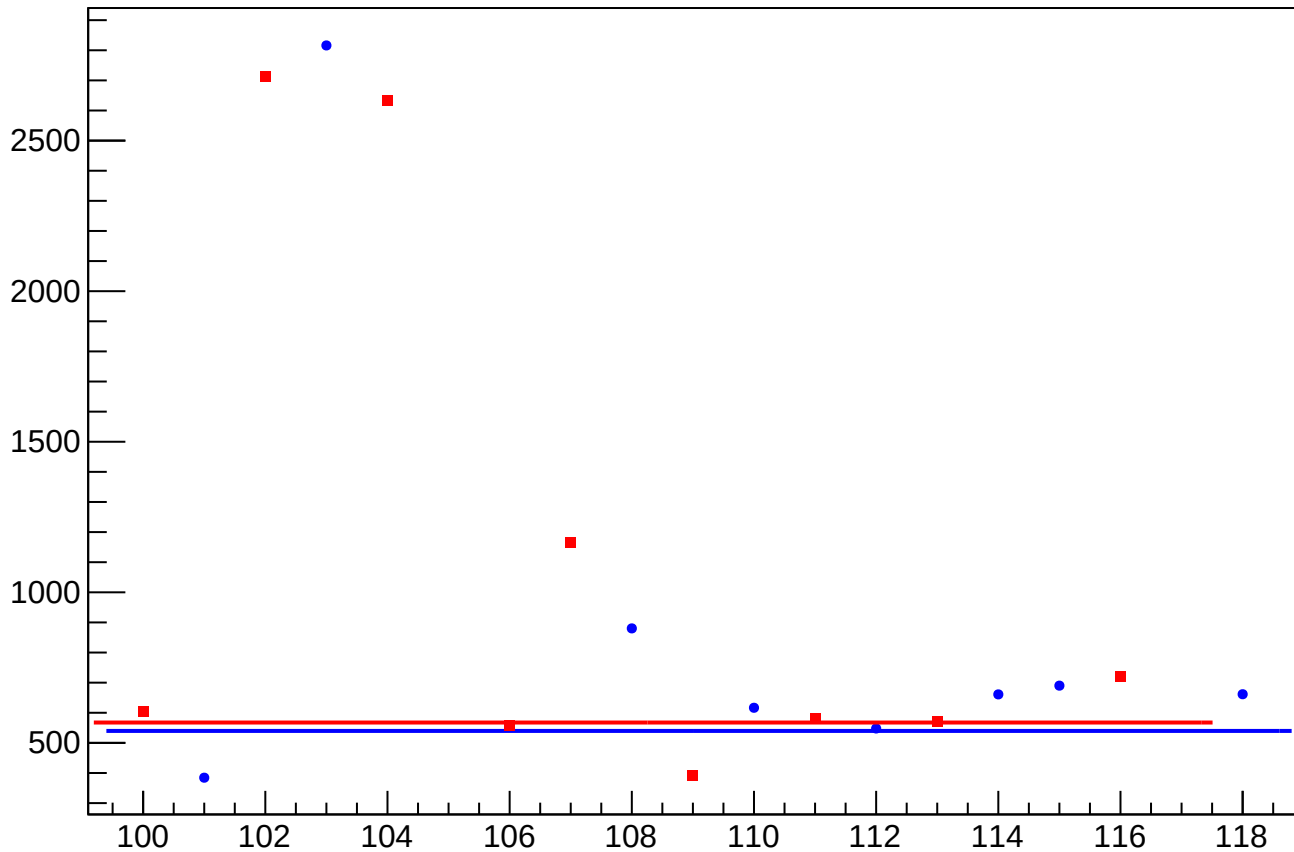
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 266.320 $\pm$ 242.433 χ^2 /NDF: 14.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 539.701 $\pm$ 0.232 χ^2 /NDF: 1182021.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 567.598 $\pm$ 0.254 χ^2 /NDF: 1782910.2/8

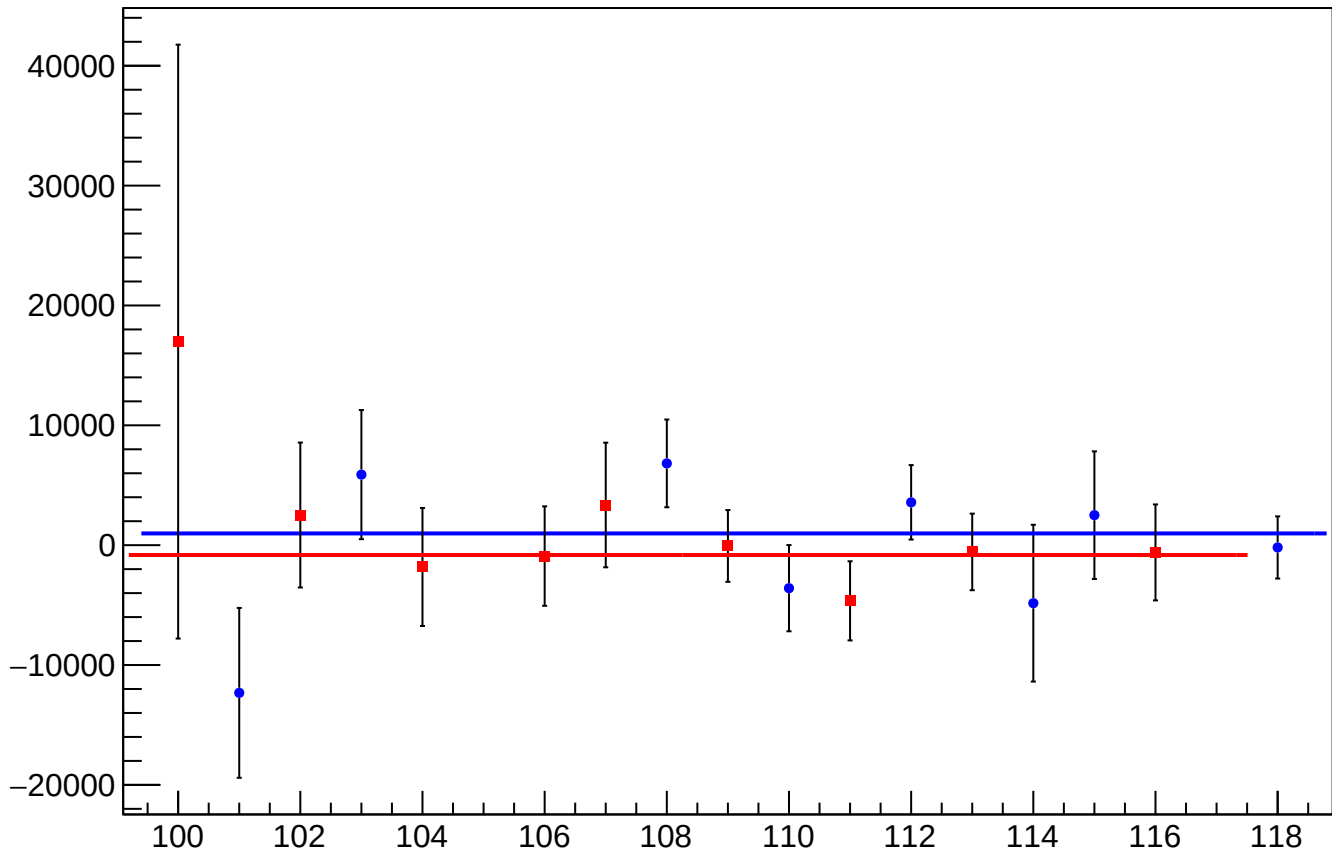
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 552.360 $\pm$ 0.171 χ^2 /NDF: 2971495.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



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: -820.211+/-1375.008 χ^2/NDF : 2.9/8

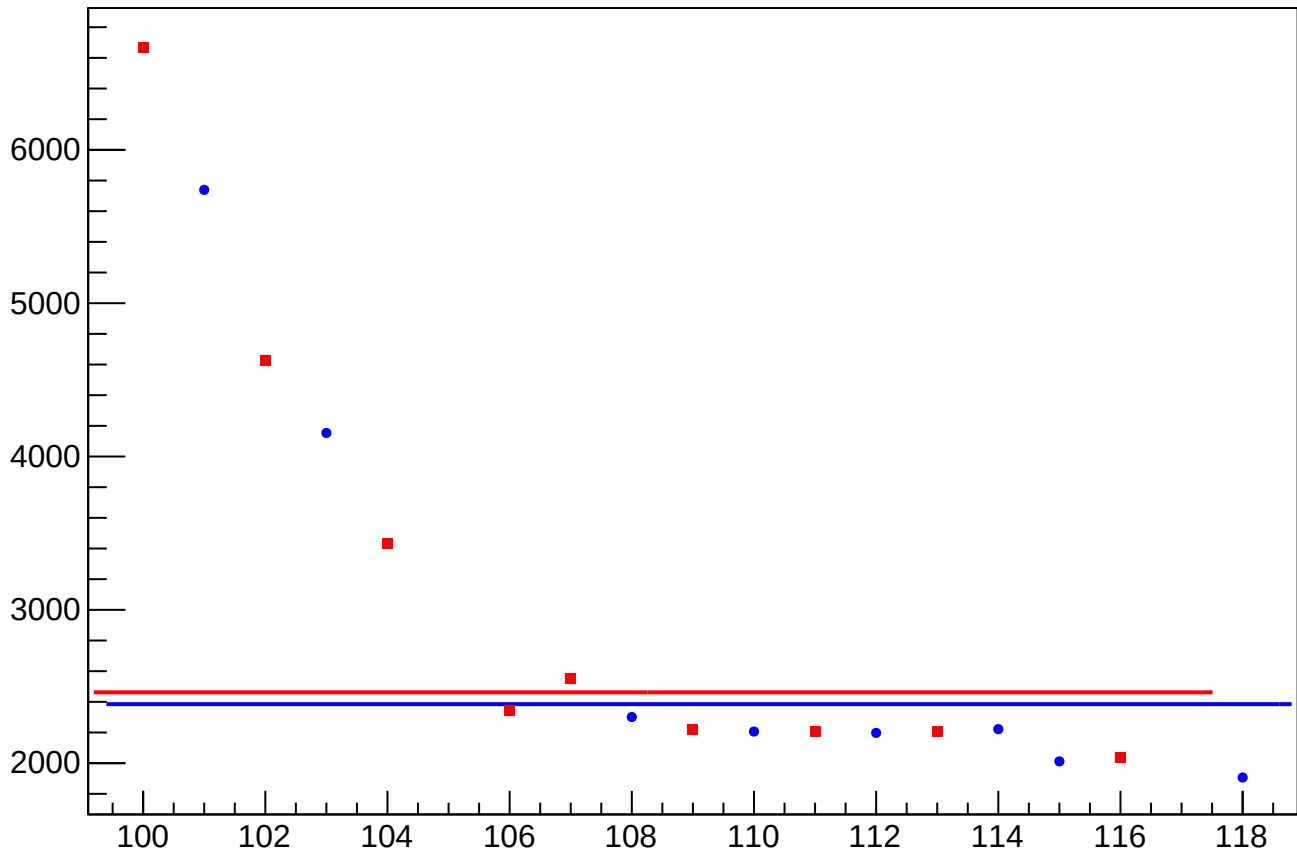
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.832+/-977.602 χ^2/NDF : 14.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



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: 2462.150+/-0.972 χ^2/NDF : 454647.4/8

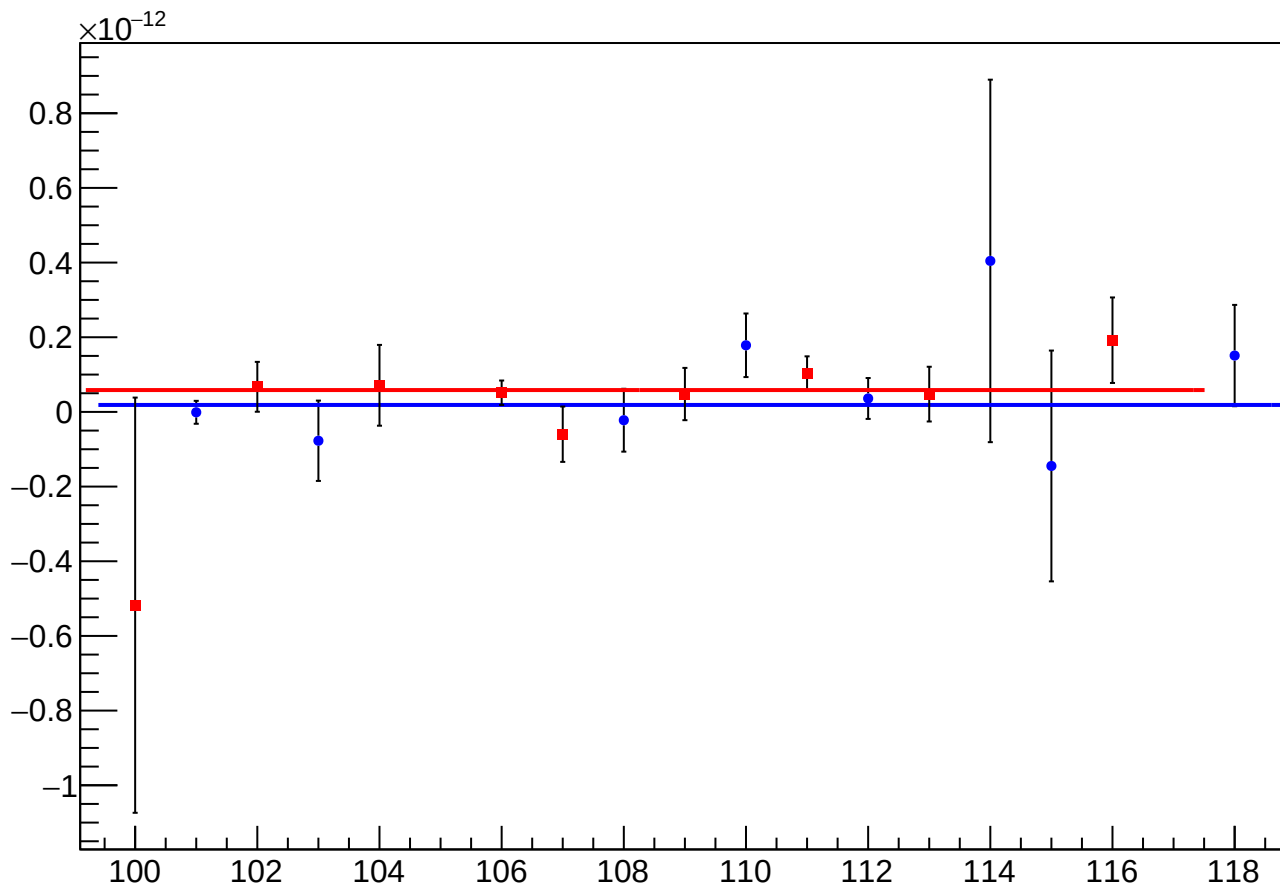
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2423.998+/-0.691 χ^2/NDF : 1213769.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug



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 : 6.0/8

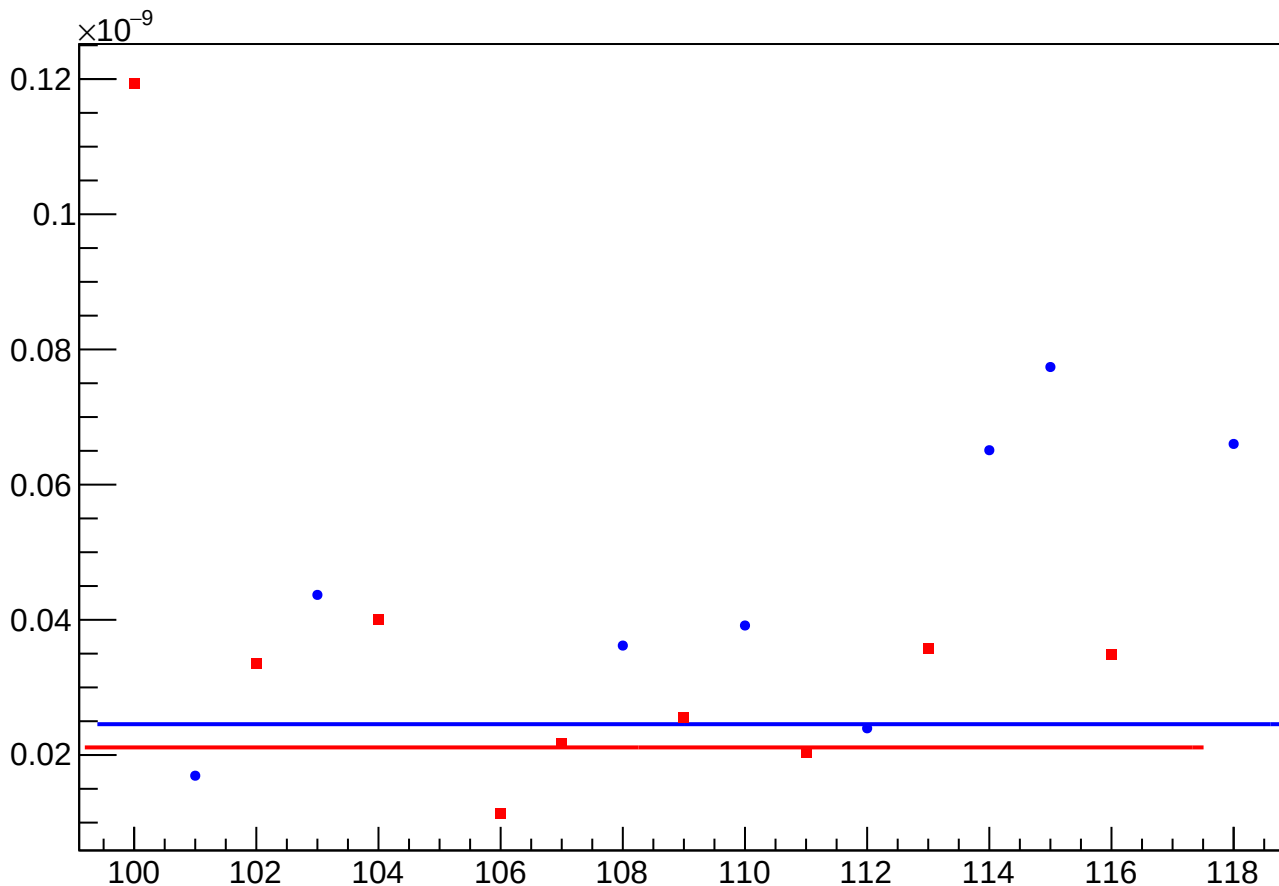
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 542664.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 488077.7/8

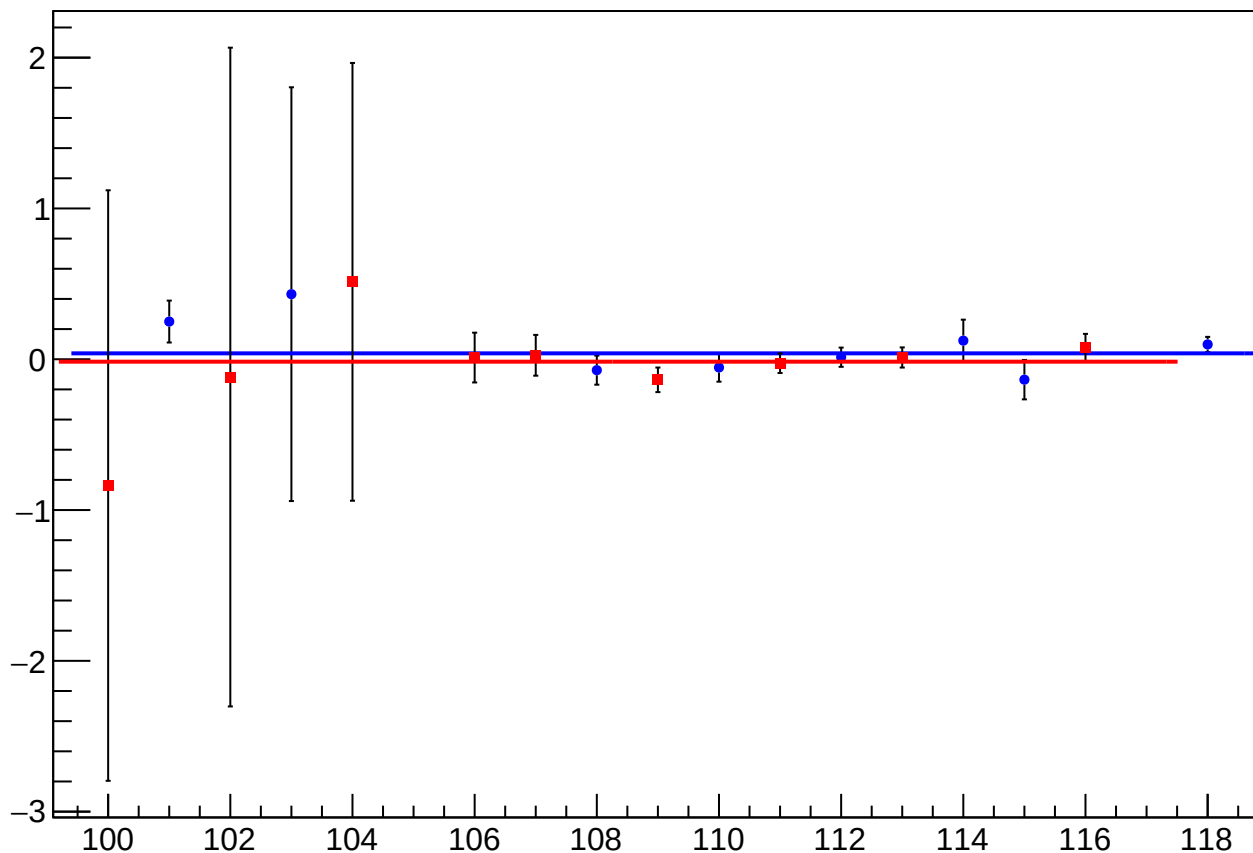
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1055106.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug



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: -0.016+/-0.035 χ^2/NDF : 3.8/8

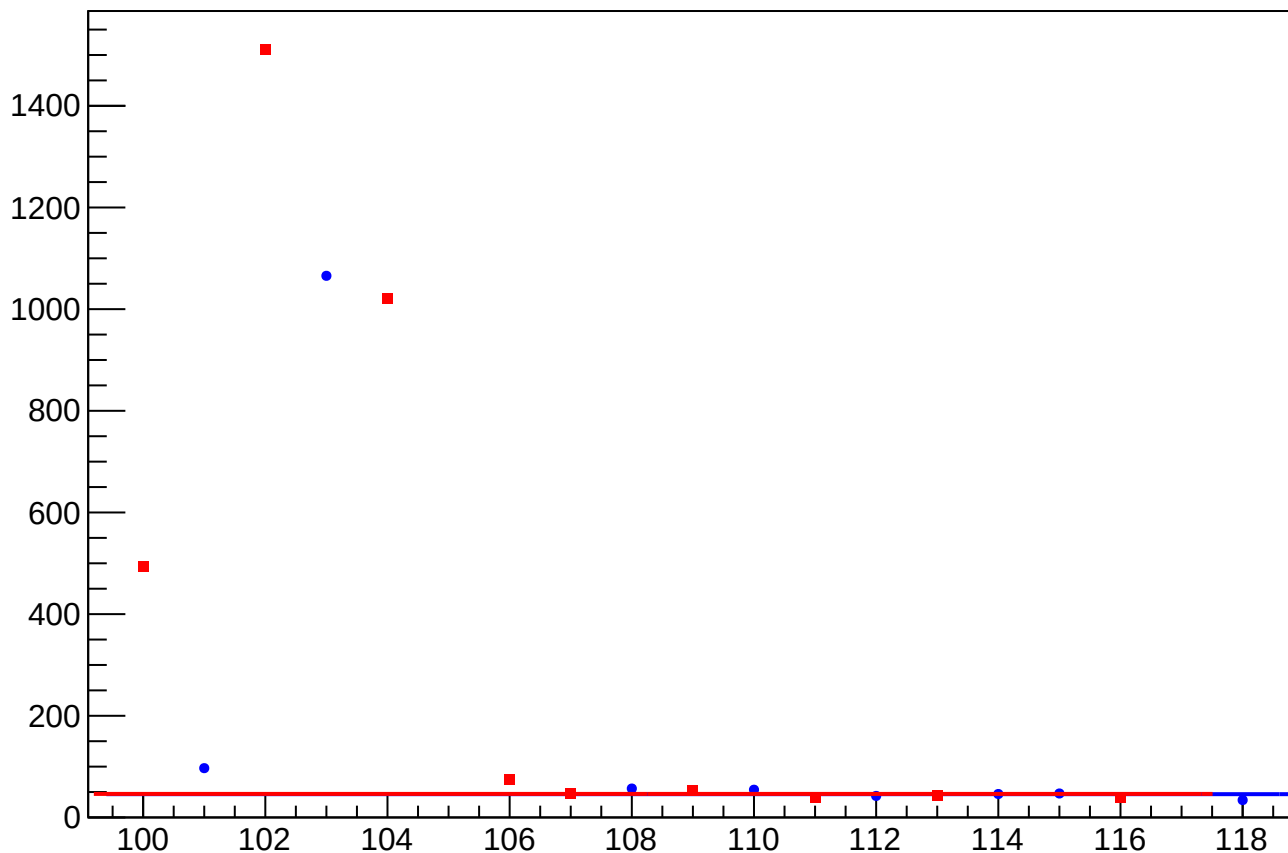
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.023 χ^2/NDF : 13.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 45.810 $\pm$ 0.022 χ^2 /NDF: 1533479.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 46.308 $\pm$ 0.025 χ^2 /NDF: 2013777.0/8

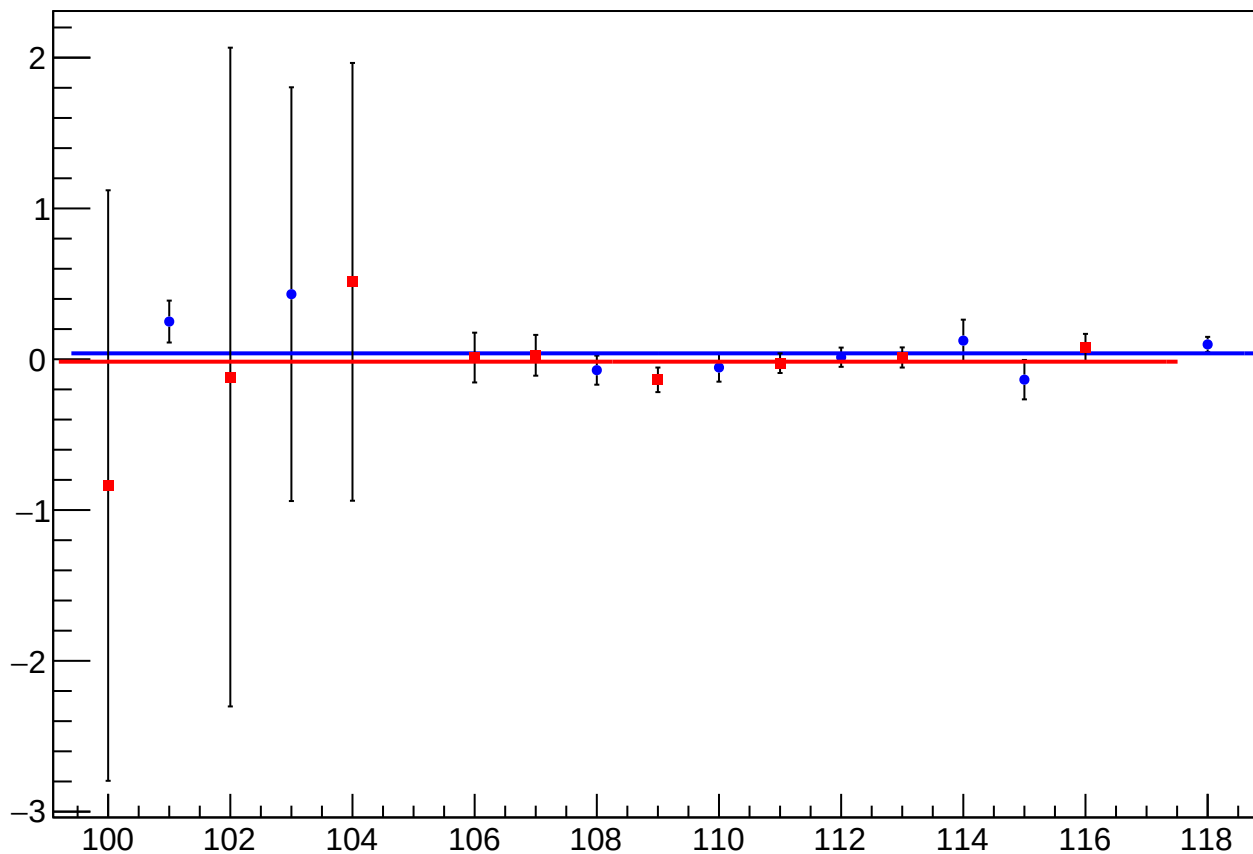
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.031 $\pm$ 0.016 χ^2 /NDF: 3547482.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.031 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 3.8/8

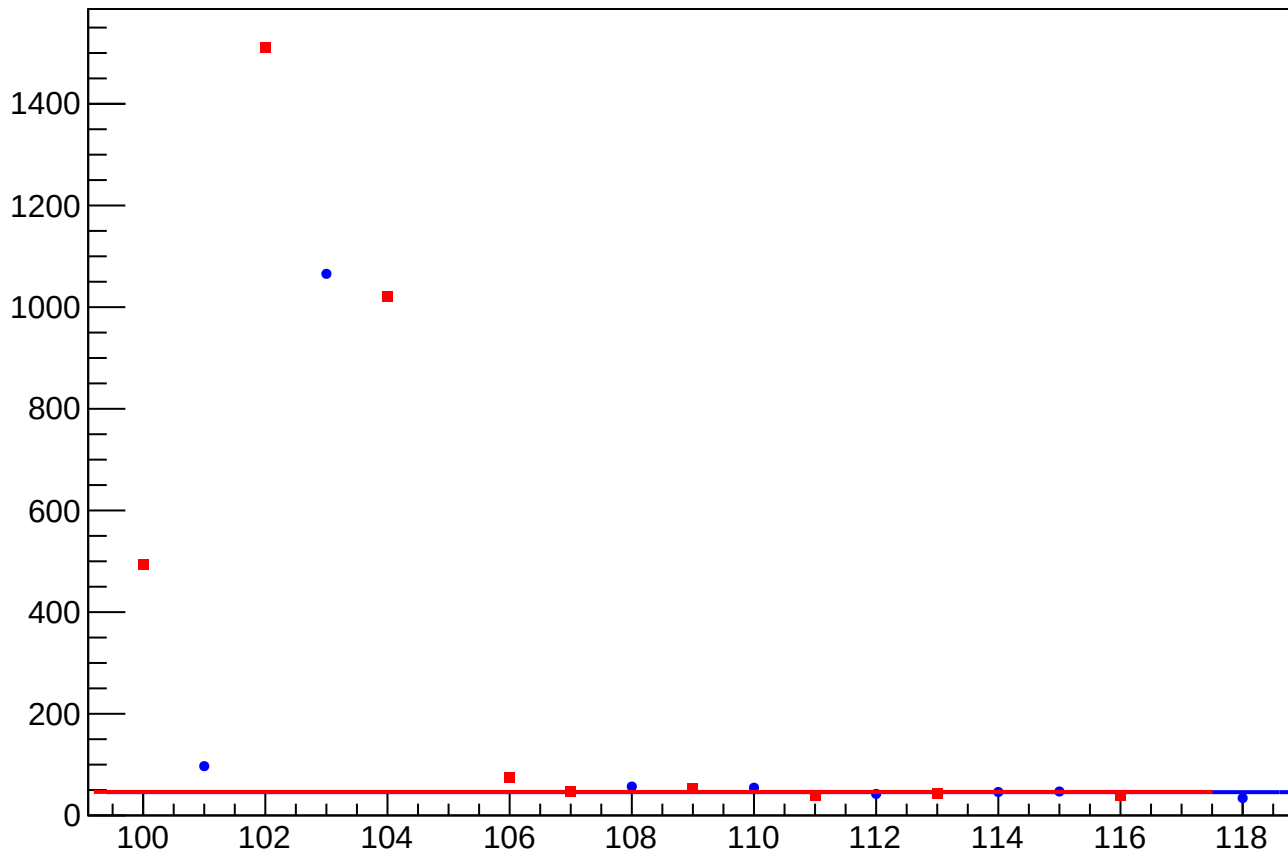
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.023 χ^2 /NDF: 13.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 46.308+/-0.025 χ^2/NDF : 2013777.0/8

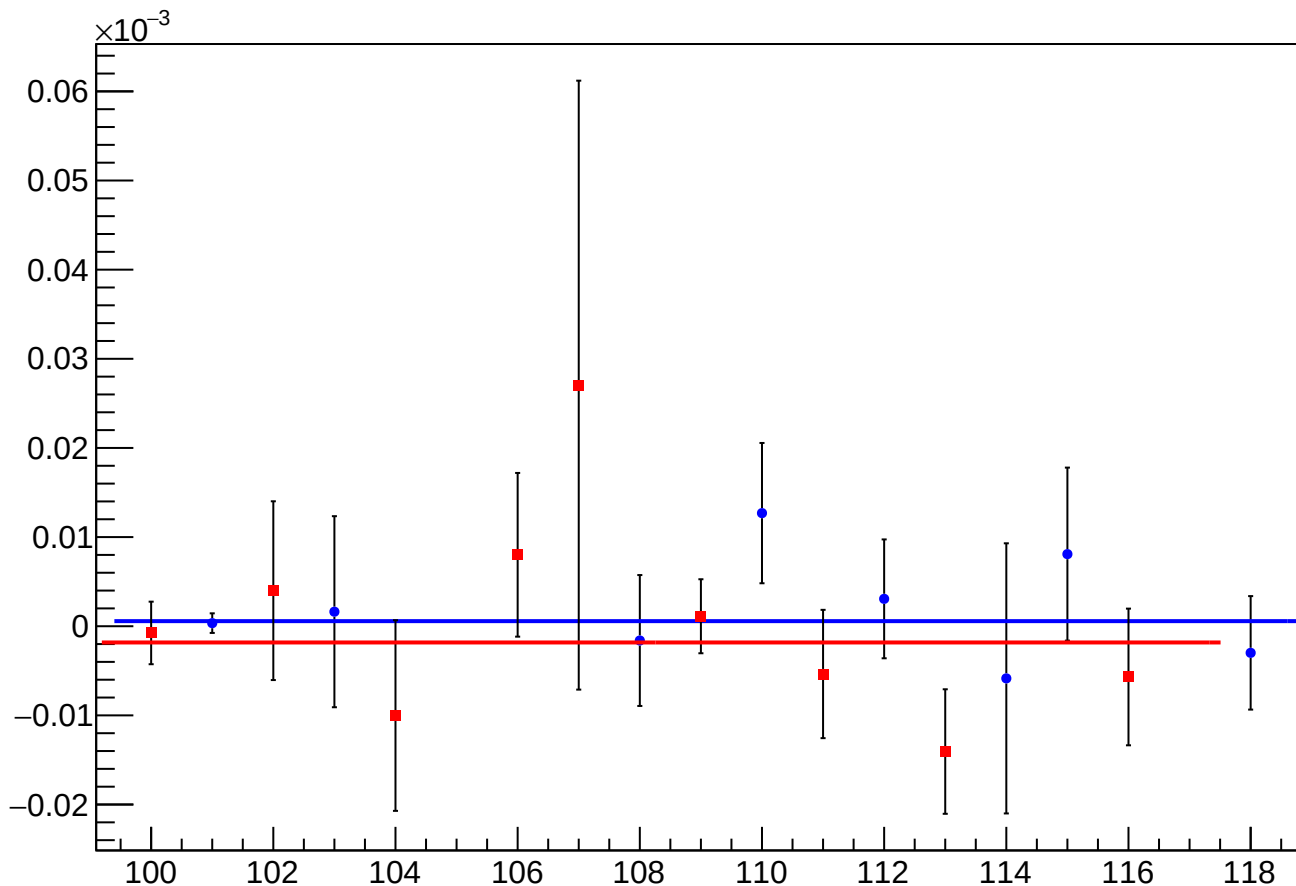
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.031+/-0.016 χ^2/NDF : 3547482.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 6.9/8

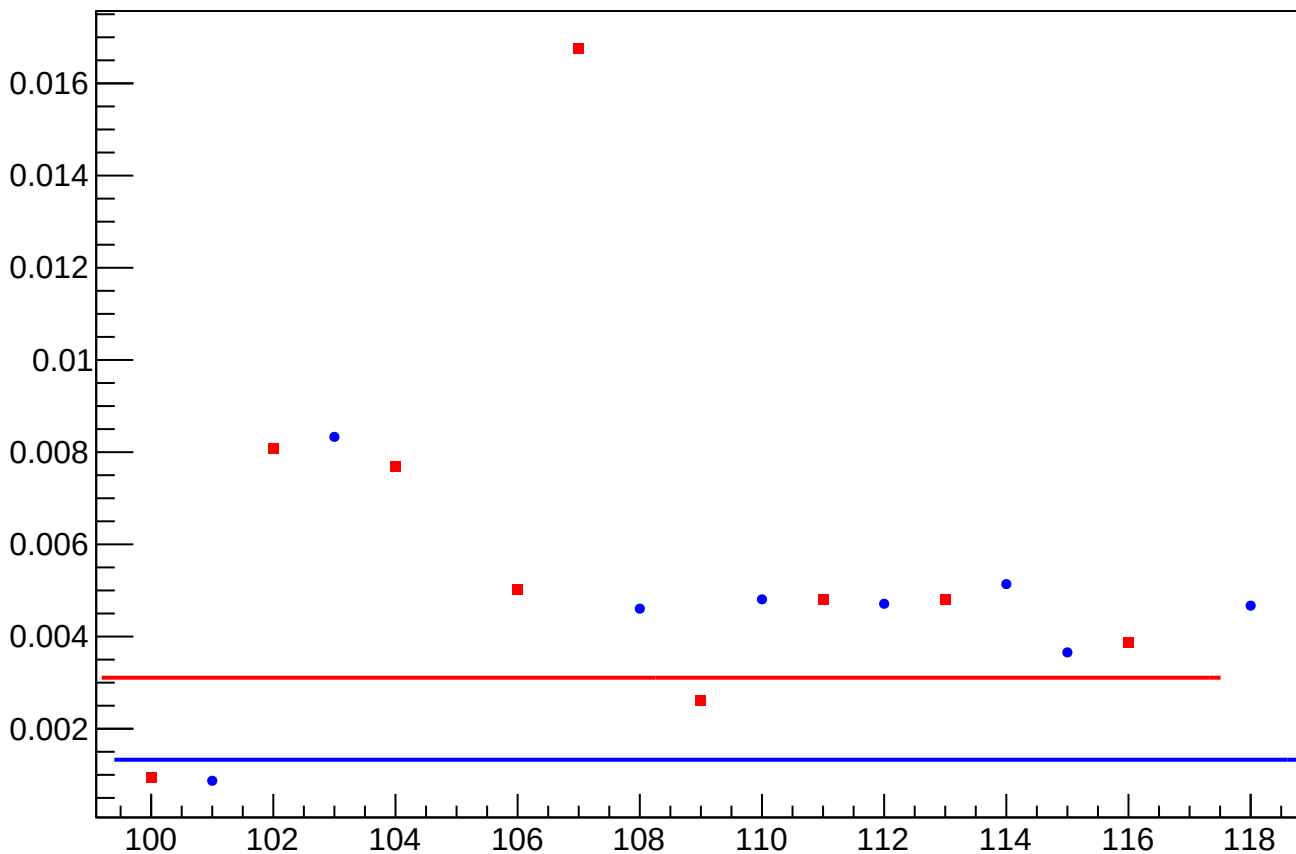
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2302842.3/8

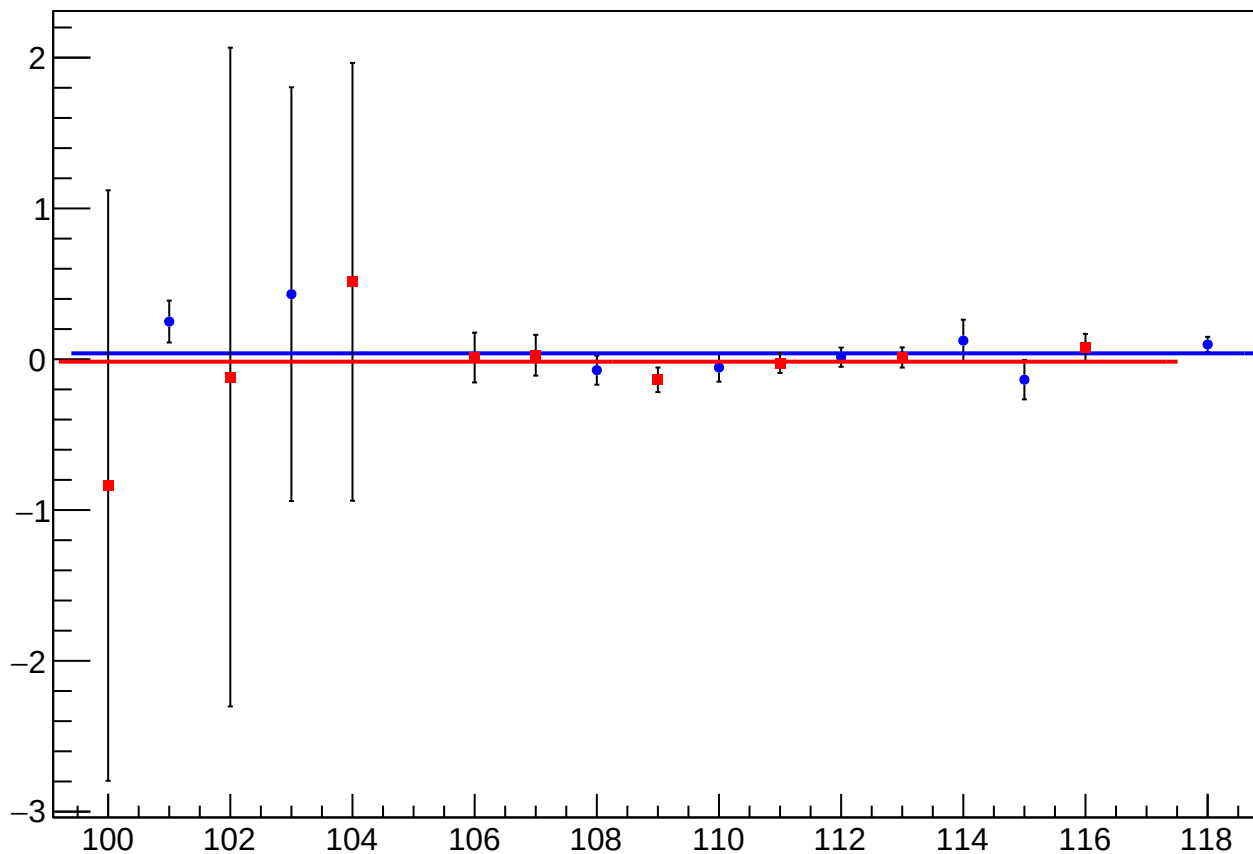
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6756529.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.031 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 3.8/8

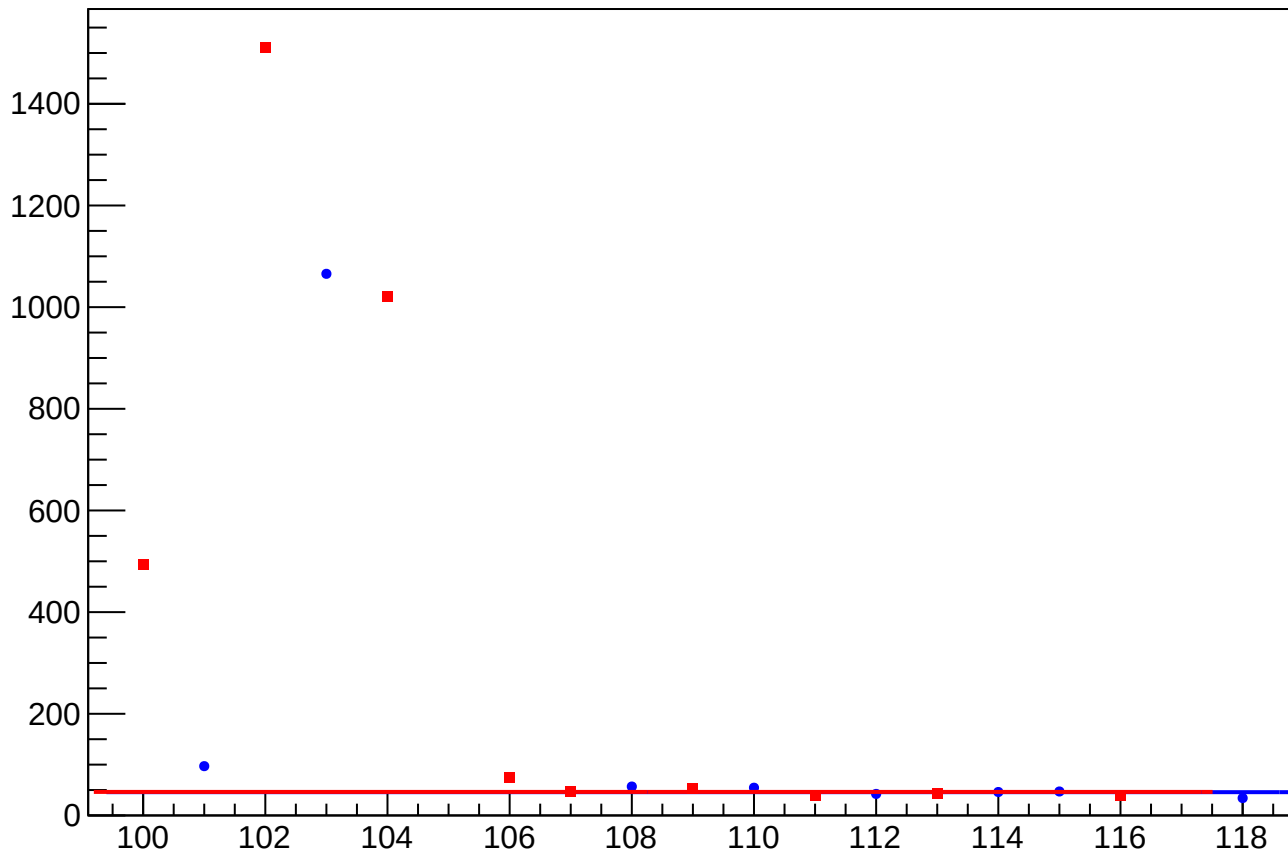
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.023 χ^2 /NDF: 13.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 46.308+/-0.025 χ^2/NDF : 2013765.5/8

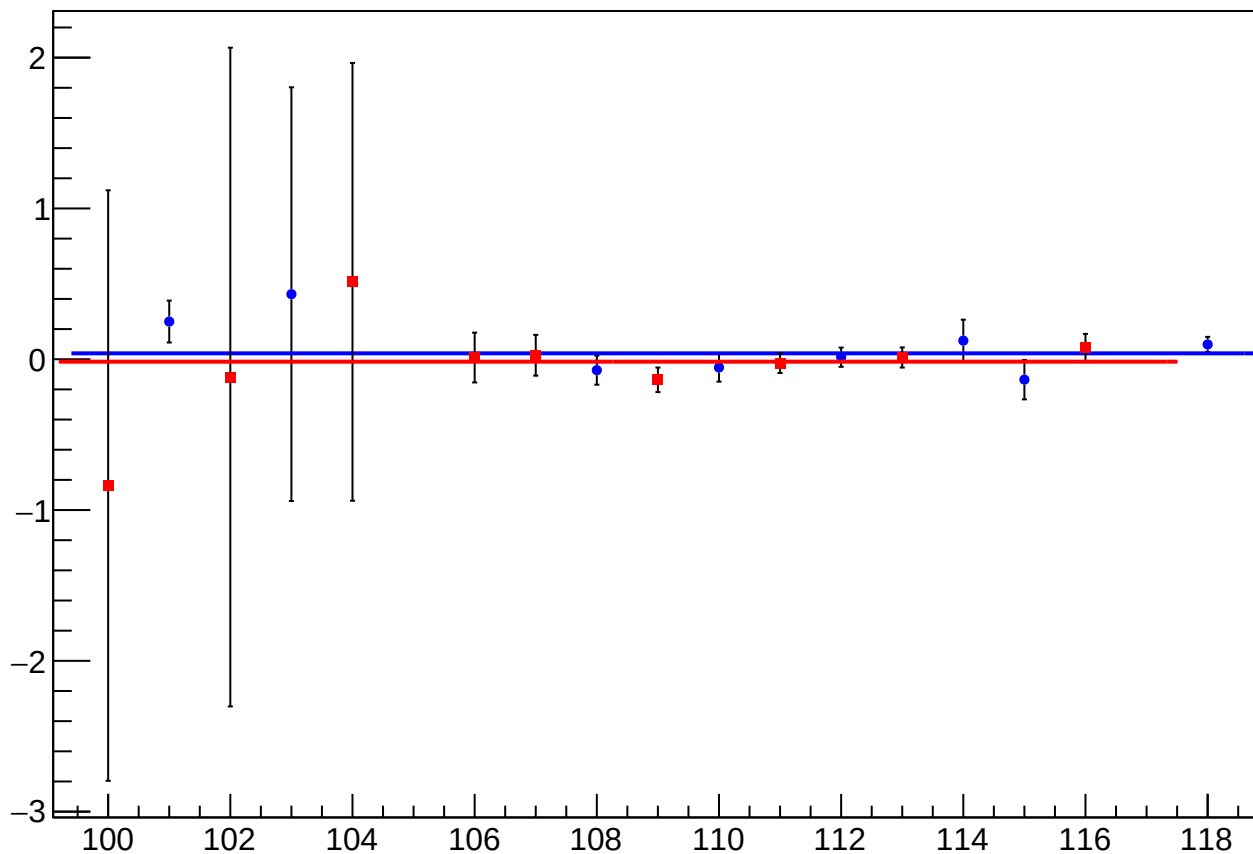
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.032+/-0.016 χ^2/NDF : 3547453.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.031 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.016 $\pm$ 0.035 χ^2 /NDF: 3.8/8

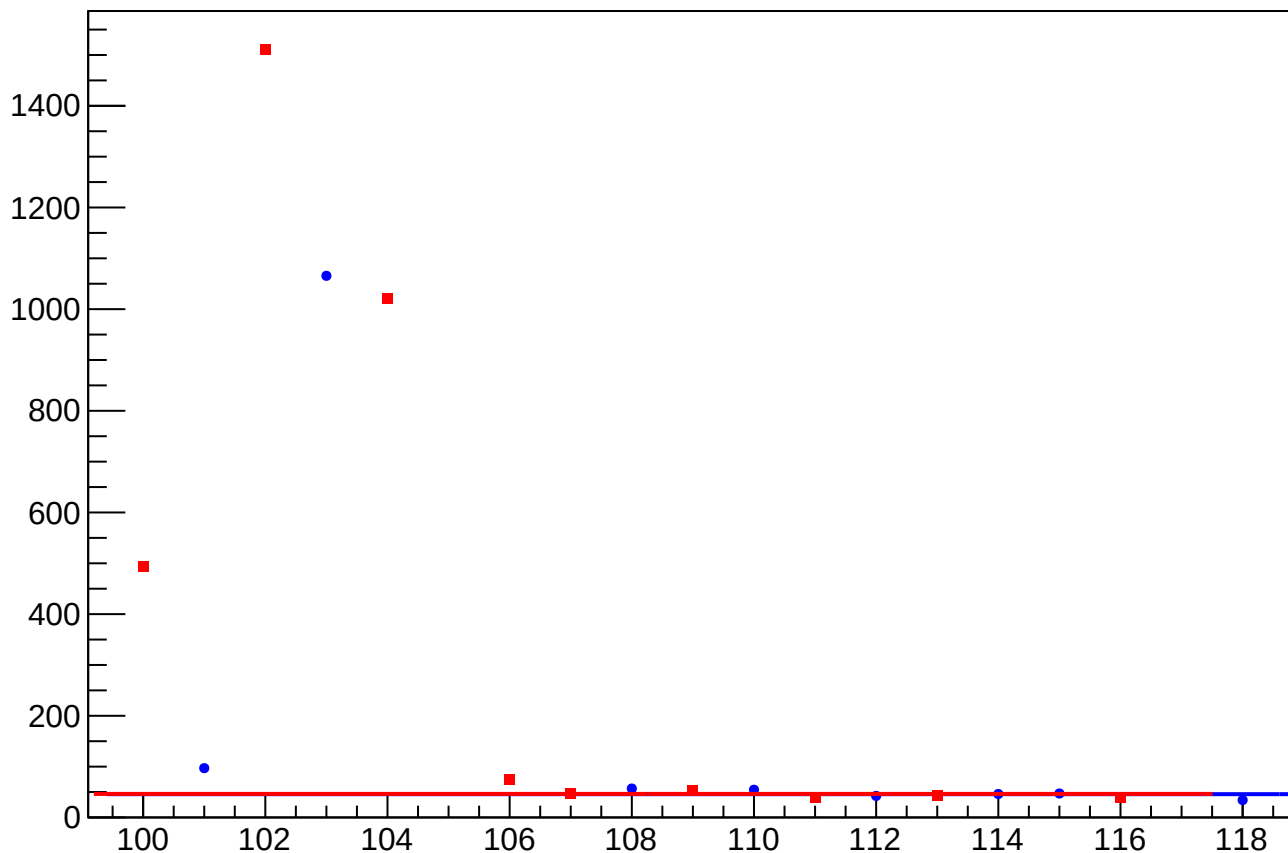
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.023 χ^2 /NDF: 13.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 46.308+/-0.025 χ^2/NDF : 2013765.5/8

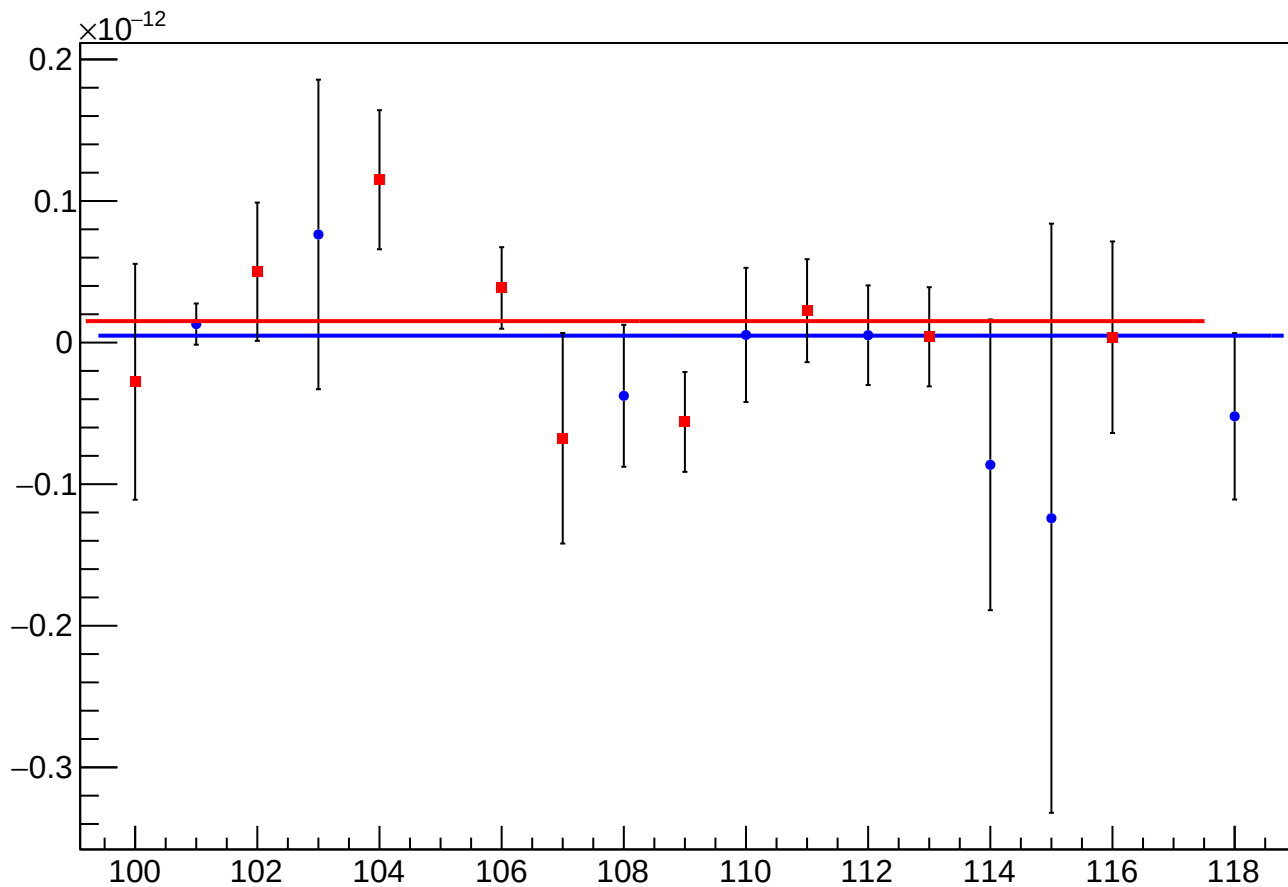
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.032+/-0.016 χ^2/NDF : 3547453.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



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: 11.1/8

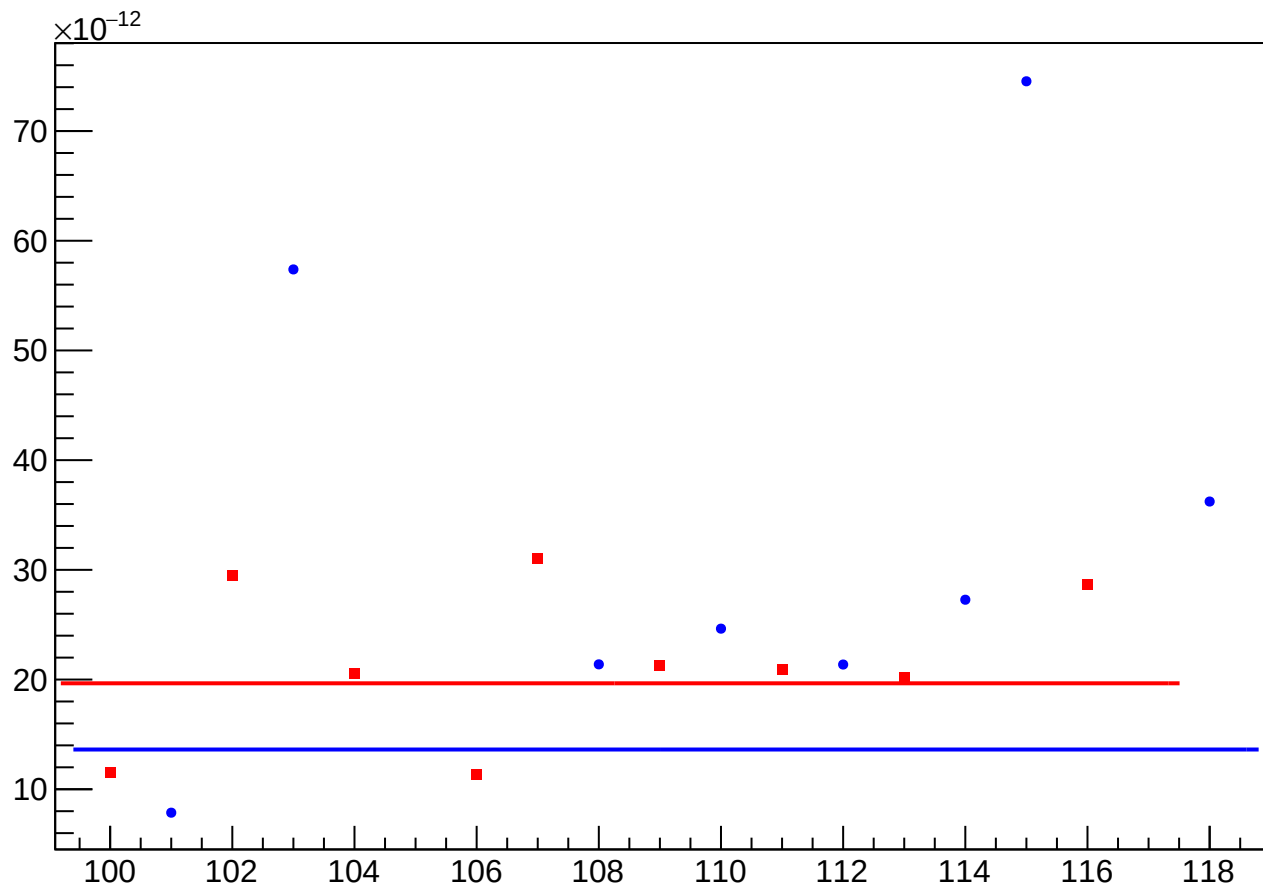
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 355948.5/8

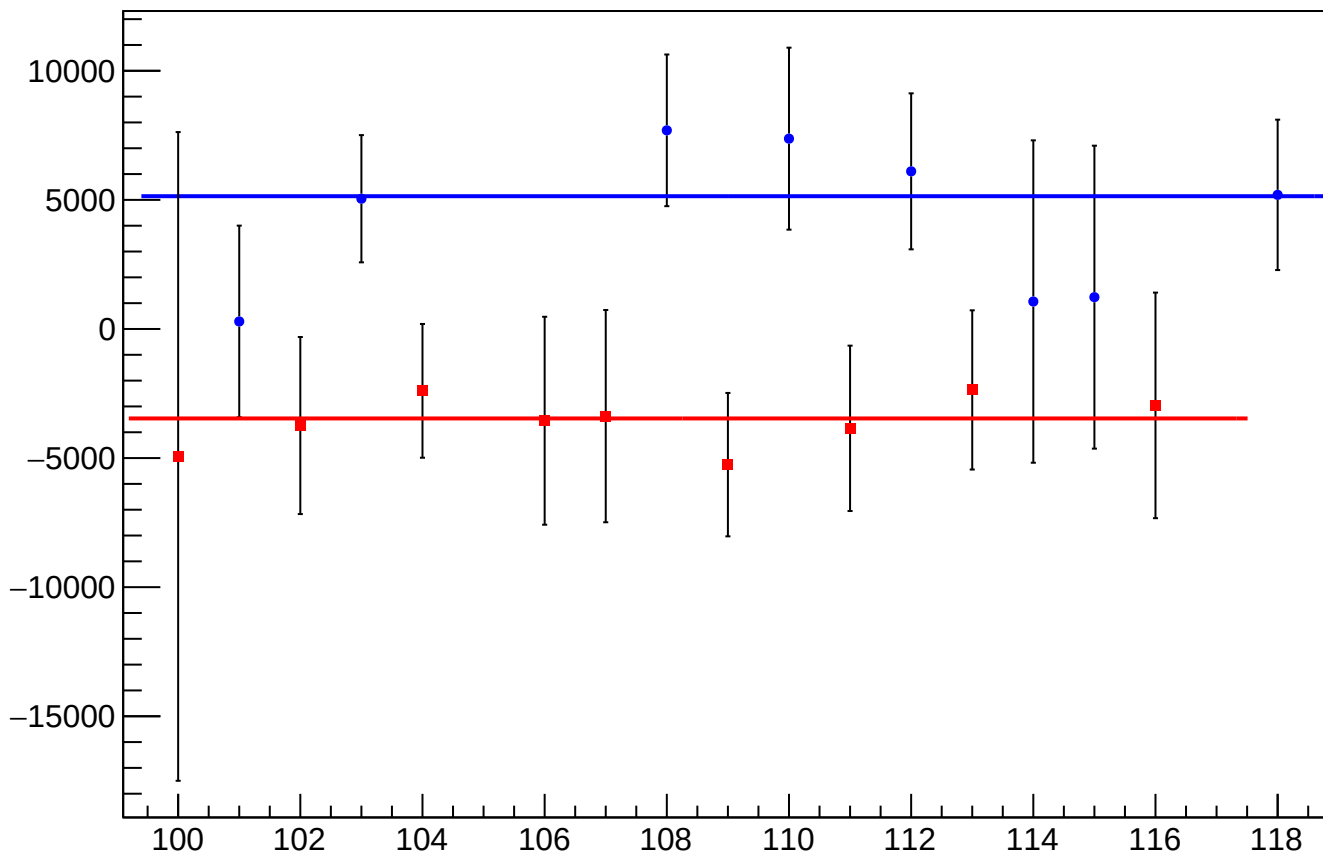
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1955506.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



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: -3465.488+/-1157.815 χ^2/NDF : 0.8/8

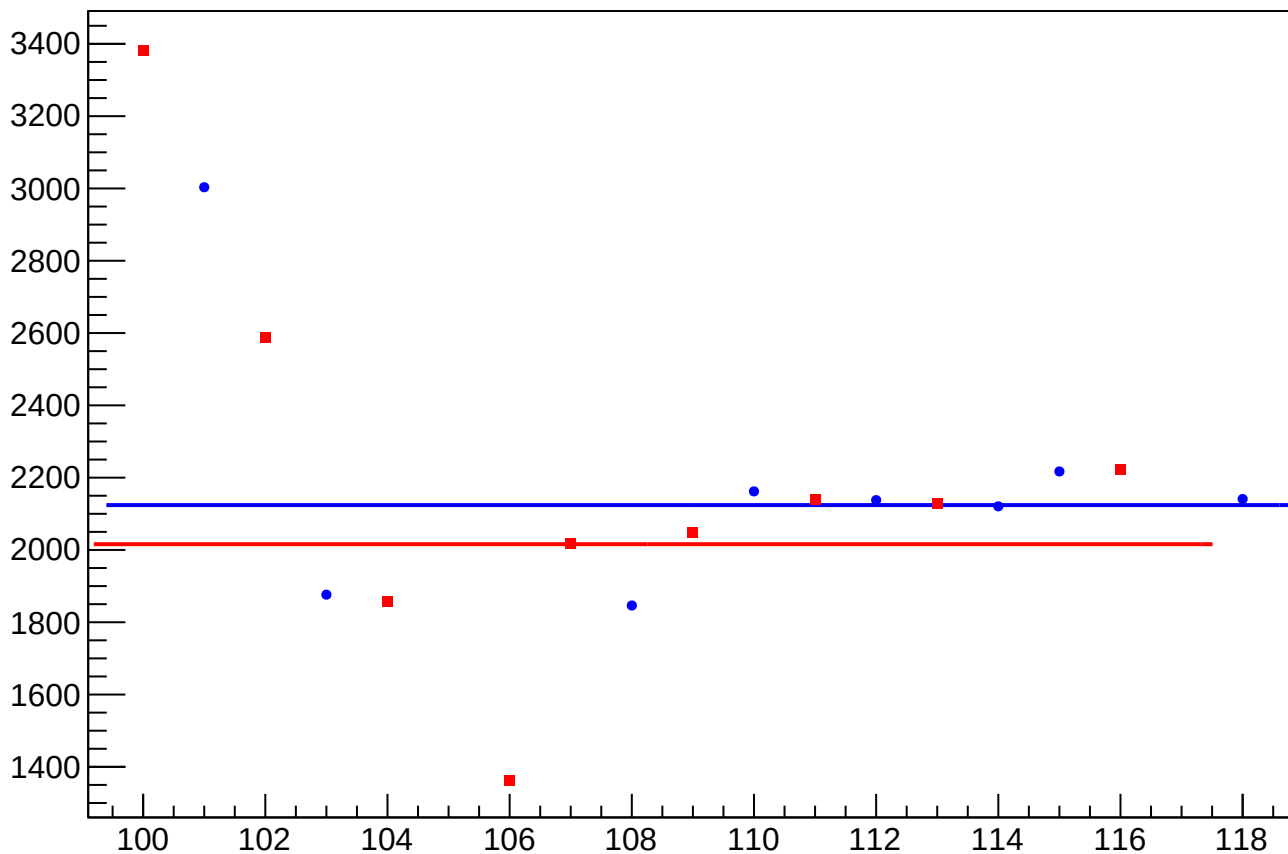
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.216+/-827.066 χ^2/NDF : 31.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2124.095 $\pm$ 0.836 χ^2 /NDF: 151238.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

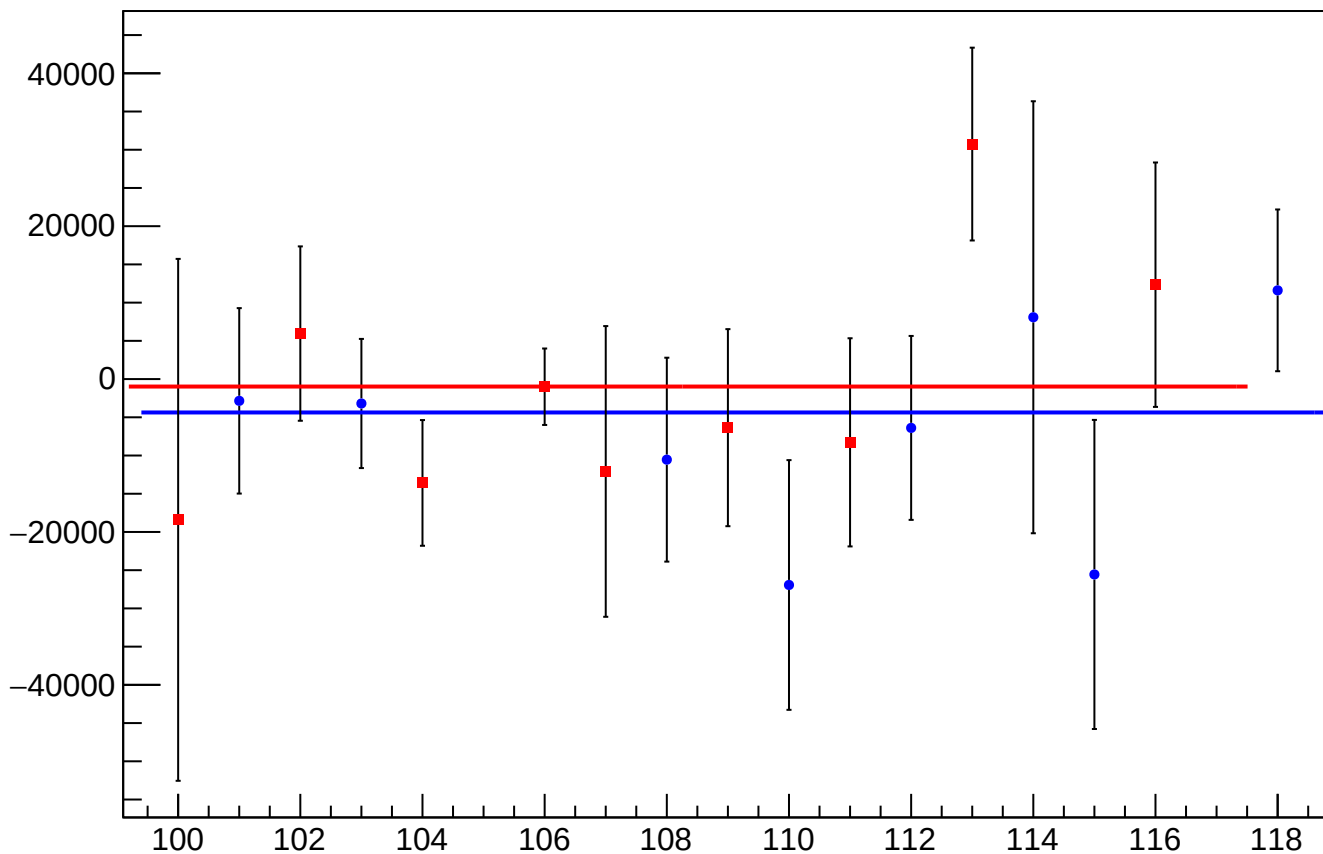
Right Out: 2015.905 $\pm$ 0.793 χ^2 /NDF: 191951.0/8

All: 2067.146 $\pm$ 0.575 χ^2 /NDF: 352012.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug



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: -977.690+/-3376.399 χ^2/NDF : 10.8/8

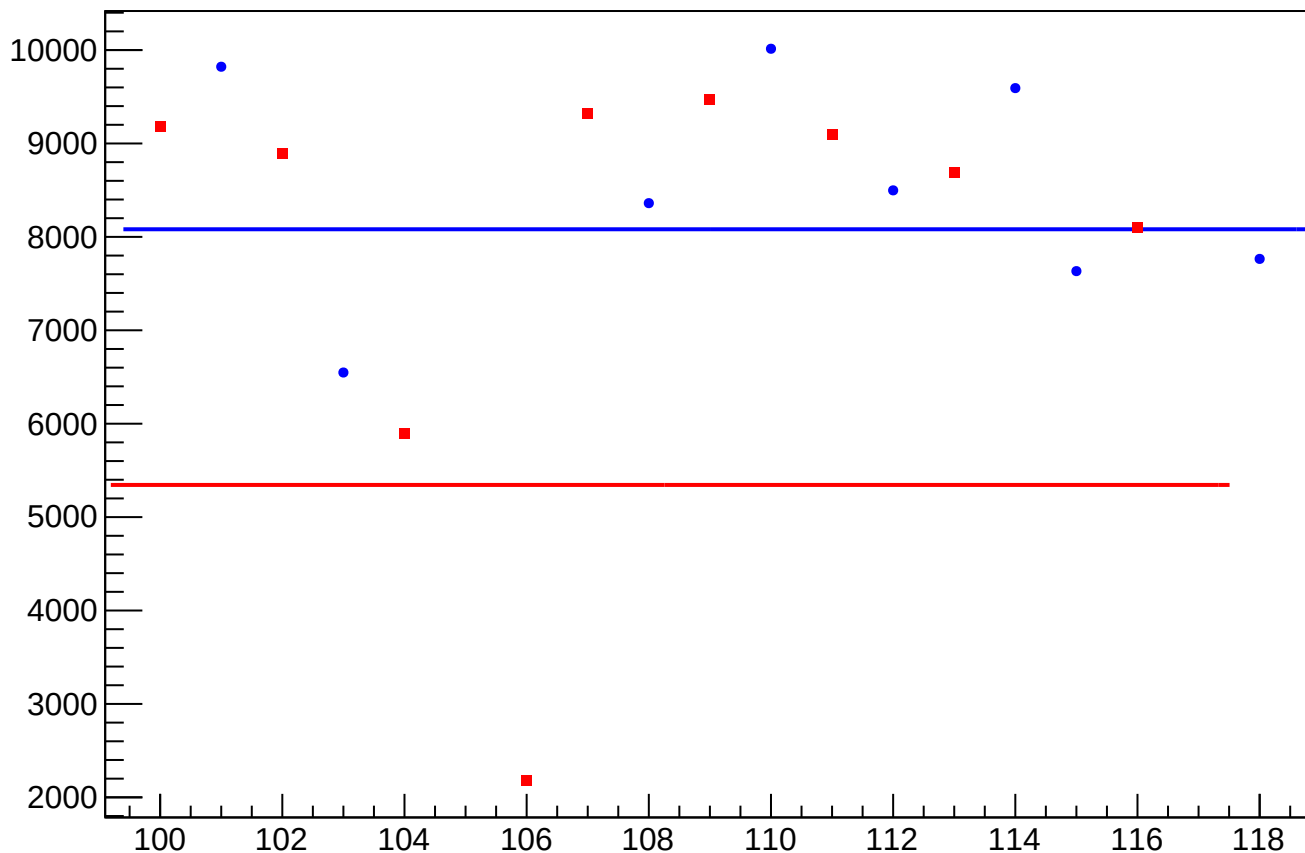
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2204.239+/-2697.384 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 8081.506+/-3.171 χ^2/NDF : 146839.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

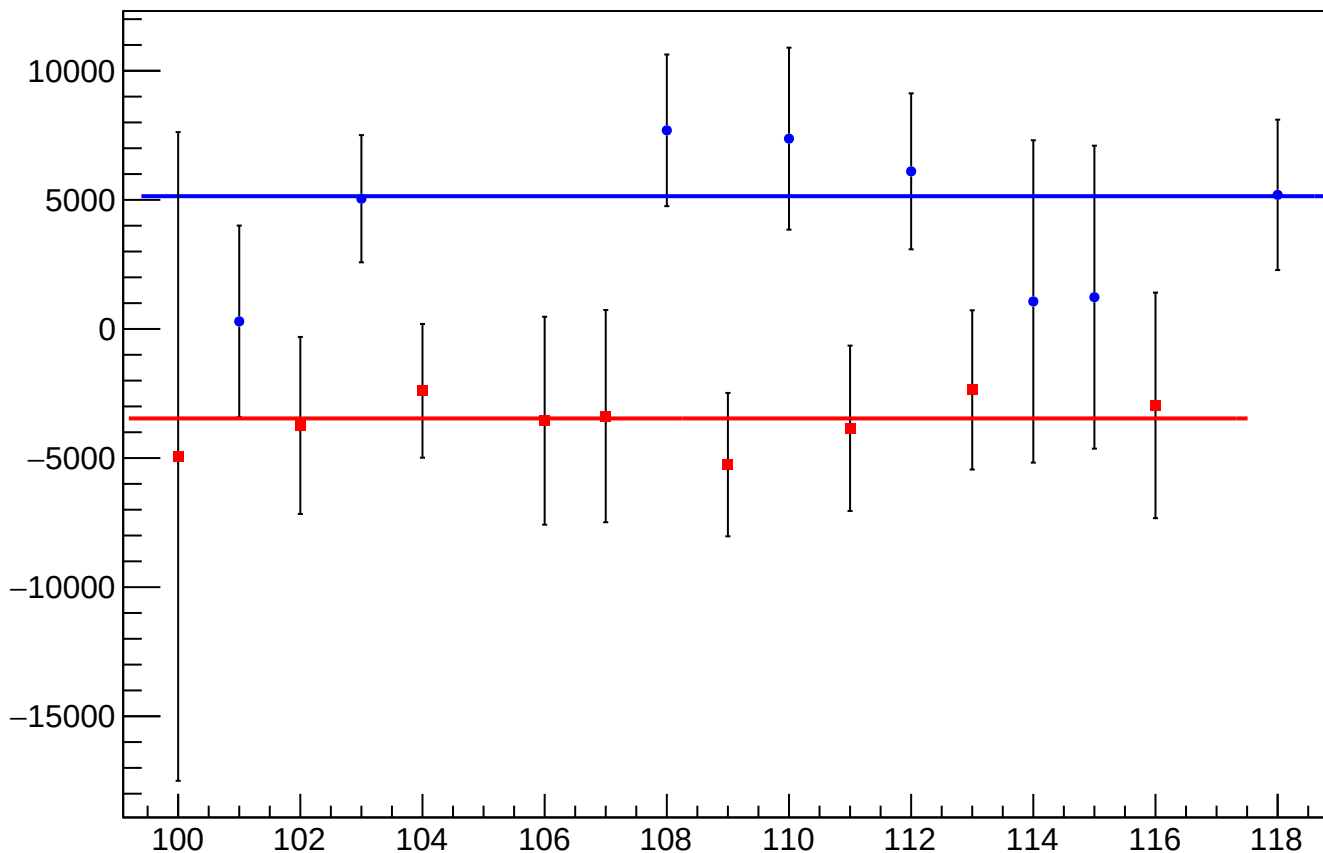
Right Out: 5344.475+/-2.387 χ^2/NDF : 1672651.2/8

All: 6334.647+/-1.907 χ^2/NDF : 2294948.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5143.117 $\pm$ 1181.850 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3465.117 $\pm$ 1157.816 χ^2 /NDF: 0.8/8

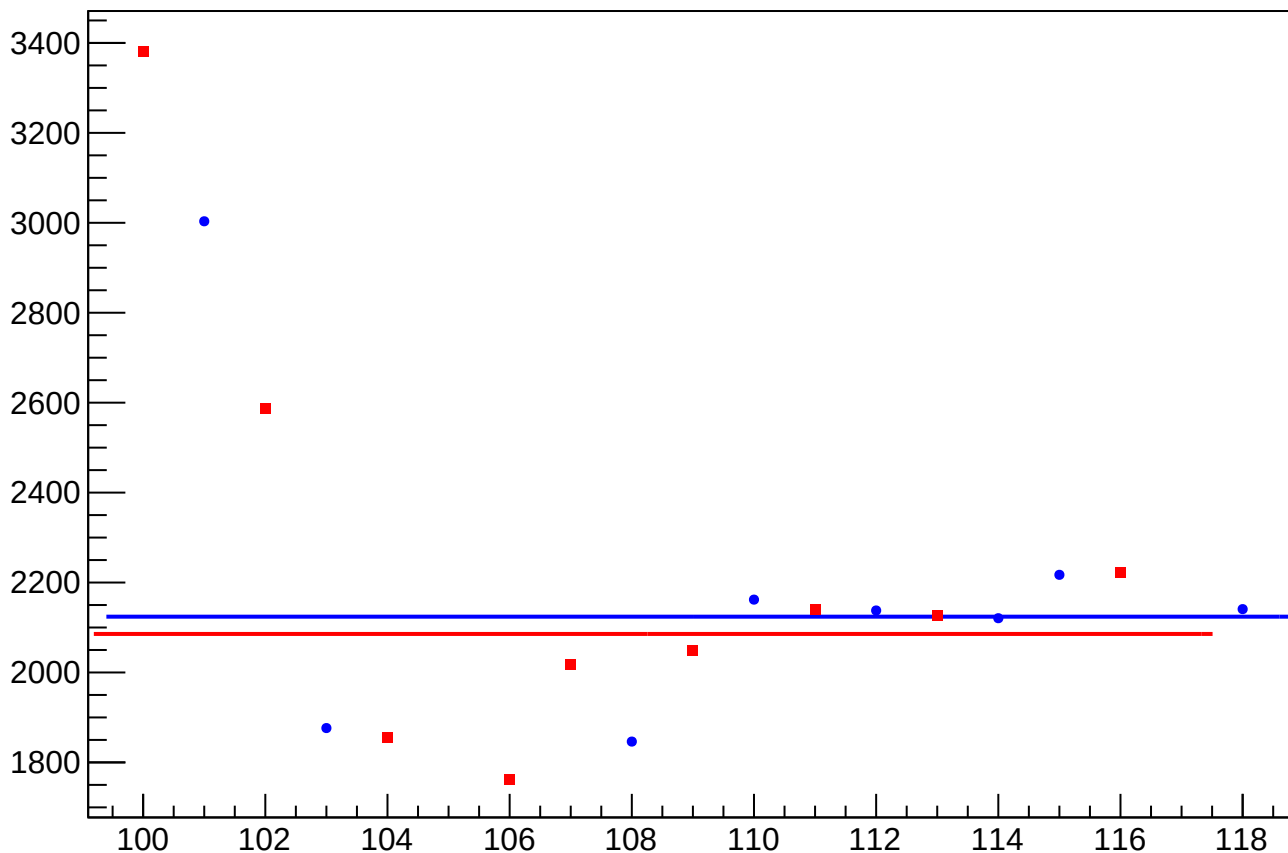
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 750.580 $\pm$ 827.066 χ^2 /NDF: 31.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2124.095 $\pm$ 0.836 χ^2 /NDF: 151239.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2085.665 $\pm$ 0.810 χ^2 /NDF: 99675.5/8

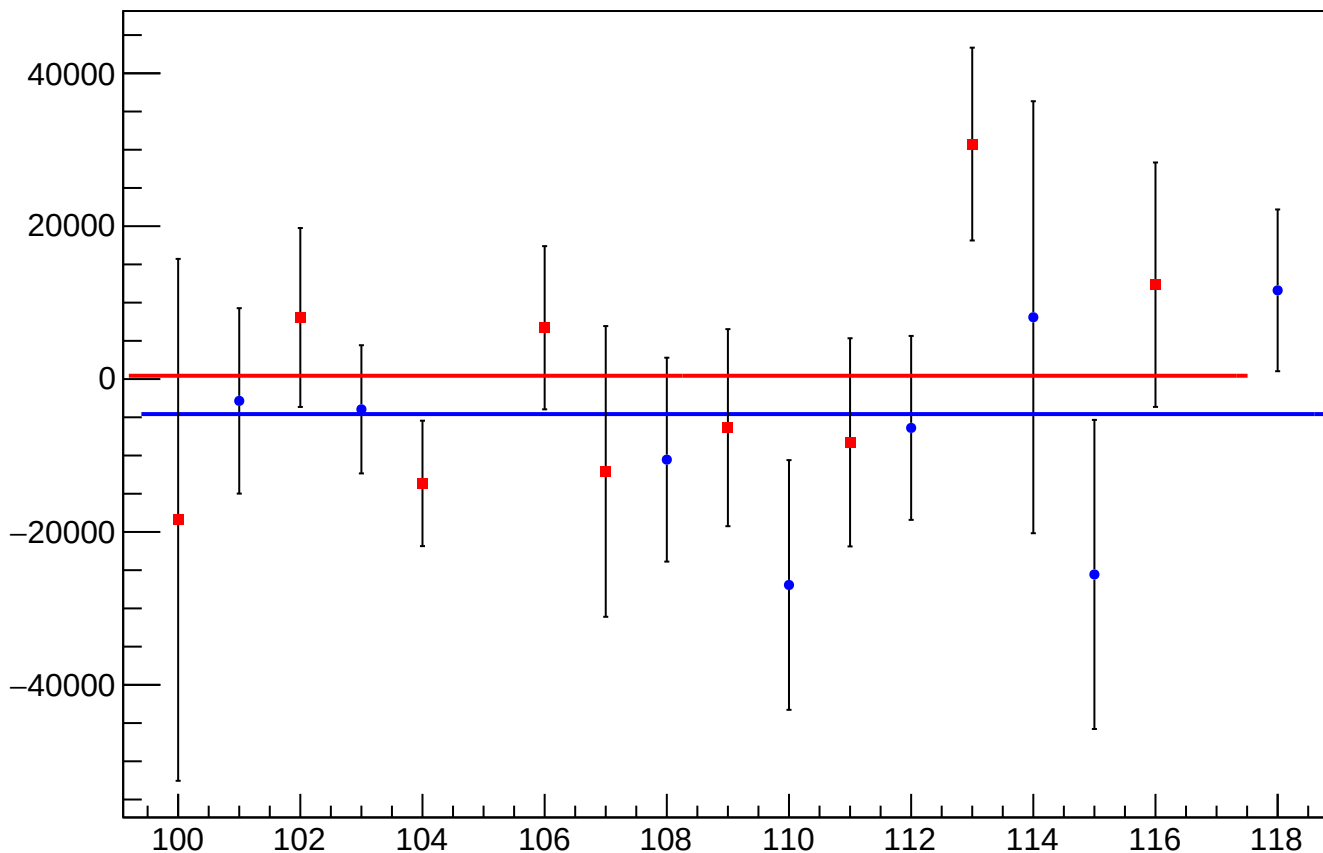
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2104.290 $\pm$ 0.582 χ^2 /NDF: 252004.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



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: 434.521+/-4219.139 χ^2/NDF : 11.5/8

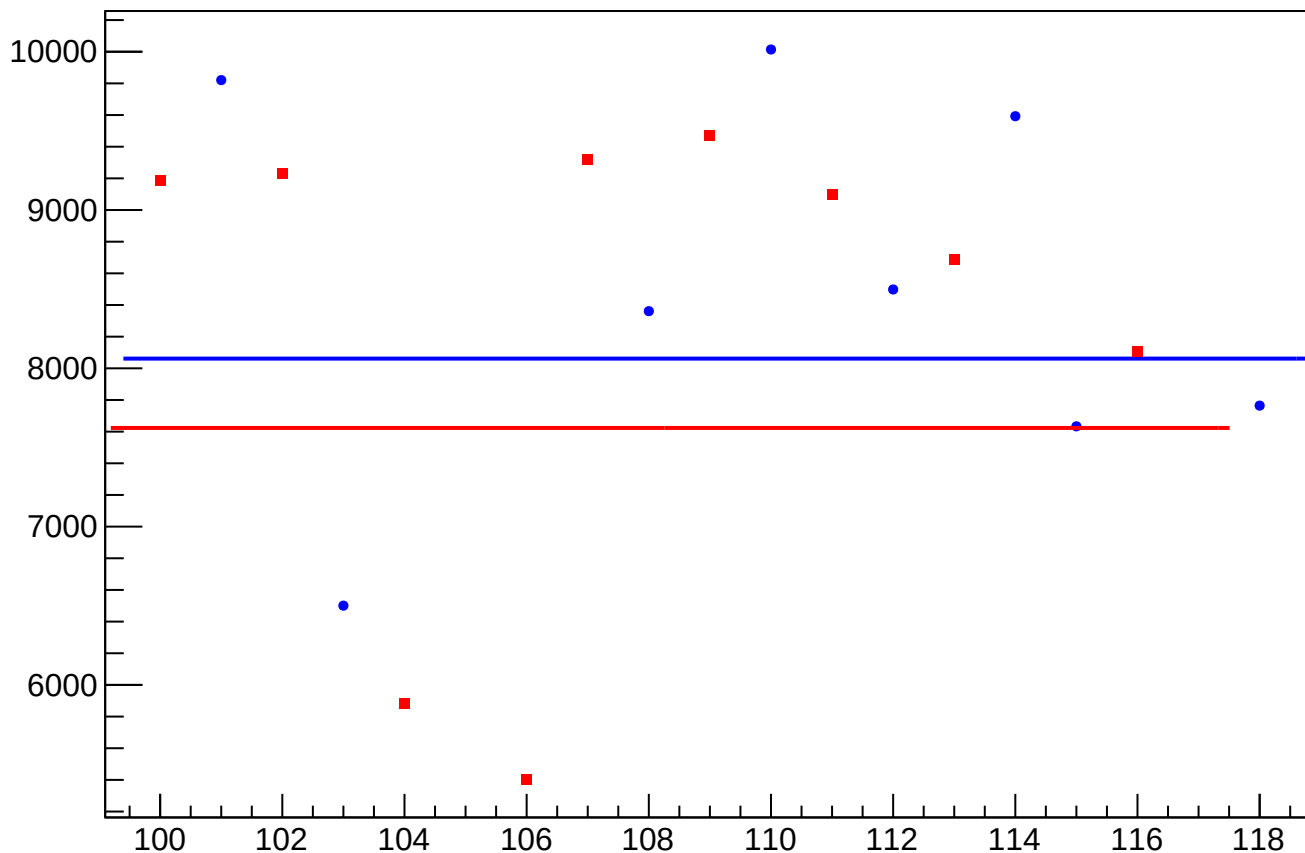
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1925.680+/-3069.831 χ^2/NDF : 17.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



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: 7623.372+/-2.983 χ^2/NDF : 315326.0/8

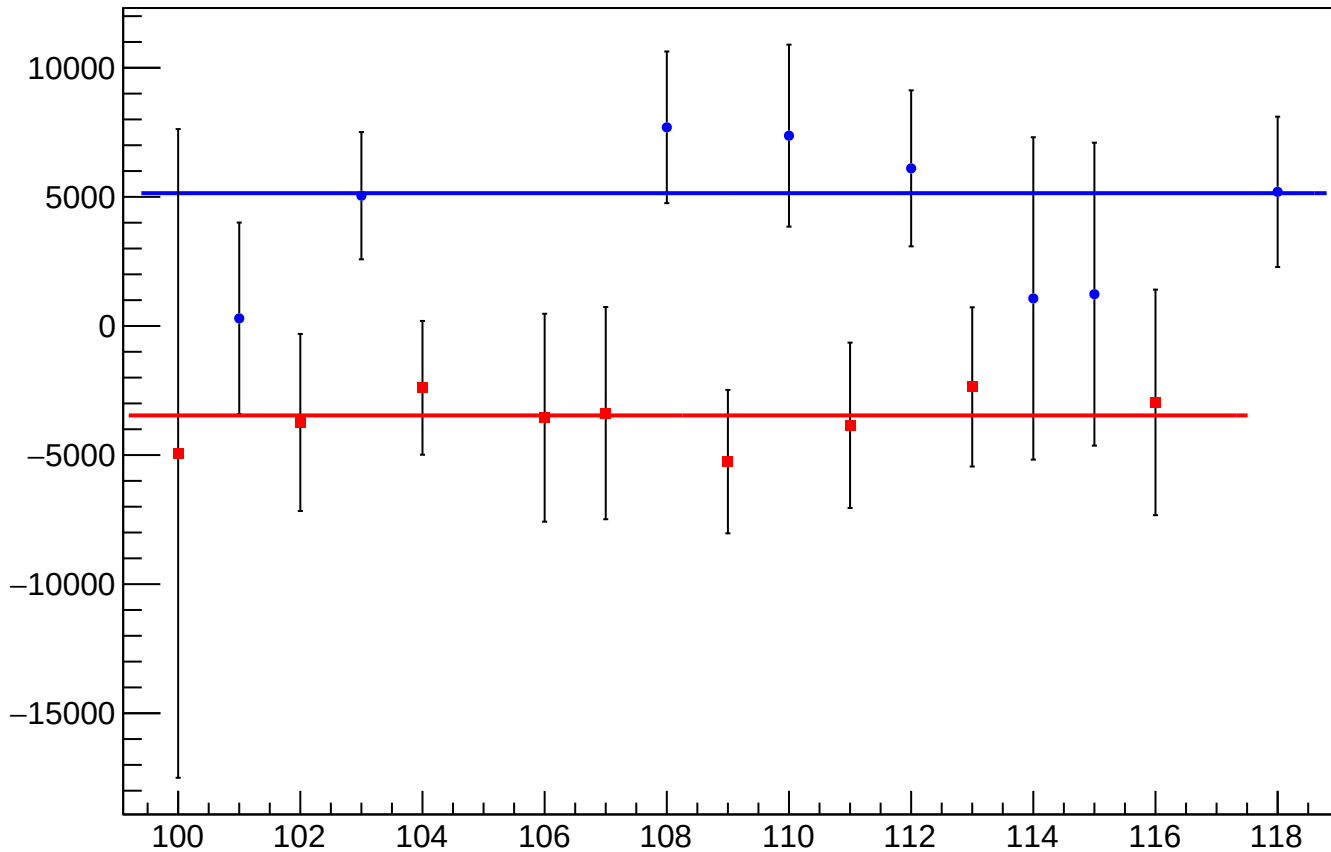
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.484+/-2.171 χ^2/NDF : 477436.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



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: -3465.117+/-1157.816 χ^2/NDF : 0.8/8

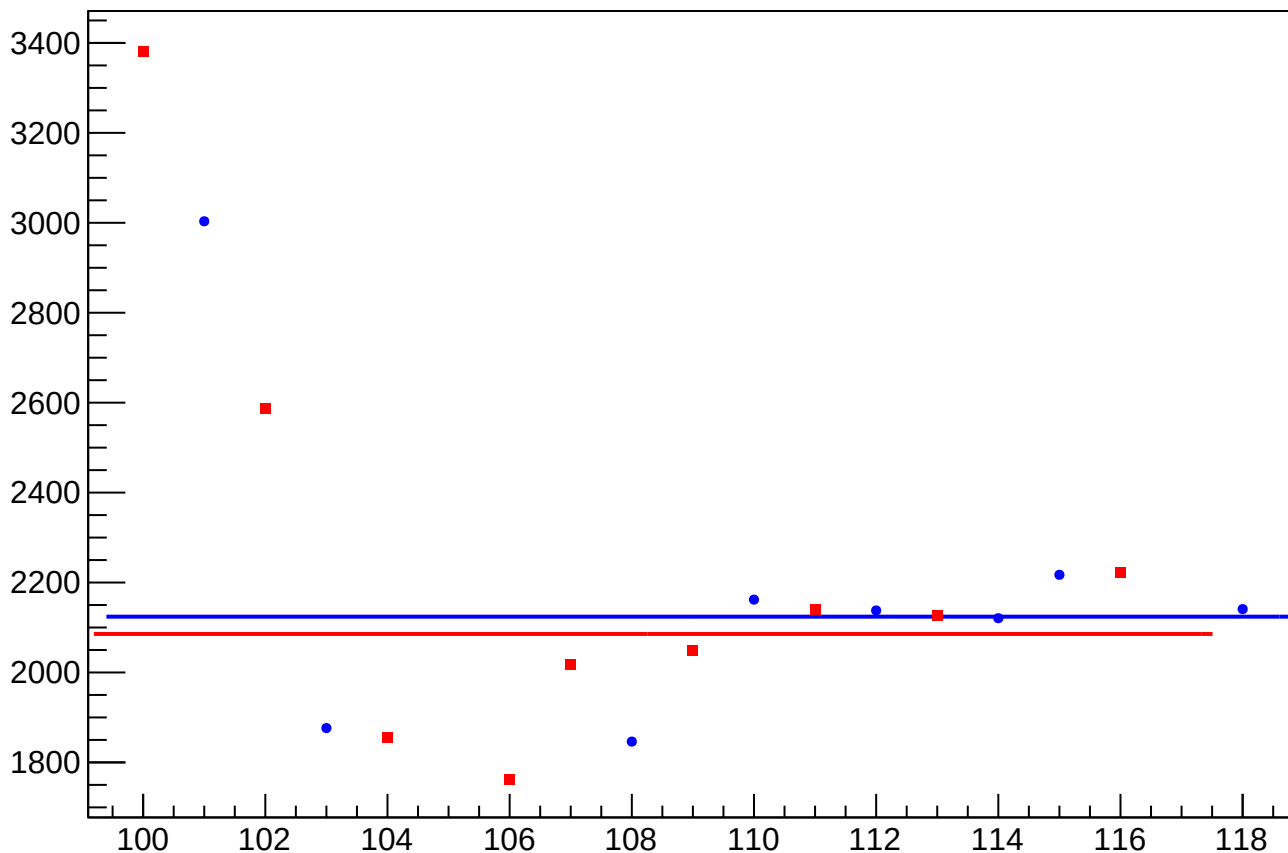
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.580+/-827.066 χ^2/NDF : 31.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2124.095 $\pm$ 0.836 χ^2 /NDF: 151239.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2085.665 $\pm$ 0.810 χ^2 /NDF: 99675.5/8

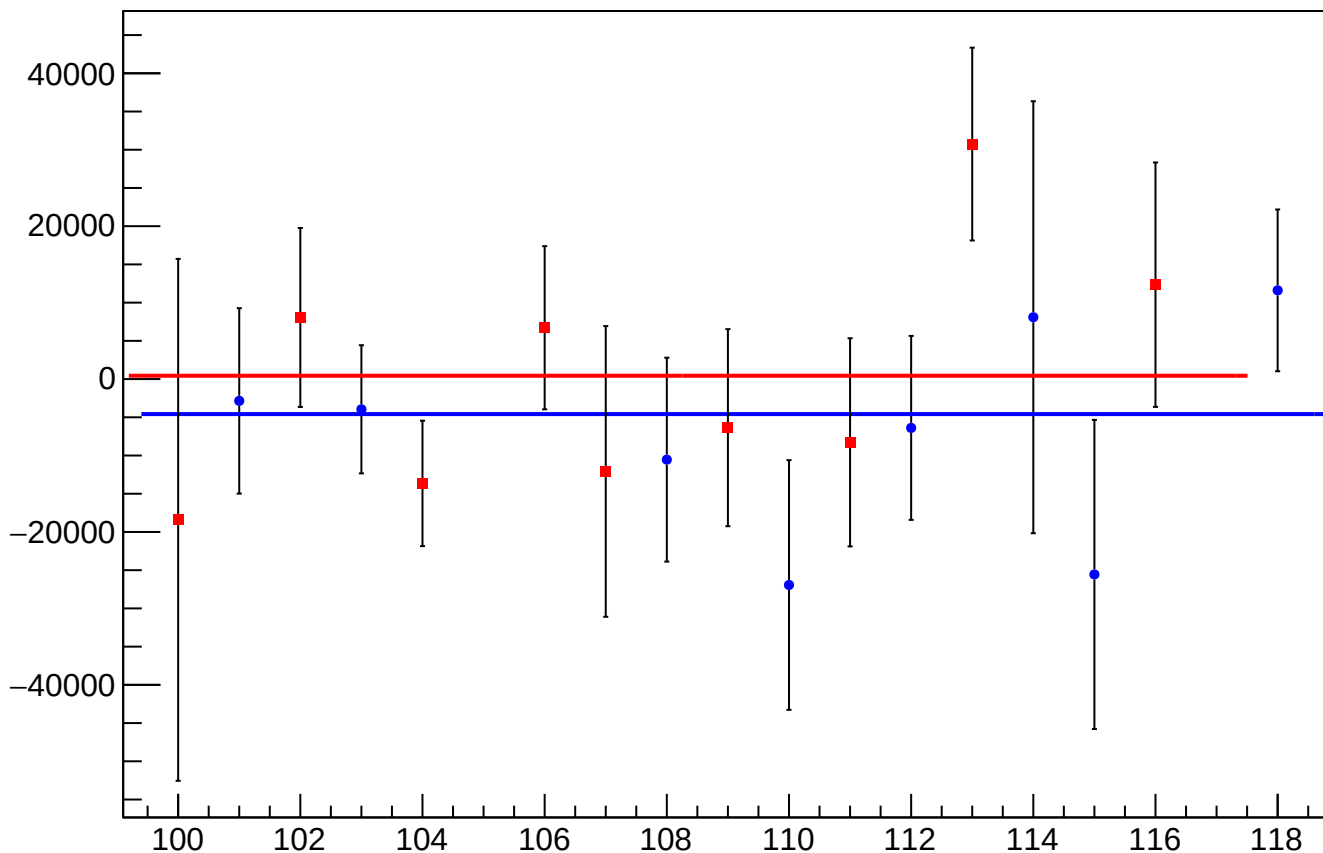
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2104.290 $\pm$ 0.582 χ^2 /NDF: 252004.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



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: 434.521+/-4219.139 χ^2/NDF : 11.5/8

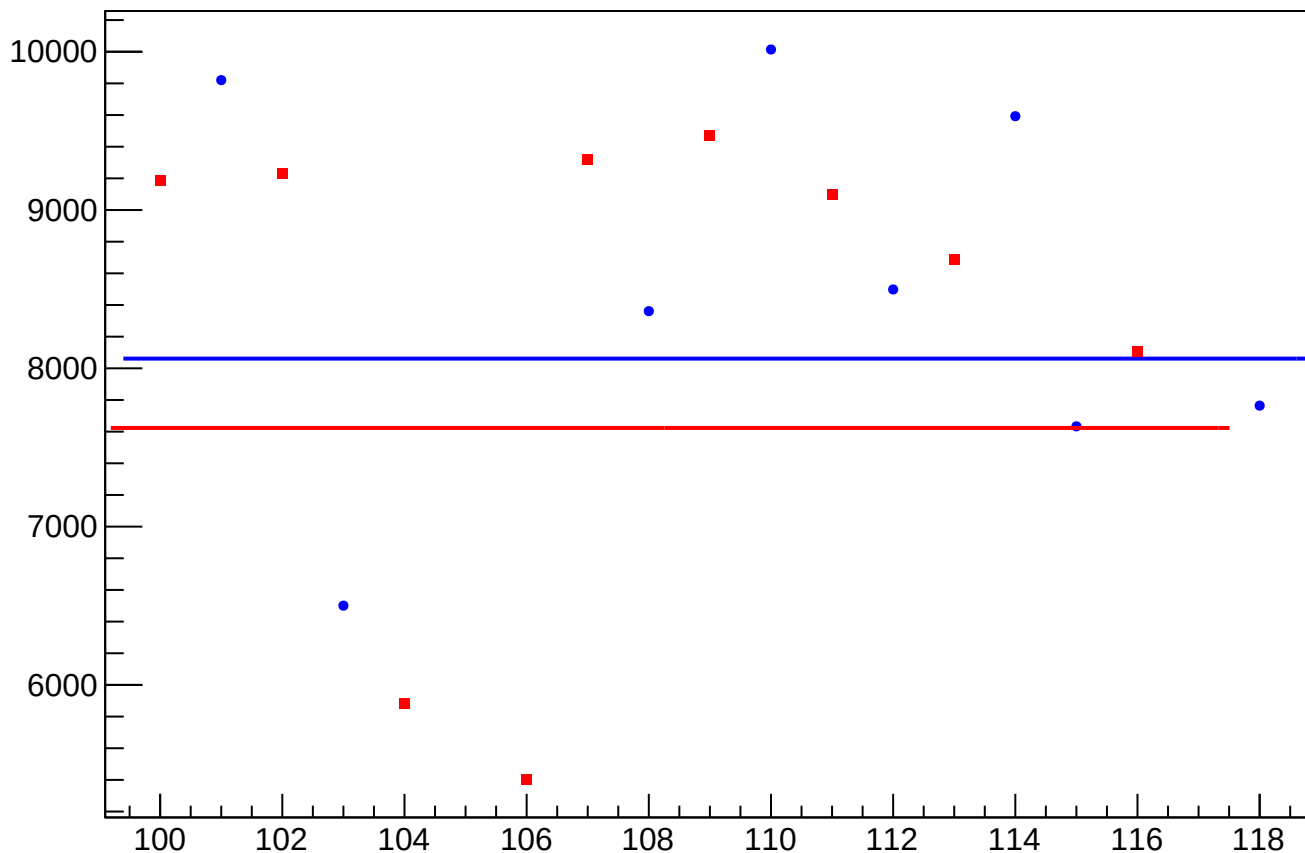
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1925.680+/-3069.831 χ^2/NDF : 17.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug



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: 7623.372+/-2.983 χ^2/NDF : 315326.0/8

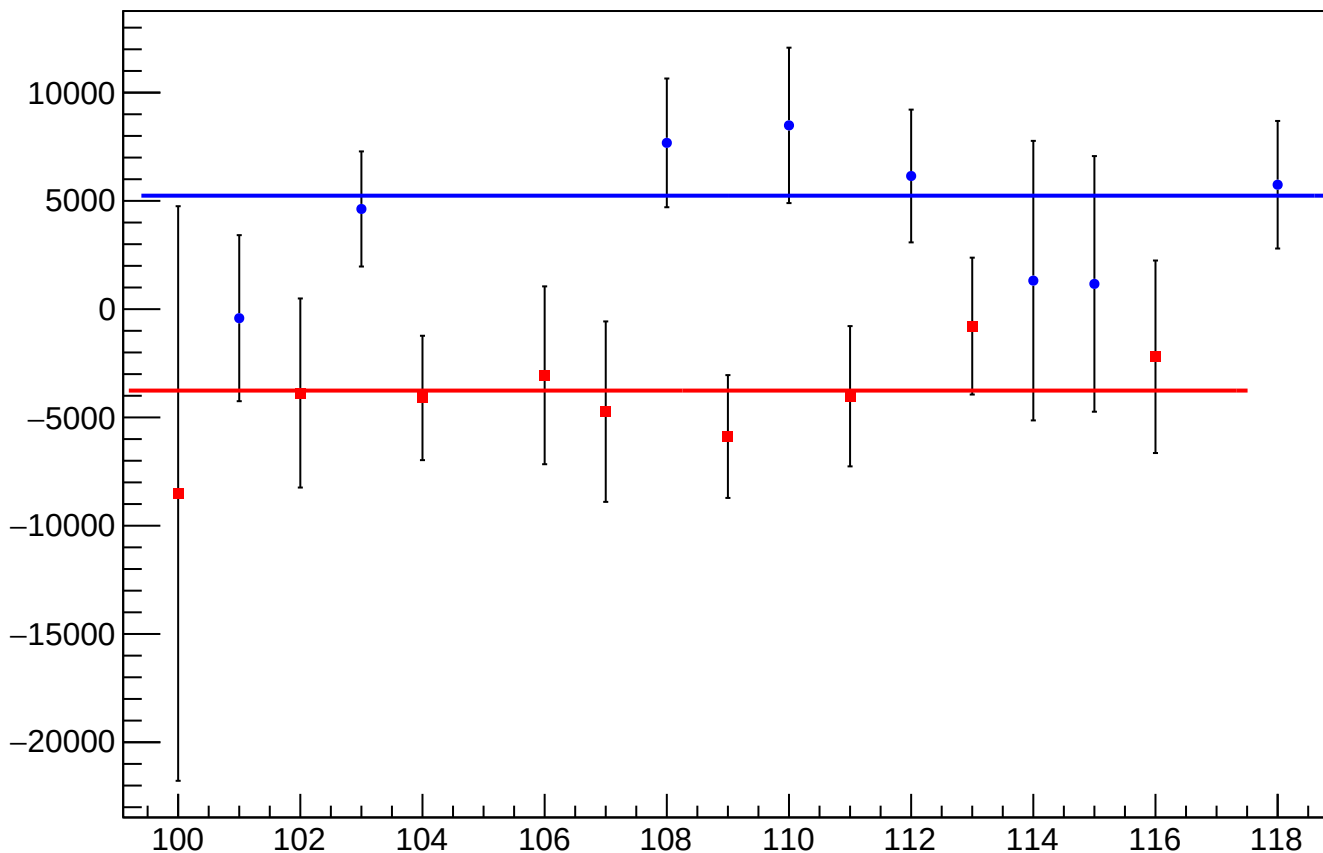
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7829.484+/-2.171 χ^2/NDF : 477436.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5240.571 $\pm$ 1217.382 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3759.955 $\pm$ 1224.760 χ^2 /NDF: 1.8/8

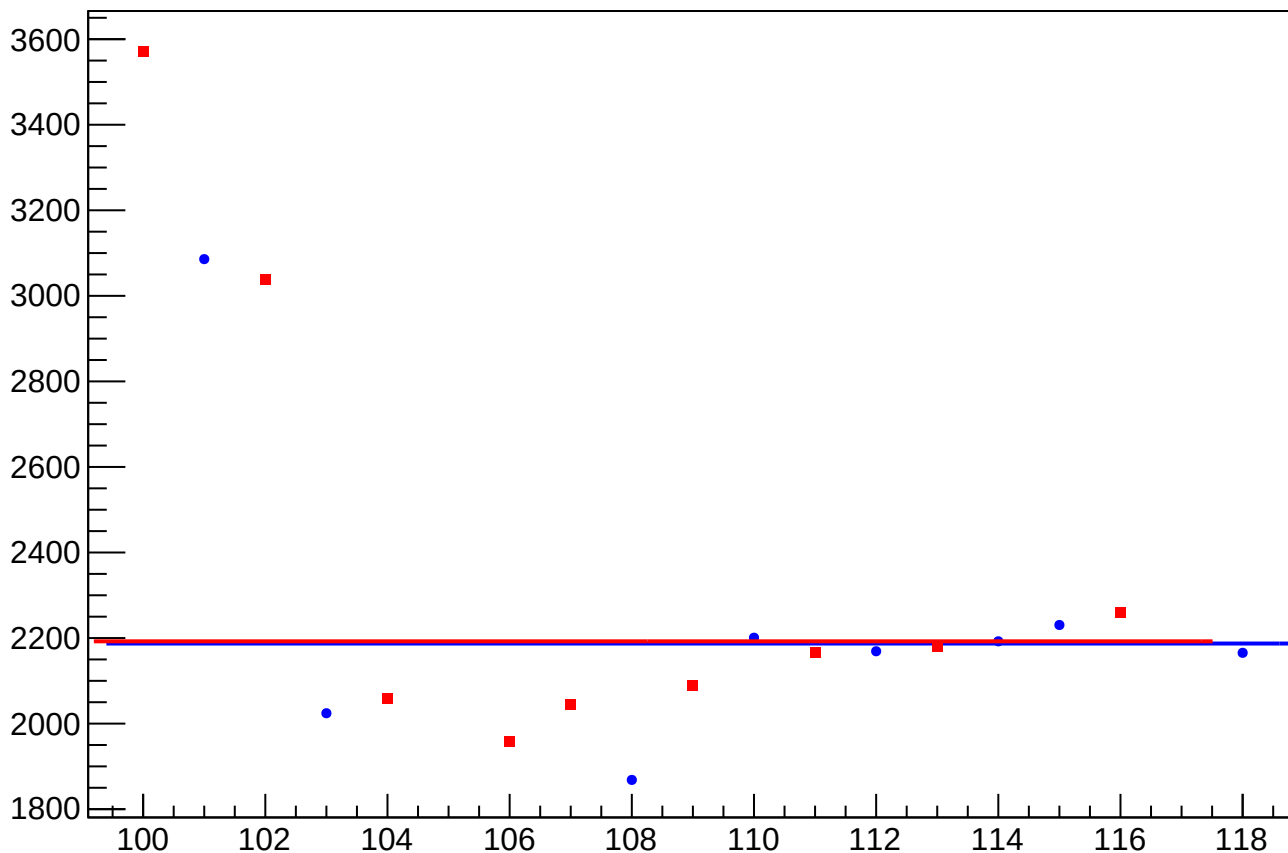
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 767.501 $\pm$ 863.416 χ^2 /NDF: 33.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2187.214 $\pm$ 0.861 χ^2 /NDF: 140713.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2192.377 $\pm$ 0.865 χ^2 /NDF: 113673.9/8

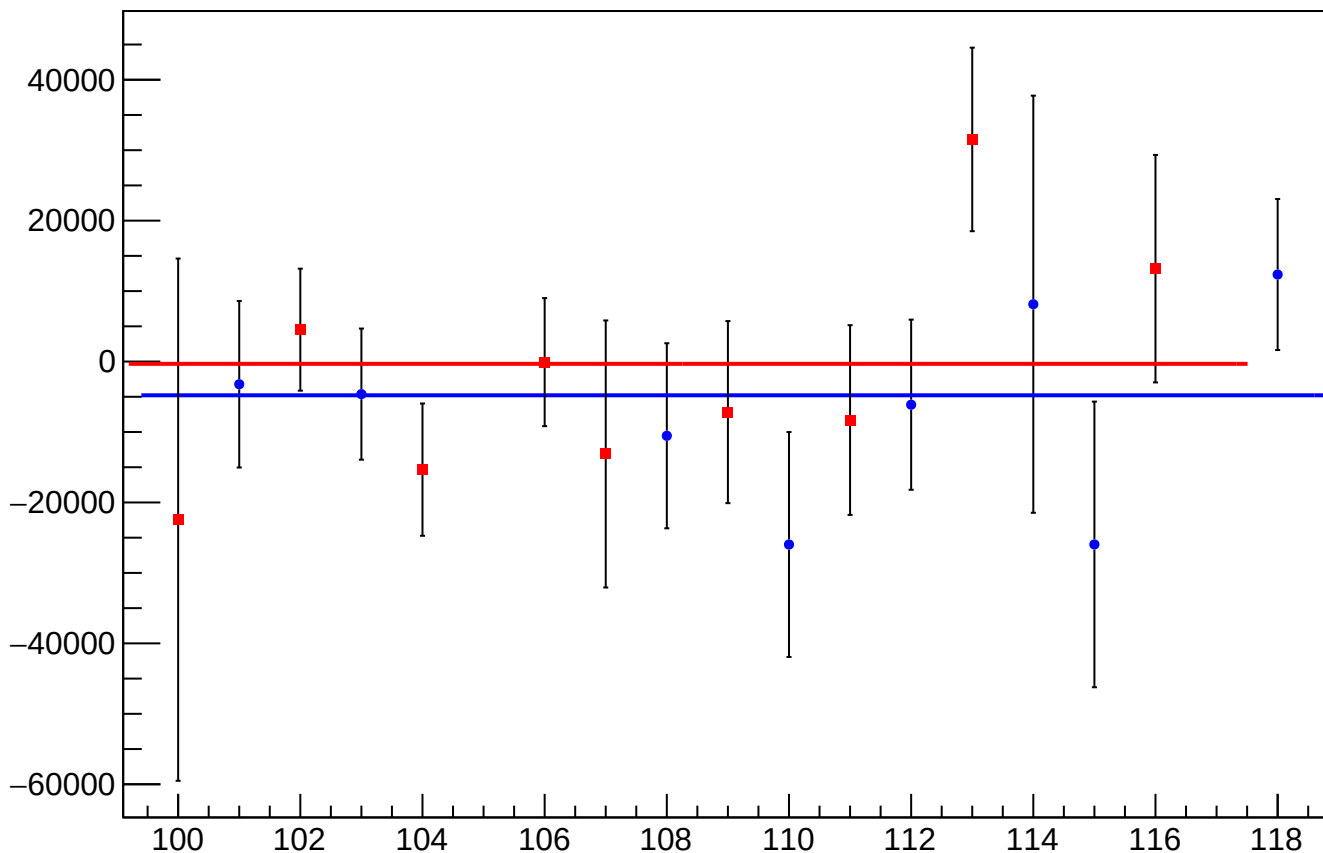
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2189.783 $\pm$ 0.610 χ^2 /NDF: 254405.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



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: -324.223+/-4030.911 χ^2/NDF : 11.0/8

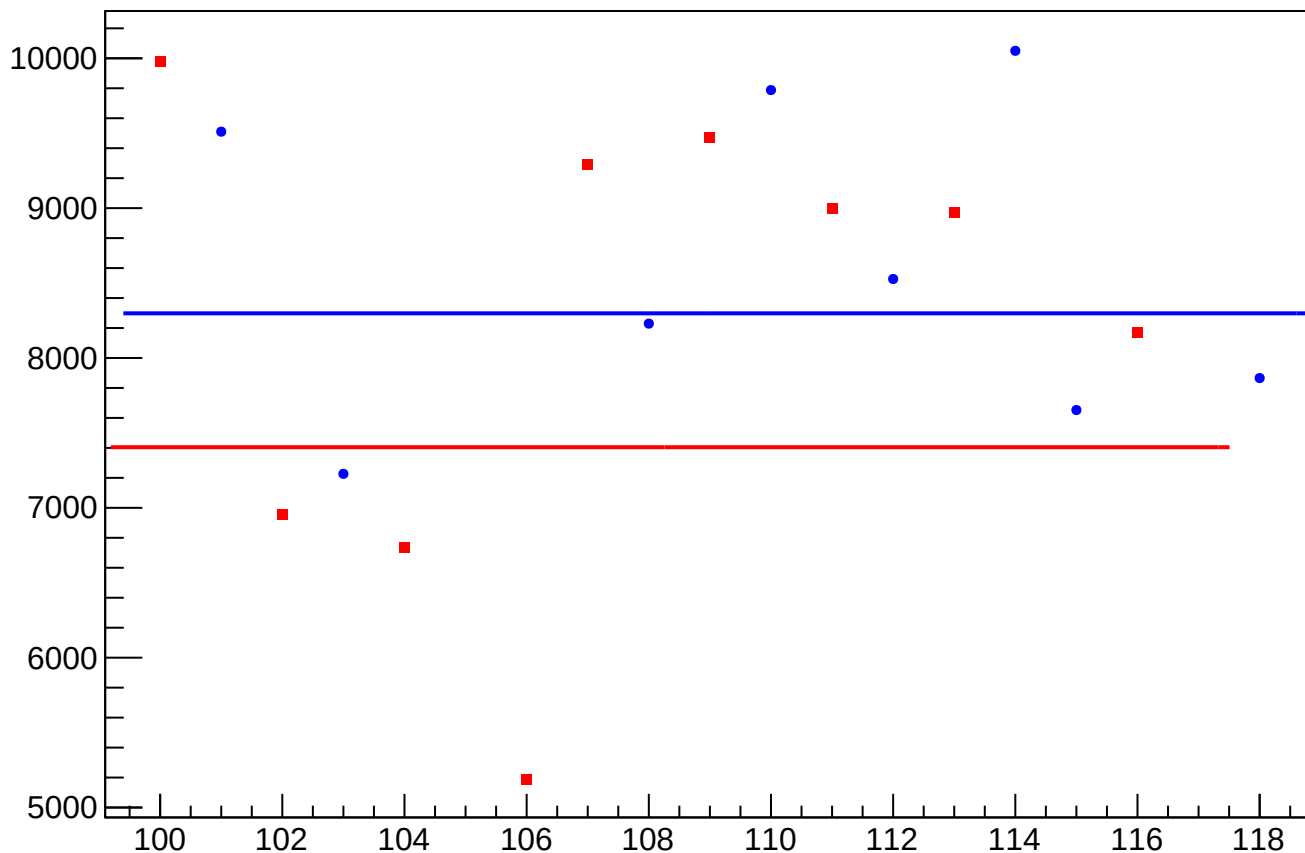
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2270.124+/-3027.462 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8298.013+/-3.242 χ^2/NDF : 78004.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

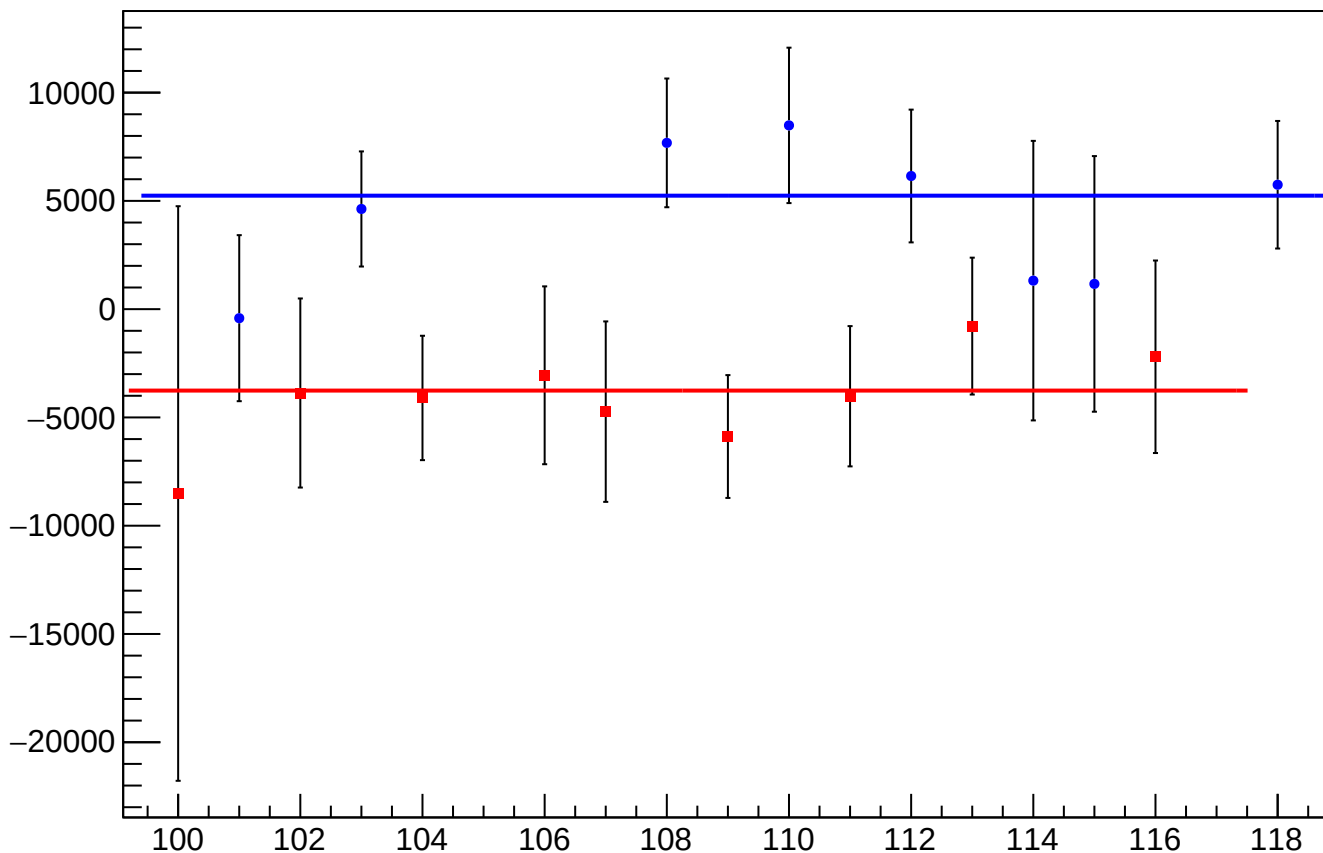
Right Out: 7404.434+/-2.850 χ^2/NDF : 276850.7/8

All: 7793.951+/-2.141 χ^2/NDF : 397698.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5240.578 $\pm$ 1217.381 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3759.963 $\pm$ 1224.759 χ^2 /NDF: 1.8/8

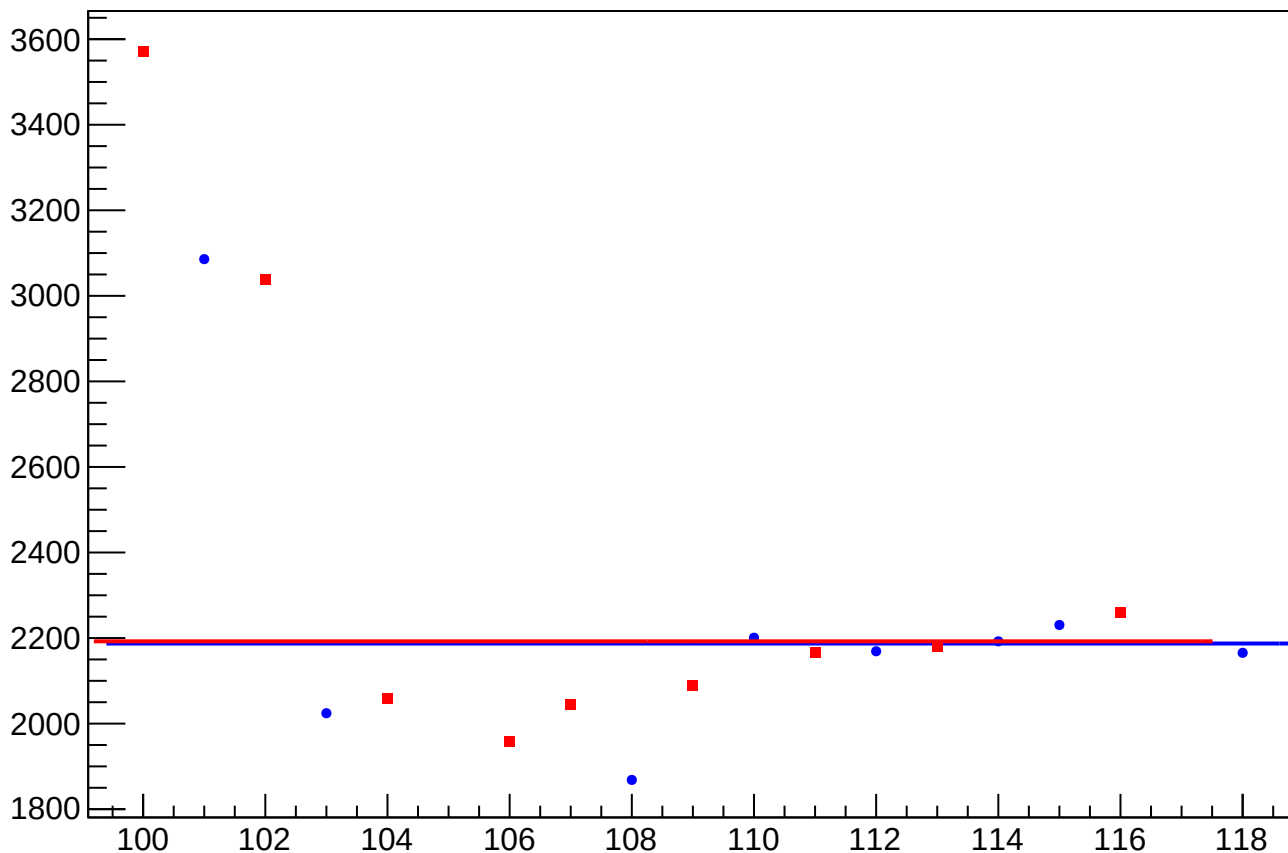
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 767.499 $\pm$ 863.415 χ^2 /NDF: 33.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2187.213 $\pm$ 0.861 χ^2 /NDF: 140713.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2192.376 $\pm$ 0.865 χ^2 /NDF: 113673.7/8

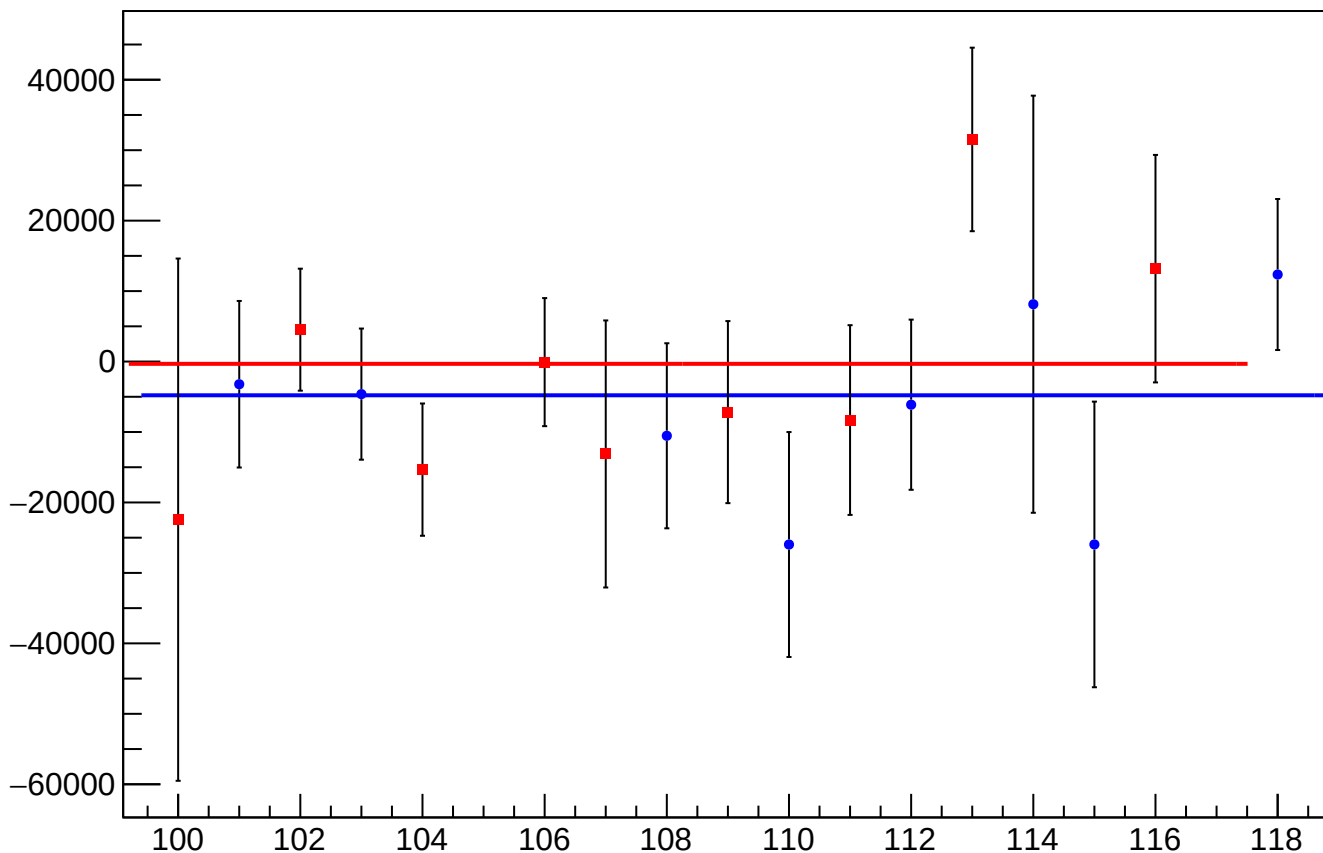
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2189.782 $\pm$ 0.610 χ^2 /NDF: 254405.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



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: -324.228+/-4030.904 χ^2/NDF : 11.0/8

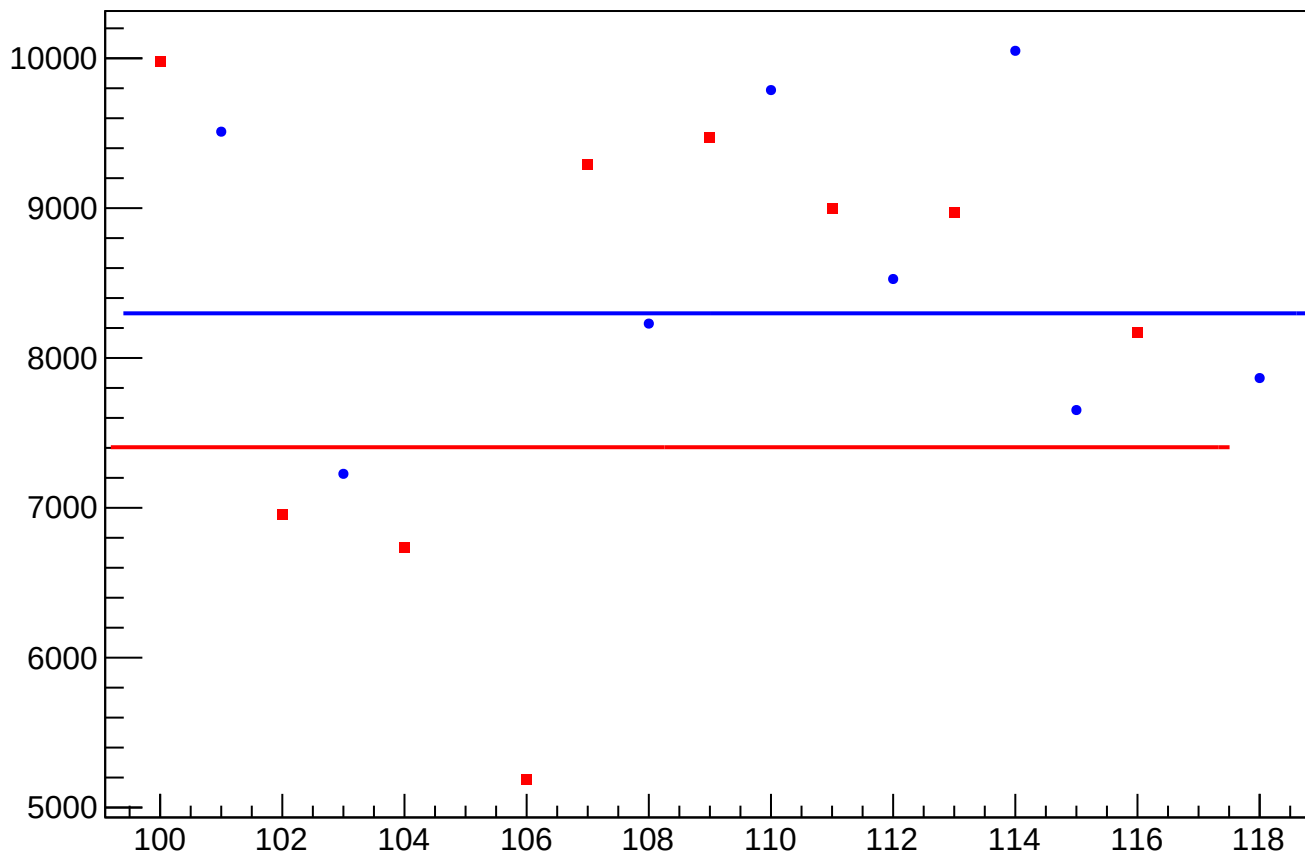
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2270.121+/-3027.456 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 8297.994 $\pm$ 3.242 χ^2 /NDF: 78004.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7404.421 $\pm$ 2.850 χ^2 /NDF: 276849.5/8

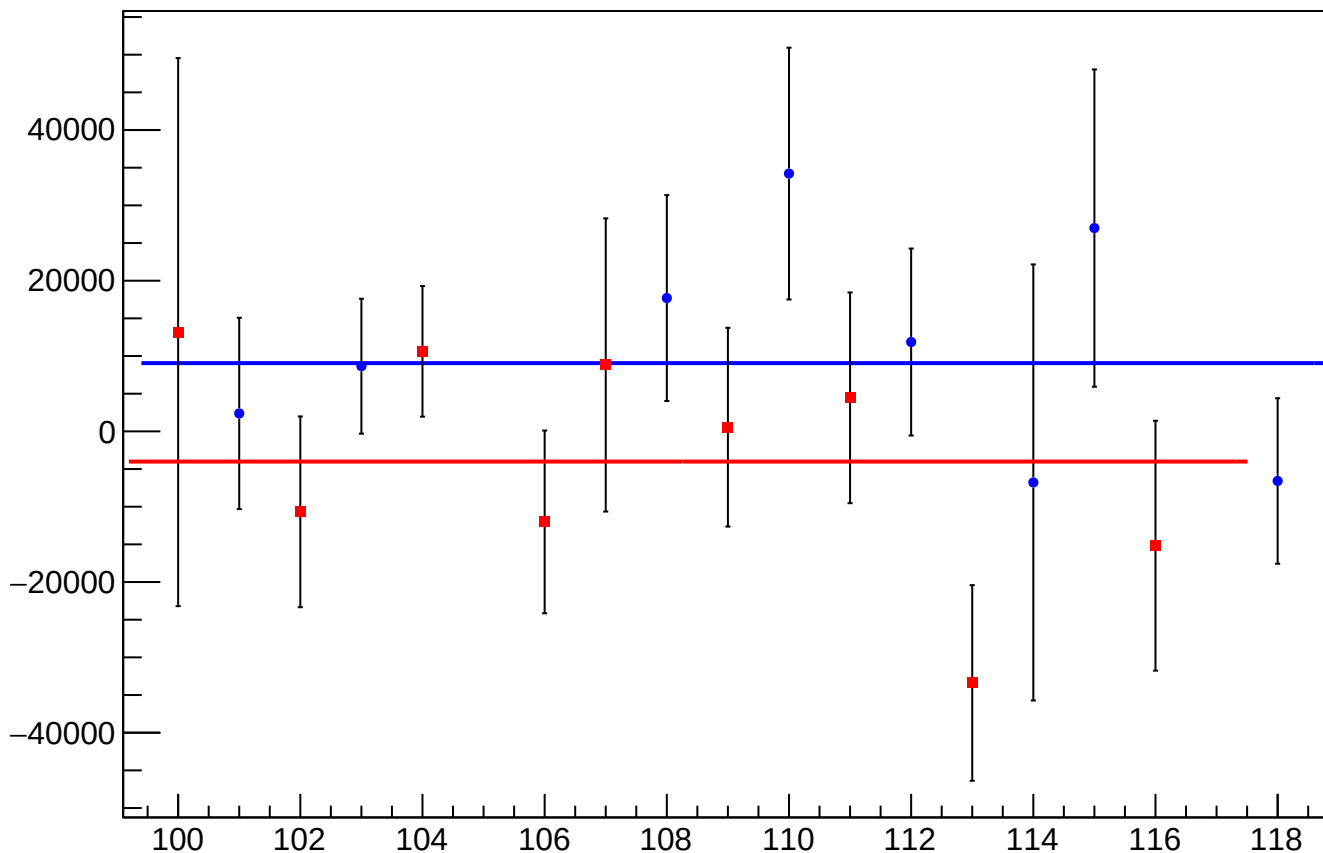
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7793.936 $\pm$ 2.141 χ^2 /NDF: 397697.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 9057.994 $\pm$ 4671.063 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4008.328 $\pm$ 4465.133 χ^2 /NDF: 10.3/8

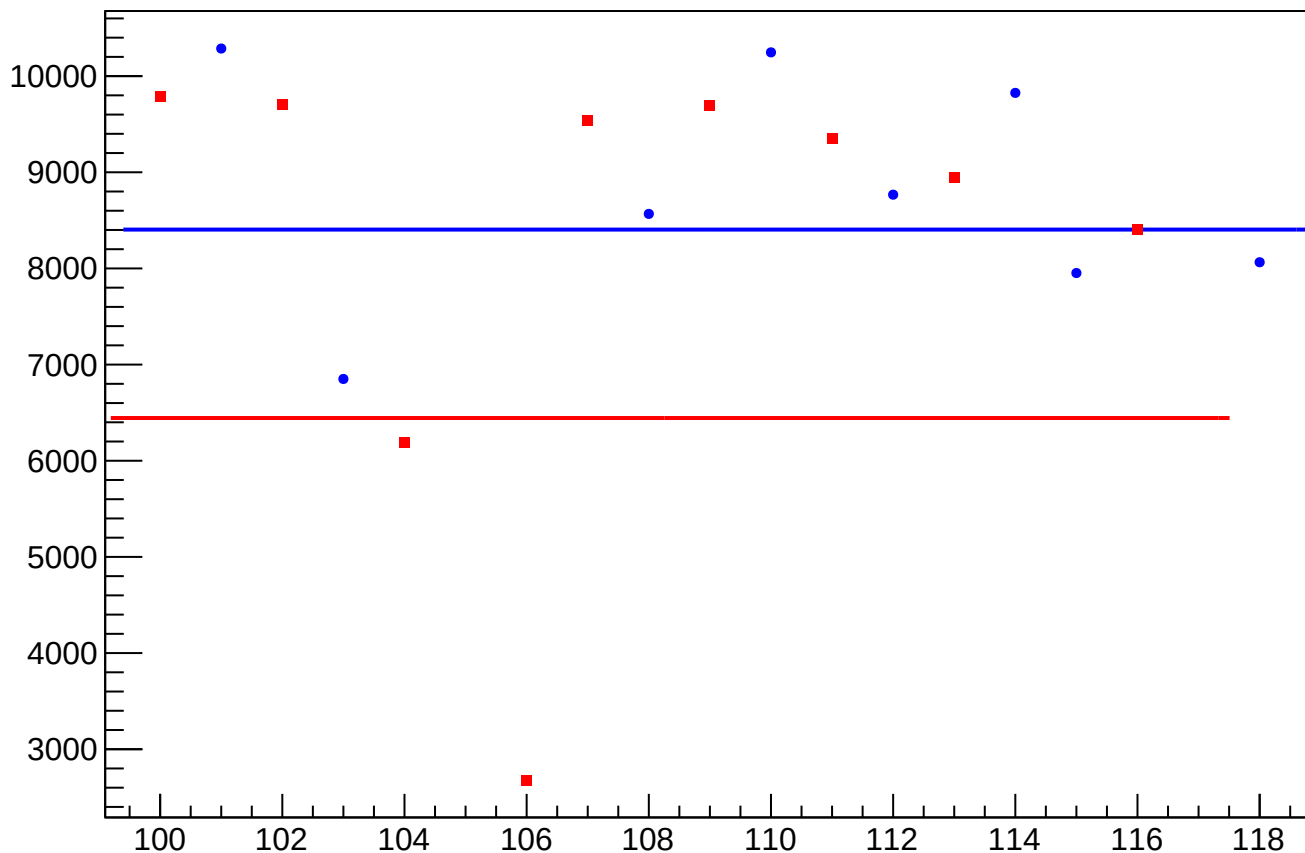
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2230.468 $\pm$ 3227.672 χ^2 /NDF: 20.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



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: 6444.458+/-2.764 χ^2/NDF : 1139124.7/8

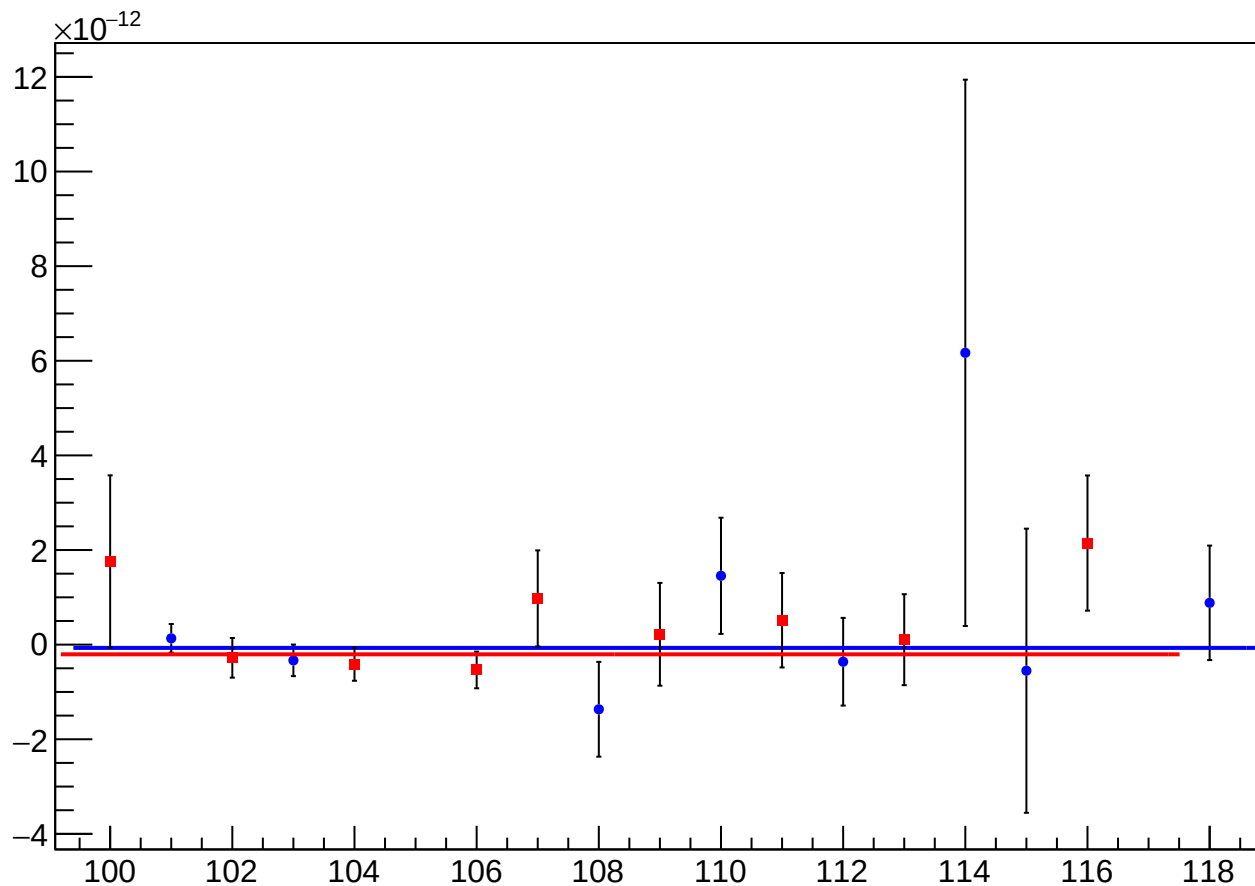
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7251.667+/-2.120 χ^2/NDF : 1484216.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug



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 : 7.1/8

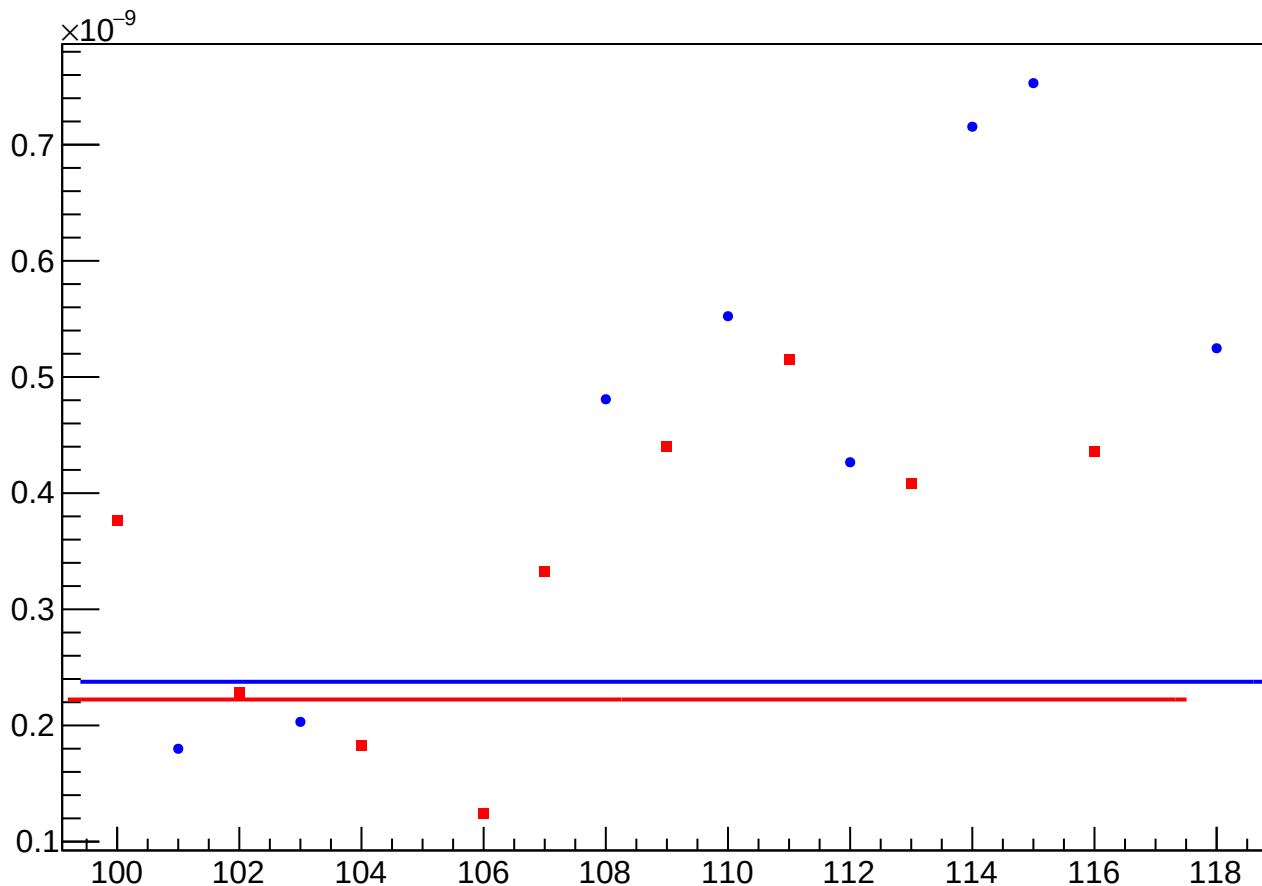
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug



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 : 564279.6/8

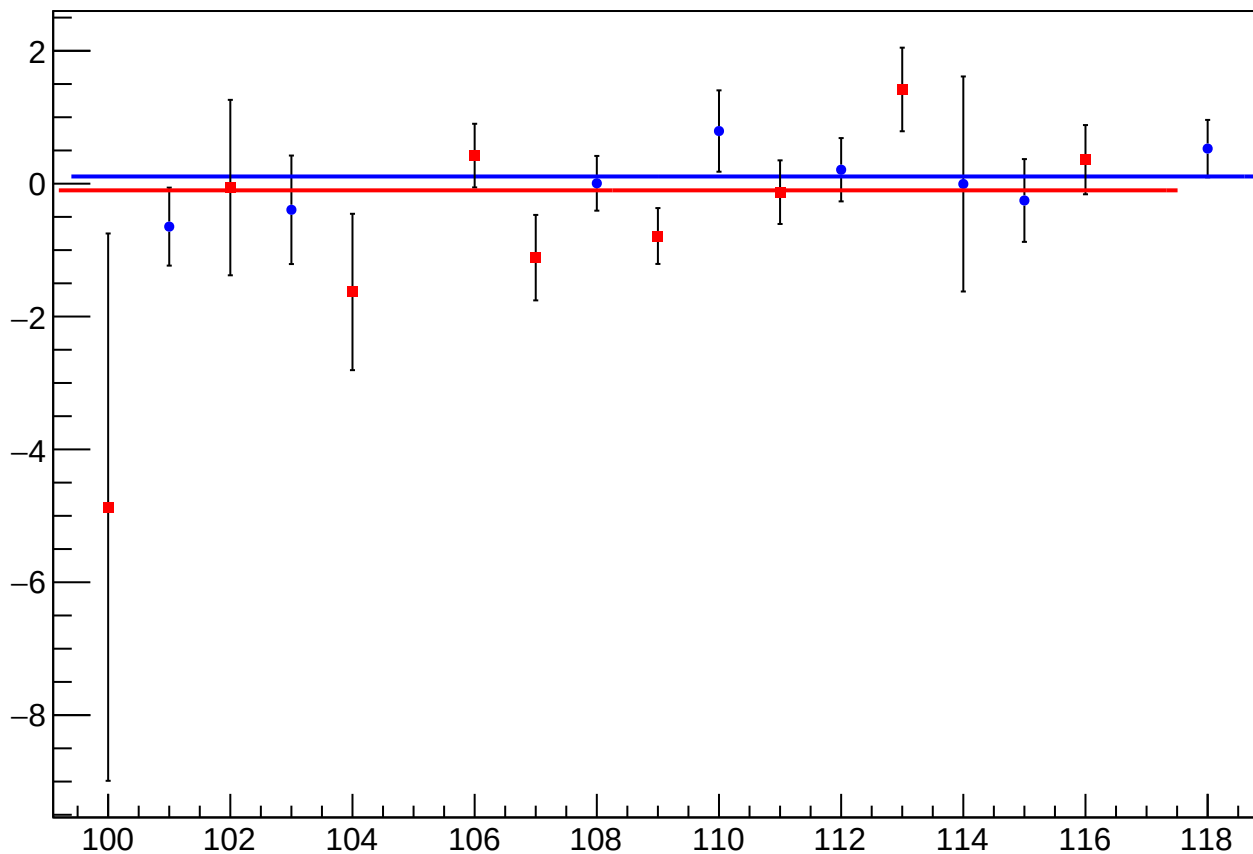
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181442.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug



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: -0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

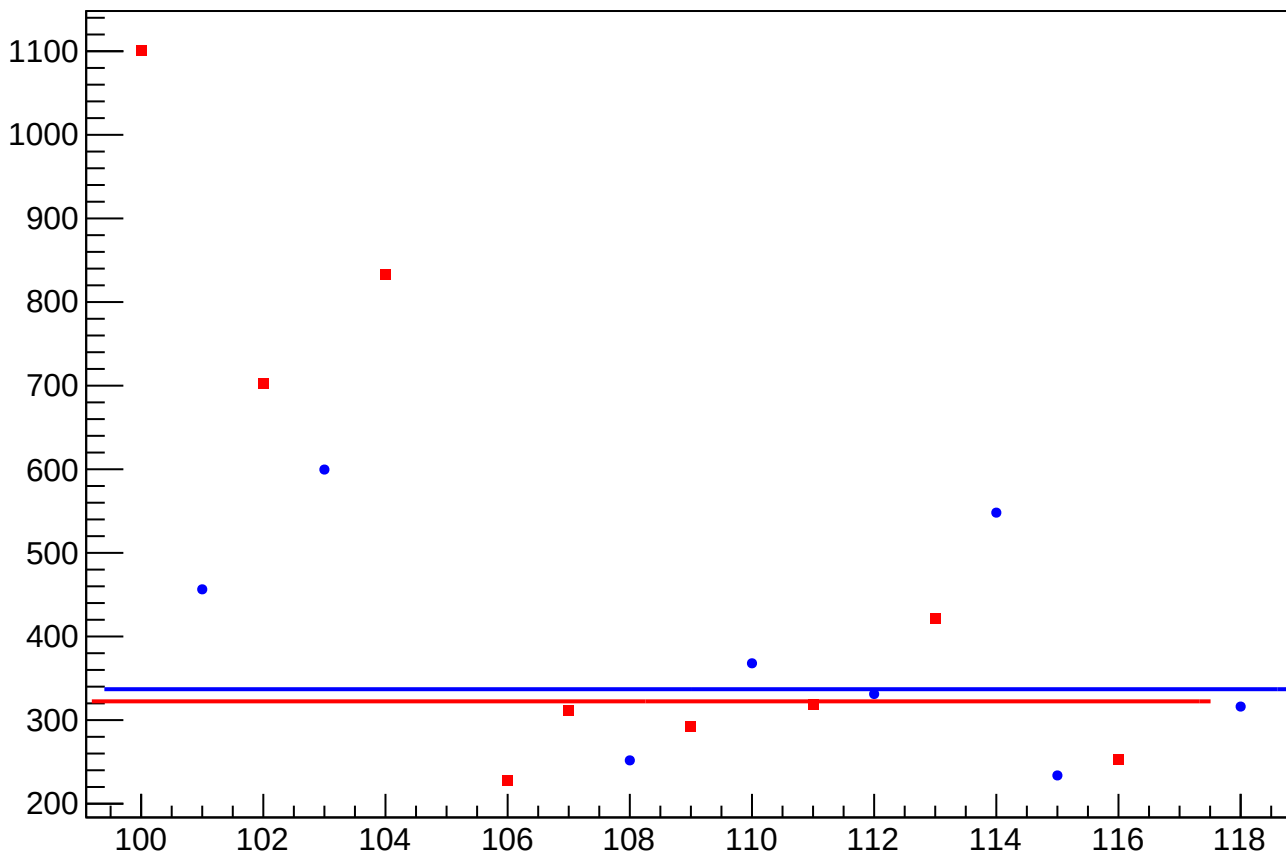
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.141 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug



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: 322.421+/-0.143 χ^2/NDF : 788299.6/8

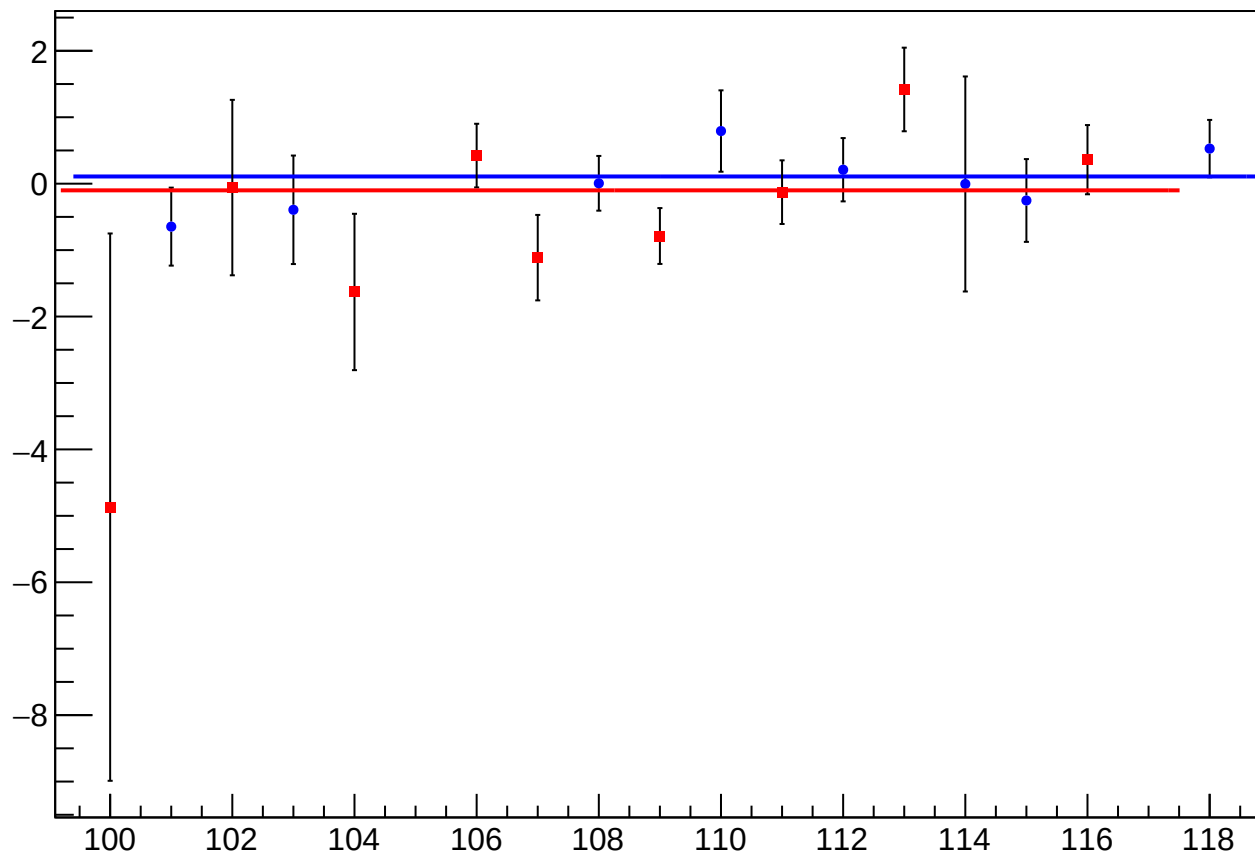
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.879+/-0.100 χ^2/NDF : 1267638.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

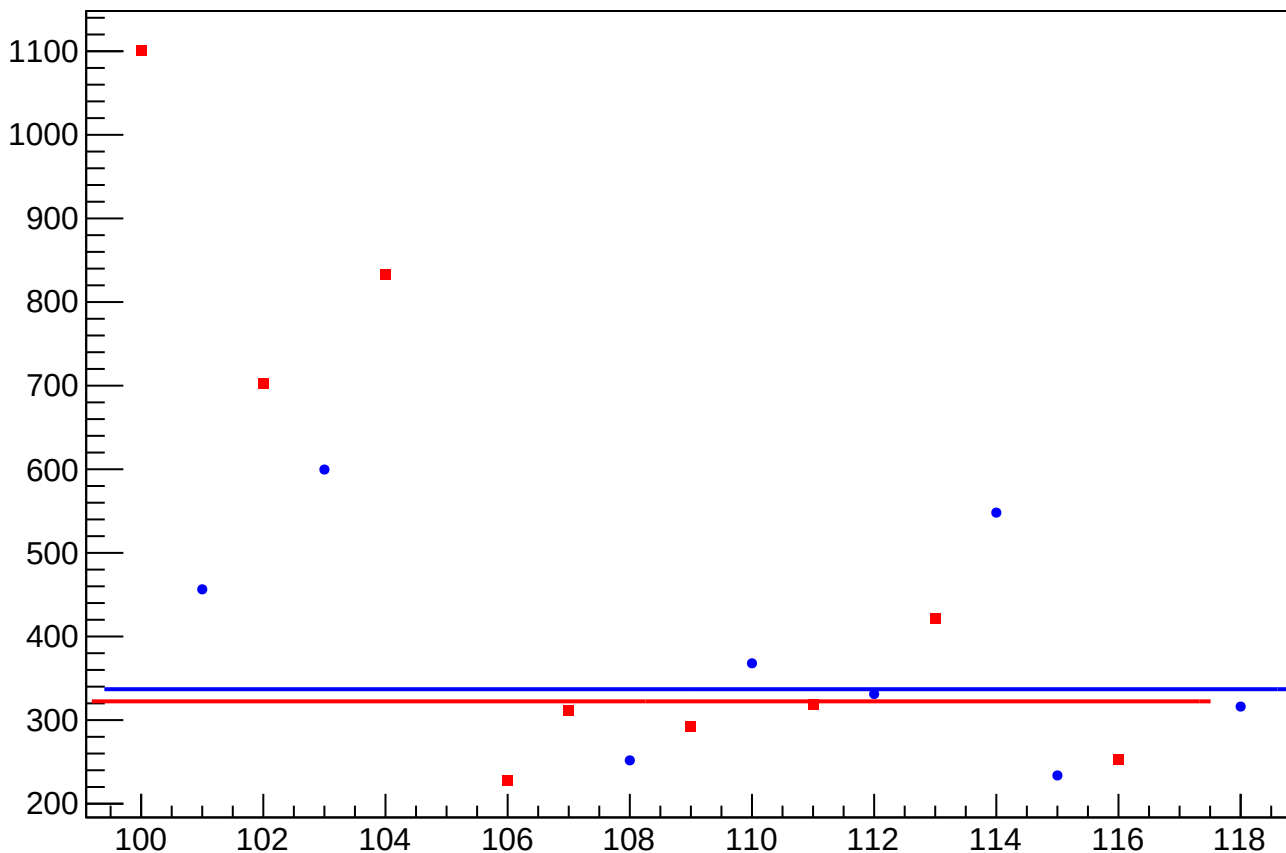
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.141 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 322.421+/-0.143 χ^2/NDF : 788299.6/8

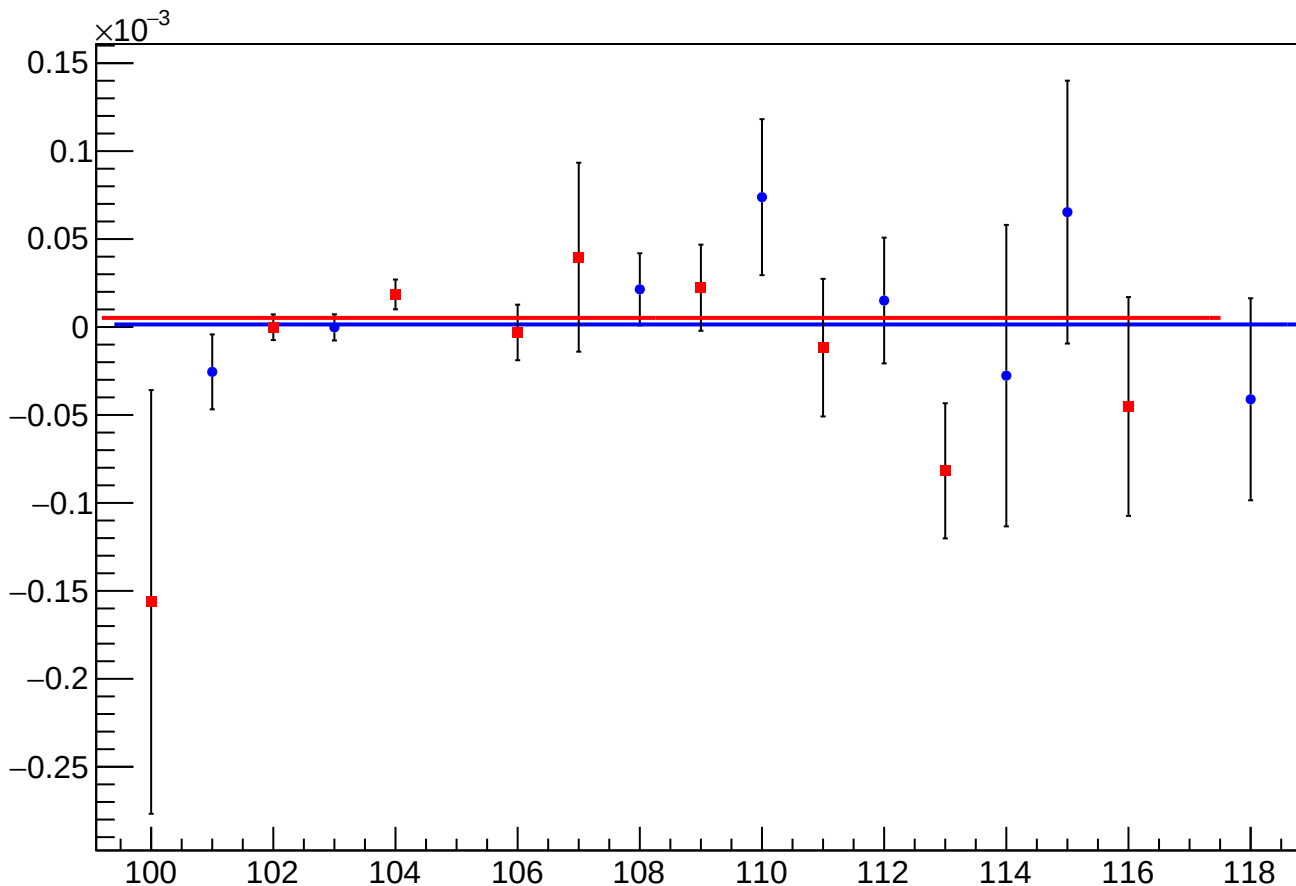
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.879+/-0.100 χ^2/NDF : 1267638.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 12.0/8

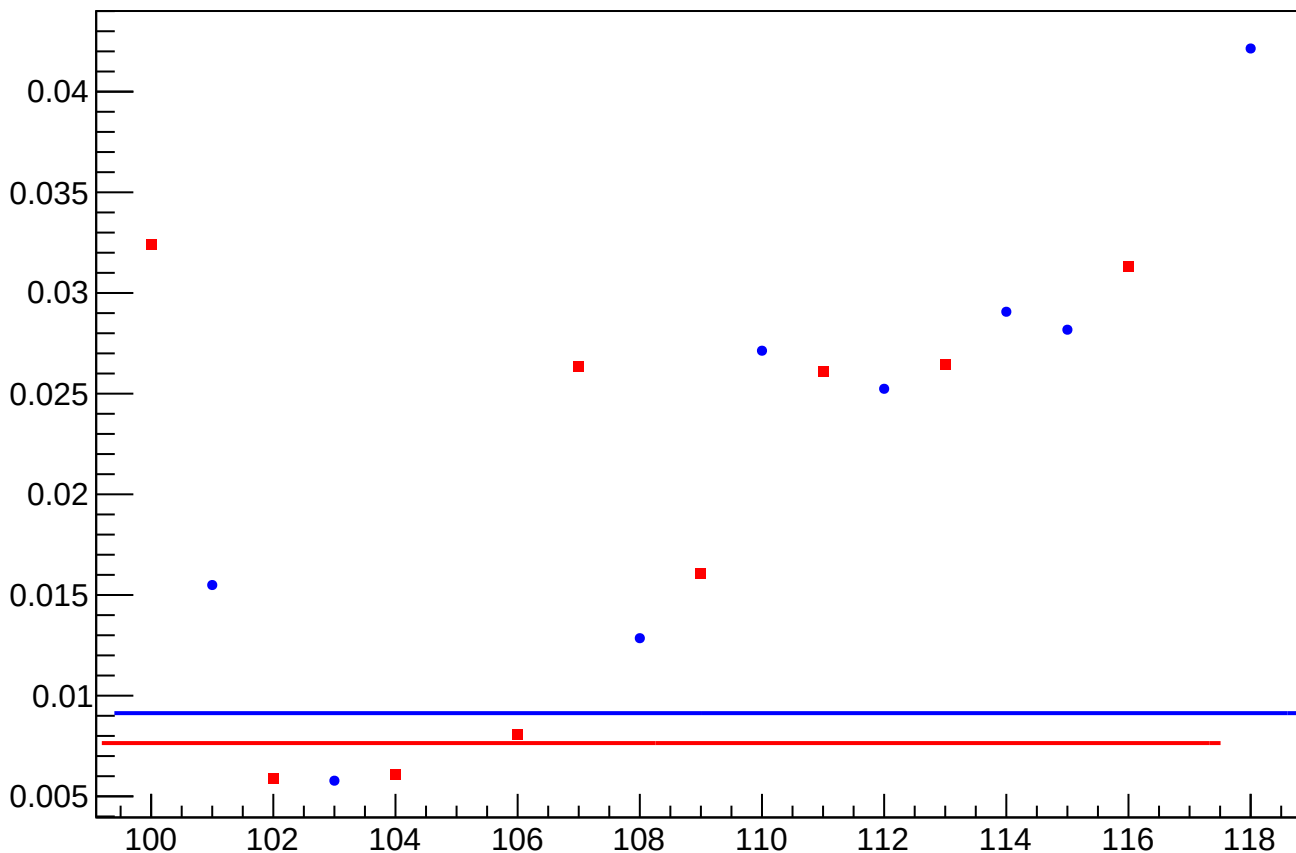
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1963444.5/8

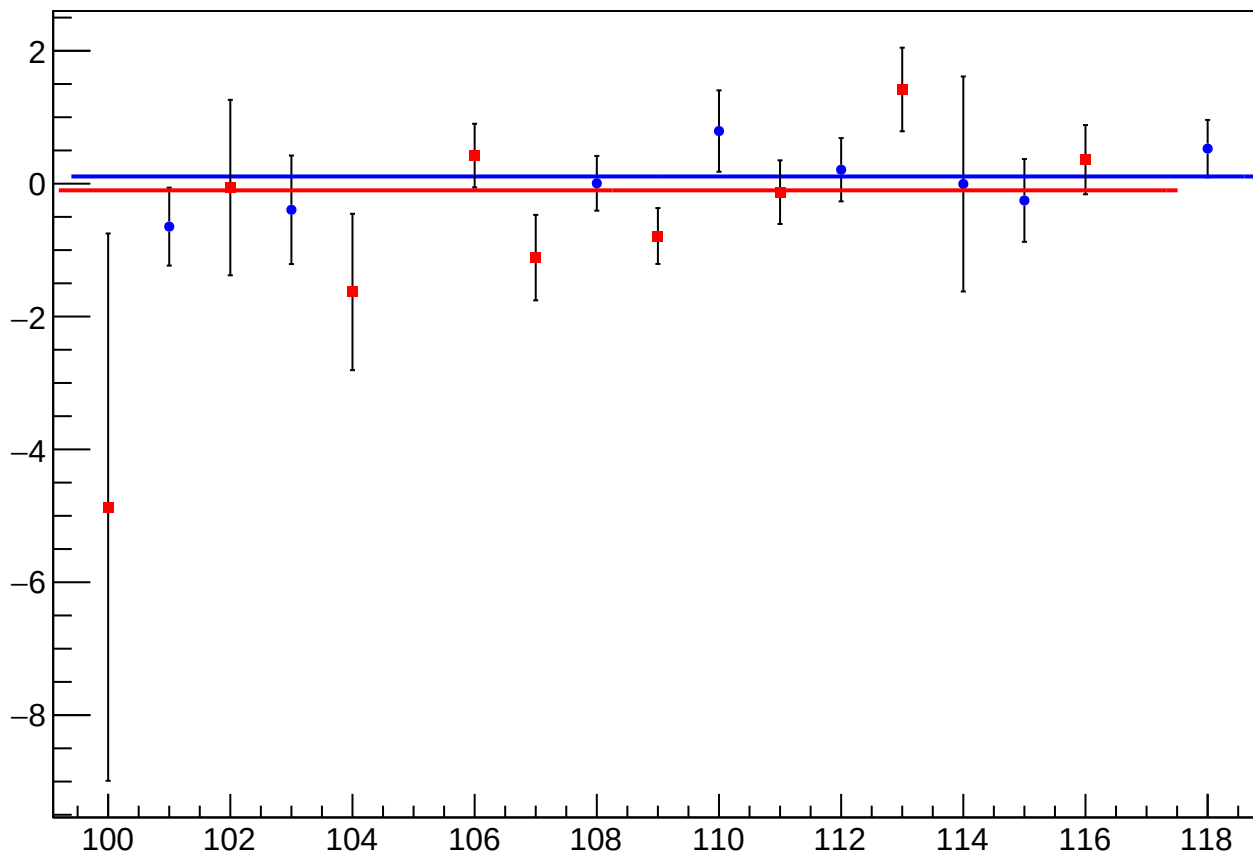
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 4318335.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

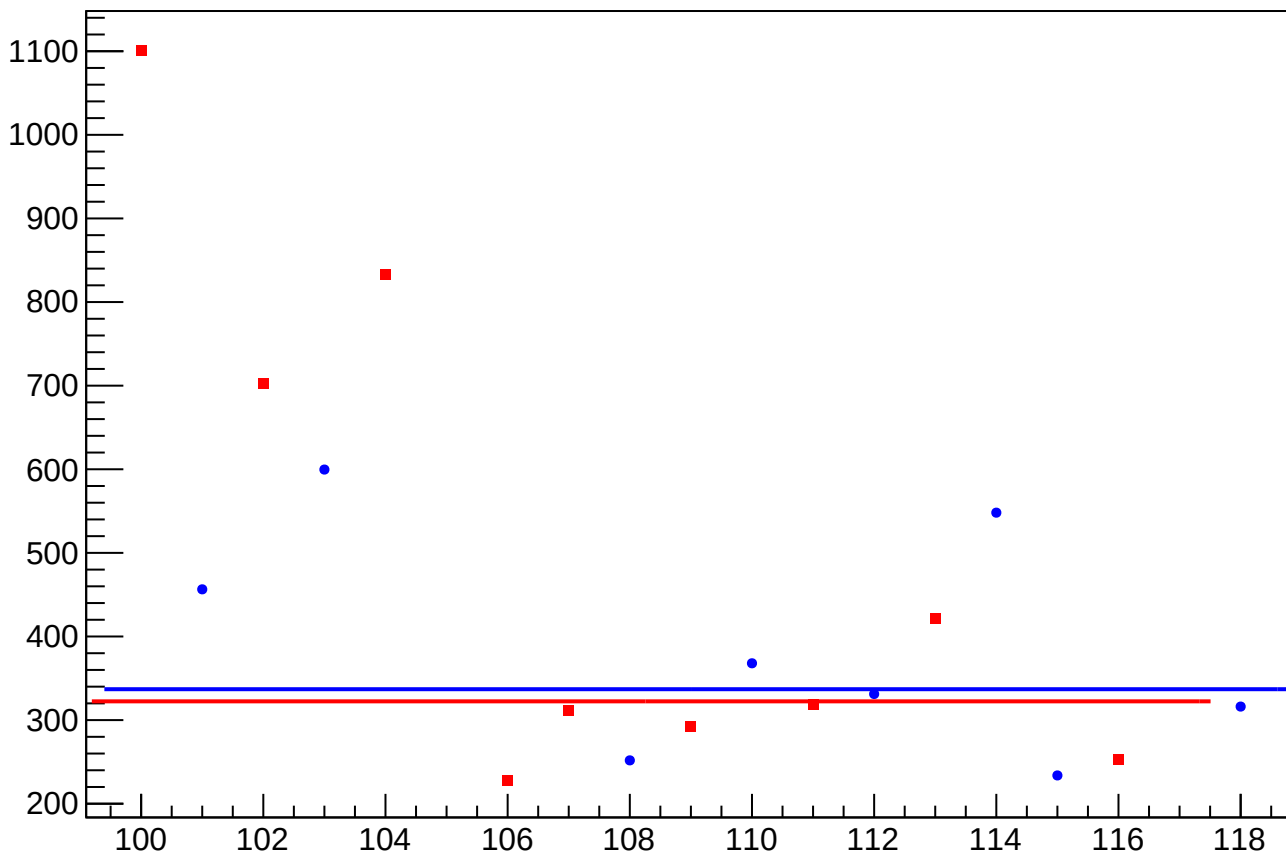
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.141 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 322.423+/-0.143 χ^2/NDF : 788281.3/8

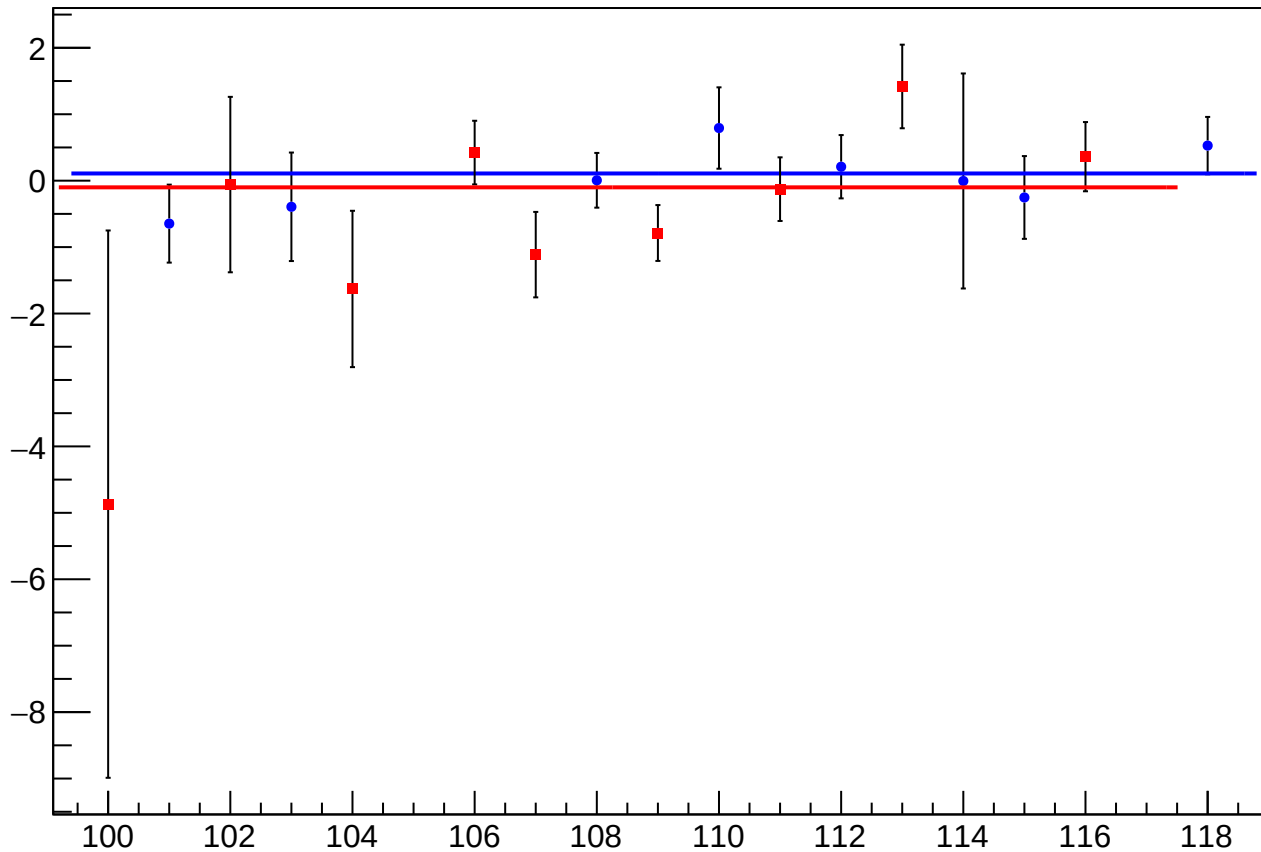
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.880+/-0.100 χ^2/NDF : 1267600.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.100 $\pm$ 0.203 χ^2 /NDF: 16.0/8

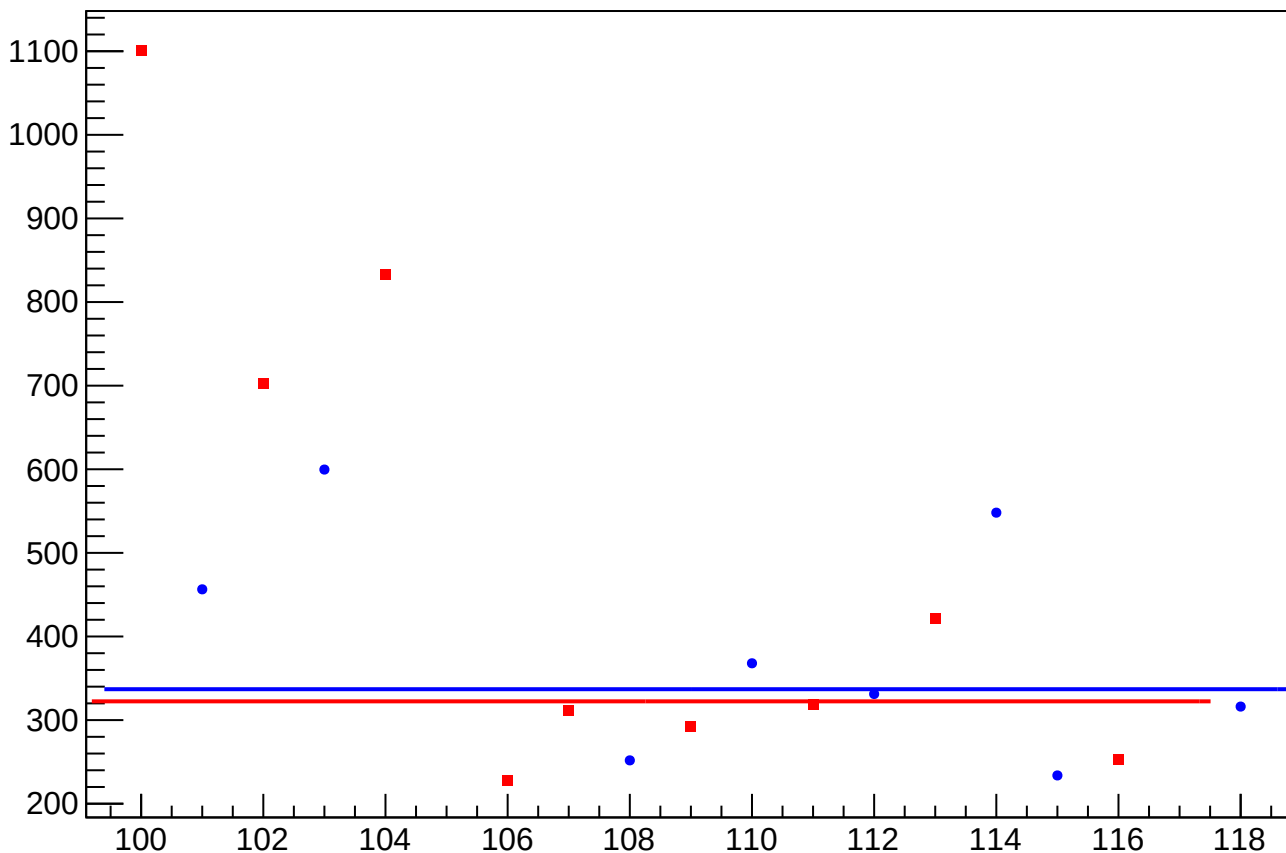
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.141 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 322.423+/-0.143 χ^2/NDF : 788281.3/8

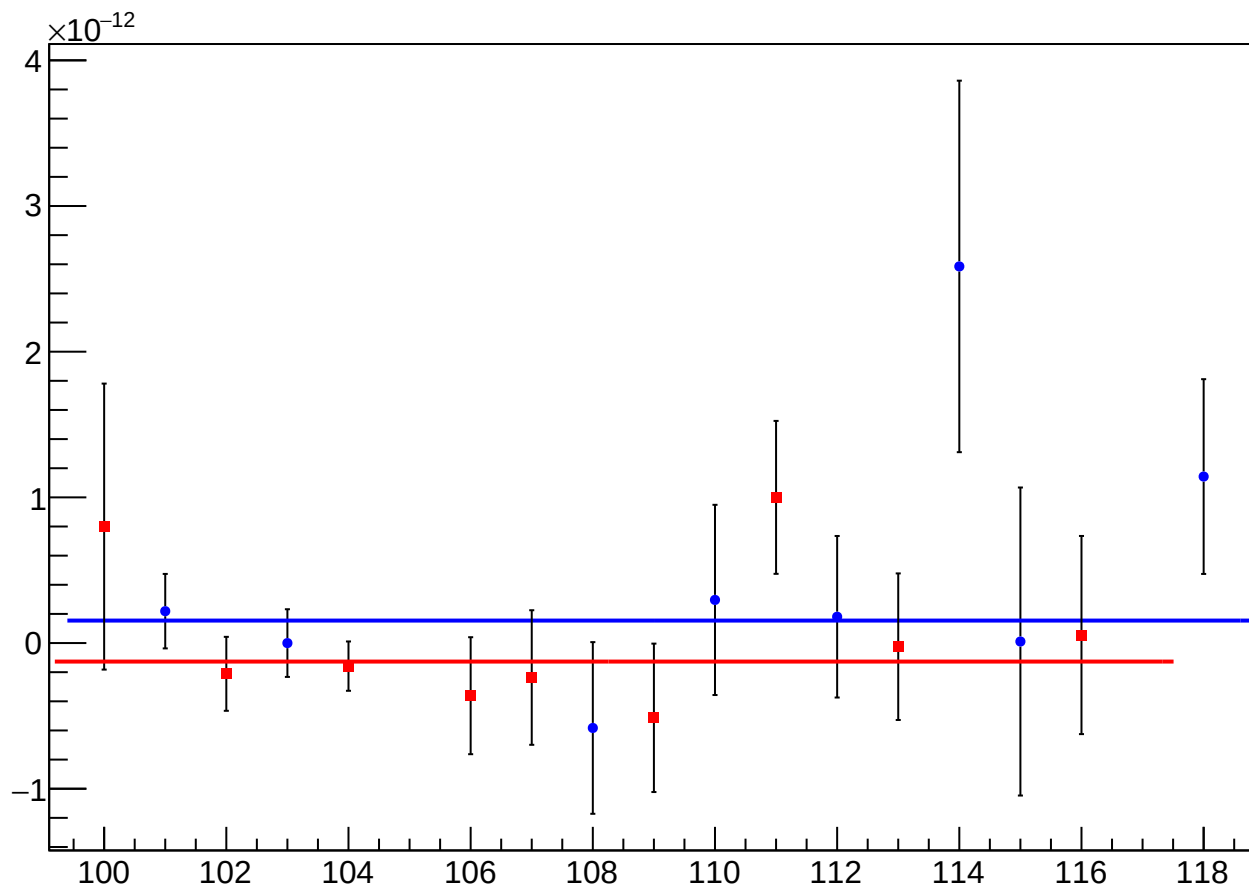
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.880+/-0.100 χ^2/NDF : 1267600.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 6.7/8

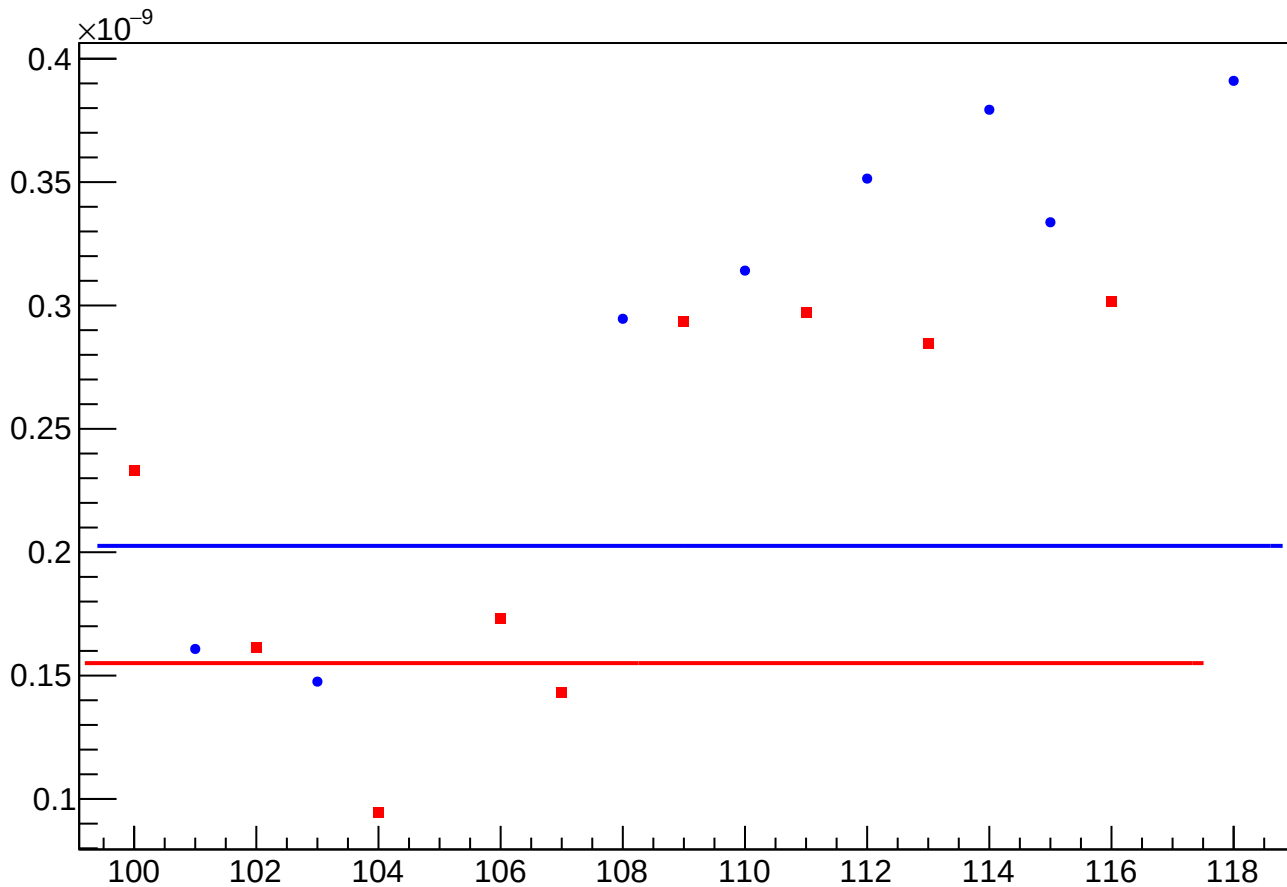
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 795342.6/8

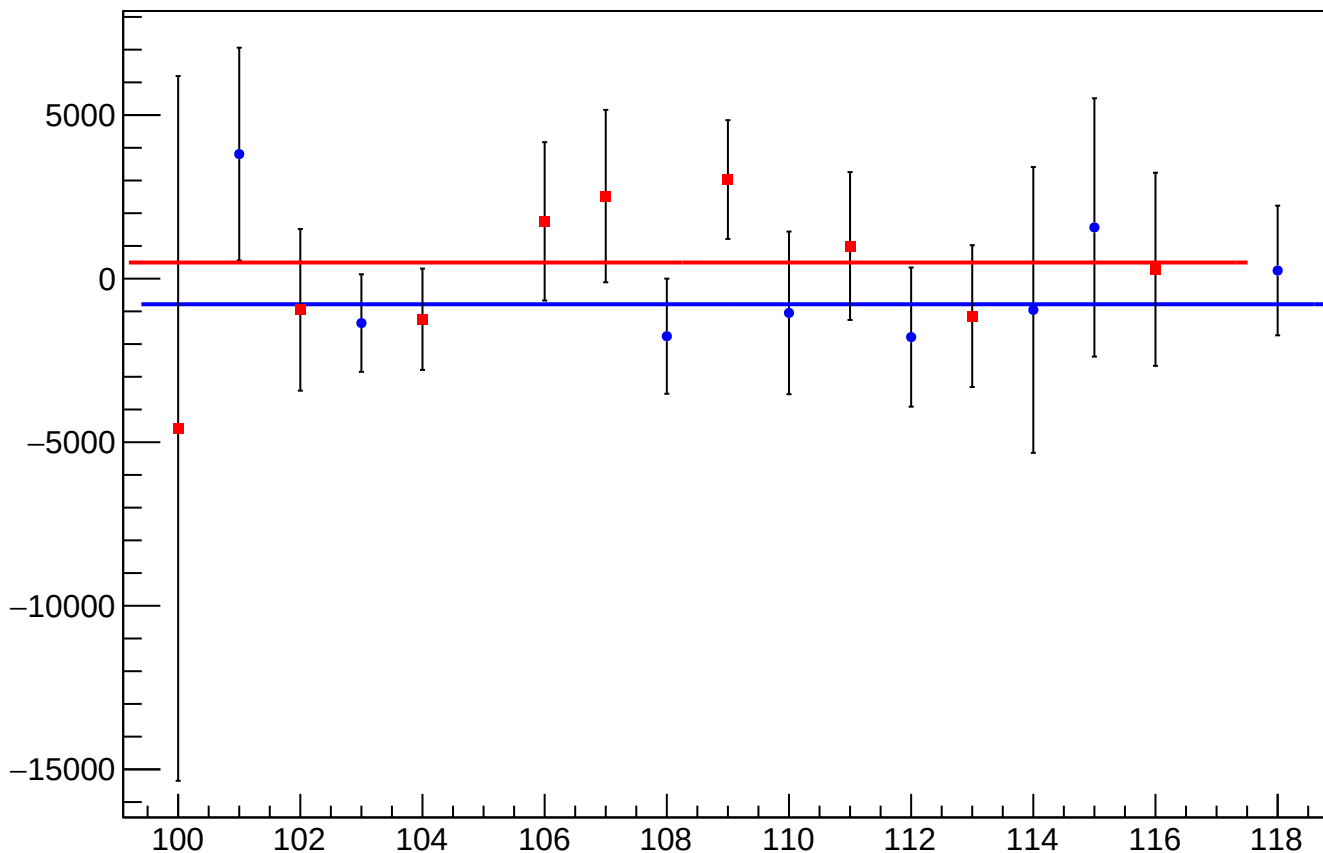
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1569974.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 493.059+/-760.061 χ^2/NDF : 5.3/8

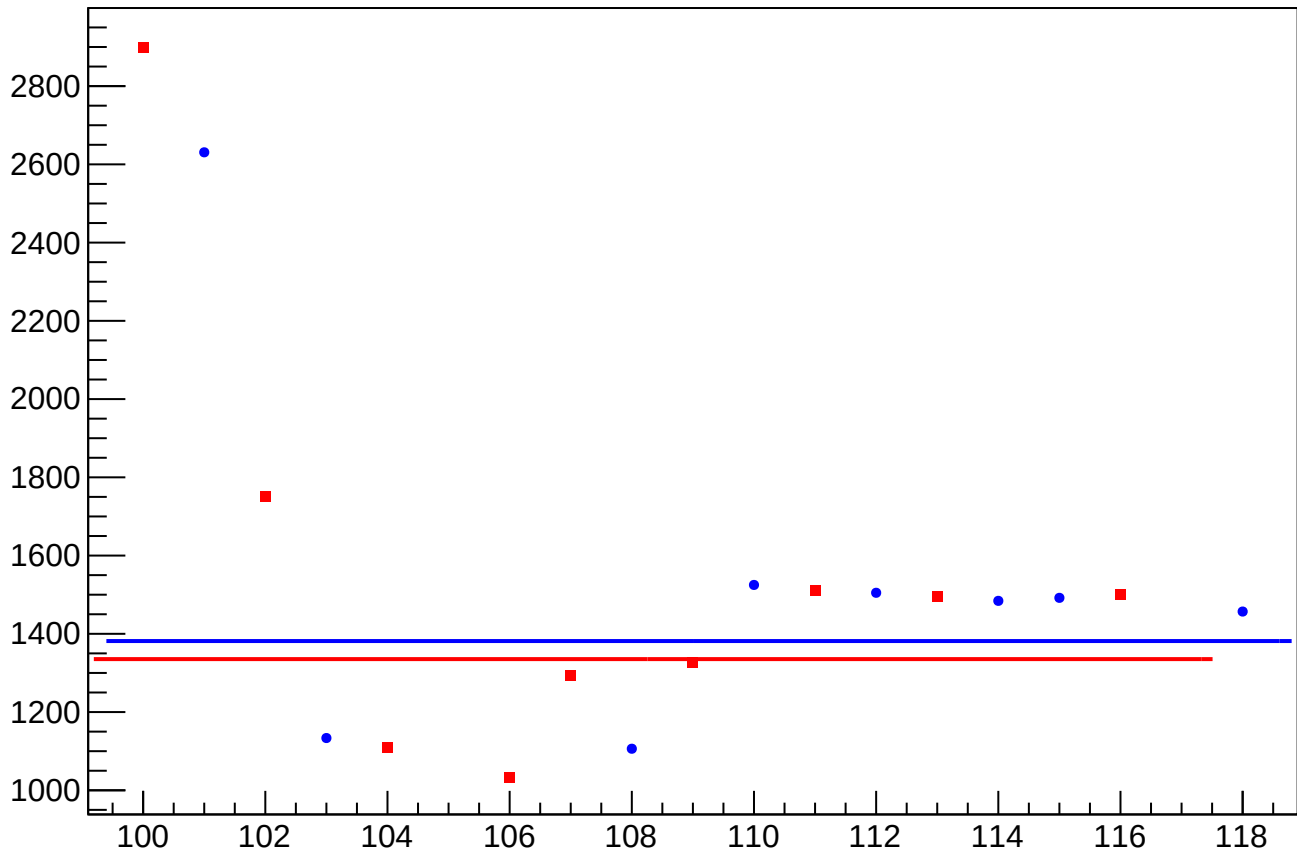
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.898+/-546.217 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



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: 1335.363+/-0.530 χ^2/NDF : 211085.7/8

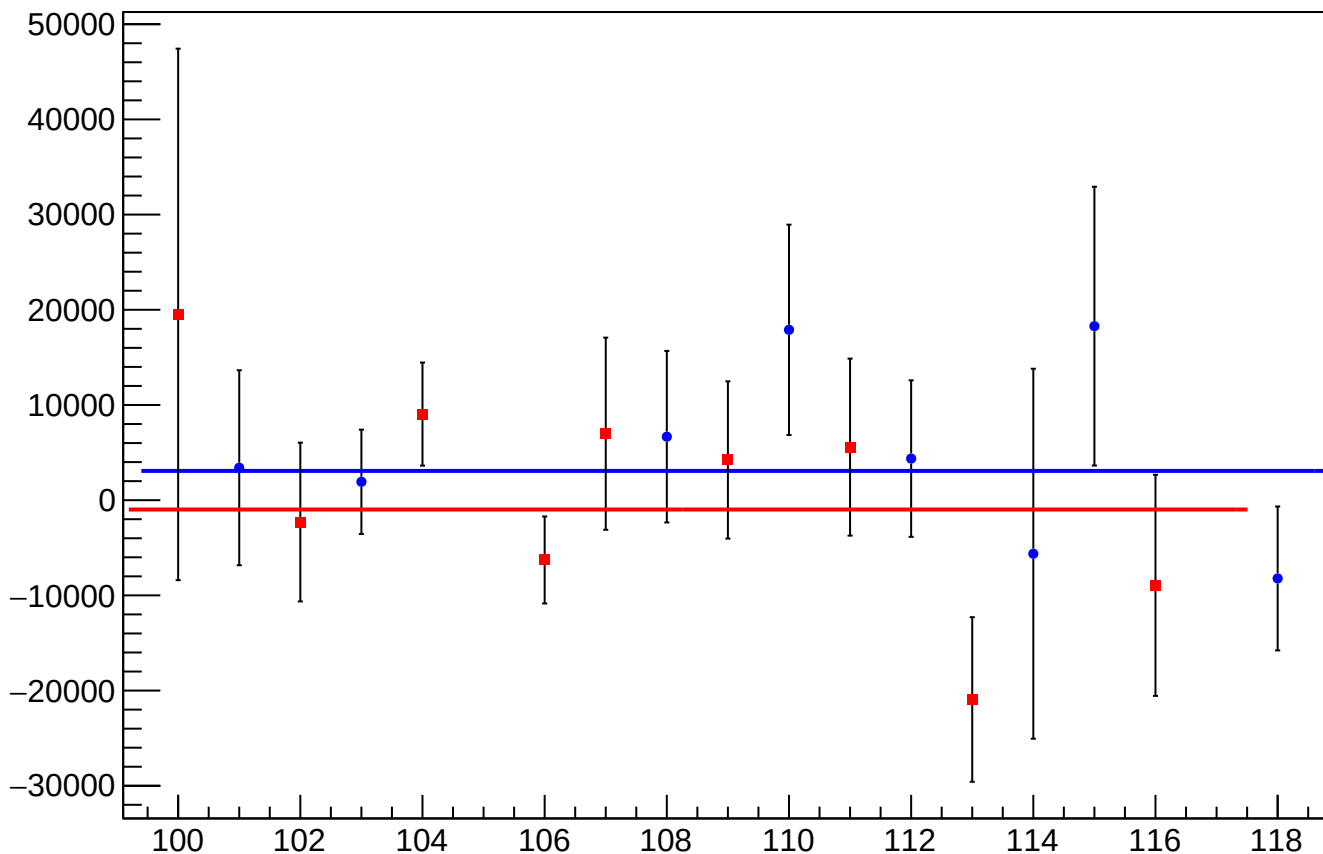
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.361+/-0.383 χ^2/NDF : 632897.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



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: -980.154+/-2544.395 χ^2/NDF : 12.7/8

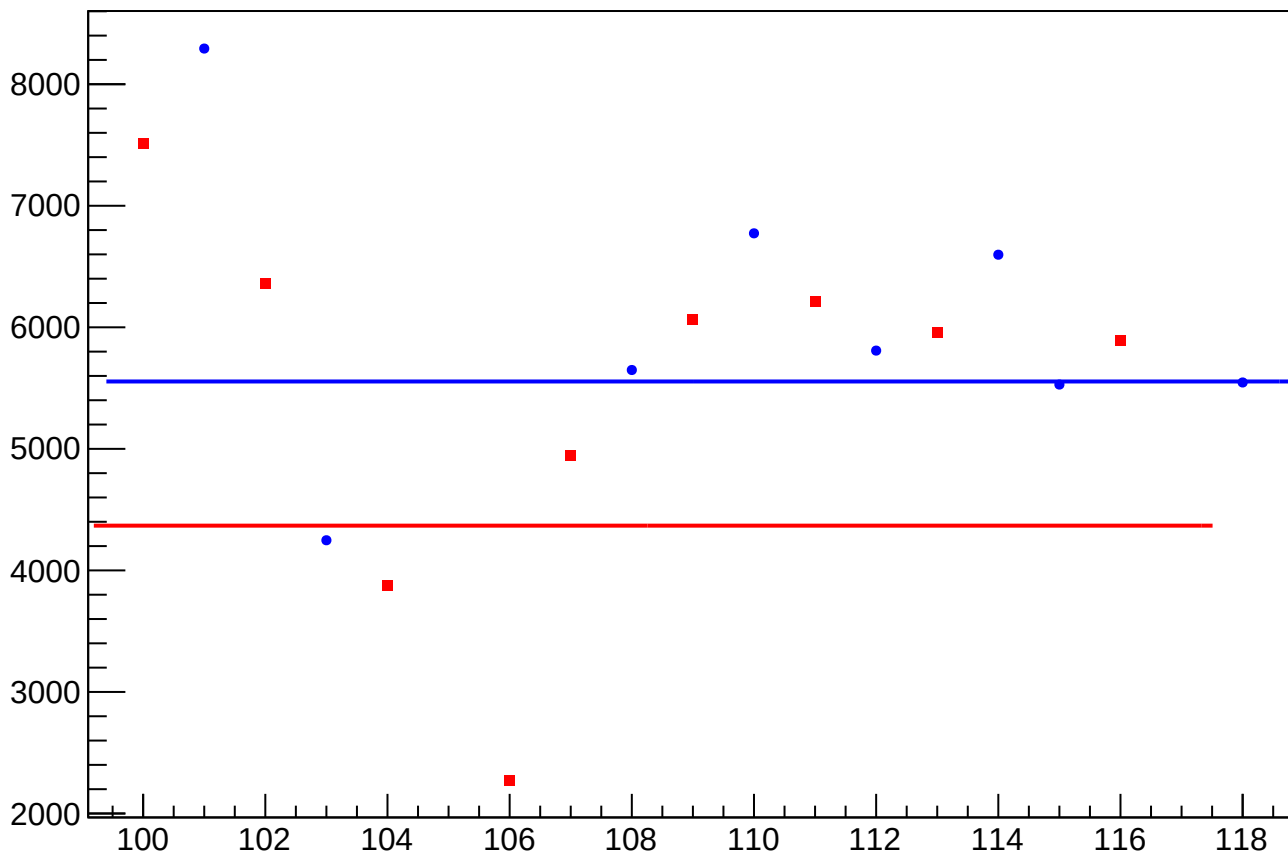
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 641.986+/-1970.886 χ^2/NDF : 19.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 5554.366 $\pm$ 2.204 χ^2 /NDF: 289003.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4368.224 $\pm$ 1.799 χ^2 /NDF: 846945.6/8

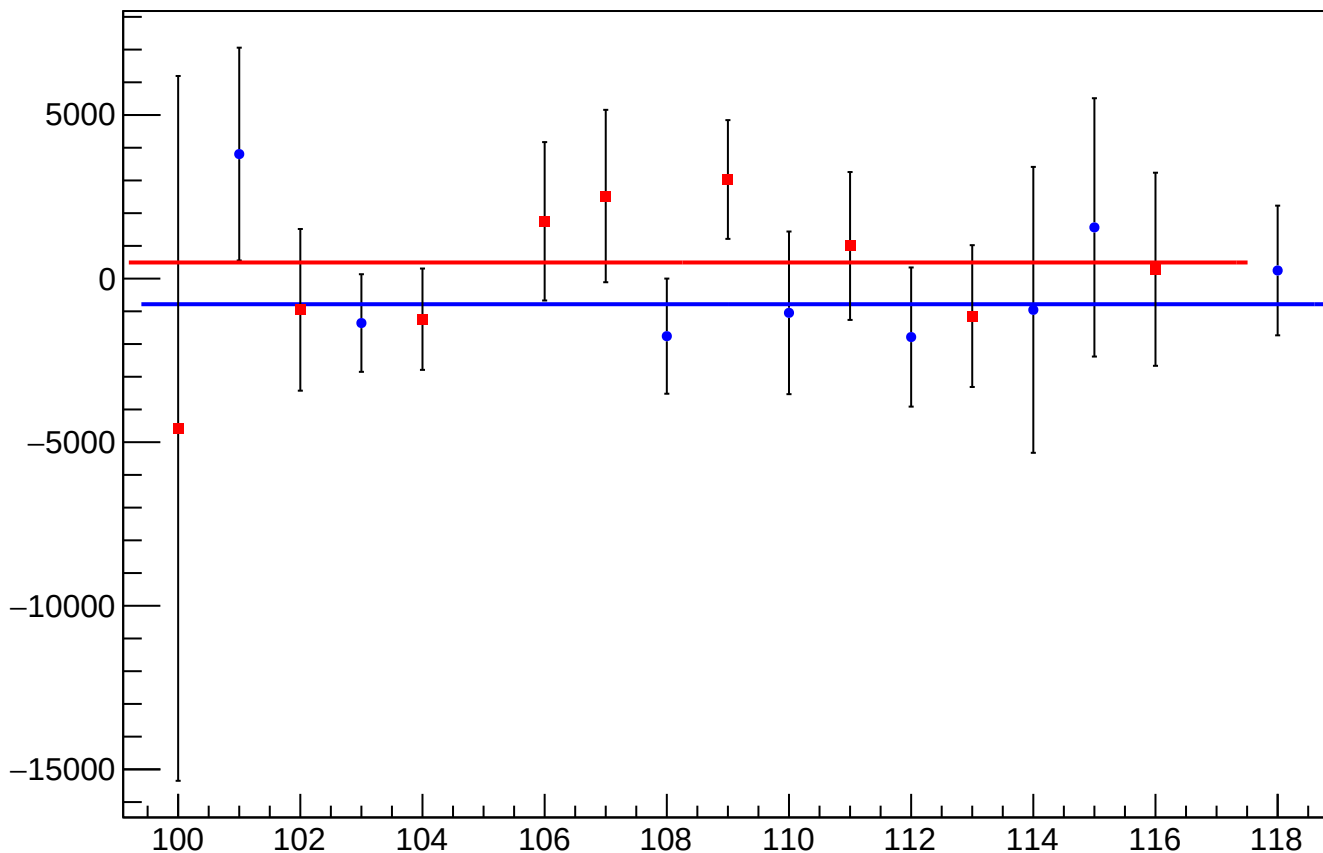
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4842.676 $\pm$ 1.394 χ^2 /NDF: 1309805.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 492.760+/-760.061 χ^2/NDF : 5.3/8

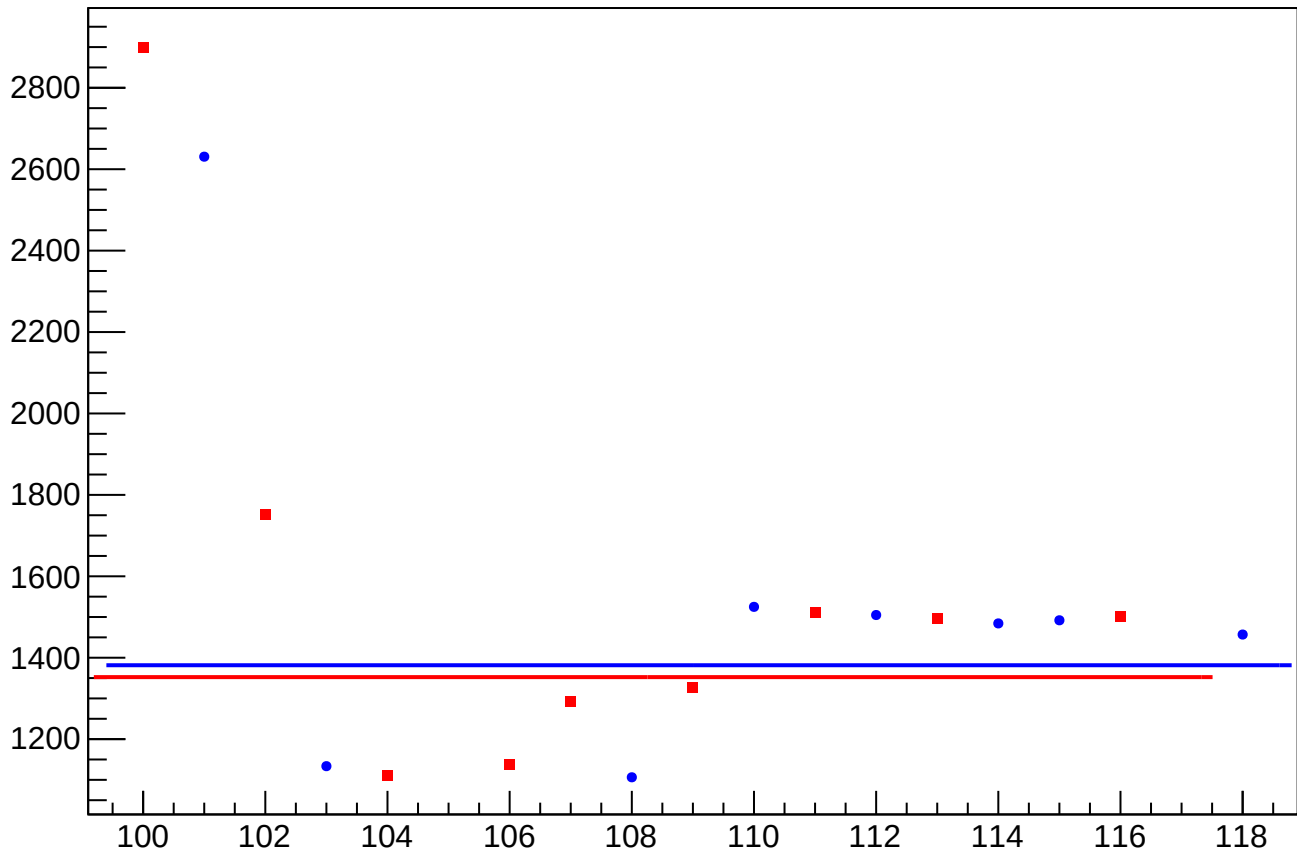
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.121+/-546.217 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1381.531 $\pm$ 0.555 χ^2 /NDF: 418194.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1352.347 $\pm$ 0.535 χ^2 /NDF: 184529.7/8

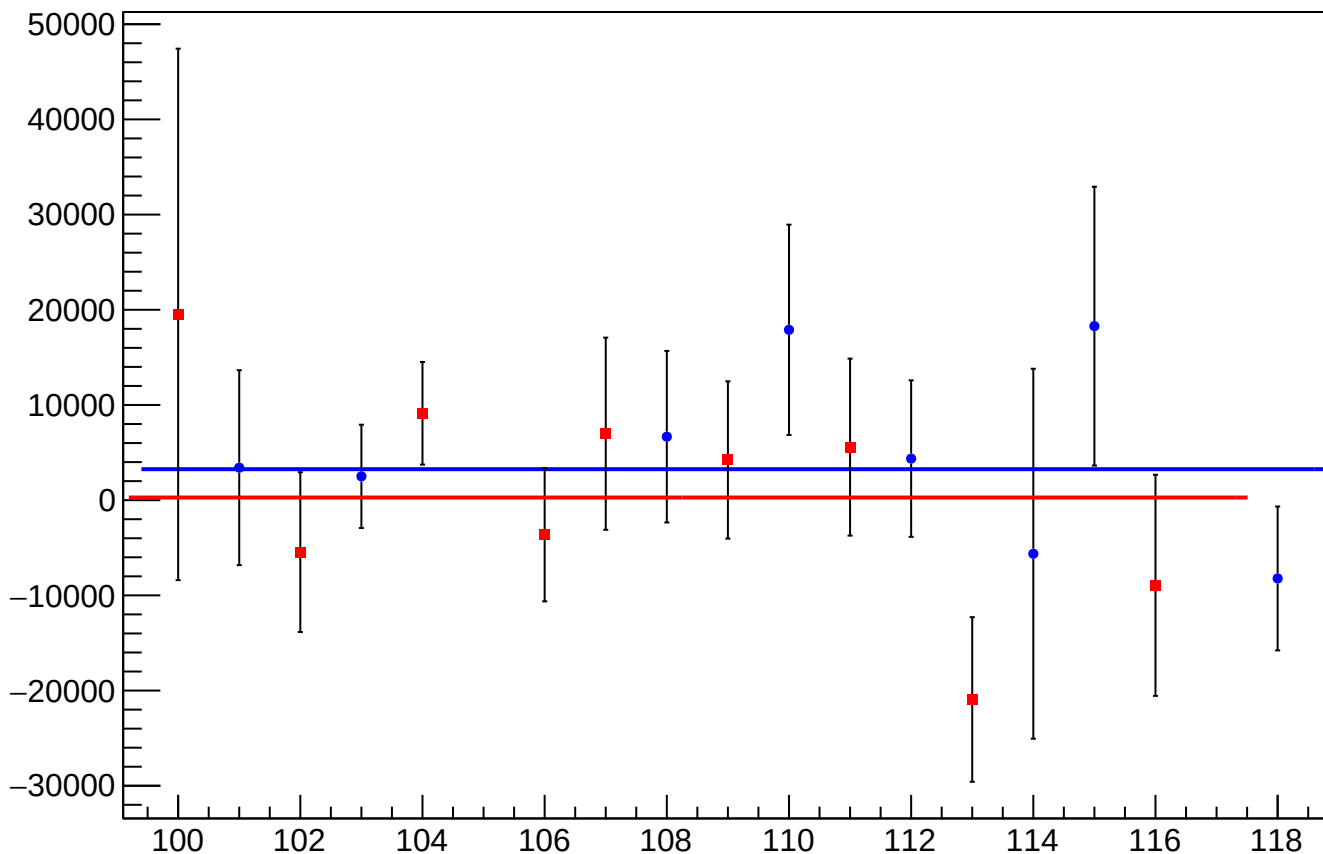
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1366.395 $\pm$ 0.385 χ^2 /NDF: 604156.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



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: 279.444+/-2804.773 χ^2/NDF : 11.6/8

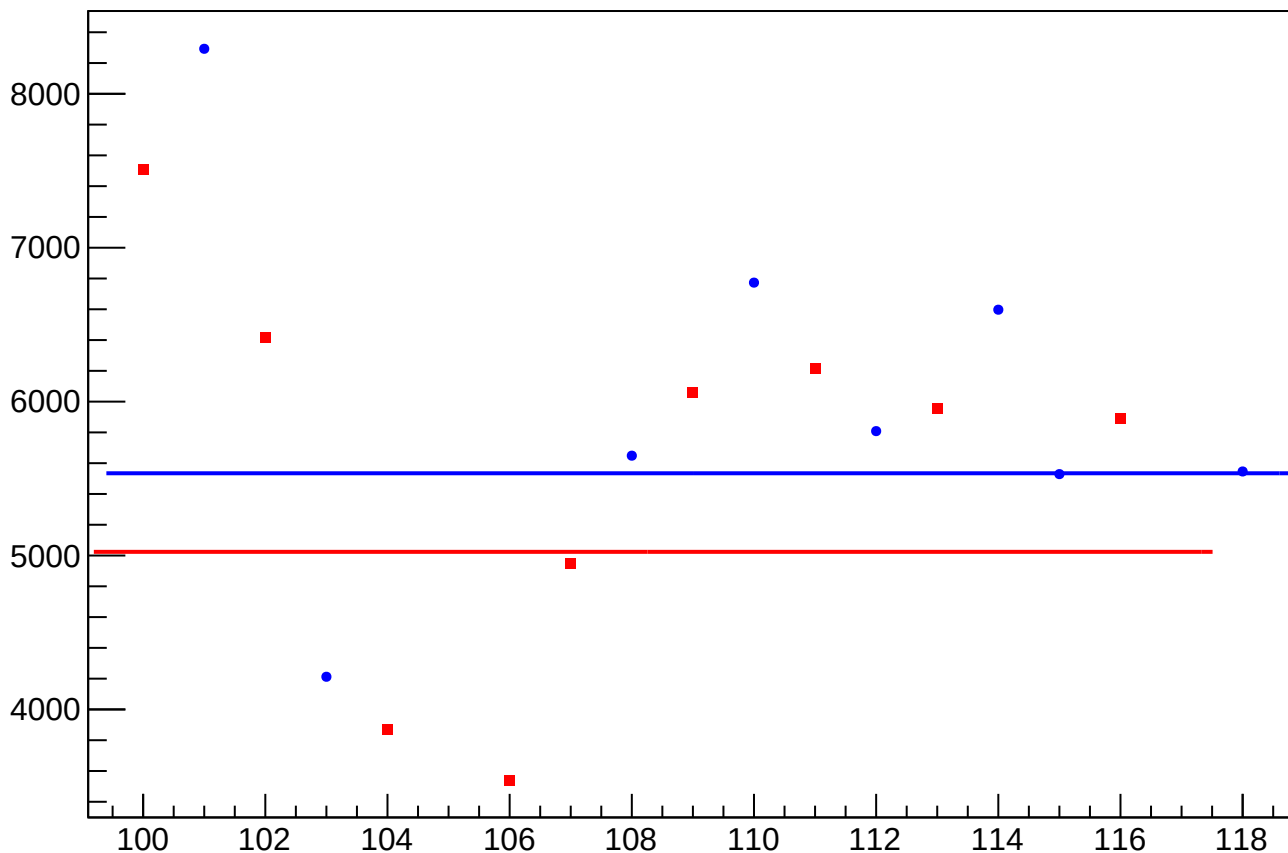
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.066+/-2081.798 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



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: 5023.960+/-1.983 χ^2/NDF : 351527.0/8

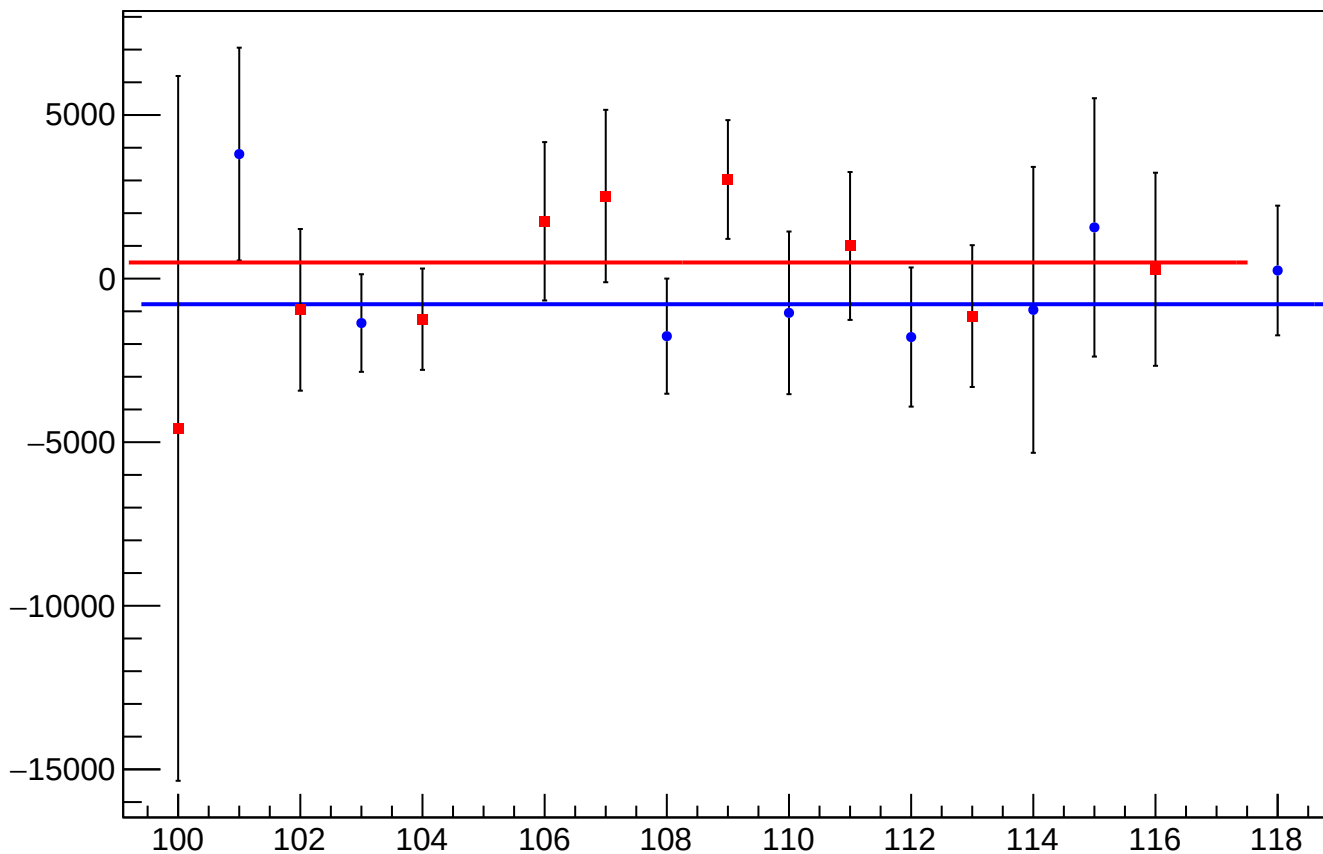
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5253.224+/-1.472 χ^2/NDF : 678781.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 492.760+/-760.061 χ^2/NDF : 5.3/8

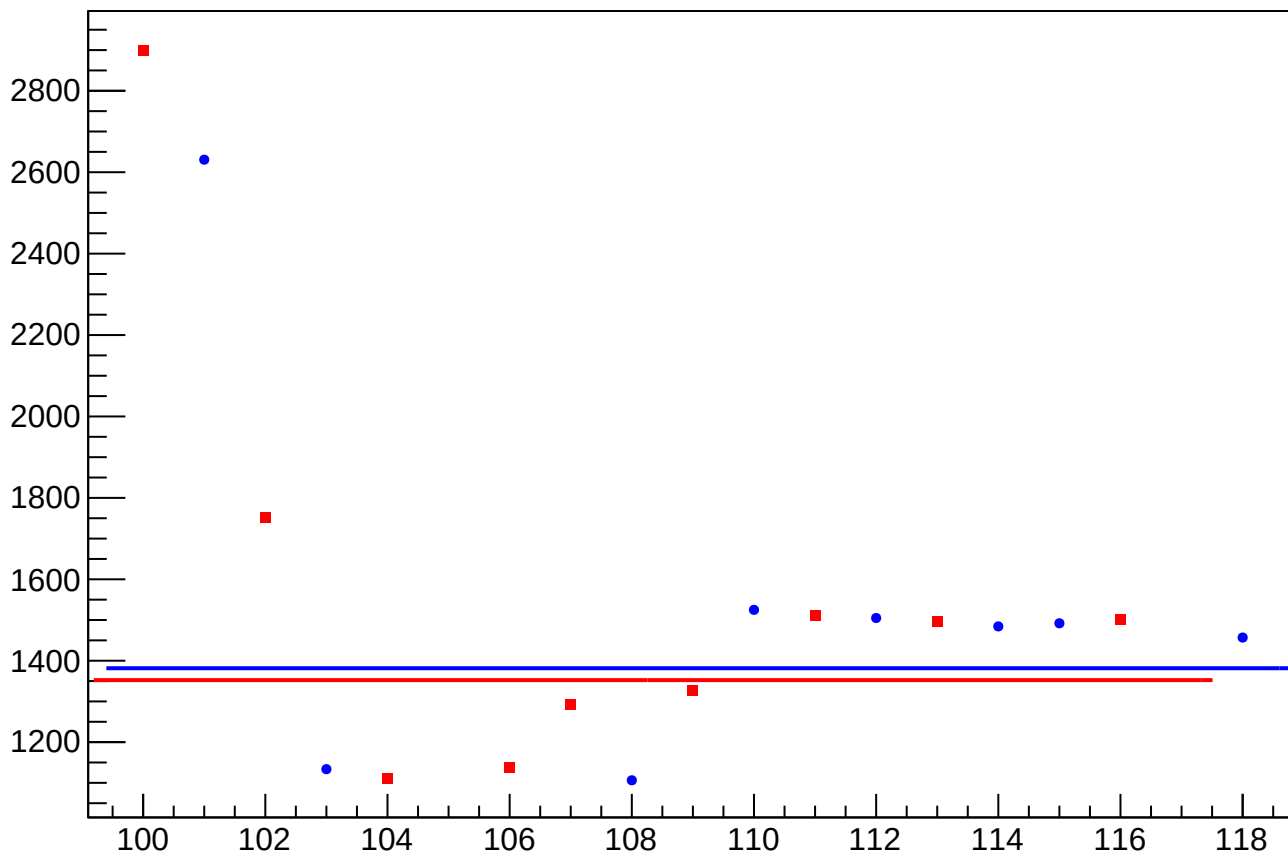
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.121+/-546.217 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



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: 1352.347+/-0.535 χ^2/NDF : 184529.7/8

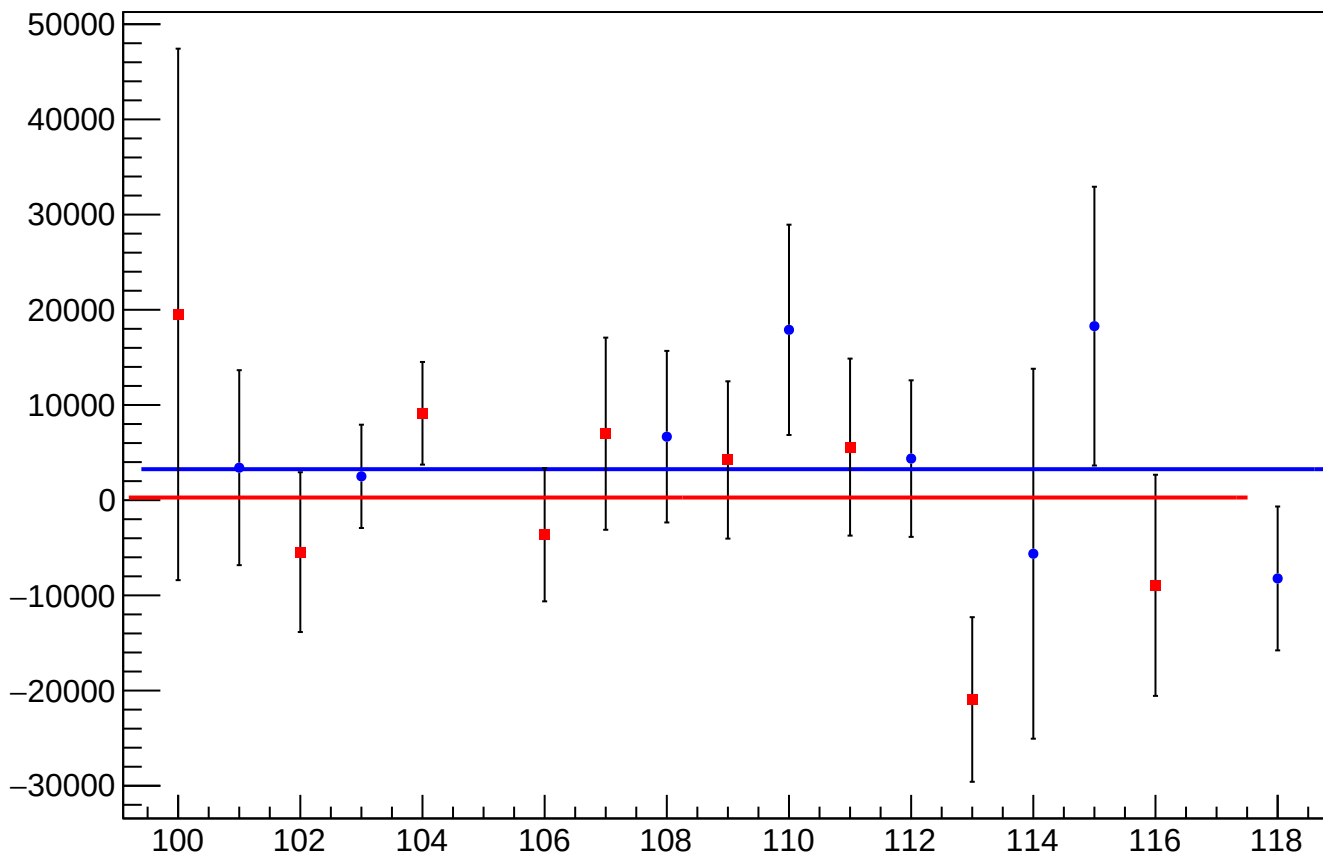
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.395+/-0.385 χ^2/NDF : 604156.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



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: 279.444+/-2804.773 χ^2/NDF : 11.6/8

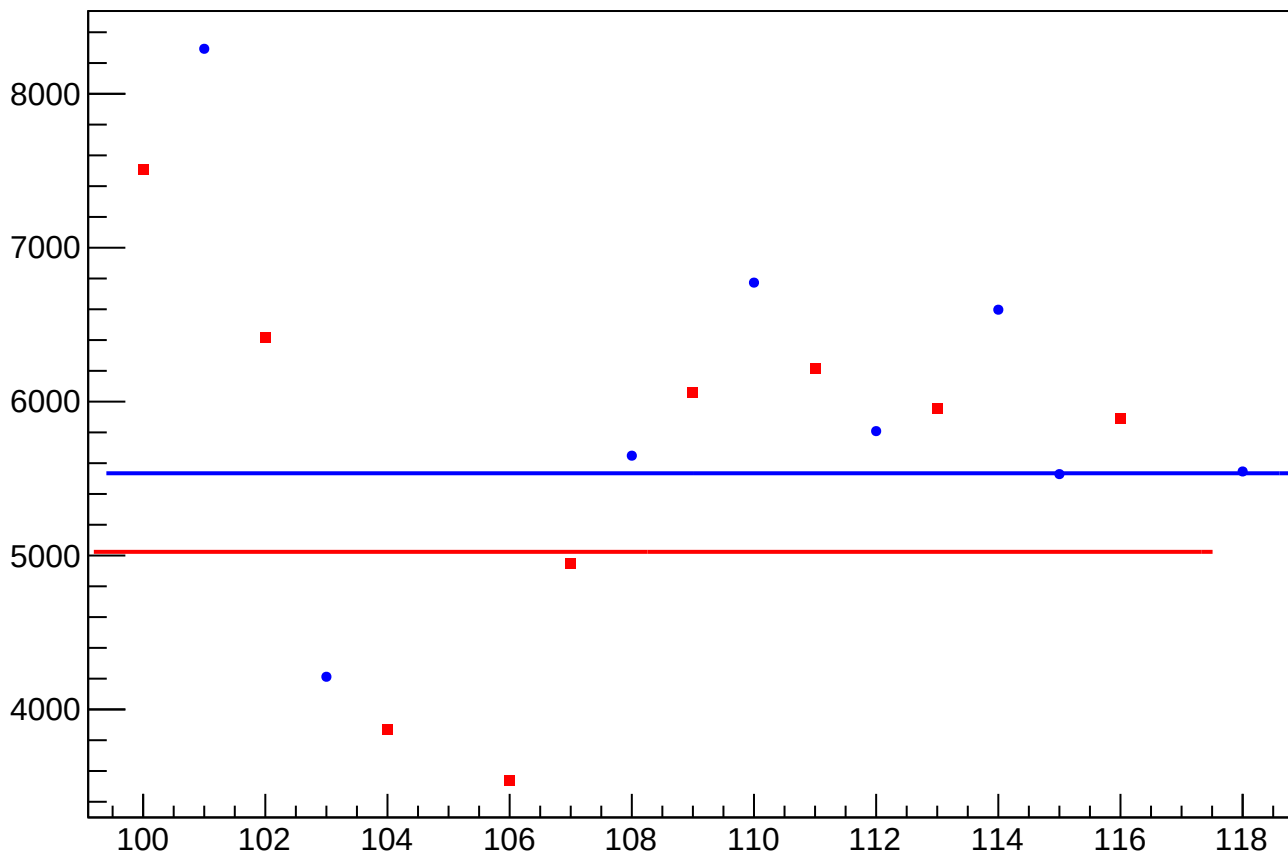
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1616.066+/-2081.798 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug



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: 5023.960+/-1.983 χ^2/NDF : 351527.0/8

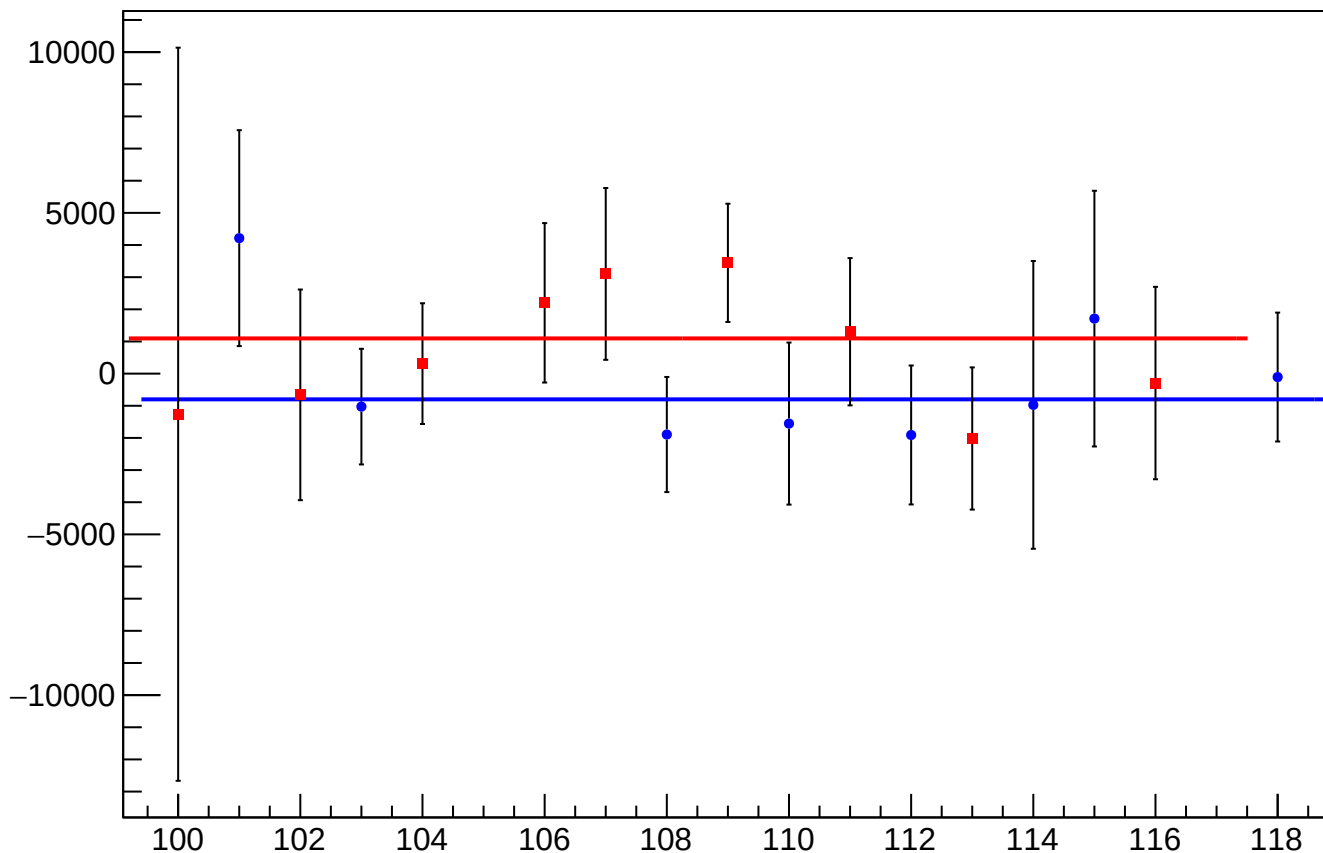
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5253.224+/-1.472 χ^2/NDF : 678781.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 1095.203+/-819.342 χ^2/NDF : 5.1/8

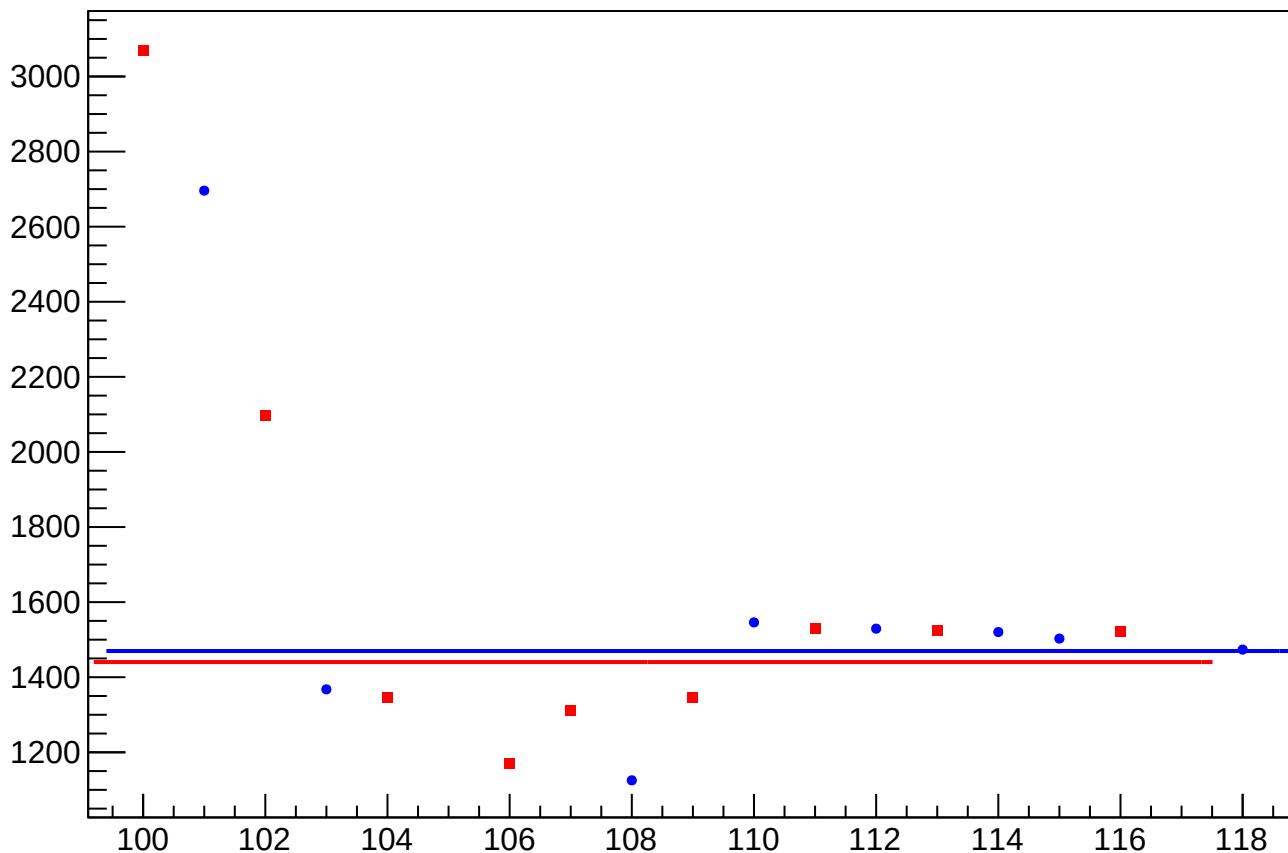
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.420+/-583.911 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1469.821+/-0.589 χ^2/NDF : 350894.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

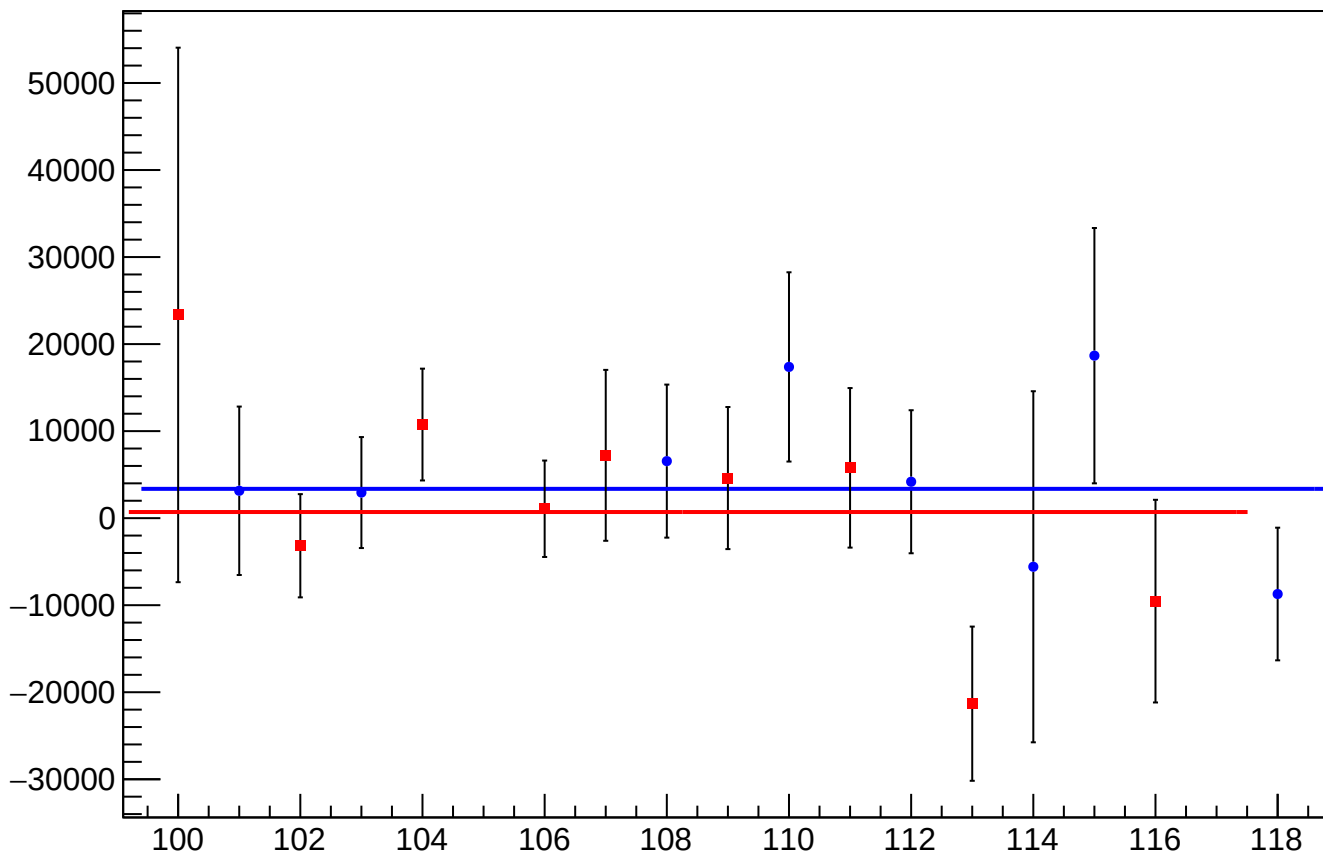
Right Out: 1440.408+/-0.579 χ^2/NDF : 167531.4/8

All: 1454.874+/-0.413 χ^2/NDF : 519694.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 3367.494 $\pm$ 3230.761 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 705.130 $\pm$ 2637.875 χ^2 /NDF: 11.4/8

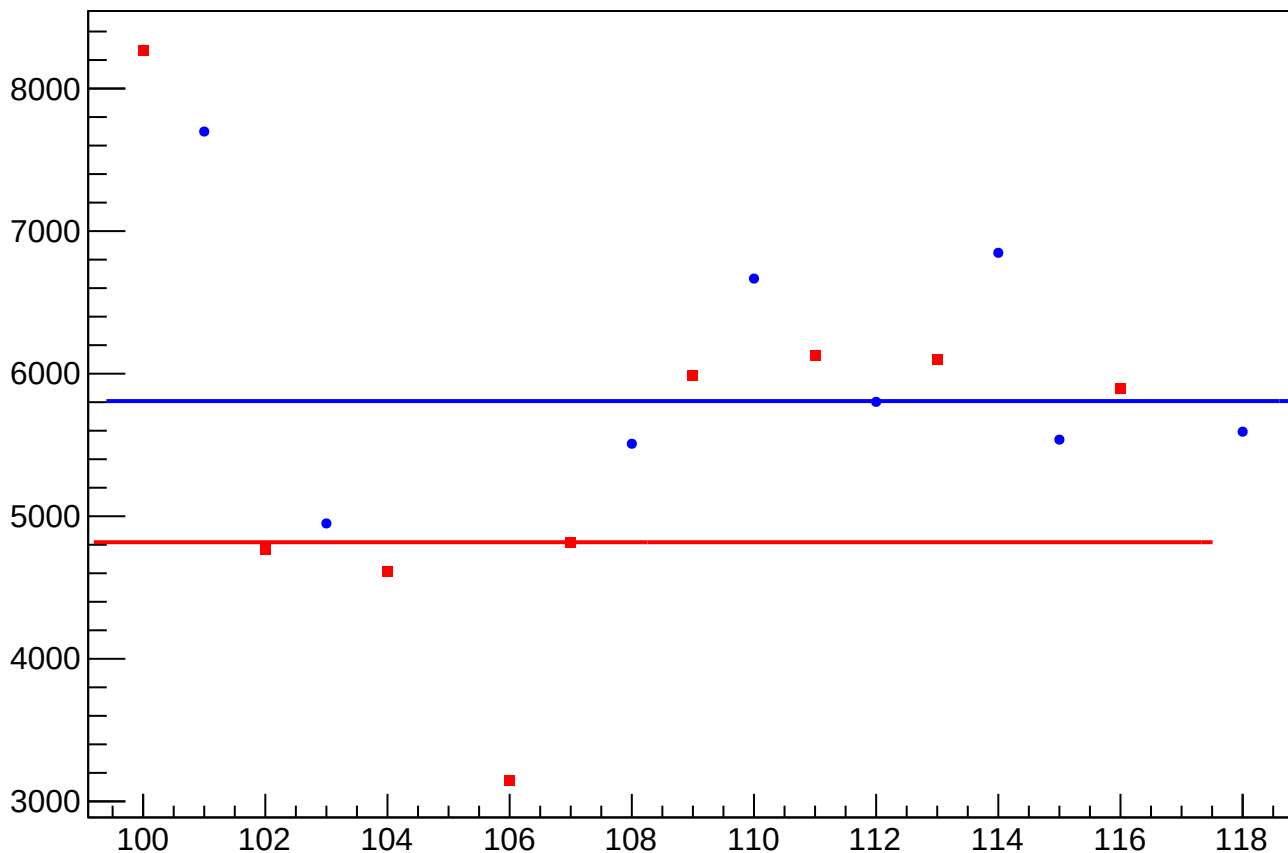
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1770.062 $\pm$ 2043.299 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



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: 4817.847+/-1.865 χ^2/NDF : 349719.7/8

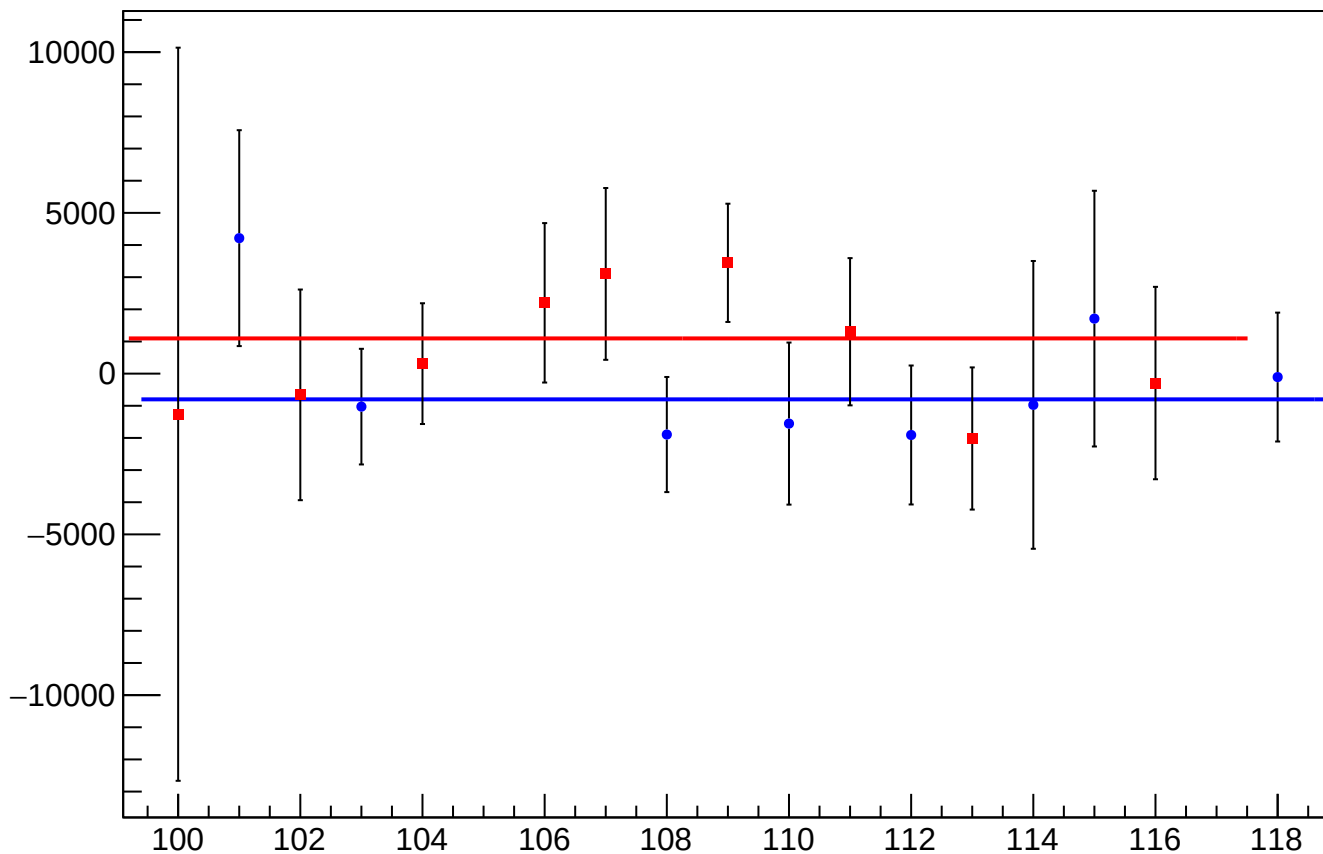
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5213.844+/-1.445 χ^2/NDF : 597386.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 1095.217+/-819.342 χ^2/NDF : 5.1/8

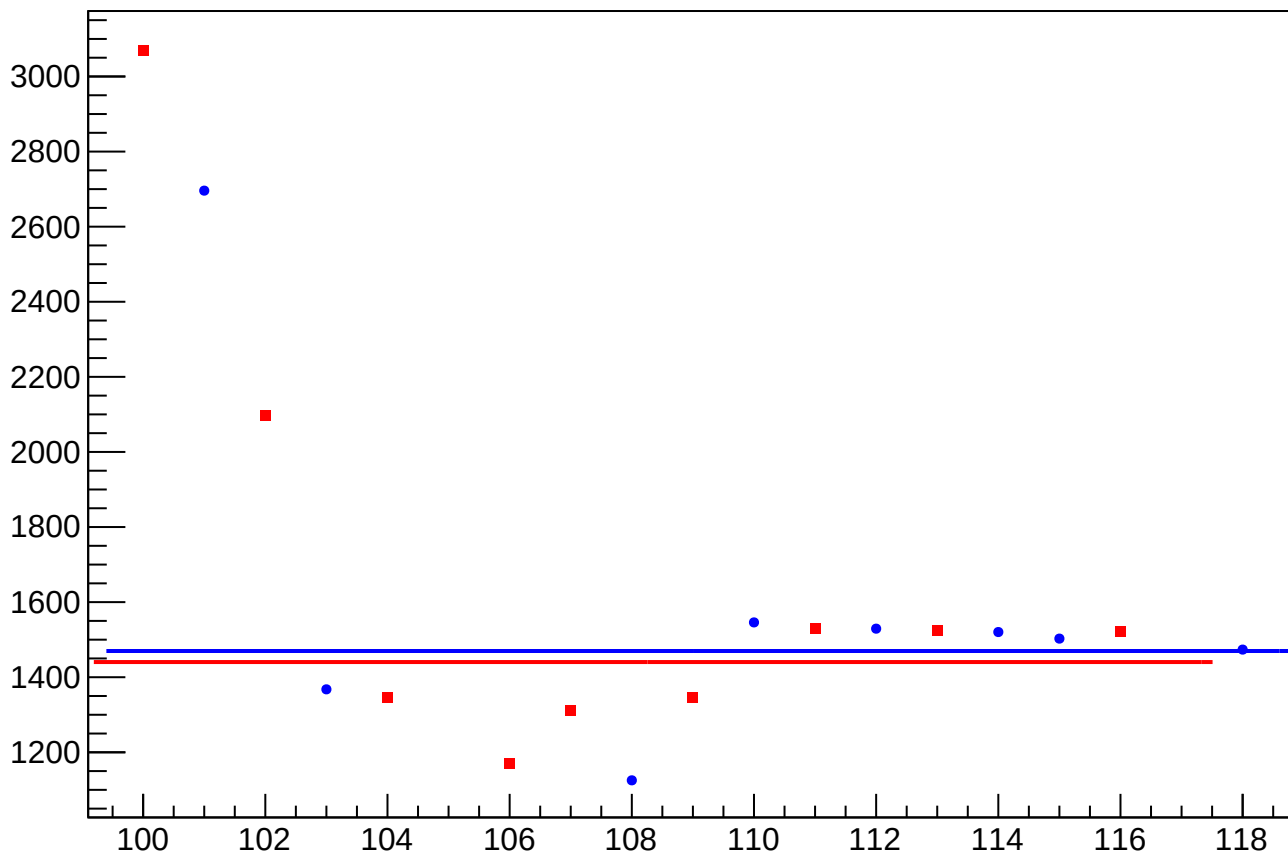
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.426+/-583.911 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1469.822 $\pm$ 0.589 χ^2 /NDF: 350893.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1440.409 $\pm$ 0.579 χ^2 /NDF: 167531.7/8

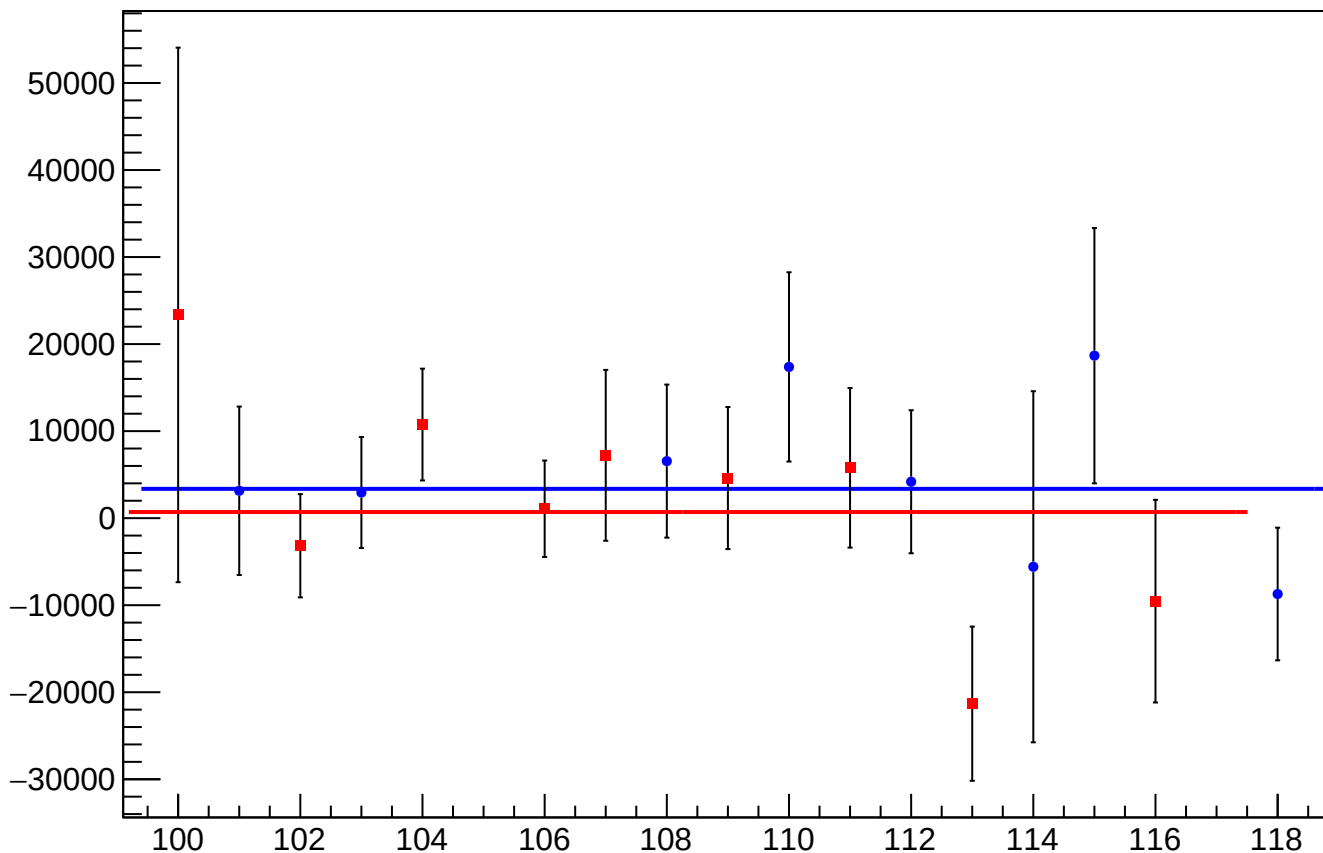
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1454.875 $\pm$ 0.413 χ^2 /NDF: 519694.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



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: 705.140+/-2637.871 χ^2/NDF : 11.4/8

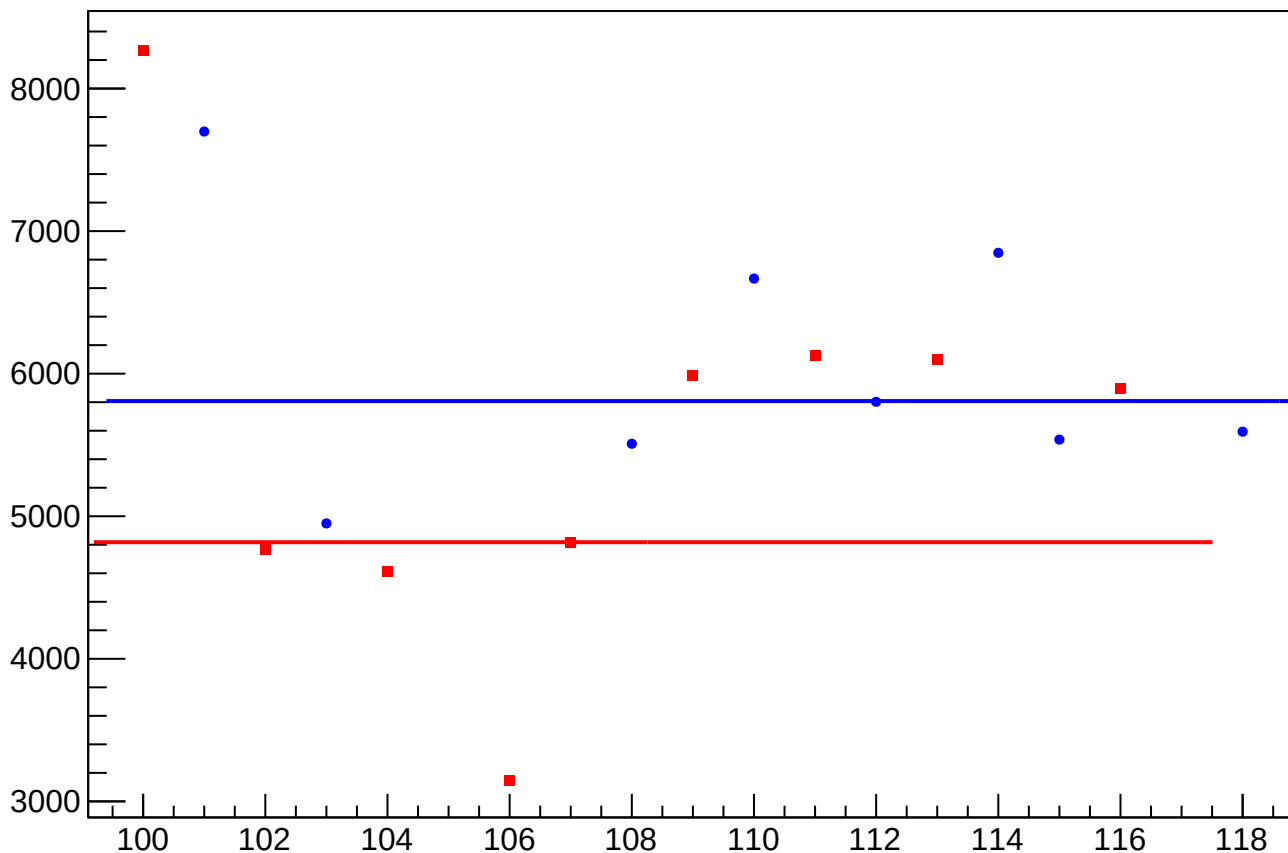
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1770.063+/-2043.295 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 5807.844+/-2.284 χ^2/NDF : 134984.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

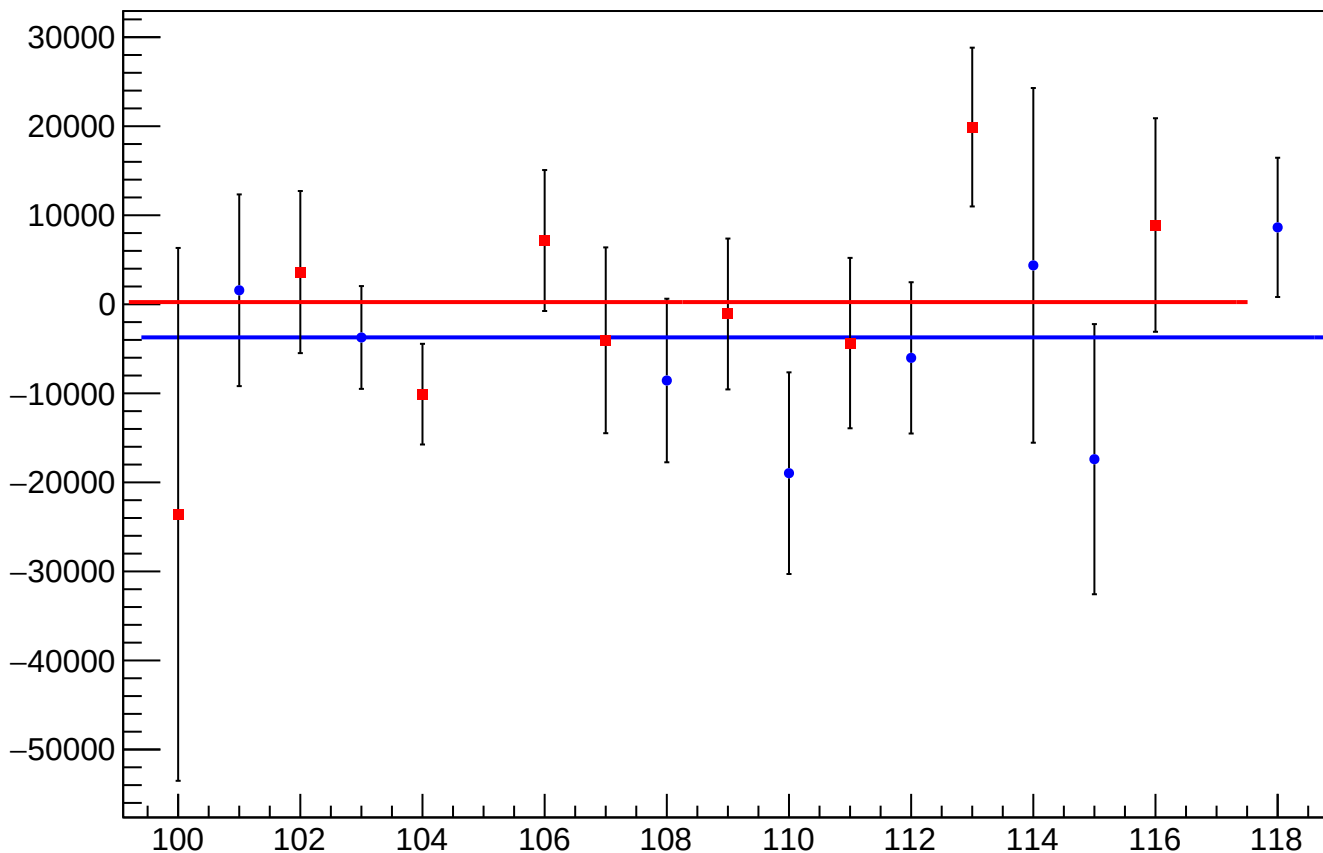
Right Out: 4817.839+/-1.865 χ^2/NDF : 349721.0/8

All: 5213.836+/-1.445 χ^2/NDF : 597386.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



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: 248.732+/-2961.698 χ^2/NDF : 10.7/8

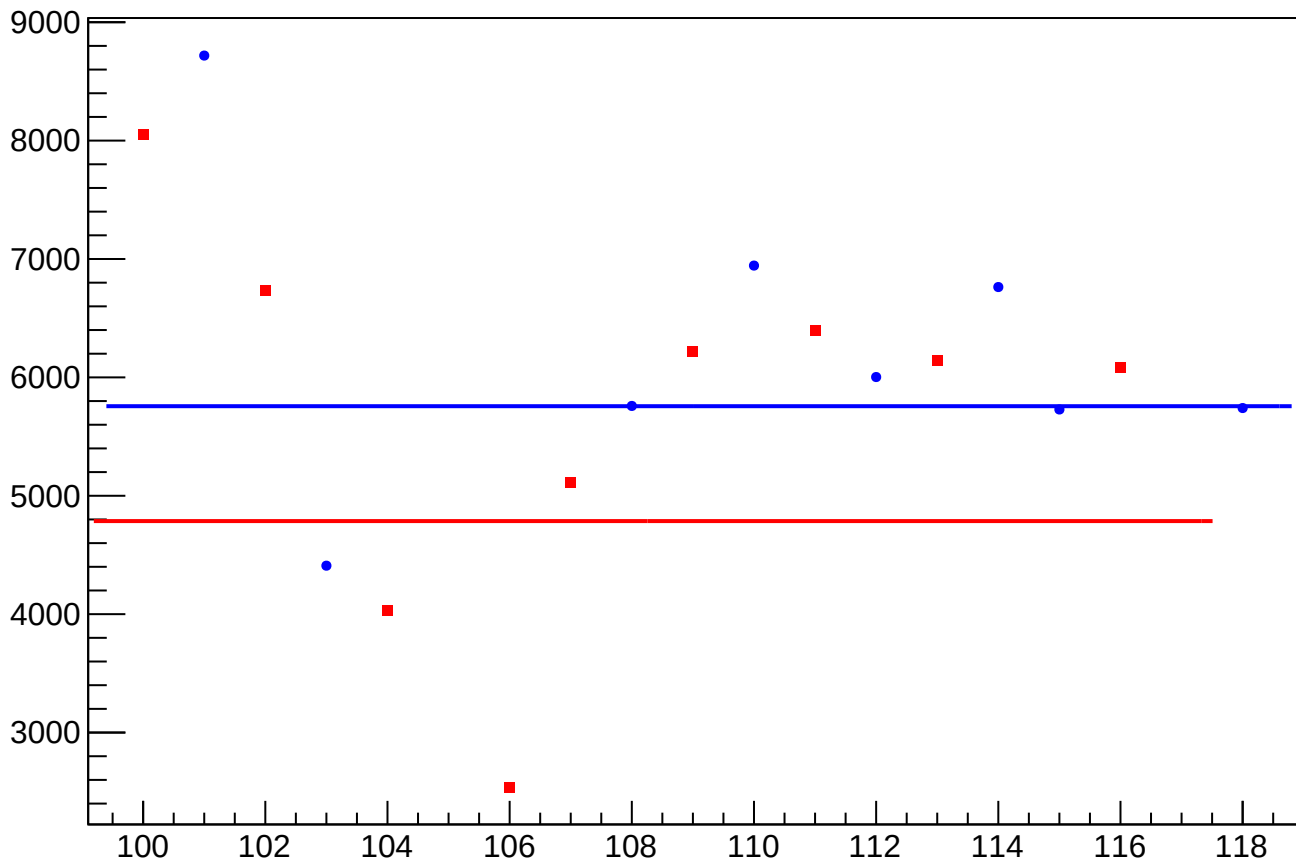
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1556.241+/-2185.540 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



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: 4786.248+/-1.967 χ^2/NDF : 651723.8/8

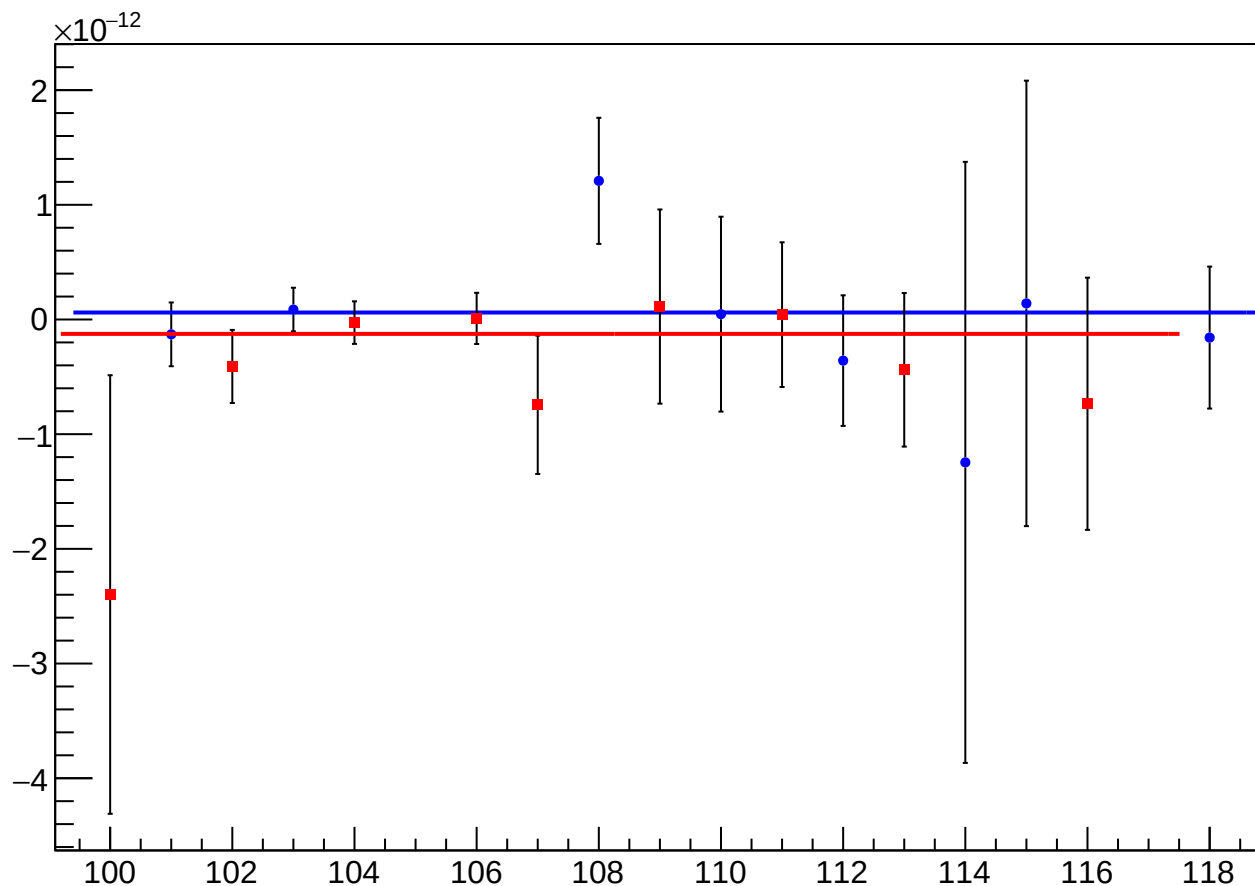
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5198.164+/-1.492 χ^2/NDF : 1044144.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug



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 : 4.6/8

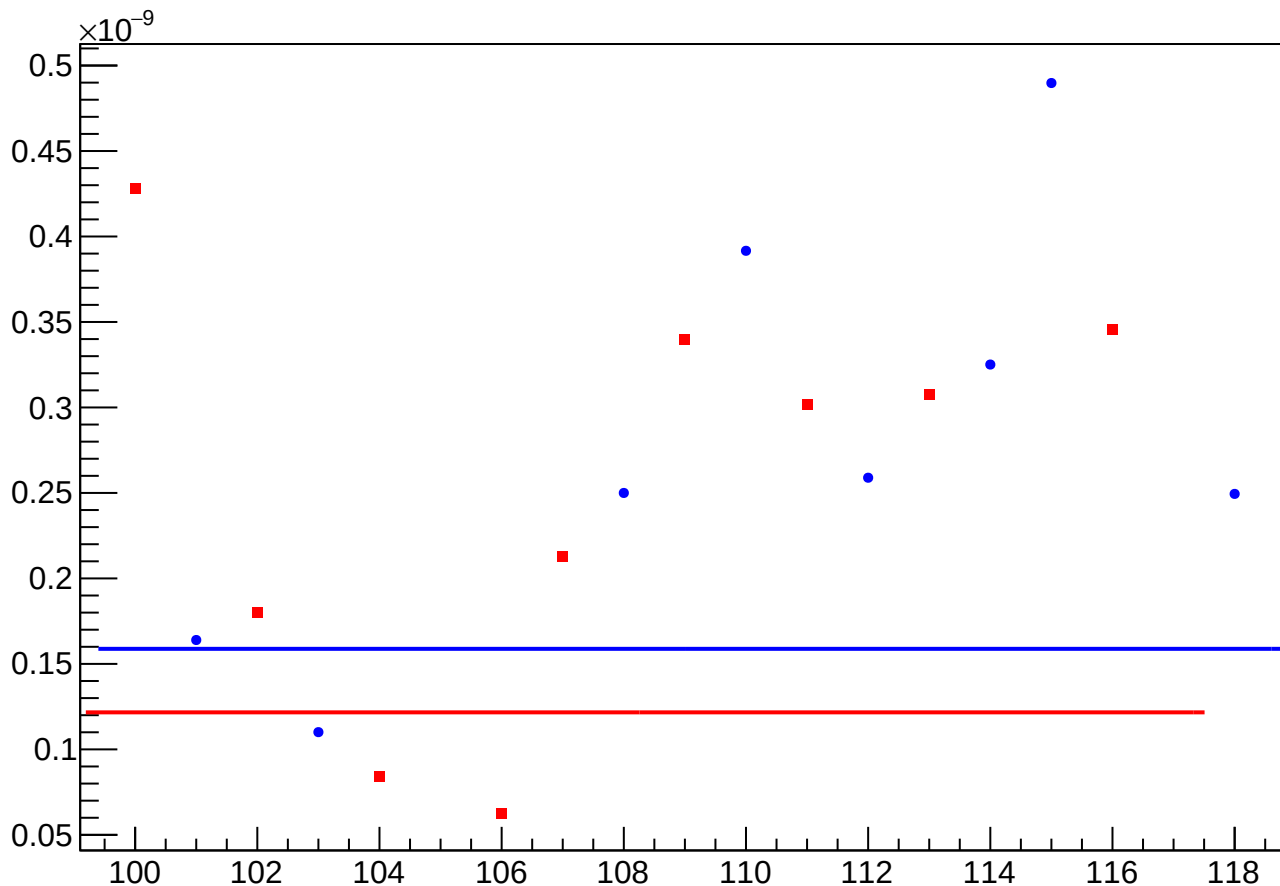
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 508081.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 919581.5/8

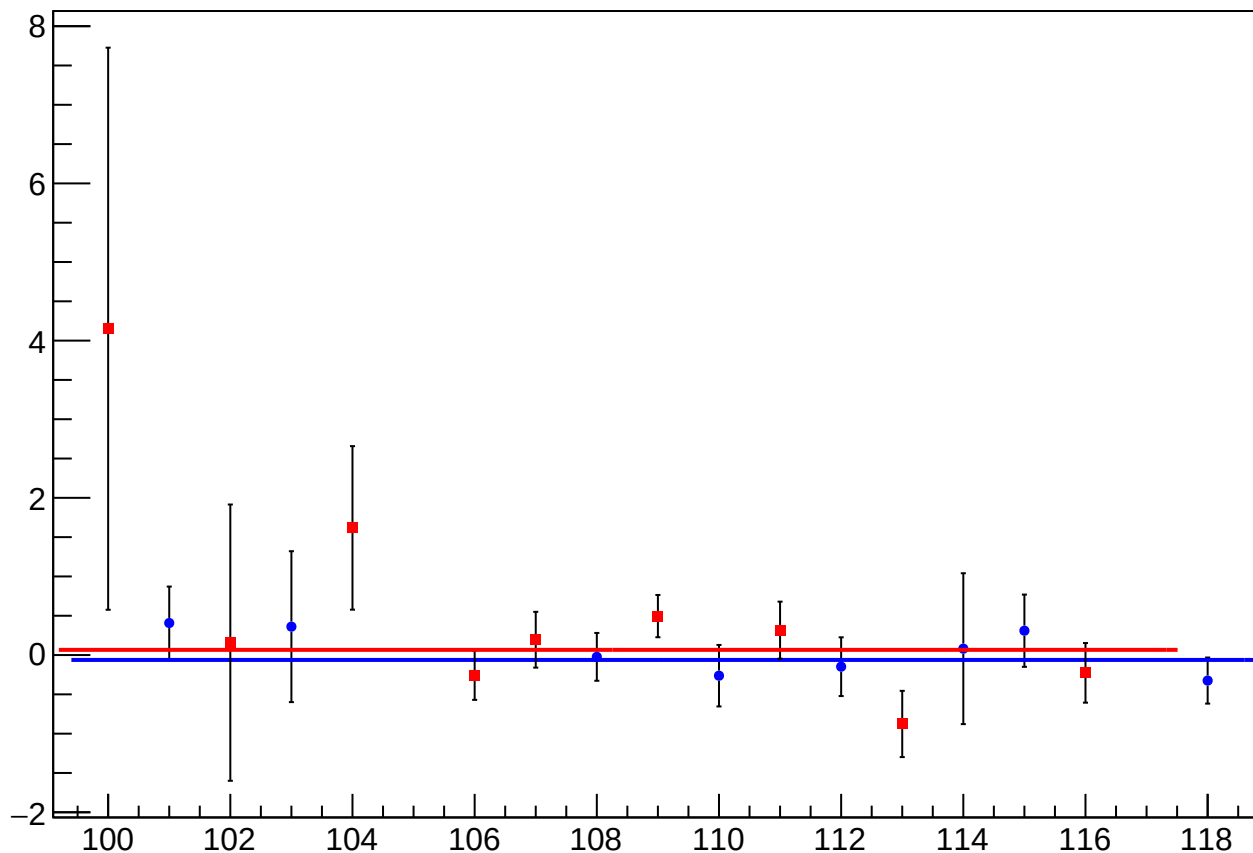
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1508985.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug



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: 0.066 $\pm$ 0.137 χ^2 /NDF: 13.4/8

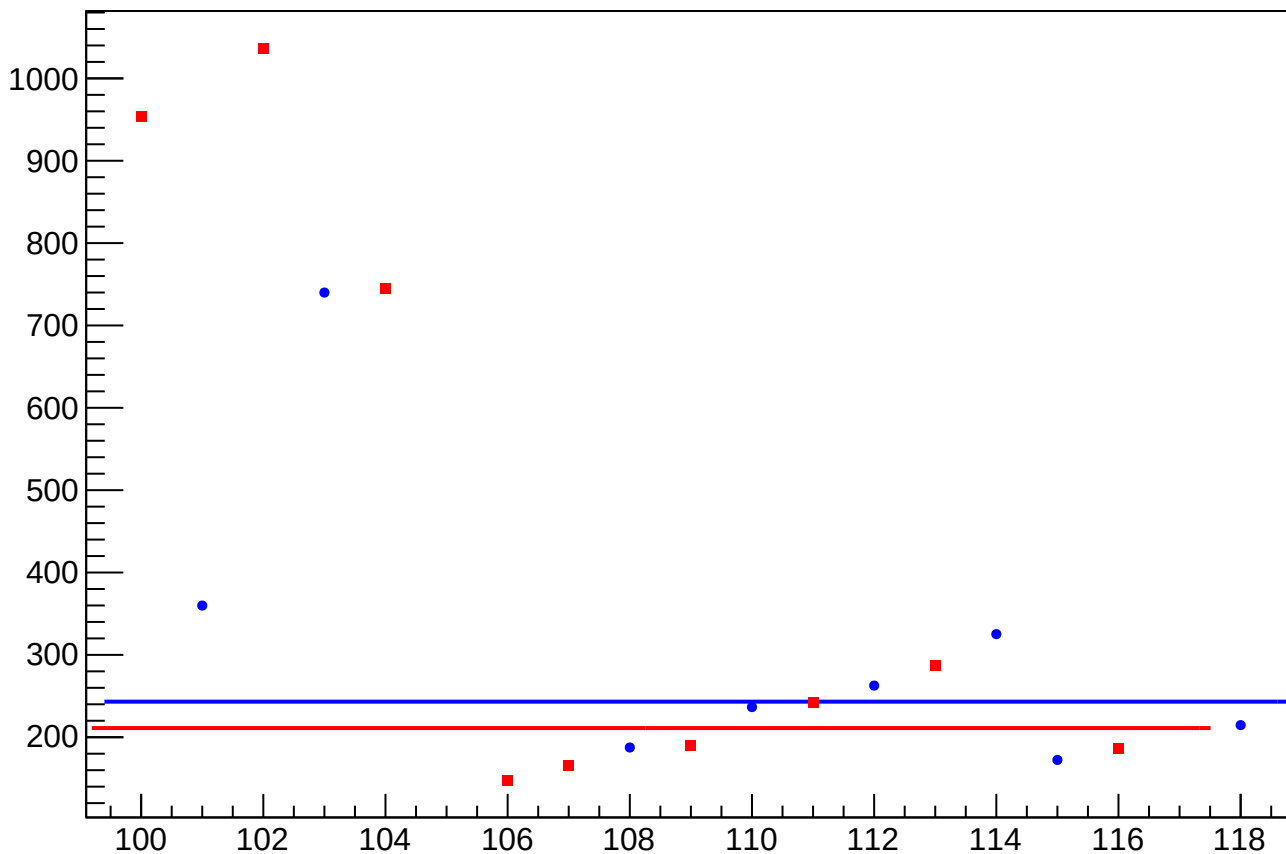
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.099 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



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: 211.129+/-0.097 χ^2/NDF : 1270208.7/8

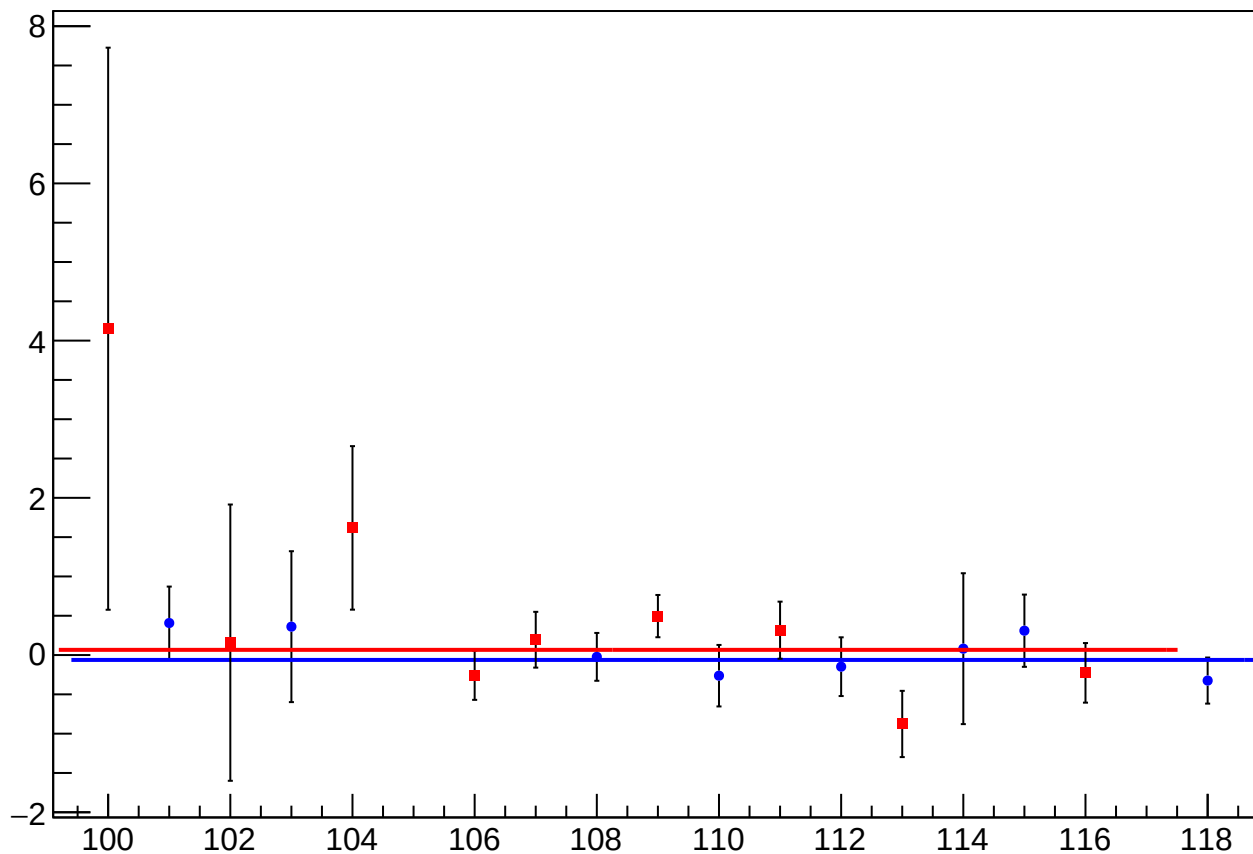
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.247+/-0.070 χ^2/NDF : 2138394.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.066 $\pm$ 0.137 χ^2 /NDF: 13.4/8

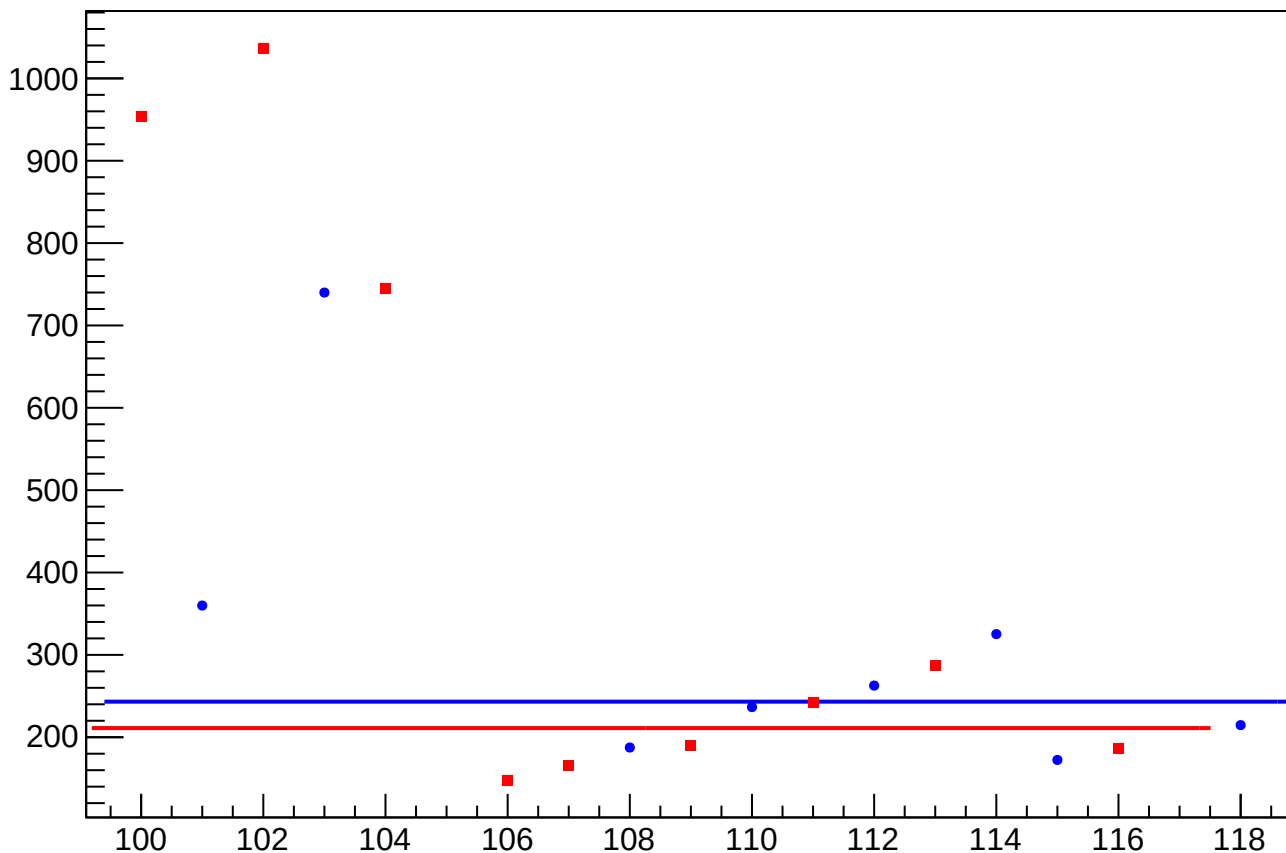
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.099 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 211.129+/-0.097 χ^2/NDF : 1270208.7/8

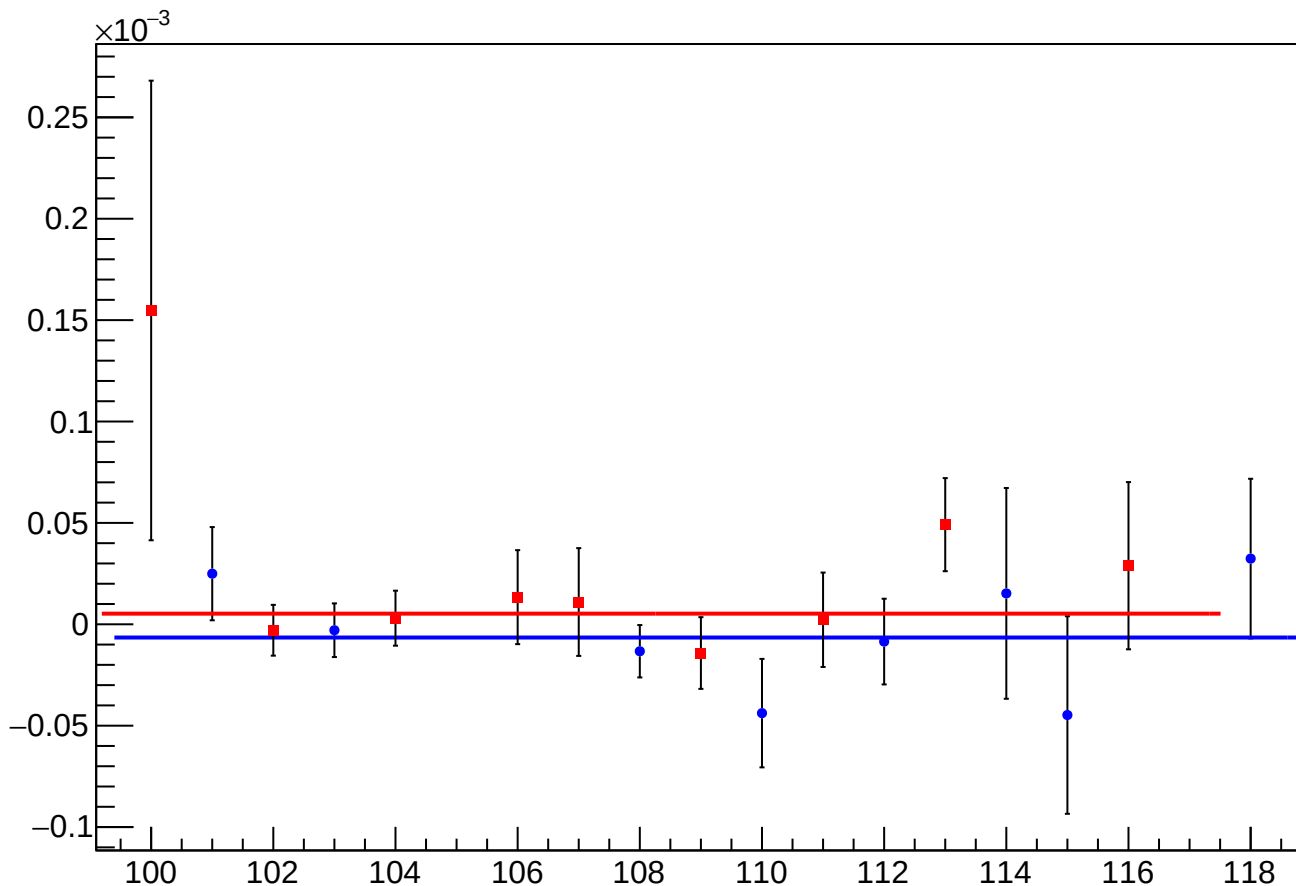
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.247+/-0.070 χ^2/NDF : 2138394.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/8

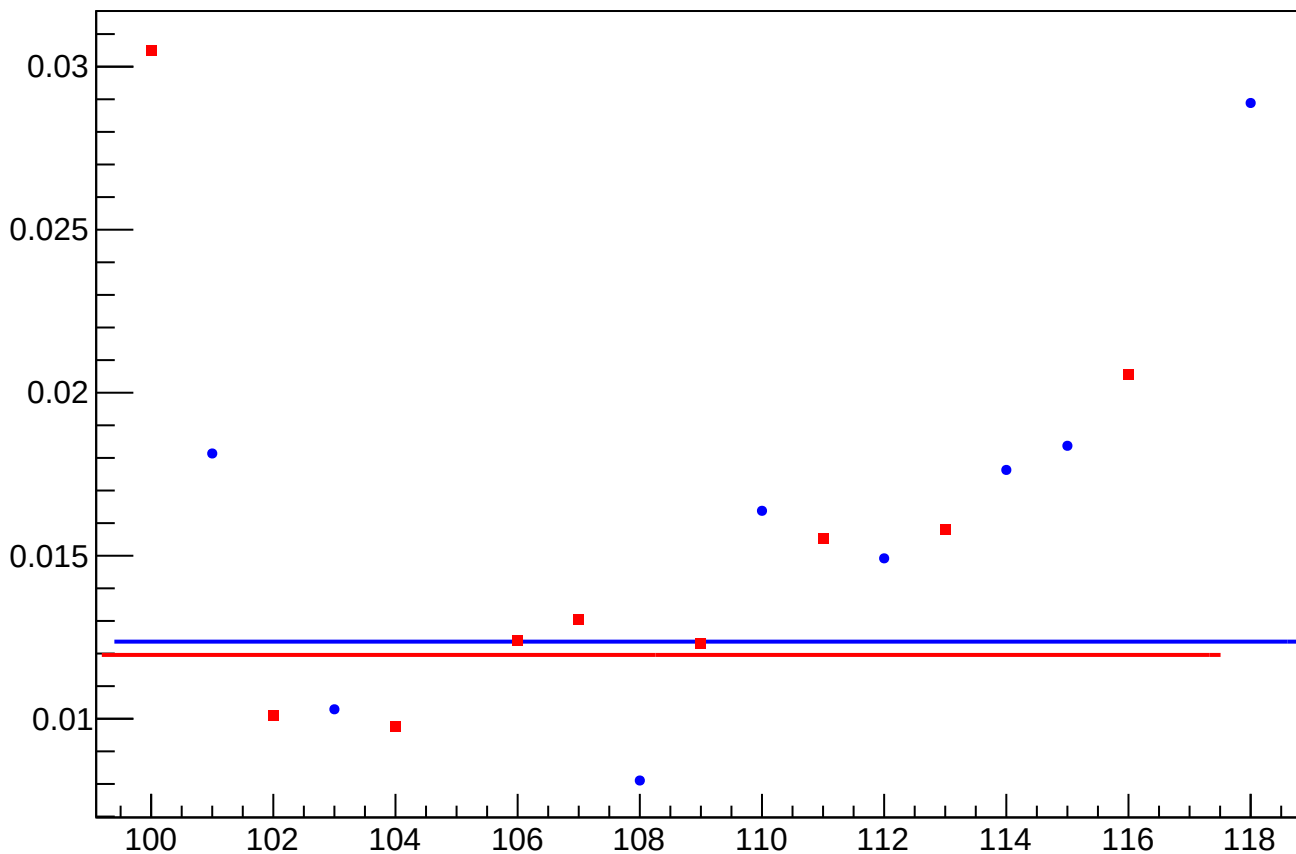
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 870291.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 346051.2/8

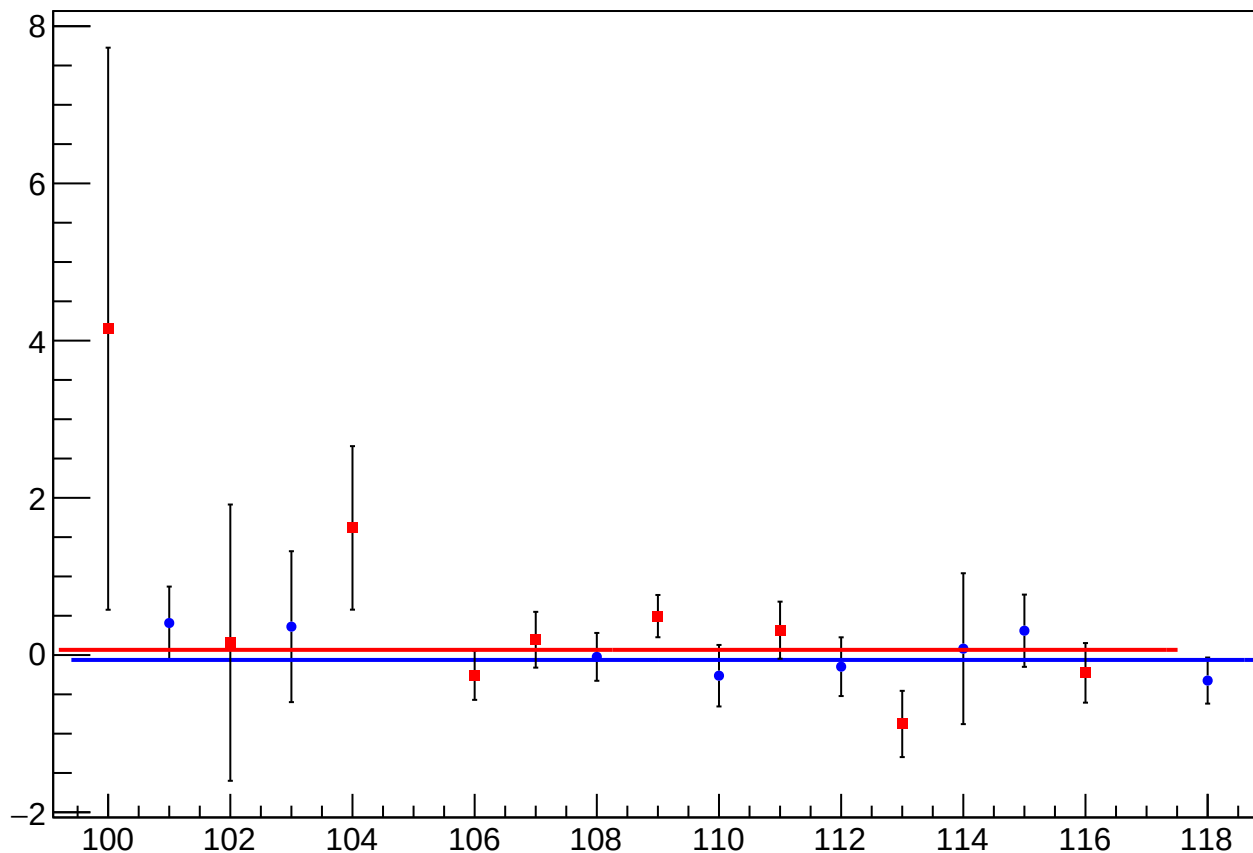
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 1219746.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.066 $\pm$ 0.137 χ^2 /NDF: 13.4/8

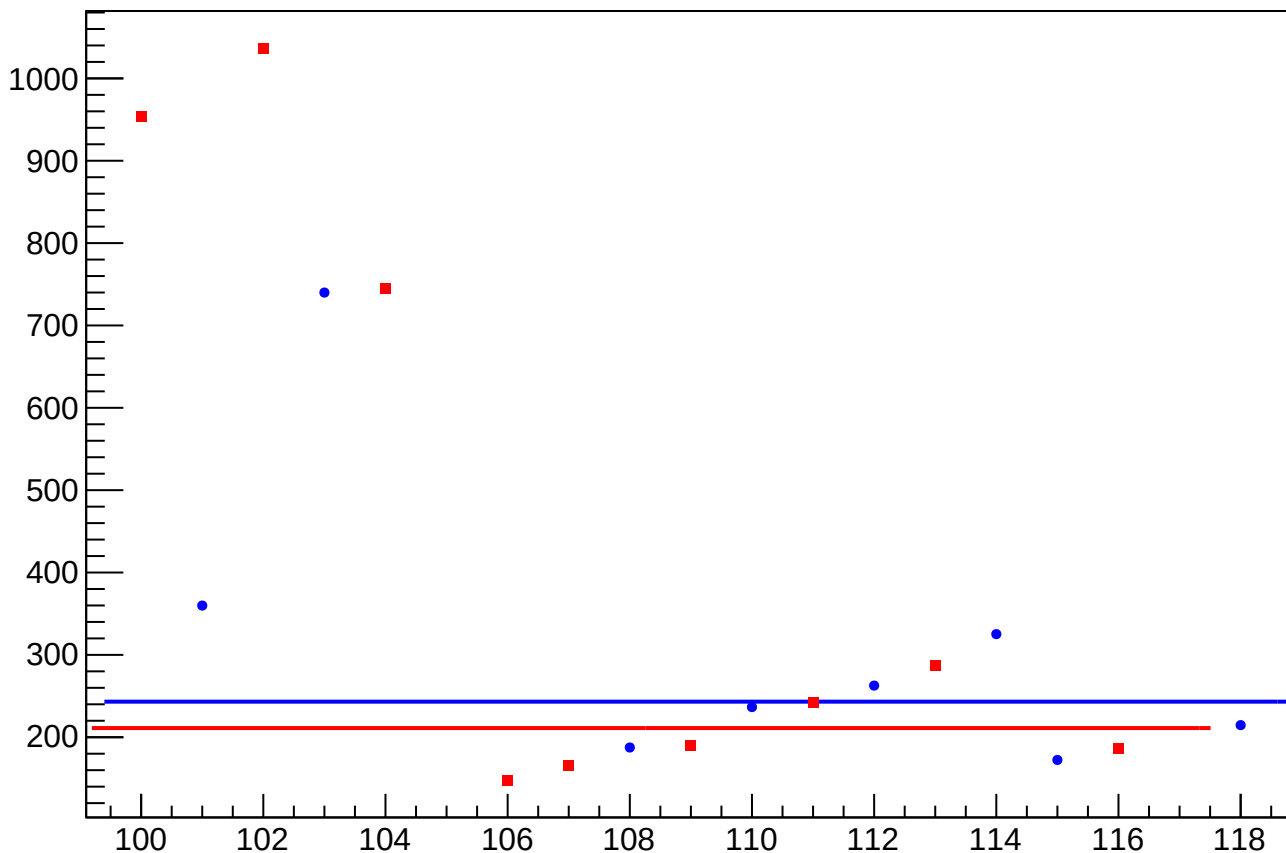
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.099 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 211.131+/-0.097 χ^2/NDF : 1270208.6/8

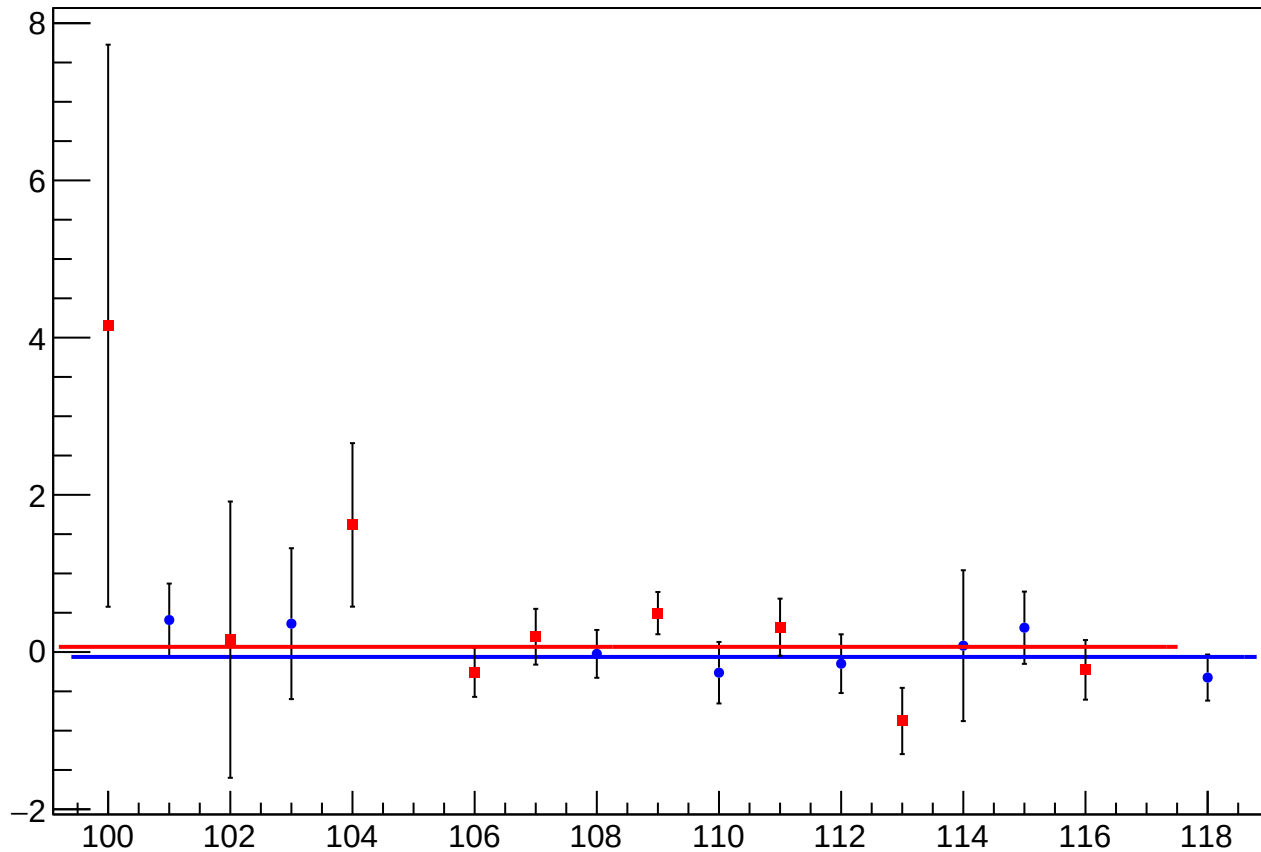
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.248+/-0.070 χ^2/NDF : 2138374.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.066 $\pm$ 0.137 χ^2 /NDF: 13.4/8

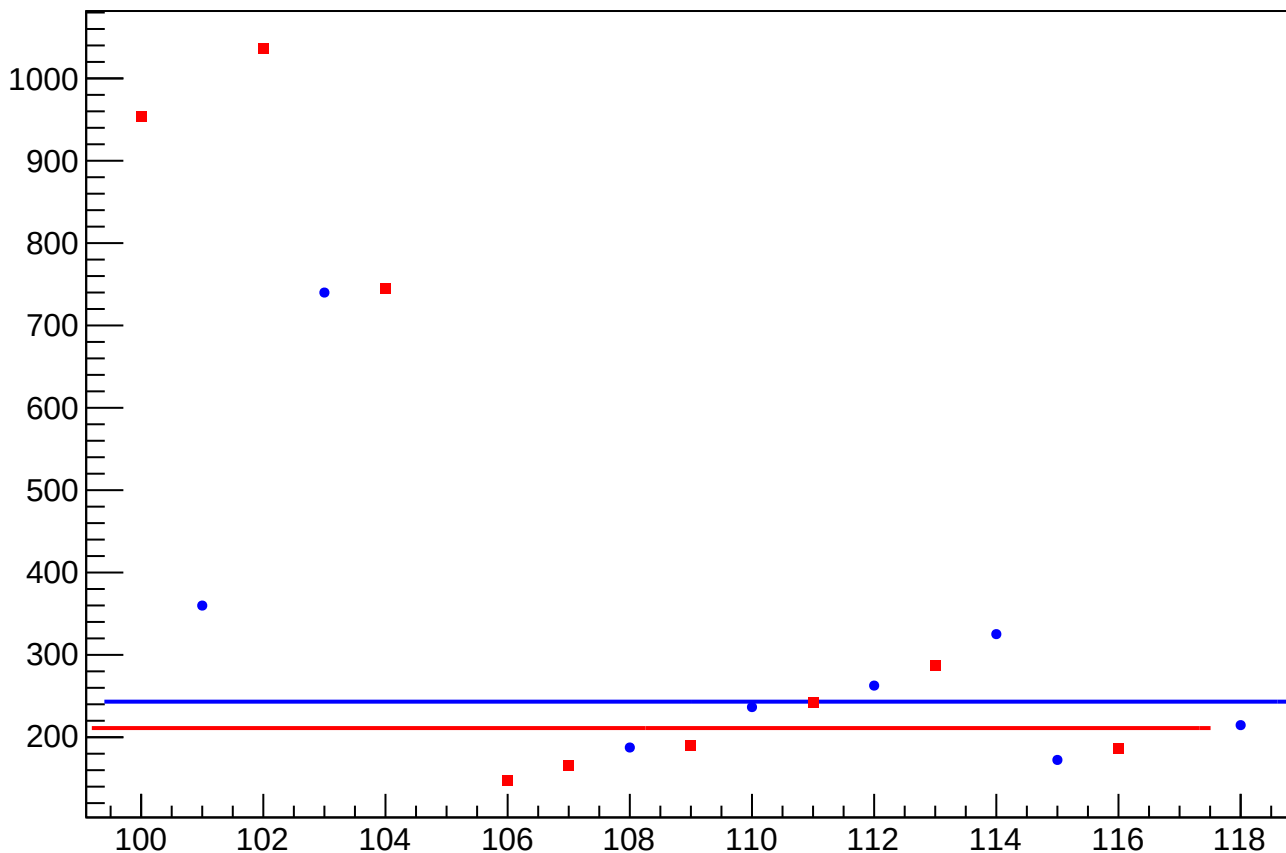
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.099 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 211.131+/-0.097 χ^2/NDF : 1270208.6/8

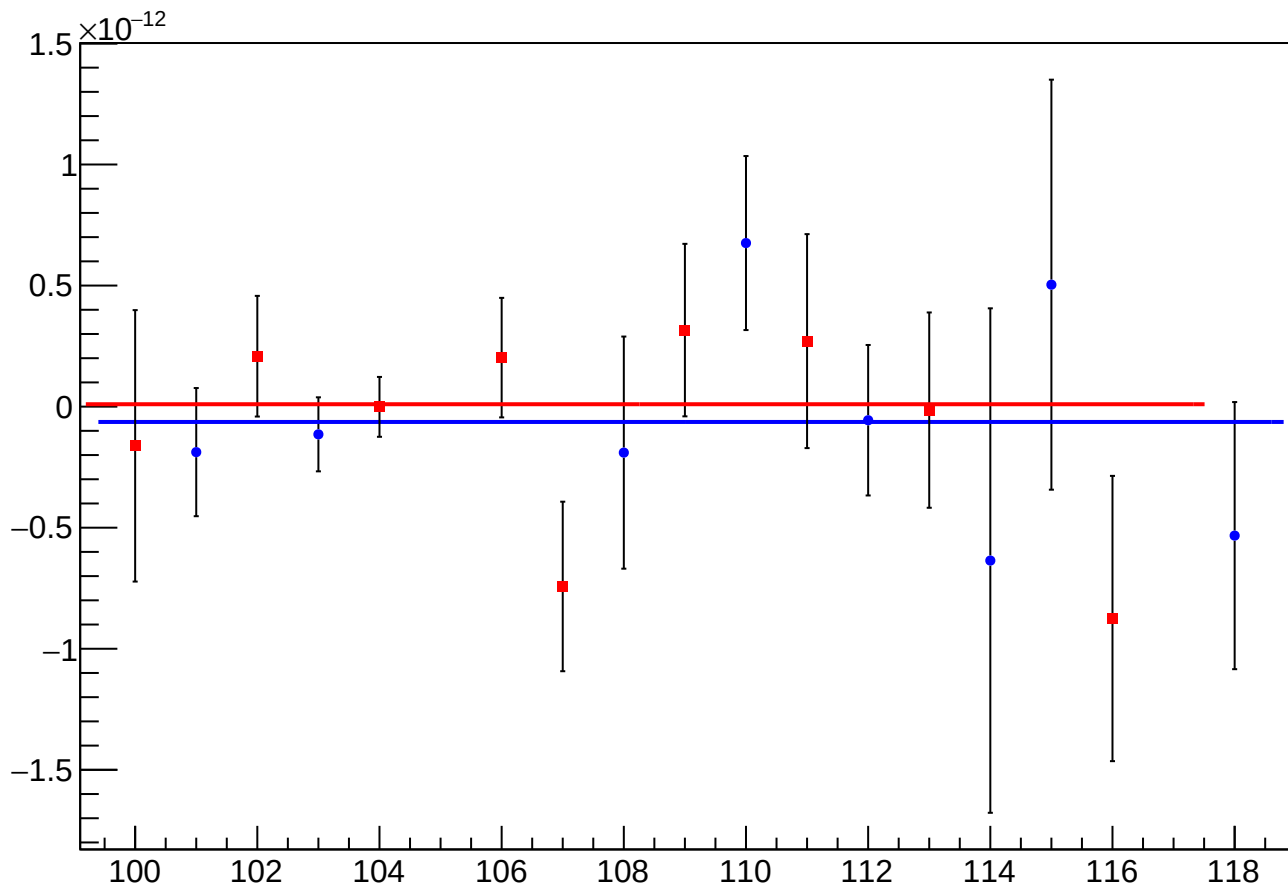
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.248+/-0.070 χ^2/NDF : 2138374.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 9.3/8

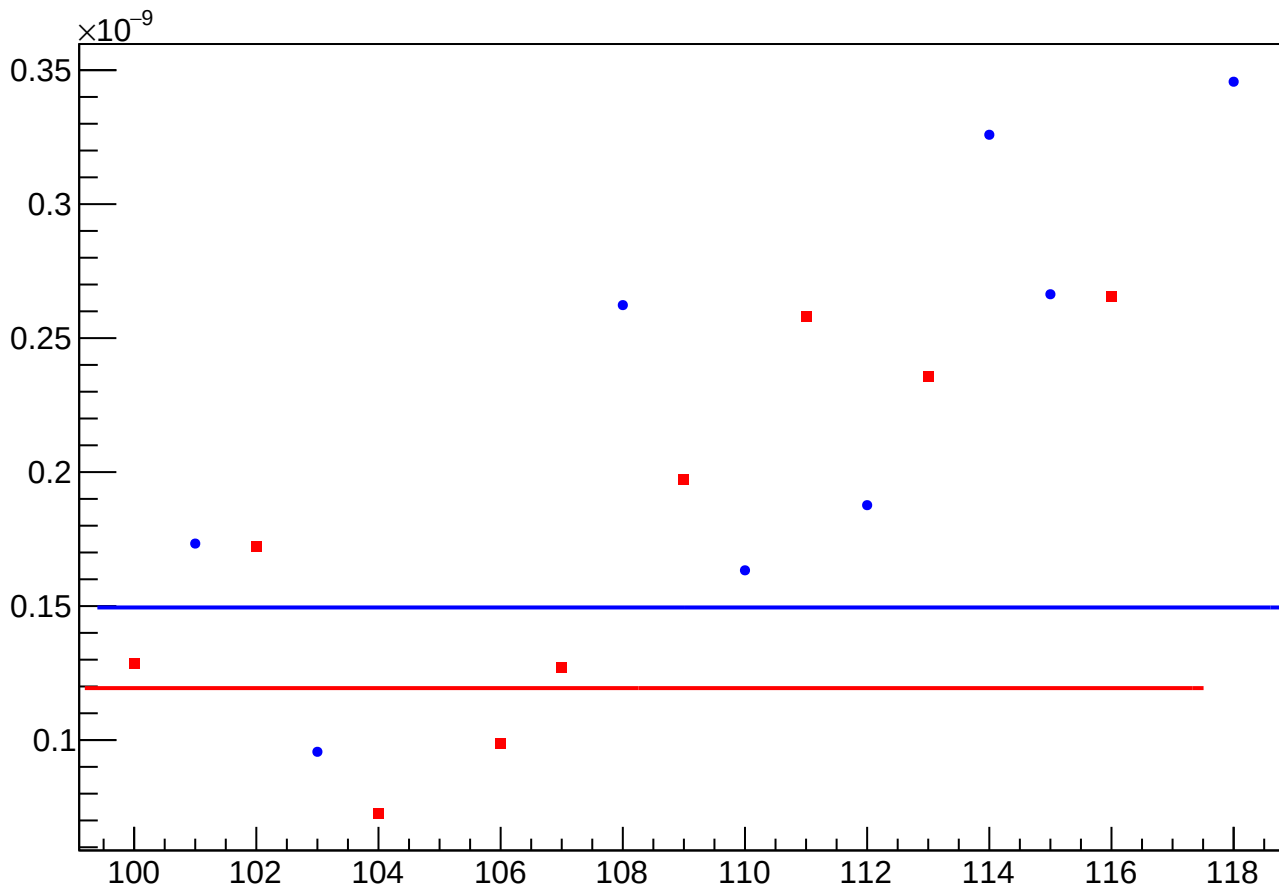
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 973983.9/8

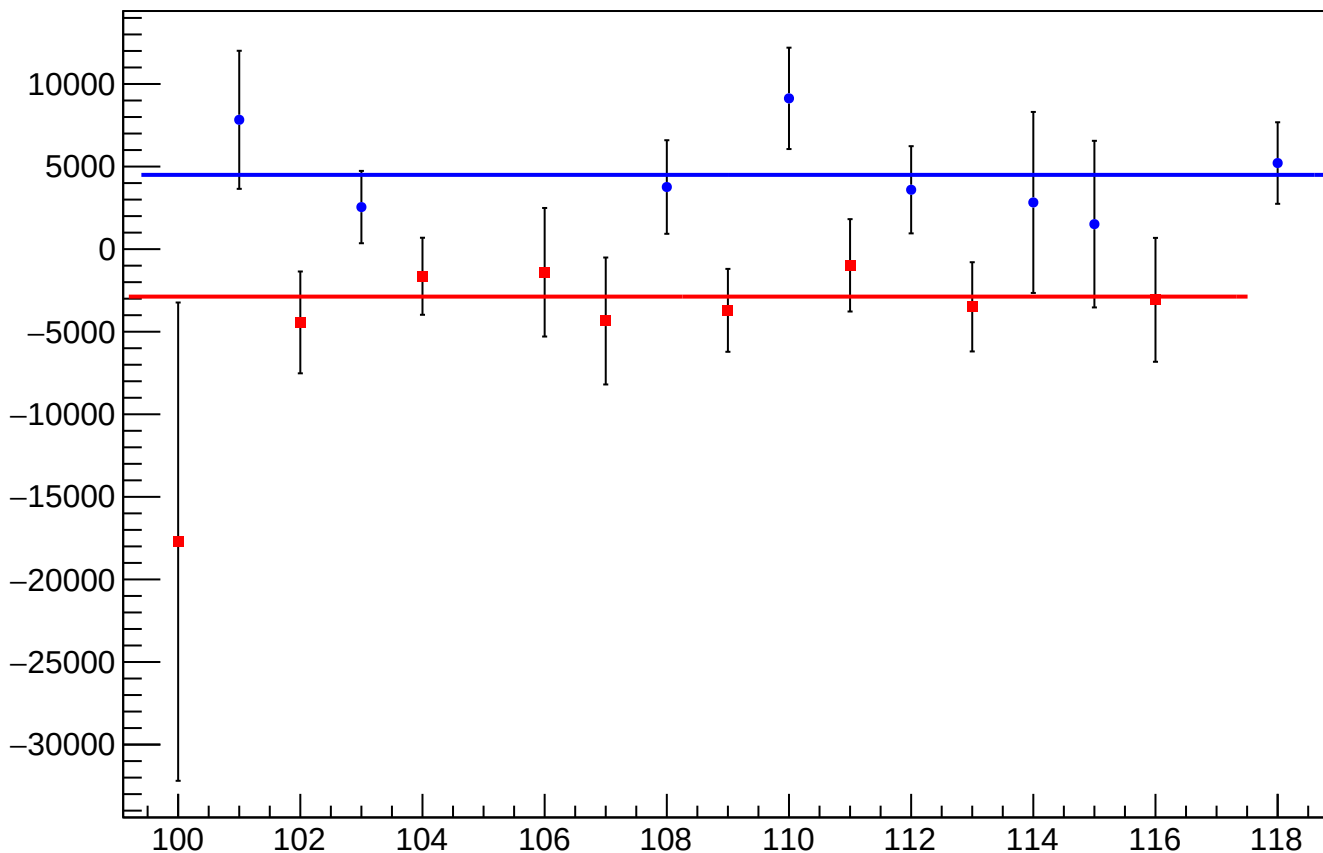
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1824497.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4496.901 $\pm$ 1068.133 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2874.223 $\pm$ 1041.359 χ^2 /NDF: 2.5/8

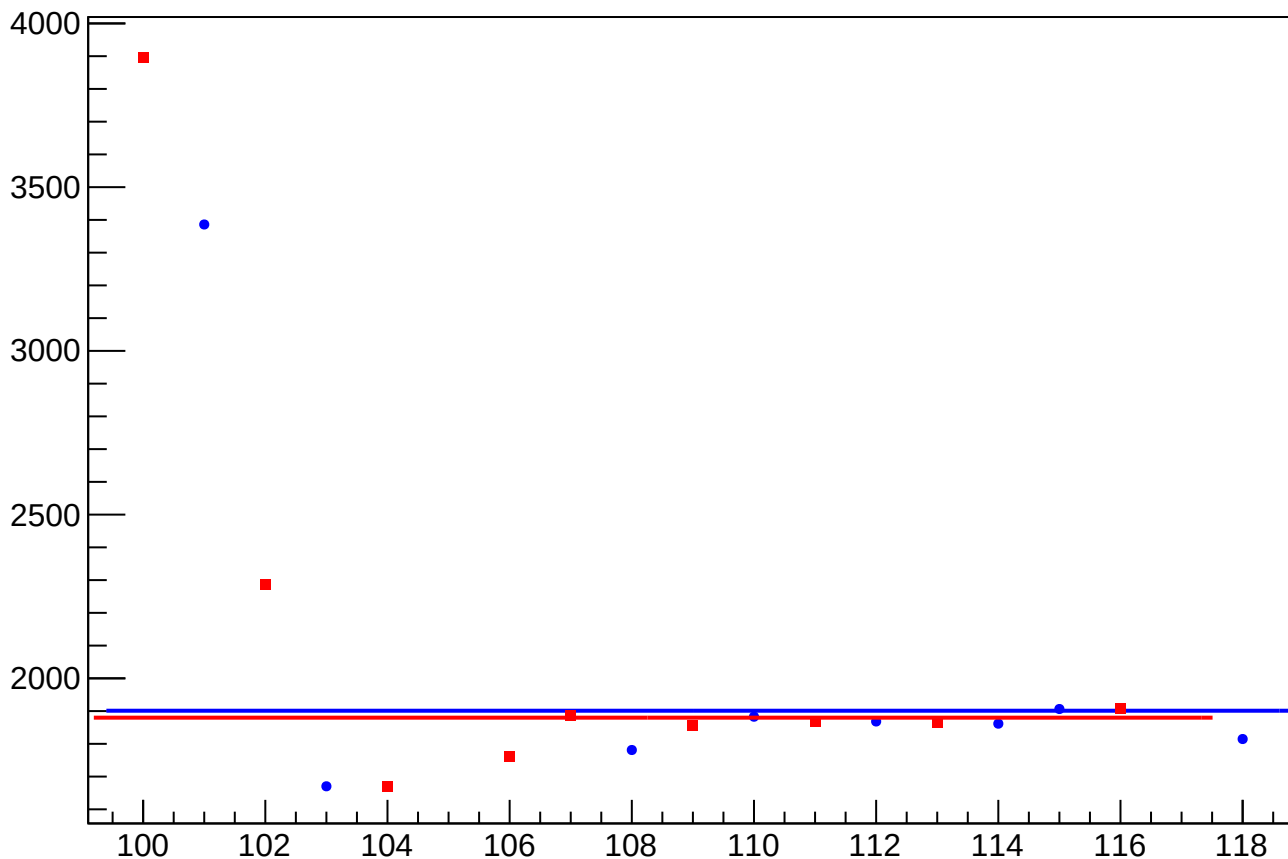
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 717.800 $\pm$ 745.638 χ^2 /NDF: 31.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



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: 1879.921+/-0.731 χ^2/NDF : 92280.5/8

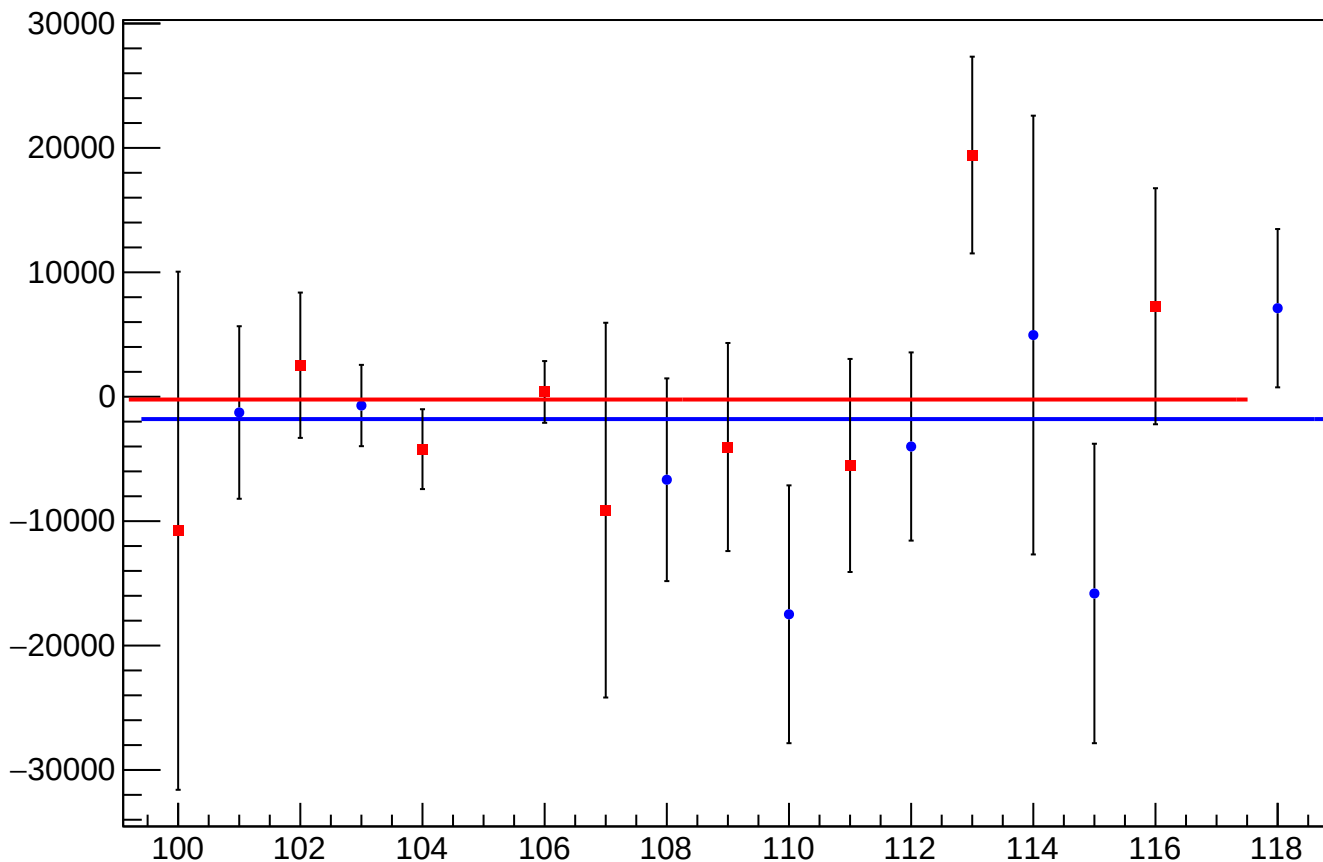
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1890.172+/-0.525 χ^2/NDF : 373770.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



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: -224.734+/-1688.946 χ^2/NDF : 9.8/8

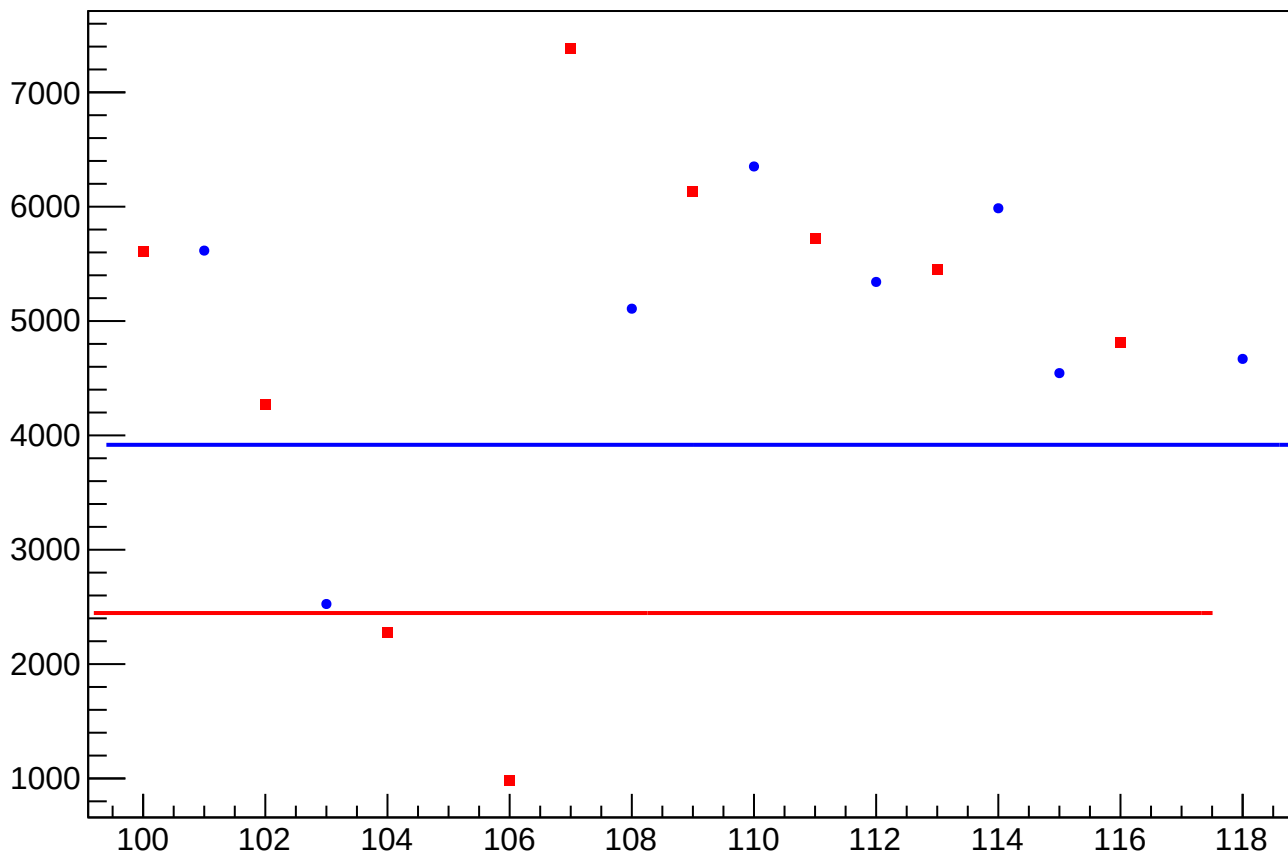
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.182+/-1358.694 χ^2/NDF : 16.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 3917.620+/-1.617 χ^2/NDF : 767763.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

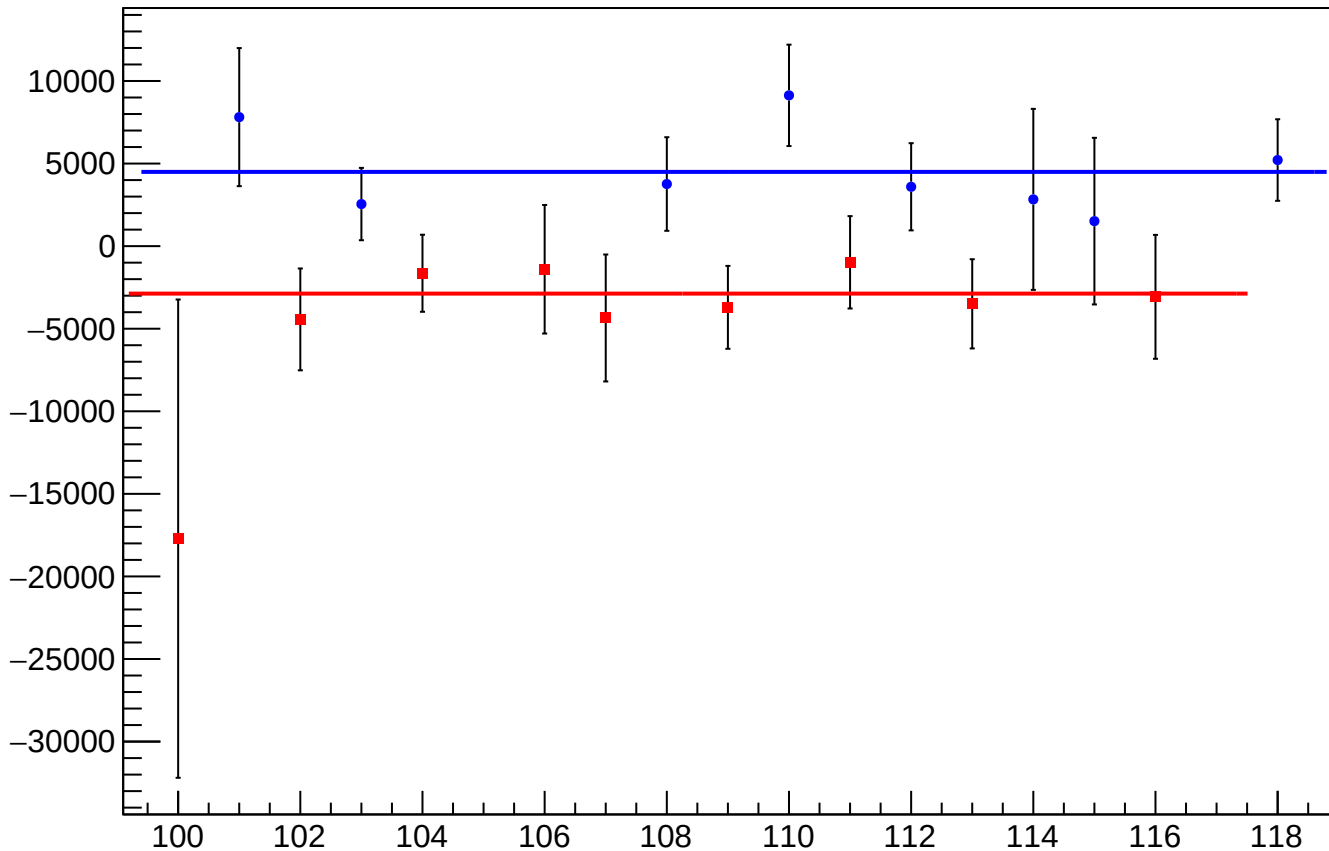
Right Out: 2446.611+/-1.194 χ^2/NDF : 2252207.8/8

All: 2965.642+/-0.961 χ^2/NDF : 3555283.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4495.961 $\pm$ 1068.134 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2873.892 $\pm$ 1041.359 χ^2 /NDF: 2.5/8

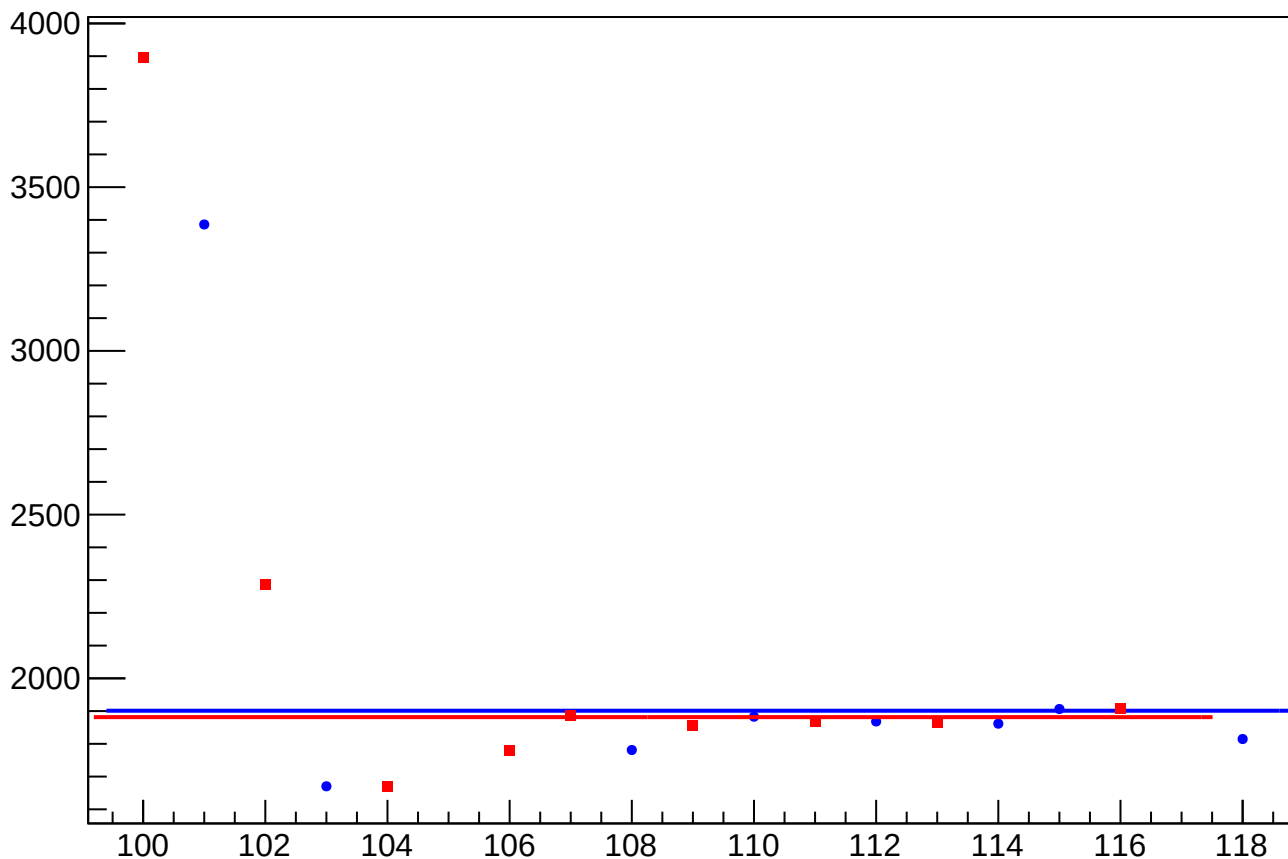
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 717.509 $\pm$ 745.638 χ^2 /NDF: 31.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



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: 1881.530+/-0.732 χ^2/NDF : 91650.4/8

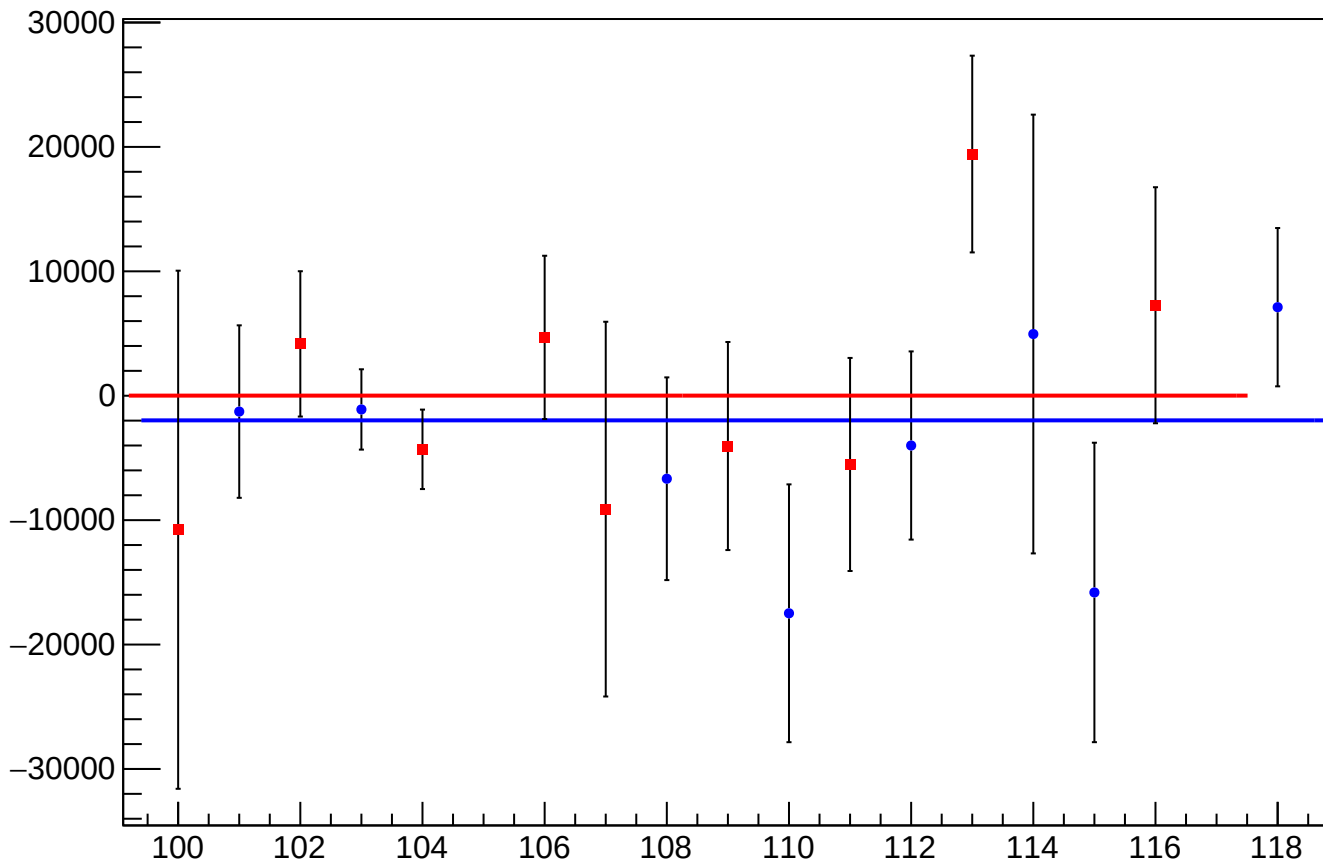
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.010+/-0.526 χ^2/NDF : 373083.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



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: 9.457+/-2170.103 χ^2/NDF : 10.7/8

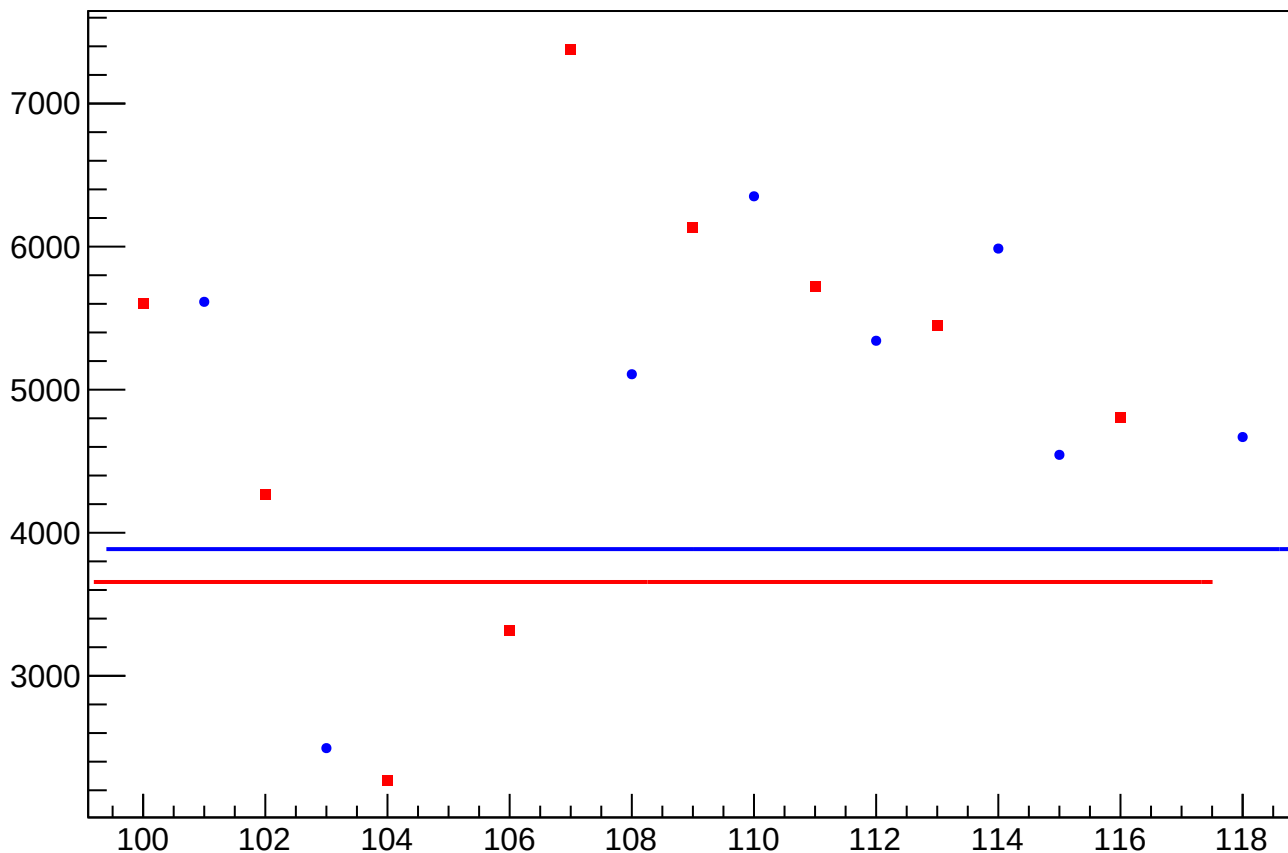
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -938.745+/-1569.827 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



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: 3655.904+/-1.534 χ^2/NDF : 968594.7/8

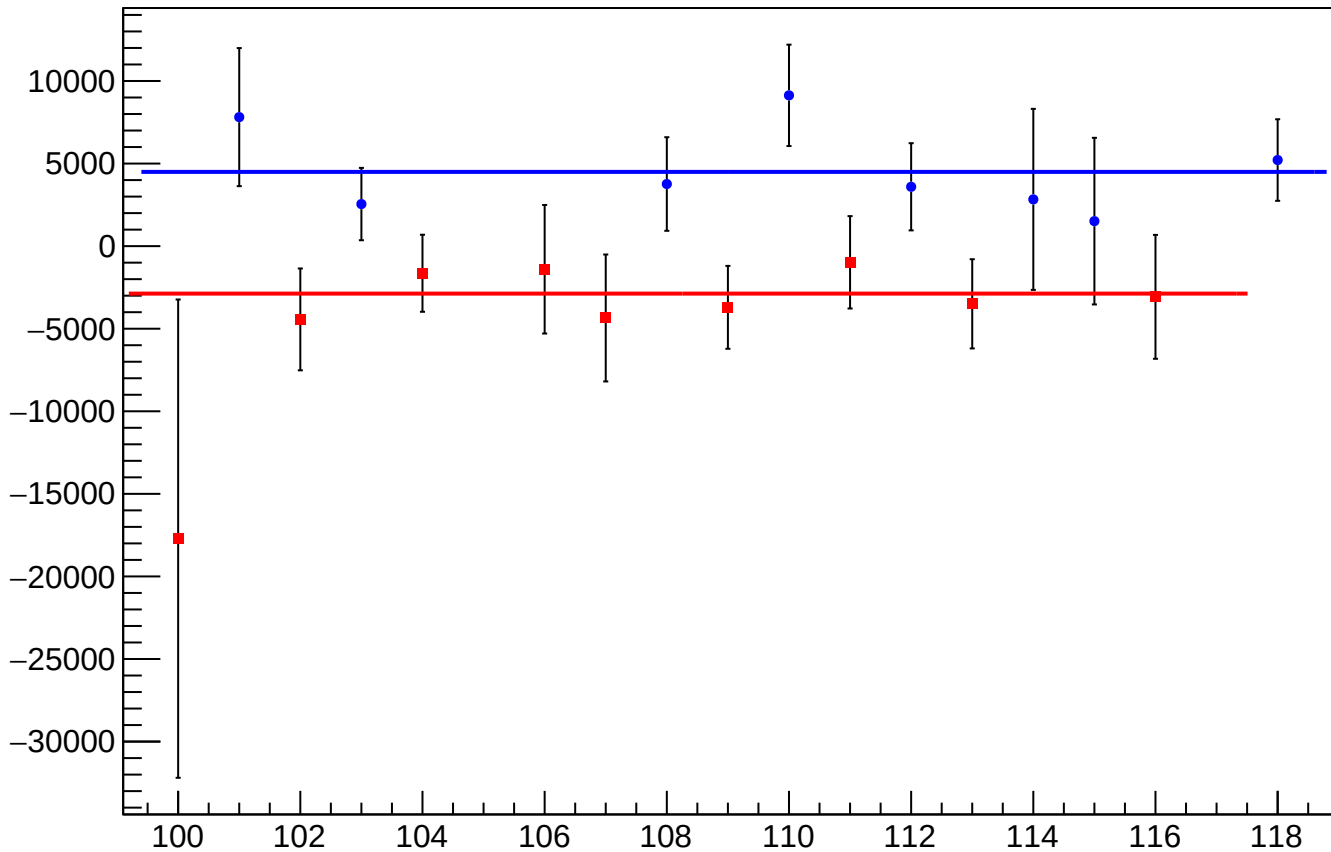
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3765.448+/-1.110 χ^2/NDF : 1772057.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4495.961 $\pm$ 1068.134 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2873.892 $\pm$ 1041.359 χ^2 /NDF: 2.5/8

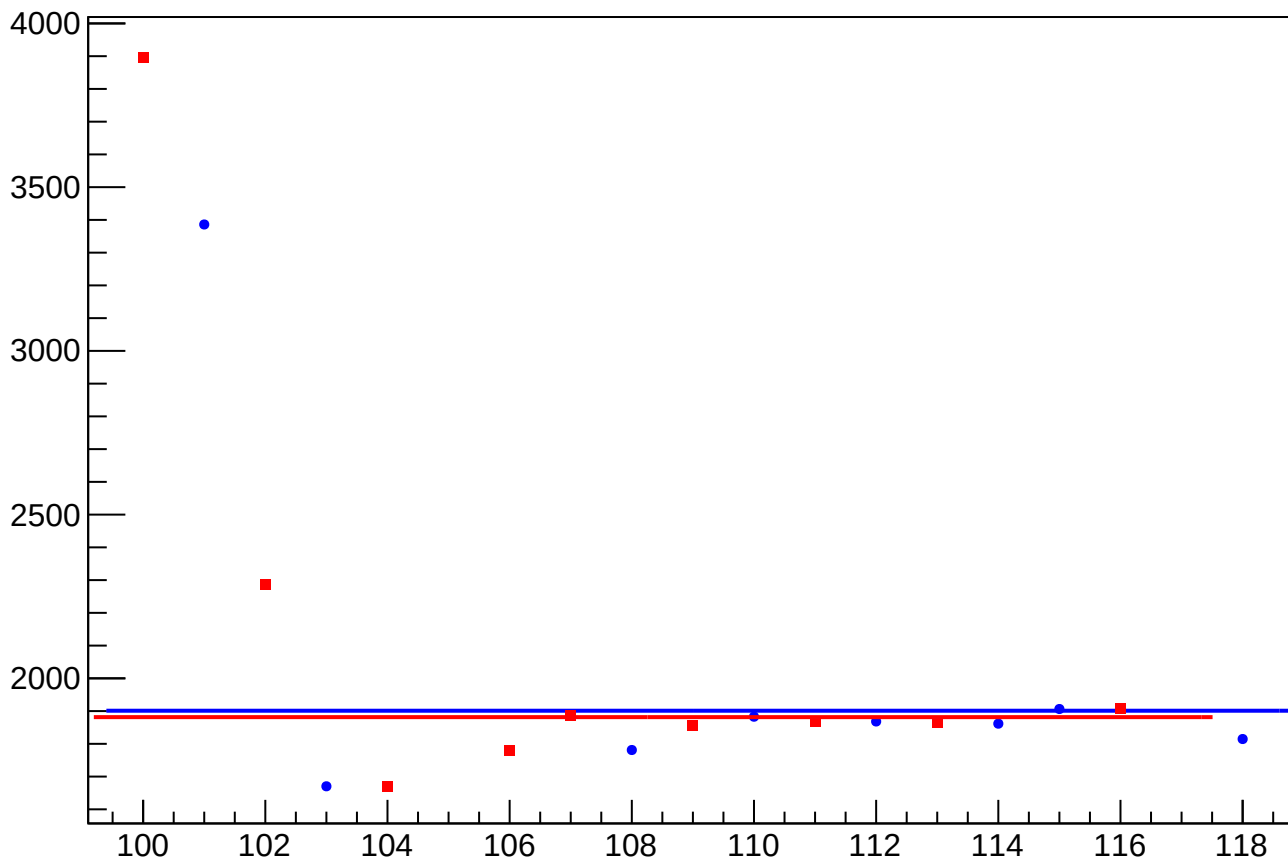
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 717.509 $\pm$ 745.638 χ^2 /NDF: 31.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



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: 1881.530+/-0.732 χ^2/NDF : 91650.4/8

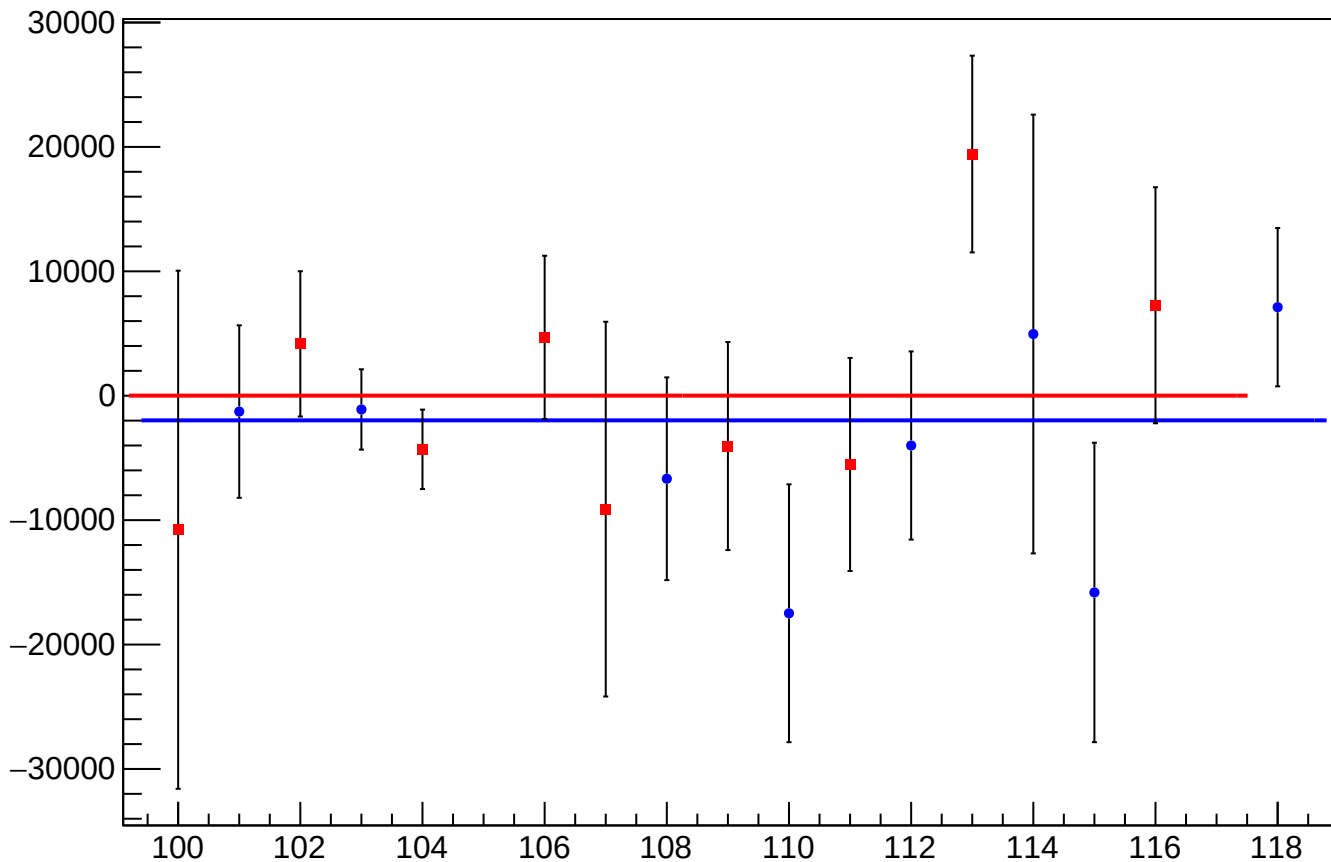
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.010+/-0.526 χ^2/NDF : 373083.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



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: 9.457+/-2170.103 χ^2/NDF : 10.7/8

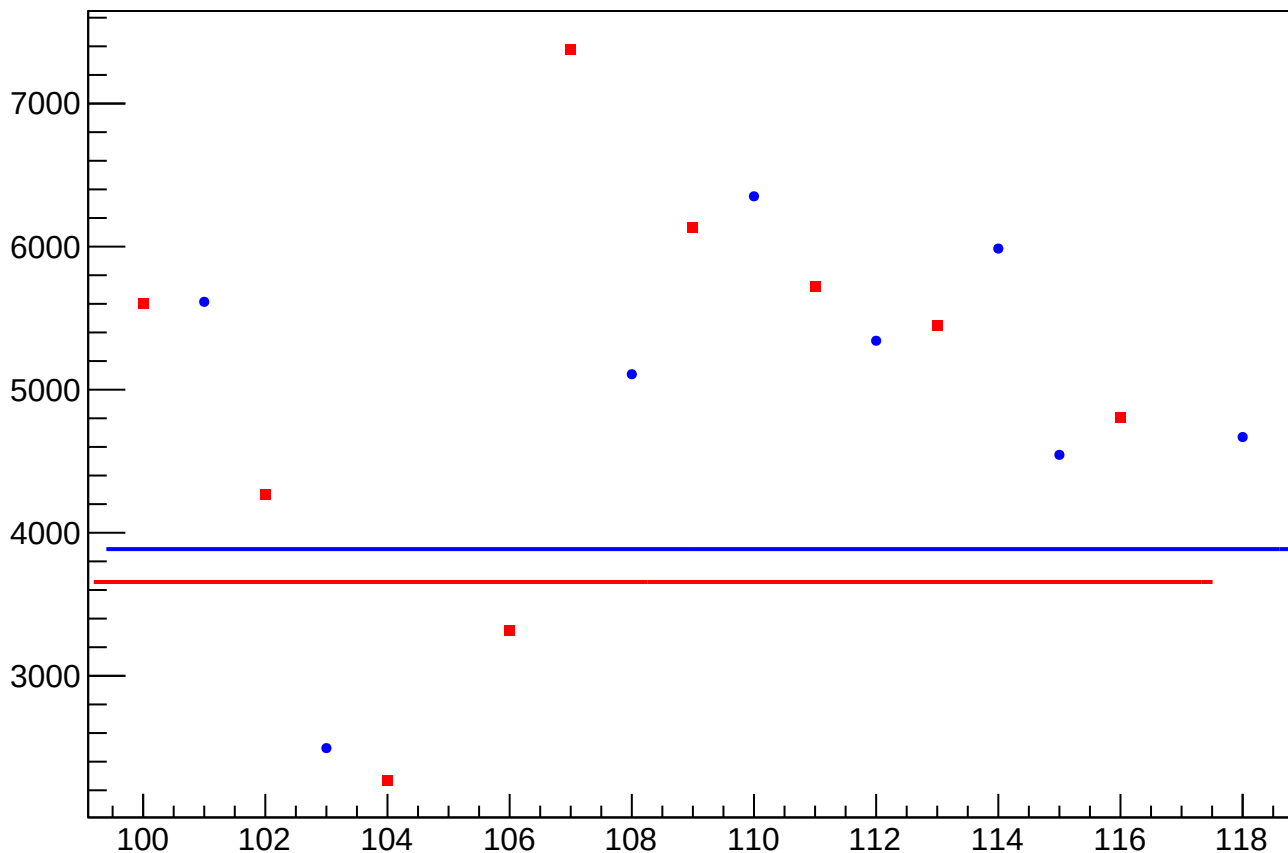
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -938.745+/-1569.827 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug



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: 3655.904+/-1.534 χ^2/NDF : 968594.7/8

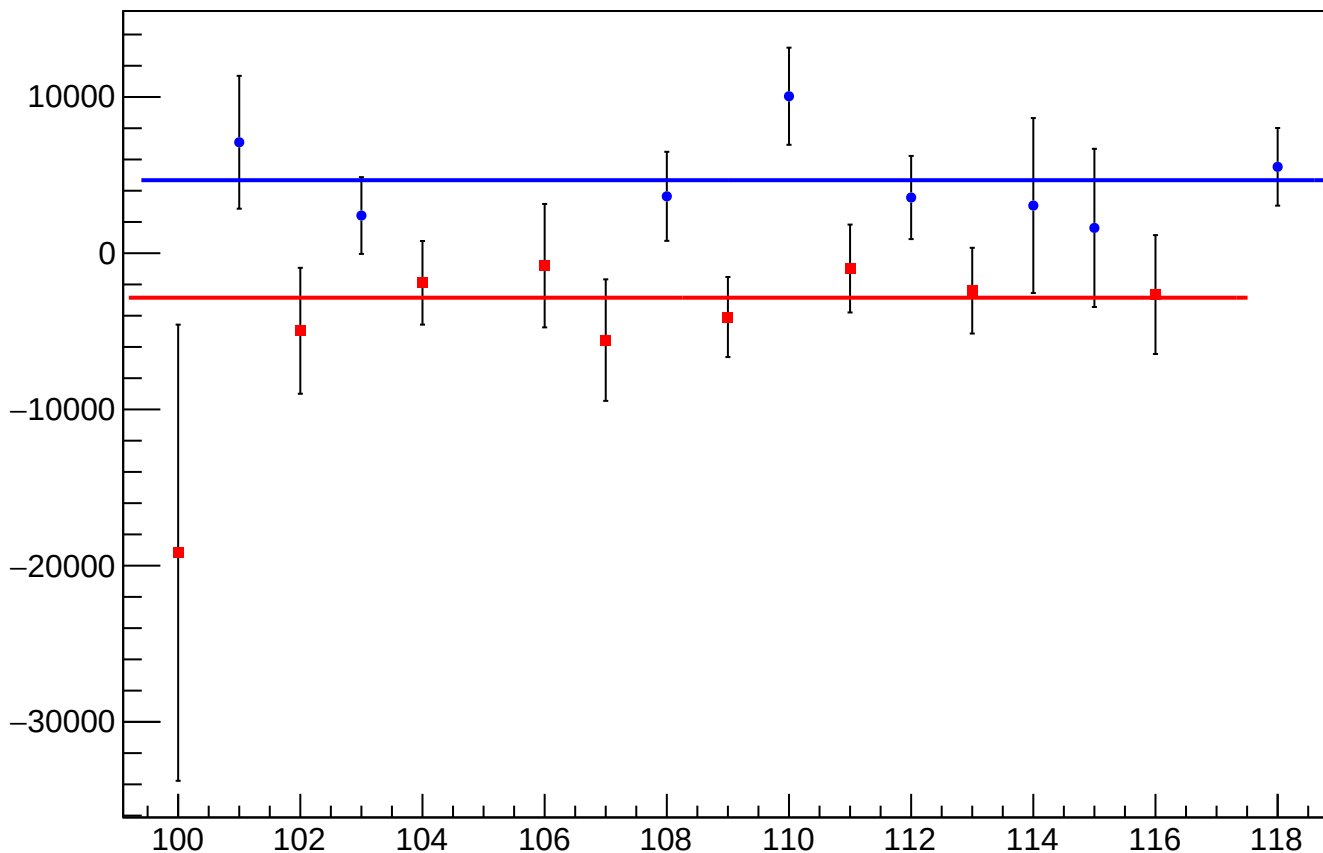
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3765.448+/-1.110 χ^2/NDF : 1772057.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



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: -2847.968+/-1106.711 χ^2/NDF : 3.1/8

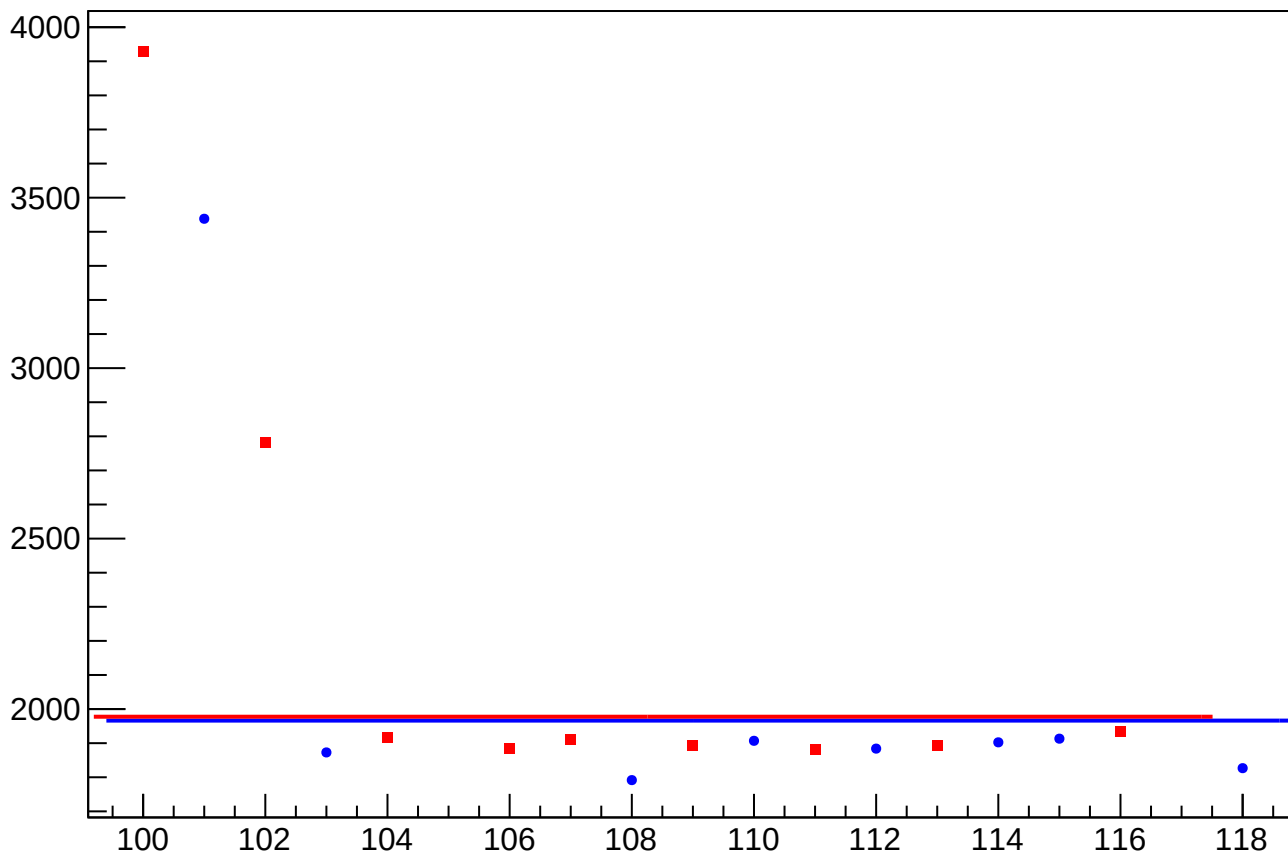
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.268+/-781.377 χ^2/NDF : 31.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



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: 1977.585+/-0.781 χ^2/NDF : 124703.8/8

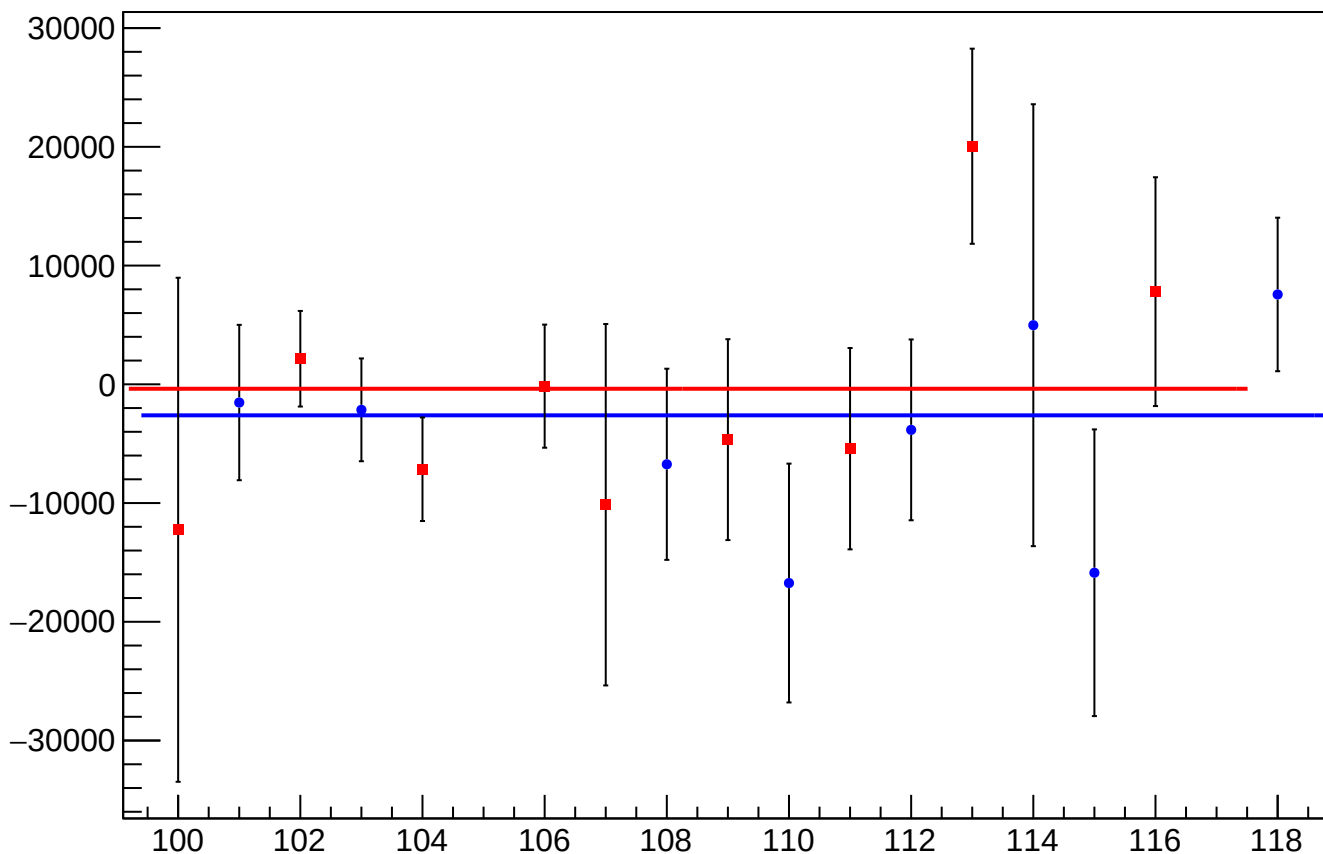
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.889+/-0.552 χ^2/NDF : 384143.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



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: -374.669+/-2174.555 χ^2 /NDF: 11.0/8

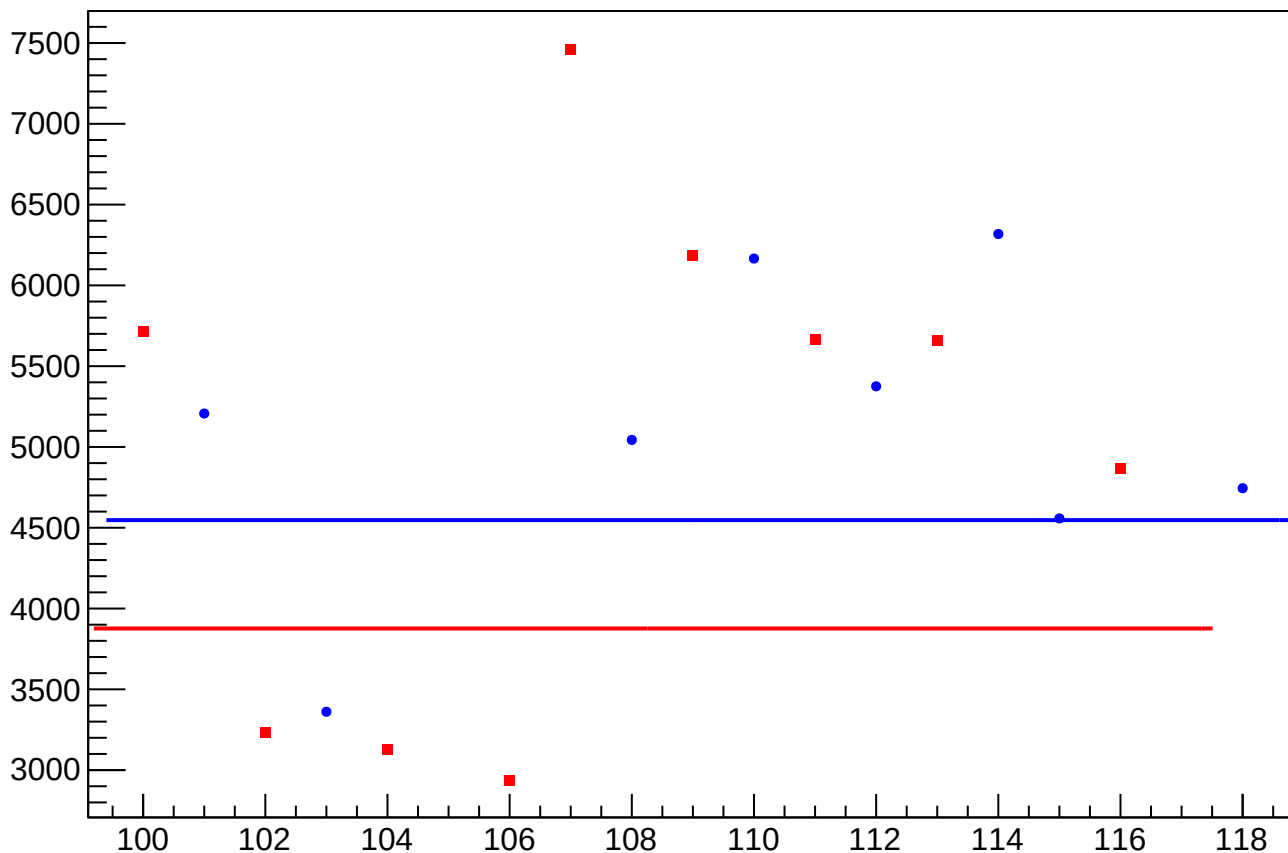
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1314.002+/-1656.468 χ^2 /NDF: 17.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4547.163+/-1.808 χ^2/NDF : 273530.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

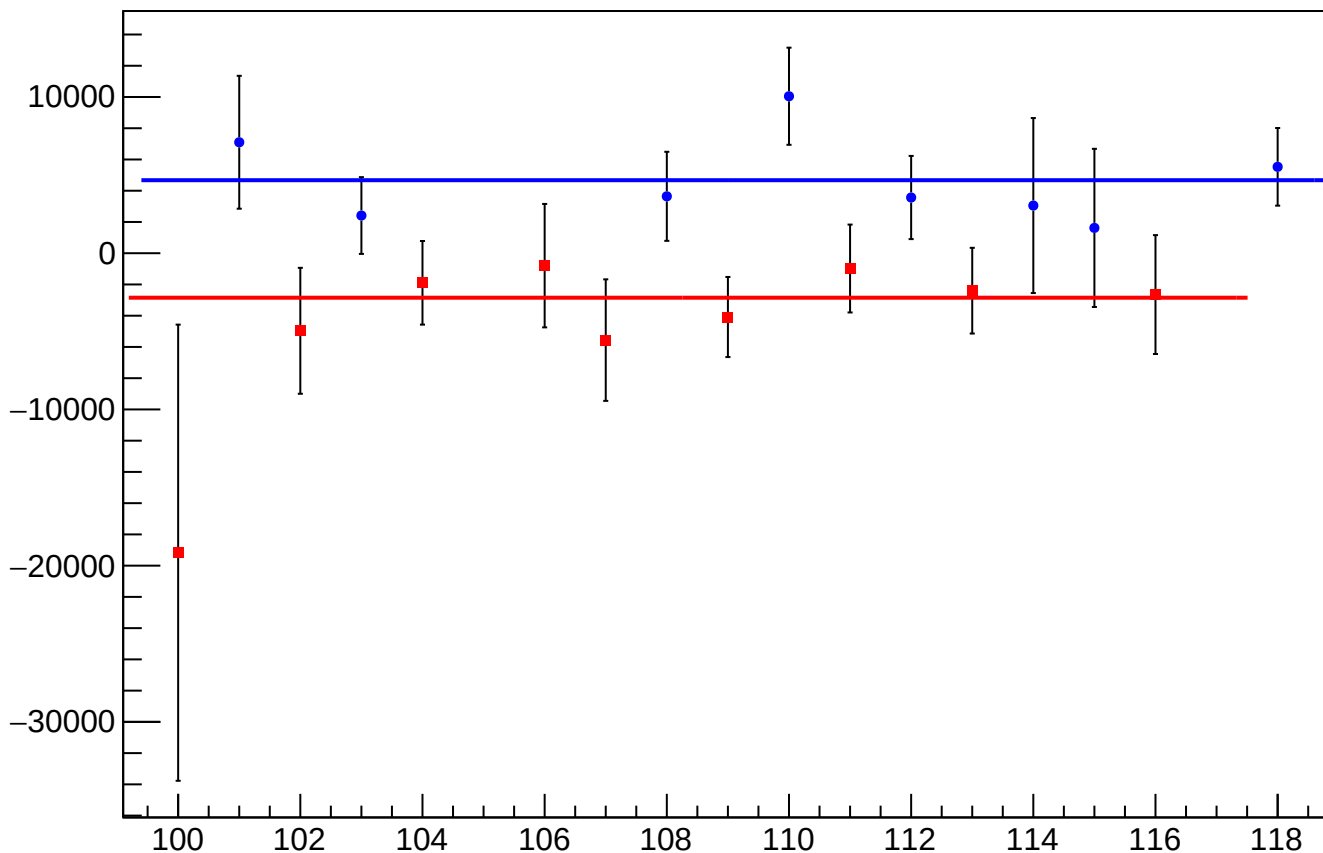
Right Out: 3876.525+/-1.538 χ^2/NDF : 654520.3/8

All: 4158.016+/-1.171 χ^2/NDF : 1007895.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug



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: -2847.969+/-1106.711 χ^2/NDF : 3.1/8

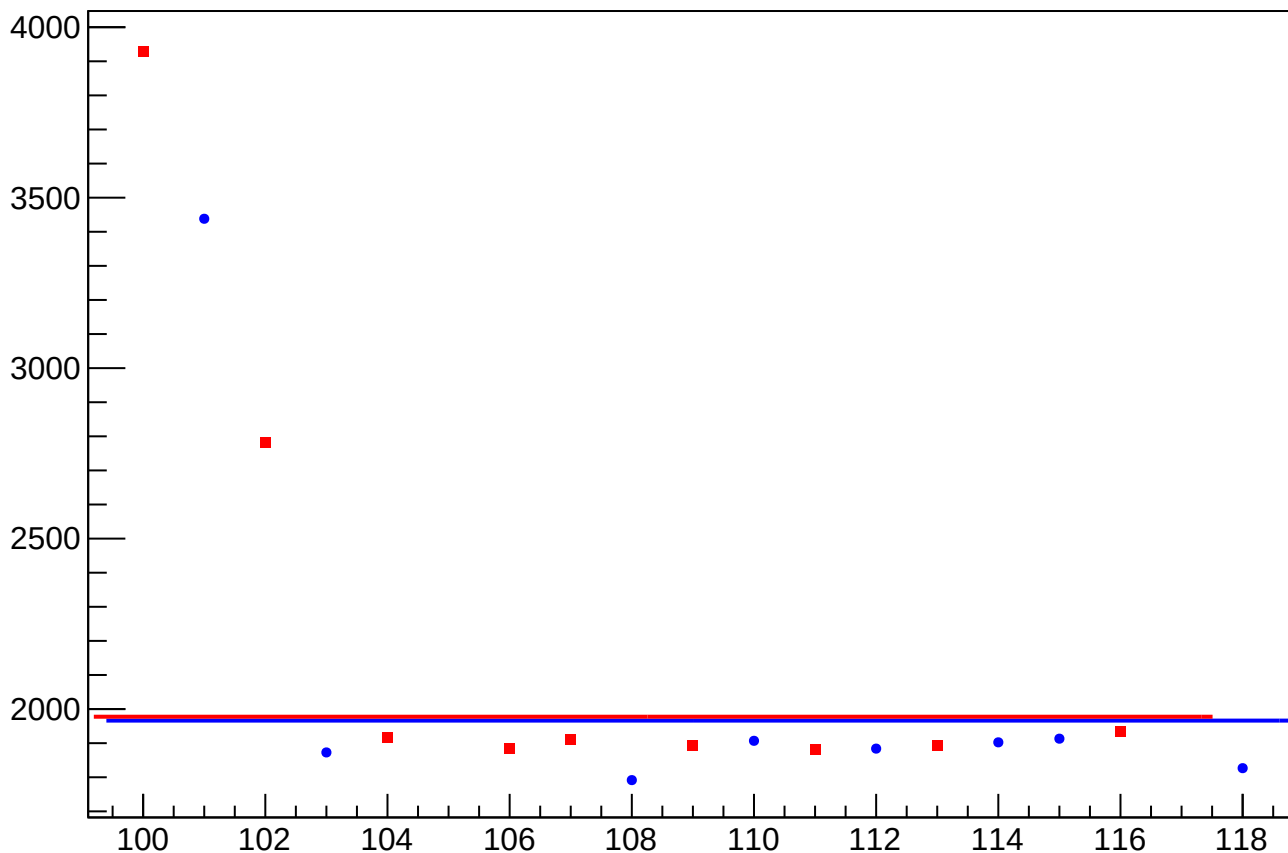
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.269+/-781.377 χ^2/NDF : 31.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



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: 1977.583+/-0.781 χ^2/NDF : 124703.3/8

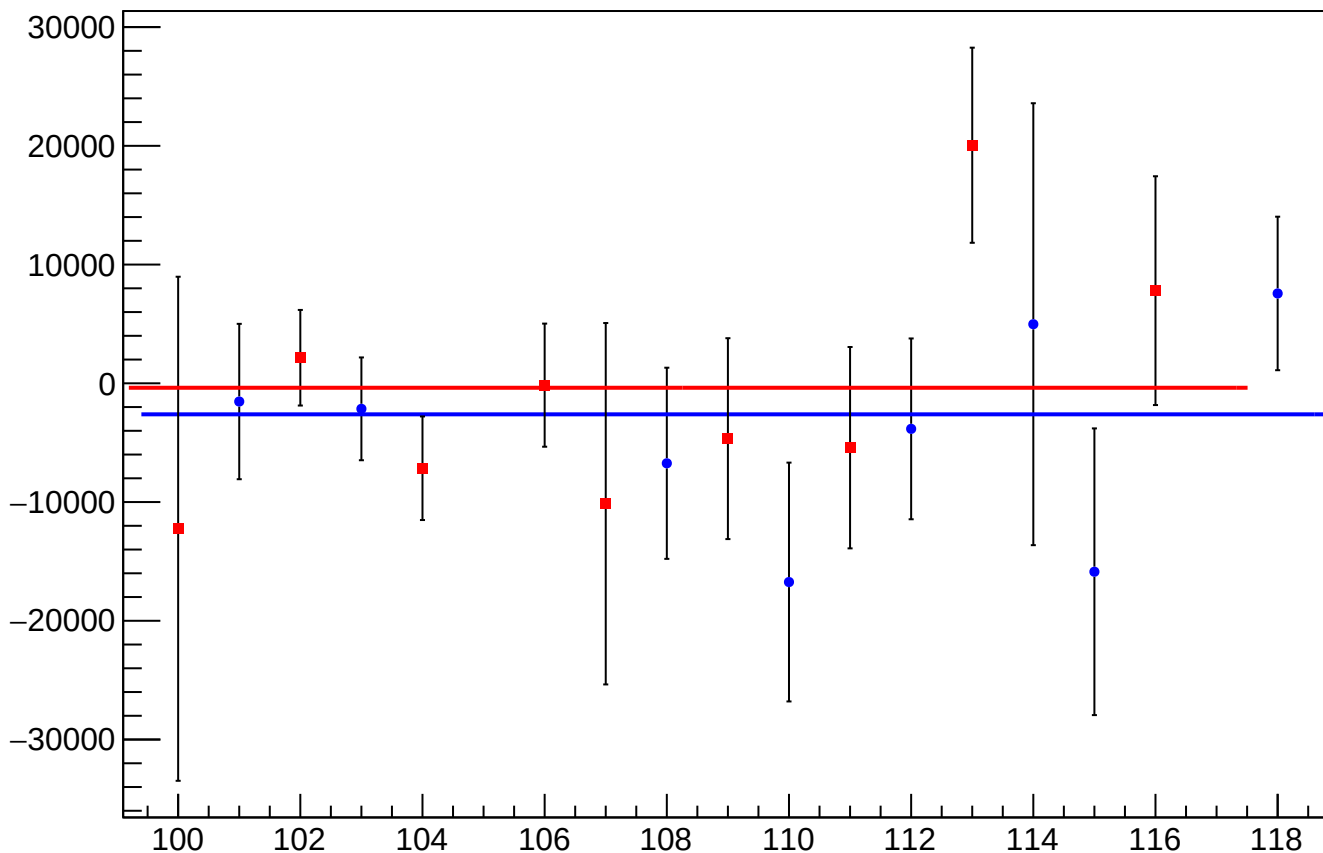
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1971.888+/-0.552 χ^2/NDF : 384143.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



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: -374.669+/-2174.550 χ^2/NDF : 11.0/8

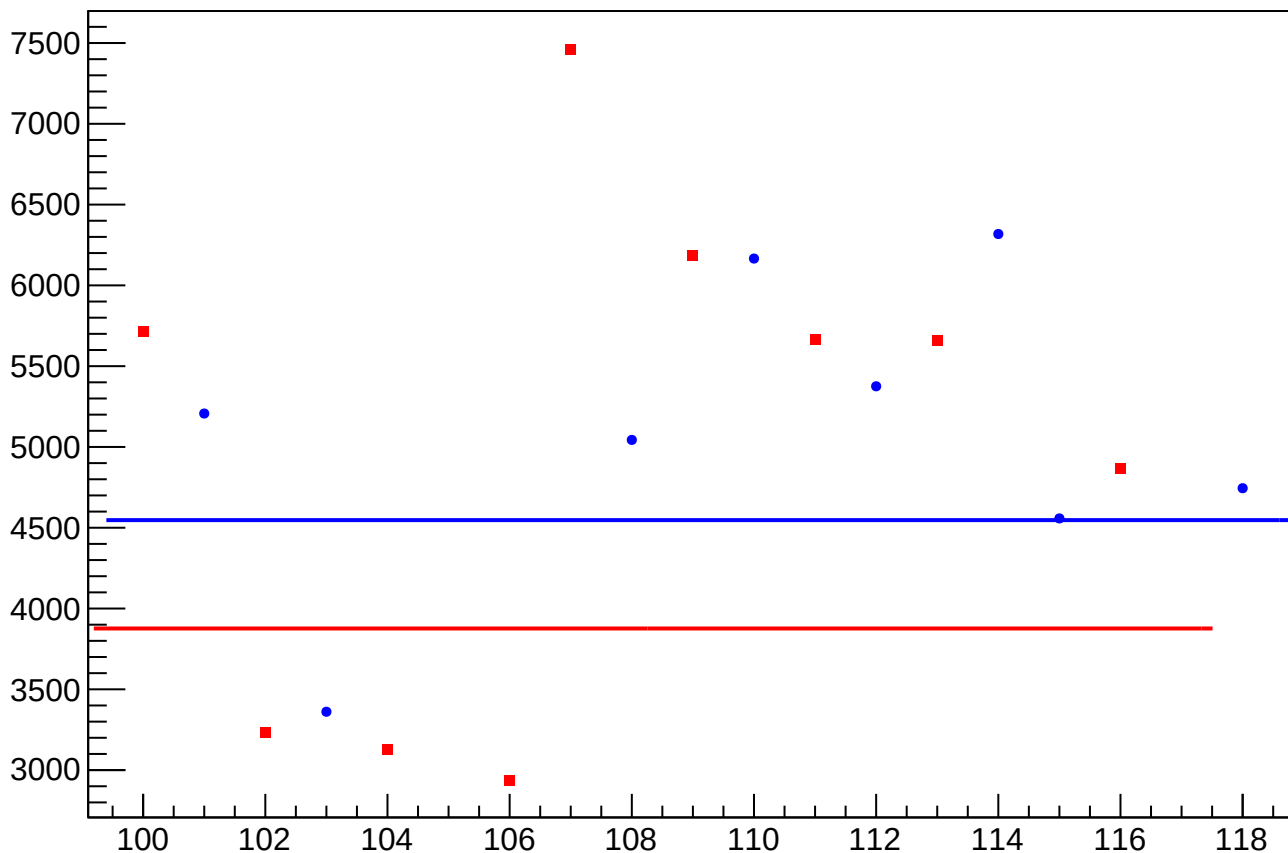
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1313.999+/-1656.464 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug



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: 3876.515+/-1.538 χ^2/NDF : 654519.9/8

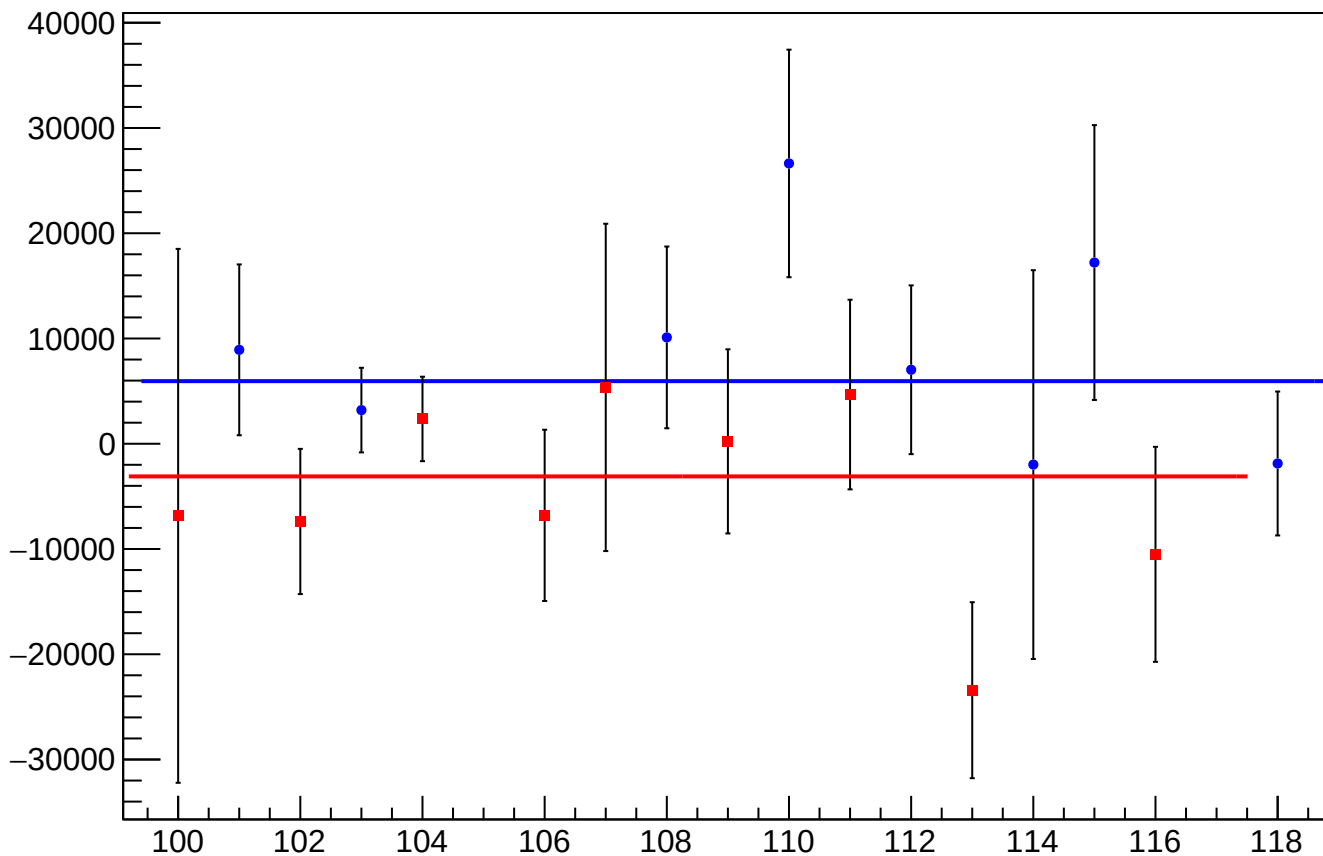
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4158.006+/-1.171 χ^2/NDF : 1007894.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_mean vs Slug



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: -3102.337+/-2554.754 χ^2/NDF : 10.1/8

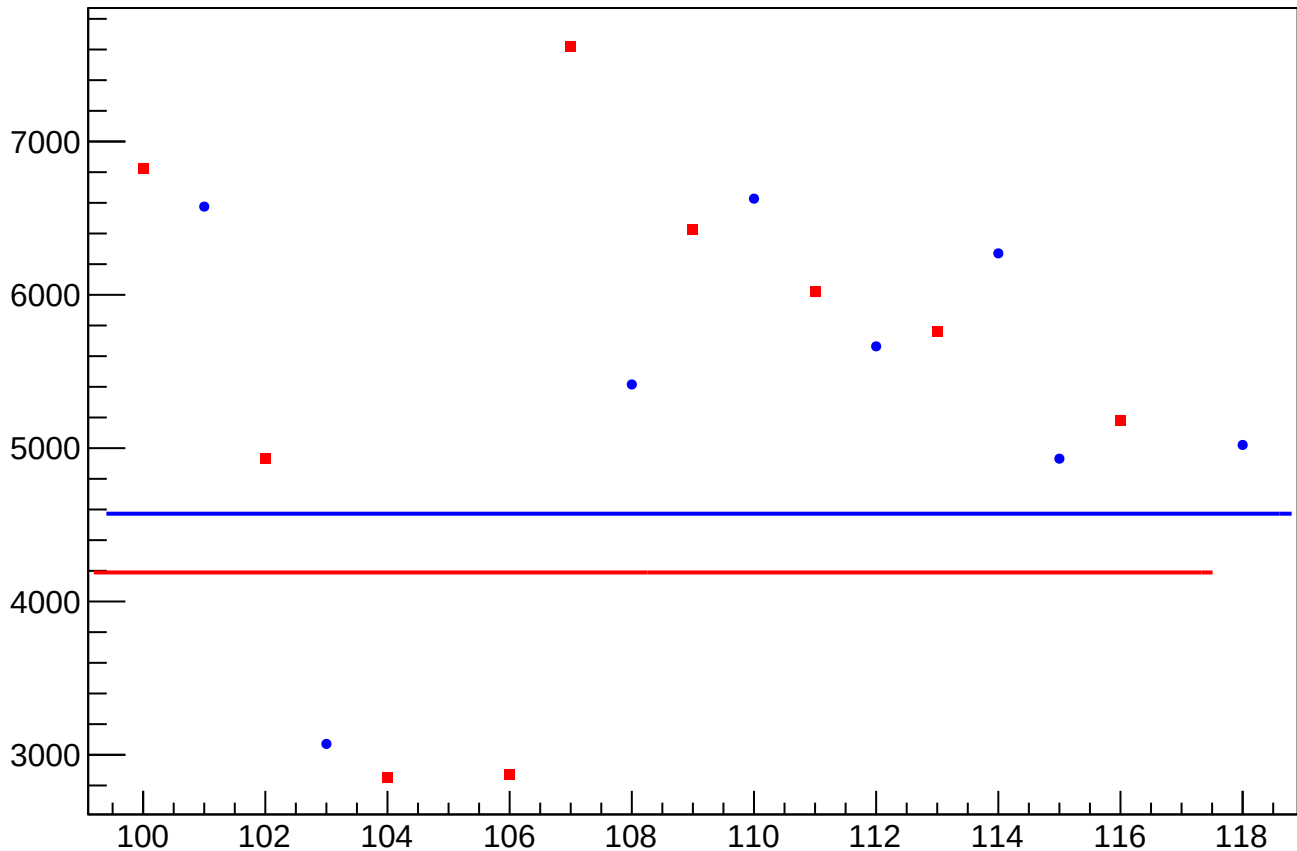
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.158+/-1831.759 χ^2/NDF : 22.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



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: 4189.324+/-1.744 χ^2/NDF : 758800.6/8

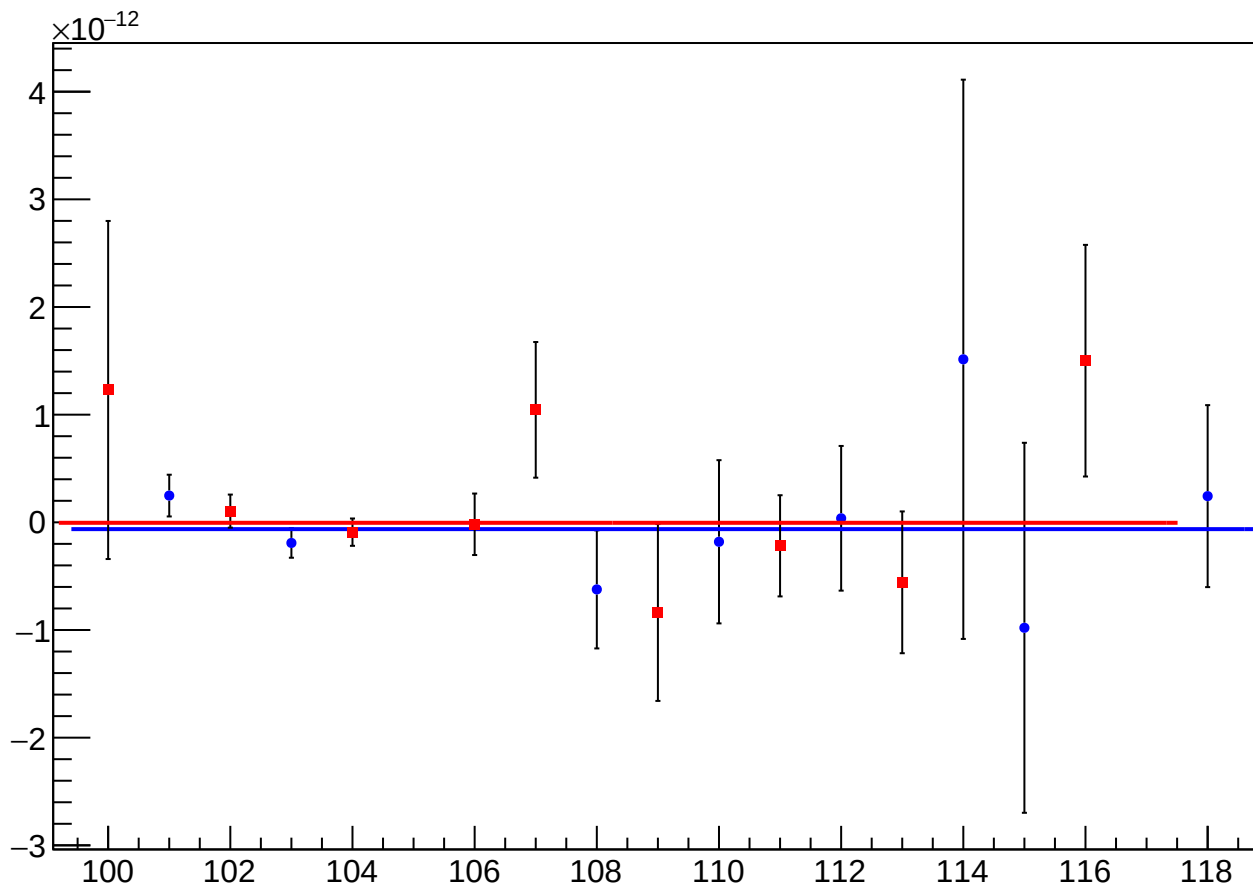
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4368.760+/-1.271 χ^2/NDF : 1337865.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug



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 : 8.3/8

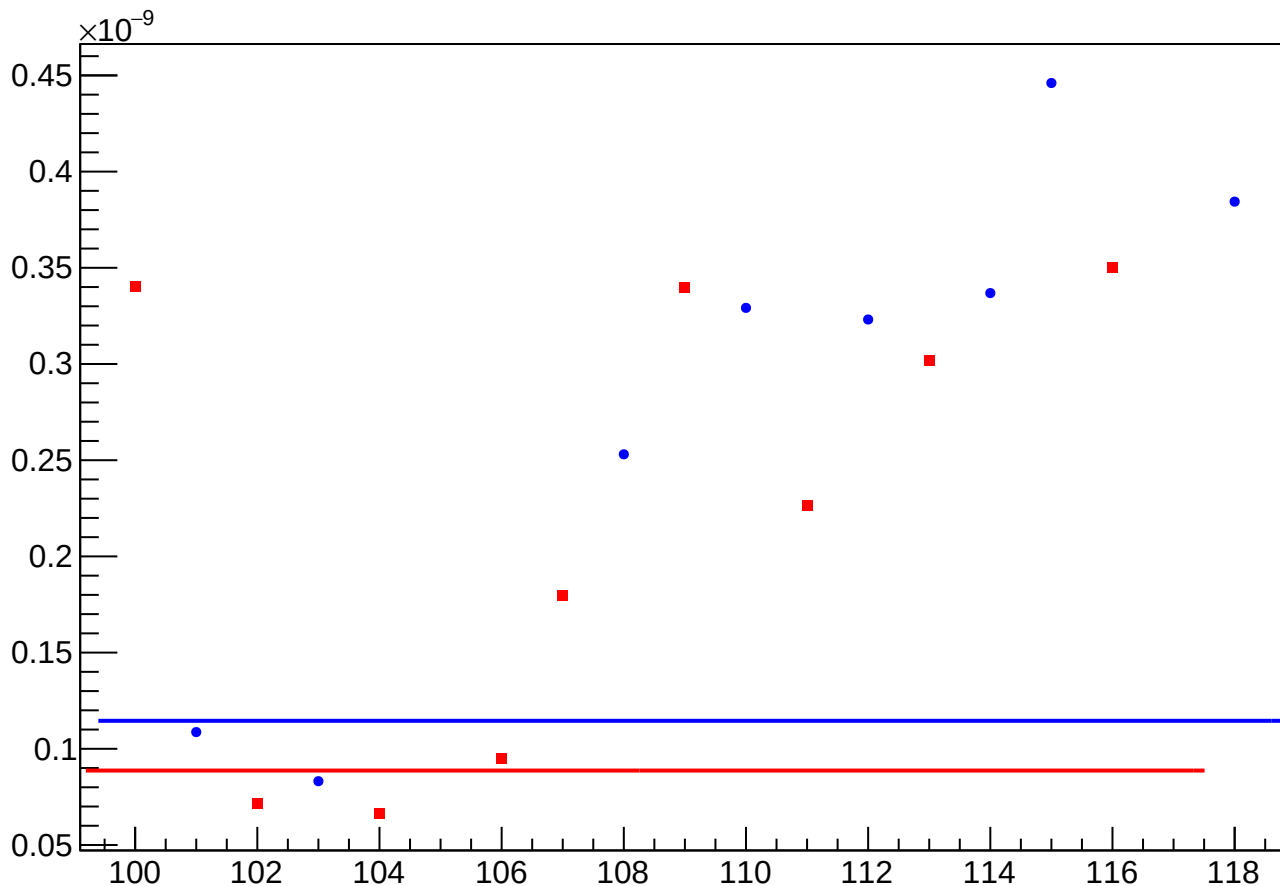
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug



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 : 868177.7/8

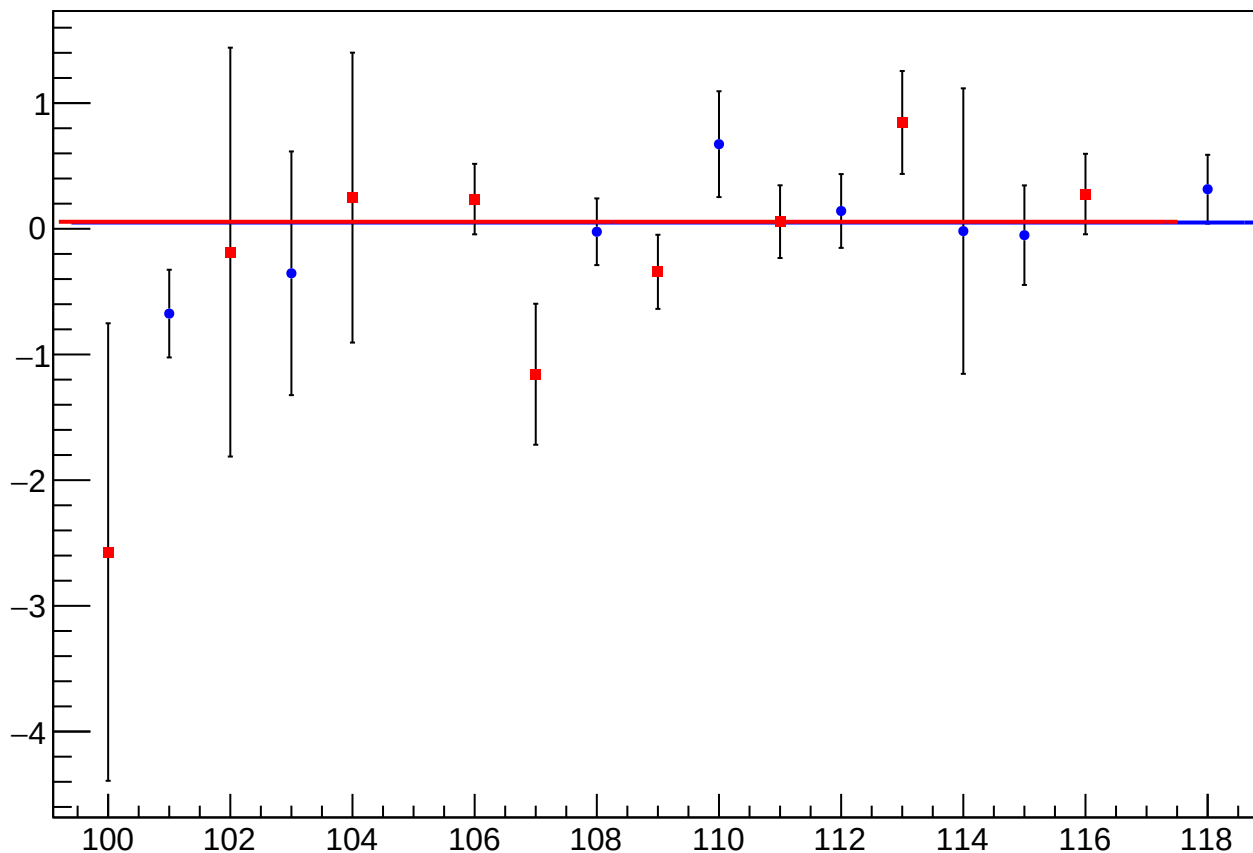
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1818372.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.128 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.056 $\pm$ 0.133 χ^2 /NDF: 13.2/8

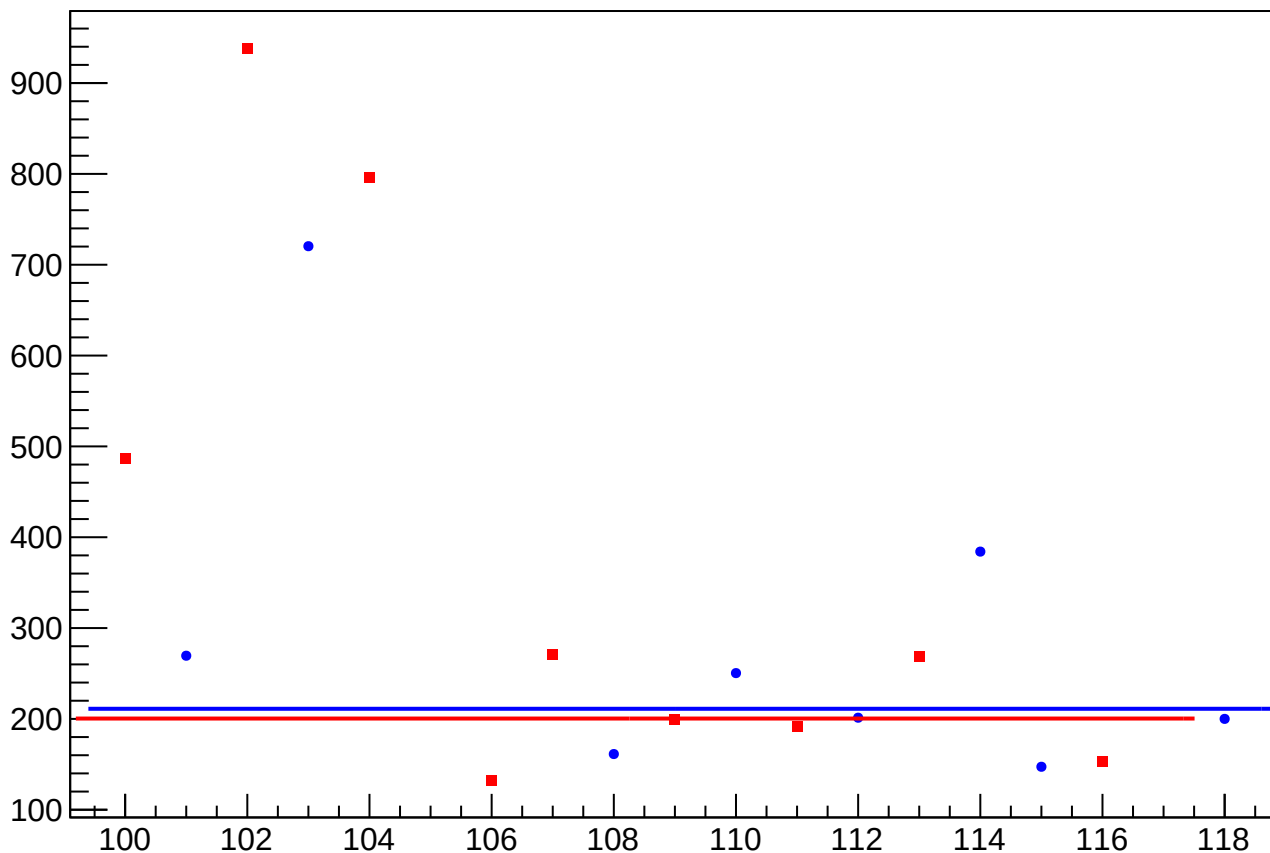
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.092 χ^2 /NDF: 21.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug



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: 200.395+/-0.094 χ^2/NDF : 1245344.4/8

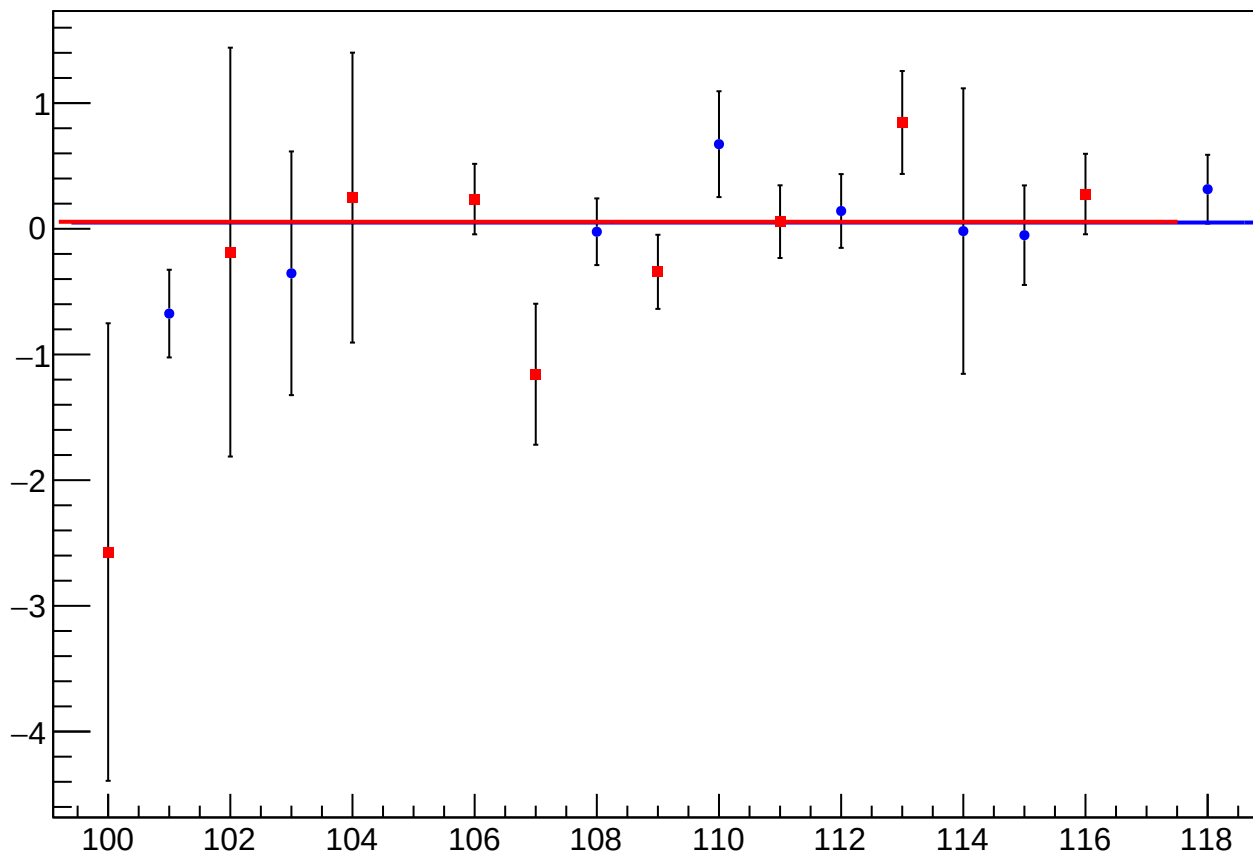
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.986+/-0.065 χ^2/NDF : 2052019.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.128 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.133 χ^2 /NDF: 13.2/8

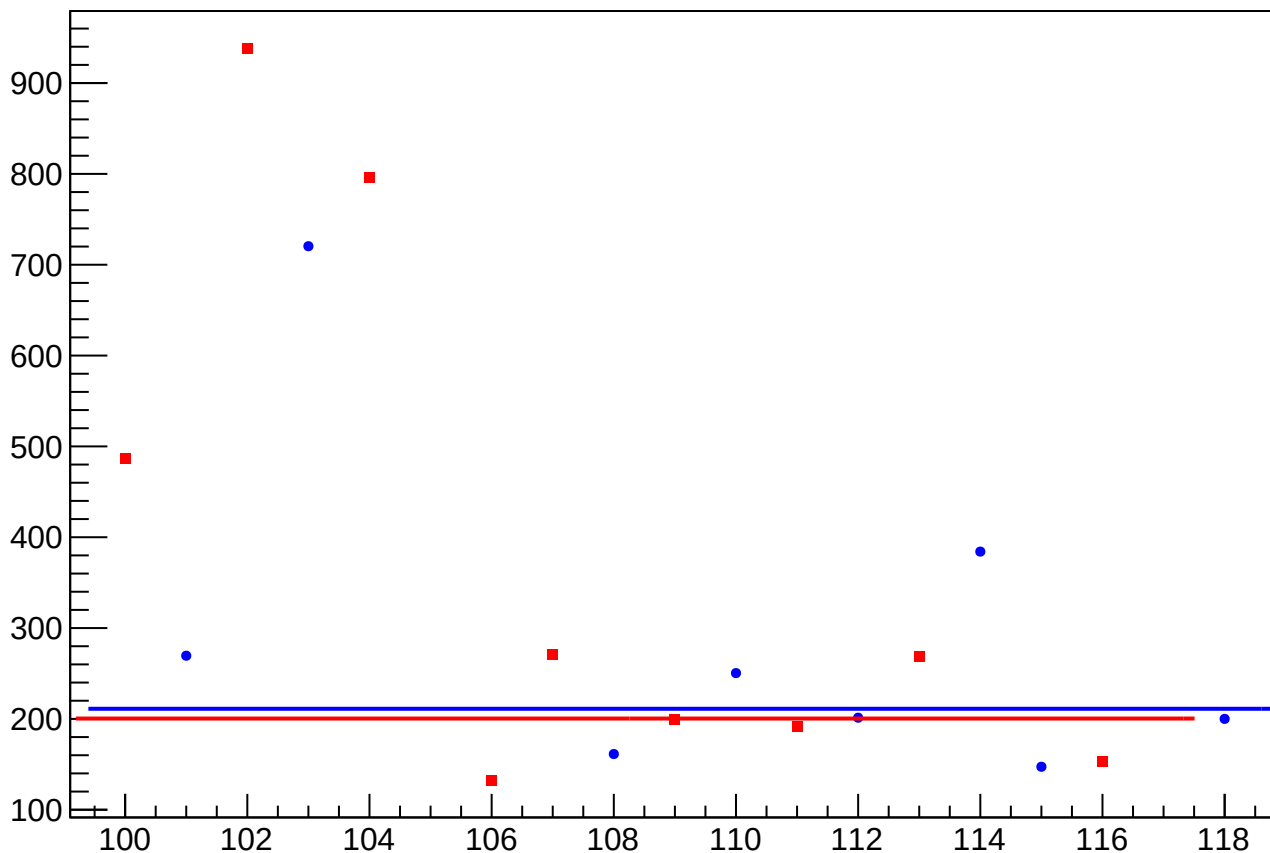
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.092 χ^2 /NDF: 21.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 200.395+/-0.094 χ^2/NDF : 1245344.4/8

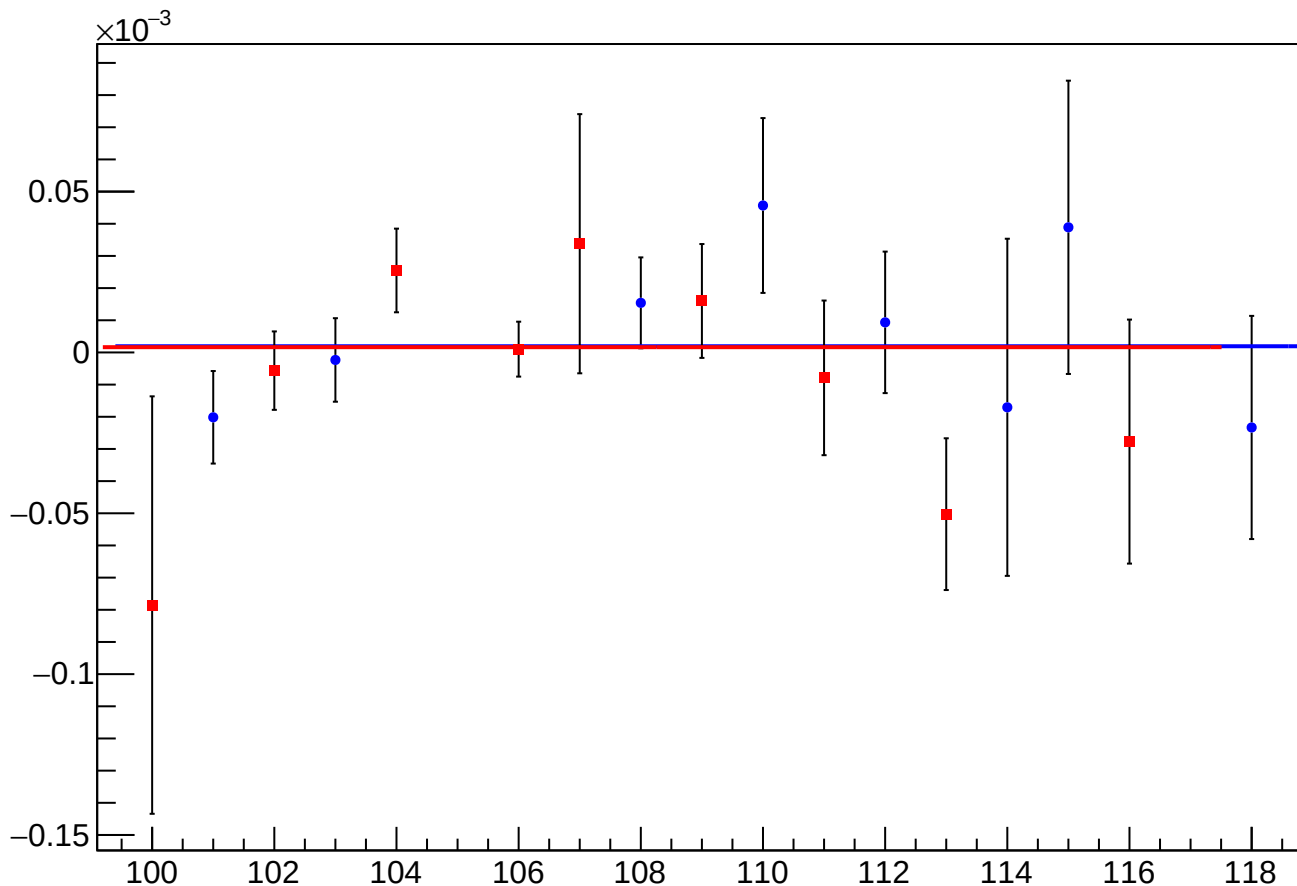
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.986+/-0.065 χ^2/NDF : 2052019.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.1/8

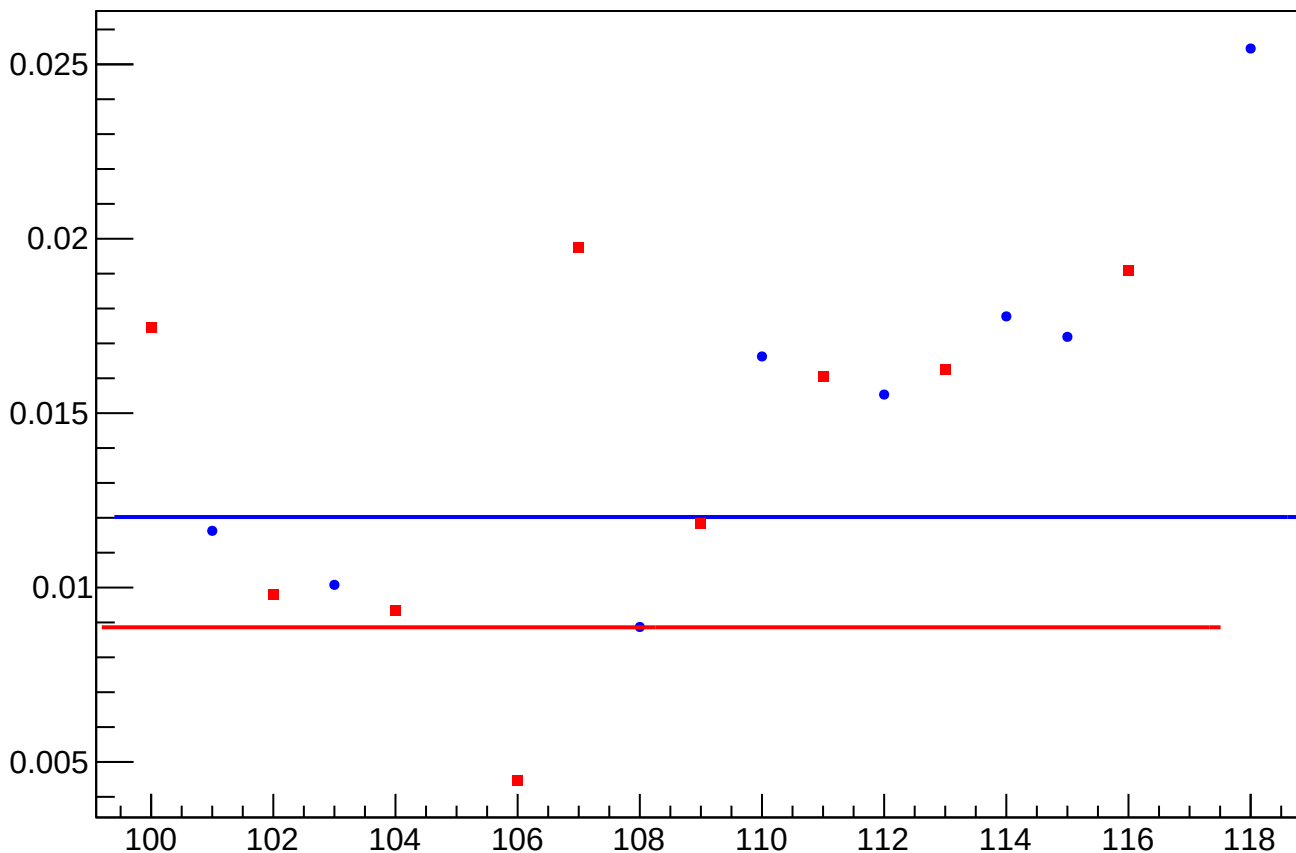
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1302468.7/8

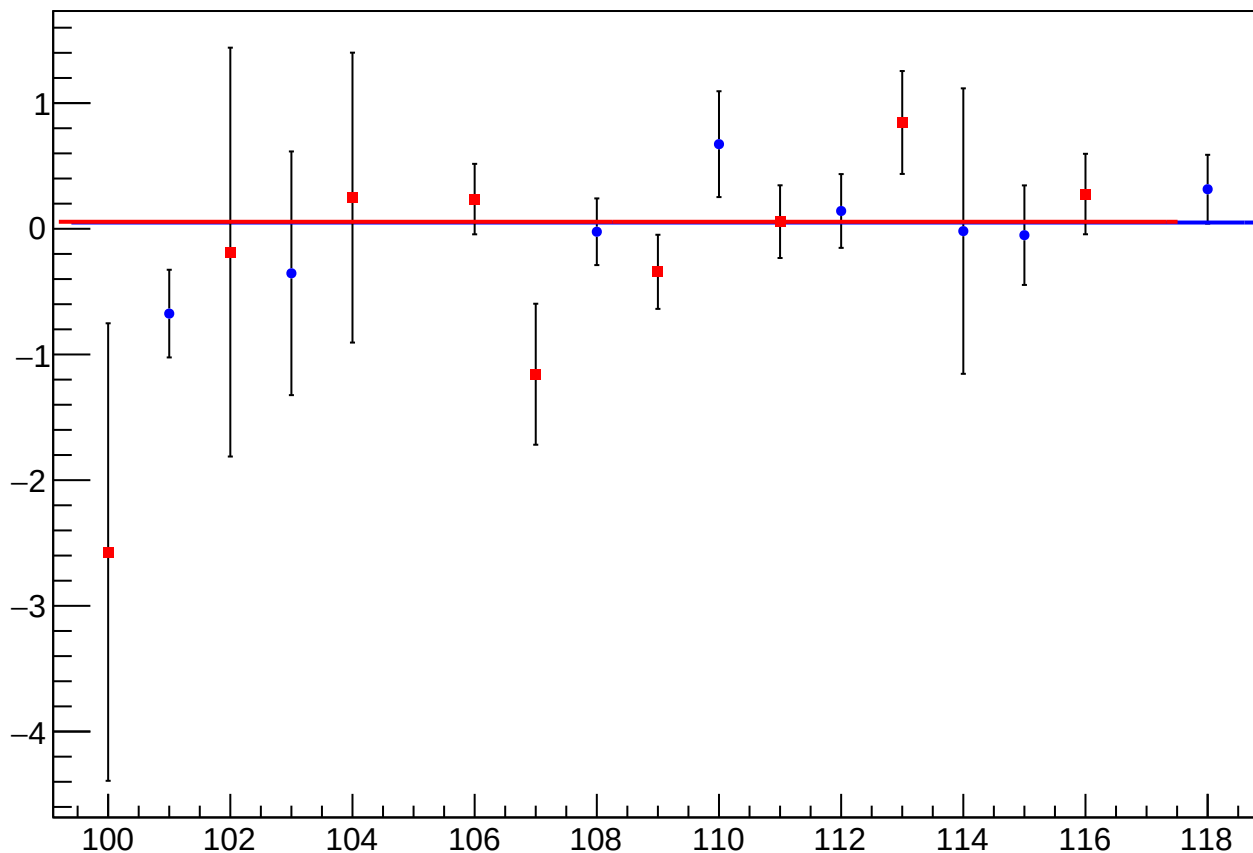
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 2166703.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.128 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.056 $\pm$ 0.133 χ^2 /NDF: 13.2/8

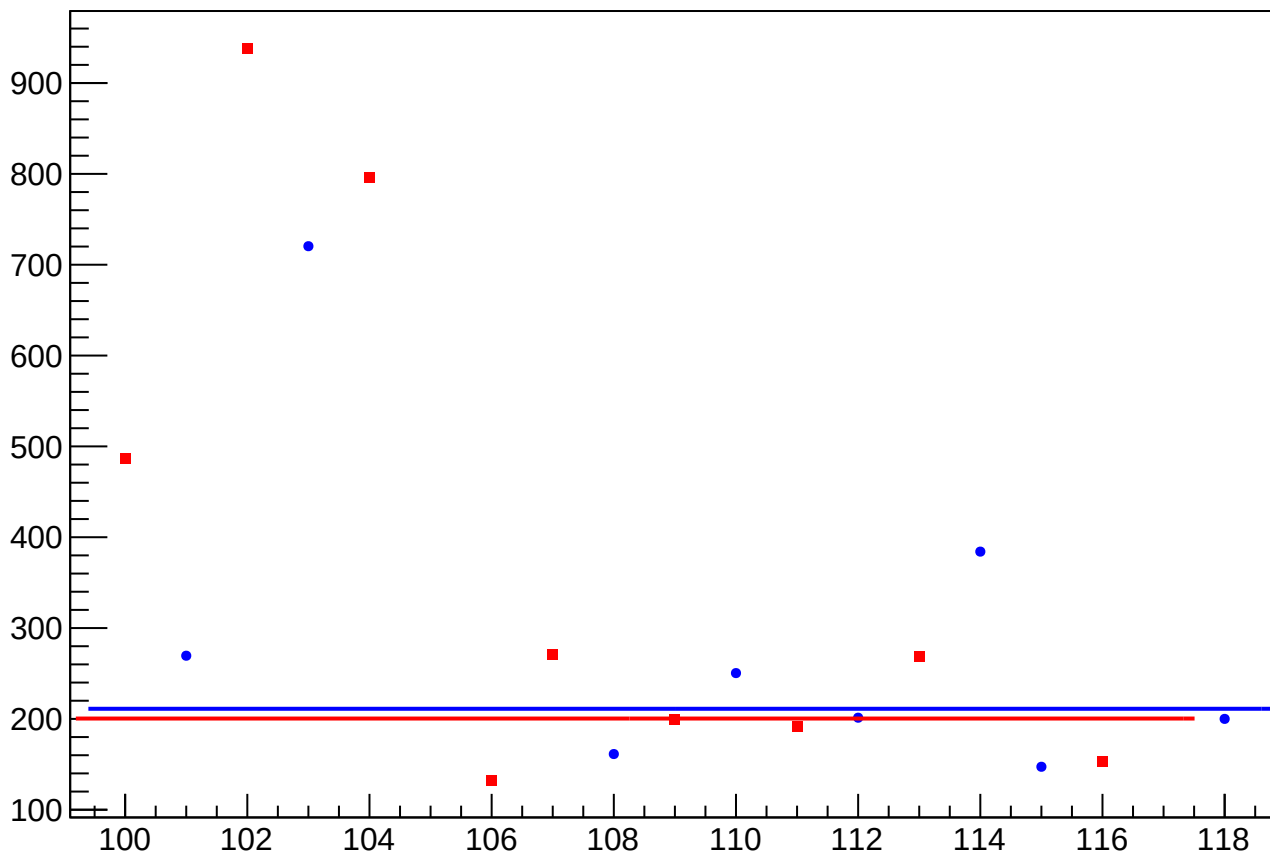
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.092 χ^2 /NDF: 21.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 200.396+/-0.094 χ^2/NDF : 1245328.1/8

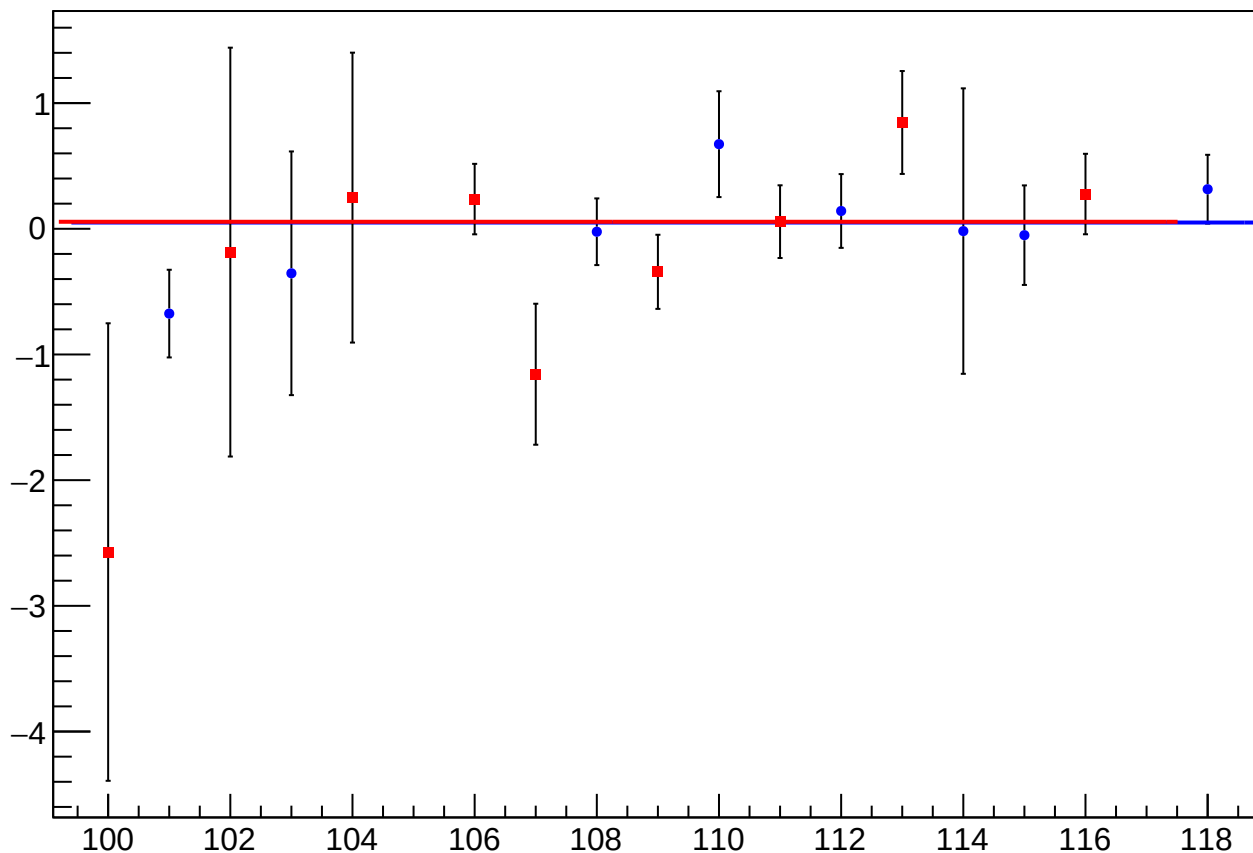
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.986+/-0.065 χ^2/NDF : 2051988.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.128 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.056 $\pm$ 0.133 χ^2 /NDF: 13.2/8

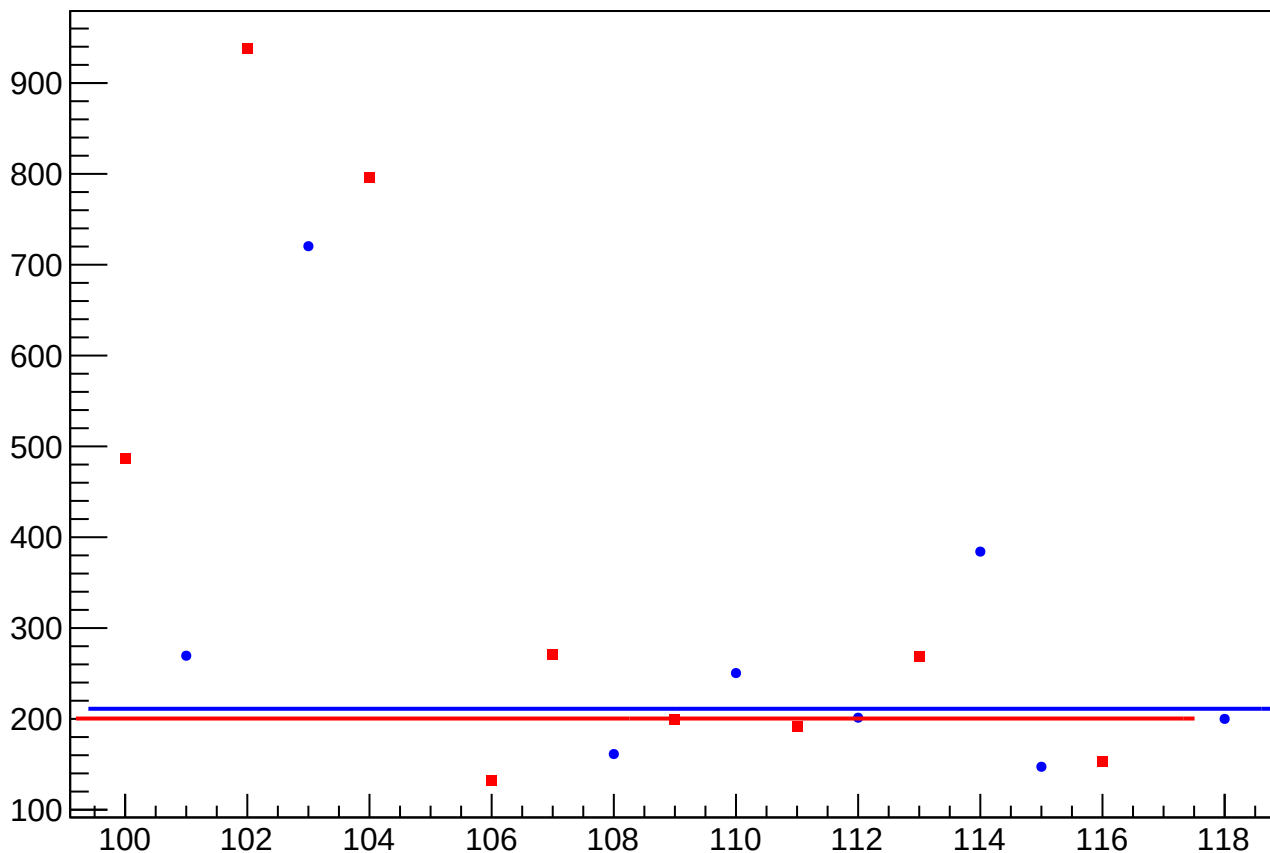
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.092 χ^2 /NDF: 21.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 200.396+/-0.094 χ^2/NDF : 1245328.1/8

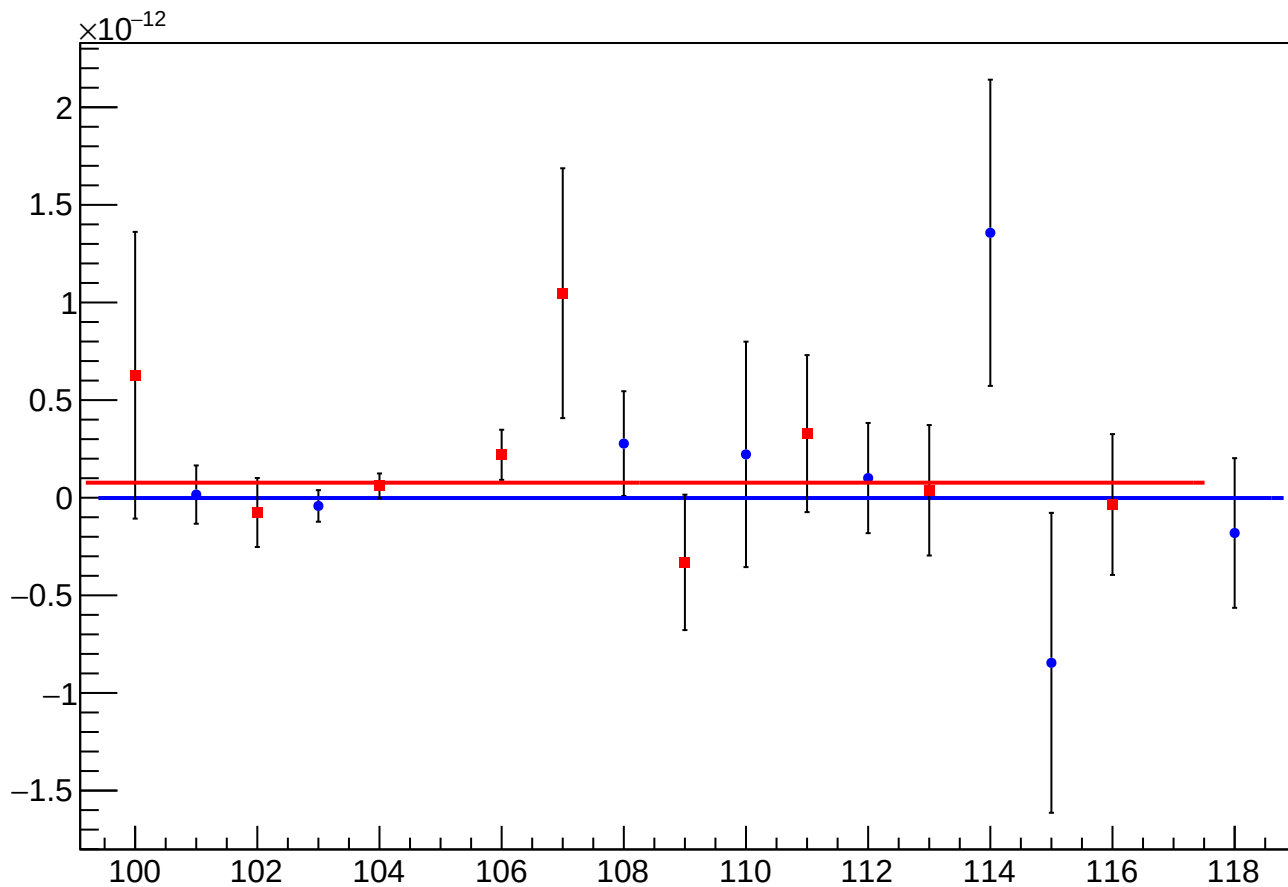
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

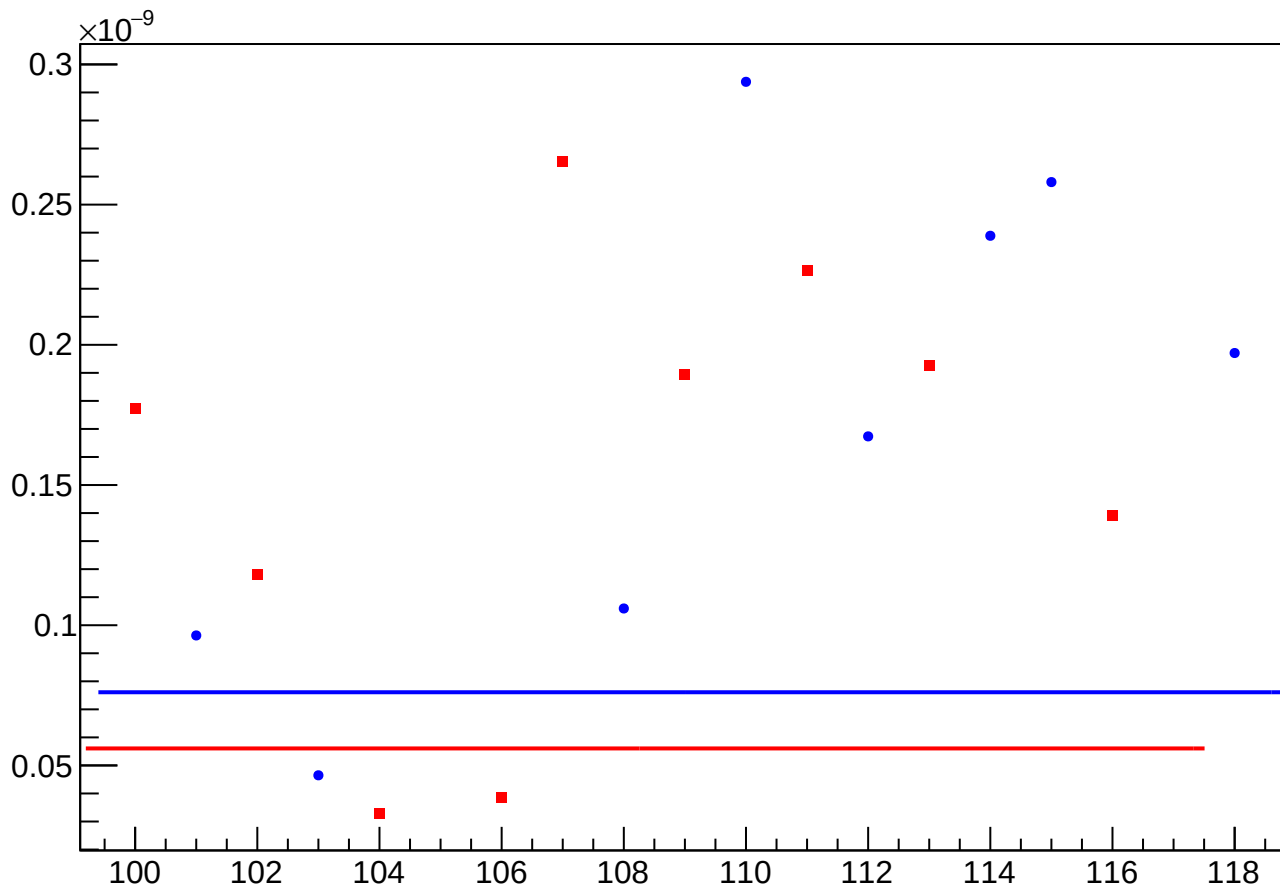
All: 205.986+/-0.065 χ^2/NDF : 2051988.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1913078.0/8

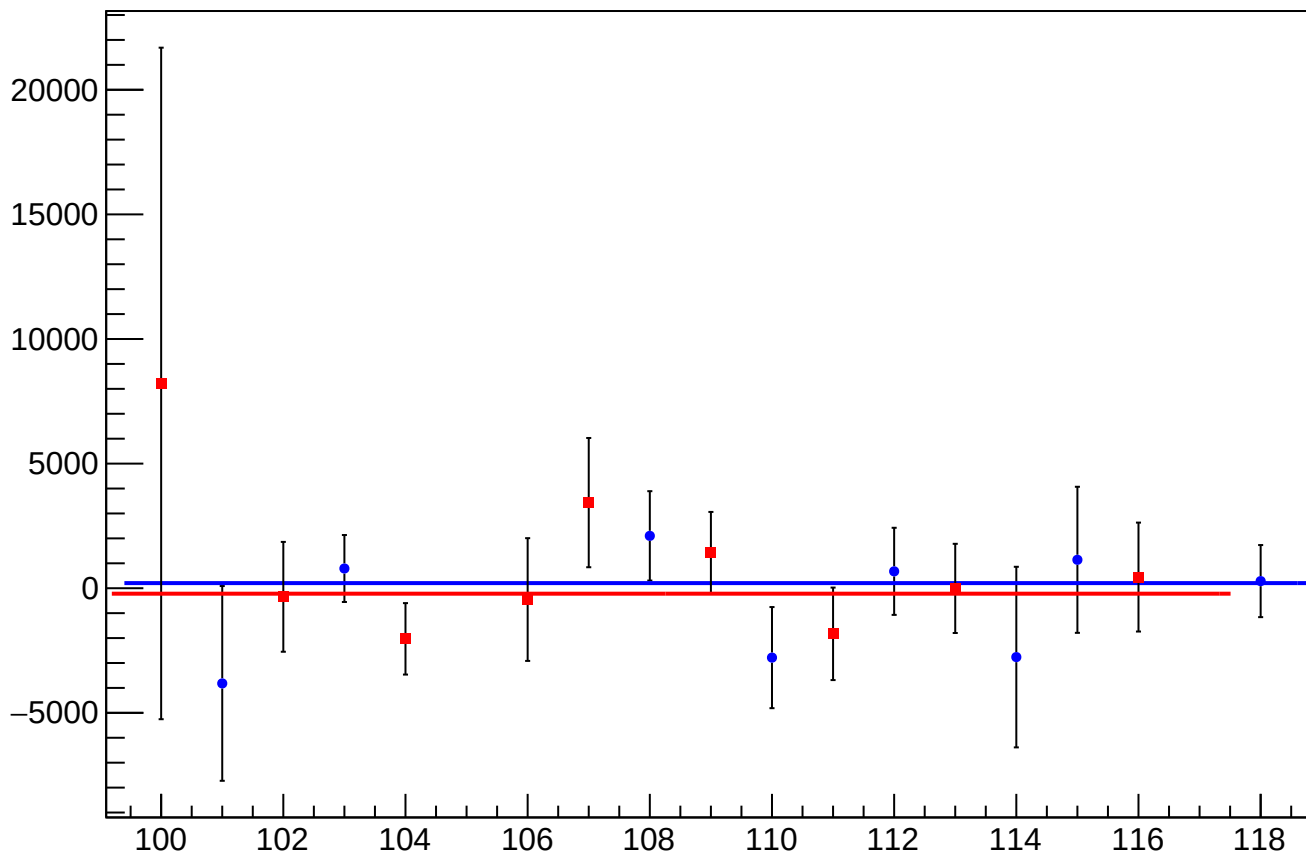
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3250049.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



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: -219.072+/-674.339 χ^2/NDF : 5.9/8

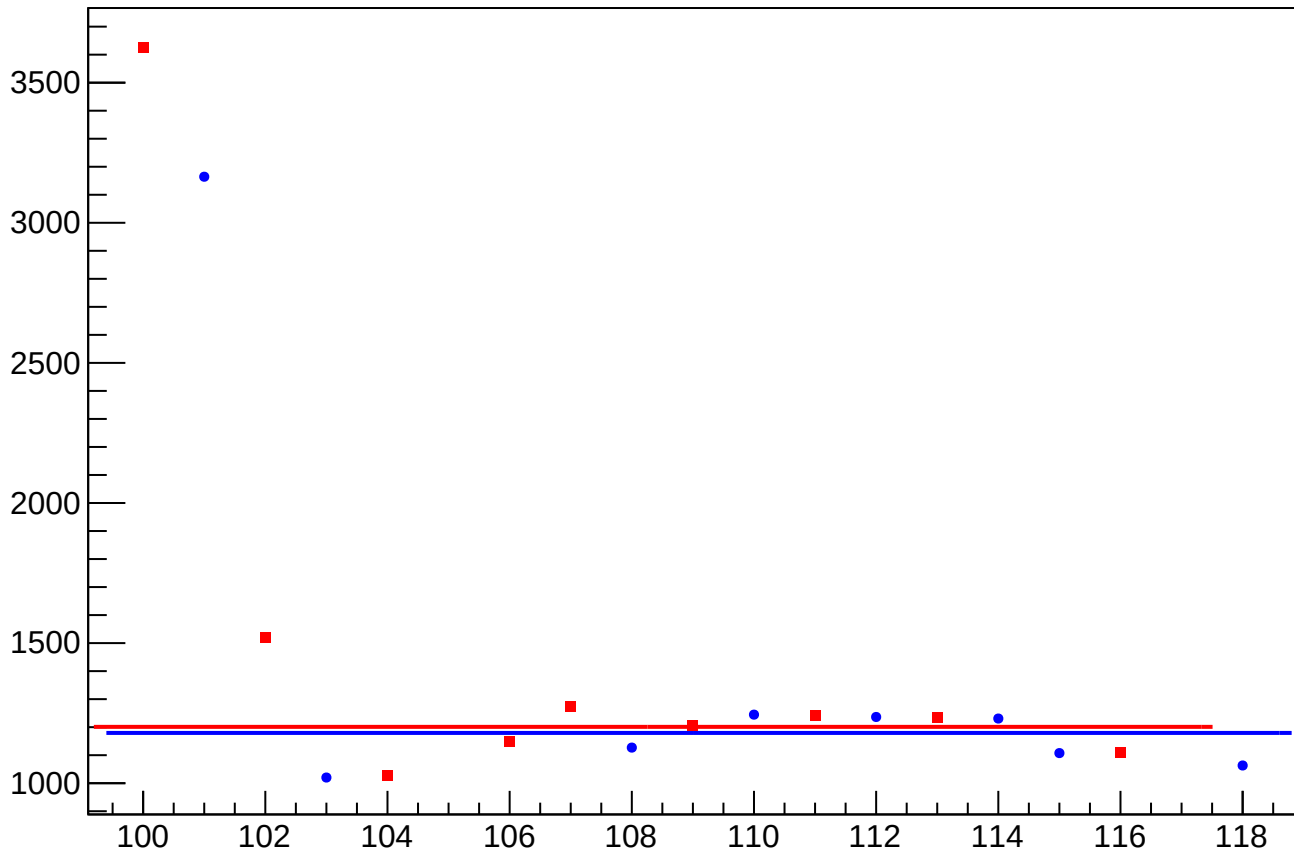
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.059+/-478.321 χ^2/NDF : 11.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



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: 1201.113+/-0.475 χ^2/NDF : 144176.0/8

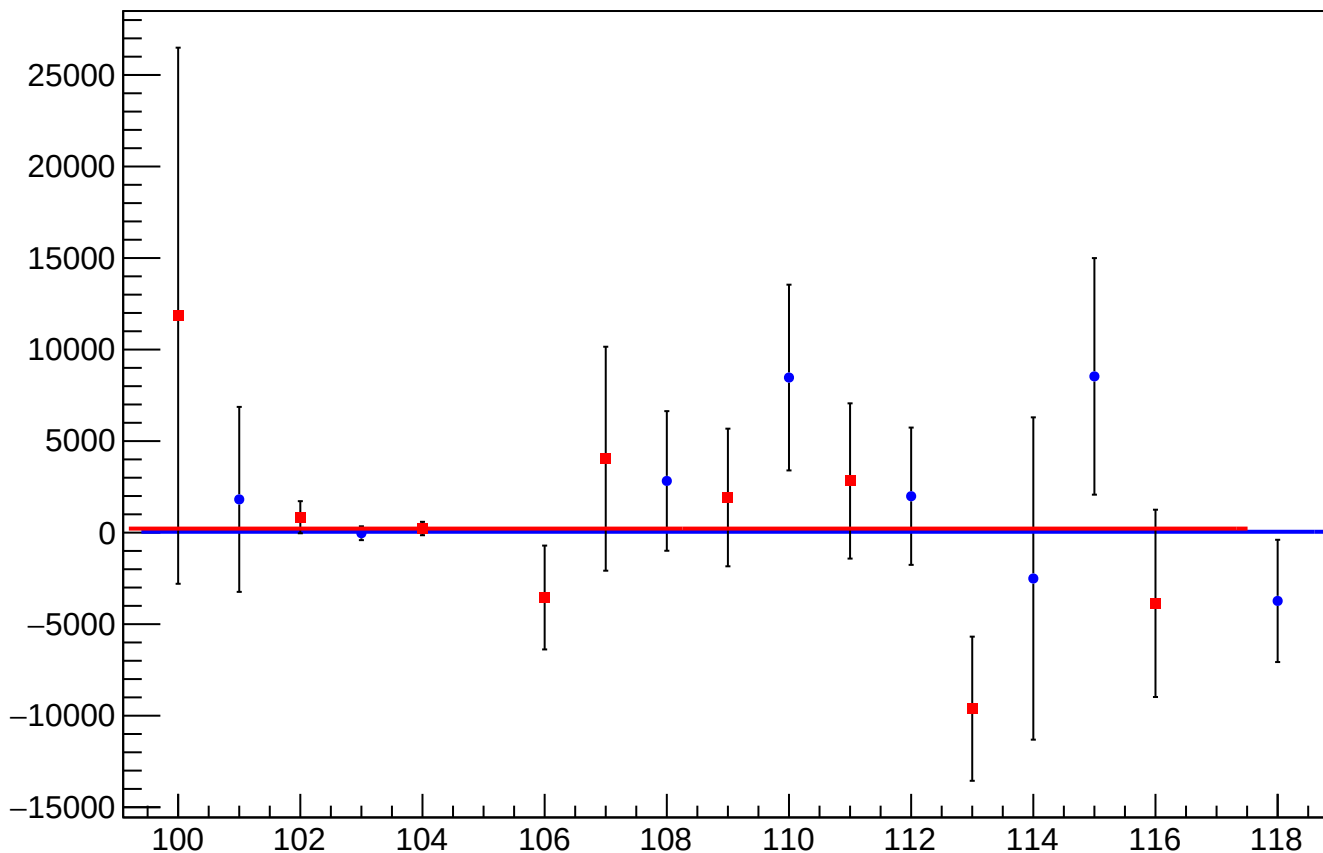
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1190.400+/-0.337 χ^2/NDF : 709808.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



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: 220.184+/-330.715 χ^2/NDF : 10.7/8

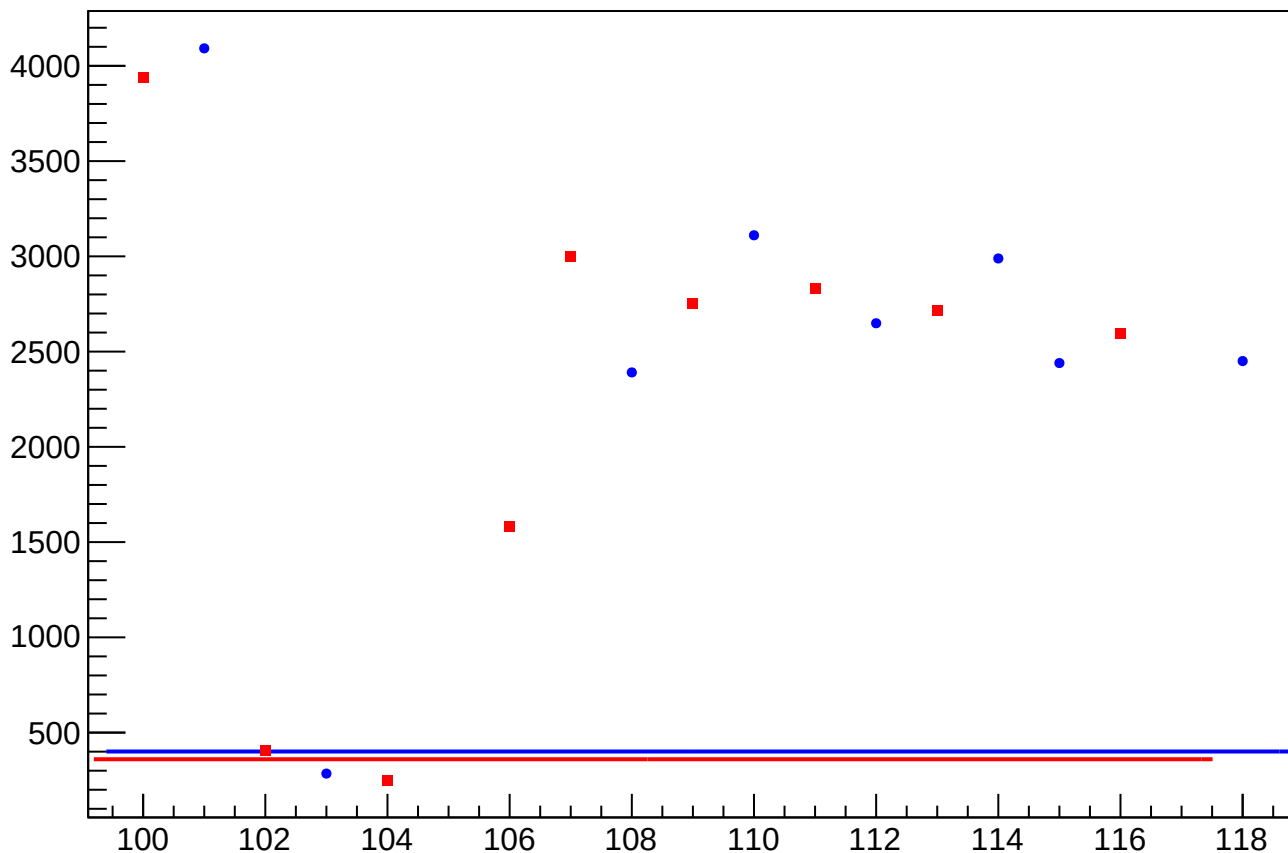
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.984+/-246.178 χ^2/NDF : 17.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 400.776 $\pm$ 0.261 χ^2 /NDF: 4215481.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 360.154 $\pm$ 0.234 χ^2 /NDF: 3643600.2/8

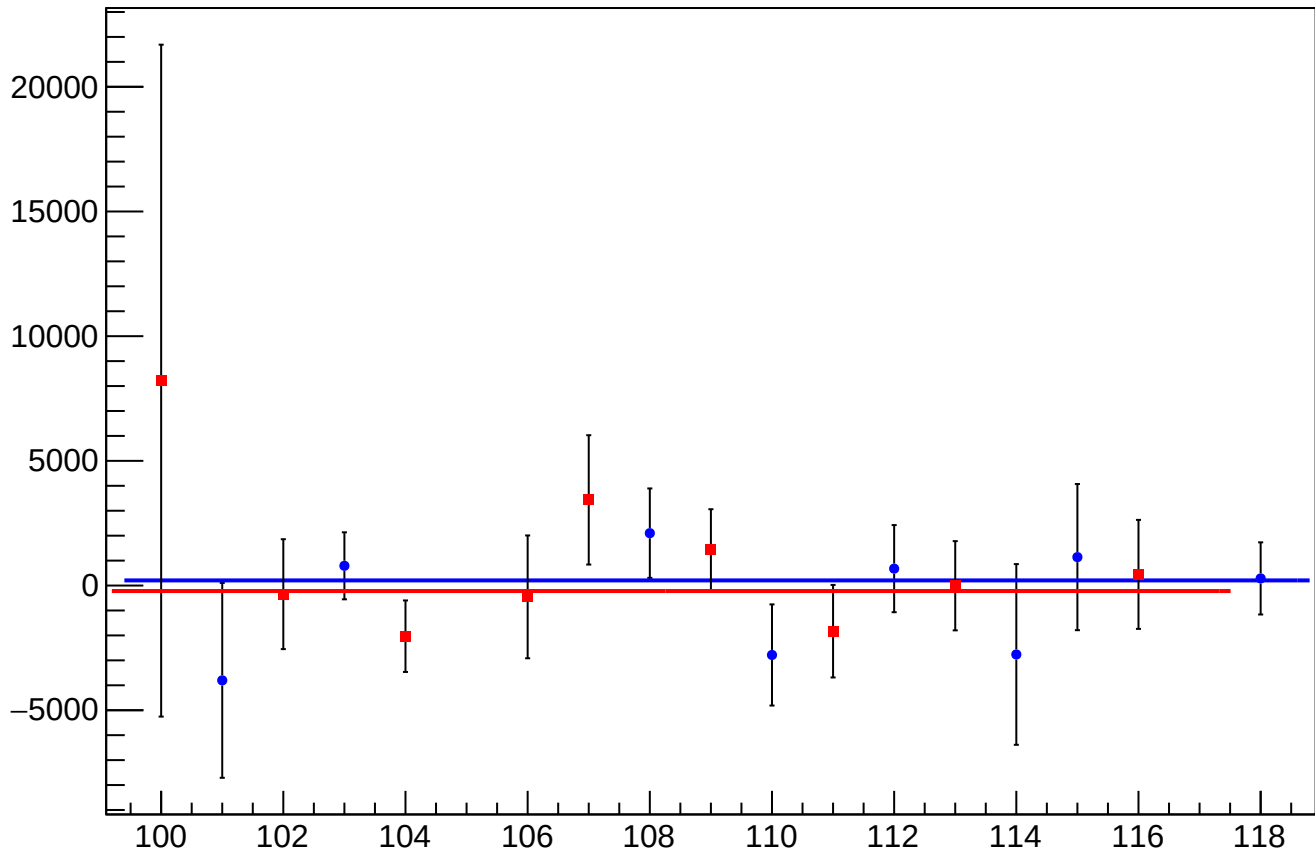
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 378.267 $\pm$ 0.174 χ^2 /NDF: 7872536.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 206.050 $\pm$ 678.578 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -219.455 $\pm$ 674.339 χ^2 /NDF: 5.9/8

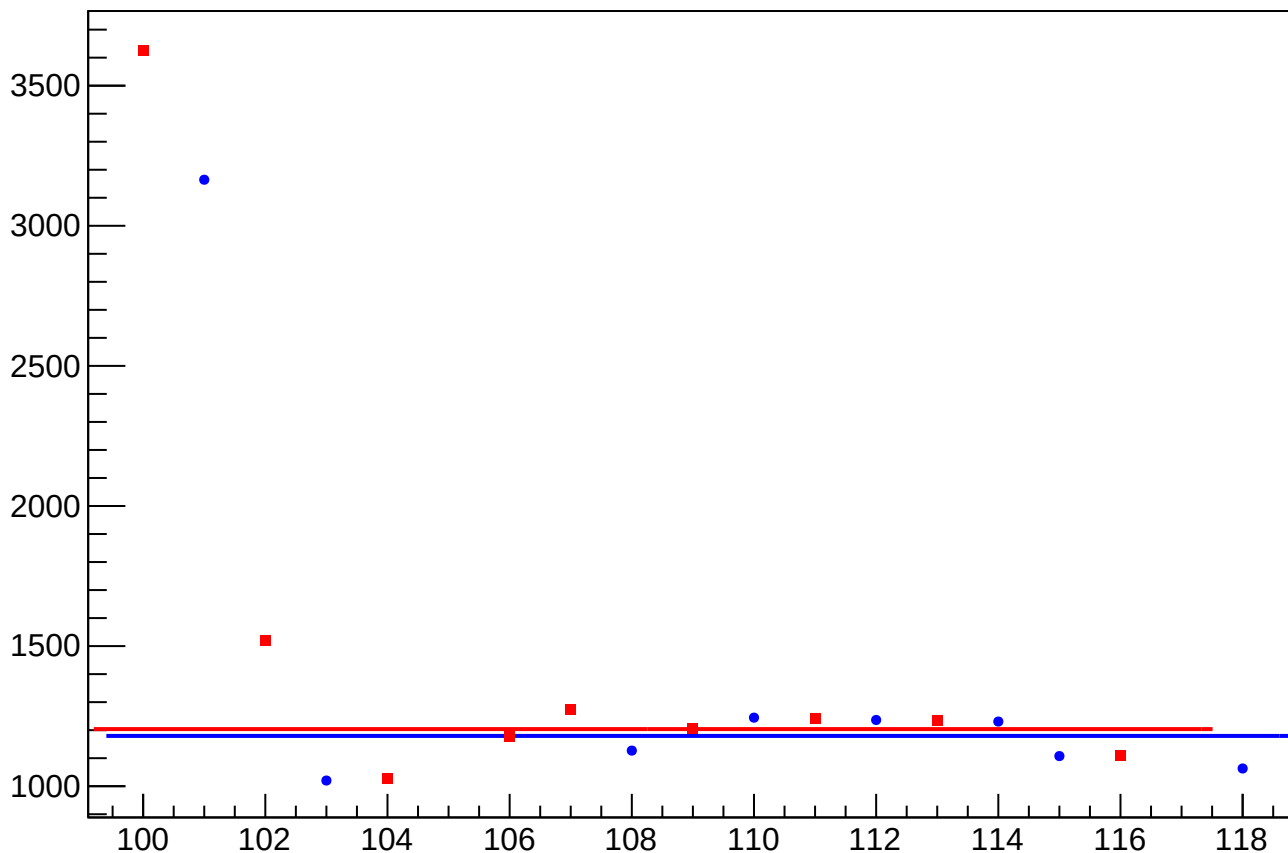
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.036 $\pm$ 478.321 χ^2 /NDF: 11.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



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: 1203.857+/-0.476 χ^2/NDF : 143253.1/8

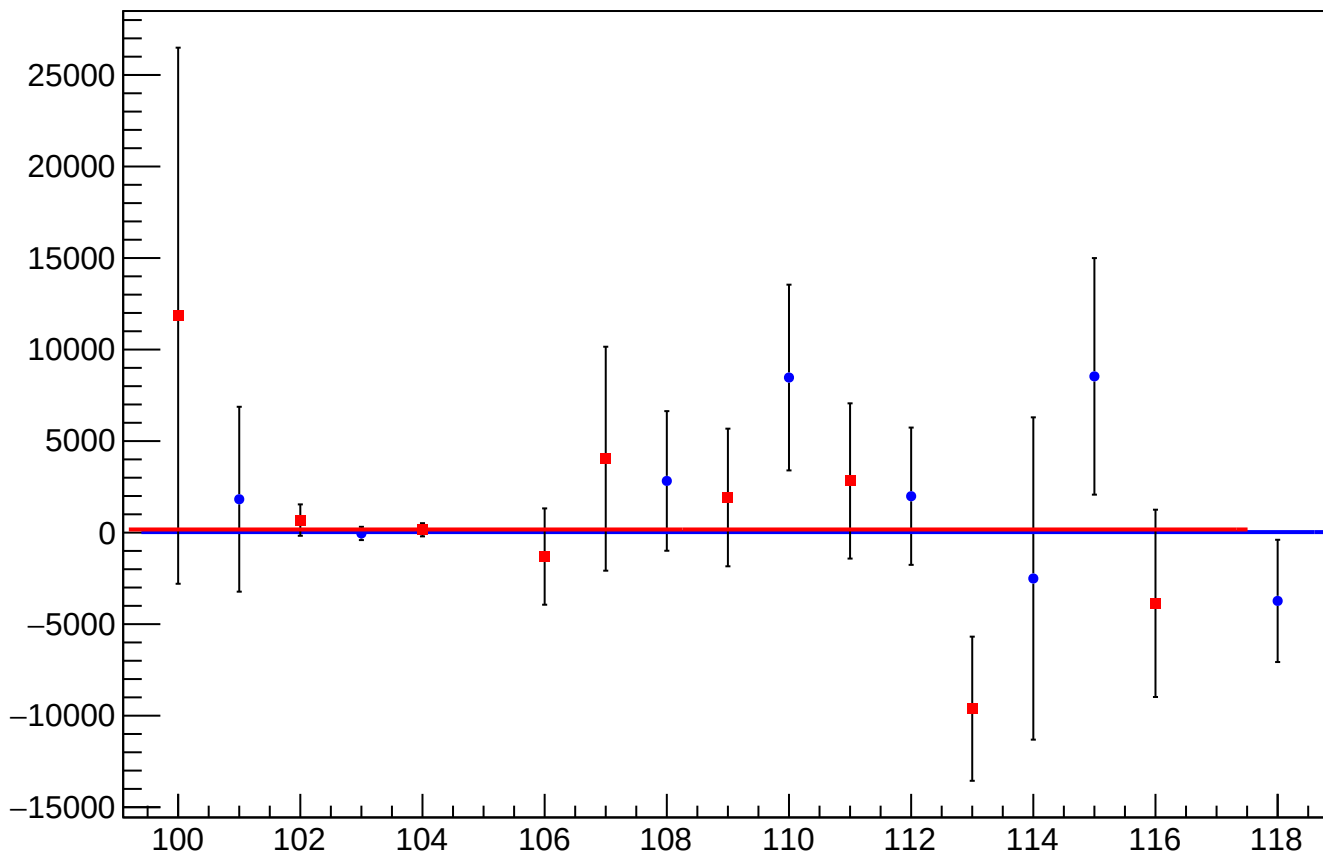
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1191.749+/-0.338 χ^2/NDF : 709160.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



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: 171.896+/-325.141 χ^2/NDF : 9.1/8

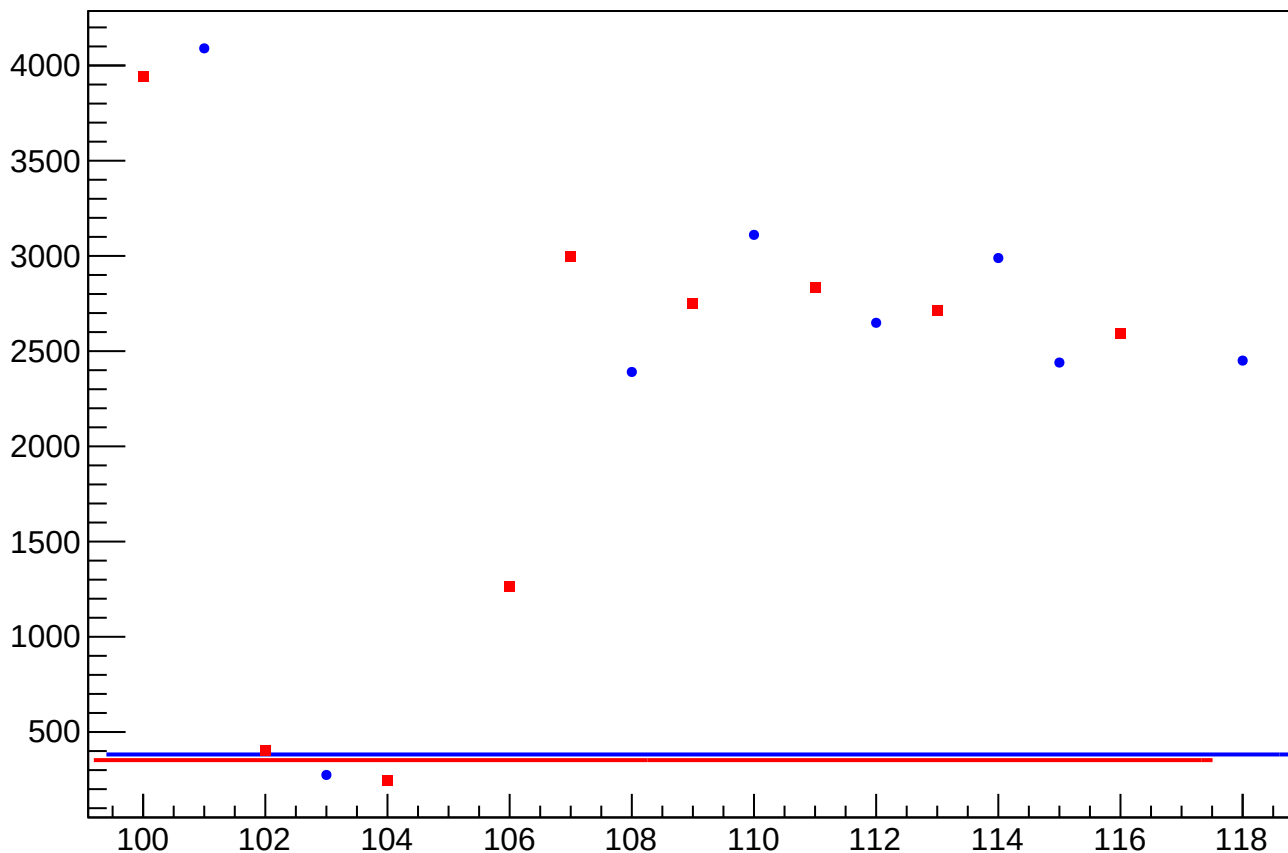
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.467+/-239.568 χ^2/NDF : 16.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 382.059 $\pm$ 0.251 χ^2 /NDF: 4264222.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 352.387 $\pm$ 0.230 χ^2 /NDF: 3524212.1/8

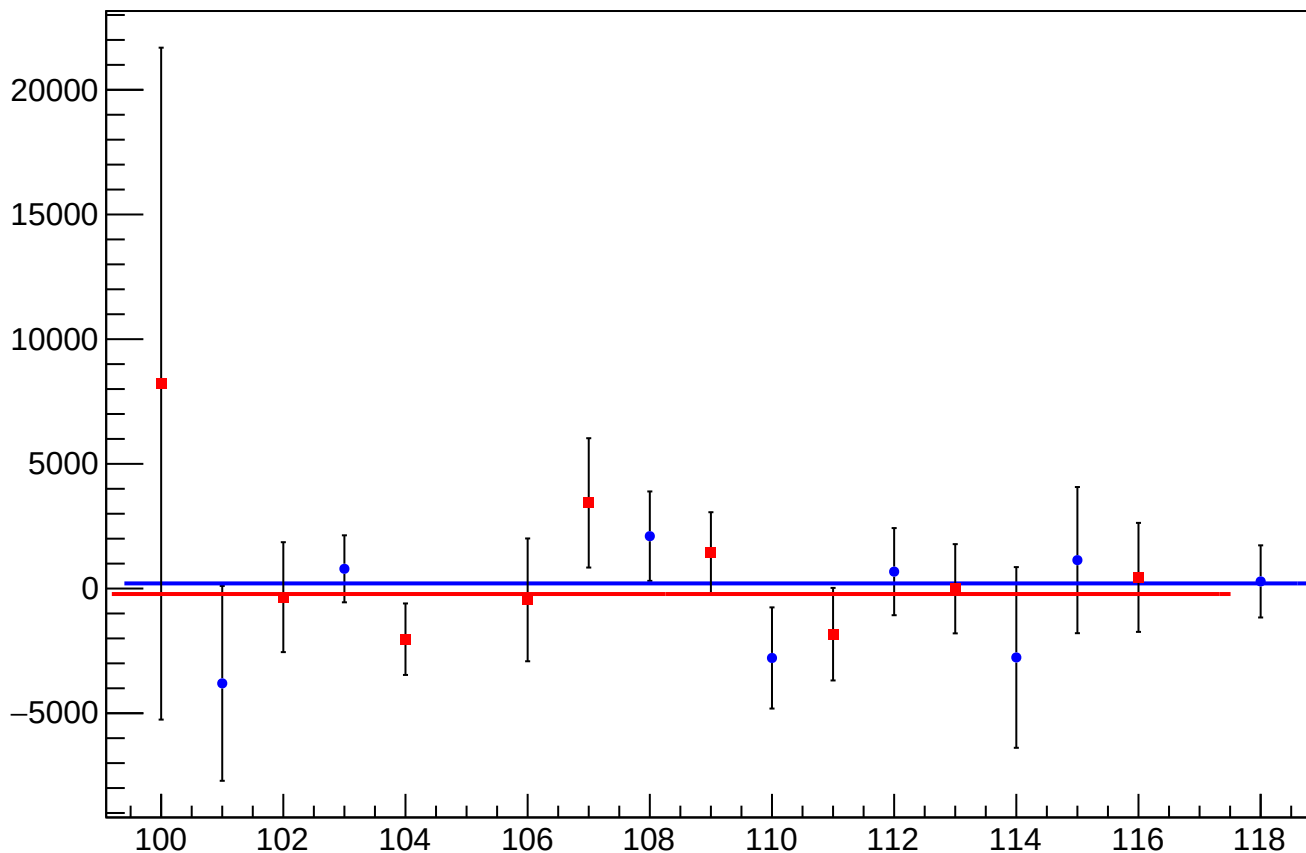
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.950 $\pm$ 0.169 χ^2 /NDF: 7796048.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



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: -219.455+/-674.339 χ^2/NDF : 5.9/8

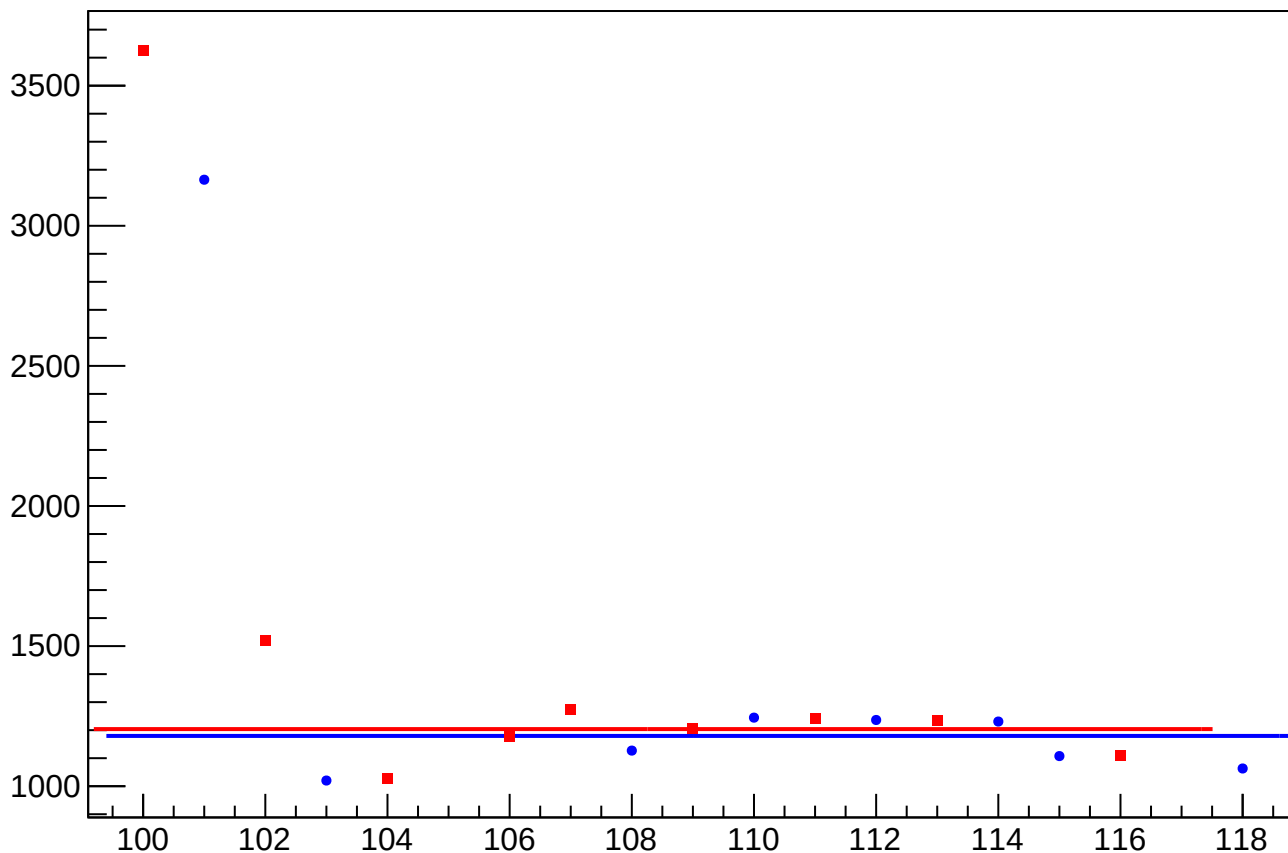
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.036+/-478.321 χ^2/NDF : 11.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



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: 1203.857+/-0.476 χ^2/NDF : 143253.1/8

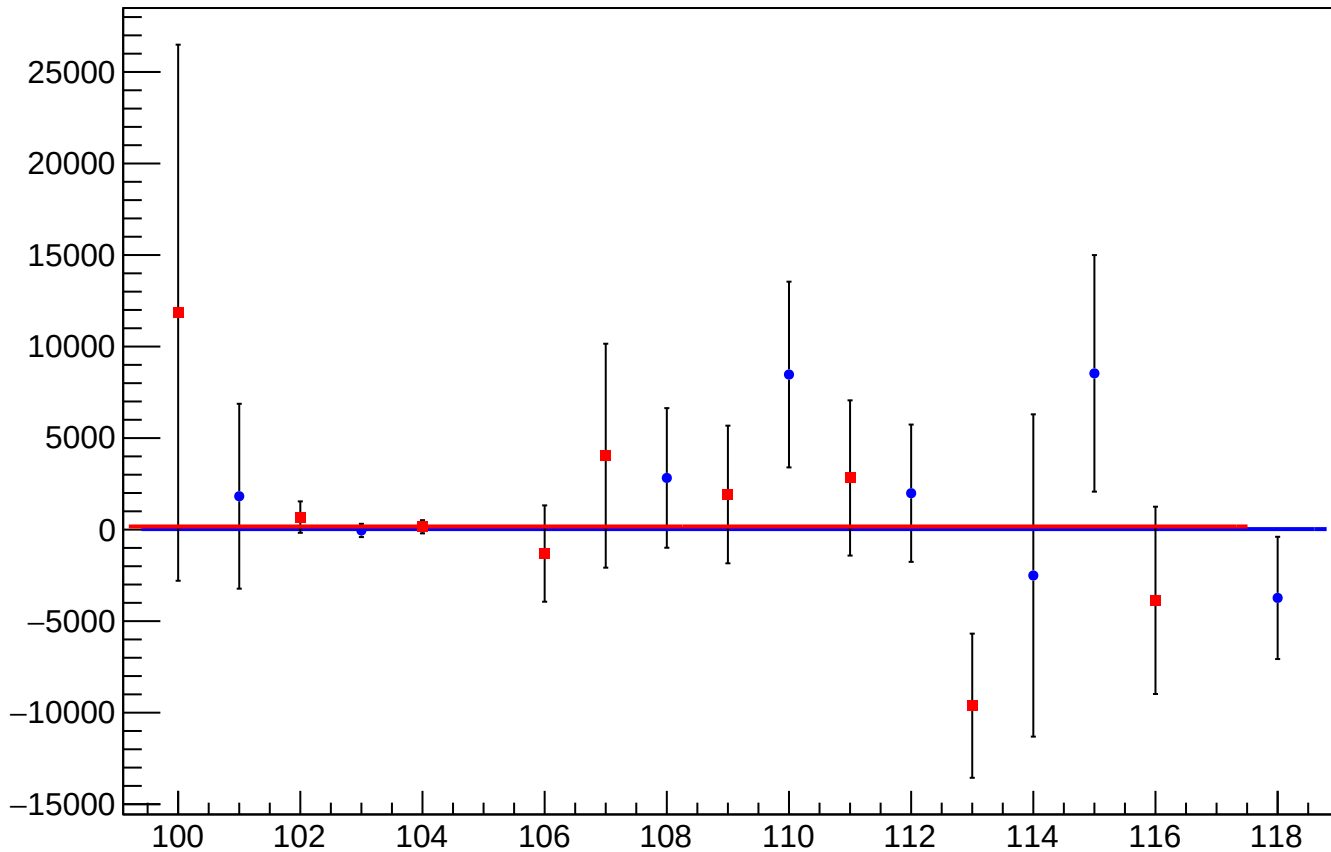
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1191.749+/-0.338 χ^2/NDF : 709160.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug



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: 171.896+/-325.141 χ^2/NDF : 9.1/8

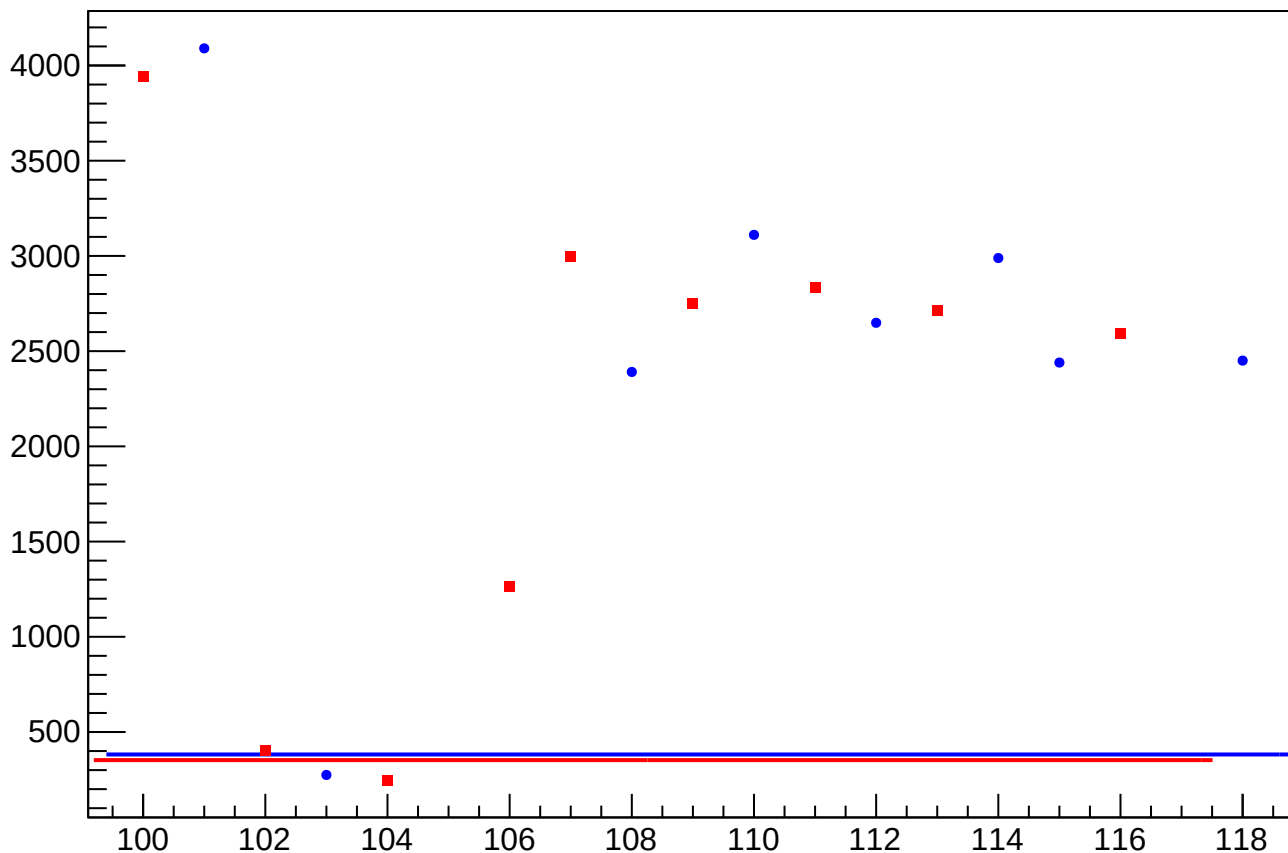
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.467+/-239.568 χ^2/NDF : 16.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 382.059 $\pm$ 0.251 χ^2 /NDF: 4264222.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 352.387 $\pm$ 0.230 χ^2 /NDF: 3524212.1/8

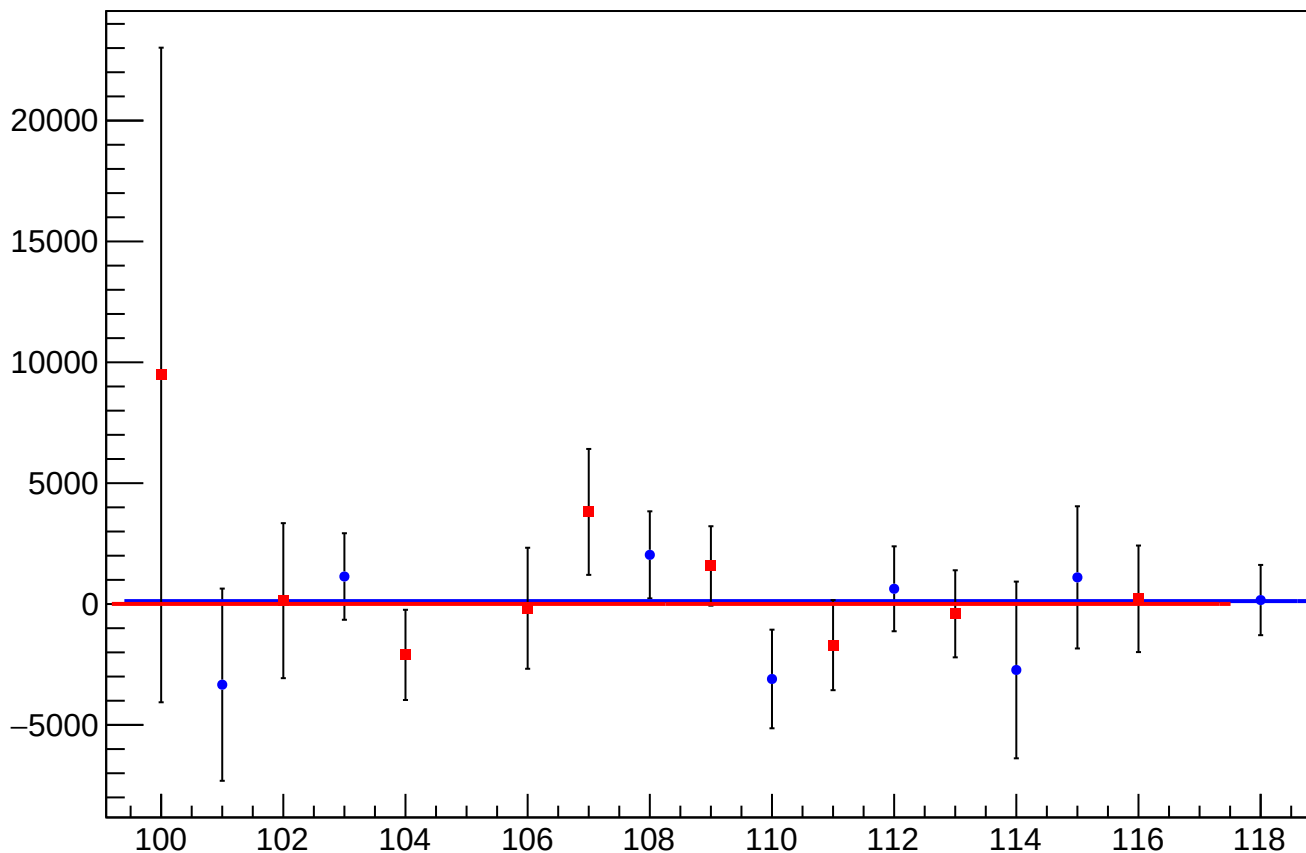
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.950 $\pm$ 0.169 χ^2 /NDF: 7796048.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



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: 5.083+/-731.332 χ^2/NDF : 5.7/8

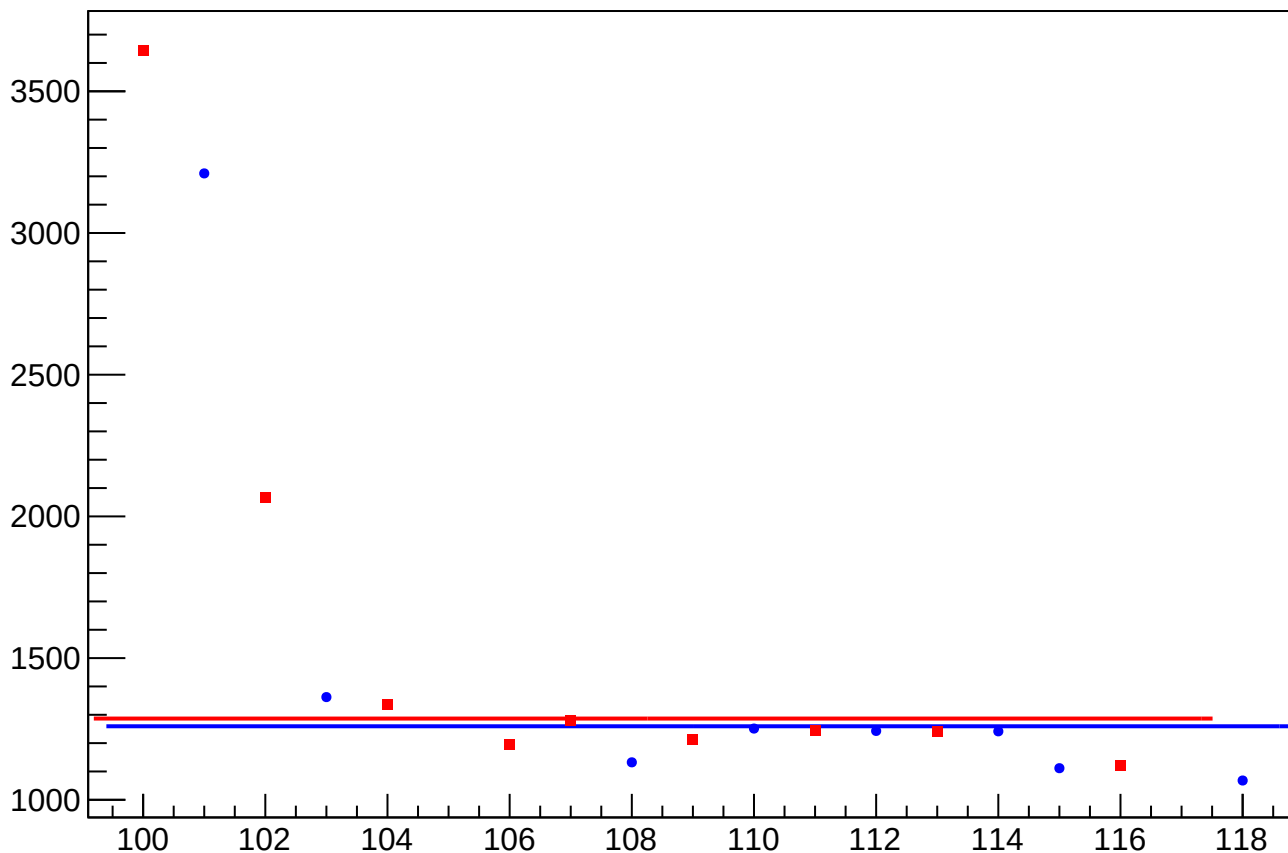
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.919+/-514.221 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



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: 1286.705+/-0.516 χ^2/NDF : 200704.8/8

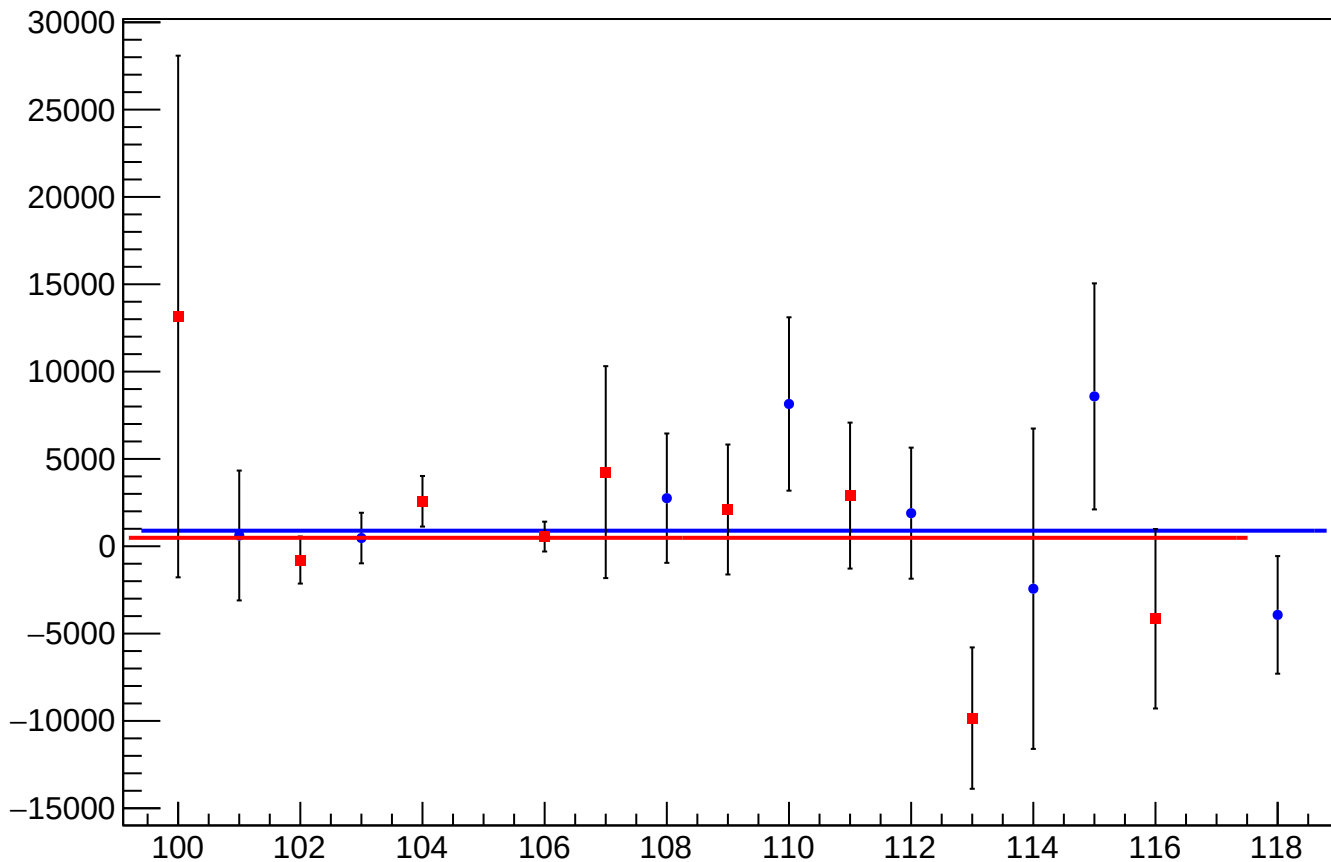
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.959+/-0.363 χ^2/NDF : 740226.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



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: 483.817+/-613.256 χ^2/NDF : 11.9/8

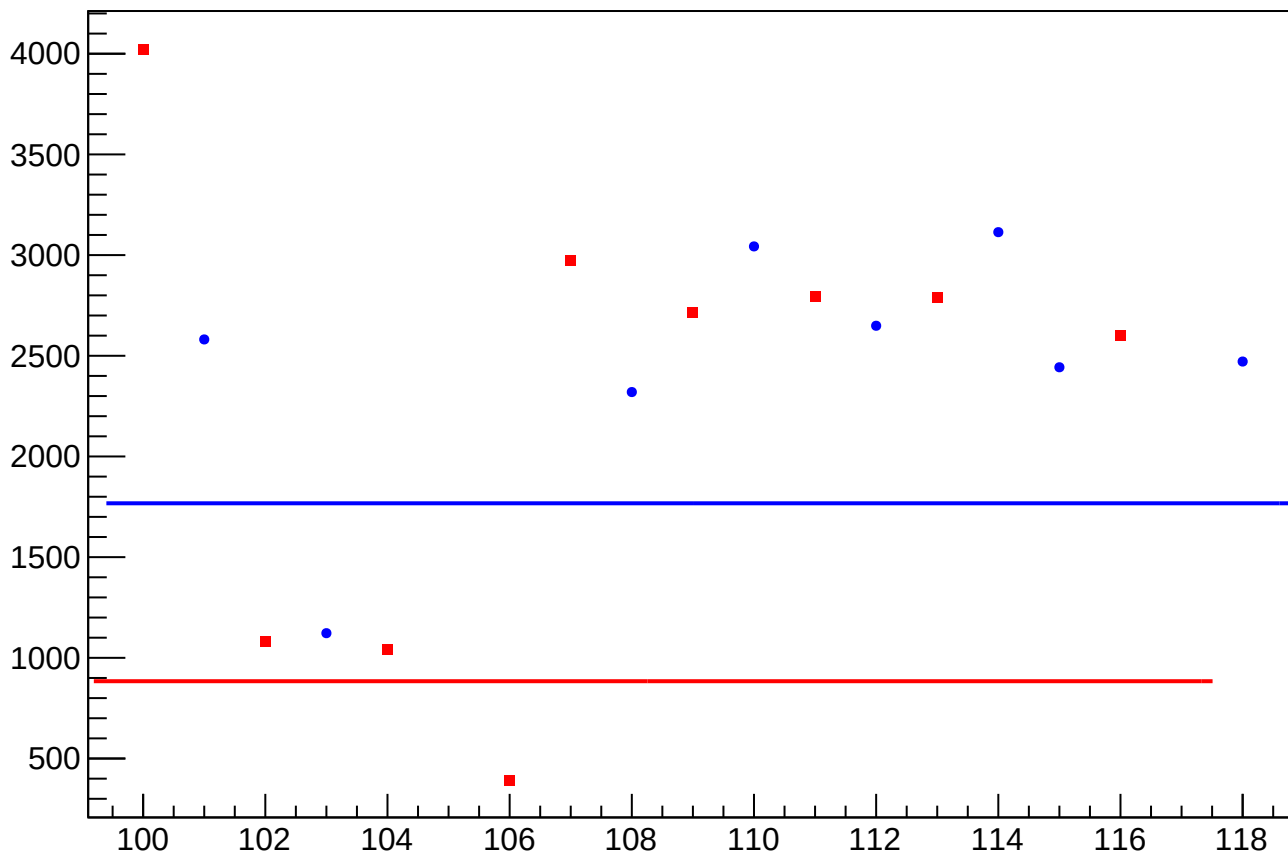
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.172+/-533.222 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 1767.457 $\pm$ 0.763 χ^2 /NDF: 932259.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

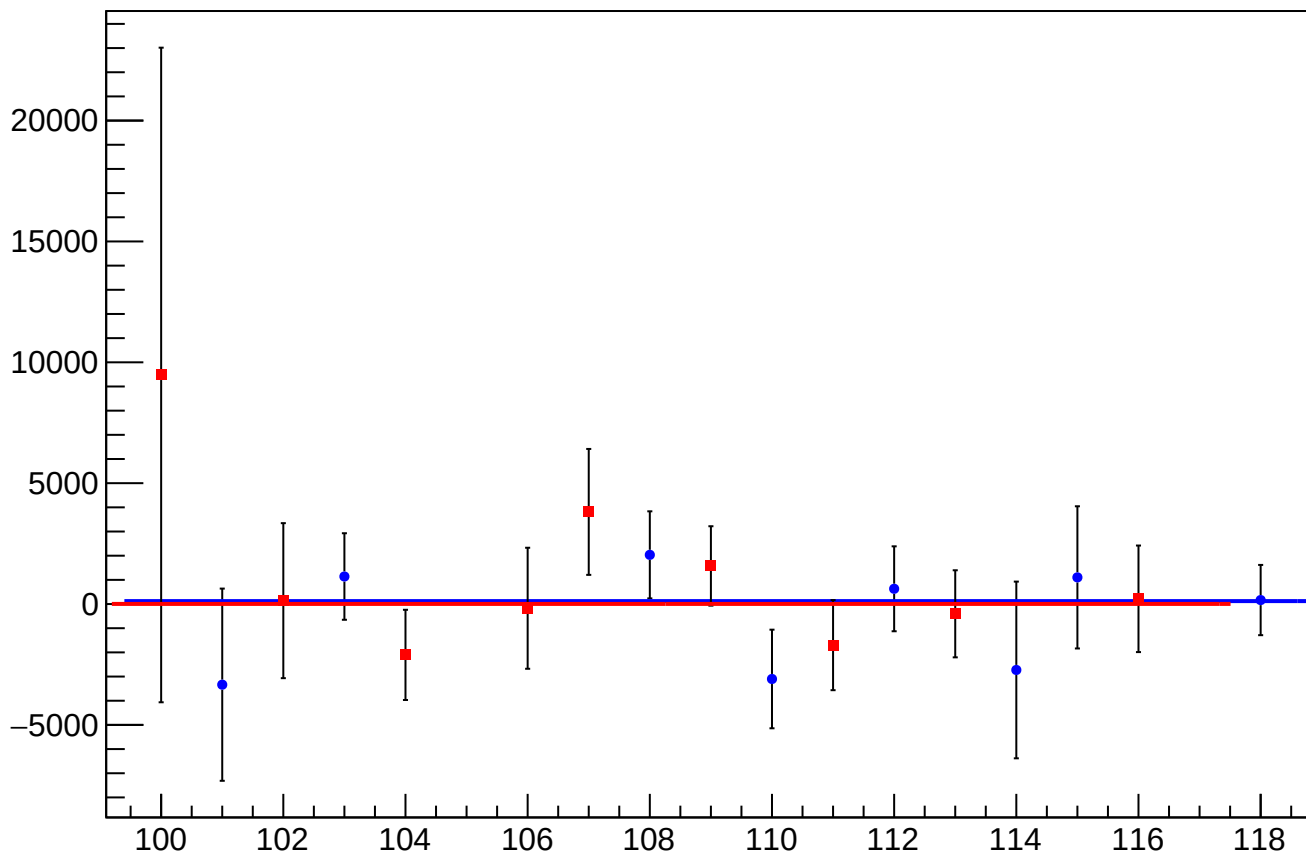
Right Out: 883.924 $\pm$ 0.434 χ^2 /NDF: 2629780.4/8

All: 1099.490 $\pm$ 0.377 χ^2 /NDF: 4574898.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug



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: 5.088+/-731.332 χ^2/NDF : 5.7/8

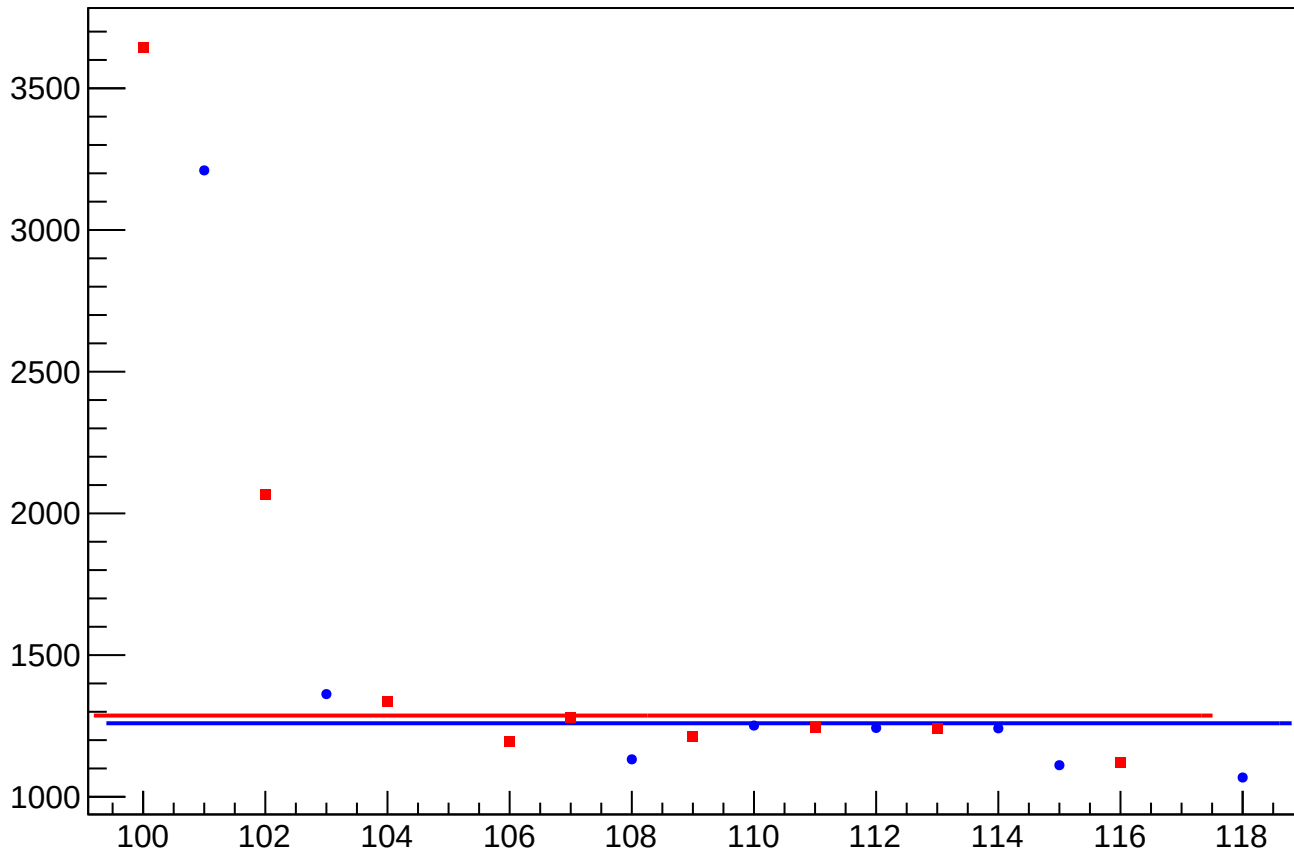
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.921+/-514.221 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



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: 1286.705+/-0.516 χ^2/NDF : 200704.7/8

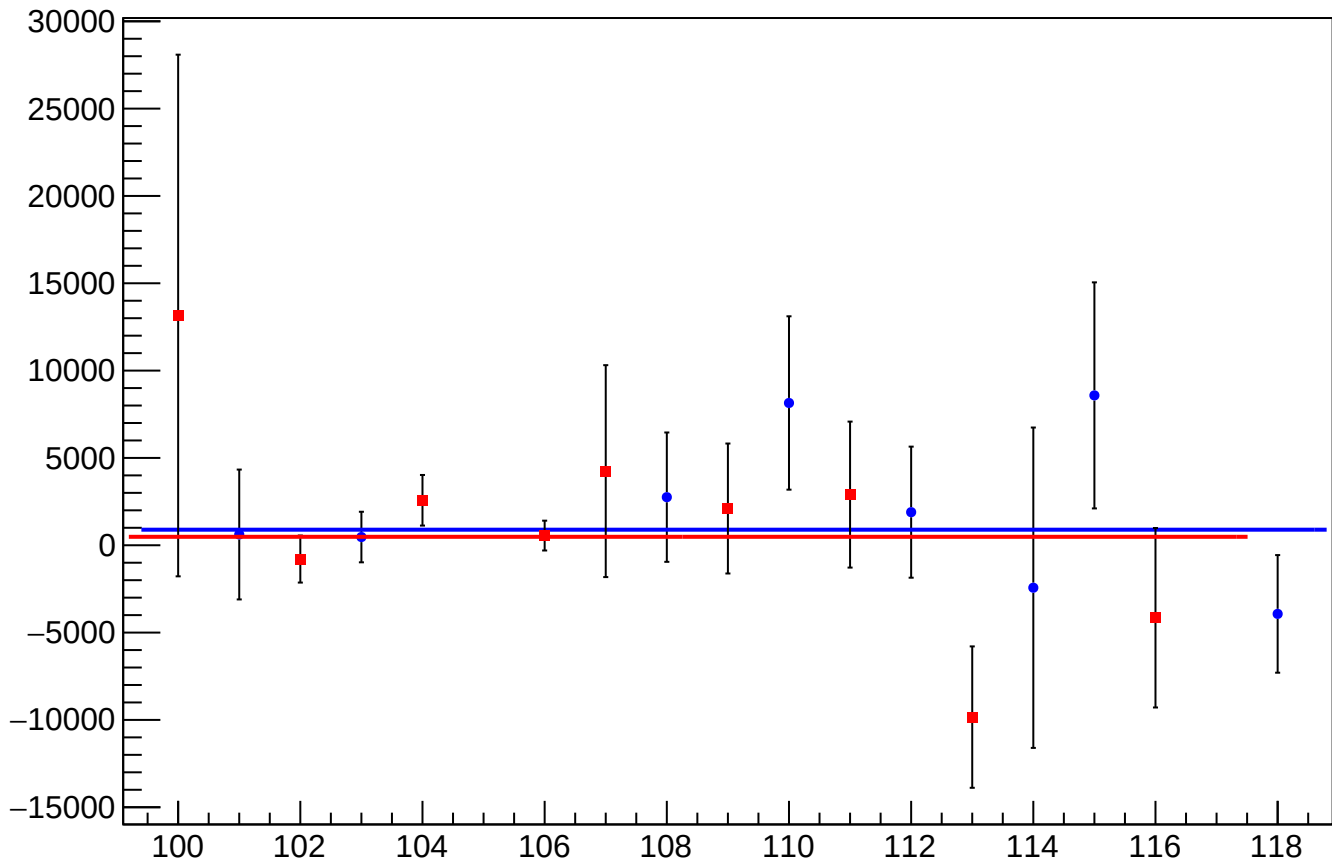
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1272.958+/-0.363 χ^2/NDF : 740226.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug



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: 483.816+/-613.248 χ^2/NDF : 11.9/8

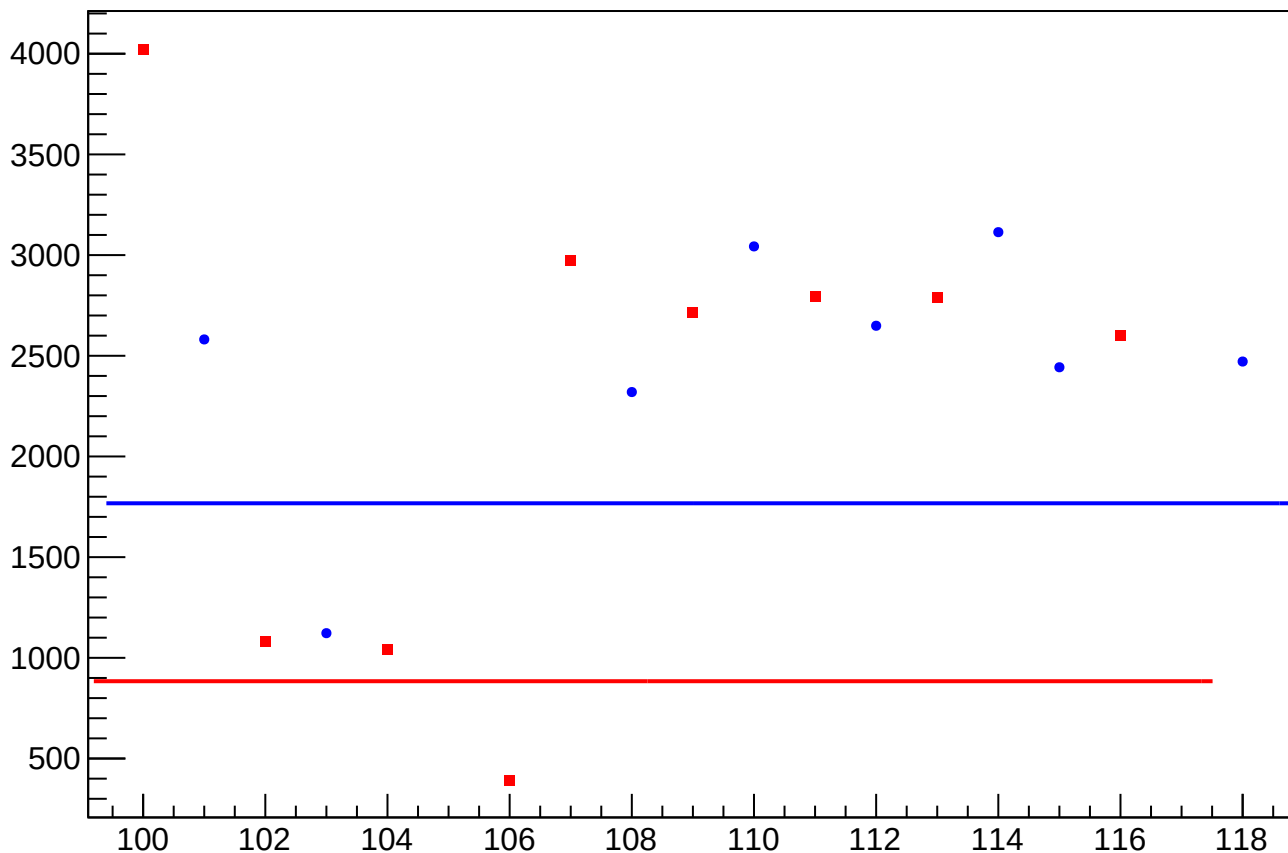
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 583.170+/-533.216 χ^2/NDF : 18.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug



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: 883.905+/-0.434 χ^2/NDF : 2629845.0/8

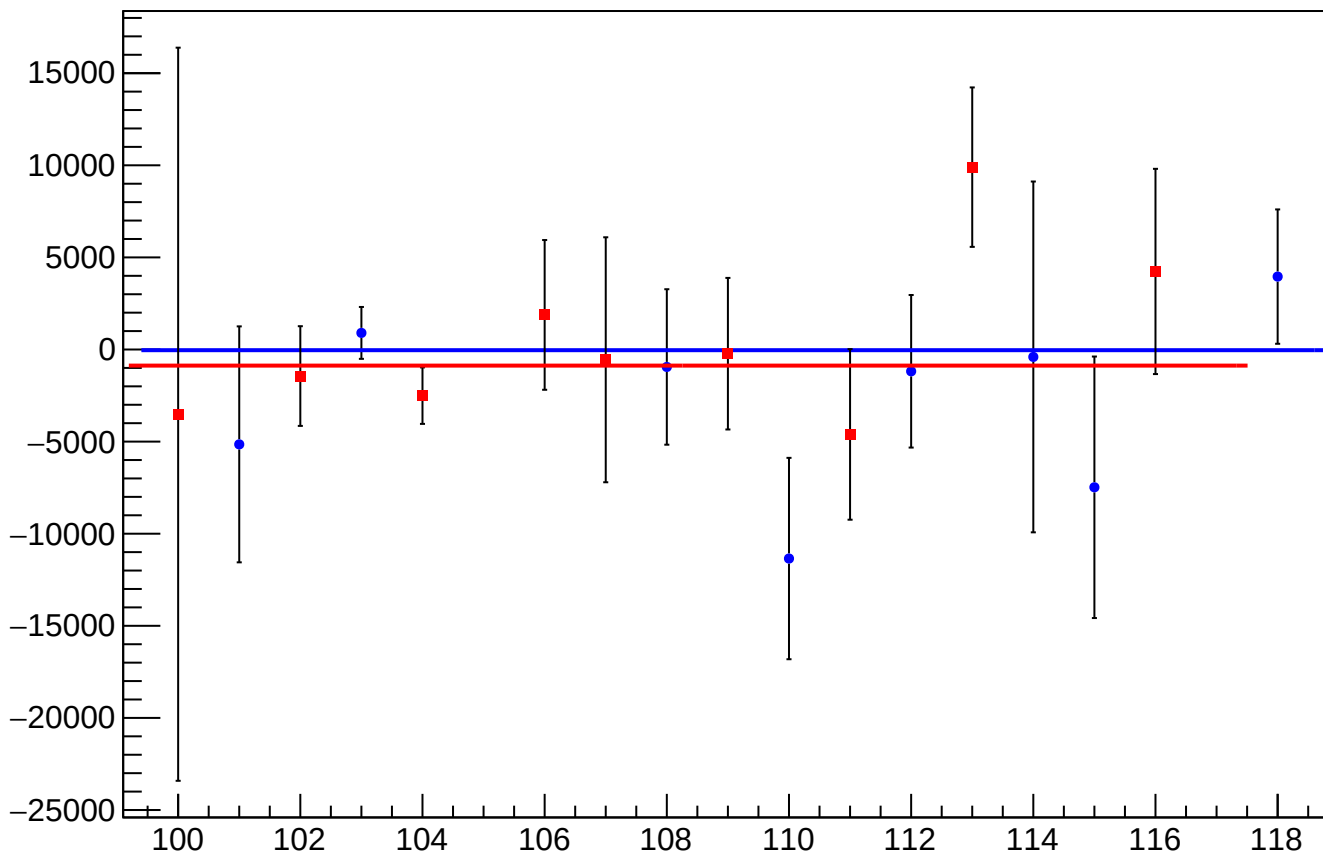
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.471+/-0.377 χ^2/NDF : 4575009.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



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: -874.022+/-1091.896 χ^2/NDF : 9.4/8

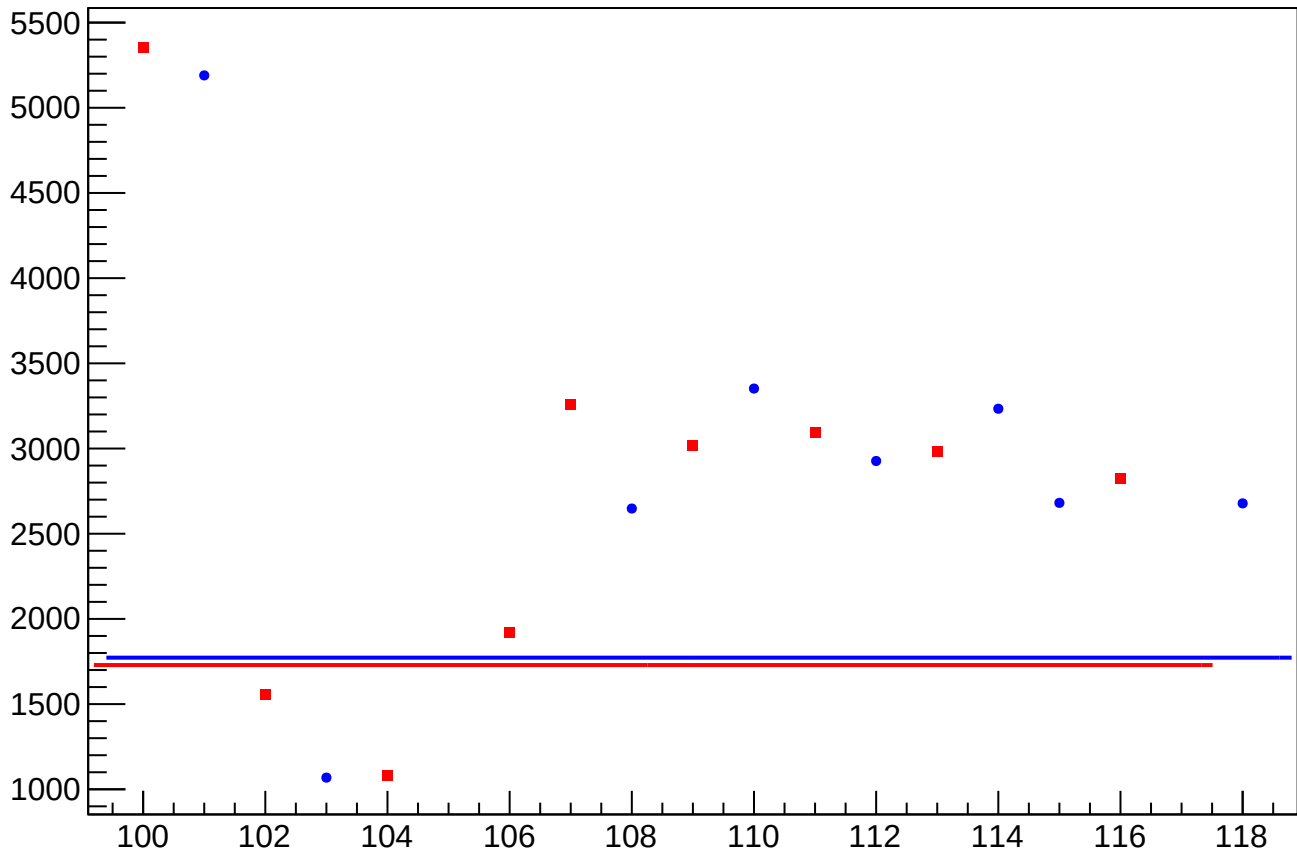
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -470.070+/-785.402 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1772.577+/-0.799 χ^2/NDF : 1680760.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

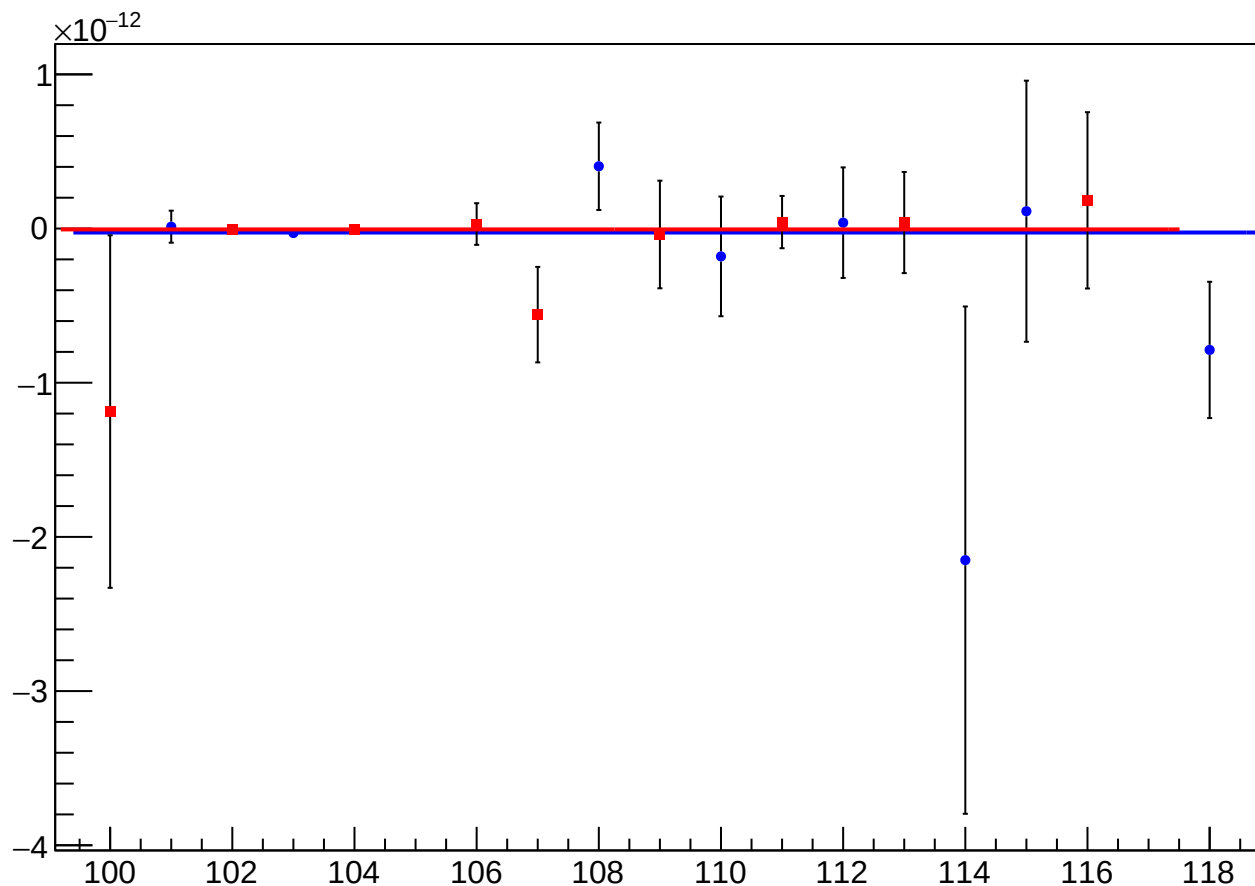
Right Out: 1729.221+/-0.769 χ^2/NDF : 1157168.9/8

All: 1750.068+/-0.554 χ^2/NDF : 2839456.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug



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: 4.5/8

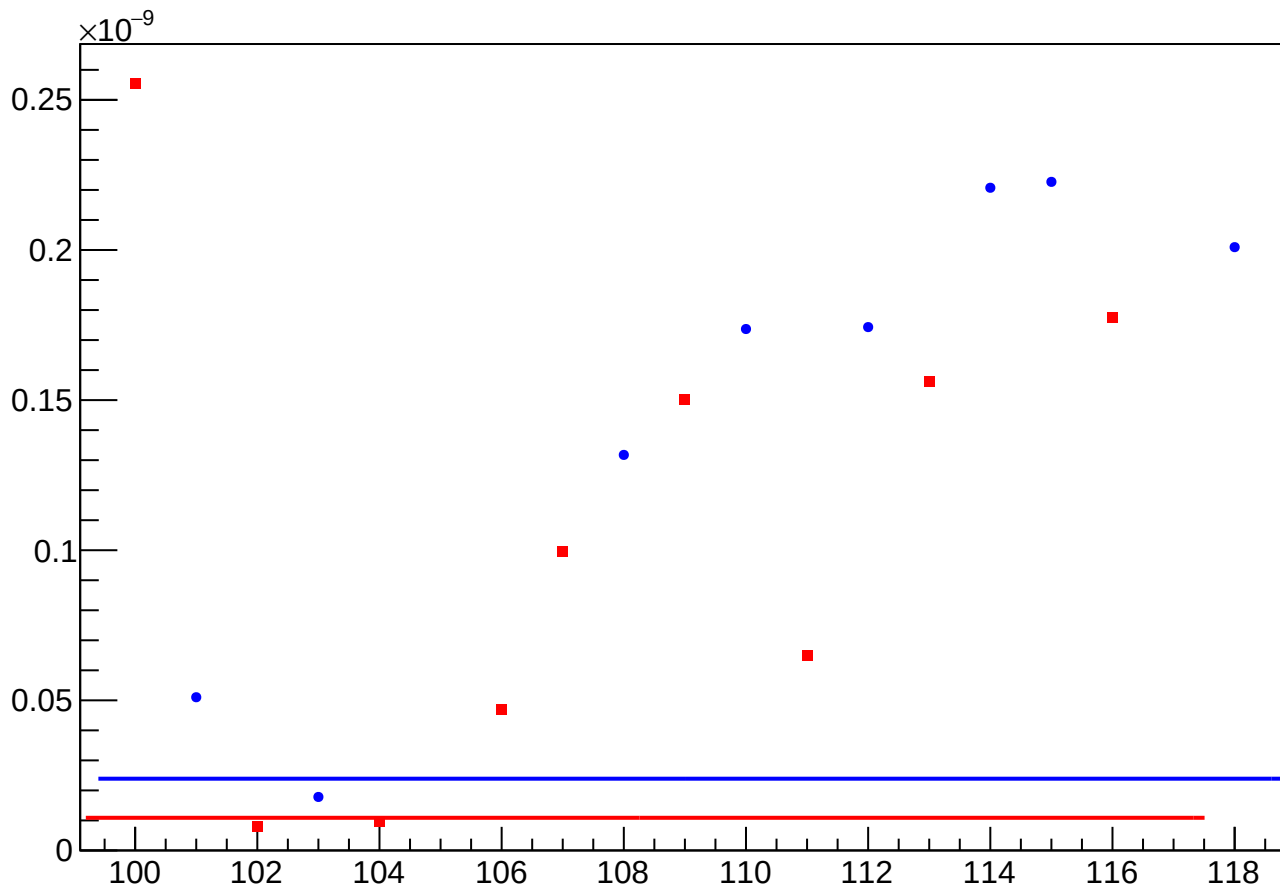
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 12.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug



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 : 1515360.5/8

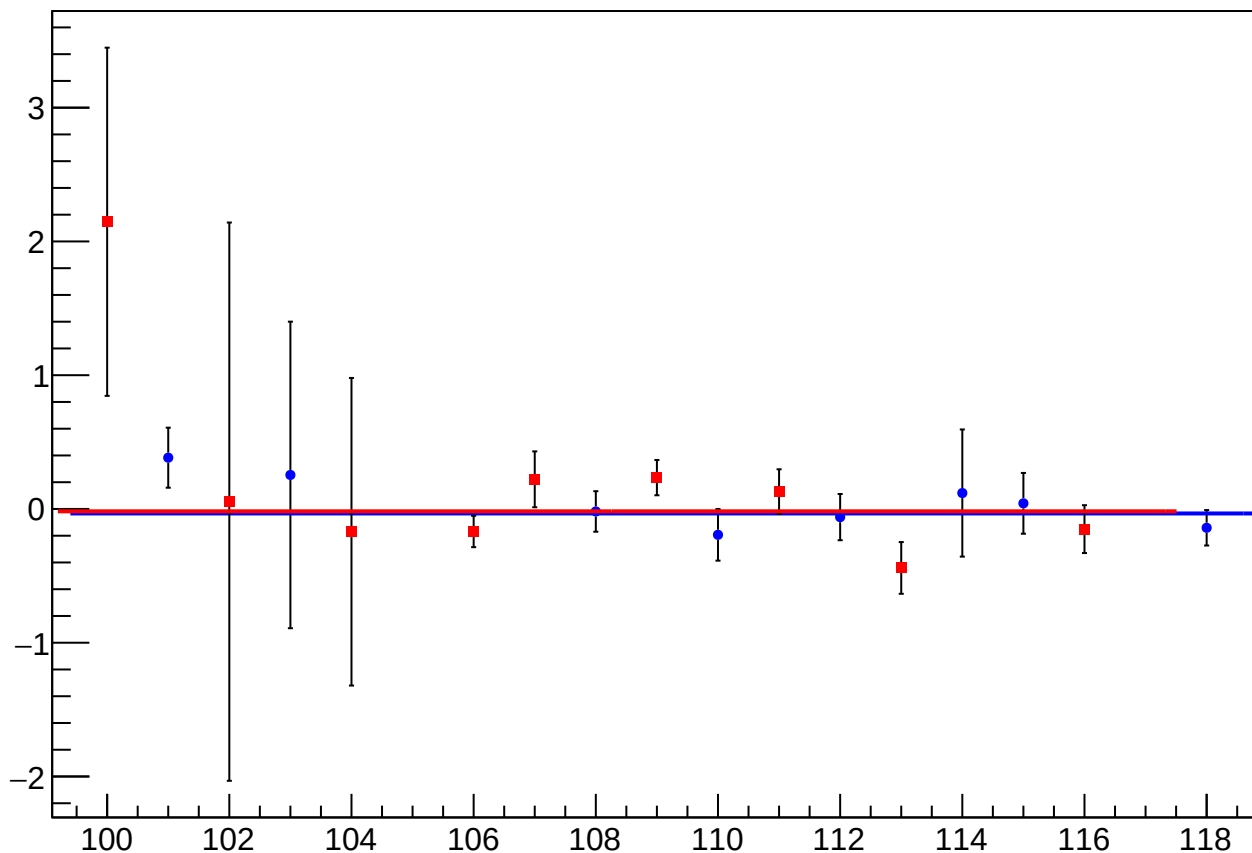
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3484076.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug



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: -0.018 $\pm$ 0.063 χ^2 /NDF: 15.5/8

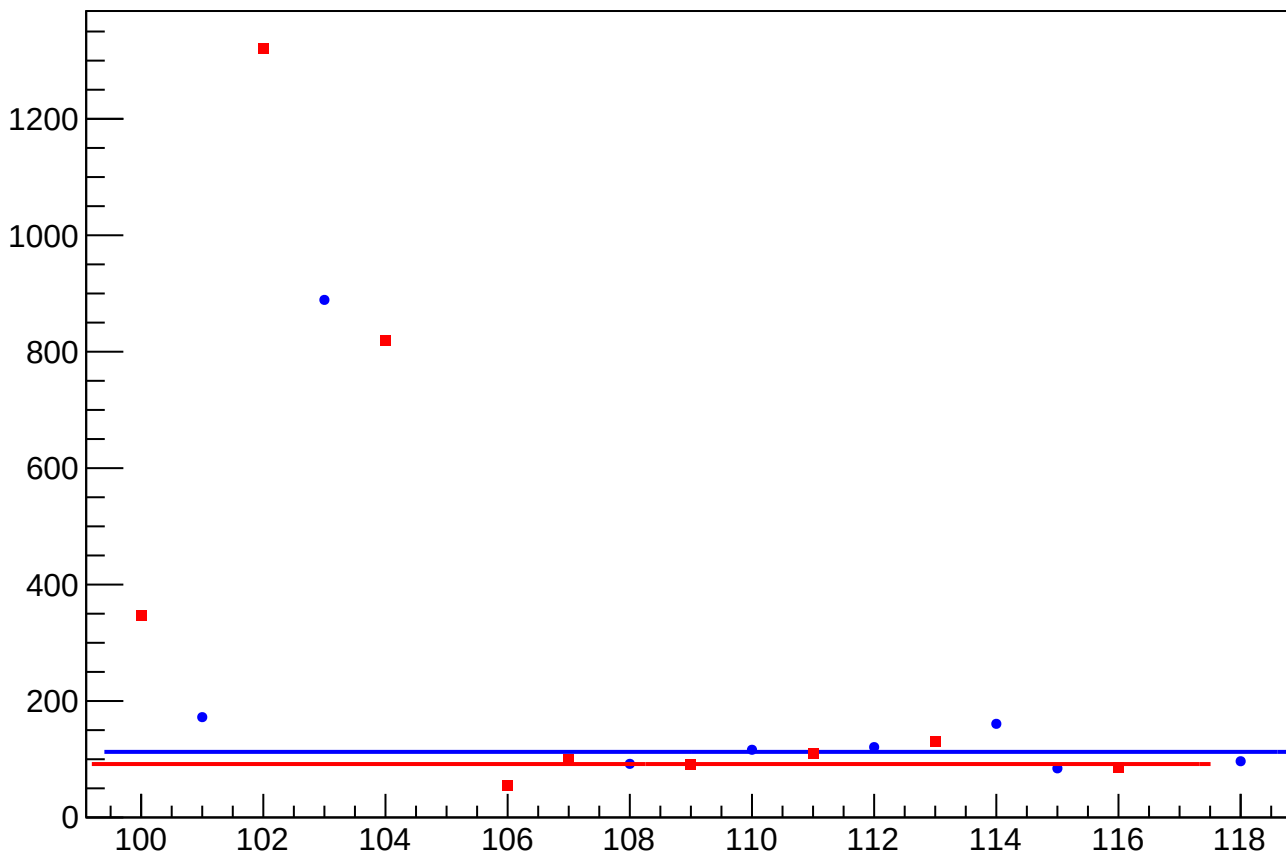
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.047 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 112.646 $\pm$ 0.049 χ^2 /NDF: 1182524.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.749 $\pm$ 0.045 χ^2 /NDF: 1876543.2/8

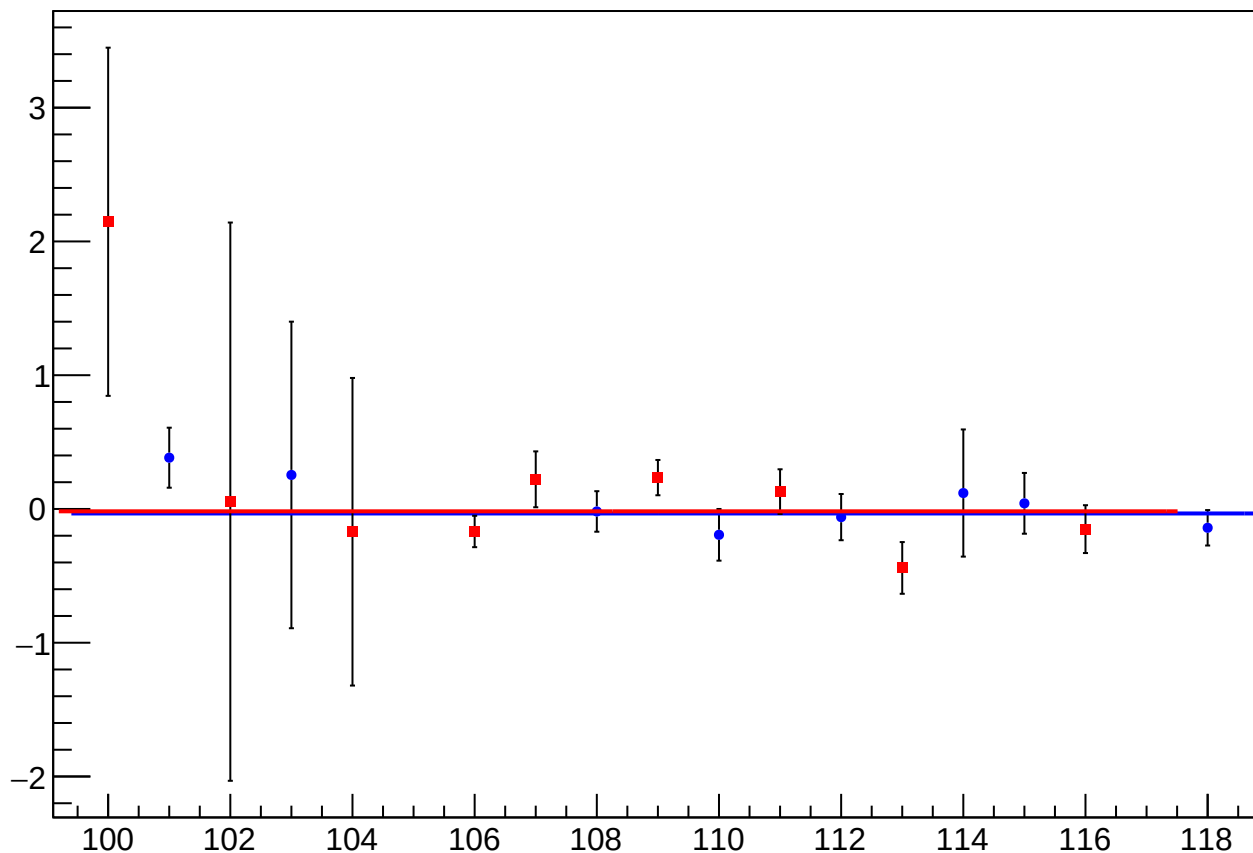
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.199 $\pm$ 0.033 χ^2 /NDF: 3157268.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.018 $\pm$ 0.063 χ^2 /NDF: 15.5/8

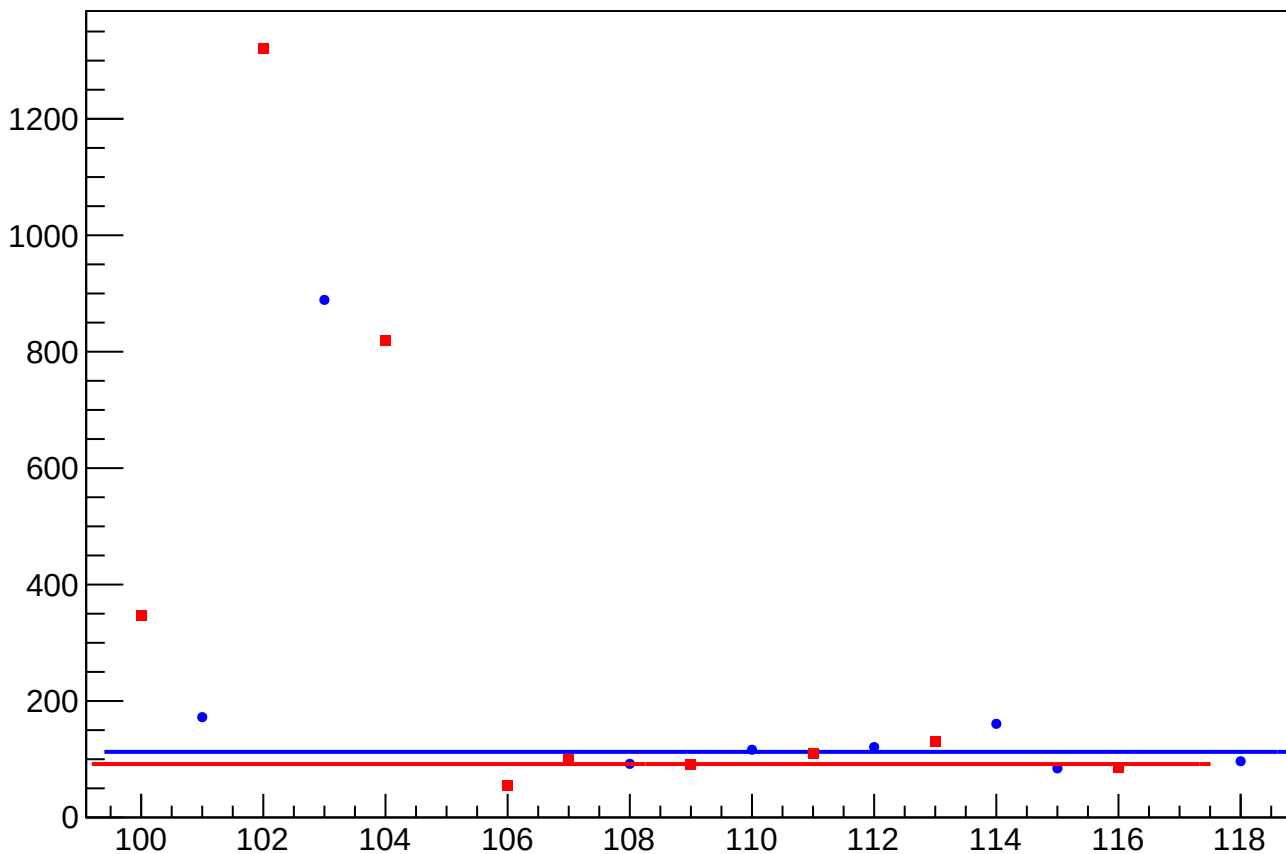
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.047 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 91.749+/-0.045 χ^2/NDF : 1876543.2/8

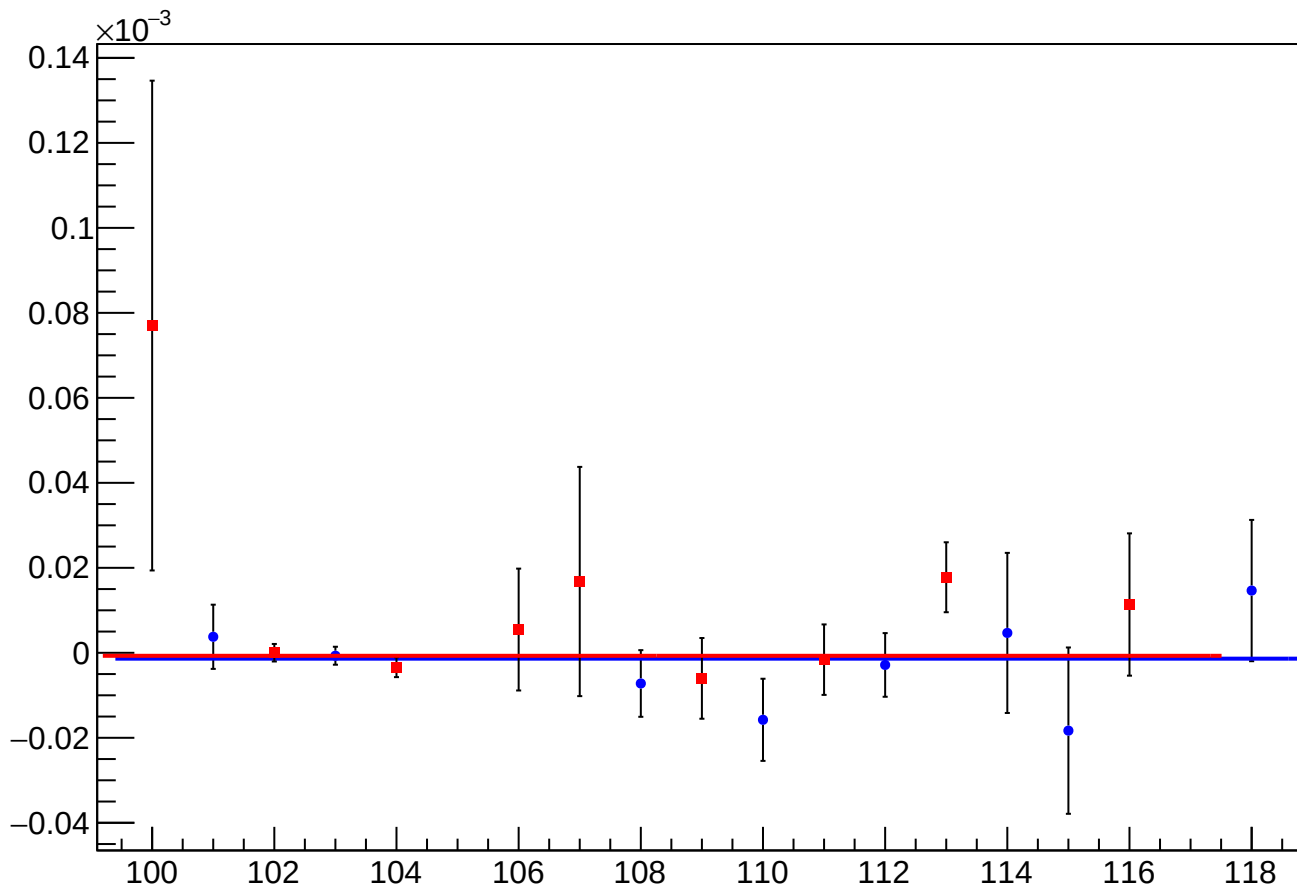
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.199+/-0.033 χ^2/NDF : 3157268.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.8/8

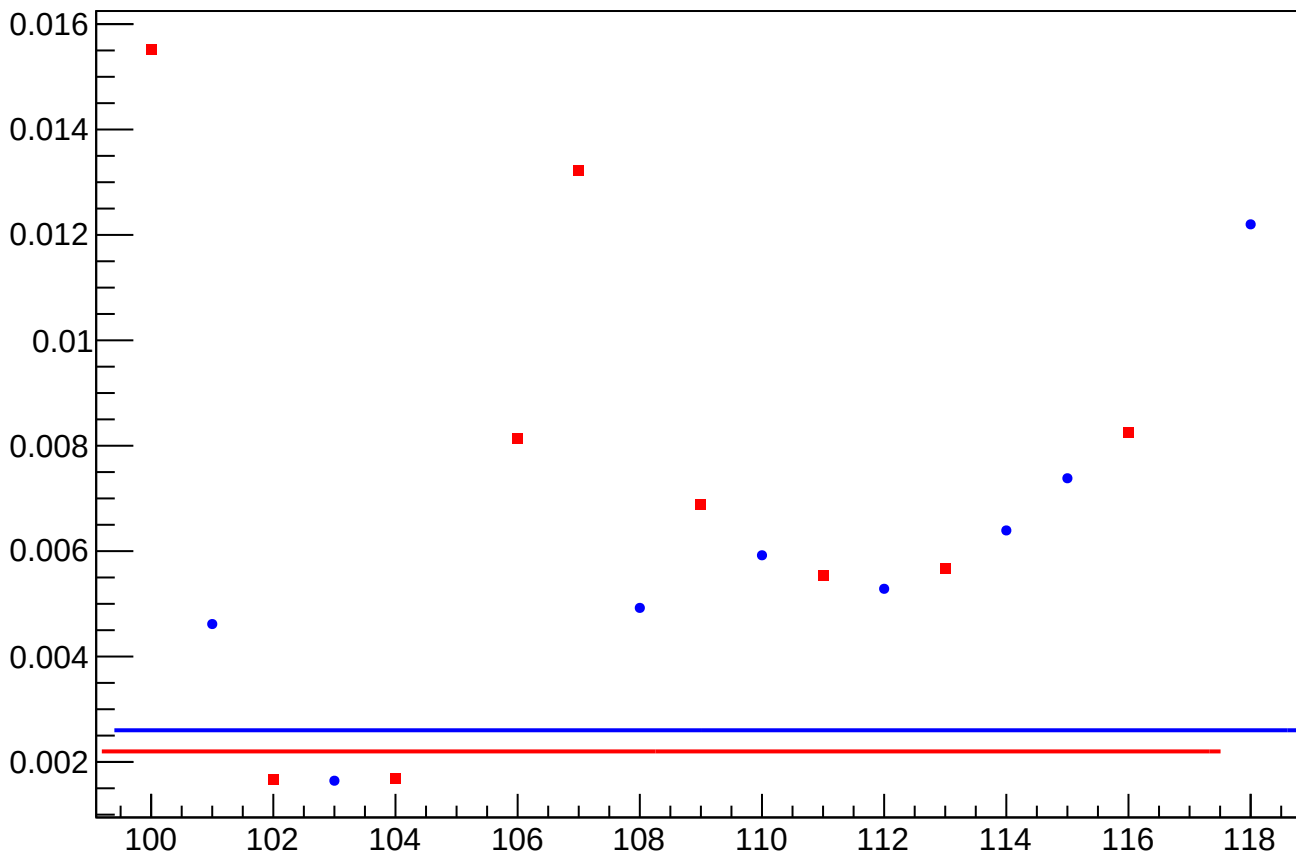
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2444249.3/8

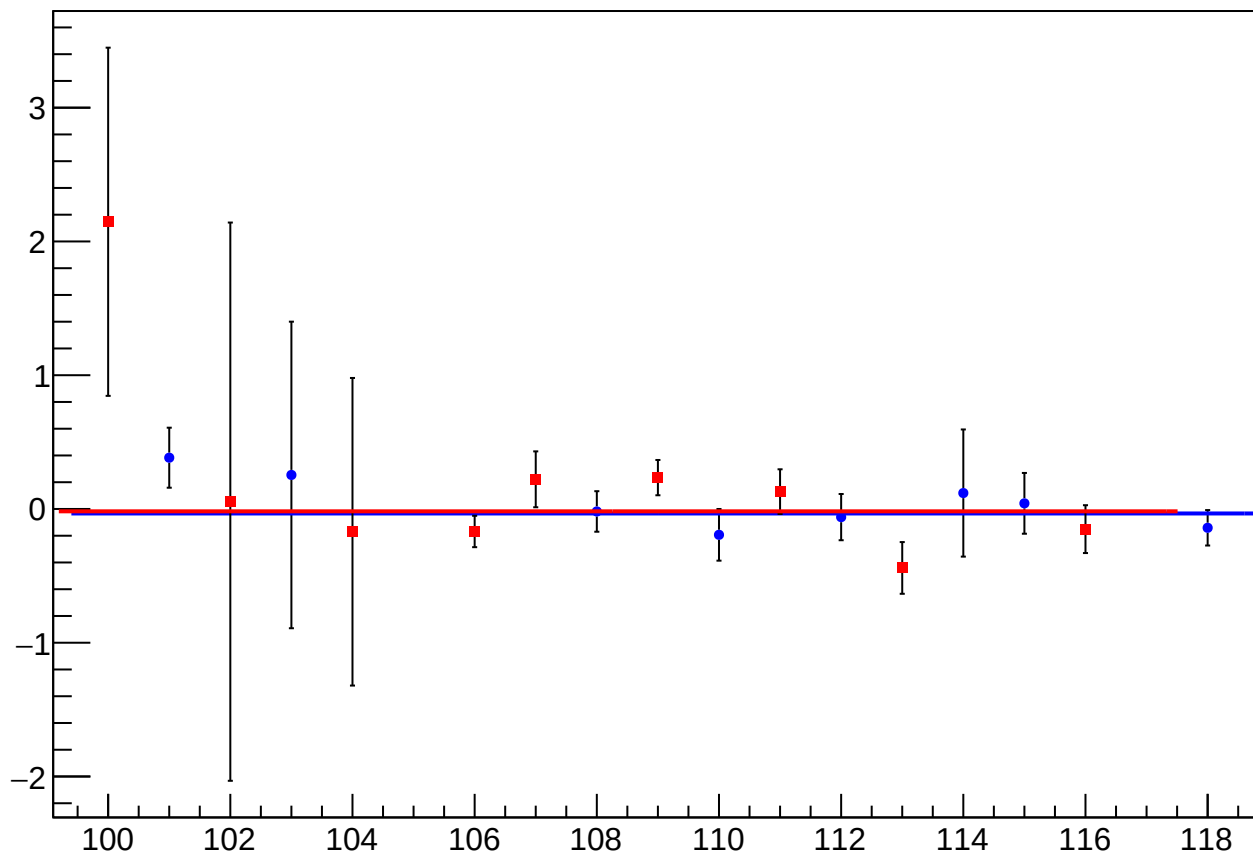
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4590920.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.018 $\pm$ 0.063 χ^2 /NDF: 15.5/8

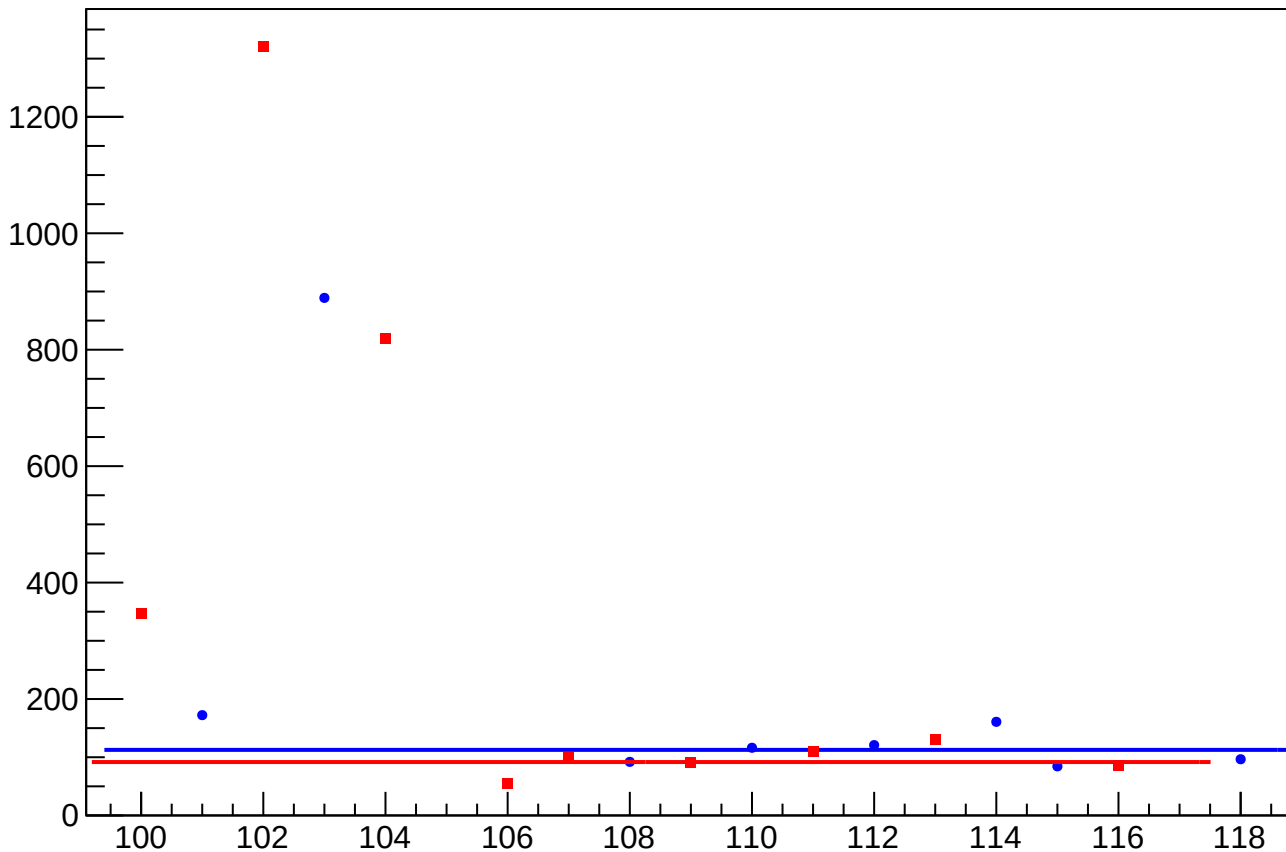
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.047 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 91.748+/-0.045 χ^2/NDF : 1876606.2/8

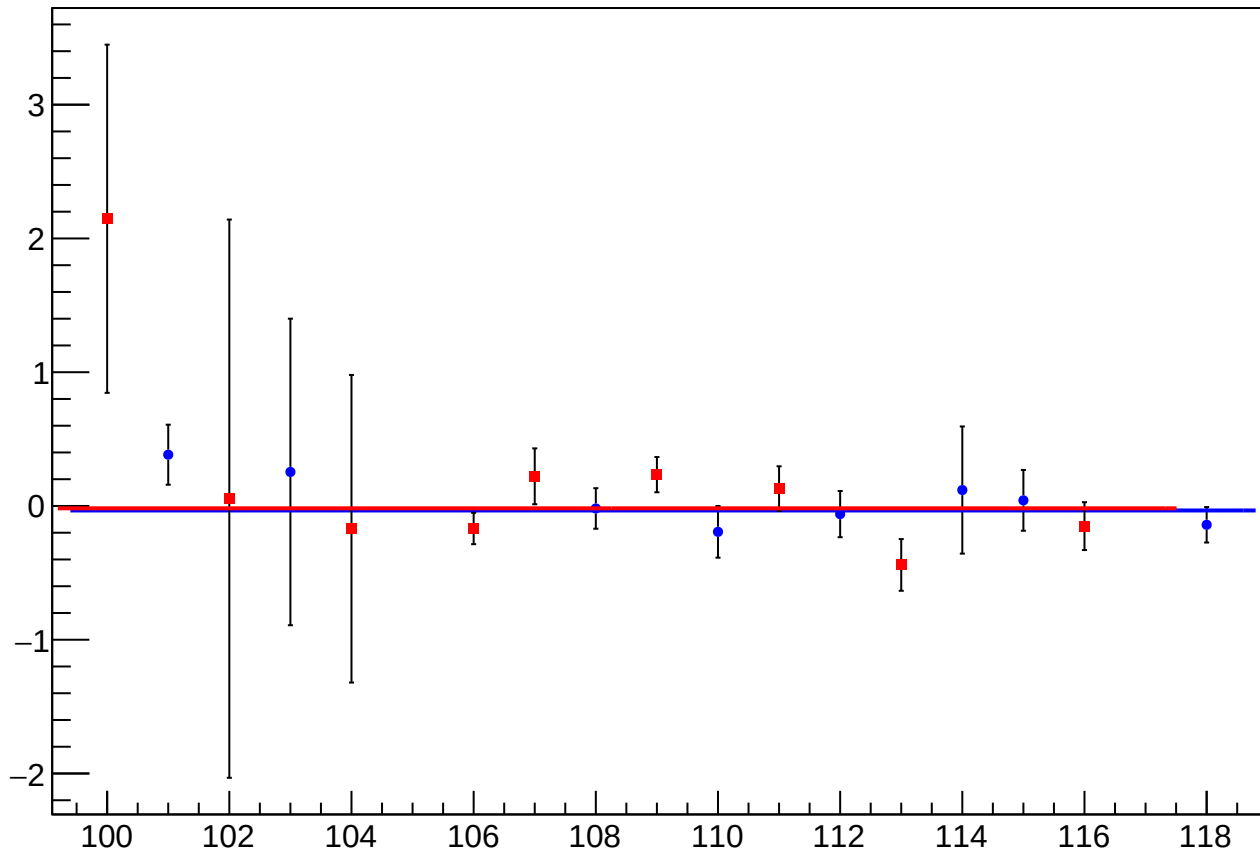
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.199+/-0.033 χ^2/NDF : 3157342.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.018 ± 0.063 χ^2/NDF : 15.5/8

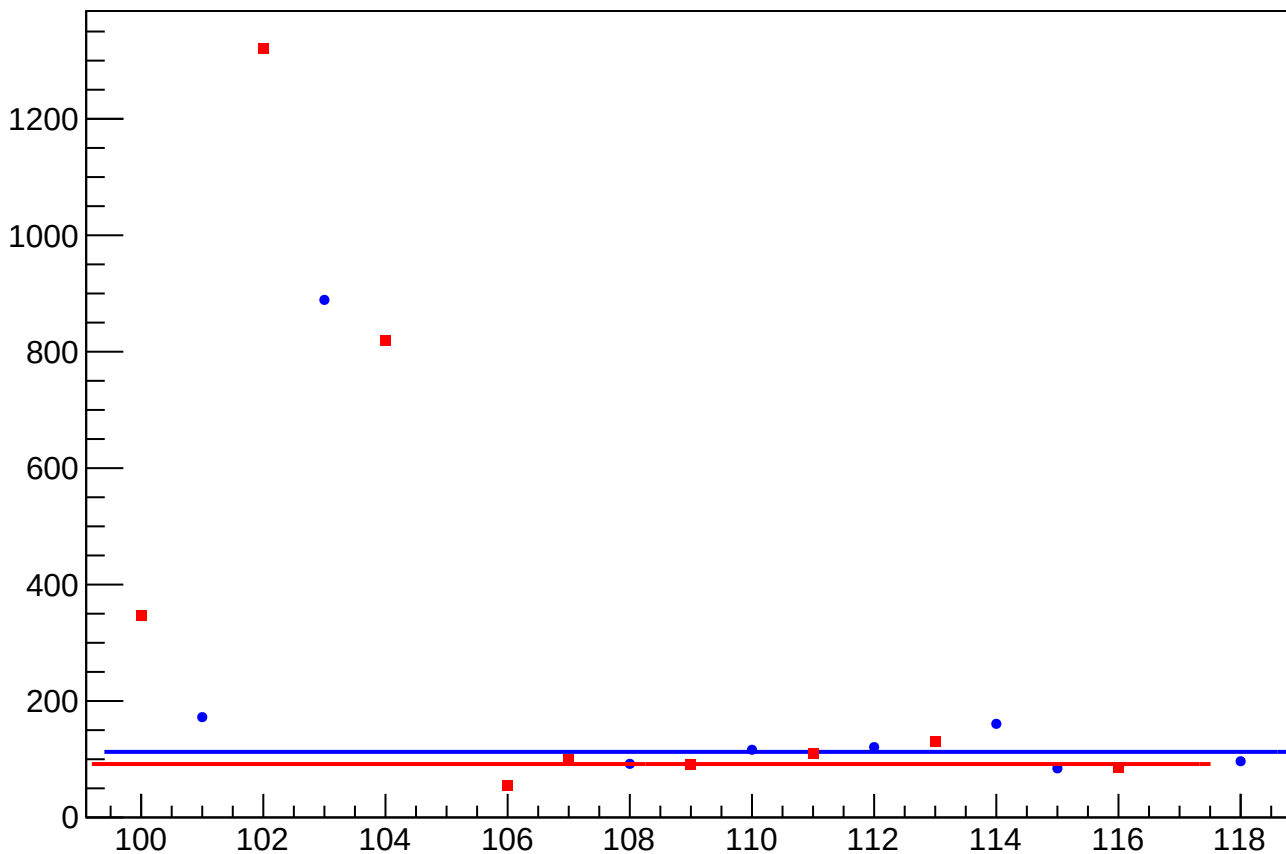
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.047 χ^2/NDF : 20.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 91.748+/-0.045 χ^2/NDF : 1876606.2/8

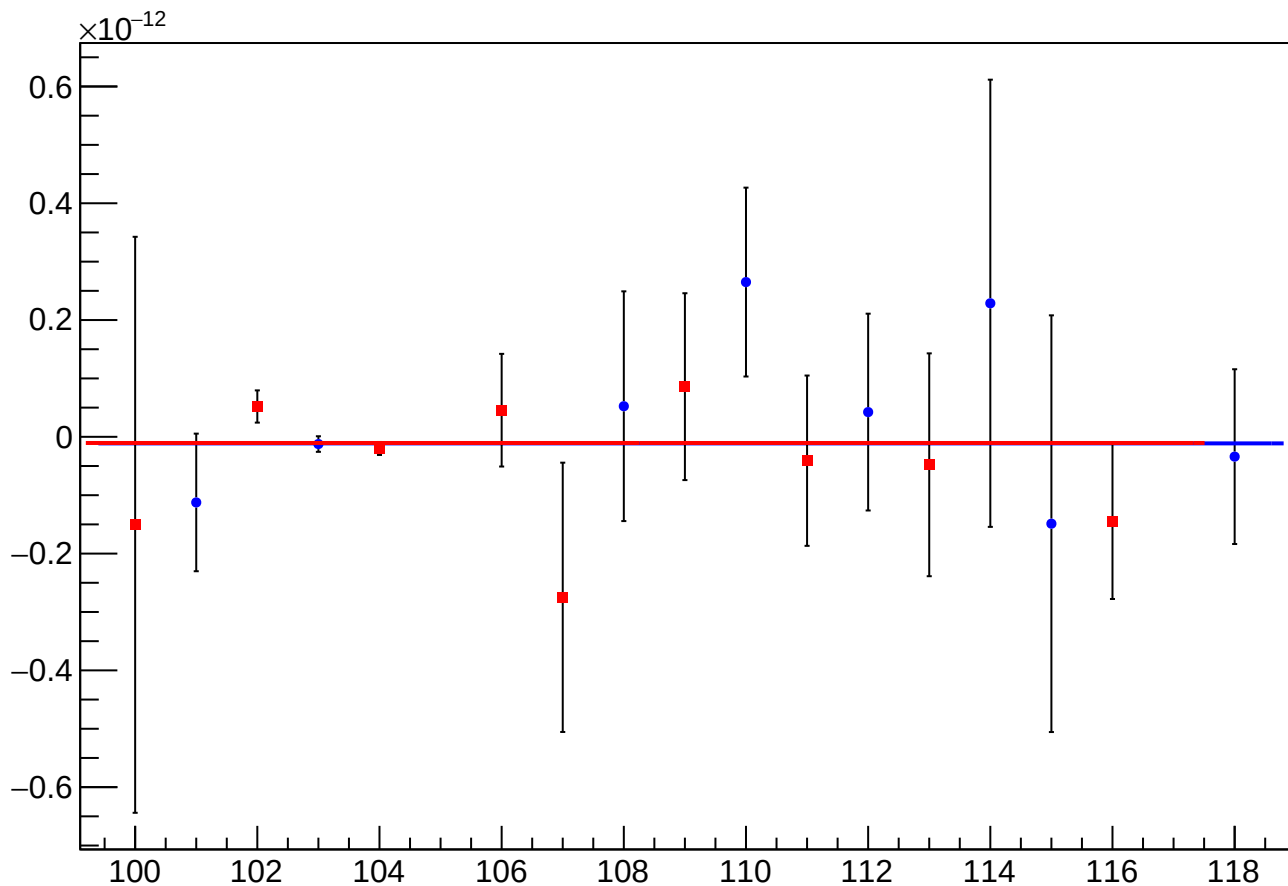
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.199+/-0.033 χ^2/NDF : 3157342.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



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: 9.0/8

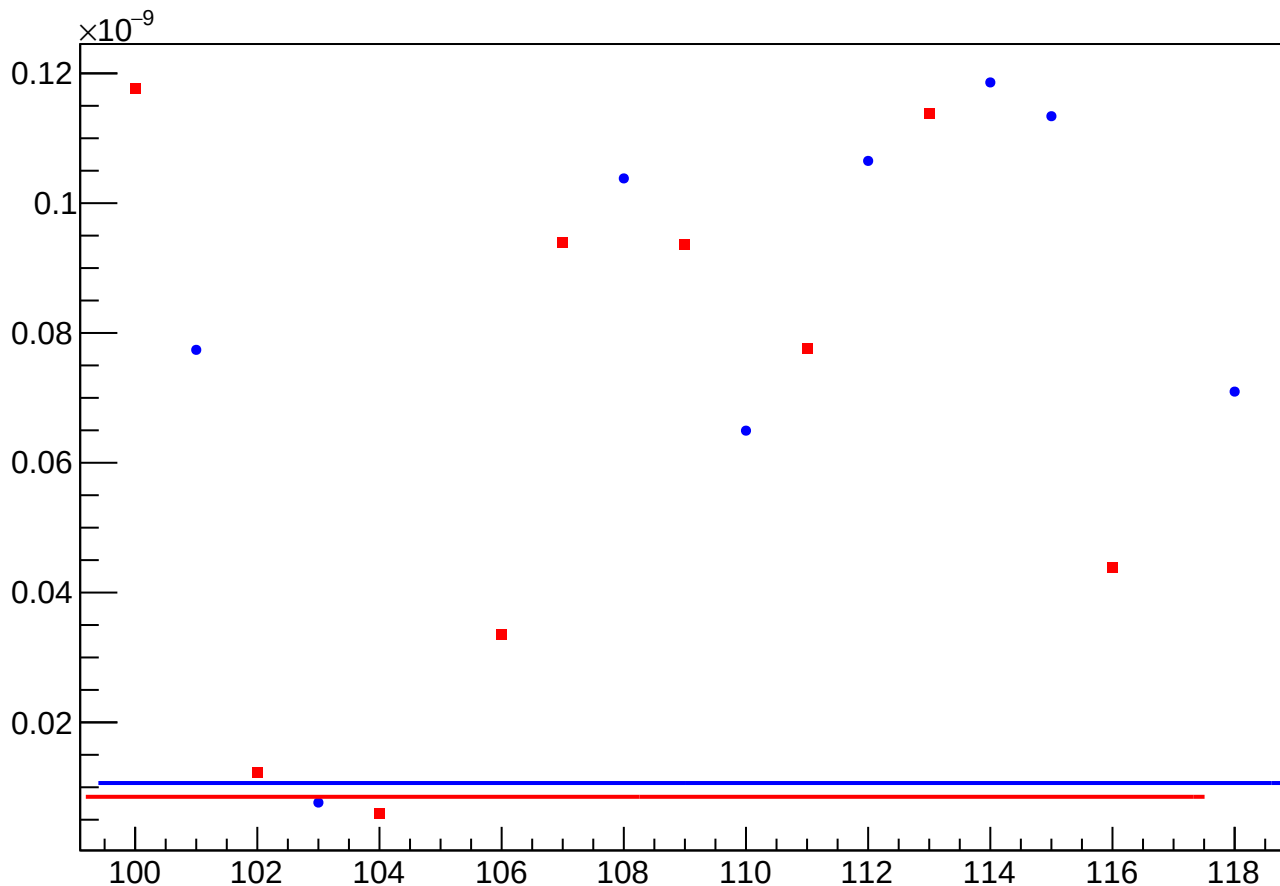
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 2420360.8/8

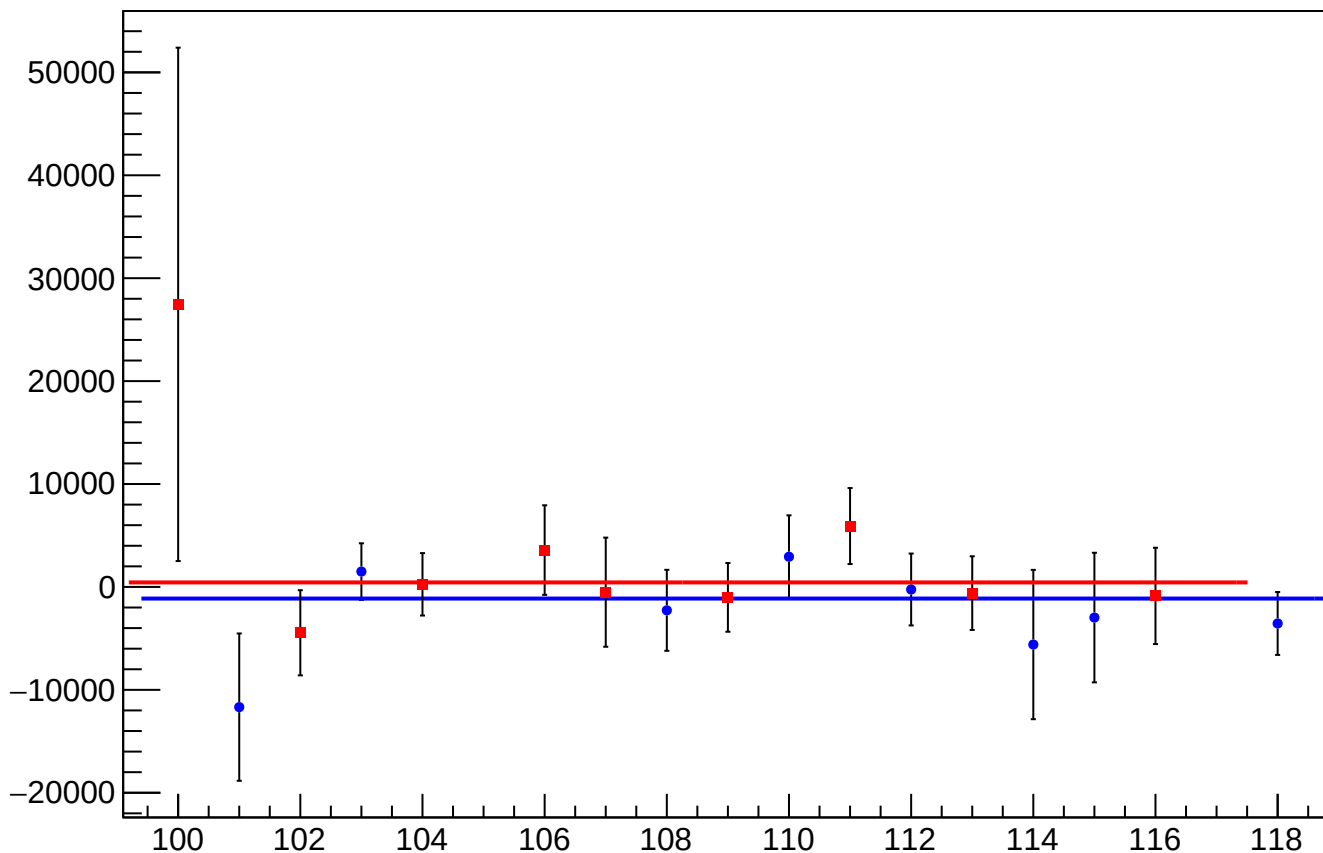
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5167248.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -1129.367 $\pm$ 1397.927 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 439.294 $\pm$ 1355.939 χ^2 /NDF: 5.7/8

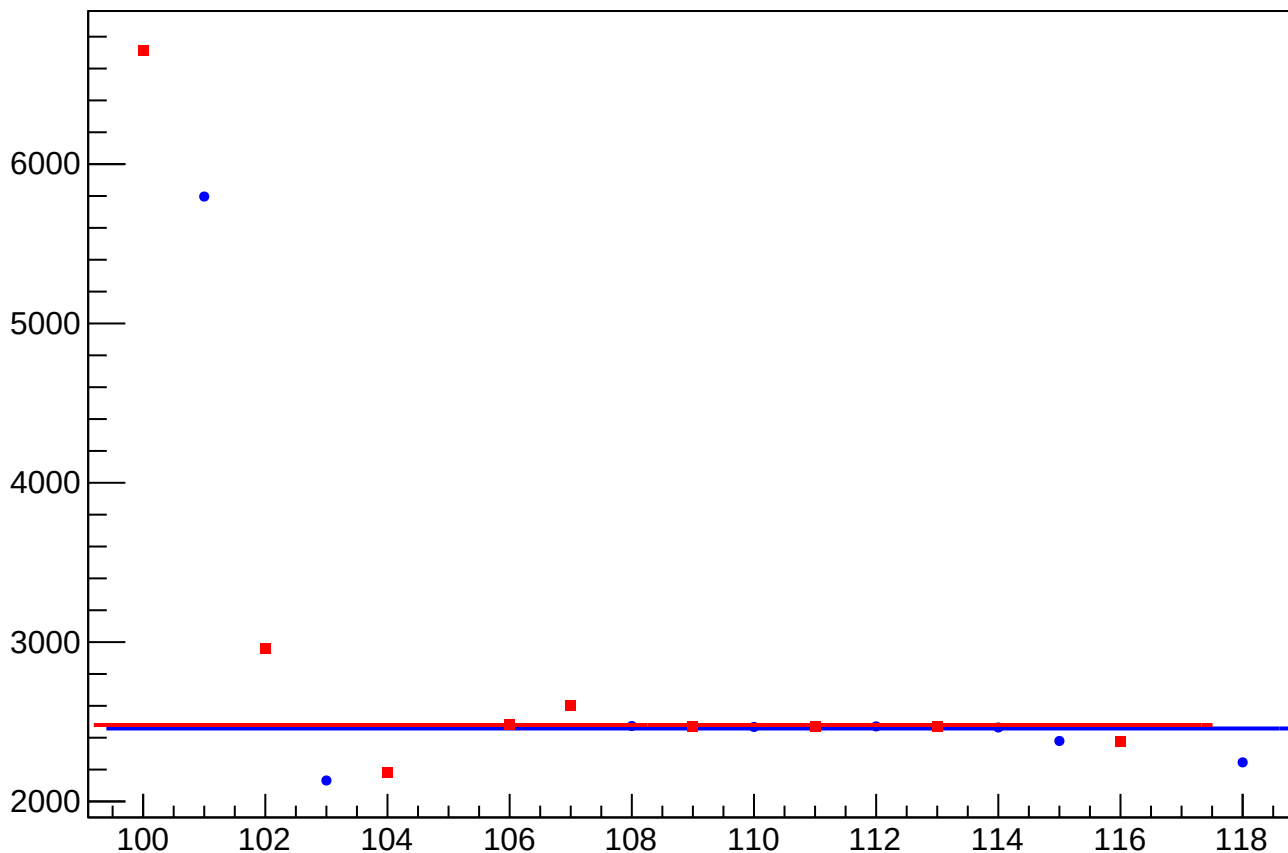
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -321.125 $\pm$ 973.299 χ^2 /NDF: 11.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2457.848 $\pm$ 0.988 χ^2 /NDF: 473419.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2479.805 $\pm$ 0.959 χ^2 /NDF: 105720.0/8

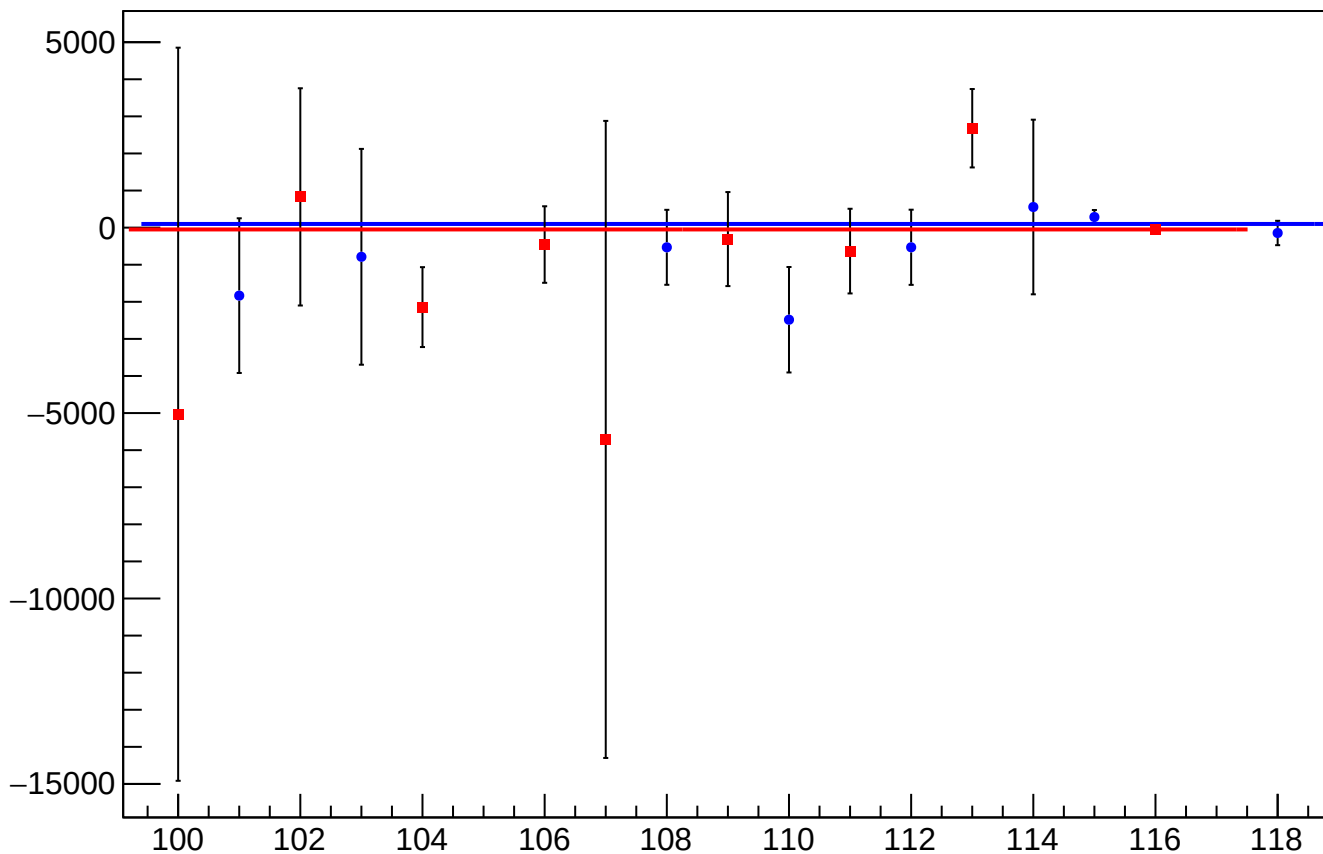
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2469.161 $\pm$ 0.688 χ^2 /NDF: 579394.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



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: -49.020+/-121.525 χ^2/NDF : 11.7/8

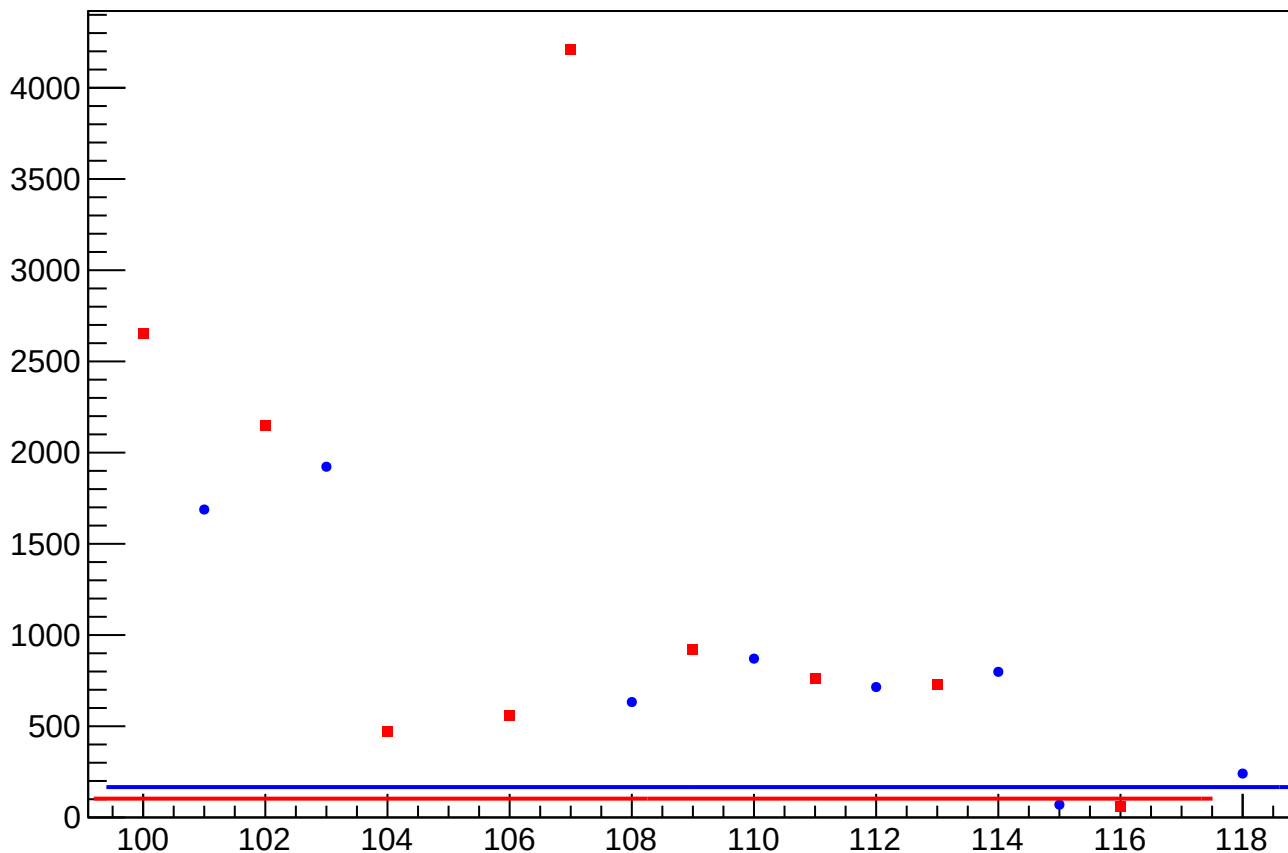
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.142+/-96.251 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



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: 103.197+/-0.086 χ^2/NDF : 4607287.1/8

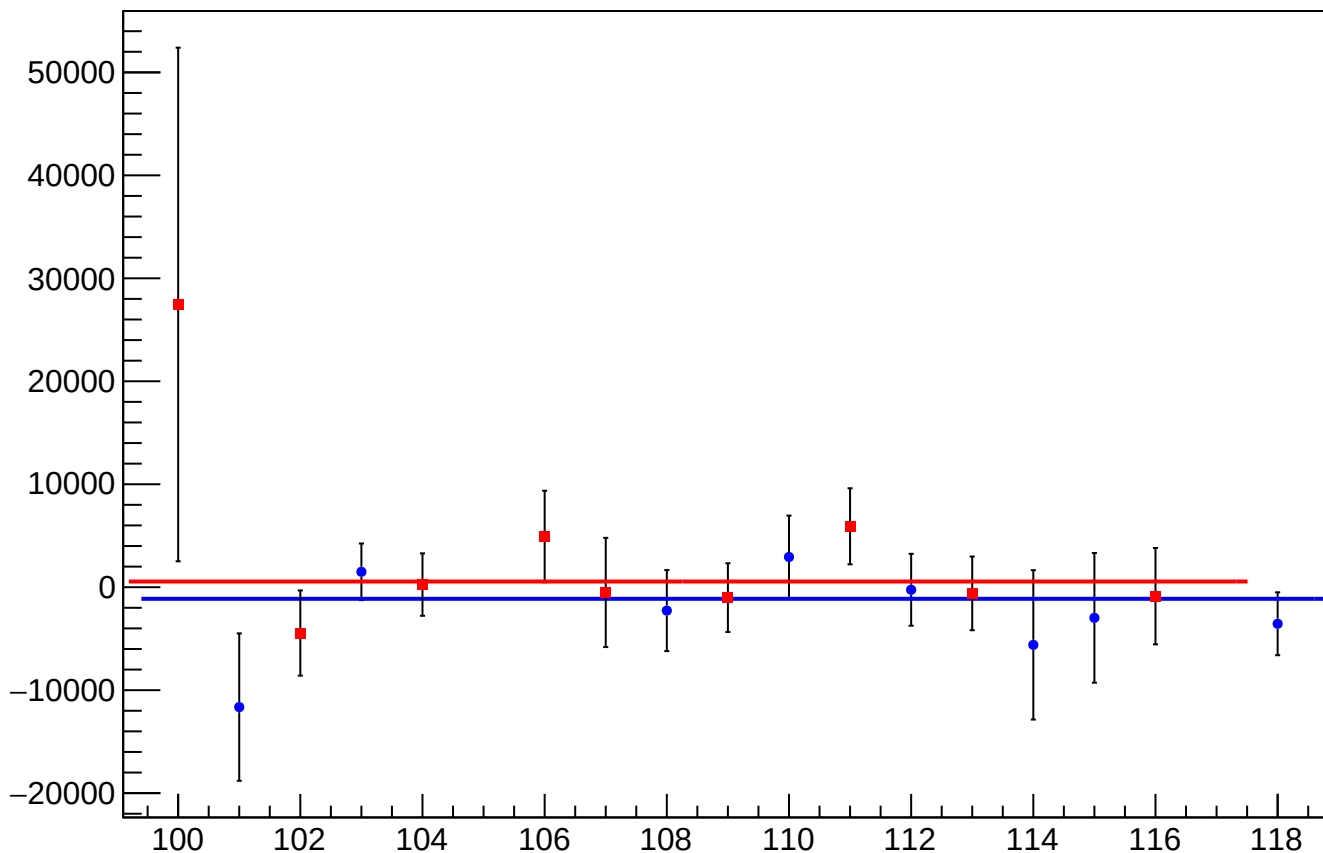
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.768+/-0.068 χ^2/NDF : 8870555.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



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: 553.480 $\pm$ 1358.680 χ^2 /NDF: 6.2/8

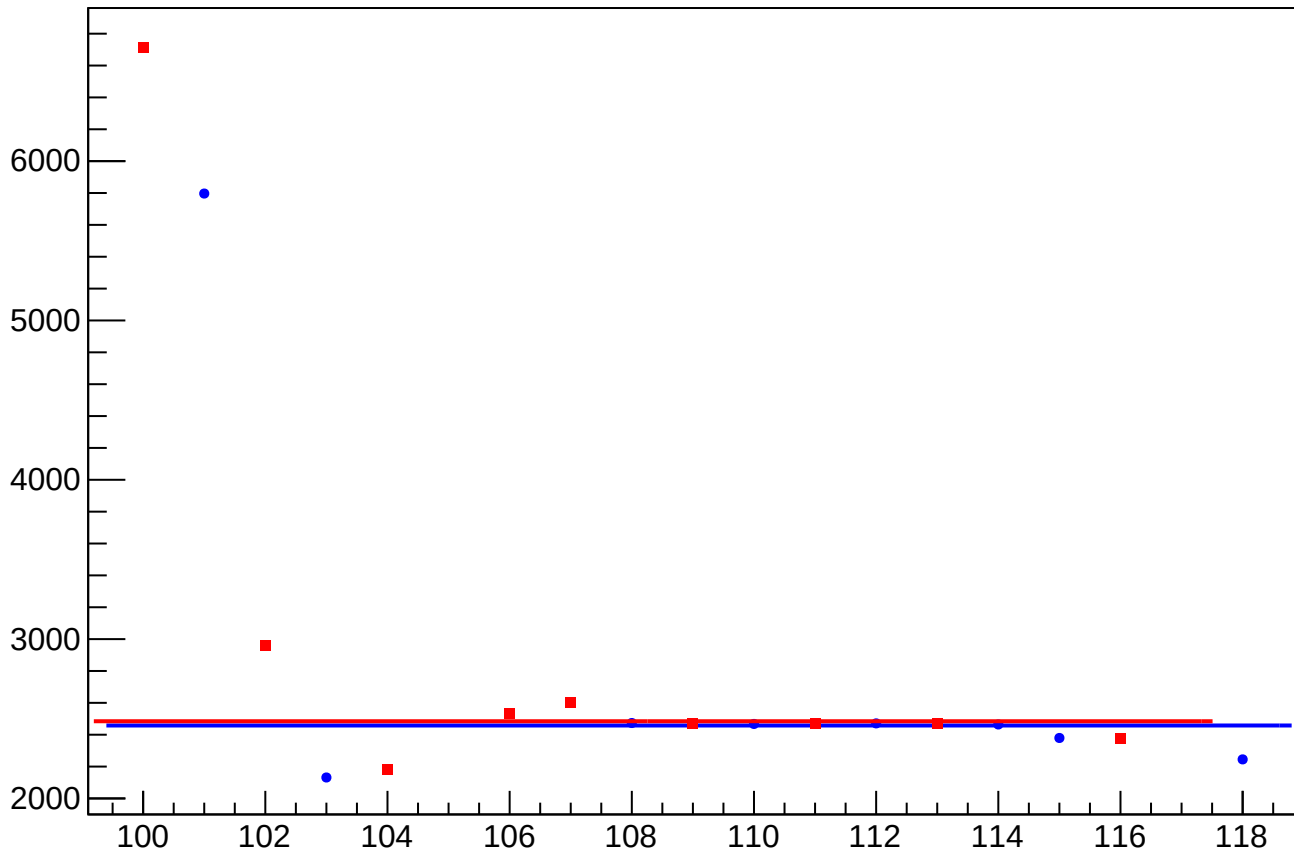
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -262.840 $\pm$ 974.312 χ^2 /NDF: 12.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2457.848 $\pm$ 0.988 χ^2 /NDF: 473420.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2484.529 $\pm$ 0.961 χ^2 /NDF: 105997.4/8

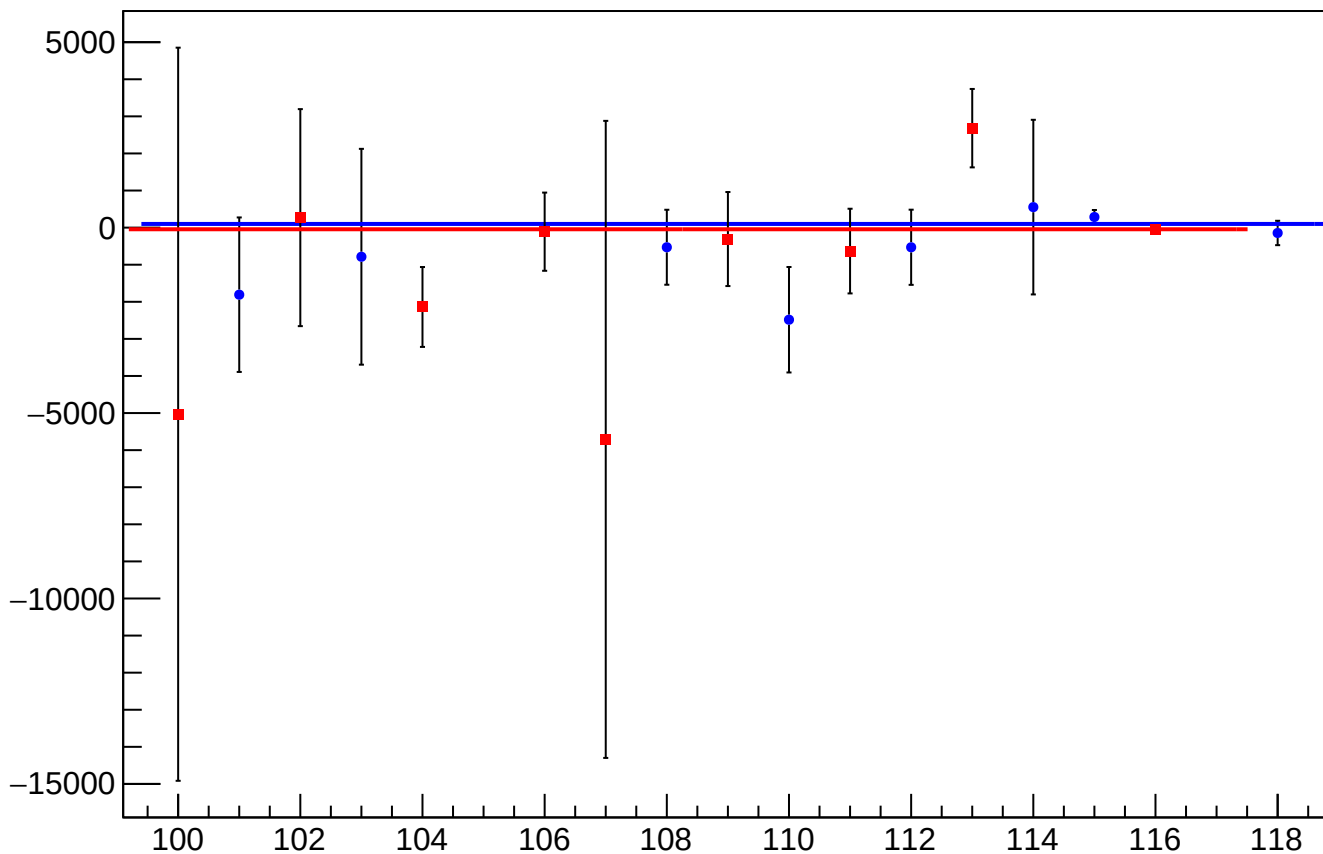
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2471.568 $\pm$ 0.689 χ^2 /NDF: 579792.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug



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: -44.400+/-121.316 χ^2/NDF : 11.4/8

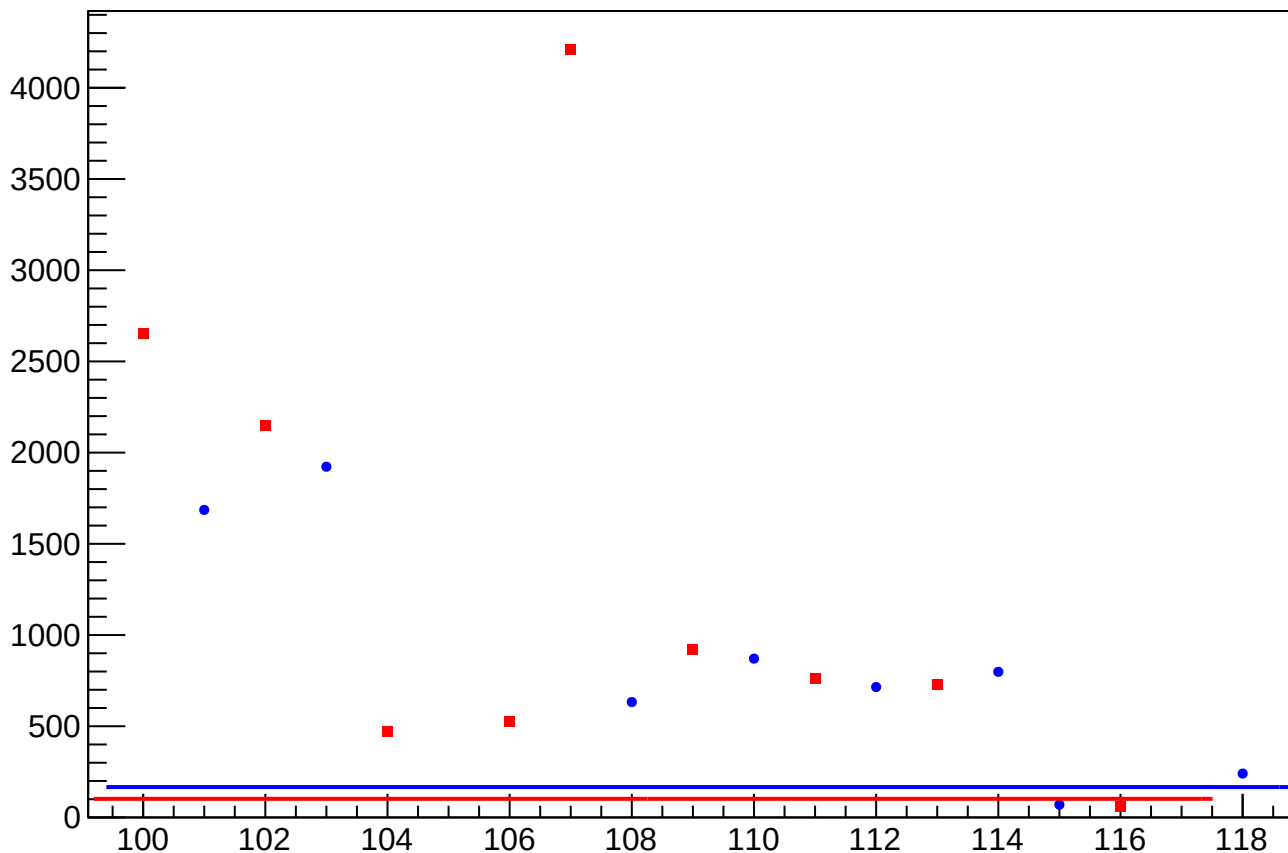
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.982+/-96.156 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



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: 102.154+/-0.086 χ^2/NDF : 4545695.9/8

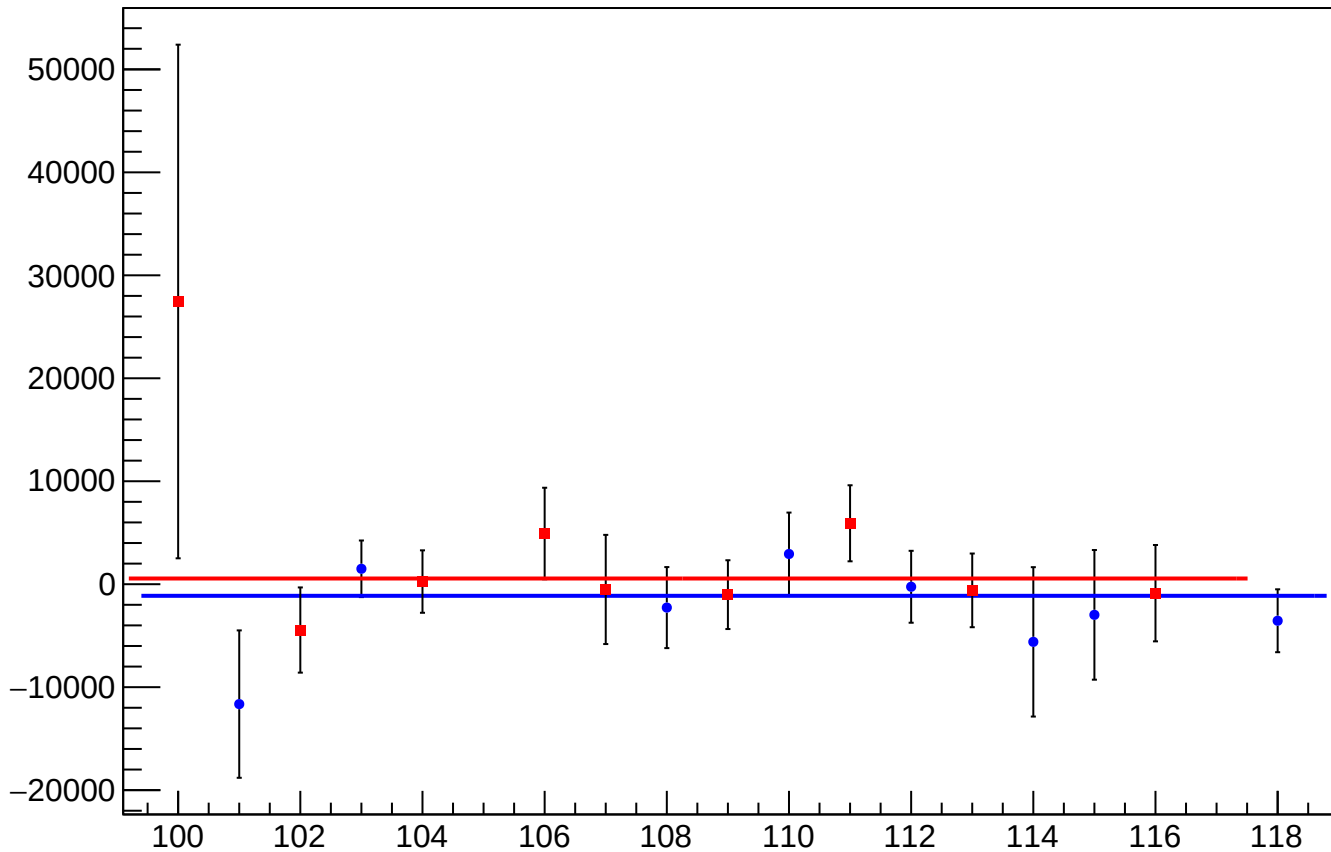
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.084+/-0.068 χ^2/NDF : 8815406.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



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: 553.480 $\pm$ 1358.680 χ^2 /NDF: 6.2/8

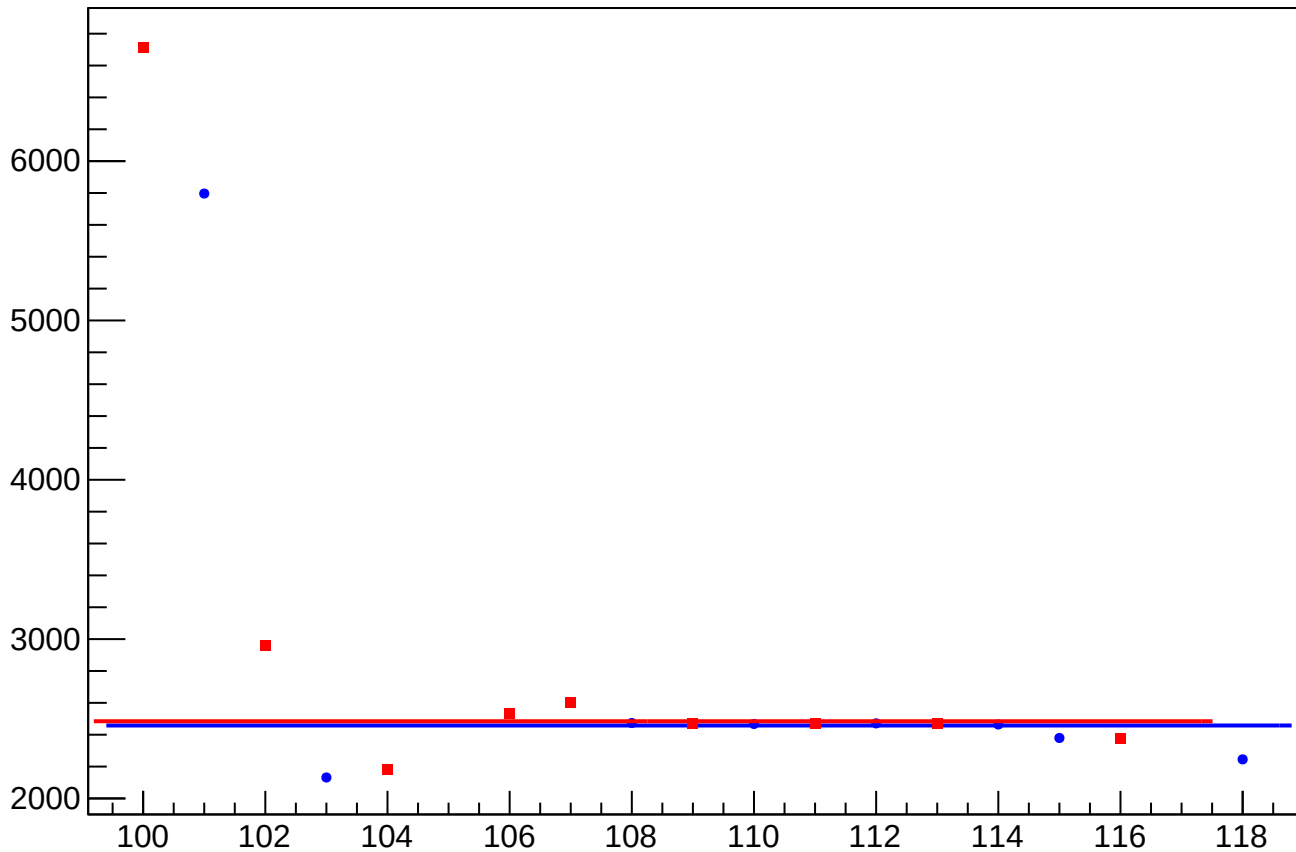
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -262.840 $\pm$ 974.312 χ^2 /NDF: 12.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2457.848 $\pm$ 0.988 χ^2 /NDF: 473420.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2484.529 $\pm$ 0.961 χ^2 /NDF: 105997.4/8

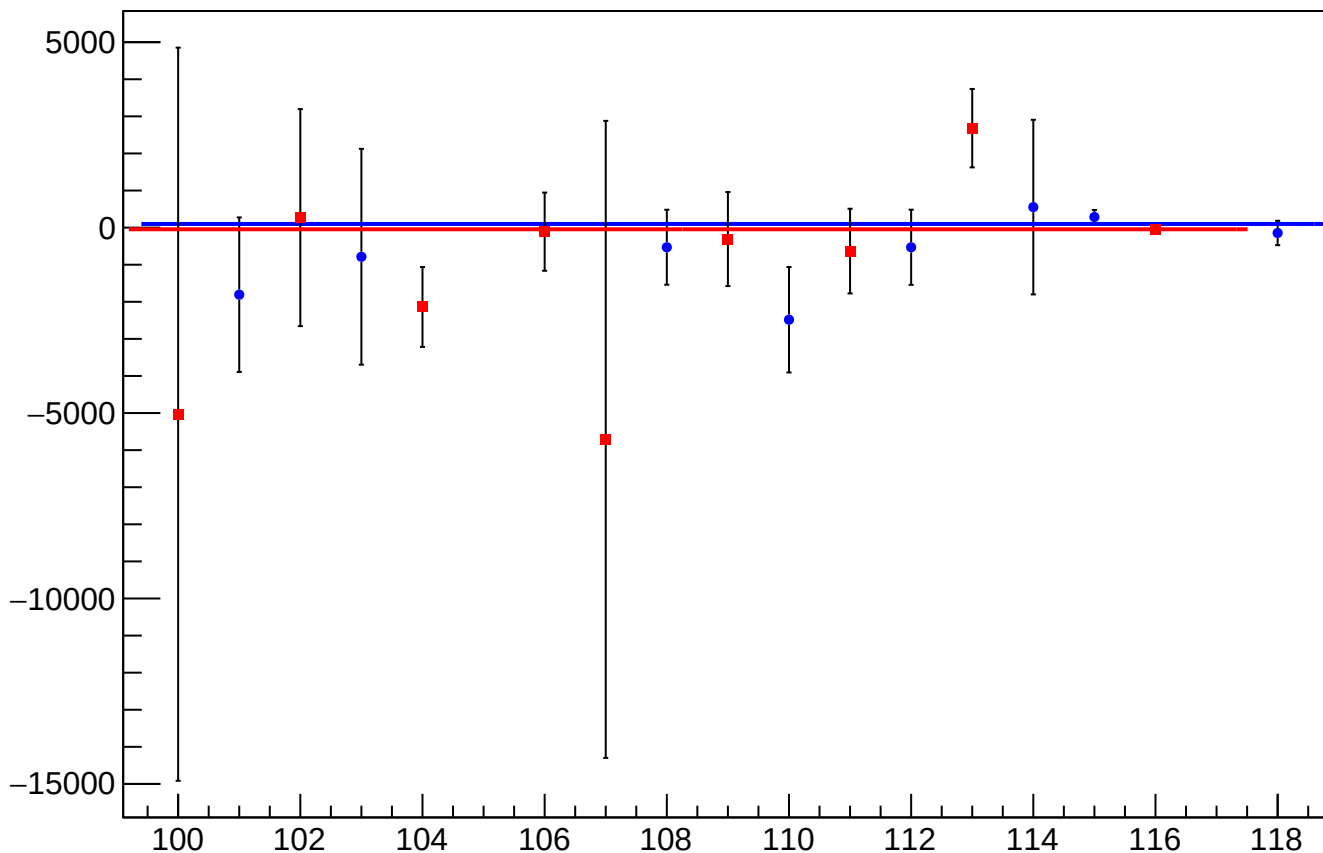
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2471.568 $\pm$ 0.689 χ^2 /NDF: 579792.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug



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: -44.400+/-121.316 χ^2/NDF : 11.4/8

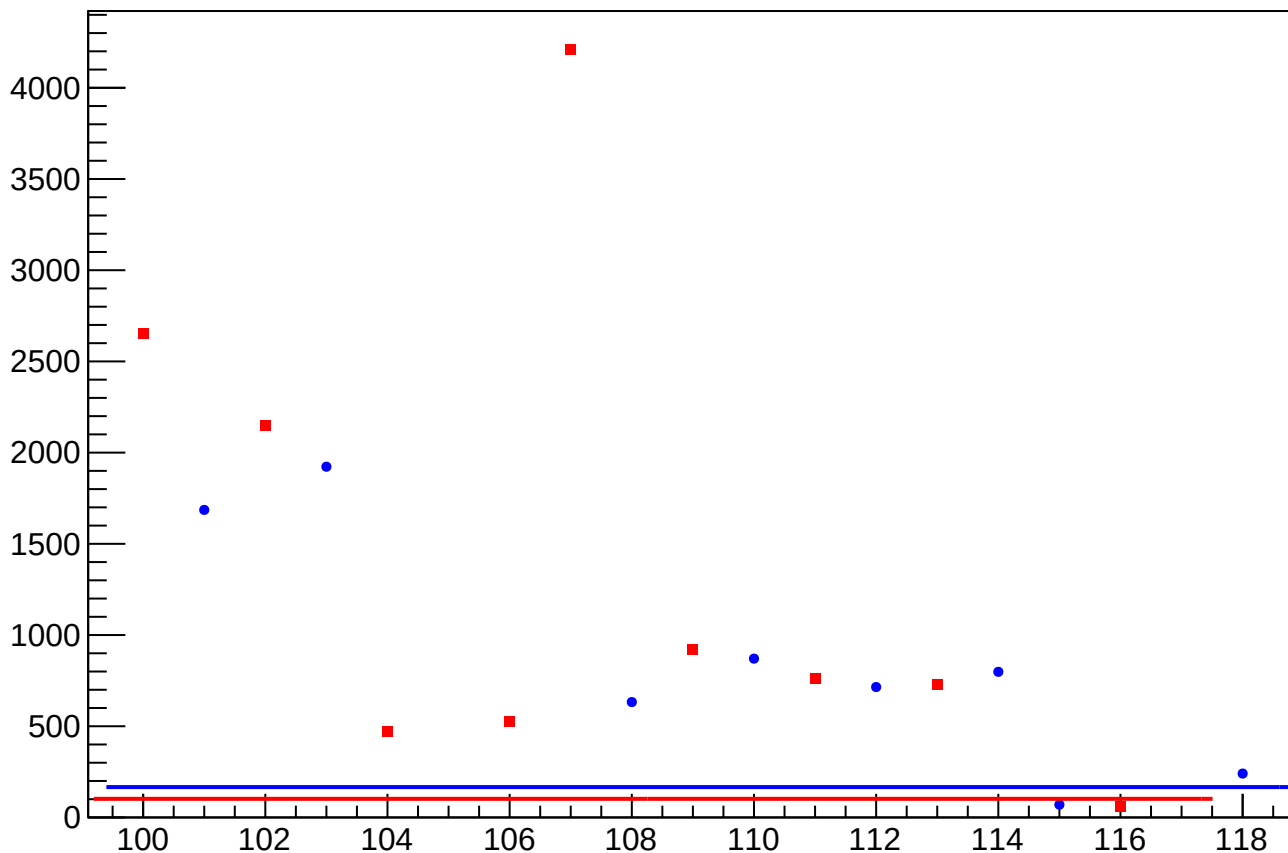
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.982+/-96.156 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug



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: 102.154+/-0.086 χ^2/NDF : 4545695.9/8

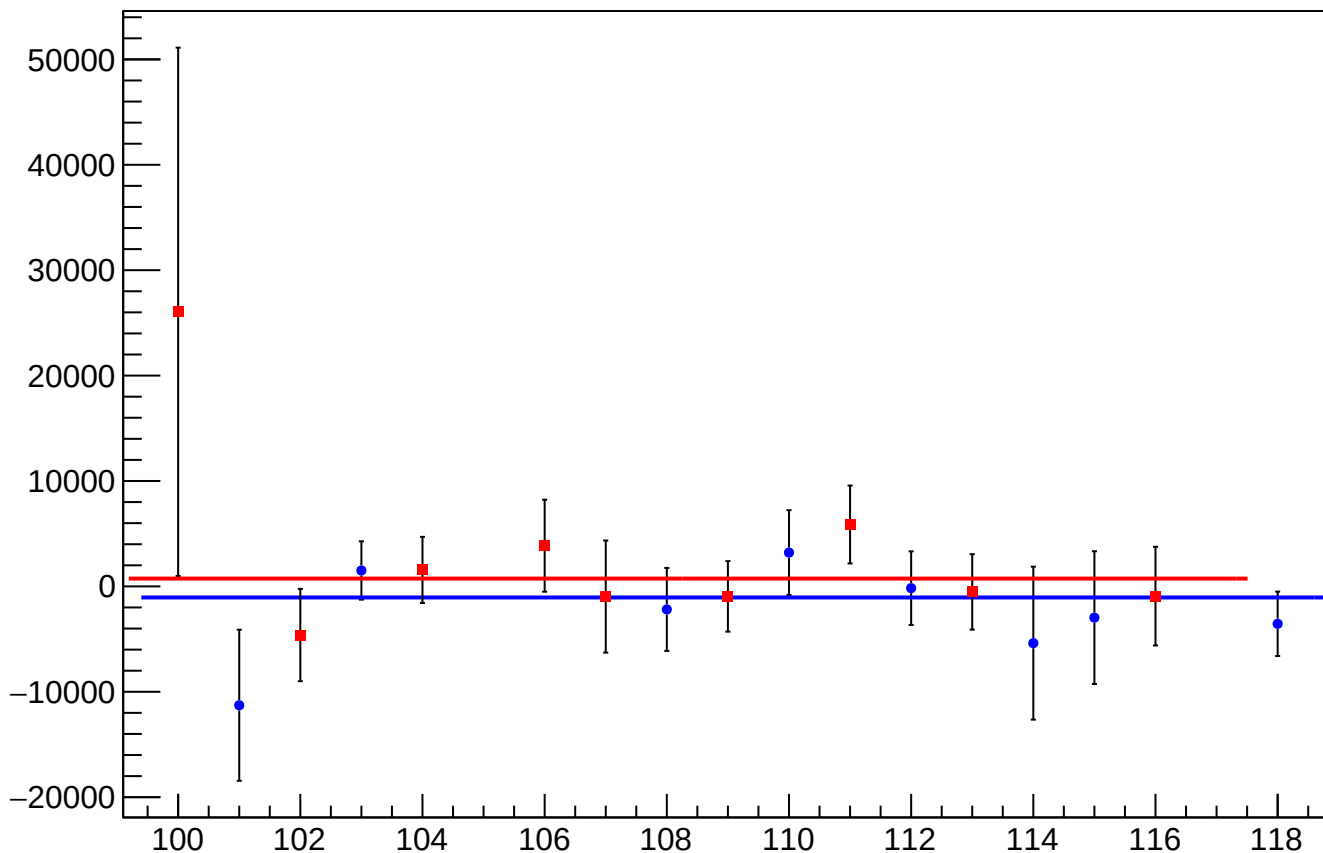
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.084+/-0.068 χ^2/NDF : 8815406.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



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: 740.257 ± 1374.273 χ^2/NDF : 5.6/8

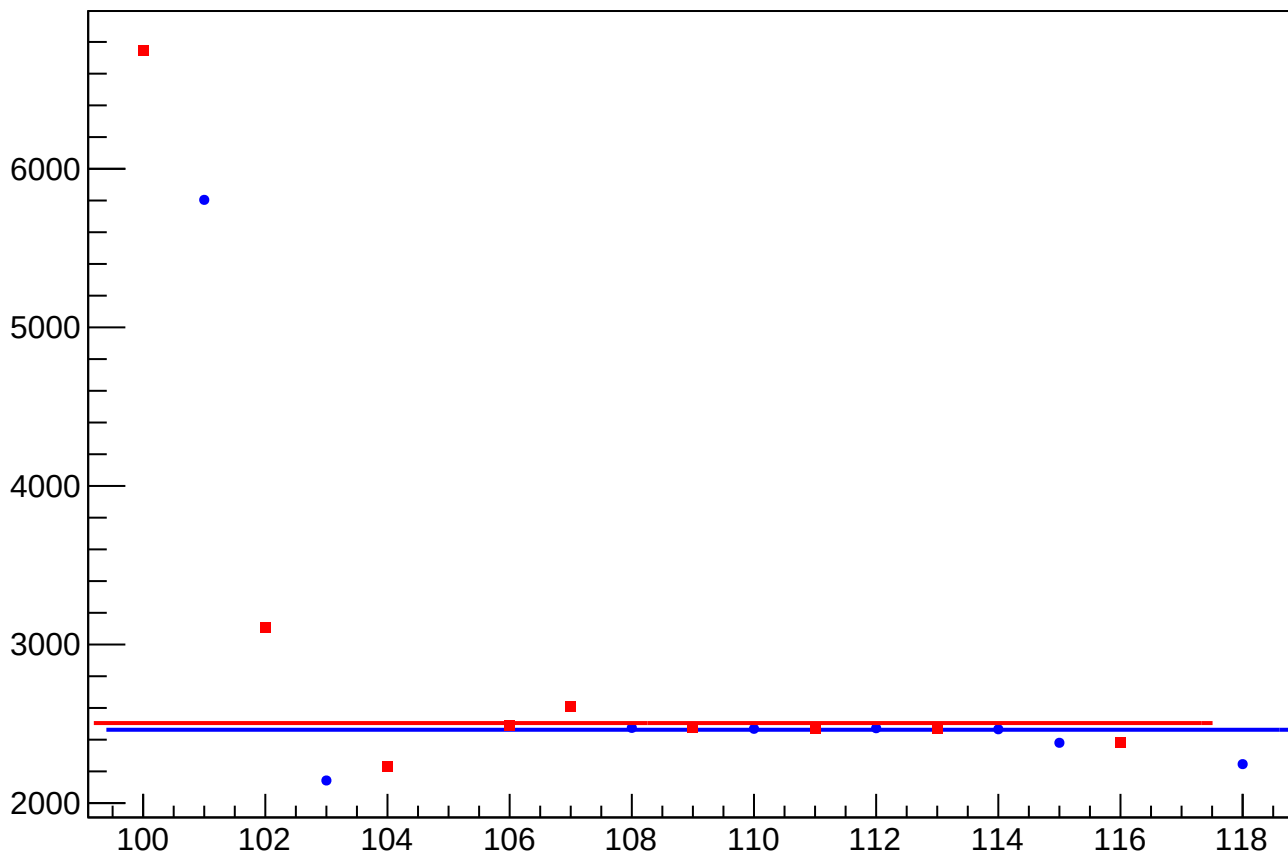
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.527 ± 980.988 χ^2/NDF : 11.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2462.443 $\pm$ 0.990 χ^2 /NDF: 471940.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2504.731 $\pm$ 0.972 χ^2 /NDF: 113500.8/8

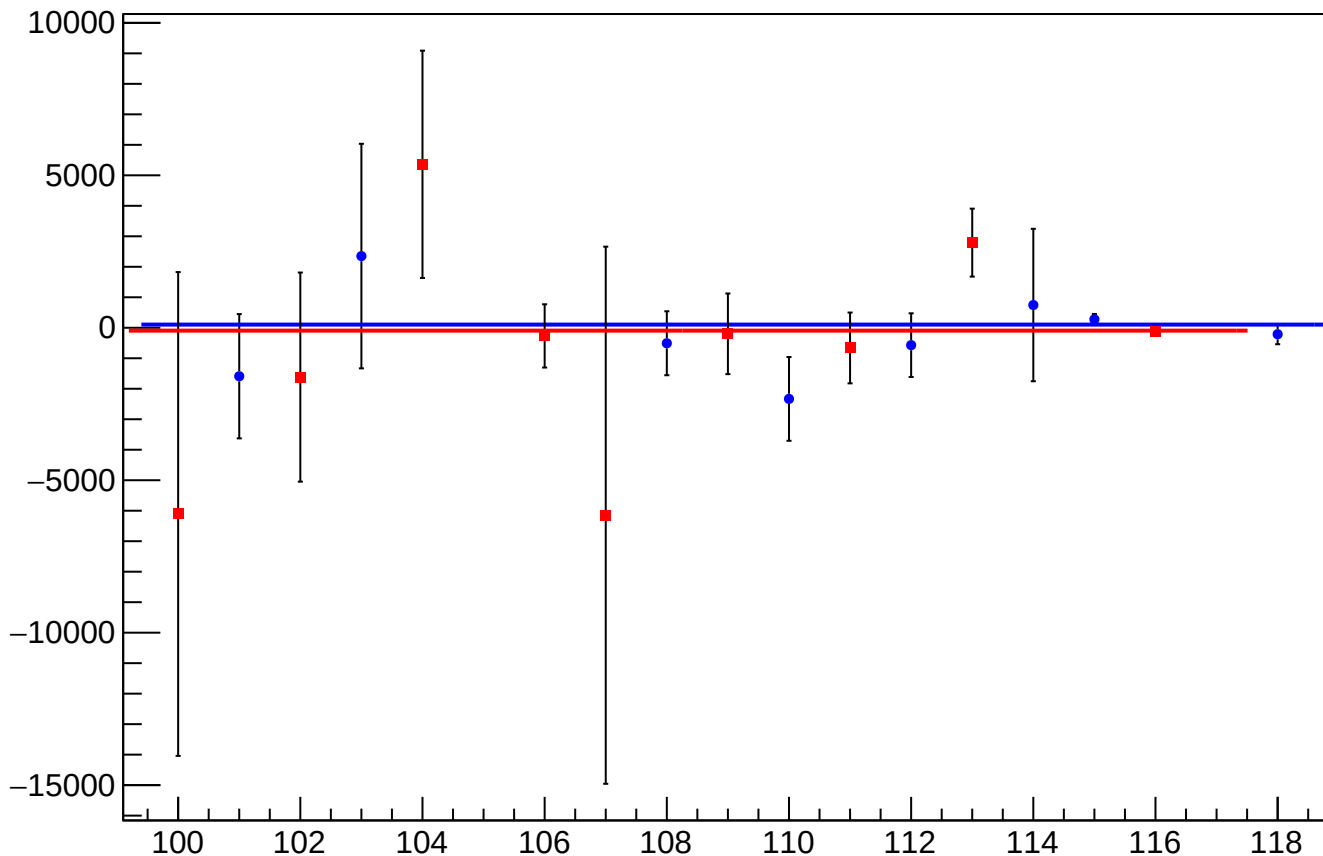
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2483.990 $\pm$ 0.694 χ^2 /NDF: 586369.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



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: -93.730+/-127.559 χ^2/NDF : 10.4/8

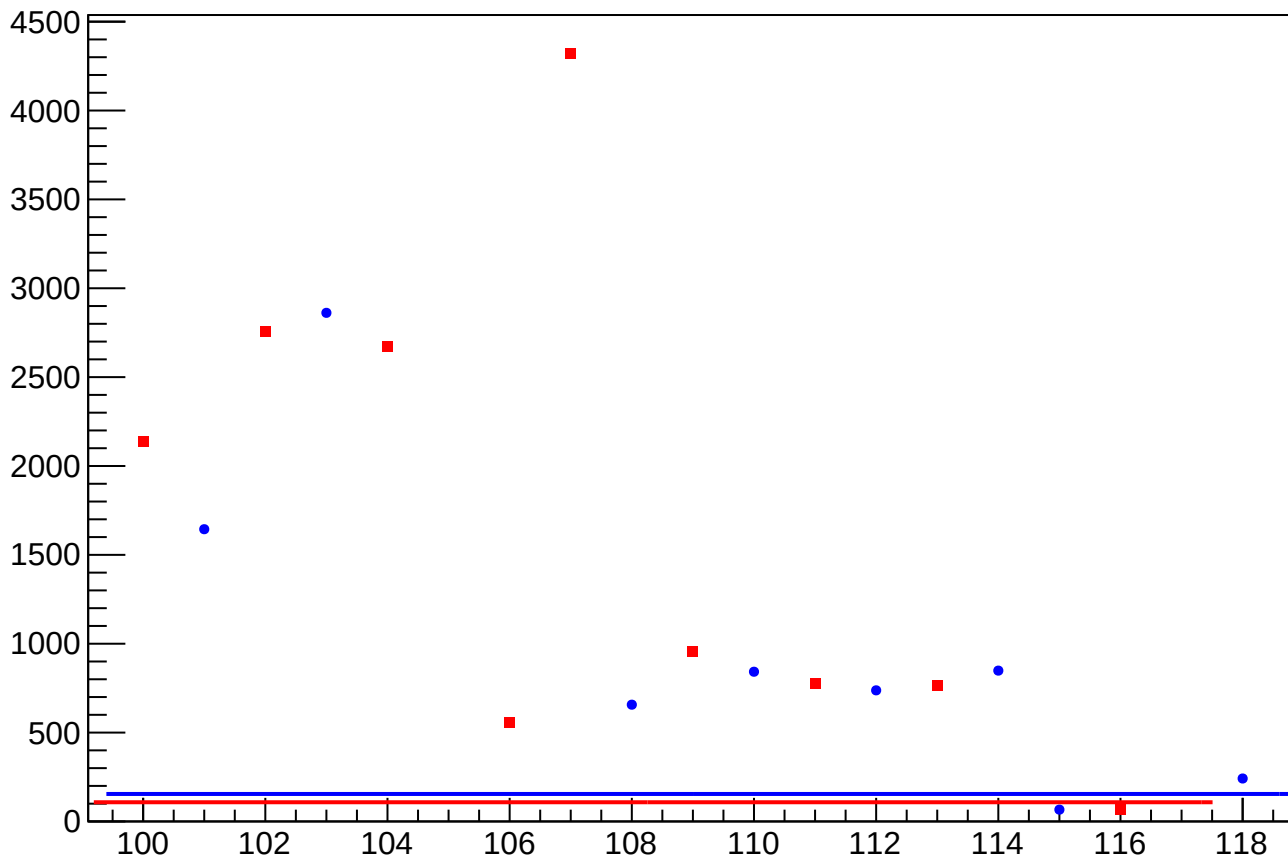
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.962+/-97.331 χ^2/NDF : 18.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 154.683 $\pm$ 0.106 χ^2 /NDF: 4525300.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.050 $\pm$ 0.090 χ^2 /NDF: 5490063.9/8

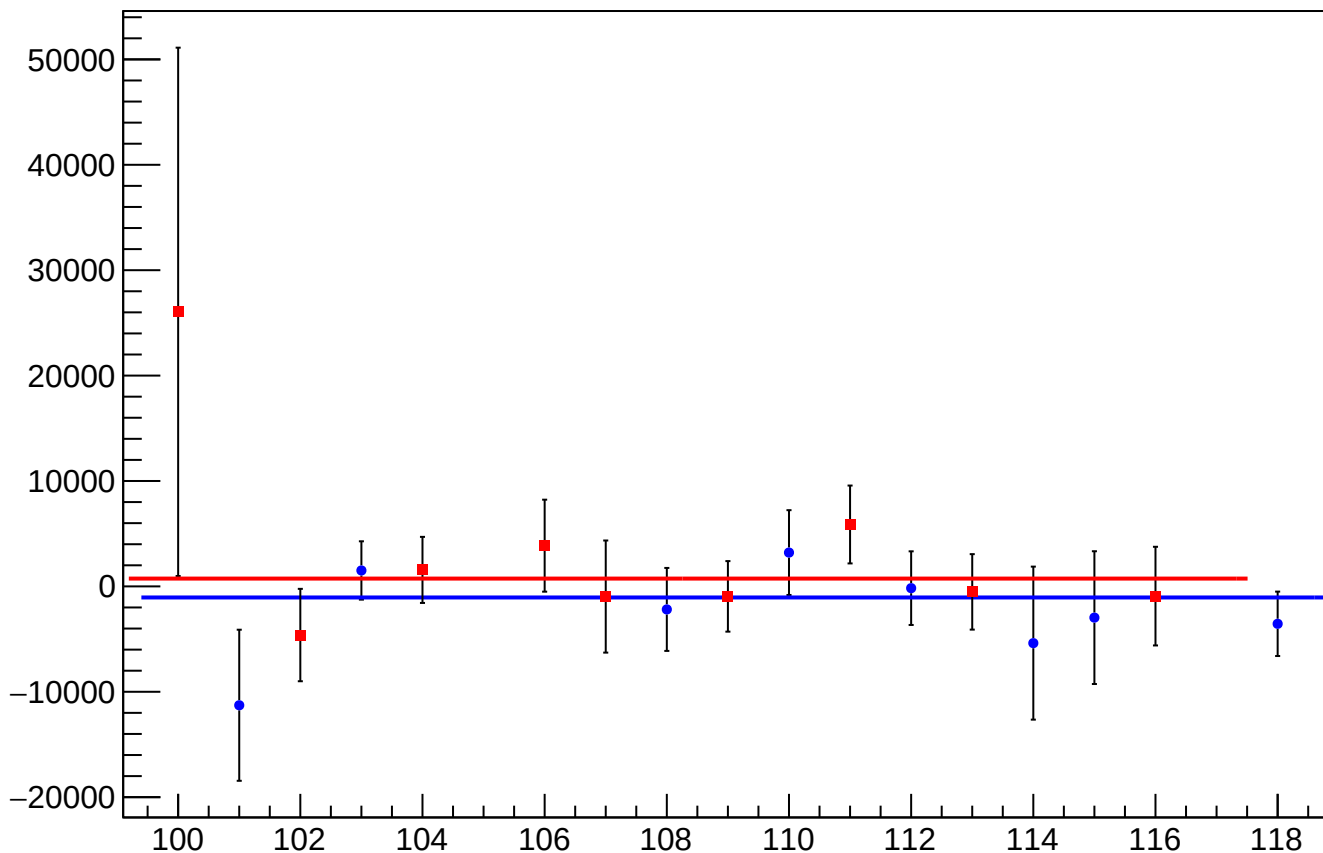
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.533 $\pm$ 0.069 χ^2 /NDF: 10127033.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



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: 740.261+/-1374.273 χ^2/NDF : 5.6/8

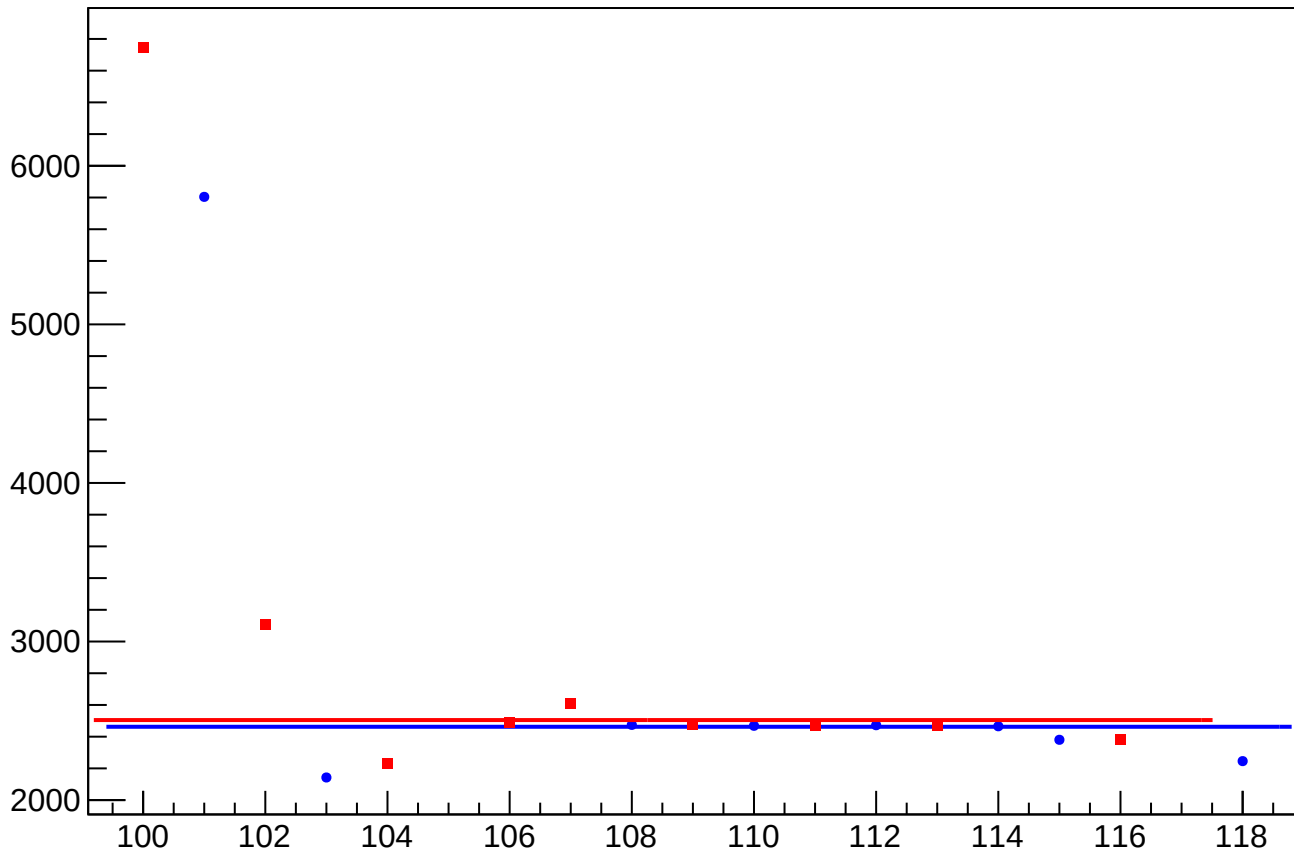
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -138.526+/-980.988 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2462.443 $\pm$ 0.990 χ^2 /NDF: 471940.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2504.731 $\pm$ 0.972 χ^2 /NDF: 113500.7/8

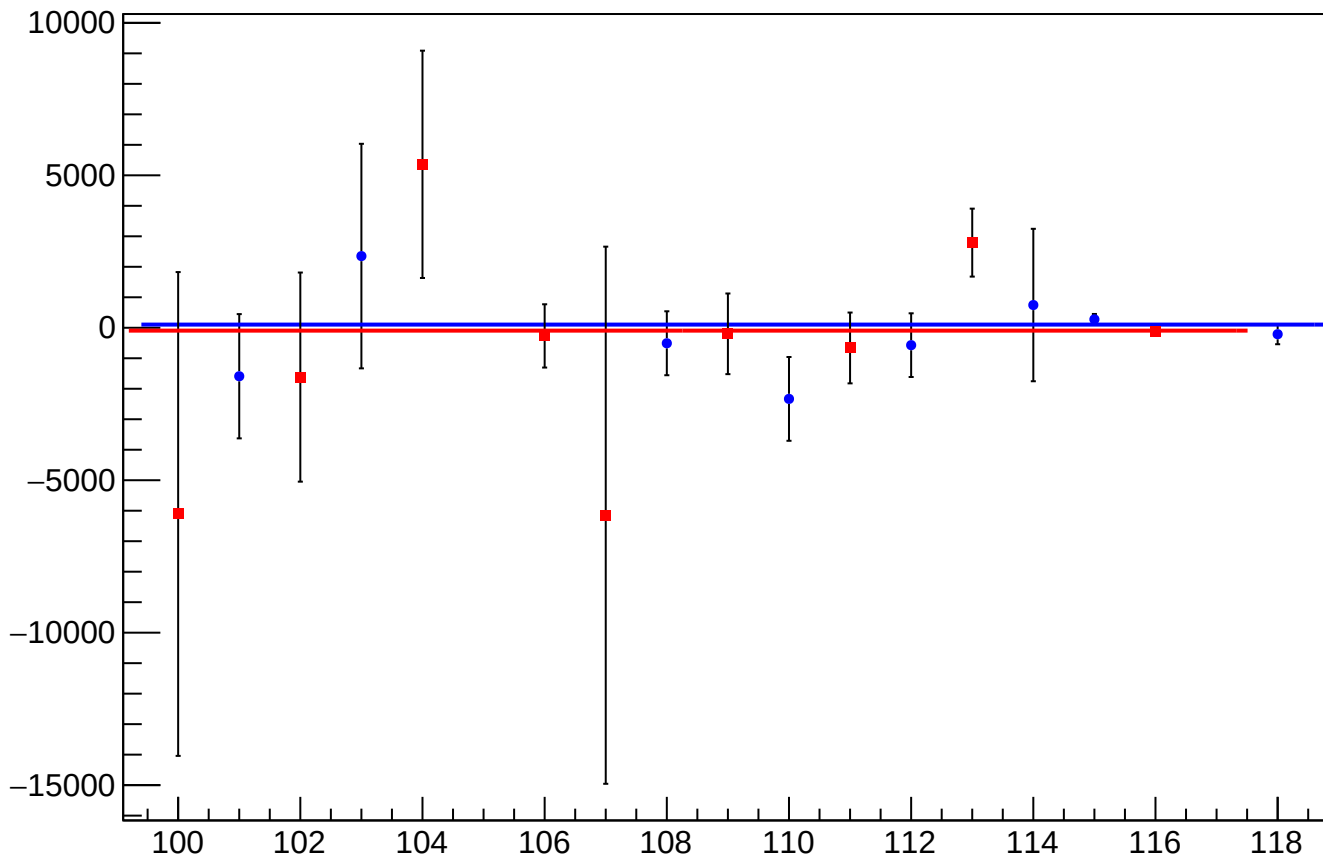
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2483.990 $\pm$ 0.694 χ^2 /NDF: 586369.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 104.380 $\pm$ 150.580 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -93.728 $\pm$ 127.557 χ^2 /NDF: 10.4/8

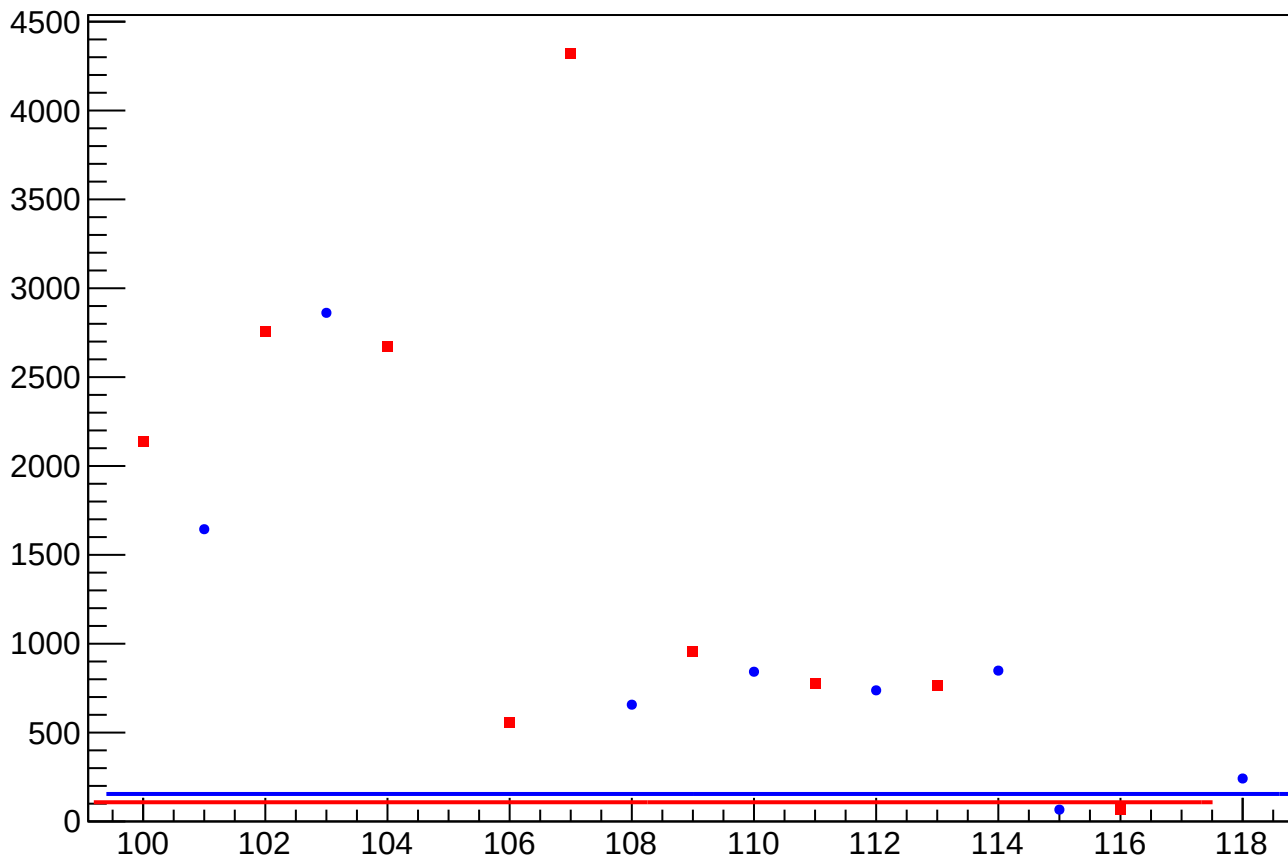
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.961 $\pm$ 97.330 χ^2 /NDF: 18.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 154.678 $\pm$ 0.106 χ^2 /NDF: 4525338.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.048 $\pm$ 0.090 χ^2 /NDF: 5490089.1/8

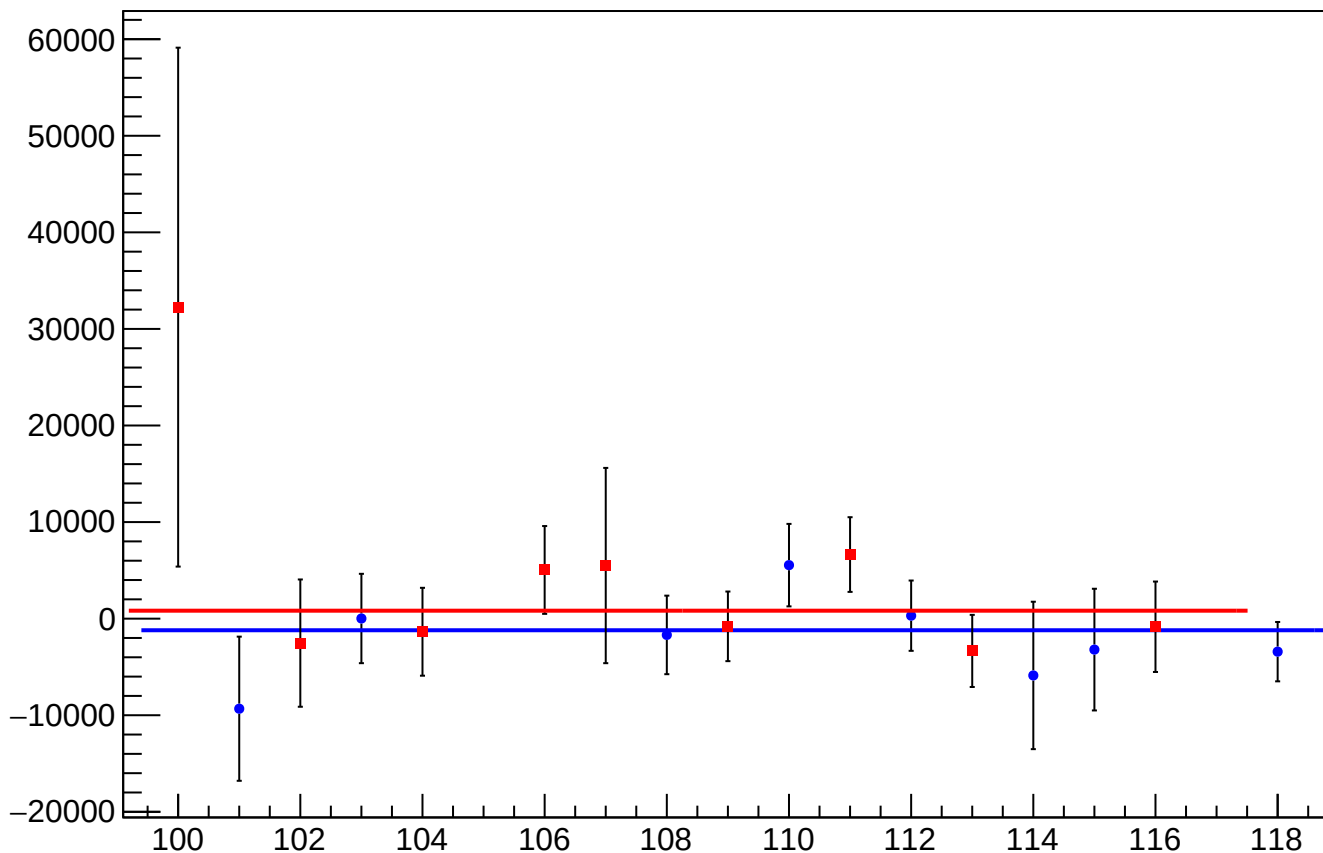
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.529 $\pm$ 0.069 χ^2 /NDF: 10127093.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -1200.648 $\pm$ 1573.749 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 824.977 $\pm$ 1596.970 χ^2 /NDF: 6.8/8

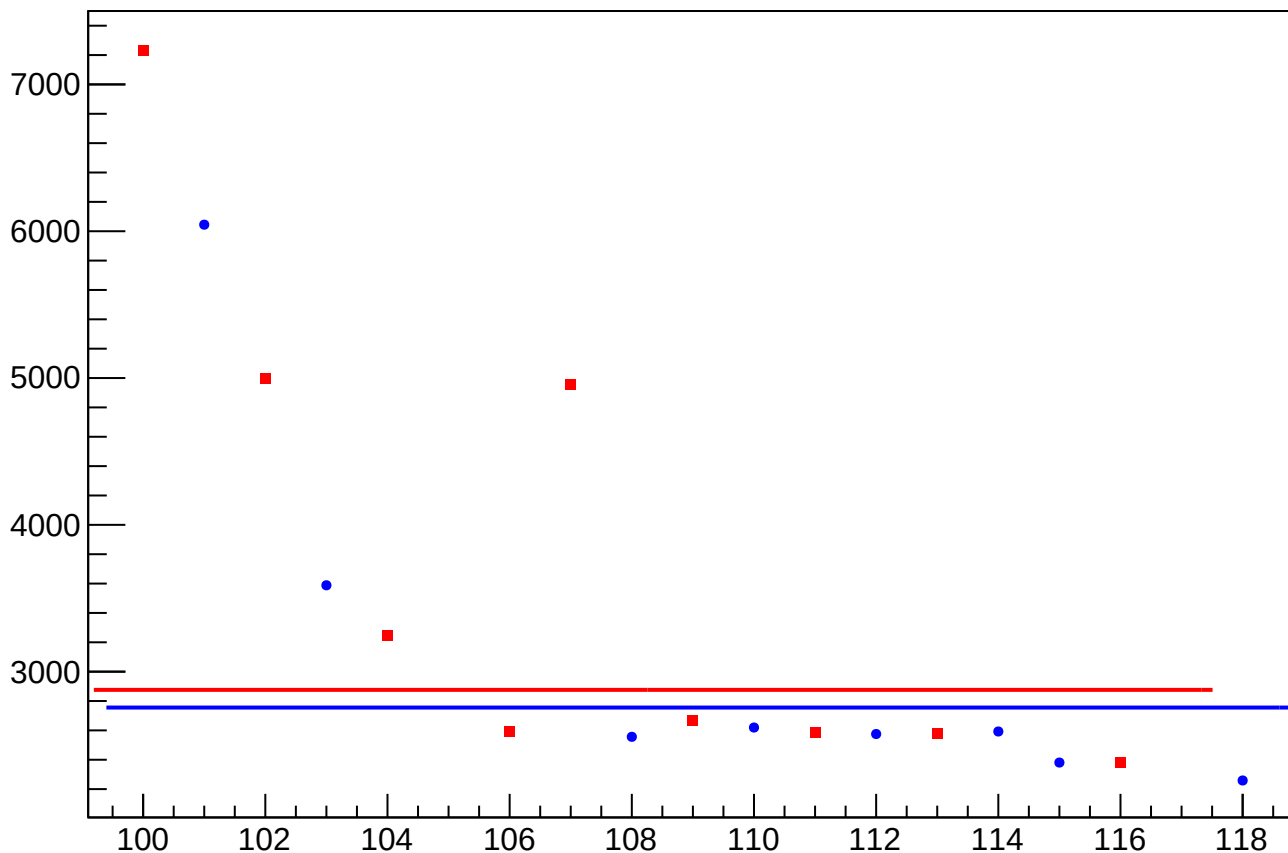
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.670 $\pm$ 1120.928 χ^2 /NDF: 12.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



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: 2875.985+/-1.129 χ^2/NDF : 419165.8/8

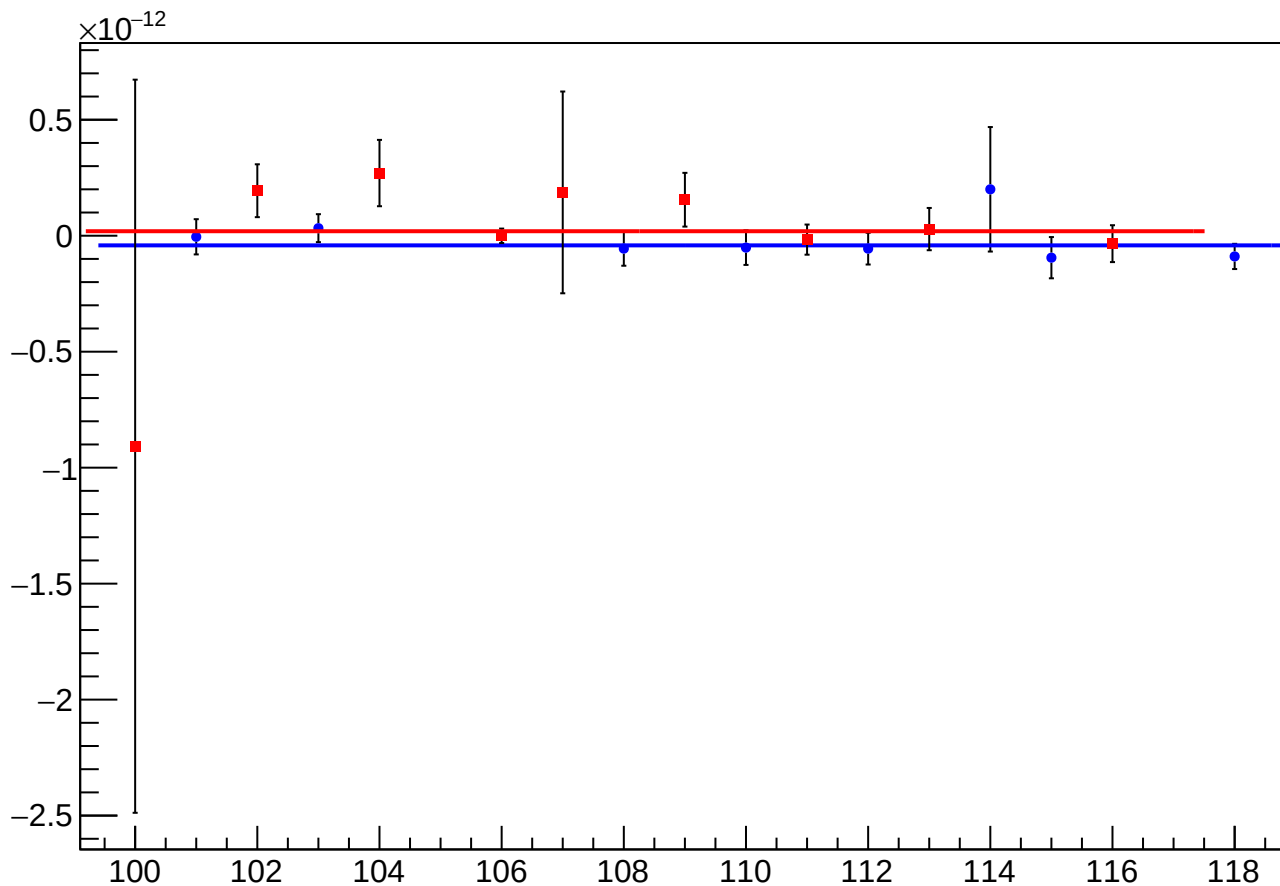
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2814.875+/-0.793 χ^2/NDF : 950234.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug



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 : 8.5/8

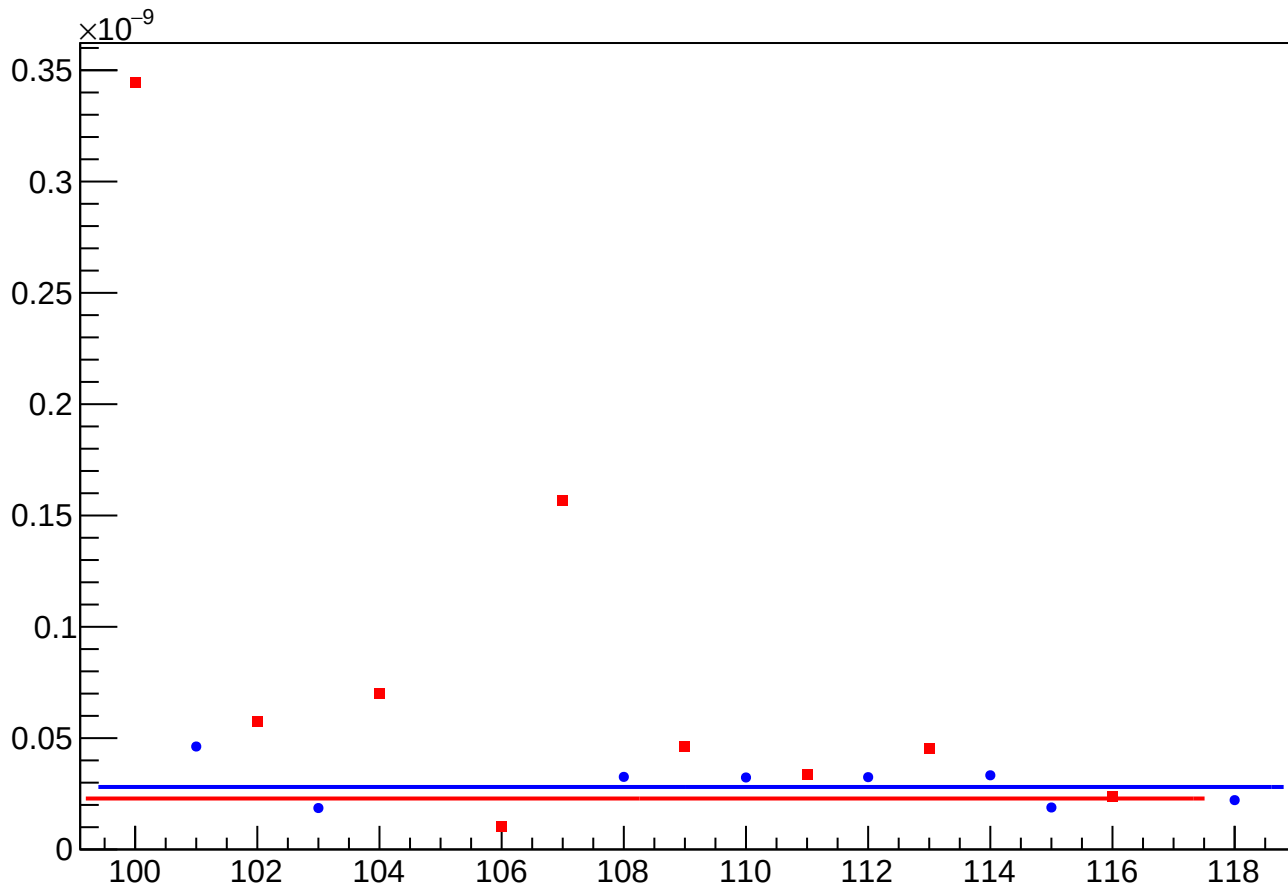
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 232061.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1252178.1/8

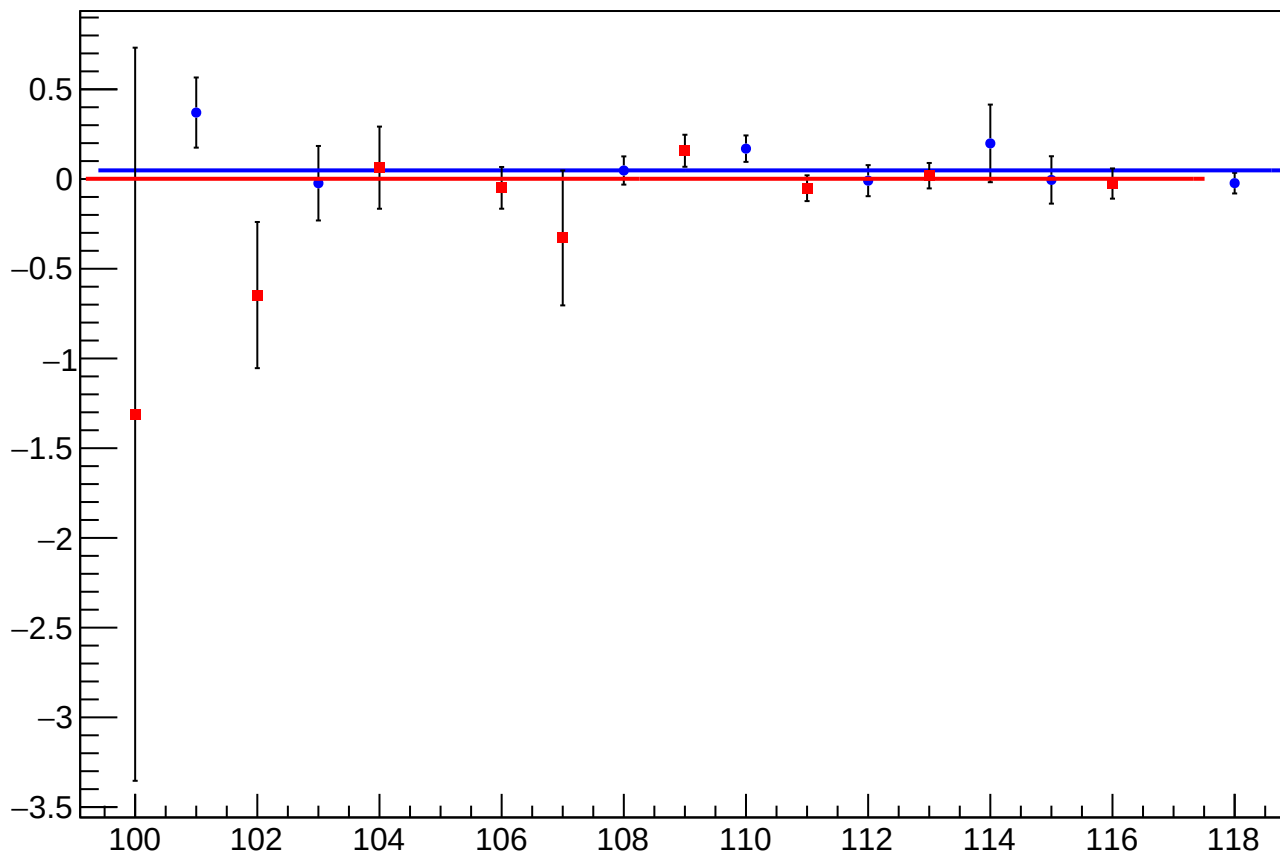
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1527738.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



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: 0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

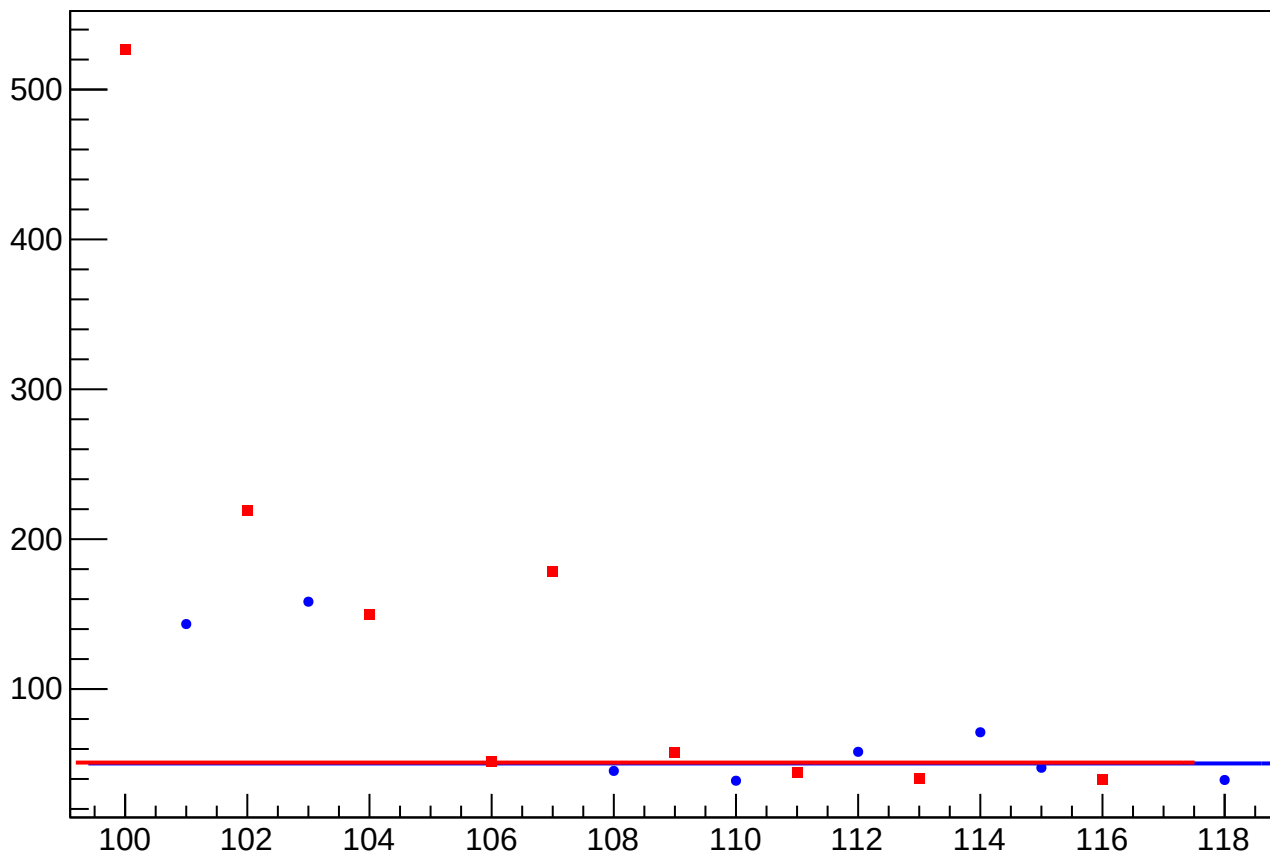
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.024 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug



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: 50.938+/-0.026 χ^2/NDF : 1157562.4/8

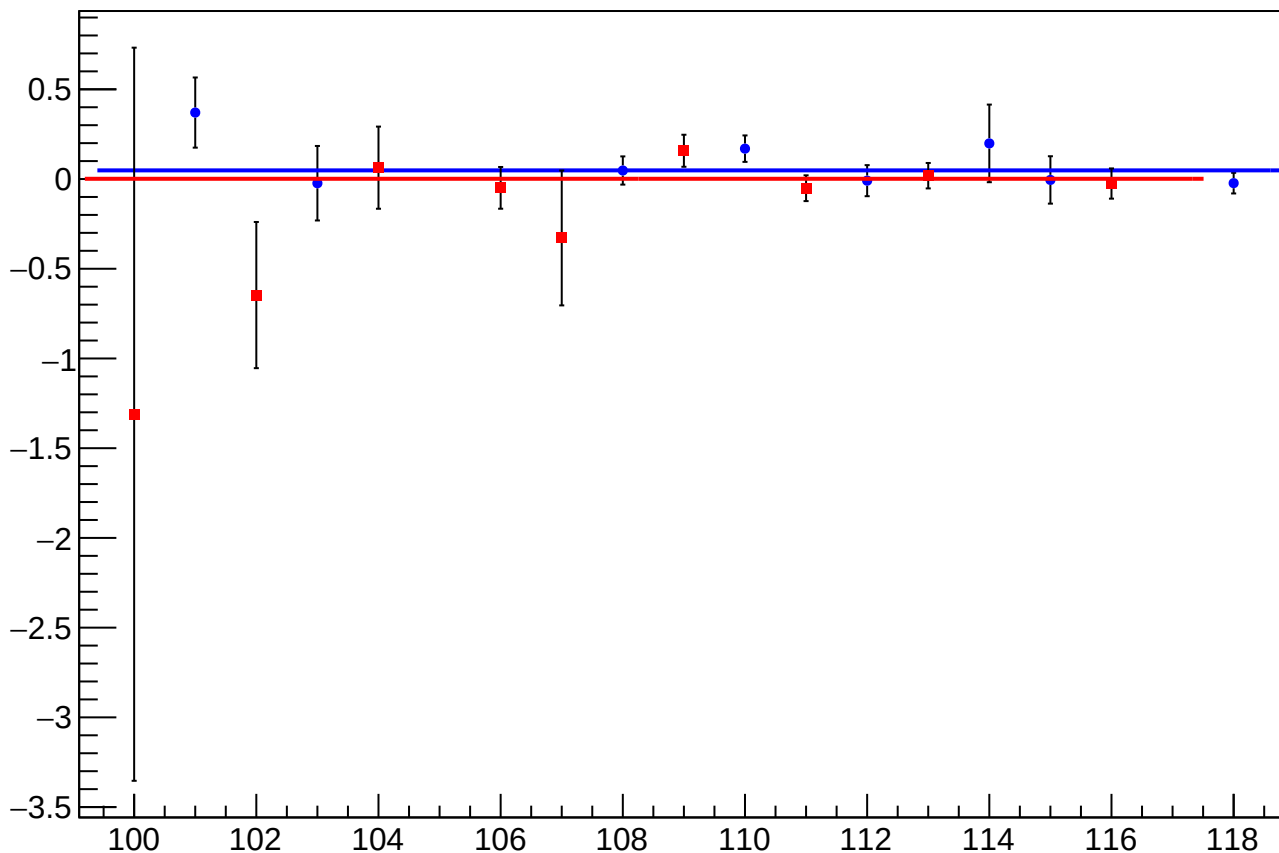
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.622+/-0.017 χ^2/NDF : 2316921.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

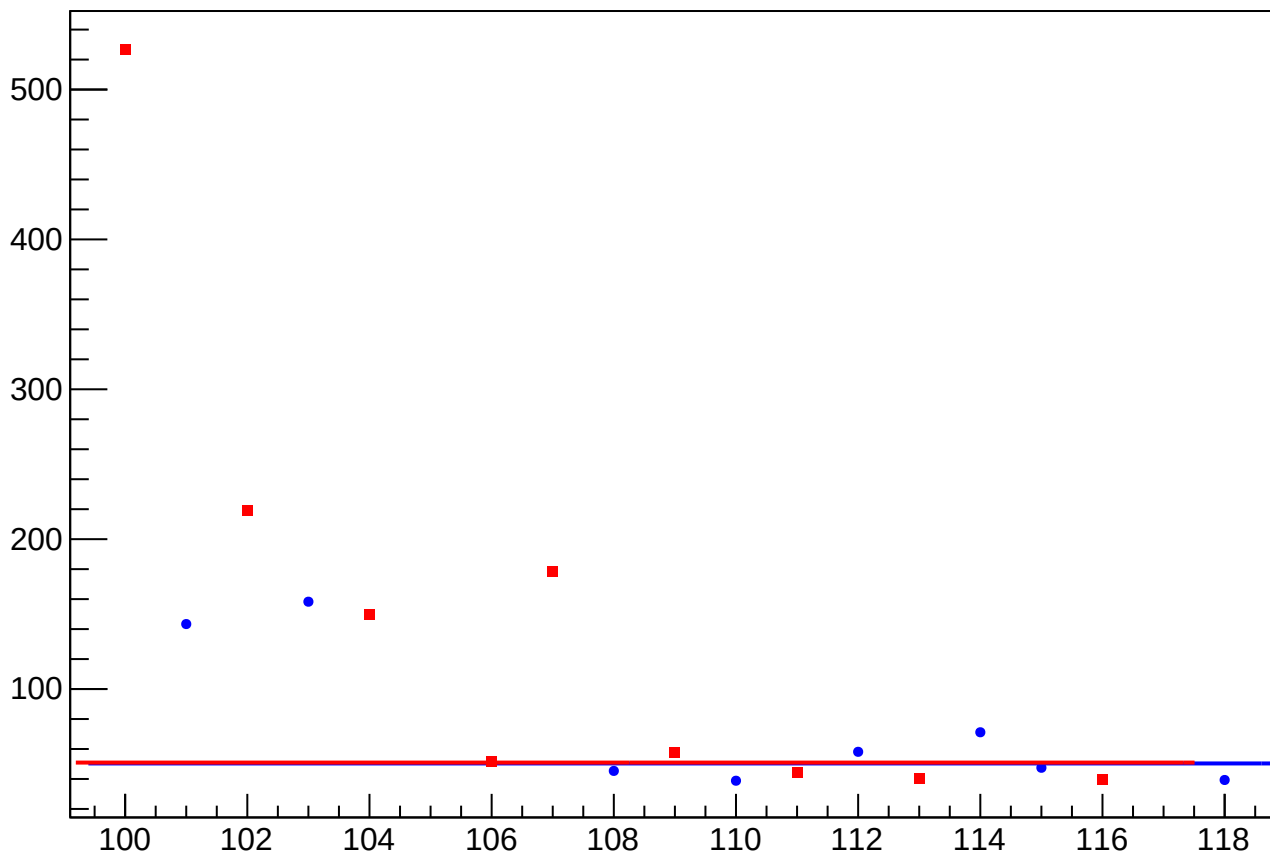
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.024 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.938+/-0.026 χ^2/NDF : 1157562.4/8

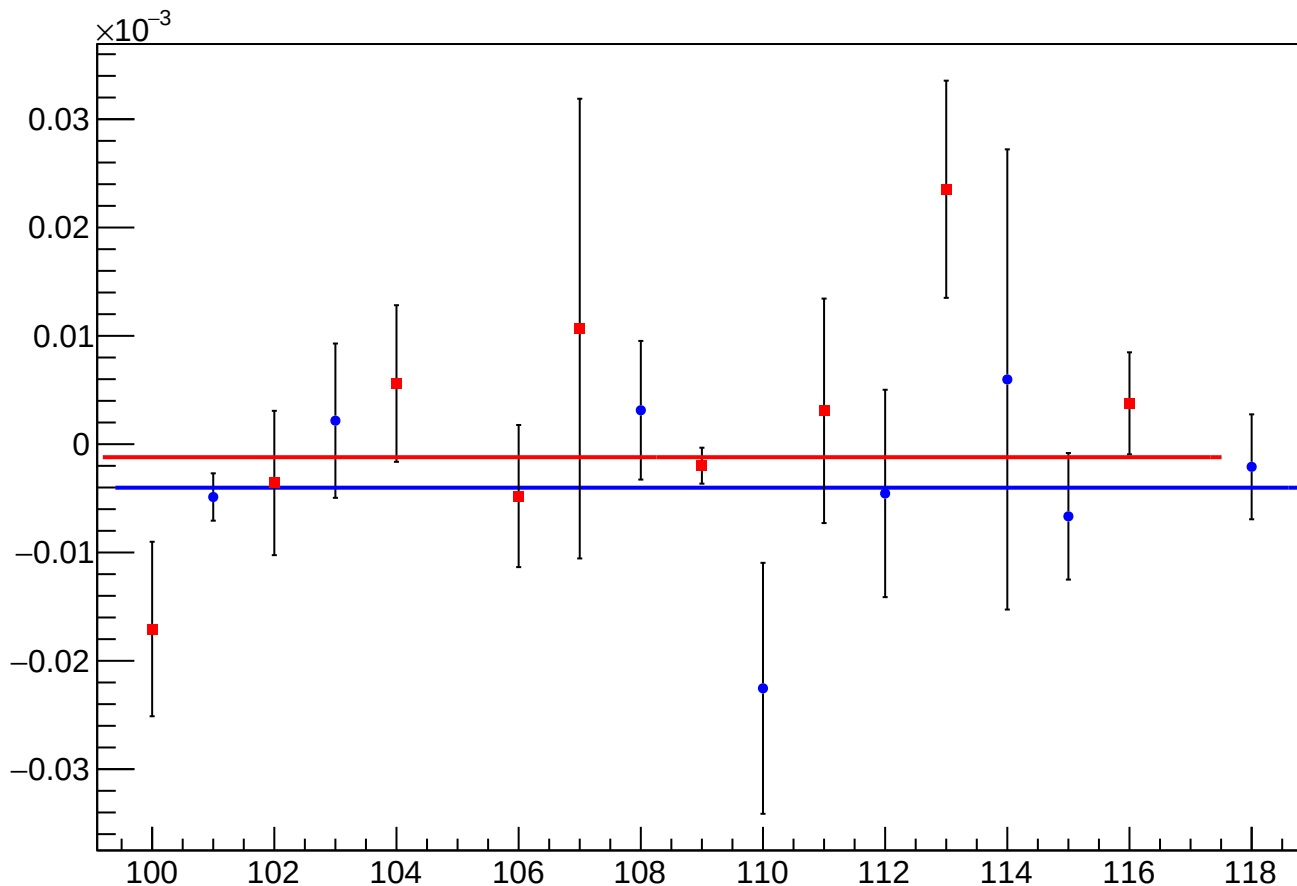
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.622+/-0.017 χ^2/NDF : 2316921.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 13.1/8

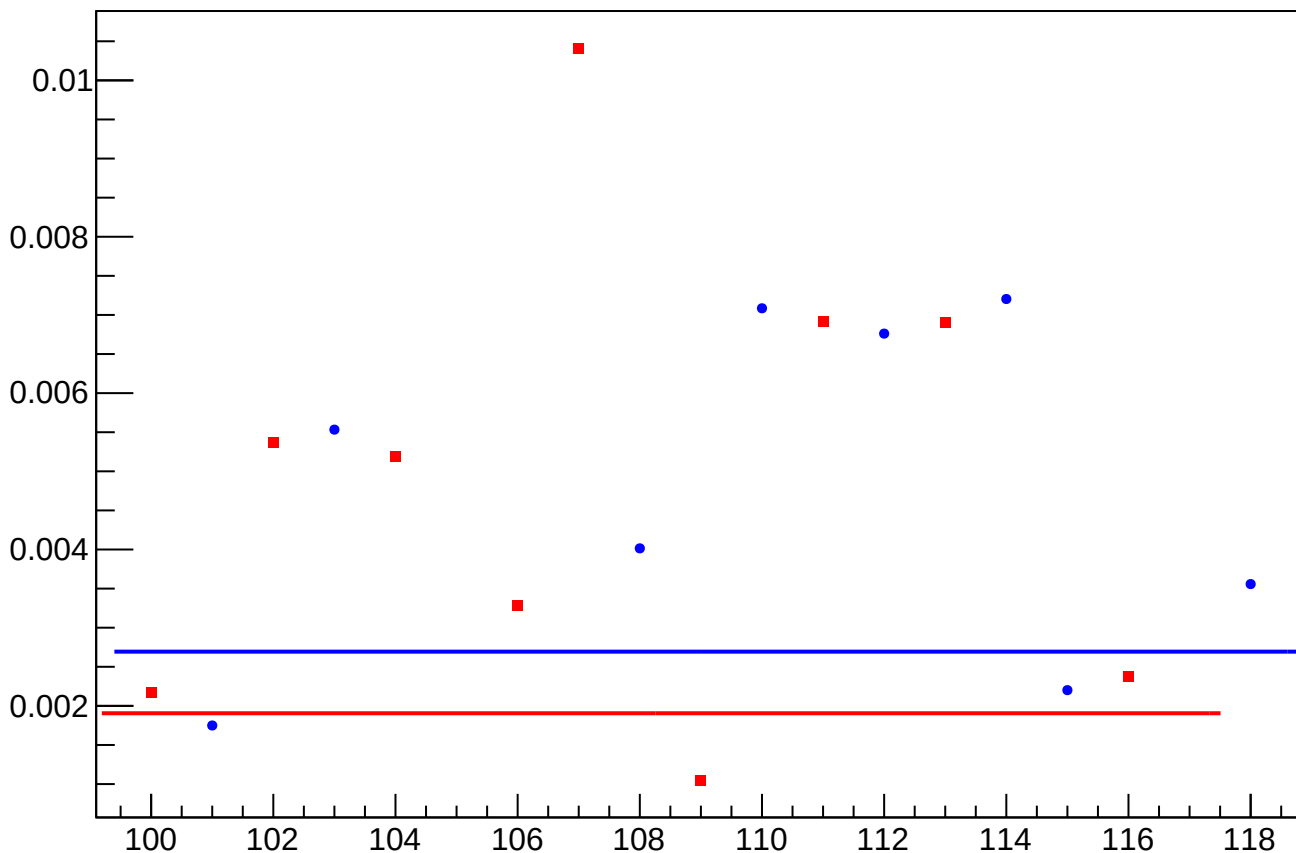
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2890993.5/8

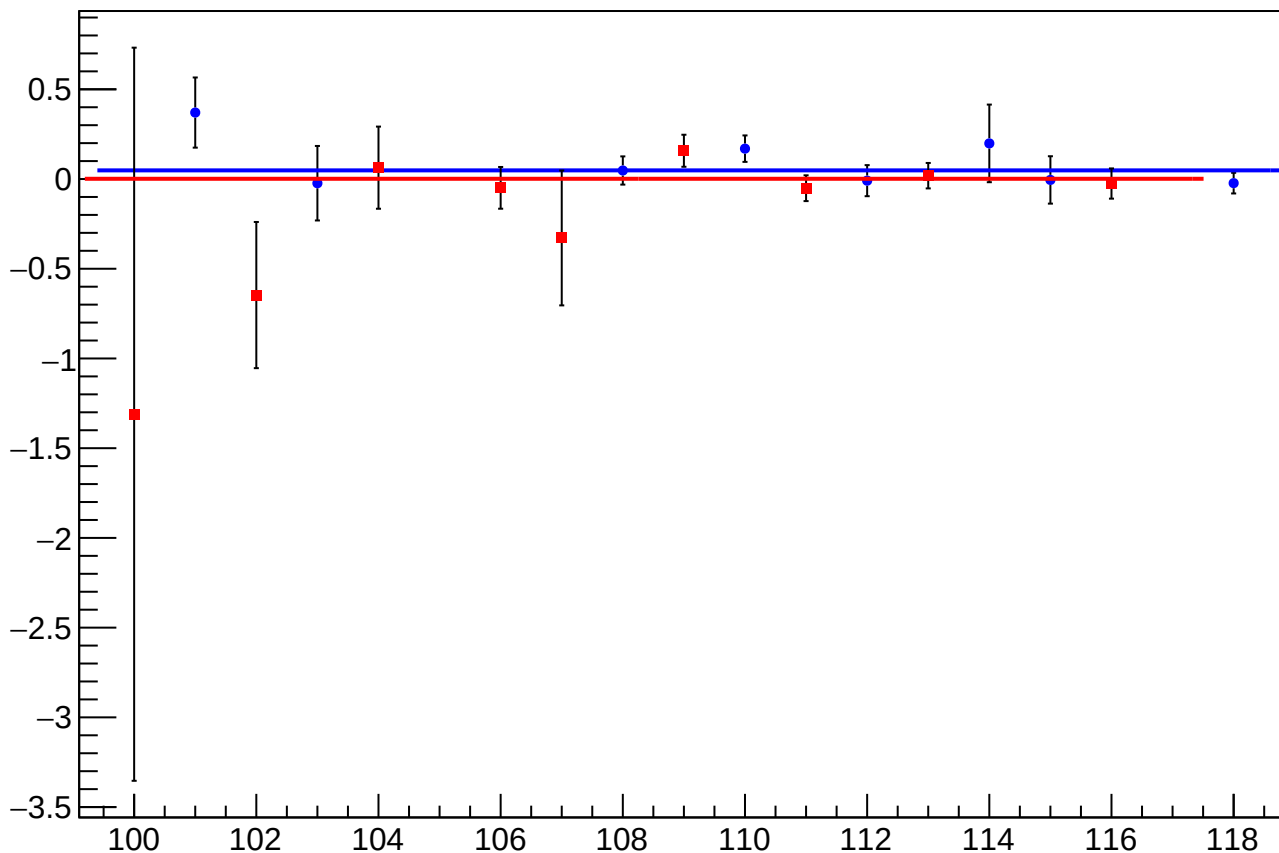
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4740121.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

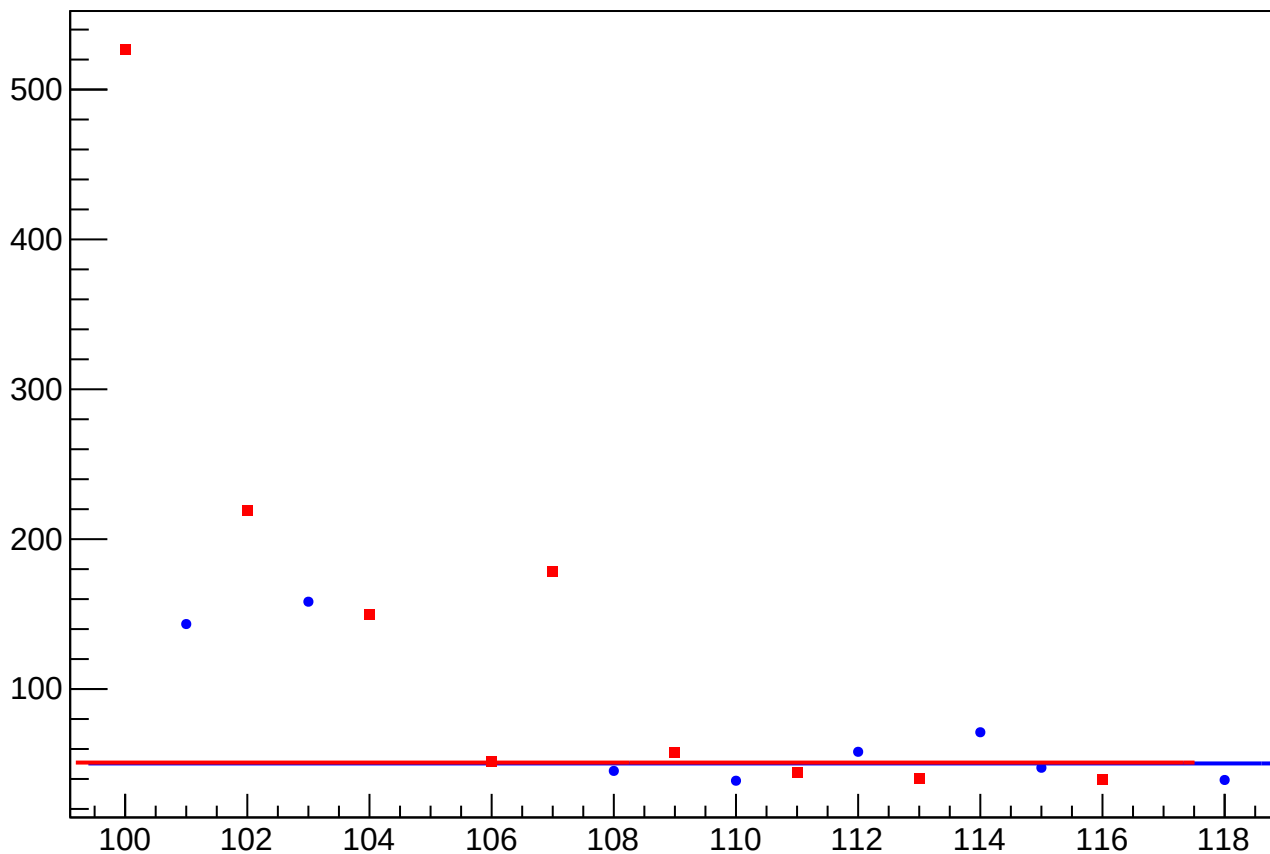
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.024 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 50.941+/-0.026 χ^2/NDF : 1157474.4/8

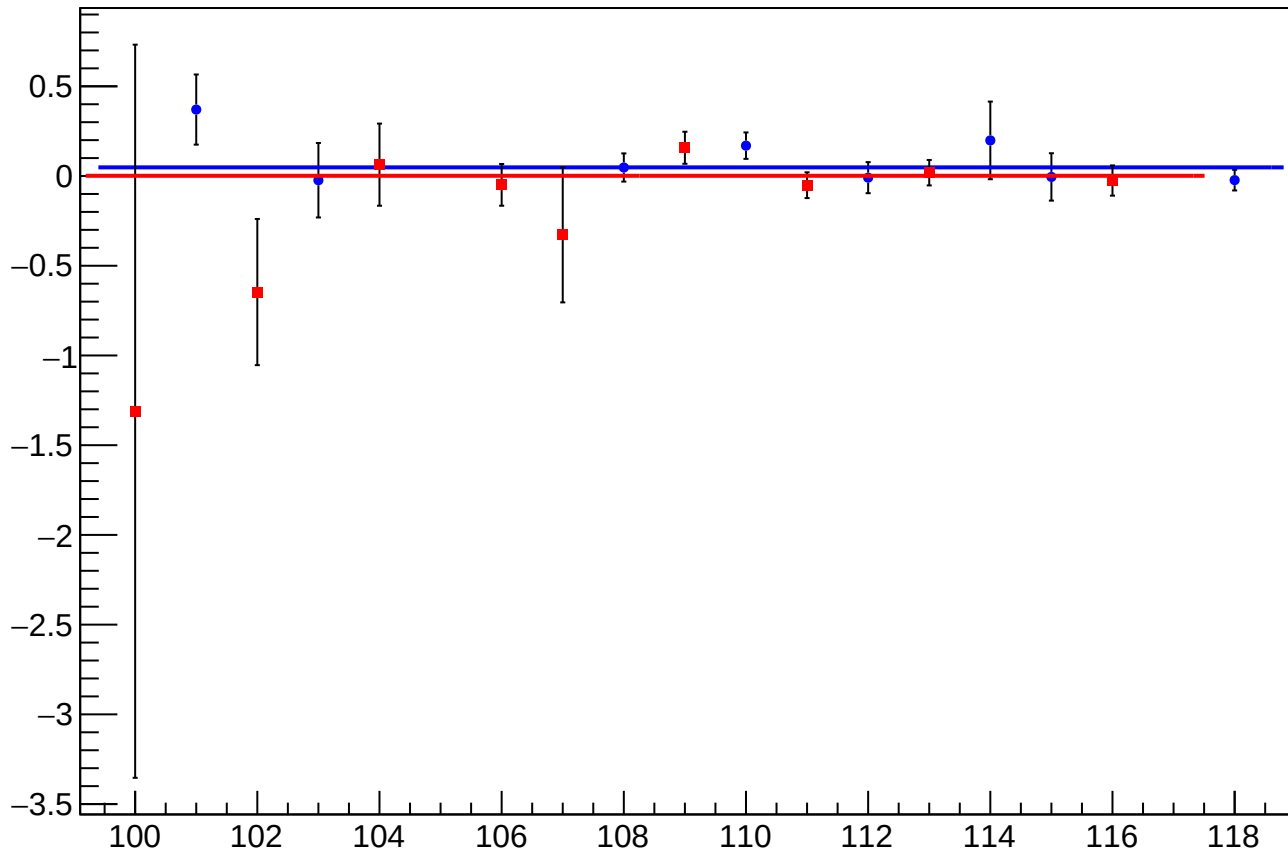
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.623+/-0.017 χ^2/NDF : 2316874.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.001 $\pm$ 0.036 χ^2 /NDF: 7.7/8

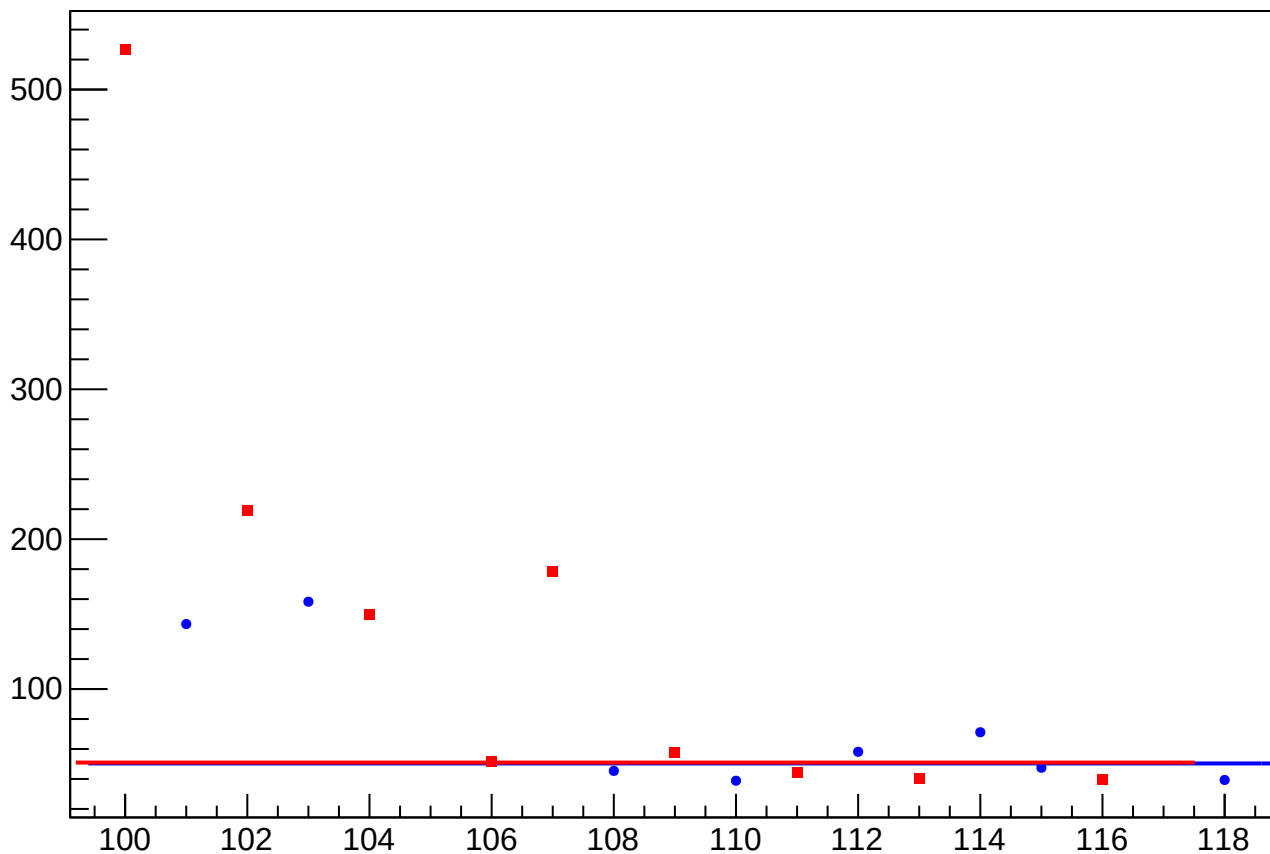
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.024 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.941+/-0.026 χ^2/NDF : 1157474.4/8

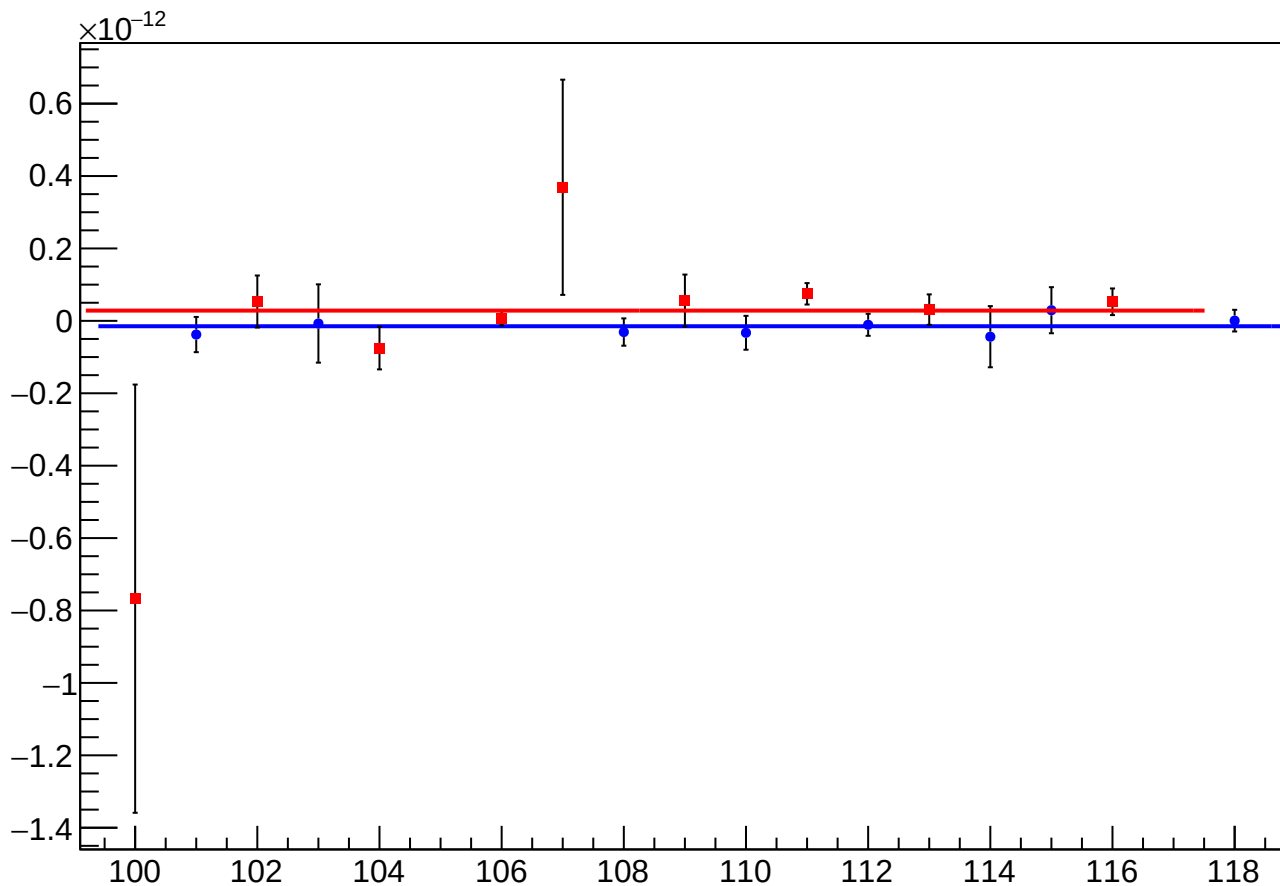
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.623+/-0.017 χ^2/NDF : 2316874.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 10.5/8

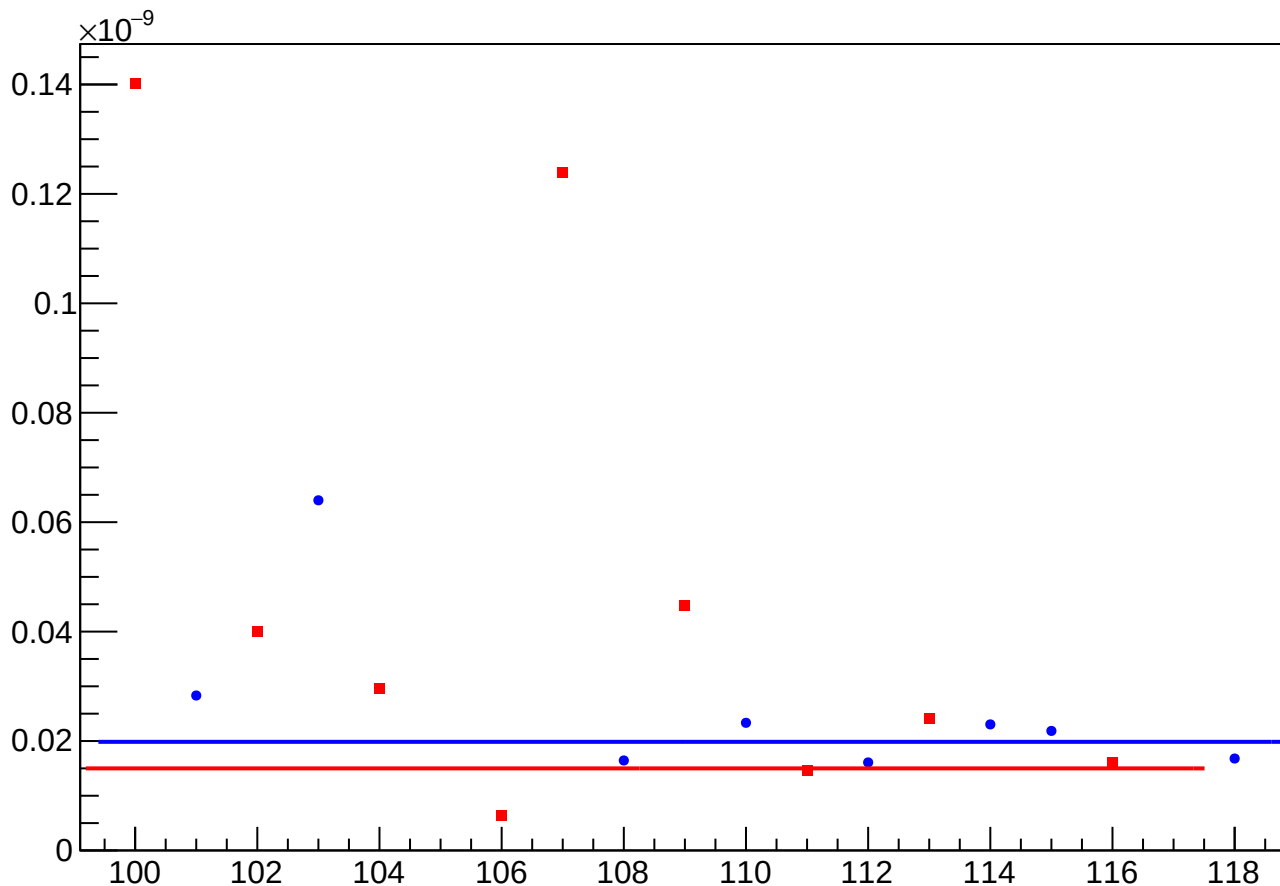
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 1544961.8/8

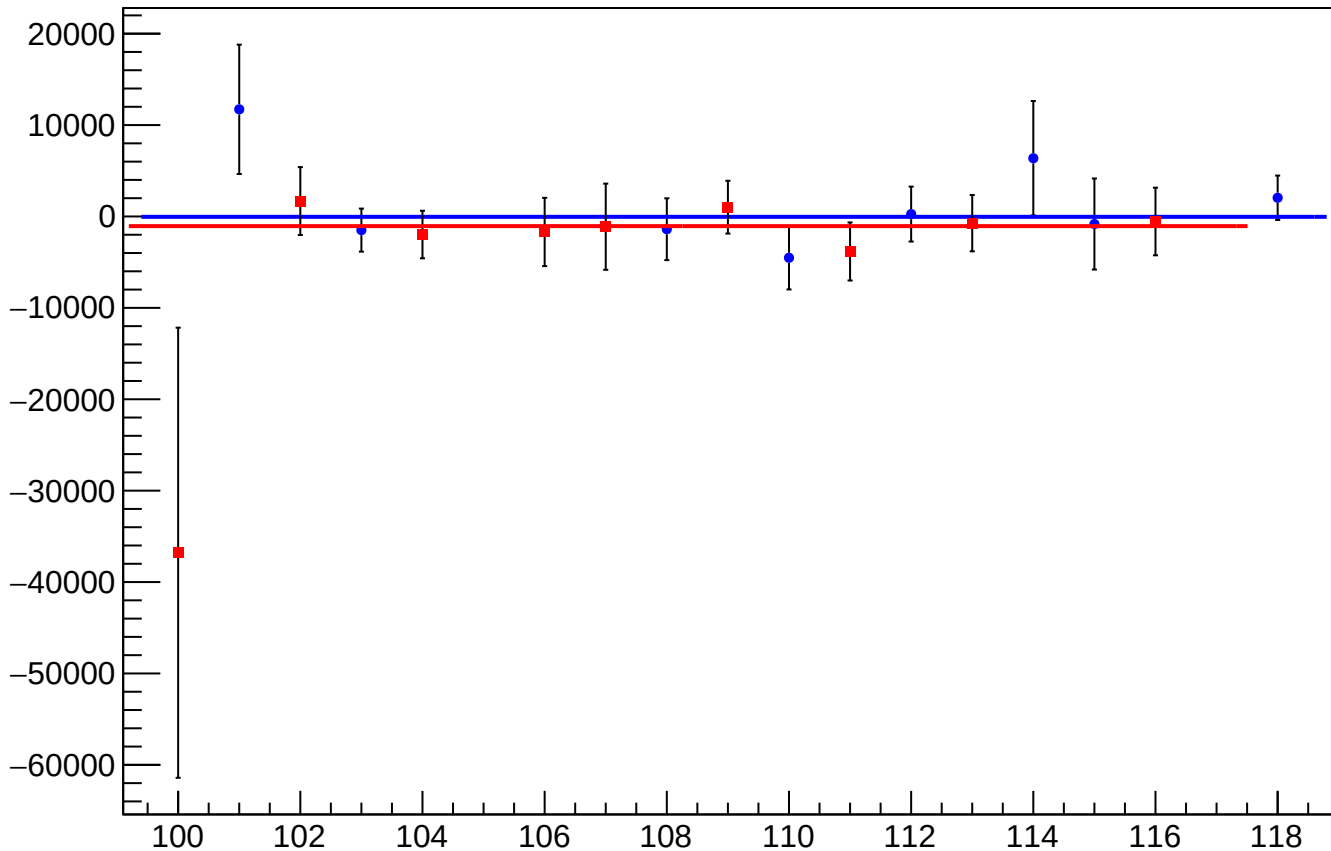
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2137043.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



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: -1056.588 ± 1165.576 χ^2/NDF : 4.1/8

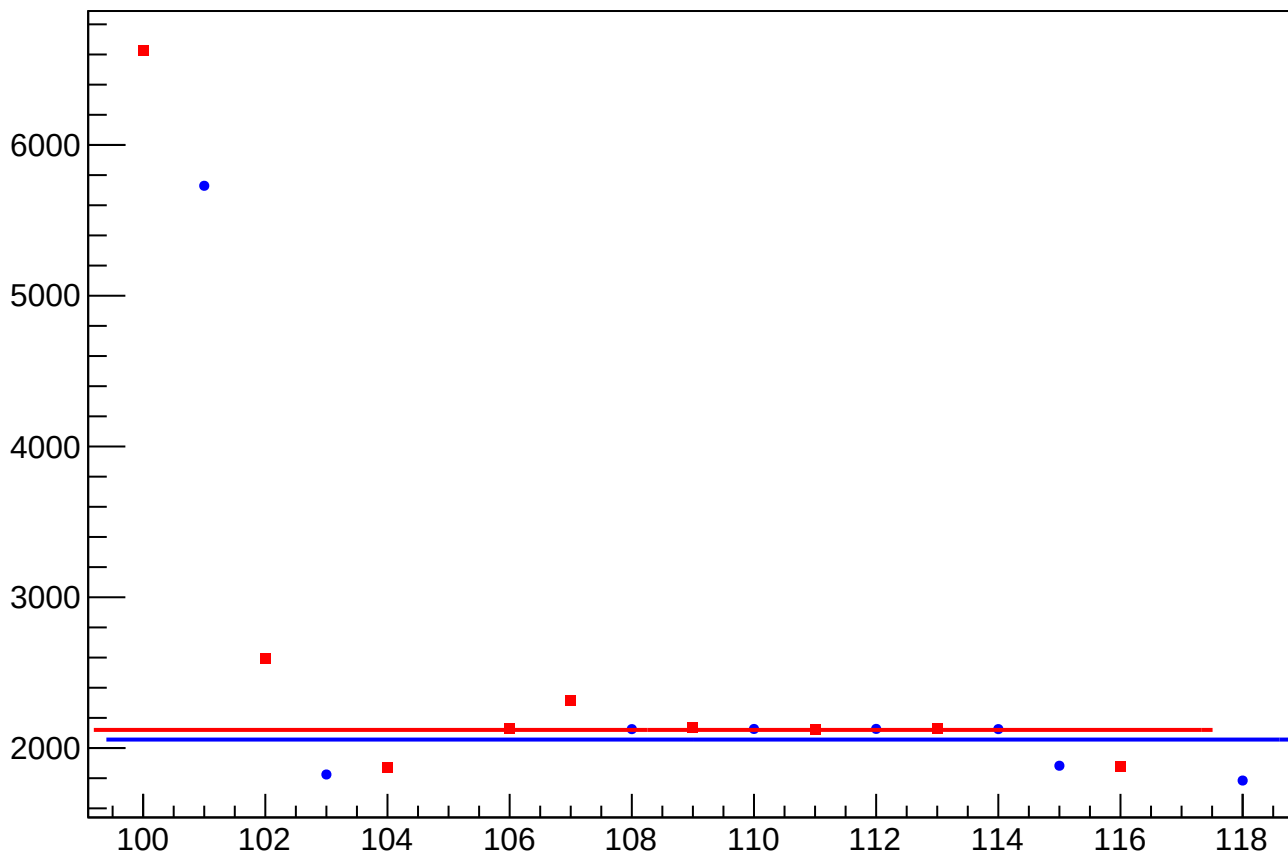
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -554.531 ± 829.483 χ^2/NDF : 11.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2056.220+/-0.835 χ^2/NDF : 588880.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

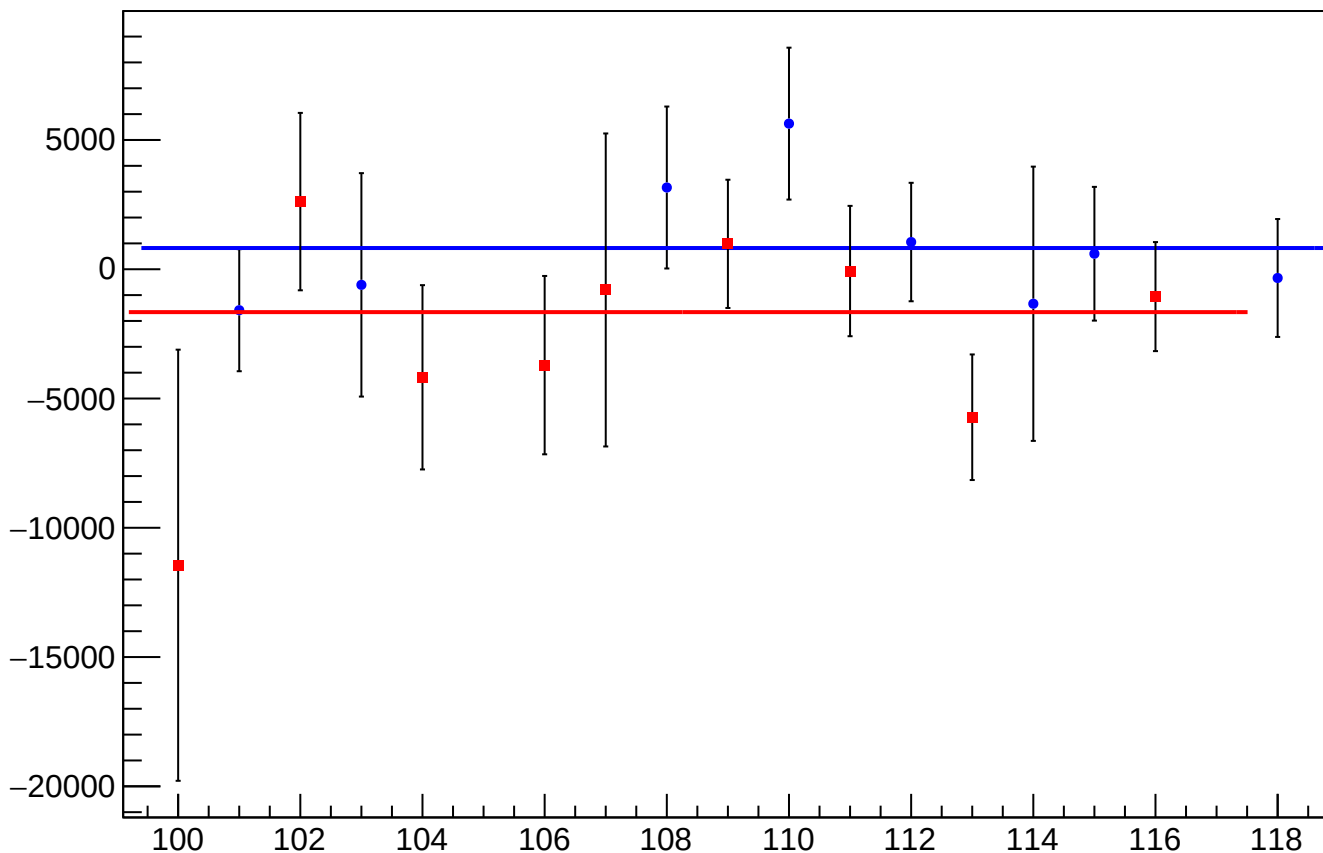
Right Out: 2120.260+/-0.824 χ^2/NDF : 129590.4/8

All: 2088.653+/-0.587 χ^2/NDF : 721450.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: 820.932 $\pm$ 990.811 χ^2/NDF : 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1658.335 $\pm$ 998.129 χ^2/NDF : 8.2/8

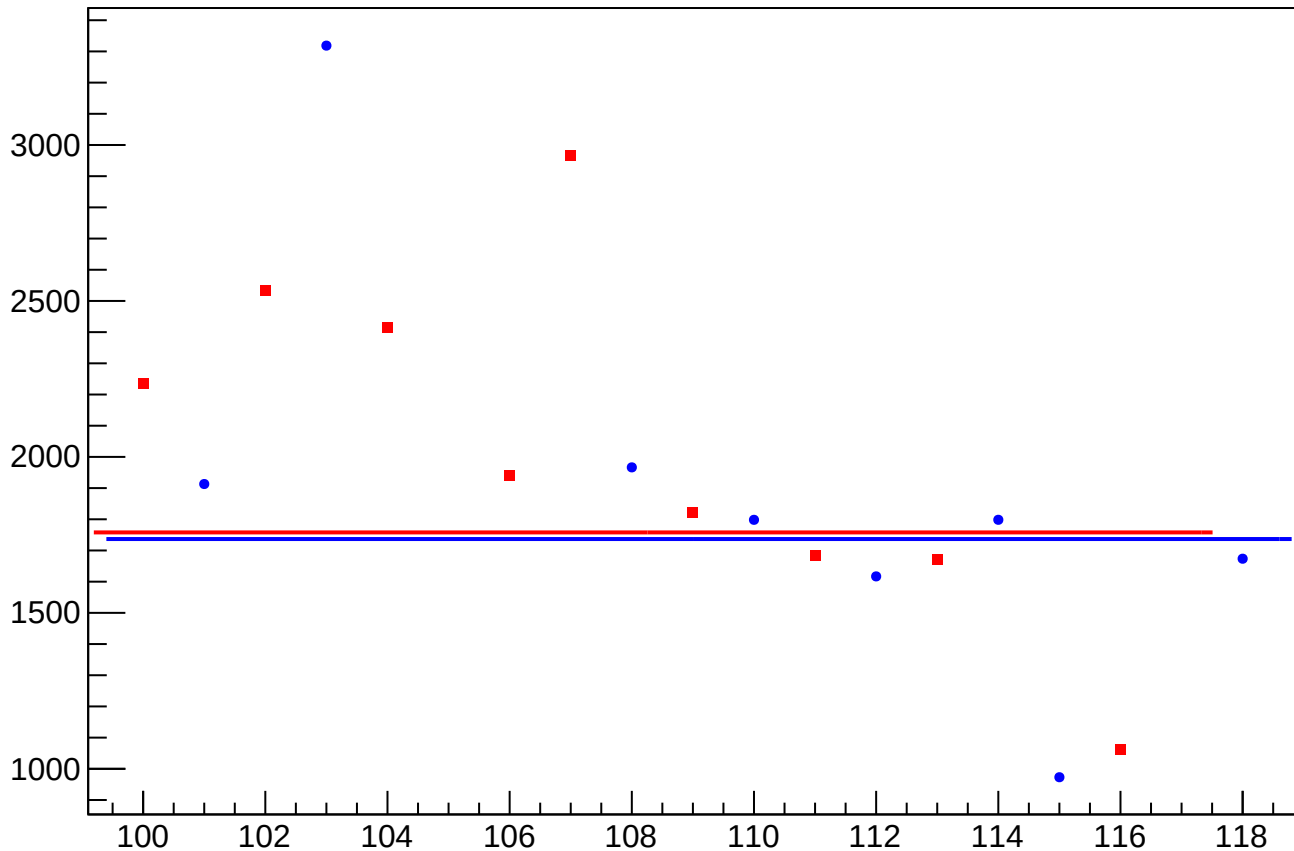
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -409.579 $\pm$ 703.182 χ^2/NDF : 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1736.690 $\pm$ 0.701 χ^2 /NDF: 472451.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1757.914 $\pm$ 0.706 χ^2 /NDF: 485203.0/8

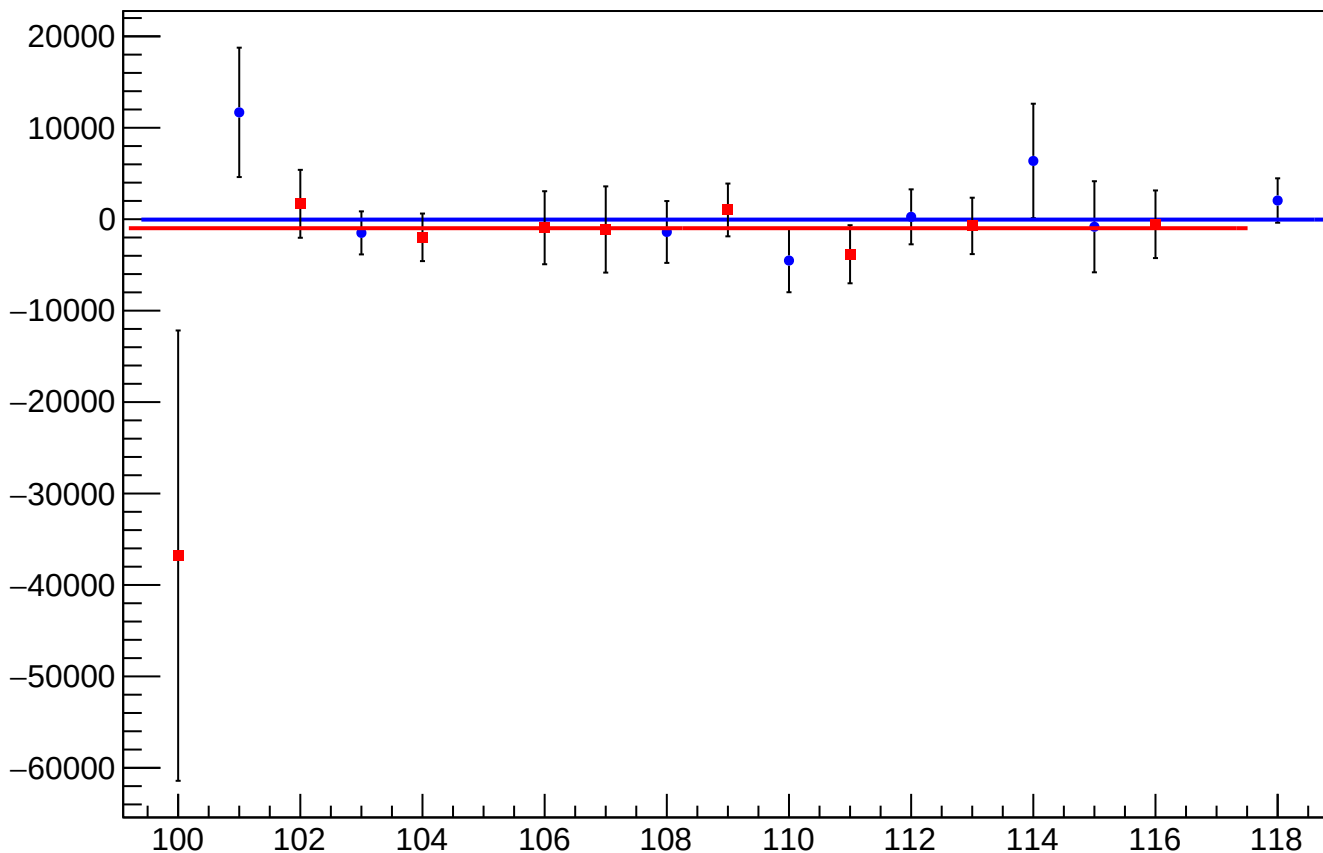
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1747.224 $\pm$ 0.497 χ^2 /NDF: 958109.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



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: -984.254 ± 1172.753 χ^2/NDF : 4.1/8

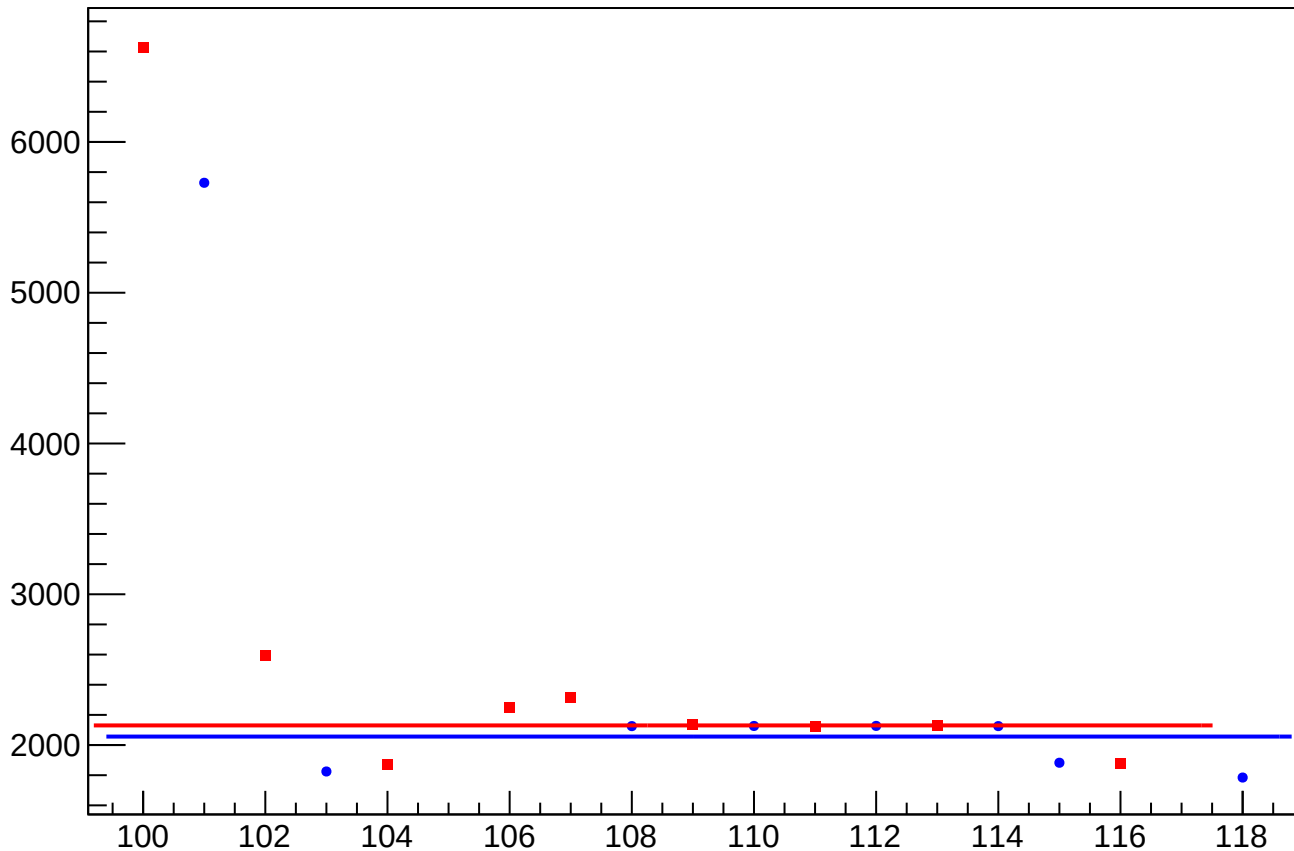
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -515.874 ± 832.058 χ^2/NDF : 11.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



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: 2130.171+/-0.829 χ^2/NDF : 131508.1/8

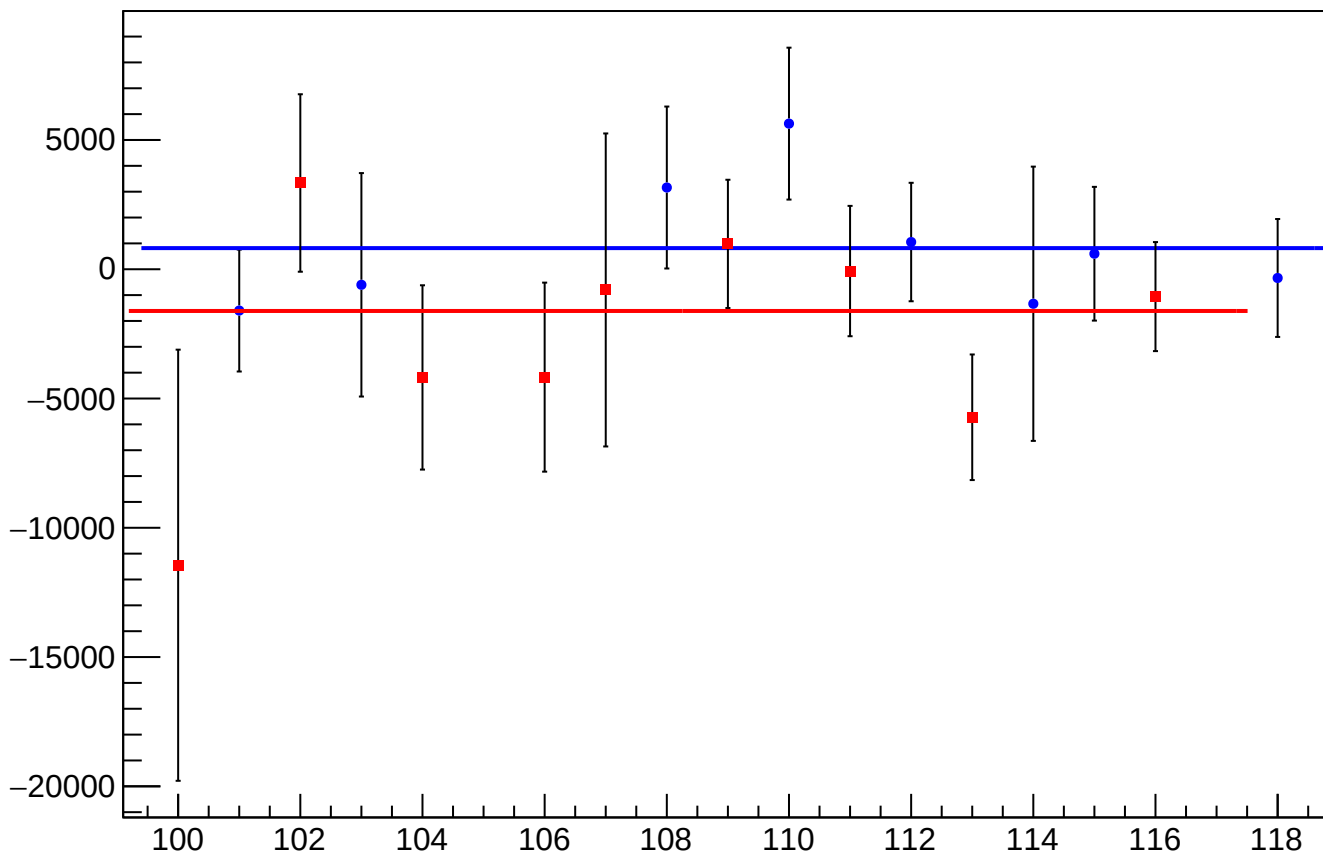
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.445+/-0.588 χ^2/NDF : 724338.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug



Right In: 817.547 $\pm$ 990.577 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1613.837 $\pm$ 1002.778 χ^2 /NDF: 8.9/8

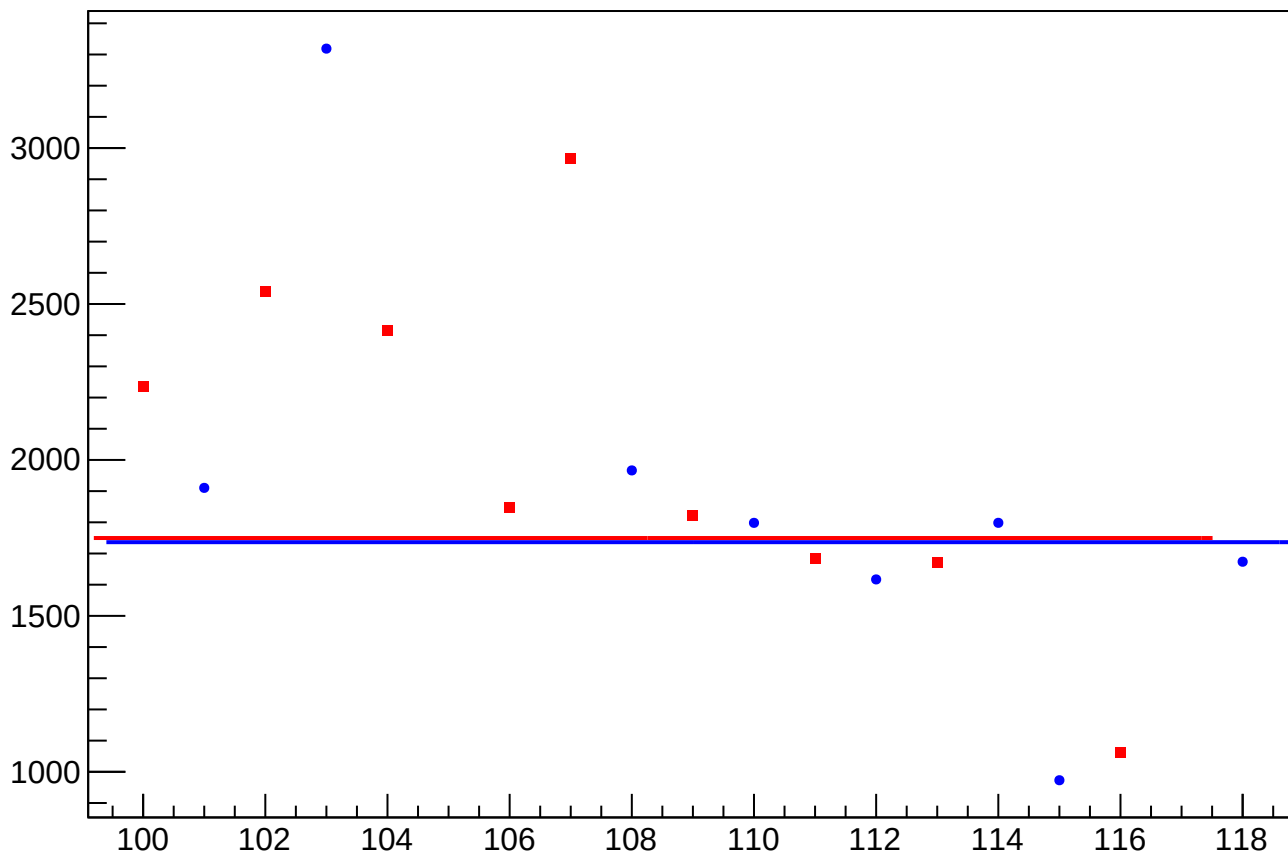
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -383.263 $\pm$ 704.718 χ^2 /NDF: 16.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



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: 1749.653+/-0.709 χ^2/NDF : 482098.8/8

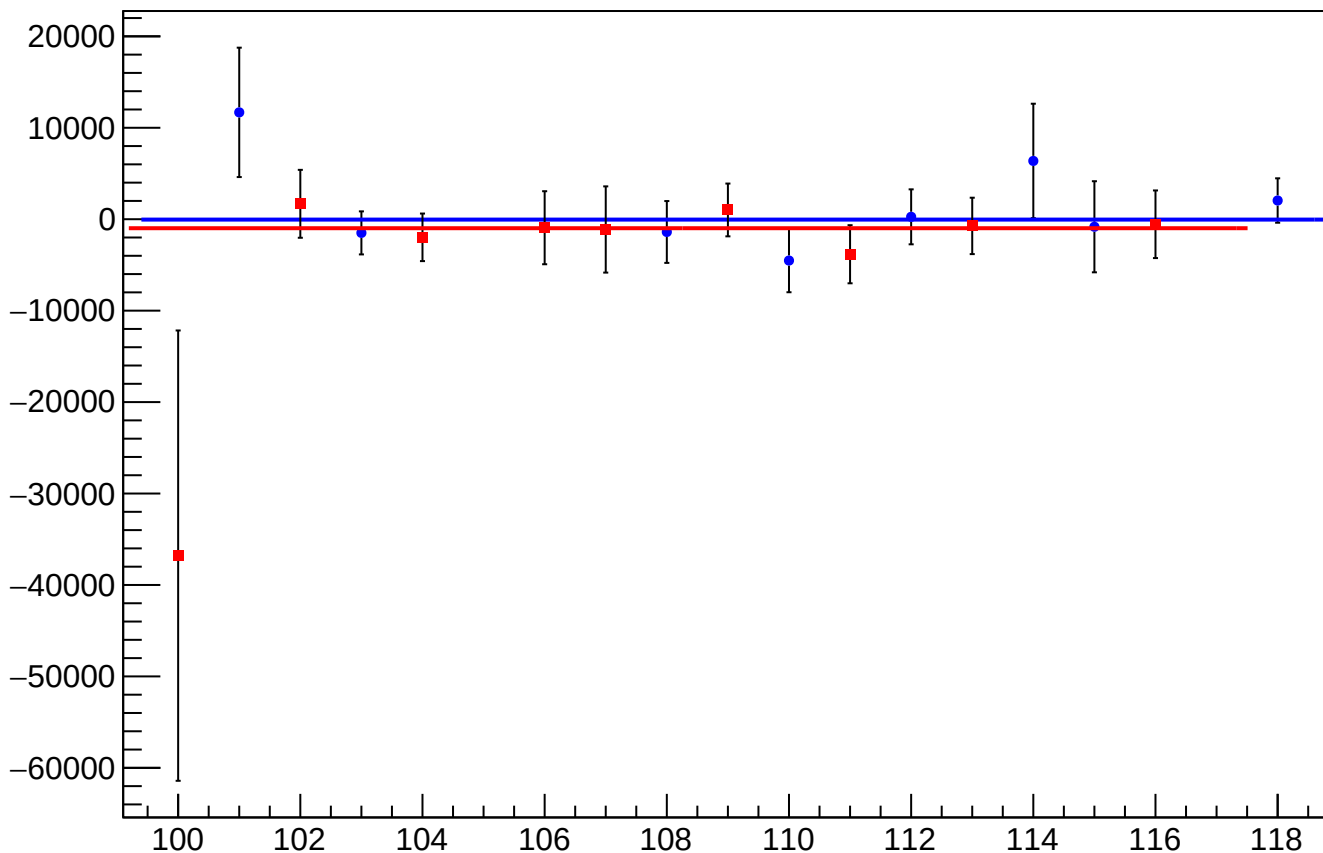
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.900+/-0.498 χ^2/NDF : 954479.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



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: -984.254 ± 1172.753 χ^2/NDF : 4.1/8

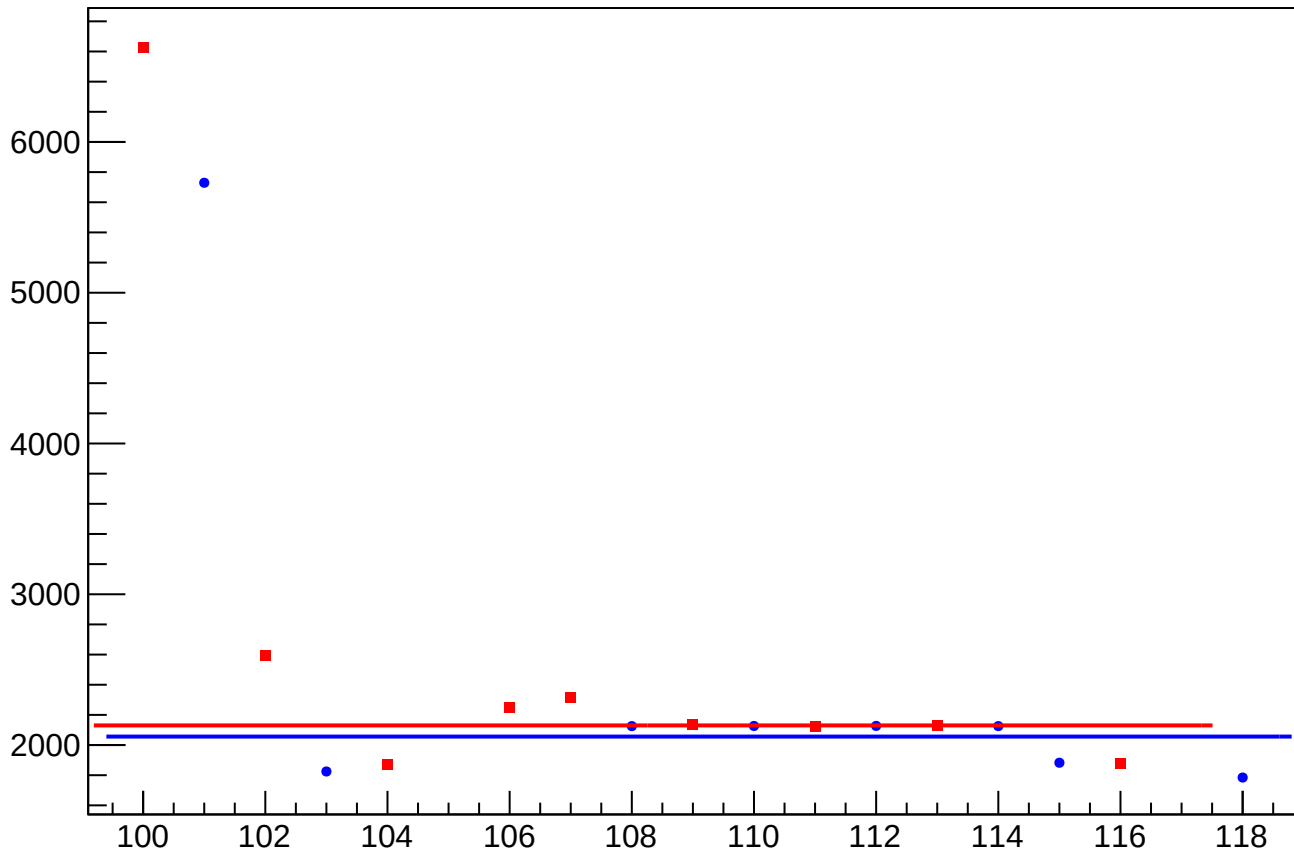
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -515.874 ± 832.058 χ^2/NDF : 11.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



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: 2130.171+/-0.829 χ^2/NDF : 131508.1/8

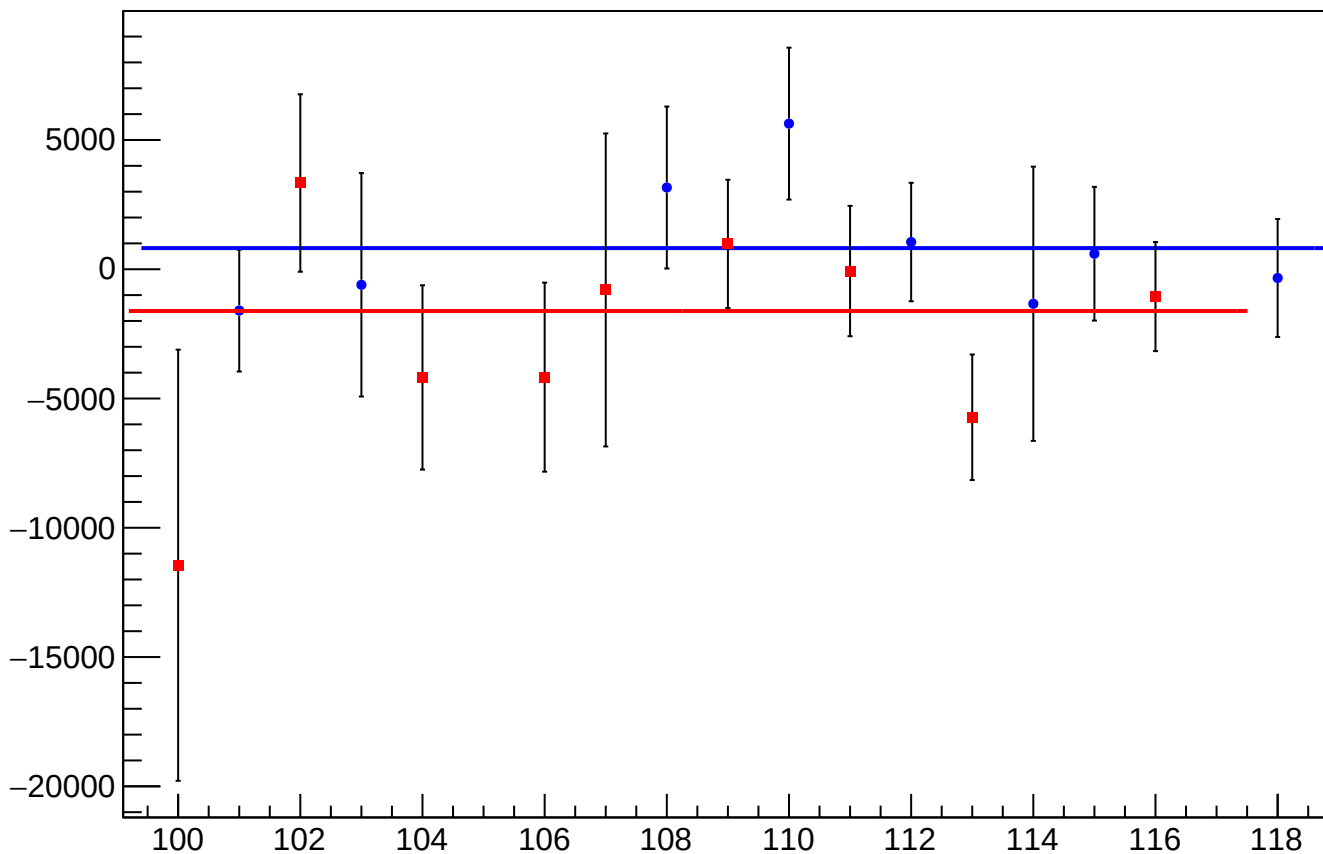
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2093.445+/-0.588 χ^2/NDF : 724338.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 817.547 $\pm$ 990.577 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1613.837 $\pm$ 1002.778 χ^2 /NDF: 8.9/8

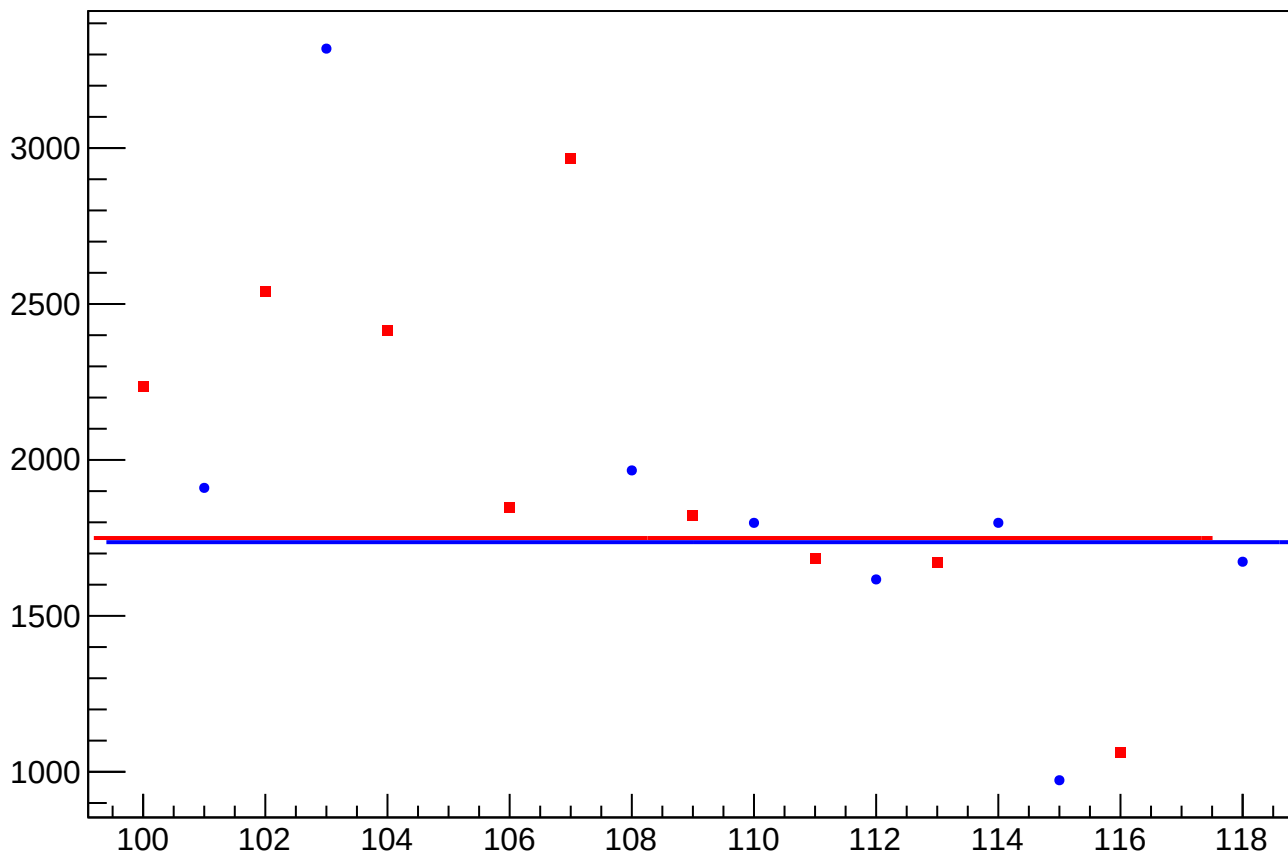
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -383.263 $\pm$ 704.718 χ^2 /NDF: 16.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug



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: 1749.653+/-0.709 χ^2/NDF : 482098.8/8

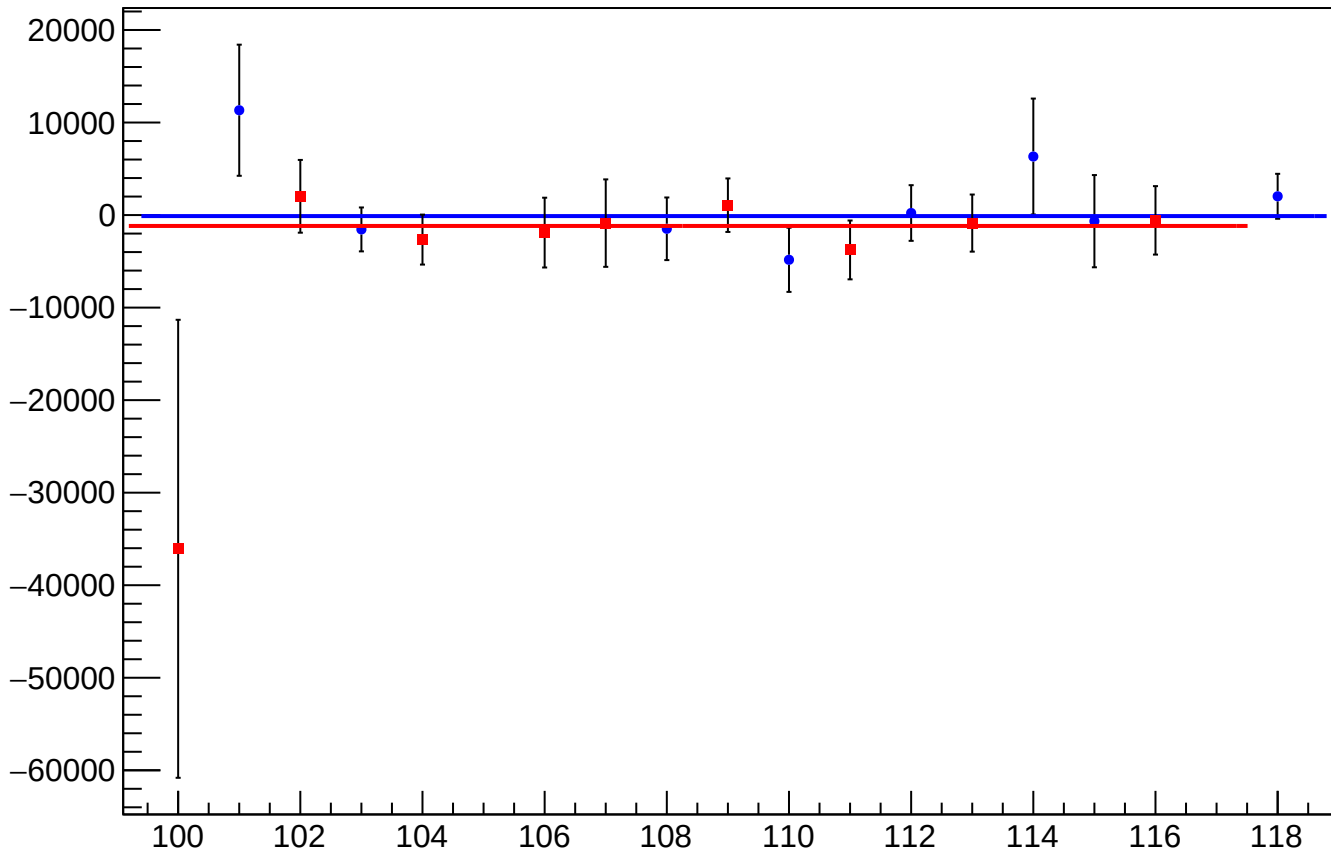
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.900+/-0.498 χ^2/NDF : 954479.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



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: -1176.589 ± 1182.427 χ^2/NDF : 4.3/8

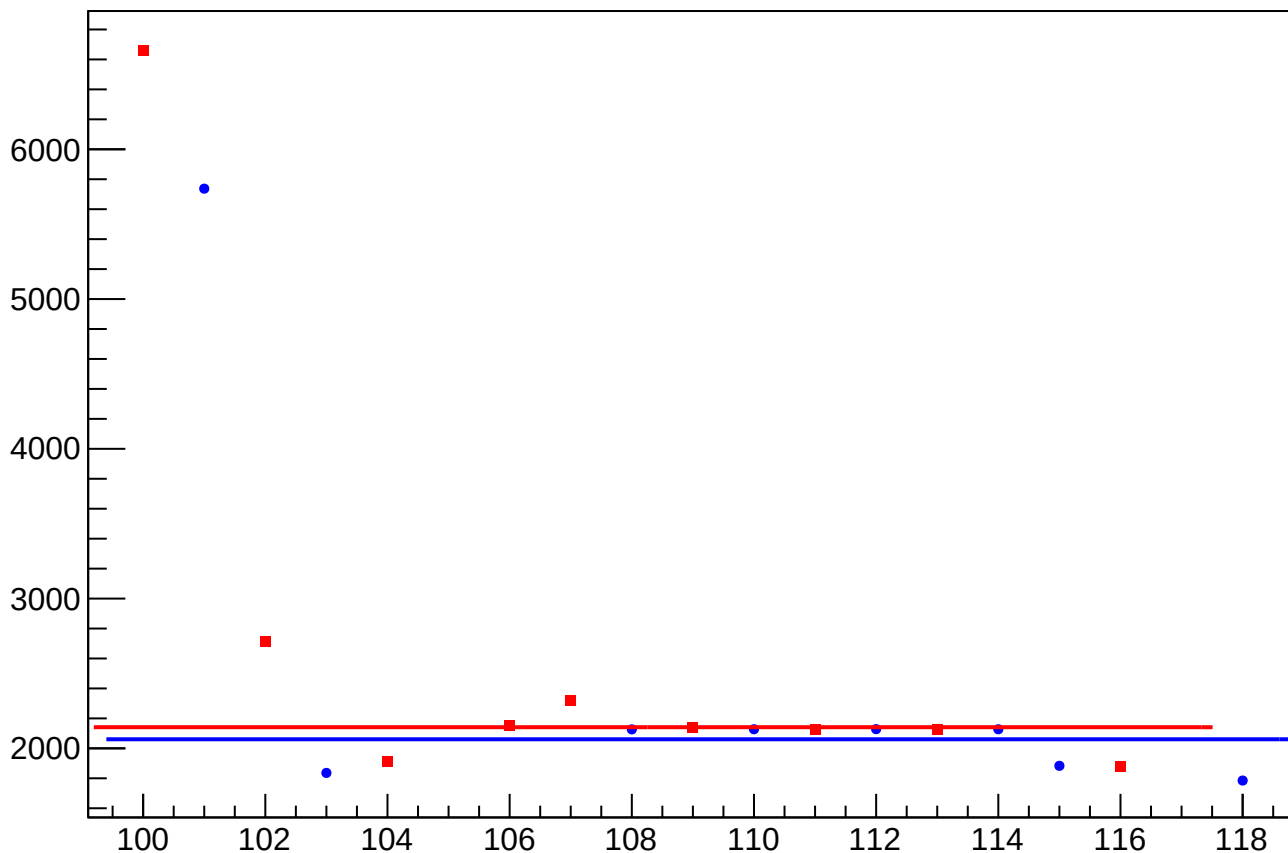
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -643.560 ± 836.479 χ^2/NDF : 11.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2060.607 $\pm$ 0.837 χ^2 /NDF: 587516.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2141.119 $\pm$ 0.836 χ^2 /NDF: 135790.4/8

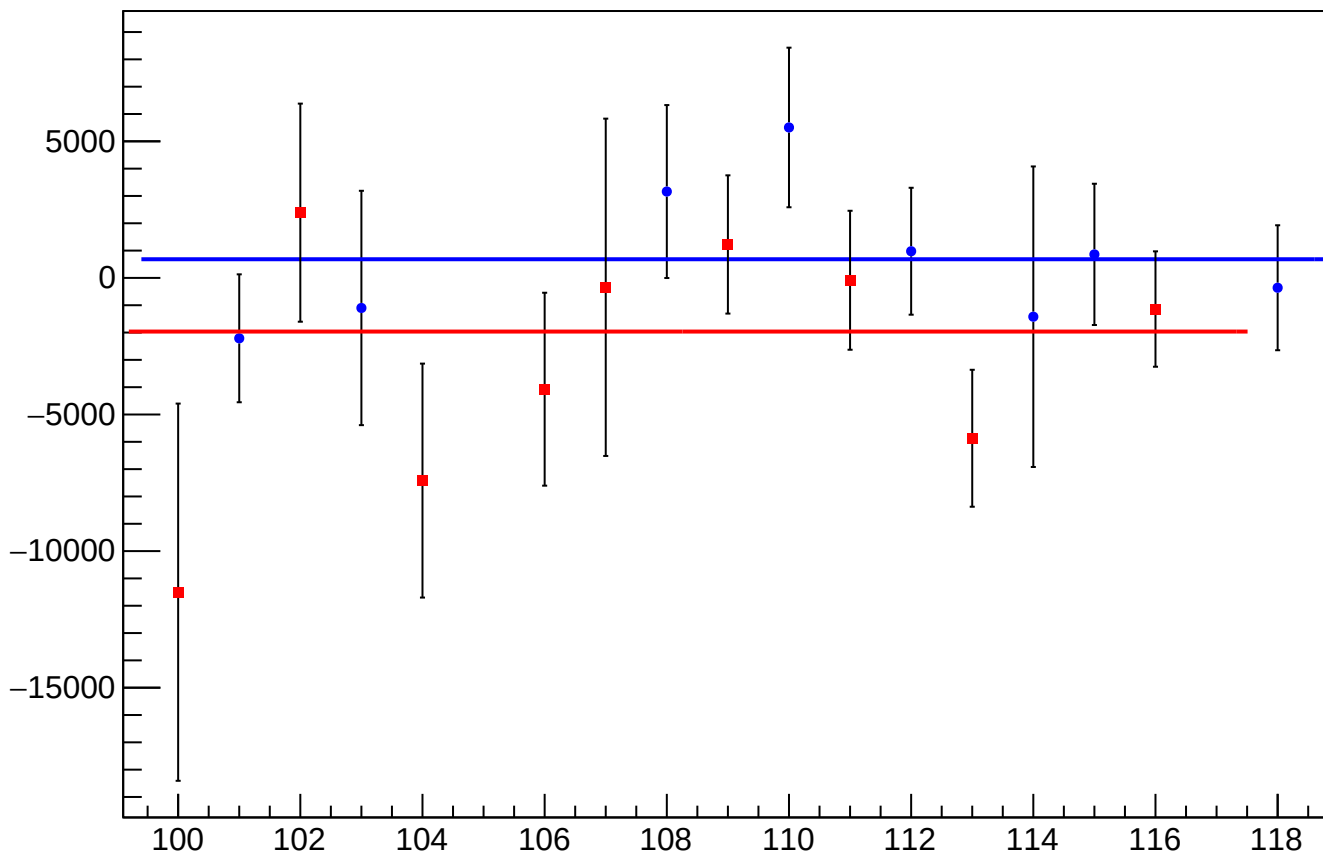
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2100.900 $\pm$ 0.591 χ^2 /NDF: 727938.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: 683.262 $\pm$ 993.598 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1963.745 $\pm$ 1032.055 χ^2 /NDF: 9.9/8

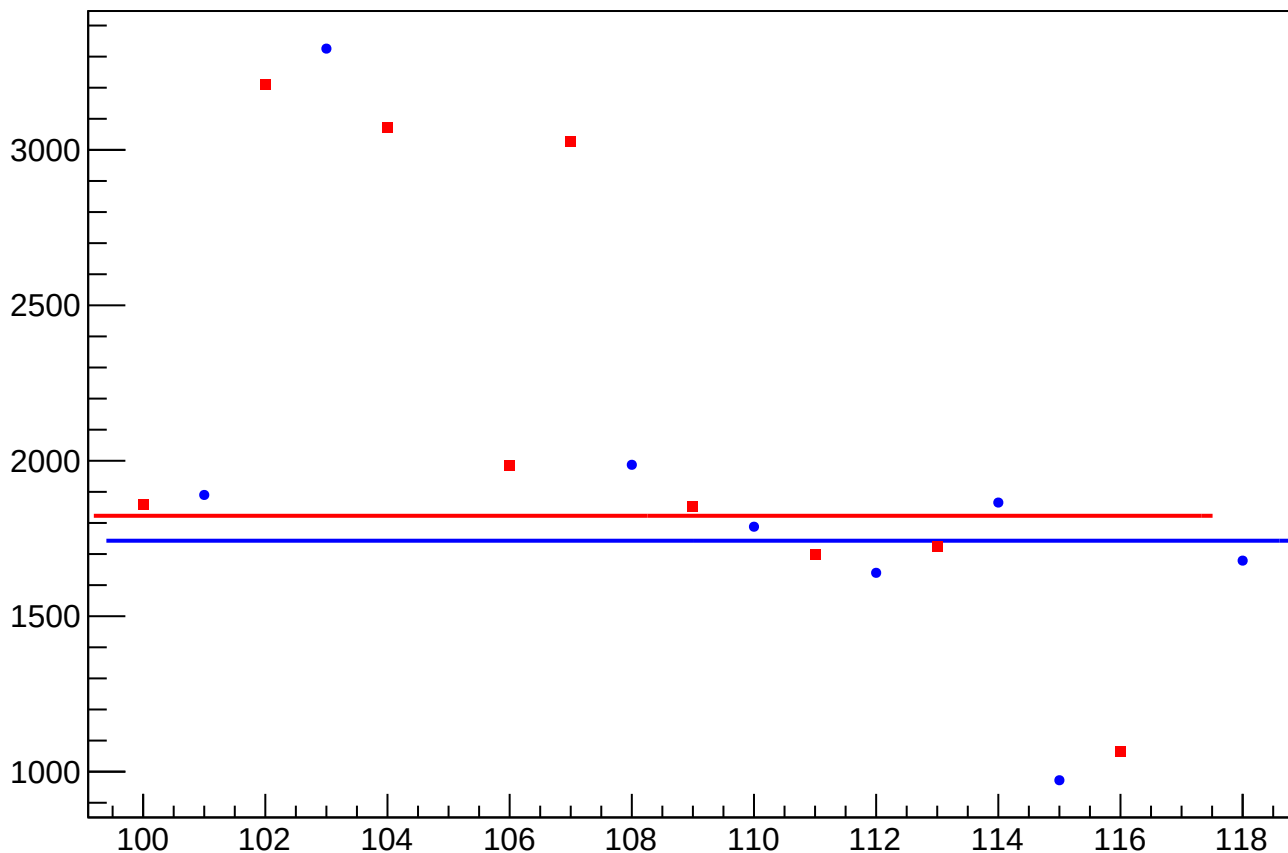
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -590.005 $\pm$ 715.790 χ^2 /NDF: 18.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



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: 1823.060+/-0.730 χ^2/NDF : 757920.8/8

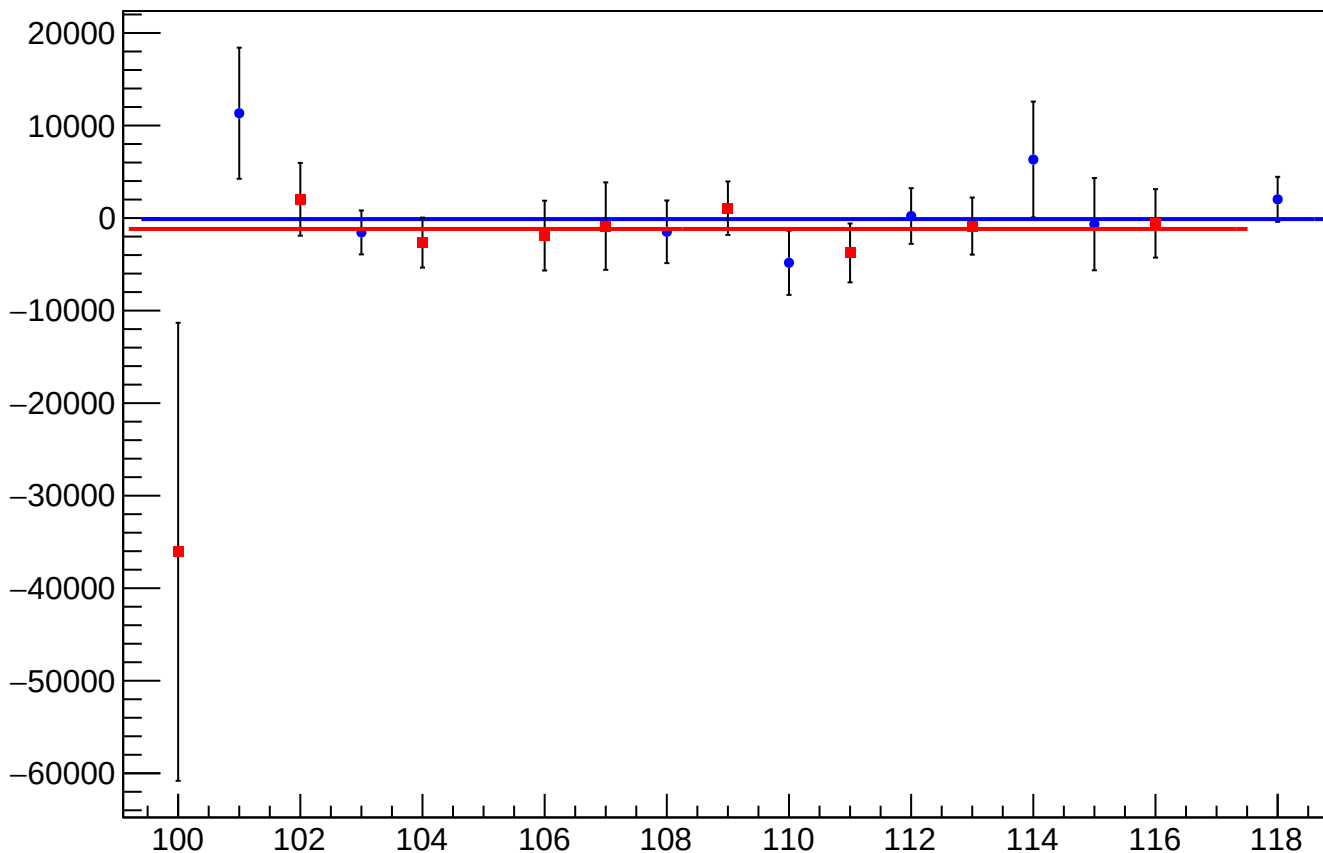
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.436+/-0.506 χ^2/NDF : 1240971.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -109.570 $\pm$ 1183.493 χ^2 /NDF: 6.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1176.588 $\pm$ 1182.427 χ^2 /NDF: 4.3/8

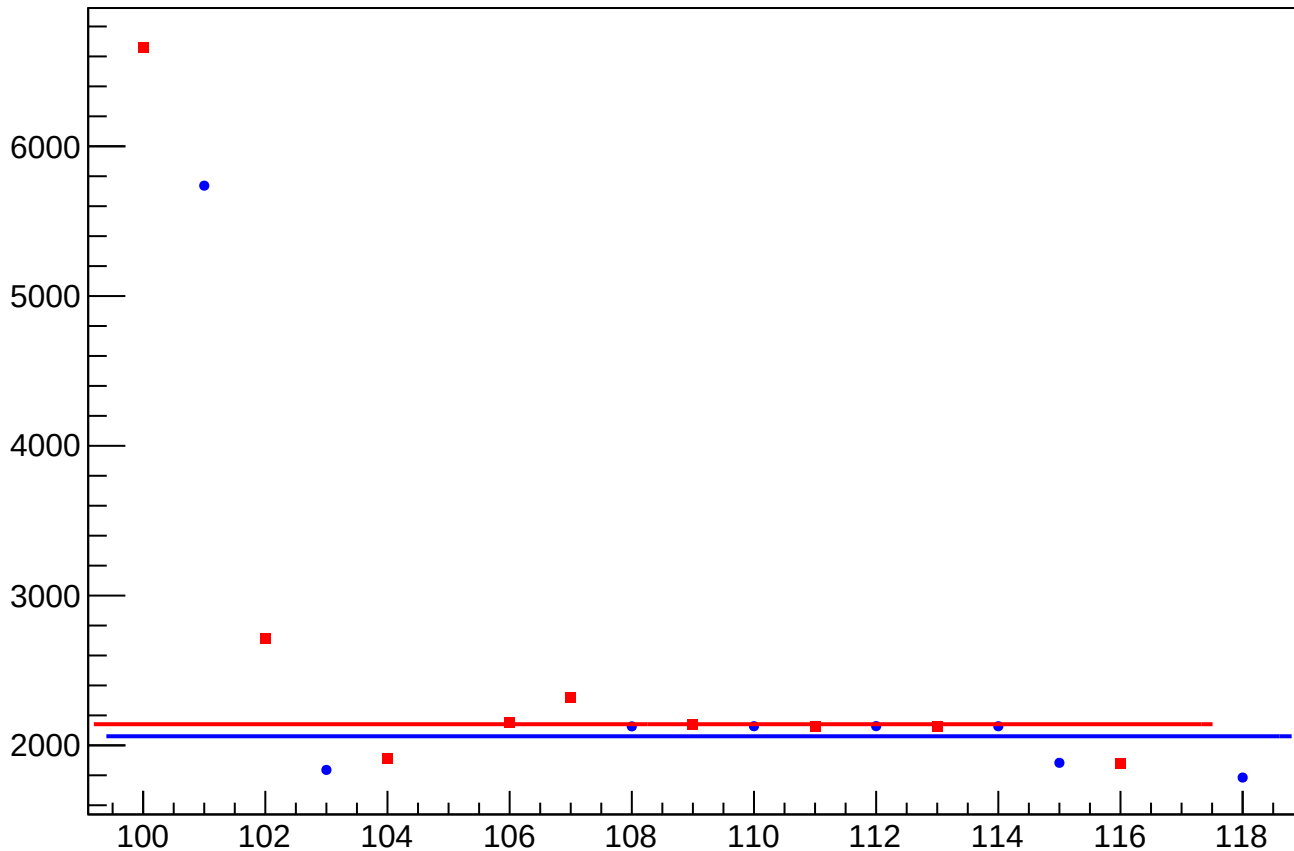
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -643.560 $\pm$ 836.479 χ^2 /NDF: 11.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2060.607 $\pm$ 0.837 χ^2 /NDF: 587516.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2141.119 $\pm$ 0.836 χ^2 /NDF: 135790.4/8

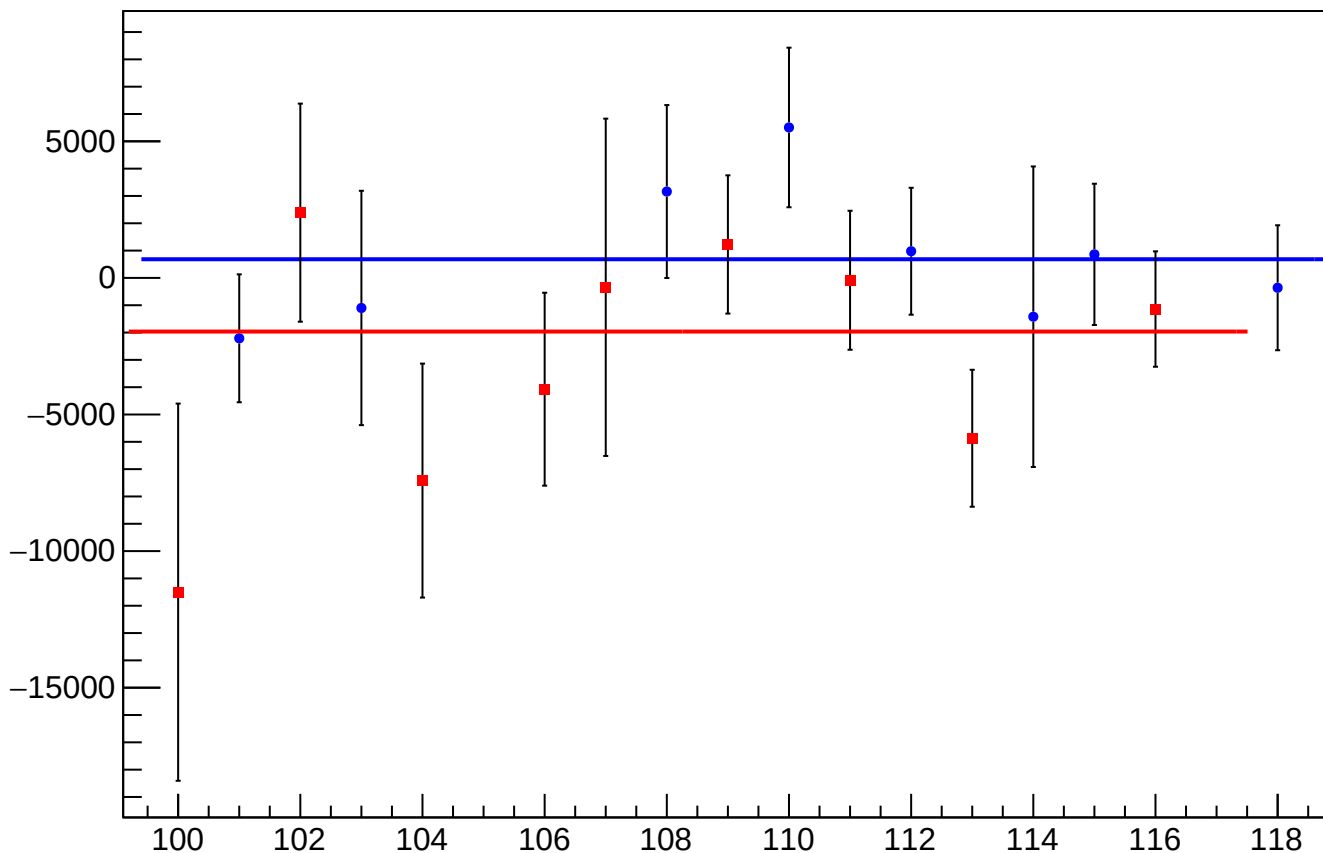
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2100.899 $\pm$ 0.591 χ^2 /NDF: 727938.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



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: -1963.739+/-1032.054 χ^2/NDF : 9.9/8

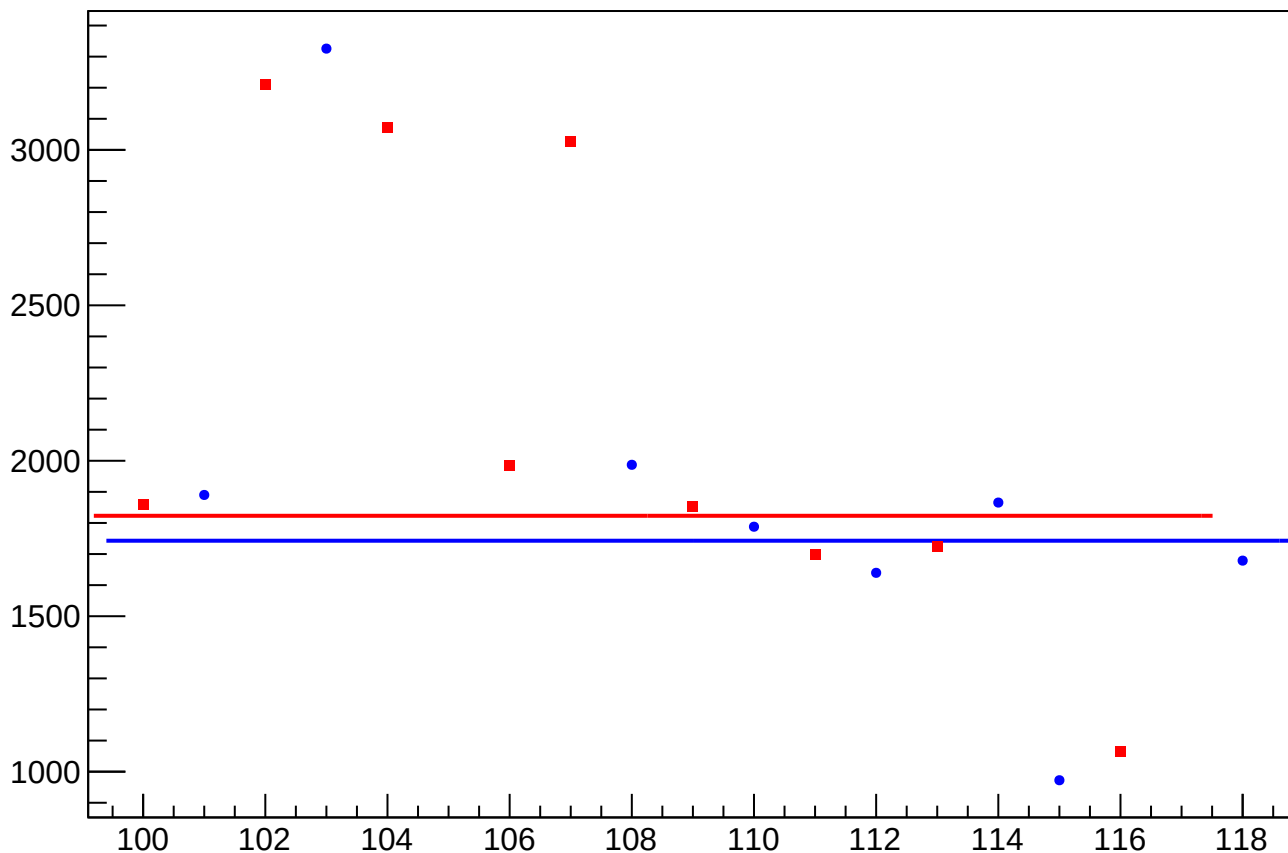
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -590.002+/-715.788 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



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: 1823.056+/-0.730 χ^2/NDF : 757928.3/8

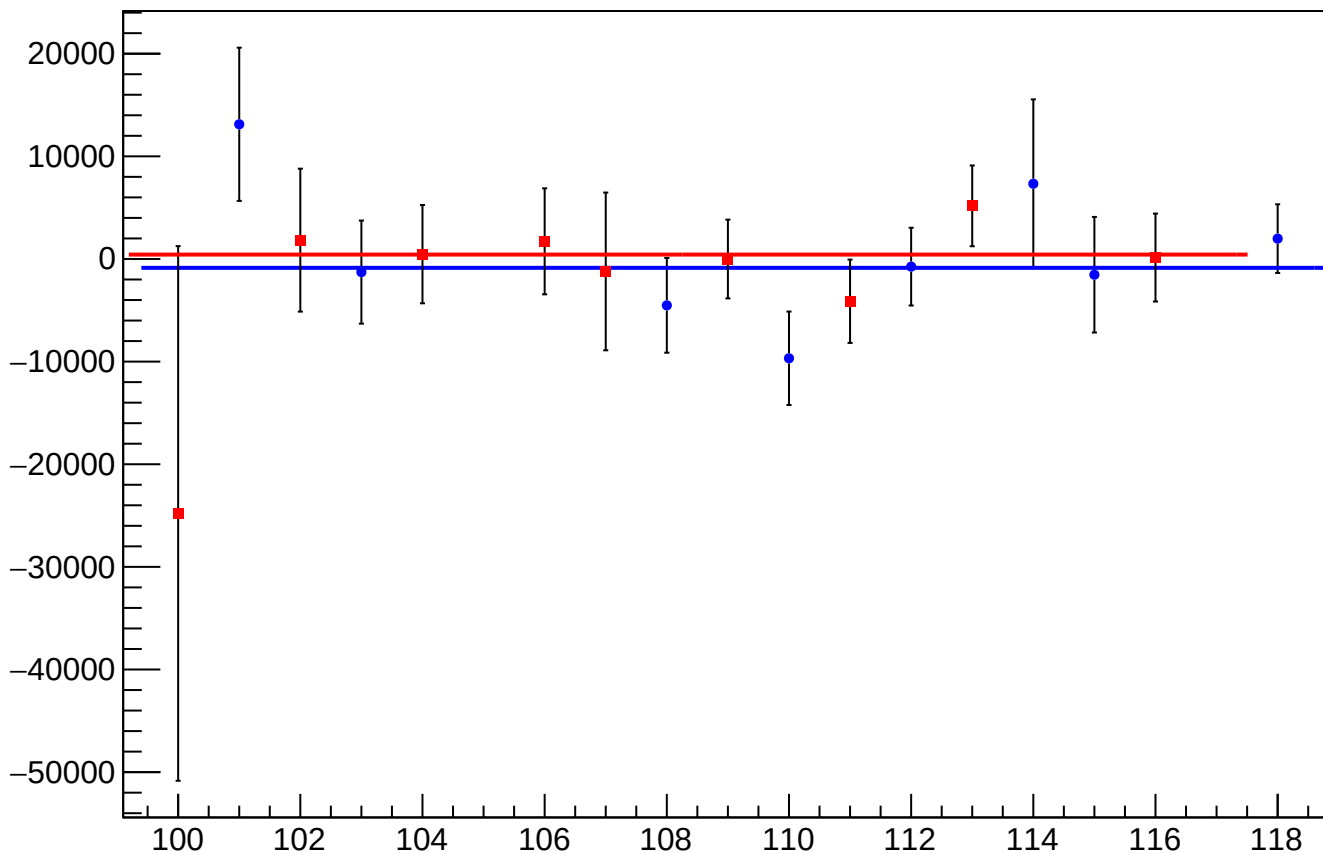
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1781.431+/-0.506 χ^2/NDF : 1240982.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



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: 427.508+/-1648.940 χ^2/NDF : 3.8/8

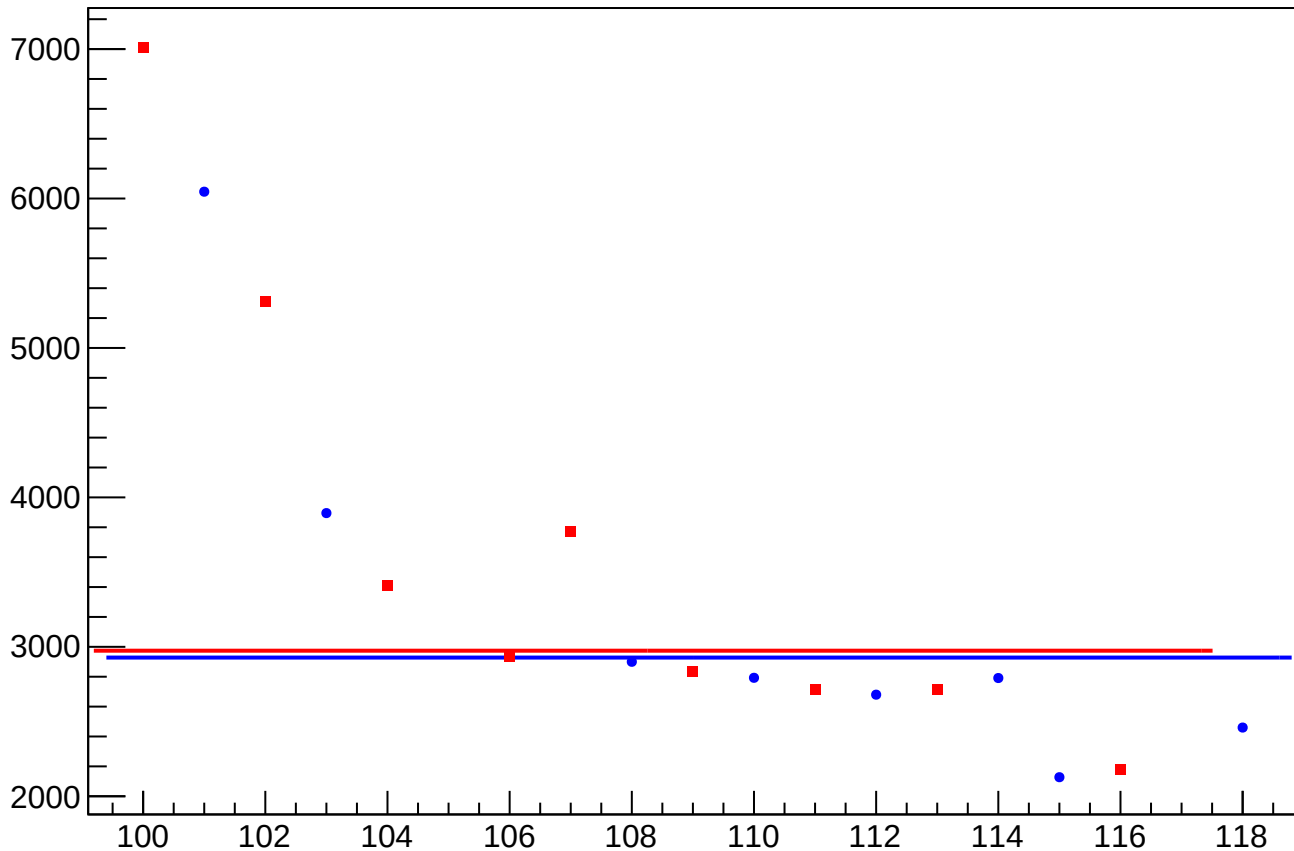
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -208.929+/-1173.701 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



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: 2974.133+/-1.166 χ^2/NDF : 400084.9/8

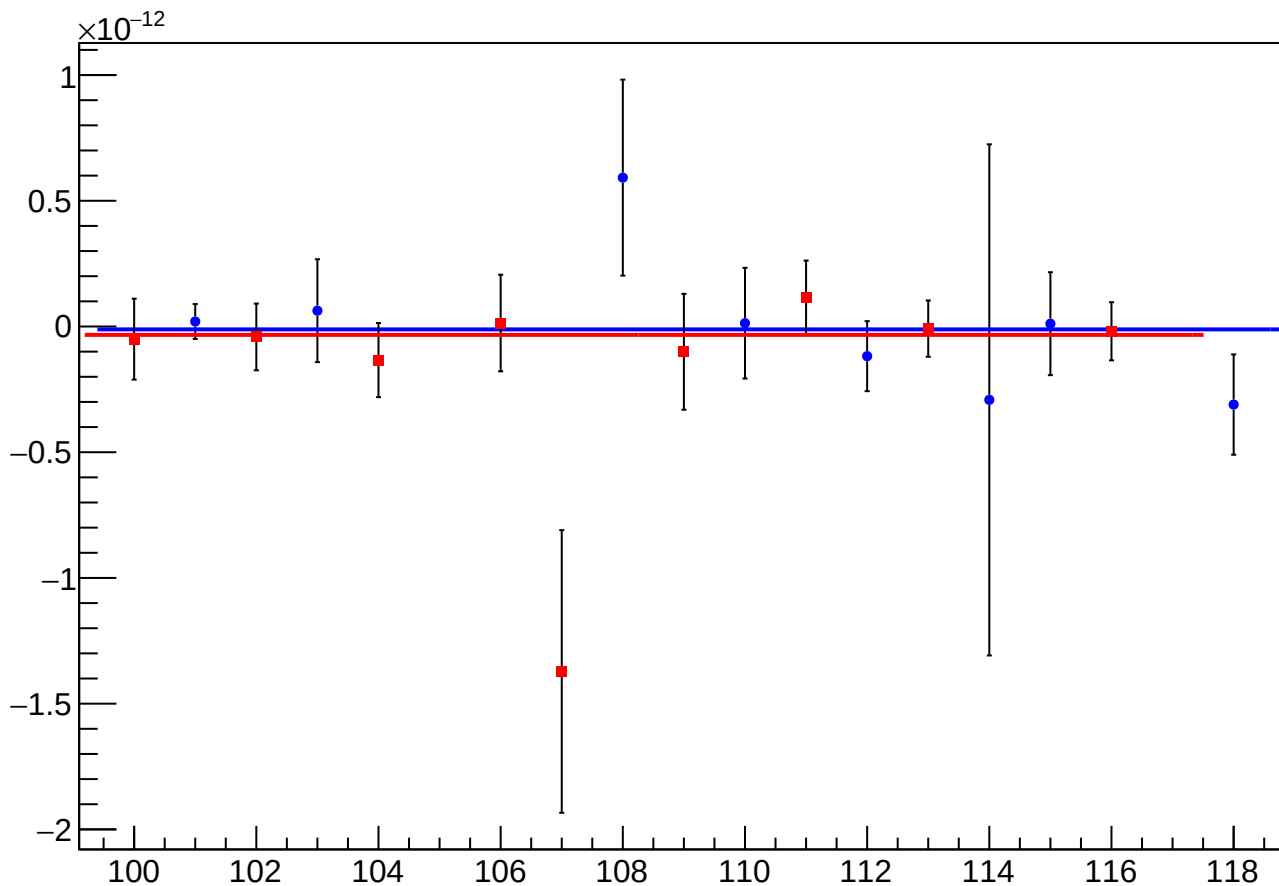
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2951.431+/-0.830 χ^2/NDF : 914430.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug



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: 7.4/8

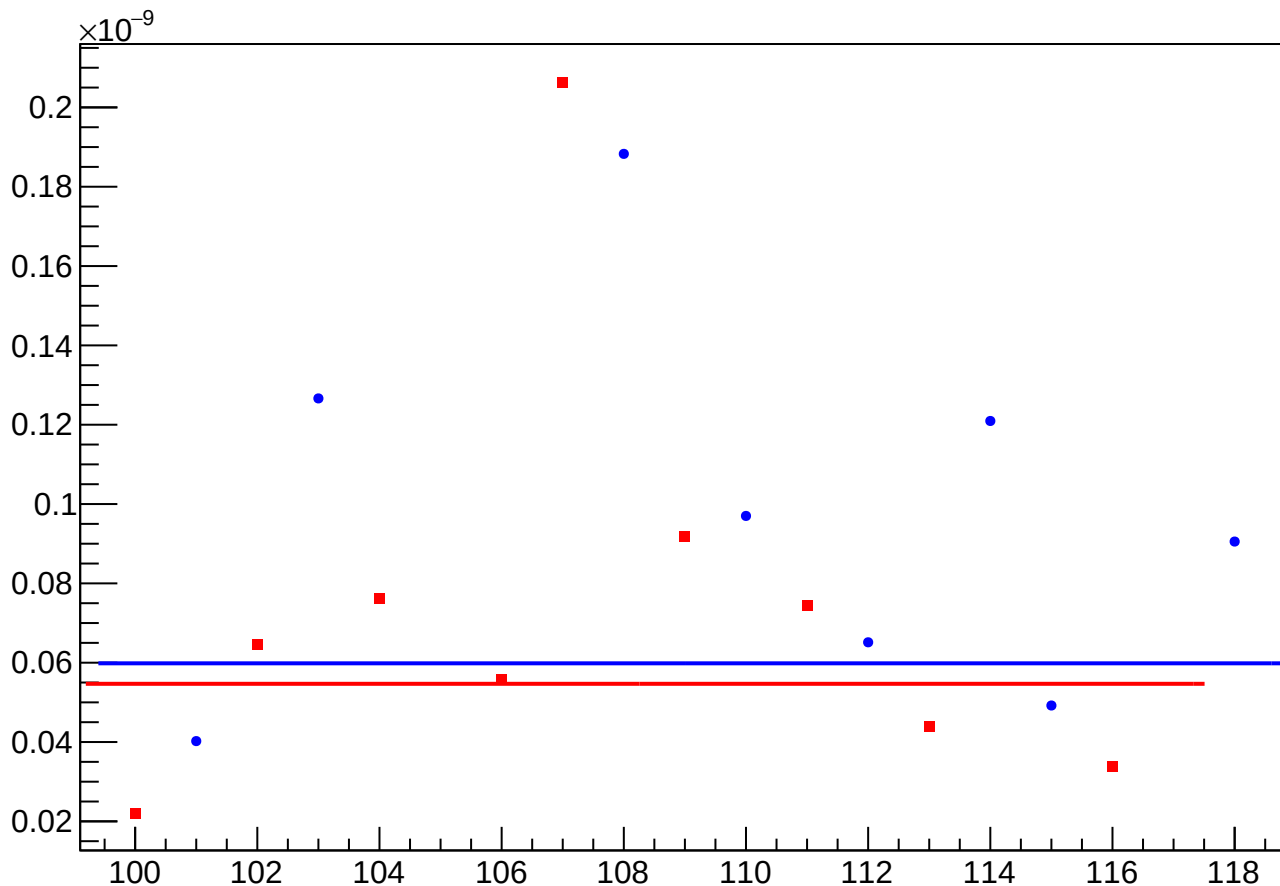
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug



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 : 452478.5/8

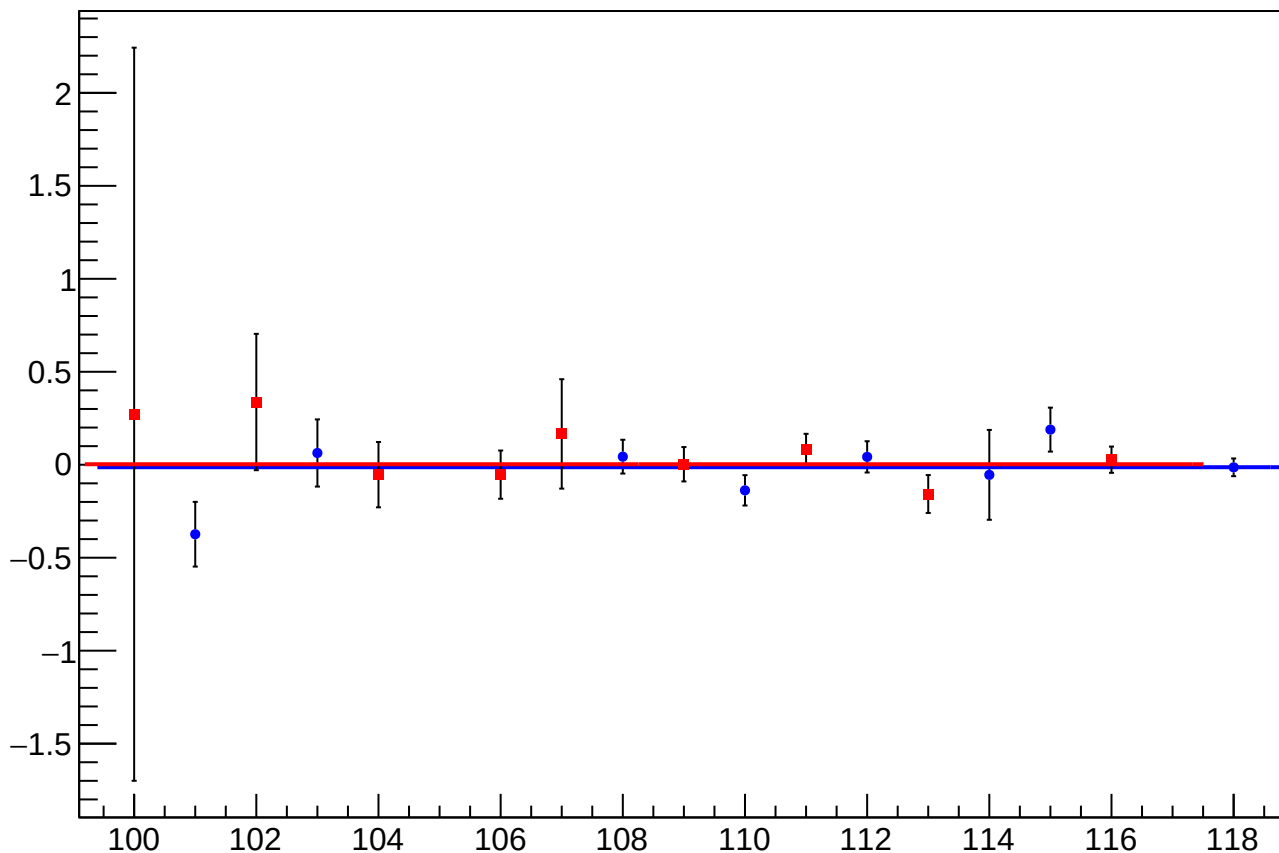
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1171962.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.032 χ^2 /NDF: 10.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.039 χ^2 /NDF: 4.9/8

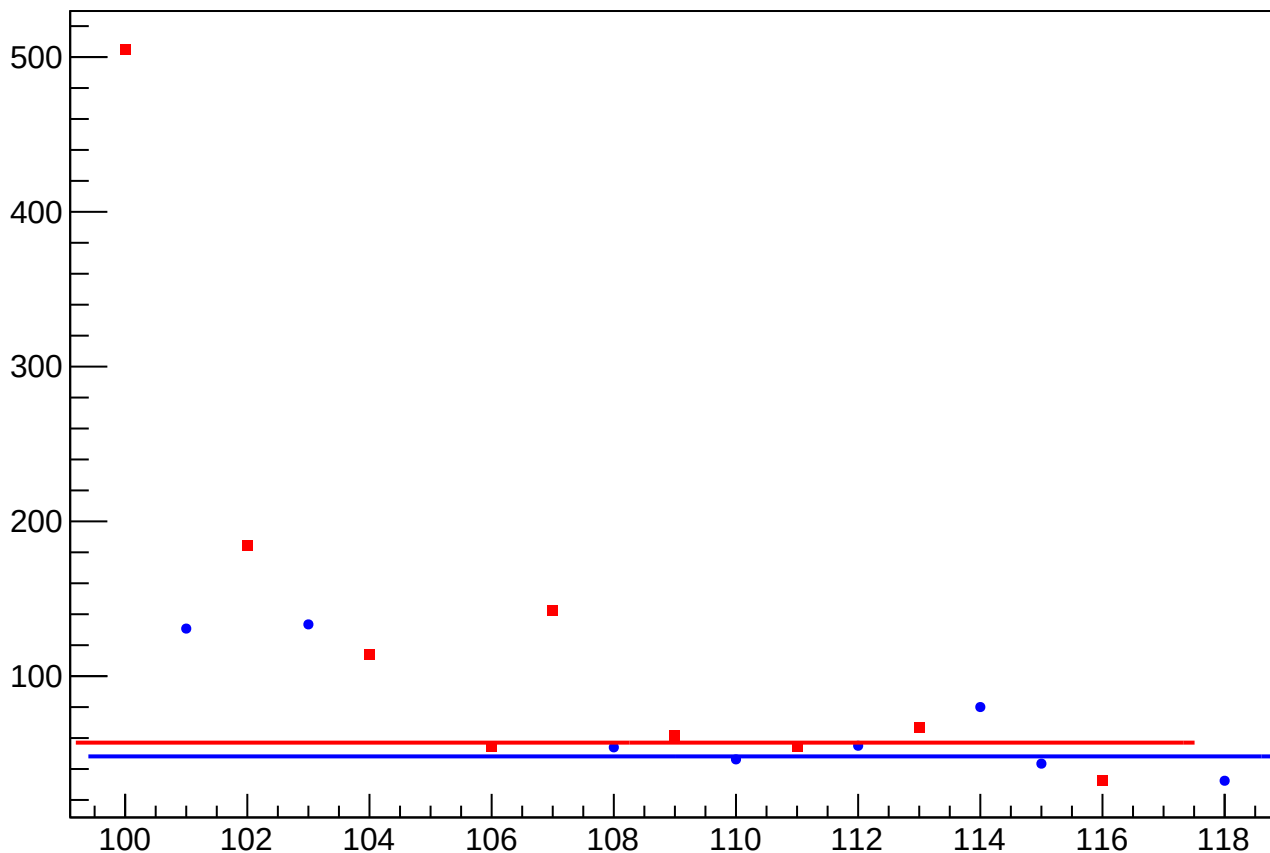
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.024 χ^2 /NDF: 15.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



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: 57.039+/-0.027 χ^2/NDF : 983647.7/8

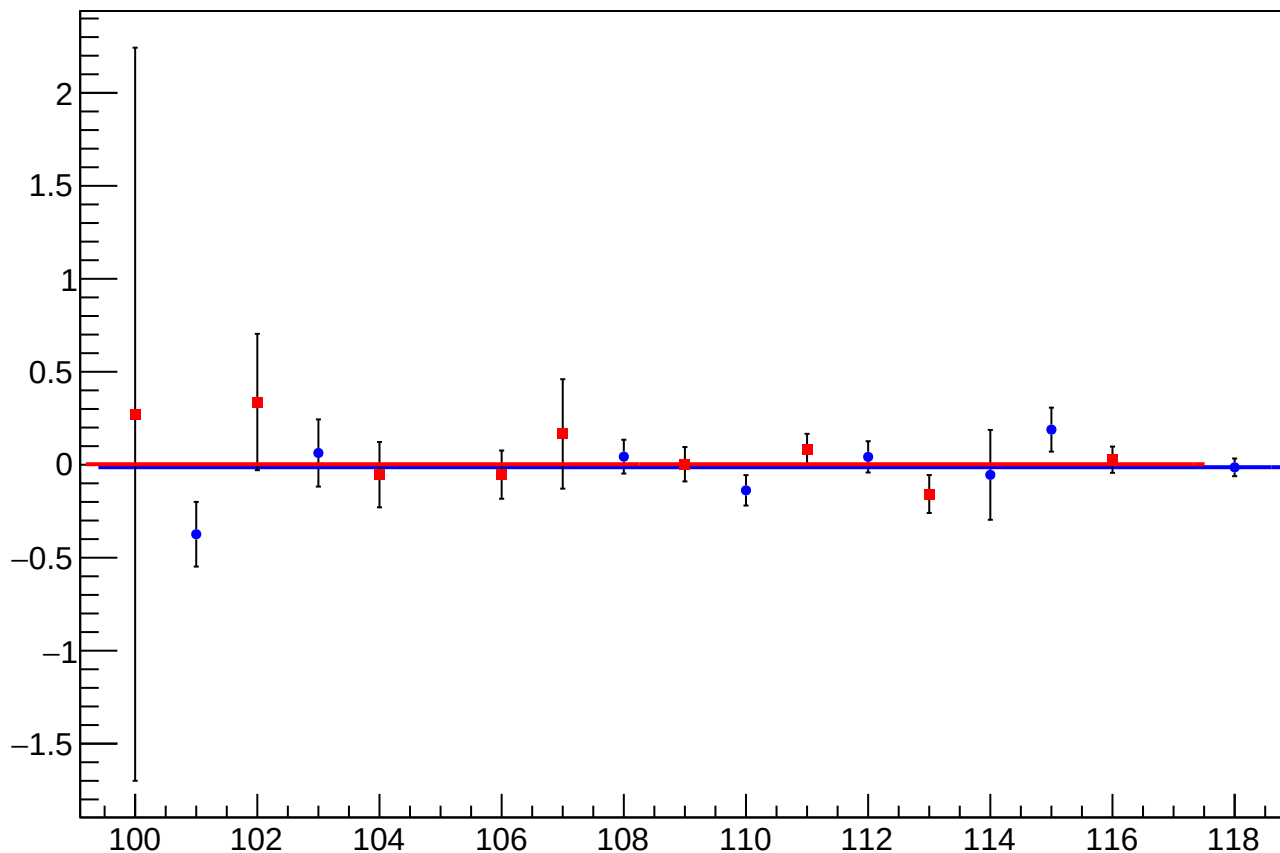
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.689+/-0.017 χ^2/NDF : 2222581.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.032 χ^2 /NDF: 10.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.039 χ^2 /NDF: 4.9/8

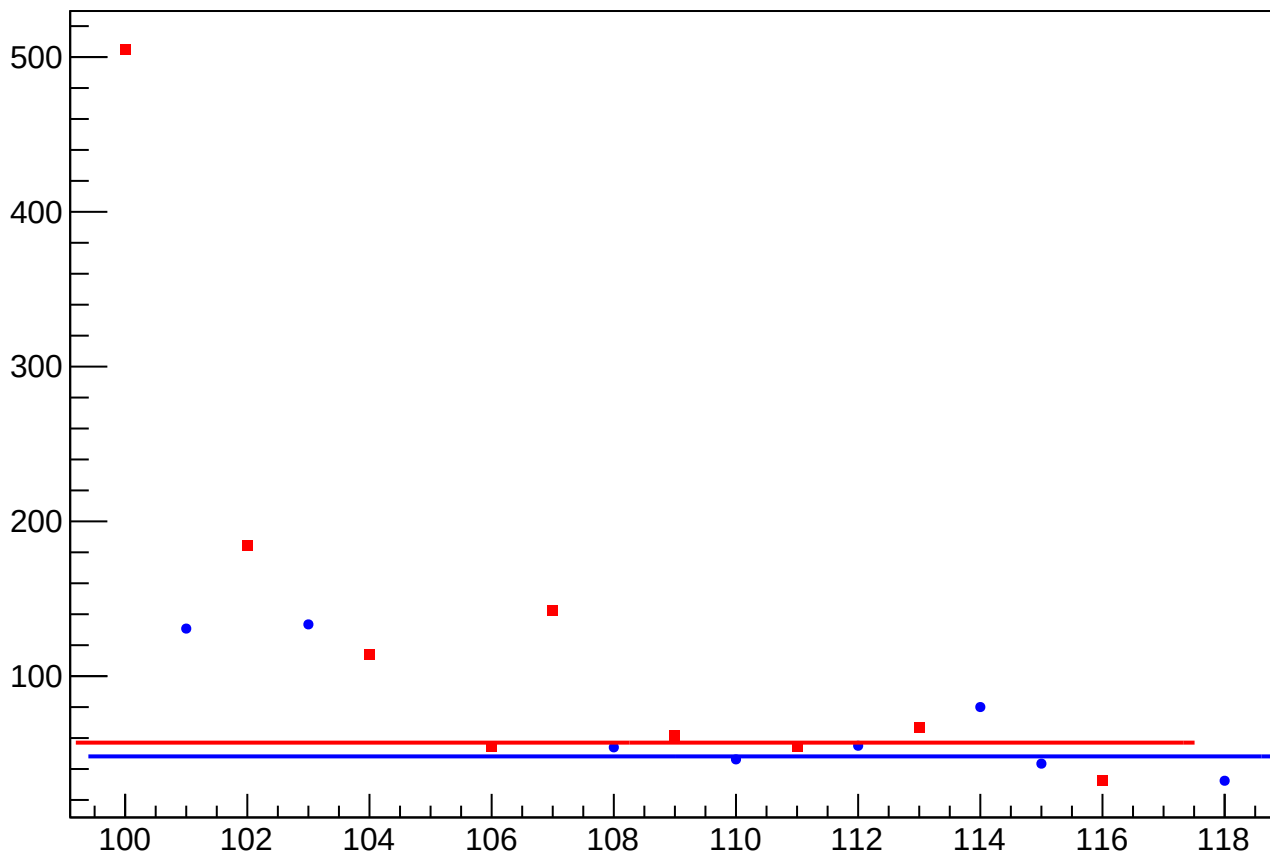
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.024 χ^2 /NDF: 15.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 57.039+/-0.027 χ^2/NDF : 983647.7/8

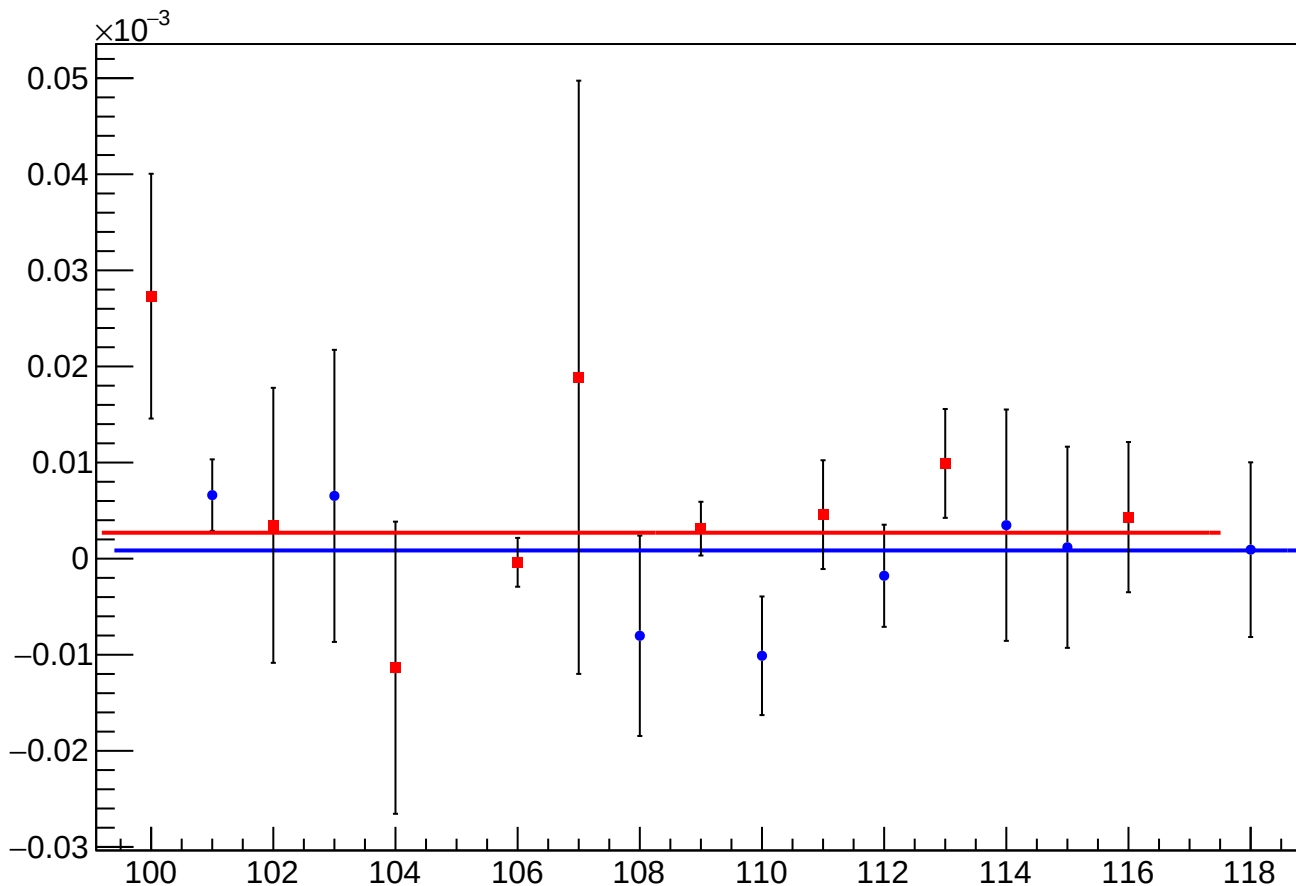
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.689+/-0.017 χ^2/NDF : 2222581.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/8

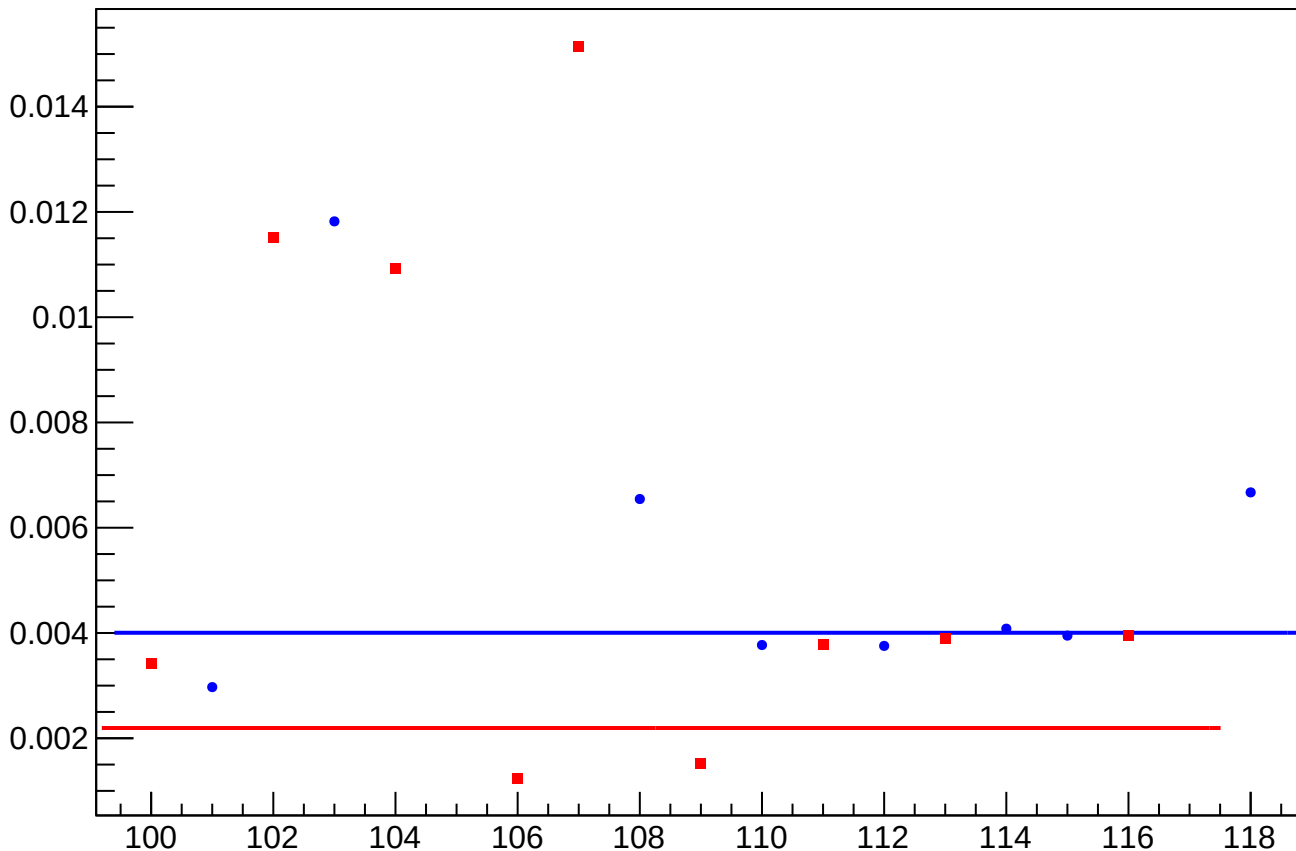
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2723312.1/8

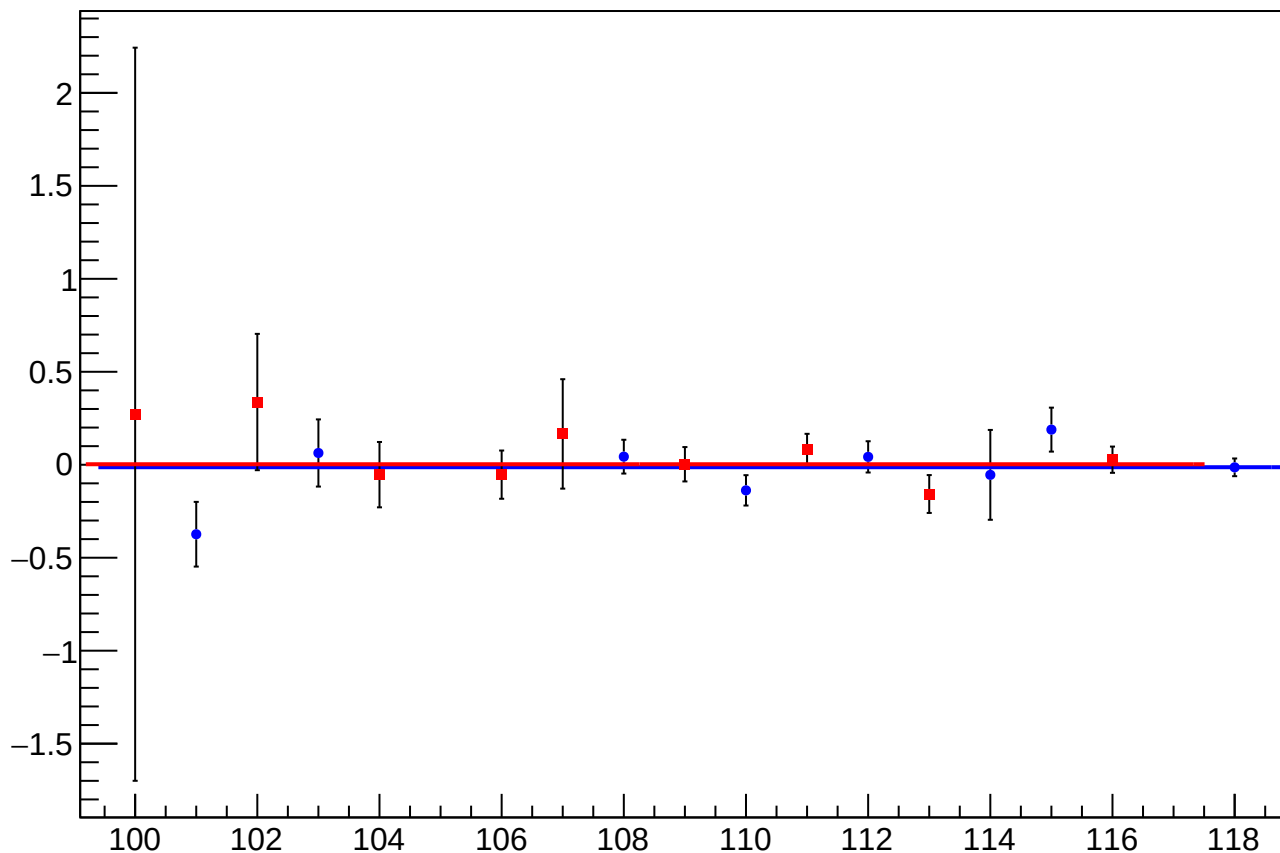
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4489826.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.032 χ^2 /NDF: 10.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.039 χ^2 /NDF: 4.9/8

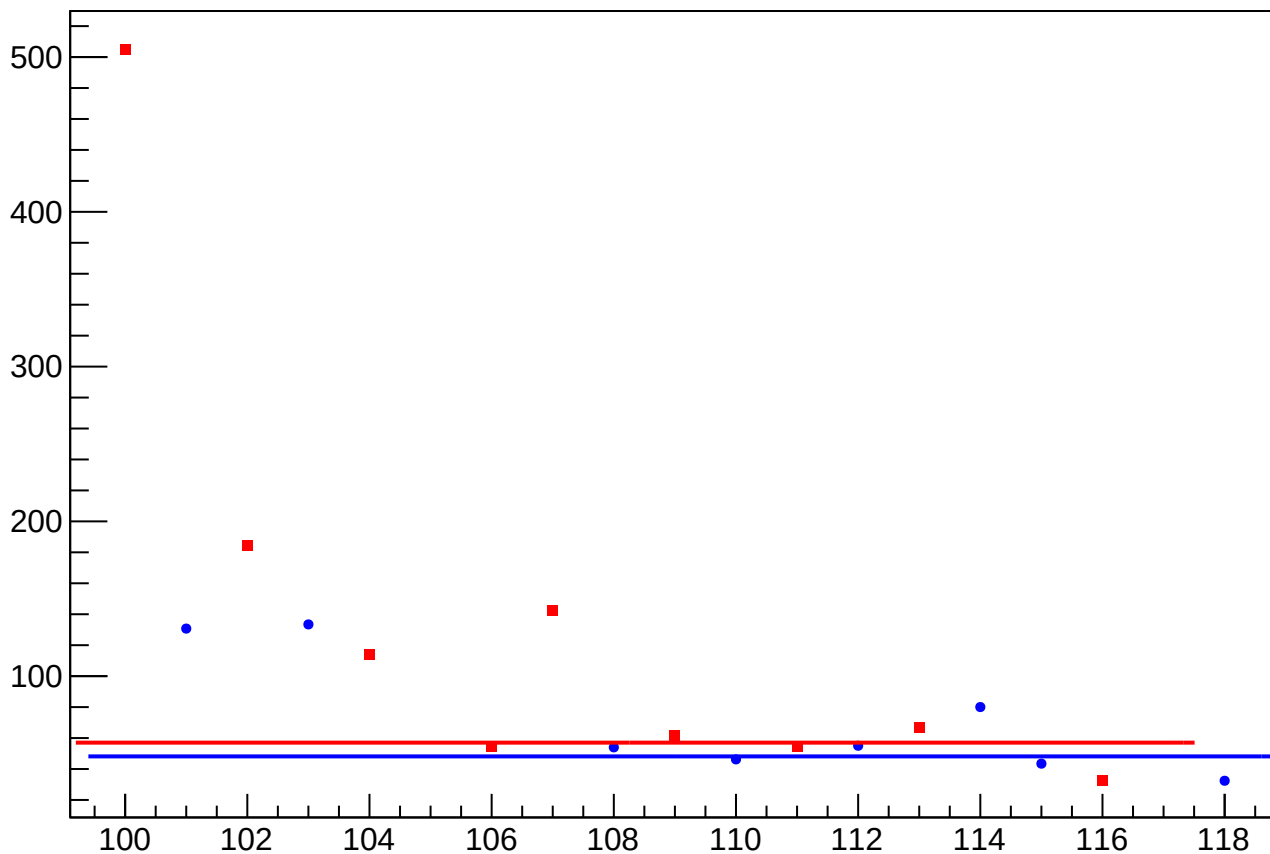
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.024 χ^2 /NDF: 15.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 57.038+/-0.027 χ^2/NDF : 983602.7/8

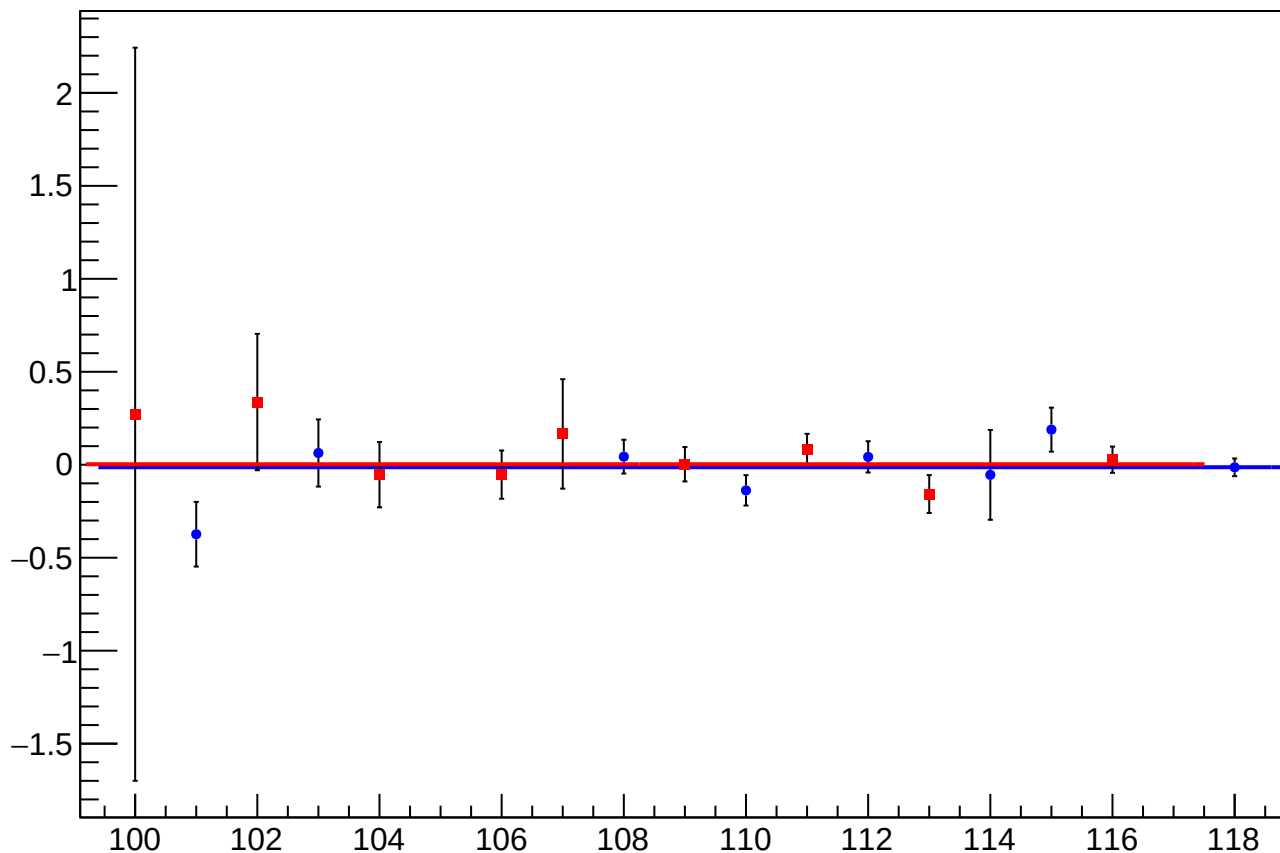
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.690+/-0.017 χ^2/NDF : 2222384.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.003 ± 0.039 χ^2/NDF : 4.9/8

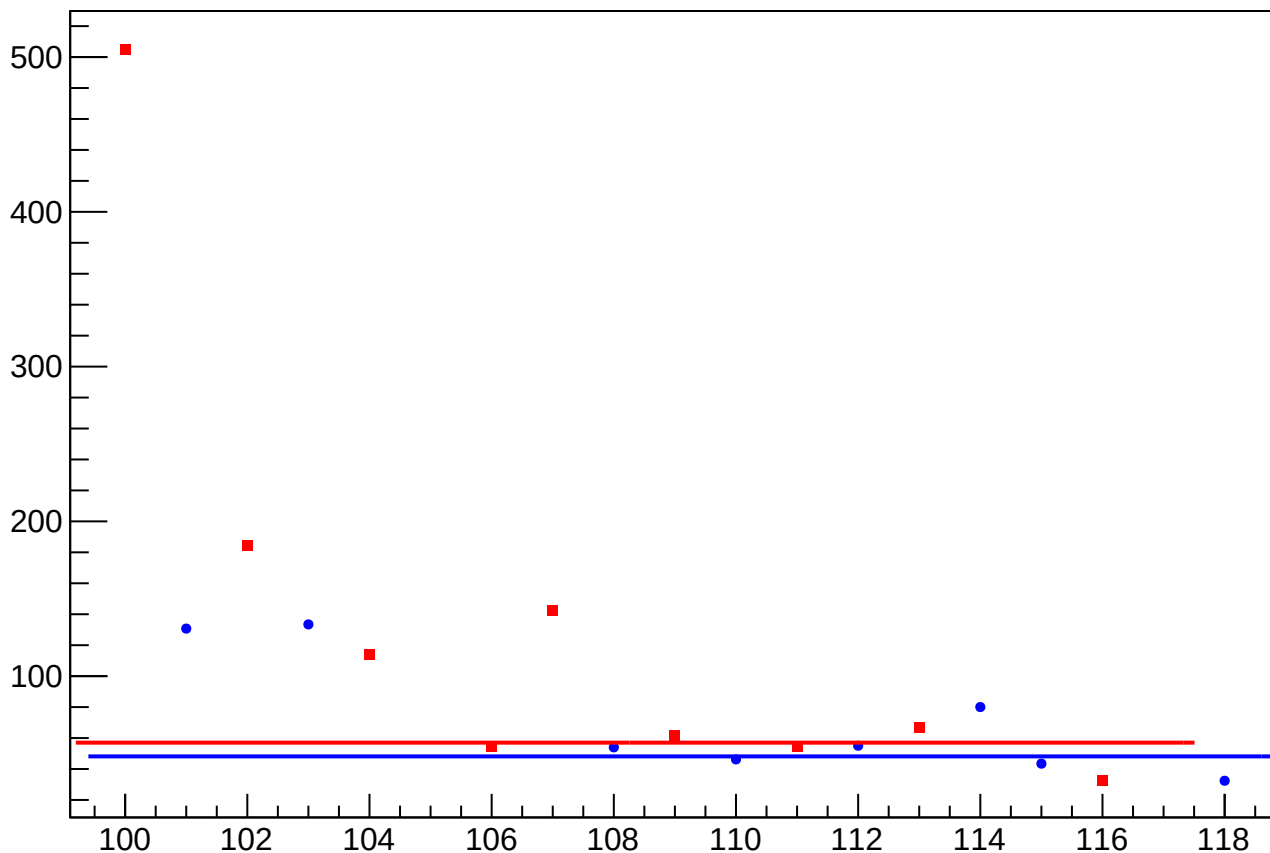
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.024 χ^2/NDF : 15.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 57.038+/-0.027 χ^2/NDF : 983602.7/8

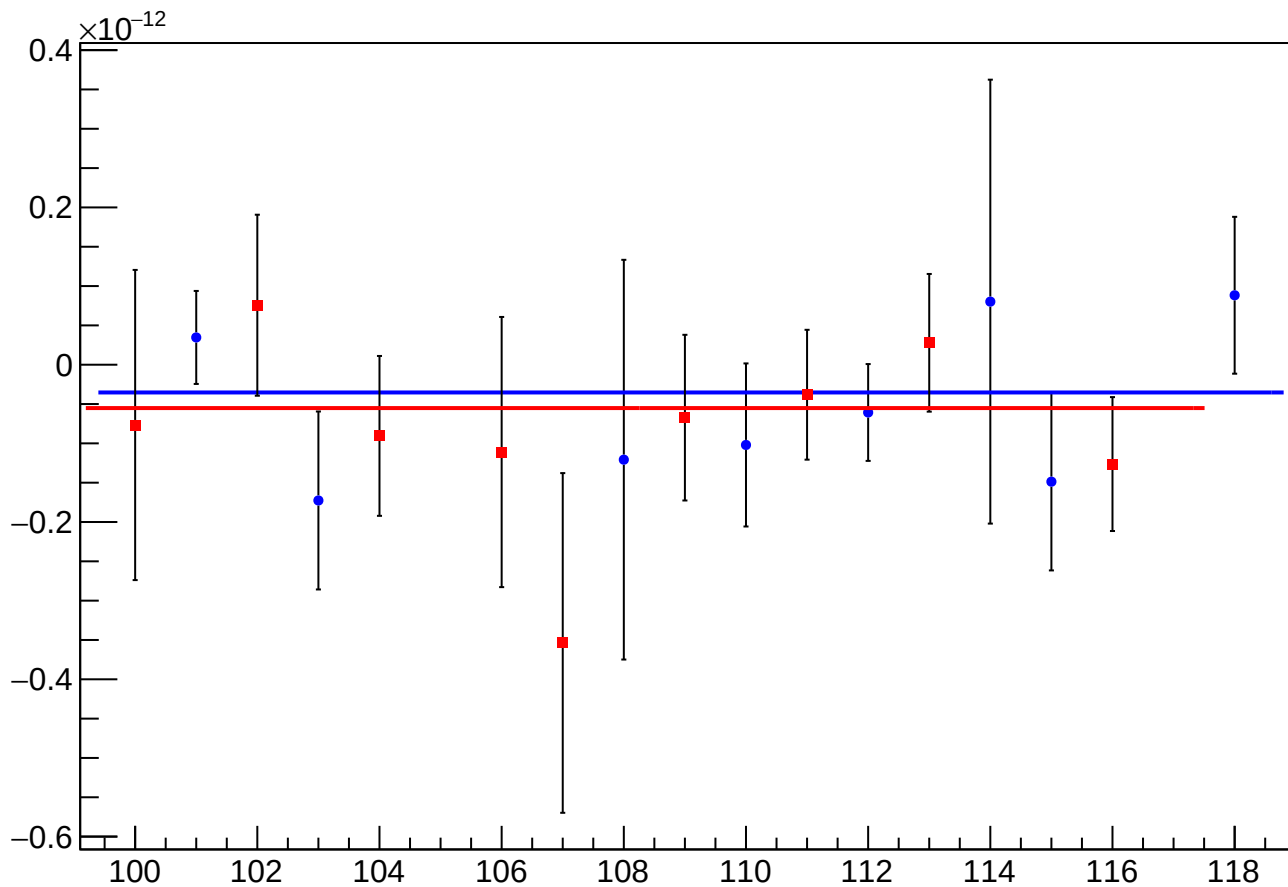
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.690+/-0.017 χ^2/NDF : 2222384.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 5.1/8

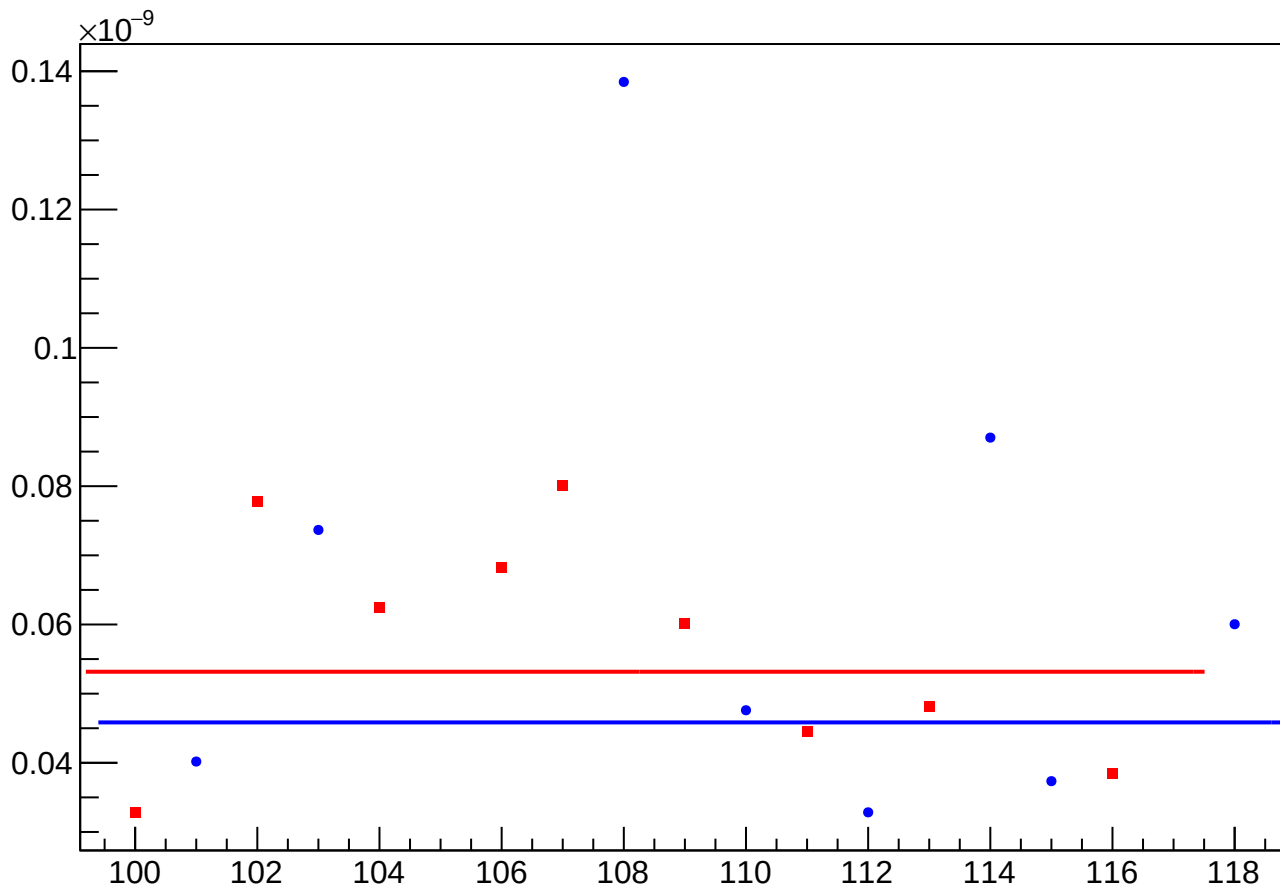
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 273879.6/8

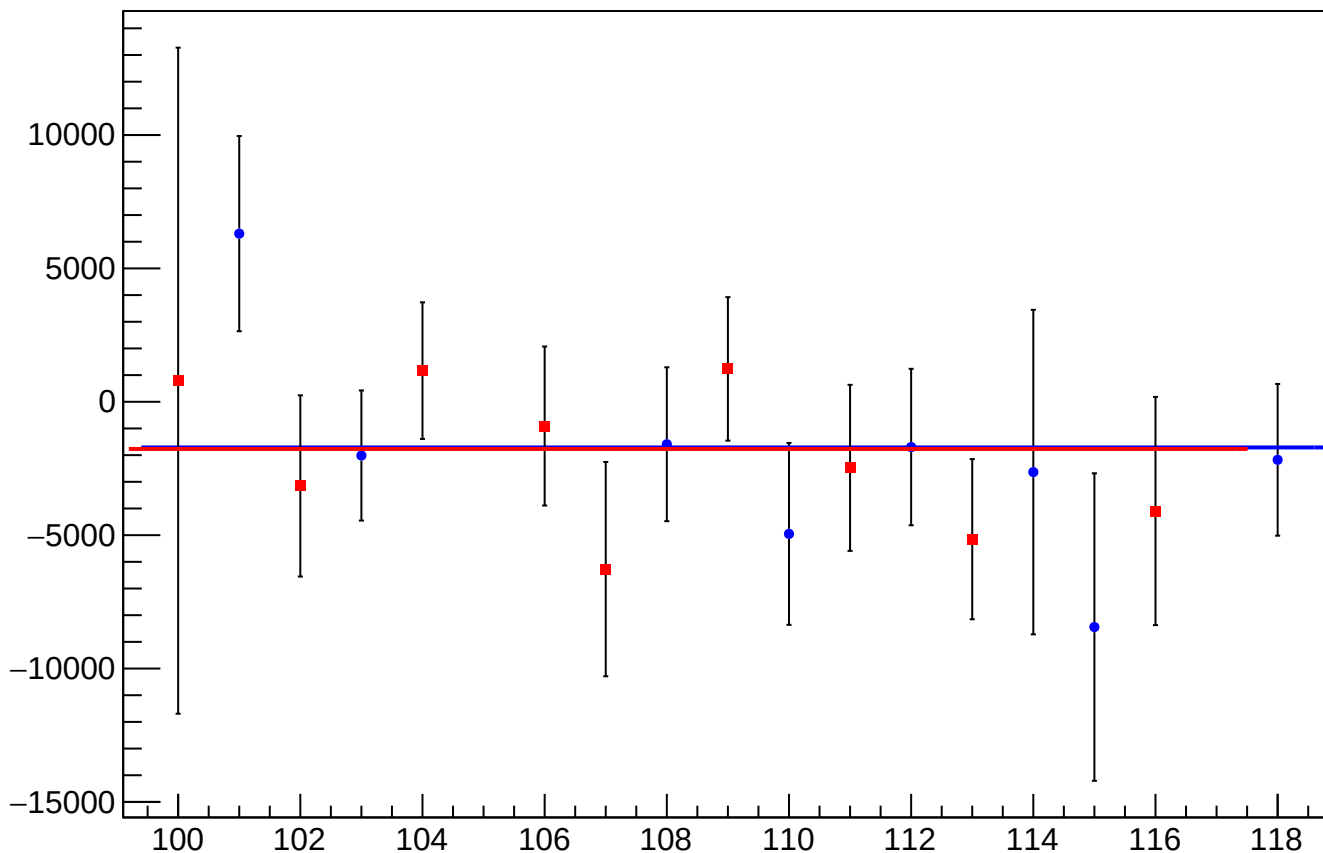
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 907930.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



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: -1767.621+/-1099.548 χ^2/NDF : 5.7/8

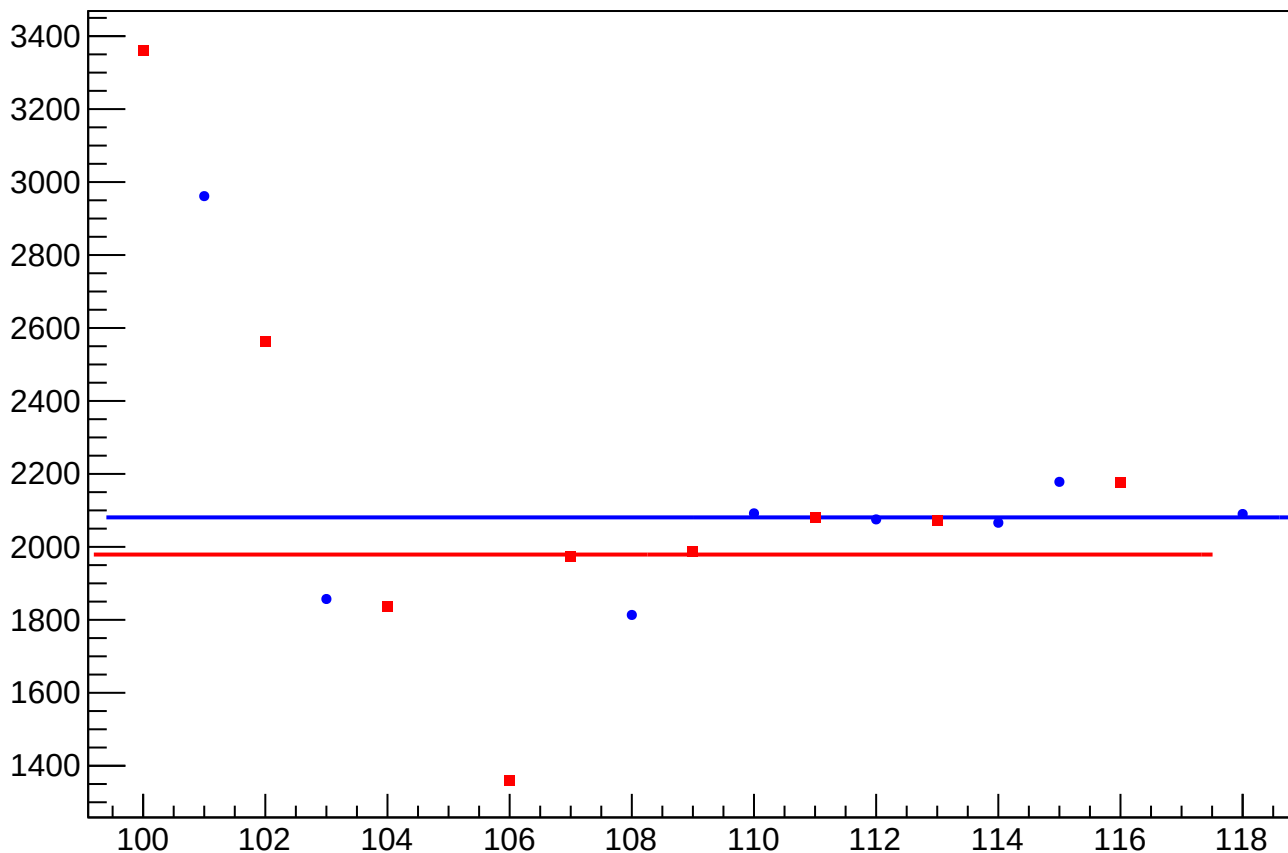
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1740.921+/-797.276 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2080.862 $\pm$ 0.819 χ^2 /NDF: 150466.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1978.973 $\pm$ 0.777 χ^2 /NDF: 183932.7/8

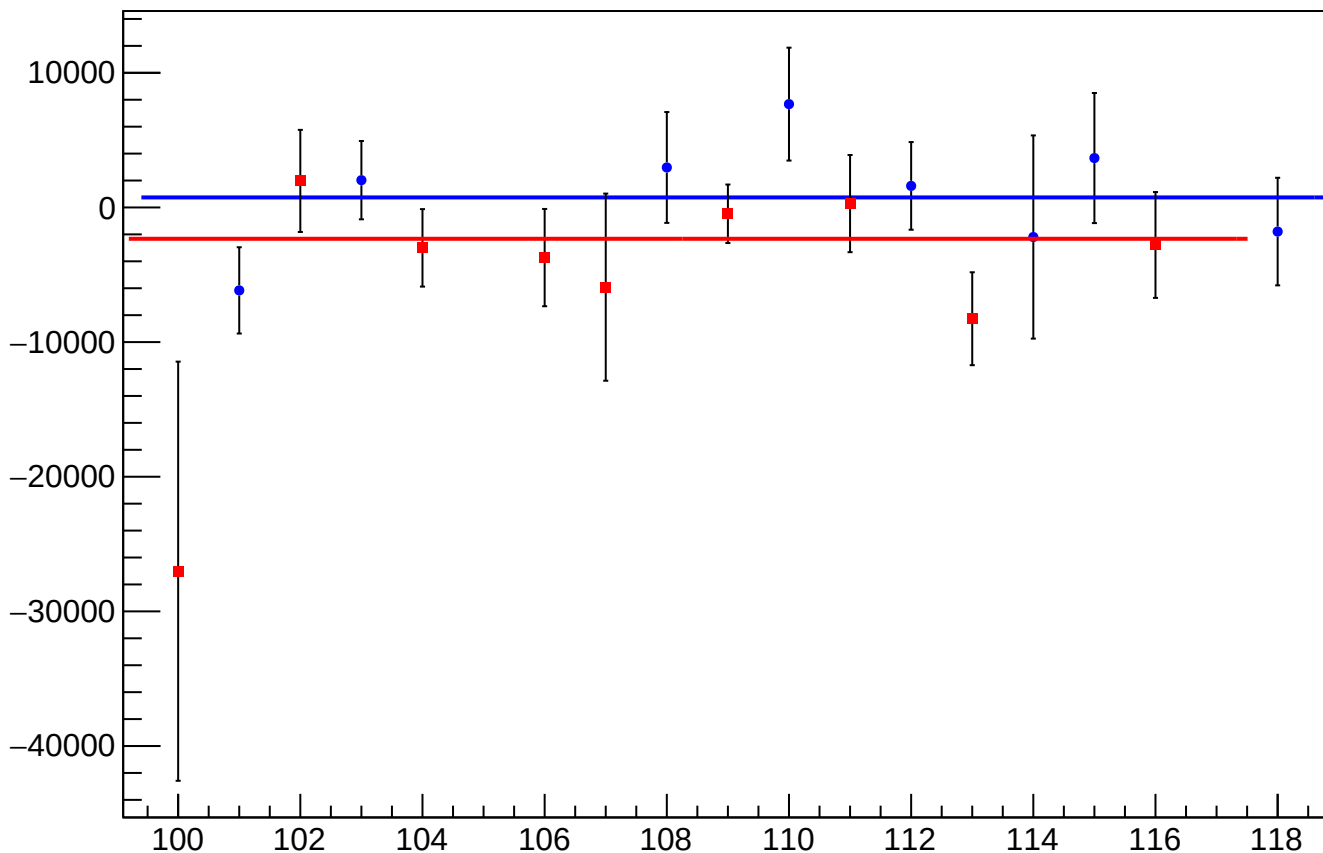
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2027.292 $\pm$ 0.564 χ^2 /NDF: 342543.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



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: -2326.802+/-1170.954 χ^2/NDF : 8.5/8

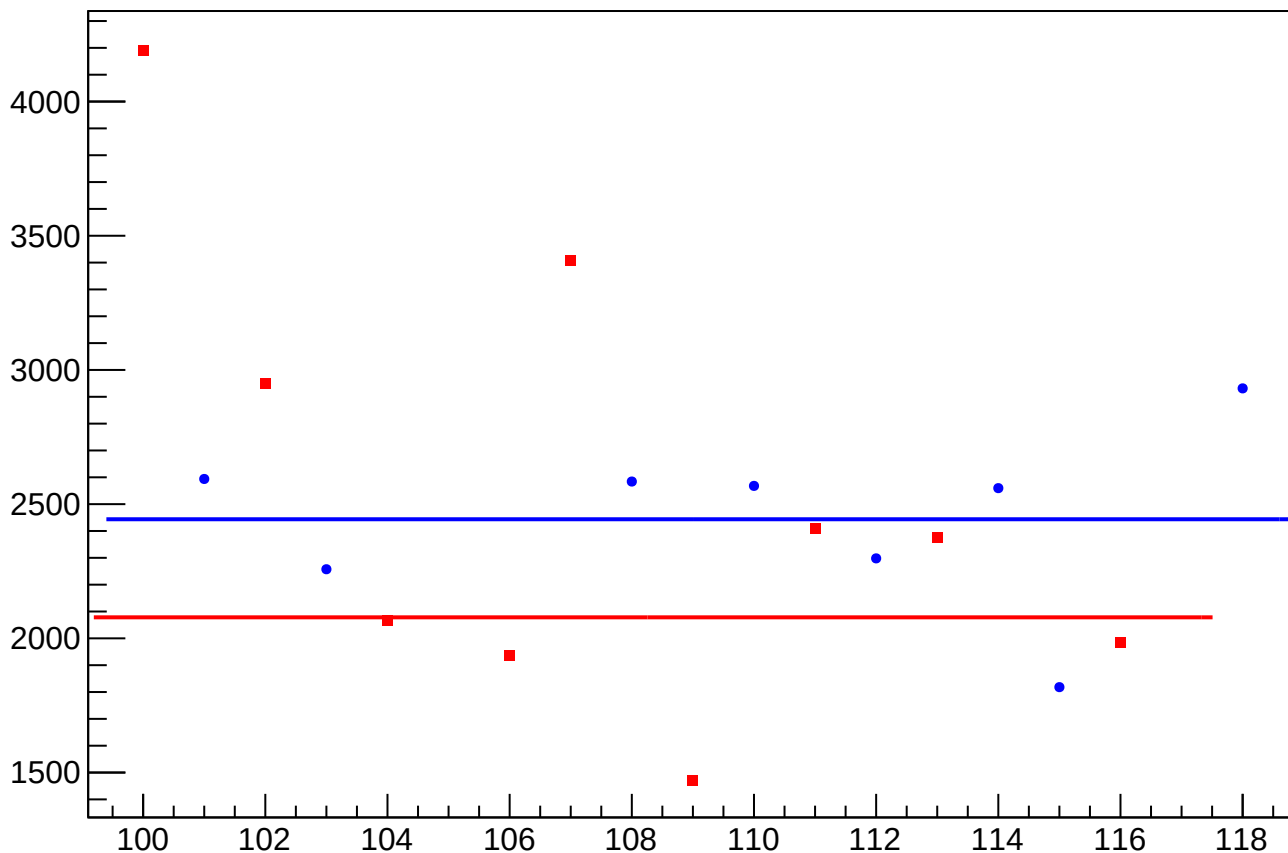
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1007.638+/-884.464 χ^2/NDF : 20.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



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: 2078.303+/-0.828 χ^2/NDF : 408183.3/8

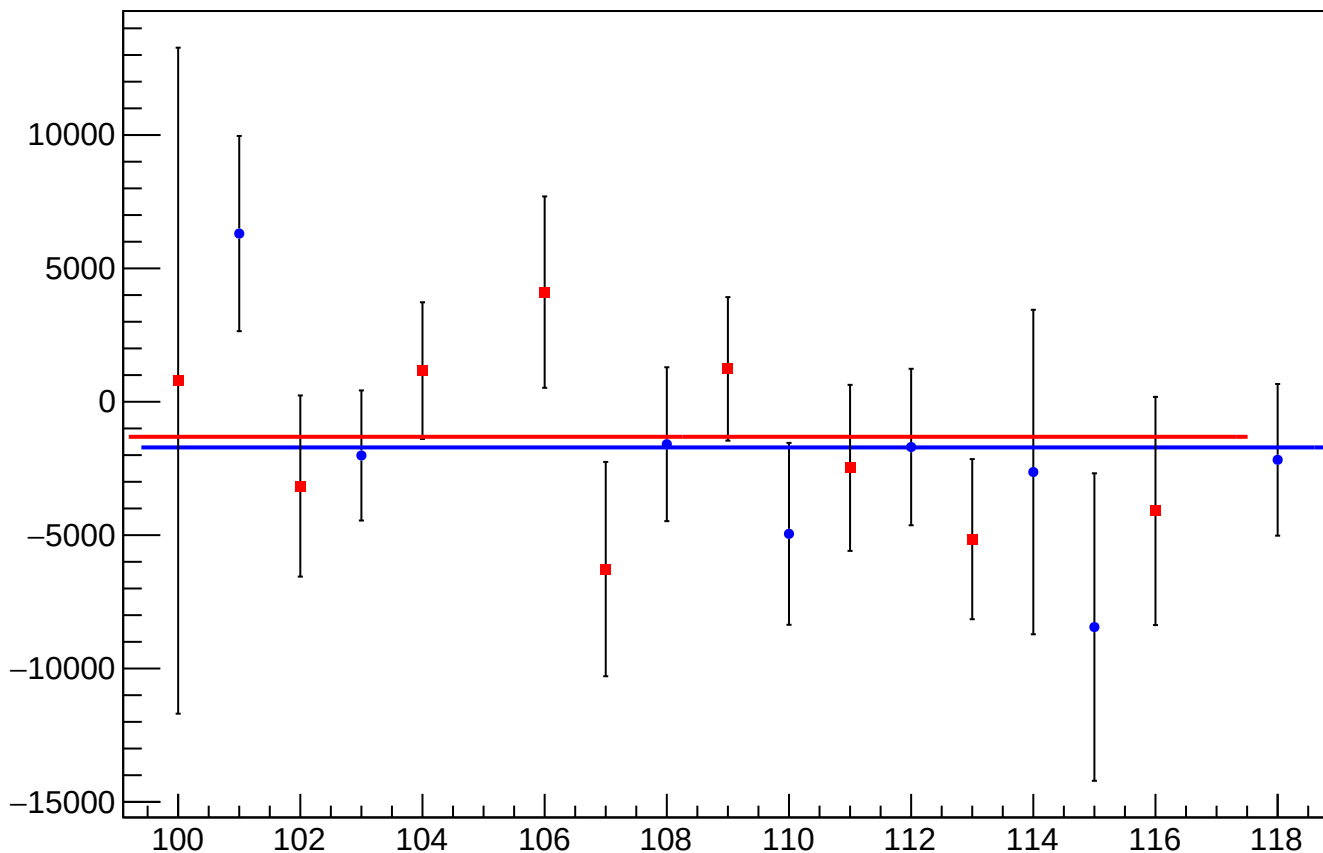
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2235.233+/-0.625 χ^2/NDF : 576318.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



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: -1313.643+/-1123.509 χ^2/NDF : 8.2/8

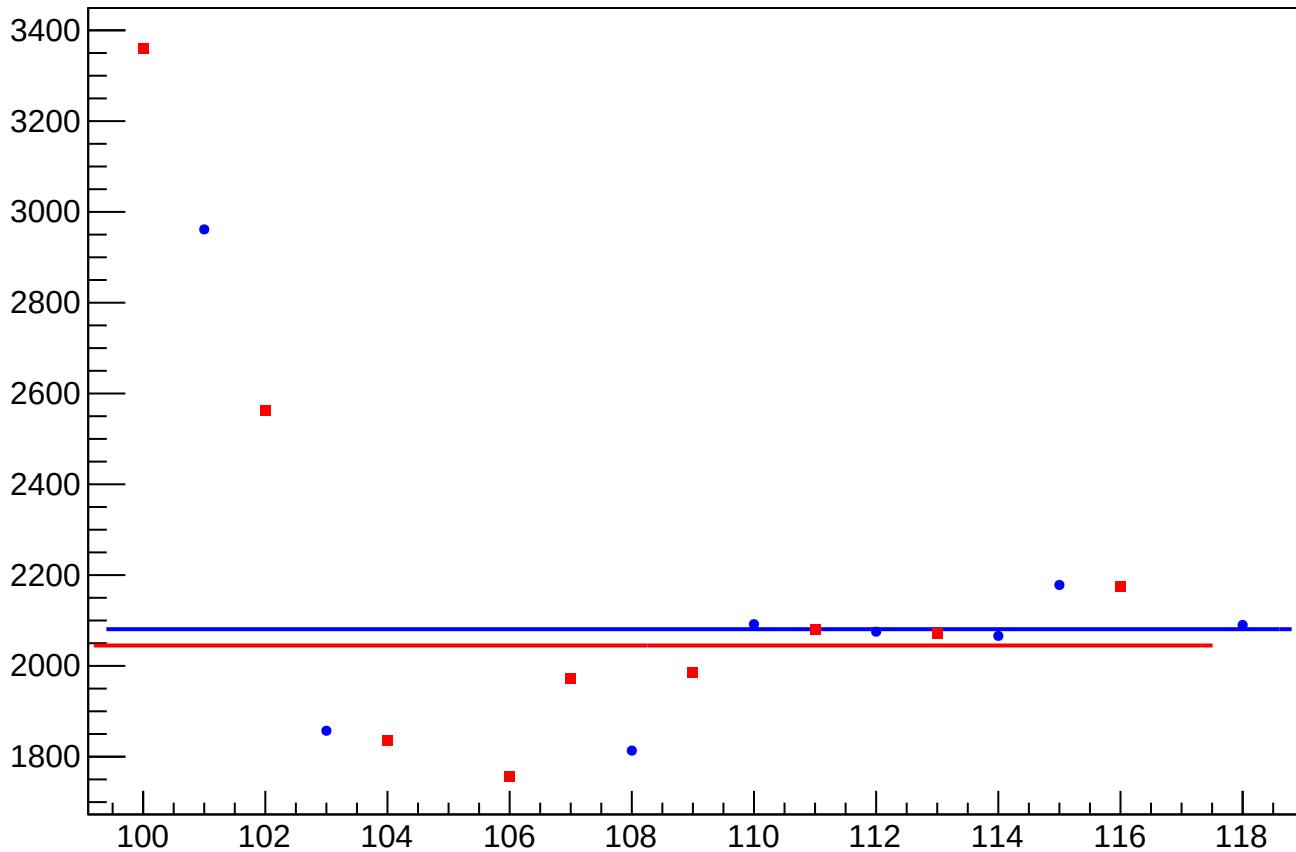
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1506.403+/-806.271 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2080.862 $\pm$ 0.819 χ^2 /NDF: 150467.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2044.969 $\pm$ 0.794 χ^2 /NDF: 98709.2/8

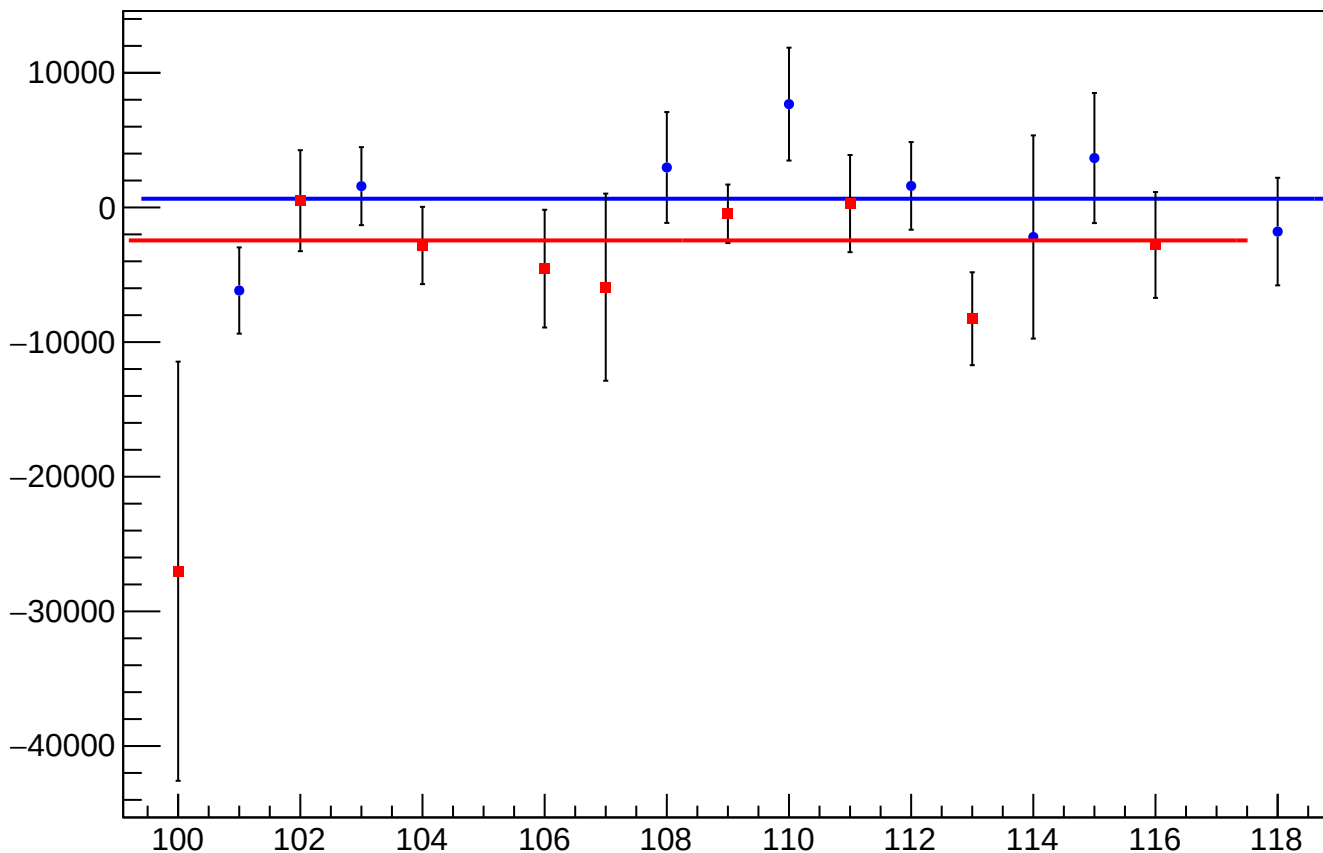
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2062.377 $\pm$ 0.570 χ^2 /NDF: 250166.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: 647.952 $\pm$ 1348.506 χ^2 /NDF: 8.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2447.833 $\pm$ 1189.150 χ^2 /NDF: 7.9/8

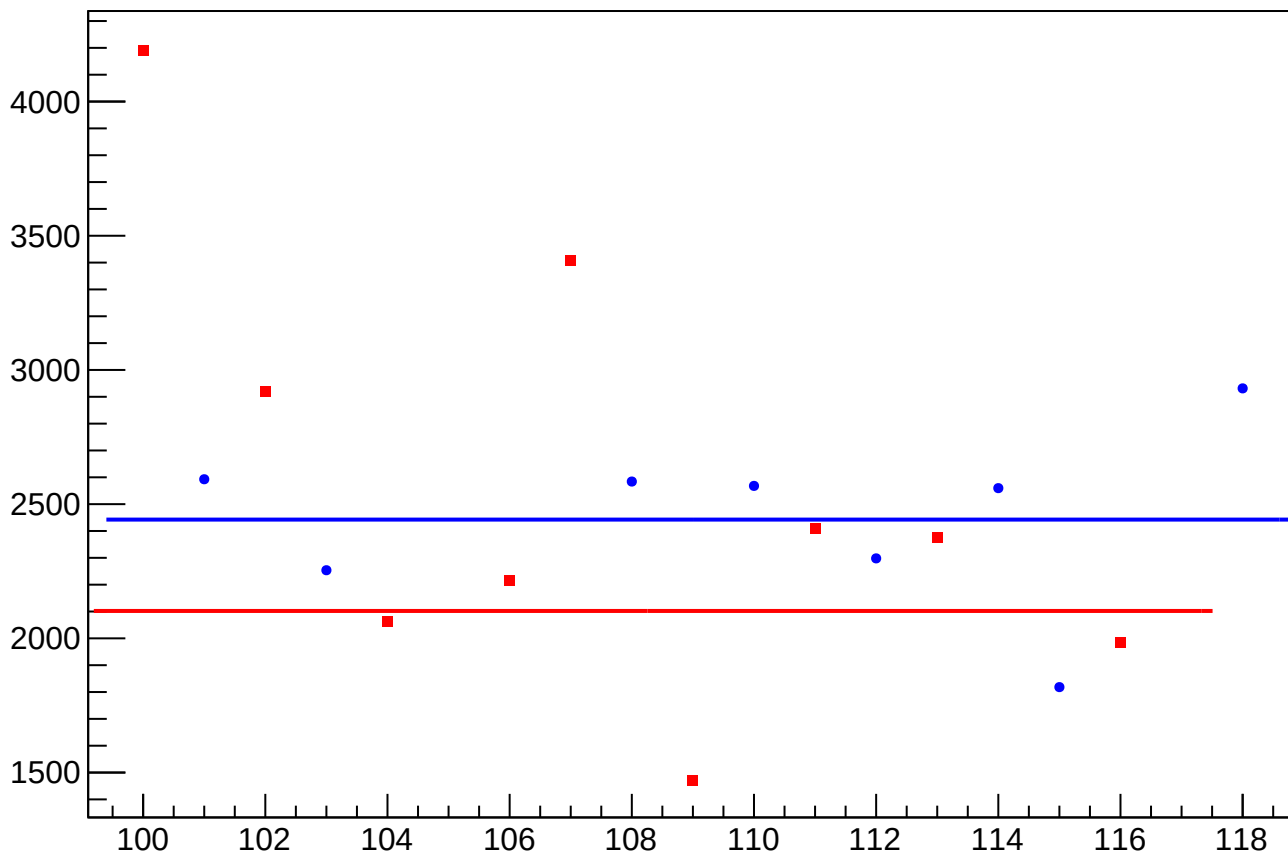
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1093.581 $\pm$ 891.902 χ^2 /NDF: 19.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



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: 2102.072+/-0.841 χ^2/NDF : 401549.8/8

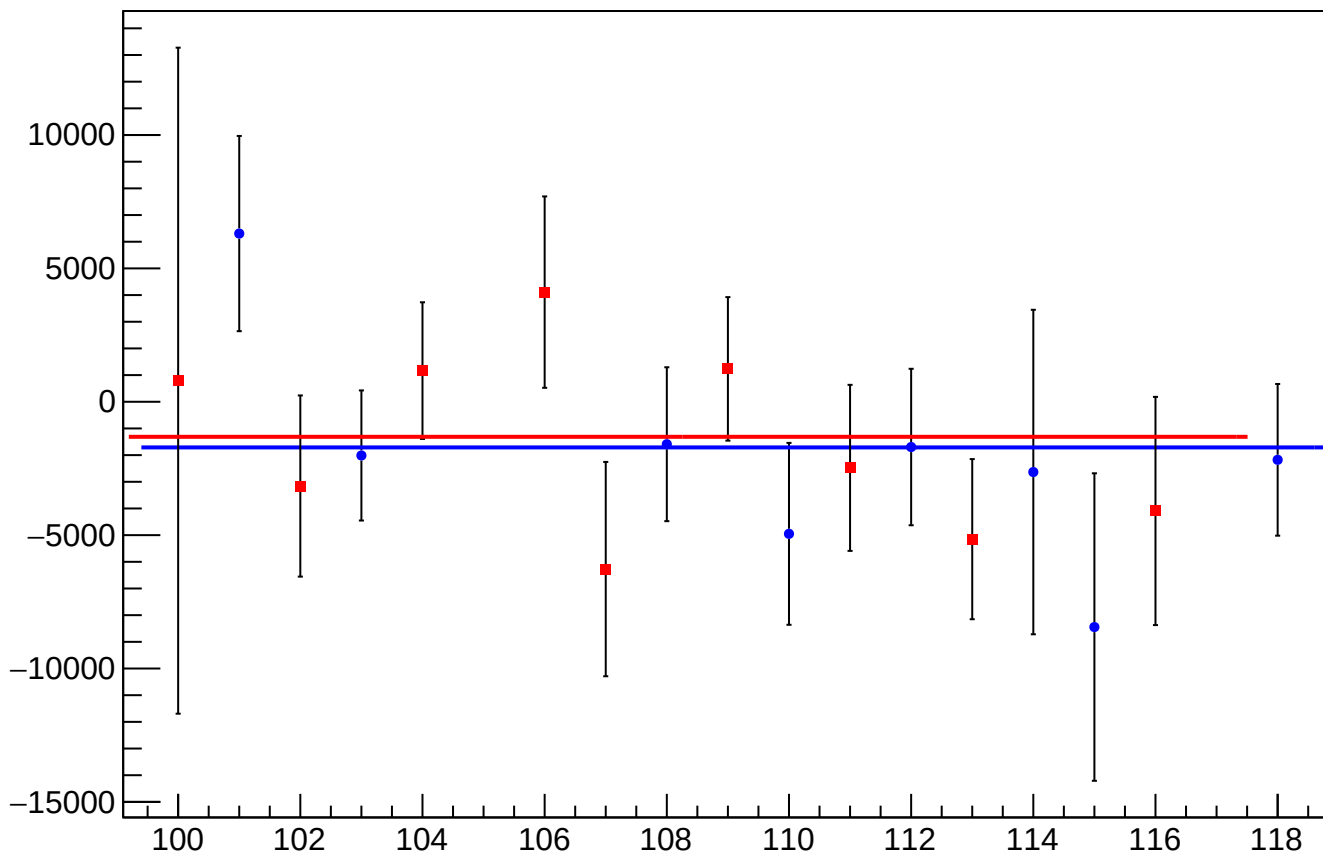
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.982+/-0.631 χ^2/NDF : 558047.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



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: -1313.643+/-1123.509 χ^2/NDF : 8.2/8

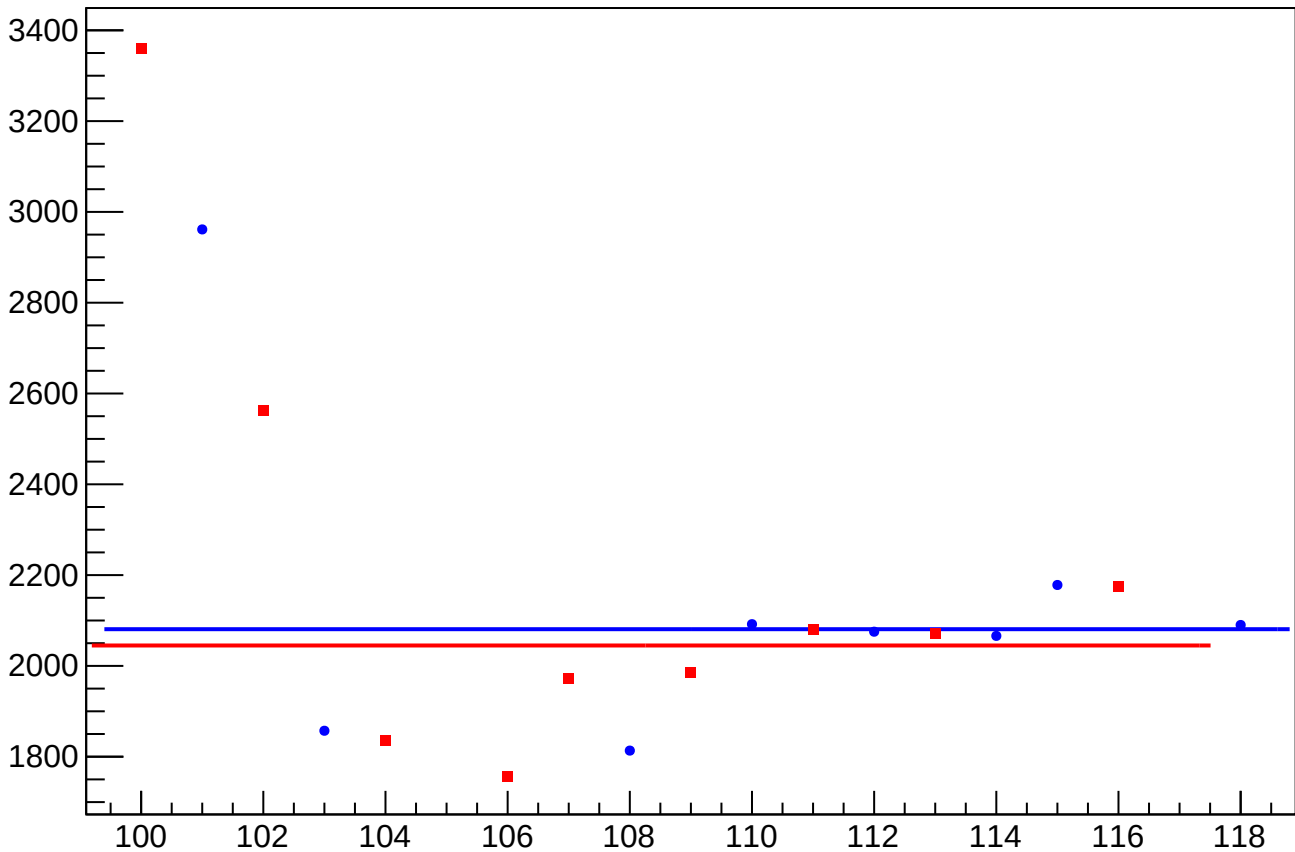
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1506.403+/-806.271 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2080.862 $\pm$ 0.819 χ^2 /NDF: 150467.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2044.969 $\pm$ 0.794 χ^2 /NDF: 98709.2/8

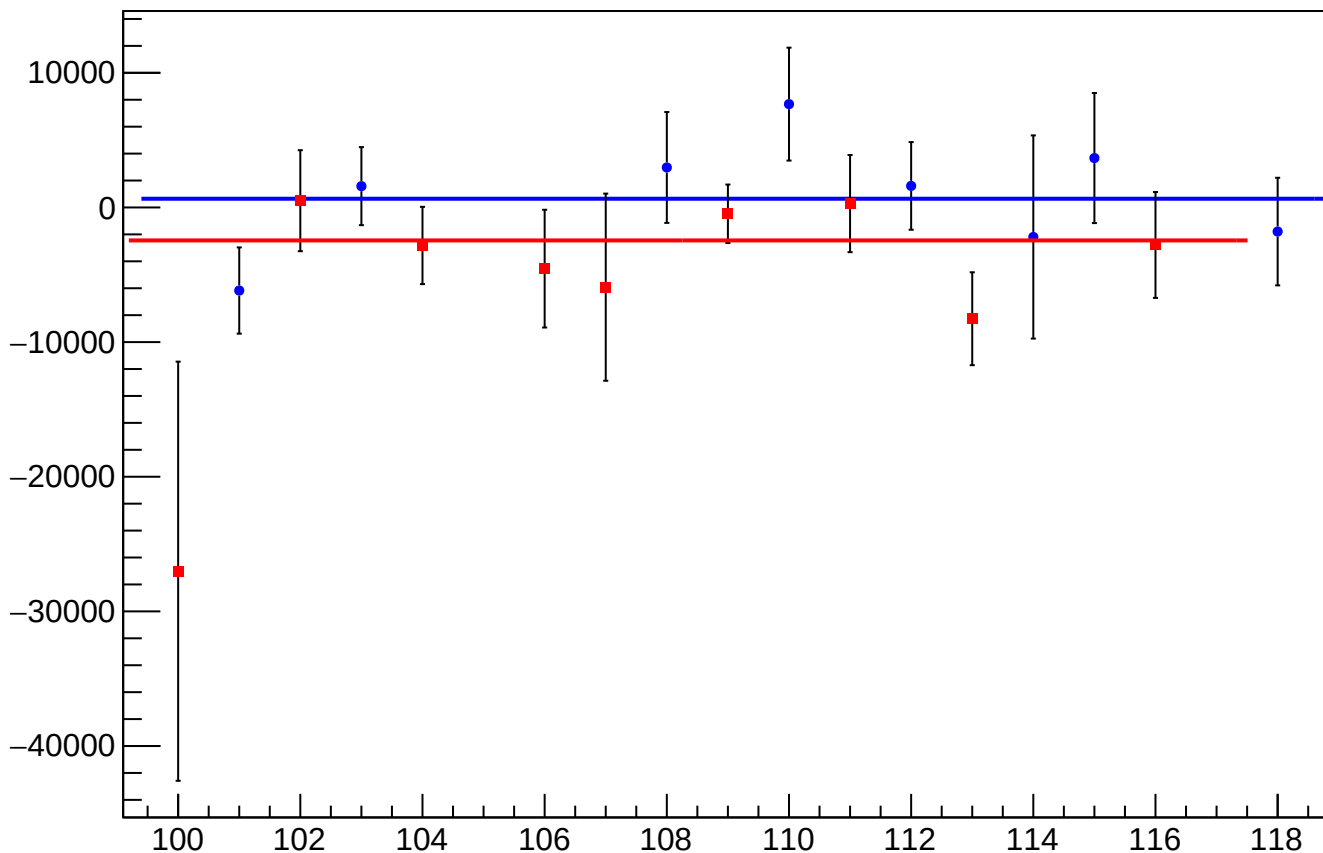
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2062.377 $\pm$ 0.570 χ^2 /NDF: 250166.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



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: -2447.833+/-1189.150 χ^2/NDF : 7.9/8

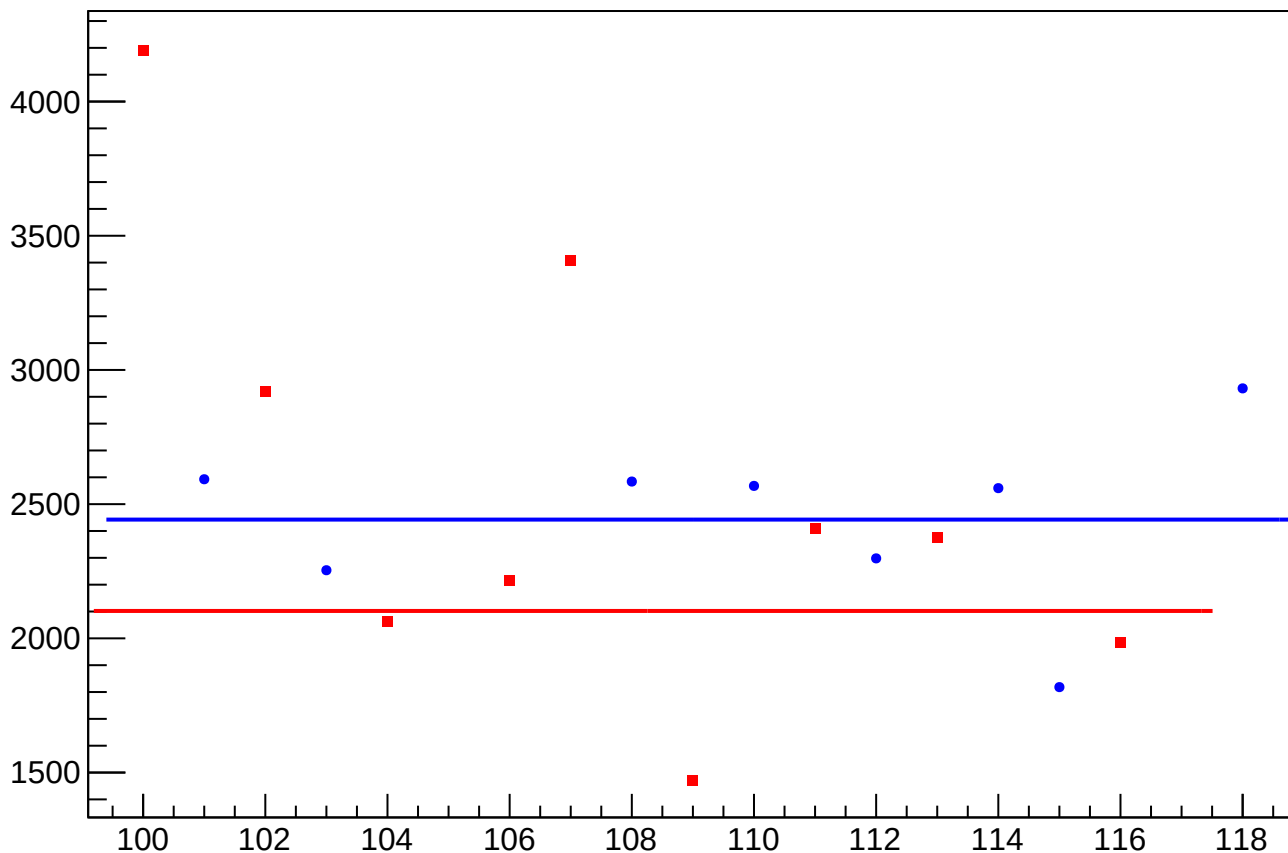
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1093.581+/-891.902 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug



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: 2102.072+/-0.841 χ^2/NDF : 401549.8/8

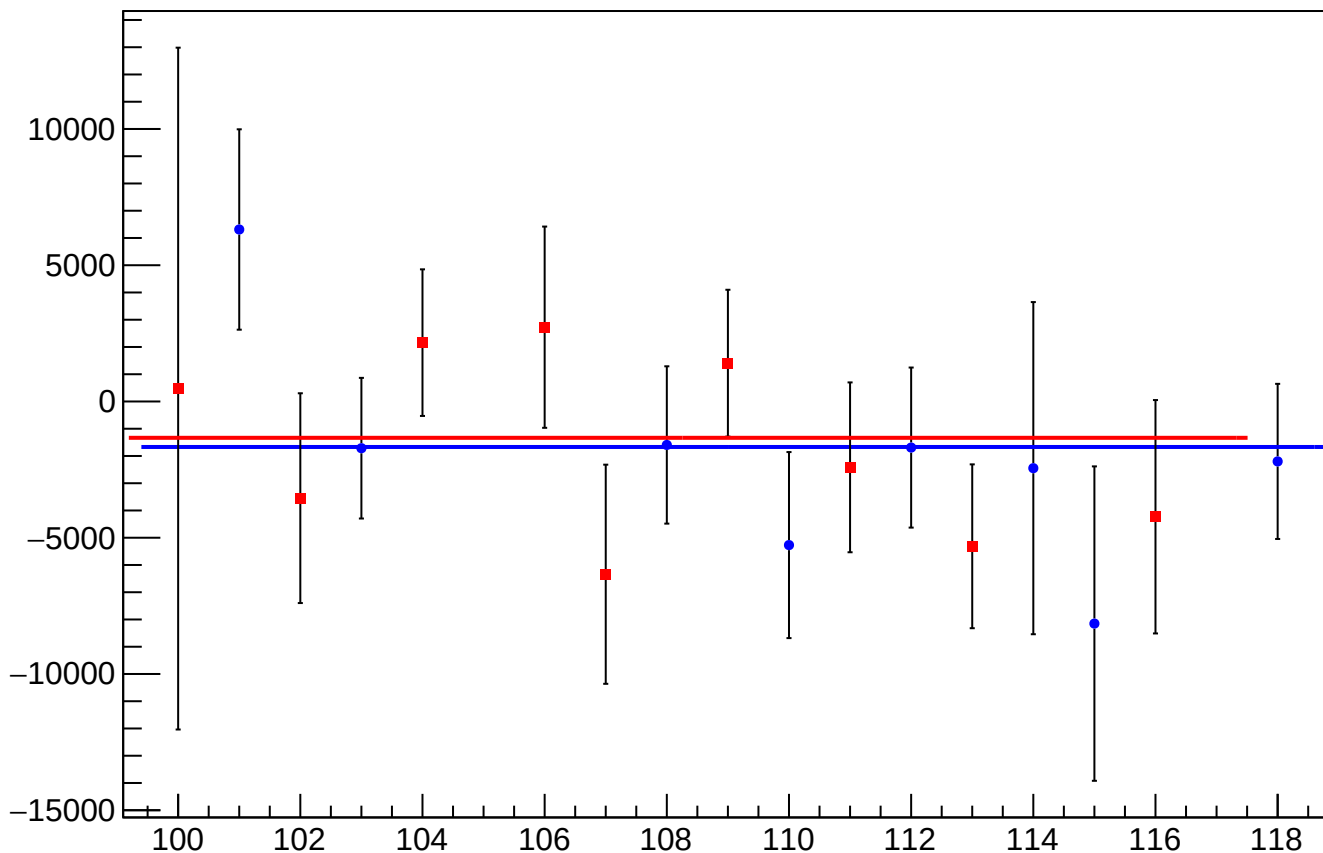
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.982+/-0.631 χ^2/NDF : 558047.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1669.601 $\pm$ 1173.420 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1333.033 $\pm$ 1152.241 χ^2 /NDF: 8.2/8

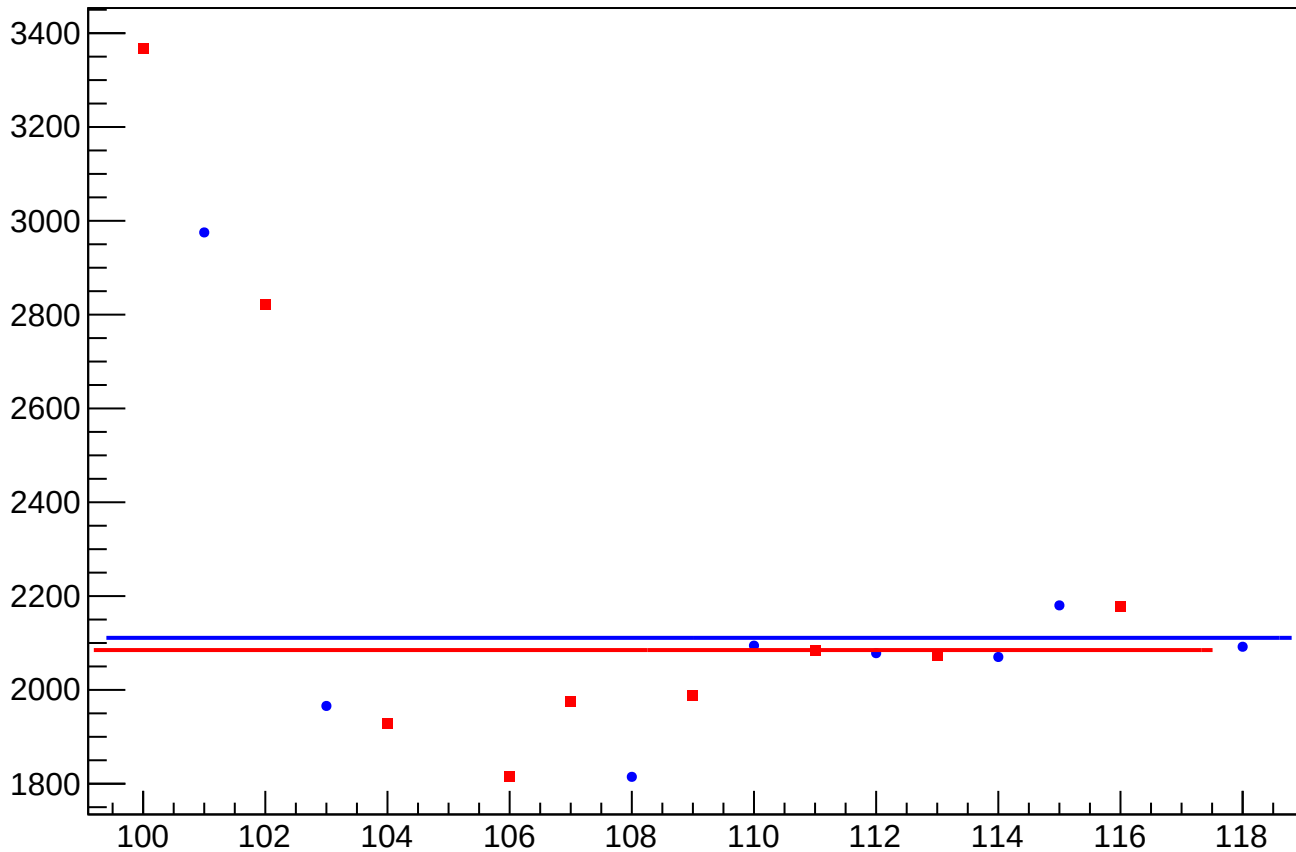
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1498.252 $\pm$ 822.143 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2110.988 $\pm$ 0.830 χ^2 /NDF: 138659.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2084.944 $\pm$ 0.815 χ^2 /NDF: 116643.4/8

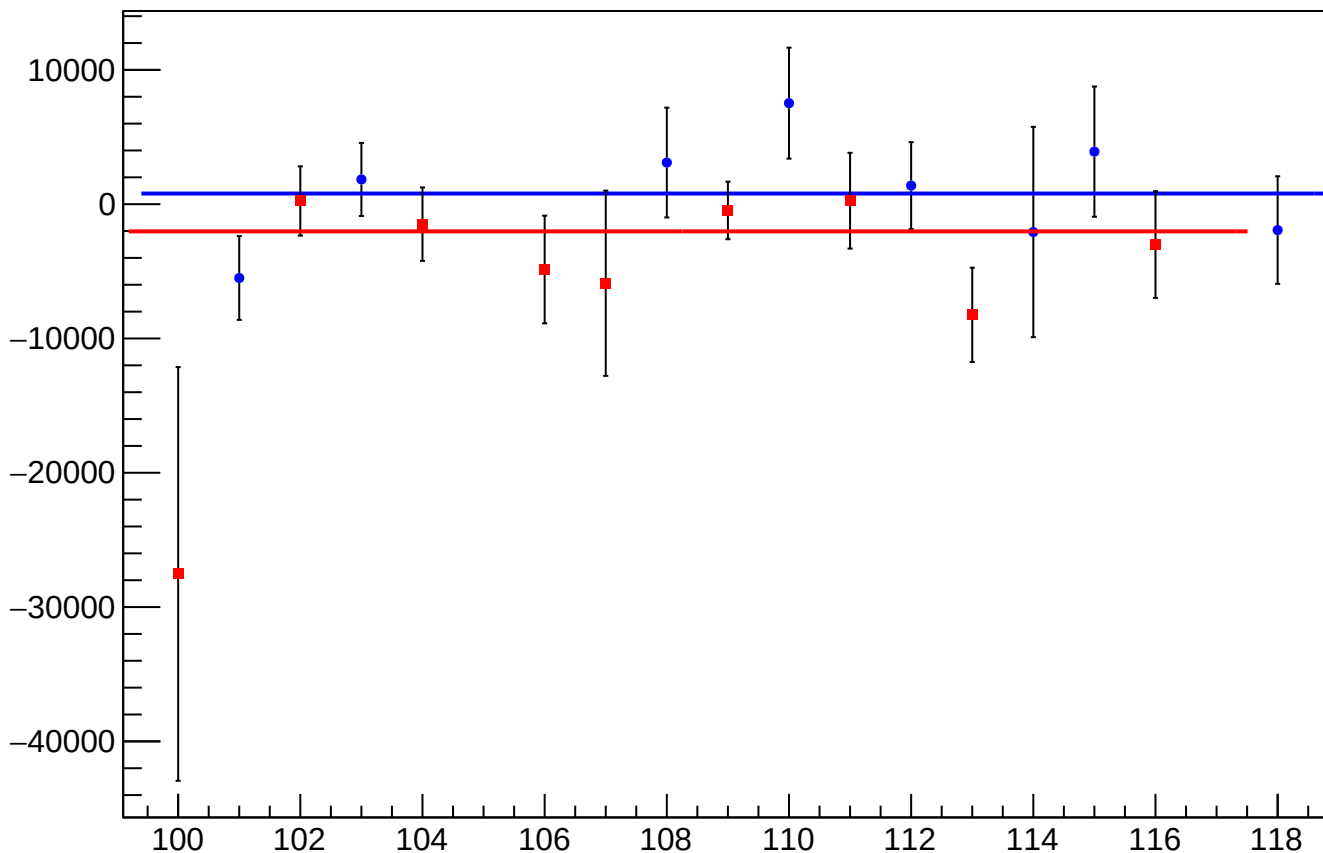
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2097.729 $\pm$ 0.581 χ^2 /NDF: 255804.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug



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: -2024.030+/-1109.217 χ^2/NDF : 8.5/8

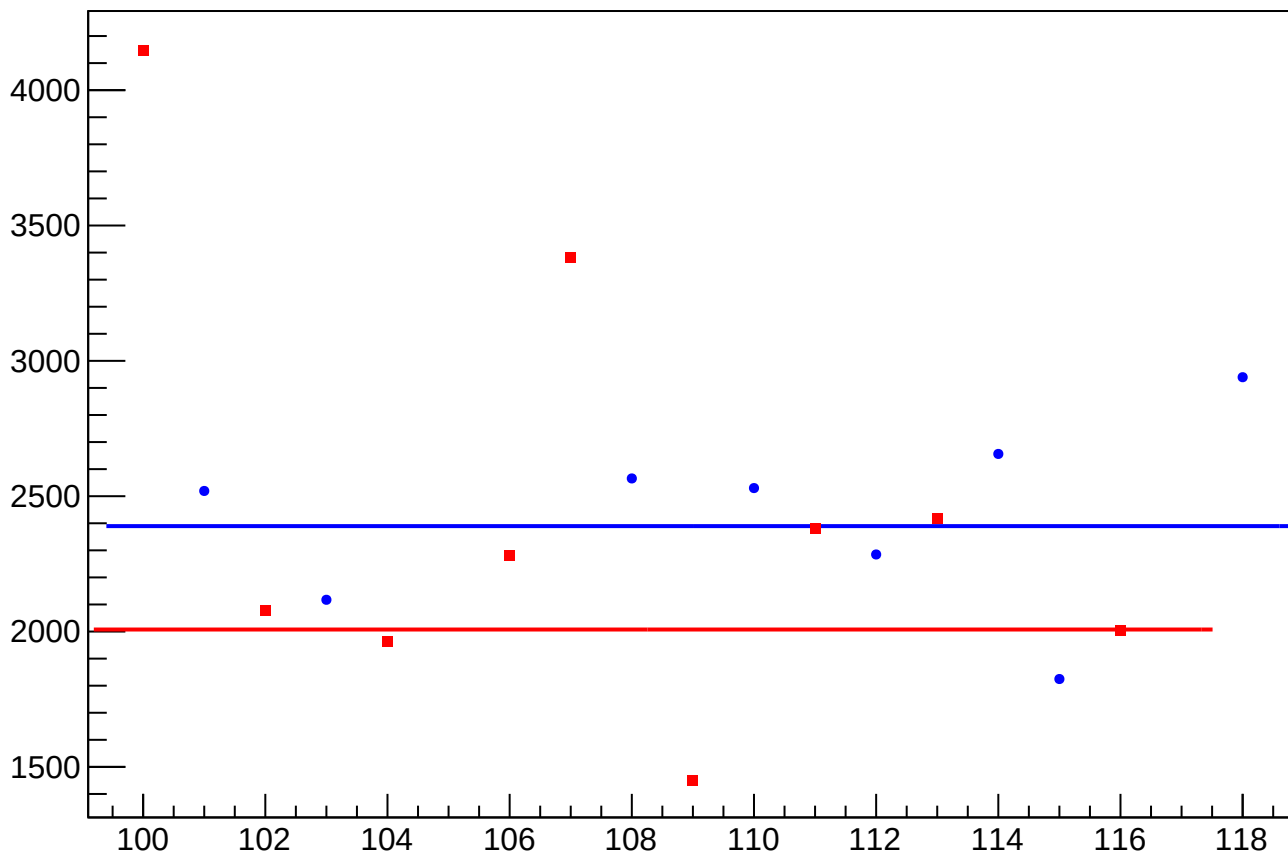
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.412+/-849.541 χ^2/NDF : 19.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2389.506 $\pm$ 0.934 χ^2 /NDF: 98758.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2007.499 $\pm$ 0.784 χ^2 /NDF: 313653.9/8

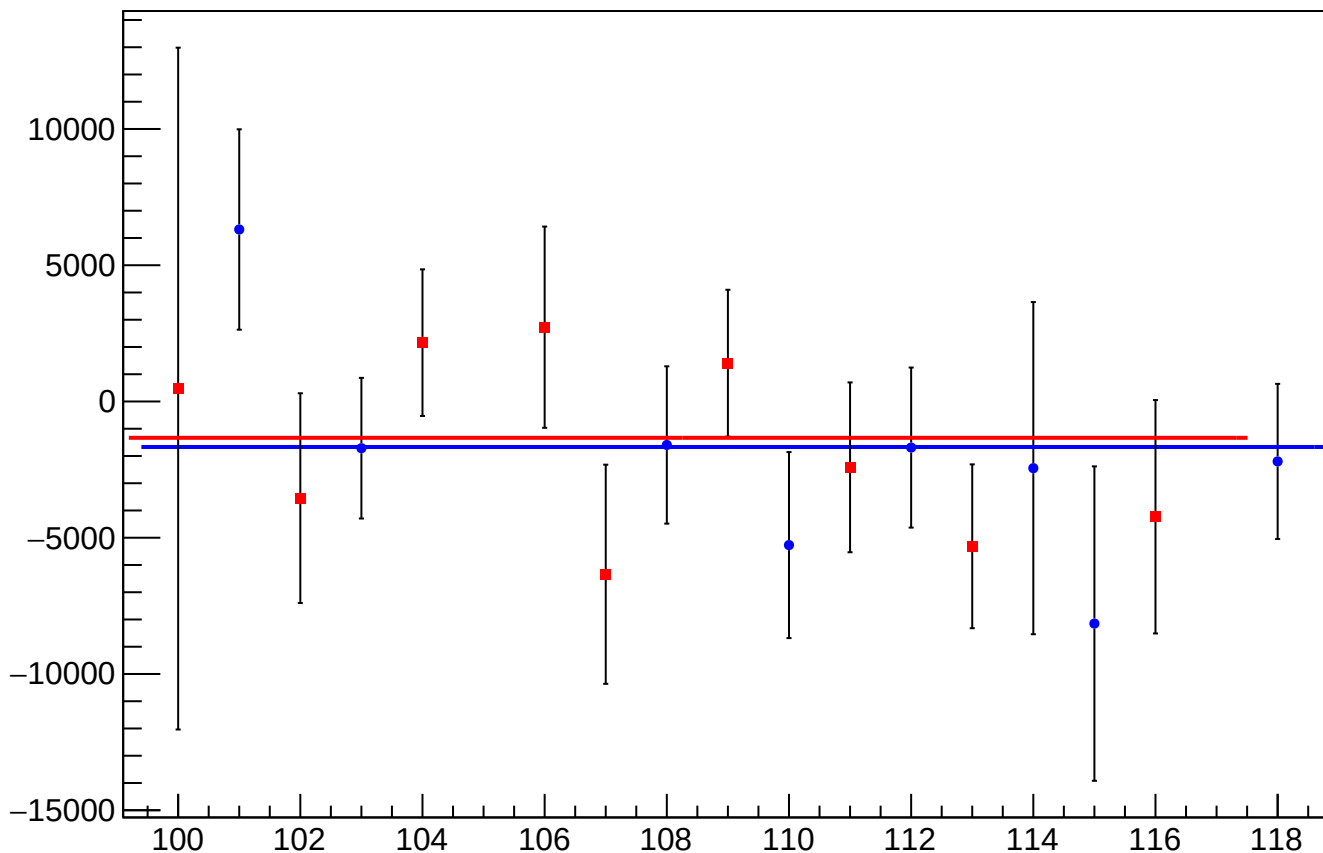
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2165.424 $\pm$ 0.601 χ^2 /NDF: 510478.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1669.594 $\pm$ 1173.420 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1333.030 $\pm$ 1152.241 χ^2 /NDF: 8.2/8

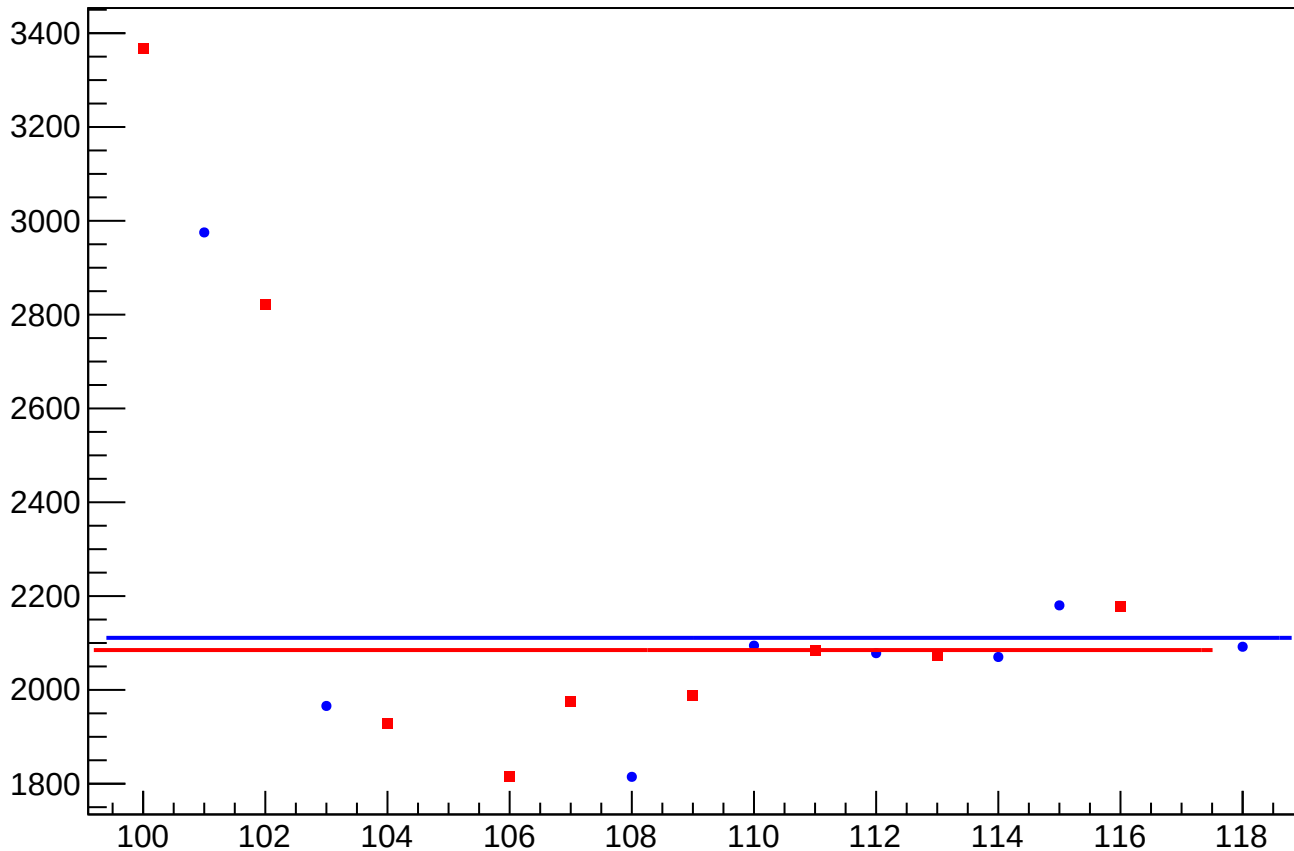
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1498.247 $\pm$ 822.143 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2110.988 $\pm$ 0.830 χ^2 /NDF: 138659.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2084.944 $\pm$ 0.815 χ^2 /NDF: 116643.3/8

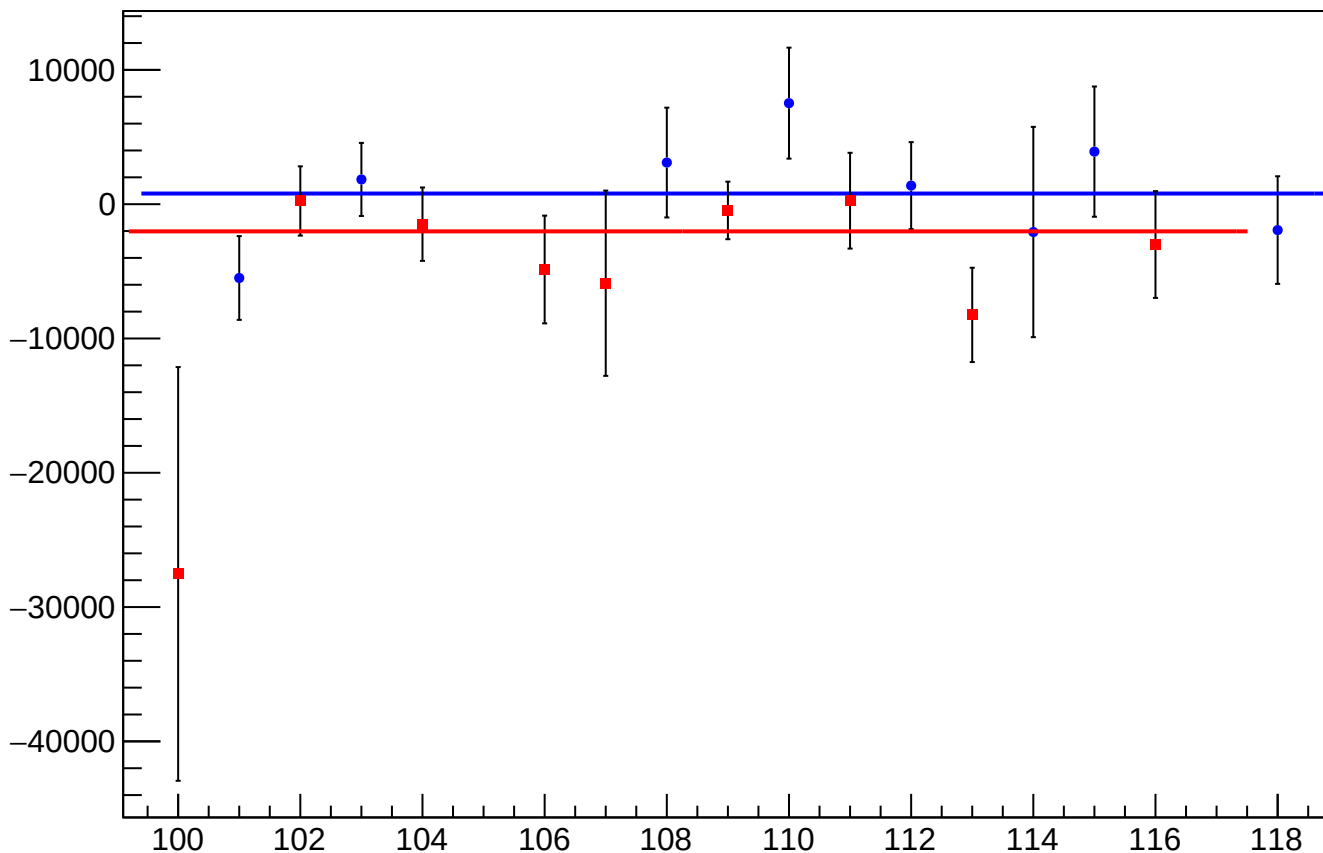
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2097.729 $\pm$ 0.581 χ^2 /NDF: 255803.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug



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: -2024.037+/-1109.219 χ^2/NDF : 8.5/8

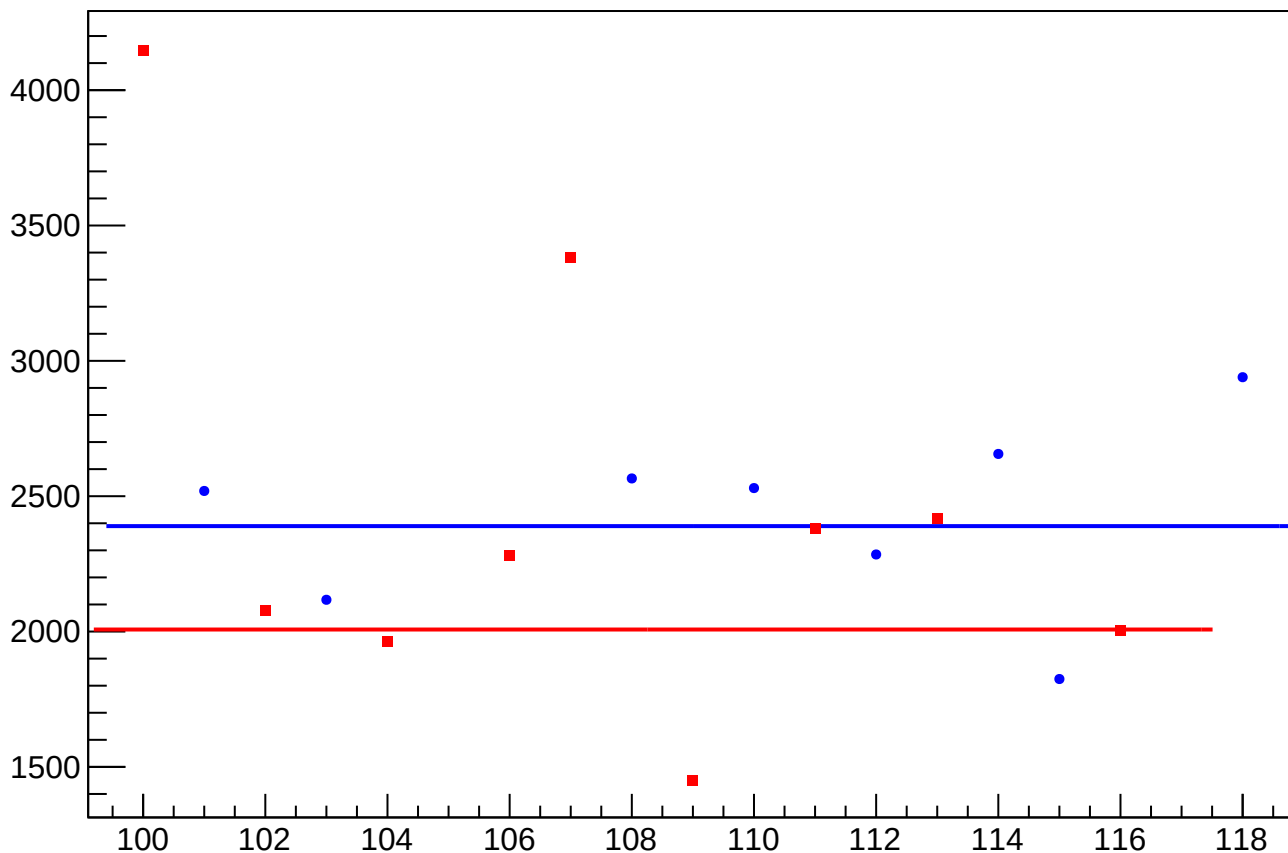
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.412+/-849.541 χ^2/NDF : 19.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2389.503 $\pm$ 0.934 χ^2 /NDF: 98754.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2007.505 $\pm$ 0.784 χ^2 /NDF: 313644.6/8

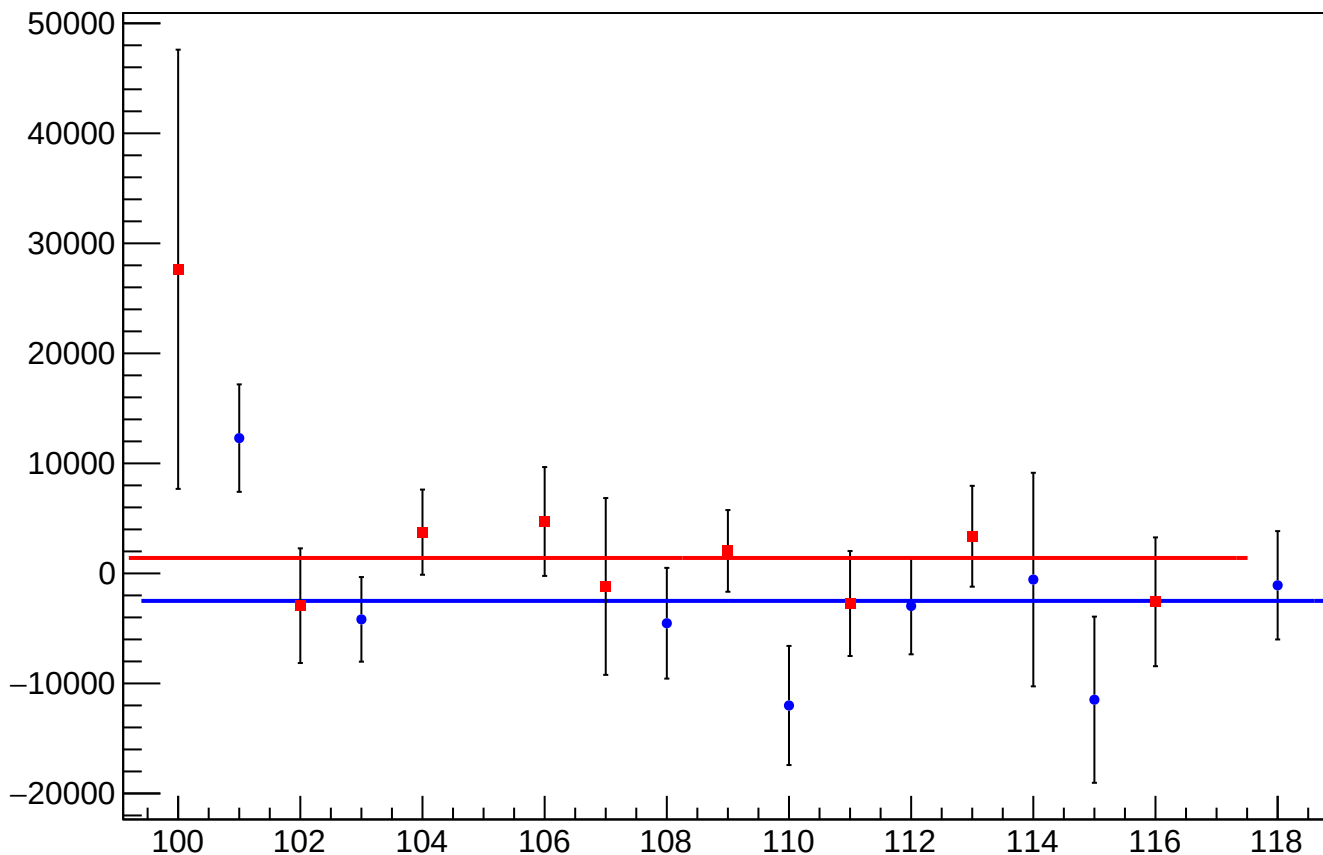
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2165.427 $\pm$ 0.601 χ^2 /NDF: 510461.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -2498.148 $\pm$ 1812.498 χ^2 /NDF: 14.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1404.515 $\pm$ 1676.707 χ^2 /NDF: 4.8/8

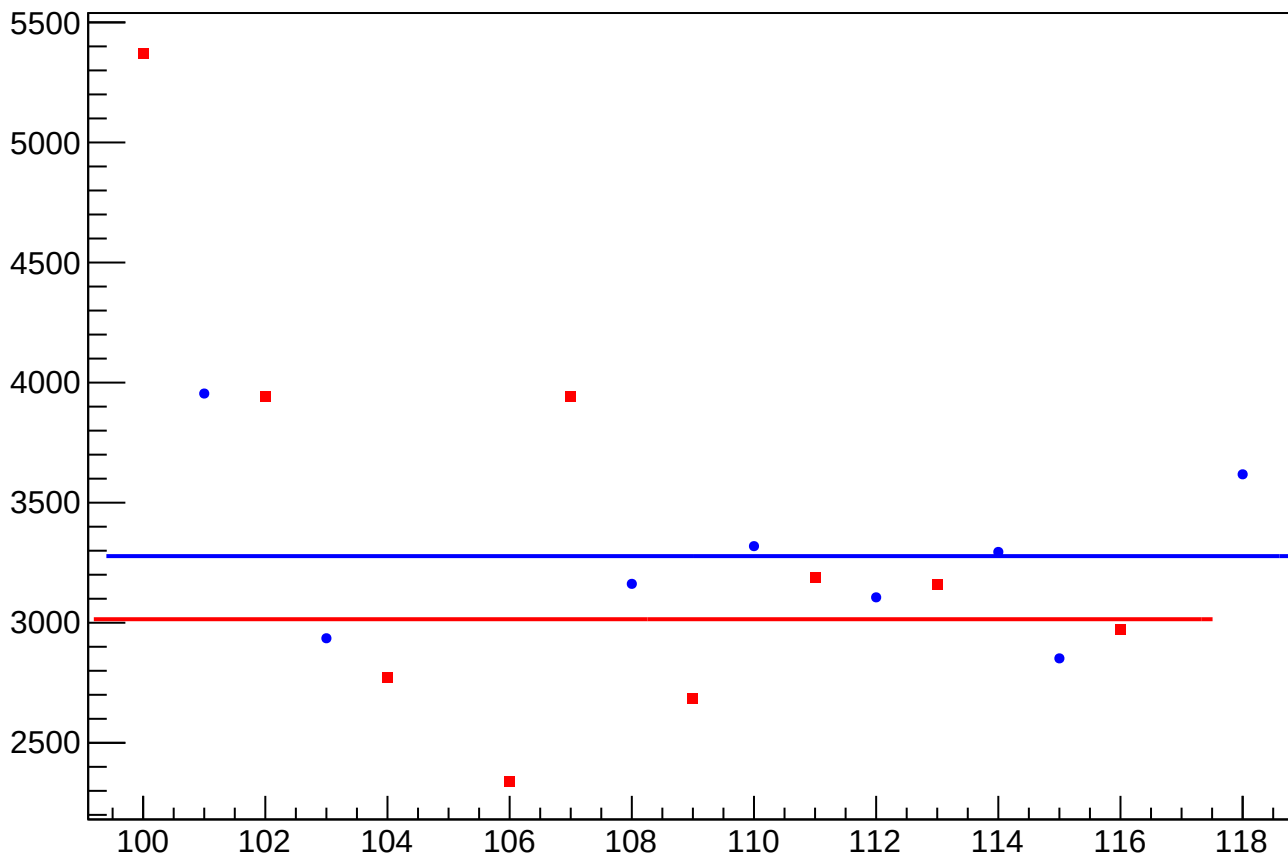
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -395.164 $\pm$ 1230.820 χ^2 /NDF: 21.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



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: 3014.717+/-1.186 χ^2/NDF : 183899.0/8

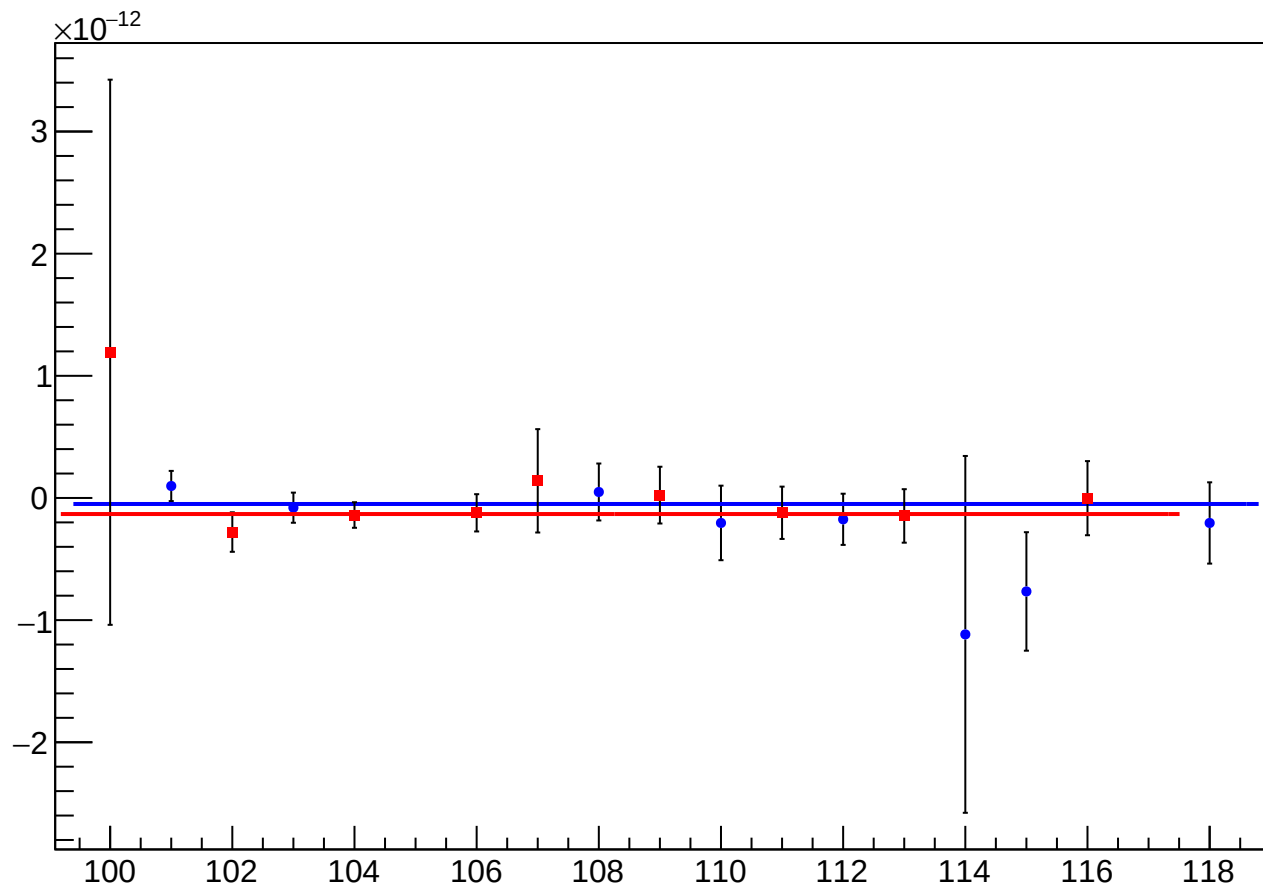
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3135.885+/-0.870 χ^2/NDF : 280982.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug



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 : 2.2/8

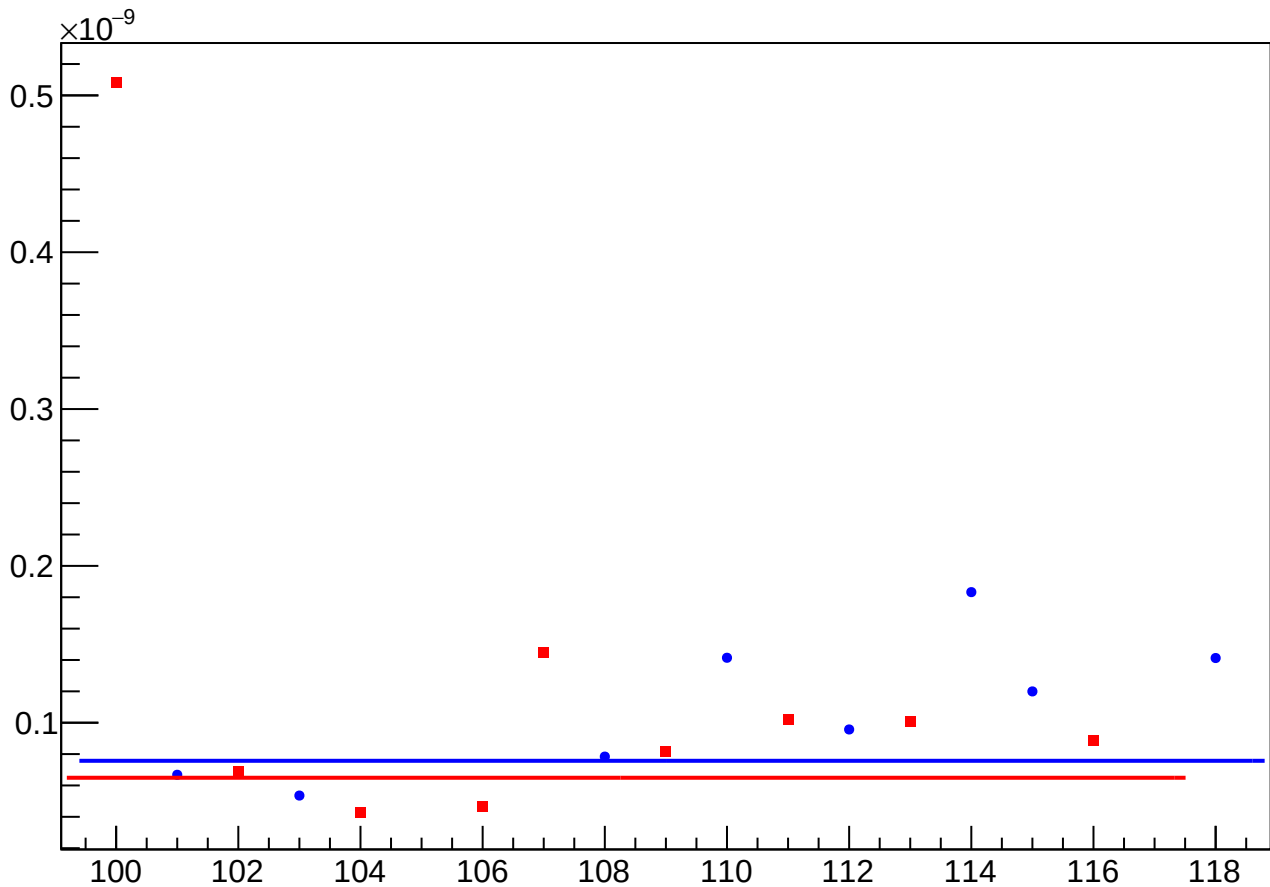
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug



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 : 407627.9/8

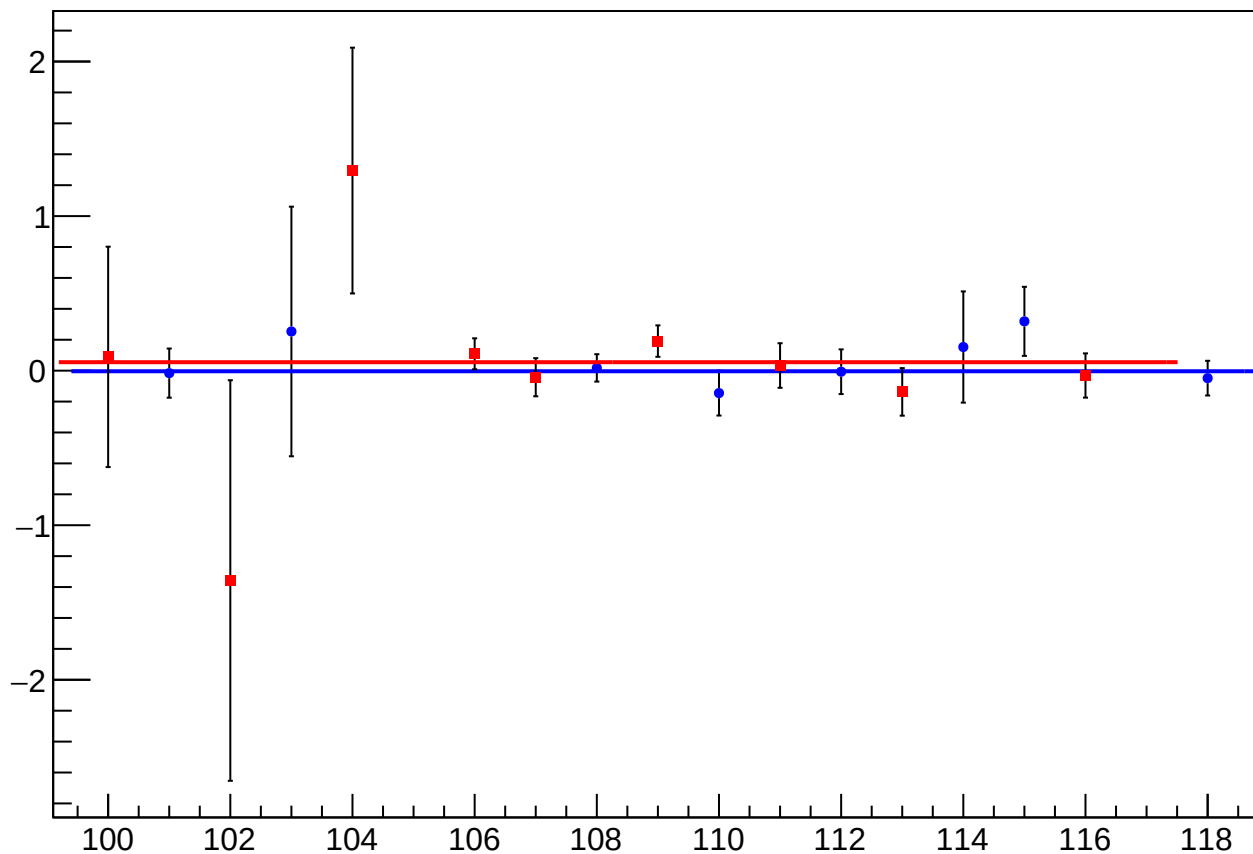
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 724626.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.052 χ^2 /NDF: 3.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.055 $\pm$ 0.050 χ^2 /NDF: 8.3/8

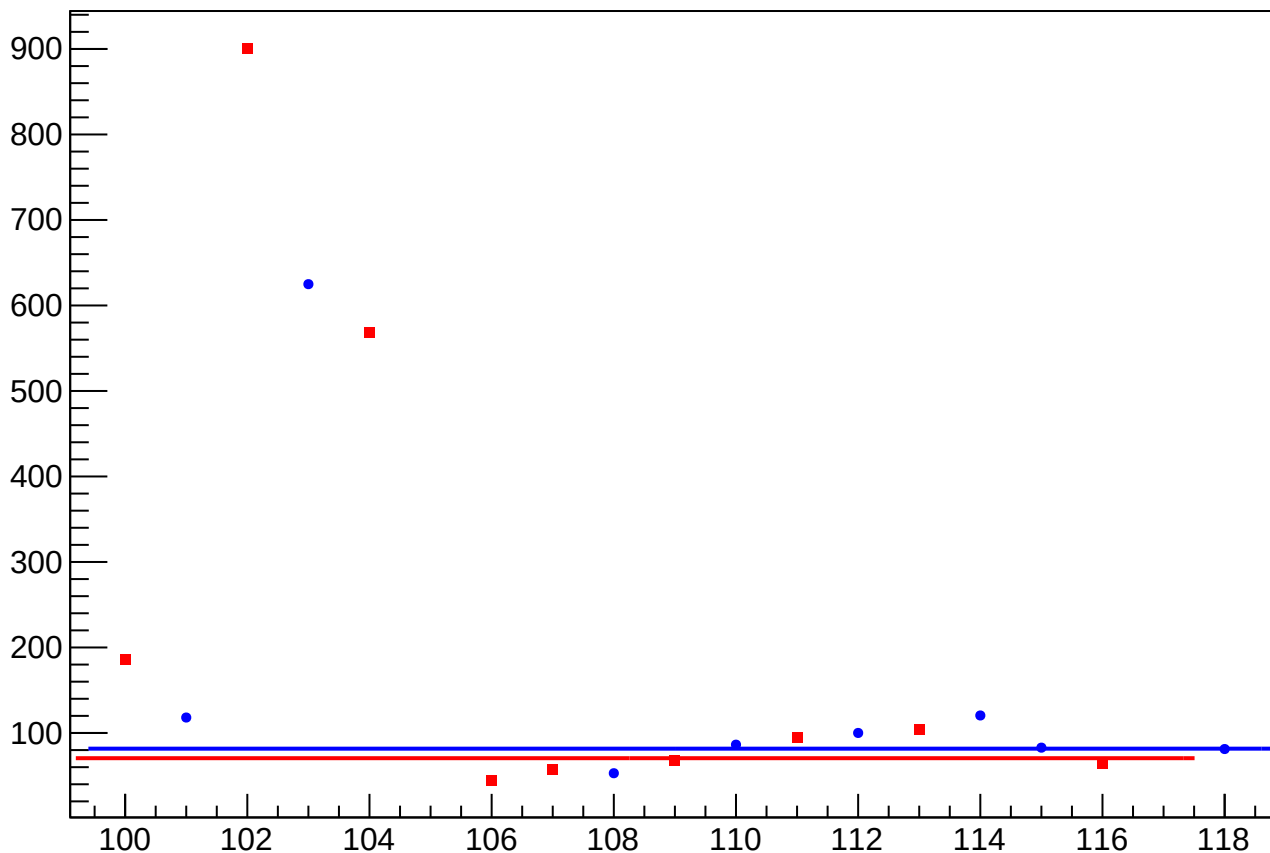
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.036 χ^2 /NDF: 12.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug



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: 70.498+/-0.035 χ^2/NDF : 1980306.4/8

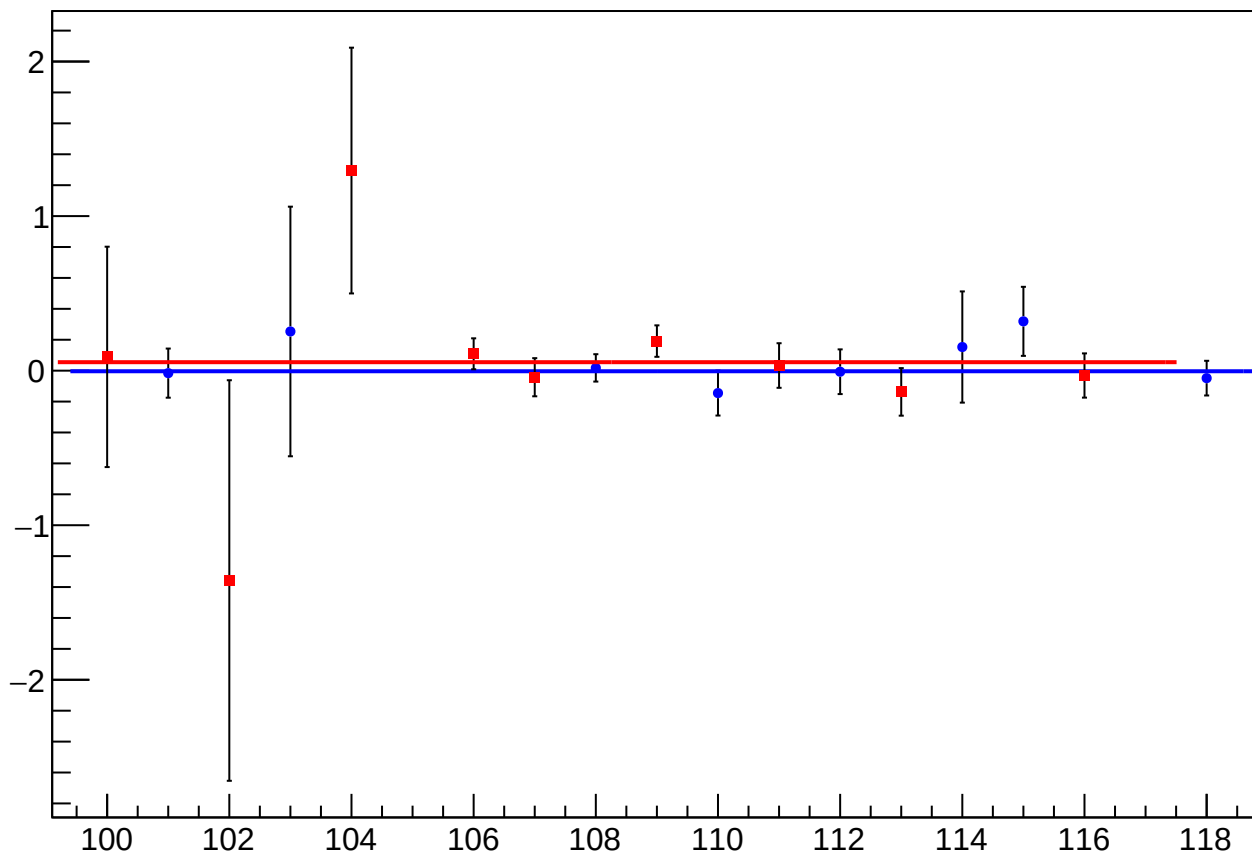
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.829+/-0.025 χ^2/NDF : 3306869.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.055 ± 0.050 χ^2/NDF : 8.3/8

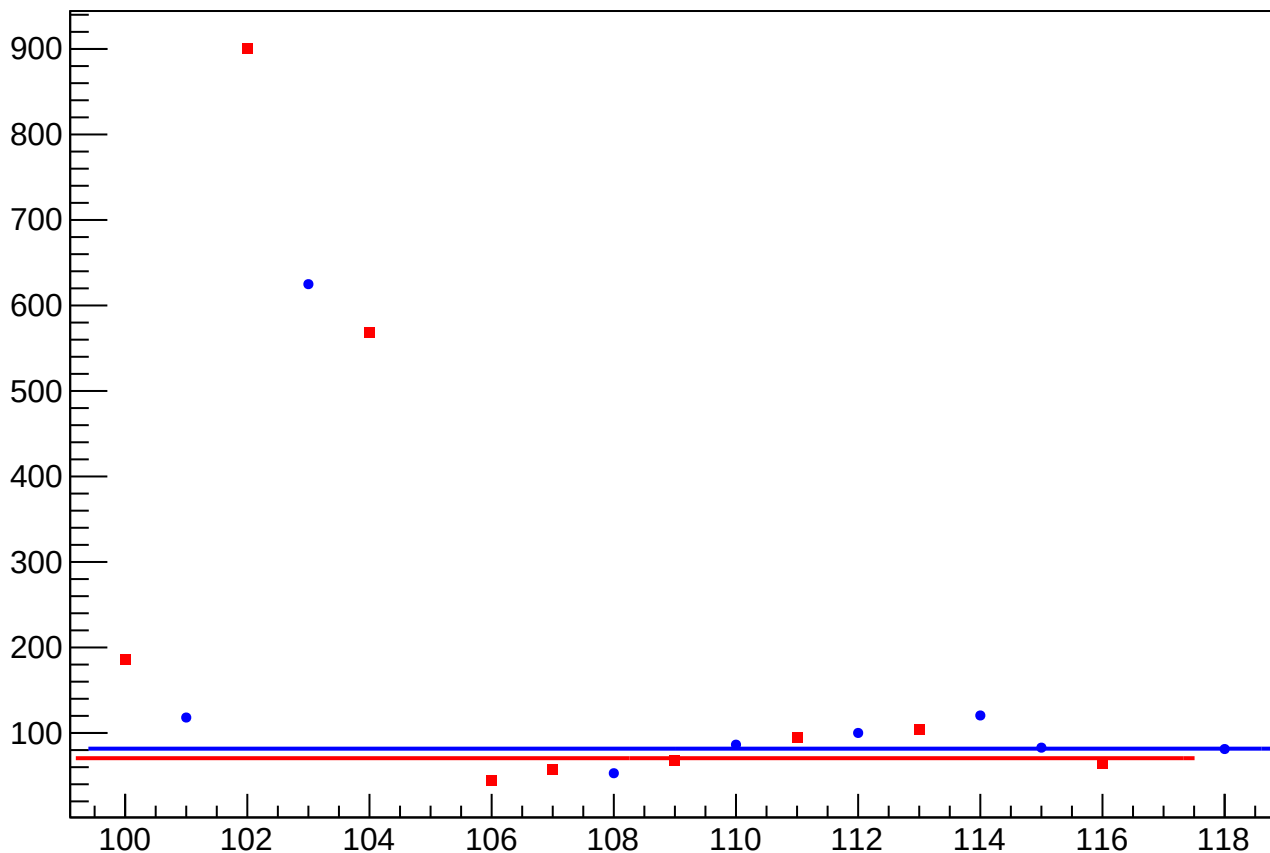
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.027 ± 0.036 χ^2/NDF : 12.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 70.498+/-0.035 χ^2/NDF : 1980306.4/8

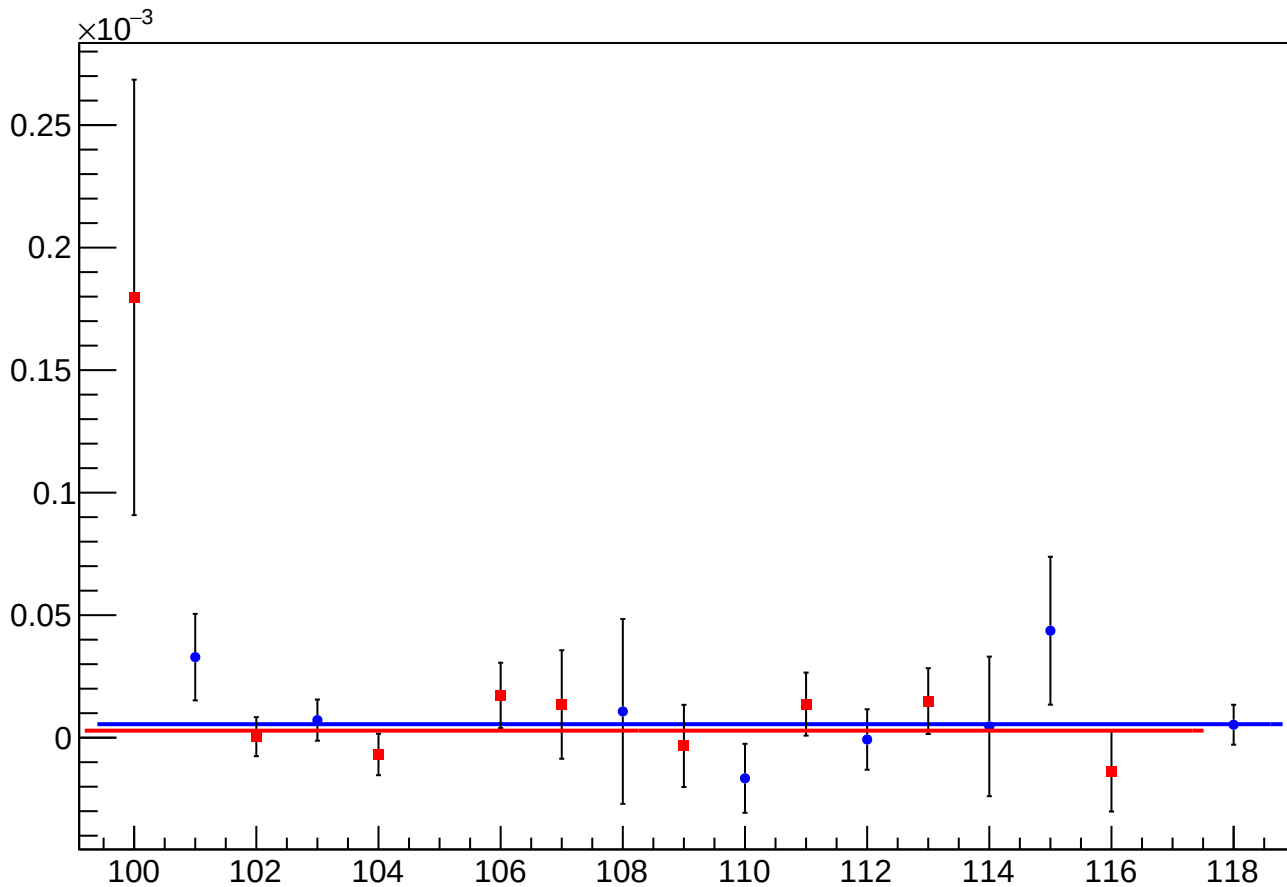
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.829+/-0.025 χ^2/NDF : 3306869.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.4/8

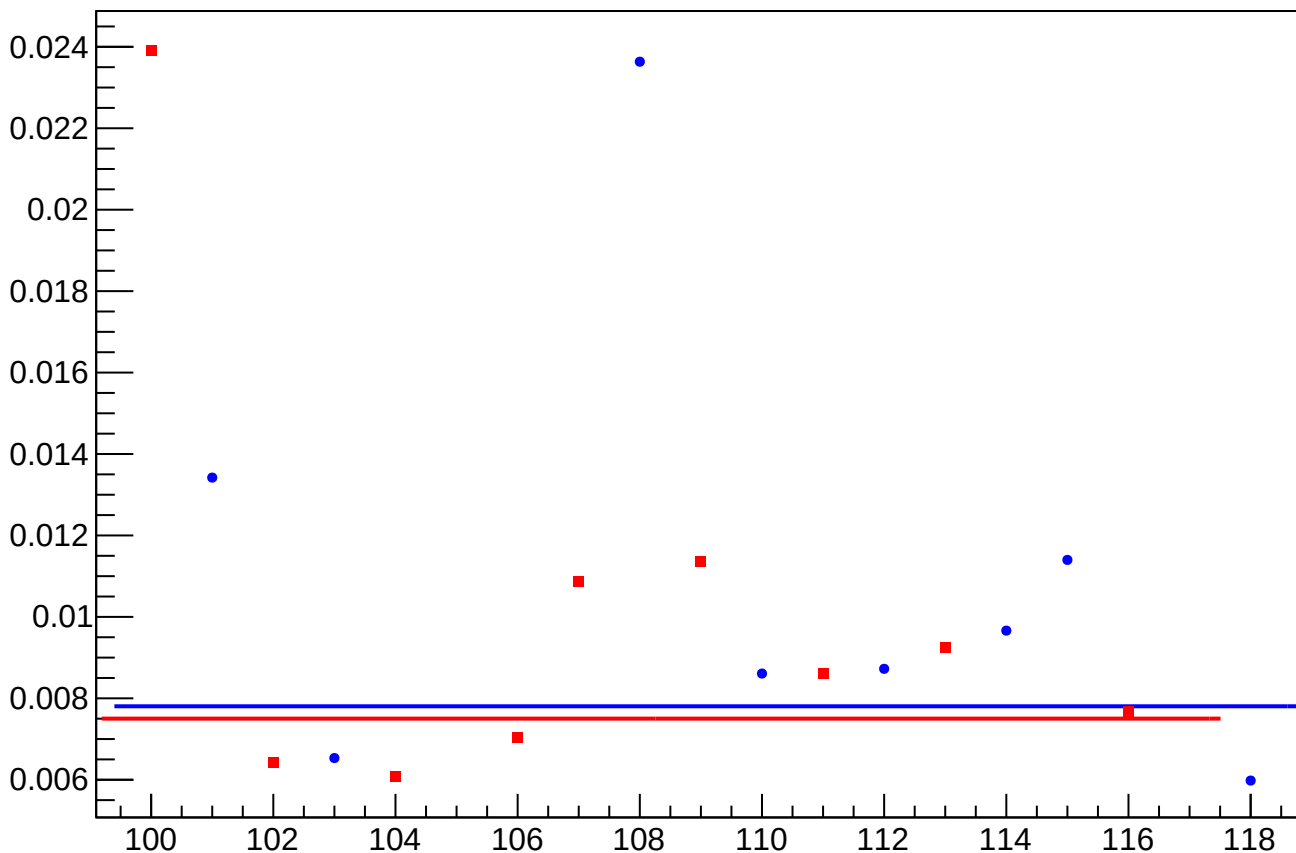
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 0.008+/-0.000 χ^2/NDF : 364837.7/8

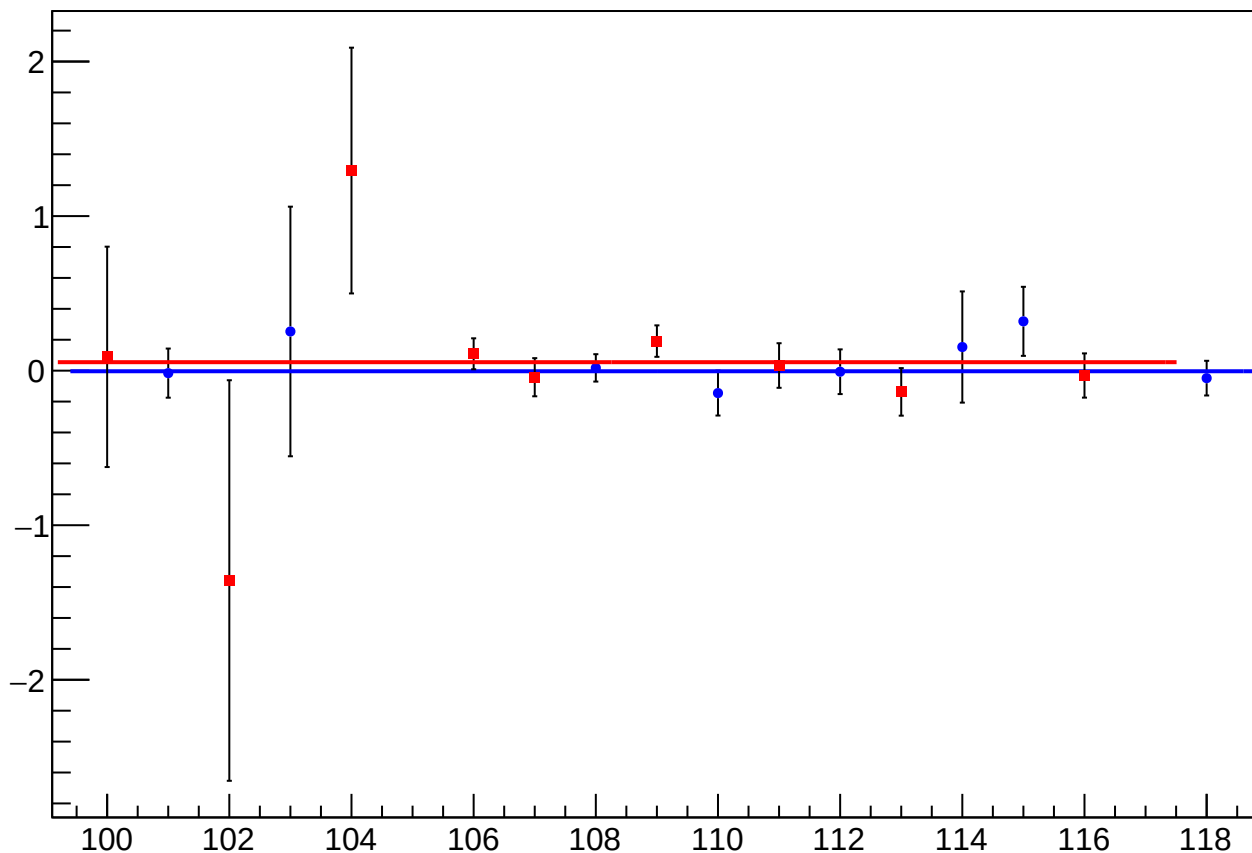
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1124797.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.052 χ^2 /NDF: 3.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.055 $\pm$ 0.050 χ^2 /NDF: 8.3/8

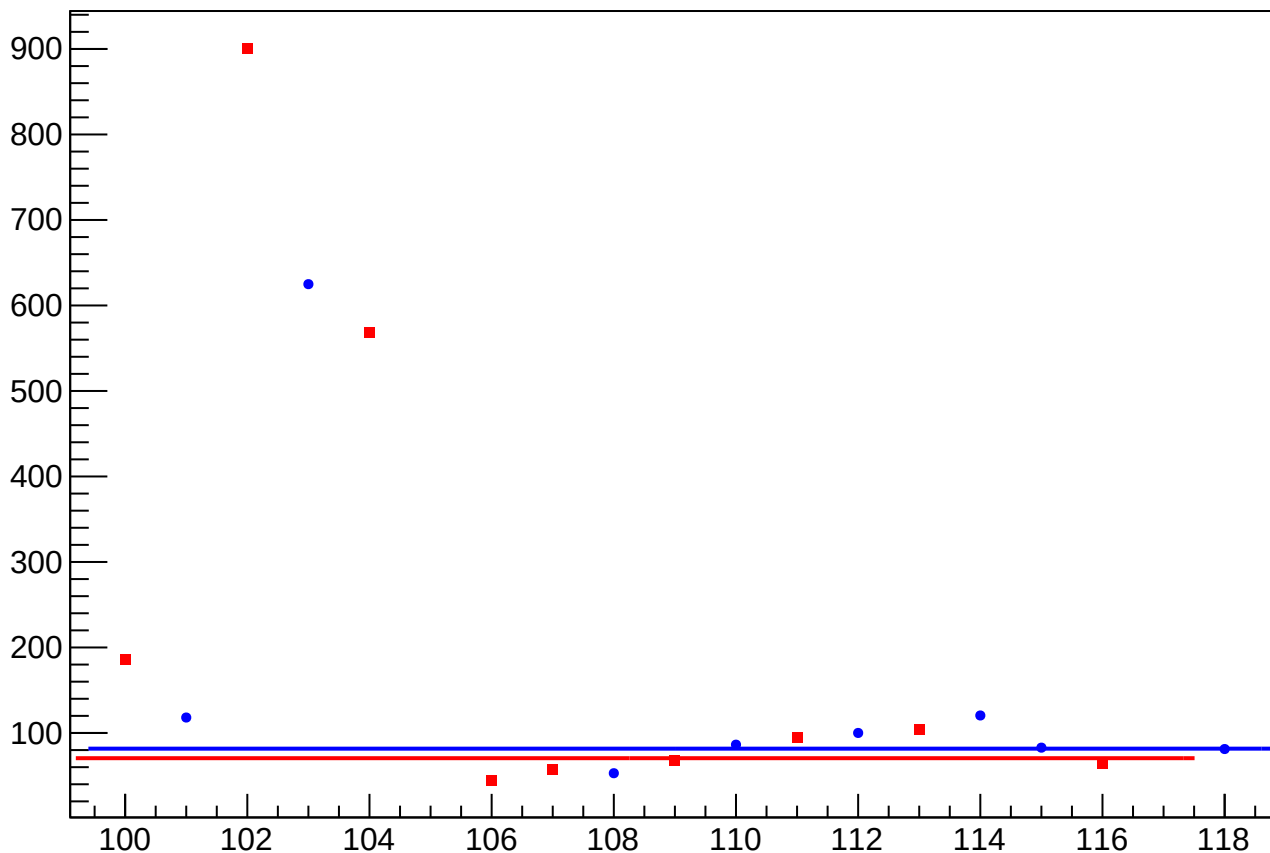
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.027 $\pm$ 0.036 χ^2 /NDF: 12.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 70.498+/-0.035 χ^2/NDF : 1980305.2/8

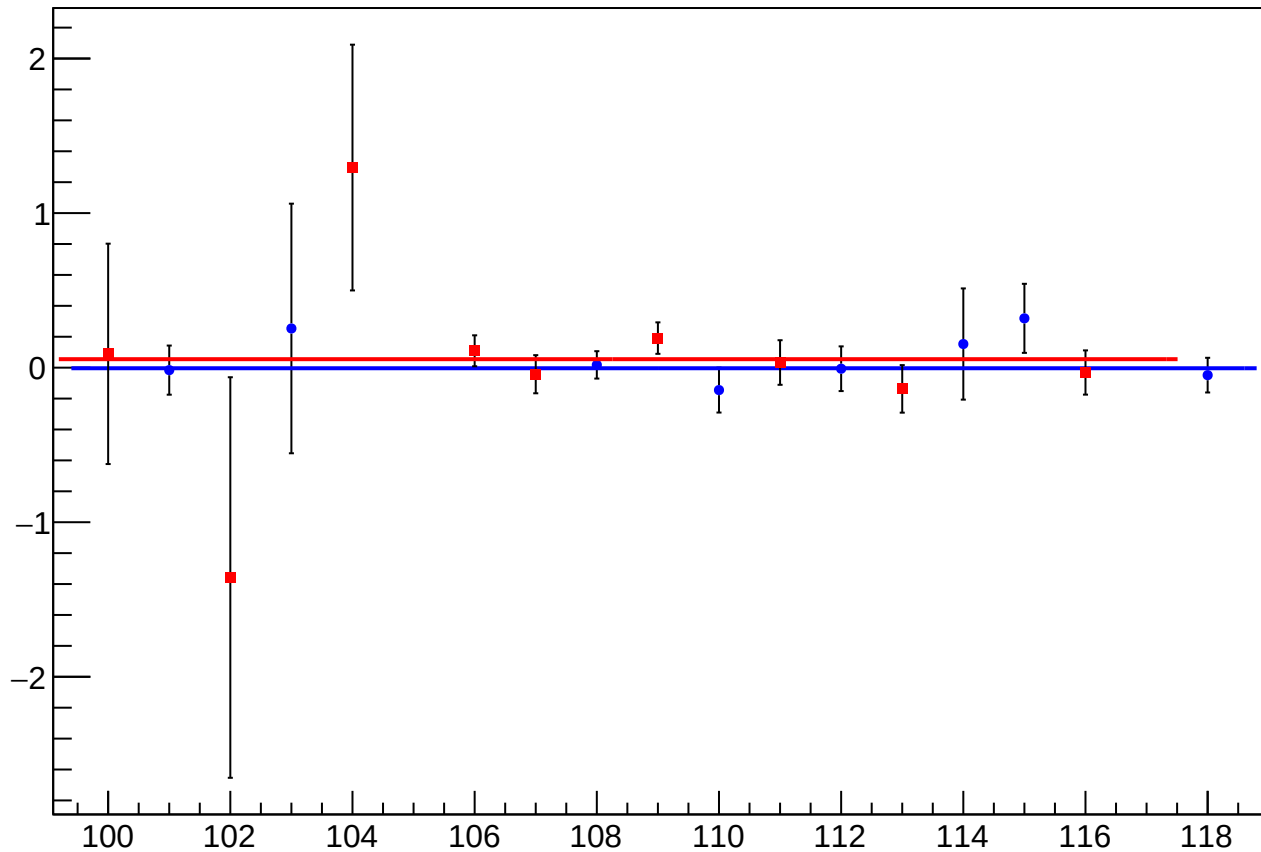
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.832+/-0.025 χ^2/NDF : 3306749.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.055+/-0.050 χ^2/NDF : 8.3/8

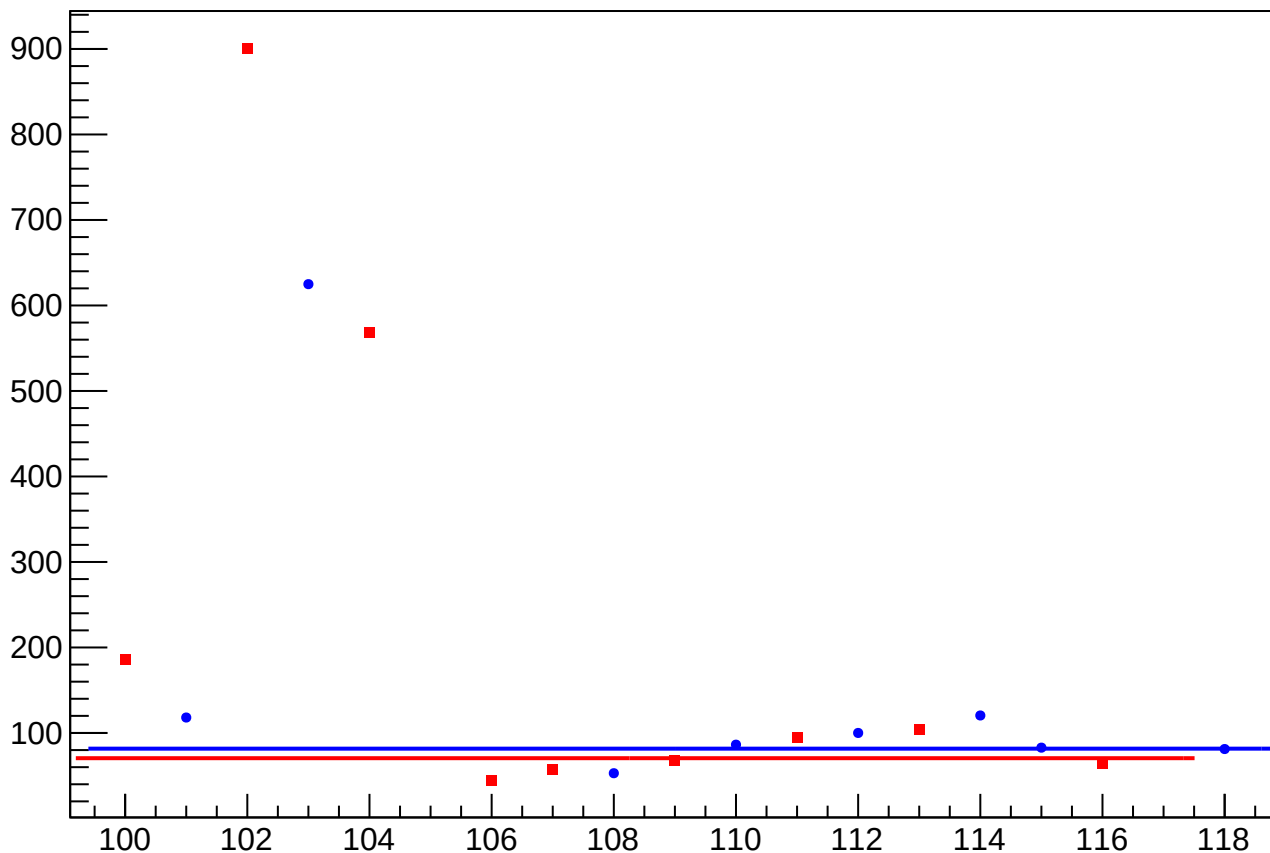
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.036 χ^2/NDF : 12.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 81.660 $\pm$ 0.037 χ^2 /NDF: 1278192.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.498 $\pm$ 0.035 χ^2 /NDF: 1980305.2/8

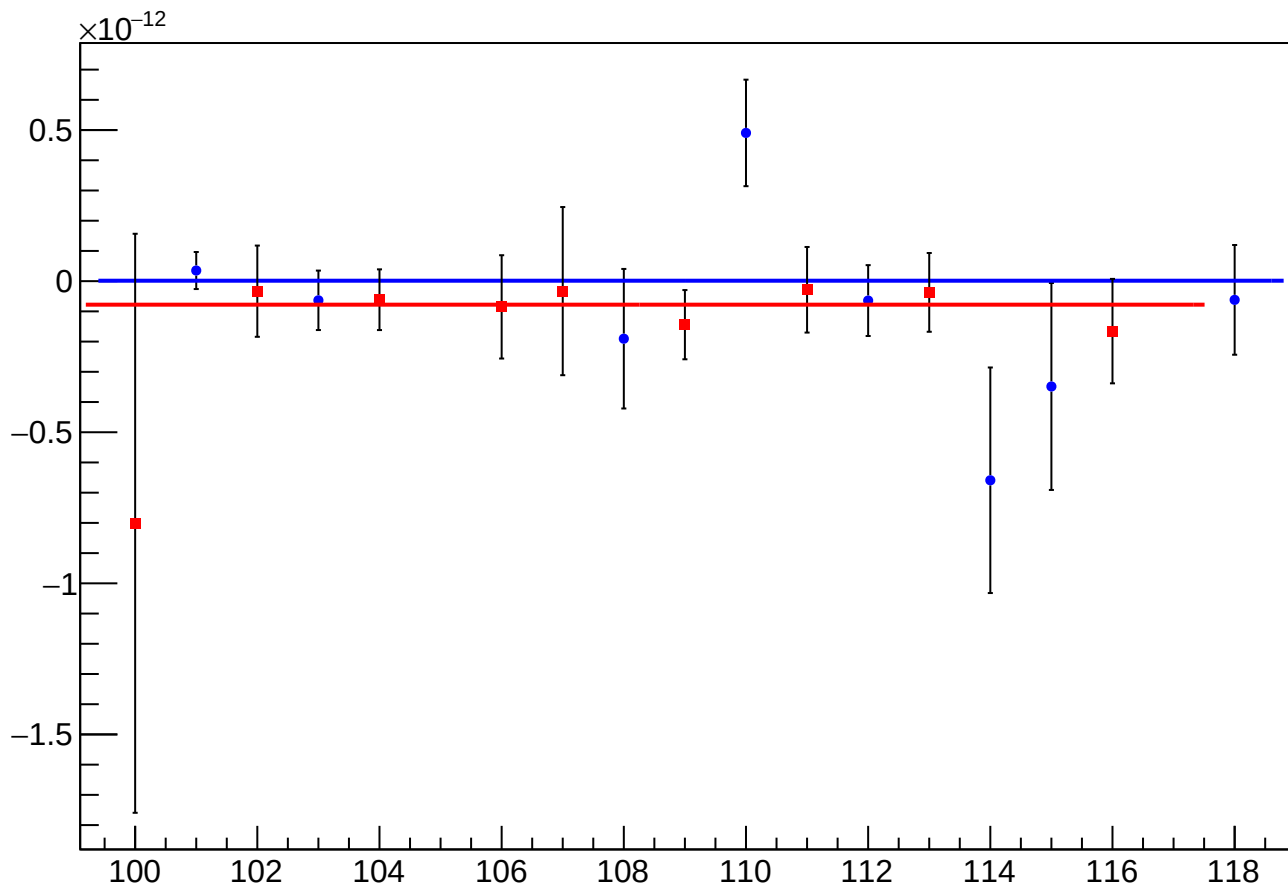
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.832 $\pm$ 0.025 χ^2 /NDF: 3306749.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/8

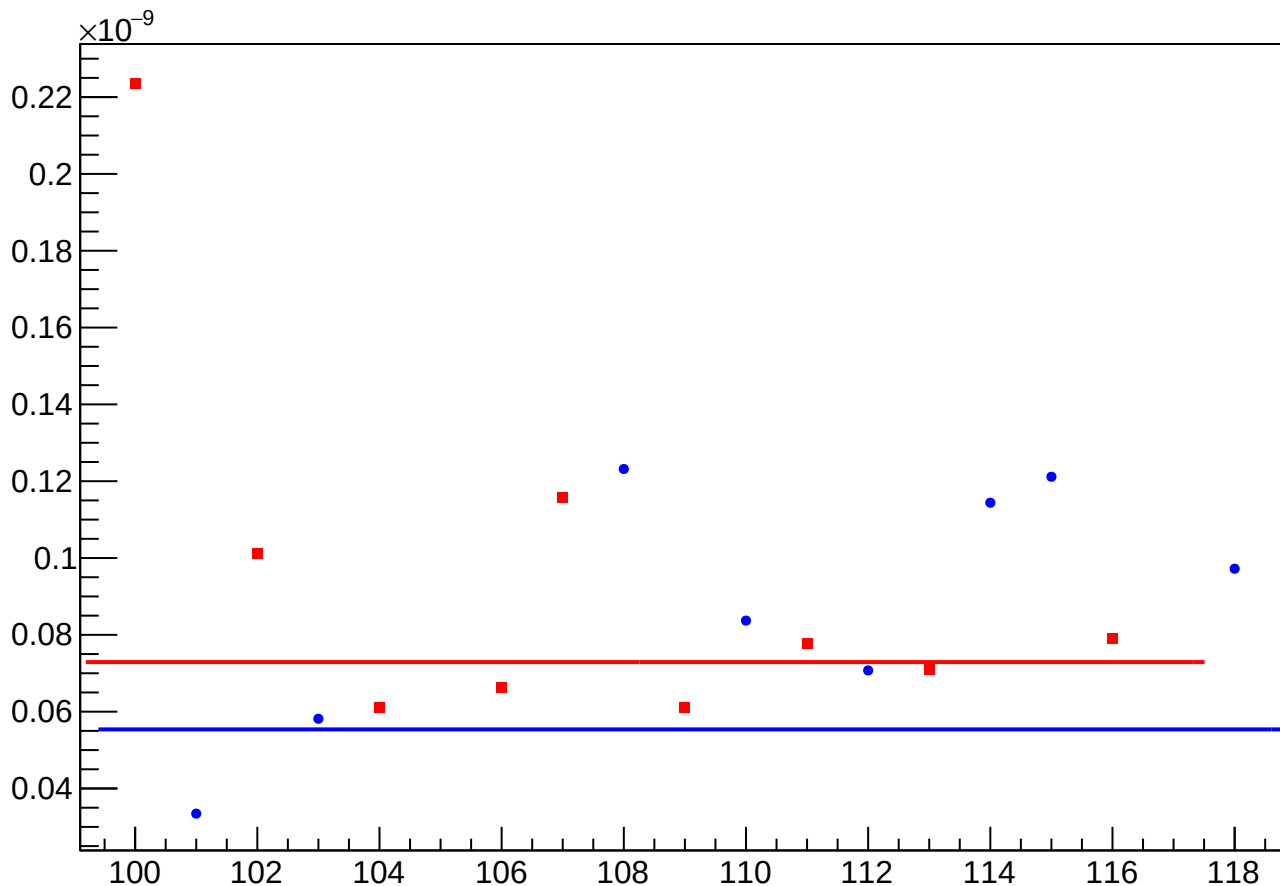
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 223791.2/8

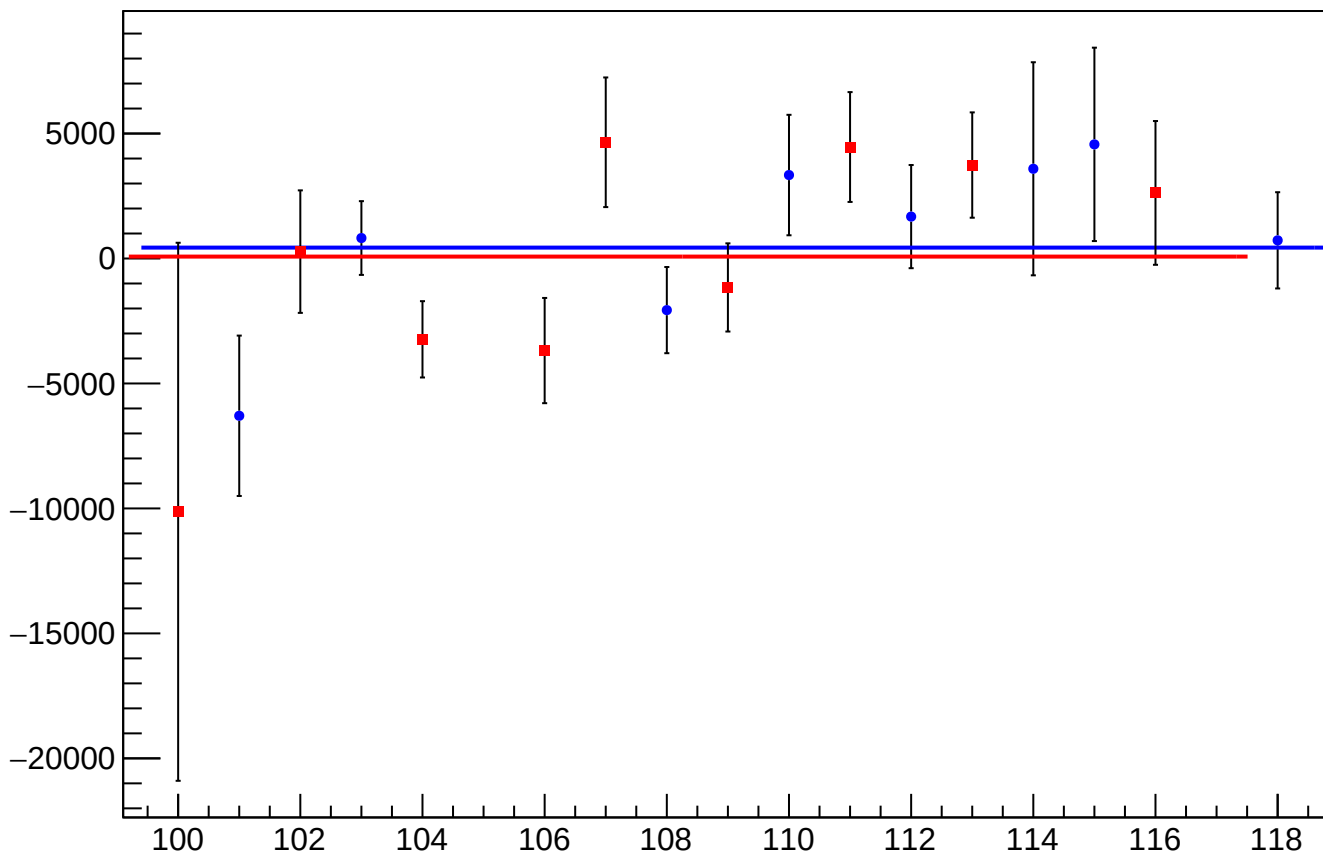
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1112708.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 435.972 $\pm$ 768.934 χ^2 /NDF: 10.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 76.585 $\pm$ 734.623 χ^2 /NDF: 20.2/8

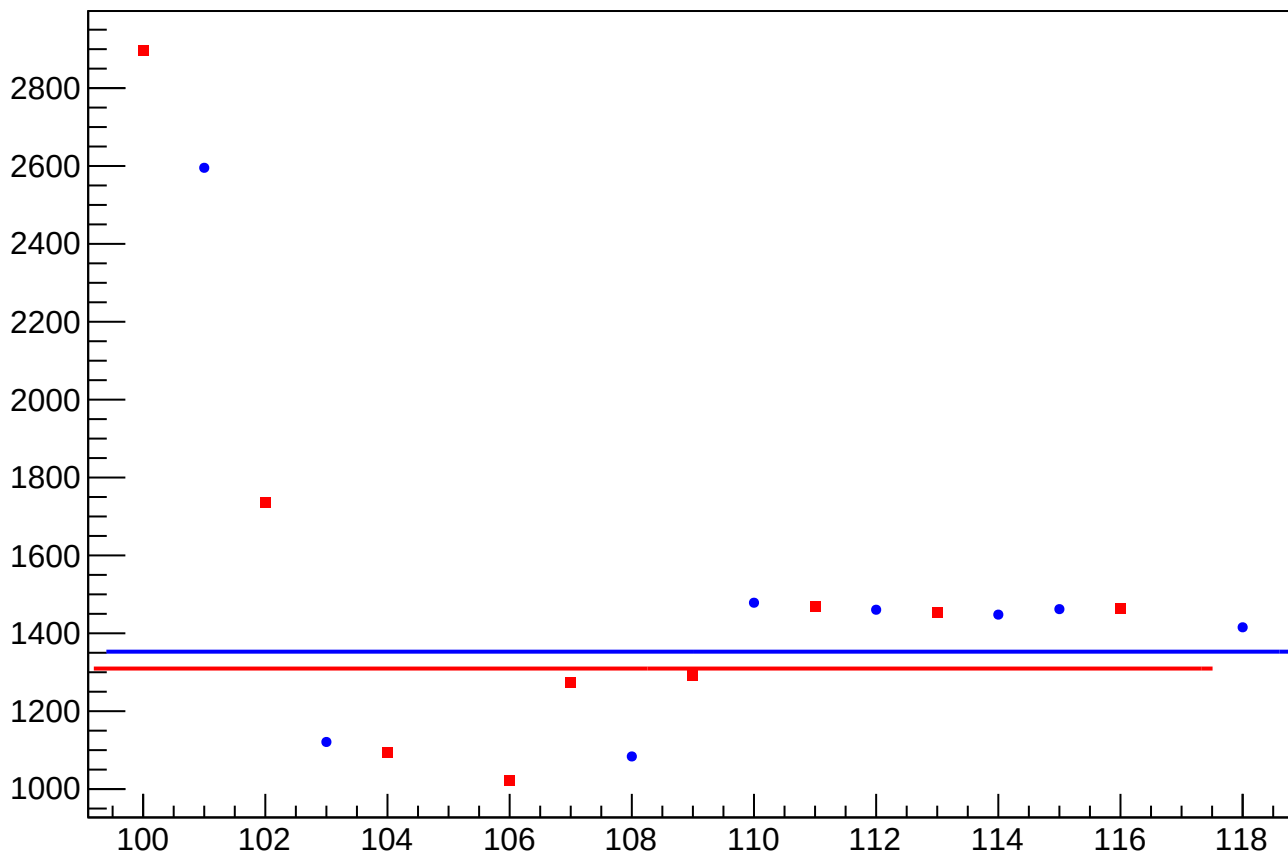
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 248.082 $\pm$ 531.172 χ^2 /NDF: 30.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1352.843 $\pm$ 0.544 χ^2 /NDF: 413589.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1309.504 $\pm$ 0.519 χ^2 /NDF: 207210.3/8

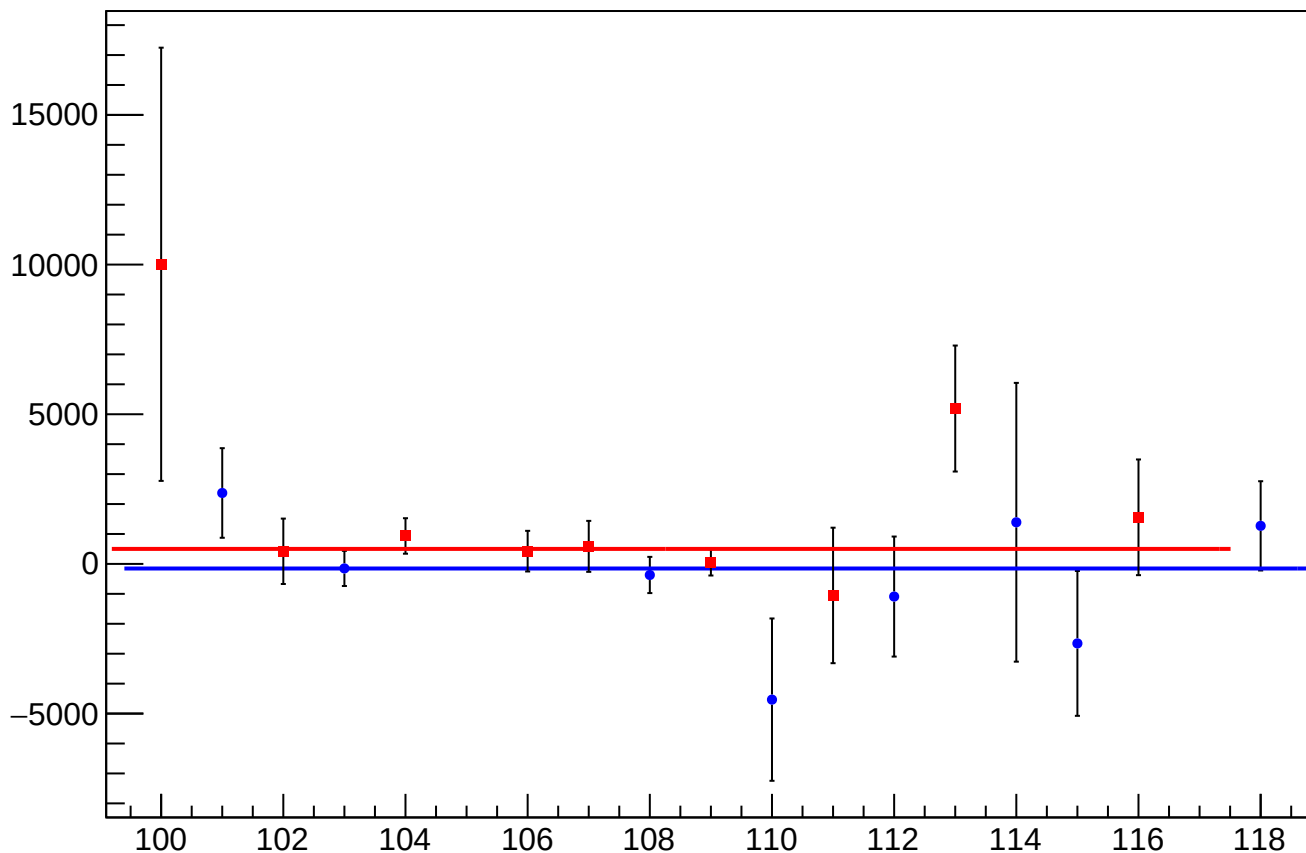
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1330.185 $\pm$ 0.376 χ^2 /NDF: 624121.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



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: 501.319+/-275.906 χ^2/NDF : 9.1/8

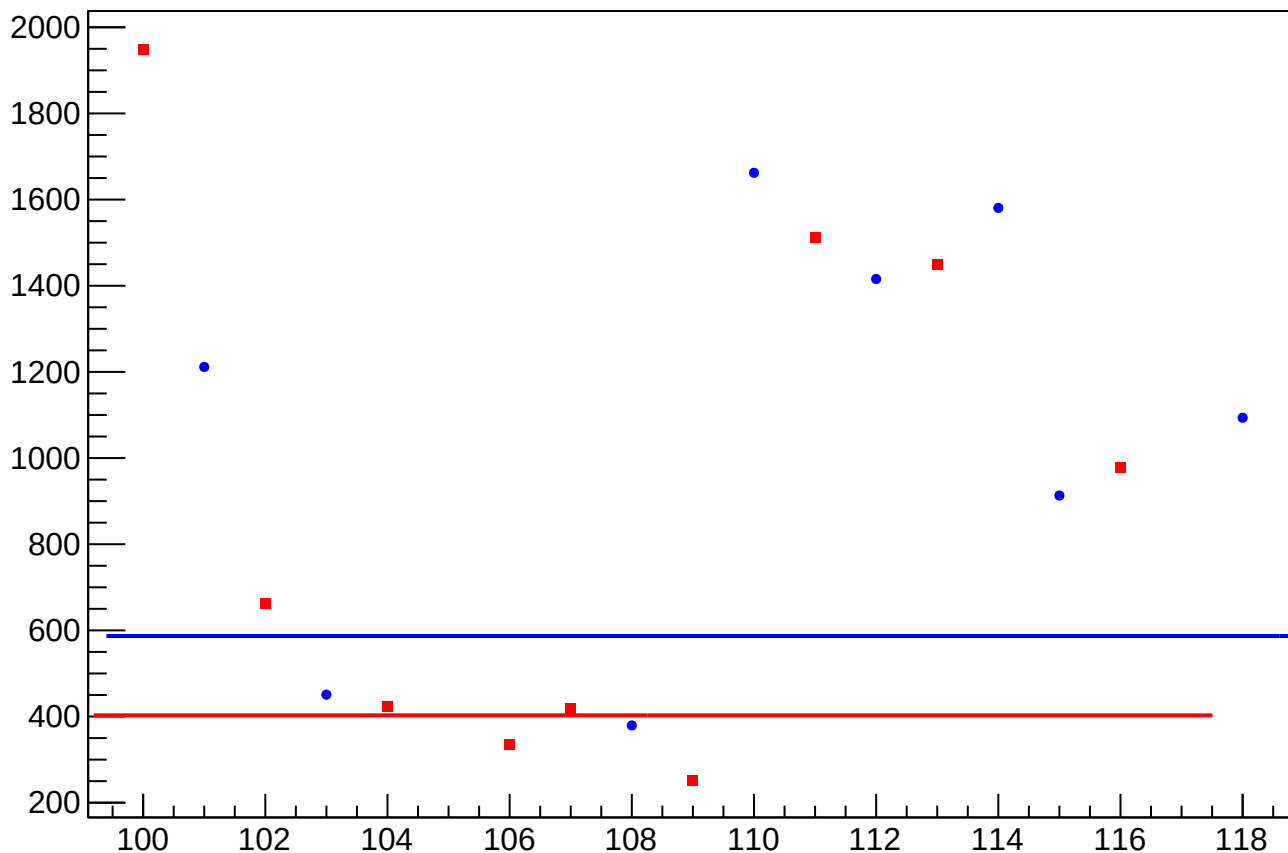
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 271.069+/-222.161 χ^2/NDF : 18.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 586.852 $\pm$ 0.265 χ^2 /NDF: 1705719.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 402.833 $\pm$ 0.195 χ^2 /NDF: 1619044.1/8

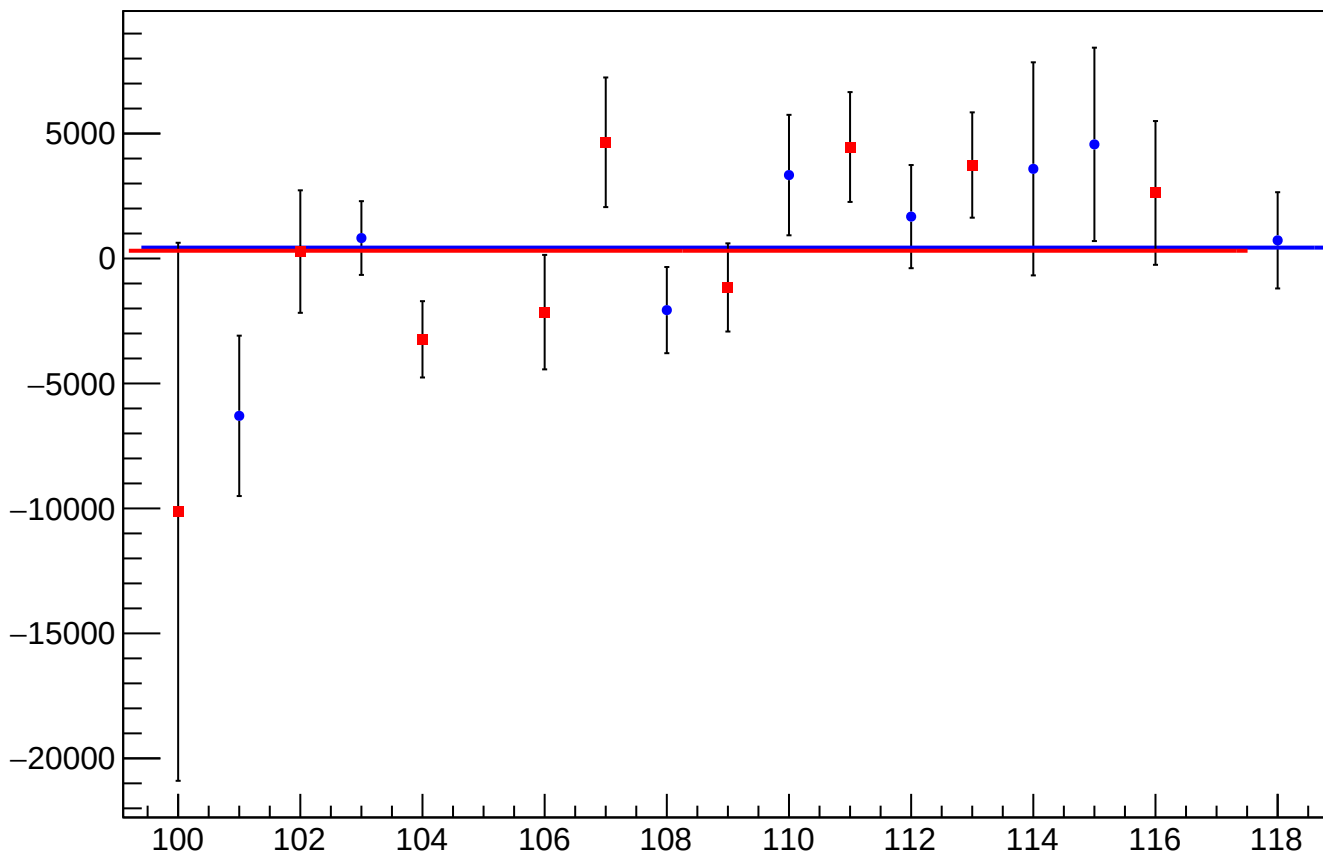
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 467.542 $\pm$ 0.157 χ^2 /NDF: 3637613.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



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: 310.521+/-741.641 χ^2/NDF : 17.8/8

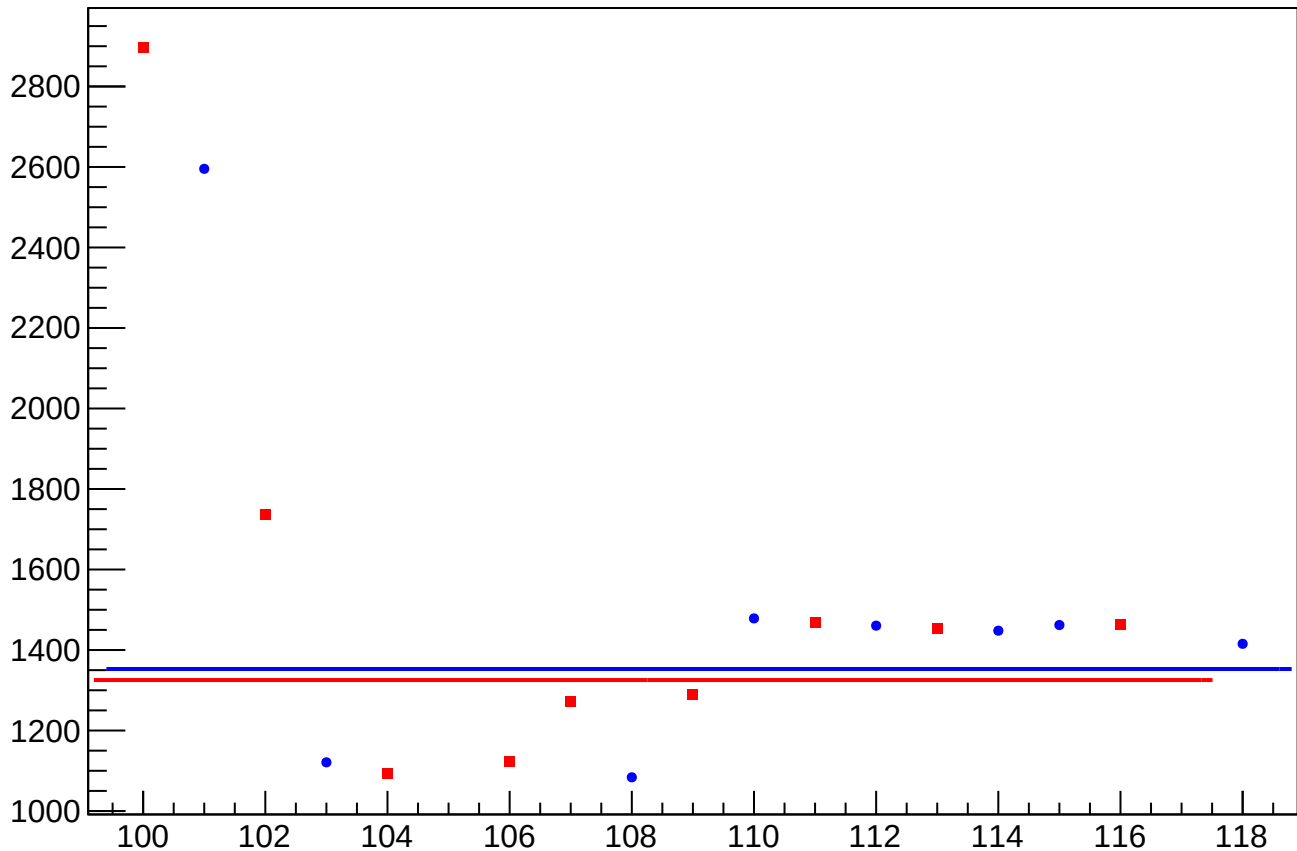
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.888+/-533.807 χ^2/NDF : 27.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1352.843+/-0.544 χ^2/NDF : 413589.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

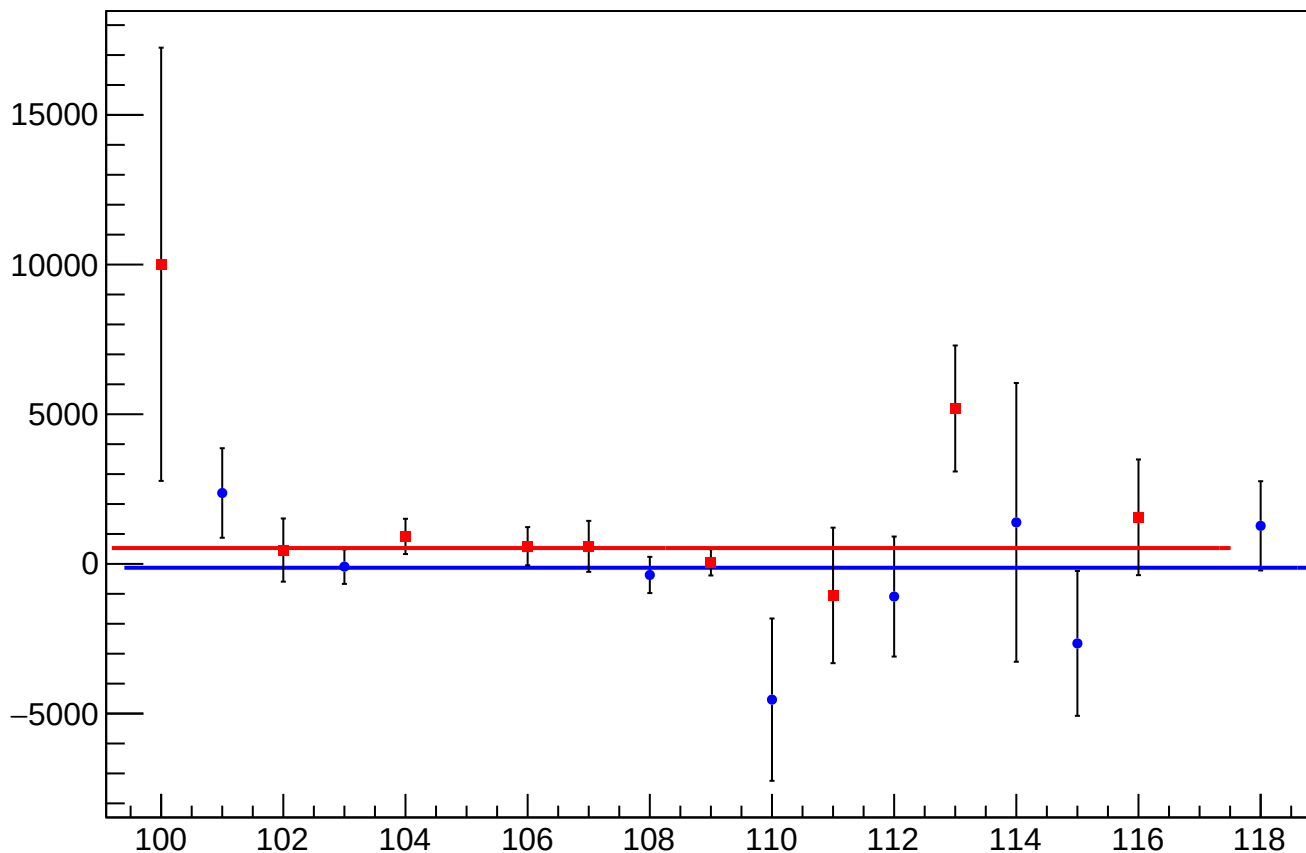
Right Out: 1325.409+/-0.524 χ^2/NDF : 182608.9/8

All: 1338.630+/-0.377 χ^2/NDF : 597517.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug



Right In: -128.605 $\pm$ 371.701 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.006 $\pm$ 271.997 χ^2 /NDF: 9.0/8

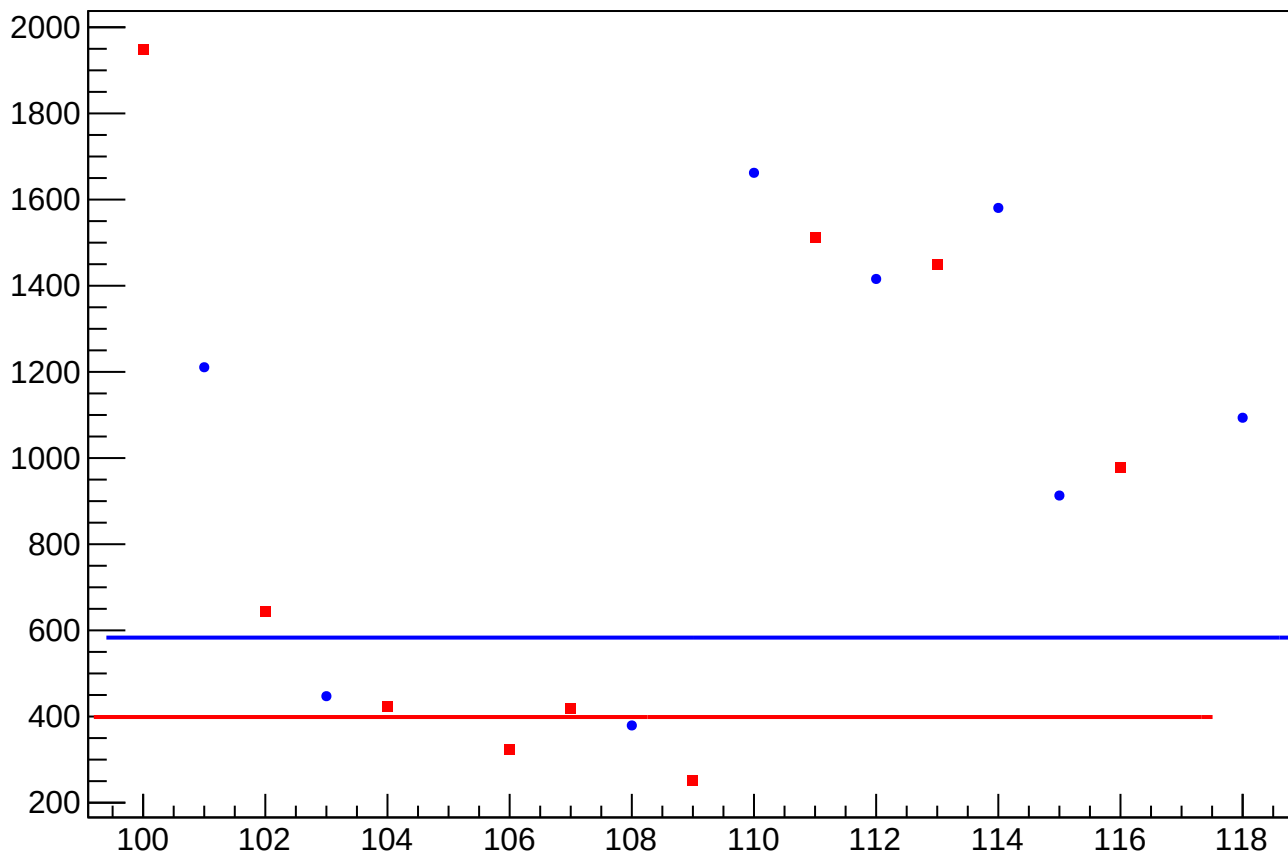
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 300.324 $\pm$ 219.504 χ^2 /NDF: 19.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



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: 398.869+/-0.192 χ^2/NDF : 1619795.1/8

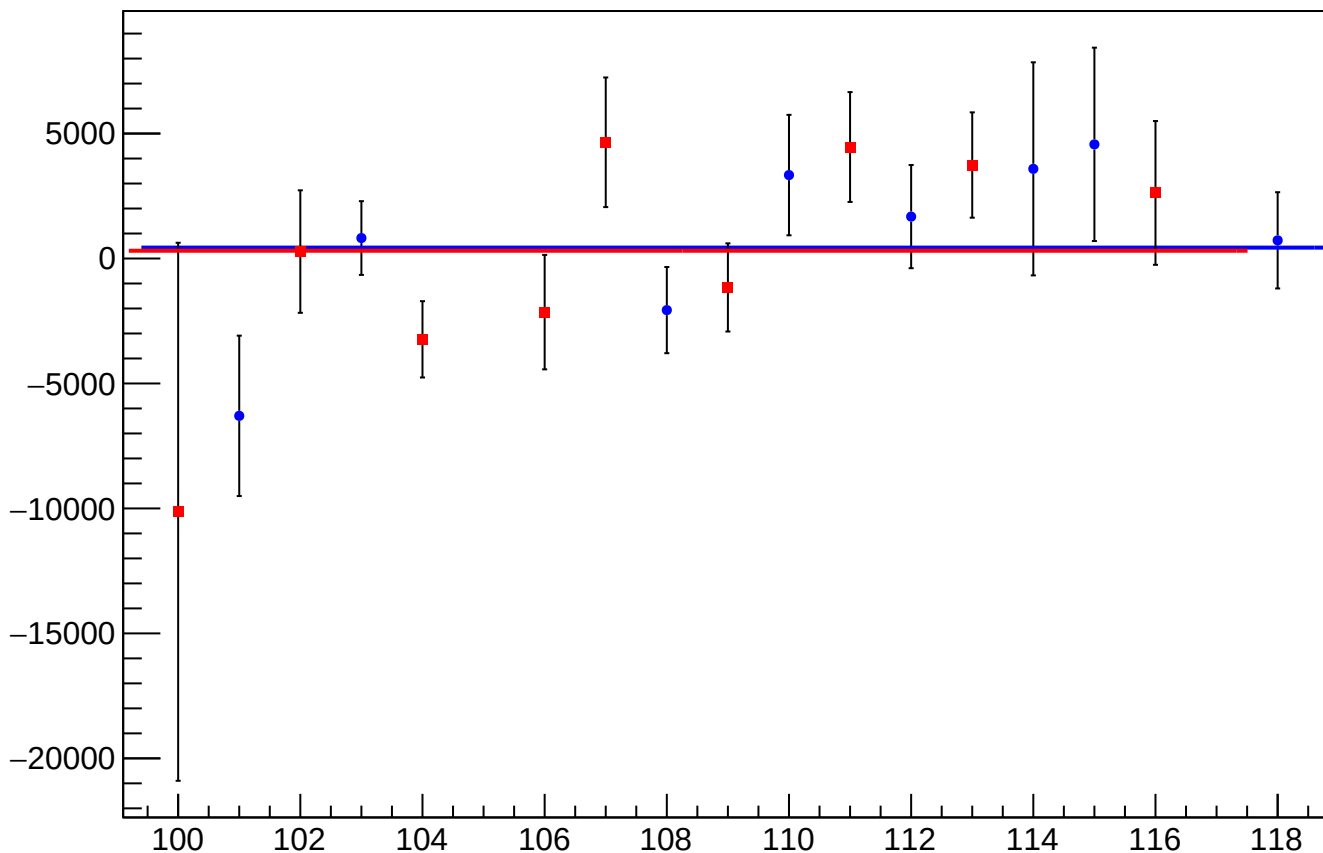
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.165+/-0.155 χ^2/NDF : 3655542.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



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: 310.521+/-741.641 χ^2/NDF : 17.8/8

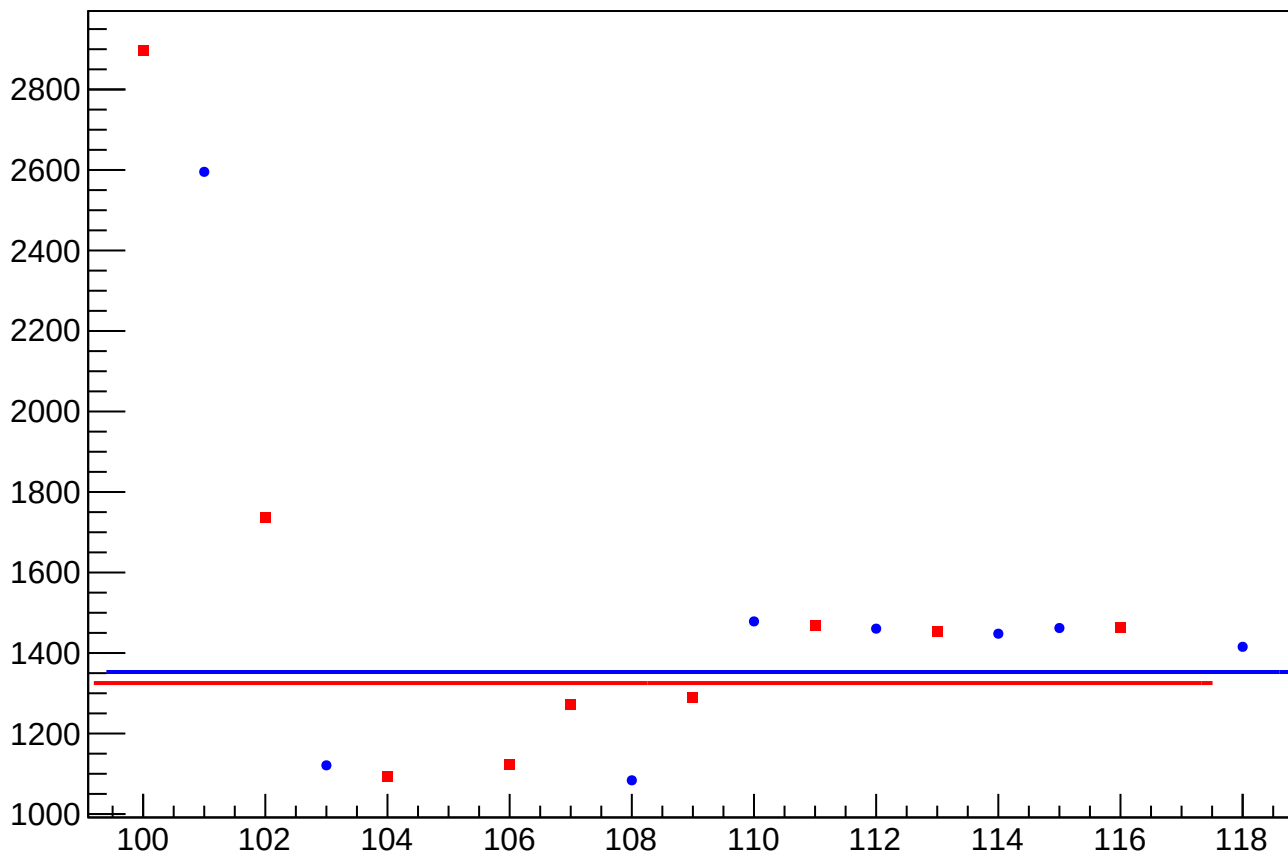
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.888+/-533.807 χ^2/NDF : 27.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



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: 1325.409+/-0.524 χ^2/NDF : 182608.9/8

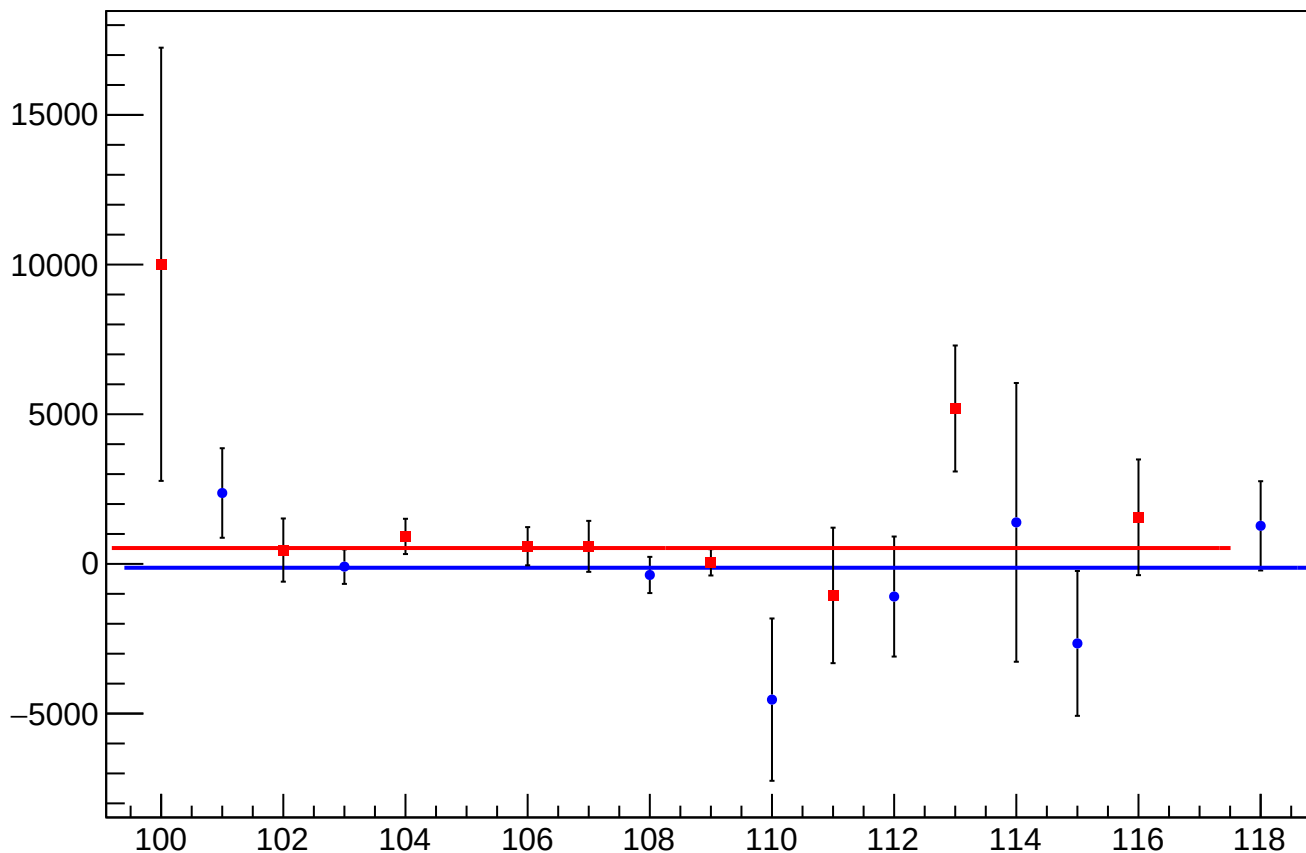
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.630+/-0.377 χ^2/NDF : 597517.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug



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: 530.006+/-271.997 χ^2/NDF : 9.0/8

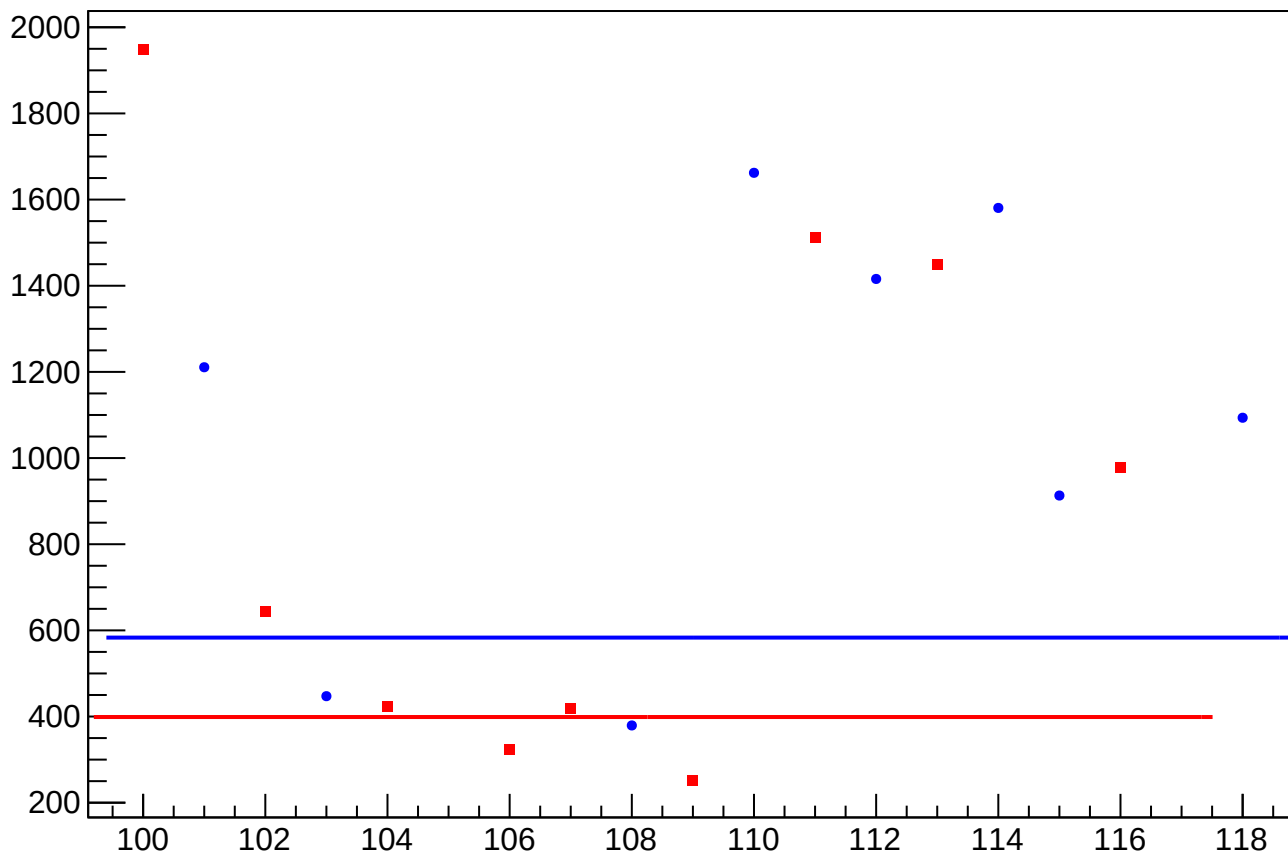
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.324+/-219.504 χ^2/NDF : 19.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug



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: 398.869+/-0.192 χ^2/NDF : 1619795.1/8

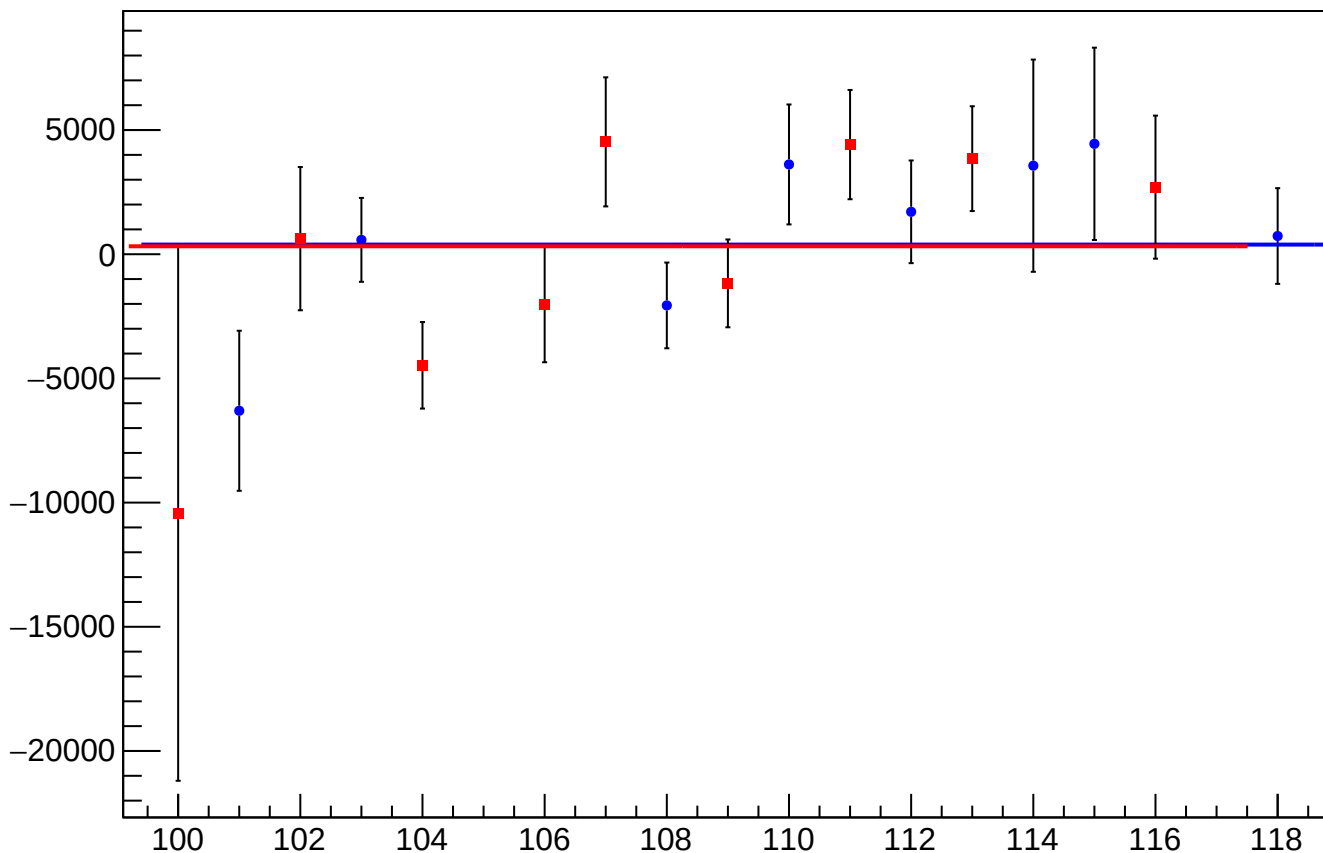
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.165+/-0.155 χ^2/NDF : 3655542.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 388.160 $\pm$ 795.819 χ^2 /NDF: 10.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 319.956 $\pm$ 775.258 χ^2 /NDF: 19.9/8

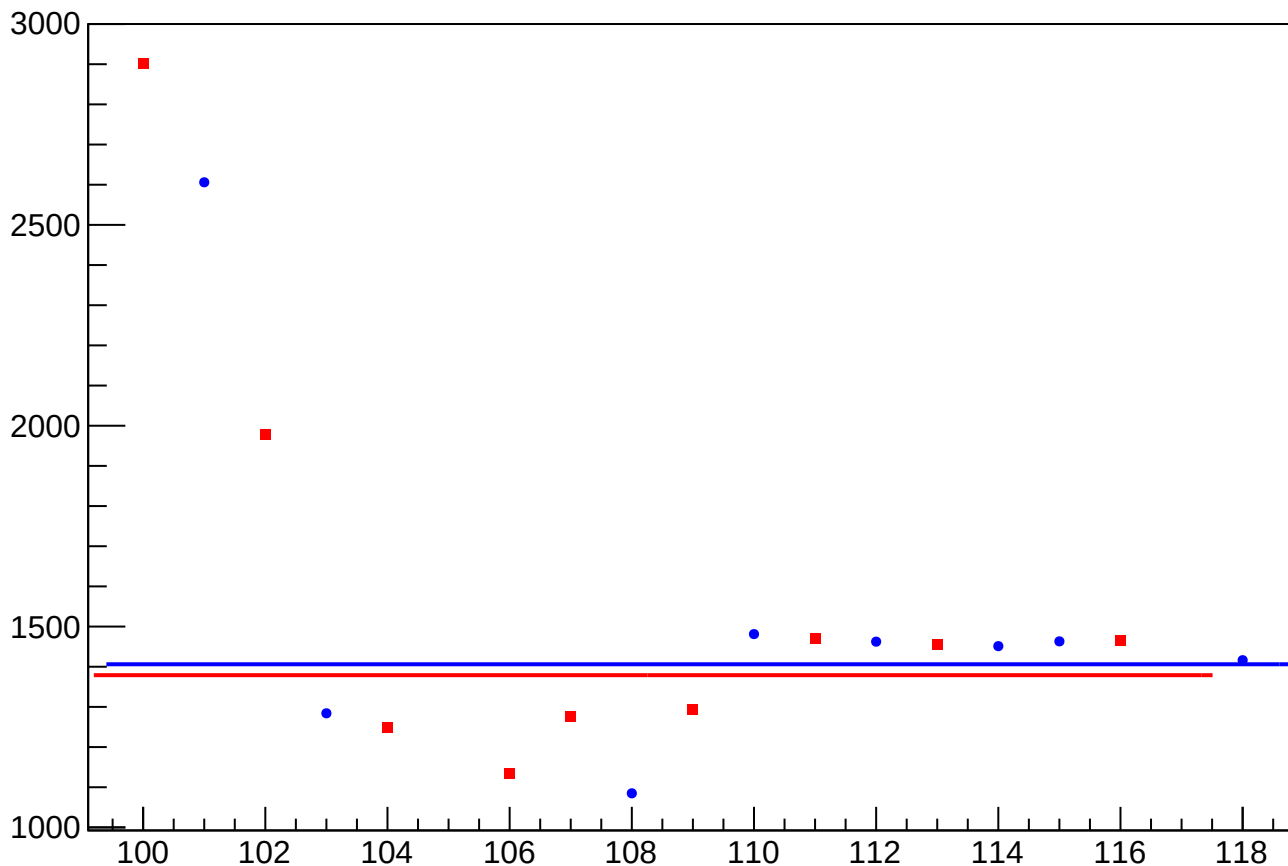
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 353.166 $\pm$ 555.317 χ^2 /NDF: 30.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1406.154 $\pm$ 0.563 χ^2 /NDF: 361145.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1378.969 $\pm$ 0.548 χ^2 /NDF: 175656.1/8

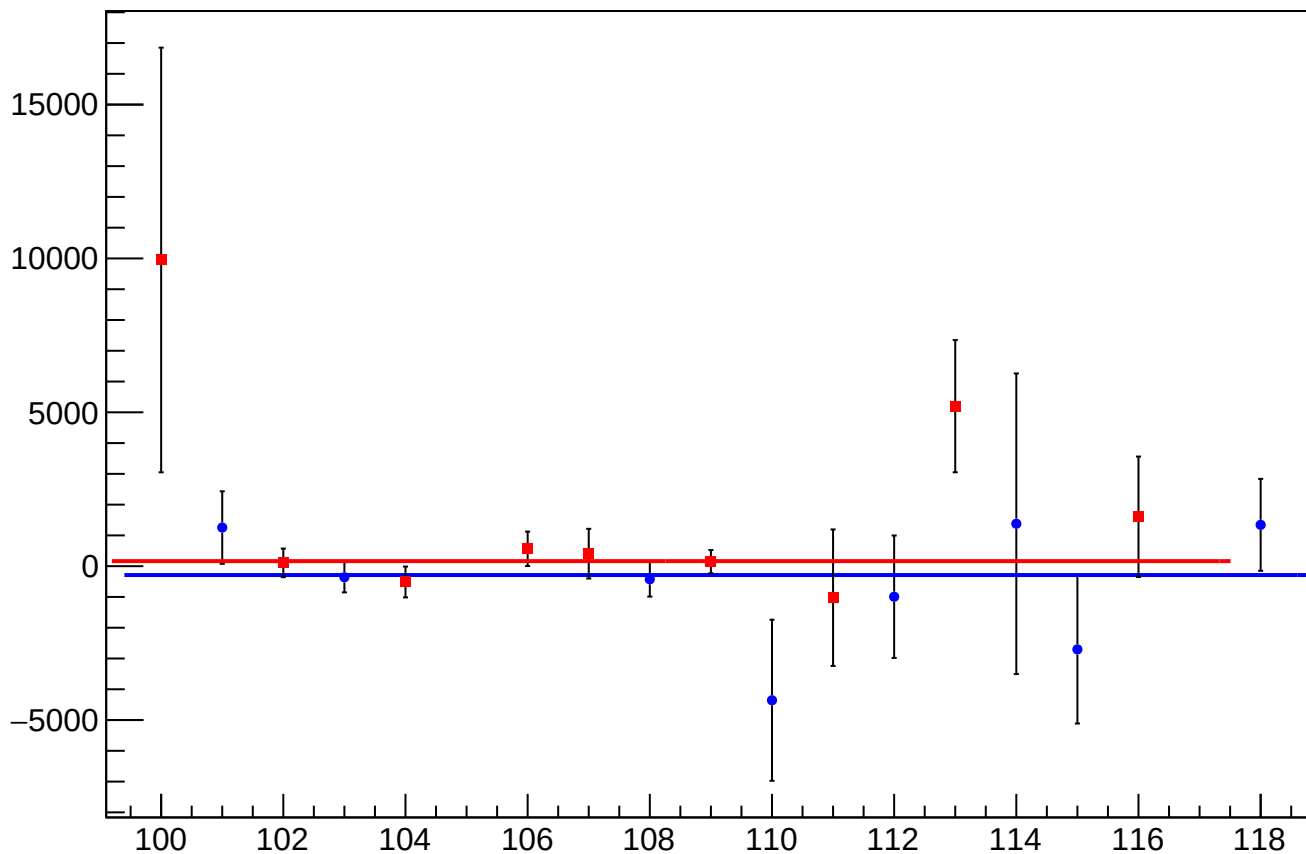
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1392.206 $\pm$ 0.393 χ^2 /NDF: 537998.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug



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: 164.288+/-217.633 χ^2/NDF : 10.8/8

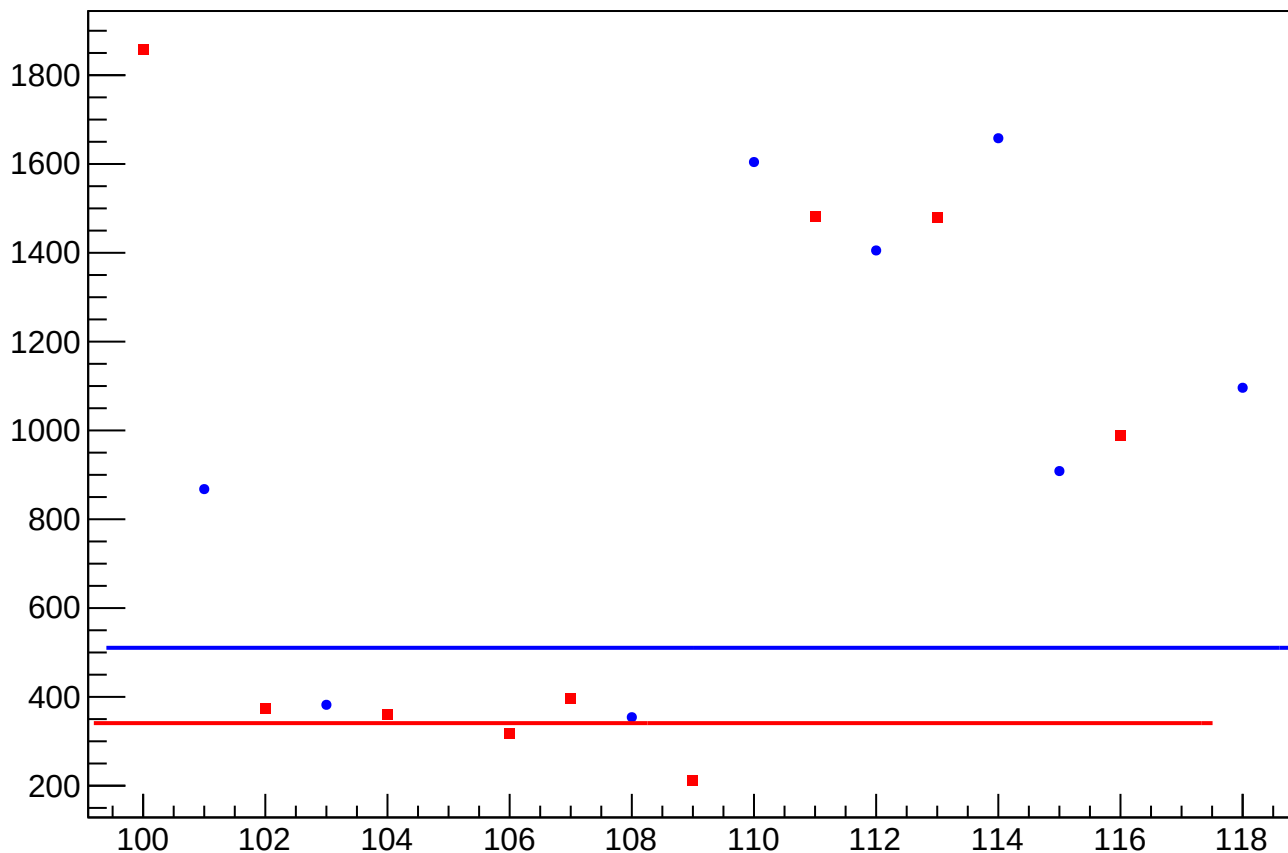
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.459+/-182.039 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



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: 340.922 $\pm$ 0.154 χ^2 /NDF: 1668570.7/8

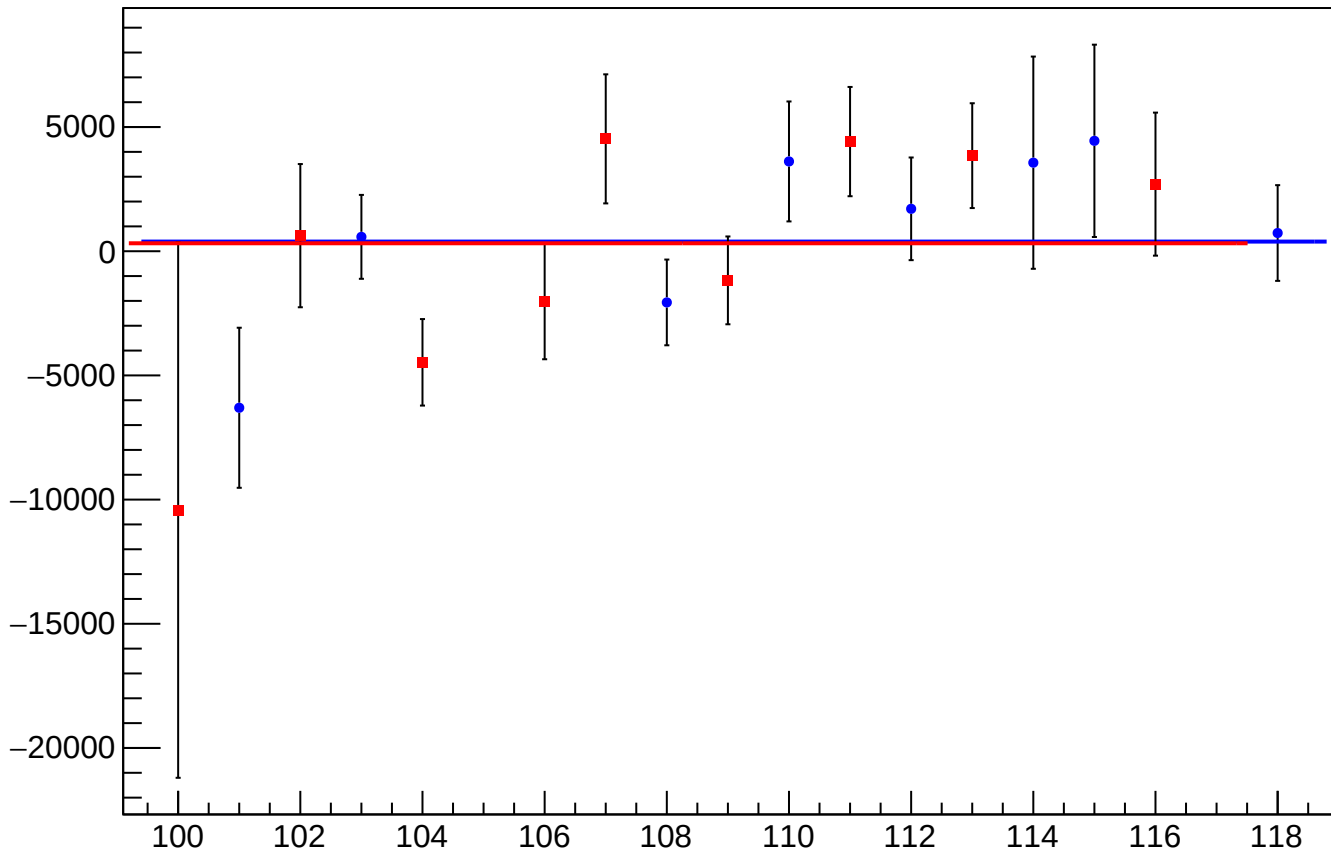
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 391.868 $\pm$ 0.129 χ^2 /NDF: 3733172.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



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: 319.960+/-775.258 χ^2/NDF : 19.9/8

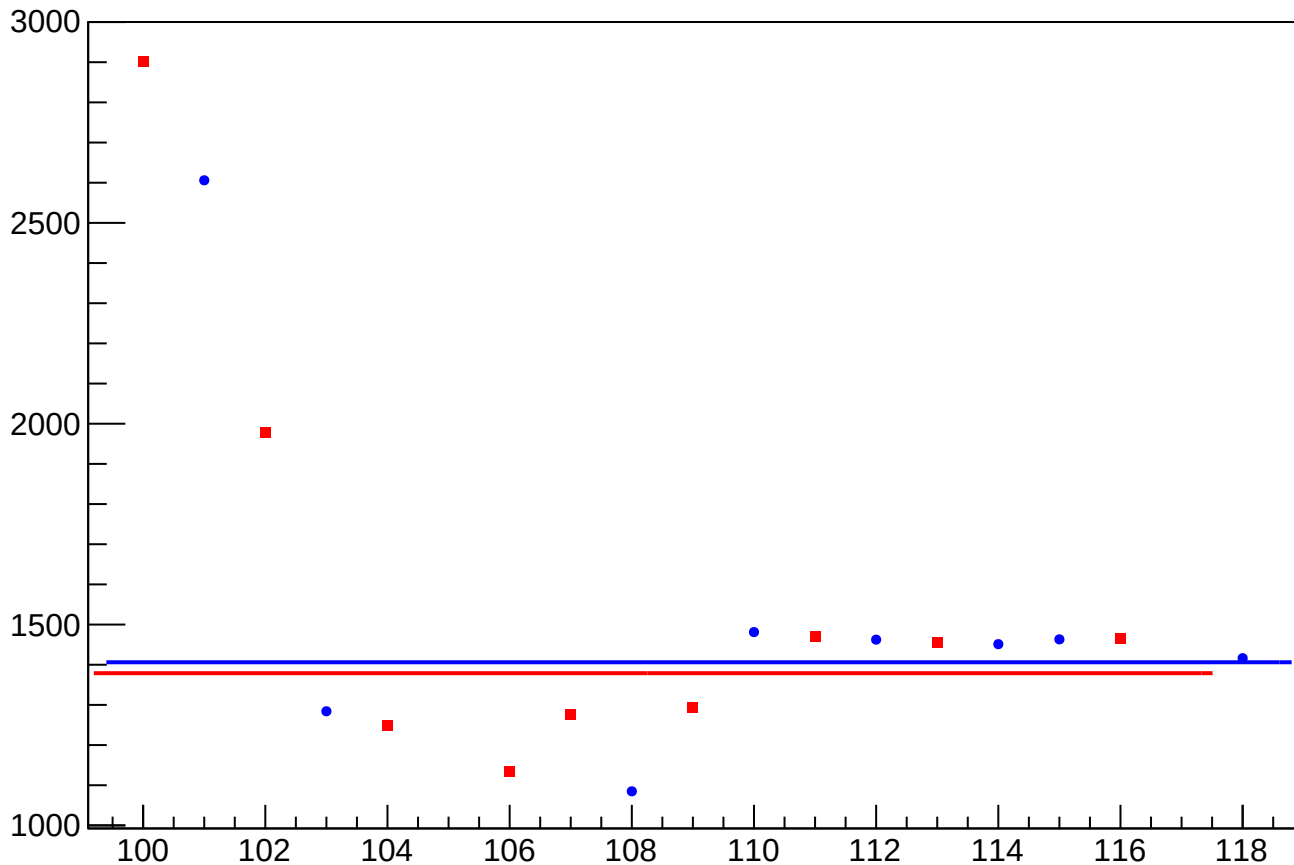
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.163+/-555.317 χ^2/NDF : 30.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1406.154 $\pm$ 0.563 χ^2 /NDF: 361144.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1378.969 $\pm$ 0.548 χ^2 /NDF: 175656.1/8

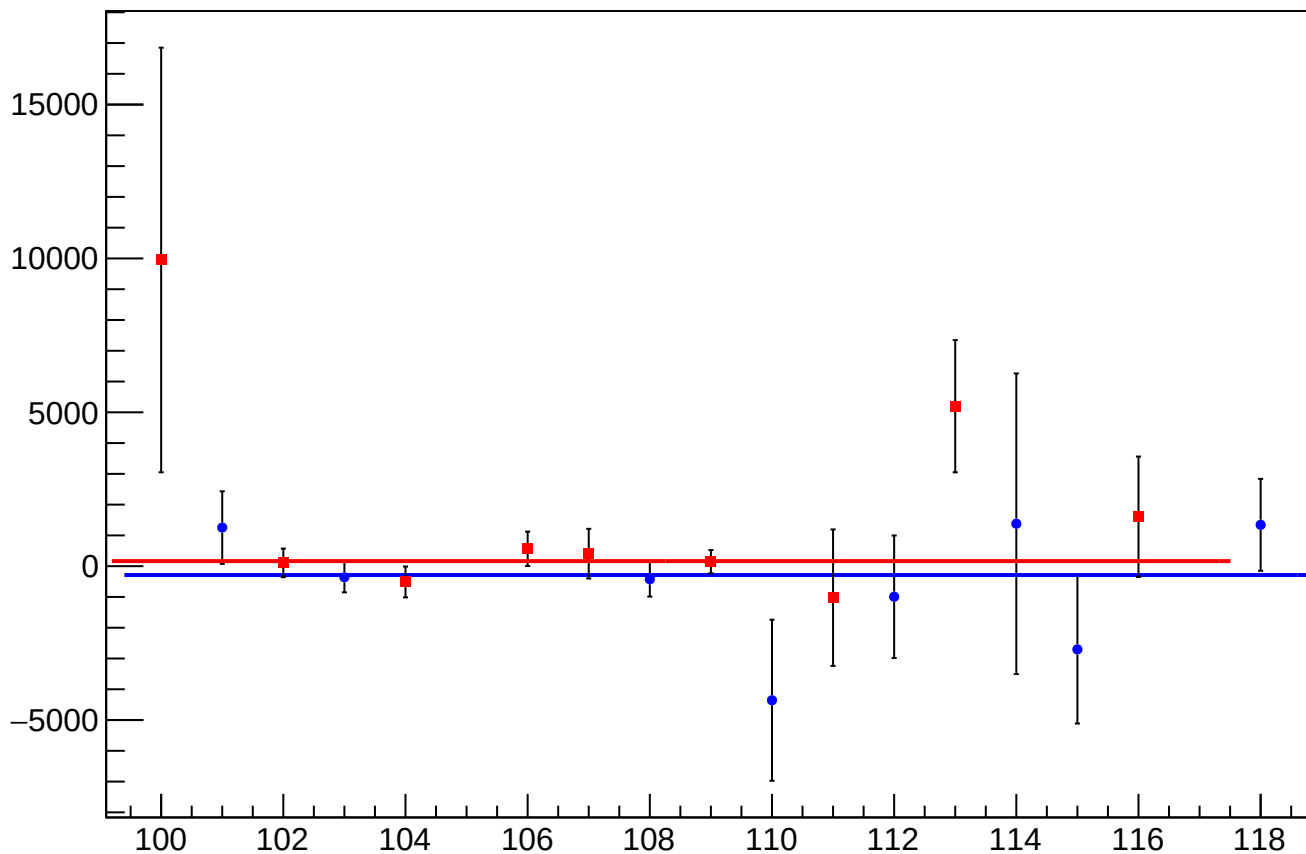
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1392.206 $\pm$ 0.393 χ^2 /NDF: 537998.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -287.951 $\pm$ 332.156 χ^2 /NDF: 6.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.282 $\pm$ 217.634 χ^2 /NDF: 10.8/8

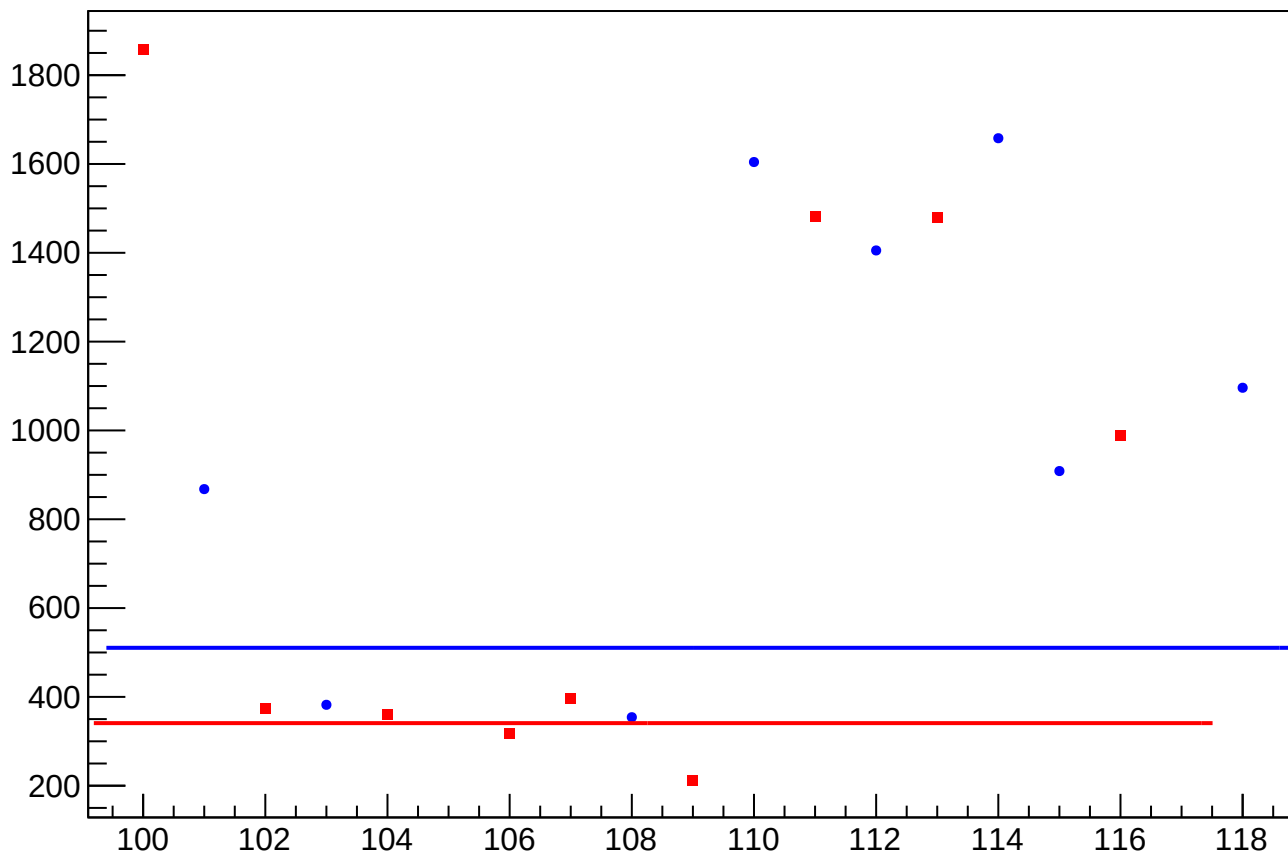
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.448 $\pm$ 182.039 χ^2 /NDF: 18.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug



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: 340.926+/-0.154 χ^2/NDF : 1668522.4/8

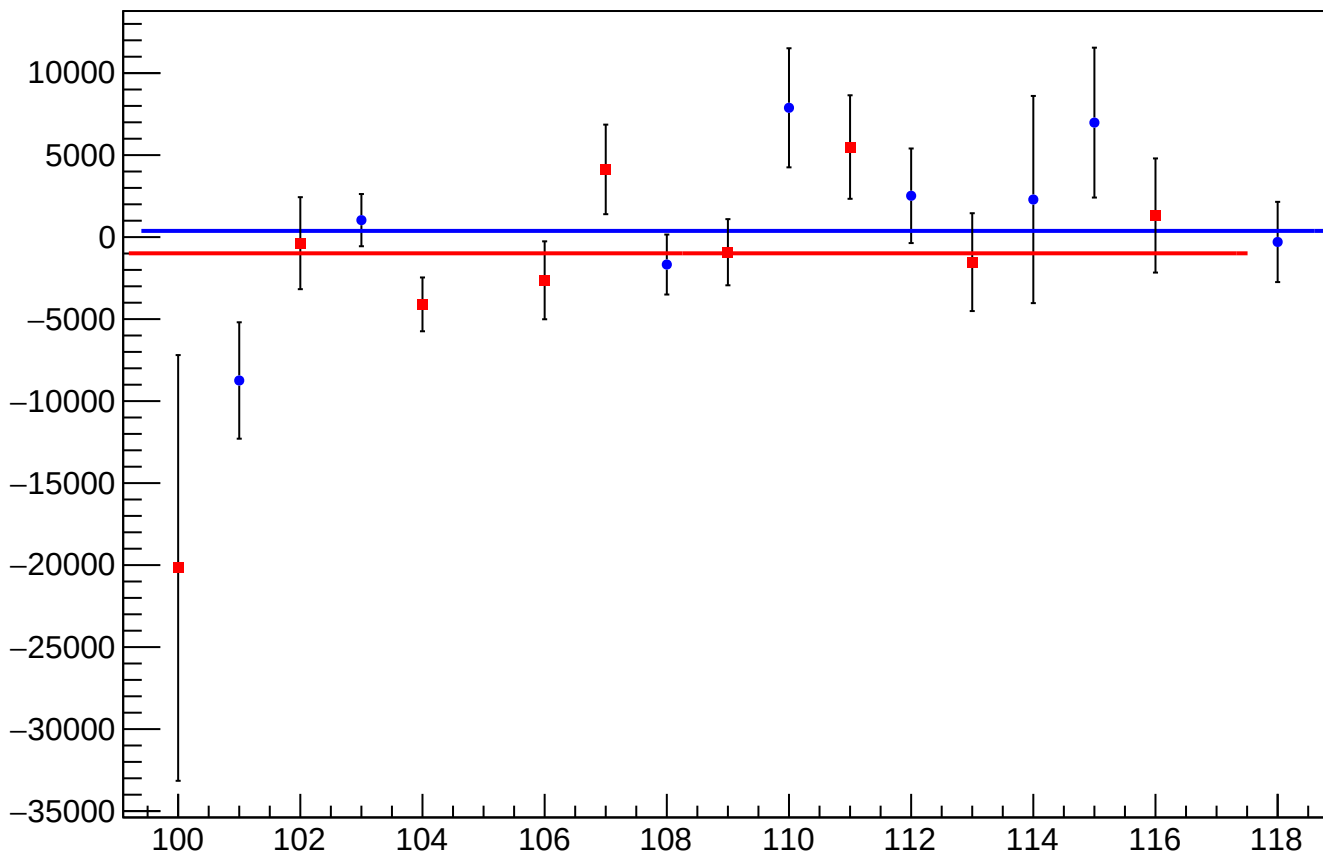
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.869+/-0.129 χ^2/NDF : 3733113.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 378.438 $\pm$ 909.499 χ^2 /NDF: 15.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -988.391 $\pm$ 858.535 χ^2 /NDF: 14.5/8

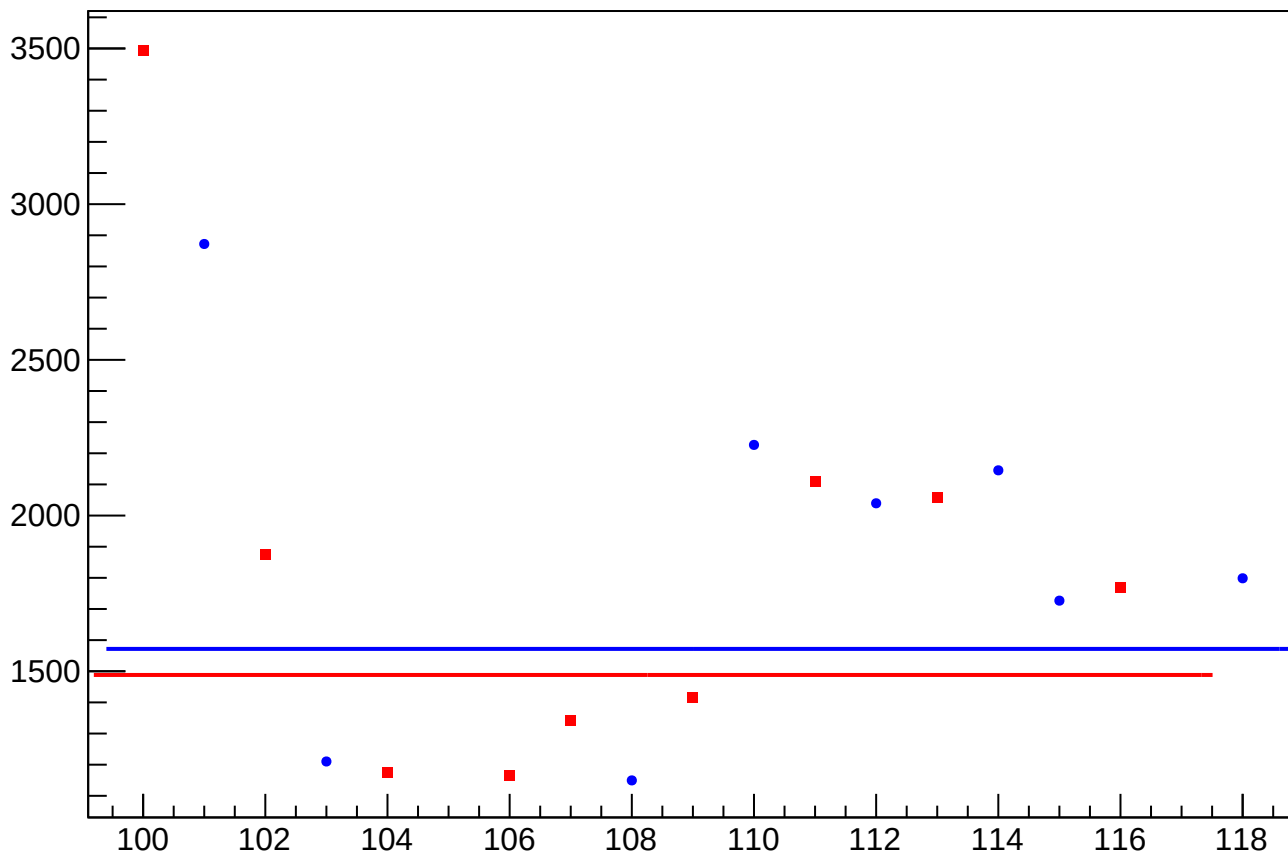
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -344.343 $\pm$ 624.316 χ^2 /NDF: 30.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



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: 1488.122+/-0.607 χ^2/NDF : 367006.6/8

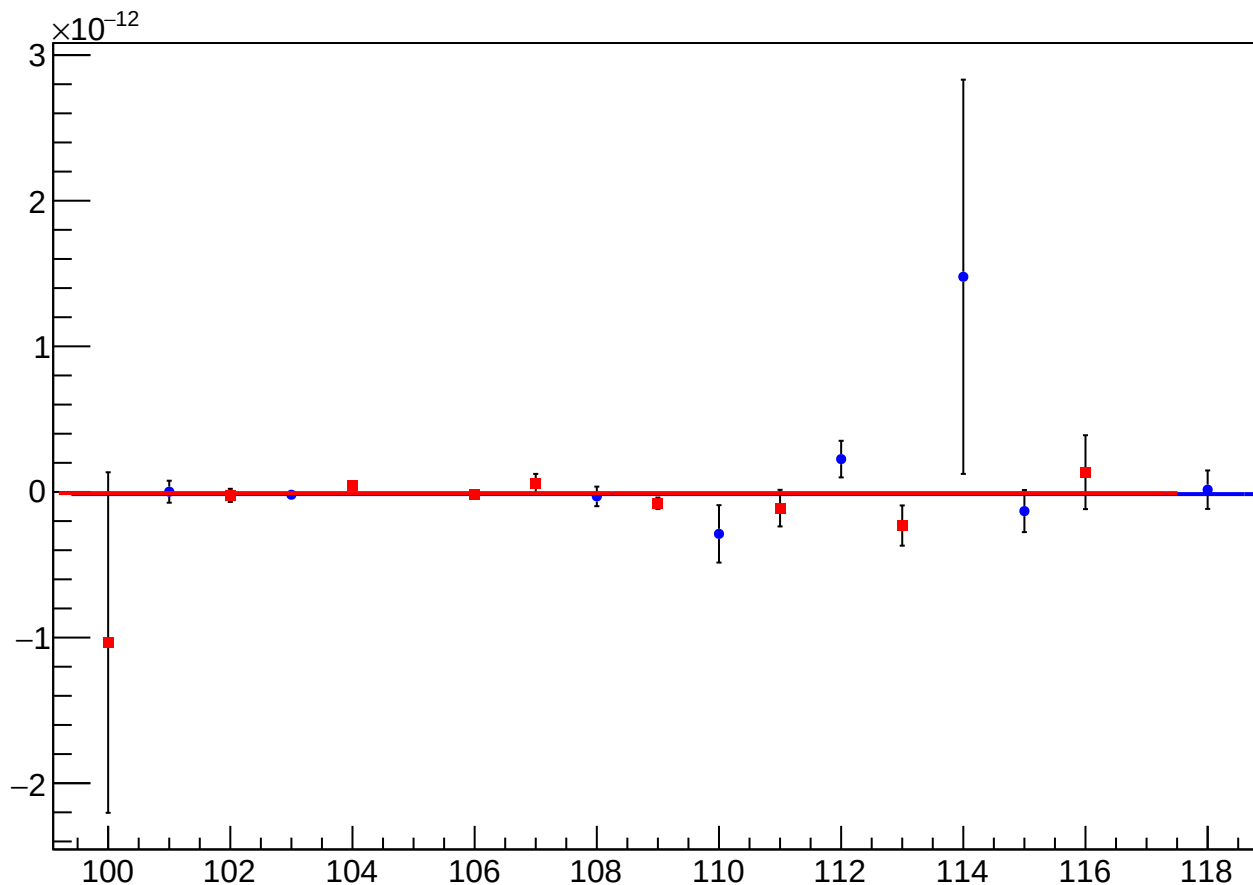
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1527.554+/-0.441 χ^2/NDF : 1007808.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug



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 : 12.4/8

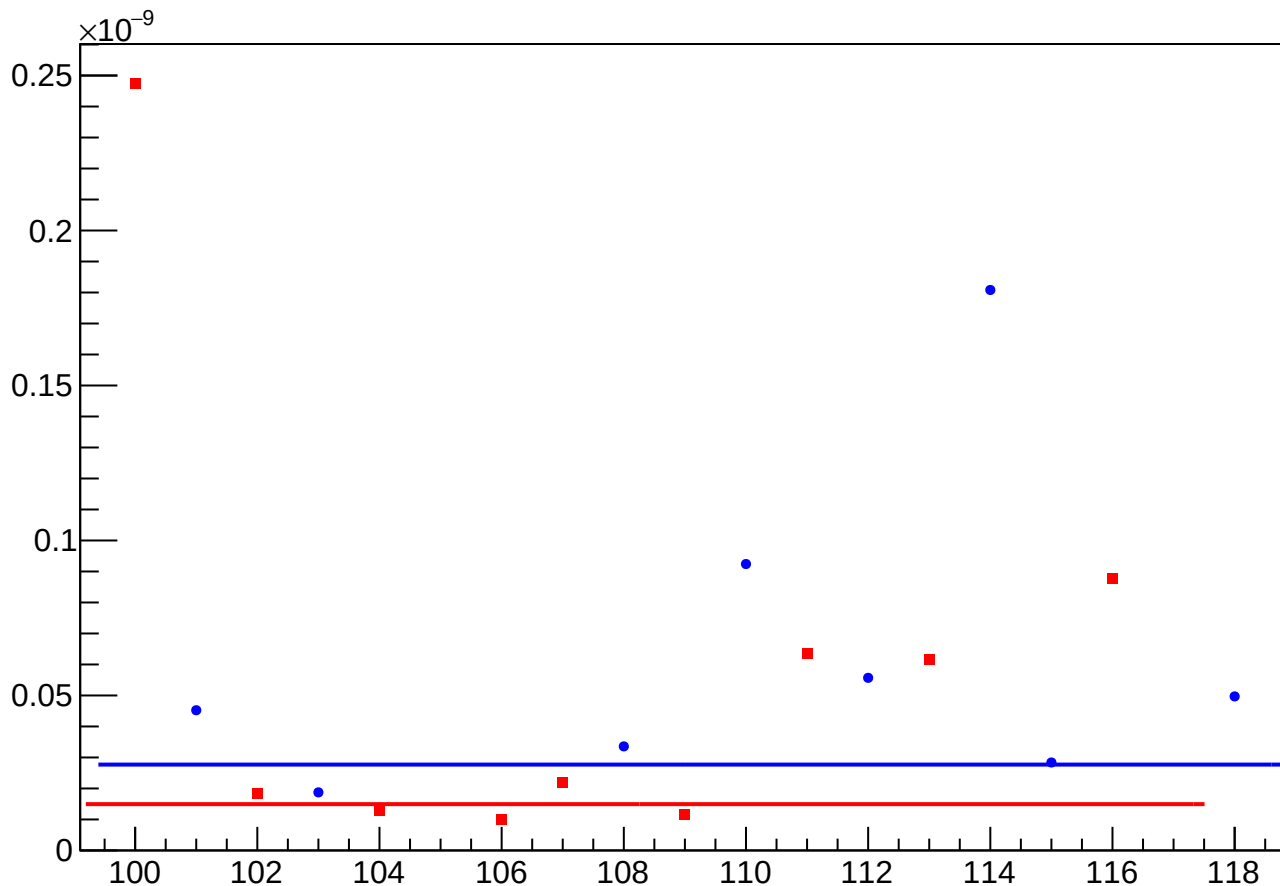
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug



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 : 884128.6/8

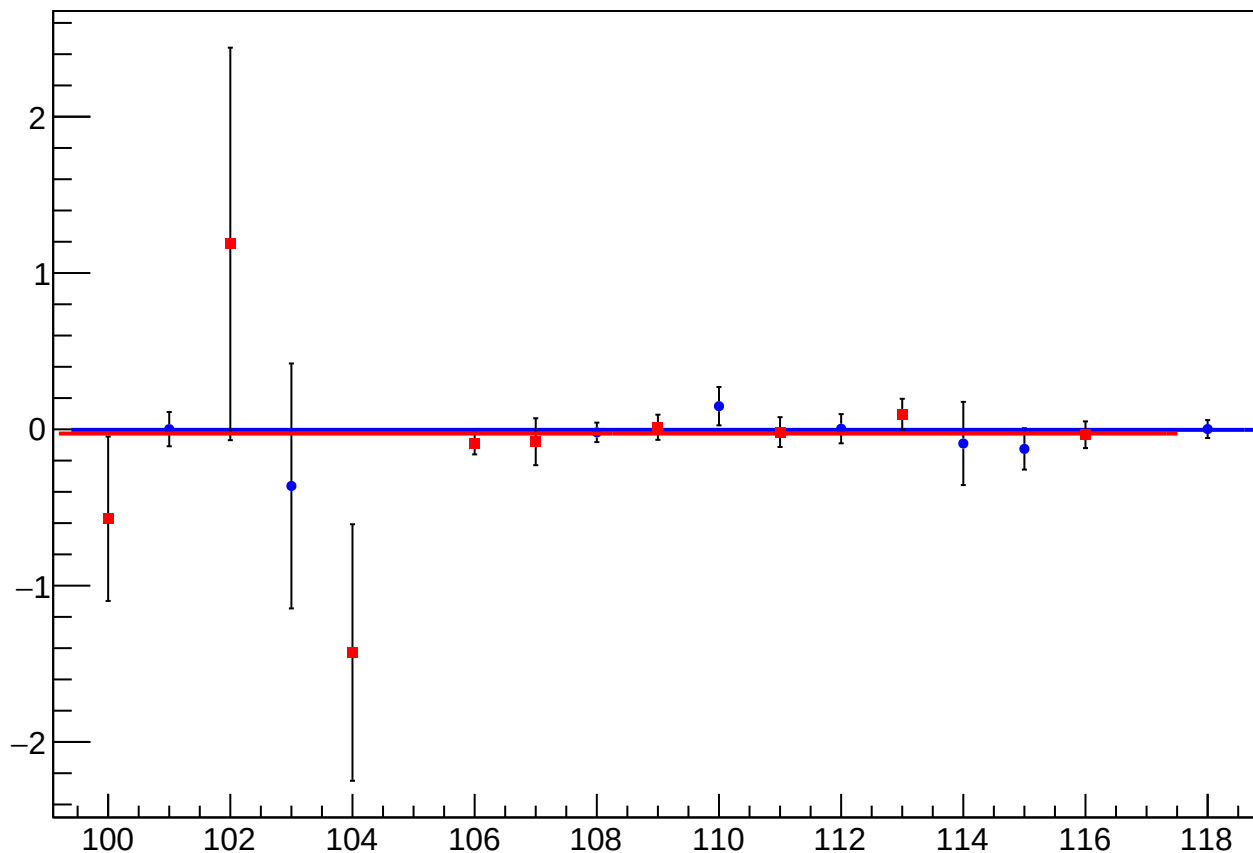
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1937527.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.033 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.036 χ^2 /NDF: 7.8/8

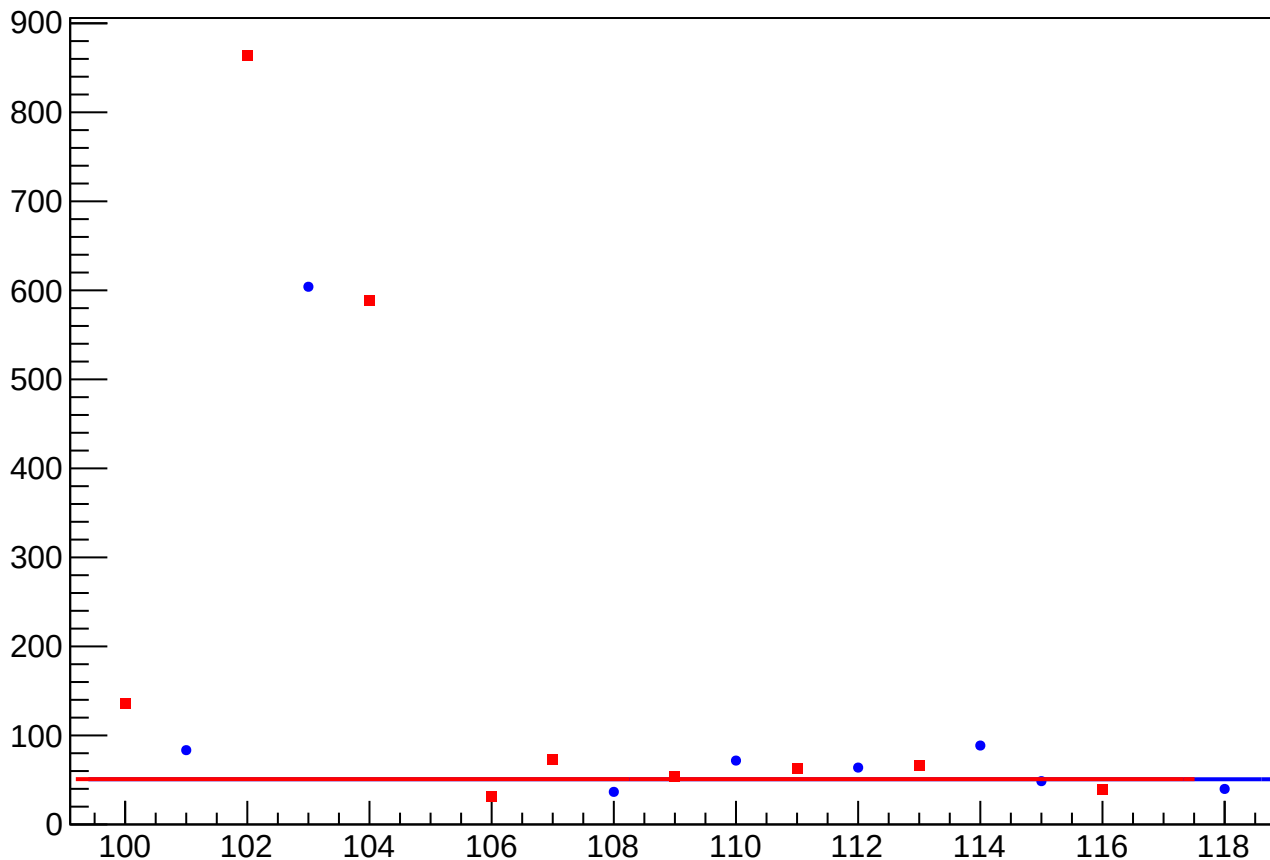
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.025 χ^2 /NDF: 10.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug



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: 50.906+/-0.026 χ^2/NDF : 2075873.9/8

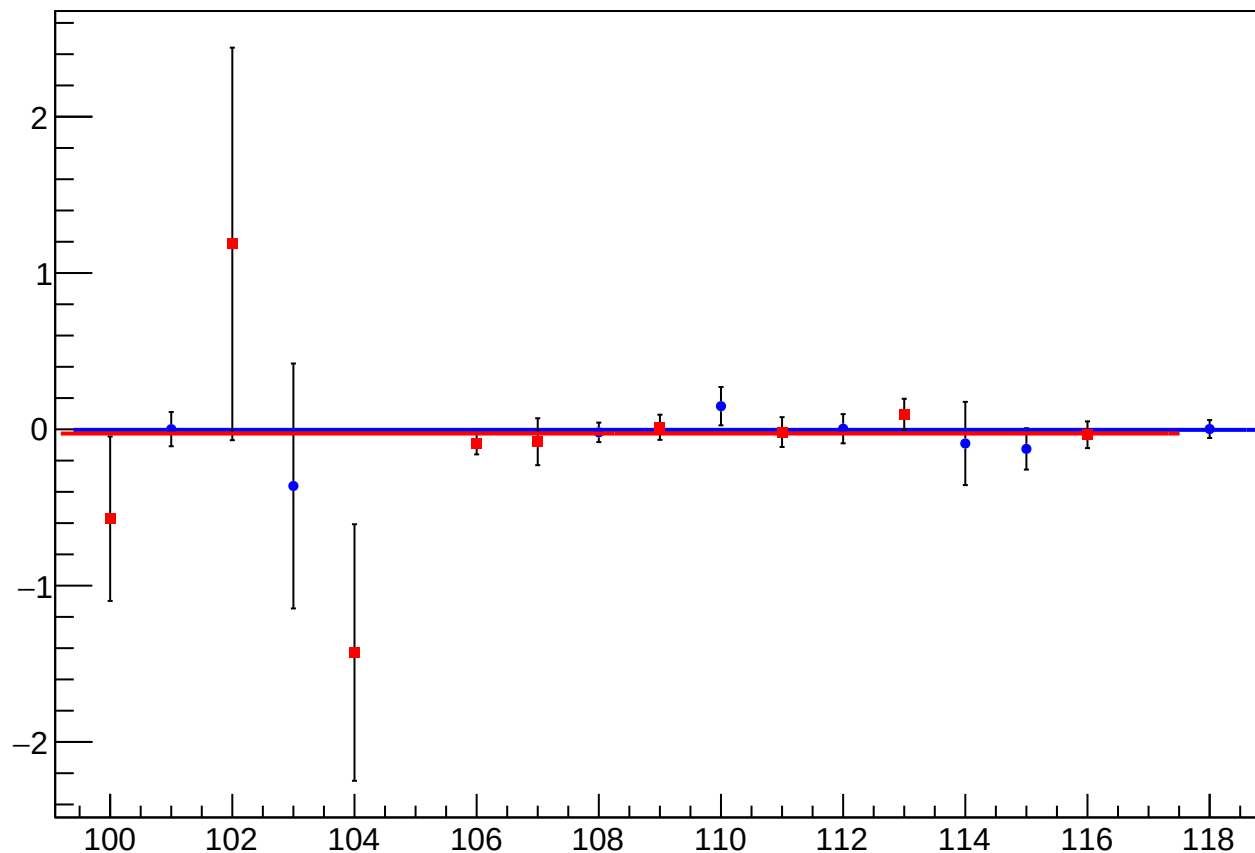
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.829+/-0.017 χ^2/NDF : 3565400.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.033 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.027 $\pm$ 0.036 χ^2 /NDF: 7.8/8

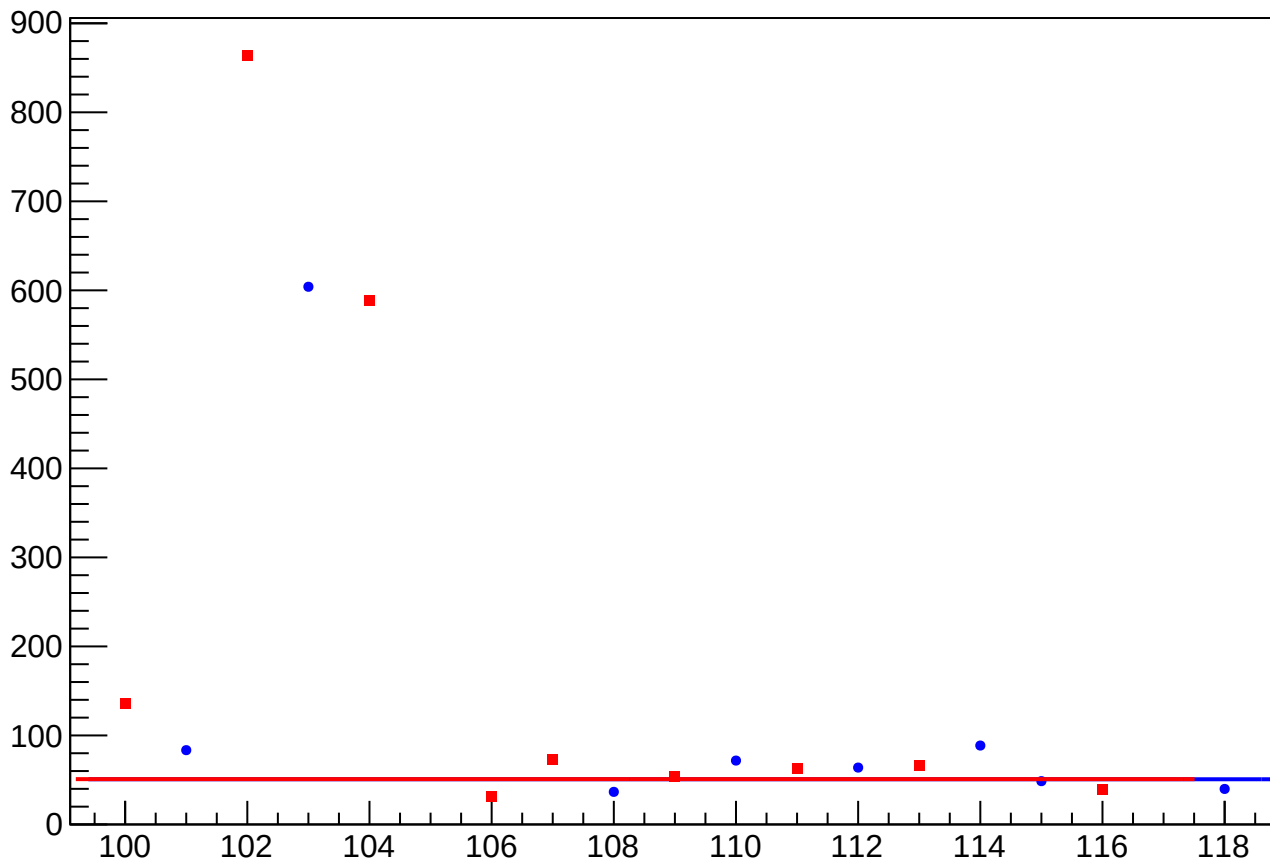
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.025 χ^2 /NDF: 10.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.906+/-0.026 χ^2/NDF : 2075873.9/8

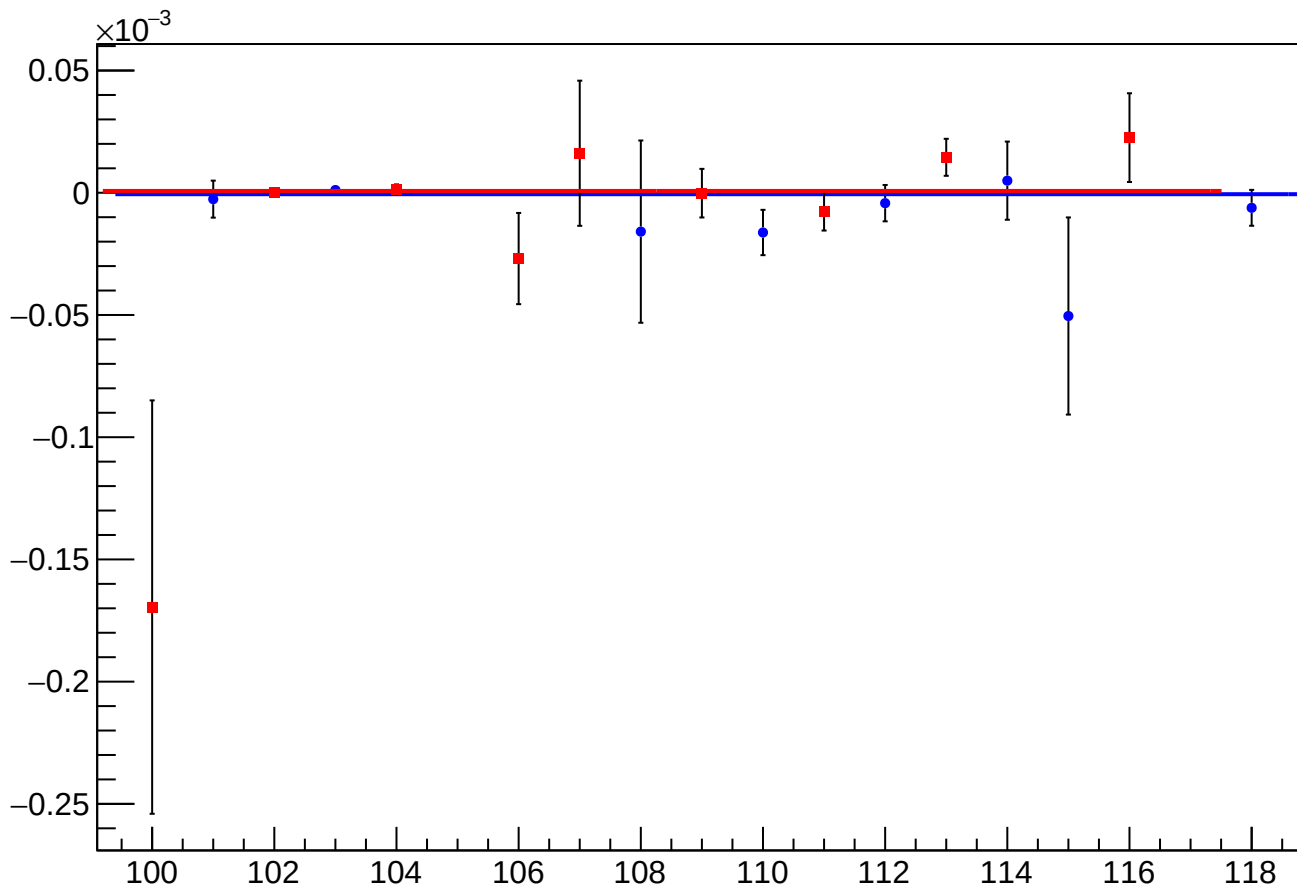
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.829+/-0.017 χ^2/NDF : 3565400.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/8

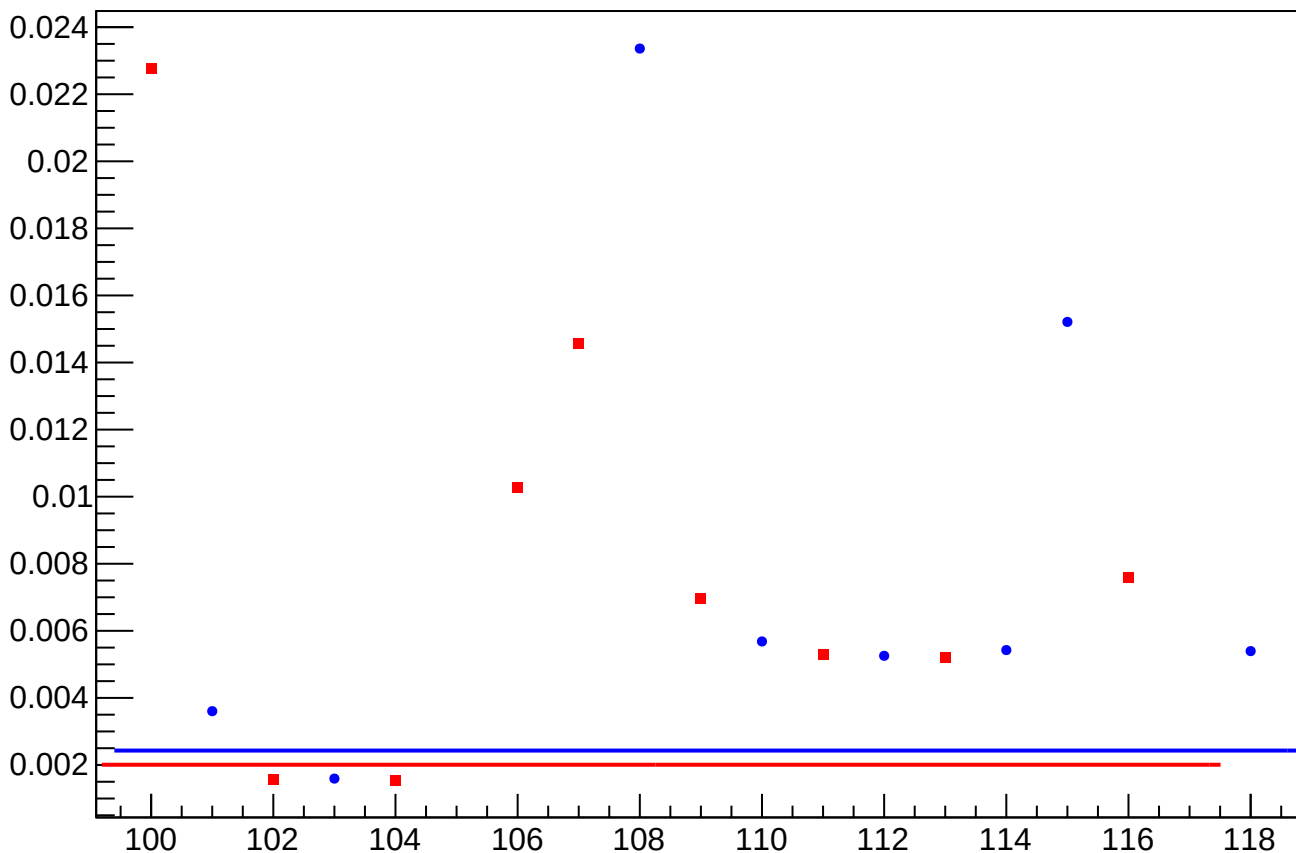
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2457363.8/8

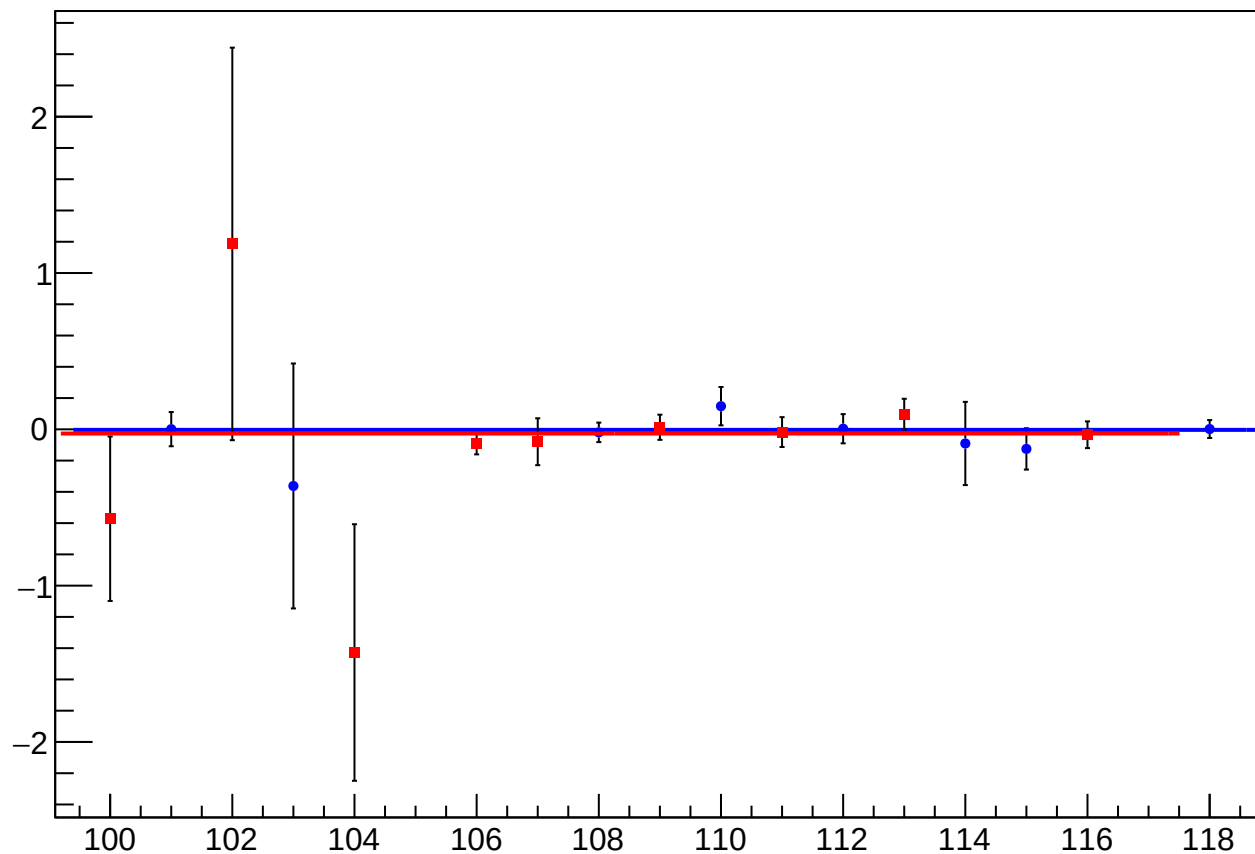
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4671699.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.033 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.027 $\pm$ 0.036 χ^2 /NDF: 7.8/8

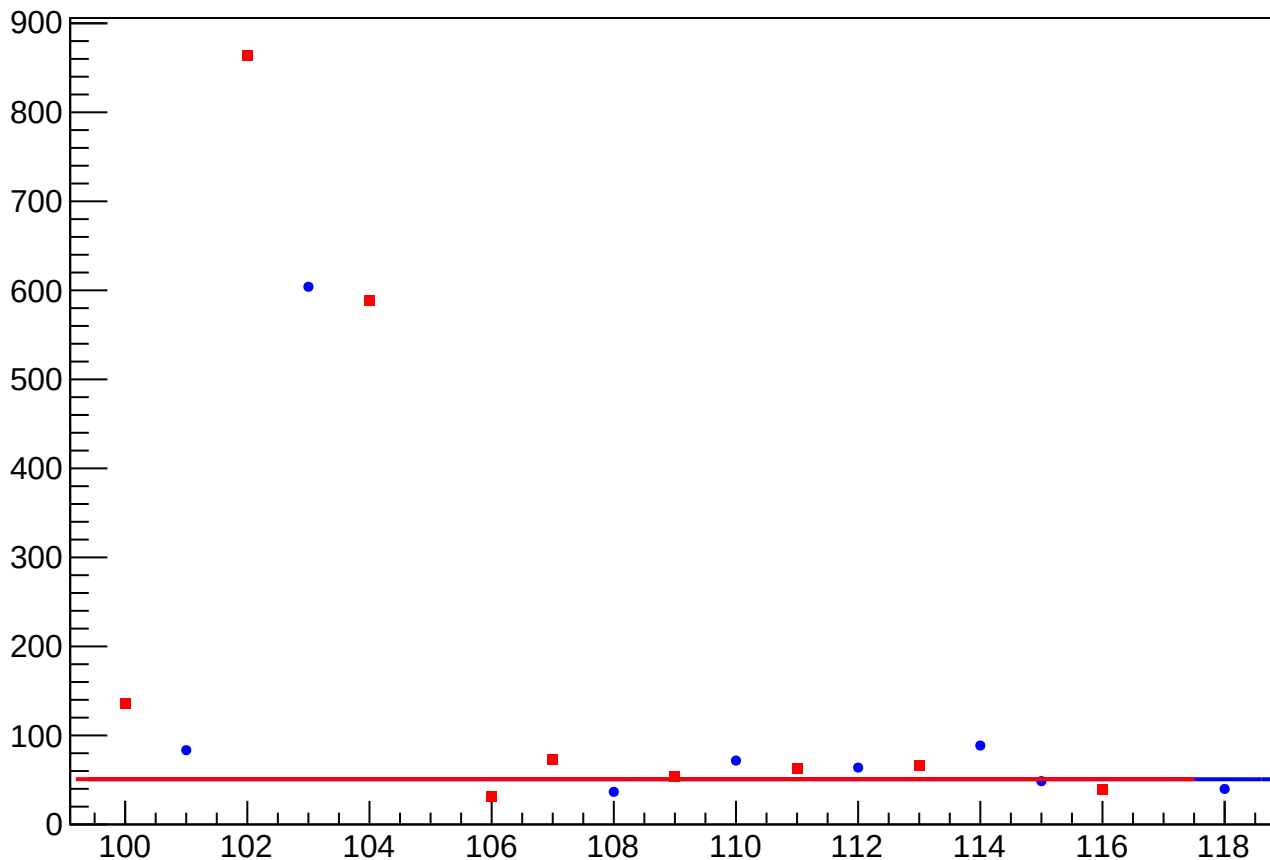
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.025 χ^2 /NDF: 10.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.770 $\pm$ 0.024 χ^2 /NDF: 1489250.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.910 $\pm$ 0.026 χ^2 /NDF: 2075655.5/8

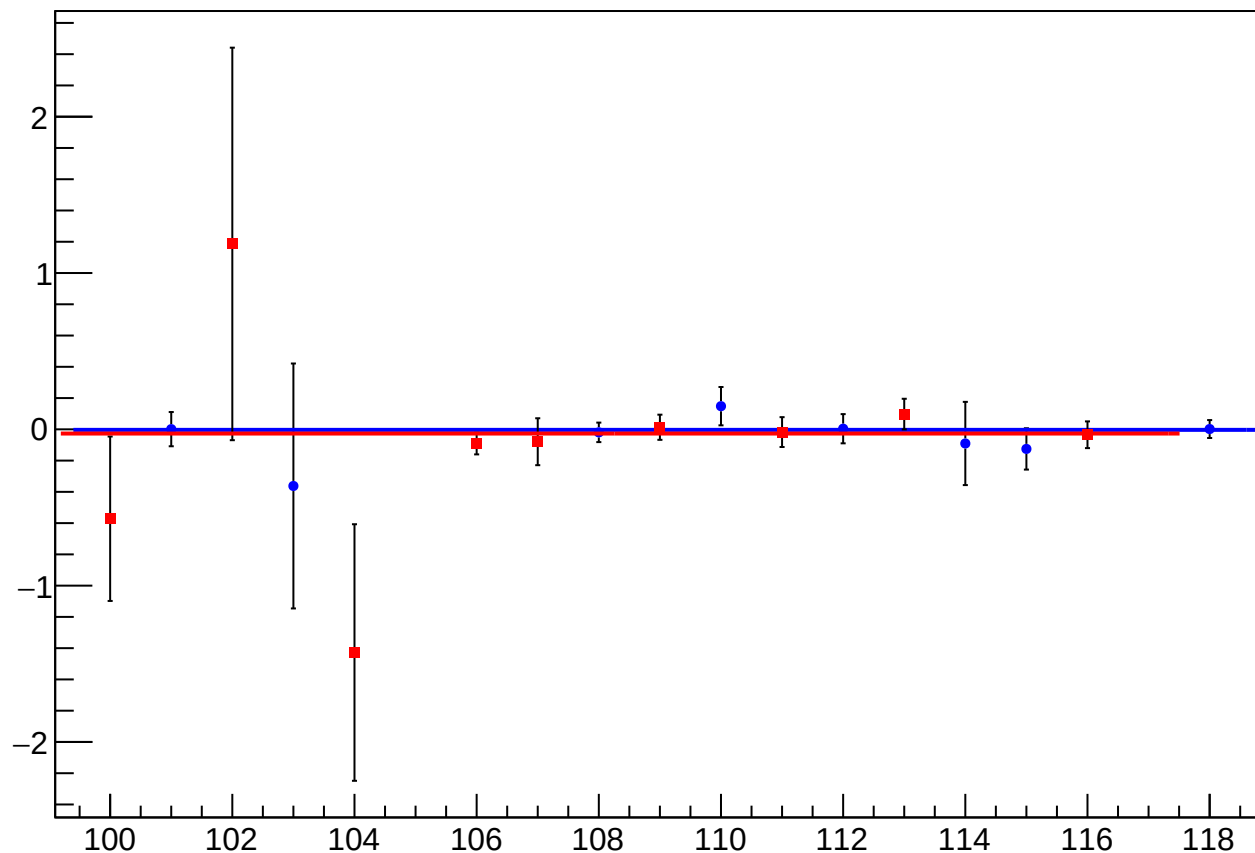
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.835 $\pm$ 0.017 χ^2 /NDF: 3564922.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.027+/-0.036 χ^2/NDF : 7.8/8

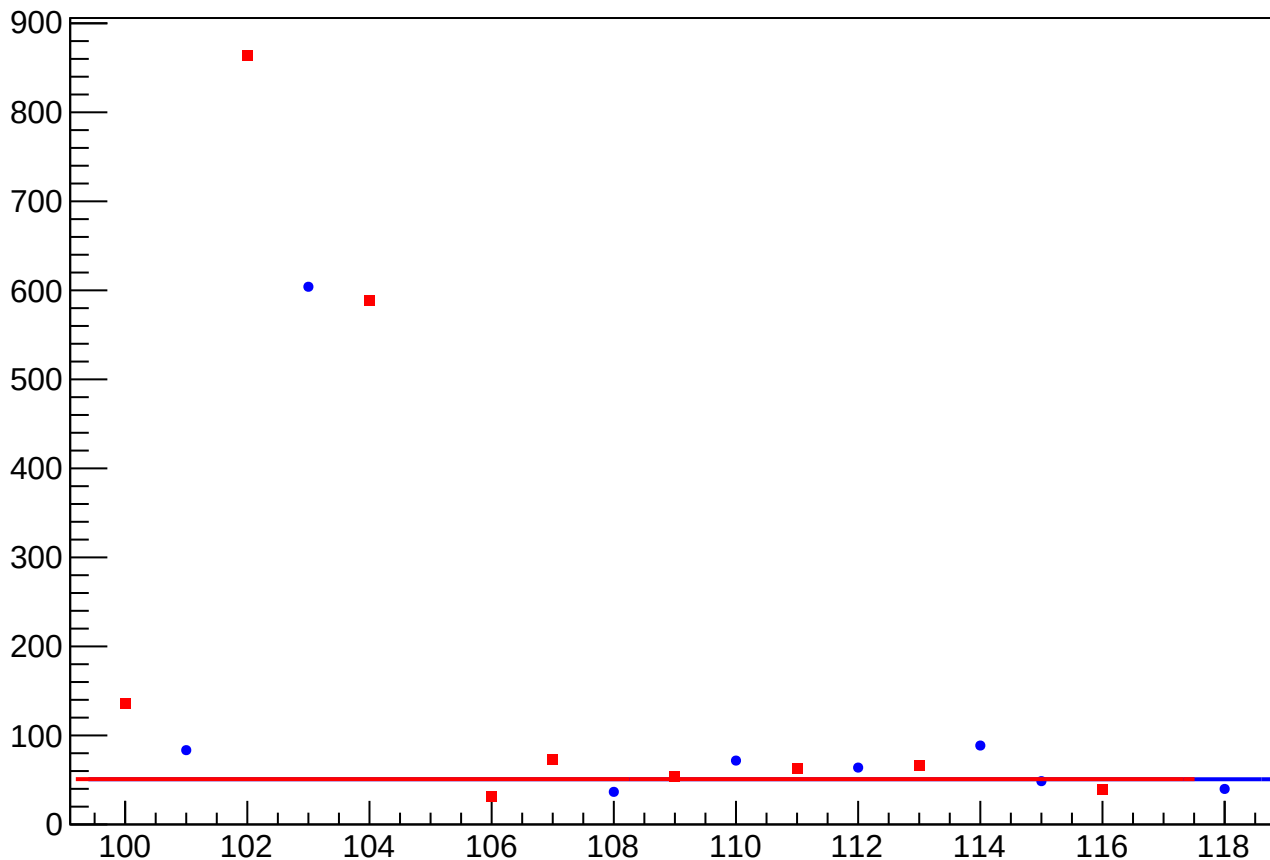
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.014+/-0.025 χ^2/NDF : 10.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.910+/-0.026 χ^2/NDF : 2075655.5/8

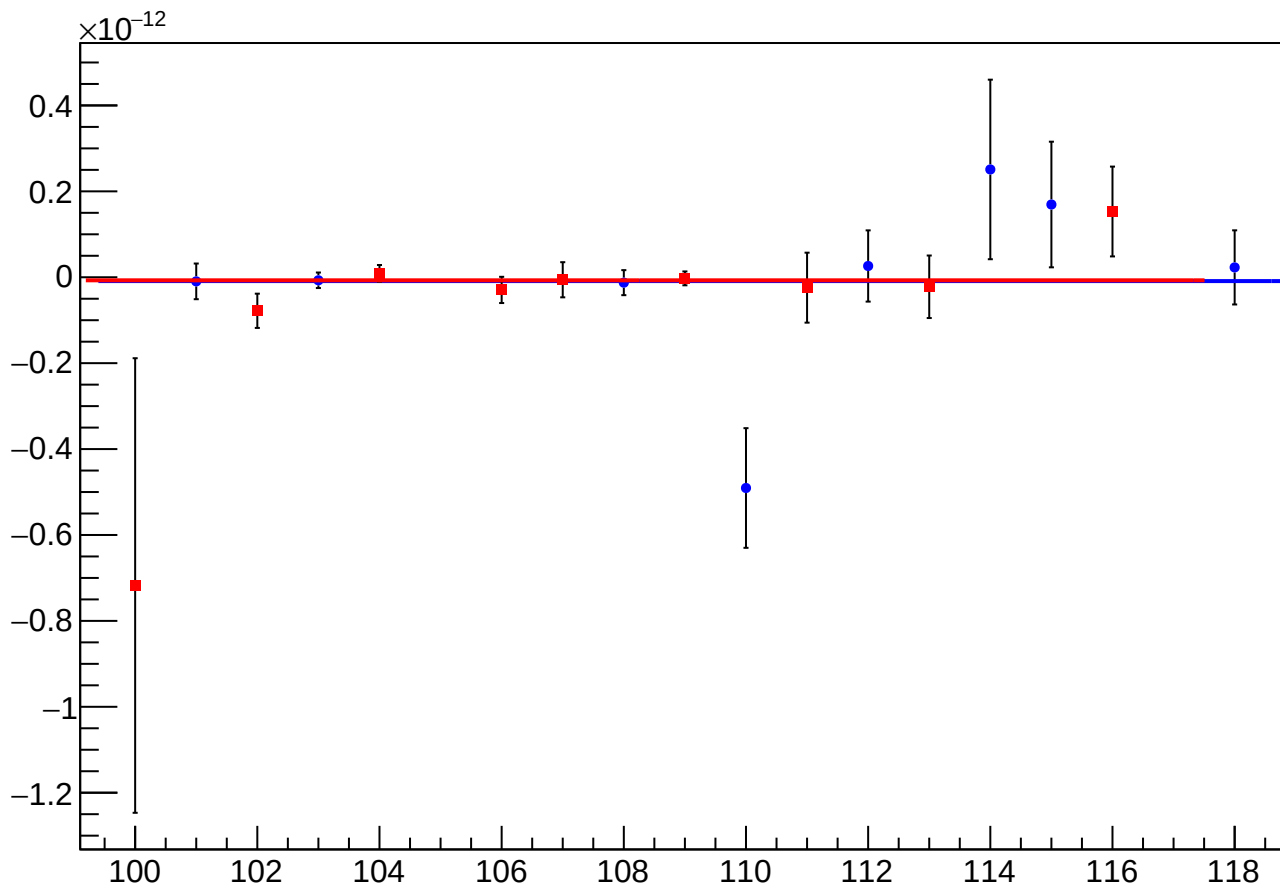
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.835+/-0.017 χ^2/NDF : 3564922.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 15.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 8.7/8

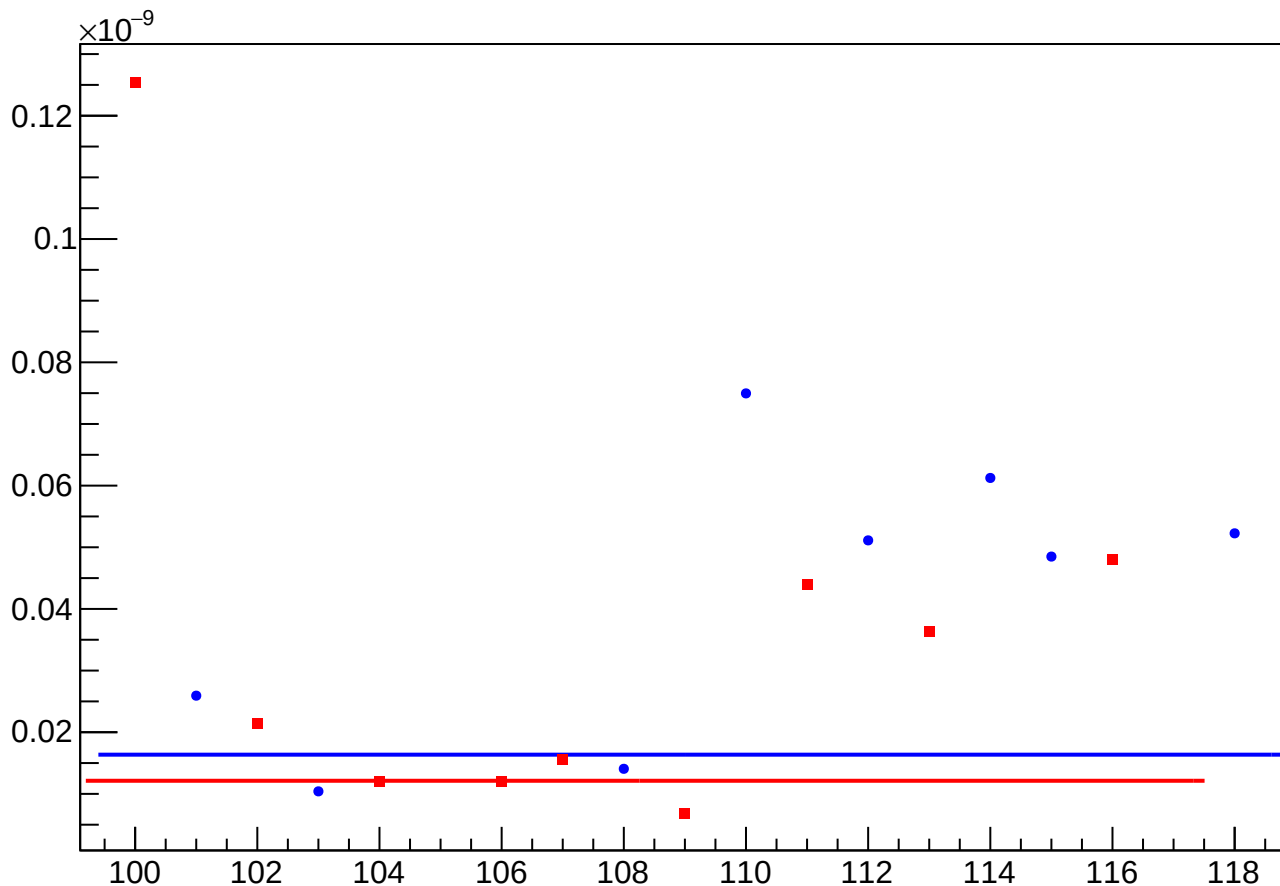
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1576391.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1196434.5/8

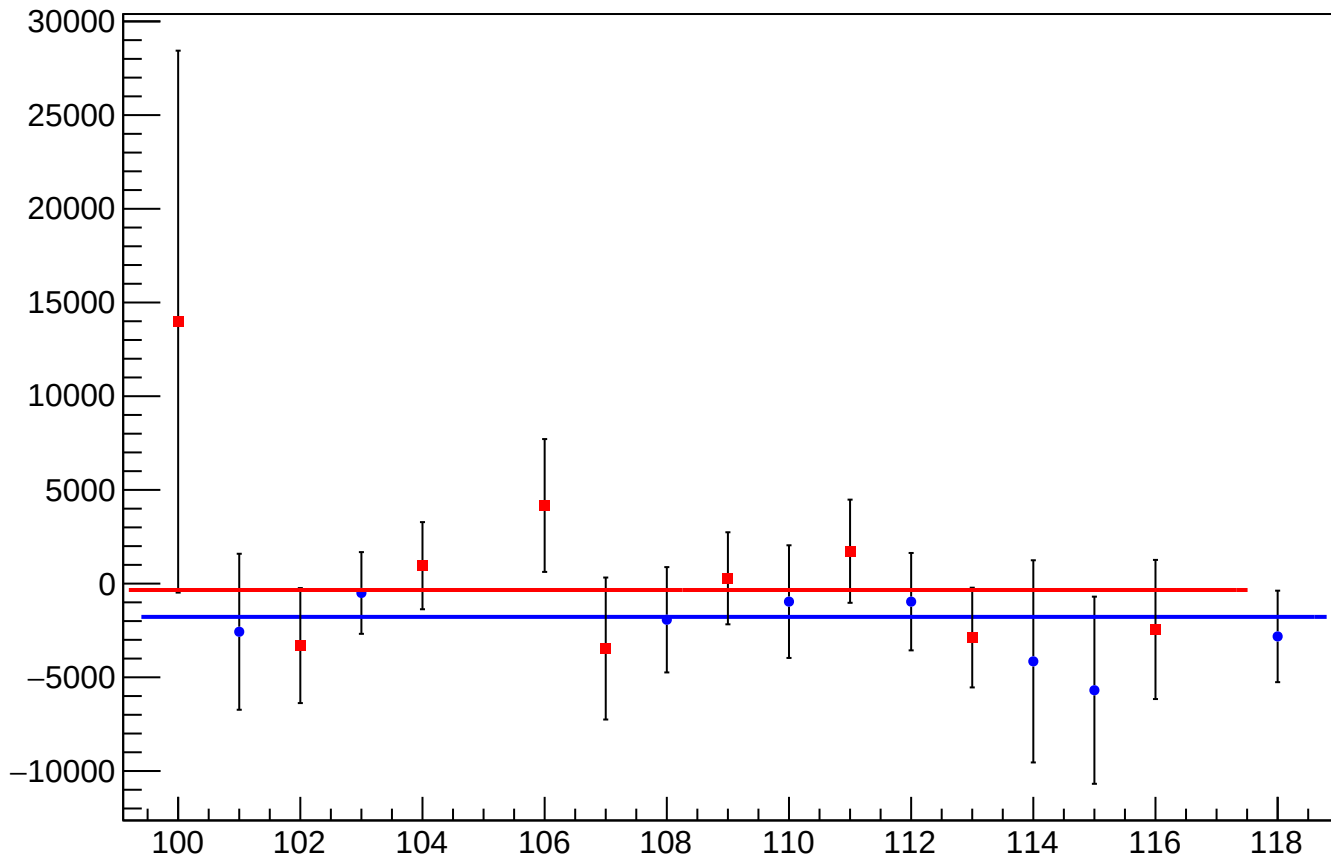
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2892551.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



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: -340.999+/-1022.269 χ^2/NDF : 6.4/8

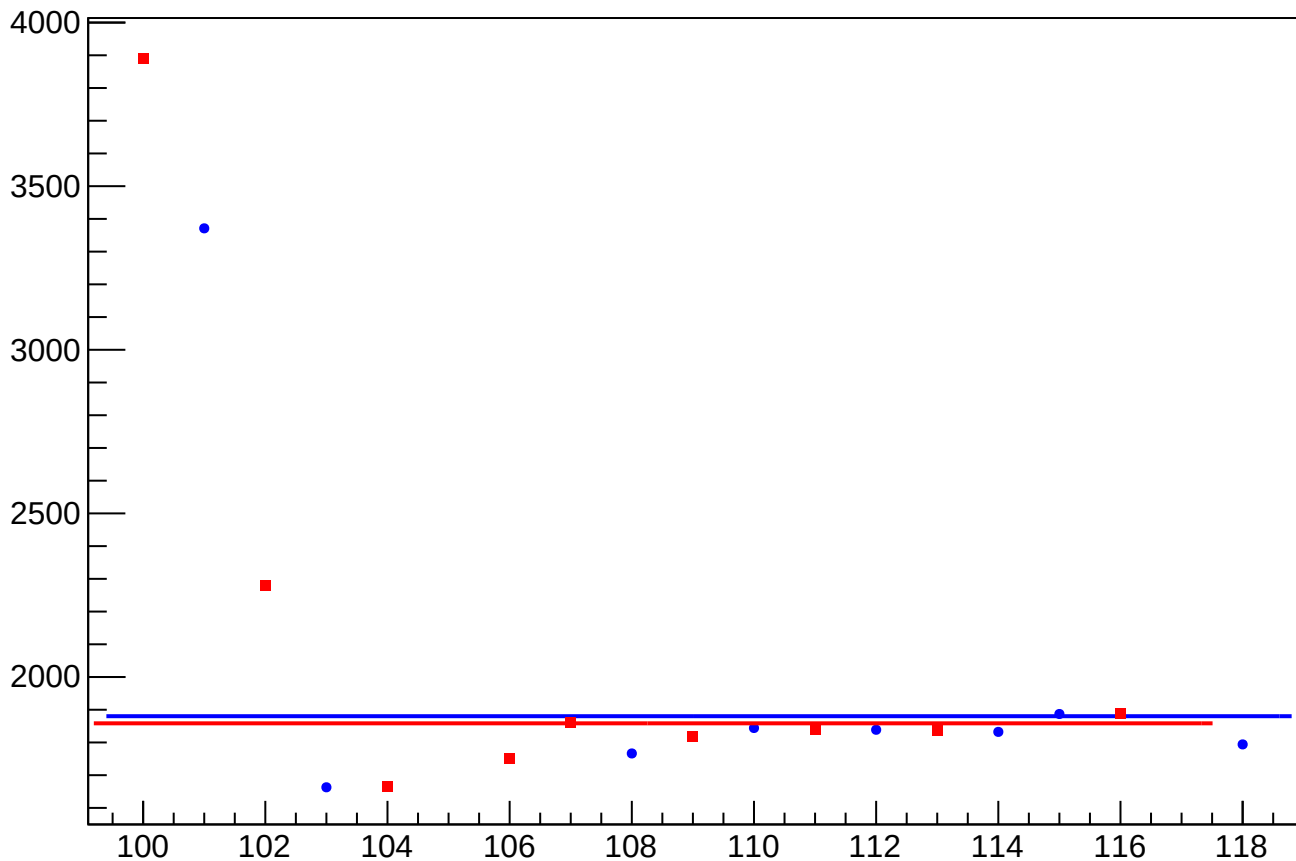
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1034.674+/-734.687 χ^2/NDF : 8.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



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: 1858.472+/-0.723 χ^2/NDF : 93822.0/8

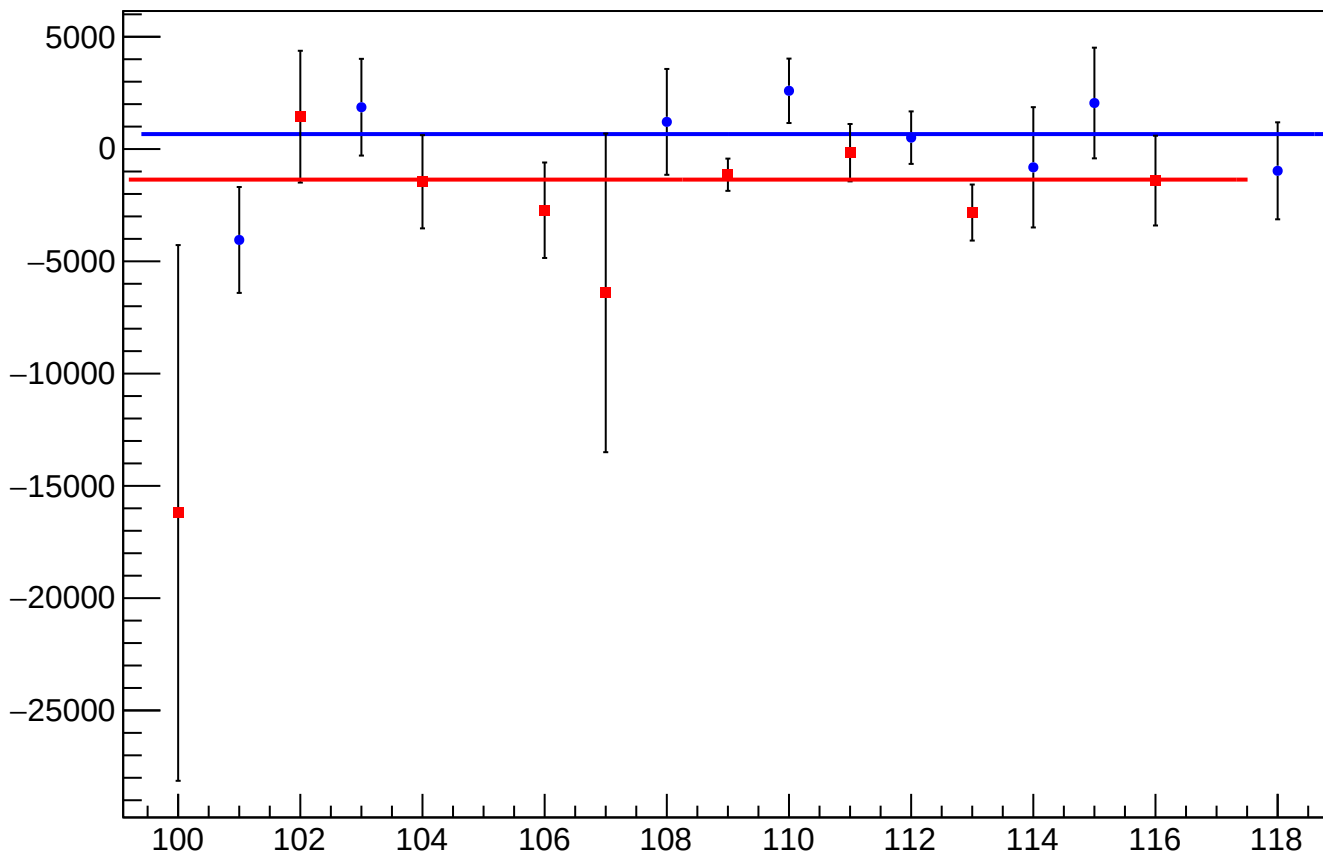
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1869.003+/-0.519 χ^2/NDF : 377504.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 666.262 $\pm$ 657.753 χ^2 /NDF: 7.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1360.735 $\pm$ 497.369 χ^2 /NDF: 5.7/8

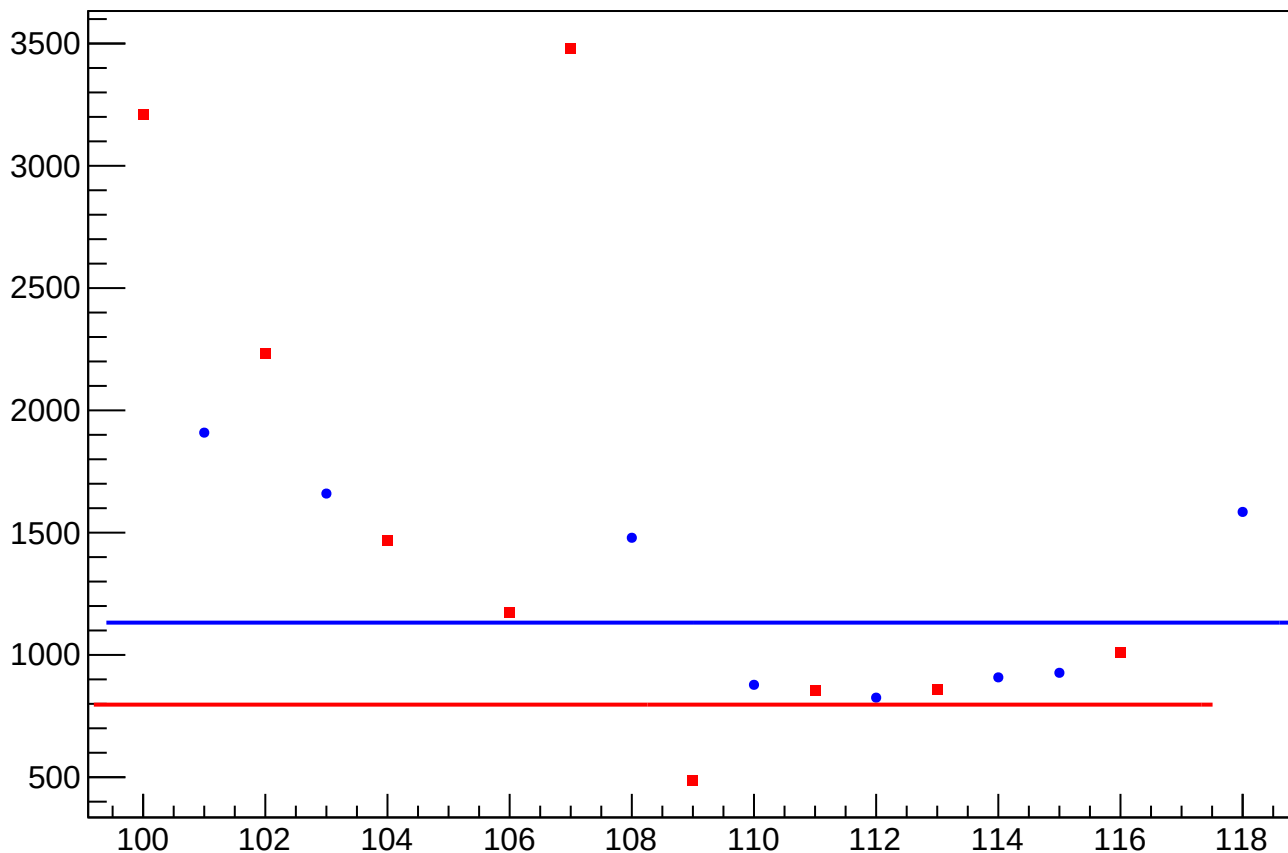
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -623.354 $\pm$ 396.719 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



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: 796.769+/-0.352 χ^2/NDF : 1524552.6/8

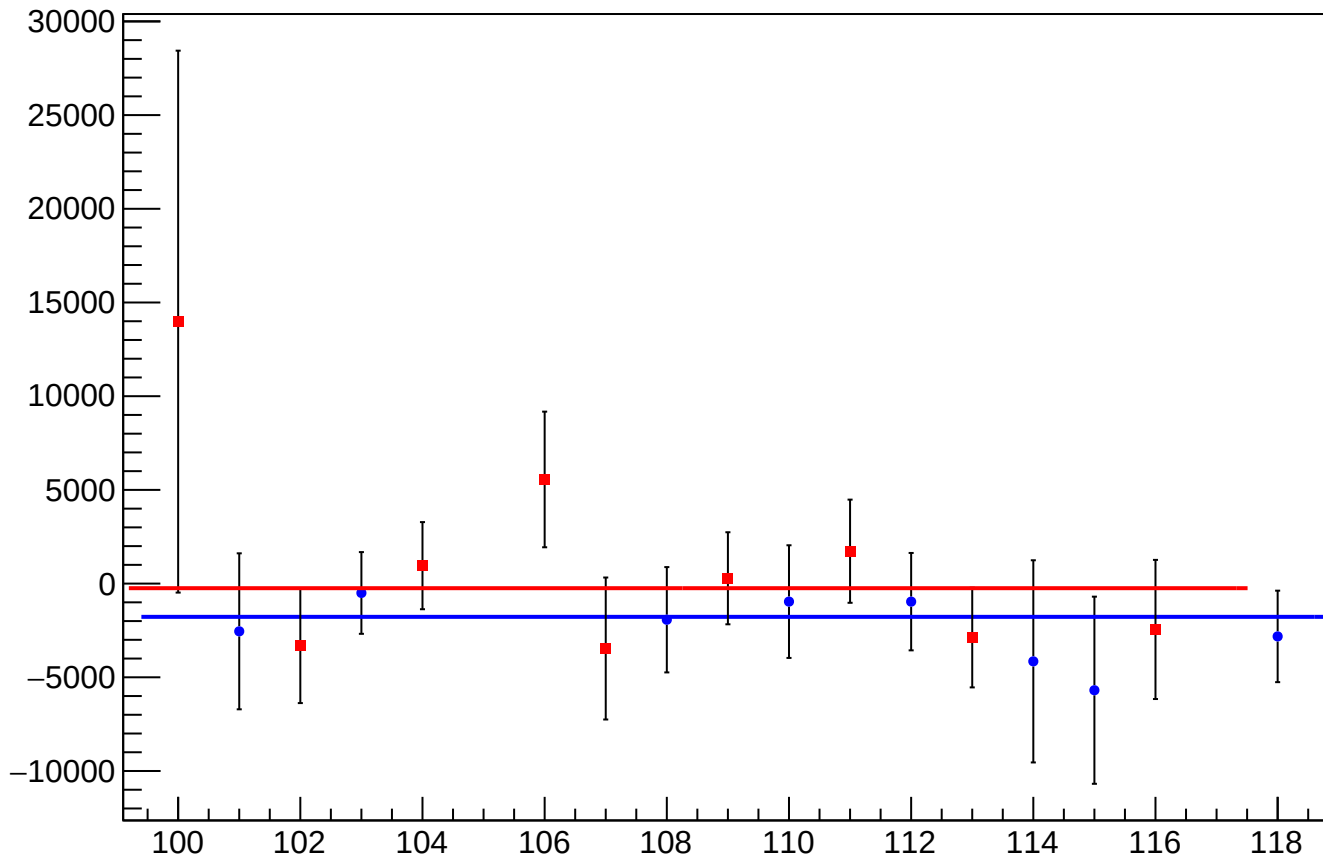
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.753+/-0.281 χ^2/NDF : 2551930.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



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: -245.072+/-1024.009 χ^2/NDF : 7.4/8

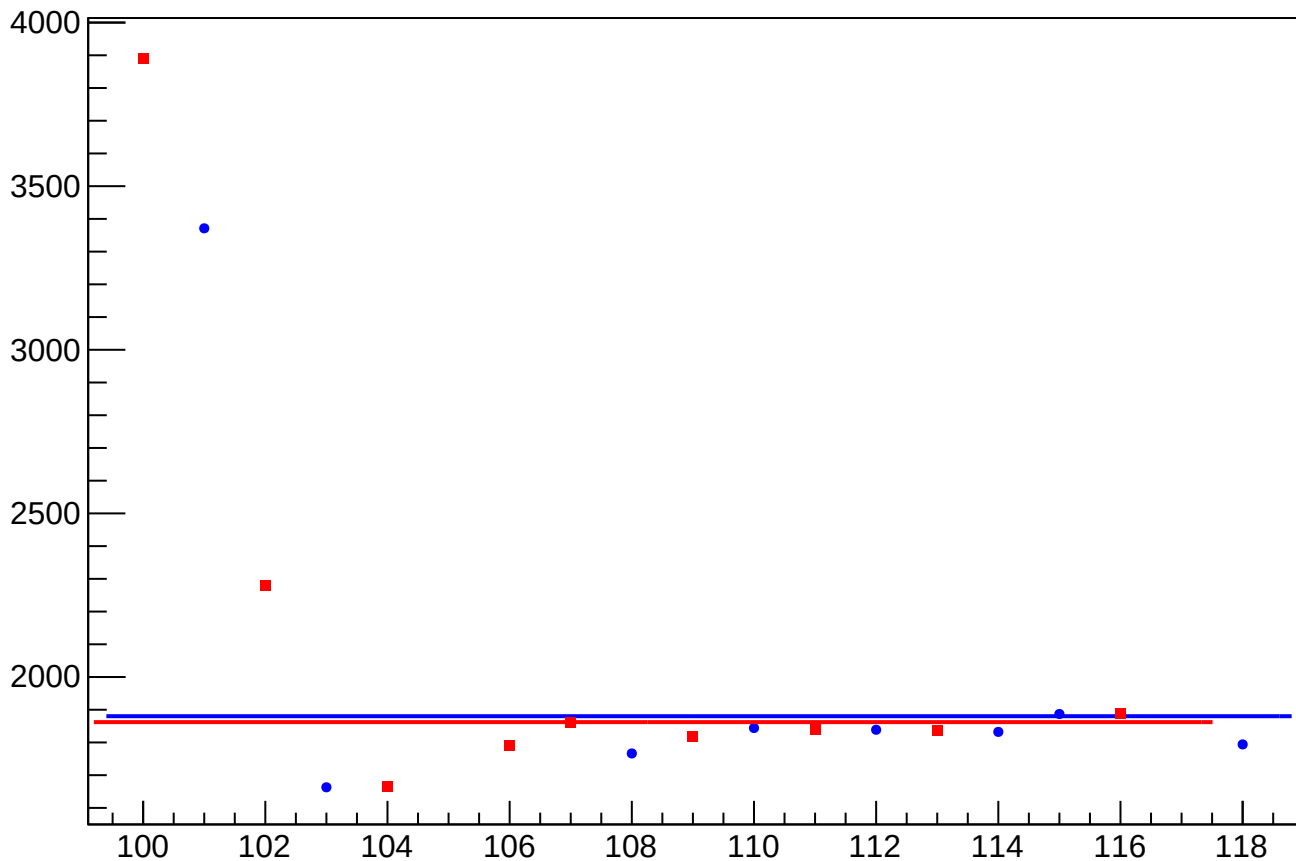
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -985.710+/-735.332 χ^2/NDF : 10.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



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: 1862.113+/-0.724 χ^2/NDF : 92629.8/8

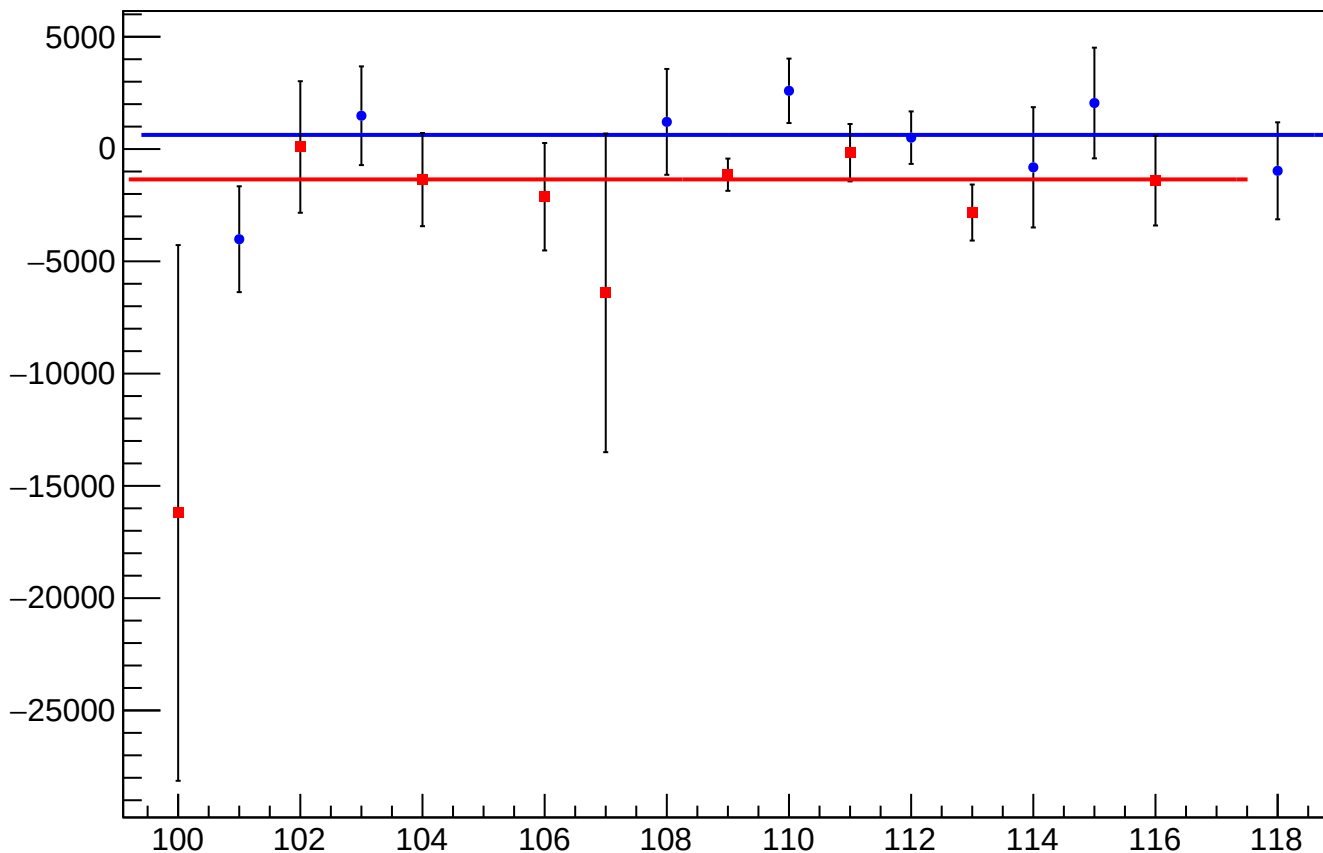
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.899+/-0.520 χ^2/NDF : 376179.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 629.905 $\pm$ 658.968 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1351.433 $\pm$ 500.189 χ^2 /NDF: 4.8/8

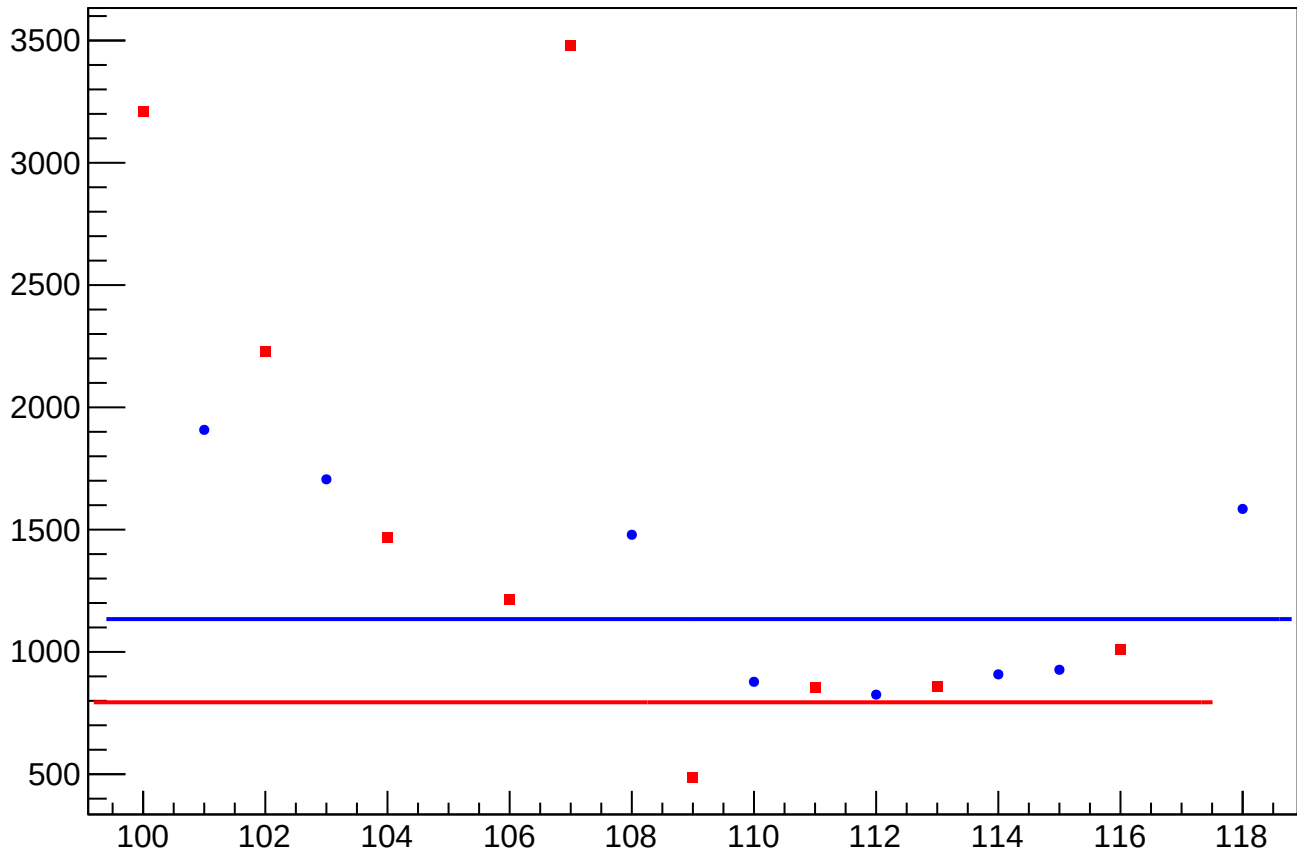
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -627.165 $\pm$ 398.414 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



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: 794.086+/-0.354 χ^2/NDF : 1520700.1/8

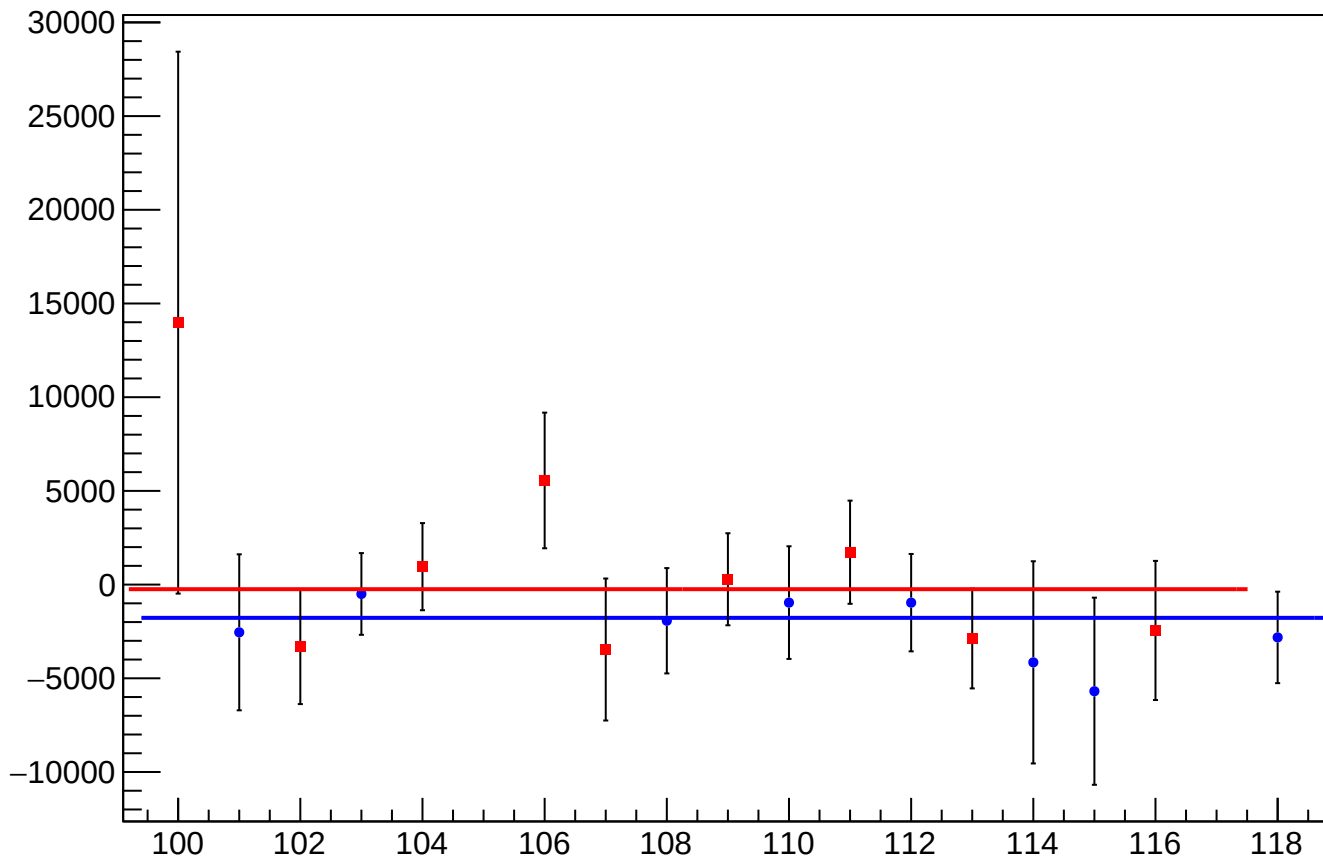
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.422+/-0.282 χ^2/NDF : 2571212.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



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: -245.072 $\pm$ 1024.009 χ^2 /NDF: 7.4/8

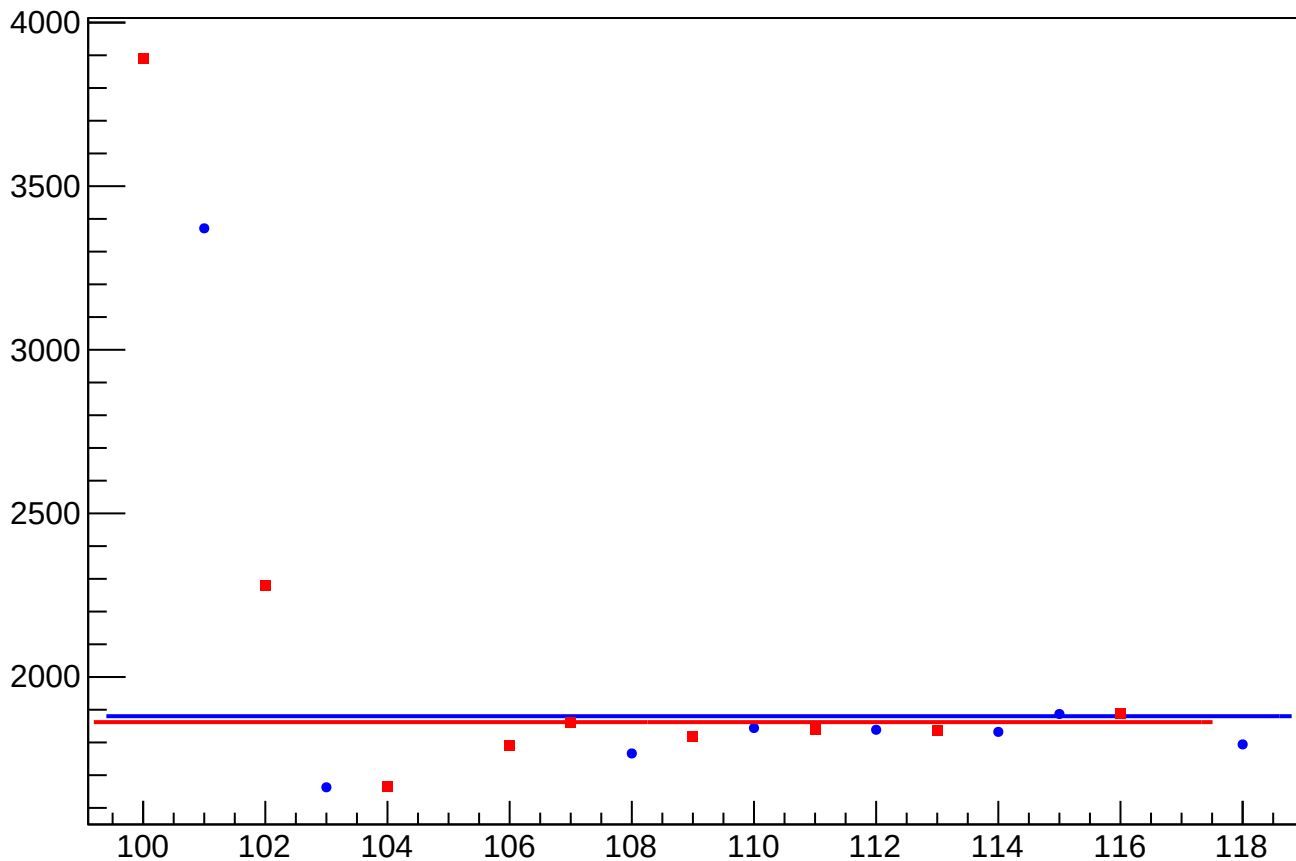
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -985.710 $\pm$ 735.332 χ^2 /NDF: 10.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



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: 1862.113+/-0.724 χ^2/NDF : 92629.8/8

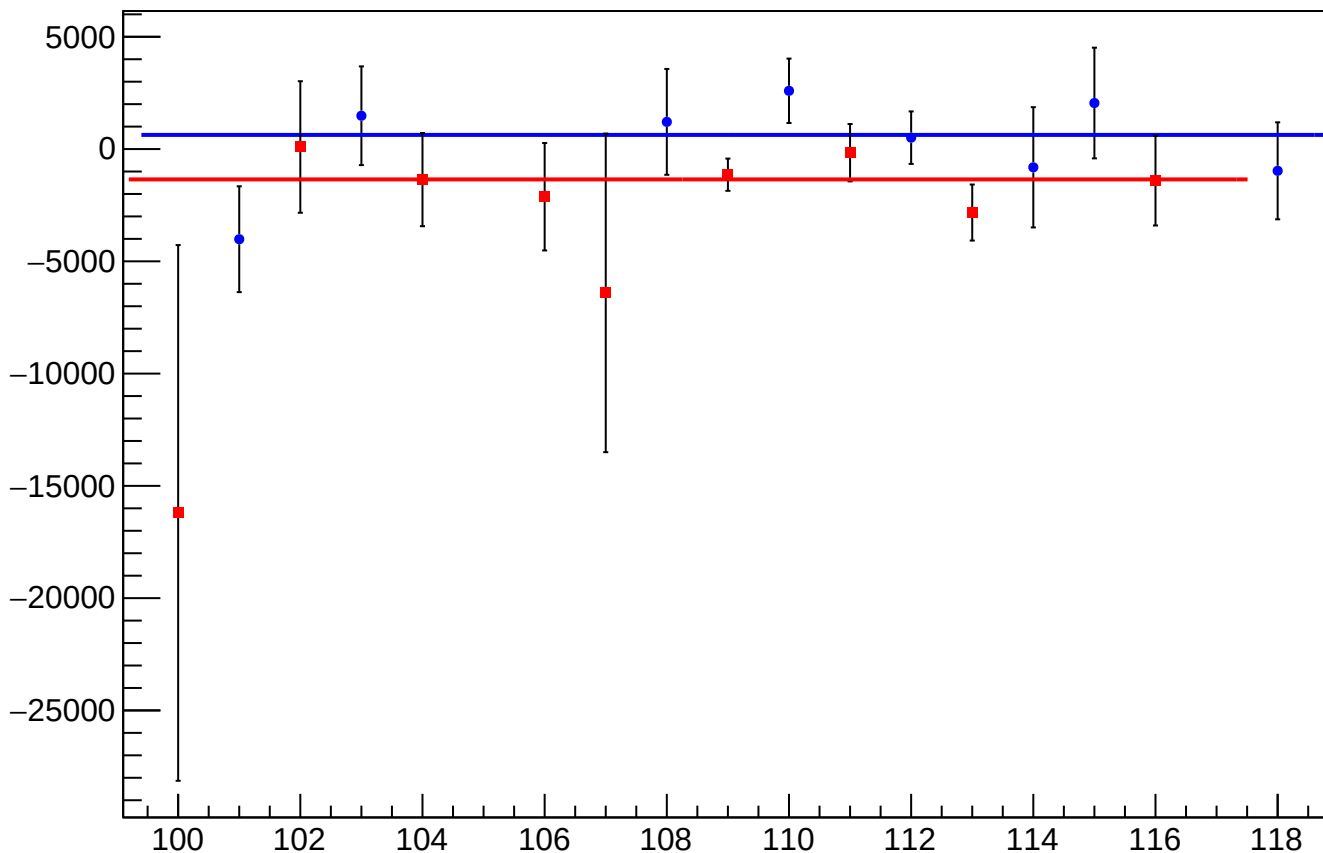
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.899+/-0.520 χ^2/NDF : 376179.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 629.905 $\pm$ 658.968 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1351.433 $\pm$ 500.189 χ^2 /NDF: 4.8/8

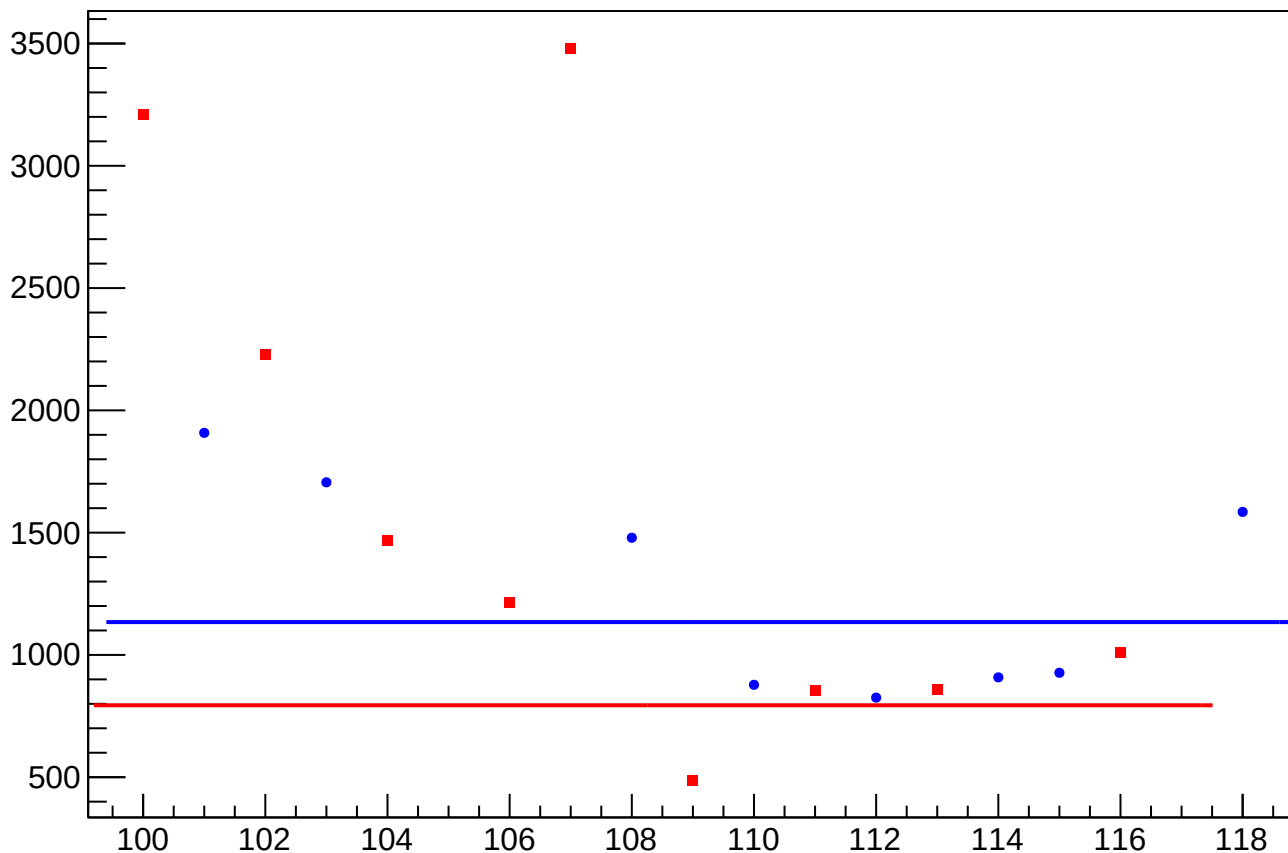
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -627.165 $\pm$ 398.414 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



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: 794.086+/-0.354 χ^2/NDF : 1520700.1/8

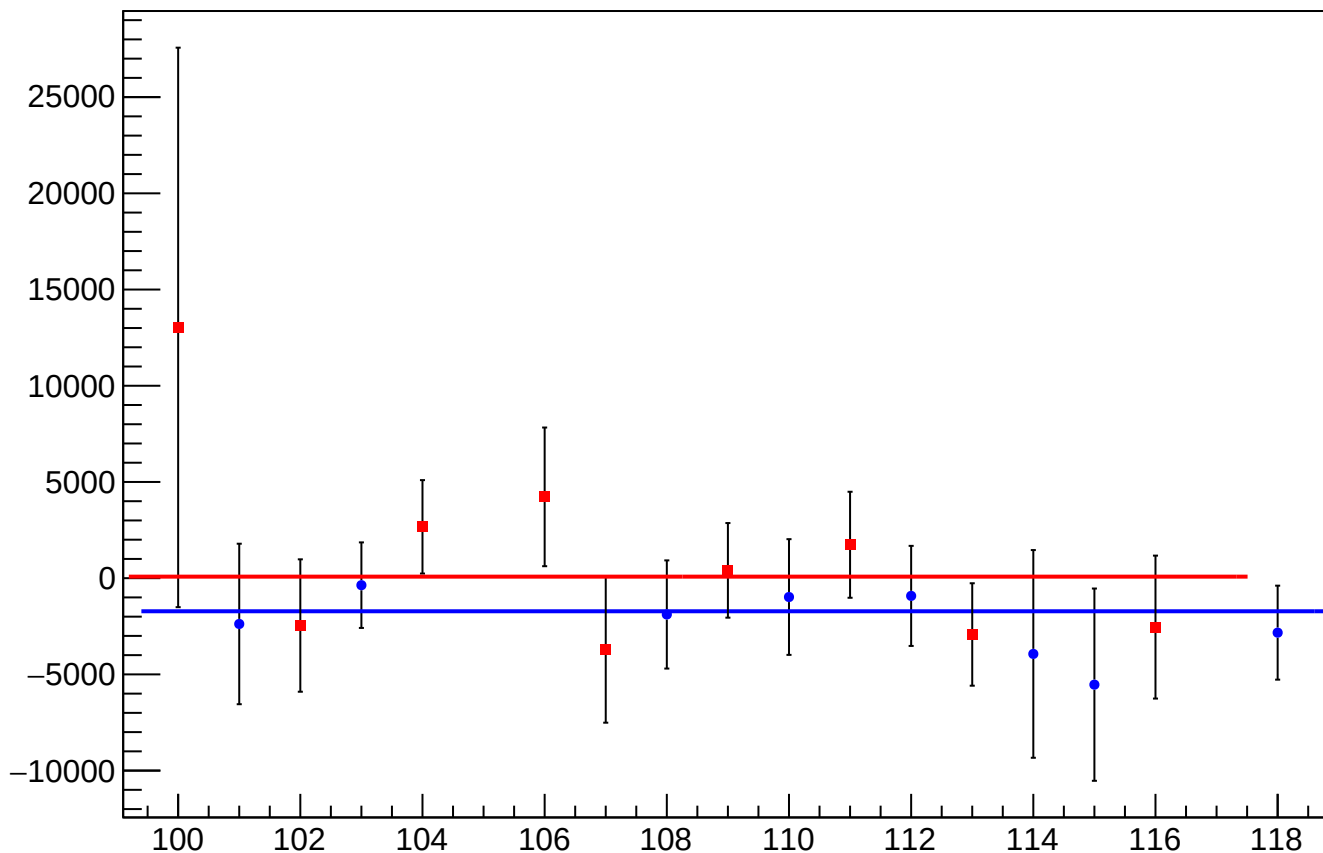
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.422+/-0.282 χ^2/NDF : 2571212.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1719.732 $\pm$ 1061.867 χ^2 /NDF: 1.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.649 $\pm$ 1044.797 χ^2 /NDF: 7.0/8

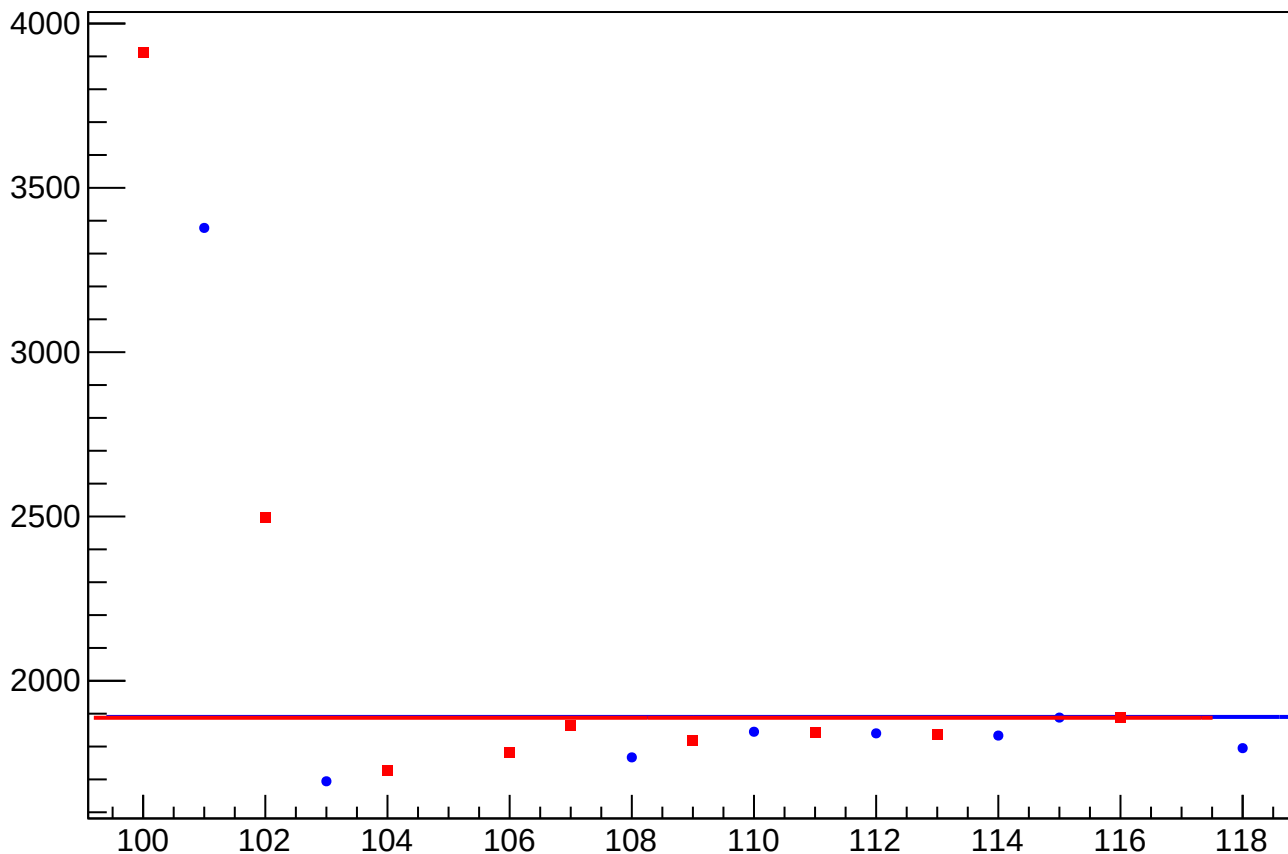
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -805.462 $\pm$ 744.745 χ^2 /NDF: 9.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



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: 1887.573+/-0.739 χ^2/NDF : 114847.9/8

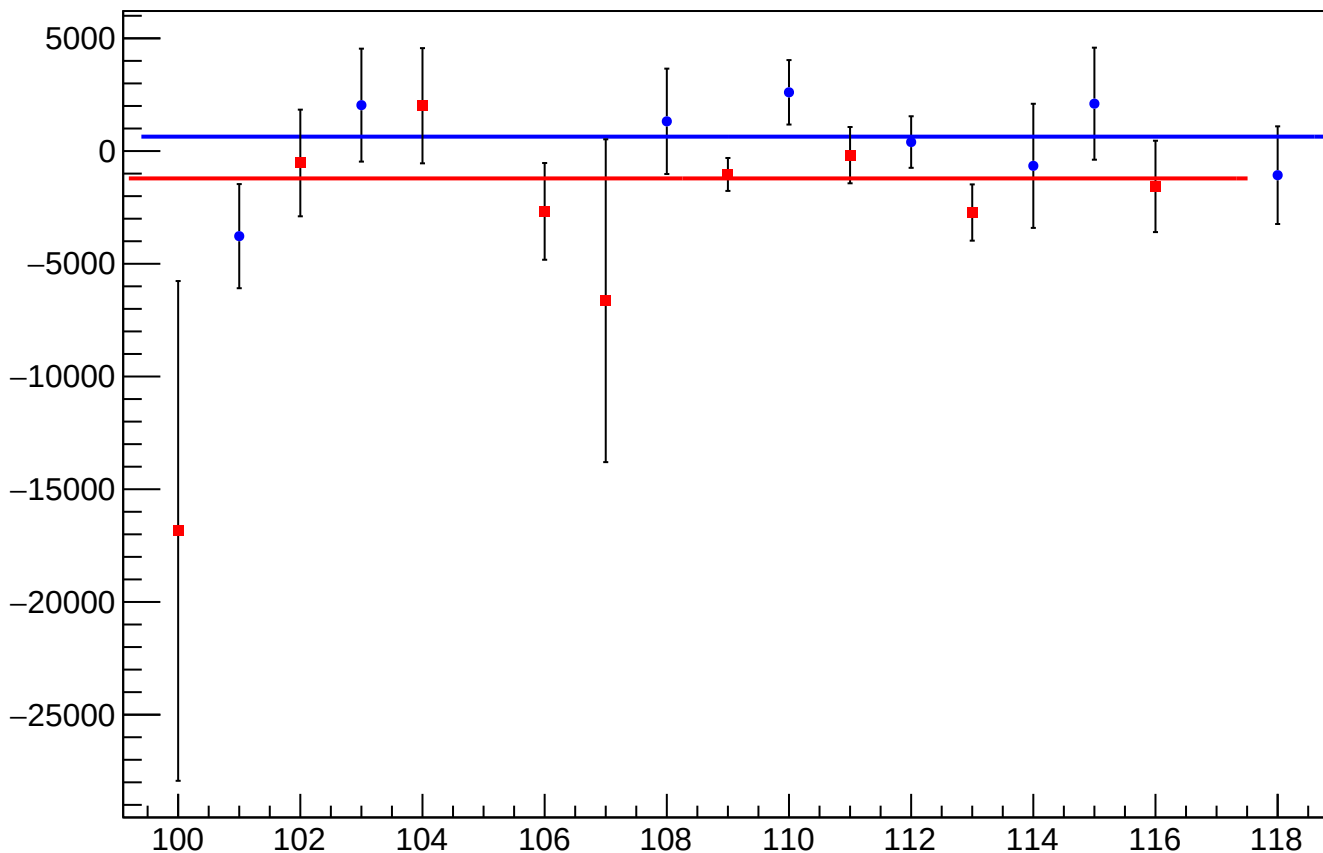
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.842+/-0.527 χ^2/NDF : 393238.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



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: -1213.480+/-501.372 χ^2/NDF : 6.9/8

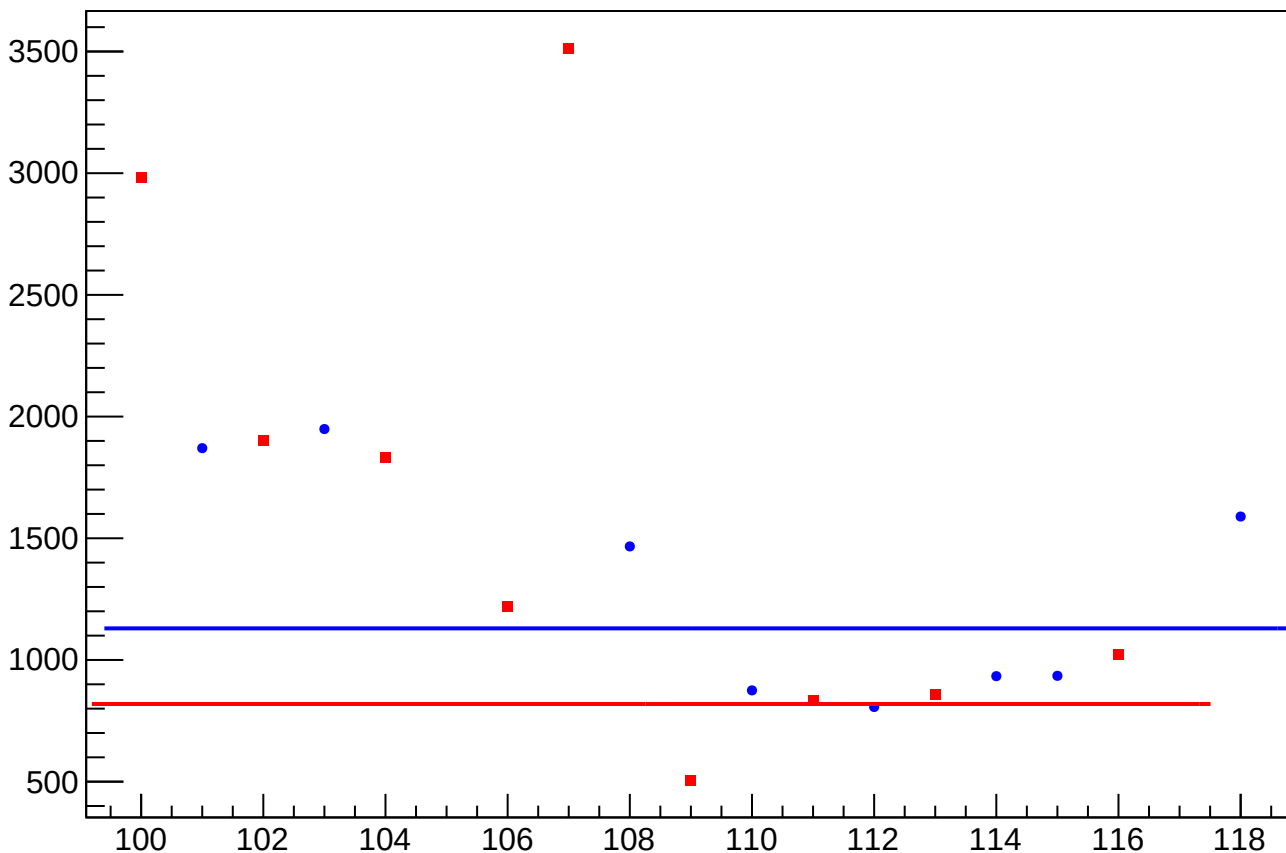
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.392+/-399.392 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1129.771+/-0.467 χ^2/NDF : 796254.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

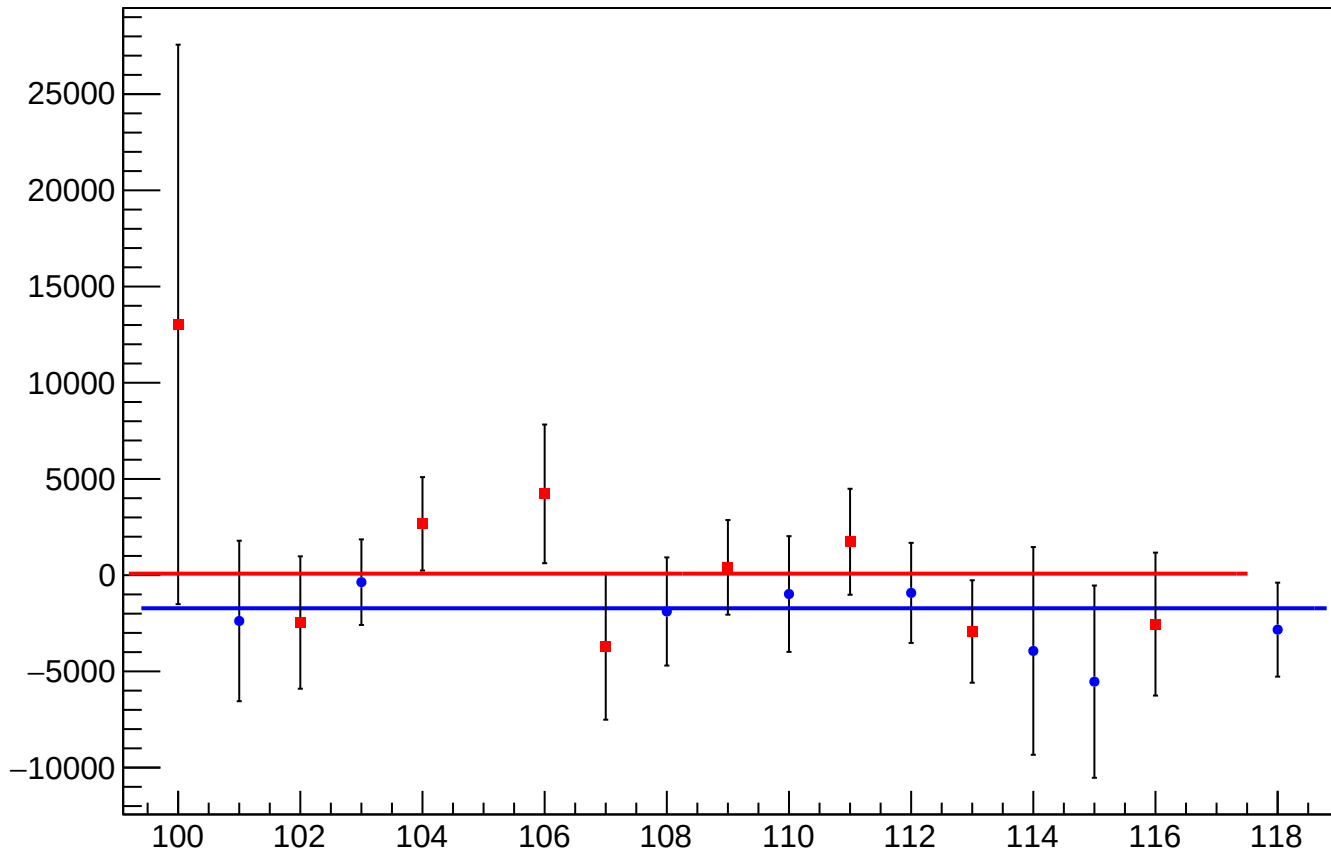
Right Out: 819.142+/-0.355 χ^2/NDF : 1558833.9/8

All: 932.655+/-0.282 χ^2/NDF : 2635632.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1719.731 $\pm$ 1061.867 χ^2 /NDF: 1.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.653 $\pm$ 1044.797 χ^2 /NDF: 7.0/8

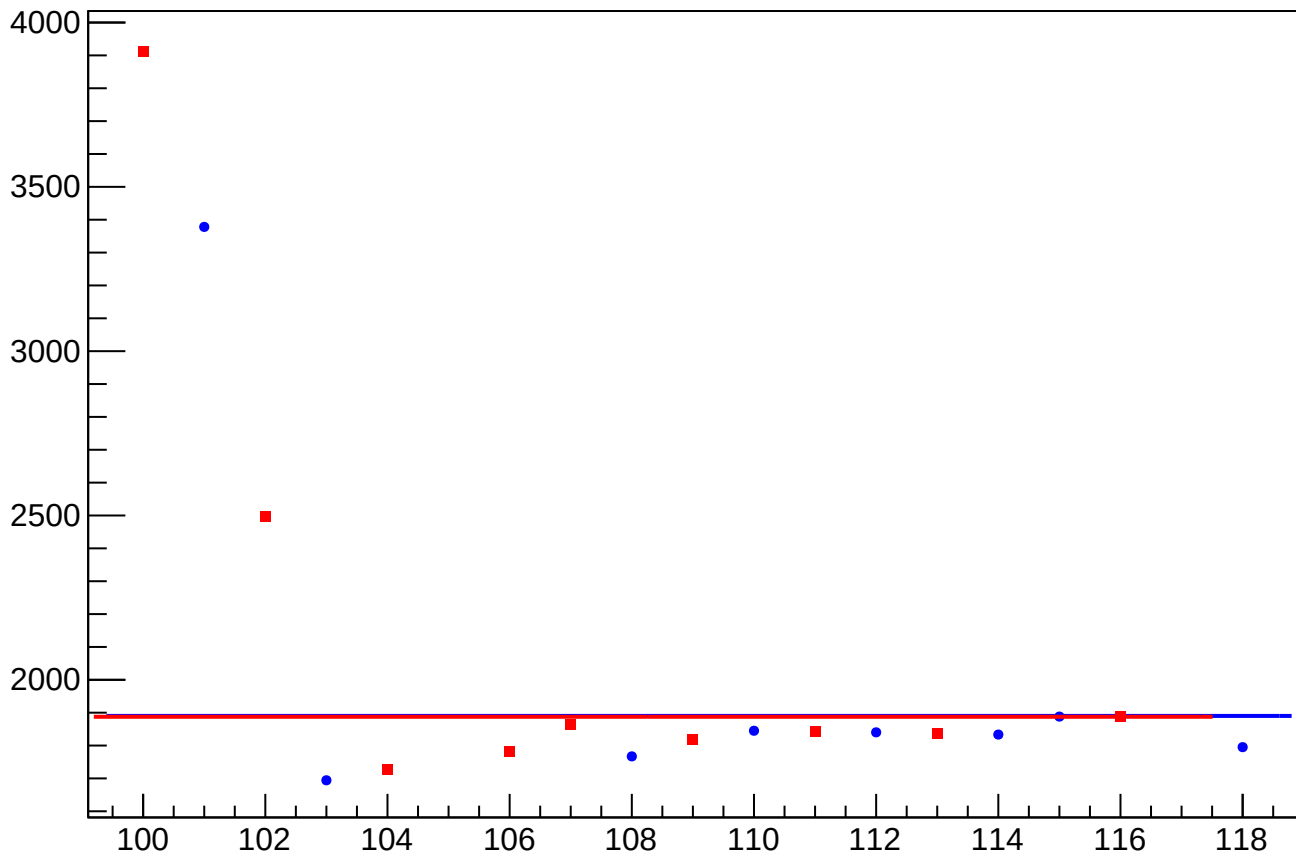
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -805.459 $\pm$ 744.745 χ^2 /NDF: 9.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



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: 1887.573+/-0.739 χ^2/NDF : 114847.9/8

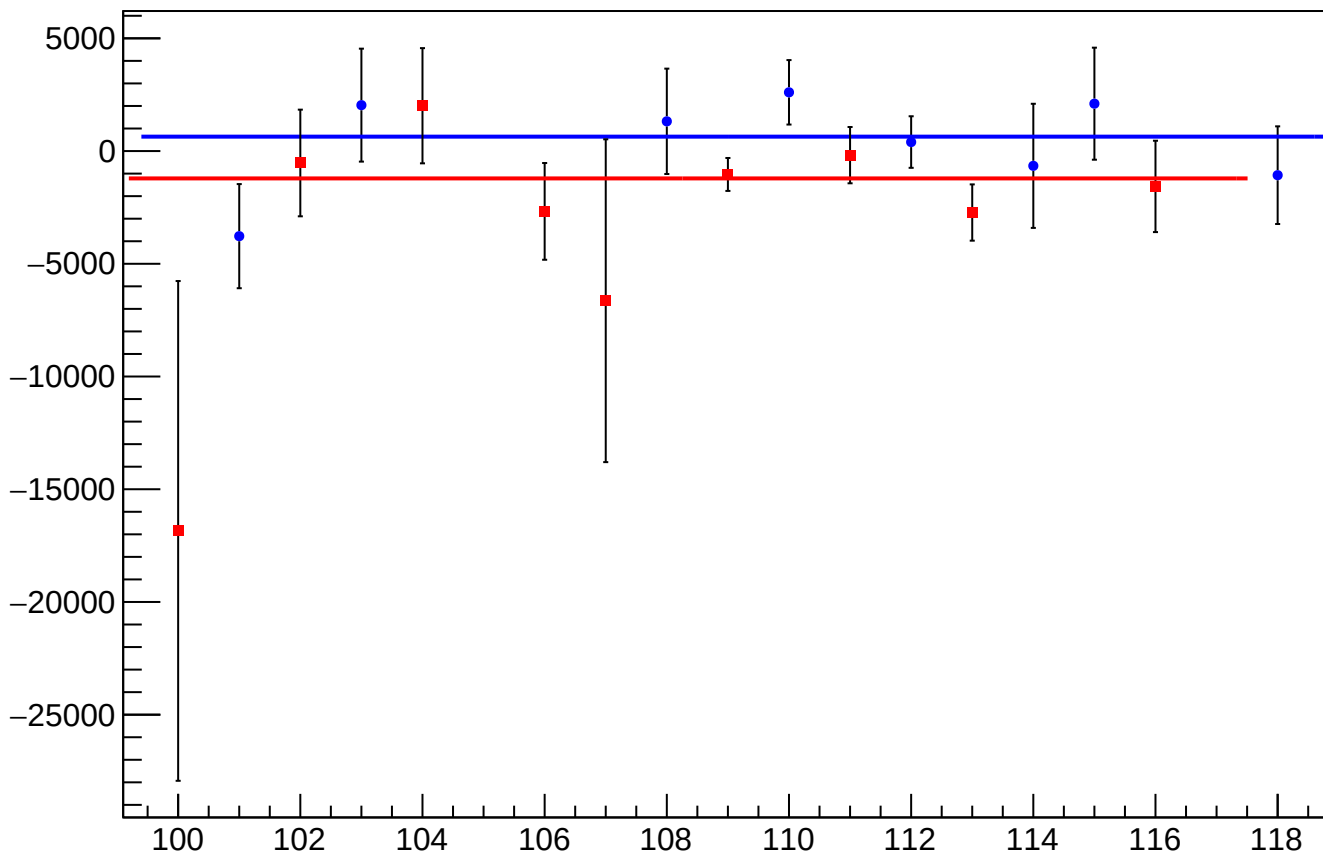
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1888.842+/-0.527 χ^2/NDF : 393238.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



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: -1213.478+/-501.371 χ^2/NDF : 6.9/8

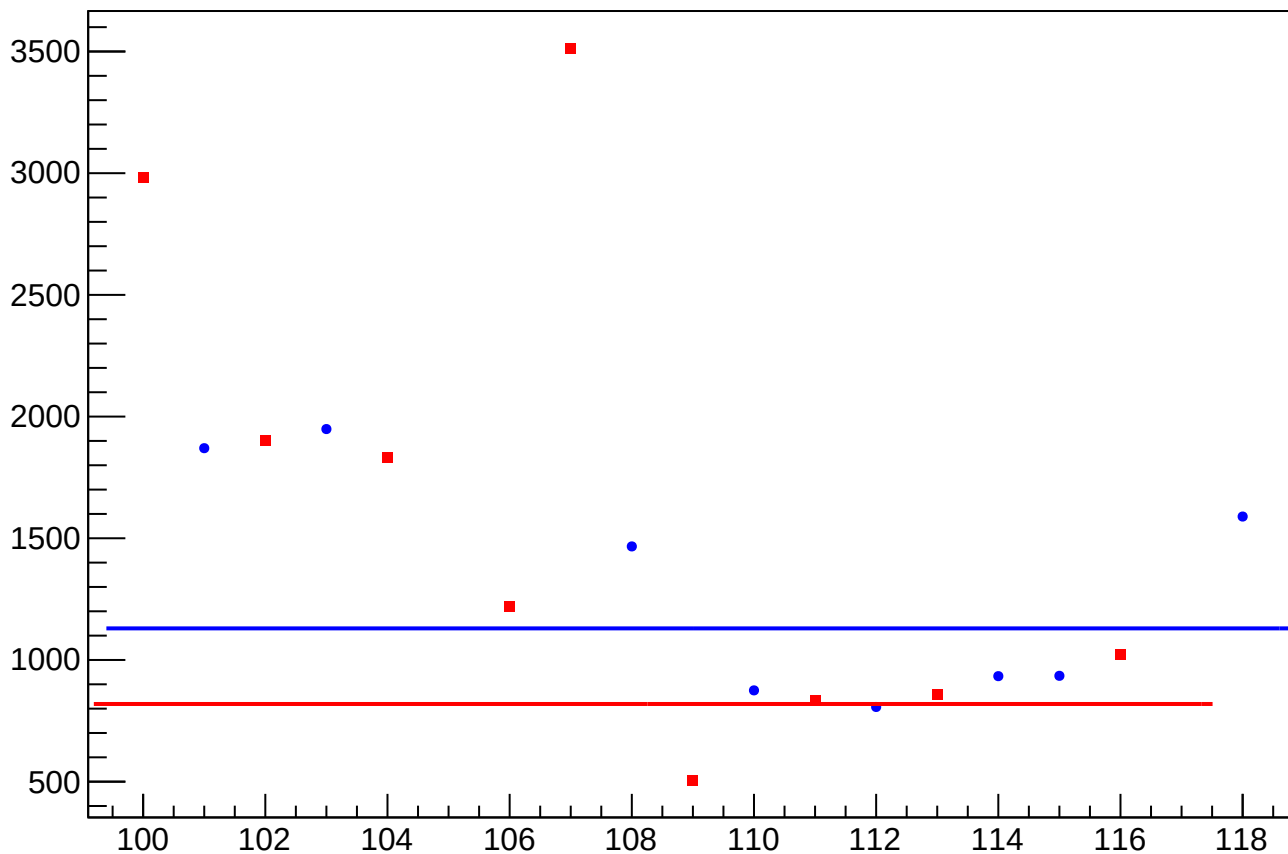
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.388+/-399.391 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1129.764 $\pm$ 0.467 χ^2 /NDF: 796265.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

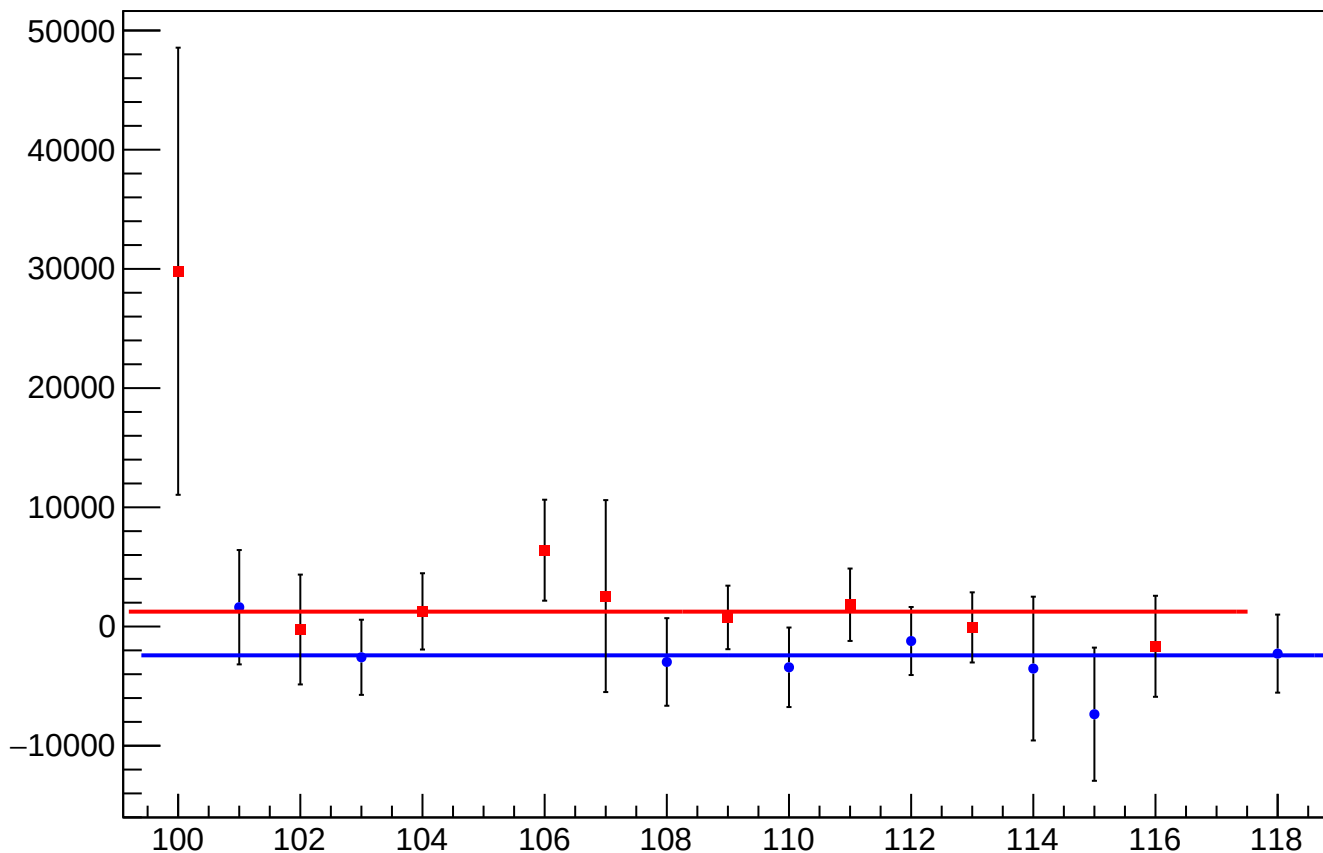
Right Out: 819.141 $\pm$ 0.355 χ^2 /NDF: 1558829.1/8

All: 932.653 $\pm$ 0.282 χ^2 /NDF: 2635628.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -2417.396 $\pm$ 1308.804 χ^2 /NDF: 1.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1248.347 $\pm$ 1250.743 χ^2 /NDF: 4.7/8

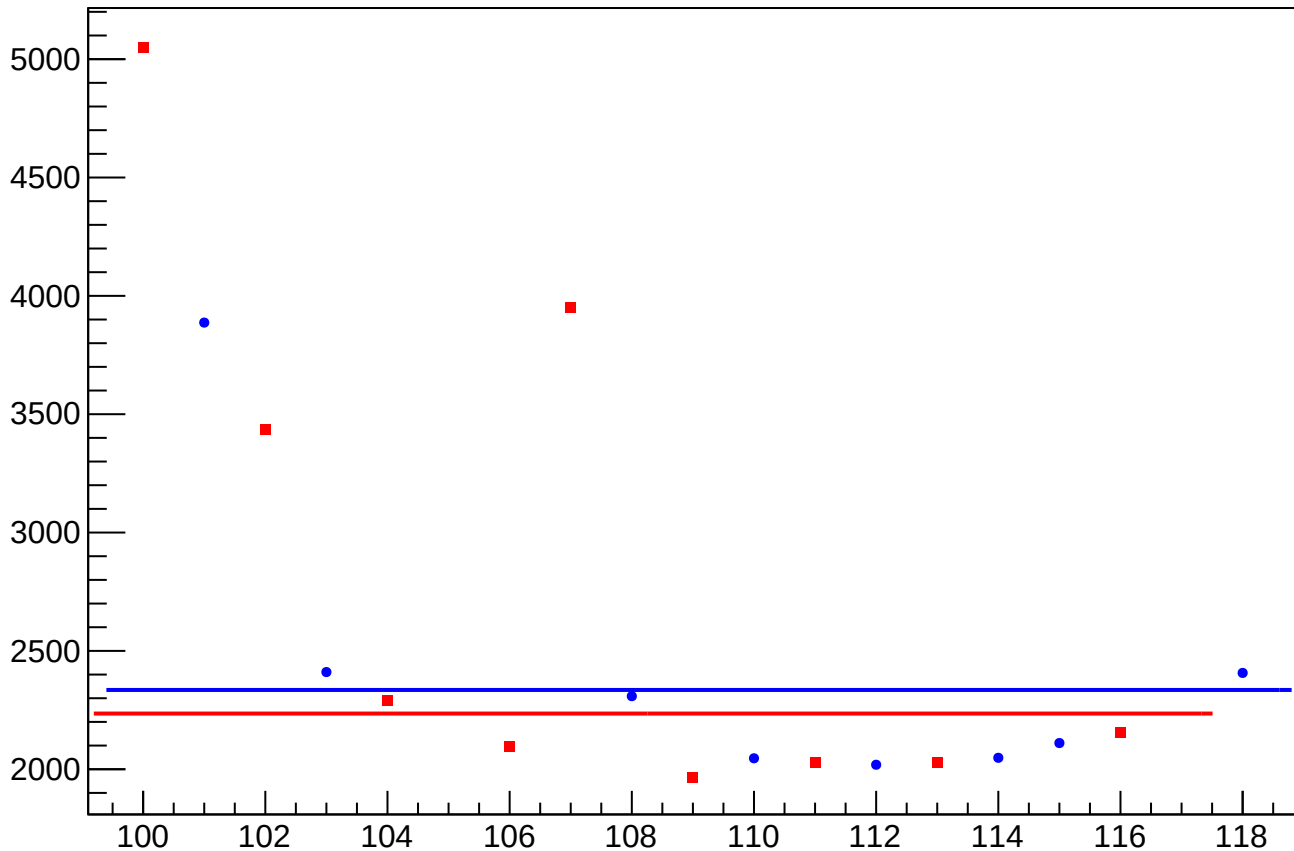
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -501.413 $\pm$ 904.239 χ^2 /NDF: 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2334.974 $\pm$ 0.925 χ^2 /NDF: 258880.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2235.282 $\pm$ 0.884 χ^2 /NDF: 314350.4/8

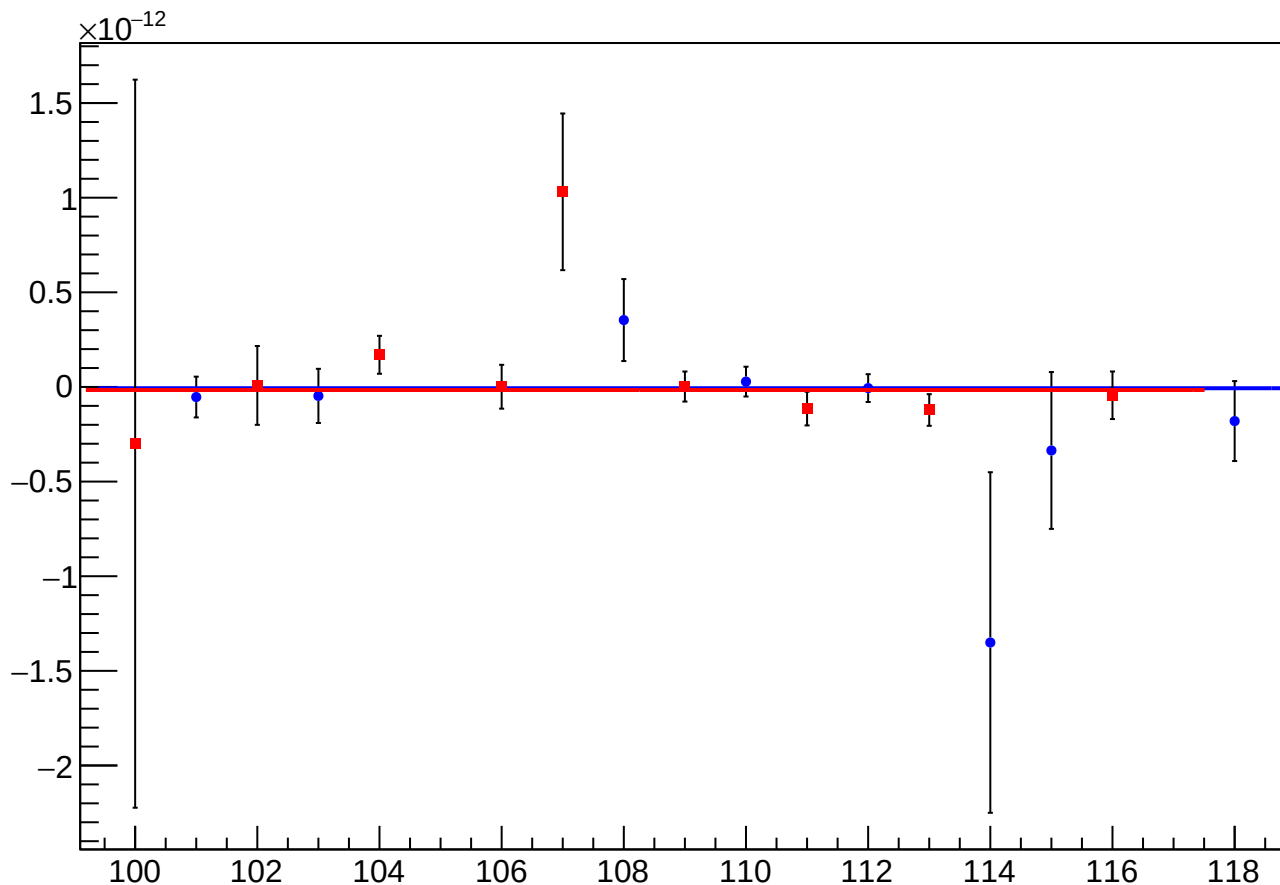
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2282.867 $\pm$ 0.639 χ^2 /NDF: 579295.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



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 : 12.8/8

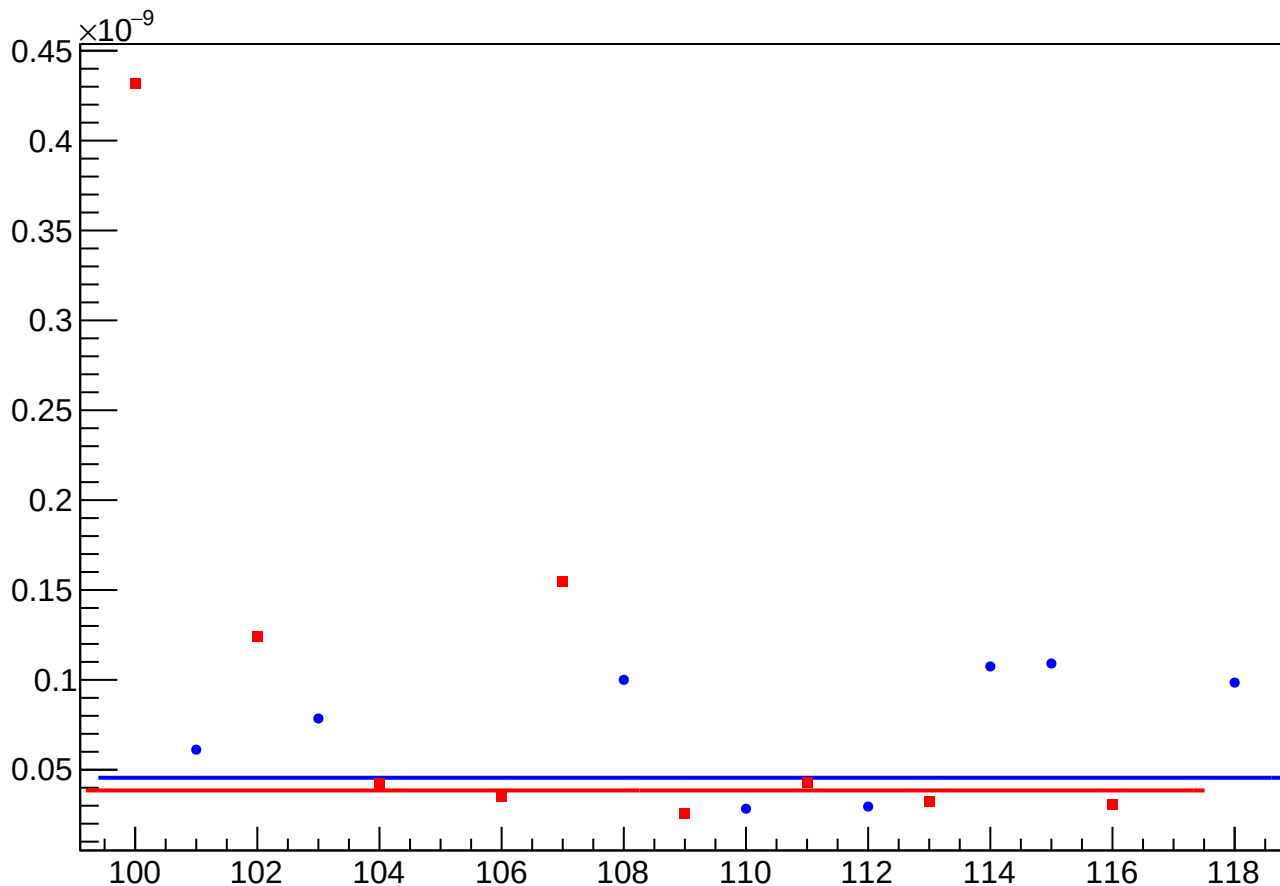
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug



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 : 659192.7/8

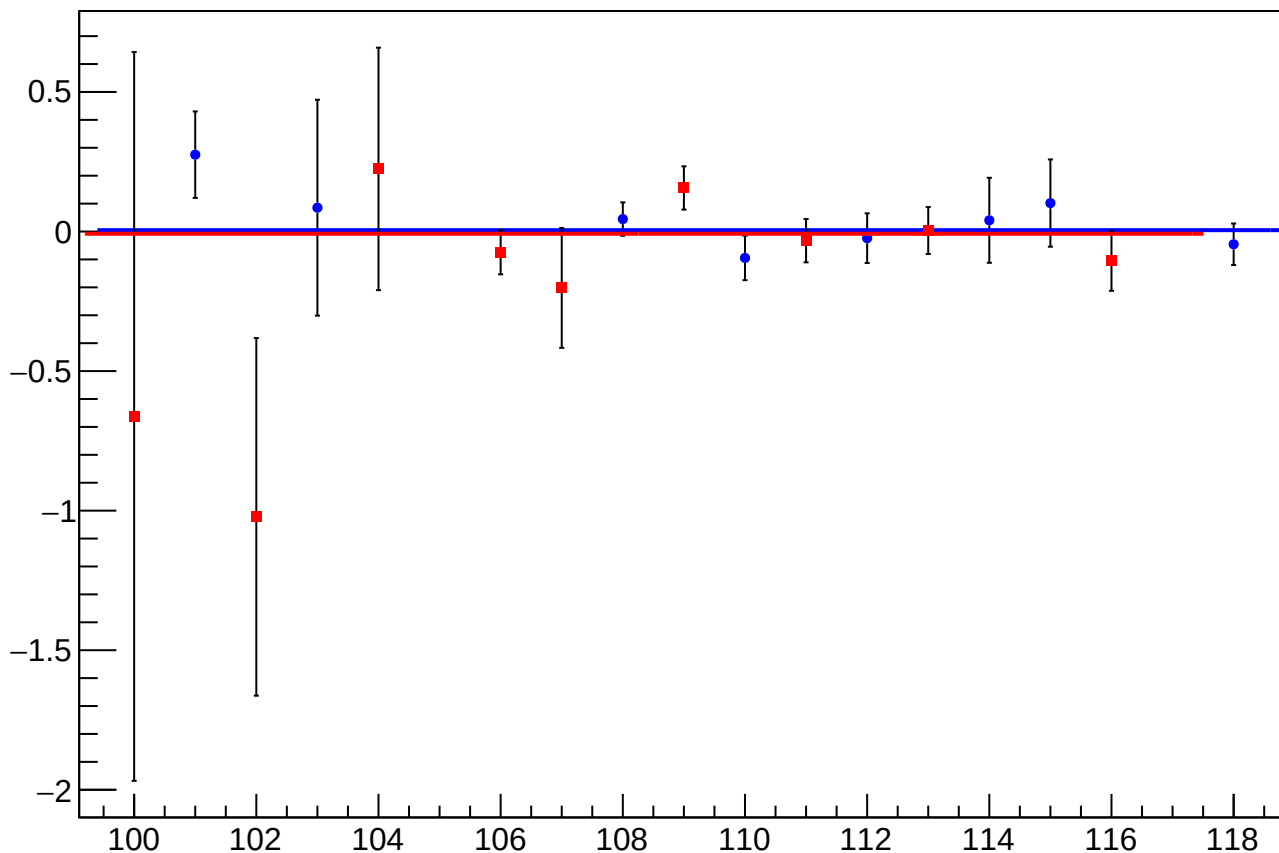
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1337686.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.034 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.037 χ^2 /NDF: 10.0/8

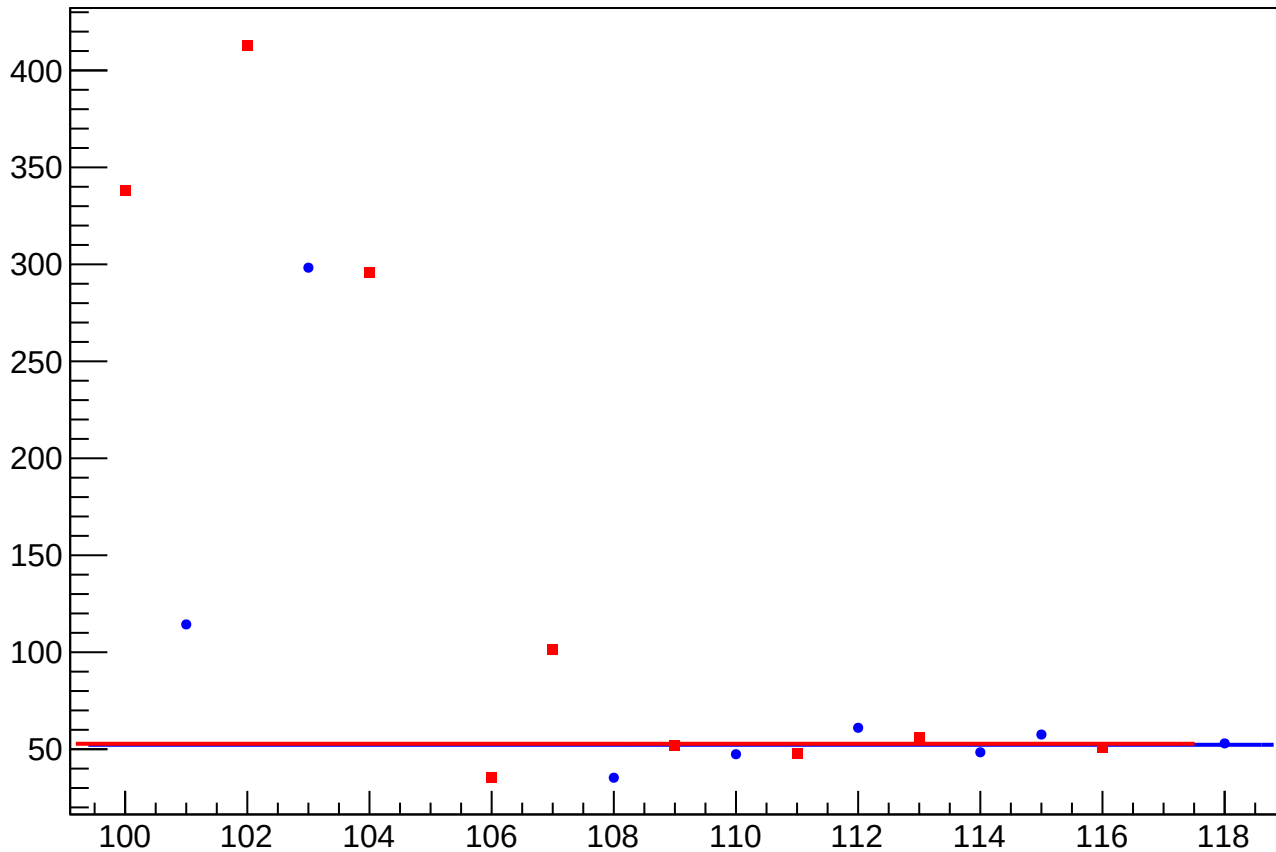
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.025 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug



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: 52.806+/-0.026 χ^2/NDF : 1566607.2/8

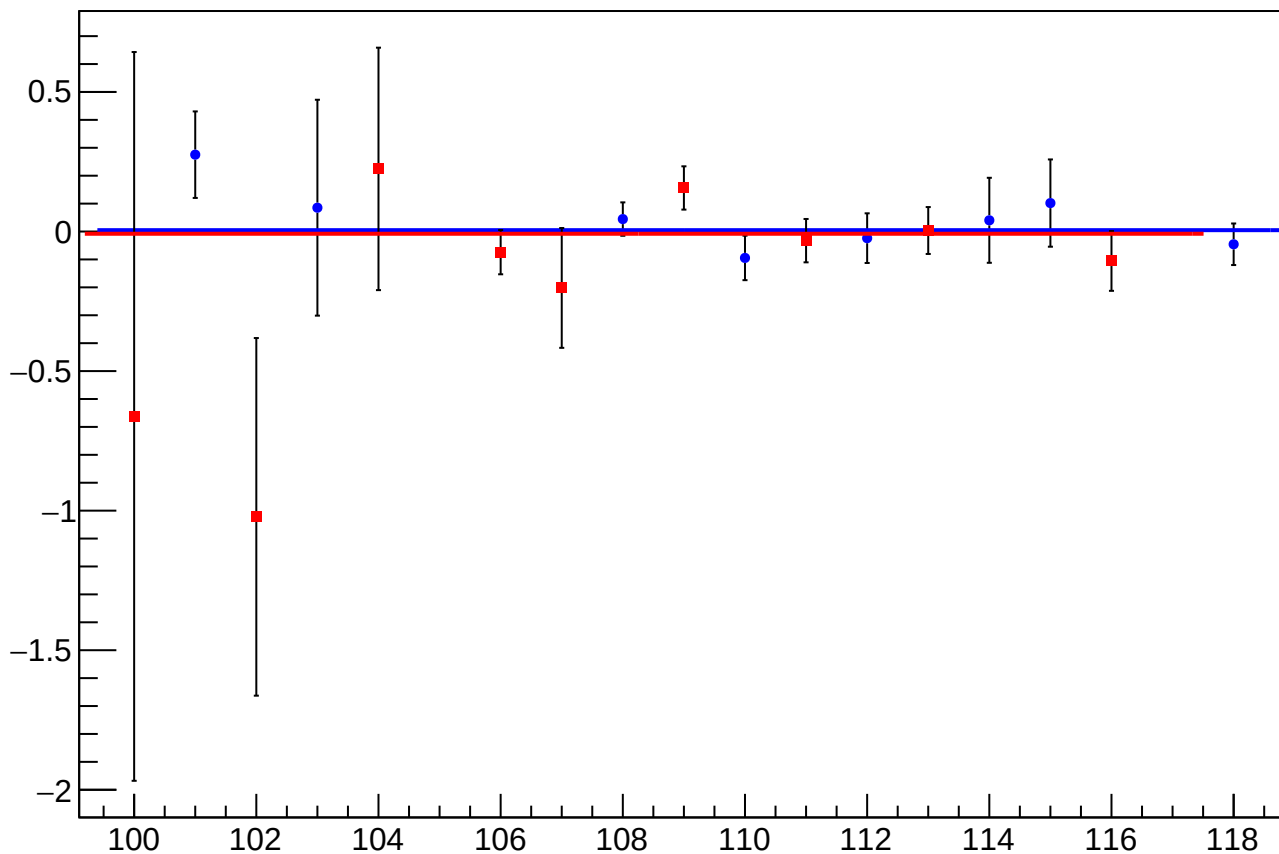
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.523+/-0.018 χ^2/NDF : 2888687.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.034 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.008 $\pm$ 0.037 χ^2 /NDF: 10.0/8

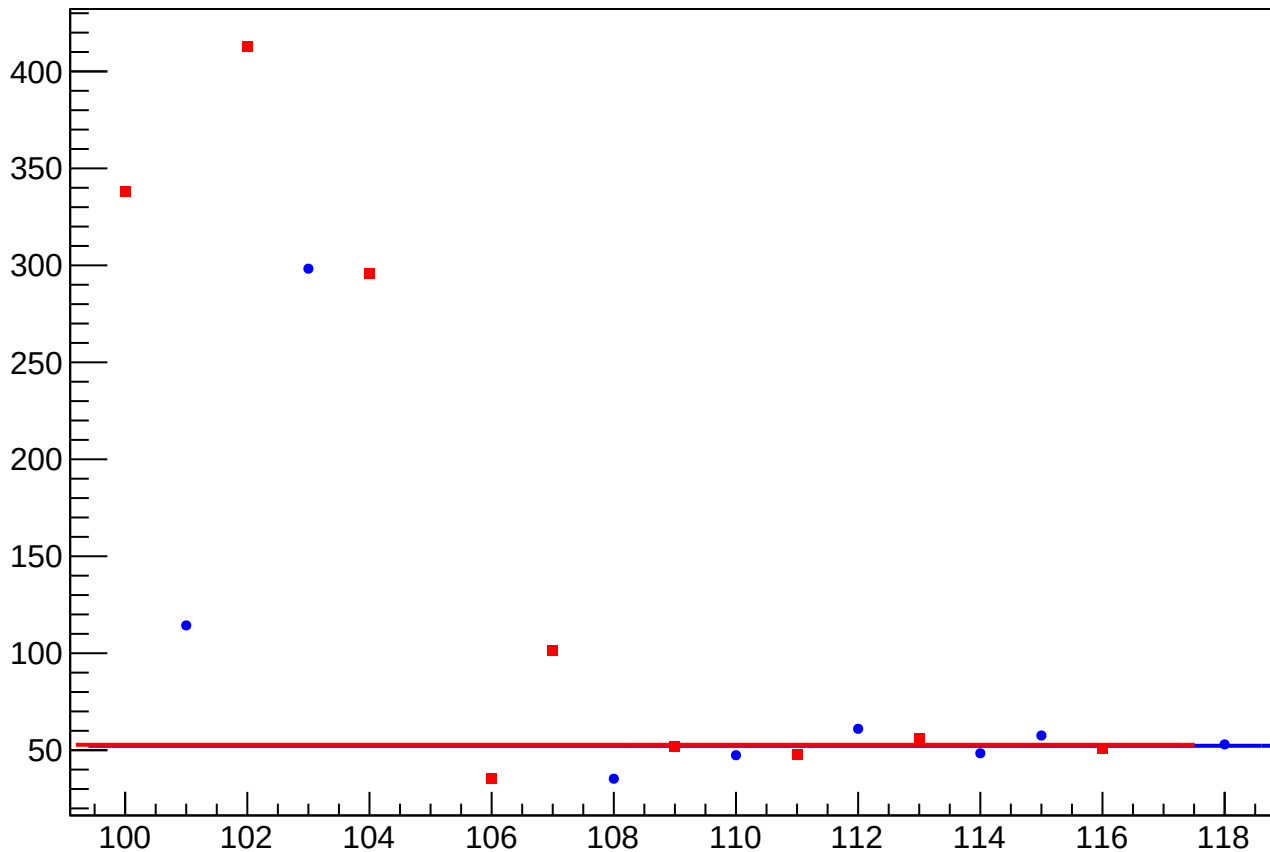
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.025 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 52.806+/-0.026 χ^2/NDF : 1566607.2/8

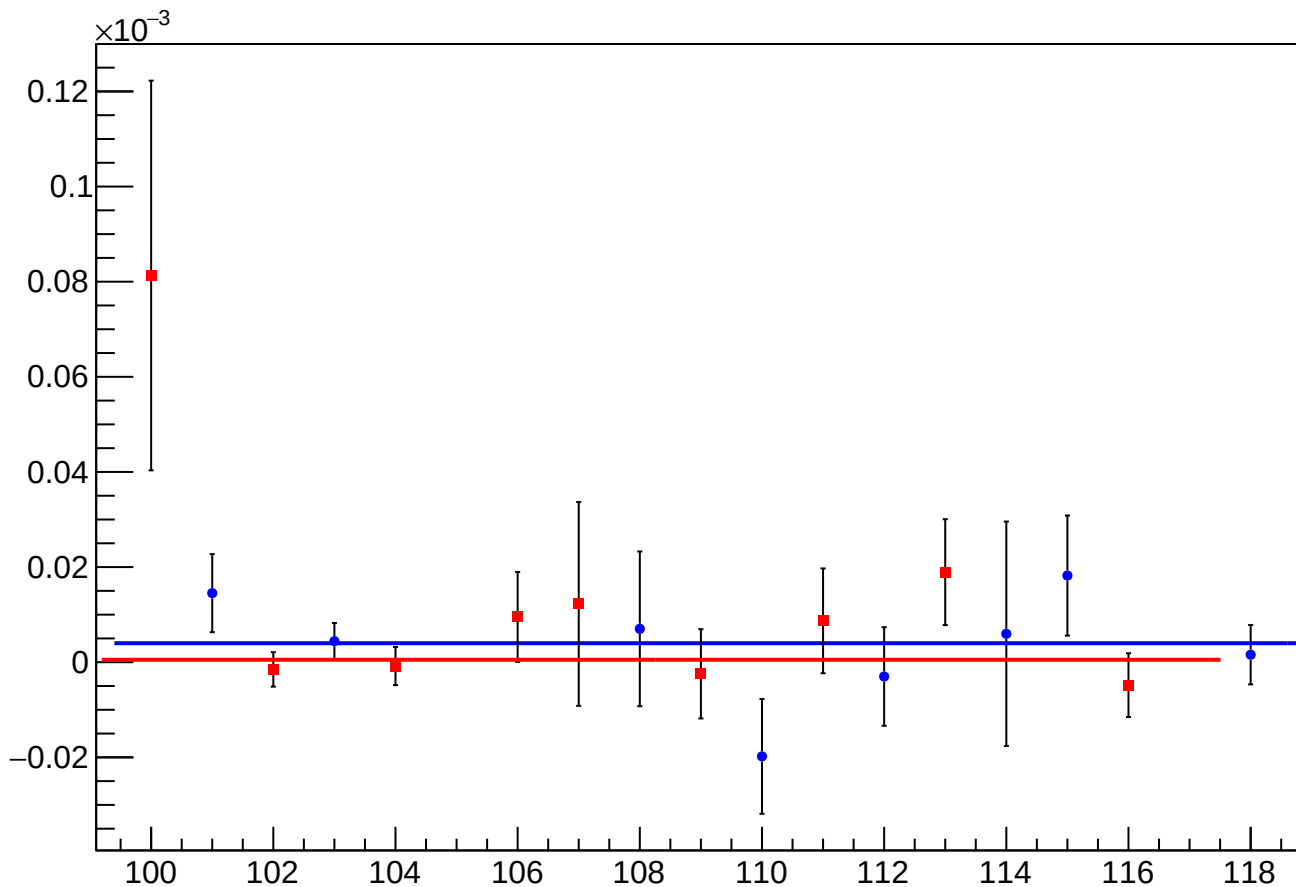
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.523+/-0.018 χ^2/NDF : 2888687.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 9.5/8

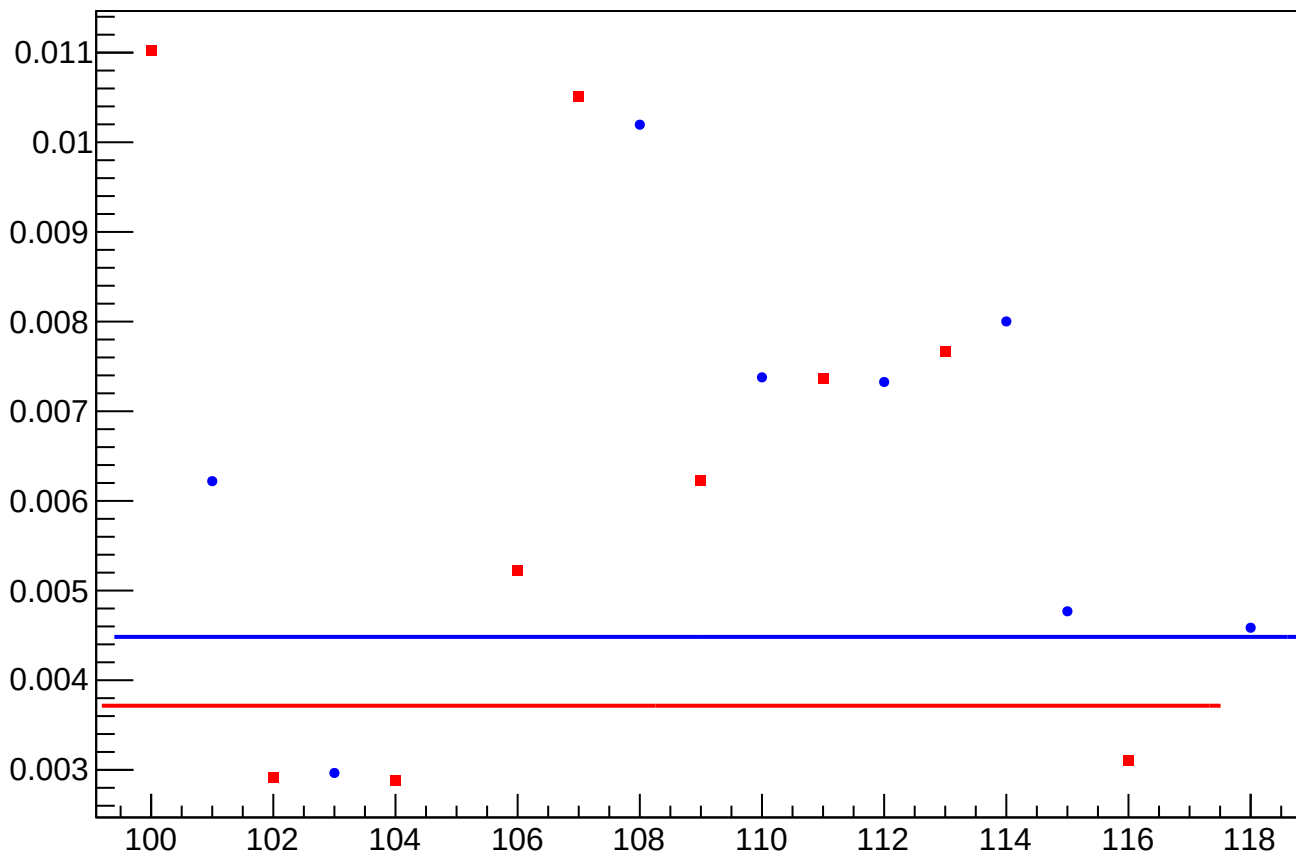
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 18.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1130146.7/8

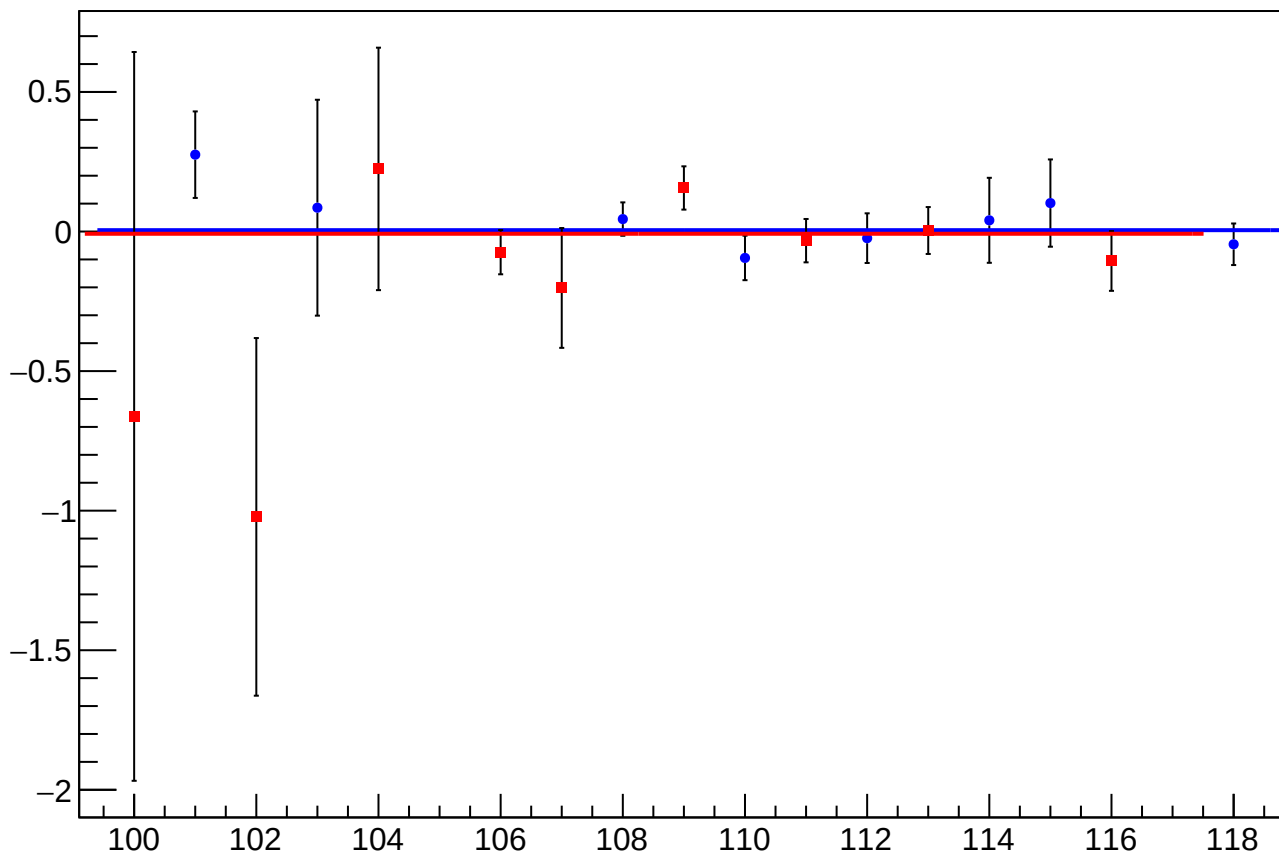
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2190779.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.034 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.037 χ^2 /NDF: 10.0/8

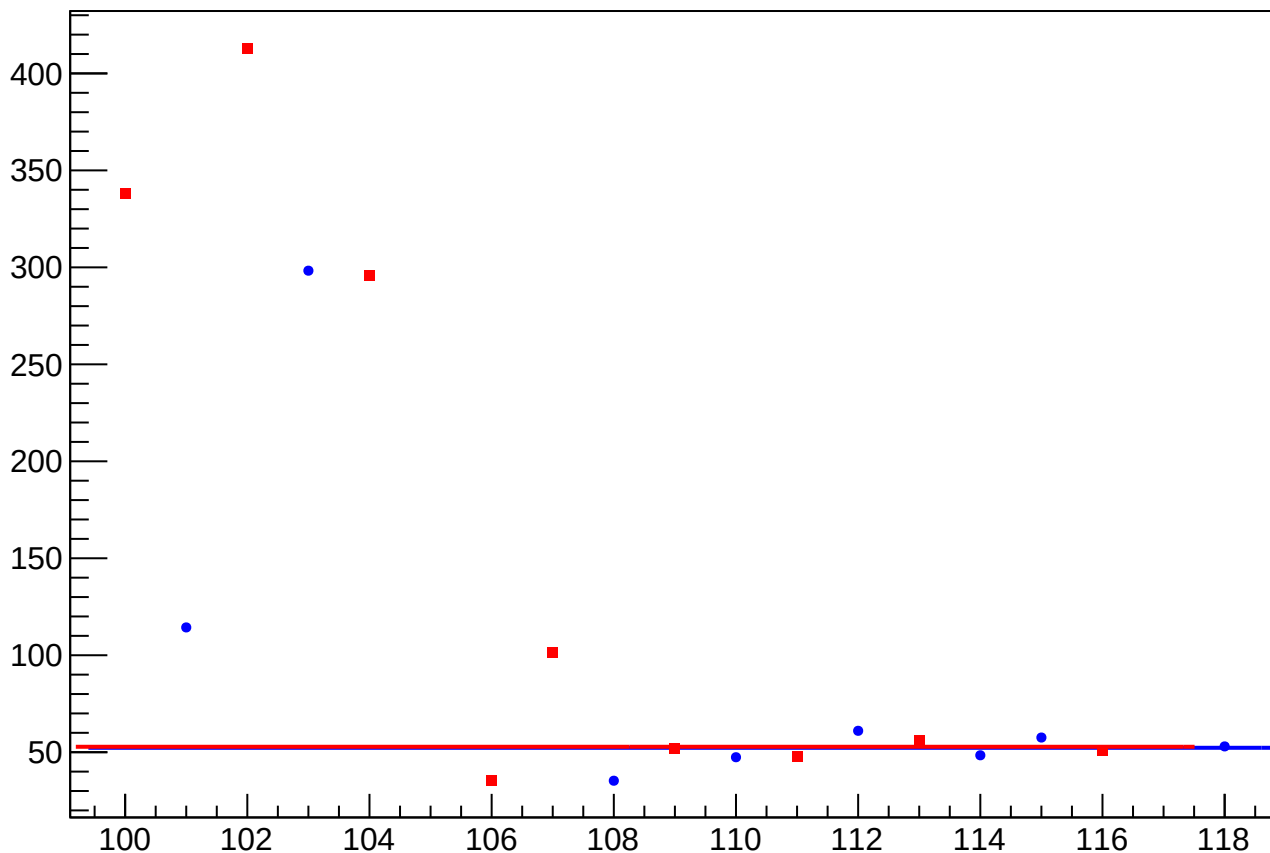
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.025 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 52.807+/-0.026 χ^2/NDF : 1566590.1/8

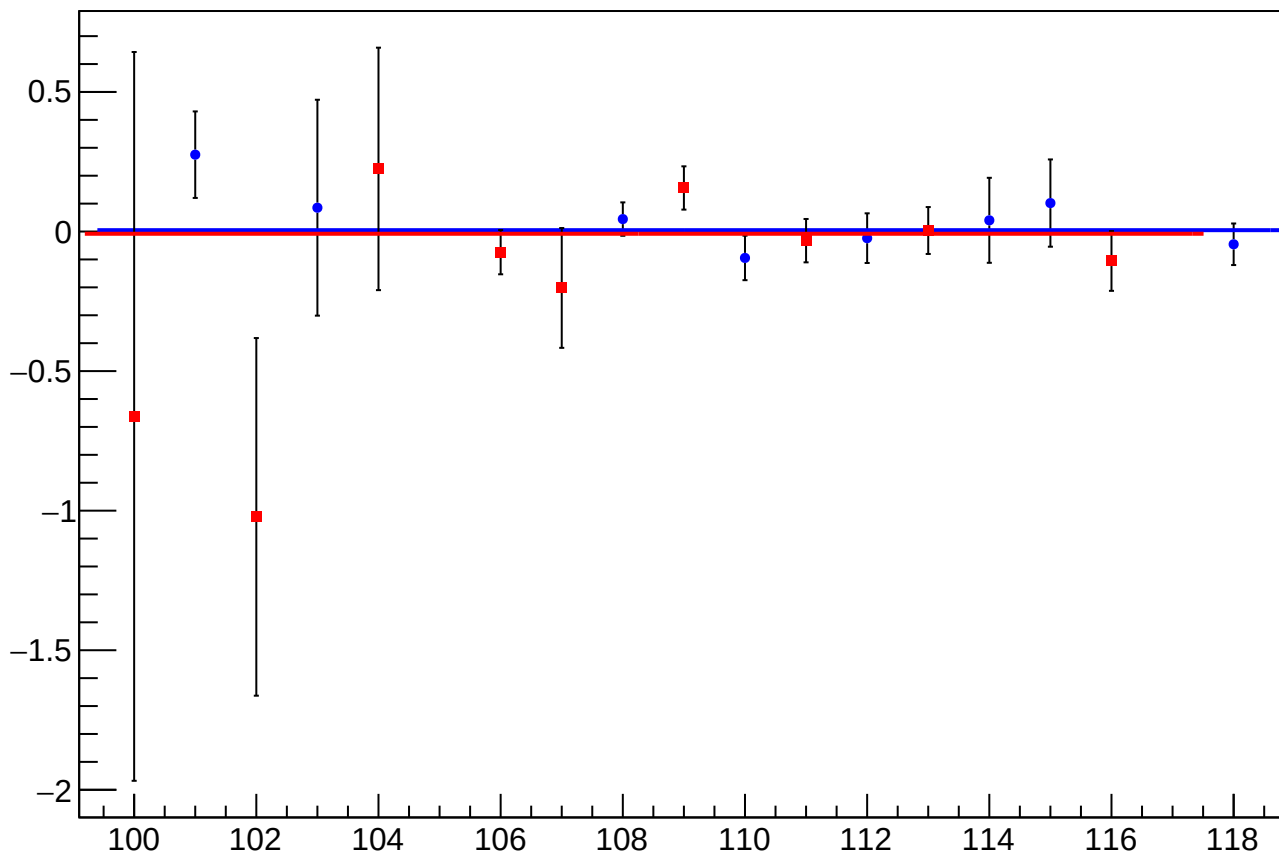
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.525+/-0.018 χ^2/NDF : 2888593.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.008+/-0.037 χ^2/NDF : 10.0/8

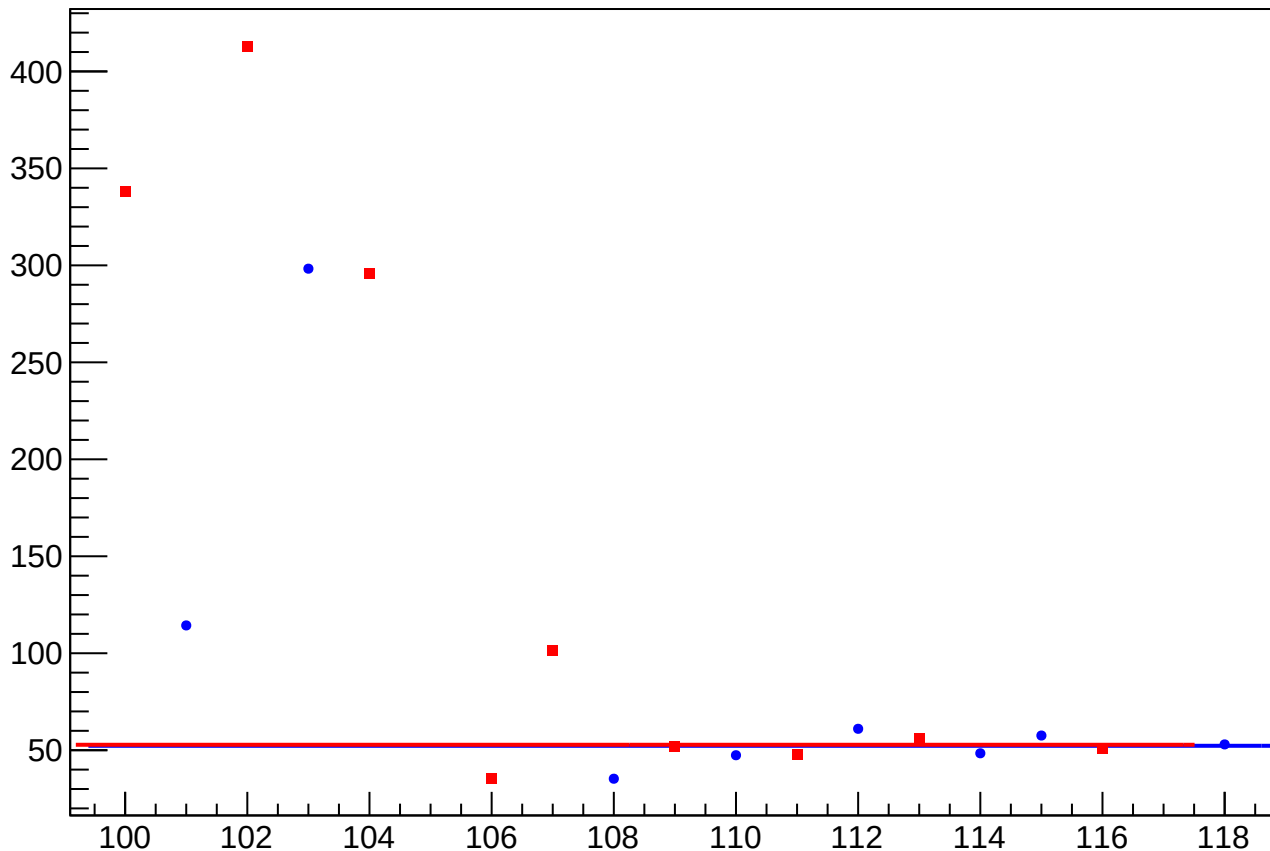
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.025 χ^2/NDF : 16.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 52.807+/-0.026 χ^2/NDF : 1566590.1/8

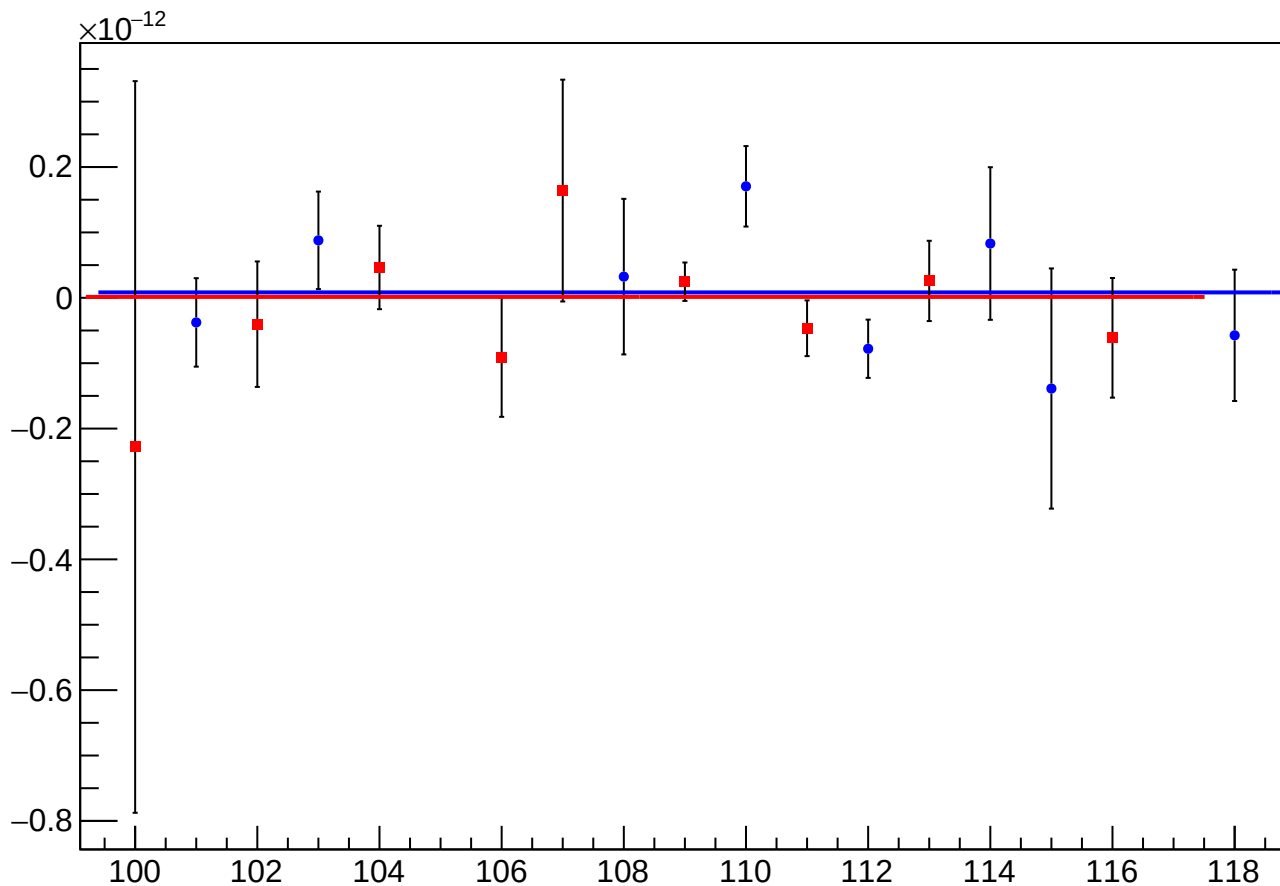
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.525+/-0.018 χ^2/NDF : 2888593.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/8

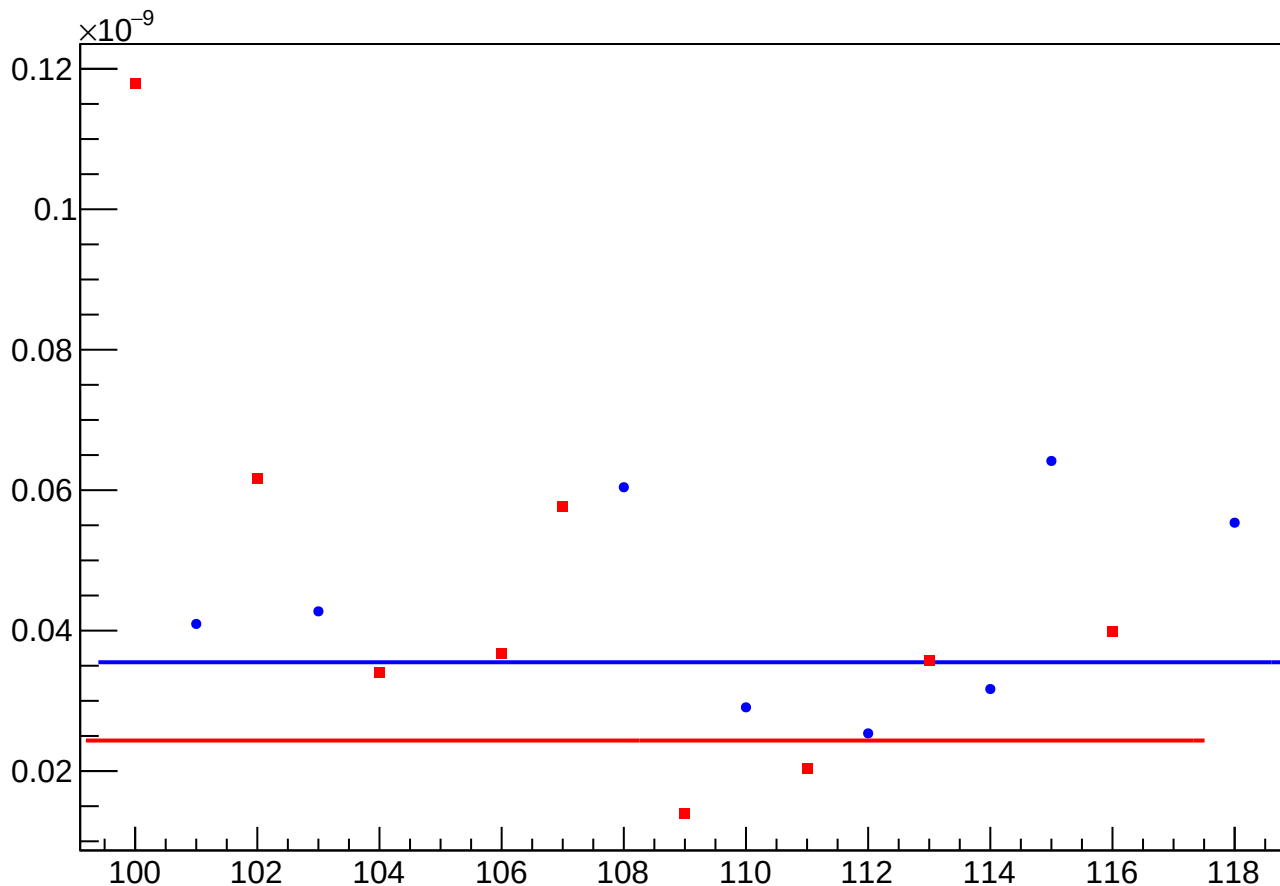
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 912289.6/8

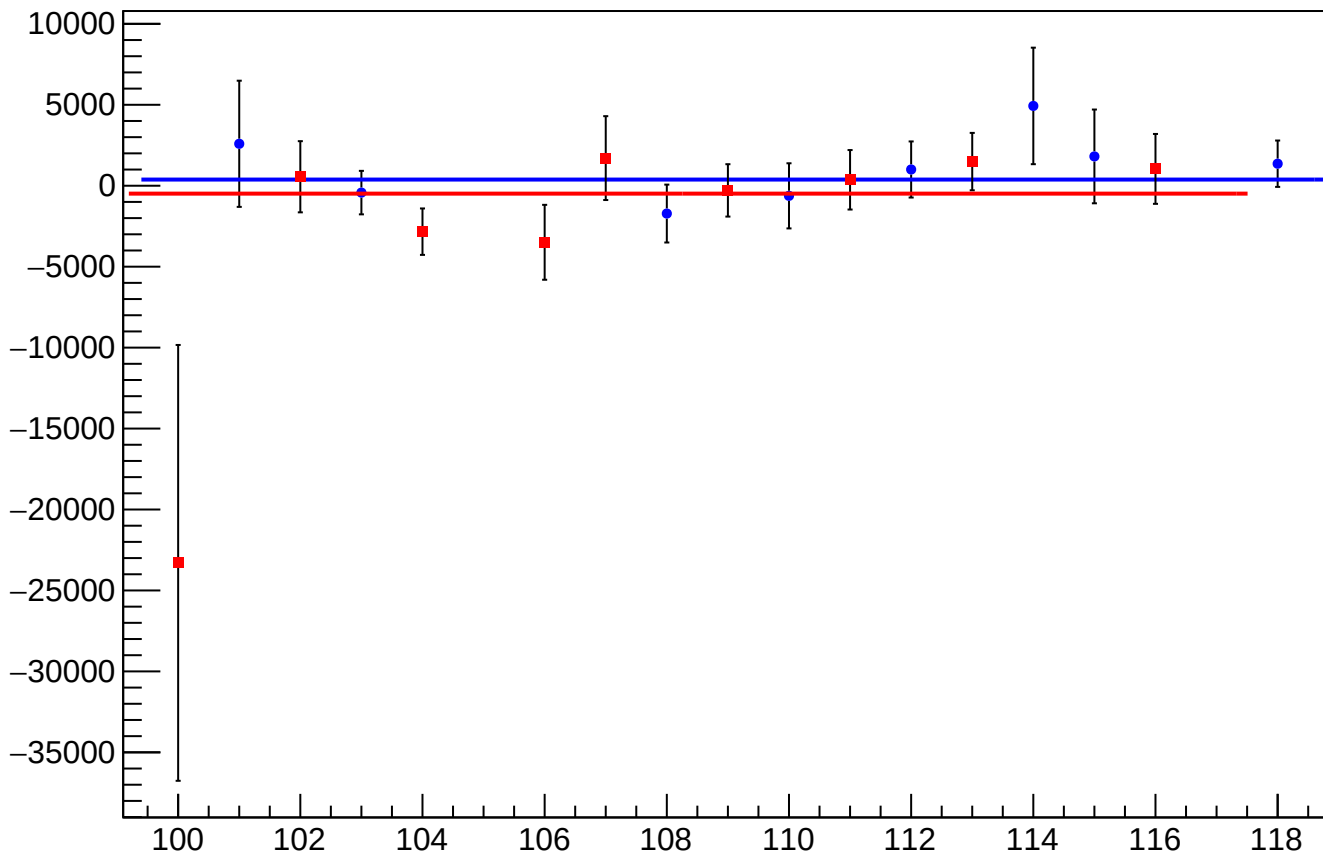
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1516625.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



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: -487.784+/-667.301 χ^2 /NDF: 10.2/8

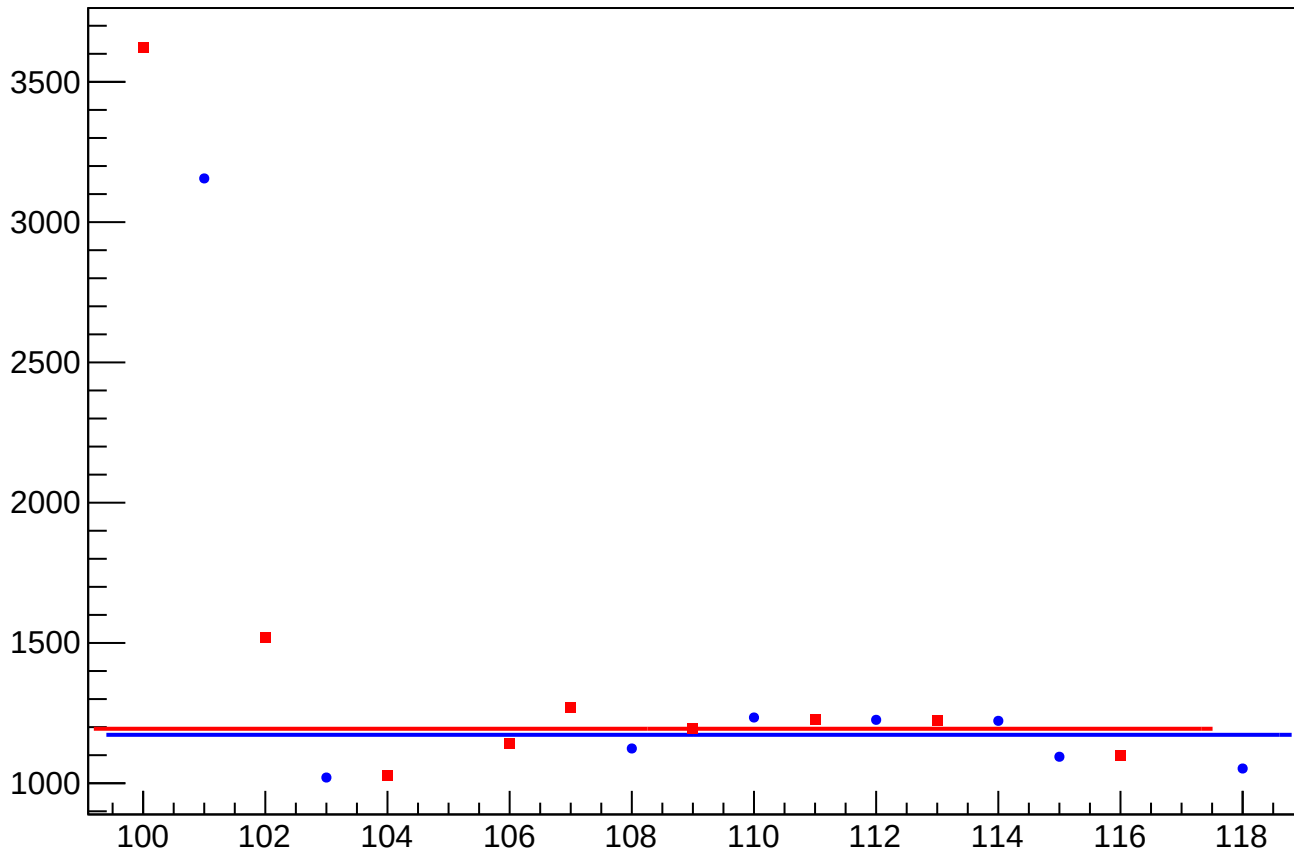
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -57.982+/-474.432 χ^2 /NDF: 15.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



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: 1194.195+/-0.472 χ^2/NDF : 144253.2/8

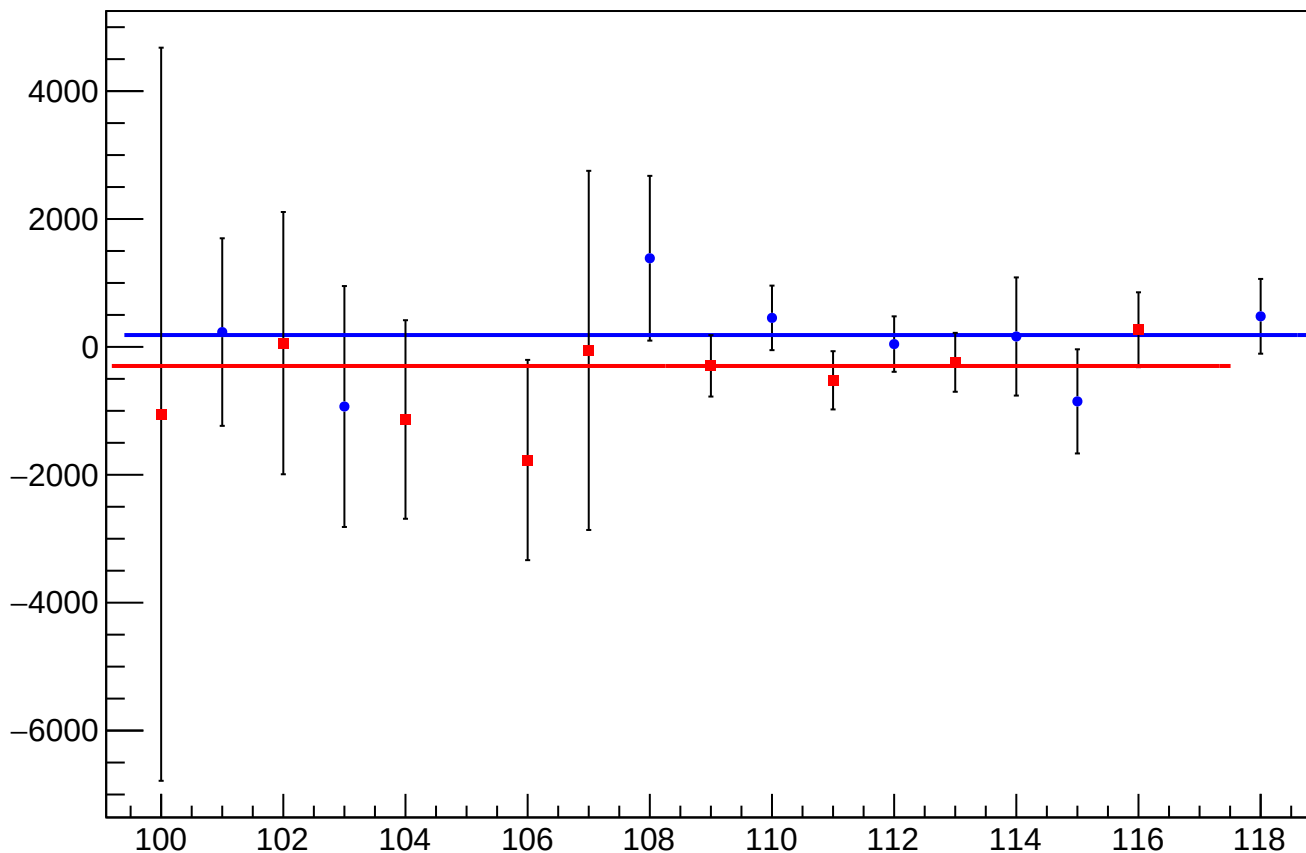
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.512+/-0.335 χ^2/NDF : 710123.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



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: -298.453 $\pm$ 235.647 χ^2 /NDF: 2.4/8

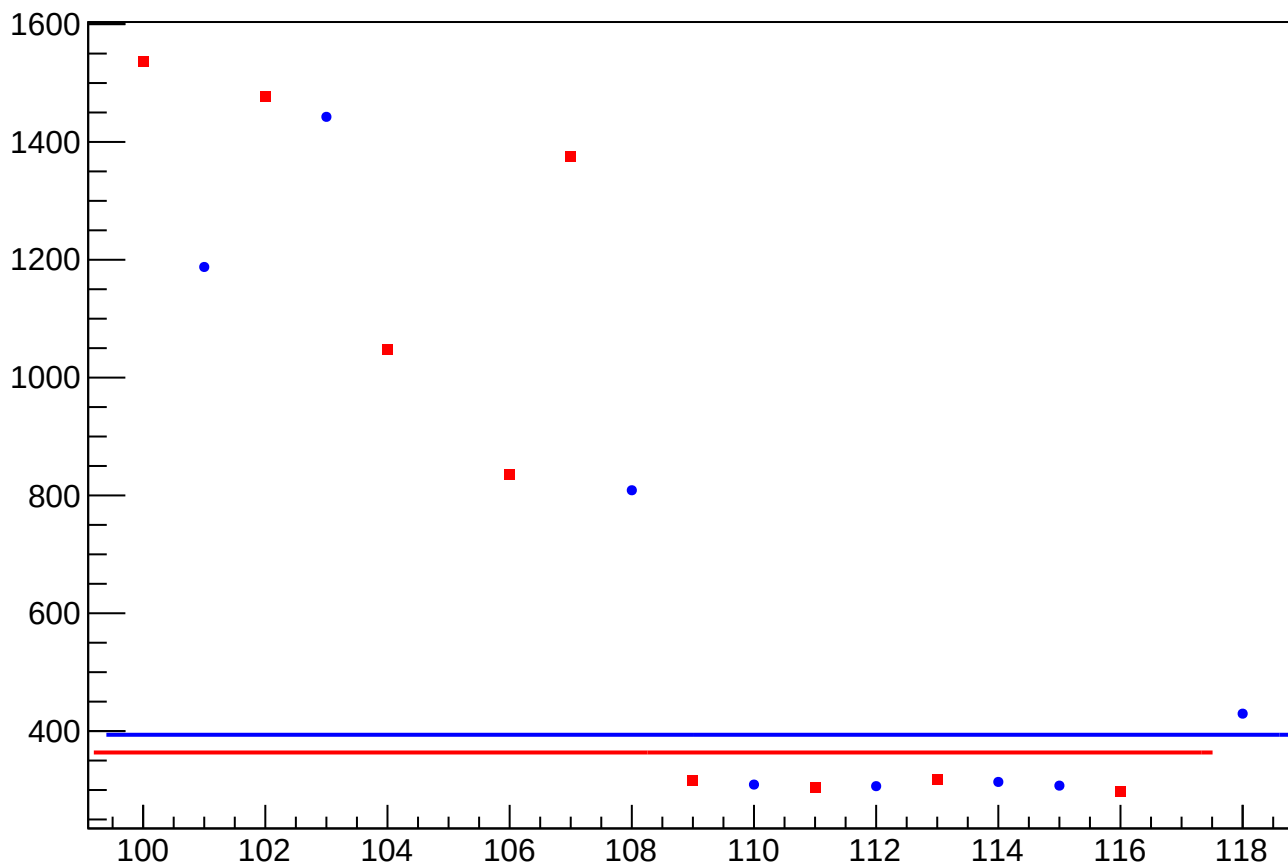
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.310 $\pm$ 170.974 χ^2 /NDF: 7.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



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: 363.677+/-0.167 χ^2/NDF : 1604188.7/8

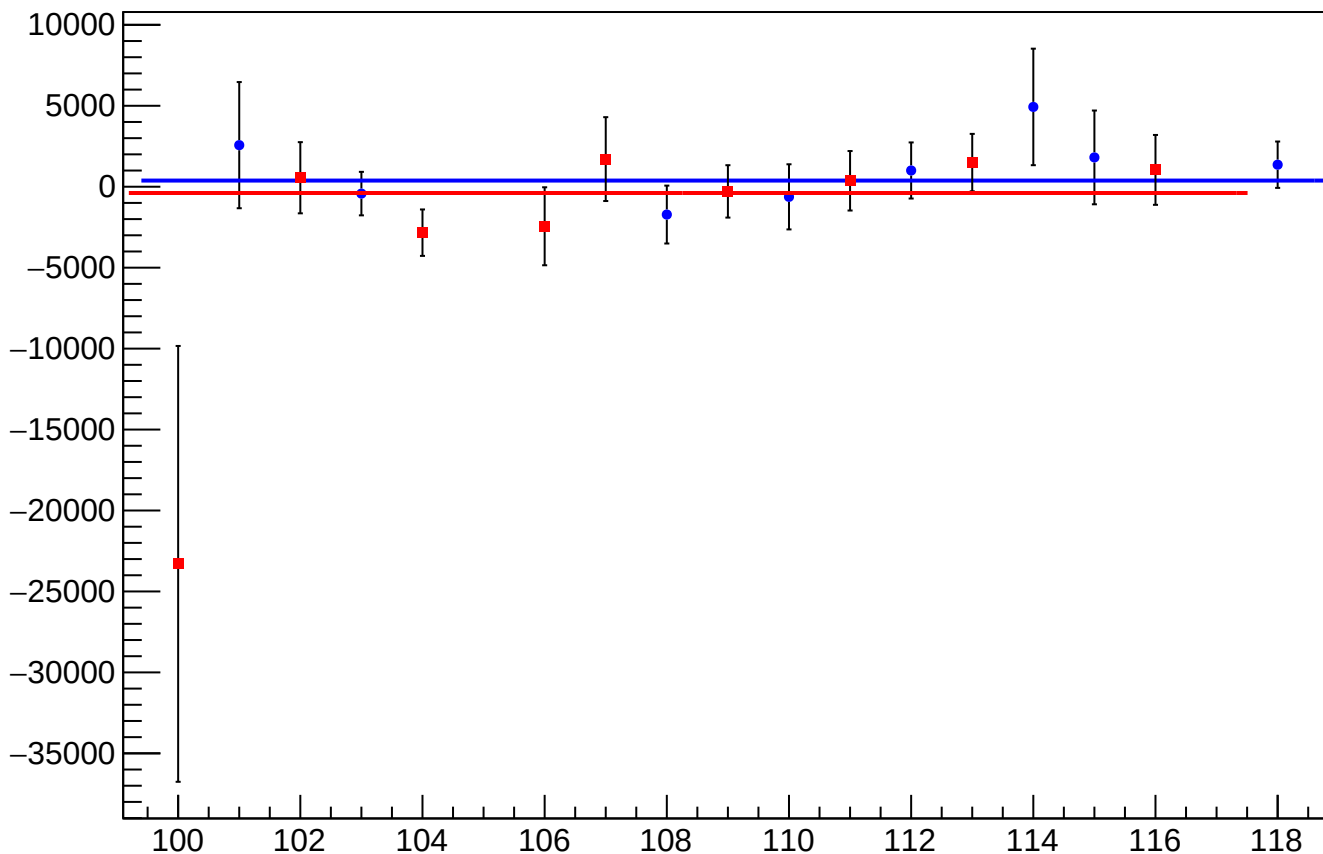
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.917+/-0.121 χ^2/NDF : 3215457.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 380.562 $\pm$ 674.655 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -387.184 $\pm$ 669.452 χ^2 /NDF: 9.1/8

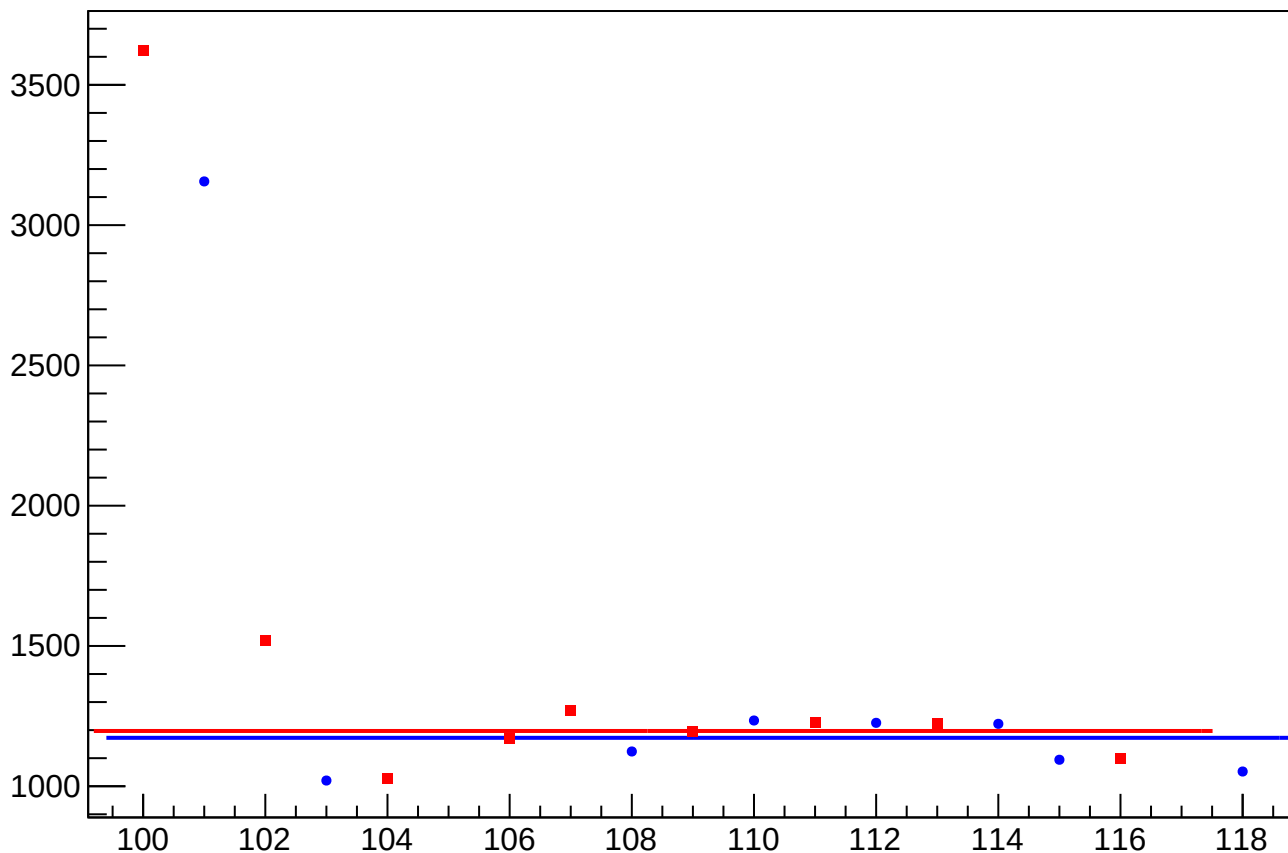
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.283 $\pm$ 475.203 χ^2 /NDF: 14.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1172.592 $\pm$ 0.477 χ^2 /NDF: 564834.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1196.964 $\pm$ 0.473 χ^2 /NDF: 143311.6/8

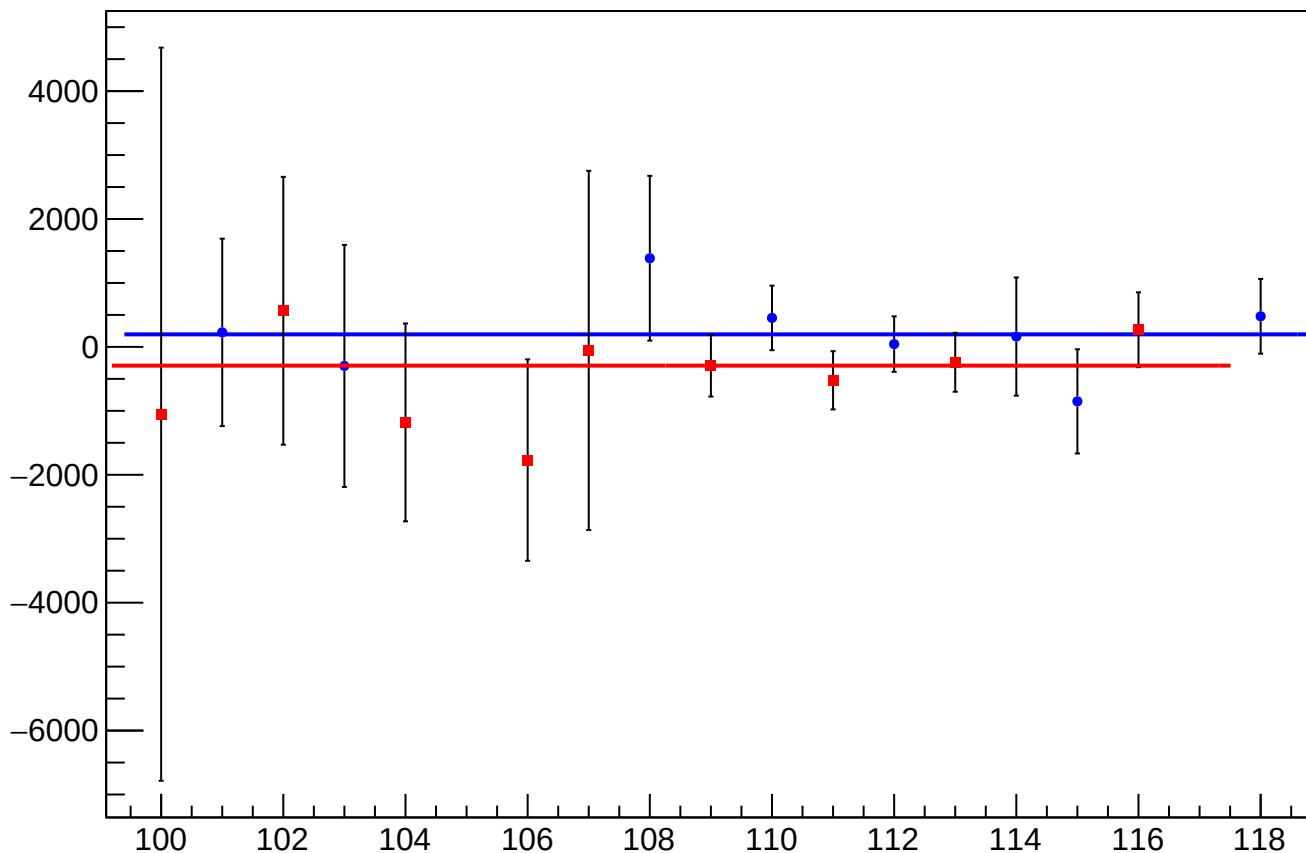
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1184.873 $\pm$ 0.336 χ^2 /NDF: 709461.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 196.111 $\pm$ 248.460 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -293.035 $\pm$ 235.731 χ^2 /NDF: 2.6/8

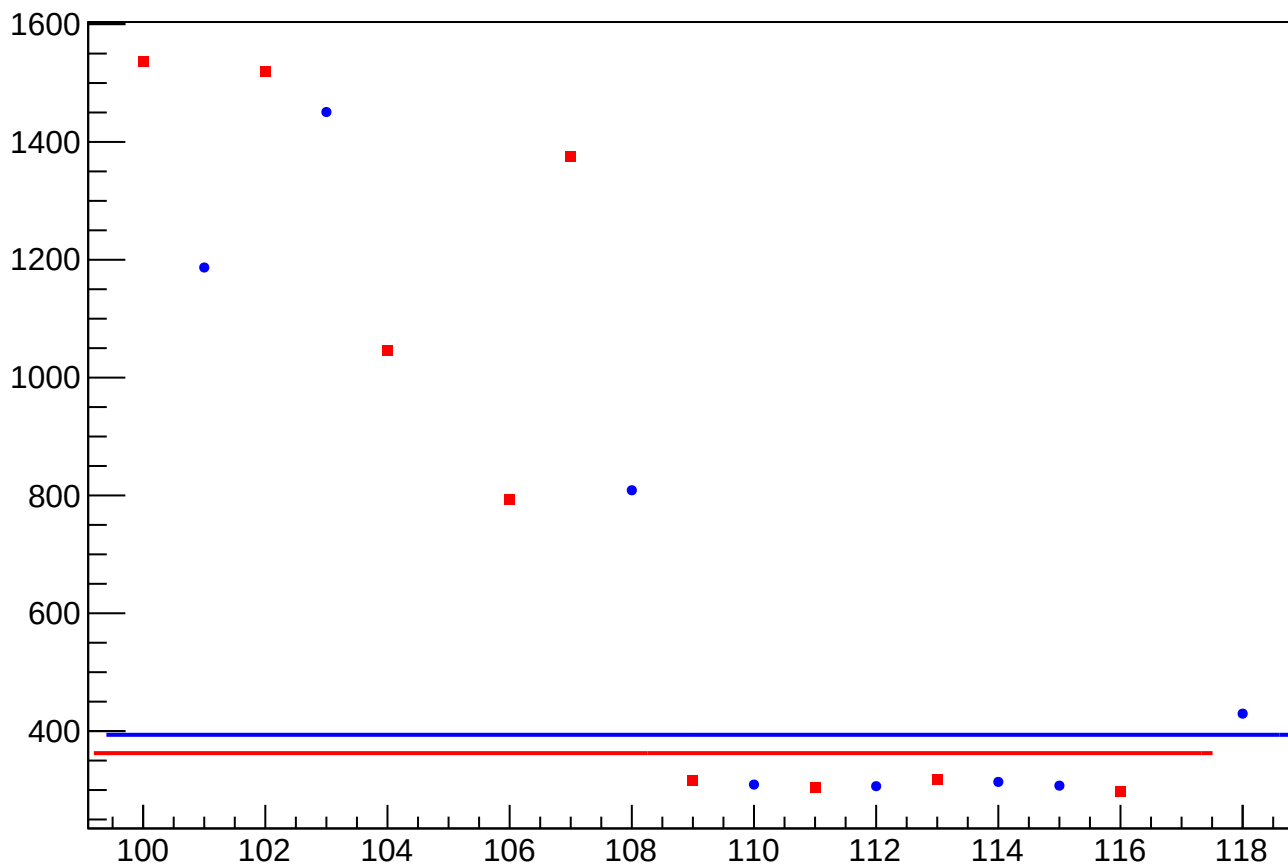
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.312 $\pm$ 171.010 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug



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: 362.609+/-0.167 χ^2/NDF : 1590516.3/8

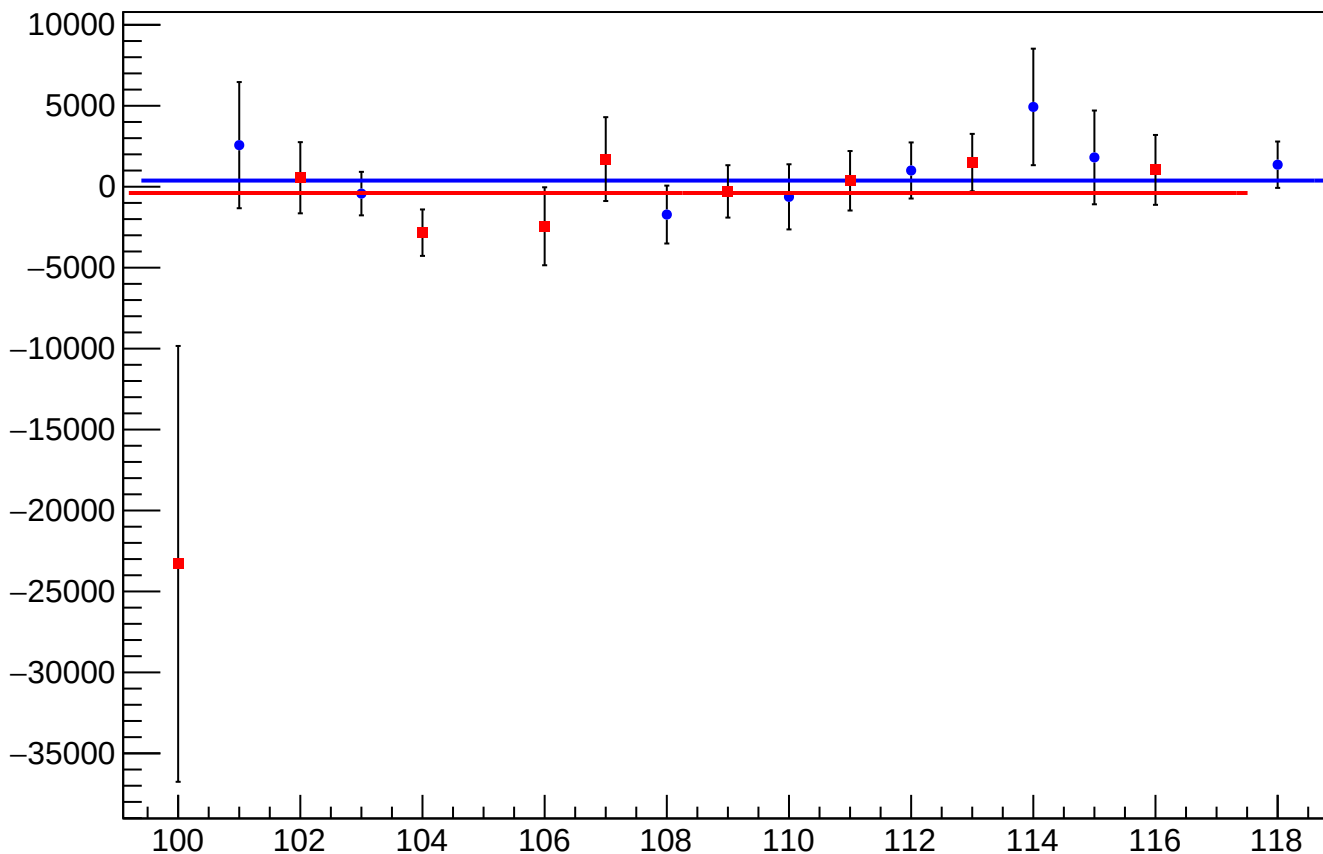
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.352+/-0.121 χ^2/NDF : 3206544.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 380.562 $\pm$ 674.655 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -387.184 $\pm$ 669.452 χ^2 /NDF: 9.1/8

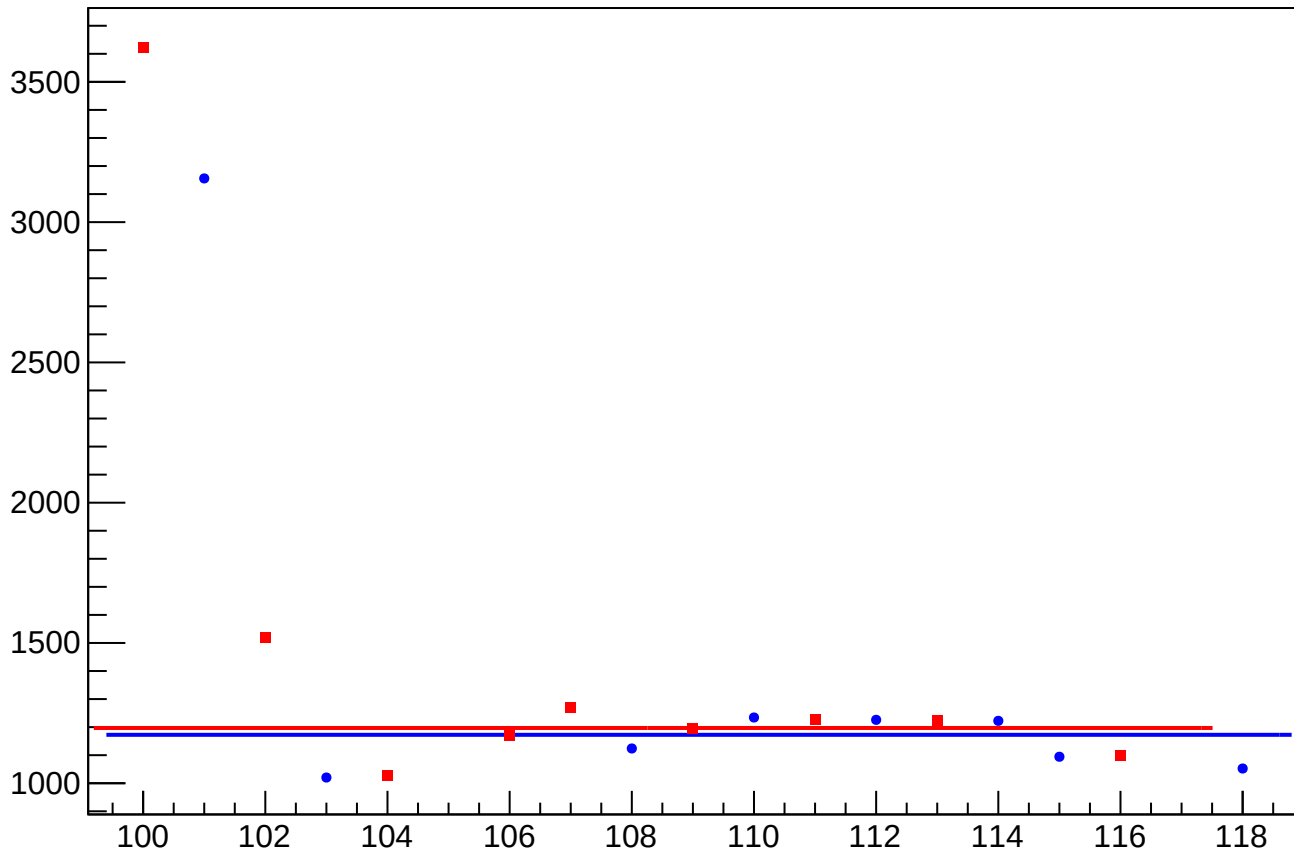
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.283 $\pm$ 475.203 χ^2 /NDF: 14.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1172.592 $\pm$ 0.477 χ^2 /NDF: 564834.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1196.964 $\pm$ 0.473 χ^2 /NDF: 143311.6/8

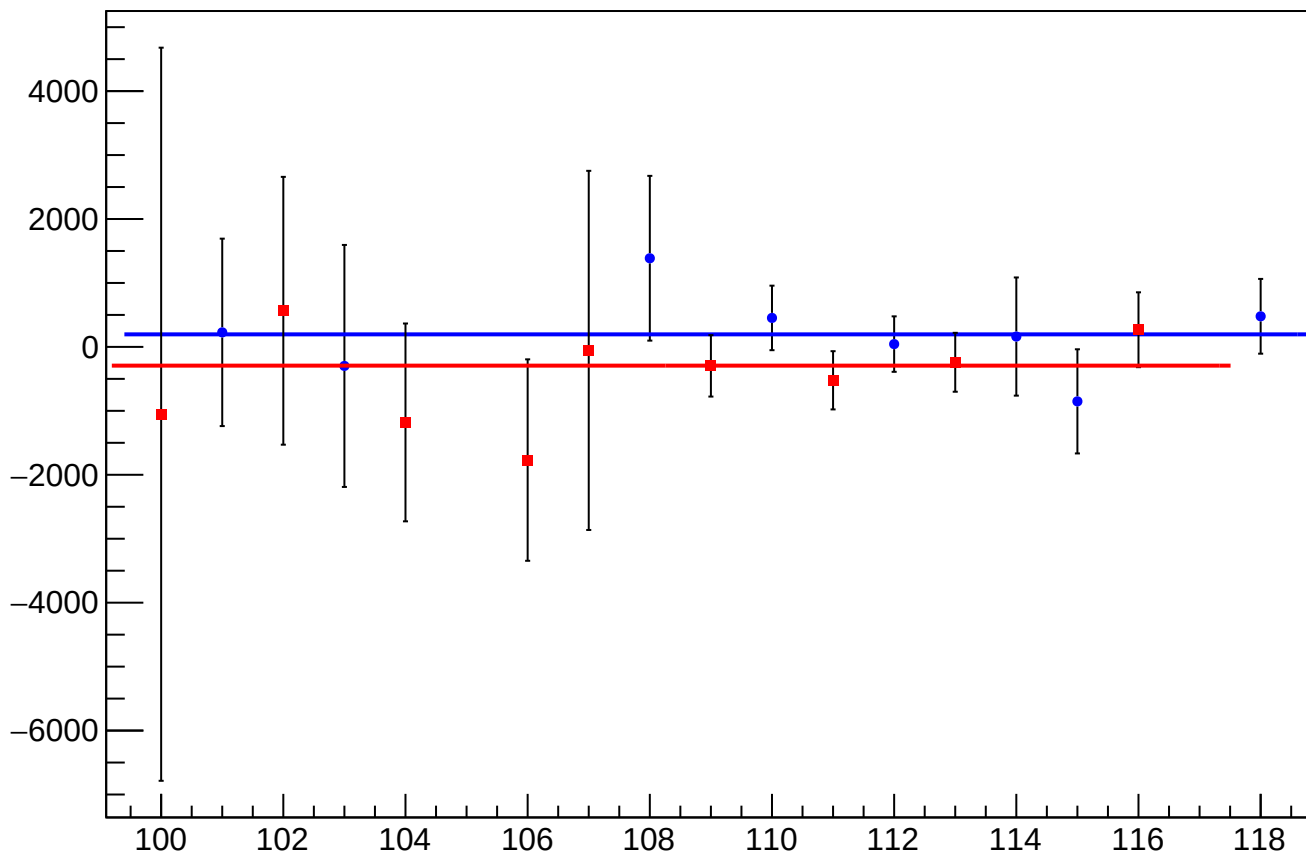
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1184.873 $\pm$ 0.336 χ^2 /NDF: 709461.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 196.111 $\pm$ 248.460 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -293.035 $\pm$ -235.731 χ^2 /NDF: 2.6/8

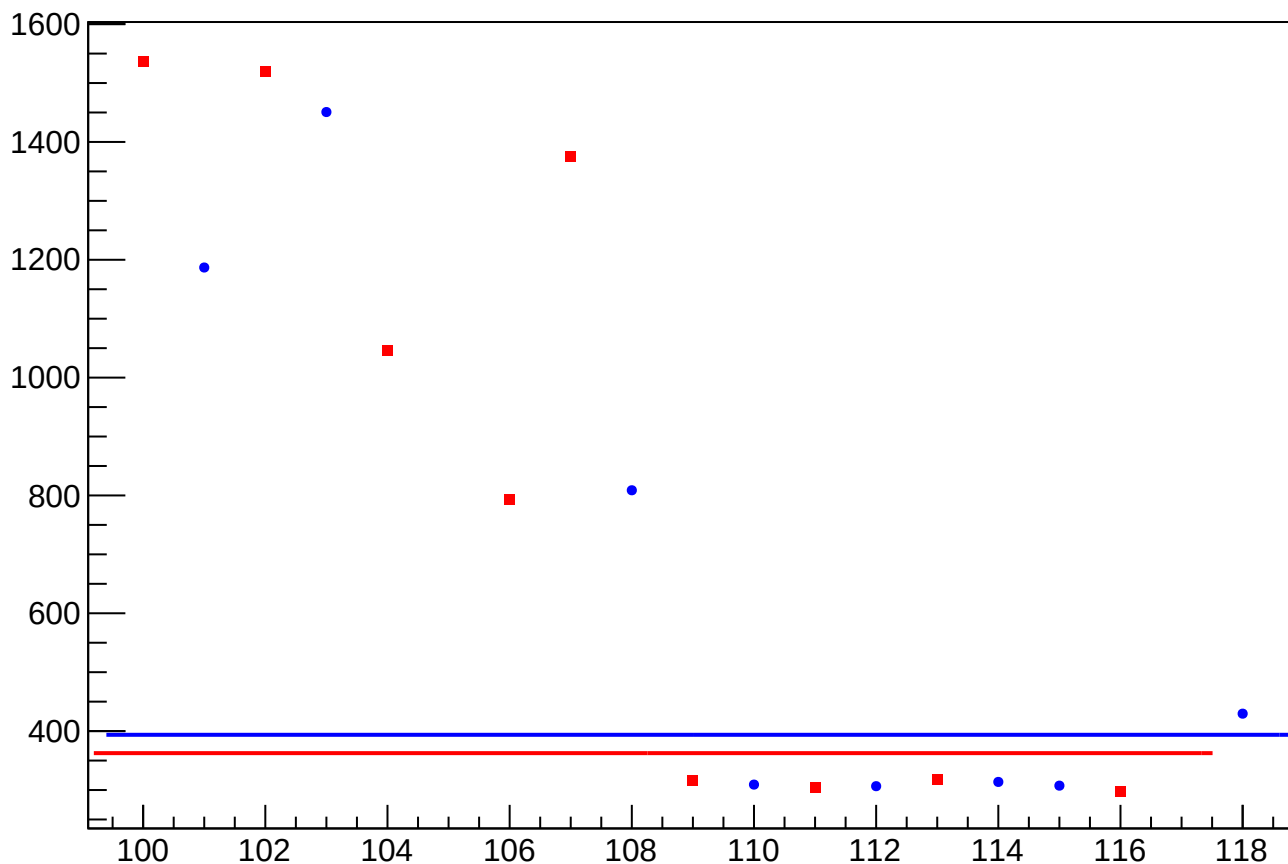
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -61.312 $\pm$ -171.010 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug



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: 362.609+/-0.167 χ^2/NDF : 1590516.3/8

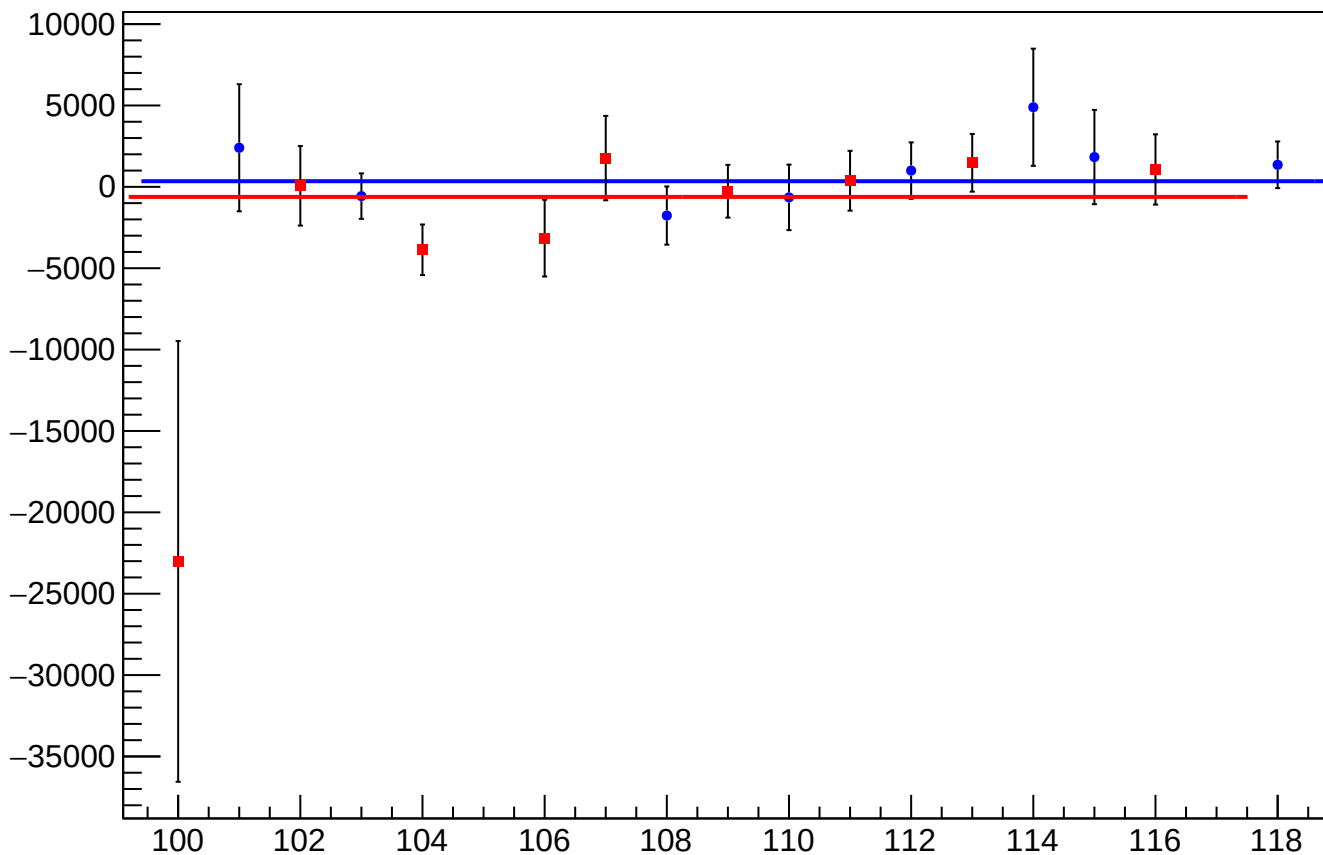
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 377.352+/-0.121 χ^2/NDF : 3206544.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 345.677 $\pm$ 681.499 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -617.259 $\pm$ -686.003 χ^2 /NDF: 11.5/8

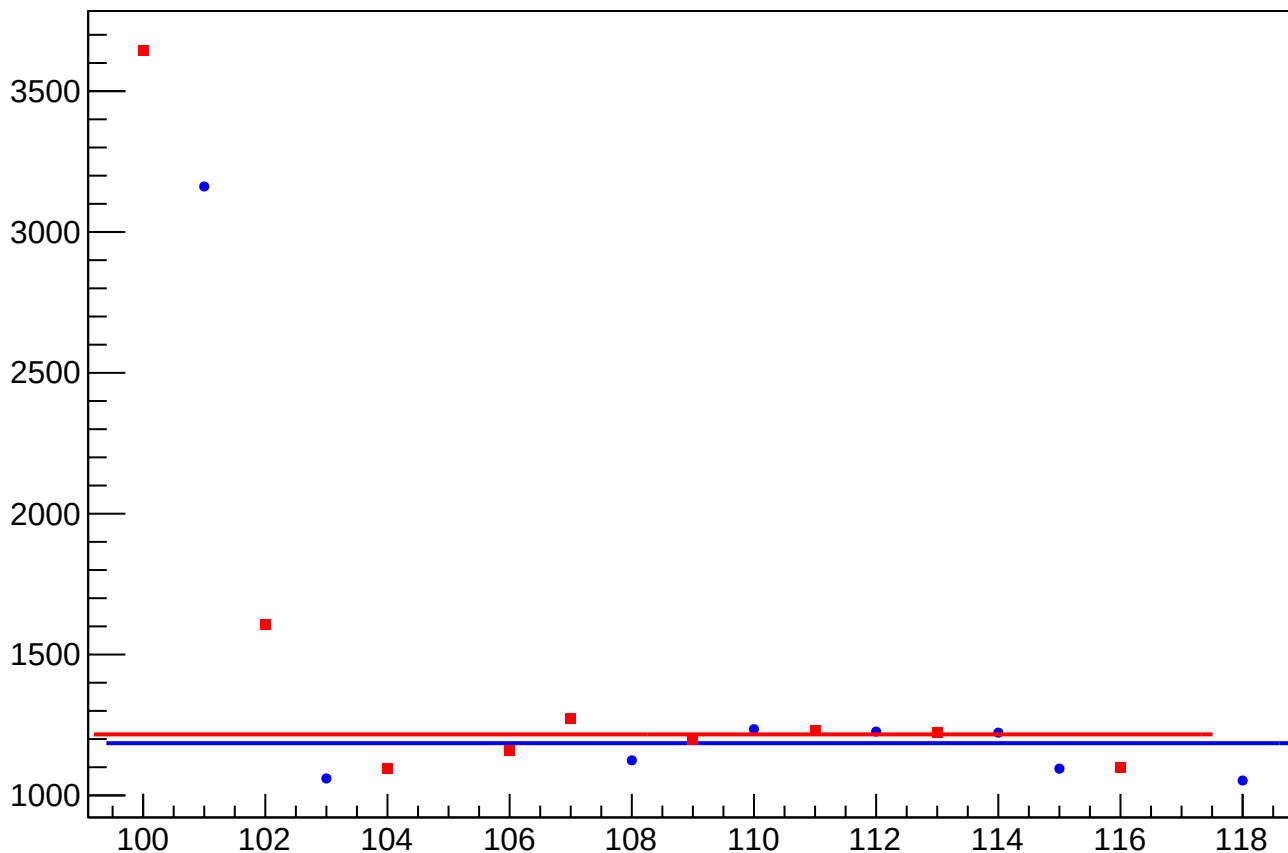
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: -132.620 $\pm$ -483.477 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1185.362 $\pm$ 0.482 χ^2 /NDF: 552431.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1216.566 $\pm$ 0.485 χ^2 /NDF: 135950.2/8

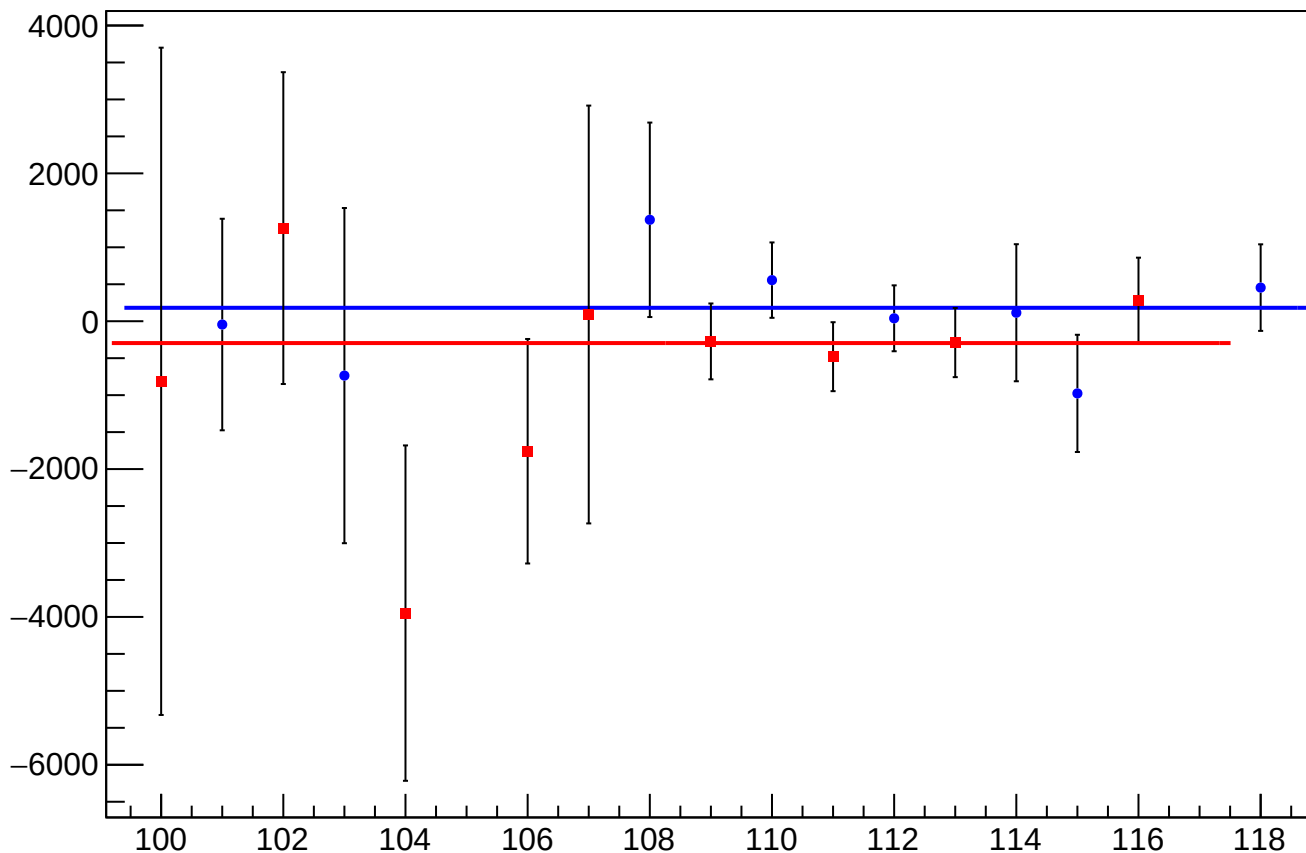
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1200.861 $\pm$ 0.342 χ^2 /NDF: 690464.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



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: -295.545+/-242.857 χ^2/NDF : 5.2/8

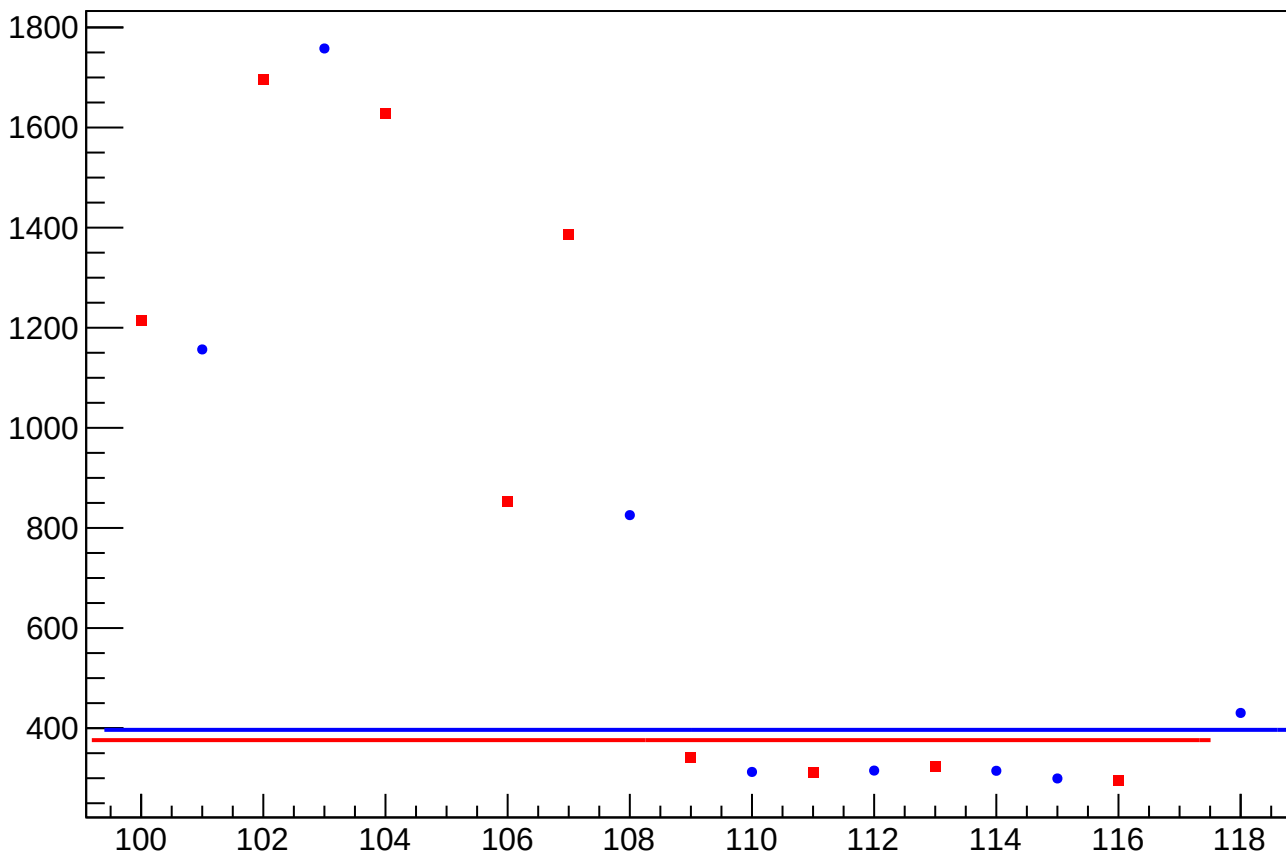
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.265+/-174.688 χ^2/NDF : 11.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 396.624 $\pm$ 0.178 χ^2 /NDF: 1671687.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 376.080 $\pm$ 0.172 χ^2 /NDF: 2024779.9/8

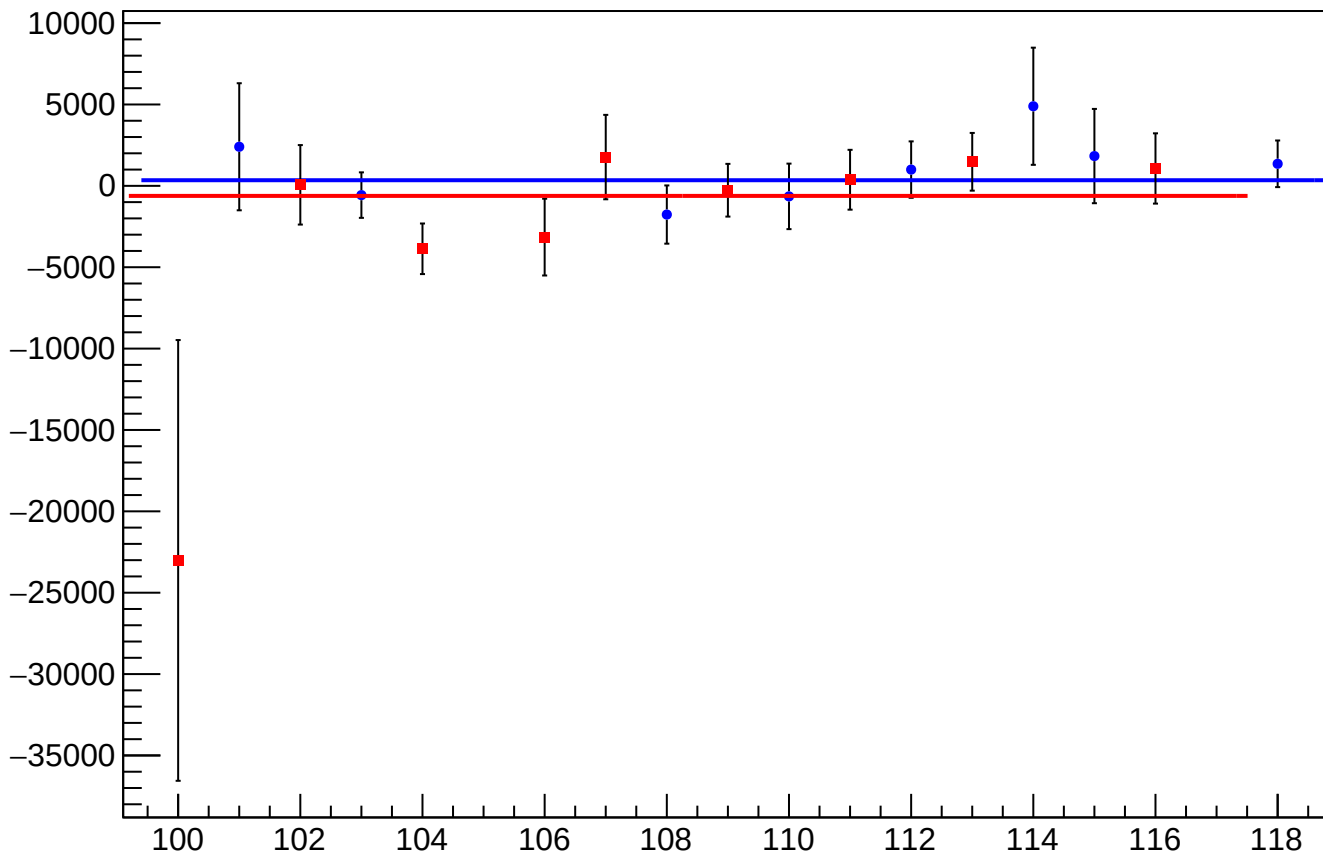
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 385.995 $\pm$ 0.124 χ^2 /NDF: 3703374.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 345.672 $\pm$ 681.499 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -617.257 $\pm$ 686.003 χ^2 /NDF: 11.5/8

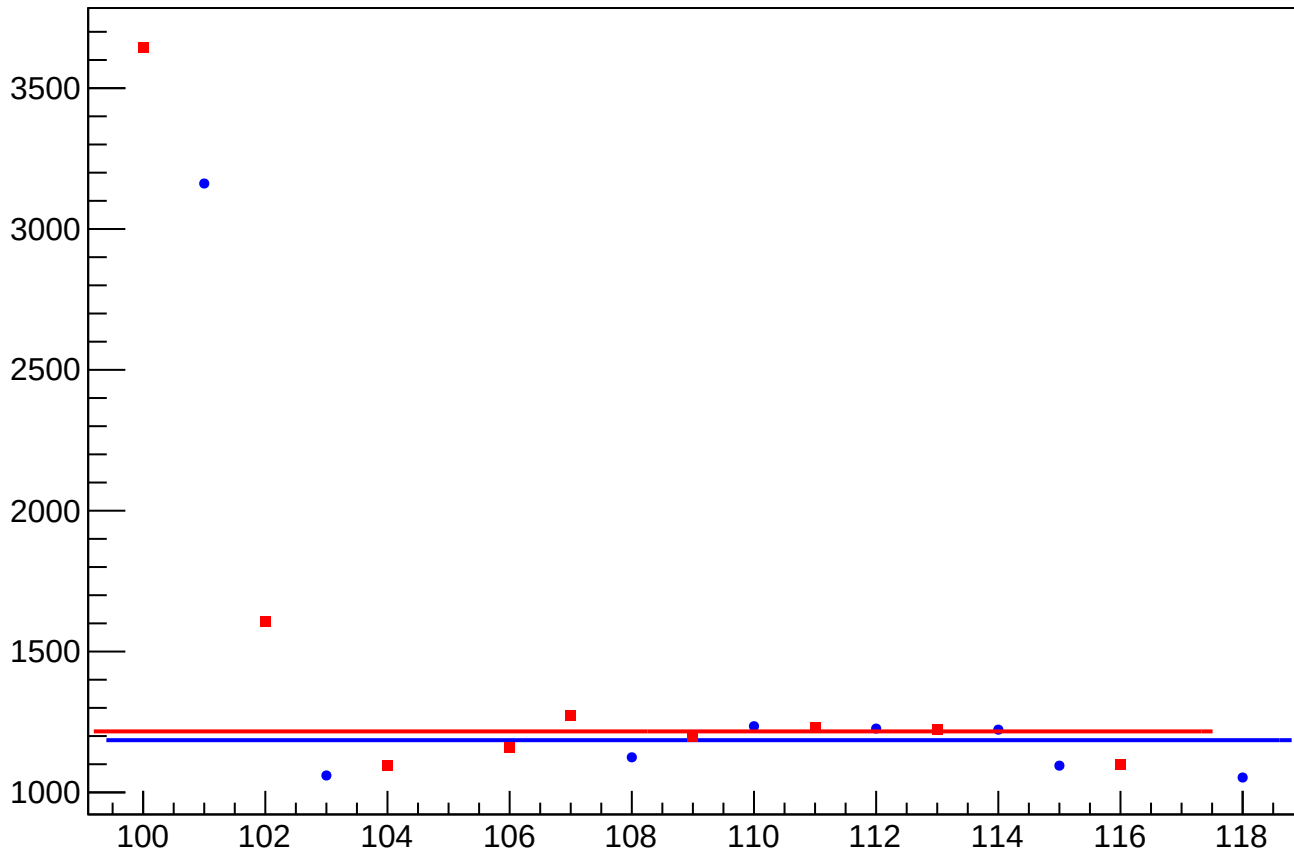
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -132.620 $\pm$ 483.477 χ^2 /NDF: 17.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1185.362 $\pm$ 0.482 χ^2/NDF : 552431.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1216.566 $\pm$ 0.485 χ^2/NDF : 135950.2/8

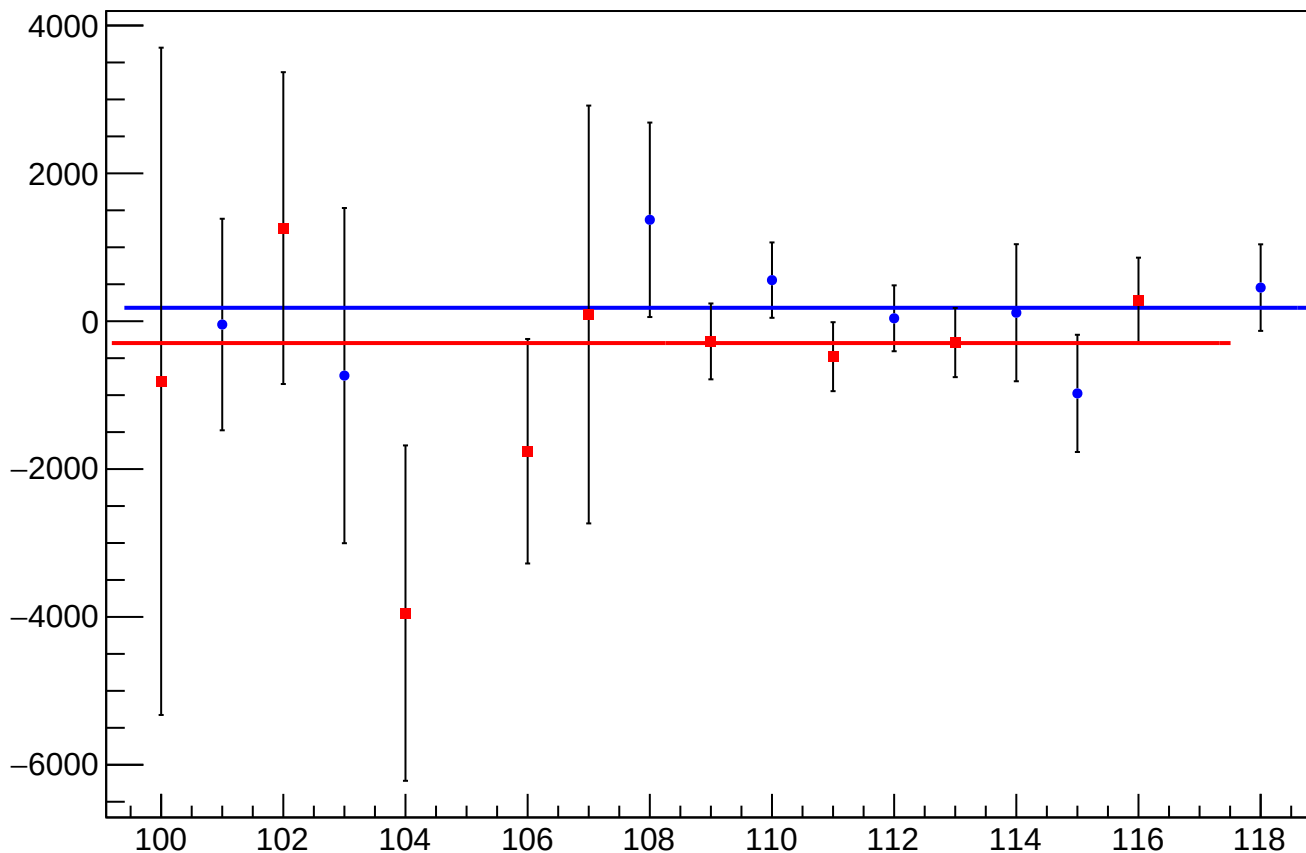
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1200.862 $\pm$ 0.342 χ^2/NDF : 690464.8/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 181.615 $\pm$ 251.460 χ^2 /NDF: 4.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -295.541 $\pm$ 242.855 χ^2 /NDF: 5.2/8

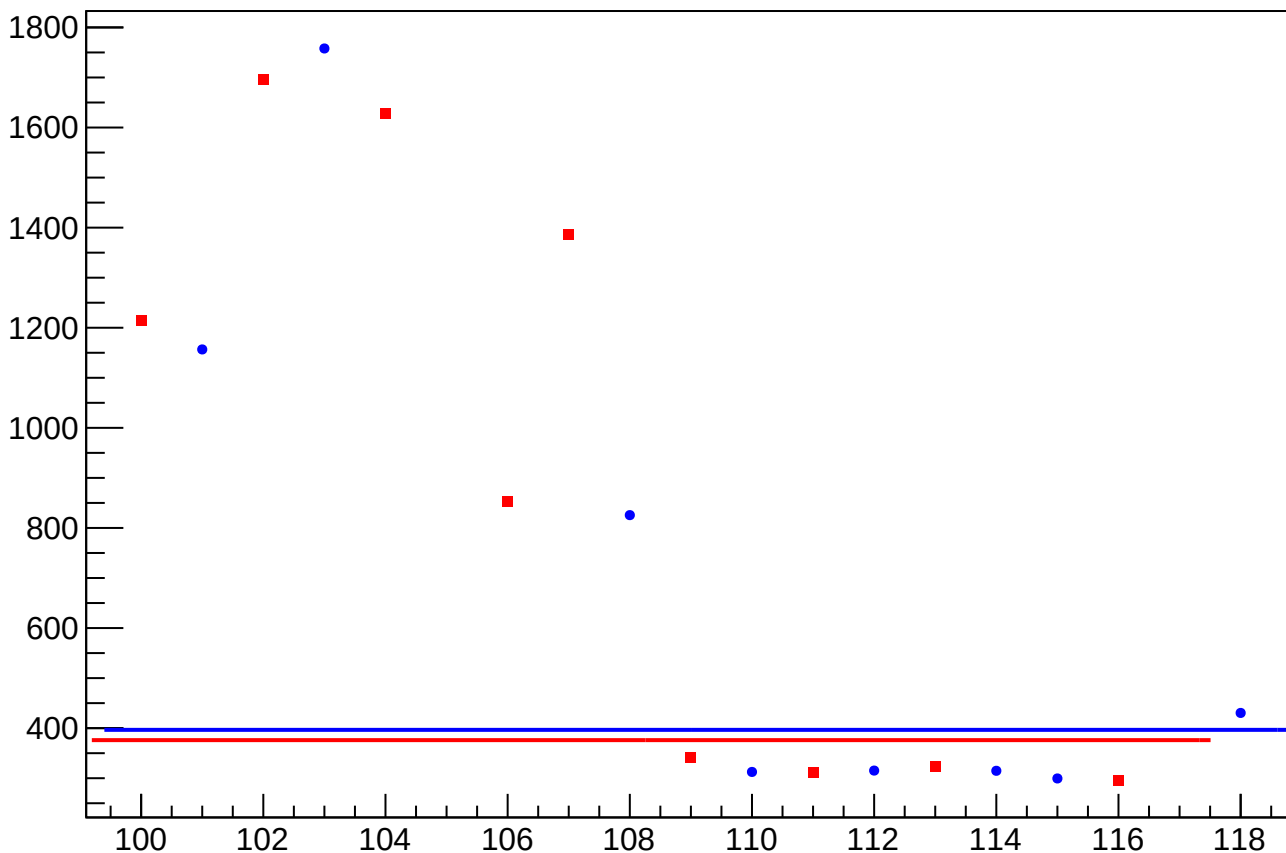
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.266 $\pm$ 174.687 χ^2 /NDF: 11.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 396.622 $\pm$ 0.178 χ^2 /NDF: 1671692.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 376.077 $\pm$ 0.172 χ^2 /NDF: 2024793.2/8

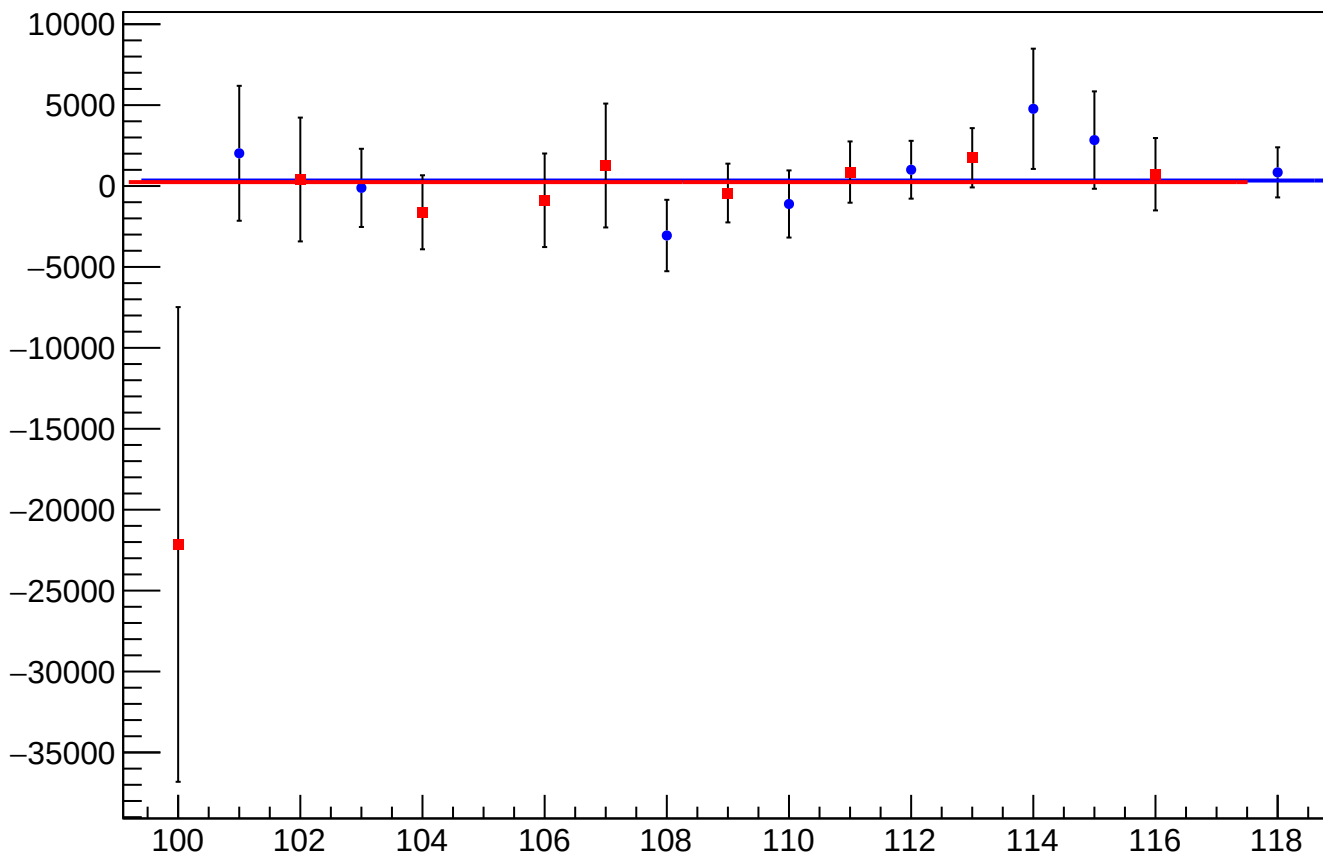
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 385.992 $\pm$ 0.124 χ^2 /NDF: 3703393.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



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: 242.178+/-807.824 χ^2/NDF : 4.2/8

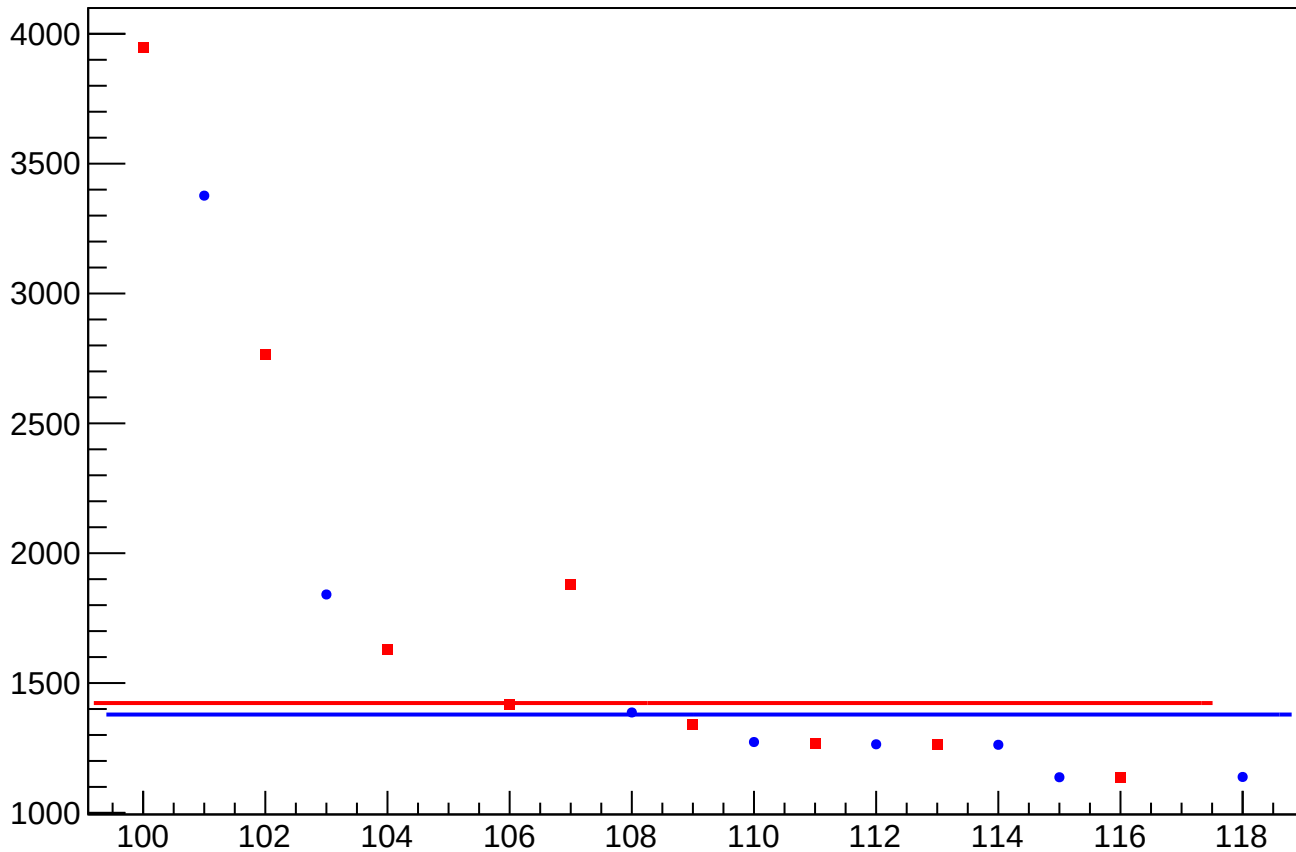
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.963+/-566.833 χ^2/NDF : 9.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



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: 1422.954+/-0.571 χ^2/NDF : 415059.3/8

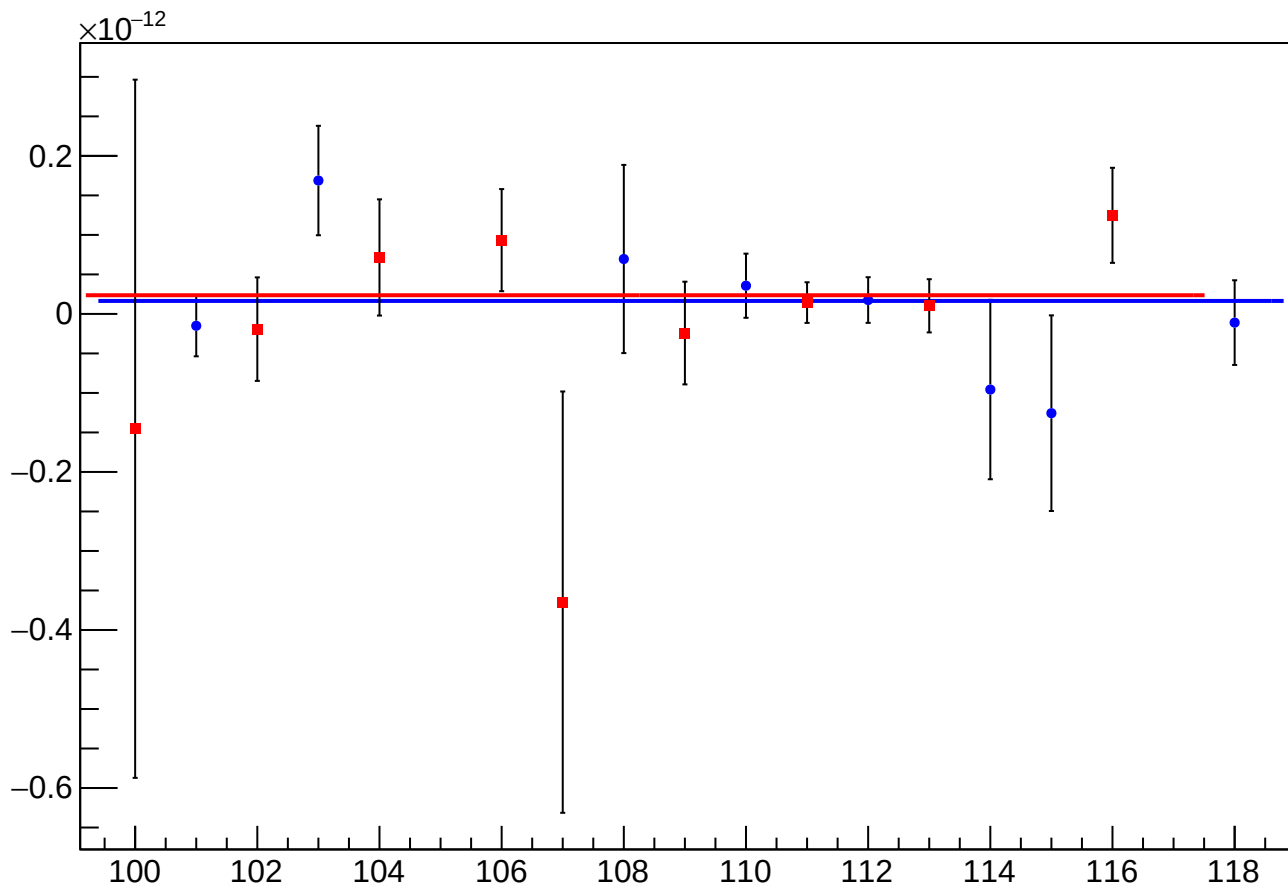
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1400.489+/-0.401 χ^2/NDF : 1027300.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/8

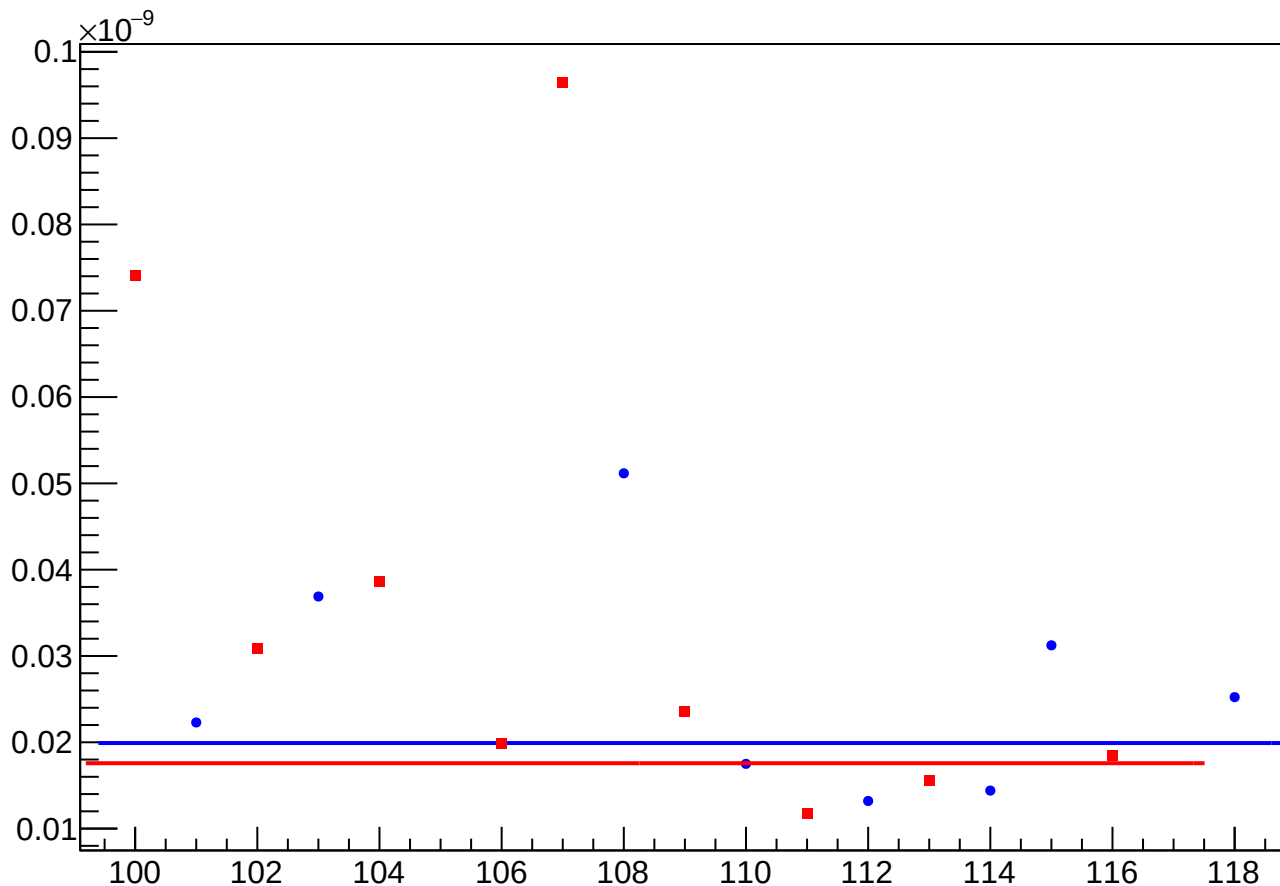
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug



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 : 583110.2/8

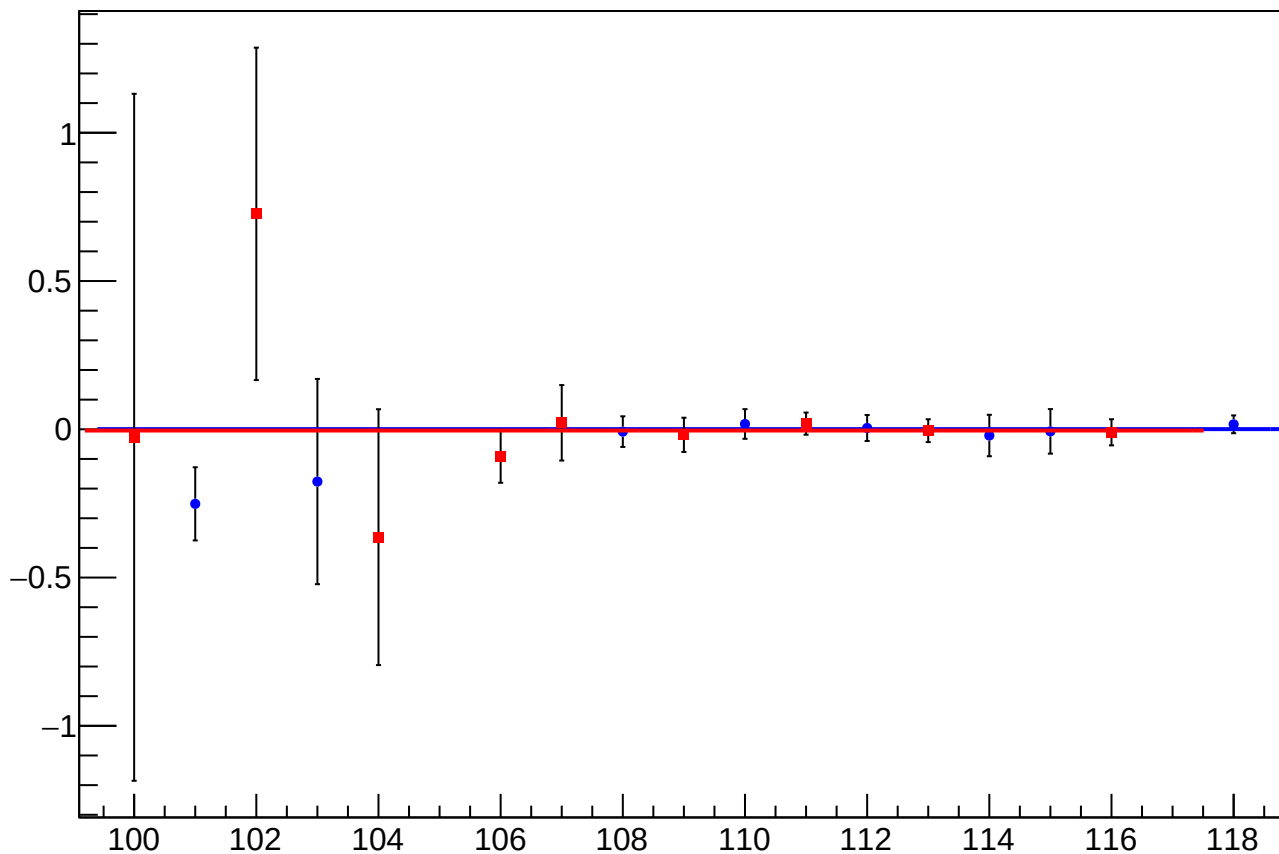
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1023394.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug



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: -0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

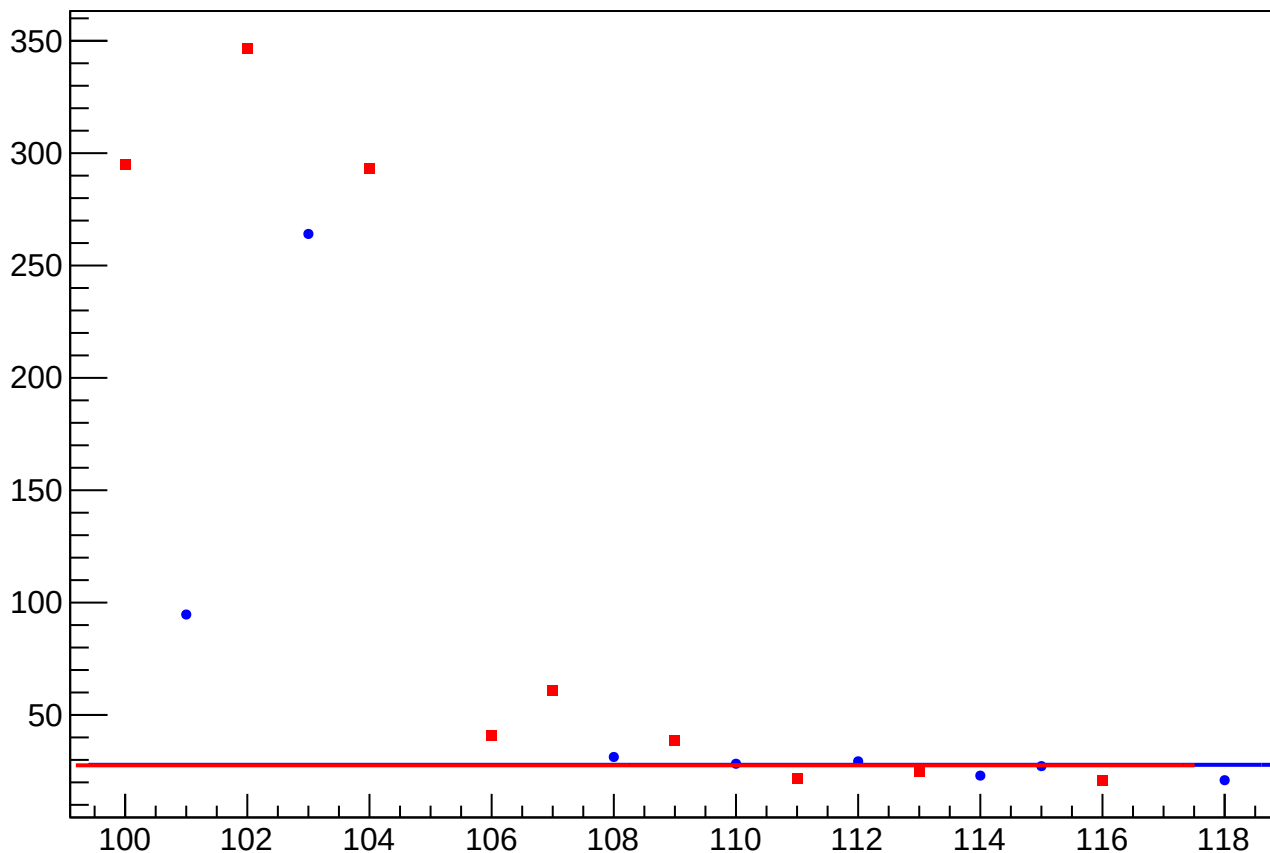
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 8.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.814 $\pm$ 0.013 χ^2 /NDF: 1644624.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.582 $\pm$ 0.014 χ^2 /NDF: 1875211.0/8

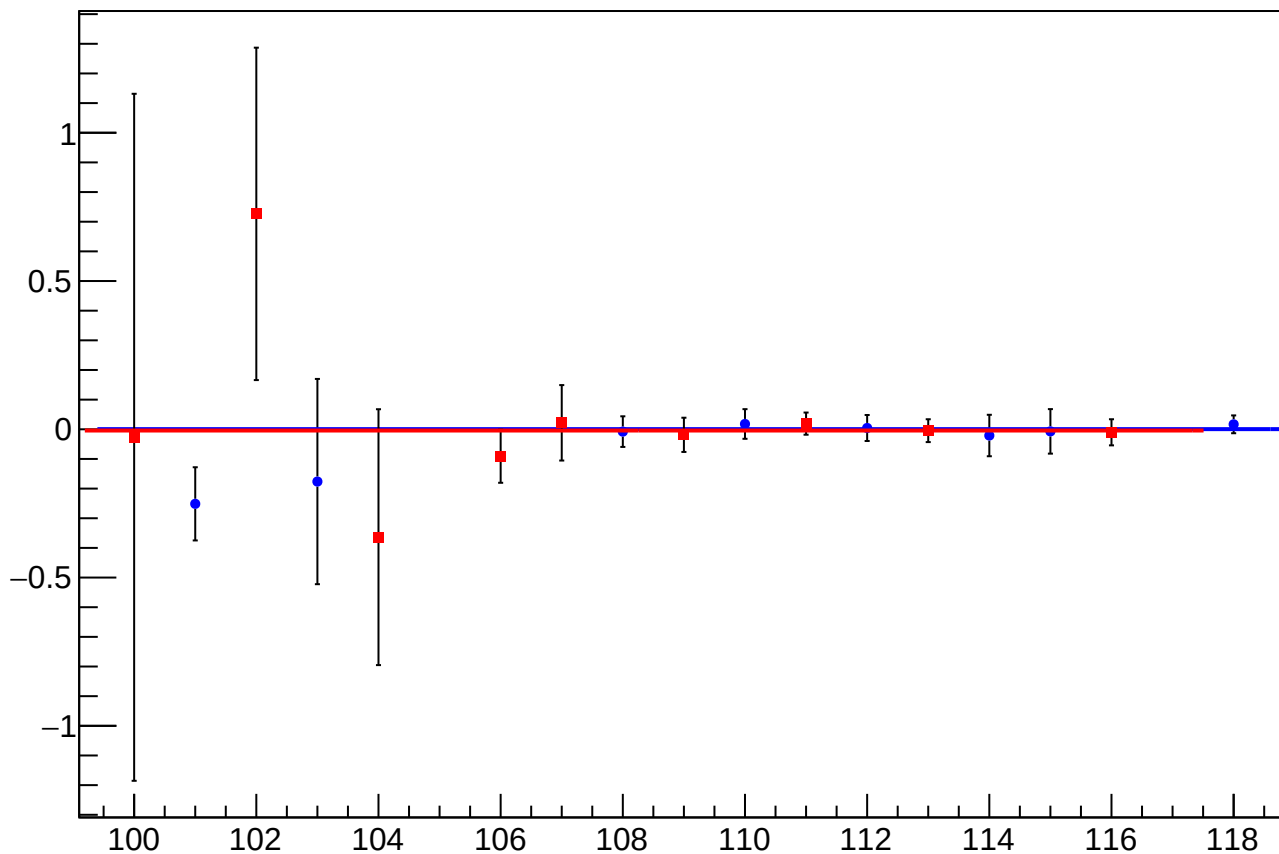
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.708 $\pm$ 0.010 χ^2 /NDF: 3519975.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

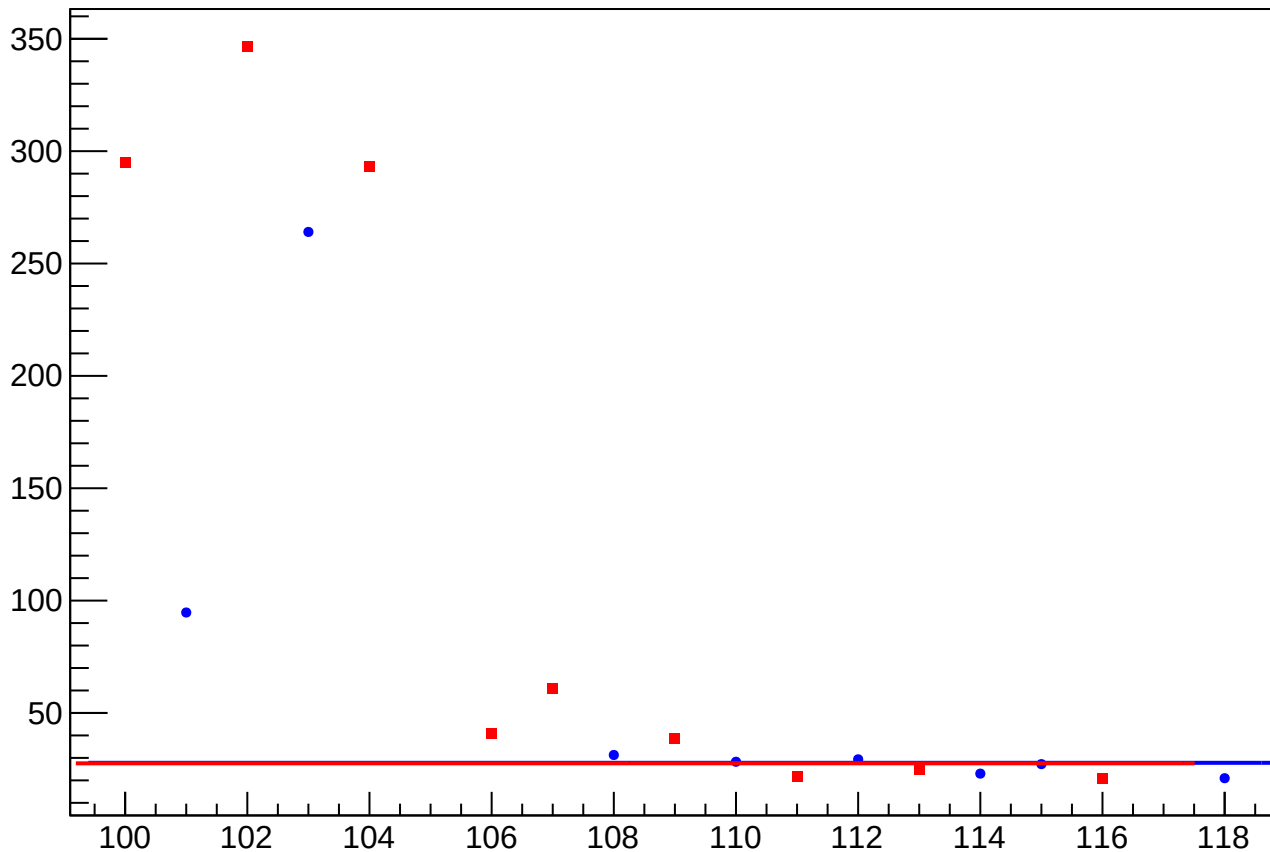
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 8.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.814 $\pm$ 0.013 χ^2 /NDF: 1644624.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.582 $\pm$ 0.014 χ^2 /NDF: 1875211.0/8

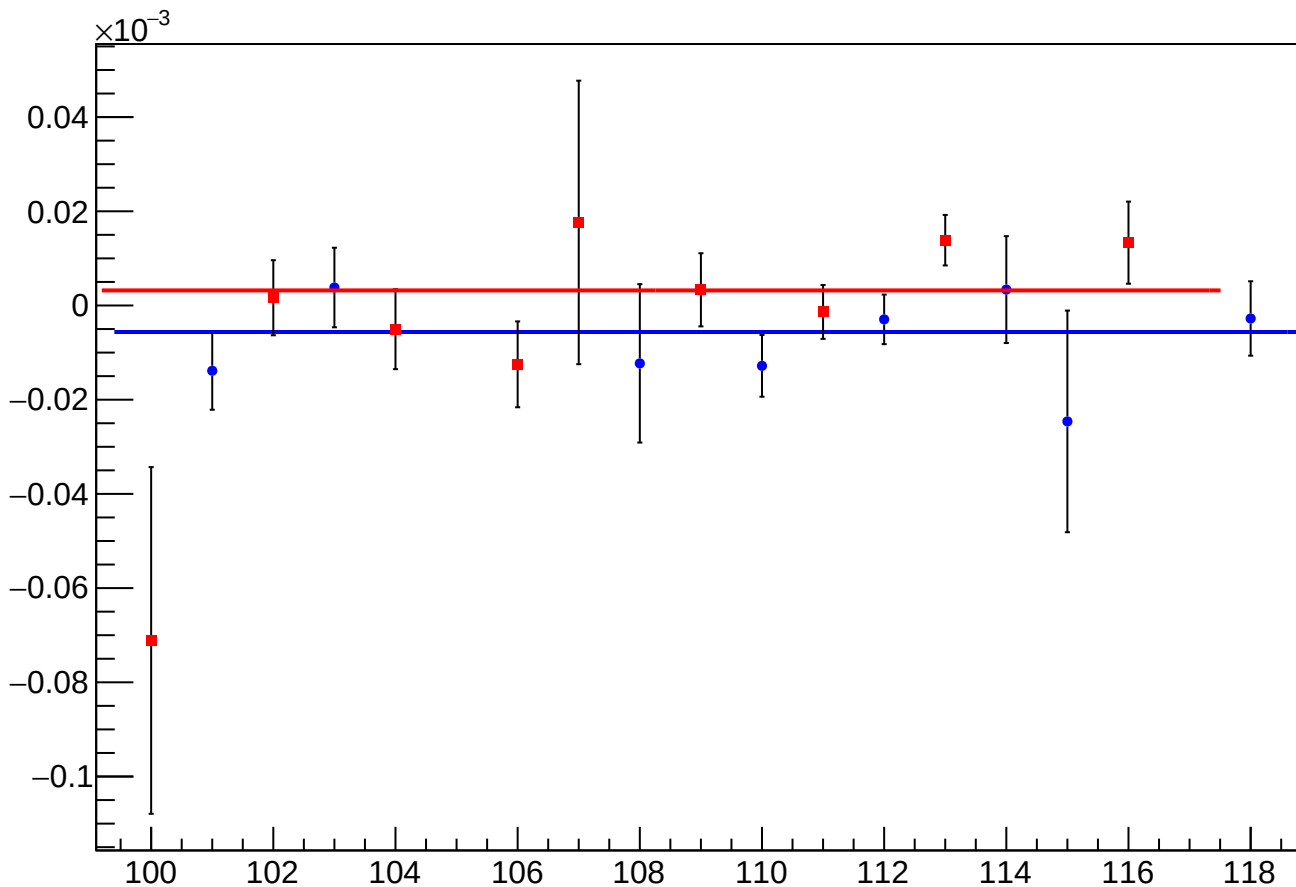
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.708 $\pm$ 0.010 χ^2 /NDF: 3519975.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 14.2/8

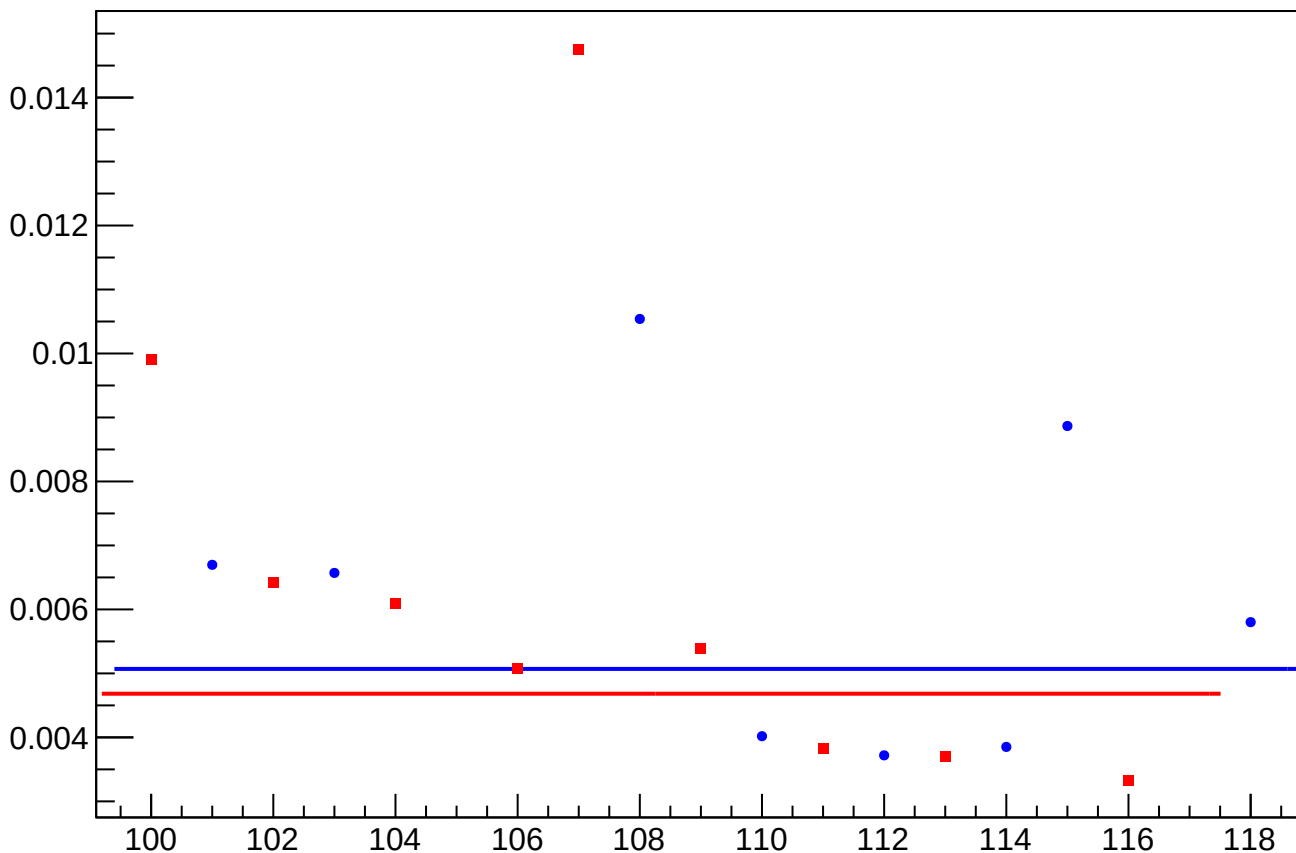
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 596738.2/8

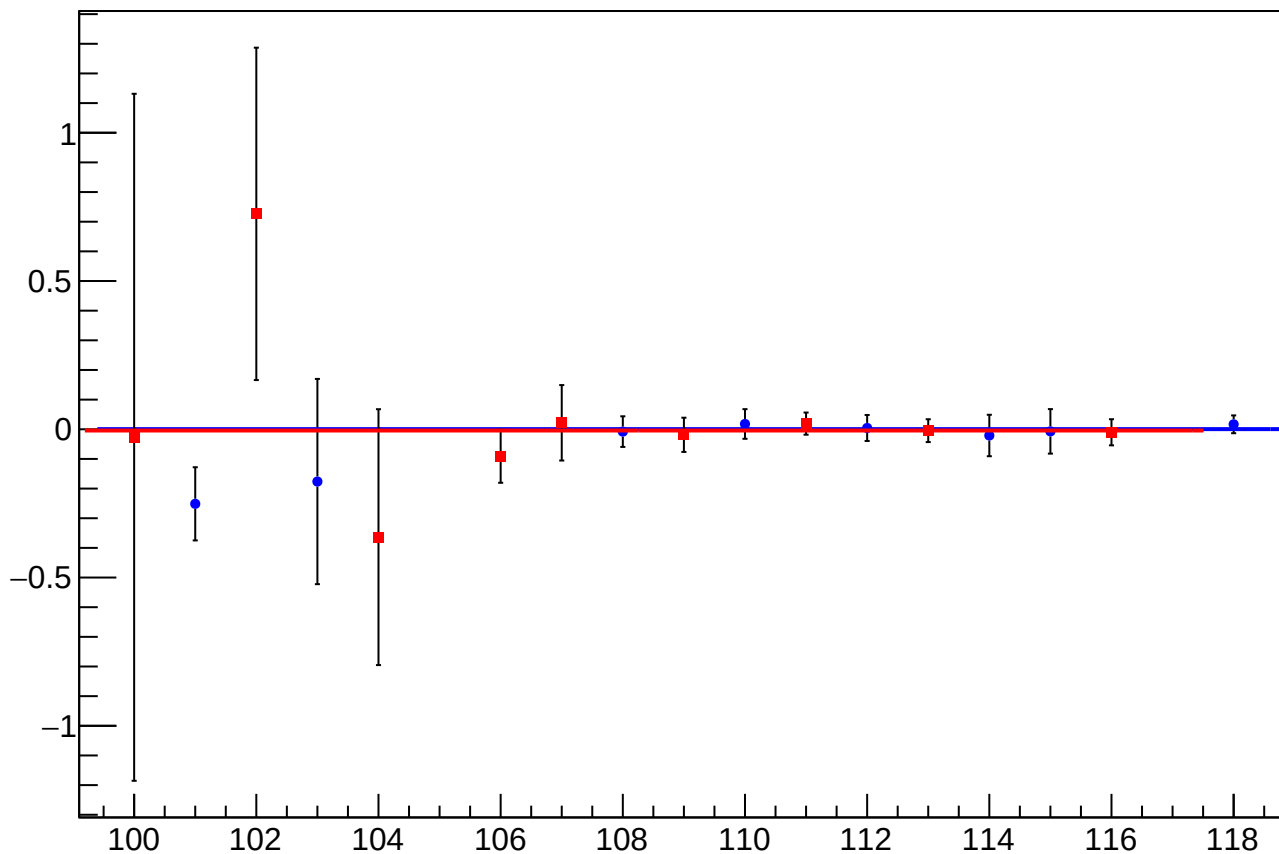
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1243502.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

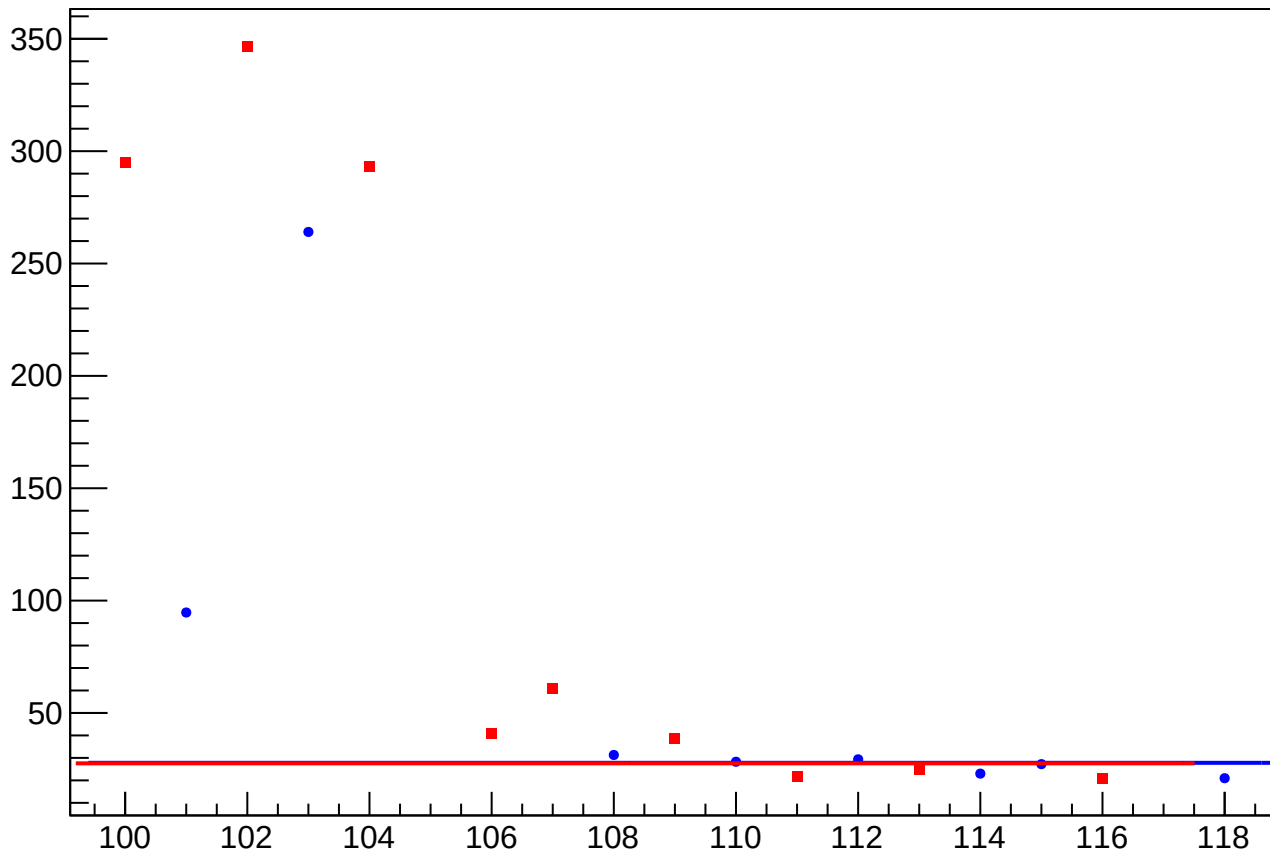
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 8.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 27.814 $\pm$ 0.013 χ^2 /NDF: 1644645.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.580 $\pm$ 0.014 χ^2 /NDF: 1875288.2/8

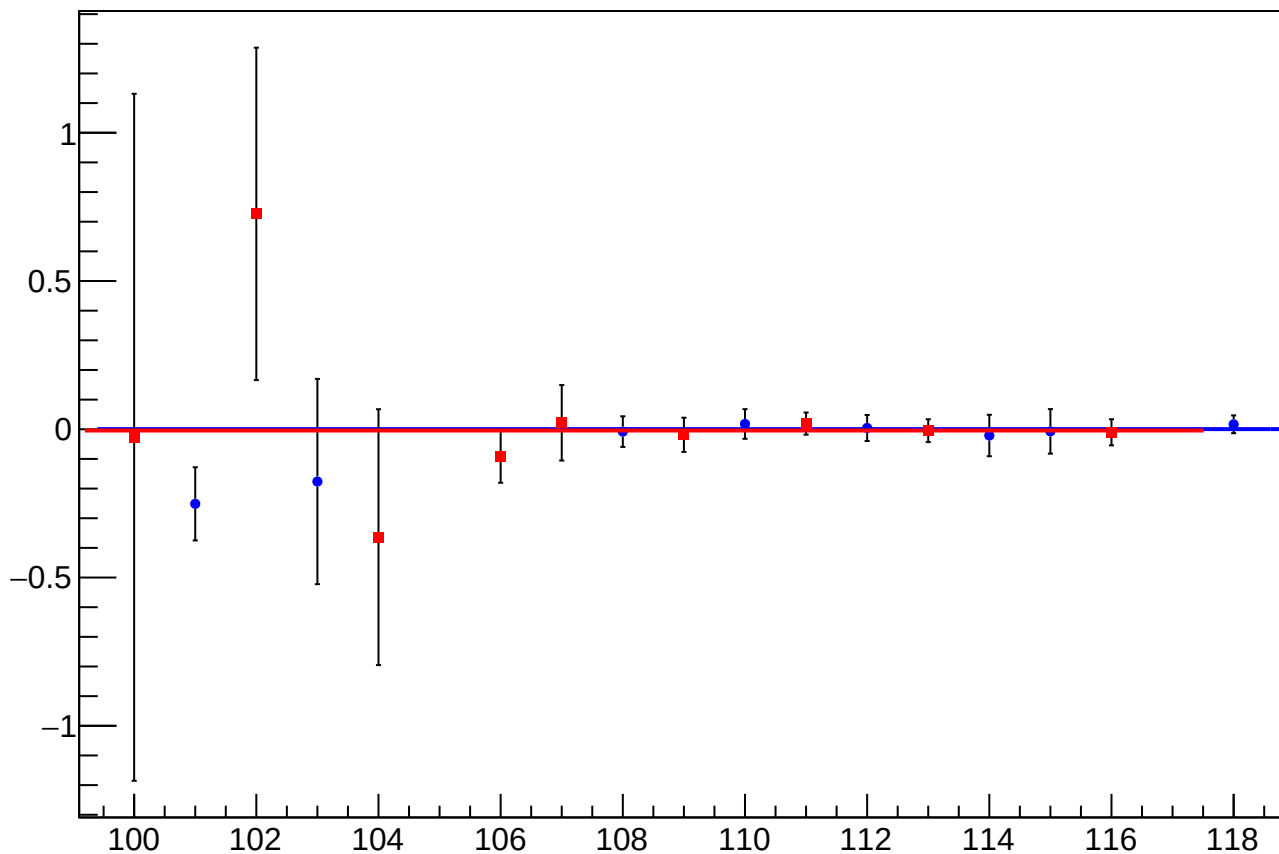
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.707 $\pm$ 0.010 χ^2 /NDF: 3520075.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.004 $\pm$ 0.020 χ^2 /NDF: 3.8/8

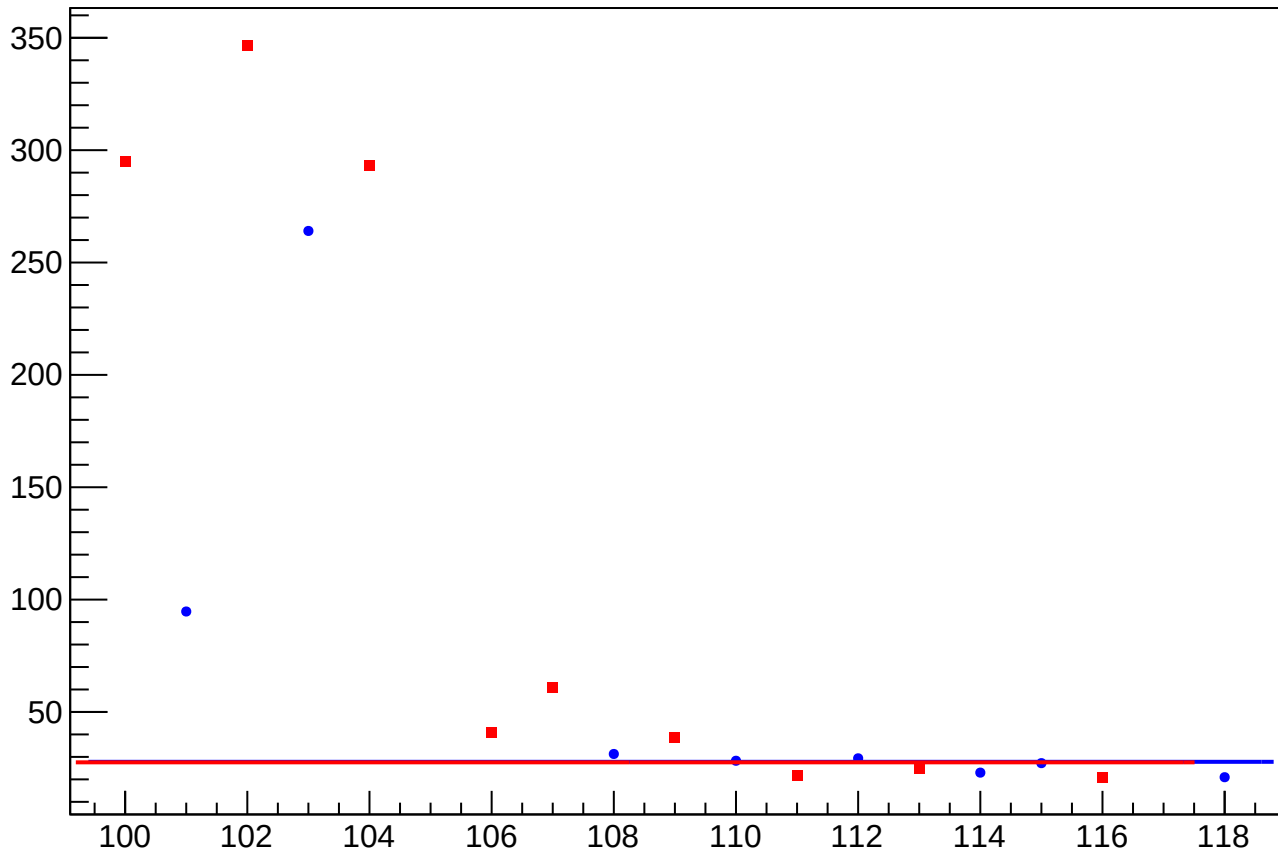
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.014 χ^2 /NDF: 8.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 27.580+/-0.014 χ^2/NDF : 1875288.2/8

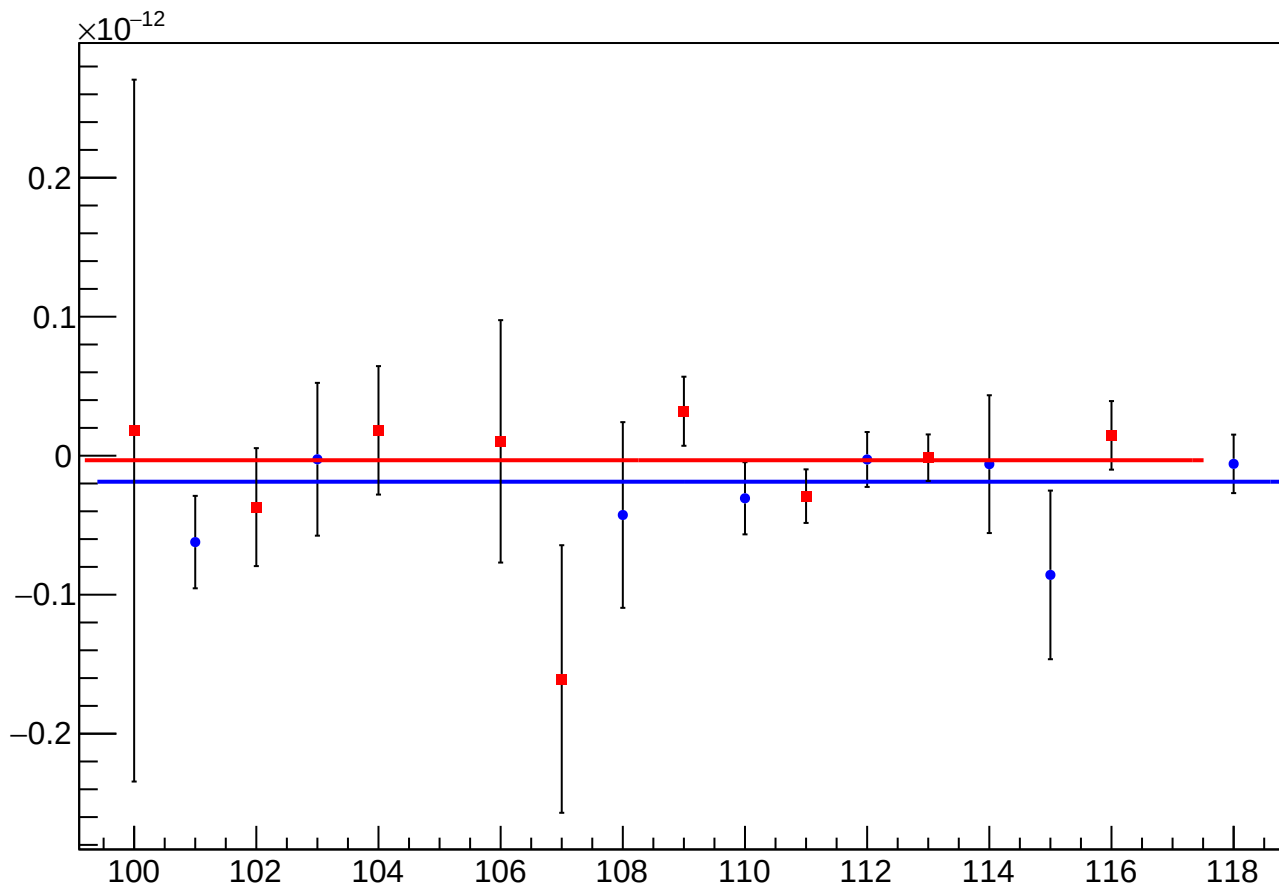
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.707+/-0.010 χ^2/NDF : 3520075.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.9/8

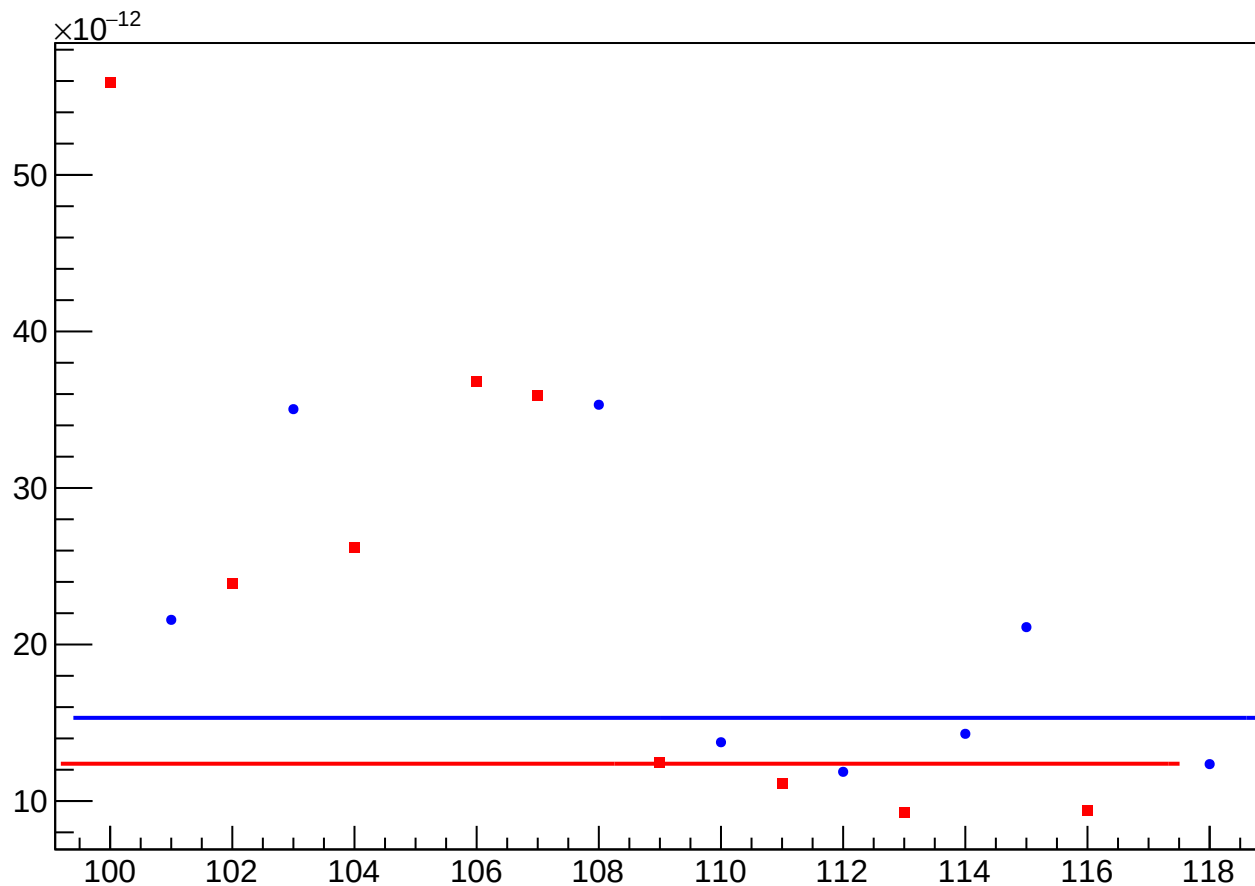
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 769850.1/8

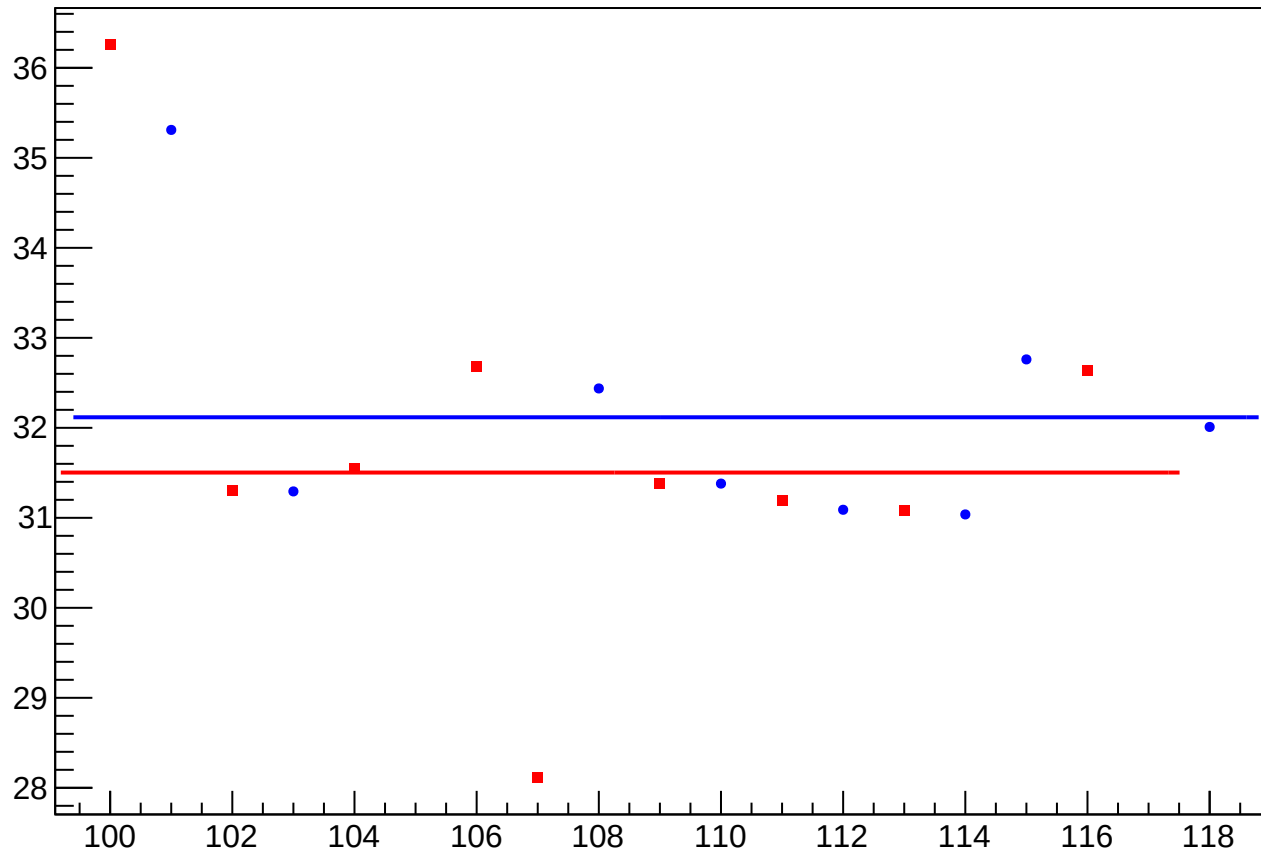
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1485673.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



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: 31.503+/-0.000 χ^2/NDF : 320607822.8/8

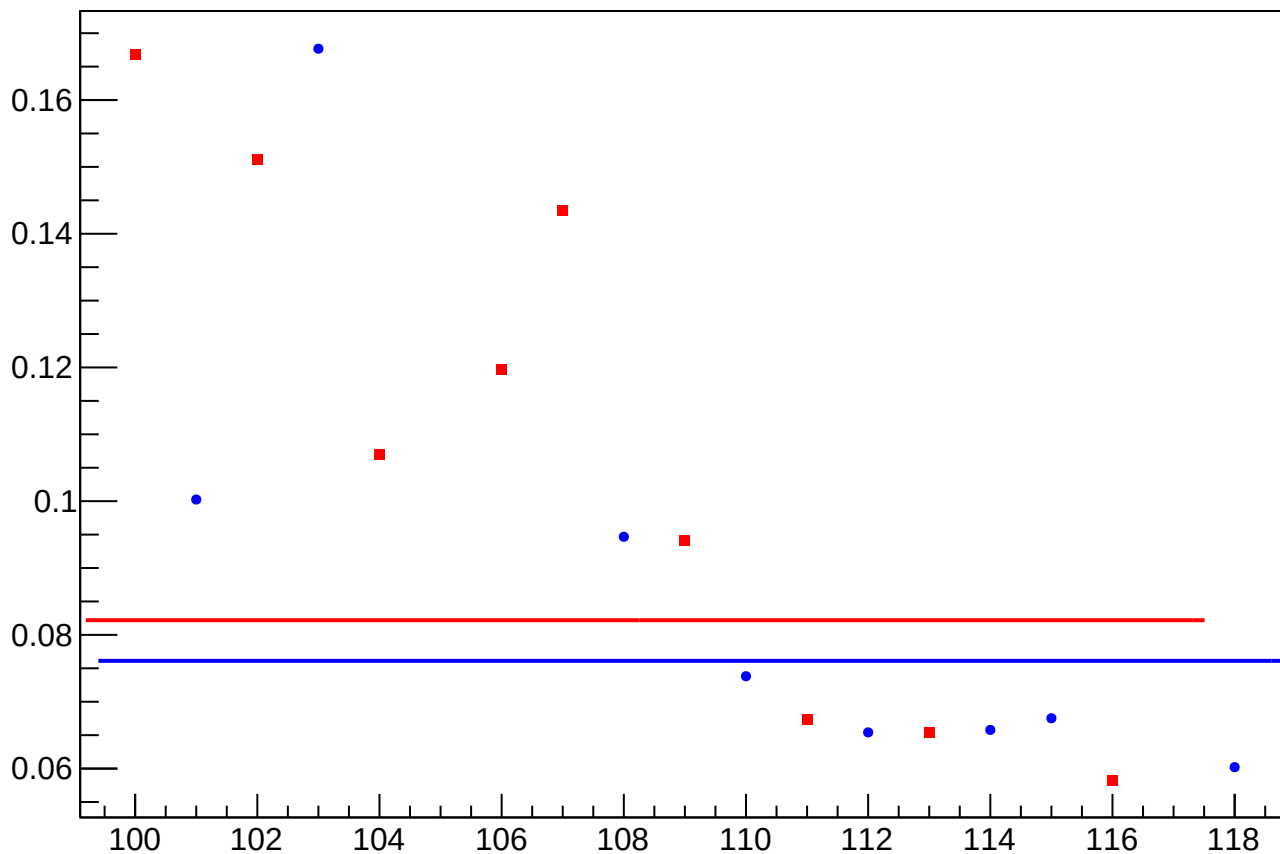
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.831+/-0.000 χ^2/NDF : 1209874665.6/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



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: 0.082+/-0.000 χ^2/NDF : 651263.8/8

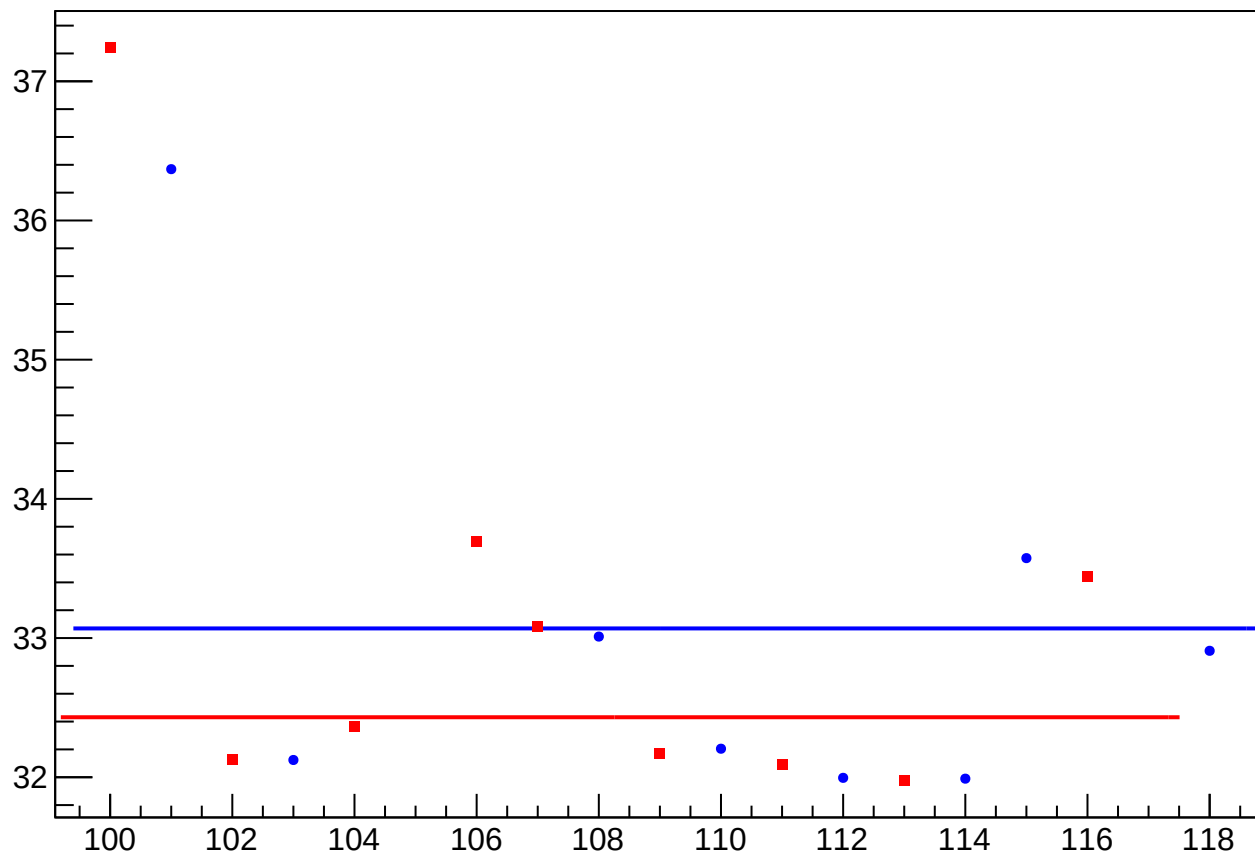
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.079+/-0.000 χ^2/NDF : 1217716.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_mean vs Slug



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: 32.431+/-0.000 χ^2/NDF : 129841589.9/8

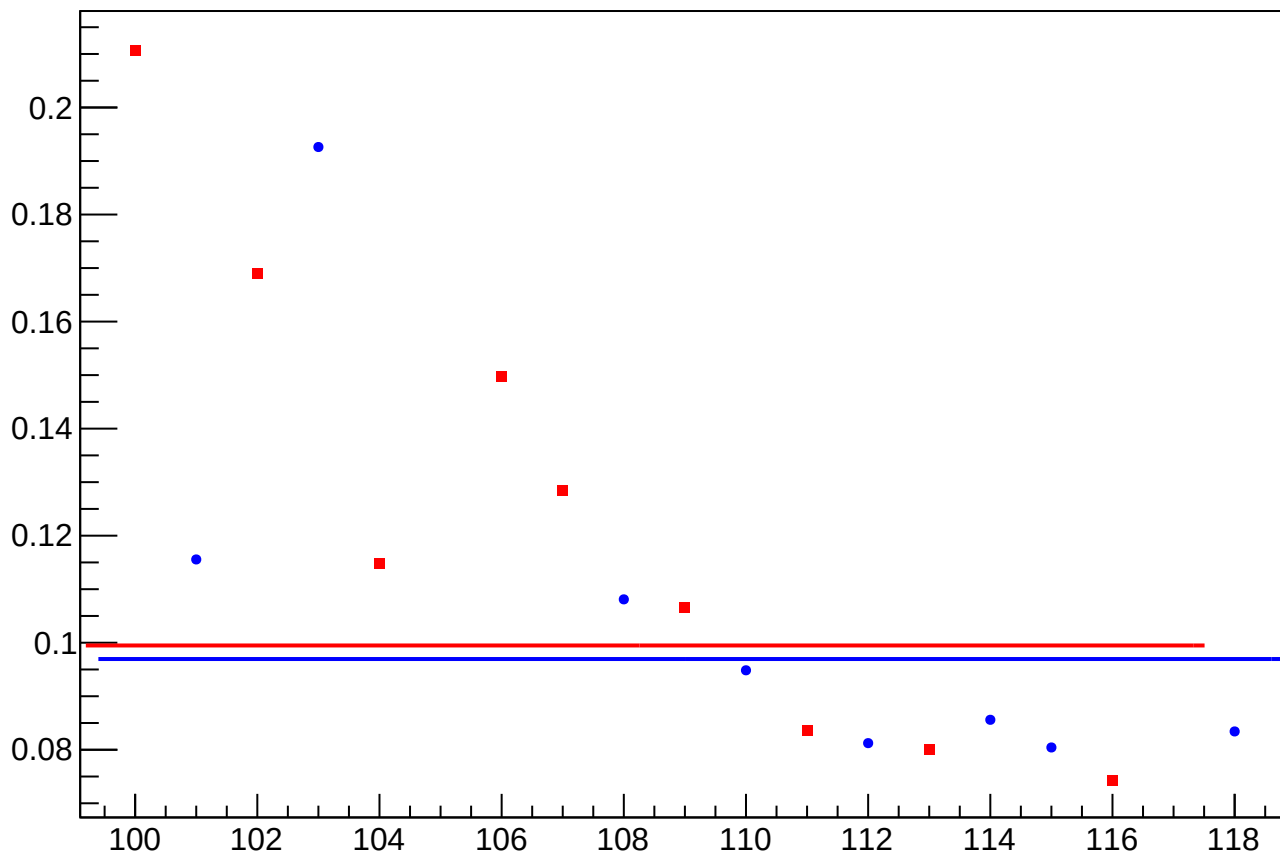
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.755+/-0.000 χ^2/NDF : 810327576.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.097 $\pm$ 0.000 χ^2 /NDF: 402105.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.099 $\pm$ 0.000 χ^2 /NDF: 472022.4/8

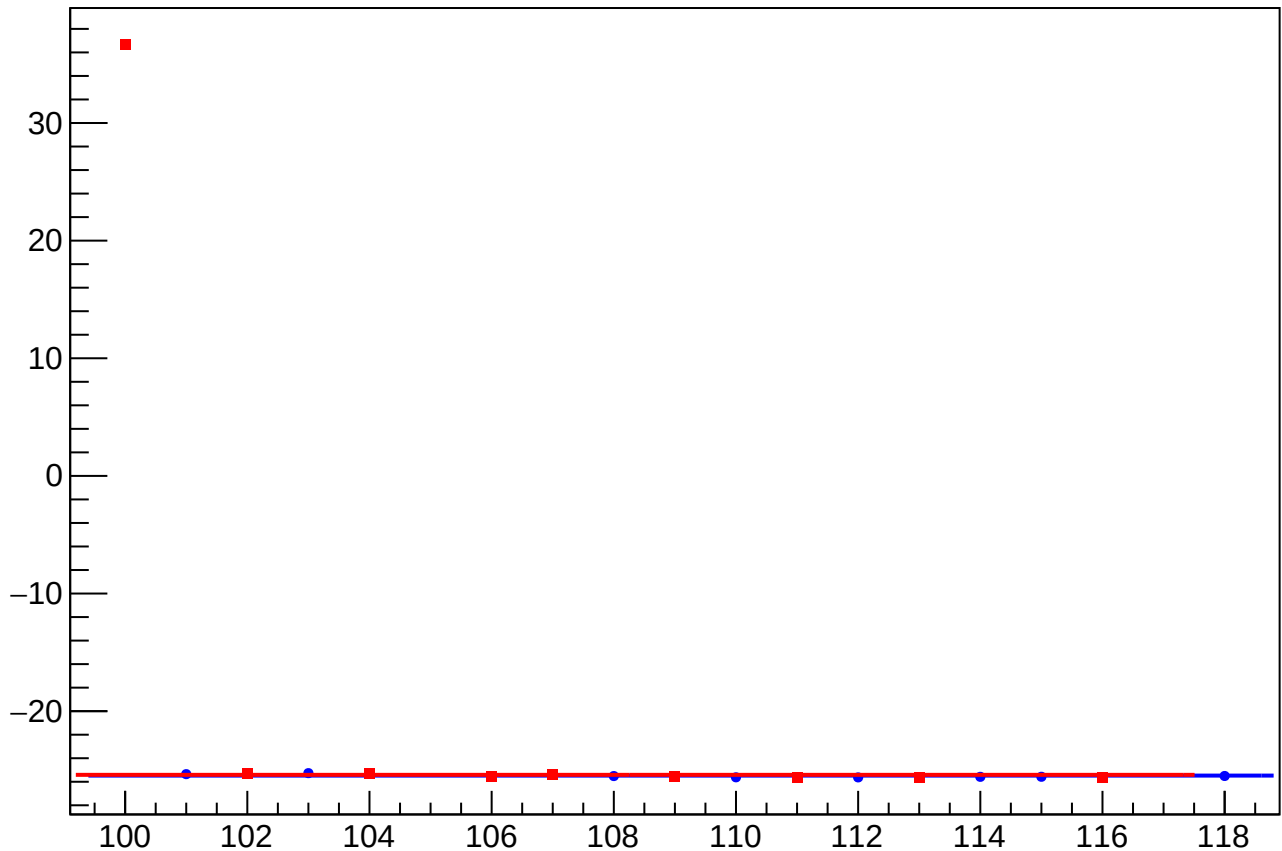
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.098 $\pm$ 0.000 χ^2 /NDF: 876025.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsl_mean vs Slug



Right In: -25.476+/-0.000 χ^2/NDF : 35789820.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

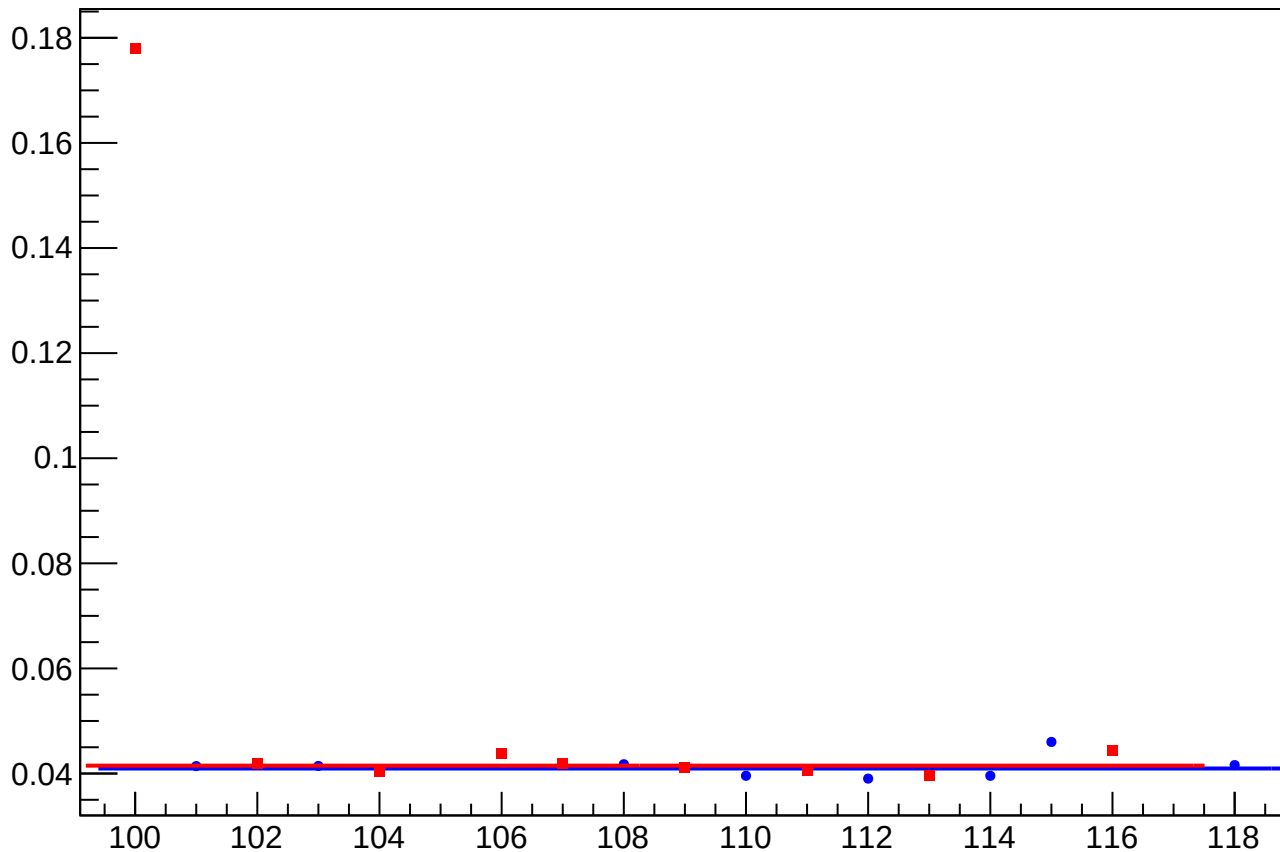
Right Out: -25.412+/-0.000 χ^2/NDF : 8814639103.0/8

All: -25.444+/-0.000 χ^2/NDF : 8854427088.3/9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_rms vs Slug



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 : 92011.0/8

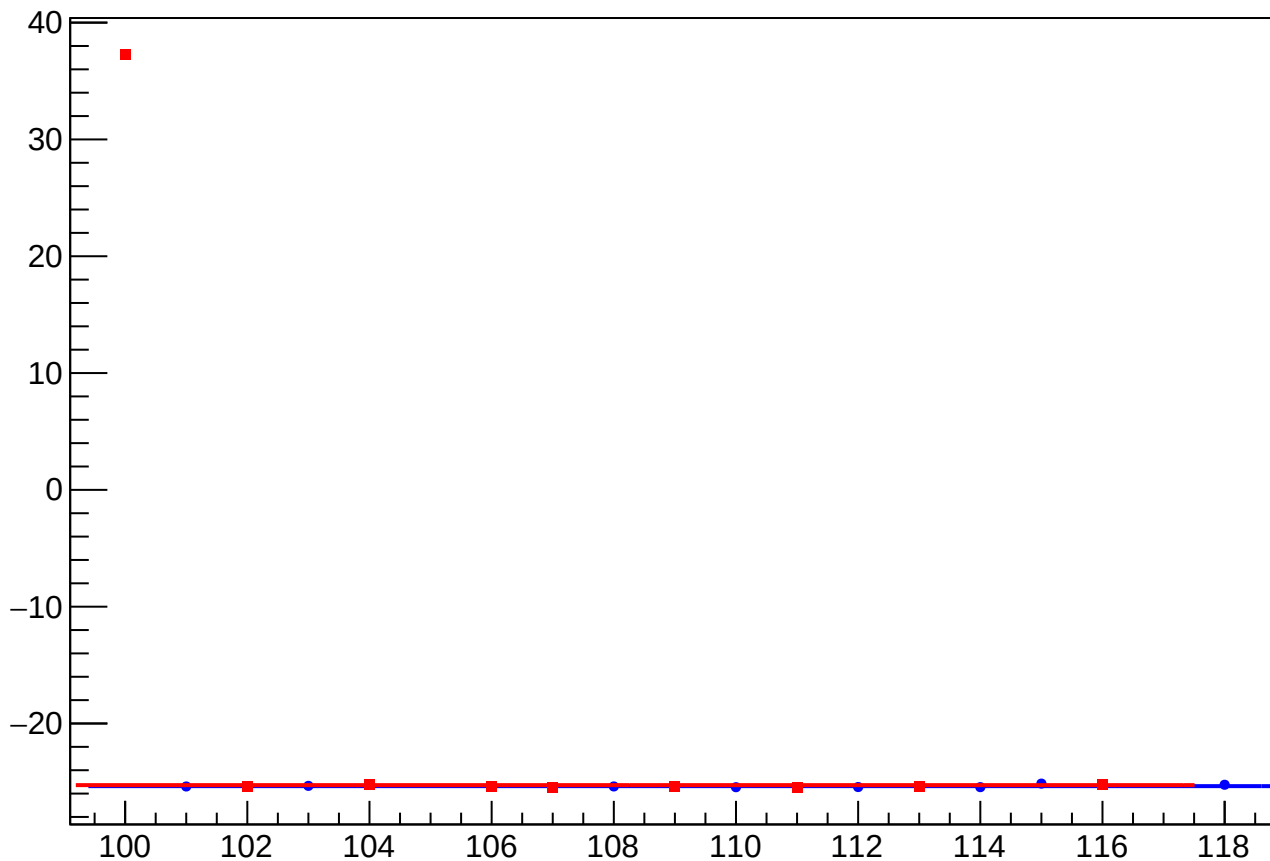
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 100481.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_mean vs Slug



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: -25.276+/-0.000 χ^2/NDF : 6302441636.3/8

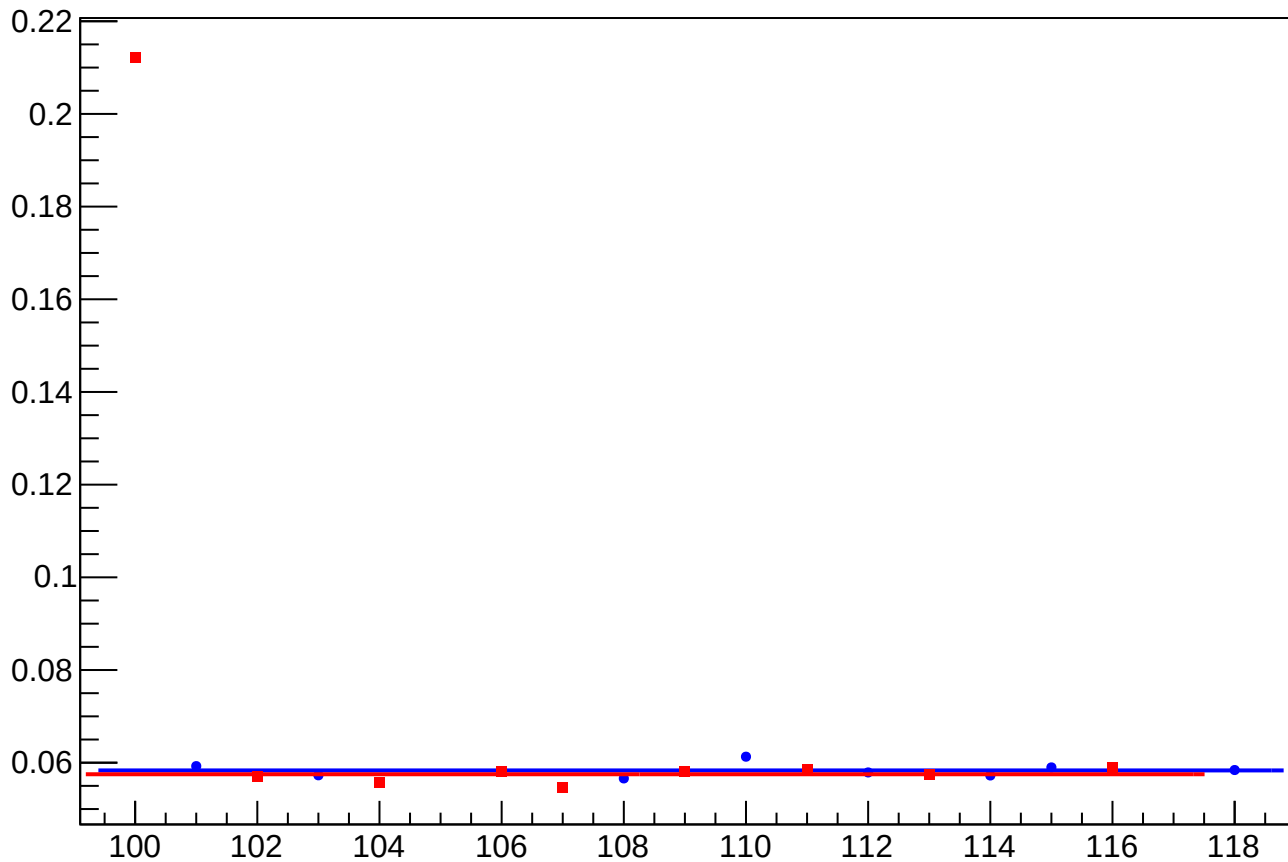
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.318+/-0.000 χ^2/NDF : 6312413415.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_rms vs Slug



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: 0.058+/-0.000 χ^2/NDF : 80019.2/8

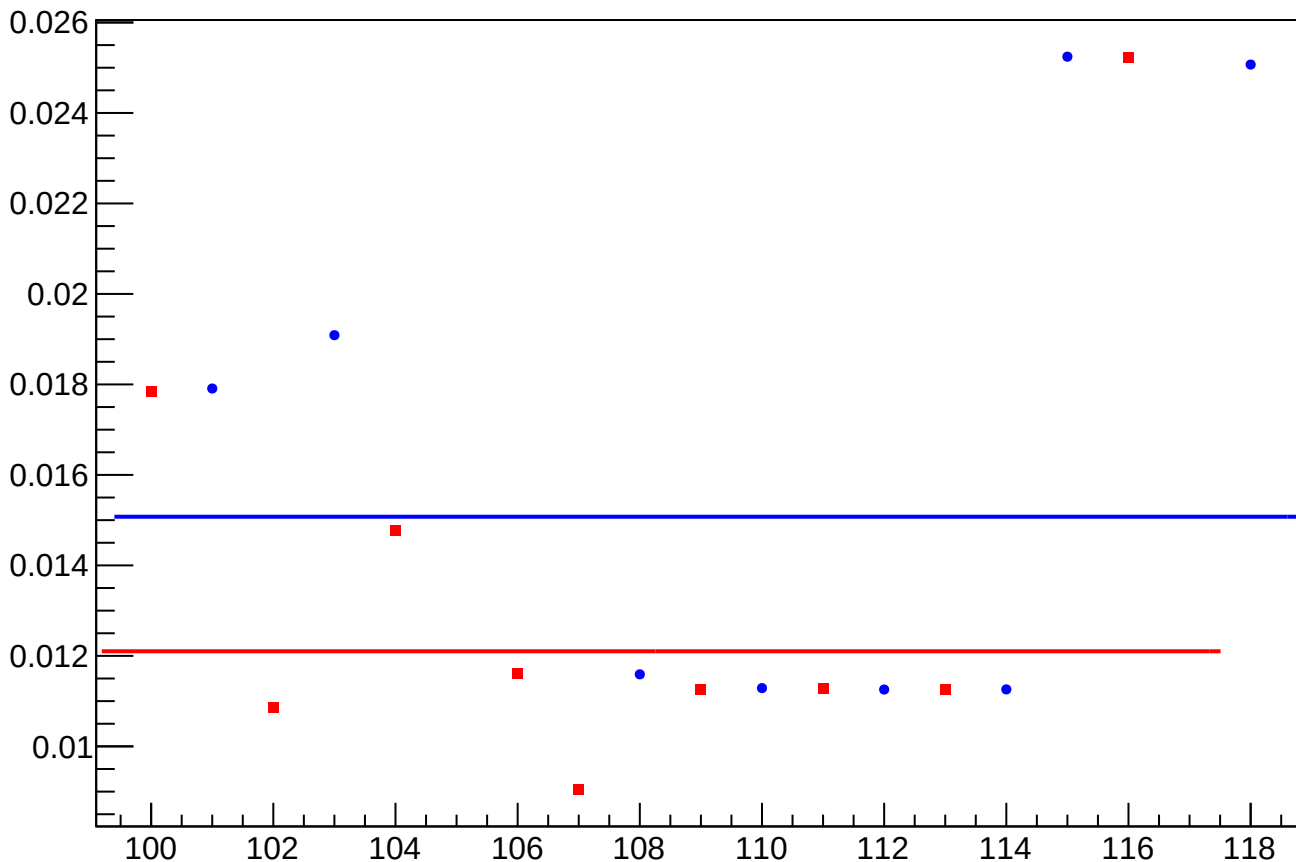
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 83959.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_mean vs Slug



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: 0.012+/-0.000 χ^2/NDF : 9011281154.3/8

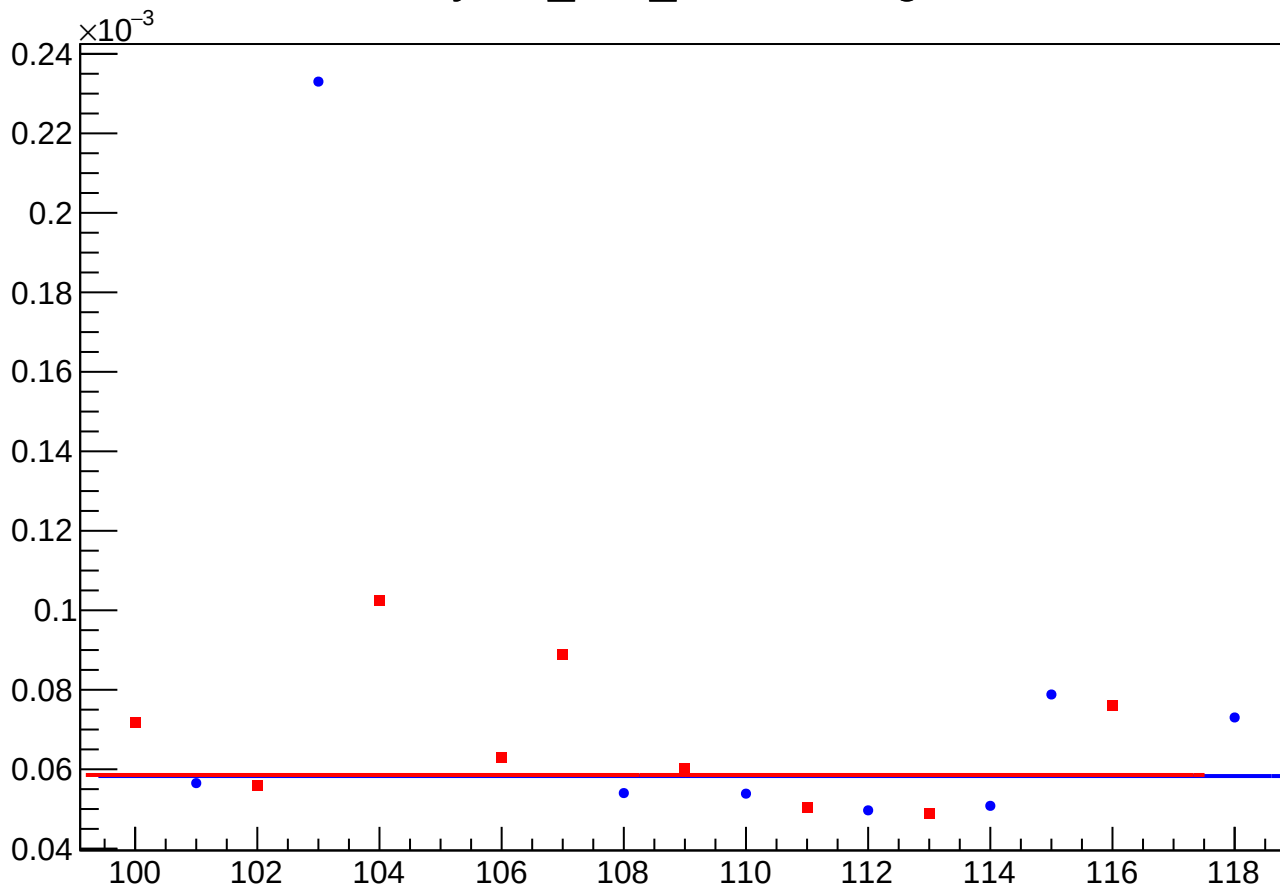
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 33601340471.9/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_rms vs Slug



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 : 268836.7/8

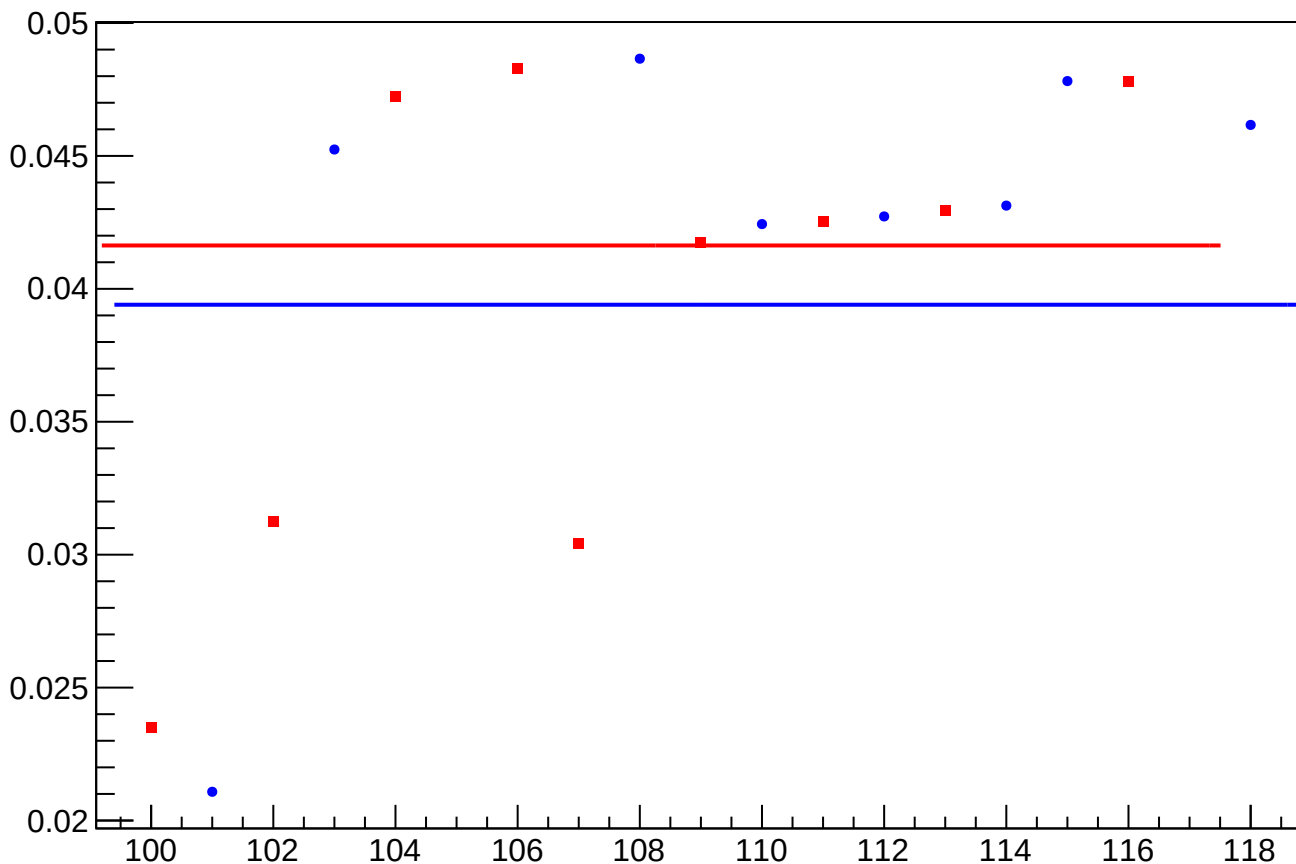
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 922132.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



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: 0.042+/-0.000 χ^2/NDF : 683221554.1/8

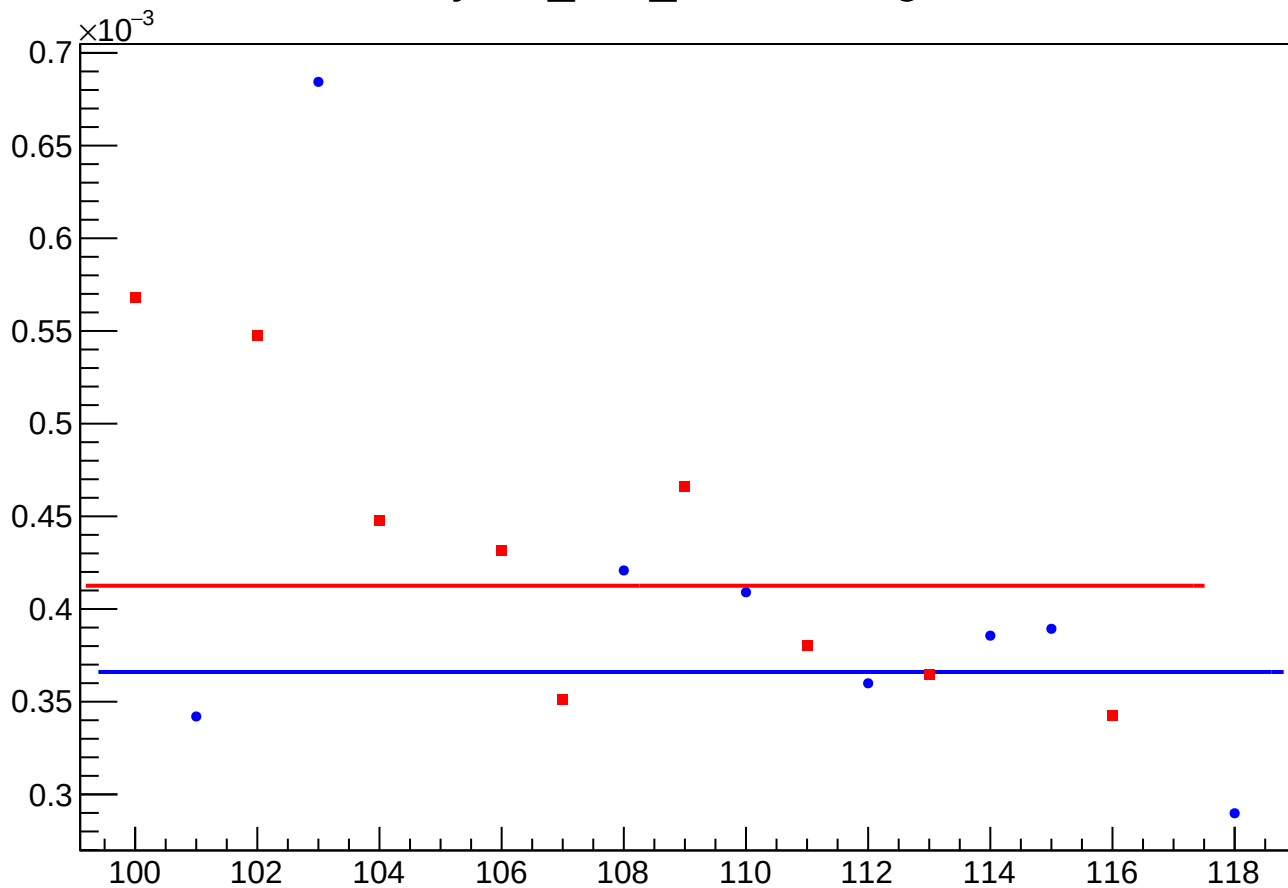
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.000 χ^2/NDF : 3011655232.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_rms vs Slug



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 : 146852.6/8

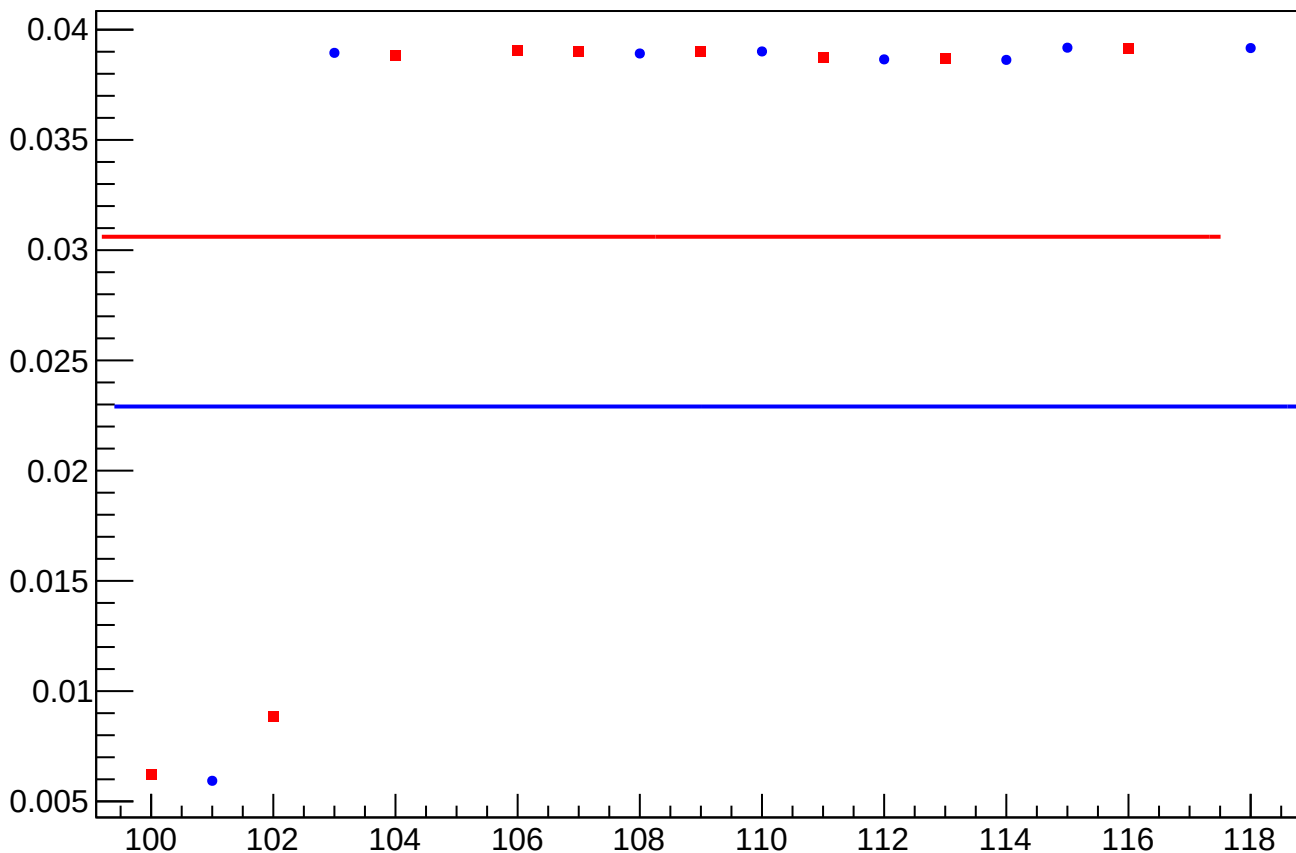
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 526276.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_mean vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 76614979080.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 39819049403.2/8

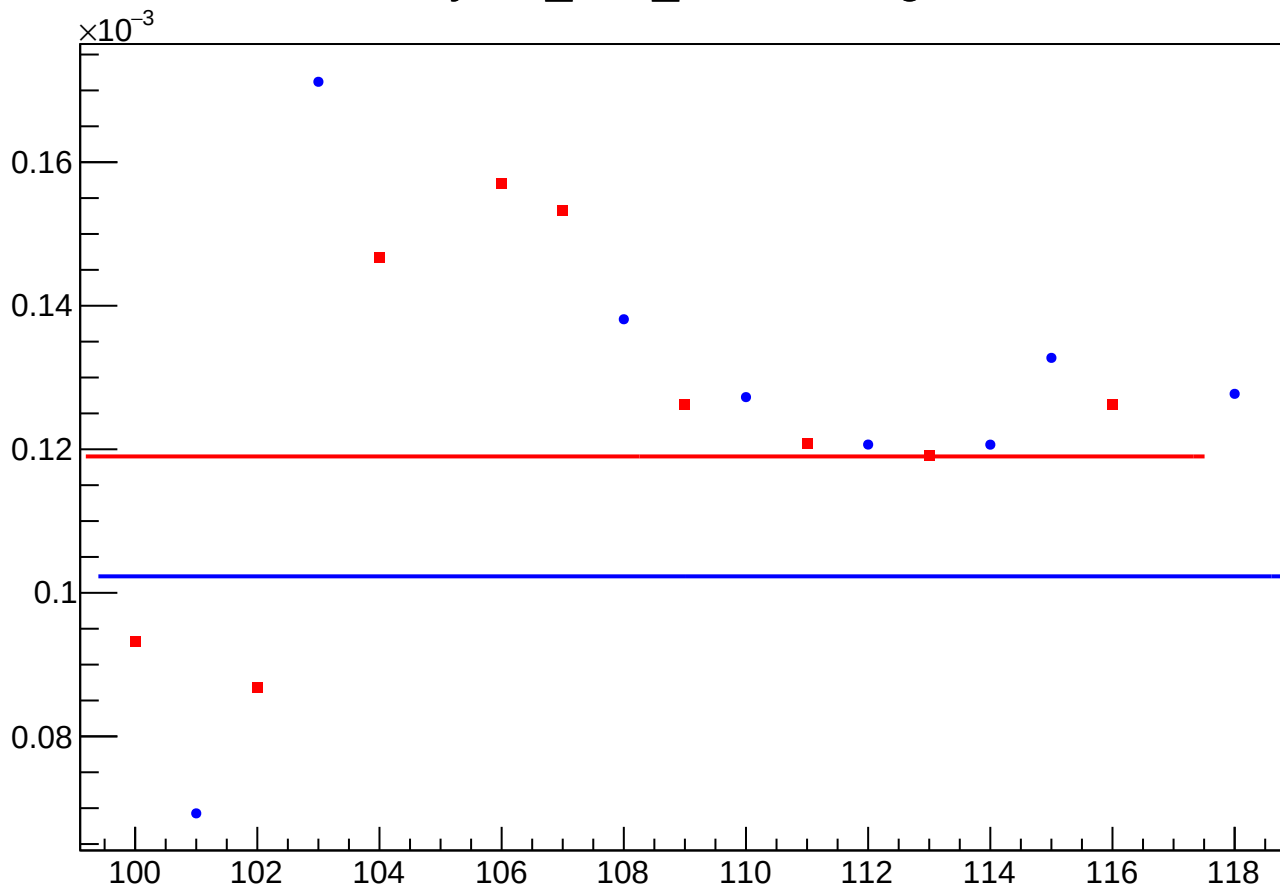
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 123704833469.8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



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 : 214958.5/8

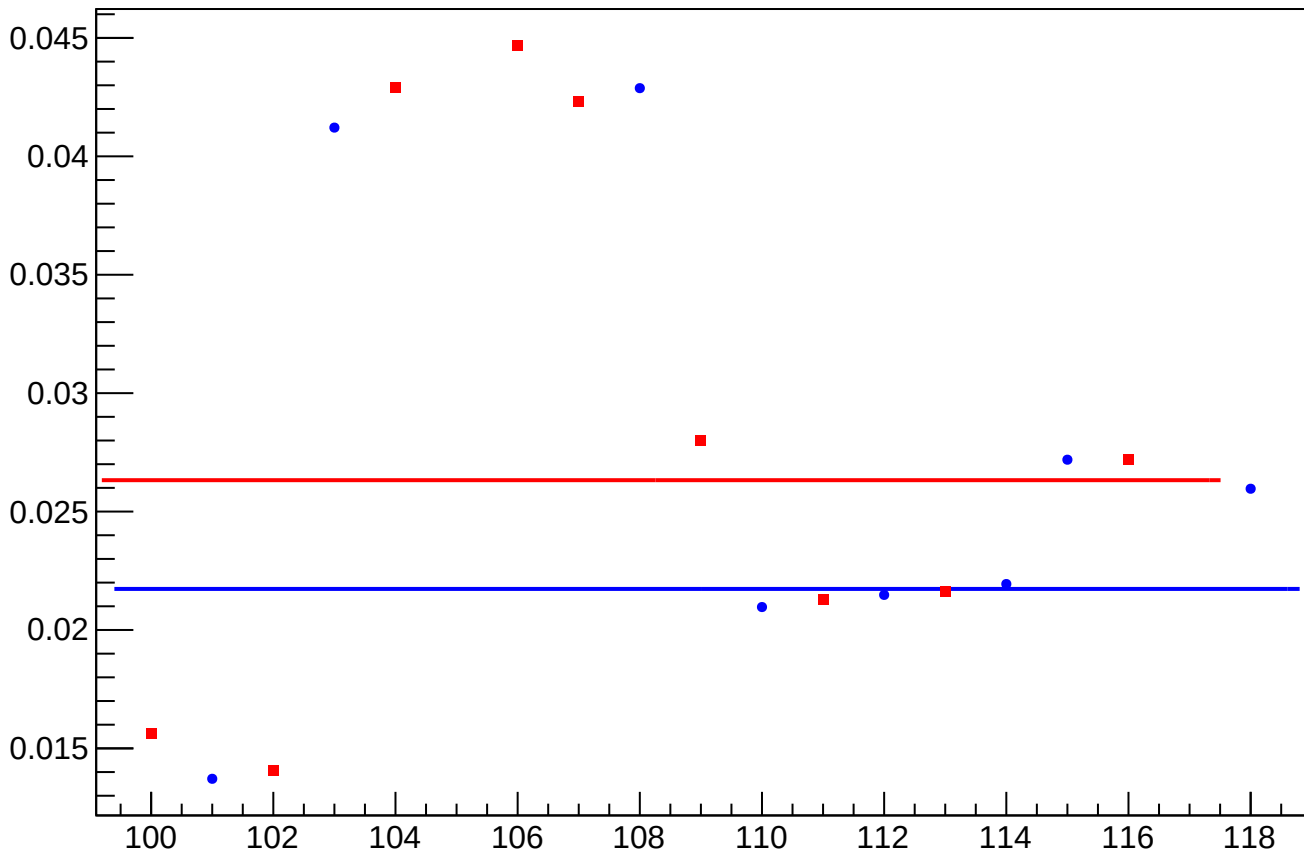
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 940229.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_mean vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 3257574939.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 3225732537.0/8

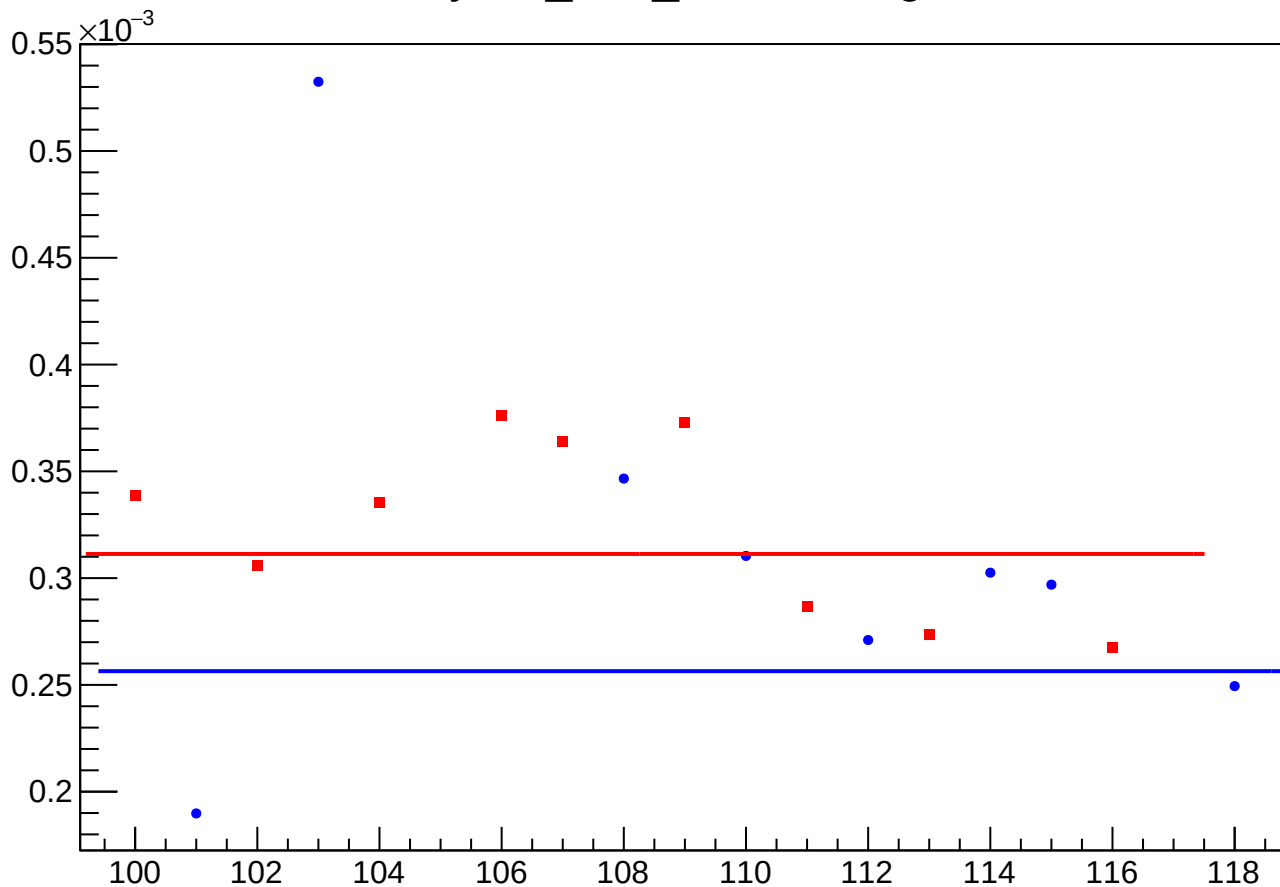
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6857924959.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



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 : 90238.6/8

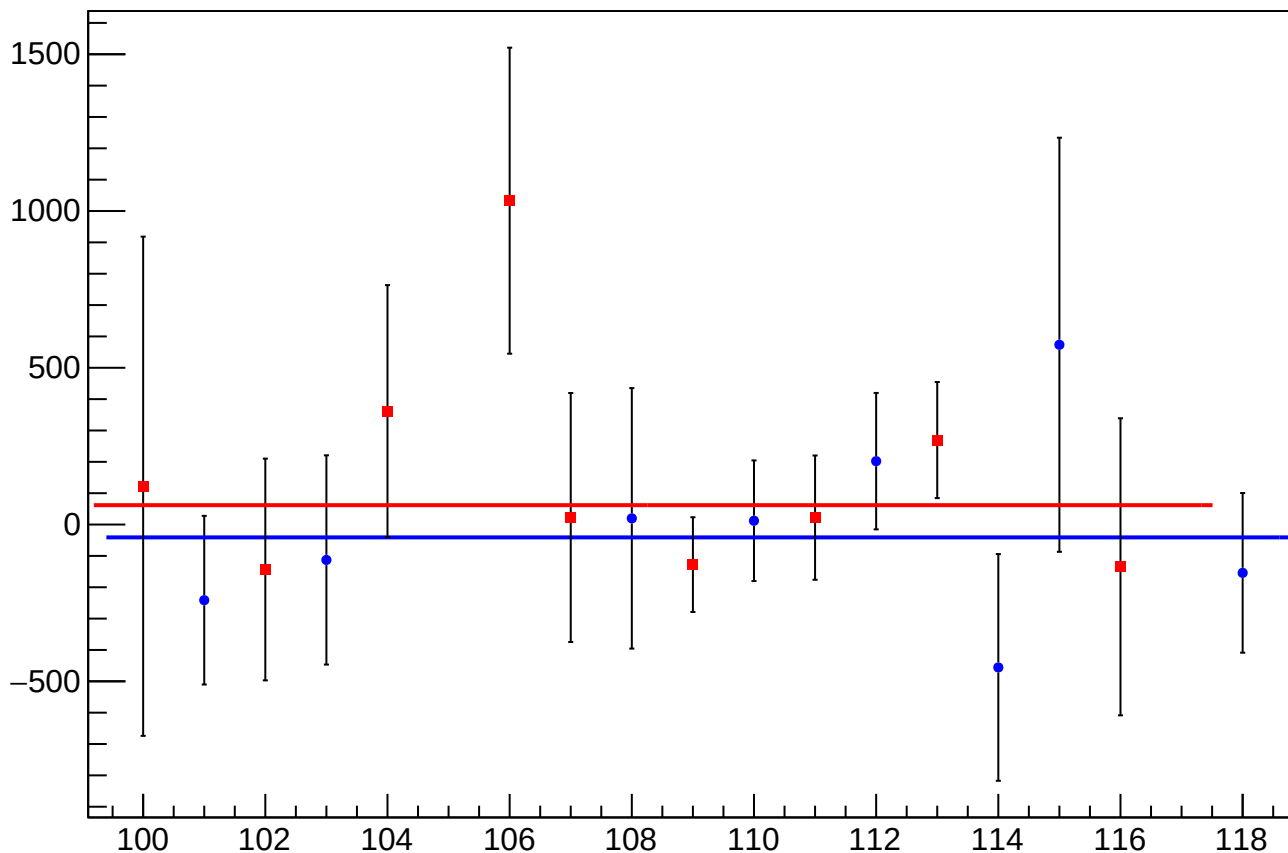
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 722480.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



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: 61.827+/-87.973 χ^2/NDF : 7.9/8

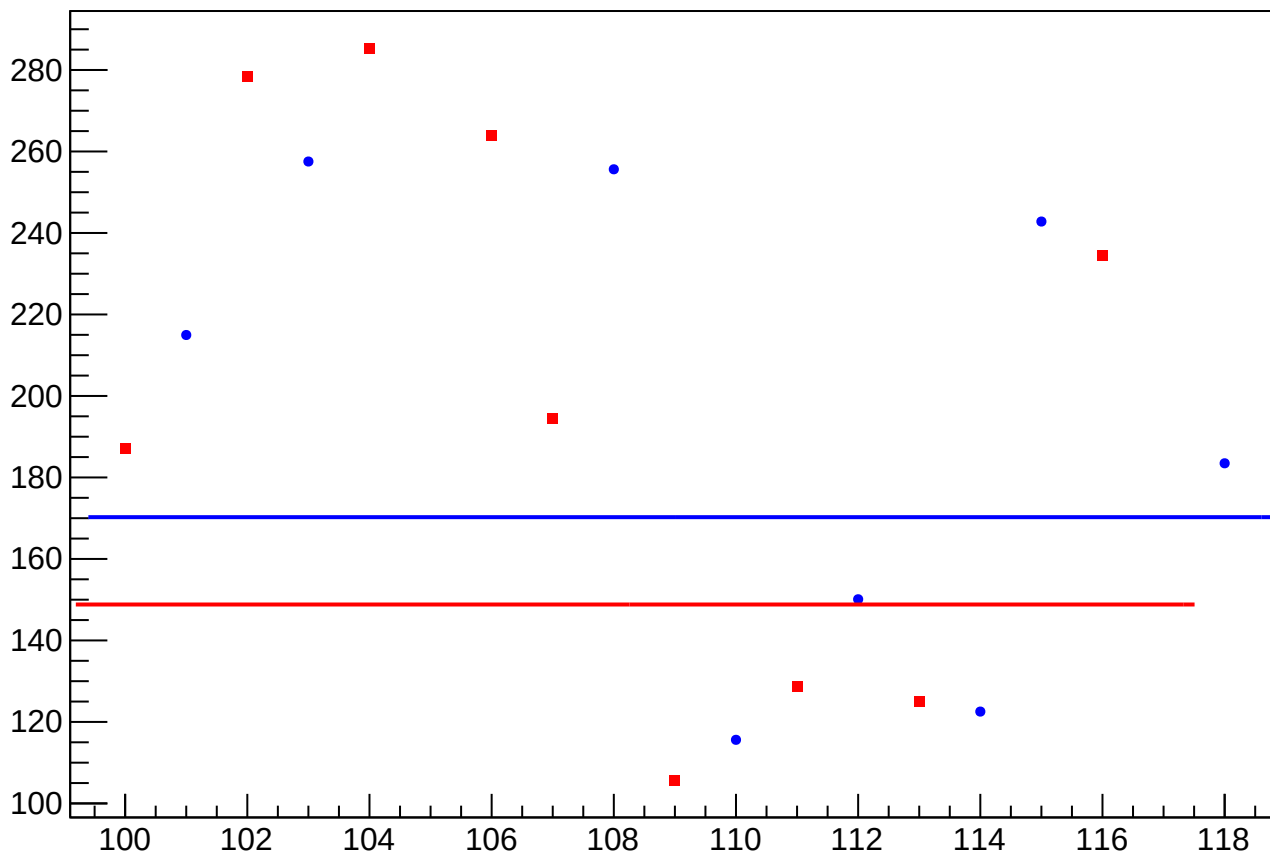
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.456+/-65.752 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



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: 148.819+/-0.062 χ^2/NDF : 923457.8/8

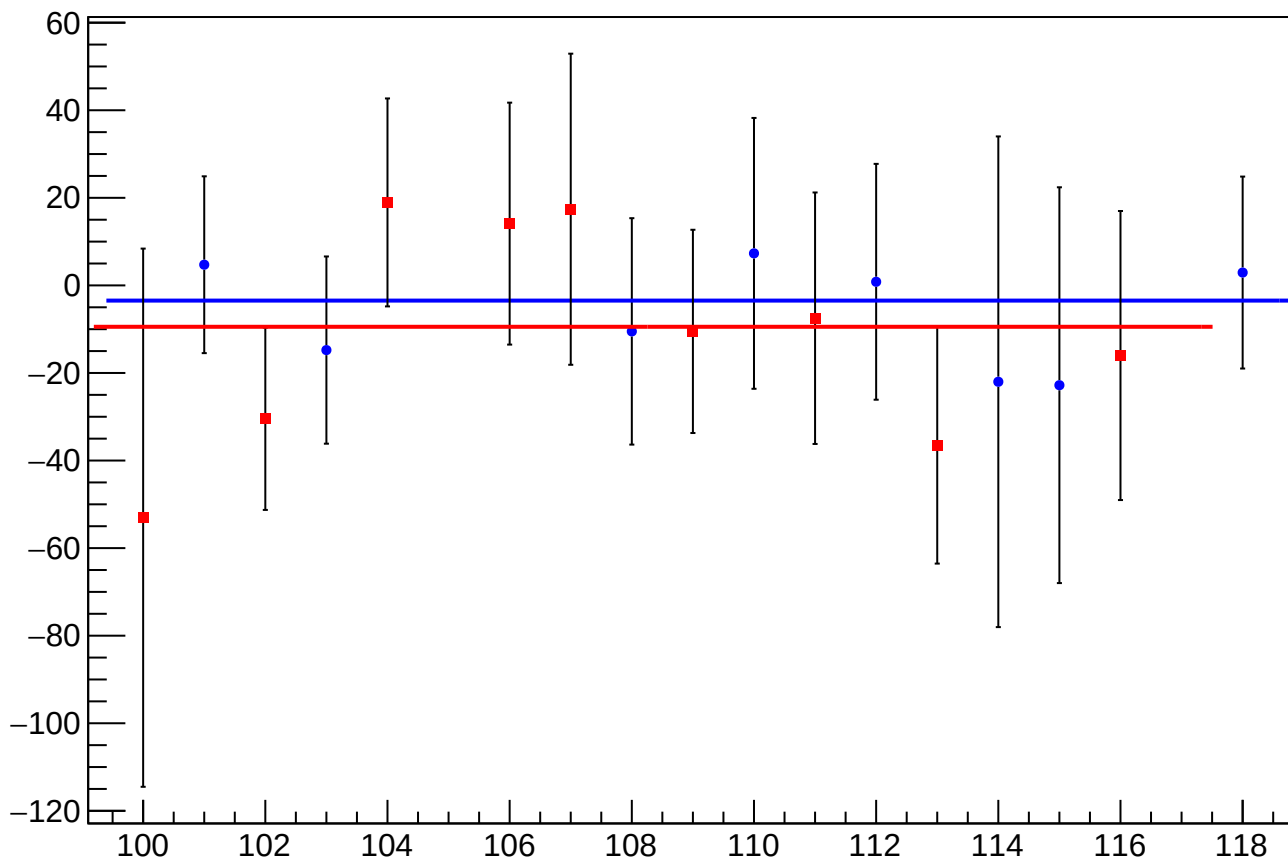
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.280+/-0.046 χ^2/NDF : 1495201.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



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: -9.452+/-9.206 χ^2/NDF : 5.3/8

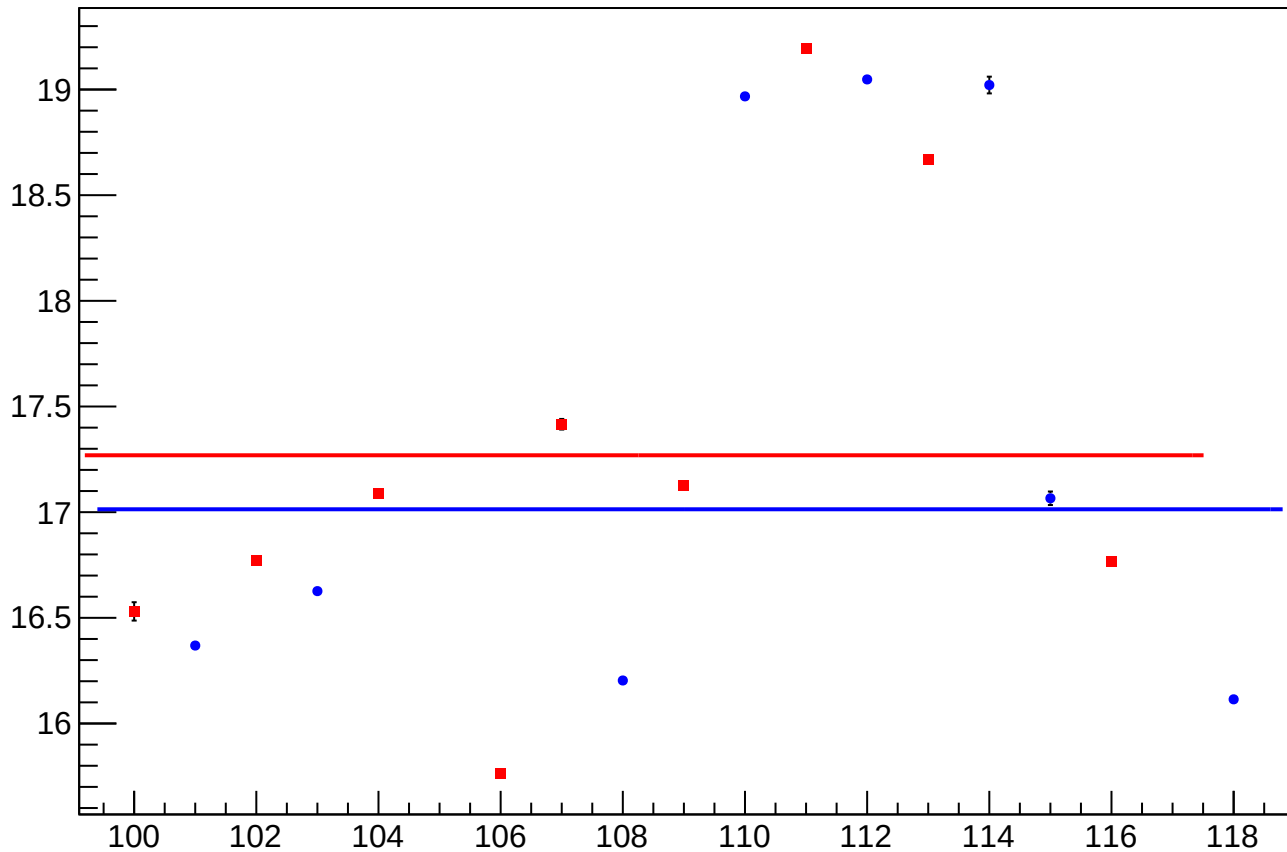
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.506+/-6.558 χ^2/NDF : 6.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



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: 17.269+/-0.007 χ^2/NDF : 22362.1/8

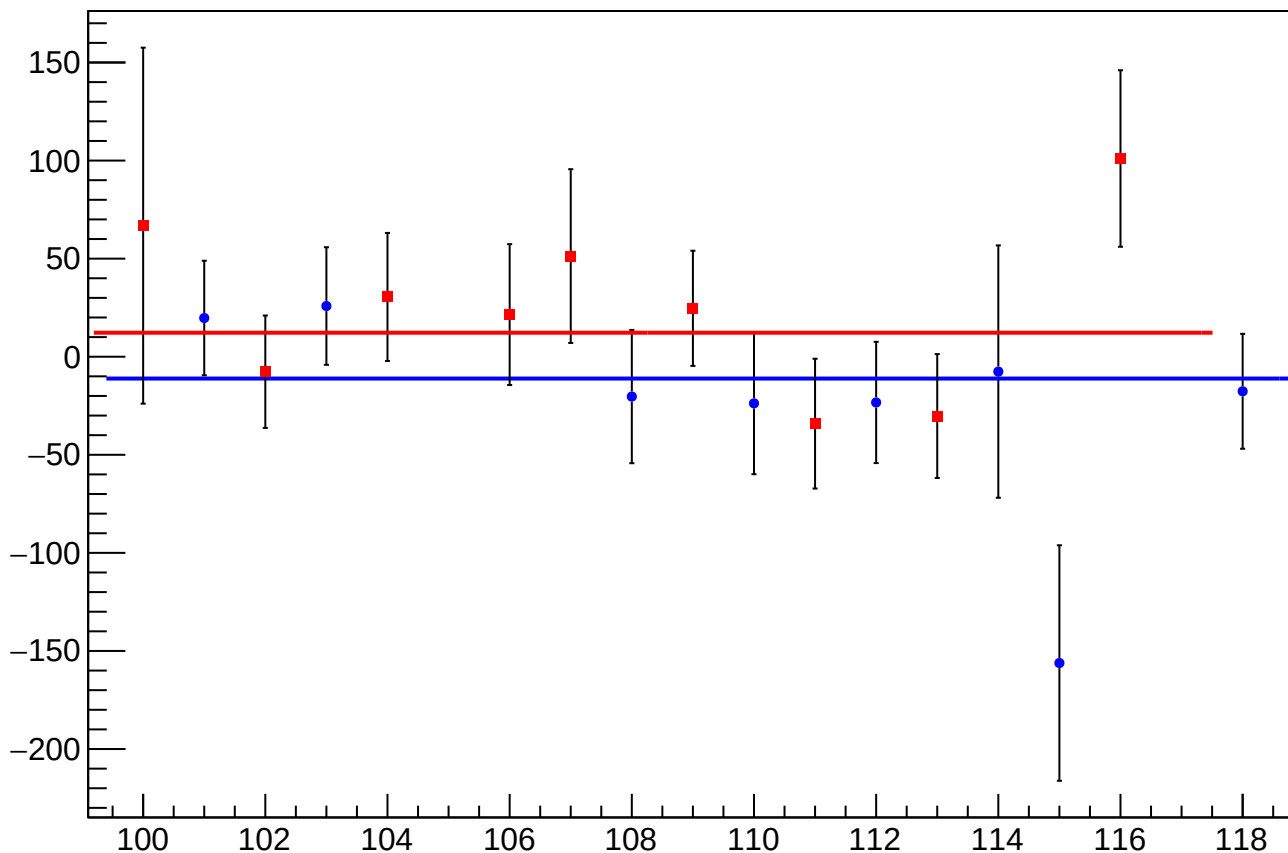
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.143+/-0.005 χ^2/NDF : 53108.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: -11.128 $\pm$ 12.264 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.236 $\pm$ 11.839 χ^2 /NDF: 9.8/8

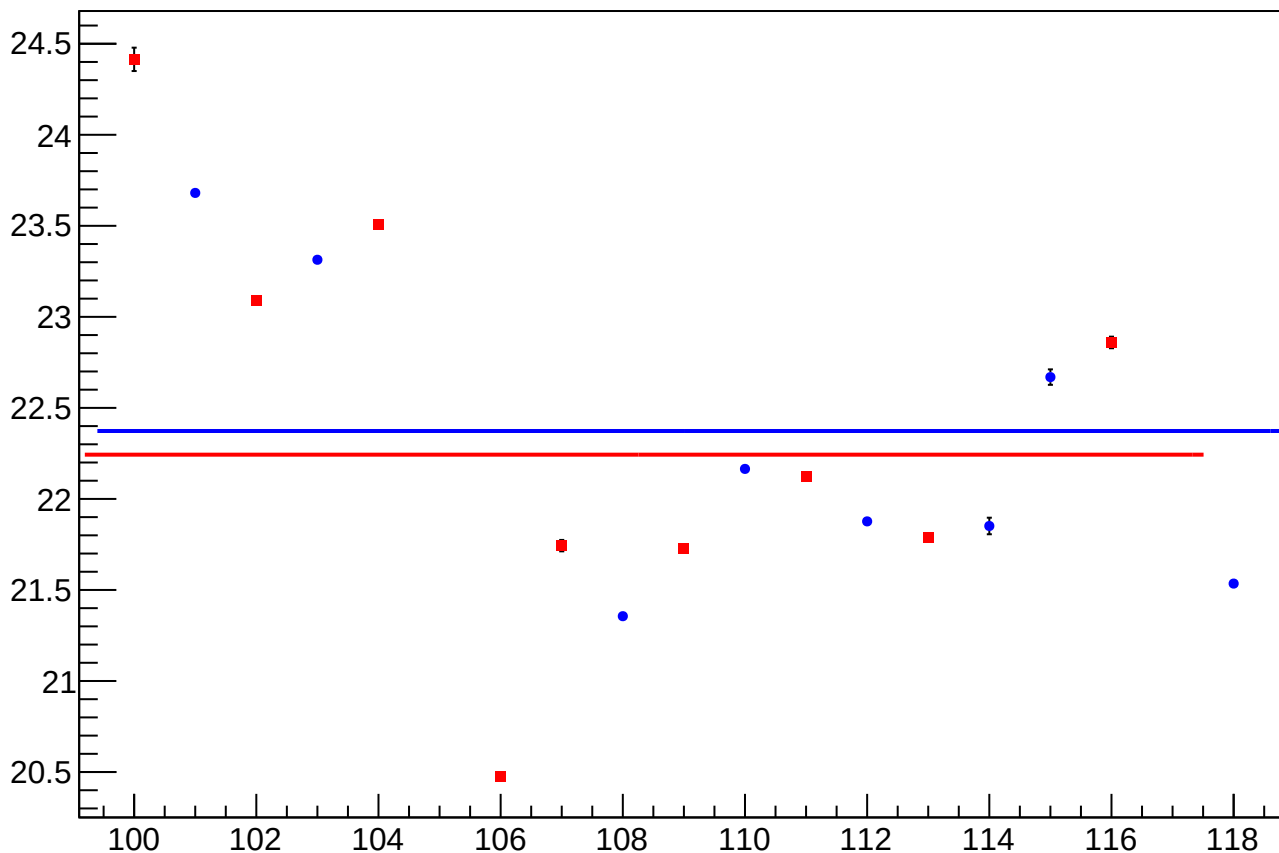
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.966 $\pm$ 8.518 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



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: 22.243+/-0.008 χ^2/NDF : 12436.2/8

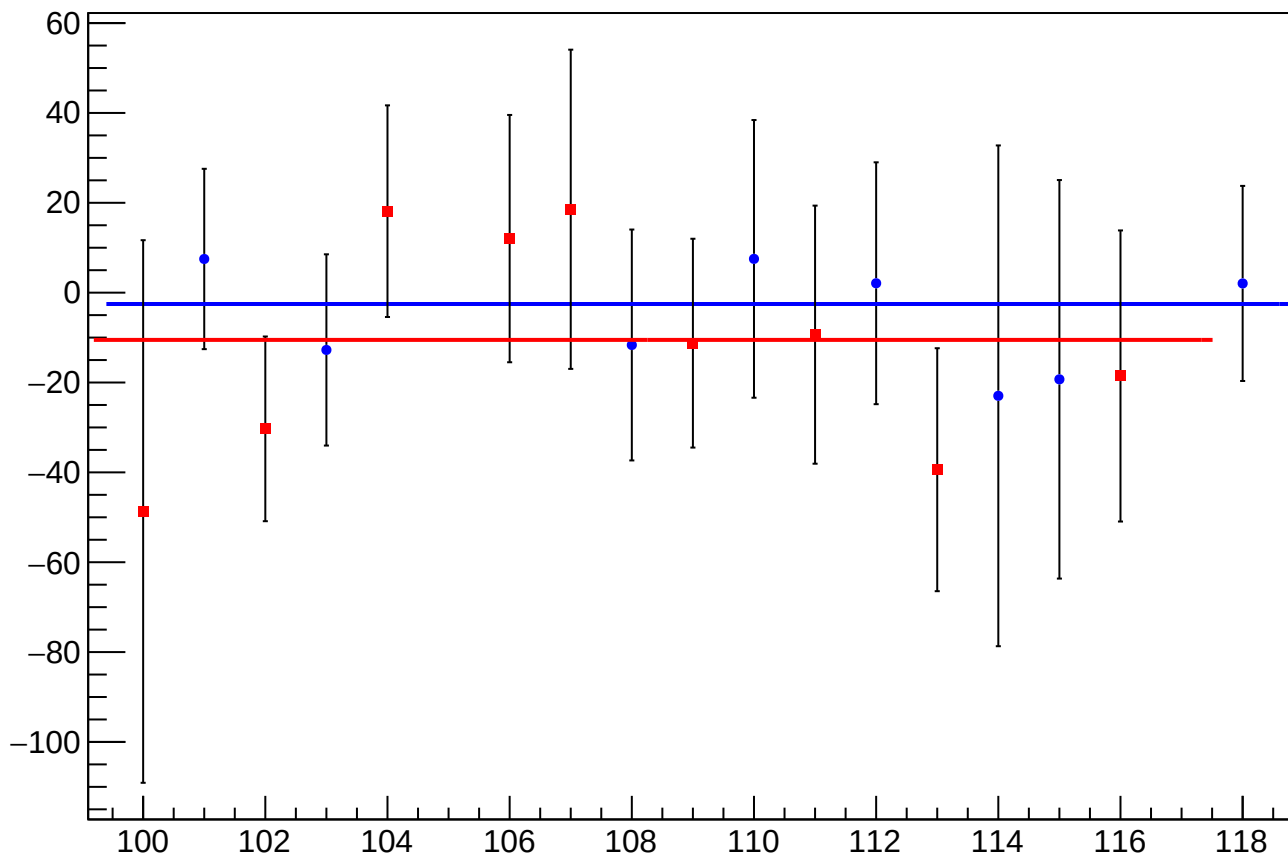
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.306+/-0.006 χ^2/NDF : 22723.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



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: -10.515+/-9.152 χ^2/NDF : 5.4/8

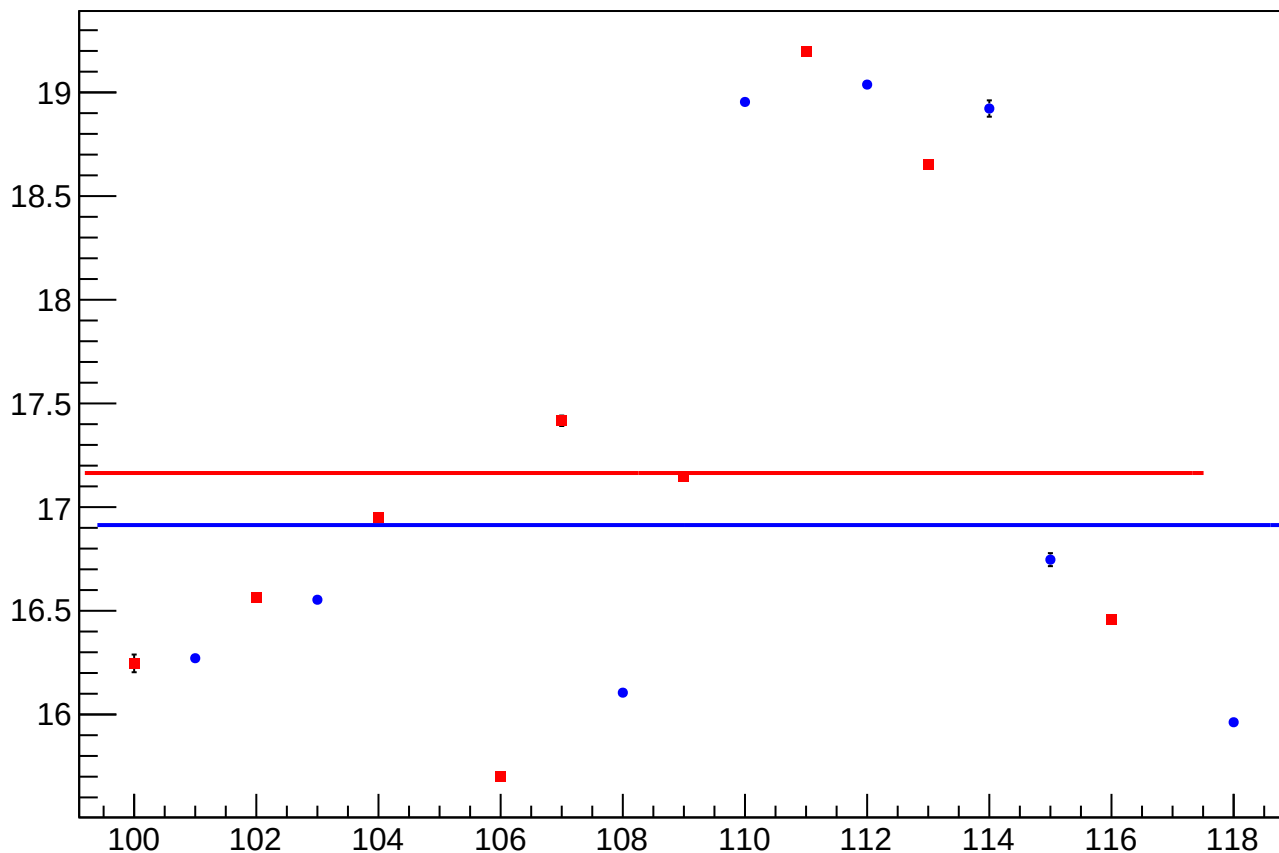
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.581+/-6.520 χ^2/NDF : 6.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



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: 17.164+/-0.006 χ^2/NDF : 25084.1/8

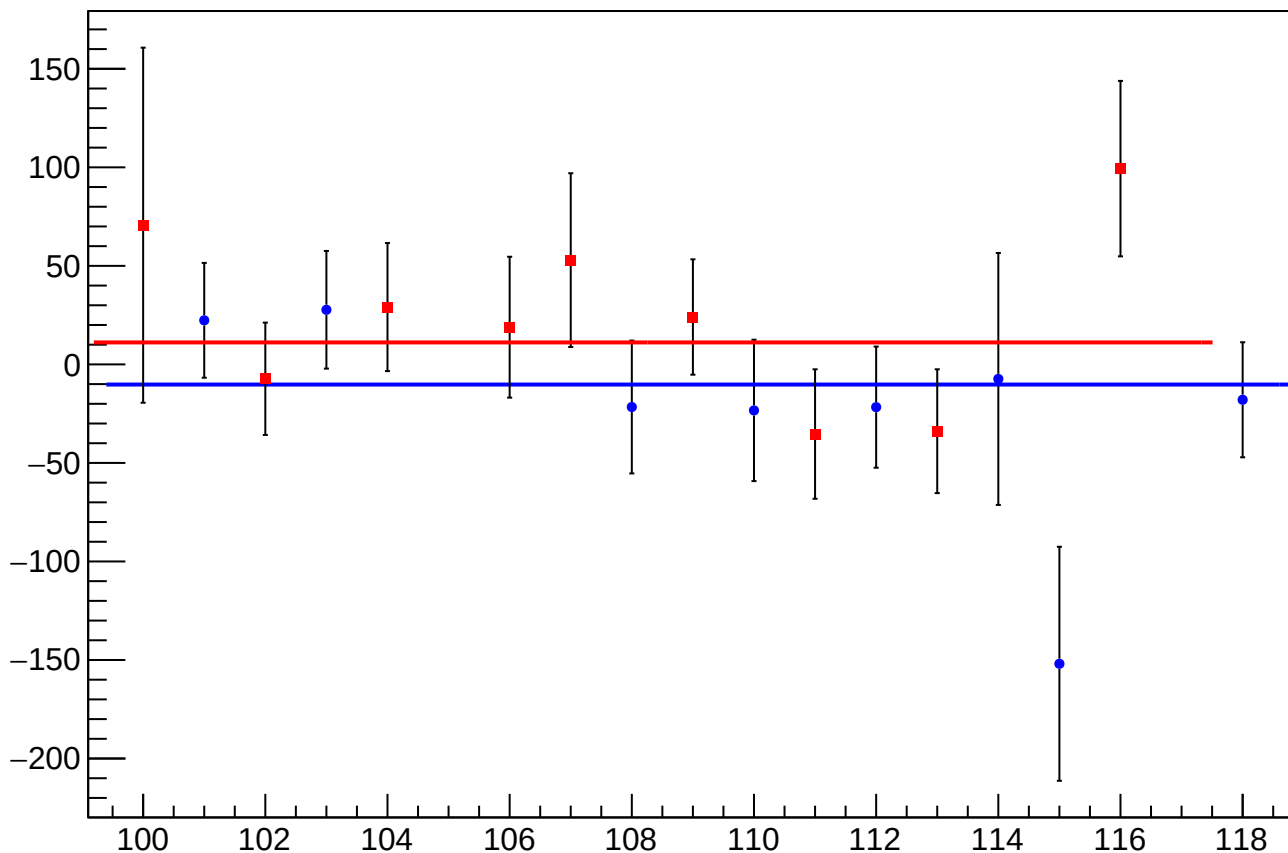
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.041+/-0.005 χ^2/NDF : 58063.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



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: 11.148+/-11.777 χ^2/NDF : 10.3/8

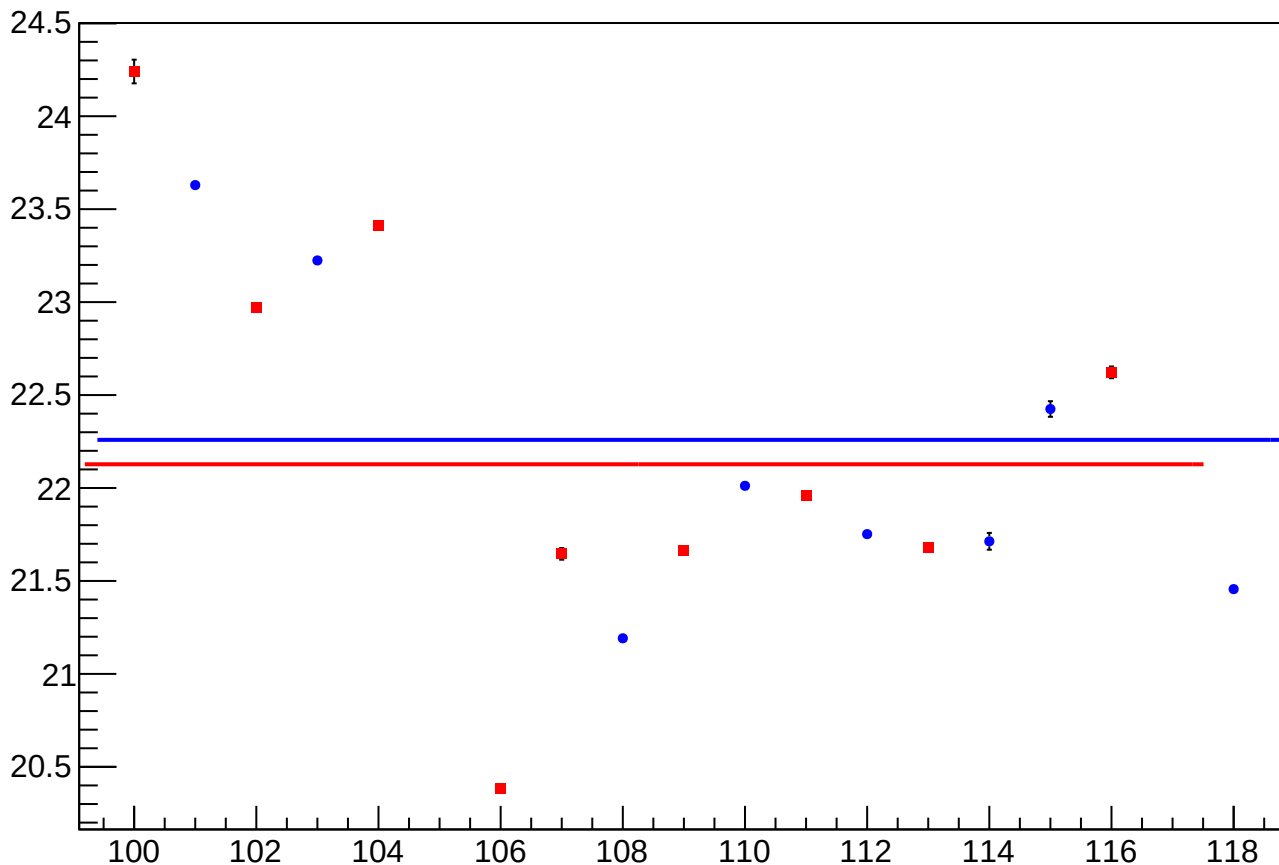
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.841+/-8.474 χ^2/NDF : 20.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.259 $\pm$ 0.009 χ^2 /NDF: 10833.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.128 $\pm$ 0.008 χ^2 /NDF: 12188.4/8

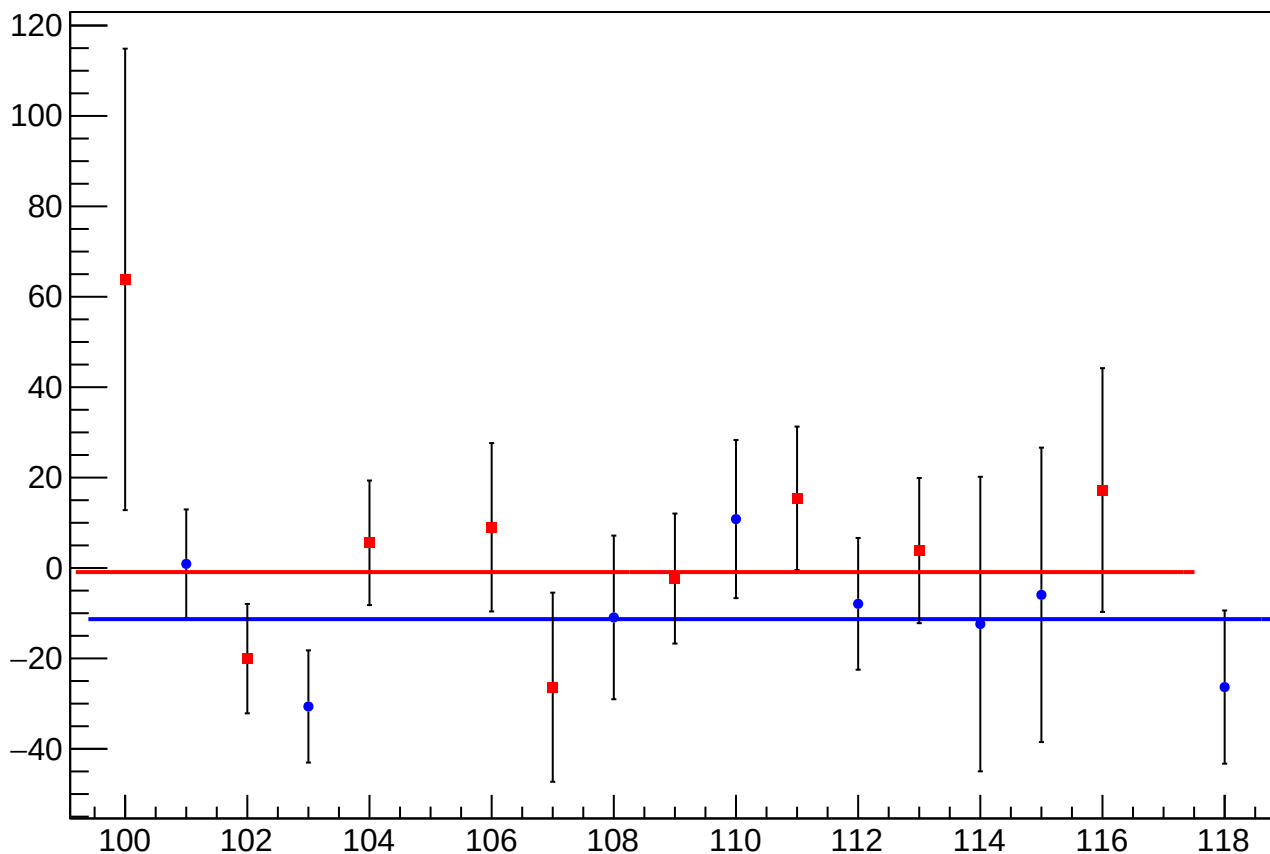
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.191 $\pm$ 0.006 χ^2 /NDF: 23141.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



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: -0.901 $\pm$ 5.615 χ^2 /NDF: 7.7/8

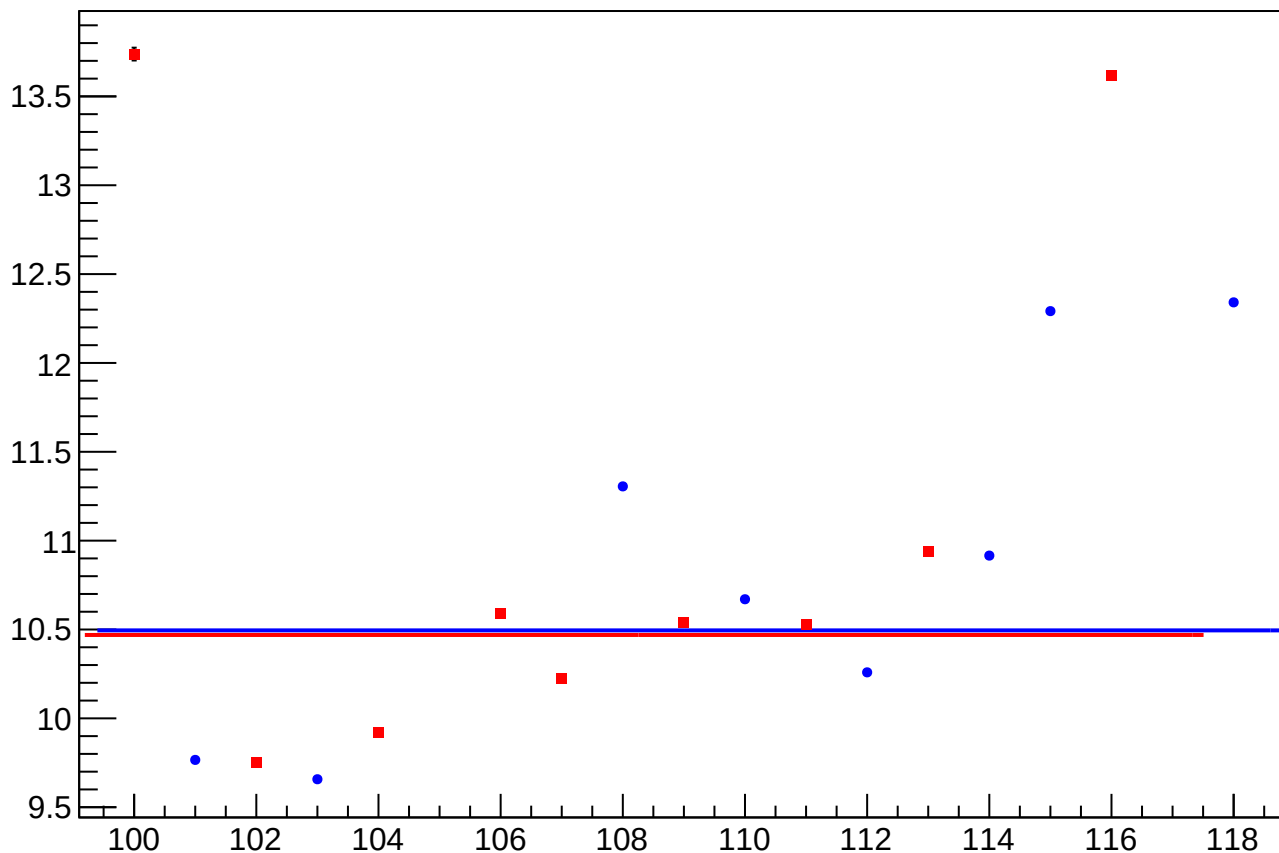
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.940 $\pm$ 4.033 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



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: 10.469+/-0.004 χ^2/NDF : 47854.6/8

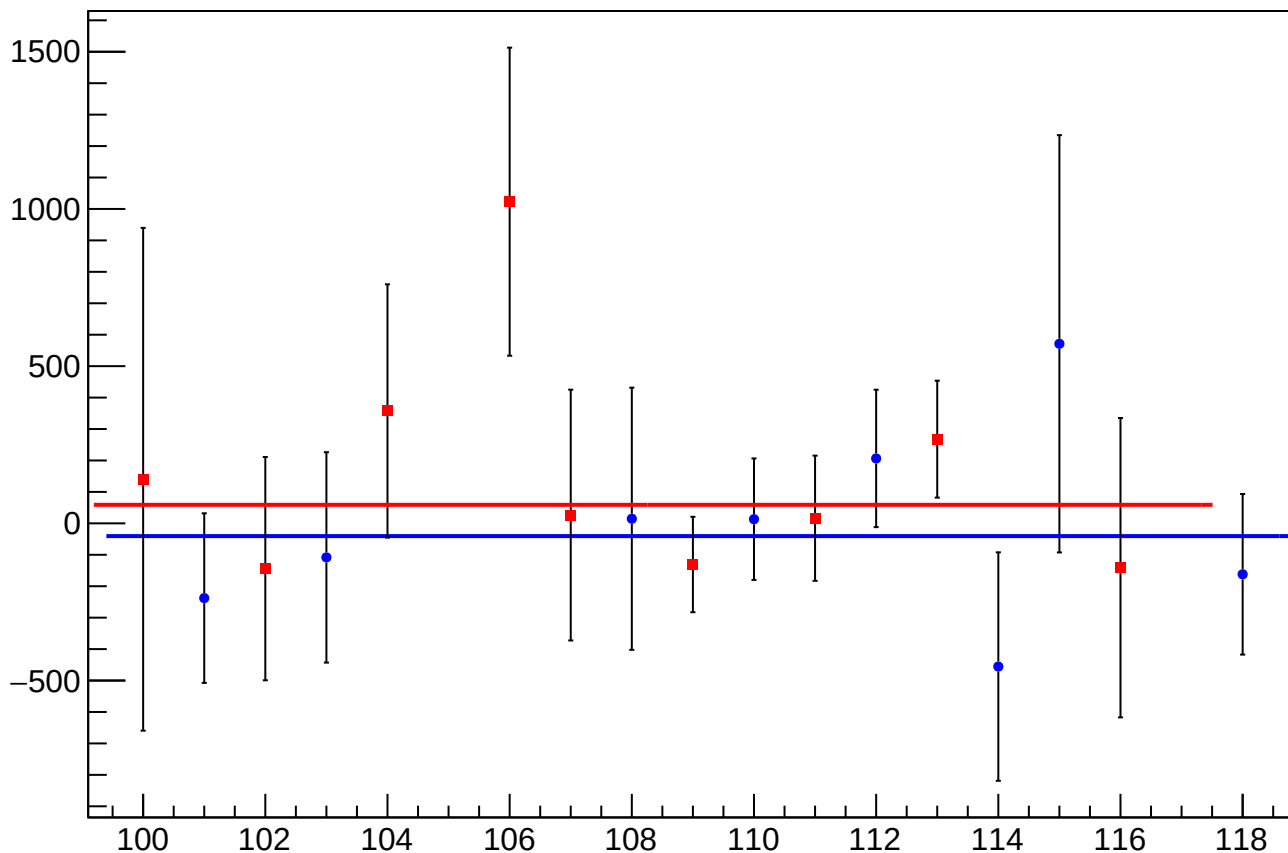
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.482+/-0.003 χ^2/NDF : 99185.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



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: 58.921+/-88.352 χ^2/NDF : 7.8/8

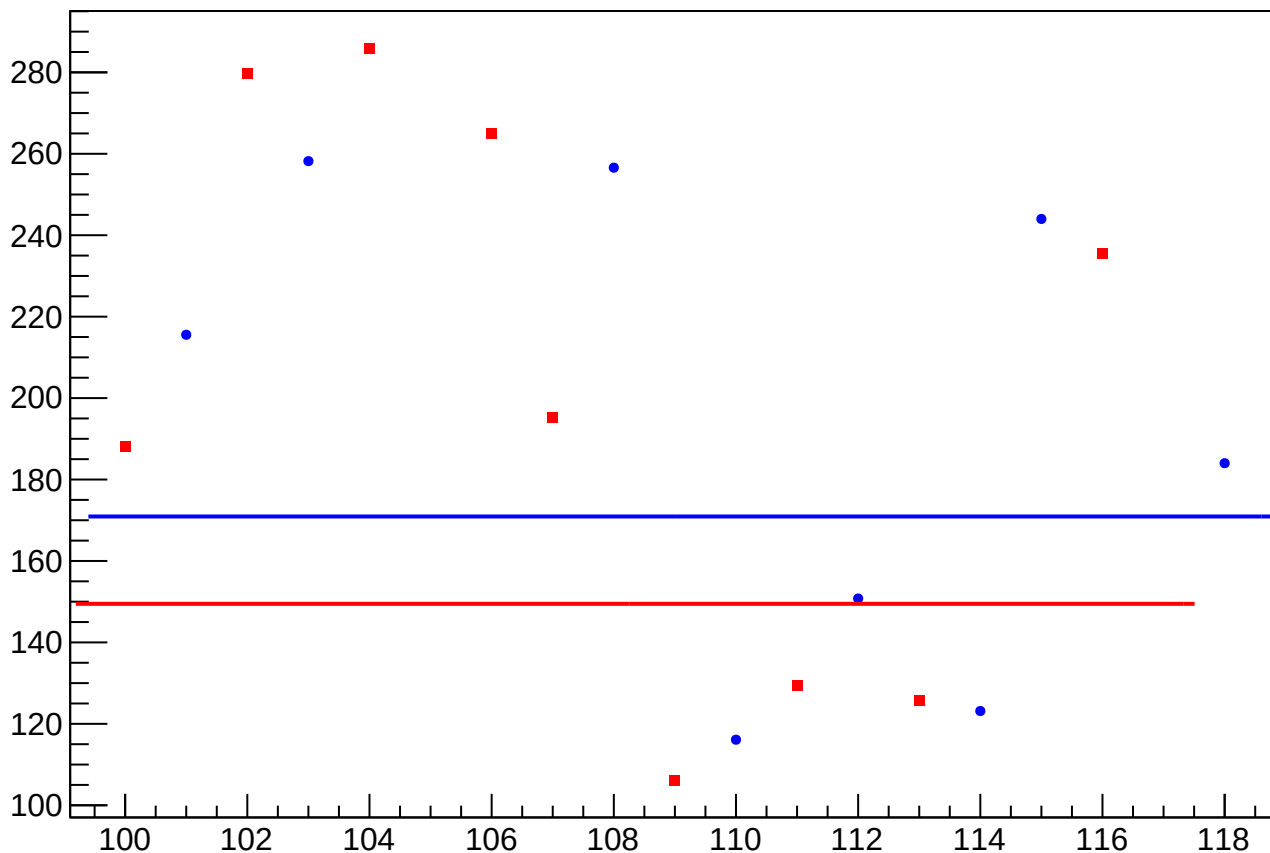
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.980+/-66.020 χ^2/NDF : 12.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



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: 149.478+/-0.062 χ^2/NDF : 921900.7/8

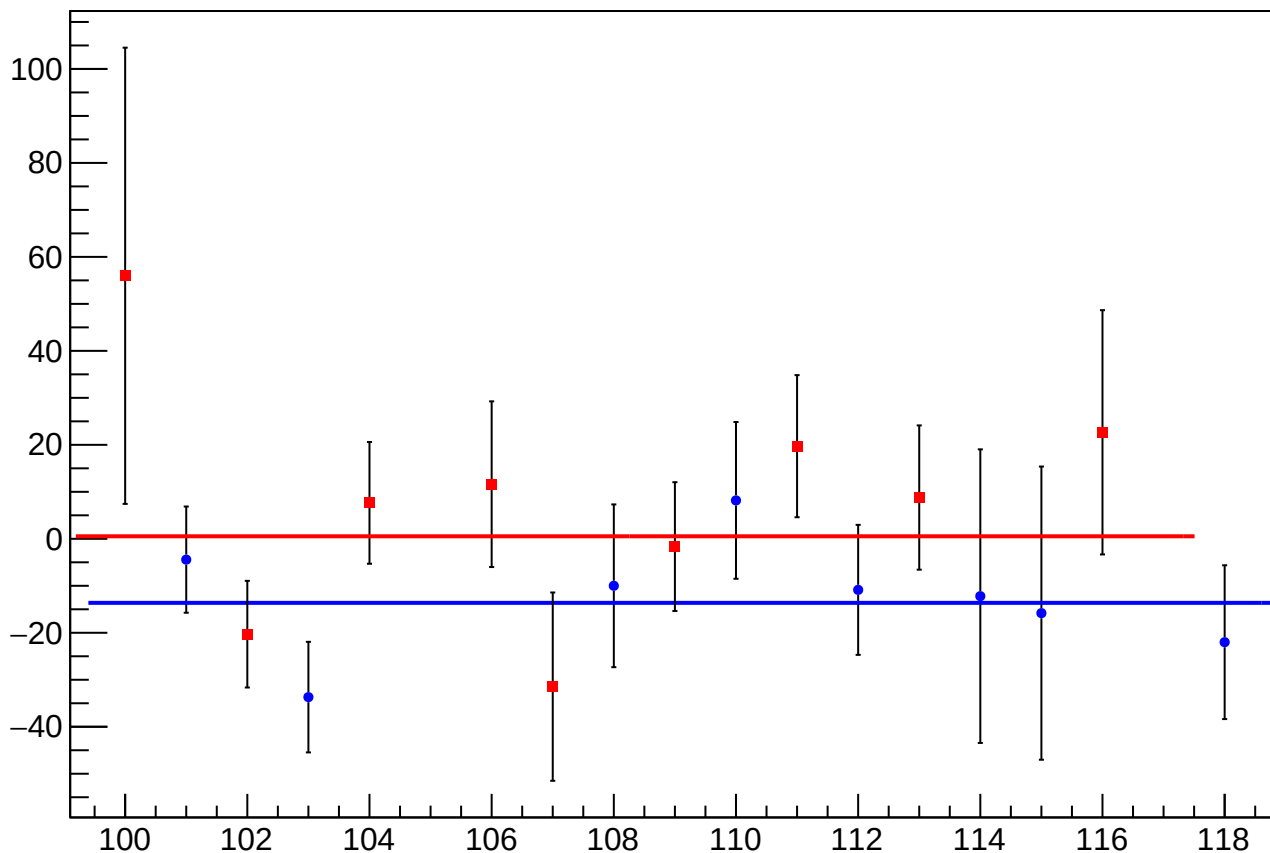
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.950+/-0.047 χ^2/NDF : 1491216.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



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: 0.538 $\pm$ 5.324 χ^2 /NDF: 10.6/8

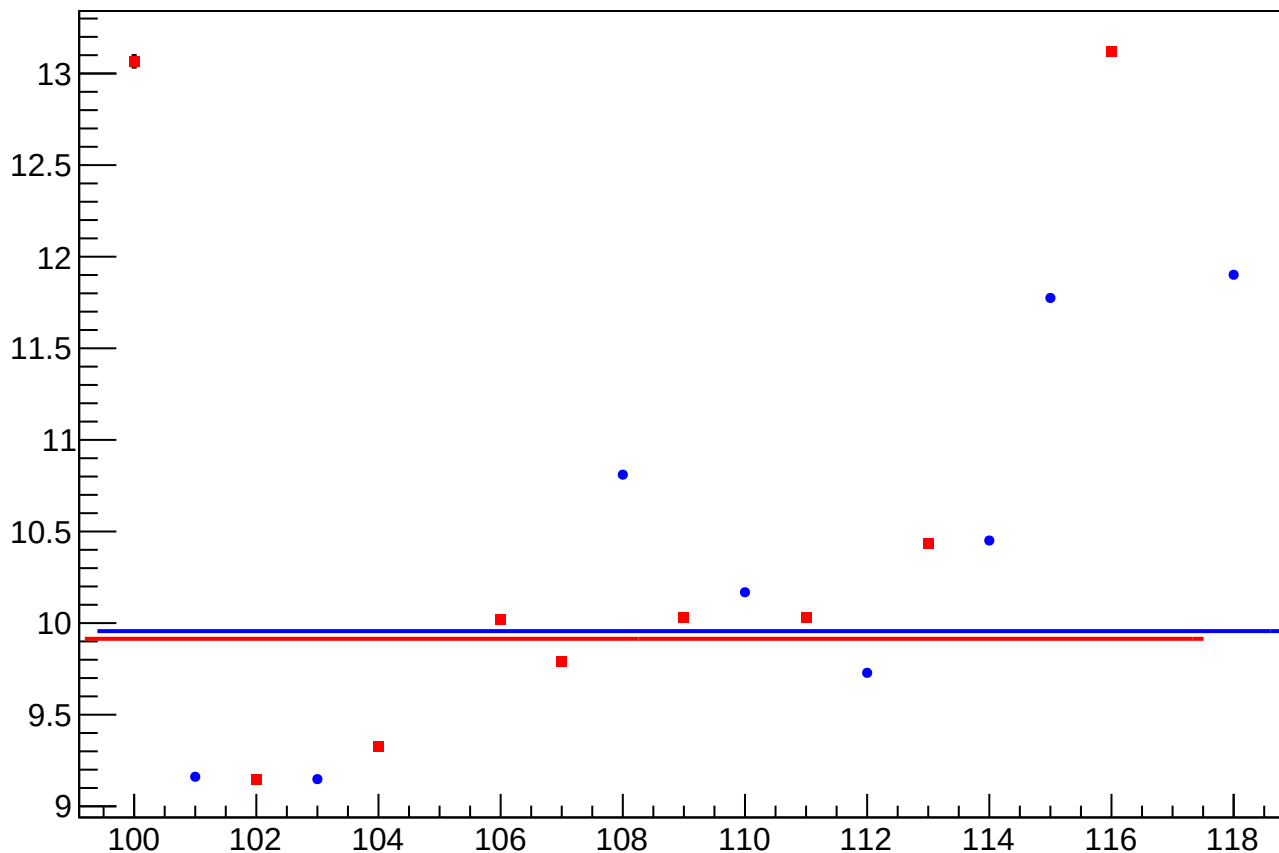
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.309 $\pm$ 3.827 χ^2 /NDF: 19.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



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: 9.914+/-0.004 χ^2/NDF : 54853.3/8

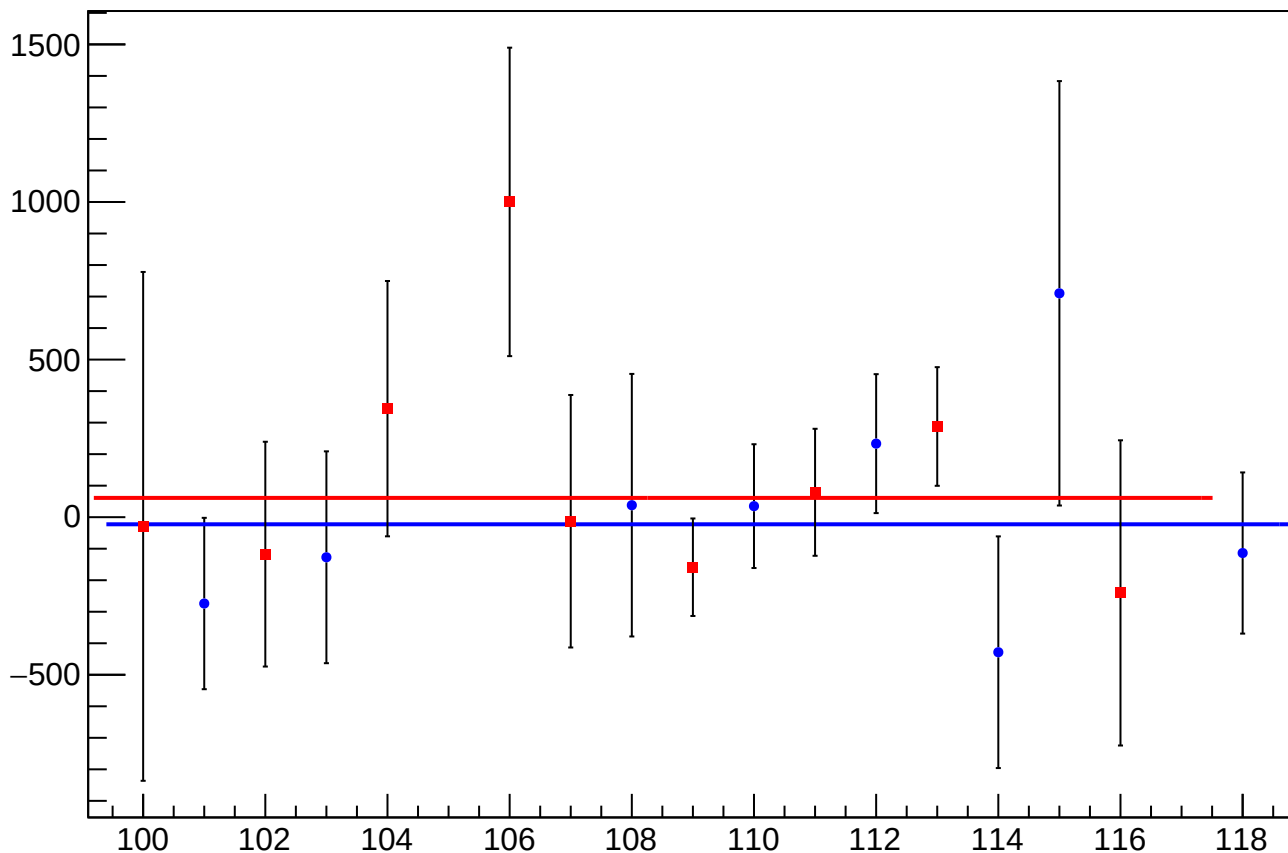
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.935+/-0.003 χ^2/NDF : 115516.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



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: 61.190+/-89.503 χ^2/NDF : 8.3/8

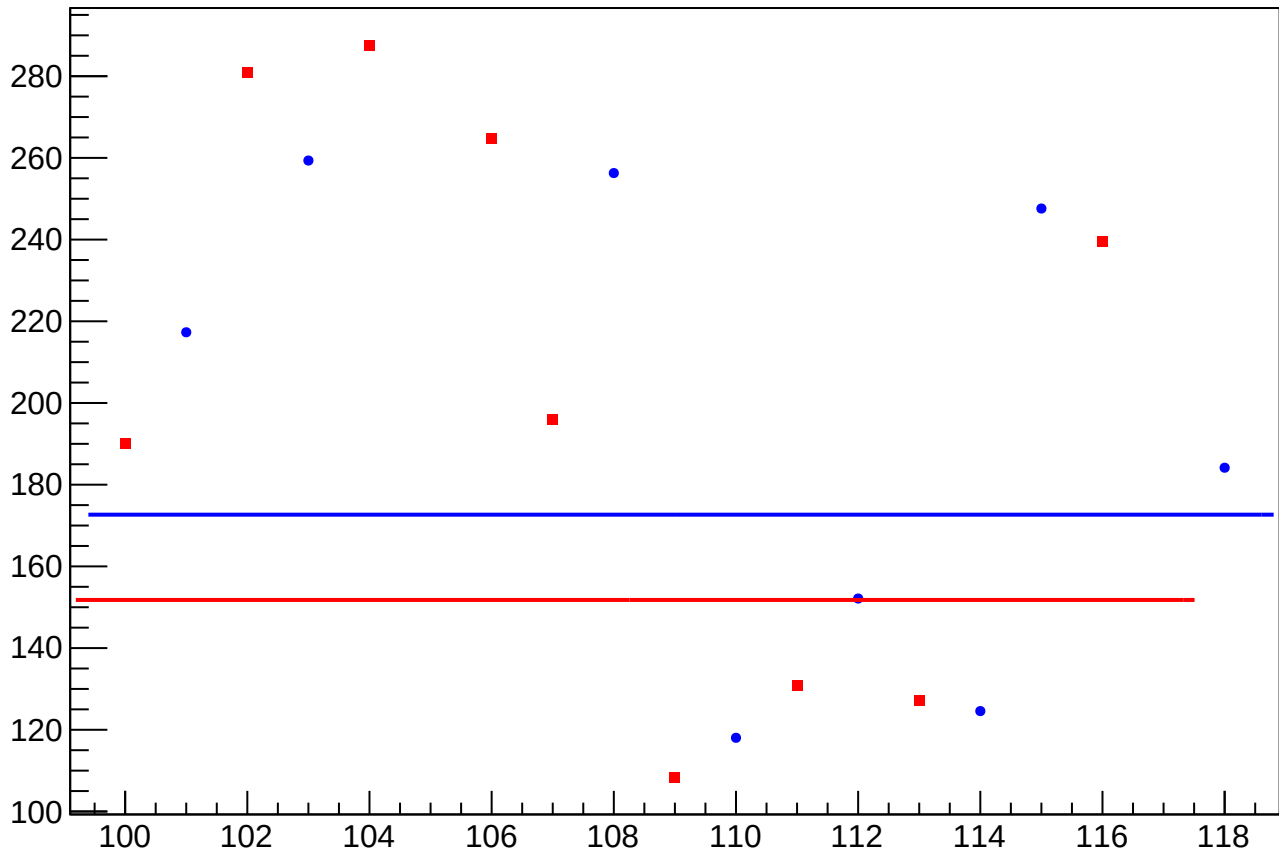
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.036+/-66.754 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



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: 151.784+/-0.063 χ^2/NDF : 900859.0/8

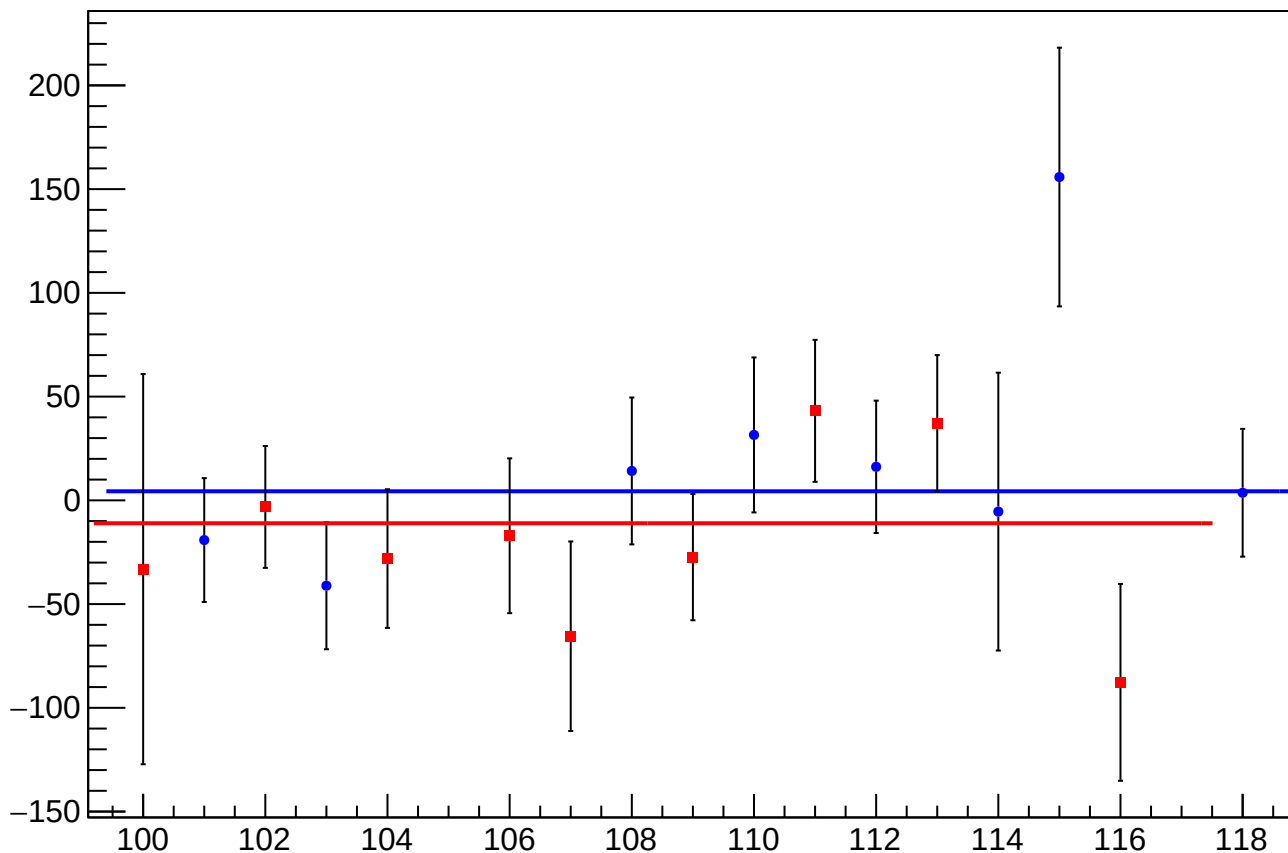
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 161.047+/-0.047 χ^2/NDF : 1451977.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: 4.370 $\pm$ 12.679 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.040 $\pm$ 12.245 χ^2 /NDF: 9.4/8

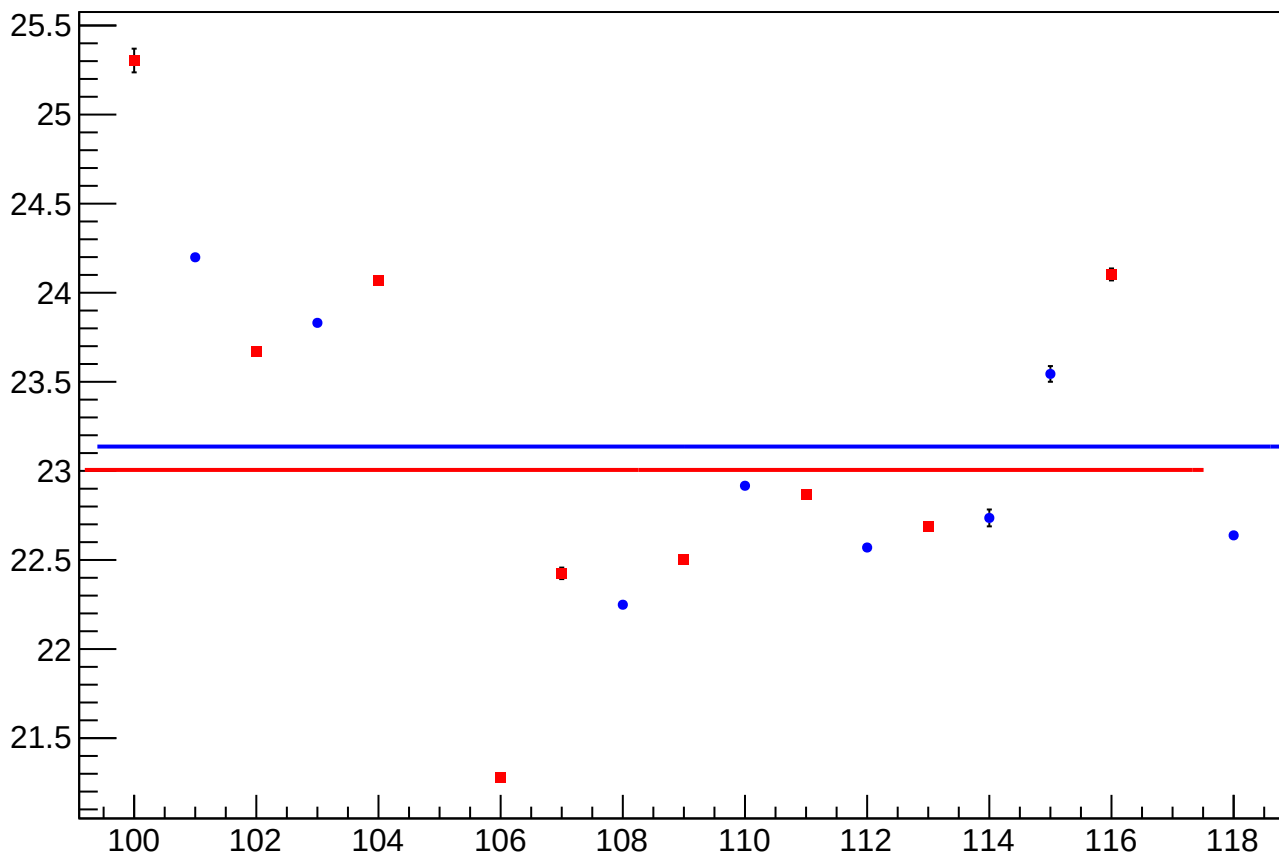
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.604 $\pm$ 8.808 χ^2 /NDF: 19.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 23.137 $\pm$ 0.009 χ^2 /NDF: 6201.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.005 $\pm$ 0.009 χ^2 /NDF: 10667.6/8

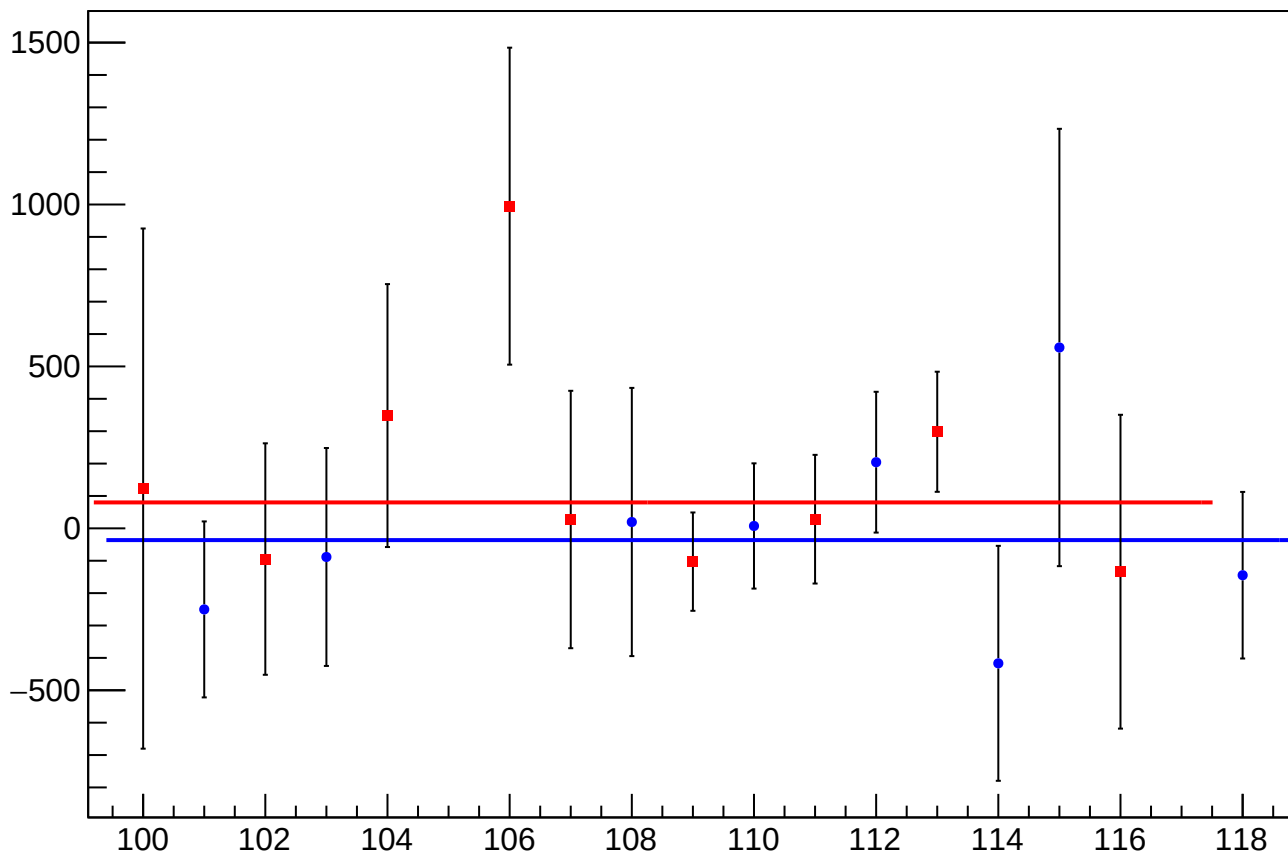
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.069 $\pm$ 0.006 χ^2 /NDF: 16979.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



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: 80.063+/-88.382 χ^2/NDF : 7.3/8

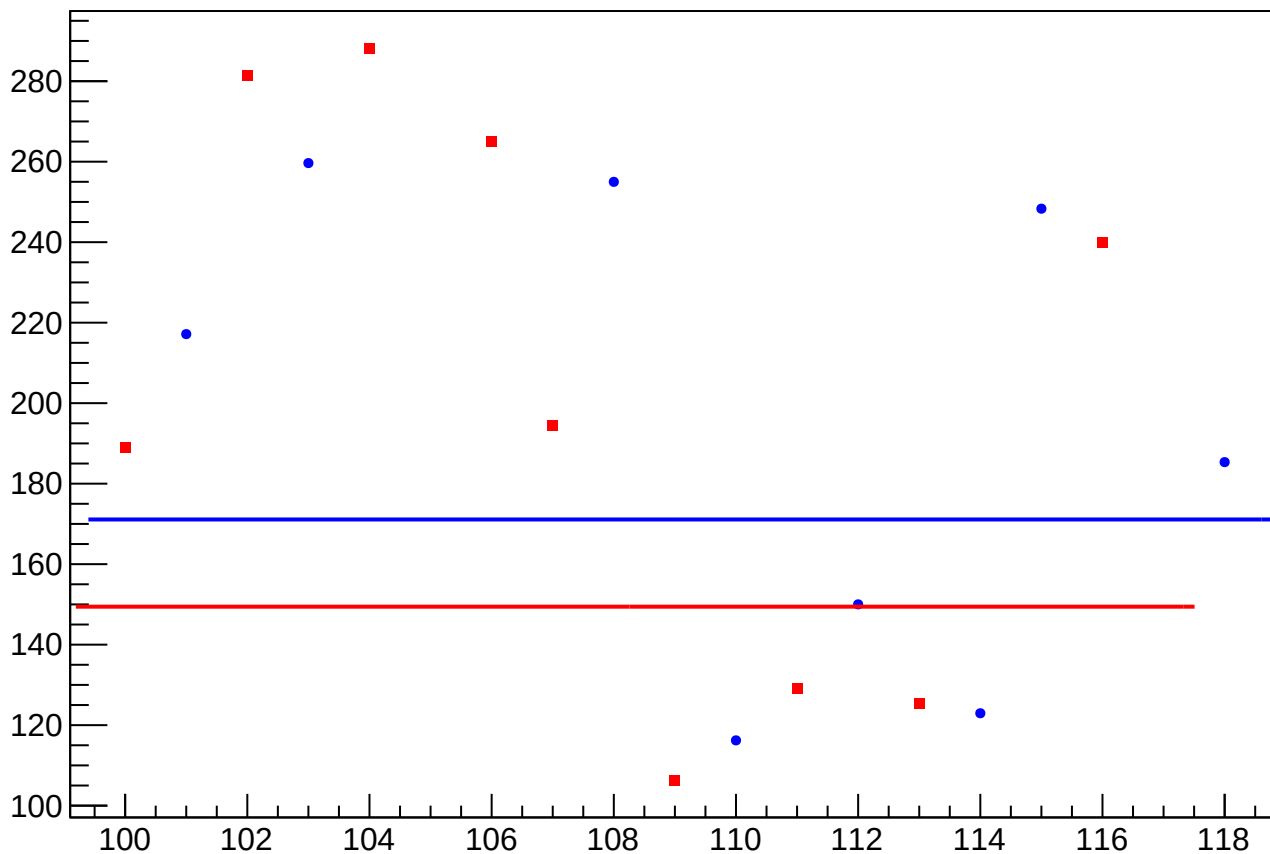
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.752+/-66.075 χ^2/NDF : 12.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



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: 149.437+/-0.062 χ^2/NDF : 934176.6/8

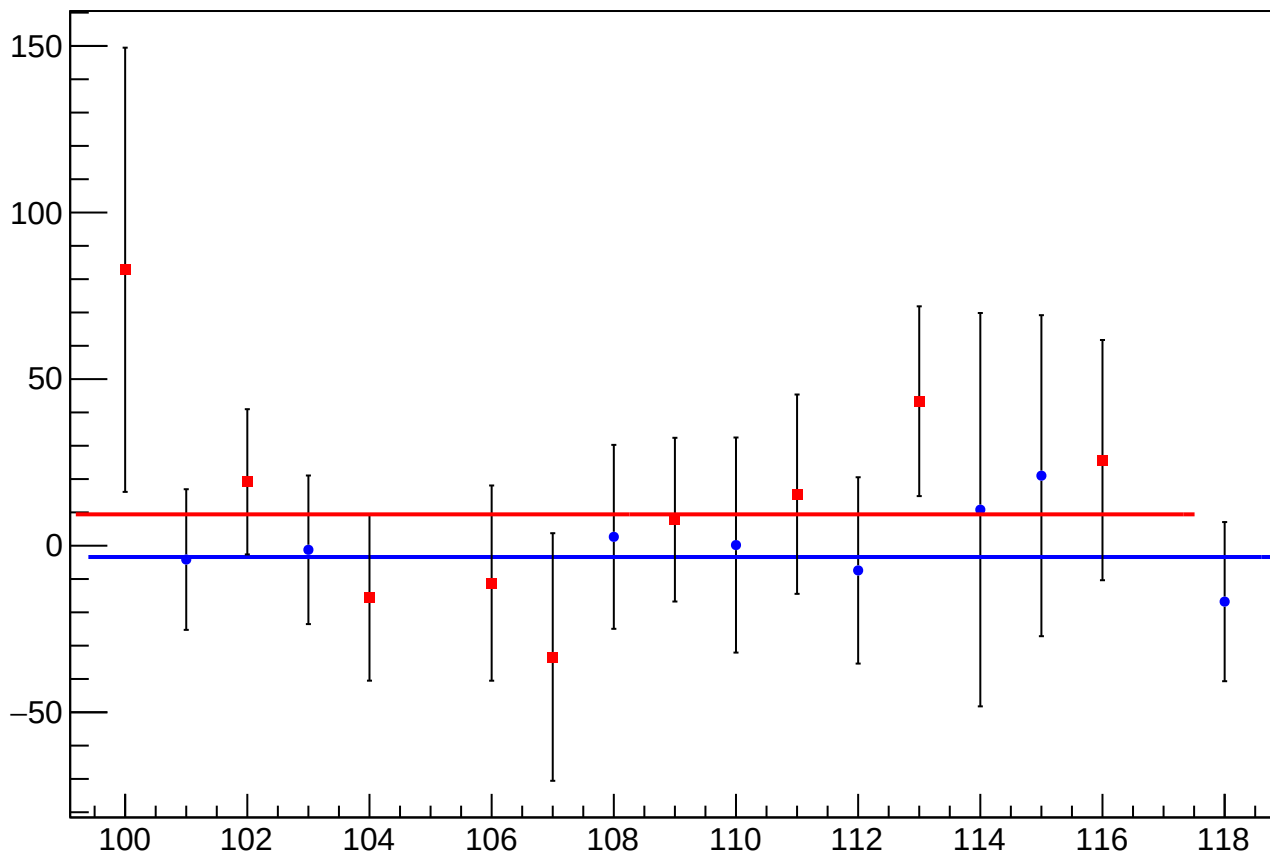
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.993+/-0.047 χ^2/NDF : 1512699.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



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: 9.411+/-9.707 χ^2/NDF : 5.9/8

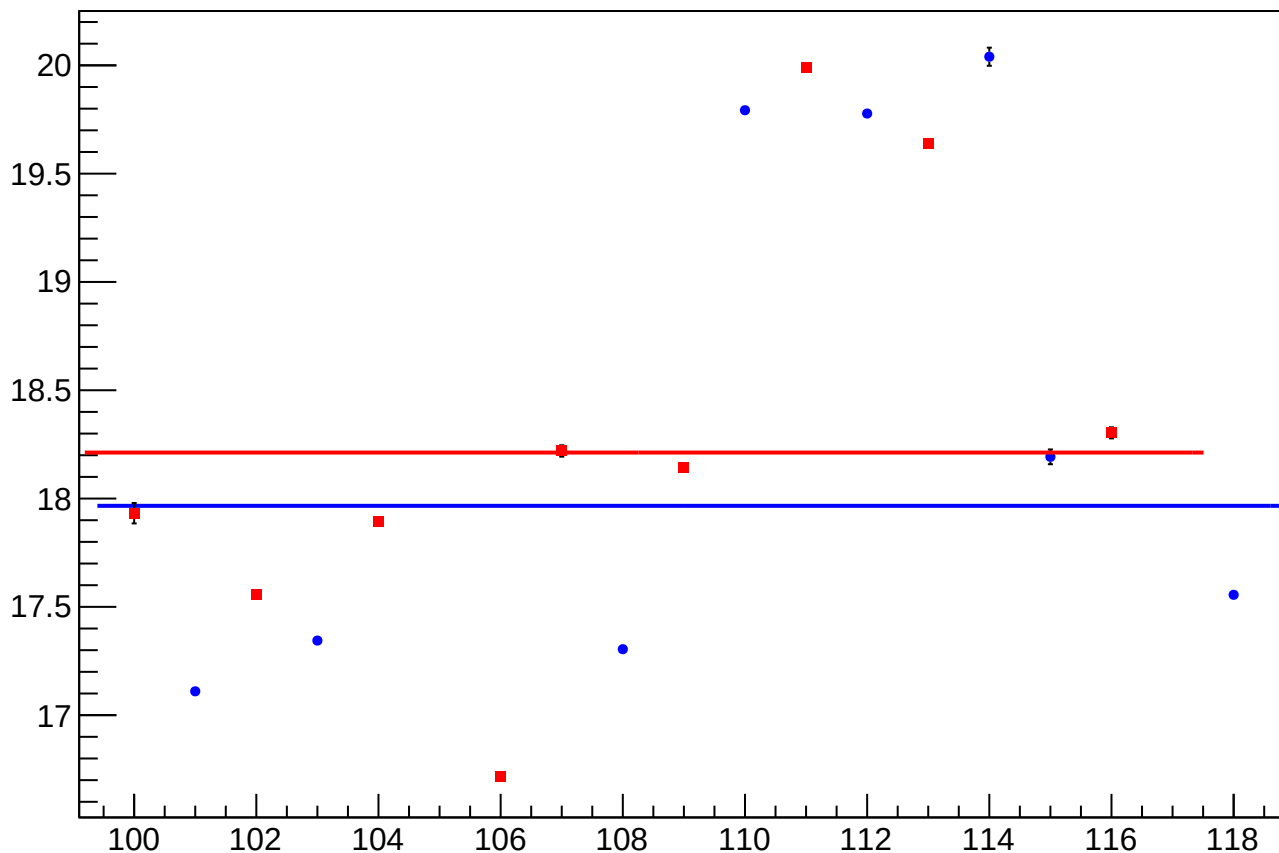
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.112+/-6.919 χ^2/NDF : 7.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



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: 18.212+/-0.007 χ^2/NDF : 19484.0/8

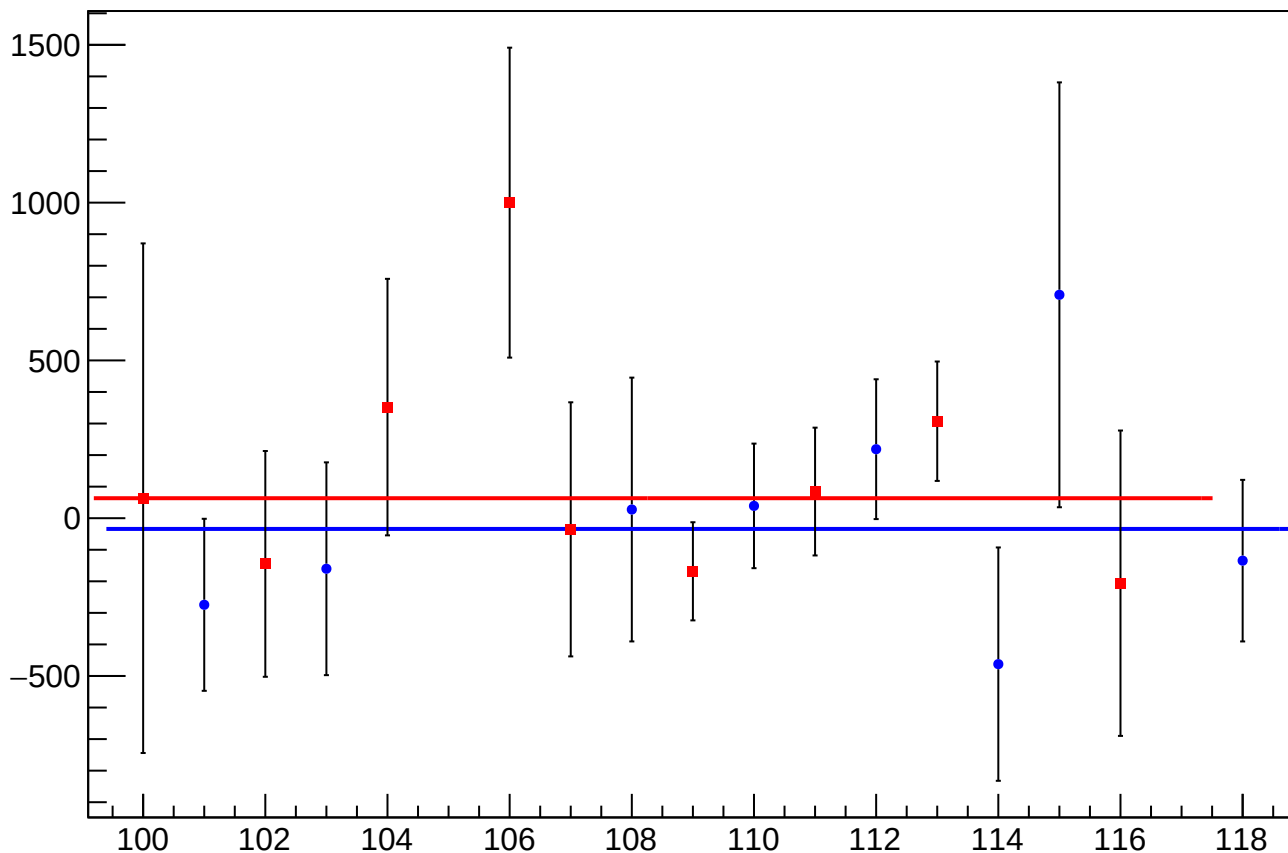
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.091+/-0.005 χ^2/NDF : 44009.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: -34.019+/-100.601 χ^2/NDF : 5.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.336+/-89.924 χ^2/NDF : 8.7/8

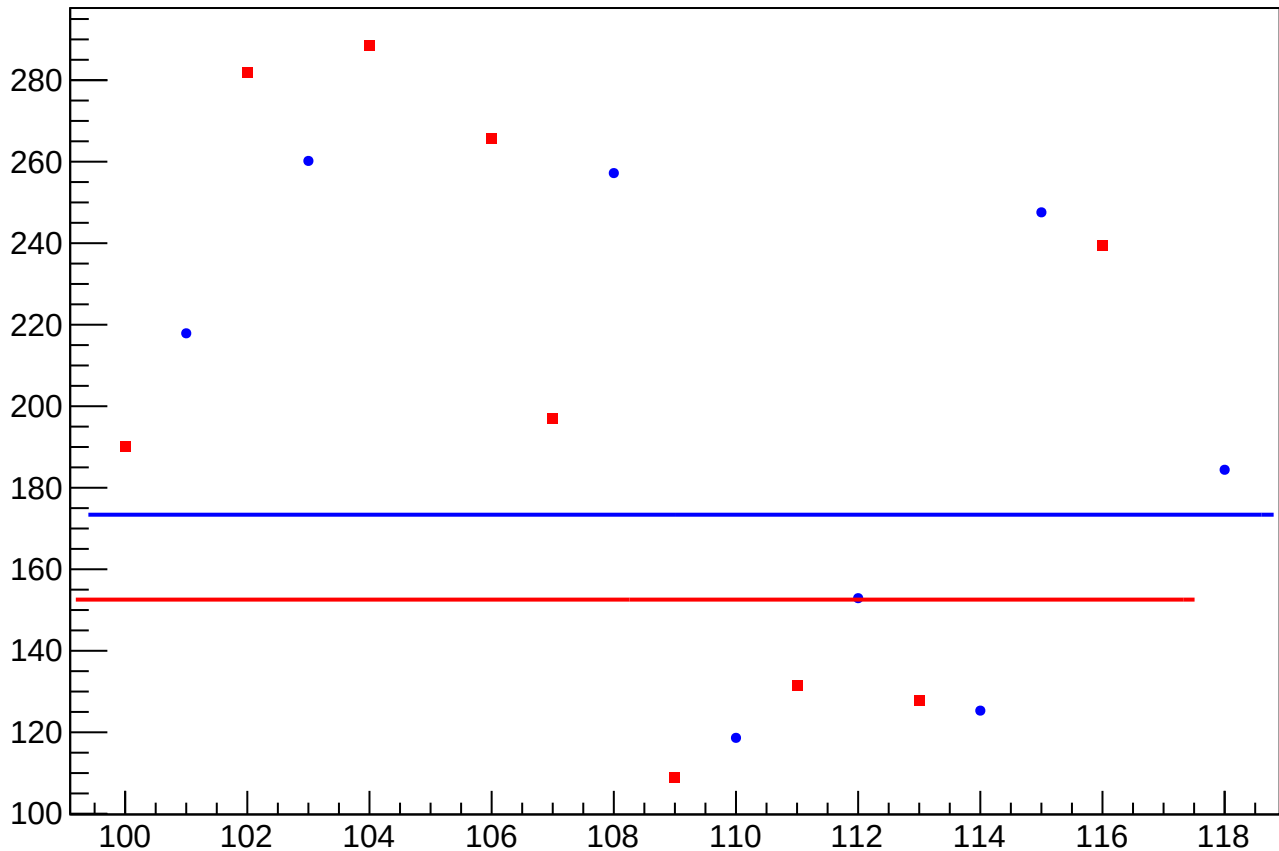
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.097+/-67.044 χ^2/NDF : 14.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 173.387 $\pm$ 0.071 χ^2 /NDF: 499076.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.557 $\pm$ 0.064 χ^2 /NDF: 896536.8/8

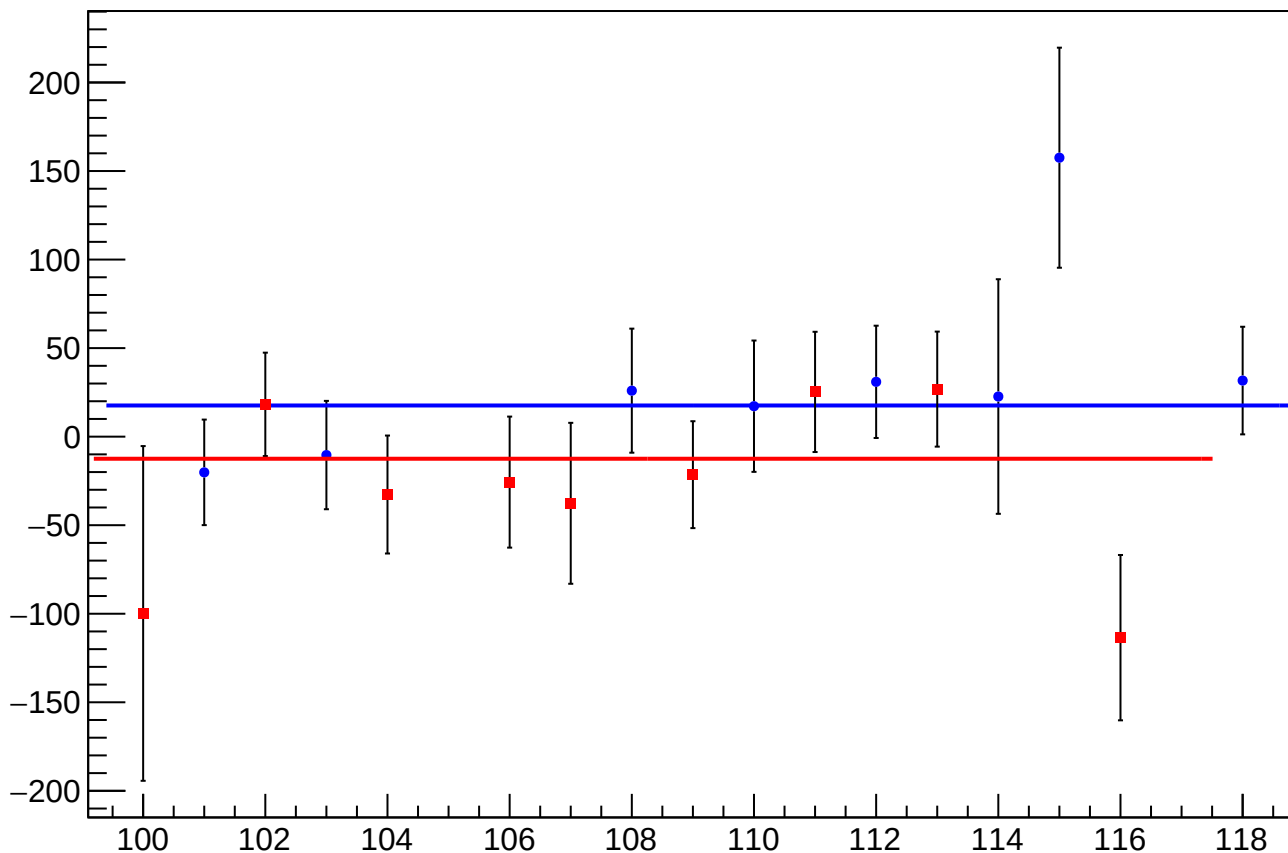
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.809 $\pm$ 0.047 χ^2 /NDF: 1443274.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: 17.600 $\pm$ 12.597 χ^2 /NDF: 8.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.475 $\pm$ 12.150 χ^2 /NDF: 10.2/8

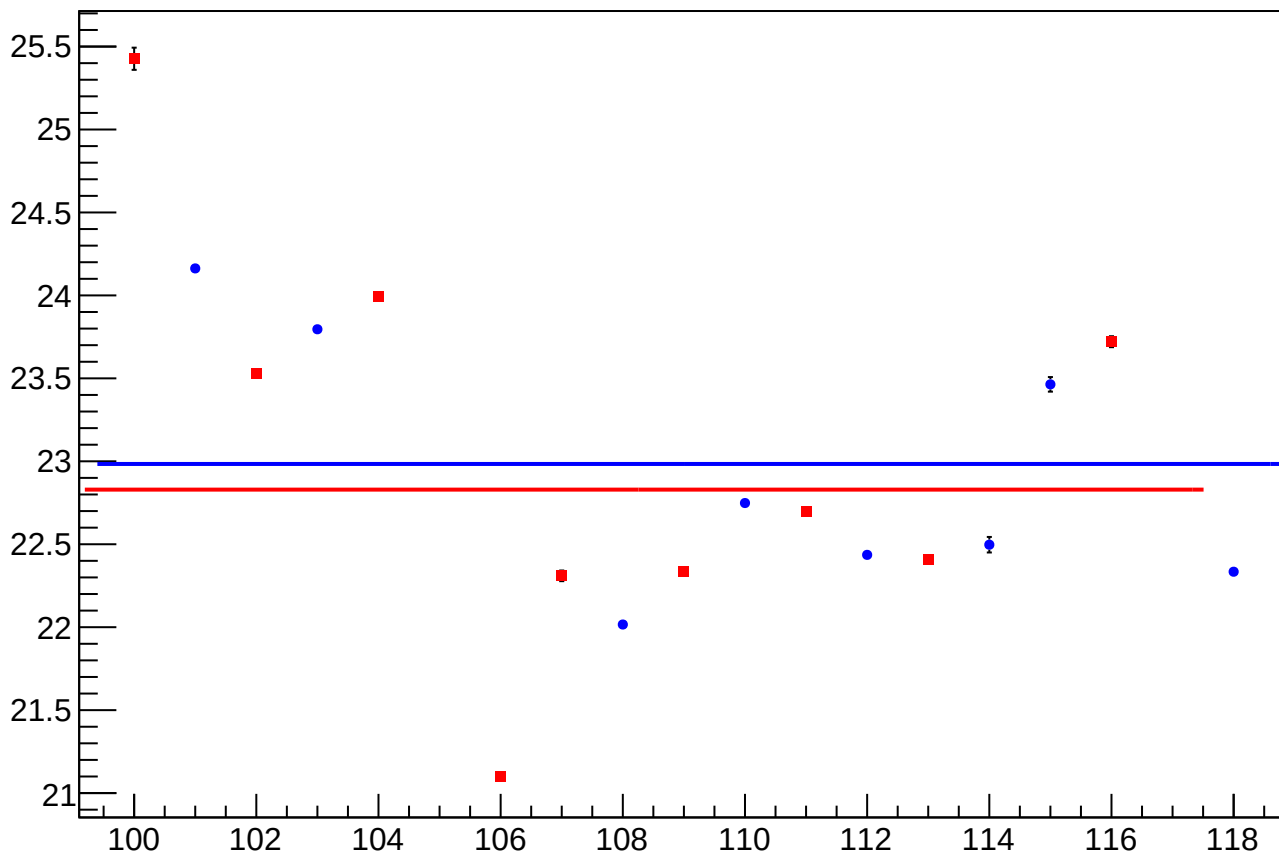
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.020 $\pm$ 8.745 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.984 $\pm$ 0.009 χ^2 /NDF: 7885.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.829 $\pm$ 0.009 χ^2 /NDF: 11365.1/8

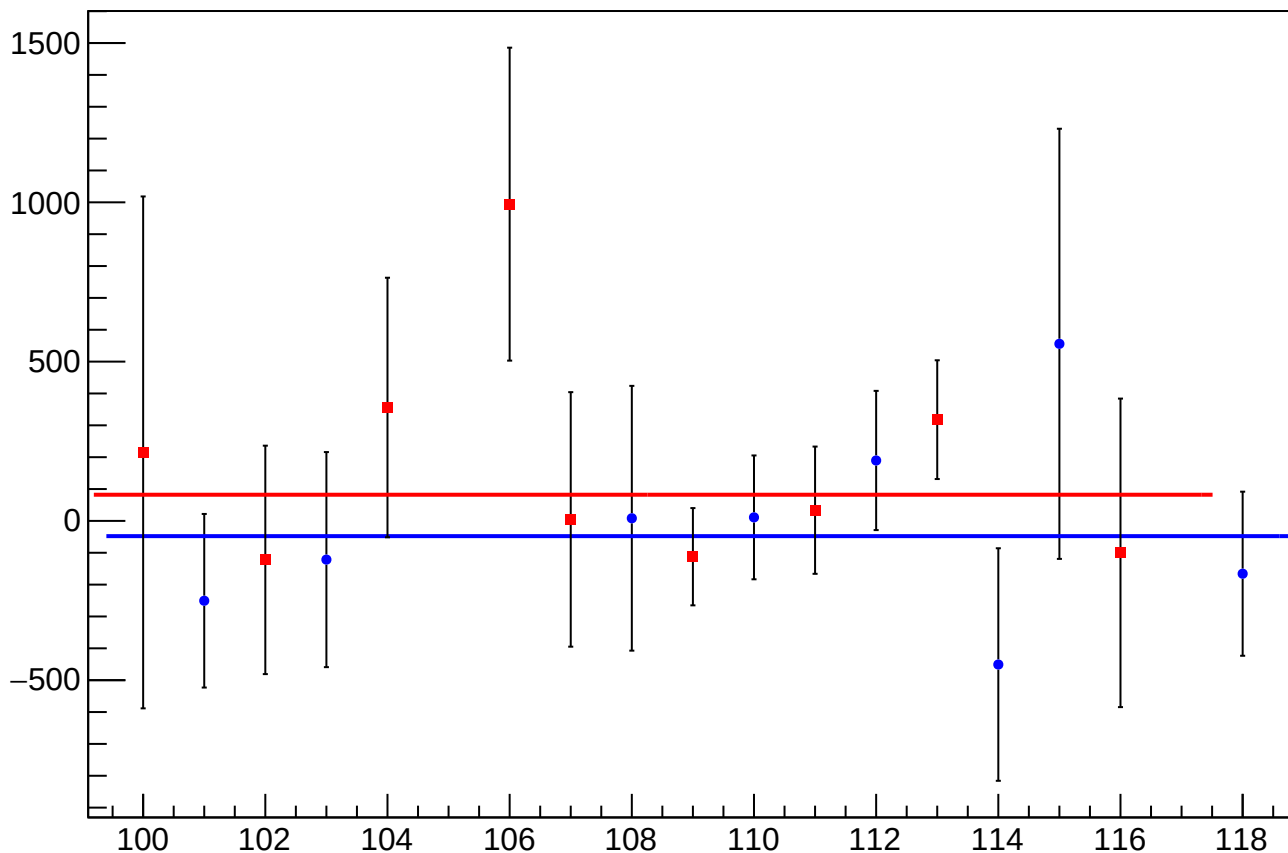
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.904 $\pm$ 0.006 χ^2 /NDF: 19406.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -47.827+/-99.885 χ^2/NDF : 4.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.143+/-88.805 χ^2/NDF : 7.7/8

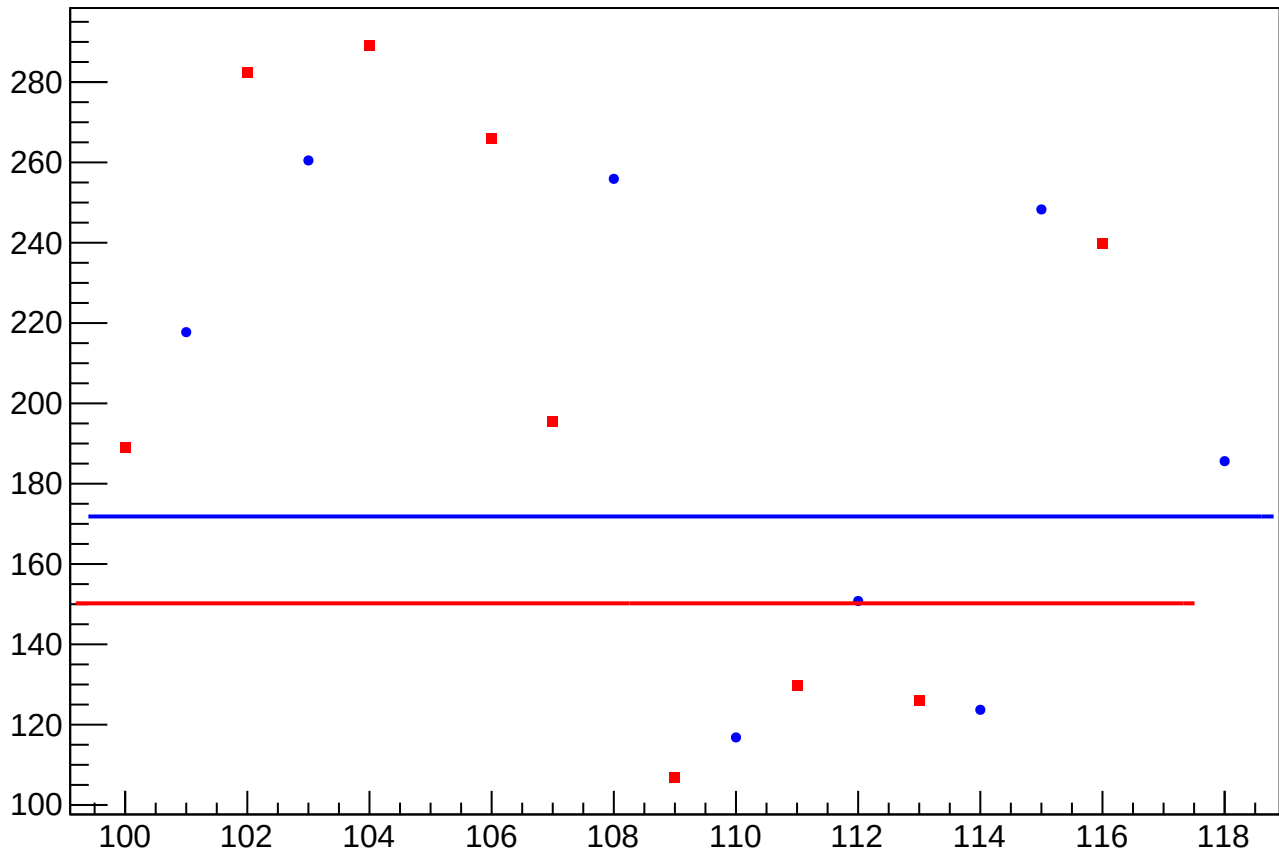
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.763+/-66.368 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 171.839 $\pm$ 0.071 χ^2 /NDF: 521461.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.214 $\pm$ 0.063 χ^2 /NDF: 929622.6/8

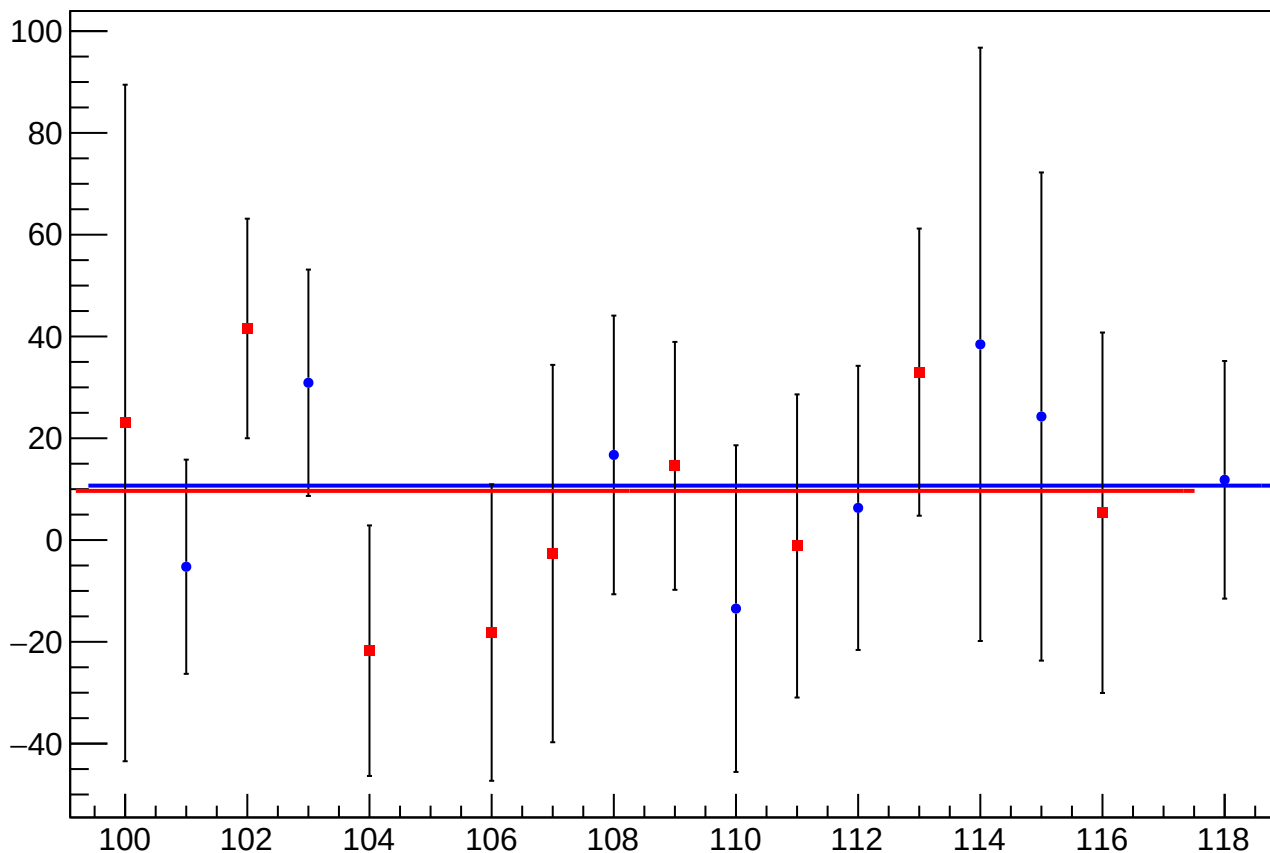
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.761 $\pm$ 0.047 χ^2 /NDF: 1503444.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



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: 9.660+/-9.623 χ^2/NDF : 5.8/8

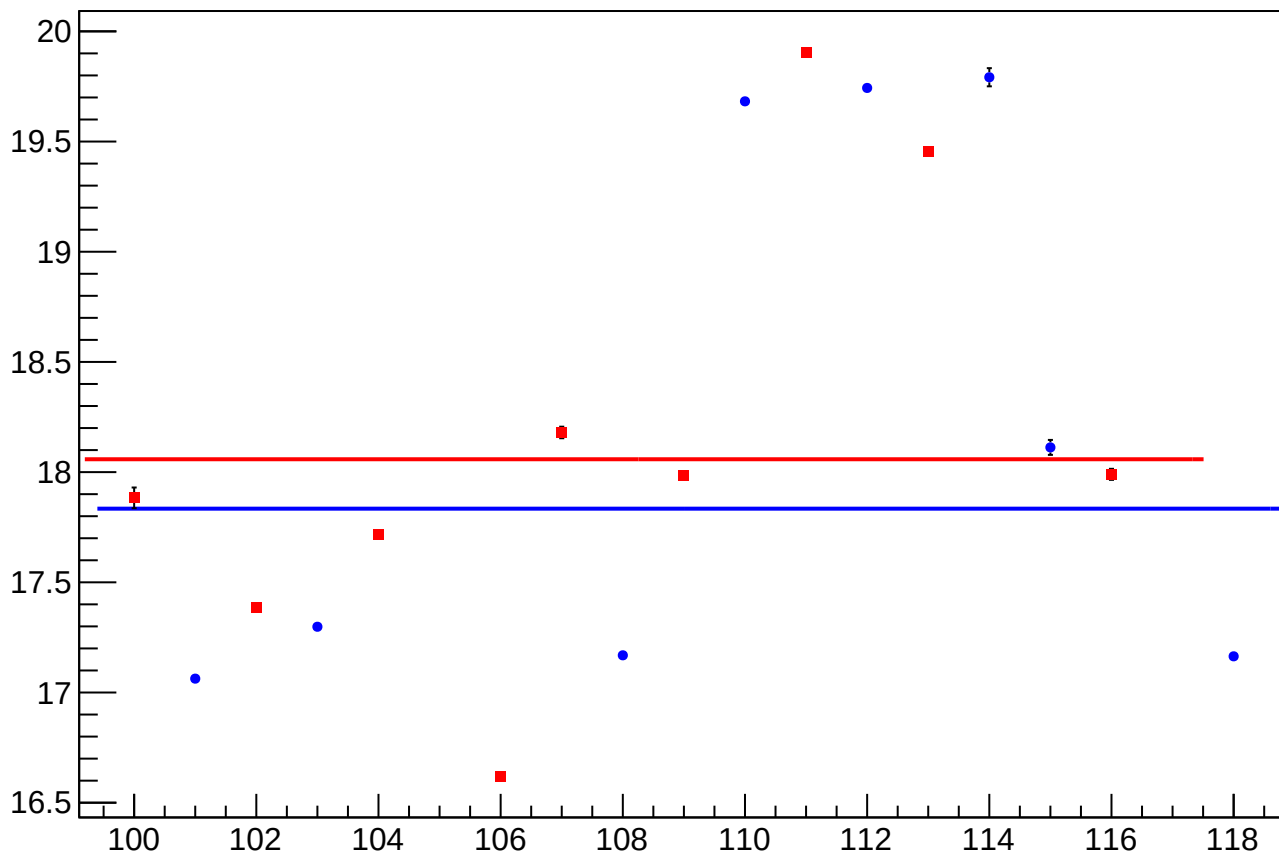
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.168+/-6.863 χ^2/NDF : 8.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



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: 18.058+/-0.007 χ^2/NDF : 19870.0/8

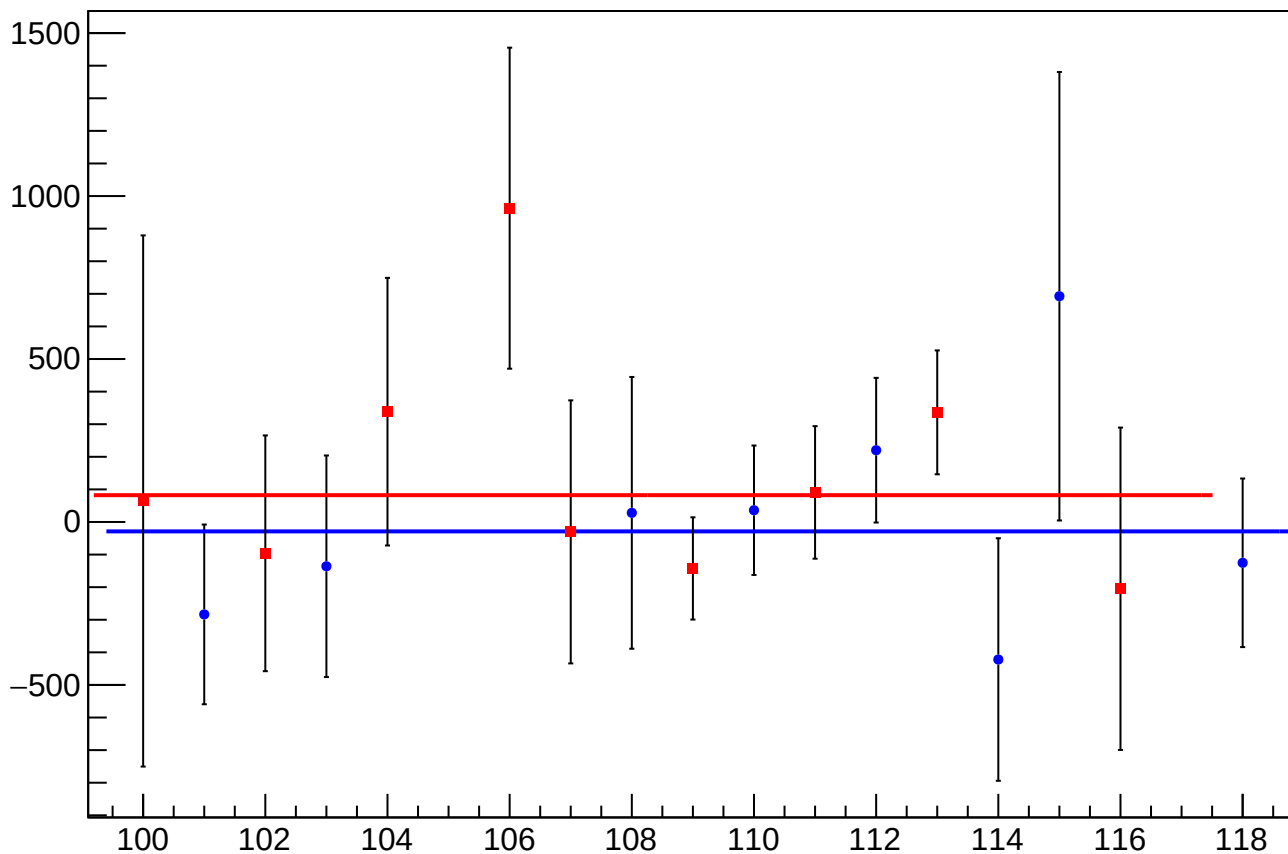
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.948+/-0.005 χ^2/NDF : 45390.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



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: 82.240+/-90.554 χ^2/NDF : 8.1/8

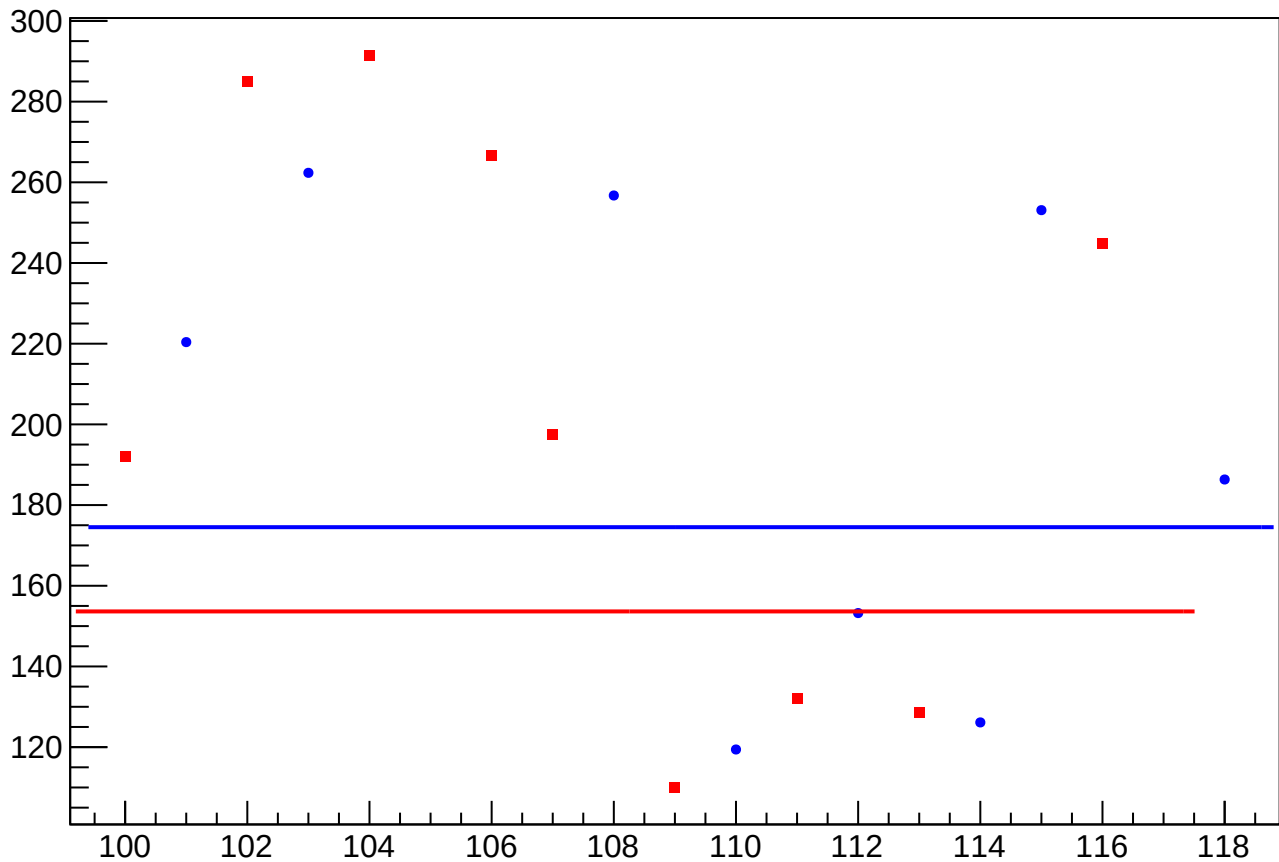
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.870+/-67.502 χ^2/NDF : 13.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



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: 153.638 $\pm$ 0.064 χ^2 /NDF: 901638.9/8

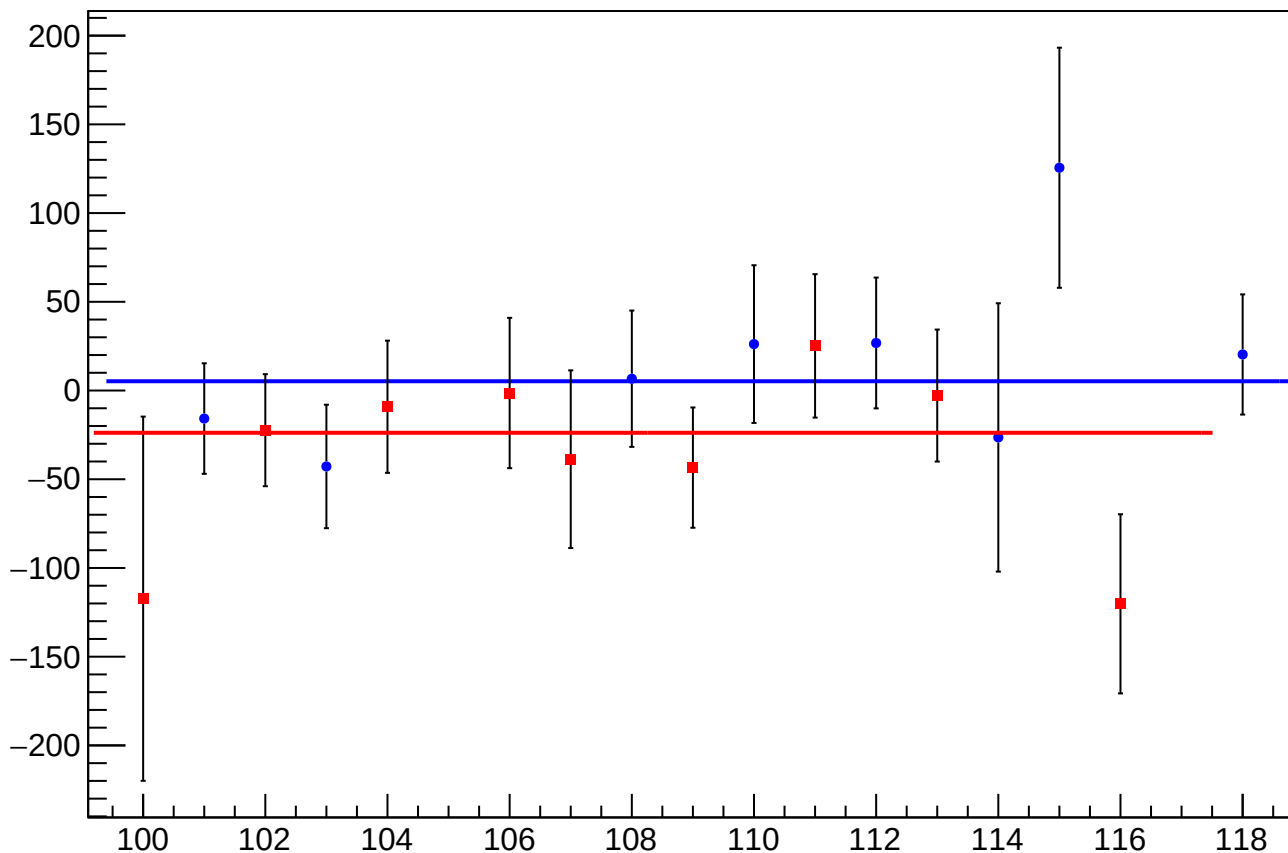
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.917 $\pm$ 0.048 χ^2 /NDF: 1452061.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



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: -23.823+/-13.641 χ^2/NDF : 7.1/8

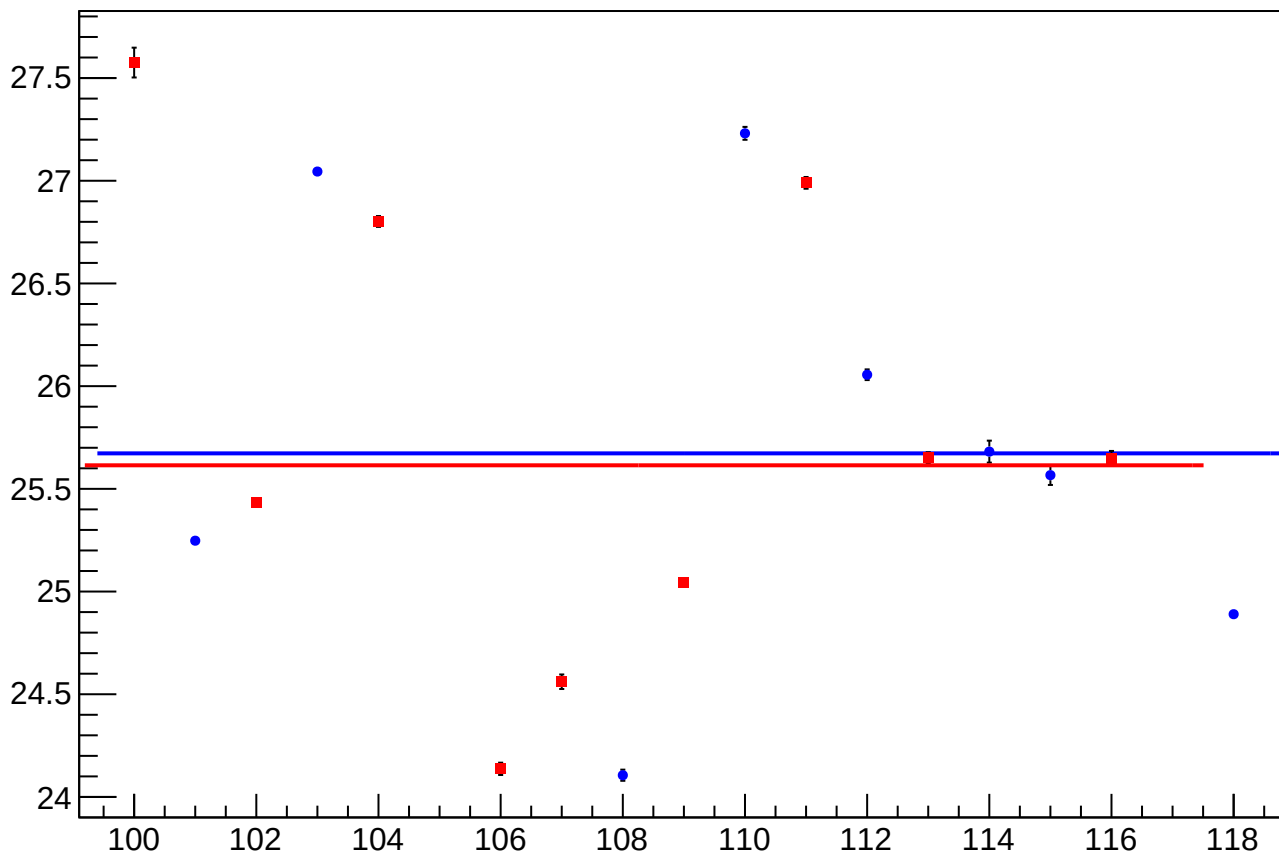
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.759+/-9.798 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



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: 25.615+/-0.010 χ^2/NDF : 9036.3/8

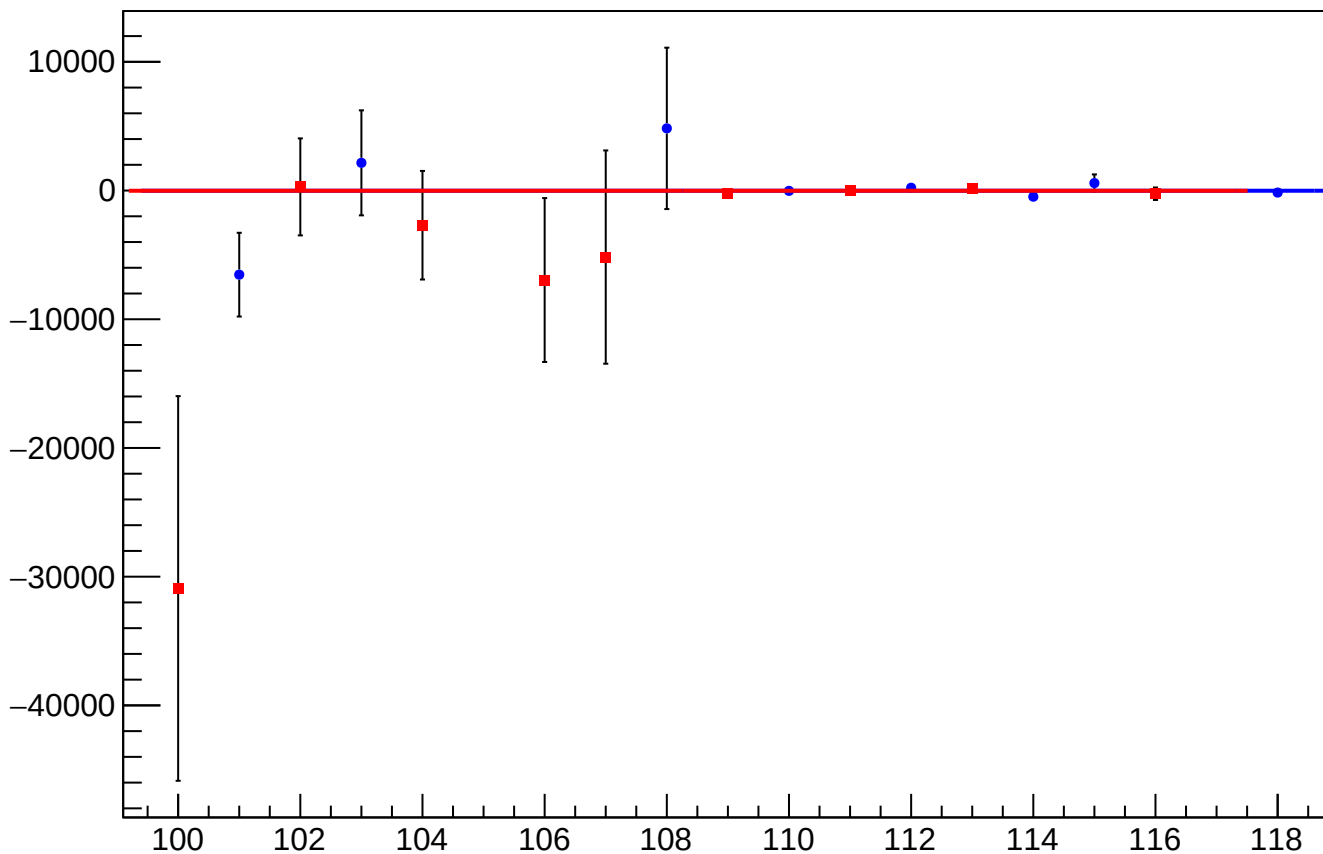
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.643+/-0.007 χ^2/NDF : 19614.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



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: -16.668+/-111.135 χ^2/NDF : 8.2/8

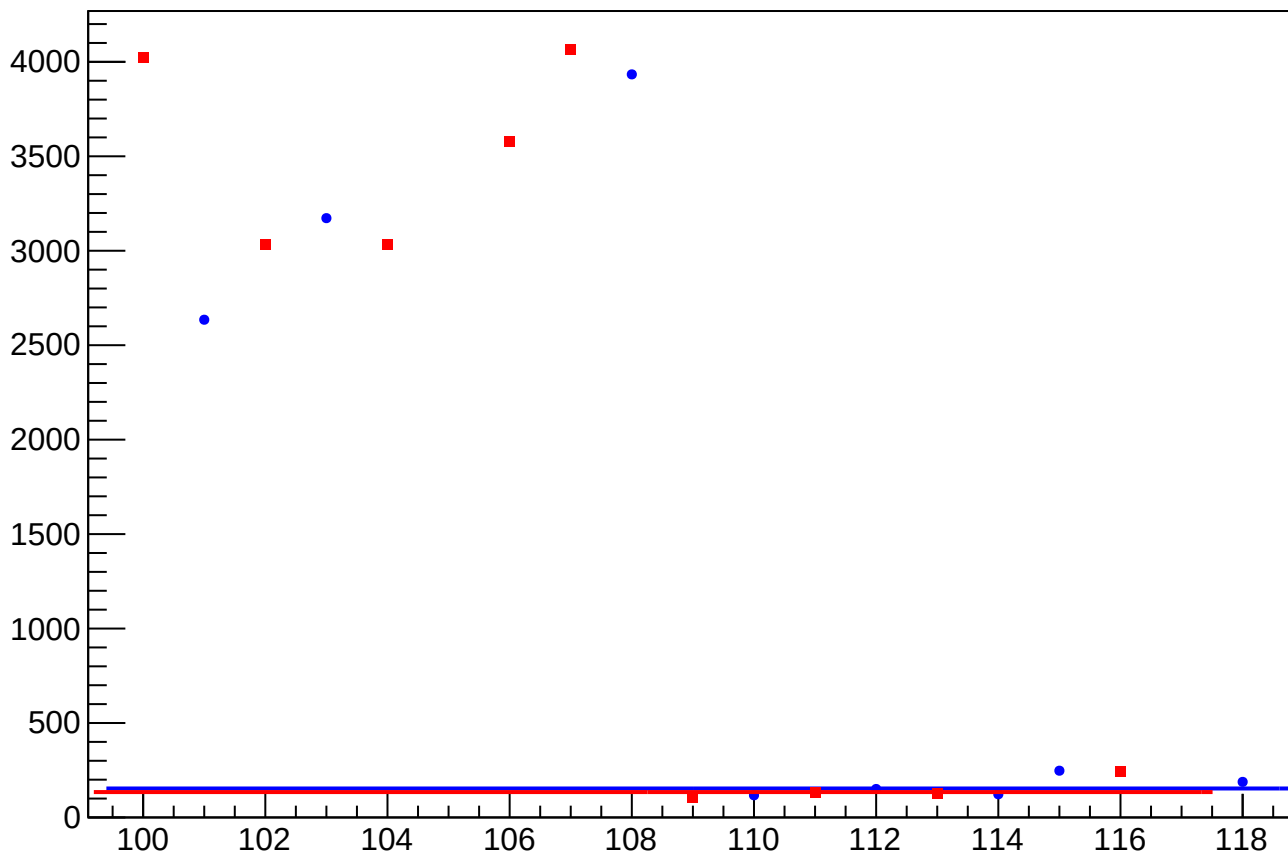
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.961+/-80.873 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



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: 134.369+/-0.079 χ^2/NDF : 3435286.9/8

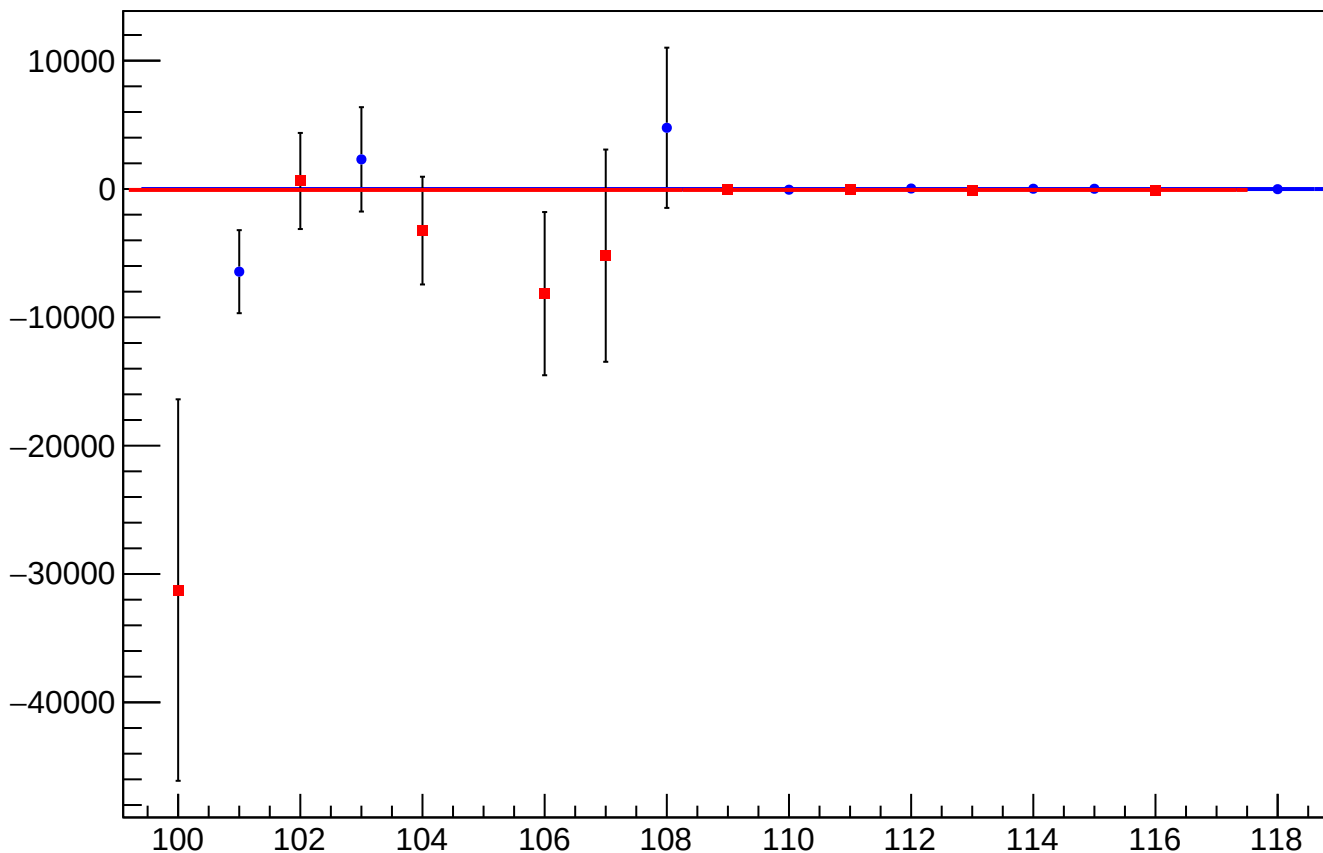
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.310+/-0.057 χ^2/NDF : 6606320.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



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: -72.694+/-22.638 χ^2/NDF : 9.9/8

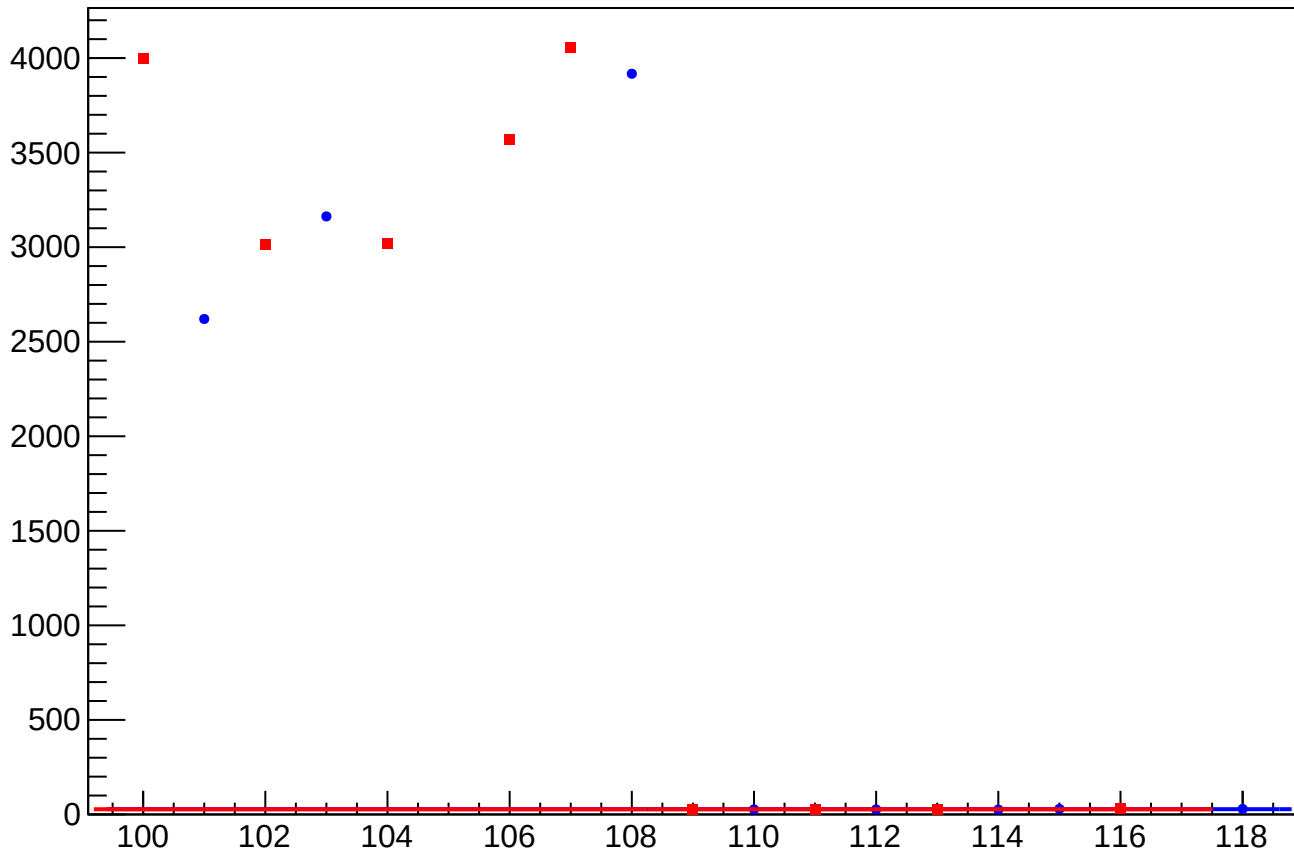
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.575+/-15.526 χ^2/NDF : 22.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.810 $\pm$ 0.015 χ^2 /NDF: 3256002.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.523 $\pm$ 0.016 χ^2 /NDF: 3536903.6/8

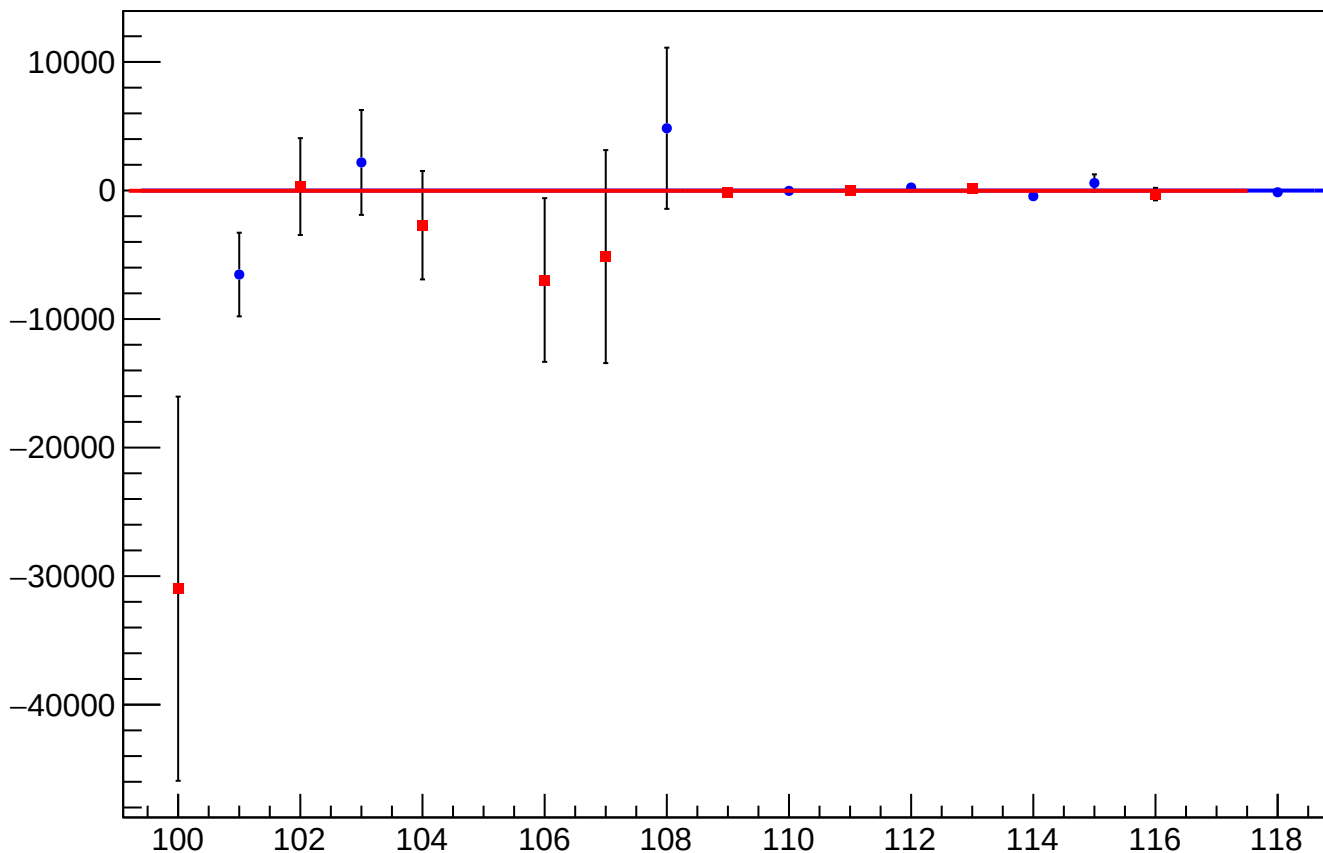
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.675 $\pm$ 0.011 χ^2 /NDF: 6793077.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



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: -21.931+/-110.578 χ^2/NDF : 7.9/8

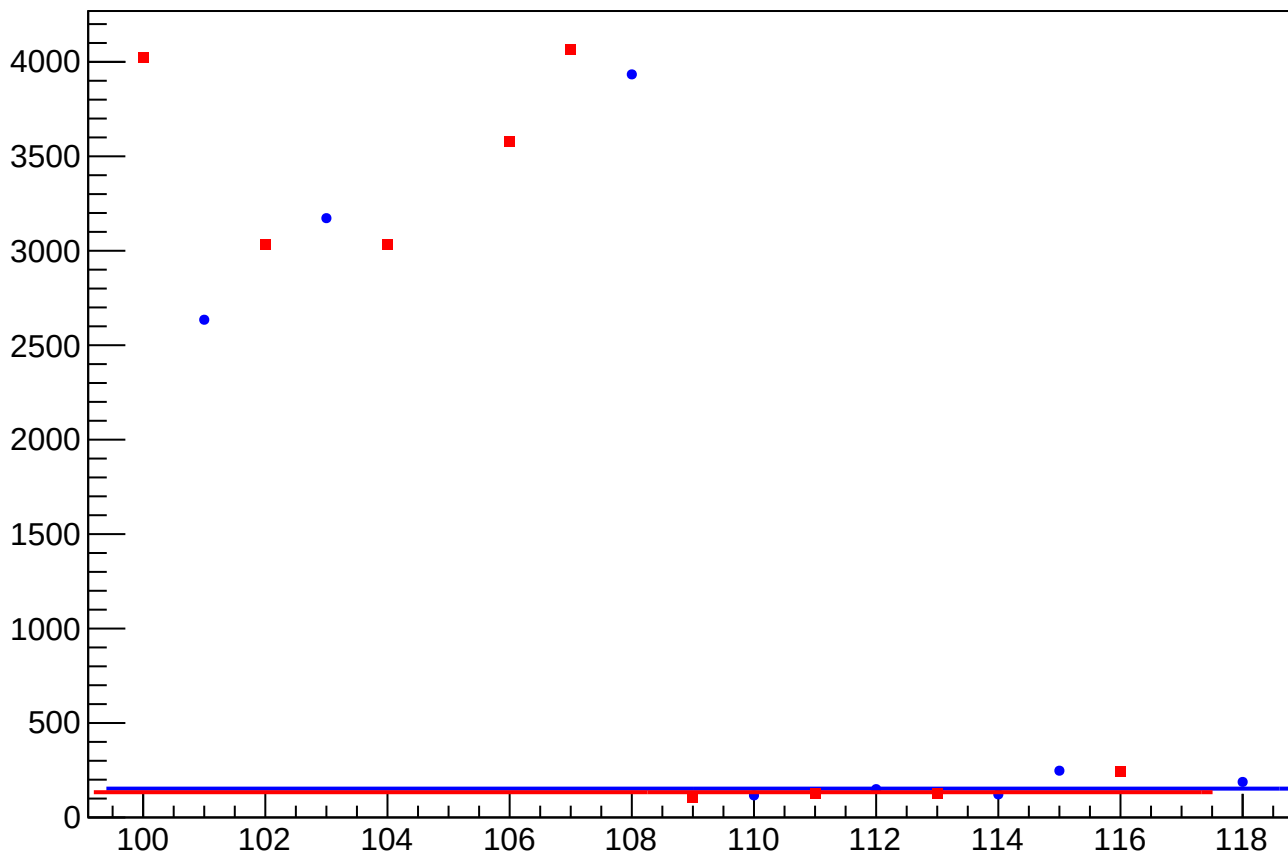
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.709+/-80.496 χ^2/NDF : 16.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



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: 133.616 $\pm$ 0.078 χ^2 /NDF: 3438398.4/8

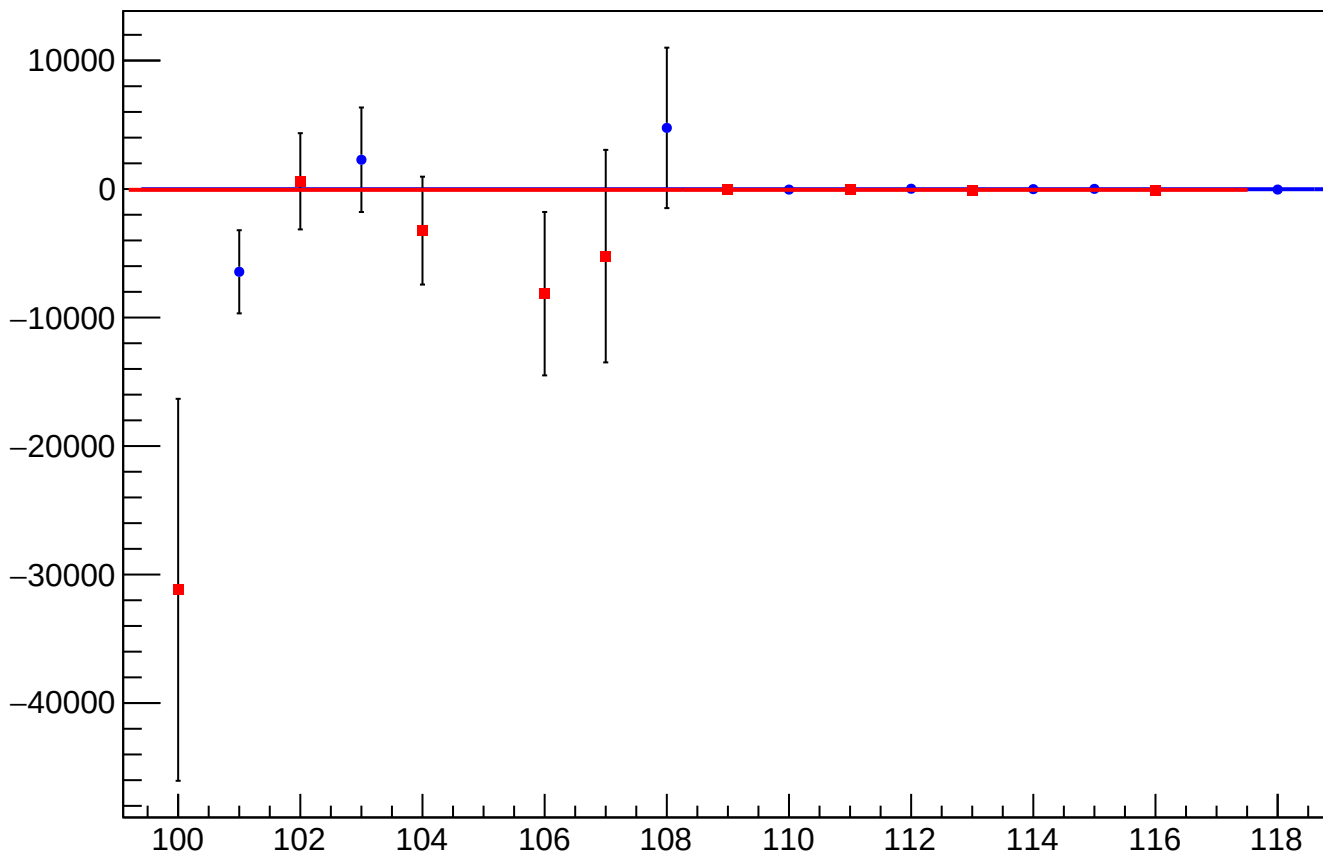
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.557 $\pm$ 0.057 χ^2 /NDF: 6613352.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



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: -61.758 $\pm$ 22.730 χ^2 /NDF: 10.0/8

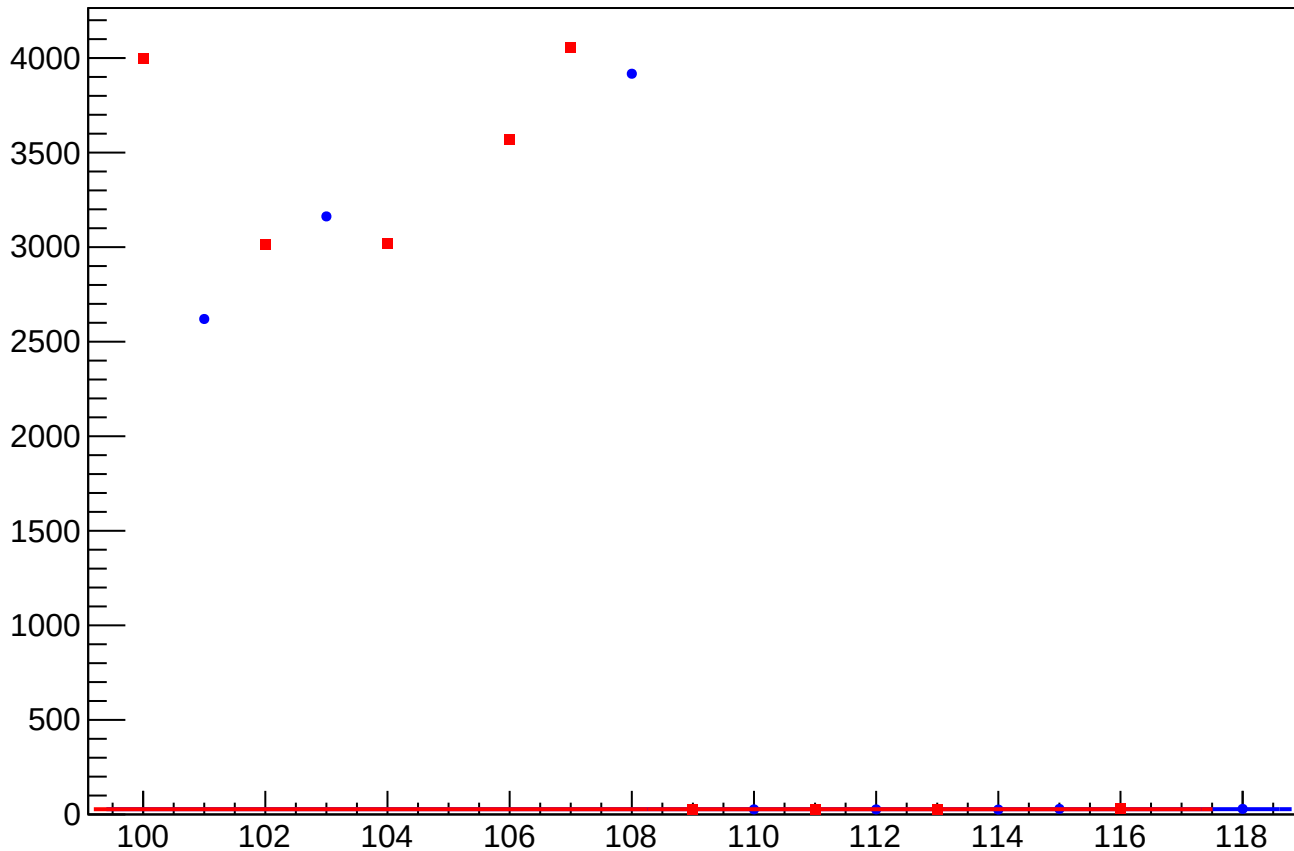
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.391 $\pm$ 15.589 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.919 $\pm$ 0.015 χ^2 /NDF: 3256690.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.633 $\pm$ 0.016 χ^2 /NDF: 3537265.8/8

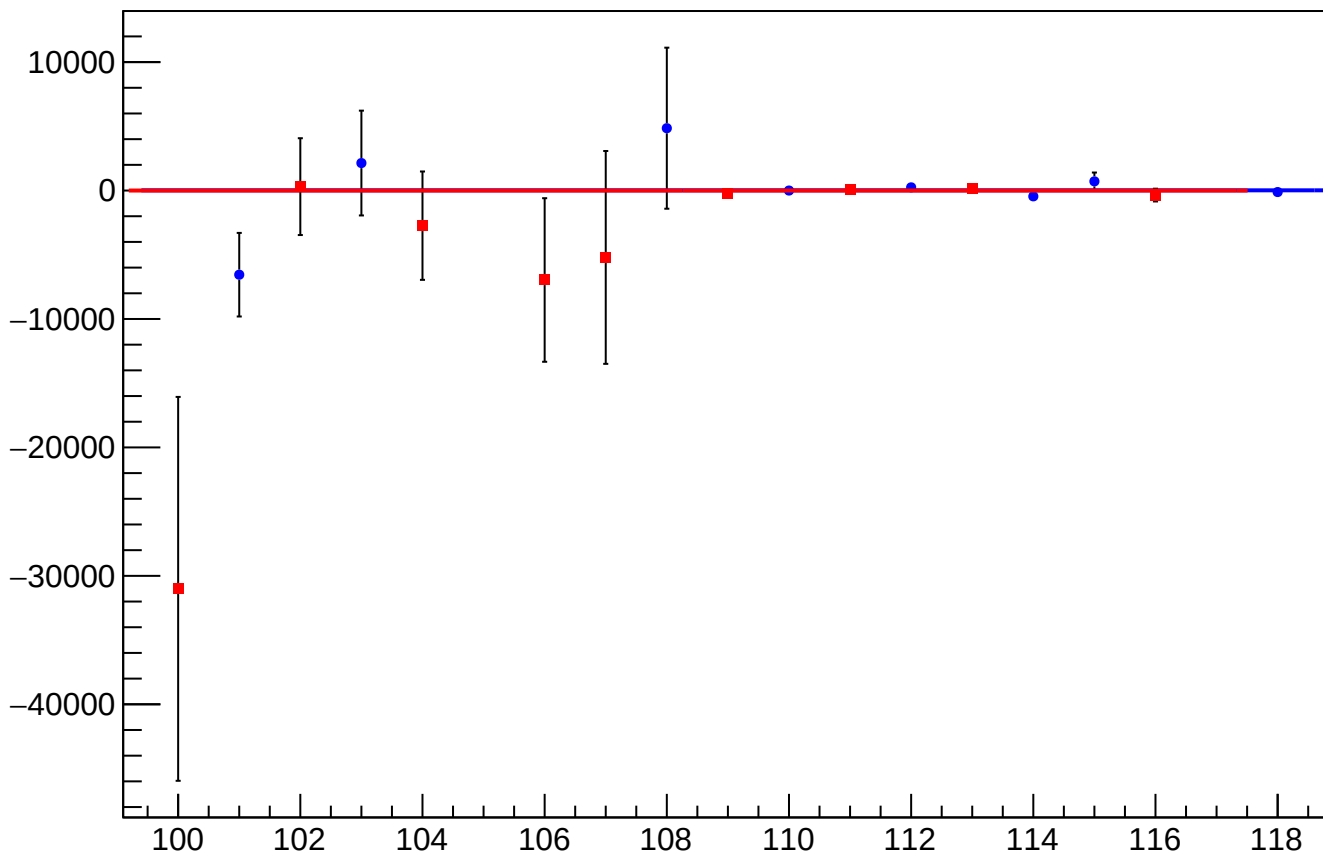
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.784 $\pm$ 0.011 χ^2 /NDF: 6794123.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



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: 0.268+/-113.137 χ^2/NDF : 8.7/8

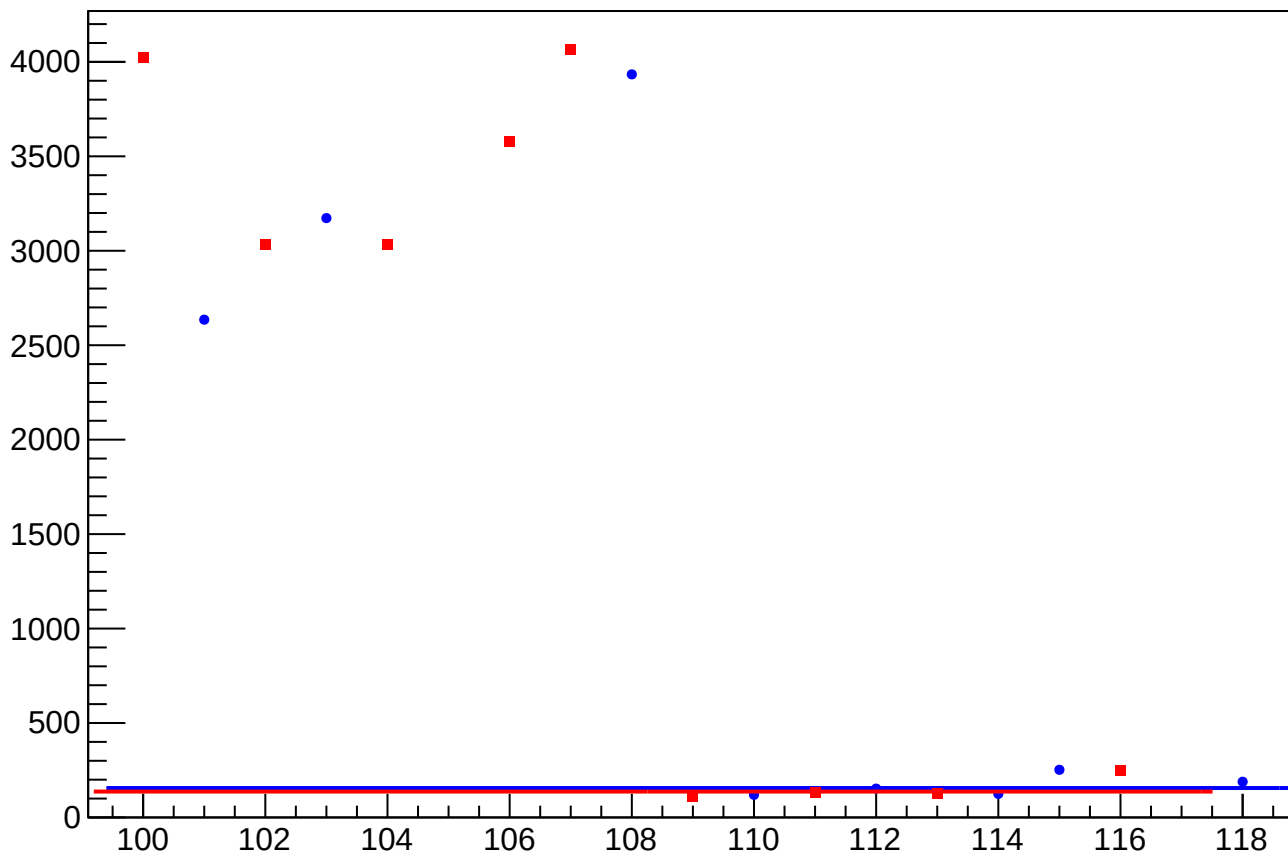
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.101+/-82.182 χ^2/NDF : 17.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 155.817 $\pm$ 0.085 χ^2 /NDF: 3132769.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 137.013 $\pm$ 0.080 χ^2 /NDF: 3429605.6/8

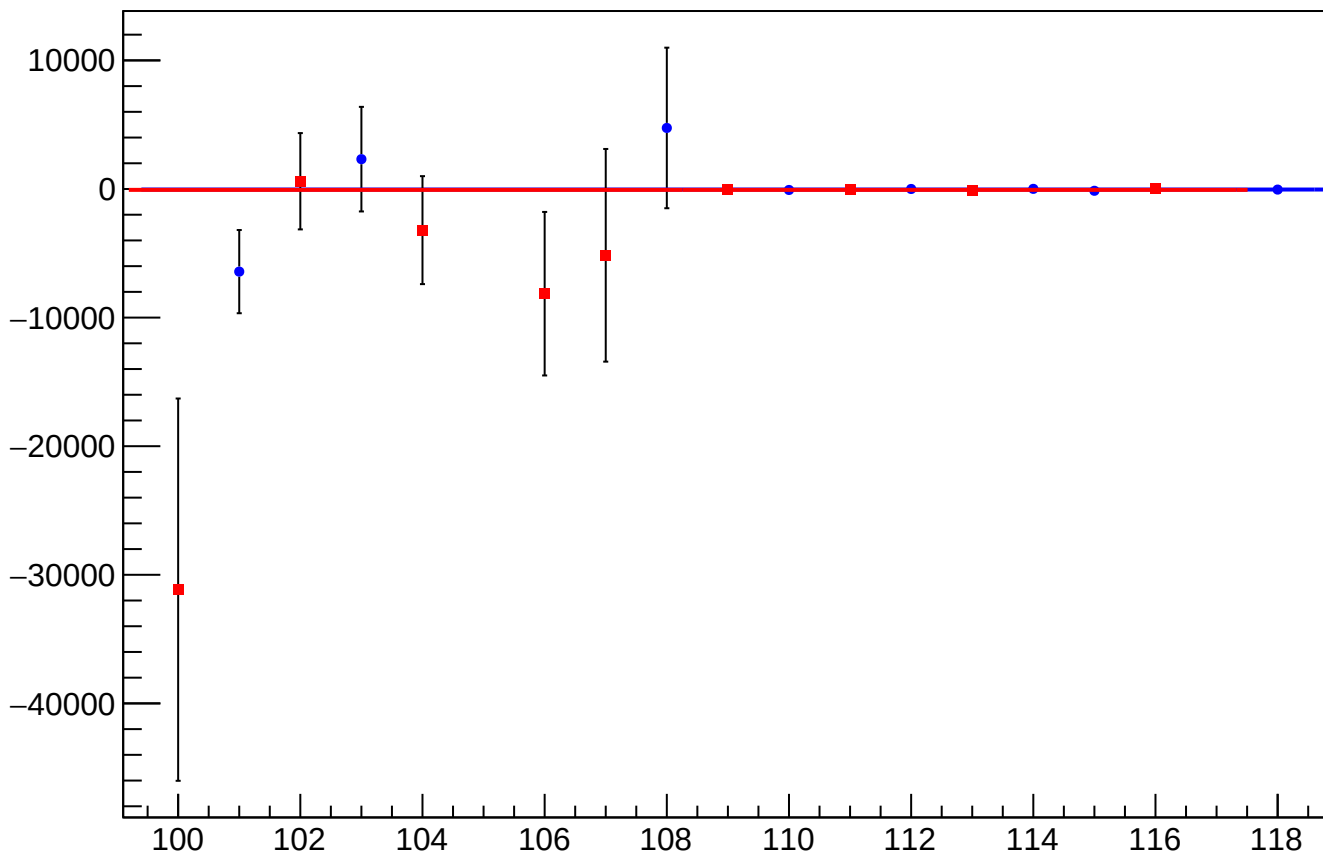
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.895 $\pm$ 0.058 χ^2 /NDF: 6588472.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



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: -68.633 $\pm$ 27.909 χ^2 /NDF: 10.6/8

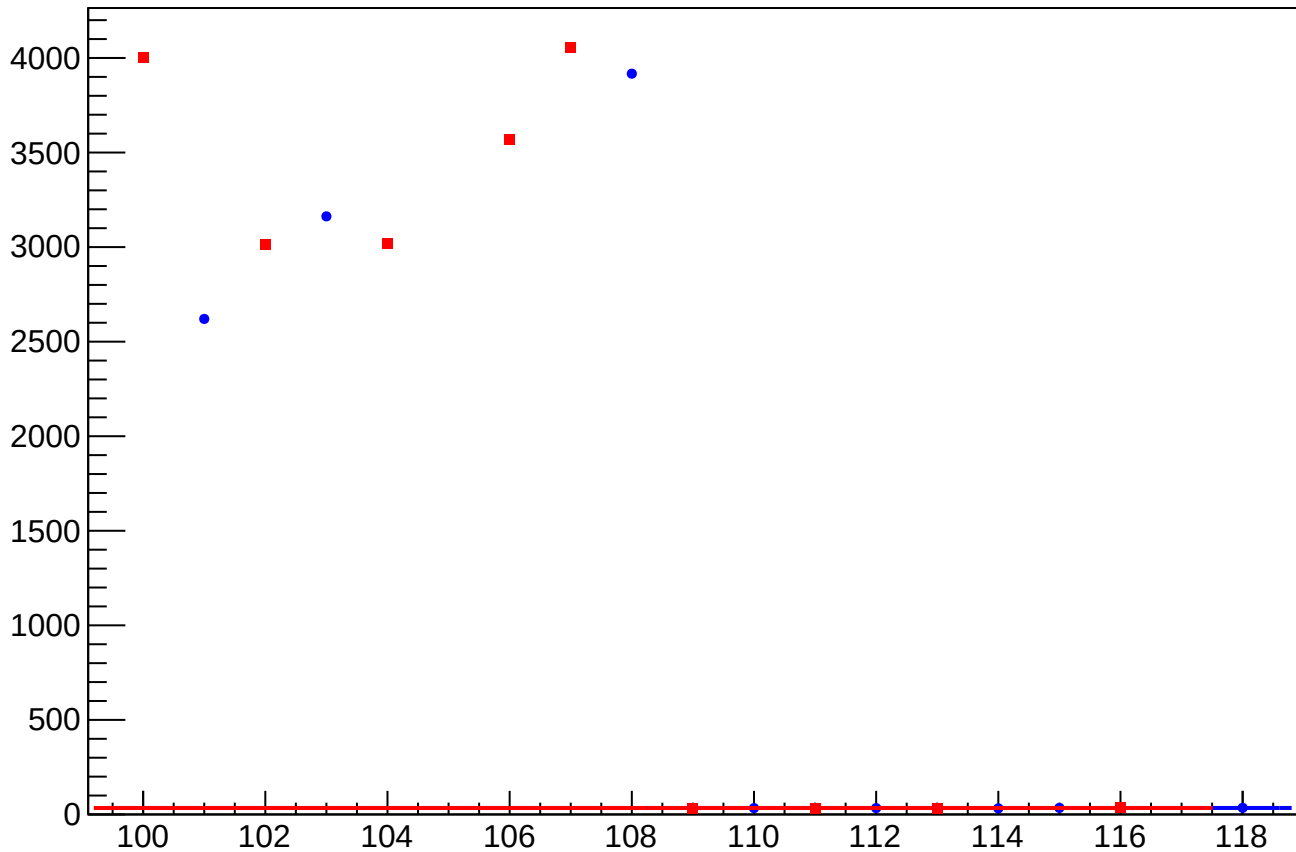
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.249 $\pm$ 19.116 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



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: 34.057+/-0.020 χ^2/NDF : 3517904.7/8

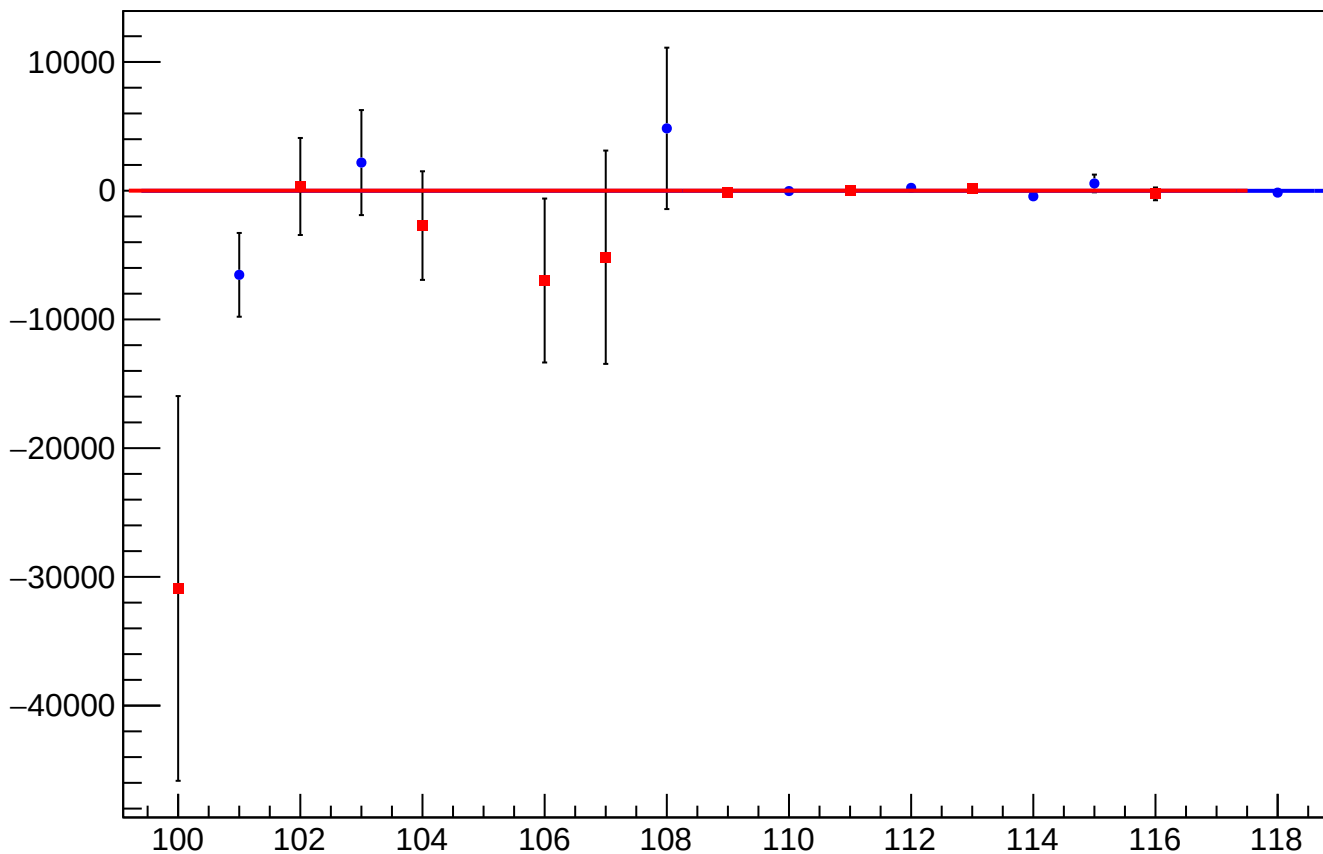
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.192+/-0.014 χ^2/NDF : 6755343.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



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: 4.031+/-111.607 χ^2/NDF : 8.2/8

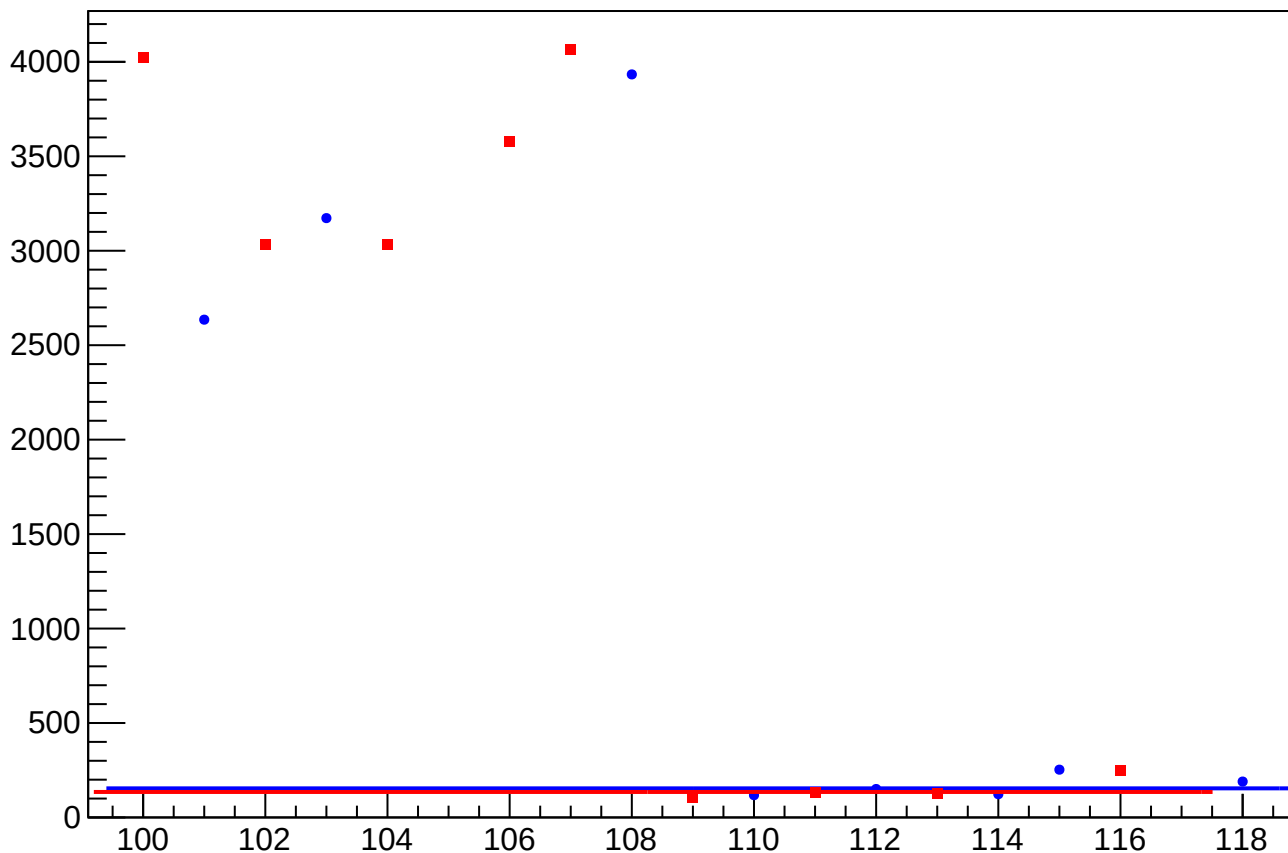
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.811+/-81.226 χ^2/NDF : 16.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 154.040 $\pm$ 0.084 χ^2 /NDF: 3145823.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.946 $\pm$ 0.079 χ^2 /NDF: 3437871.9/8

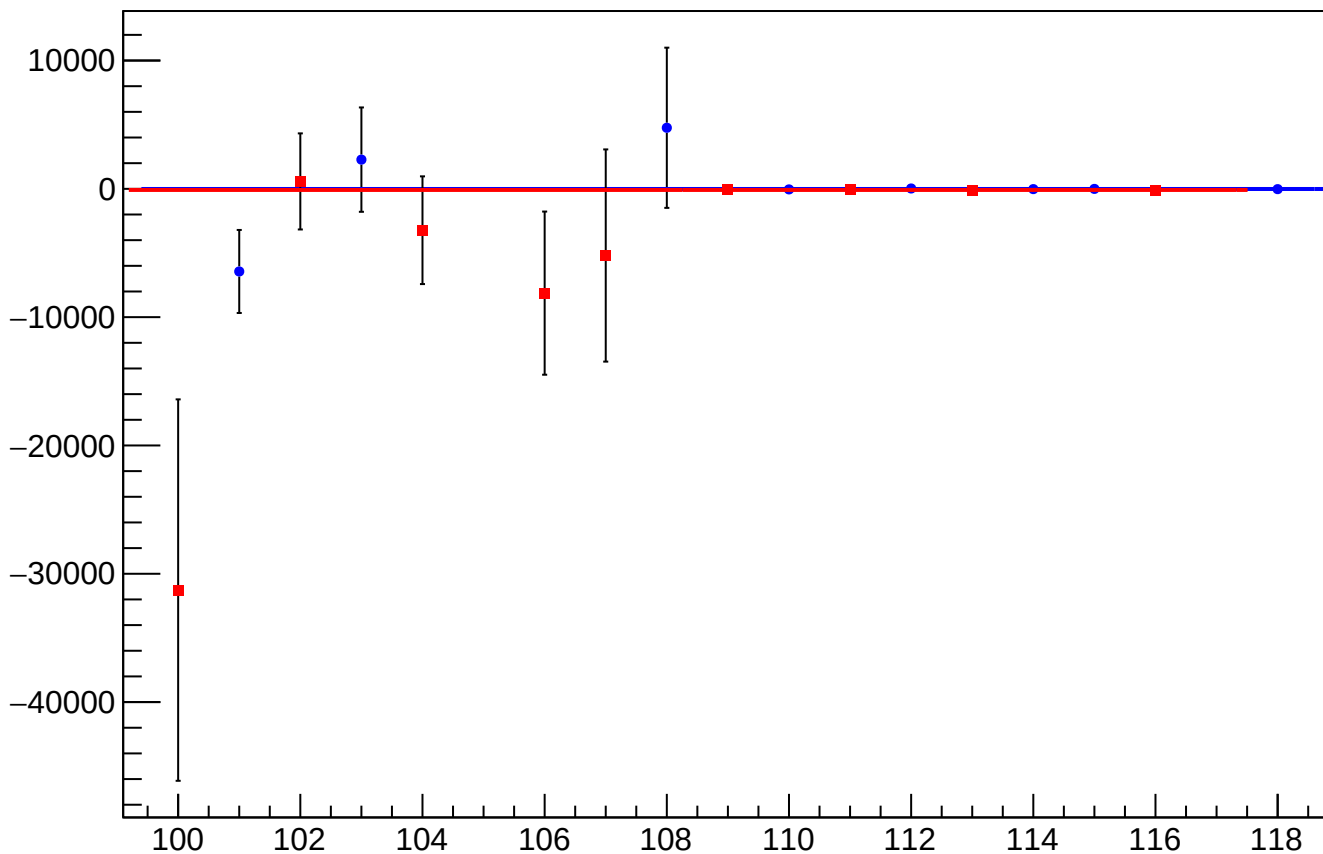
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.926 $\pm$ 0.057 χ^2 /NDF: 6611228.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



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: -86.083+/-26.002 χ^2/NDF : 10.4/8

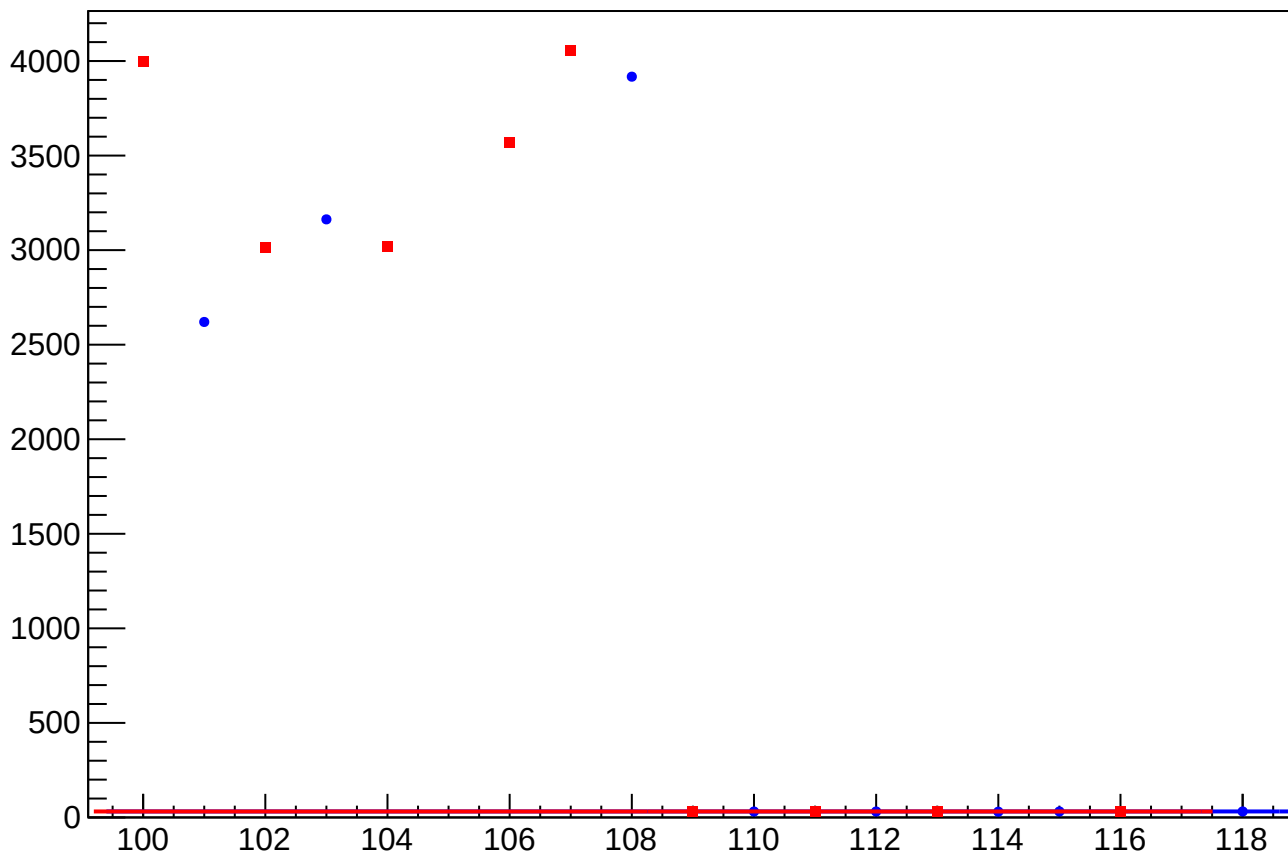
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.097+/-17.758 χ^2/NDF : 20.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



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: 31.707+/-0.018 χ^2/NDF : 3521808.0/8

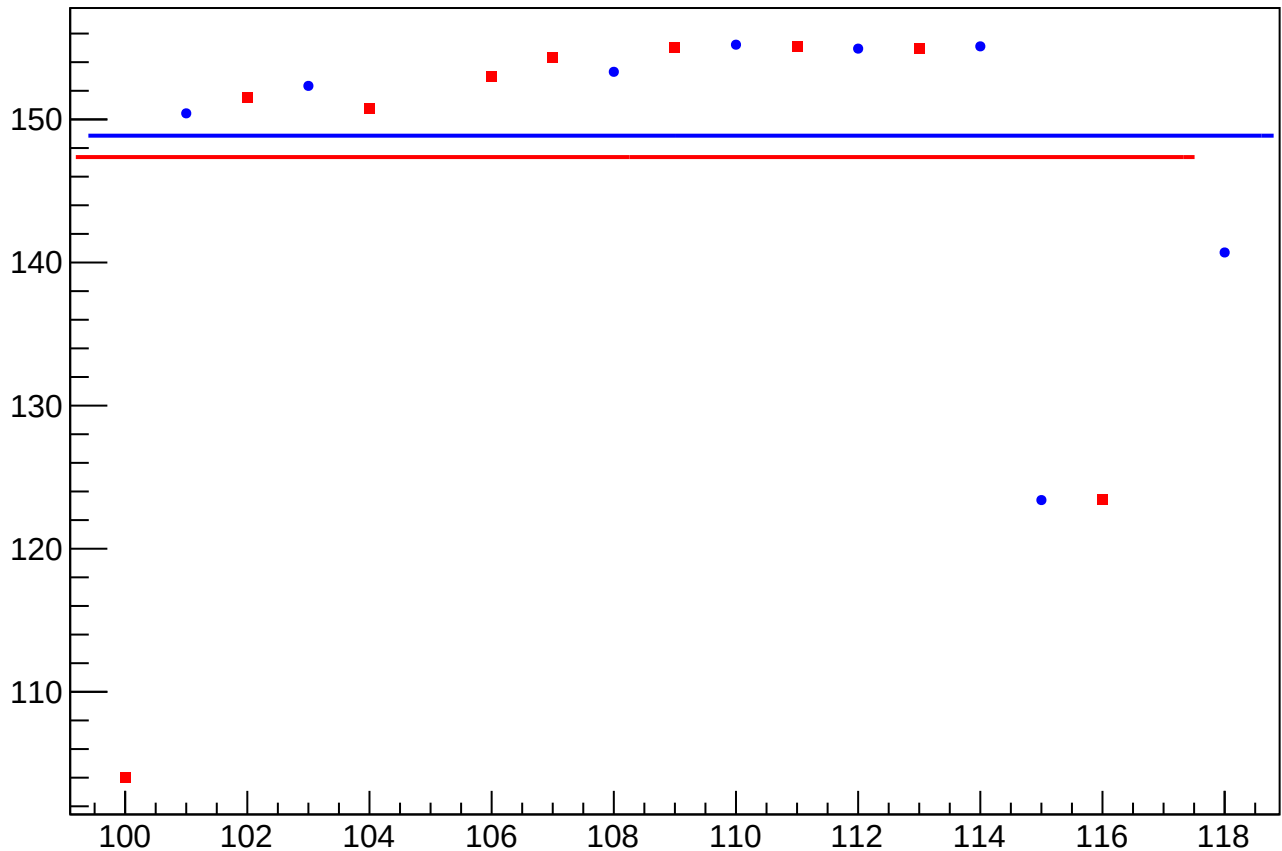
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.741+/-0.013 χ^2/NDF : 6762955.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 148.864+/-0.000 χ^2/NDF : 1911711988.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.369+/-0.000 χ^2/NDF : 3704508338.3/8

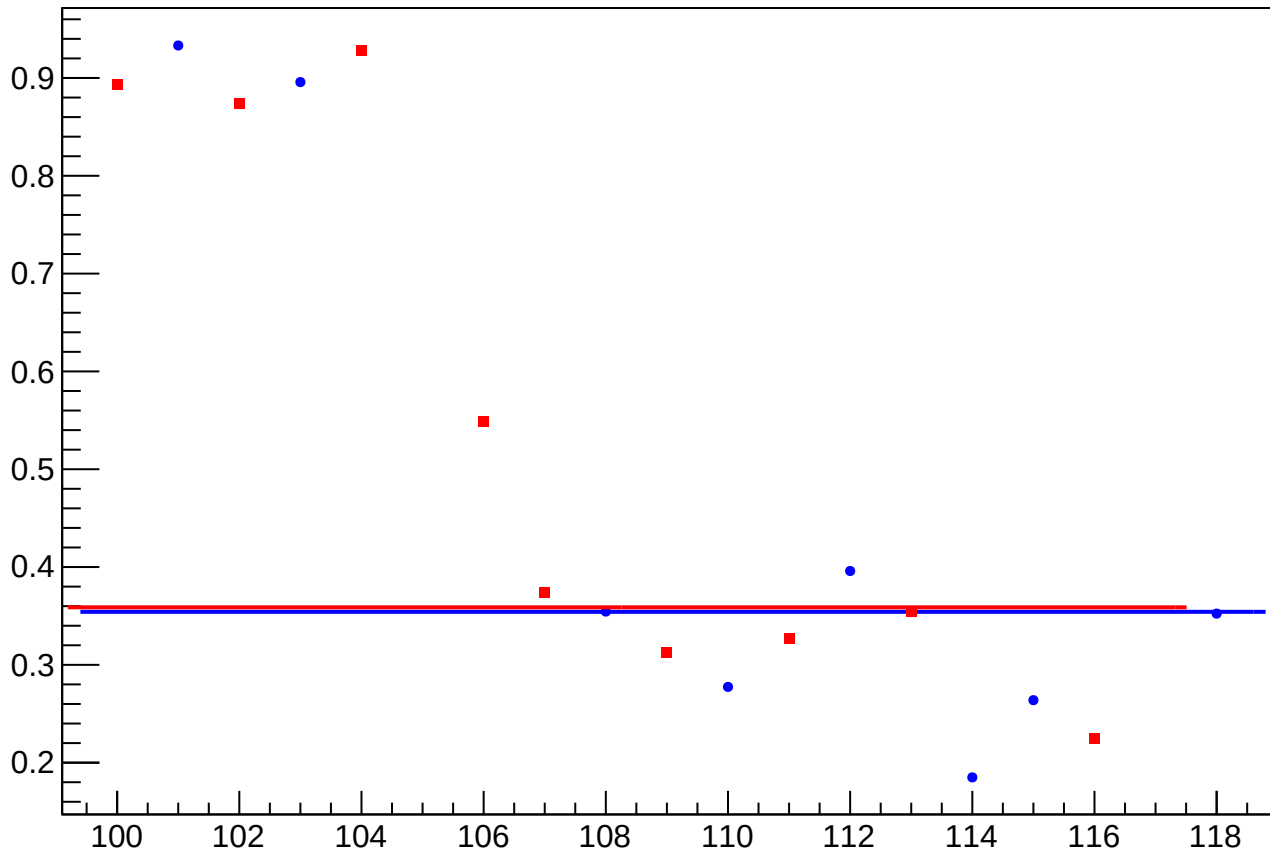
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.088+/-0.000 χ^2/NDF : 5638836006.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



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: 0.359+/-0.000 χ^2/NDF : 1133239.5/8

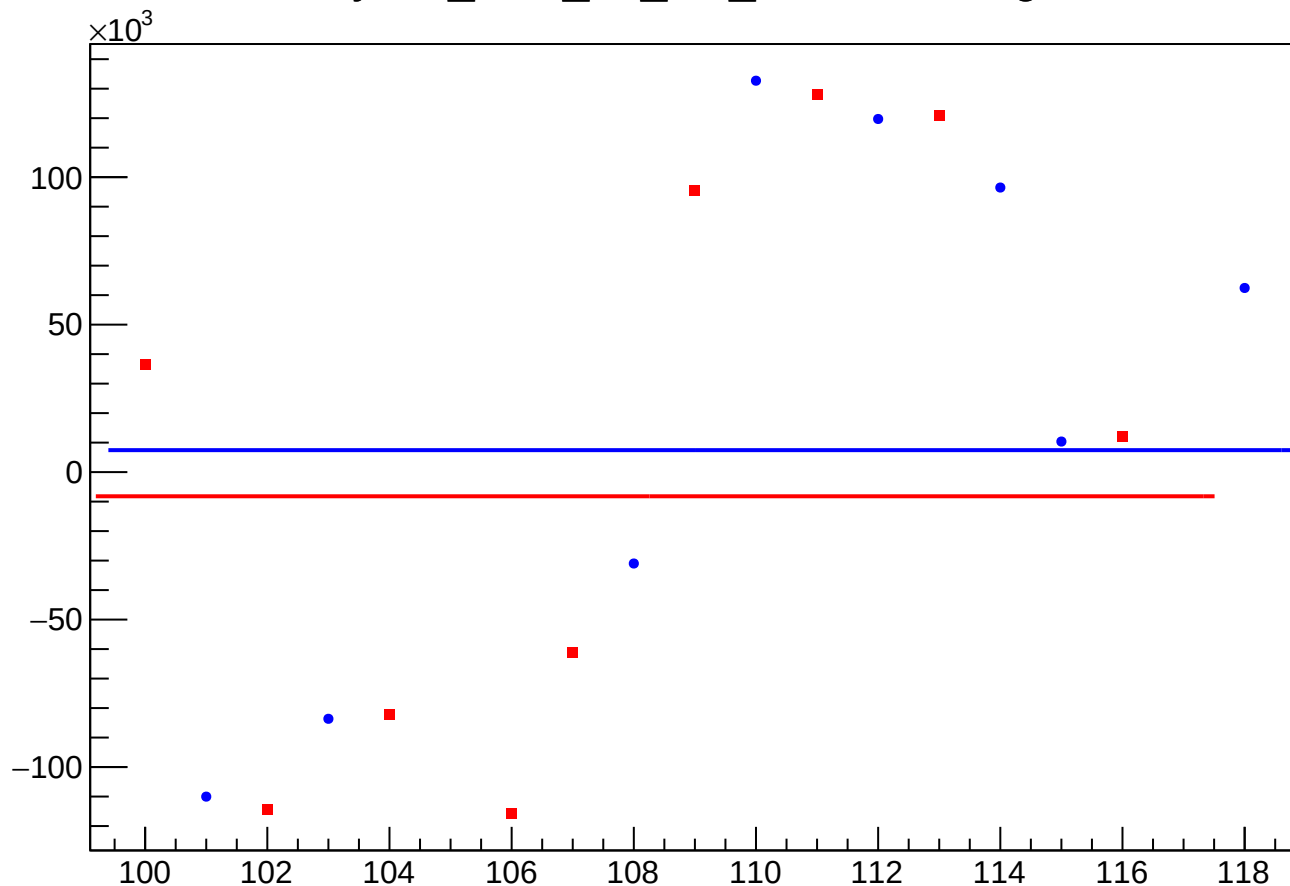
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.357+/-0.000 χ^2/NDF : 2298233.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: 7445.471+/-3.048 χ^2/NDF : 946485928.8/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

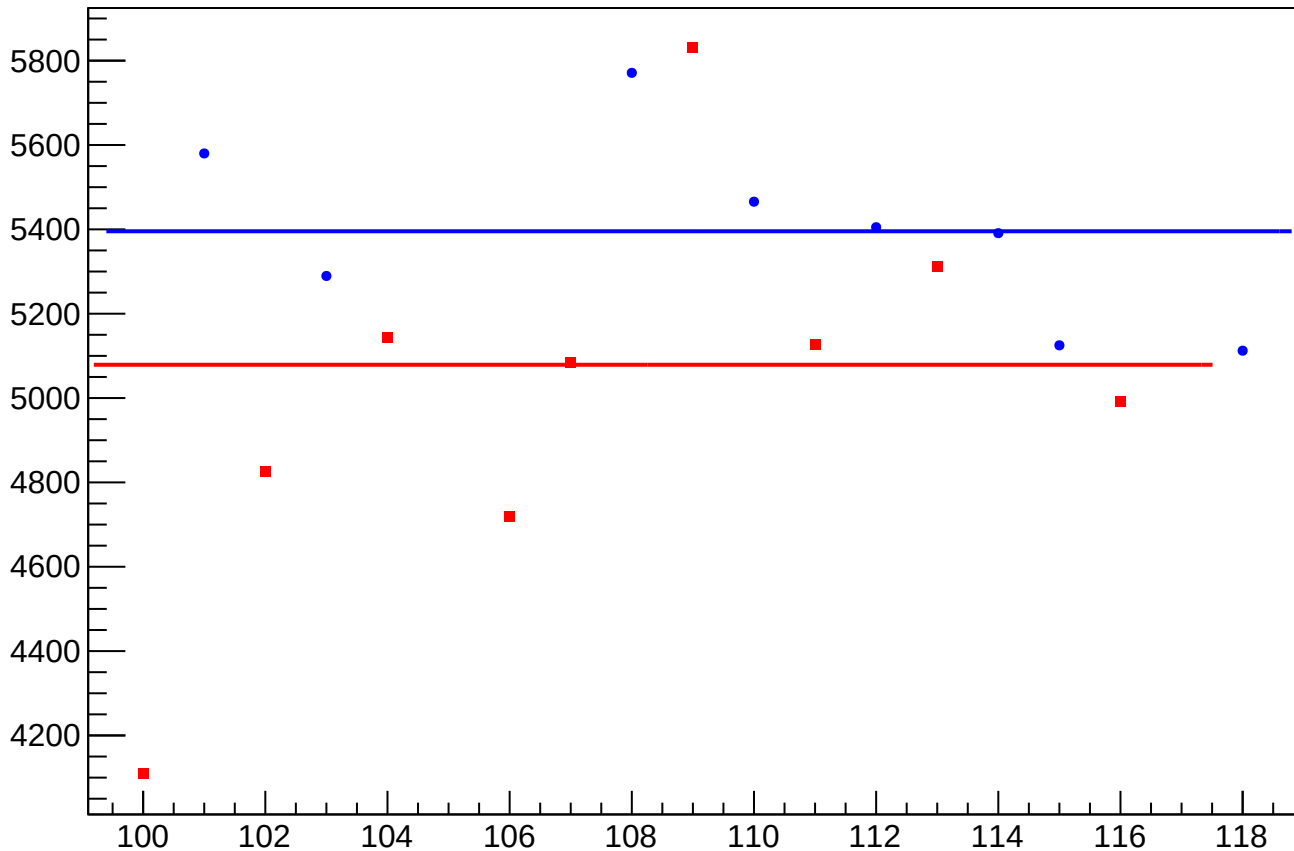
Right Out: -8196.578+/-2.772 χ^2/NDF : 1342551182.8/8

All: -1116.985+/-2.051 χ^2/NDF : 2303449177

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_rms vs Slug



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: 5078.950 $\pm$ 1.960 χ^2 /NDF: 33987.7/8

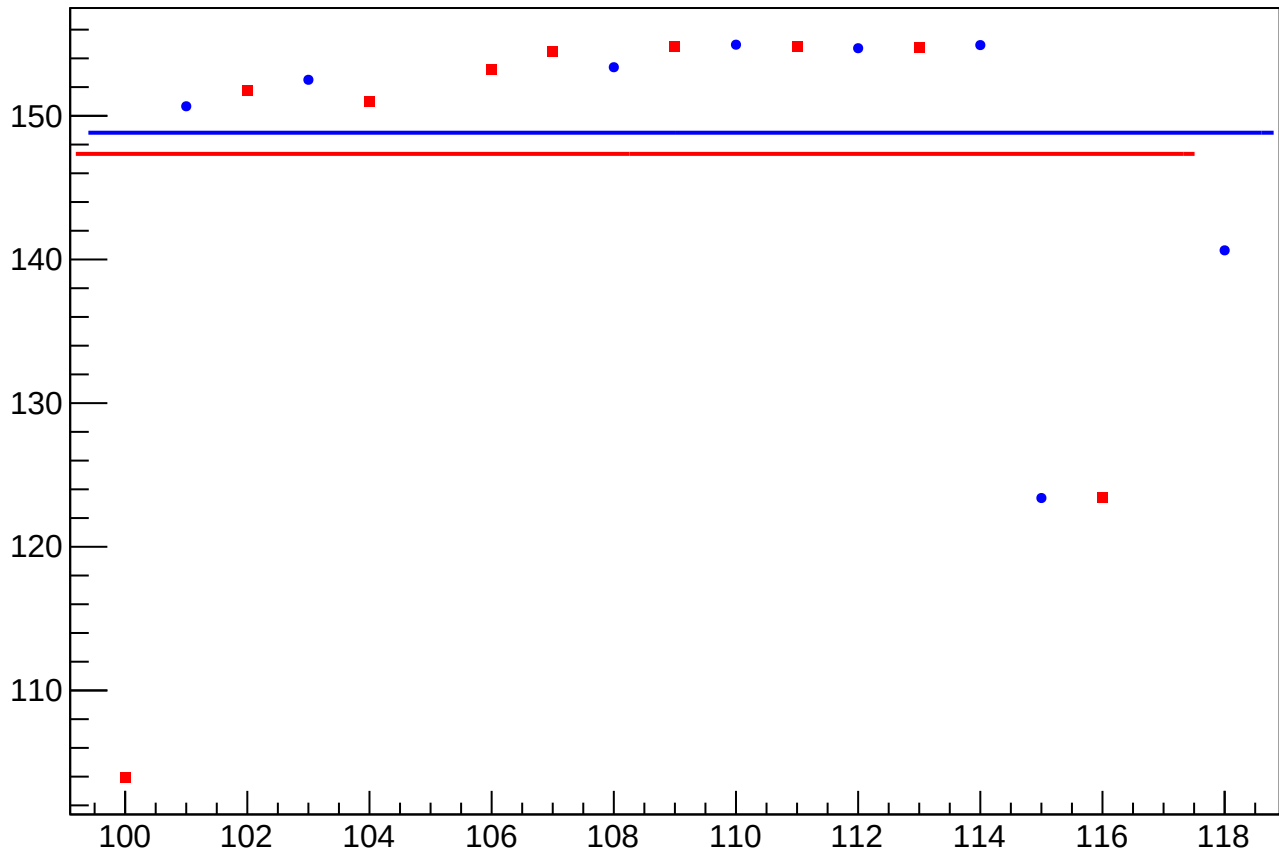
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5222.204 $\pm$ 1.450 χ^2 /NDF: 54553.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_mean vs Slug



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: 147.351+/-0.000 χ^2/NDF : 3718540125.7/8

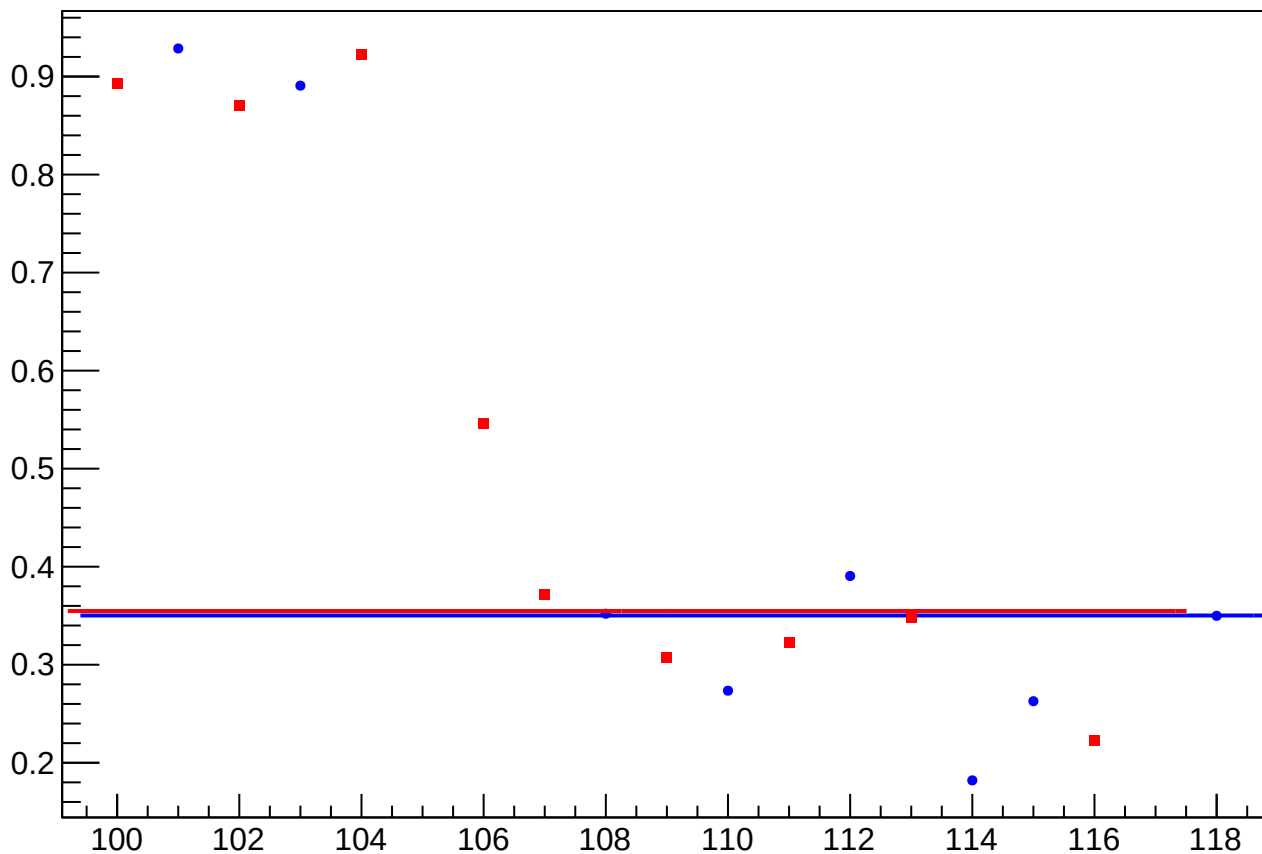
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.060+/-0.000 χ^2/NDF : 5655845787.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds_rms vs Slug



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: 0.355+/-0.000 χ^2/NDF : 1138703.3/8

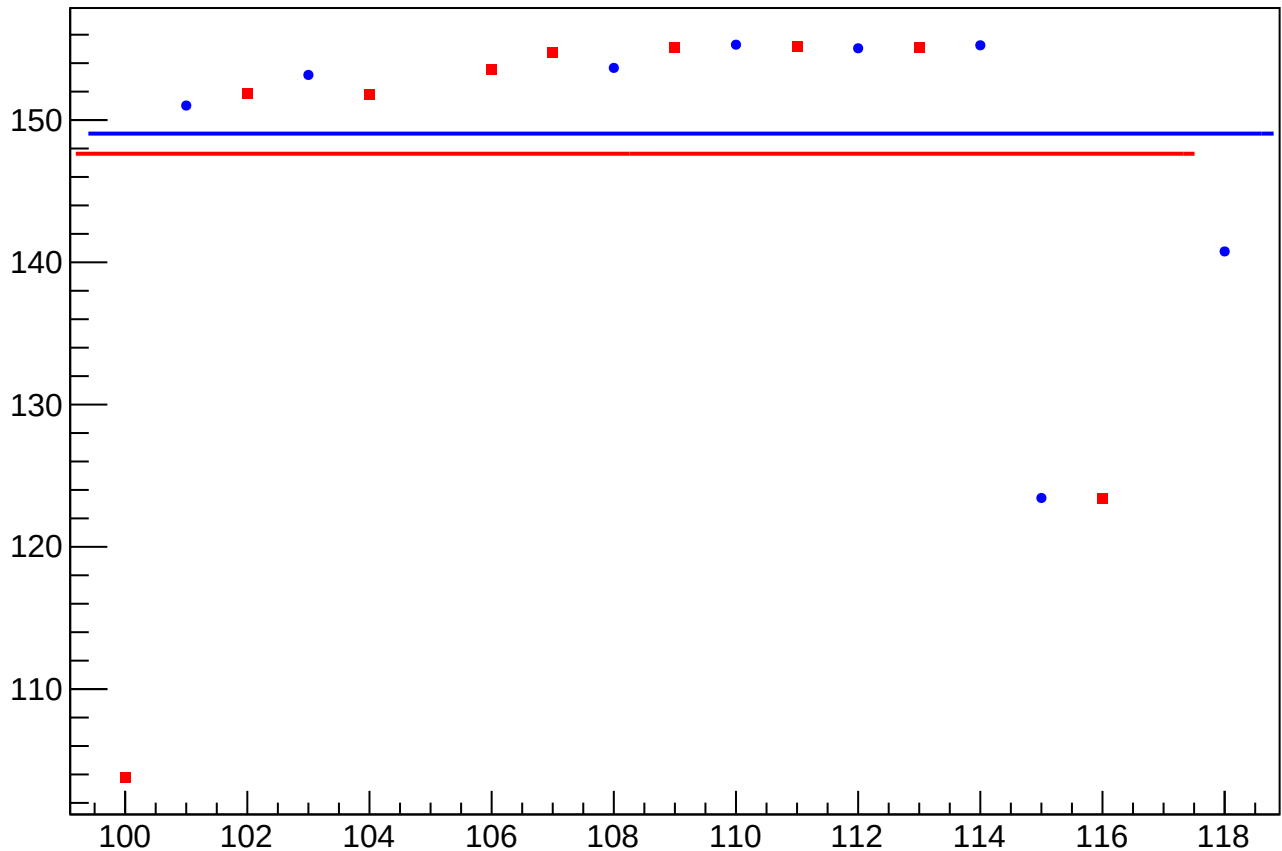
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.353+/-0.000 χ^2/NDF : 2312915.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 149.048 $\pm$ 0.000 χ^2 /NDF: 1924741059.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.633 $\pm$ 0.000 χ^2 /NDF: 3697880881.0/8

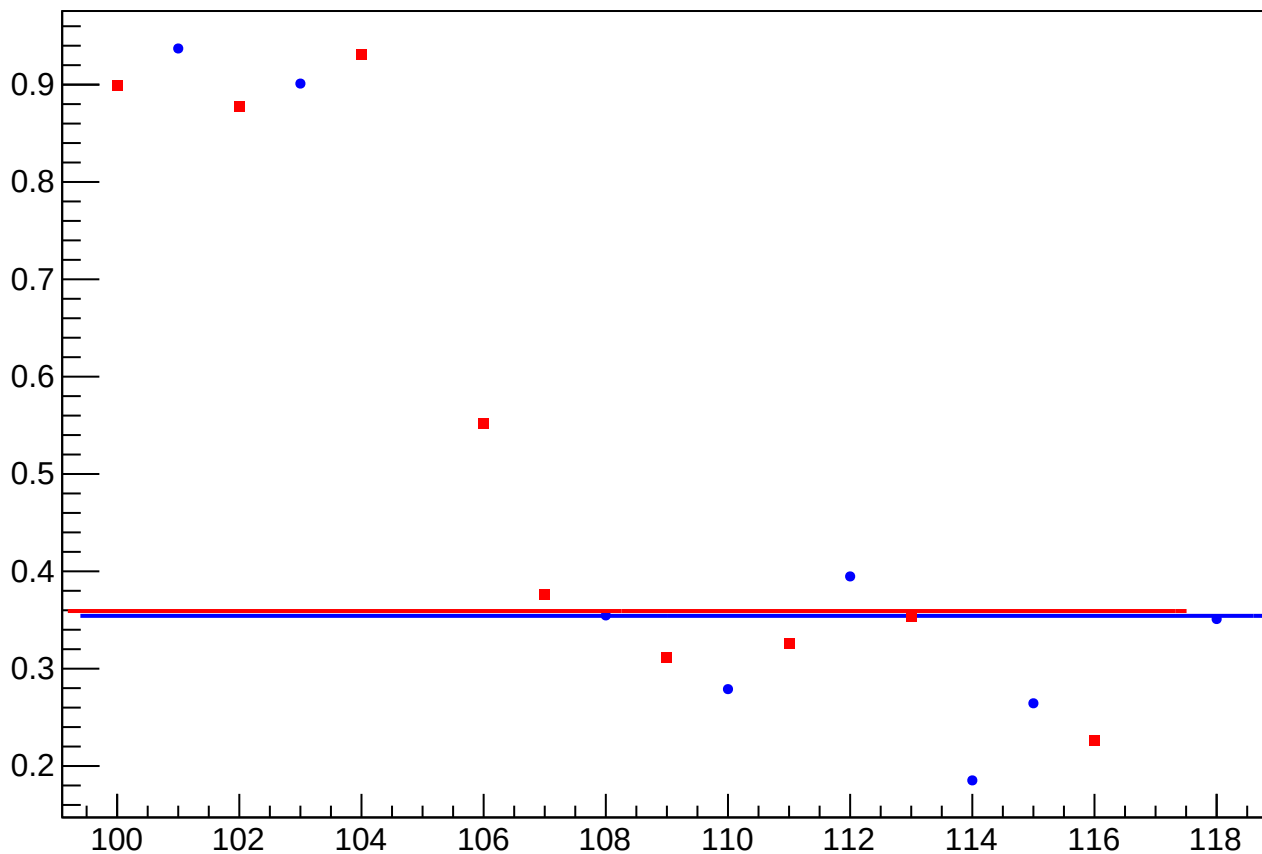
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.315 $\pm$ 0.000 χ^2 /NDF: 5642869041.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



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: 0.359+/-0.000 χ^2/NDF : 1133365.7/8

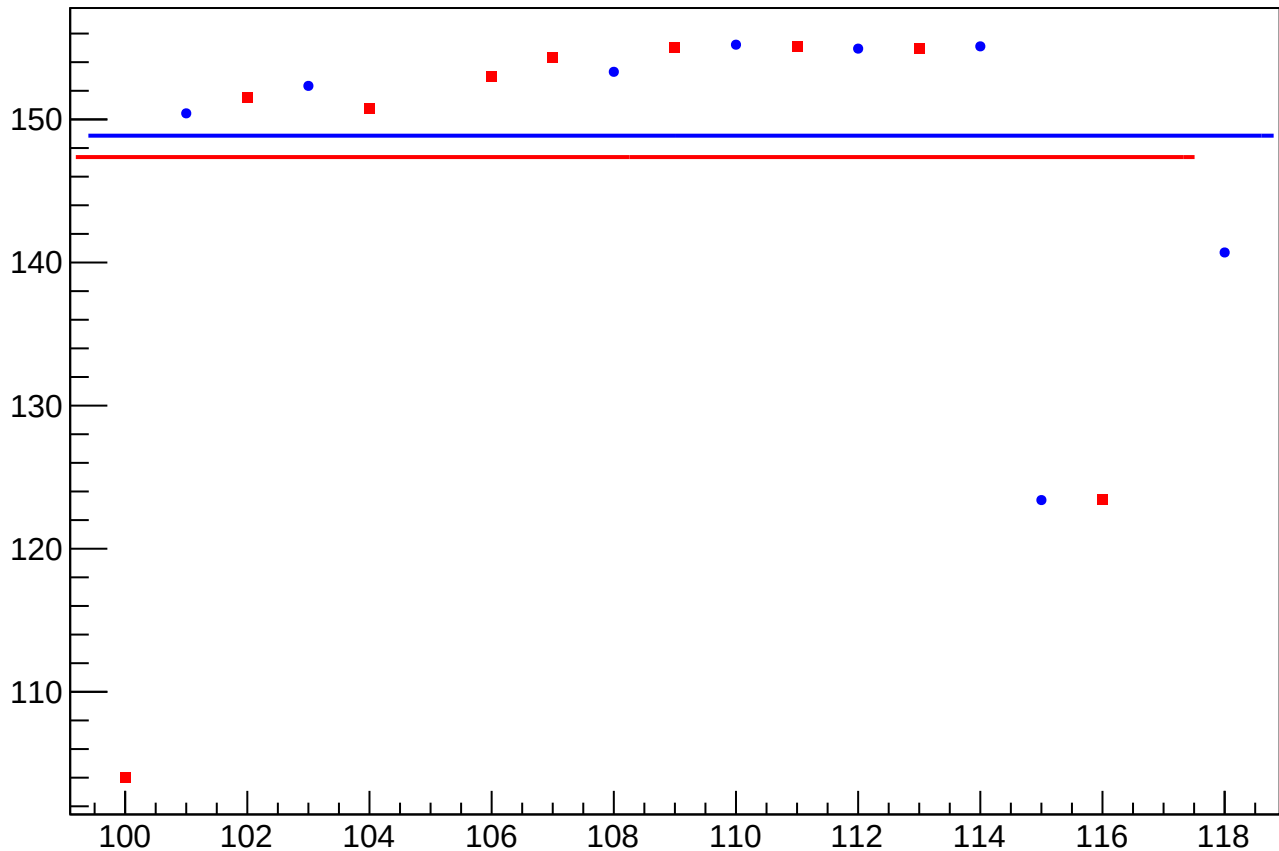
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.357+/-0.000 χ^2/NDF : 2300749.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 148.864+/-0.000 χ^2/NDF : 1911711988.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.369+/-0.000 χ^2/NDF : 3704508338.3/8

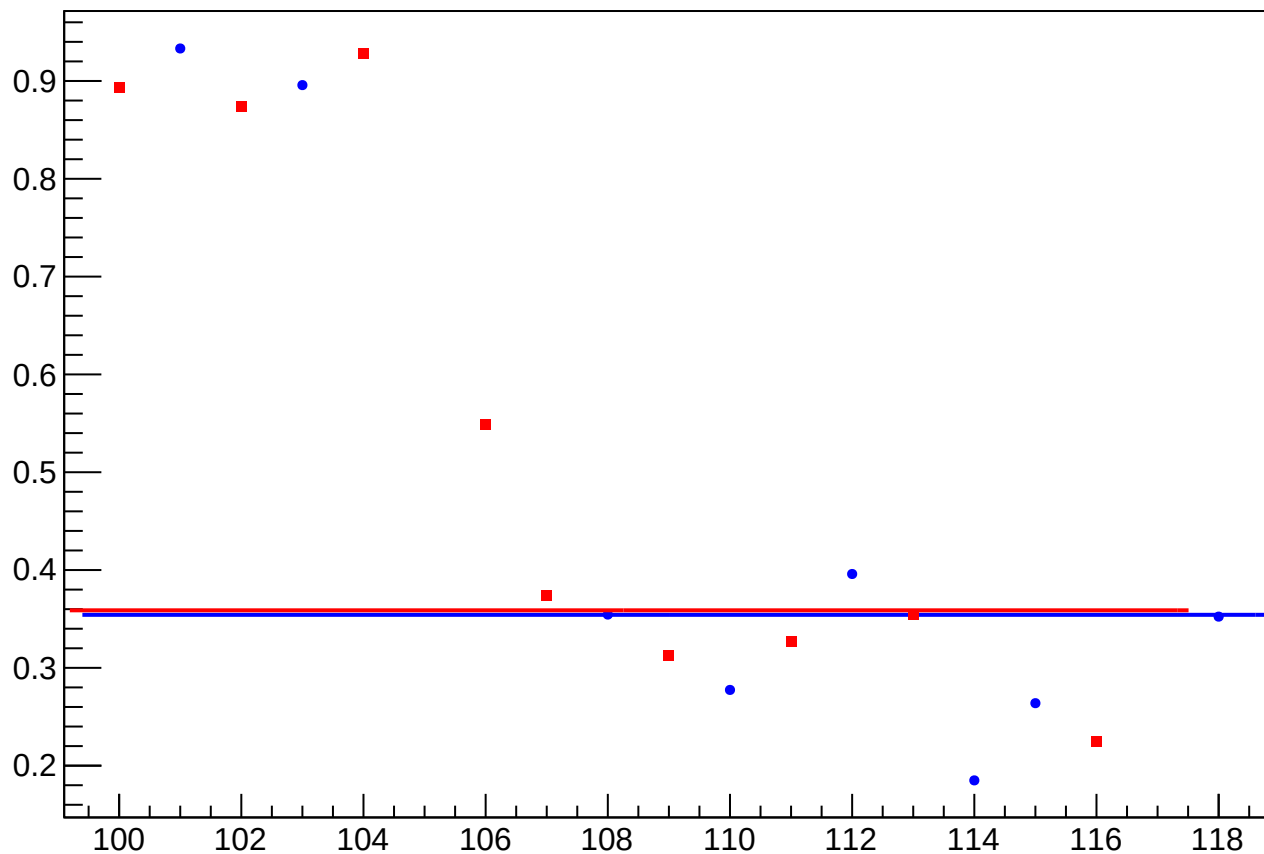
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.088+/-0.000 χ^2/NDF : 5638836006.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_rms vs Slug



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: 0.359+/-0.000 χ^2/NDF : 1133239.5/8

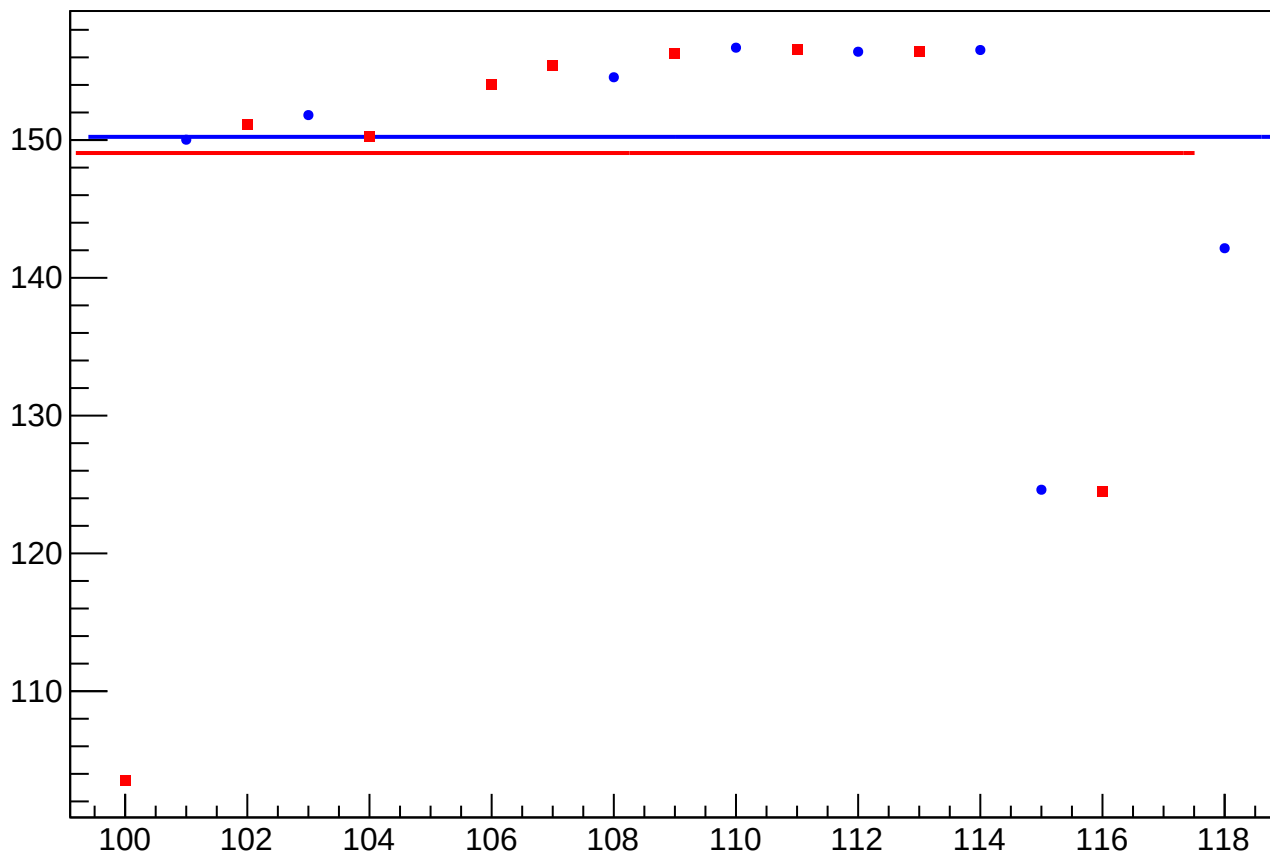
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.357+/-0.000 χ^2/NDF : 2298233.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 150.232 $\pm$ 0.000 χ^2 /NDF: 1779294741.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

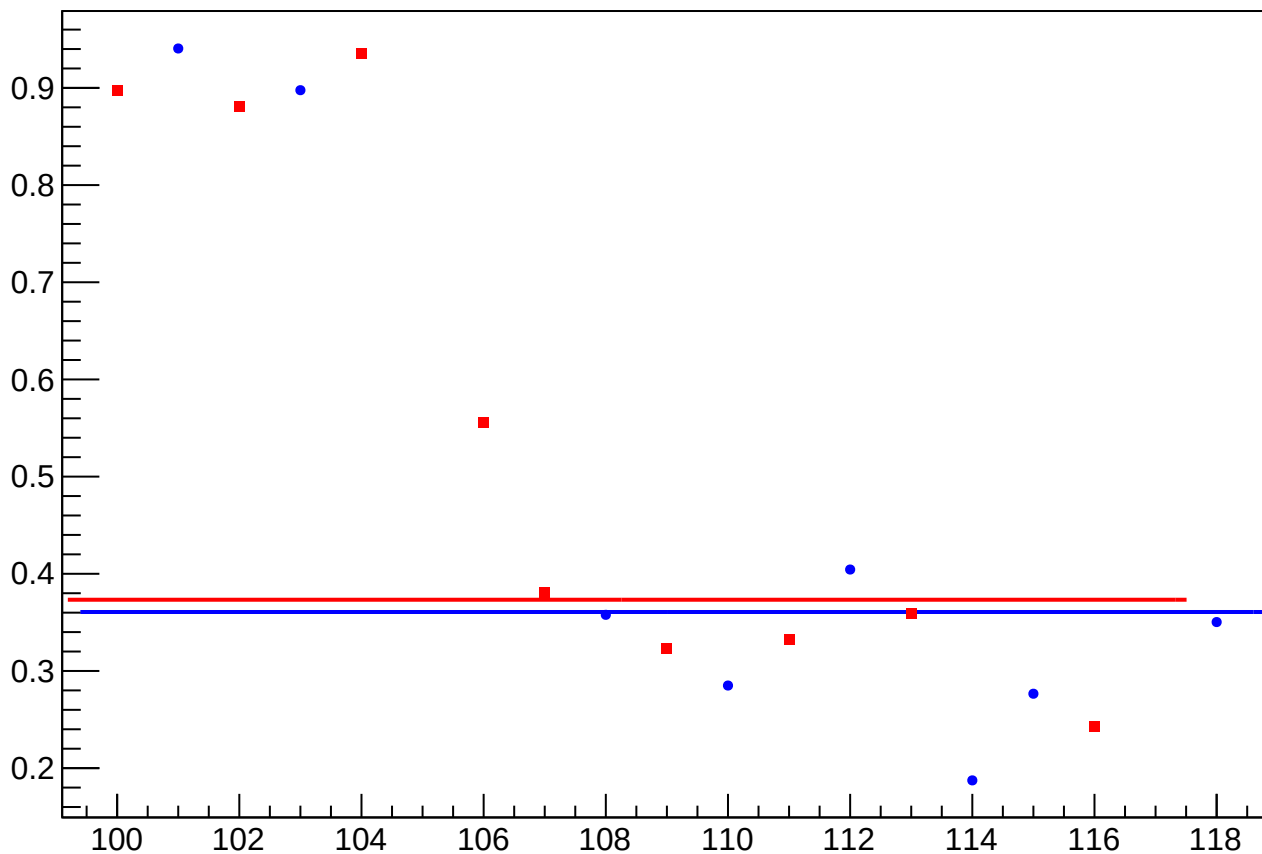
Right Out: 149.059 $\pm$ 0.000 χ^2 /NDF: 3329840253.5/8

All: 149.633 $\pm$ 0.000 χ^2 /NDF: 5122369334.4

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_us_rms vs Slug



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: 0.373+/-0.000 χ^2/NDF : 1064508.6/8

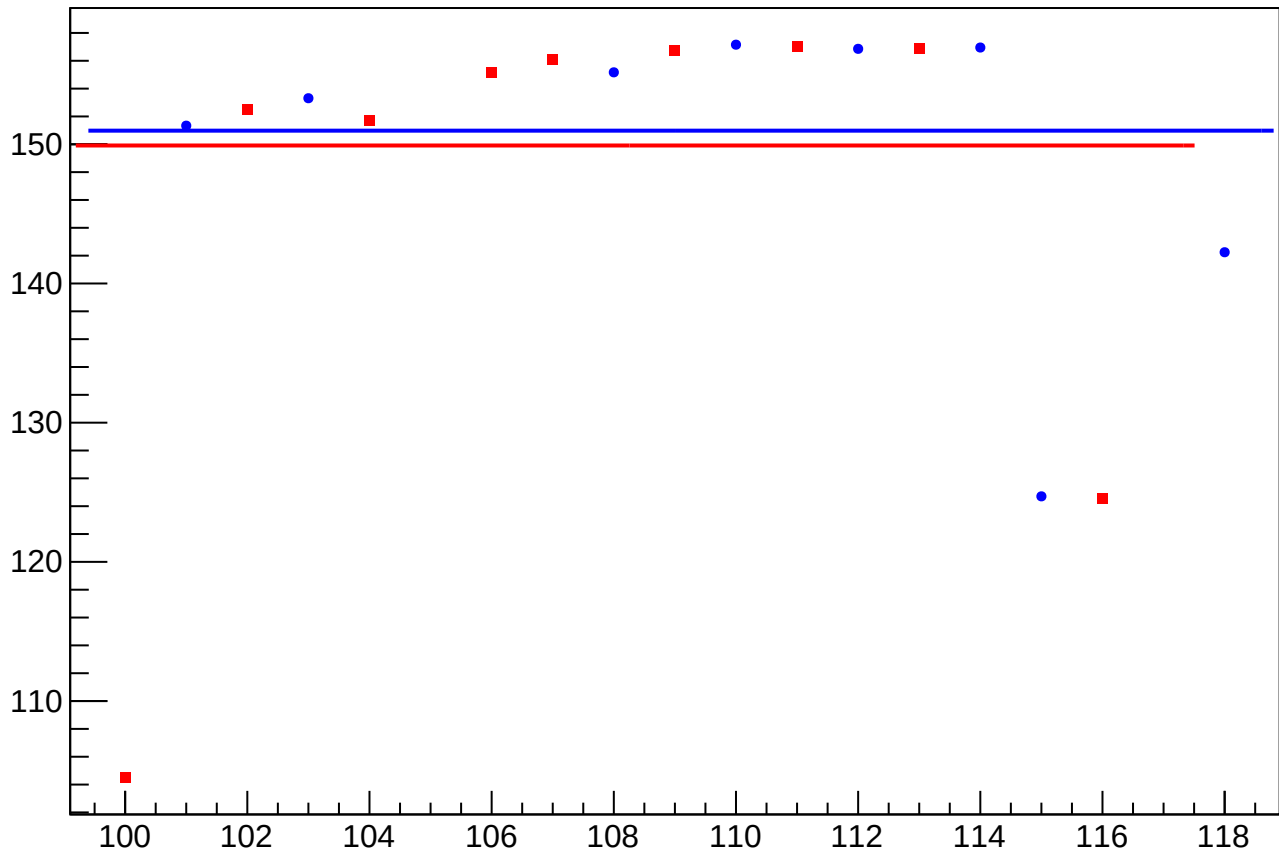
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.367+/-0.000 χ^2/NDF : 2210717.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 150.979 $\pm$ 0.000 χ^2 /NDF: 1798581711.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

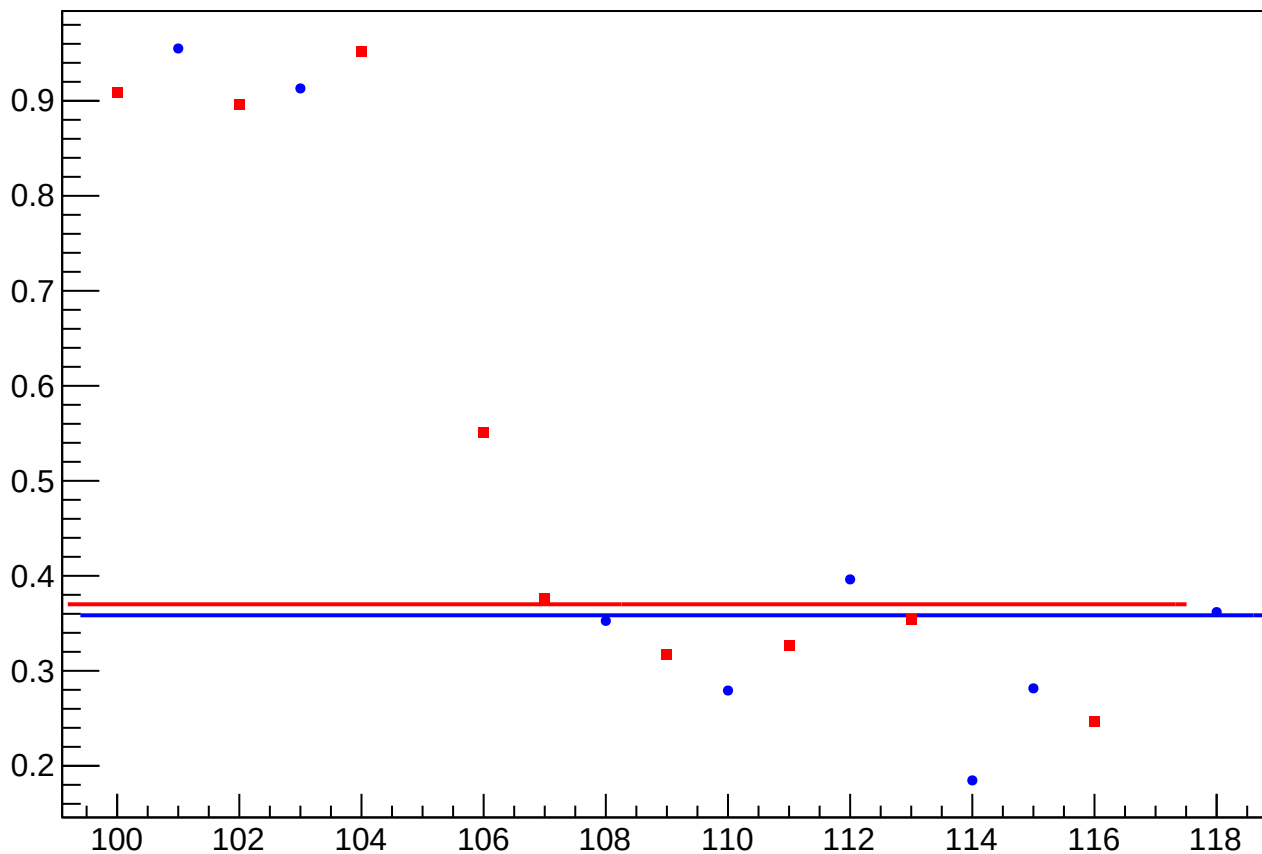
Right Out: 149.914 $\pm$ 0.000 χ^2 /NDF: 3340896080.9/8

All: 150.434 $\pm$ 0.000 χ^2 /NDF: 5150511628.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_rms vs Slug



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: 0.370+/-0.000 χ^2/NDF : 1081022.9/8

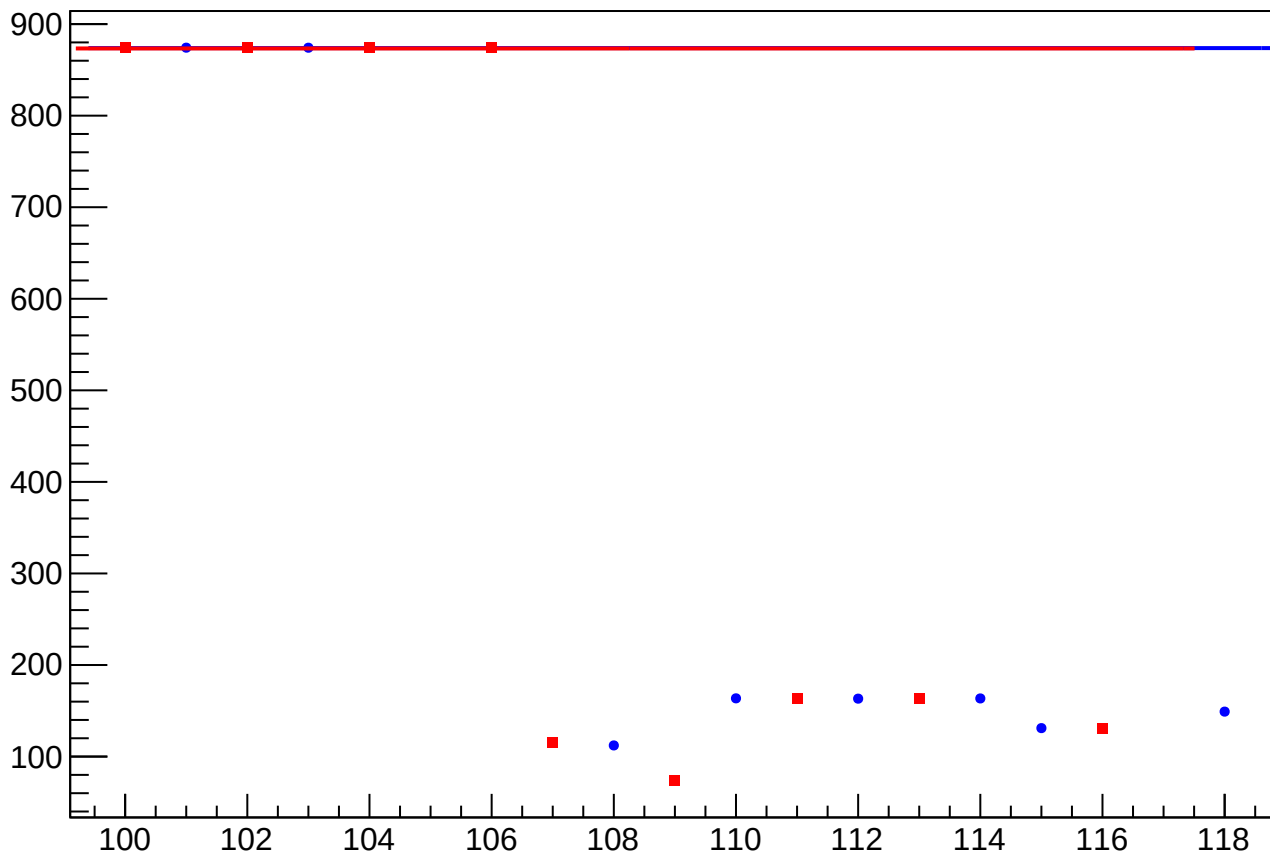
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.364+/-0.000 χ^2/NDF : 2257130.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.787 $\pm$ 0.000 χ^2 /NDF: 2259162074597.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

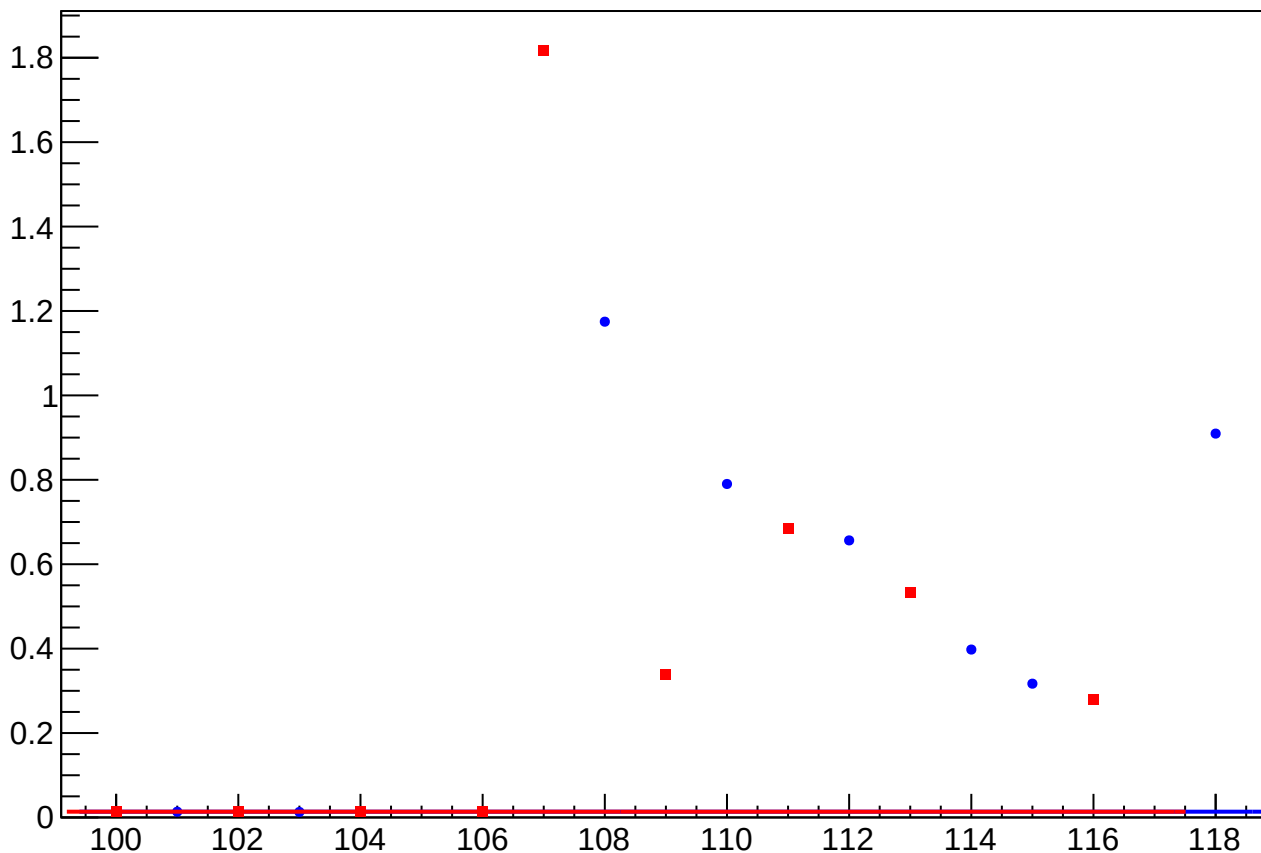
All: 873.574 $\pm$ 0.000 χ^2 /NDF: 720989307194

Right Out: 873.390 $\pm$ 0.000 χ^2 /NDF: 4950128258582.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 3364643.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 3039695.5/8

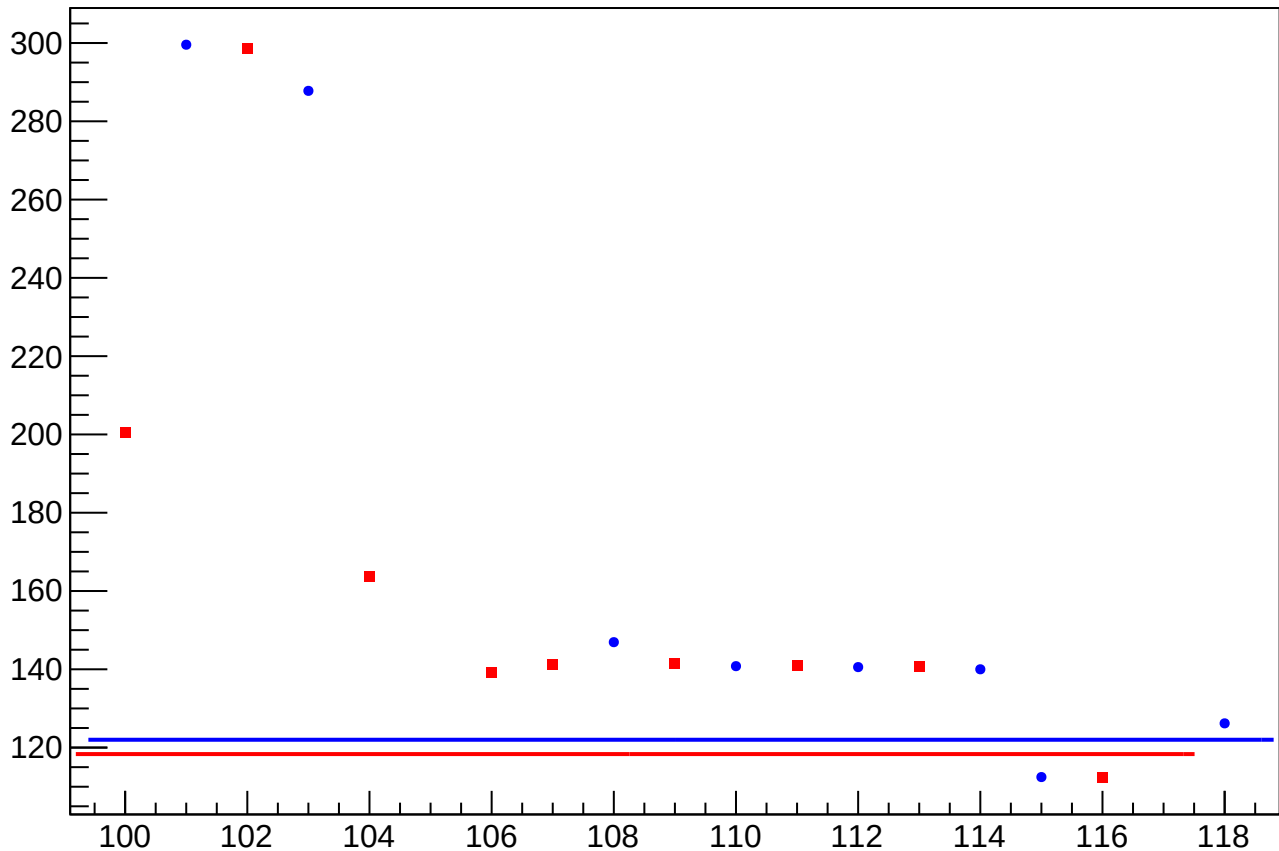
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 6404342.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 122.001 $\pm$ 0.001 χ^2 /NDF: 1170556203.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

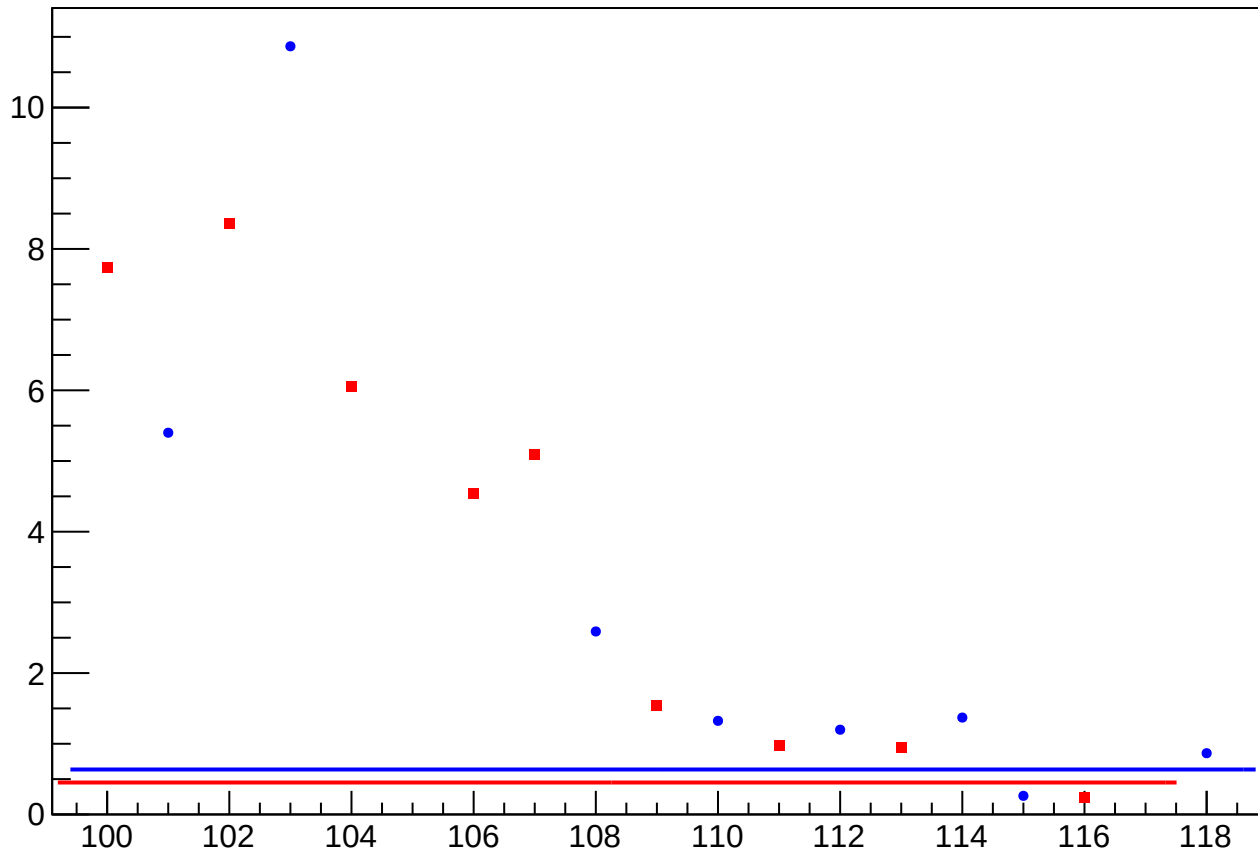
Right Out: 118.341 $\pm$ 0.000 χ^2 /NDF: 961348132.9/8

All: 119.730 $\pm$ 0.000 χ^2 /NDF: 2157710914.7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_rms vs Slug



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: 0.452 $\pm$ 0.000 χ^2 /NDF: 3942424.7/8

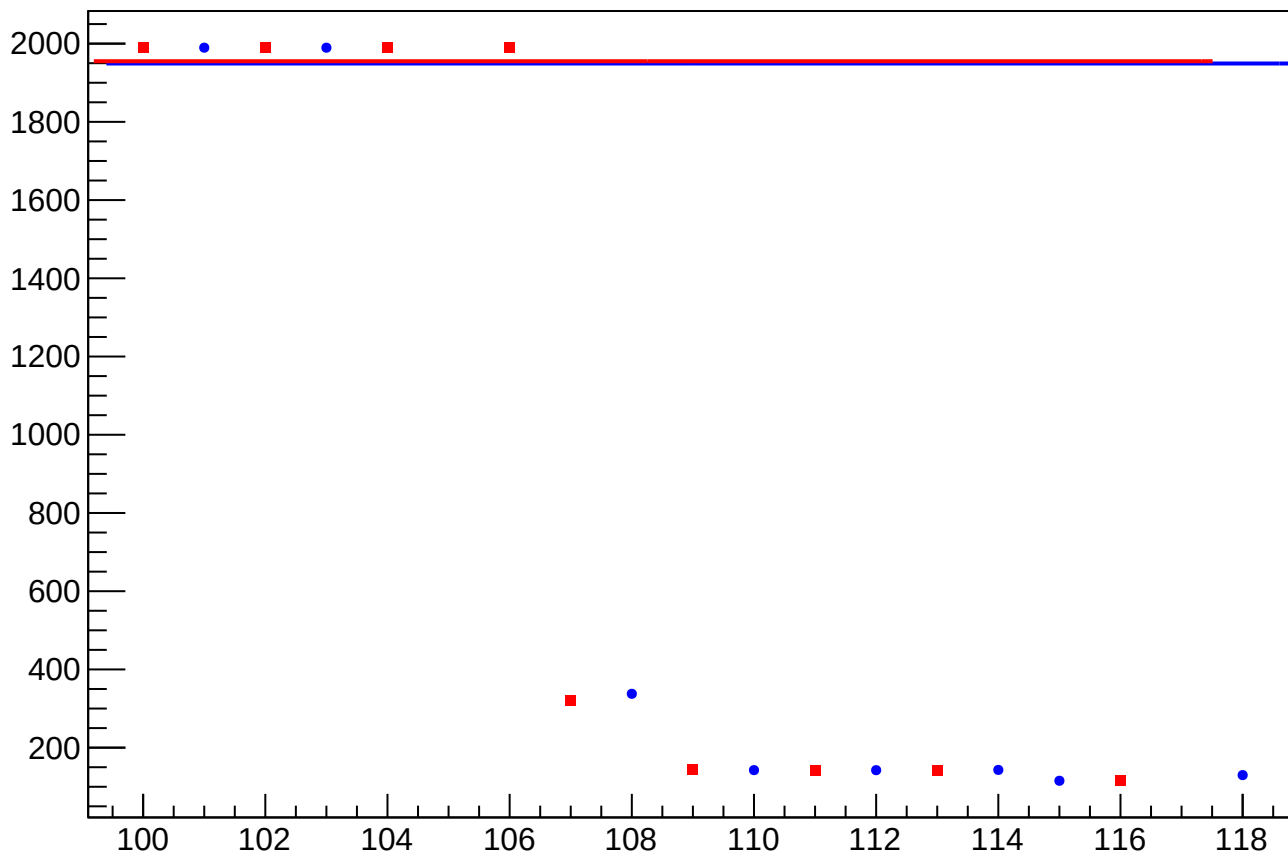
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.522 $\pm$ 0.000 χ^2 /NDF: 7424819.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1949.200+/-0.000 χ^2/NDF : 39299390063940.9/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

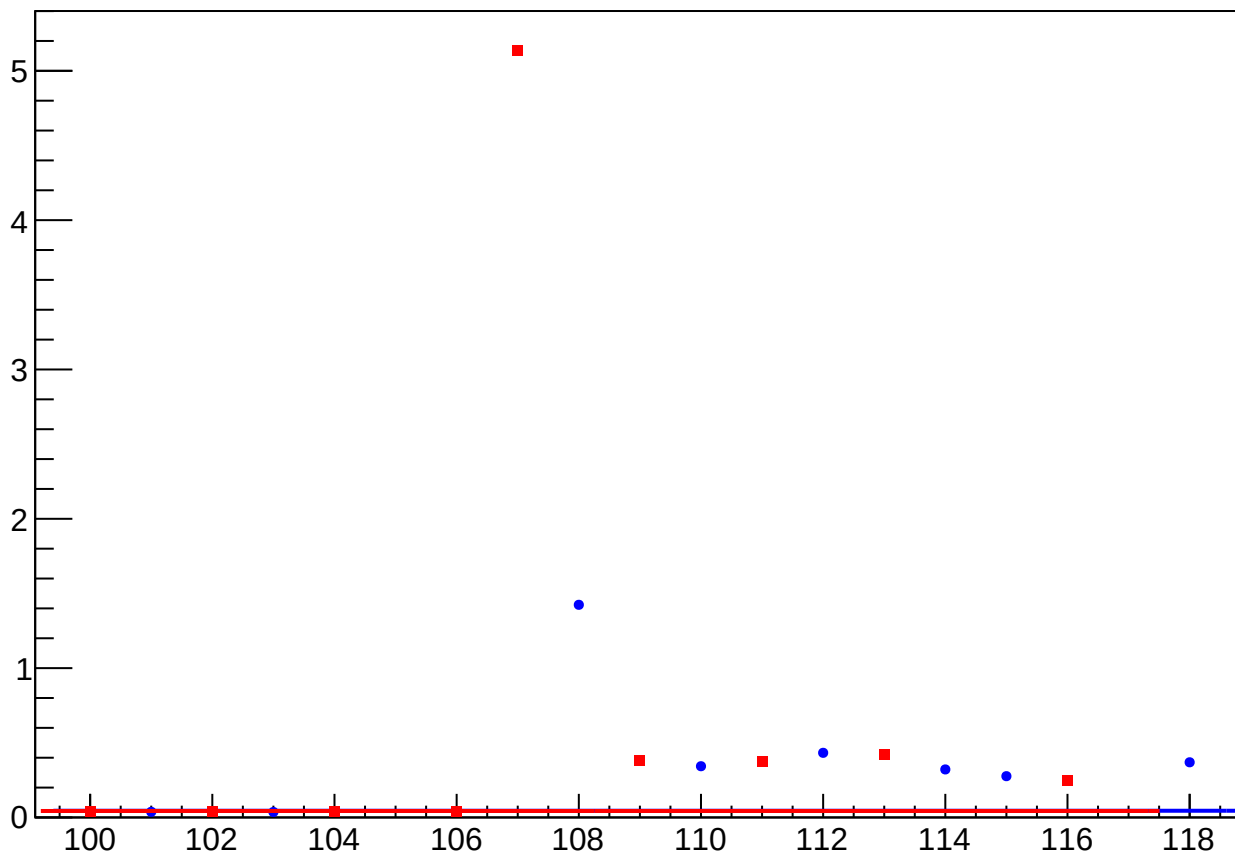
All: 1952.359+/-0.000 χ^2/NDF : 79217560962

Right Out: 1955.032+/-0.000 χ^2/NDF : 39908295611402.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug



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: 0.043+/-0.000 χ^2/NDF : 2591096.8/8

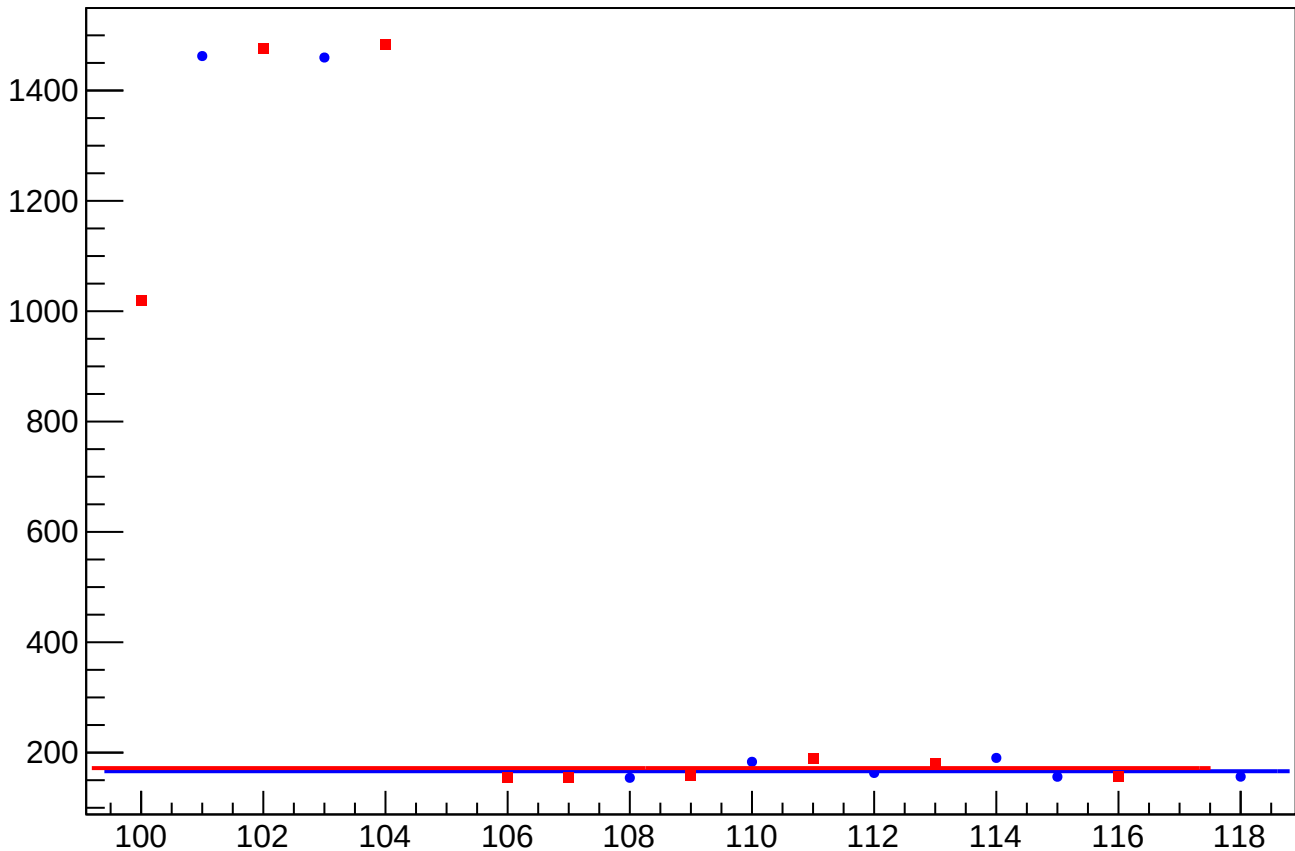
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 5581958.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 166.257+/-0.001 χ^2/NDF : 14324068794.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

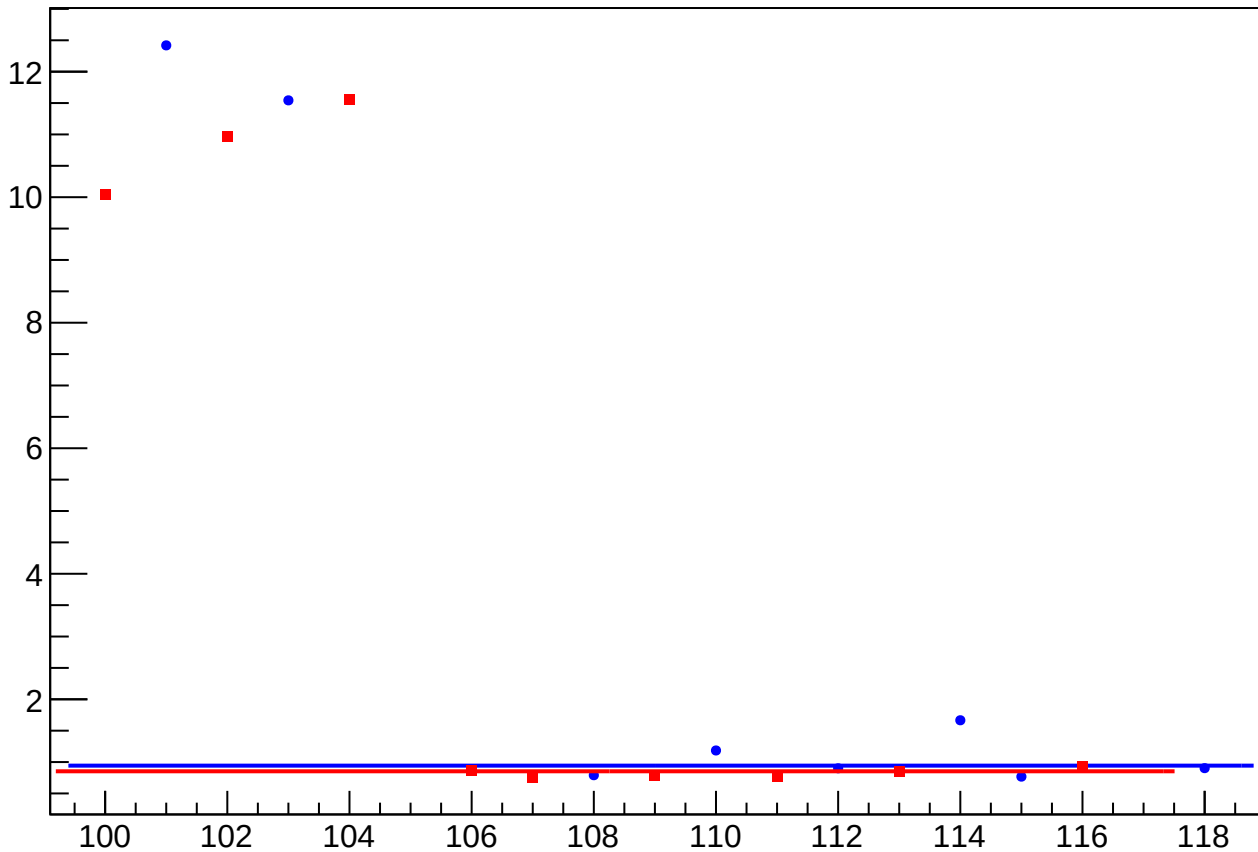
Right Out: 171.915+/-0.001 χ^2/NDF : 16035591337.5/8

All: 169.459+/-0.000 χ^2/NDF : 30393960371.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.943 $\pm$ 0.001 χ^2 /NDF: 2139245.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.853 $\pm$ 0.000 χ^2 /NDF: 2029476.5/8

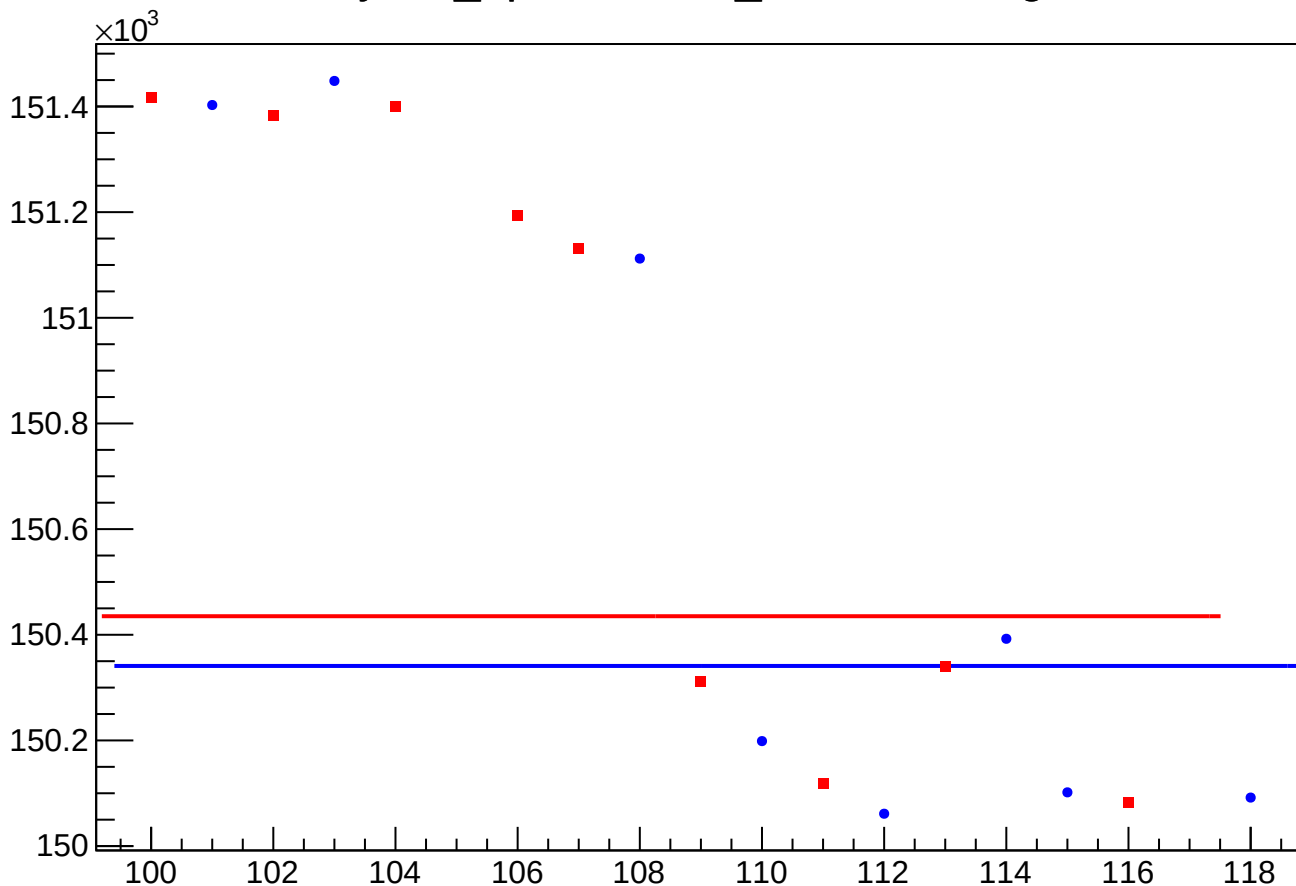
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.892 $\pm$ 0.000 χ^2 /NDF: 4186168.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150340.992 $\pm$ 0.077 χ^2 /NDF: 32107637.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

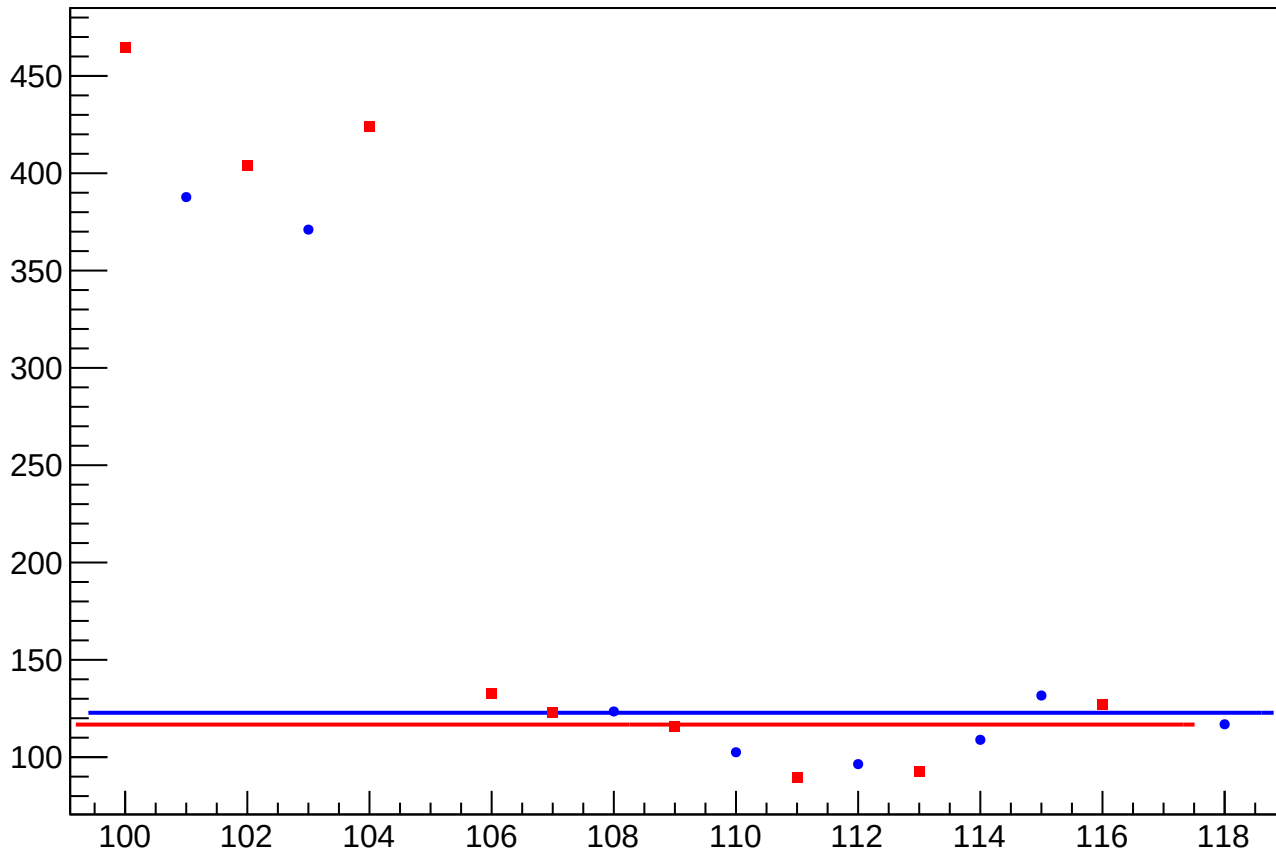
Right Out: 150435.128 $\pm$ 0.071 χ^2 /NDF: 32882687.1/8

All: 150391.701 $\pm$ 0.052 χ^2 /NDF: 65798650.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 122.805 $\pm$ 0.054 χ^2 /NDF: 1221501.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.744 $\pm$ 0.050 χ^2 /NDF: 1430417.0/8

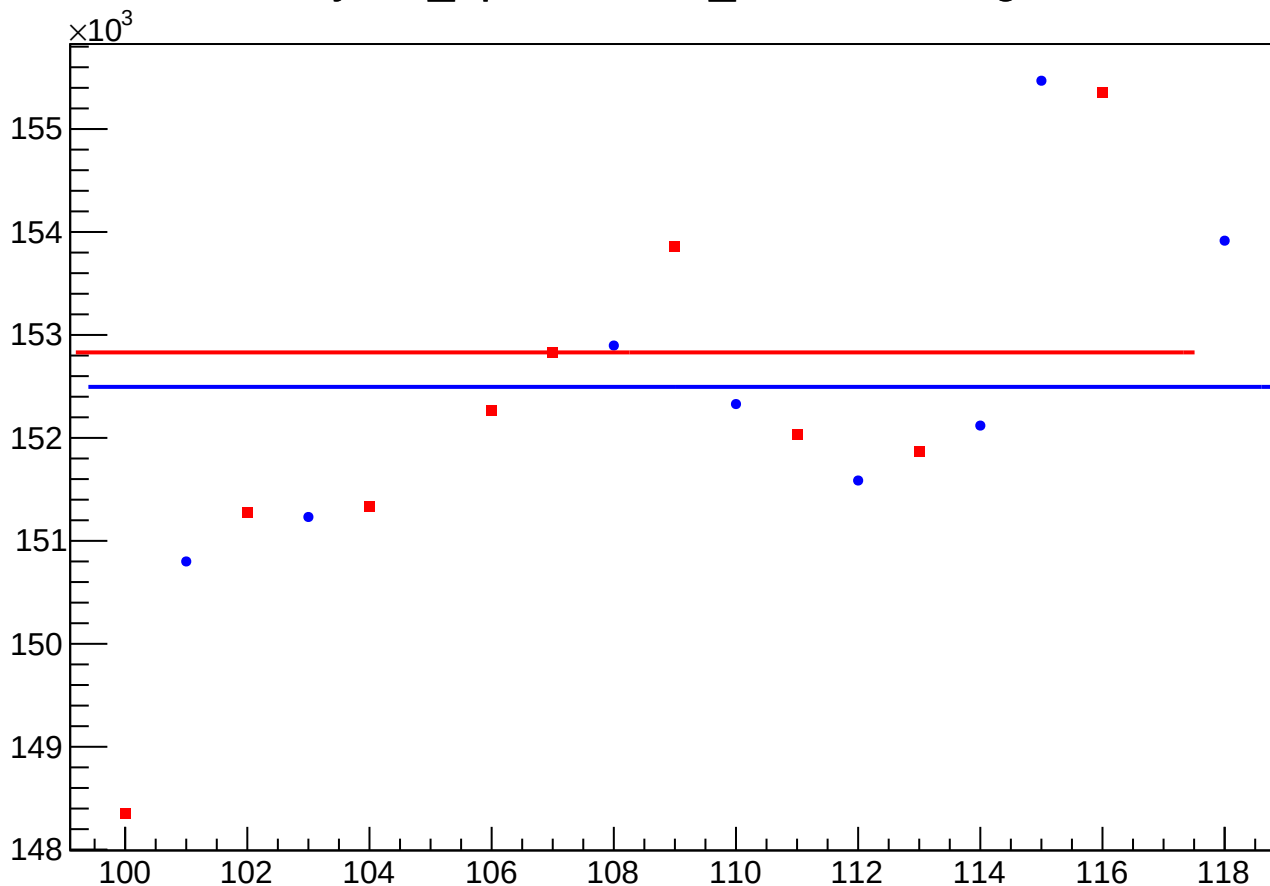
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.540 $\pm$ 0.037 χ^2 /NDF: 2658620.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152495.606 $\pm$ 0.118 χ^2 /NDF: 84447572.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

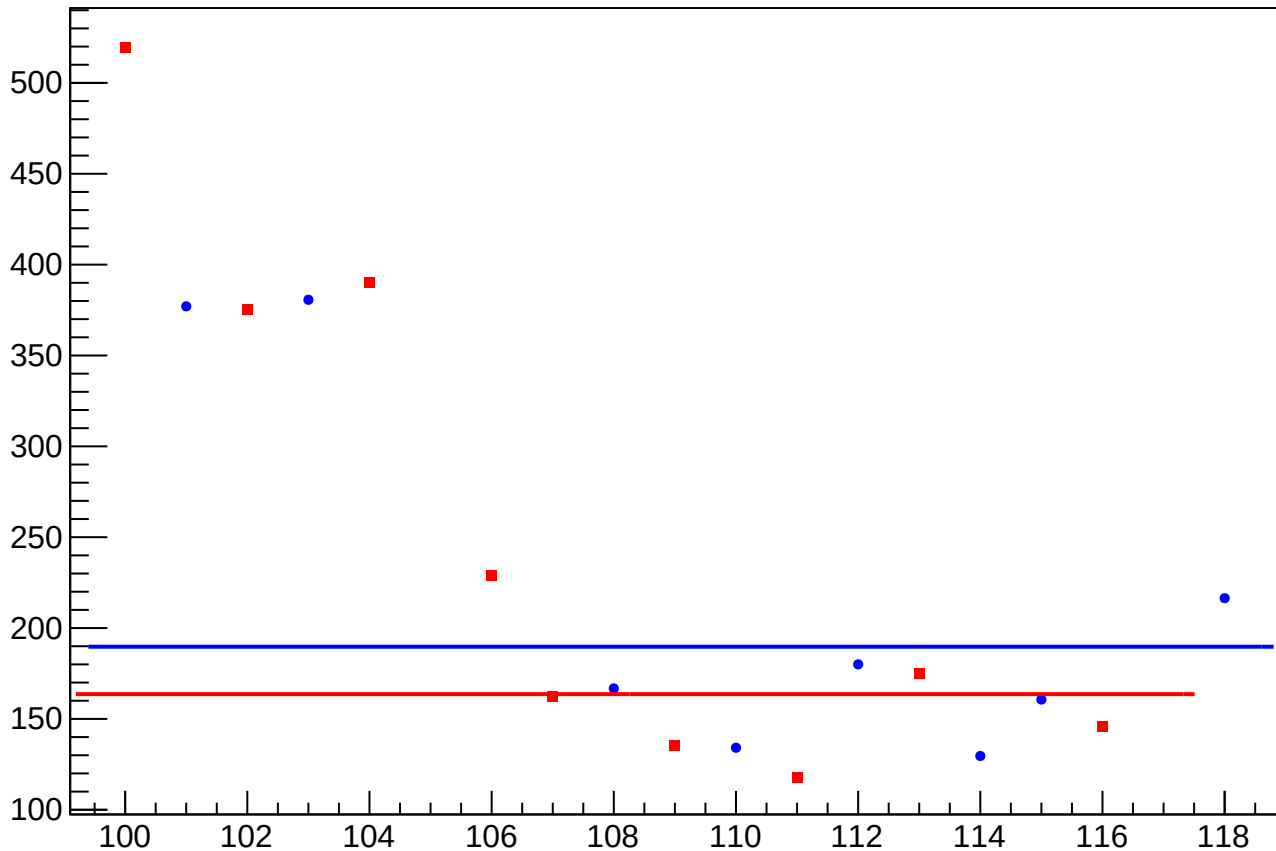
Right Out: 152830.405 $\pm$ 0.100 χ^2 /NDF: 146099588.2/8

All: 152690.742 $\pm$ 0.077 χ^2 /NDF: 235202204

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



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: 163.635+/-0.071 χ^2/NDF : 1048234.1/8

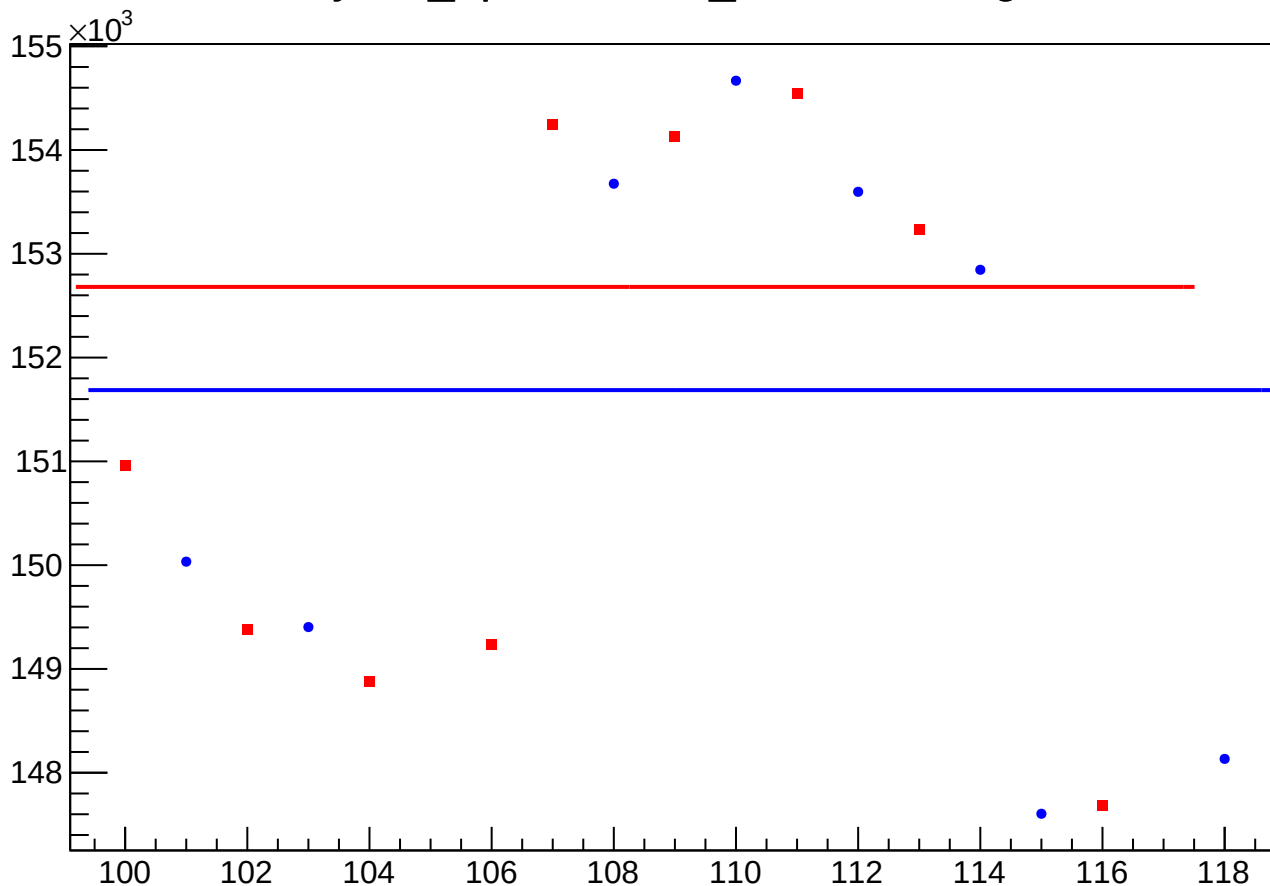
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.524+/-0.054 χ^2/NDF : 1922704.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 151686.569 $\pm$ 0.091 χ^2 /NDF: 929500271.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

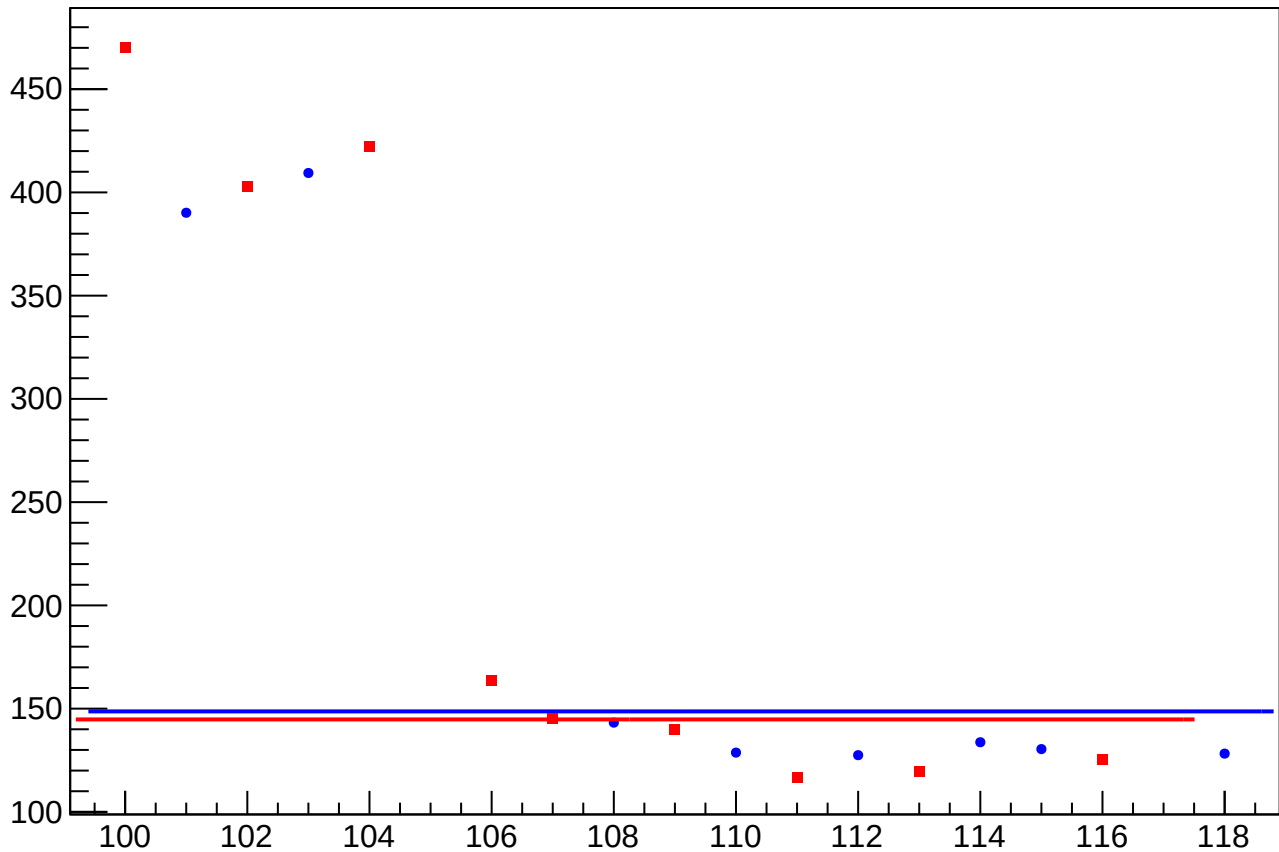
Right Out: 152680.990 $\pm$ 0.088 χ^2 /NDF: 772611695.8/8

All: 152202.946 $\pm$ 0.063 χ^2 /NDF: 176390283

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



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: 144.770 $\pm$ 0.062 χ^2 /NDF: 1155181.2/8

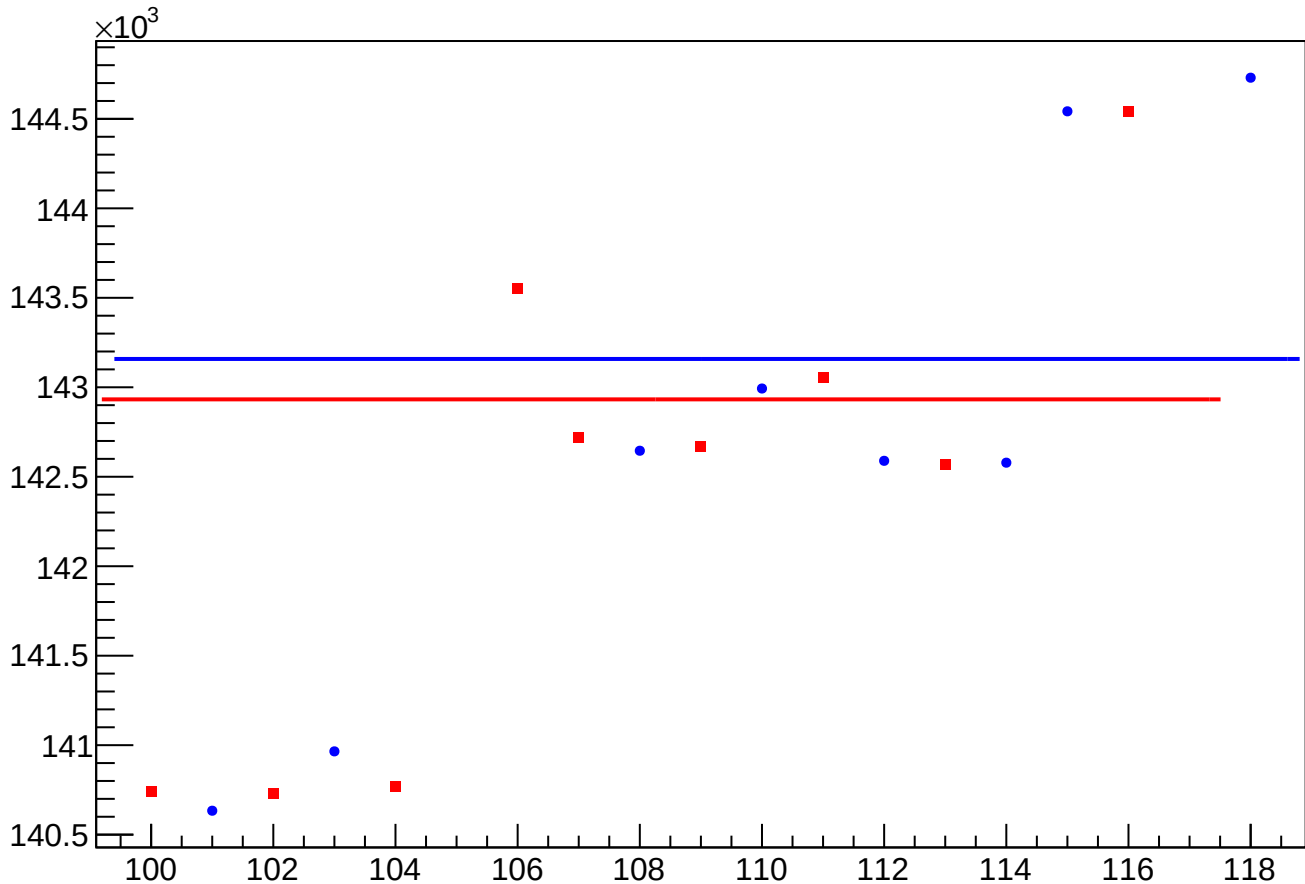
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.641 $\pm$ 0.045 χ^2 /NDF: 2225075.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 143158.286 $\pm$ 0.074 χ^2 /NDF: 202013929.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

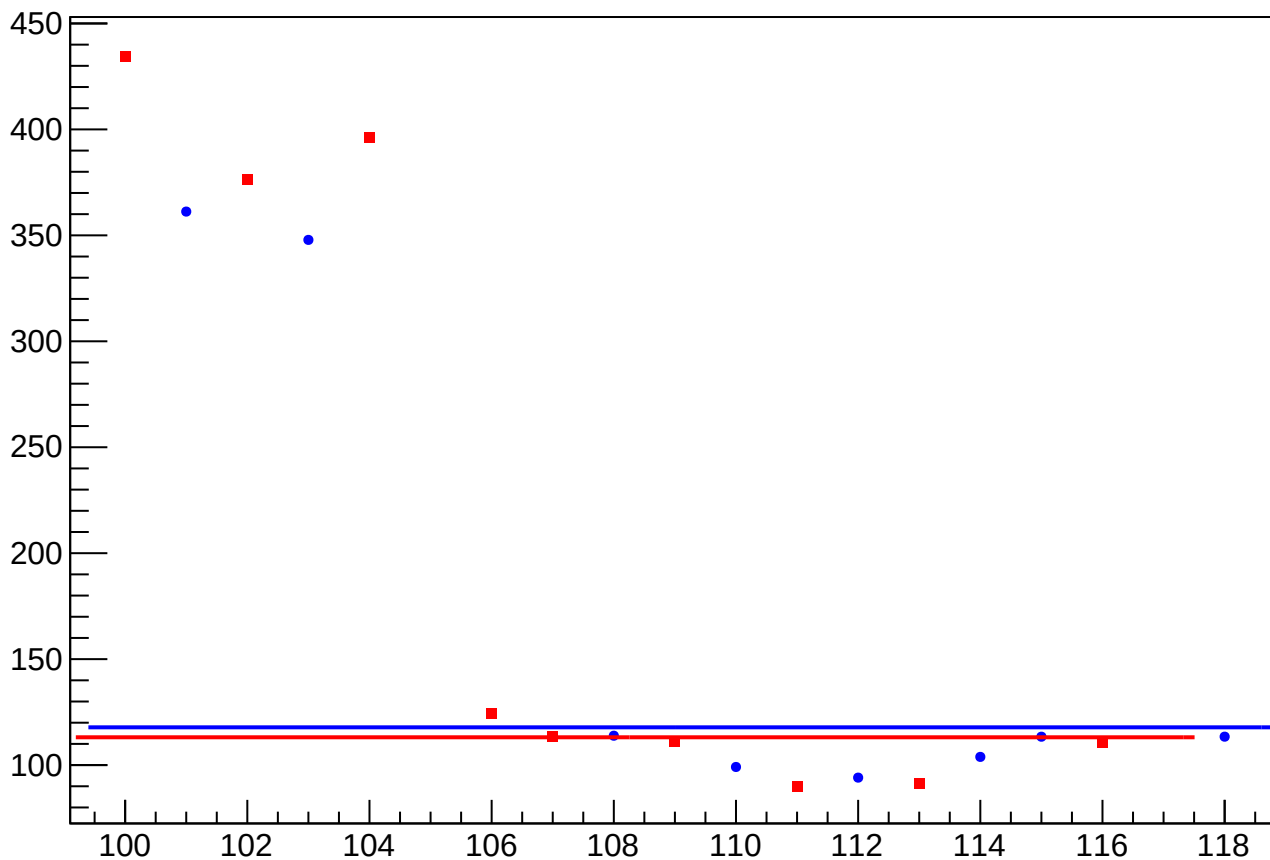
Right Out: 142932.440 $\pm$ 0.068 χ^2 /NDF: 111237183.1/8

All: 143037.263 $\pm$ 0.050 χ^2 /NDF: 31830740

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 117.819 $\pm$ 0.052 χ^2 /NDF: 1183062.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 113.119 $\pm$ 0.048 χ^2 /NDF: 1353766.2/8

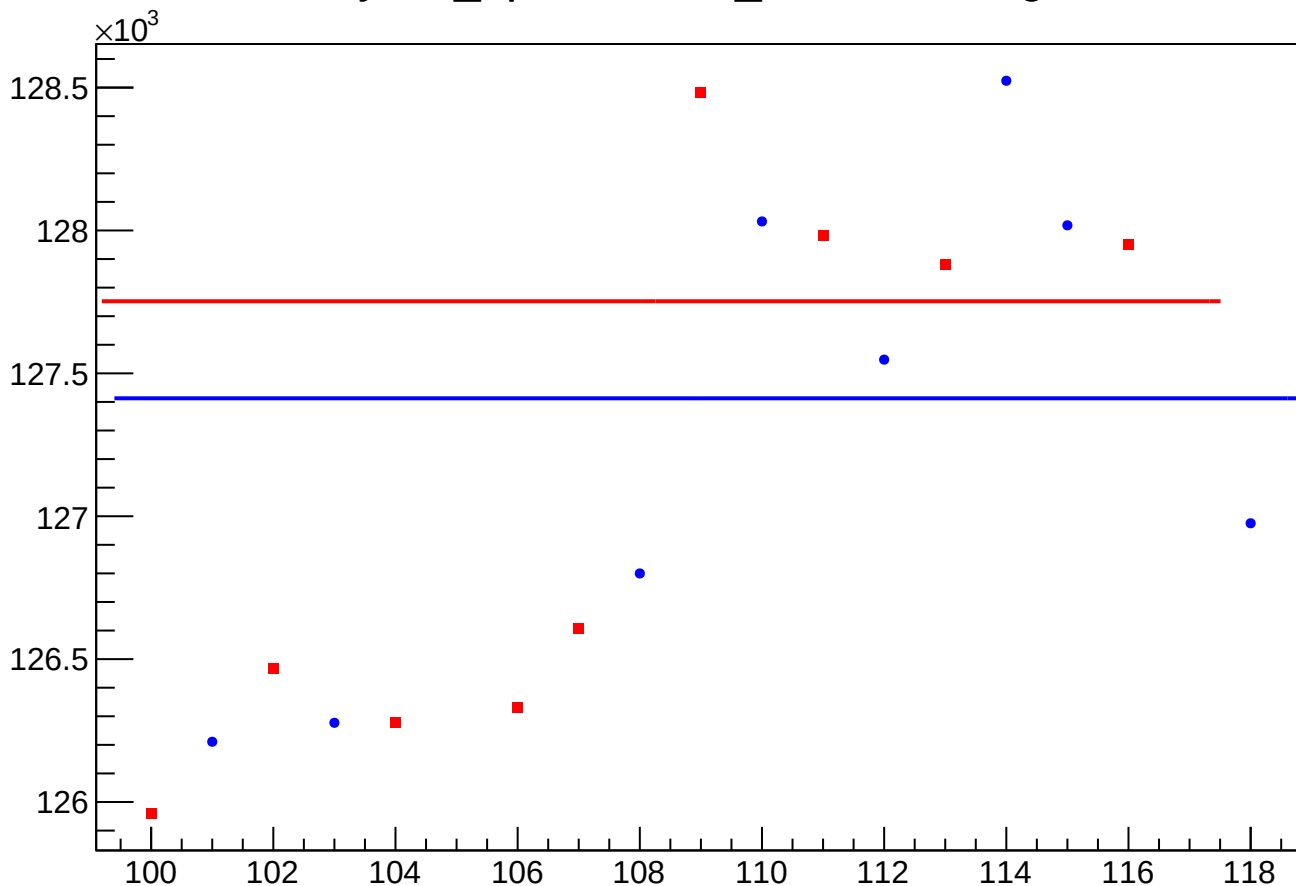
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.300 $\pm$ 0.035 χ^2 /NDF: 2541208.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127412.667 $\pm$ 0.091 χ^2 /NDF: 54613518.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

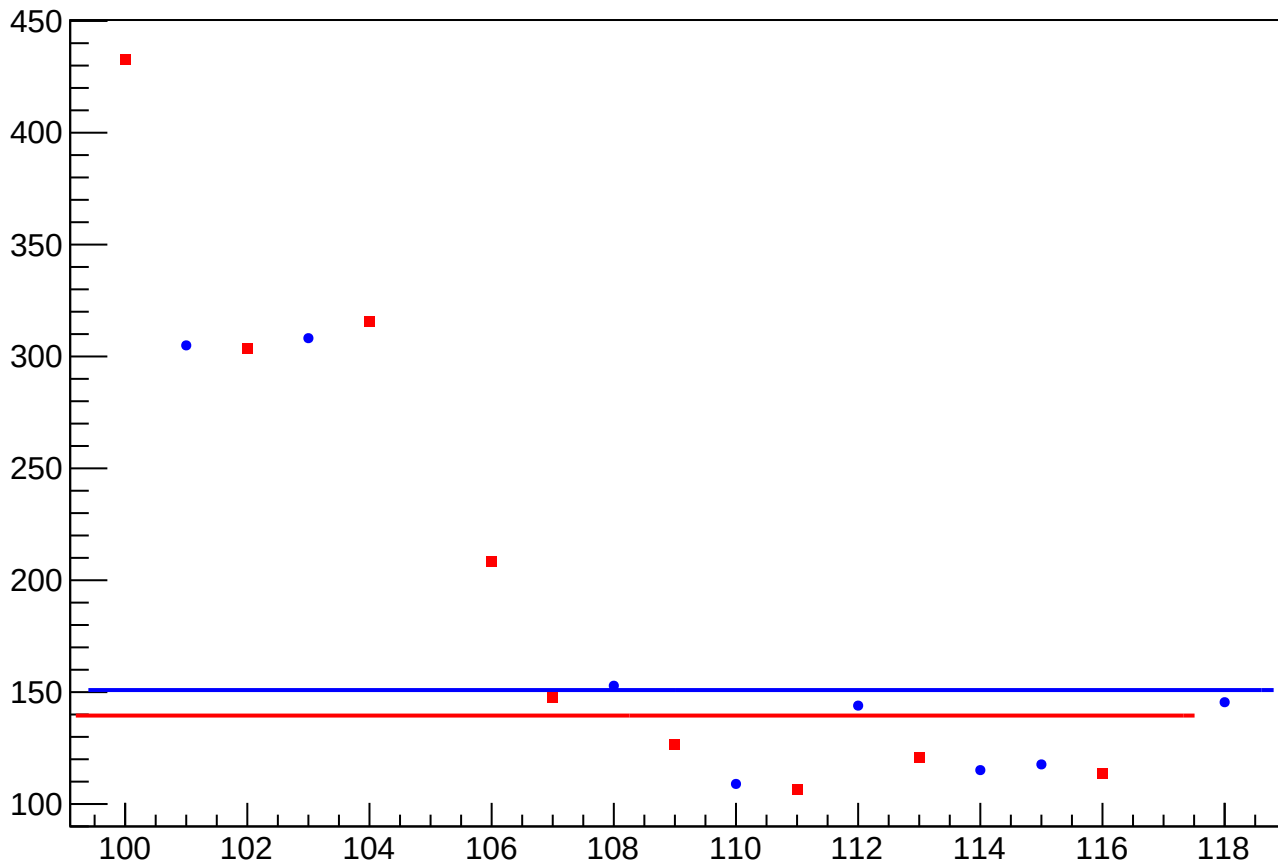
All: 127598.922 $\pm$ 0.061 χ^2 /NDF: 133459519

Right Out: 127752.315 $\pm$ 0.082 χ^2 /NDF: 71135731.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 150.924 $\pm$ 0.064 χ^2 /NDF: 798446.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.527 $\pm$ 0.058 χ^2 /NDF: 968360.7/8

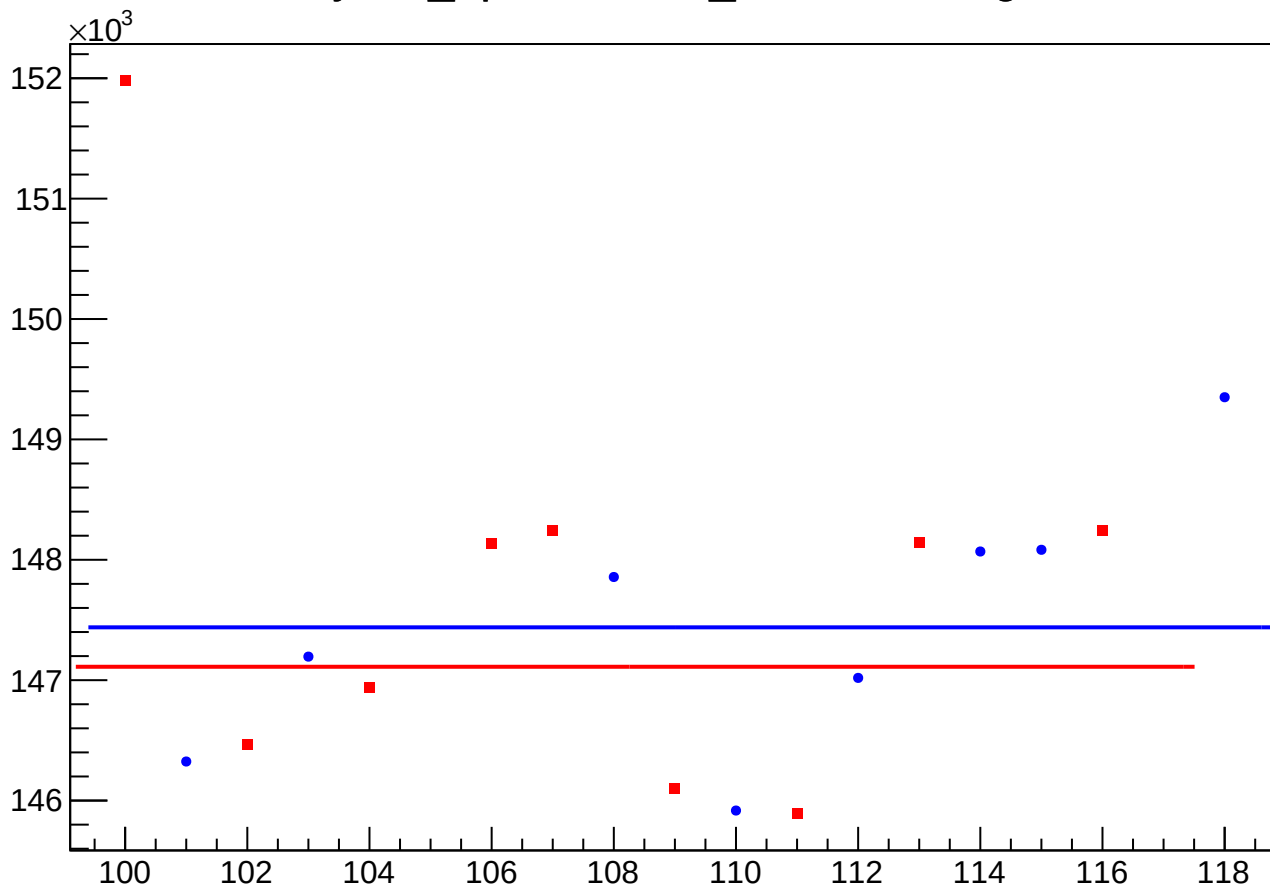
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.674 $\pm$ 0.043 χ^2 /NDF: 1784172.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 147438.907 $\pm$ 0.137 χ^2 /NDF: 53834250.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

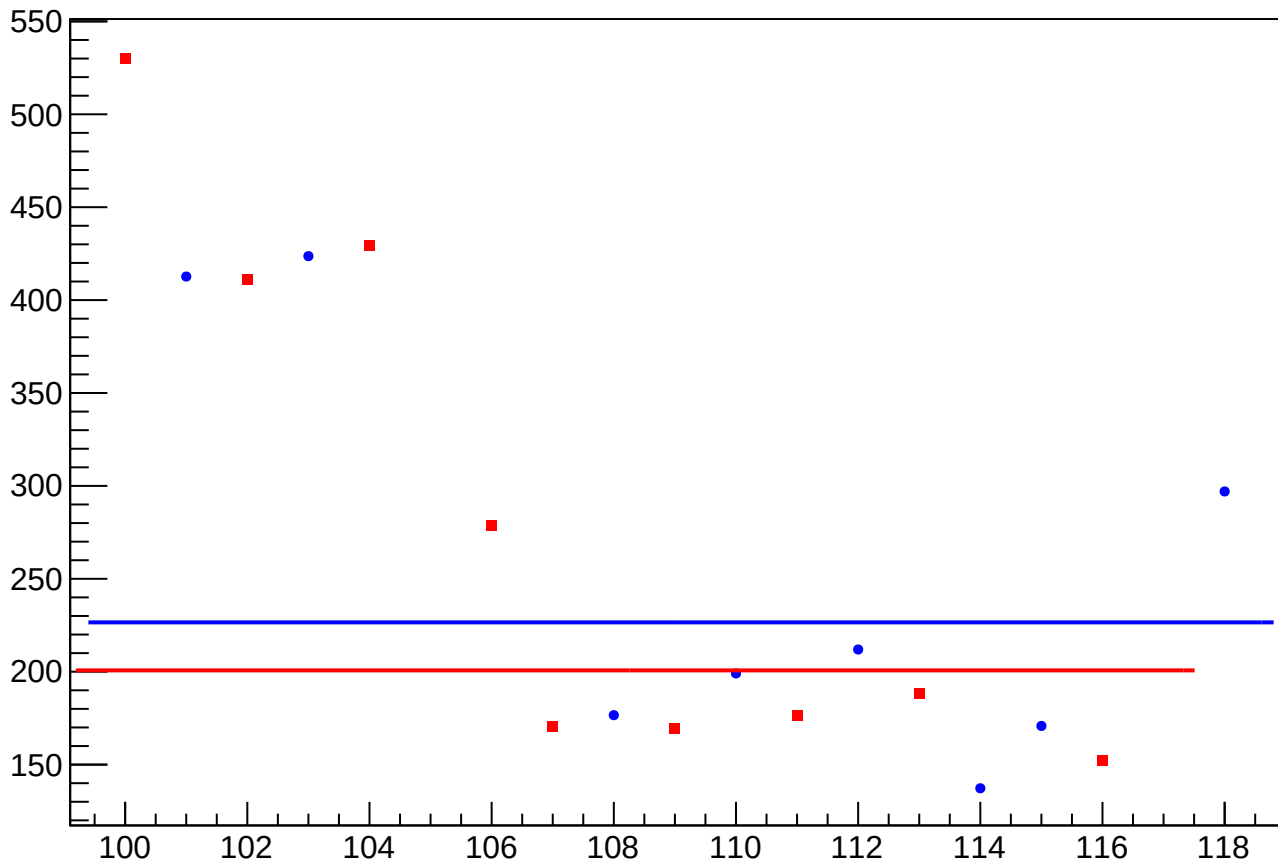
Right Out: 147111.404 $\pm$ 0.118 χ^2 /NDF: 85947356.0/8

All: 147251.672 $\pm$ 0.089 χ^2 /NDF: 14306996.0/15

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug



Right In: 226.547 $\pm$ 0.097 χ^2 /NDF: 785129.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 200.715 $\pm$ 0.084 χ^2 /NDF: 846938.4/8

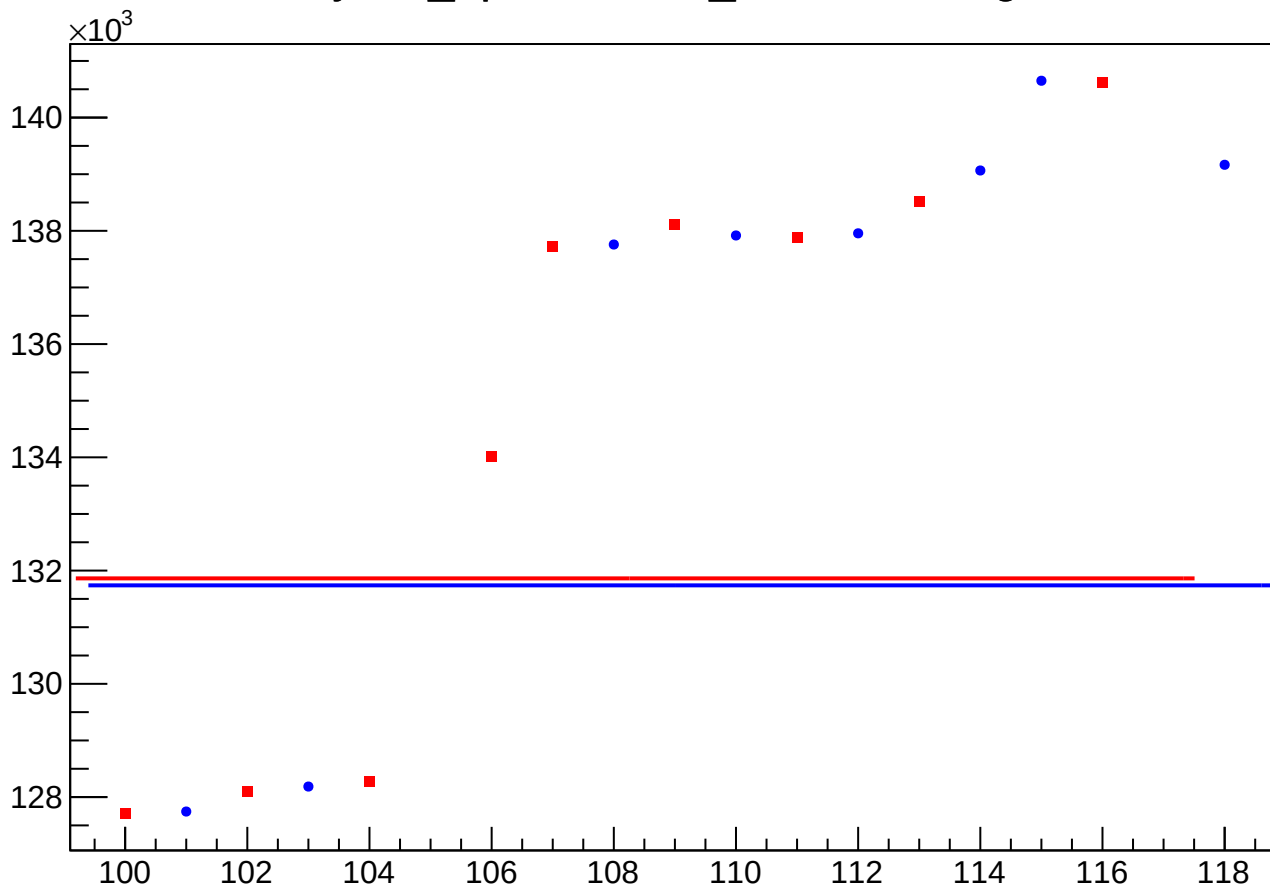
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.779 $\pm$ 0.063 χ^2 /NDF: 1672984.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 131739.038 $\pm$ 0.226 χ^2 /NDF: 501844400.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

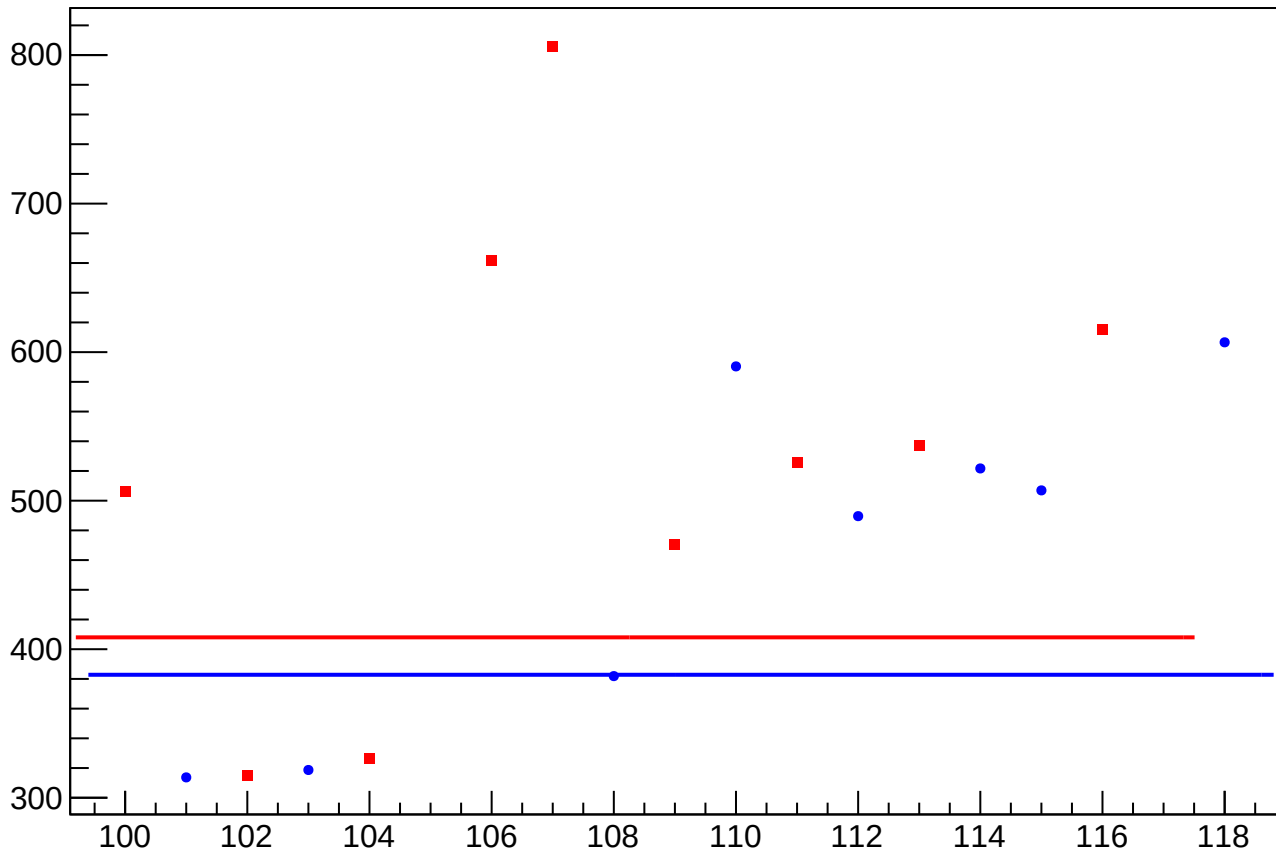
Right Out: 131862.281 $\pm$ 0.231 χ^2 /NDF: 437100792.4/8

All: 131799.053 $\pm$ 0.162 χ^2 /NDF: 939090598

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug



Right In: 382.791+/-0.159 χ^2/NDF : 409891.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 407.979+/-0.164 χ^2/NDF : 546271.5/8

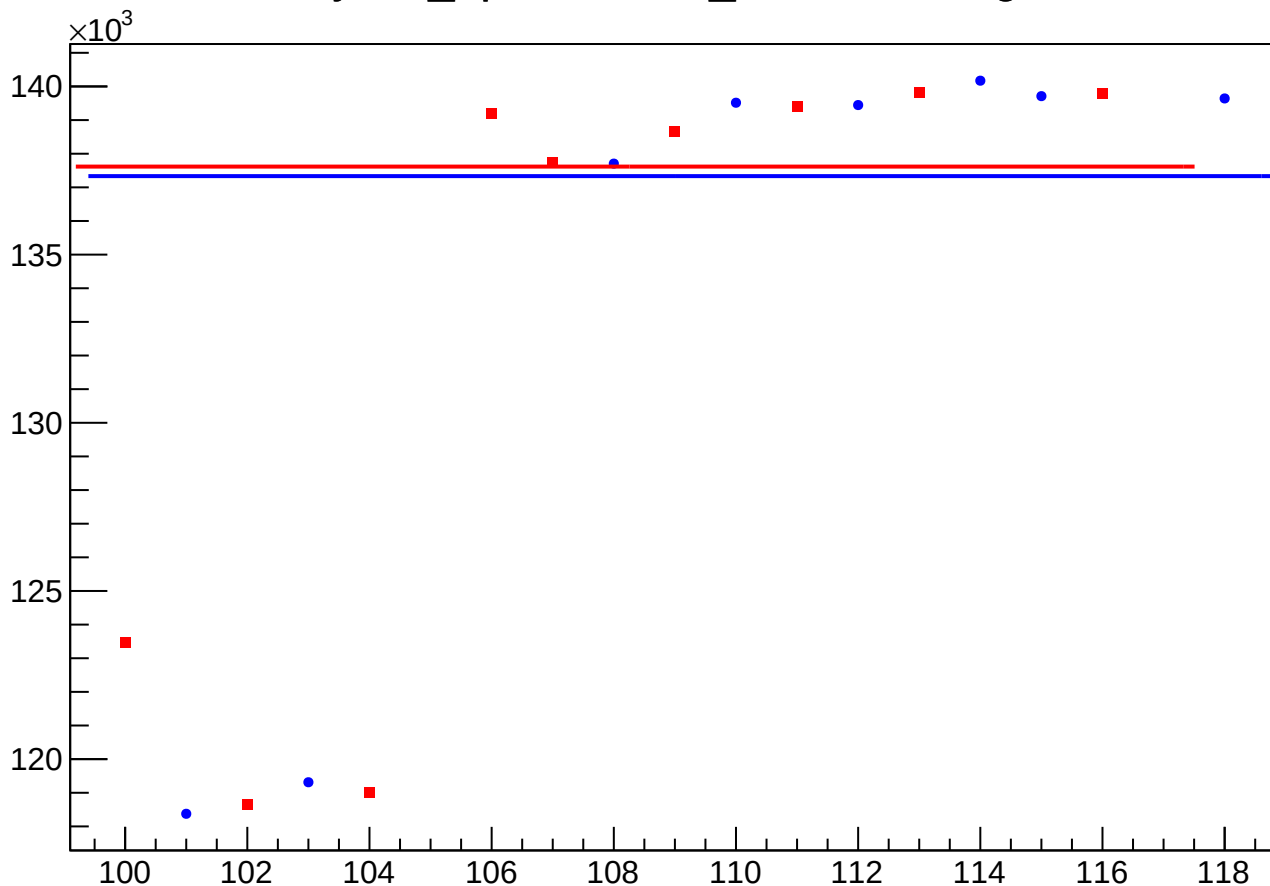
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.057+/-0.114 χ^2/NDF : 968311.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 137333.978 $\pm$ 0.093 χ^2 /NDF: 4334234986.5/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

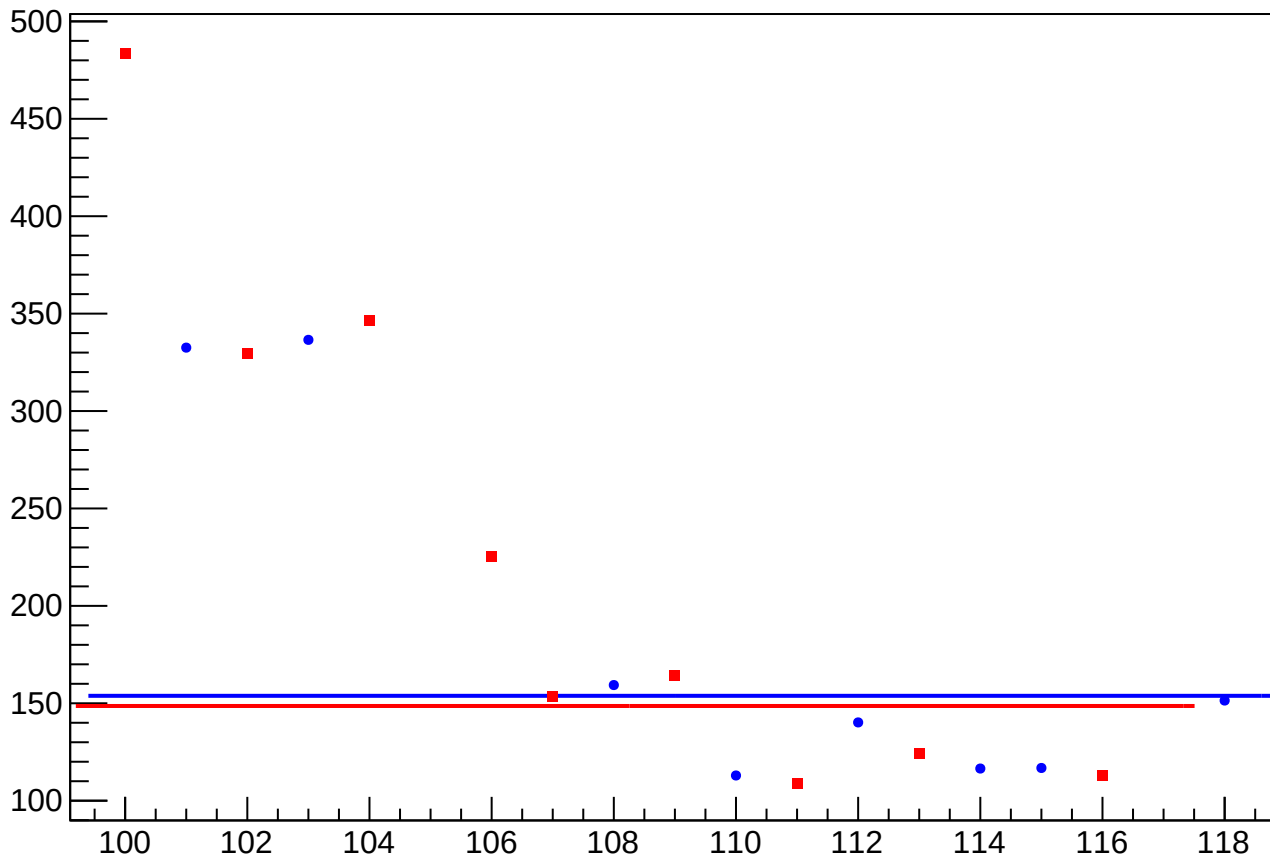
All: 137483.122 $\pm$ 0.064 χ^2 /NDF: 842225840

Right Out: 137617.424 $\pm$ 0.088 χ^2 /NDF: 4083132346.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug



Right In: 153.834 $\pm$ 0.066 χ^2 /NDF: 883943.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.616 $\pm$ 0.062 χ^2 /NDF: 1070916.6/8

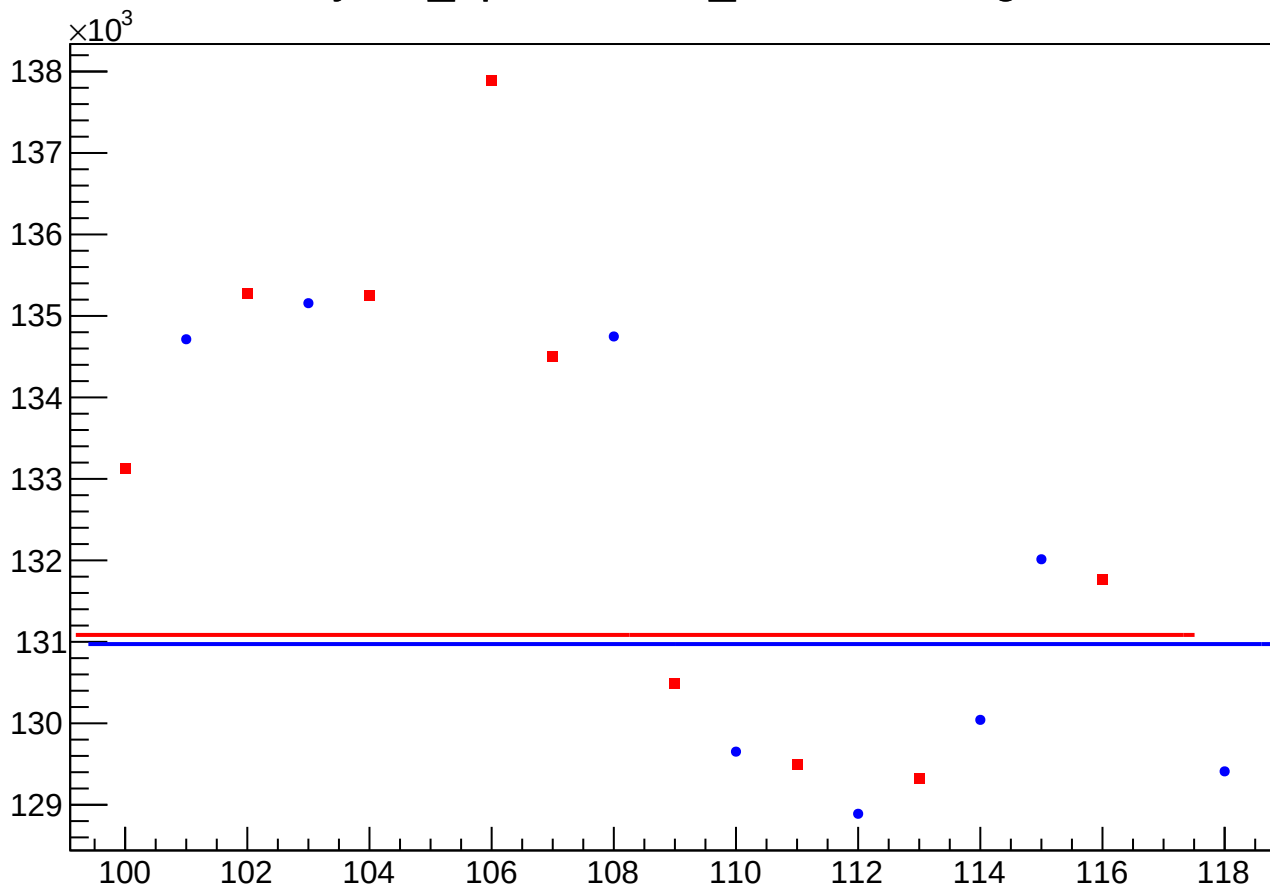
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.088 $\pm$ 0.045 χ^2 /NDF: 1958174.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_mean vs Slug



Right In: 130972.685 $\pm$ 0.106 χ^2 /NDF: 499404446.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

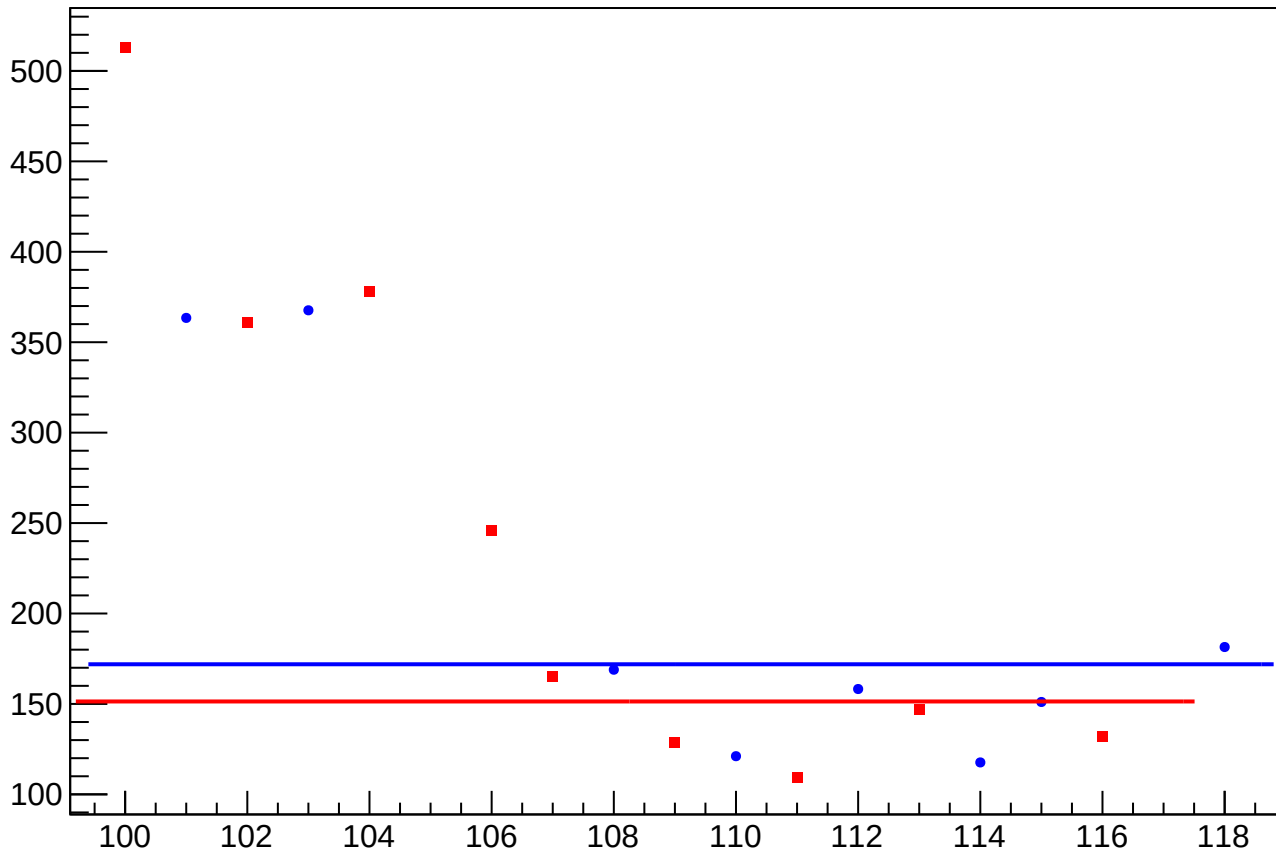
Right Out: 131084.983 $\pm$ 0.092 χ^2 /NDF: 621510111.2/8

All: 131036.726 $\pm$ 0.069 χ^2 /NDF: 112155533

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug



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: 151.361+/-0.065 χ^2/NDF : 1131472.7/8

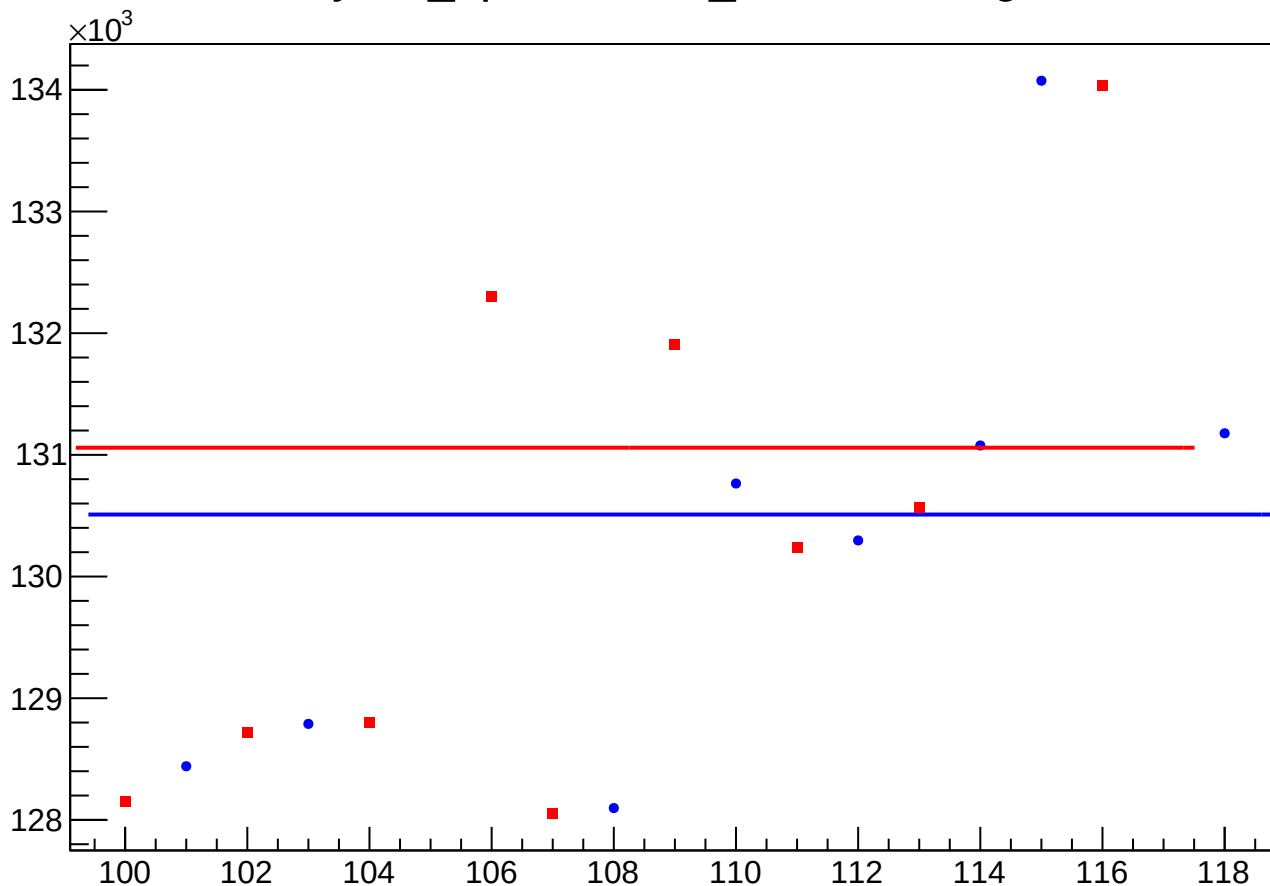
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.200+/-0.049 χ^2/NDF : 2058590.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 130509.562 $\pm$ 0.089 χ^2 /NDF: 294289726.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

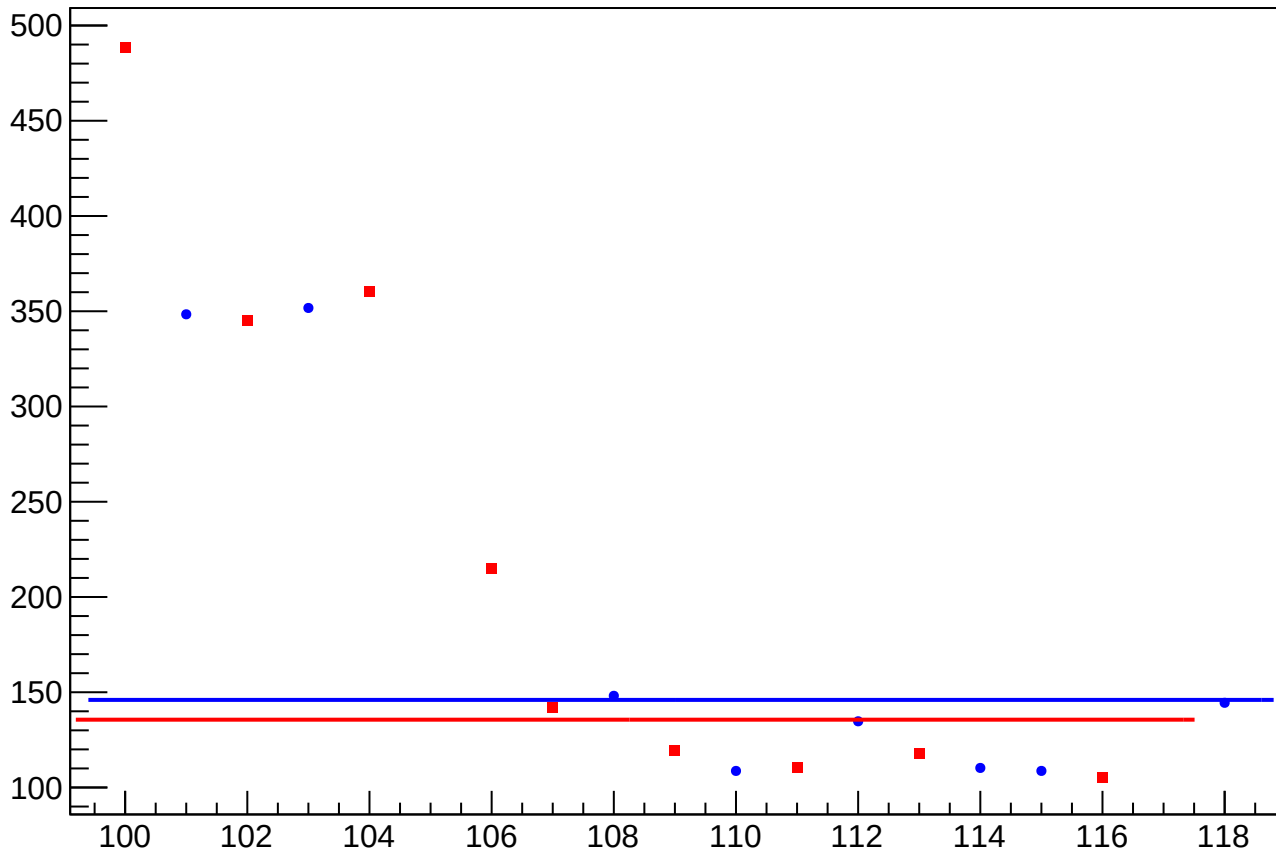
Right Out: 131058.837 $\pm$ 0.081 χ^2 /NDF: 423189565.7/8

All: 130809.474 $\pm$ 0.060 χ^2 /NDF: 738210270

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug



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: 135.596+/-0.057 χ^2/NDF : 1155608.9/8

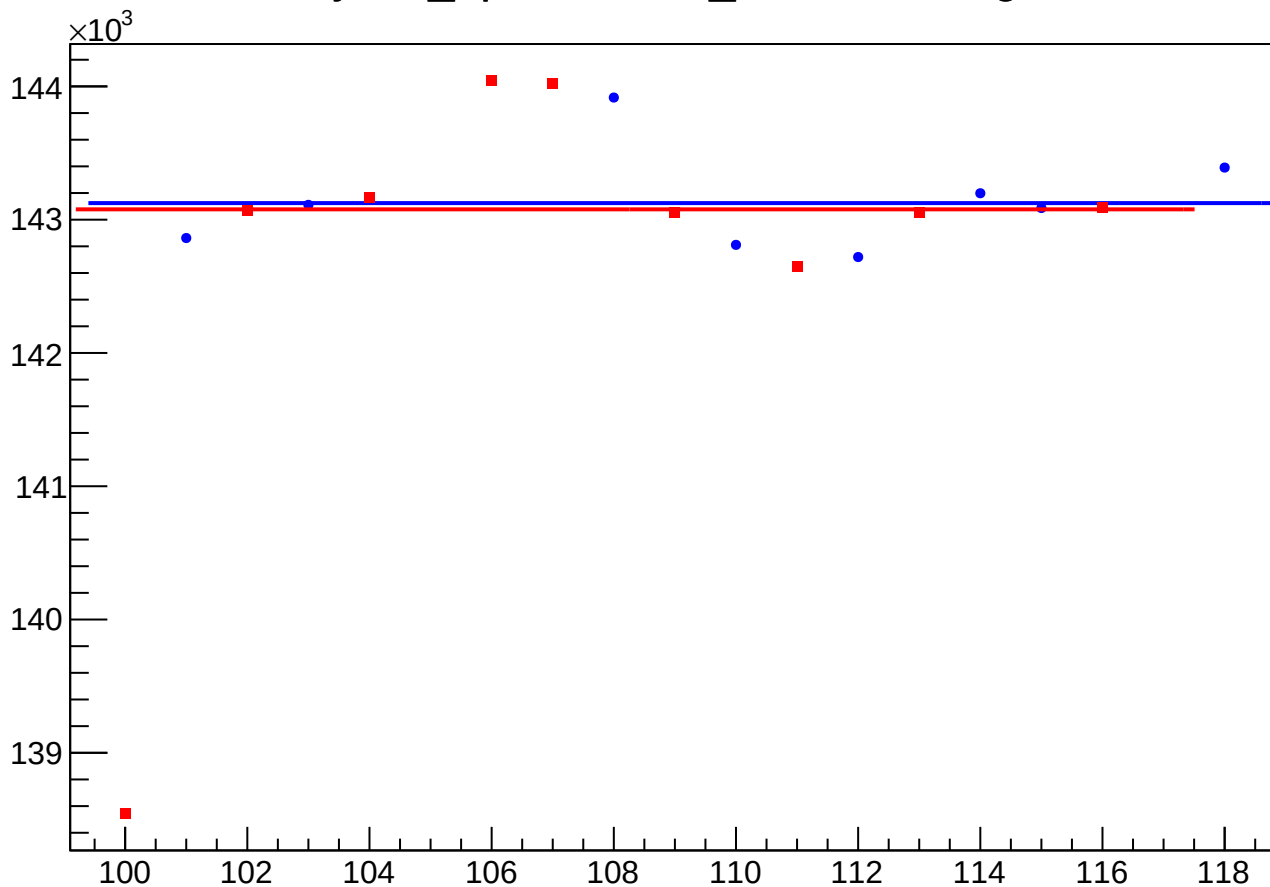
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.311+/-0.042 χ^2/NDF : 2168555.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143124.416 $\pm$ 0.096 χ^2 /NDF: 17147343.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

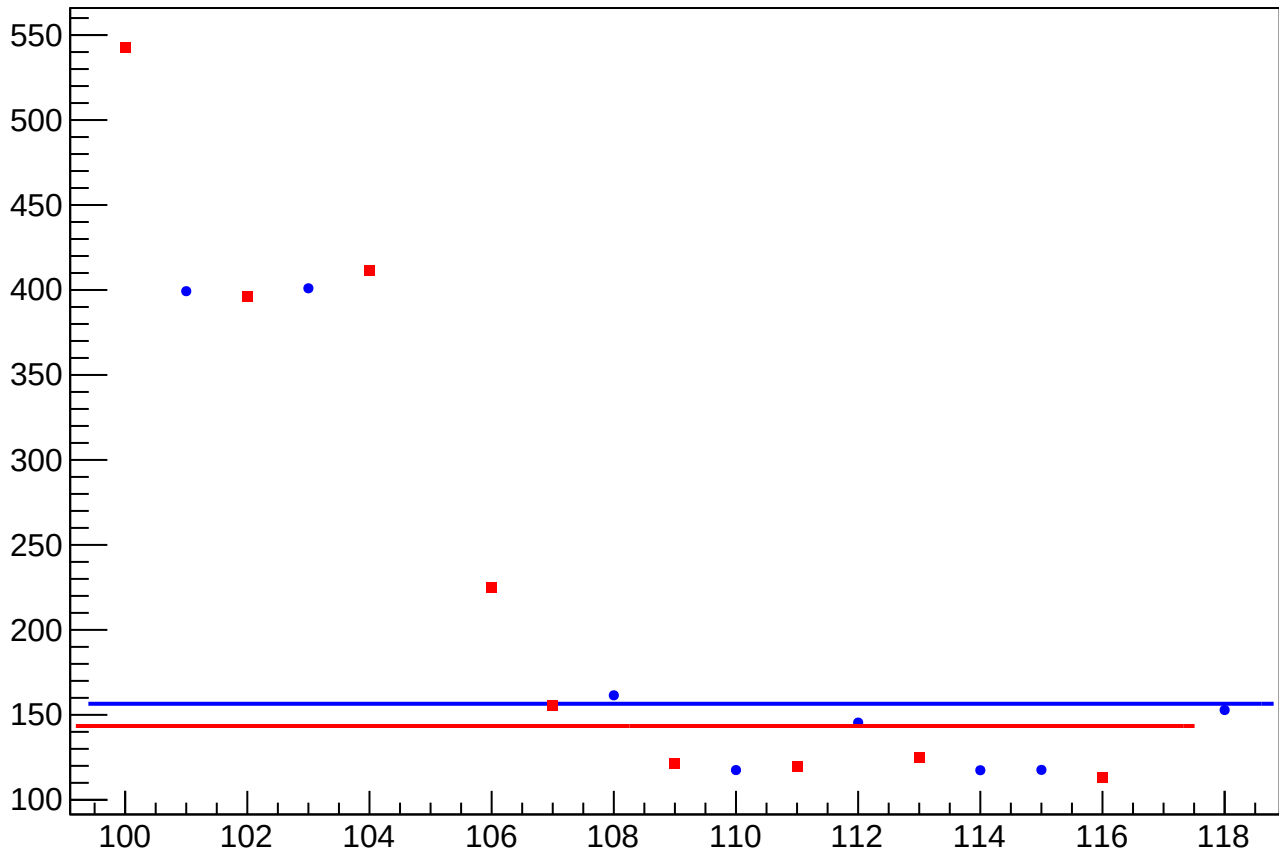
Right Out: 143077.510 $\pm$ 0.086 χ^2 /NDF: 24749395.1/8

All: 143098.497 $\pm$ 0.064 χ^2 /NDF: 42028433.1/15

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug



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: 143.446 $\pm$ 0.061 χ^2 /NDF: 1244181.5/8

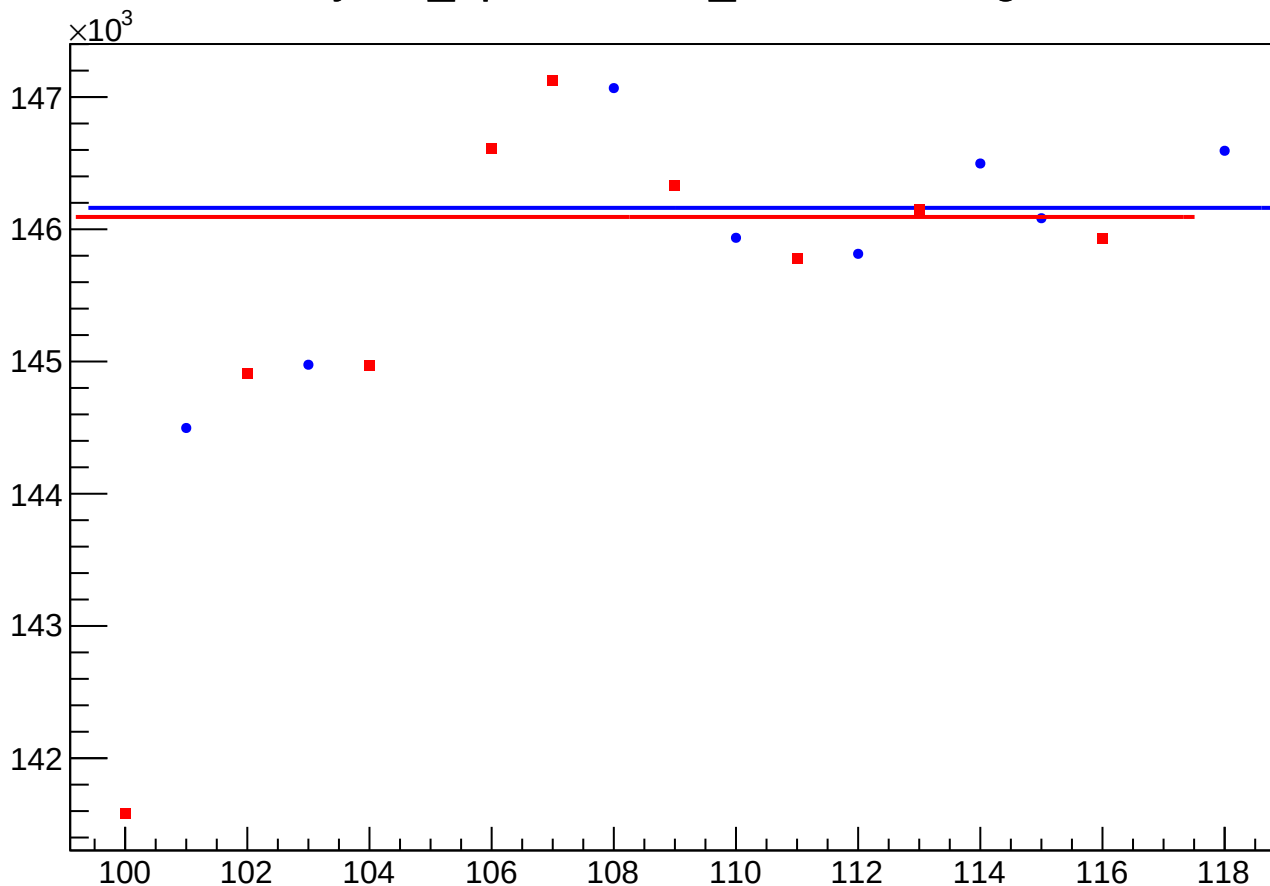
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.300 $\pm$ 0.045 χ^2 /NDF: 2336292.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146162.034 $\pm$ 0.099 χ^2 /NDF: 37208676.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

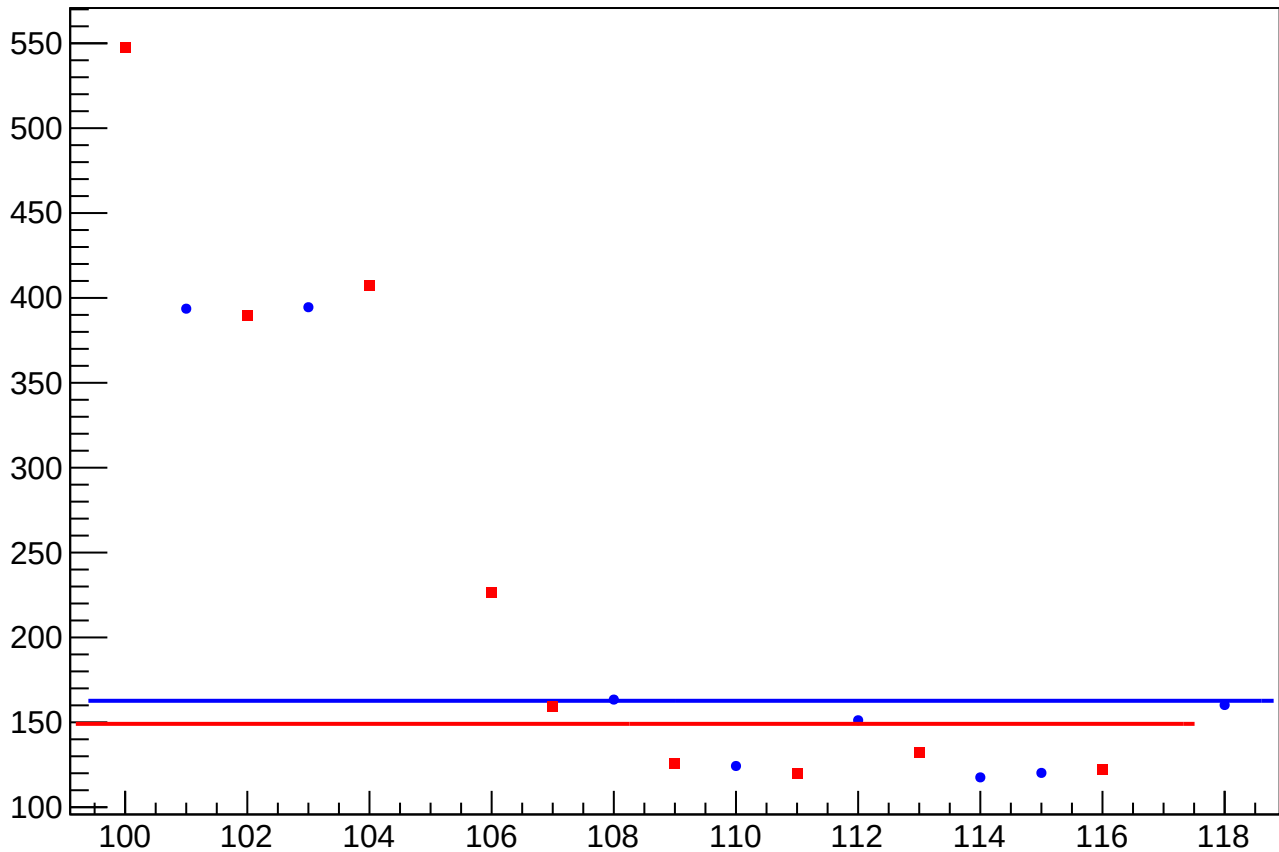
Right Out: 146093.228 $\pm$ 0.089 χ^2 /NDF: 31645762.7/8

All: 146123.962 $\pm$ 0.066 χ^2 /NDF: 69119881.1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug



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: 149.100 $\pm$ 0.063 χ^2 /NDF: 1180947.3/8

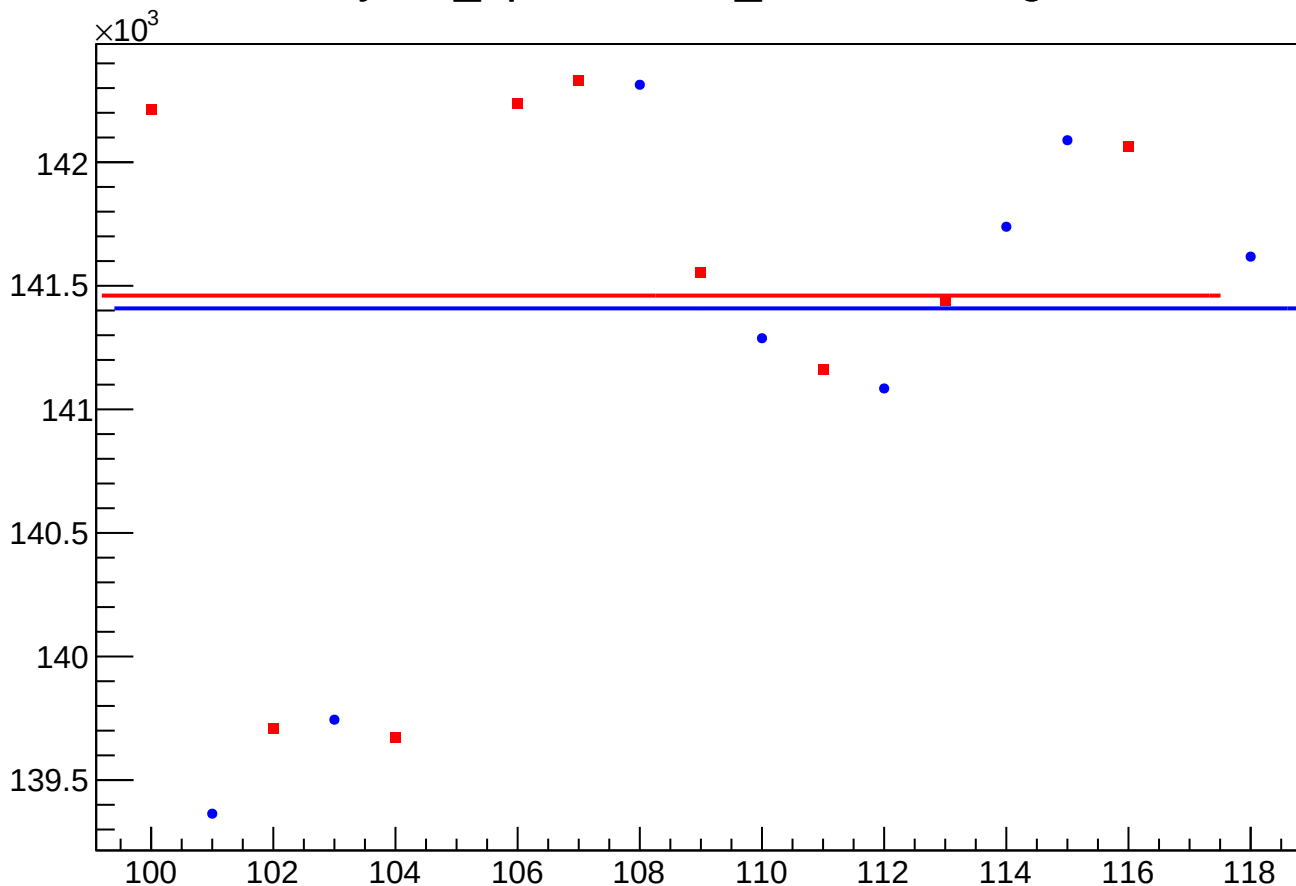
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.169 $\pm$ 0.047 χ^2 /NDF: 2208212.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141408.574 $\pm$ 0.100 χ^2 /NDF: 47448887.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

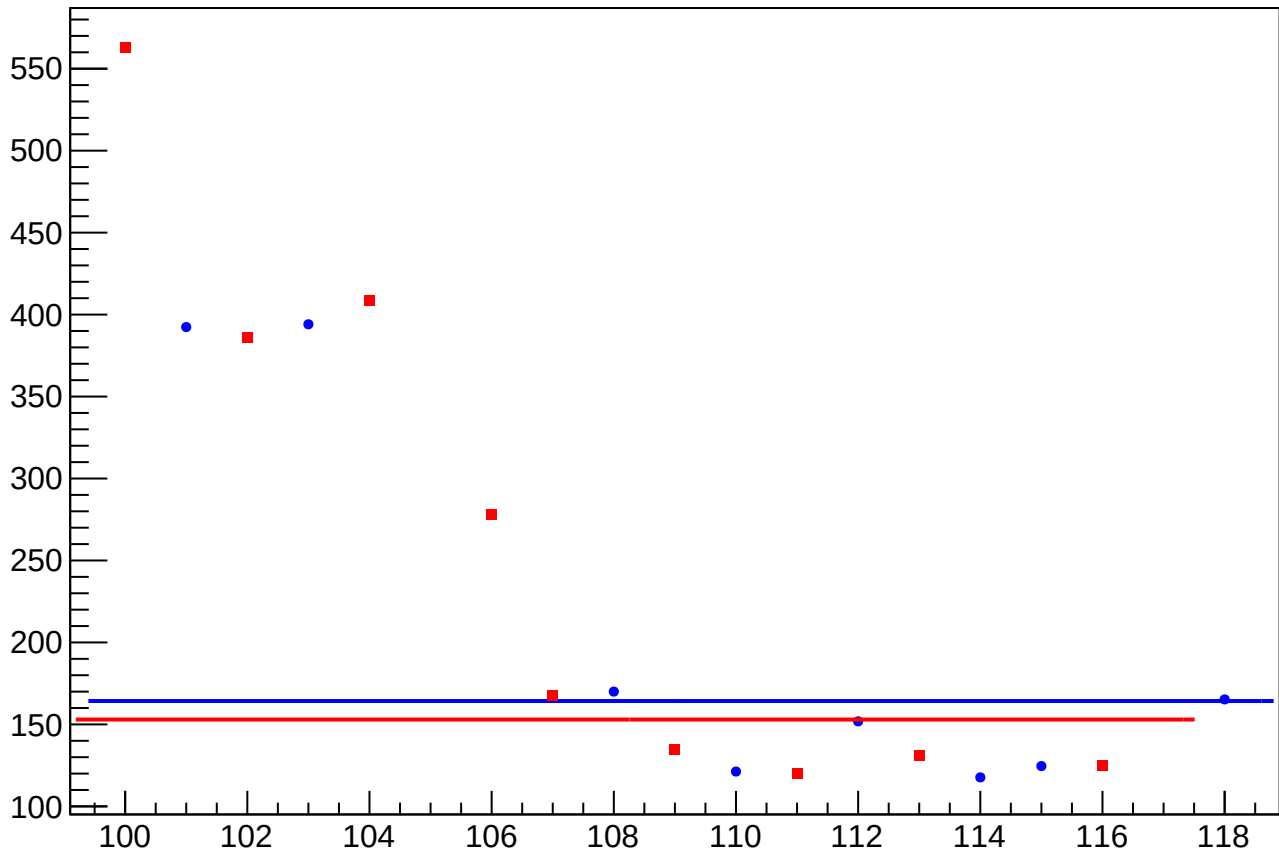
Right Out: 141460.430 $\pm$ 0.092 χ^2 /NDF: 40669860.5/8

All: 141436.793 $\pm$ 0.068 χ^2 /NDF: 88263847.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug



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: 152.972+/-0.065 χ^2/NDF : 1207748.2/8

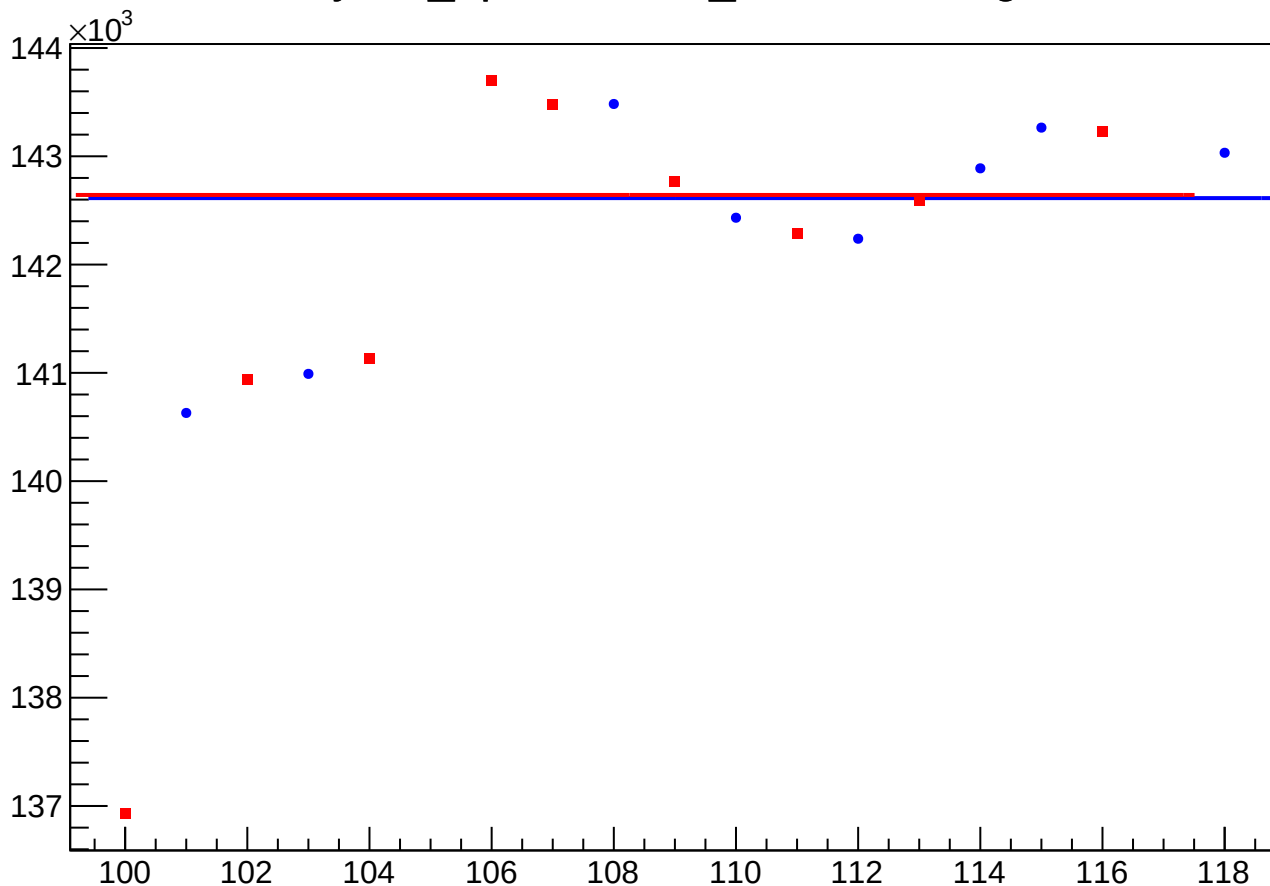
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.125+/-0.048 χ^2/NDF : 2231214.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142613.831 $\pm$ 0.102 χ^2 /NDF: 47510657.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

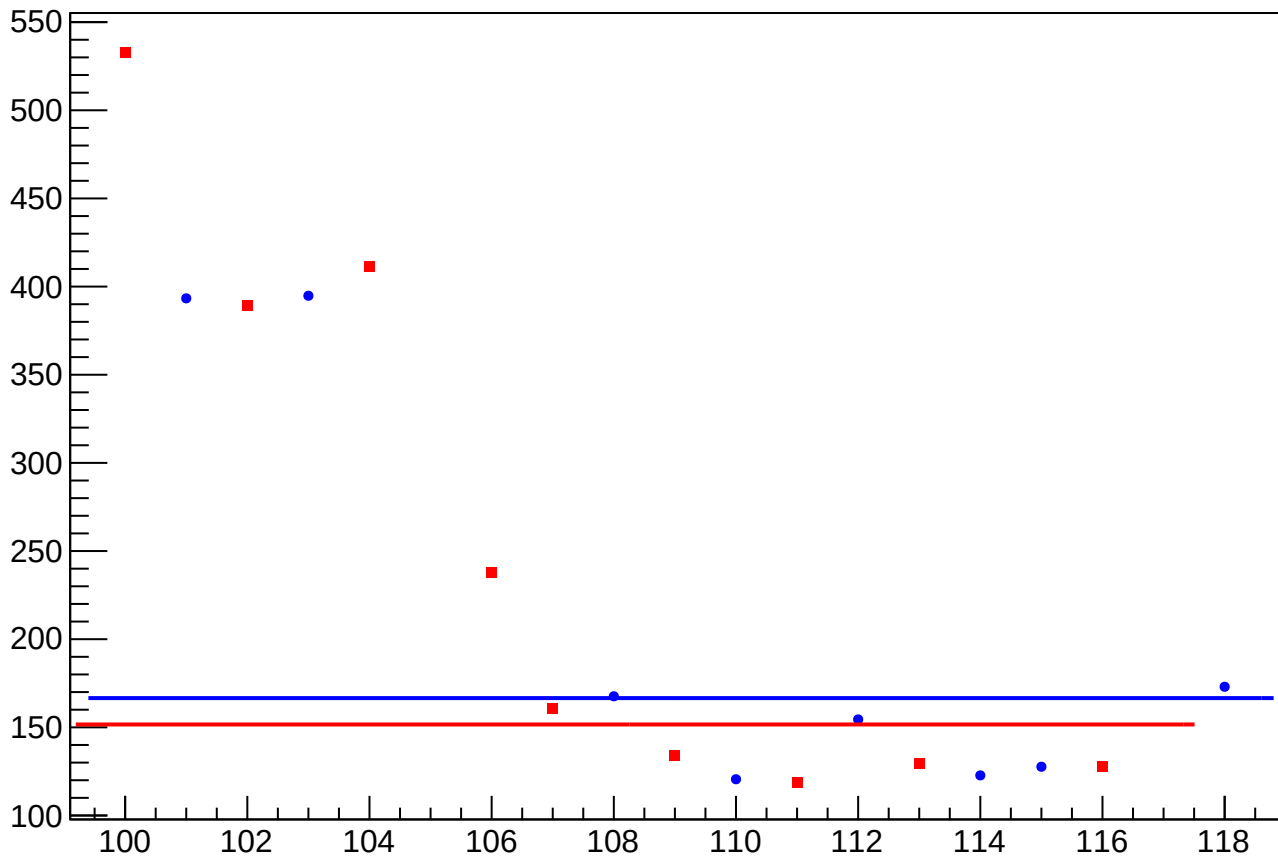
Right Out: 142642.912 $\pm$ 0.091 χ^2 /NDF: 49226068.7/8

All: 142629.996 $\pm$ 0.068 χ^2 /NDF: 96782107.0/15

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 166.586 $\pm$ 0.072 χ^2 /NDF: 1001221.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.628 $\pm$ 0.064 χ^2 /NDF: 1167020.4/8

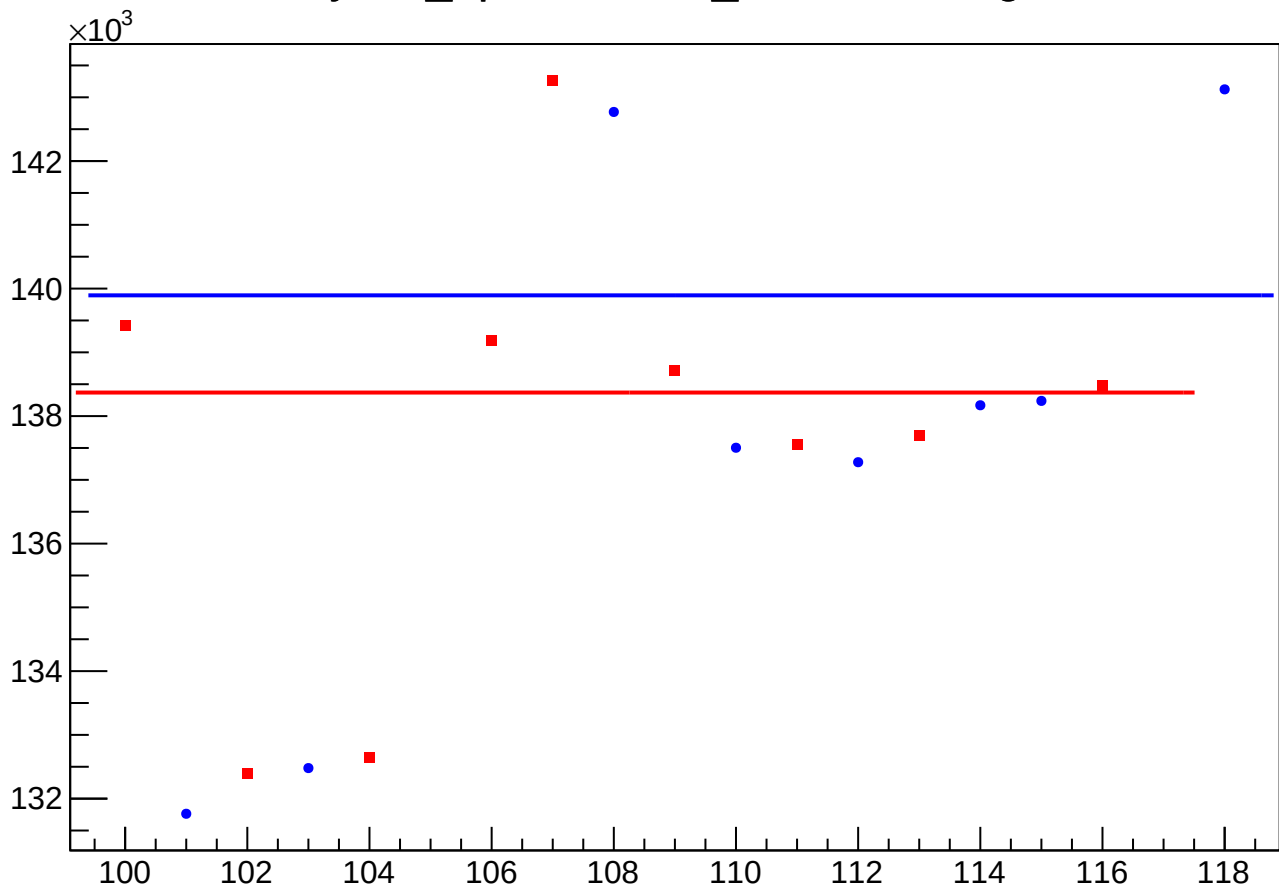
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.271 $\pm$ 0.048 χ^2 /NDF: 2192254.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 139893.946 $\pm$ 0.162 χ^2 /NDF: 612866098.6/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

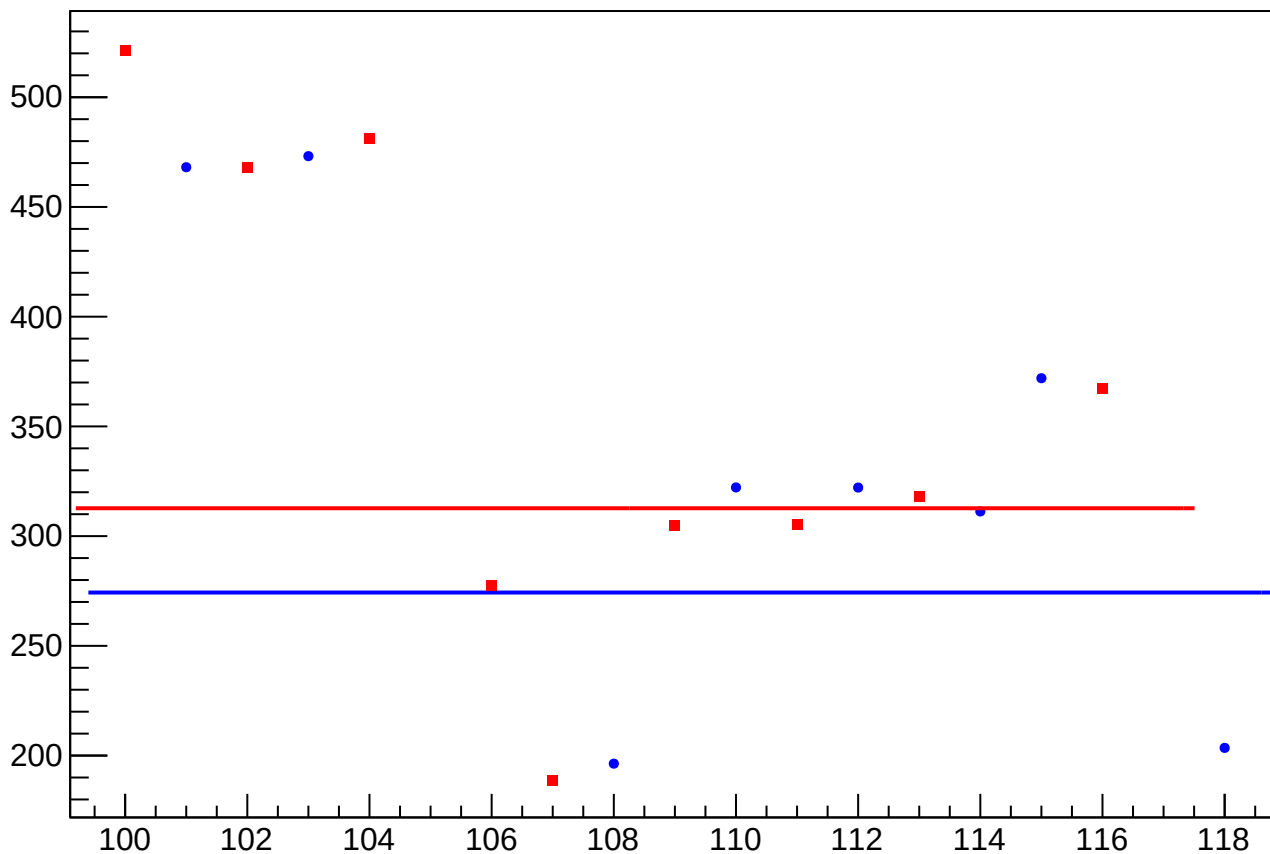
Right Out: 138369.431 $\pm$ 0.176 χ^2 /NDF: 338648511.2/8

All: 139196.938 $\pm$ 0.119 χ^2 /NDF: 992013290

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug



Right In: 274.292 $\pm$ 0.115 χ^2 /NDF: 740193.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 312.698 $\pm$ 0.125 χ^2 /NDF: 506978.2/8

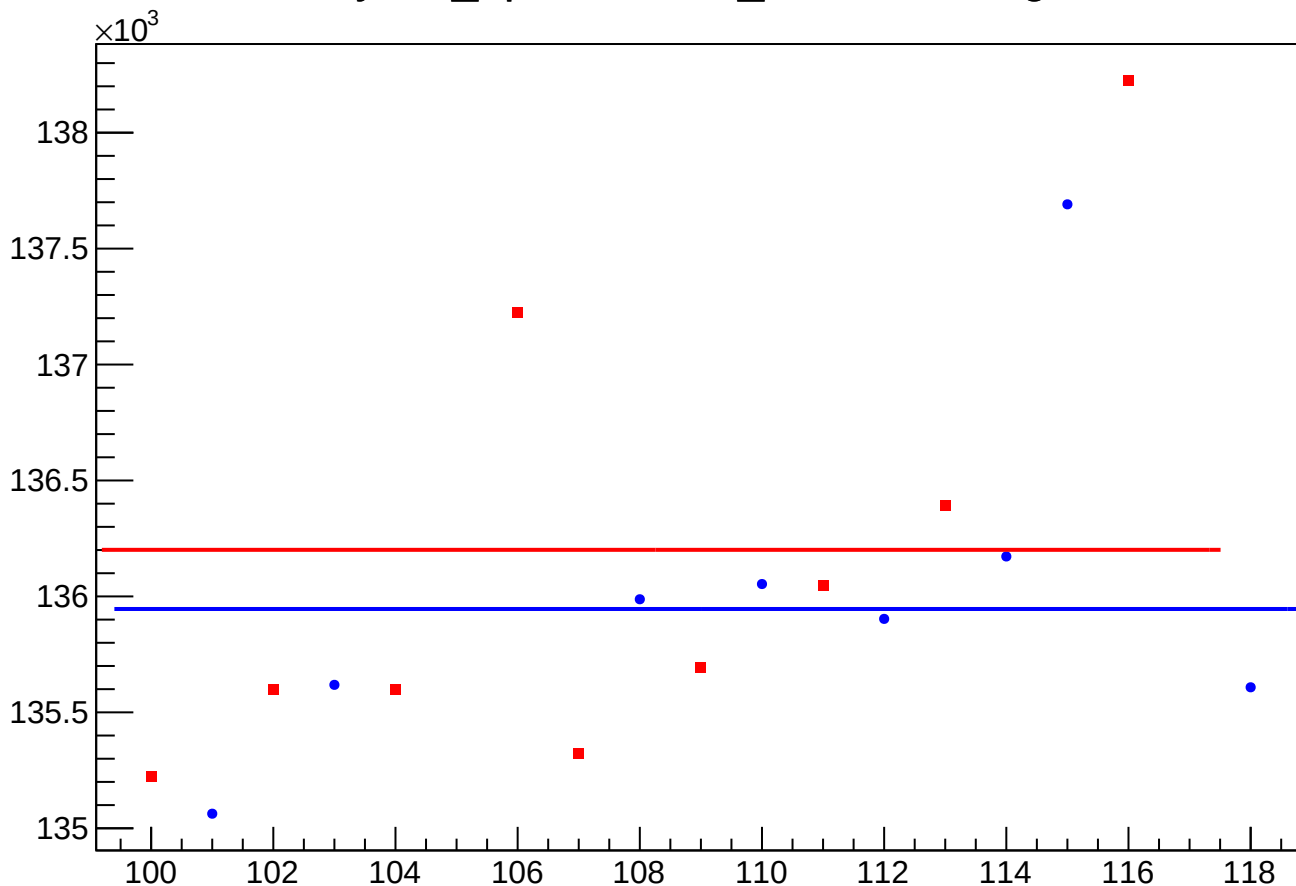
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 291.851 $\pm$ 0.084 χ^2 /NDF: 1298576.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135945.777 $\pm$ 0.151 χ^2 /NDF: 13864714.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

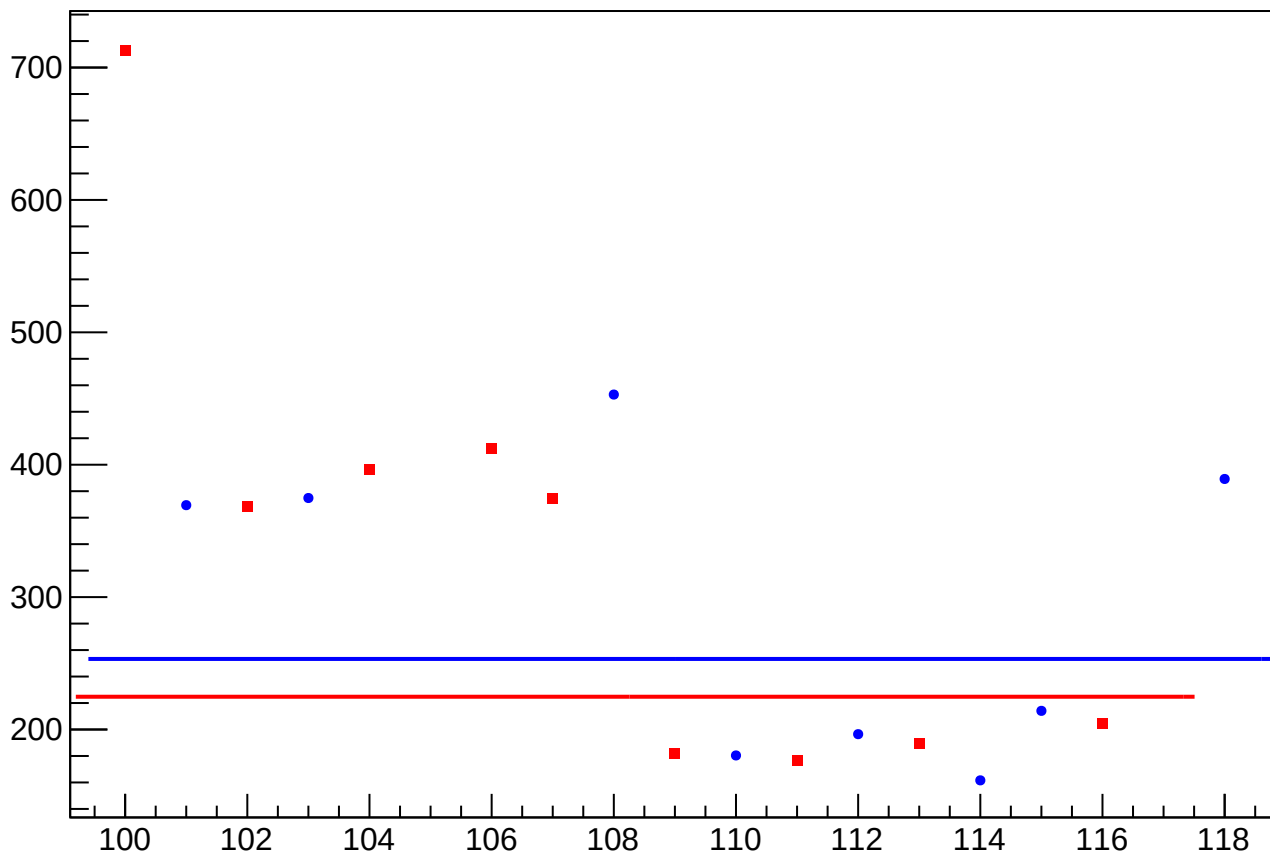
All: 136091.216 $\pm$ 0.099 χ^2 /NDF: 50201734.

Right Out: 136200.897 $\pm$ 0.131 χ^2 /NDF: 34716450.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug



Right In: 253.292 $\pm$ 0.107 χ^2 /NDF: 803466.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 224.752 $\pm$ 0.093 χ^2 /NDF: 791145.1/8

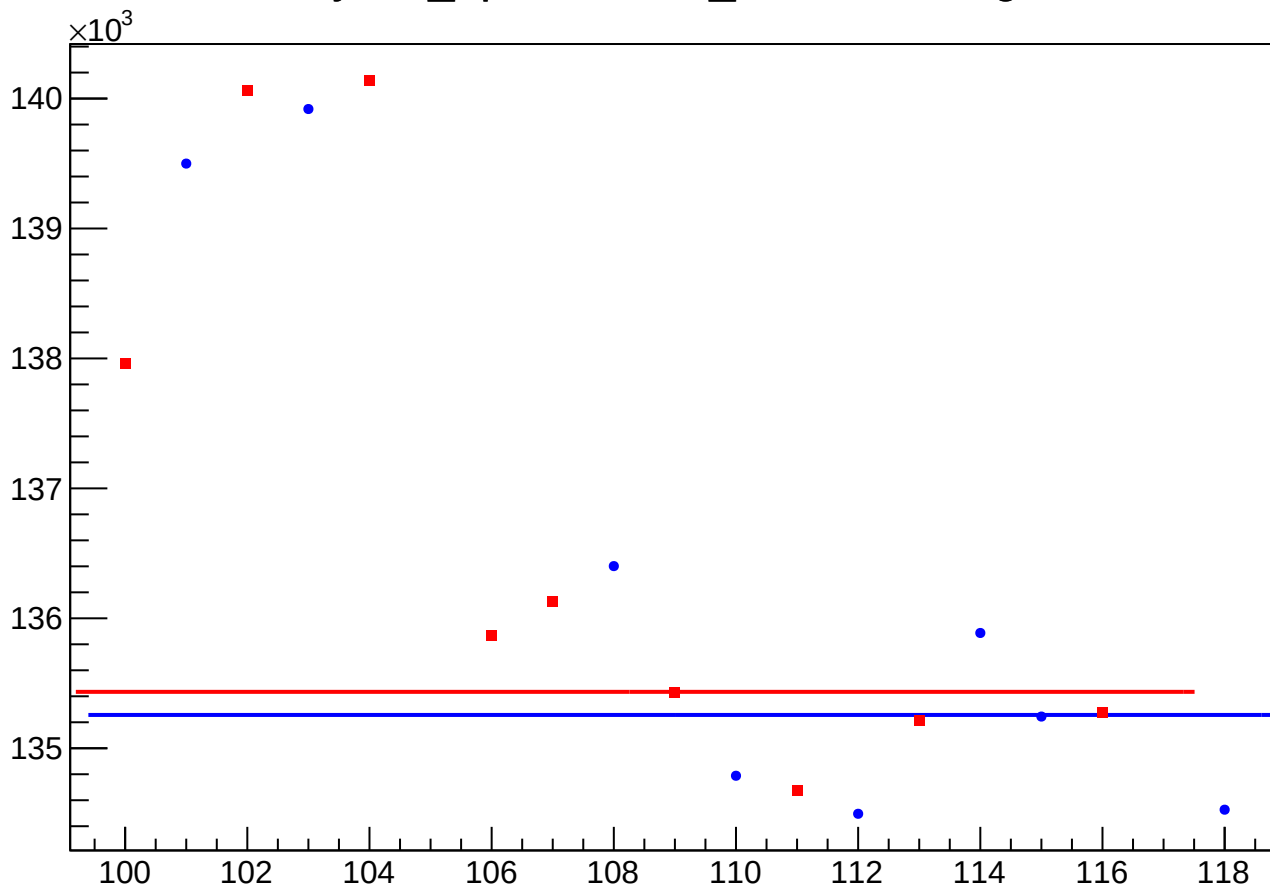
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.022 $\pm$ 0.070 χ^2 /NDF: 1635172.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135256.393 $\pm$ 0.077 χ^2 /NDF: 264572584.8/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

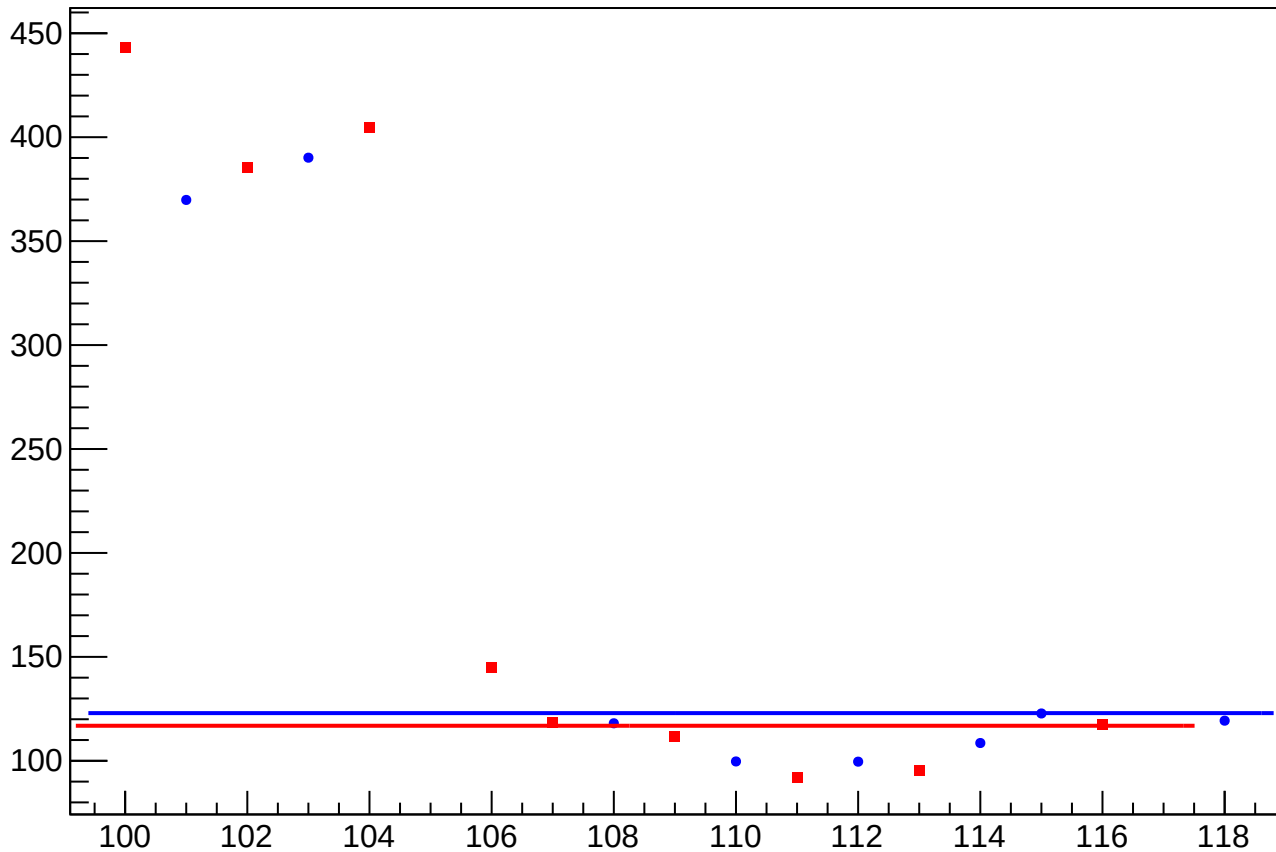
Right Out: 135434.147 $\pm$ 0.072 χ^2 /NDF: 207628518.2/8

All: 135350.488 $\pm$ 0.053 χ^2 /NDF: 475045188

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug



Right In: 122.949 $\pm$ 0.054 χ^2 /NDF: 1241767.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.866 $\pm$ 0.051 χ^2 /NDF: 1356554.7/8

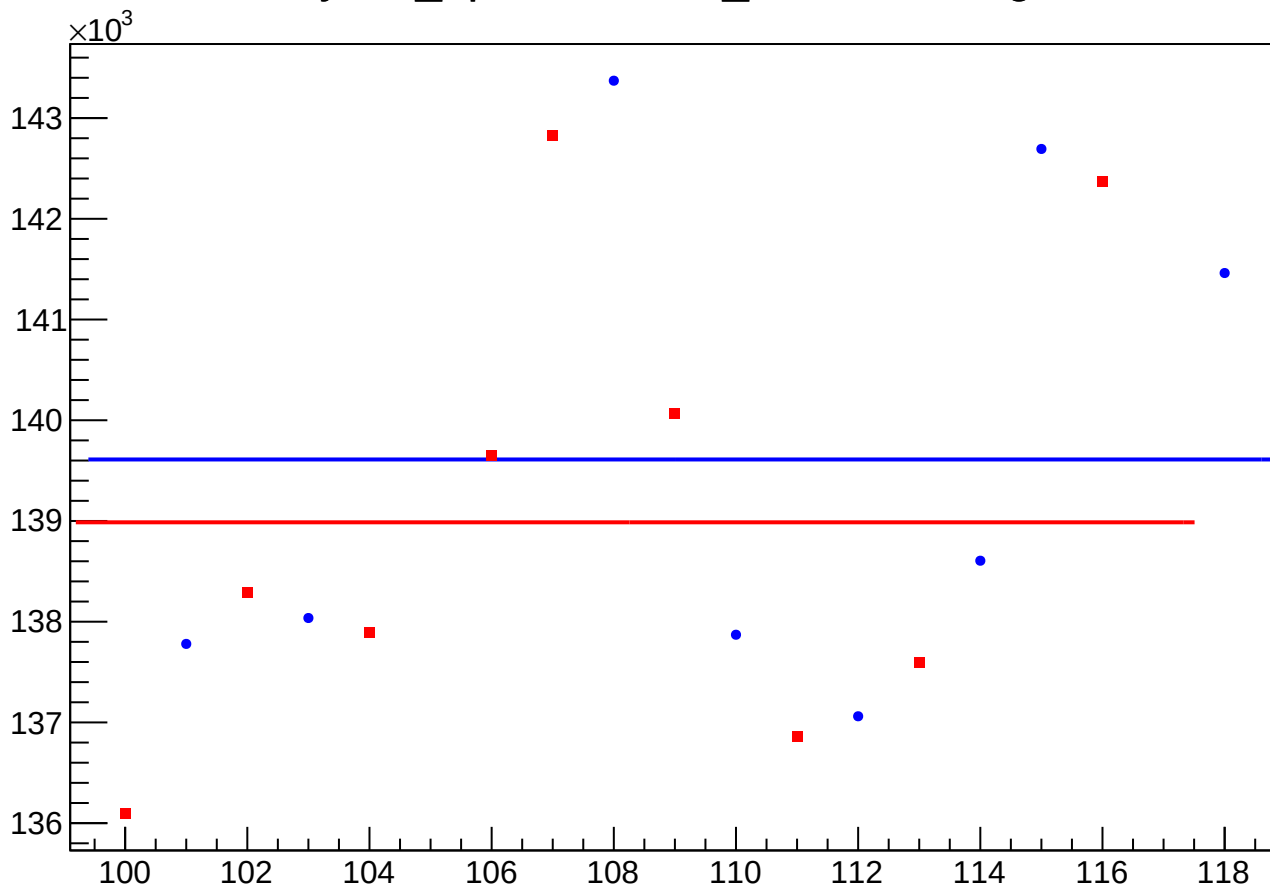
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.729 $\pm$ 0.037 χ^2 /NDF: 2604983.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 139610.614 $\pm$ 0.092 χ^2 /NDF: 642410481.7/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

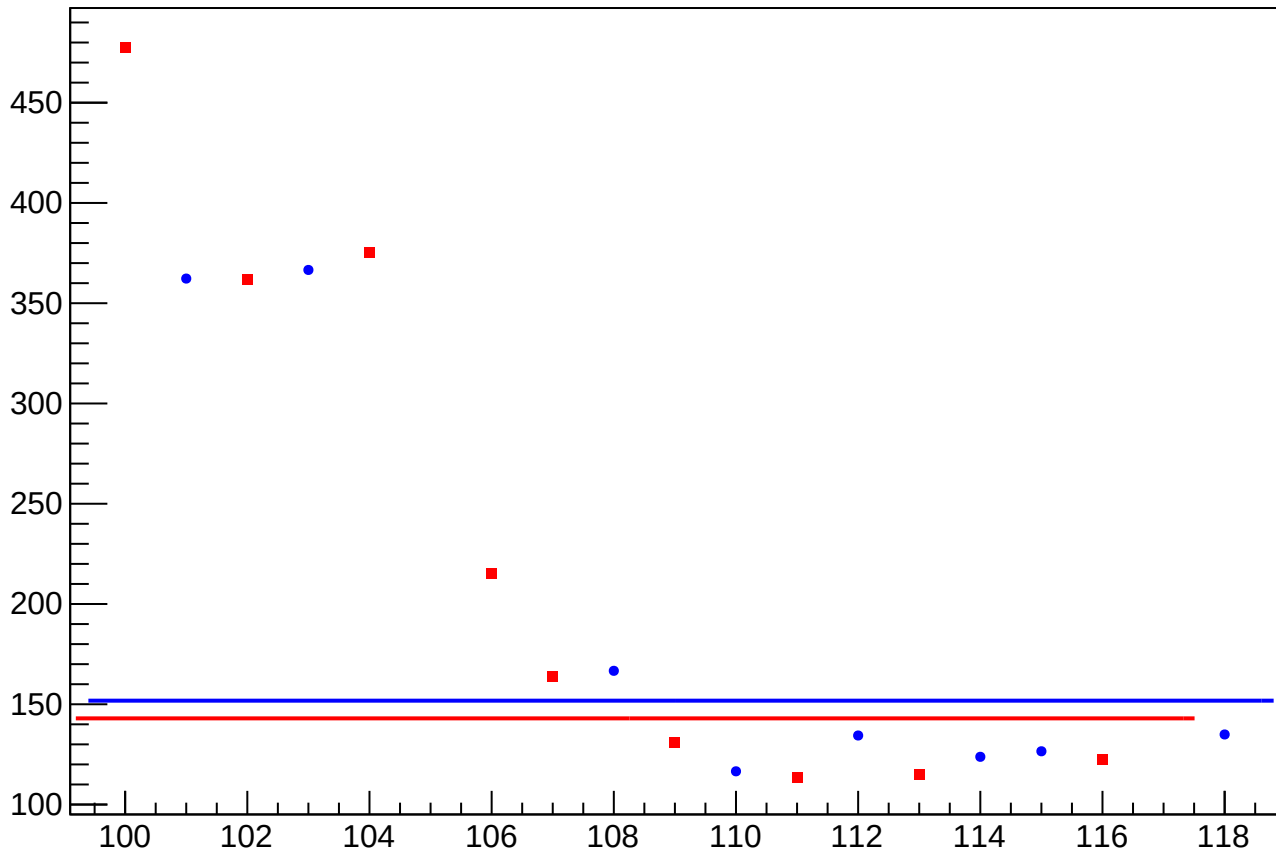
Right Out: 138986.744 $\pm$ 0.086 χ^2 /NDF: 577895012.6/8

All: 139277.555 $\pm$ 0.063 χ^2 /NDF: 124469975

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 151.796+/-0.065 χ^2/NDF : 979986.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.966+/-0.061 χ^2/NDF : 1135020.5/8

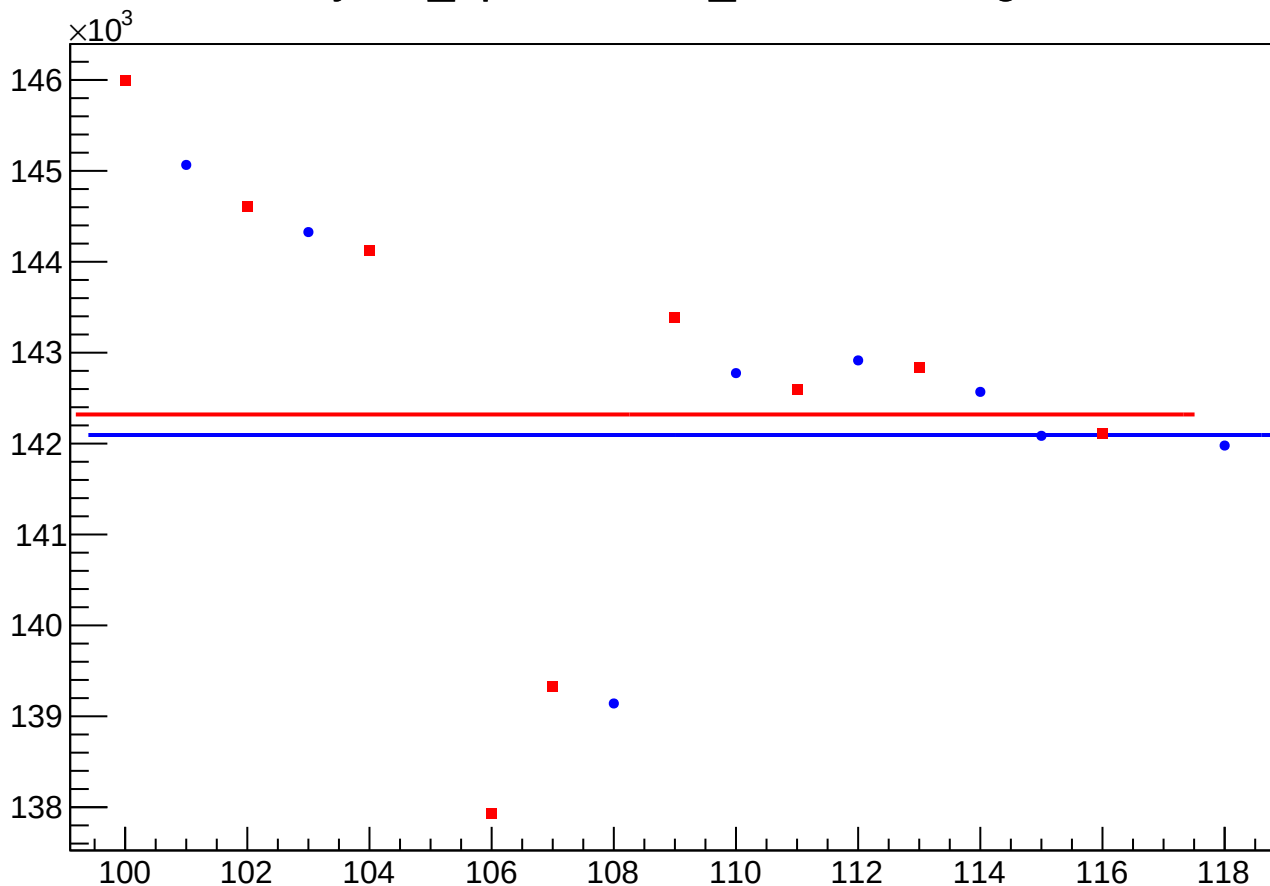
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.082+/-0.045 χ^2/NDF : 2124779.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 142094.508 $\pm$ 0.102 χ^2 /NDF: 246182356.9/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

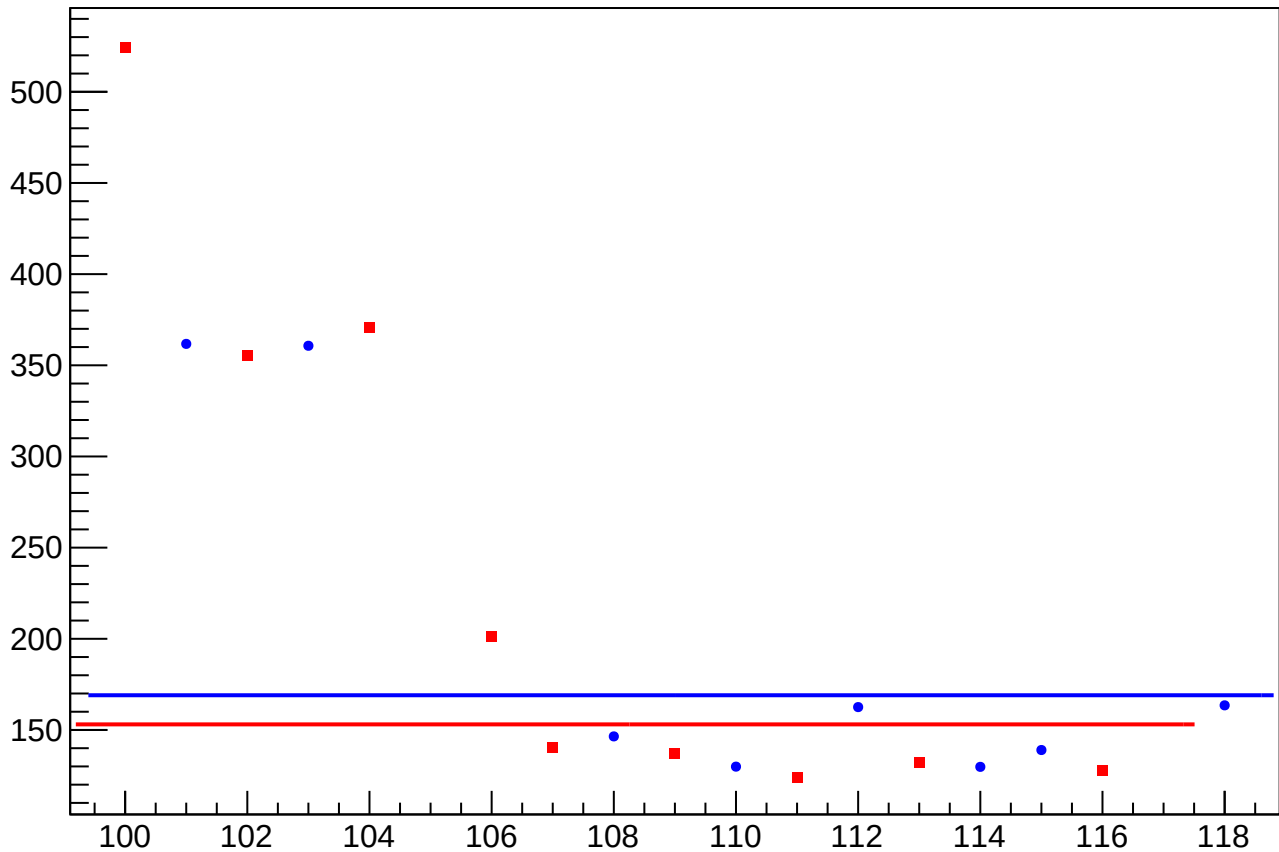
Right Out: 142320.319 $\pm$ 0.091 χ^2 /NDF: 310265212.8/8

All: 142220.010 $\pm$ 0.068 χ^2 /NDF: 559171647

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug



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: 153.064 $\pm$ 0.064 χ^2 /NDF: 982500.2/8

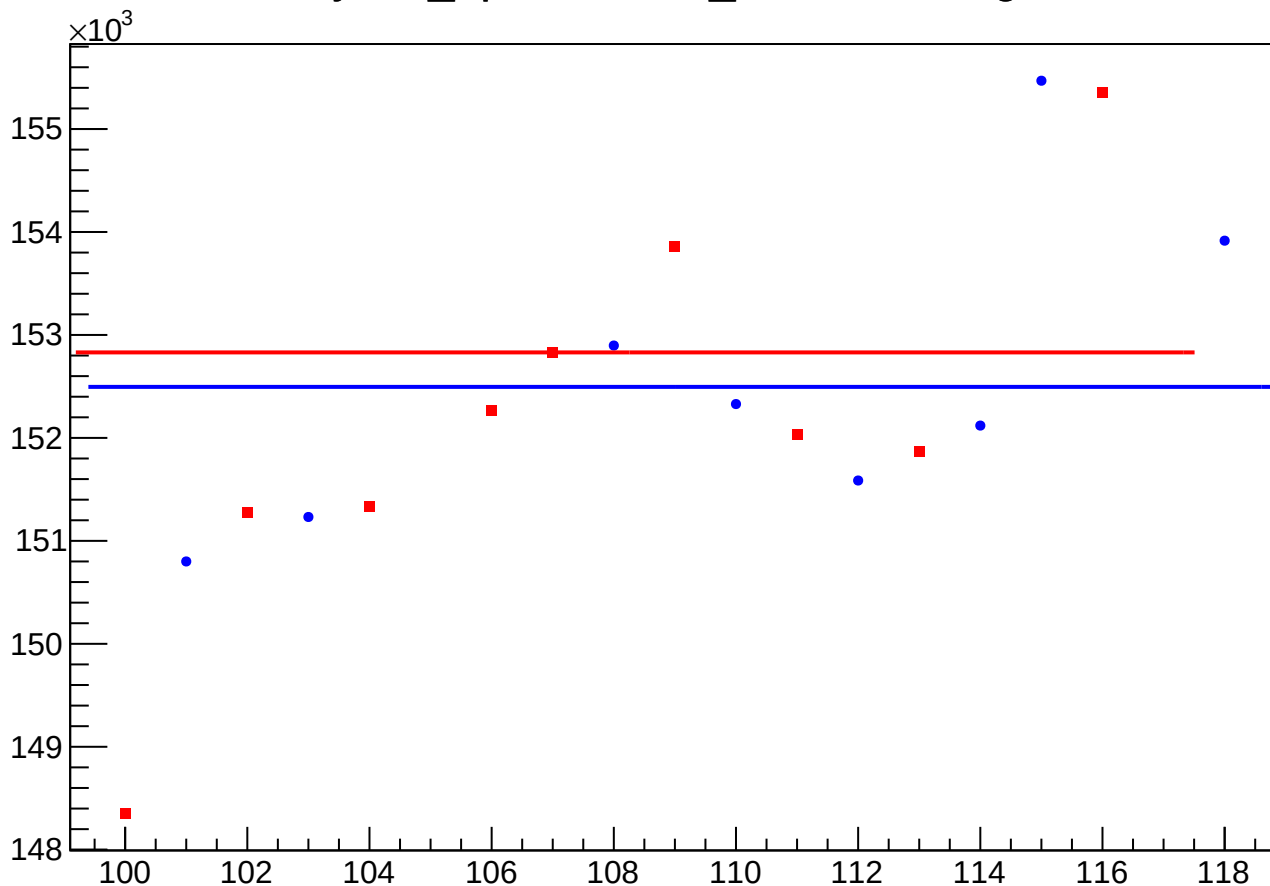
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.162 $\pm$ 0.048 χ^2 /NDF: 1837614.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152495.606 $\pm$ 0.118 χ^2 /NDF: 84447572.1/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

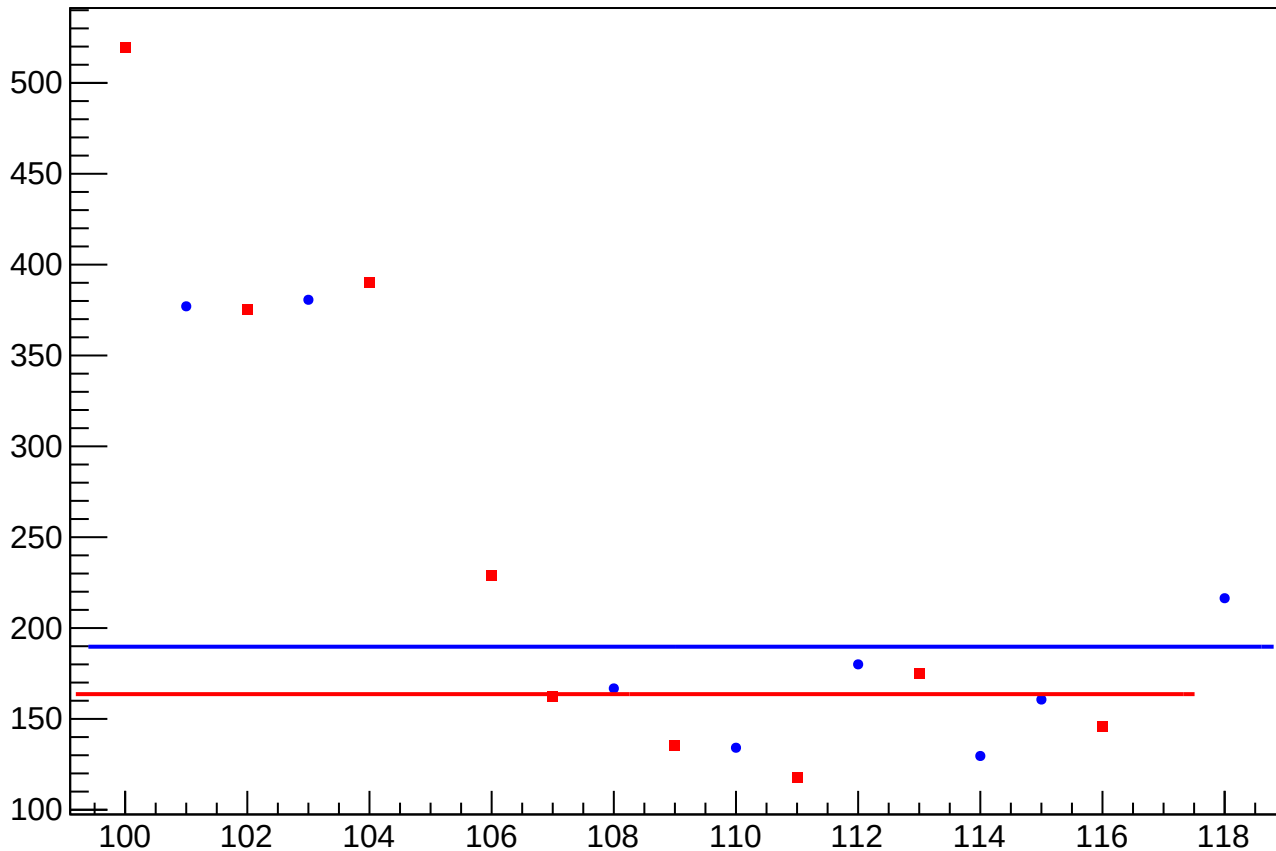
Right Out: 152830.405 $\pm$ 0.100 χ^2 /NDF: 146099588.2/8

All: 152690.742 $\pm$ 0.077 χ^2 /NDF: 23520220/

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 189.738 $\pm$ 0.084 χ^2 /NDF: 817875.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.635 $\pm$ 0.071 χ^2 /NDF: 1048234.1/8

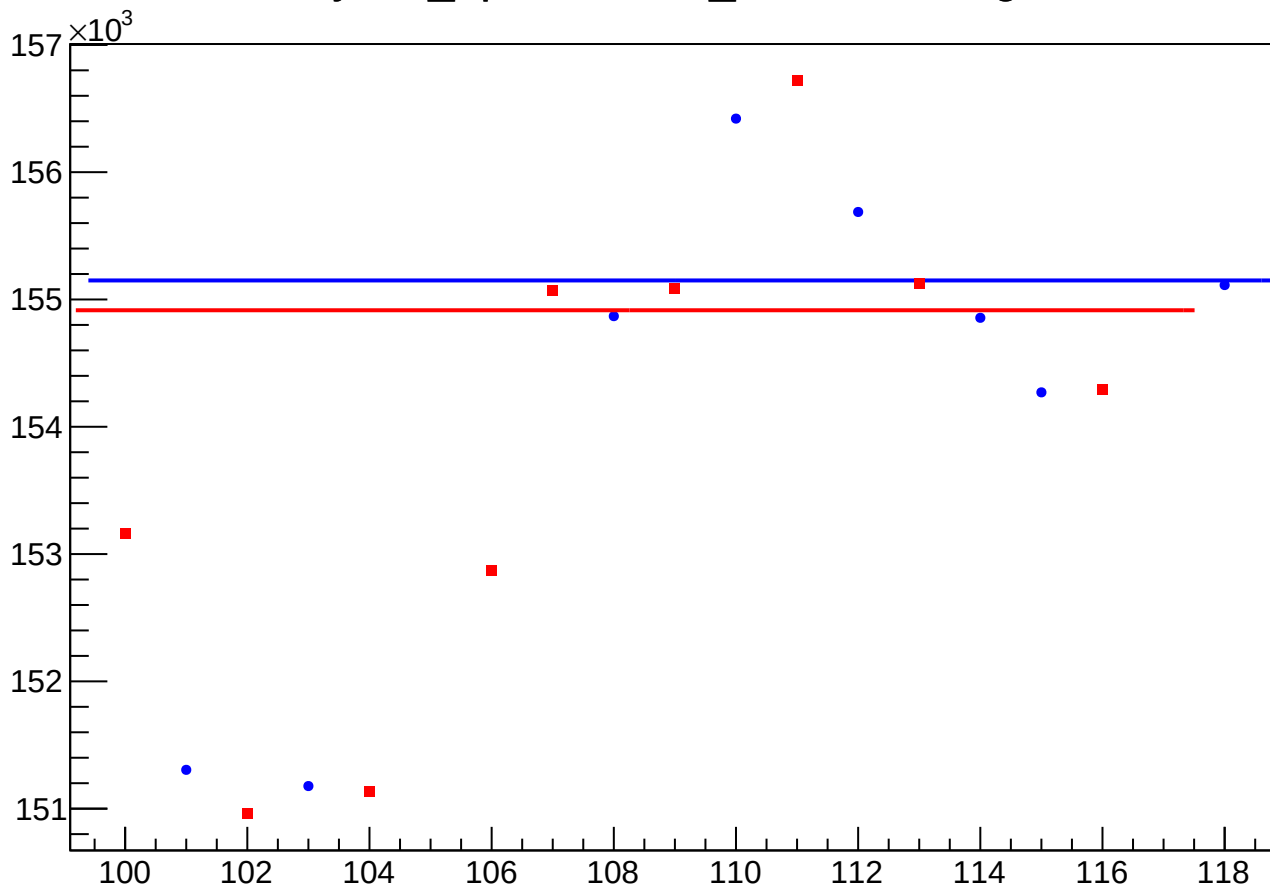
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.524 $\pm$ 0.054 χ^2 /NDF: 1922704.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 155149.457 $\pm$ 0.094 χ^2 /NDF: 174268831.3/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

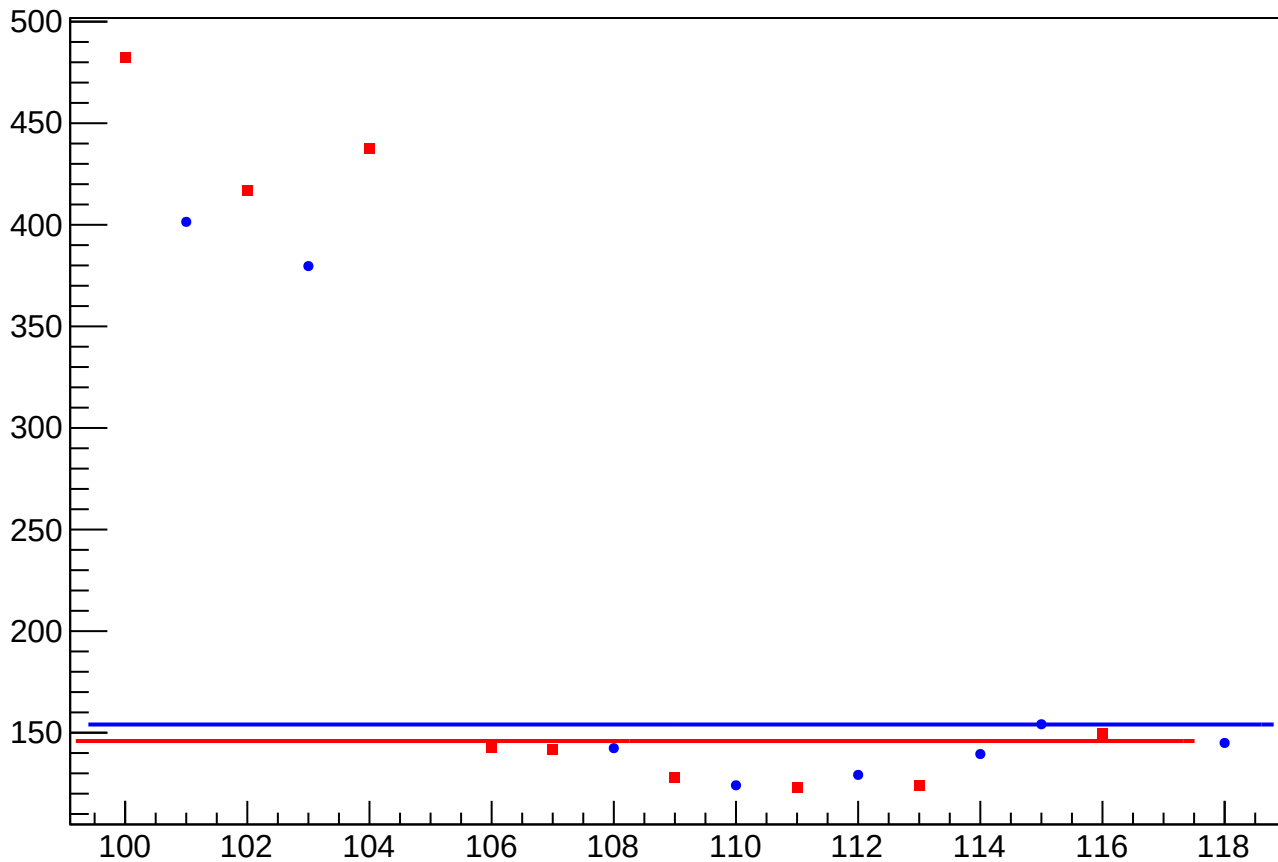
Right Out: 154915.266 $\pm$ 0.086 χ^2 /NDF: 263068418.9/8

All: 155022.557 $\pm$ 0.064 χ^2 /NDF: 44070985

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug



Right In: 154.044 $\pm$ 0.066 χ^2 /NDF: 984253.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.920 $\pm$ 0.061 χ^2 /NDF: 1156754.6/8

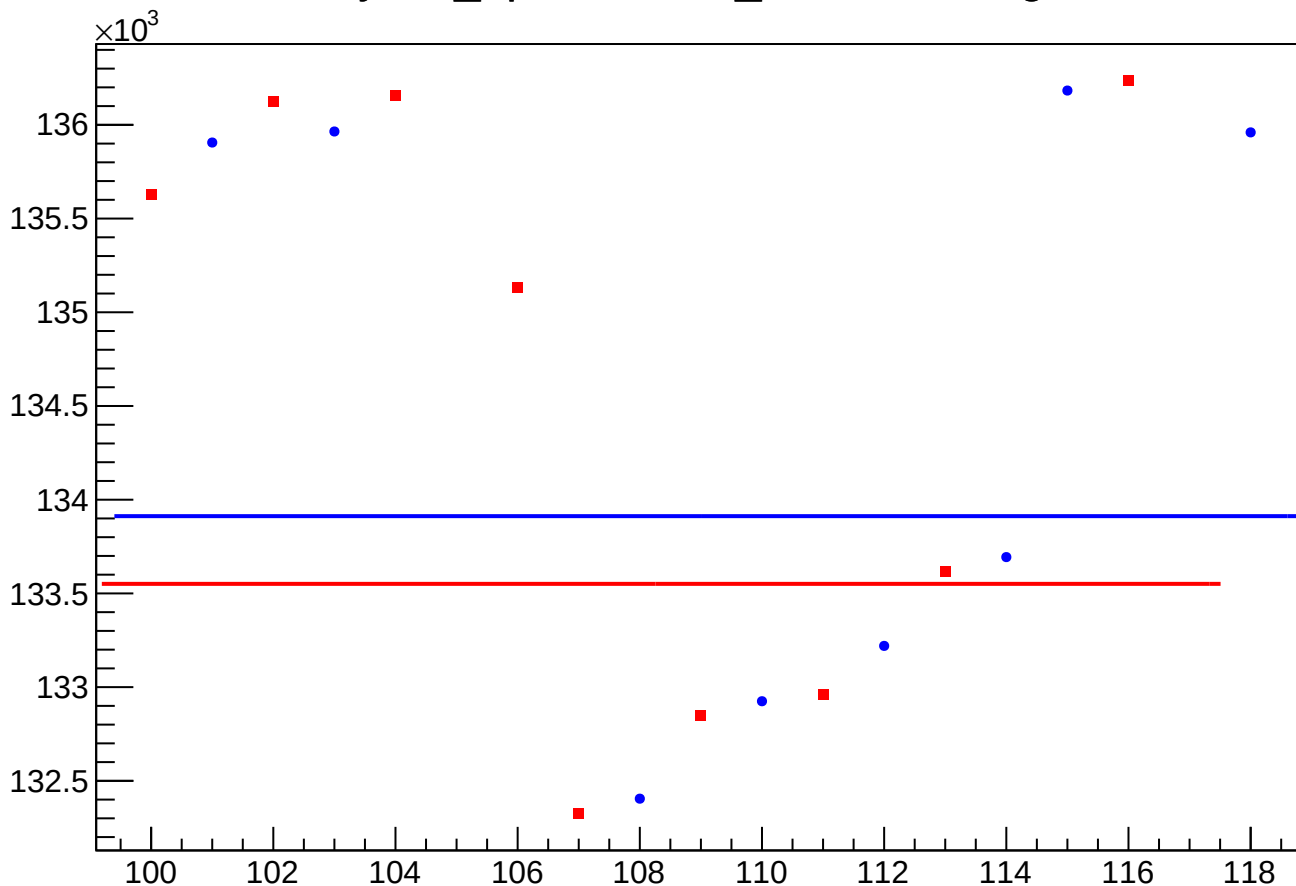
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.642 $\pm$ 0.045 χ^2 /NDF: 2149125.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 133912.250 $\pm$ 0.072 χ^2 /NDF: 397517904.4/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

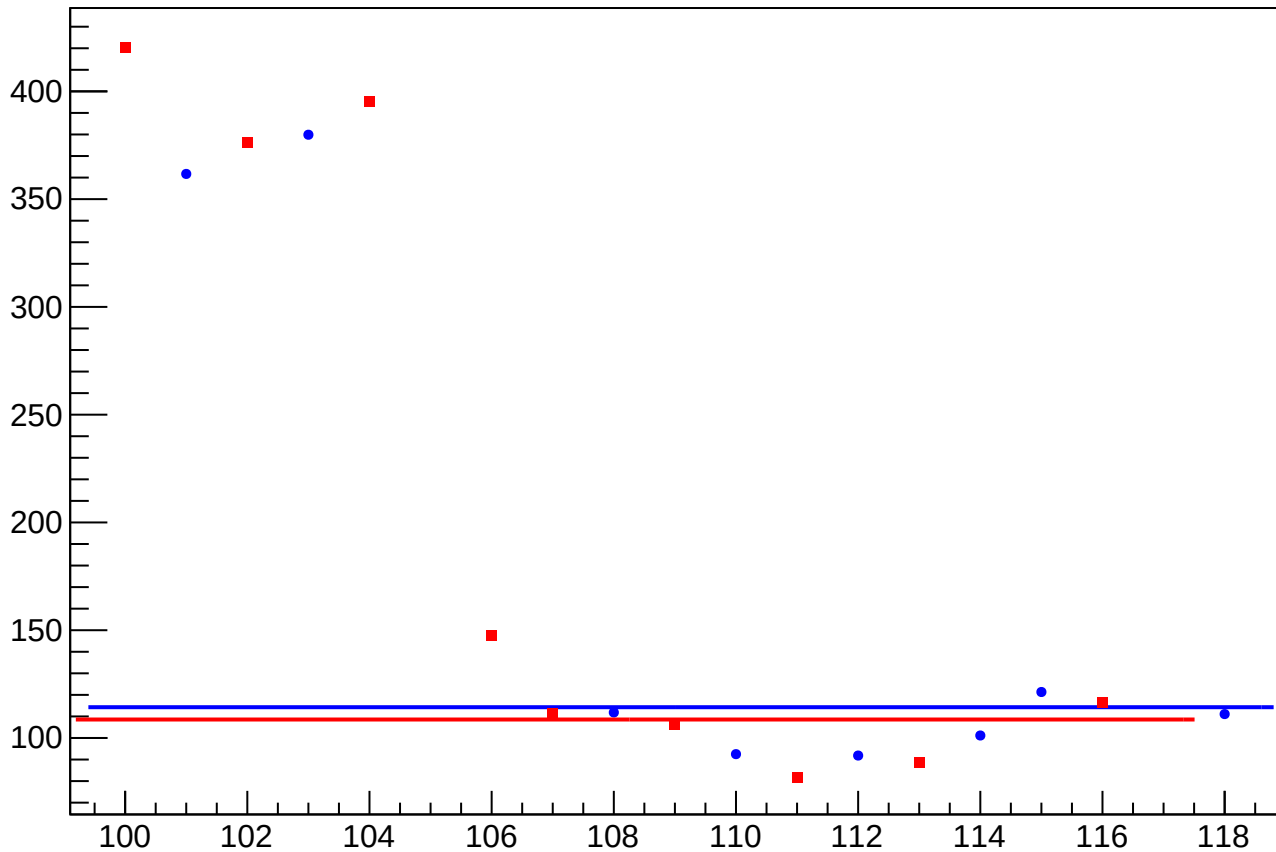
All: 133720.383 $\pm$ 0.049 χ^2 /NDF: 698794222

Right Out: 133550.994 $\pm$ 0.067 χ^2 /NDF: 287728249.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug



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: 108.573+/-0.048 χ^2/NDF : 1454612.0/8

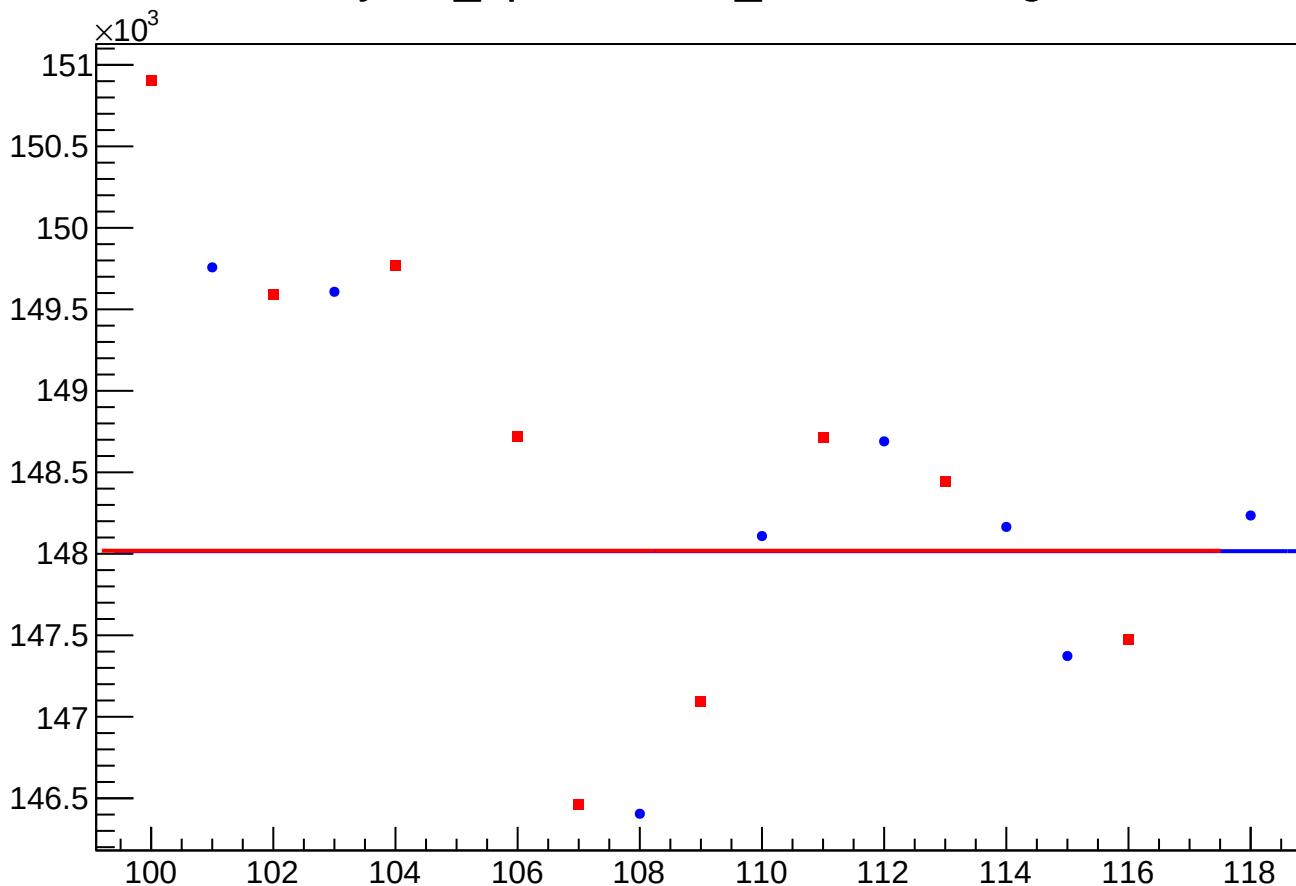
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.250+/-0.035 χ^2/NDF : 2763485.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 148016.218 $\pm$ 0.088 χ^2 /NDF: 104434804.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

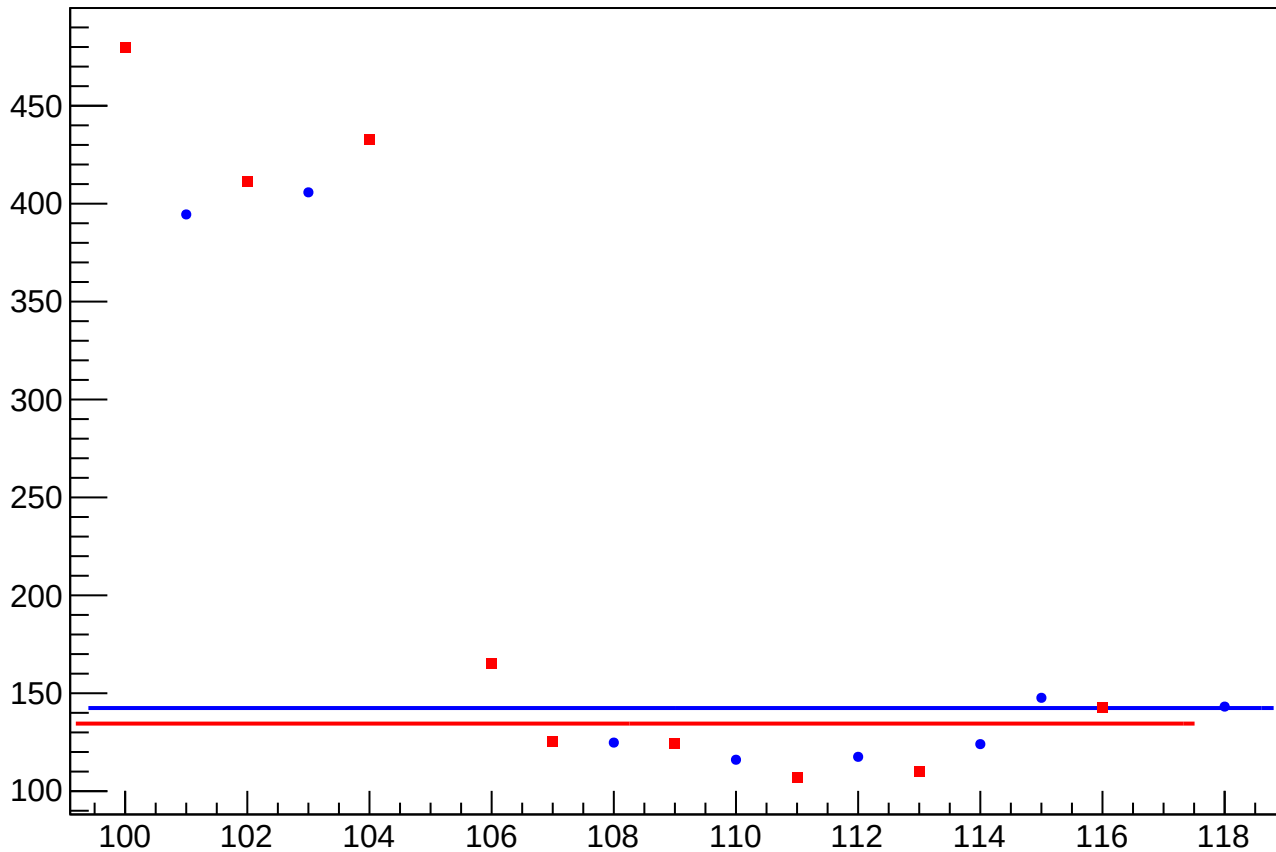
Right Out: 148018.822 $\pm$ 0.081 χ^2 /NDF: 119096588.2/8

All: 148017.622 $\pm$ 0.060 χ^2 /NDF: 223531867

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 142.449 $\pm$ 0.062 χ^2 /NDF: 1137043.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.506 $\pm$ 0.057 χ^2 /NDF: 1285691.0/8

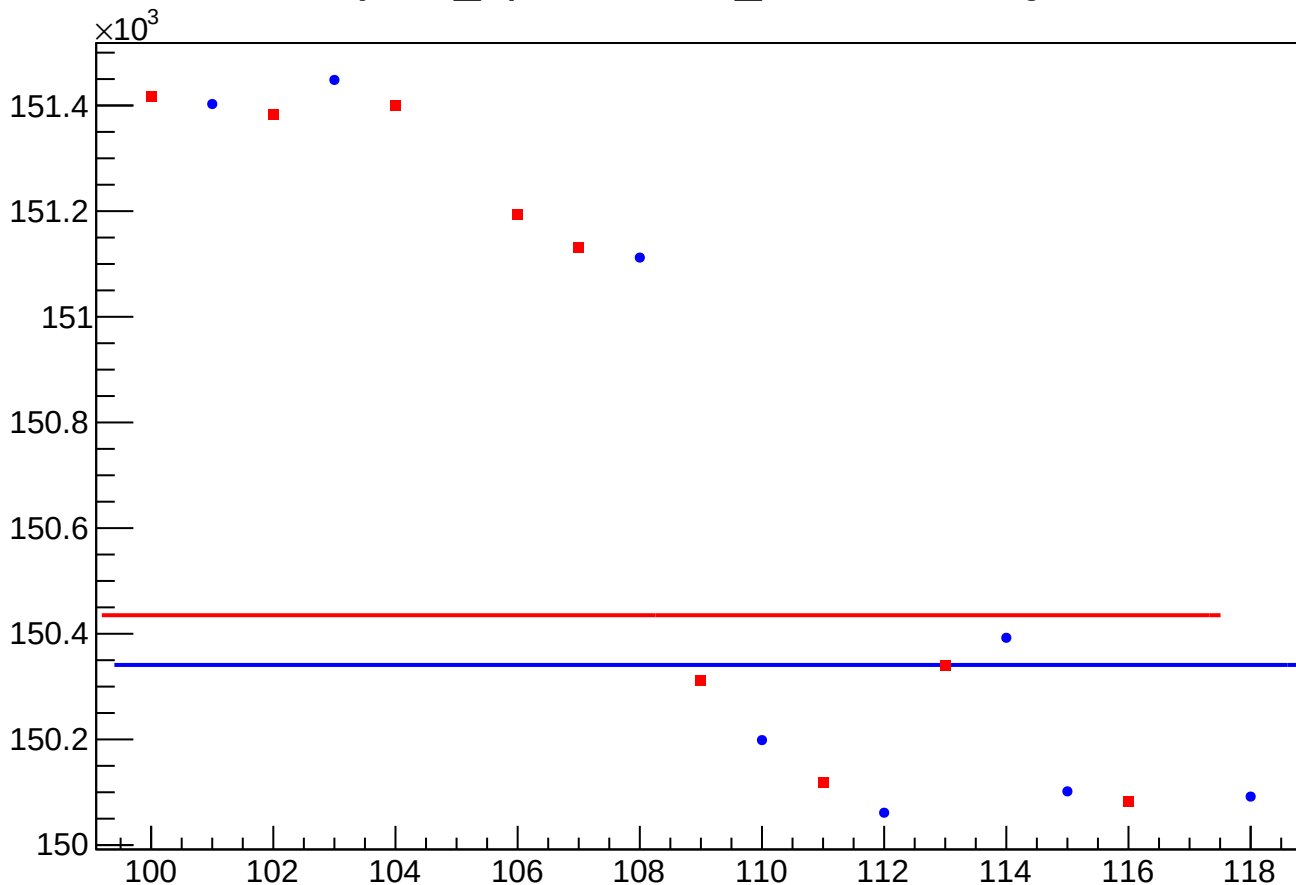
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.168 $\pm$ 0.042 χ^2 /NDF: 2431574.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150340.992 $\pm$ 0.077 χ^2 /NDF: 32107637.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

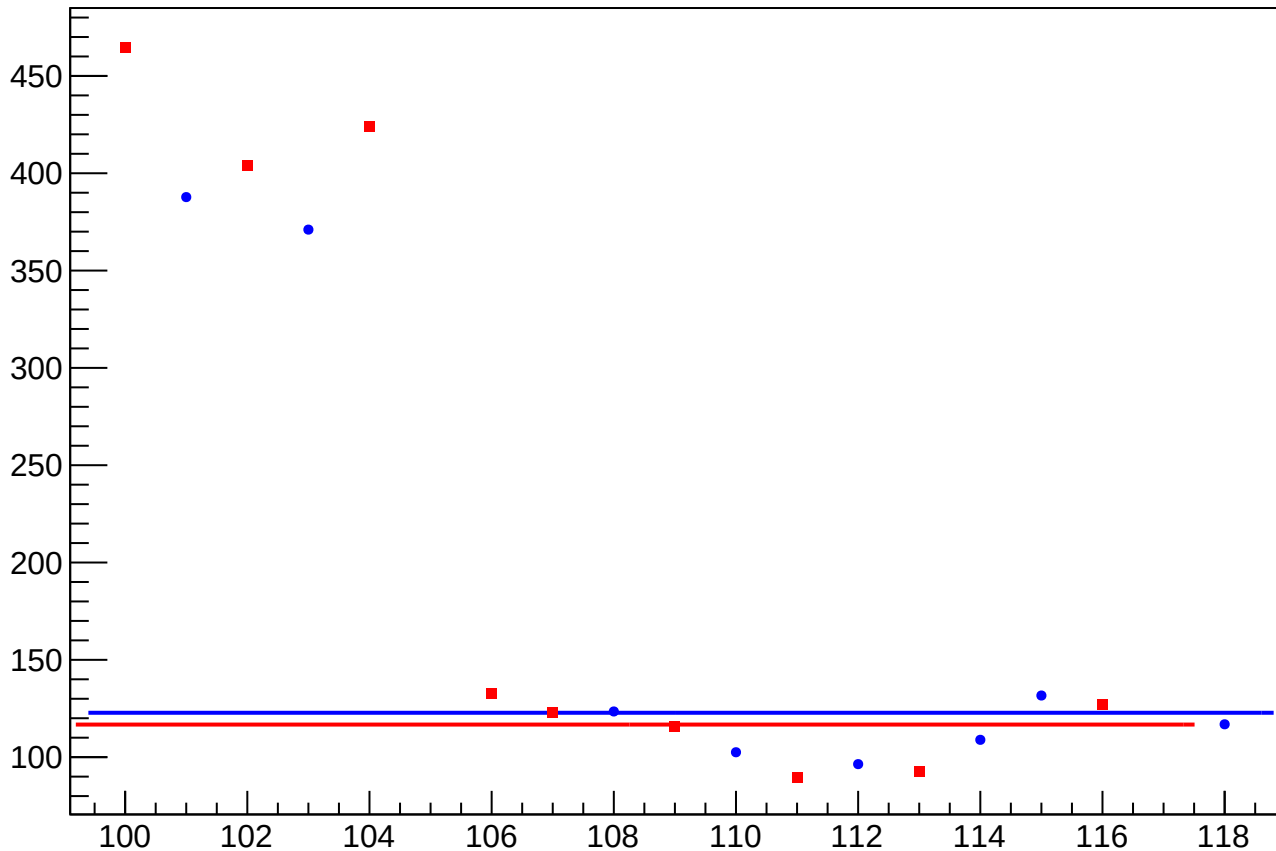
Right Out: 150435.128 $\pm$ 0.071 χ^2 /NDF: 32882687.1/8

All: 150391.701 $\pm$ 0.052 χ^2 /NDF: 65798650.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 122.805 $\pm$ 0.054 χ^2 /NDF: 1221501.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 116.744 $\pm$ 0.050 χ^2 /NDF: 1430417.0/8

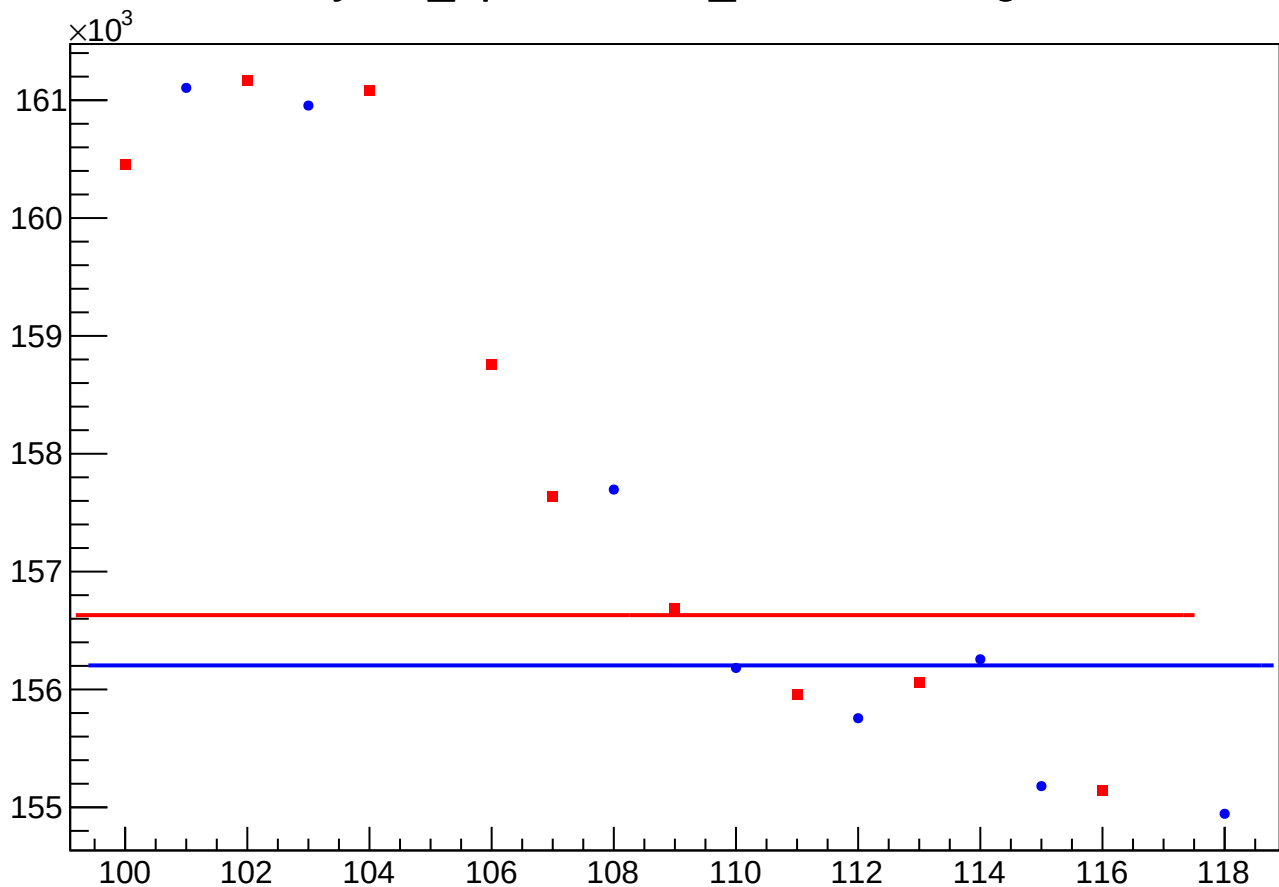
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.540 $\pm$ 0.037 χ^2 /NDF: 2658620.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 156204.011 $\pm$ 0.081 χ^2 /NDF: 302976273.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

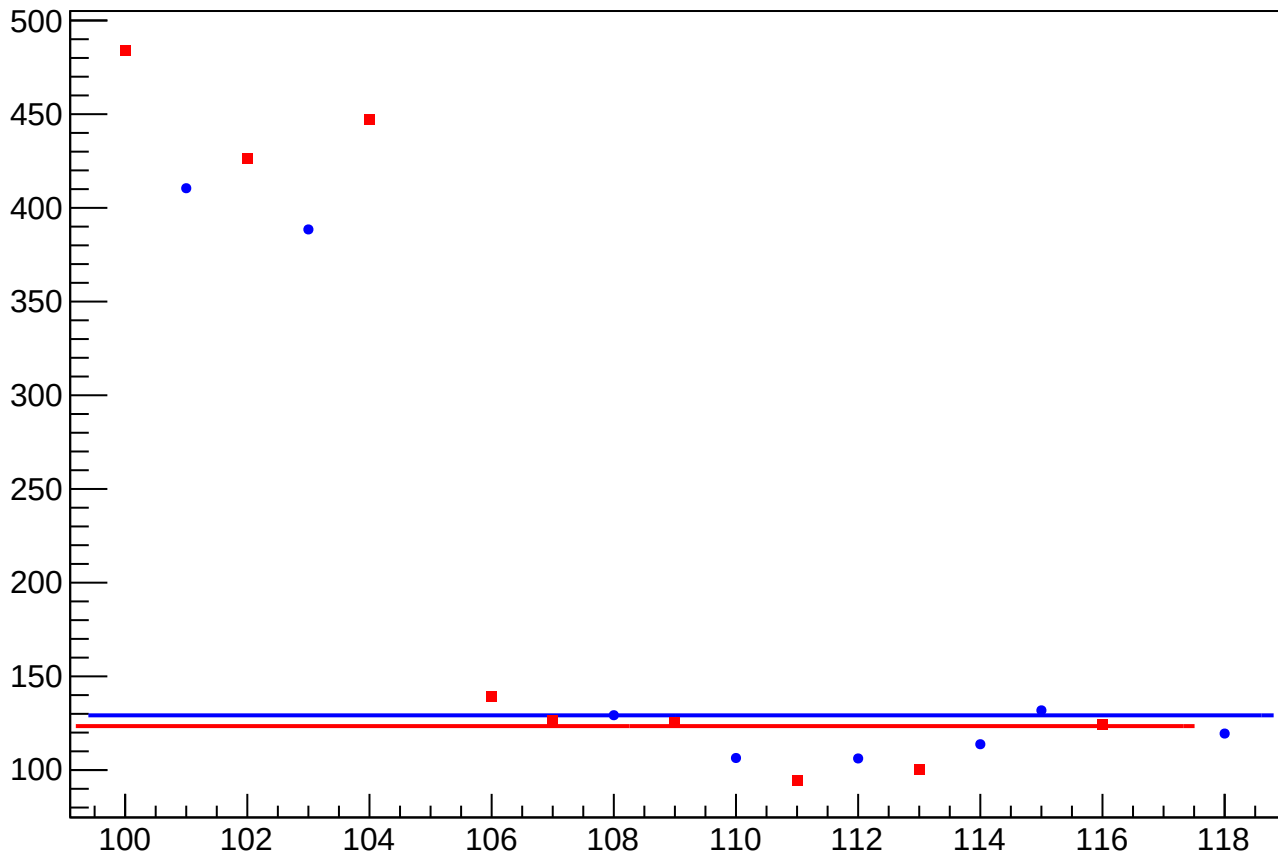
Right Out: 156630.614 $\pm$ 0.075 χ^2 /NDF: 290312278.9/8

All: 156432.924 $\pm$ 0.055 χ^2 /NDF: 60826933.0/15

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug



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: 123.459 $\pm$ 0.053 χ^2 /NDF: 1413581.1/8

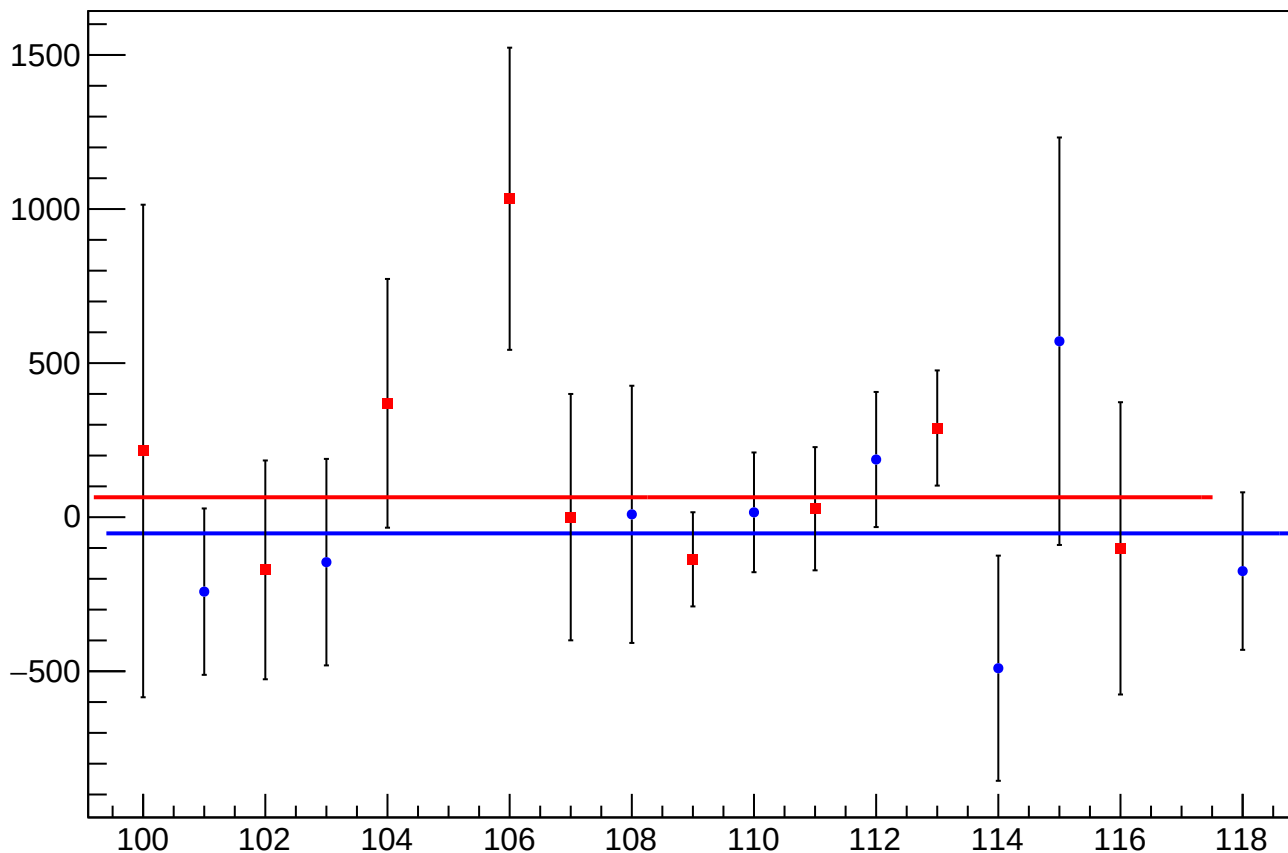
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.121 $\pm$ 0.039 χ^2 /NDF: 2624288.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_target_mean vs Slug



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: 64.656+/-88.750 χ^2/NDF : 8.3/8

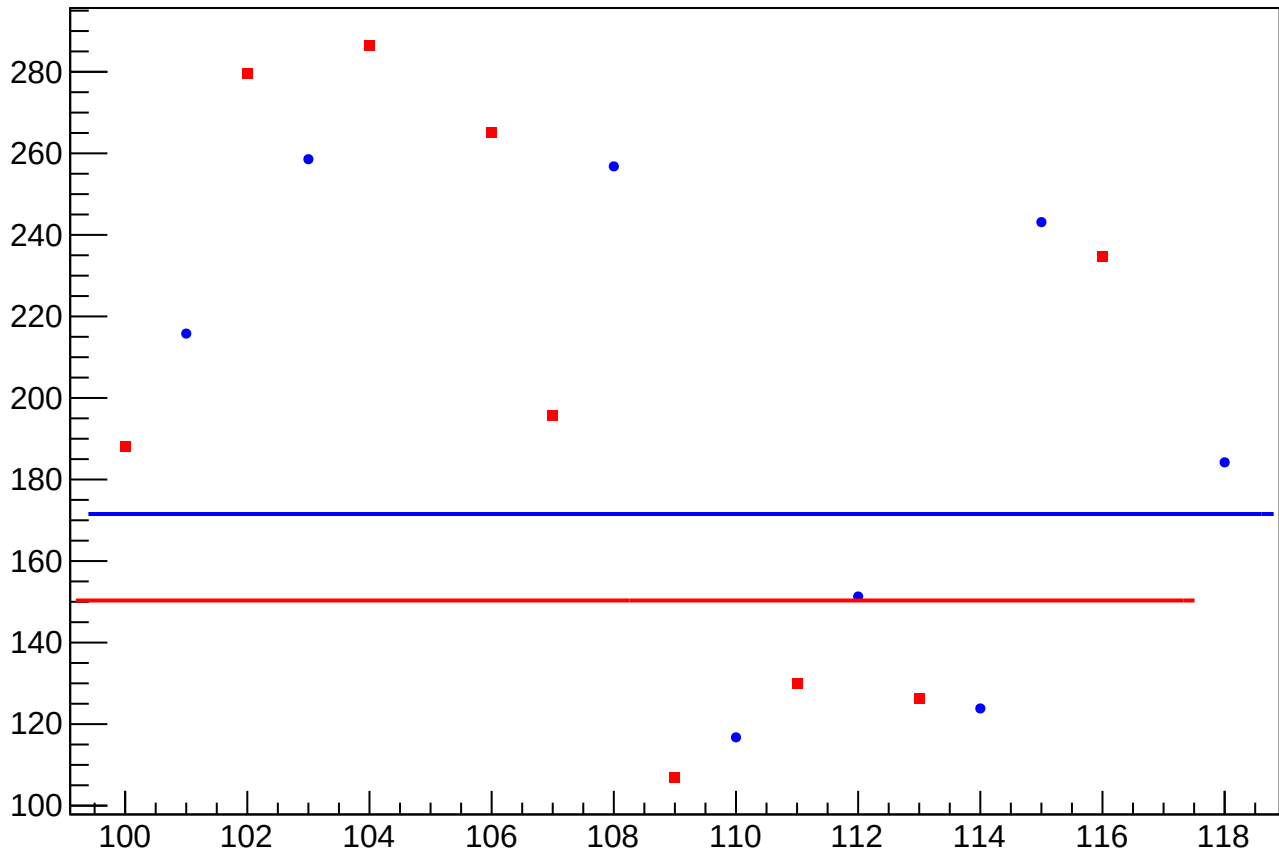
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.795+/-66.270 χ^2/NDF : 13.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



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: 150.323+/-0.063 χ^2/NDF : 910854.5/8

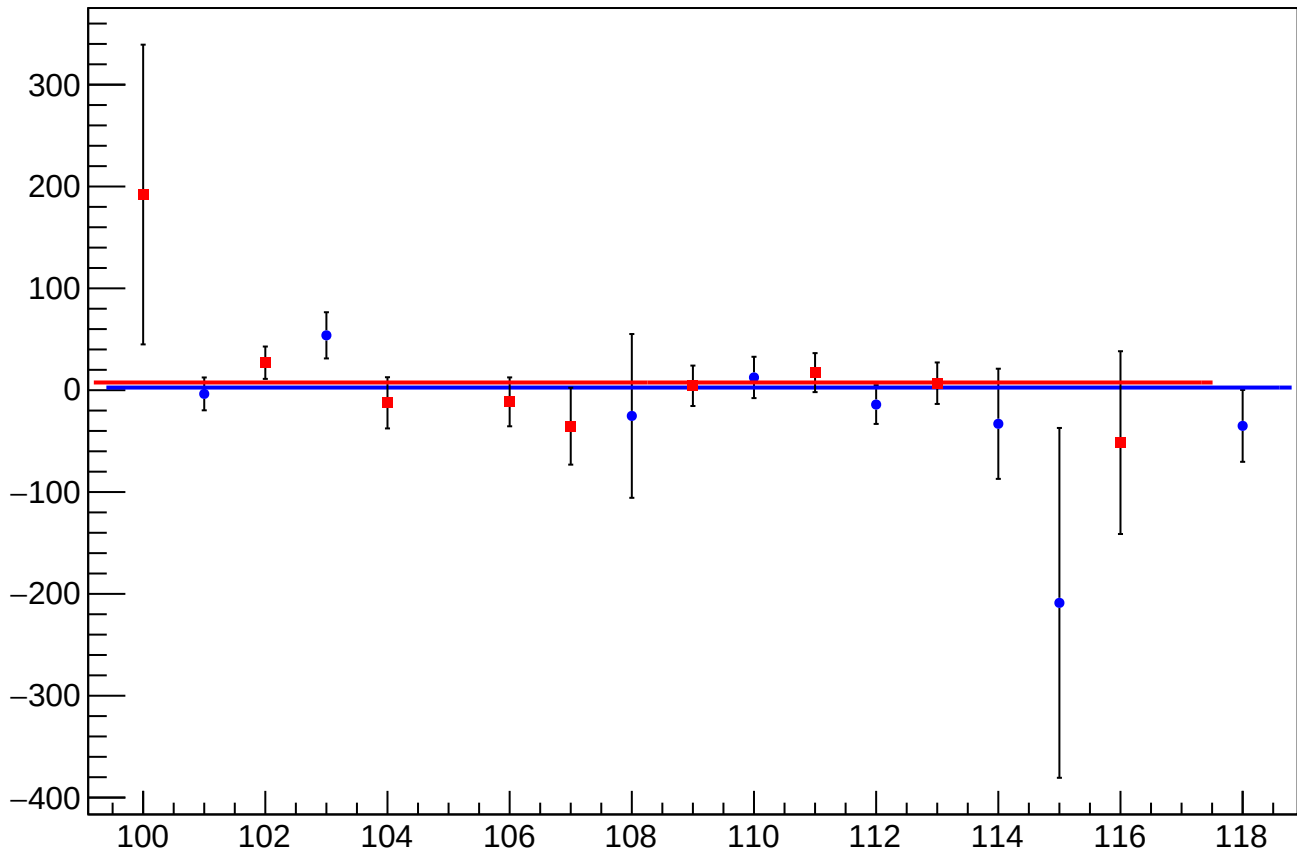
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.709+/-0.047 χ^2/NDF : 1472030.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_mean vs Slug



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: 7.569+/-7.948 χ^2/NDF : 6.3/8

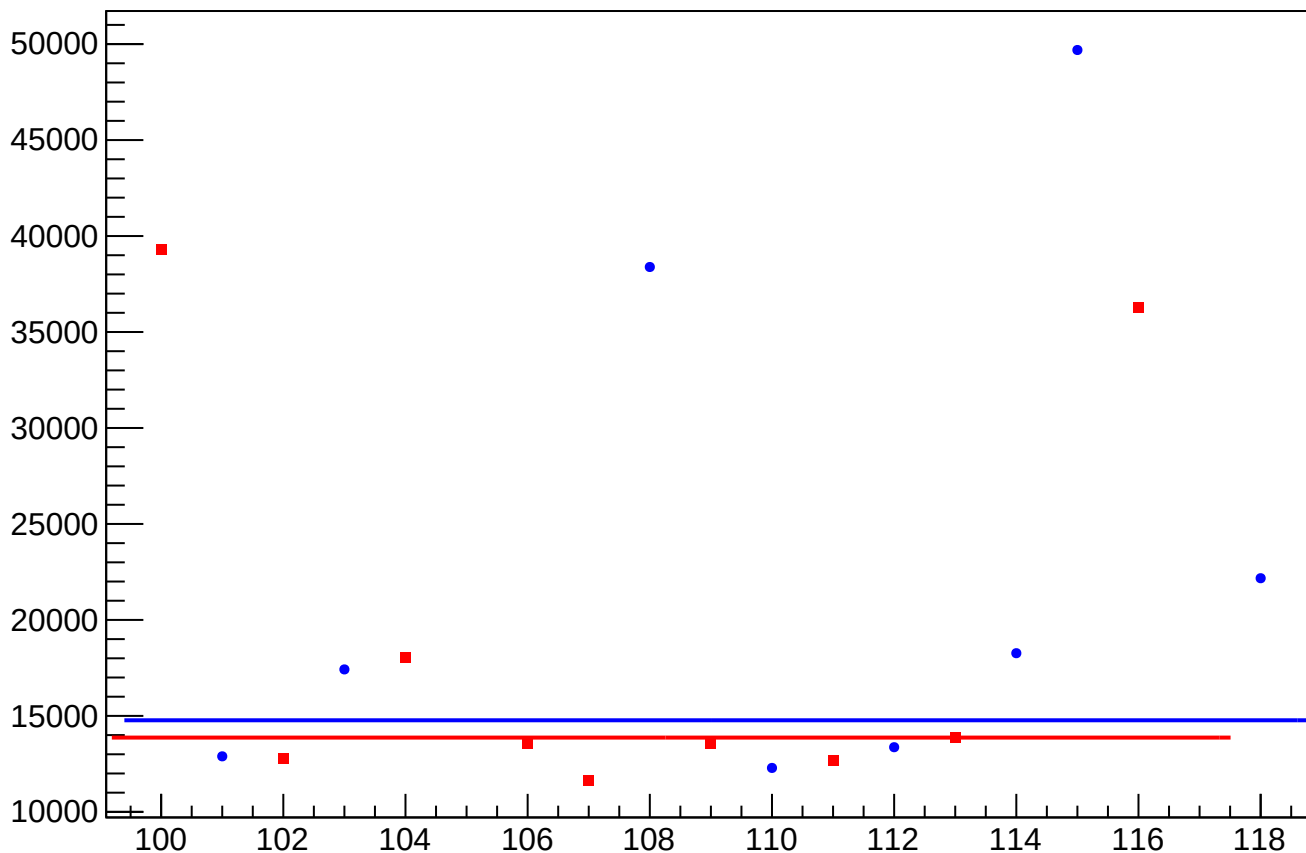
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.393+/-5.961 χ^2/NDF : 16.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_rms vs Slug



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: 13870.107+/-5.620 χ^2/NDF : 265202.3/8

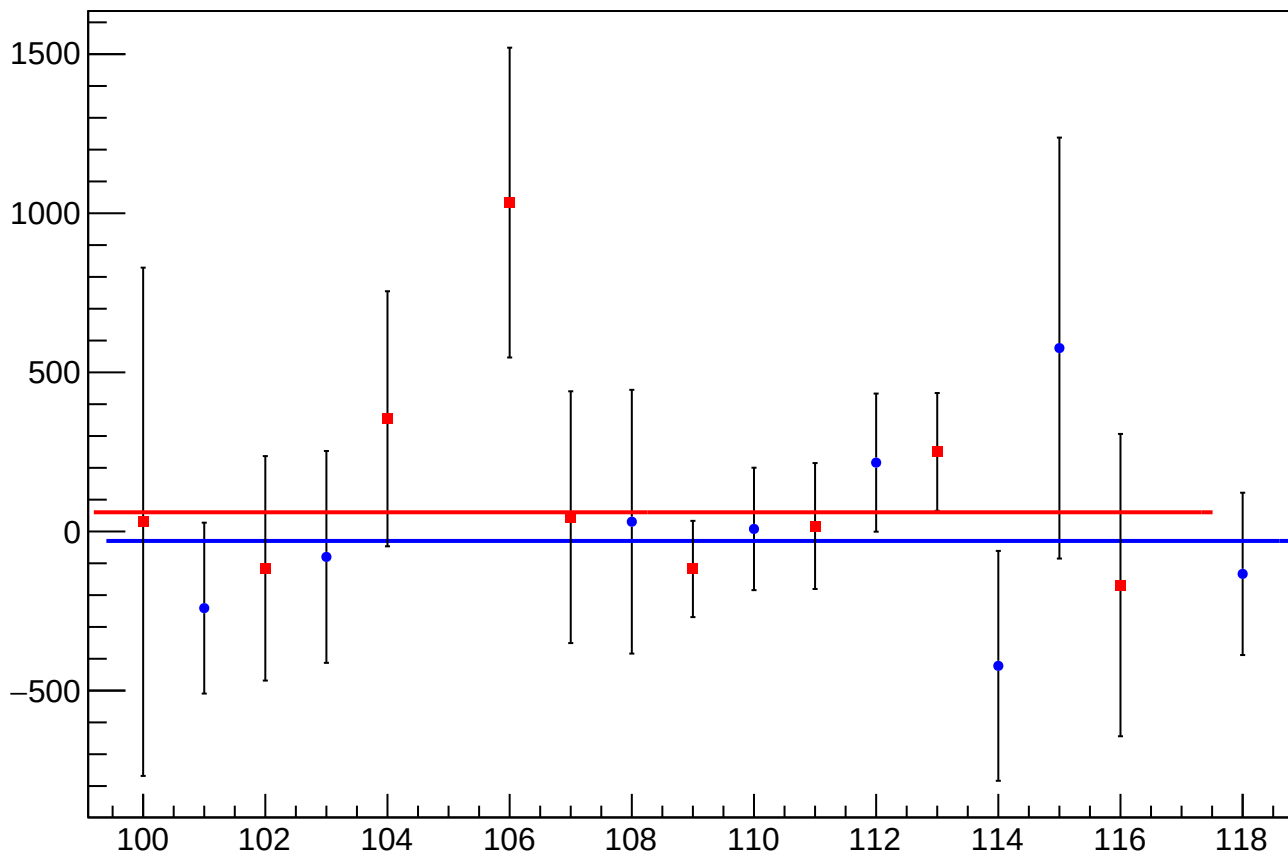
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14264.375+/-4.215 χ^2/NDF : 723114.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



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: 60.336+/-87.943 χ^2/NDF : 7.5/8

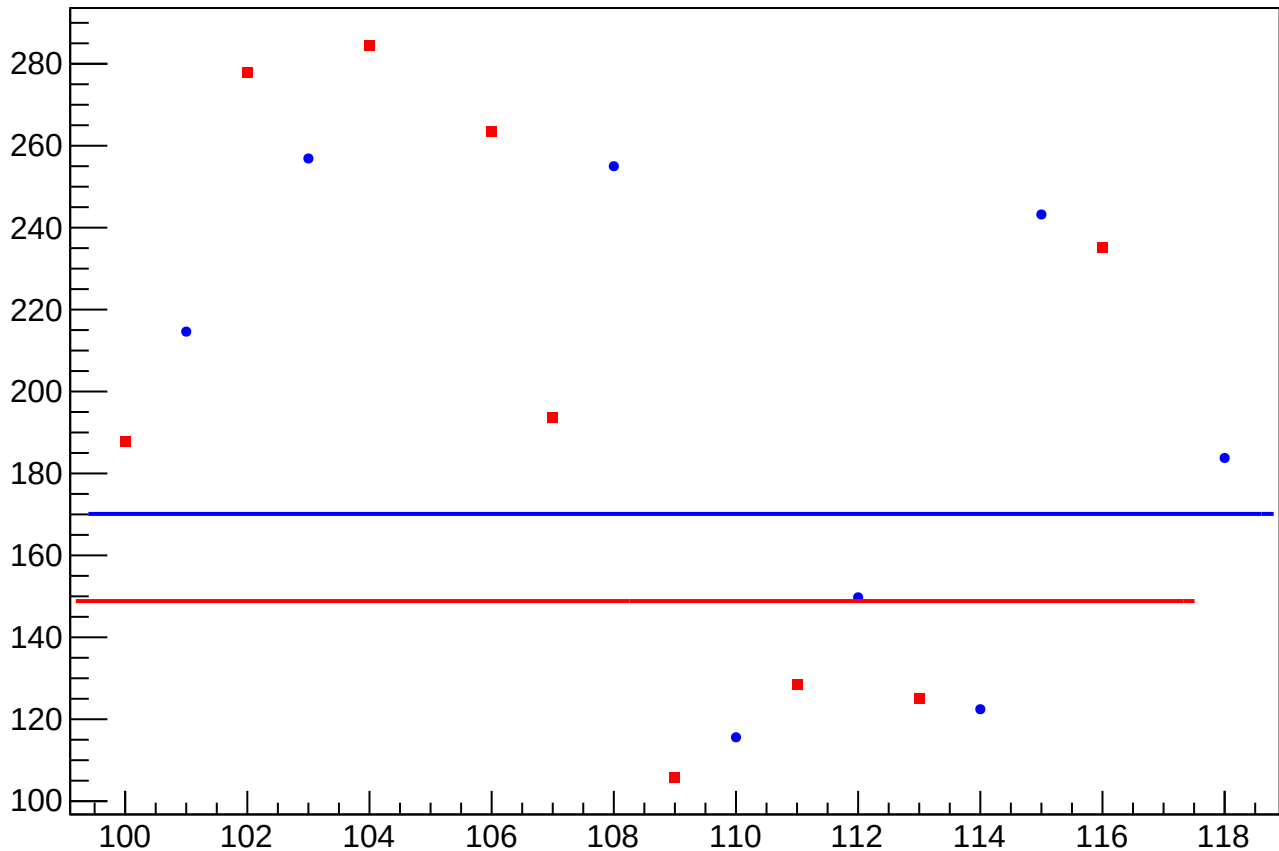
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.555+/-65.710 χ^2/NDF : 12.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 170.122 $\pm$ 0.070 χ^2 /NDF: 518014.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.850 $\pm$ 0.062 χ^2 /NDF: 918852.4/8

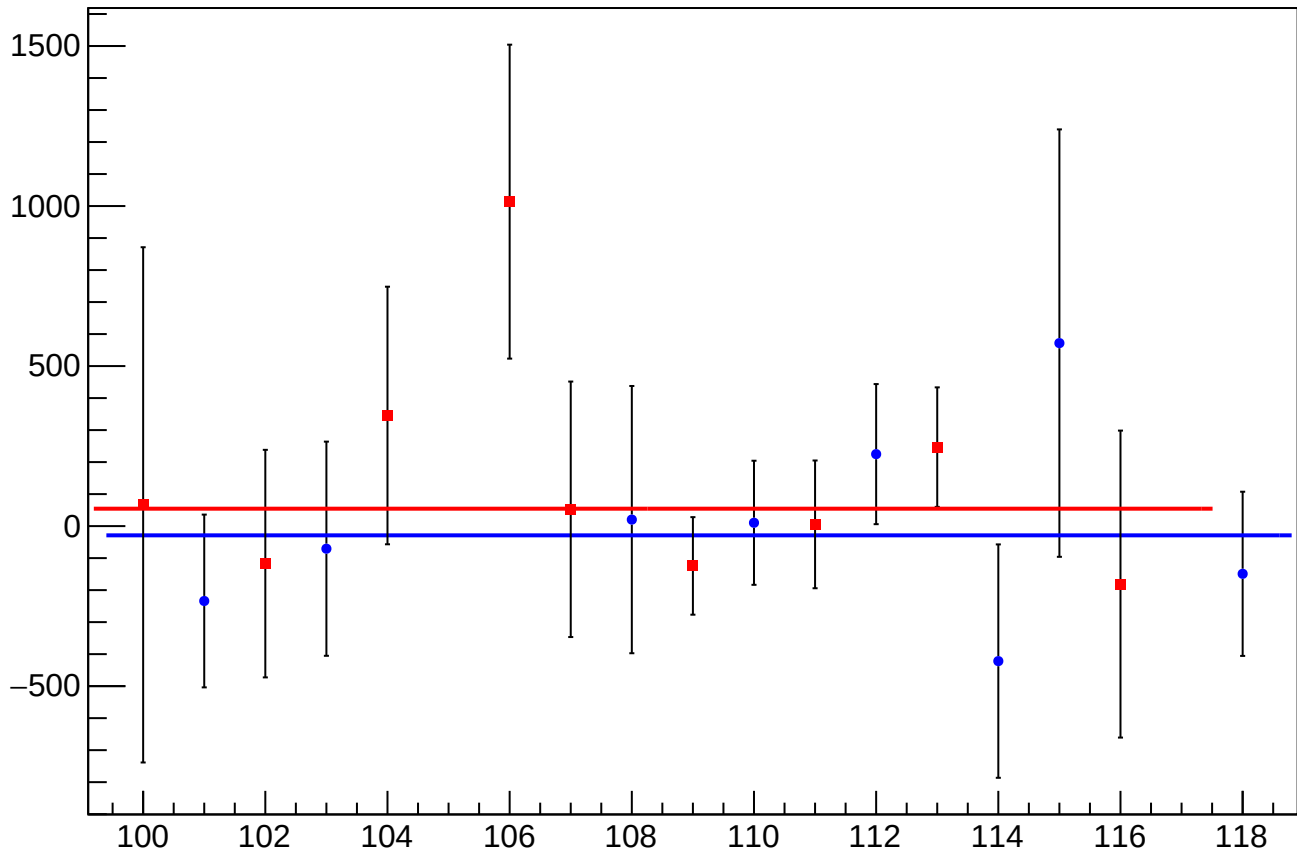
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.246 $\pm$ 0.046 χ^2 /NDF: 1488550.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -28.852 $\pm$ 99.580 χ^2 /NDF: 4.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 54.415 $\pm$ 88.642 χ^2 /NDF: 7.3/8

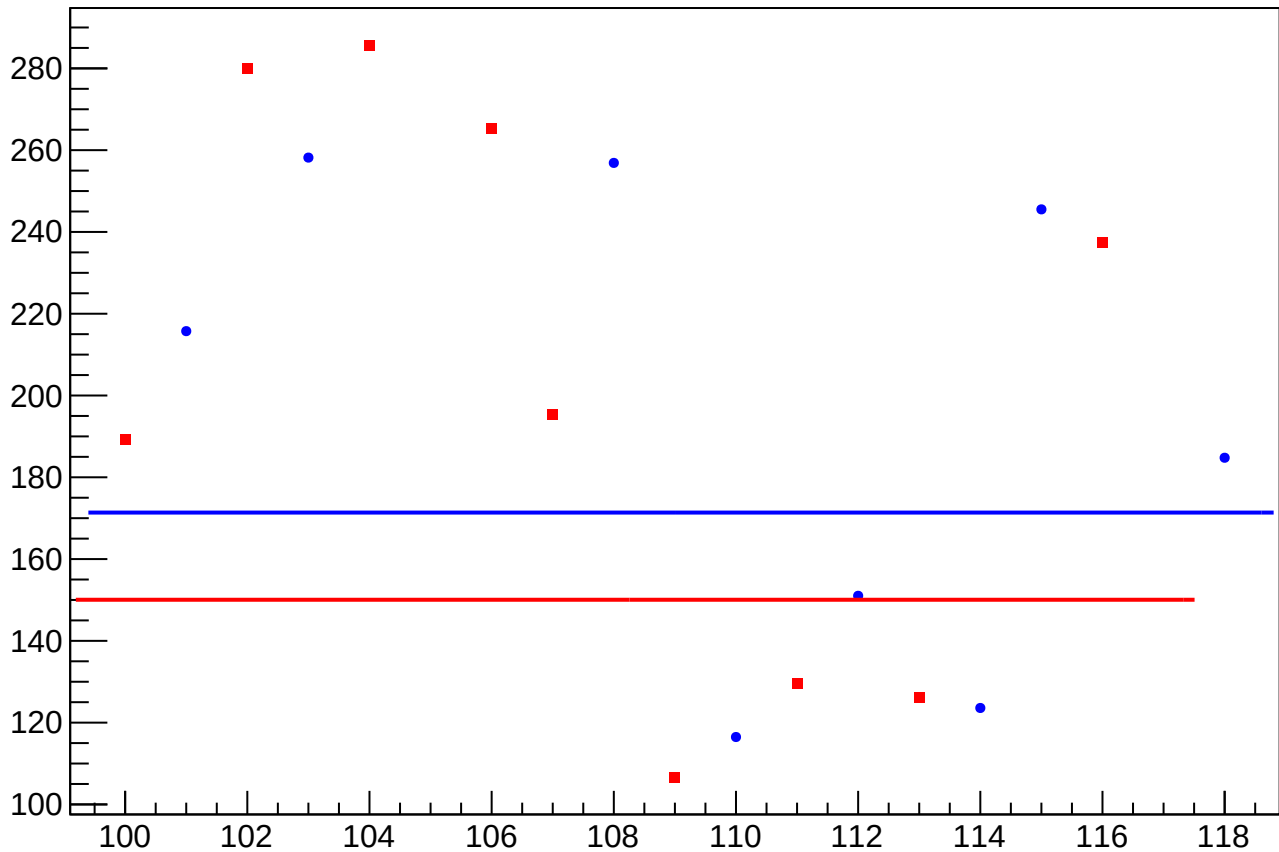
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.604 $\pm$ 66.210 χ^2 /NDF: 11.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 171.372 $\pm$ 0.070 χ^2 /NDF: 514678.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.051 $\pm$ 0.063 χ^2 /NDF: 917036.3/8

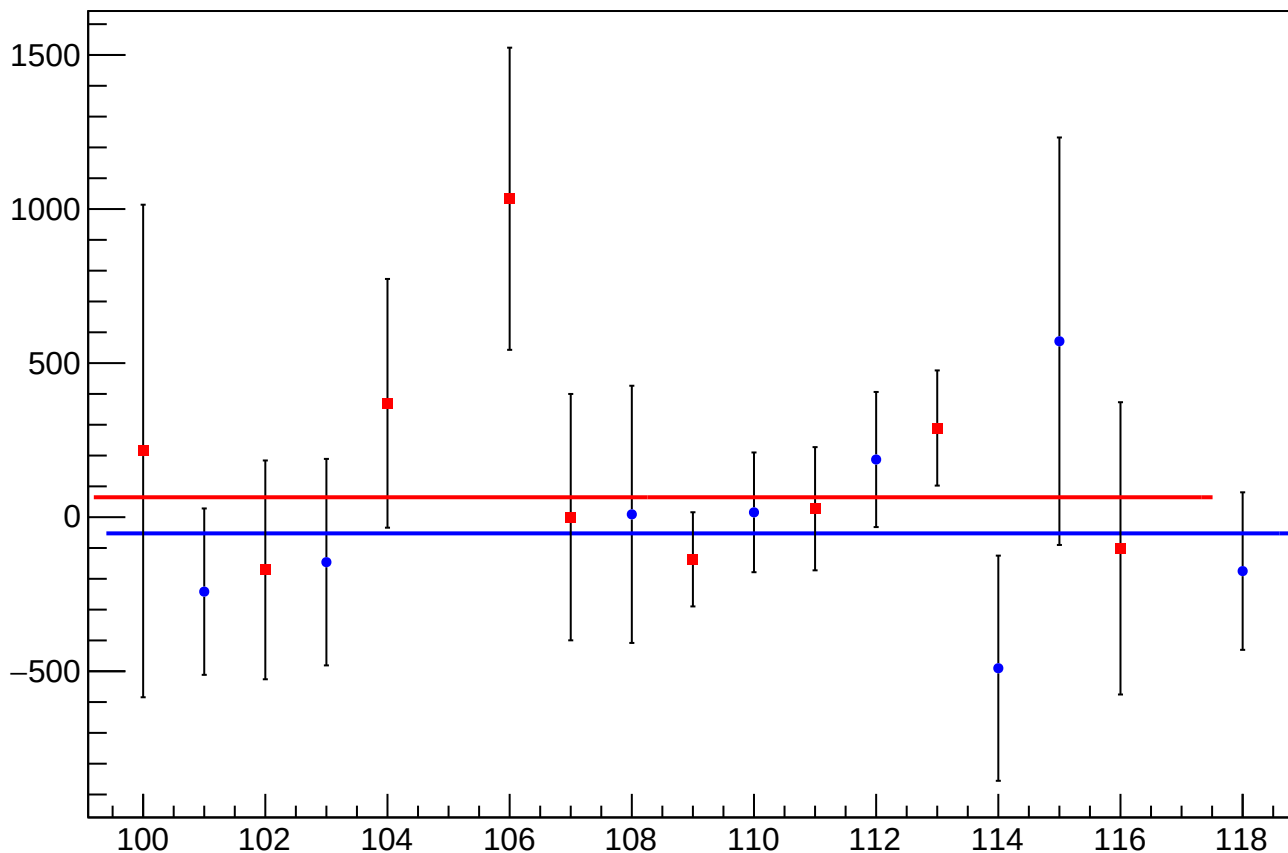
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.477 $\pm$ 0.047 χ^2 /NDF: 1482869.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_mean vs Slug



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: 64.656+/-88.750 χ^2/NDF : 8.3/8

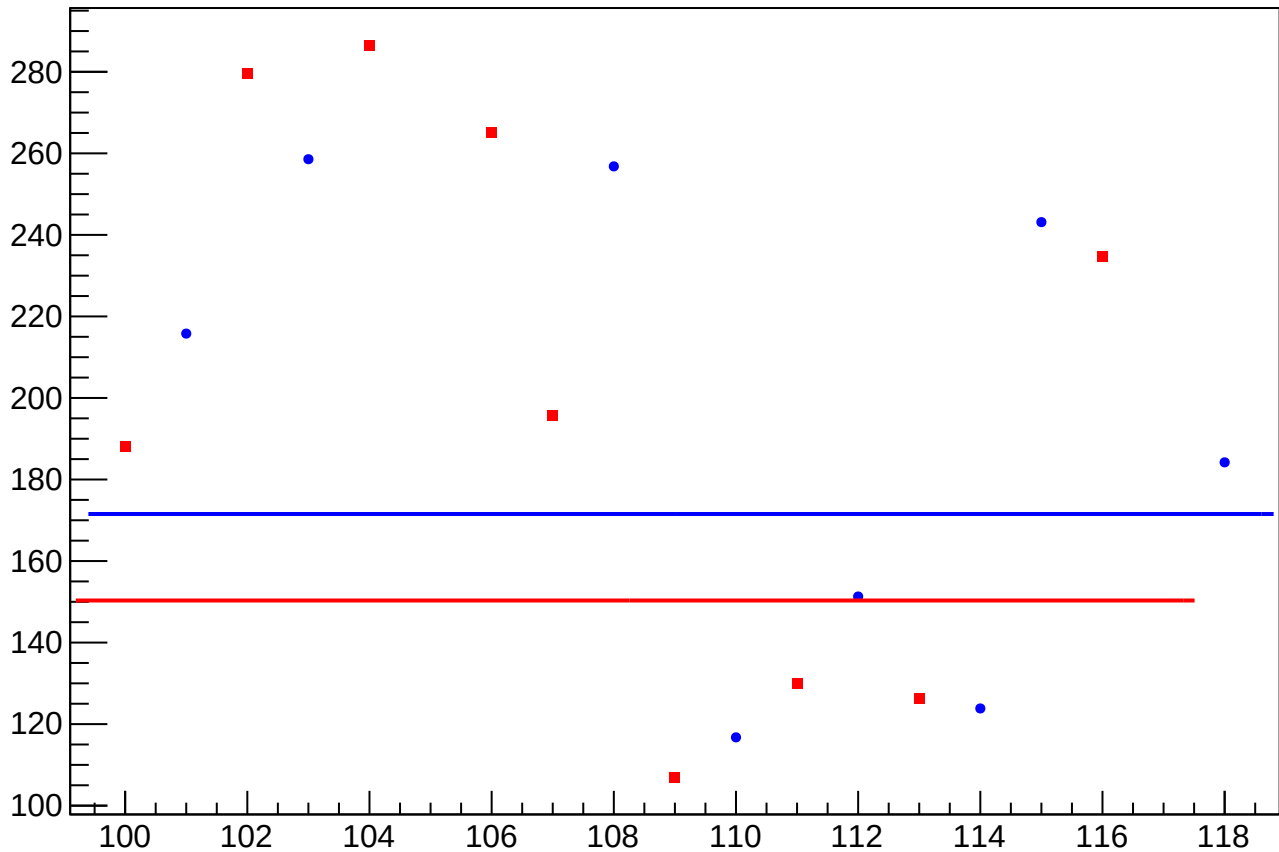
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.795+/-66.270 χ^2/NDF : 13.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 171.538 $\pm$ 0.070 χ^2 /NDF: 510615.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.323 $\pm$ 0.063 χ^2 /NDF: 910854.5/8

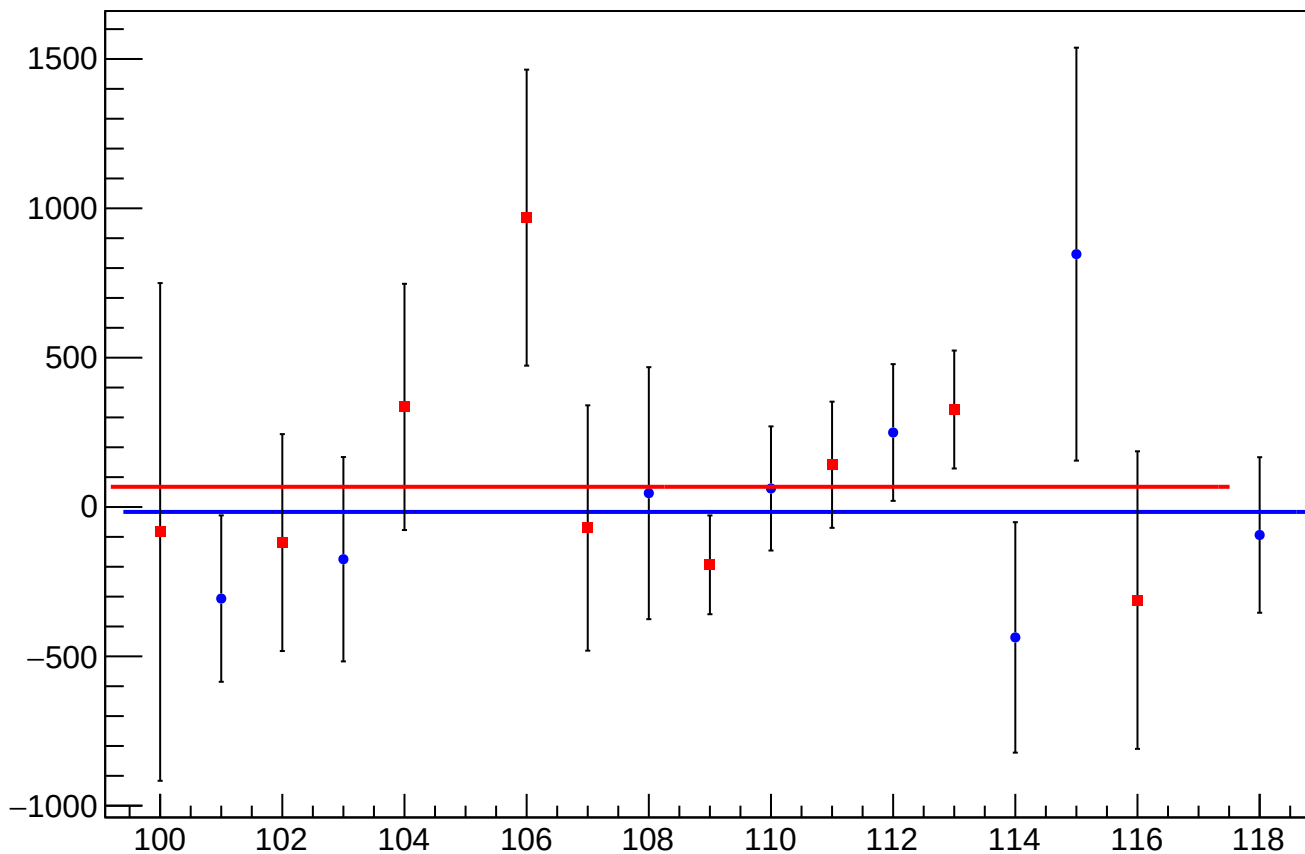
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.709 $\pm$ 0.047 χ^2 /NDF: 1472030.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug



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: 67.693+/-93.822 χ^2/NDF : 9.1/8

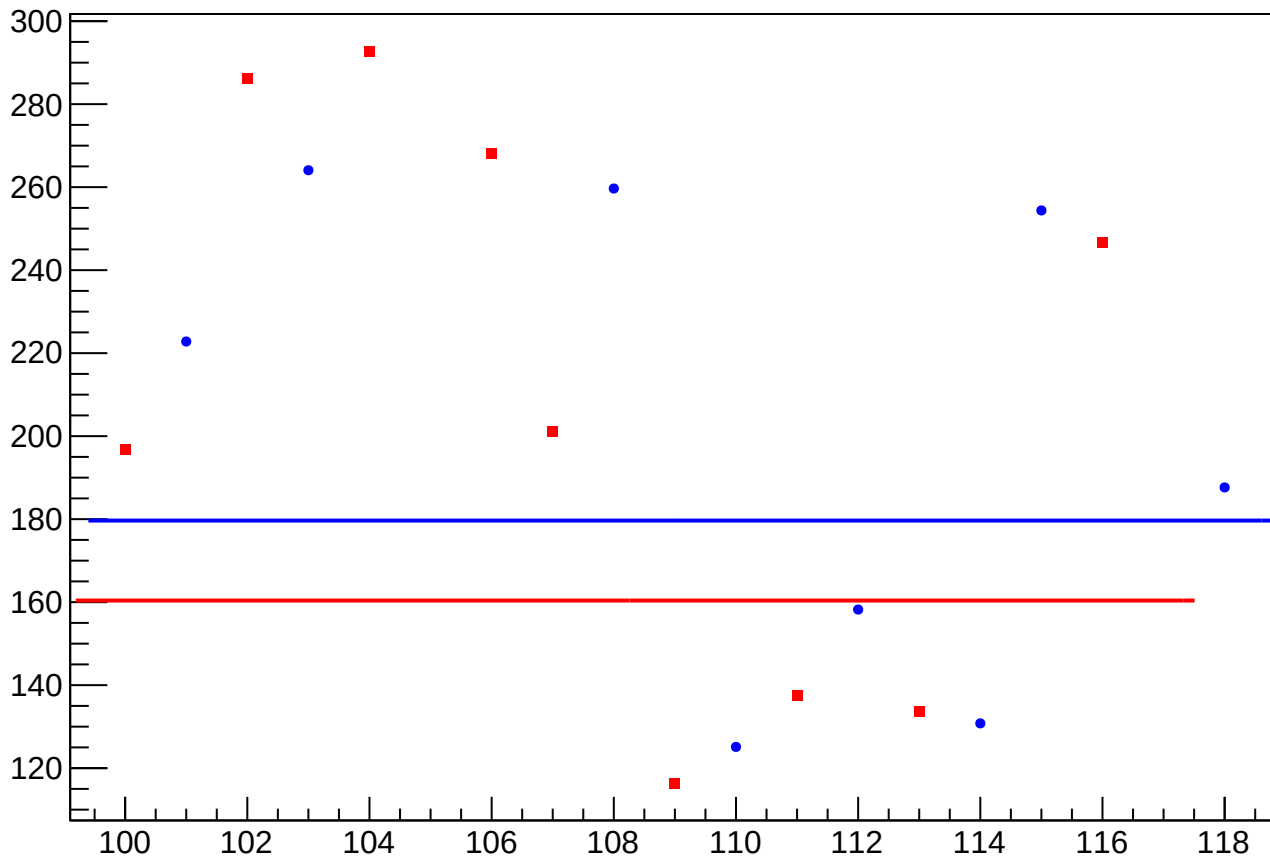
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.862+/-69.595 χ^2/NDF : 15.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 179.663 $\pm$ 0.073 χ^2 /NDF: 454353.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.387 $\pm$ 0.066 χ^2 /NDF: 826117.0/8

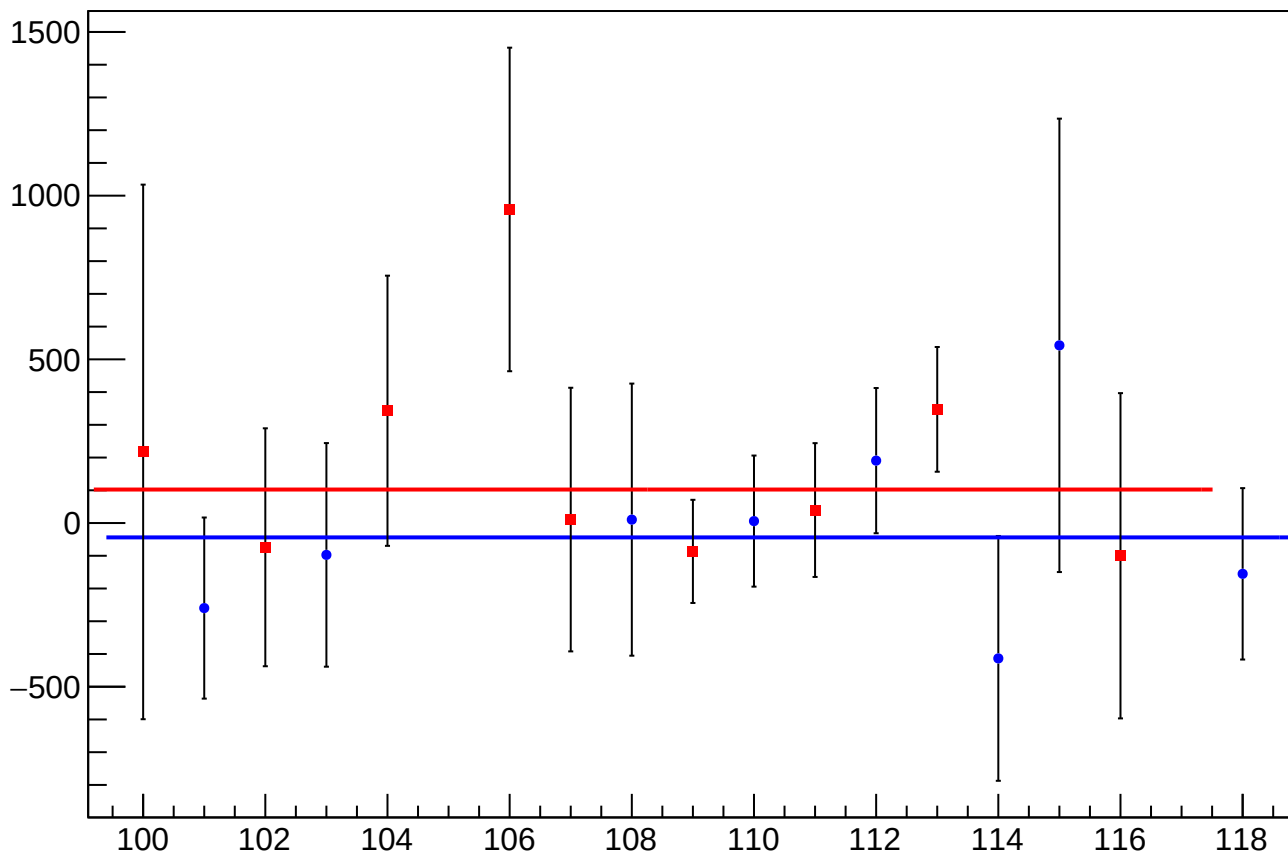
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.056 $\pm$ 0.049 χ^2 /NDF: 1318440.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug



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: 102.327 ± 90.893 χ^2/NDF : 7.0/8

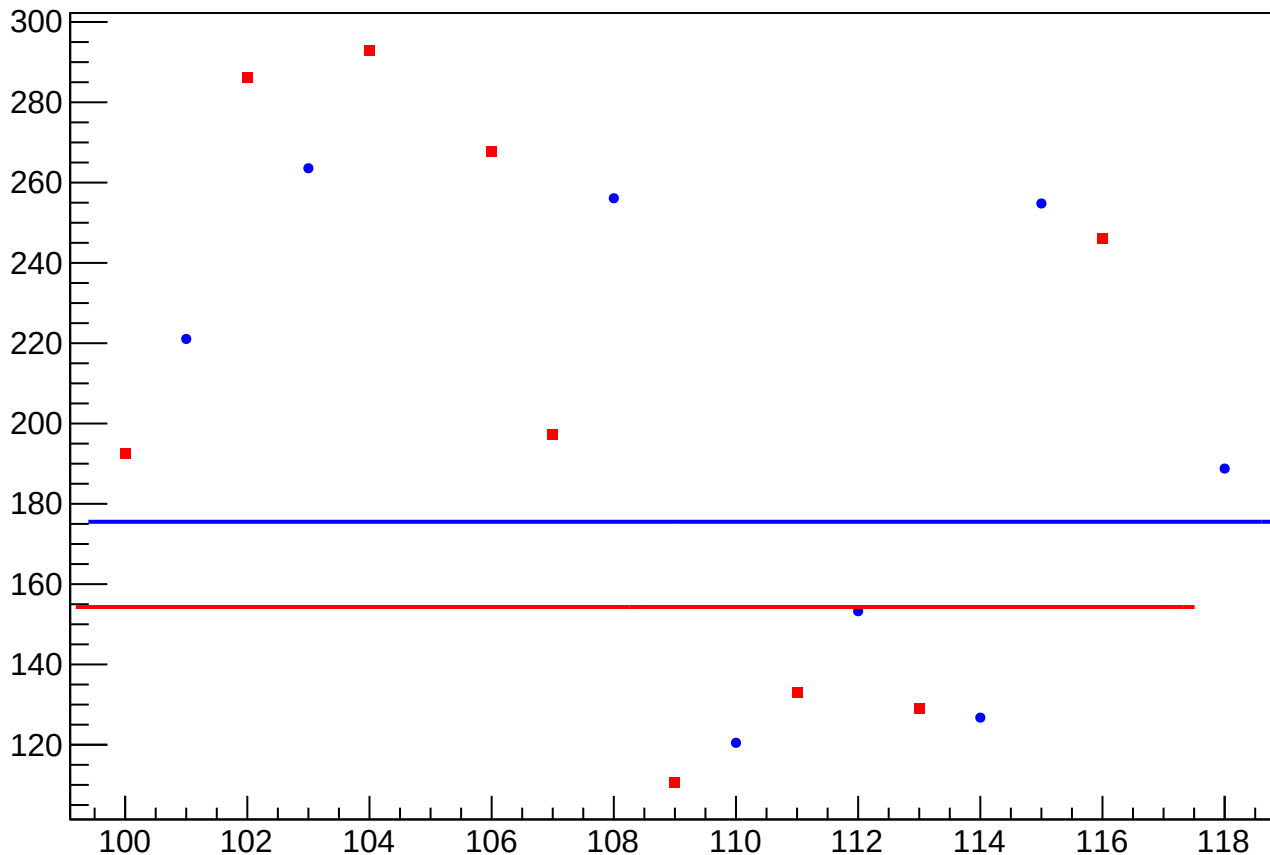
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 37.458 ± 67.794 χ^2/NDF : 11.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 175.534 $\pm$ 0.072 χ^2 /NDF: 499002.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.307 $\pm$ 0.064 χ^2 /NDF: 900930.8/8

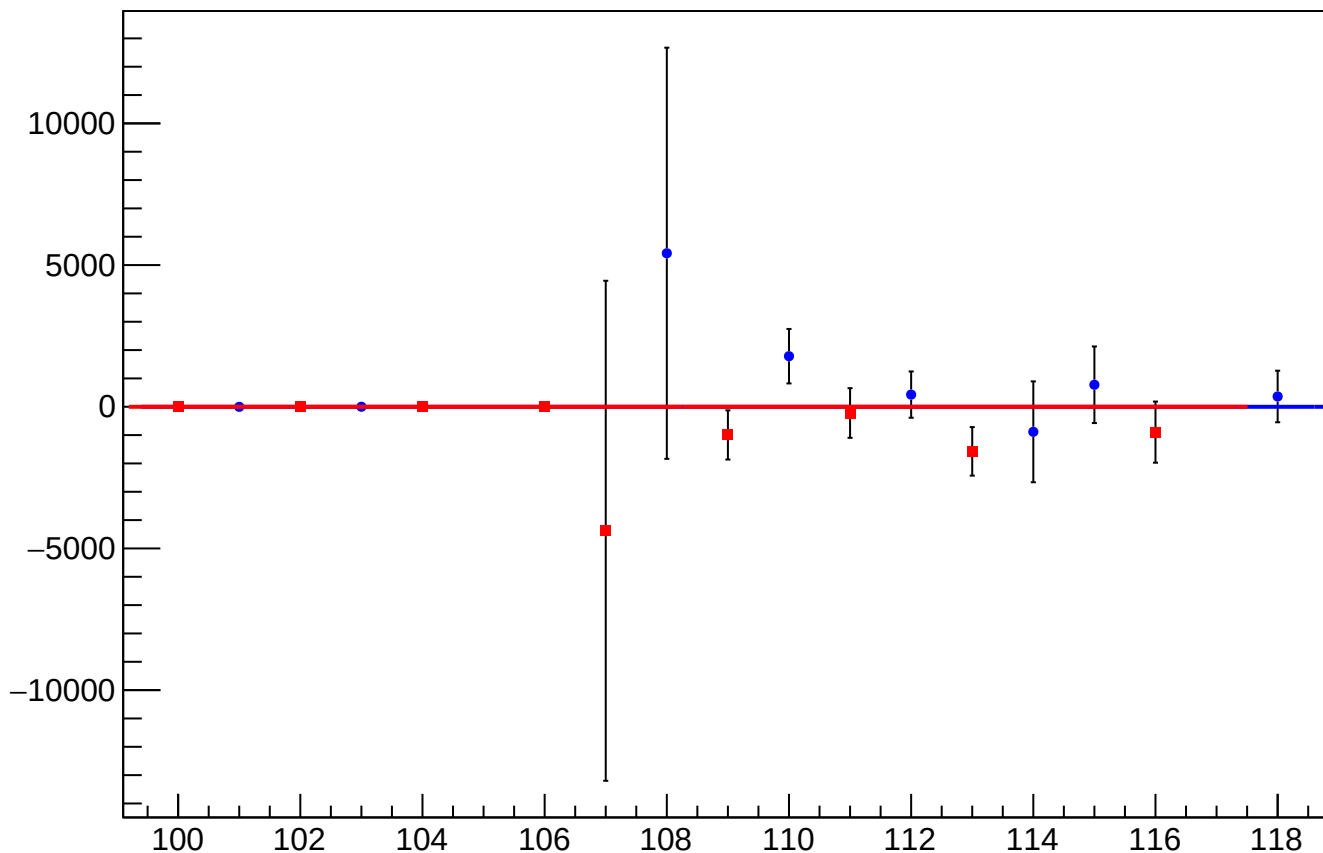
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.725 $\pm$ 0.048 χ^2 /NDF: 1448328.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

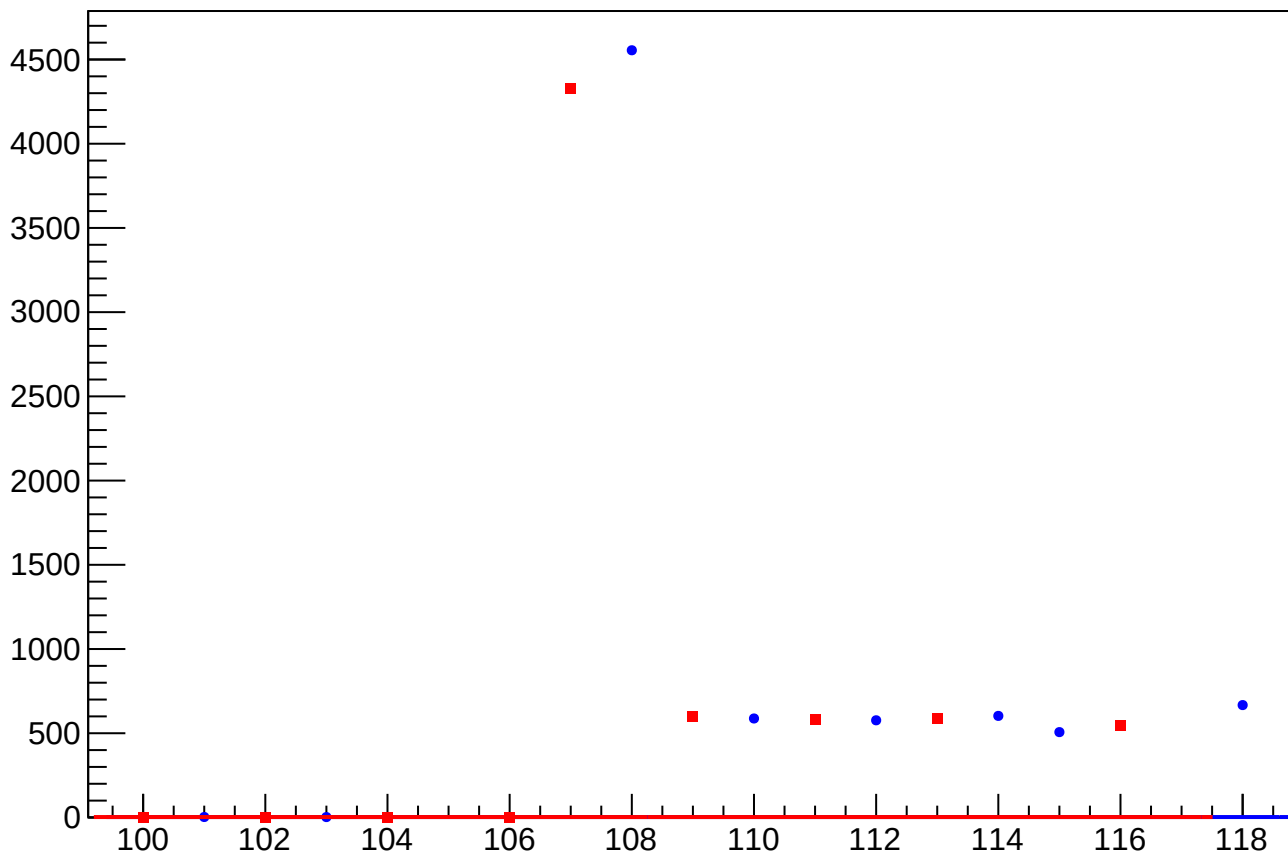
asym_cav4bQ_mean vs Slug



Right In: -1.203 ± 2.171 $\chi^2/\text{NDF}: 5.4/7$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: -1.381 ± 2.022 $\chi^2/\text{NDF}: 10.9/8$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: -1.298 ± 1.480 $\chi^2/\text{NDF}: 16.3/16$
 - sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_cav4bQ_rms vs Slug



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: 2.434+/-0.001 χ^2/NDF : 3764931.8/8

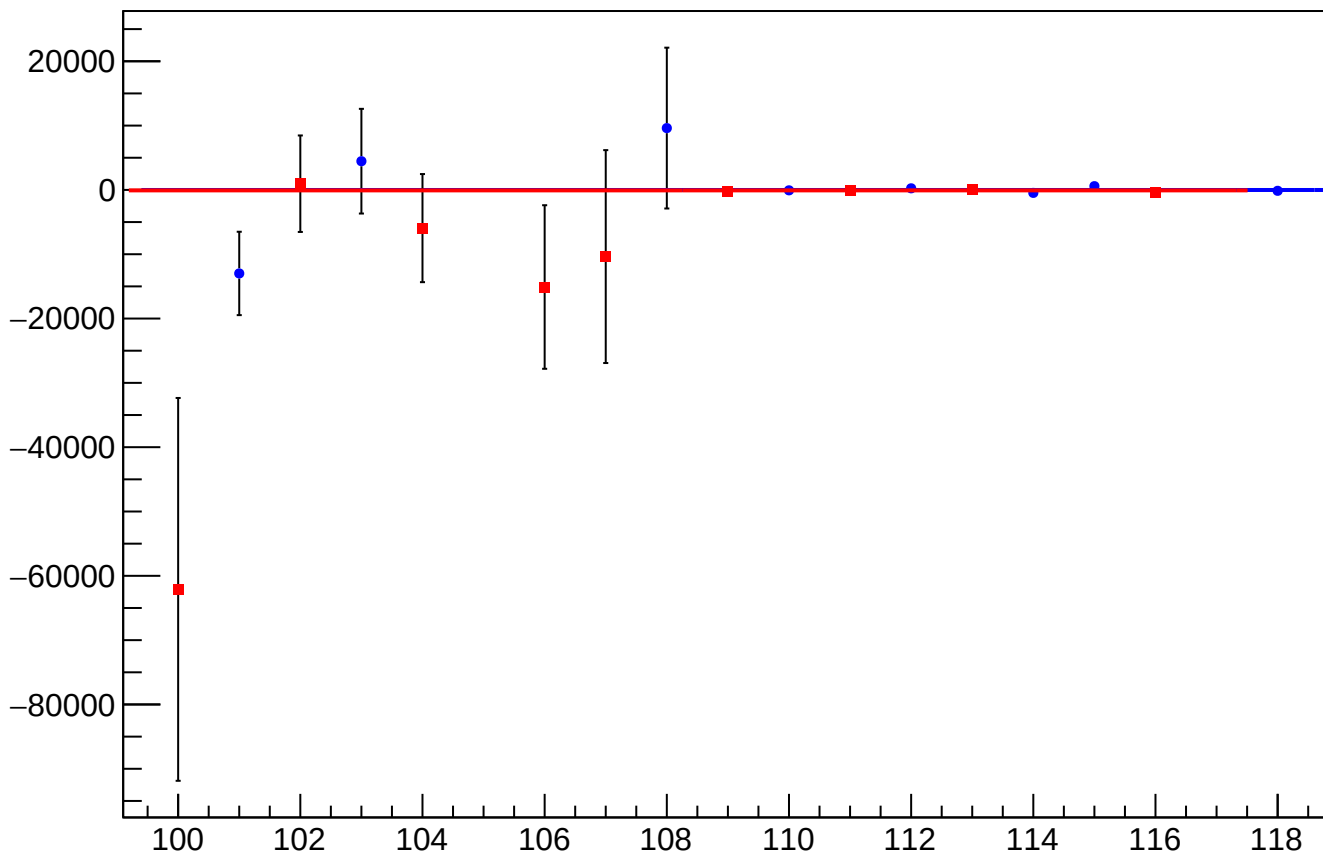
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.438+/-0.001 χ^2/NDF : 7872733.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



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: -72.845 $\pm$ 117.010 χ^2 /NDF: 7.7/8

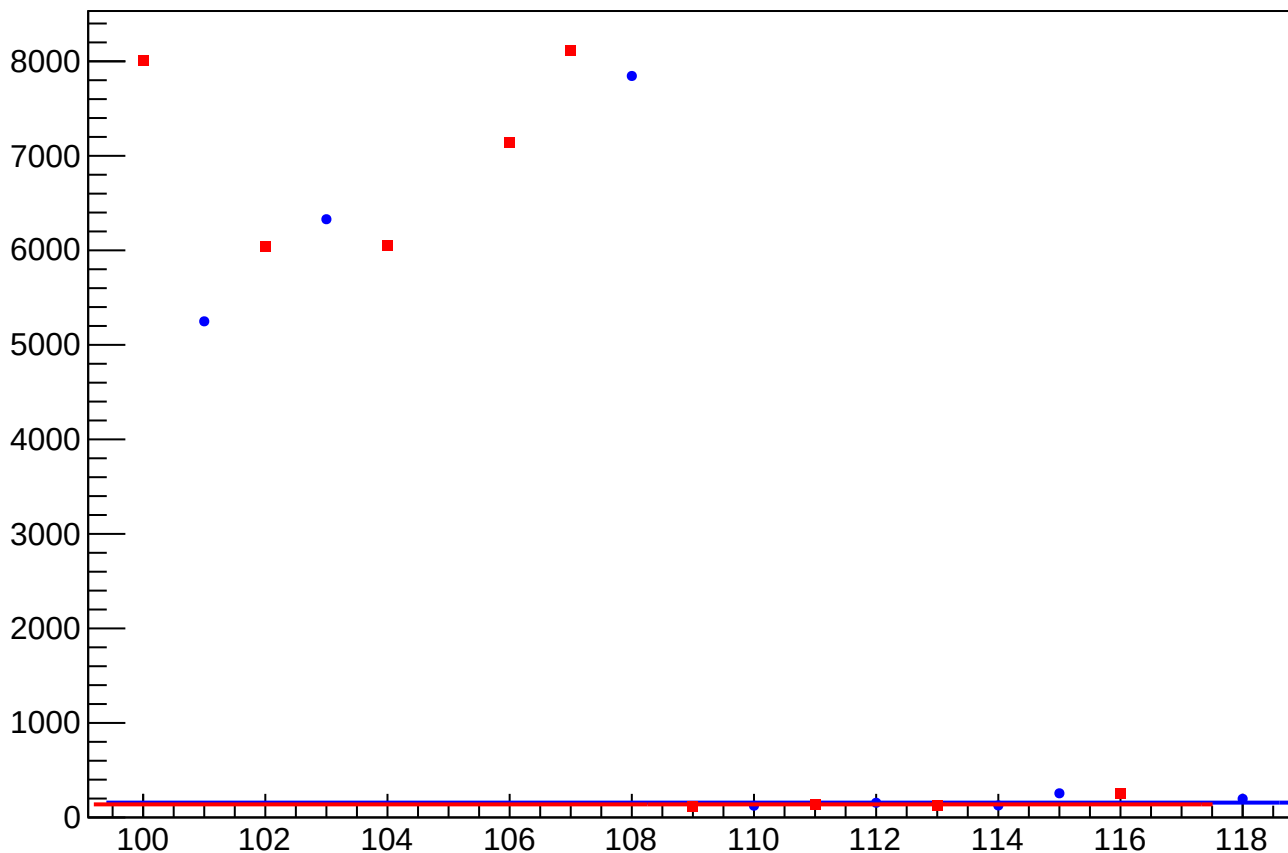
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.265 $\pm$ 84.802 χ^2 /NDF: 16.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4cQ_rms vs Slug



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: 138.362+/-0.083 χ^2/NDF : 3562796.3/8

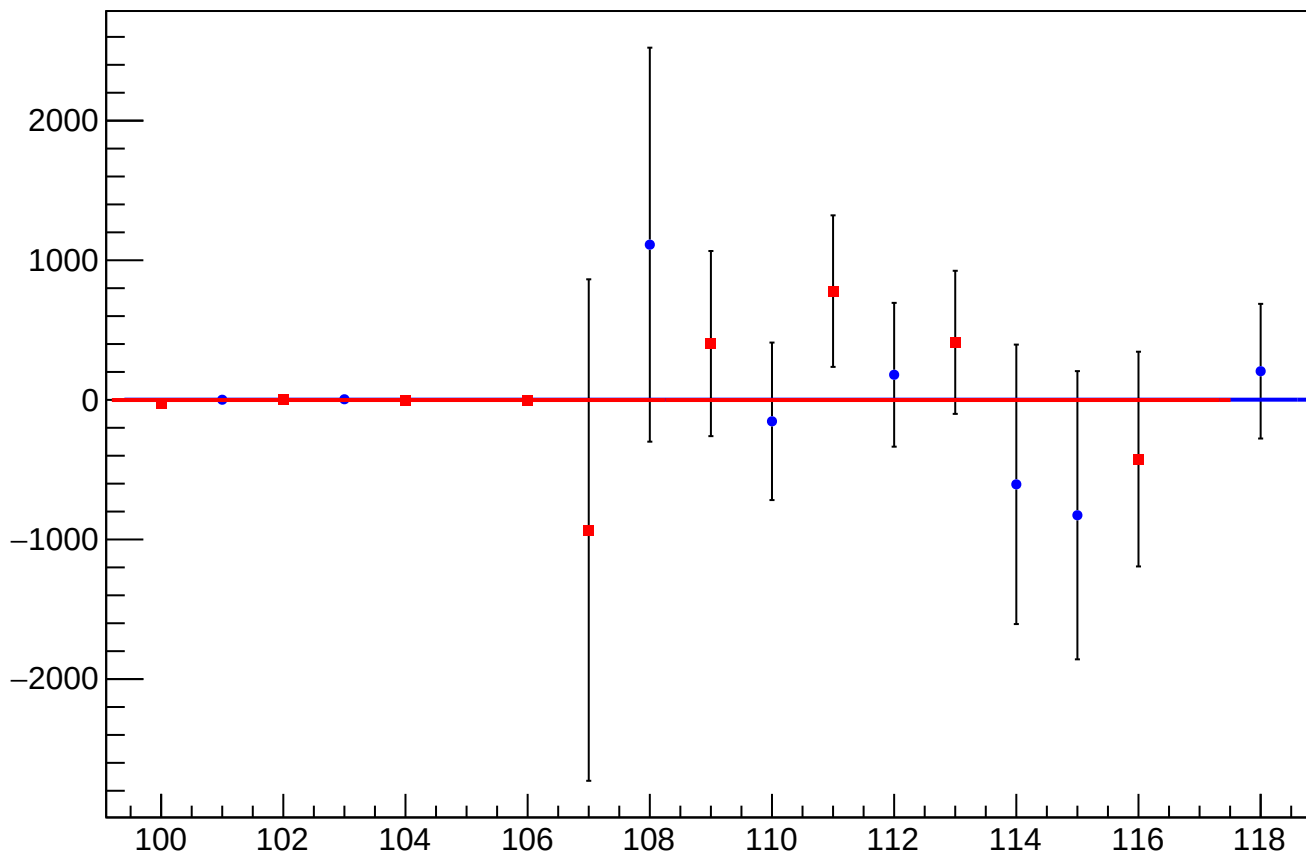
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.202+/-0.060 χ^2/NDF : 6873834.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



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: -1.104+/-1.528 χ^2/NDF : 6.2/8

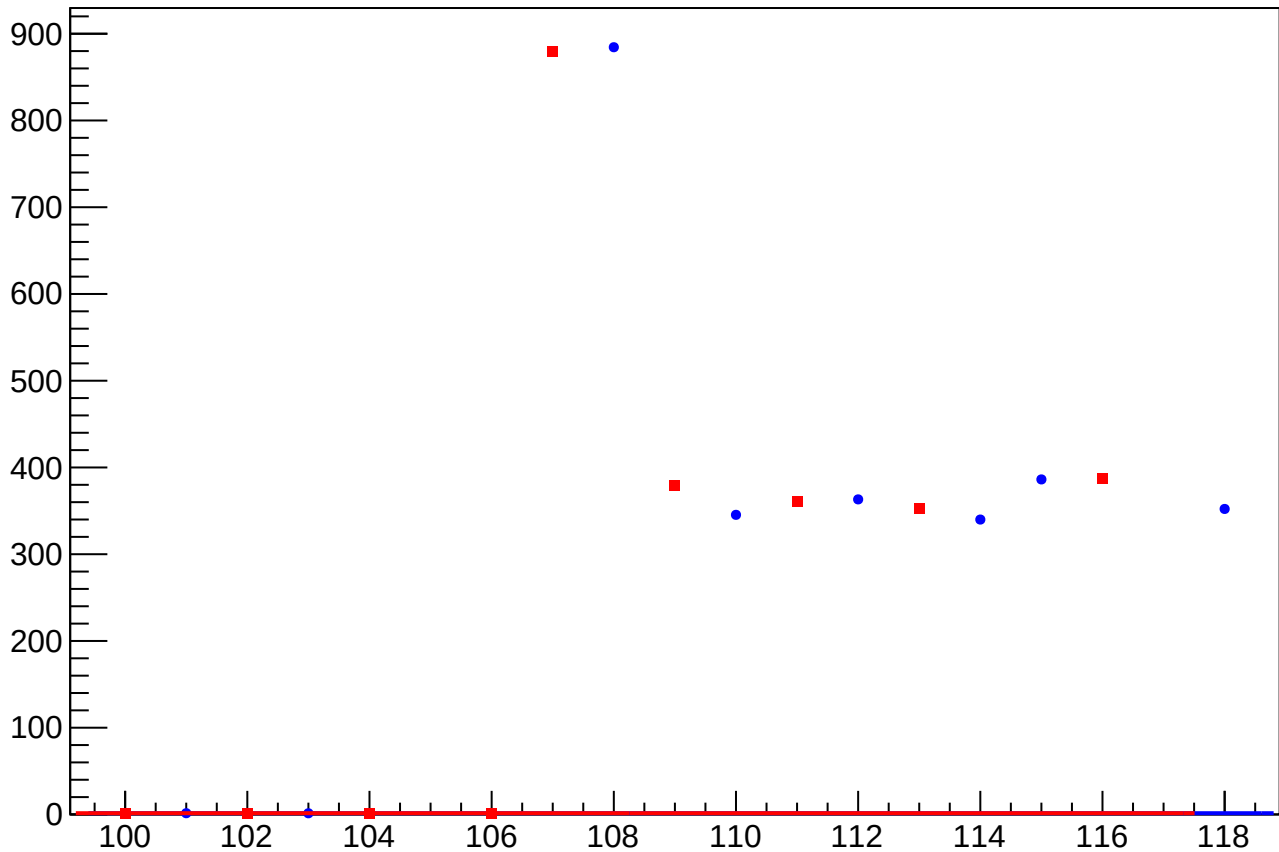
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-1.124 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.443 $\pm$ 0.001 χ^2 /NDF: 4078346.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.443 $\pm$ 0.001 χ^2 /NDF: 3447337.5/8

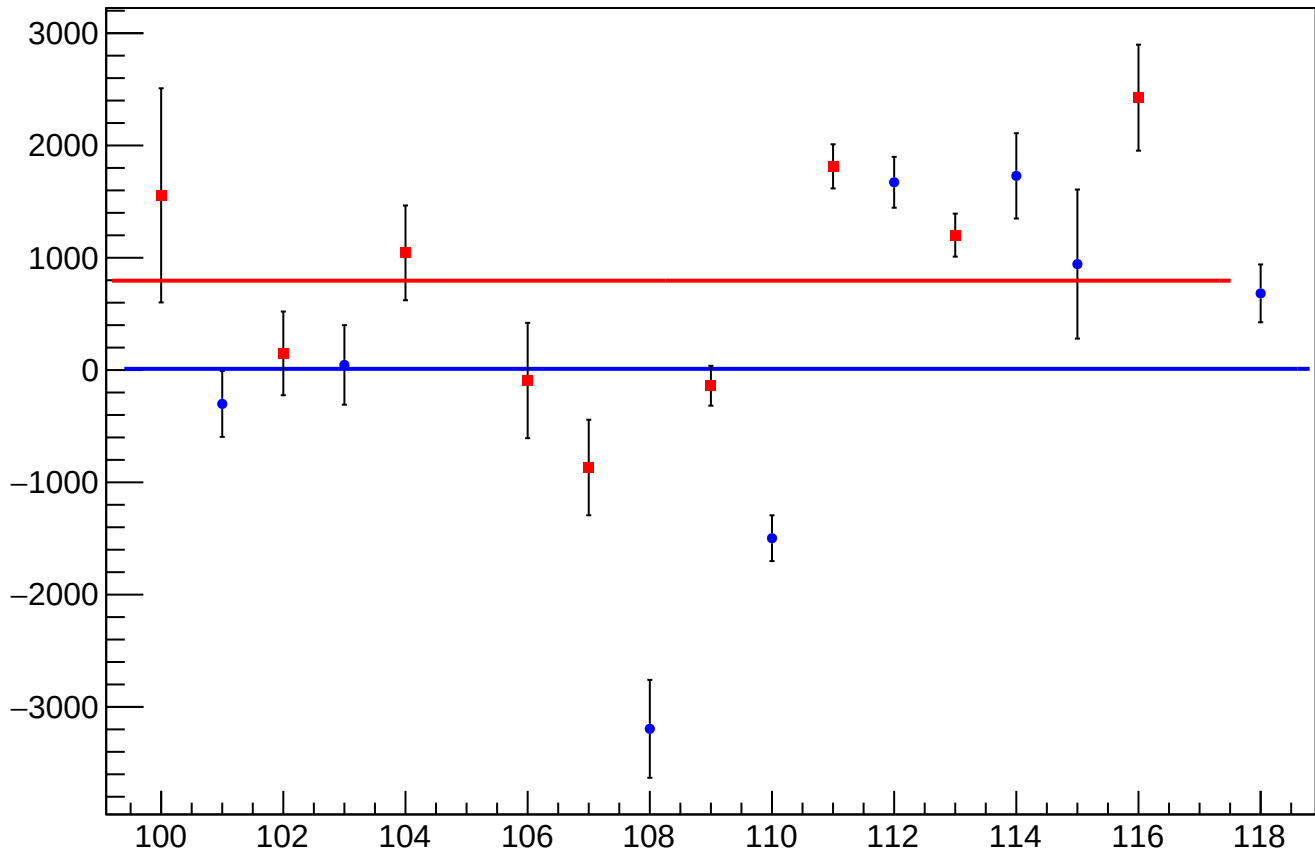
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.443 $\pm$ 0.001 χ^2 /NDF: 7525684.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm0l02_mean vs Slug



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: 796.203+/-94.248 χ^2/NDF : 93.3/8

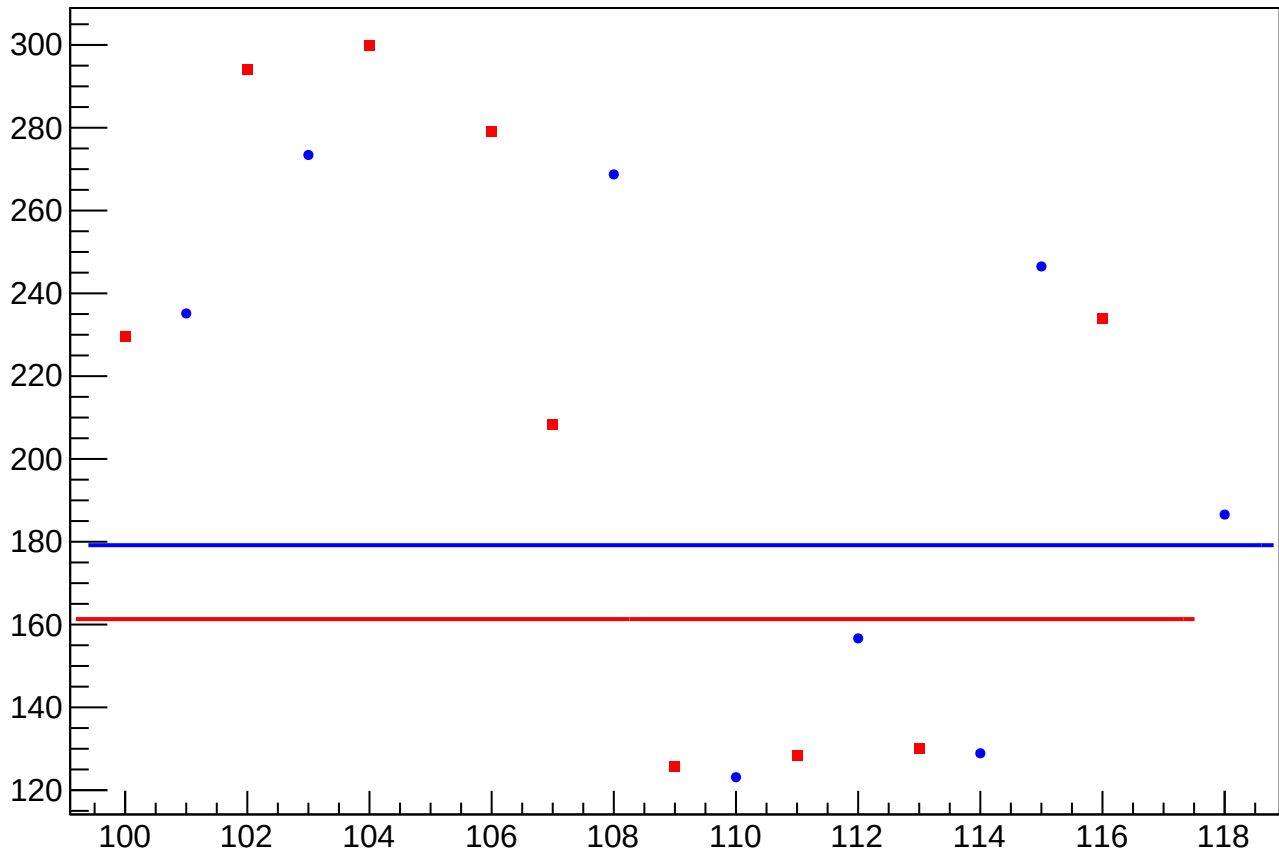
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.642+/-69.805 χ^2/NDF : 317.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug



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: 161.330+/-0.067 χ^2/NDF : 846528.0/8

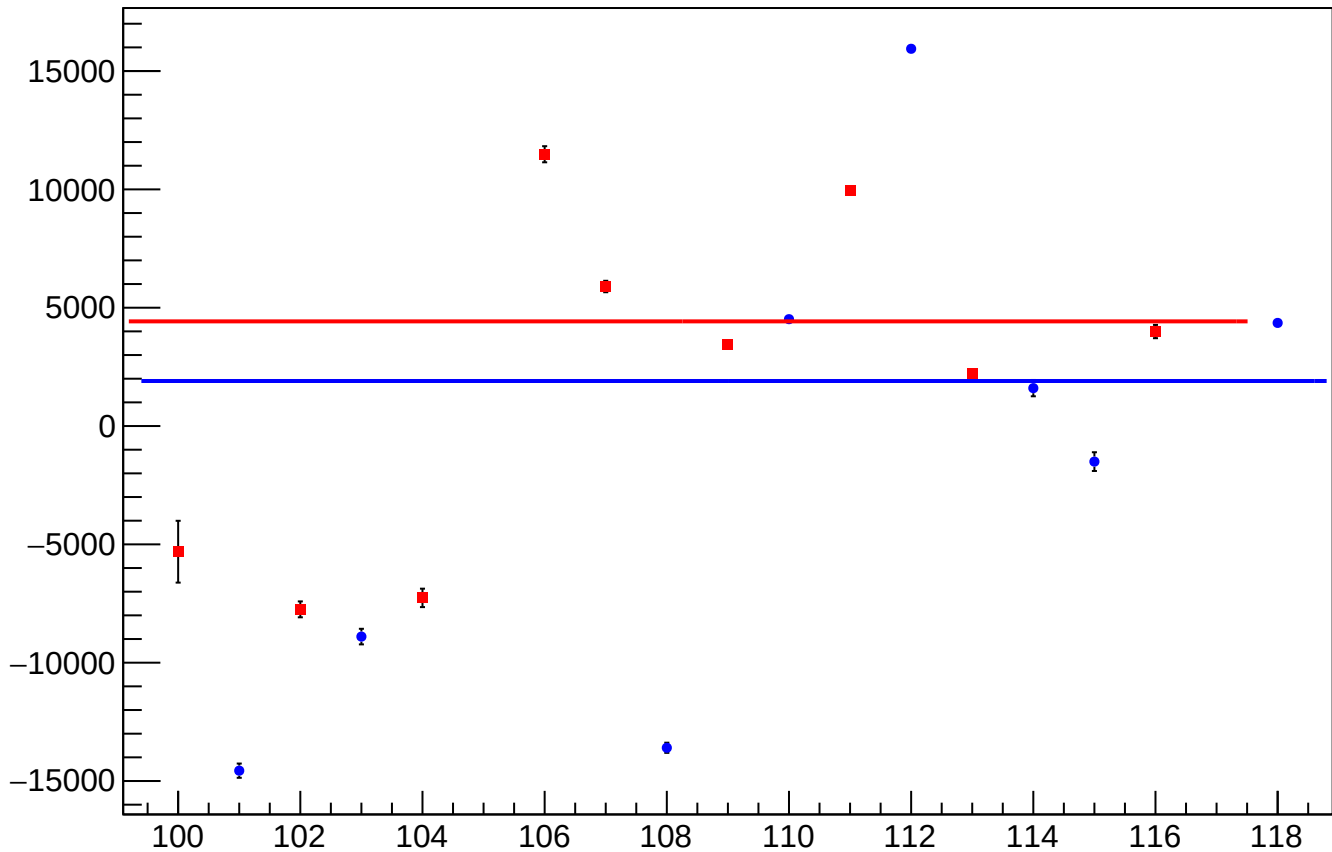
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.384+/-0.049 χ^2/NDF : 1405745.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



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: 4422.833+/-76.476 χ^2/NDF : 4214.6/8

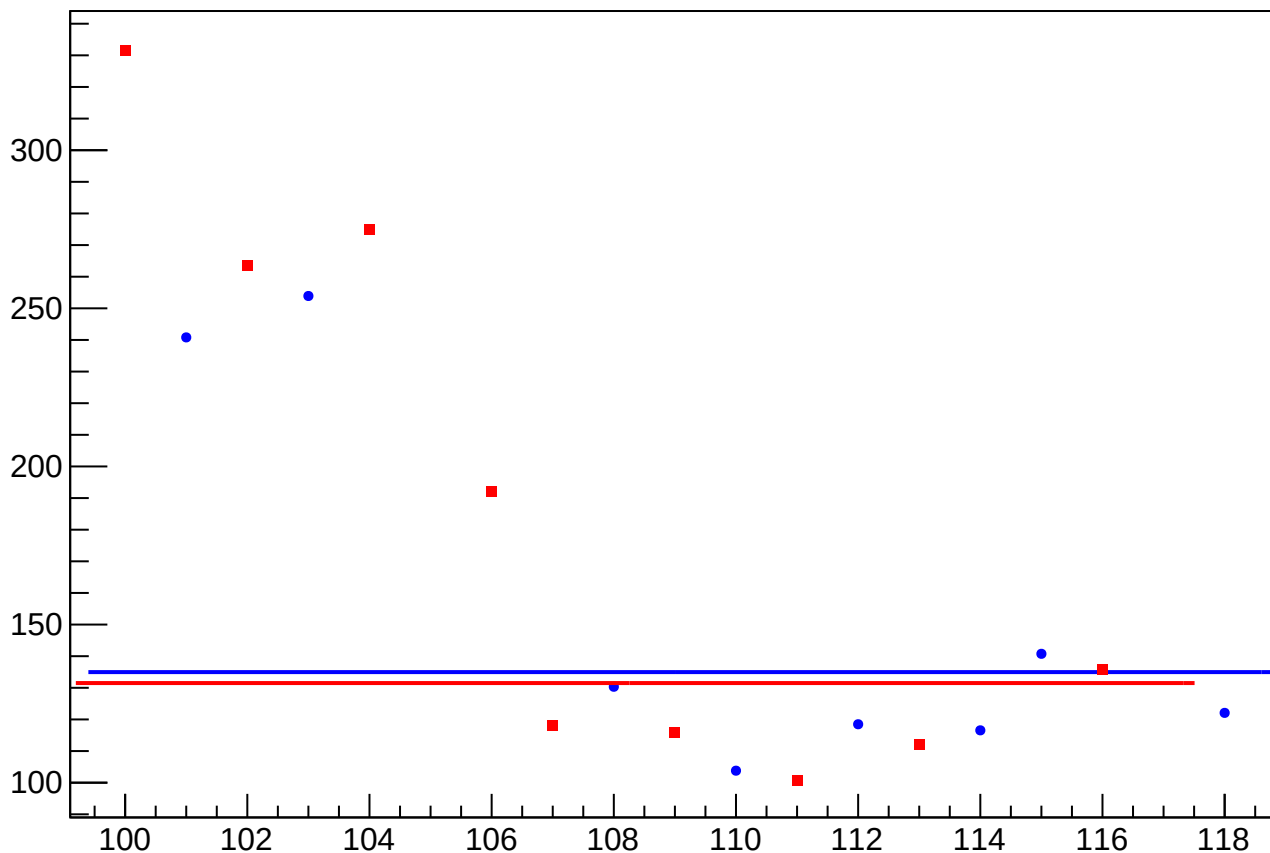
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3209.470+/-55.065 χ^2/NDF : 21064.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



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: 131.504+/-0.054 χ^2/NDF : 820797.7/8

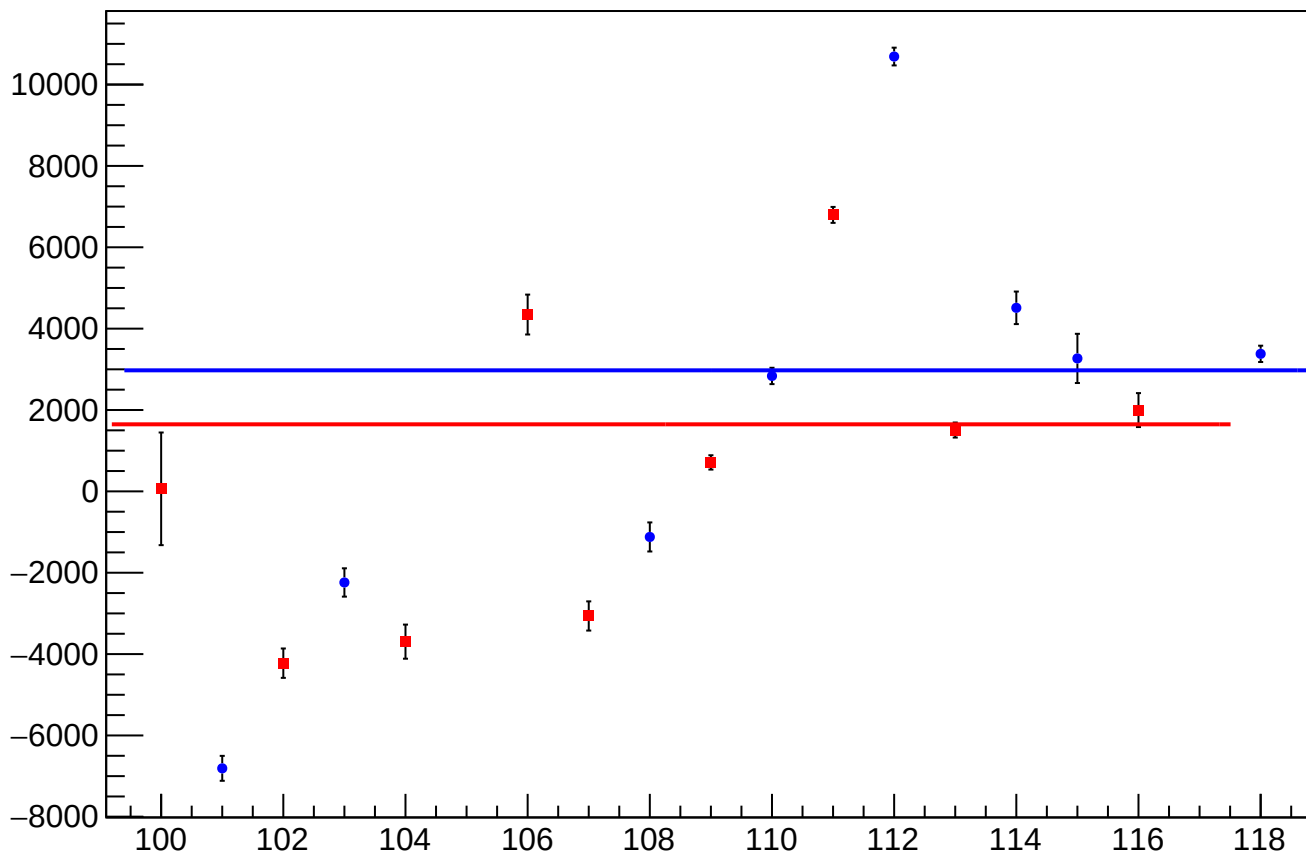
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.172+/-0.039 χ^2/NDF : 1432183.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



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: 1648.181+/-91.608 χ^2/NDF : 1349.8/8

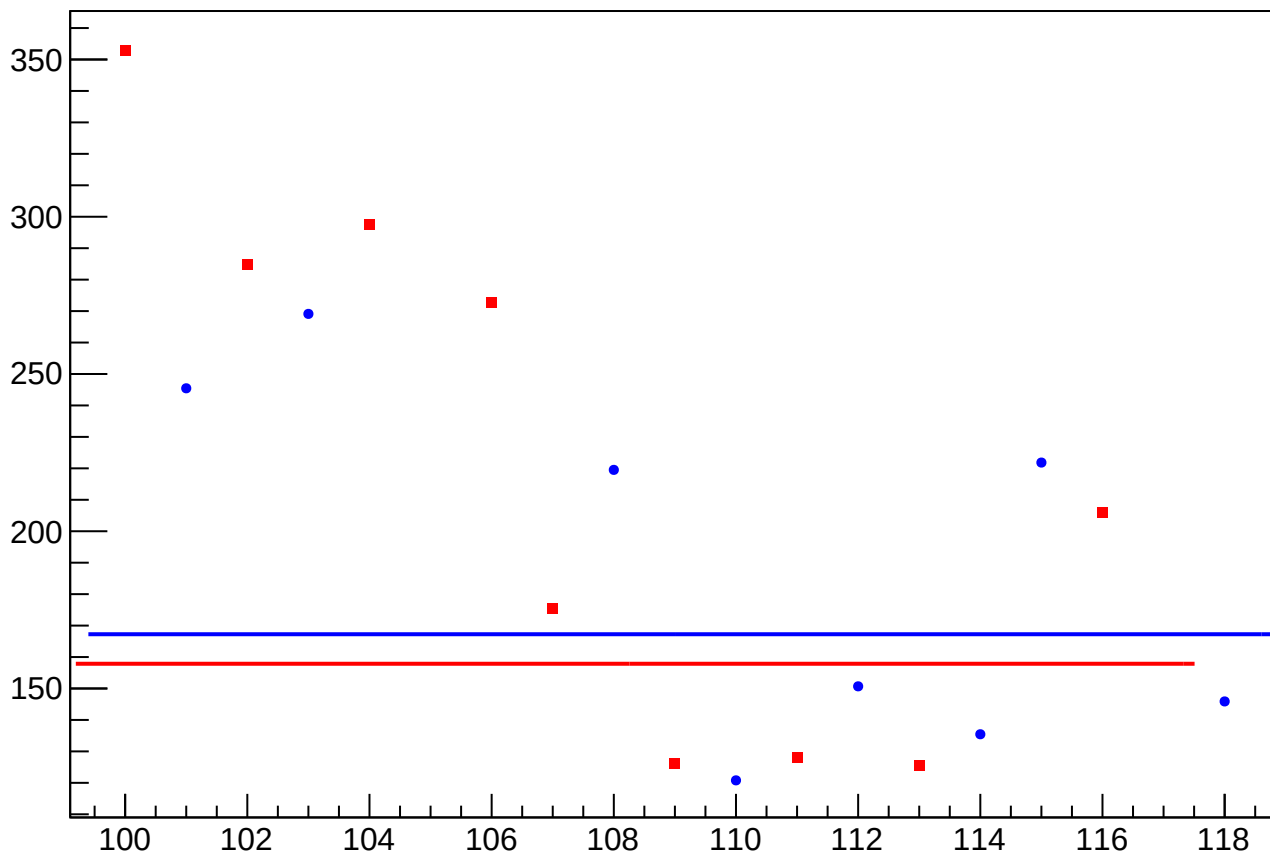
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.116+/-66.586 χ^2/NDF : 4093.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 167.252 $\pm$ 0.069 χ^2 /NDF: 514336.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.865 $\pm$ 0.065 χ^2 /NDF: 823783.4/8

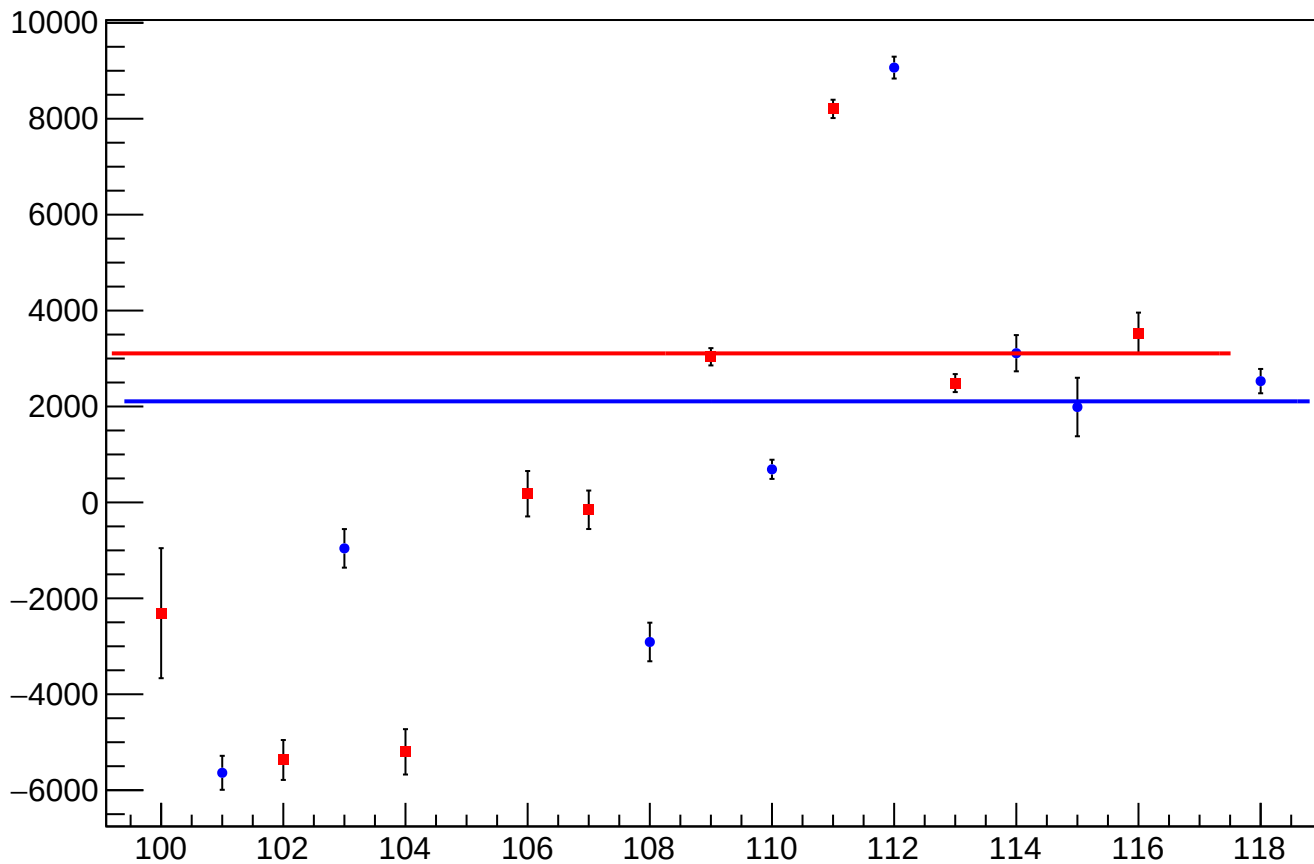
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.292 $\pm$ 0.047 χ^2 /NDF: 1348026.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



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: 3107.199+/-93.854 χ^2/NDF : 1568.9/8

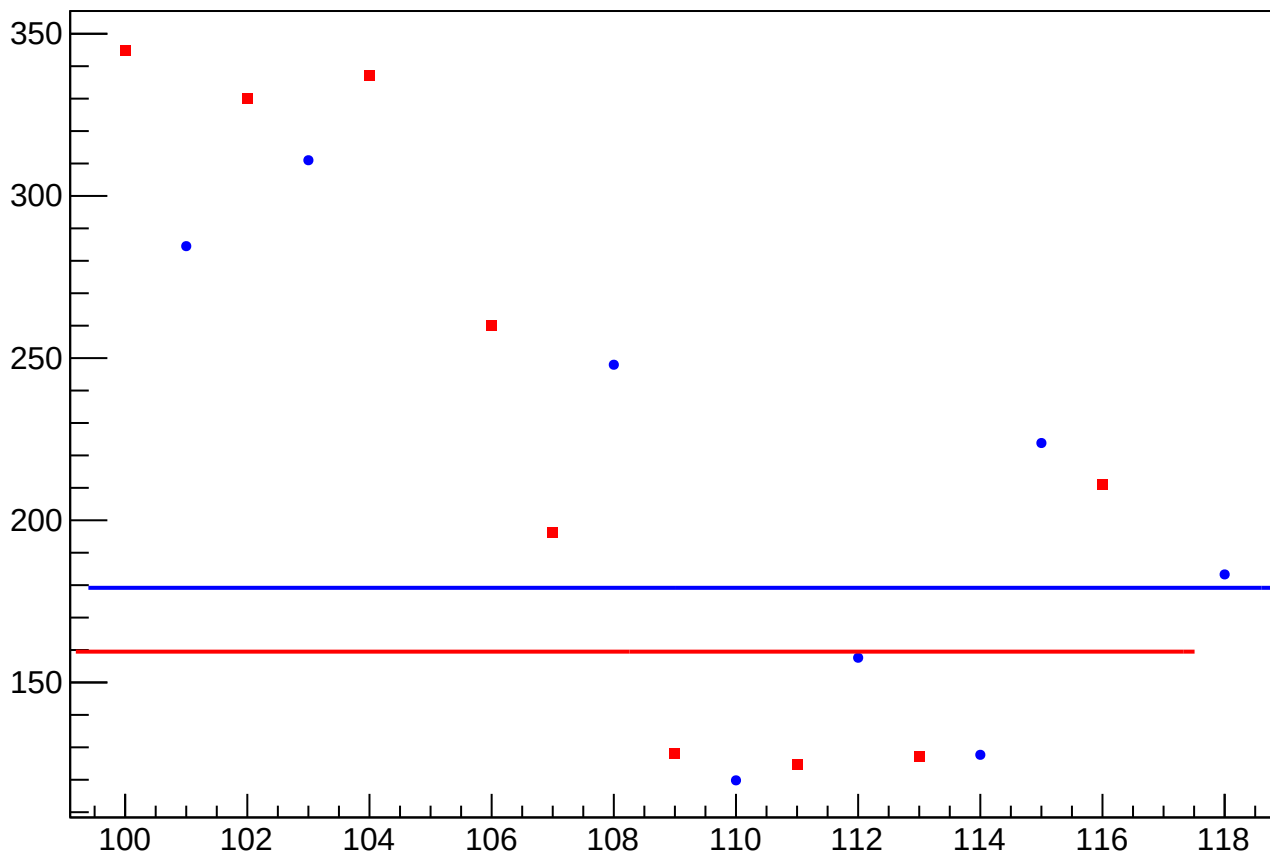
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2665.433+/-70.116 χ^2/NDF : 3302.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



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: 159.500 ± 0.066 χ^2/NDF : 978186.9/8

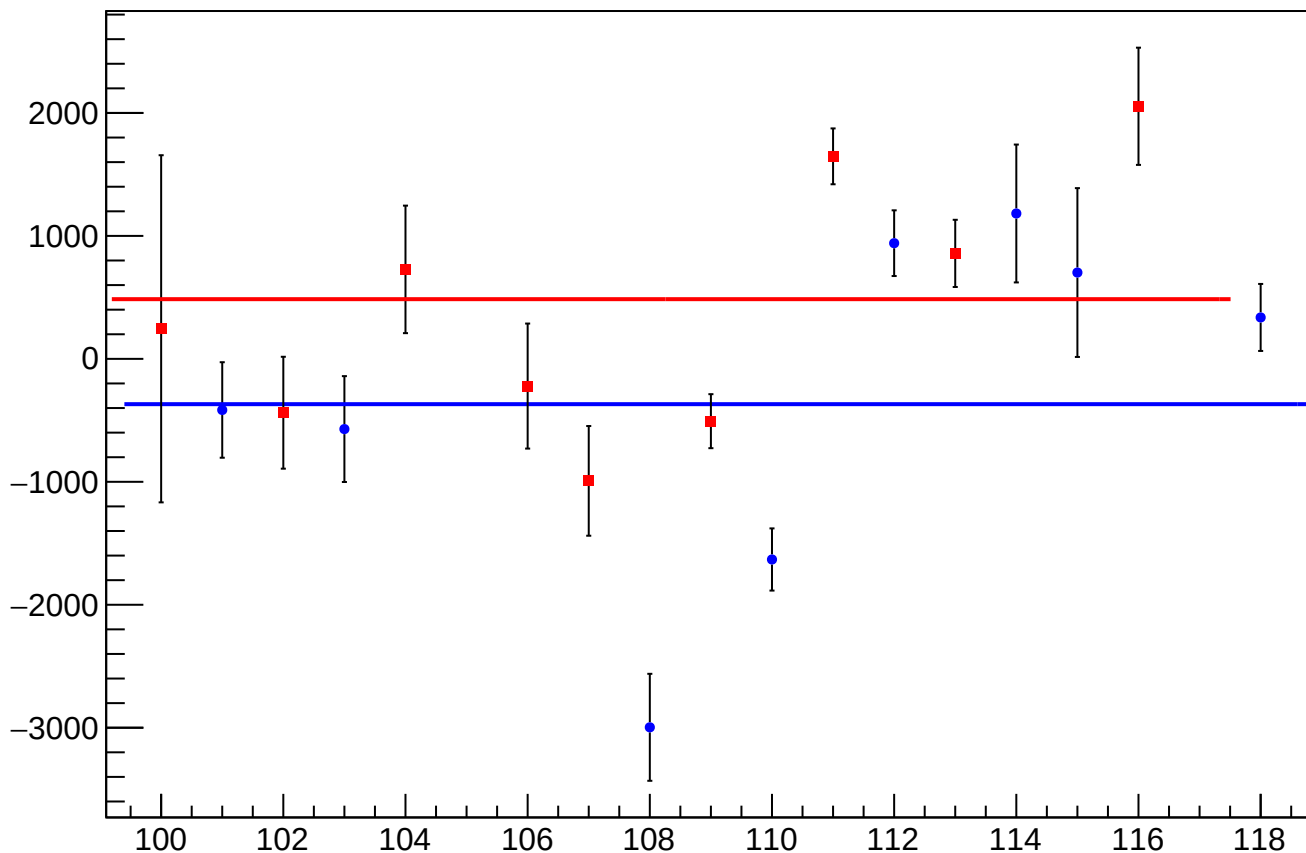
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 168.196 ± 0.050 χ^2/NDF : 1710056.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



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: 485.482+/-114.818 χ^2/NDF : 76.5/8

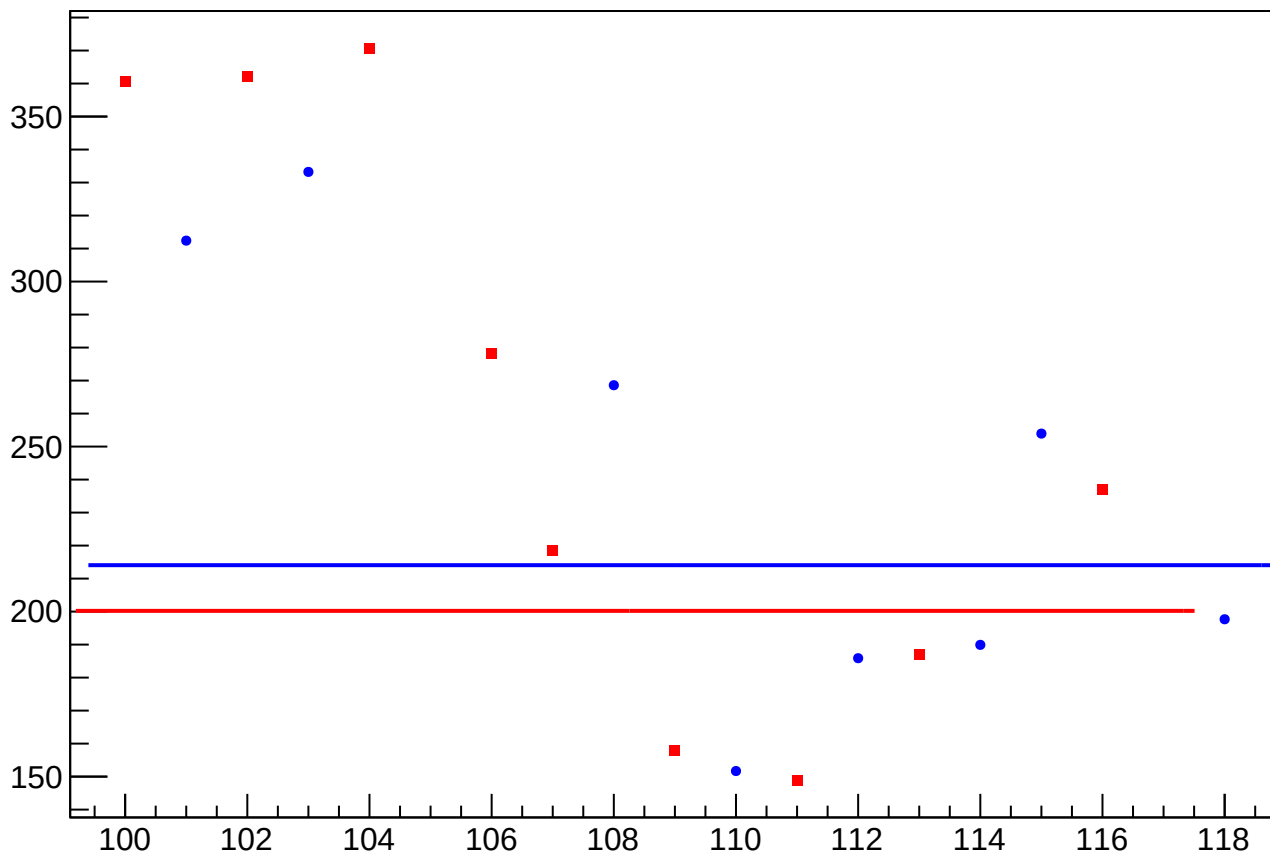
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.043+/-84.044 χ^2/NDF : 204.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



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: 200.218+/-0.081 χ^2/NDF : 737269.2/8

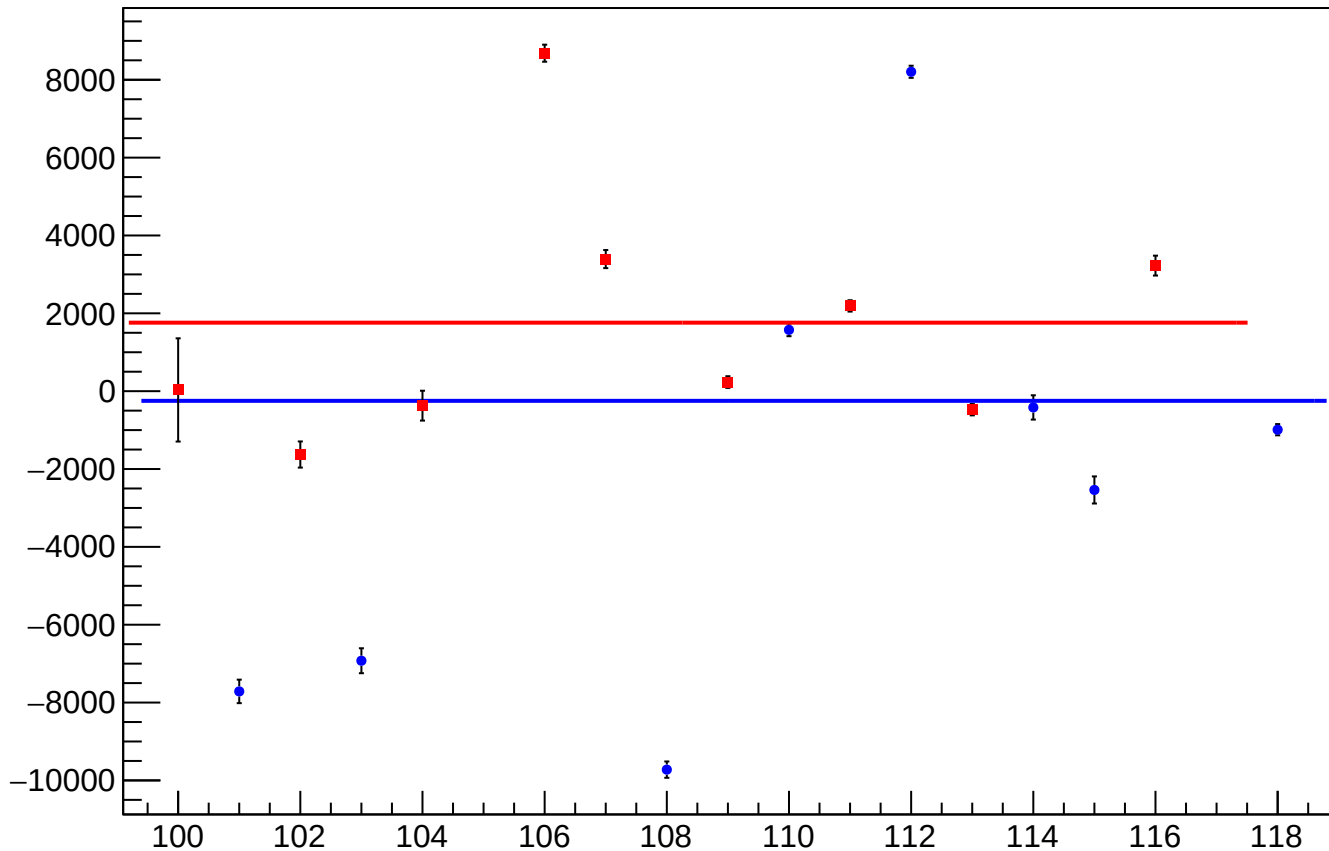
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 206.646+/-0.059 χ^2/NDF : 1225264.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



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: 1760.005+/-69.167 χ^2/NDF : 1562.4/8

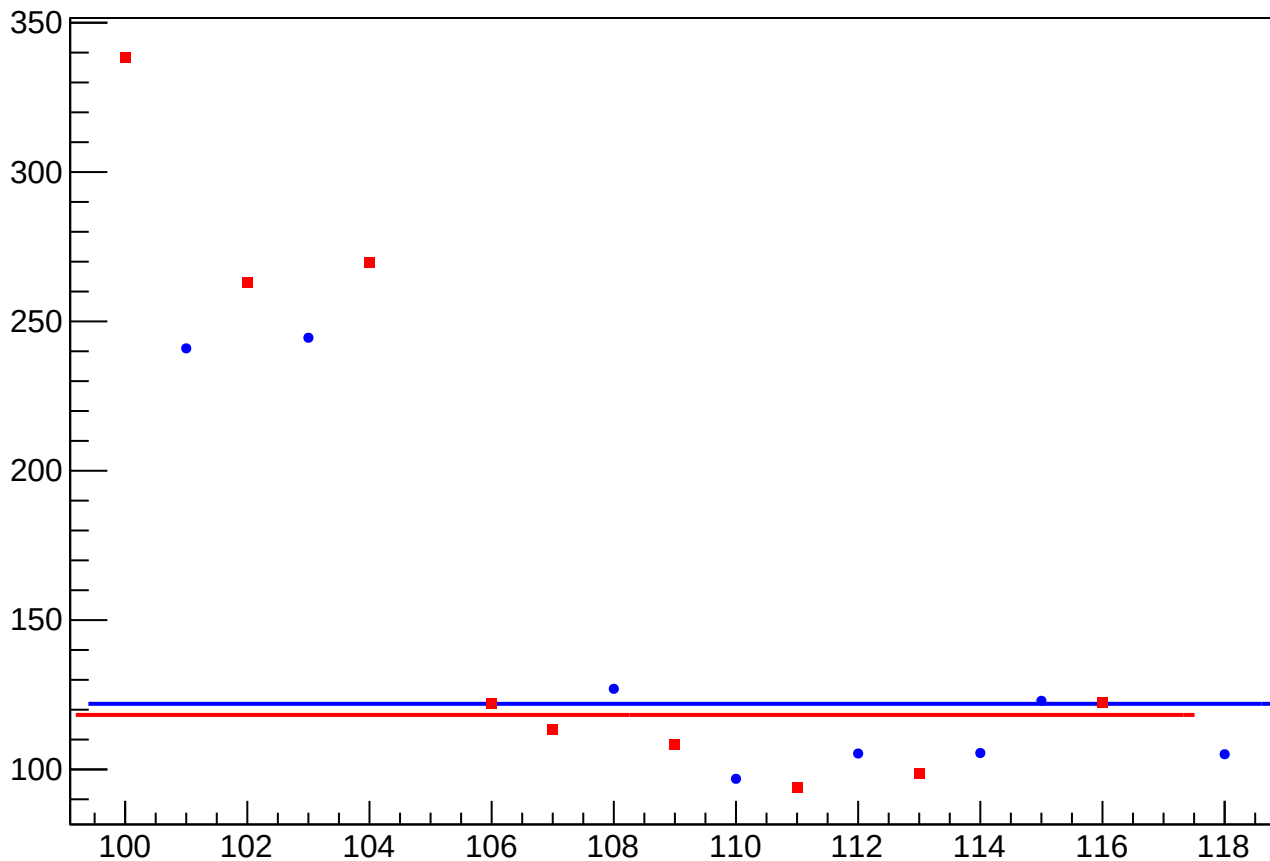
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.243+/-50.098 χ^2/NDF : 8202.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



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: 118.256 $\pm$ 0.049 χ^2 /NDF: 842044.1/8

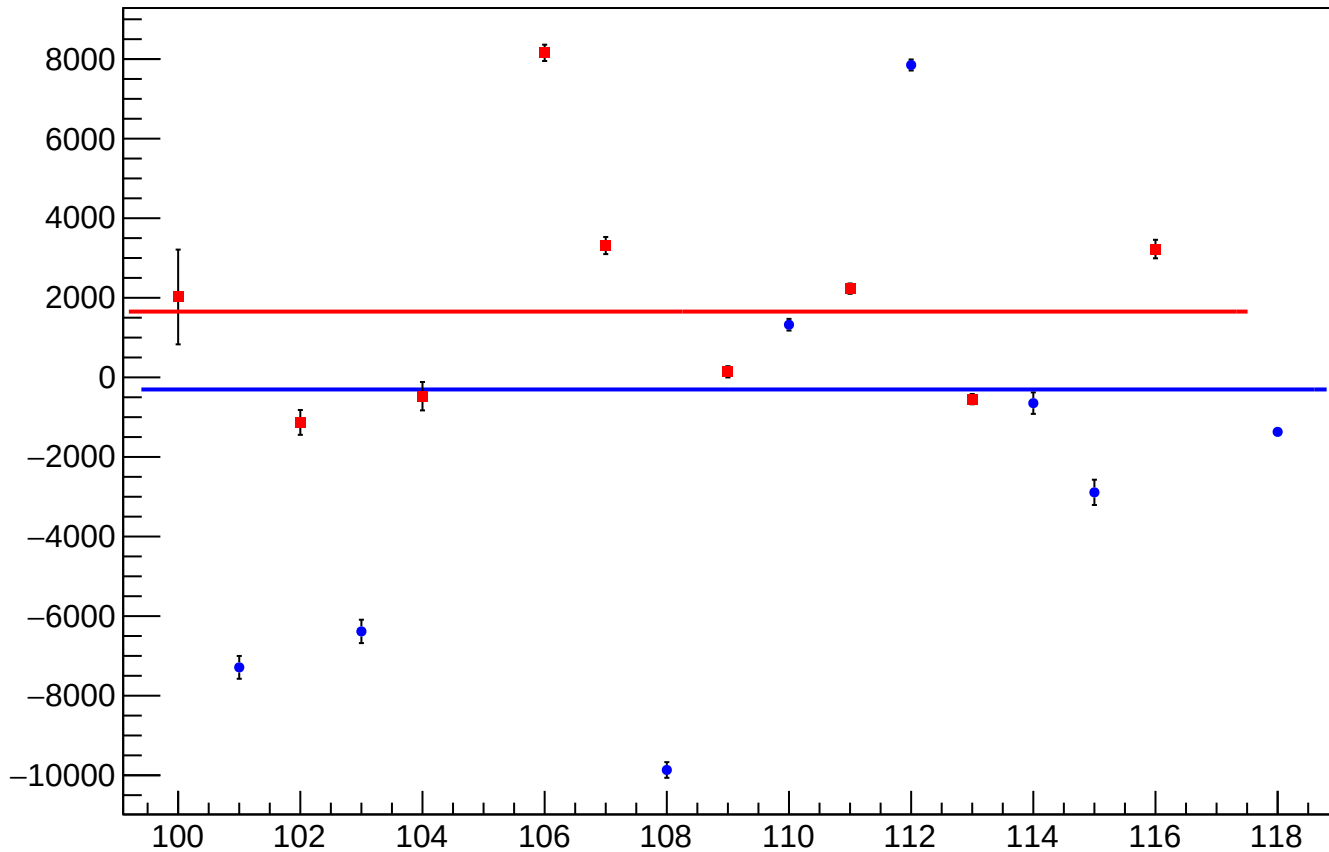
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.020 $\pm$ 0.035 χ^2 /NDF: 1553267.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



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: 1653.727+/-62.887 χ^2/NDF : 1651.2/8

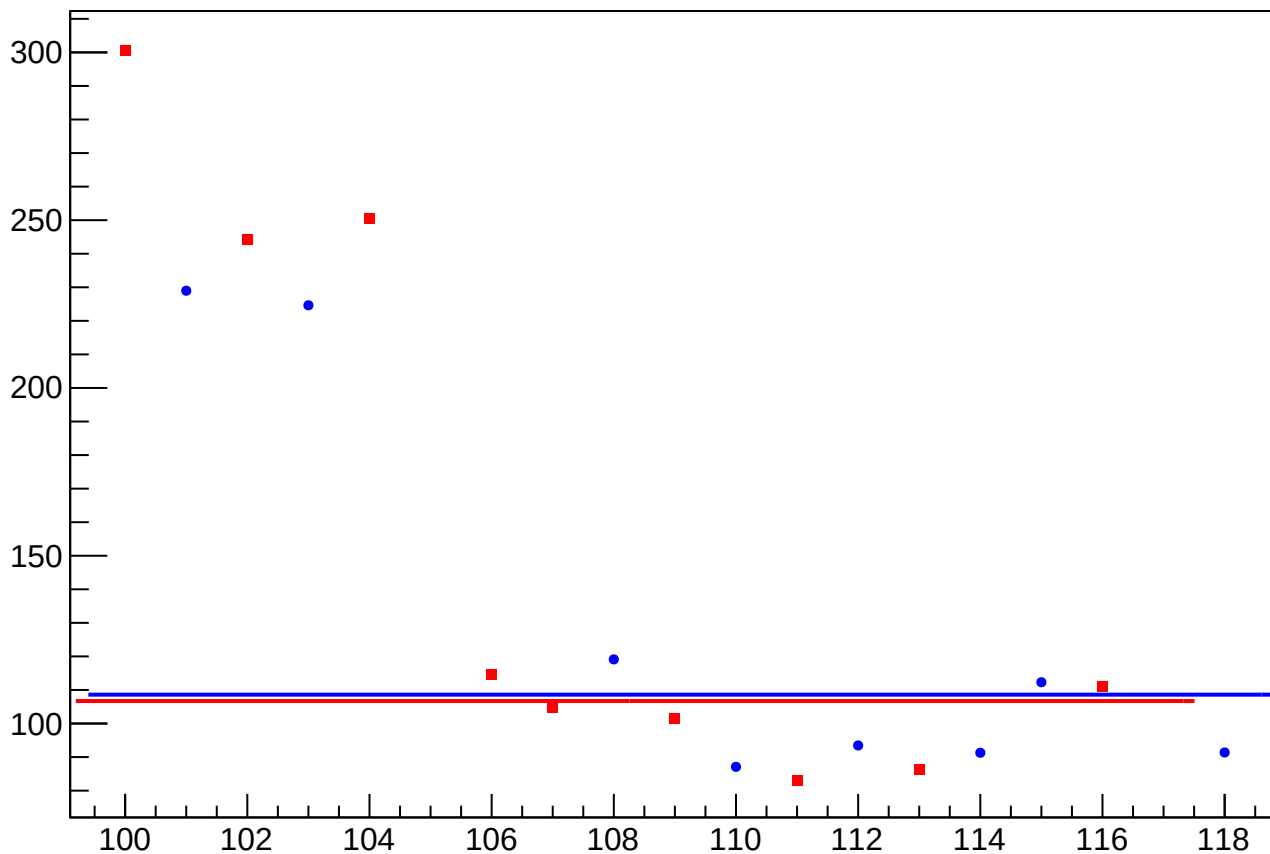
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 711.365+/-45.287 χ^2/NDF : 9209.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



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: 106.707 $\pm$ 0.044 χ^2 /NDF: 889123.3/8

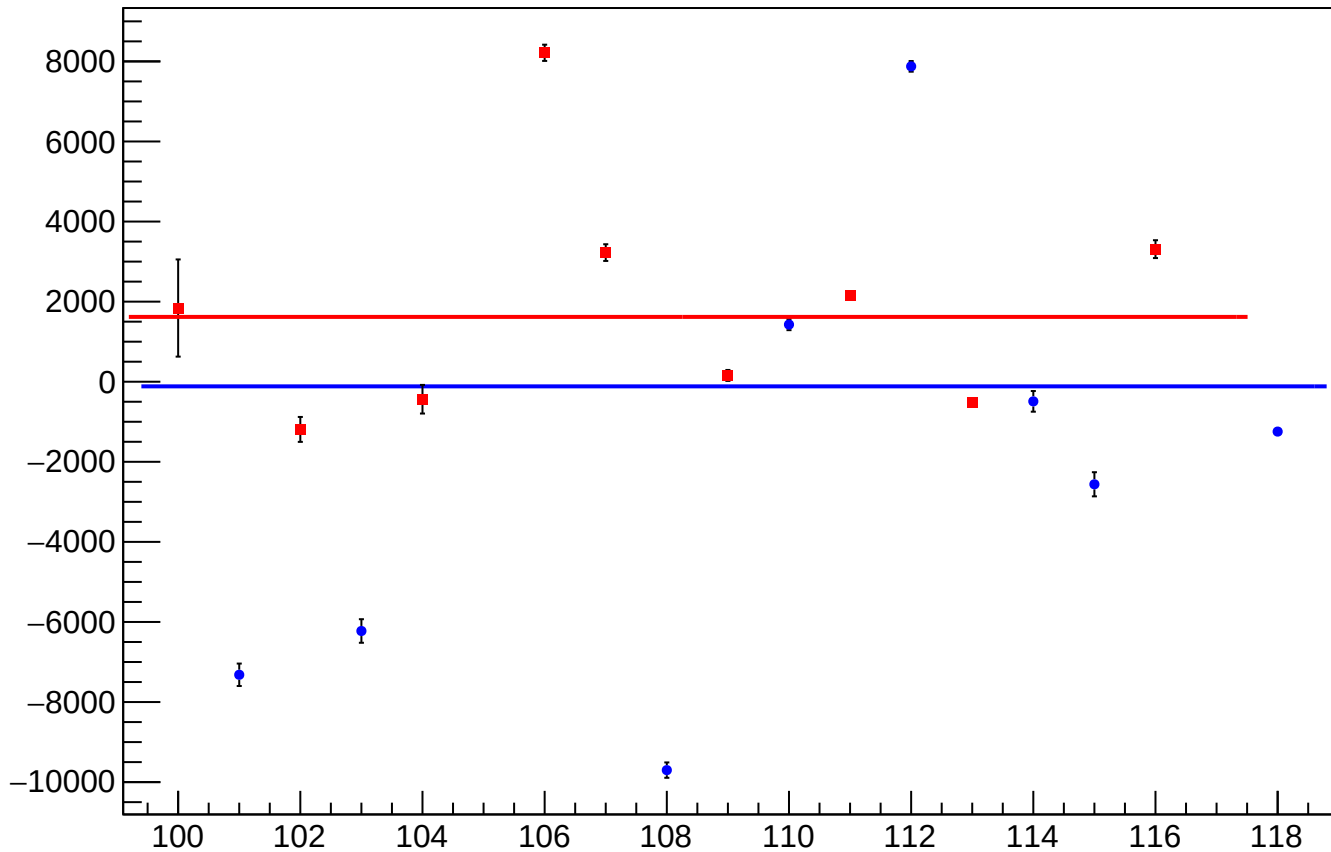
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.621 $\pm$ 0.032 χ^2 /NDF: 1672504.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug



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: 1618.802 ± 60.125 χ^2/NDF : 1734.8/8

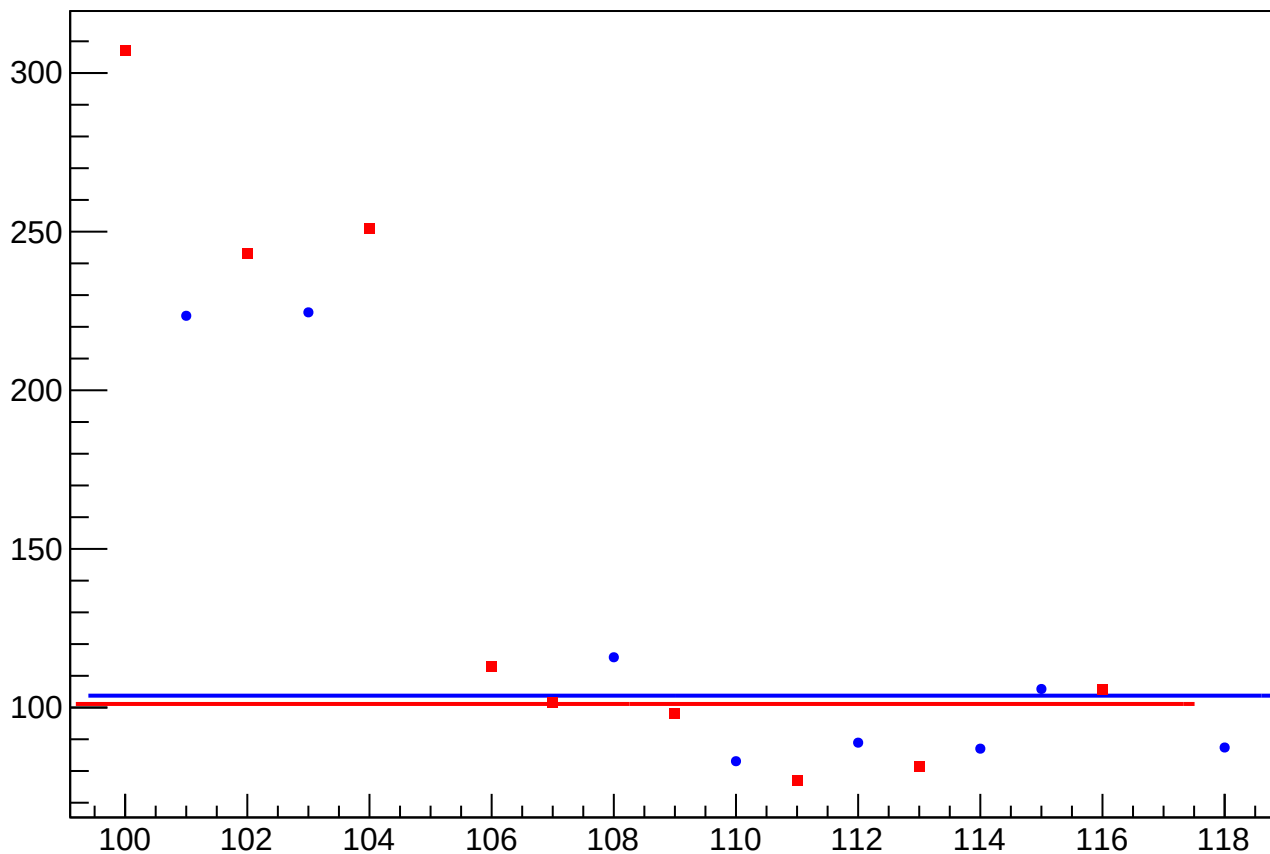
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 788.282 ± 43.408 χ^2/NDF : 9628.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



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: 101.128+/-0.043 χ^2/NDF : 967920.9/8

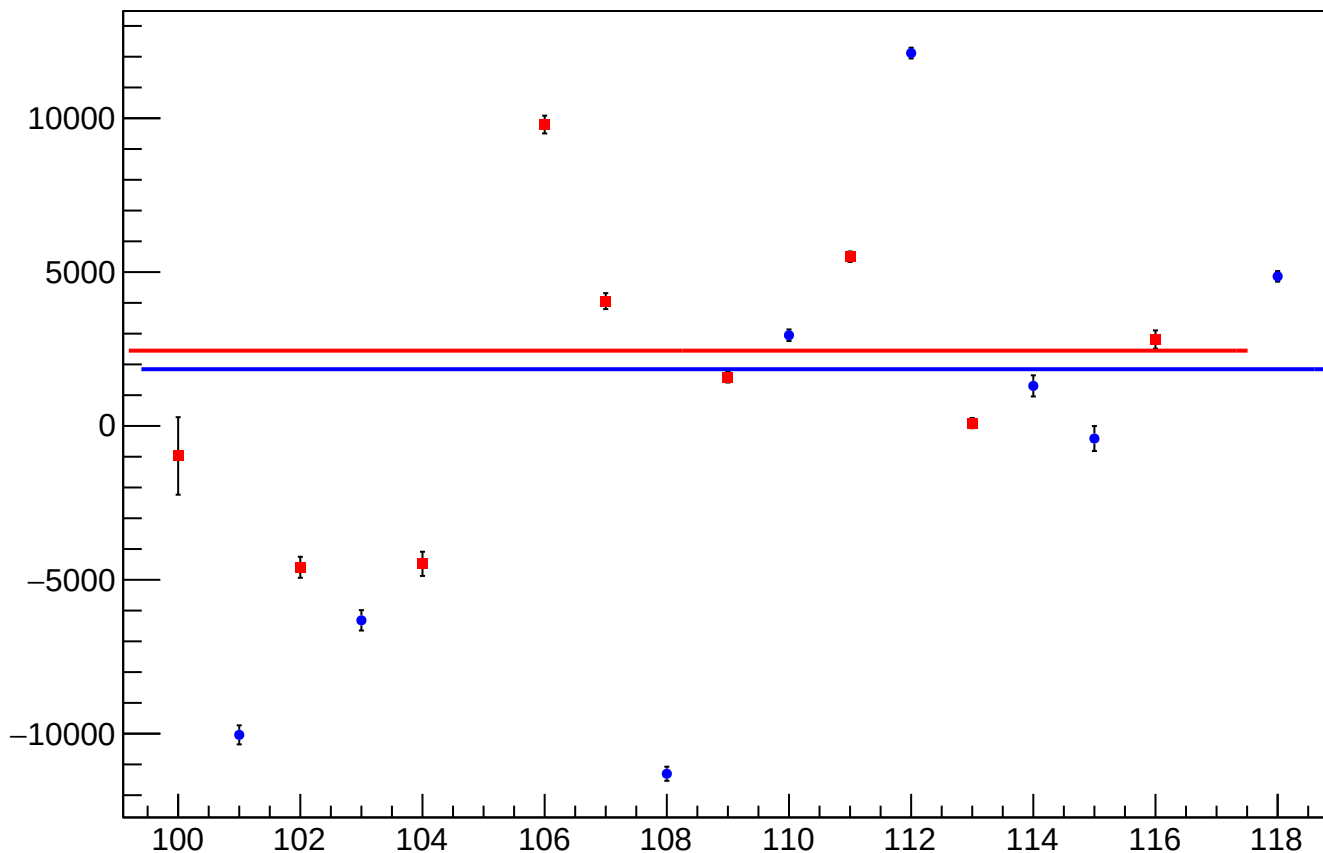
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.381+/-0.031 χ^2/NDF : 1793323.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 1843.812 $\pm$ 82.275 χ^2 /NDF: 9171.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2447.308 $\pm$ 79.349 χ^2 /NDF: 1980.5/8

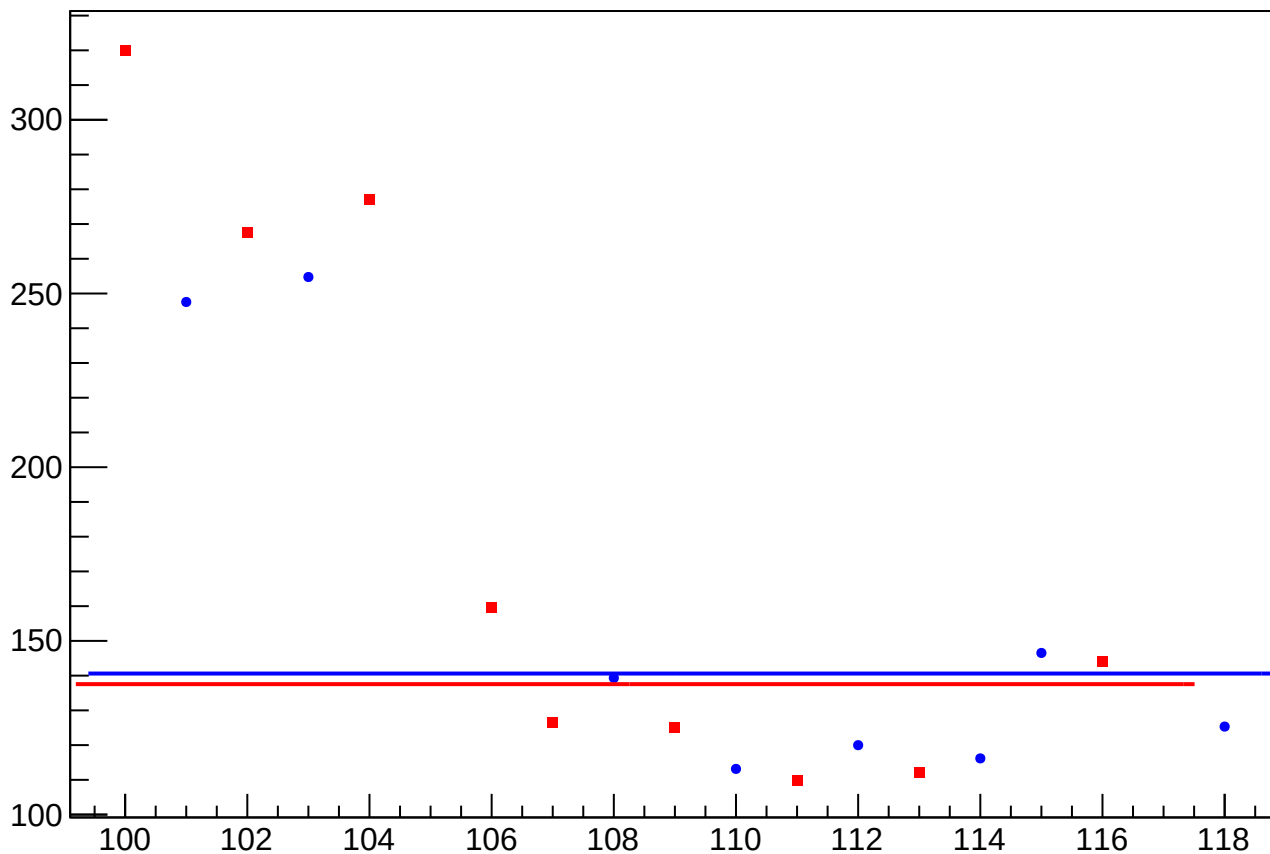
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2156.483 $\pm$ 57.115 χ^2 /NDF: 11180.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01WS_rms vs Slug



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: 137.550 $\pm$ 0.056 χ^2 /NDF: 710545.5/8

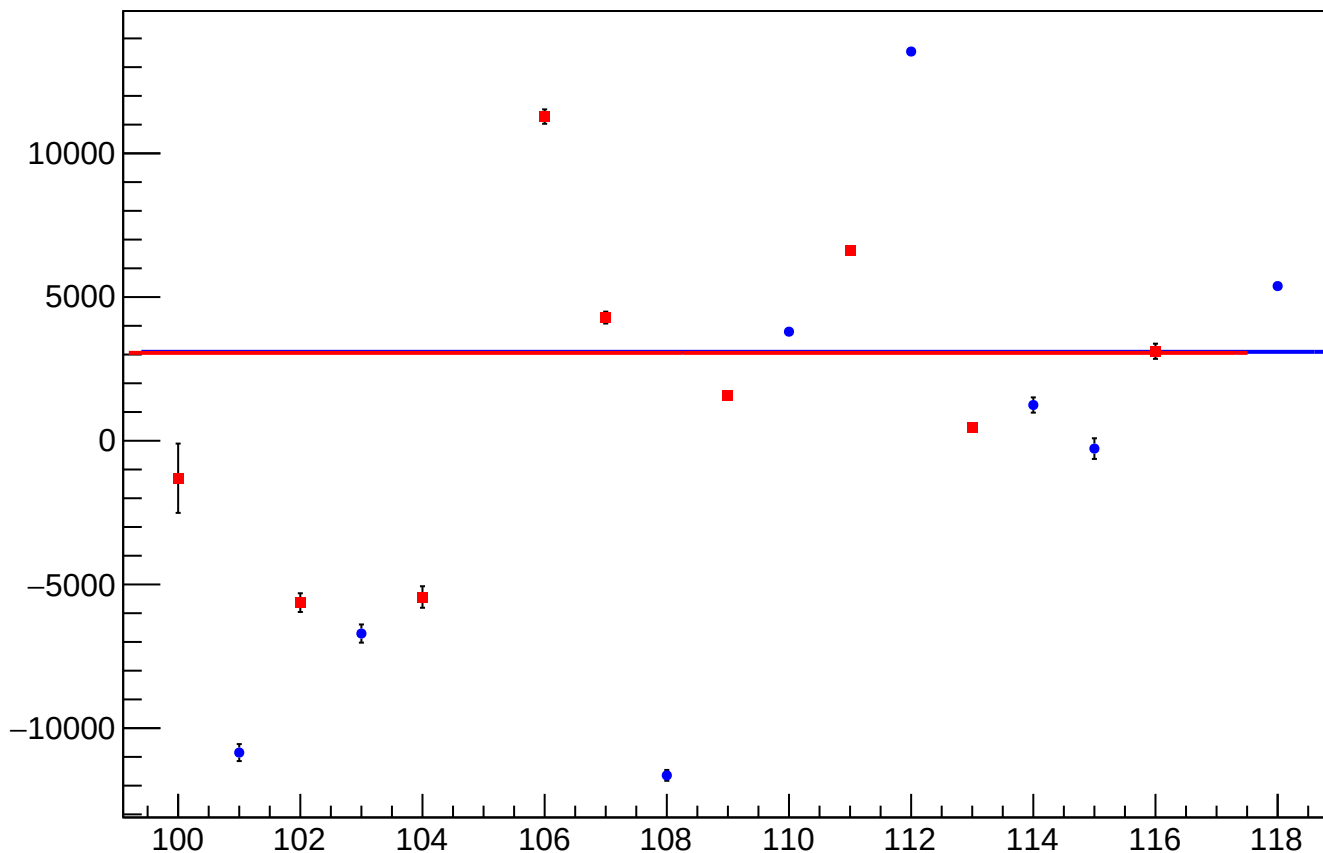
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.022 $\pm$ 0.040 χ^2 /NDF: 1284889.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_mean vs Slug



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: 3058.748+/-62.409 χ^2/NDF : 3743.4/8

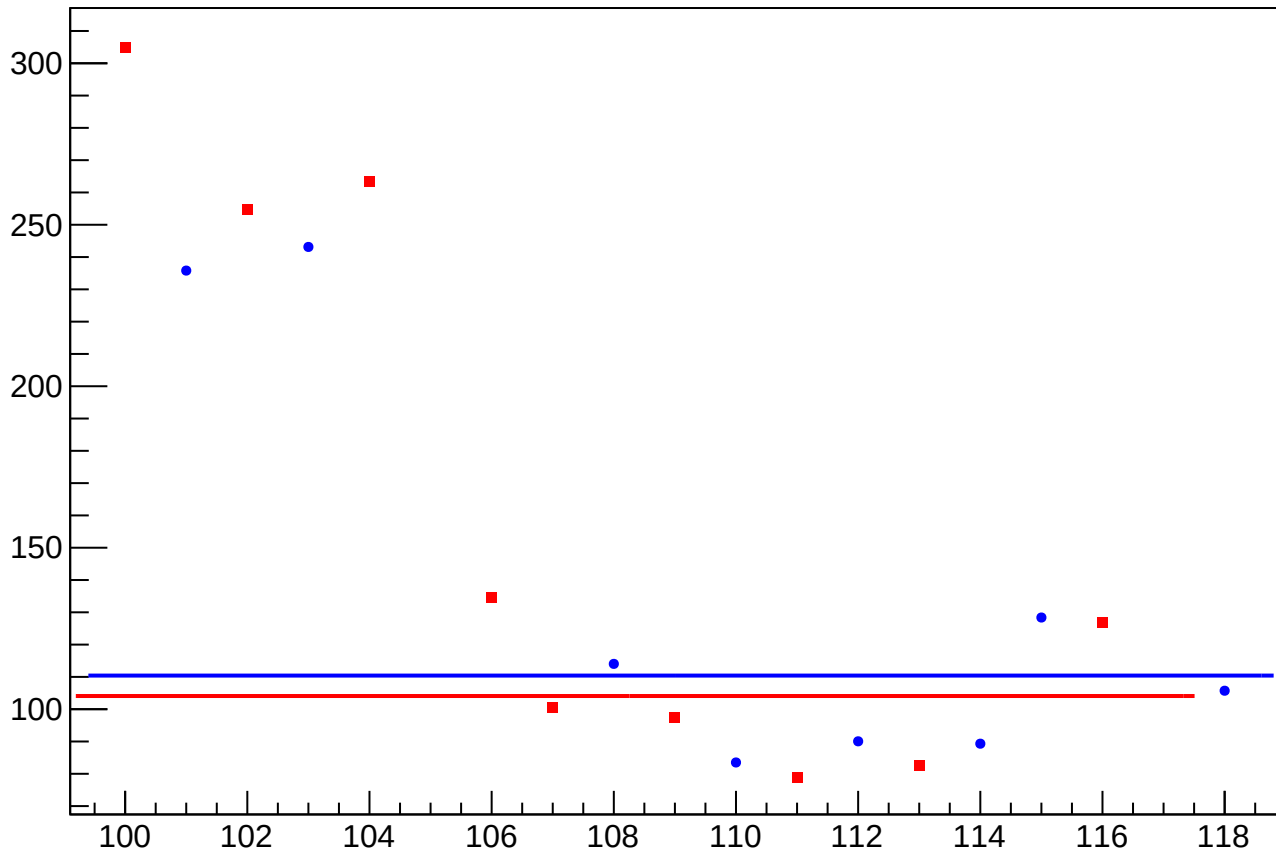
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3075.451+/-45.579 χ^2/NDF : 19485.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 110.410 $\pm$ 0.047 χ^2 /NDF: 851968.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 104.082 $\pm$ 0.044 χ^2 /NDF: 1040563.5/8

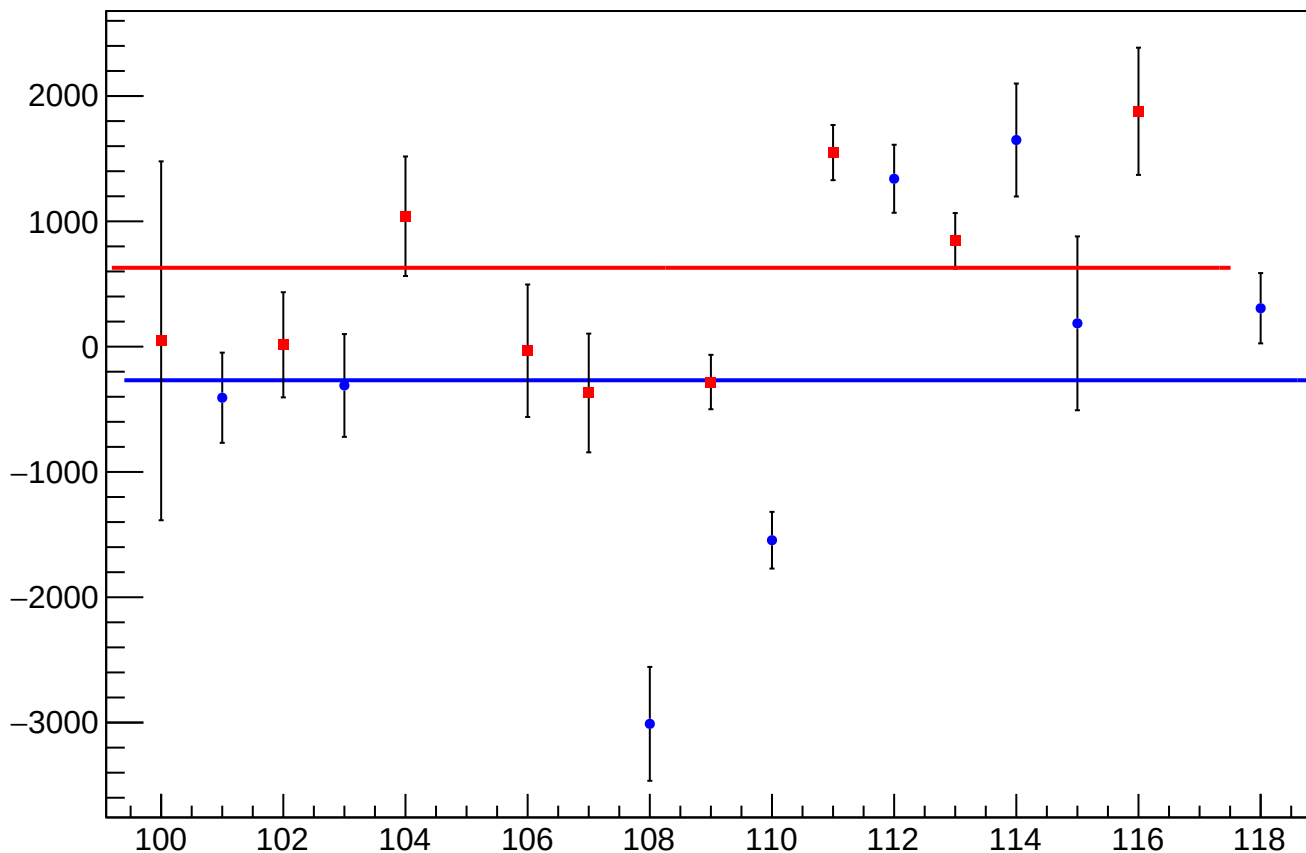
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.034 $\pm$ 0.032 χ^2 /NDF: 1902127.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



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: 629.369 ± 108.713 χ^2/NDF : 51.1/8

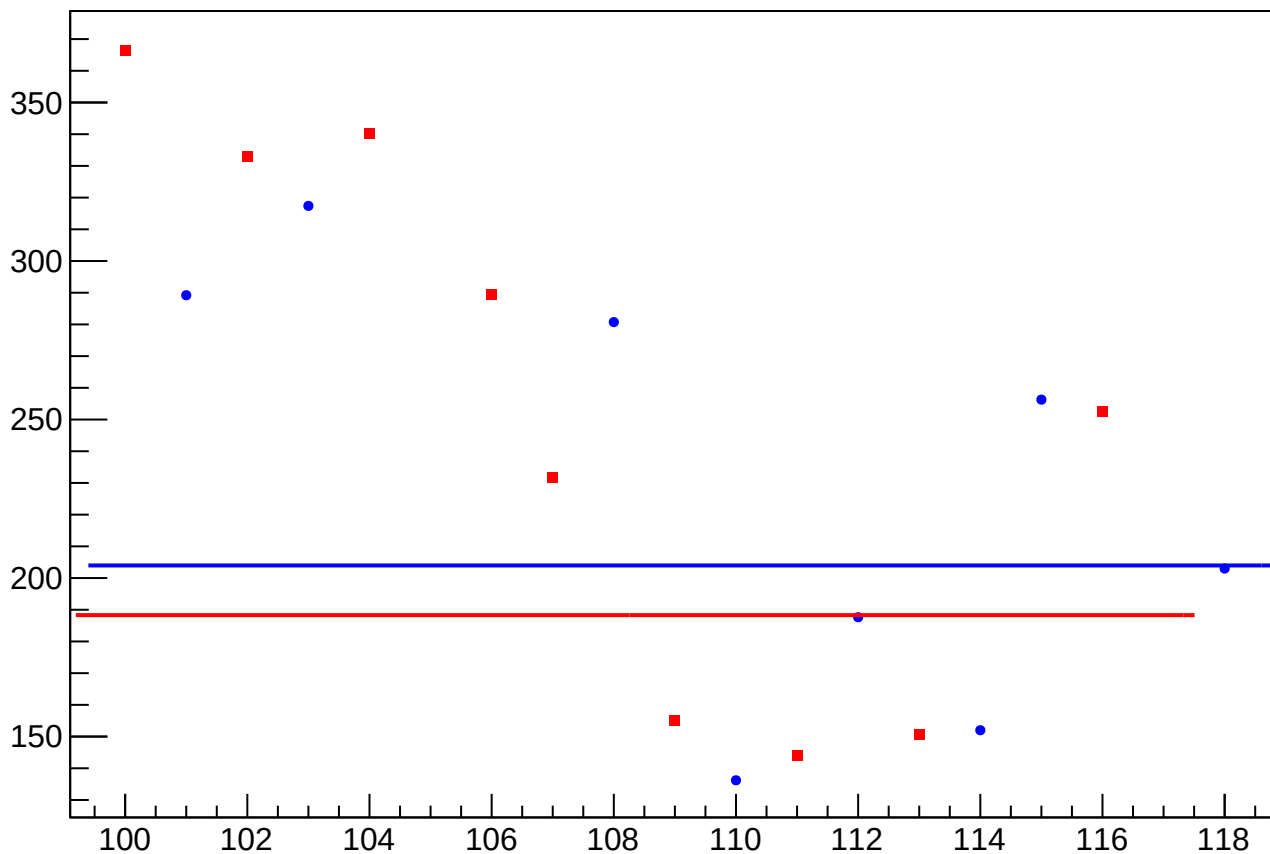
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.813 ± 80.083 χ^2/NDF : 208.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l01WS_rms vs Slug



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: 188.305+/-0.077 χ^2/NDF : 778150.2/8

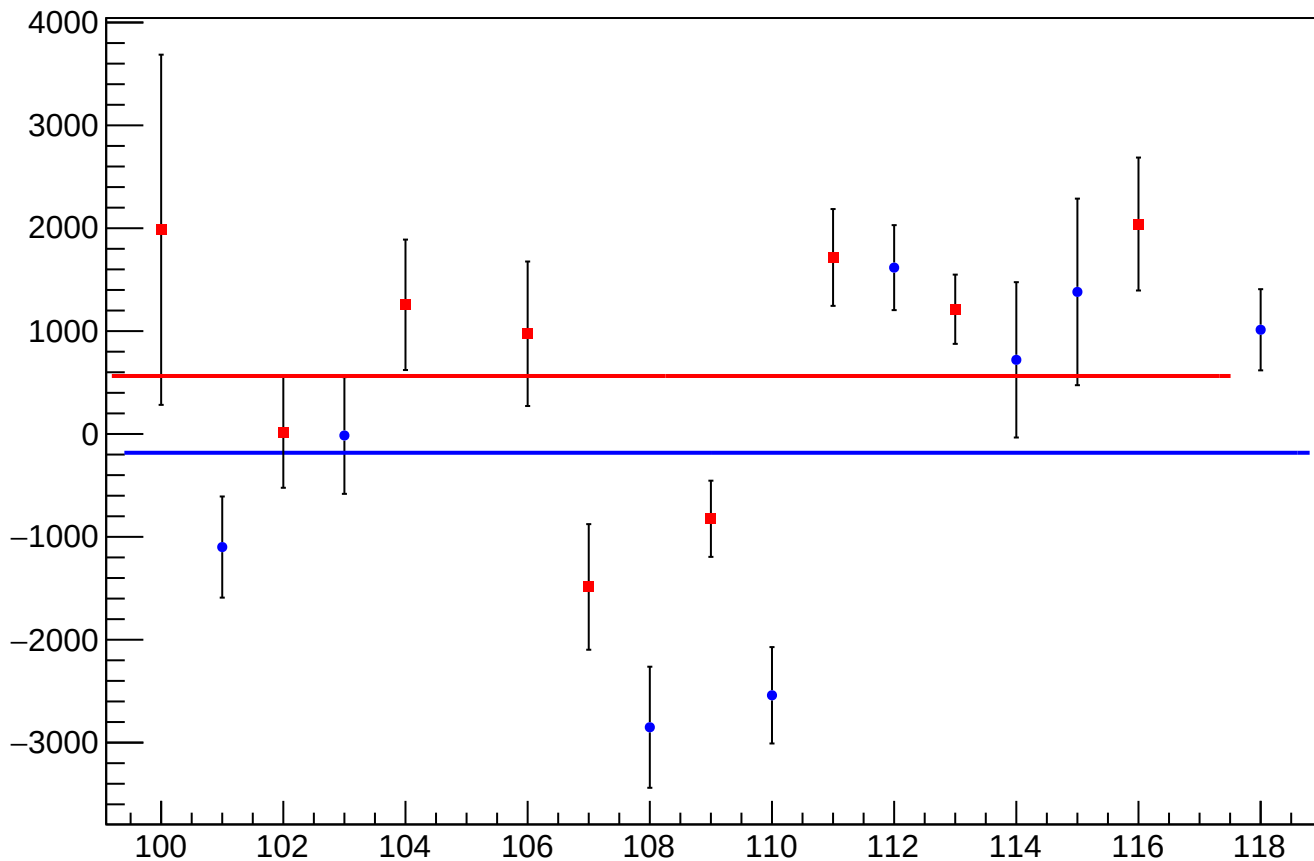
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.471+/-0.057 χ^2/NDF : 1343843.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug



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: 563.729 ± 171.442 χ^2/NDF : 43.5/8

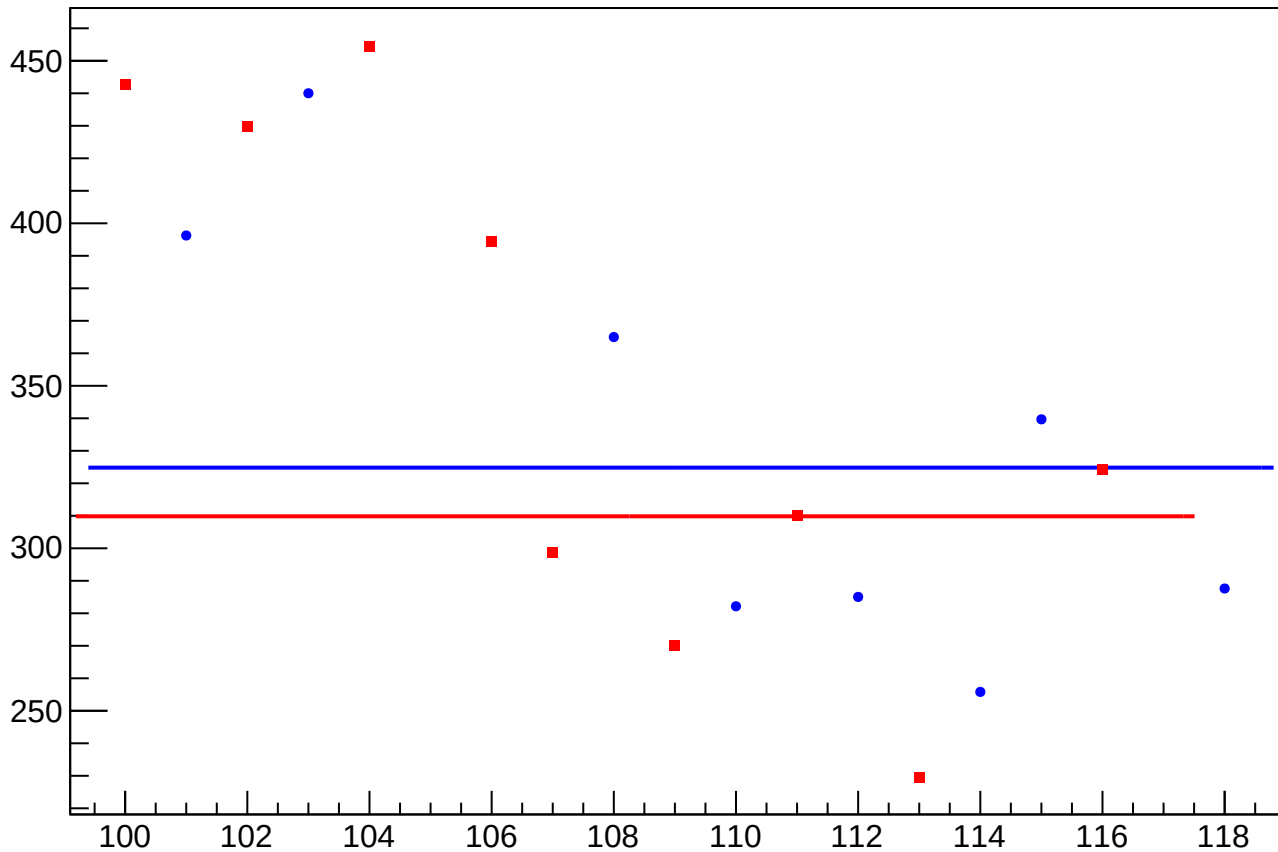
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 214.373 ± 125.034 χ^2/NDF : 134.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



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: 309.844+/-0.121 χ^2/NDF : 382803.4/8

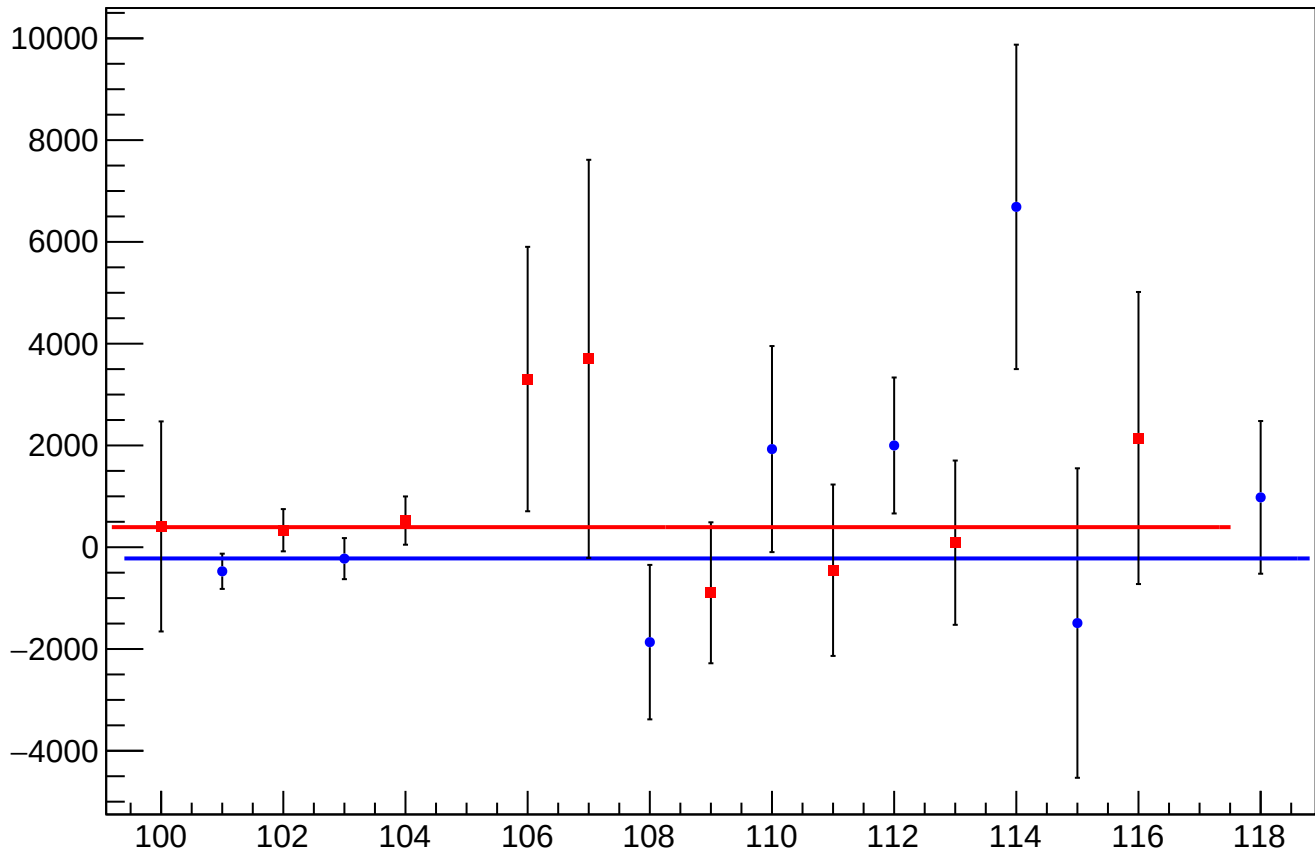
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.856+/-0.088 χ^2/NDF : 594104.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_mean vs Slug



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: 394.679+/-287.744 χ^2/NDF : 3.6/8

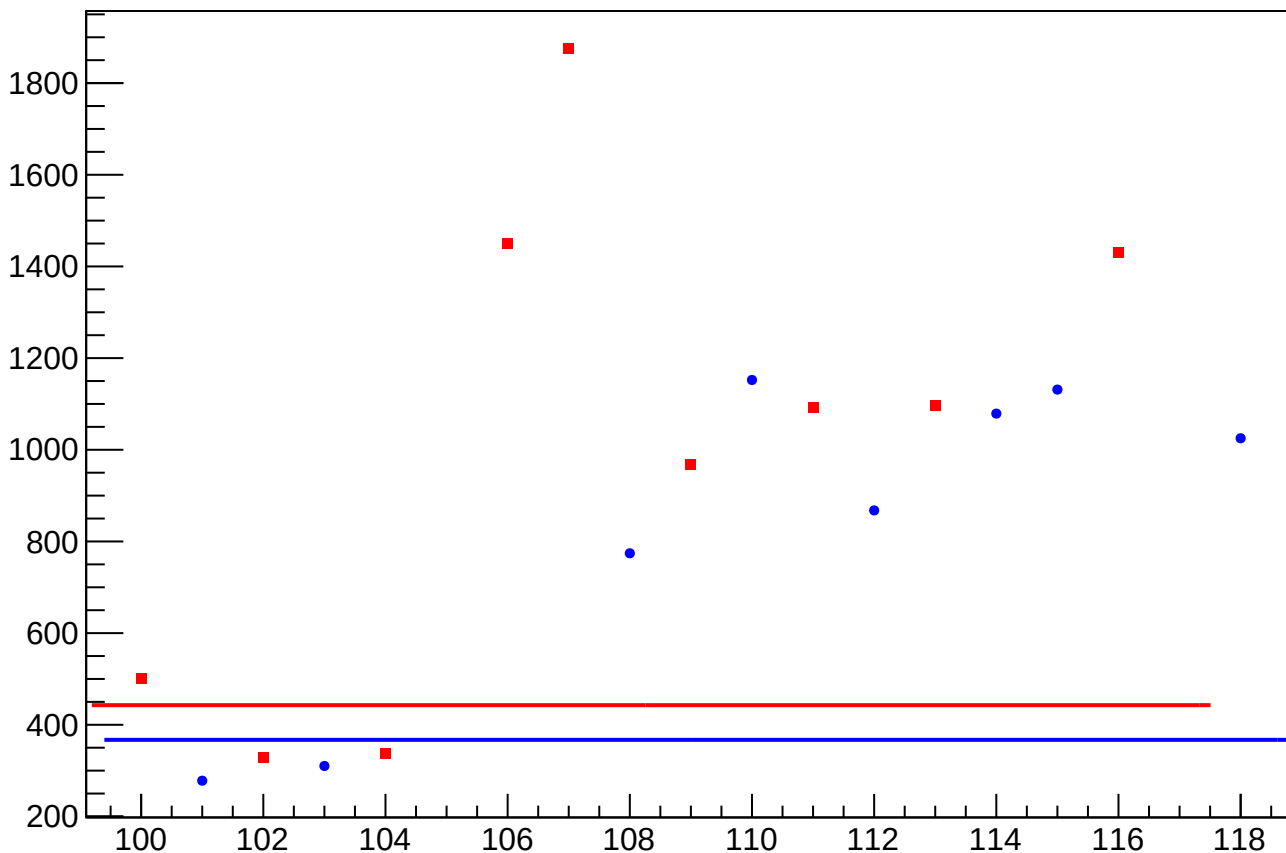
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.829+/-187.489 χ^2/NDF : 17.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug



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: 442.828+/-0.203 χ^2/NDF : 1966271.3/8

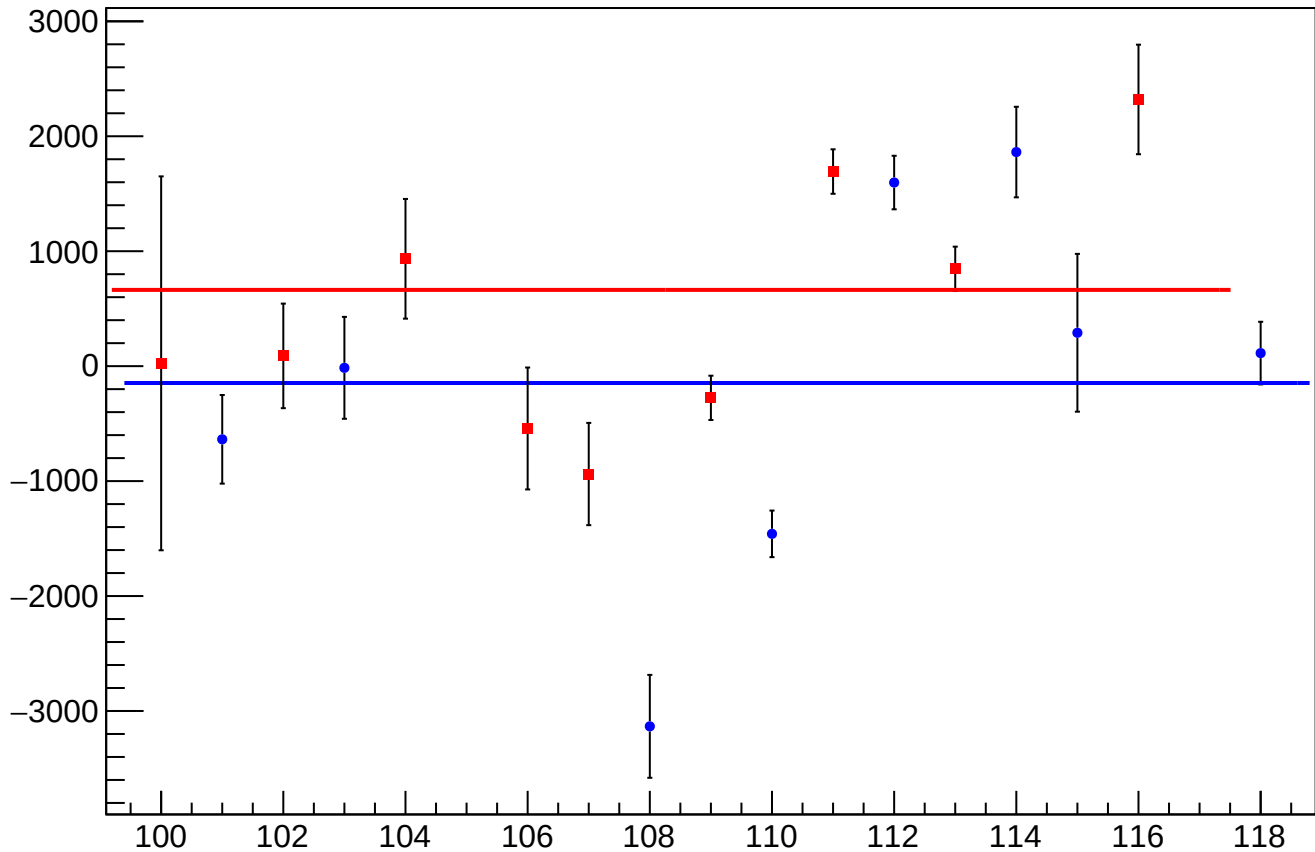
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 399.307+/-0.133 χ^2/NDF : 3554260.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



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: 663.416 ± 98.800 χ^2/NDF : 85.2/8

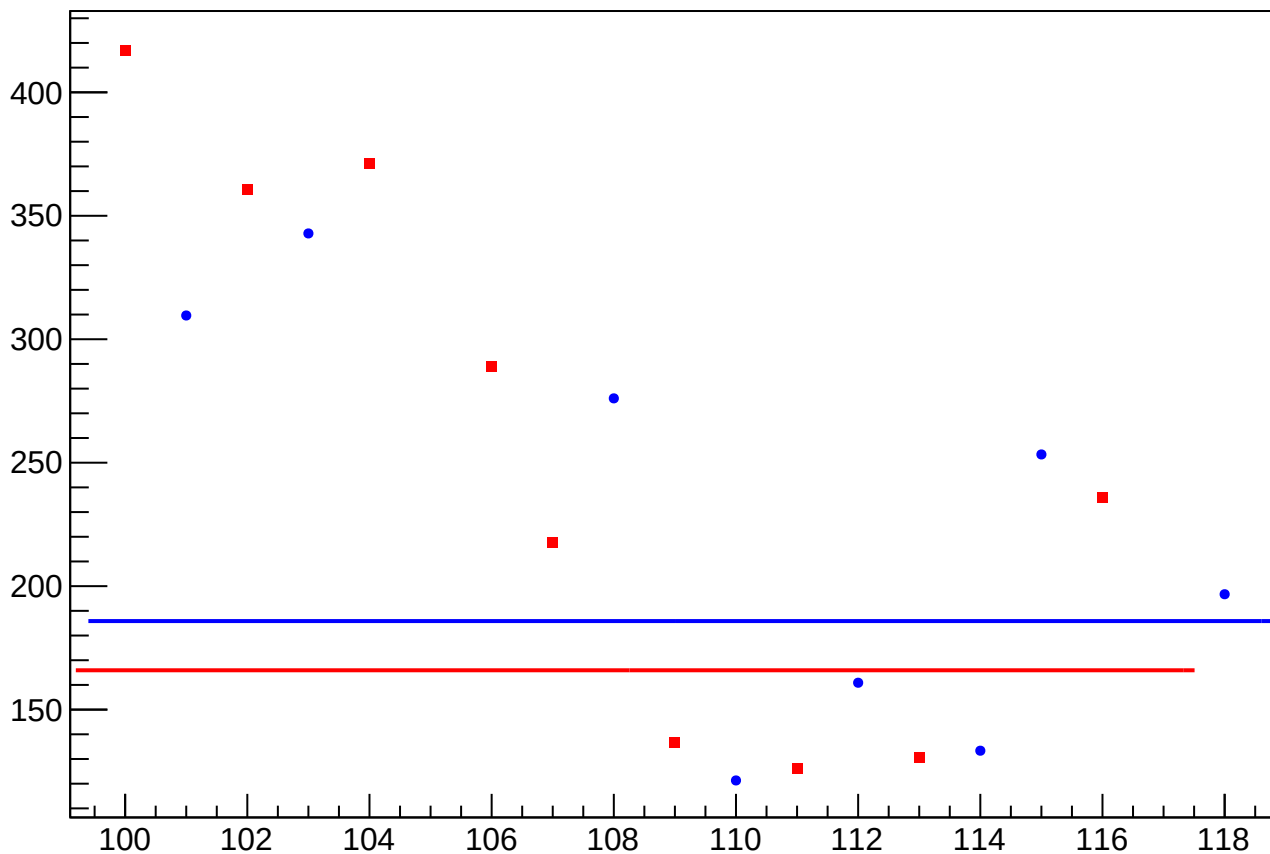
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 304.273 ± 73.707 χ^2/NDF : 286.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug



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: 165.928+/-0.070 χ^2/NDF : 1101713.4/8

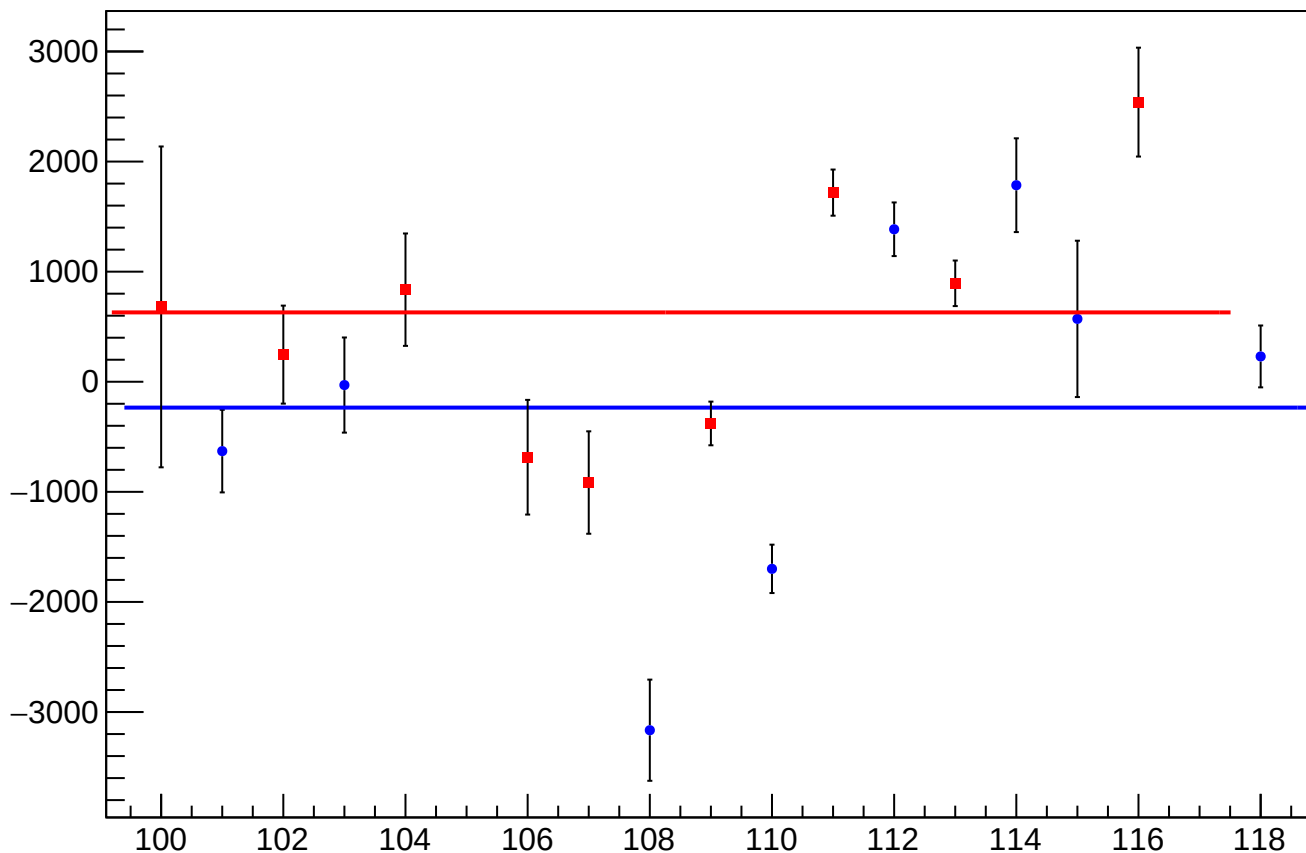
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.766+/-0.052 χ^2/NDF : 1959884.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_mean vs Slug



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: 629.950+/-103.515 χ^2/NDF : 87.7/8

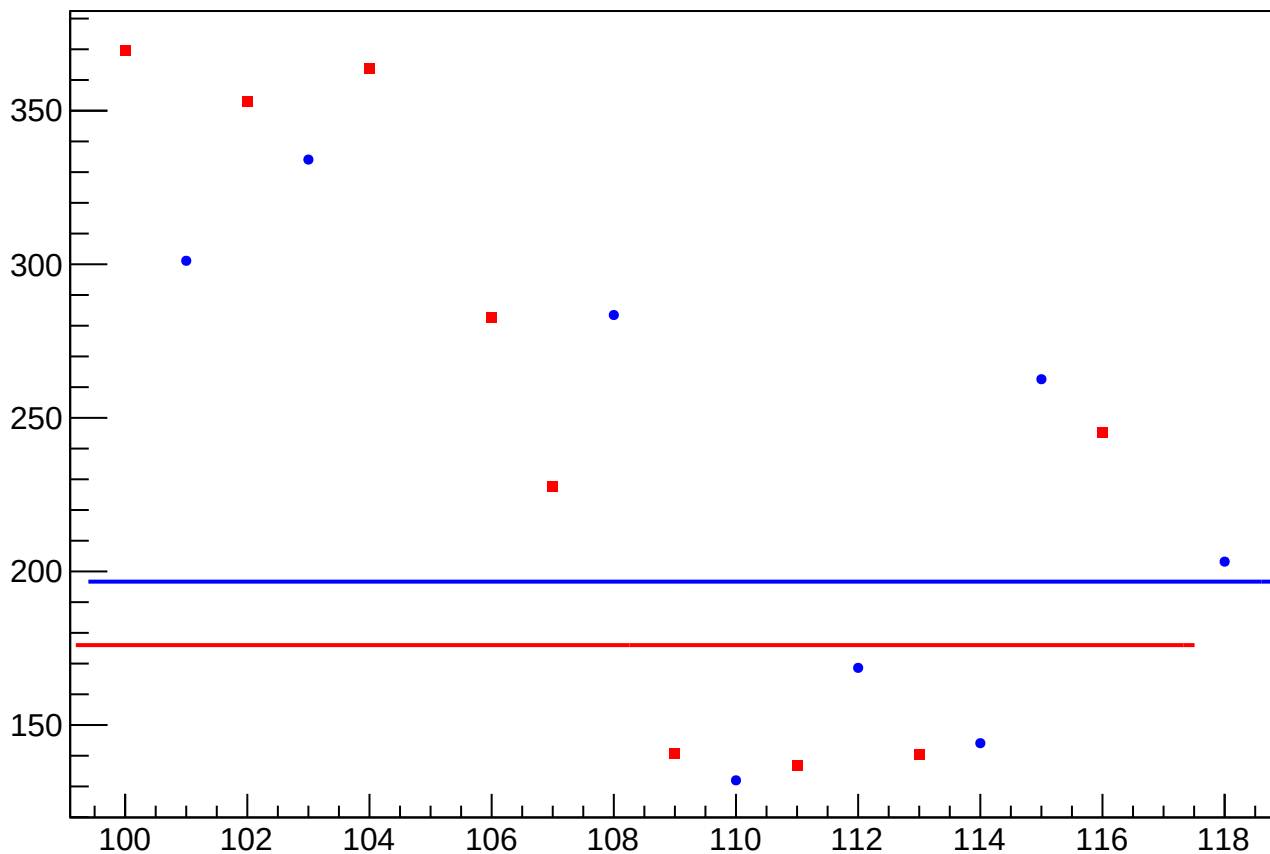
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.848+/-77.095 χ^2/NDF : 276.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 196.680 $\pm$ 0.082 χ^2 /NDF: 677416.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.010 $\pm$ 0.073 χ^2 /NDF: 961806.3/8

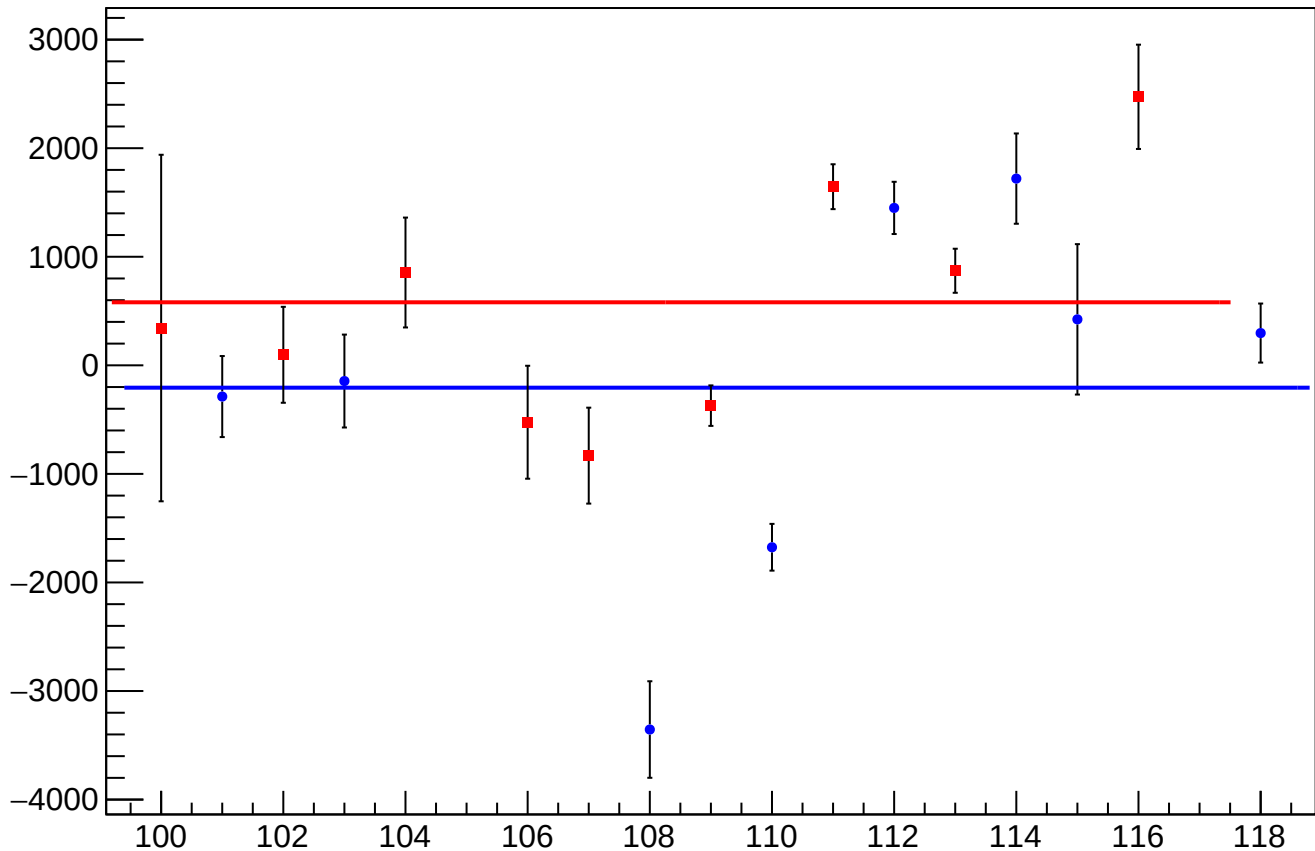
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.215 $\pm$ 0.055 χ^2 /NDF: 1674733.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -205.904 ± 113.273 χ^2/NDF : 169.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 580.590 ± 100.493 χ^2/NDF : 86.4/8

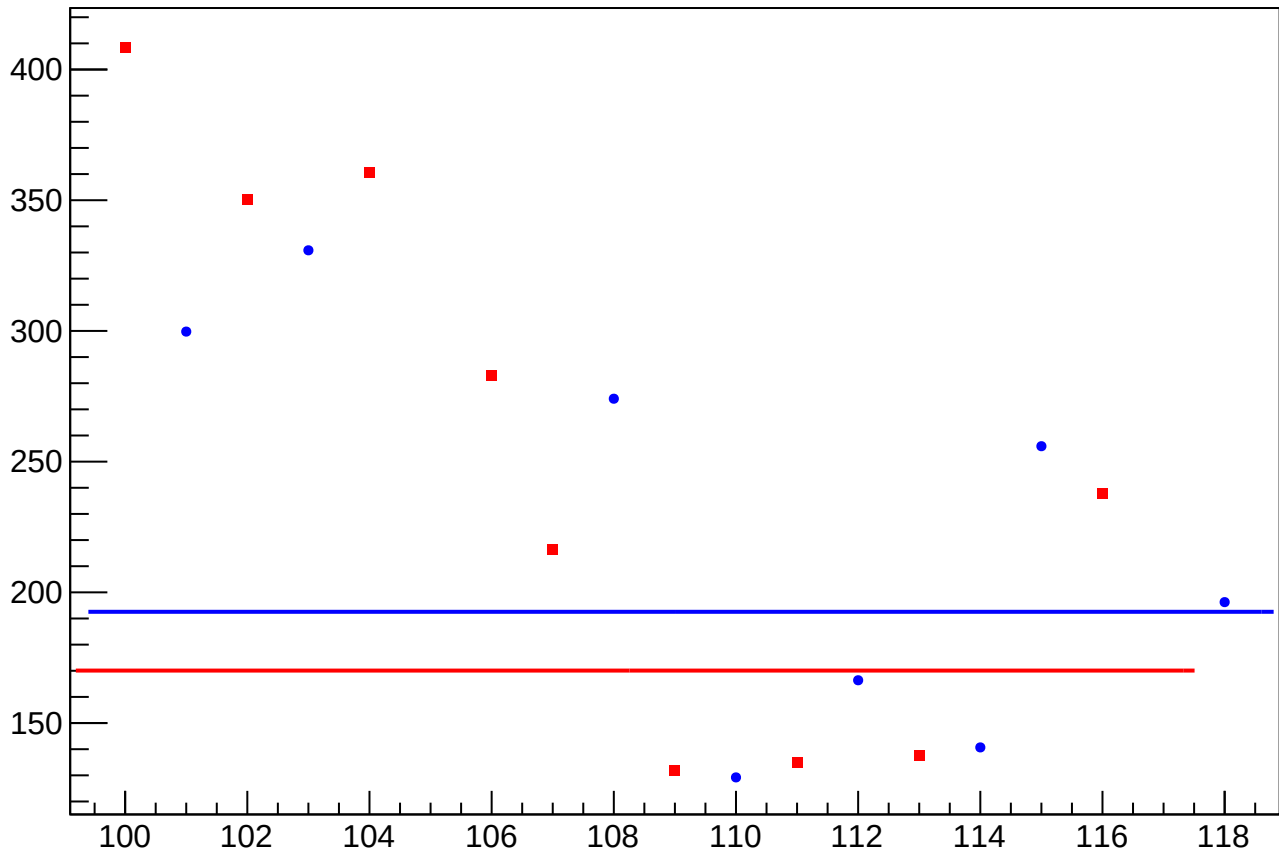
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 234.197 ± 75.173 χ^2/NDF : 283.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 192.560 $\pm$ 0.080 χ^2 /NDF: 685995.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 170.077 $\pm$ 0.071 χ^2 /NDF: 1009098.2/8

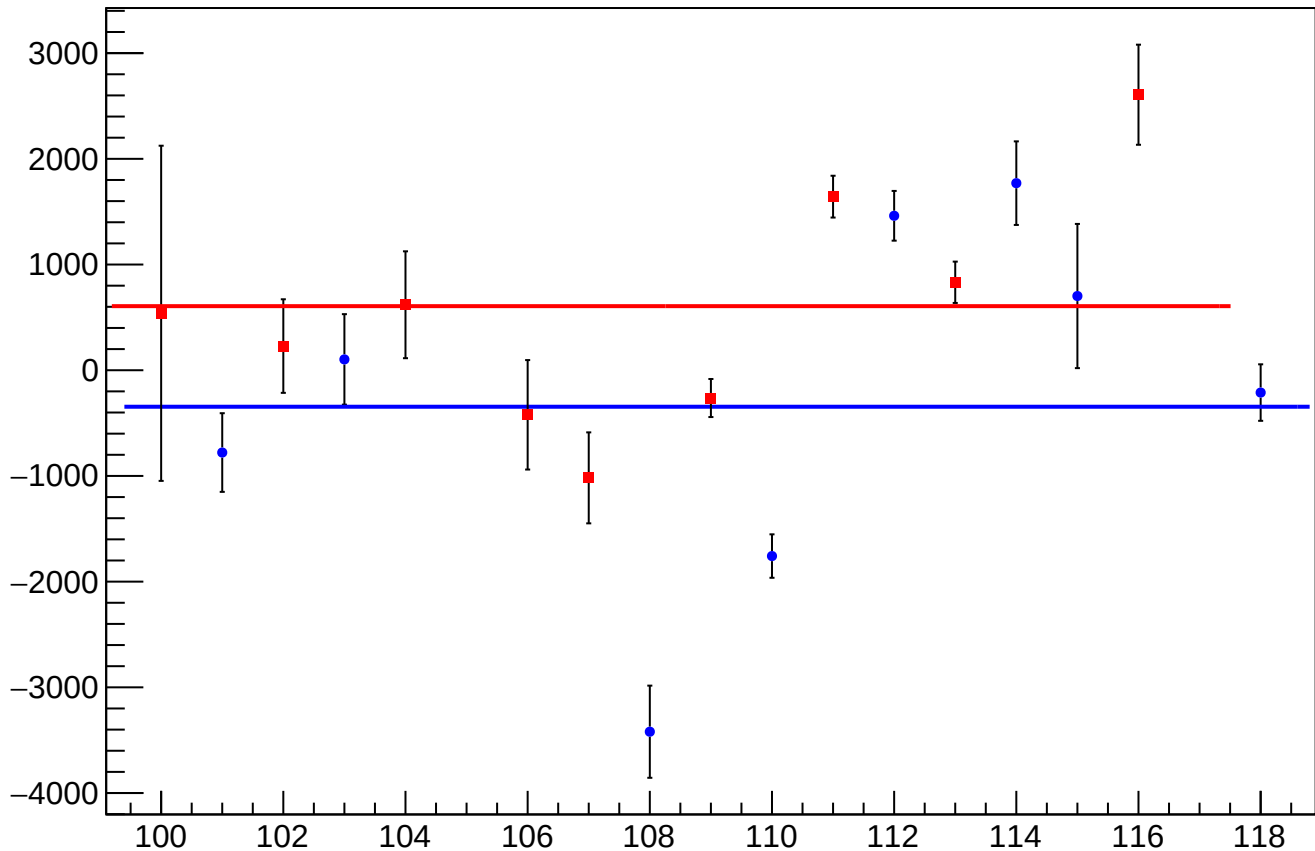
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.979 $\pm$ 0.053 χ^2 /NDF: 1739182.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



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: 606.260 ± 97.319 χ^2/NDF : 88.8/8

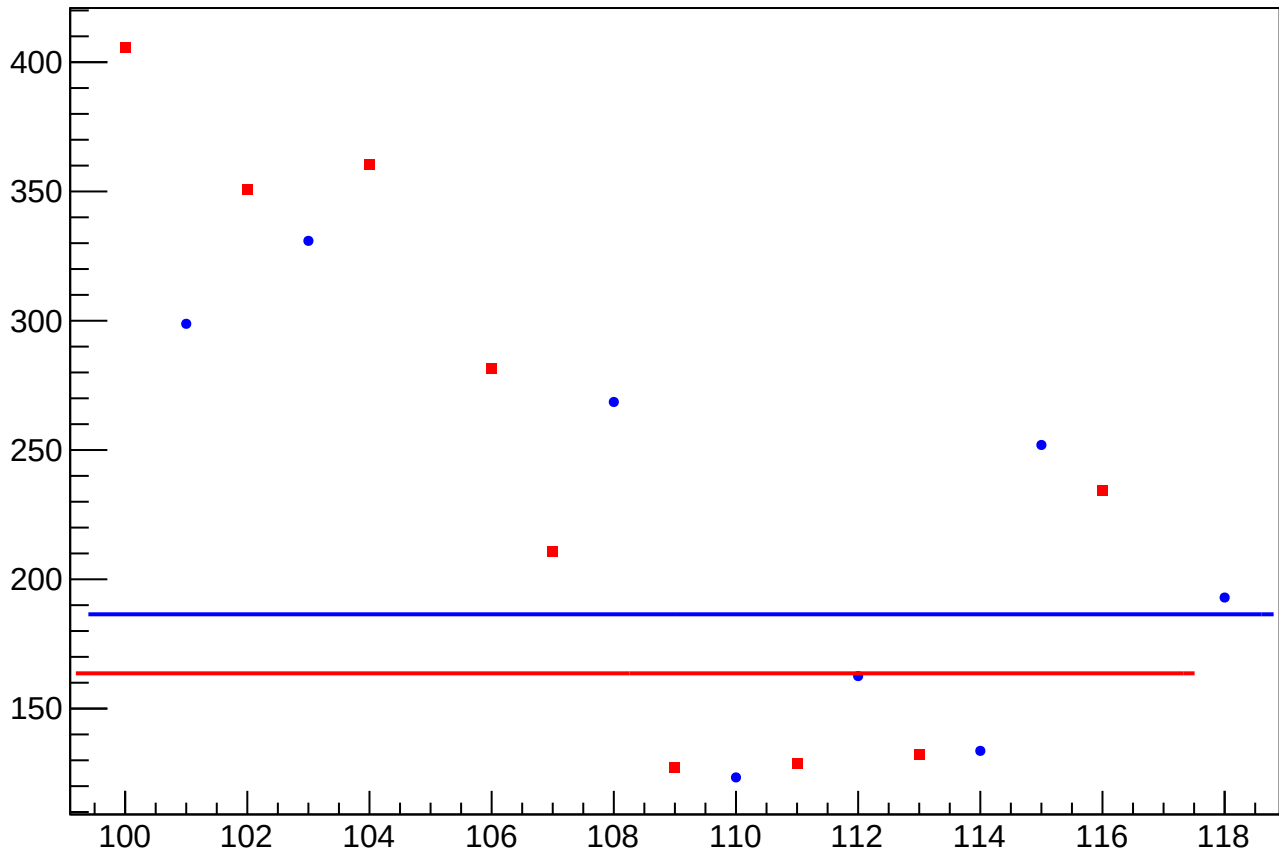
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 189.653 ± 72.968 χ^2/NDF : 320.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 186.466 $\pm$ 0.078 χ^2 /NDF: 745439.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.634 $\pm$ 0.069 χ^2 /NDF: 1074611.4/8

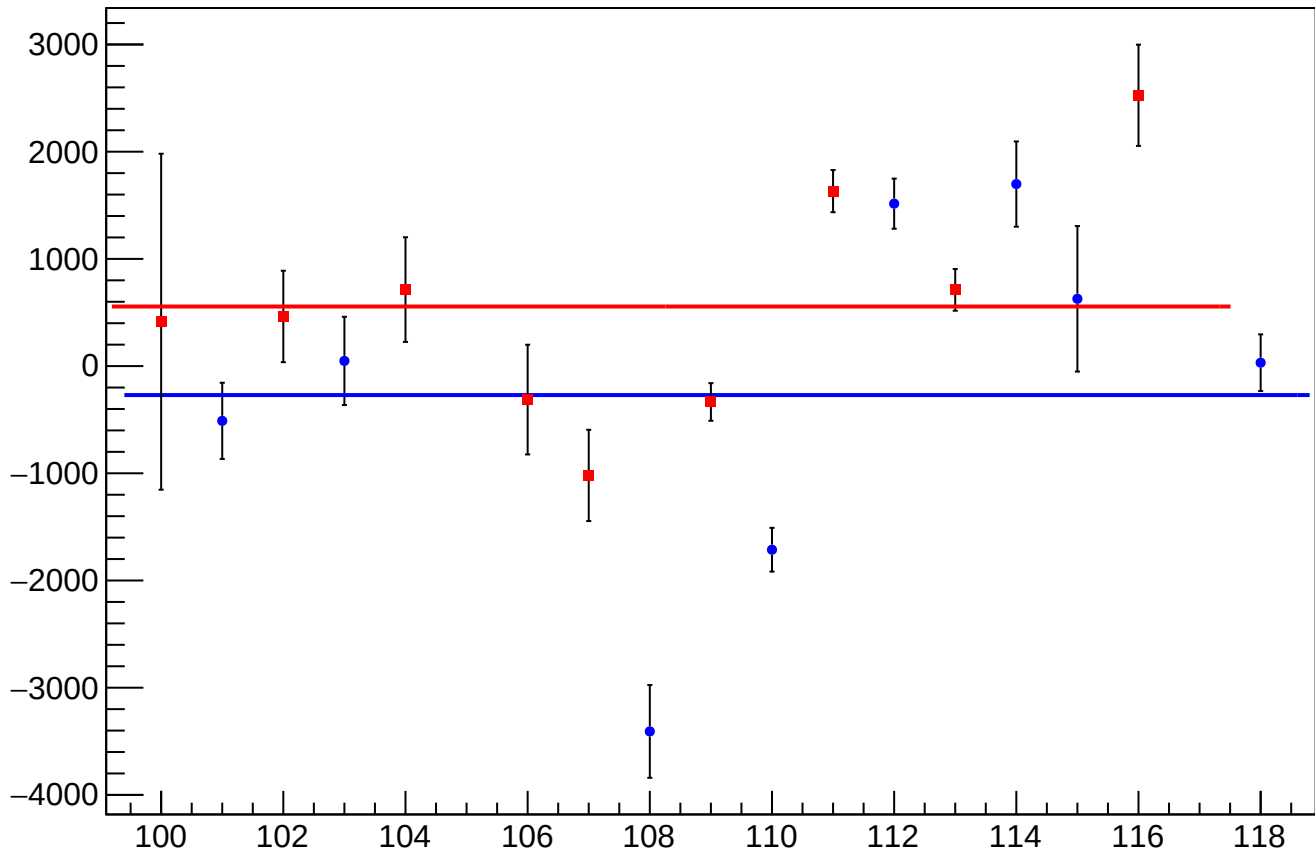
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 173.630 $\pm$ 0.052 χ^2 /NDF: 1868248.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_mean vs Slug



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: 555.769+/-95.922 χ^2 /NDF: 90.5/8

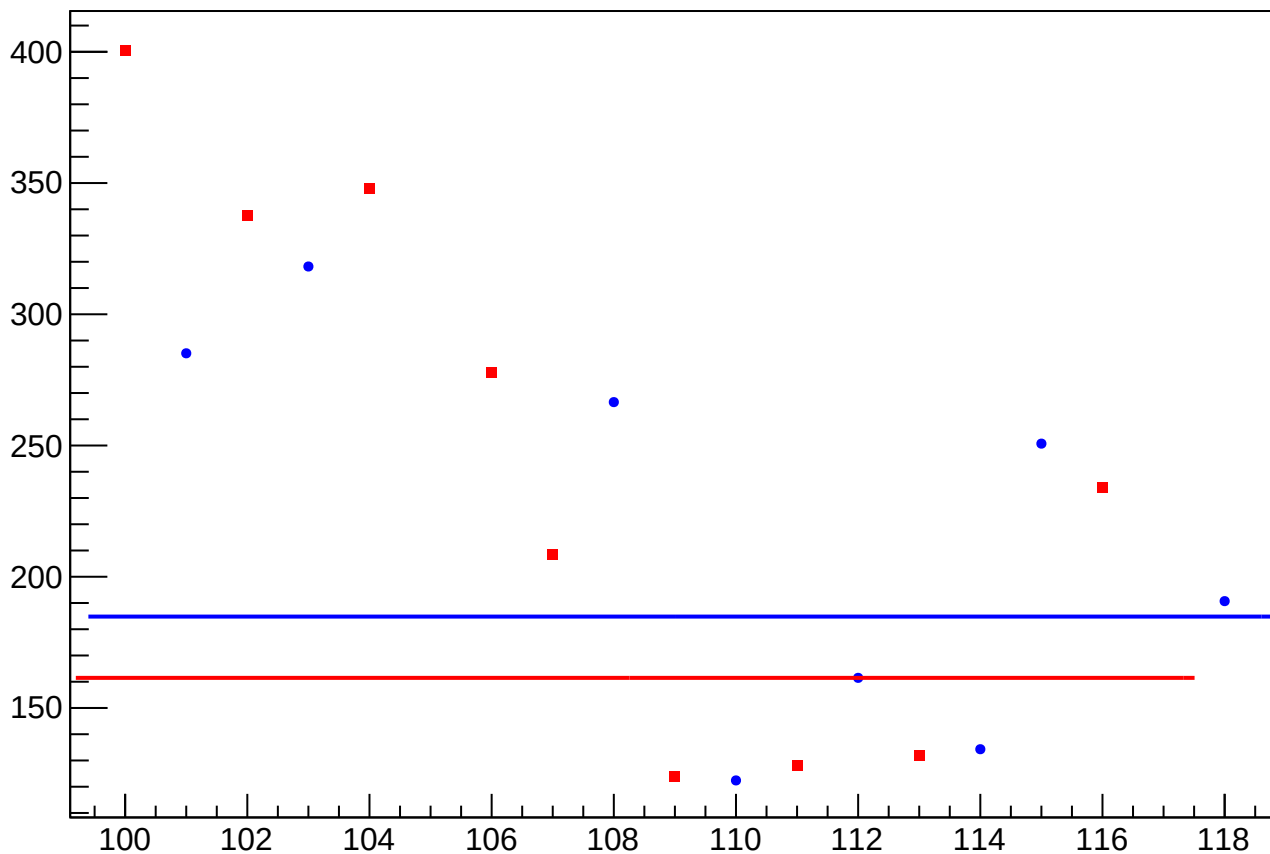
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 195.014+/-71.986 χ^2 /NDF: 312.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_rms vs Slug



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: 161.474+/-0.068 χ^2/NDF : 1050720.9/8

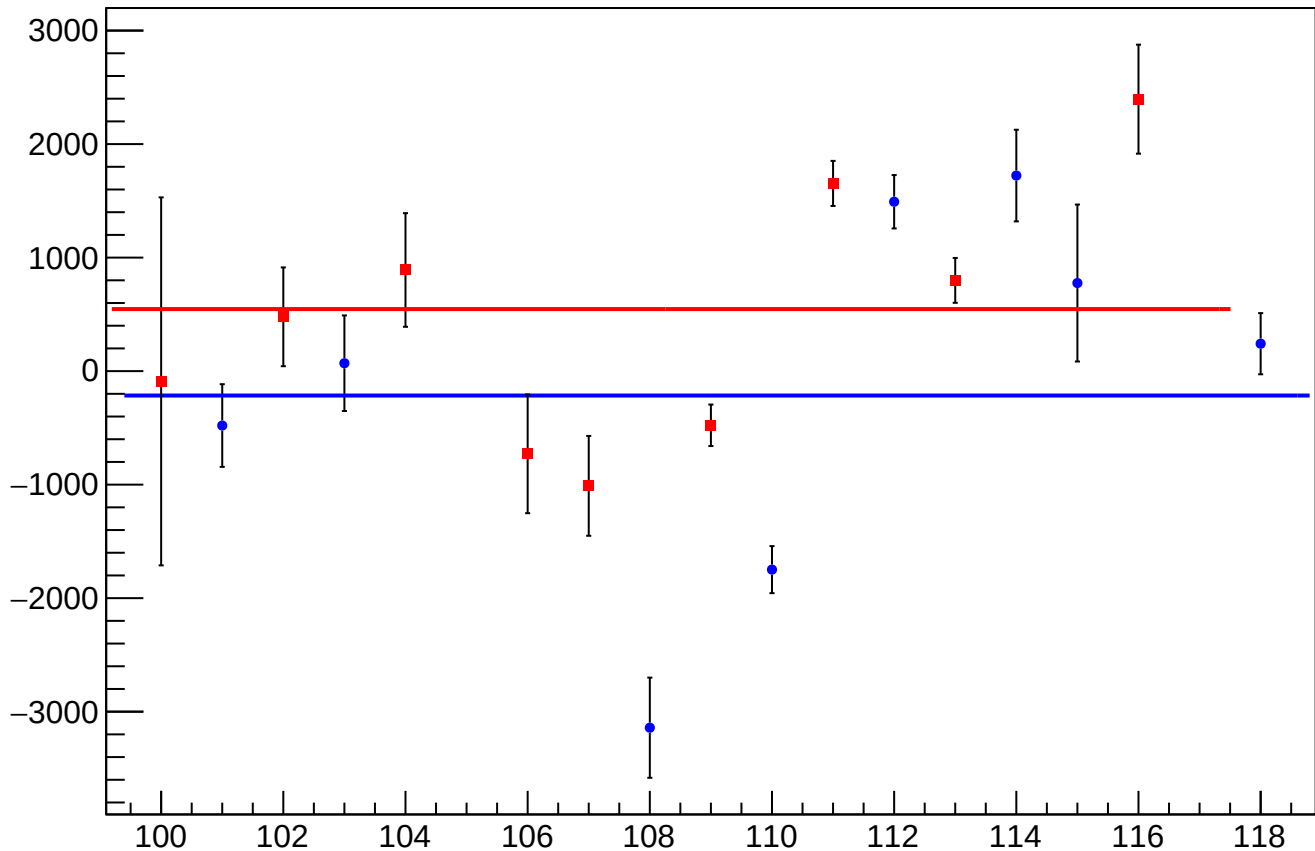
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.673+/-0.051 χ^2/NDF : 1802356.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_mean vs Slug



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: 546.634 ± 98.177 χ^2/NDF : 98.1/8

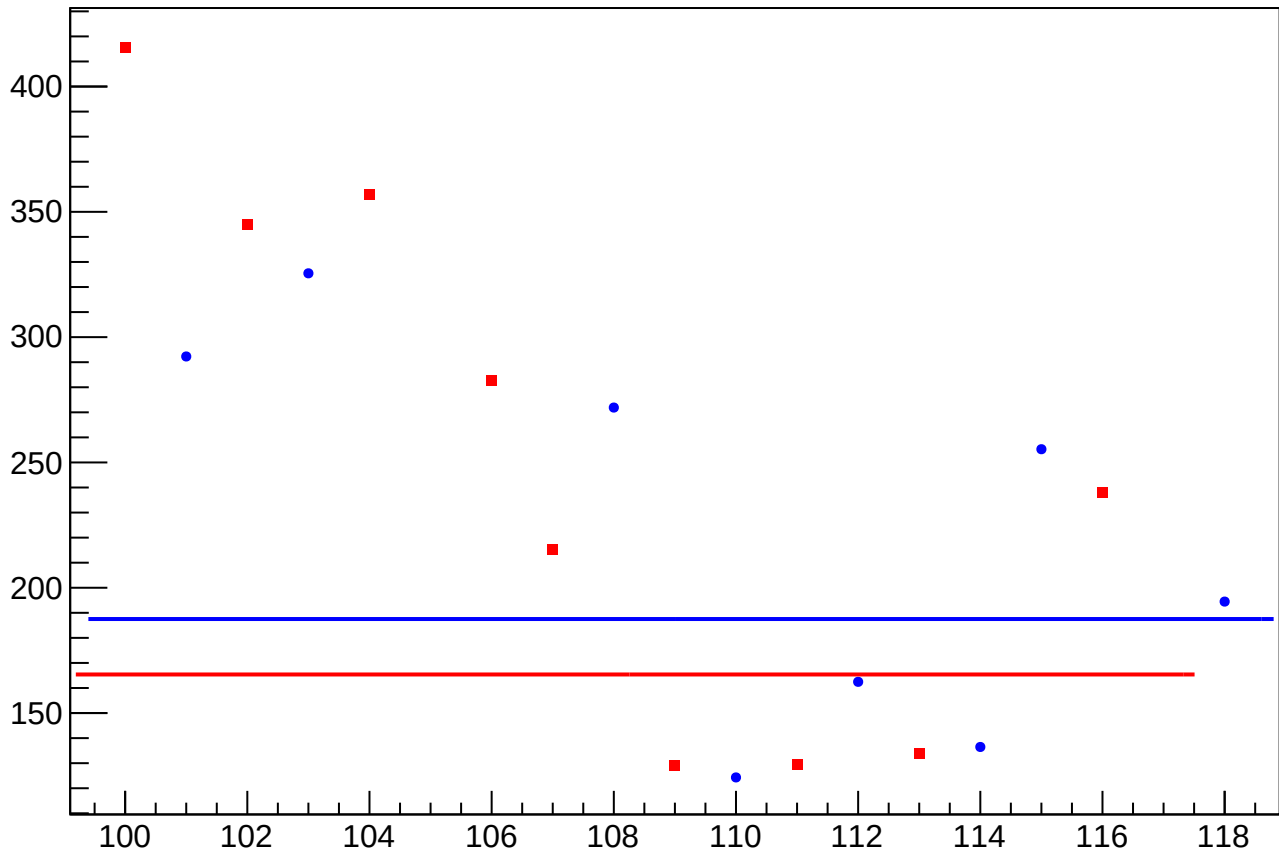
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 211.026 ± 73.426 χ^2/NDF : 305.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



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: 165.395+/-0.069 χ^2/NDF : 1046547.4/8

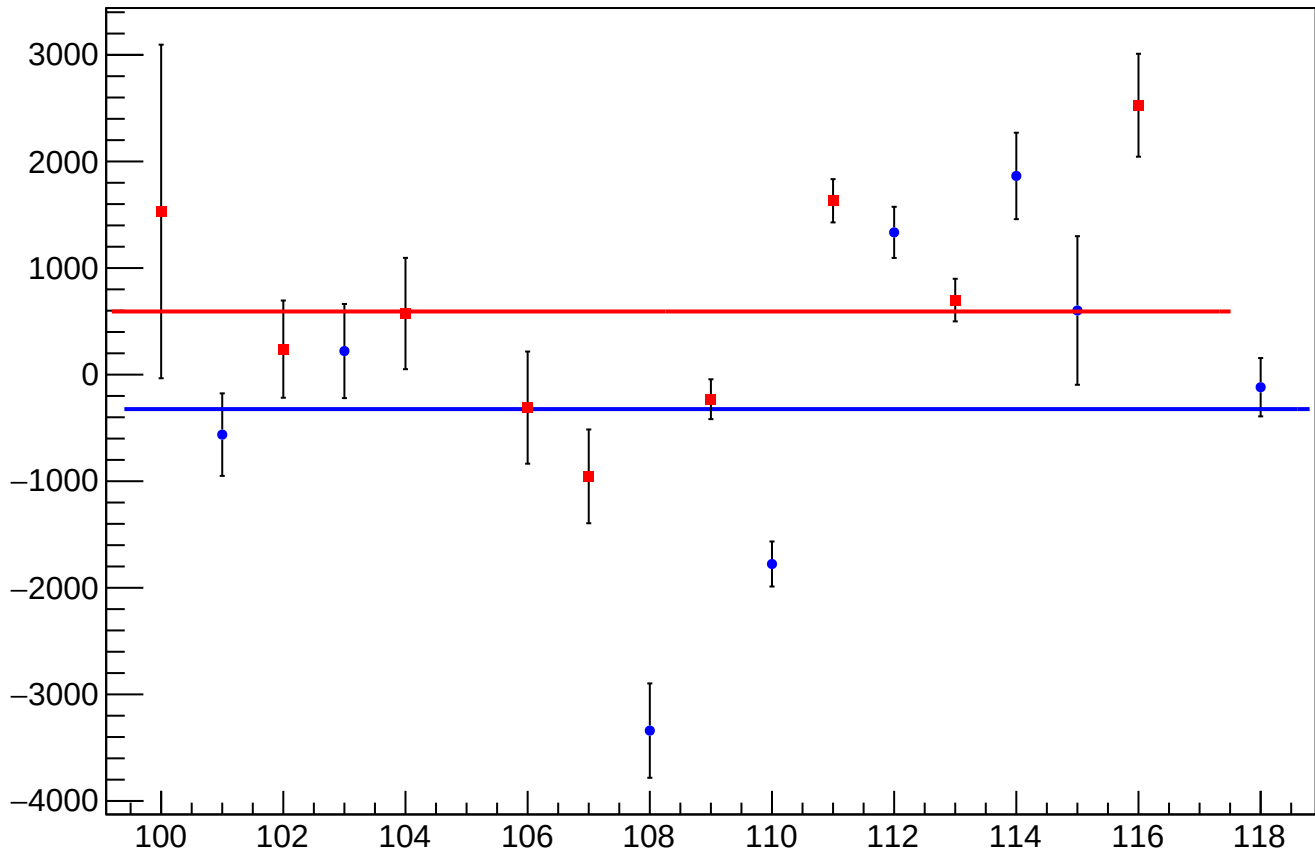
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.146+/-0.052 χ^2/NDF : 1806302.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_mean vs Slug



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: 592.496+/-100.058 χ^2/NDF : 78.2/8

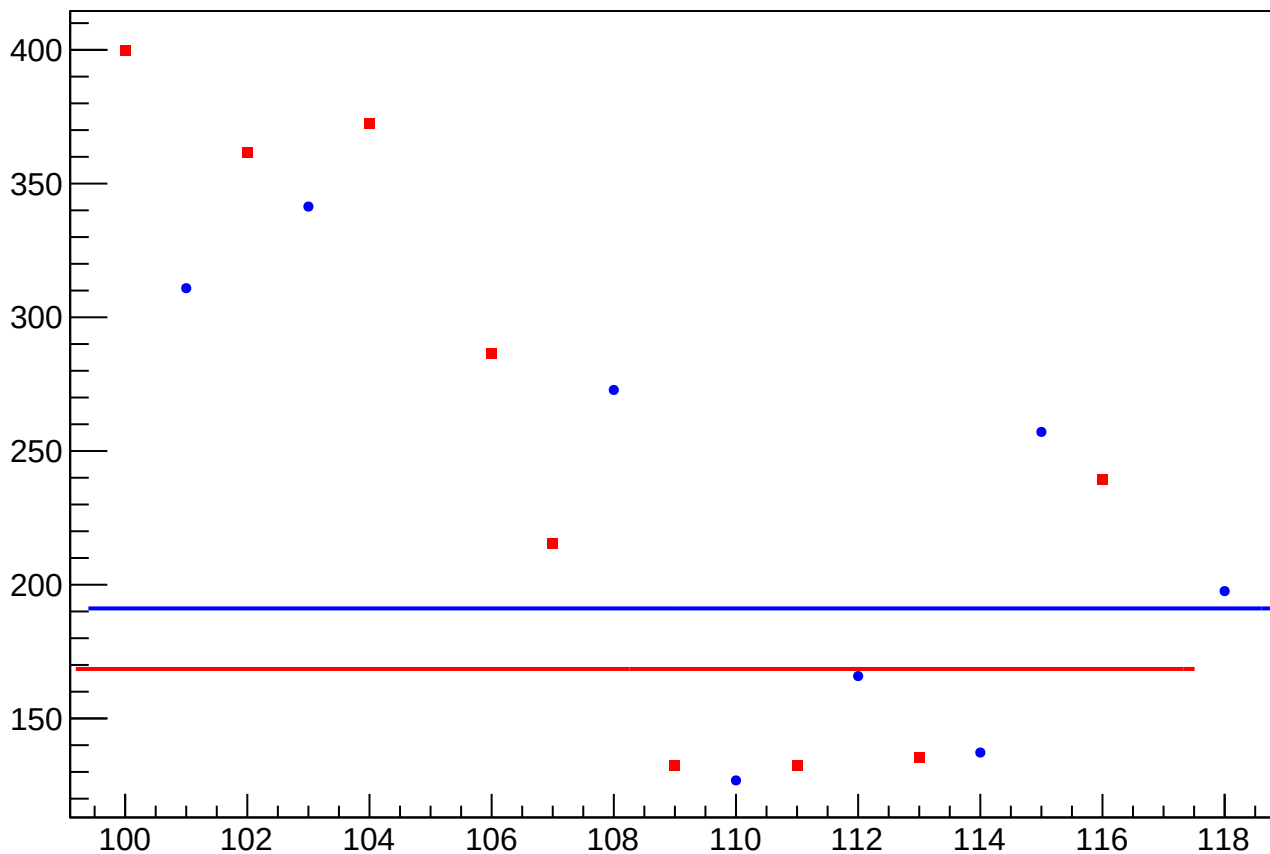
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.331+/-74.936 χ^2/NDF : 289.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 191.142 $\pm$ 0.080 χ^2 /NDF: 753182.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 168.505 $\pm$ 0.071 χ^2 /NDF: 1066546.9/8

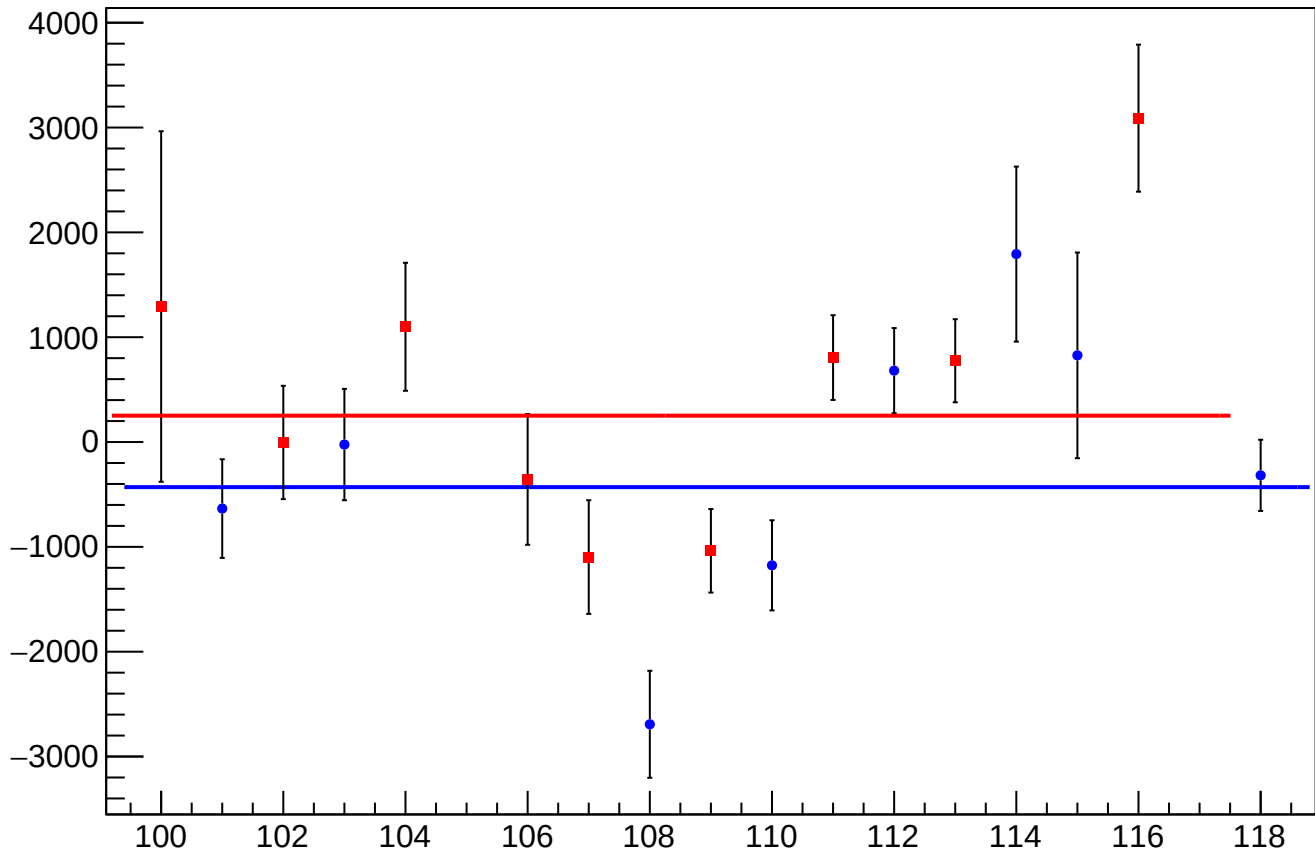
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.445 $\pm$ 0.053 χ^2 /NDF: 1864680.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -430.246 $\pm$ 170.186 χ^2 /NDF: 39.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.472 $\pm$ 173.376 χ^2 /NDF: 40.2/8

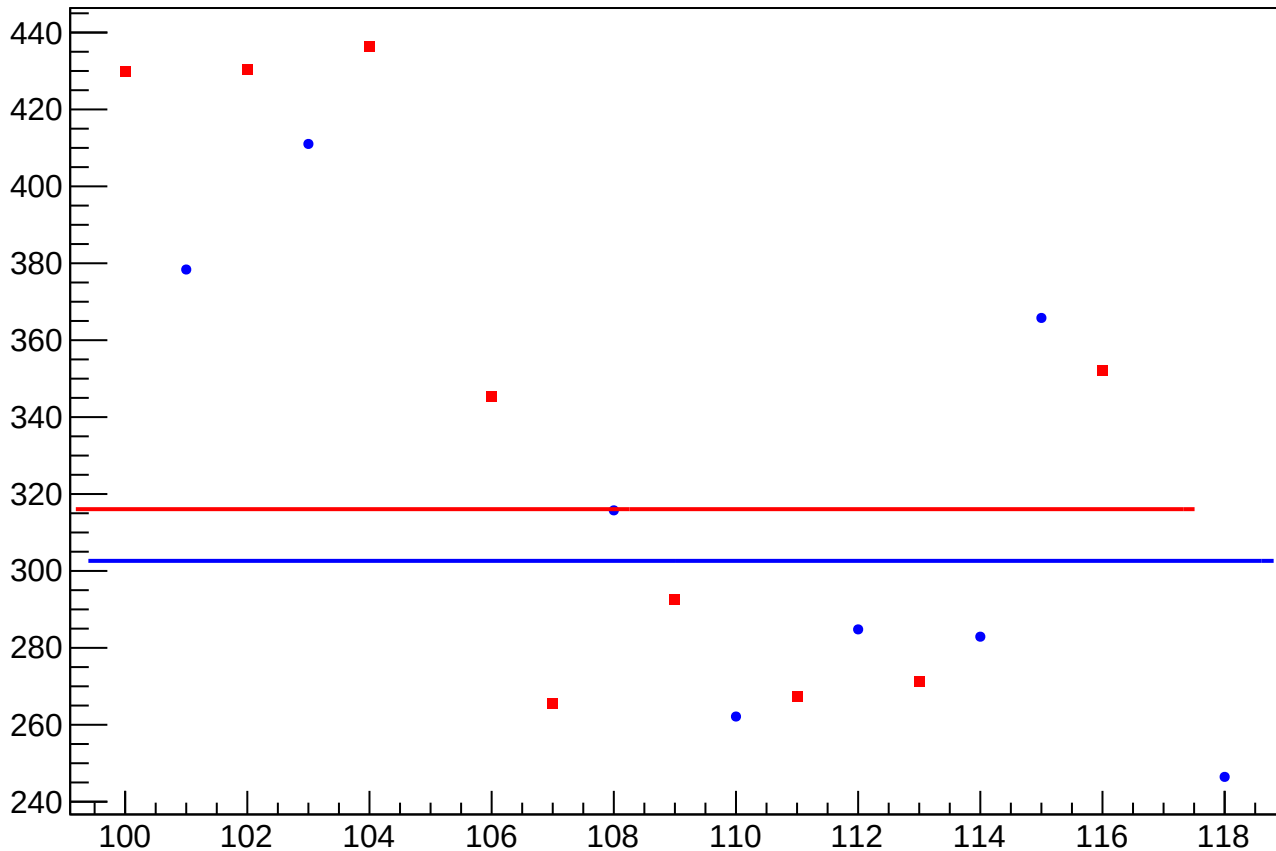
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -95.715 $\pm$ 121.452 χ^2 /NDF: 87.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_rms vs Slug



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: 316.064+/-0.123 χ^2/NDF : 265303.9/8

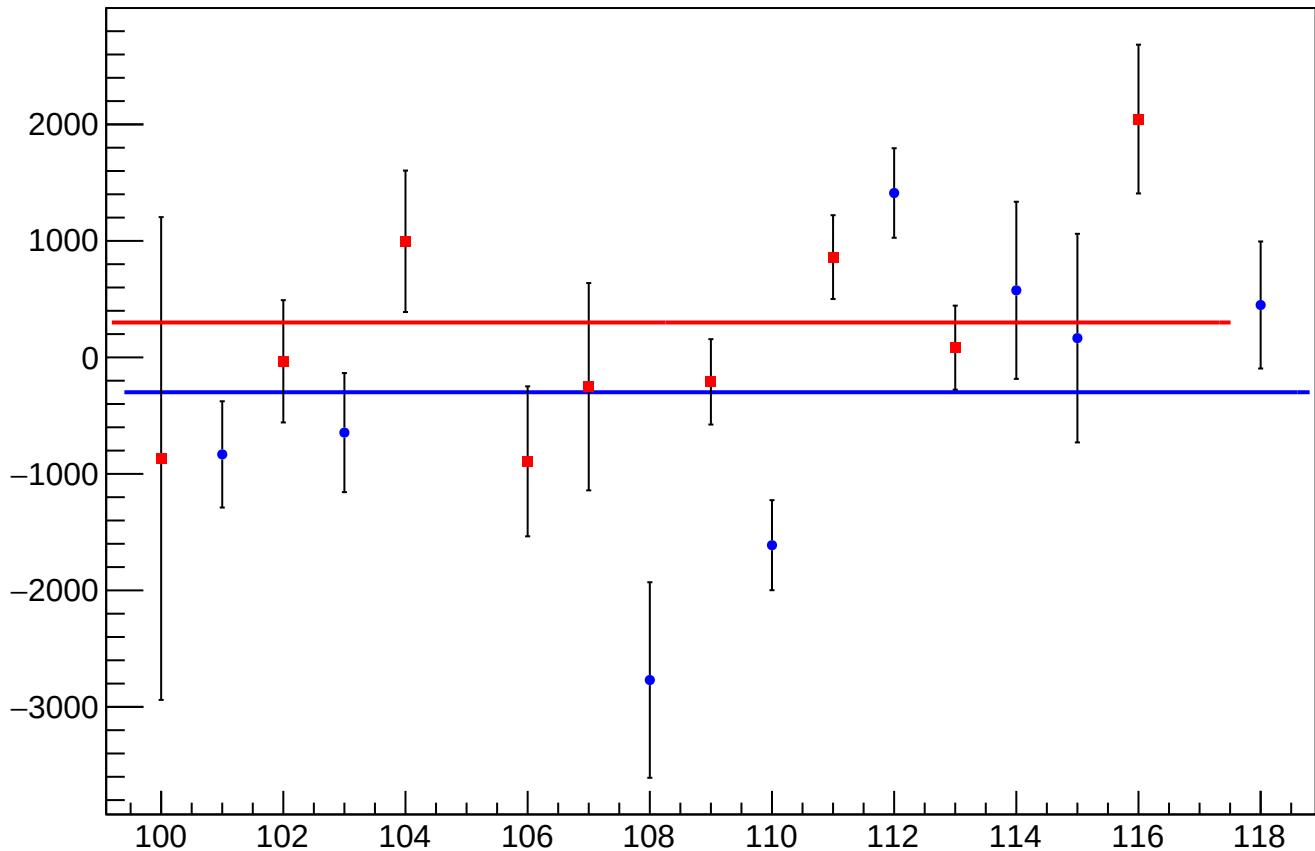
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 309.218+/-0.086 χ^2/NDF : 493721.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -299.105 $\pm$ 183.007 χ^2 /NDF: 45.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 299.673 $\pm$ 167.674 χ^2 /NDF: 18.1/8

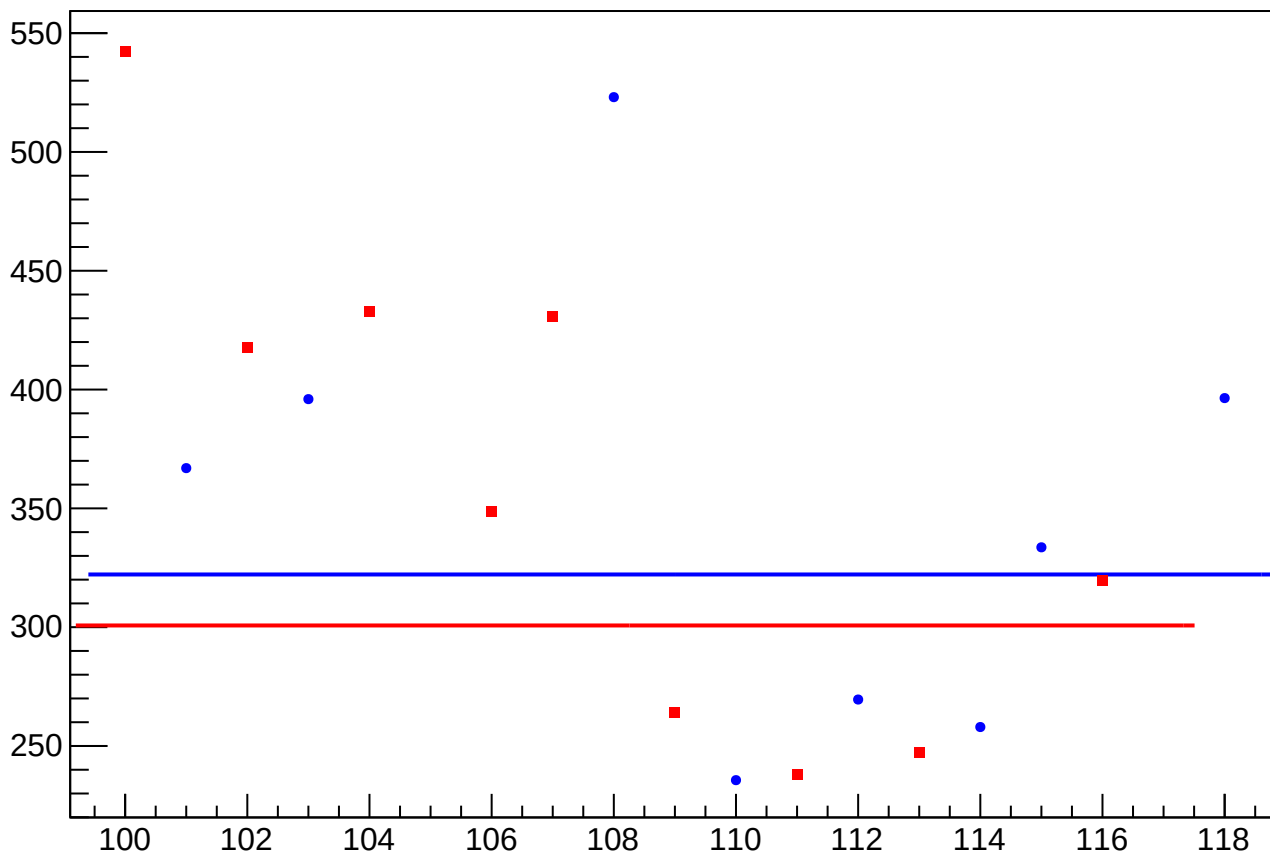
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.416 $\pm$ 123.629 χ^2 /NDF: 69.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_rms vs Slug



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: 300.719+/-0.119 χ^2/NDF : 401958.9/8

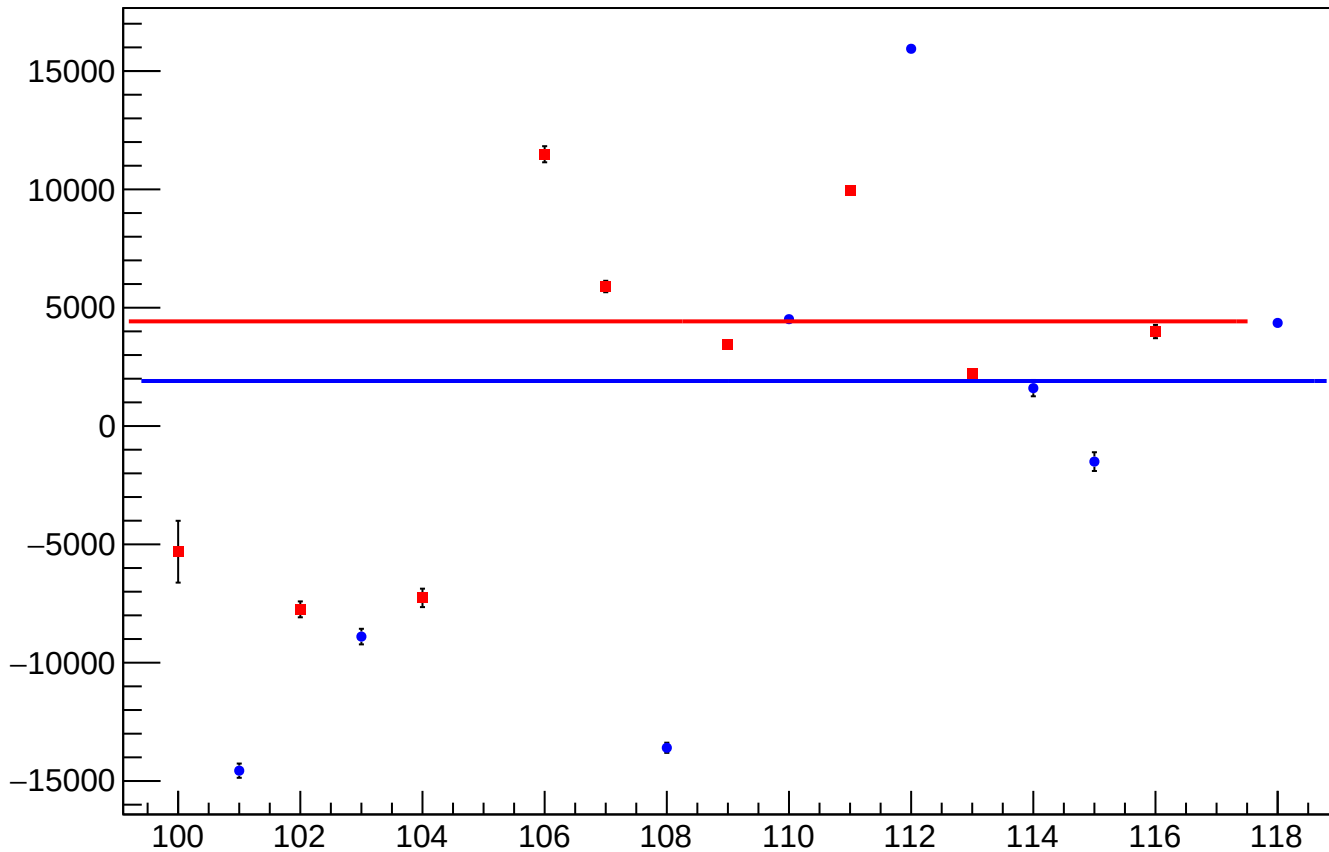
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.513+/-0.087 χ^2/NDF : 781918.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



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: 4422.833+/-76.476 χ^2/NDF : 4214.6/8

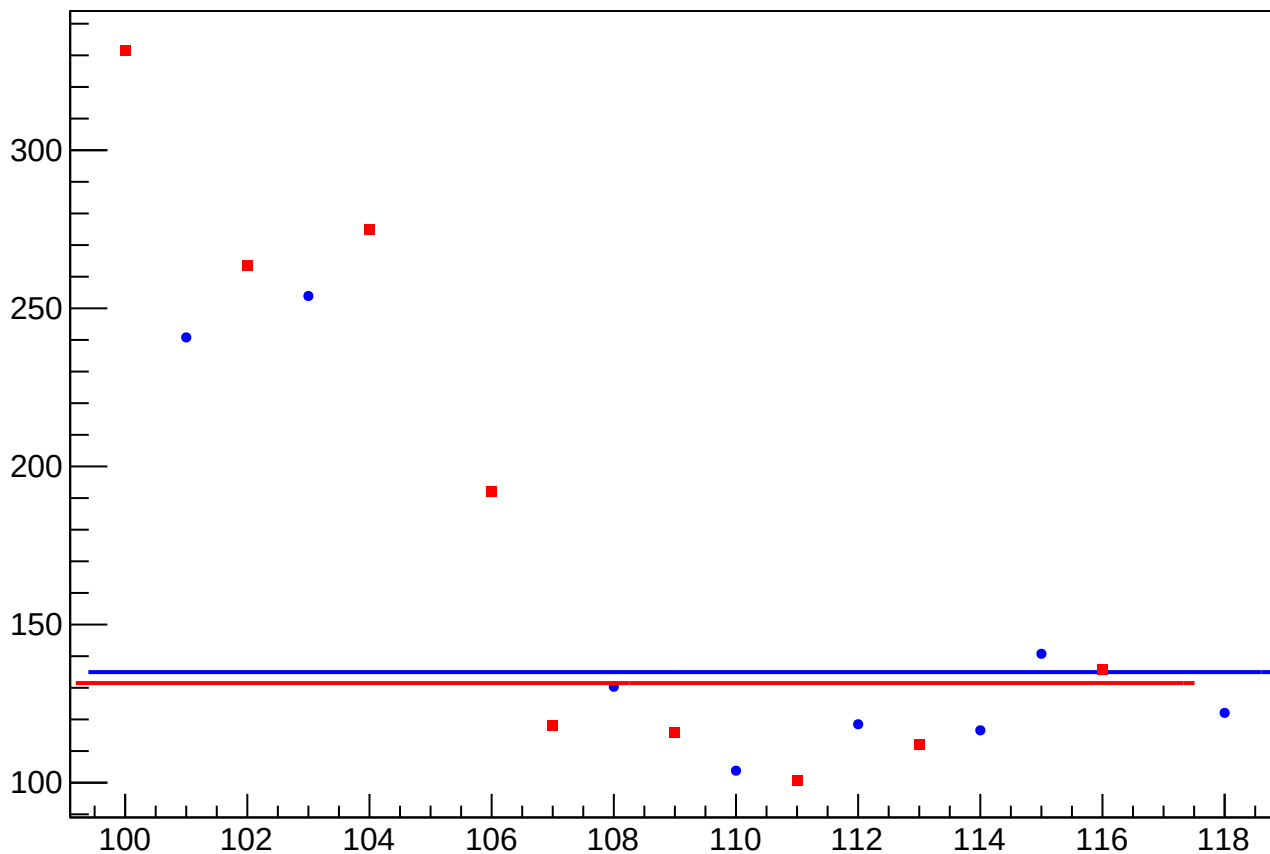
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3209.470+/-55.065 χ^2/NDF : 21064.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 134.968 $\pm$ 0.056 χ^2 /NDF: 609409.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.504 $\pm$ 0.054 χ^2 /NDF: 820797.7/8

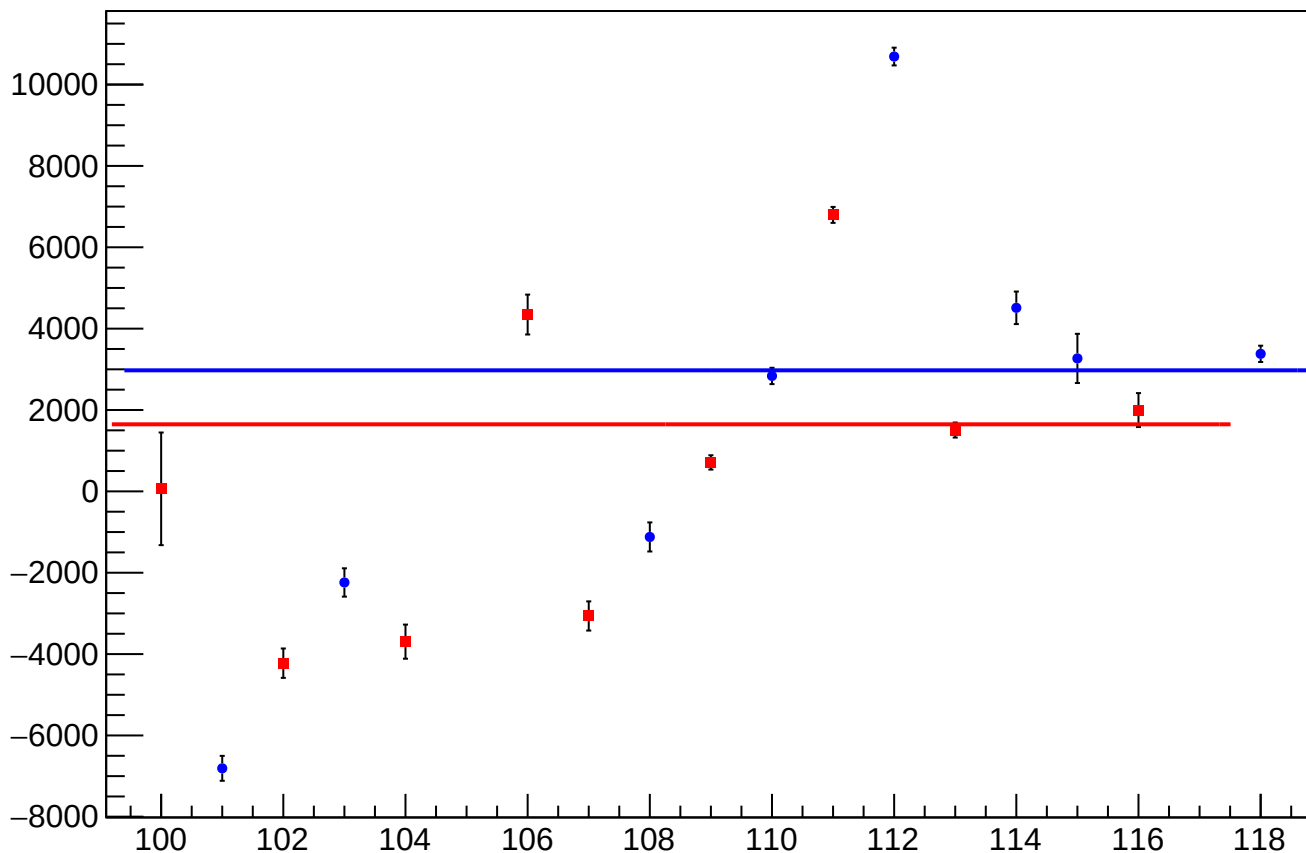
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.172 $\pm$ 0.039 χ^2 /NDF: 1432183.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



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: 1648.181+/-91.608 χ^2/NDF : 1349.8/8

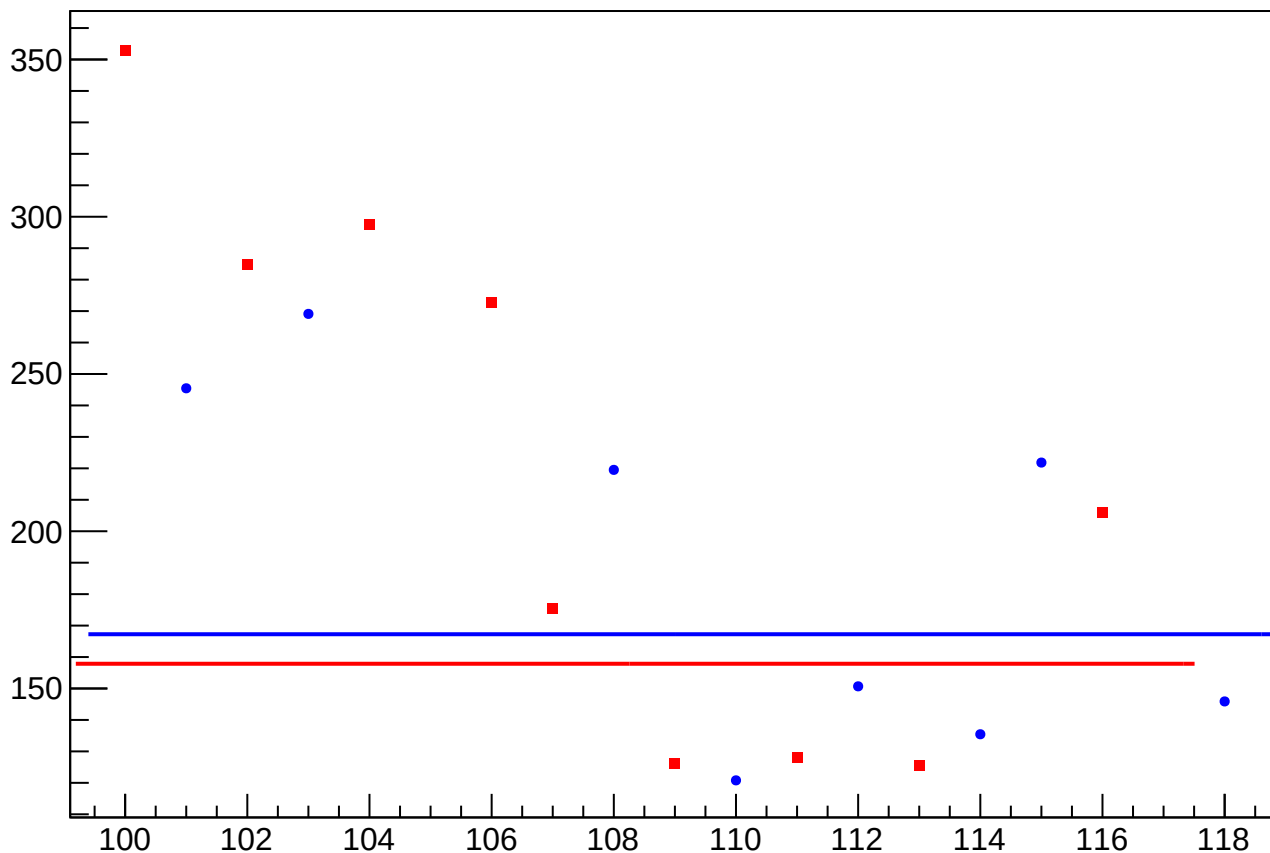
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2274.116+/-66.586 χ^2/NDF : 4093.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



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: 157.865+/-0.065 χ^2/NDF : 823783.4/8

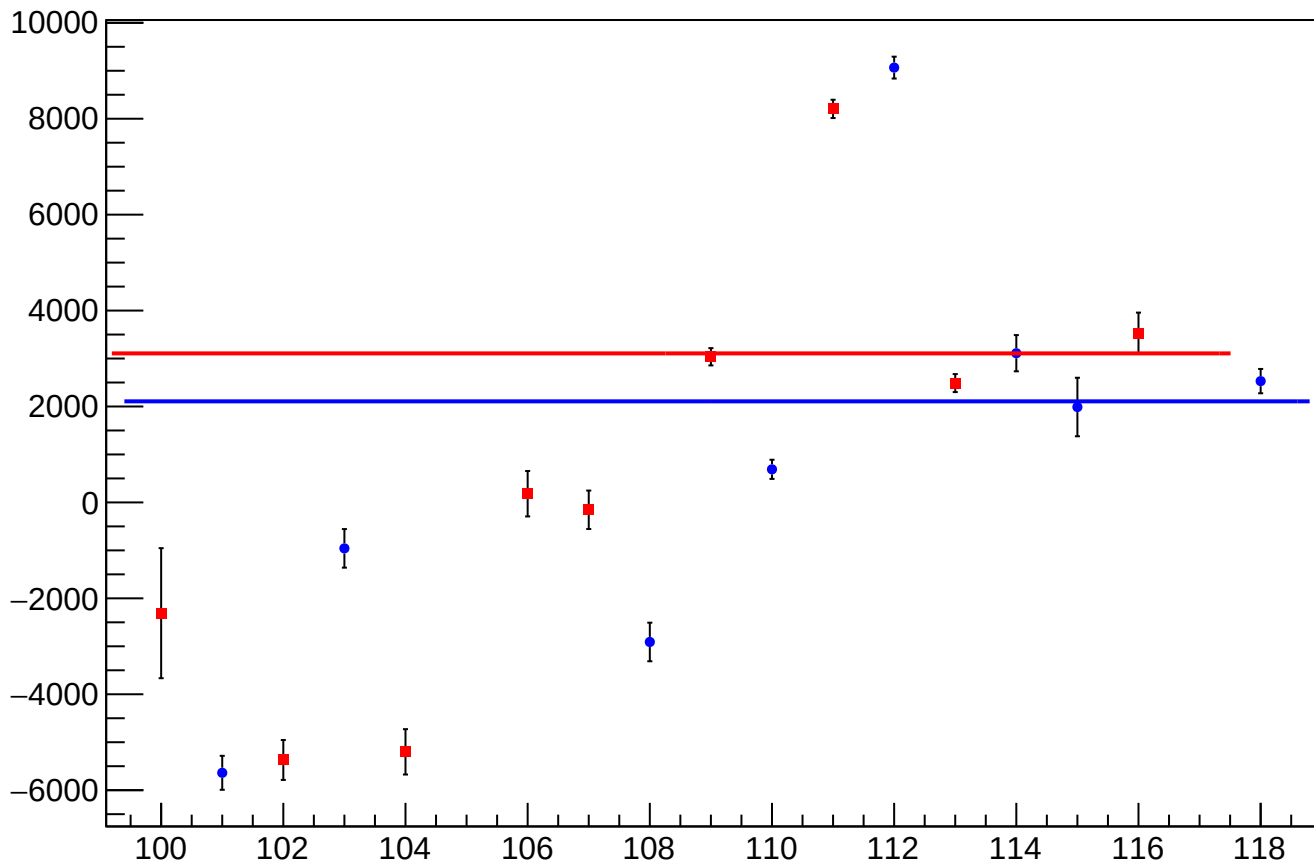
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 162.292+/-0.047 χ^2/NDF : 1348026.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_mean vs Slug



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: 3107.199+/-93.854 χ^2/NDF : 1568.9/8

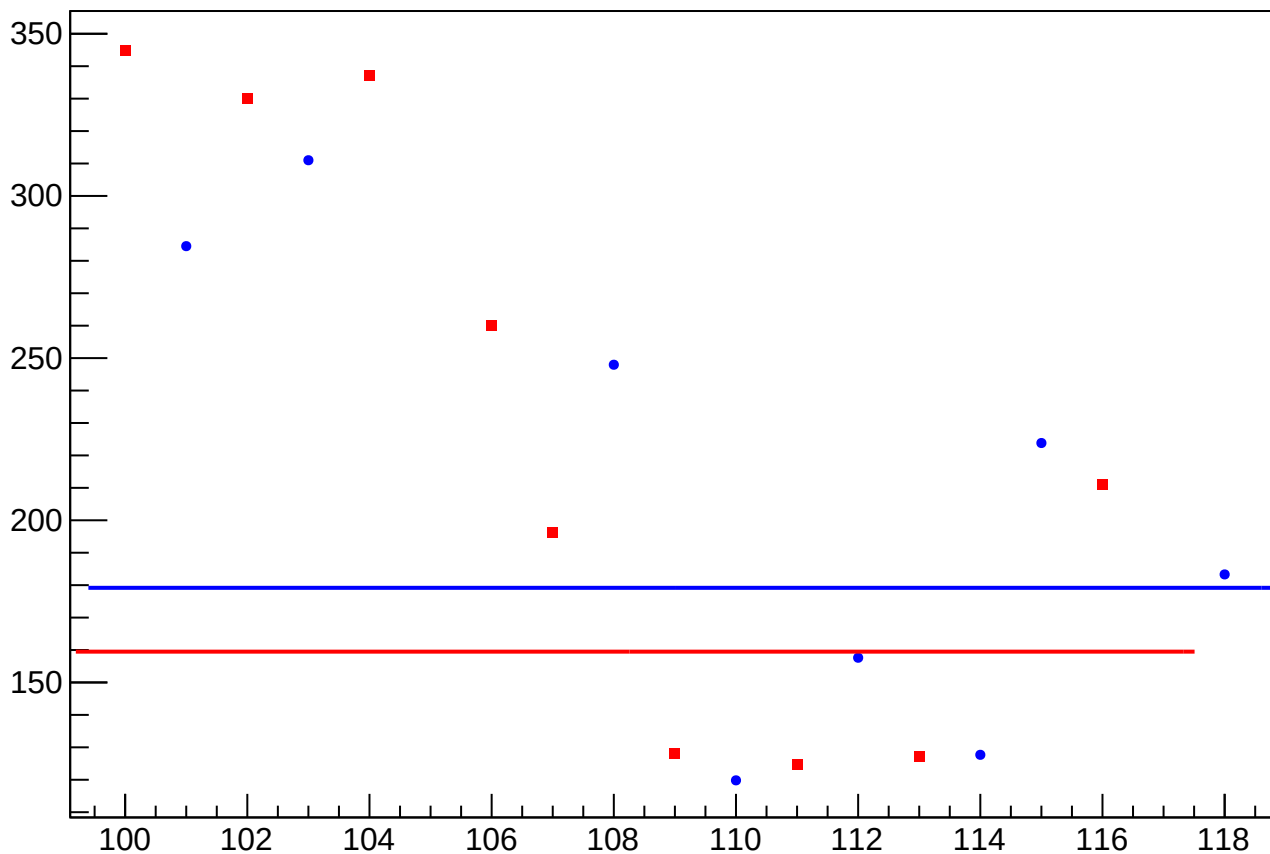
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2665.433+/-70.116 χ^2/NDF : 3302.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



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: 159.500+/-0.066 χ^2/NDF : 978186.9/8

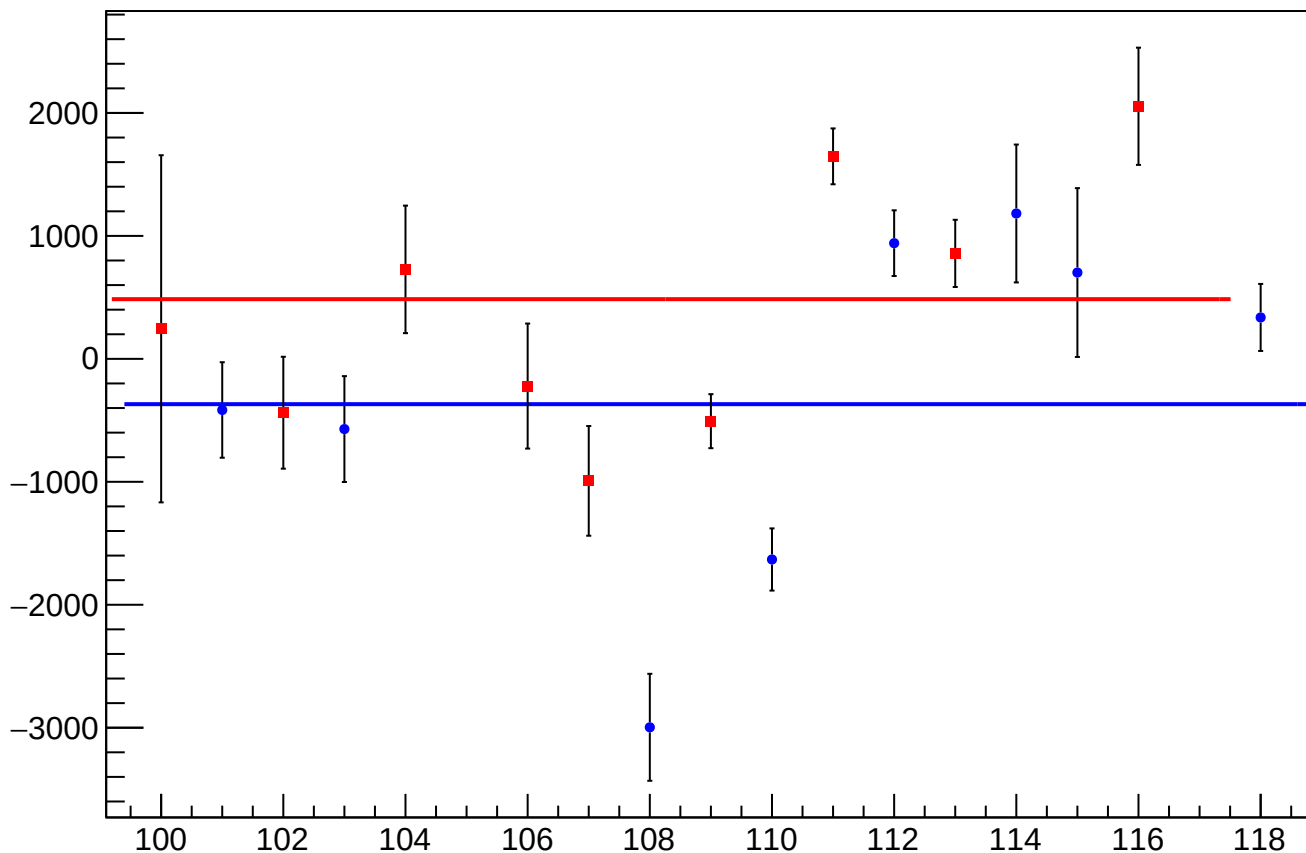
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.196+/-0.050 χ^2/NDF : 1710056.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



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: 485.482 ± 114.818 χ^2/NDF : 76.5/8

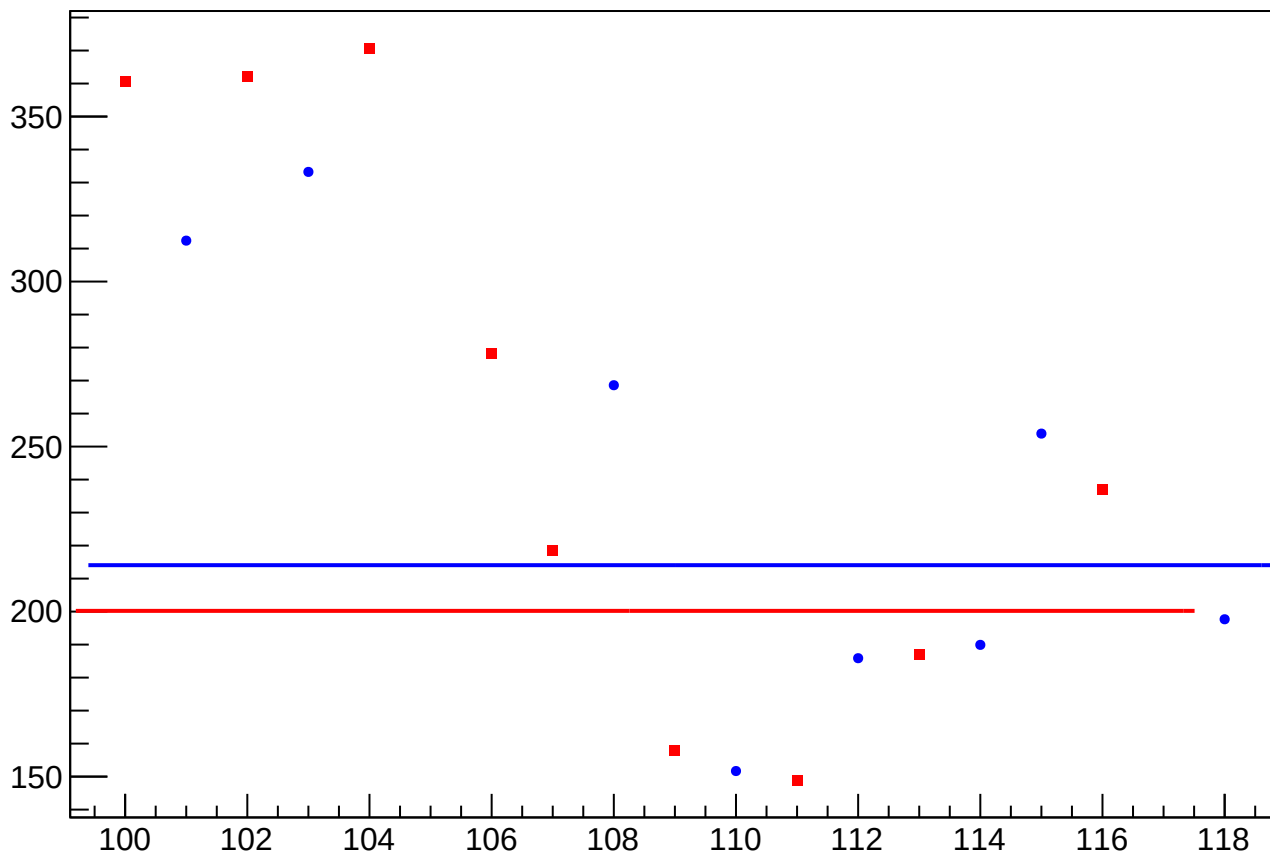
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 89.043 ± 84.044 χ^2/NDF : 204.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 214.064 $\pm$ 0.087 χ^2 /NDF: 474495.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 200.218 $\pm$ 0.081 χ^2 /NDF: 737269.2/8

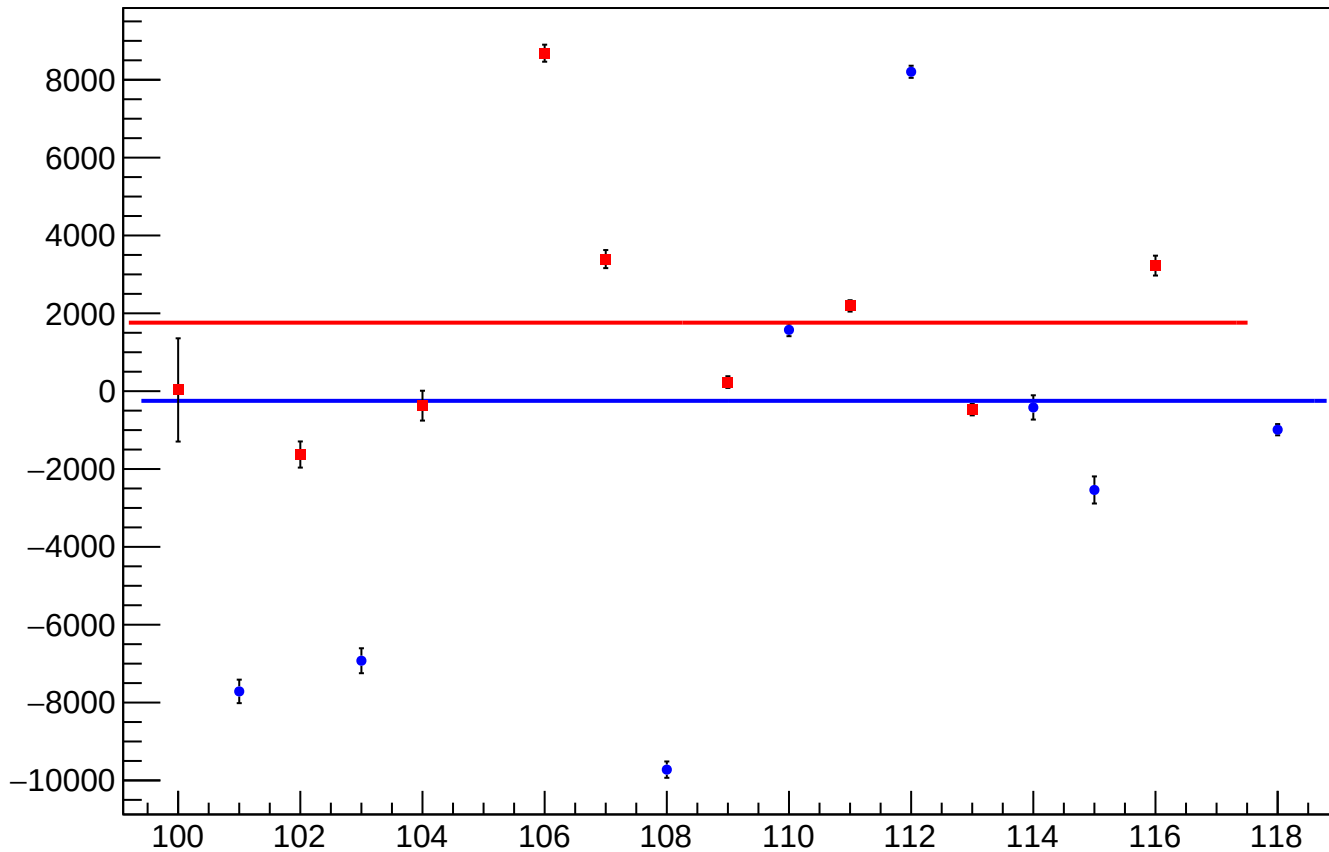
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.646 $\pm$ 0.059 χ^2 /NDF: 1225264.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug



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: 1760.005+/-69.167 χ^2/NDF : 1562.4/8

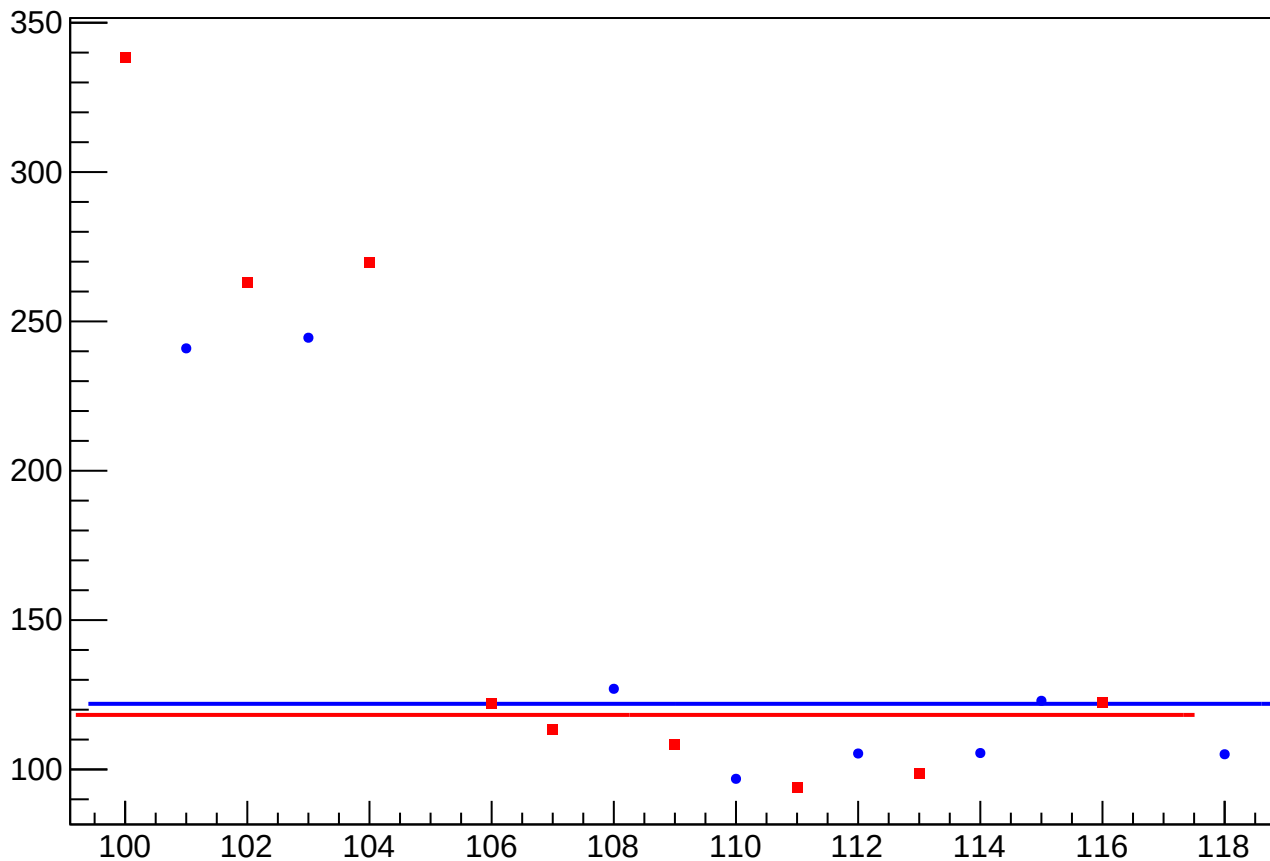
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 805.243+/-50.098 χ^2/NDF : 8202.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



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: 118.256 $\pm$ 0.049 χ^2 /NDF: 842044.1/8

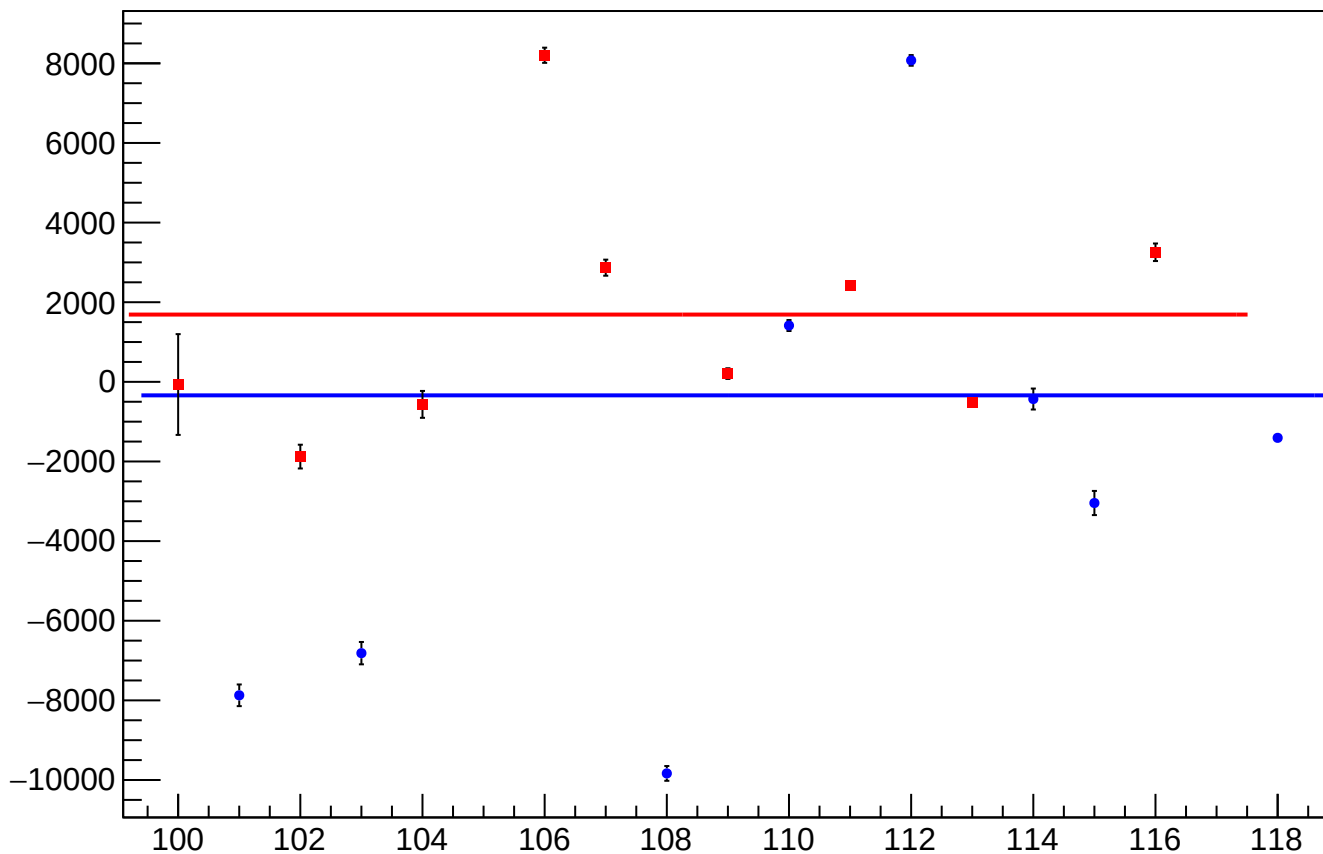
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.020 $\pm$ 0.035 χ^2 /NDF: 1553267.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



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: 1689.706+/-59.538 χ^2/NDF : 1923.2/8

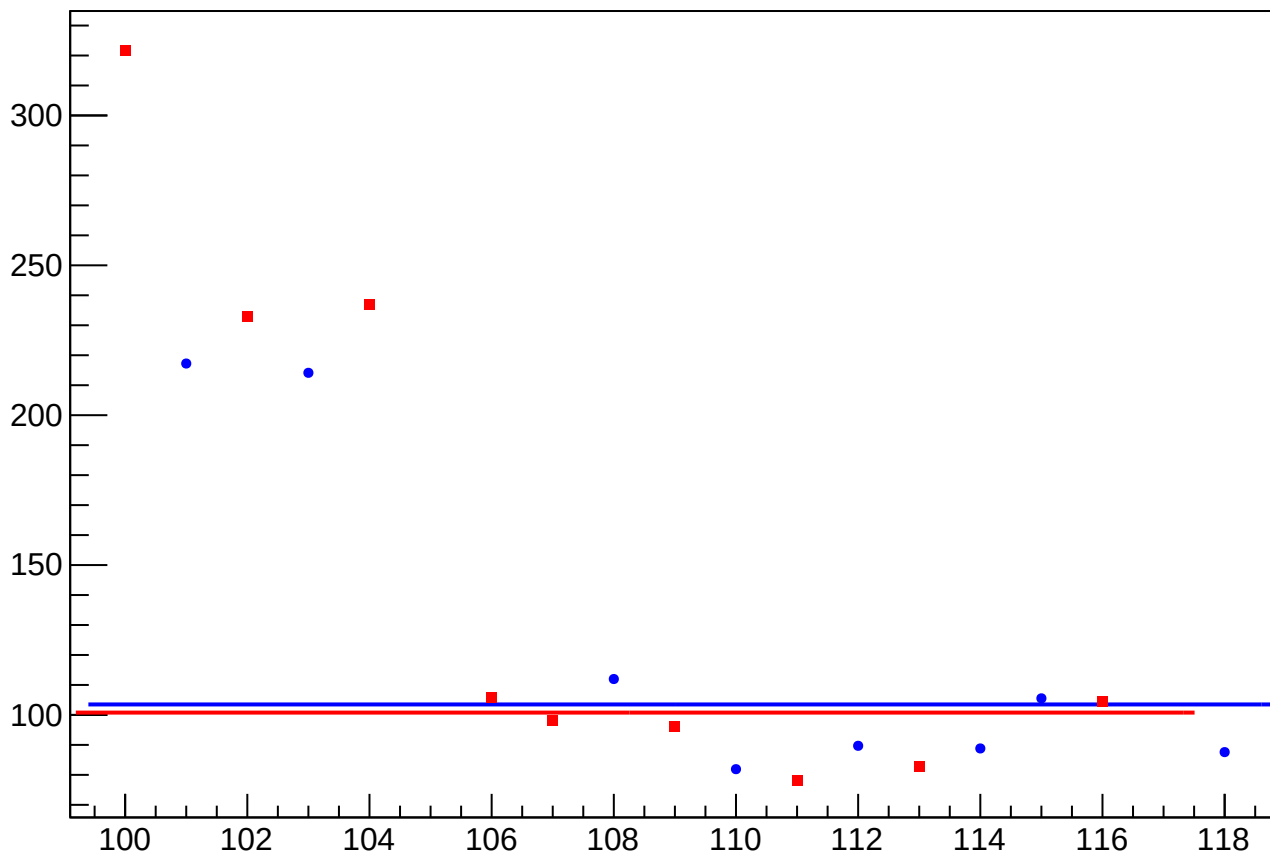
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 721.409+/-43.047 χ^2/NDF : 10678.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



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: 100.777+/-0.042 χ^2/NDF : 894664.3/8

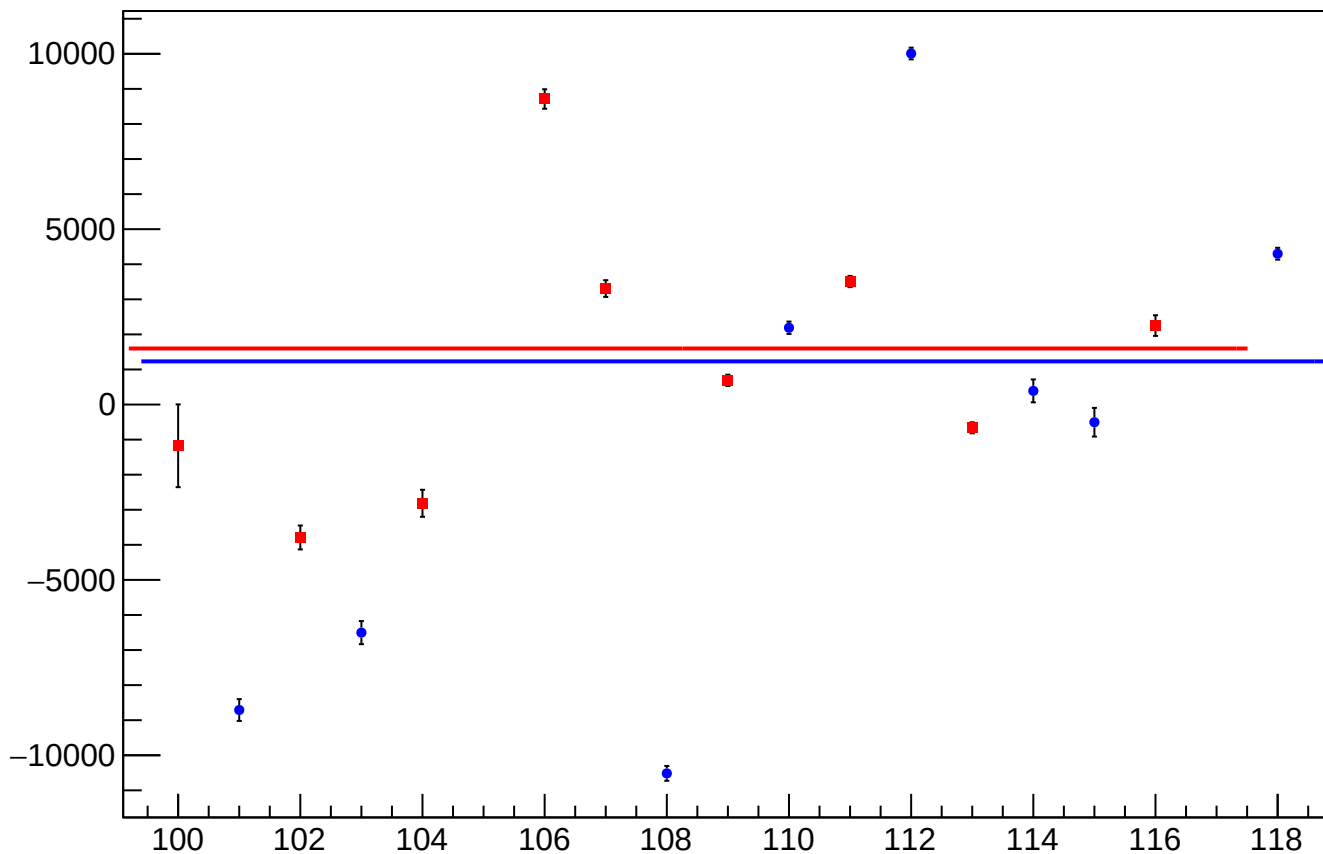
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.075+/-0.030 χ^2/NDF : 1671922.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



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: 1598.184+/-75.168 χ^2/NDF : 1482.7/8

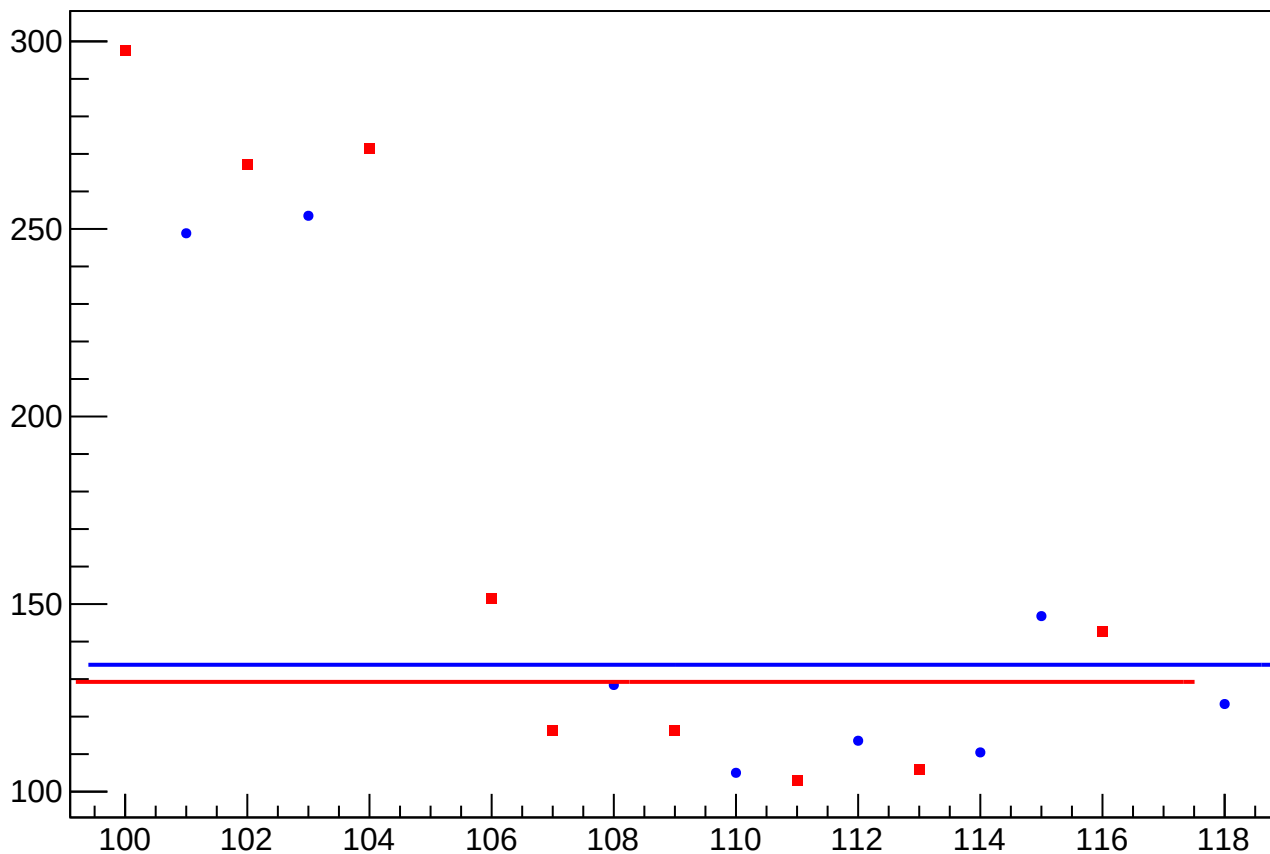
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1423.291+/-54.429 χ^2/NDF : 9292.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



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: 129.259+/-0.053 χ^2/NDF : 774049.5/8

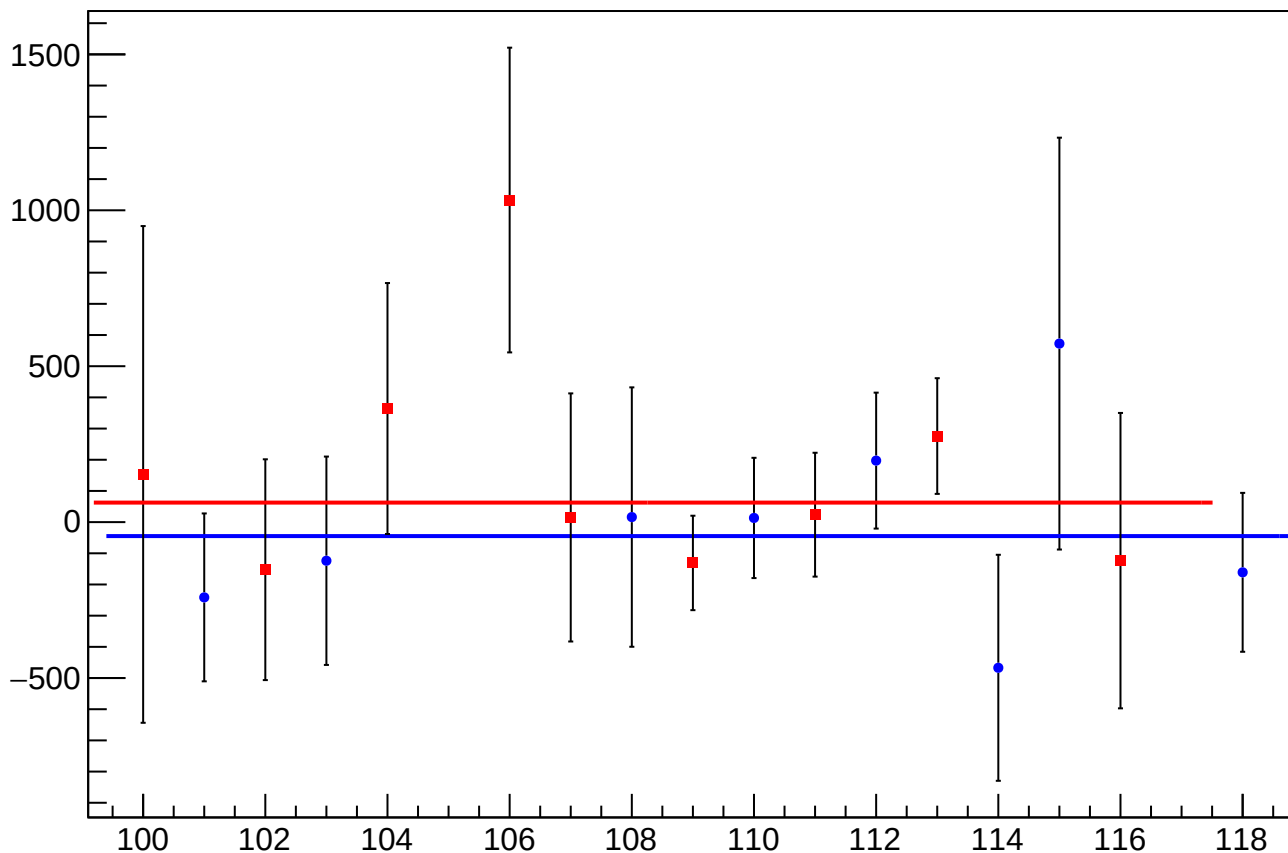
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.429+/-0.038 χ^2/NDF : 1419394.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -44.794+/-99.118 χ^2/NDF : 4.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.613+/-88.141 χ^2/NDF : 8.1/8

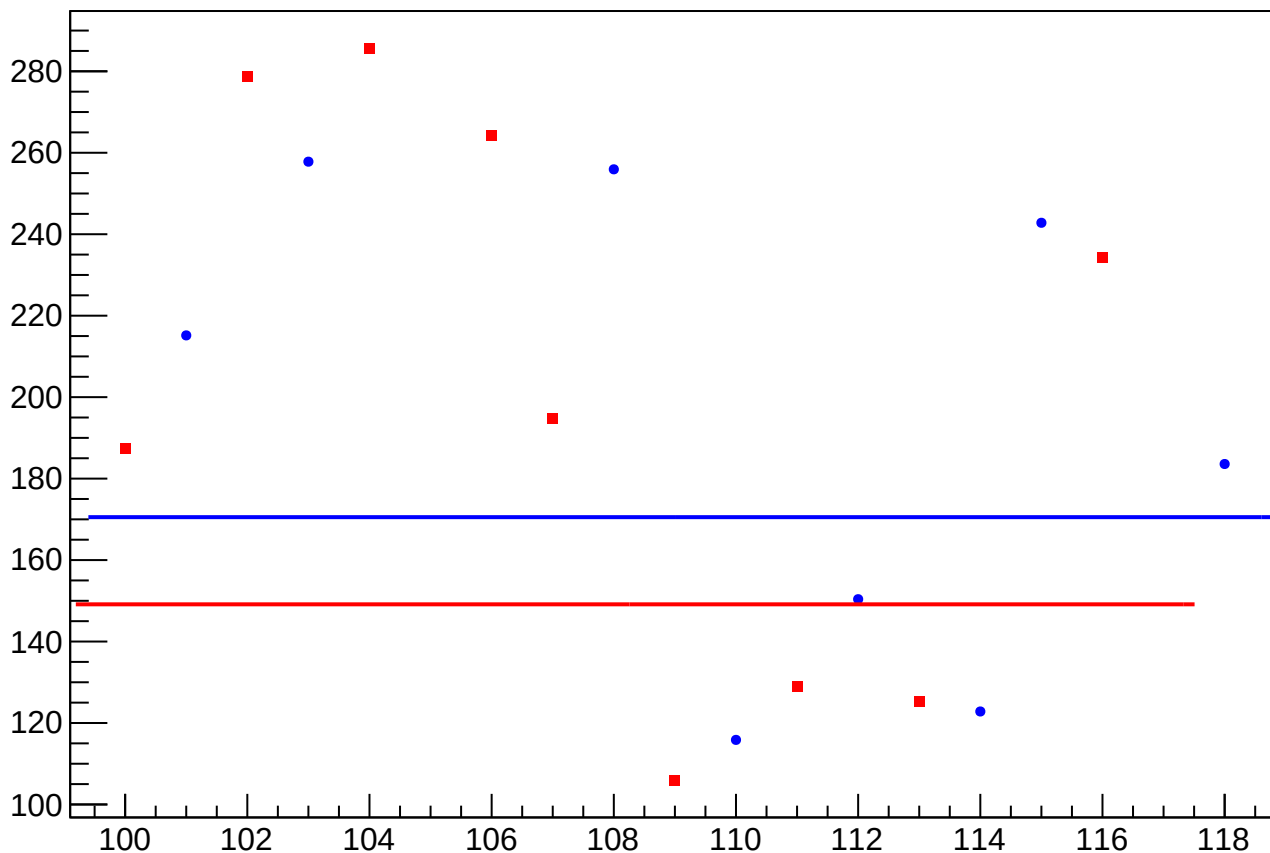
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.184+/-65.865 χ^2/NDF : 13.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



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: 149.136 $\pm$ 0.062 χ^2 /NDF: 921133.1/8

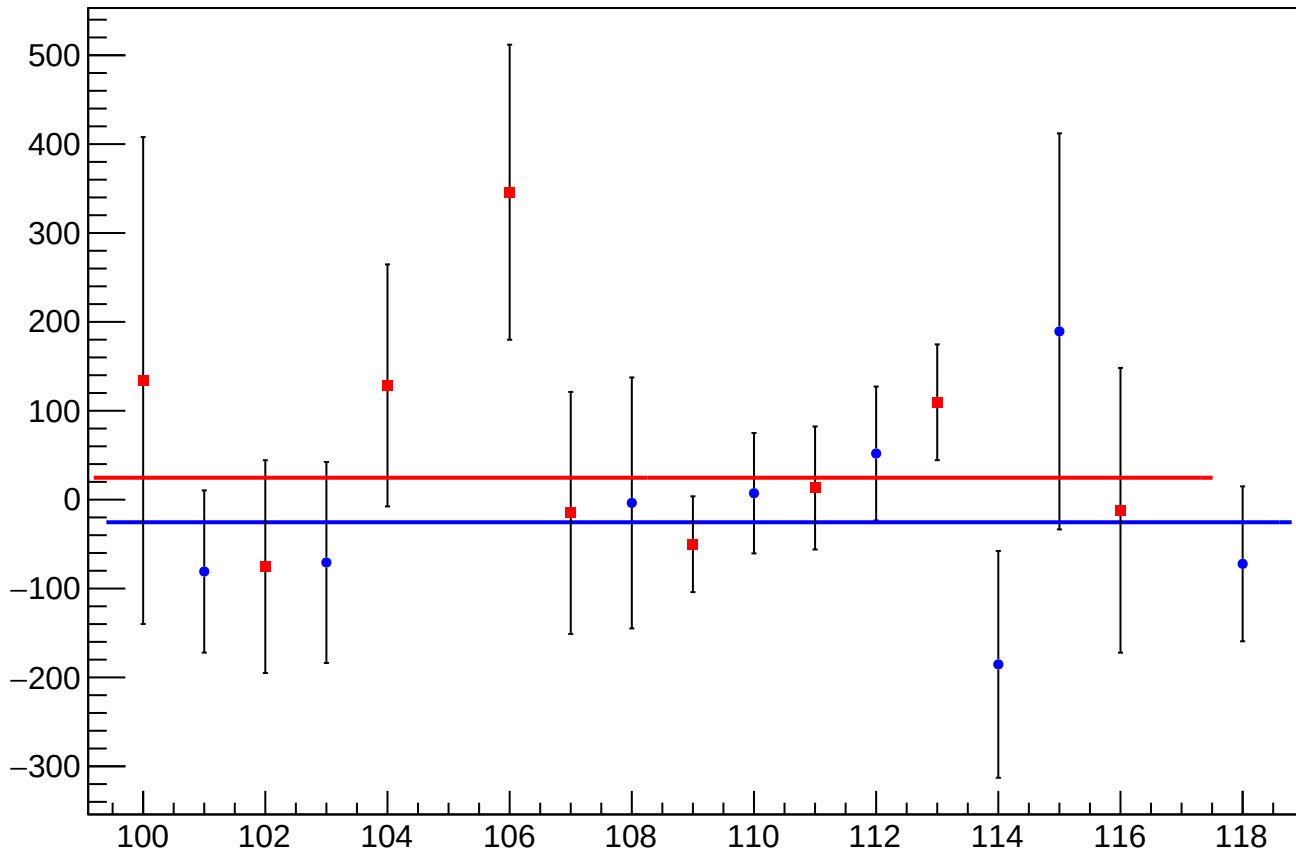
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.587 $\pm$ 0.047 χ^2 /NDF: 1490722.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



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: 24.663 $\pm$ 30.784 χ^2 /NDF: 9.0/8

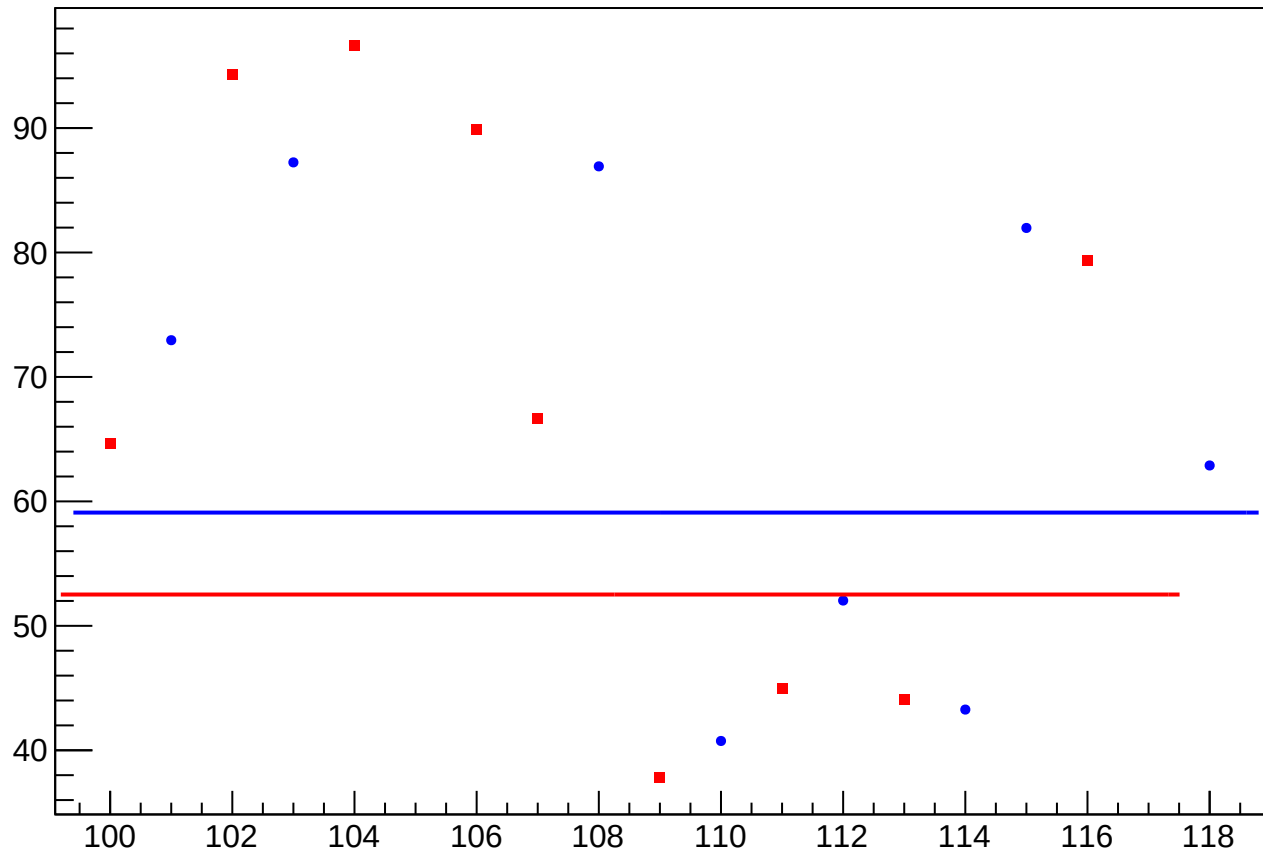
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.226 $\pm$ 22.874 χ^2 /NDF: 14.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 59.101 $\pm$ 0.024 χ^2 /NDF: 467743.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.517 $\pm$ 0.022 χ^2 /NDF: 841983.3/8

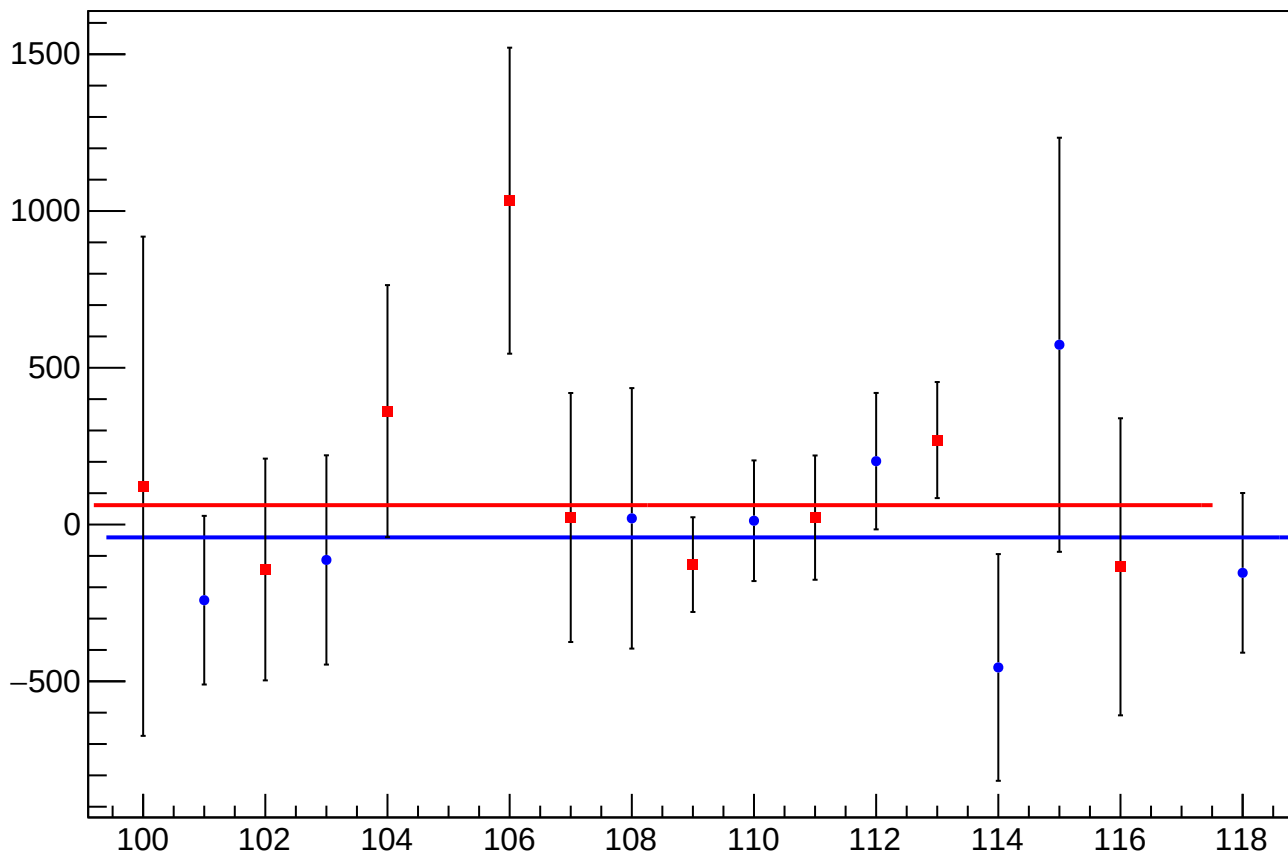
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.465 $\pm$ 0.016 χ^2 /NDF: 1350705.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



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: 61.827+/-87.973 χ^2/NDF : 7.9/8

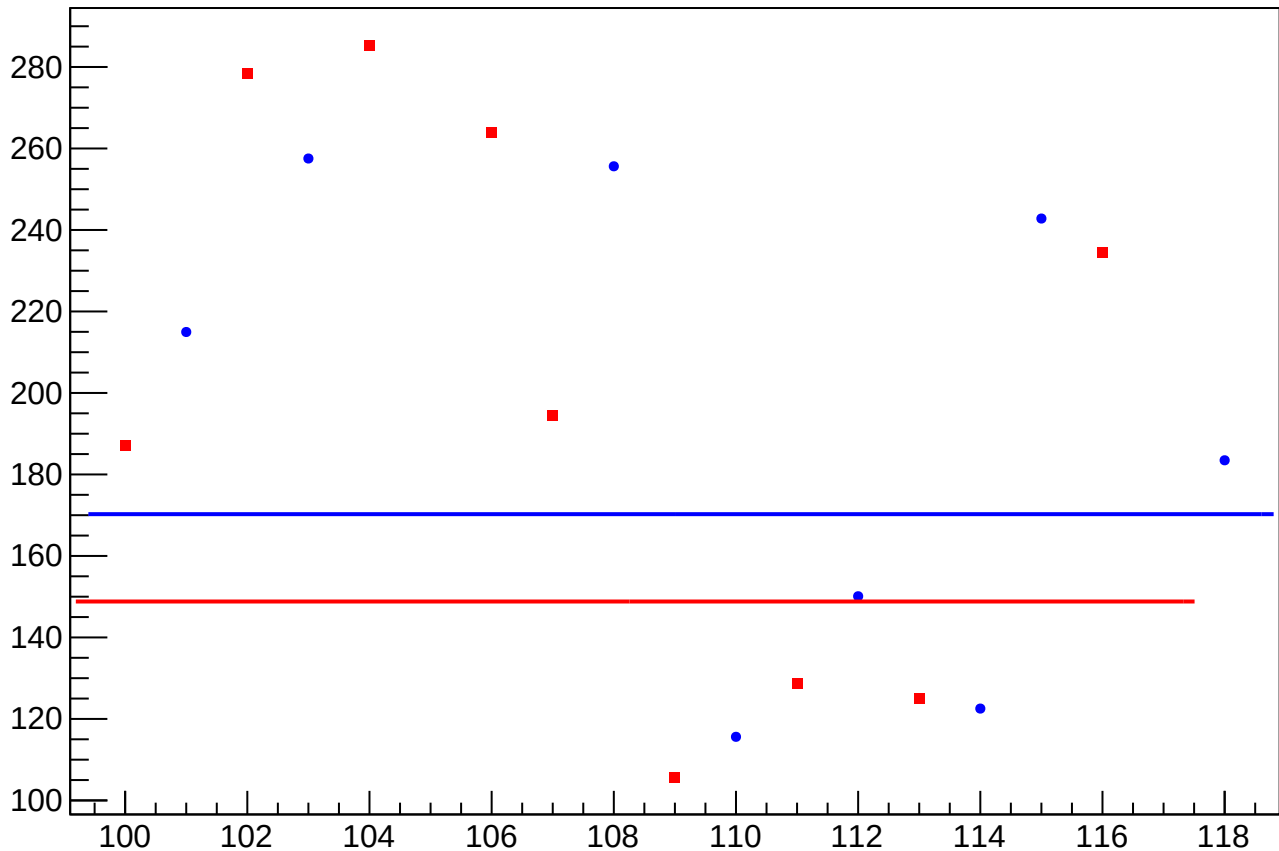
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.456+/-65.752 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



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: 148.819+/-0.062 χ^2/NDF : 923457.8/8

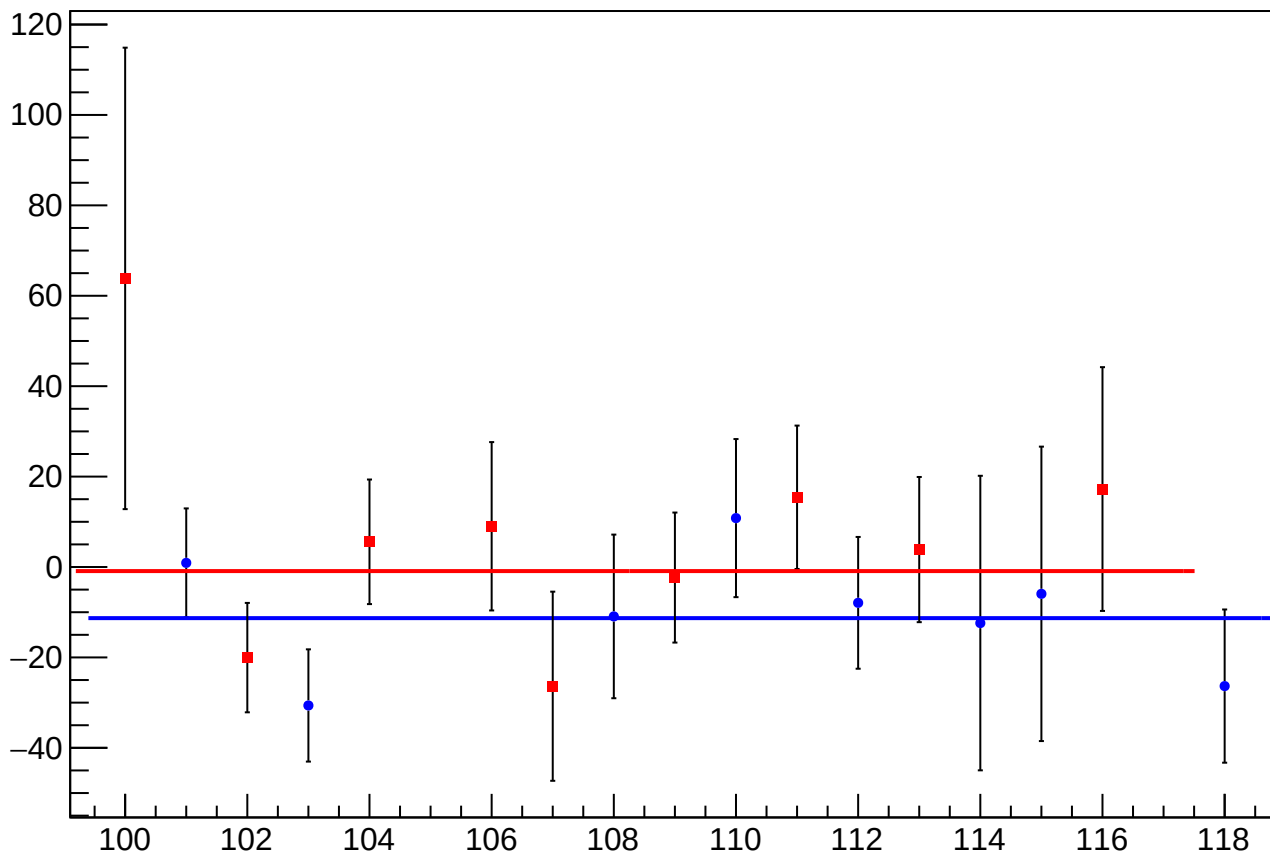
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.280+/-0.046 χ^2/NDF : 1495201.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



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: -0.901 $\pm$ 5.615 χ^2 /NDF: 7.7/8

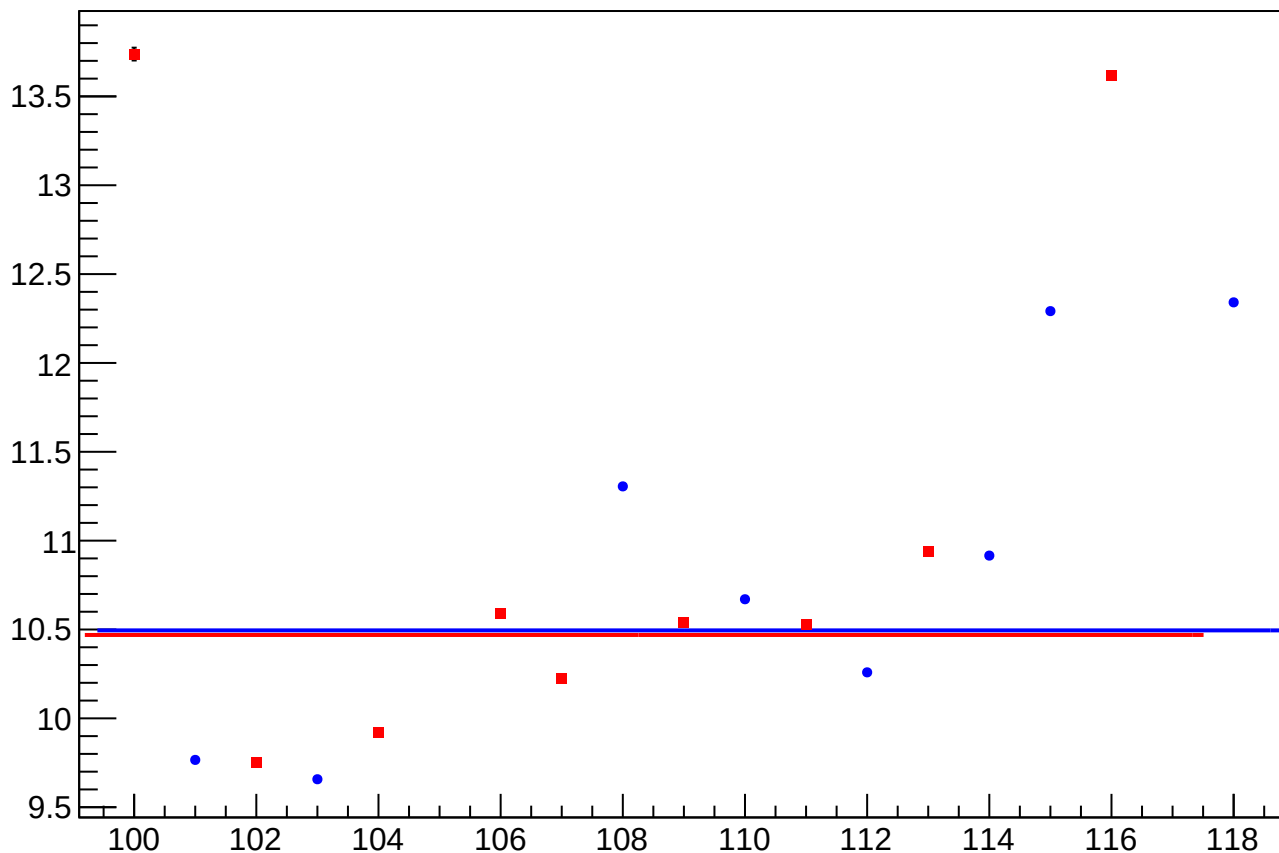
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.940 $\pm$ 4.033 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



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: 10.469+/-0.004 χ^2/NDF : 47854.6/8

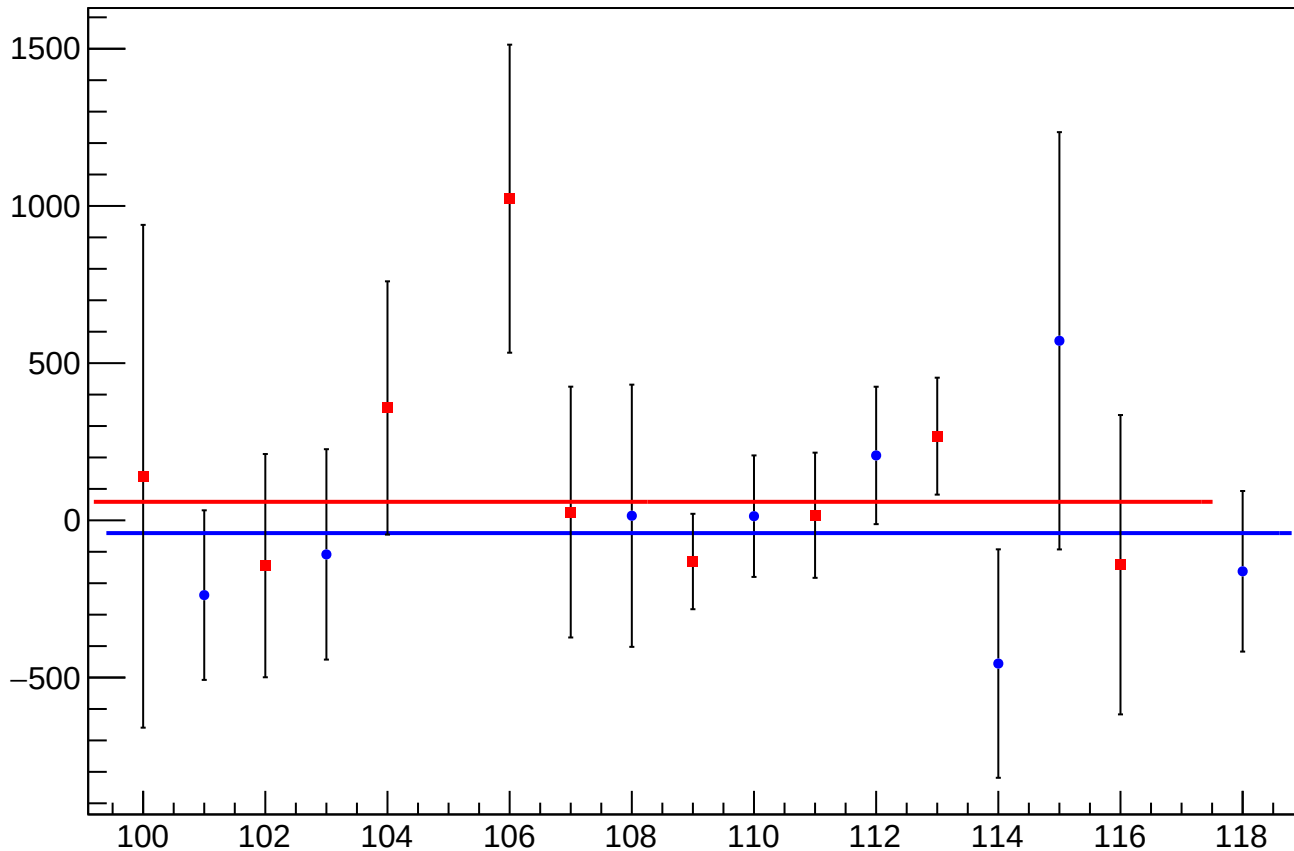
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.482+/-0.003 χ^2/NDF : 99185.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



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: 58.921+/-88.352 χ^2/NDF : 7.8/8

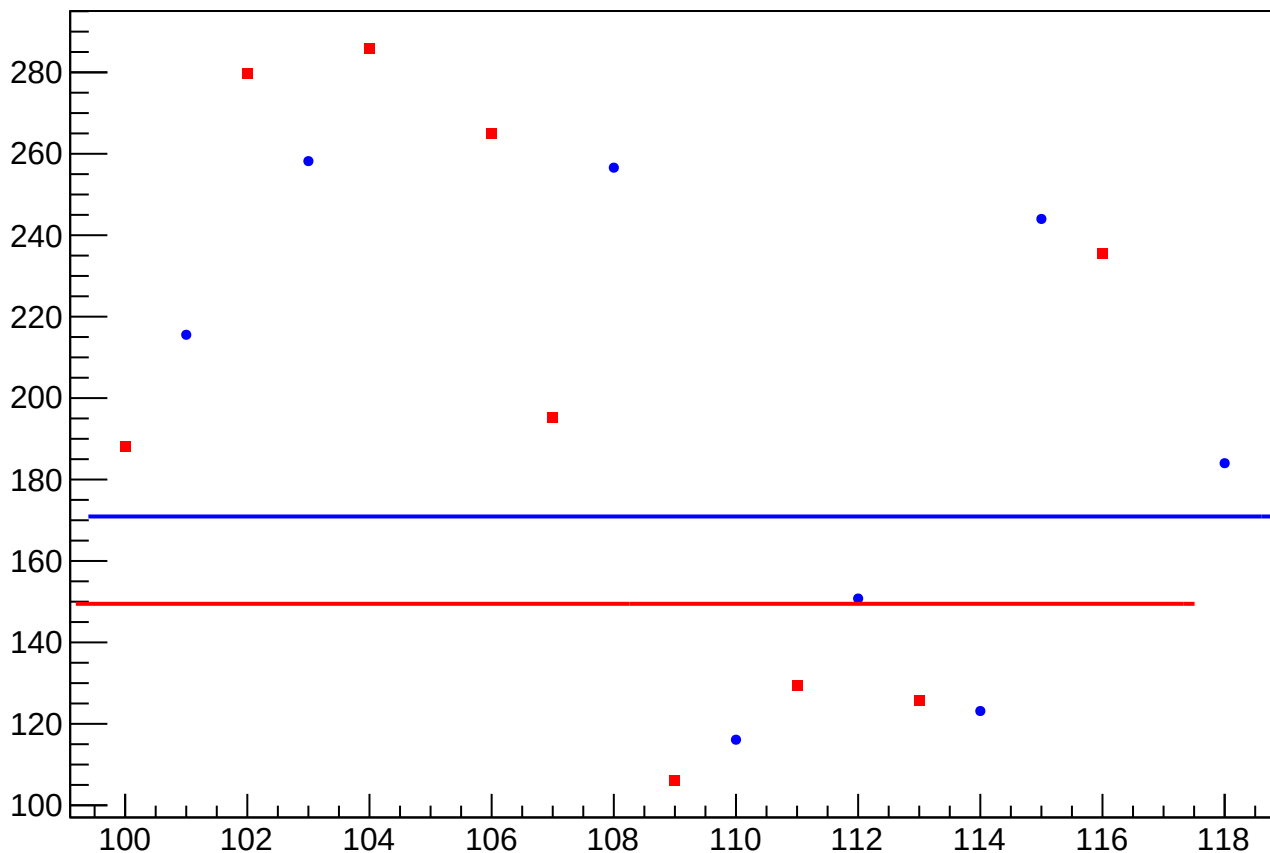
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.980+/-66.020 χ^2/NDF : 12.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 170.927 $\pm$ 0.070 χ^2 /NDF: 517263.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.478 $\pm$ 0.062 χ^2 /NDF: 921900.7/8

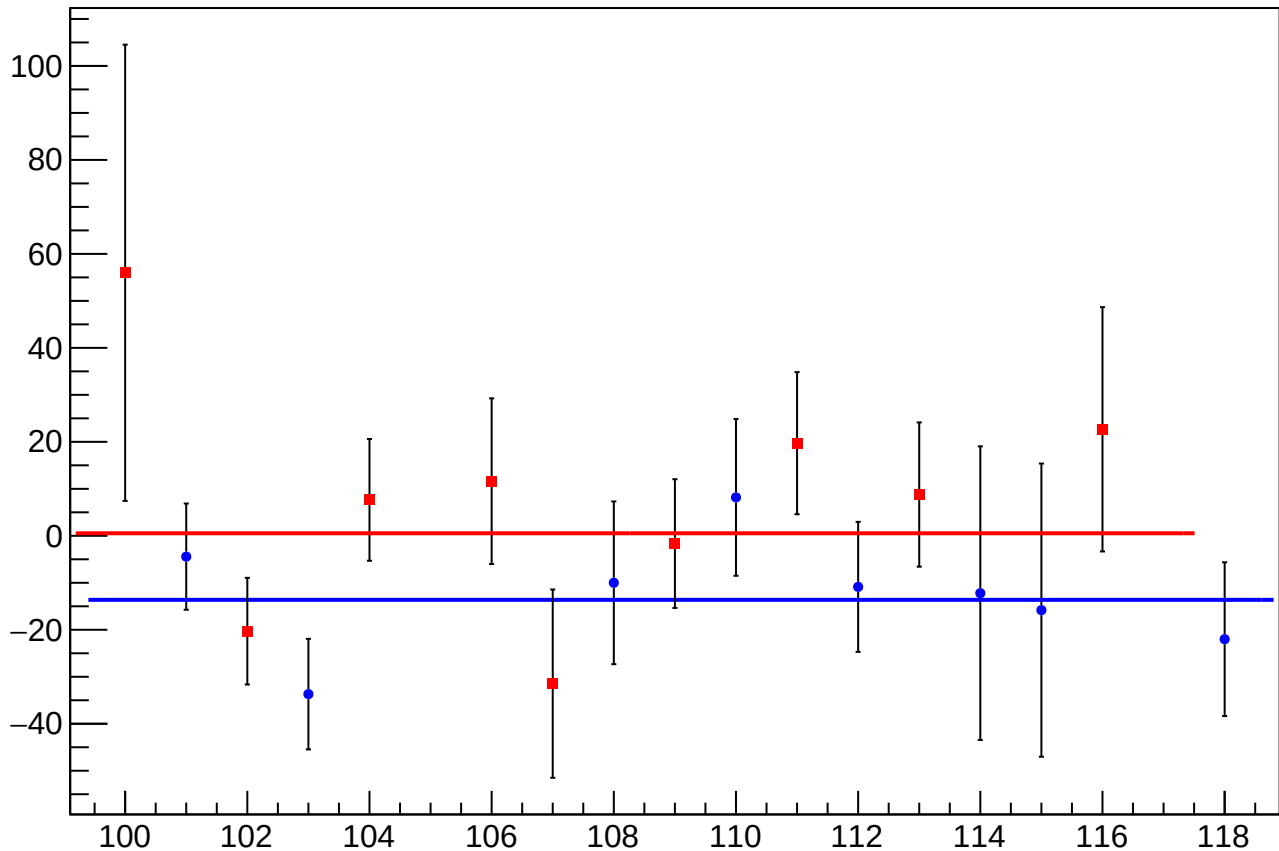
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.950 $\pm$ 0.047 χ^2 /NDF: 1491216.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -13.630+/-5.506 χ^2/NDF : 5.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.538+/-5.324 χ^2/NDF : 10.6/8

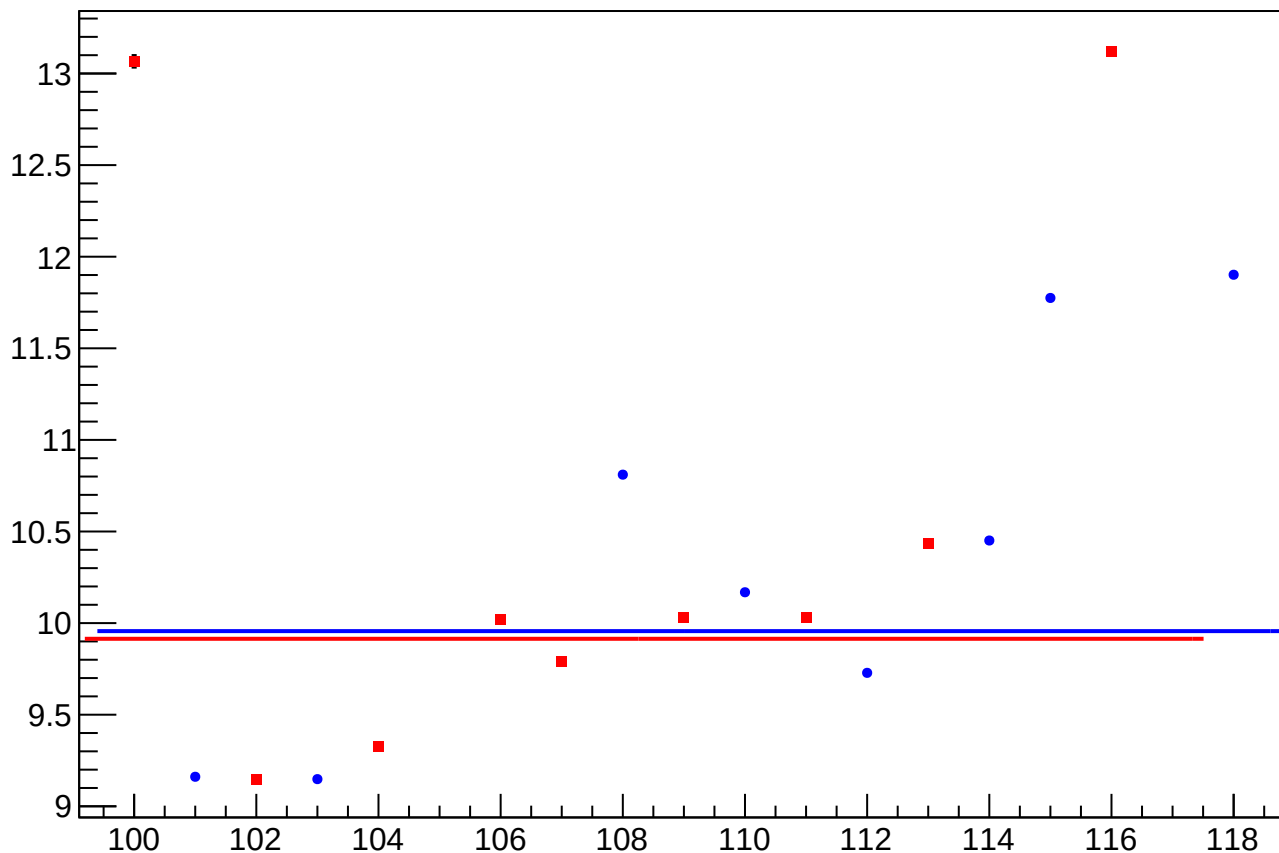
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.309+/-3.827 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



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: 9.914+/-0.004 χ^2/NDF : 54853.3/8

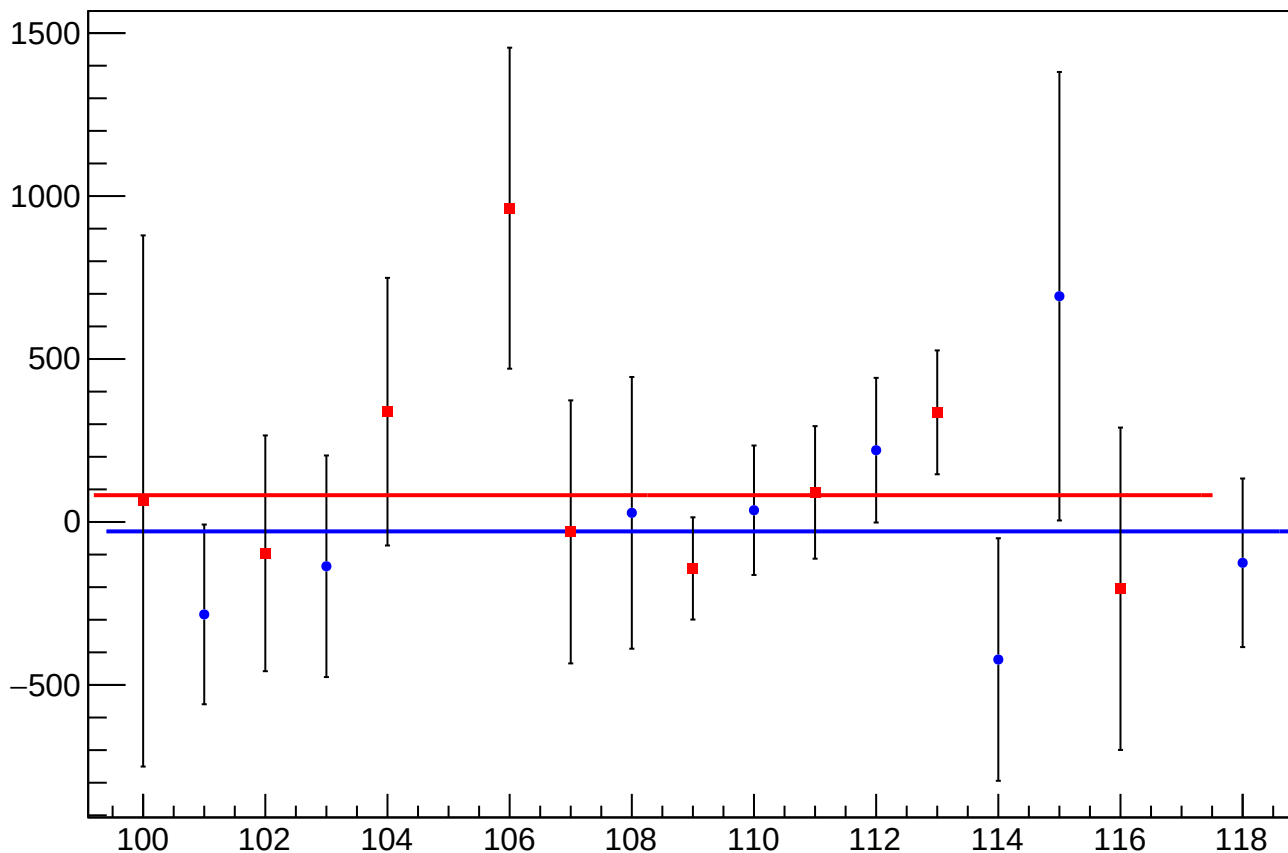
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.935+/-0.003 χ^2/NDF : 115516.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -28.871 $\pm$ 101.266 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.240 $\pm$ 90.554 χ^2 /NDF: 8.1/8

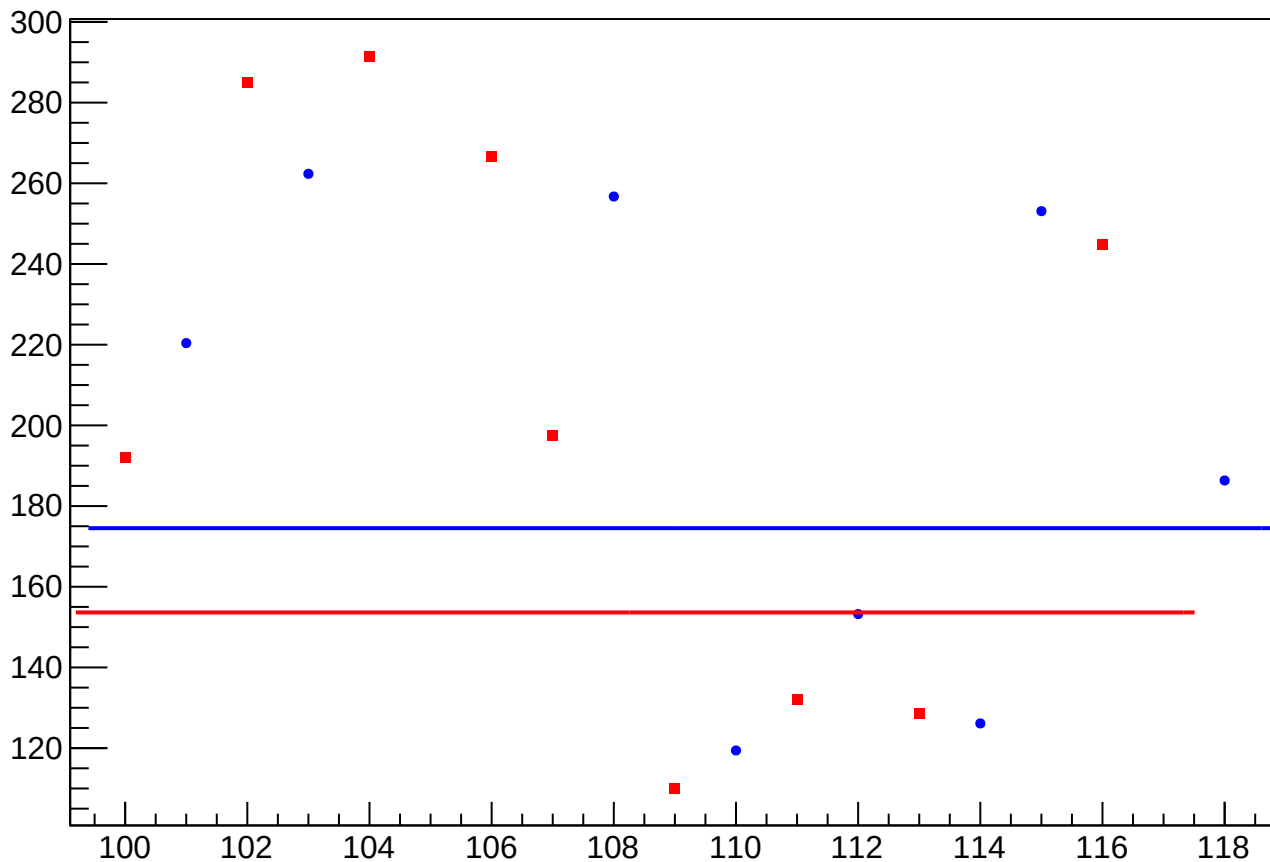
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.870 $\pm$ 67.502 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



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: 153.638 $\pm$ 0.064 χ^2 /NDF: 901638.9/8

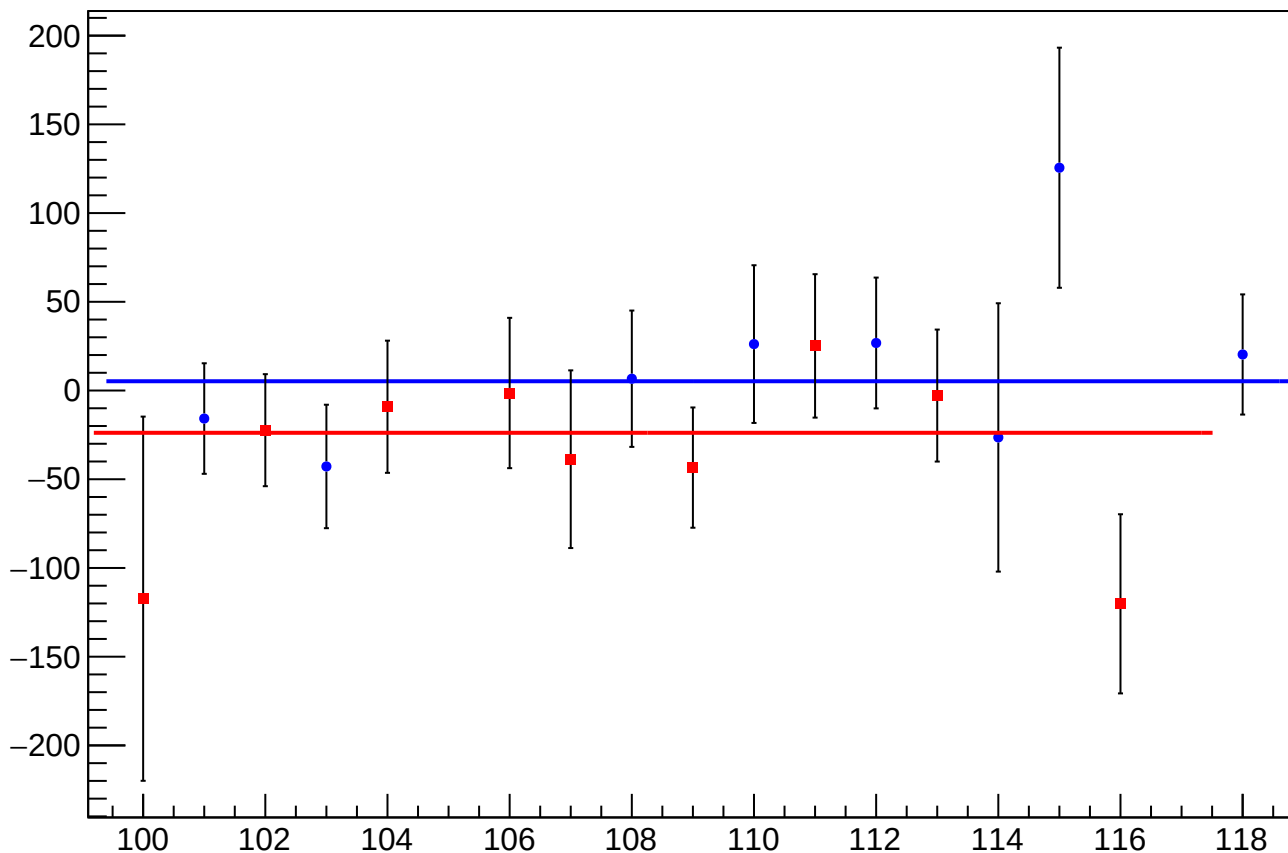
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.917 $\pm$ 0.048 χ^2 /NDF: 1452061.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



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: -23.823+/-13.641 χ^2/NDF : 7.1/8

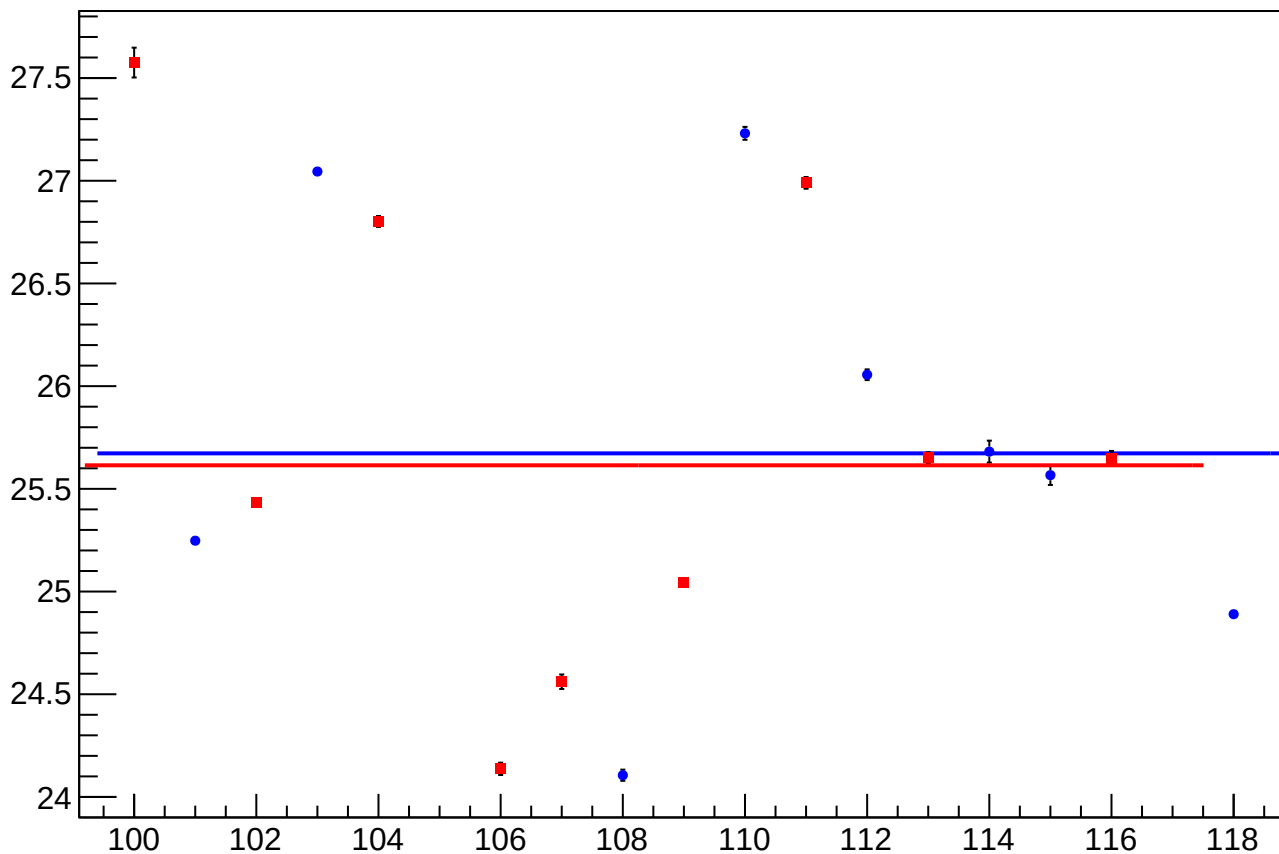
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.759+/-9.798 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



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: 25.615+/-0.010 χ^2/NDF : 9036.3/8

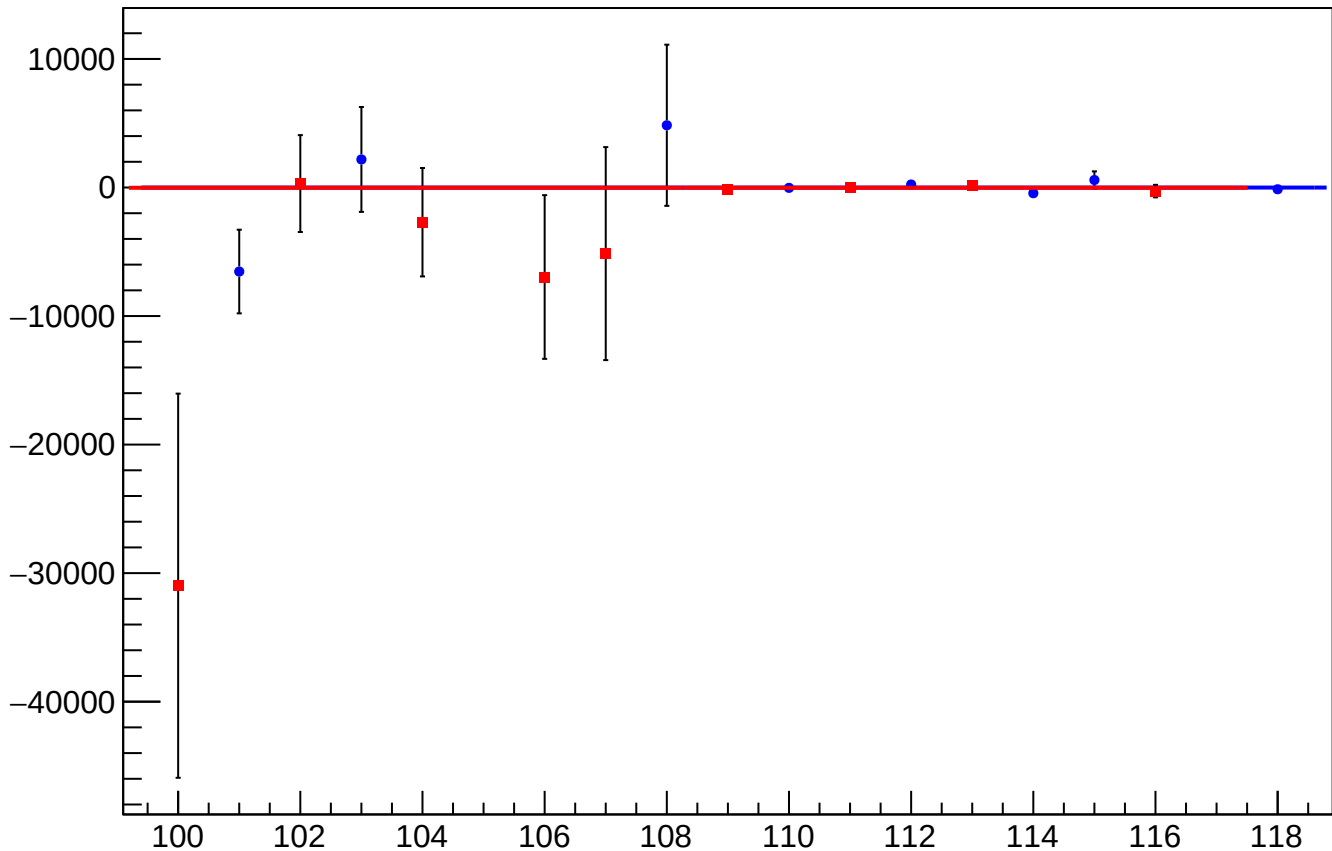
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.643+/-0.007 χ^2/NDF : 19614.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



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: -21.931+/-110.578 χ^2/NDF : 7.9/8

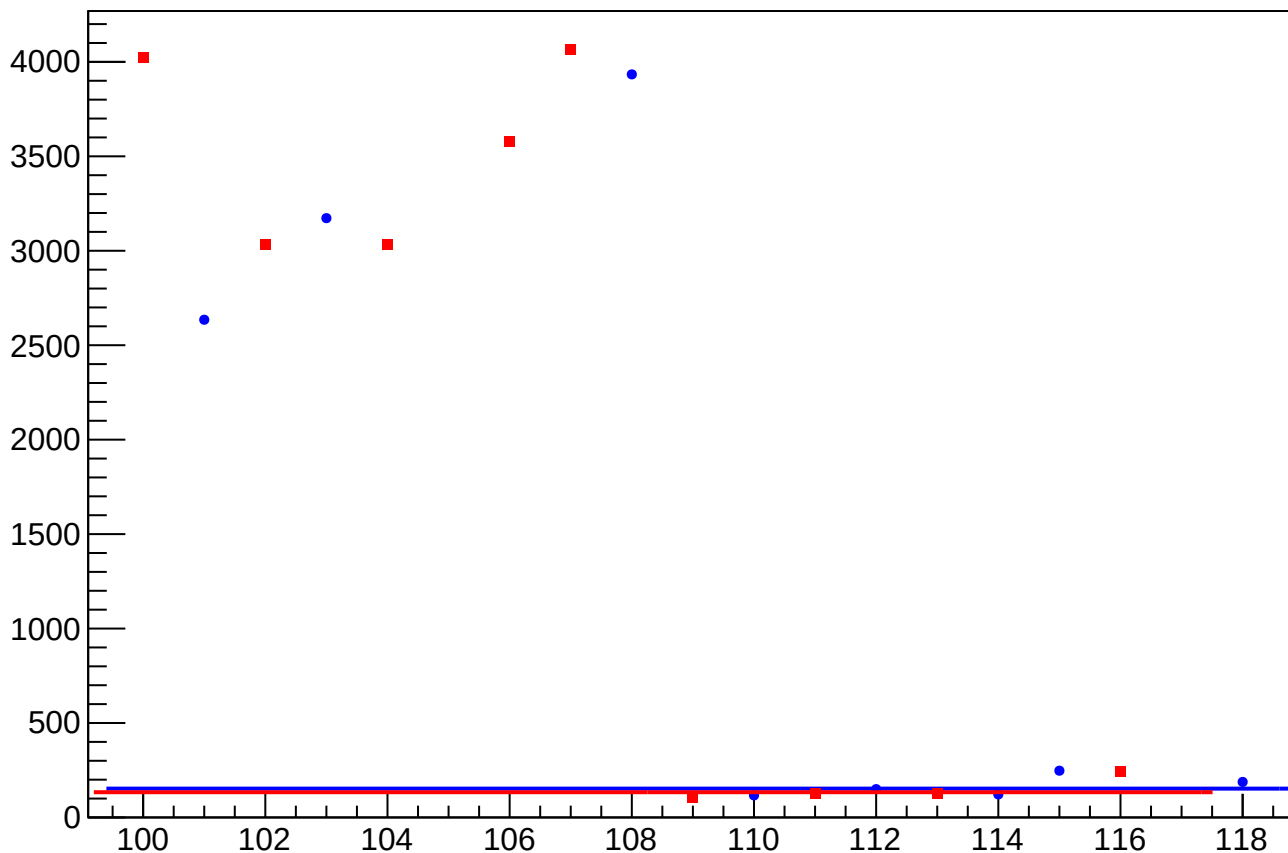
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.709+/-80.496 χ^2/NDF : 16.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



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: 133.616 $\pm$ 0.078 χ^2 /NDF: 3438398.4/8

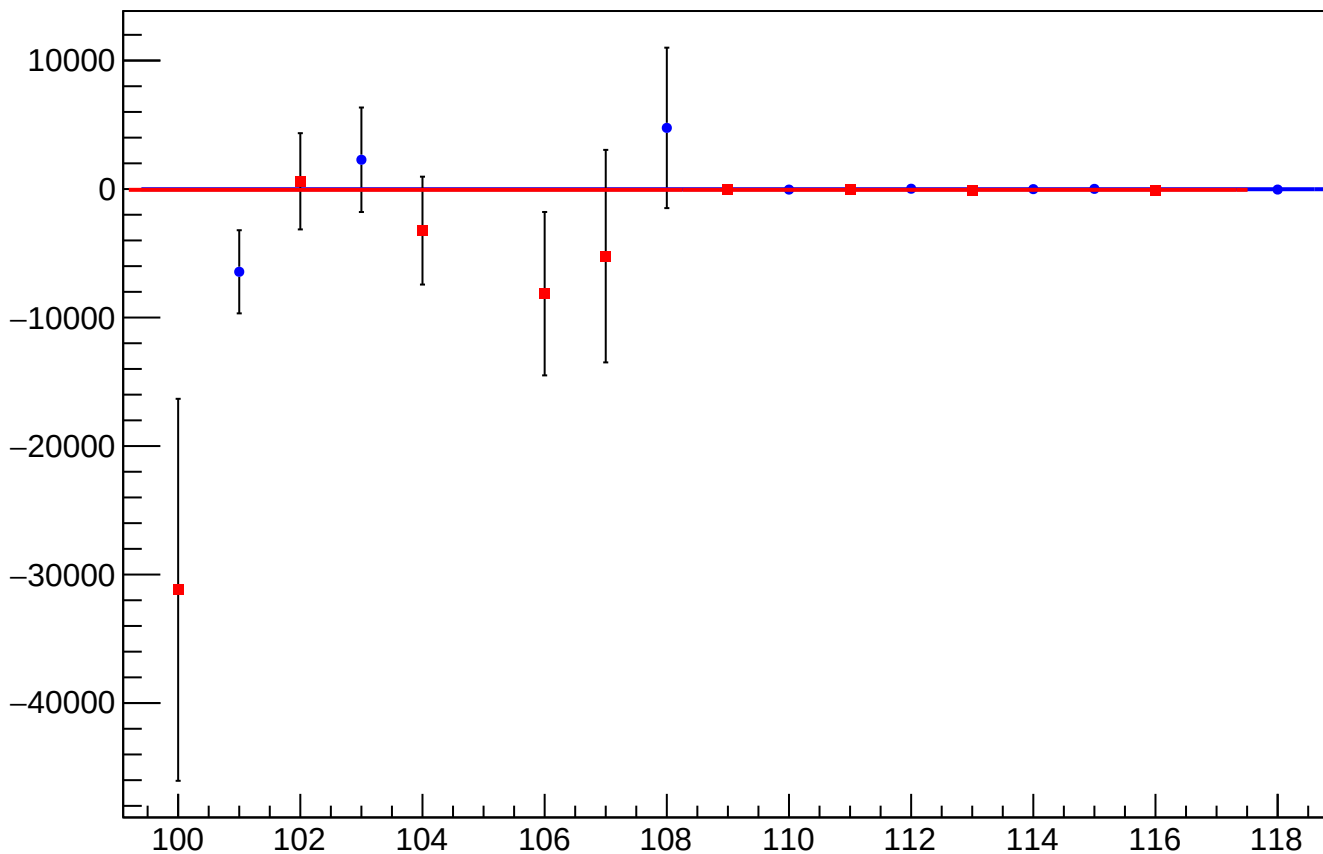
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.557 $\pm$ 0.057 χ^2 /NDF: 6613352.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



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: -61.758 $\pm$ 22.730 χ^2 /NDF: 10.0/8

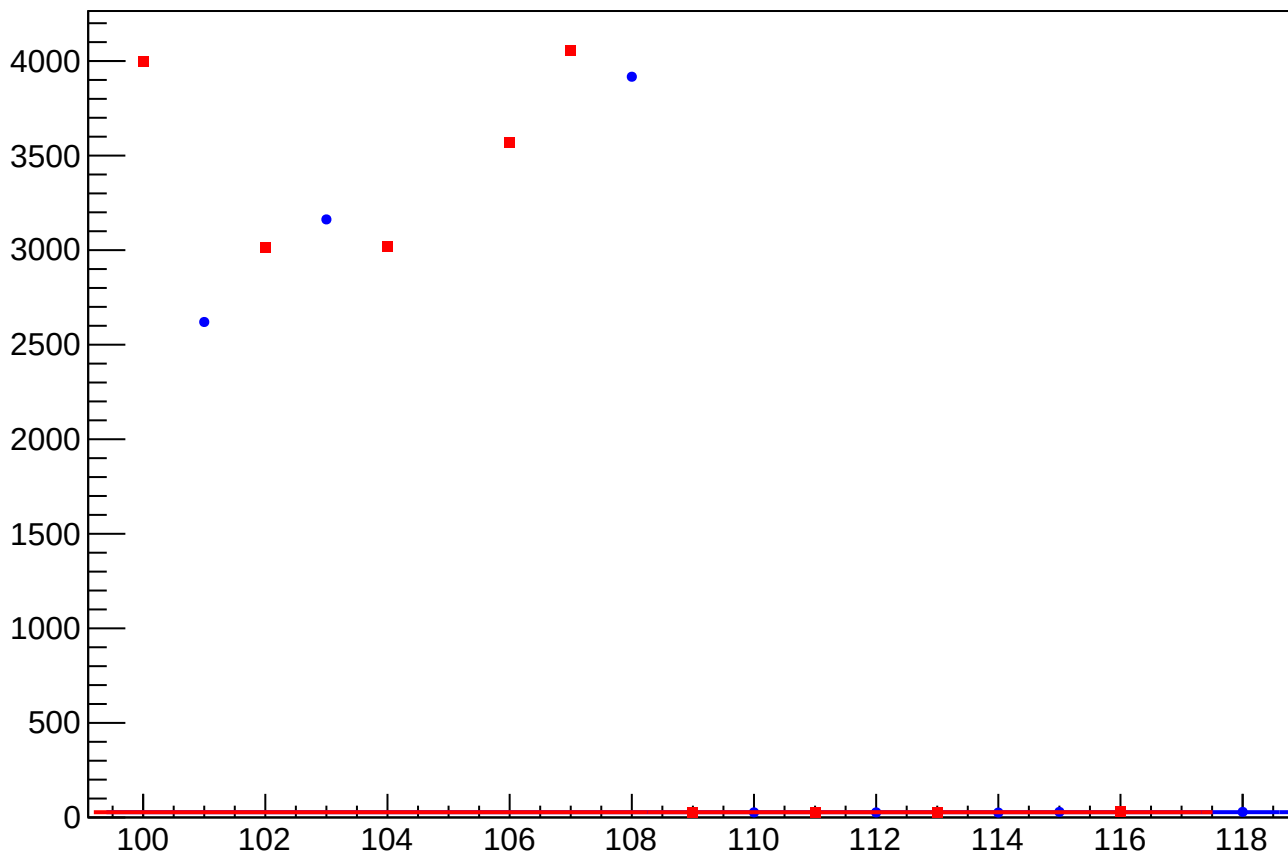
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.391 $\pm$ 15.589 χ^2 /NDF: 19.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



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: 27.633+/-0.016 χ^2/NDF : 3537265.8/8

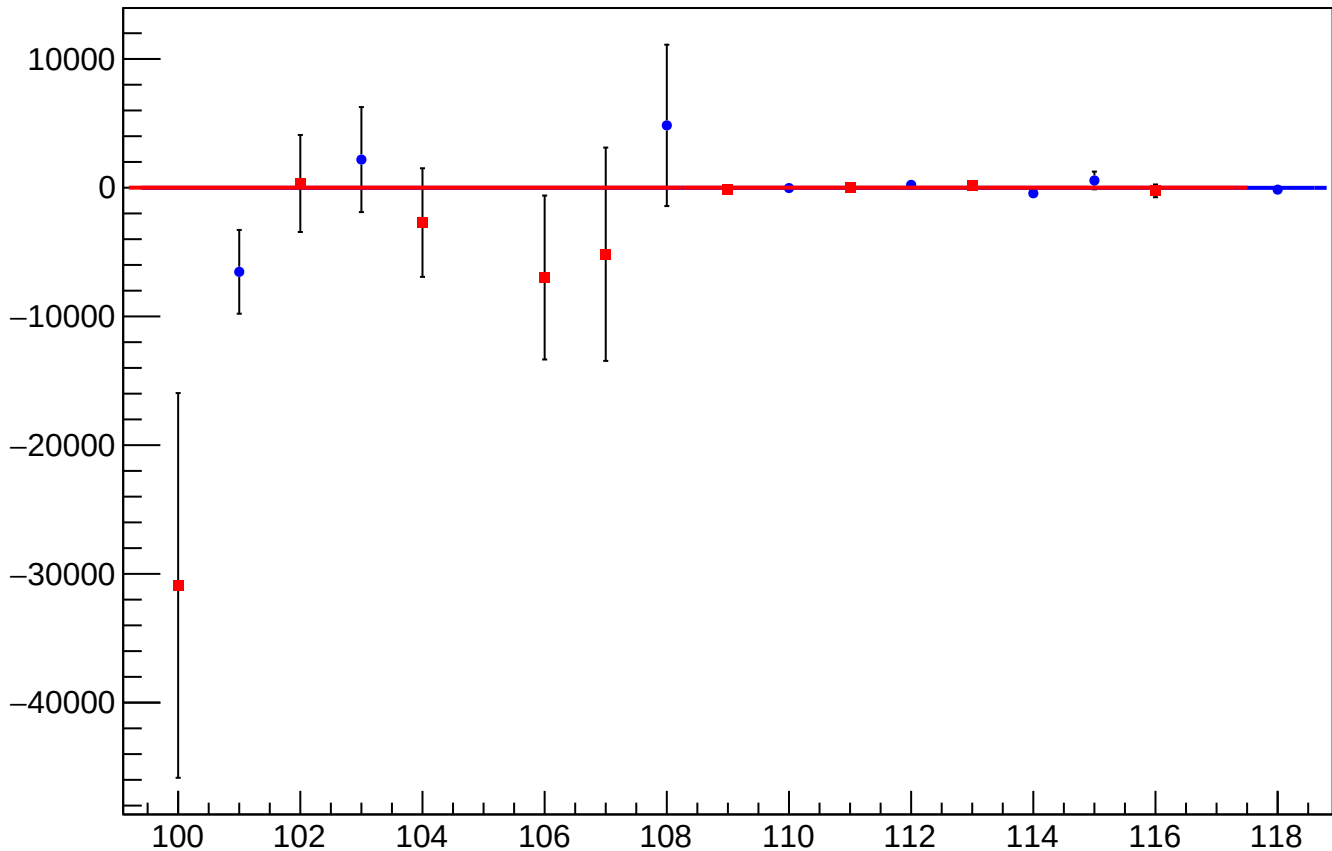
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.784+/-0.011 χ^2/NDF : 6794123.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



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: 4.031+/-111.607 χ^2/NDF : 8.2/8

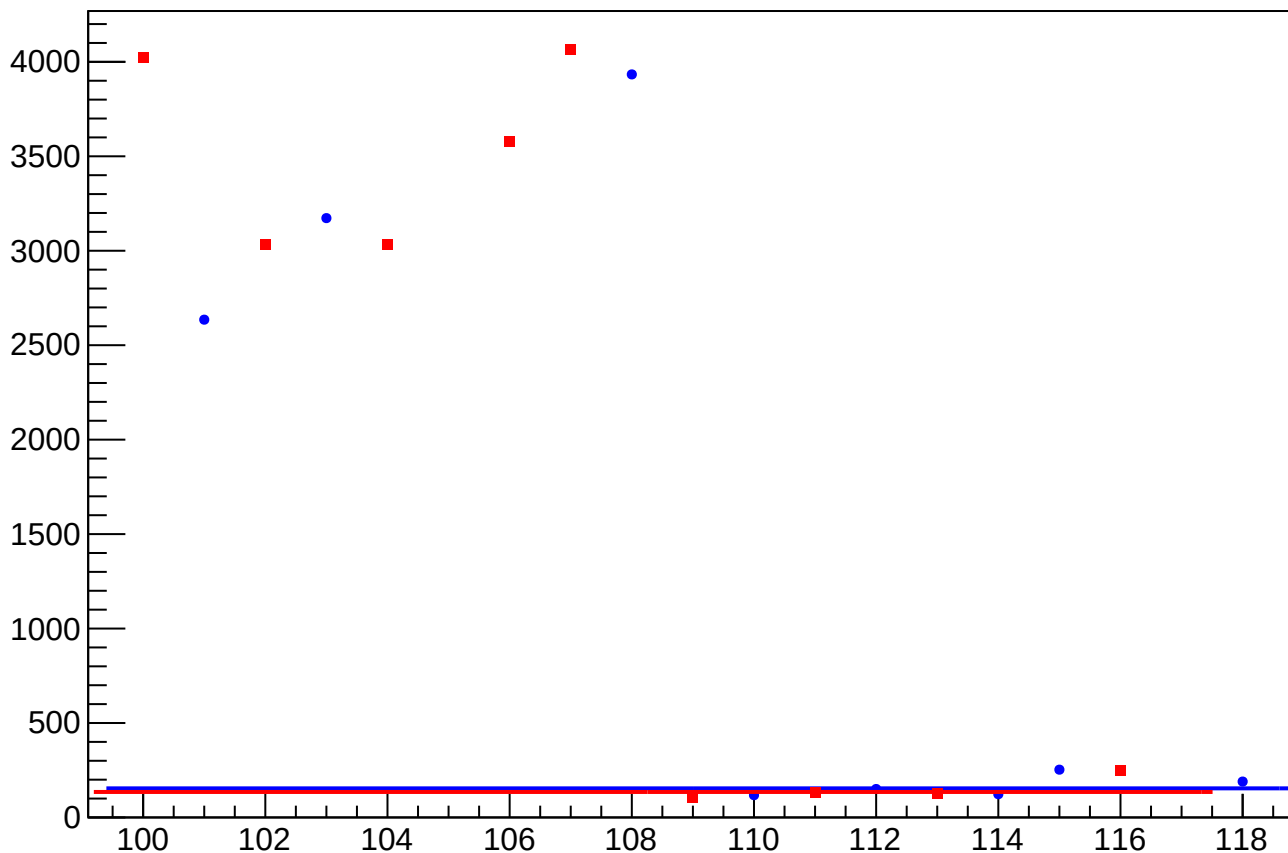
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.811+/-81.226 χ^2/NDF : 16.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 154.040 $\pm$ 0.084 χ^2 /NDF: 3145823.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 134.946 $\pm$ 0.079 χ^2 /NDF: 3437871.9/8

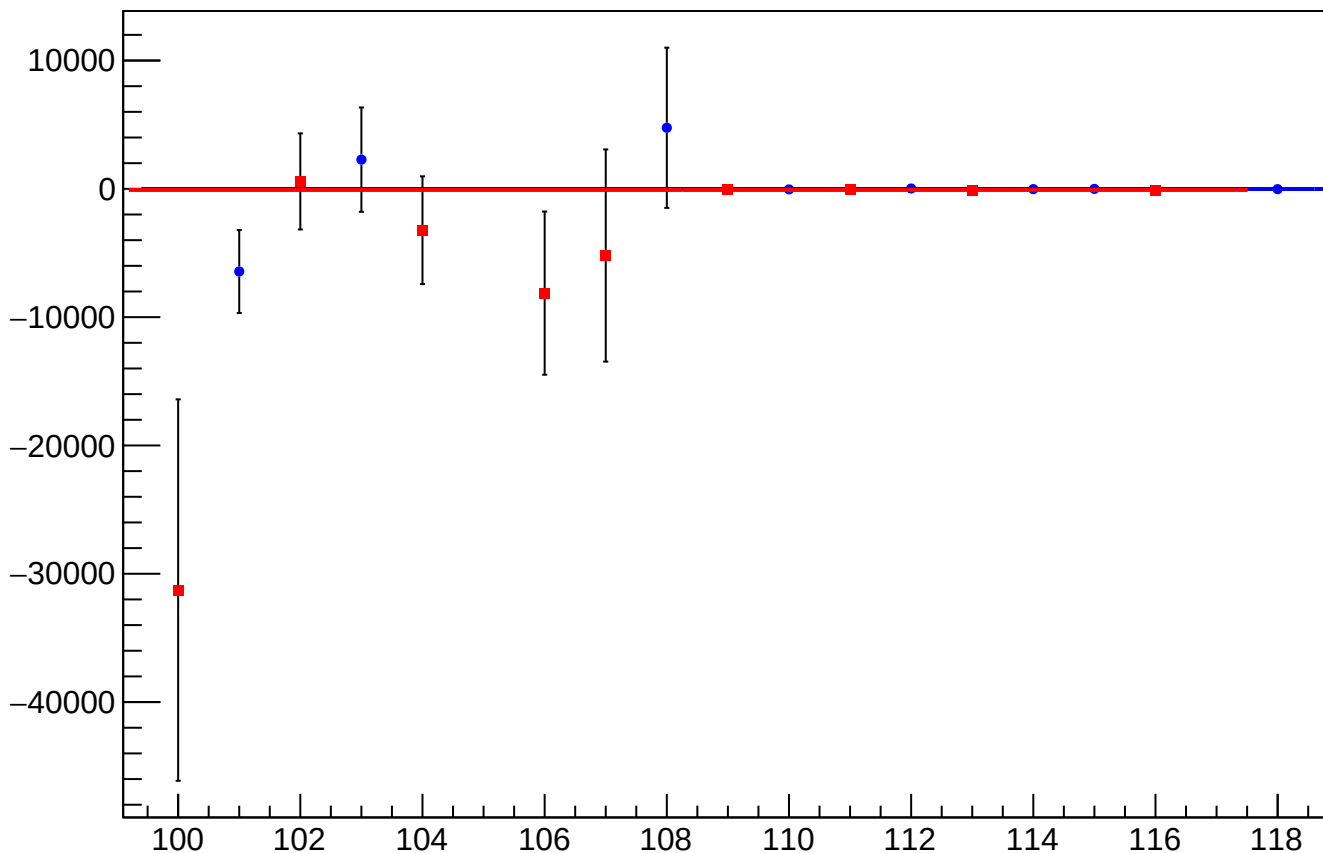
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.926 $\pm$ 0.057 χ^2 /NDF: 6611228.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



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: -86.083+/-26.002 χ^2/NDF : 10.4/8

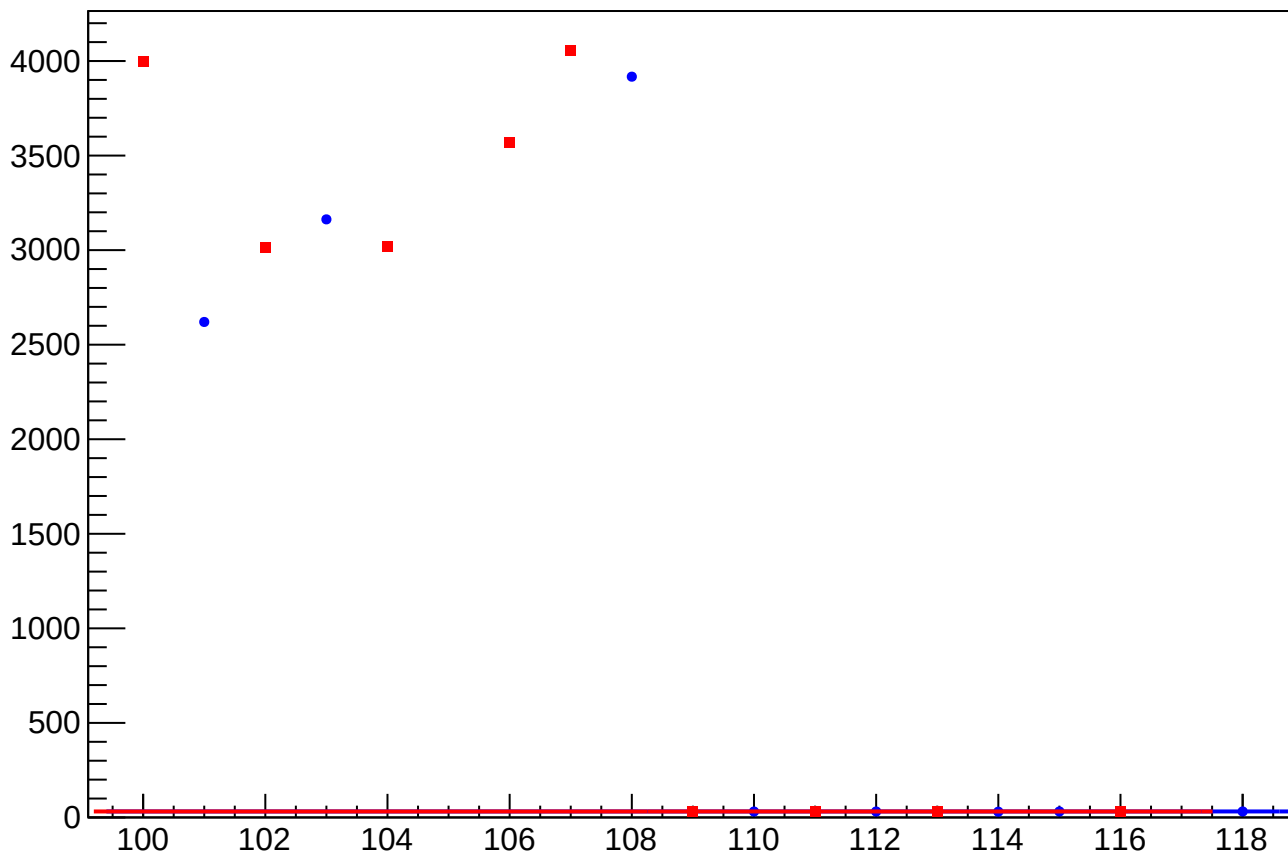
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.097+/-17.758 χ^2/NDF : 20.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



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: 31.707+/-0.018 χ^2/NDF : 3521808.0/8

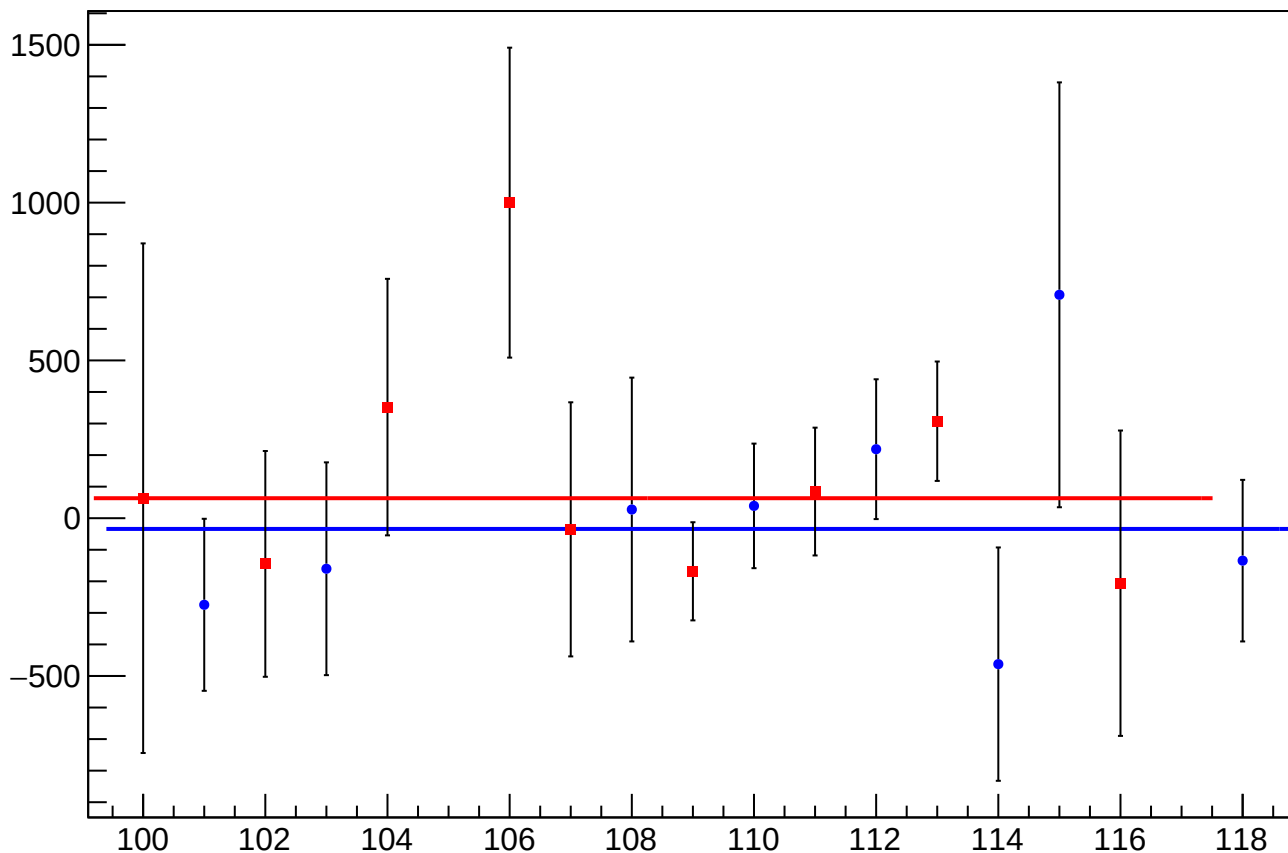
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.741+/-0.013 χ^2/NDF : 6762955.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



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: 63.336 $\pm$ 89.924 χ^2 /NDF: 8.7/8

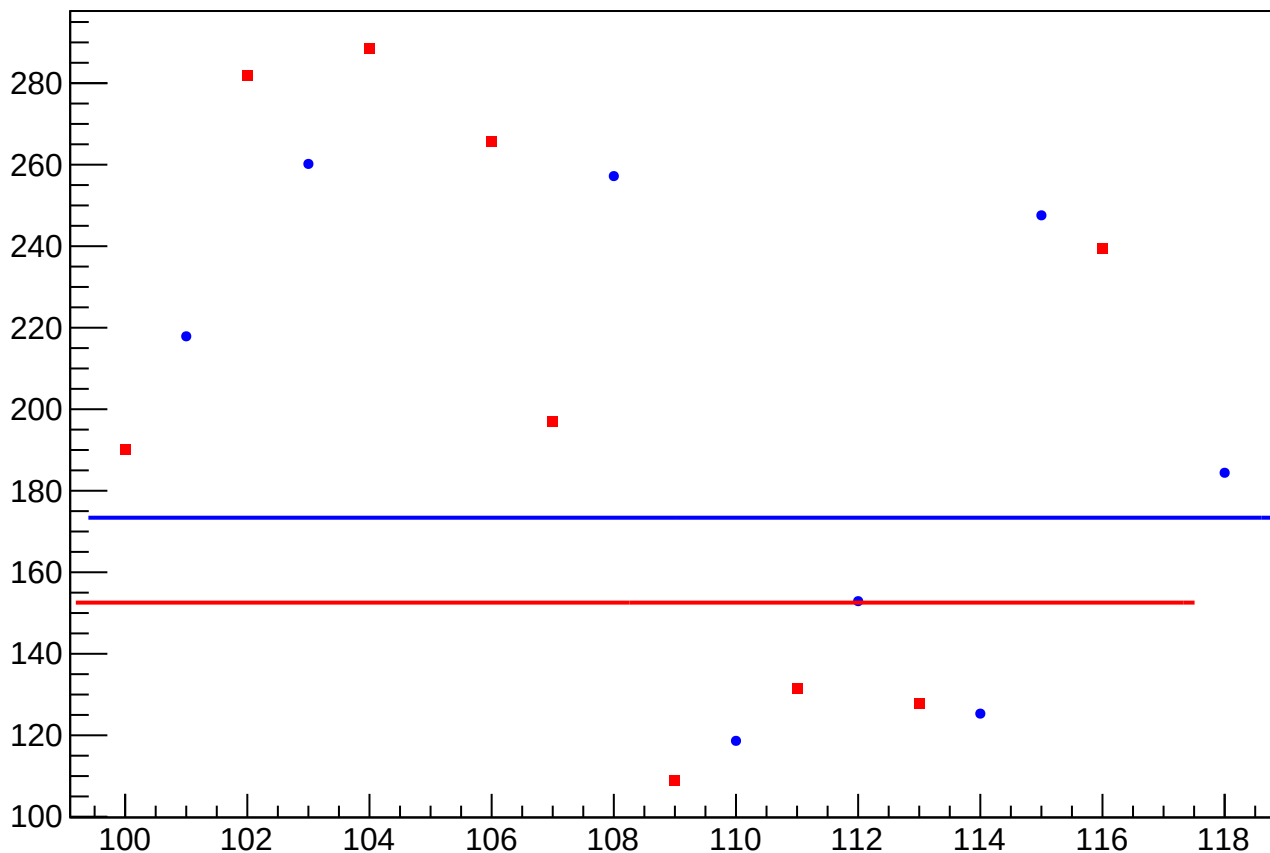
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.097 $\pm$ 67.044 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 173.387 $\pm$ 0.071 χ^2 /NDF: 499076.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.557 $\pm$ 0.064 χ^2 /NDF: 896536.8/8

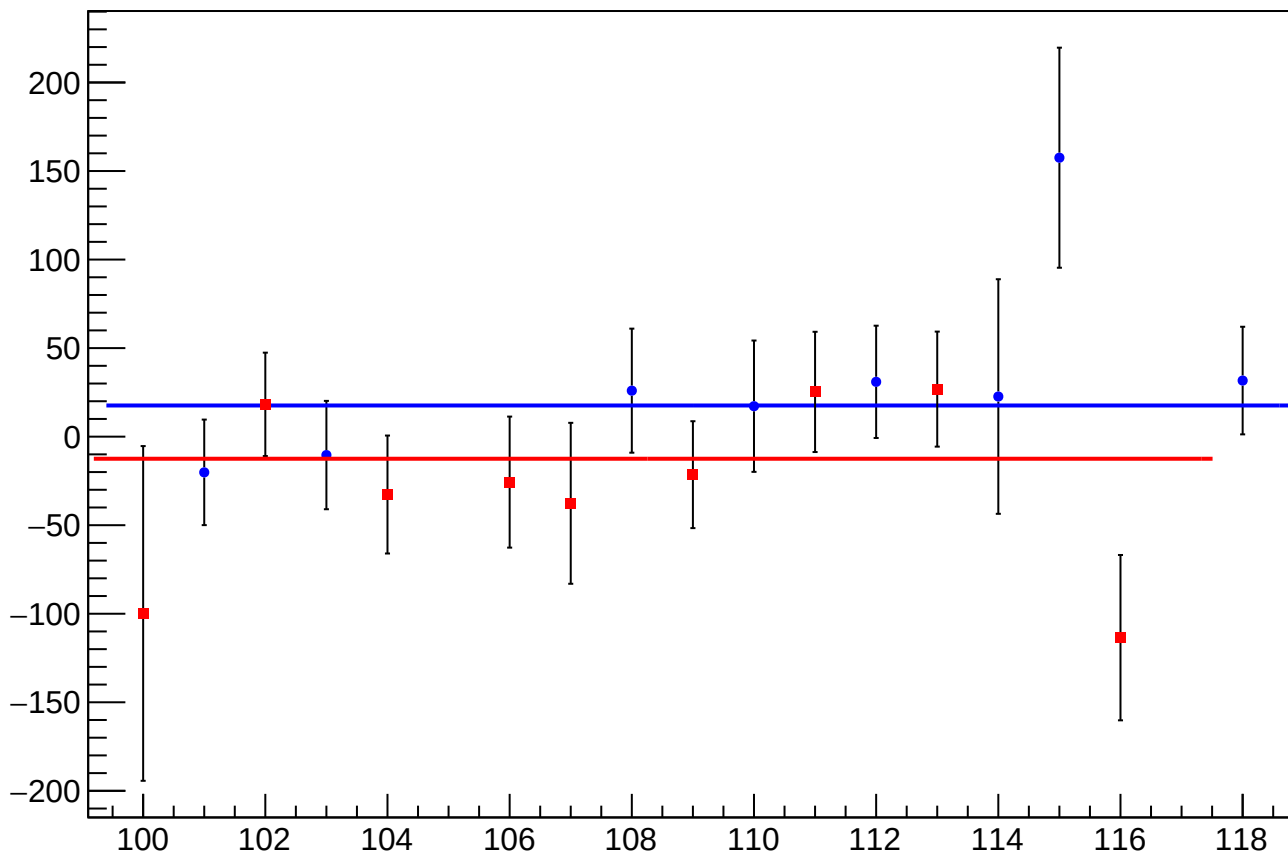
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.809 $\pm$ 0.047 χ^2 /NDF: 1443274.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: 17.600 $\pm$ 12.597 χ^2 /NDF: 8.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.475 $\pm$ 12.150 χ^2 /NDF: 10.2/8

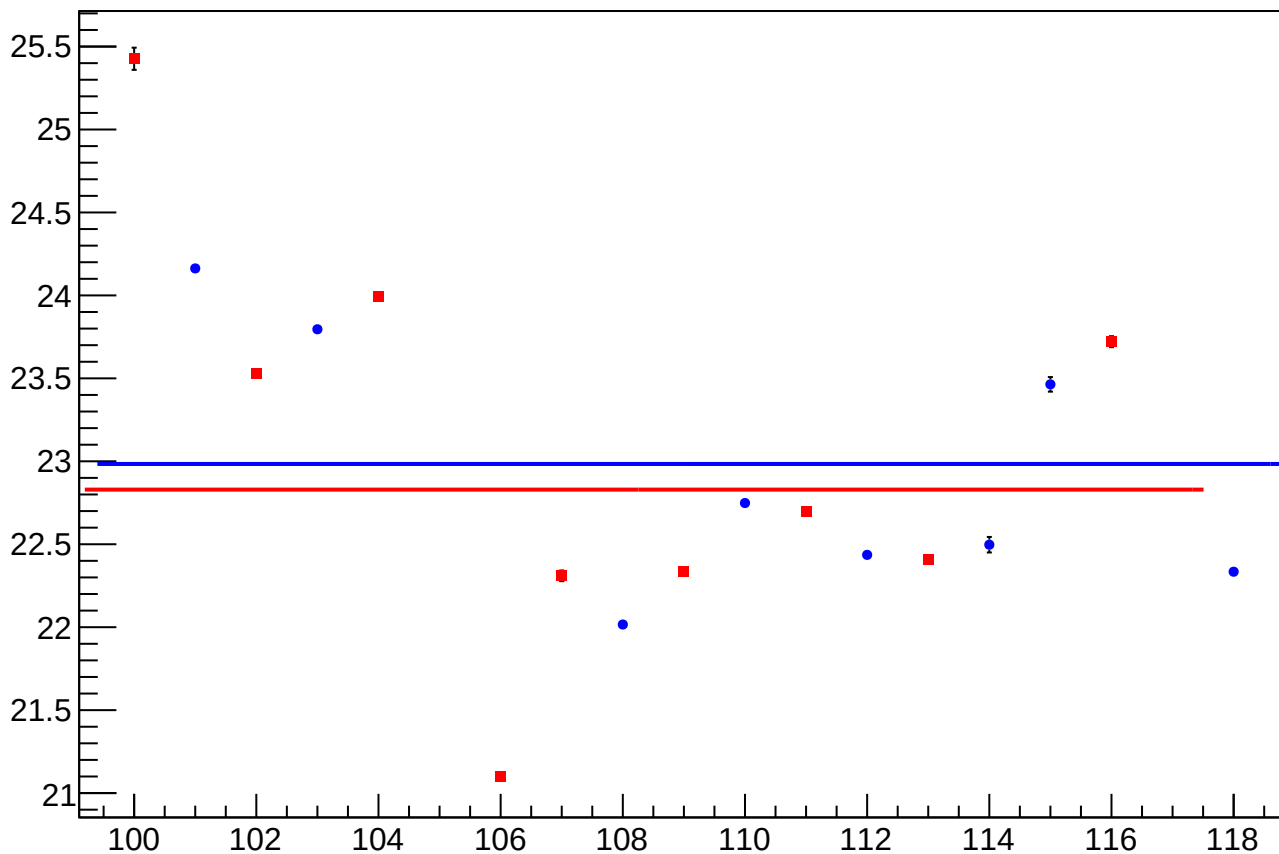
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.020 $\pm$ 8.745 χ^2 /NDF: 21.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



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: 22.829+/-0.009 χ^2/NDF : 11365.1/8

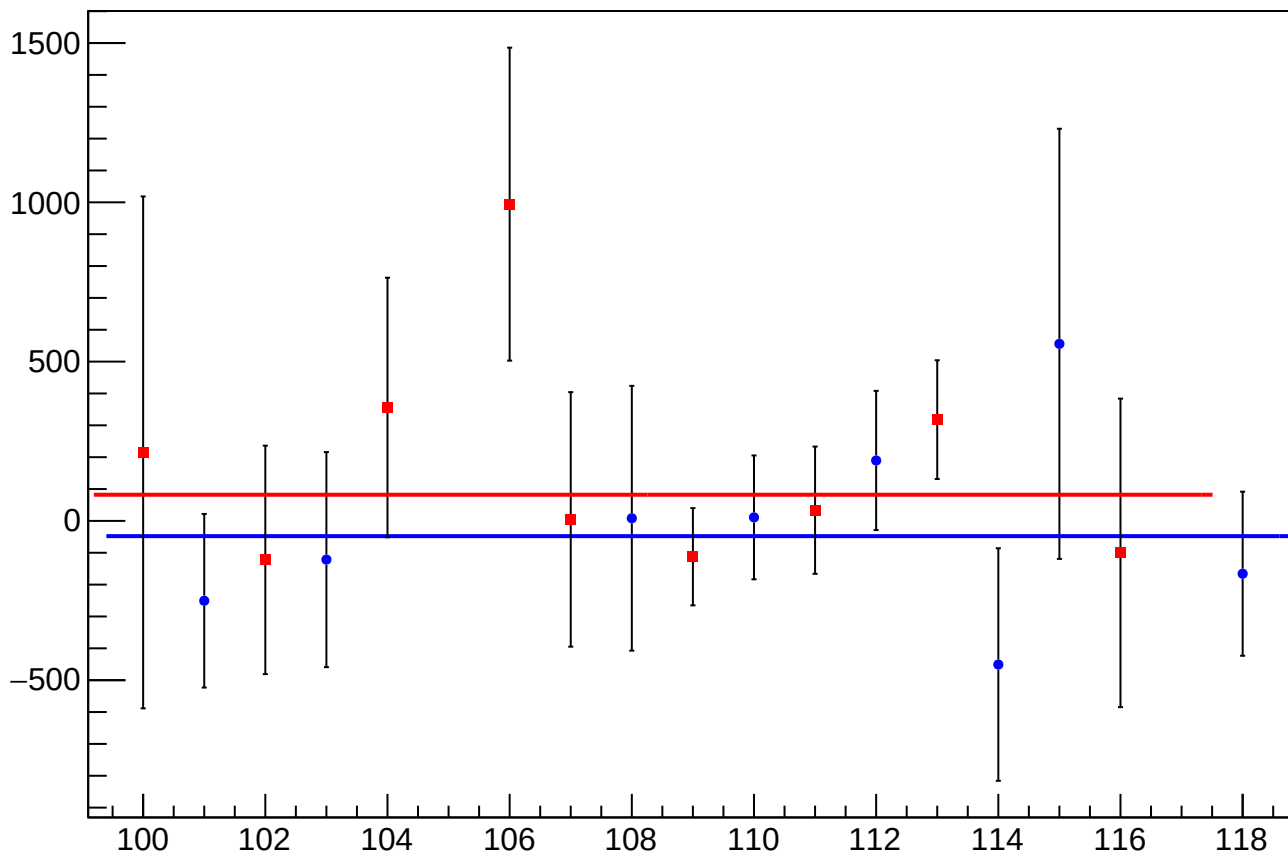
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.904+/-0.006 χ^2/NDF : 19406.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



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: 82.143 $\pm$ 88.805 χ^2 /NDF: 7.7/8

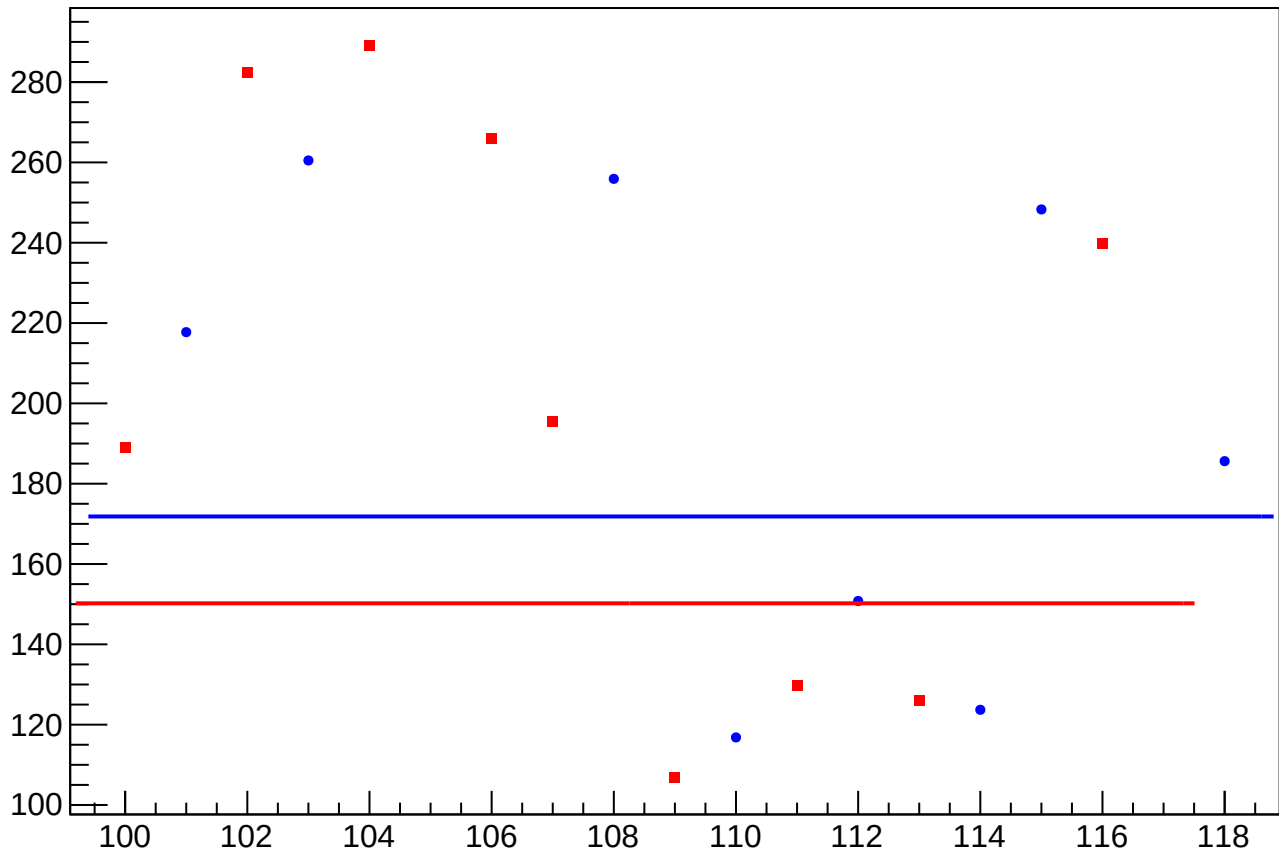
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.763 $\pm$ 66.368 χ^2 /NDF: 12.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



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: 150.214+/-0.063 χ^2/NDF : 929622.6/8

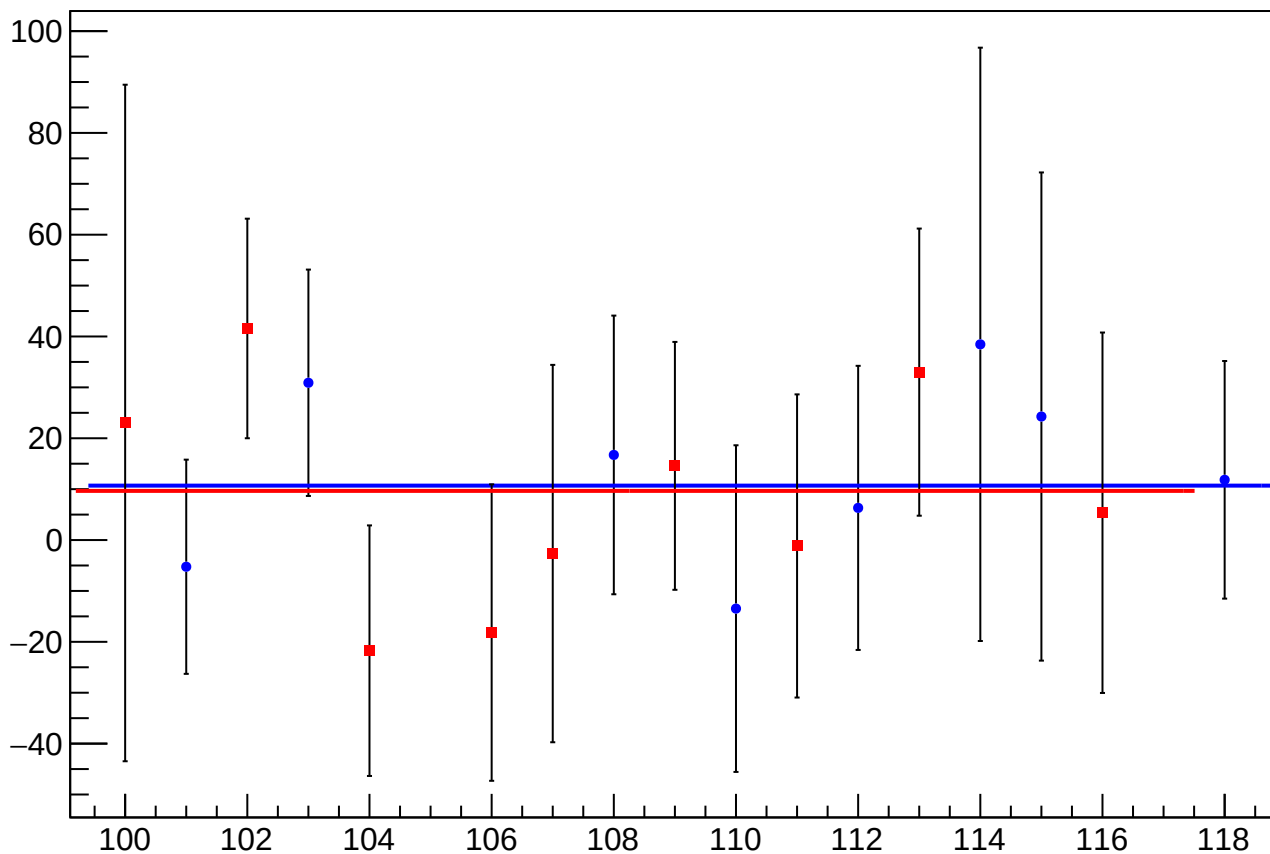
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.761+/-0.047 χ^2/NDF : 1503444.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 10.694 $\pm$ 9.791 χ^2 /NDF: 2.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.660 $\pm$ 9.623 χ^2 /NDF: 5.8/8

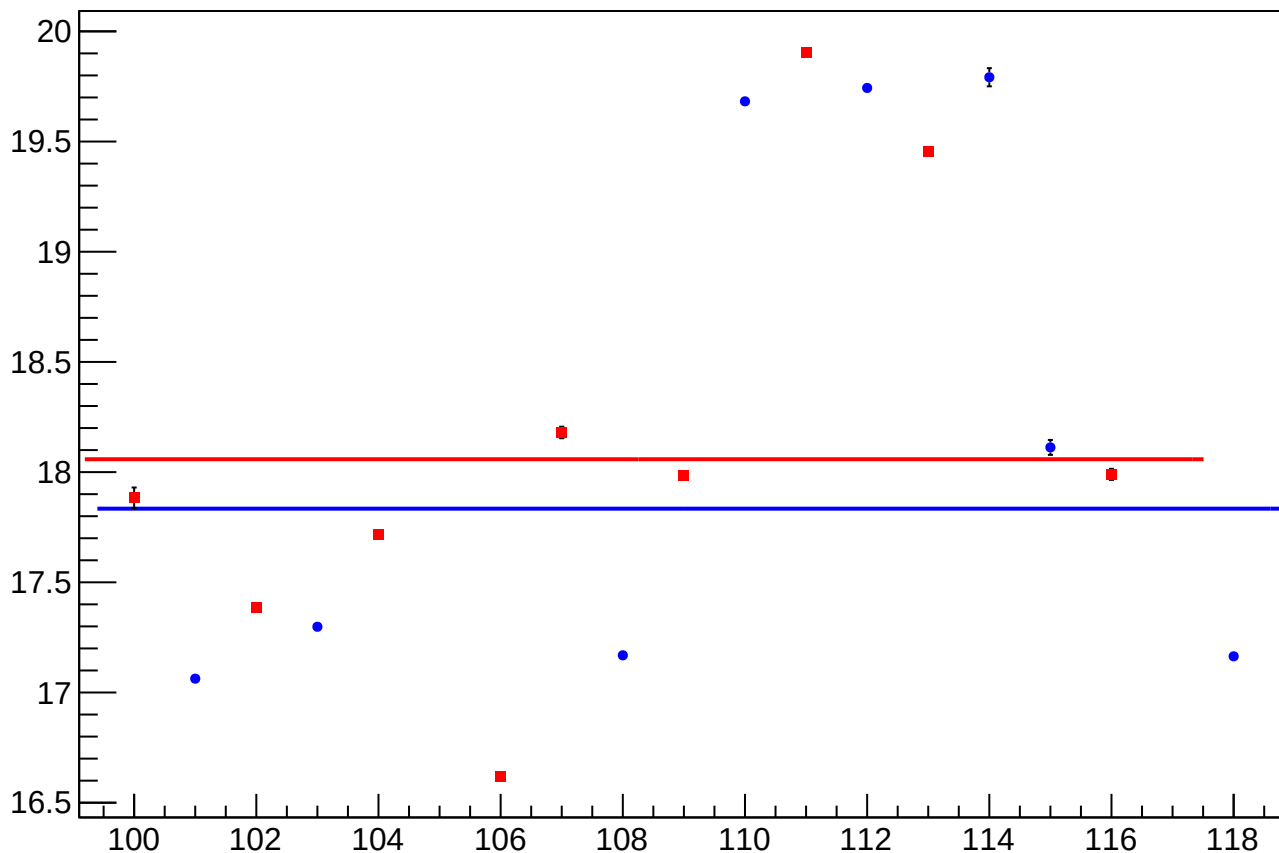
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.168 $\pm$ 6.863 χ^2 /NDF: 8.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



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: 18.058+/-0.007 χ^2/NDF : 19870.0/8

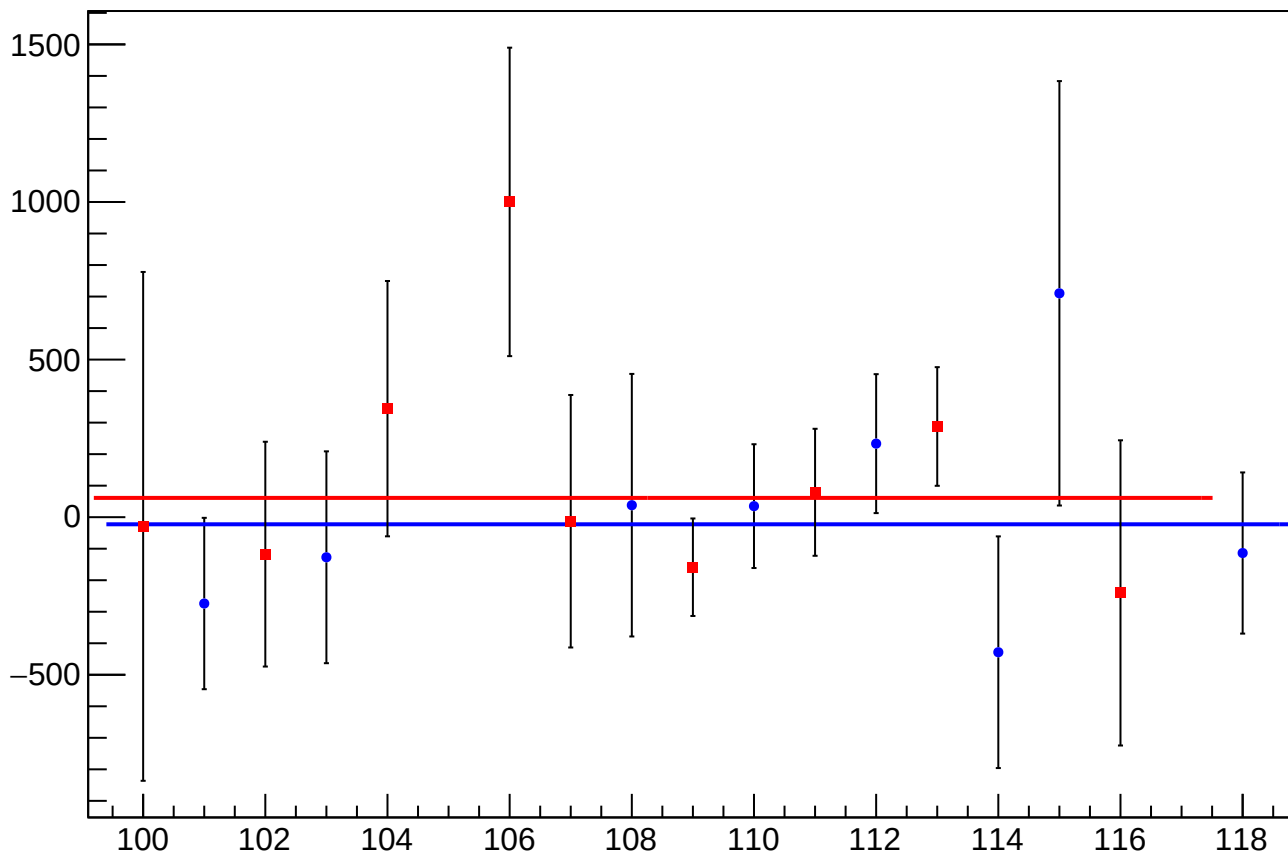
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.948+/-0.005 χ^2/NDF : 45390.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -22.539 $\pm$ 100.211 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.190 $\pm$ 89.503 χ^2 /NDF: 8.3/8

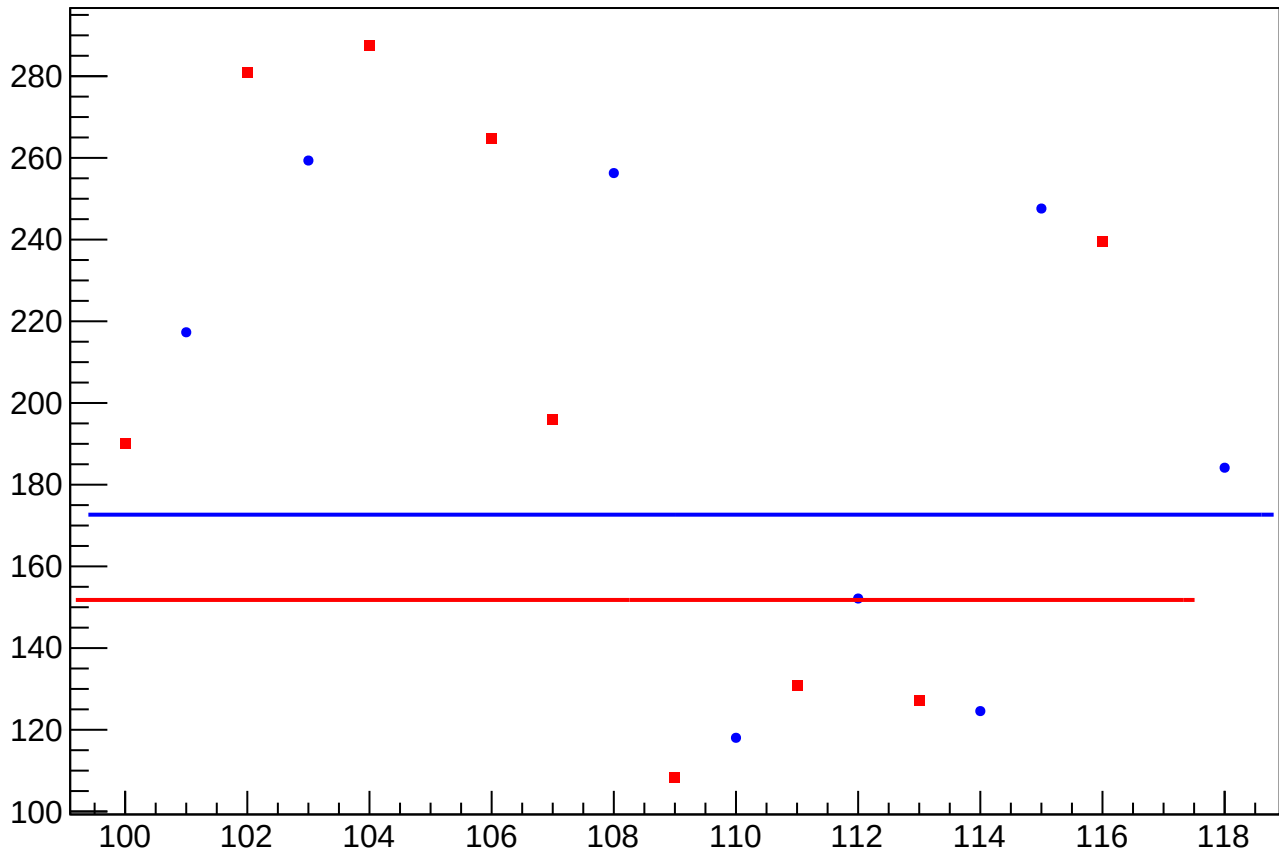
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.036 $\pm$ 66.754 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 172.659 $\pm$ 0.071 χ^2 /NDF: 502840.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.784 $\pm$ 0.063 χ^2 /NDF: 900859.0/8

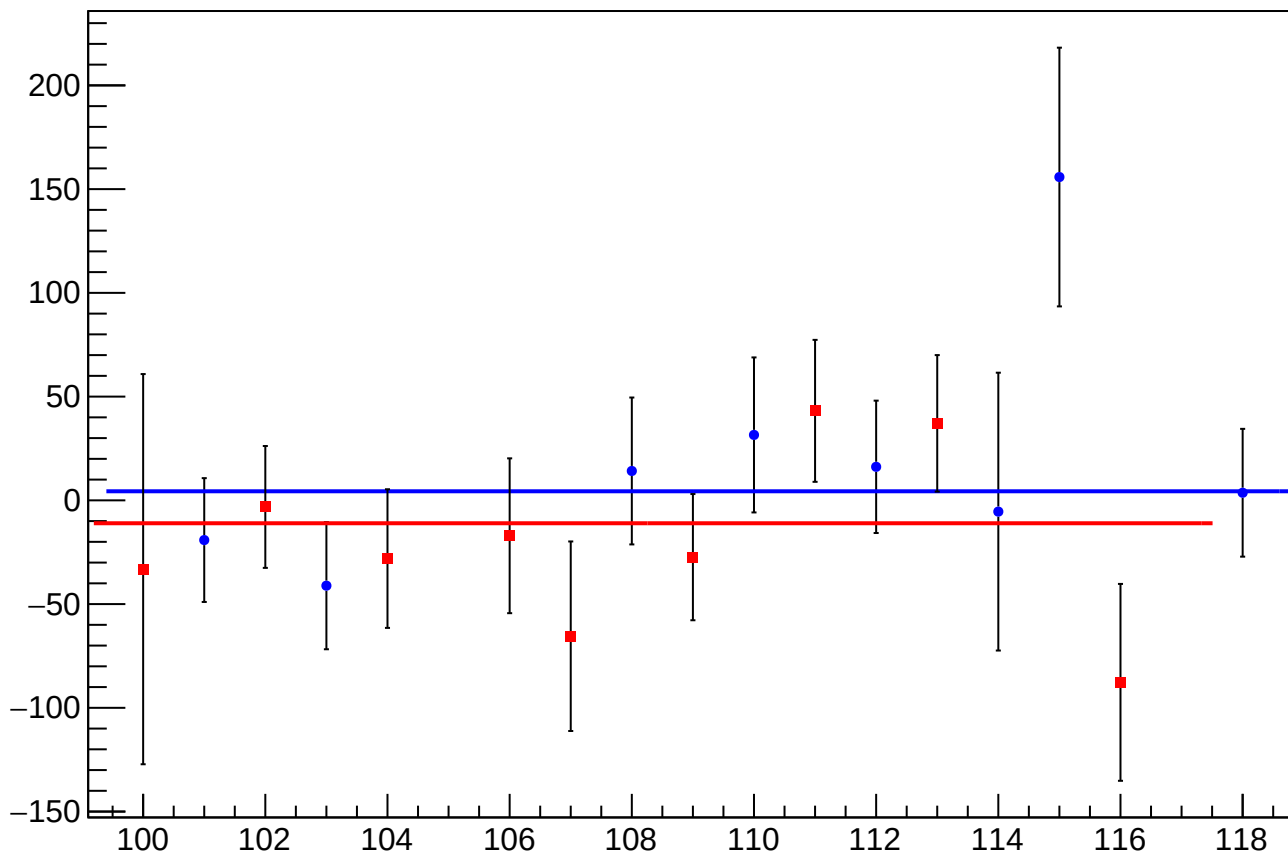
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.047 $\pm$ 0.047 χ^2 /NDF: 1451977.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: 4.370 $\pm$ 12.679 χ^2 /NDF: 9.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.040 $\pm$ 12.245 χ^2 /NDF: 9.4/8

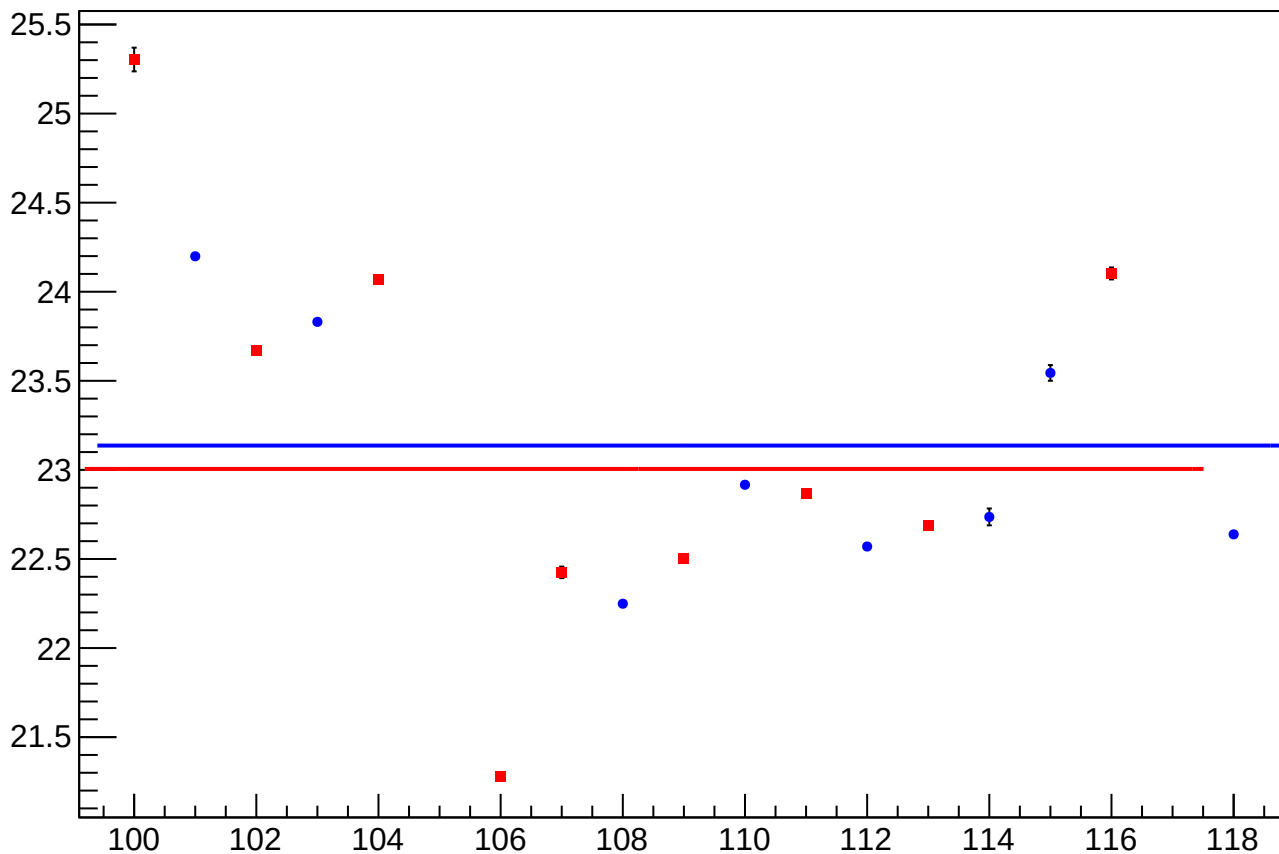
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.604 $\pm$ 8.808 χ^2 /NDF: 19.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



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: 23.005+/-0.009 χ^2/NDF : 10667.6/8

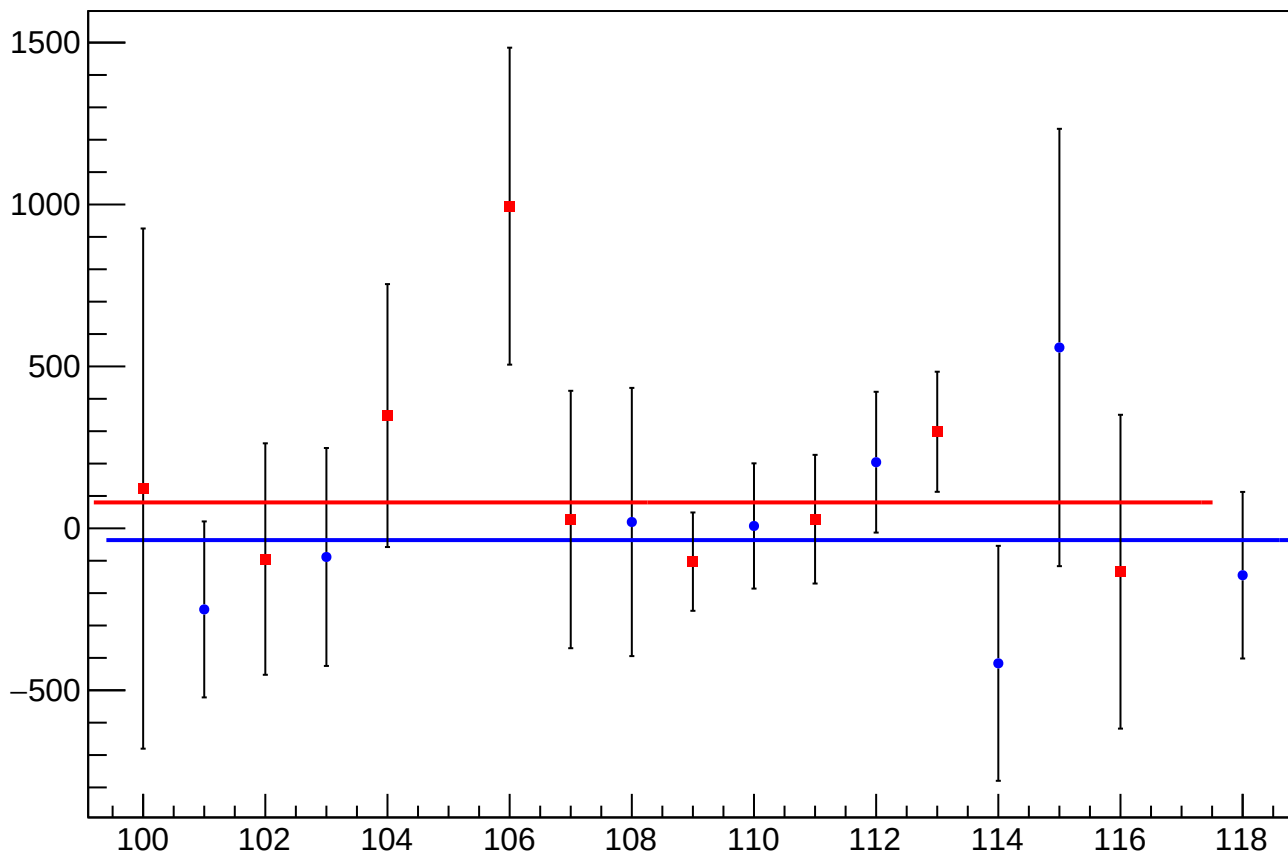
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.069+/-0.006 χ^2/NDF : 16979.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



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: 80.063+/-88.382 χ^2/NDF : 7.3/8

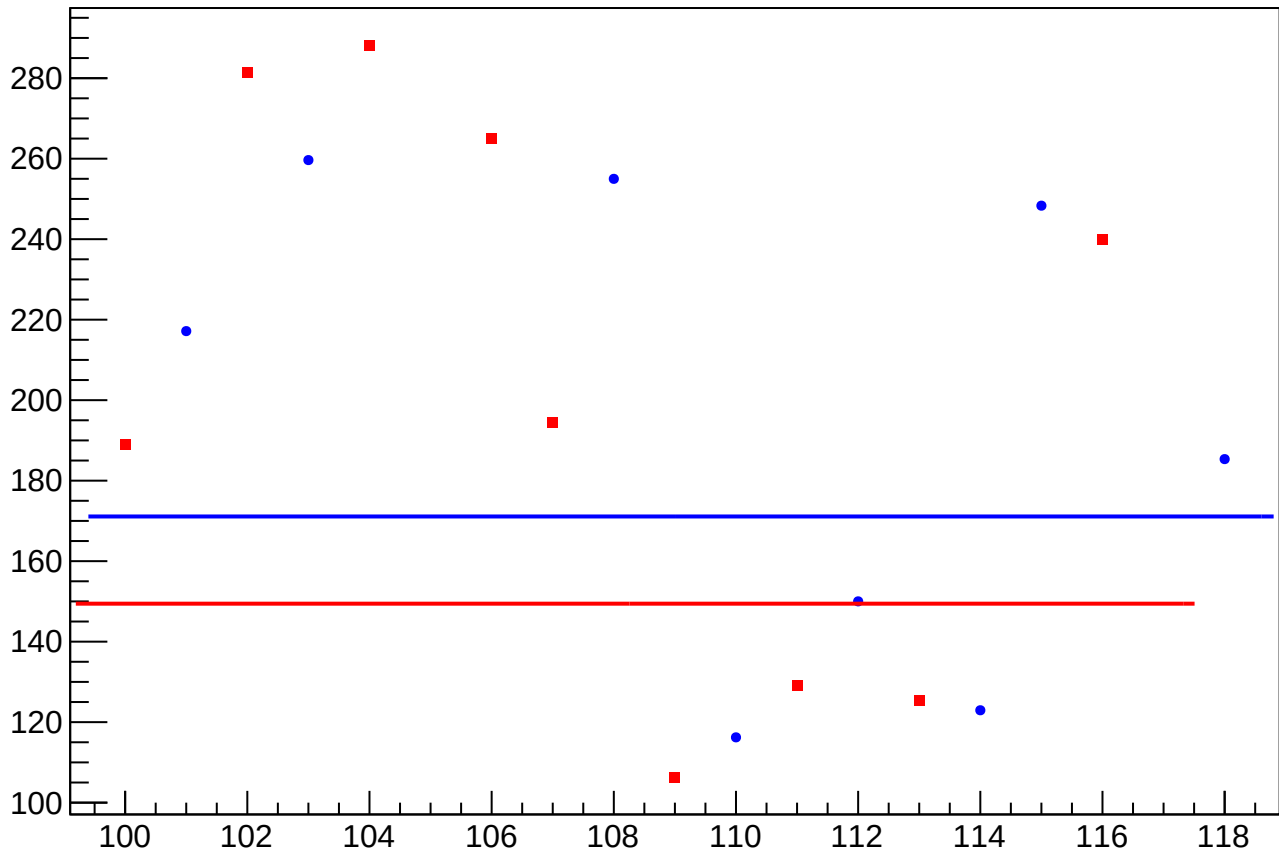
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.752+/-66.075 χ^2/NDF : 12.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



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: 149.437+/-0.062 χ^2/NDF : 934176.6/8

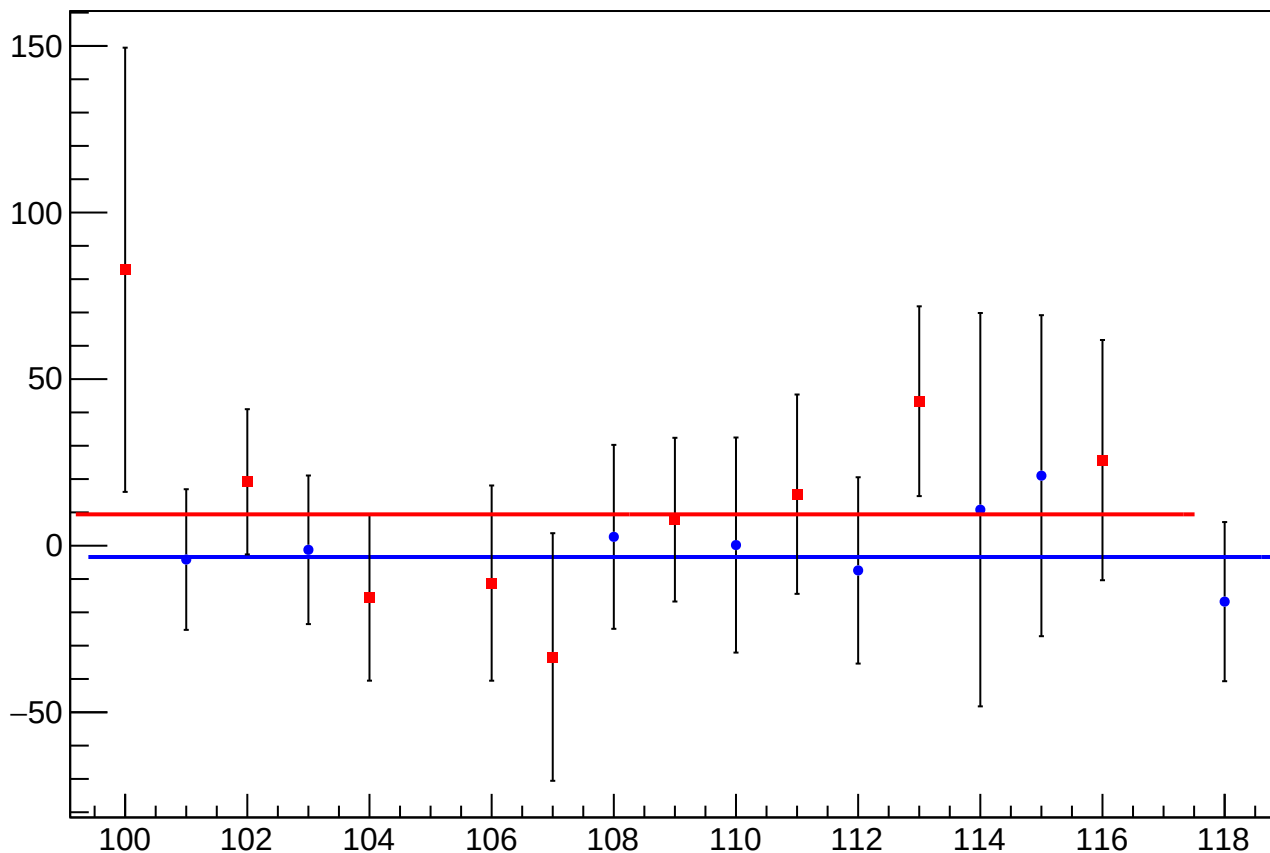
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.993+/-0.047 χ^2/NDF : 1512699.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



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: 9.411 ± 9.707 χ^2/NDF : 5.9/8

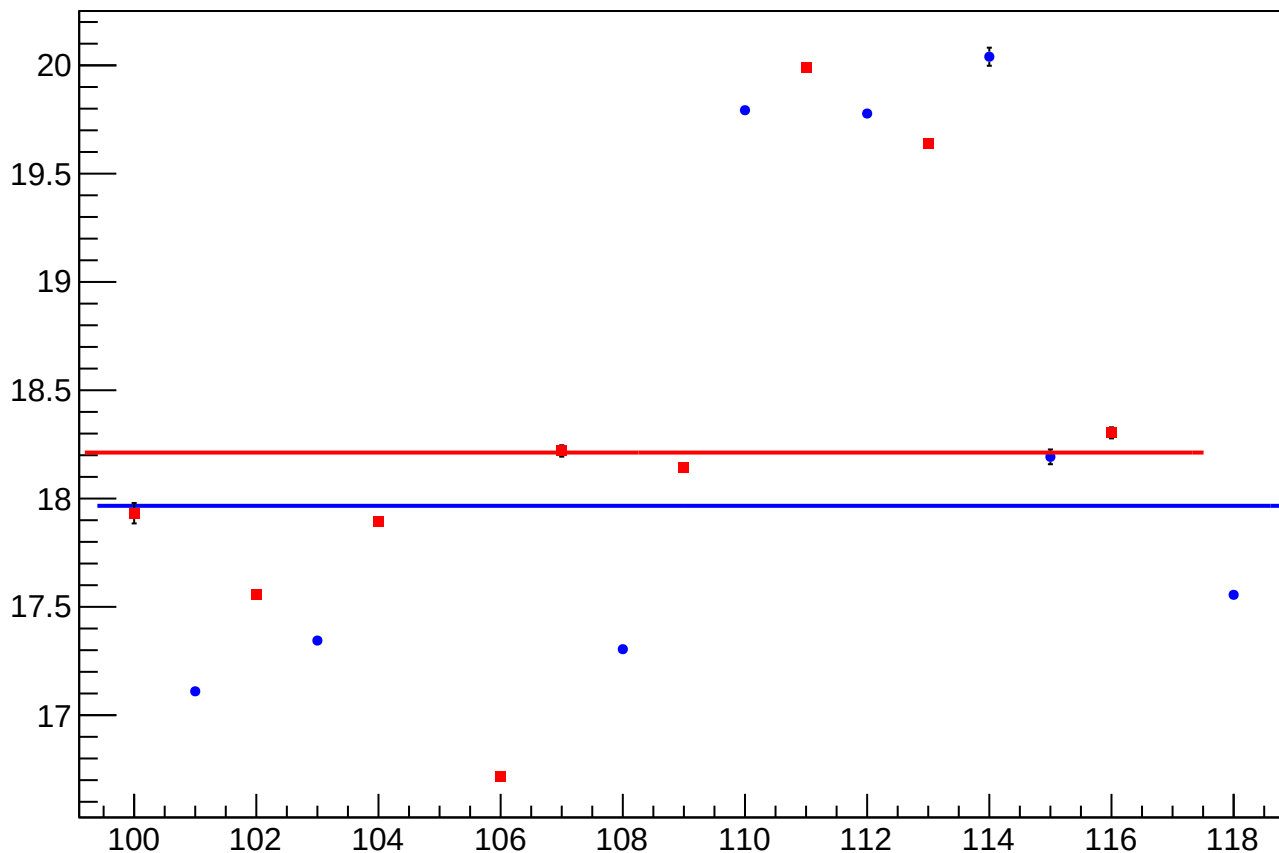
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.112 ± 6.919 χ^2/NDF : 7.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



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: 18.212+/-0.007 χ^2/NDF : 19484.0/8

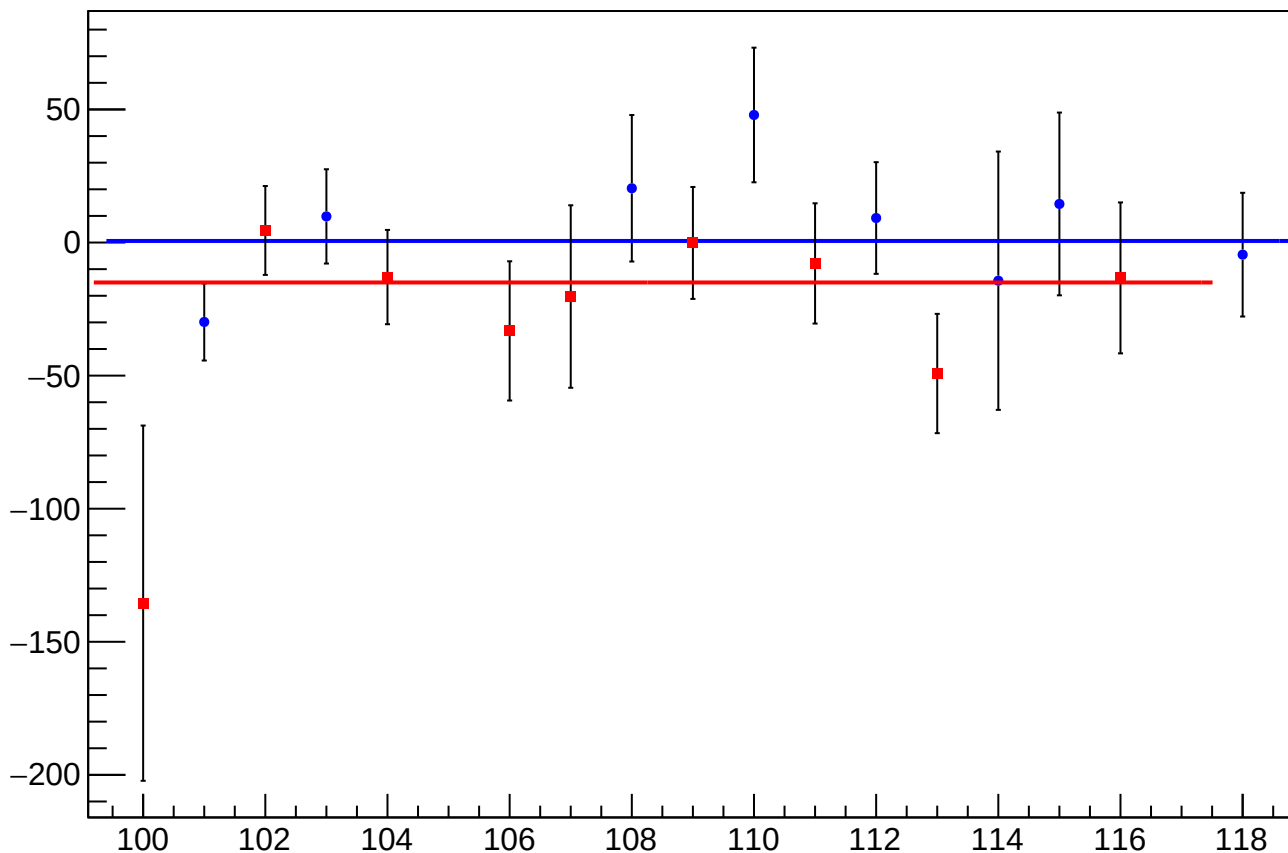
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.091+/-0.005 χ^2/NDF : 44009.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



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: -15.001 $\pm$ 7.723 χ^2/NDF : 8.1/8

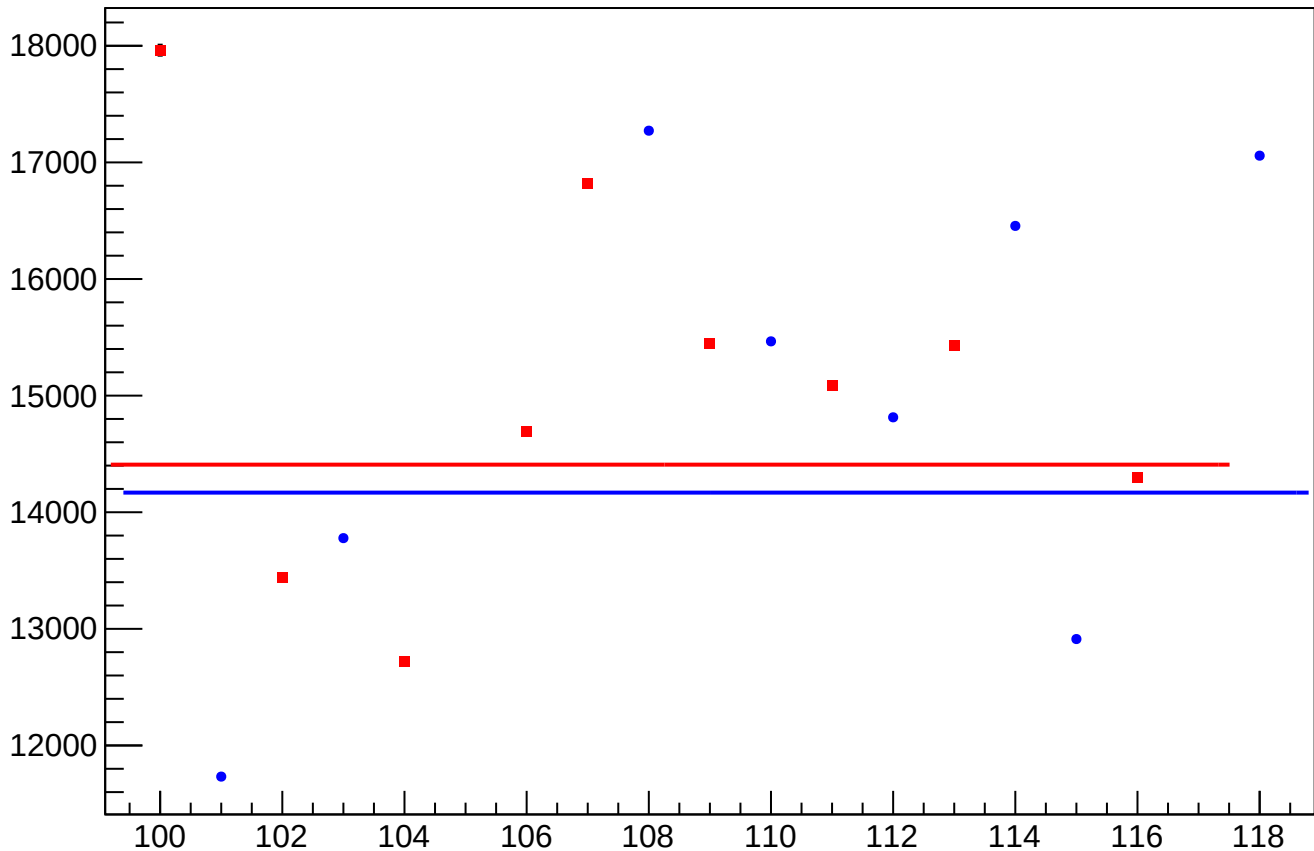
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -7.329 $\pm$ 5.505 χ^2/NDF : 19.3/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



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: 14408.132+/-5.461 χ^2/NDF : 51490.2/8

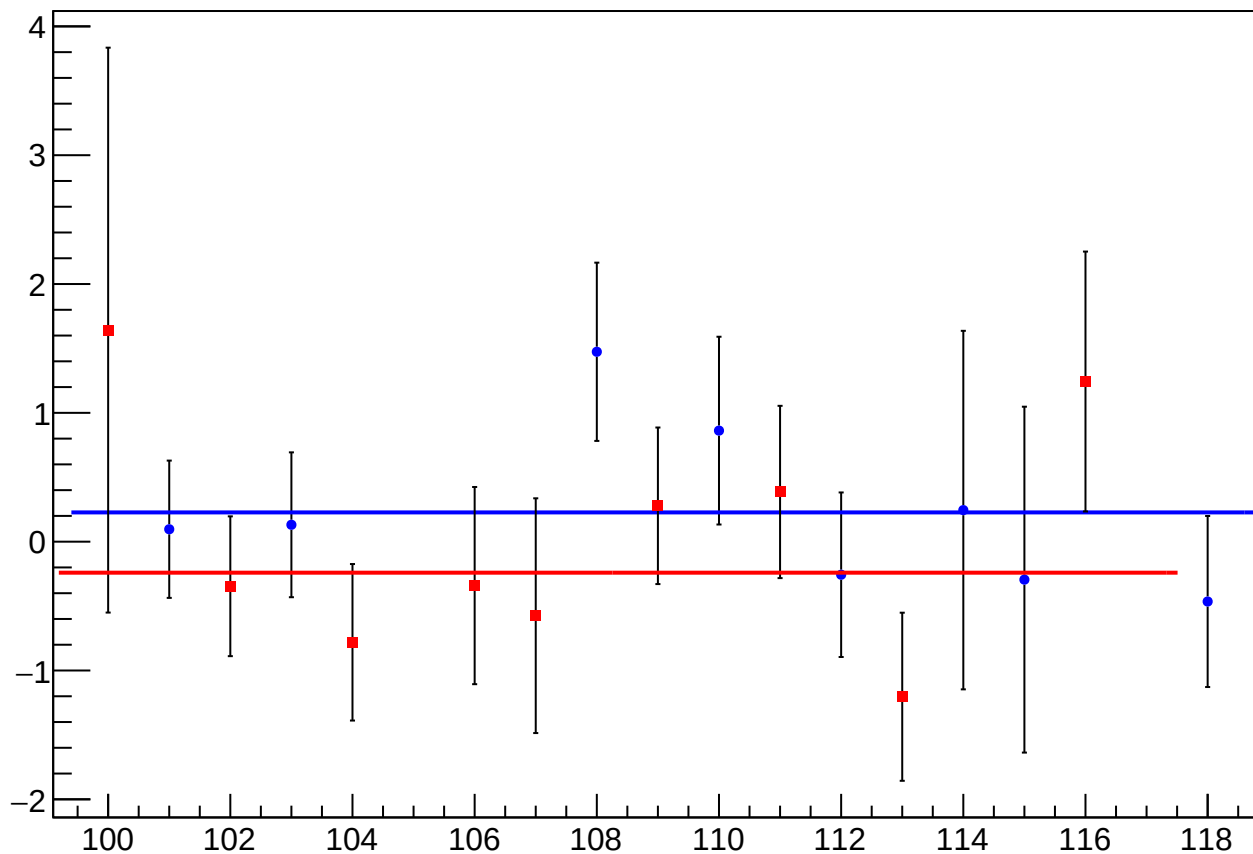
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14290.156+/-3.892 χ^2/NDF : 180563.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.227 $\pm$ 0.247 χ^2 /NDF: 5.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.241 $\pm$ 0.239 χ^2 /NDF: 7.7/8

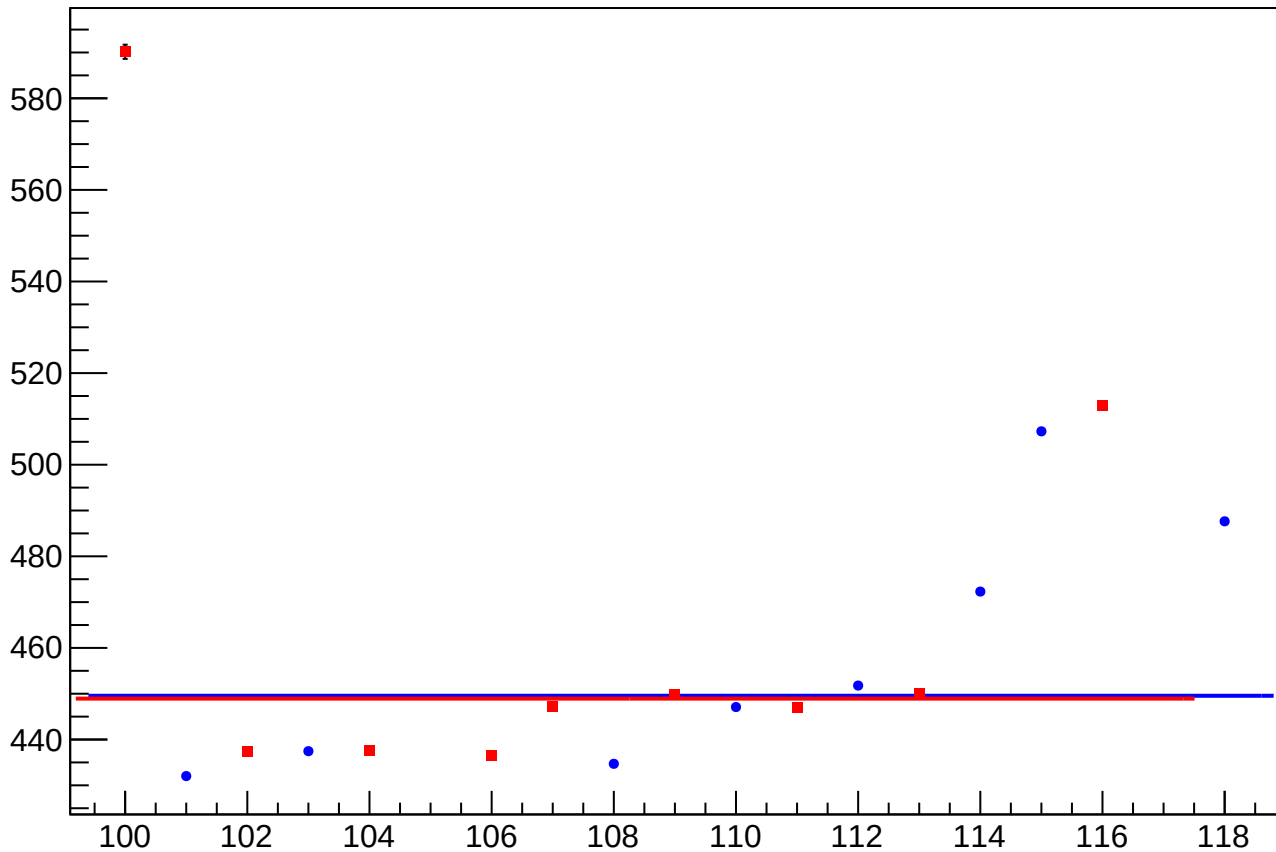
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.172 χ^2 /NDF: 15.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 449.554 $\pm$ 0.174 χ^2 /NDF: 14877.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 448.933 $\pm$ 0.169 χ^2 /NDF: 18471.0/8

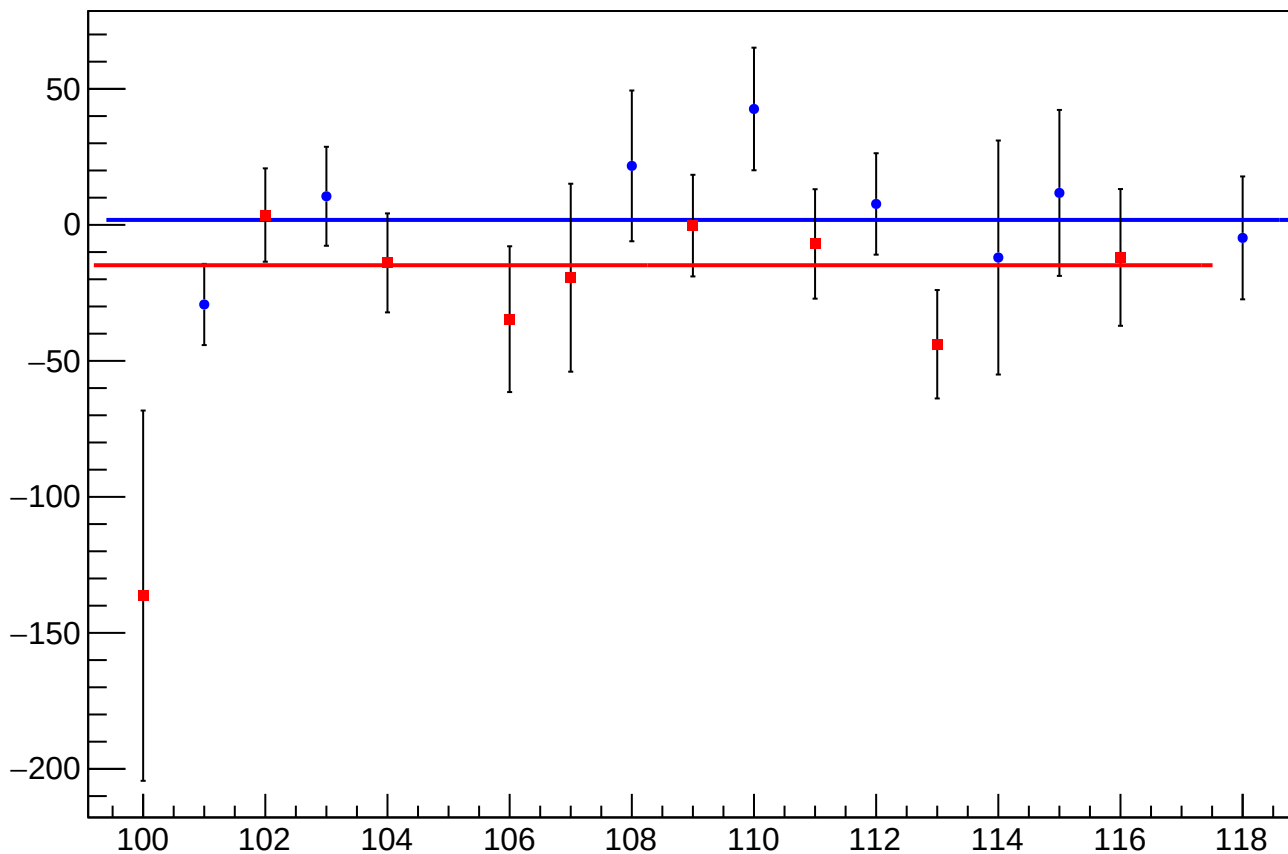
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 449.234 $\pm$ 0.121 χ^2 /NDF: 33355.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



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: -14.833+/-7.393 χ^2/NDF : 7.8/8

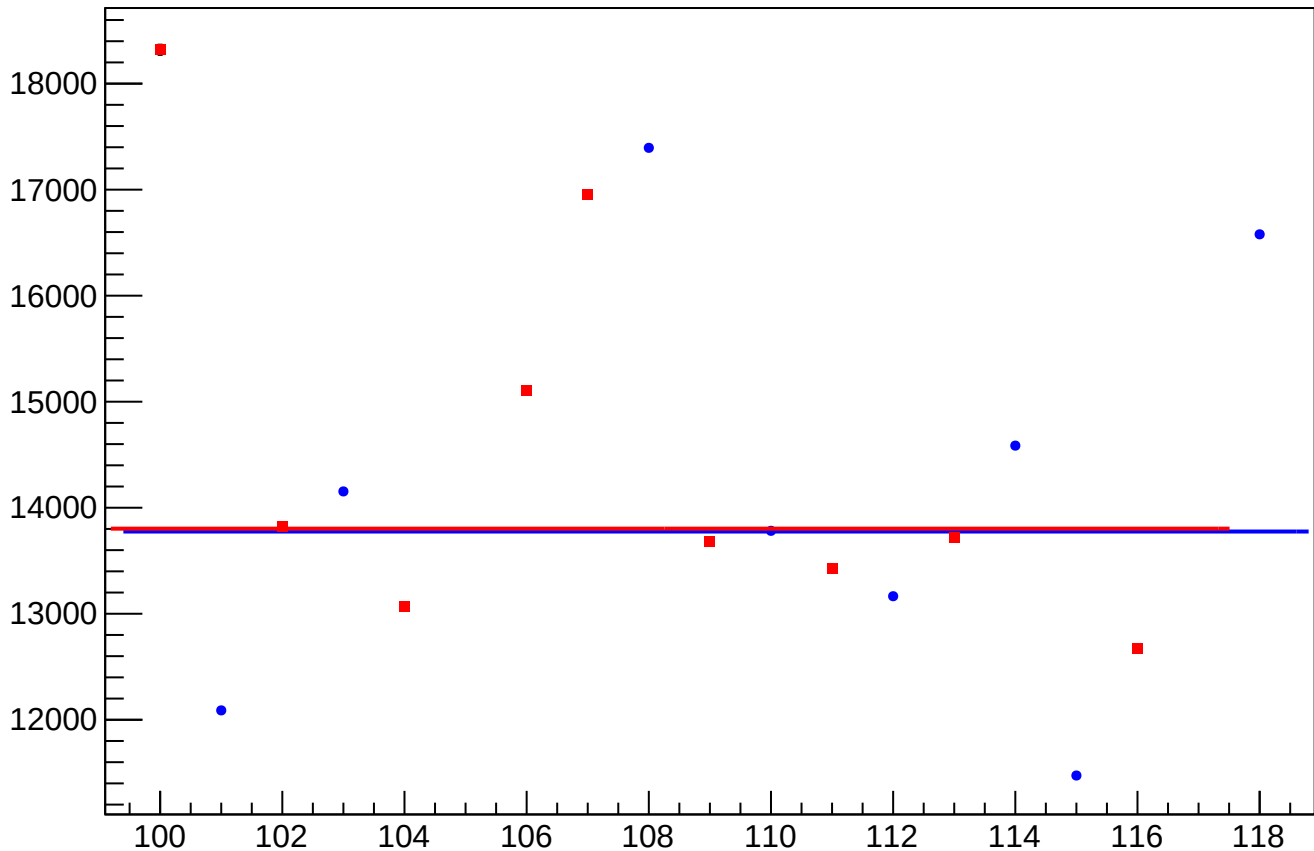
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.754+/-5.305 χ^2/NDF : 19.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 13775.538+/-5.387 χ^2/NDF : 105545.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

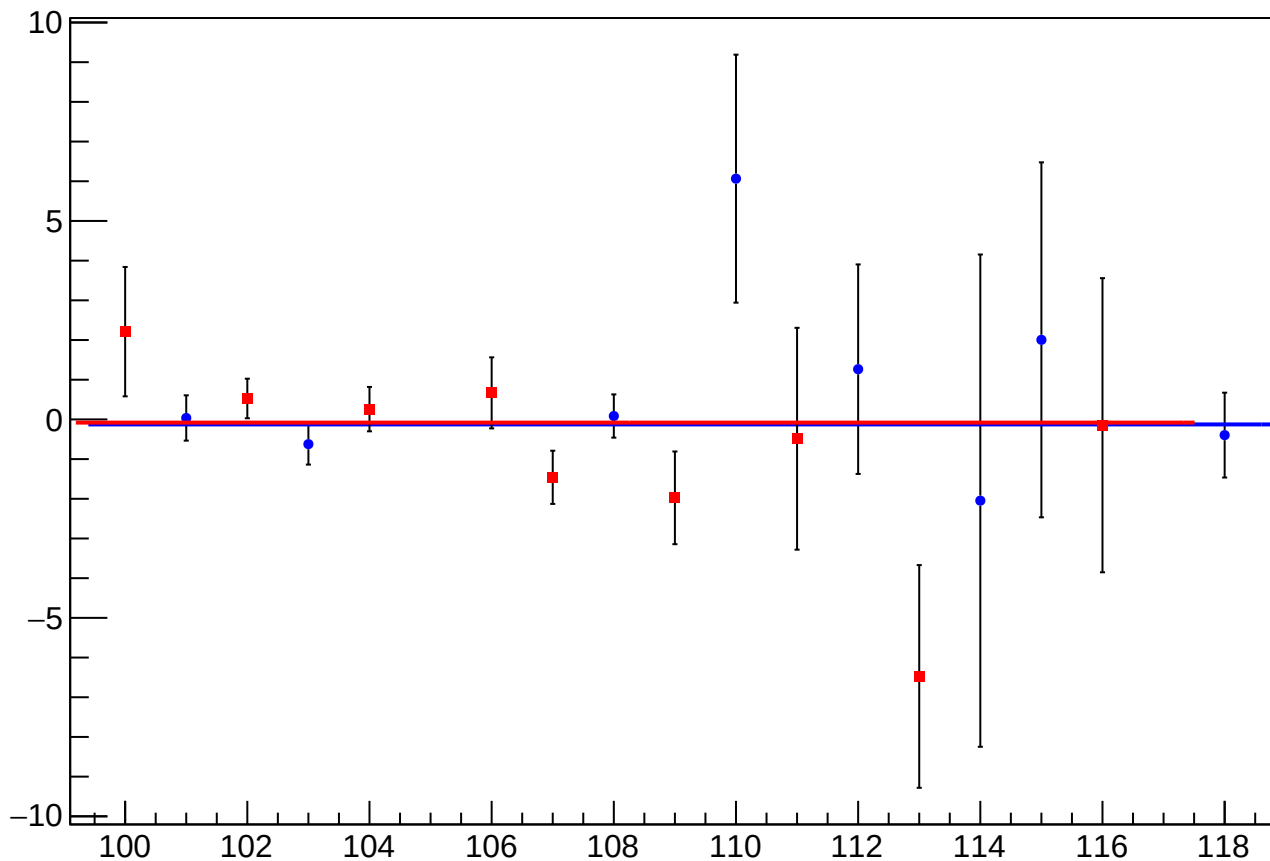
Right Out: 13802.606+/-5.227 χ^2/NDF : 38237.2/8

All: 13789.478+/-3.751 χ^2/NDF : 143795.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



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: -0.080+/-0.287 χ^2/NDF : 16.6/8

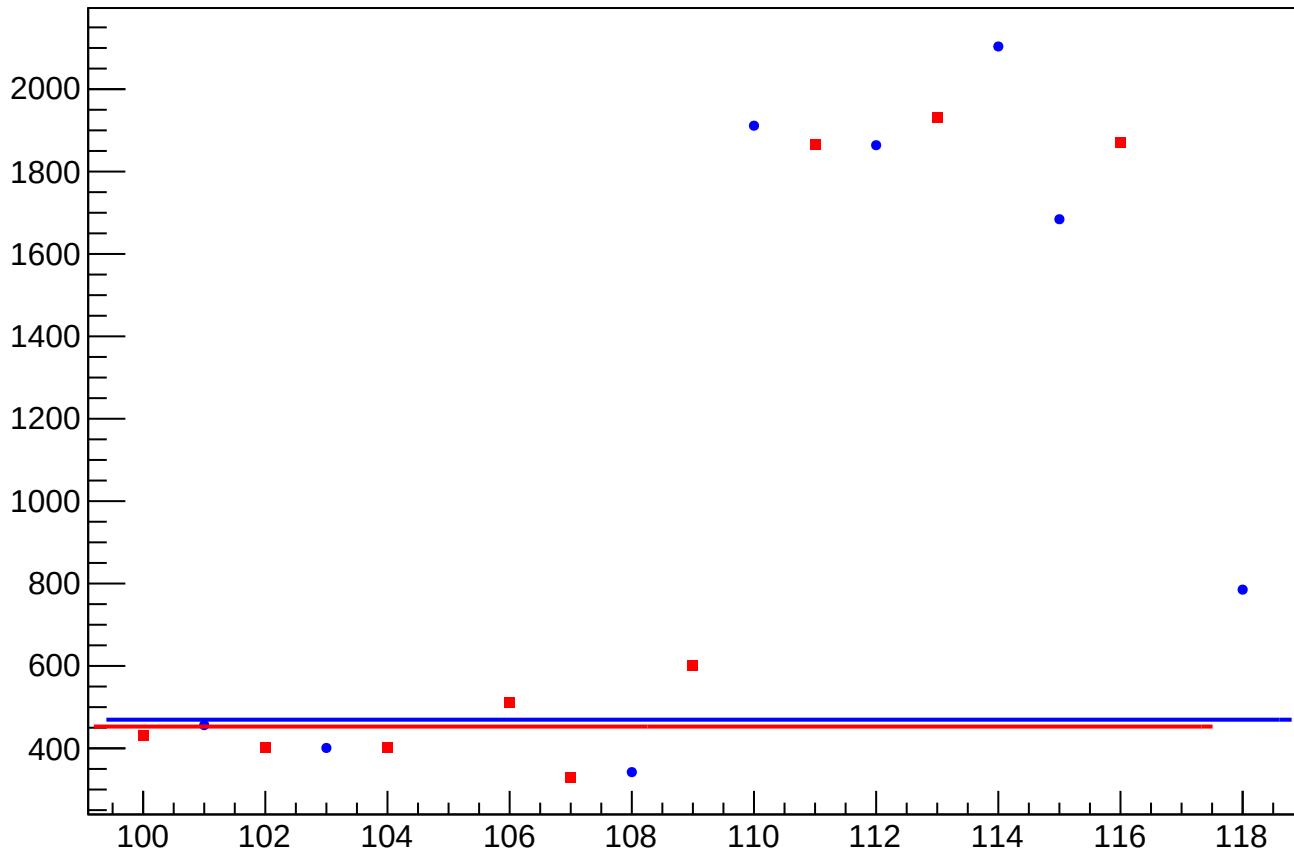
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.103+/-0.206 χ^2/NDF : 22.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 469.508 $\pm$ 0.209 χ^2 /NDF: 1591017.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 452.841 $\pm$ 0.203 χ^2 /NDF: 1508019.2/8

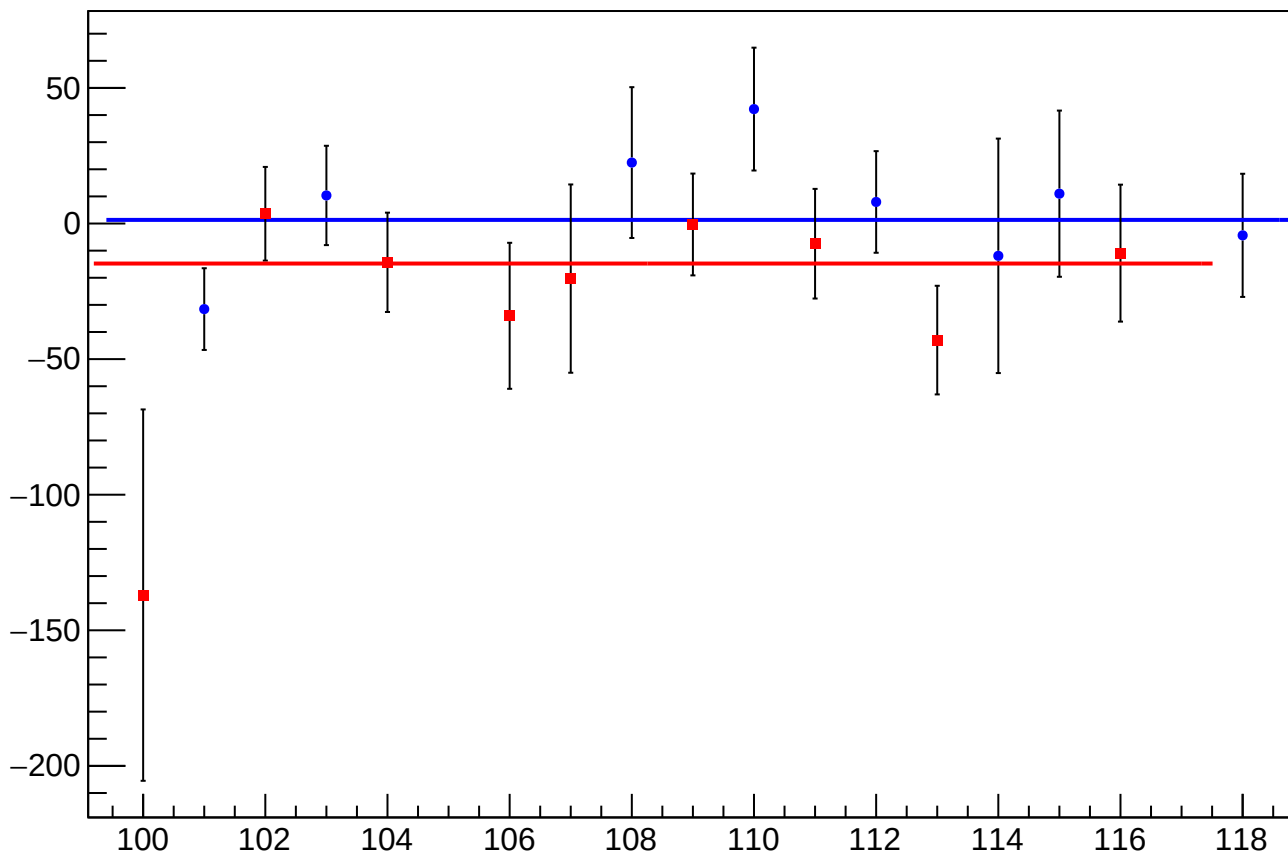
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 460.913 $\pm$ 0.146 χ^2 /NDF: 3102303.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



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: -14.756+/-7.433 χ^2/NDF : 7.6/8

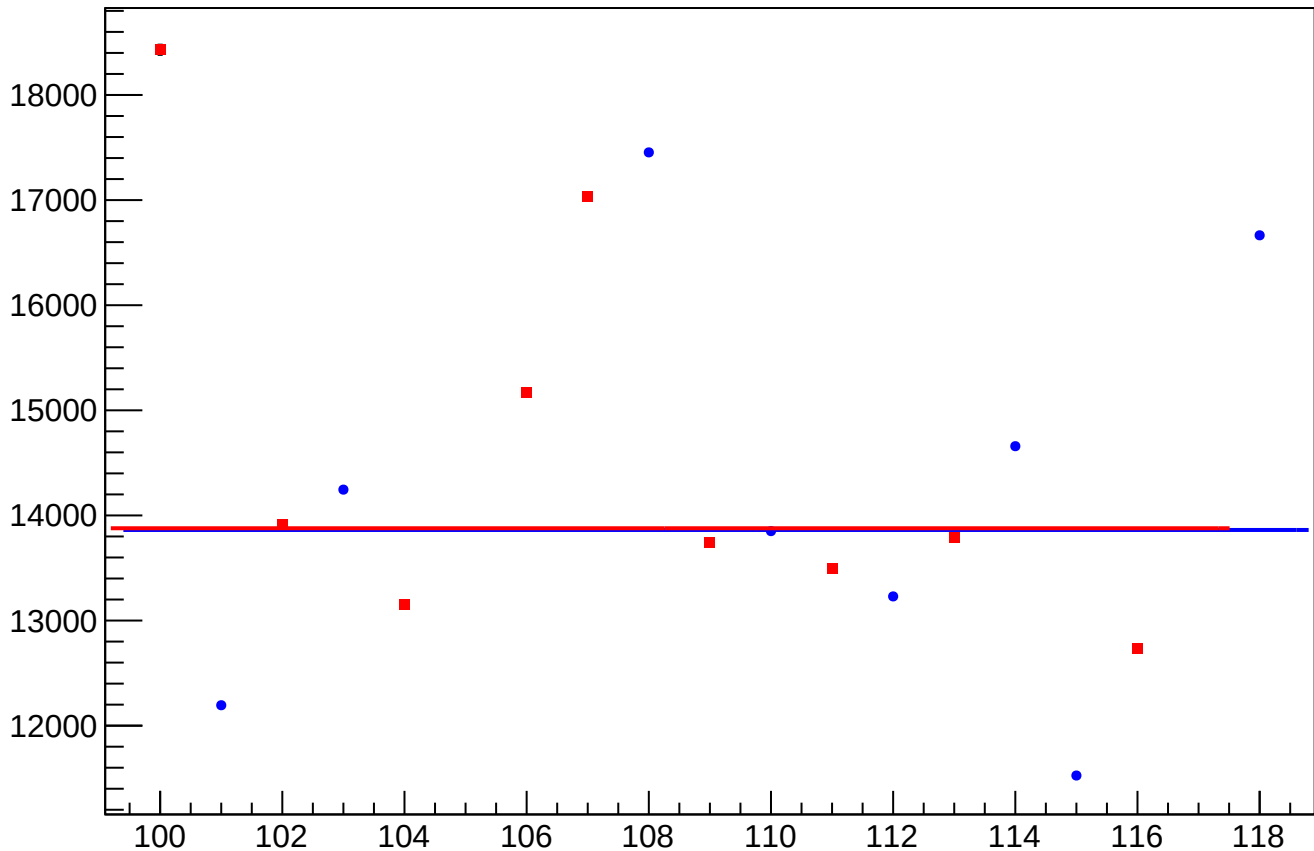
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.957+/-5.336 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



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: 13878.092+/-5.256 χ^2/NDF : 38095.3/8

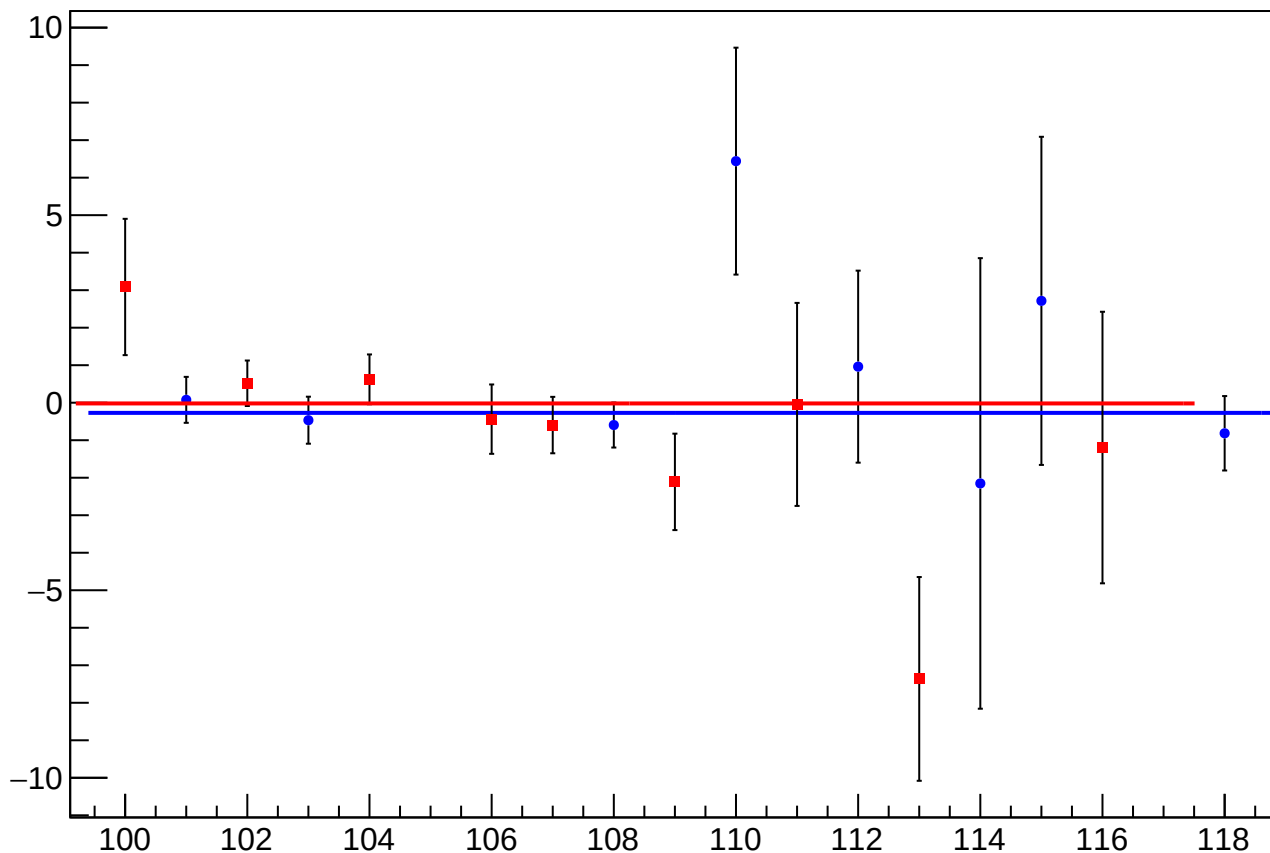
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13870.193+/-3.773 χ^2/NDF : 141901.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



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: -0.020 ± 0.330 χ^2/NDF : 15.5/8

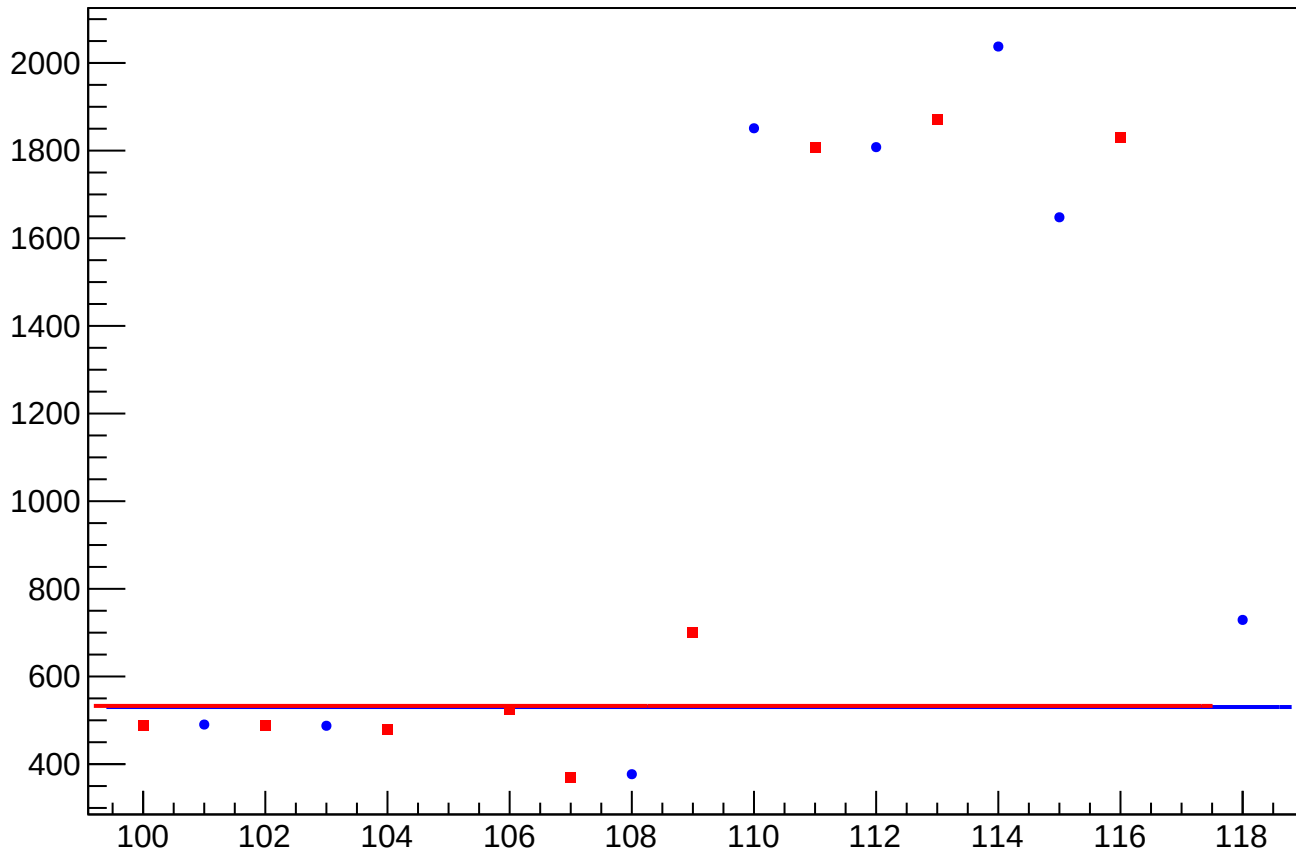
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.146 ± 0.232 χ^2/NDF : 22.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 530.328+/-0.231 χ^2/NDF : 1364644.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

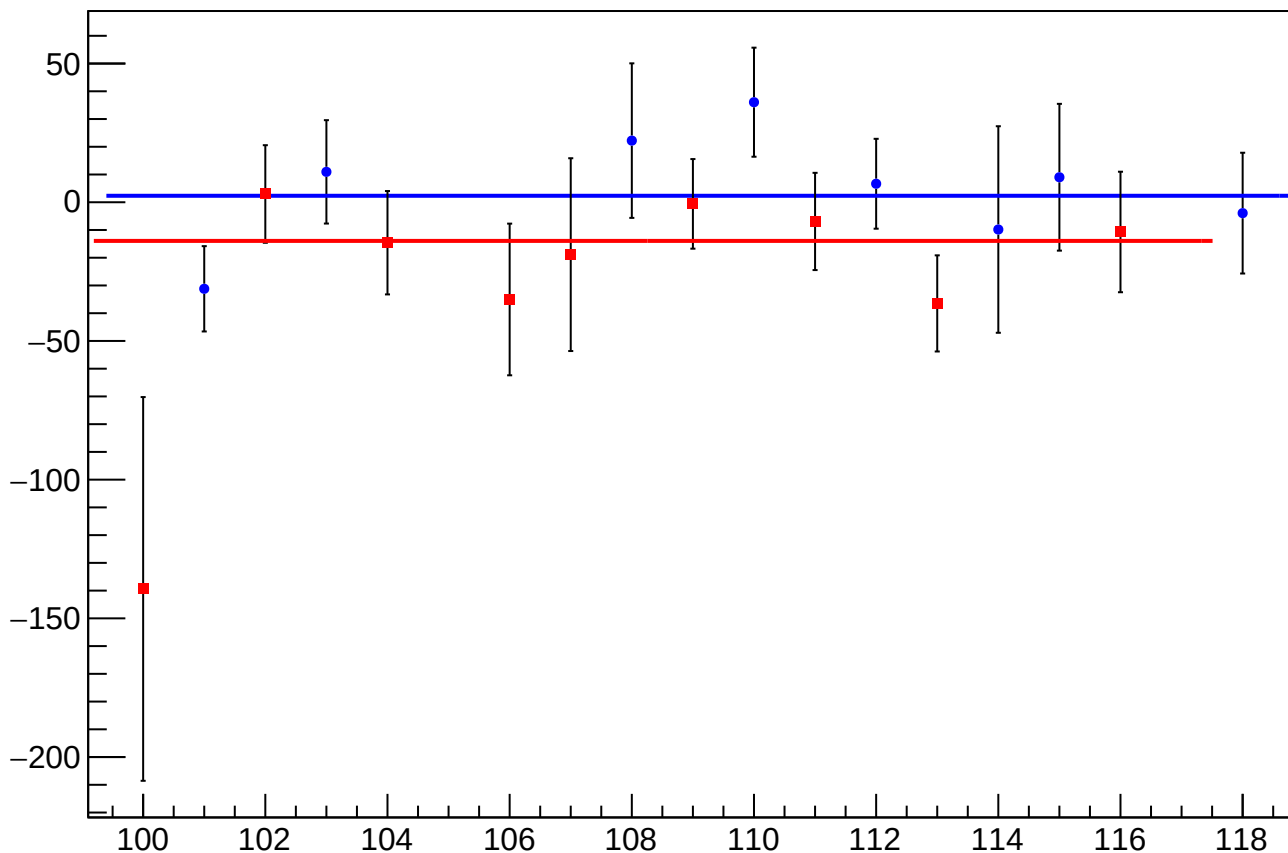
Right Out: 532.865+/-0.233 χ^2/NDF : 1338988.3/8

All: 531.585+/-0.164 χ^2/NDF : 2703692.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



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: -13.935+/-6.896 χ^2/NDF : 7.4/8

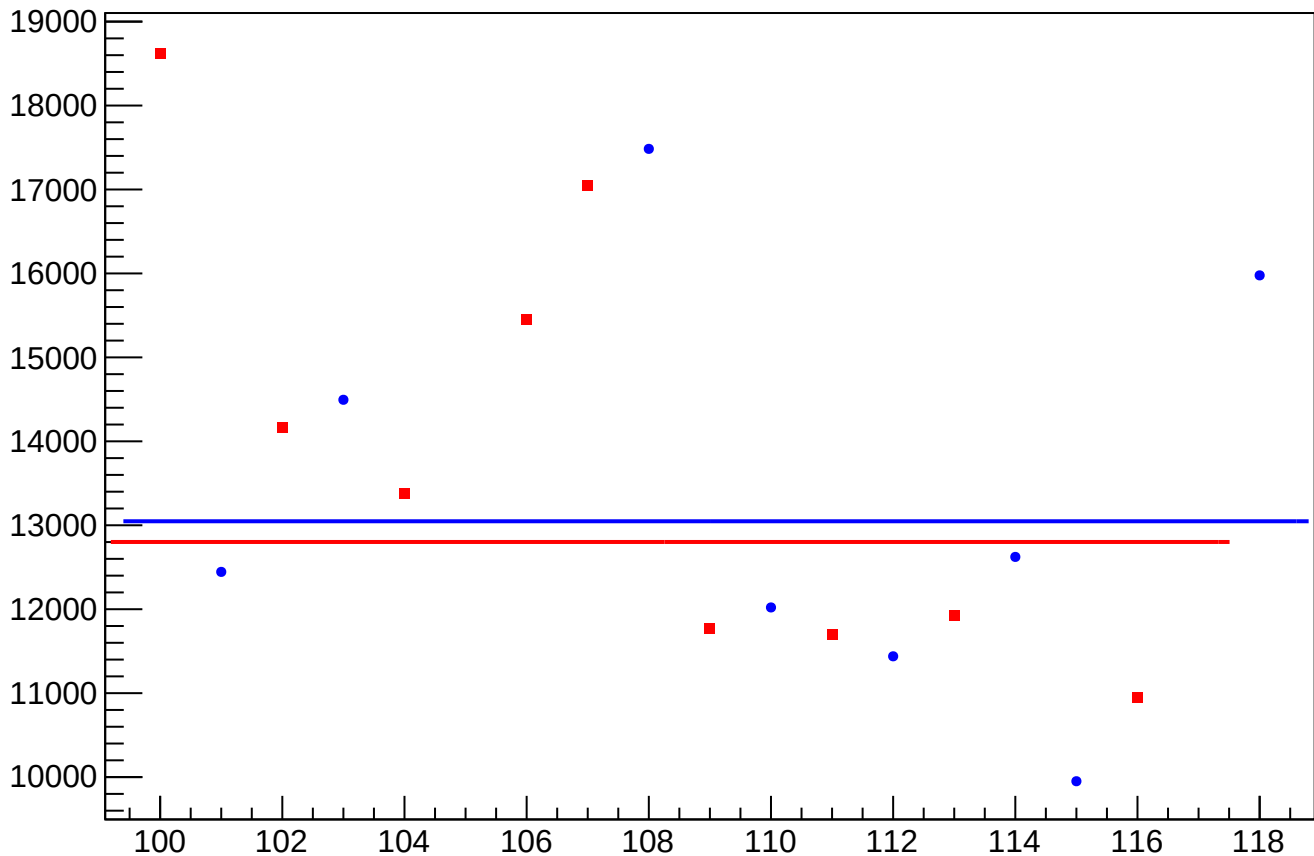
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.201+/-4.995 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13047.689 $\pm$ 5.122 χ^2 /NDF: 154922.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12801.085 $\pm$ 4.876 χ^2 /NDF: 112430.9/8

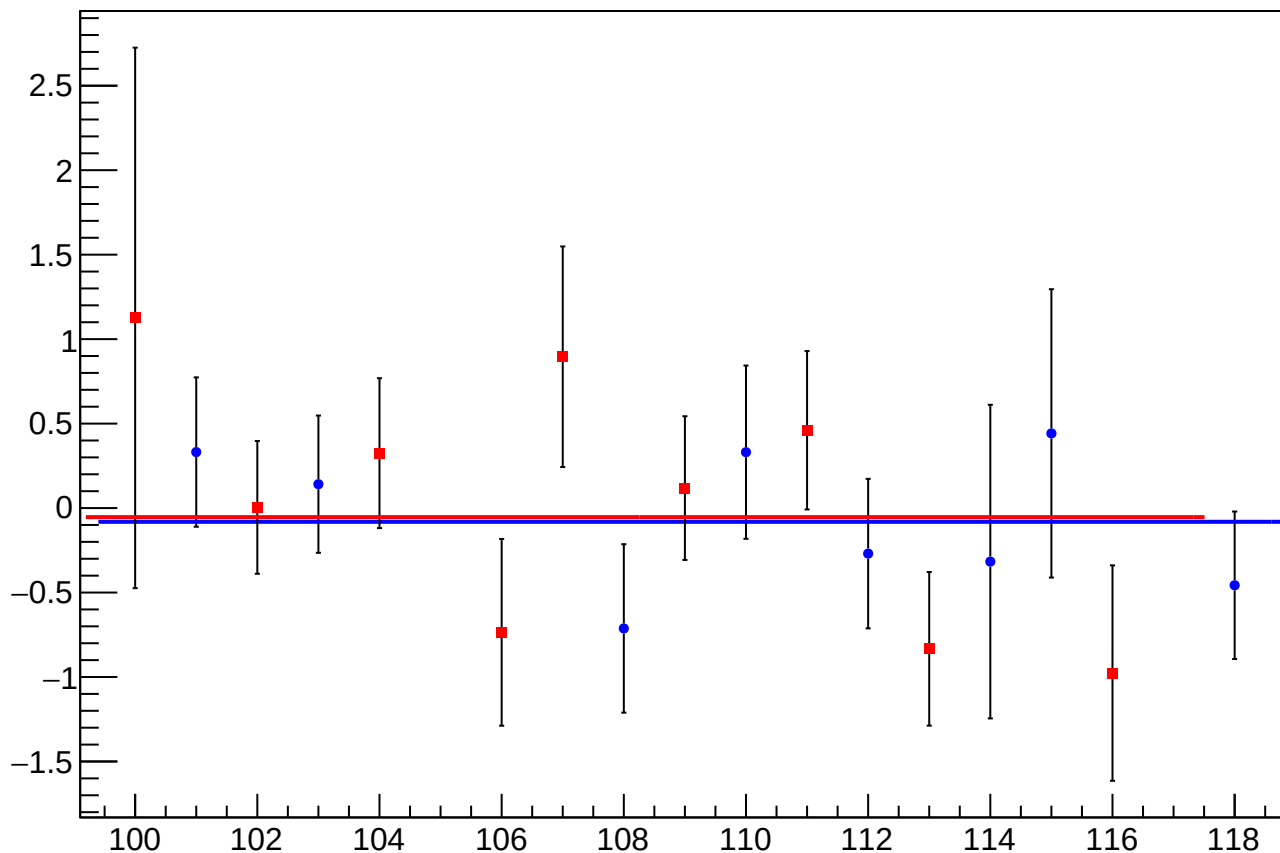
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12918.330 $\pm$ 3.532 χ^2 /NDF: 268569.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: -0.081 $\pm$ 0.177 χ^2 /NDF: 4.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.054 $\pm$ 0.169 χ^2 /NDF: 11.3/8

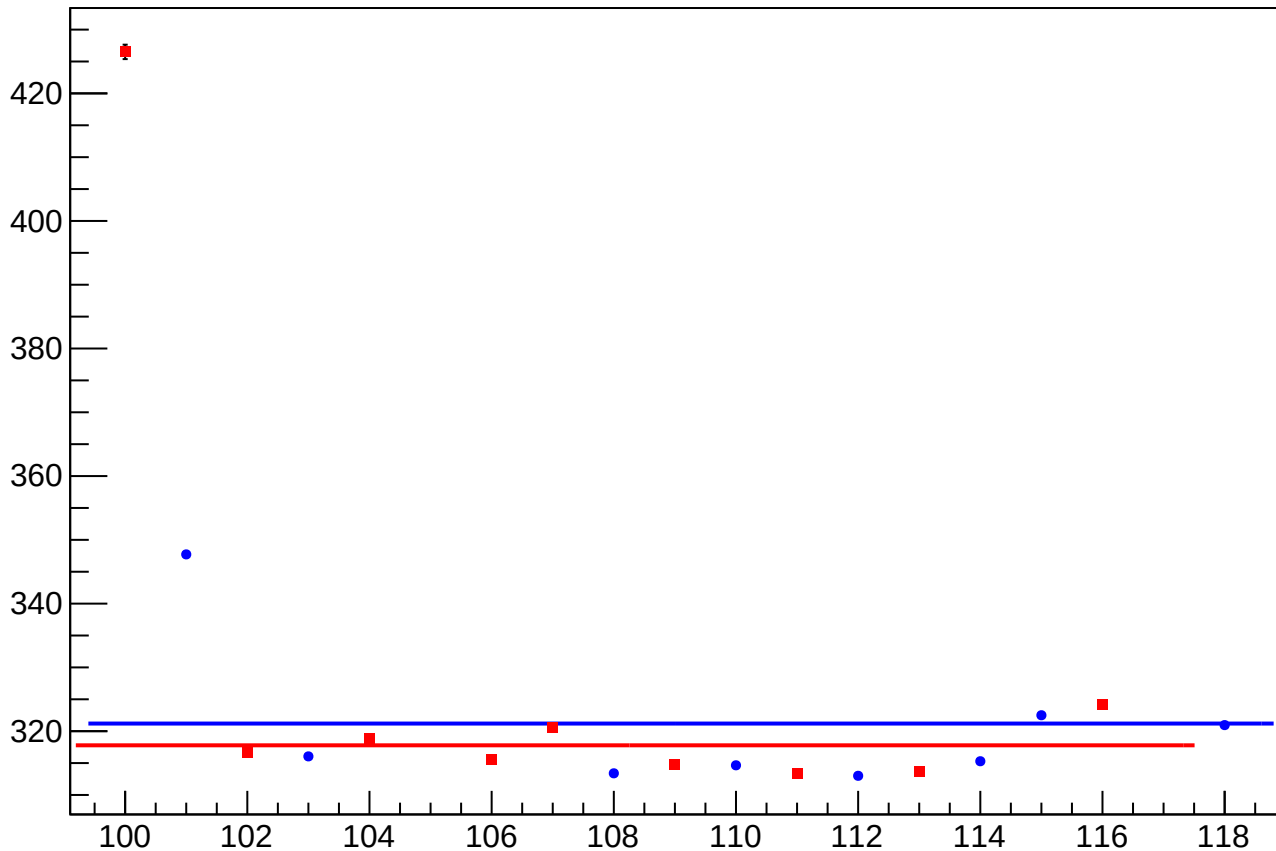
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.122 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



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: 317.785 $\pm$ 0.120 χ^2 /NDF: 9967.2/8

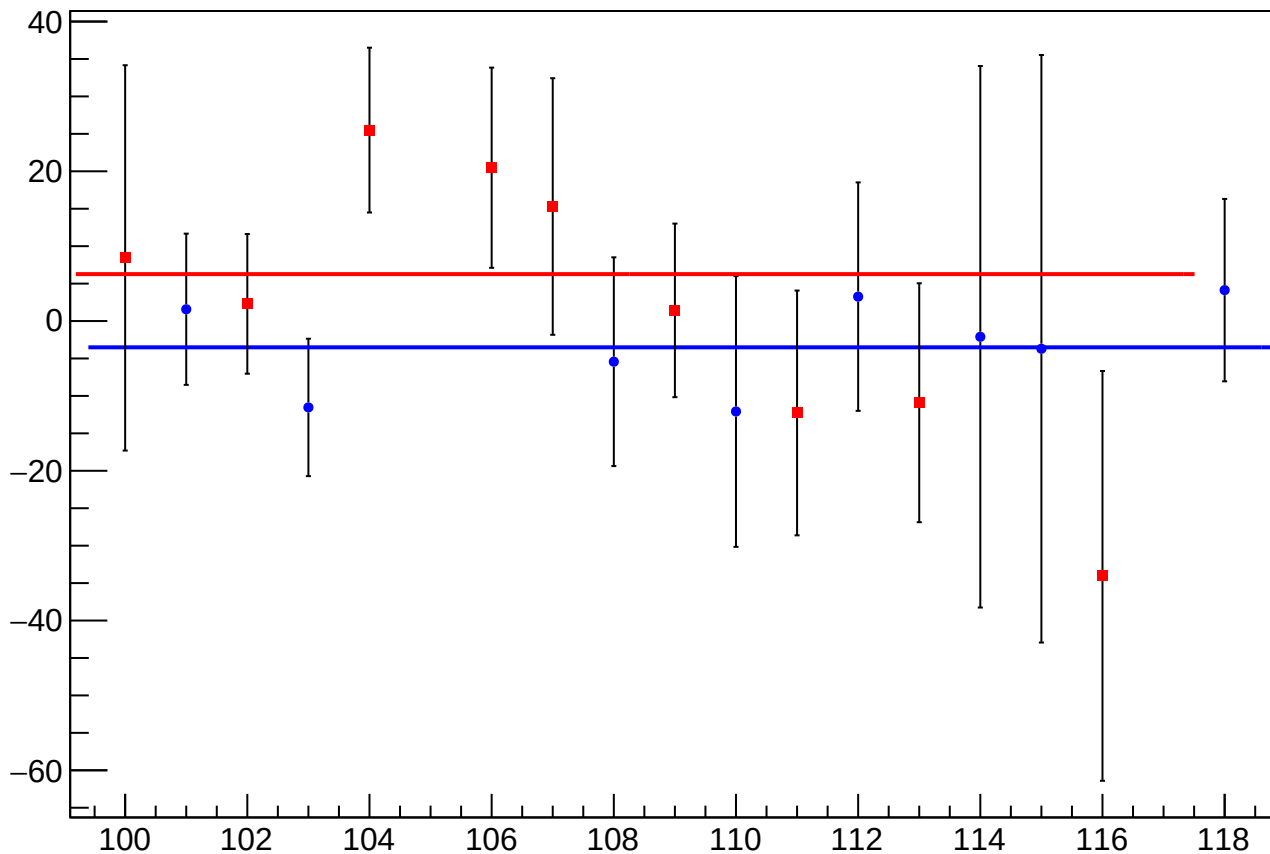
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.413 $\pm$ 0.086 χ^2 /NDF: 19461.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



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: 6.266+/-4.627 χ^2/NDF : 9.4/8

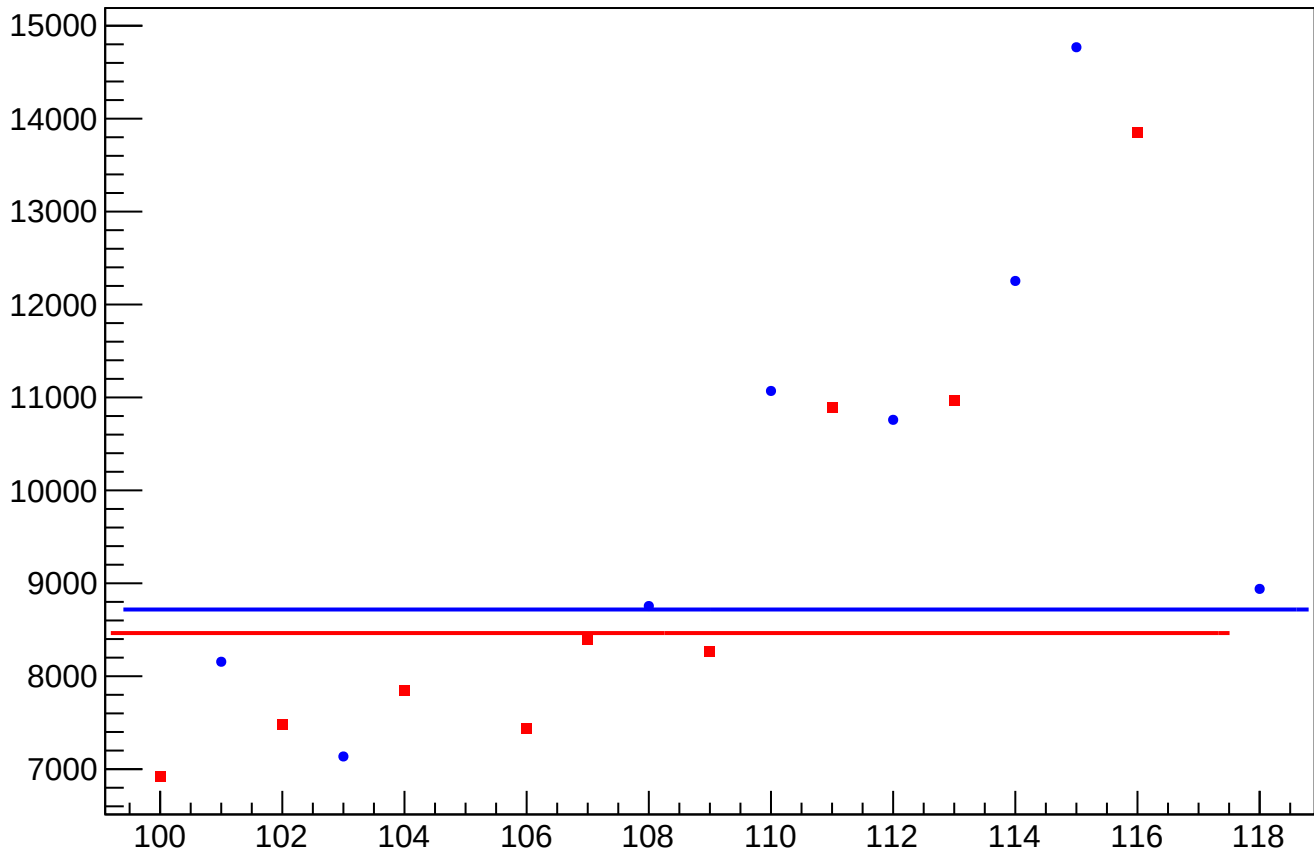
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.617+/-3.351 χ^2/NDF : 13.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



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: 8464.473+/-3.272 χ^2/NDF : 218892.0/8

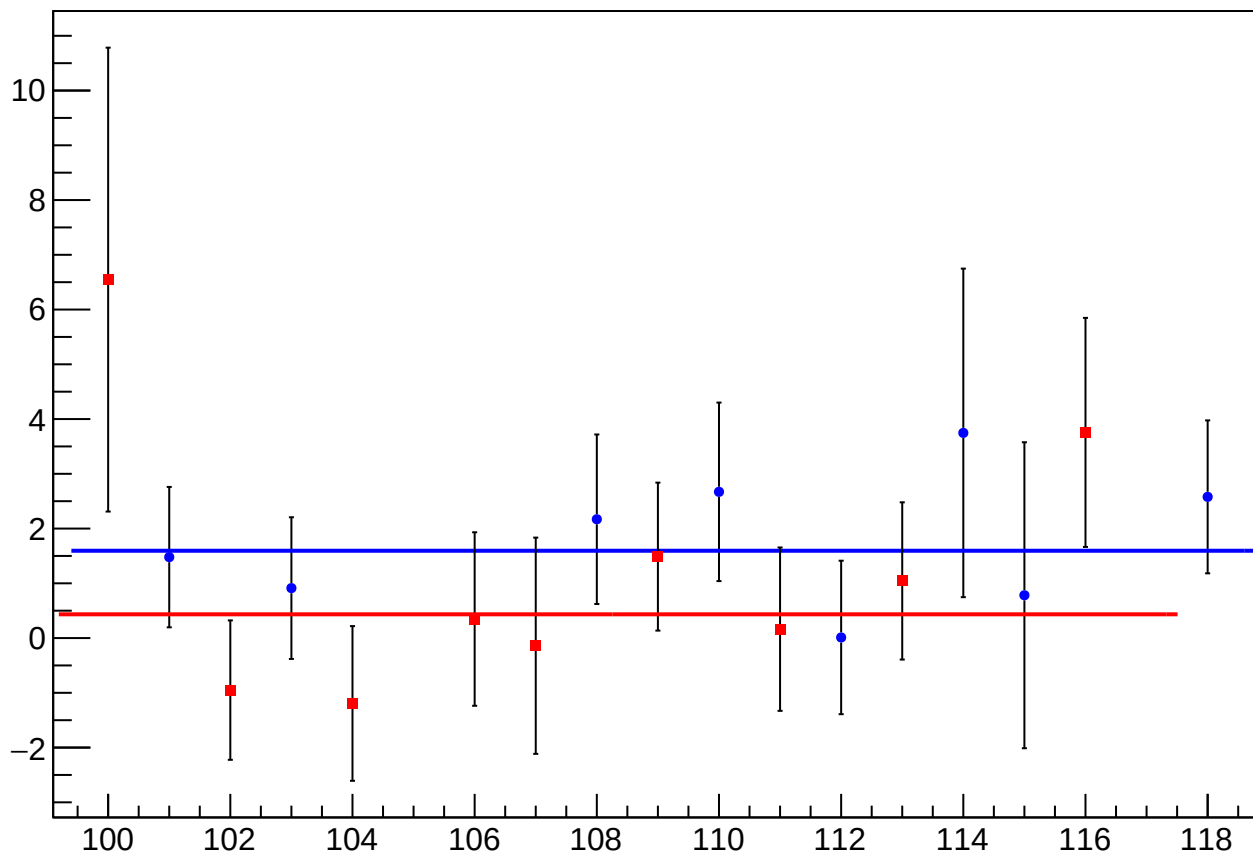
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8584.988+/-2.370 χ^2/NDF : 424362.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



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: 0.434 $\pm$ 0.532 χ^2 /NDF: 8.0/8

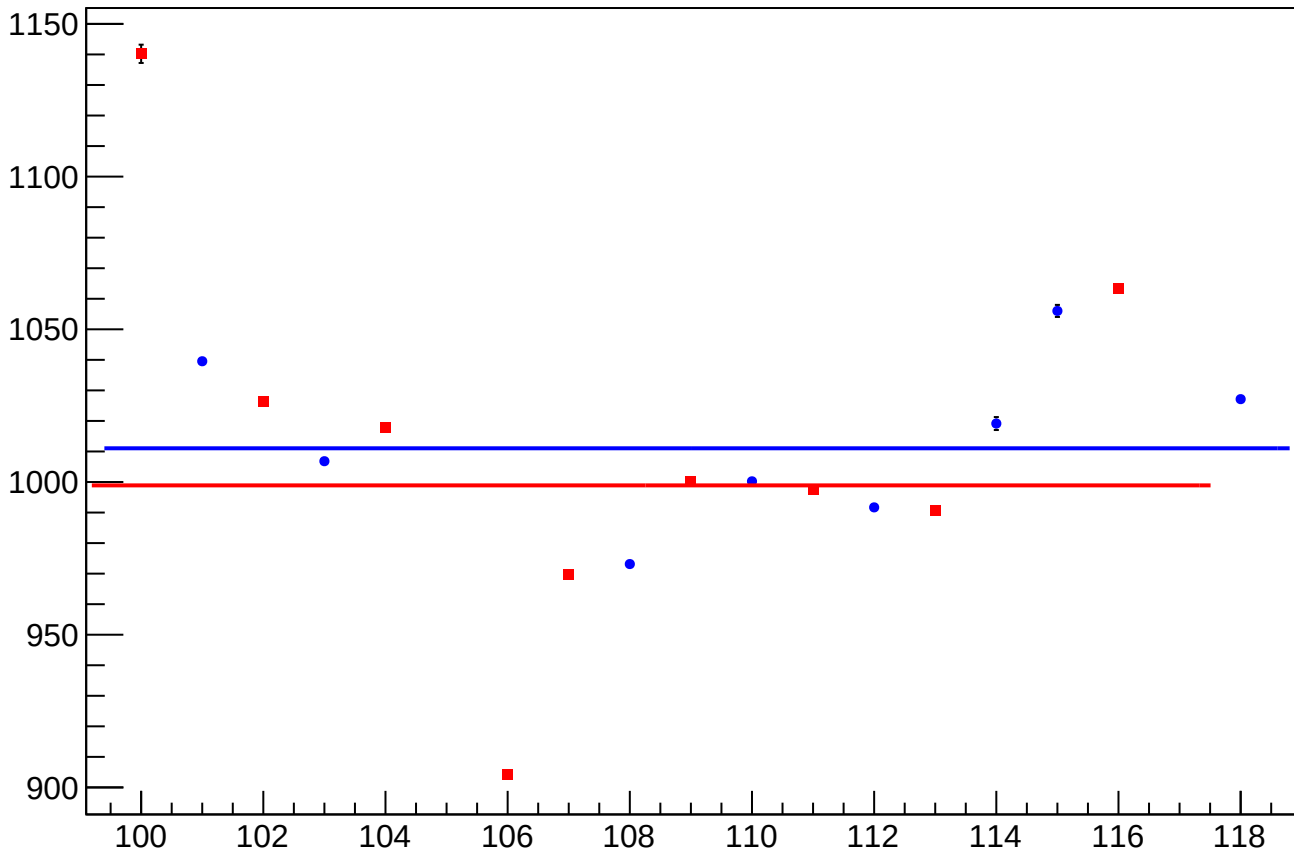
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.990 $\pm$ 0.384 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 1011.041 ± 0.392 χ^2/NDF : 3476.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 998.897 ± 0.376 χ^2/NDF : 13057.8/8

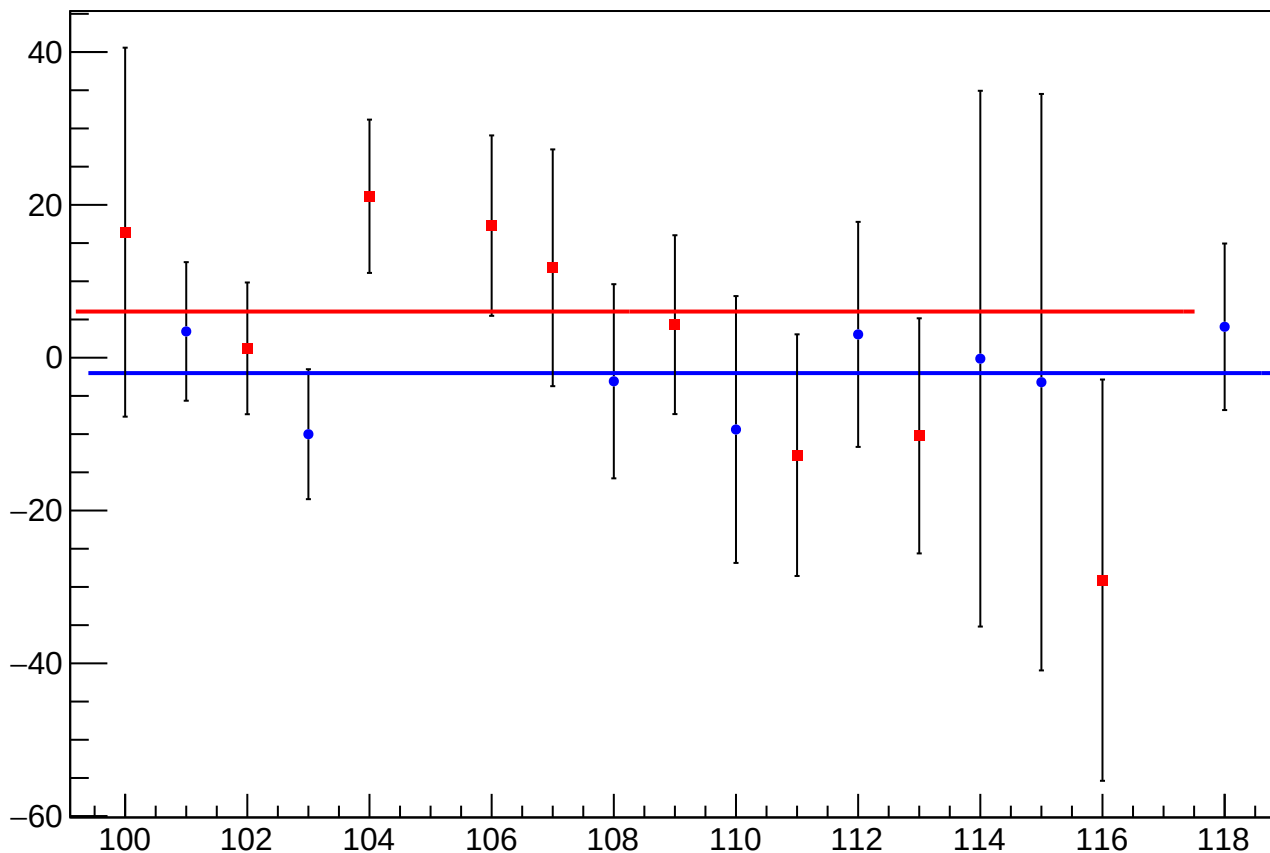
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1004.720 ± 0.271 χ^2/NDF : 17034.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -2.015+/-4.471 χ^2/NDF : 1.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.040+/-4.326 χ^2/NDF : 8.1/8

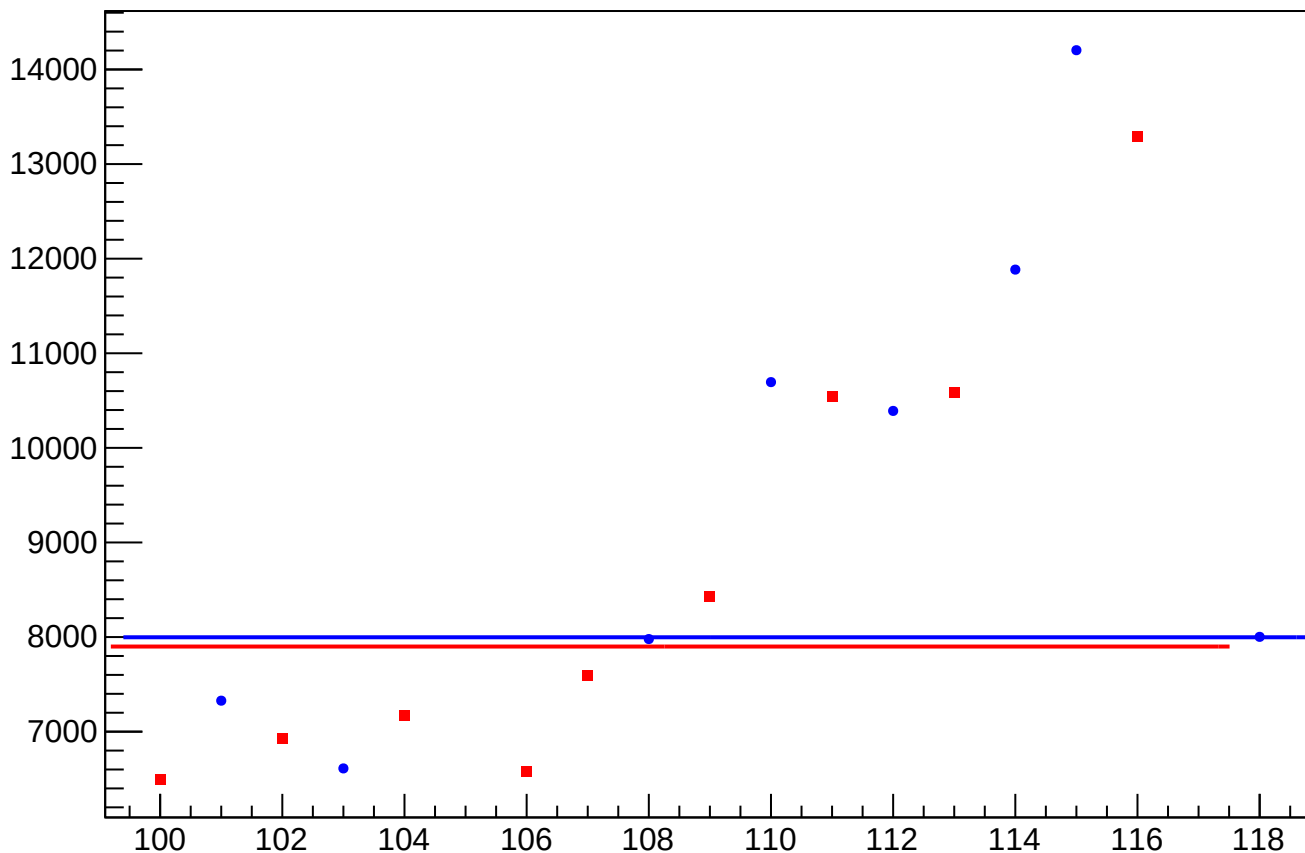
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.145+/-3.109 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 7997.807+/-3.162 χ^2/NDF : 243361.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

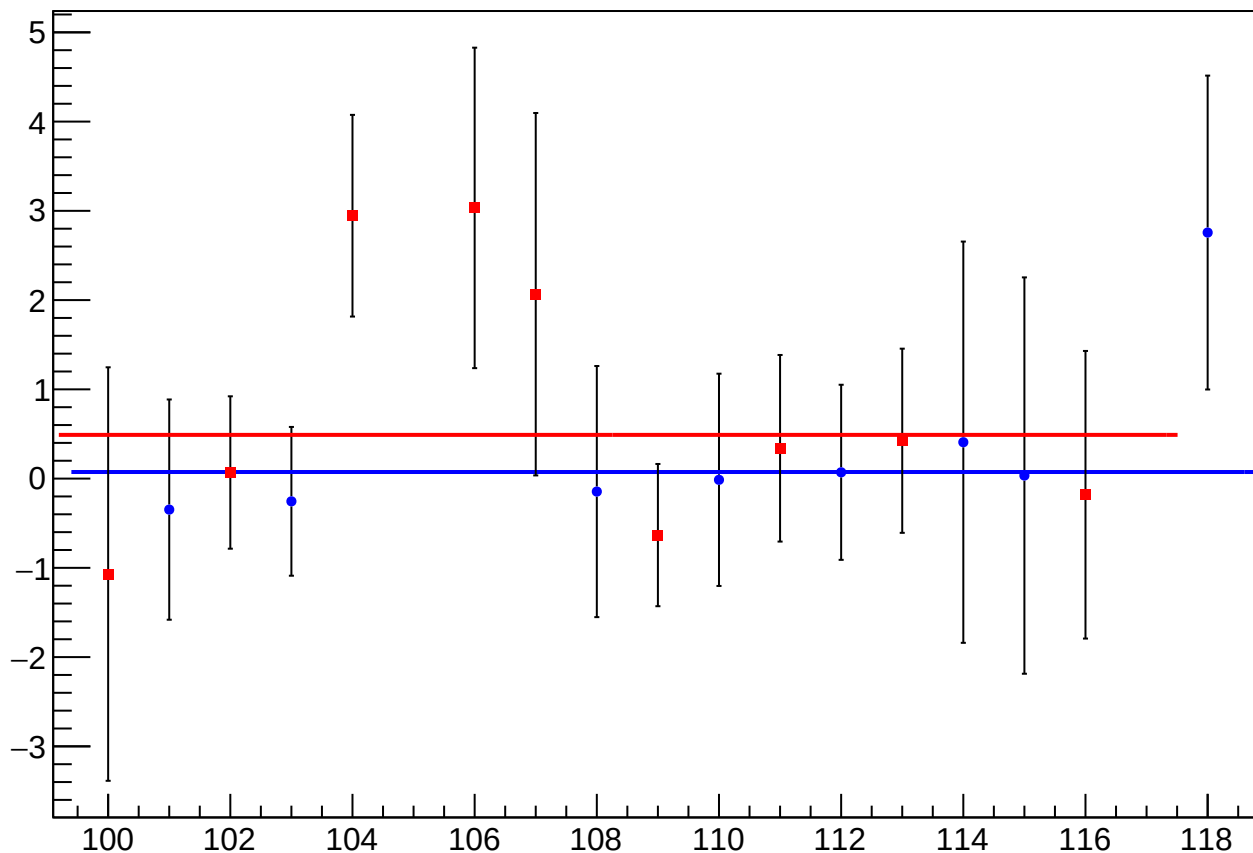
Right Out: 7899.832+/-3.059 χ^2/NDF : 274103.6/8

All: 7947.206+/-2.198 χ^2/NDF : 517961.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: 0.074 $\pm$ 0.444 χ^2 /NDF: 2.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.490 $\pm$ 0.386 χ^2 /NDF: 10.2/8

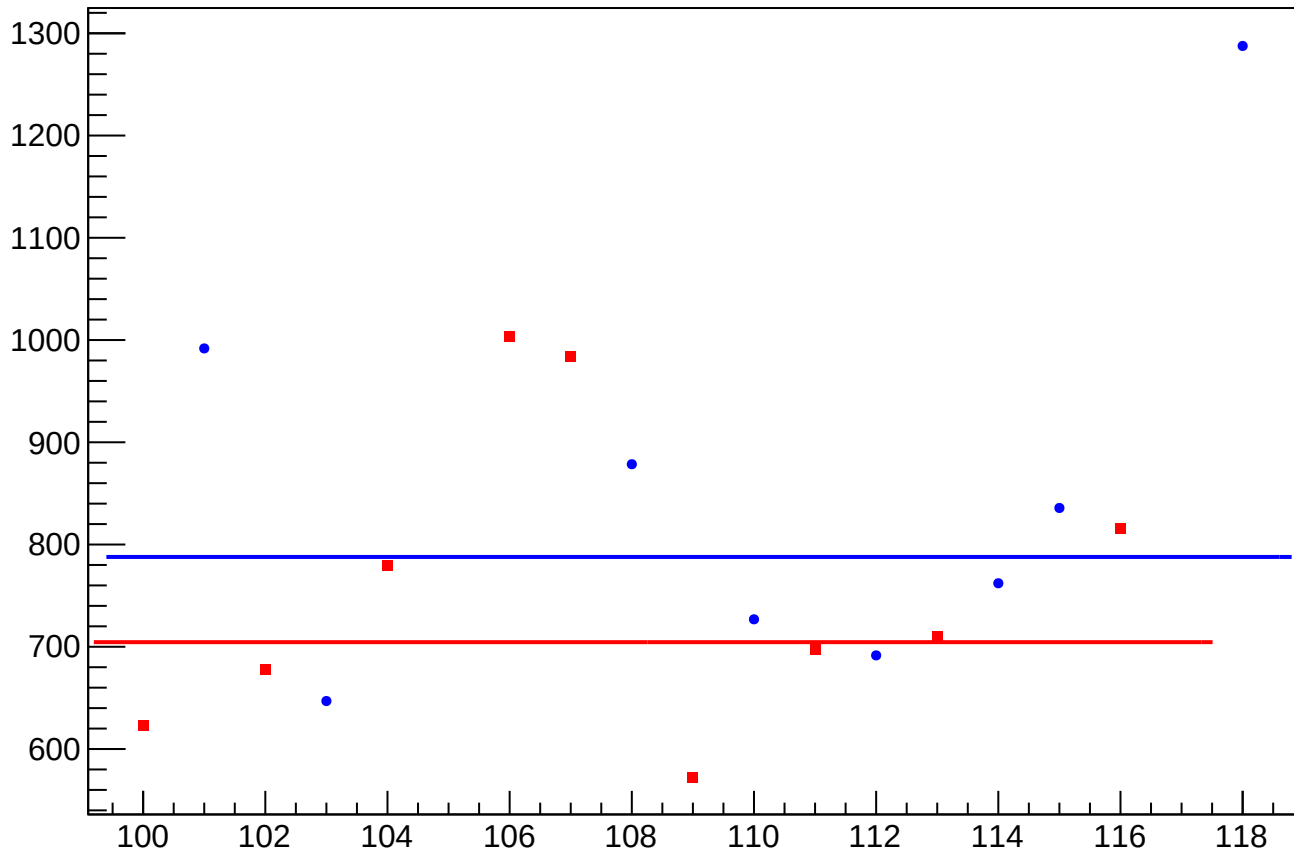
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.311 $\pm$ 0.291 χ^2 /NDF: 13.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 787.854+/-0.314 χ^2/NDF : 307395.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.508+/-0.273 χ^2/NDF : 170983.8/8

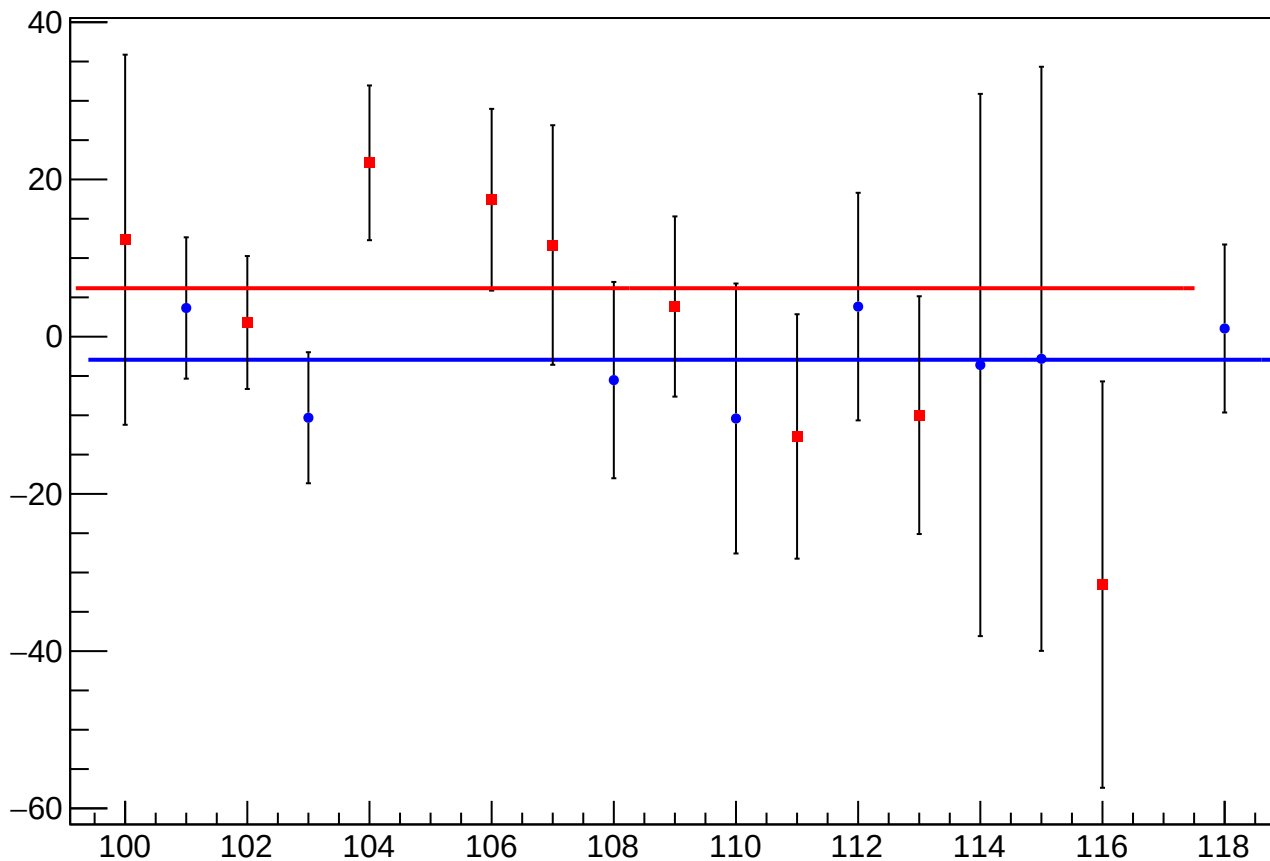
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.391+/-0.206 χ^2/NDF : 518509.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -2.936 $\pm$ 4.399 χ^2 /NDF: 1.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.163 $\pm$ 4.244 χ^2 /NDF: 8.8/8

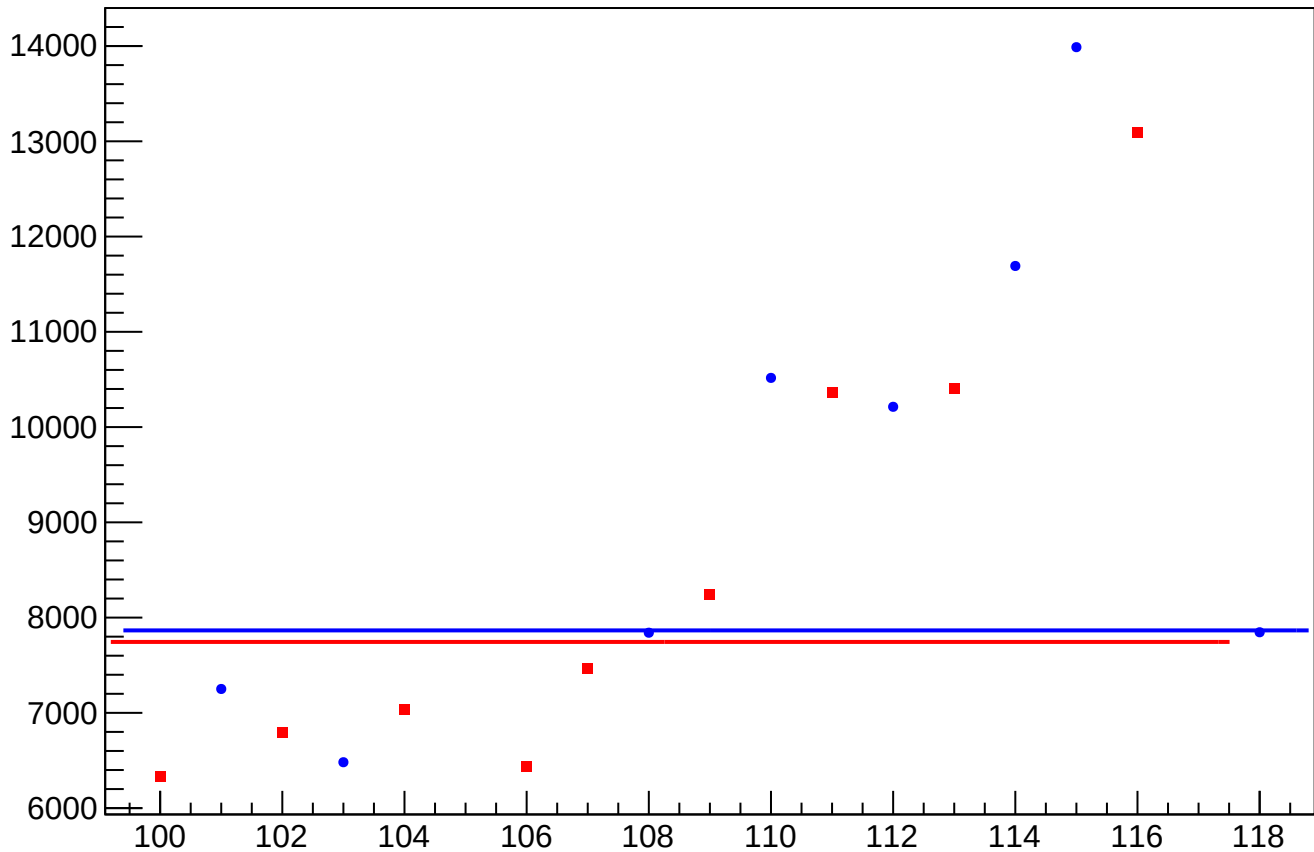
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.778 $\pm$ 3.054 χ^2 /NDF: 12.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



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: 7744.601+/-3.001 χ^2/NDF : 277398.1/8

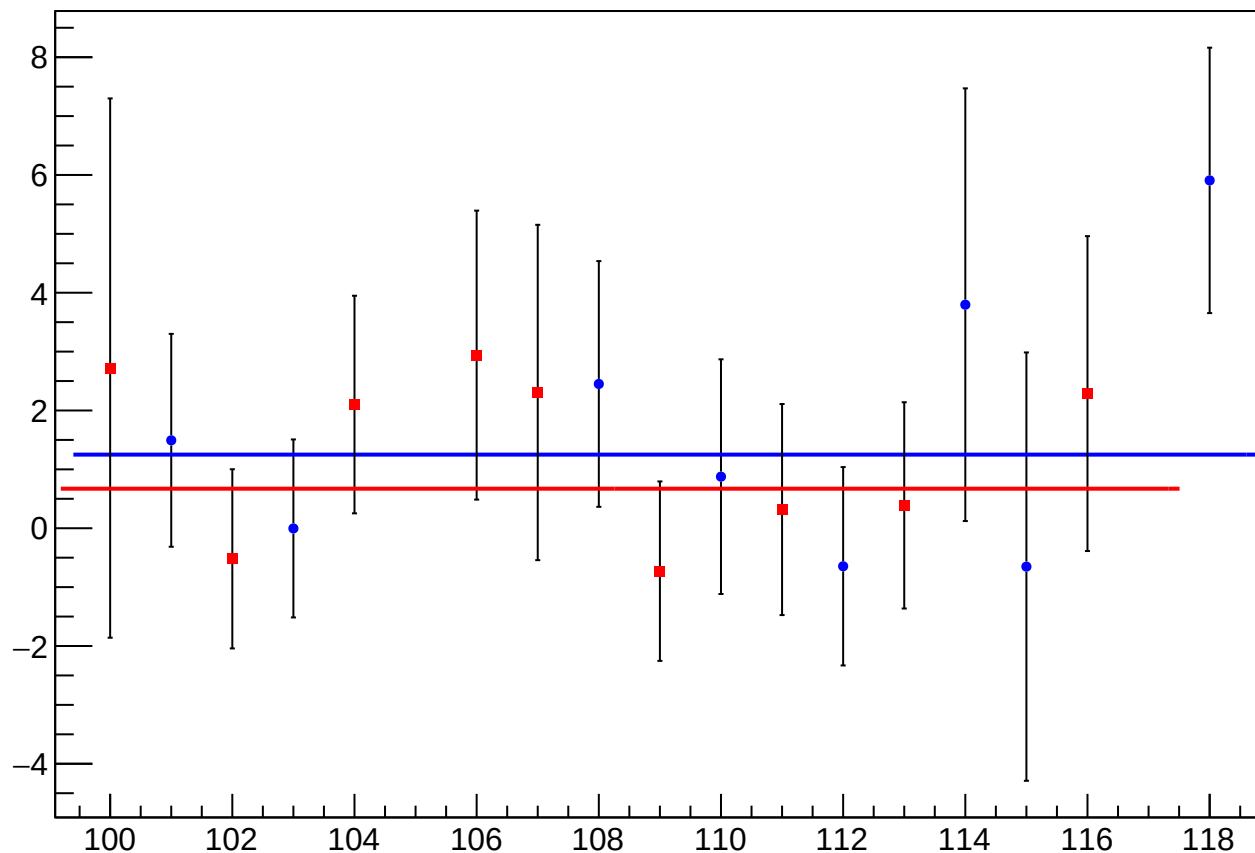
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7802.914+/-2.160 χ^2/NDF : 521874.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_mean vs Slug



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: 0.672 $\pm$ 0.664 χ^2 /NDF: 3.9/8

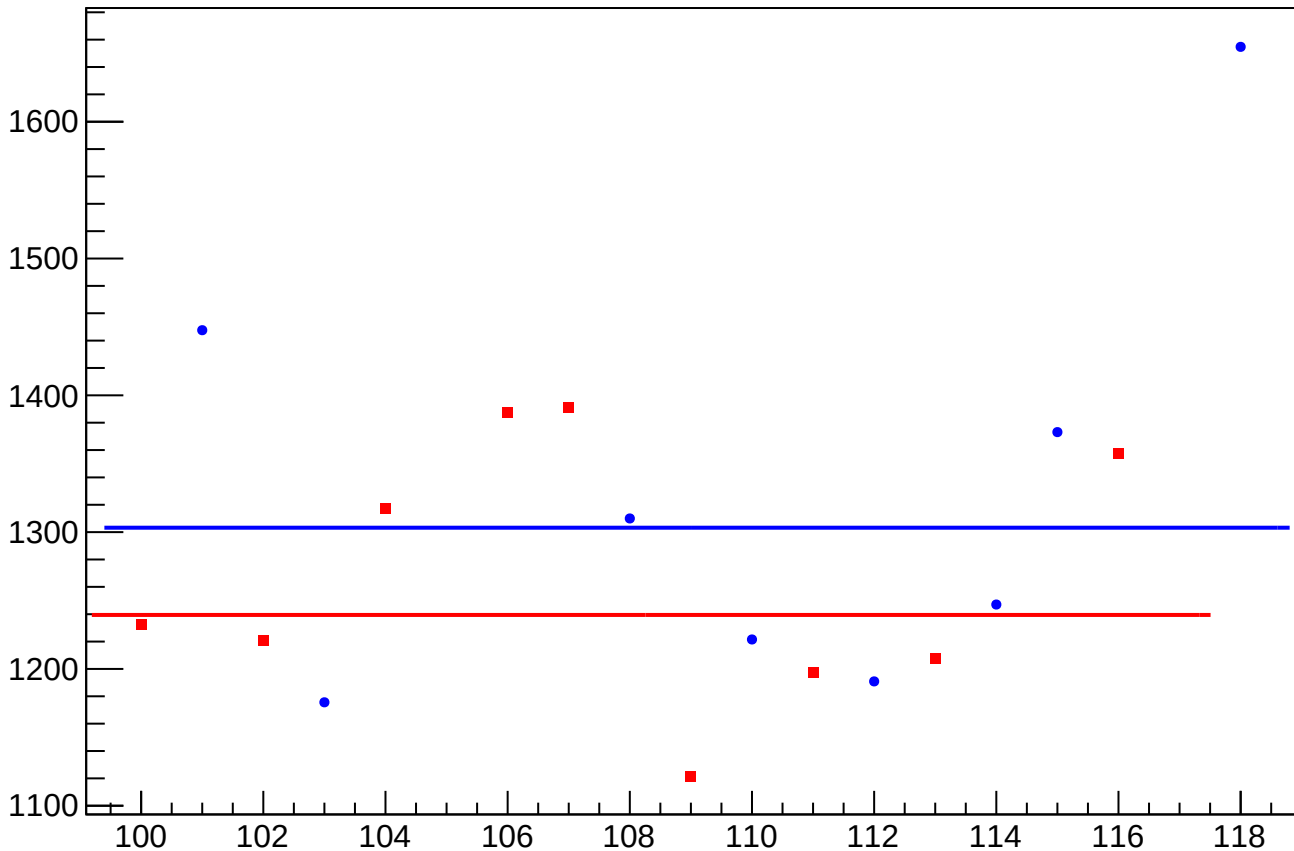
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.937 $\pm$ 0.488 χ^2 /NDF: 11.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1303.238 $\pm$ 0.510 χ^2 /NDF: 89134.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1239.464 $\pm$ 0.469 χ^2 /NDF: 34474.5/8

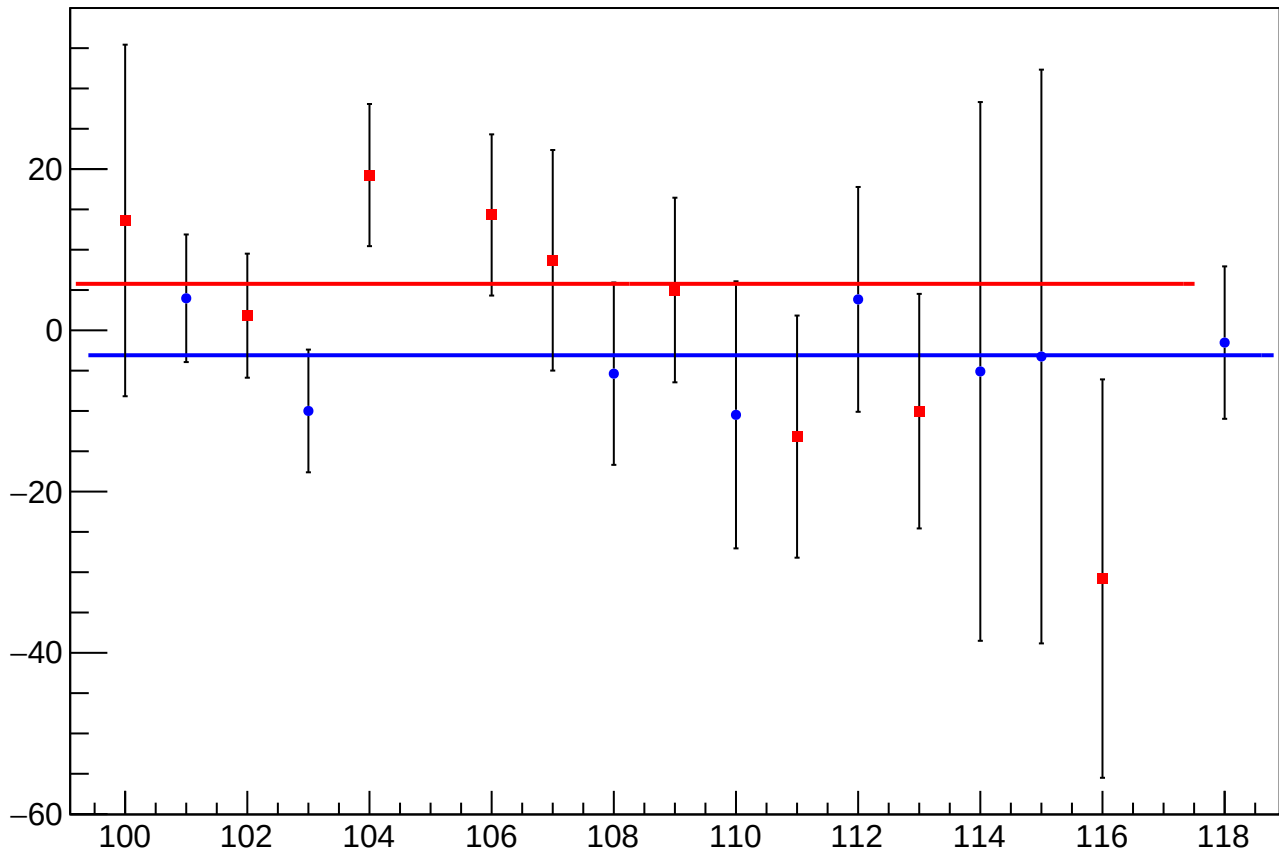
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1268.723 $\pm$ 0.345 χ^2 /NDF: 132078.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



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: 5.768+/-3.903 χ^2/NDF : 8.5/8

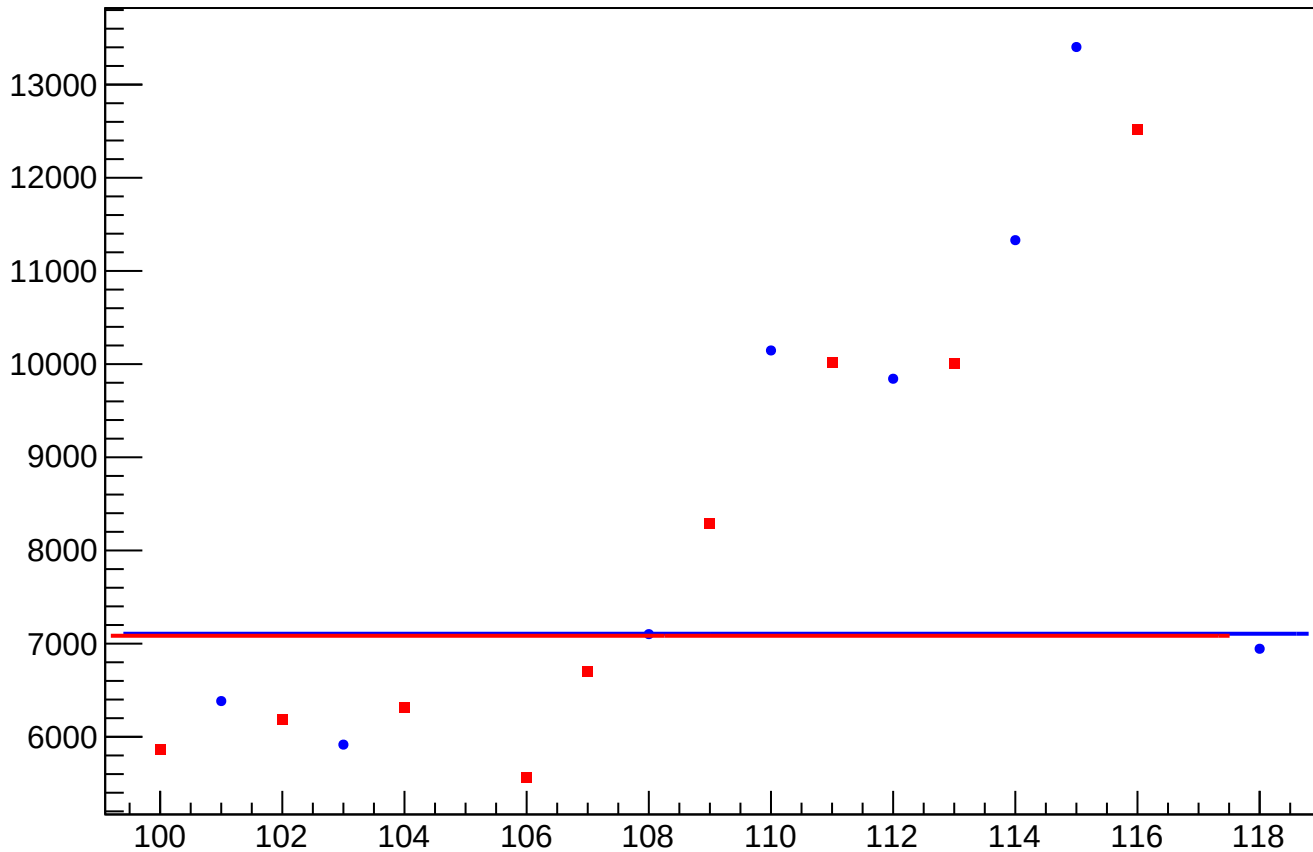
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.440+/-2.791 χ^2/NDF : 13.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7106.265 $\pm$ 2.823 χ^2 /NDF: 305200.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7084.663 $\pm$ 2.760 χ^2 /NDF: 372201.5/8

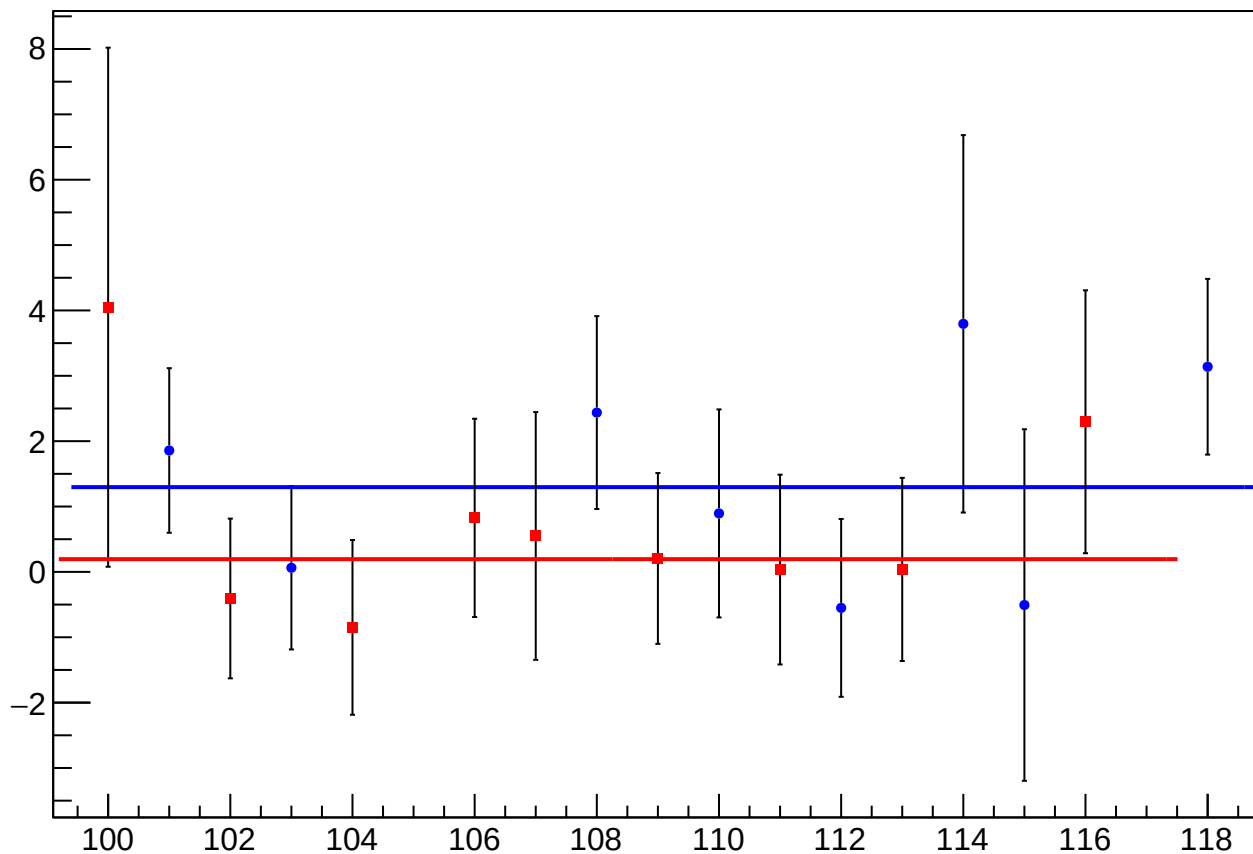
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7095.218 $\pm$ 1.974 χ^2 /NDF: 677431.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



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: 0.195 $\pm$ 0.511 χ^2 /NDF: 3.1/8

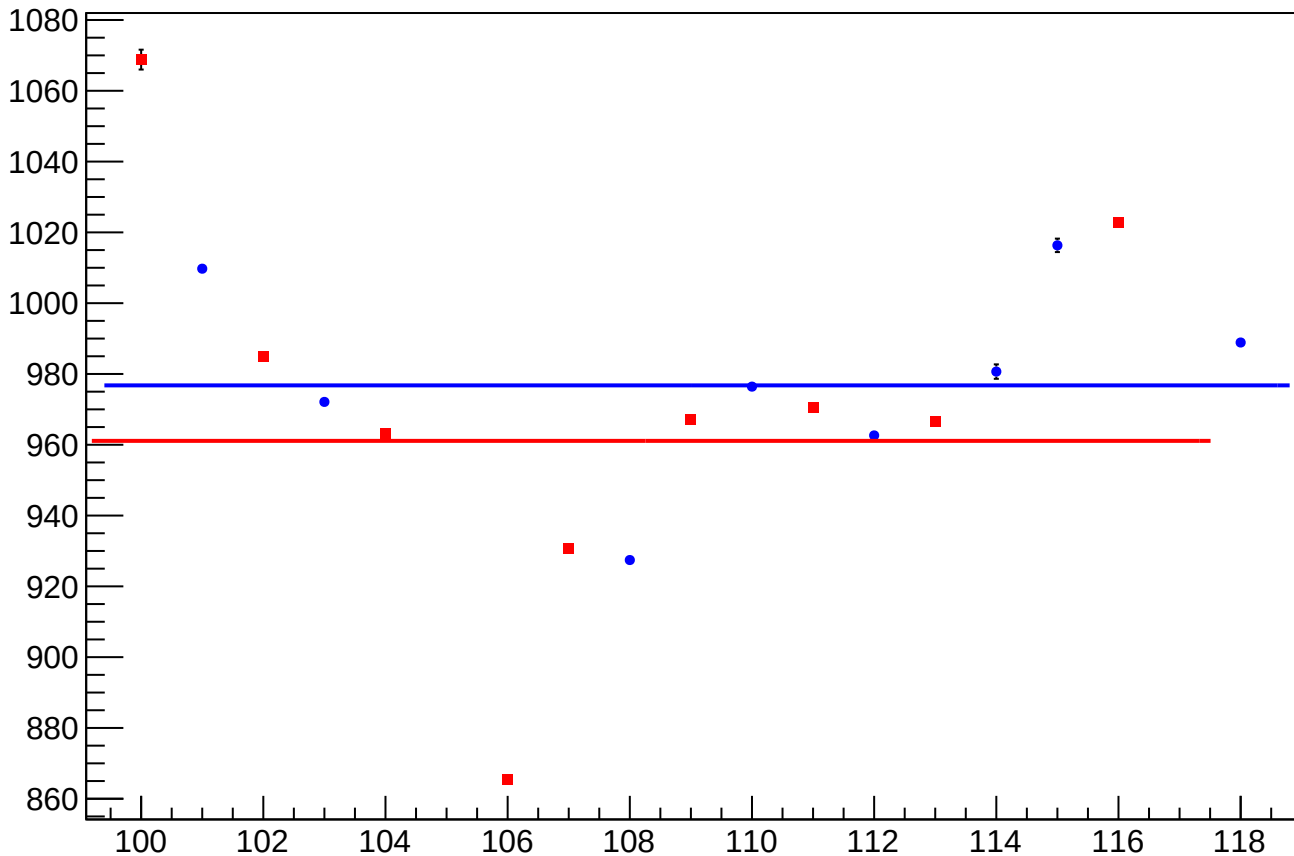
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.720 $\pm$ 0.370 χ^2 /NDF: 12.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



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: 961.101 $\pm$ 0.362 χ^2 /NDF: 12725.0/8

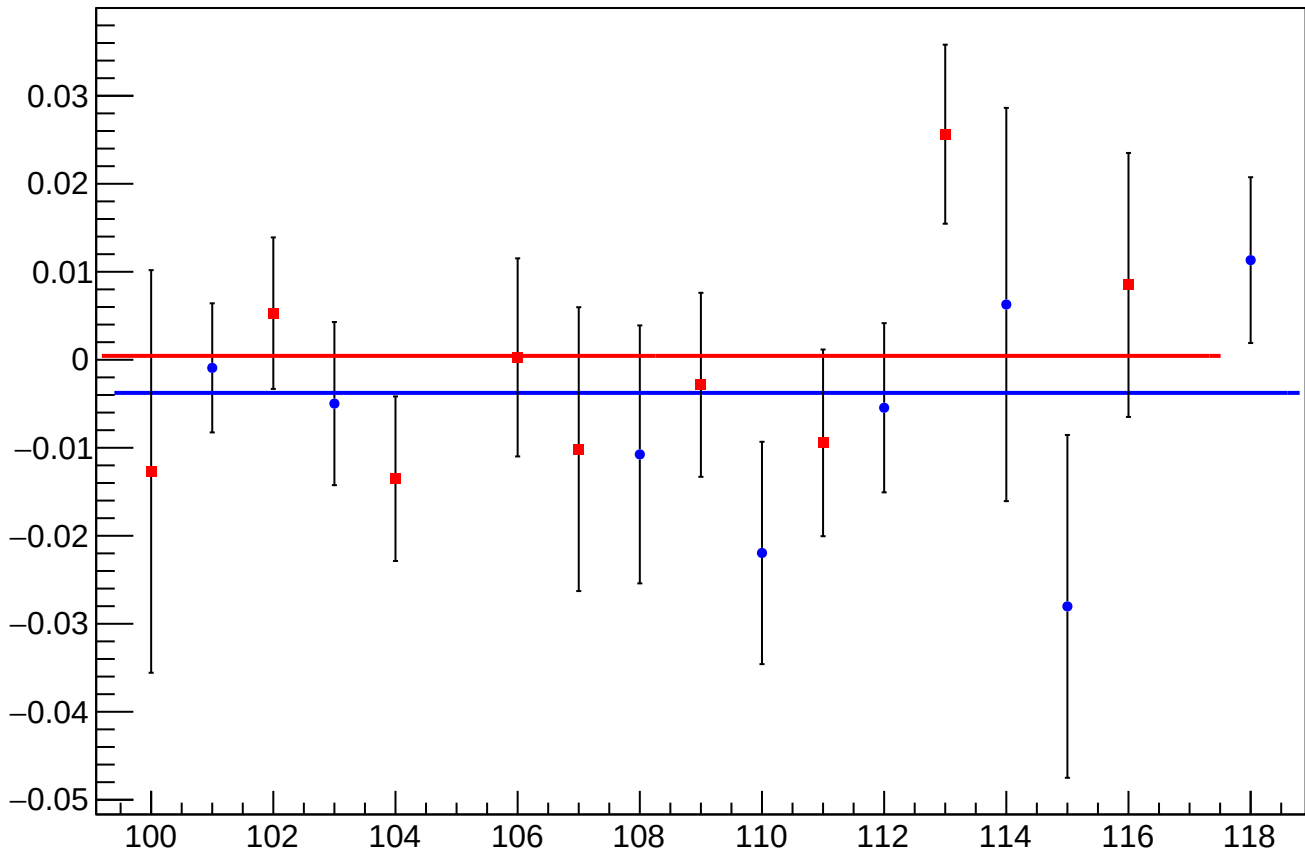
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 968.568 $\pm$ 0.262 χ^2 /NDF: 18070.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



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 $\pm$ 0.004 χ^2 /NDF: 10.7/8

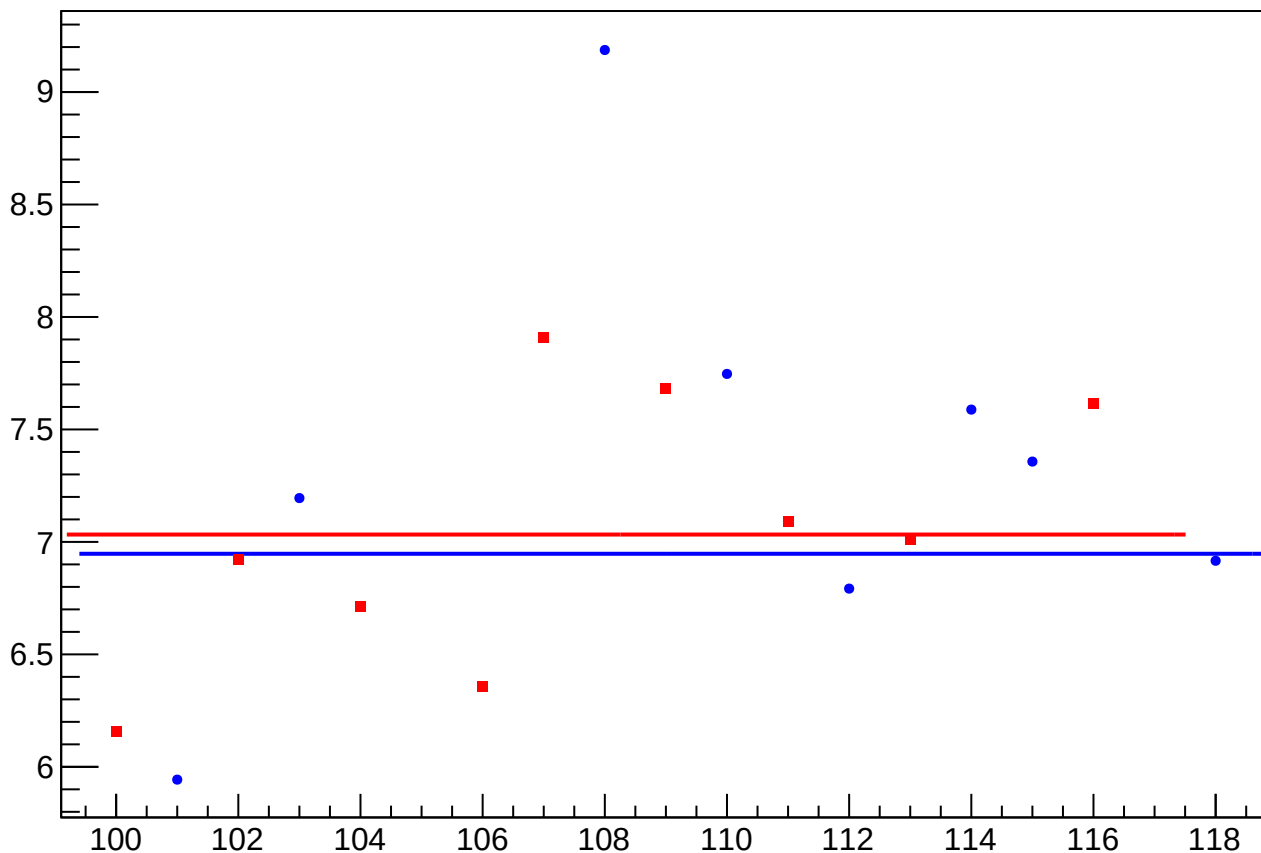
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.003 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 6.947 $\pm$ 0.003 χ^2 /NDF: 96675.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.033 $\pm$ 0.003 χ^2 /NDF: 29504.3/8

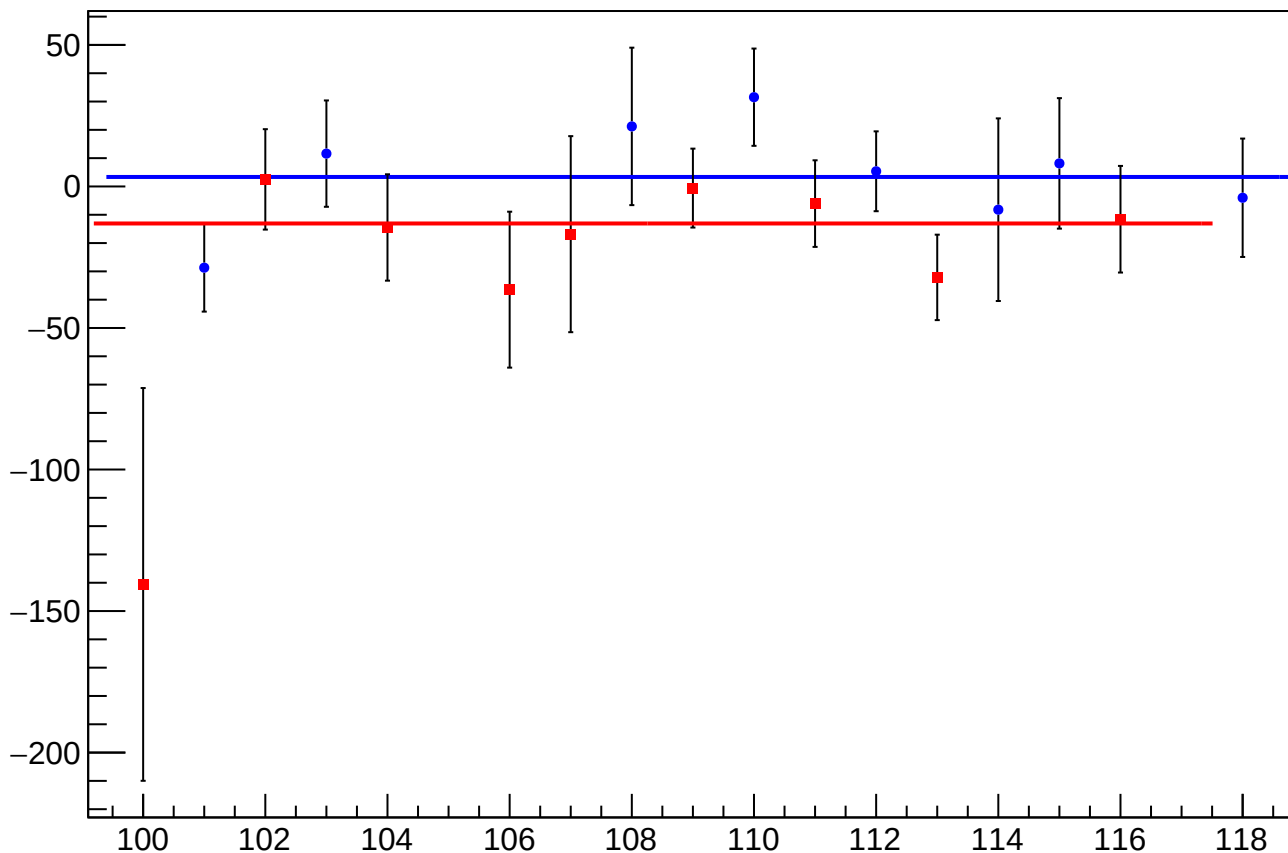
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.991 $\pm$ 0.002 χ^2 /NDF: 126685.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



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: -13.078 $\pm$ 6.324 χ^2 /NDF: 7.5/8

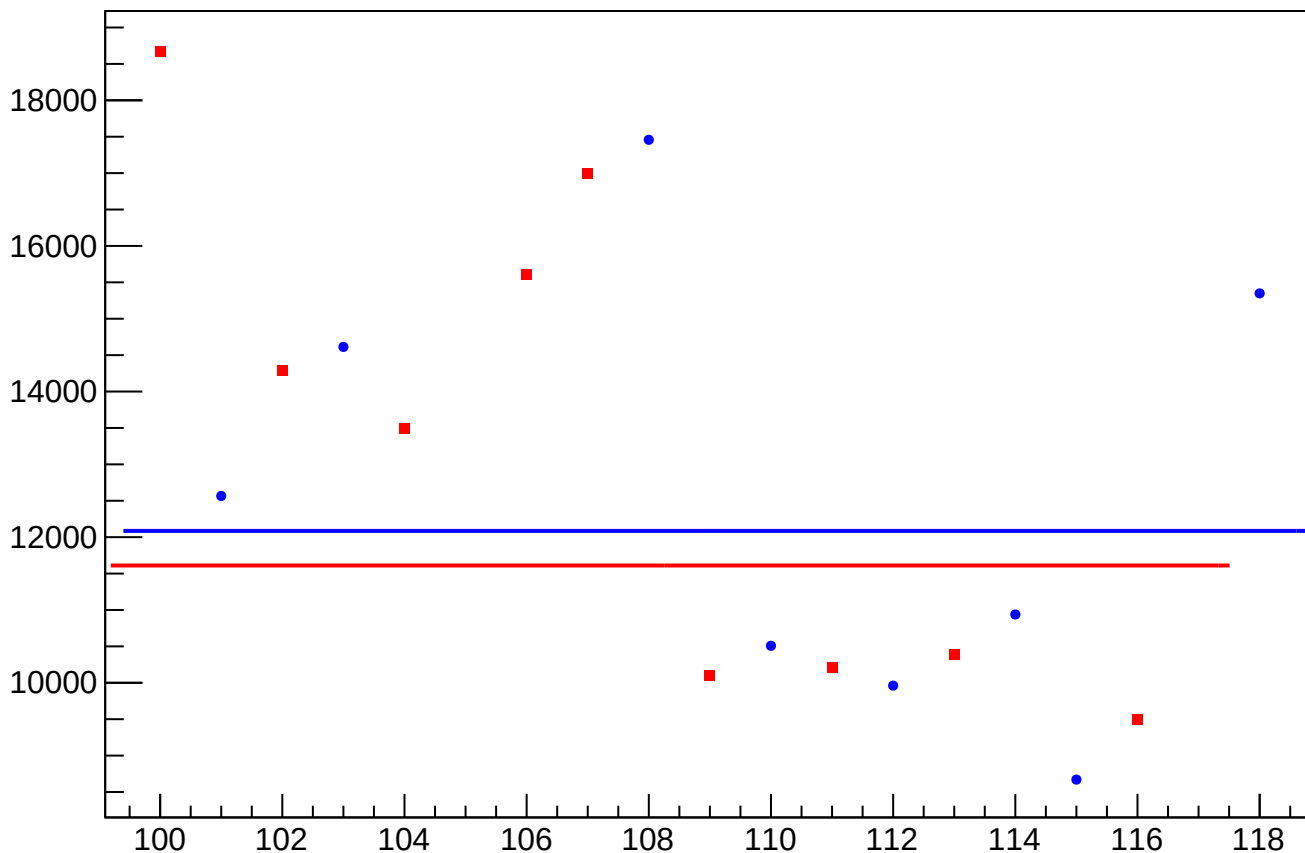
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.419 $\pm$ 4.621 χ^2 /NDF: 18.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_rms vs Slug



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: 11610.890+/-4.472 χ^2/NDF : 254875.1/8

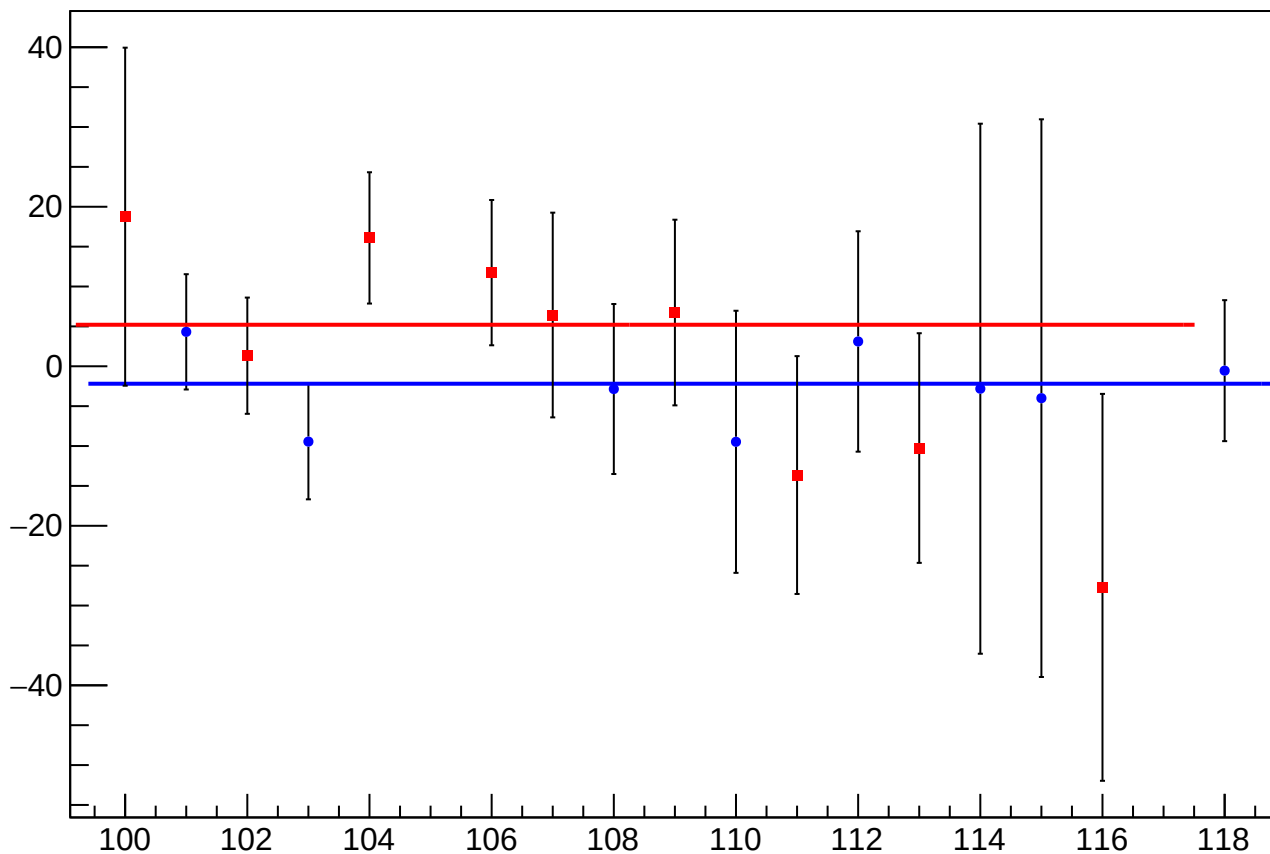
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11832.377+/-3.268 χ^2/NDF : 530225.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



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: 5.205+/-3.718 χ^2/NDF : 7.6/8

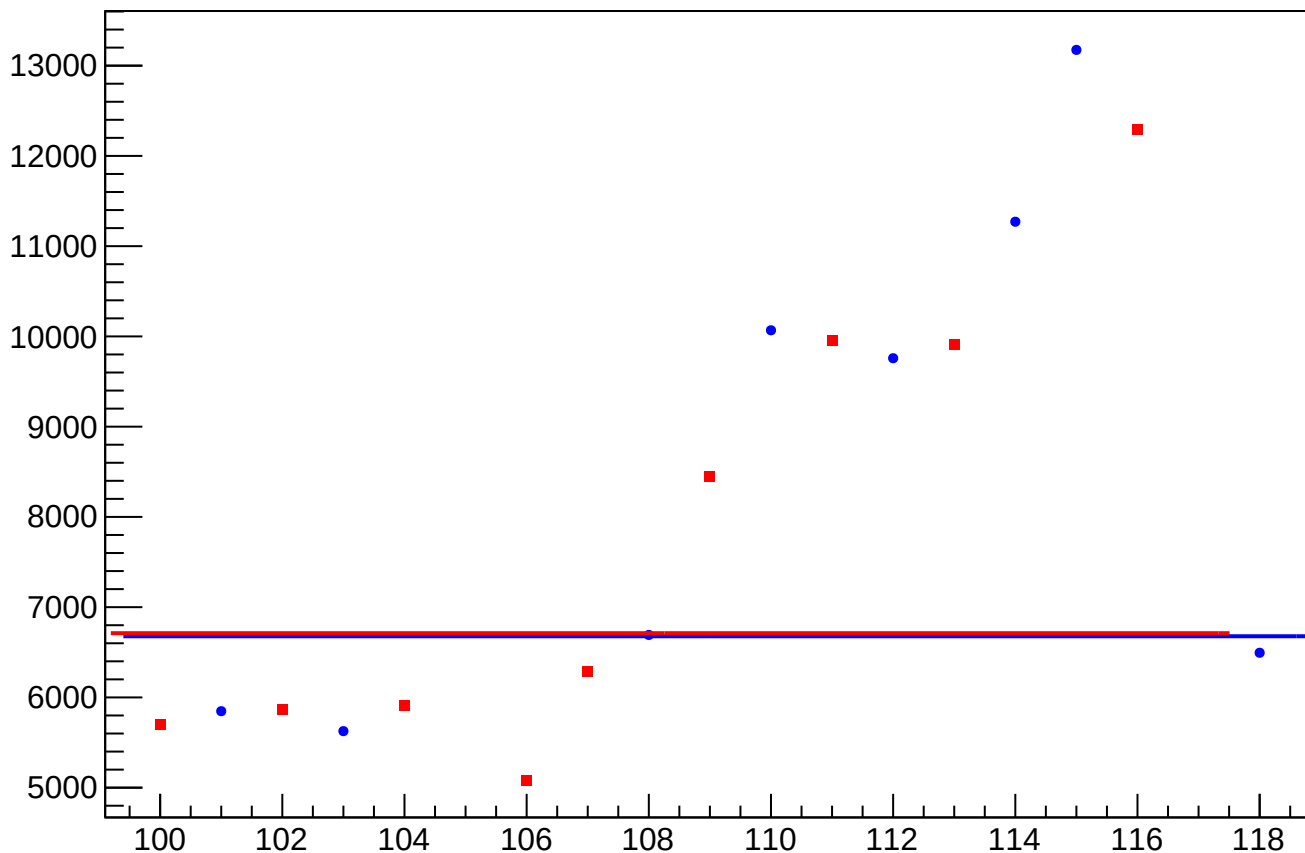
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.556+/-2.646 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 6677.709+/-2.663 χ^2/NDF : 361297.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

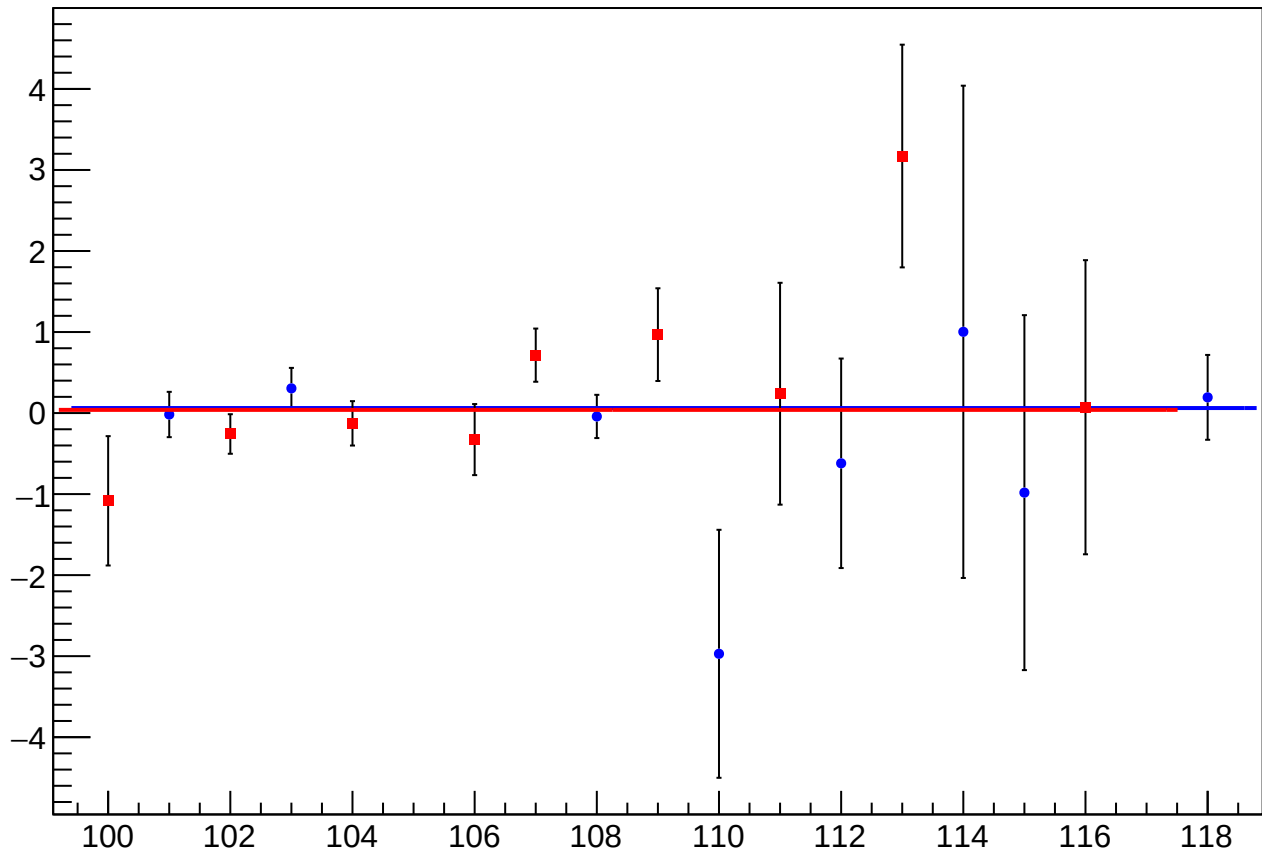
Right Out: 6711.643+/-2.629 χ^2/NDF : 460225.1/8

All: 6694.896+/-1.871 χ^2/NDF : 821605.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



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: 0.039 $\pm$ 0.141 χ^2 /NDF: 16.6/8

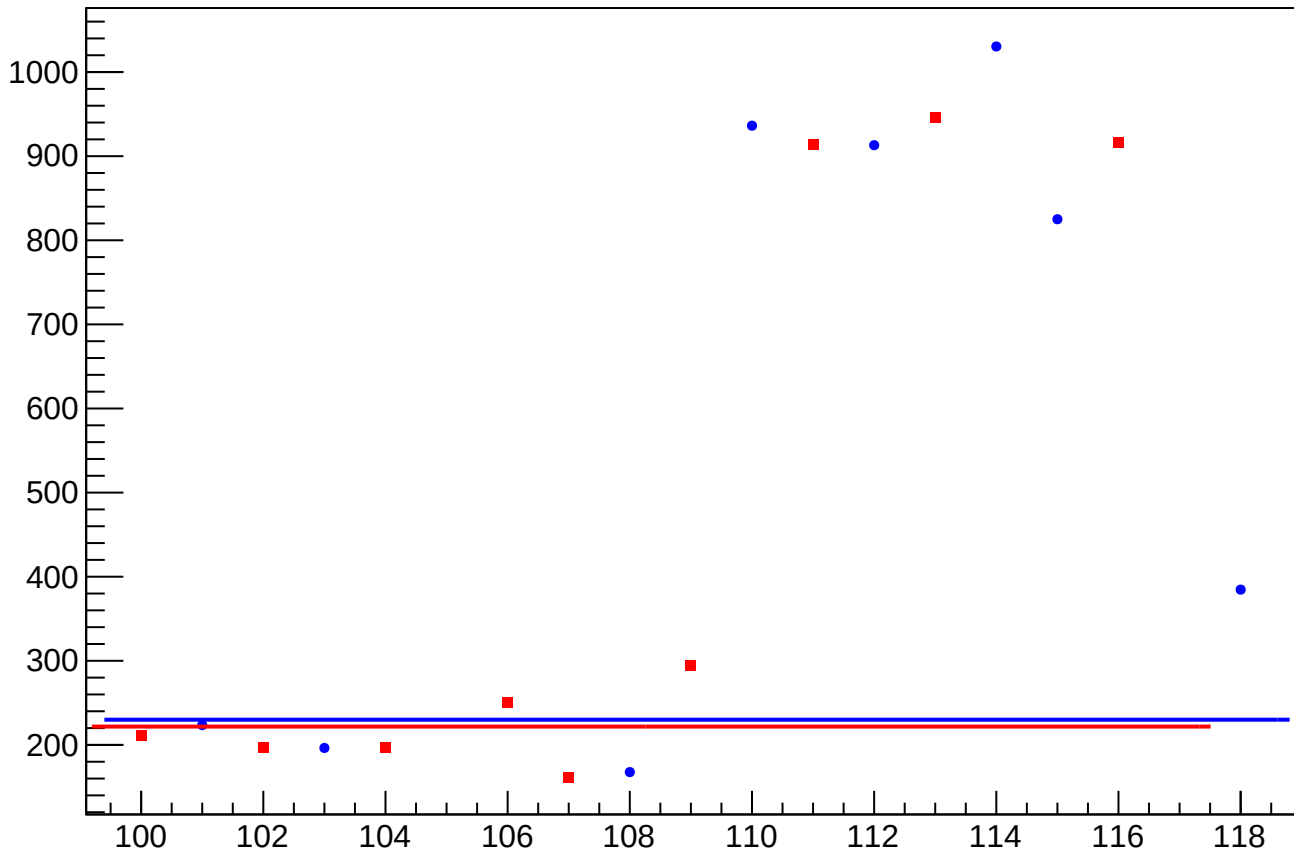
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.050 $\pm$ 0.101 χ^2 /NDF: 22.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 229.982 $\pm$ 0.103 χ^2 /NDF: 1591017.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 221.818 $\pm$ 0.099 χ^2 /NDF: 1508019.2/8

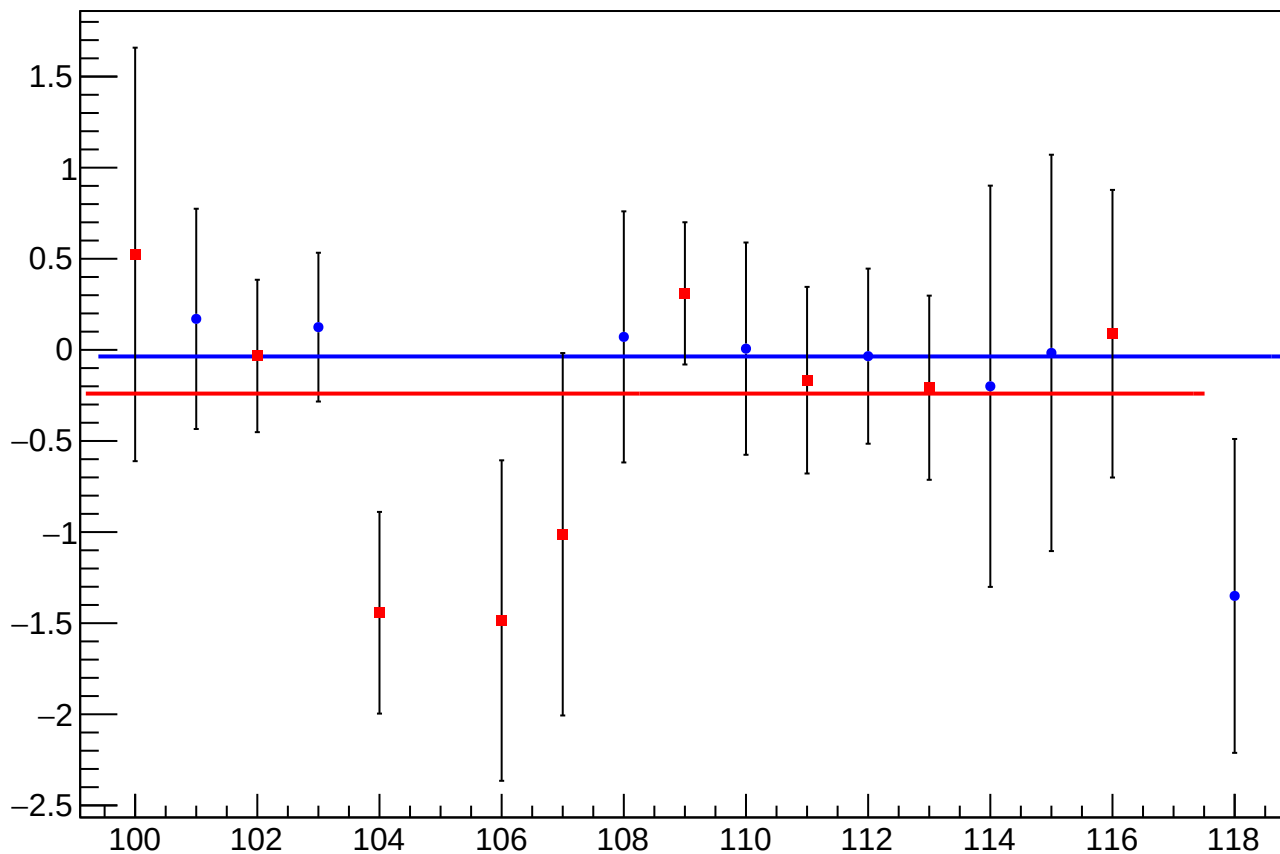
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.772 $\pm$ 0.071 χ^2 /NDF: 3102303.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_mean vs Slug



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: -0.240 ± 0.189 χ^2/NDF : 10.2/8

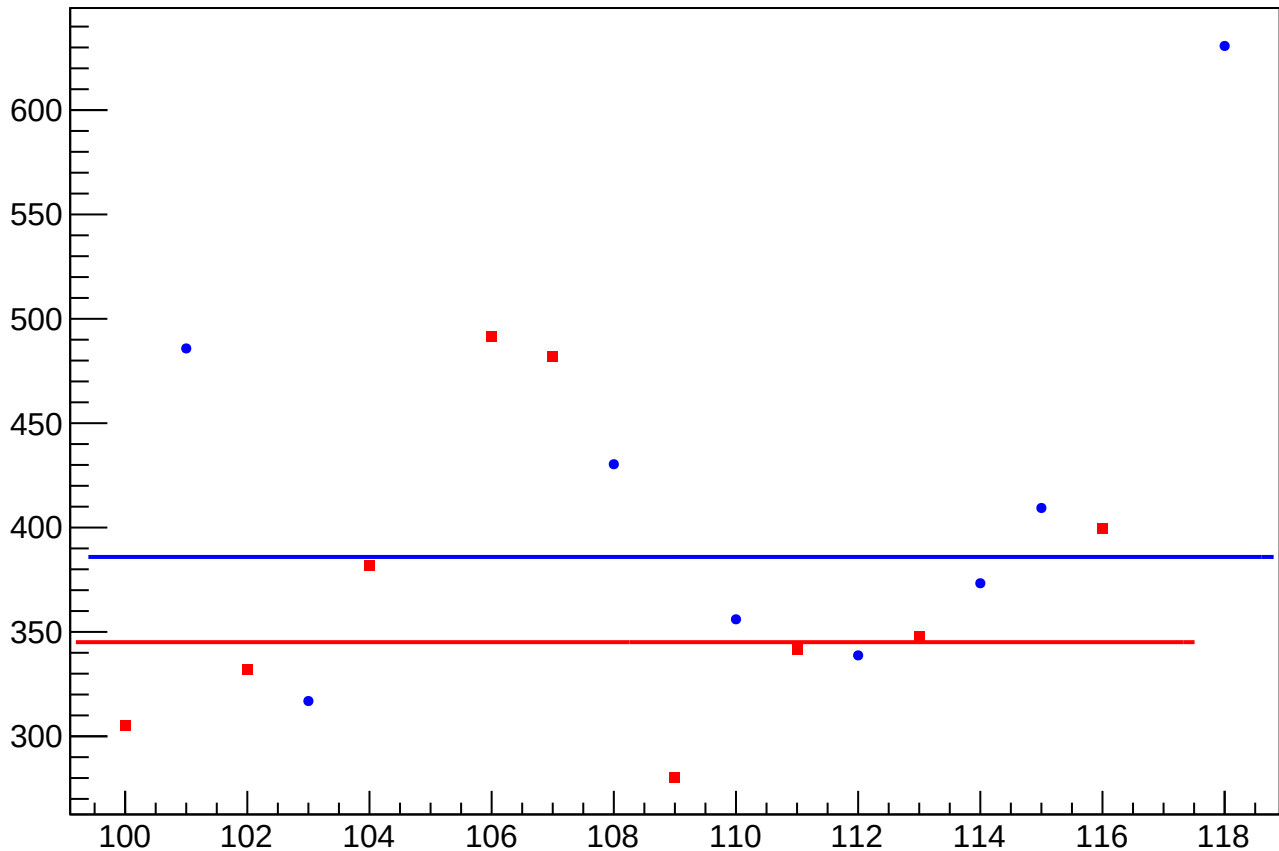
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.152 ± 0.143 χ^2/NDF : 13.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_rms vs Slug



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: 345.093+/-0.134 χ^2/NDF : 170983.8/8

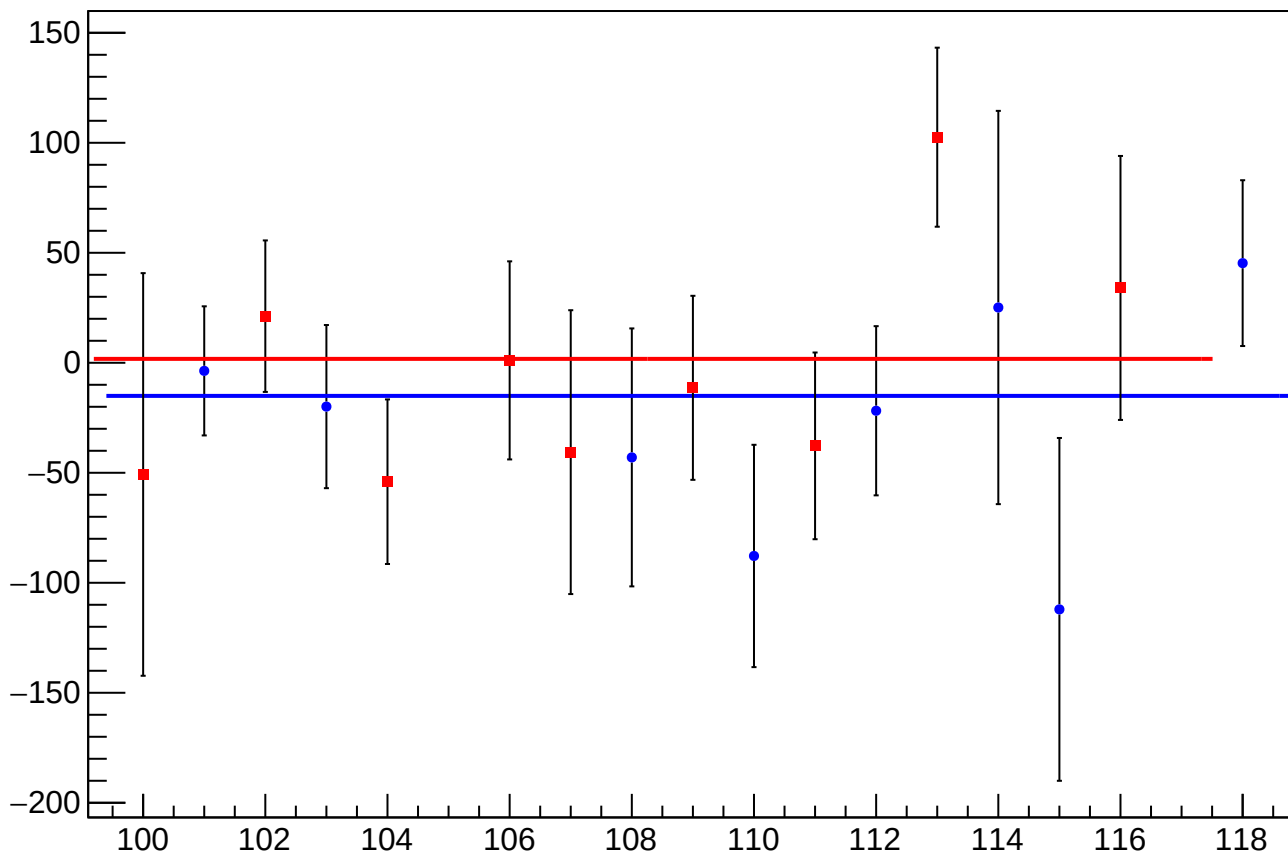
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.670+/-0.101 χ^2/NDF : 518509.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



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: 1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

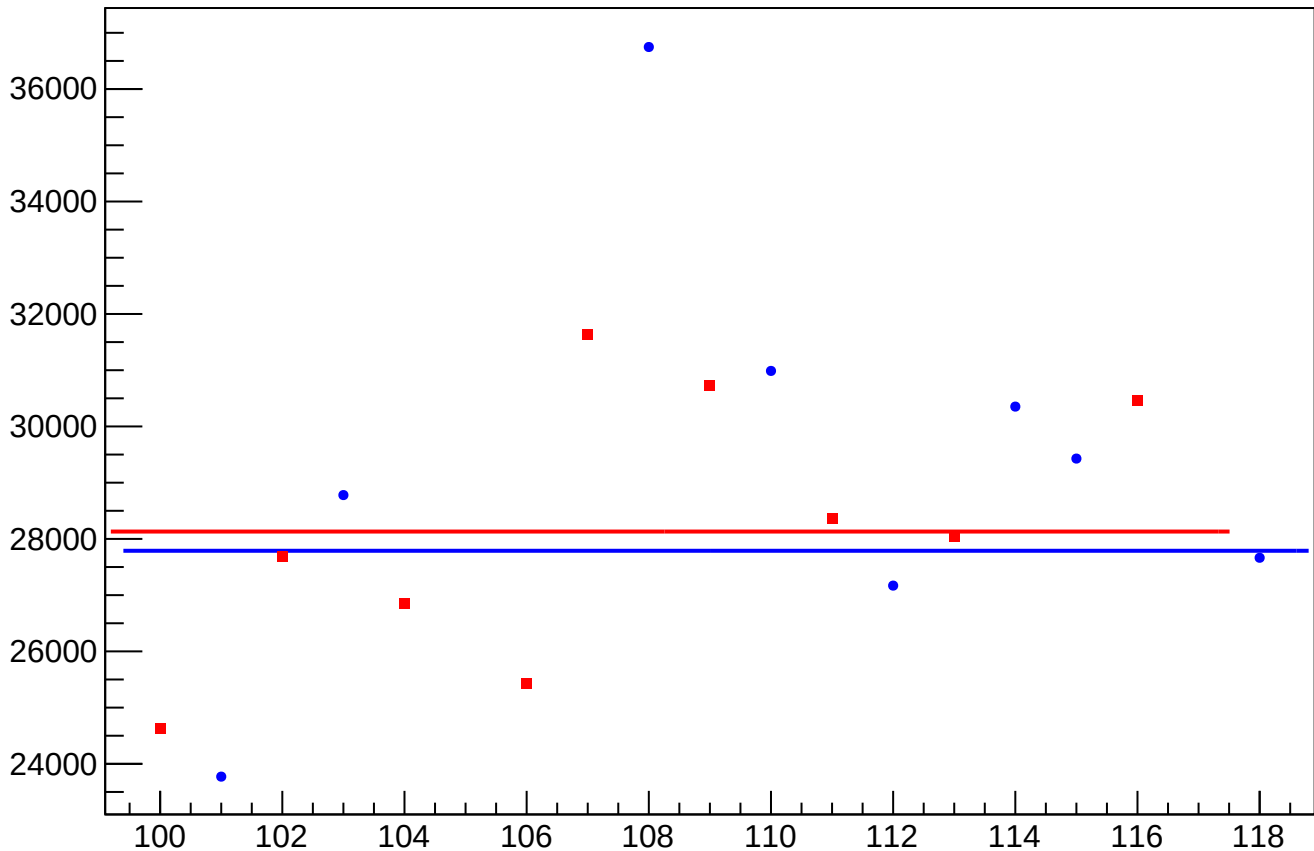
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.462 $\pm$ 10.745 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_rms vs Slug



Right In: 27788.972 $\pm$ 10.858 χ^2 /NDF: 96675.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

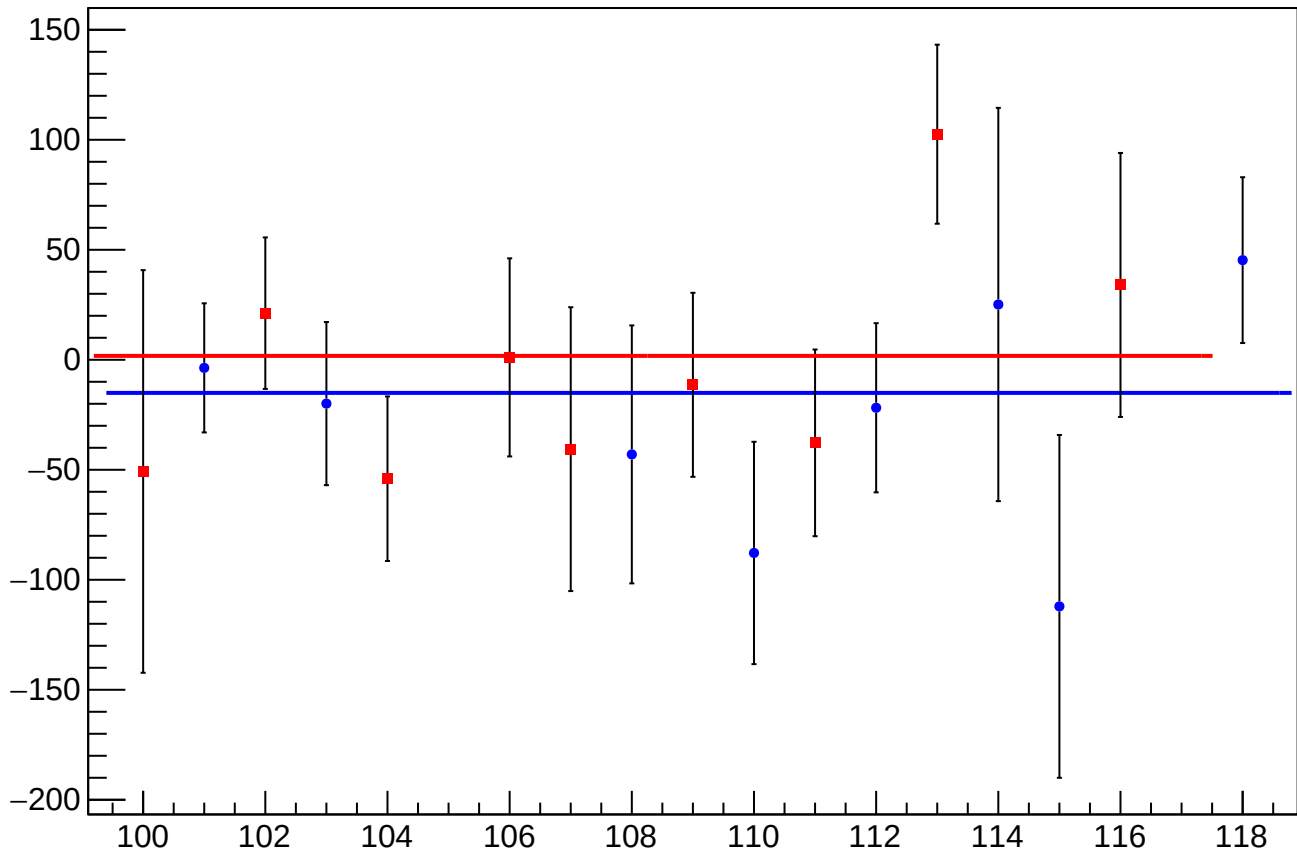
Right Out: 28130.919 $\pm$ 10.636 χ^2 /NDF: 29504.3/8

All: 27963.471 $\pm$ 7.598 χ^2 /NDF: 126685.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_mean vs Slug



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: 1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

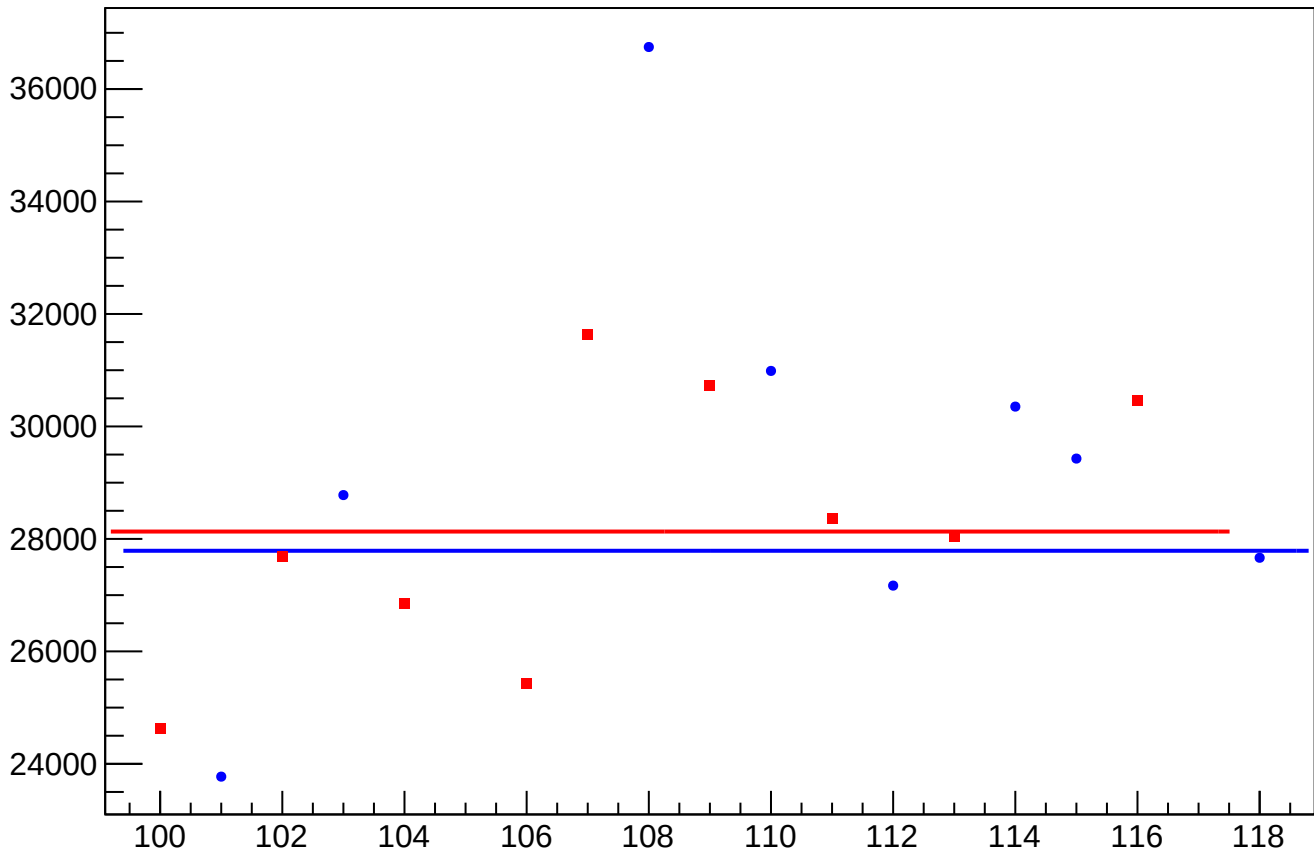
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.462 $\pm$ 10.745 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_rms vs Slug



Right In: 27788.972 $\pm$ 10.858 χ^2 /NDF: 96675.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

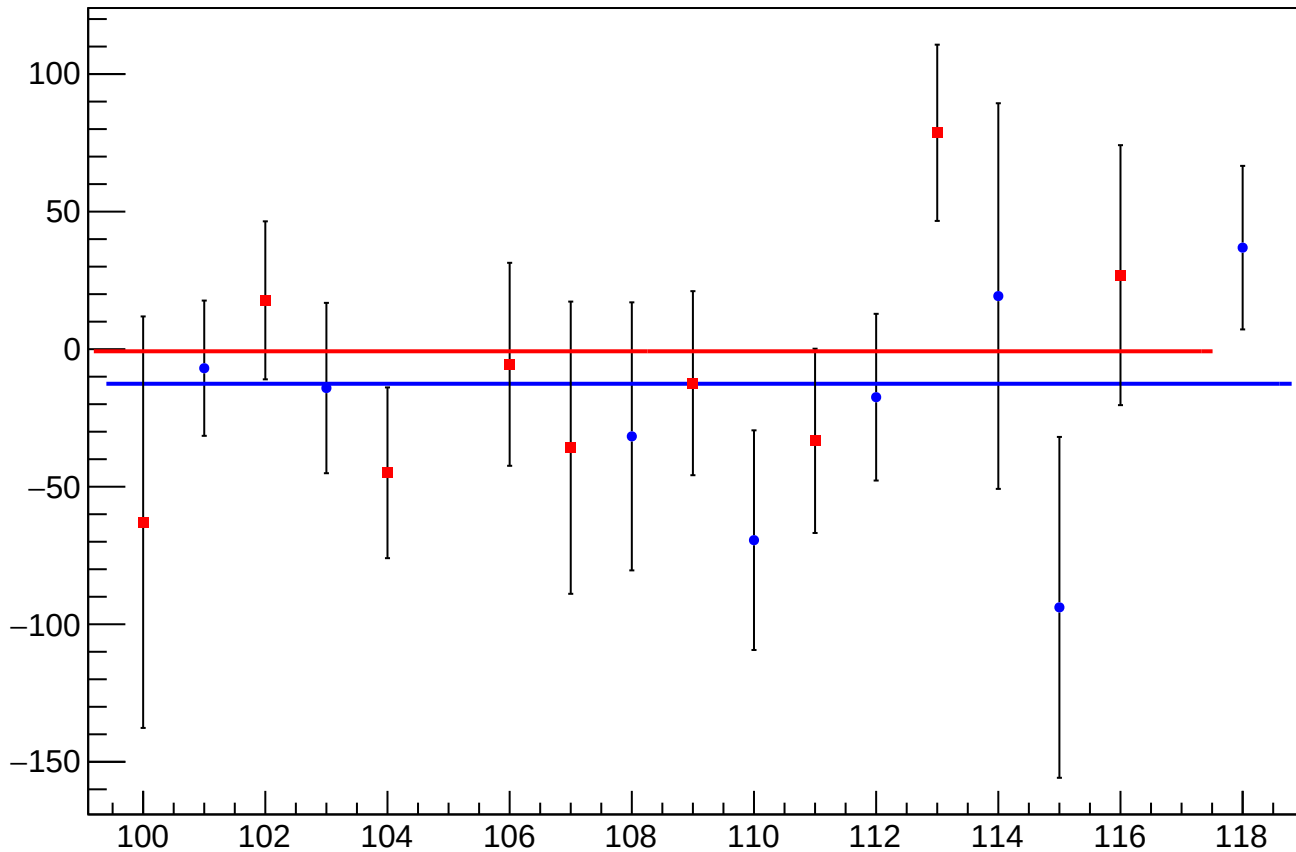
Right Out: 28130.919 $\pm$ 10.636 χ^2 /NDF: 29504.3/8

All: 27963.471 $\pm$ 7.598 χ^2 /NDF: 126685.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_11X12X_mean vs Slug



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: -0.770 $\pm$ 12.193 χ^2 /NDF: 11.1/8

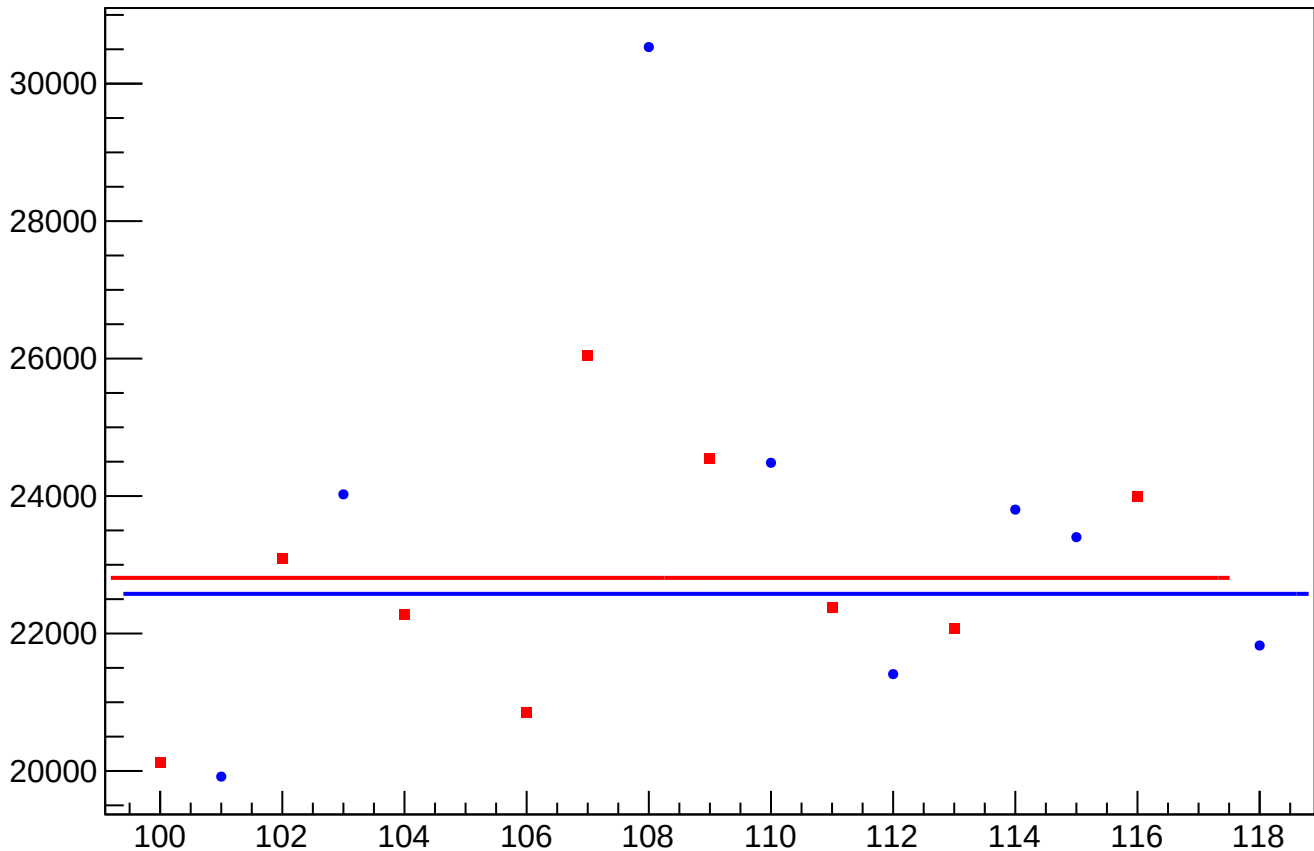
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.540 $\pm$ 8.718 χ^2 /NDF: 18.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_11X12X_rms vs Slug



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: 22809.923+/-8.622 χ^2/NDF : 24451.6/8

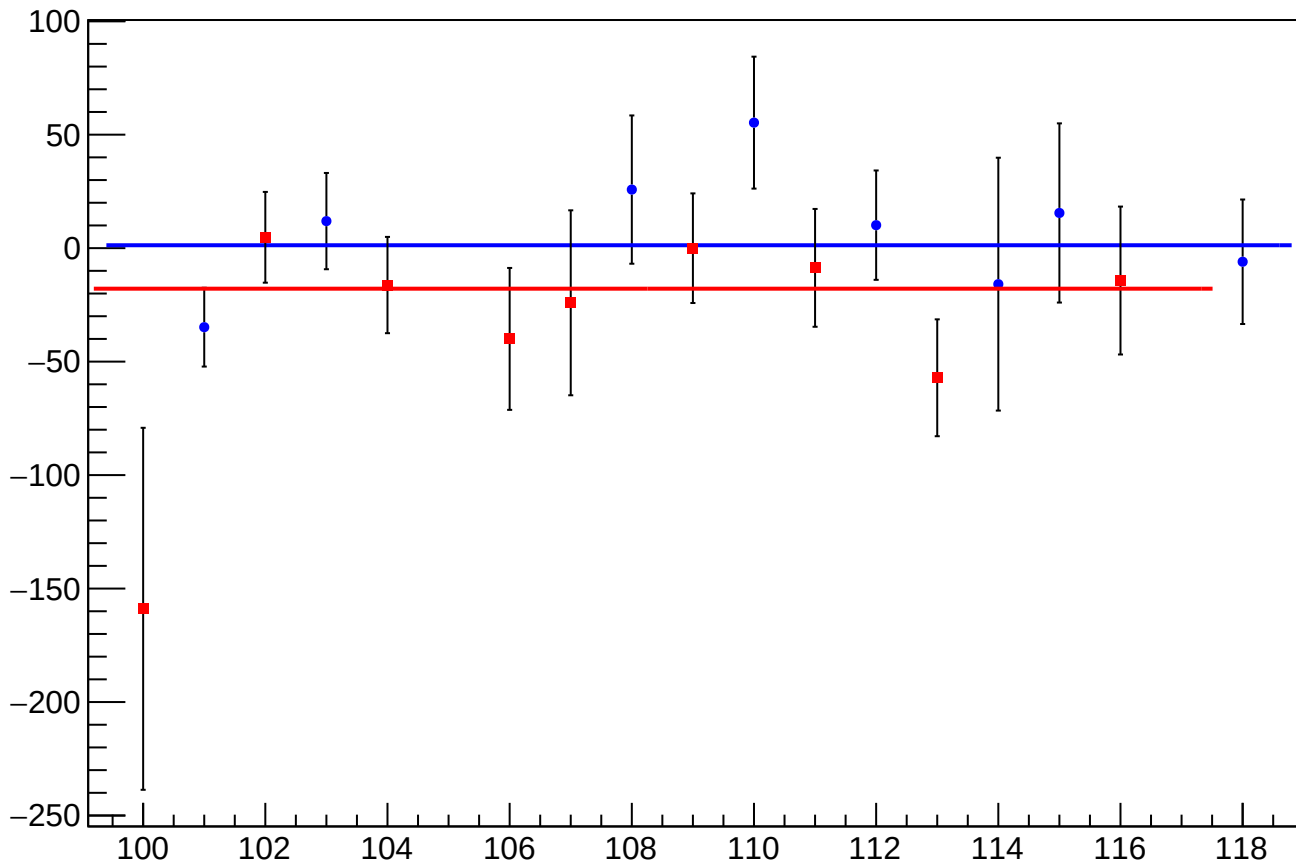
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22696.184+/-6.165 χ^2/NDF : 115684.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



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: -17.865 ± 9.071 χ^2/NDF : 7.9/8

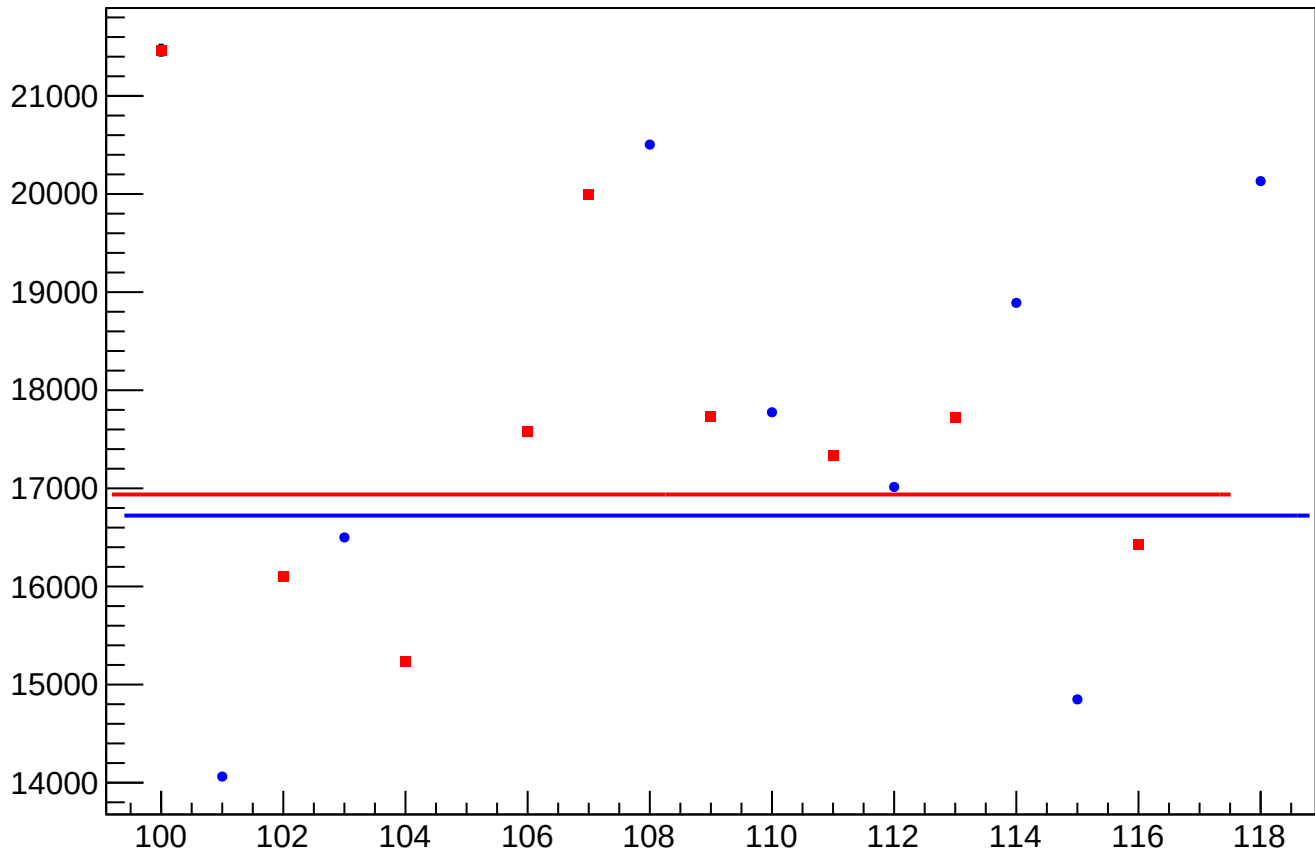
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.485 ± 6.478 χ^2/NDF : 19.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



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: 16937.474+/-6.414 χ^2/NDF : 39829.1/8

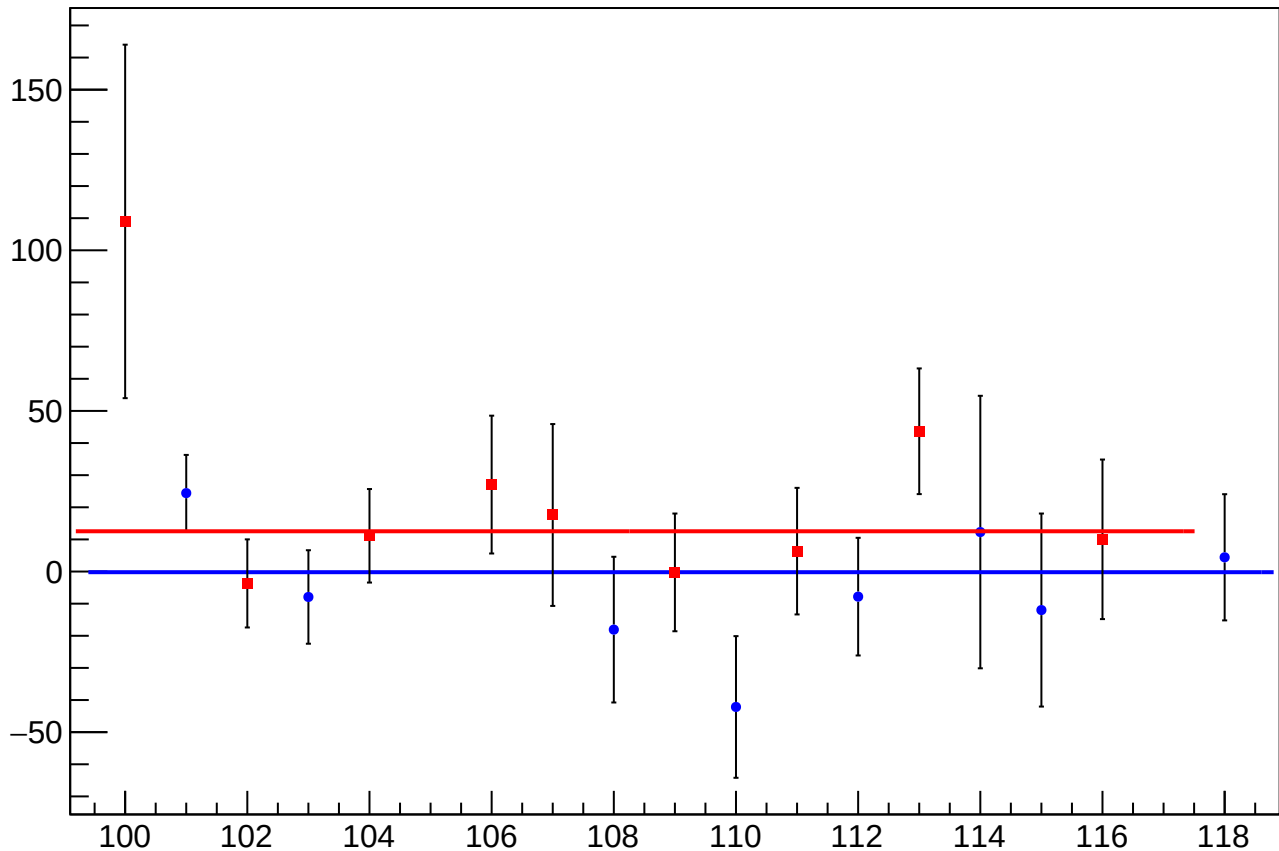
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16832.100+/-4.581 χ^2/NDF : 155695.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediX_mean vs Slug



Right In: -0.204 $\pm$ 6.588 χ^2 /NDF: 9.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.536 $\pm$ 6.513 χ^2 /NDF: 8.1/8

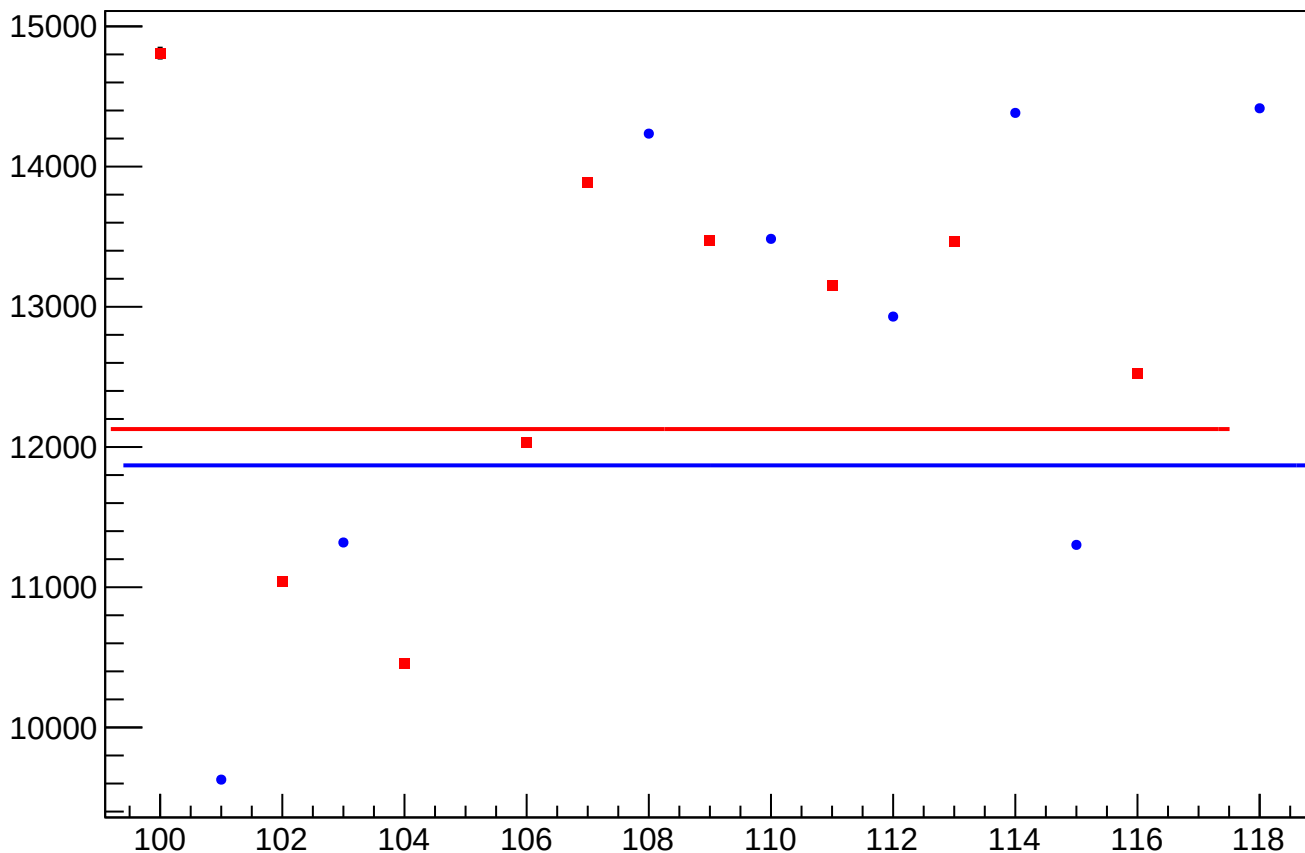
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.239 $\pm$ 4.632 χ^2 /NDF: 19.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediffX_rms vs Slug



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: 12128.060+/-4.605 χ^2/NDF : 77563.7/8

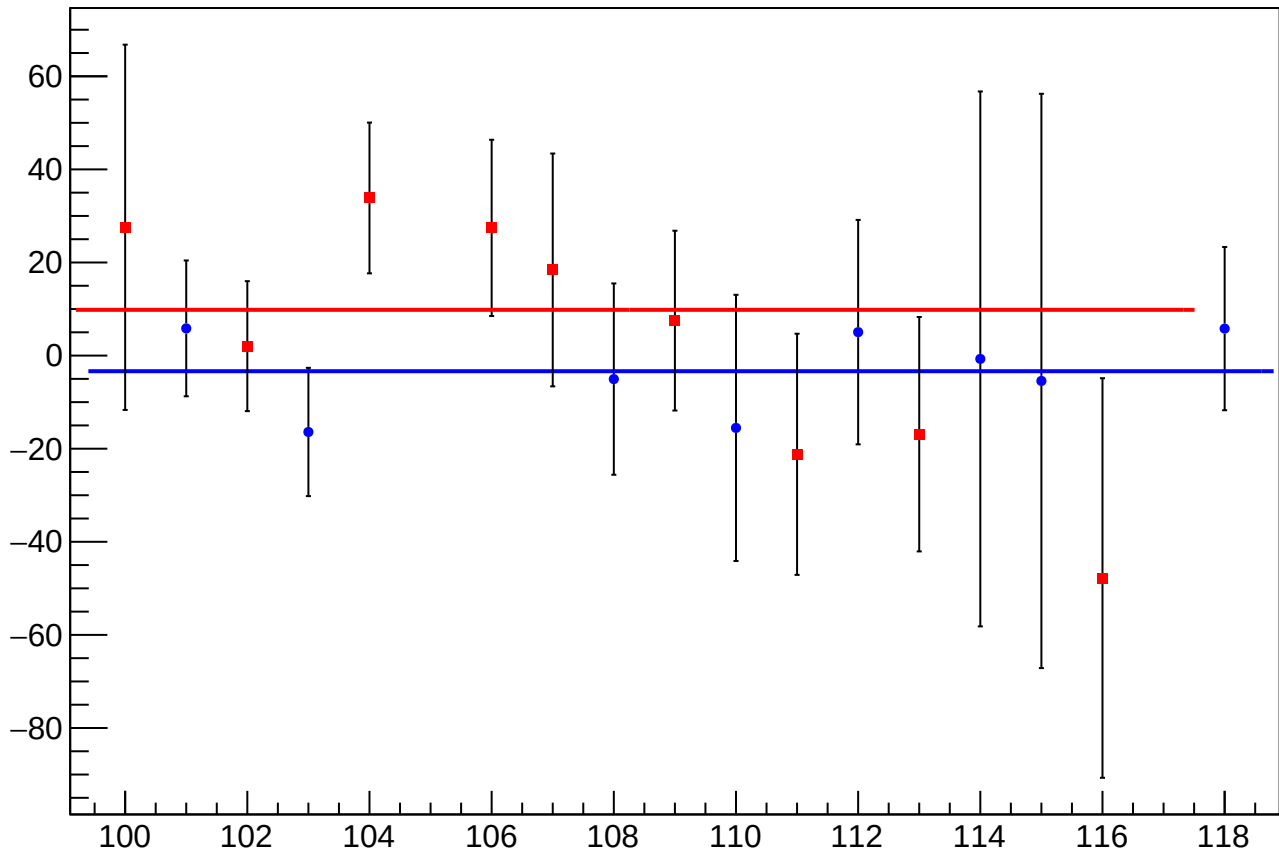
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12000.063+/-3.275 χ^2/NDF : 233661.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



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: 9.831+/-7.023 χ^2/NDF : 8.1/8

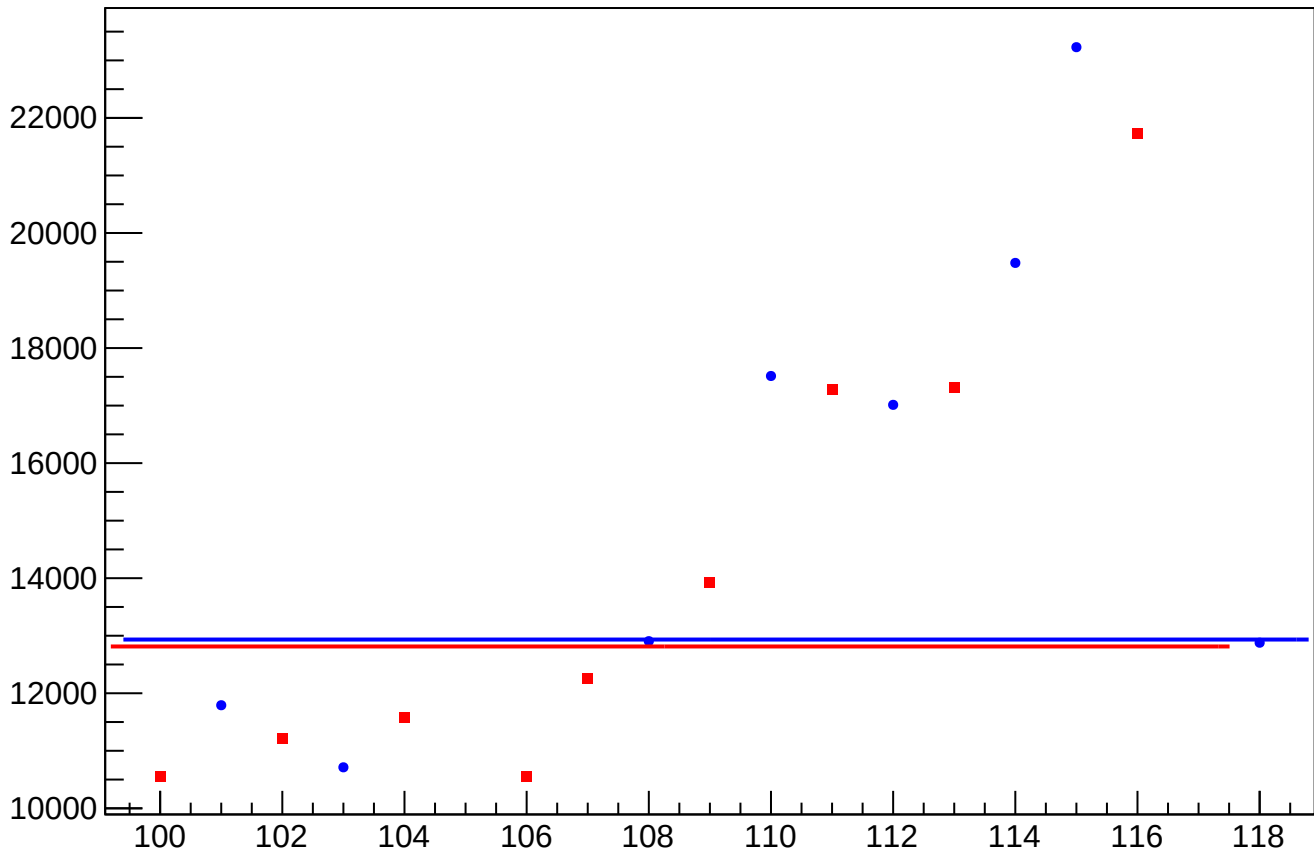
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.435+/-5.040 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 12933.708 $\pm$ 5.117 χ^2 /NDF: 254534.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

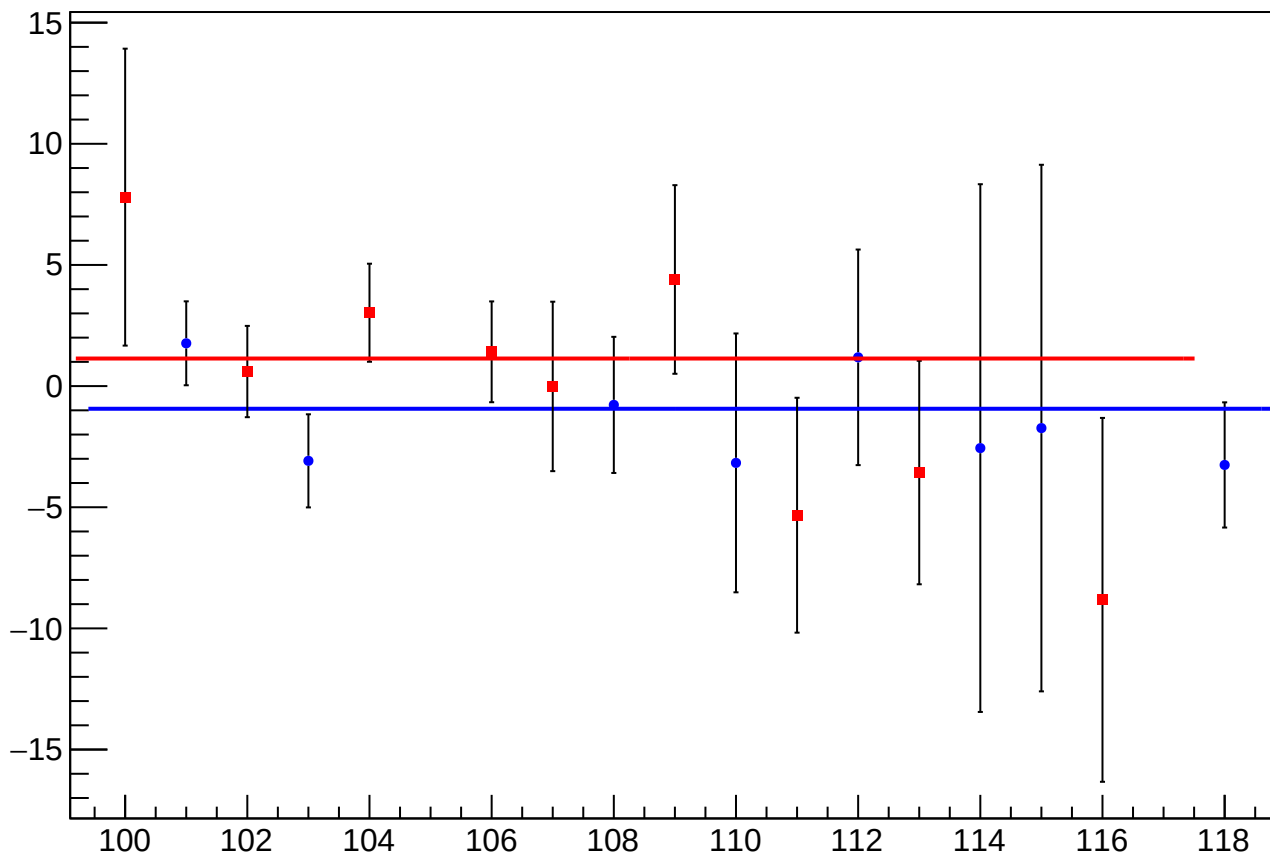
Right Out: 12813.228 $\pm$ 4.966 χ^2 /NDF: 290524.6/8

All: 12871.663 $\pm$ 3.564 χ^2 /NDF: 545344.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aeddifY_mean vs Slug



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: 1.138+/-0.981 χ^2/NDF : 7.5/8

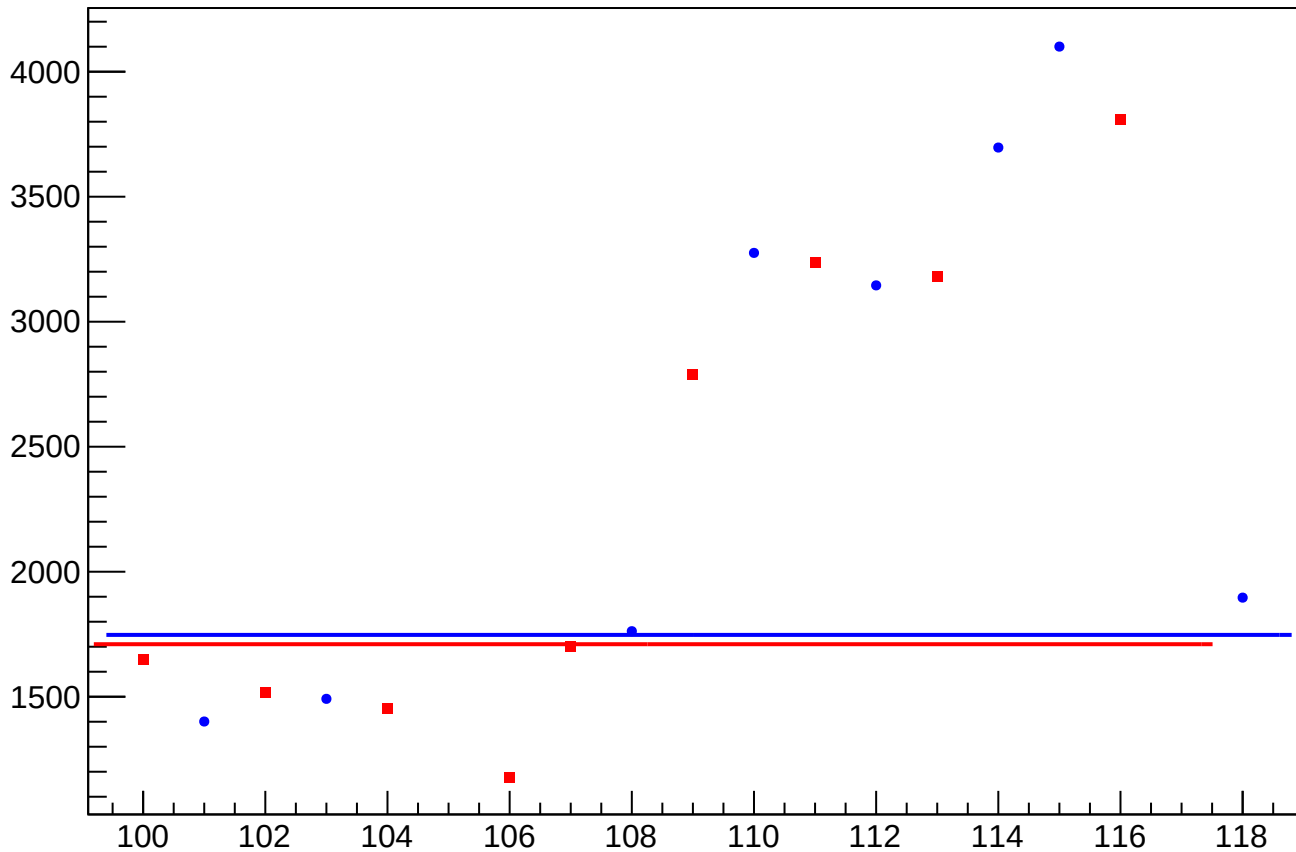
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.130+/-0.703 χ^2/NDF : 14.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1747.317 $\pm$ 0.713 χ^2 /NDF: 641171.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1710.066 $\pm$ 0.694 χ^2 /NDF: 896638.6/8

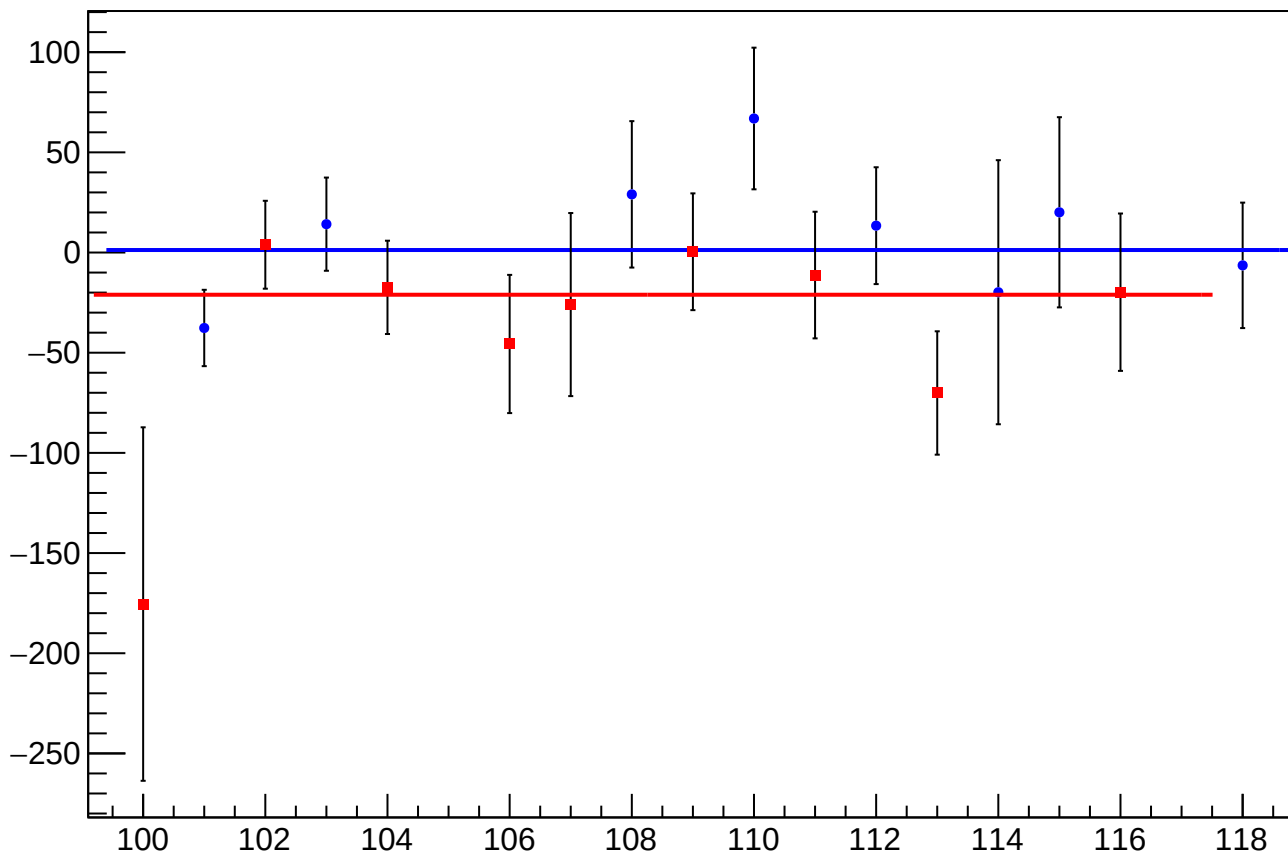
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1728.178 $\pm$ 0.497 χ^2 /NDF: 1539211.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



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: -21.068+/-10.396 χ^2/NDF : 8.1/8

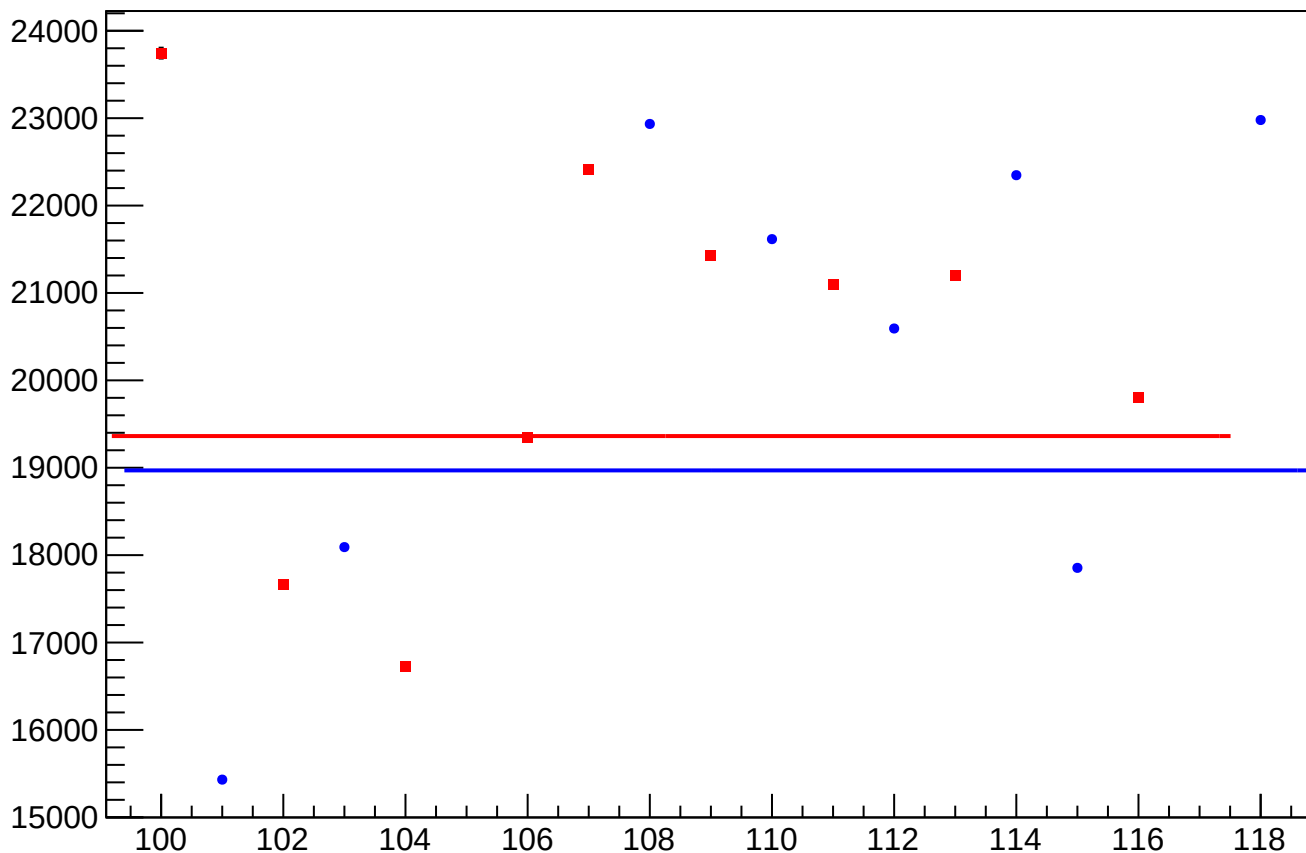
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.049+/-7.397 χ^2/NDF : 19.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



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: 19362.552+/-7.351 χ^2/NDF : 75036.4/8

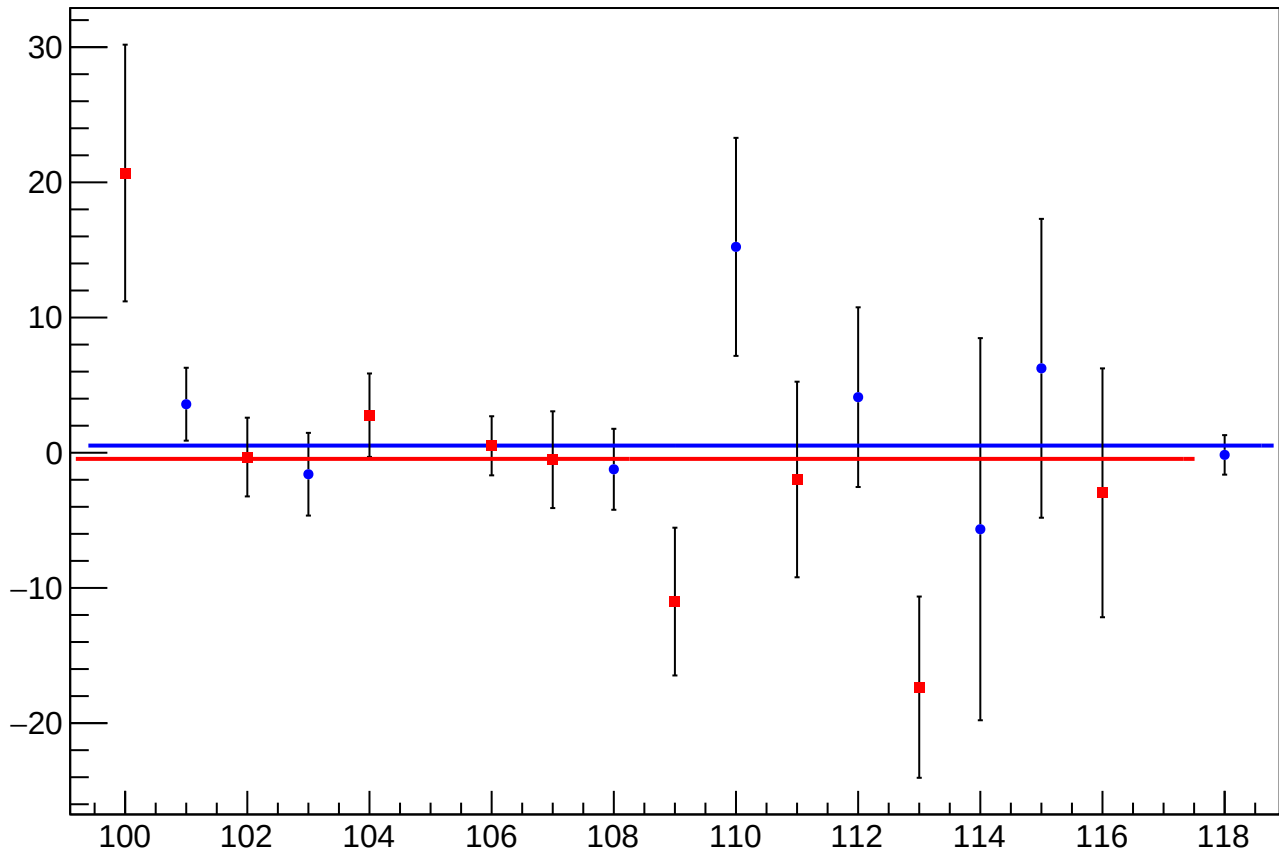
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19168.558+/-5.230 χ^2/NDF : 228389.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_mean vs Slug



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: -0.454 ± 1.282 χ^2/NDF : 16.5/8

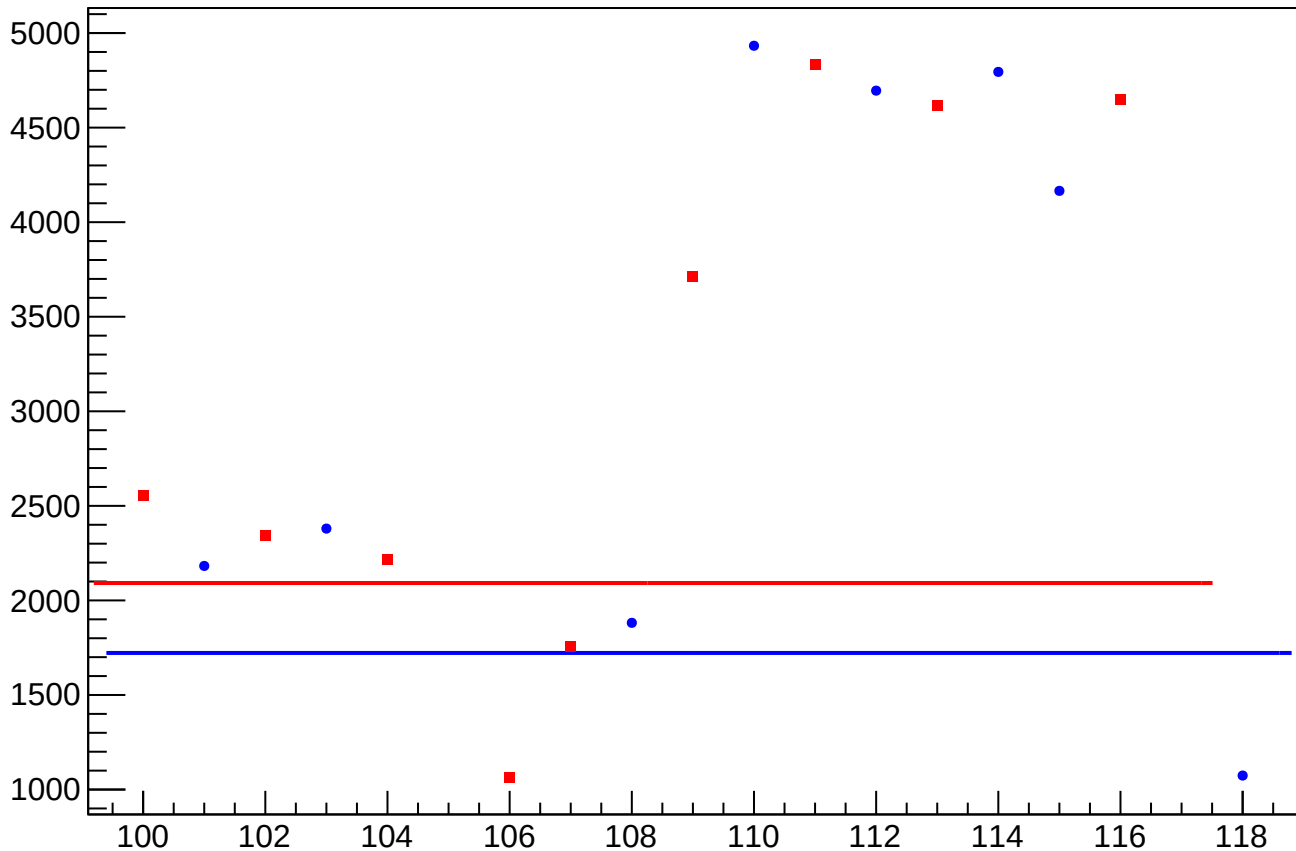
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.126 ± 0.821 χ^2/NDF : 23.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1722.270 ± 0.756 χ^2/NDF : 1459319.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

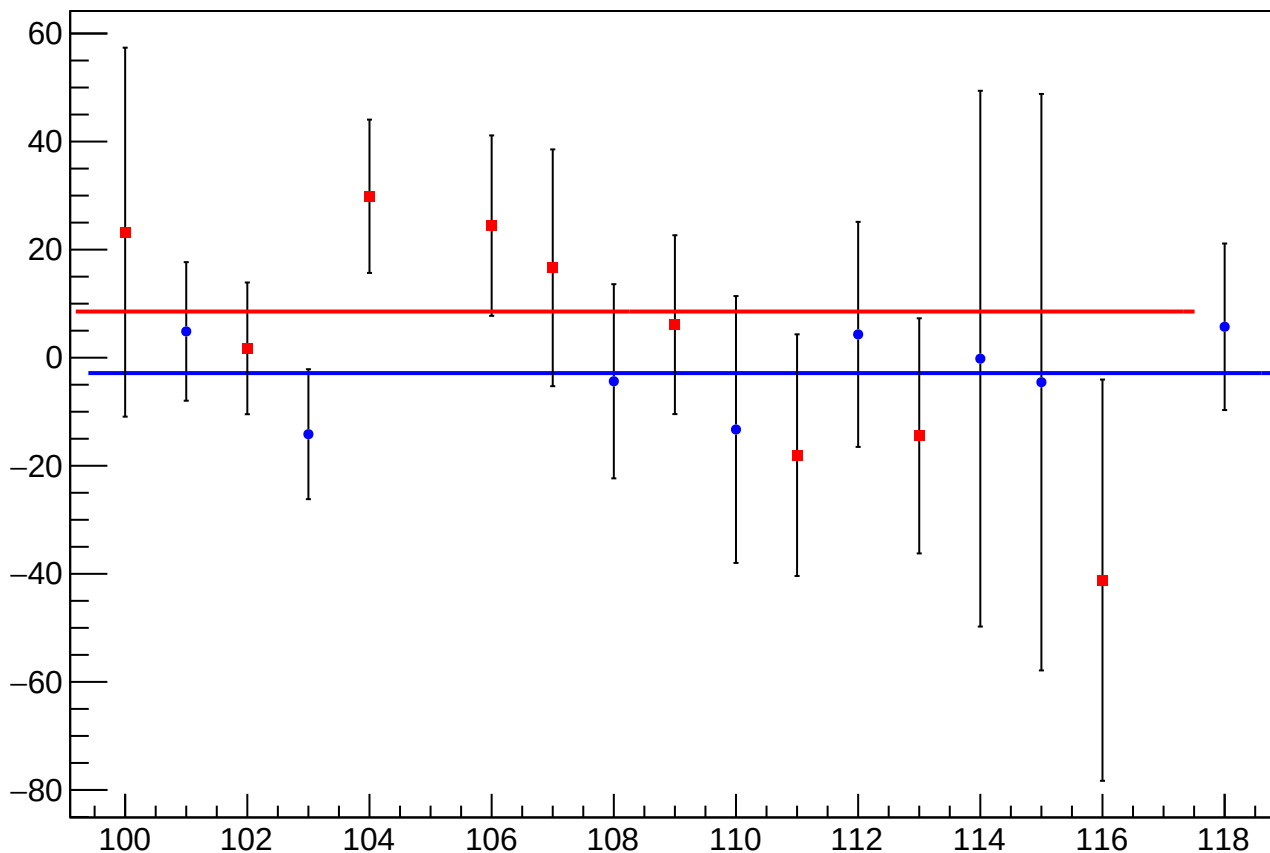
Right Out: 2092.120 ± 0.907 χ^2/NDF : 1385789.1/8

All: 1873.912 ± 0.581 χ^2/NDF : 2943273.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_mean vs Slug



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: 8.542+/-6.118 χ^2/NDF : 8.1/8

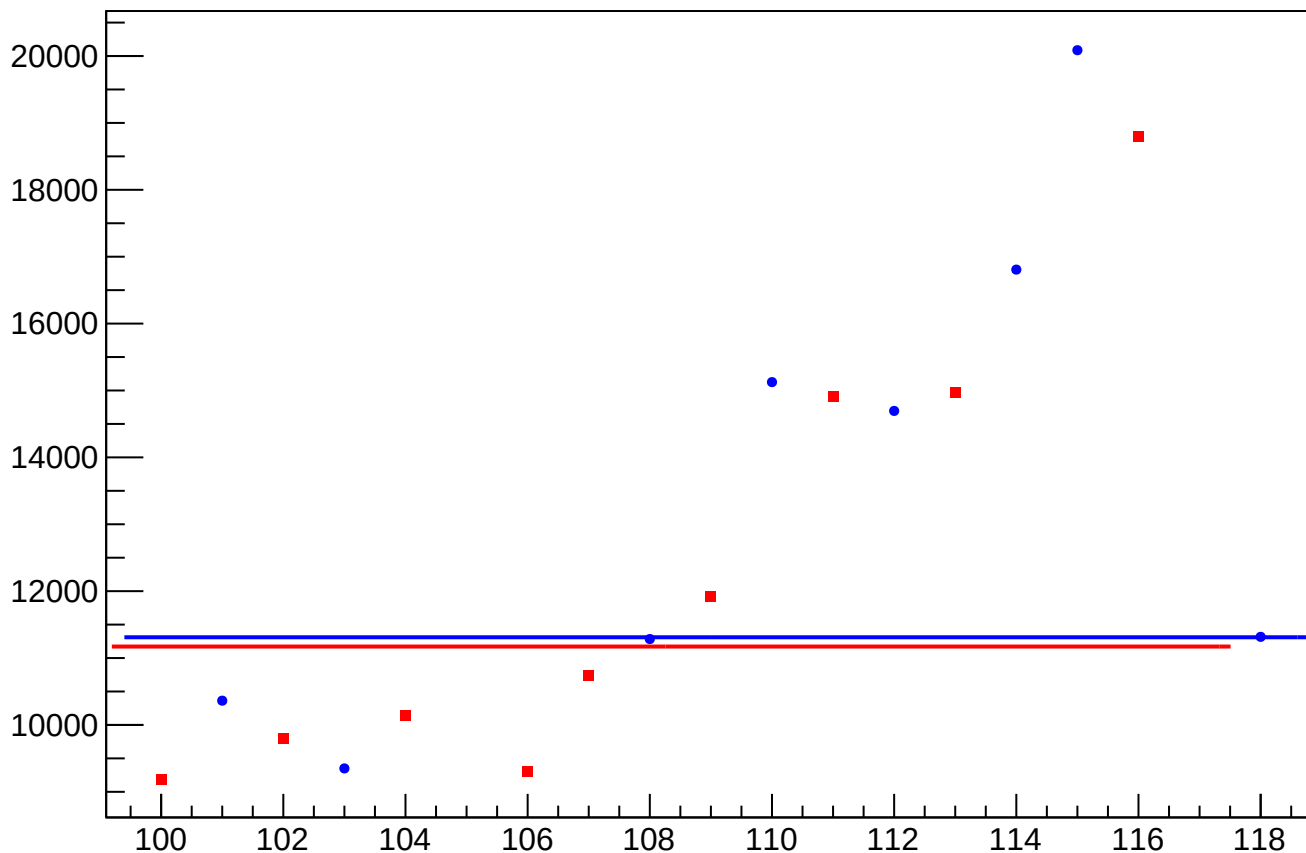
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.034+/-4.397 χ^2/NDF : 11.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



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: 11172.053+/-4.326 χ^2/NDF : 274103.6/8

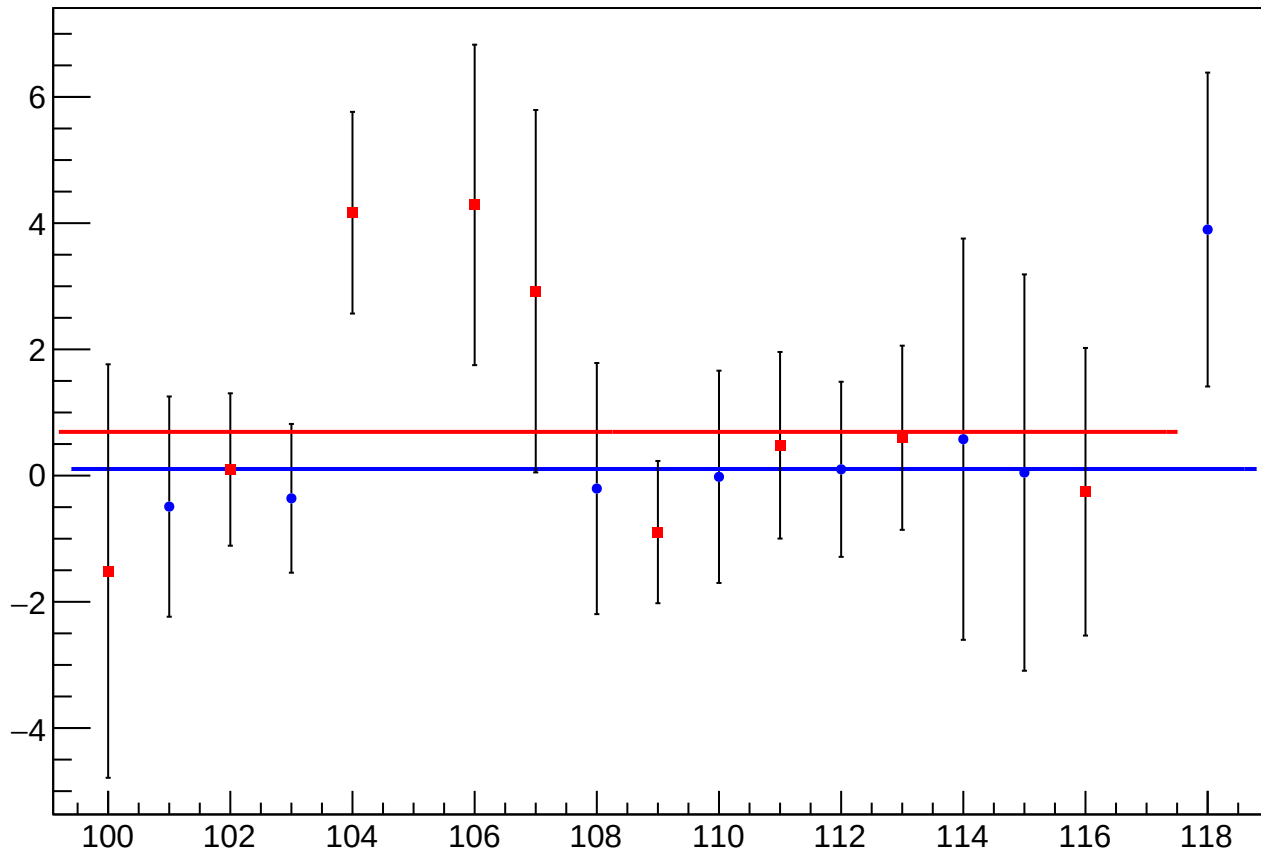
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11239.049+/-3.109 χ^2/NDF : 517961.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: 0.104 $\pm$ 0.628 χ^2 /NDF: 2.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.693 $\pm$ 0.546 χ^2 /NDF: 10.2/8

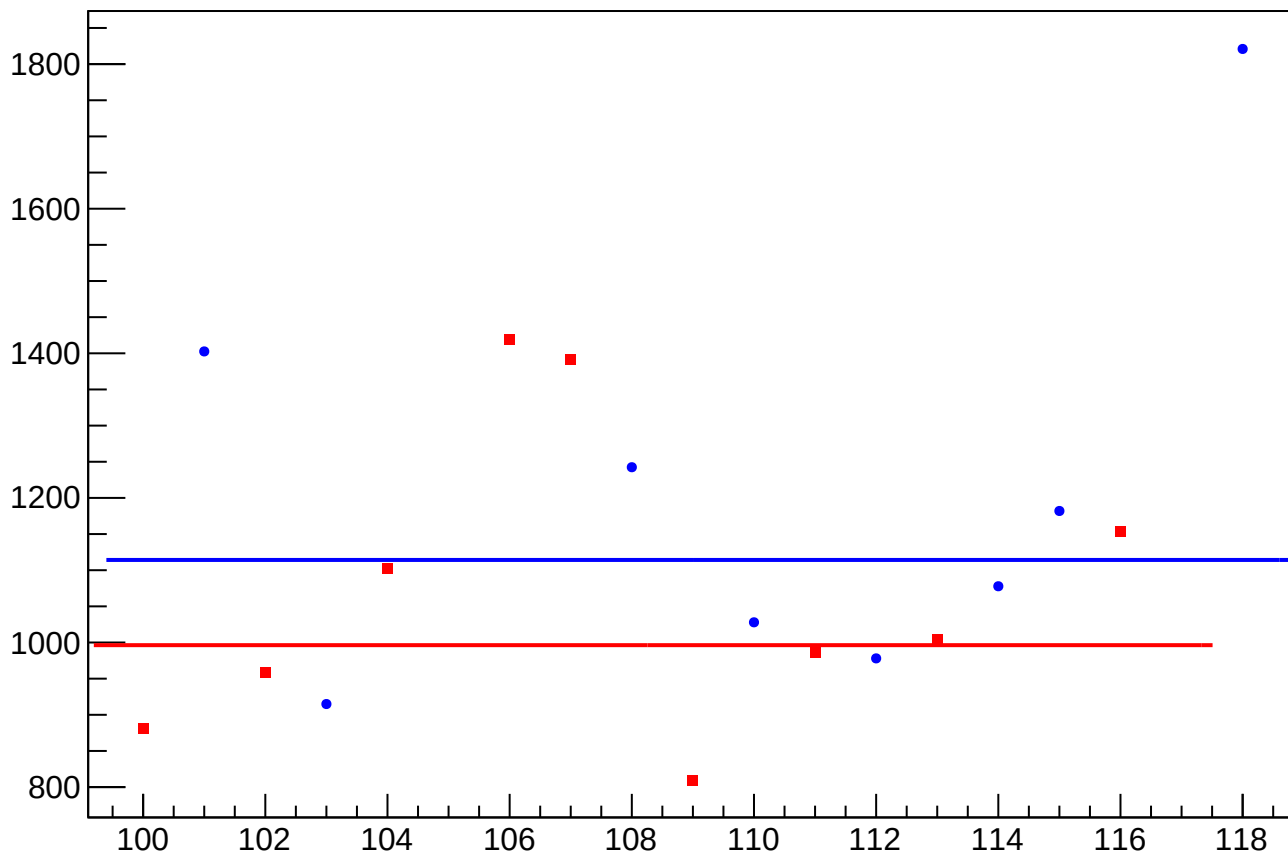
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.439 $\pm$ 0.412 χ^2 /NDF: 13.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffY_rms vs Slug



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: 996.325+/-0.386 χ^2/NDF : 170983.8/8

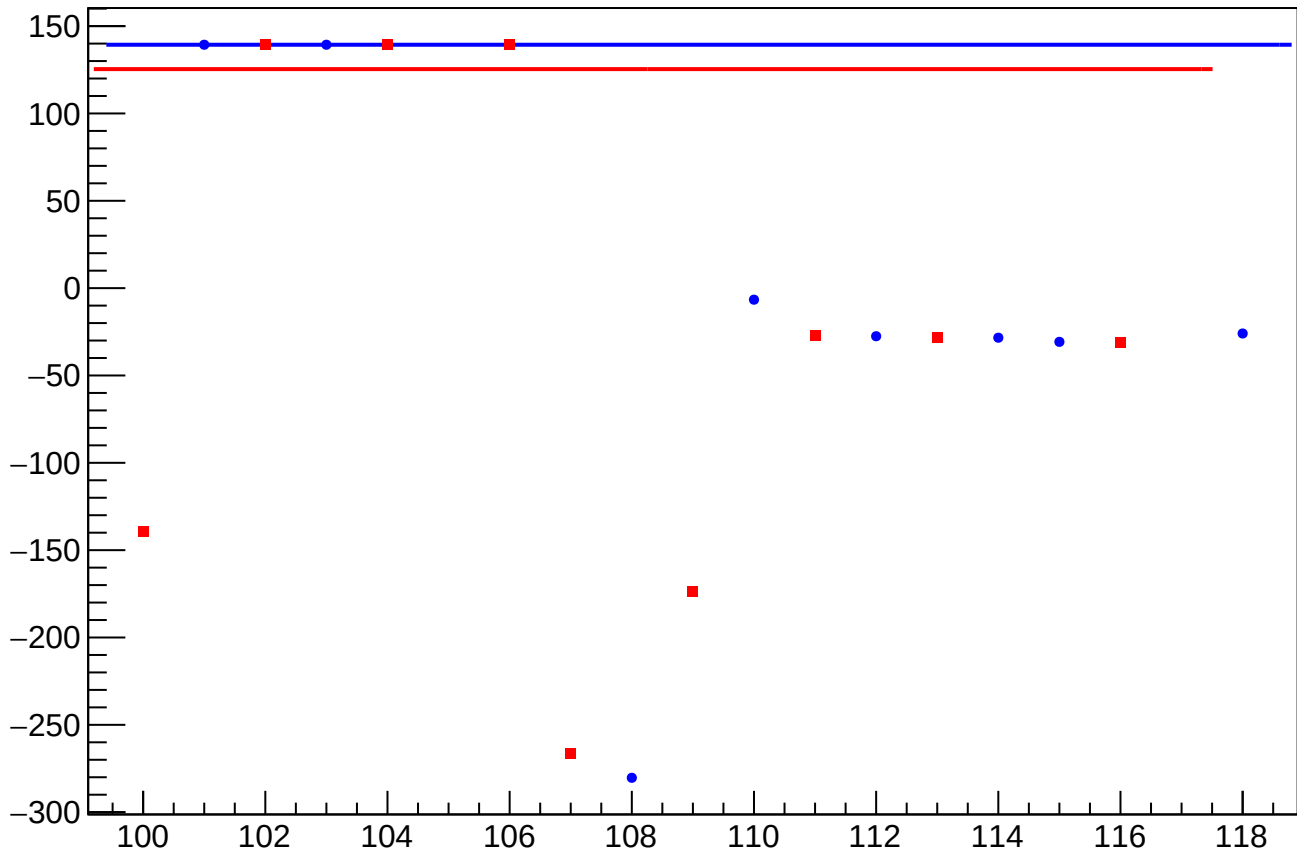
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1047.071+/-0.291 χ^2/NDF : 518509.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 19643951120.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

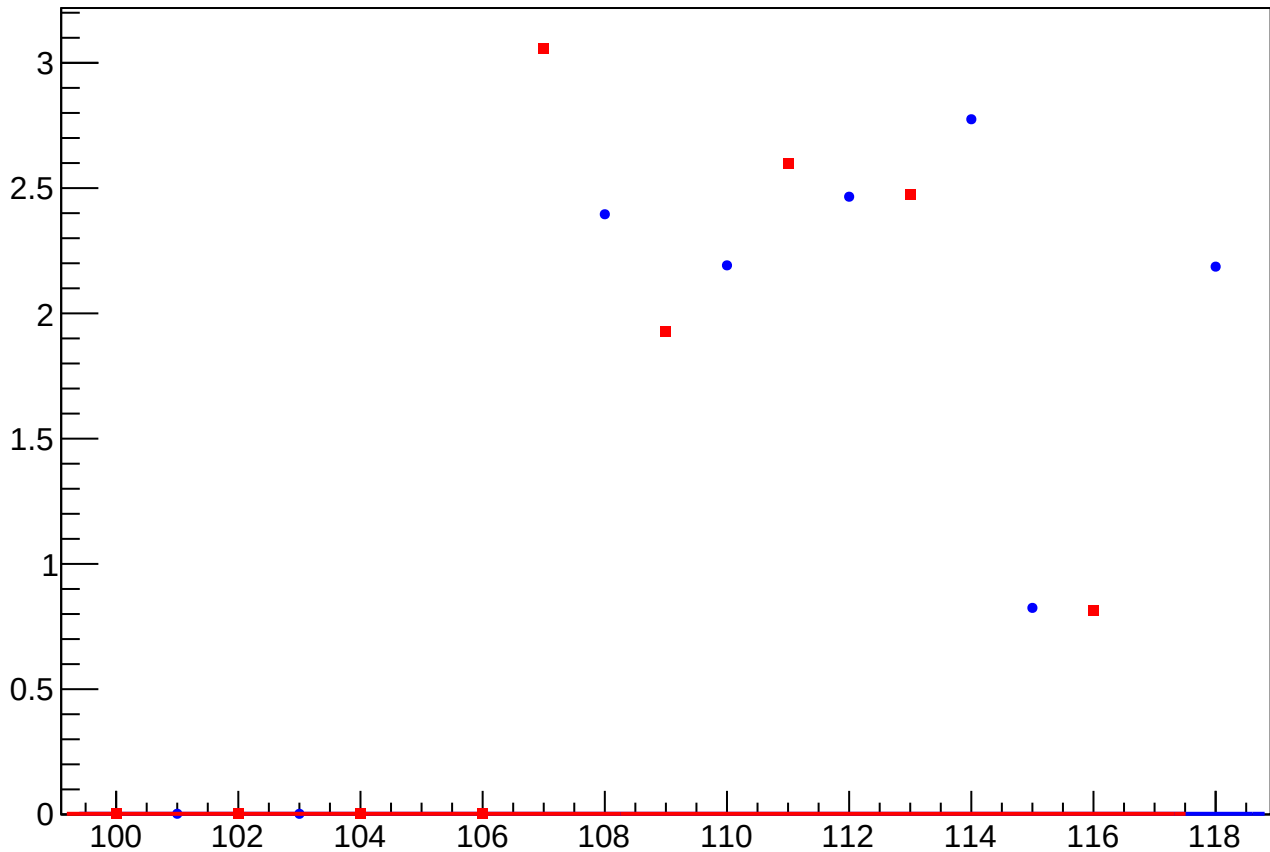
Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774151885031911.4/8

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792956903709

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_rms vs Slug



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 : 3122618.3/8

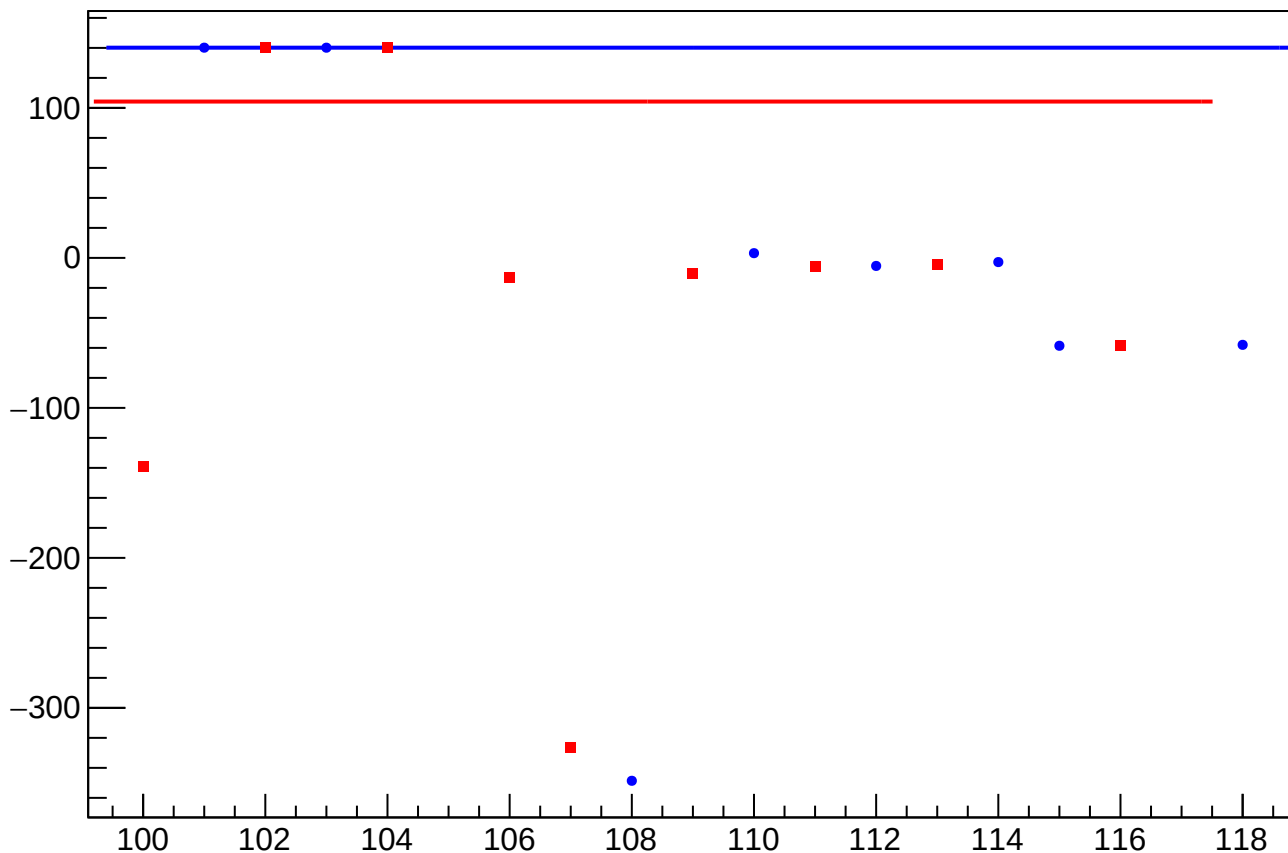
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6500282.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.148+/-0.000 χ^2/NDF : 21181755512.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

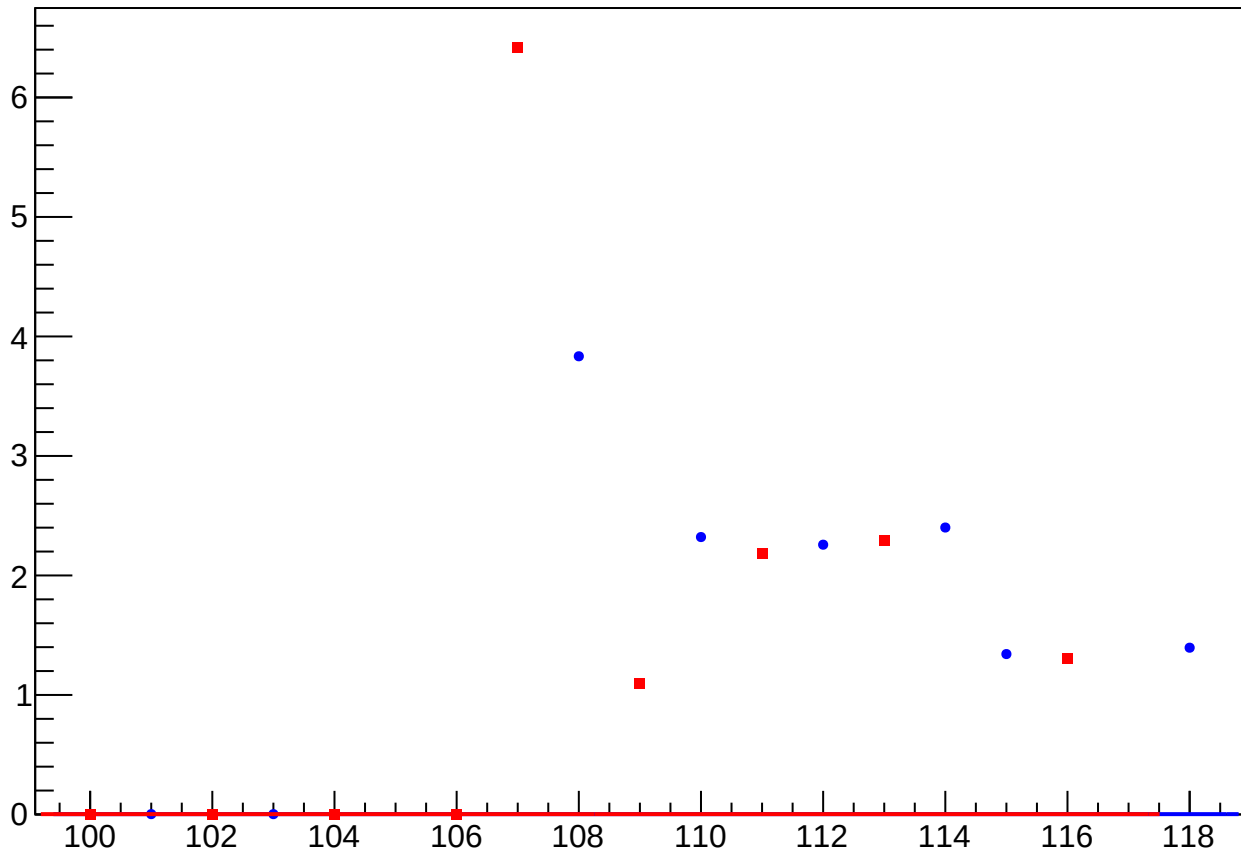
All: 120.835+/-0.000 χ^2/NDF : 138064091867

Right Out: 104.227+/-0.000 χ^2/NDF : 1257303759264013.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_rms vs Slug



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 : 3131131.1/8

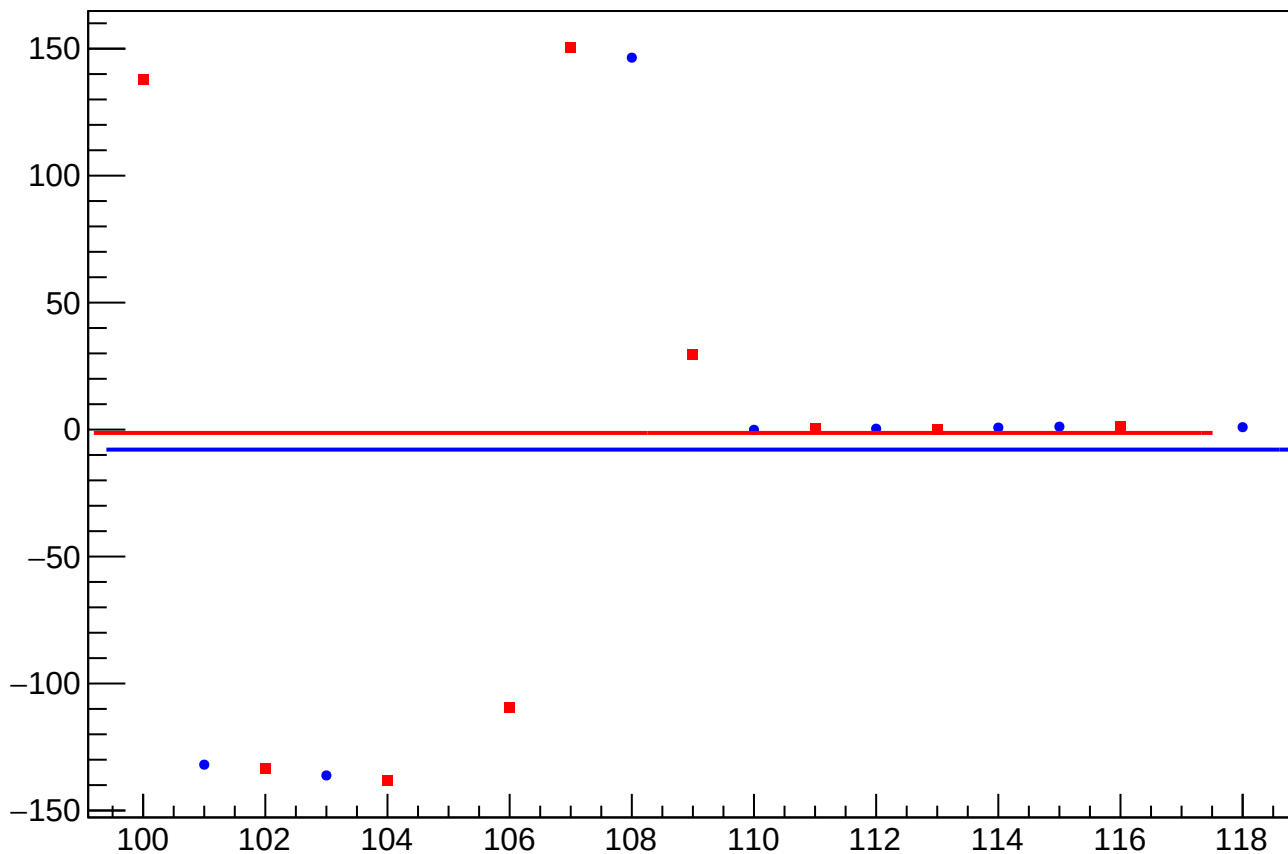
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6777992.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



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: -1.316+/-0.000 χ^2/NDF : 3595090791.8/8

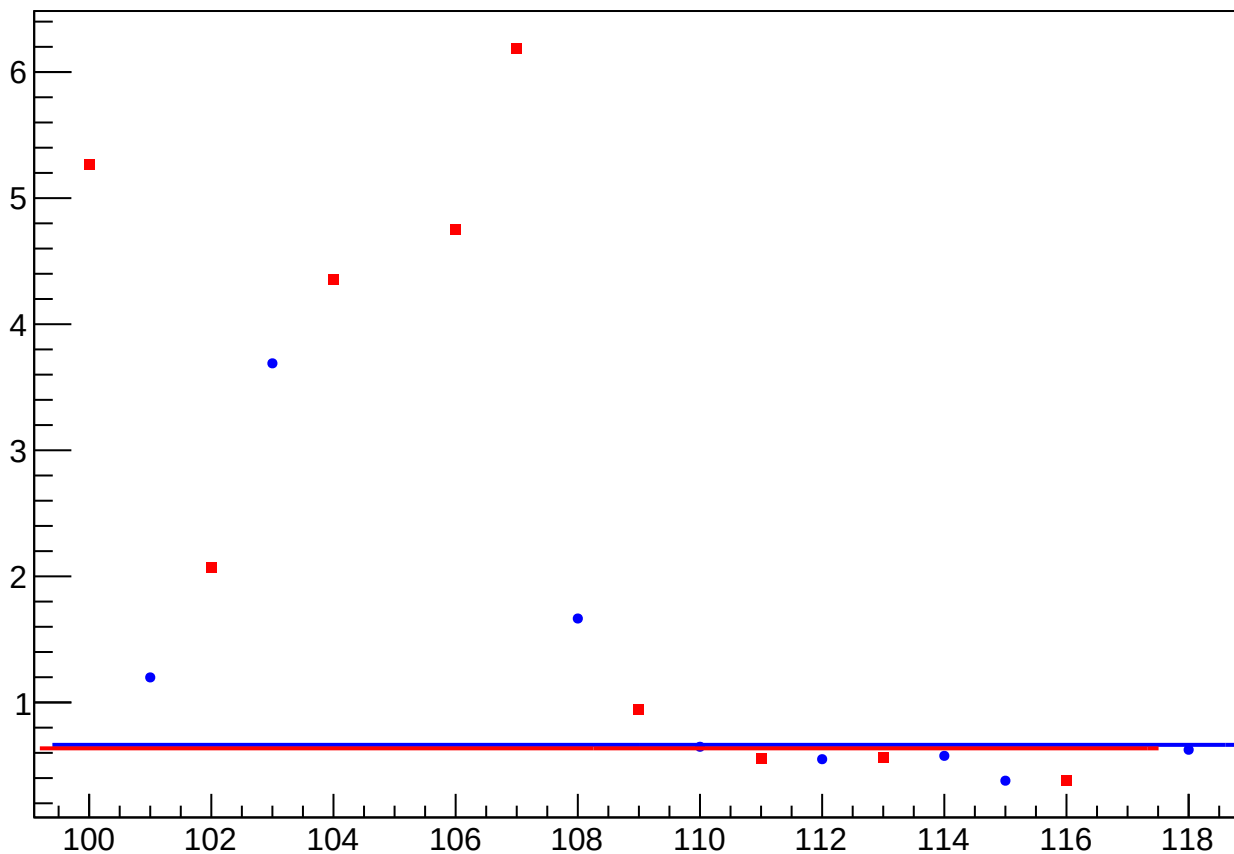
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.751+/-0.000 χ^2/NDF : 13325609894.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.664 $\pm$ 0.000 χ^2 /NDF: 1263967.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.636 $\pm$ 0.000 χ^2 /NDF: 2283780.6/8

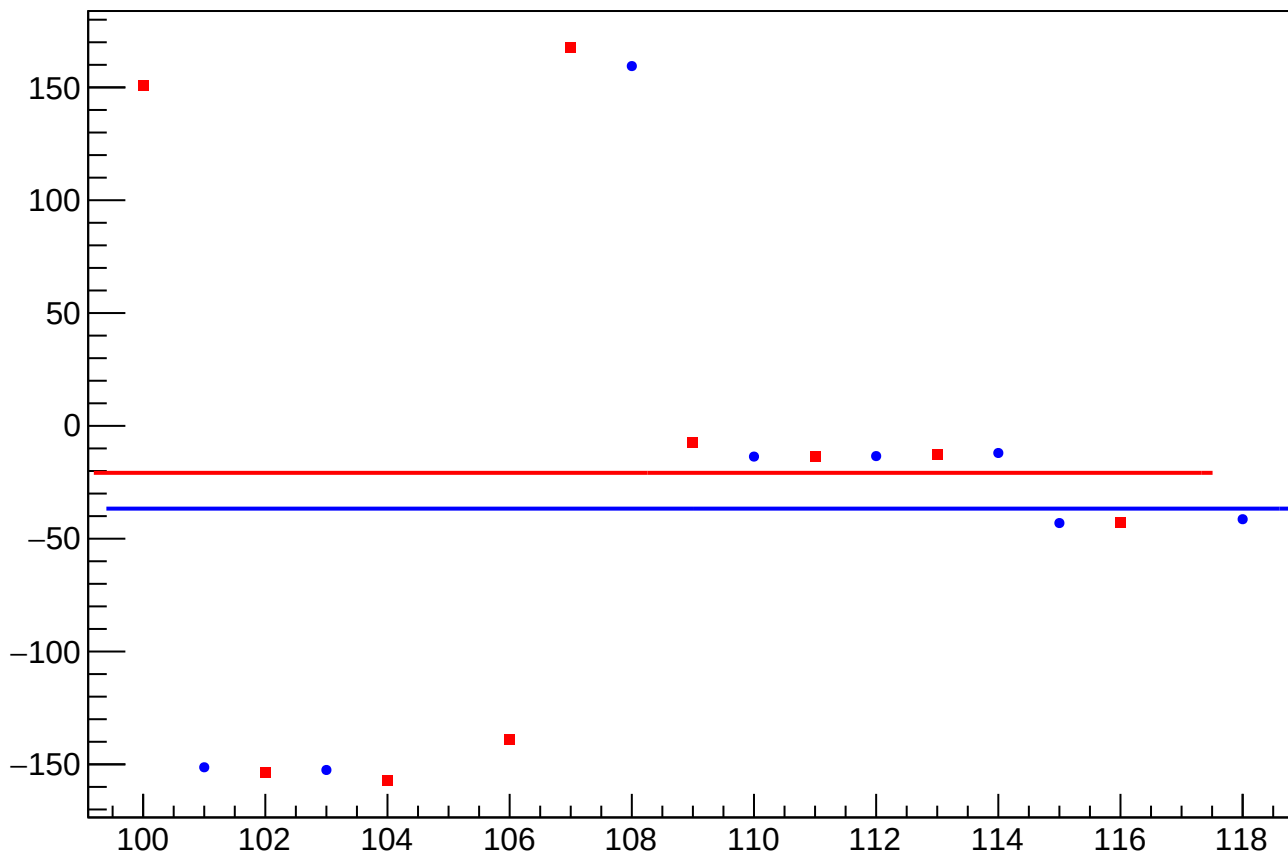
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.650 $\pm$ 0.000 χ^2 /NDF: 3551307.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



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: -20.813+/-0.001 χ^2/NDF : 1637148706.4/8

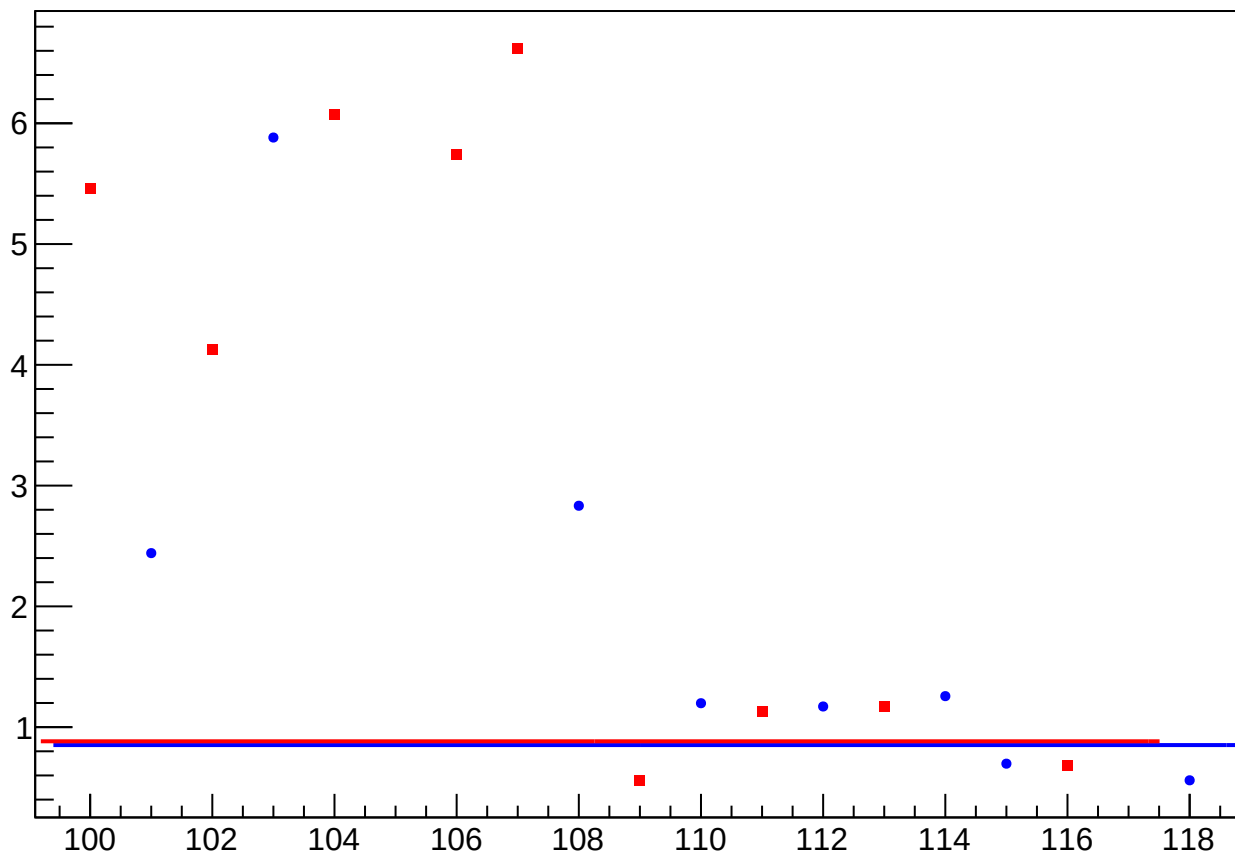
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.602+/-0.000 χ^2/NDF : 5332879455.9/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



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: 0.883 $\pm$ 0.000 χ^2 /NDF: 2453095.1/8

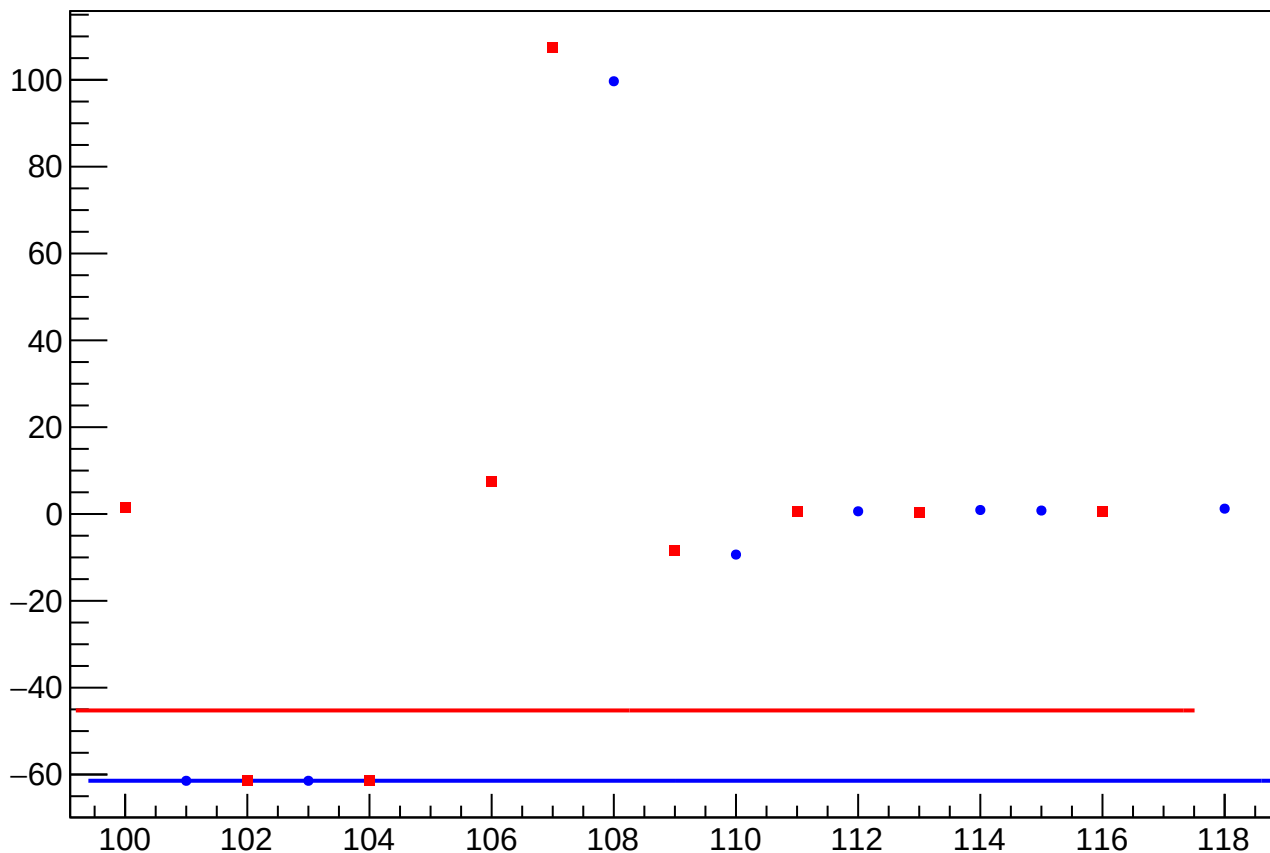
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.865 $\pm$ 0.000 χ^2 /NDF: 4553447.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.439+/-0.000 χ^2/NDF : 209381642666.4/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

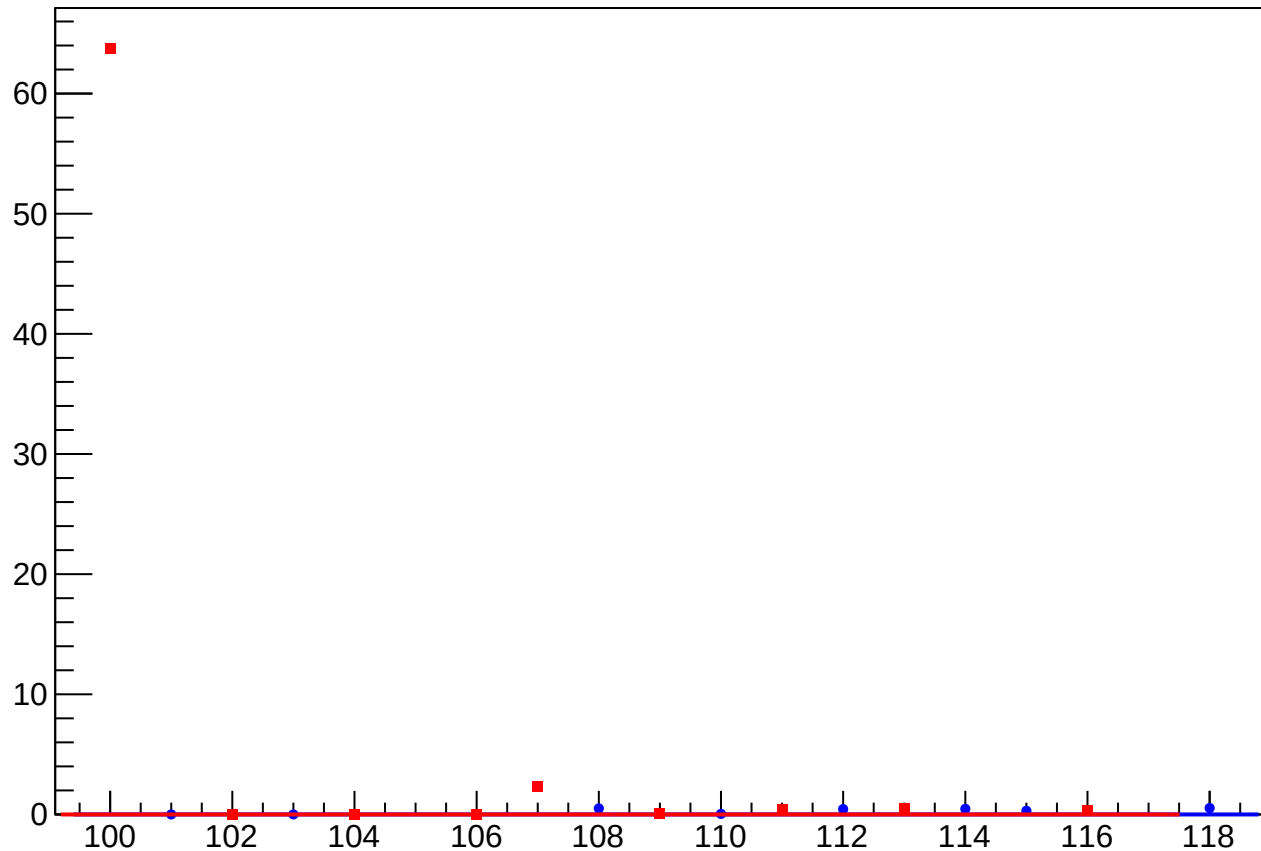
All: -52.751+/-0.000 χ^2/NDF : 409036343511

Right Out: -45.247+/-0.000 χ^2/NDF : 357842126428242.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



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 : 2841210.3/8

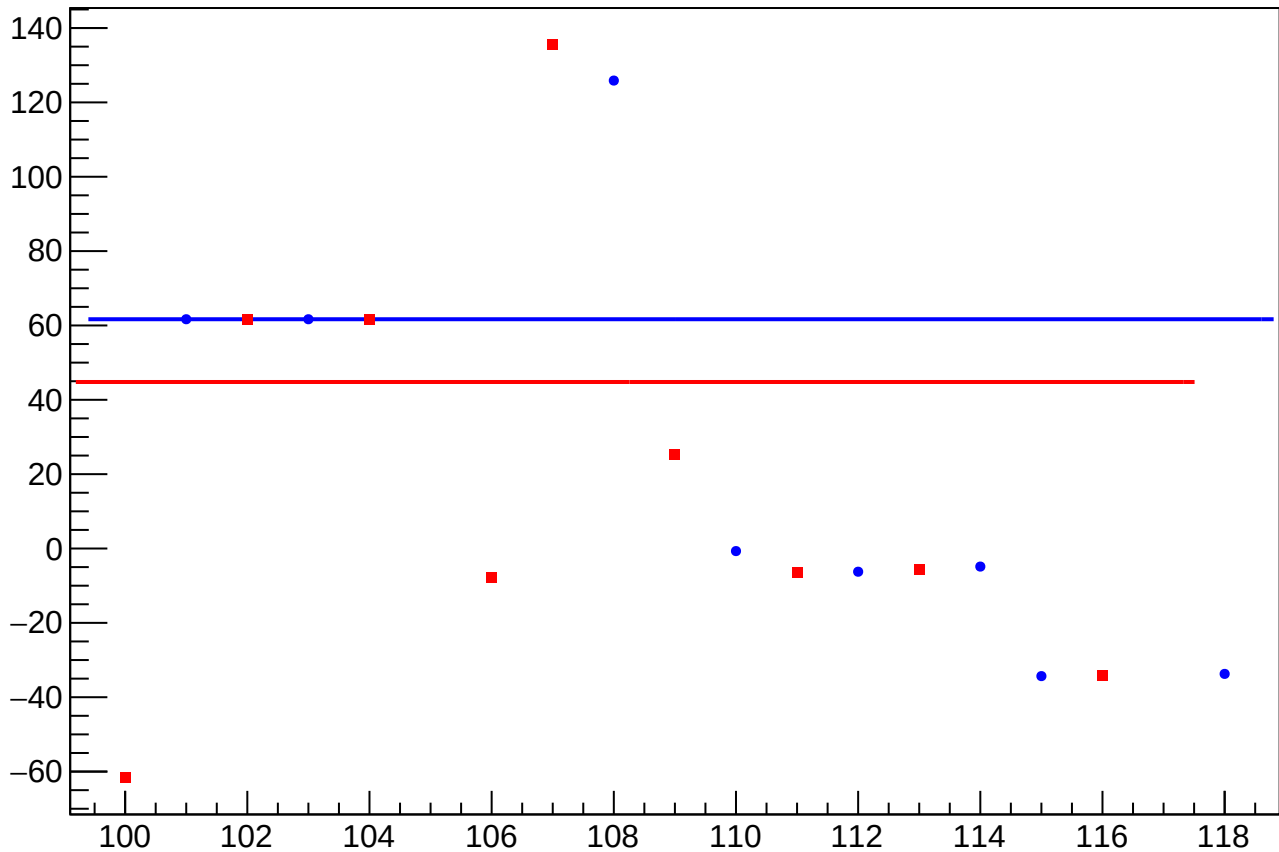
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5869780.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.672+/-0.000 χ^2/NDF : 47028938848.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

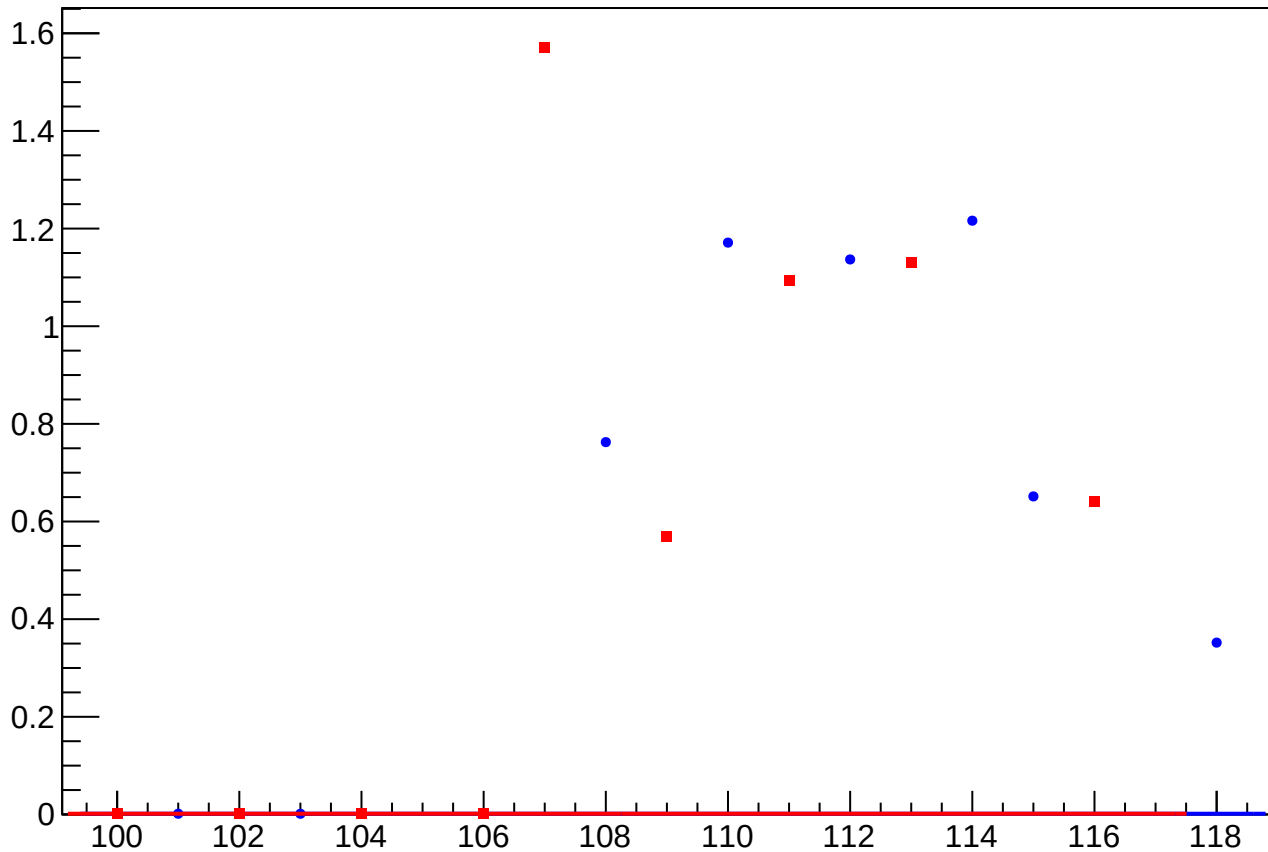
Right Out: 44.793+/-0.000 χ^2/NDF : 365875778605598.6/8

All: 52.697+/-0.000 χ^2/NDF : 4170382407984

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



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 : 3153354.6/8

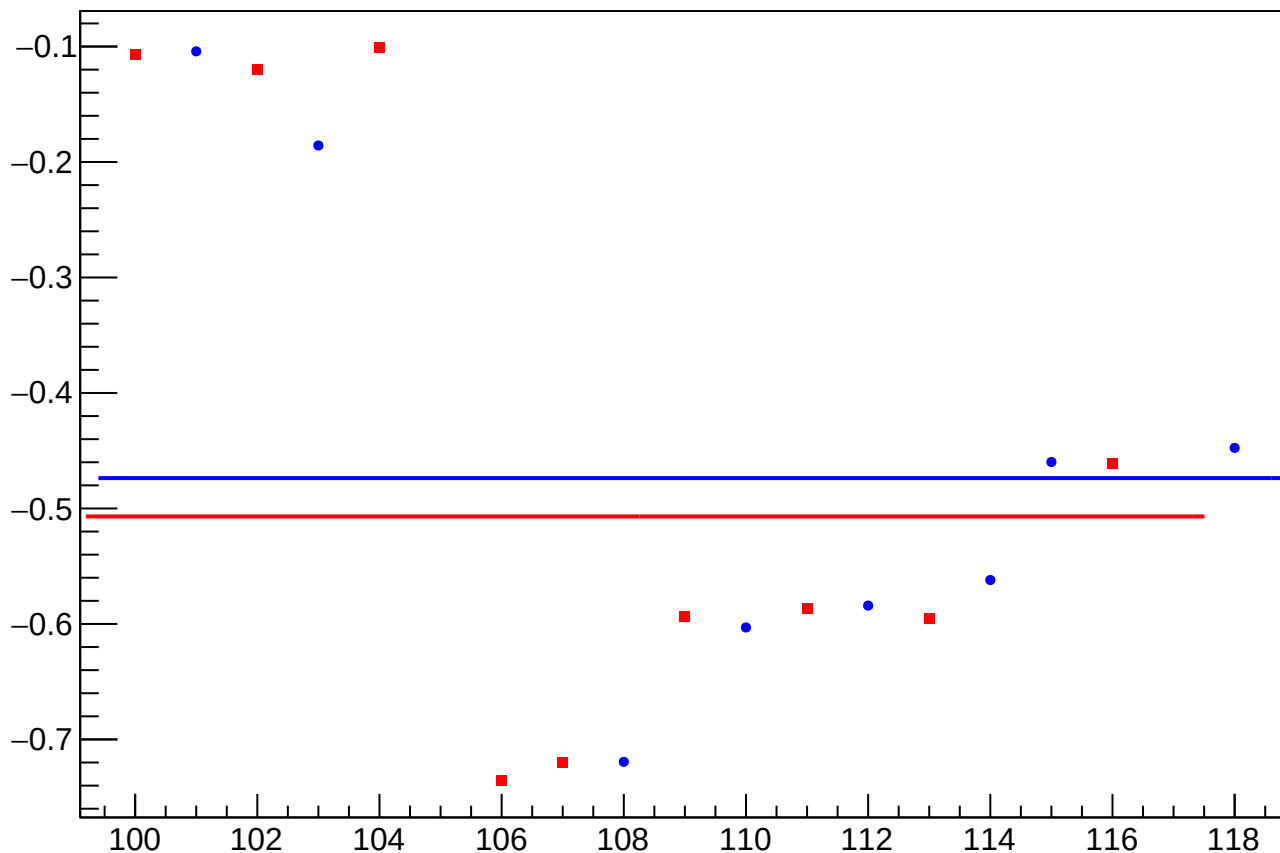
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6946409.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



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: -0.507+/-0.000 χ^2/NDF : 96813878.5/8

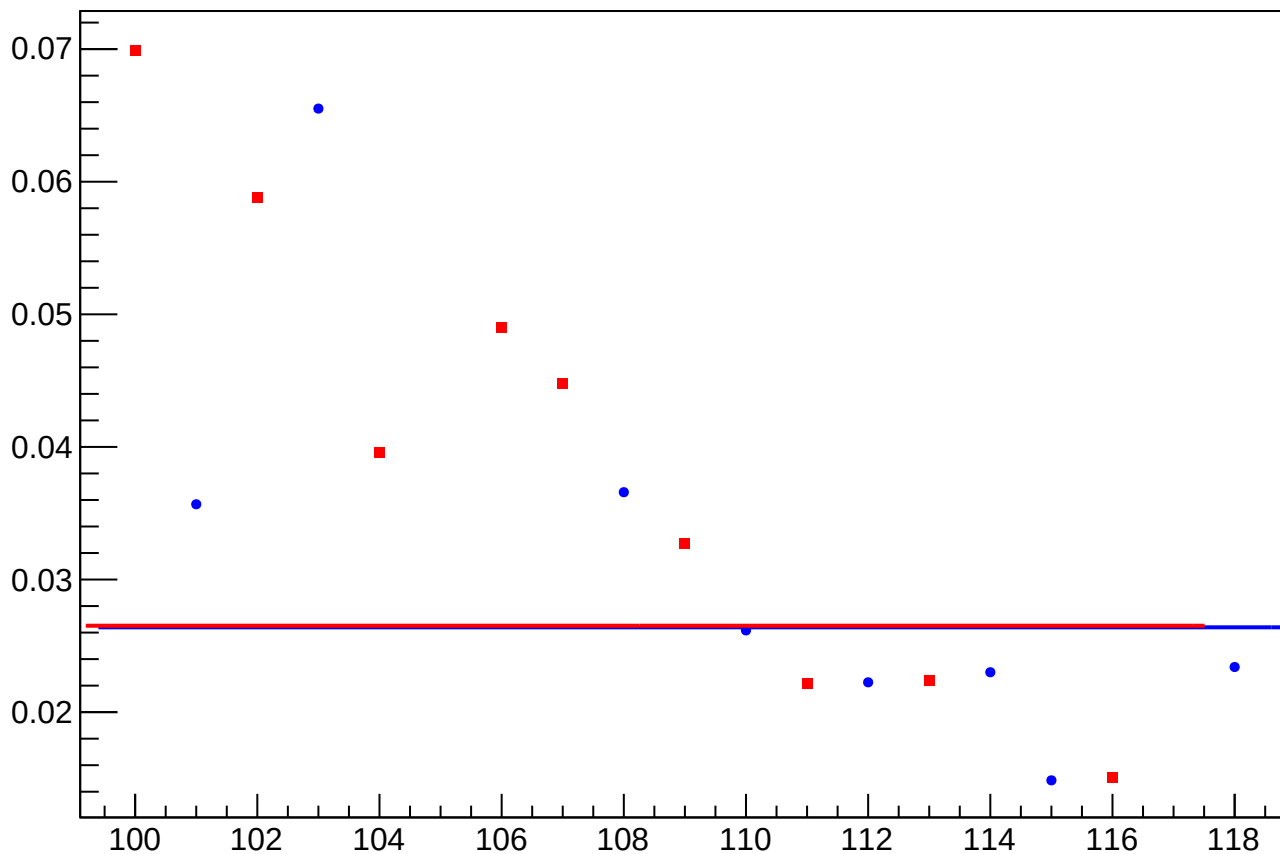
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.490+/-0.000 χ^2/NDF : 204568191.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.026 $\pm$ 0.000 χ^2 /NDF: 699375.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.027 $\pm$ 0.000 χ^2 /NDF: 963439.1/8

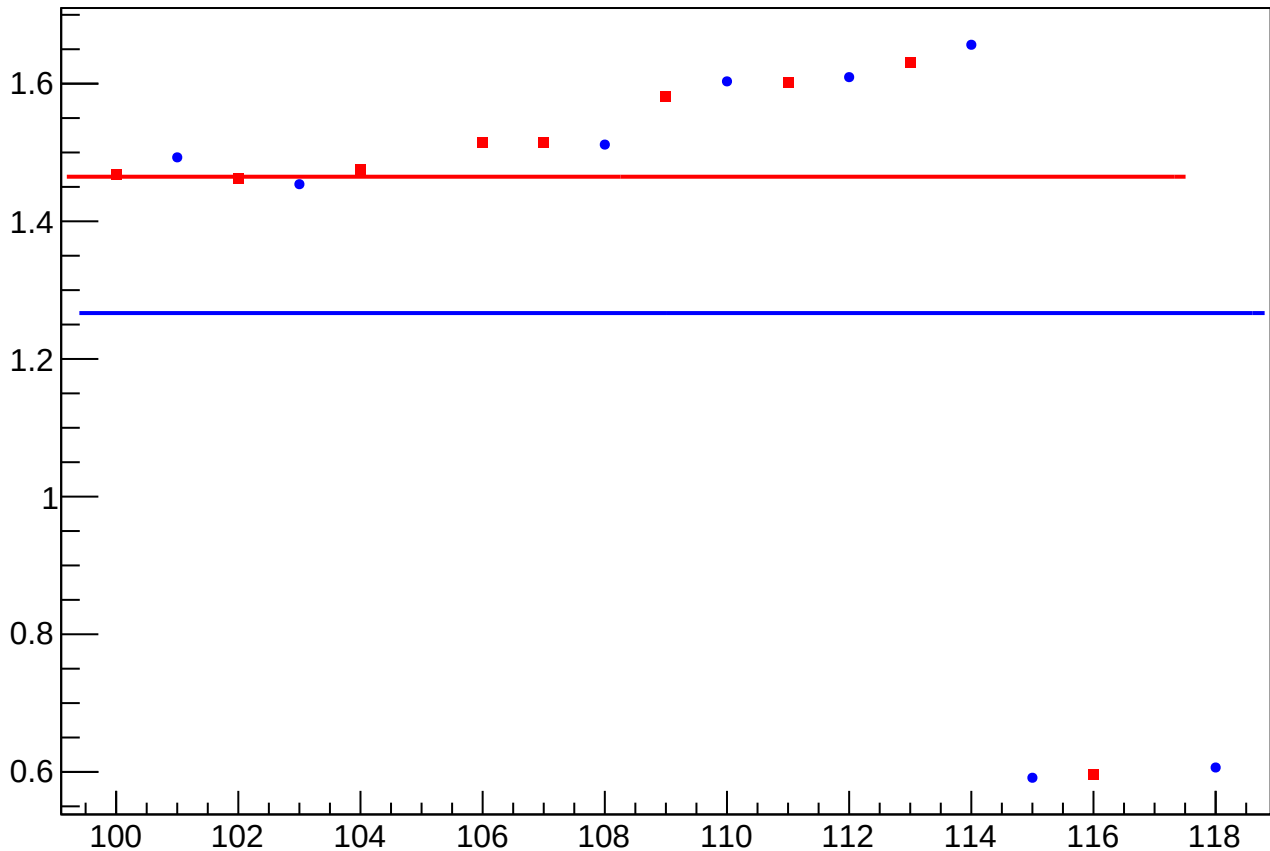
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.000 χ^2 /NDF: 1662863.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 1.267 $\pm$ 0.000 χ^2 /NDF: 1290340136.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.465 $\pm$ 0.000 χ^2 /NDF: 322884096.9/8

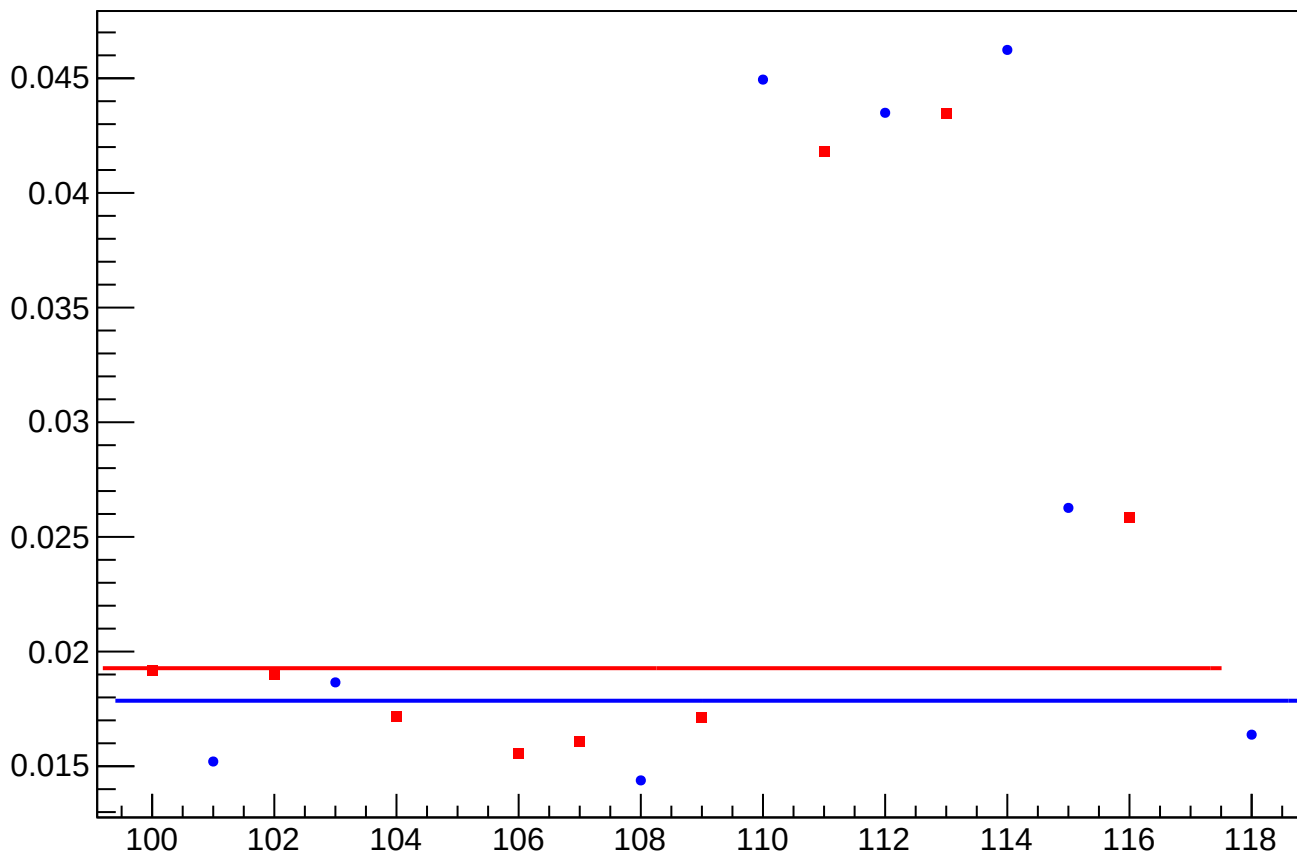
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.361 $\pm$ 0.000 χ^2 /NDF: 1770453234.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_rms vs Slug



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 : 627494.3/8

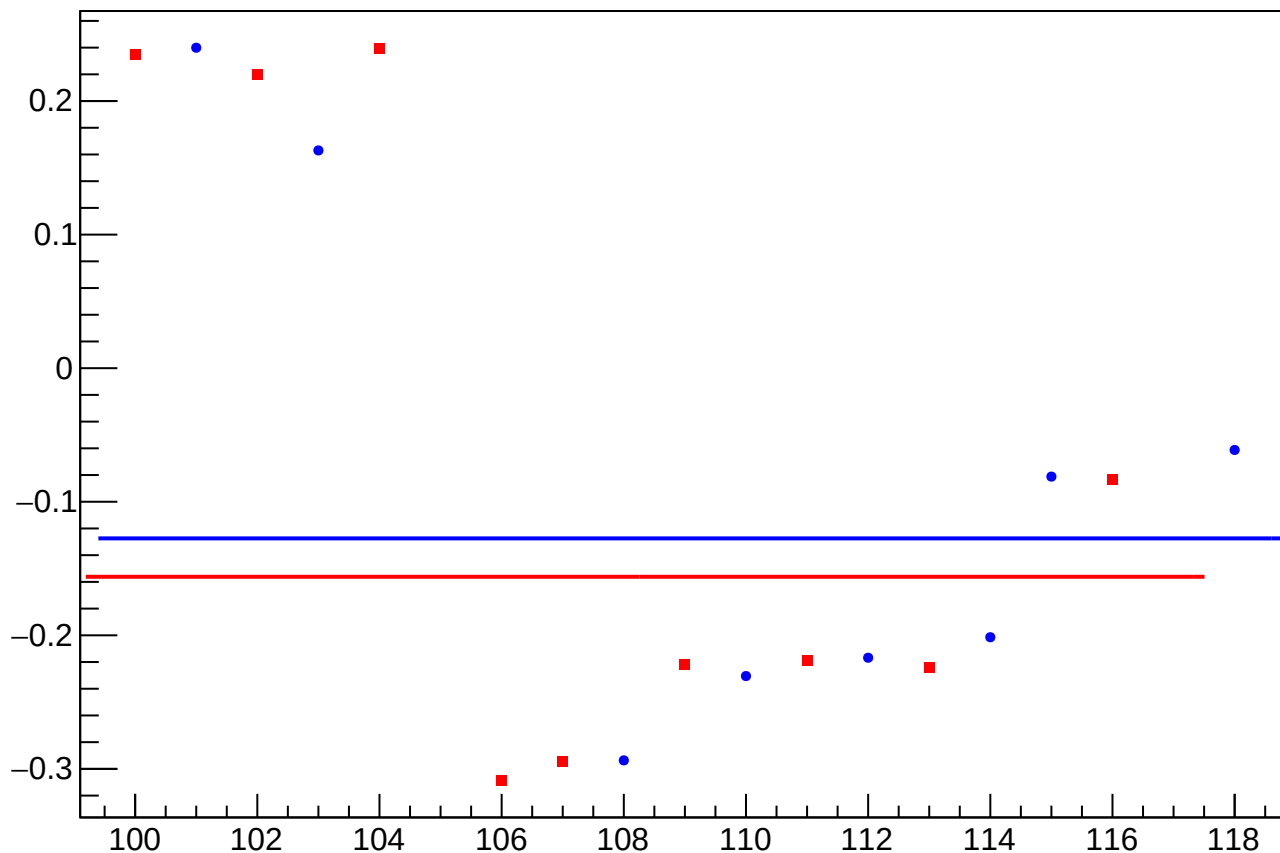
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1403456.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug



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: -0.156+/-0.000 χ^2/NDF : 89949794.1/8

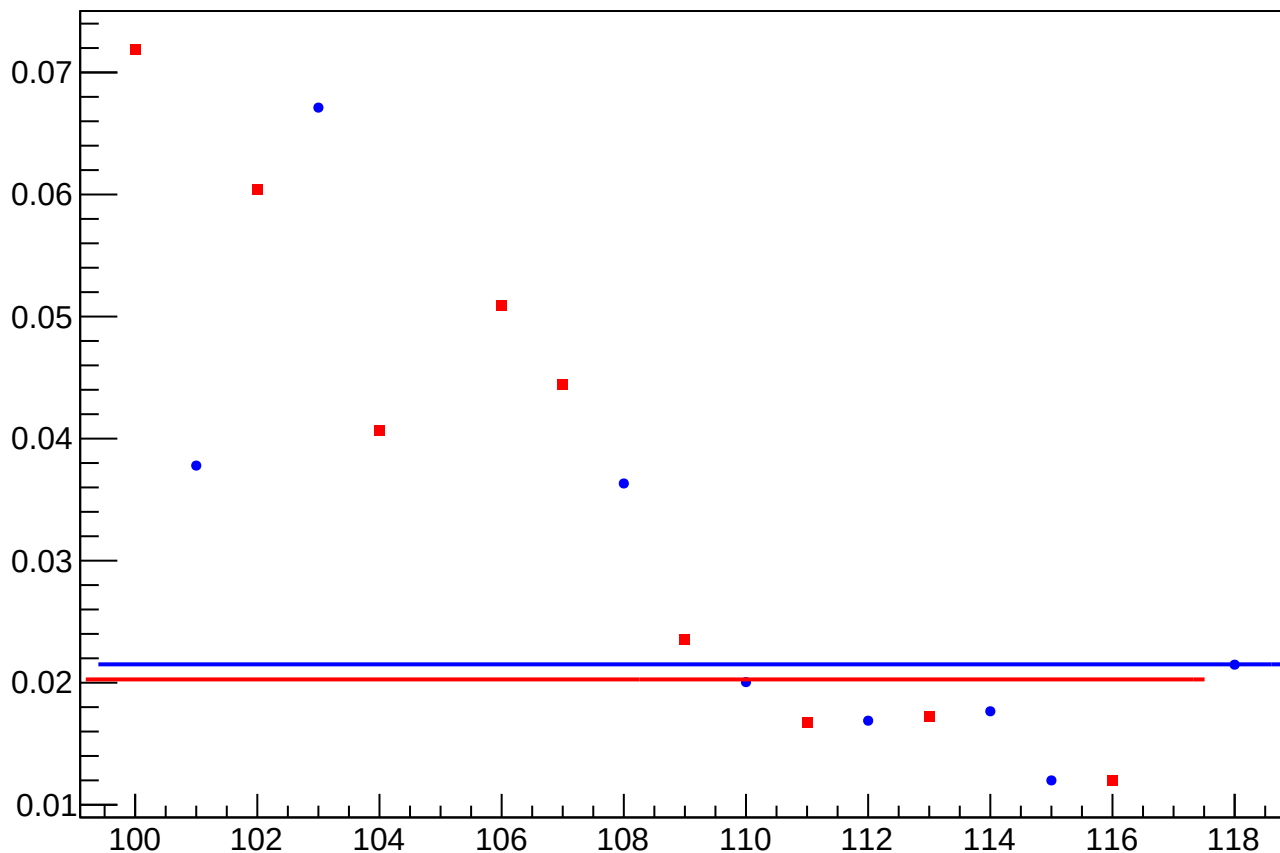
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.142+/-0.000 χ^2/NDF : 190914592.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 1047640.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1339454.2/8

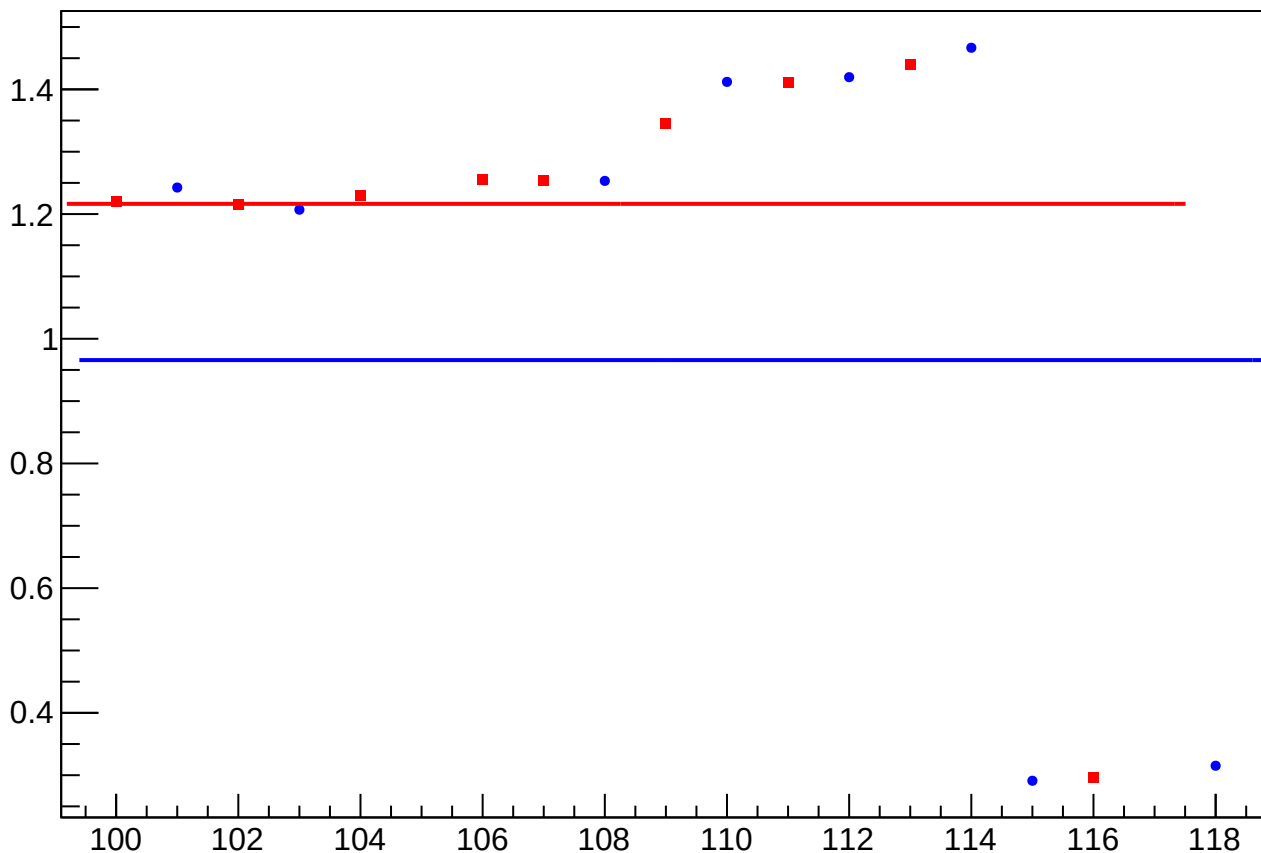
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 2395171.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.966+/-0.000 χ^2/NDF : 2442807418.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.216+/-0.000 χ^2/NDF : 451538429.5/8

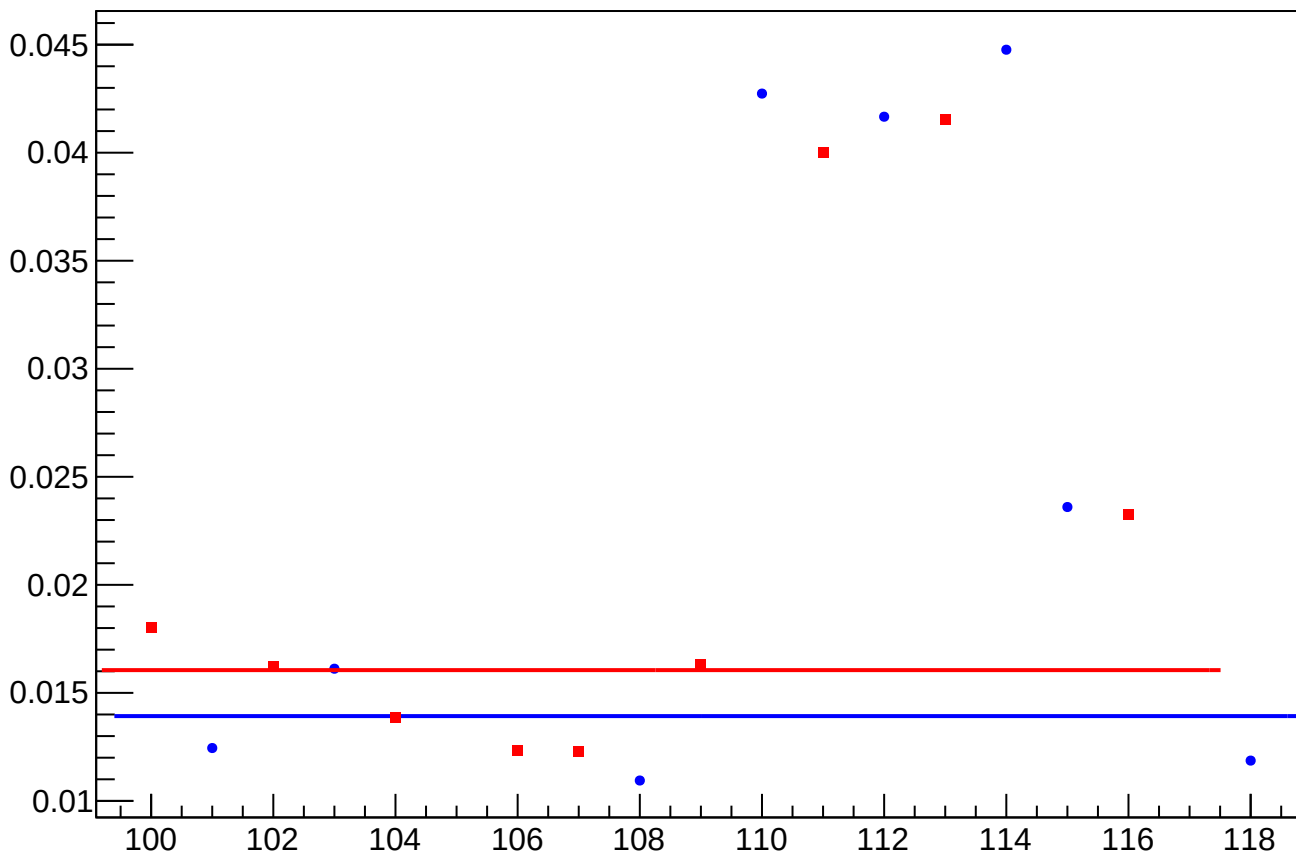
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.077+/-0.000 χ^2/NDF : 3263009236.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



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: 0.016+/-0.000 χ^2/NDF : 795242.1/8

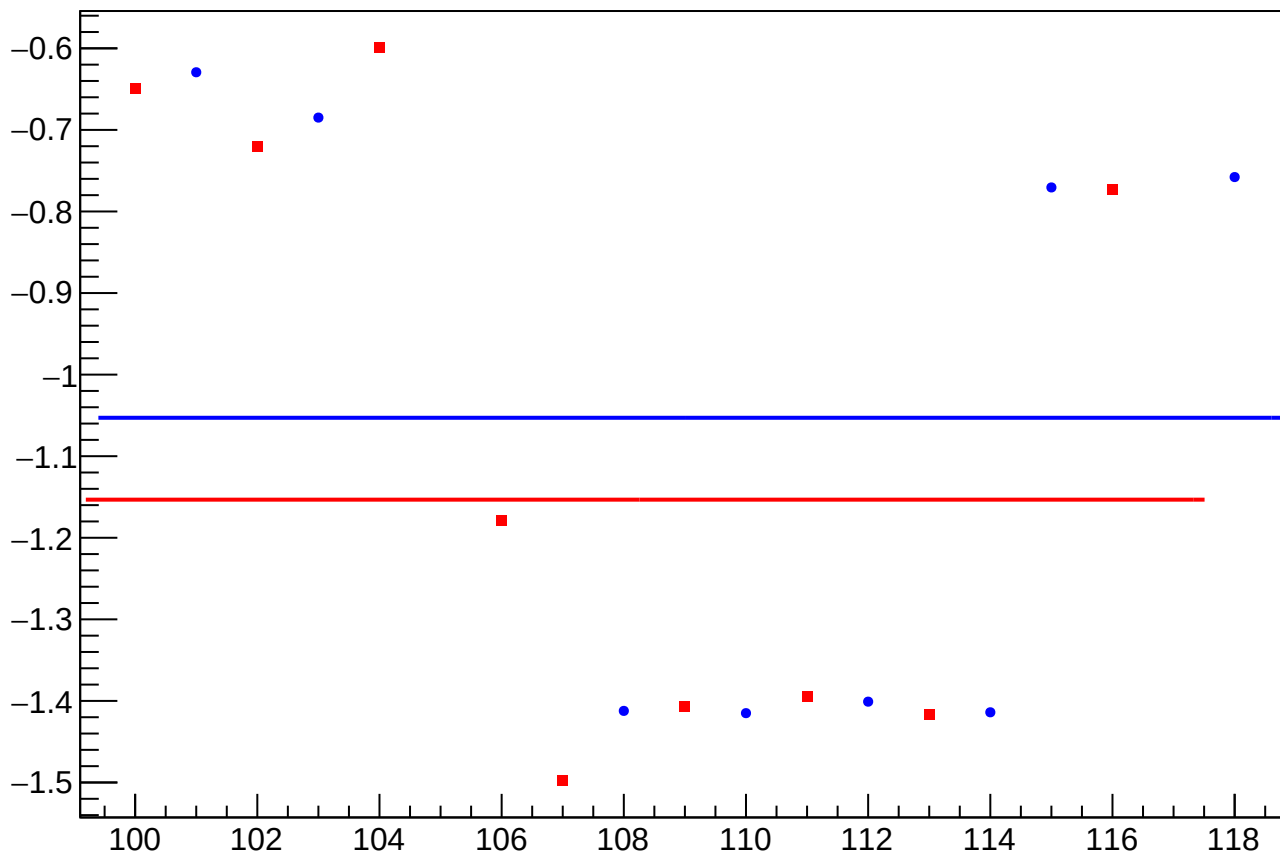
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1823203.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_mean vs Slug



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: -1.153+/-0.000 χ^2/NDF : 392600501.6/8

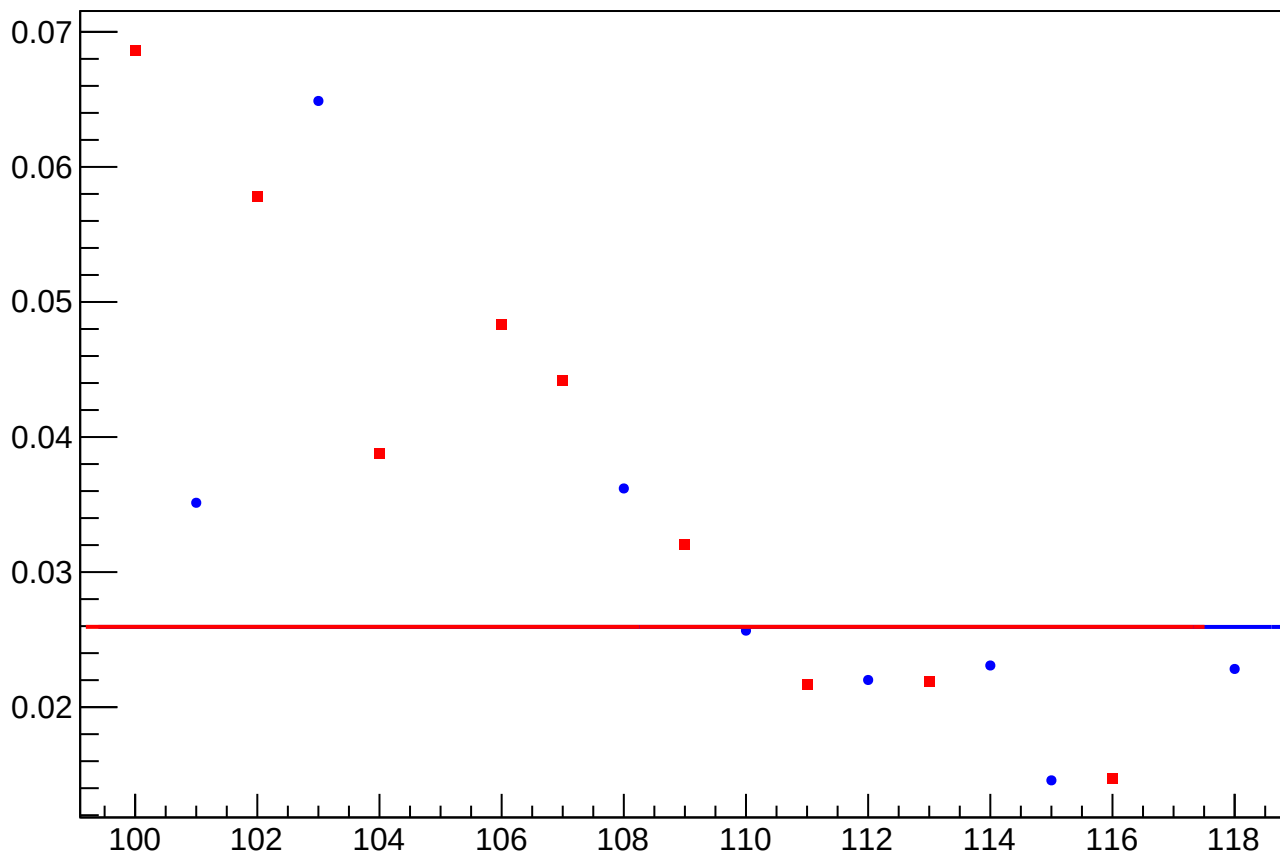
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.103+/-0.000 χ^2/NDF : 848244312.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



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 : 970650.4/8

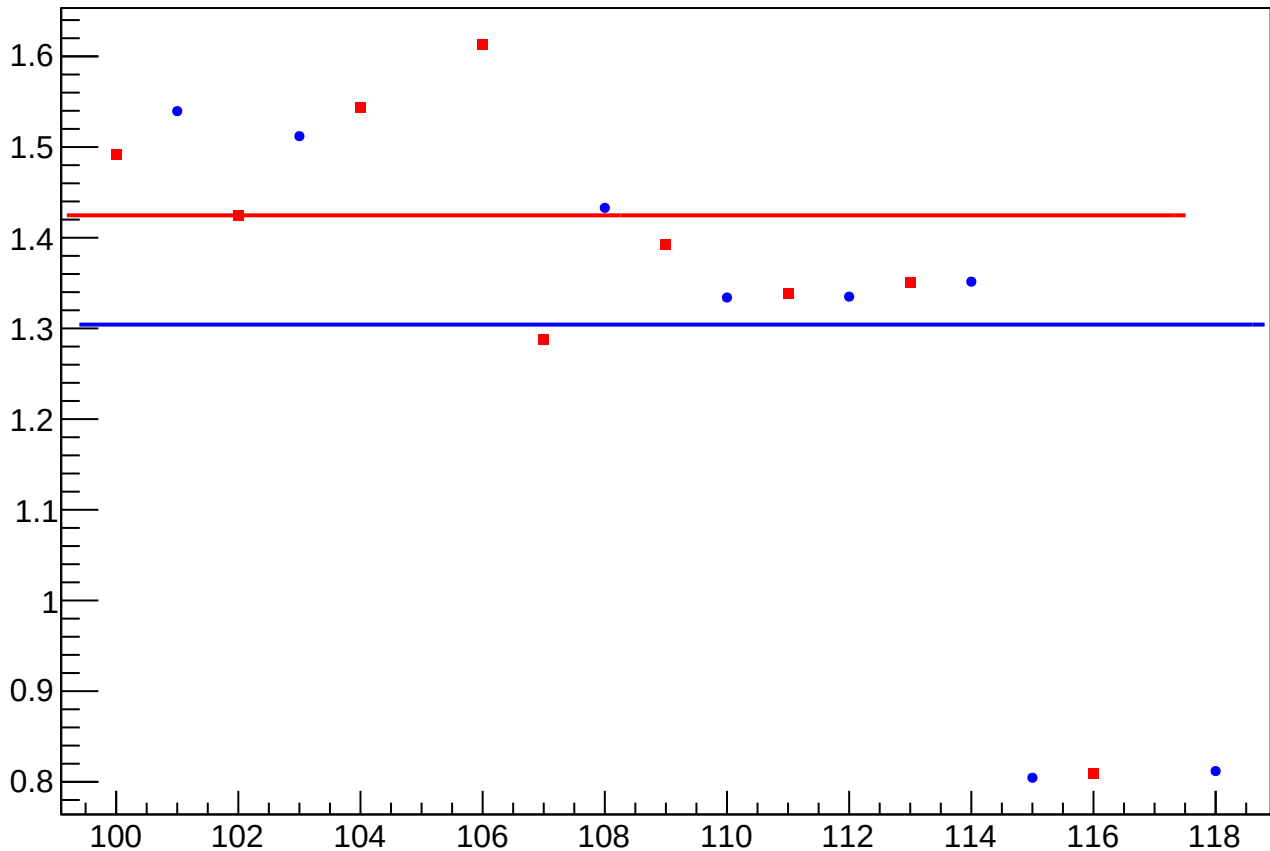
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 1674427.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.304 $\pm$ 0.000 χ^2 /NDF: 745899207.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.425 $\pm$ 0.000 χ^2 /NDF: 227219728.7/8

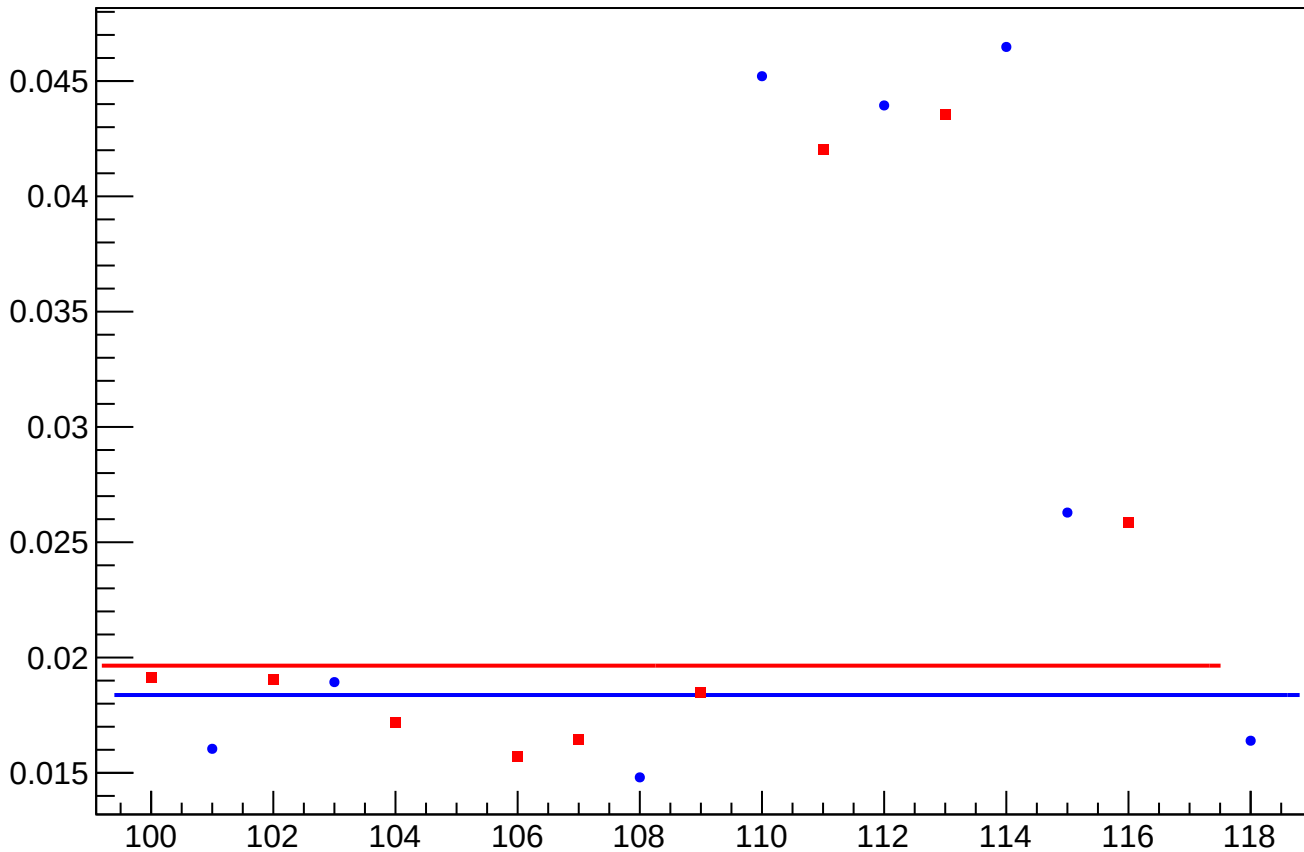
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.362 $\pm$ 0.000 χ^2 /NDF: 1028517205.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acY_rms vs Slug



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: 0.020+/-0.000 χ^2/NDF : 609414.1/8

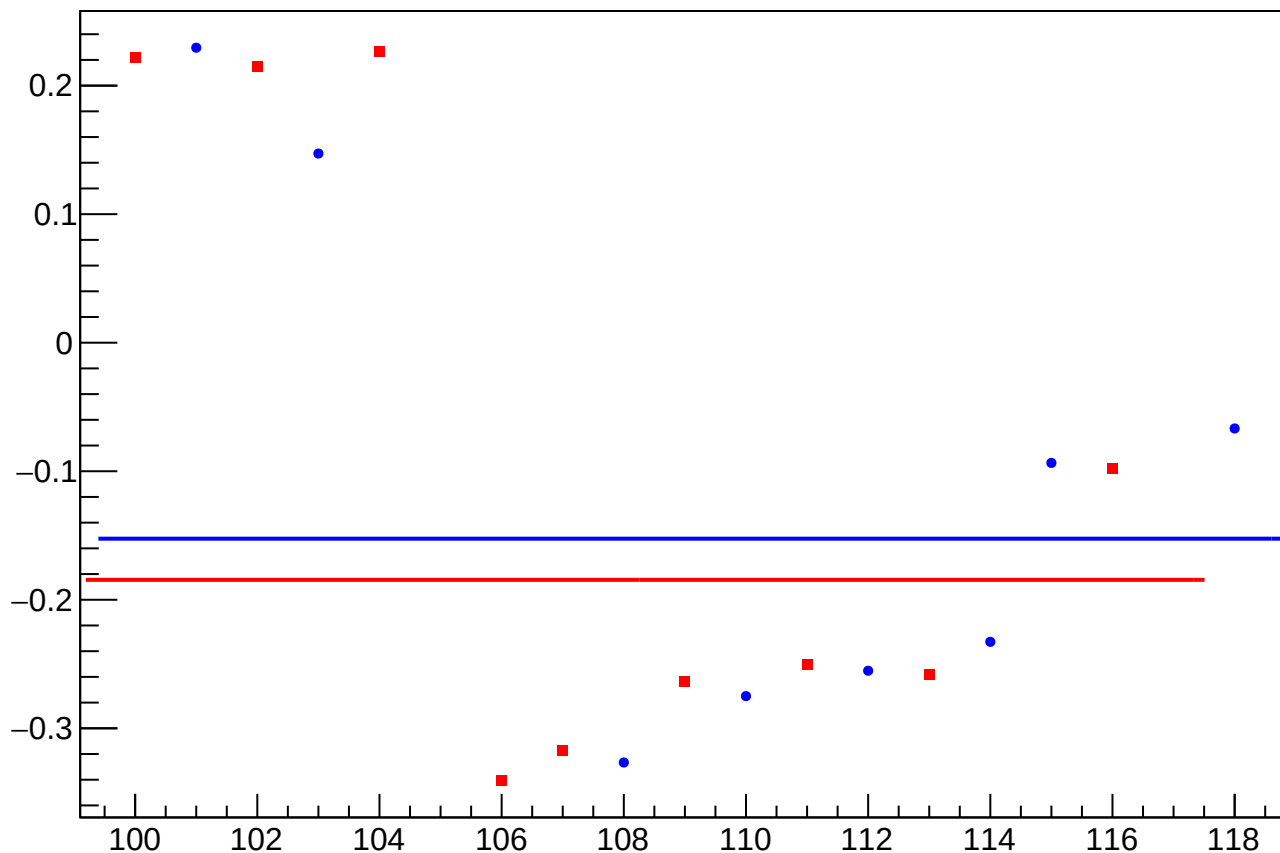
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 1353741.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



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: -0.184+/-0.000 χ^2/NDF : 99184867.5/8

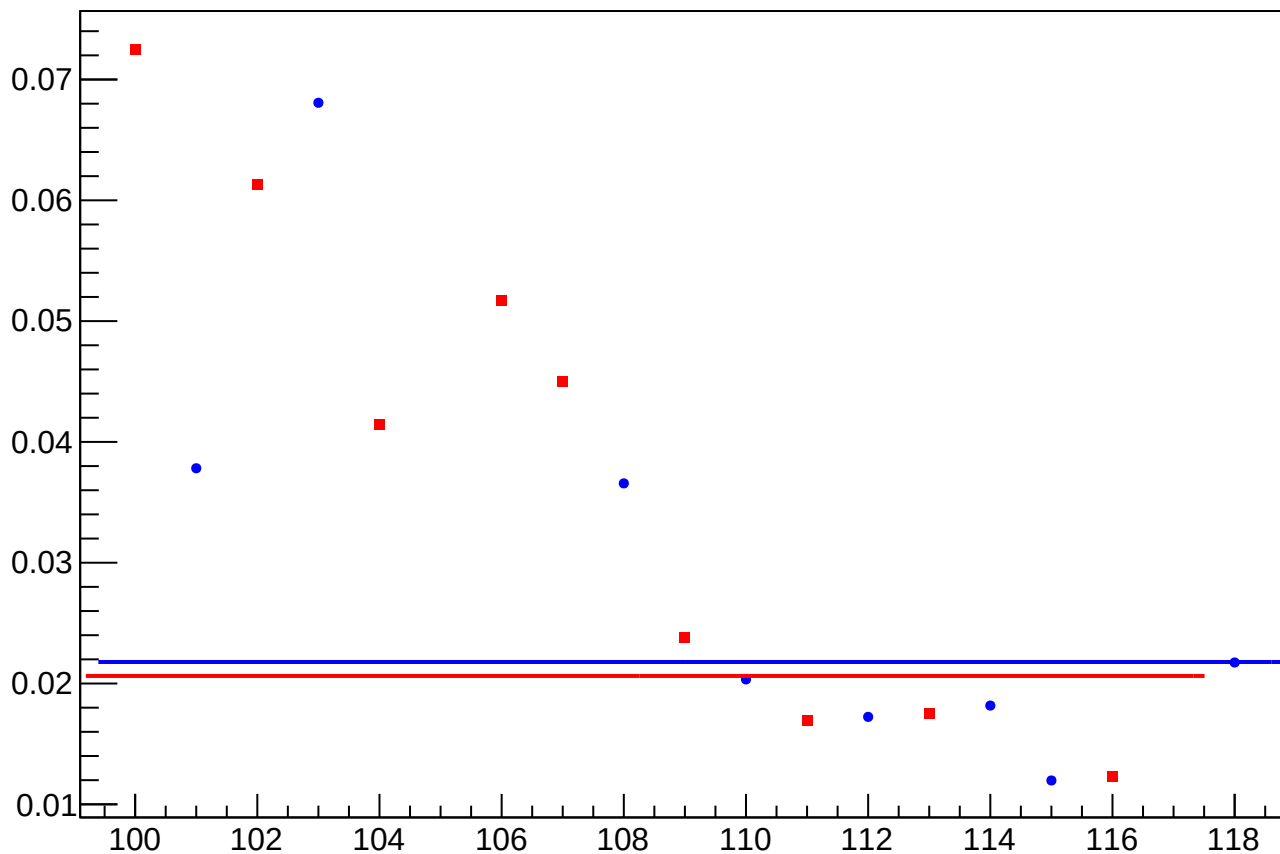
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.169+/-0.000 χ^2/NDF : 215247566.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.022 $\pm$ 0.000 χ^2 /NDF: 1038061.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.000 χ^2 /NDF: 1332678.4/8

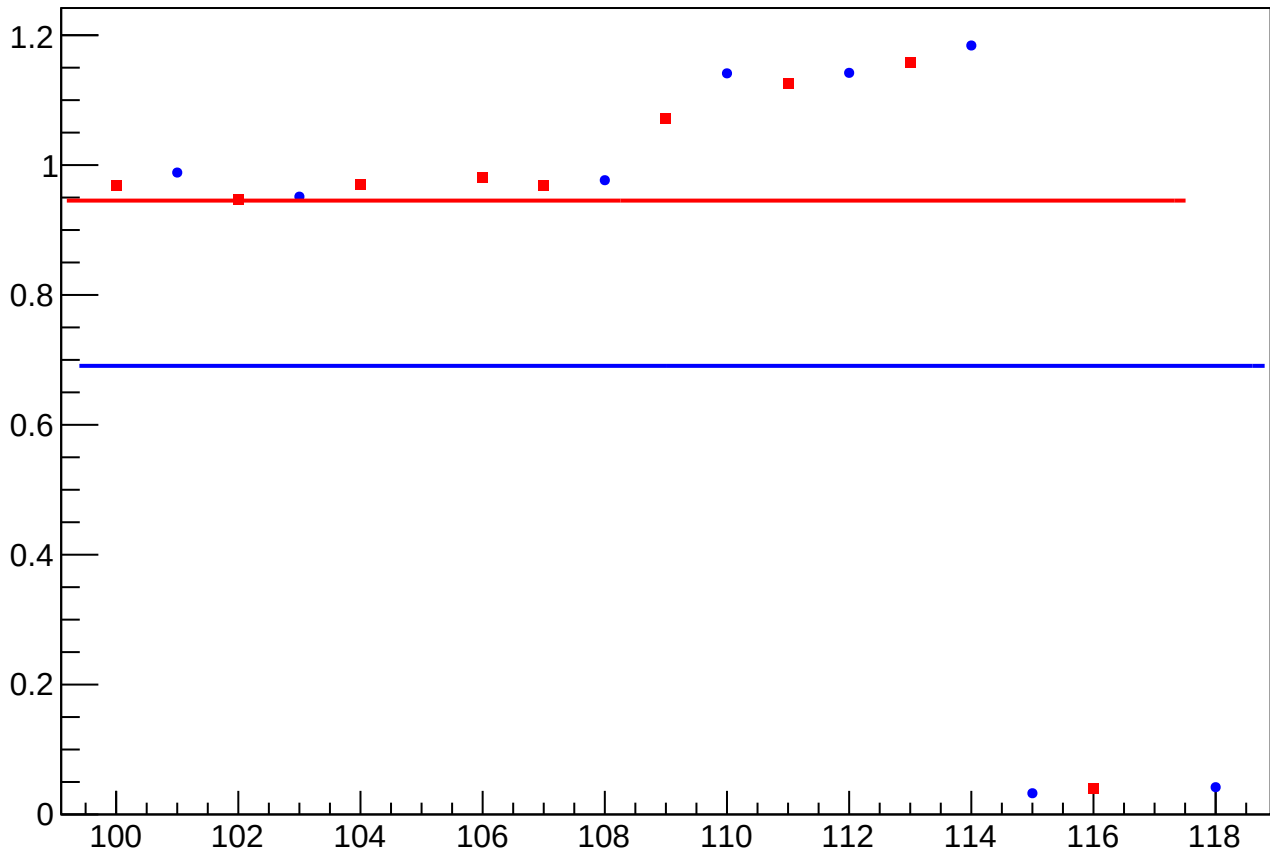
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.000 χ^2 /NDF: 2377607.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.691+/-0.000 χ^2/NDF : 2565216890.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.945+/-0.000 χ^2/NDF : 454314062.5/8

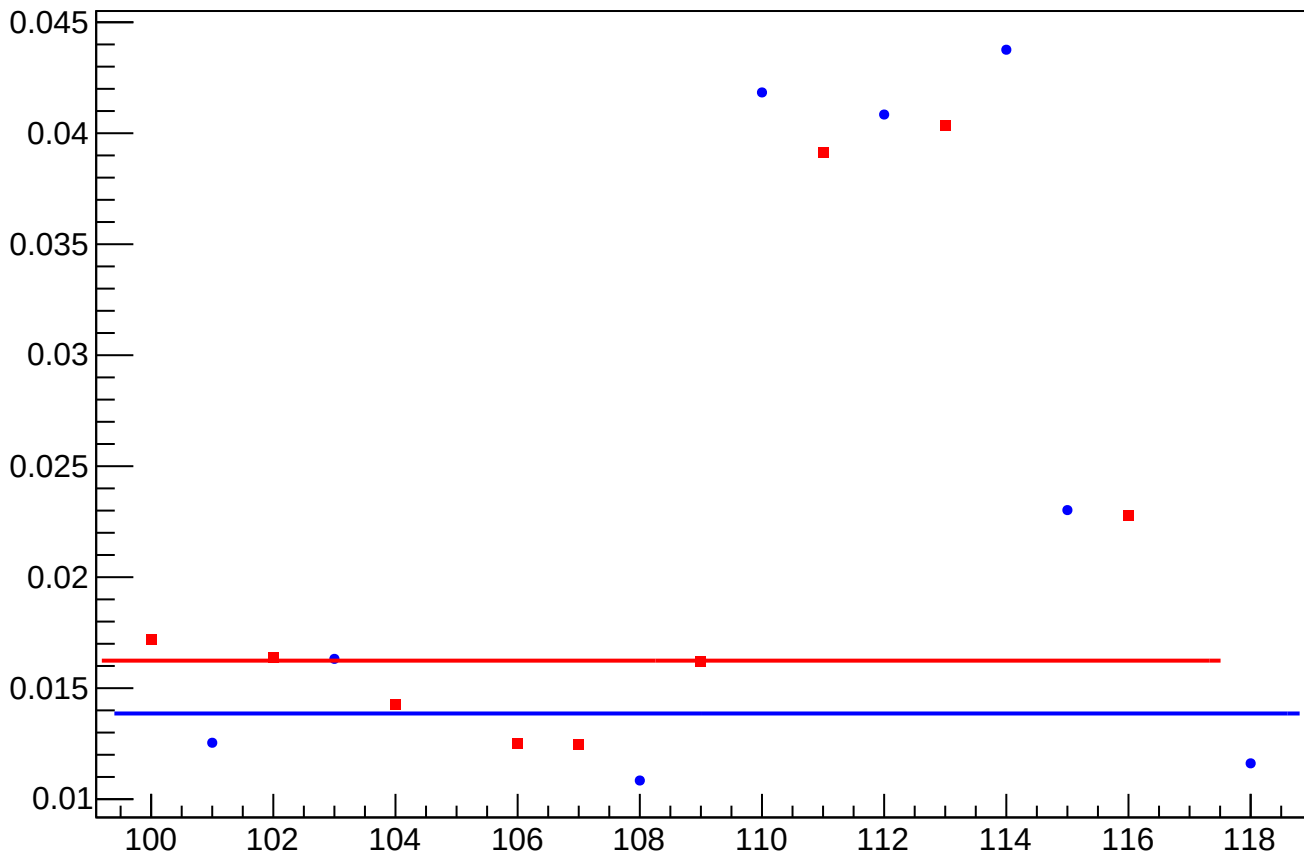
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.803+/-0.000 χ^2/NDF : 3398886981.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



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: 0.016+/-0.000 χ^2/NDF : 750917.0/8

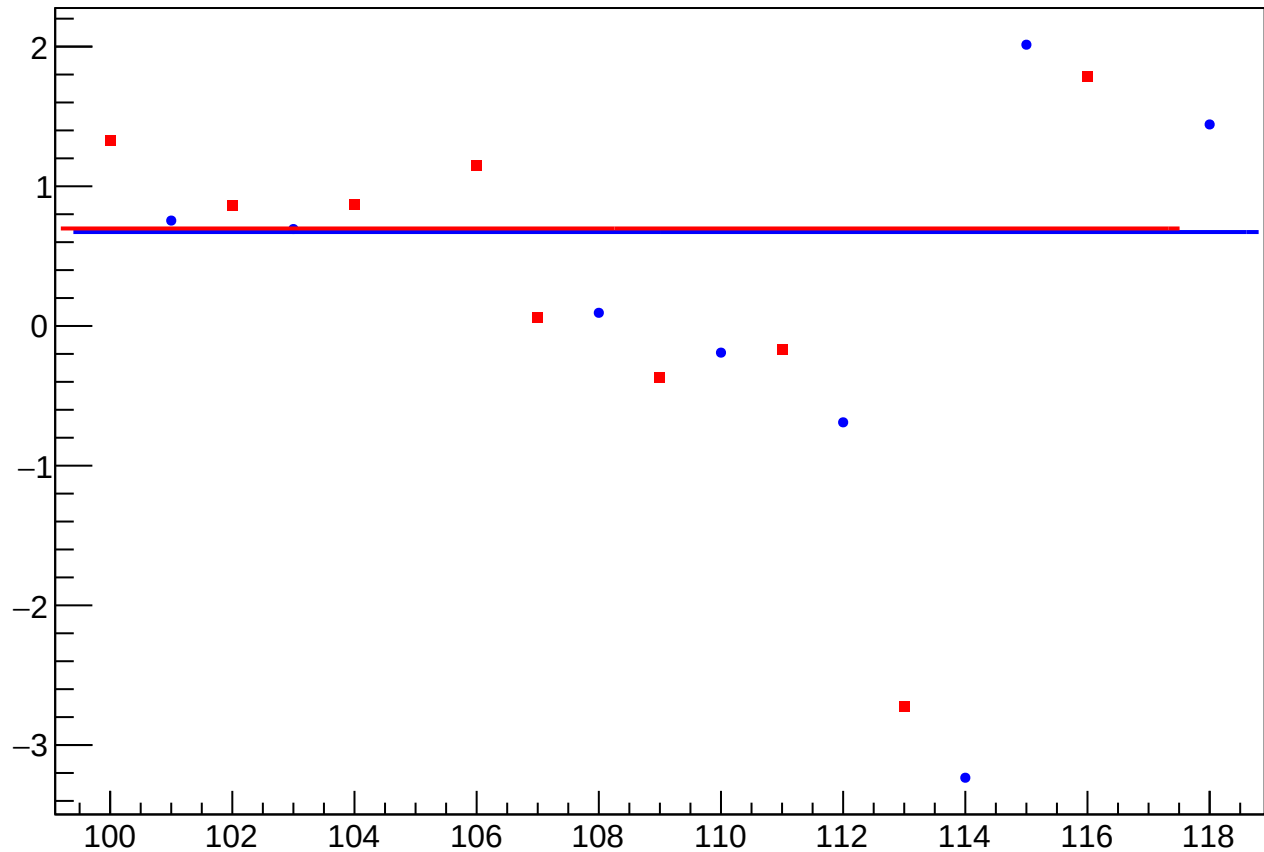
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1788687.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.672 $\pm$ 0.000 χ^2 /NDF: 321612159.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.698 $\pm$ 0.000 χ^2 /NDF: 964853906.3/8

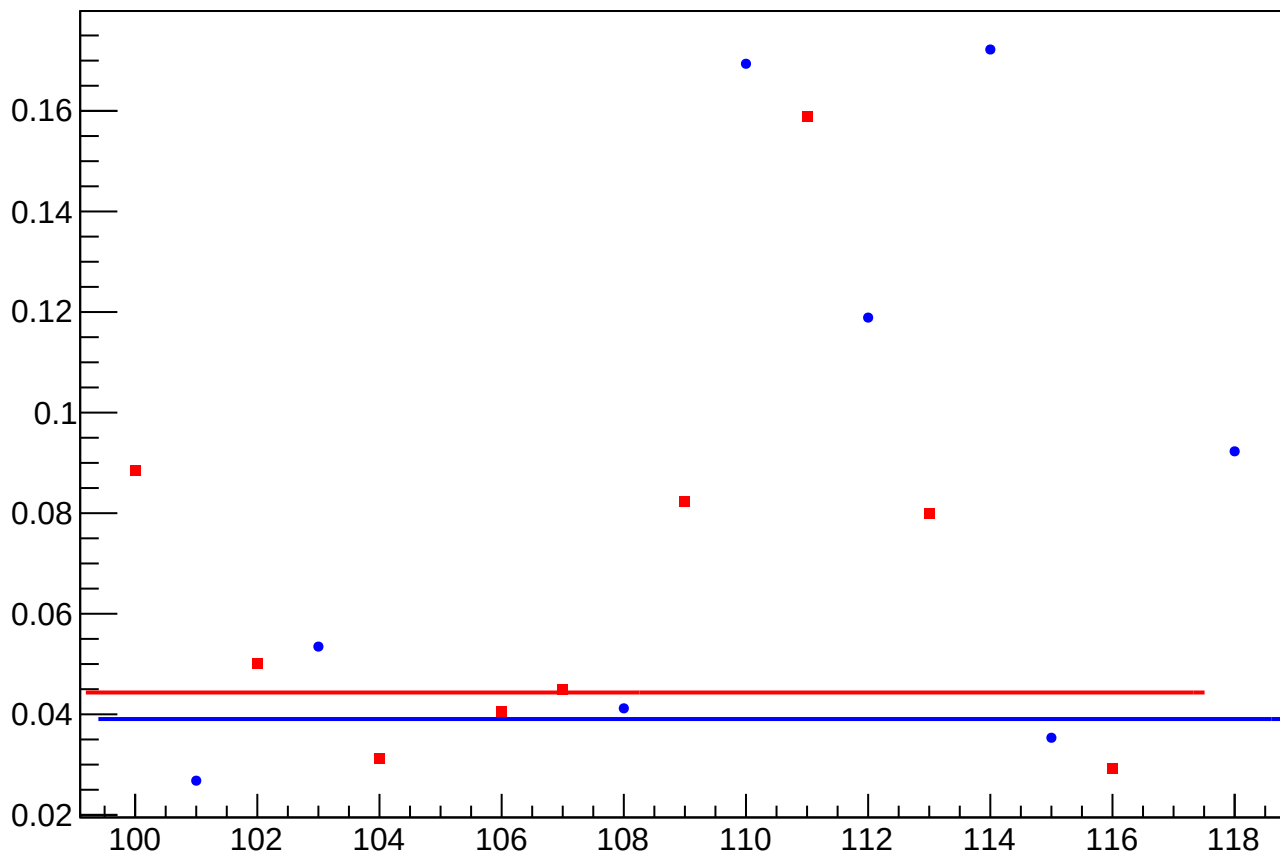
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.684 $\pm$ 0.000 χ^2 /NDF: 1286857715.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.039 $\pm$ 0.000 χ^2 /NDF: 1463007.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.000 χ^2 /NDF: 1013341.6/8

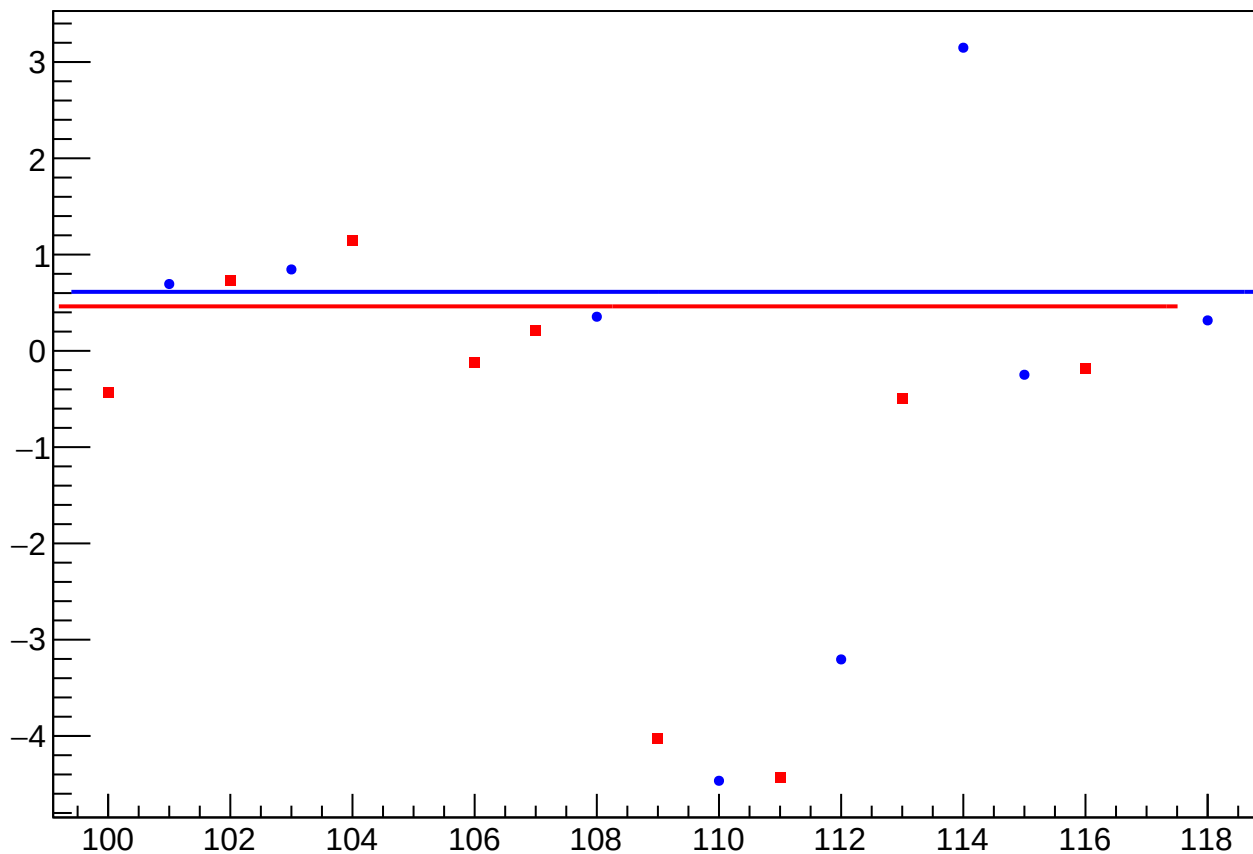
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 2509772.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.613 $\pm$ 0.000 χ^2 /NDF: 1342966656.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.462 $\pm$ 0.000 χ^2 /NDF: 3695531397.7/8

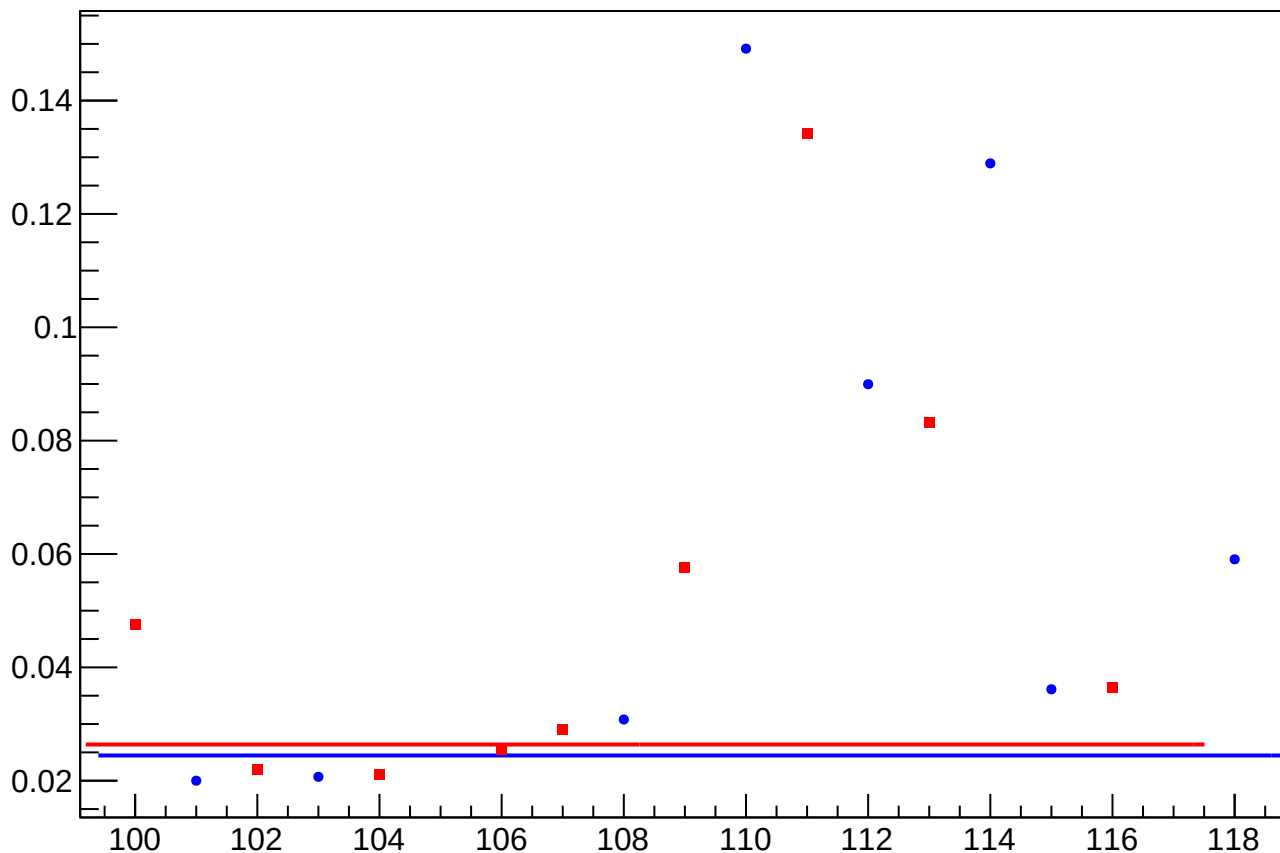
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.538 $\pm$ 0.000 χ^2 /NDF: 5075320792.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1Y_rms vs Slug



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: 0.026+/-0.000 χ^2/NDF : 1298030.9/8

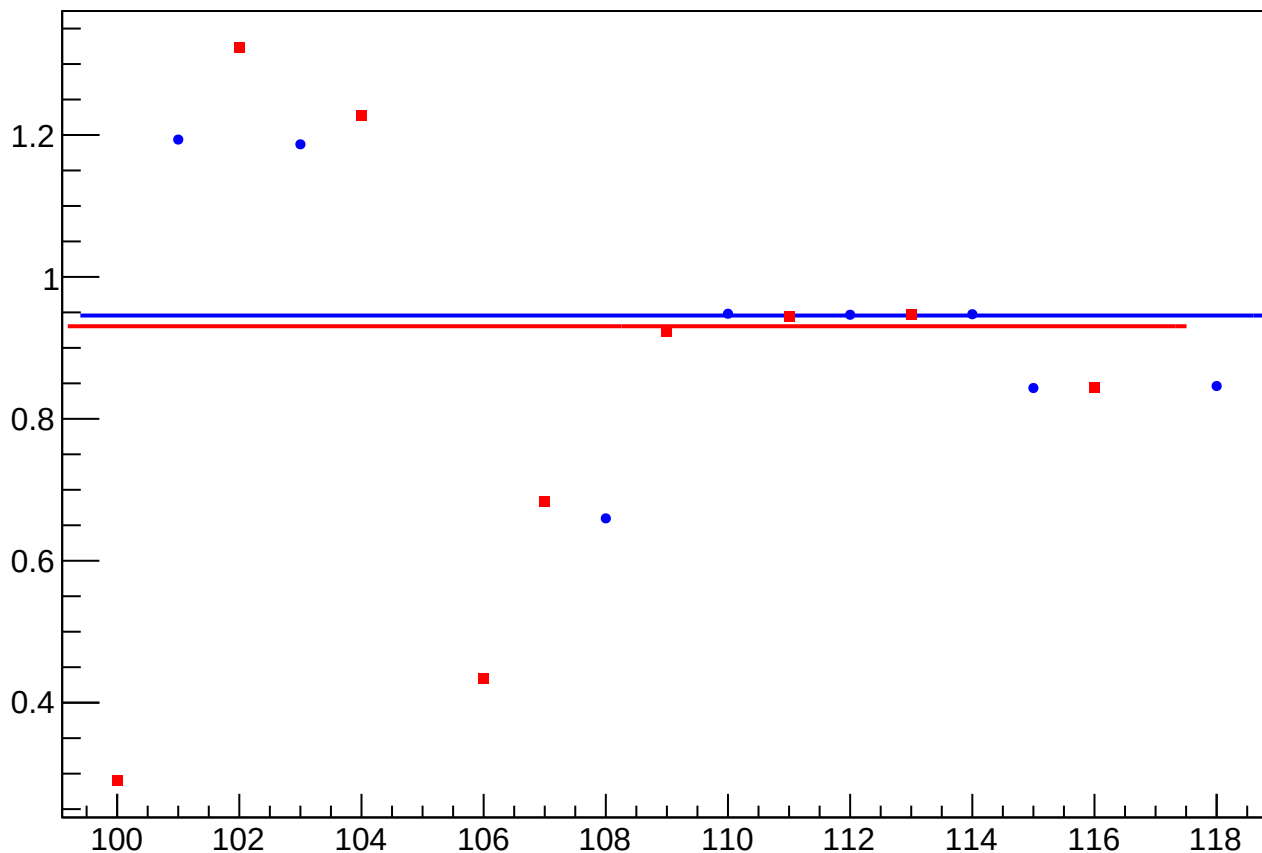
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.000 χ^2/NDF : 2702963.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



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: 0.930+/-0.000 χ^2/NDF : 451534784.0/8

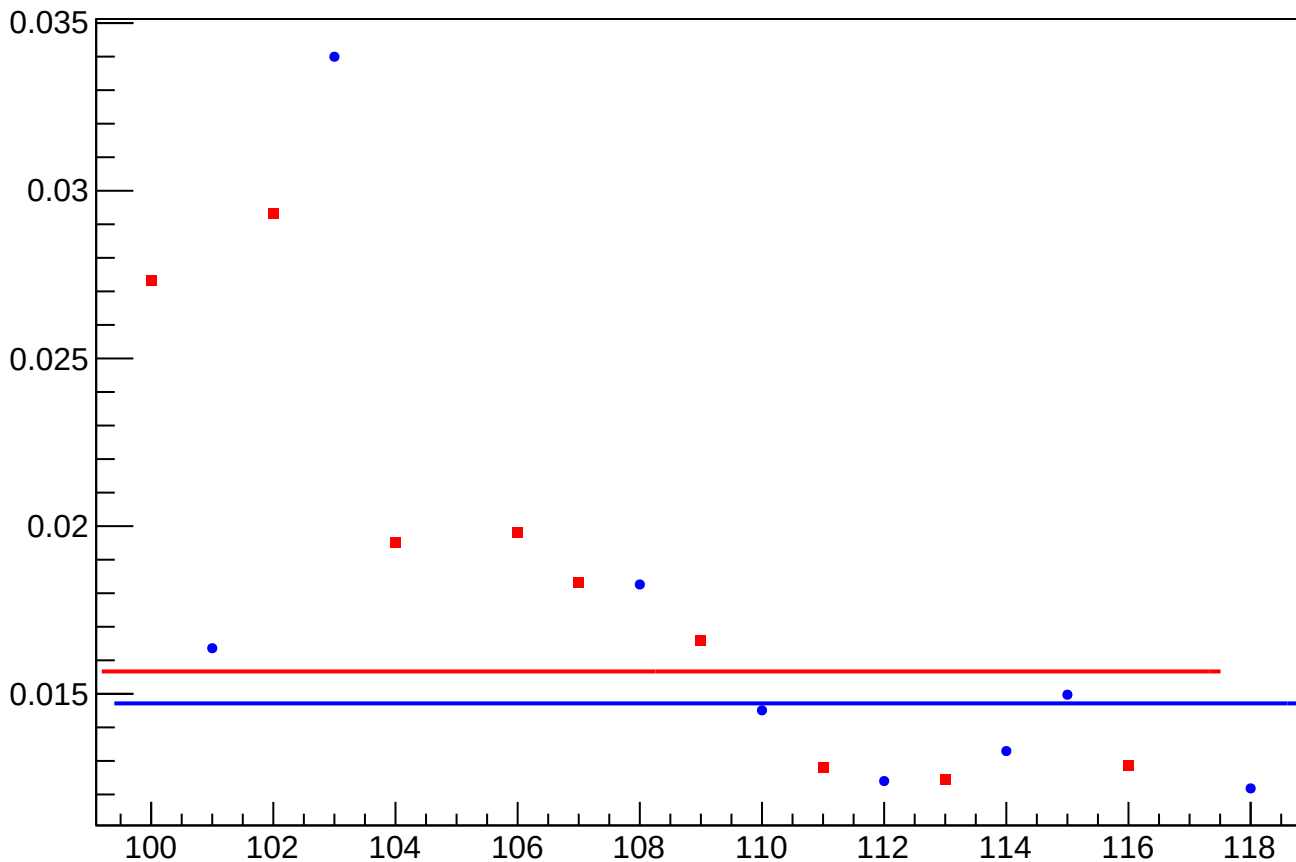
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.938+/-0.000 χ^2/NDF : 731752132.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_rms vs Slug



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: 0.016+/-0.000 χ^2/NDF : 455429.9/8

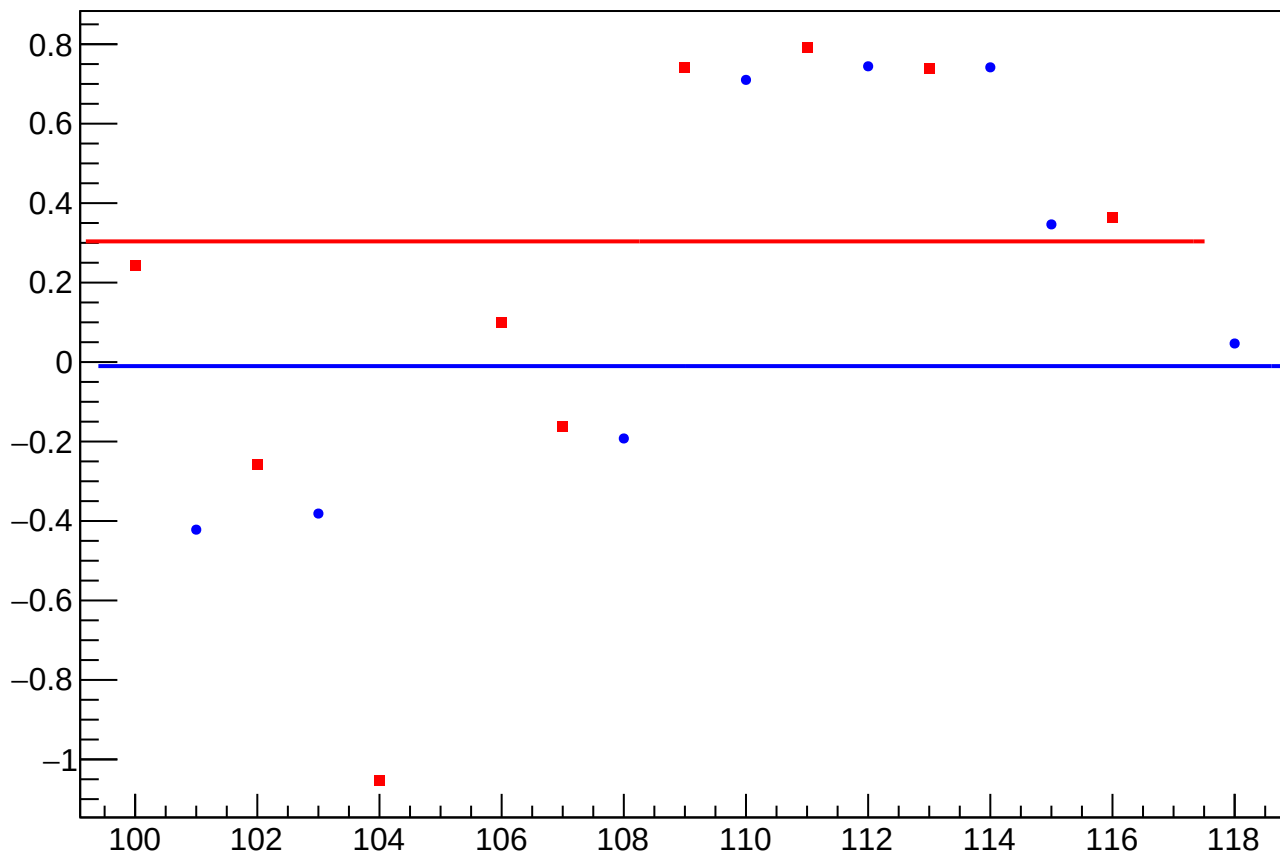
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 942895.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.010 $\pm$ 0.000 χ^2 /NDF: 1817350743.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.304 $\pm$ 0.000 χ^2 /NDF: 5912547729.3/8

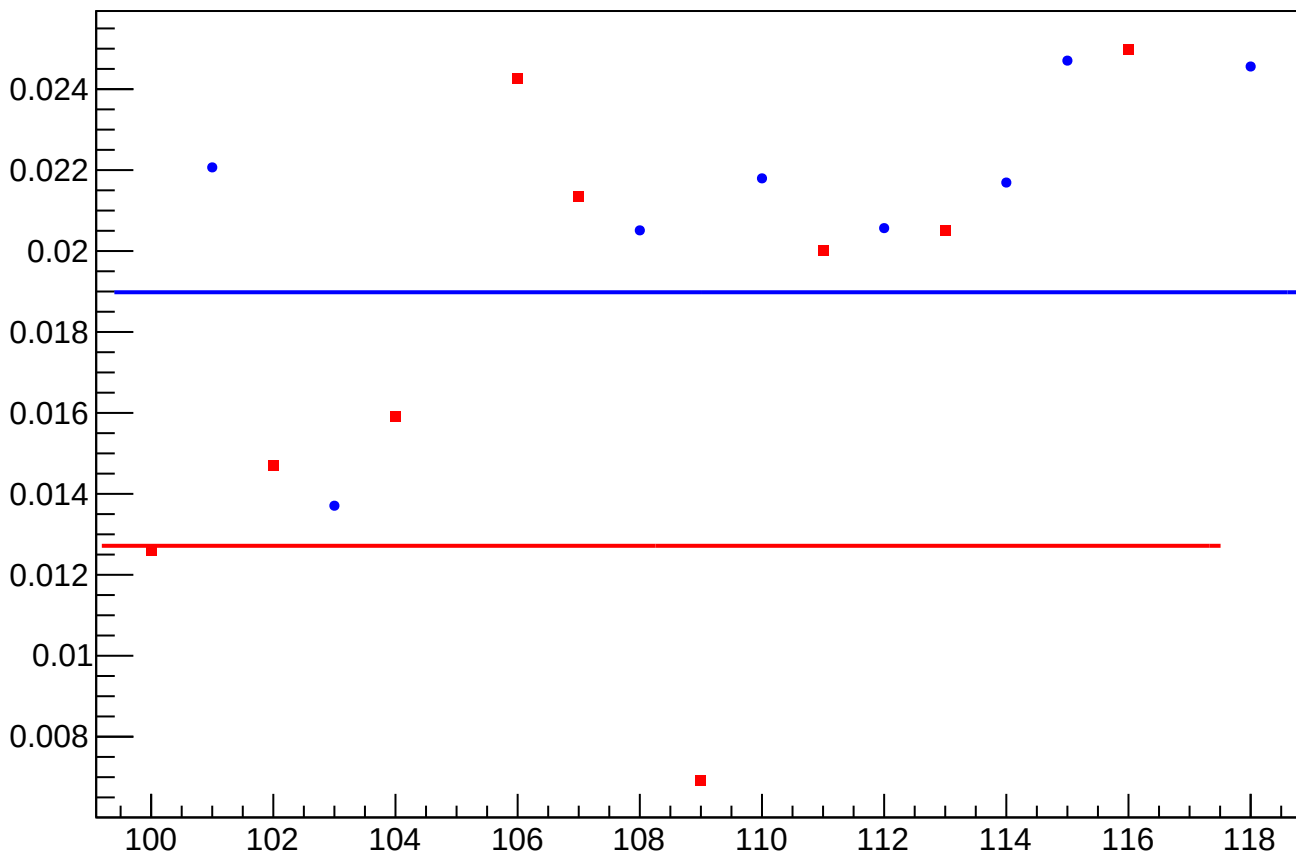
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.196 $\pm$ 0.000 χ^2 /NDF: 8245840928.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11Y_rms vs Slug



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 : 1077843.4/8

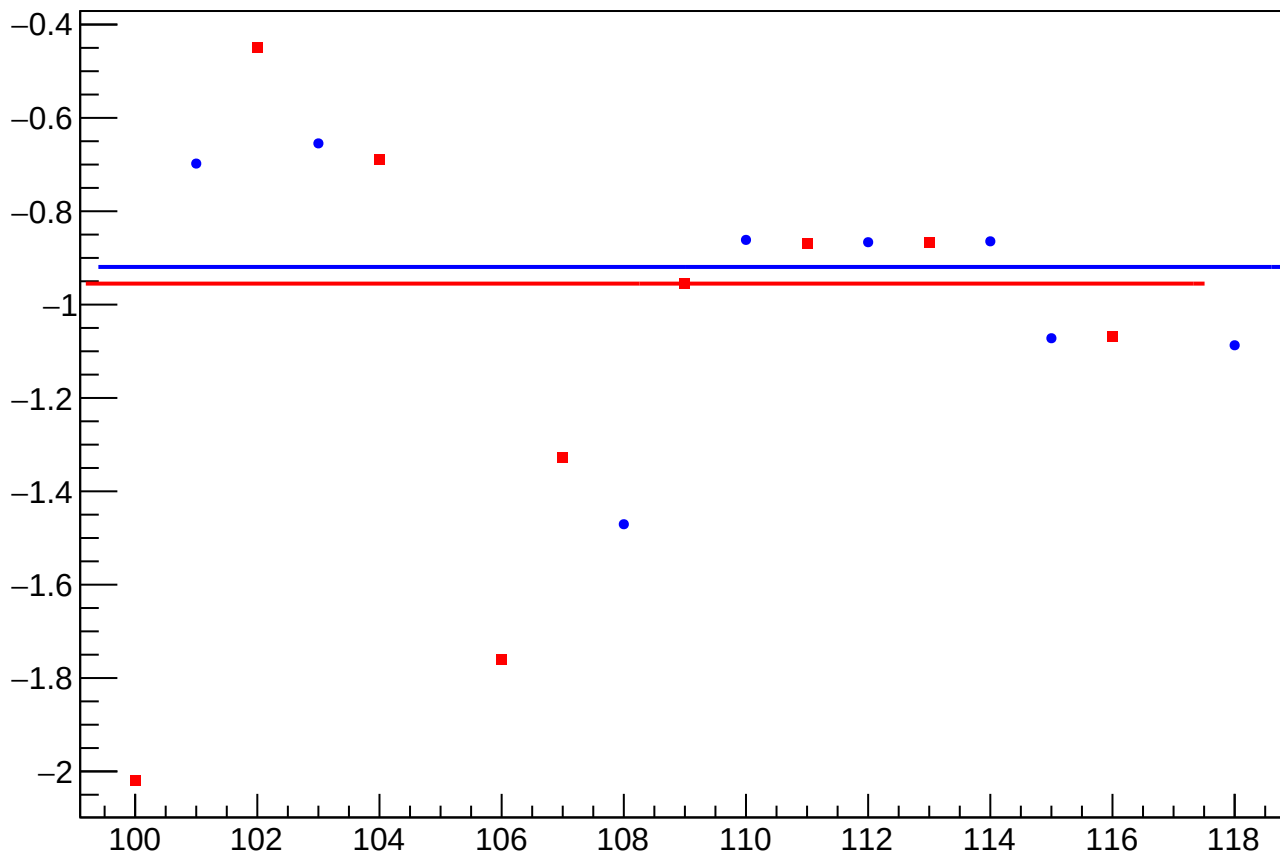
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1767109.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug



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: -0.955+/-0.000 χ^2/NDF : 226759991.9/8

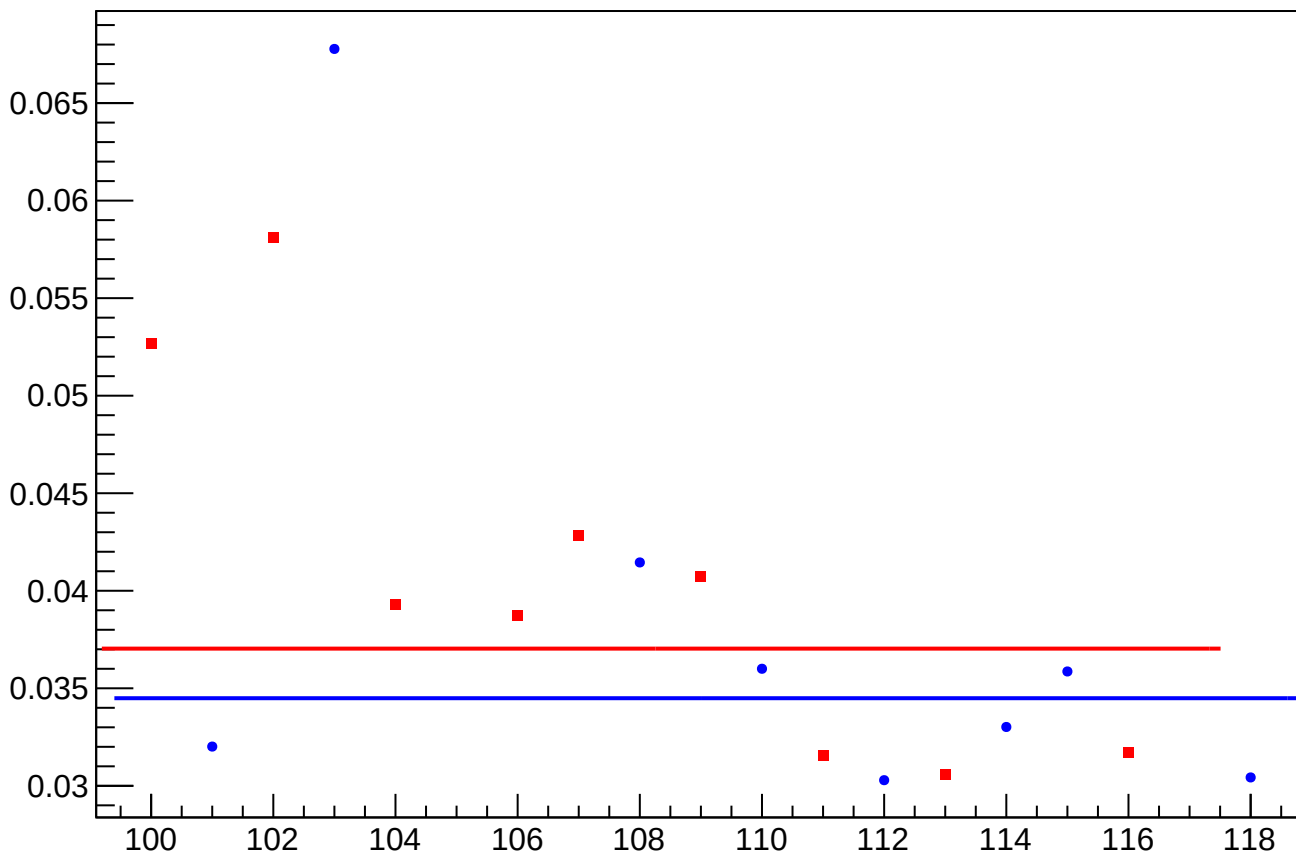
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.936+/-0.000 χ^2/NDF : 341235528.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



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: 0.037+/-0.000 χ^2/NDF : 250003.9/8

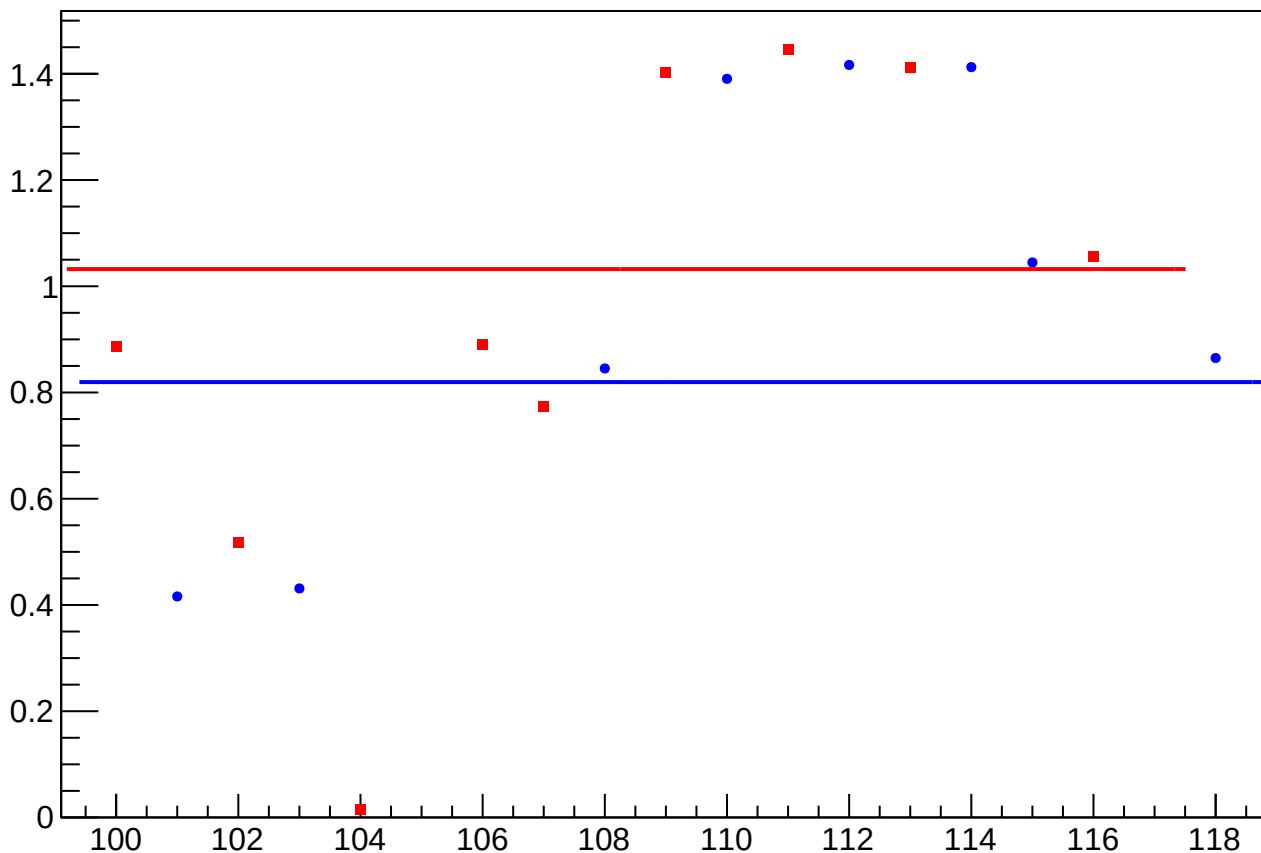
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 593609.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug



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: 1.032+/-0.000 χ^2/NDF : 6754963375.1/8

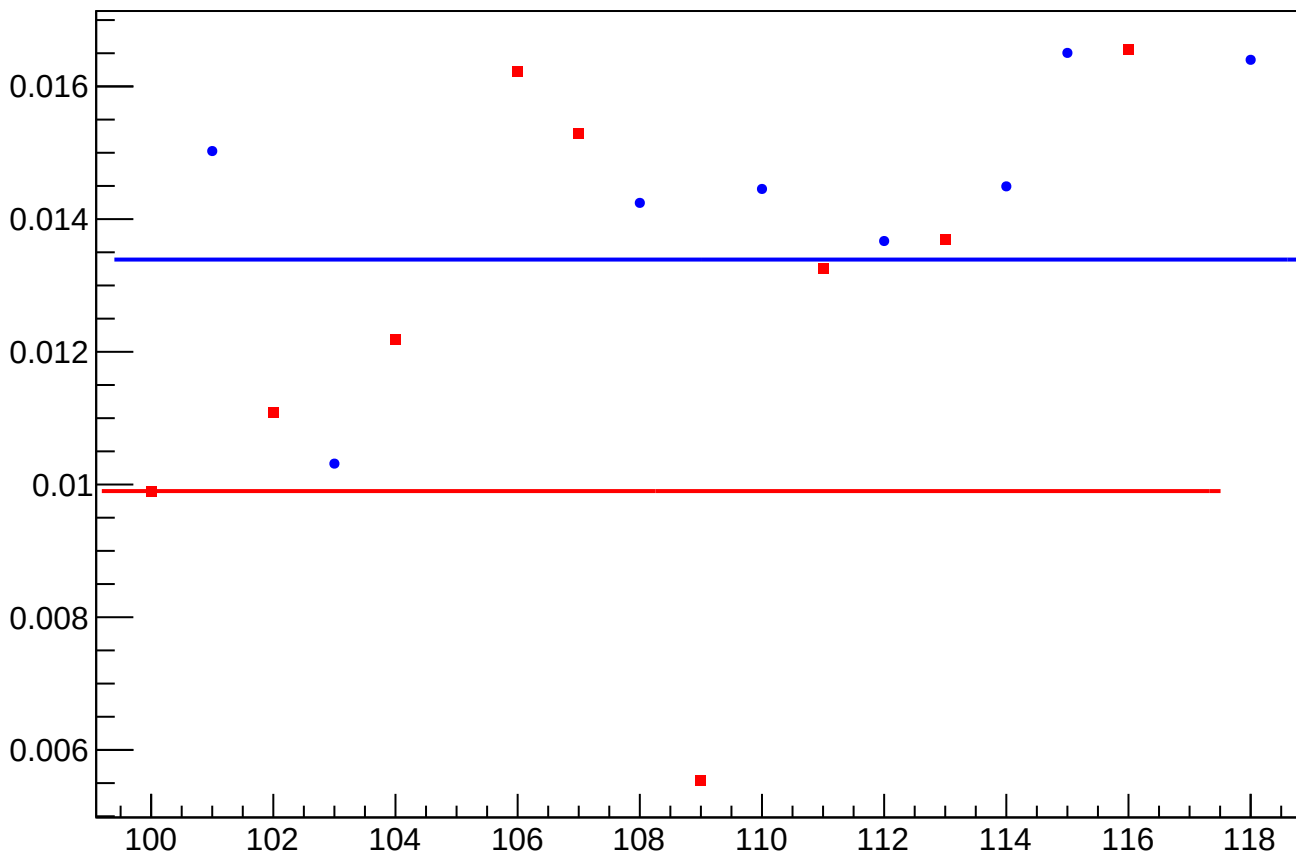
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.952+/-0.000 χ^2/NDF : 10093199001.4/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 164400.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 786792.7/8

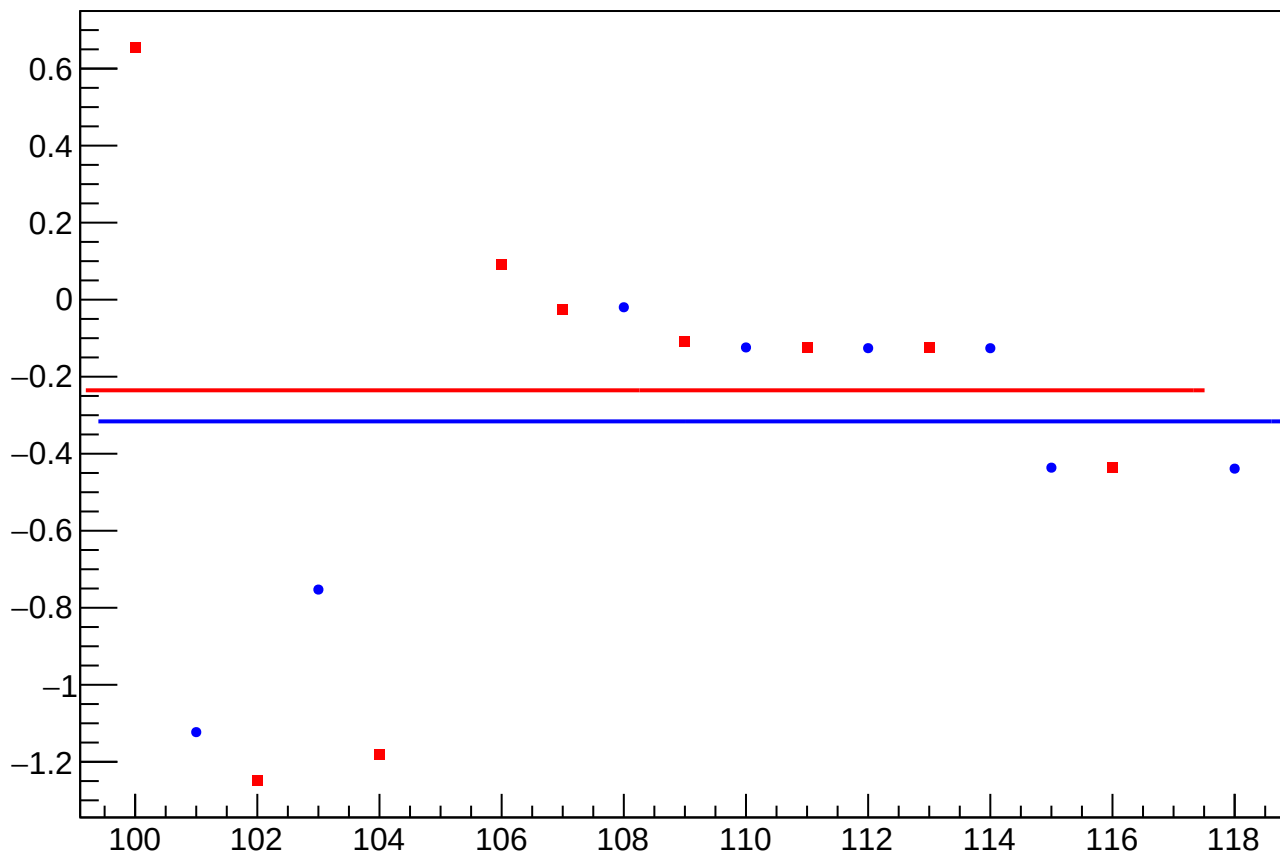
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 1197752.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm16X_mean vs Slug



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: -0.235+/-0.000 χ^2/NDF : 575670077.9/8

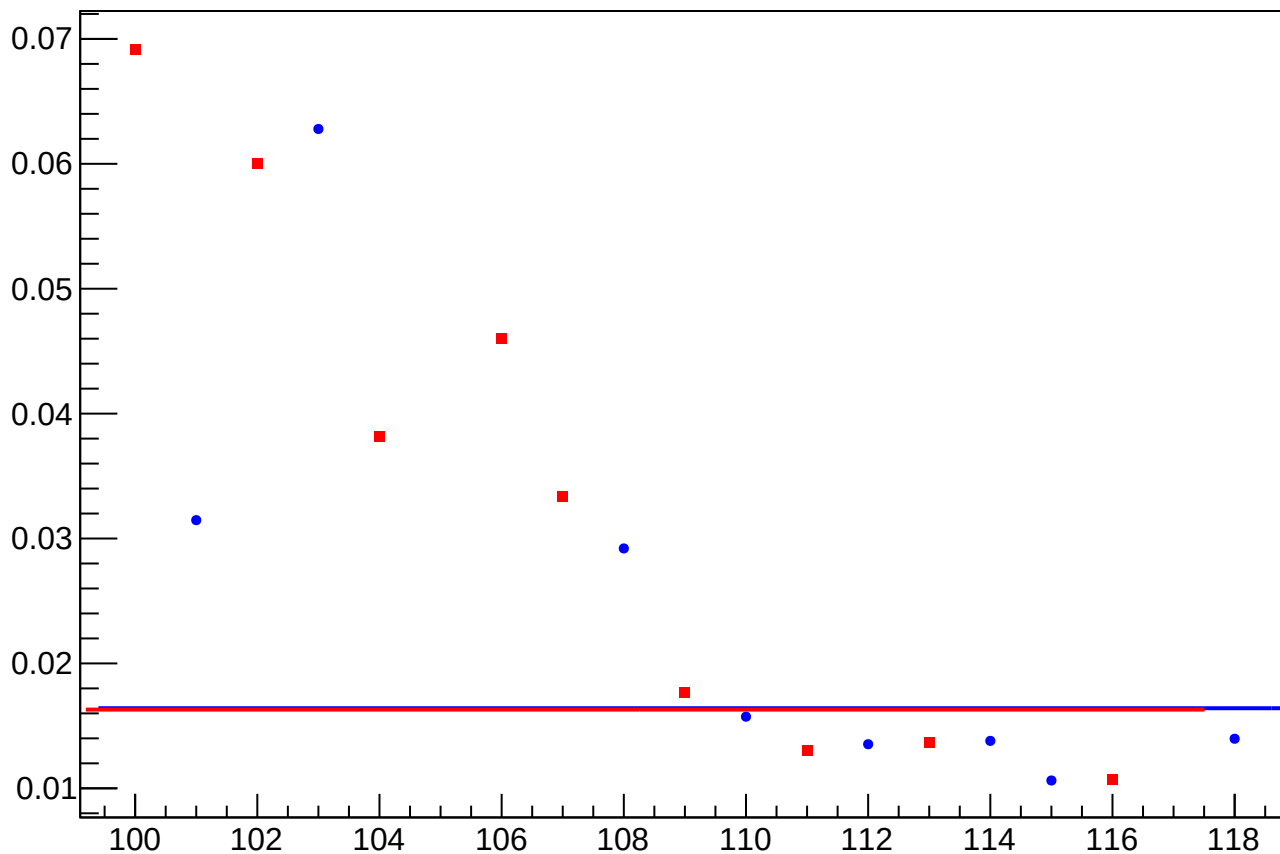
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.276+/-0.000 χ^2/NDF : 1212741602.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



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 : 1426676.3/8

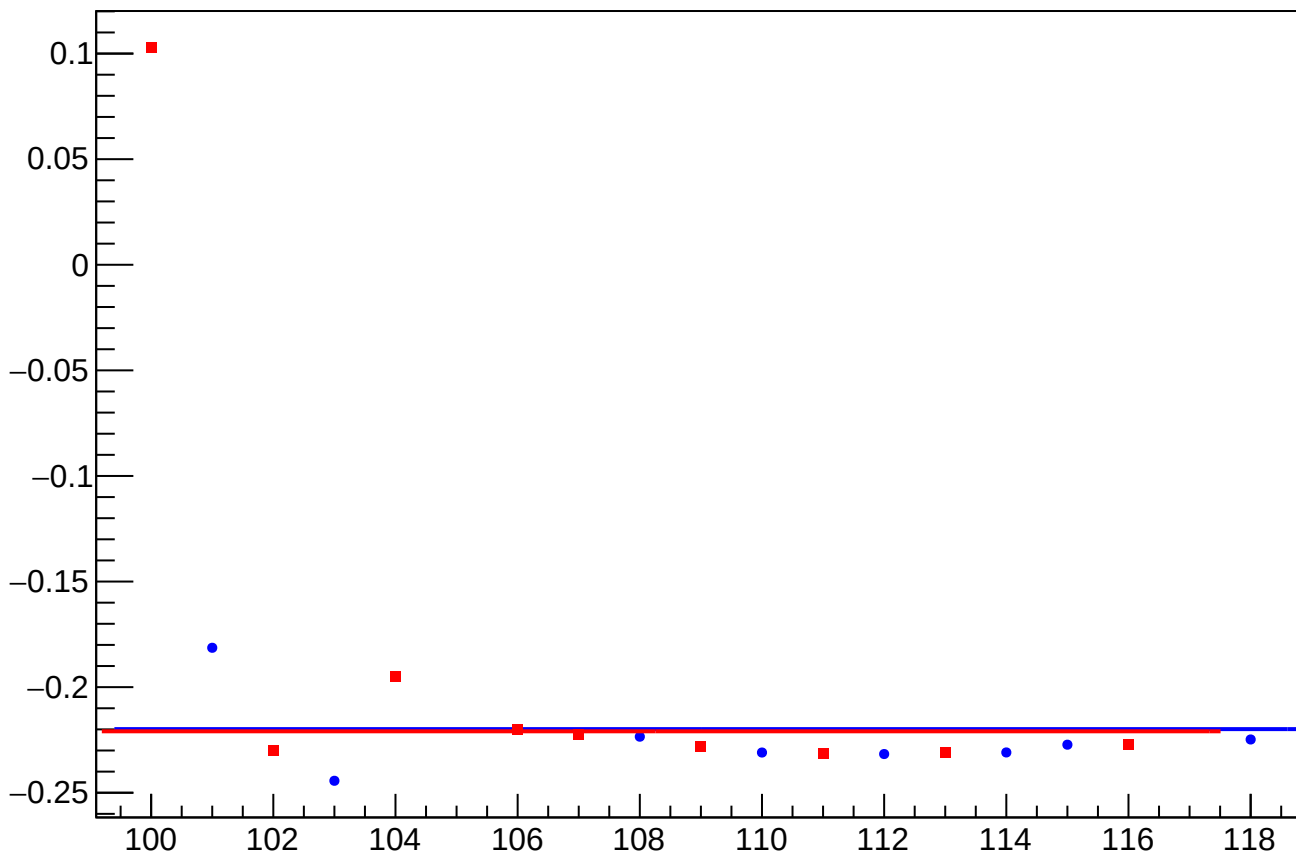
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2518302.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug



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: -0.221+/-0.000 χ^2/NDF : 156067855.3/8

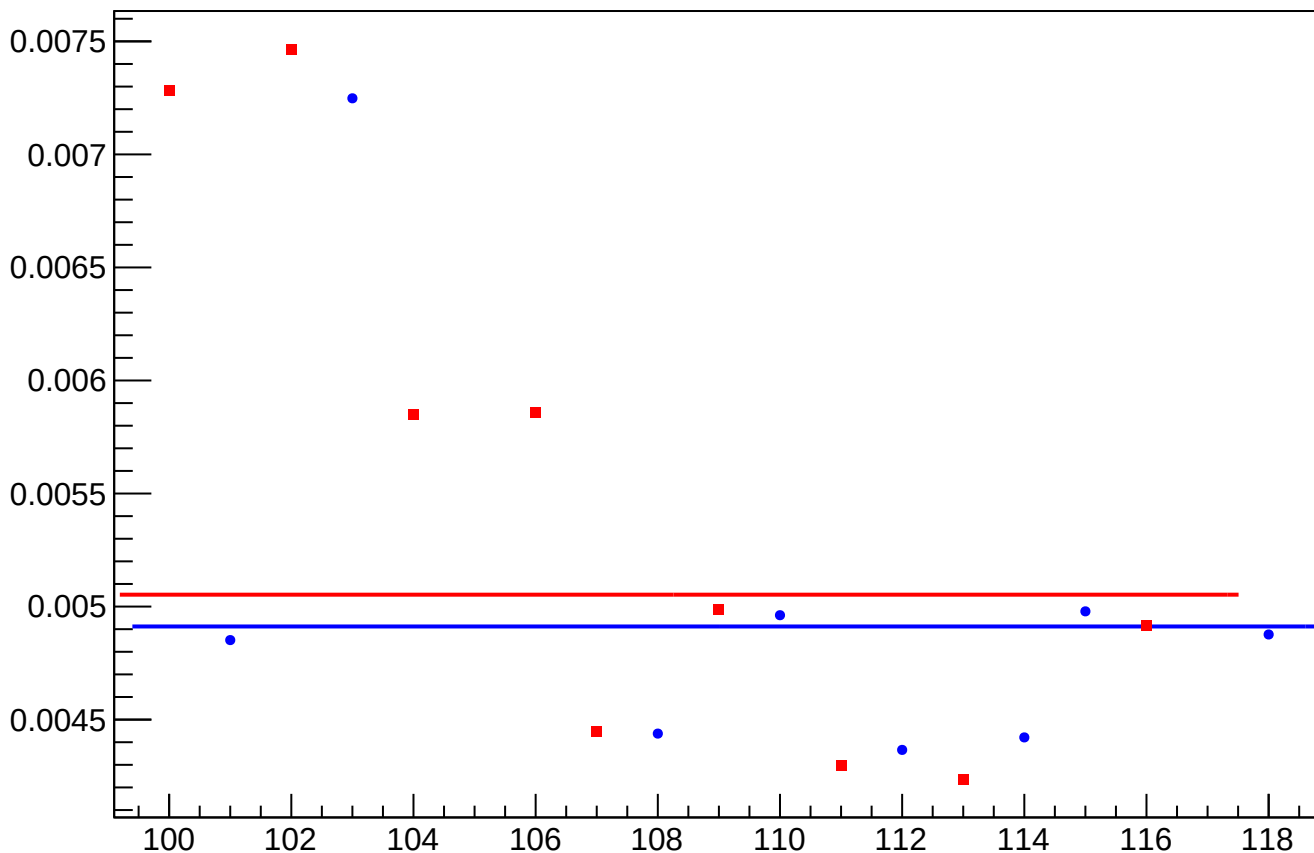
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.220+/-0.000 χ^2/NDF : 205593820.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_rms vs Slug



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 : 232027.1/8

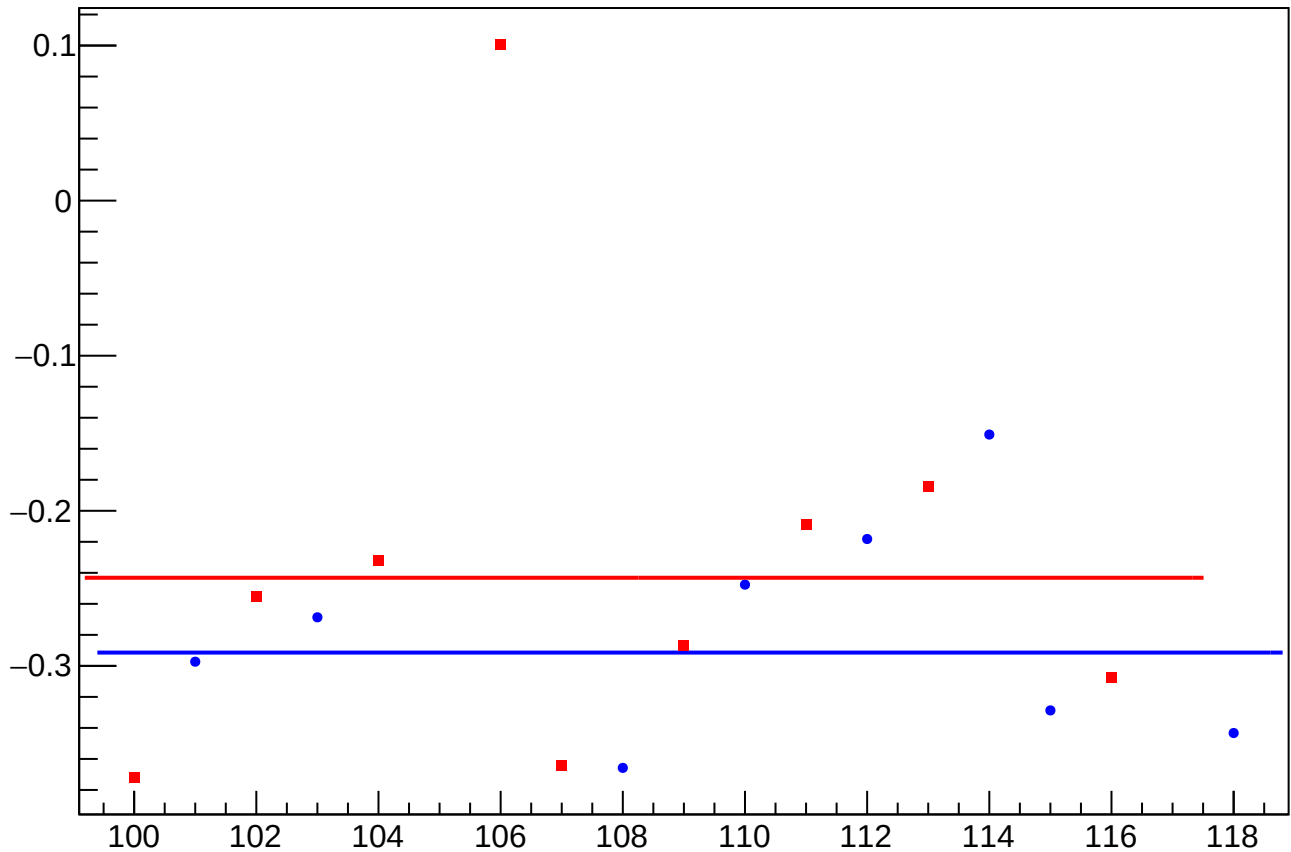
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 375815.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



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: -0.243+/-0.000 χ^2/NDF : 586023531.7/8

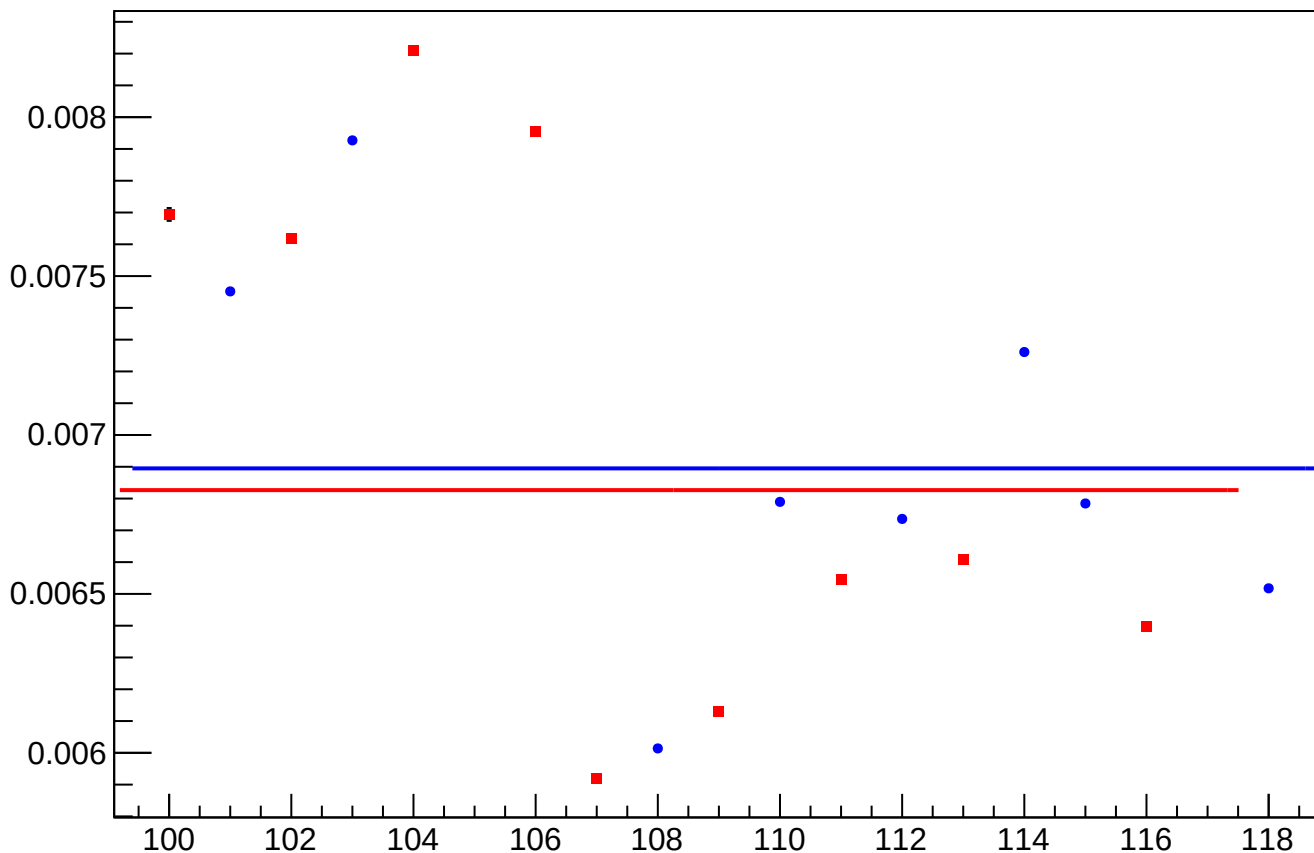
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.267+/-0.000 χ^2/NDF : 884857450.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_rms vs Slug



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 : 82092.4/8

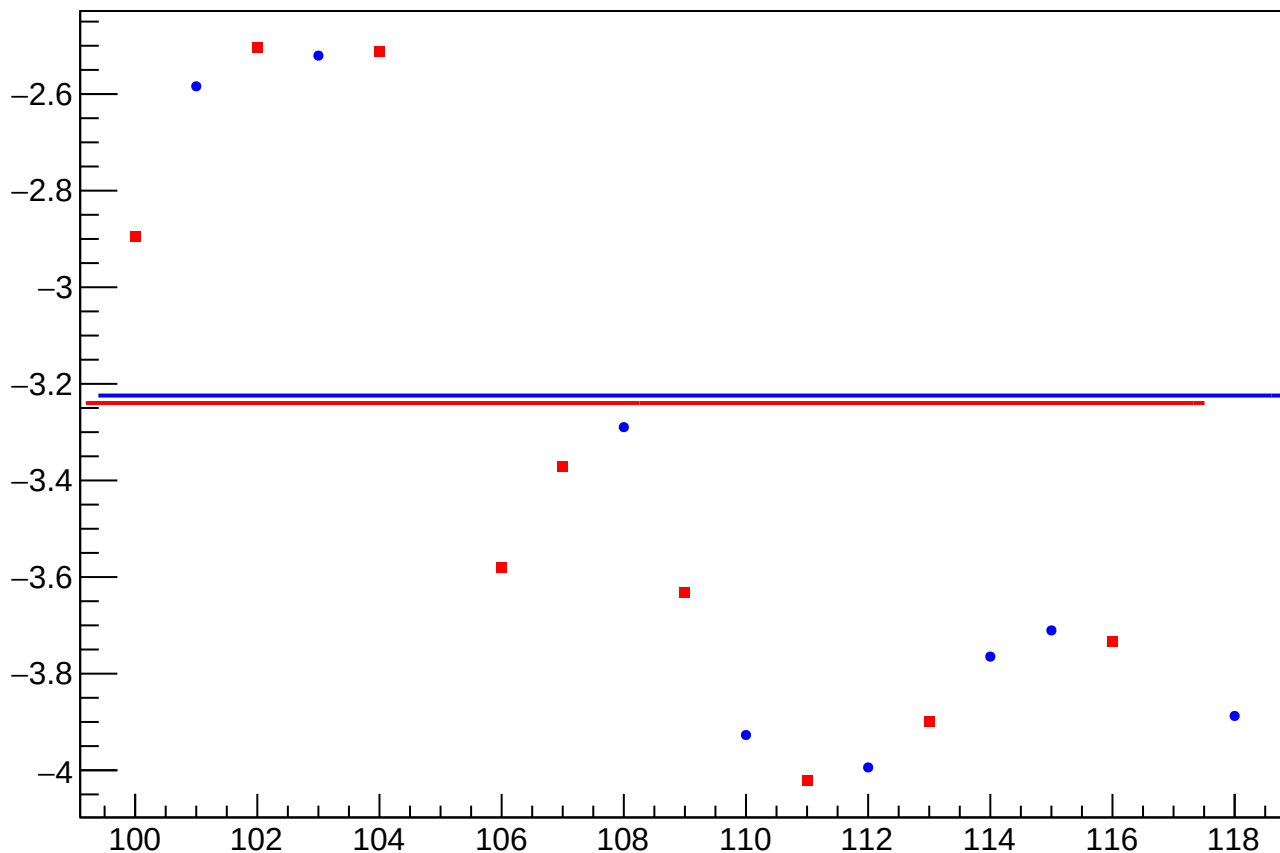
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 131597.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



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: -3.240+/-0.000 χ^2/NDF : 21048478266.0/8

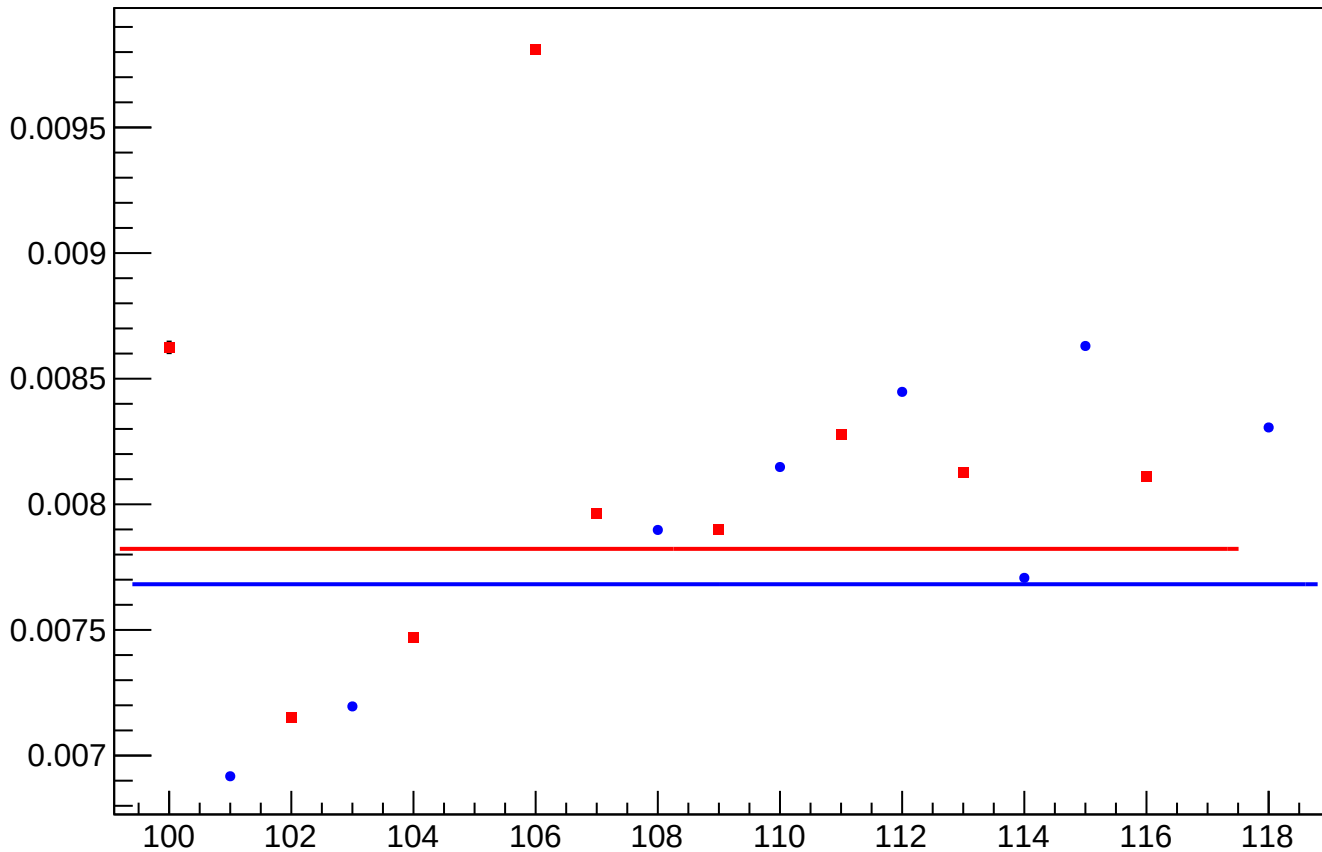
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.232+/-0.000 χ^2/NDF : 43167116024.8/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug



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 : 32517.4/8

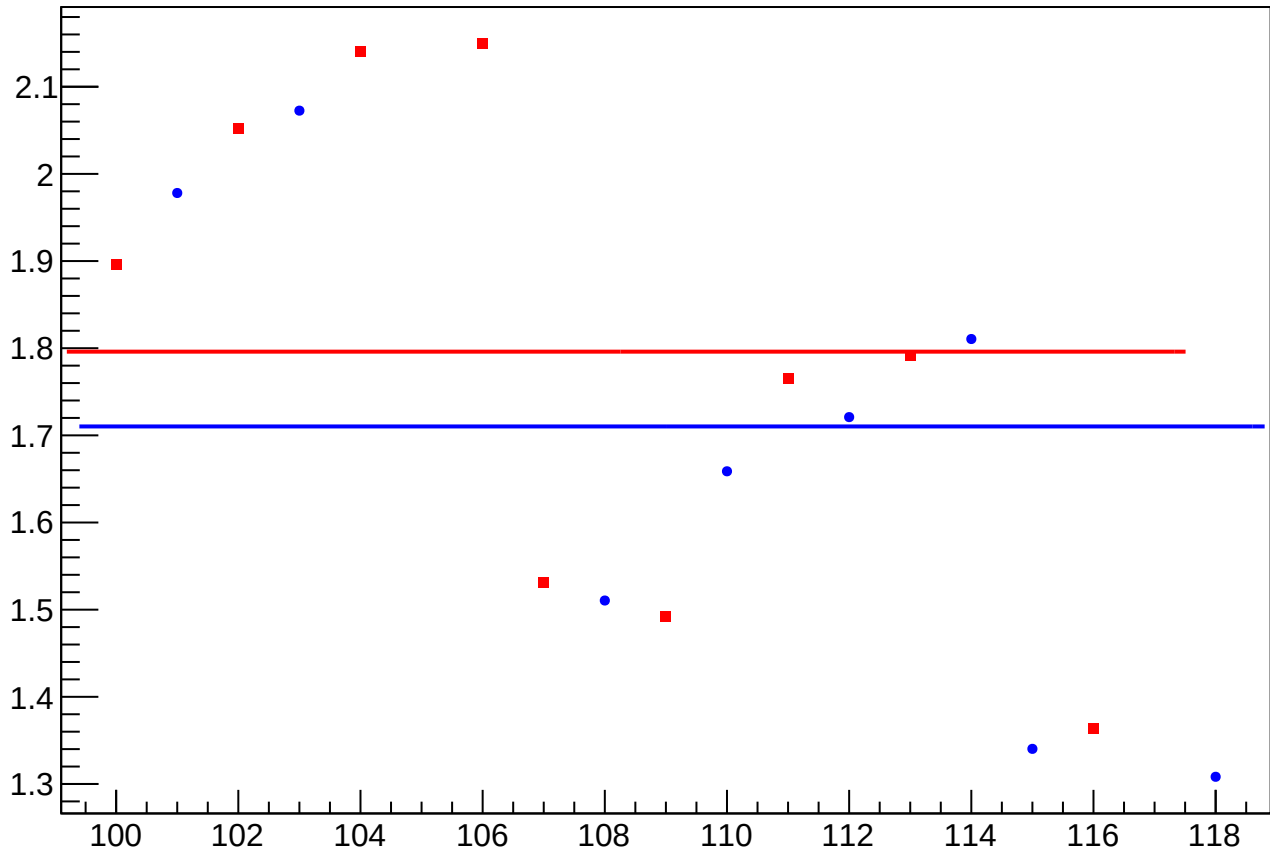
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 74638.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.710 $\pm$ 0.000 χ^2 /NDF: 1483770748.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.796 $\pm$ 0.000 χ^2 /NDF: 1453251703.4/8

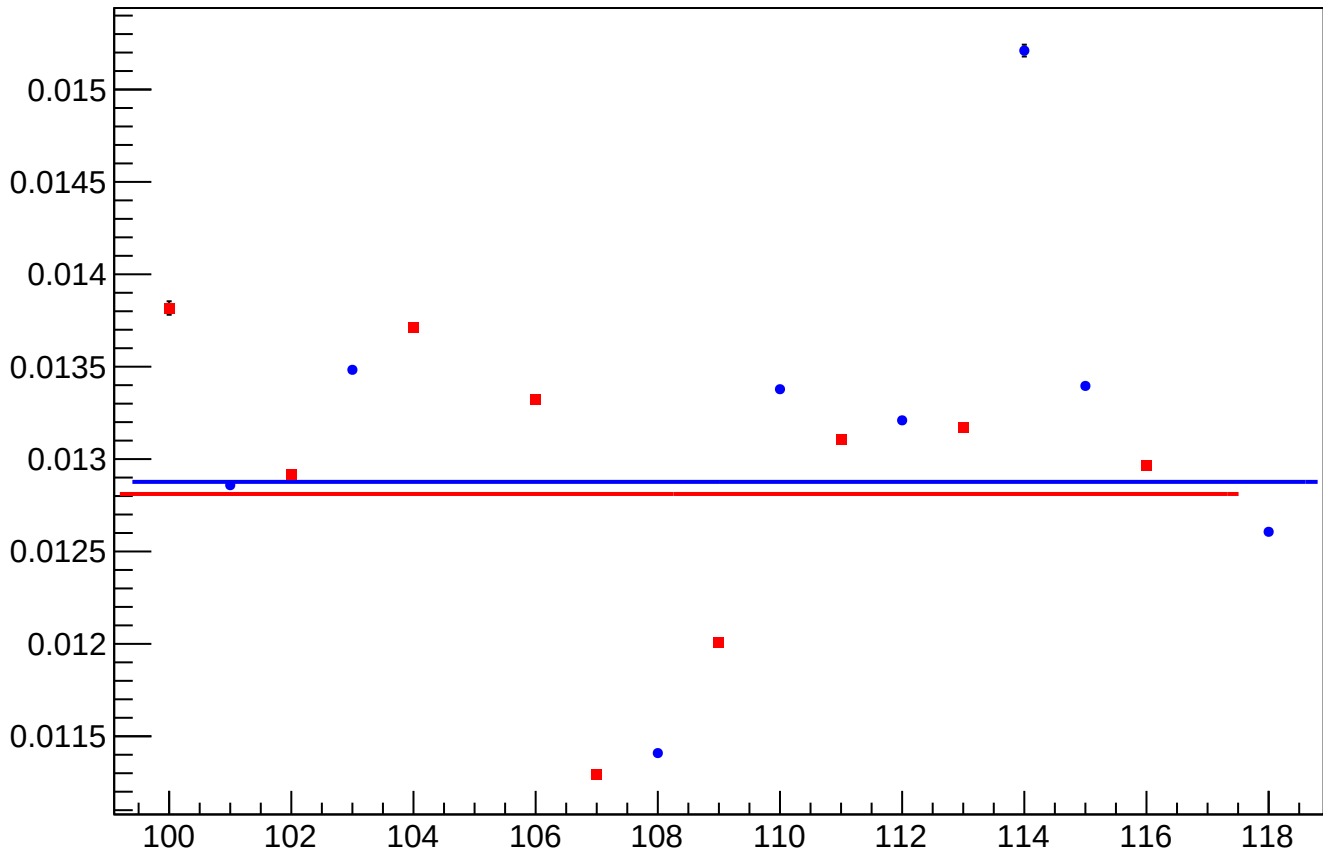
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.754 $\pm$ 0.000 χ^2 /NDF: 3009855222.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aX_rms vs Slug



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 : 20274.9/8

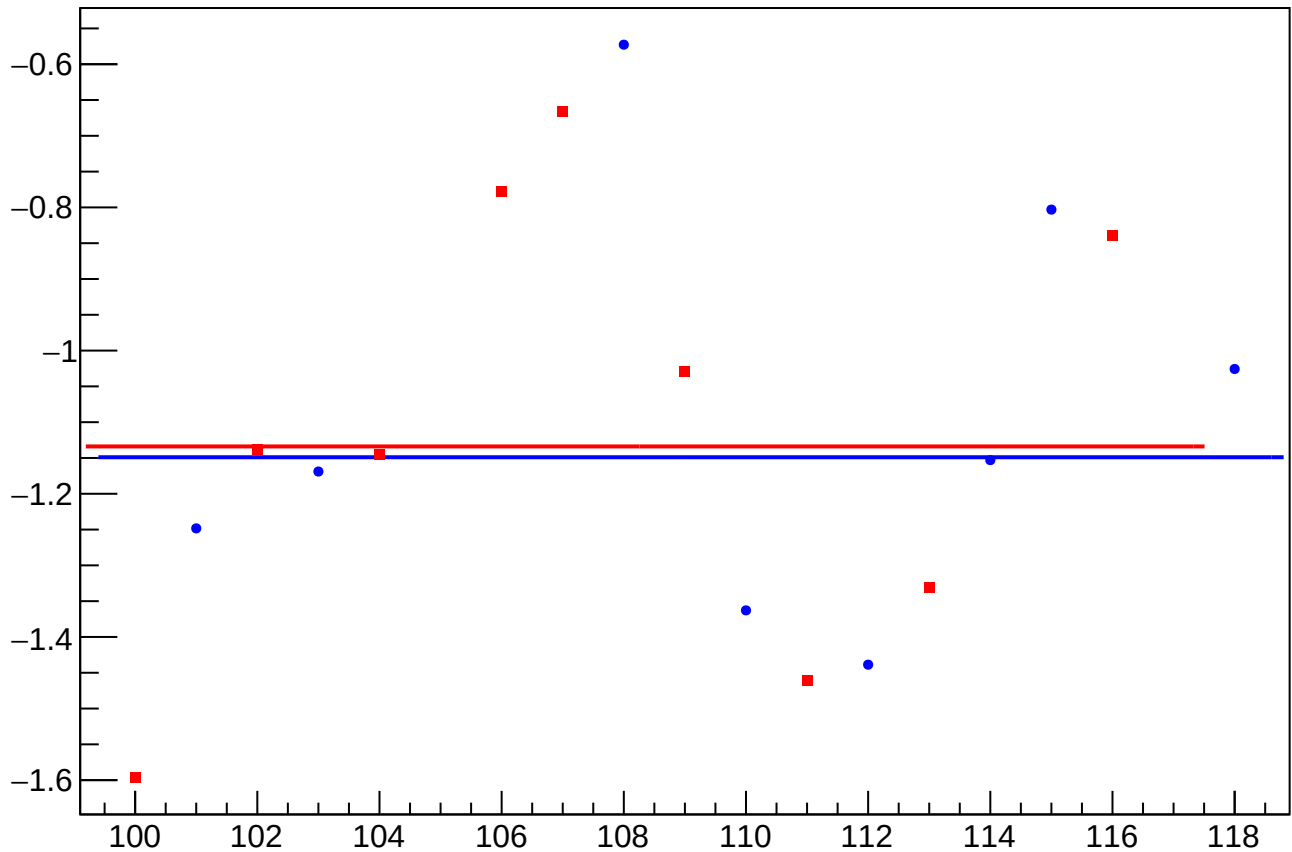
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 43570.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



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: -1.134+/-0.000 χ^2/NDF : 1834611042.7/8

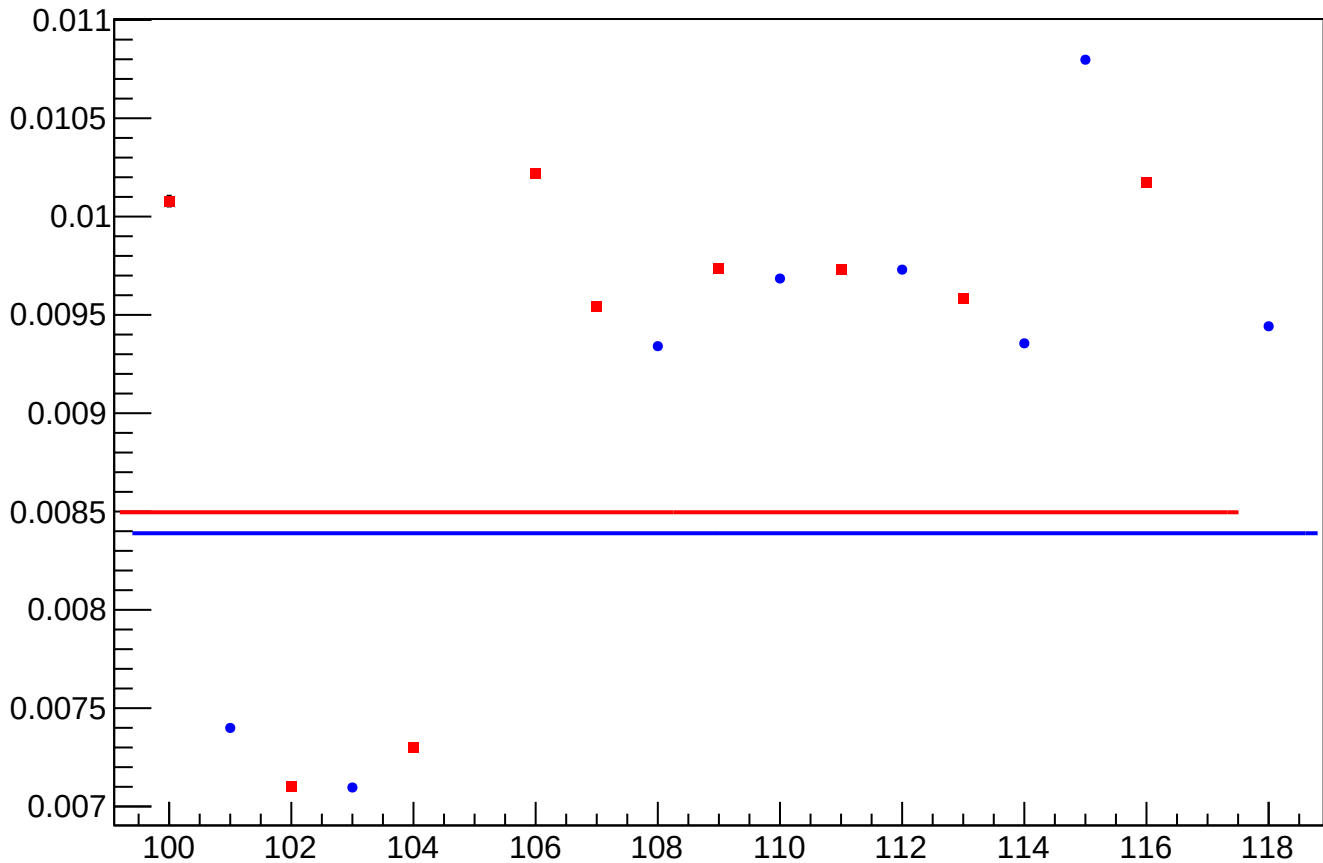
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.141+/-0.000 χ^2/NDF : 4211545840.9/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_rms vs Slug



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: 0.008+/-0.000 χ^2/NDF : 147644.6/8

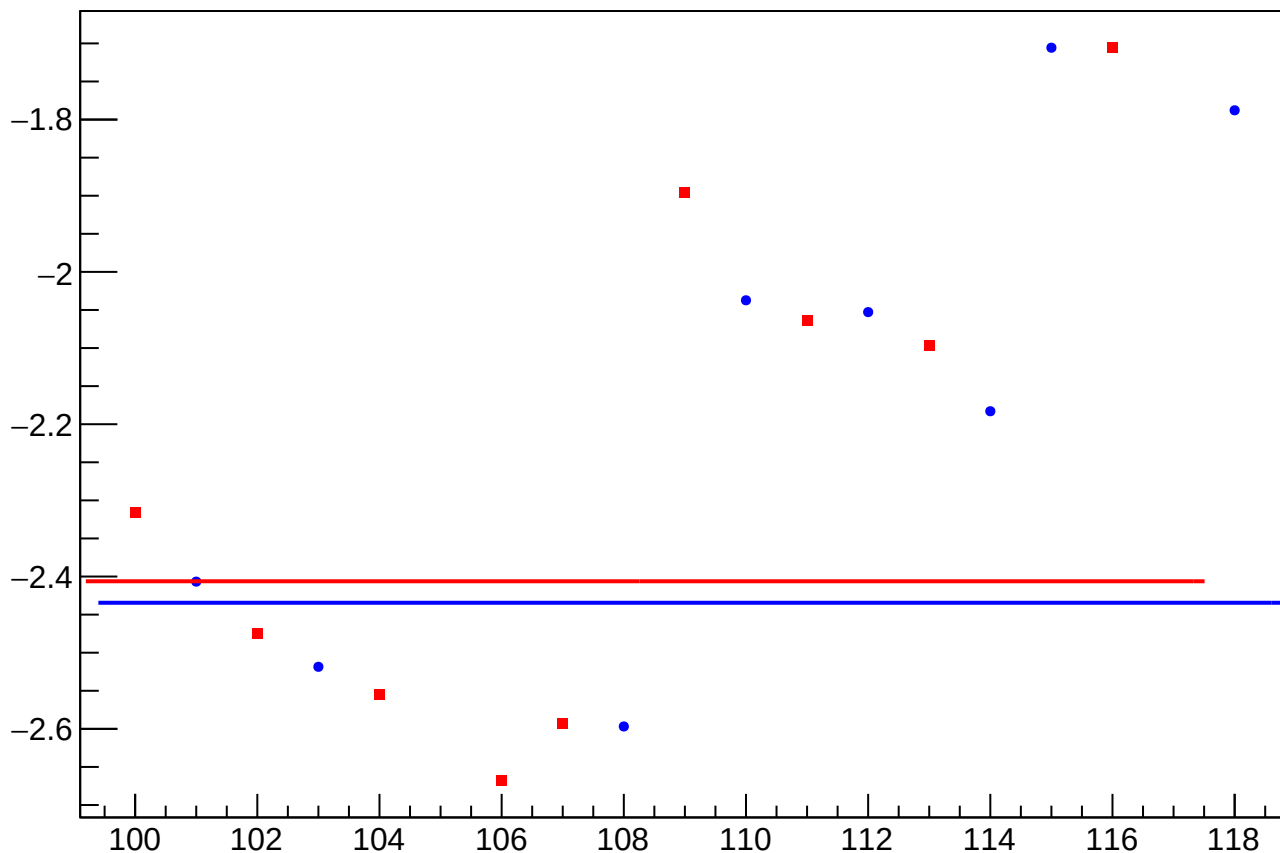
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 276202.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



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: -2.406+/-0.000 χ^2/NDF : 3572962147.3/8

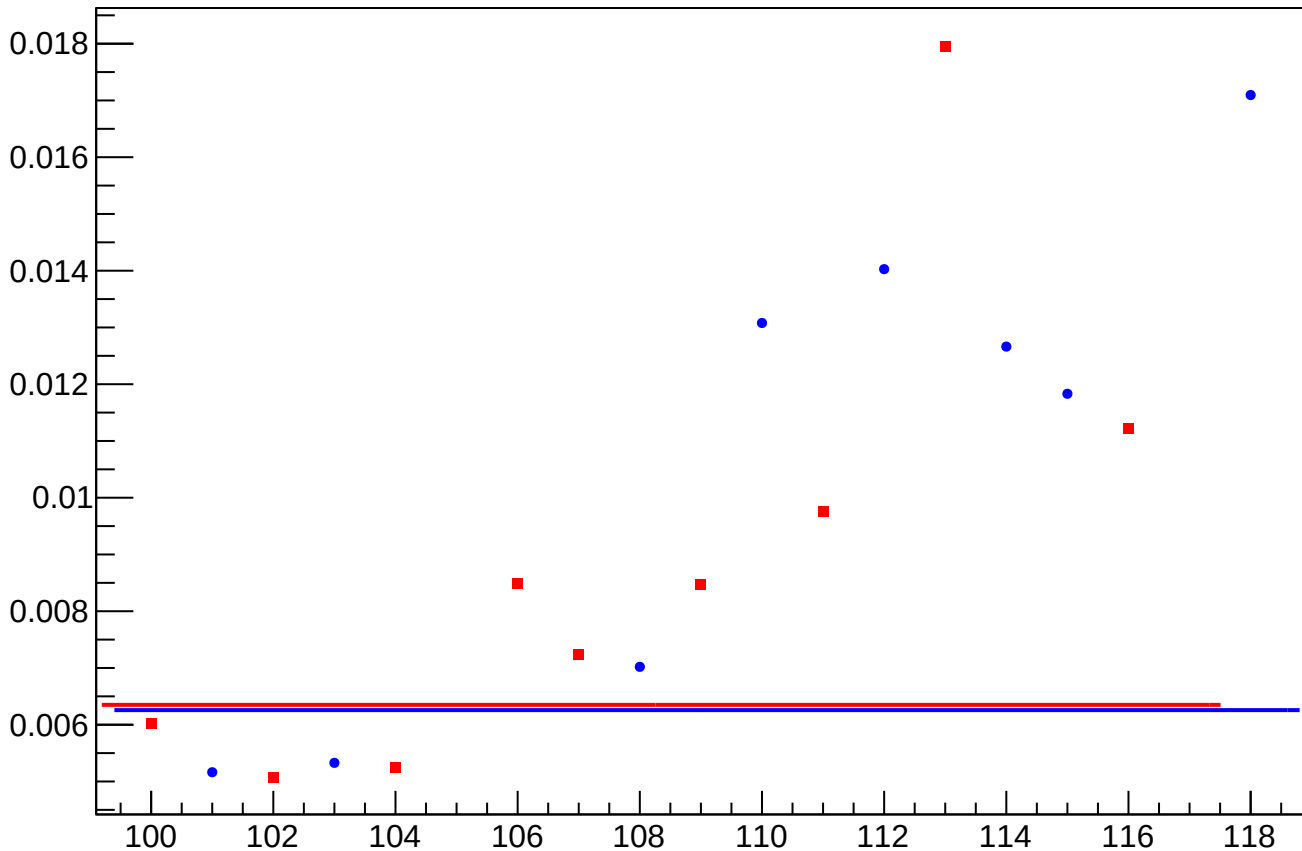
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.420+/-0.000 χ^2/NDF : 5124465541.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug



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: 0.006+/-0.000 χ^2/NDF : 598583.8/8

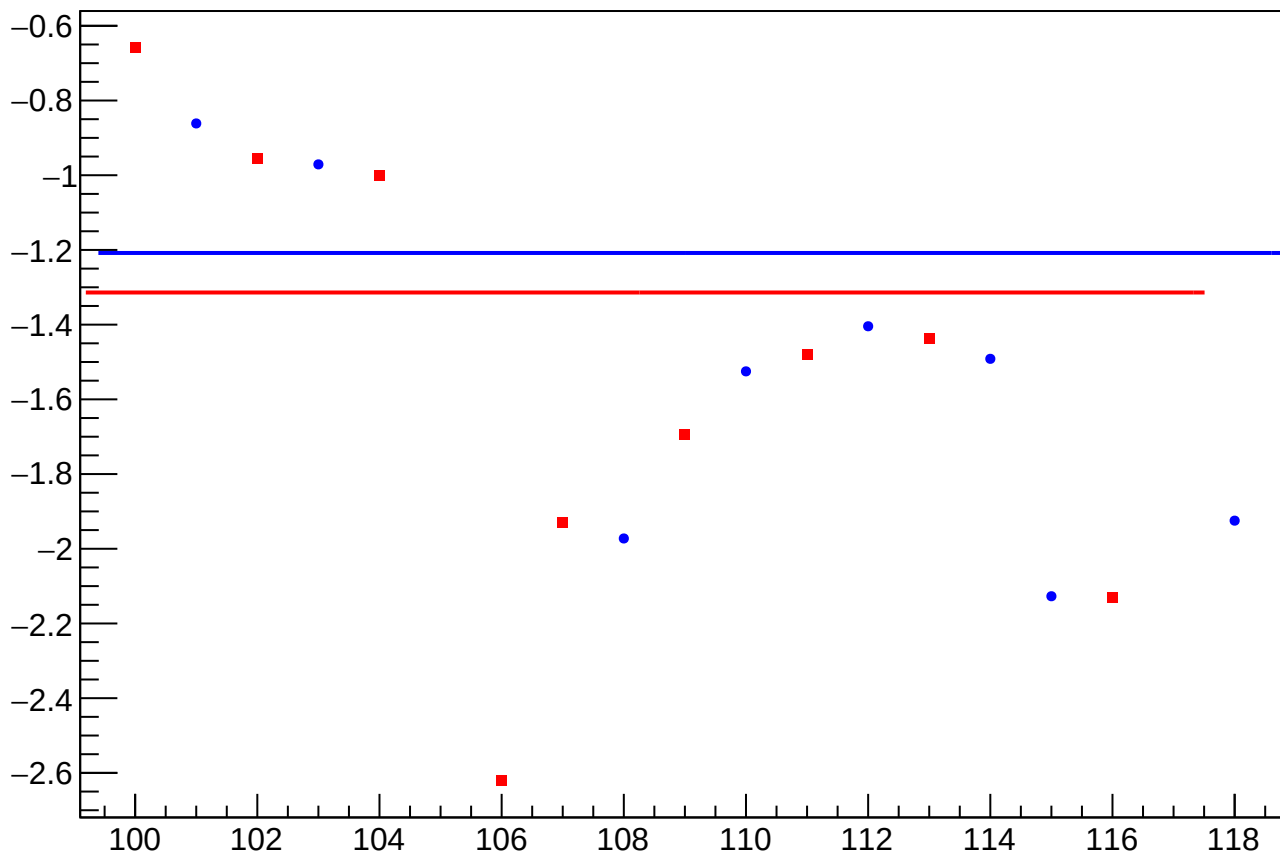
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1336594.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



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: -1.314+/-0.000 χ^2/NDF : 18700785774.2/8

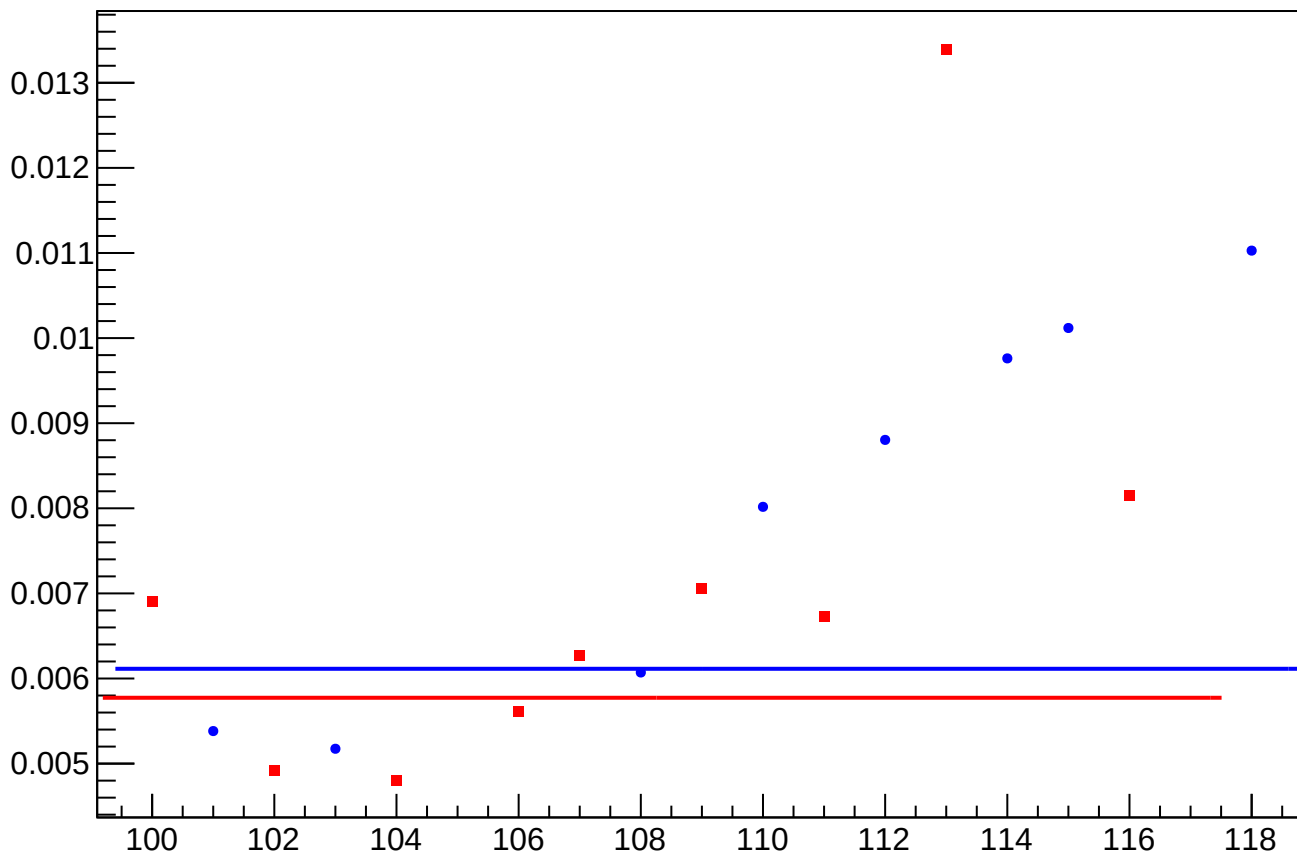
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.266+/-0.000 χ^2/NDF : 31357386417.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug



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 : 327864.5/8

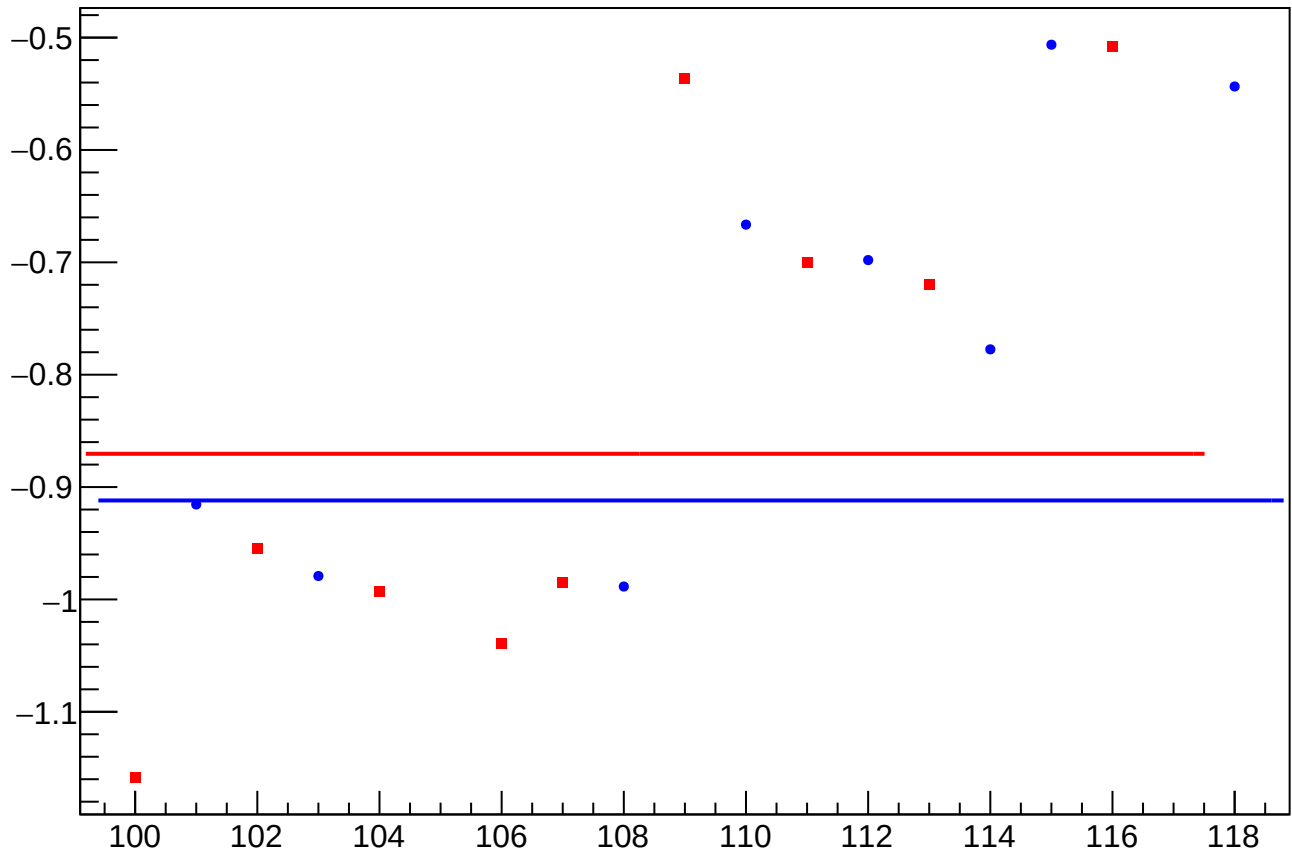
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 645555.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



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: -0.870+/-0.000 χ^2/NDF : 3768439853.9/8

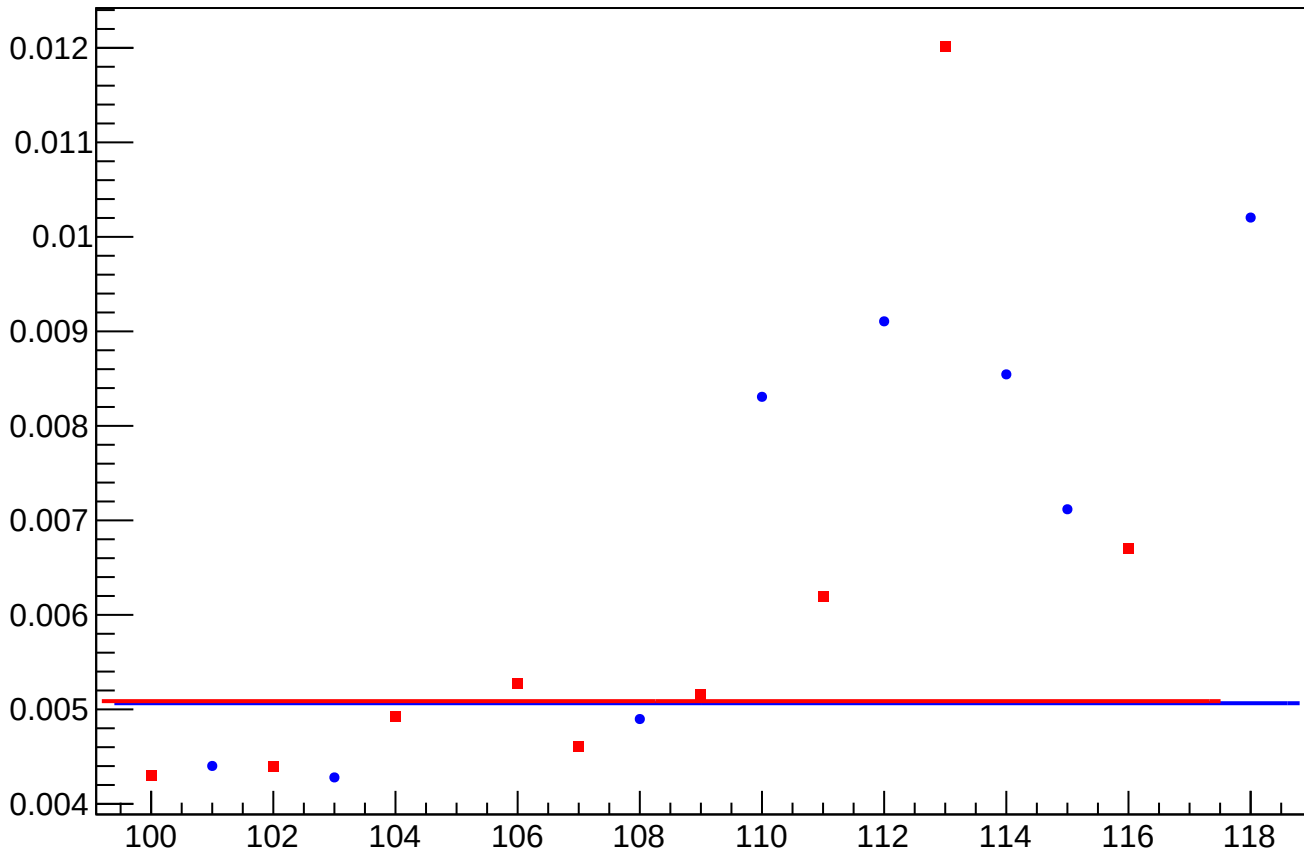
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.890+/-0.000 χ^2/NDF : 5109801670.1/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug



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 : 285202.5/8

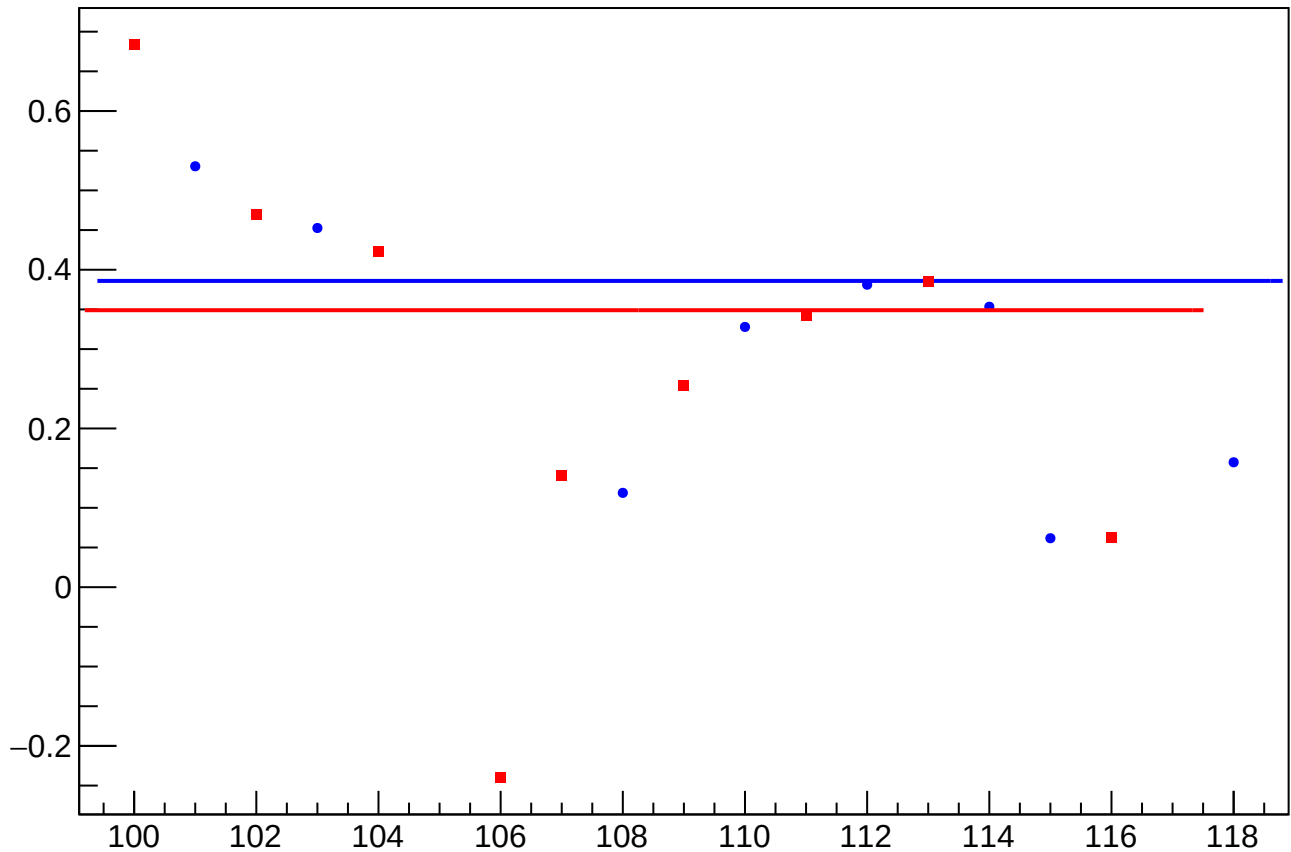
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 747545.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.386 $\pm$ 0.000 χ^2 /NDF: 3626379880.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.349 $\pm$ 0.000 χ^2 /NDF: 5256572646.0/8

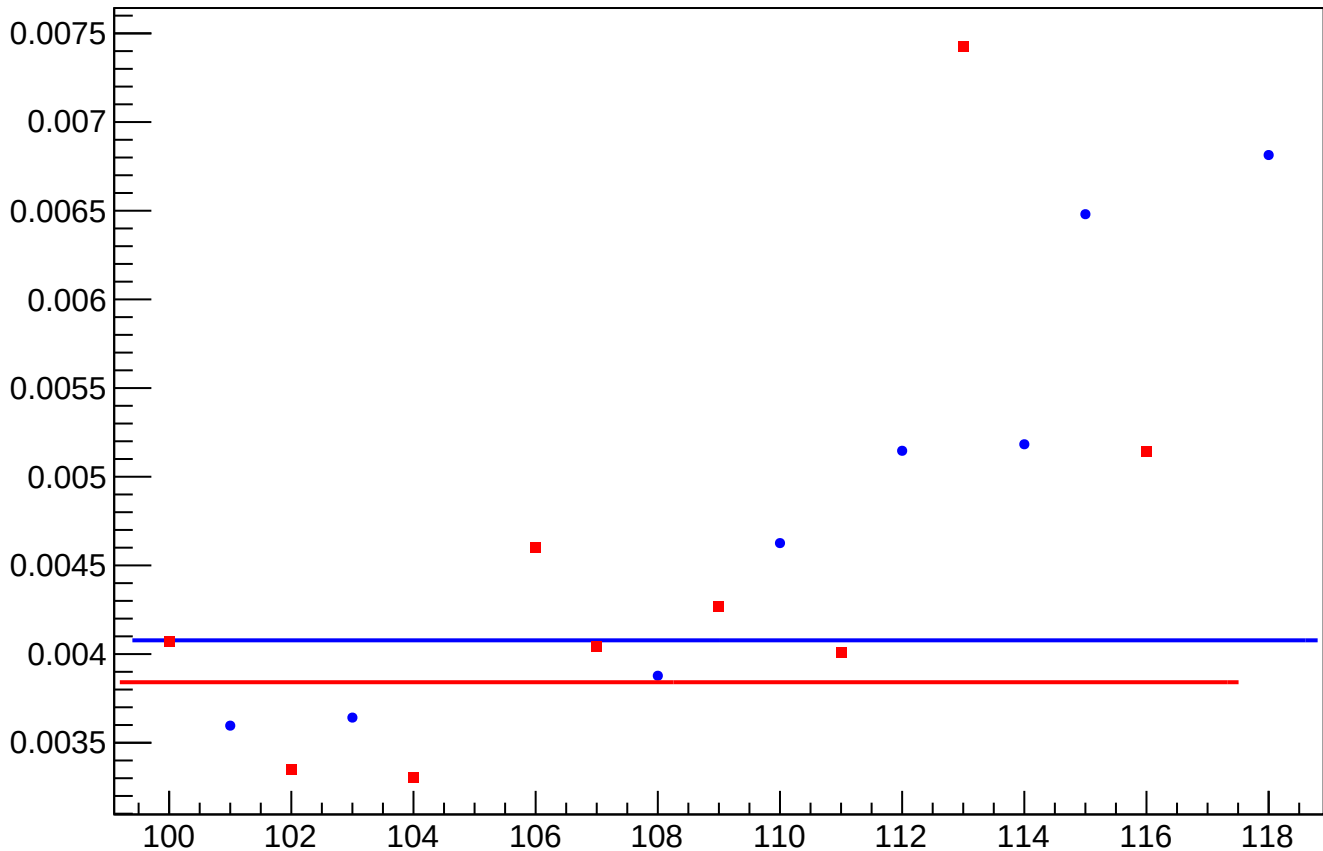
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.366 $\pm$ 0.000 χ^2 /NDF: 8999409006.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07Y_rms vs Slug



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 : 223707.4/8

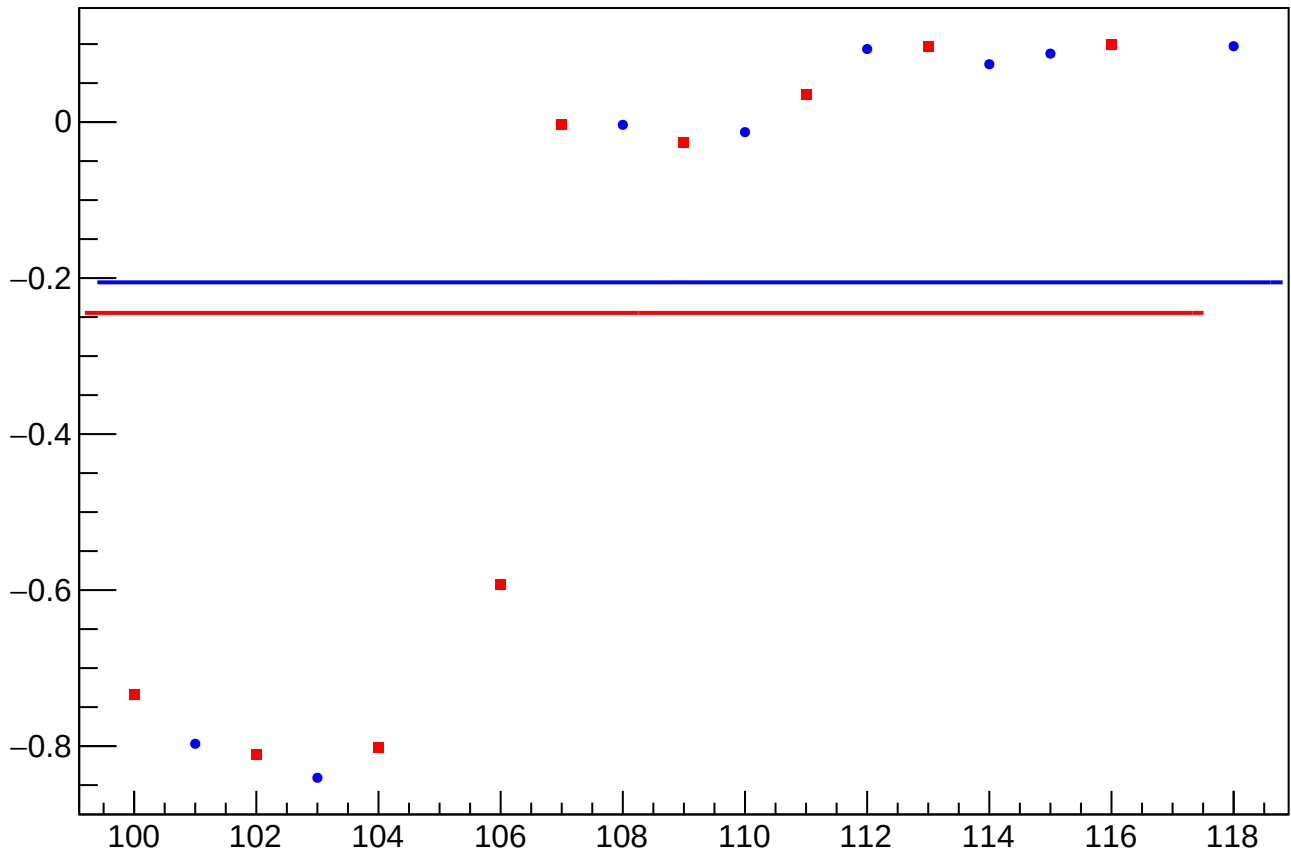
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 440910.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



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: -0.245+/-0.000 χ^2/NDF : 4785866044.2/8

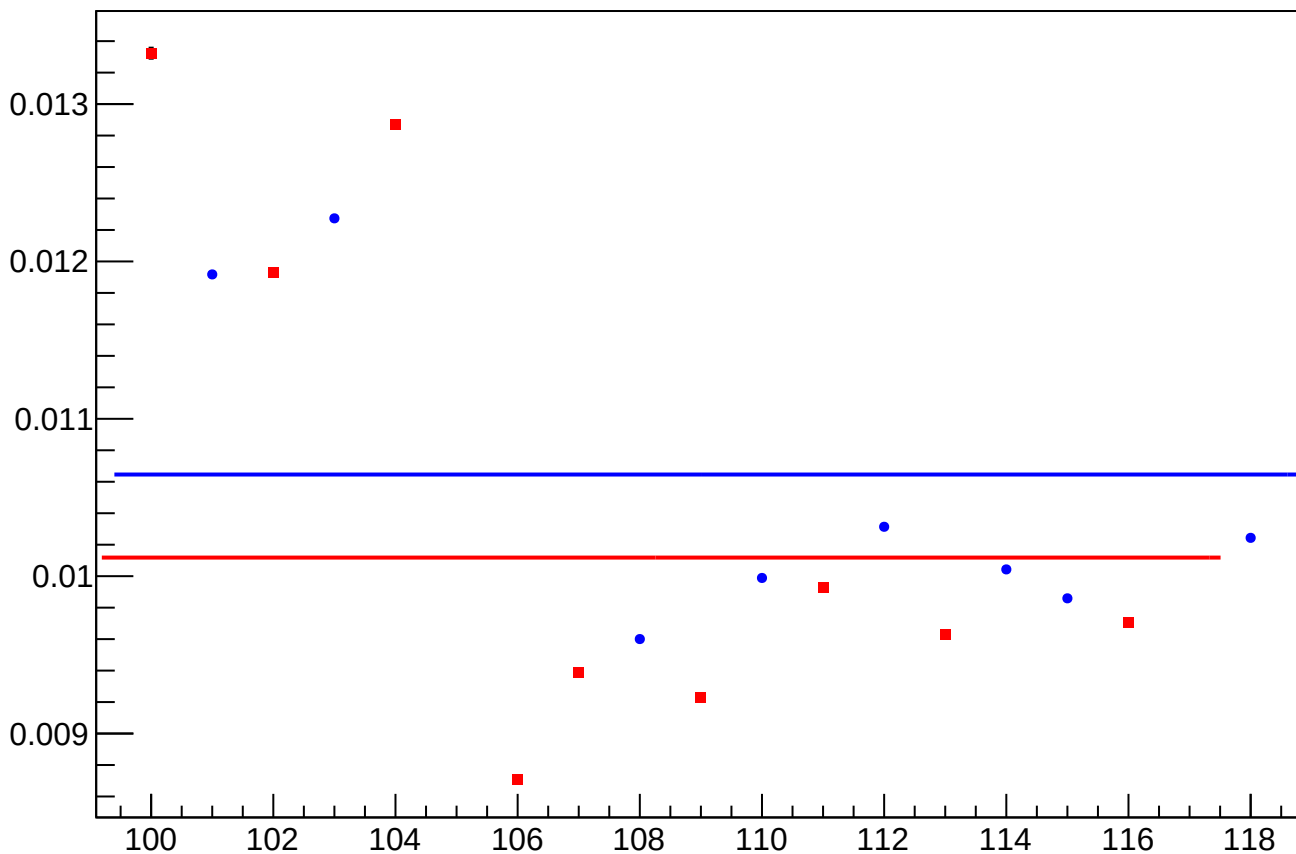
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.227+/-0.000 χ^2/NDF : 9445269749.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_rms vs Slug



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 : 119027.6/8

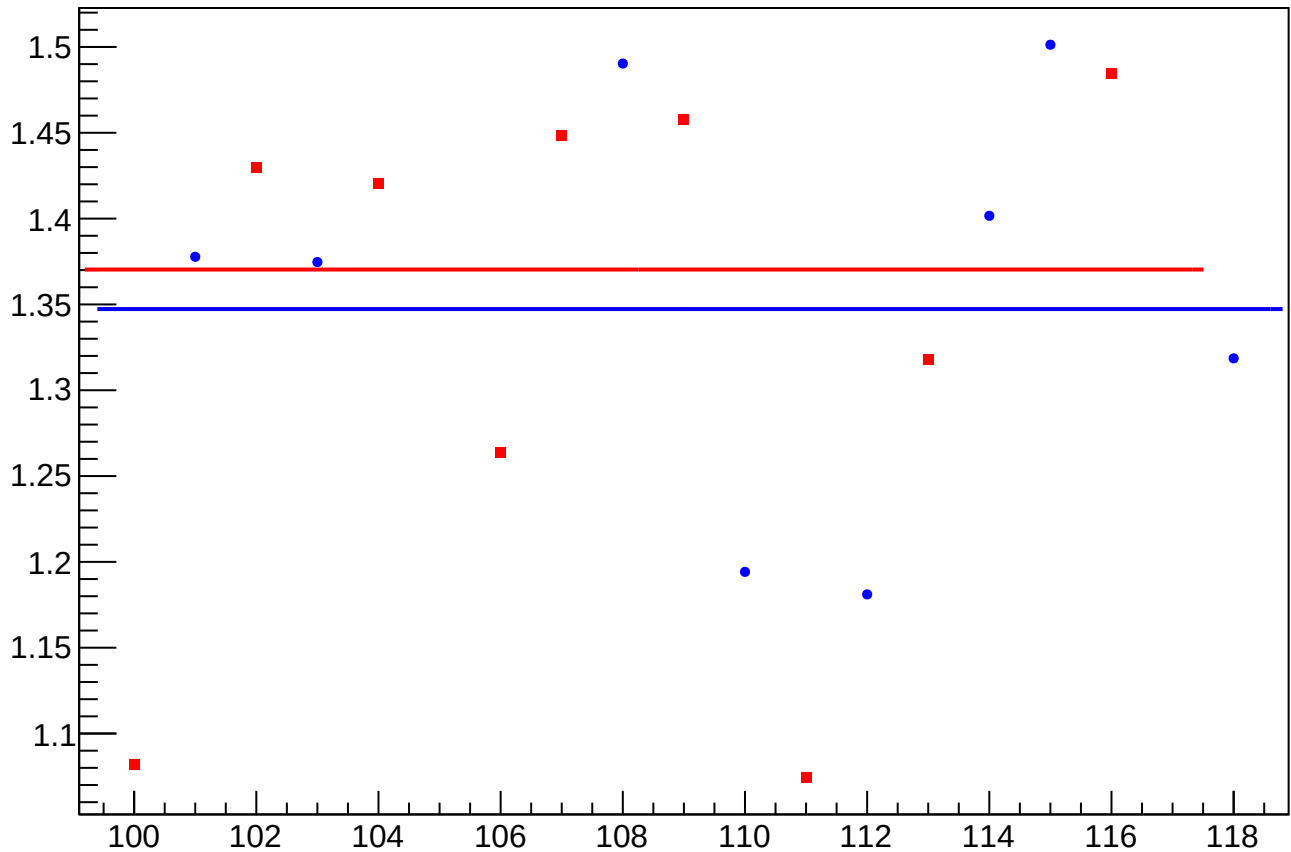
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 181679.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug



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: 1.370+/-0.000 χ^2/NDF : 1080331298.3/8

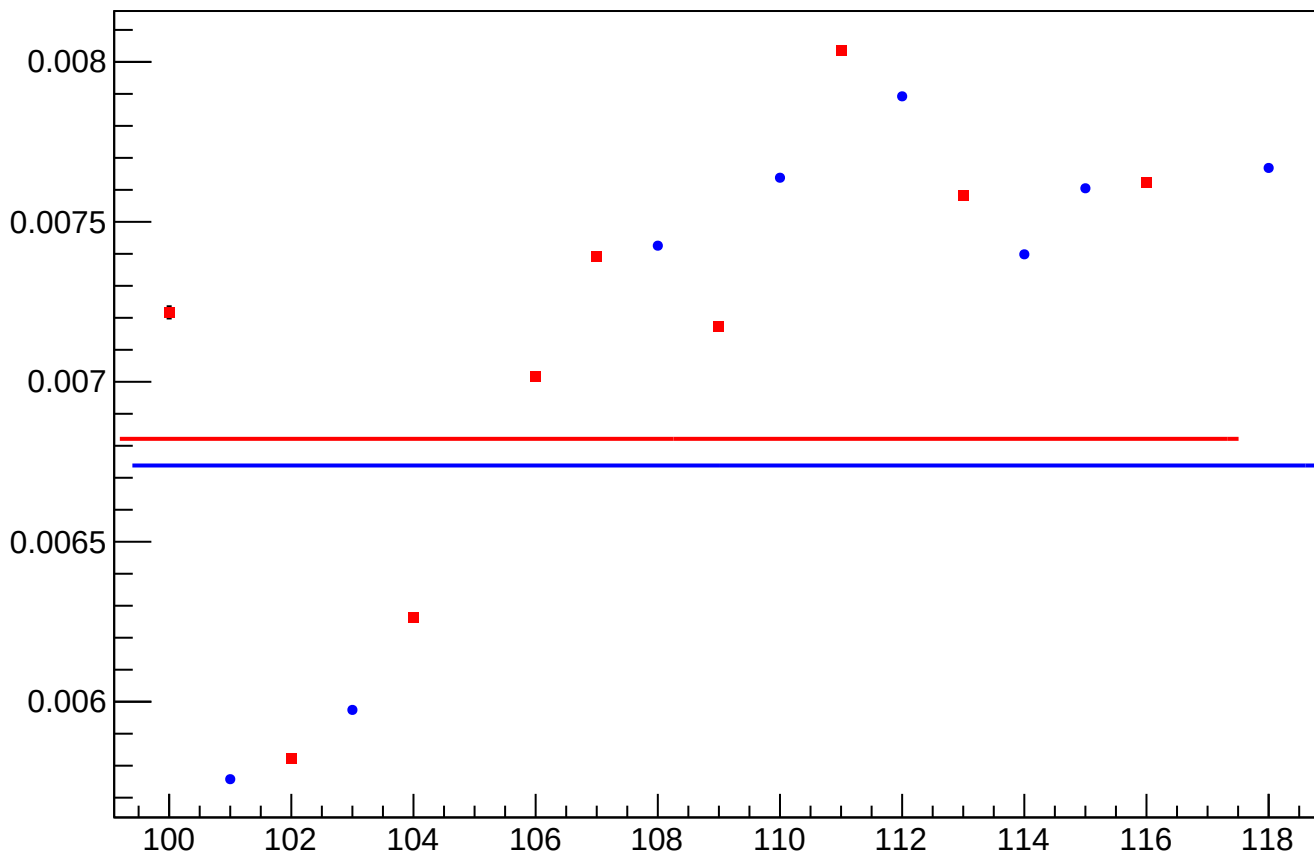
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.359+/-0.000 χ^2/NDF : 1719016042.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_rms vs Slug



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 : 87910.8/8

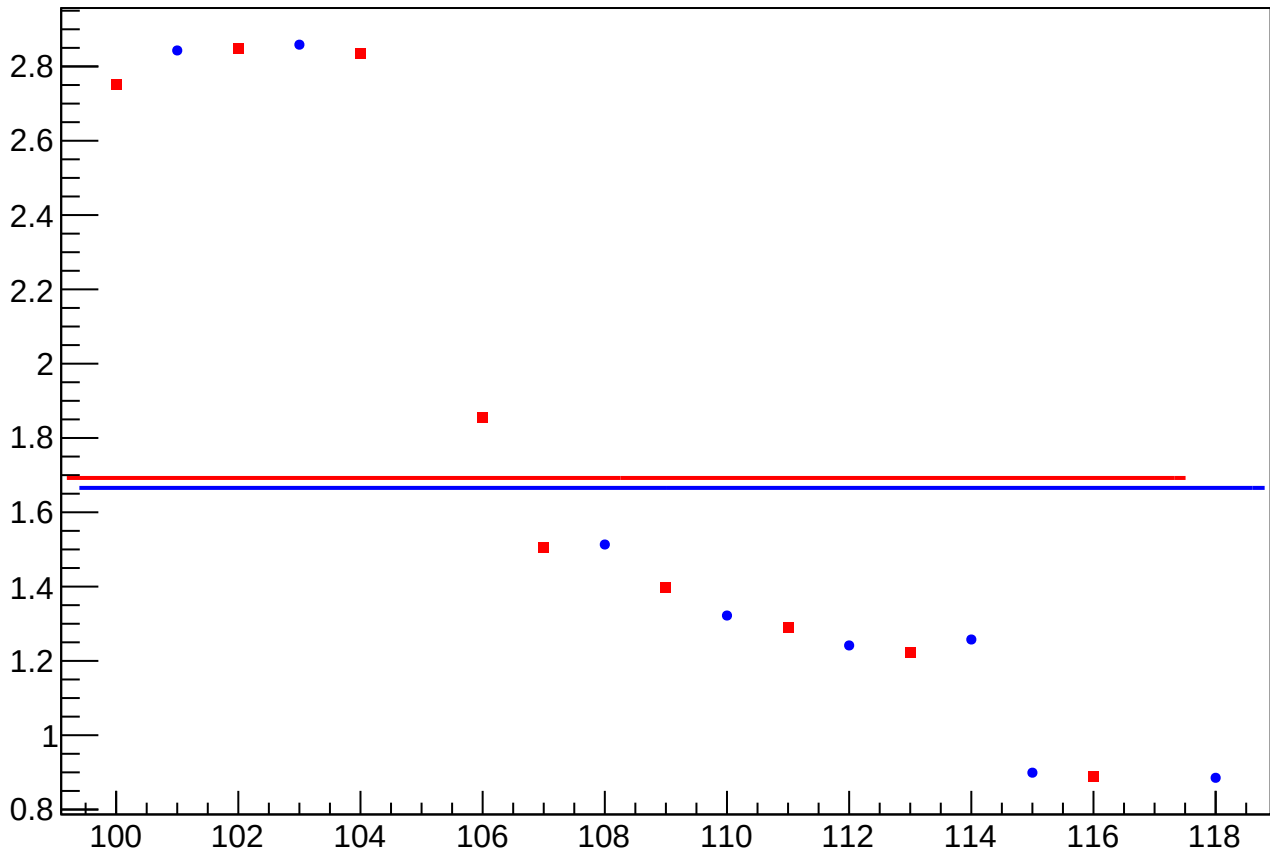
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 205130.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.666+/-0.000 χ^2/NDF : 40279993805.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.692+/-0.000 χ^2/NDF : 33903121598.6/8

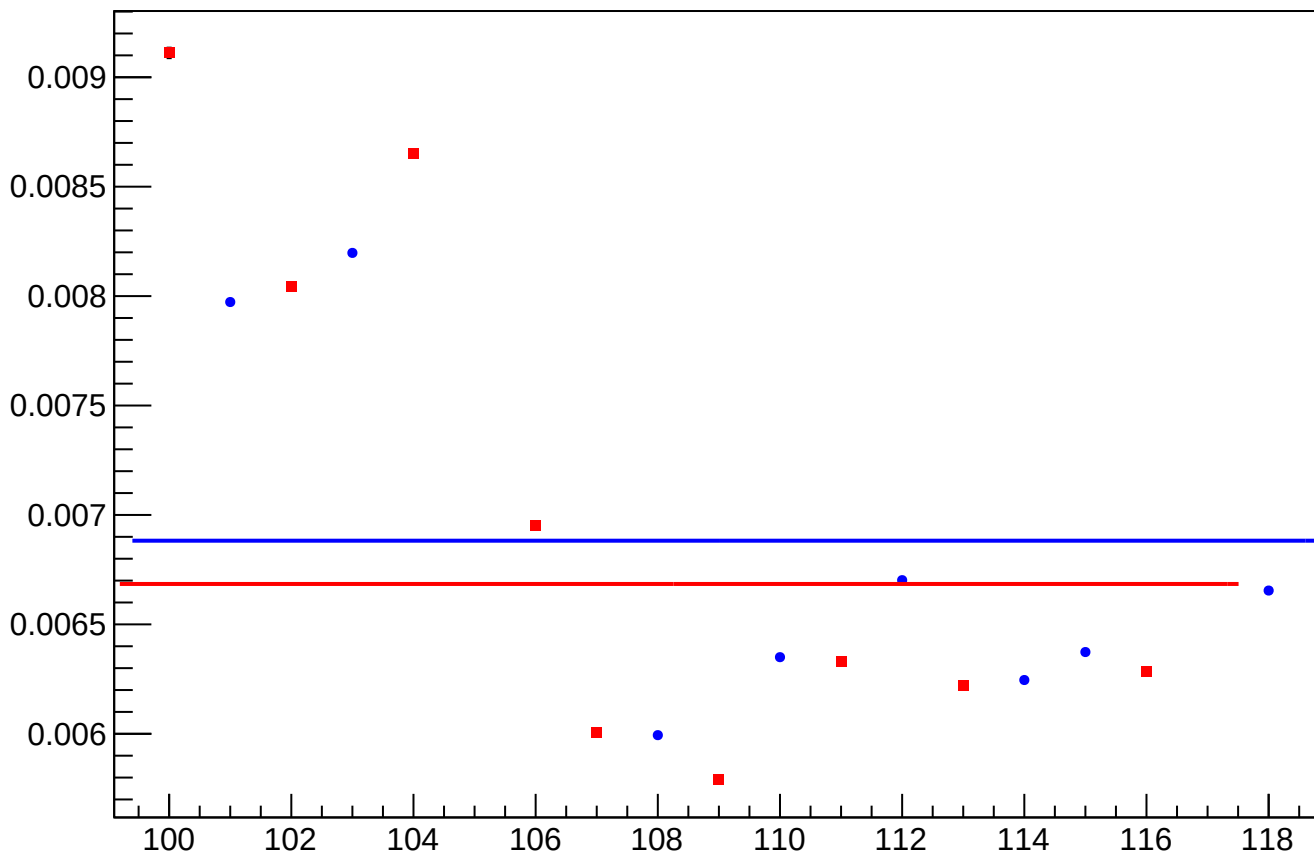
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.680+/-0.000 χ^2/NDF : 74209139746.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug



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 : 143547.1/8

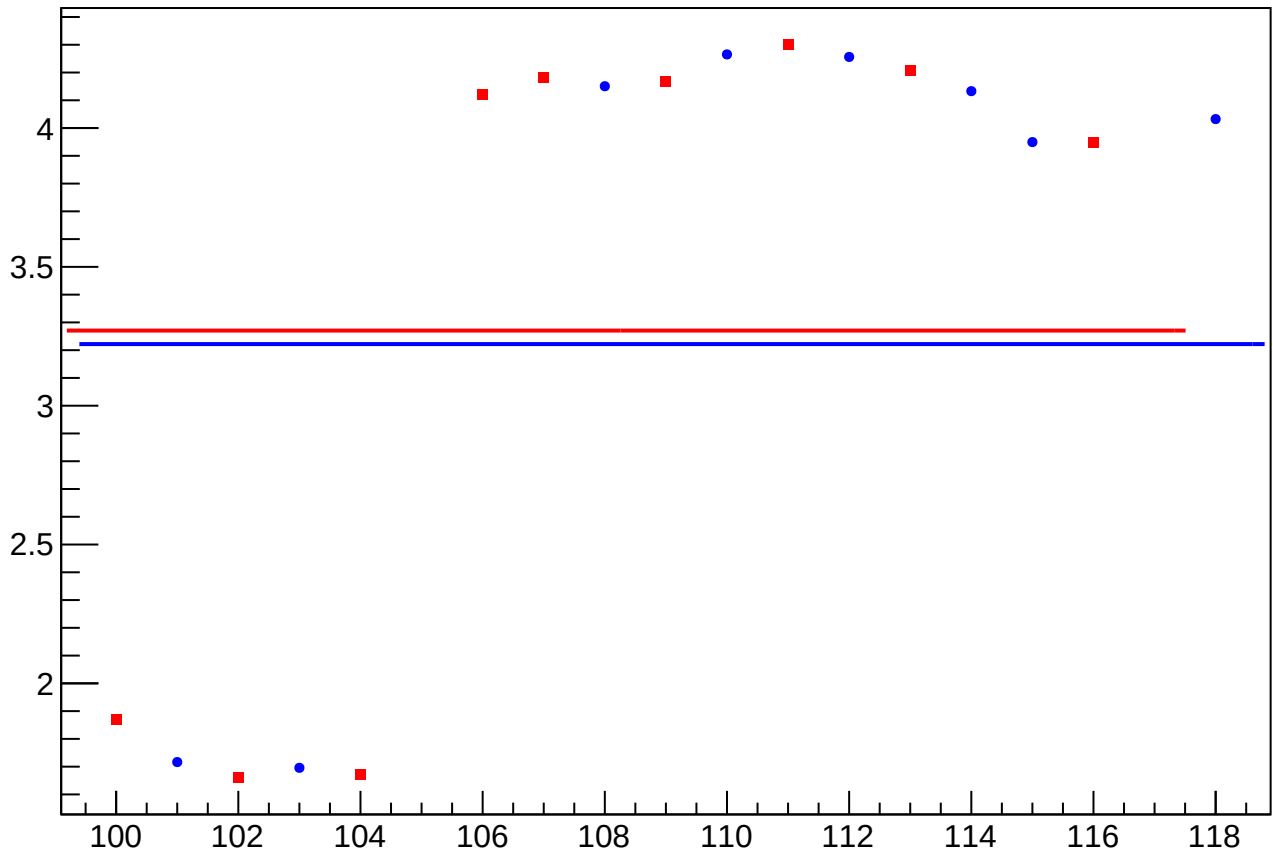
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 230556.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.222+/-0.000 χ^2/NDF : 168125415689.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.271+/-0.000 χ^2/NDF : 178935627710.2/8

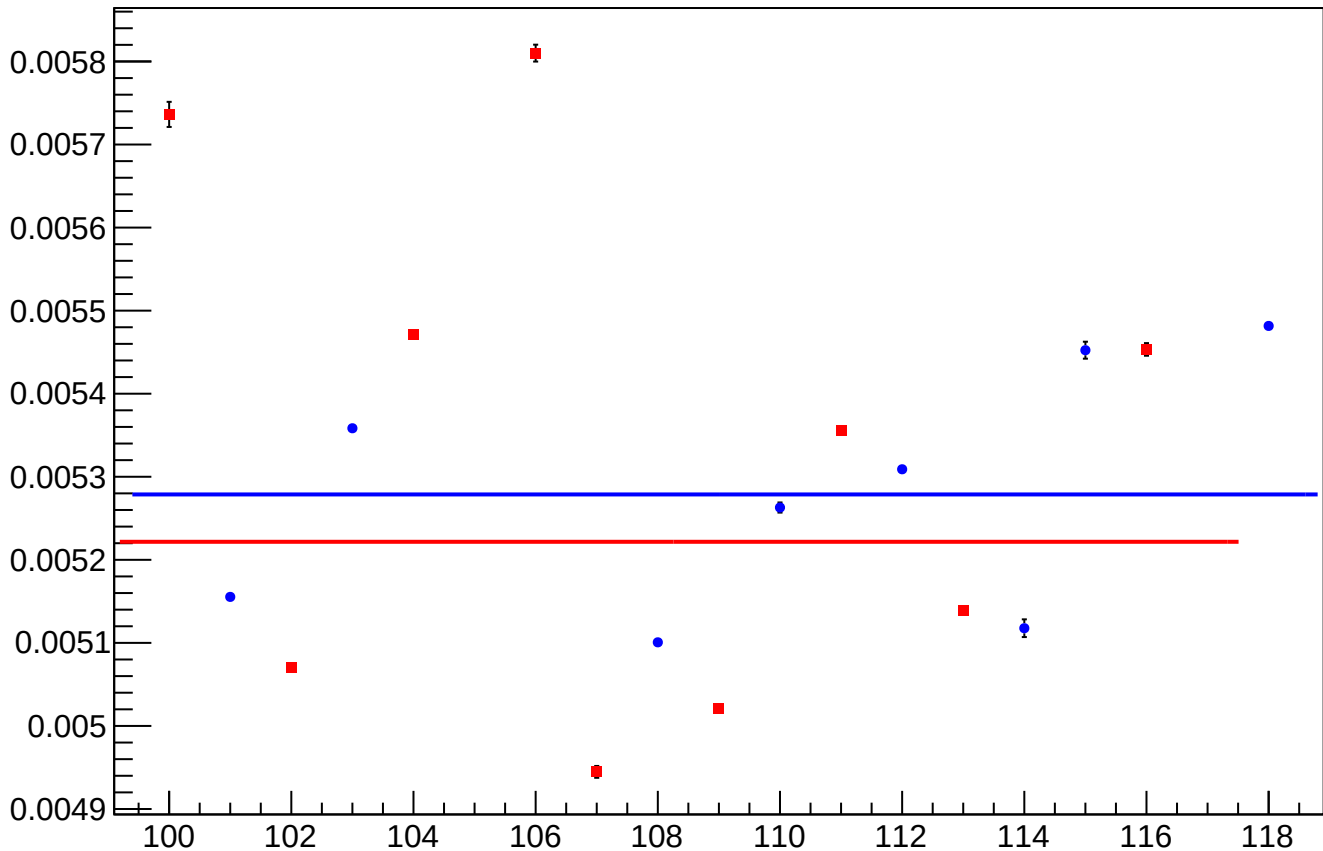
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.247+/-0.000 χ^2/NDF : 347204245790.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug



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 : 12789.3/8

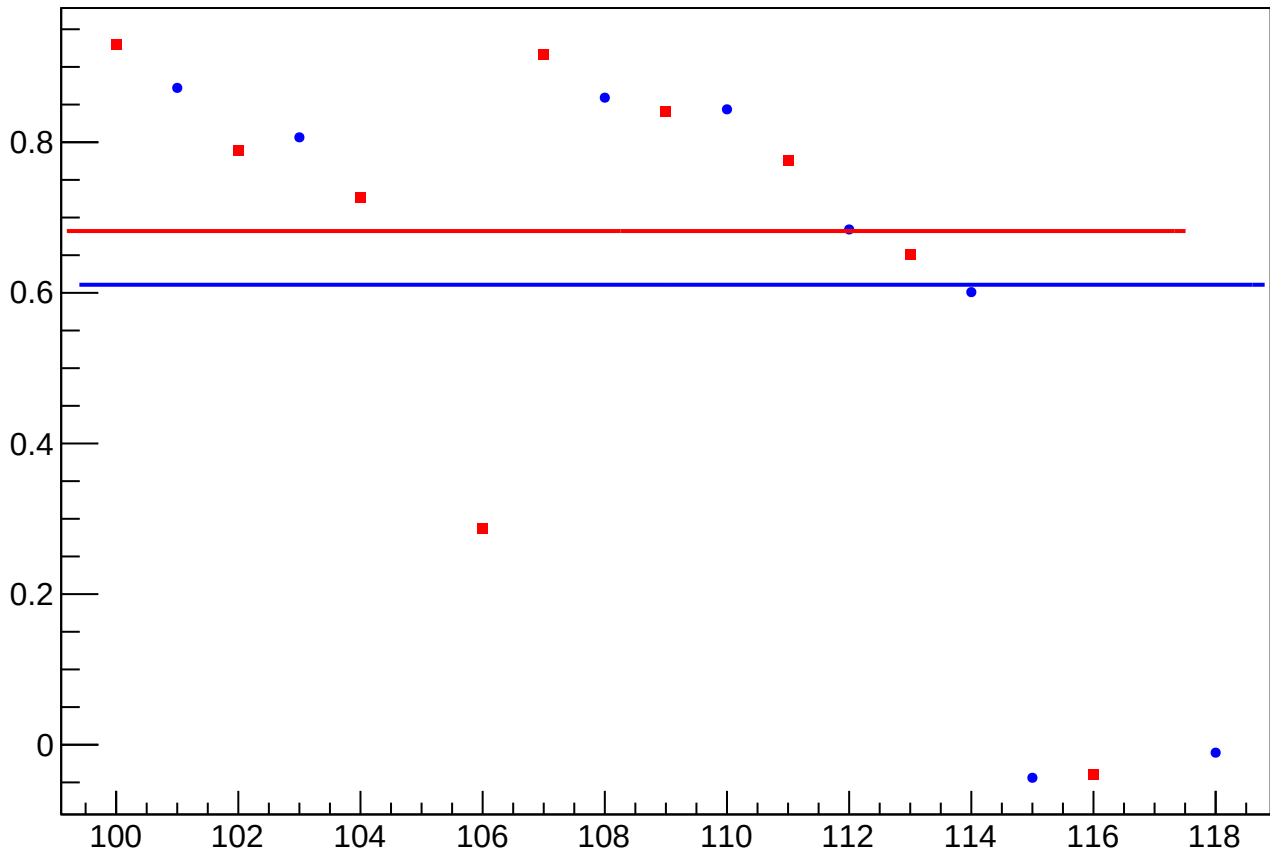
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 17179.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



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: 0.682+/-0.000 χ^2/NDF : 1121864885.9/8

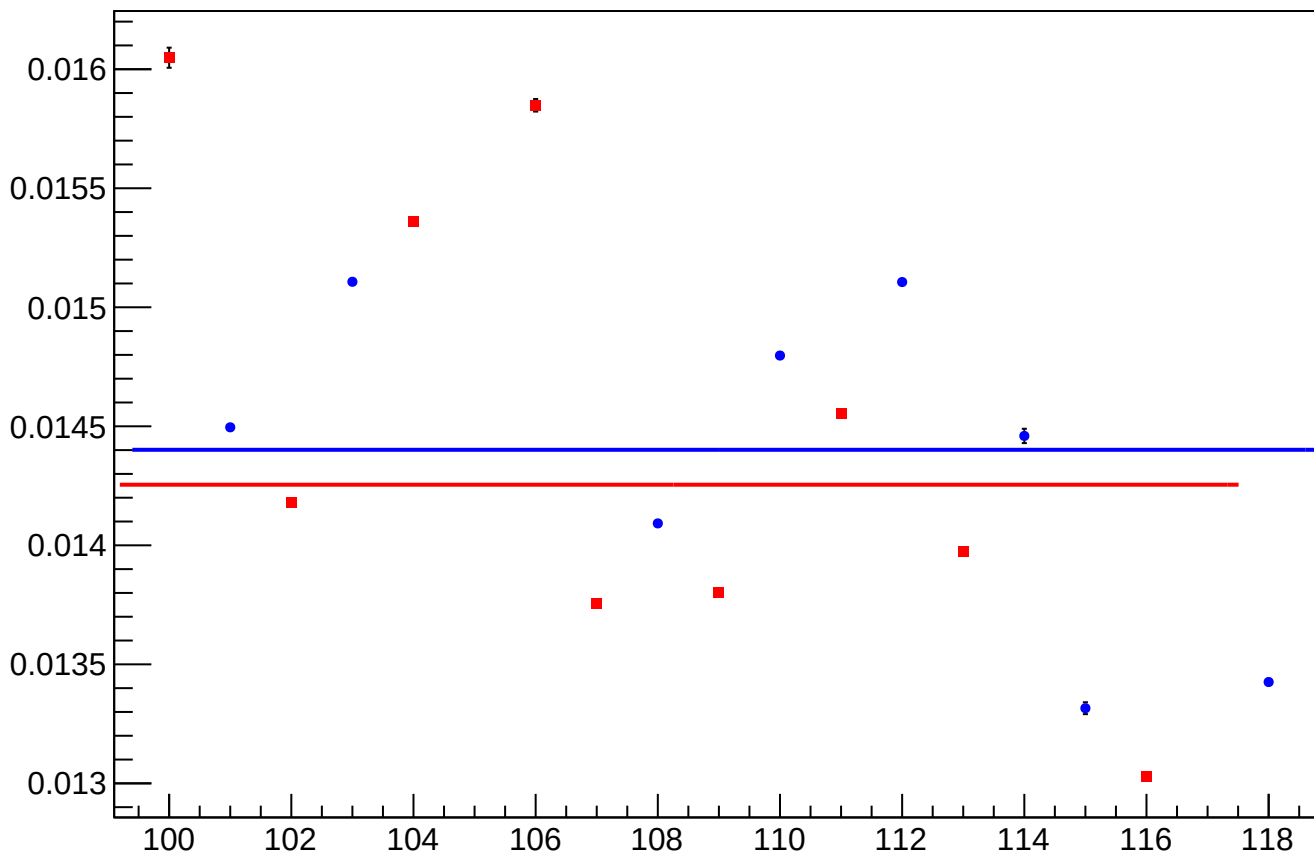
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.647+/-0.000 χ^2/NDF : 3183369410.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 13216.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 17970.9/8

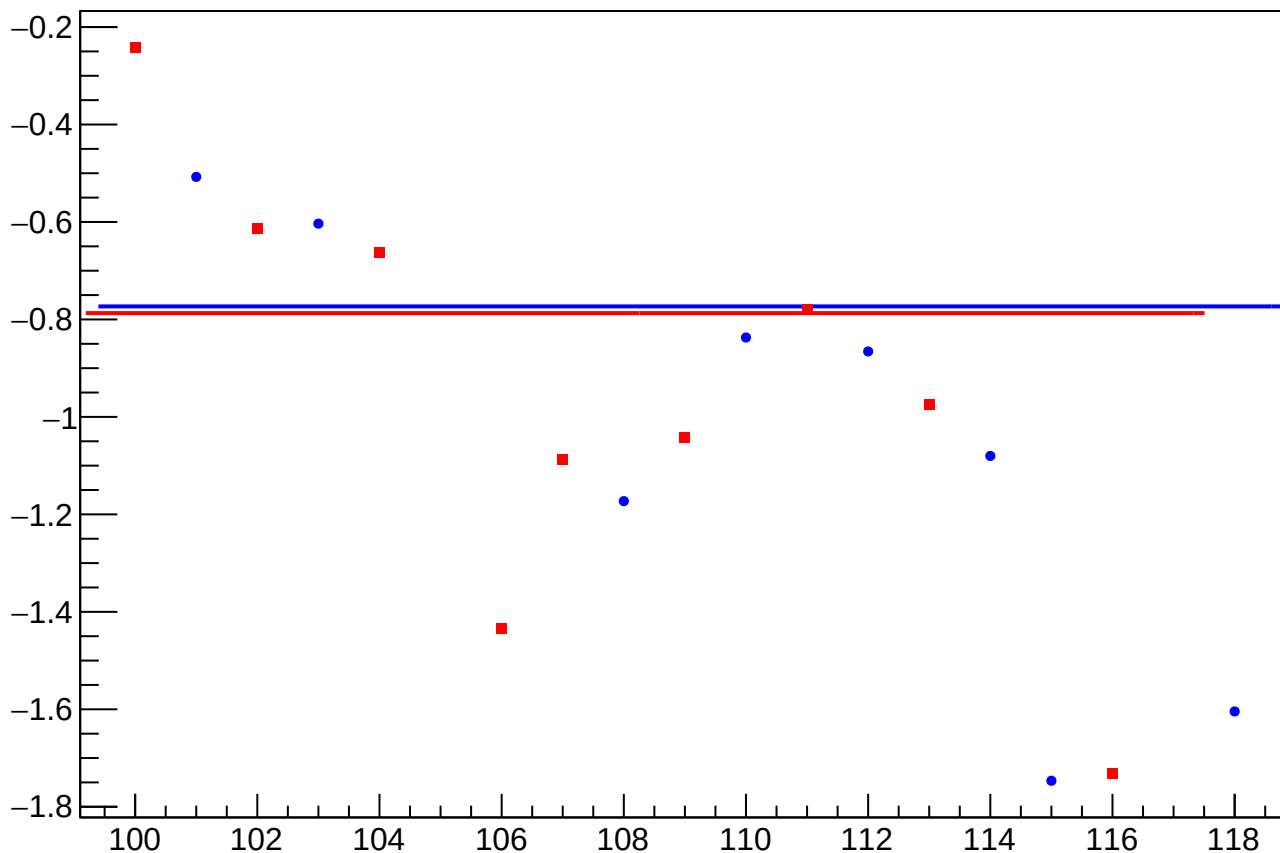
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 31535.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06Y_mean vs Slug



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: -0.787+/-0.000 χ^2/NDF : 10733363163.1/8

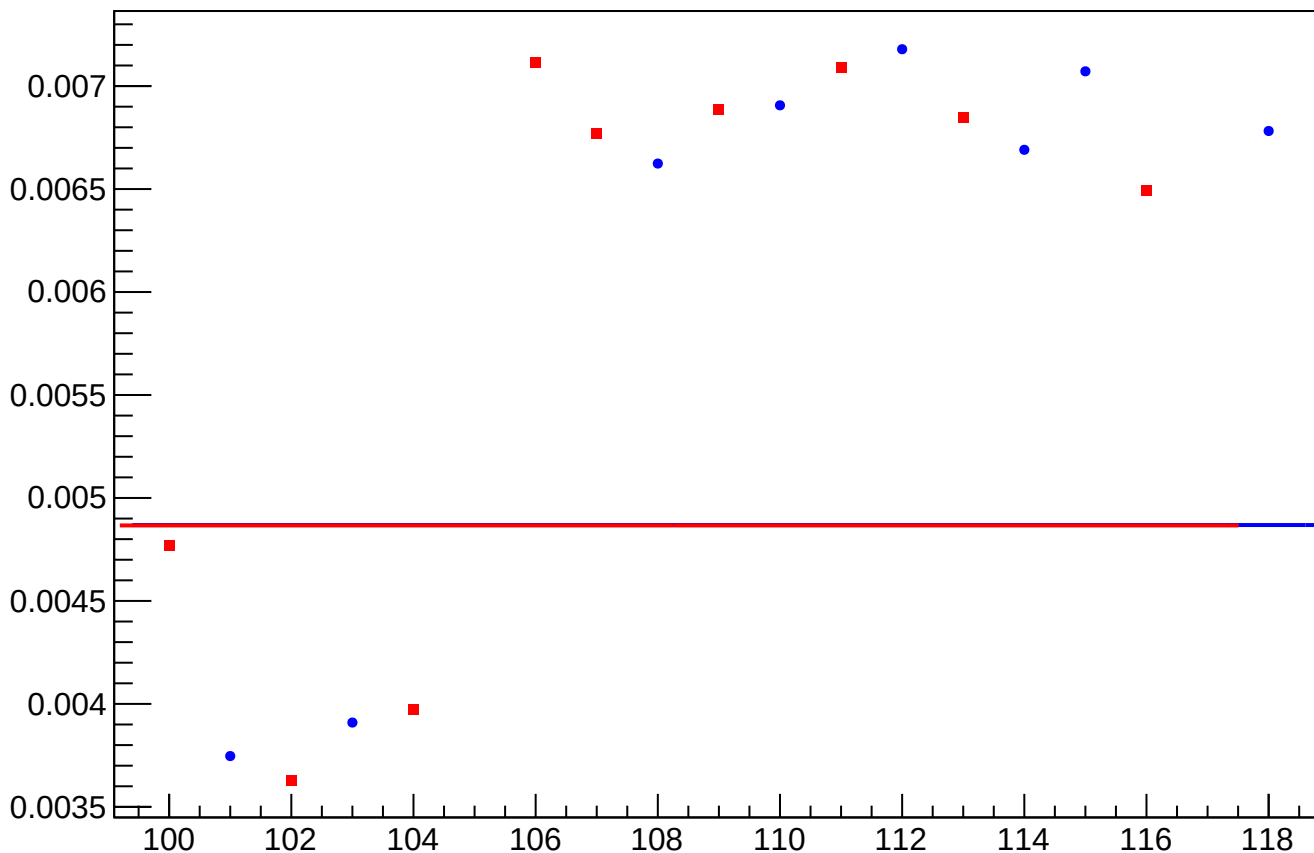
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.780+/-0.000 χ^2/NDF : 26755160383.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug



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 : 535860.9/8

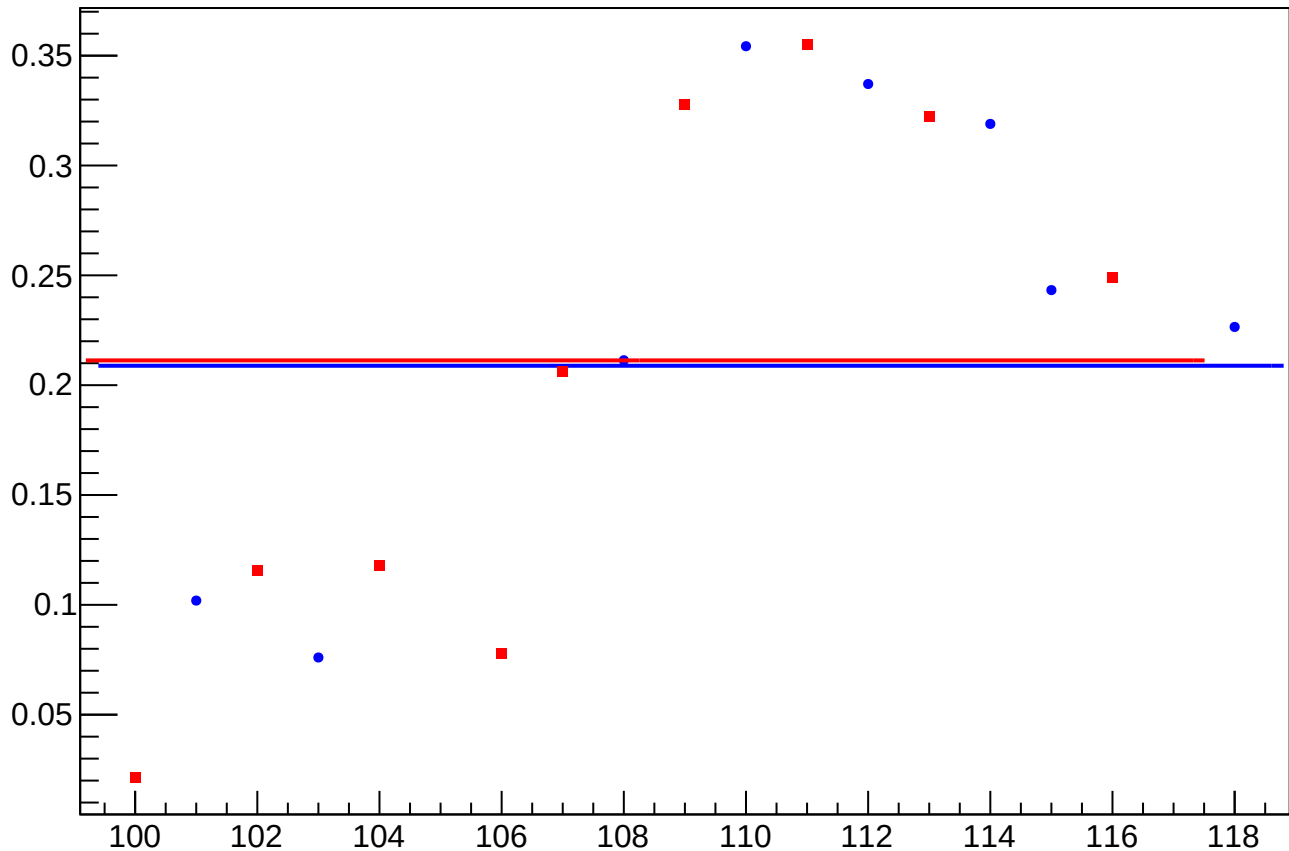
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1041087.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



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 : 19115101732.3/8

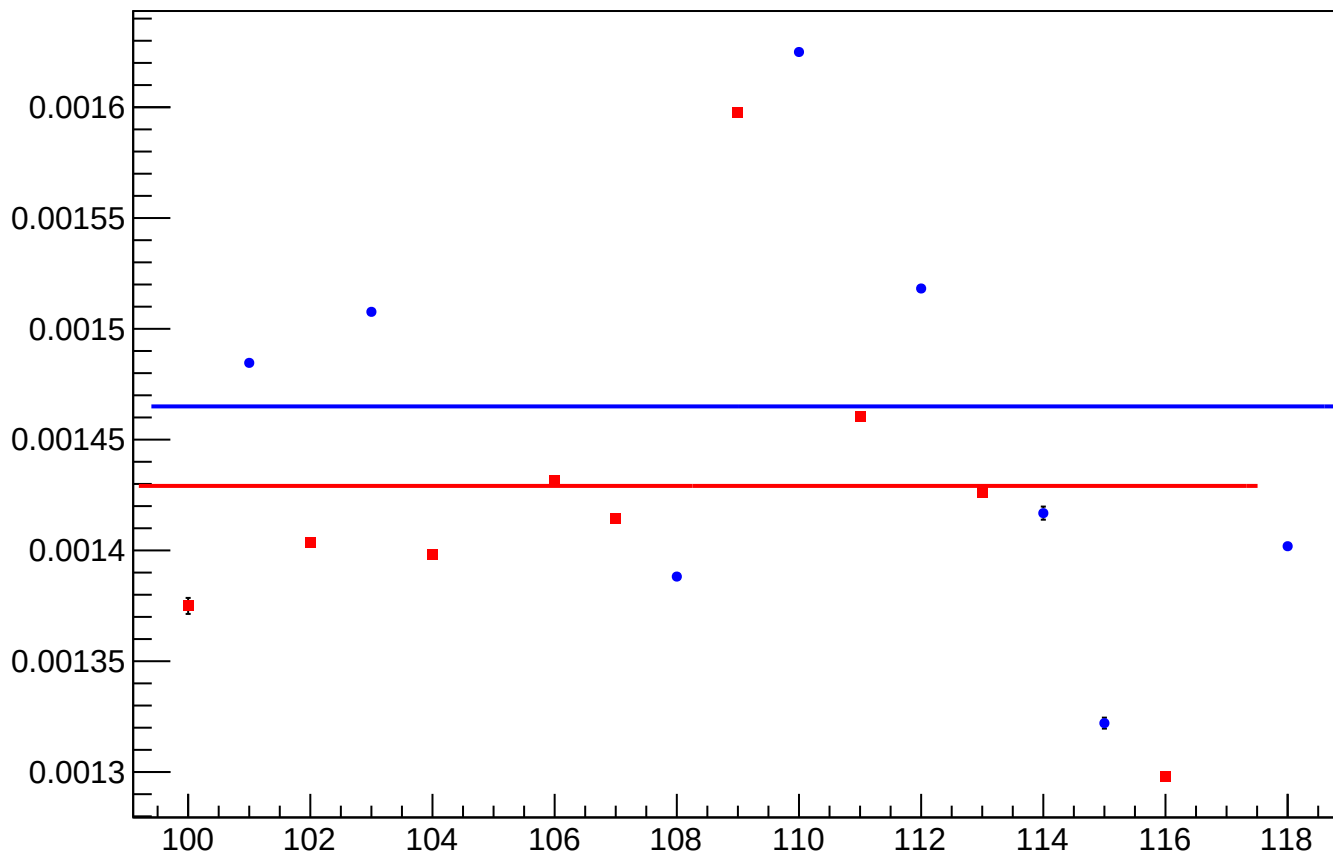
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.210+/-0.000 χ^2/NDF : 33194123926.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug



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 : 18265.3/8

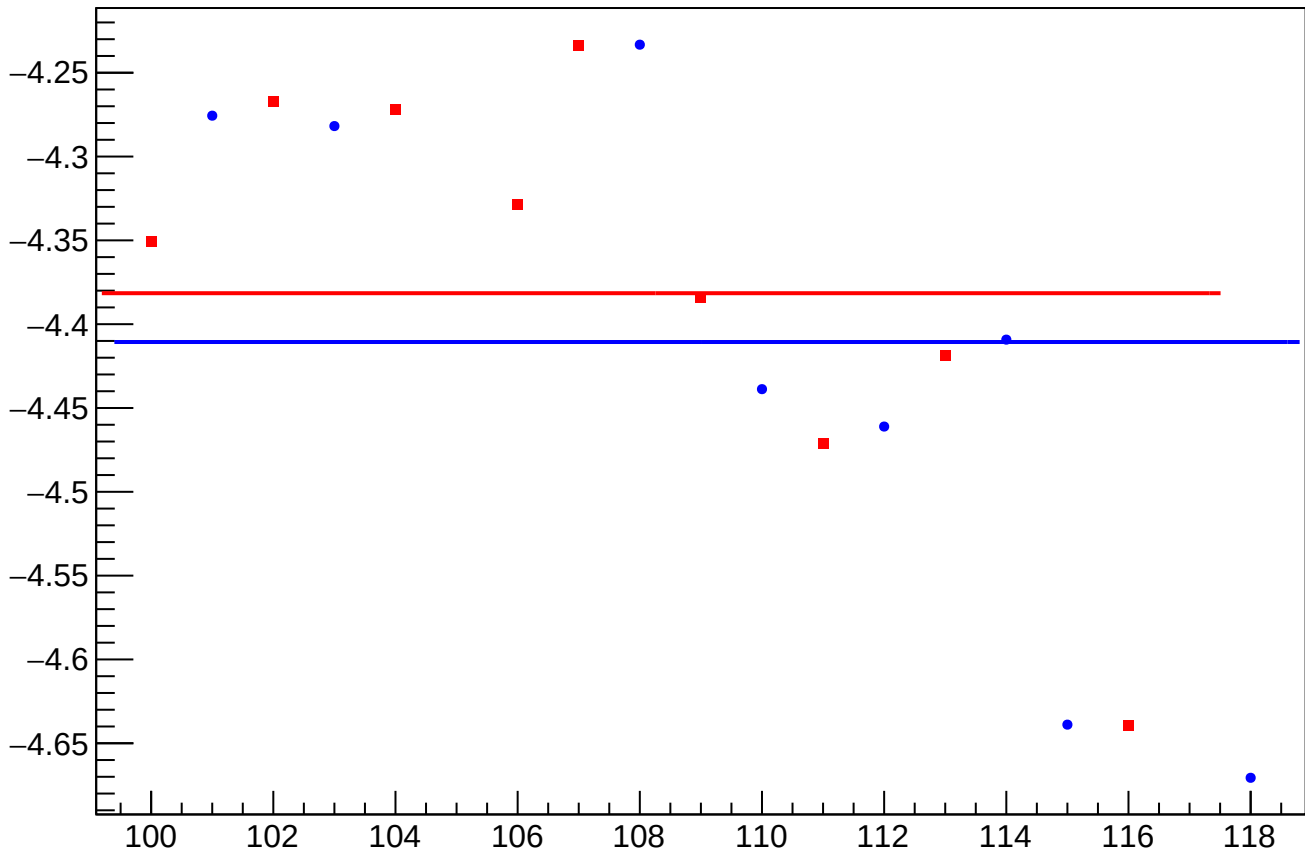
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 37299.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



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: -4.382+/-0.000 χ^2/NDF : 16724709171.8/8

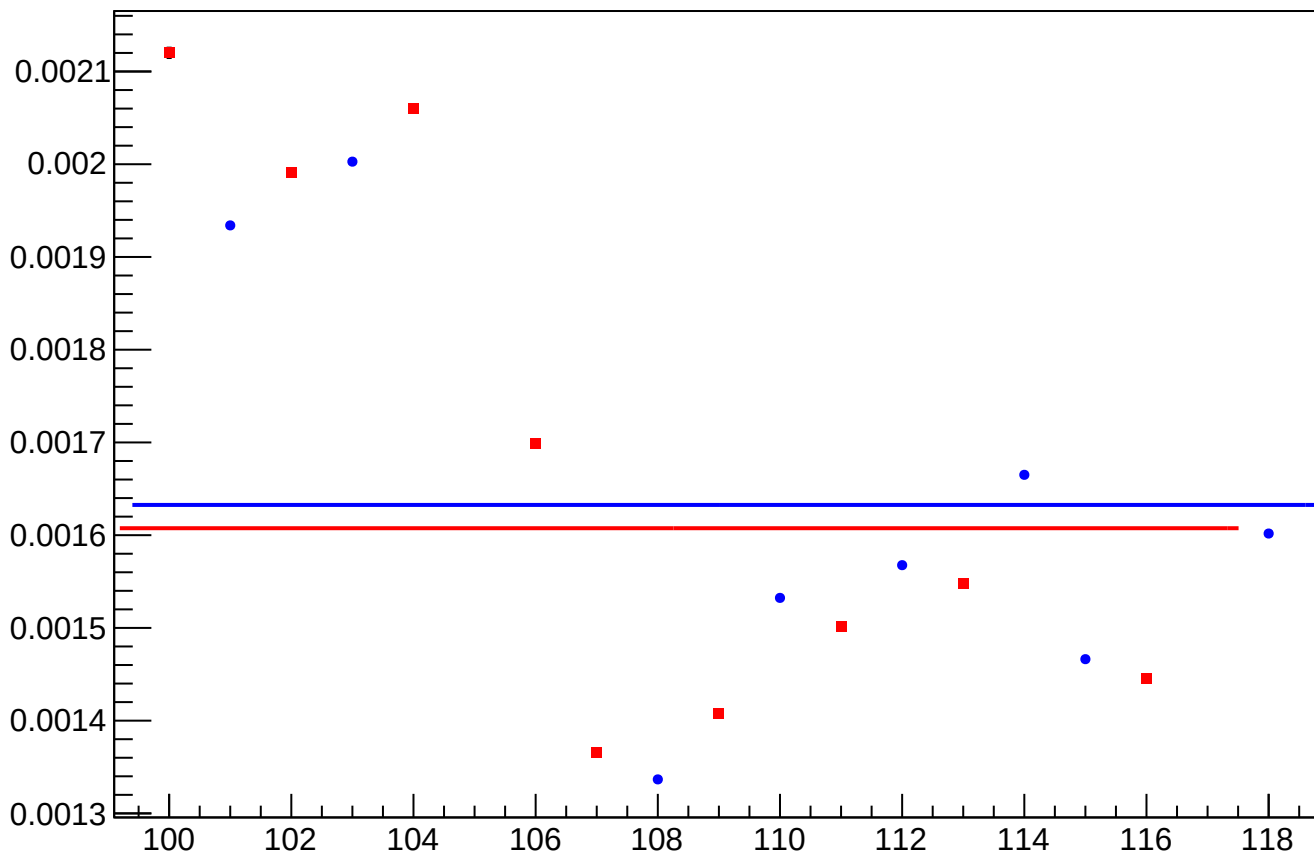
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.395+/-0.000 χ^2/NDF : 47484566485.4/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_rms vs Slug



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 : 156329.0/8

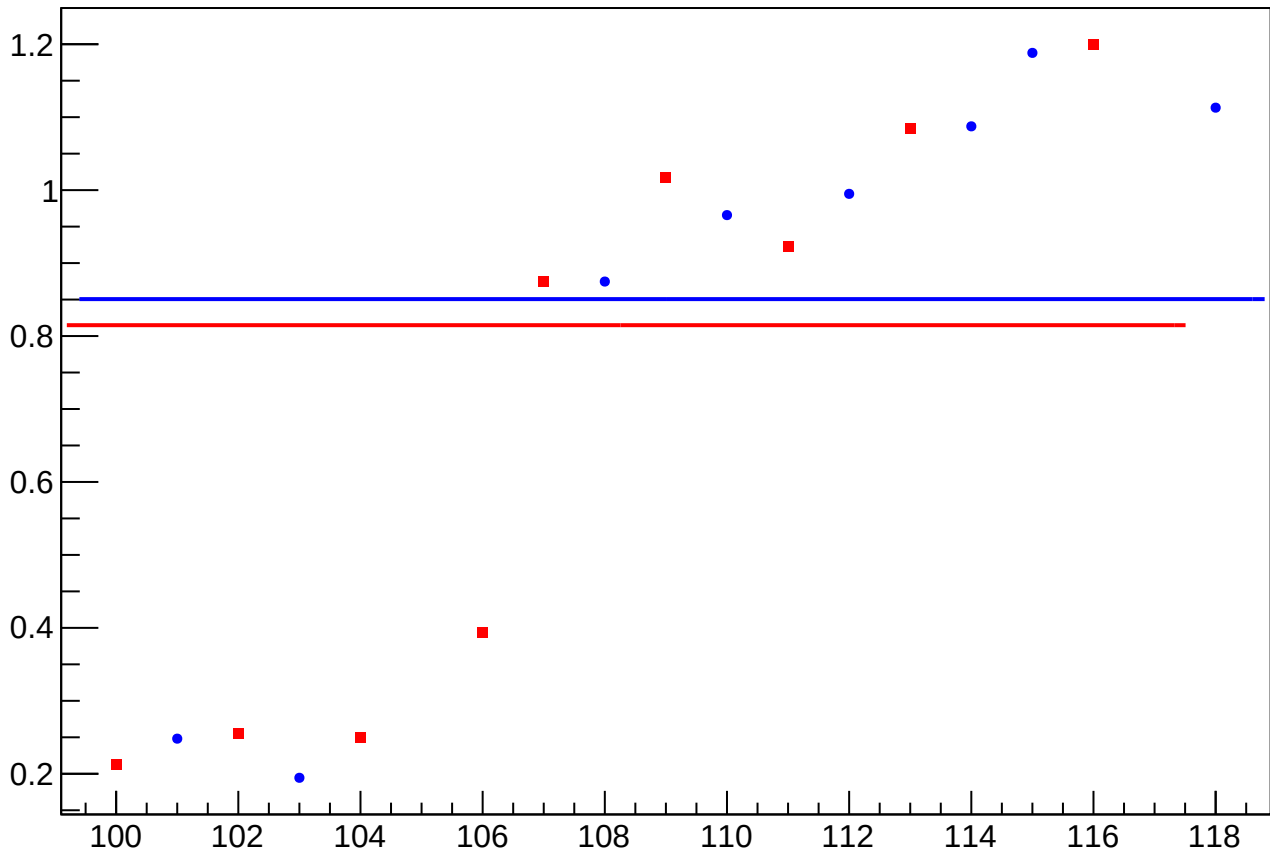
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 276815.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



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: 0.815+/-0.000 χ^2/NDF : 10651984606.0/8

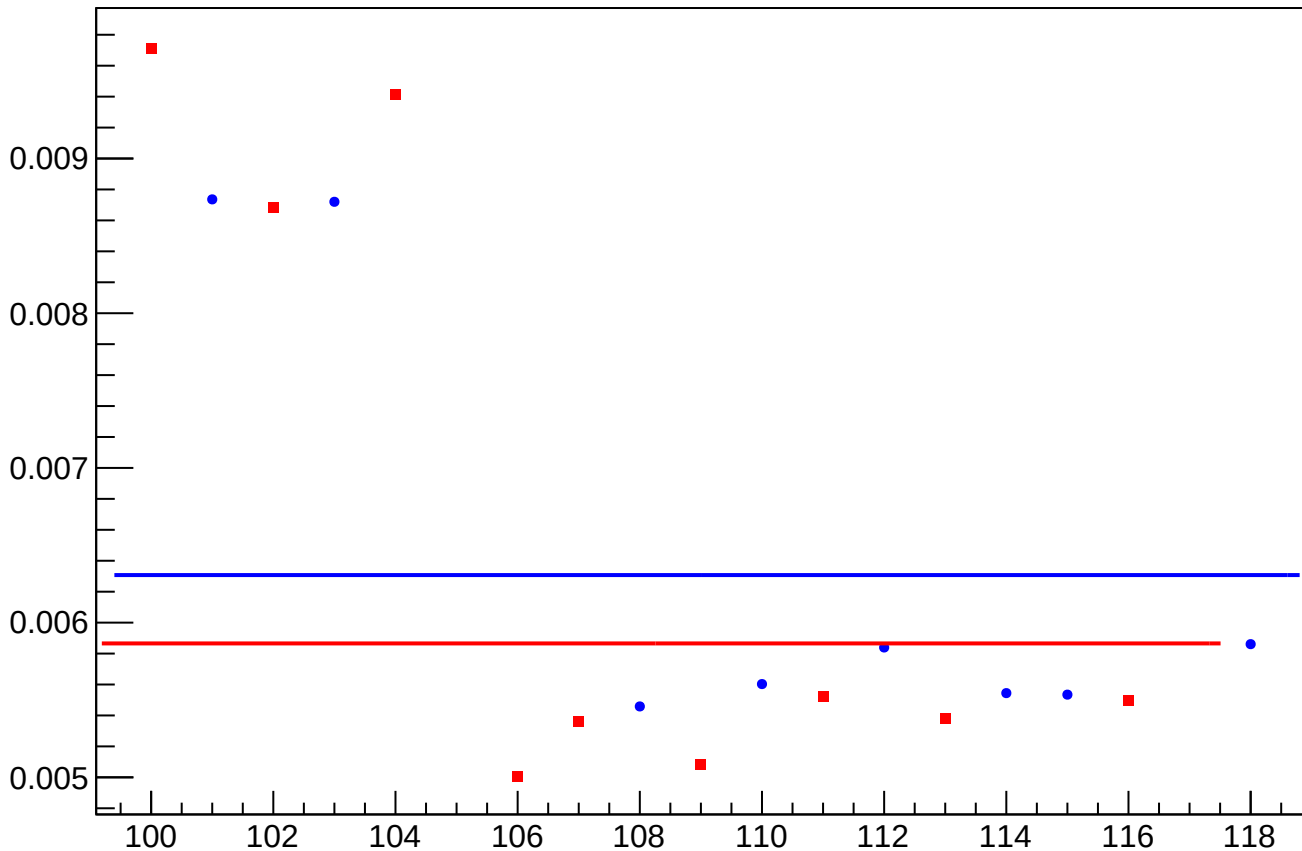
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.831+/-0.000 χ^2/NDF : 19466565330.2/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_rms vs Slug



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 : 369128.6/8

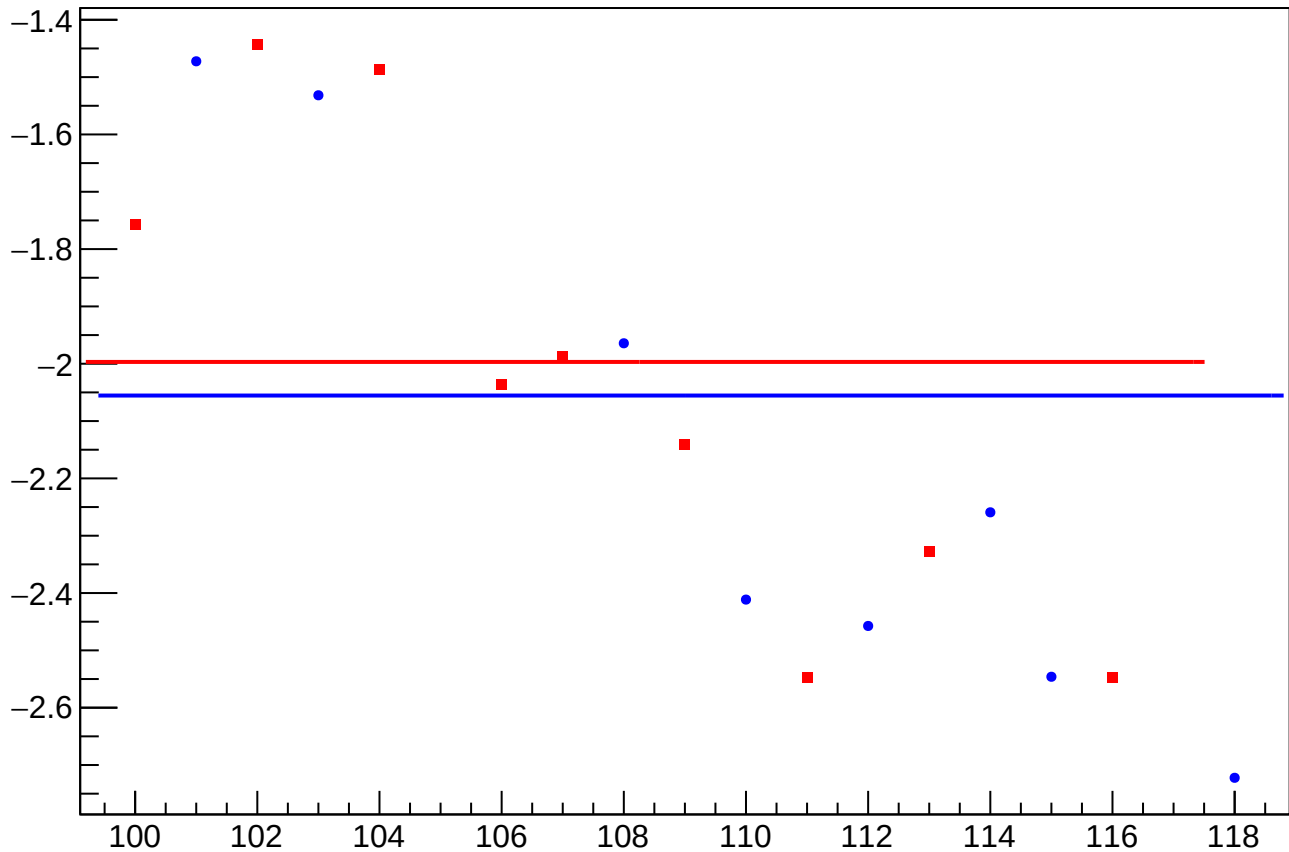
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 631820.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -2.055+/-0.000 χ^2/NDF : 24417522657.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.997+/-0.000 χ^2/NDF : 18153318370.1/8

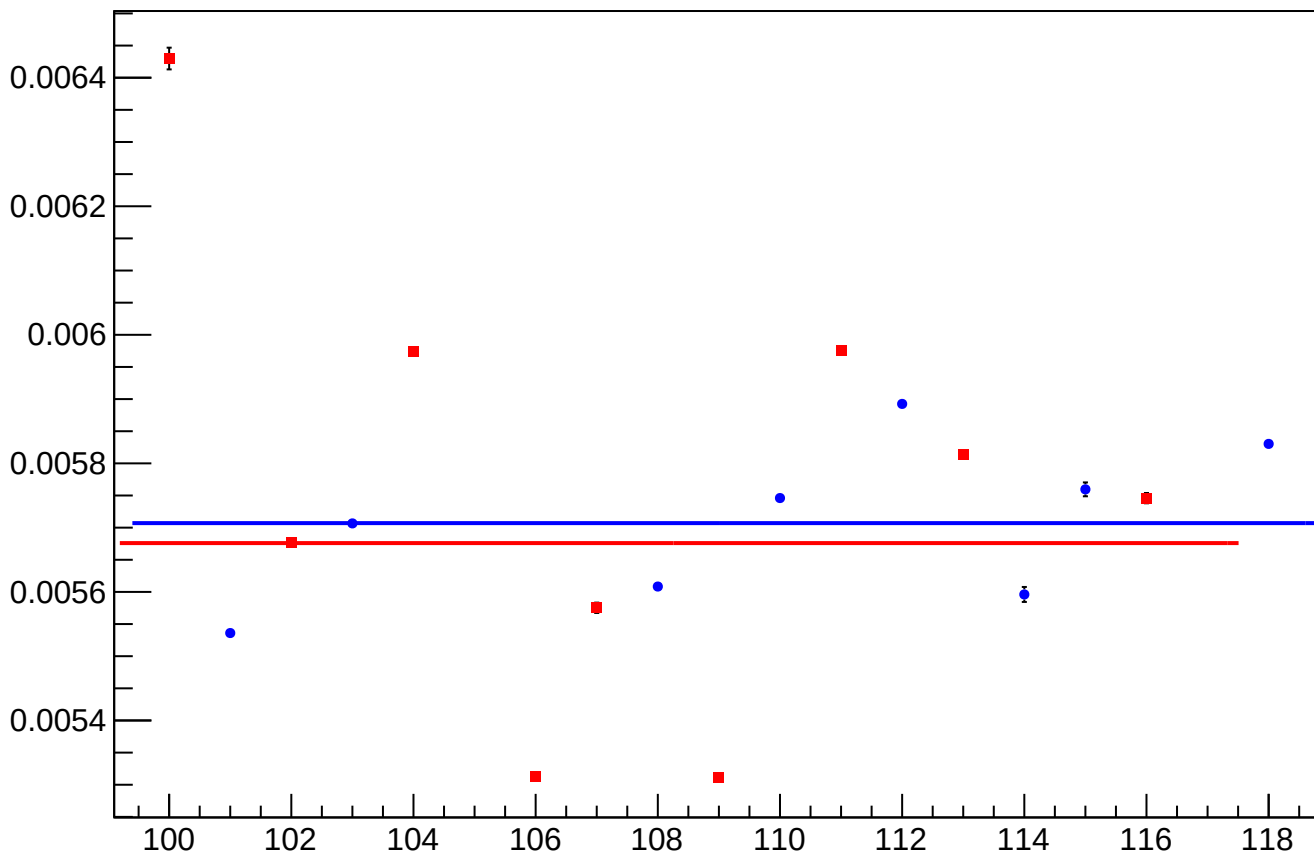
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.025+/-0.000 χ^2/NDF : 42751812990.6/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug



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 : 15658.4/8

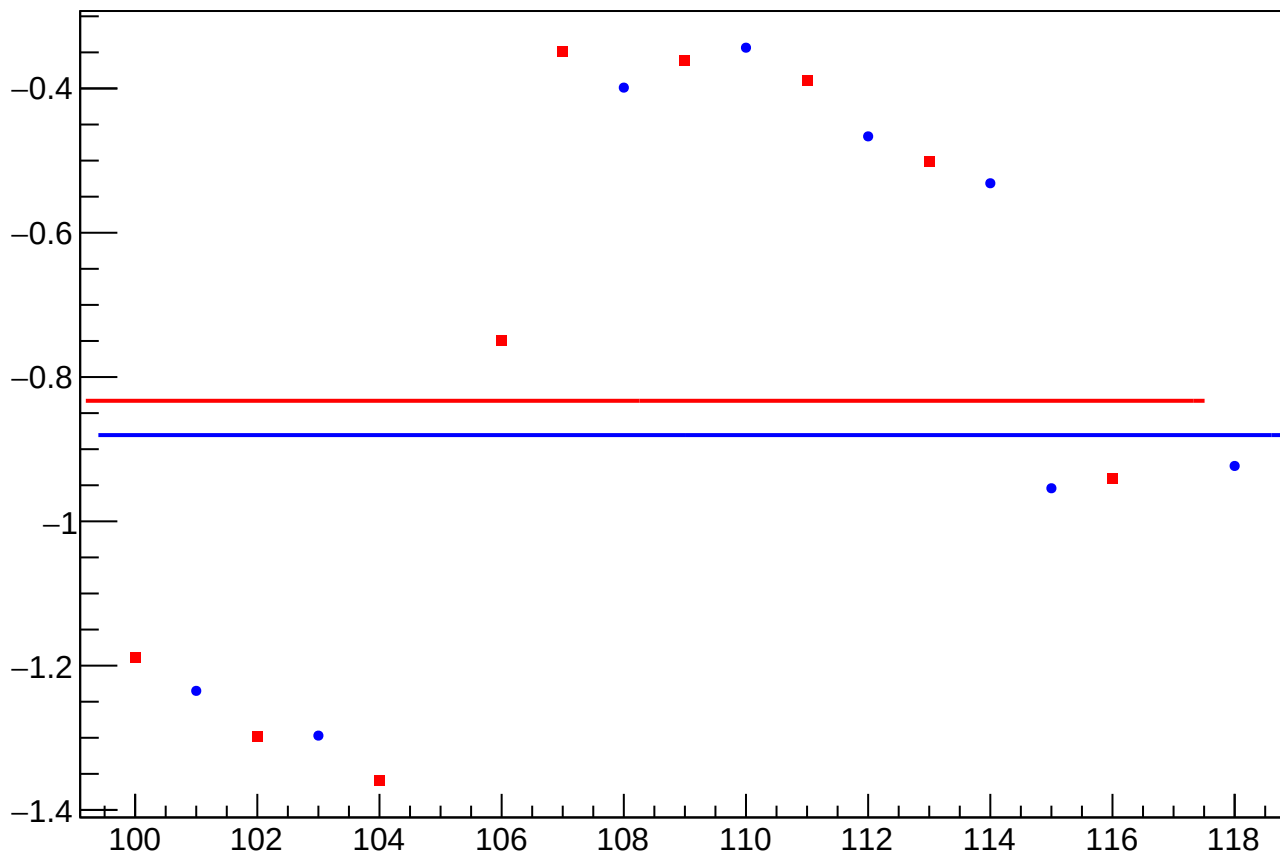
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 18866.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.880+/-0.000 χ^2/NDF : 4094083484.8/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.833+/-0.000 χ^2/NDF : 5609369064.5/8

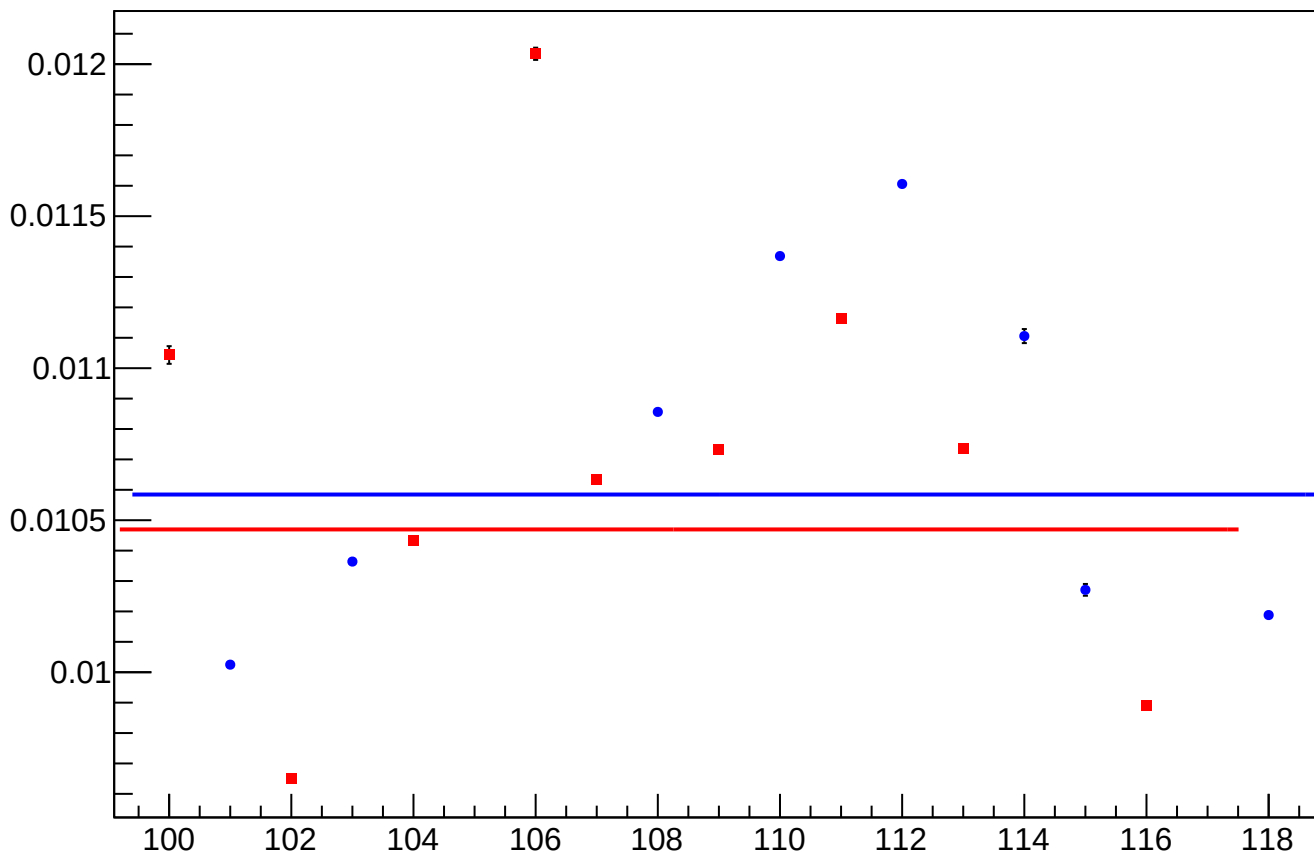
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.856+/-0.000 χ^2/NDF : 9737106834.6/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



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: 0.010+/-0.000 χ^2/NDF : 22286.3/8

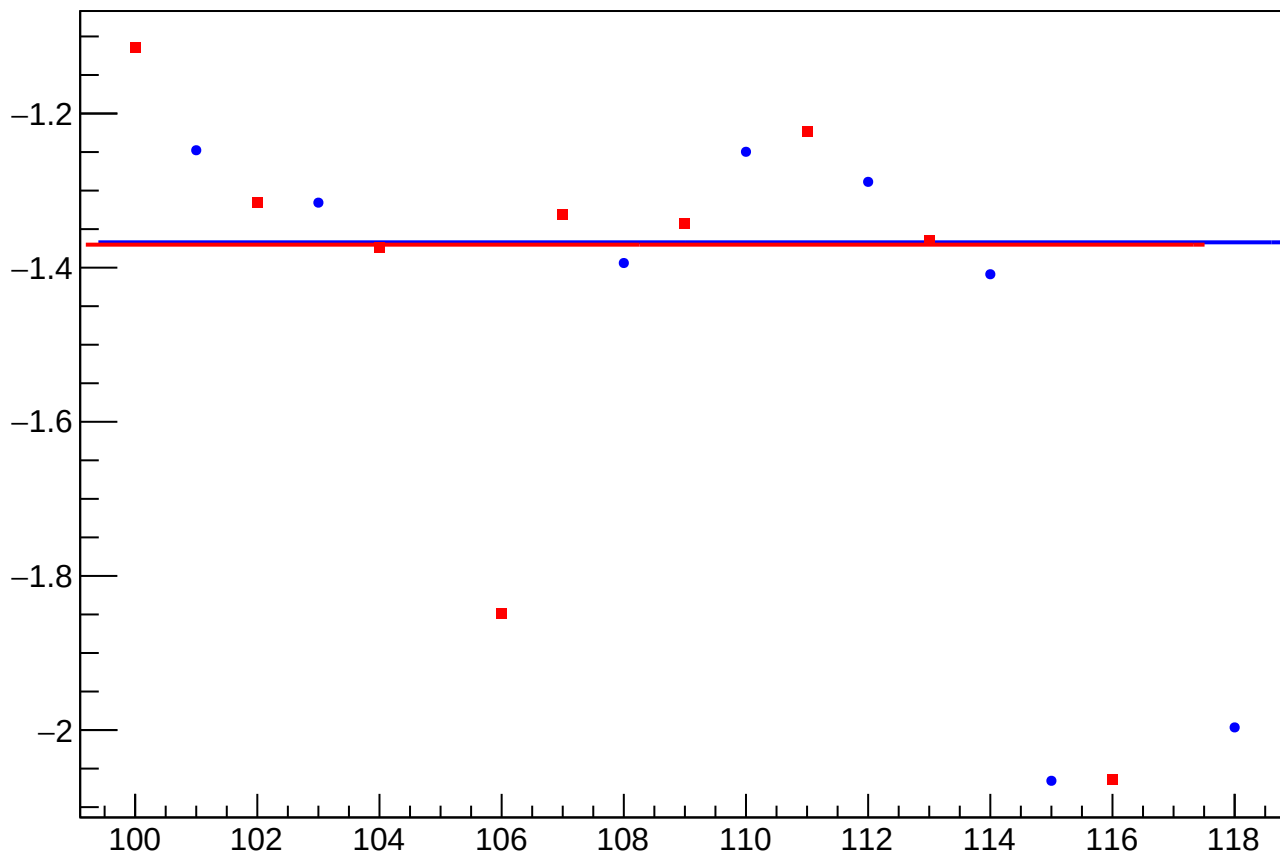
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 41184.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.367+/-0.000 χ^2/NDF : 30404795696.2/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

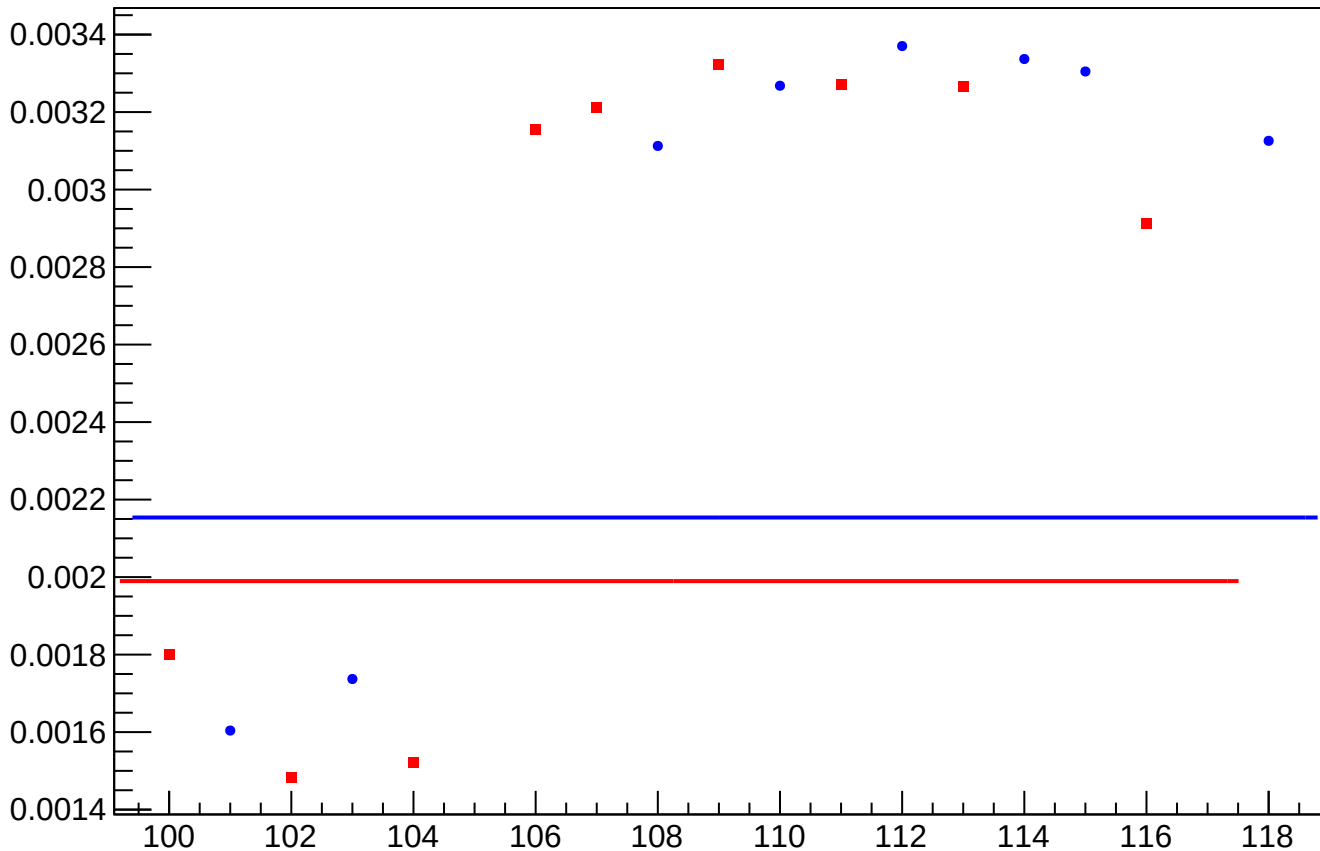
Right Out: -1.370+/-0.000 χ^2/NDF : 20272686454.9/8

All: -1.369+/-0.000 χ^2/NDF : 50680302287.3/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



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 : 796367.9/8

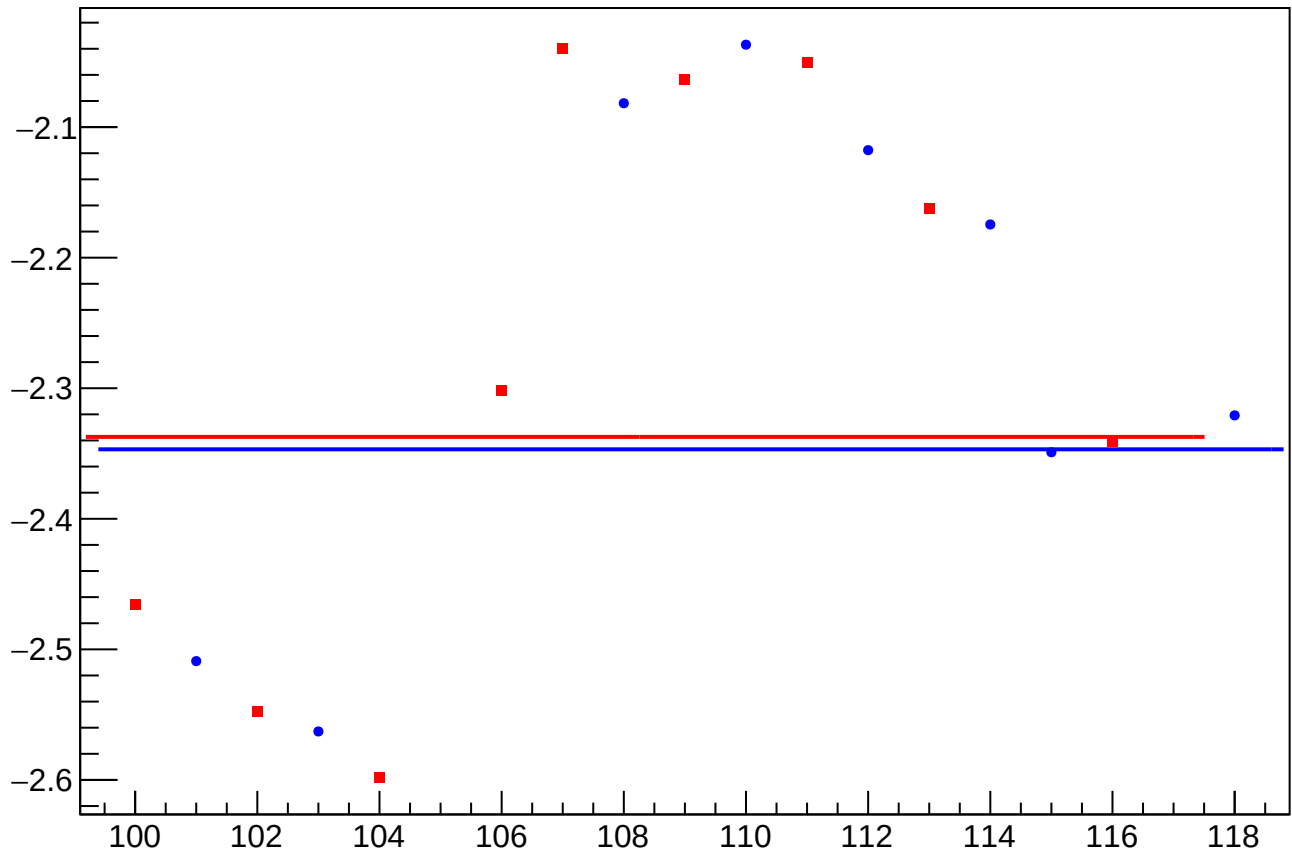
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1424737.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



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: -2.337+/-0.000 χ^2/NDF : 4428923400.9/8

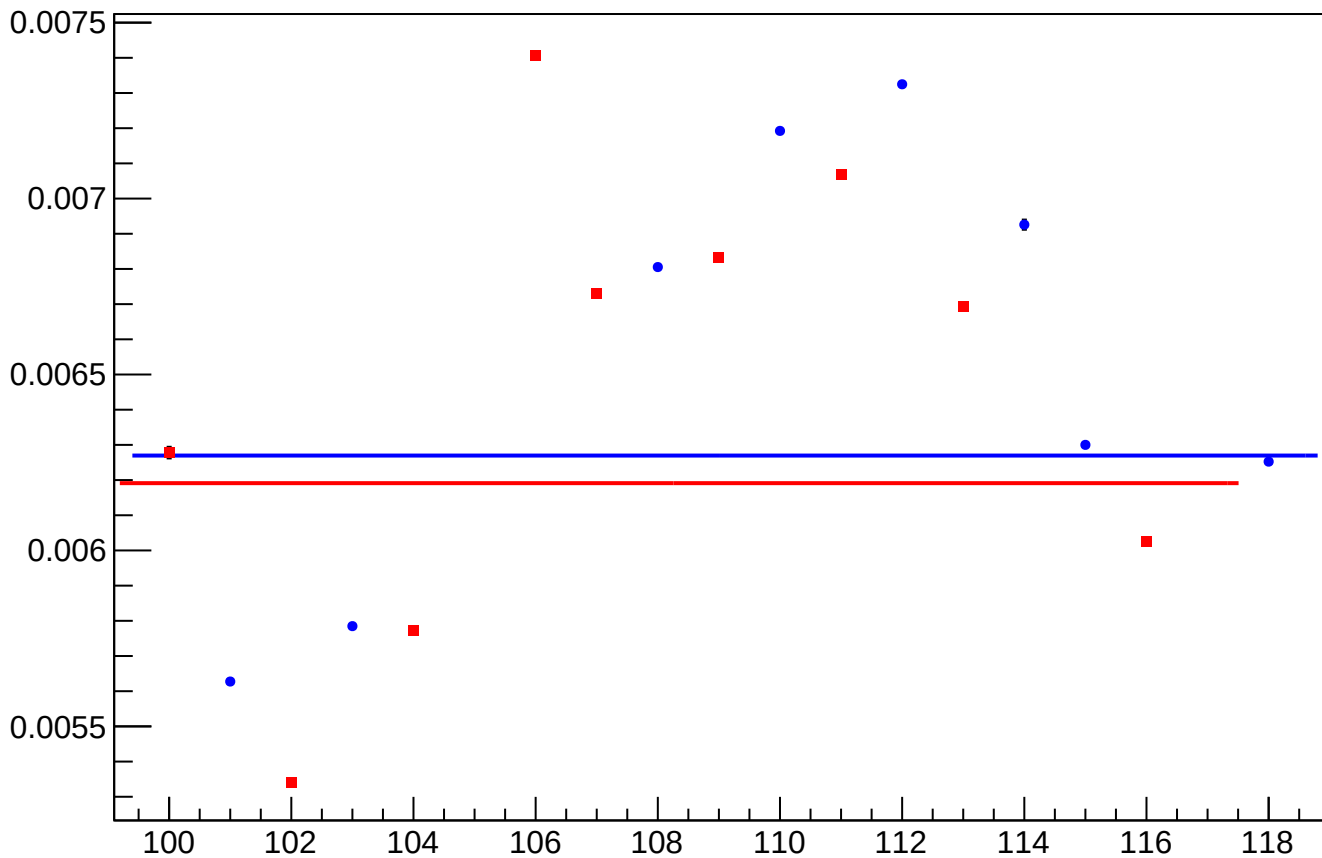
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.342+/-0.000 χ^2/NDF : 7575932441.1/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_rms vs Slug



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 : 78934.2/8

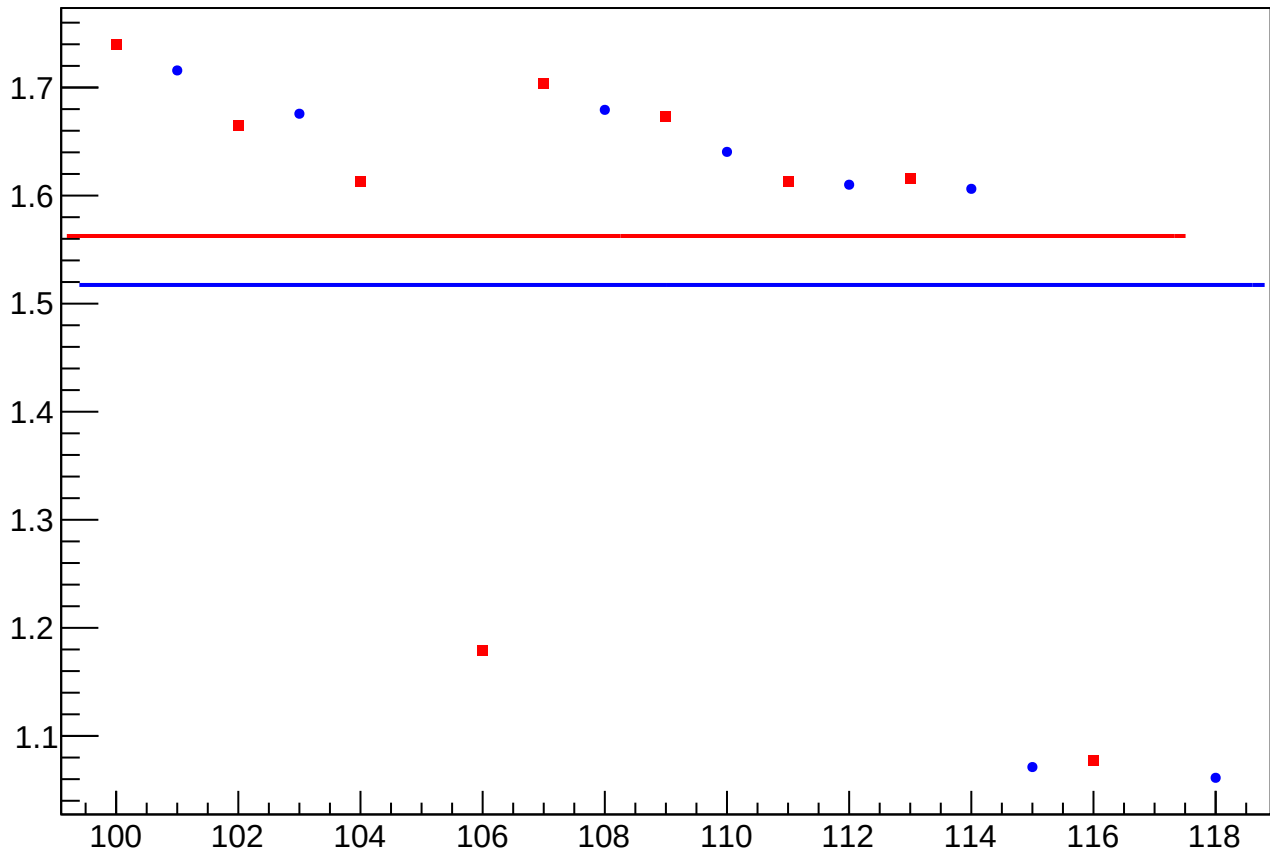
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 143039.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



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: 1.563 ± 0.000 χ^2/NDF : 29027149857.1/8

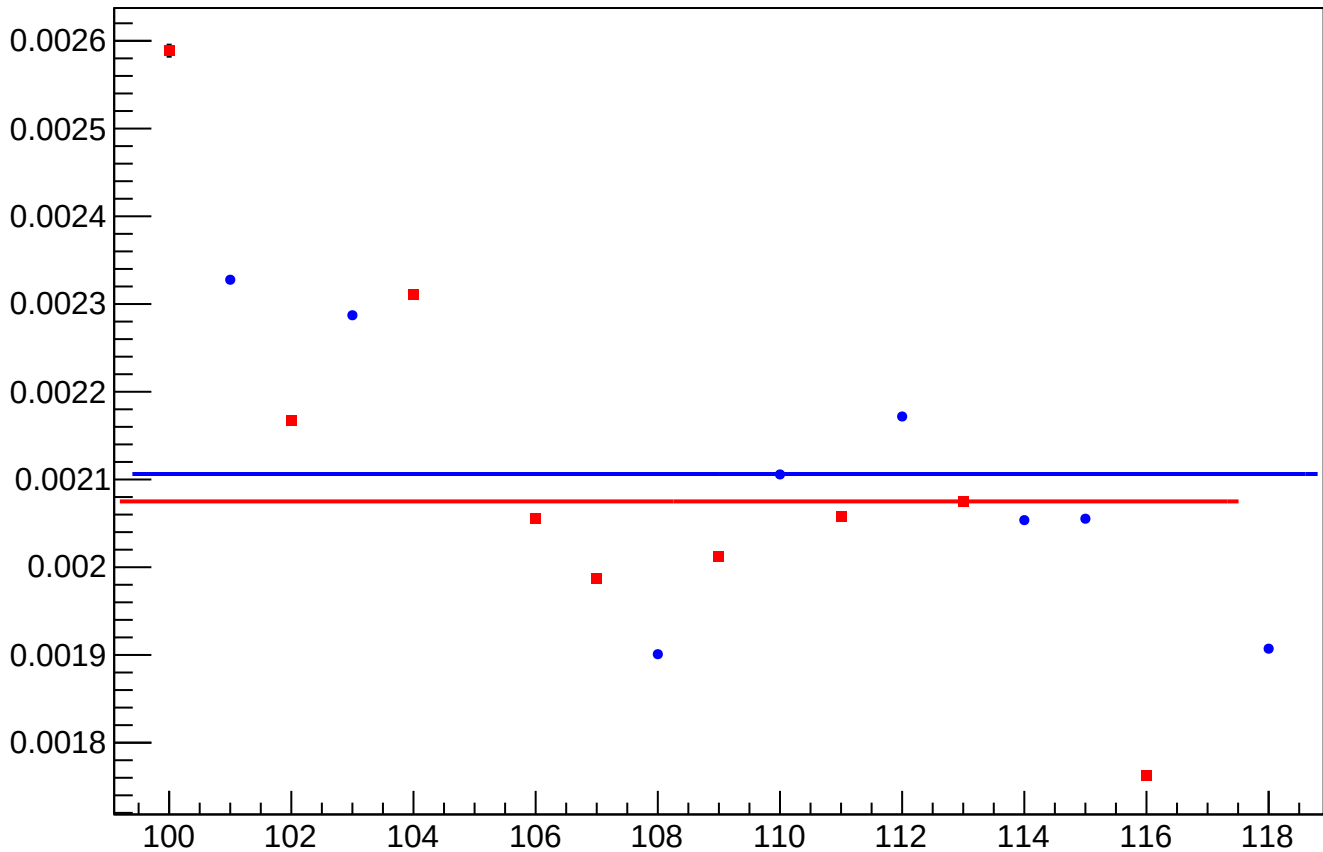
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.541 ± 0.000 χ^2/NDF : 76689911546.5/1

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug



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 : 35933.9/8

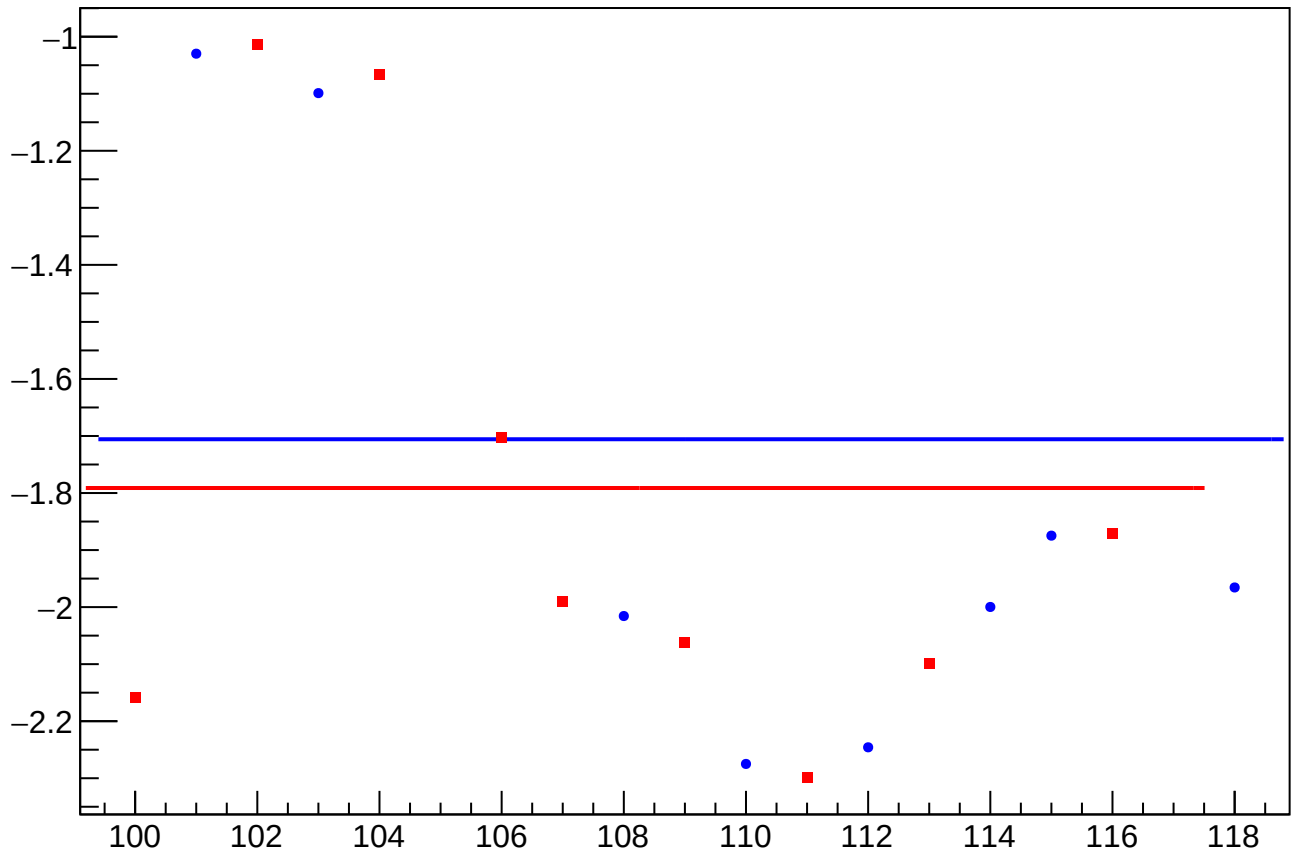
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 75549.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



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: -1.791+/-0.000 χ^2/NDF : 18550670699.2/8

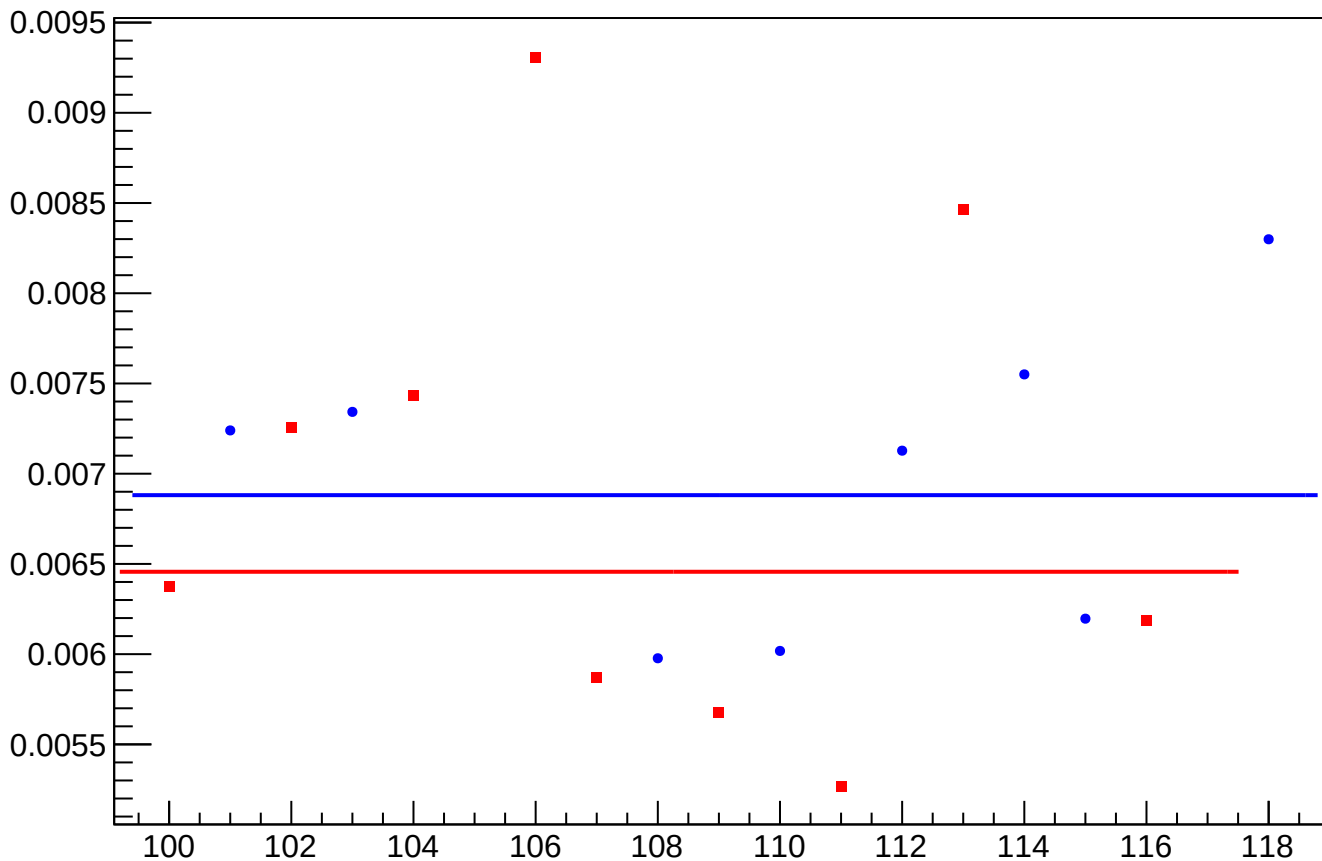
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.753+/-0.000 χ^2/NDF : 35248276943.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug



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: 0.006+/-0.000 χ^2/NDF : 189365.8/8

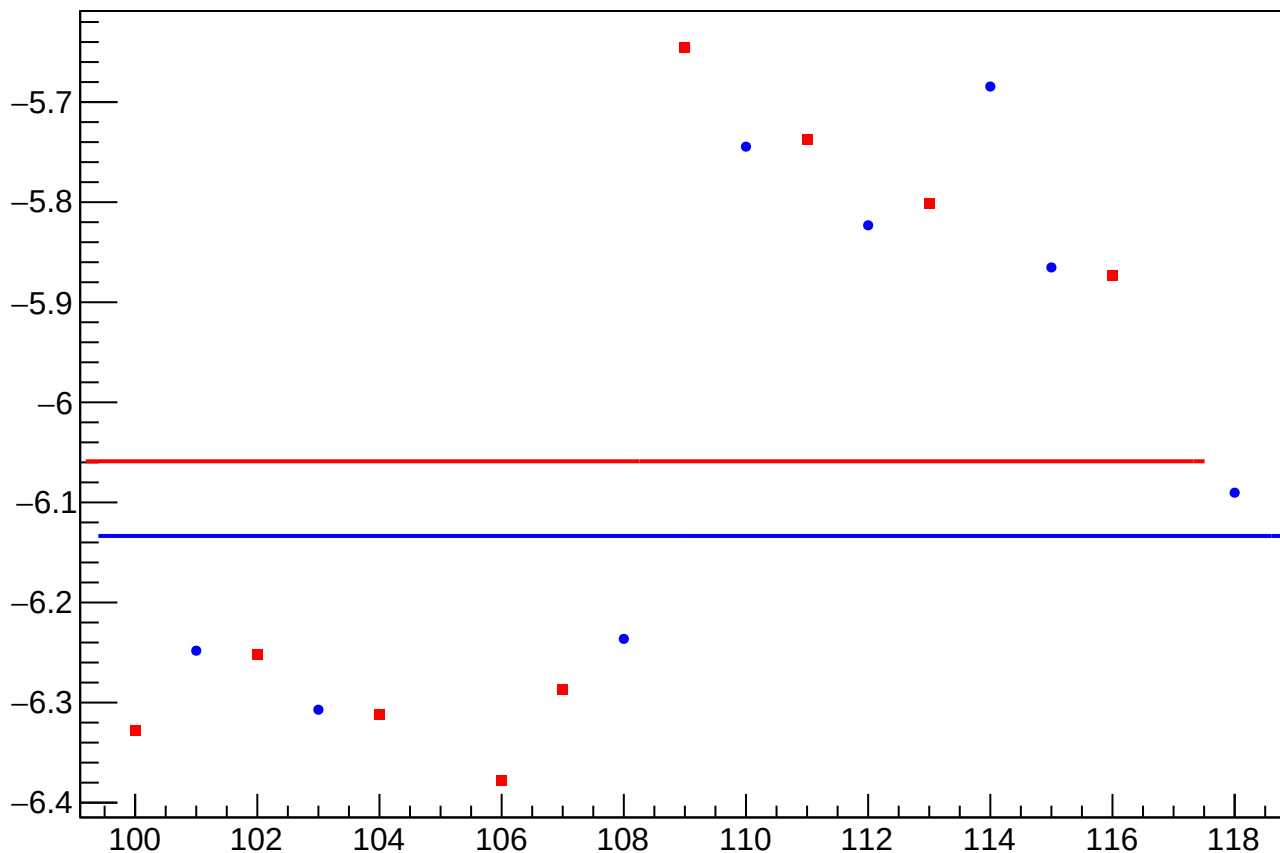
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 268416.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



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: -6.059+/-0.000 χ^2/NDF : 7829172025.0/8

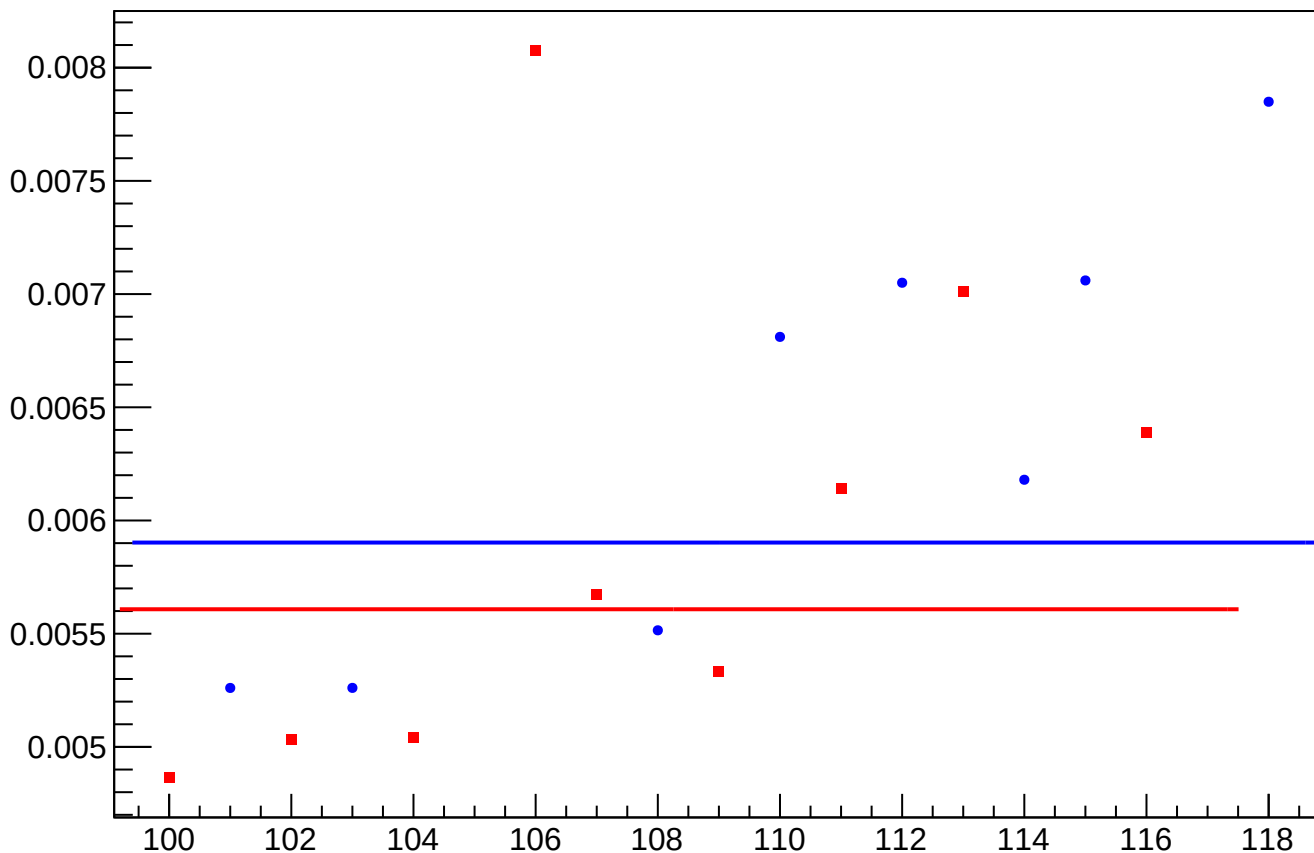
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.093+/-0.000 χ^2/NDF : 11736300459.7/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug



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 : 129532.9/8

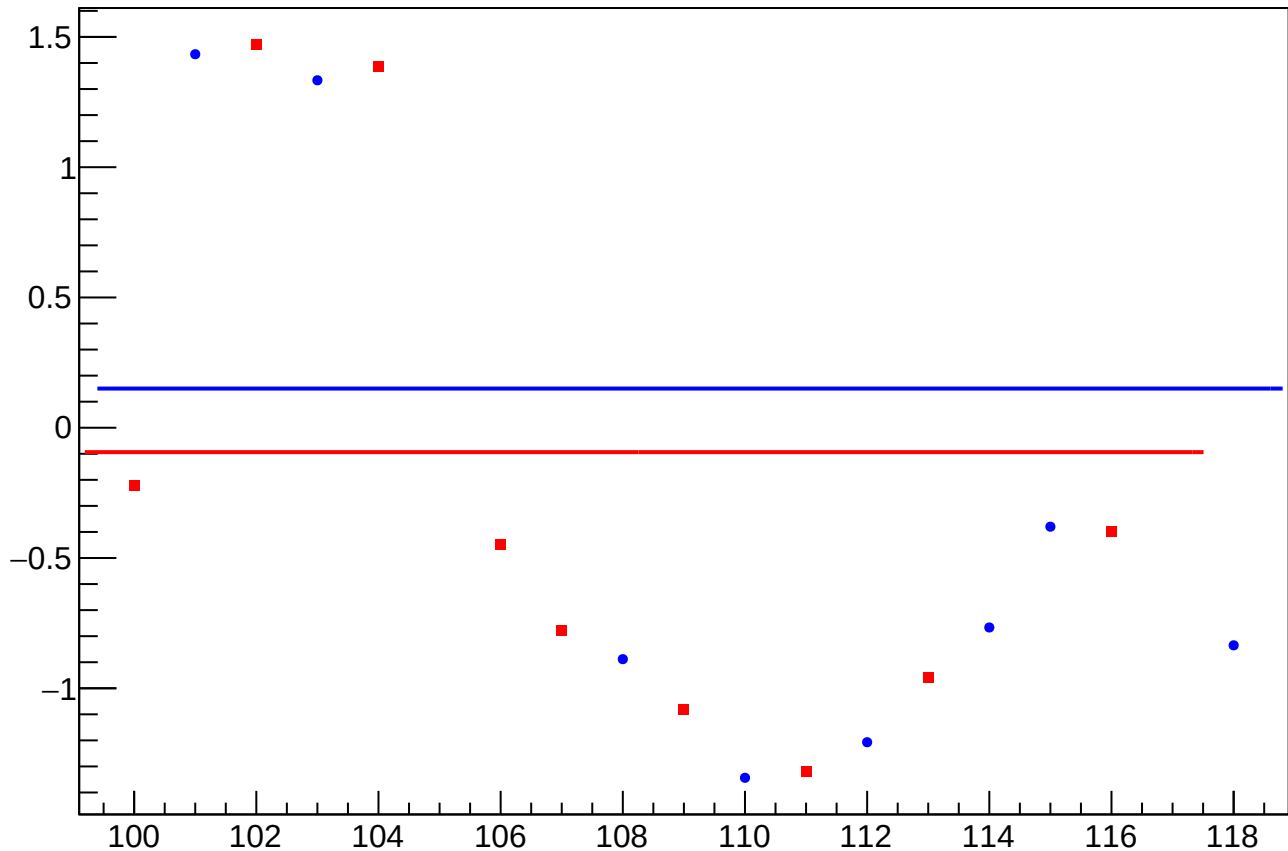
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 269002.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



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: -0.094+/-0.000 χ^2/NDF : 20619491794.4/8

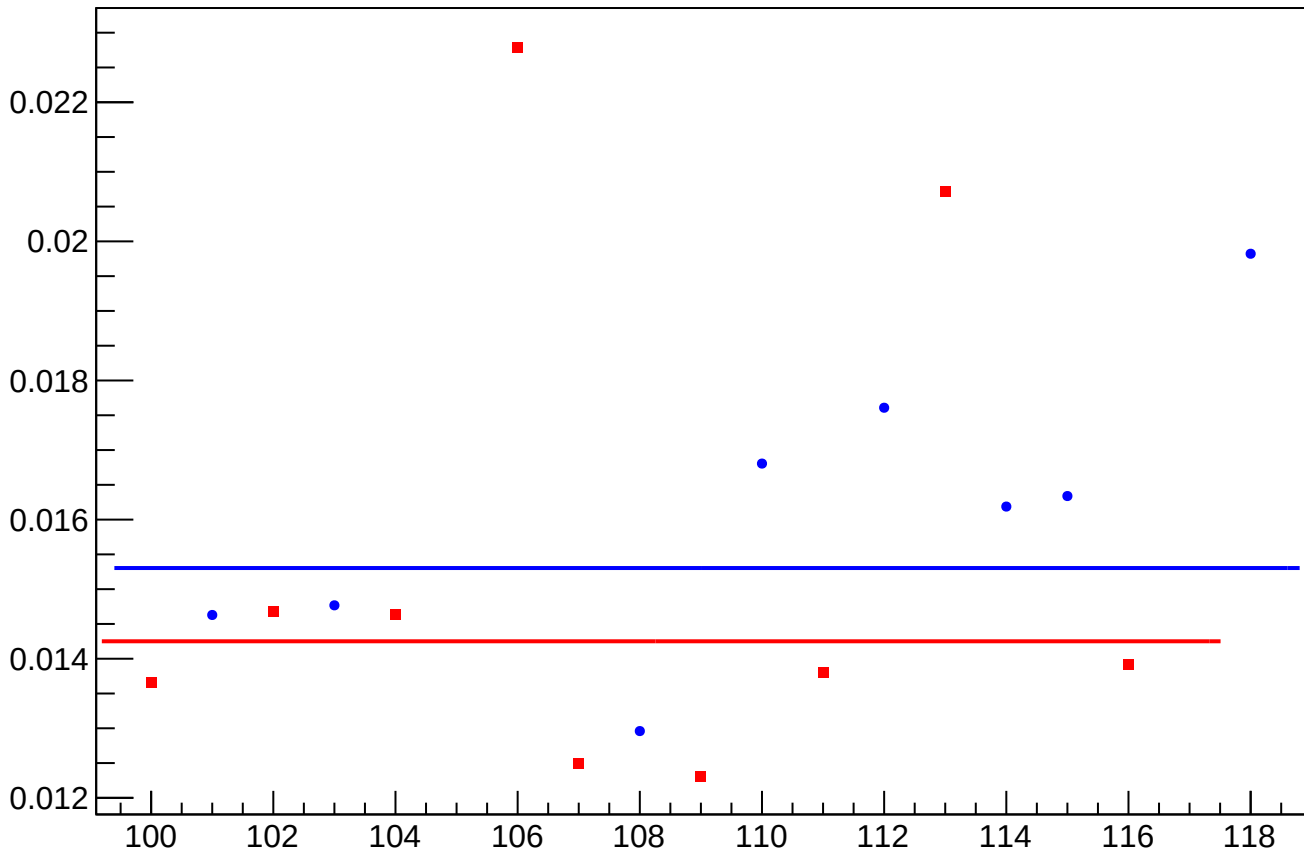
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 38119508154.2/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



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 : 160689.6/8

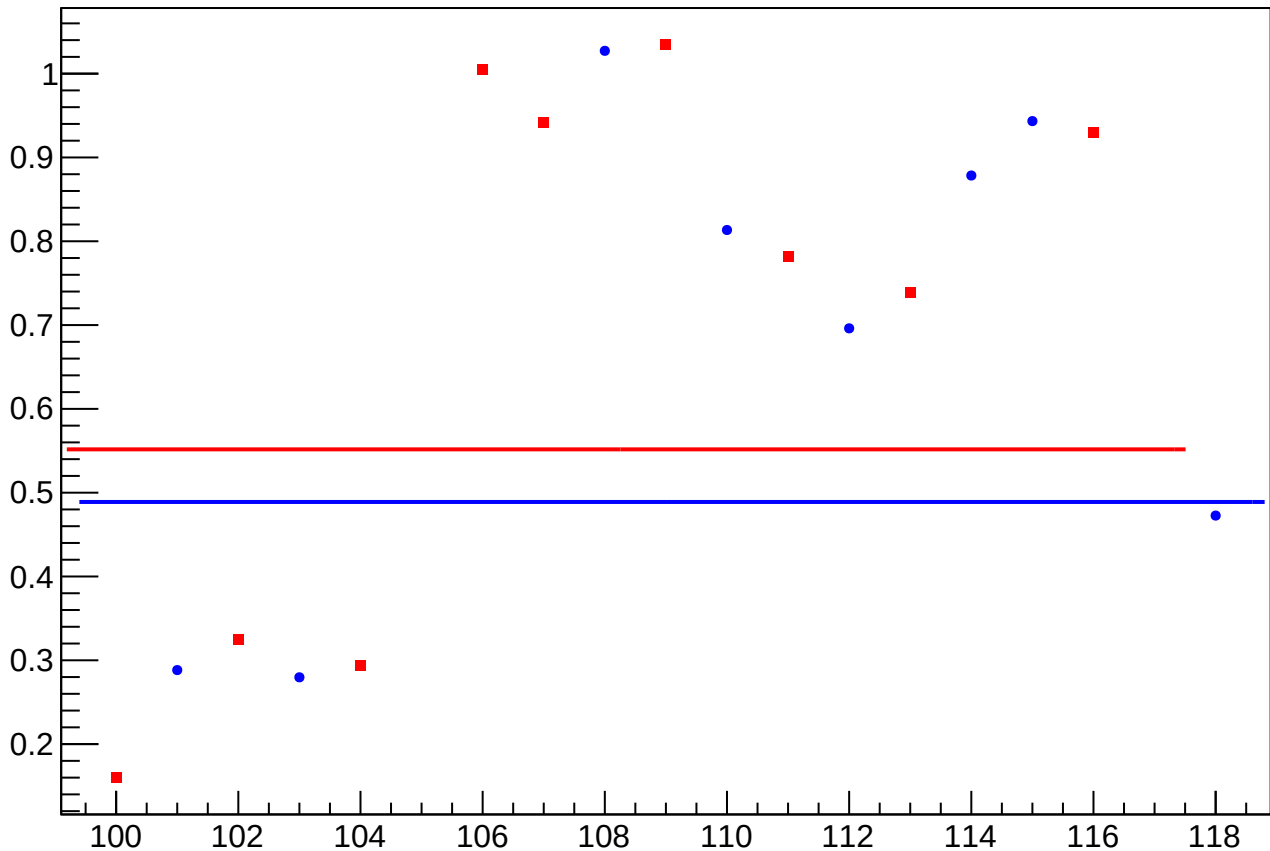
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 259071.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.489 $\pm$ 0.000 χ^2 /NDF: 3596685332.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

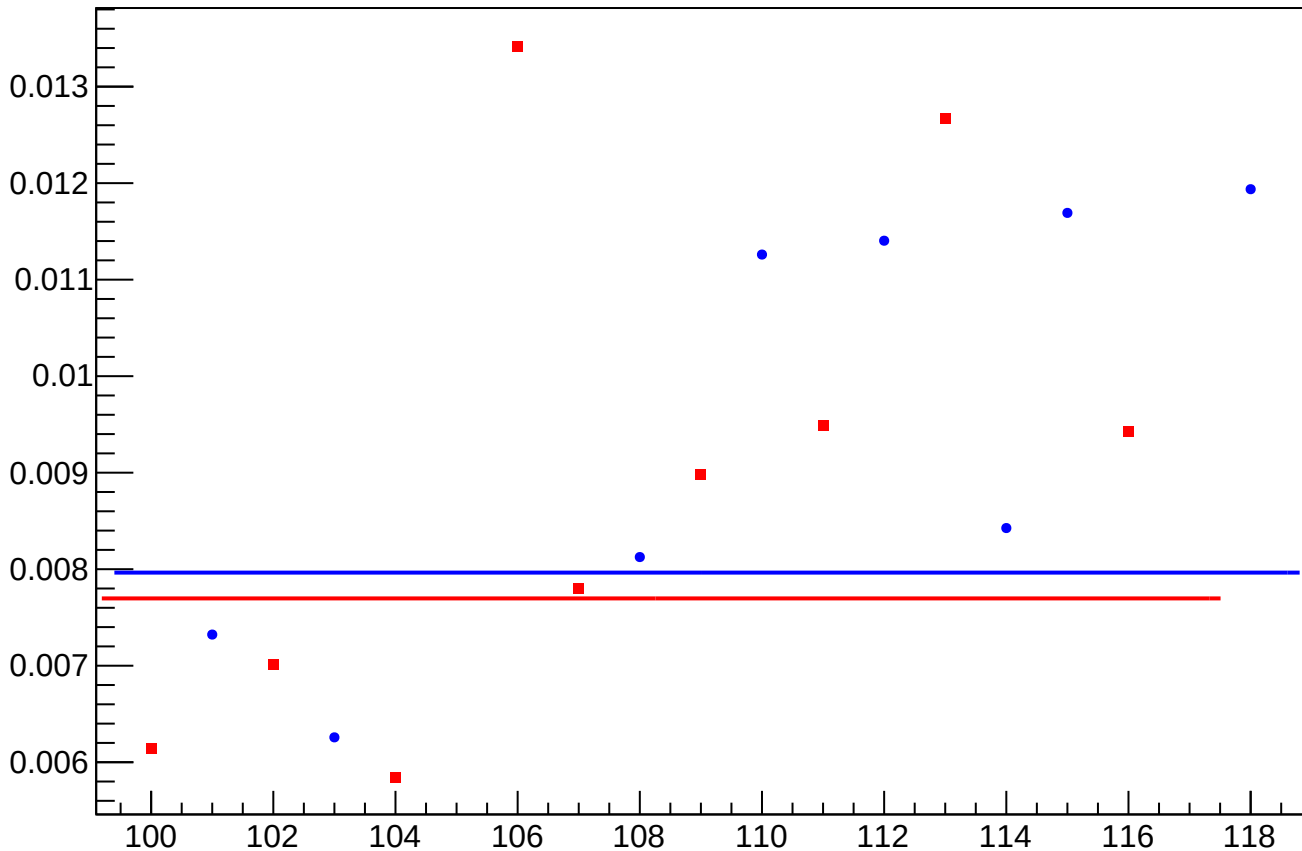
Right Out: 0.552 $\pm$ 0.000 χ^2 /NDF: 4789009174.1/8

All: 0.523 $\pm$ 0.000 χ^2 /NDF: 8475919088.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02Y_rms vs Slug



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 : 366588.1/8

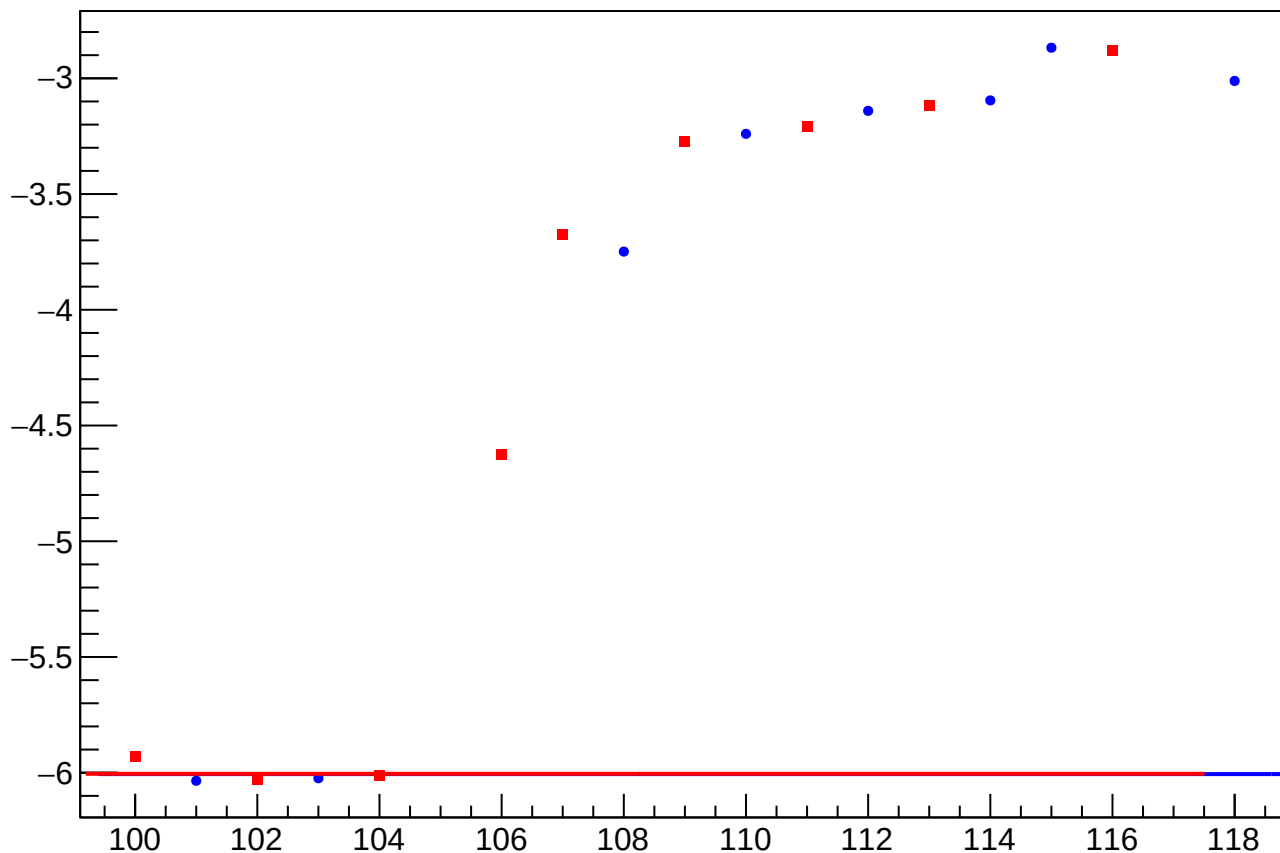
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 690887.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



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: -6.005+/-0.000 χ^2/NDF : 1683620518.8/8

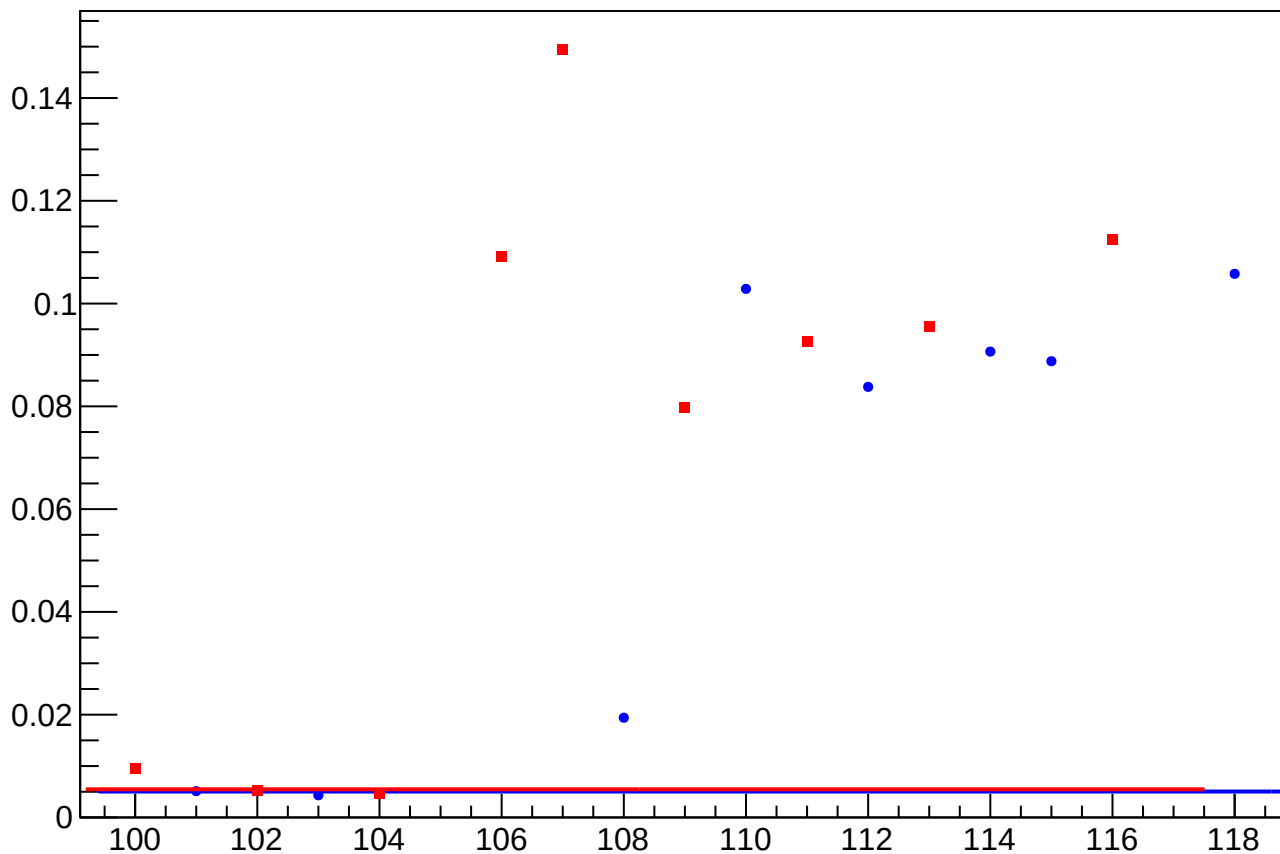
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.005+/-0.000 χ^2/NDF : 4618328406.3/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



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: 0.005+/-0.000 χ^2/NDF : 3838122.3/8

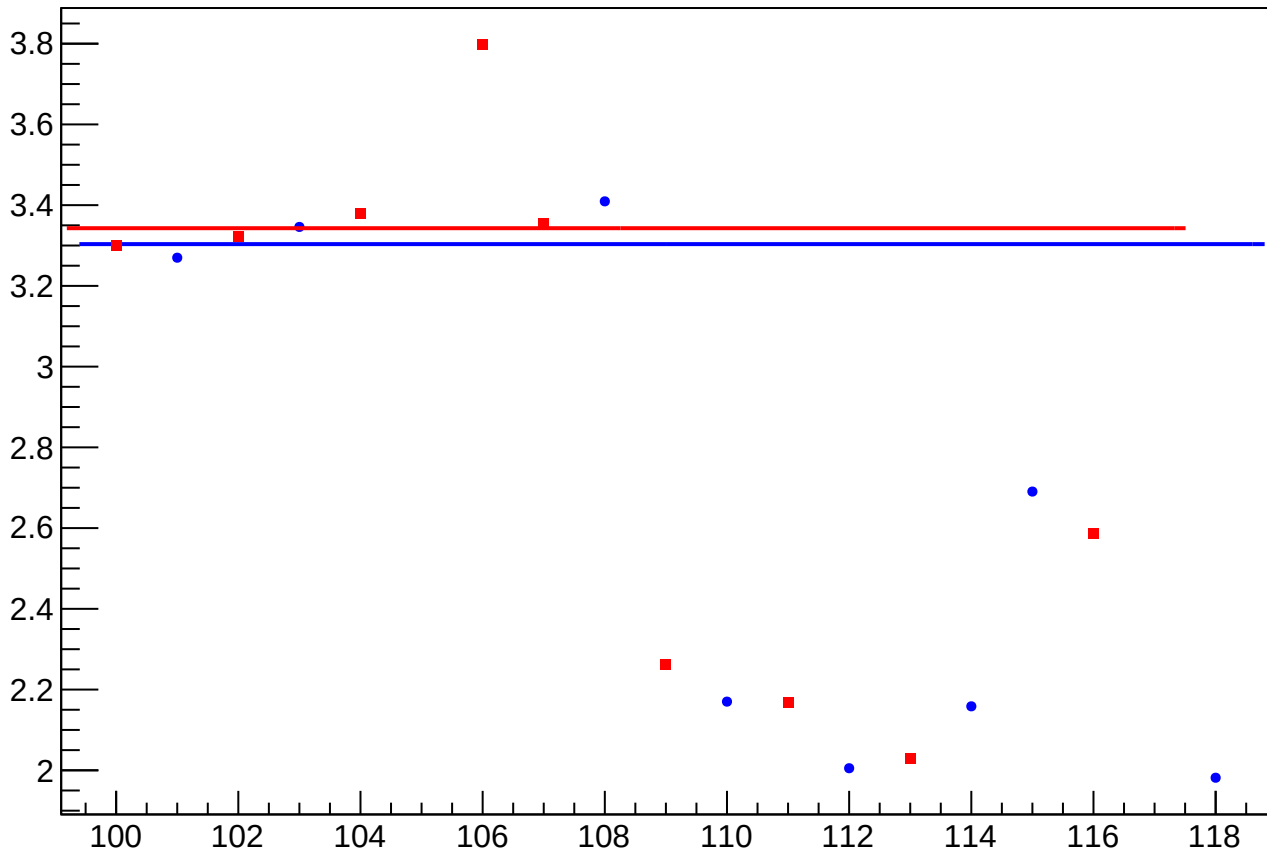
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 6773682.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.303 $\pm$ 0.000 χ^2 /NDF: 279983180.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.343 $\pm$ 0.000 χ^2 /NDF: 271411556.8/8

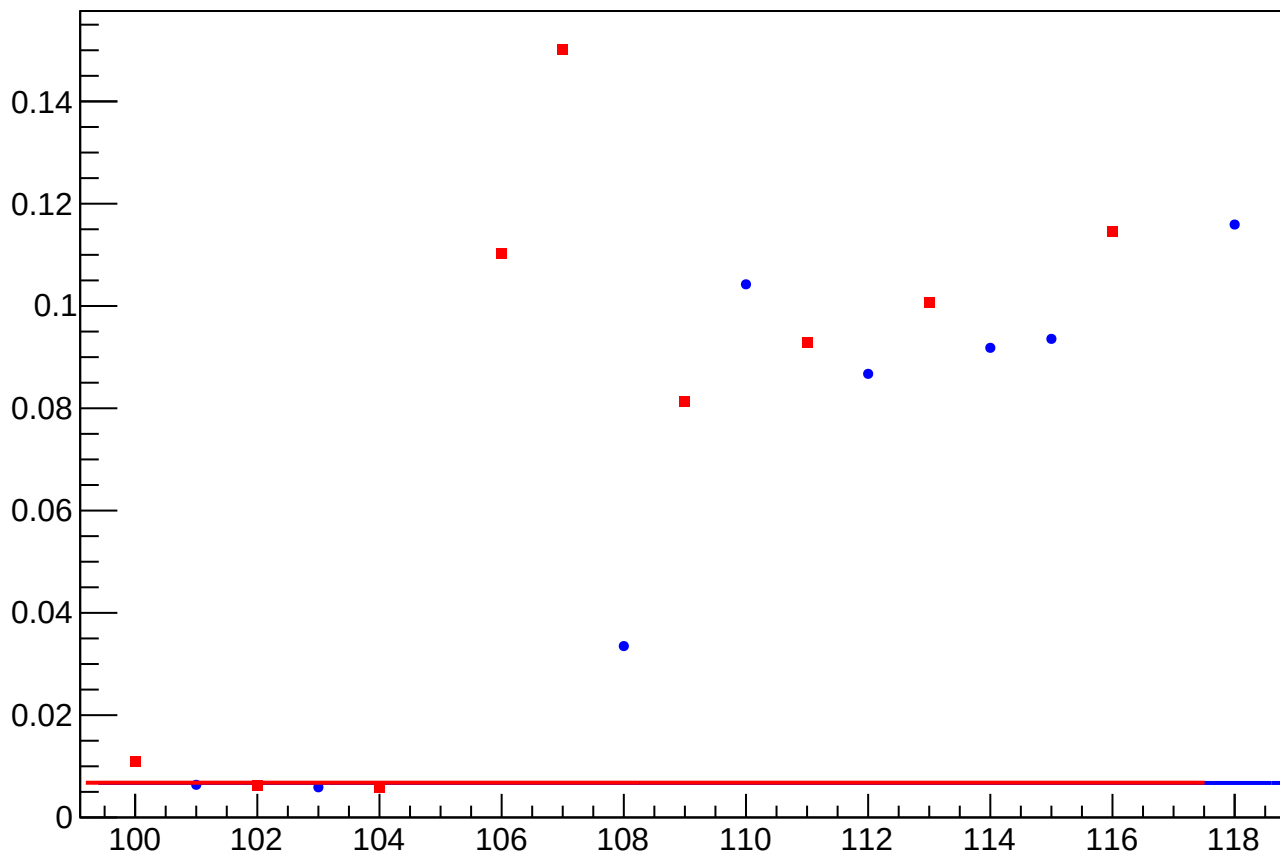
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.323 $\pm$ 0.000 χ^2 /NDF: 574227878.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03Y_rms vs Slug



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 : 3728914.1/8

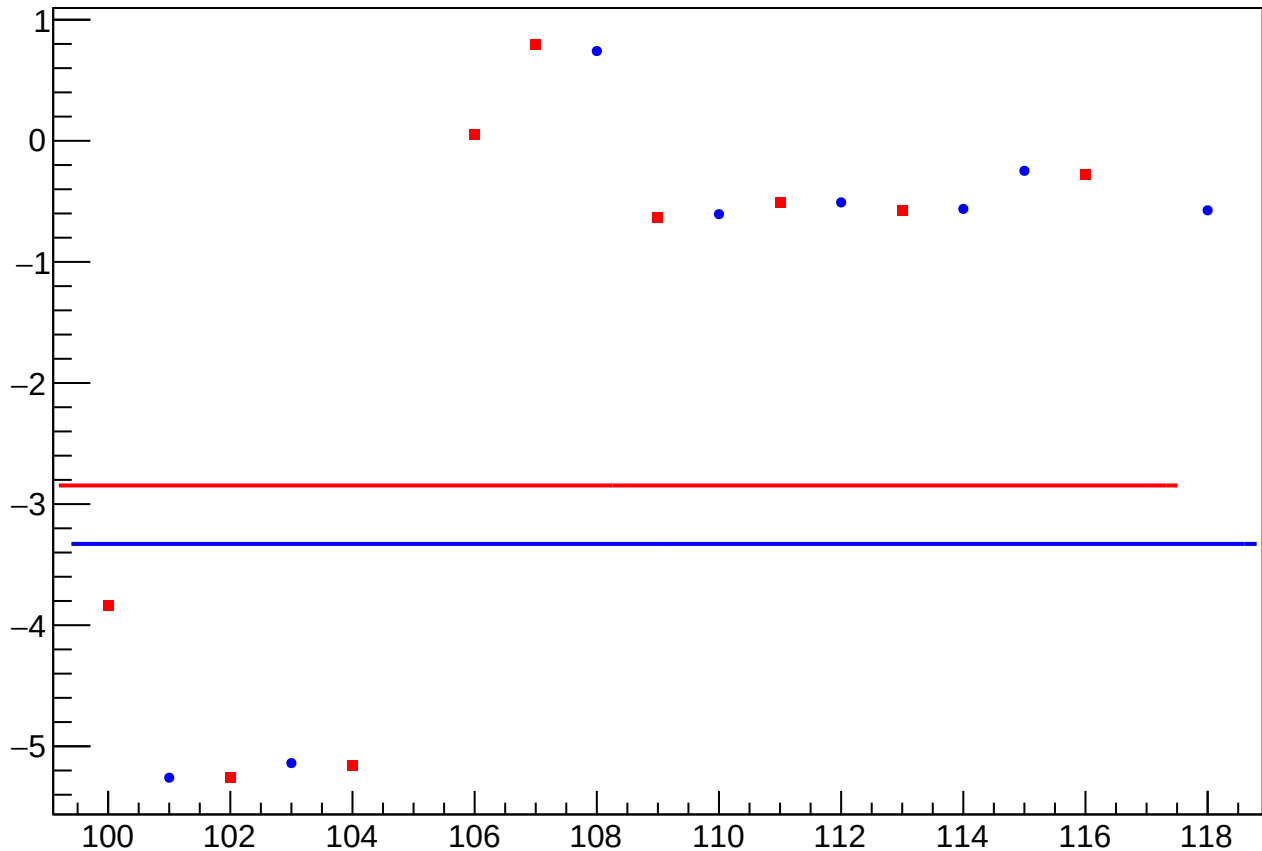
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6662969.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



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: -2.846+/-0.000 χ^2/NDF : 97512306157.6/8

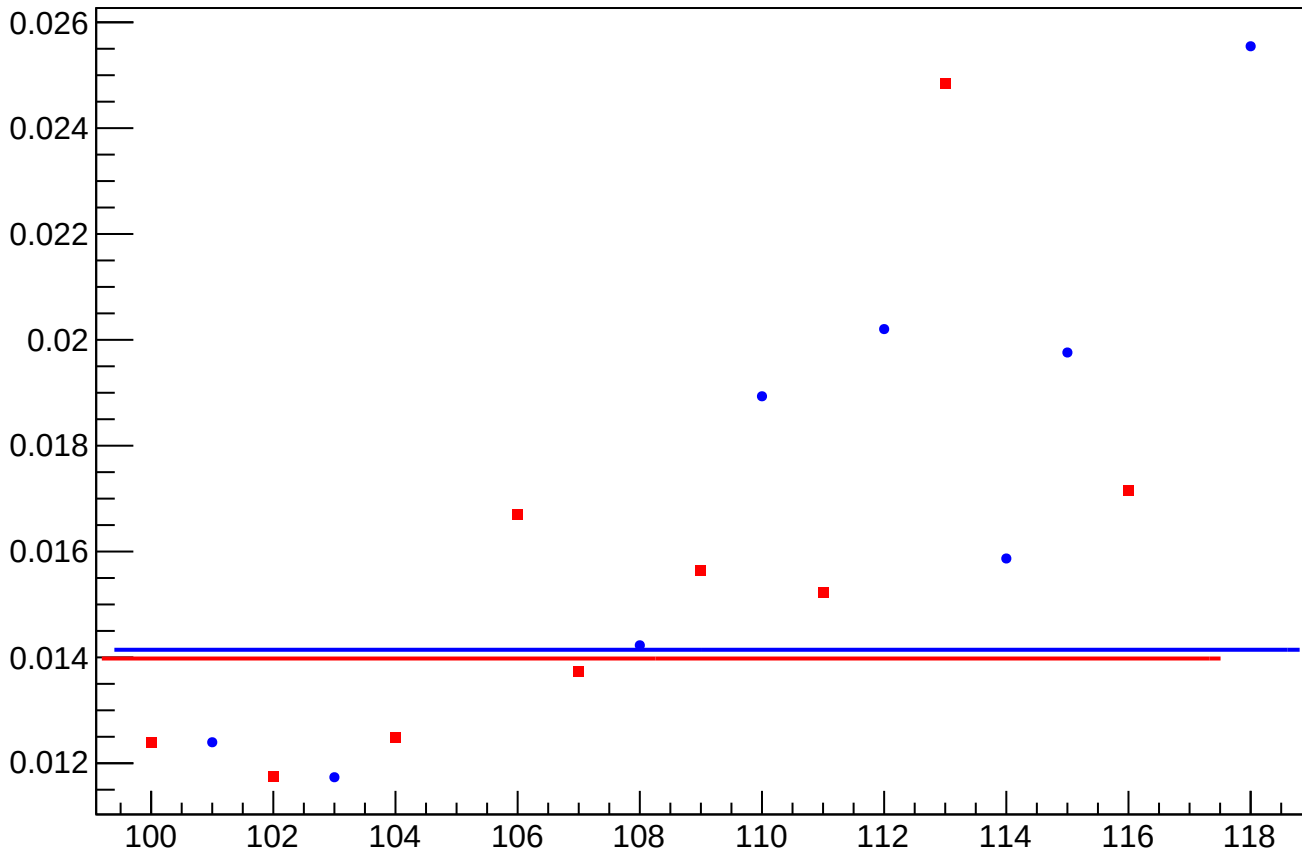
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.068+/-0.000 χ^2/NDF : 183286354946.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



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 : 232293.3/8

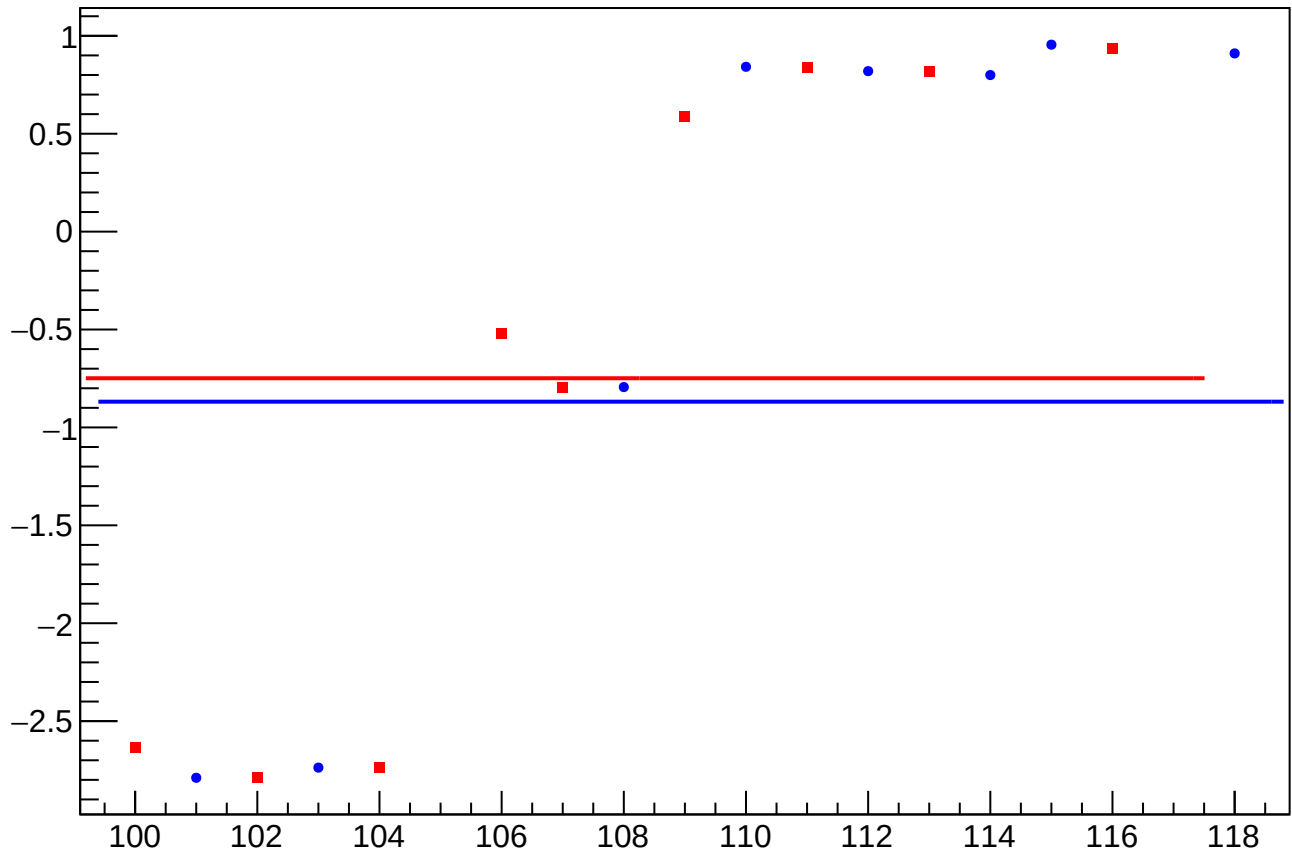
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 571112.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



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: -0.749+/-0.000 χ^2/NDF : 633147878041.7/8

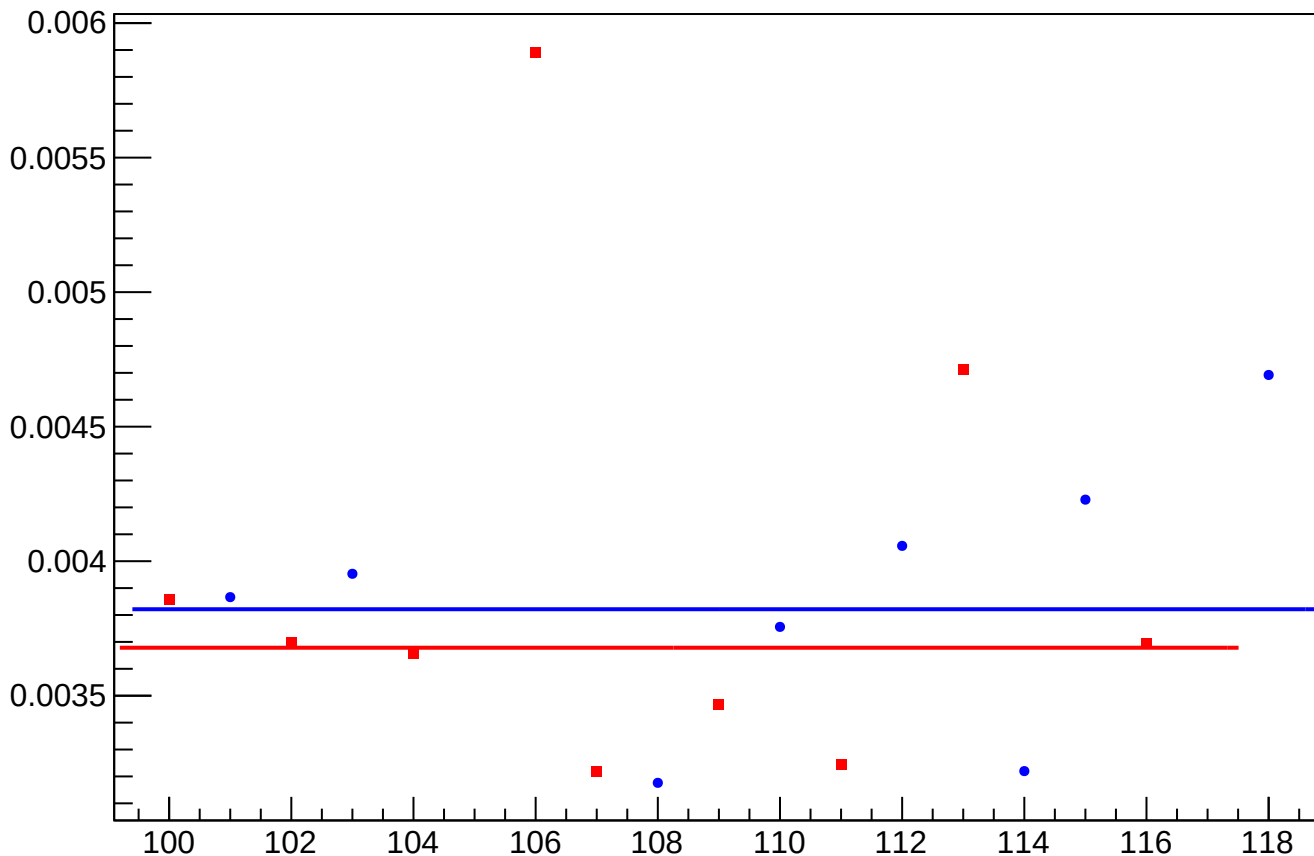
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.804+/-0.000 χ^2/NDF : 1182803168564

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 77755.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 147131.3/8

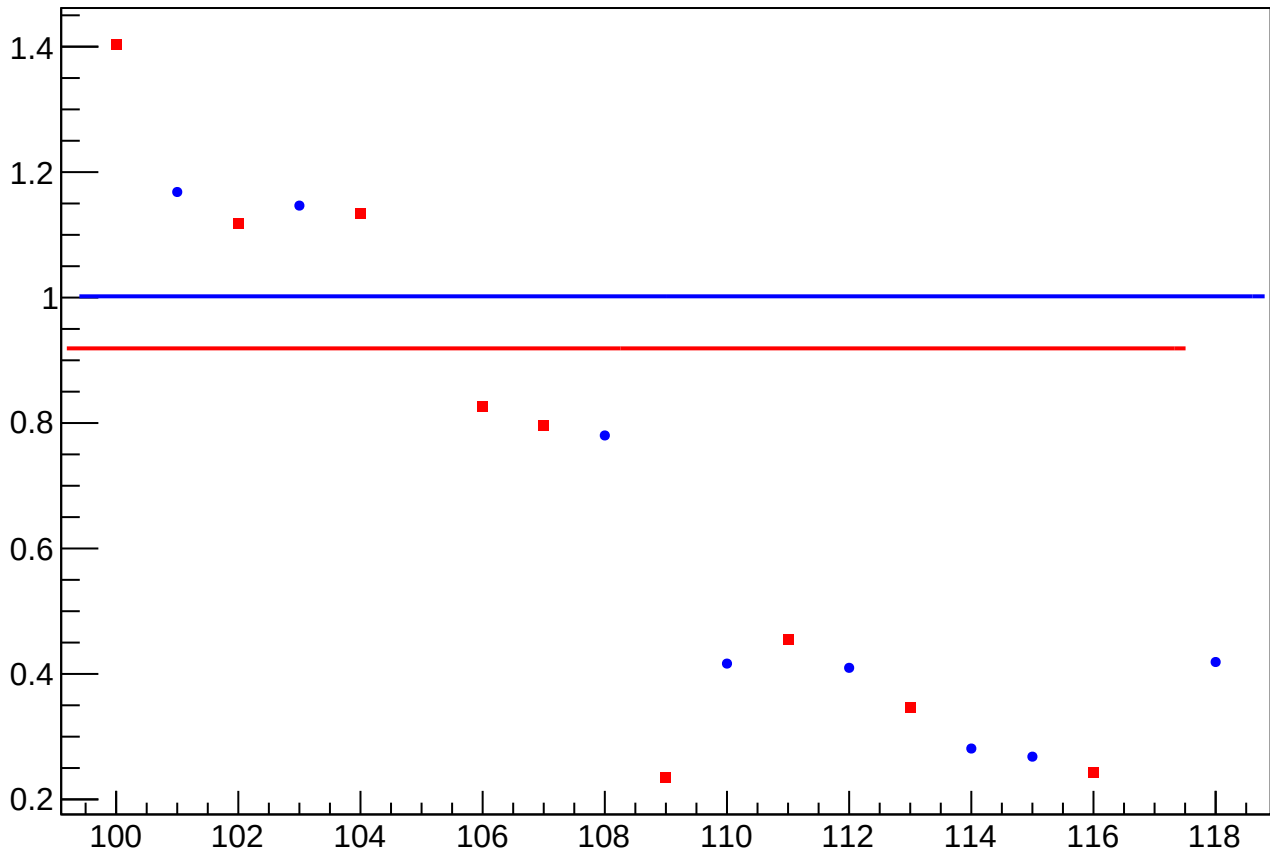
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 229421.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 1.002 $\pm$ 0.000 χ^2 /NDF: 7880353842.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.919 $\pm$ 0.000 χ^2 /NDF: 12116955117.5/8

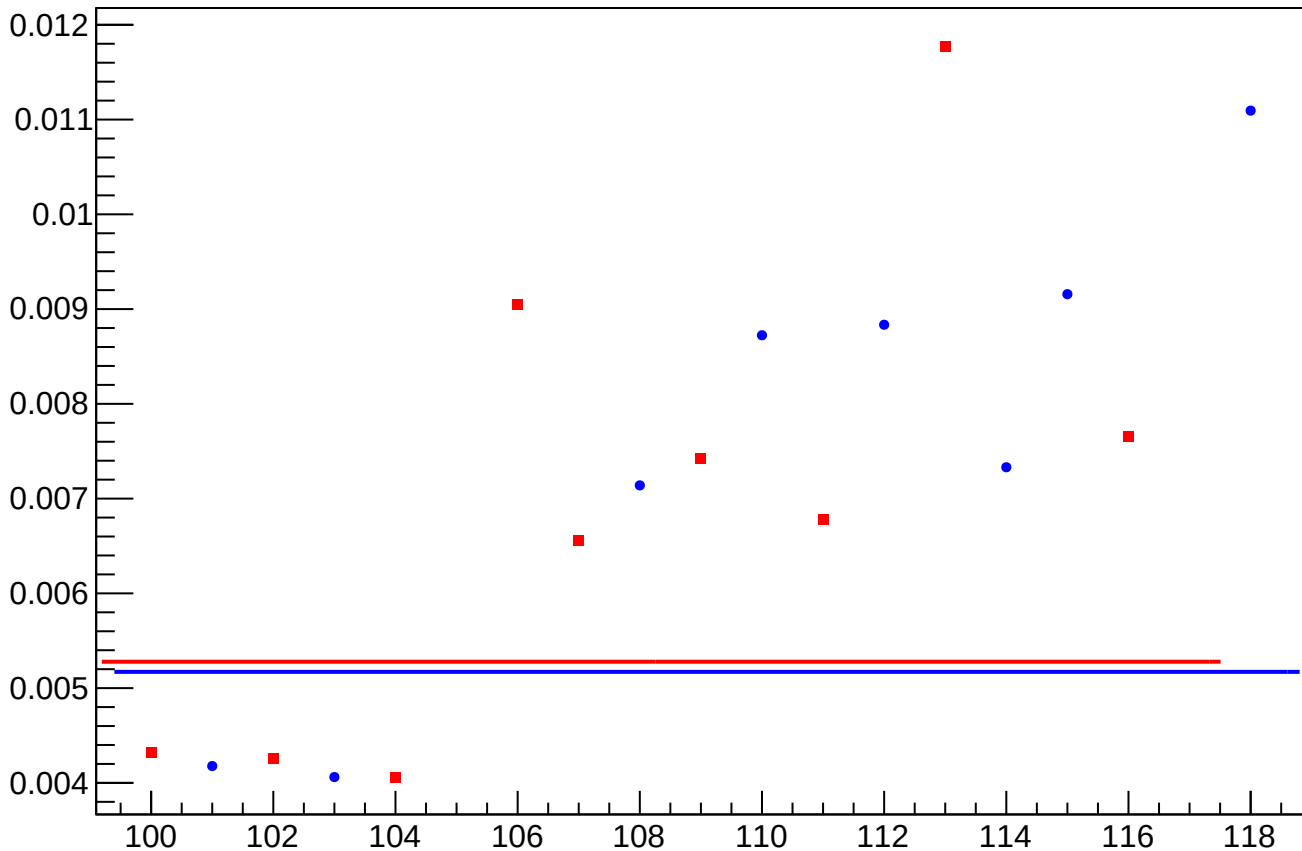
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.959 $\pm$ 0.000 χ^2 /NDF: 20330215120.9/1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_rms vs Slug



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 : 636662.8/8

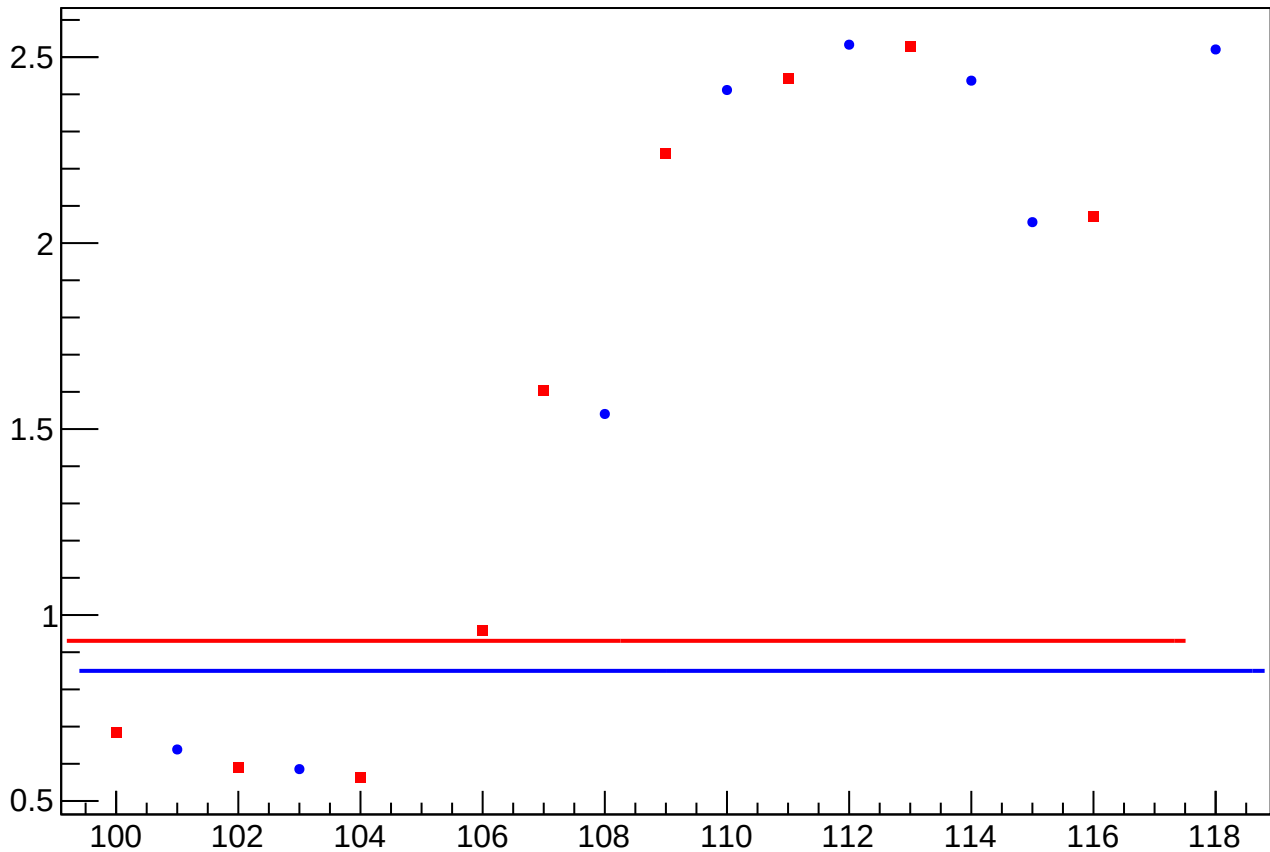
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1361827.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 0.850+/-0.000 χ^2/NDF : 34522522465.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.931+/-0.000 χ^2/NDF : 51352228387.8/8

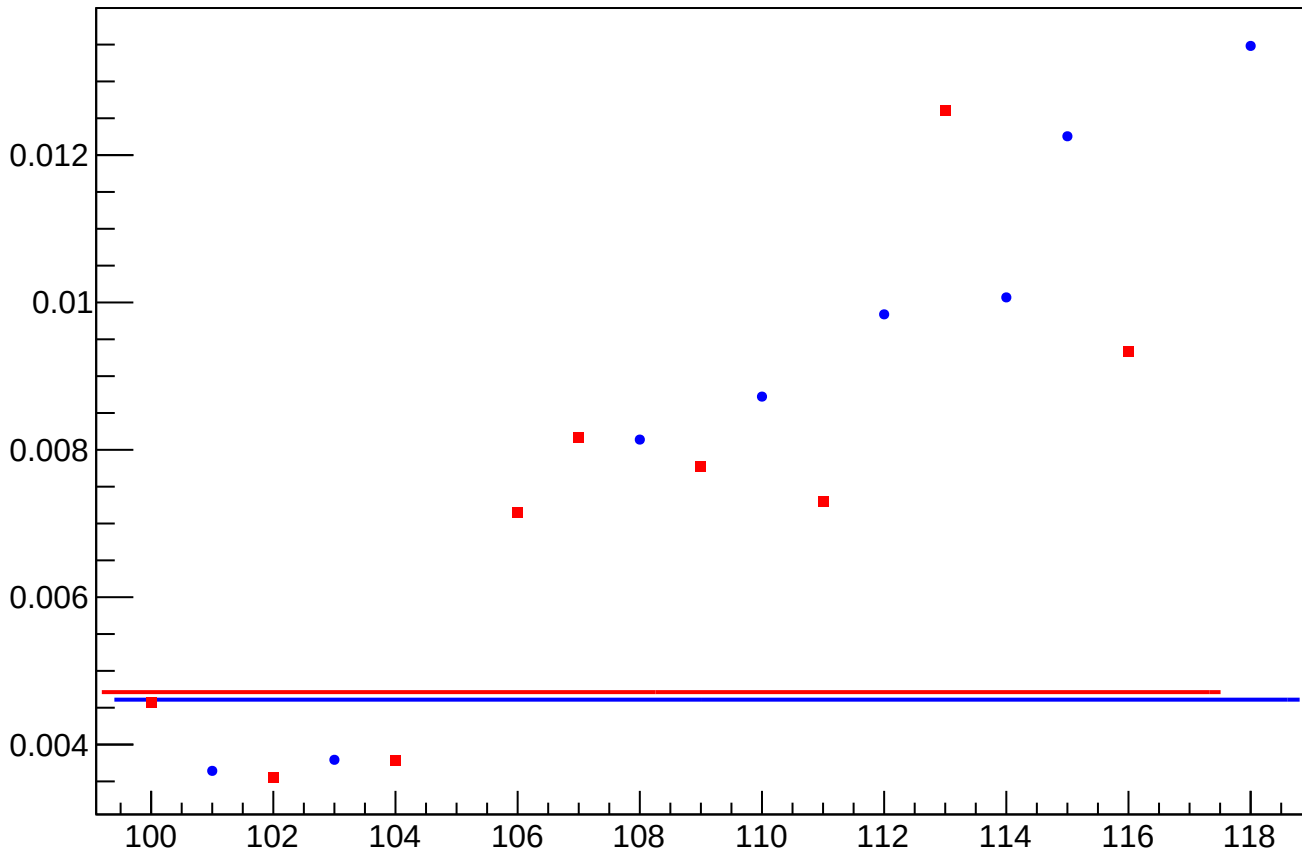
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.892+/-0.000 χ^2/NDF : 86229113583.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug



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 : 881017.0/8

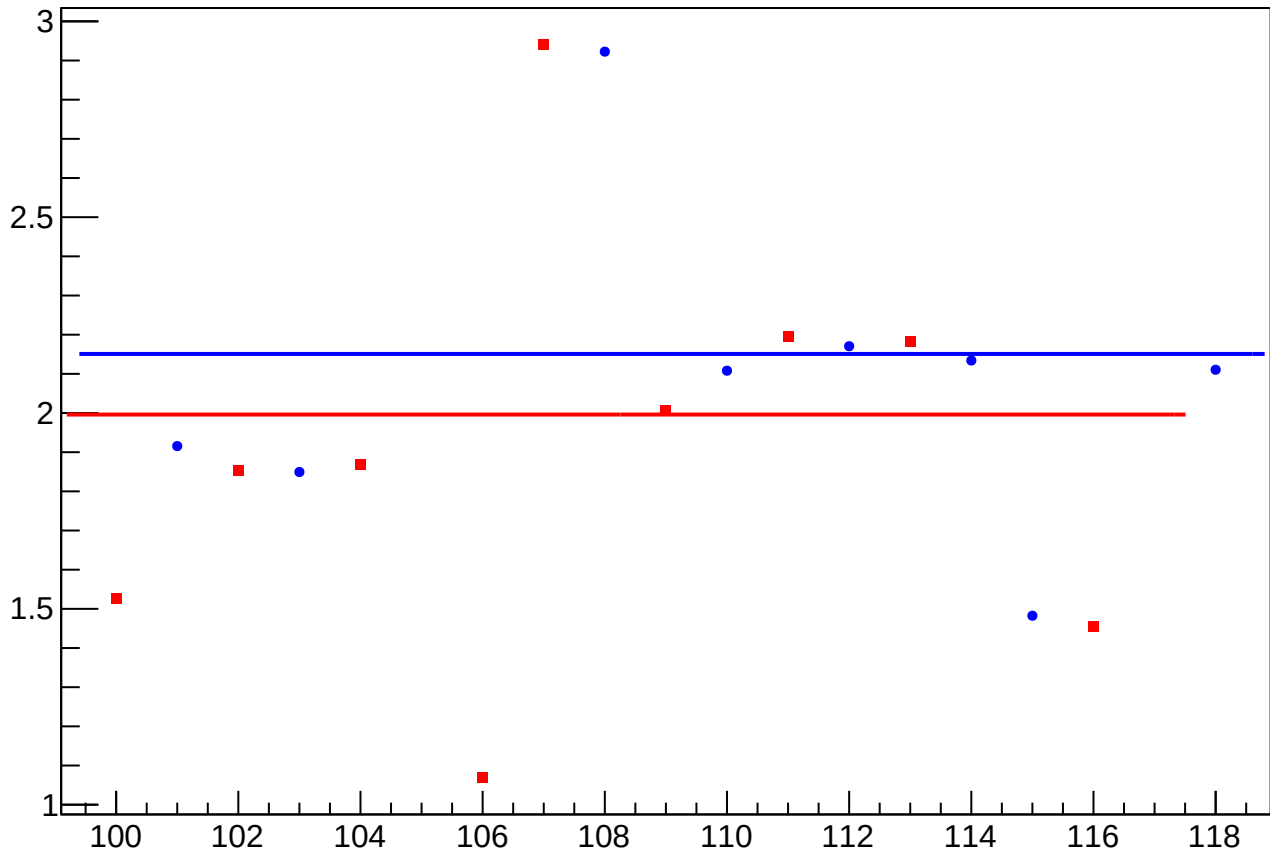
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1881398.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.151+/-0.000 χ^2/NDF : 9001975643.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.996+/-0.000 χ^2/NDF : 13131088252.6/8

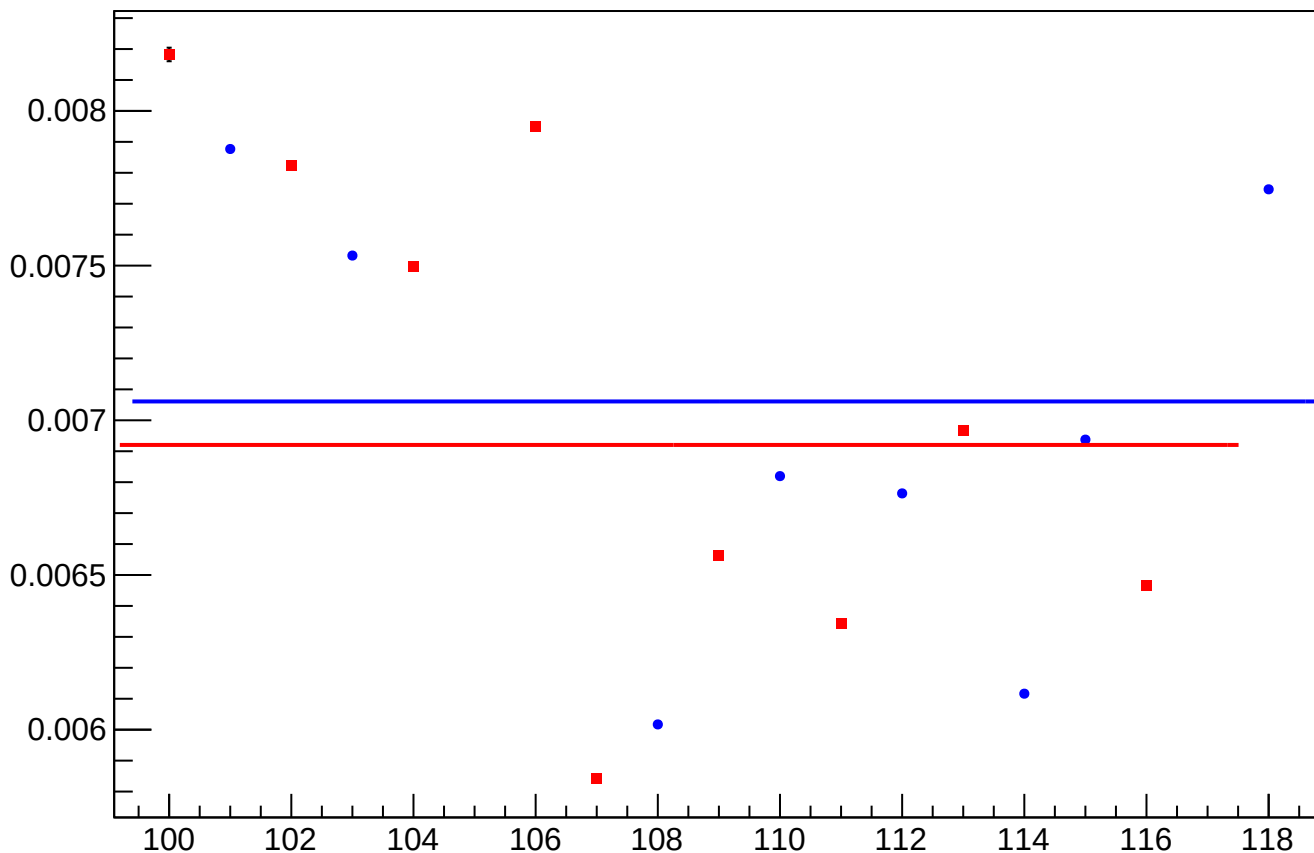
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.069+/-0.000 χ^2/NDF : 22918574527.5/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug



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 : 64420.2/8

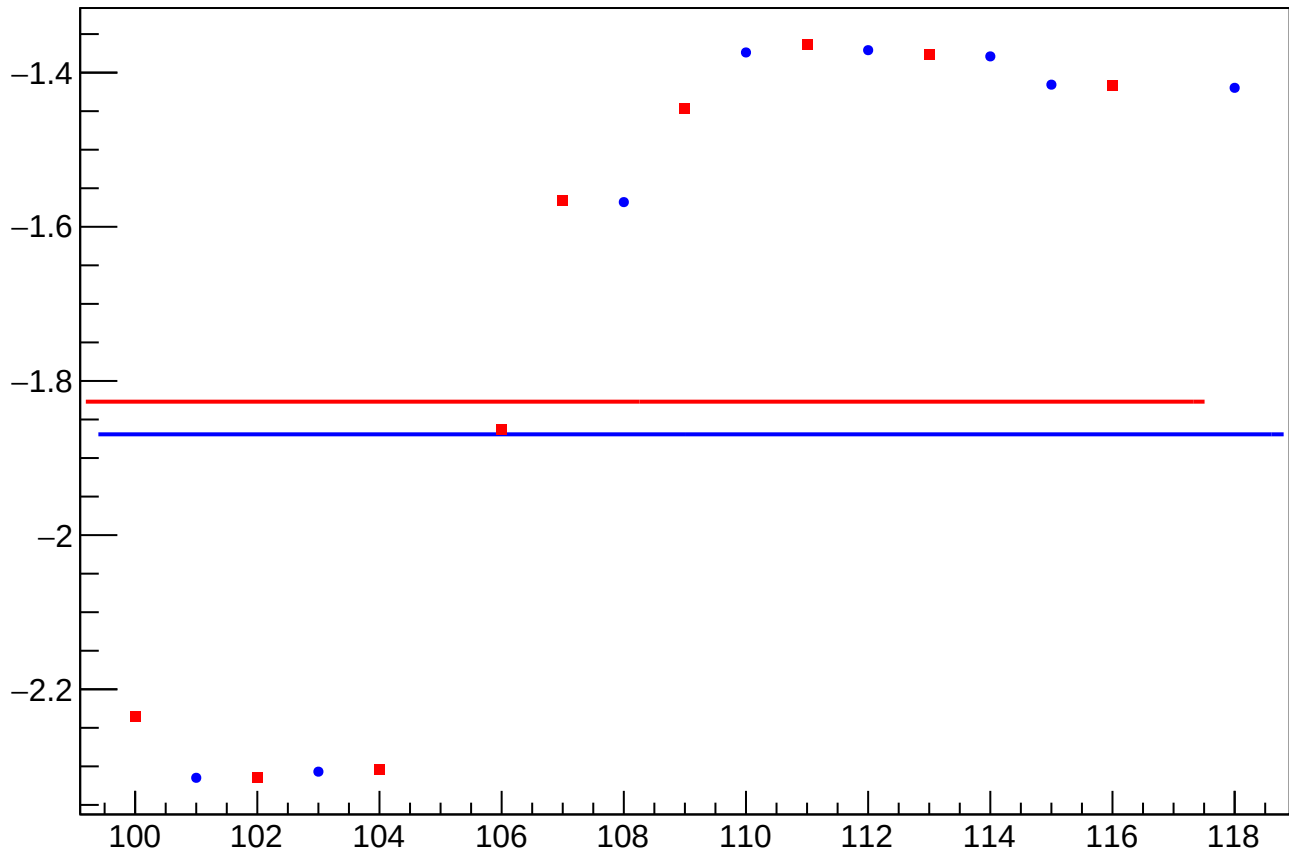
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 121981.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.869+/-0.000 χ^2/NDF : 82003059099.2/7

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.827+/-0.000 χ^2/NDF : 87448061422.8/8

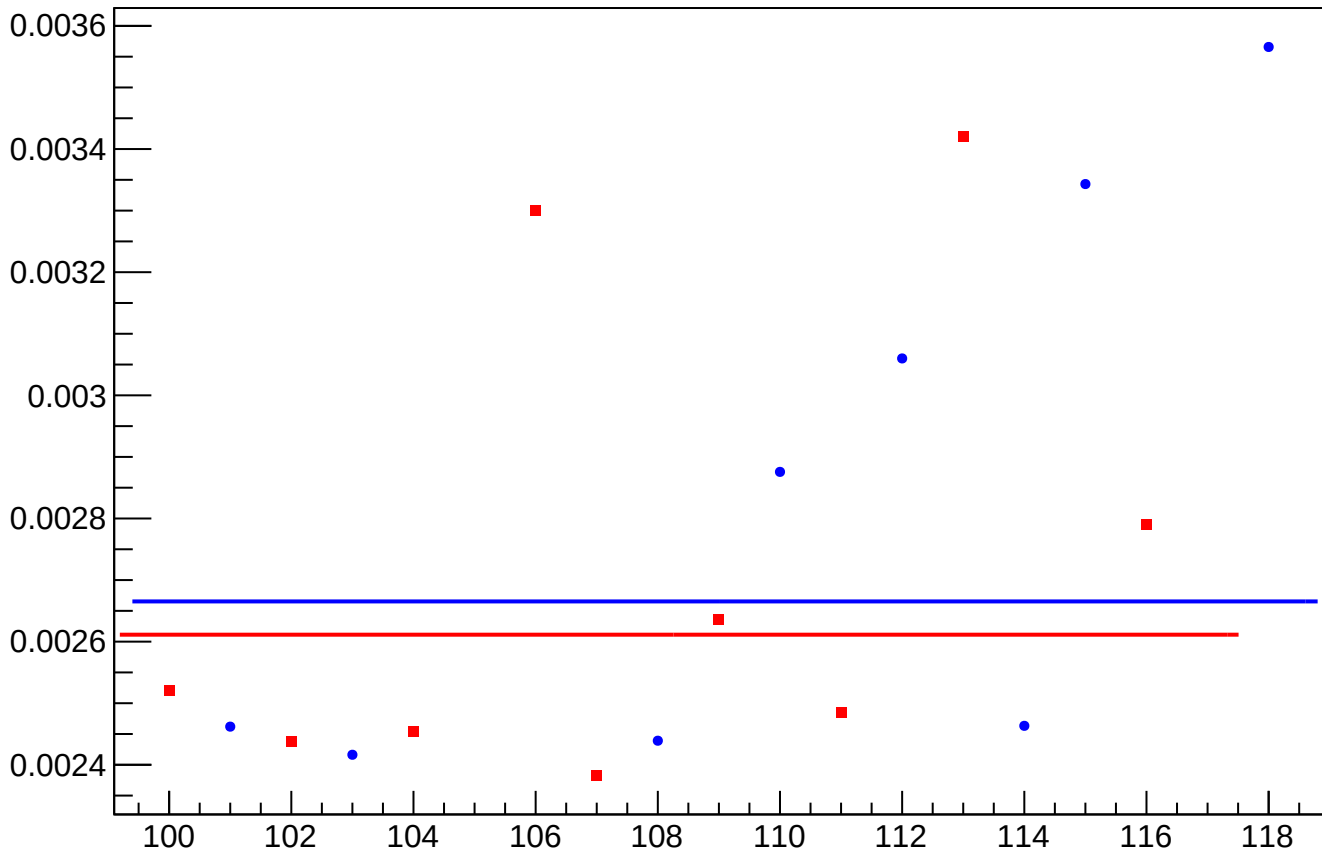
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.847+/-0.000 χ^2/NDF : 169856291819.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



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 : 87987.2/8

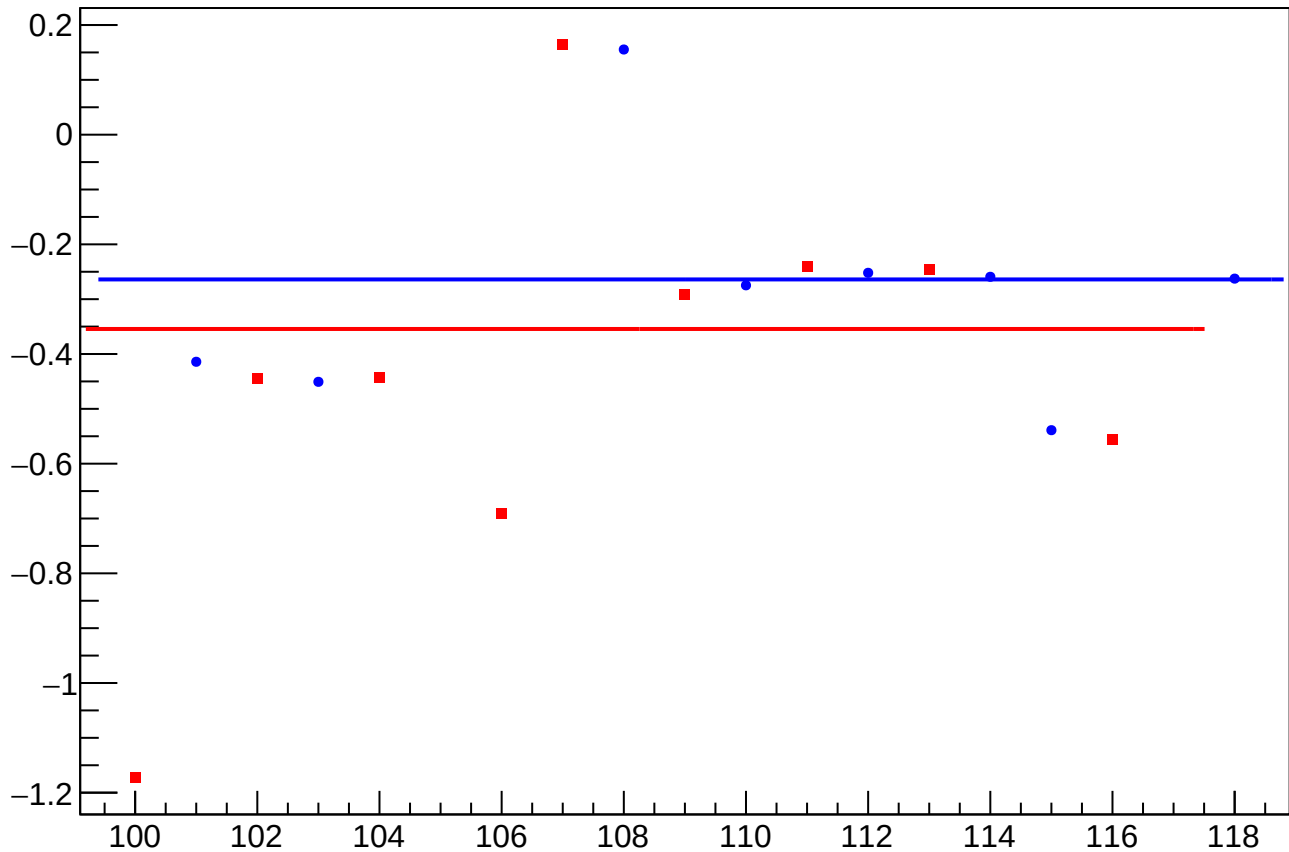
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 205141.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



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: -0.354+/-0.000 χ^2/NDF : 1525241025.6/8

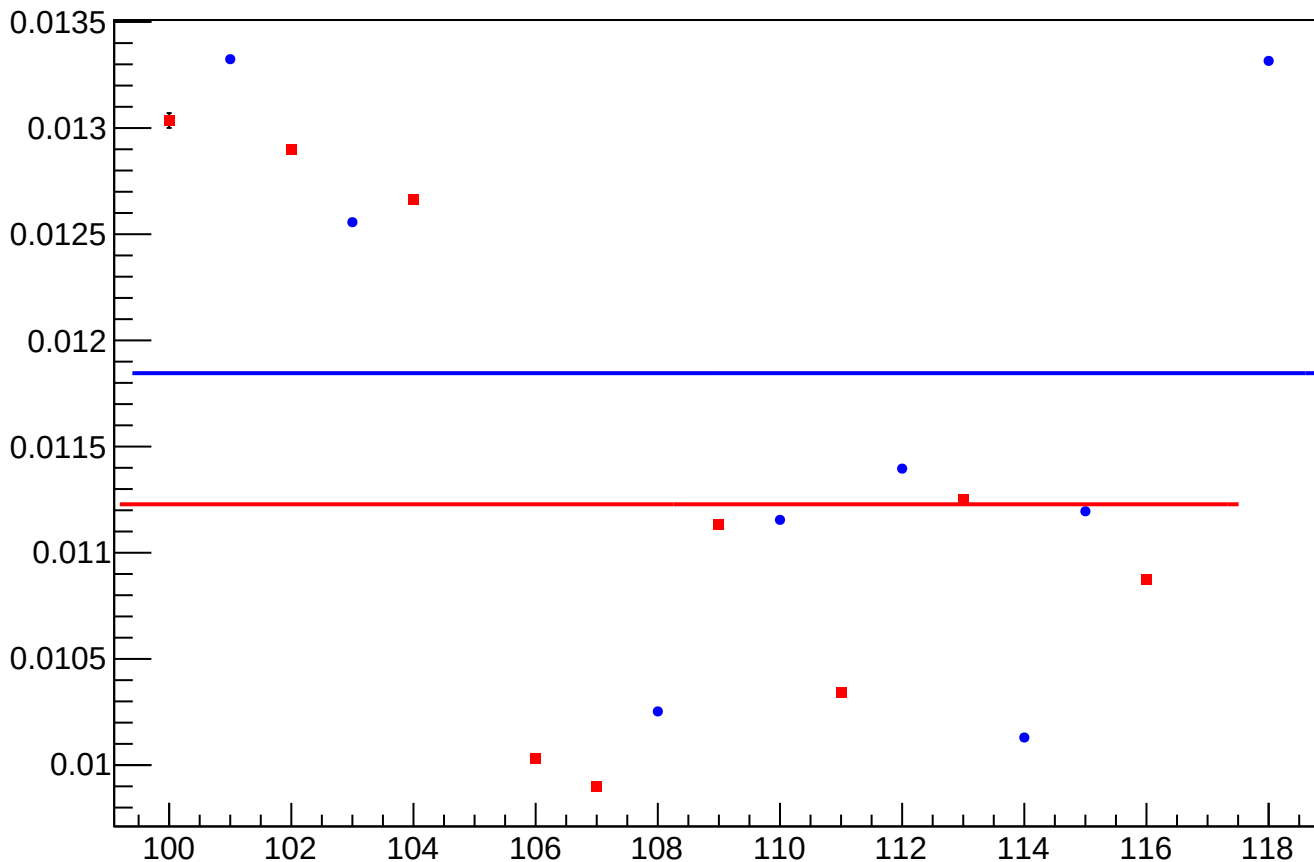
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.313+/-0.000 χ^2/NDF : 2568894733.9/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 61991.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 61256.6/8

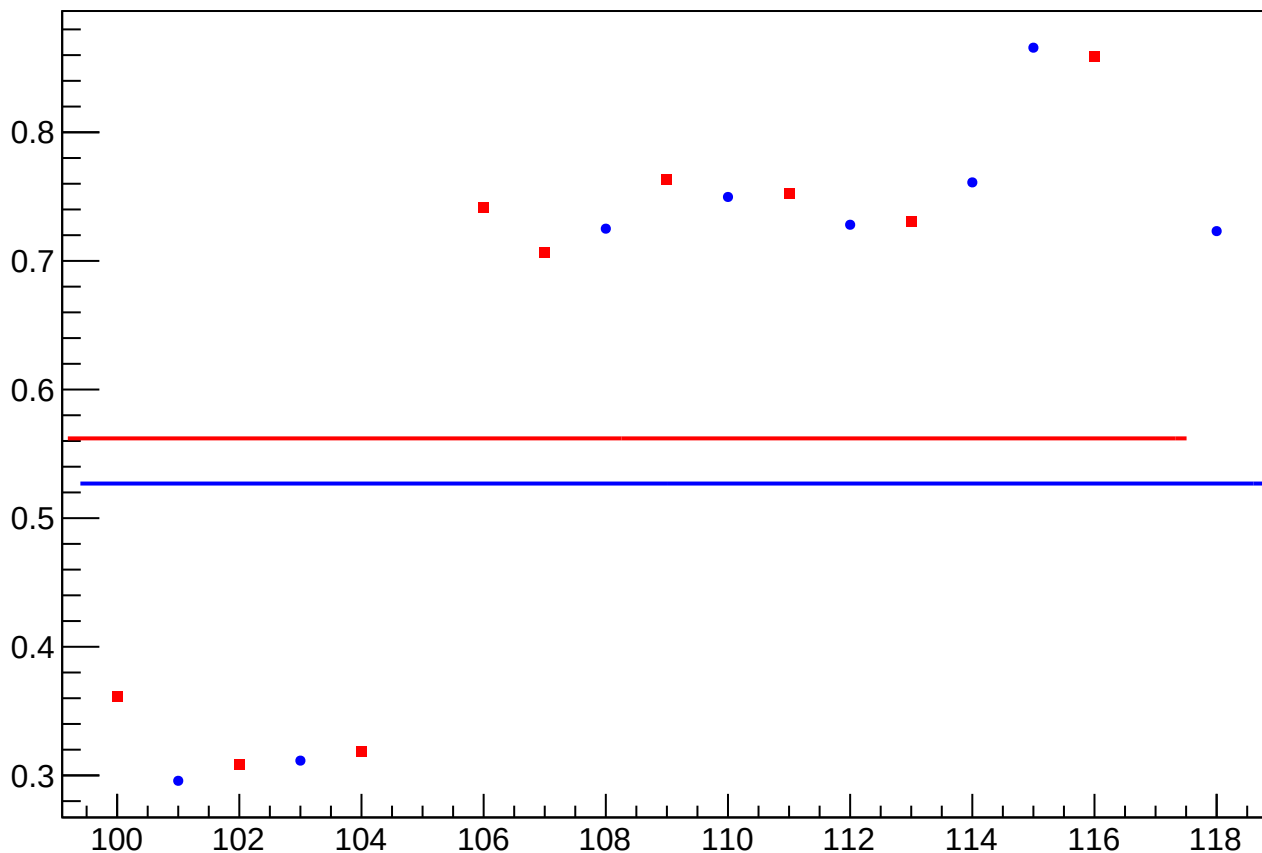
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 132638.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07Y_mean vs Slug



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: 0.562+/-0.000 χ^2/NDF : 23107291474.1/8

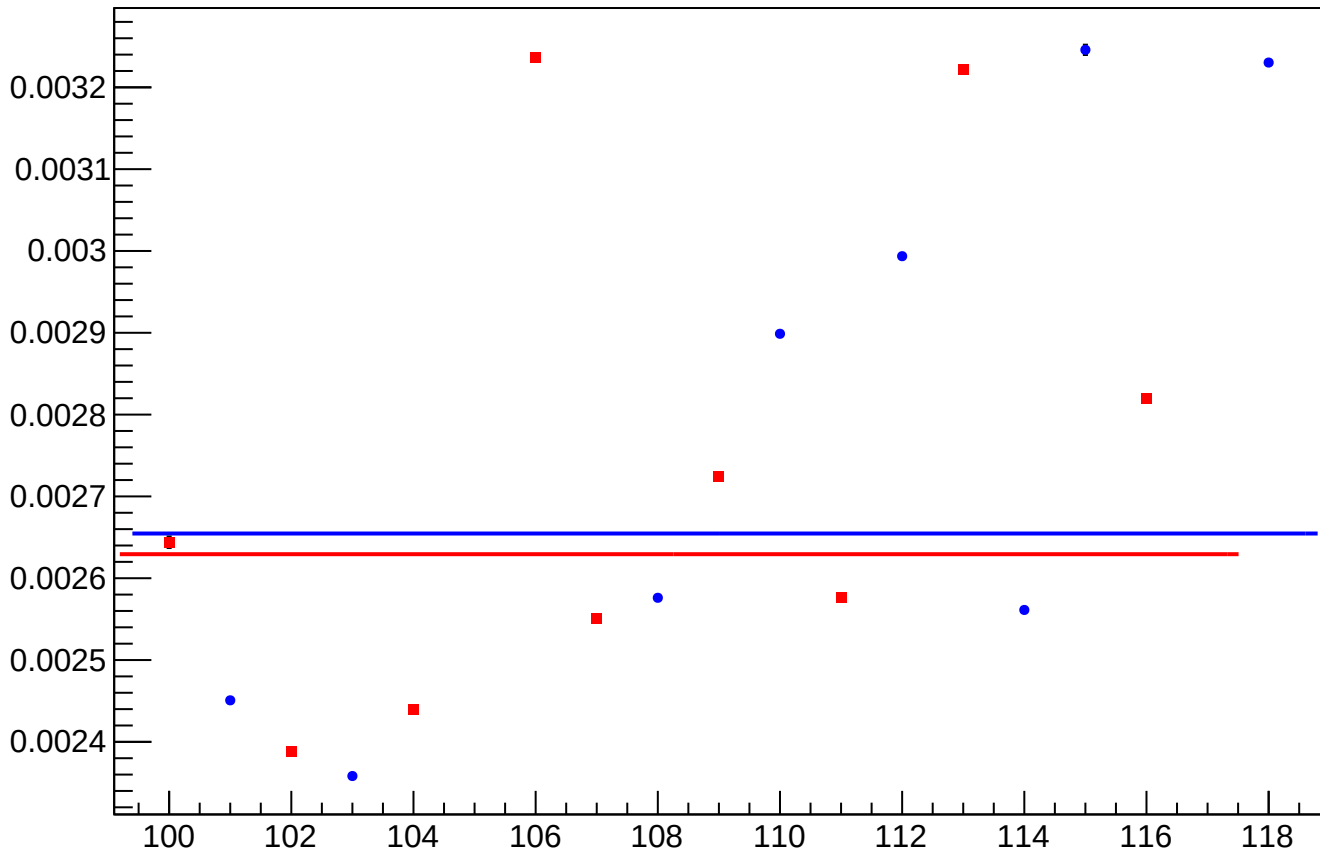
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.545+/-0.000 χ^2/NDF : 44475651658.7/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug



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 : 67907.1/8

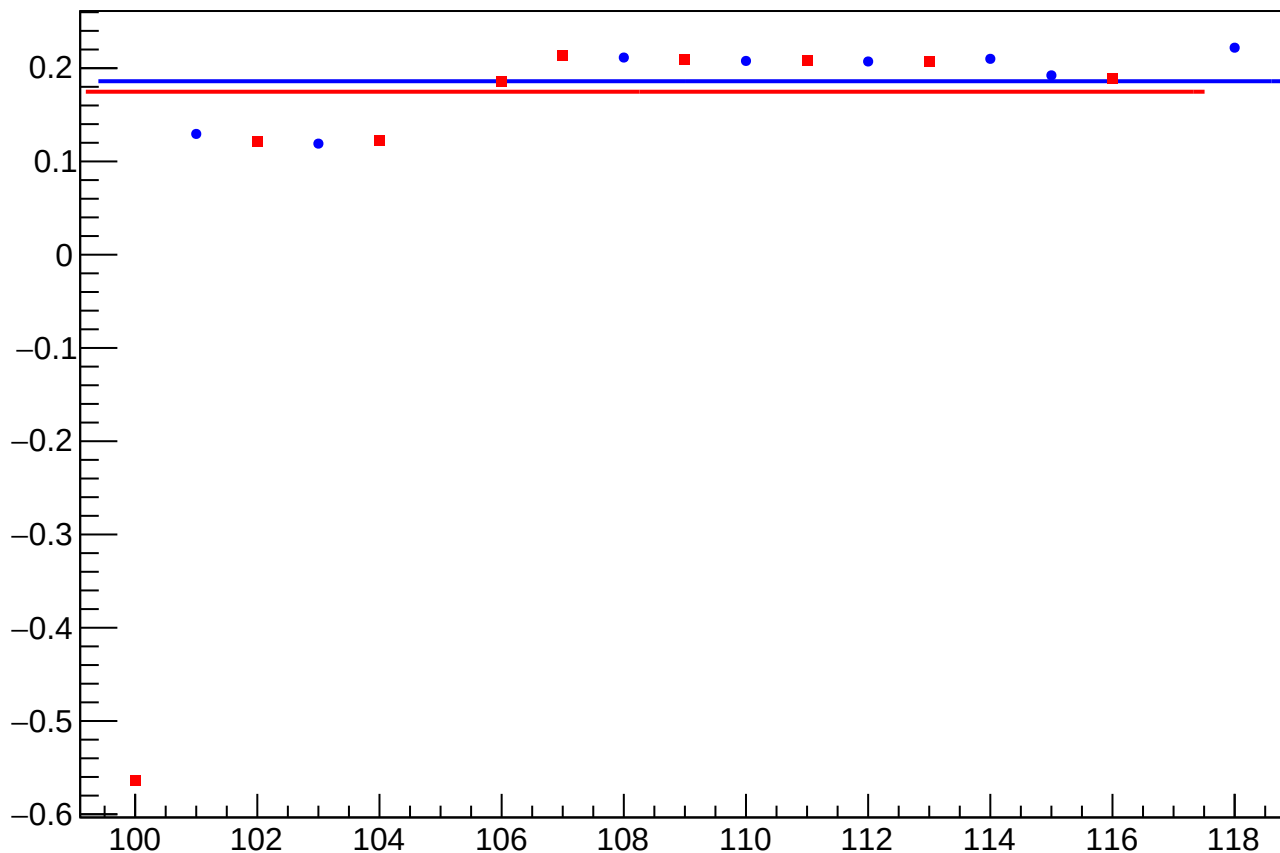
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 151033.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



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: 0.175+/-0.000 χ^2/NDF : 322950786.9/8

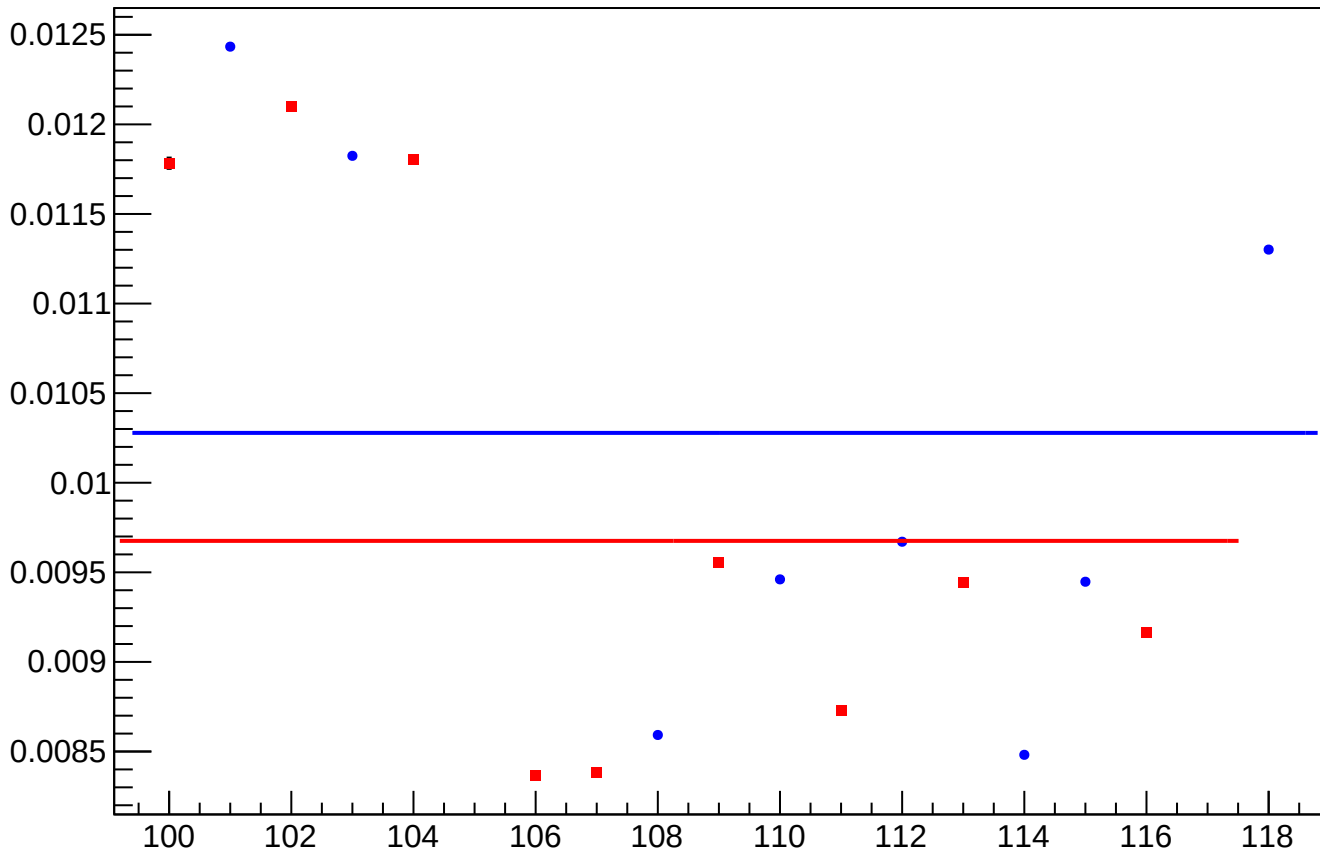
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.180+/-0.000 χ^2/NDF : 370617388.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 117790.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 126743.5/8

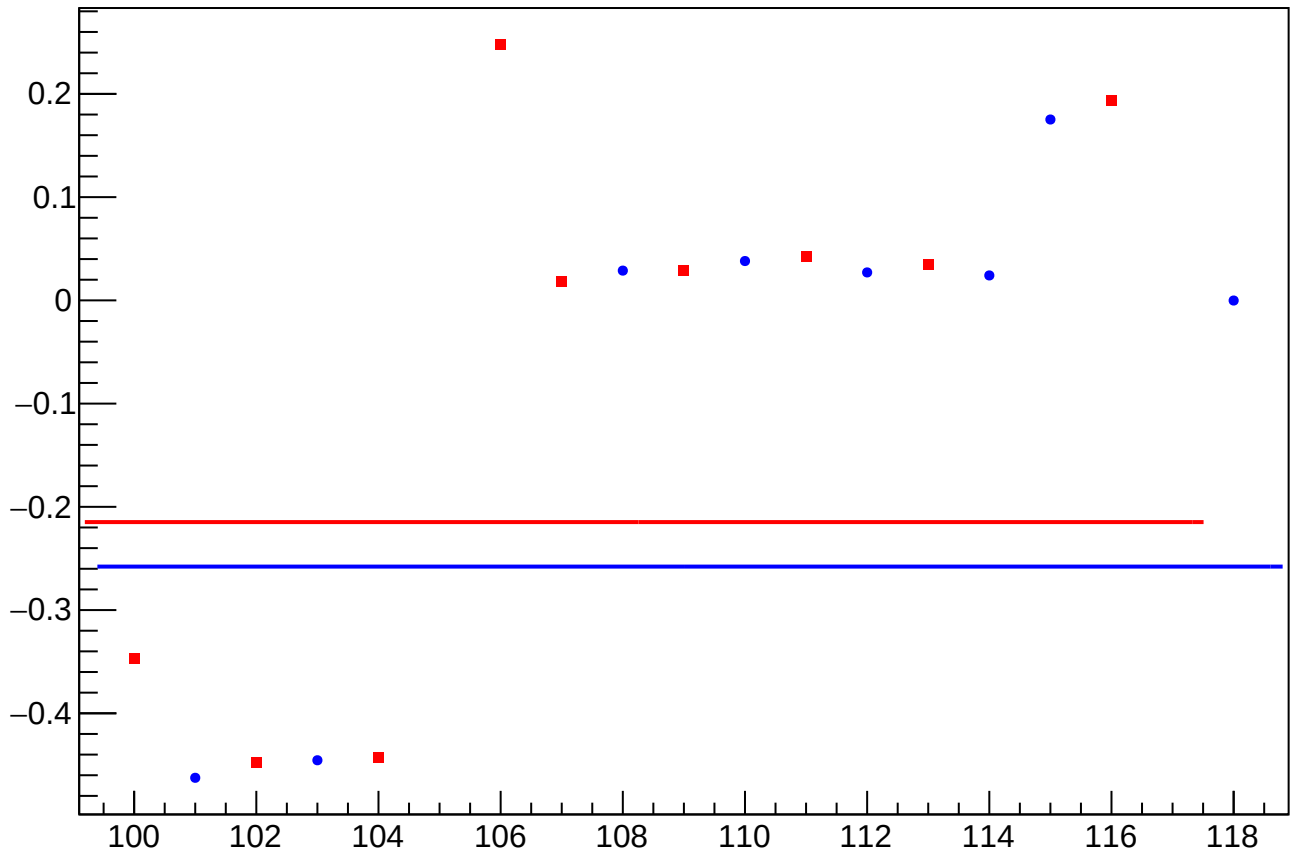
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 256354.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.258+/-0.000 χ^2/NDF : 9181997315.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

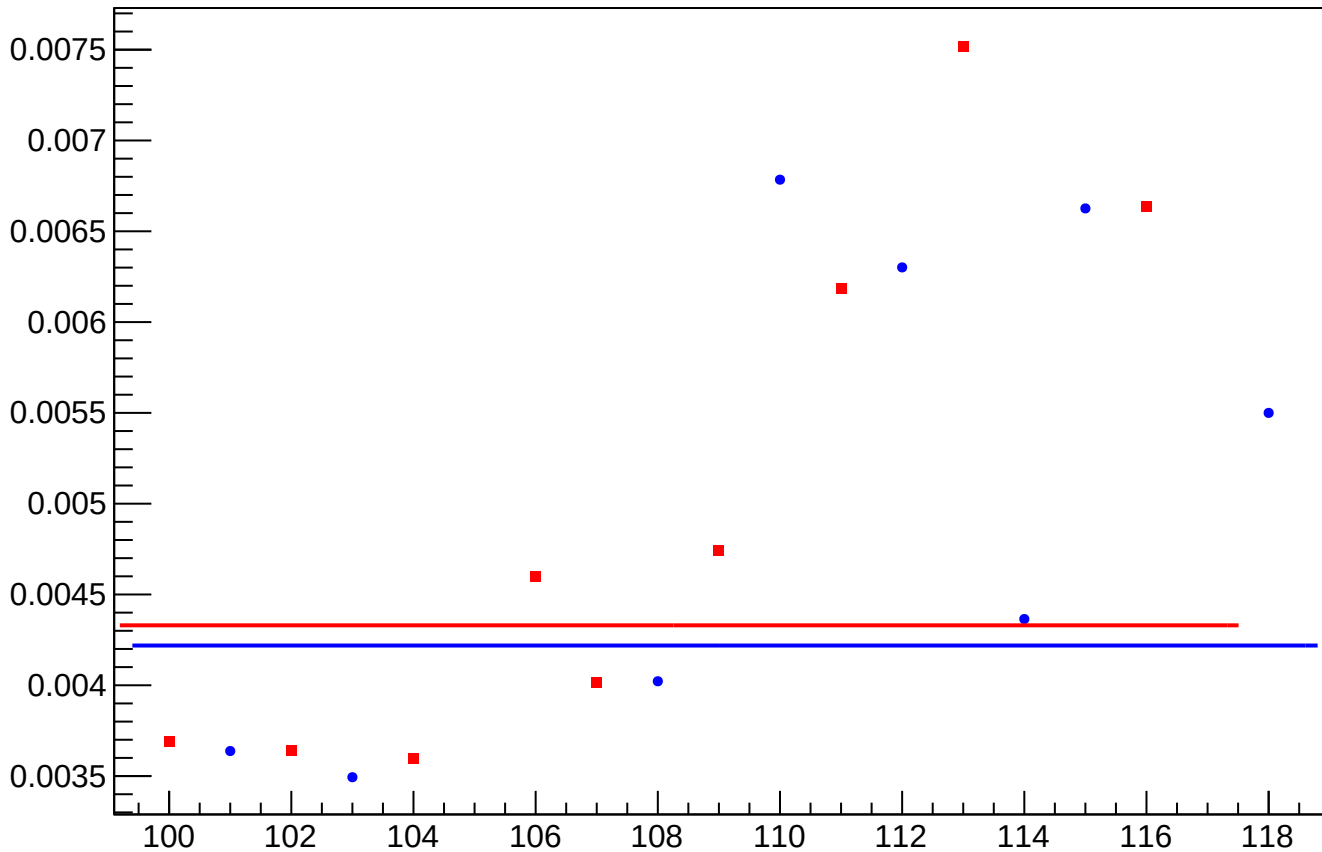
Right Out: -0.215+/-0.000 χ^2/NDF : 11007379201.1/8

All: -0.236+/-0.000 χ^2/NDF : 20339668017.7/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



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 : 388848.6/8

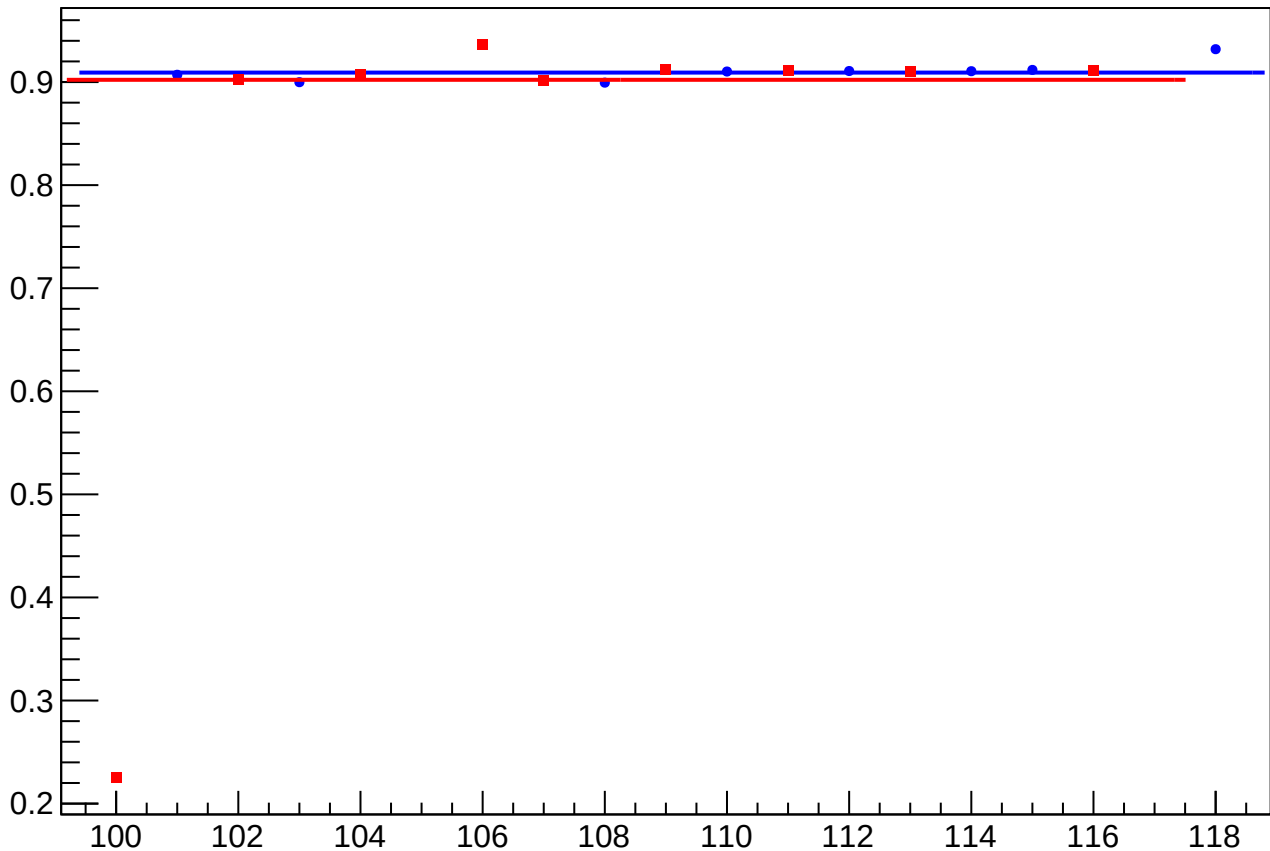
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 747011.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.909 $\pm$ 0.000 χ^2 /NDF: 2299609.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.902 $\pm$ 0.000 χ^2 /NDF: 216738099.1/8

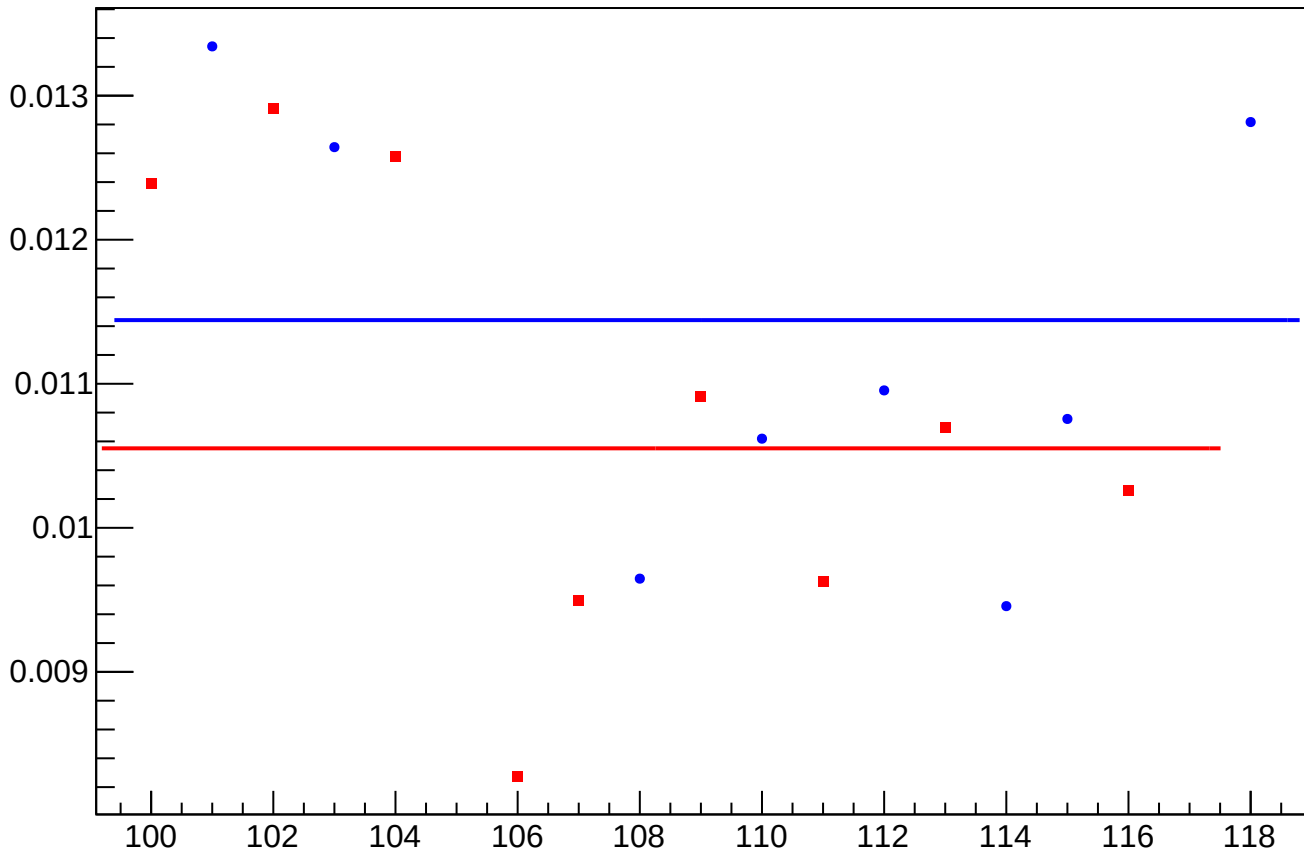
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.905 $\pm$ 0.000 χ^2 /NDF: 219695769.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_rms vs Slug



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 : 133826.0/8

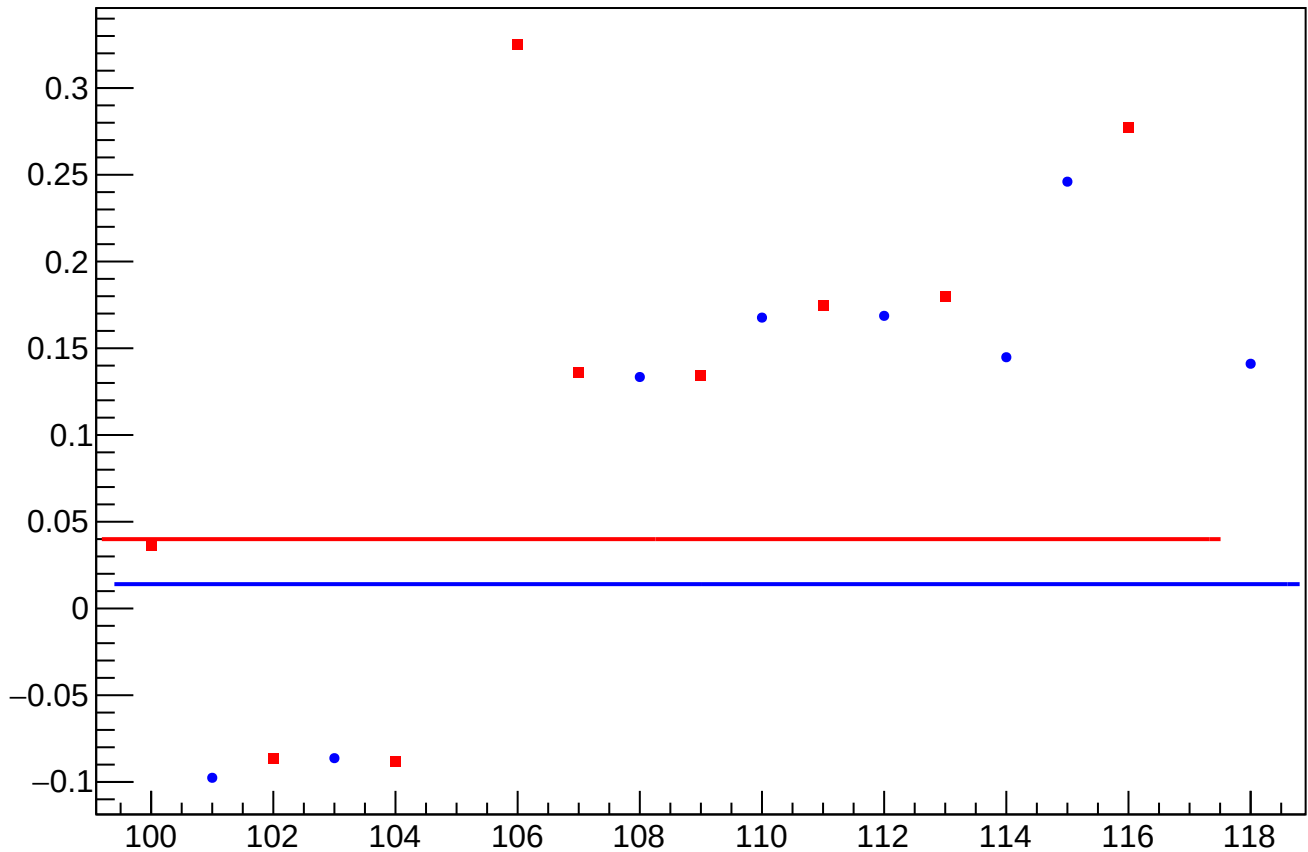
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 246648.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 2038506884.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 2718578799.0/8

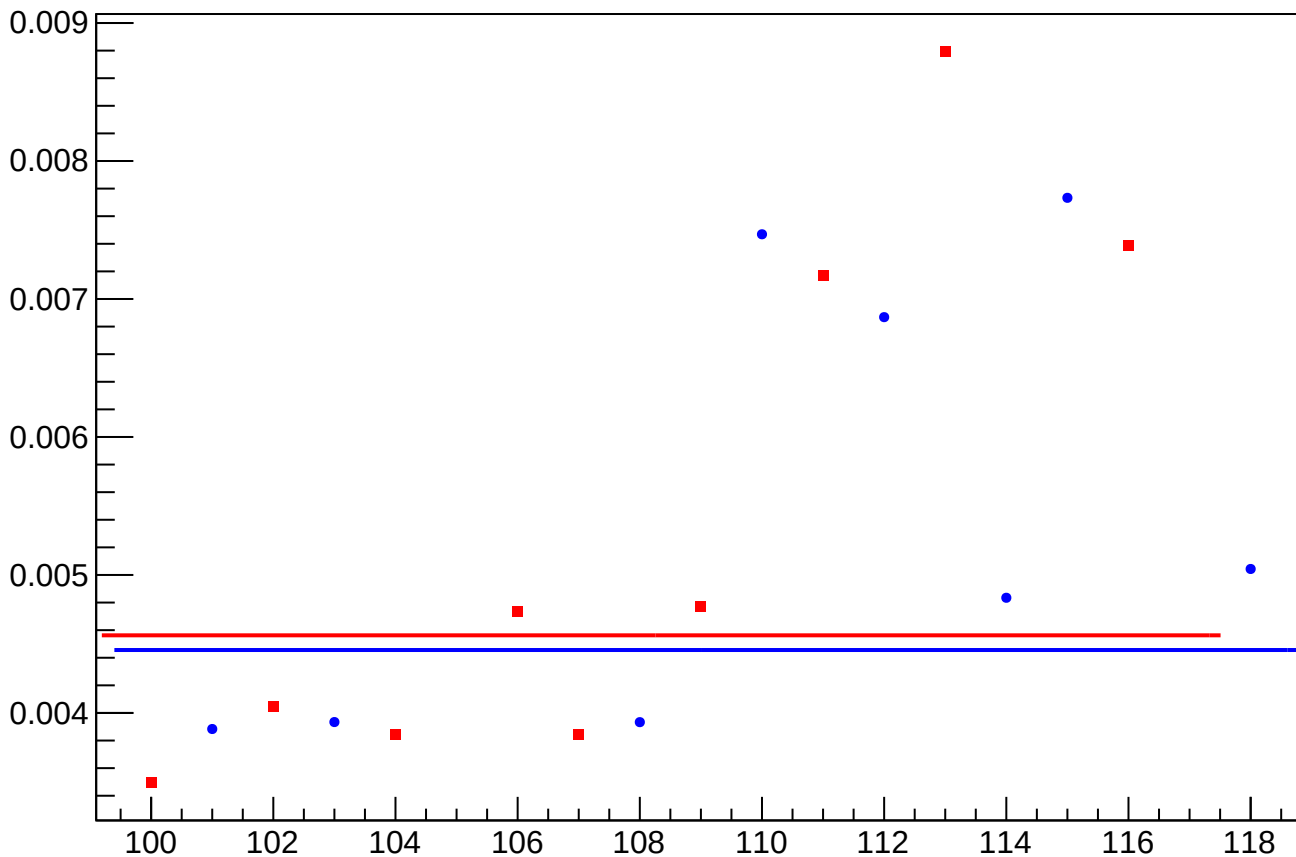
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.000 χ^2/NDF : 4804289790.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug



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 : 453176.8/8

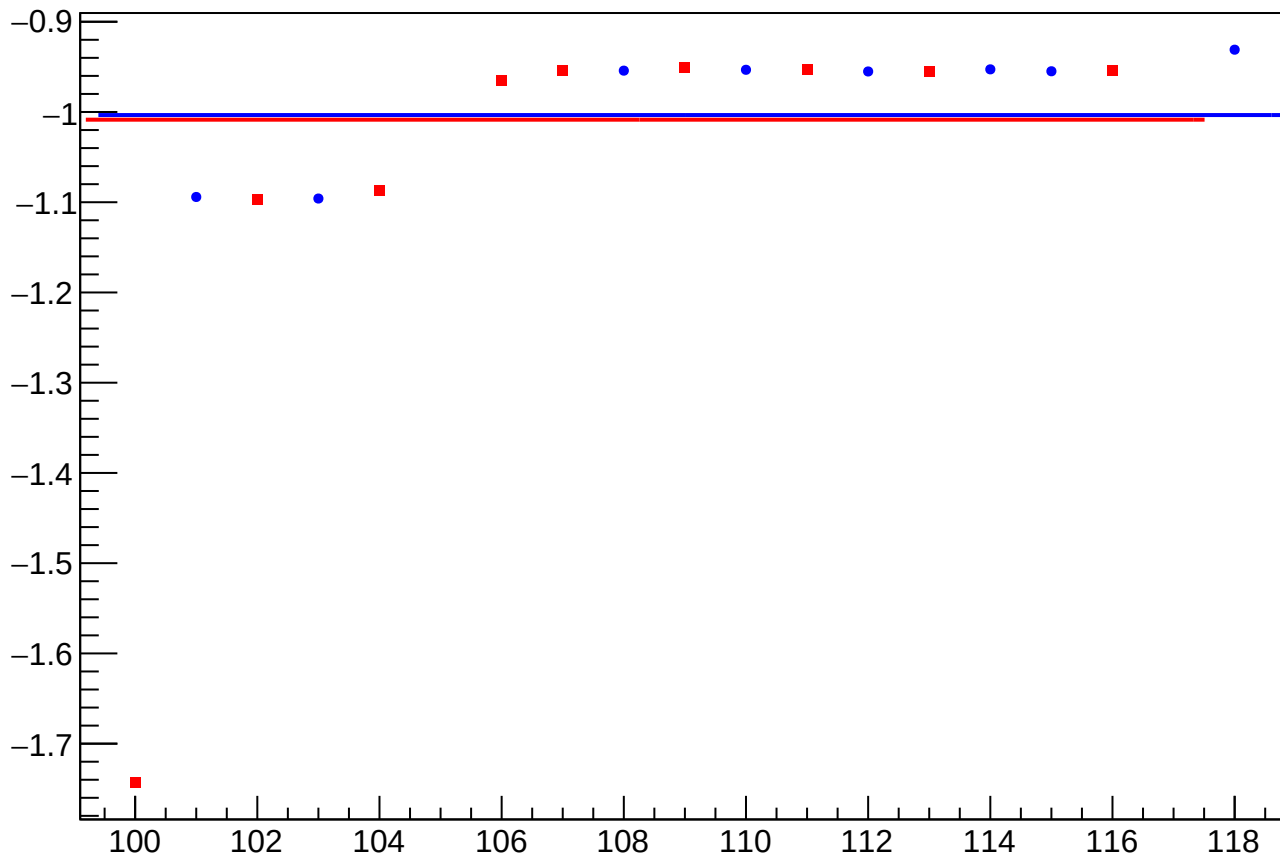
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 777690.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



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: -1.009+/-0.000 χ^2/NDF : 394360916.1/8

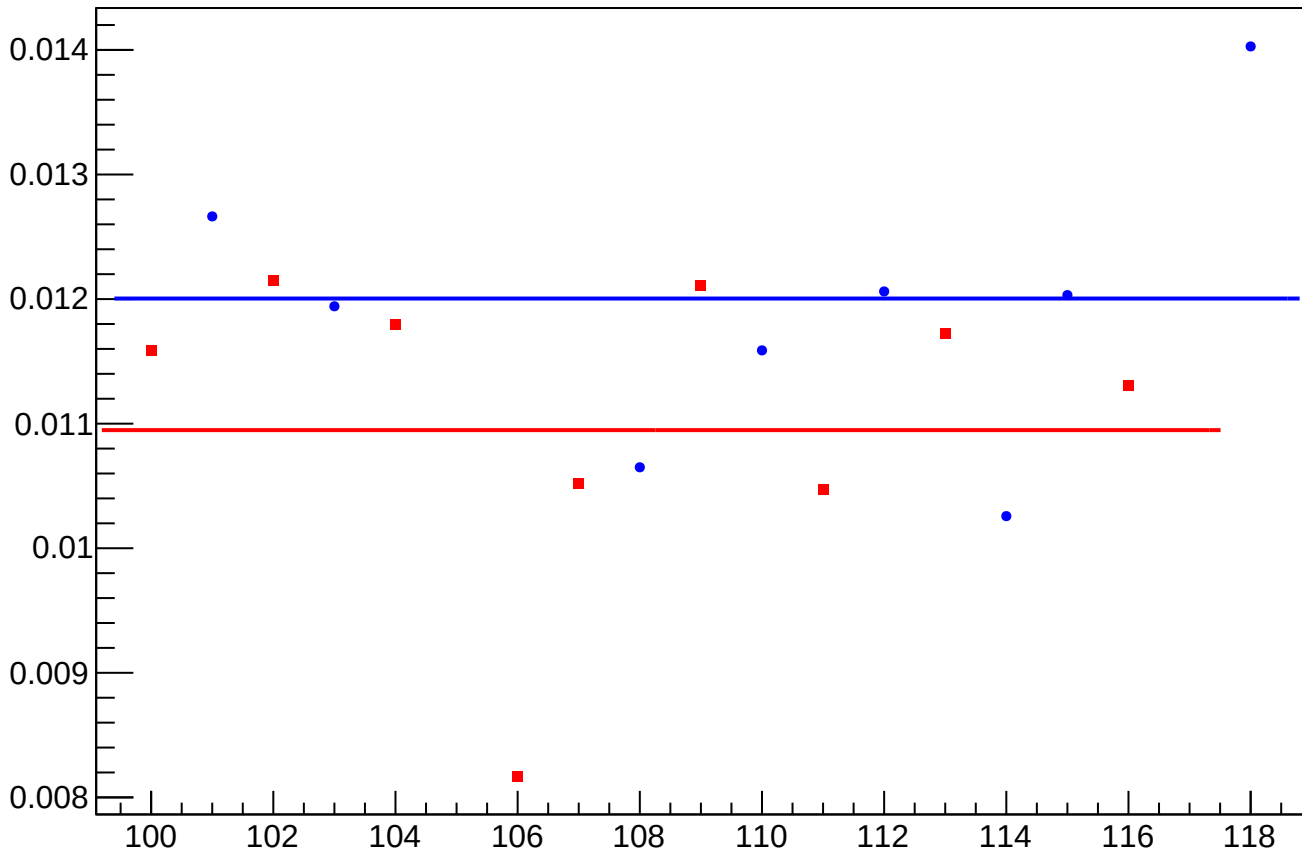
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.006+/-0.000 χ^2/NDF : 502934069.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 43741.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 106897.8/8

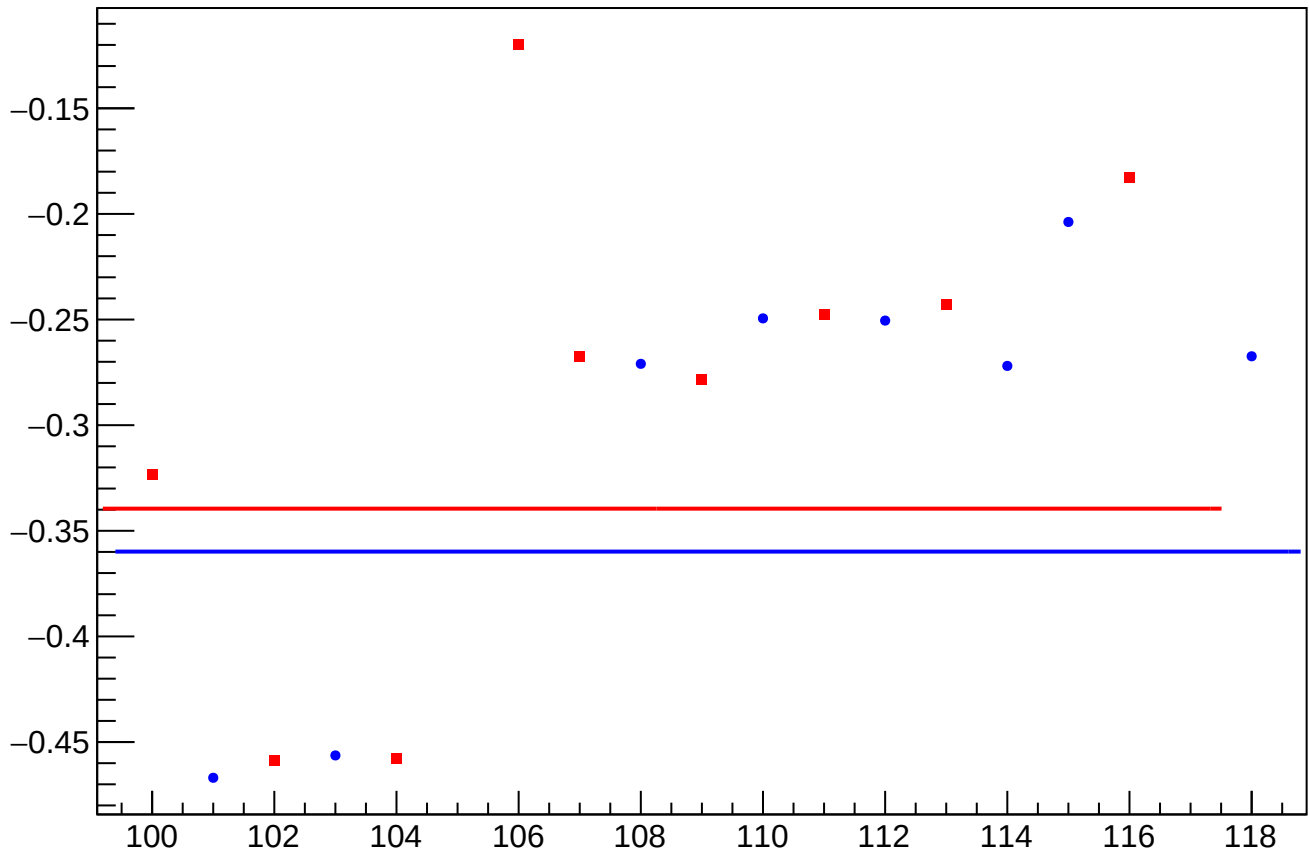
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 178066.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10Y_mean vs Slug



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: -0.340+/-0.000 χ^2/NDF : 2226775064.3/8

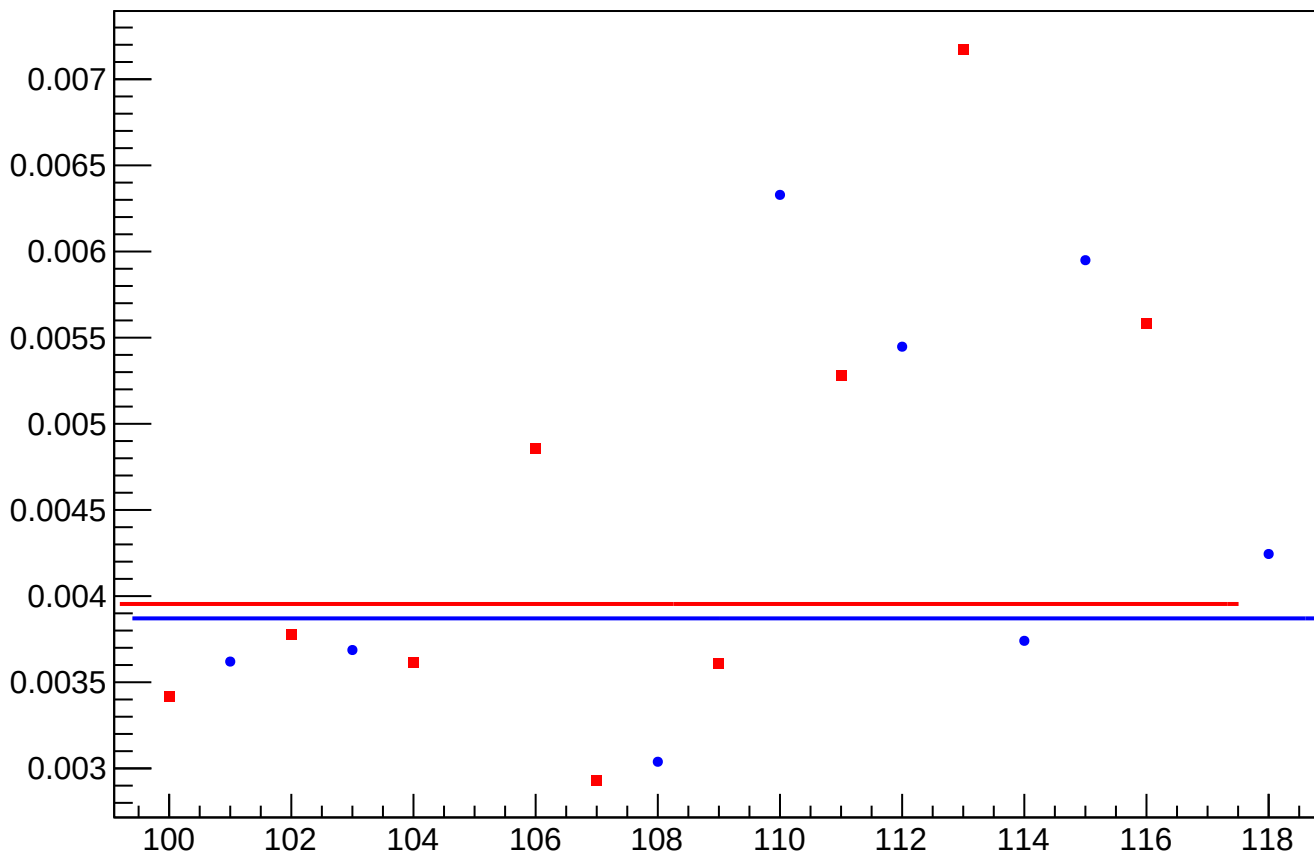
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.350+/-0.000 χ^2/NDF : 4121605549.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 266291.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 353003.7/8

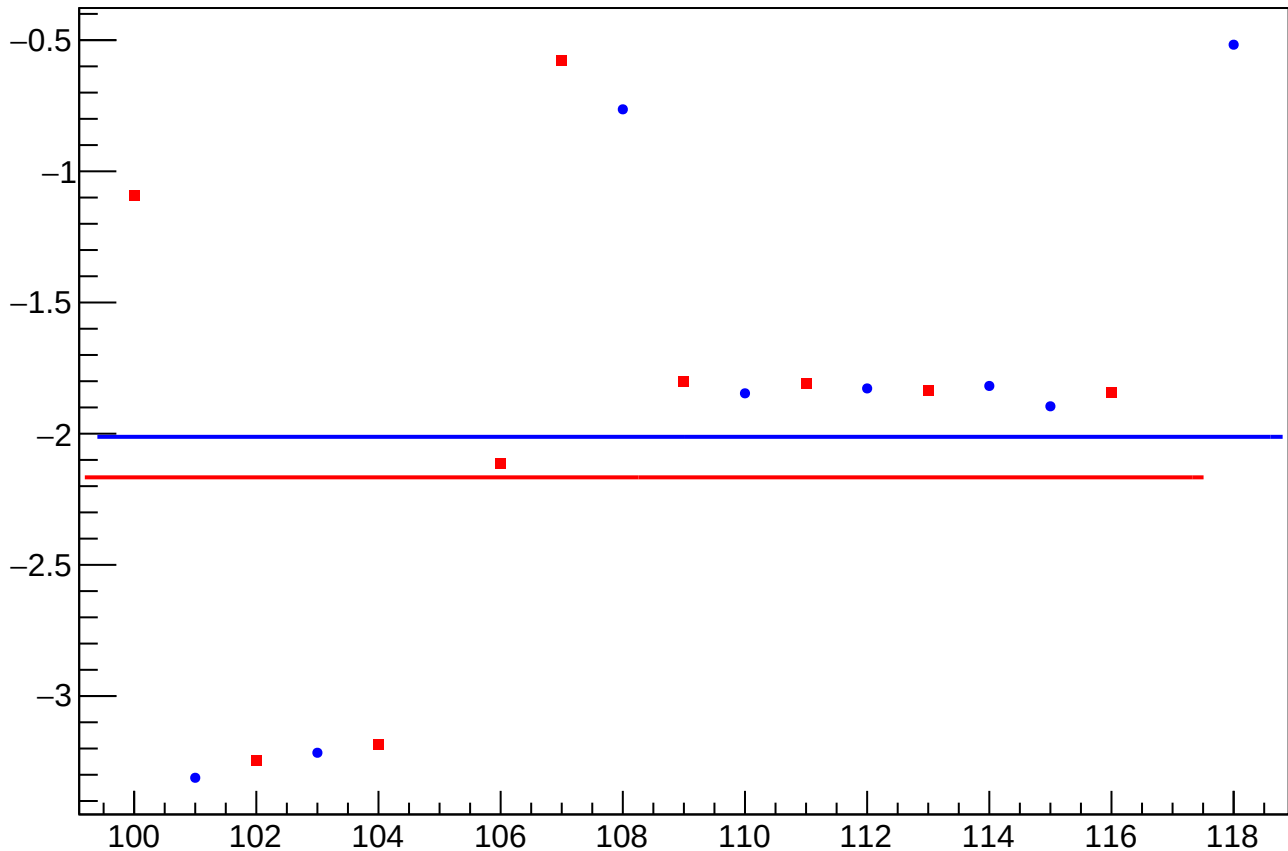
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 620604.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -2.012+/-0.000 χ^2/NDF : 731031673.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

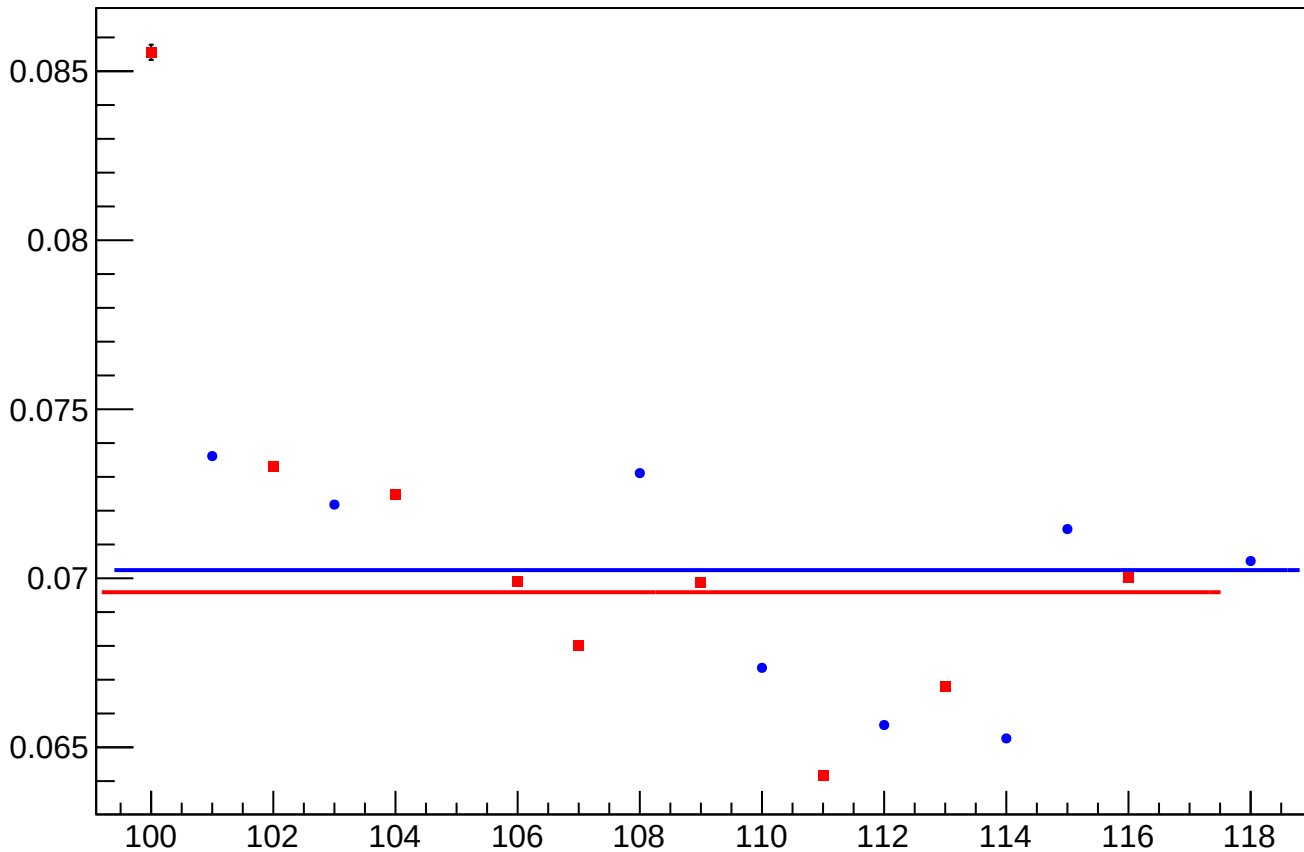
Right Out: -2.166+/-0.000 χ^2/NDF : 423304715.0/8

All: -2.092+/-0.000 χ^2/NDF : 1162588706.6/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.070 $\pm$ 0.000 χ^2 /NDF: 12465.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.070 $\pm$ 0.000 χ^2 /NDF: 18244.2/8

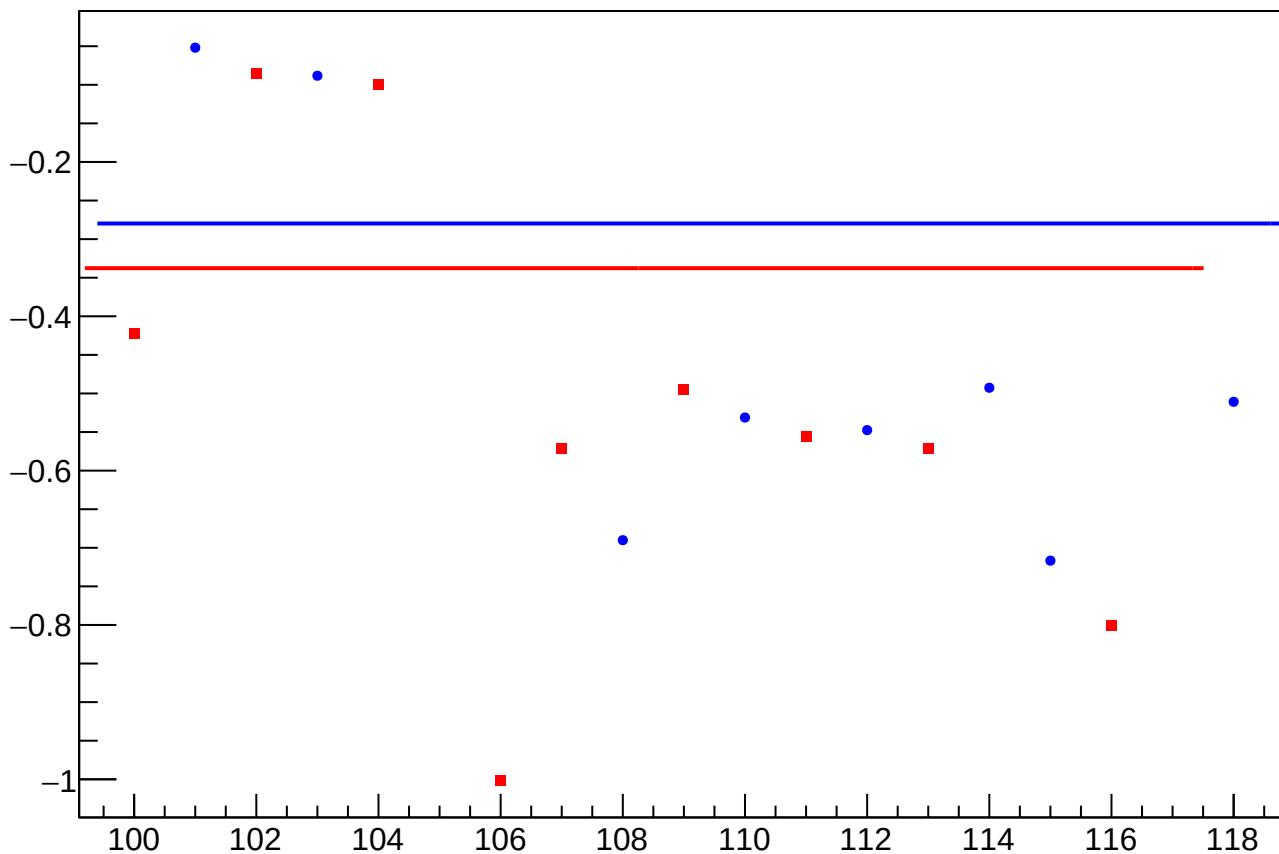
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 0.000 χ^2 /NDF: 31006.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03Y_mean vs Slug



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: -0.338+/-0.000 χ^2/NDF : 2361859278.0/8

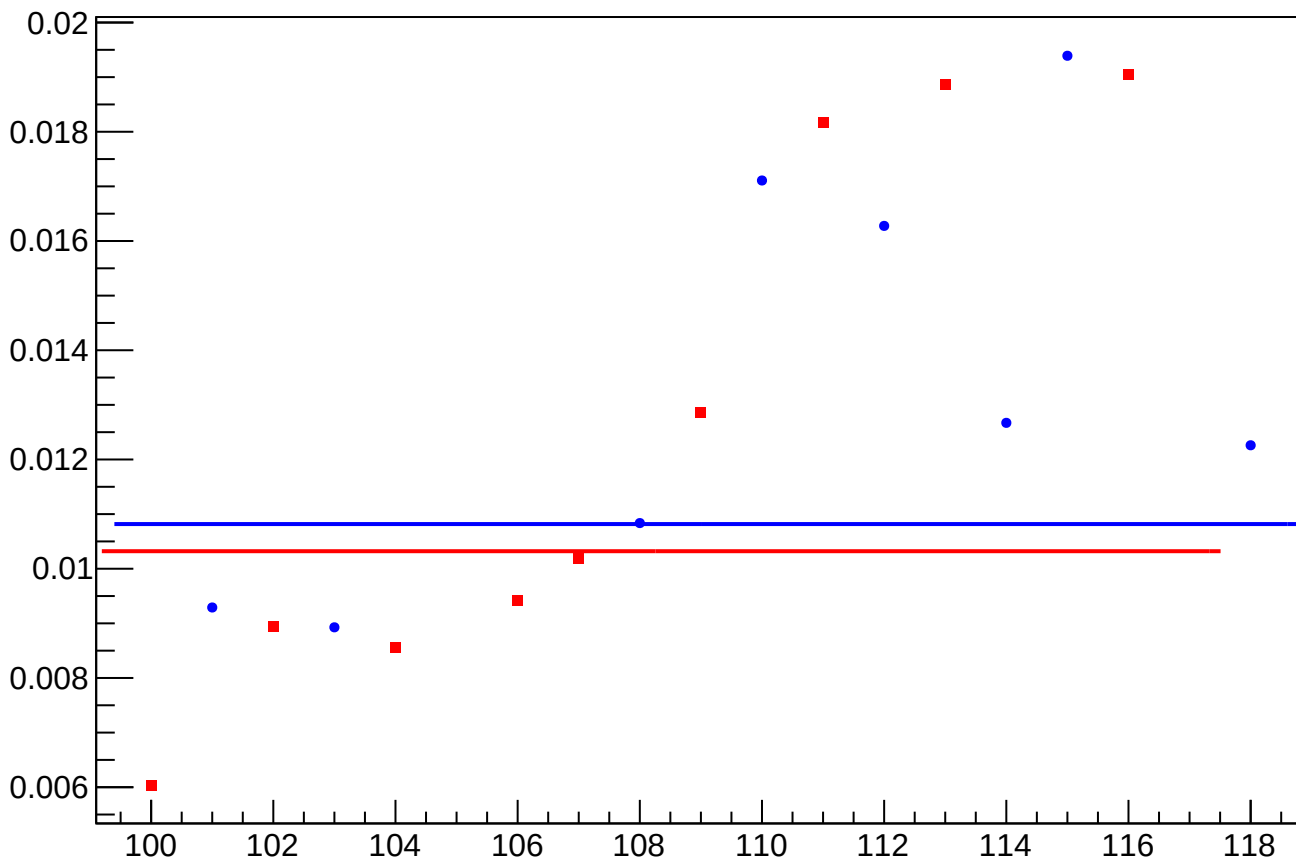
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.310+/-0.000 χ^2/NDF : 4038846348.6/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug



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: 0.010+/-0.000 χ^2/NDF : 616126.2/8

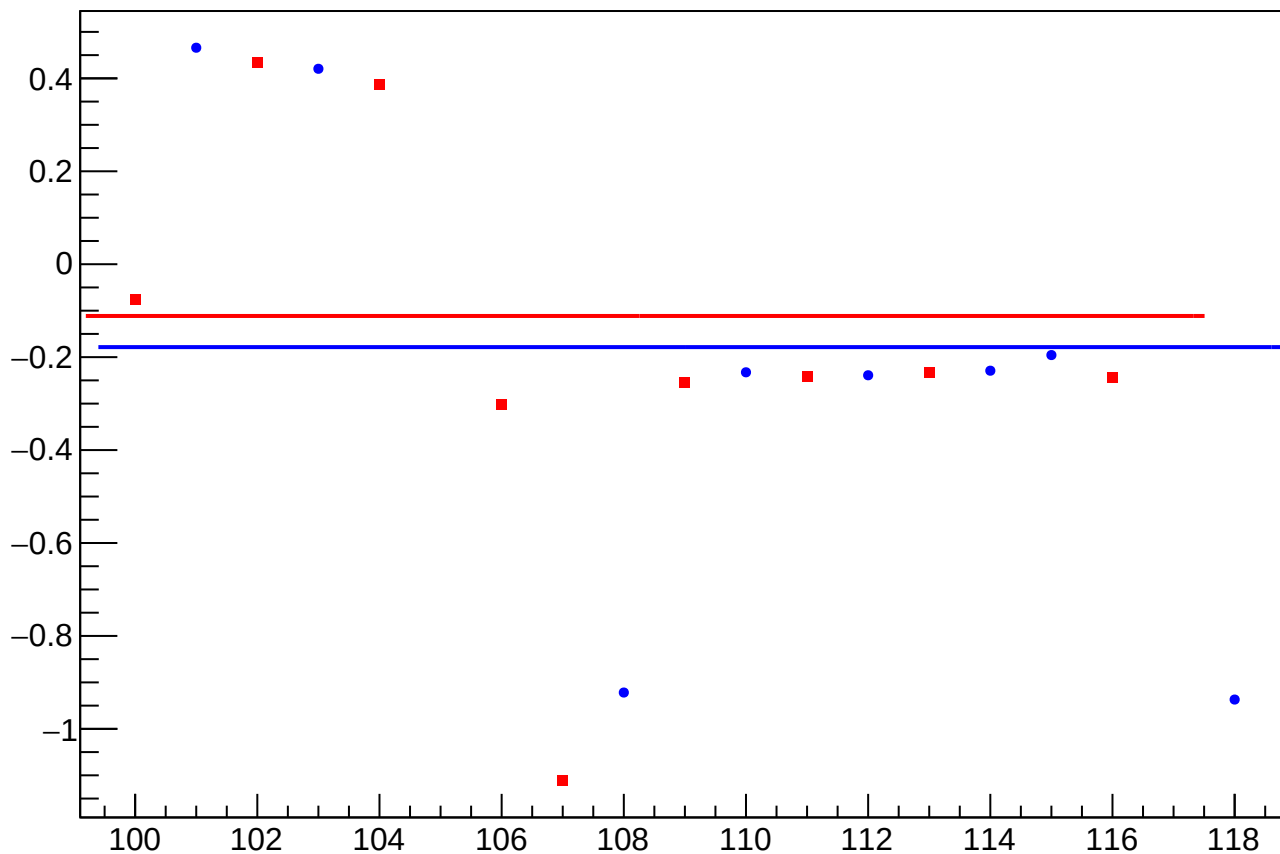
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 962795.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



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: -0.111+/-0.000 χ^2/NDF : 78745660.7/8

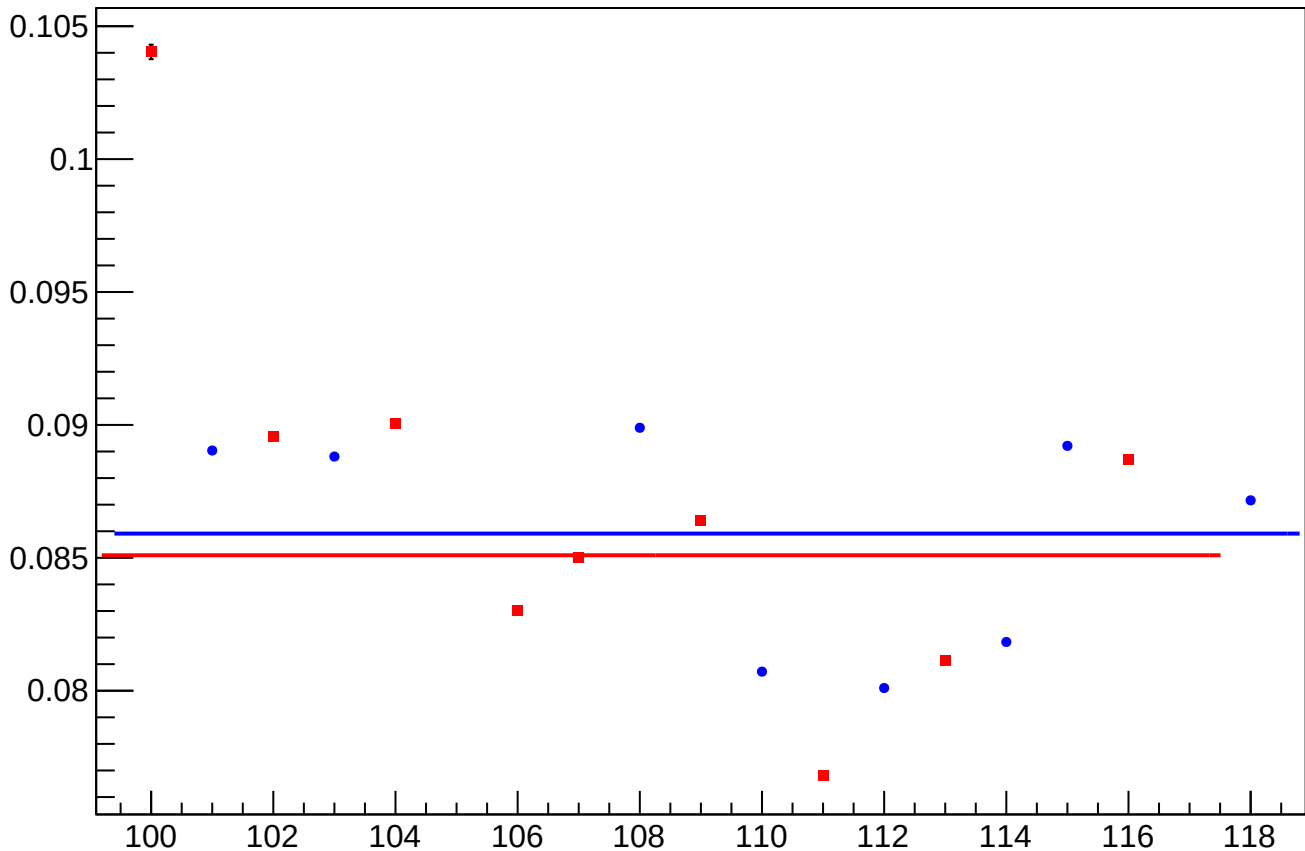
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.144+/-0.000 χ^2/NDF : 209570153.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 13980.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.085 $\pm$ 0.000 χ^2 /NDF: 25272.6/8

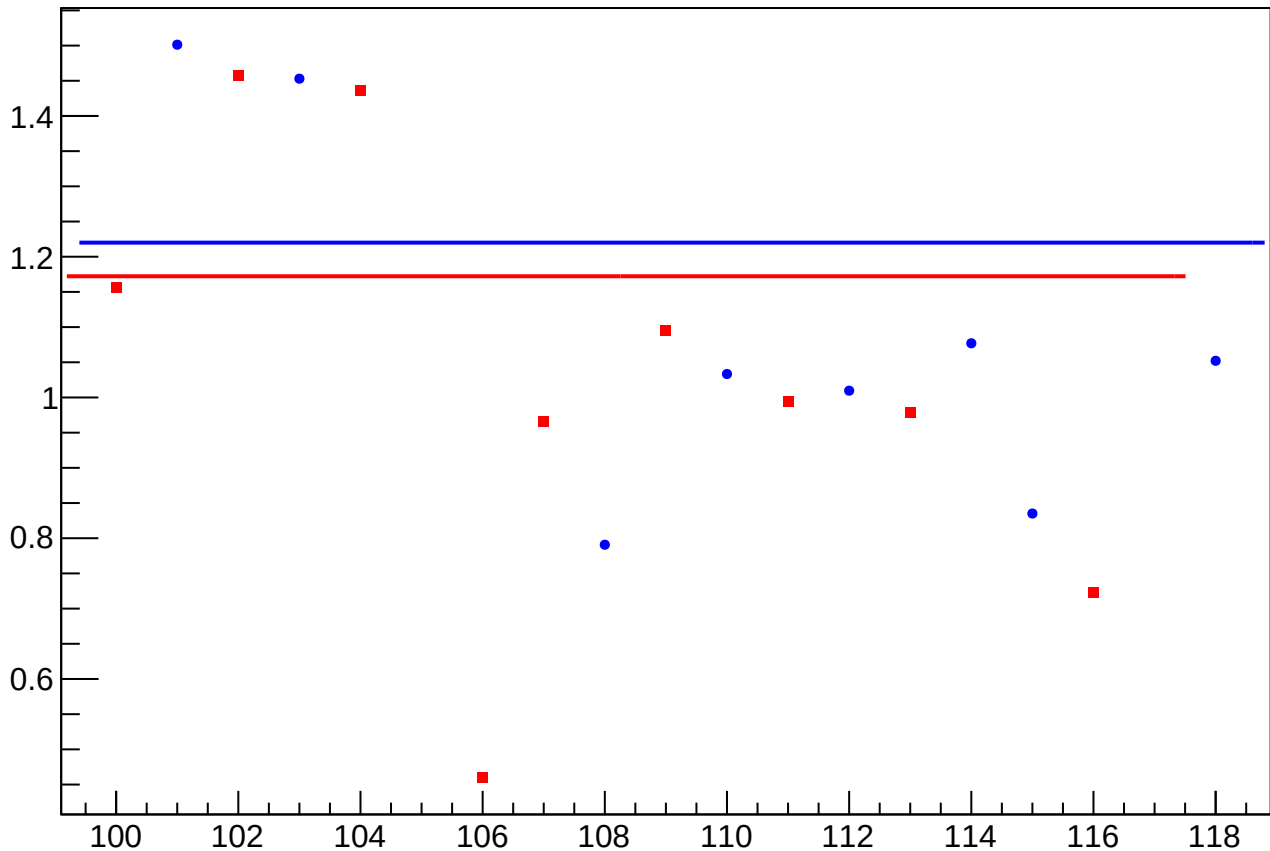
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.000 χ^2 /NDF: 39562.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.220+/-0.000 χ^2/NDF : 1027394982.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

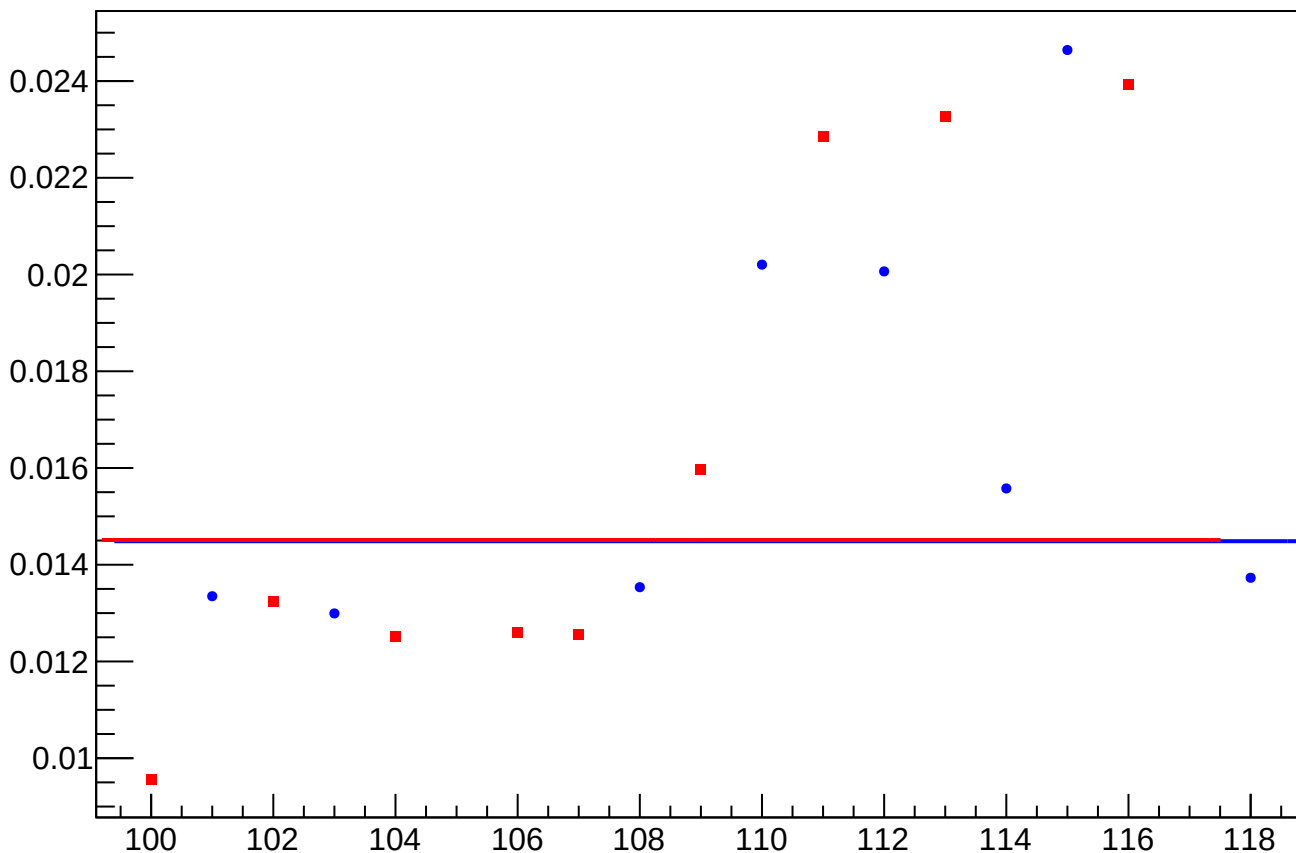
Right Out: 1.172+/-0.000 χ^2/NDF : 1375521692.0/8

All: 1.196+/-0.000 χ^2/NDF : 2419114194.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_rms vs Slug



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 : 405736.2/8

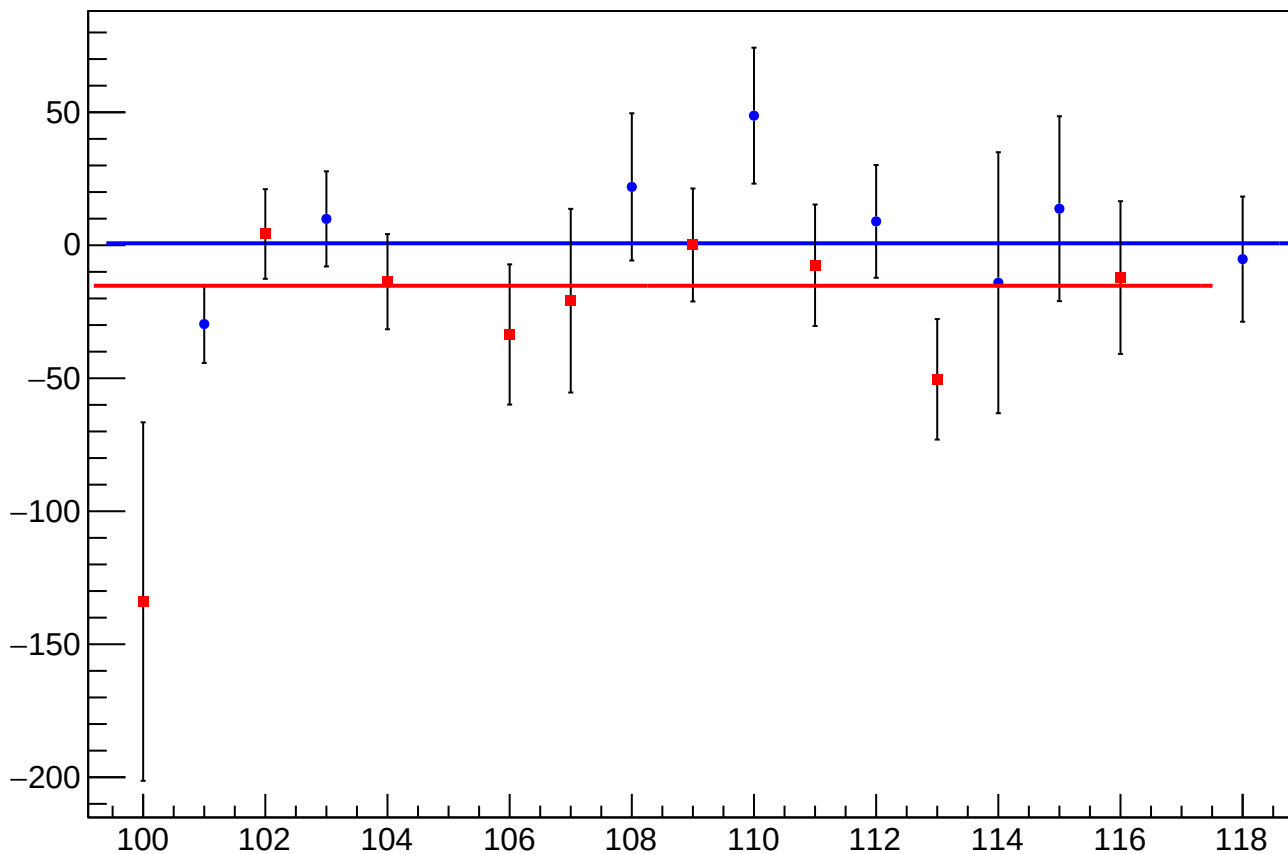
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 599266.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



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: -15.221 ± 7.799 χ^2/NDF : 8.0/8

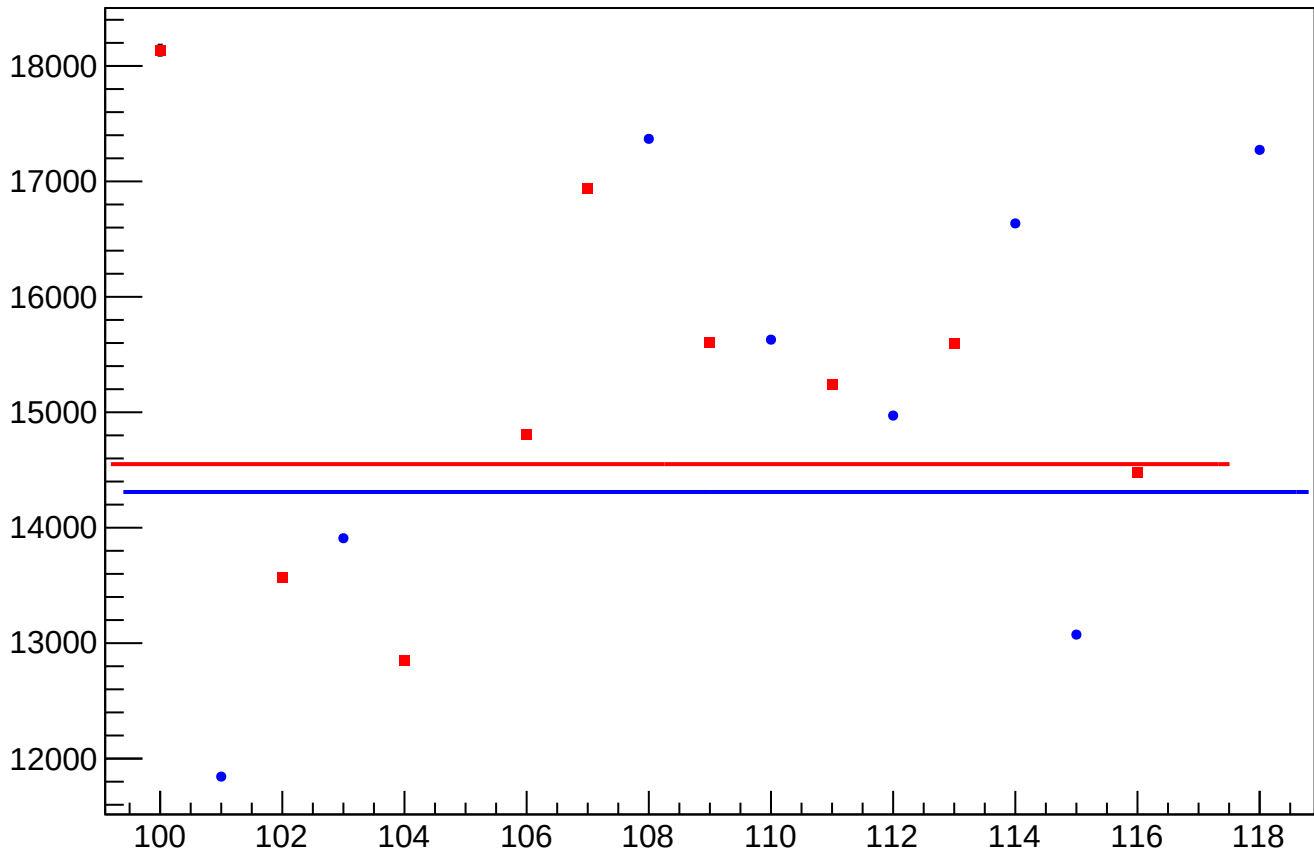
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.369 ± 5.559 χ^2/NDF : 19.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



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: 14550.695+/-5.515 χ^2/NDF : 51383.3/8

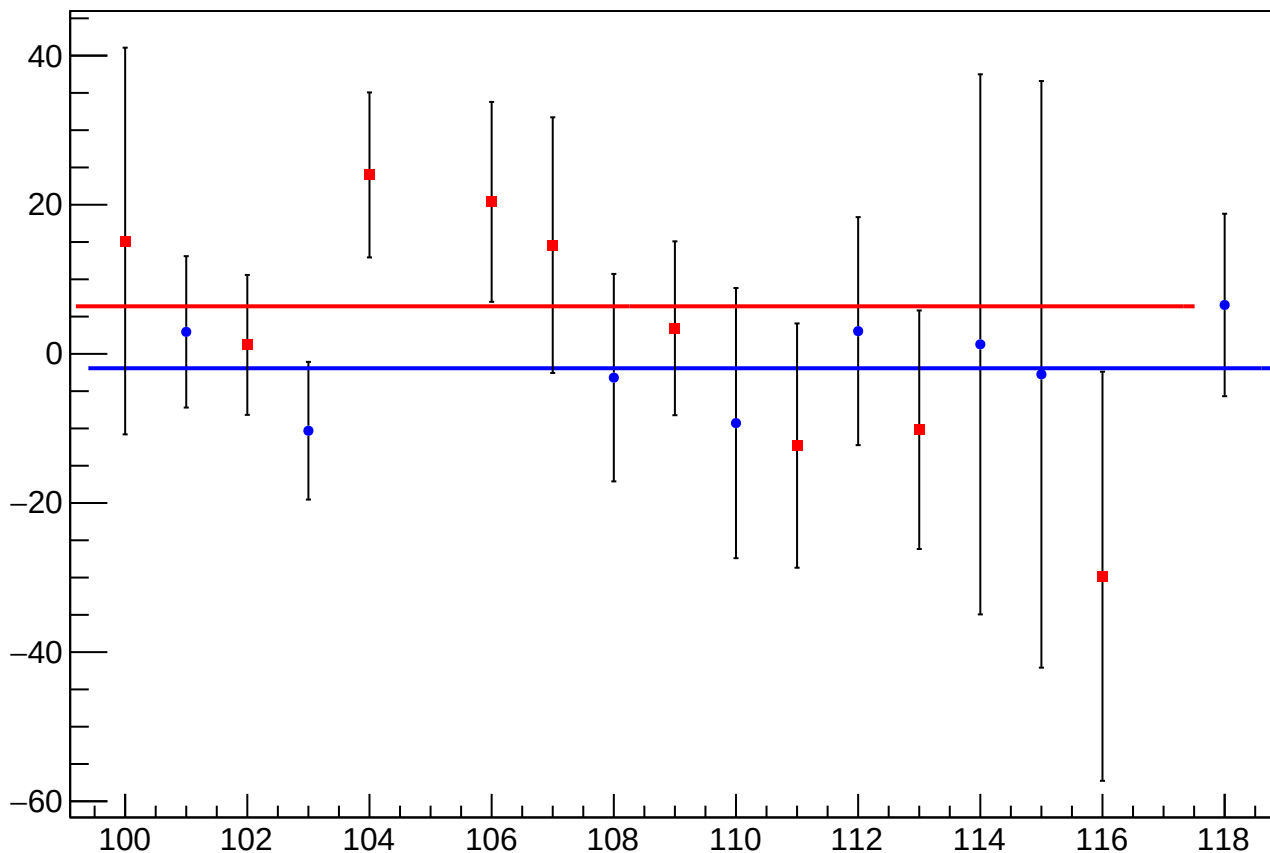
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14432.078+/-3.931 χ^2/NDF : 180646.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_mean vs Slug



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: 6.379+/-4.647 χ^2/NDF : 8.5/8

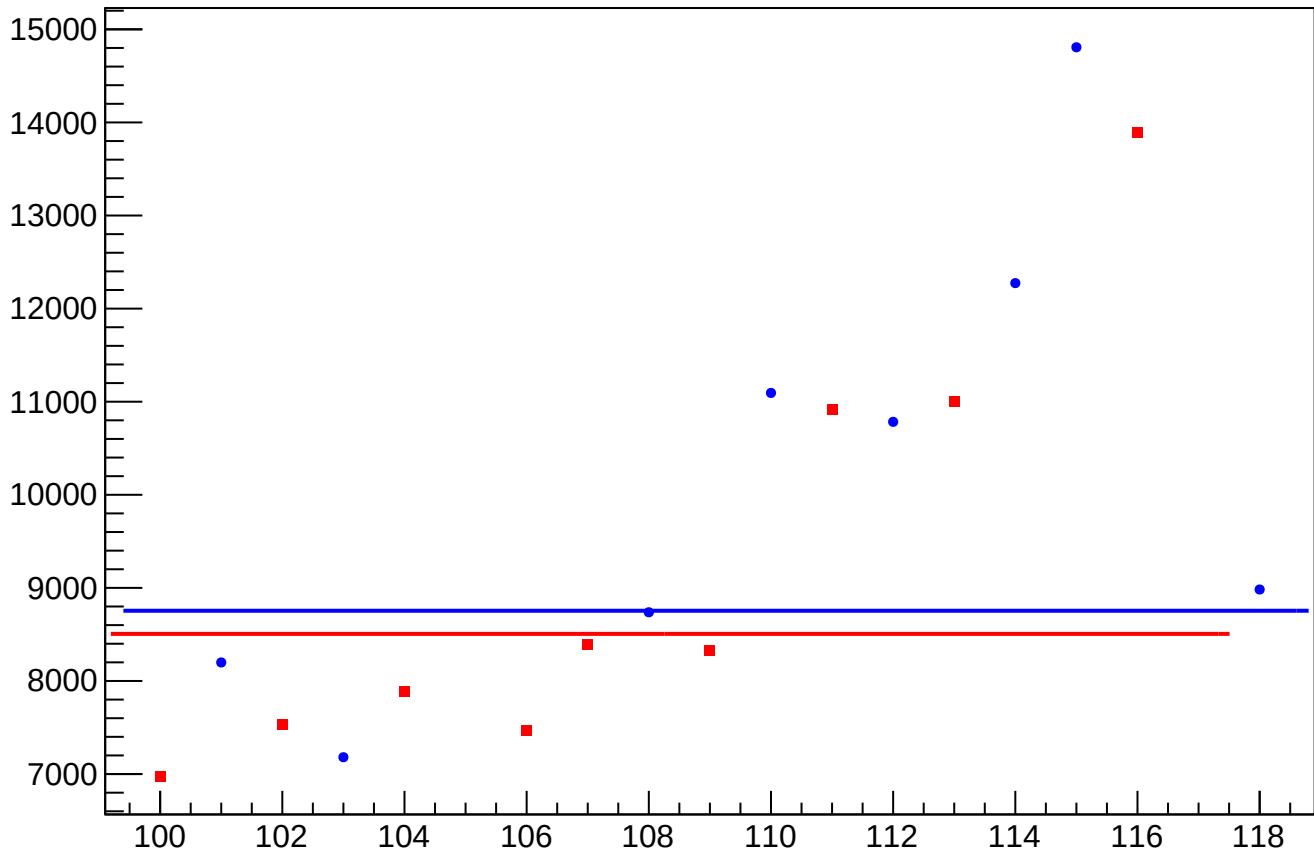
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.428+/-3.365 χ^2/NDF : 11.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8754.379 $\pm$ 3.450 χ^2 /NDF: 199607.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8505.819 $\pm$ 3.286 χ^2 /NDF: 216228.5/8

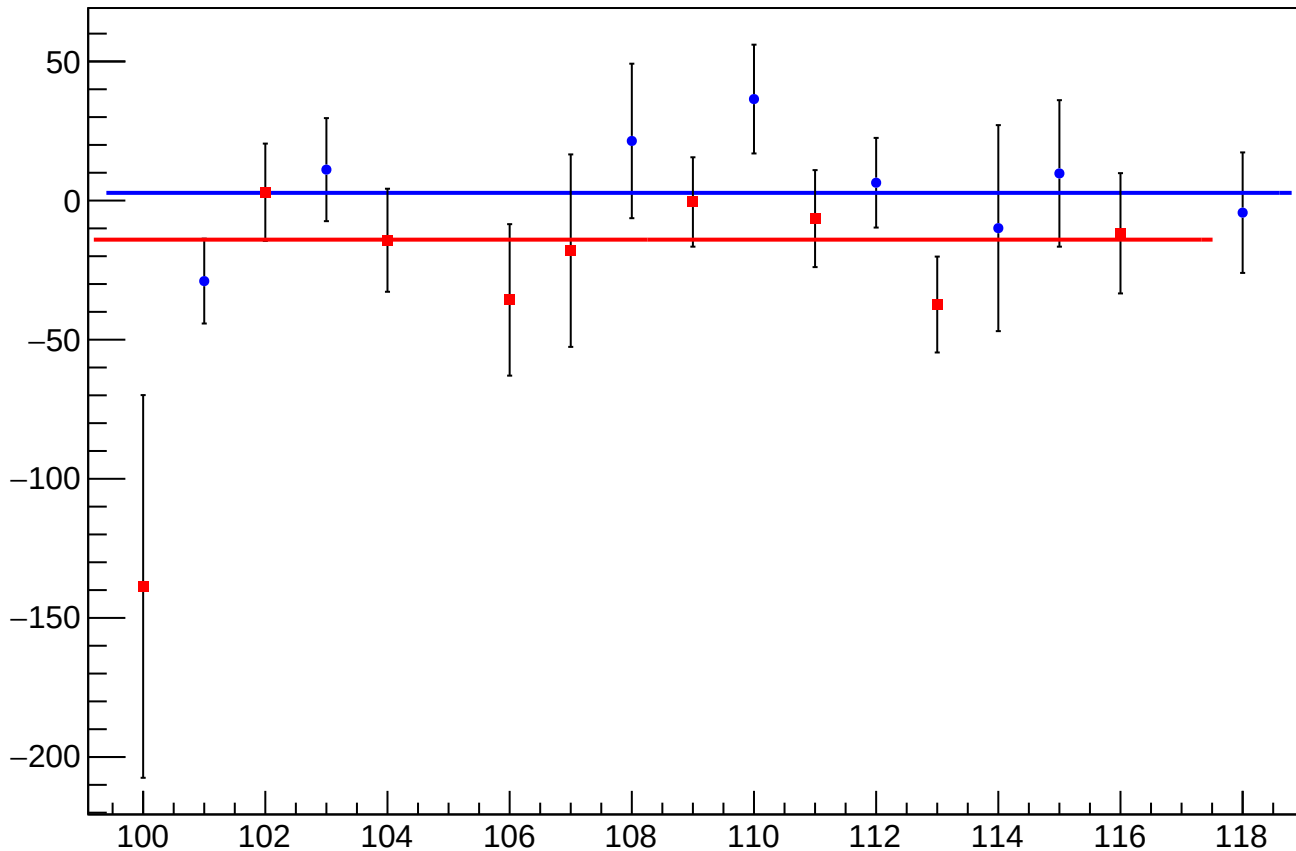
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8624.059 $\pm$ 2.380 χ^2 /NDF: 418557.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_mean vs Slug



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: -14.046 ± 6.858 χ^2/NDF : 7.6/8

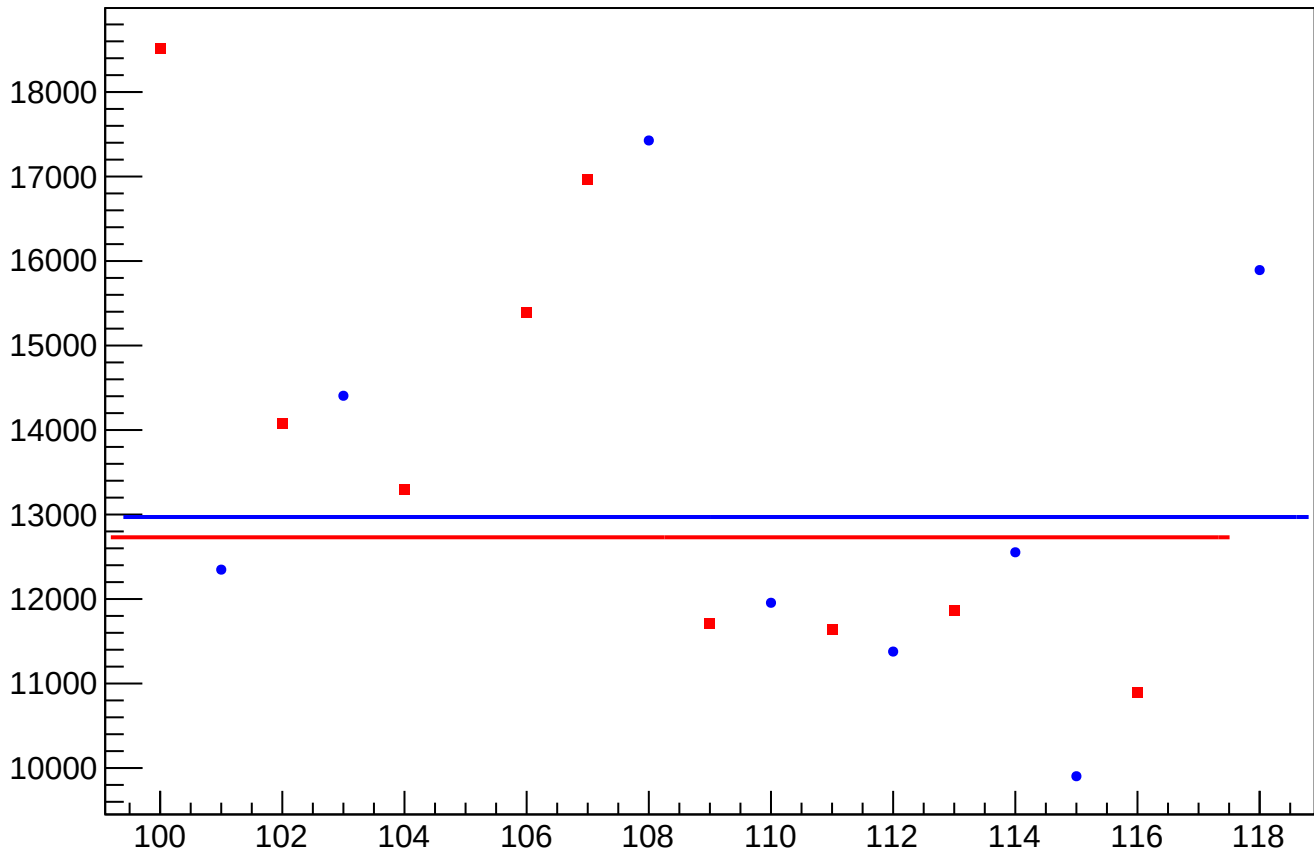
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.047 ± 4.966 χ^2/NDF : 18.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 12970.550 $\pm$ 5.091 χ^2 /NDF: 155625.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12730.513 $\pm$ 4.850 χ^2 /NDF: 112433.5/8

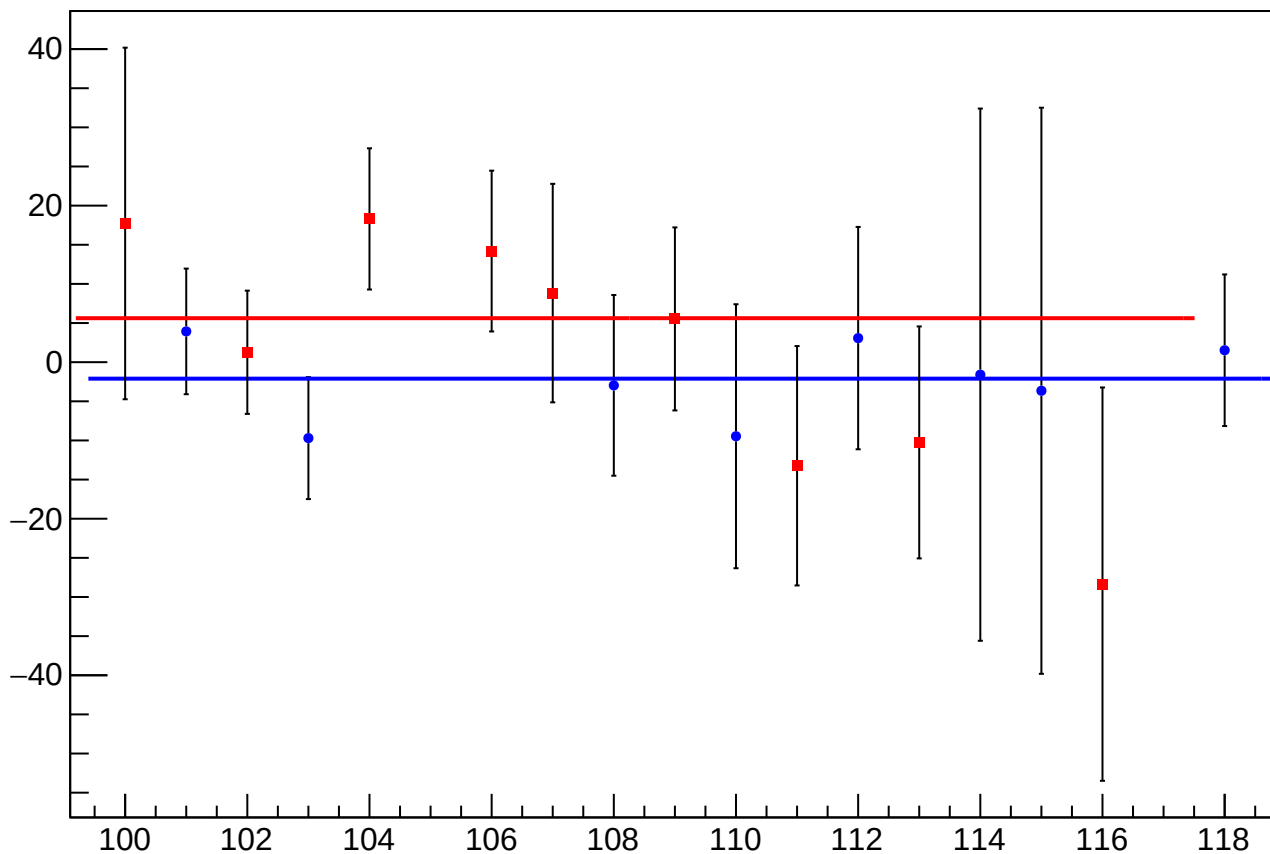
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12844.695 $\pm$ 3.512 χ^2 /NDF: 269224.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -2.106+/-4.073 χ^2/NDF : 2.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.618+/-3.992 χ^2/NDF : 7.8/8

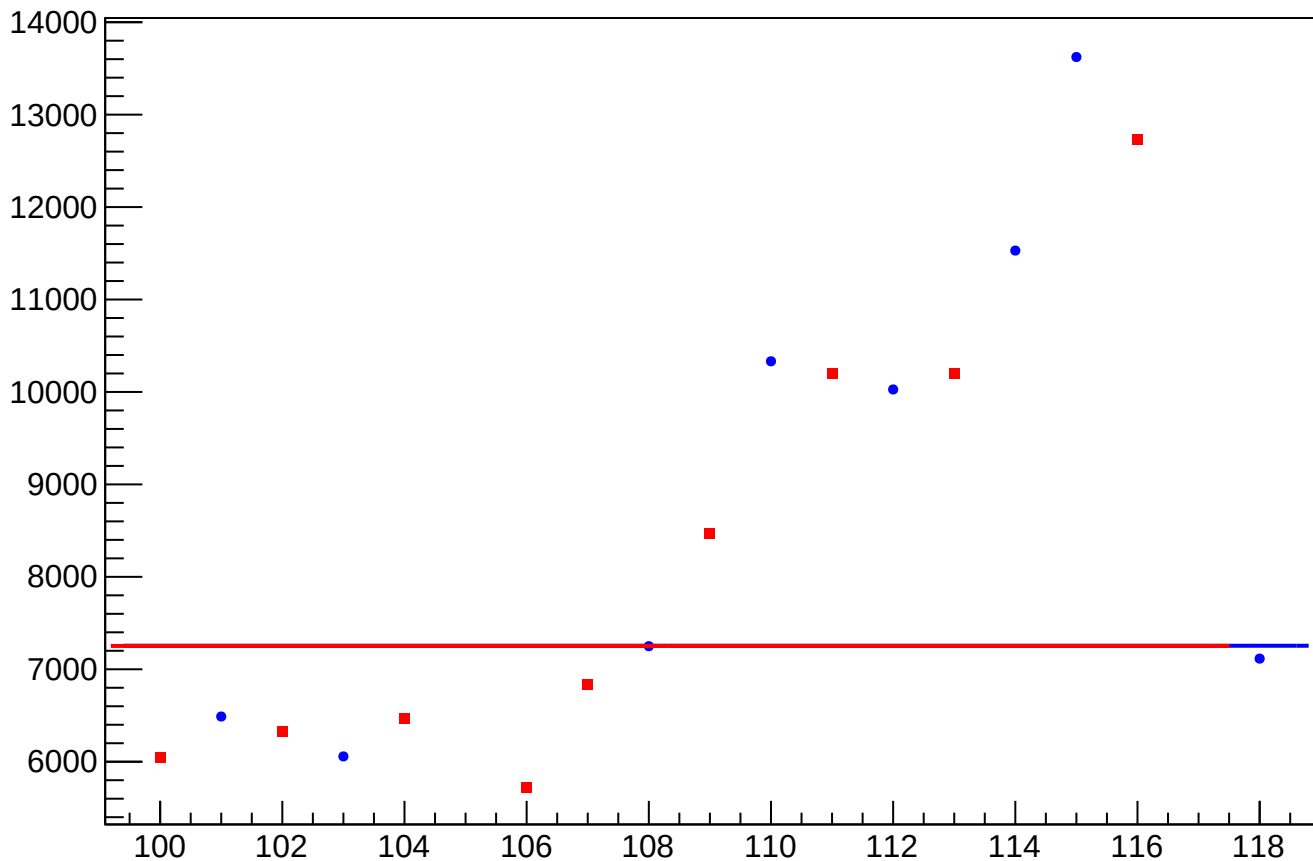
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.834+/-2.851 χ^2/NDF : 11.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_rms vs Slug



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: 7252.534+/-2.823 χ^2/NDF : 364365.2/8

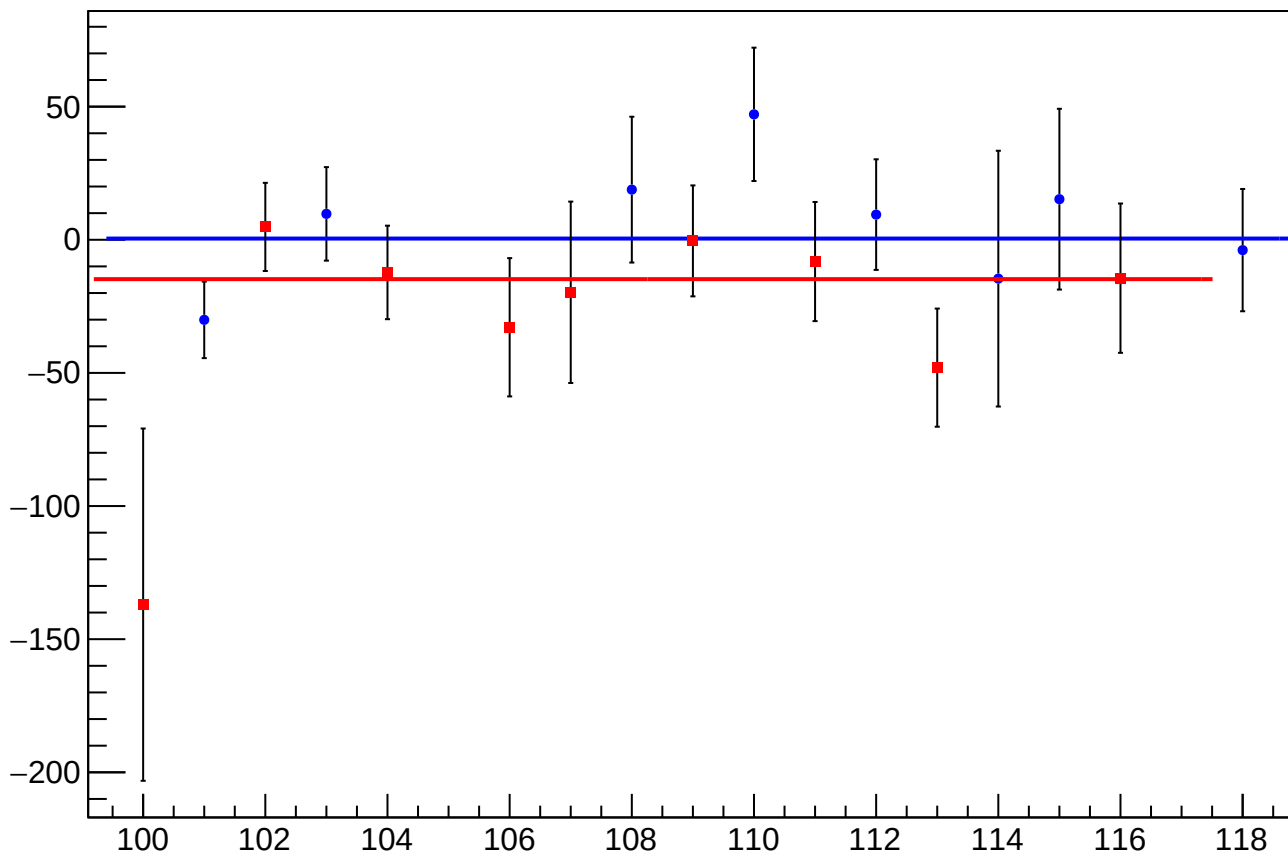
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7253.565+/-2.016 χ^2/NDF : 666642.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



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: -14.783 ± 7.654 χ^2/NDF : 8.2/8

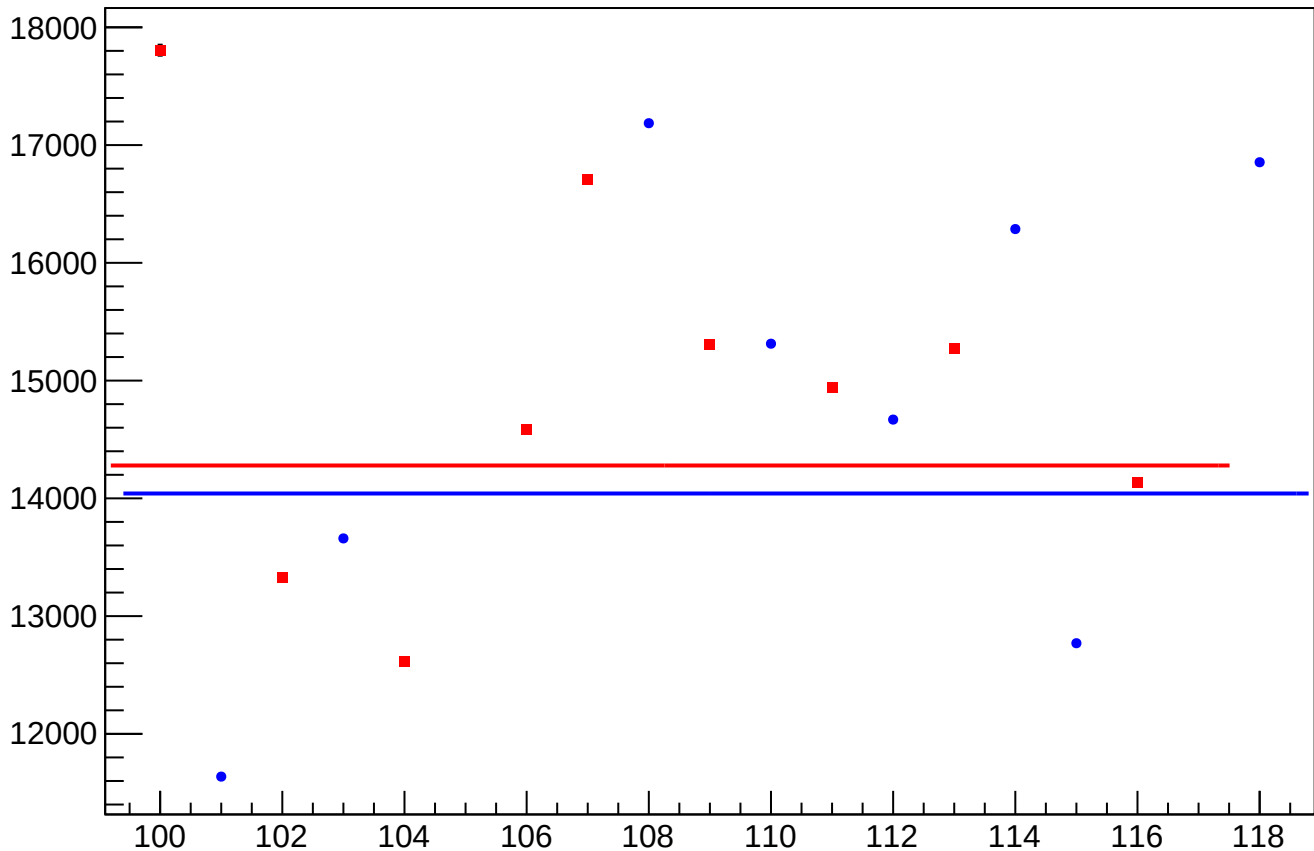
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.286 ± 5.455 χ^2/NDF : 19.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



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: 14279.101+/-5.412 χ^2/NDF : 51462.9/8

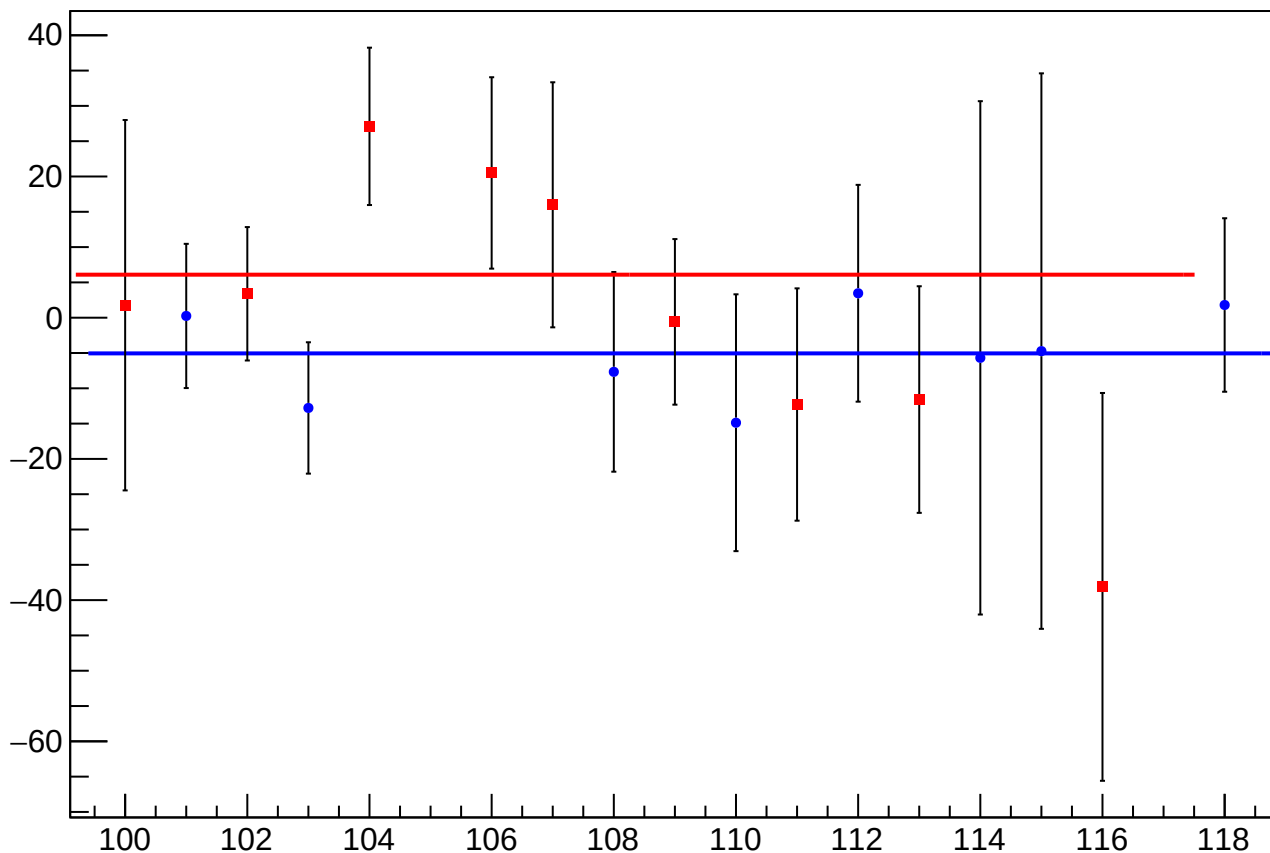
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14162.100+/-3.857 χ^2/NDF : 179903.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



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: 6.094+/-4.680 χ^2/NDF : 10.5/8

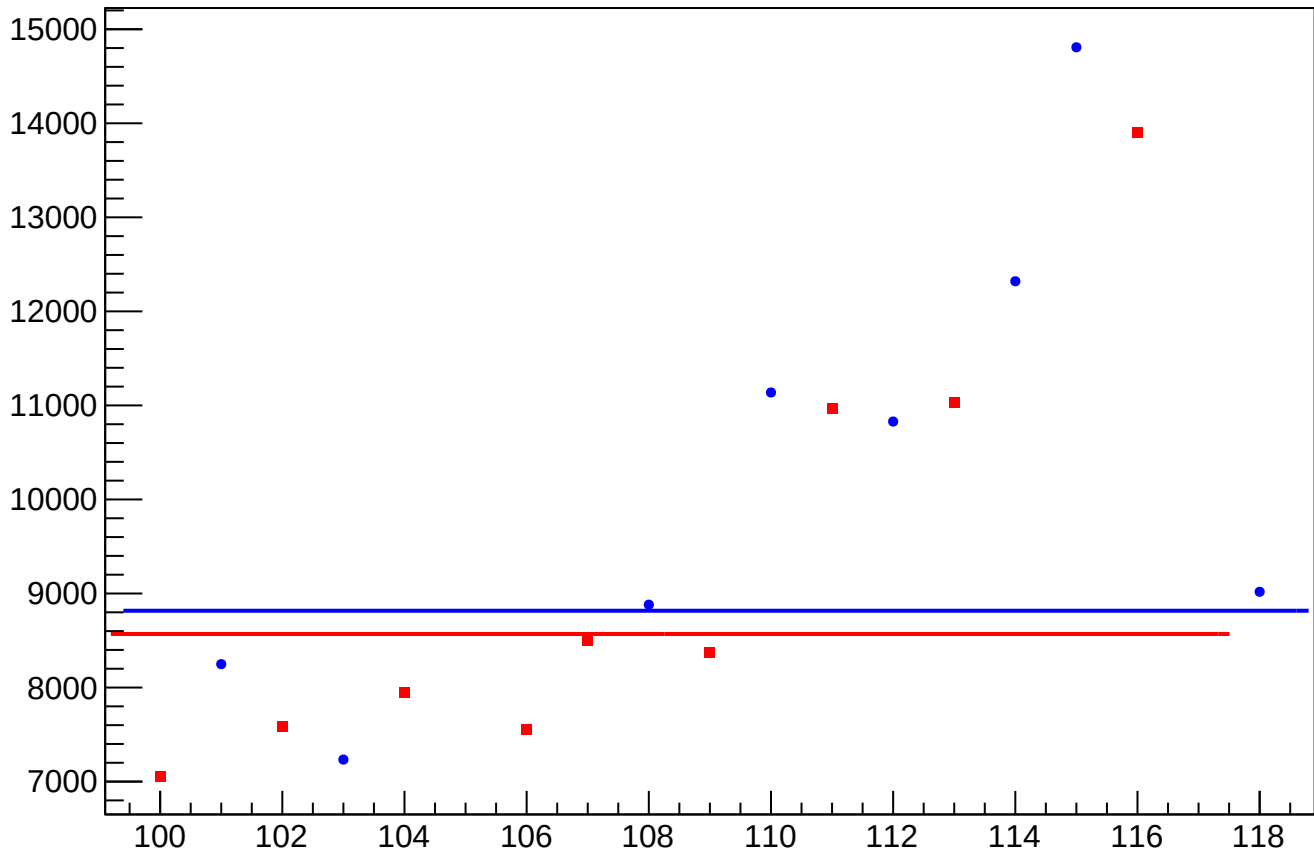
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.789+/-3.389 χ^2/NDF : 15.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8816.697 $\pm$ 3.474 χ^2 /NDF: 196530.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8569.578 $\pm$ 3.310 χ^2 /NDF: 211617.7/8

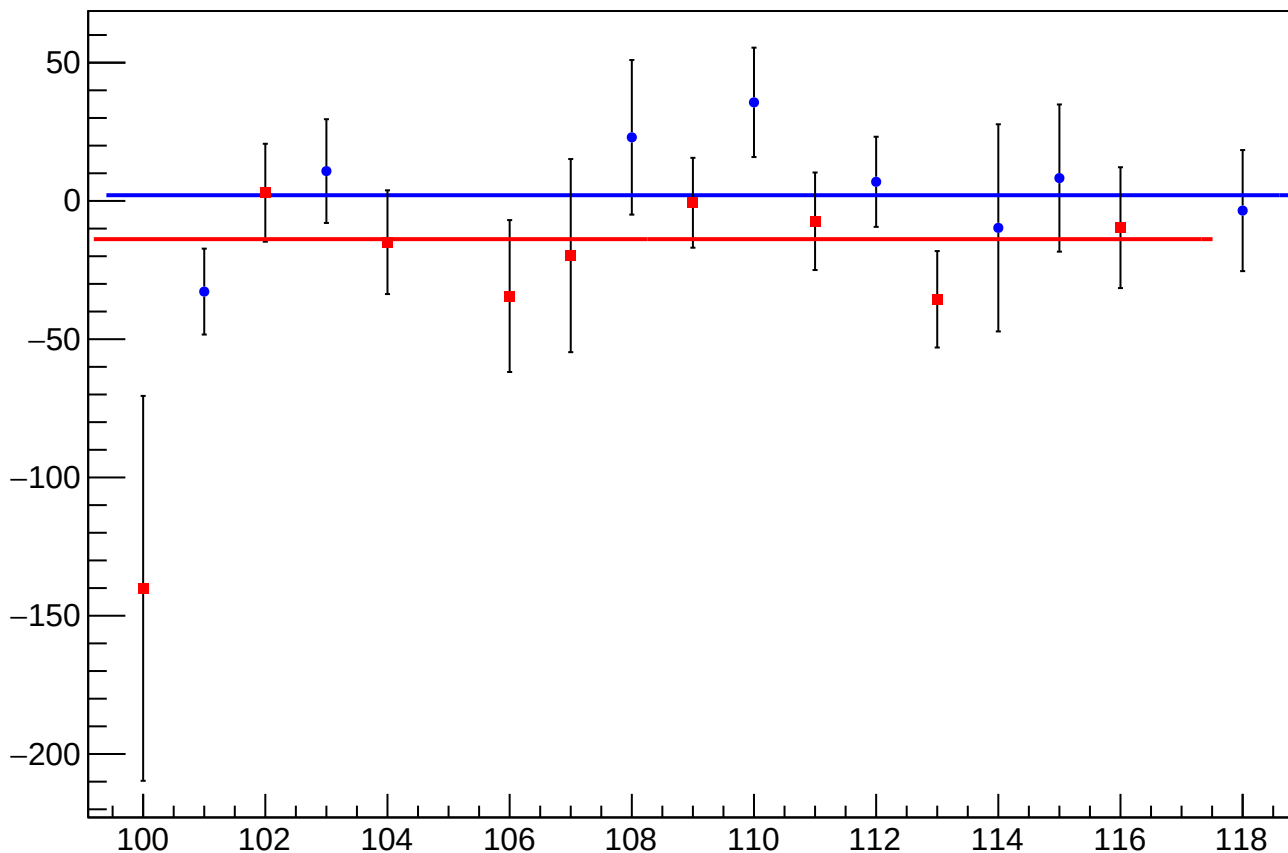
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8687.163 $\pm$ 2.396 χ^2 /NDF: 410800.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4ecX_mean vs Slug



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: -13.824+/-6.939 χ^2/NDF : 7.2/8

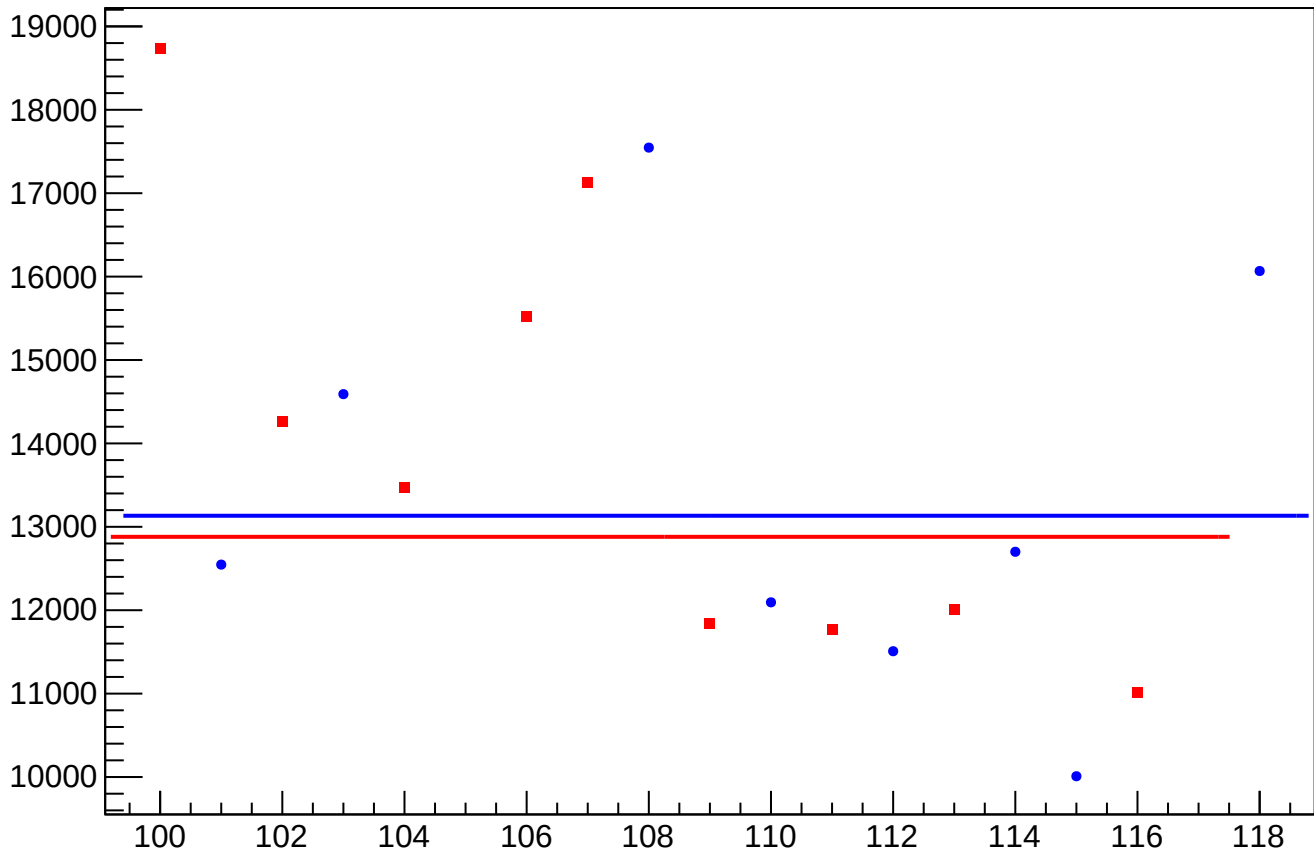
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.274+/-5.027 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13132.730+/-5.157 χ^2/NDF : 153915.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

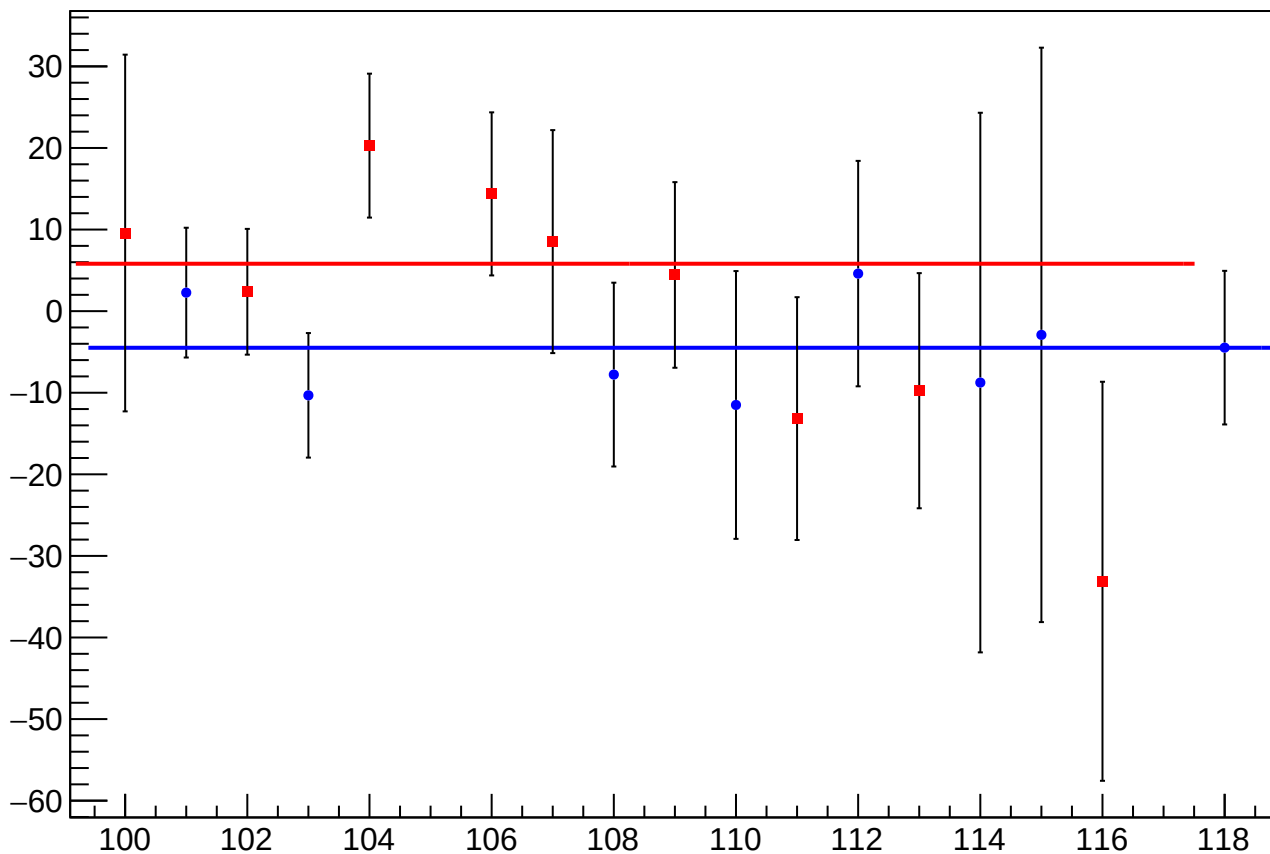
Right Out: 12880.001+/-4.906 χ^2/NDF : 112193.8/8

All: 13000.069+/-3.555 χ^2/NDF : 267369.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



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: 5.811+/-3.896 χ^2/NDF : 9.0/8

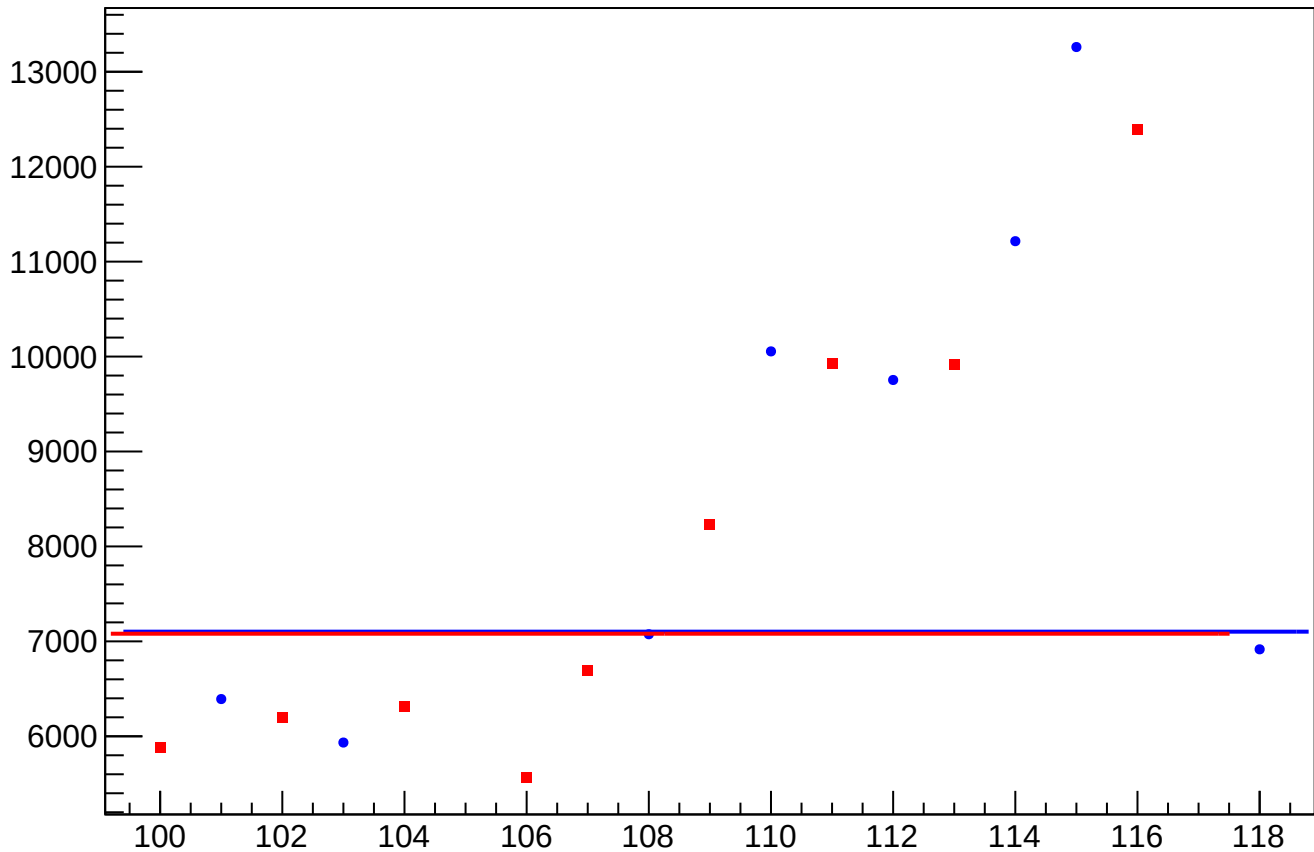
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.784+/-2.788 χ^2/NDF : 14.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7102.138 $\pm$ 2.821 χ^2 /NDF: 294068.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7080.512 $\pm$ 2.755 χ^2 /NDF: 359775.0/8

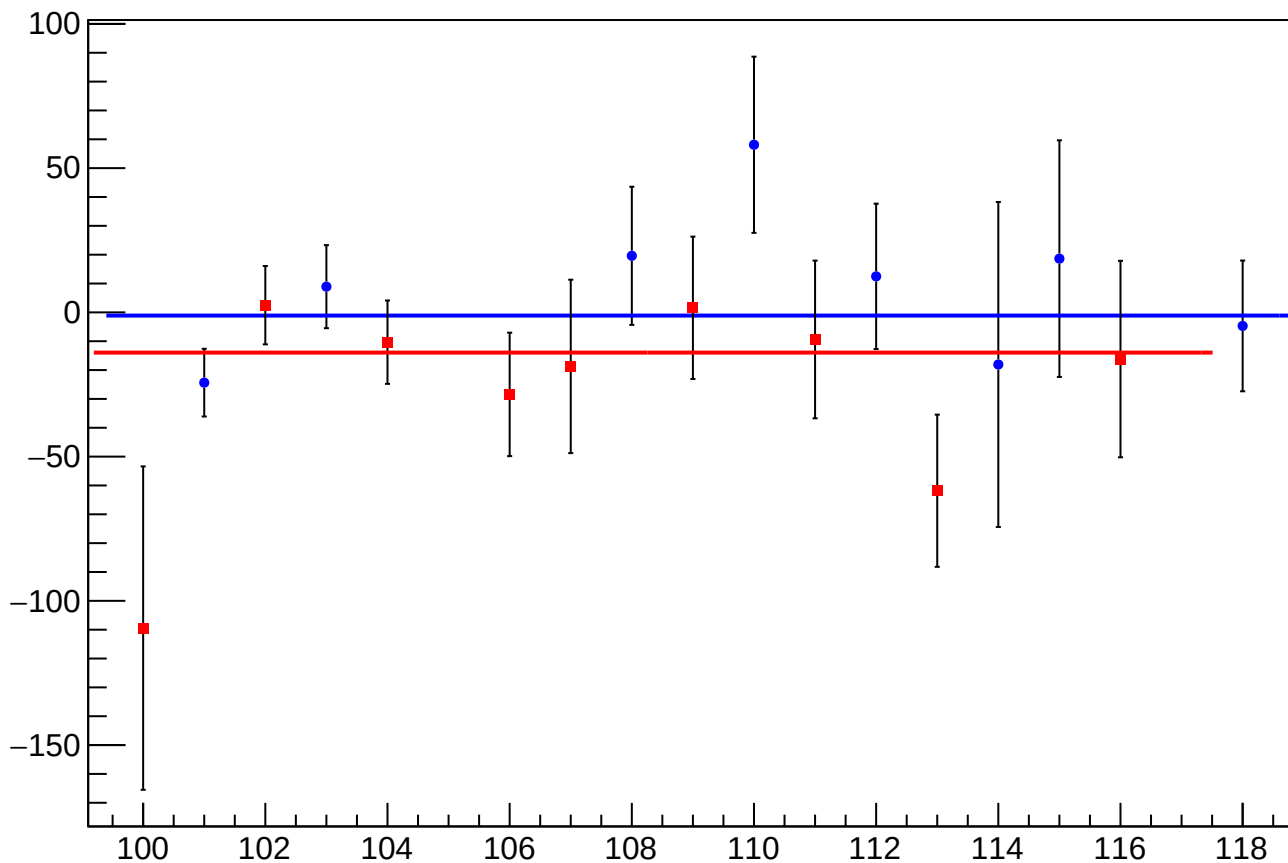
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7091.068 $\pm$ 1.971 χ^2 /NDF: 653873.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1X_mean vs Slug



Right In: -1.106 $\pm$ 7.193 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -13.940 $\pm$ 7.234 χ^2 /NDF: 8.6/8

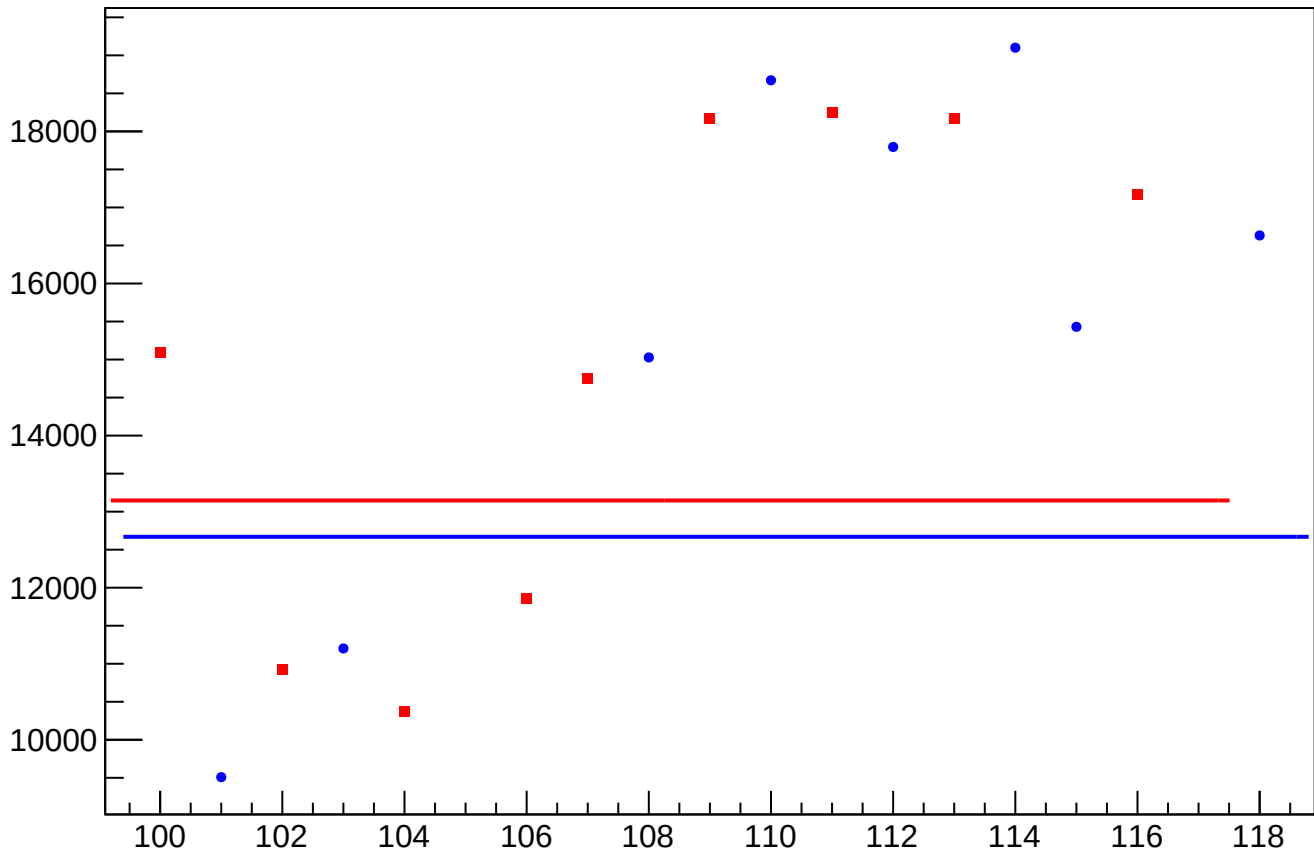
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.486 $\pm$ 5.101 χ^2 /NDF: 19.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1X_rms vs Slug



Right In: 12669.066 $\pm$ 5.086 χ^2 /NDF: 441600.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

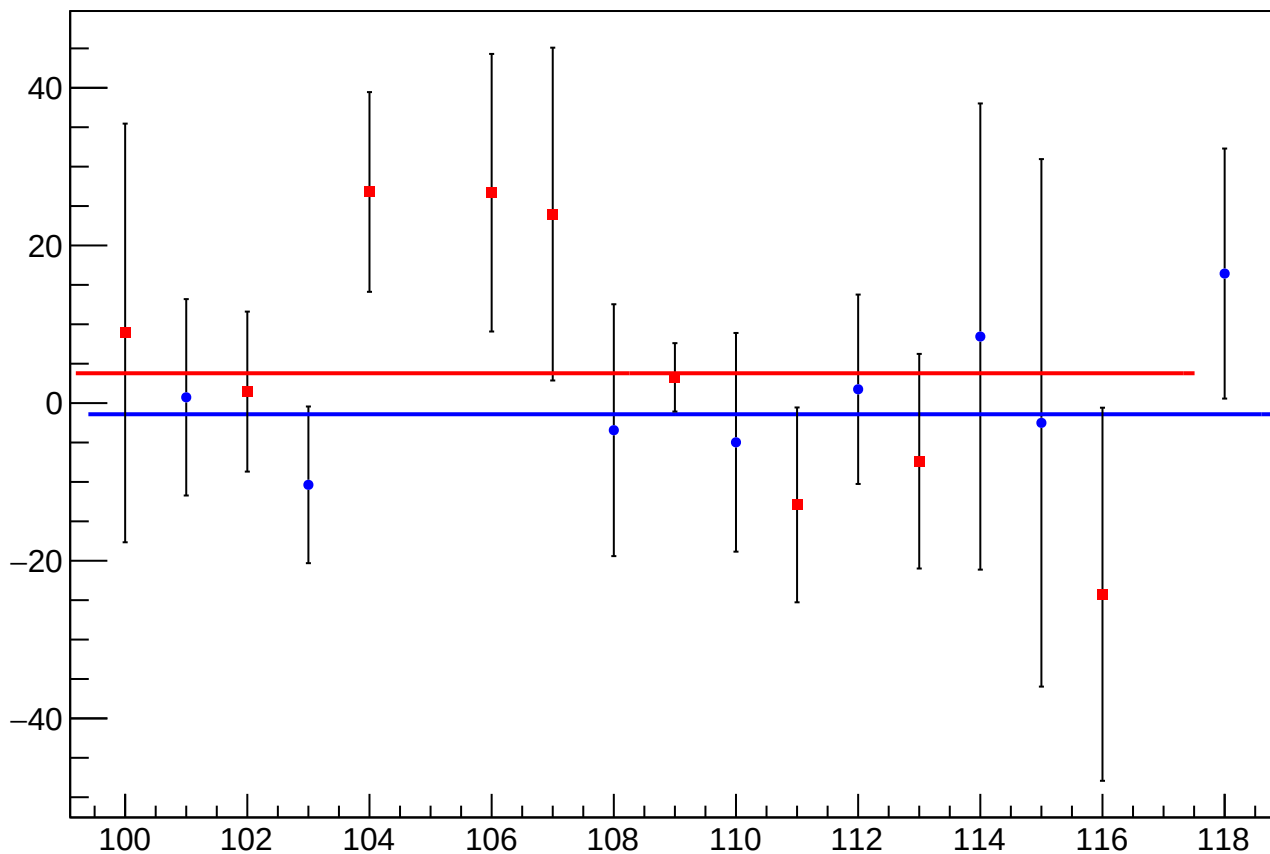
Right Out: 13147.034 $\pm$ 5.115 χ^2 /NDF: 395202.6/8

All: 12906.686 $\pm$ 3.607 χ^2 /NDF: 841193.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1Y_mean vs Slug



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: 3.787+/-3.338 χ^2/NDF : 9.9/8

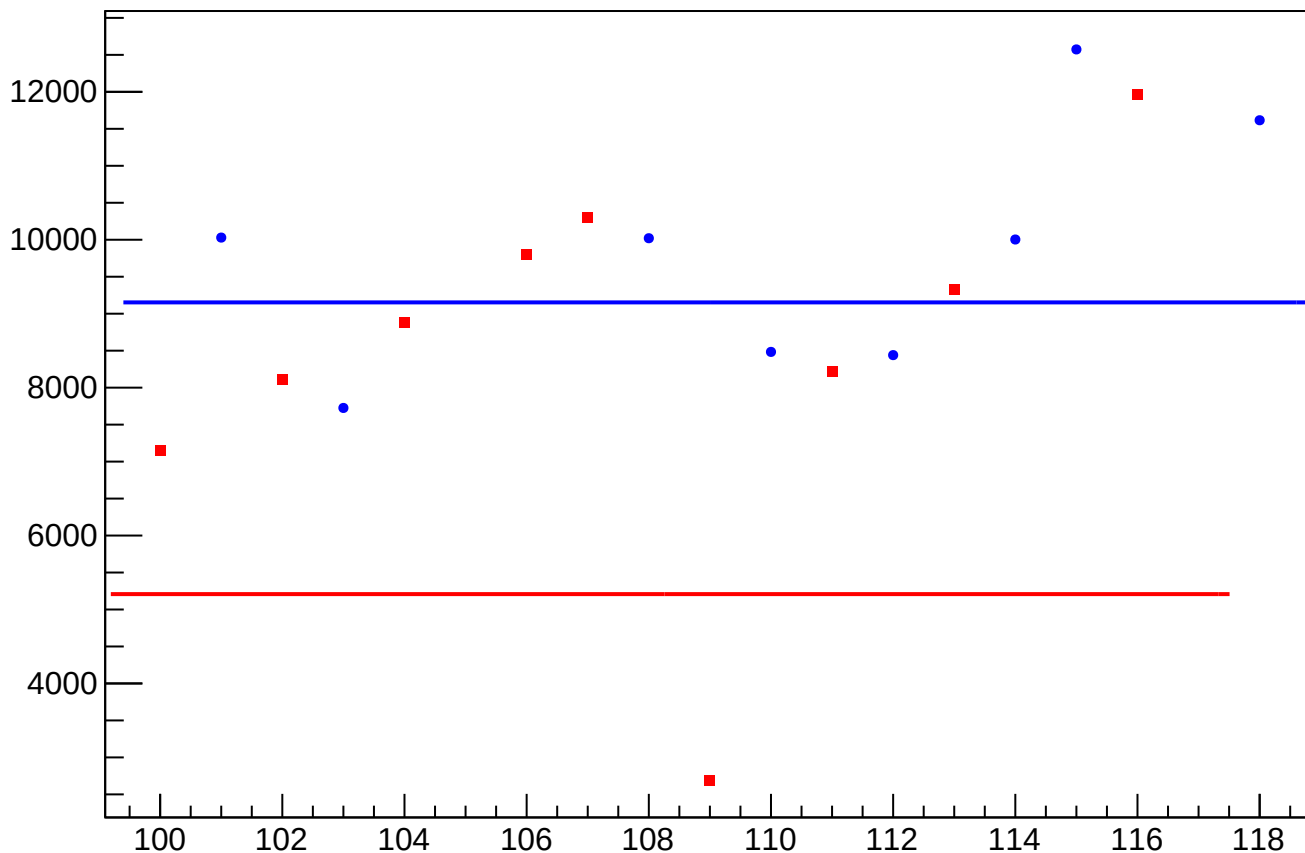
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.222+/-2.791 χ^2/NDF : 13.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



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: 5208.218+/-2.361 χ^2/NDF : 1736474.8/8

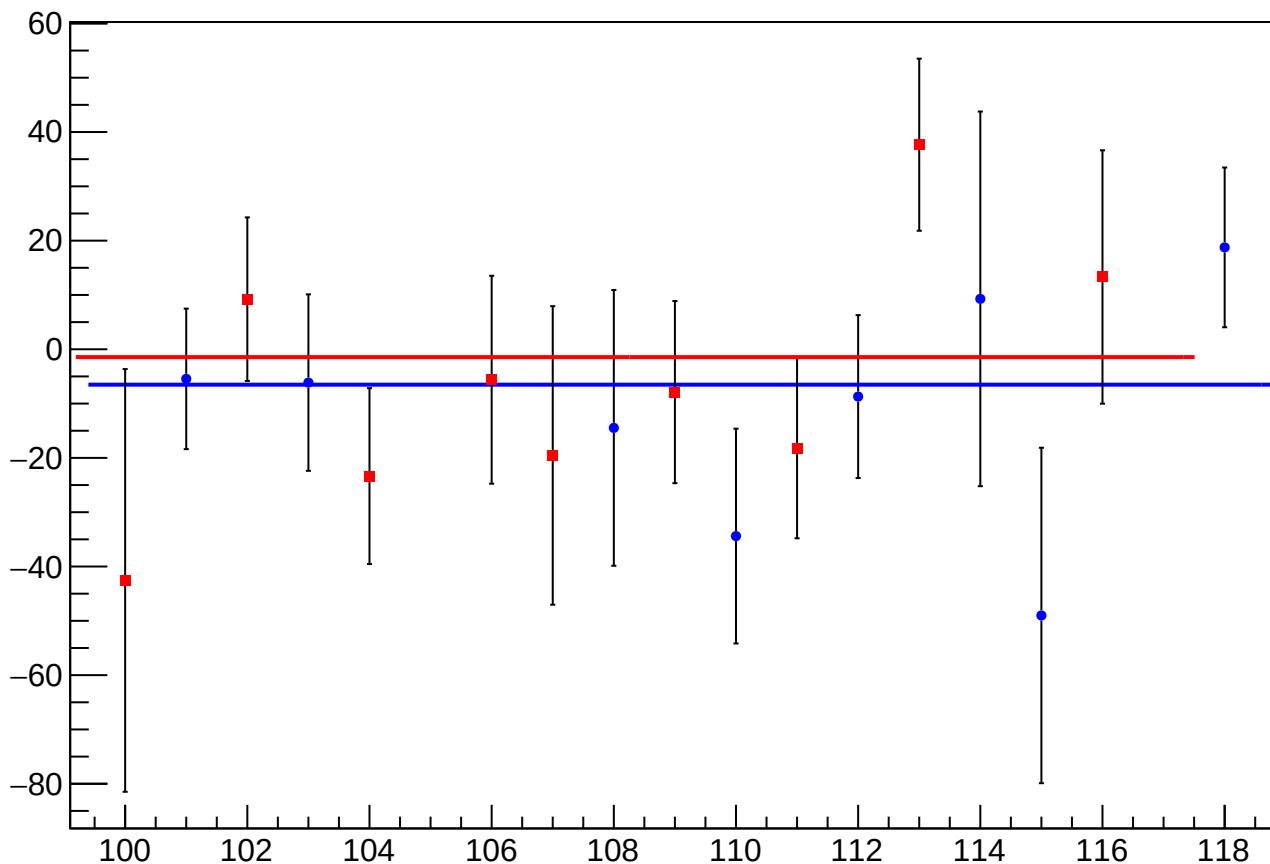
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6395.184+/-1.974 χ^2/NDF : 2716225.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_mean vs Slug



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: -1.439+/-6.208 χ^2/NDF : 11.6/8

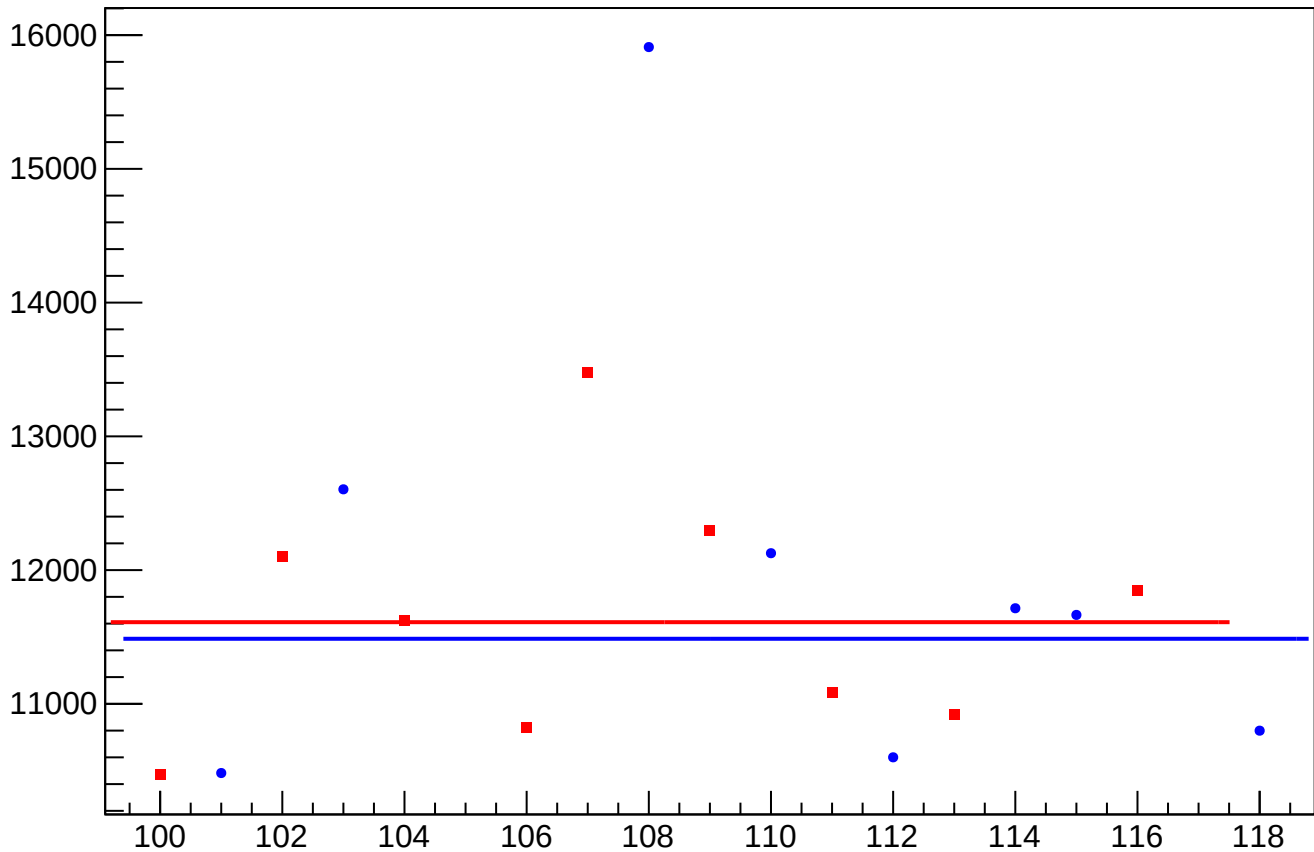
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.922+/-4.438 χ^2/NDF : 19.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



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: 11610.657+/-4.390 χ^2/NDF : 25805.6/8

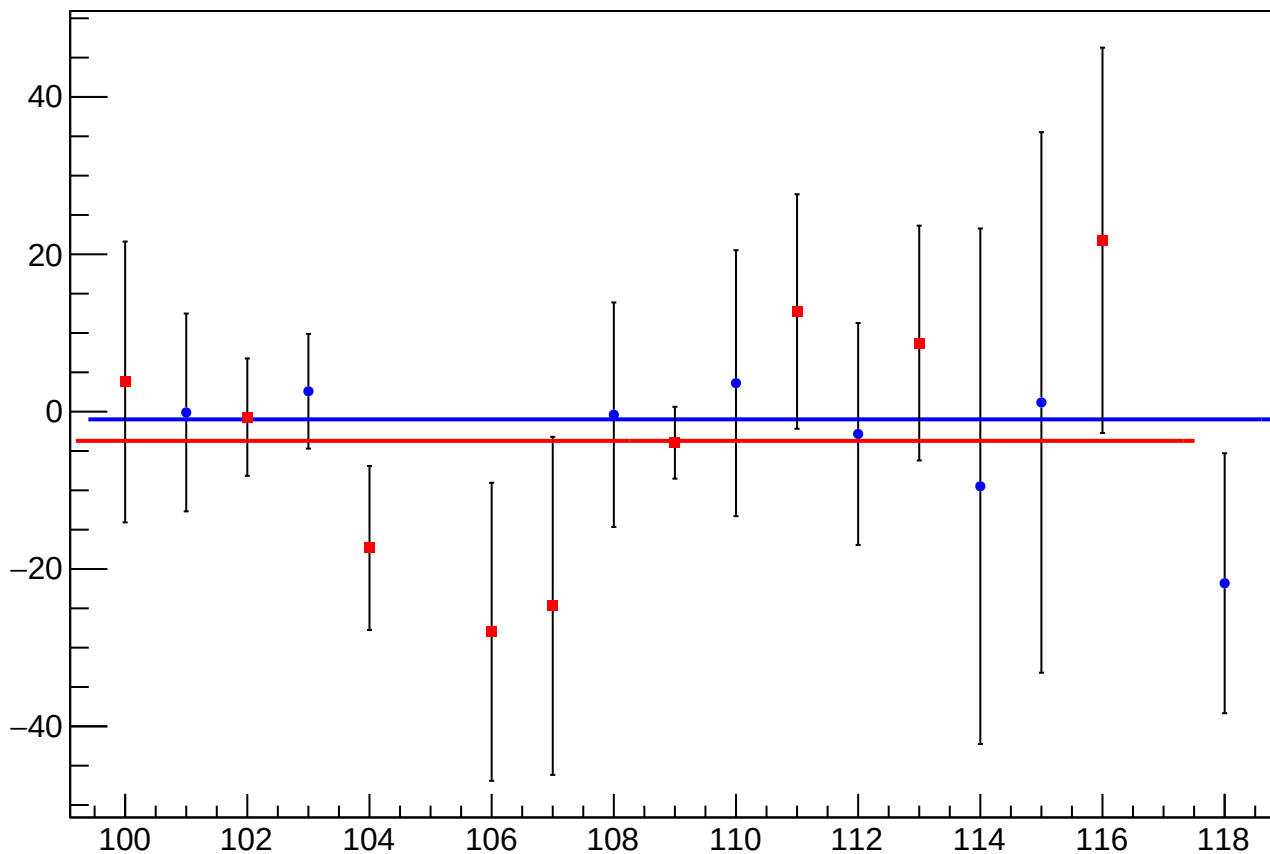
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11549.981+/-3.138 χ^2/NDF : 122019.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -0.979 ± 4.767 $\chi^2/\text{NDF}: 2.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.712 ± 3.264 $\chi^2/\text{NDF}: 7.6/8$

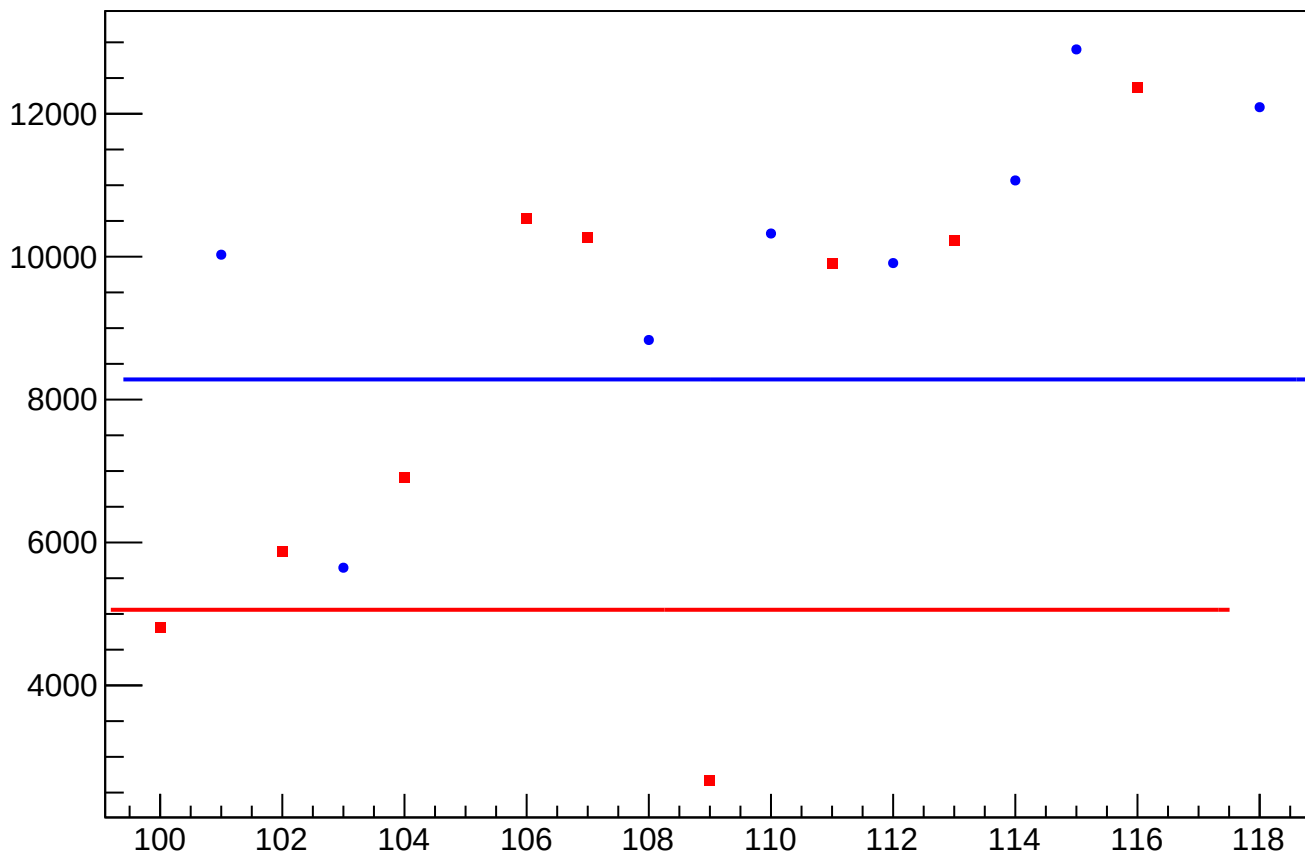
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.840 ± 2.693 $\chi^2/\text{NDF}: 9.9/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm11Y_rms vs Slug



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: 5058.396+/-2.308 χ^2/NDF : 1549469.2/8

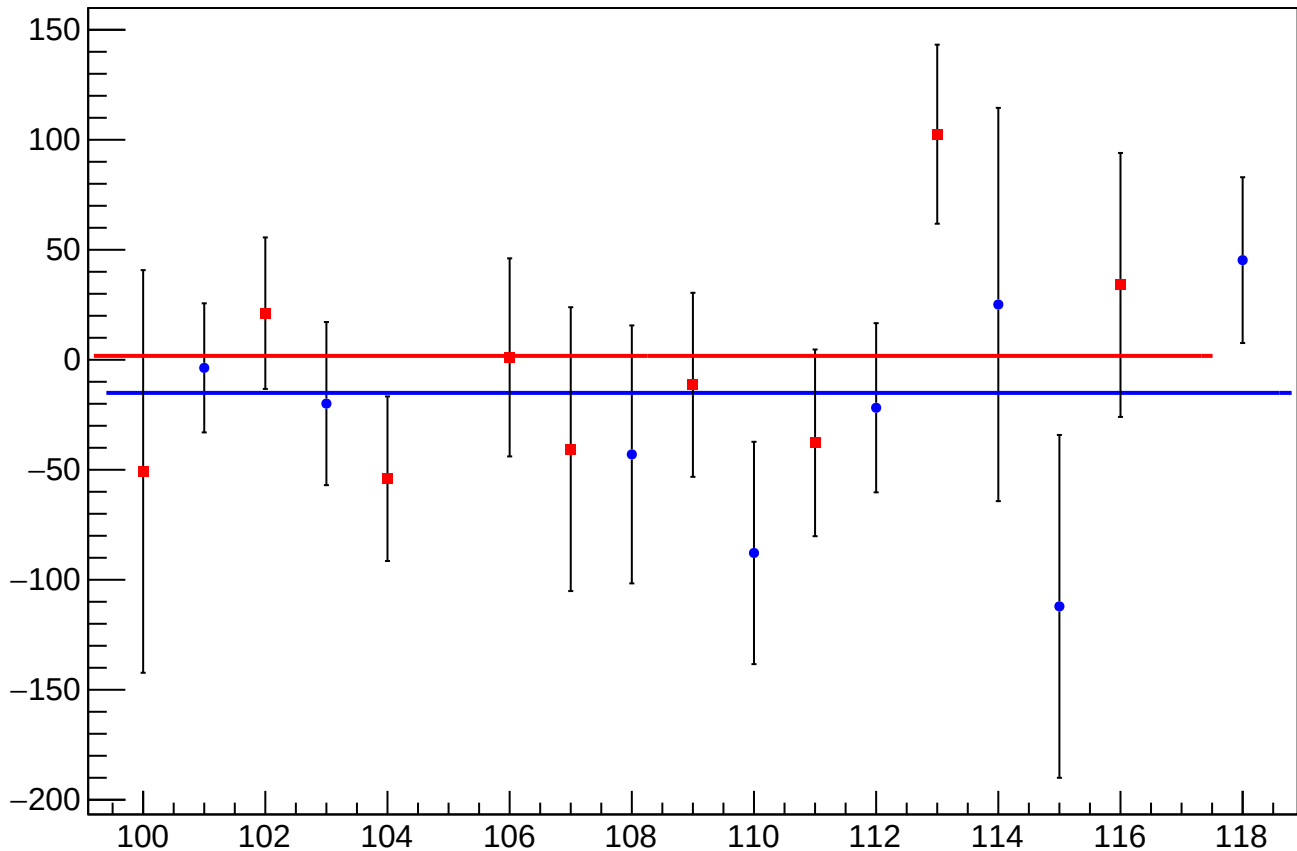
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6087.496+/-1.904 χ^2/NDF : 2687730.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



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: 1.776 $\pm$ 15.041 χ^2 /NDF: 10.7/8

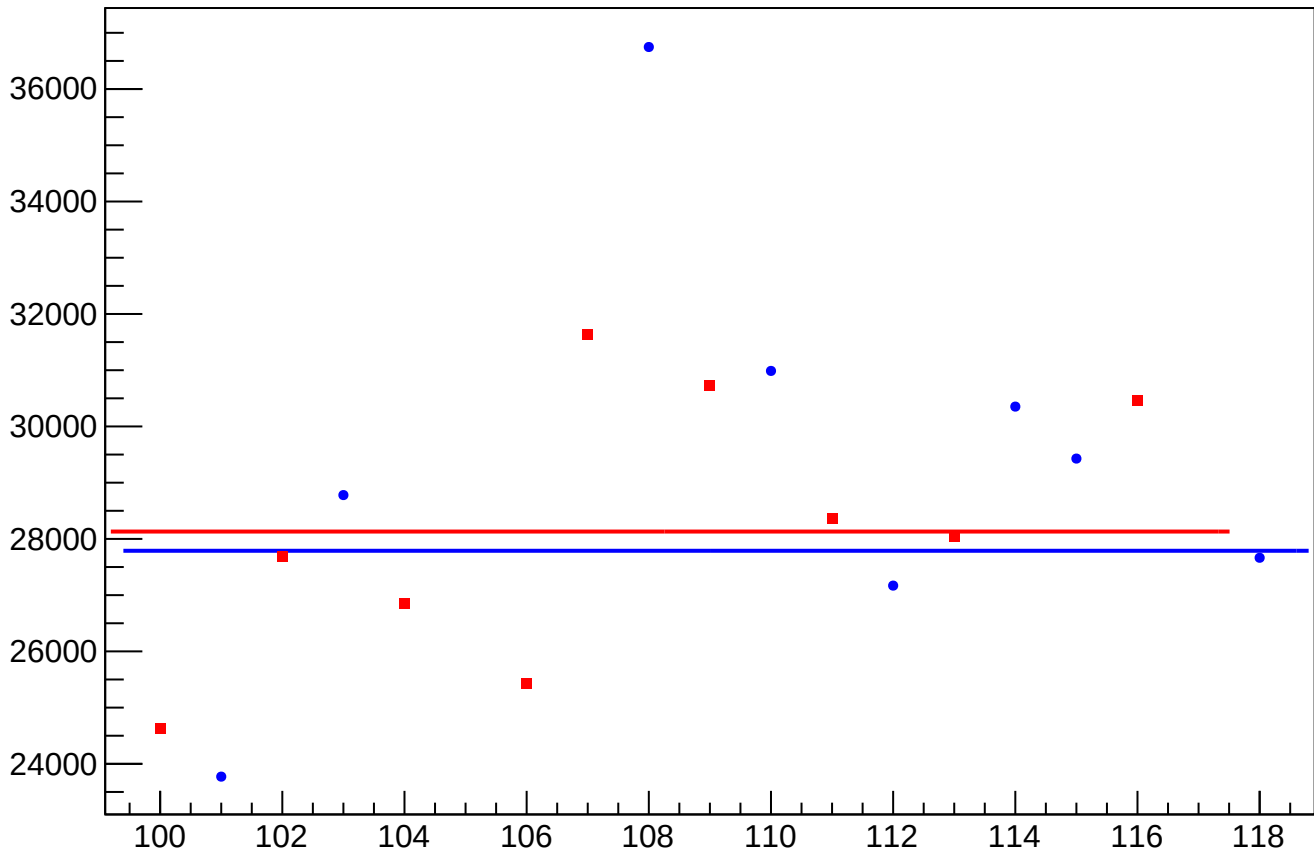
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.462 $\pm$ 10.745 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm12X_rms vs Slug



Right In: 27788.972 $\pm$ 10.858 χ^2 /NDF: 96675.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

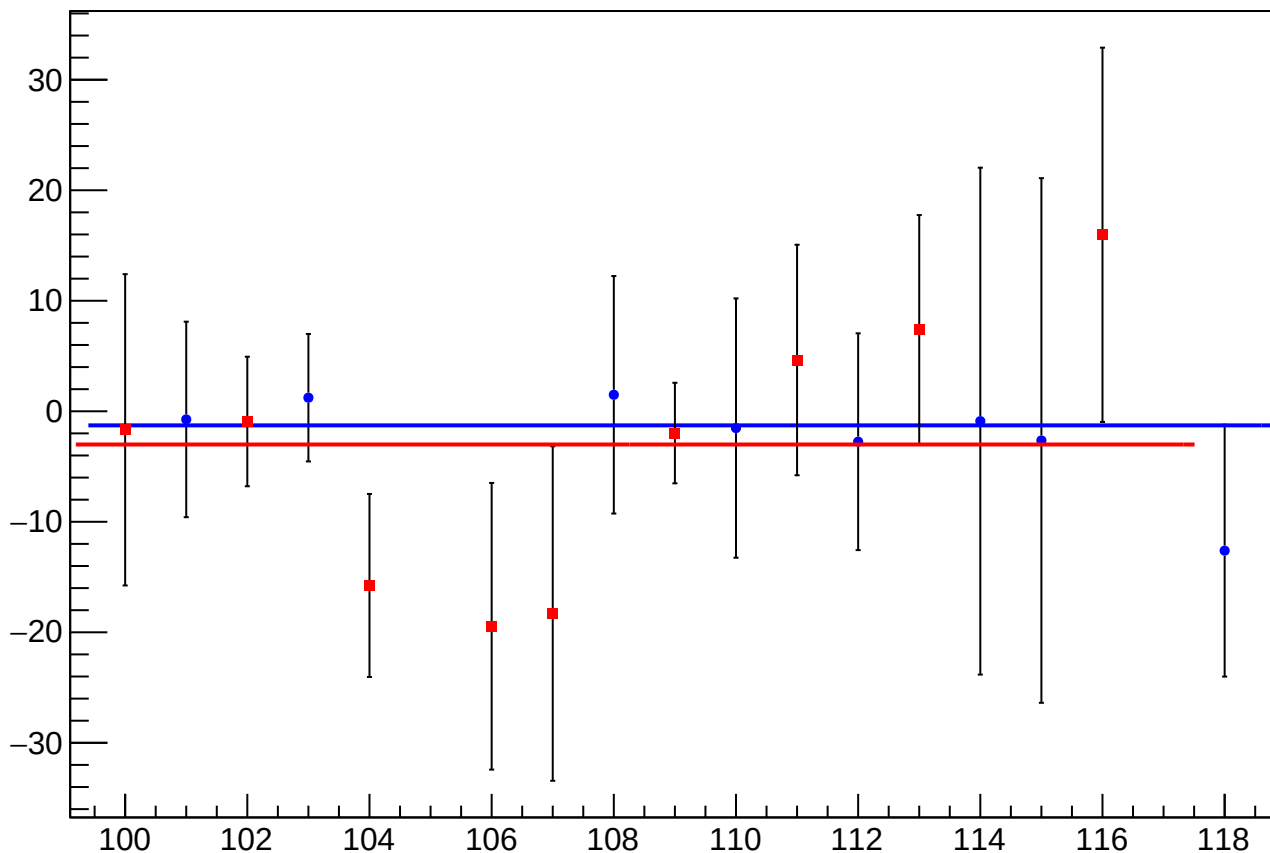
Right Out: 28130.919 $\pm$ 10.636 χ^2 /NDF: 29504.3/8

All: 27963.471 $\pm$ 7.598 χ^2 /NDF: 126685.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm12Y_mean vs Slug



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: -3.006+/-2.780 χ^2/NDF : 8.0/8

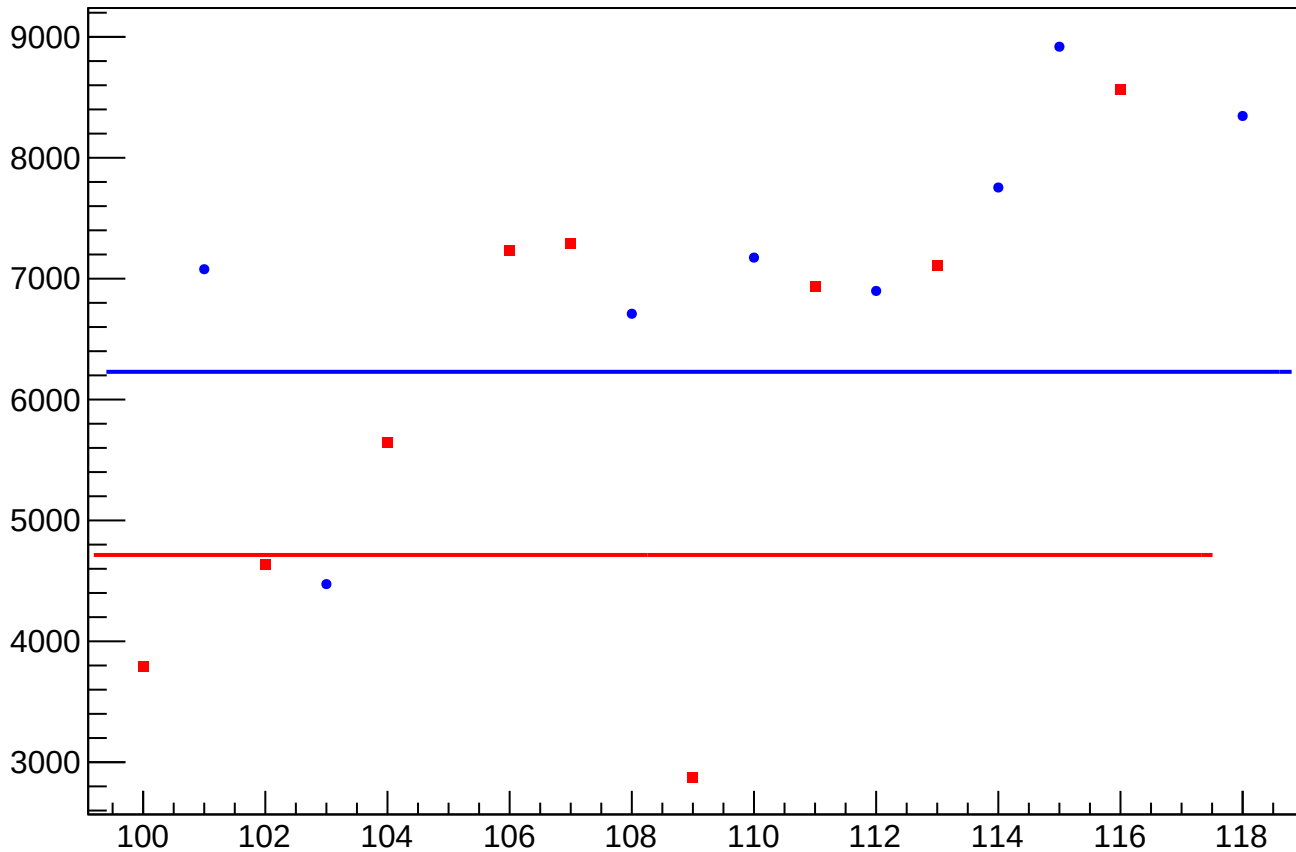
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.342+/-2.183 χ^2/NDF : 9.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug



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: 4714.415+/-1.966 χ^2/NDF : 795478.9/8

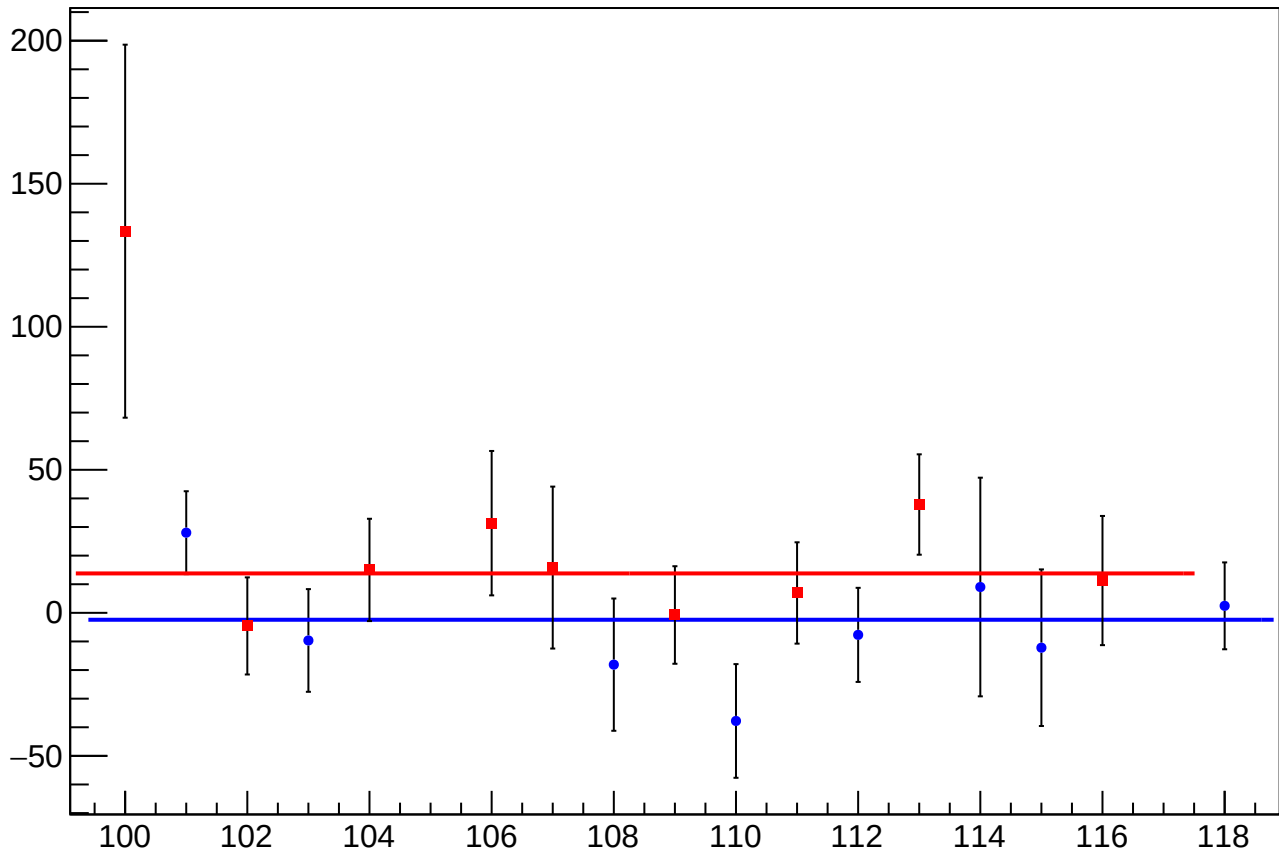
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5295.768+/-1.543 χ^2/NDF : 1356939.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs Slug



Right In: -2.418 $\pm$ 6.692 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.777 $\pm$ 6.822 χ^2 /NDF: 7.8/8

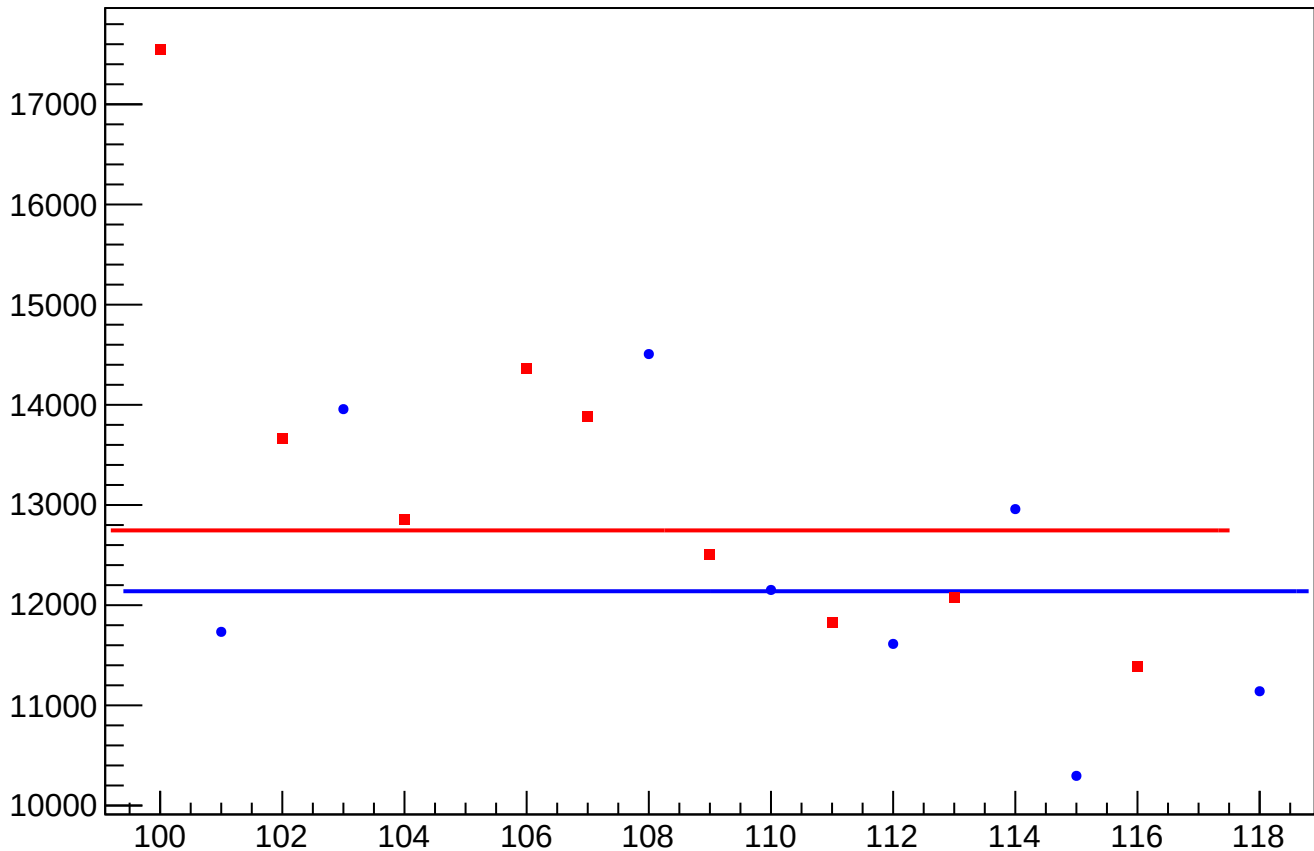
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.525 $\pm$ 4.777 χ^2 /NDF: 19.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16X_rms vs Slug



Right In: 12139.226 $\pm$ 4.732 χ^2 /NDF: 63737.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12746.487 $\pm$ 4.824 χ^2 /NDF: 44103.1/8

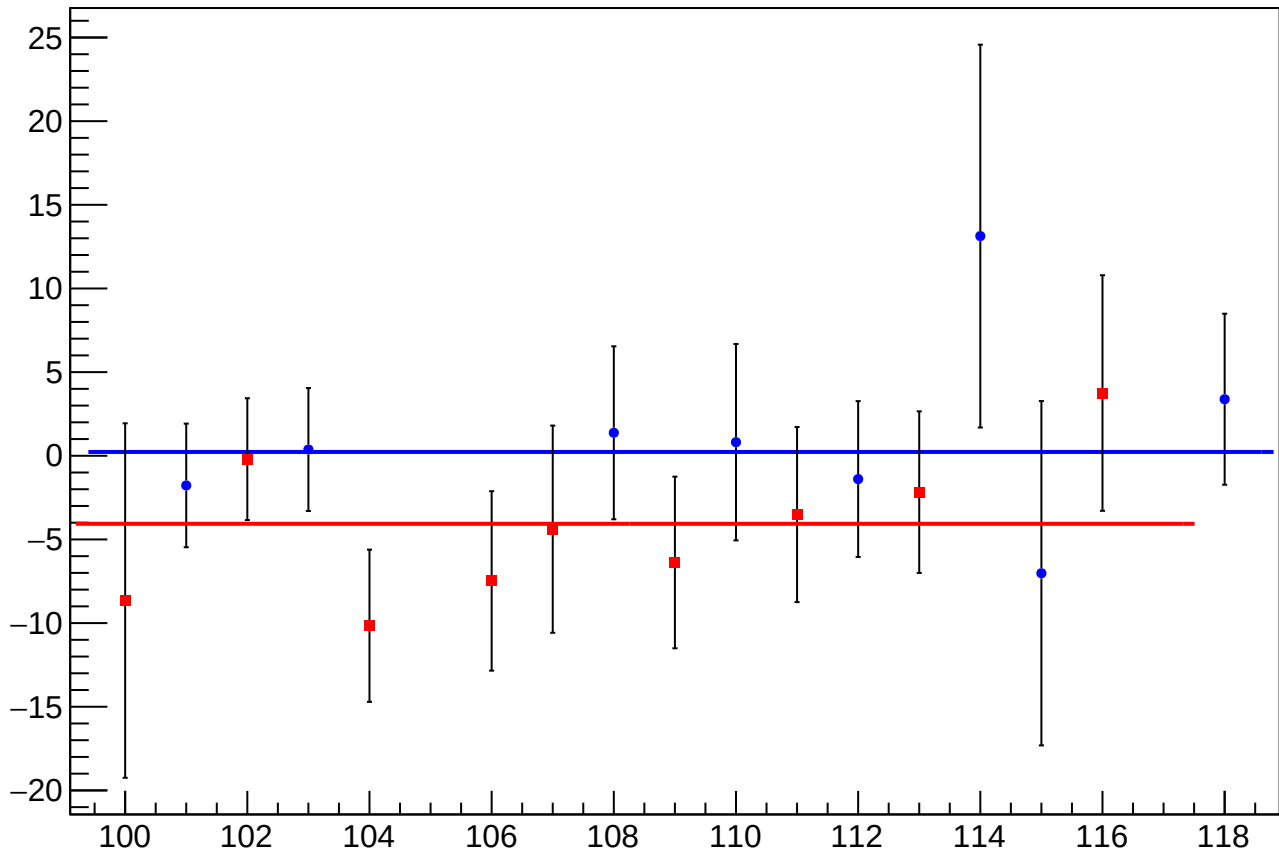
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12437.052 $\pm$ 3.378 χ^2 /NDF: 115916.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 0.229 ± 1.781 χ^2/NDF : 2.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.065 ± 1.738 χ^2/NDF : 5.1/8

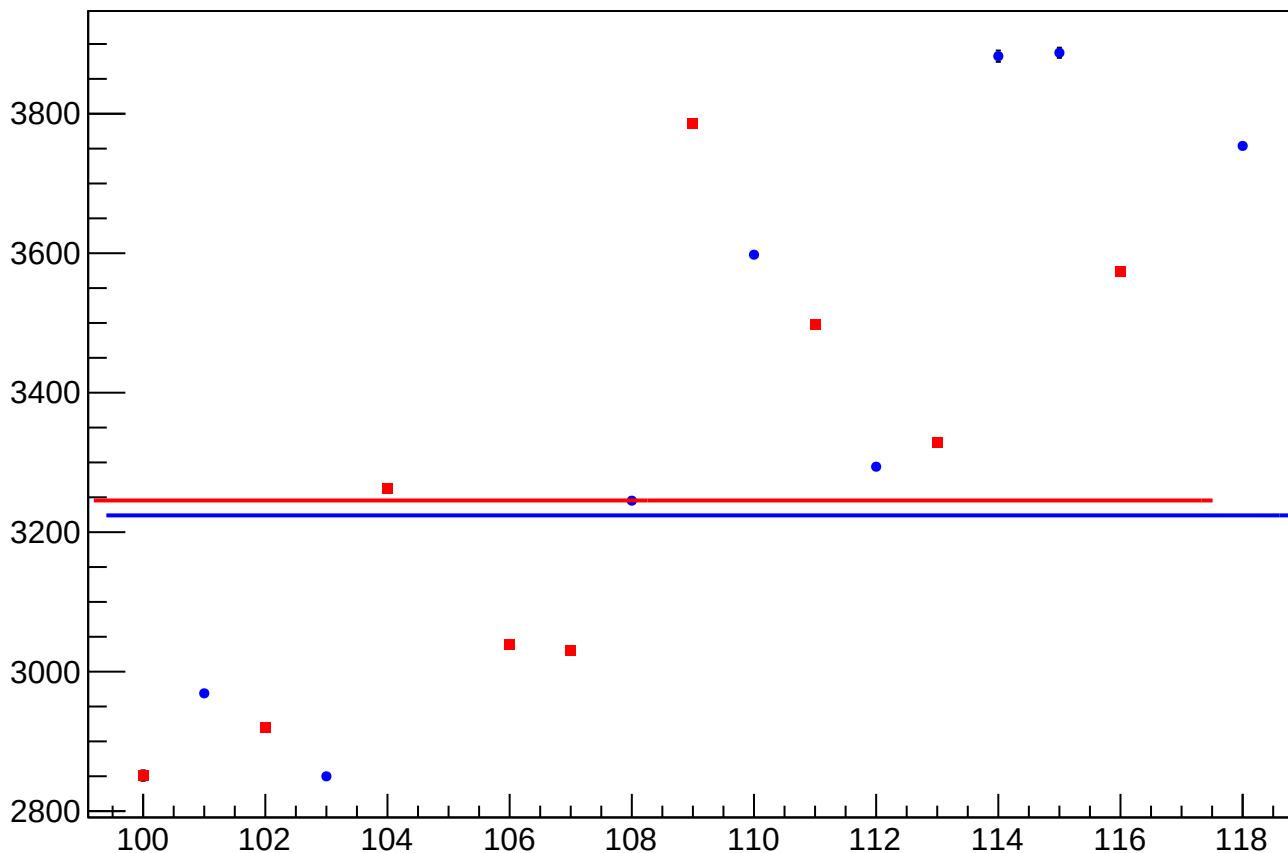
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.970 ± 1.244 χ^2/NDF : 10.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



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: 3245.465+/-1.229 χ^2/NDF : 55846.8/8

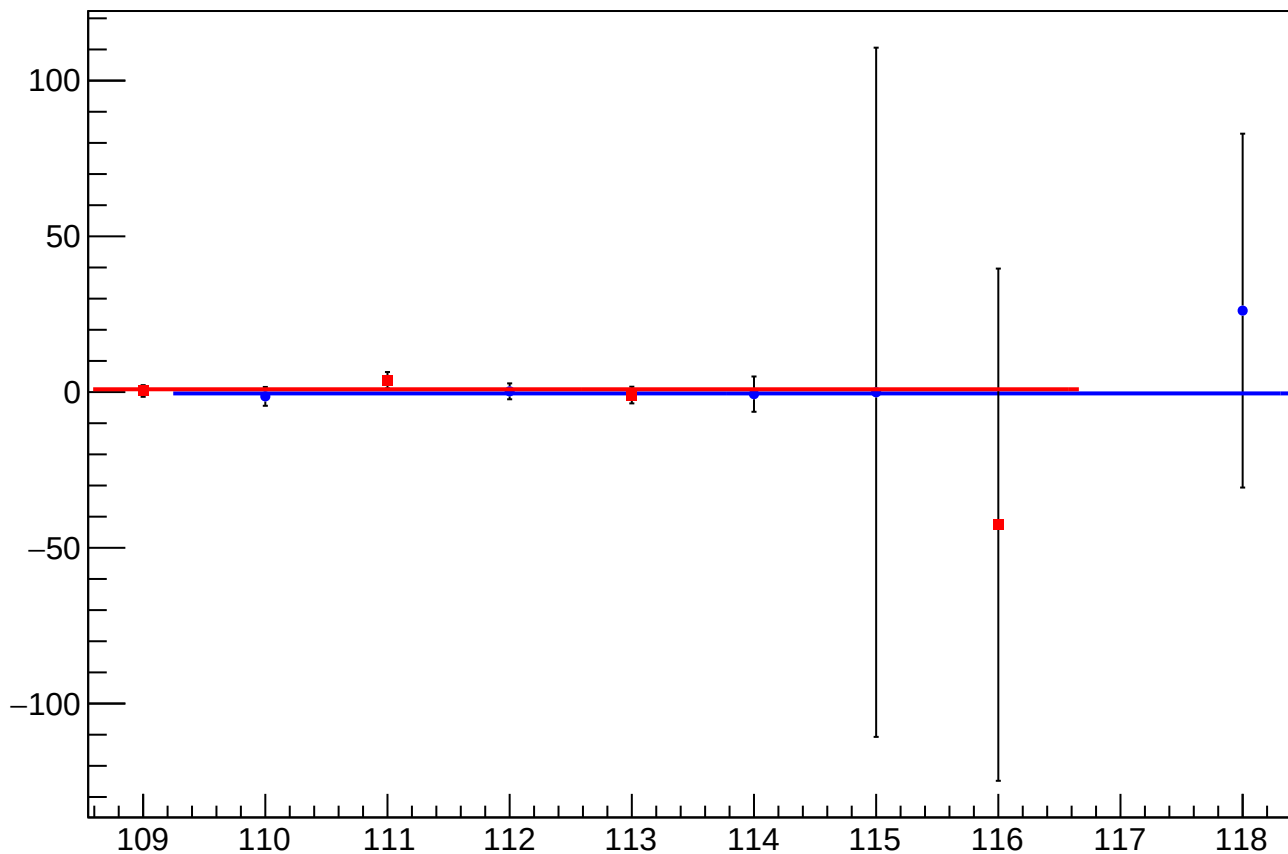
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3235.029+/-0.880 χ^2/NDF : 131310.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_mean vs Slug



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: 0.902+/-1.325 χ^2 /NDF: 2.1/3

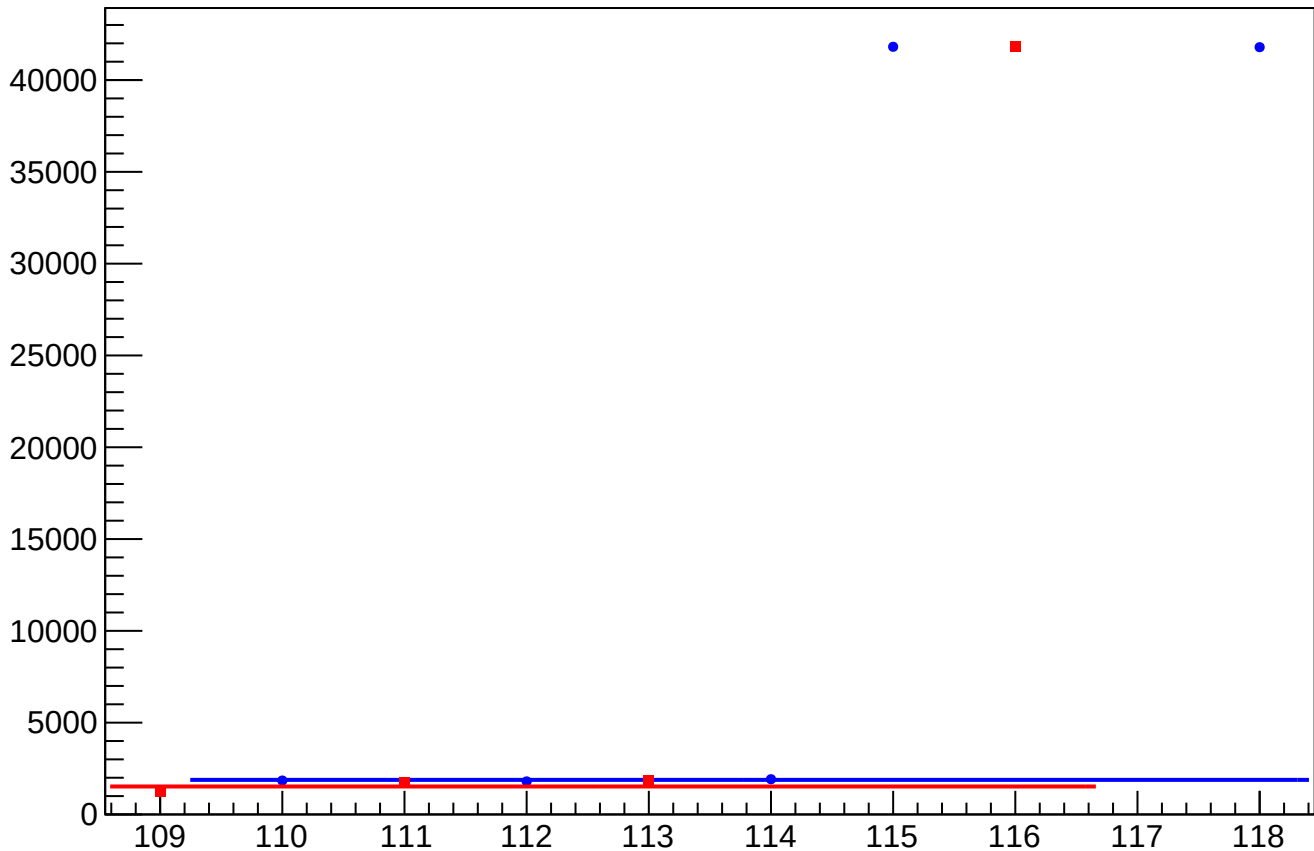
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.449+/-1.076 χ^2 /NDF: 2.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1884.024 $\pm$ 1.303 χ^2 /NDF: 1249979.6/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1523.339 $\pm$ 0.937 χ^2 /NDF: 572133.2/3

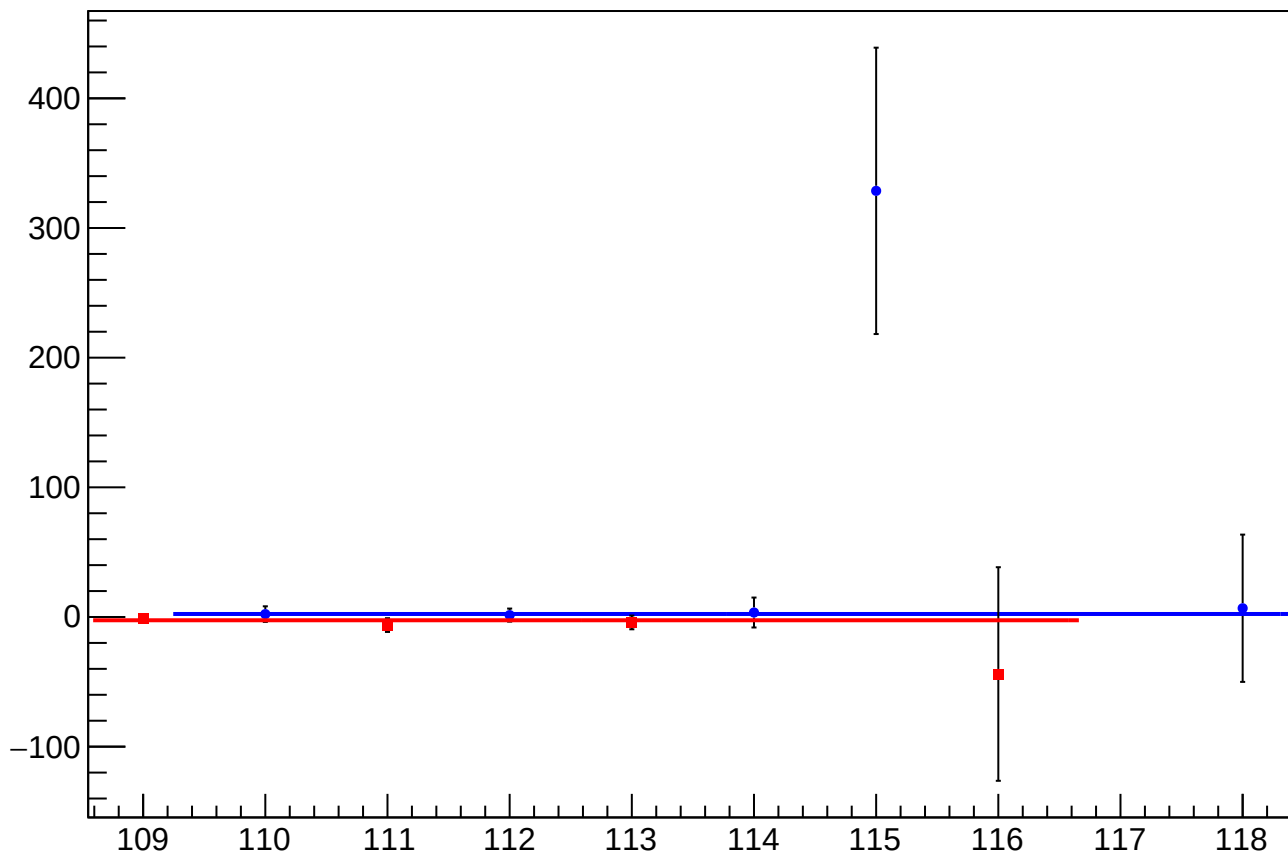
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1646.154 $\pm$ 0.761 χ^2 /NDF: 1872611.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_mean vs Slug



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: -2.527+/-2.277 χ^2/NDF : 1.2/3

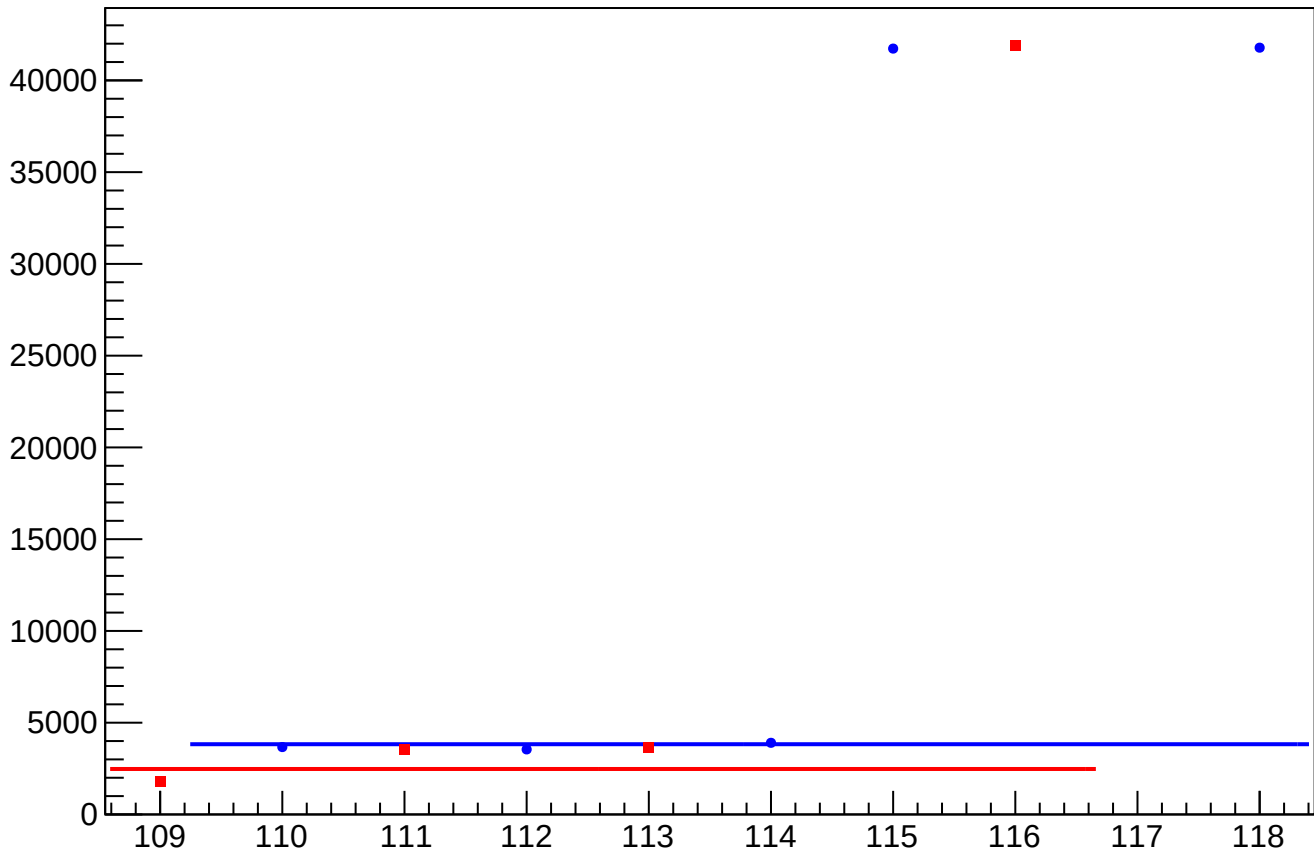
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.171+/-1.933 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 3827.381 $\pm$ 2.583 χ^2 /NDF: 1136576.5/4

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2477.884 $\pm$ 1.610 χ^2 /NDF: 749375.0/3

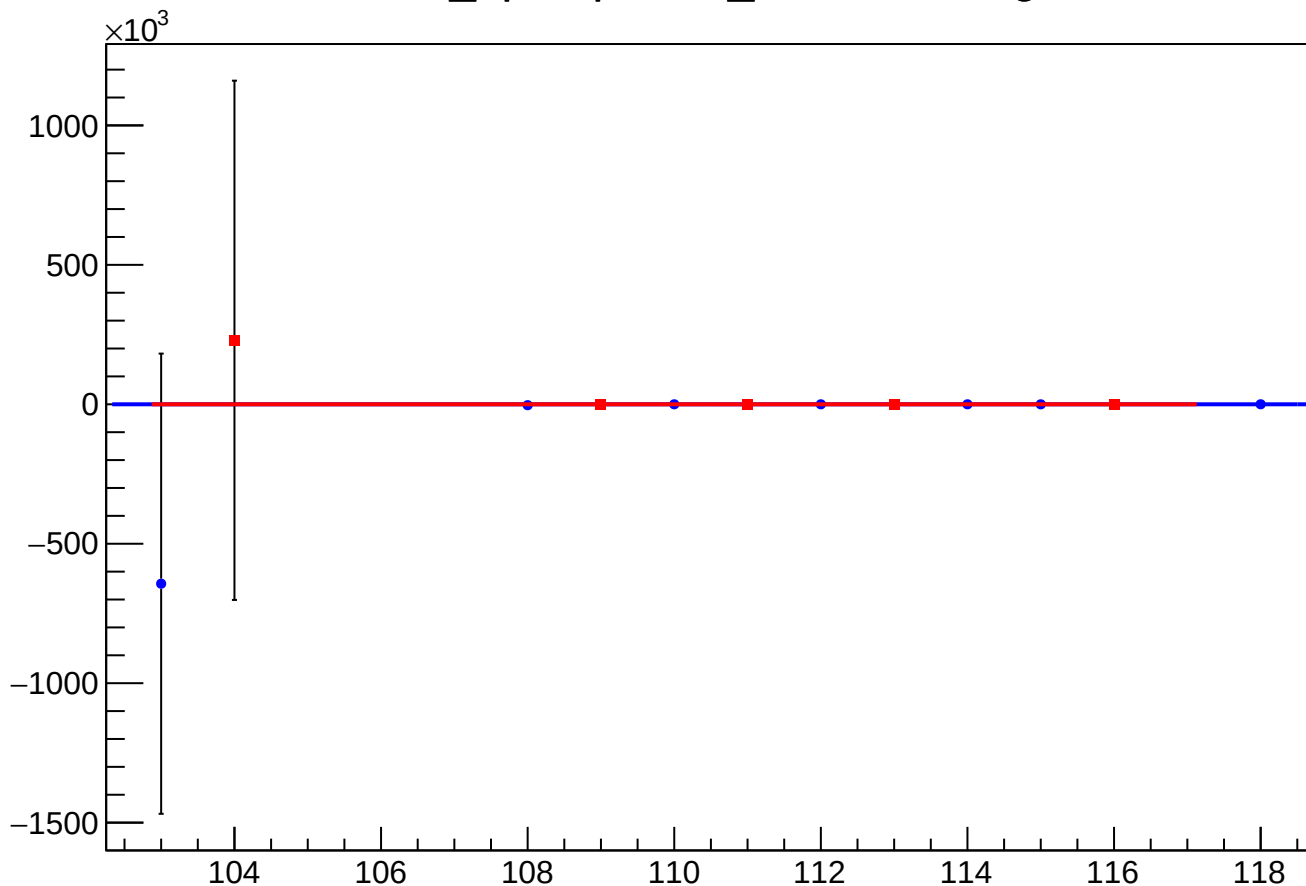
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2855.565 $\pm$ 1.367 χ^2 /NDF: 2082485.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_mean vs Slug



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: -3.794 $\pm$ 2.476 χ^2 /NDF: 4.5/4

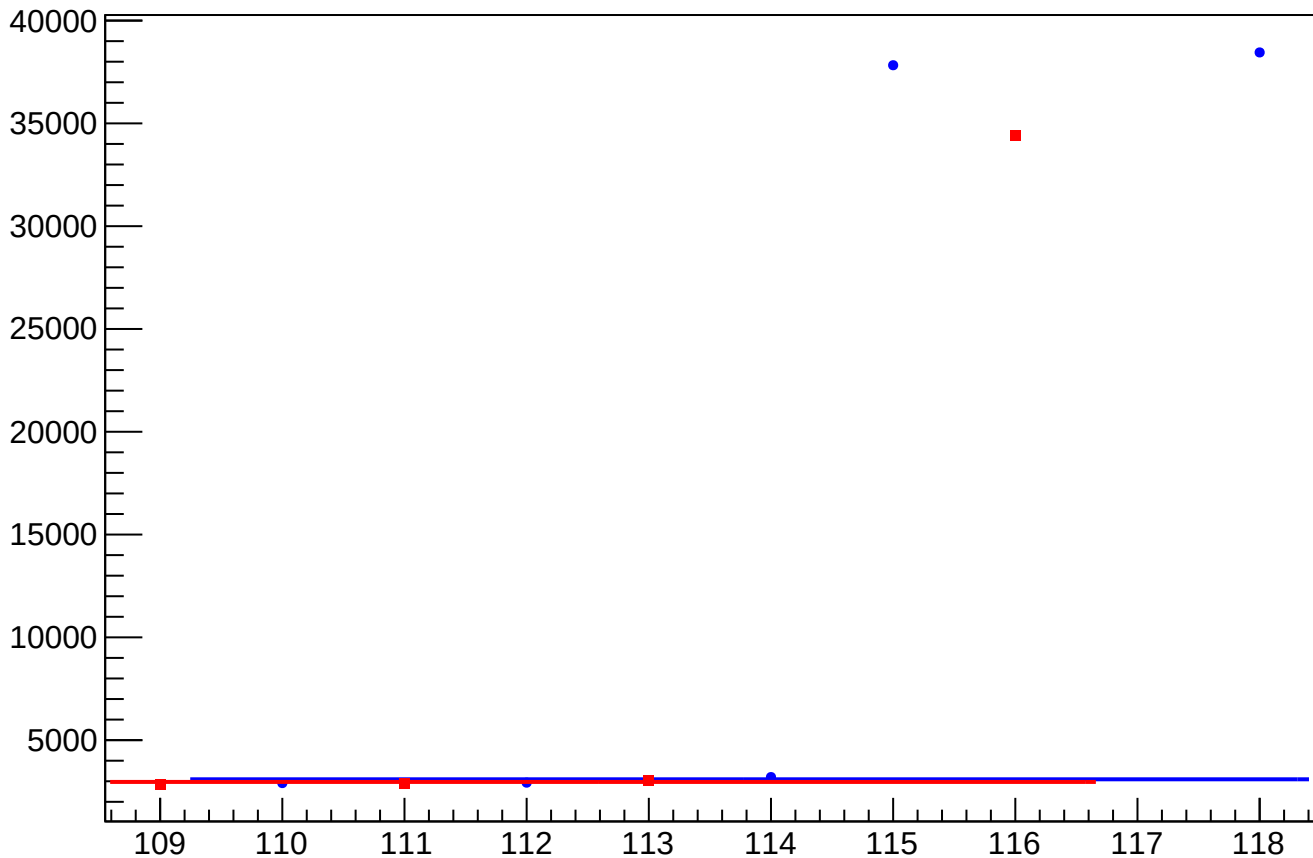
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.214 $\pm$ 1.900 χ^2 /NDF: 17.0/11

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



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: 2967.748+/-1.751 χ^2/NDF : 434450.2/3

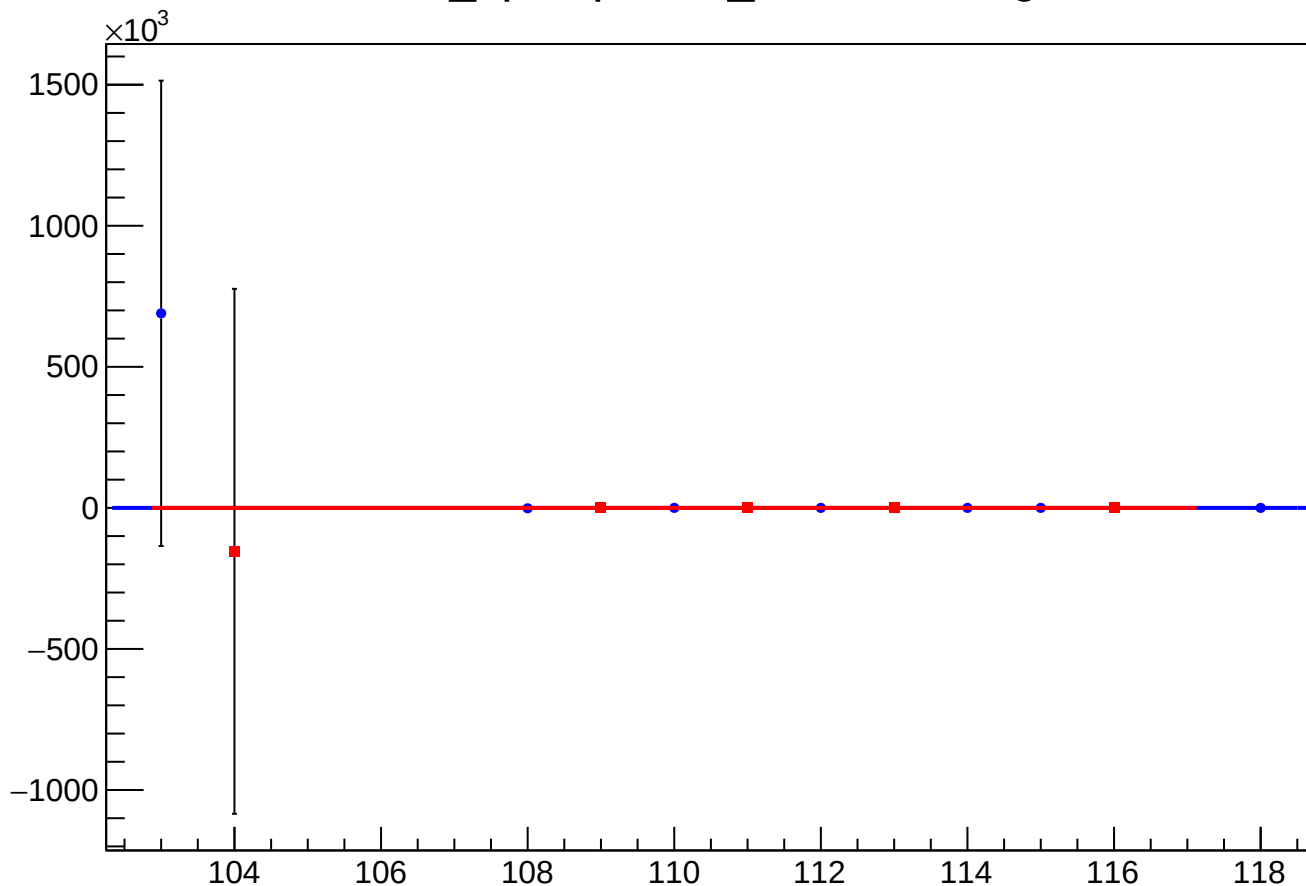
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3020.277+/-1.344 χ^2/NDF : 1592951.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



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: -2.410 $\pm$ 1.933 χ^2 /NDF: 1.6/4

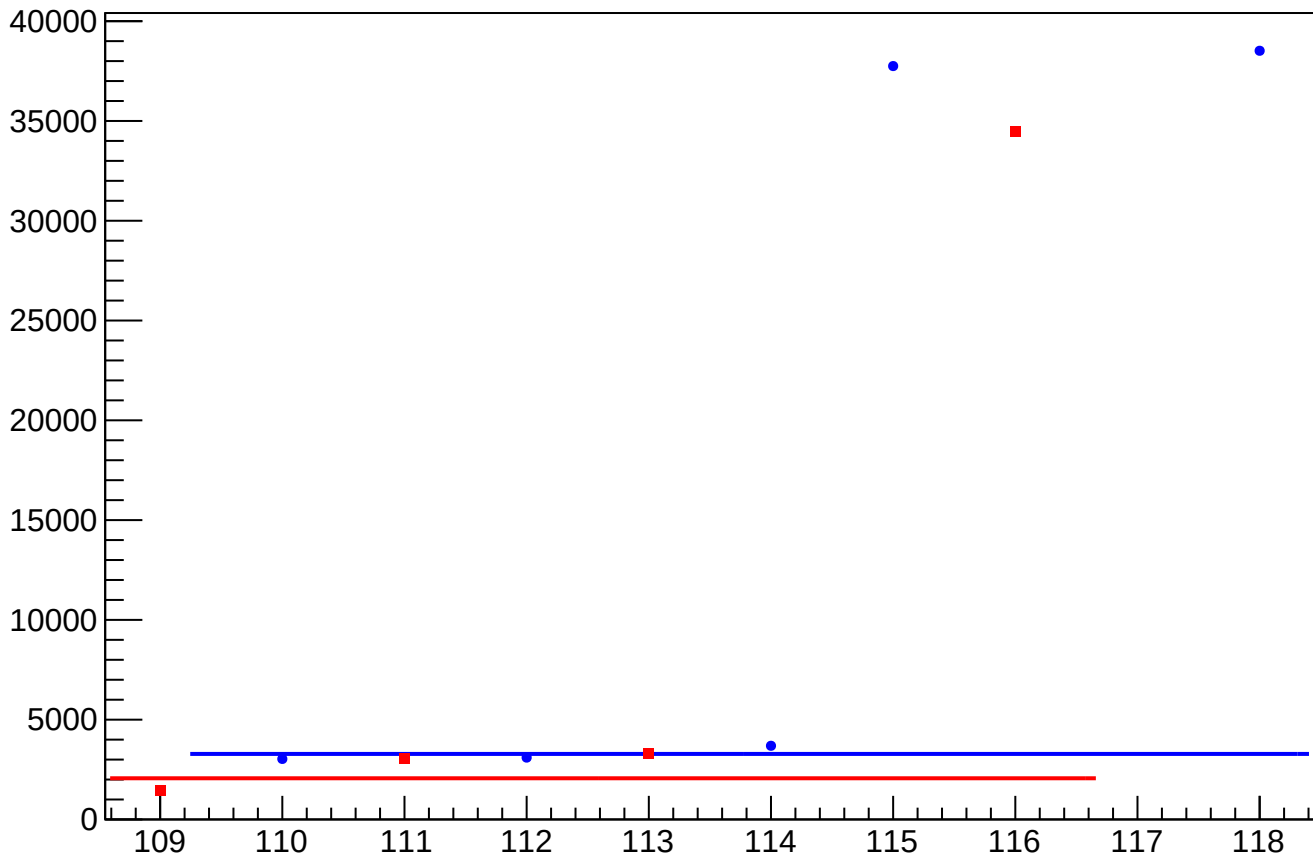
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.692 $\pm$ 1.648 χ^2 /NDF: 3.5/11

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug



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: 2063.470 $\pm$ 1.367 χ^2 /NDF: 802670.5/3

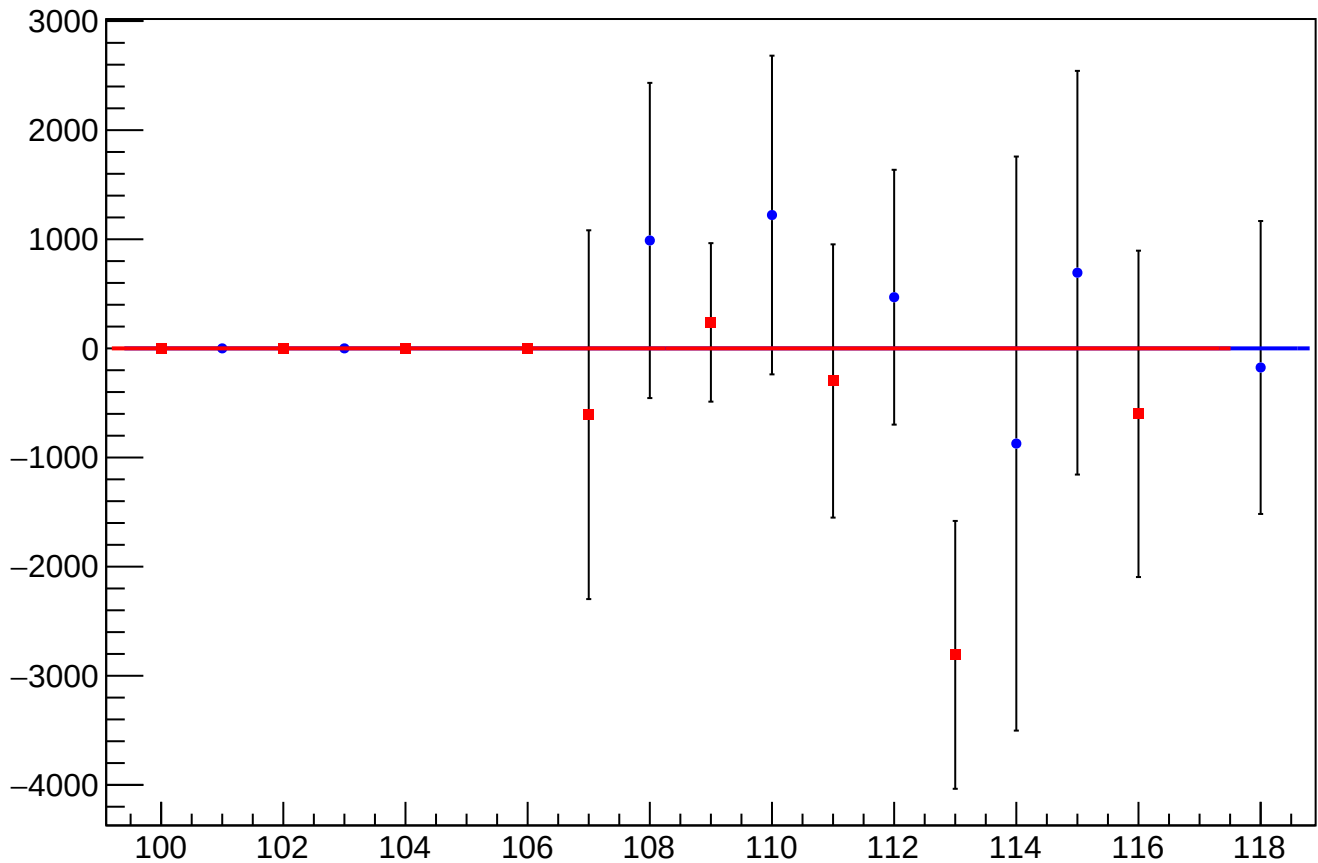
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2397.619 $\pm$ 1.165 χ^2 /NDF: 2169964.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4bX_mean vs Slug



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 : 9.2/8

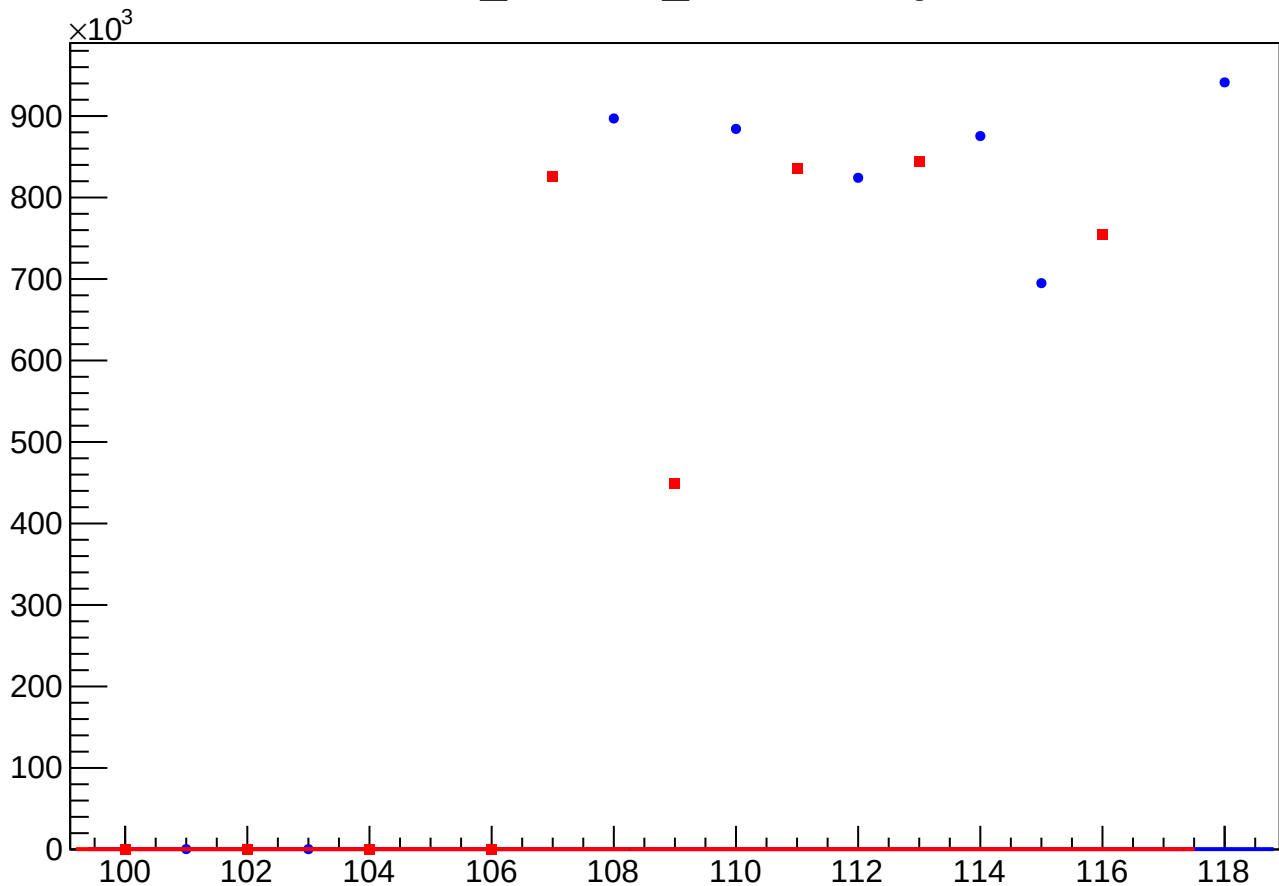
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.170+/-0.241 χ^2/NDF : 10.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_rms vs Slug



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: 392.950 $\pm$ 0.232 χ^2/NDF : 3566712.1/8

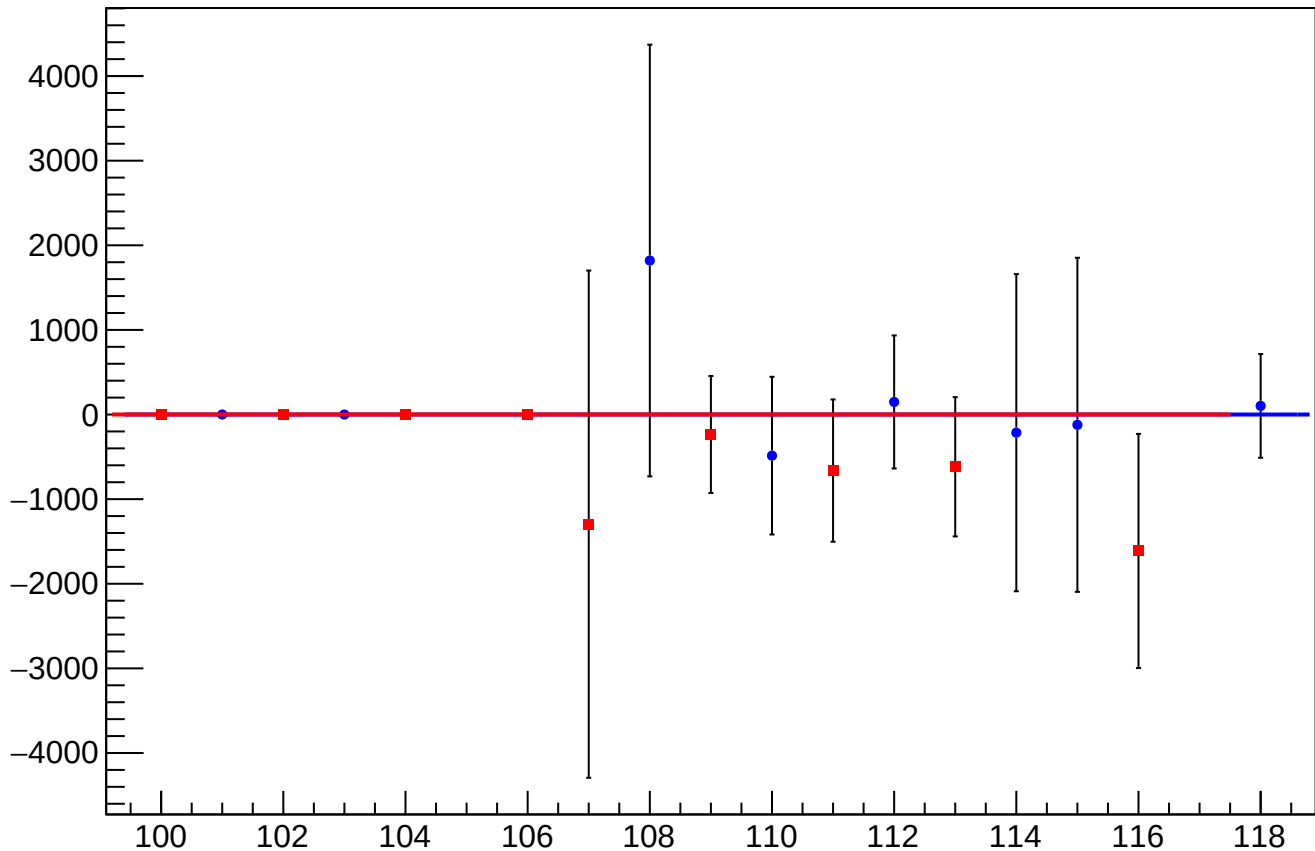
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.469 $\pm$ 0.170 χ^2/NDF : 7086398.9/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug



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 : 3.0/8

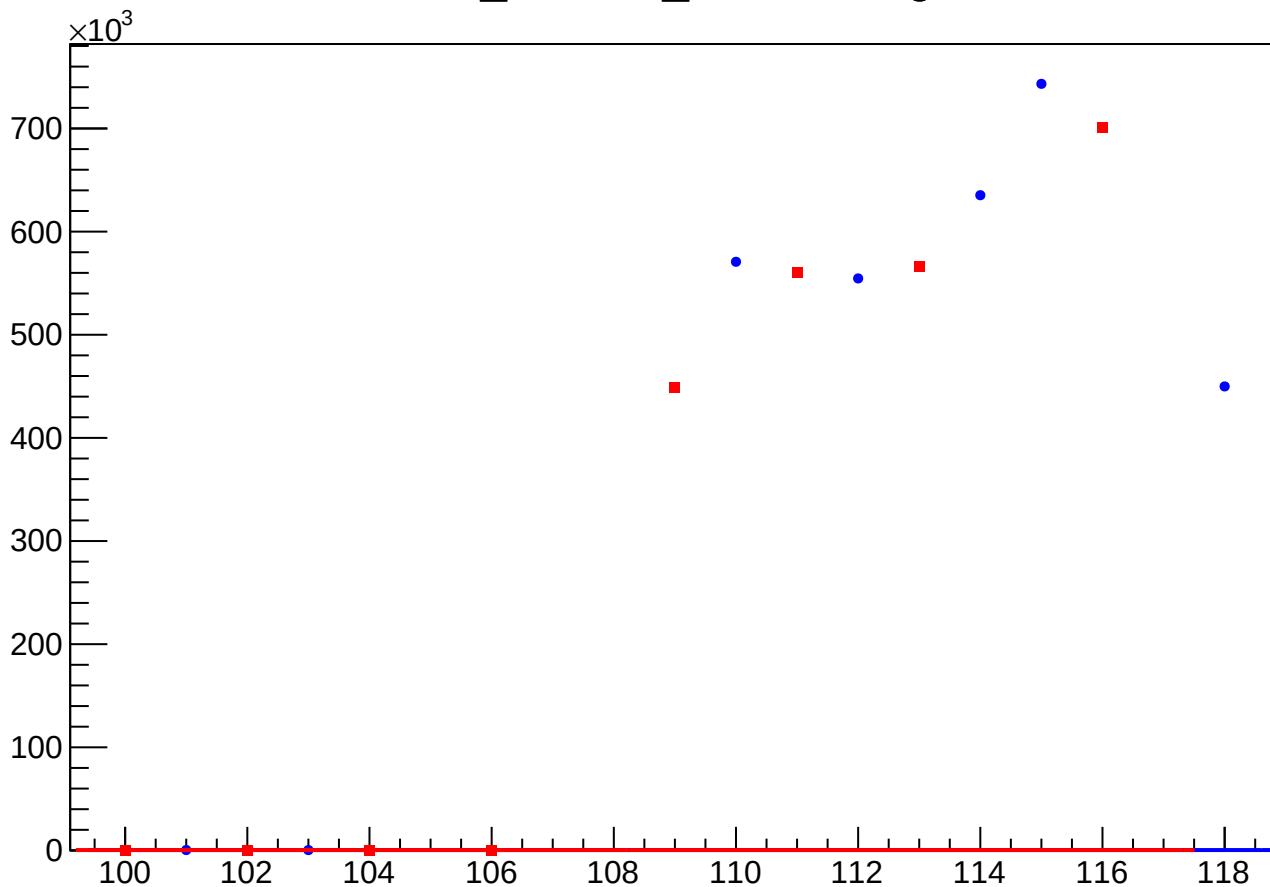
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.311 ± 0.237 χ^2/NDF : 6.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 389.042 ± 0.245 χ^2/NDF : 3345120.5/6

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 386.882 ± 0.229 χ^2/NDF : 3186428.6/7

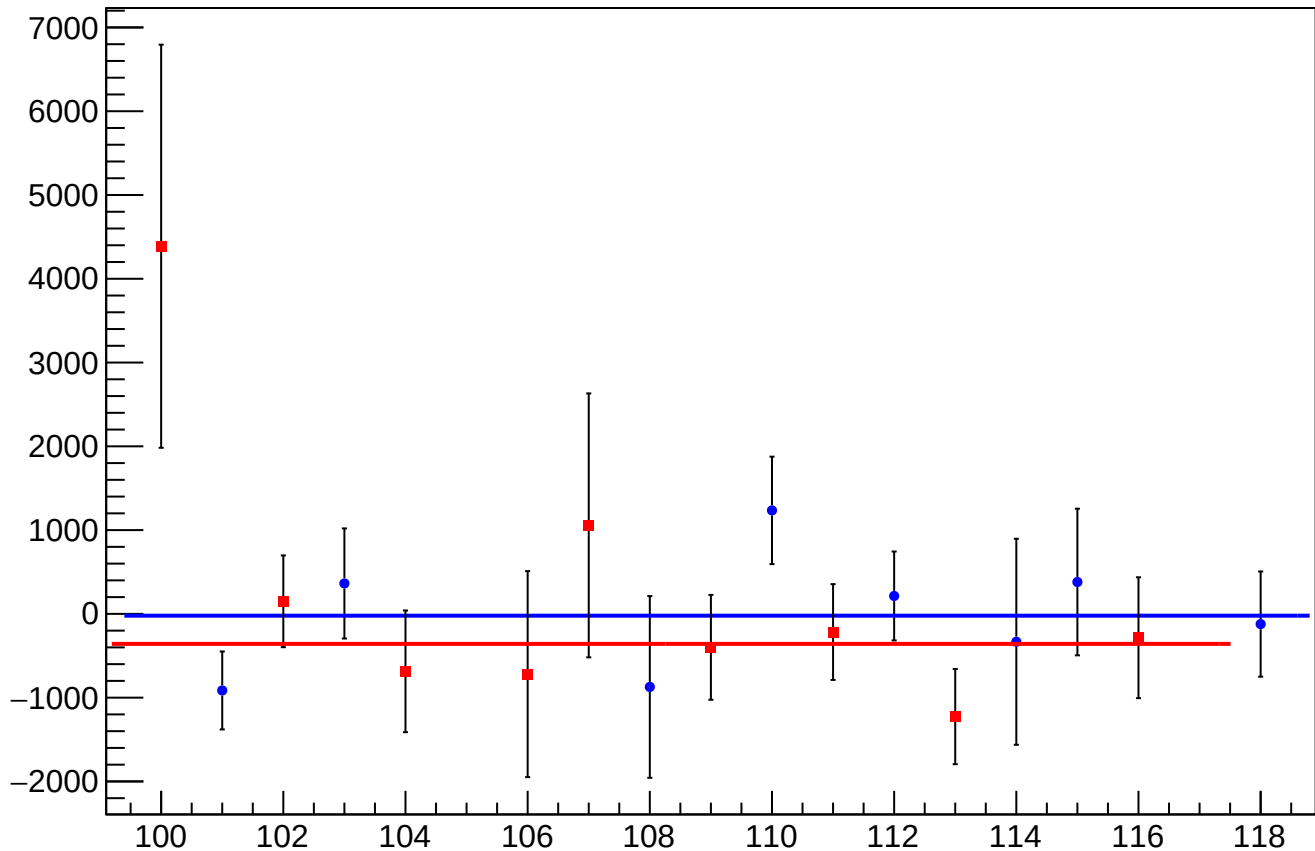
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 387.887 ± 0.167 χ^2/NDF : 6531590.5/14

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



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: -358.151 ± 241.811 χ^2/NDF : 8.3/8

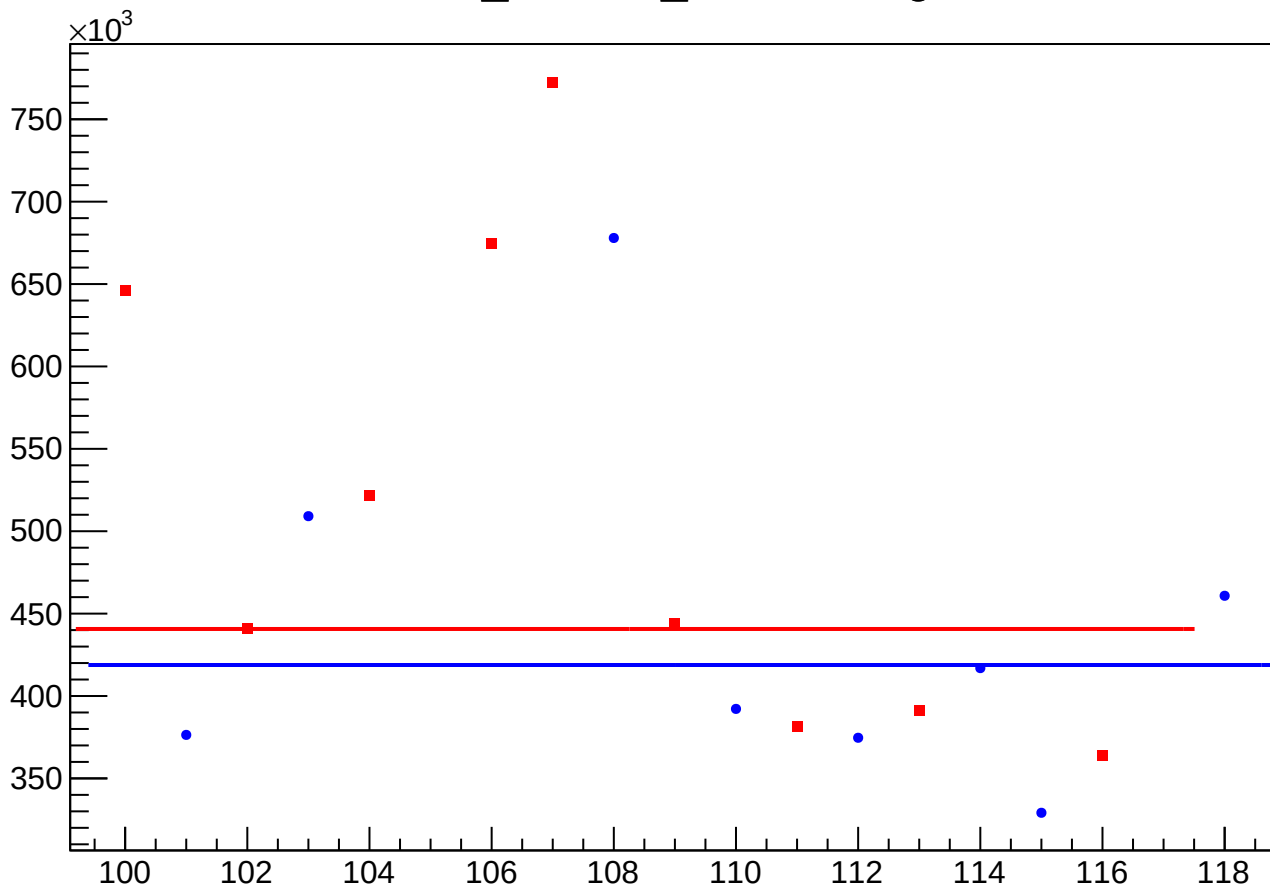
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -184.294 ± 168.126 χ^2/NDF : 18.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug



Right In: 418817.950+/-165.405 χ^2/NDF : 215864.1/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

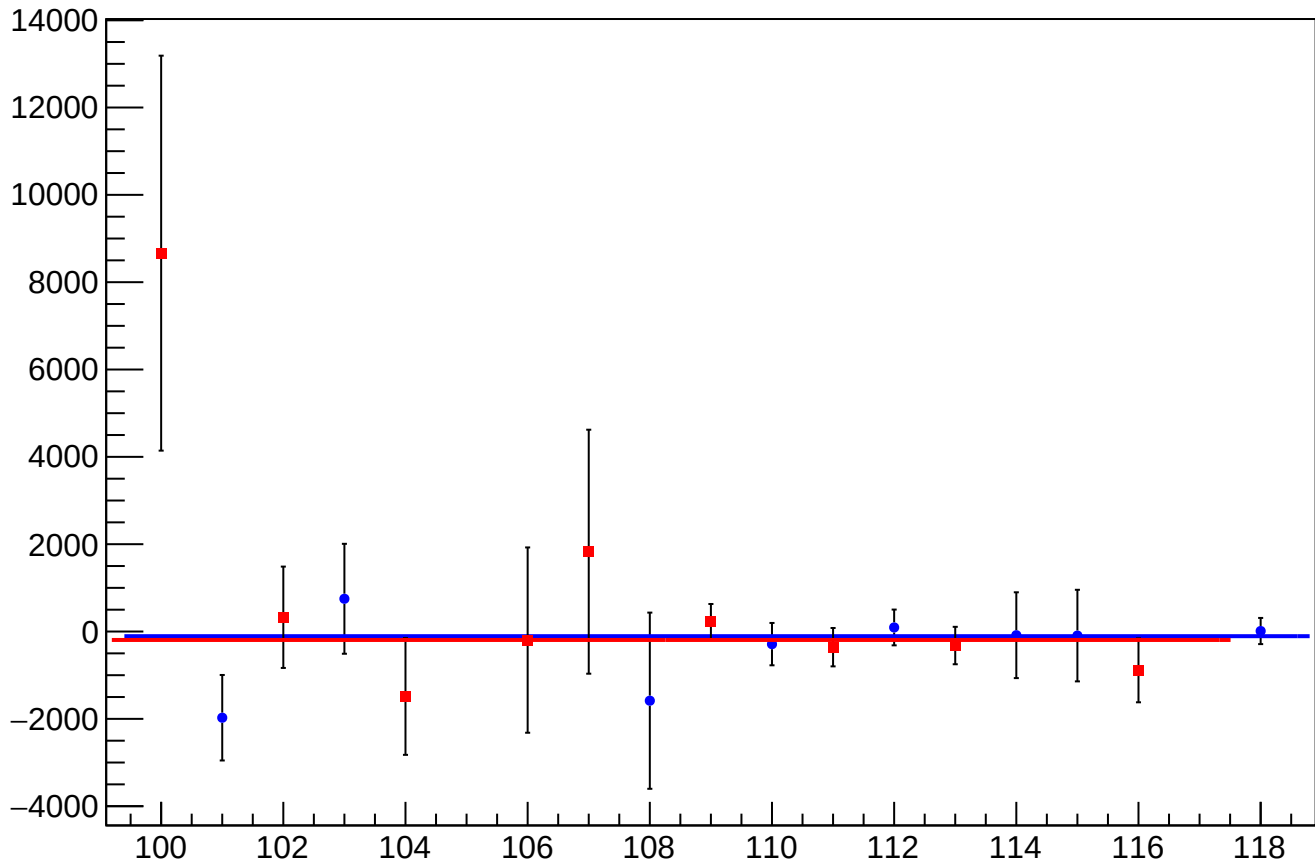
Right Out: 440678.065+/-171.089 χ^2/NDF : 257712.7/8

All: 429378.865+/-118.918 χ^2/NDF : 482015.

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug



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: -193.265+/-222.542 χ^2/NDF : 7.7/8

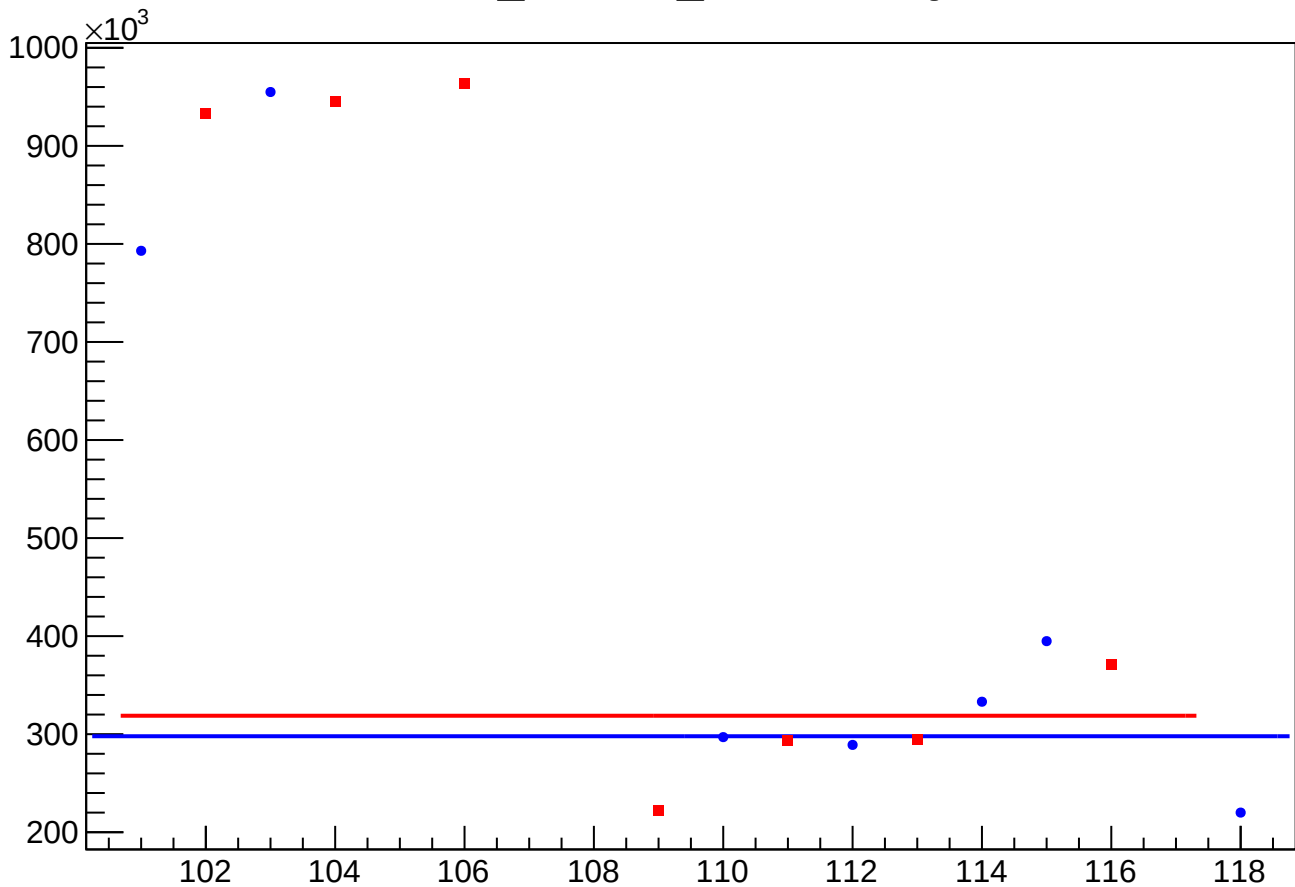
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.188+/-148.395 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_rms vs Slug



Right In: 297893.596 $\pm$ 142.069 χ^2/NDF : 1038697.2/6

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

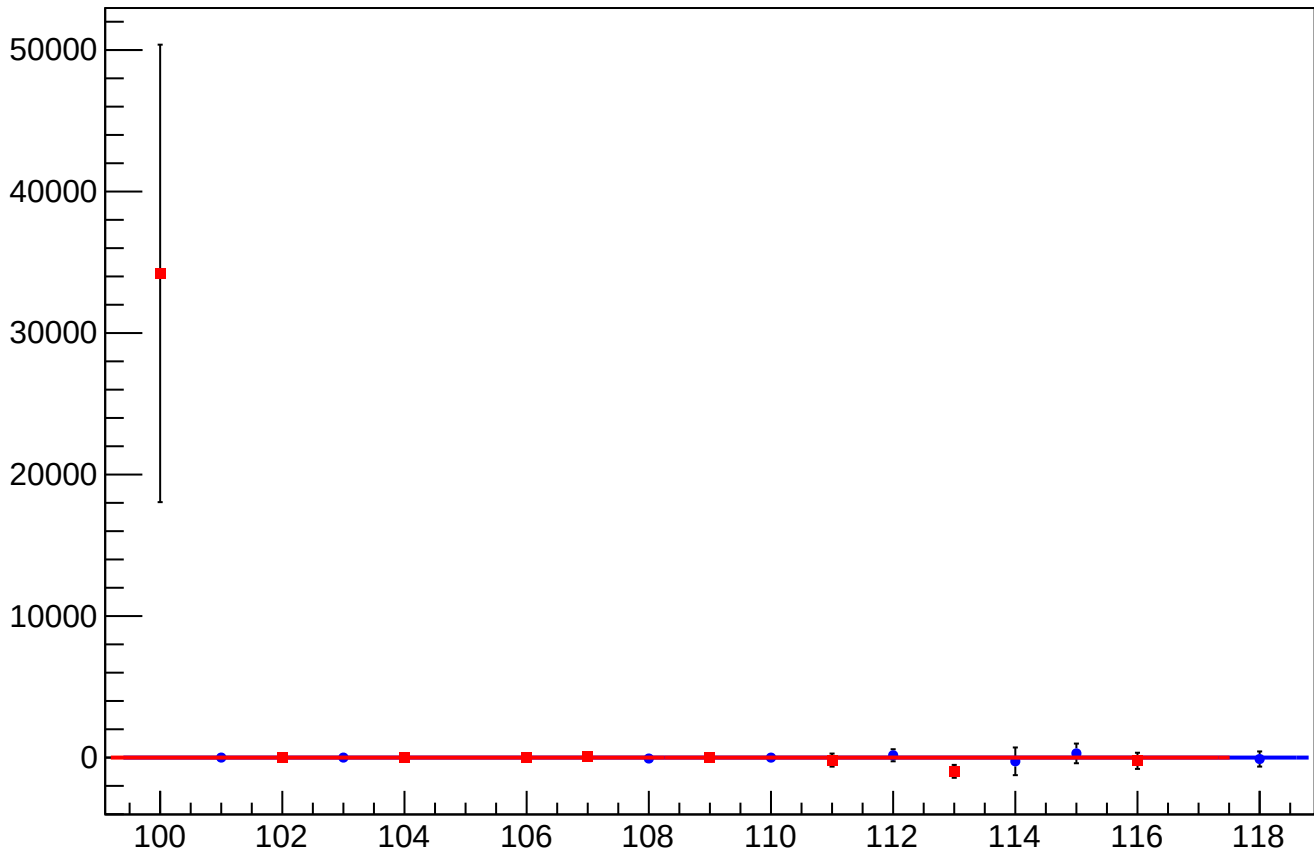
Right Out: 318798.138 $\pm$ 159.949 χ^2/NDF : 1041616.6/6

All: 307112.625 $\pm$ 106.219 χ^2/NDF : 2089862.0/12

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_mean vs Slug



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 : 10.1/8

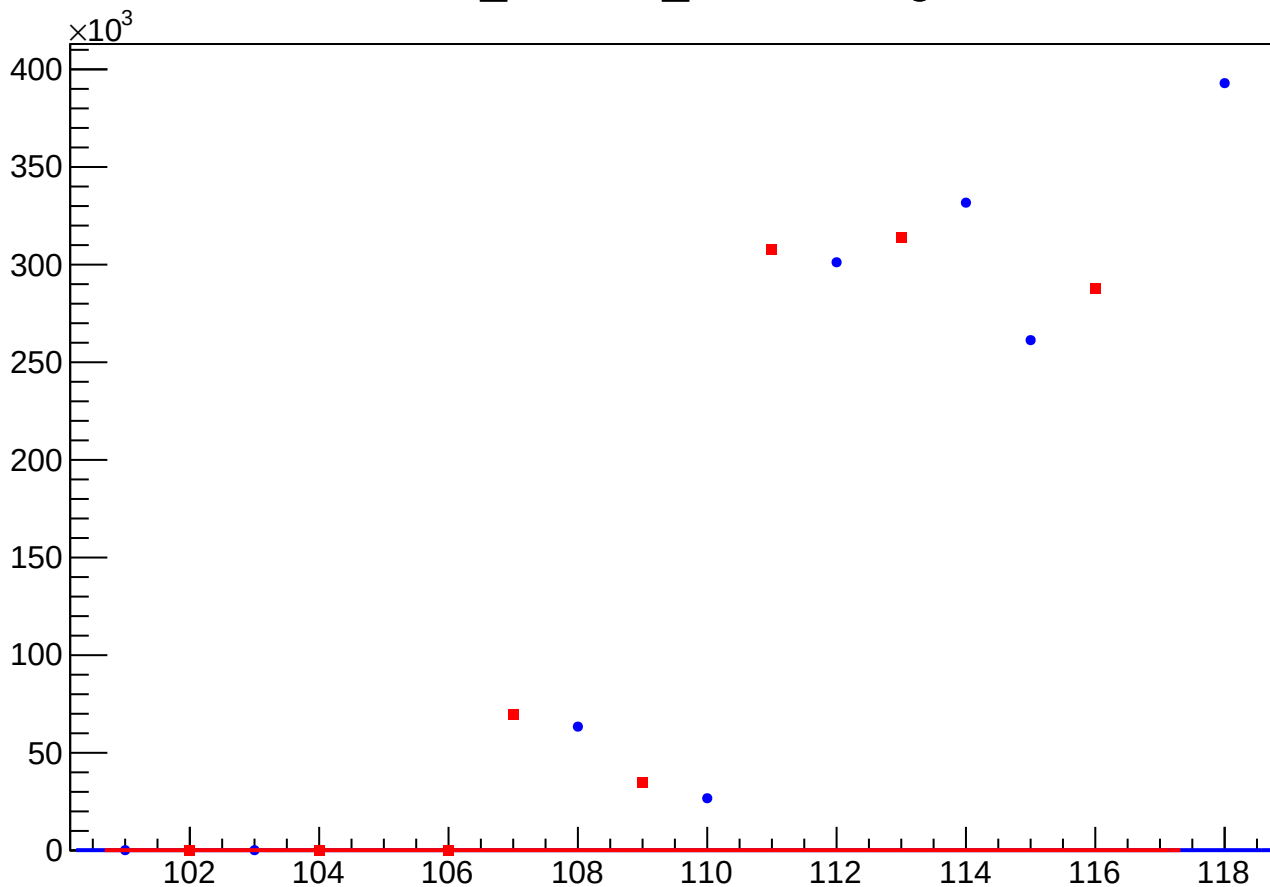
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.117 χ^2/NDF : 13.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



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: 149.090 $\pm$ 0.113 χ^2/NDF : 3428608.3/7

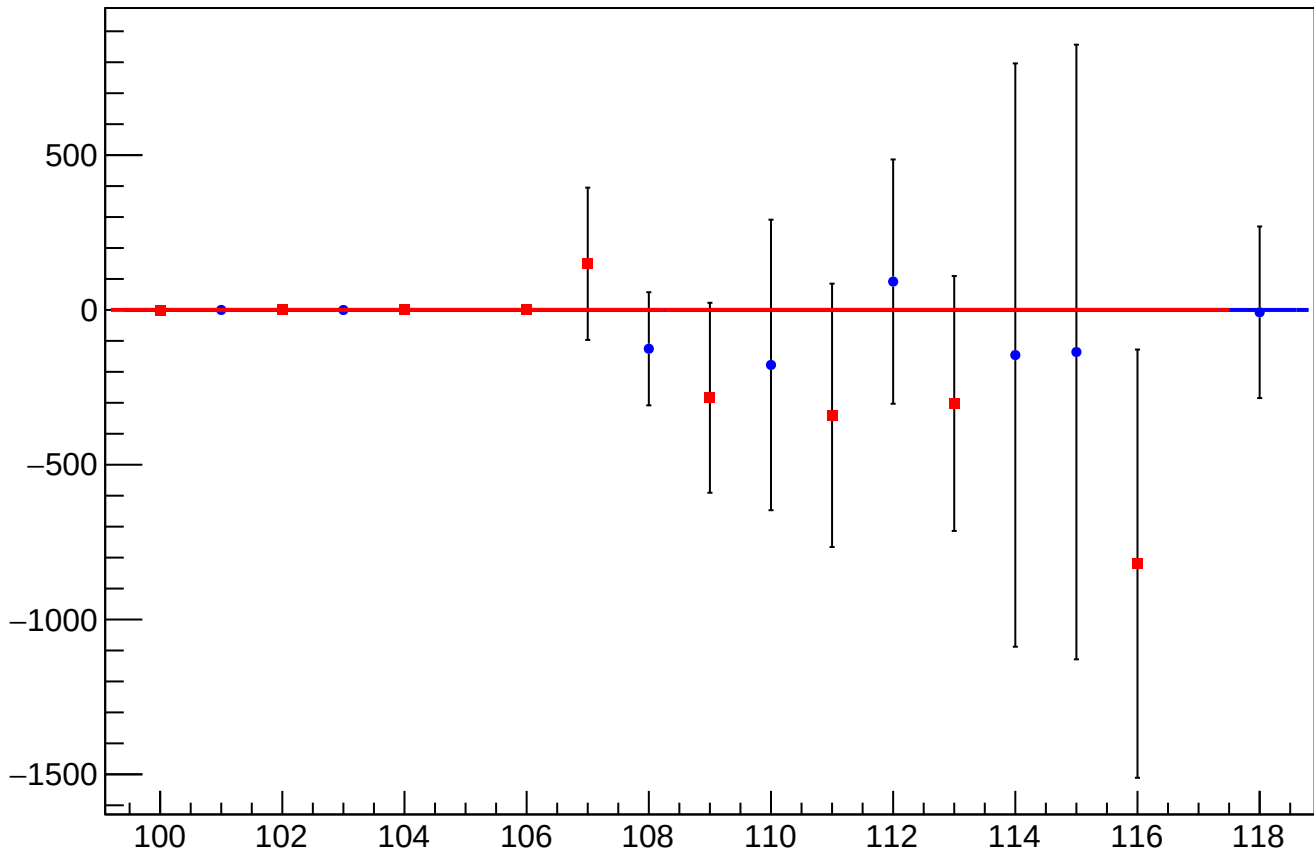
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 148.926 $\pm$ 0.083 χ^2/NDF : 7067968.1/15

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug



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: 0.126 ± 0.166 χ^2/NDF : 4.0/8

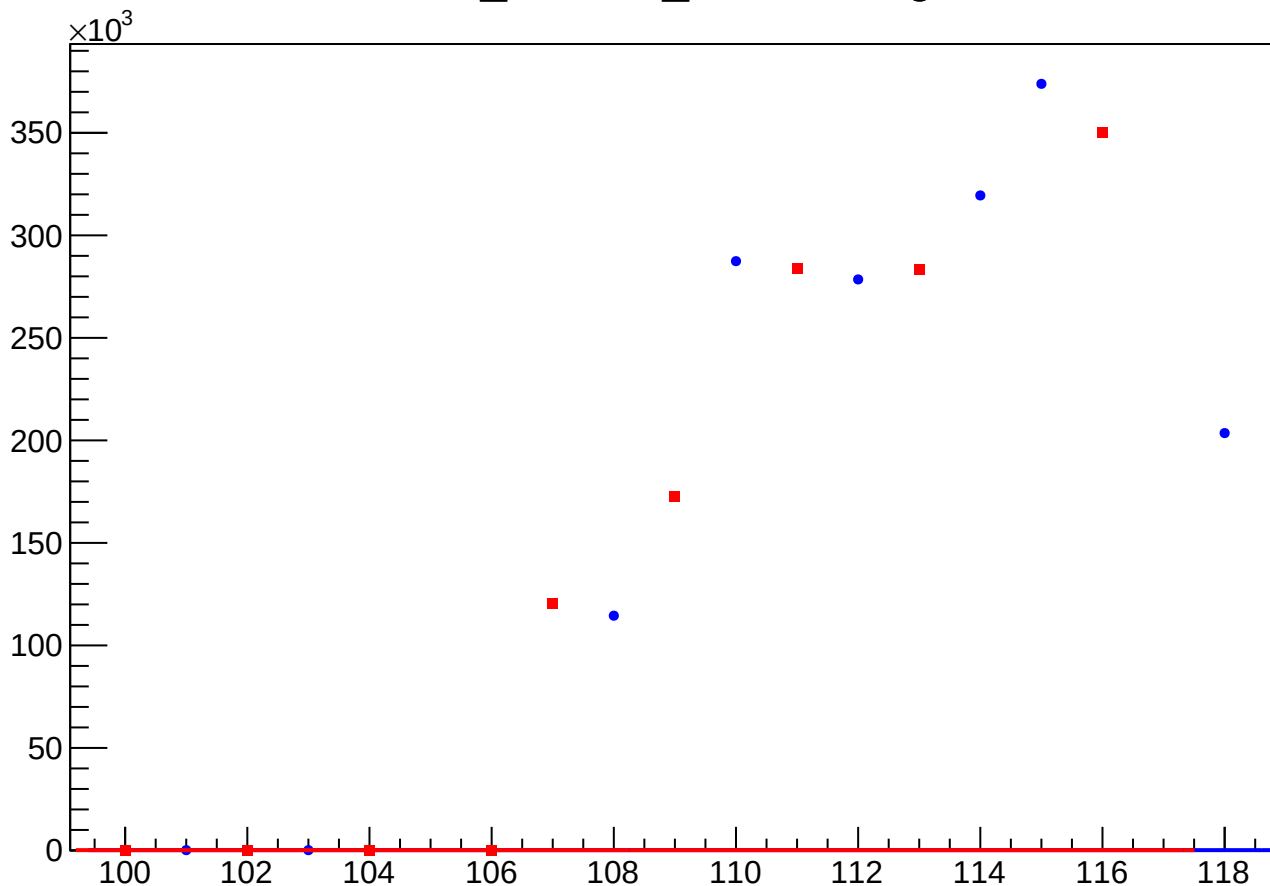
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.121 χ^2/NDF : 5.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



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: 155.569 $\pm$ 0.118 χ^2/NDF : 3449822.8/8

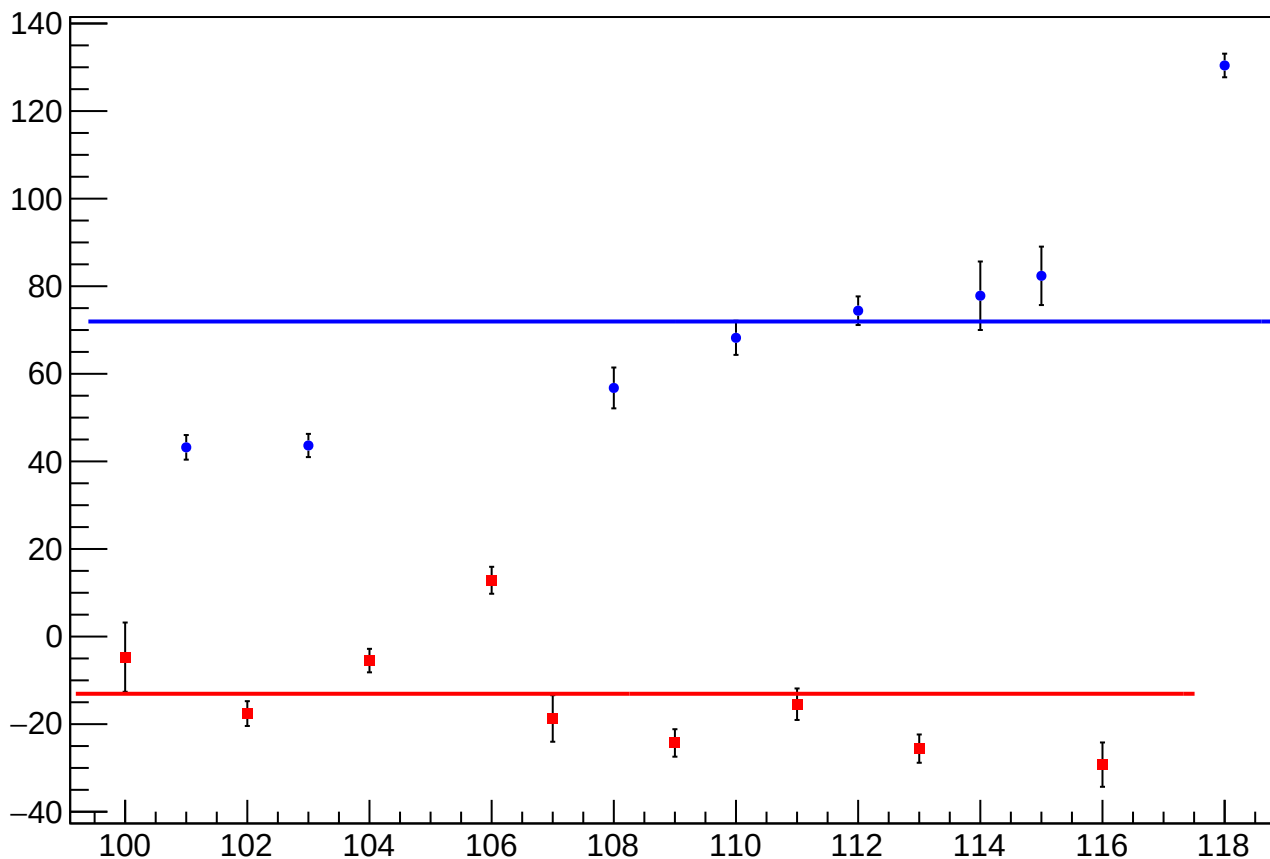
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.283 $\pm$ 0.086 χ^2/NDF : 7570325.4/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



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: -13.063 $\pm$ 1.167 χ^2 /NDF: 122.2/8

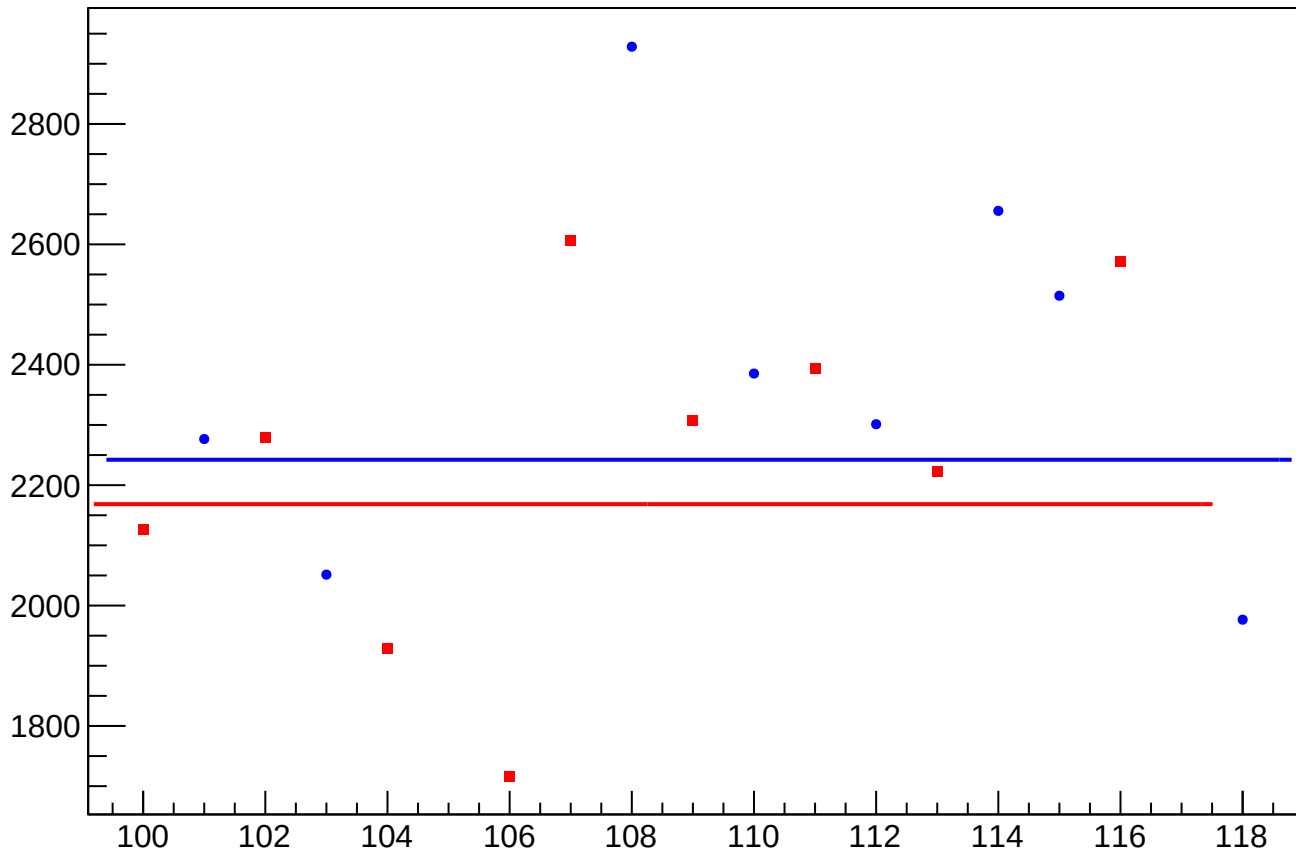
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.884 $\pm$ 0.850 χ^2 /NDF: 3319.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



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: 2168.438 $\pm$ 0.825 χ^2 /NDF: 100977.1/8

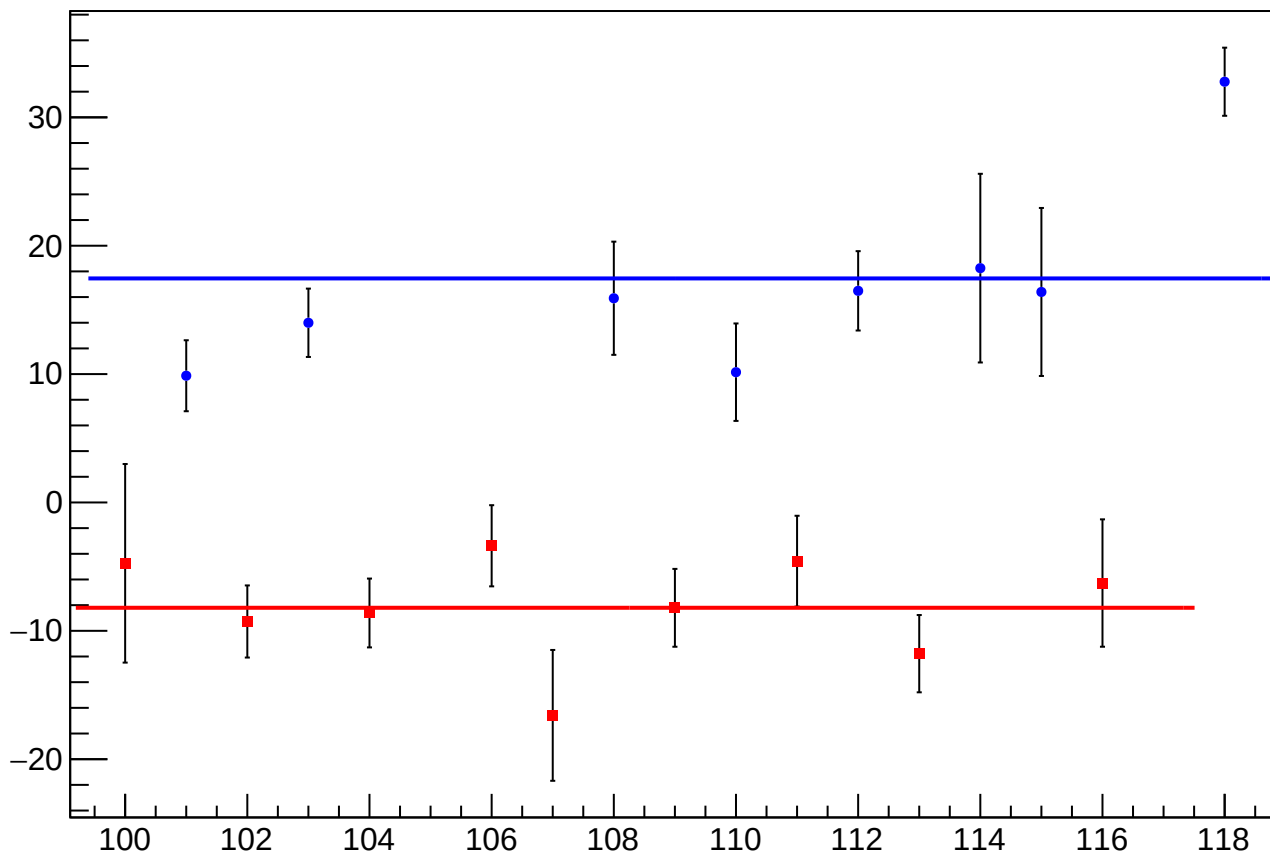
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2203.115 $\pm$ 0.601 χ^2 /NDF: 190405.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 17.452 $\pm$ 1.211 χ^2 /NDF: 46.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.204 $\pm$ 1.146 χ^2 /NDF: 8.0/8

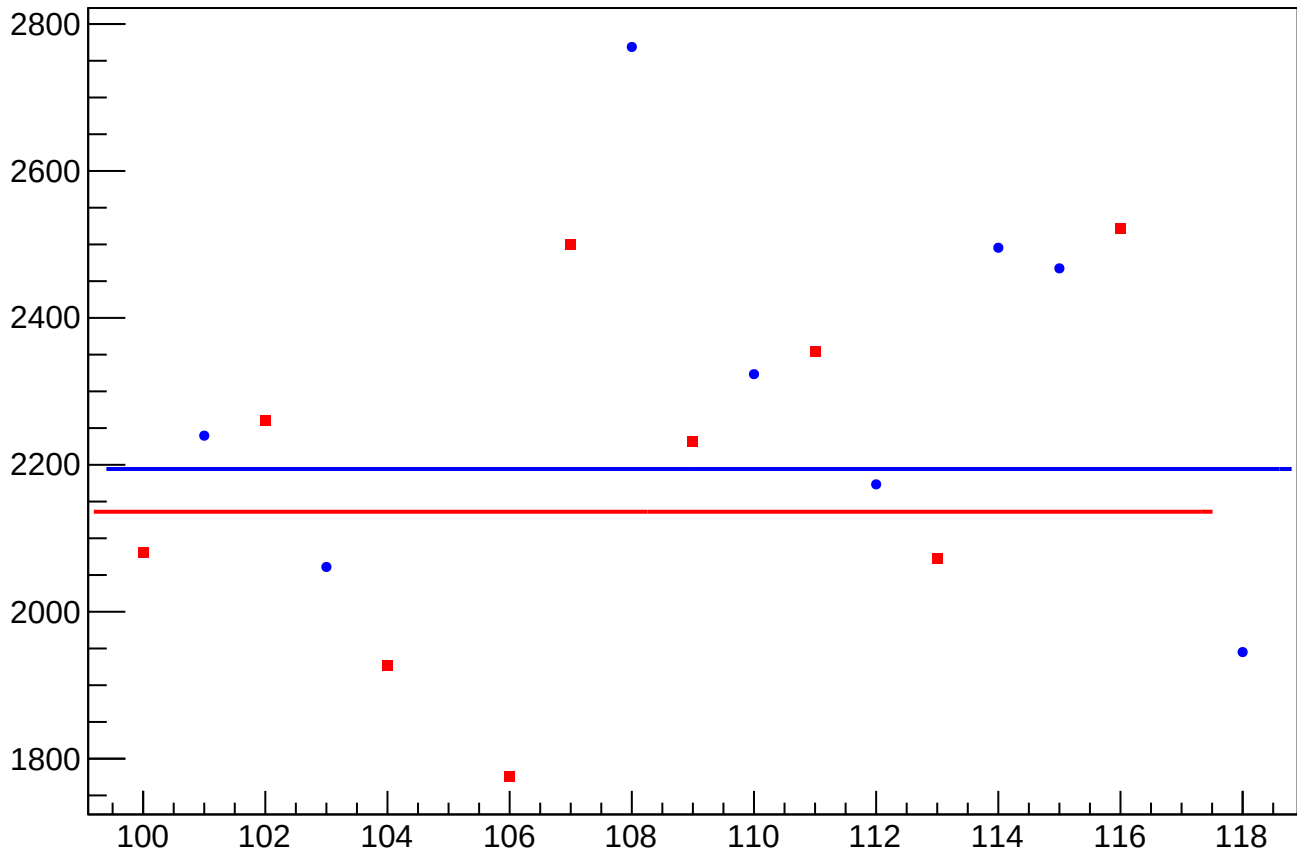
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.917 $\pm$ 0.833 χ^2 /NDF: 291.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2194.336 $\pm$ 0.857 χ^2 /NDF: 66398.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2136.169 $\pm$ 0.811 χ^2 /NDF: 74985.1/8

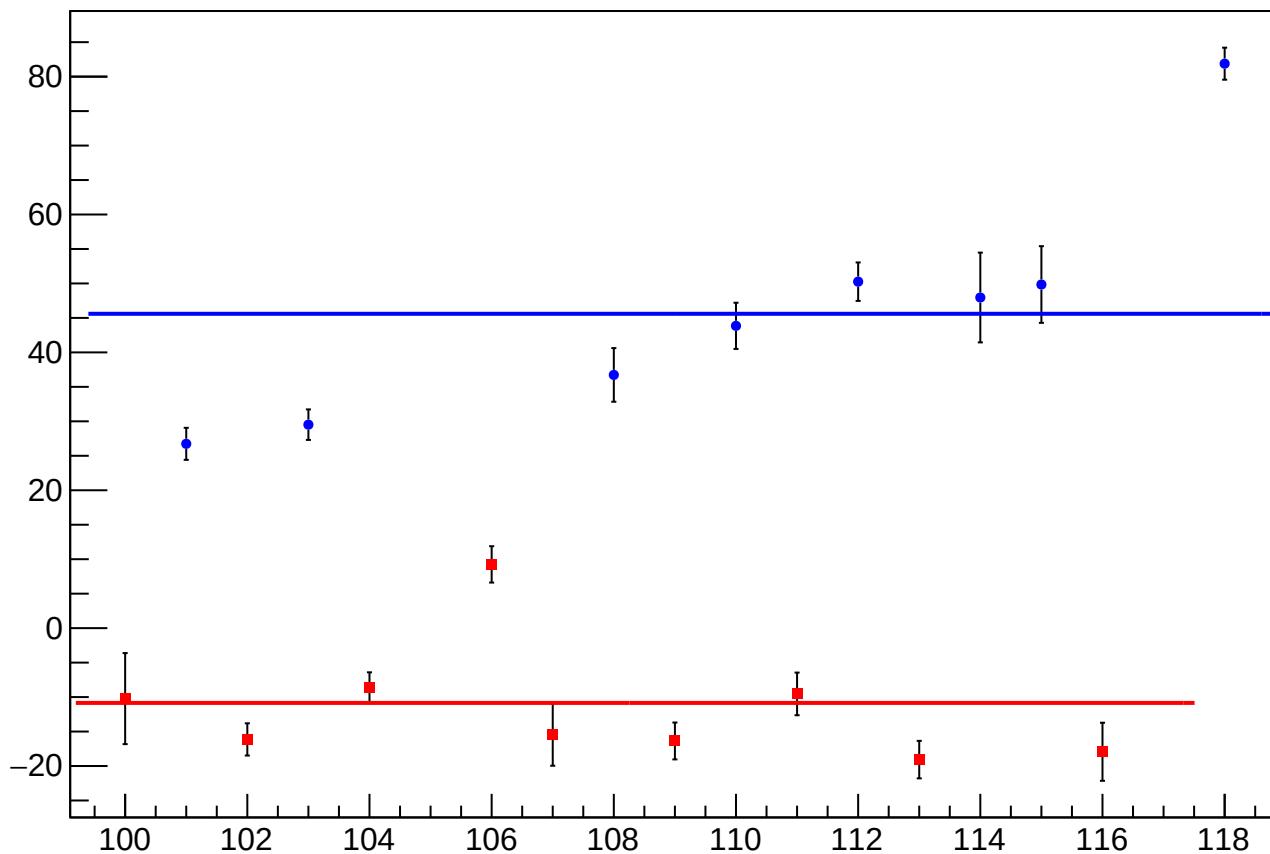
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2163.649 $\pm$ 0.589 χ^2 /NDF: 143816.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug



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: -10.845+/-0.983 χ^2 /NDF: 81.6/8

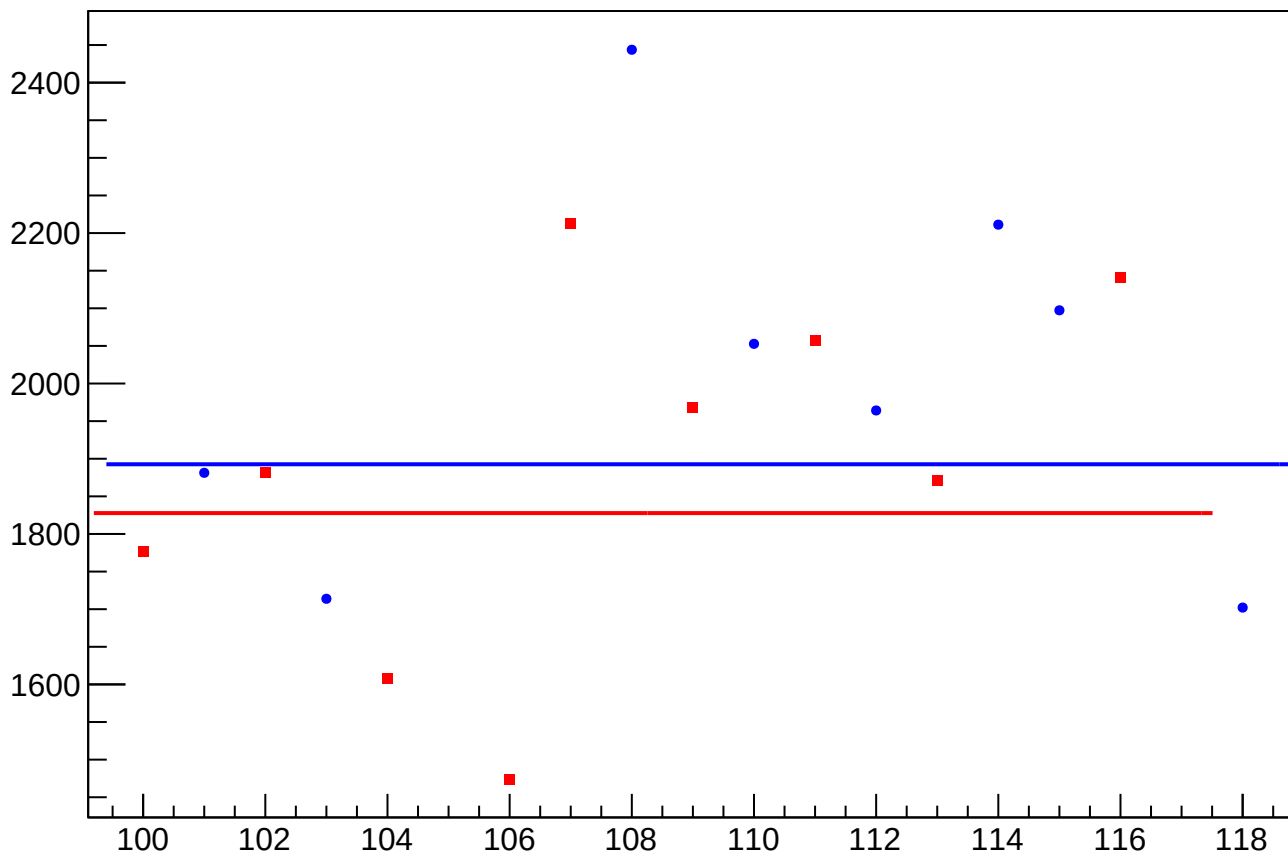
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 15.641+/-0.716 χ^2 /NDF: 2000.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



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: 1827.761 $\pm$ 0.695 χ^2 /NDF: 99233.9/8

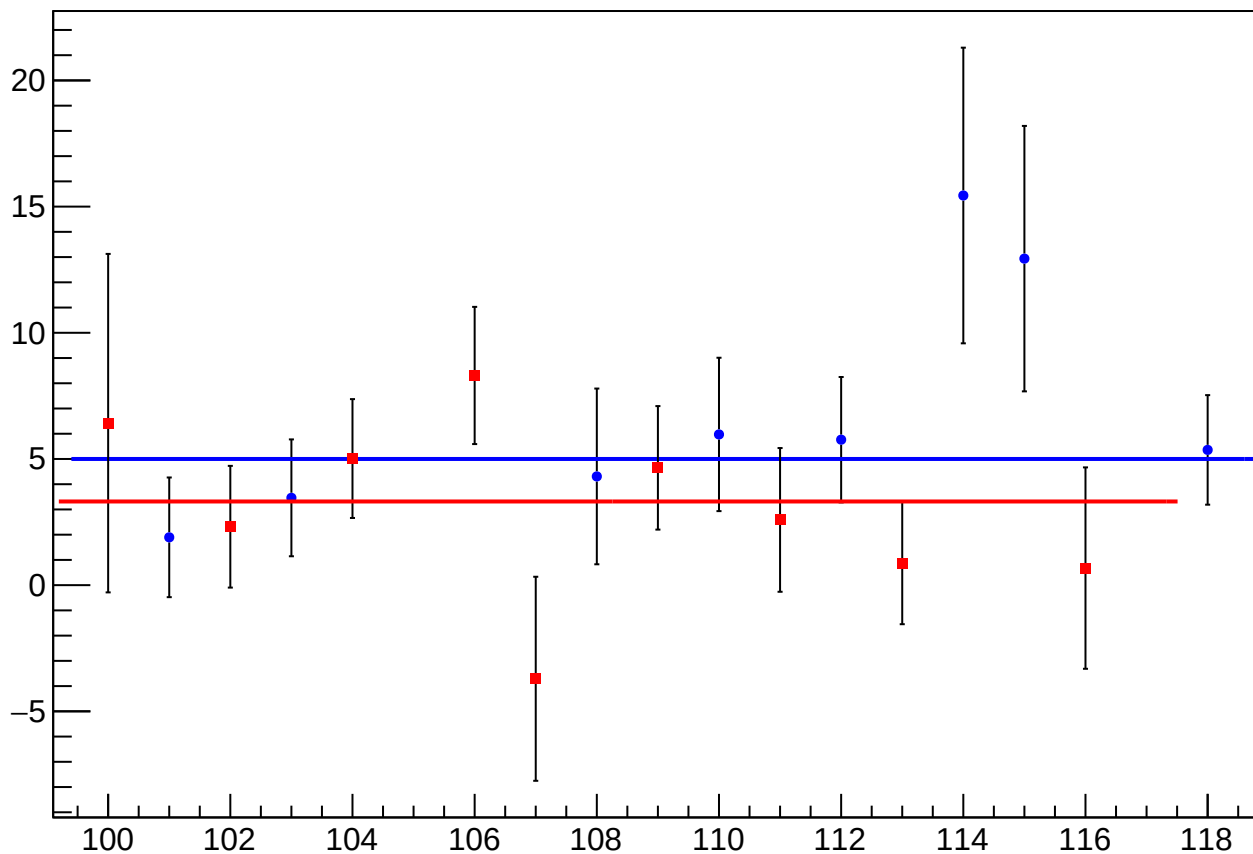
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1858.215 $\pm$ 0.507 χ^2 /NDF: 183369.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



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: 3.316 $\pm$ 0.956 χ^2 /NDF: 9.1/8

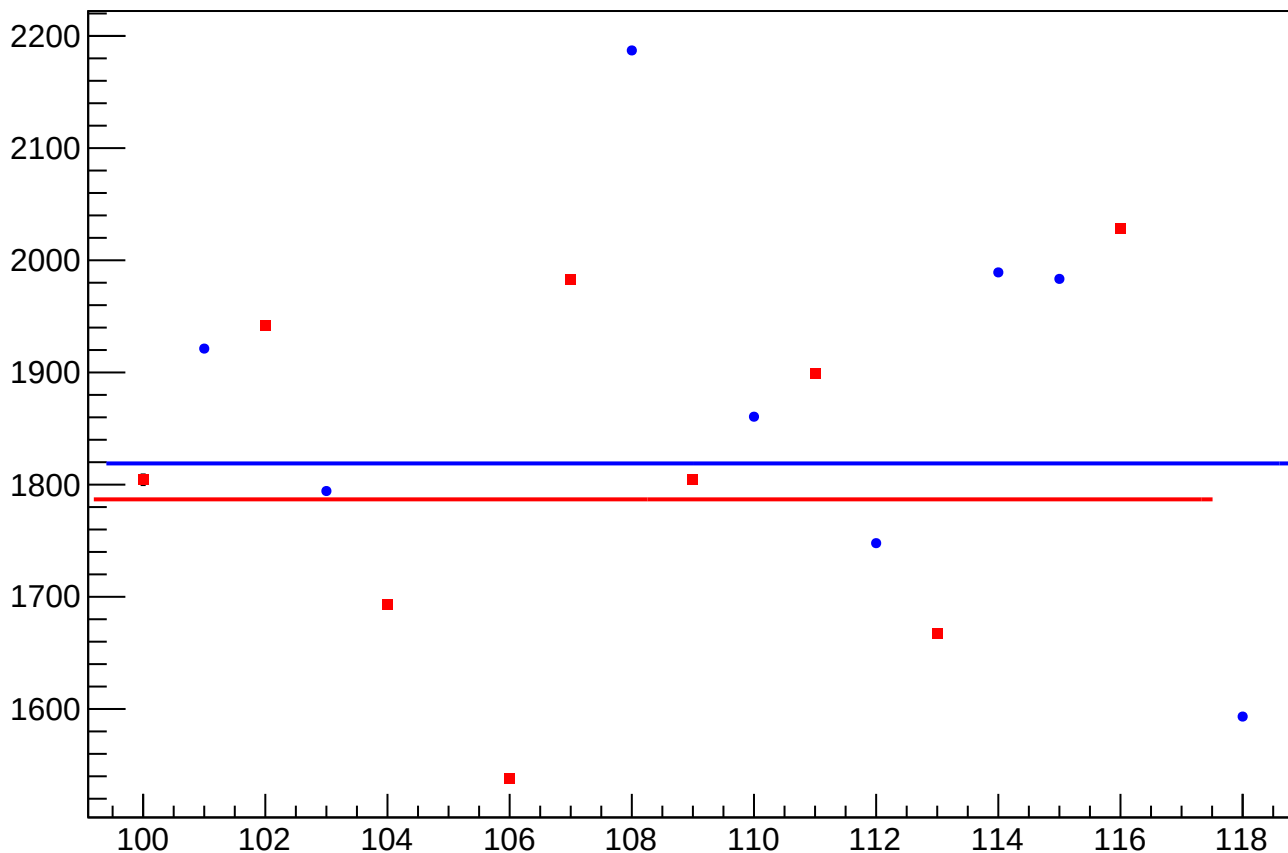
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.118 $\pm$ 0.692 χ^2 /NDF: 18.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1818.909+/-0.709 χ^2/NDF : 53590.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1786.878+/-0.676 χ^2/NDF : 48258.7/8

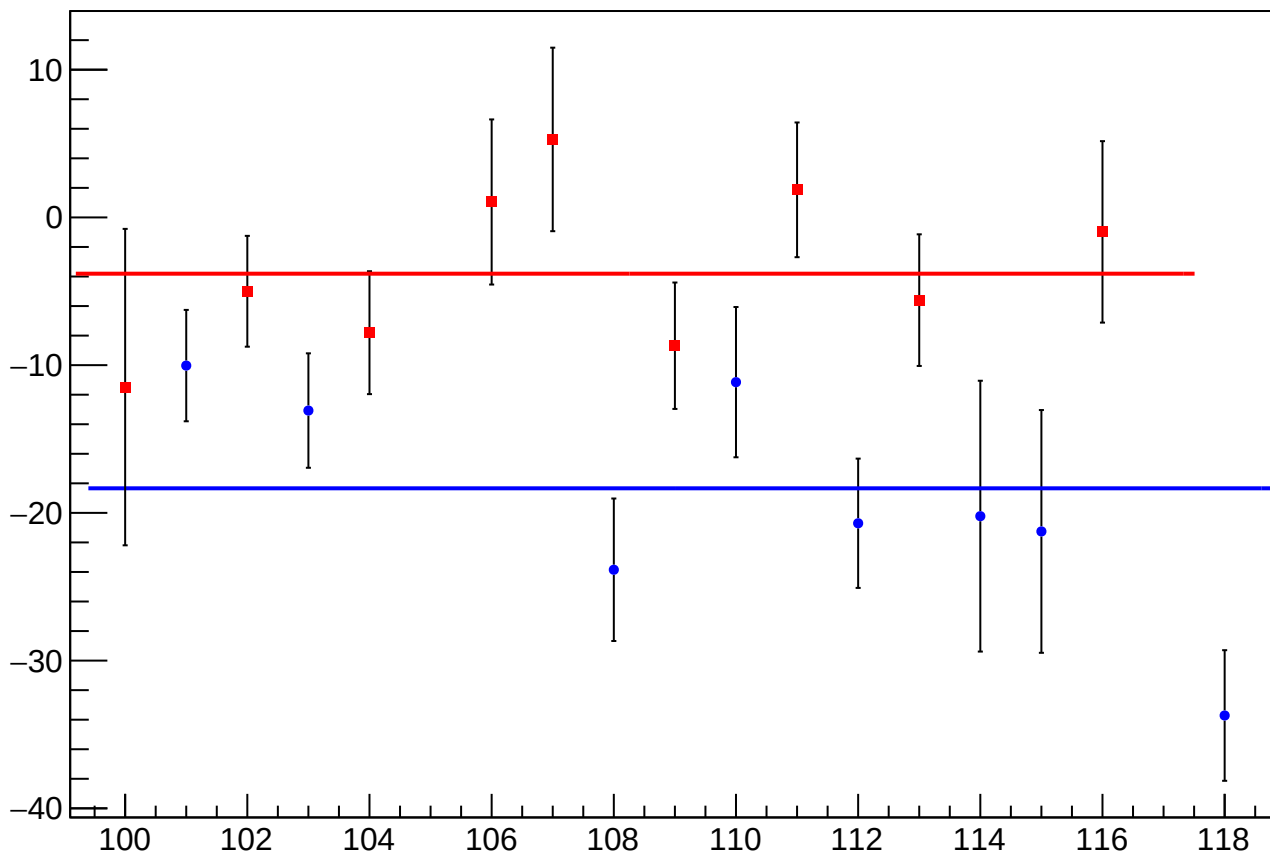
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1802.128+/-0.489 χ^2/NDF : 102918.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_mean vs Slug



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: -3.809 $\pm$ 1.633 χ^2 /NDF: 7.7/8

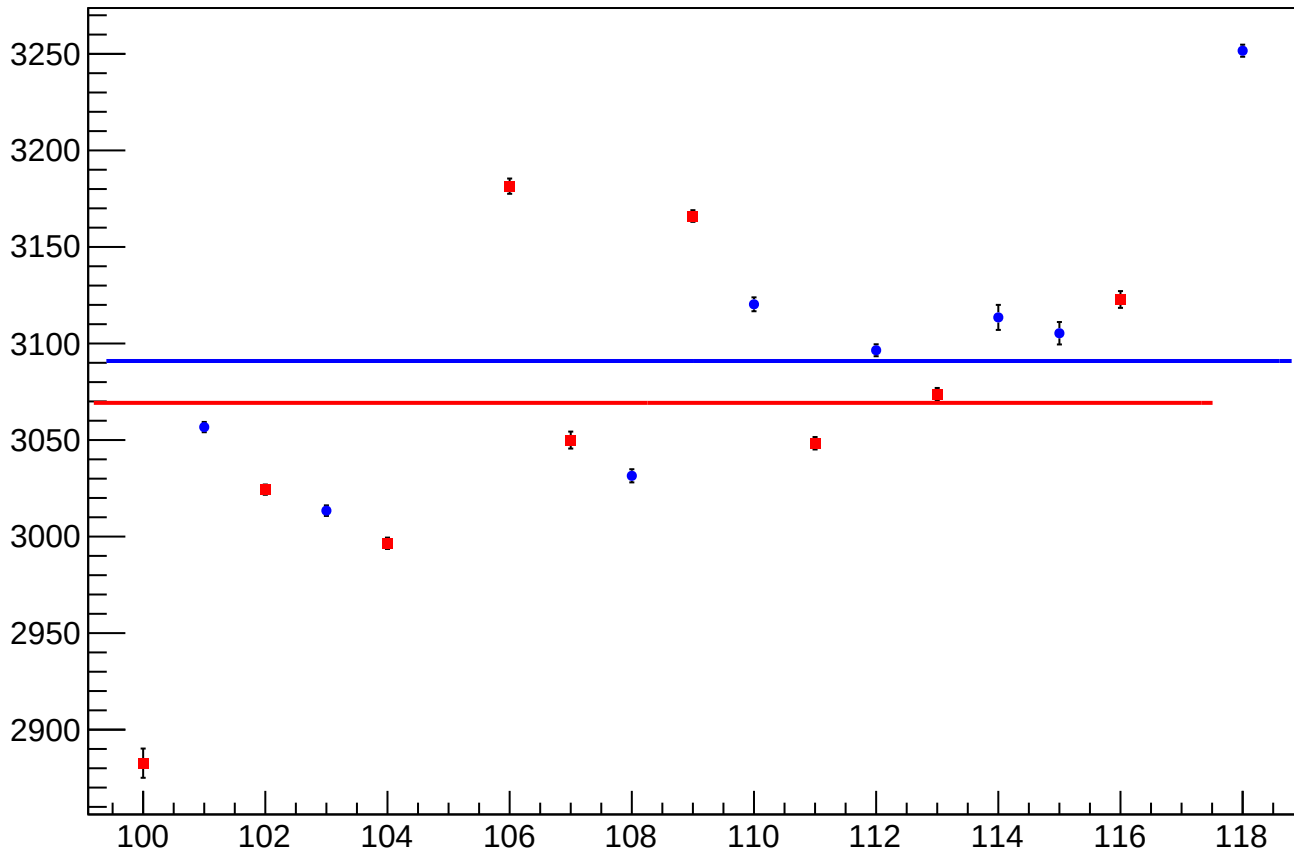
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.808 $\pm$ 1.175 χ^2 /NDF: 68.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01X_rms vs Slug



Right In: 3090.939+/-1.197 χ^2/NDF : 4001.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3069.253+/-1.154 χ^2/NDF : 3551.2/8

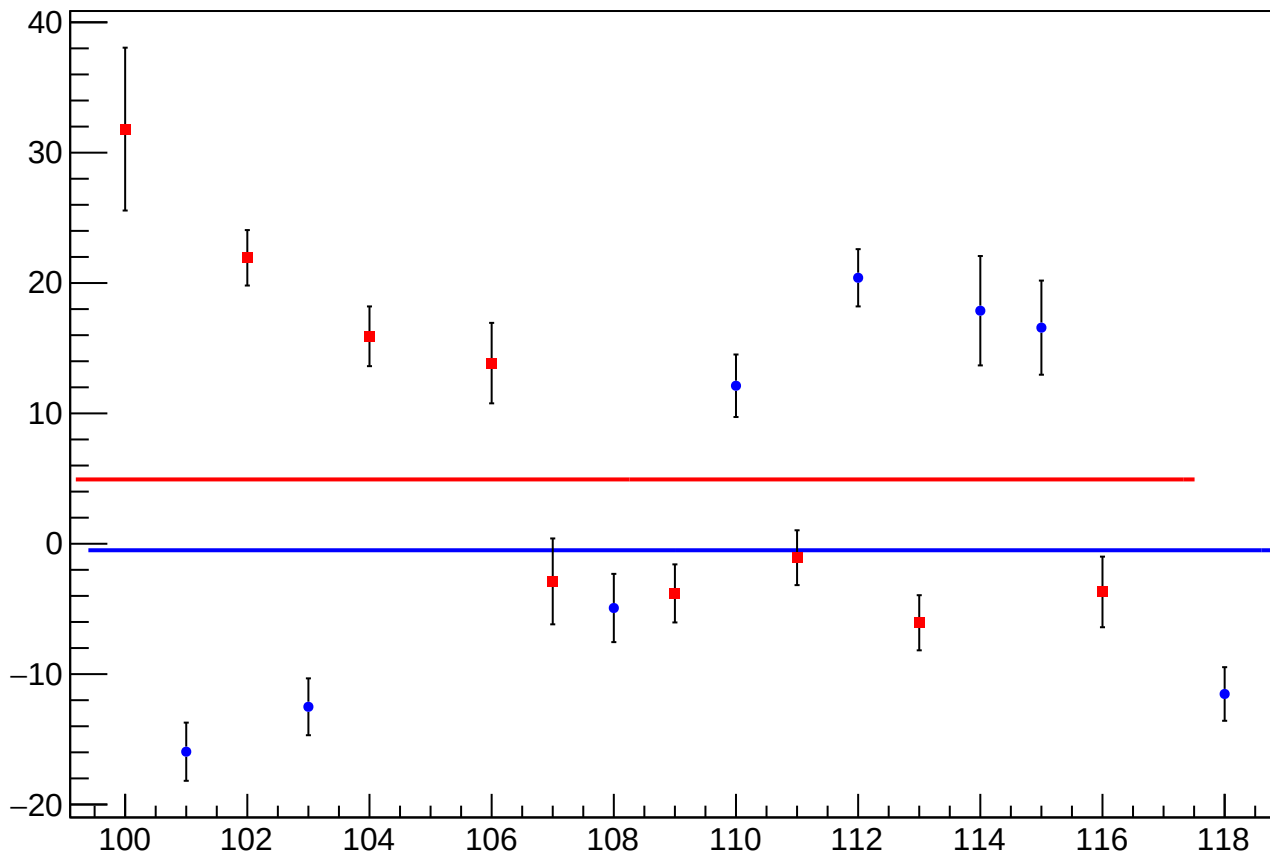
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3079.701+/-0.831 χ^2/NDF : 7722.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs Slug



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: 4.934+/-0.839 χ^2 /NDF: 180.1/8

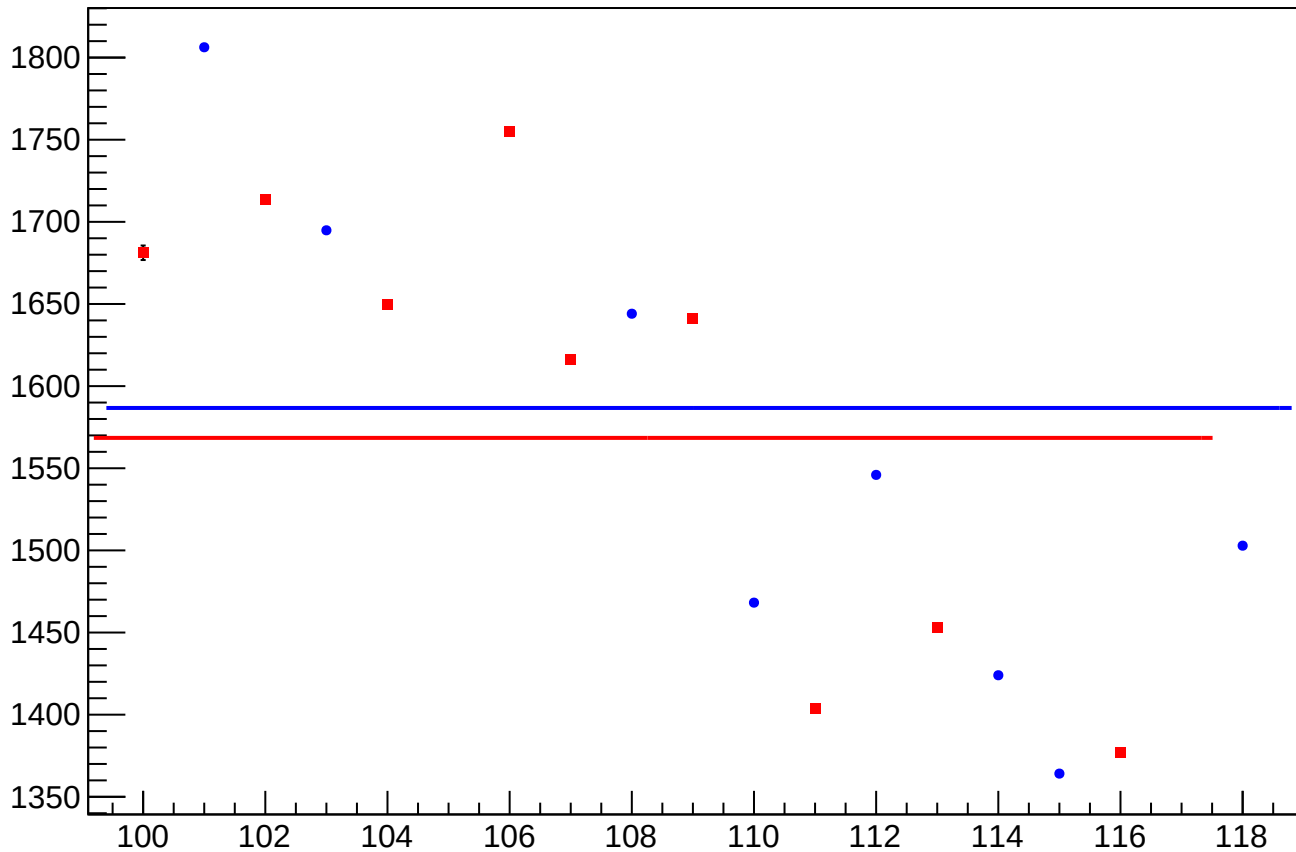
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2.330+/-0.605 χ^2 /NDF: 469.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1586.711 $\pm$ 0.618 χ^2 /NDF: 44753.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1568.489 $\pm$ 0.593 χ^2 /NDF: 50577.2/8

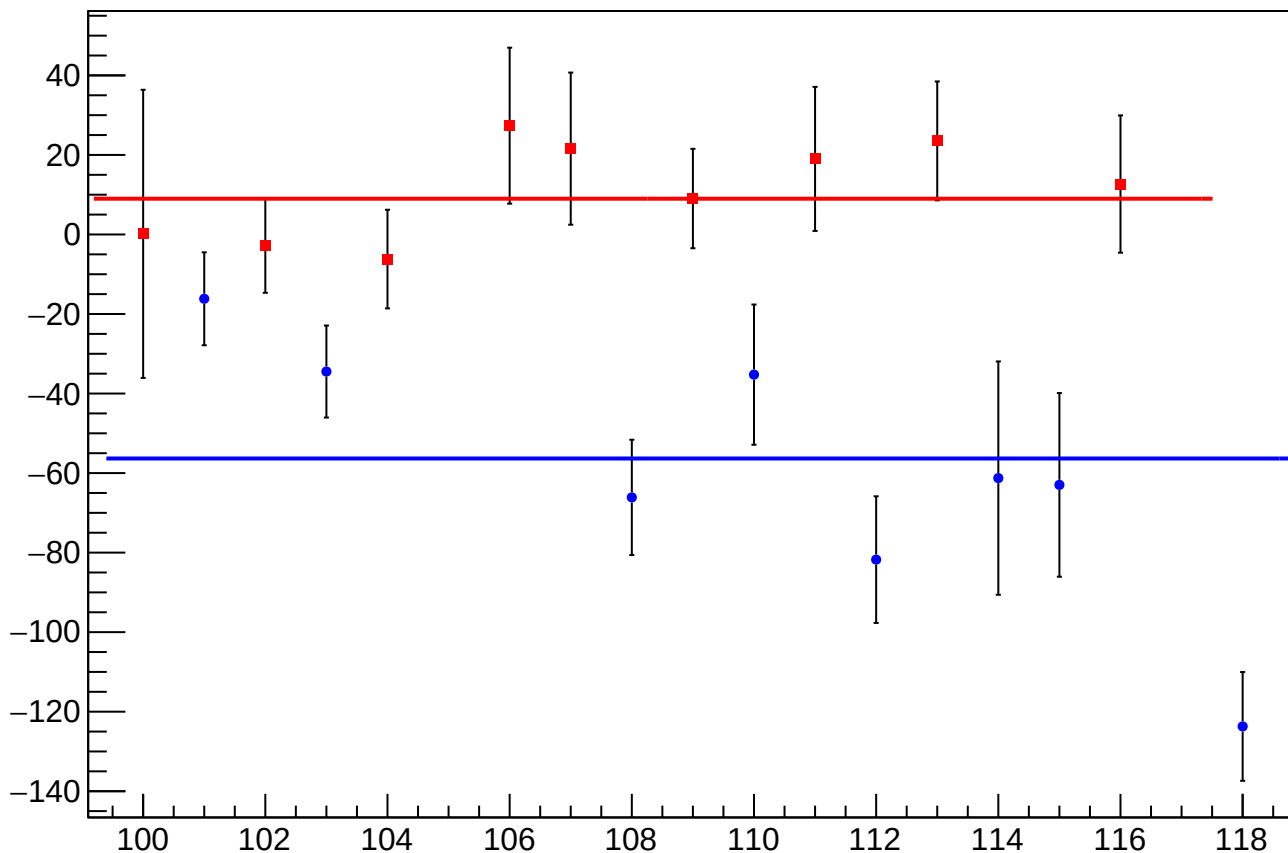
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1577.221 $\pm$ 0.428 χ^2 /NDF: 95782.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -56.333 ± 5.338 $\chi^2/\text{NDF}: 44.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.996 ± 5.196 $\chi^2/\text{NDF}: 5.2/8$

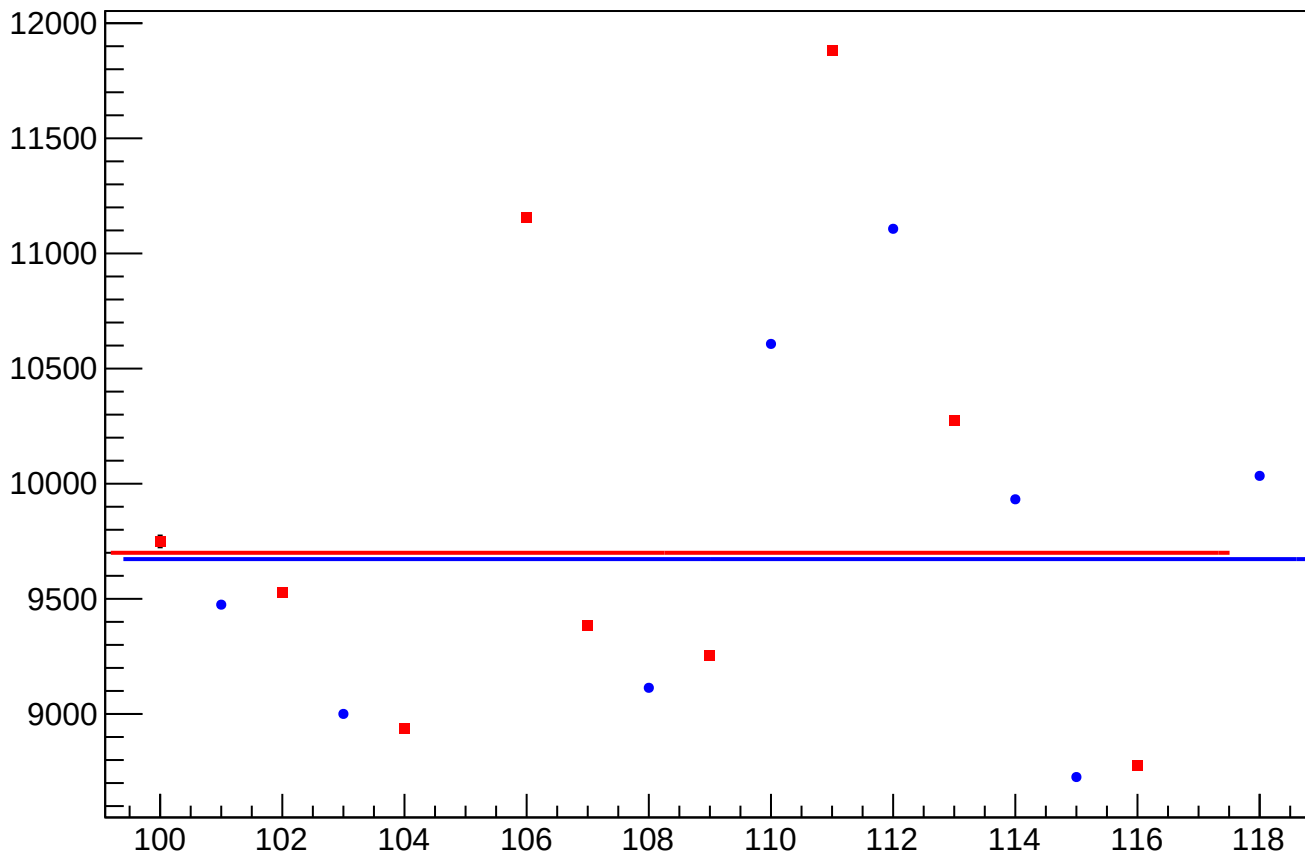
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.791 ± 3.723 $\chi^2/\text{NDF}: 126.3/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l02X_rms vs Slug



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: 9700.015+/-3.674 χ^2/NDF : 59848.7/8

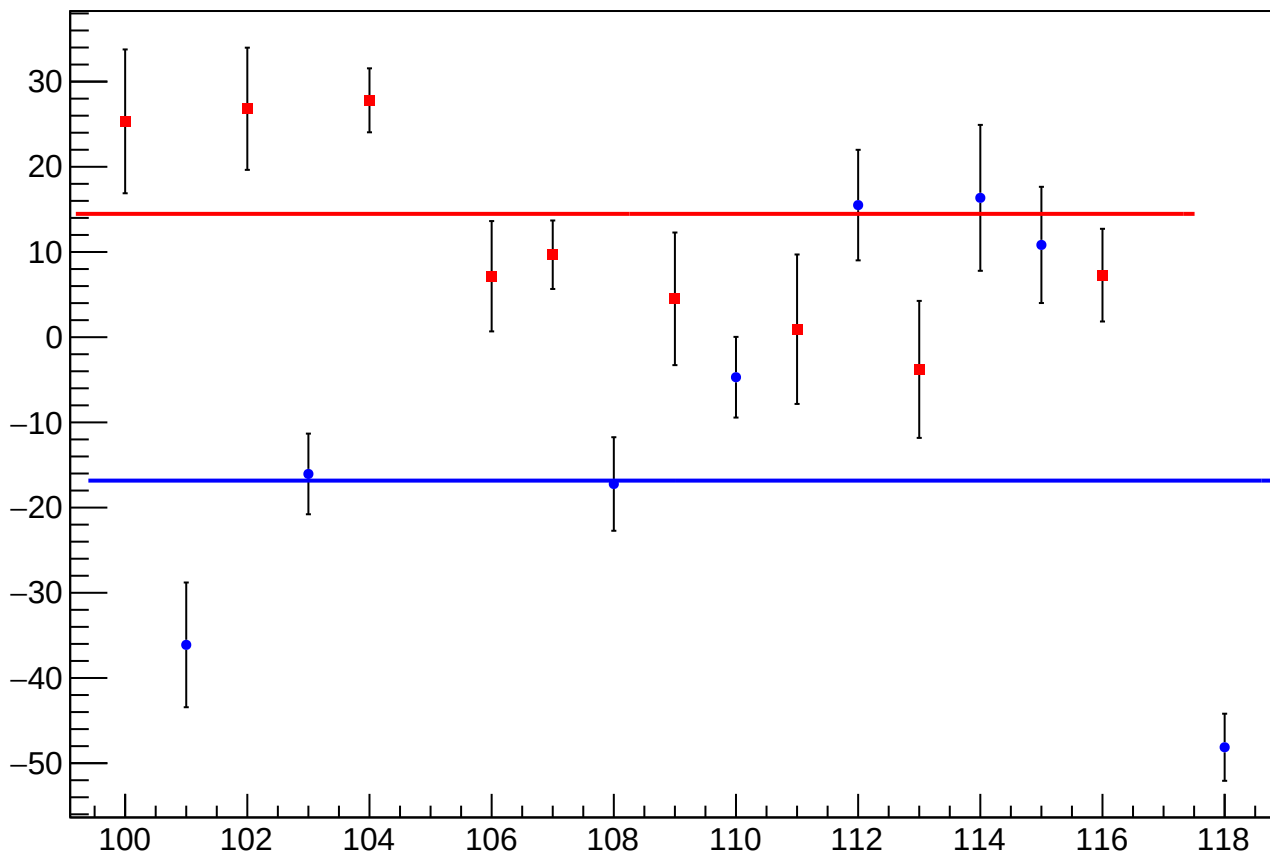
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9686.659+/-2.633 χ^2/NDF : 96950.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -16.833 $\pm$ 1.944 χ^2 /NDF: 133.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.475 $\pm$ 1.928 χ^2 /NDF: 30.8/8

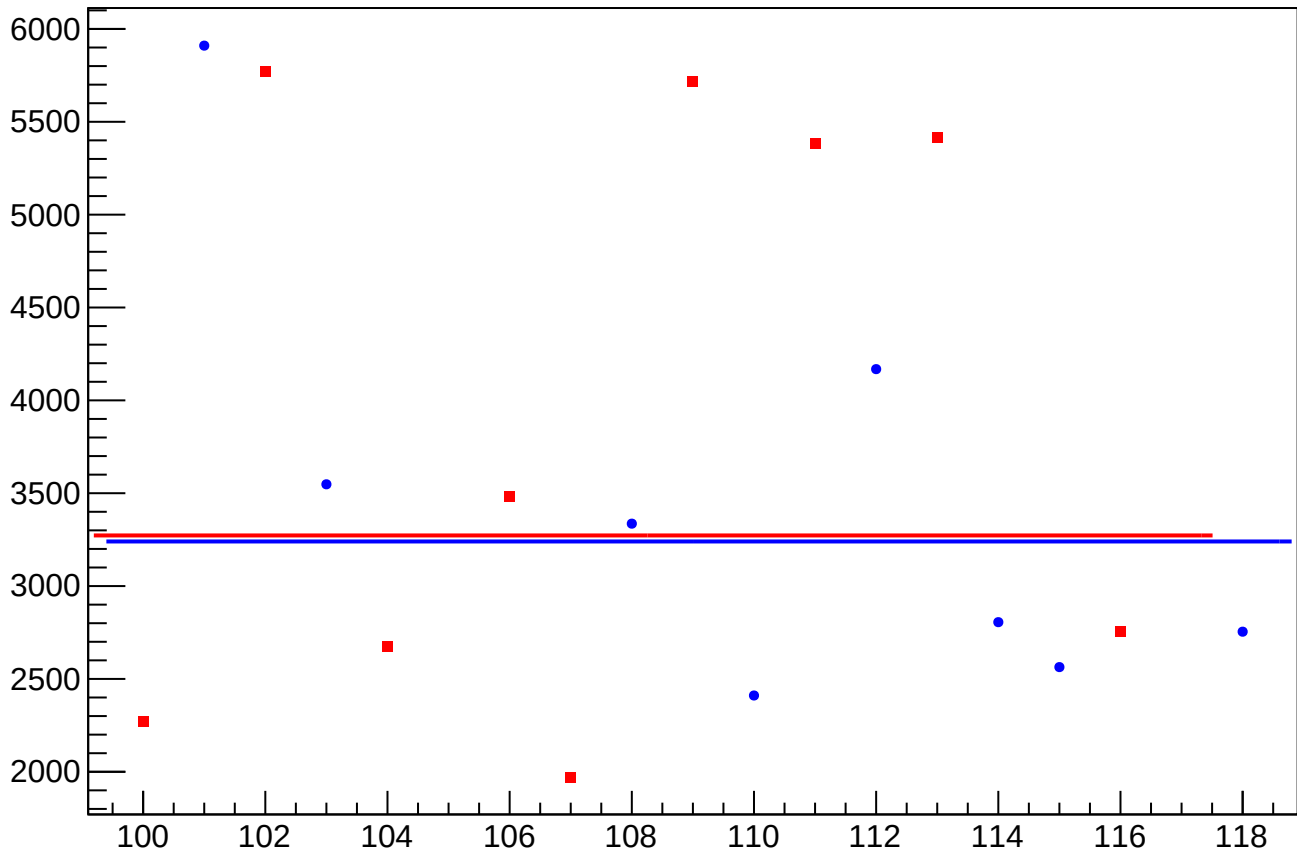
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.048 $\pm$ 1.369 χ^2 /NDF: 294.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02Y_rms vs Slug



Right In: 3240.175+/-1.375 χ^2/NDF : 432747.5/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

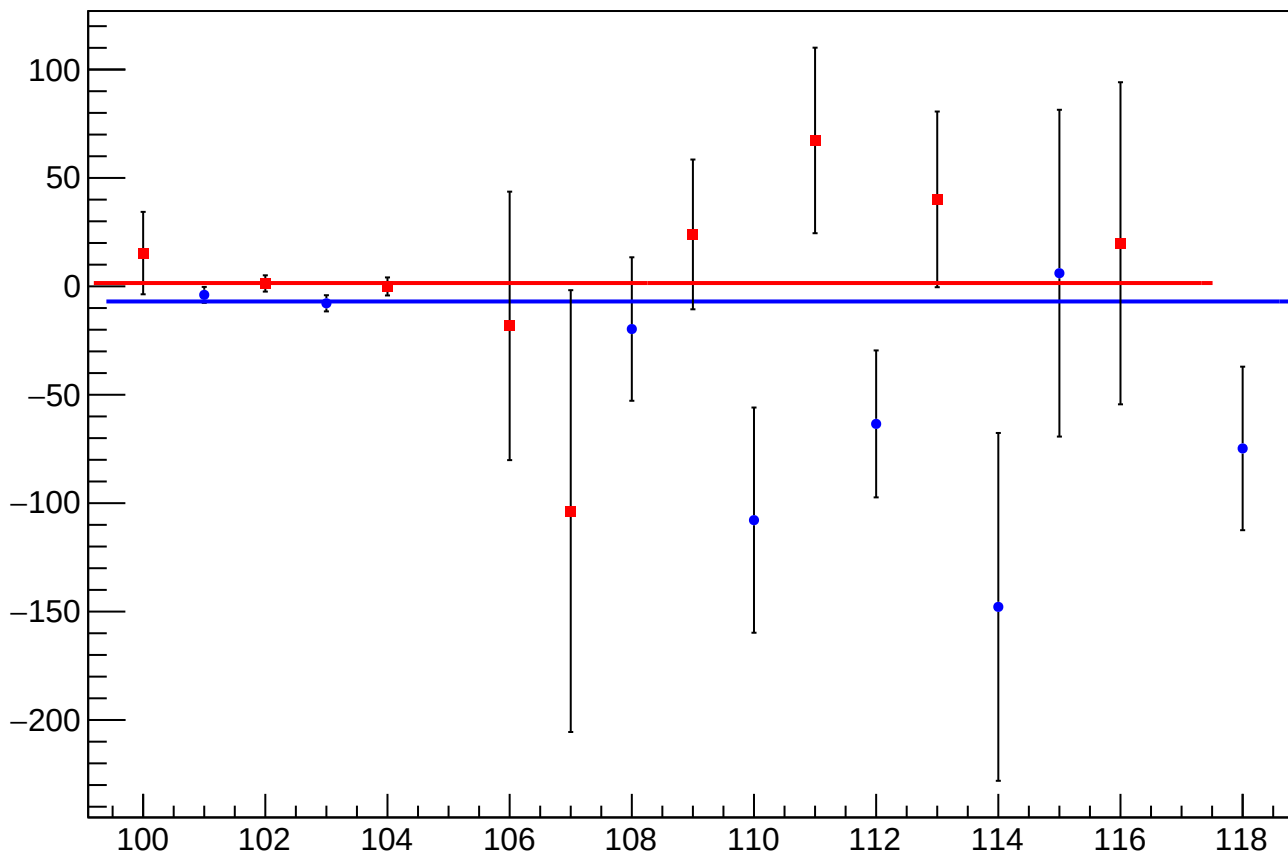
Right Out: 3272.620+/-1.363 χ^2/NDF : 1006225.8/8

All: 3256.533+/-0.968 χ^2/NDF : 1439254.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_mean vs Slug



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: 1.529+/-2.730 χ^2/NDF : 5.6/8

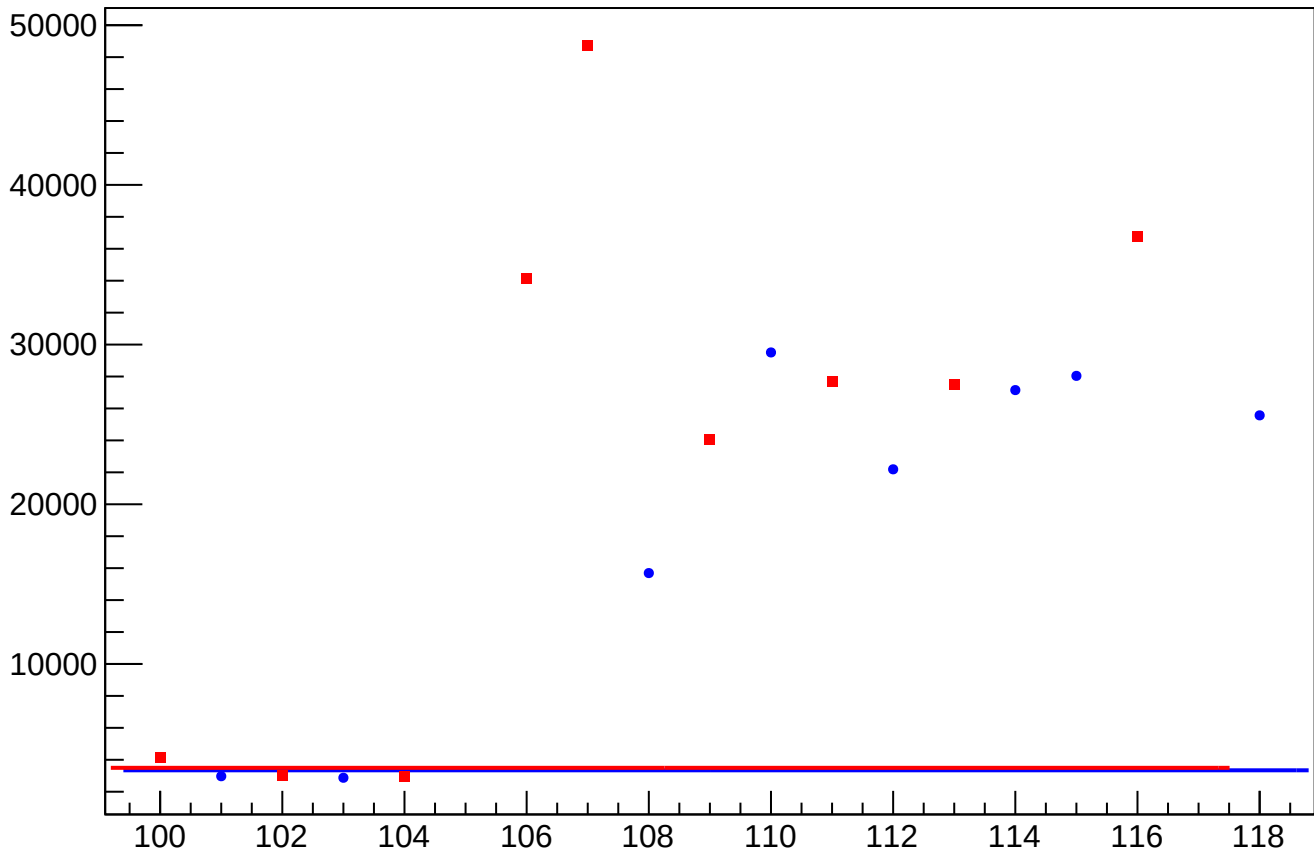
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.950+/-1.878 χ^2/NDF : 24.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_rms vs Slug



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: 3496.569+/-1.931 χ^2/NDF : 3405250.0/8

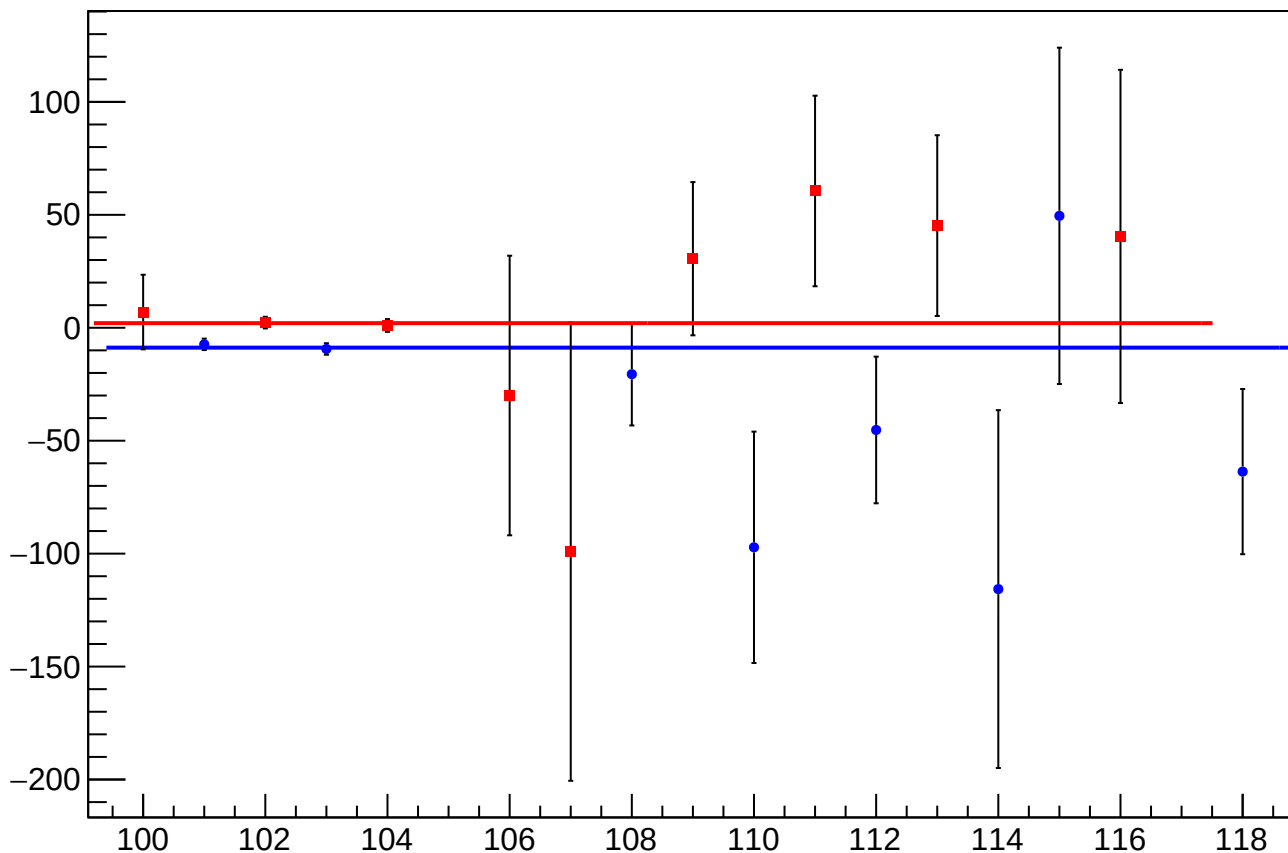
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3414.760+/-1.328 χ^2/NDF : 5951262.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



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: 2.042+/-1.882 χ^2 /NDF: 5.6/8

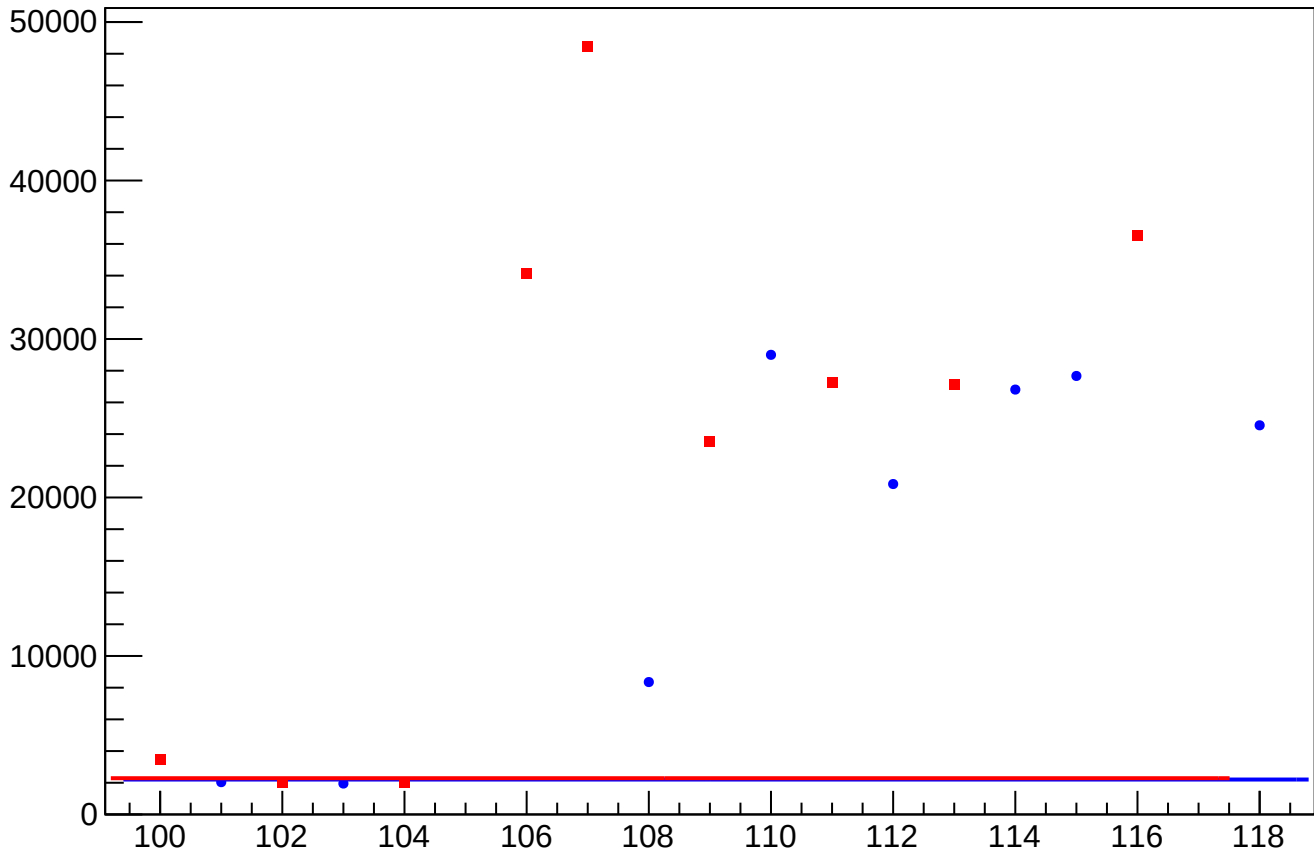
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3.687+/-1.292 χ^2 /NDF: 32.7/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2203.419+/-1.257 χ^2/NDF : 2556402.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

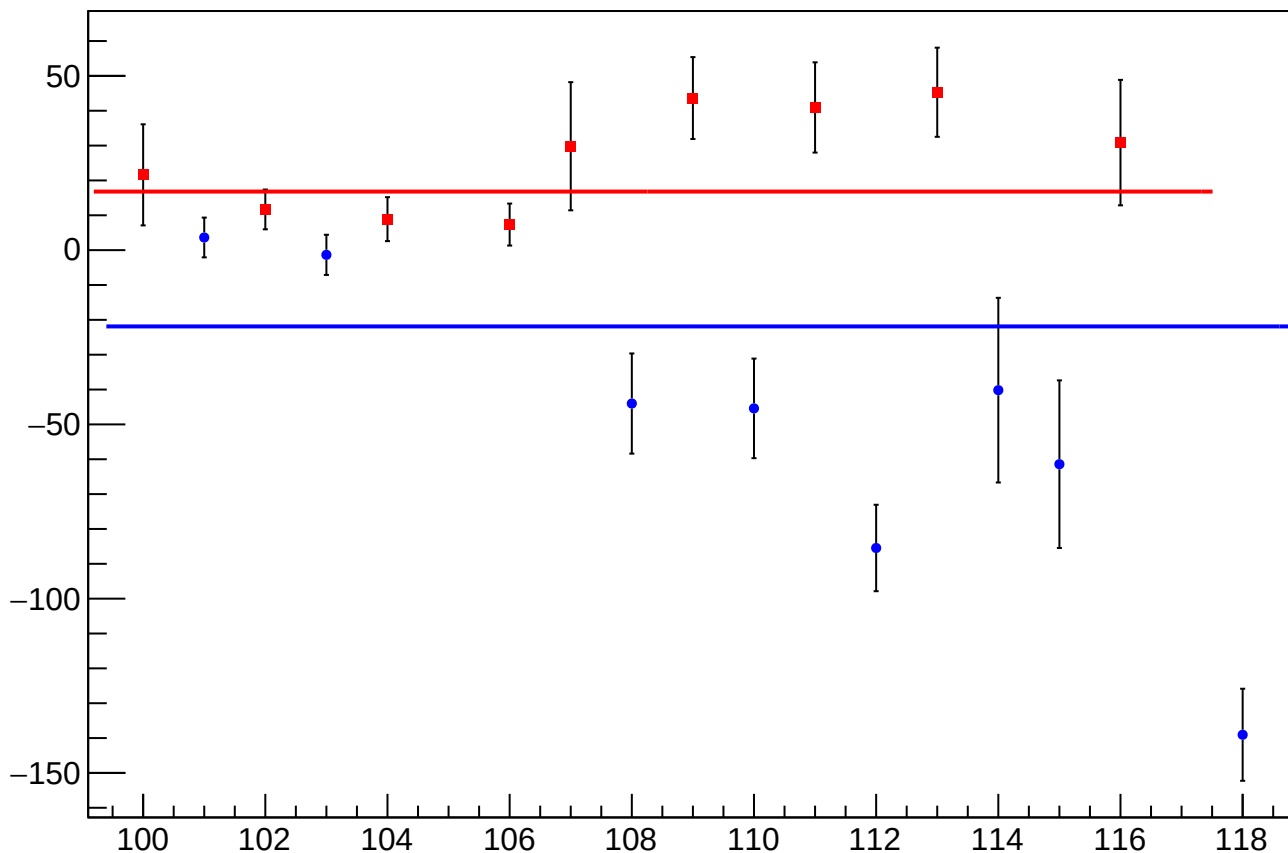
Right Out: 2286.796+/-1.331 χ^2/NDF : 3680966.0/8

All: 2242.726+/-0.914 χ^2/NDF : 6239443.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -21.888 $\pm$ 3.411 χ^2 /NDF: 145.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.804 $\pm$ 2.968 χ^2 /NDF: 19.7/8

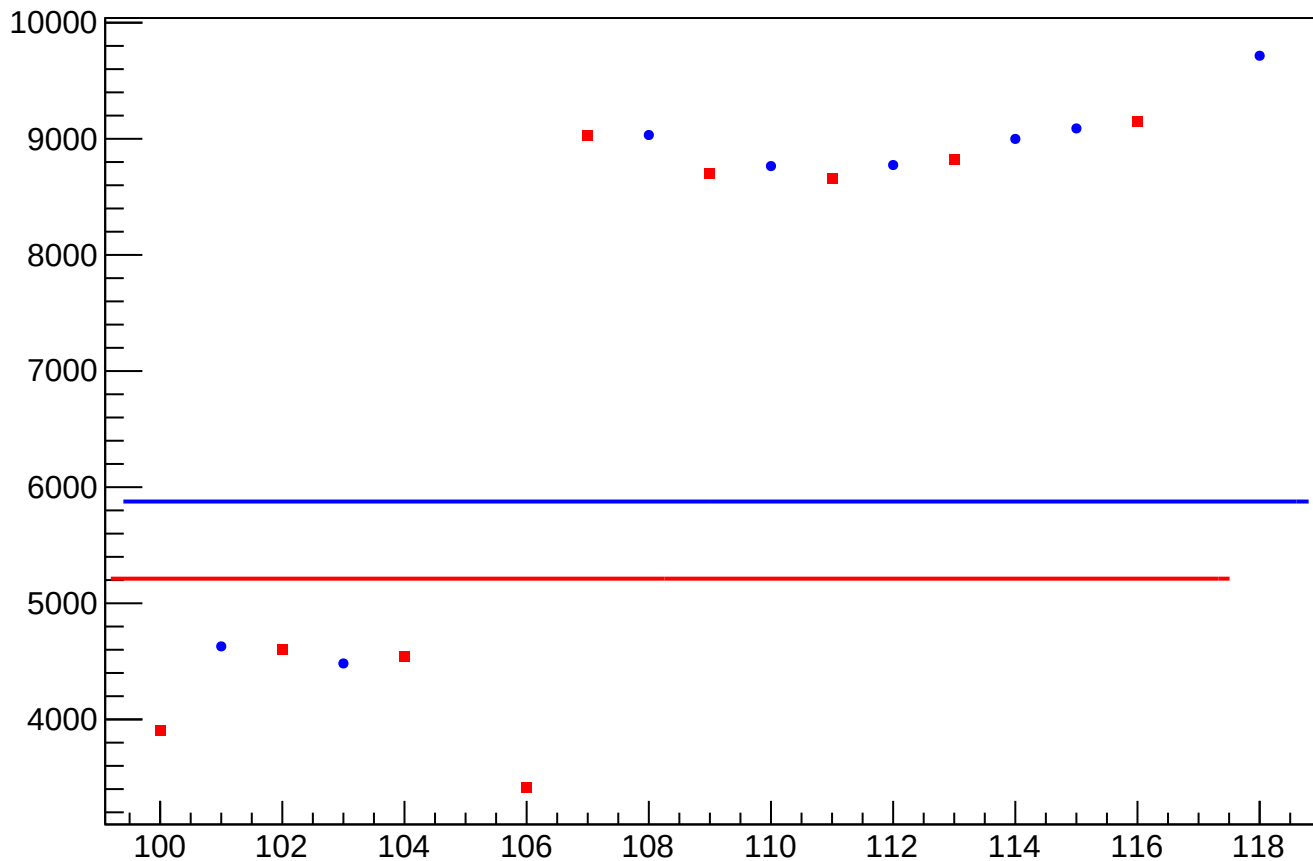
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.133 $\pm$ 2.239 χ^2 /NDF: 238.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



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: 5212.273+/-2.099 χ^2/NDF : 898457.4/8

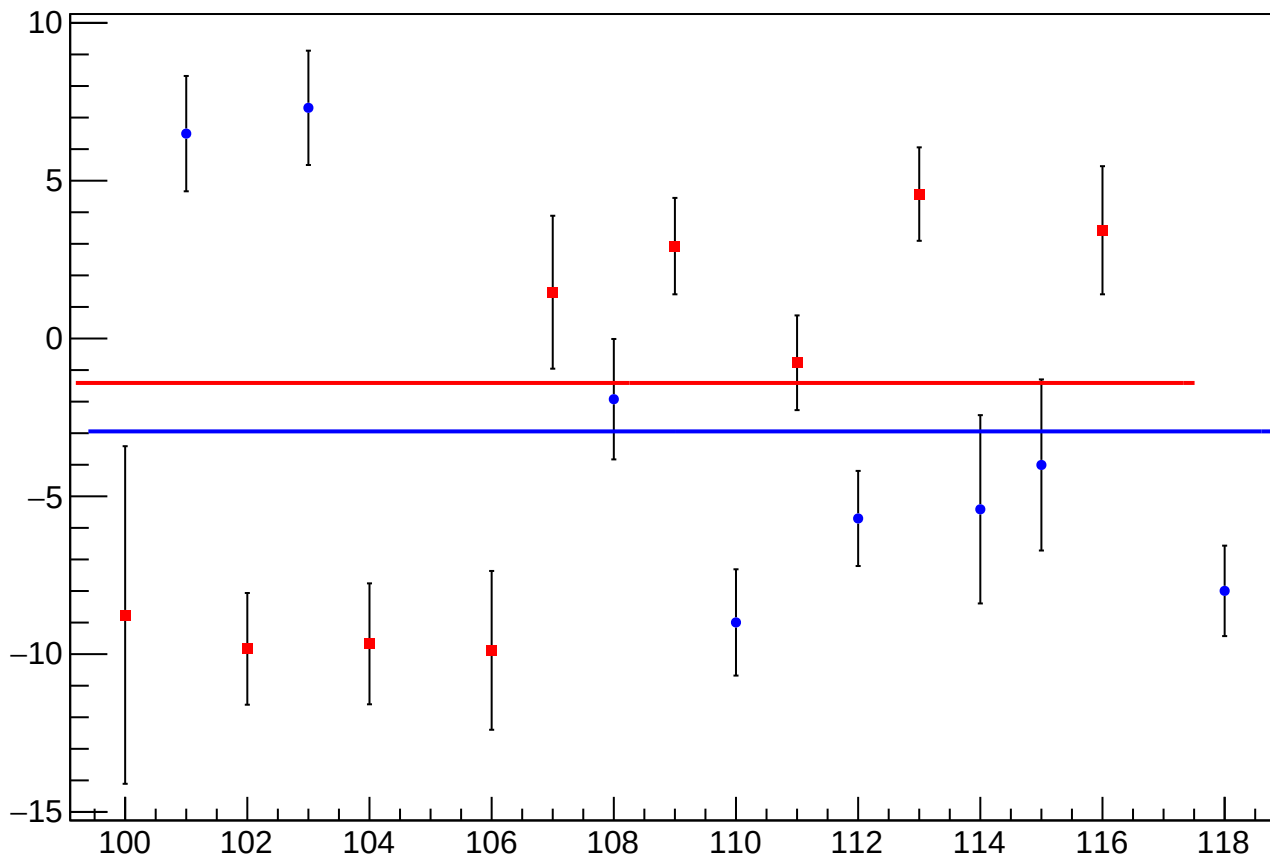
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5498.448+/-1.583 χ^2/NDF : 1674135.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: -2.943 ± 0.644 $\chi^2/\text{NDF}: 88.5/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.408 ± 0.629 $\chi^2/\text{NDF}: 86.2/8$

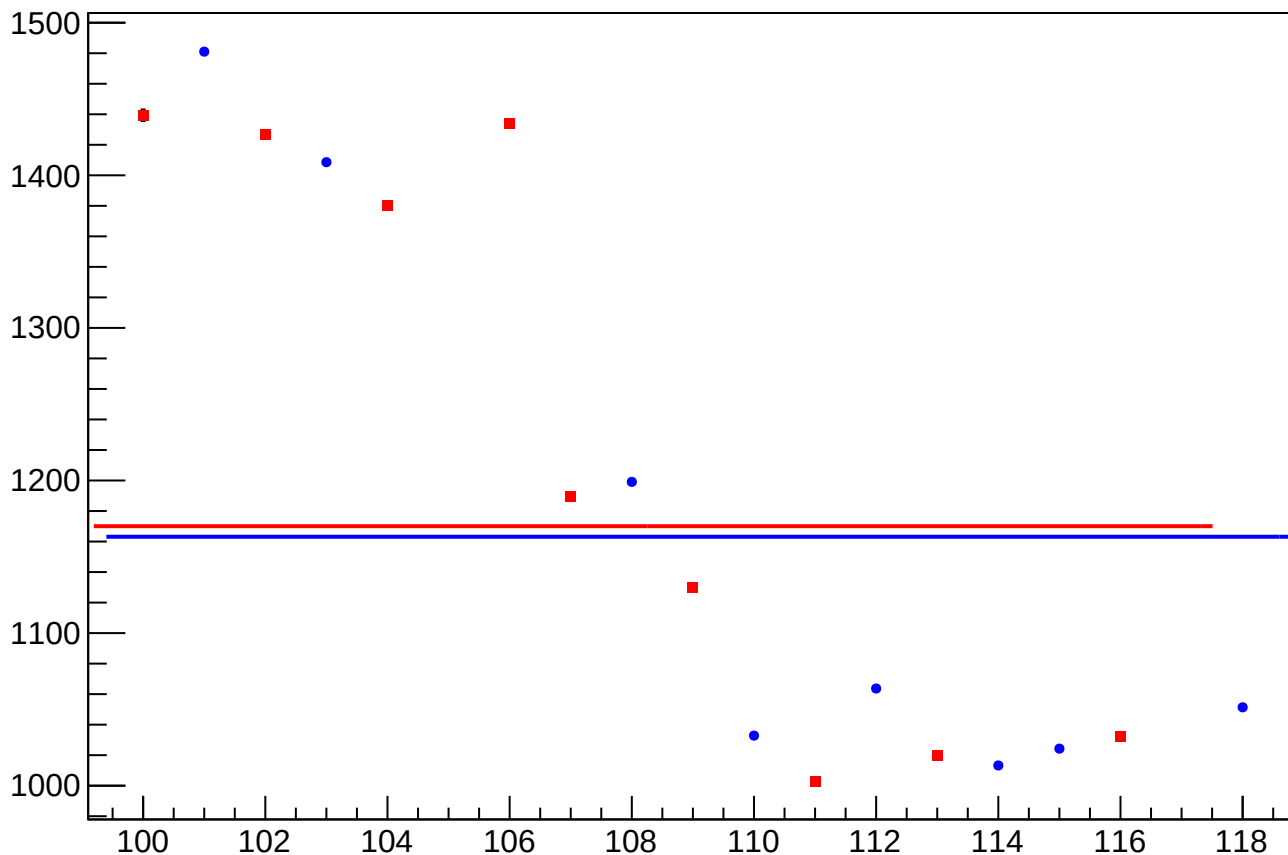
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.157 ± 0.450 $\chi^2/\text{NDF}: 177.6/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l04Y_rms vs Slug



Right In: 1163.151 $\pm$ 0.456 χ^2 /NDF: 141149.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1170.061 $\pm$ 0.445 χ^2 /NDF: 149267.9/8

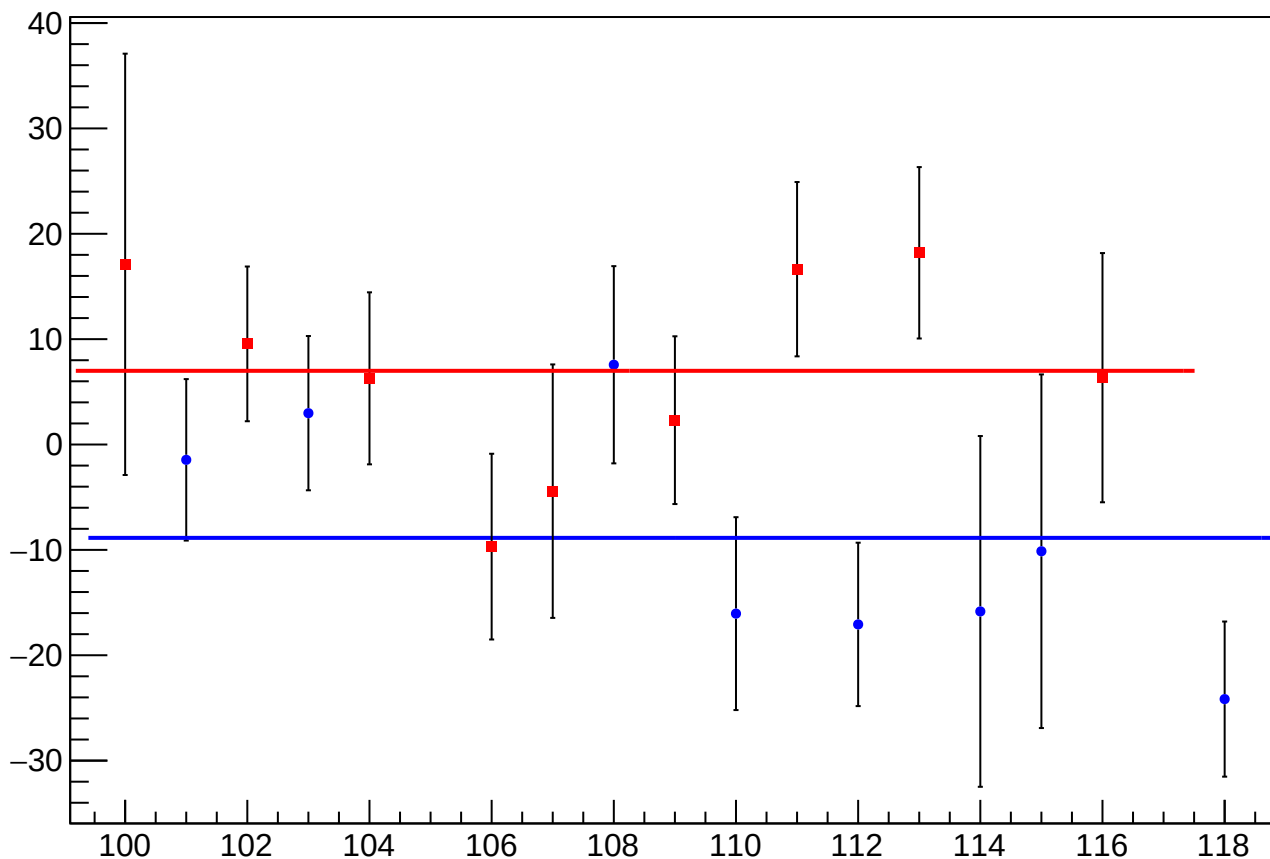
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1166.689 $\pm$ 0.318 χ^2 /NDF: 290534.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



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: 6.994+/-3.036 χ^2/NDF : 8.5/8

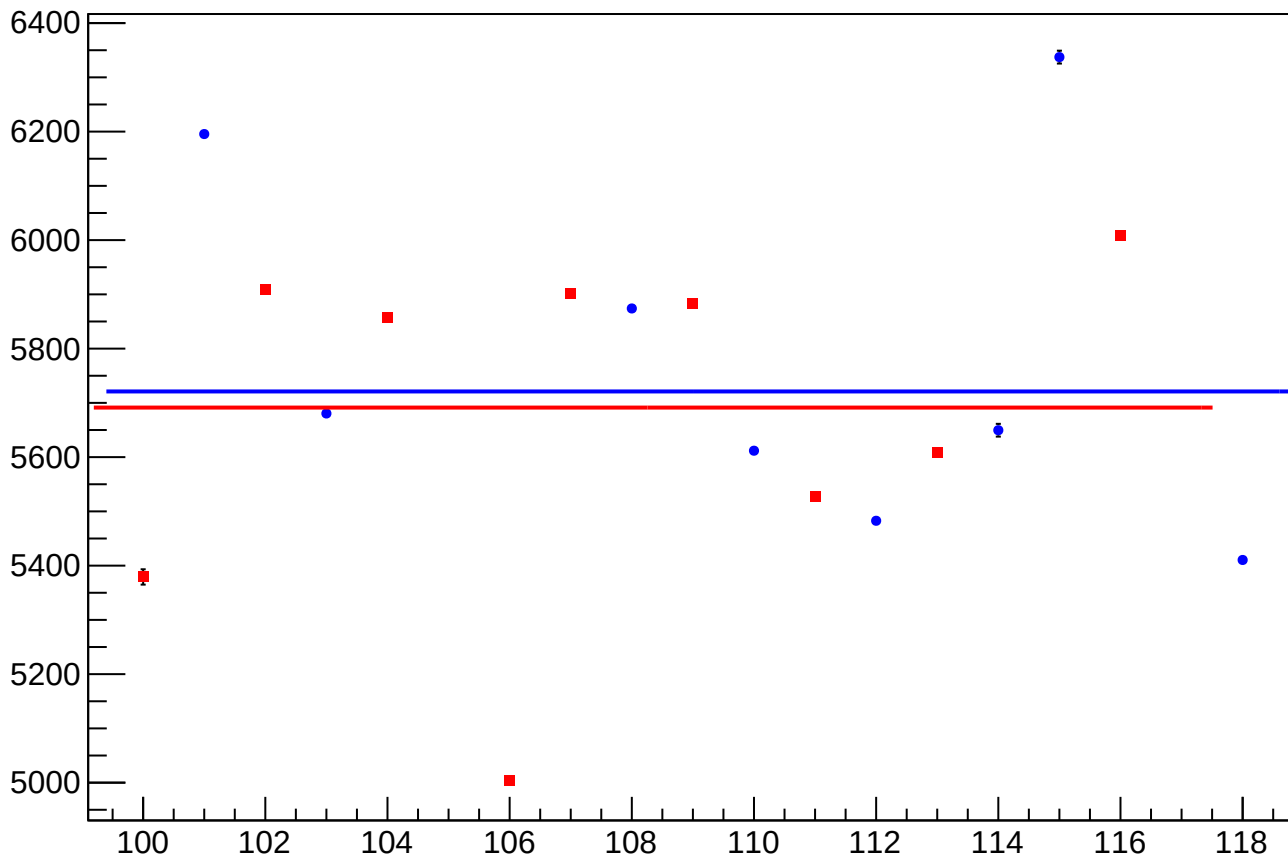
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.660+/-2.183 χ^2/NDF : 34.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05X_rms vs Slug



Right In: 5721.062 $\pm$ 2.222 χ^2 /NDF: 16733.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5691.331 $\pm$ 2.147 χ^2 /NDF: 19425.6/8

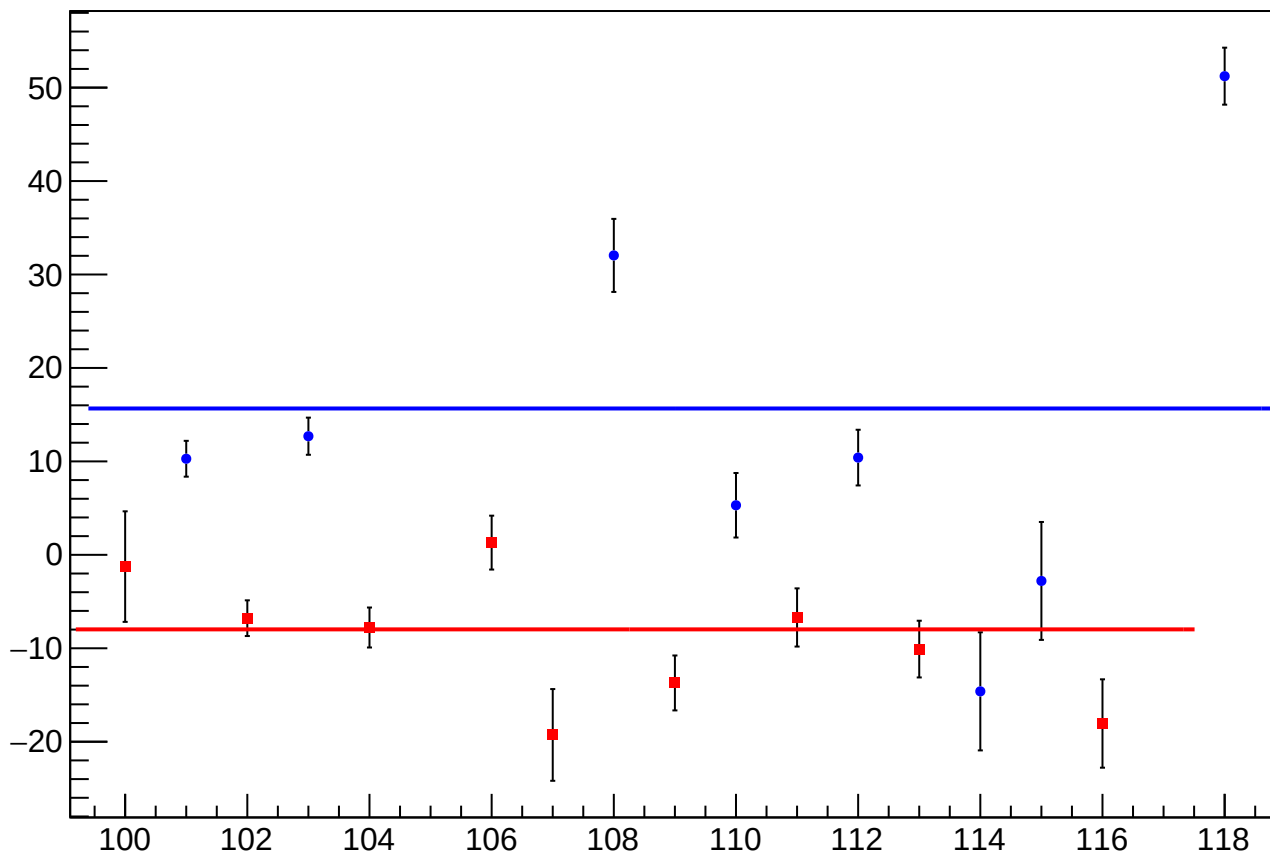
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5705.686 $\pm$ 1.544 χ^2 /NDF: 36251.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_mean vs Slug



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: -7.977 $\pm$ 0.974 χ^2 /NDF: 26.3/8

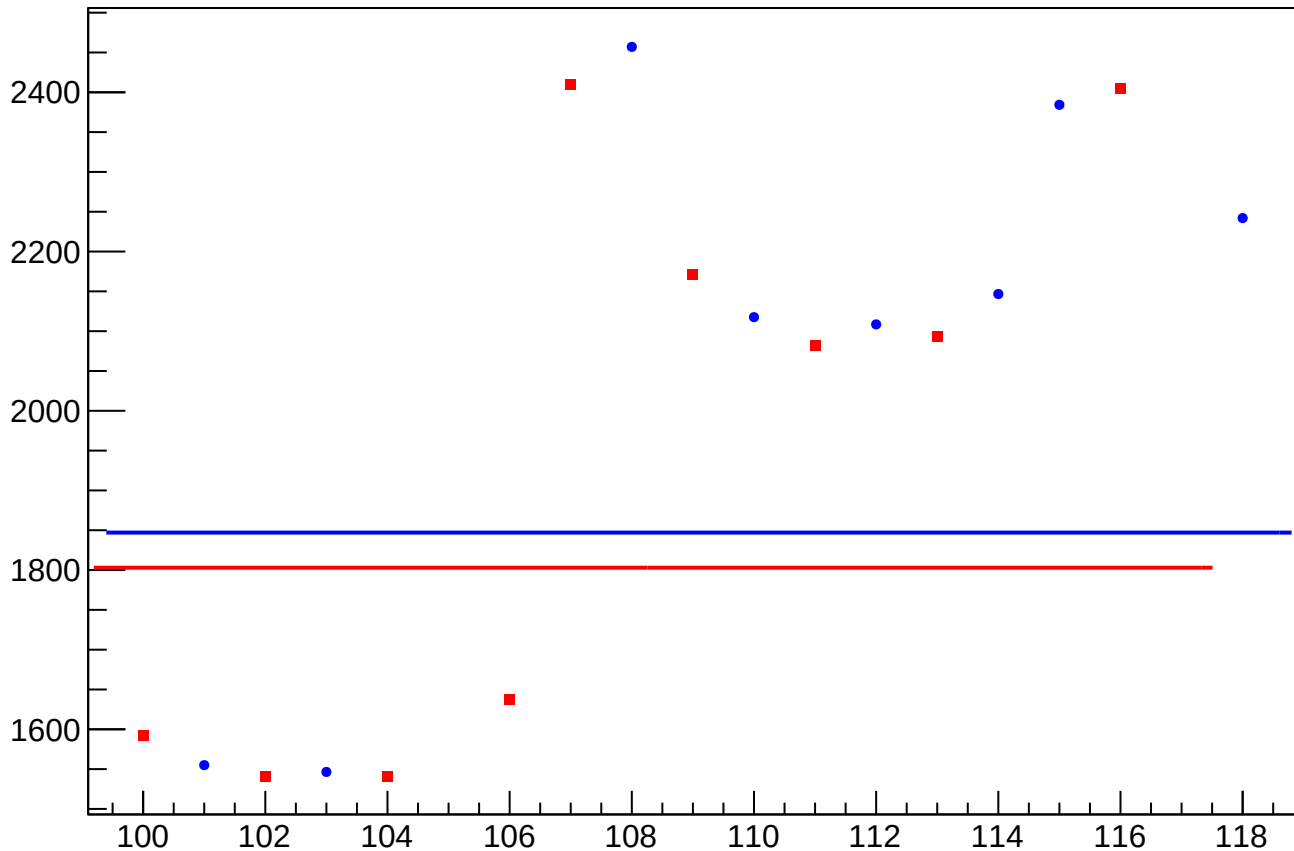
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.191 $\pm$ 0.707 χ^2 /NDF: 512.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_rms vs Slug



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: 1802.959+/-0.688 χ^2/NDF : 205632.2/8

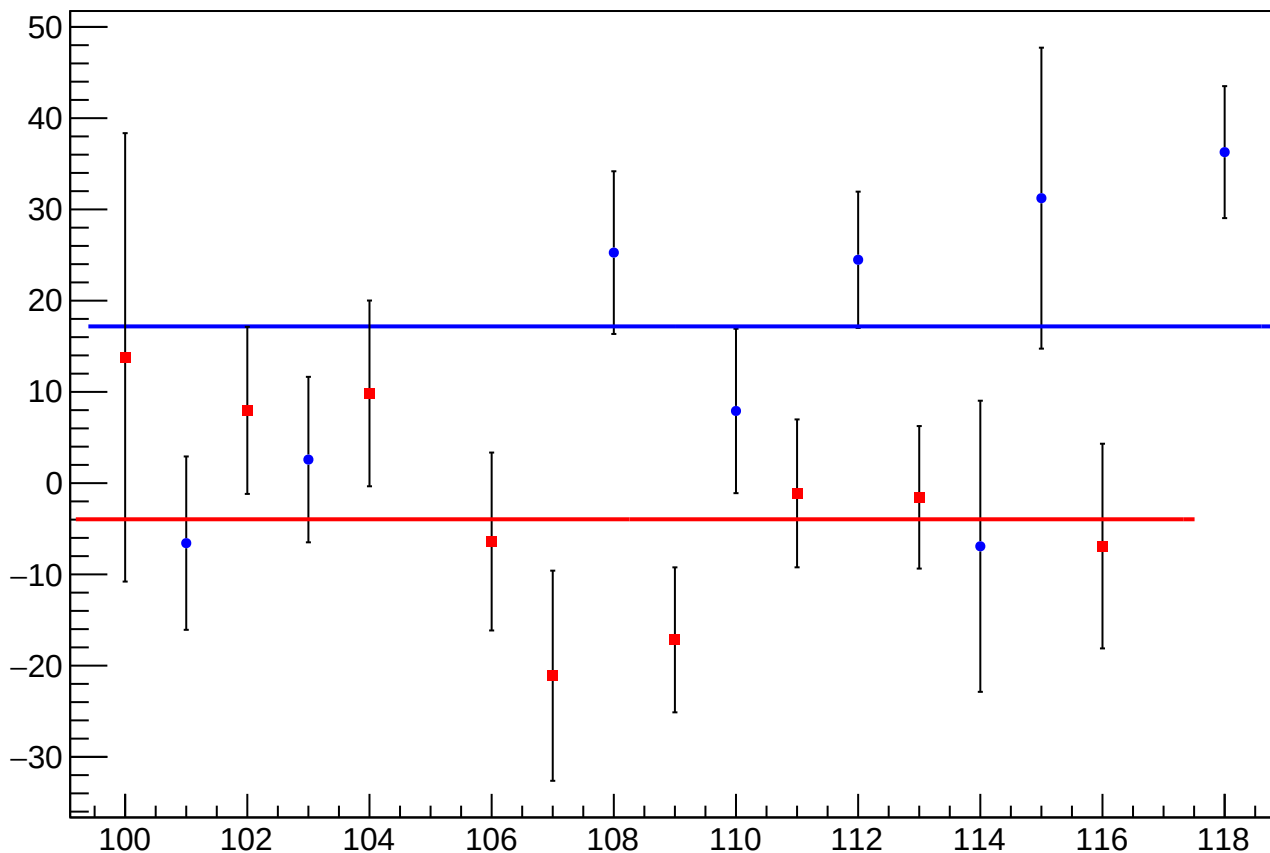
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1823.787+/-0.500 χ^2/NDF : 428636.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



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: -3.960+/-3.216 χ^2/NDF : 9.4/8

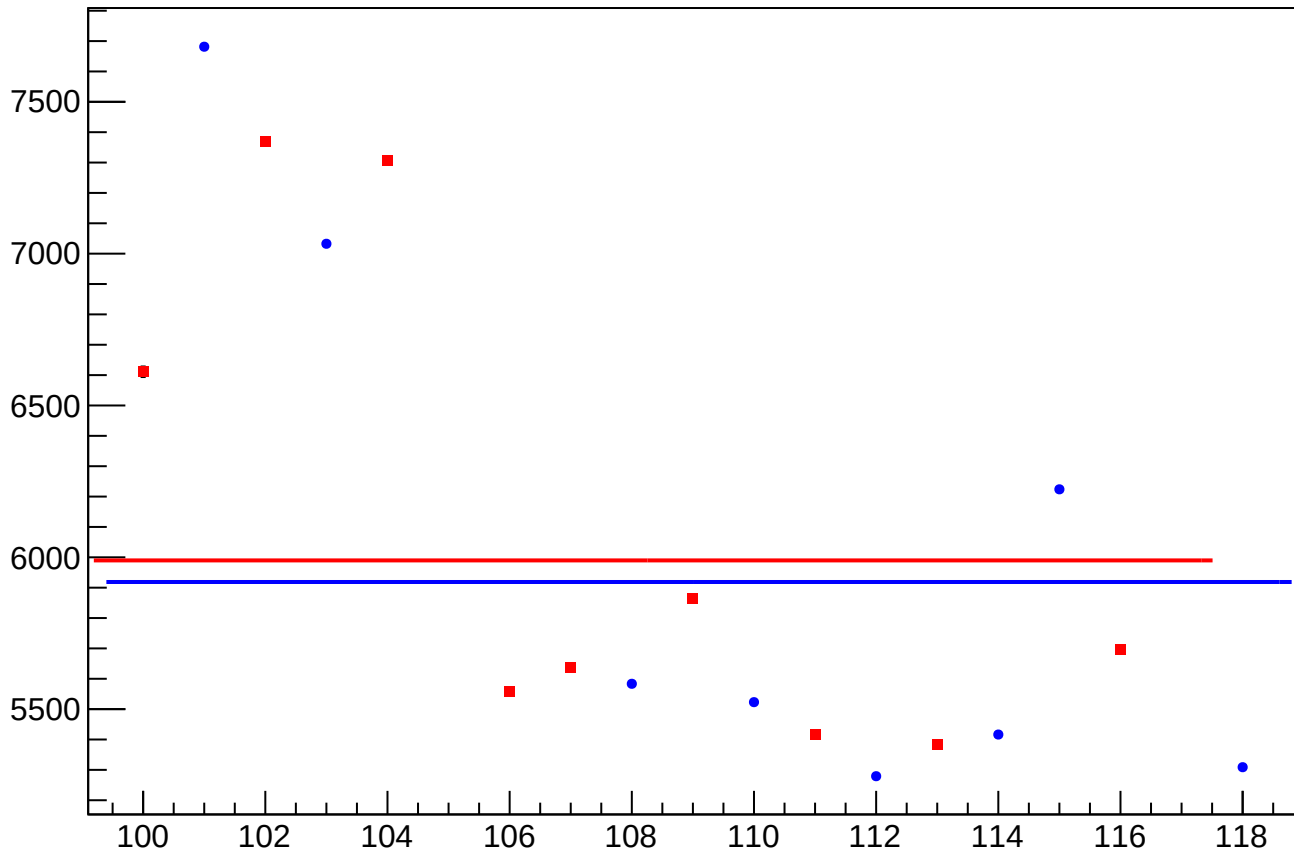
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.391+/-2.297 χ^2/NDF : 52.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 5918.712 $\pm$ 2.321 χ^2 /NDF: 137276.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5989.793 $\pm$ 2.274 χ^2 /NDF: 109836.6/8

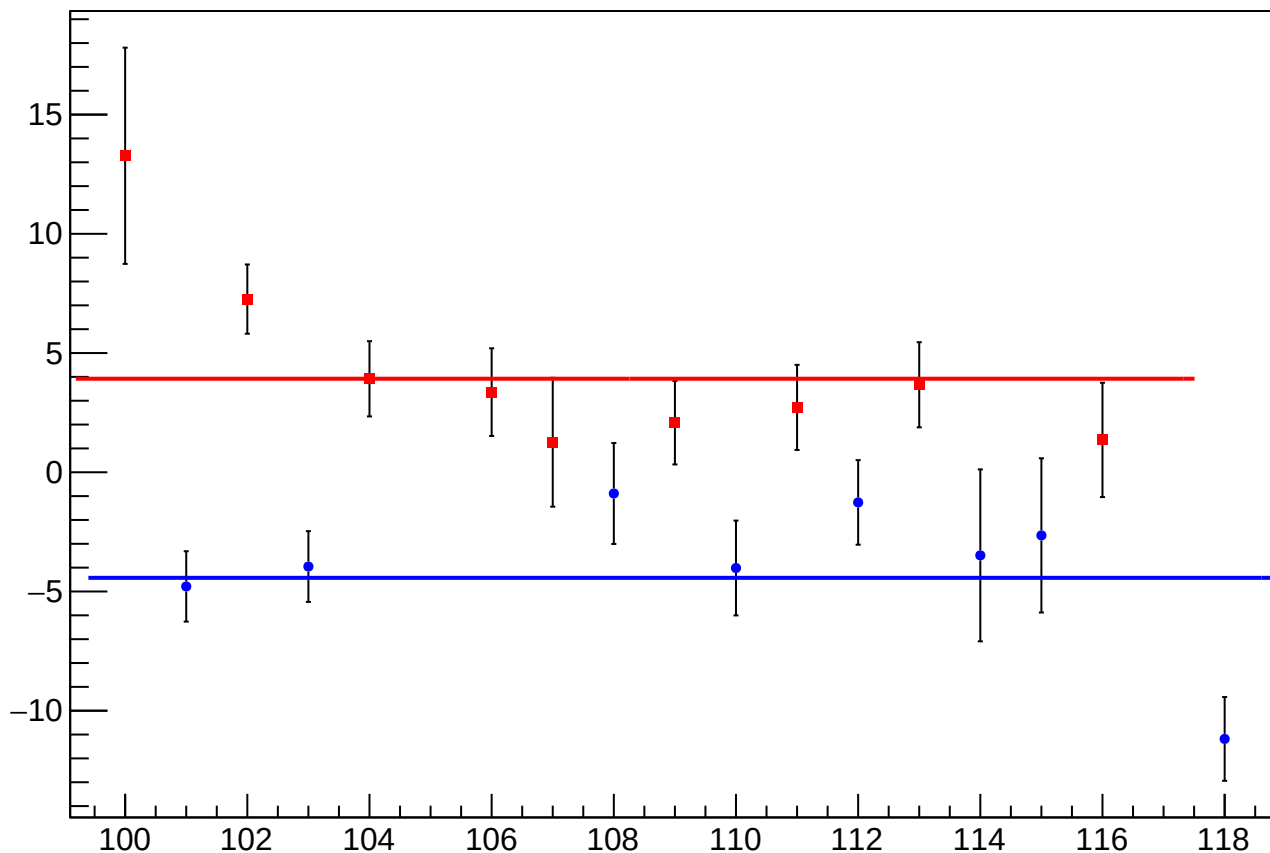
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5954.985 $\pm$ 1.624 χ^2 /NDF: 247591.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -4.427 ± 0.674 $\chi^2/\text{NDF}: 21.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.924 ± 0.634 $\chi^2/\text{NDF}: 13.3/8$

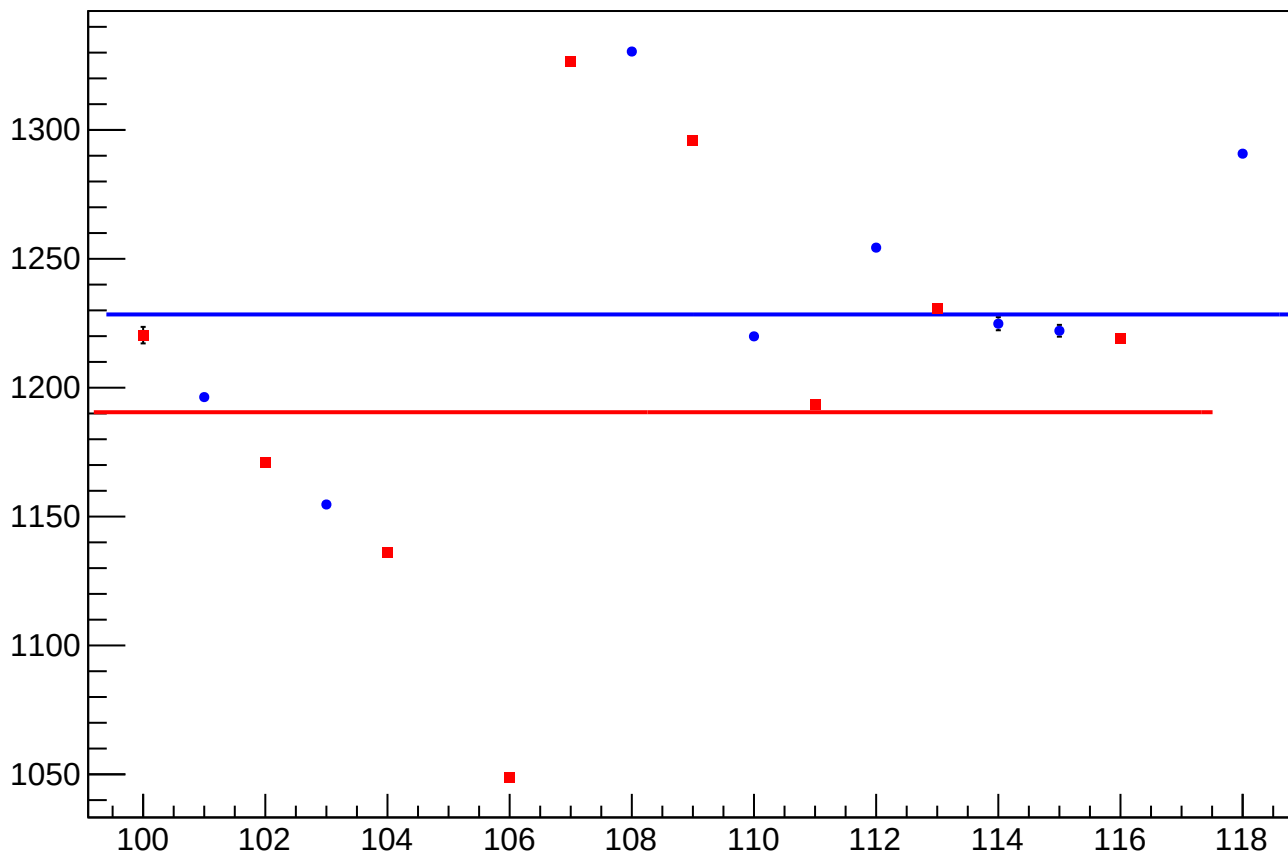
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.001 ± 0.462 $\chi^2/\text{NDF}: 116.1/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l06Y_rms vs Slug



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: 1190.488+/-0.449 χ^2/NDF : 28391.6/8

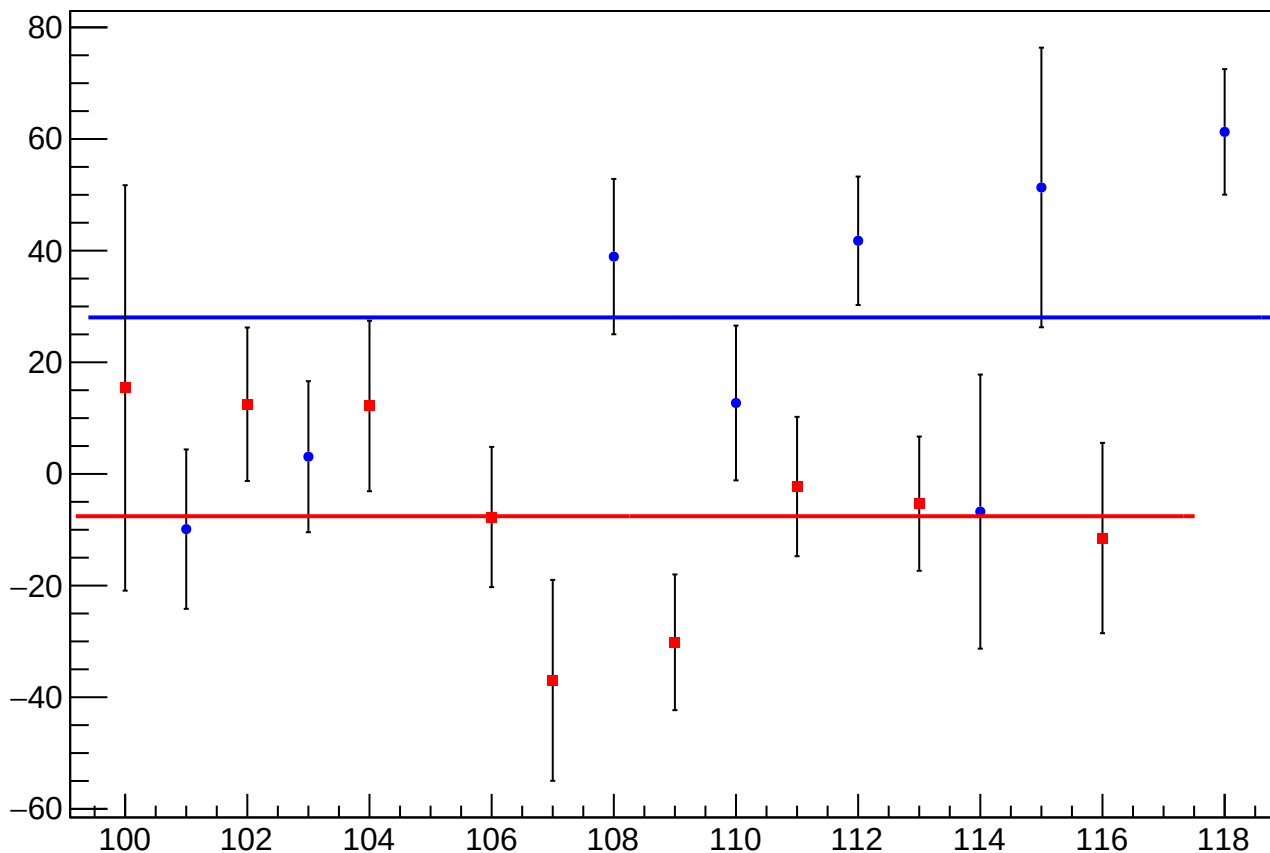
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1208.316+/-0.327 χ^2/NDF : 45276.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 28.039 $\pm$ 5.034 χ^2 /NDF: 25.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.574 $\pm$ 4.805 χ^2 /NDF: 10.6/8

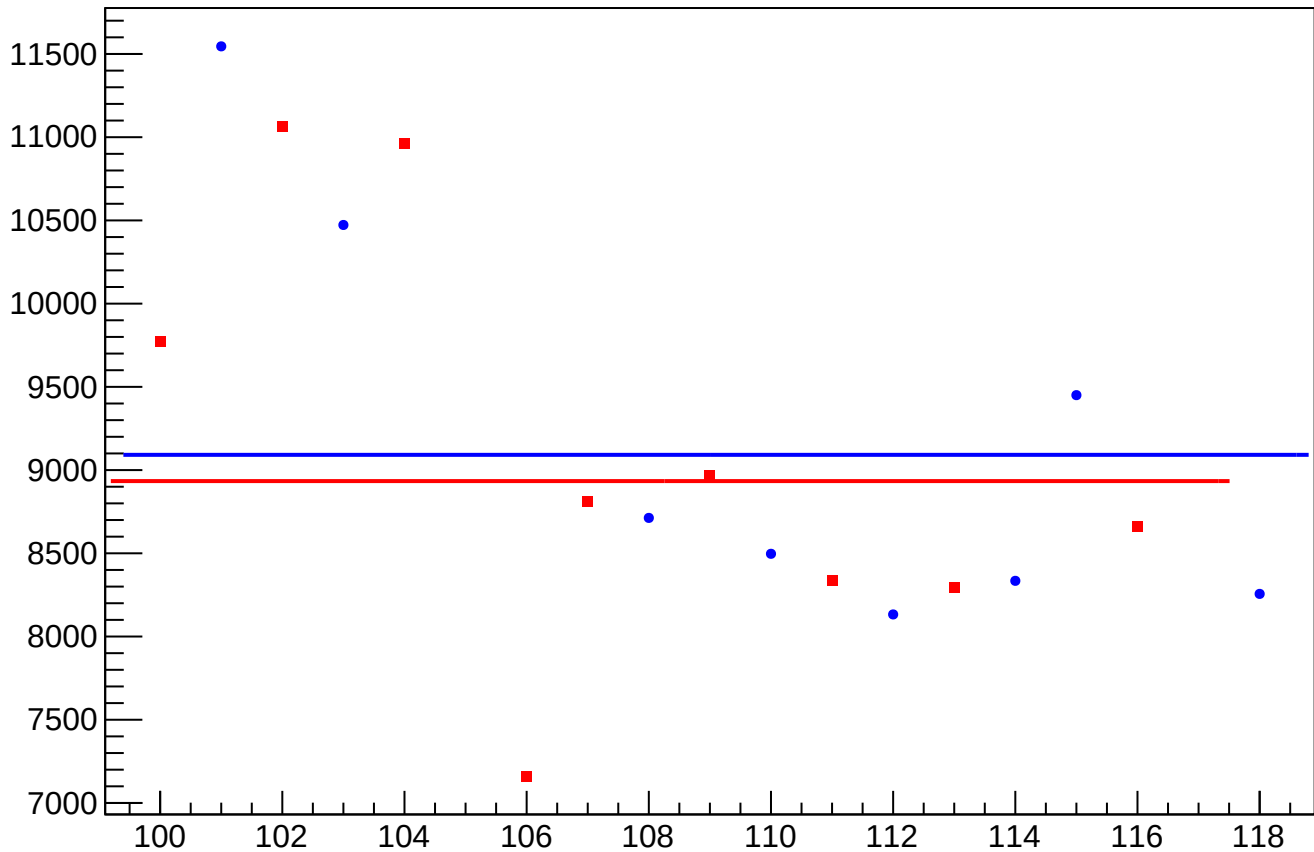
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.405 $\pm$ 3.476 χ^2 /NDF: 62.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



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: 8933.894+/-3.398 χ^2/NDF : 135011.9/8

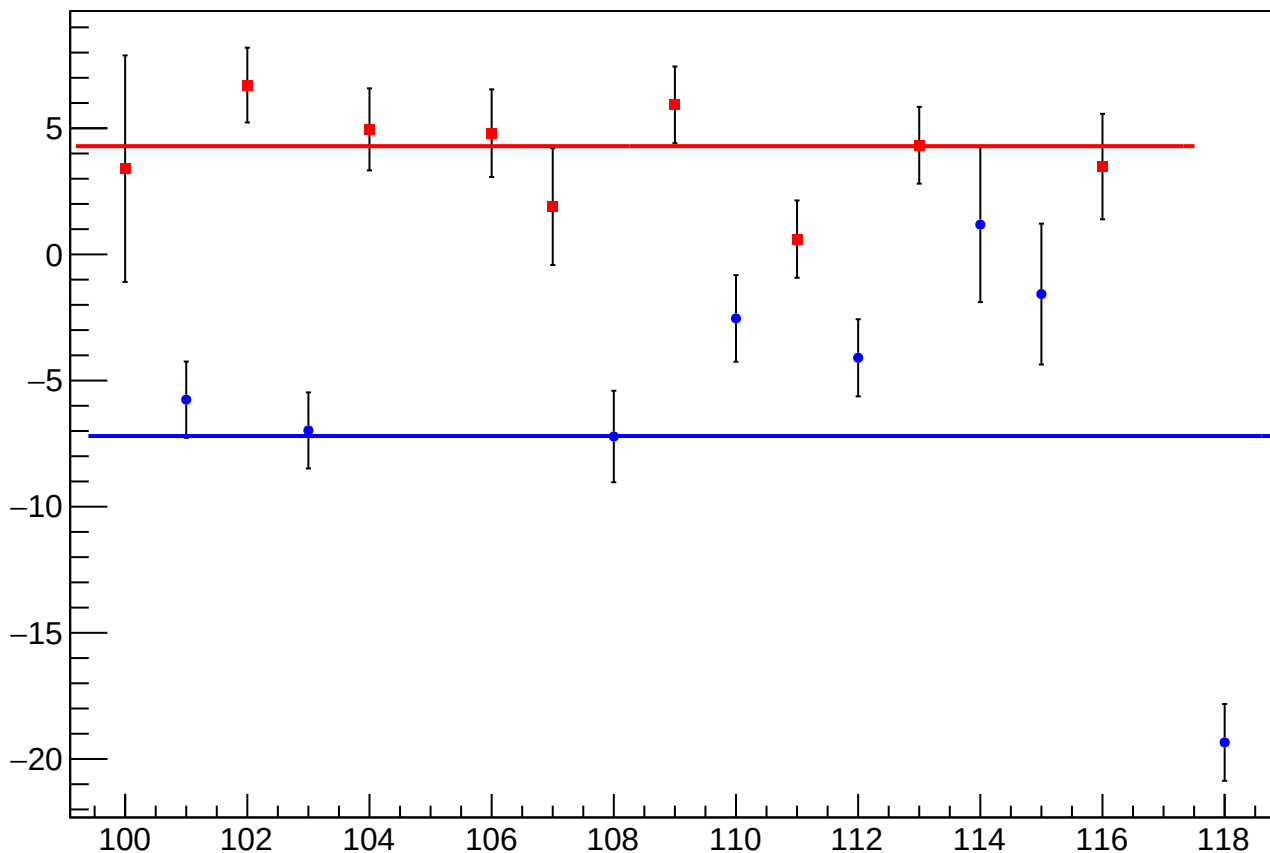
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9009.069+/-2.458 χ^2/NDF : 248381.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_mean vs Slug



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: 4.291+/-0.585 χ^2/NDF : 11.1/8

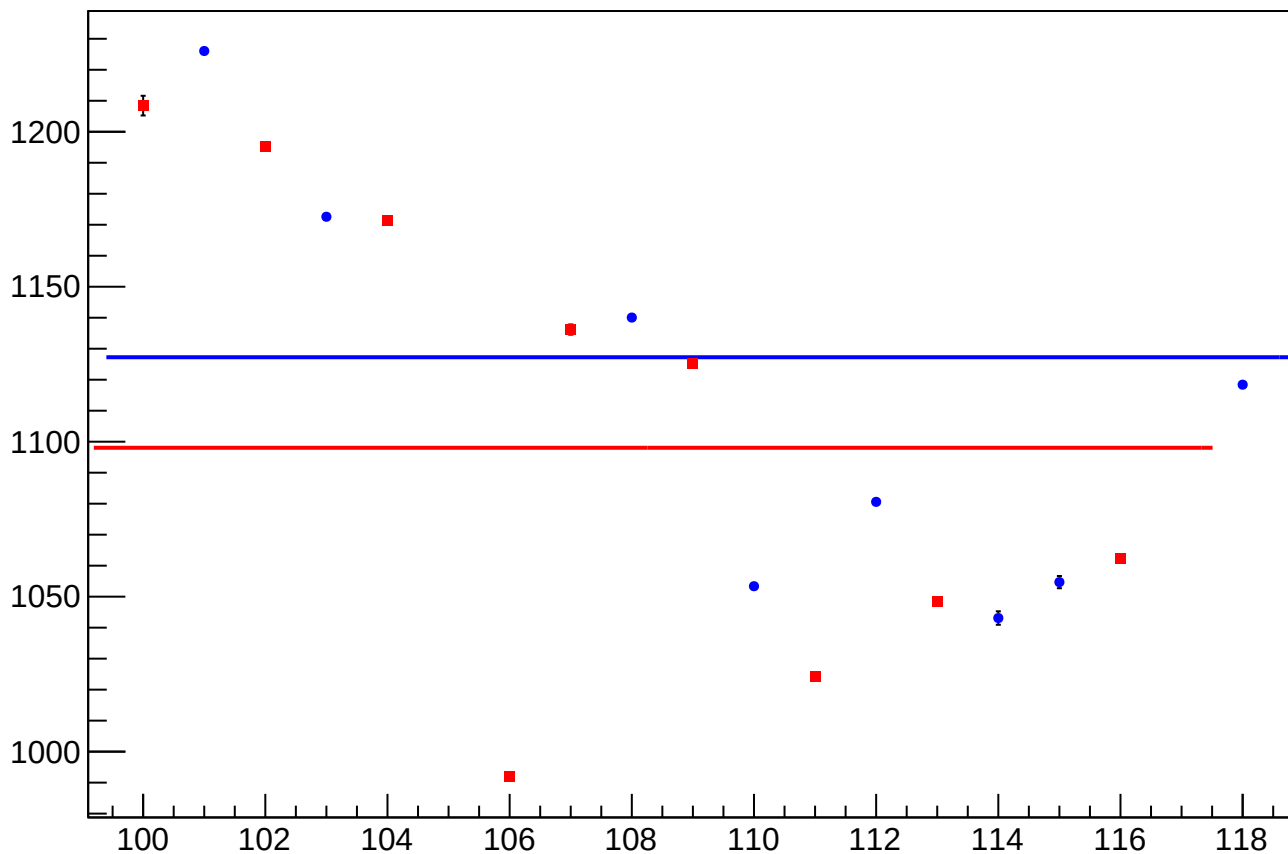
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.136+/-0.425 χ^2/NDF : 280.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1127.248 $\pm$ 0.437 χ^2 /NDF: 18937.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1098.041 $\pm$ 0.414 χ^2 /NDF: 29896.4/8

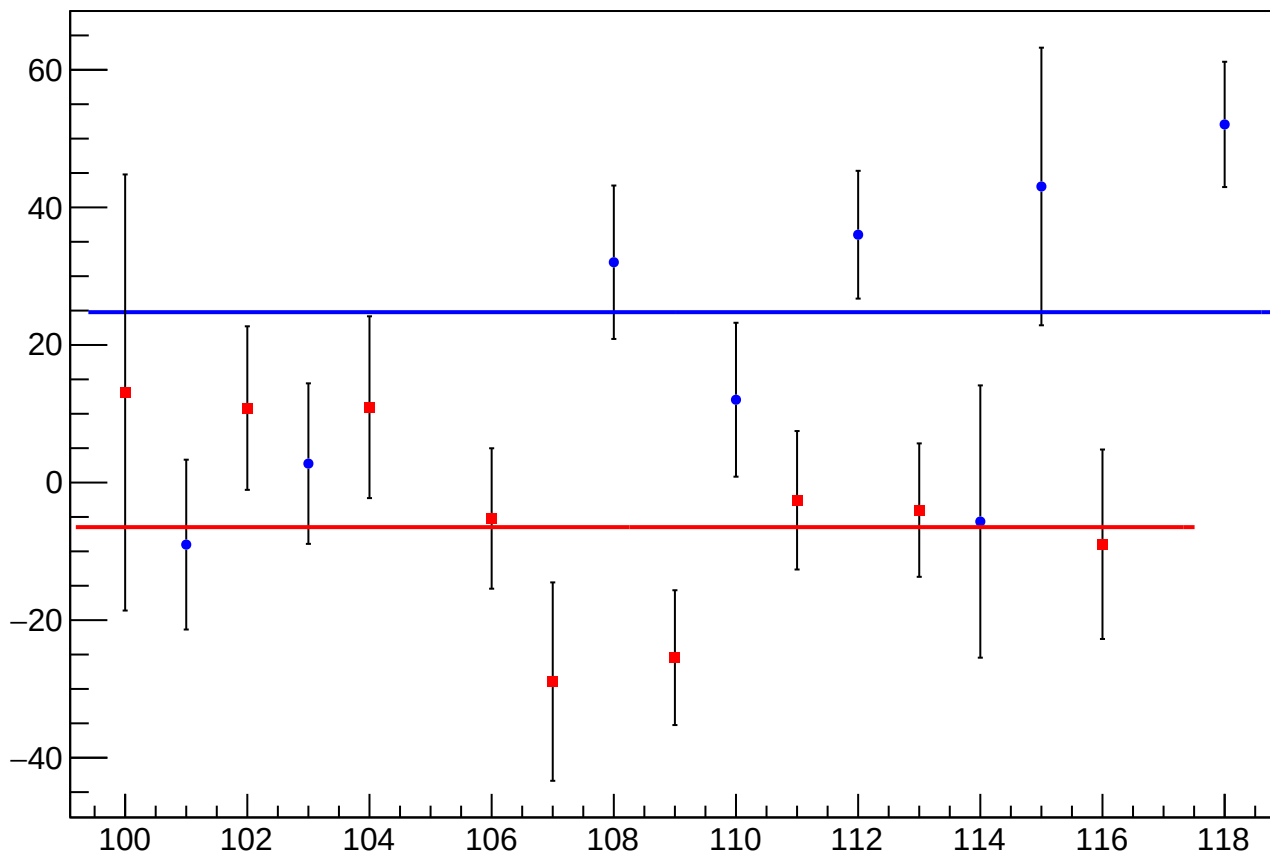
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1111.836 $\pm$ 0.301 χ^2 /NDF: 51187.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



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: -6.479+/-3.941 χ^2/NDF : 10.7/8

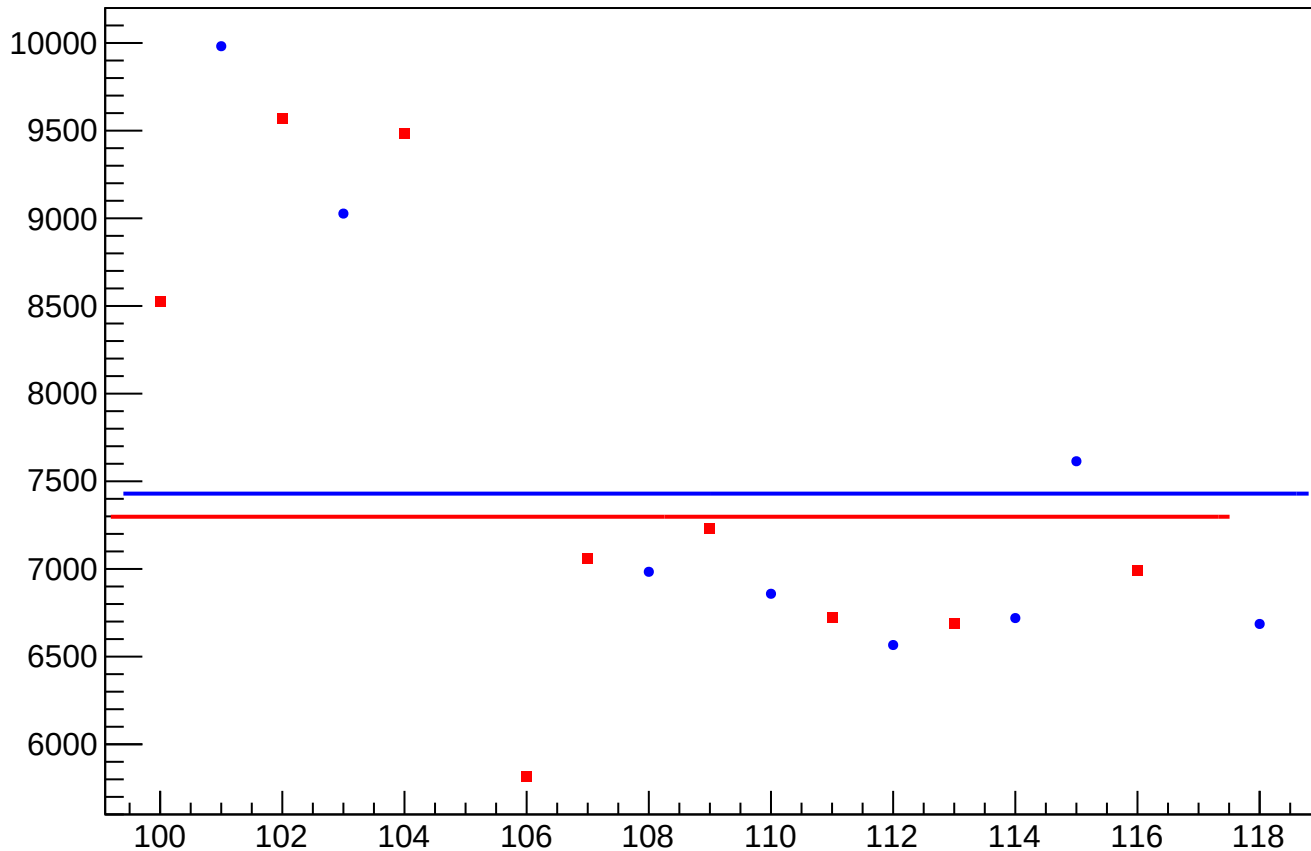
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.409+/-2.851 χ^2/NDF : 67.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7429.712 $\pm$ 2.921 χ^2 /NDF: 164724.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7297.843 $\pm$ 2.786 χ^2 /NDF: 188934.8/8

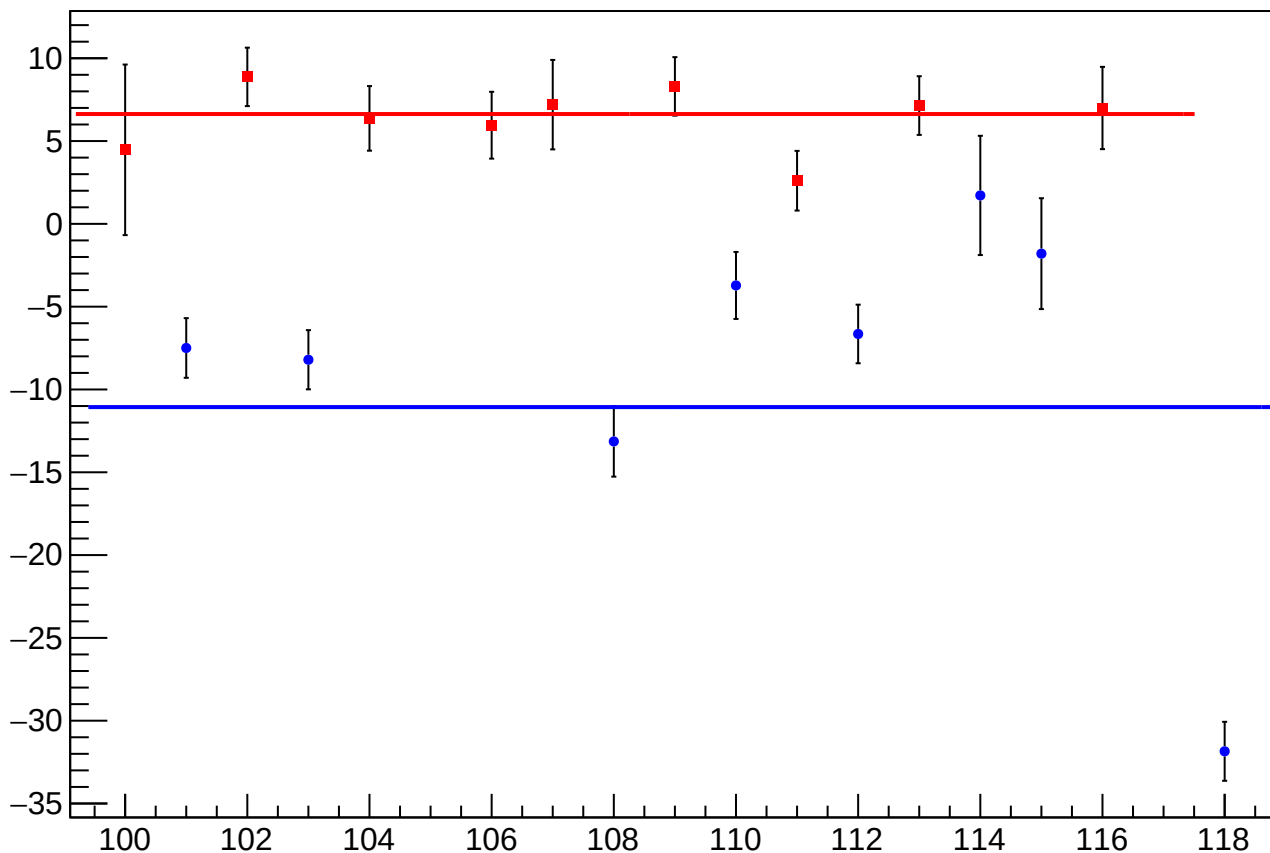
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7360.669 $\pm$ 2.016 χ^2 /NDF: 354726.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -11.064 ± 0.728 χ^2/NDF : 183.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 6.631 ± 0.688 χ^2/NDF : 8.0/8

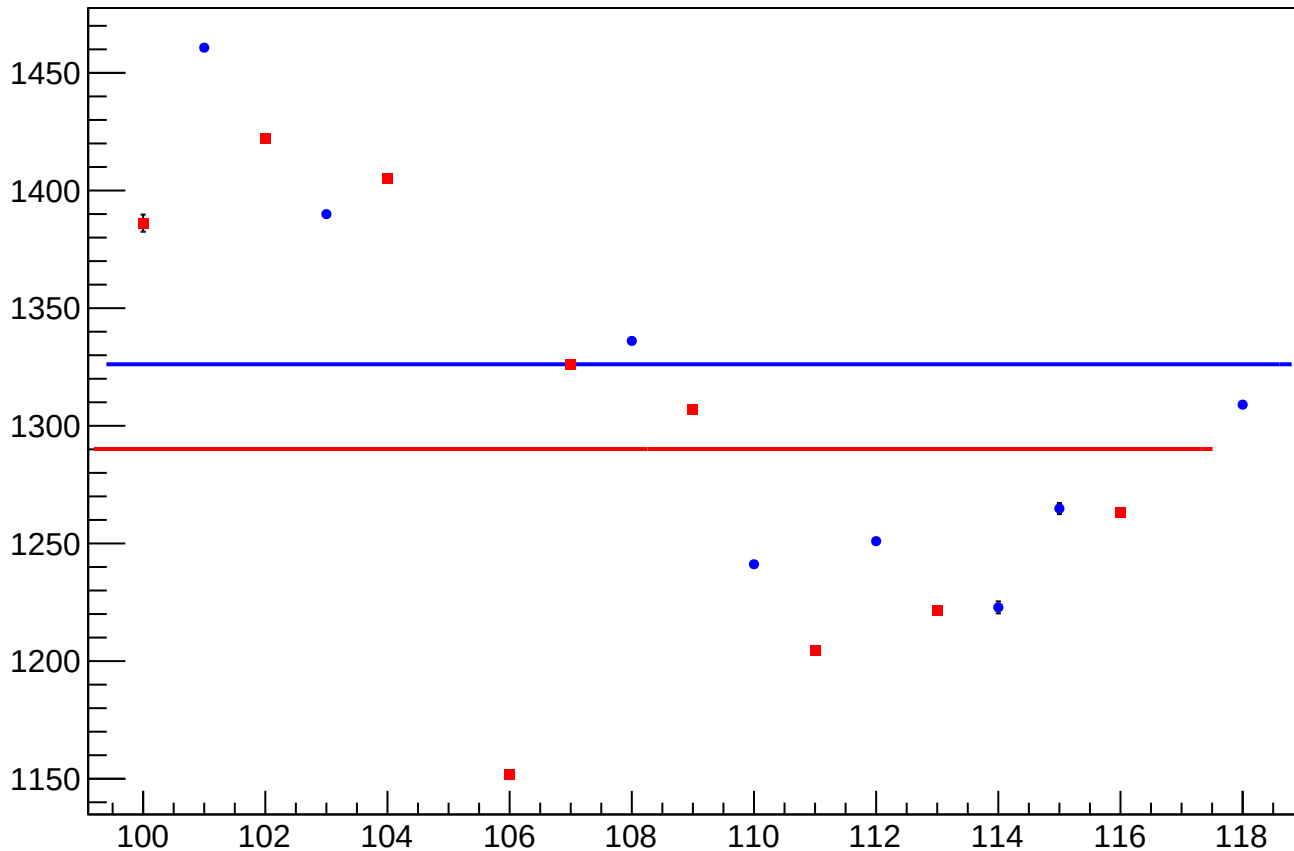
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.718 ± 0.500 χ^2/NDF : 503.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1326.155 $\pm$ 0.515 χ^2 /NDF: 23397.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1290.156 $\pm$ 0.486 χ^2 /NDF: 36516.2/8

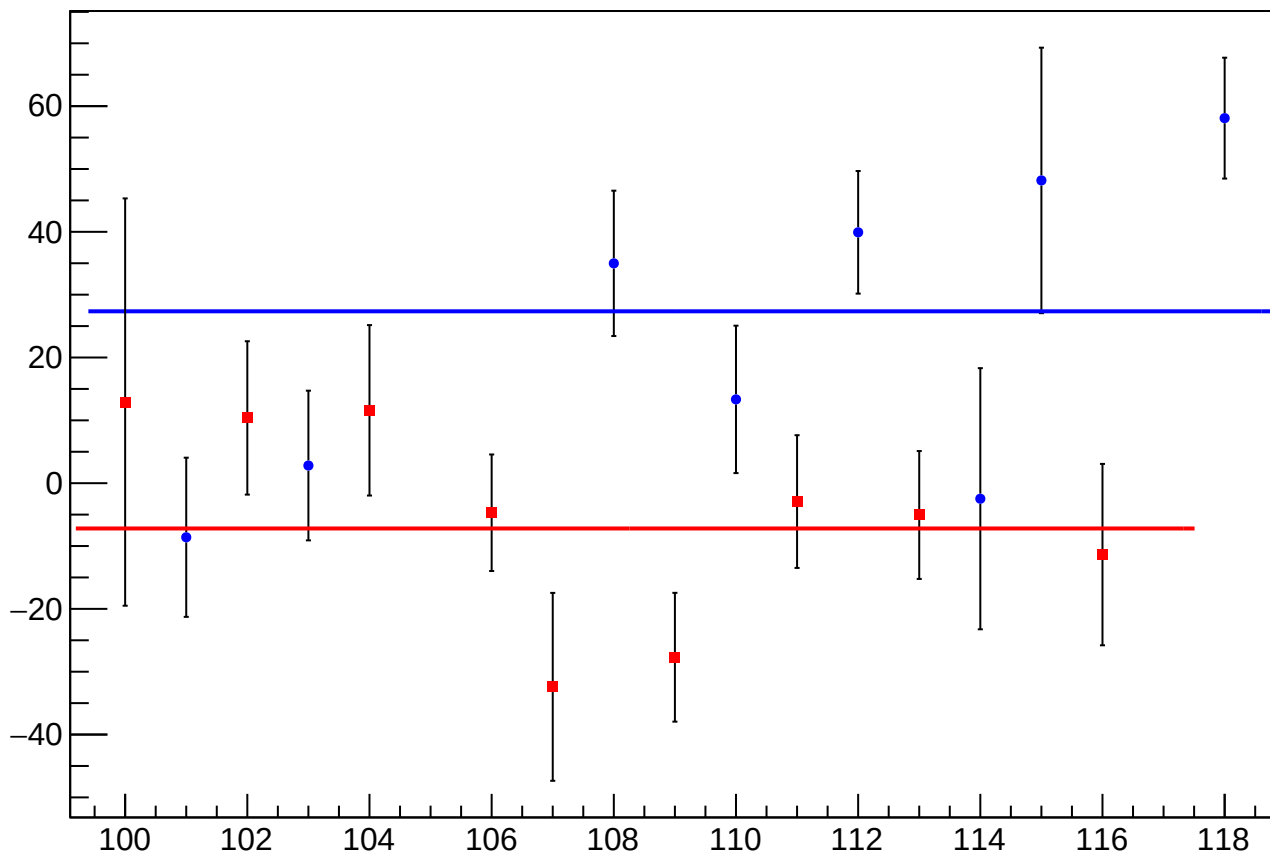
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1307.140 $\pm$ 0.353 χ^2 /NDF: 62498.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 27.352 $\pm$ 4.307 χ^2 /NDF: 29.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.208 $\pm$ 4.011 χ^2 /NDF: 11.6/8

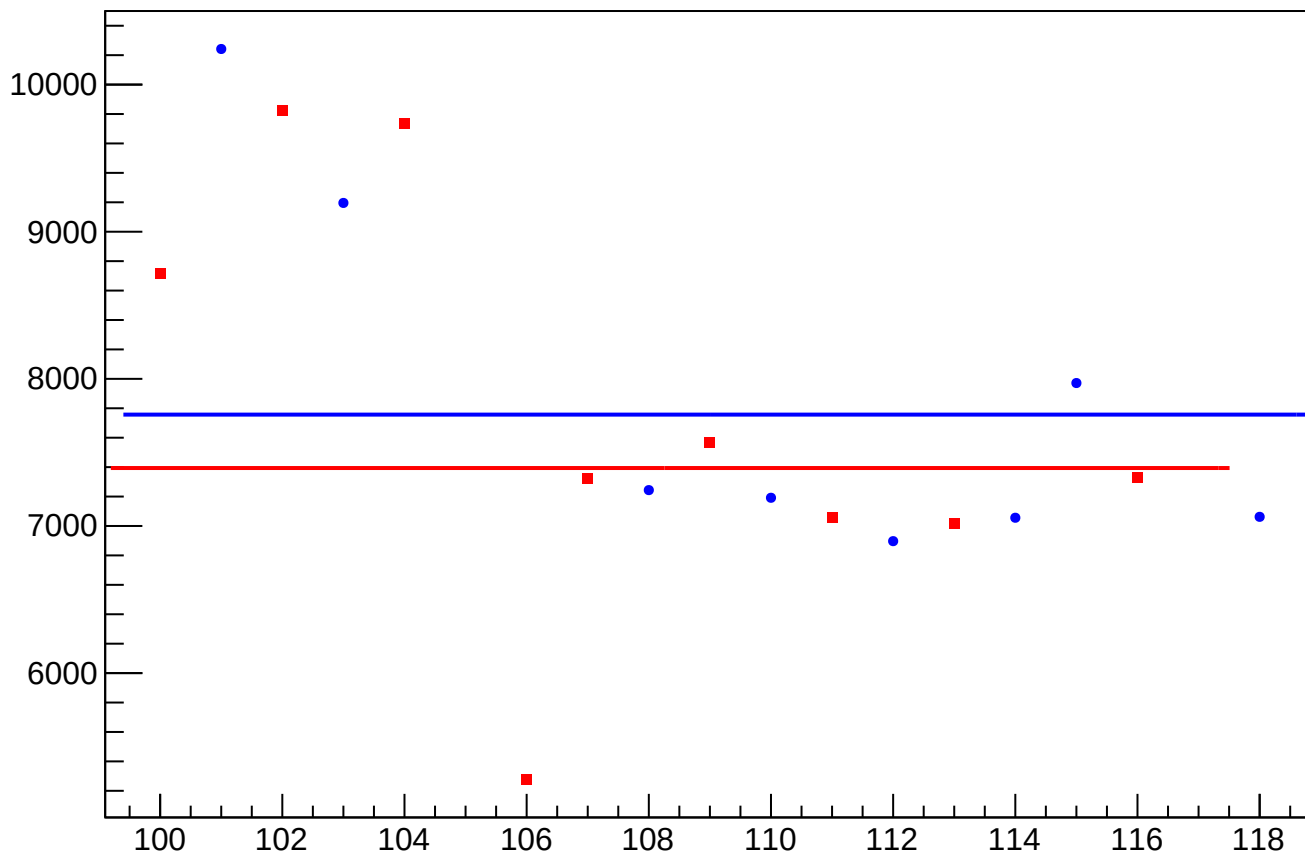
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.845 $\pm$ 2.936 χ^2 /NDF: 75.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



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: 7393.904+/-2.837 χ^2/NDF : 251999.2/8

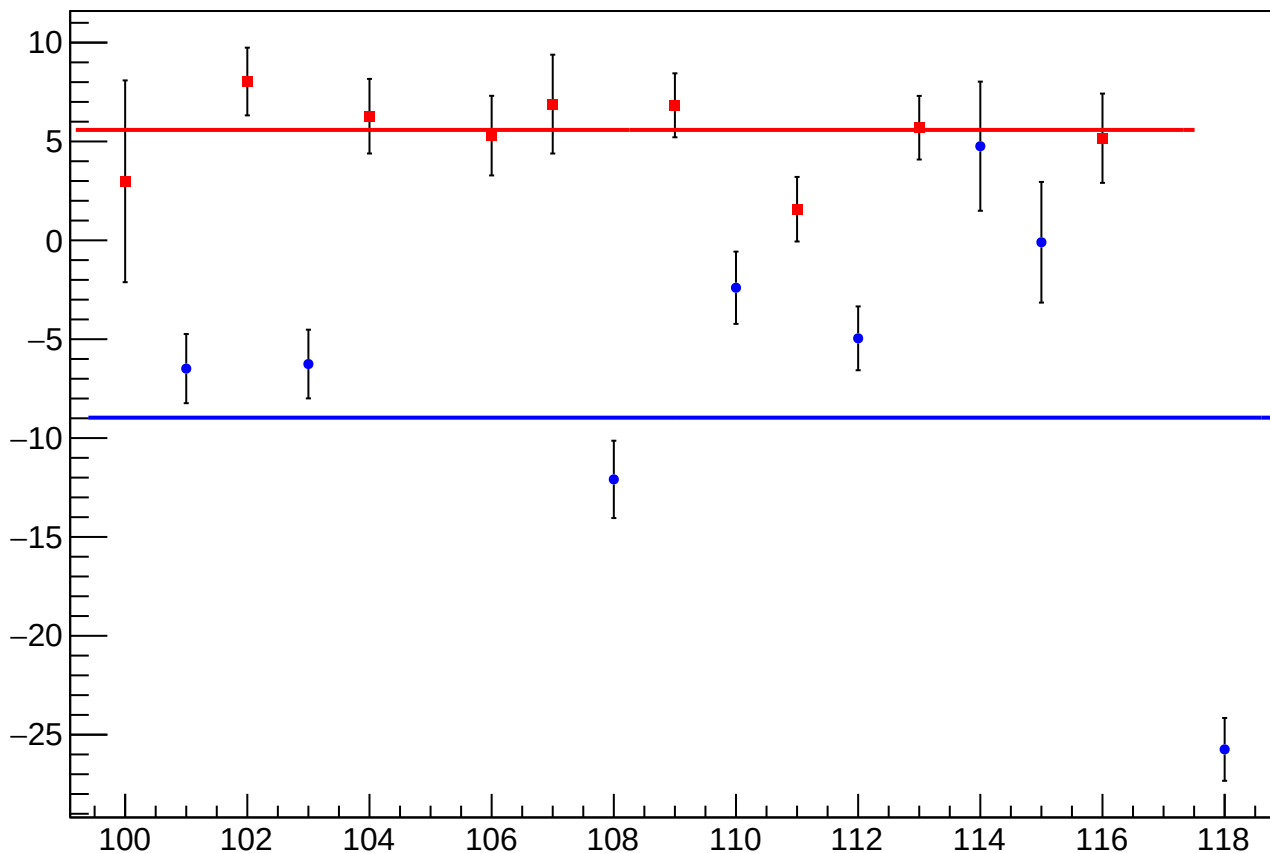
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7562.535+/-2.076 χ^2/NDF : 402824.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_mean vs Slug



Right In: -8.968 $\pm$ 0.674 χ^2 /NDF: 163.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.584 $\pm$ 0.645 χ^2 /NDF: 9.4/8

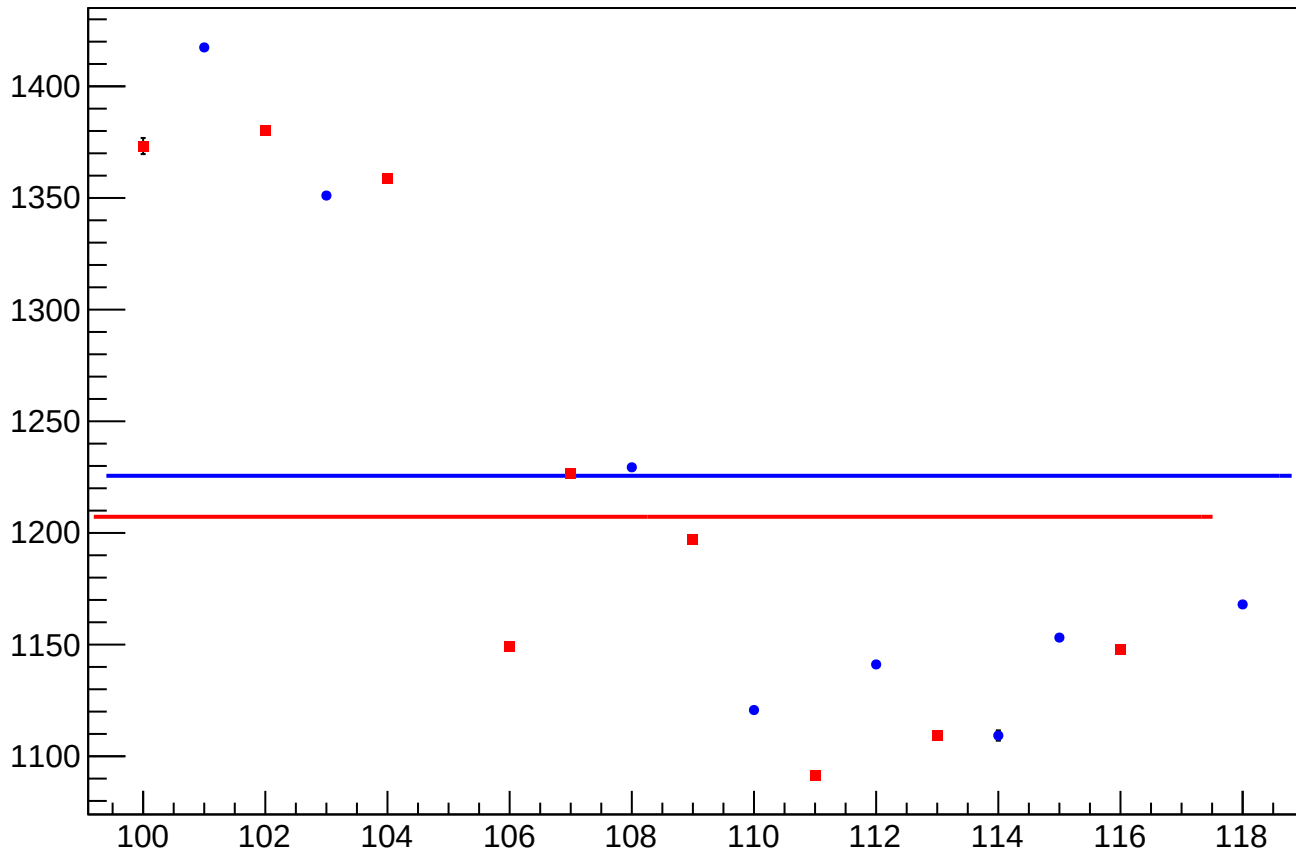
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.366 $\pm$ 0.466 χ^2 /NDF: 416.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1225.596 $\pm$ 0.477 χ^2 /NDF: 52890.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1207.239 $\pm$ 0.456 χ^2 /NDF: 56141.0/8

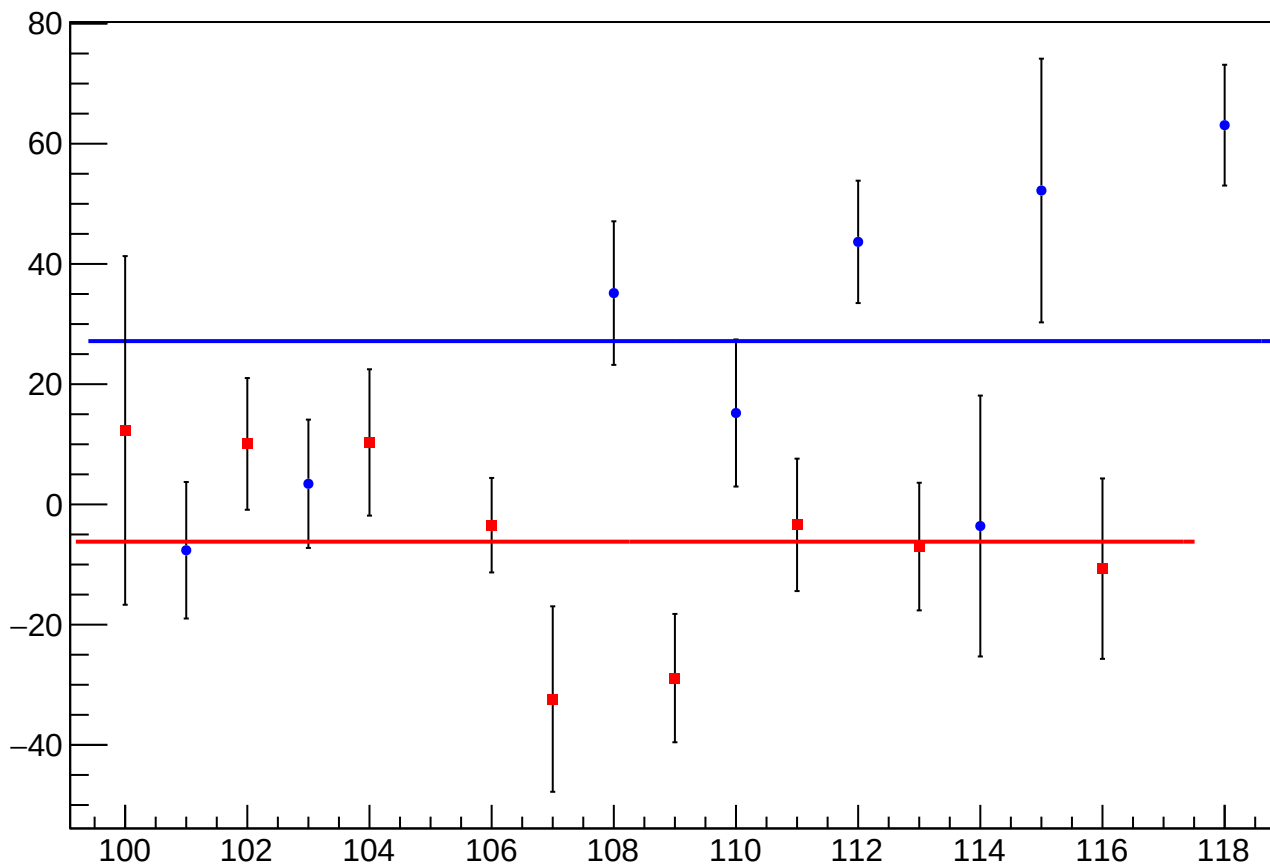
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1216.006 $\pm$ 0.329 χ^2 /NDF: 109806.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 27.164 $\pm$ 4.304 χ^2 /NDF: 34.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.197 $\pm$ 3.863 χ^2 /NDF: 12.1/8

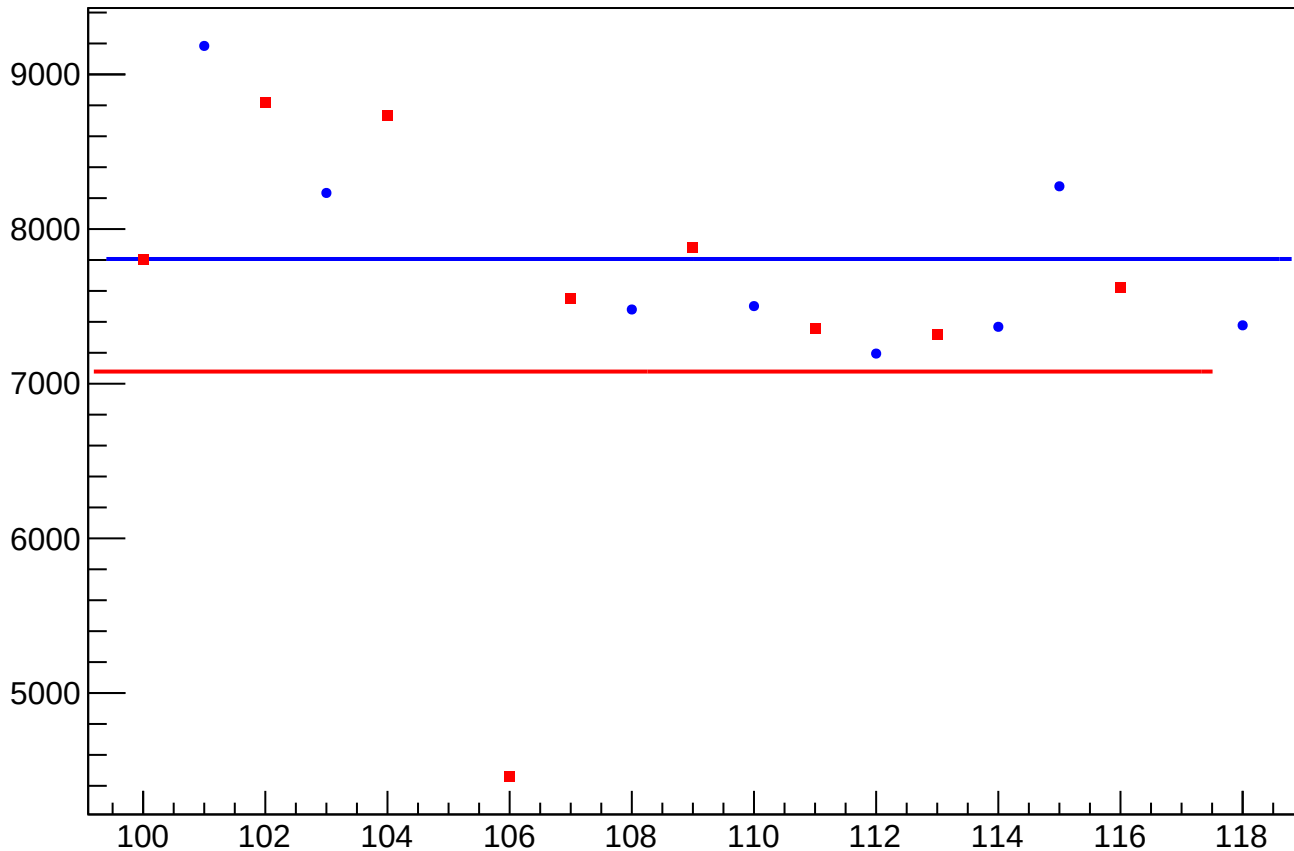
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.690 $\pm$ 2.875 χ^2 /NDF: 79.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 7806.481 $\pm$ 3.043 χ^2 /NDF: 47975.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7078.642 $\pm$ 2.732 χ^2 /NDF: 329289.4/8

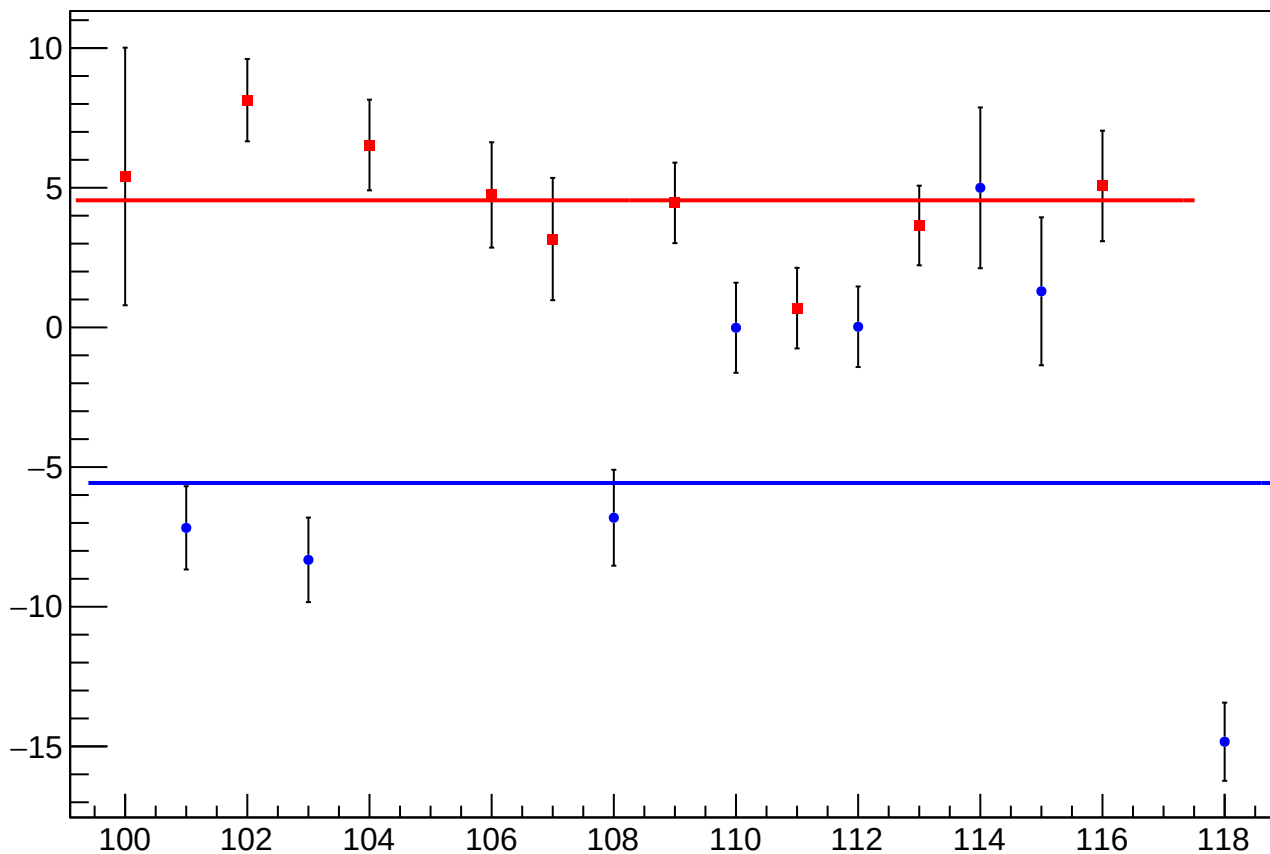
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7403.426 $\pm$ 2.033 χ^2 /NDF: 408941.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -5.569 $\pm$ 0.591 χ^2 /NDF: 95.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.550 $\pm$ 0.569 χ^2 /NDF: 15.5/8

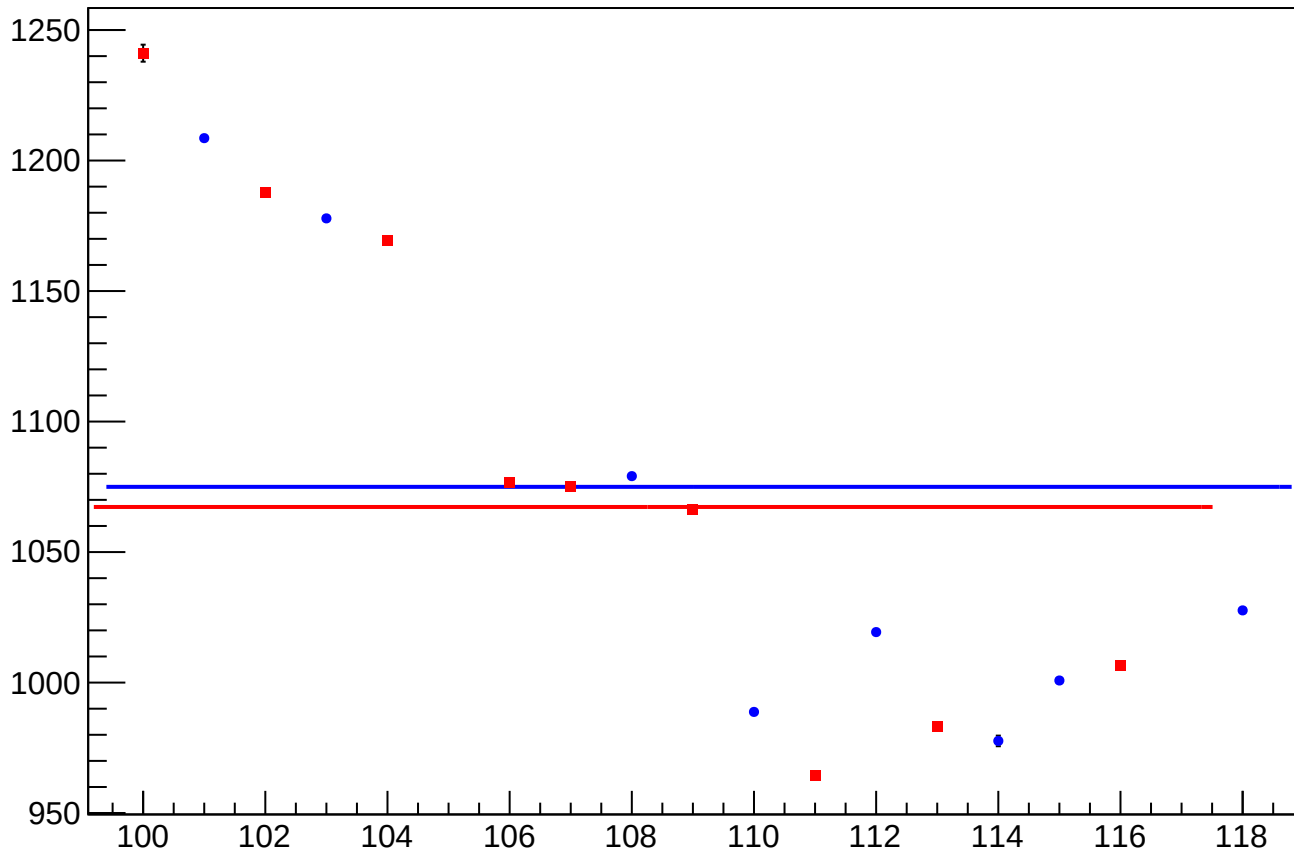
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.322 $\pm$ 0.410 χ^2 /NDF: 263.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 1074.987 $\pm$ 0.418 χ^2 /NDF: 40154.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1067.279 $\pm$ 0.403 χ^2 /NDF: 43149.9/8

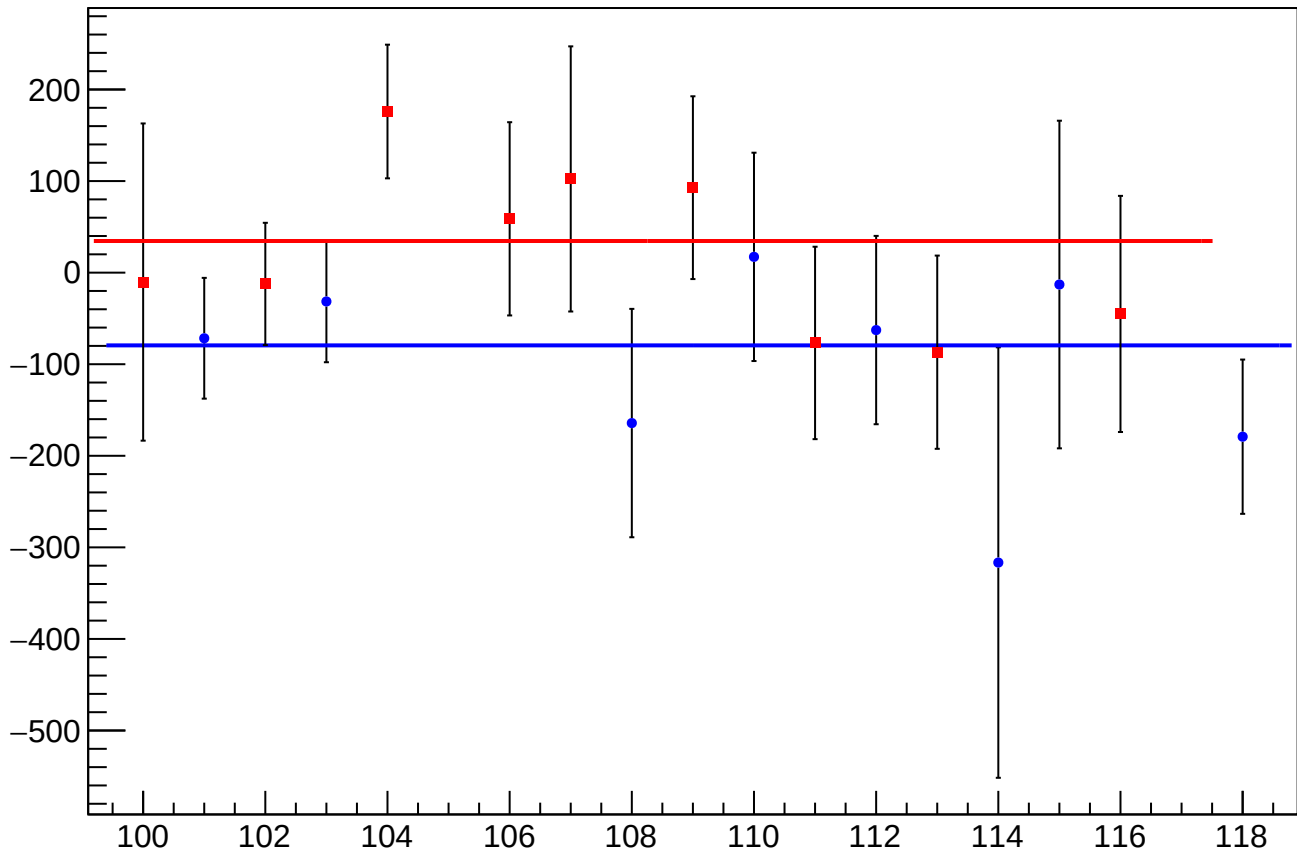
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1070.990 $\pm$ 0.290 χ^2 /NDF: 83481.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



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: 34.549 ± 32.899 χ^2/NDF : 7.8/8

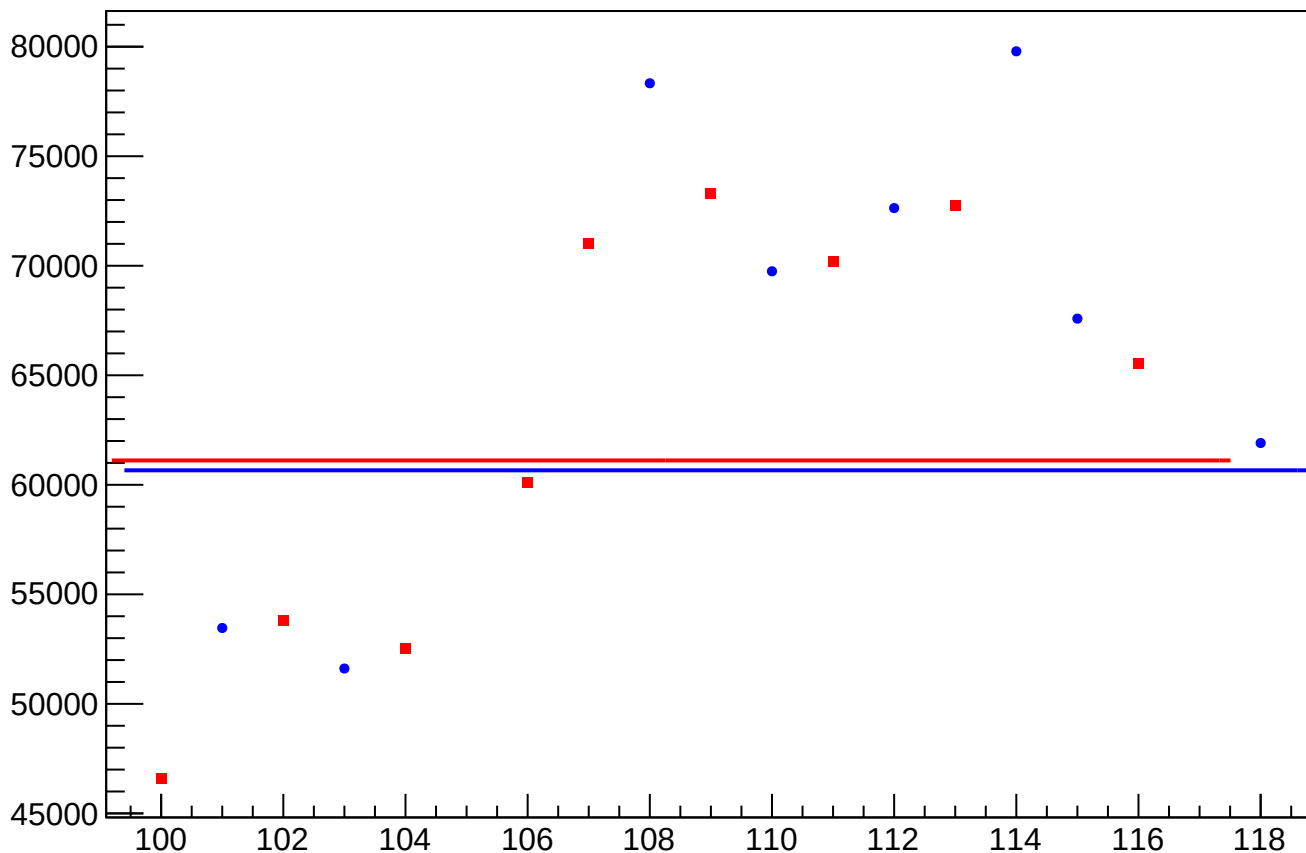
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.165 ± 23.522 χ^2/NDF : 17.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 60661.114+/-23.790 χ^2/NDF : 157690.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

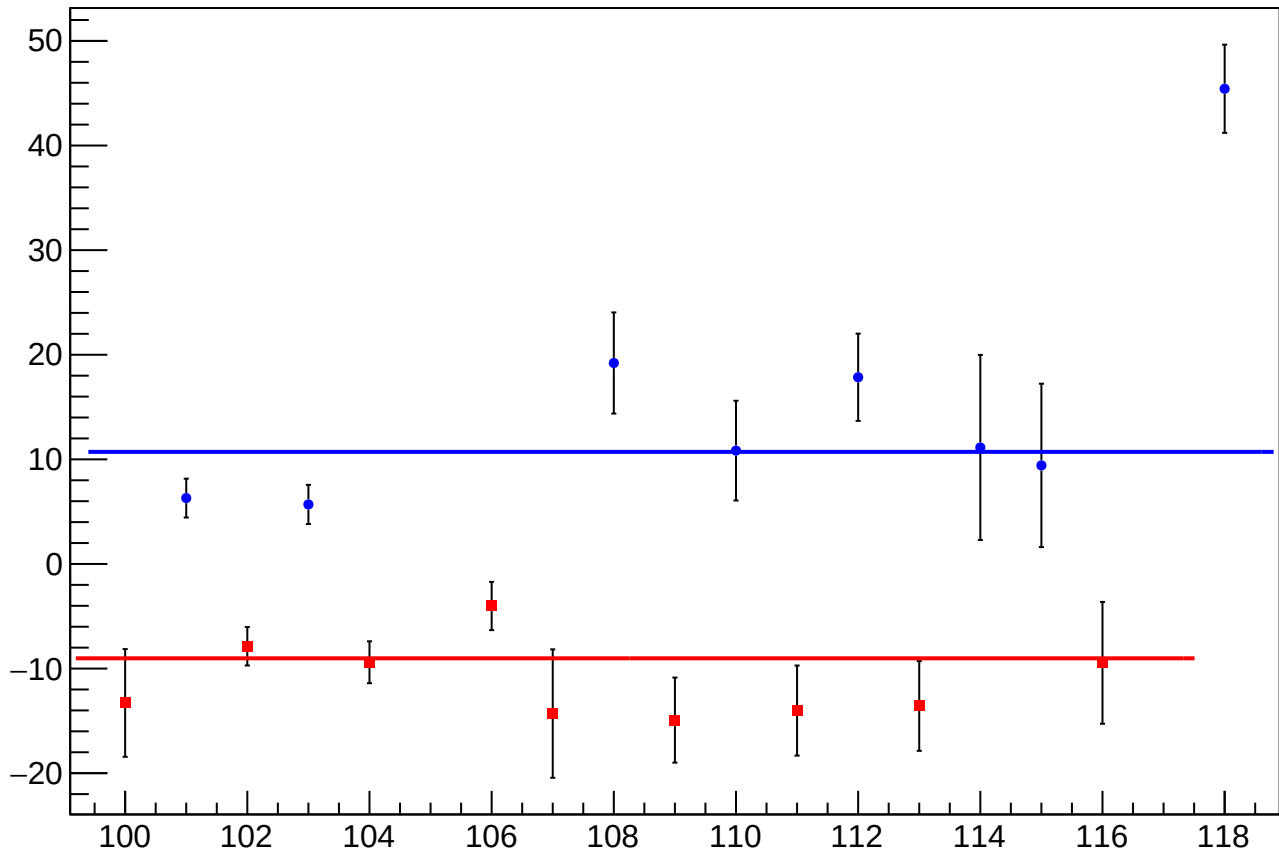
Right Out: 61111.450+/-23.263 χ^2/NDF : 146934.4/8

All: 60891.325+/-16.633 χ^2/NDF : 304808.0/15

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 10.716 $\pm$ 1.114 χ^2 /NDF: 86.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.019 $\pm$ 1.002 χ^2 /NDF: 11.2/8

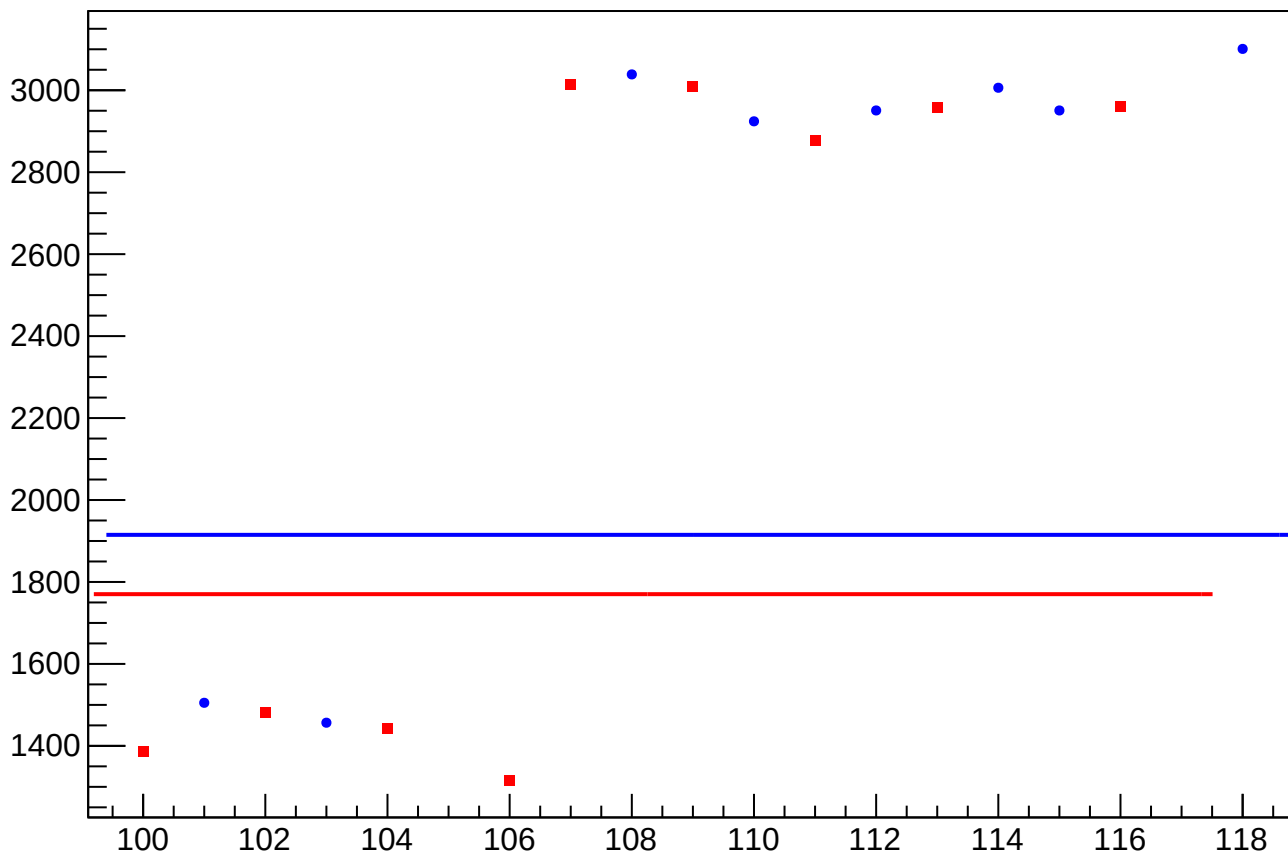
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.198 $\pm$ 0.745 χ^2 /NDF: 271.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_rms vs Slug



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: 1770.235+/-0.708 χ^2/NDF : 829051.2/8

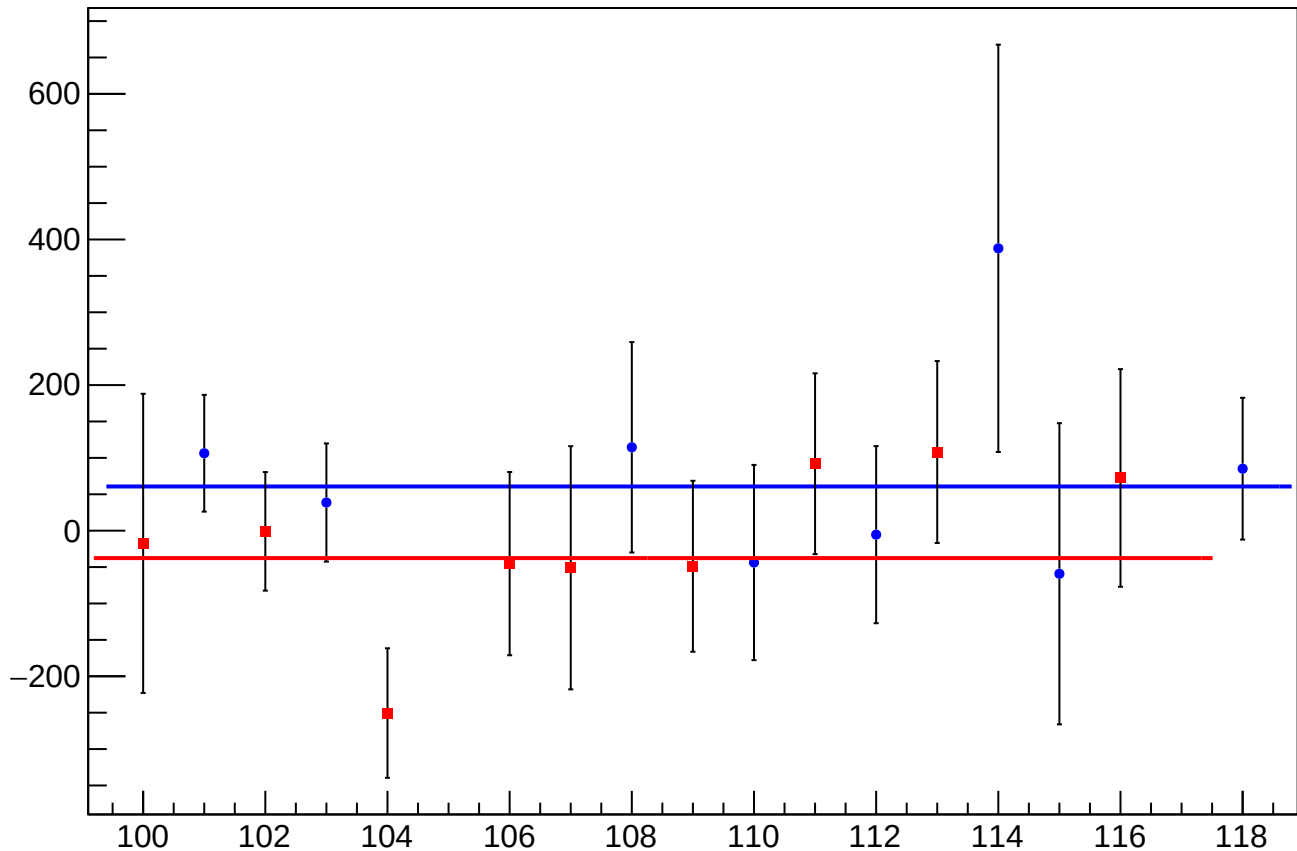
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1834.932+/-0.527 χ^2/NDF : 1609979.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 60.717+/-40.166 χ^2/NDF : 3.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.660+/-39.350 χ^2/NDF : 8.9/8

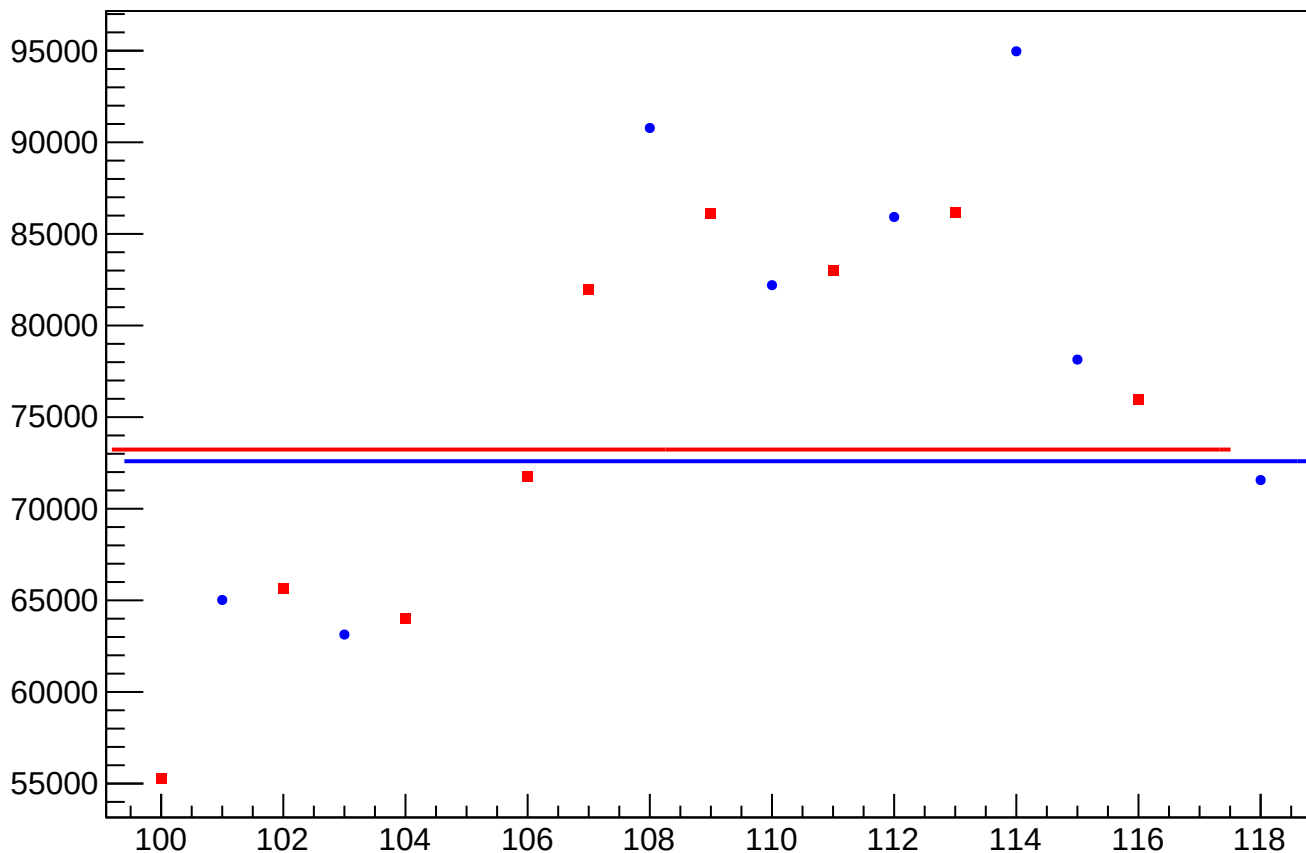
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.519+/-28.108 χ^2/NDF : 15.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 72593.771 $\pm$ 28.401 χ^2 /NDF: 125386.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

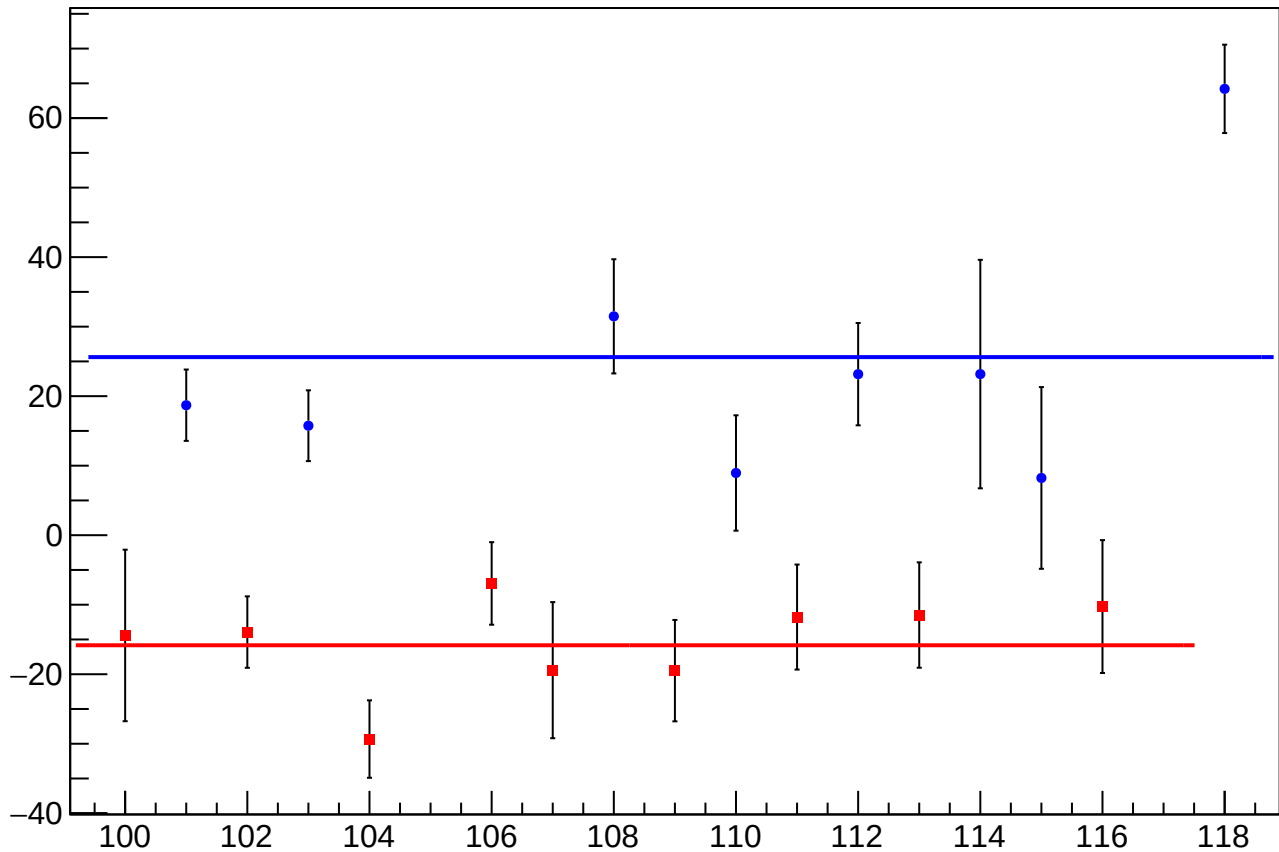
Right Out: 73231.179 $\pm$ 27.824 χ^2 /NDF: 118541.7/8

All: 72919.016 $\pm$ 19.876 χ^2 /NDF: 244185.4/15

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_mean vs Slug



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: -15.833 $\pm$ 2.356 χ^2 /NDF: 9.6/8

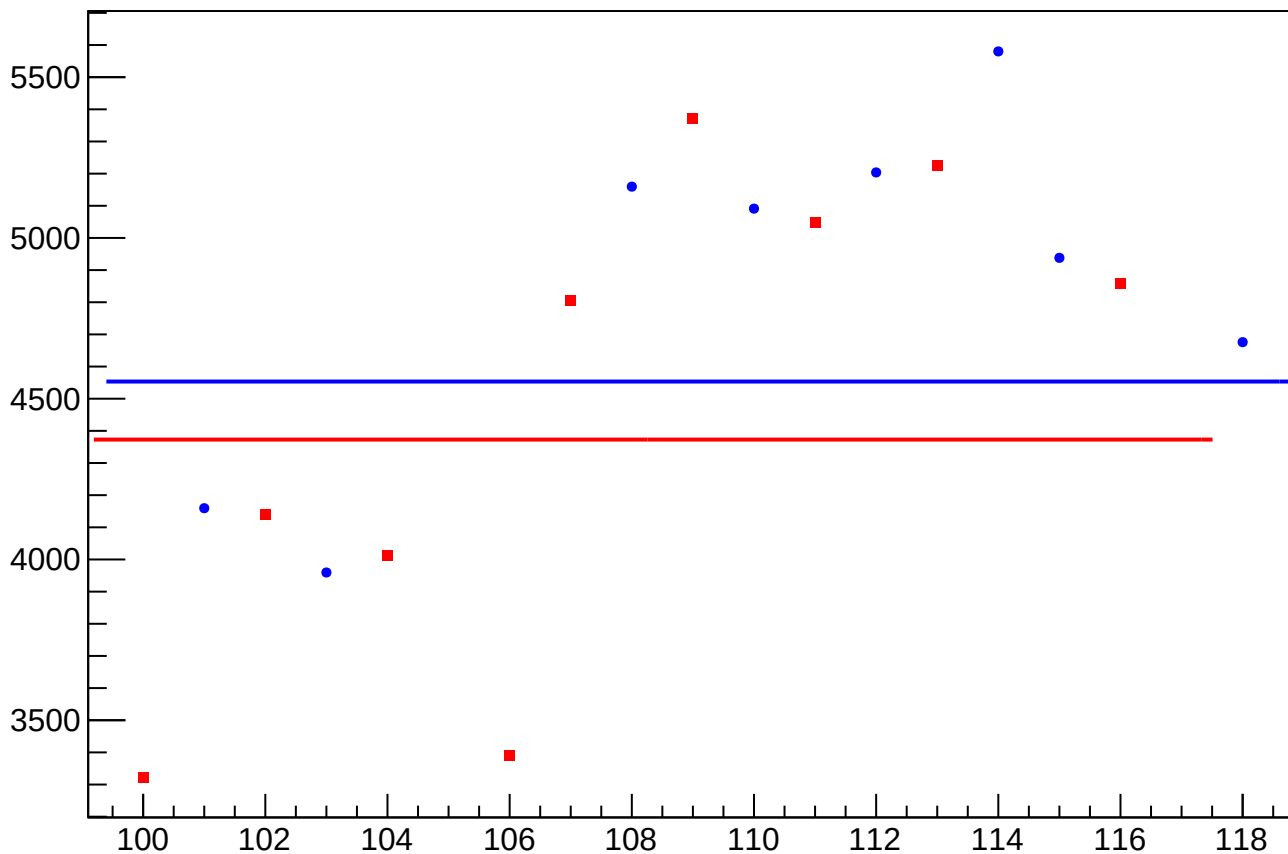
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.578 $\pm$ 1.718 χ^2 /NDF: 203.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4553.407+/-1.775 χ^2/NDF : 84182.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

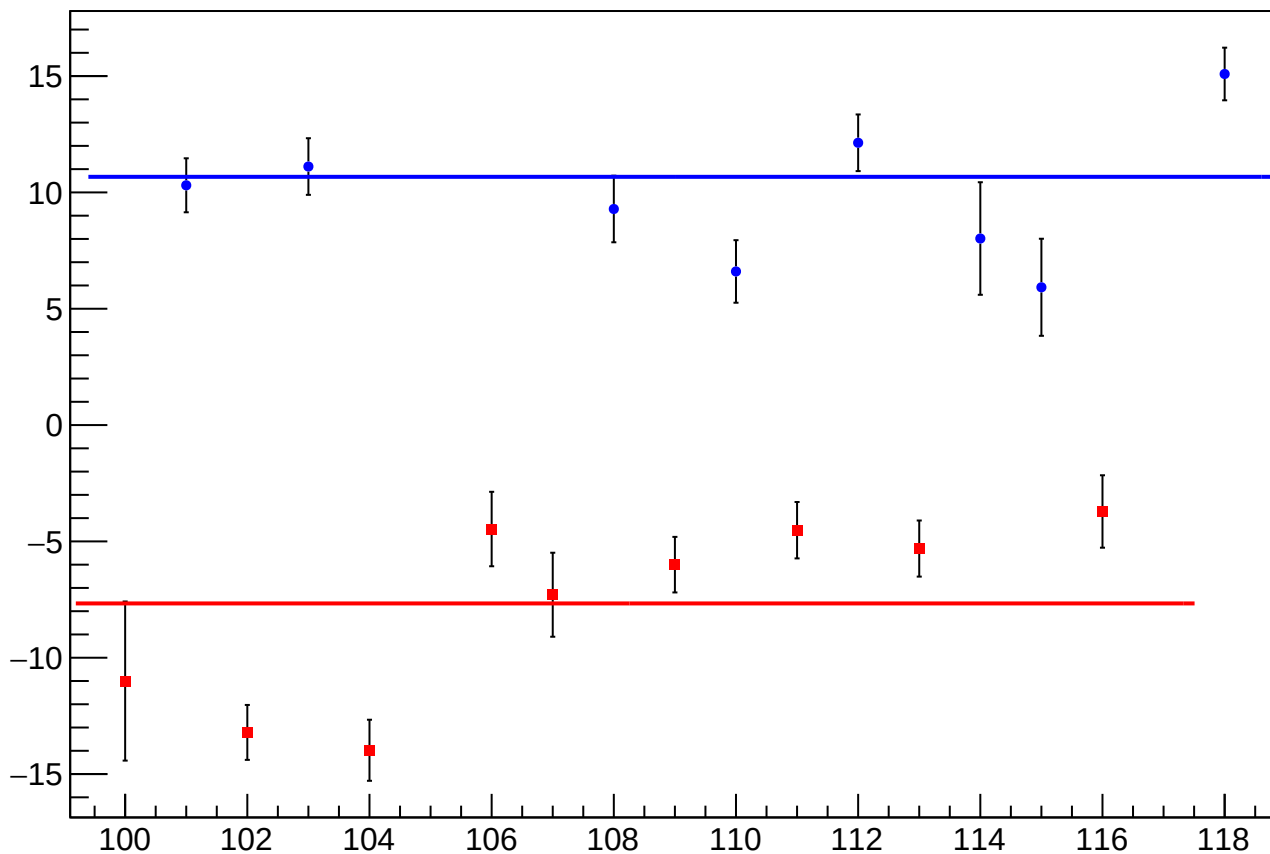
Right Out: 4372.916+/-1.666 χ^2/NDF : 169916.9/8

All: 4457.436+/-1.215 χ^2/NDF : 259596.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



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: -7.666 $\pm$ 0.468 χ^2 /NDF: 69.1/8

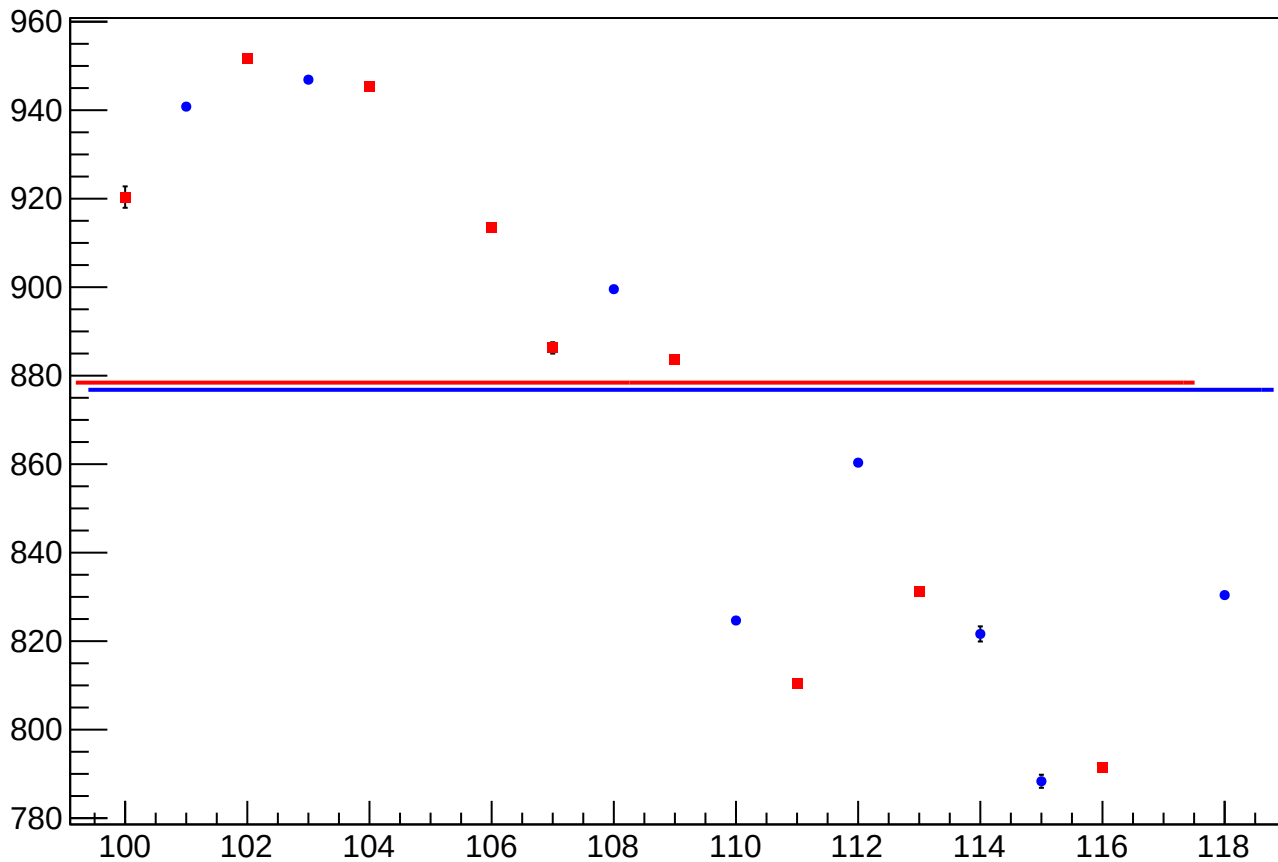
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.247 $\pm$ 0.336 χ^2 /NDF: 848.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01X_rms vs Slug



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: 878.429 $\pm$ 0.331 χ^2 /NDF: 29866.5/8

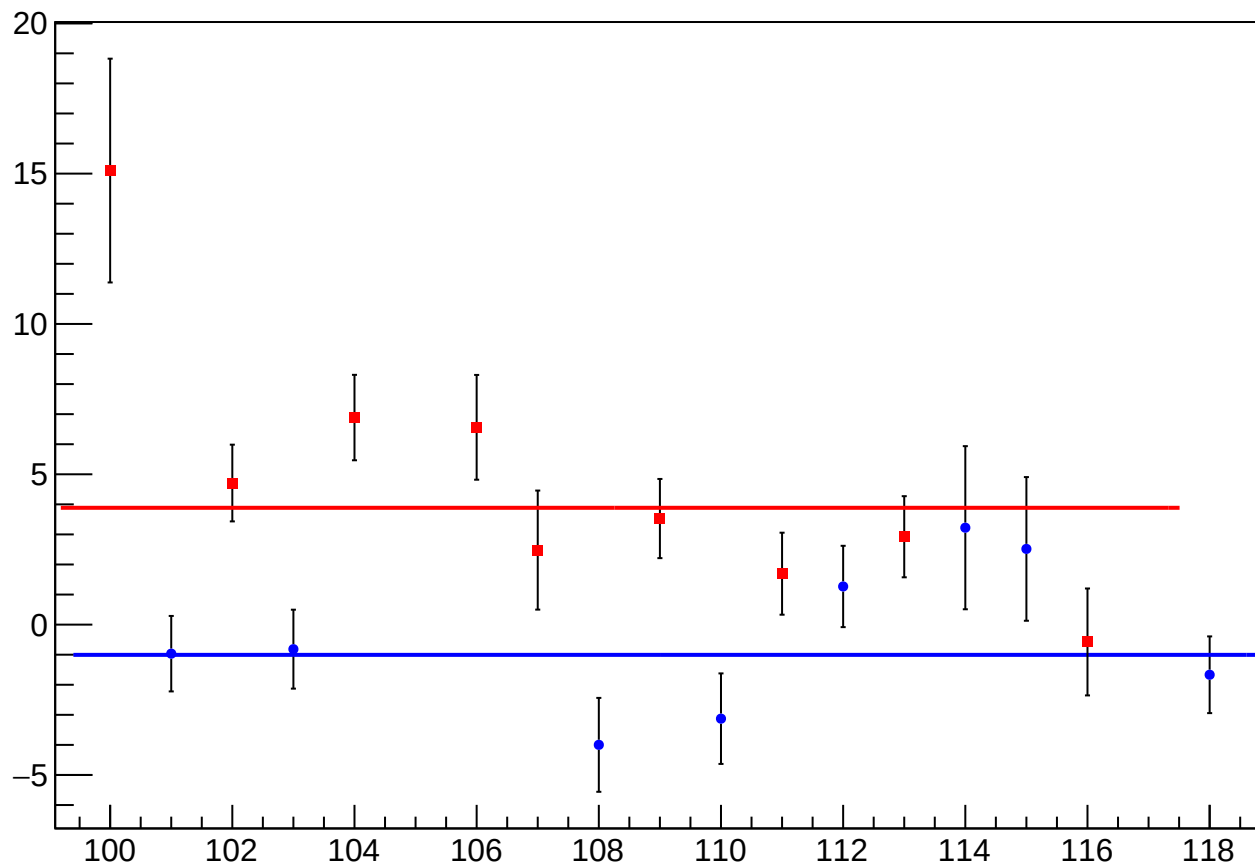
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 877.641 $\pm$ 0.237 χ^2 /NDF: 54480.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -1.006 ± 0.532 χ^2/NDF : 13.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.886 ± 0.517 χ^2/NDF : 26.3/8

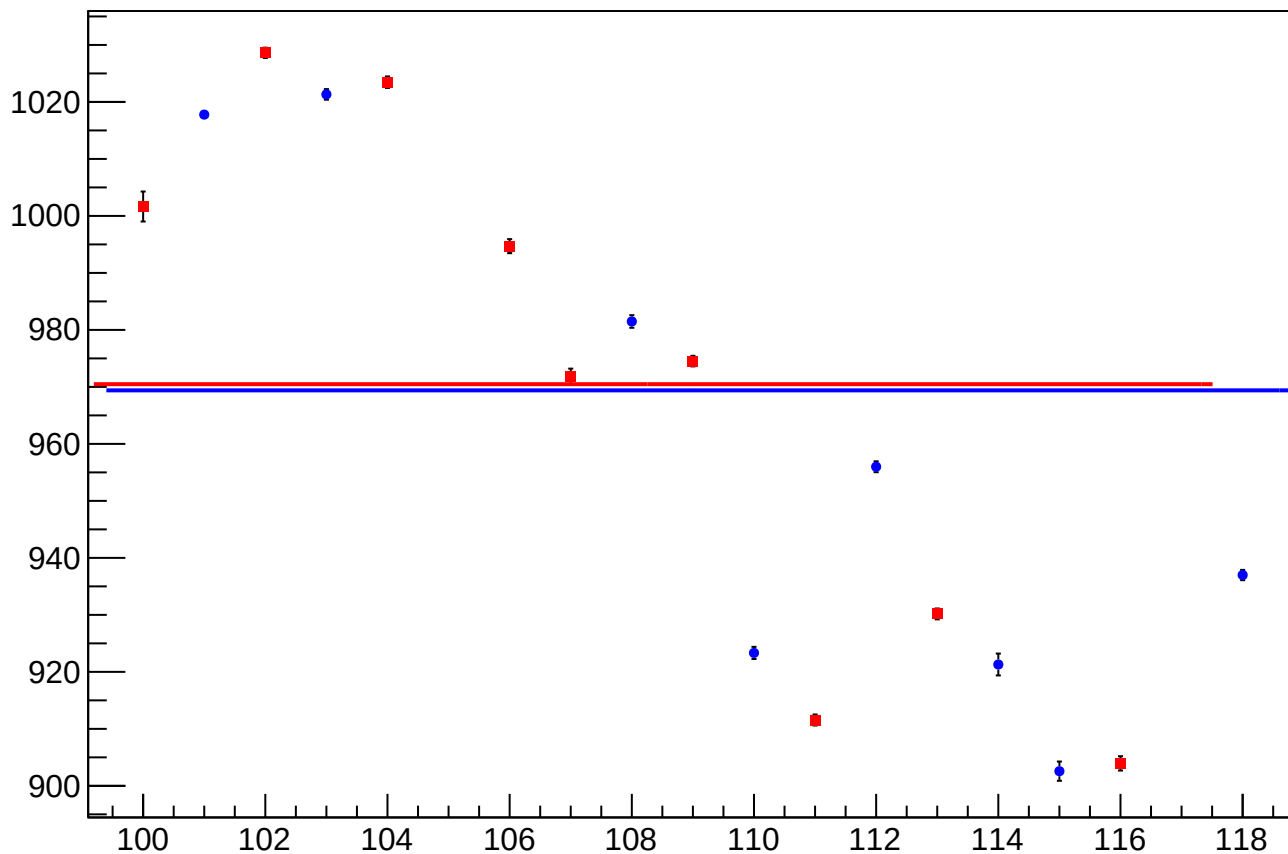
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.510 ± 0.370 χ^2/NDF : 83.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_rms vs Slug



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: 970.476 $\pm$ 0.365 χ^2 /NDF: 15800.7/8

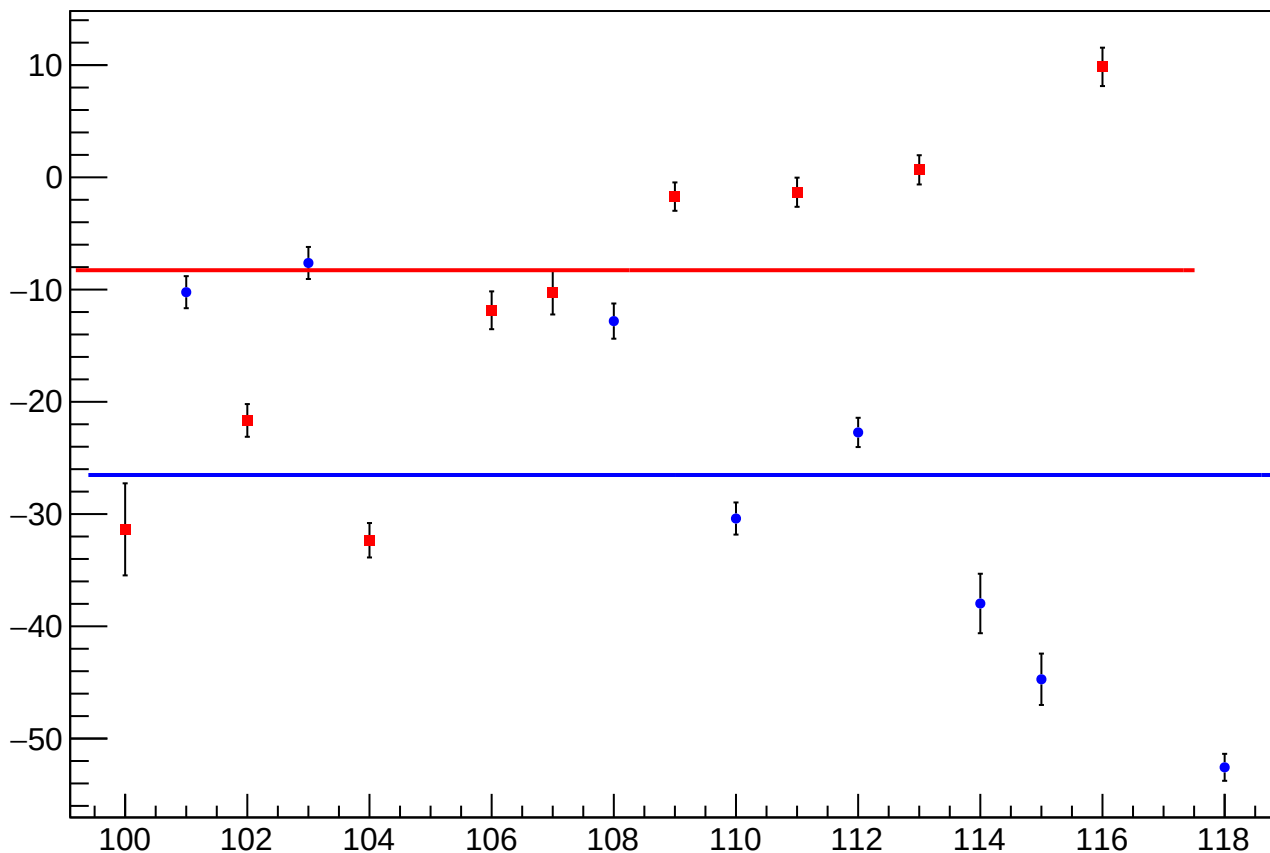
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.950 $\pm$ 0.262 χ^2 /NDF: 27580.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -26.518 $\pm$ 0.535 χ^2 /NDF: 949.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.275 $\pm$ 0.518 χ^2 /NDF: 582.3/8

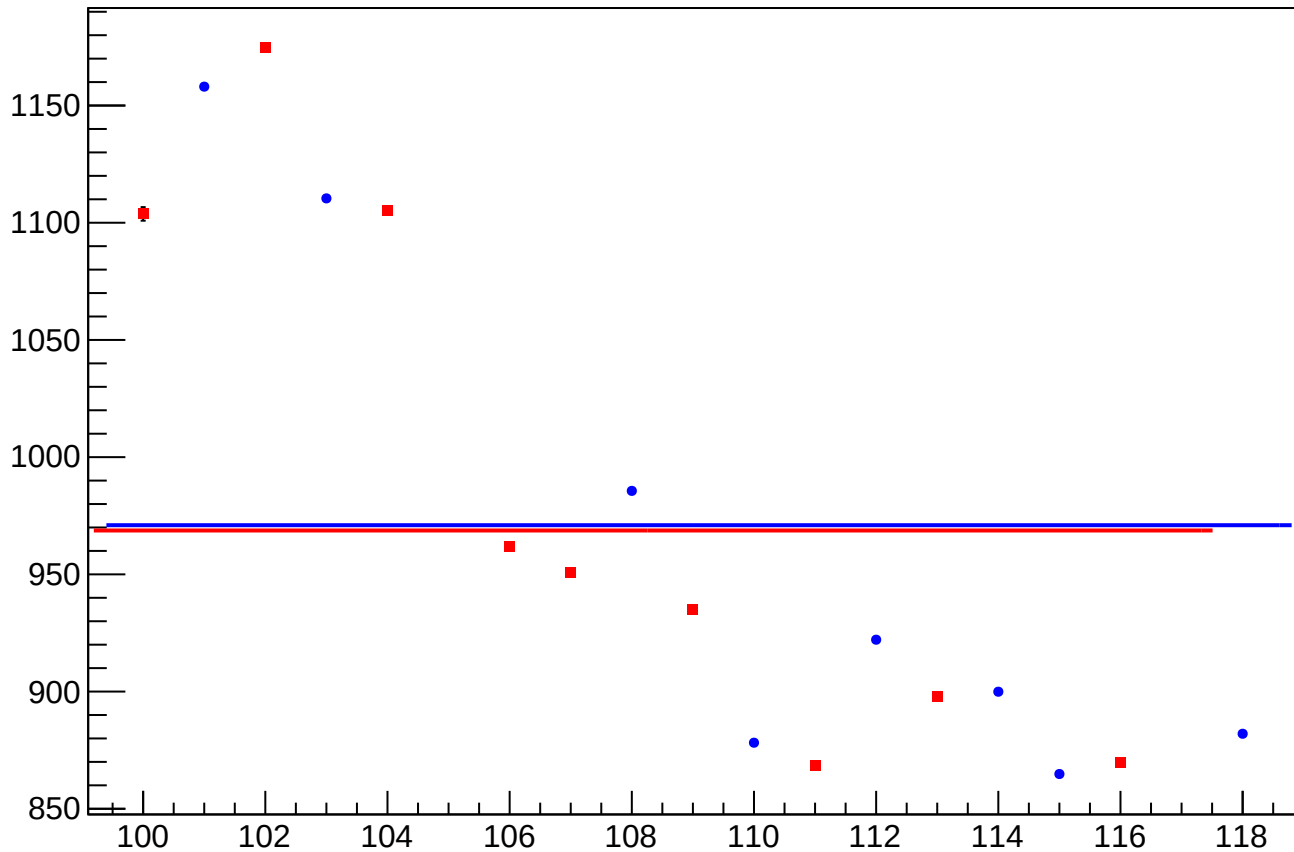
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.101 $\pm$ 0.372 χ^2 /NDF: 2131.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_rms vs Slug



Right In: 970.969 $\pm$ 0.378 χ^2 /NDF: 81486.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 968.716 $\pm$ 0.366 χ^2 /NDF: 84069.7/8

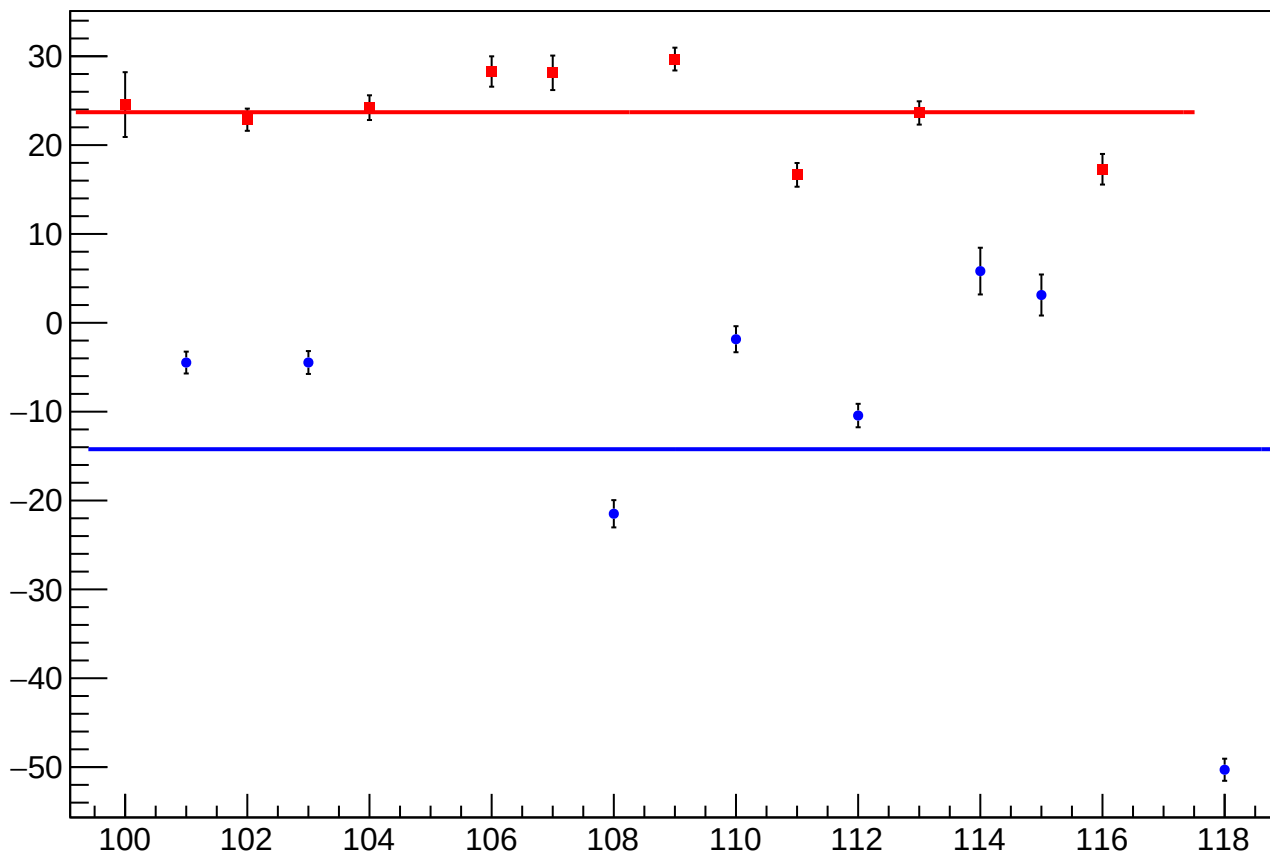
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 969.806 $\pm$ 0.263 χ^2 /NDF: 165574.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -14.224 $\pm$ 0.519 χ^2 /NDF: 1178.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.701 $\pm$ 0.505 χ^2 /NDF: 76.5/8

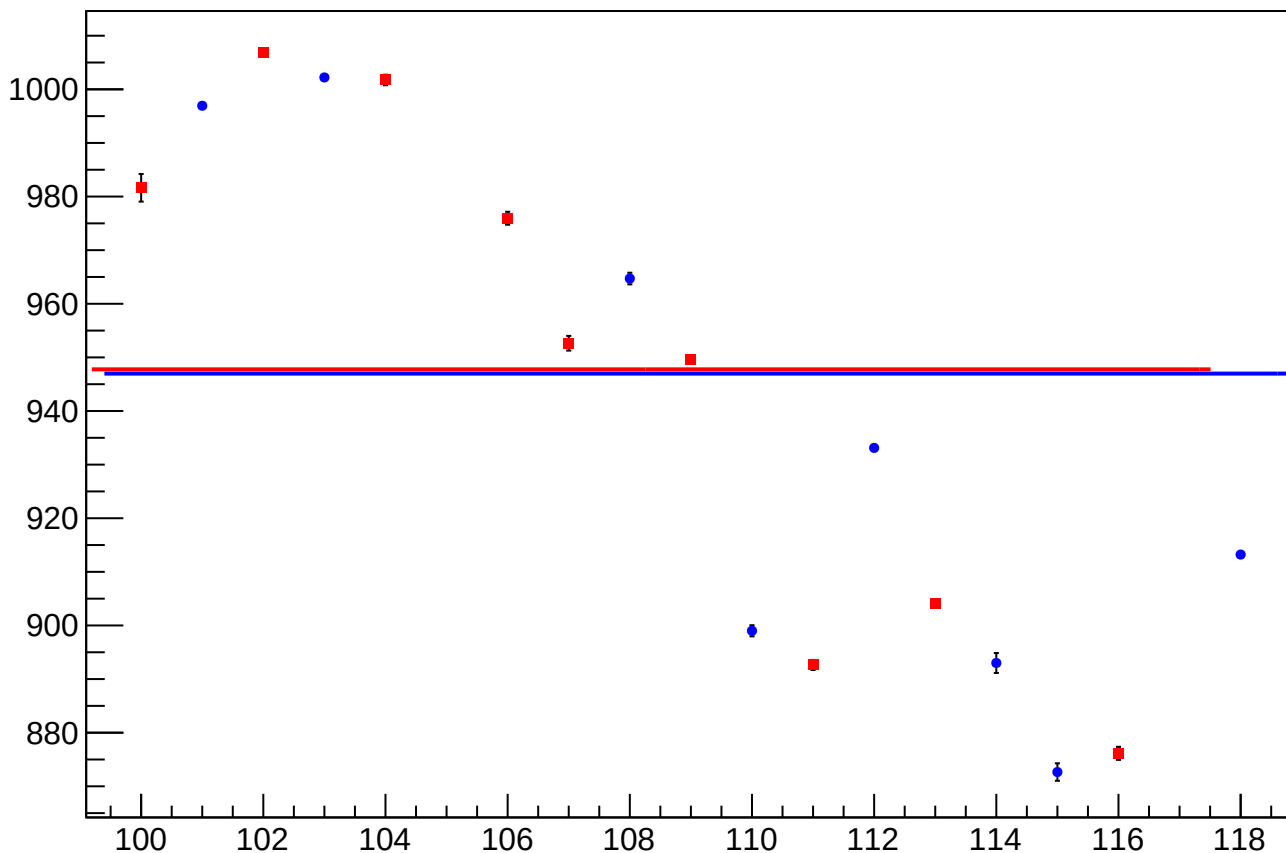
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.285 $\pm$ 0.362 χ^2 /NDF: 3998.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_rms vs Slug



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: 947.771 $\pm$ 0.357 χ^2 /NDF: 17303.8/8

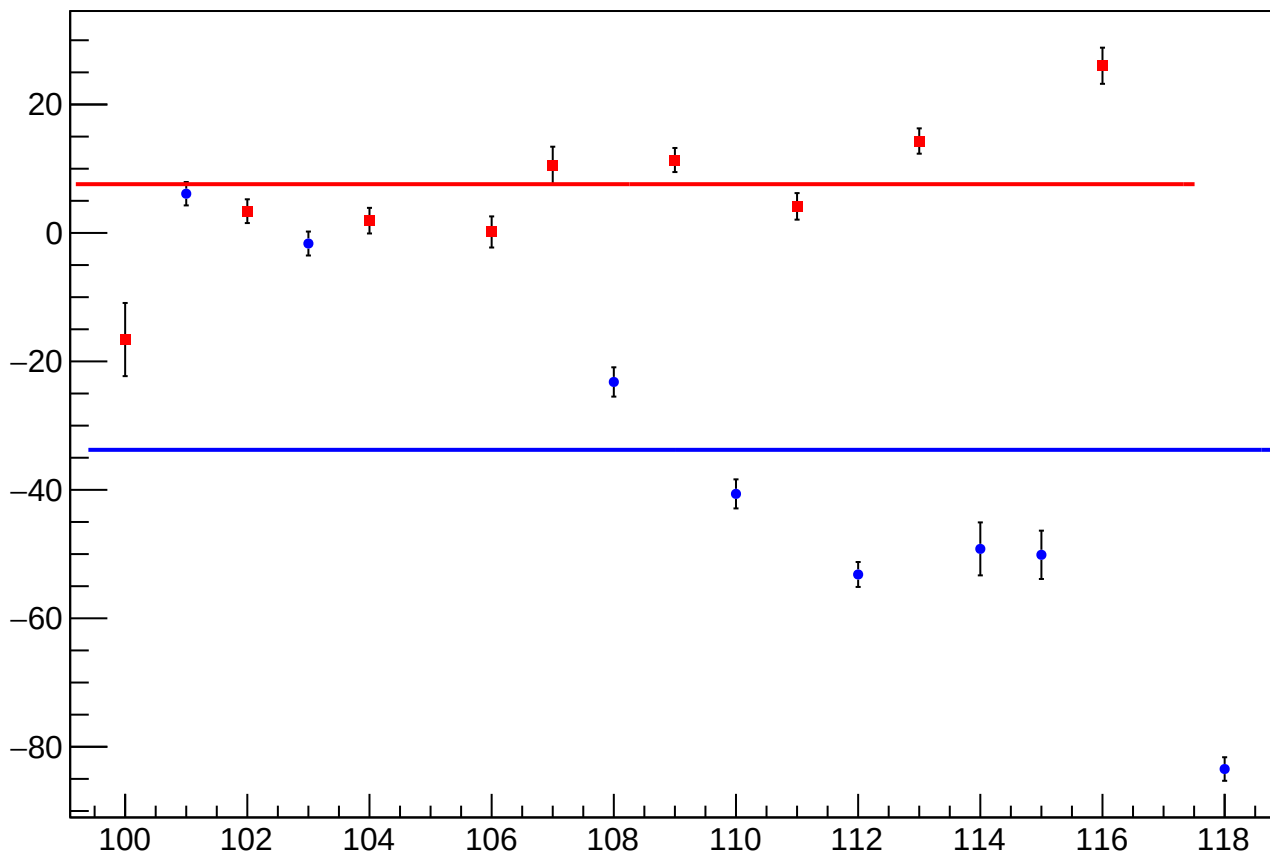
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 947.387 $\pm$ 0.256 χ^2 /NDF: 31306.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



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: 7.592 ± 0.753 χ^2/NDF : 103.1/8

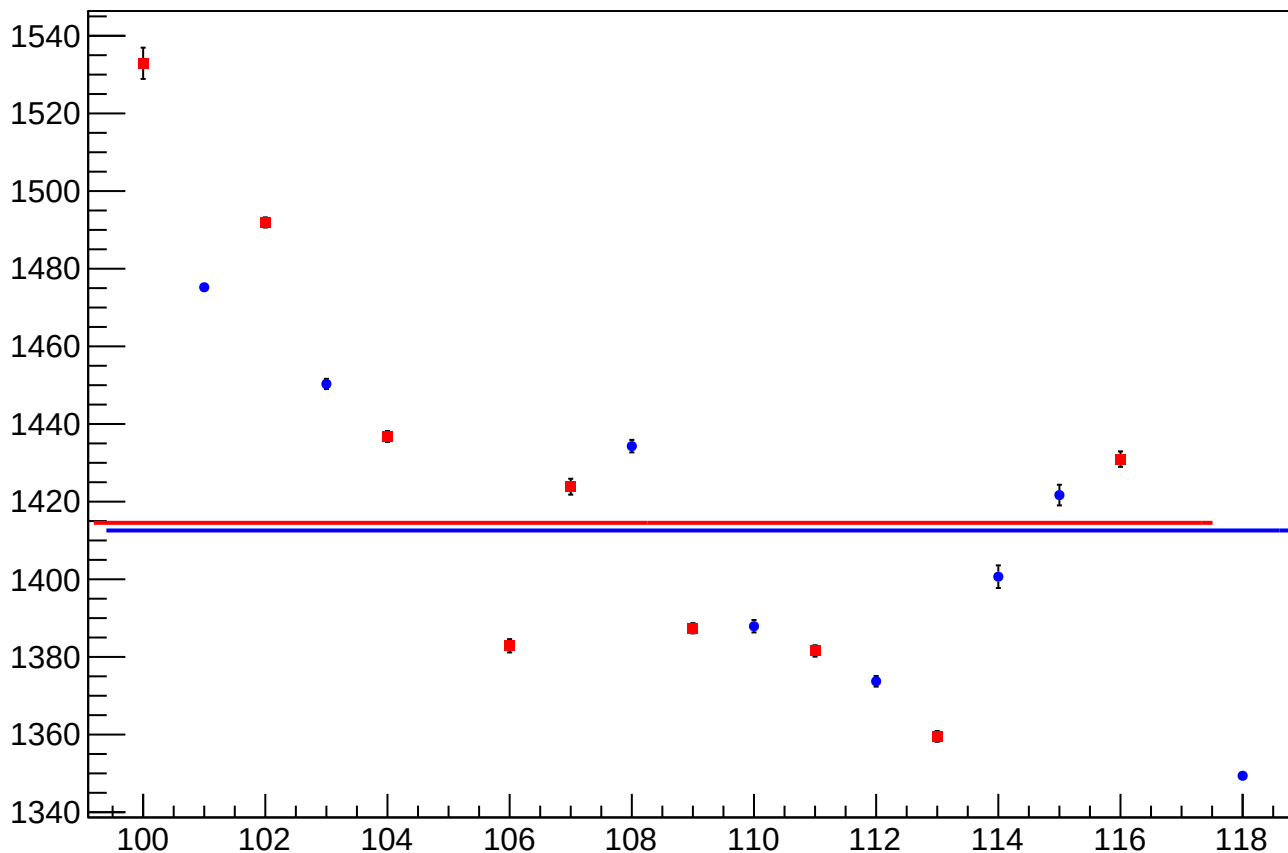
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.508 ± 0.540 χ^2/NDF : 3245.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug



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: 1414.548+/-0.532 χ^2/NDF : 7527.0/8

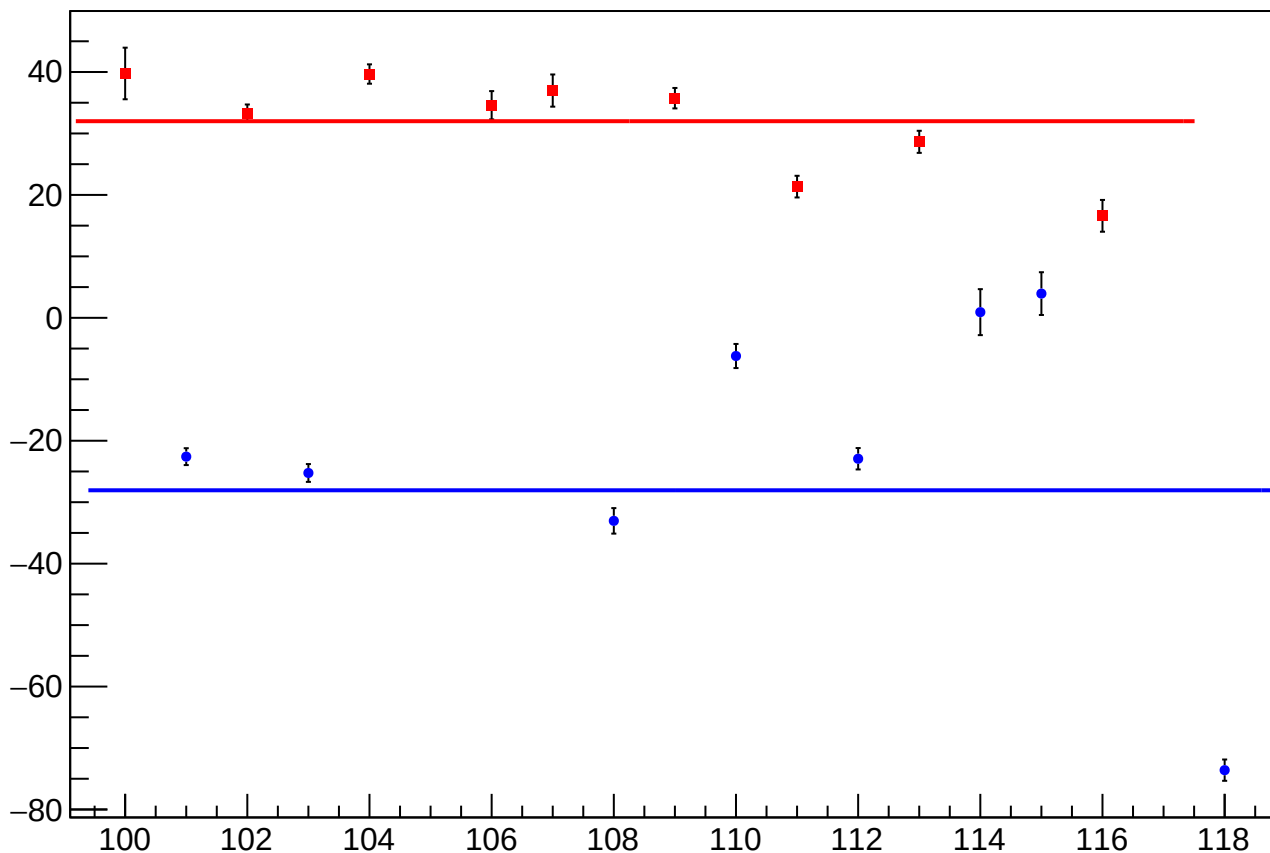
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1413.589+/-0.382 χ^2/NDF : 14346.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -28.062 ± 0.657 $\chi^2/\text{NDF}: 994.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.996 ± 0.640 $\chi^2/\text{NDF}: 113.4/8$

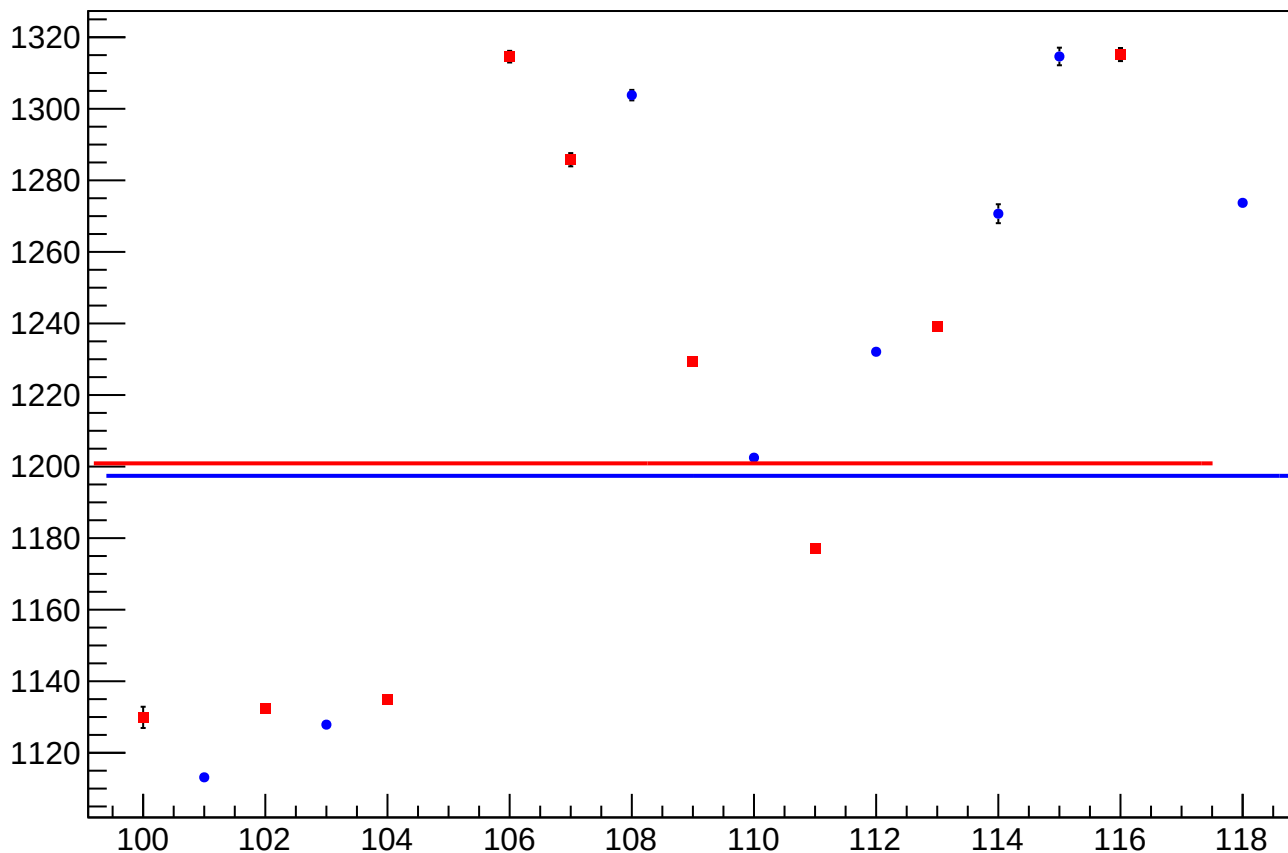
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2.773 ± 0.458 $\chi^2/\text{NDF}: 5395.8/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02Y_rms vs Slug



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: 1200.900+/-0.452 χ^2/NDF : 21597.7/8

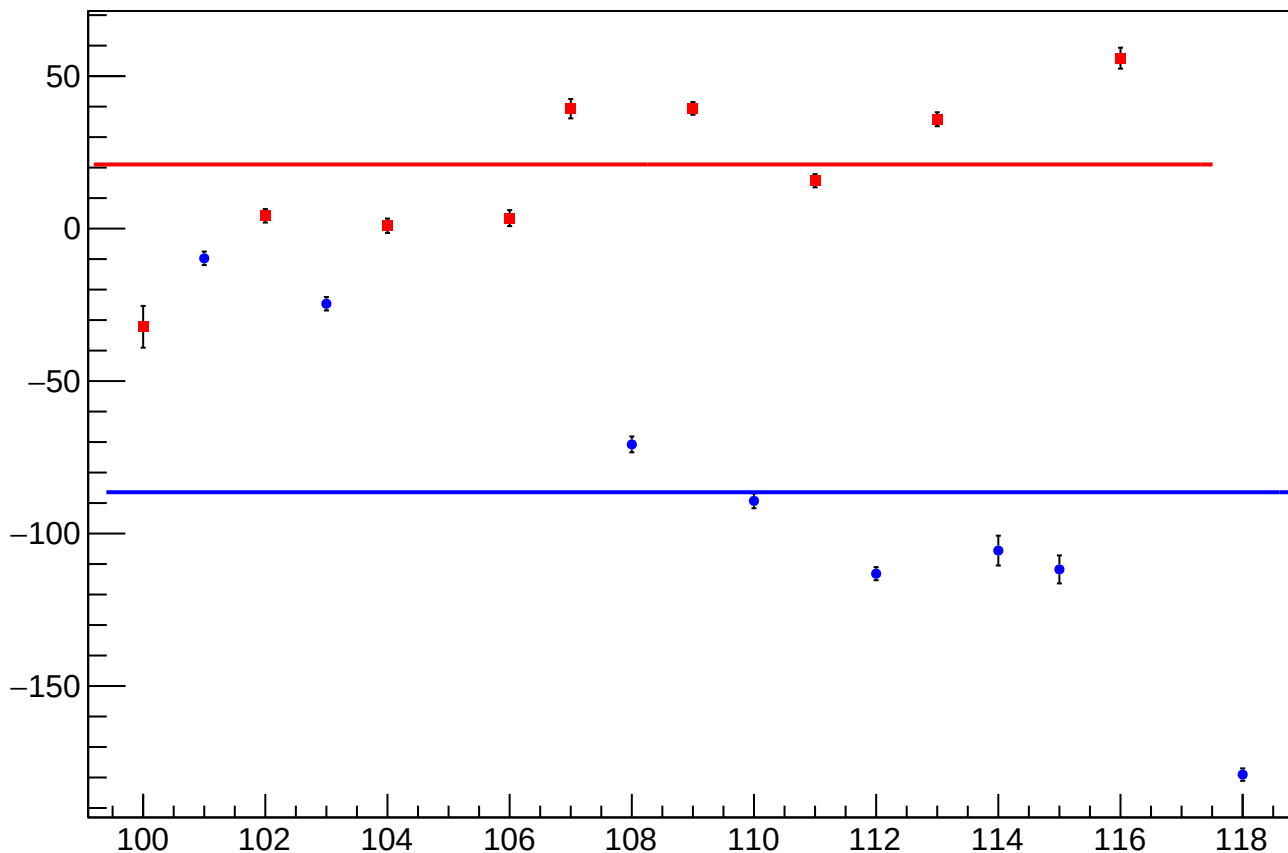
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.203+/-0.324 χ^2/NDF : 46747.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_mean vs Slug



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: 21.031+/-0.856 χ^2/NDF : 496.6/8

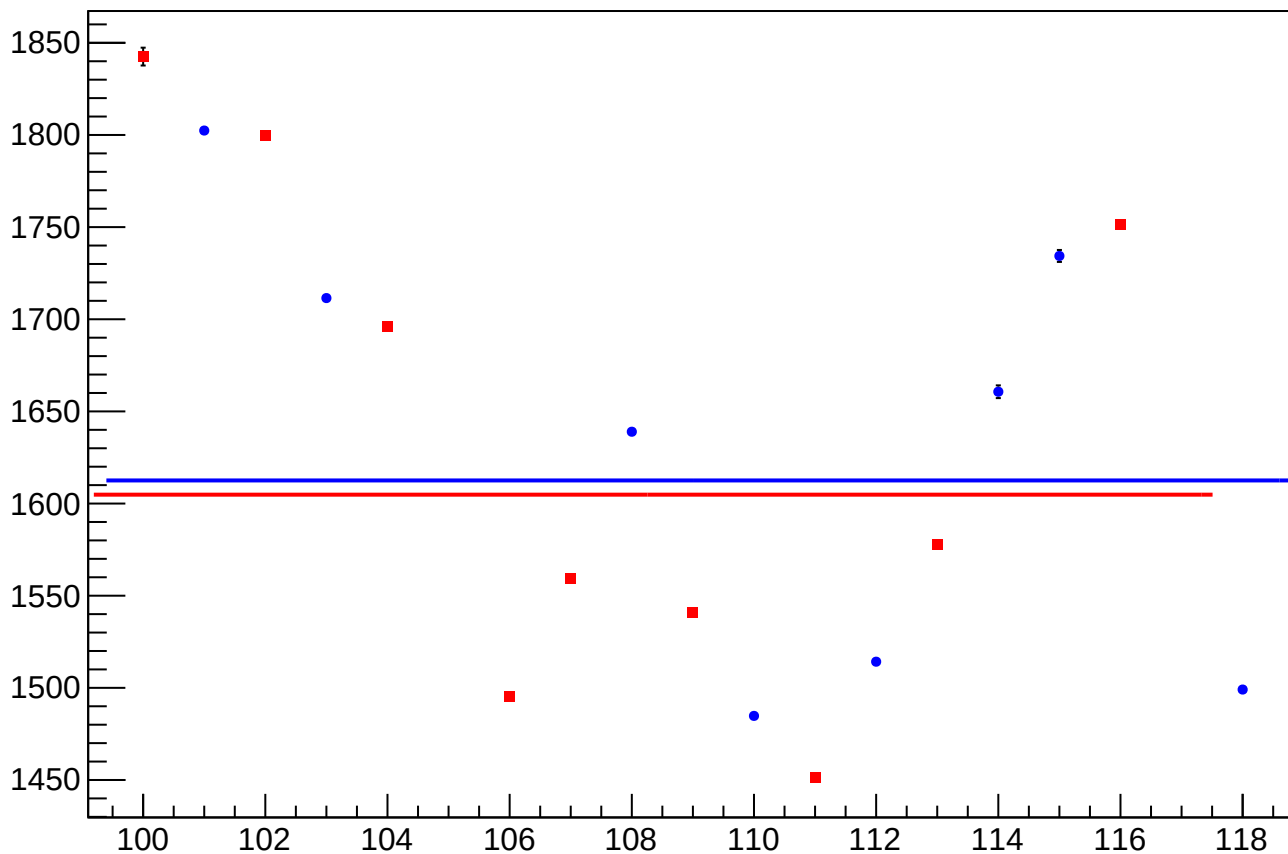
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.864+/-0.616 χ^2/NDF : 12393.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1612.539 $\pm$ 0.626 χ^2 /NDF: 36428.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1604.822 $\pm$ 0.605 χ^2 /NDF: 40414.5/8

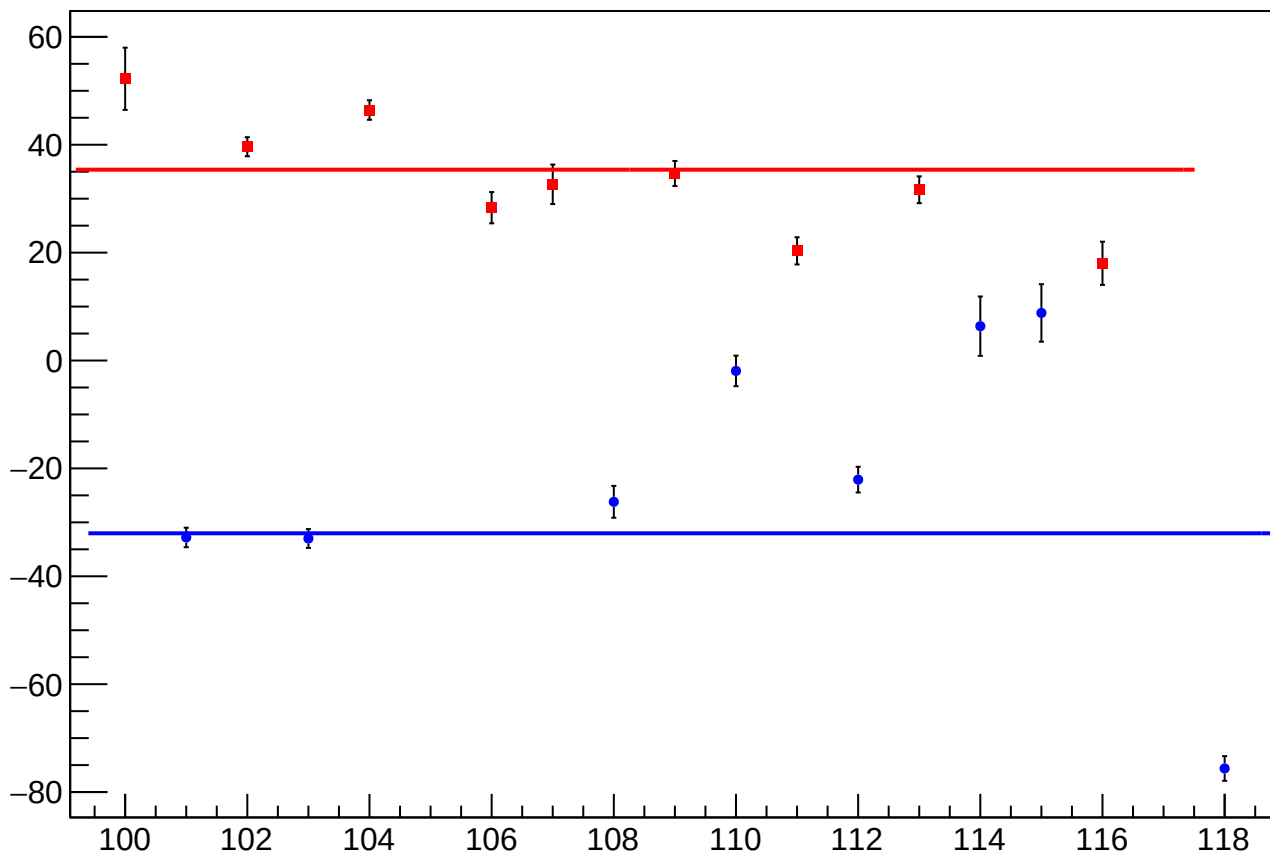
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1608.548 $\pm$ 0.435 χ^2 /NDF: 76921.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aY_mean vs Slug



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: 35.377 ± 0.840 χ^2/NDF : 114.8/8

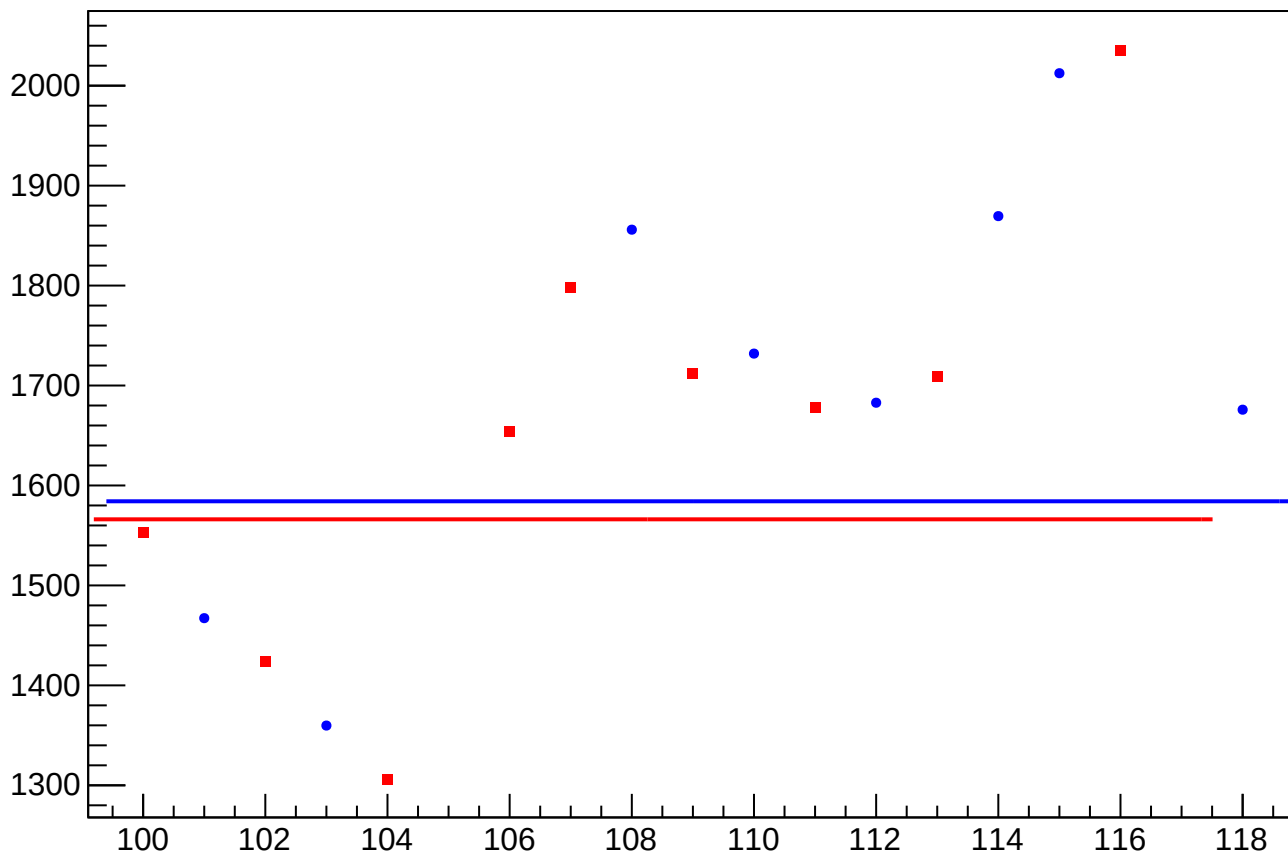
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.010 ± 0.606 χ^2/NDF : 3810.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_rms vs Slug



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: 1566.127+/-0.594 χ^2/NDF : 109914.6/8

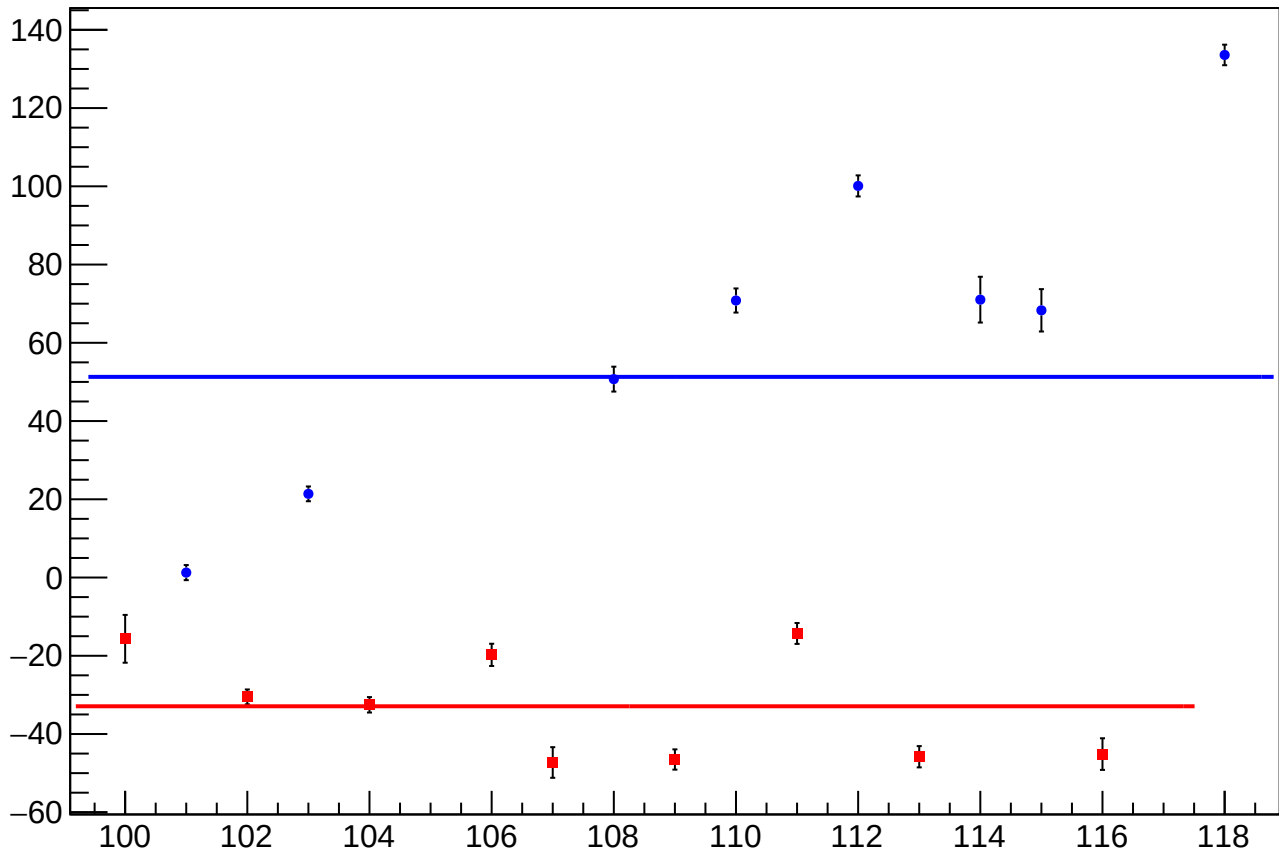
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1574.793+/-0.428 χ^2/NDF : 198936.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_mean vs Slug



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: -32.911+/-0.900 χ^2/NDF : 152.2/8

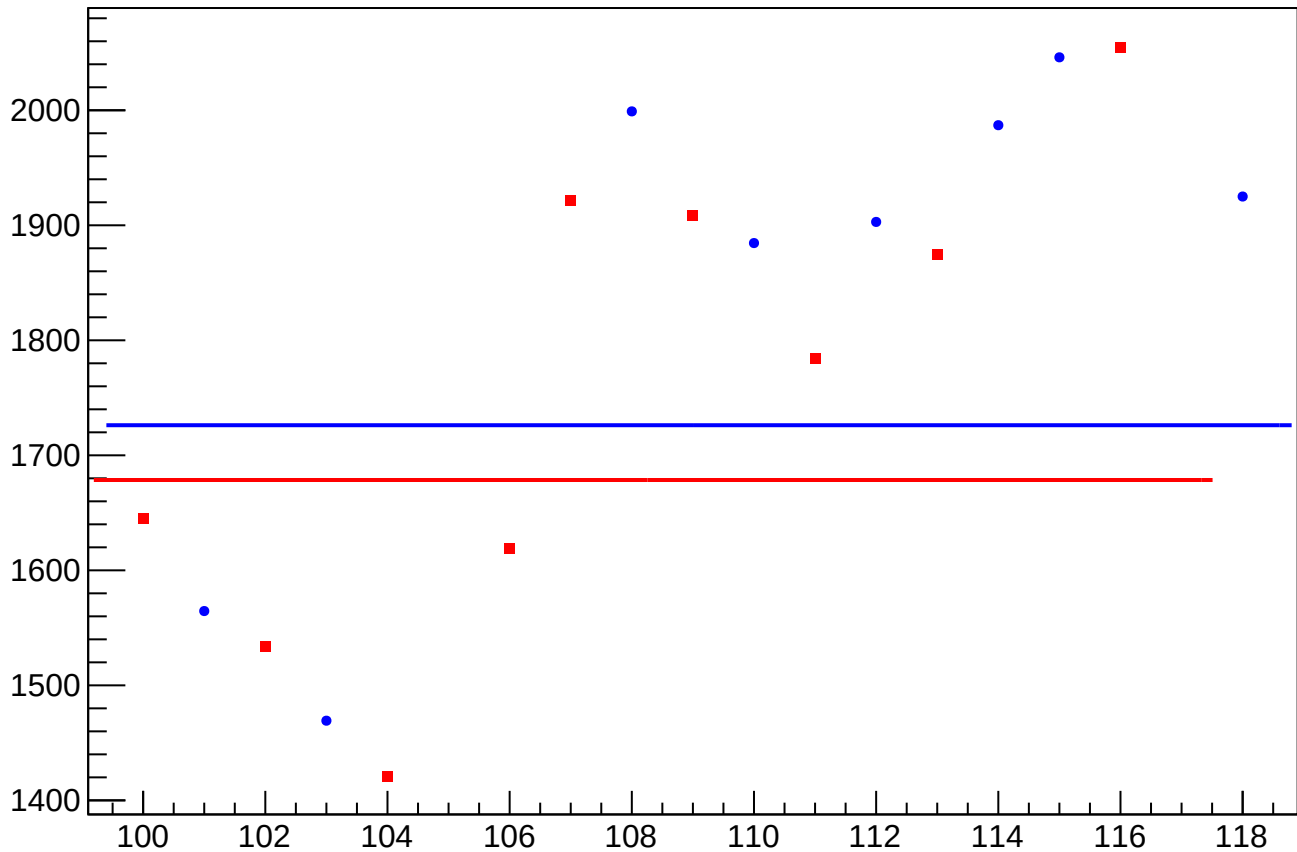
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.732+/-0.655 χ^2/NDF : 6565.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug



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: 1678.541+/-0.636 χ^2/NDF : 100985.5/8

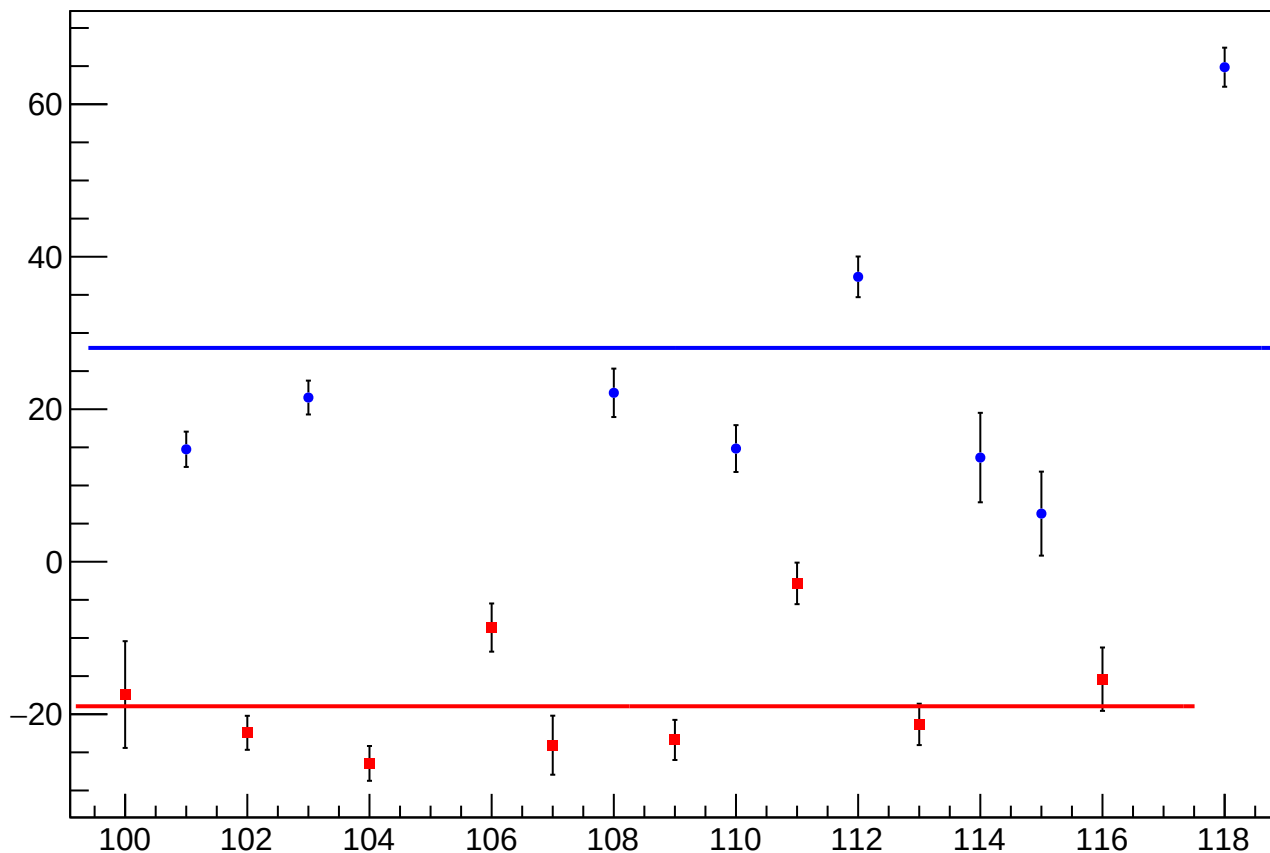
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1700.966+/-0.463 χ^2/NDF : 205596.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 28.042 $\pm$ 1.026 χ^2 /NDF: 303.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.955 $\pm$ 0.974 χ^2 /NDF: 65.0/8

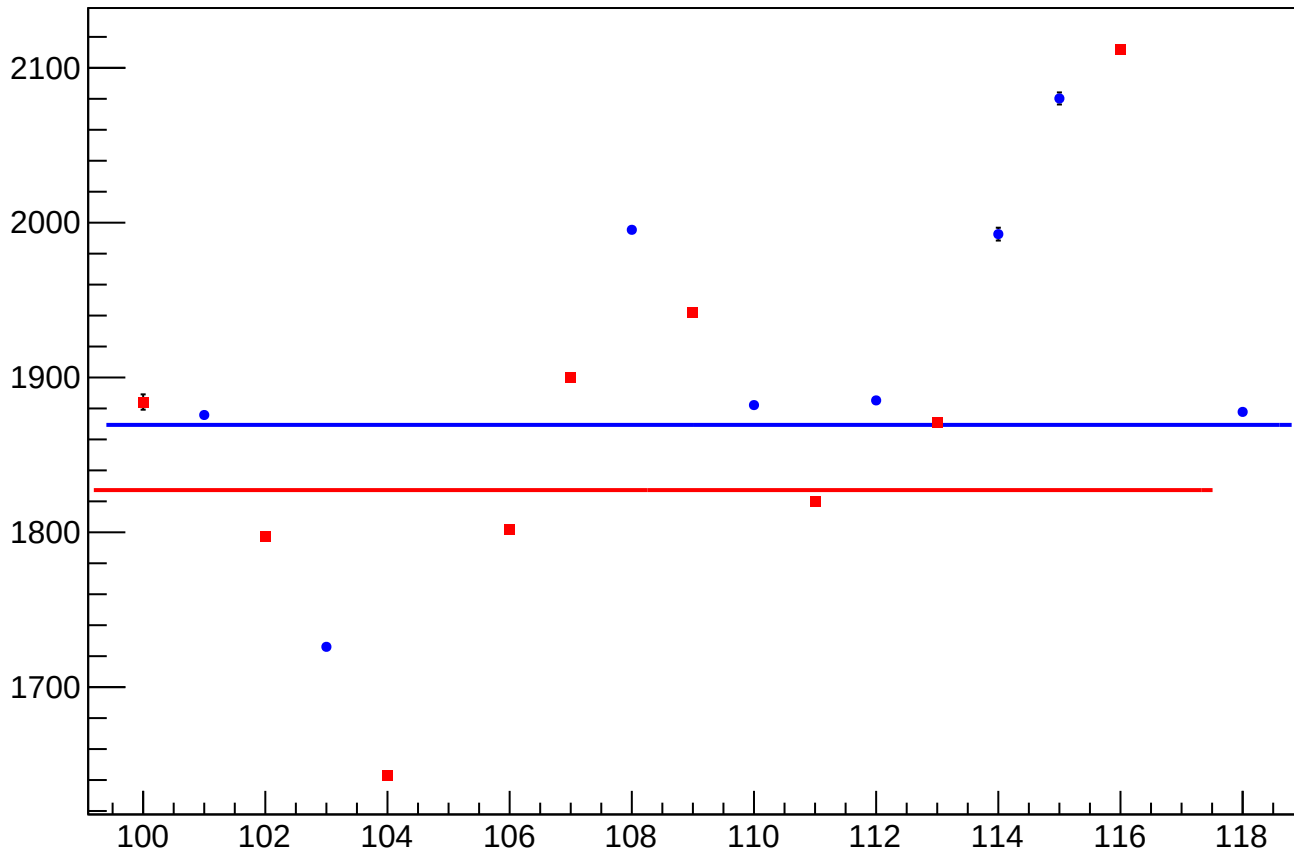
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.323 $\pm$ 0.706 χ^2 /NDF: 1472.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1869.389 $\pm$ 0.726 χ^2 /NDF: 15440.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1827.272 $\pm$ 0.689 χ^2 /NDF: 28108.6/8

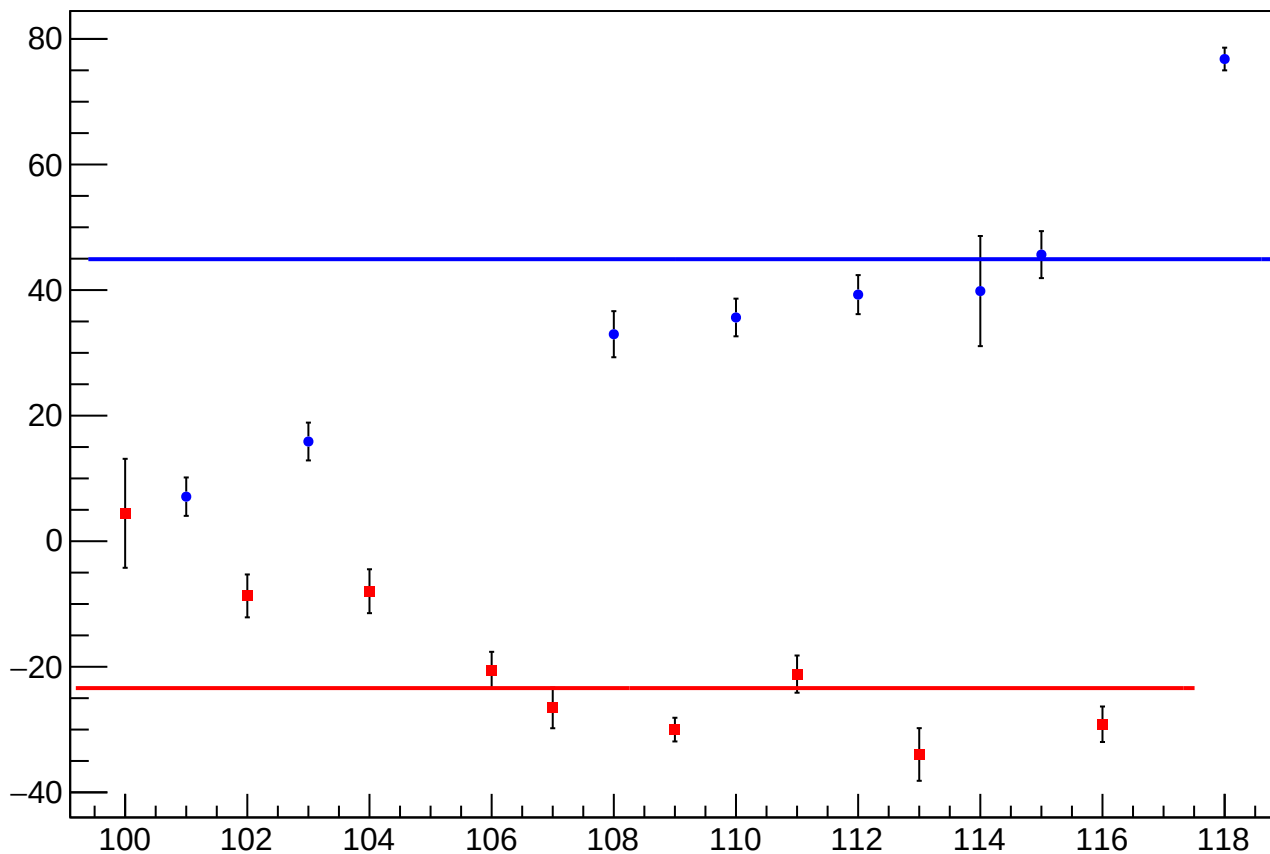
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1847.237 $\pm$ 0.500 χ^2 /NDF: 45321.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



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: -23.395+/-1.015 χ^2/NDF : 73.5/8

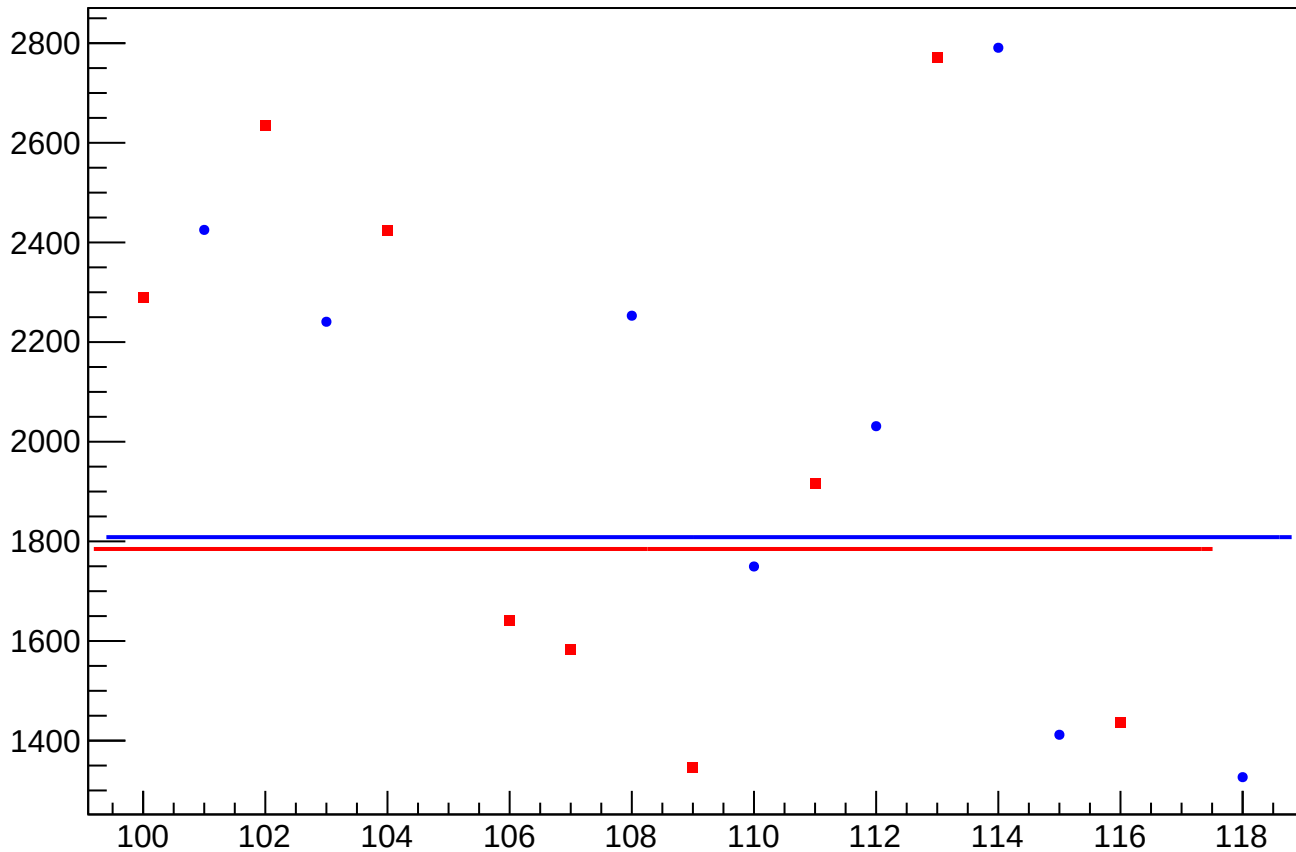
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.406+/-0.732 χ^2/NDF : 2829.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07X_rms vs Slug



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: 1784.709+/-0.718 χ^2/NDF : 463999.7/8

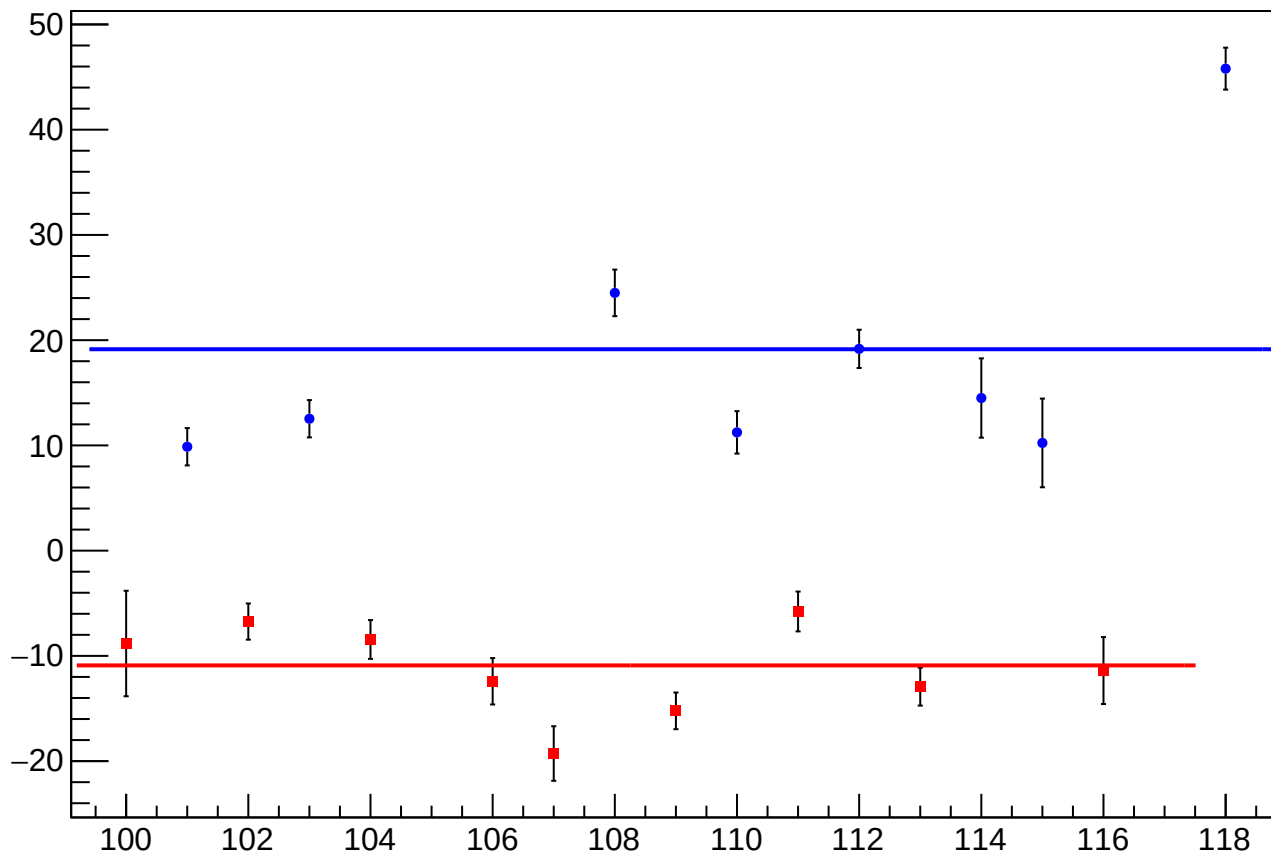
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1796.120+/-0.517 χ^2/NDF : 817127.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 19.137 $\pm$ 0.752 χ^2 /NDF: 247.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.905 $\pm$ 0.700 χ^2 /NDF: 33.5/8

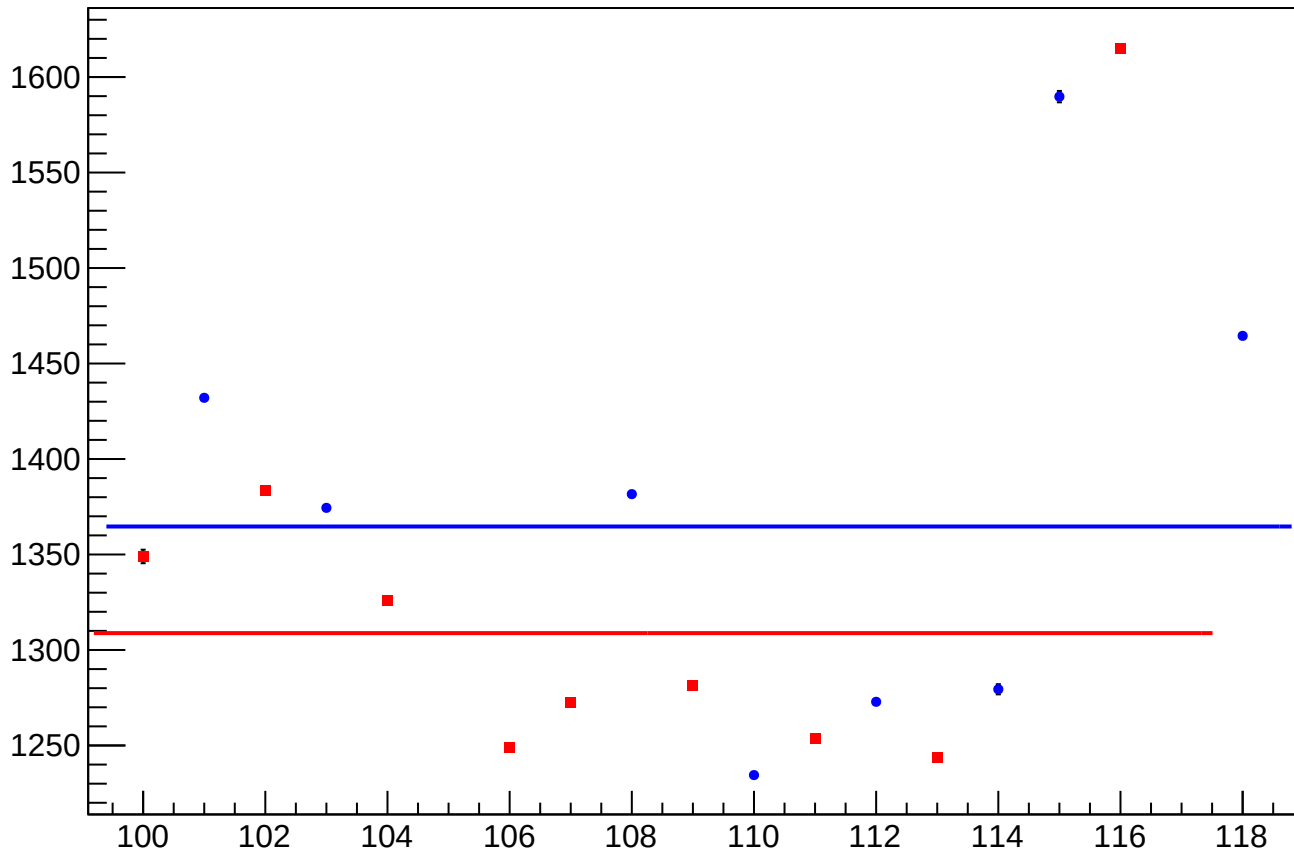
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.041 $\pm$ 0.512 χ^2 /NDF: 1135.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



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: 1308.834 $\pm$ 0.495 χ^2 /NDF: 29248.4/8

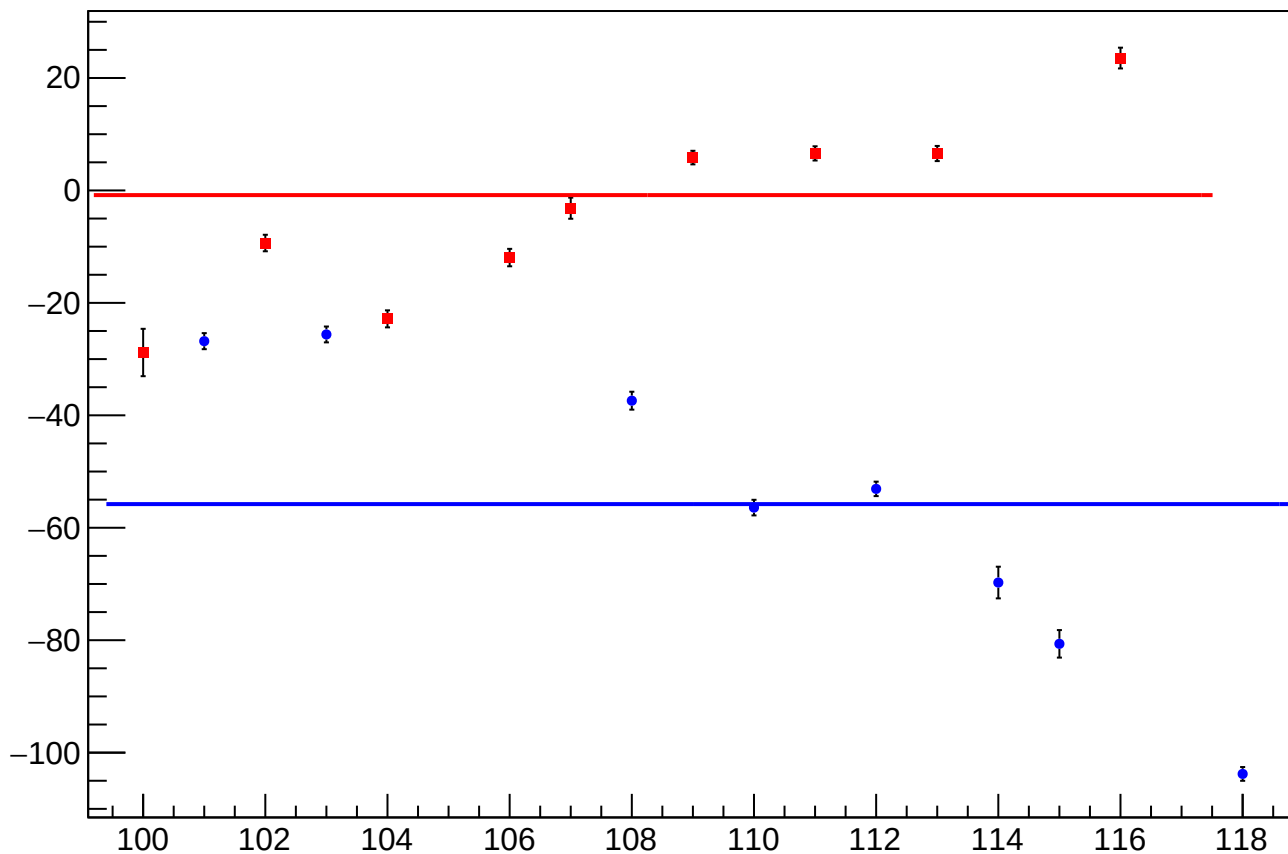
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1334.749 $\pm$ 0.362 χ^2 /NDF: 63410.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



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: -0.830 ± 0.512 χ^2/NDF : 610.9/8

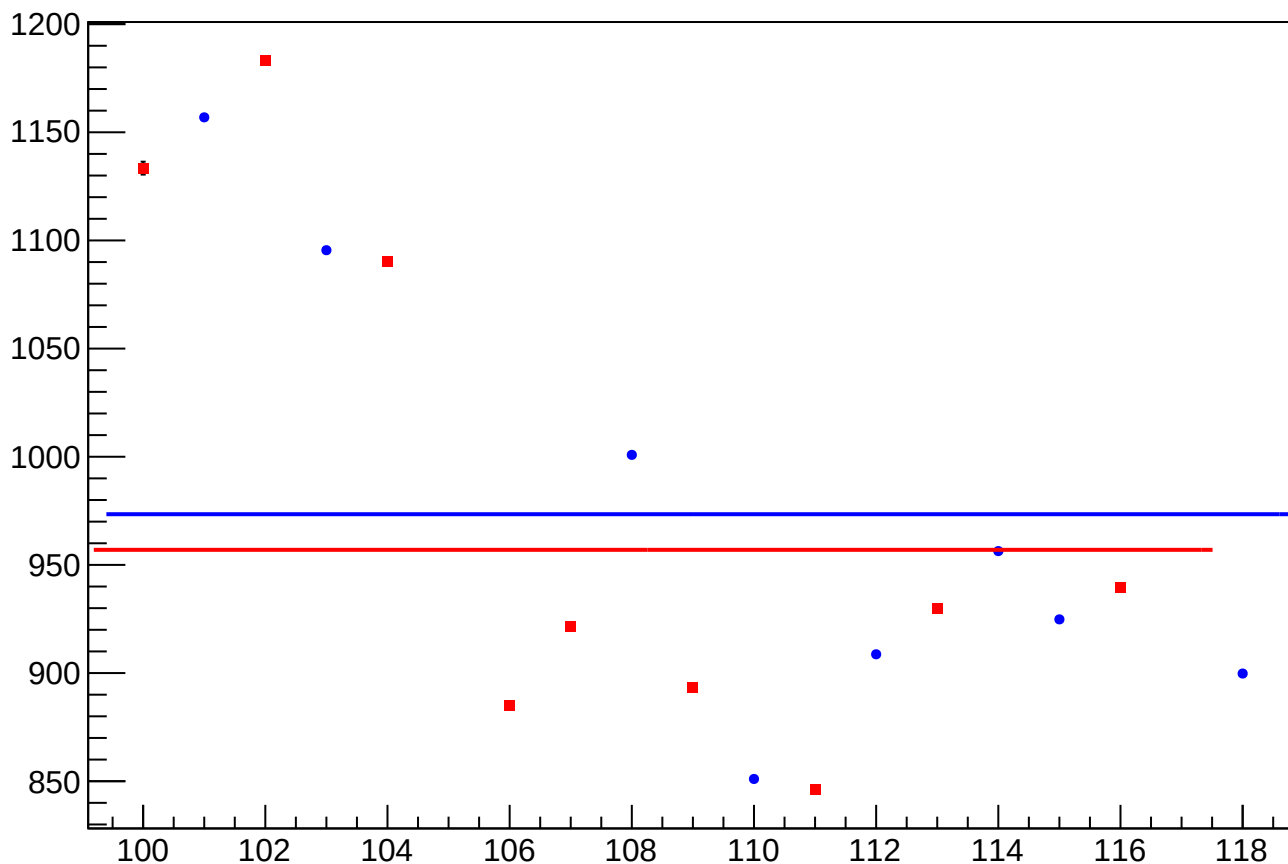
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.047 ± 0.371 χ^2/NDF : 8770.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 973.434 $\pm$ 0.379 χ^2 /NDF: 77339.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 956.965 $\pm$ 0.362 χ^2 /NDF: 93296.1/8

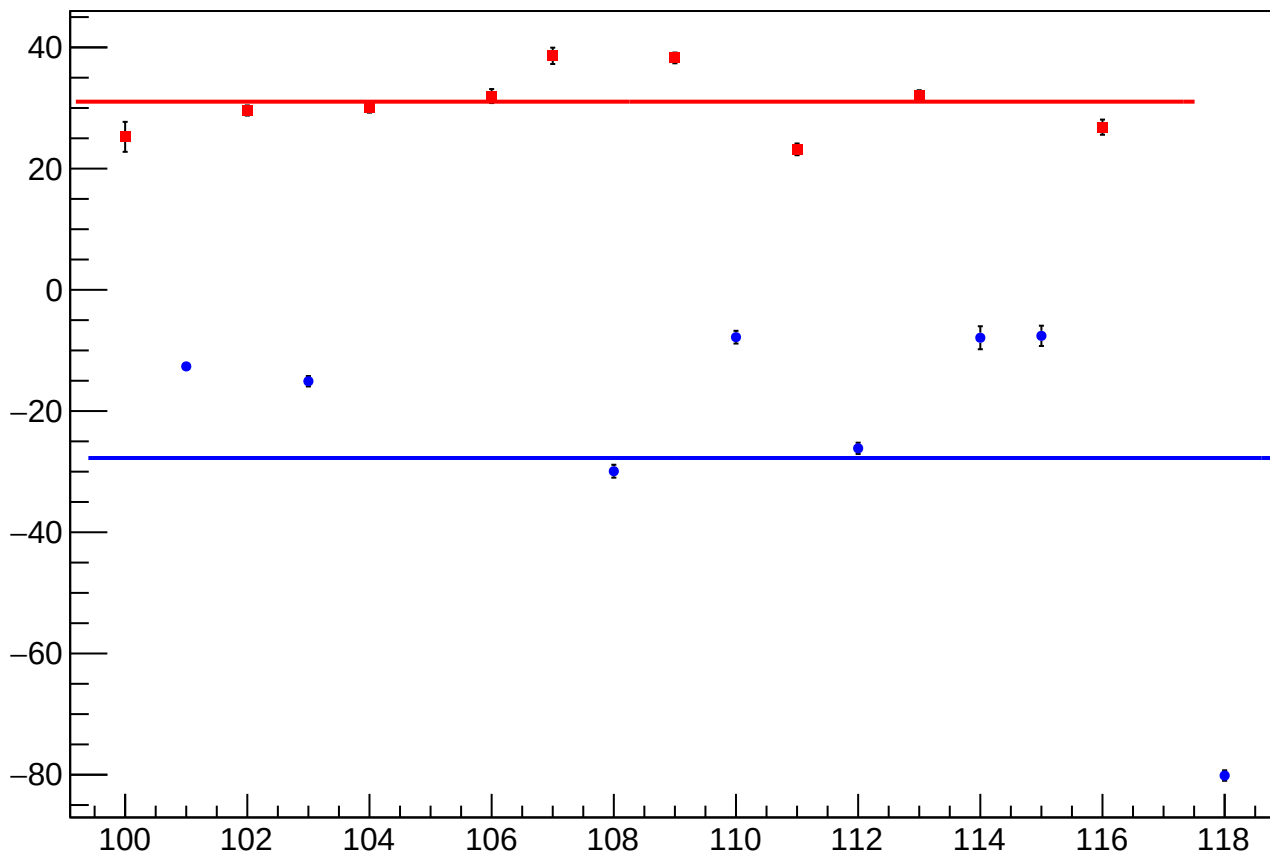
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 964.821 $\pm$ 0.262 χ^2 /NDF: 171621.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -27.746 ± 0.360 $\chi^2/\text{NDF}: 4835.1/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.044 ± 0.349 $\chi^2/\text{NDF}: 186.4/8$

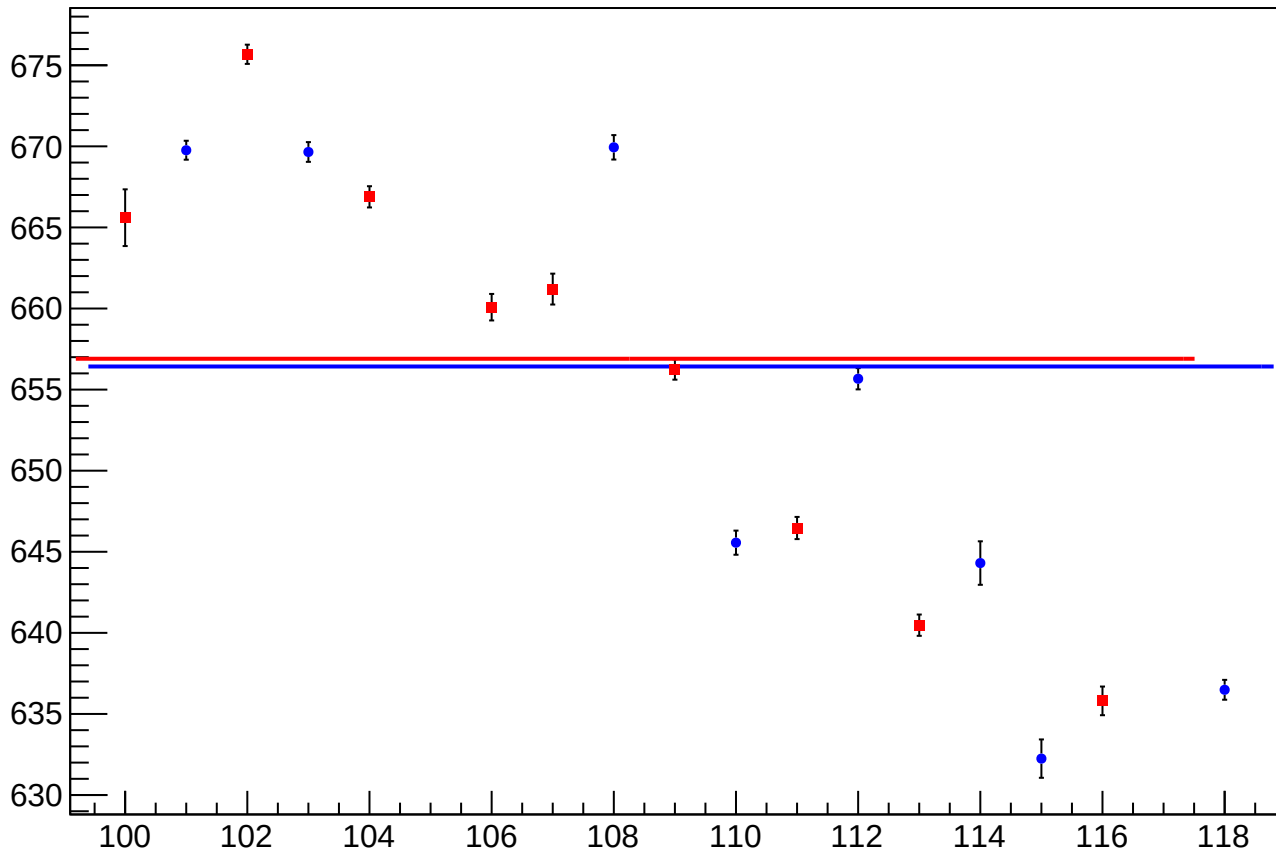
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2.500 ± 0.251 $\chi^2/\text{NDF}: 18773.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm1i02Y_rms vs Slug



Right In: 656.425 $\pm$ 0.254 χ^2 /NDF: 3090.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 656.902 $\pm$ 0.247 χ^2 /NDF: 2726.0/8

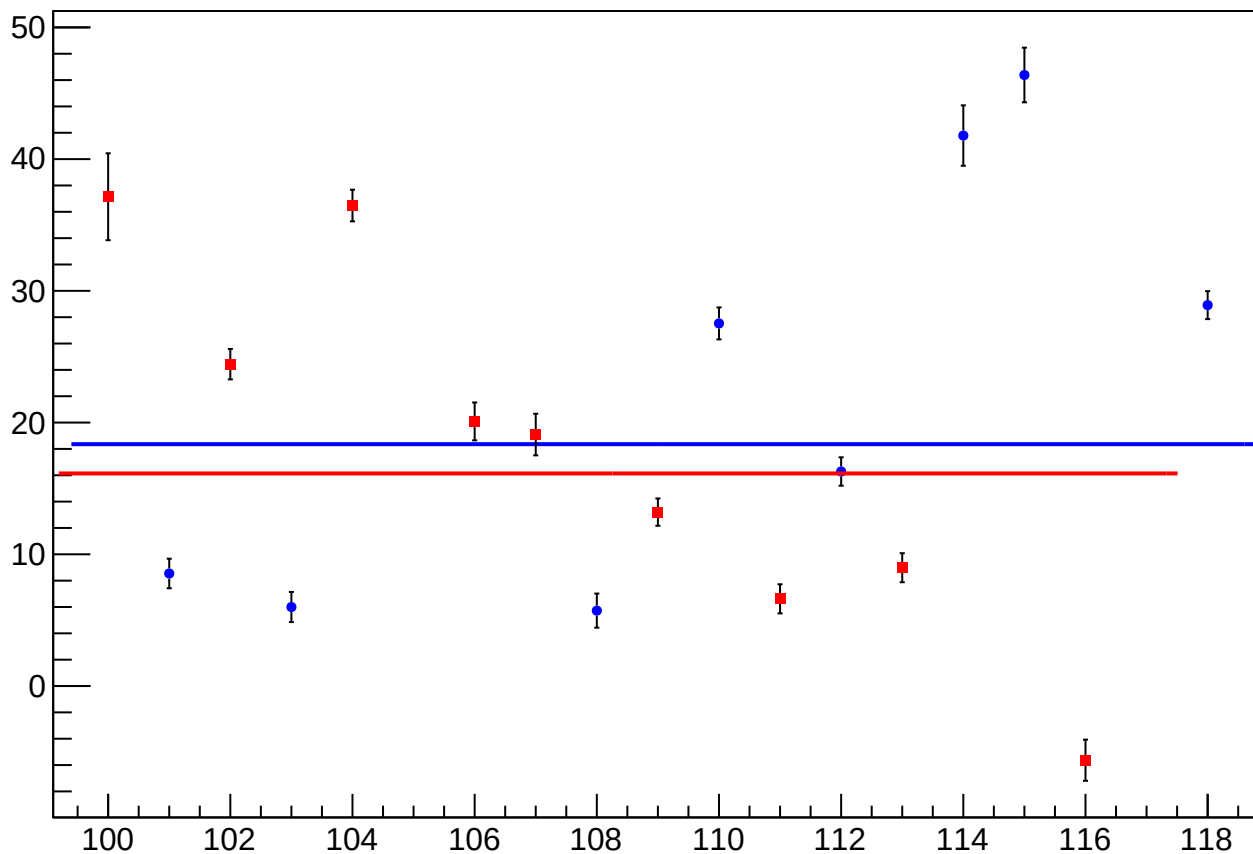
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 656.671 $\pm$ 0.177 χ^2 /NDF: 5818.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 18.360 $\pm$ 0.447 χ^2 /NDF: 735.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.138 $\pm$ 0.430 χ^2 /NDF: 708.6/8

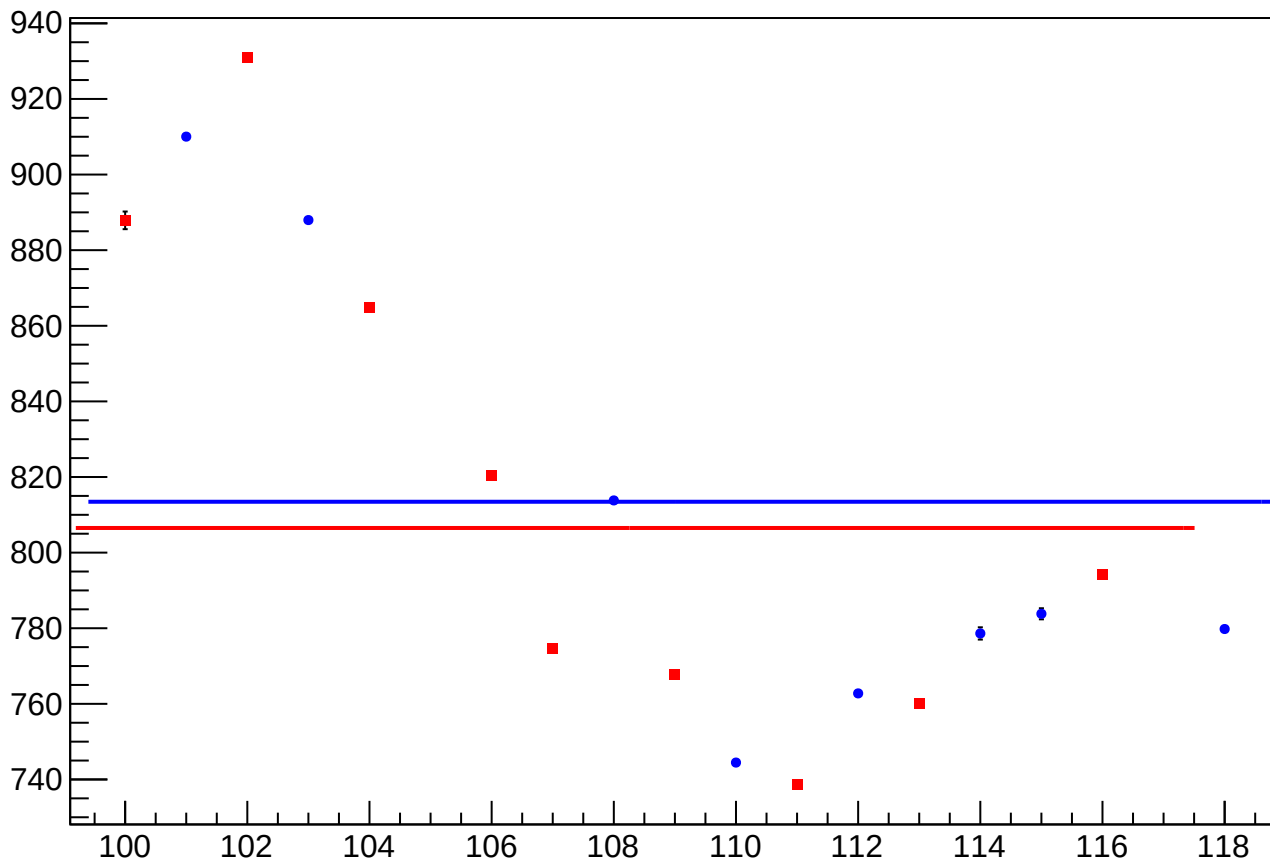
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.207 $\pm$ 0.310 χ^2 /NDF: 1456.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 813.455 $\pm$ 0.316 χ^2 /NDF: 37074.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 806.519 $\pm$ 0.304 χ^2 /NDF: 44120.4/8

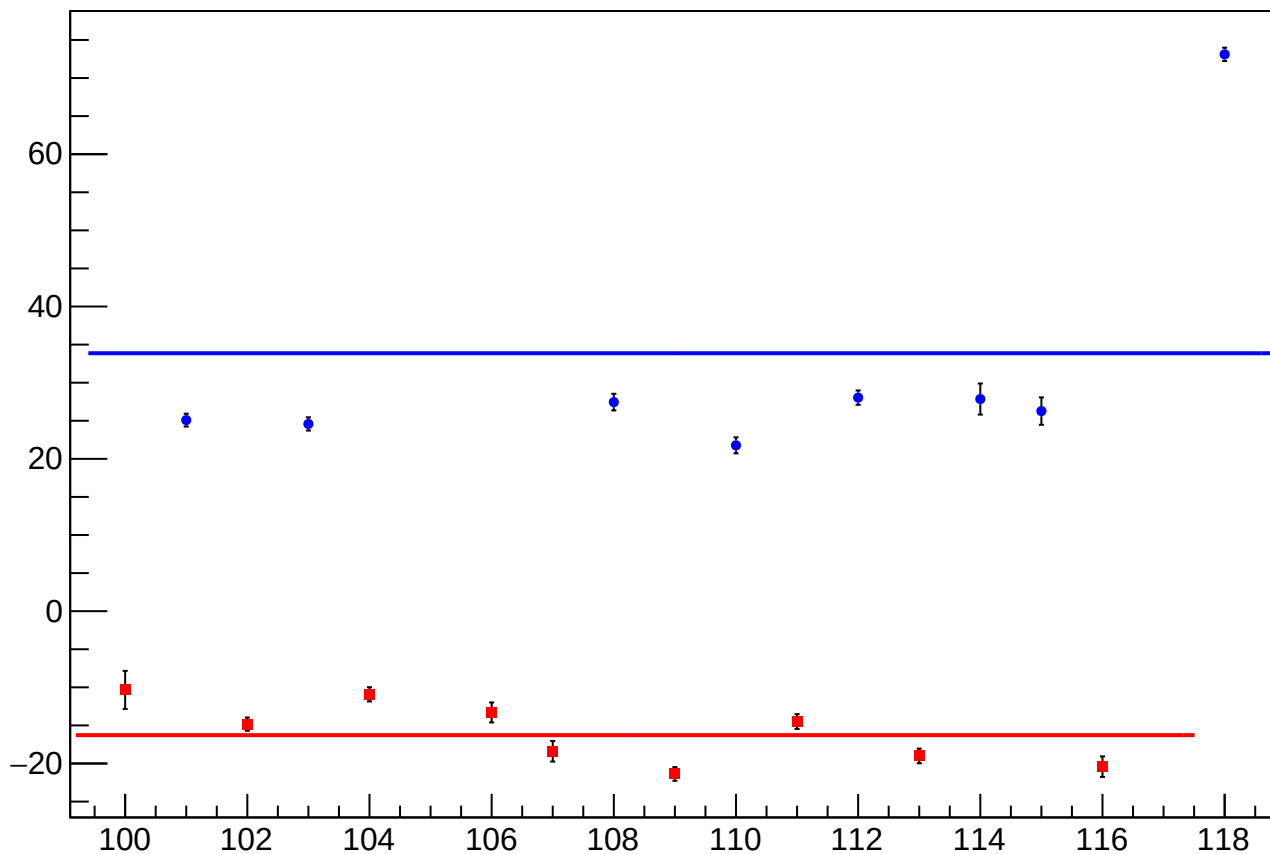
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 809.856 $\pm$ 0.219 χ^2 /NDF: 81445.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



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: -16.280 $\pm$ 0.361 χ^2 /NDF: 102.2/8

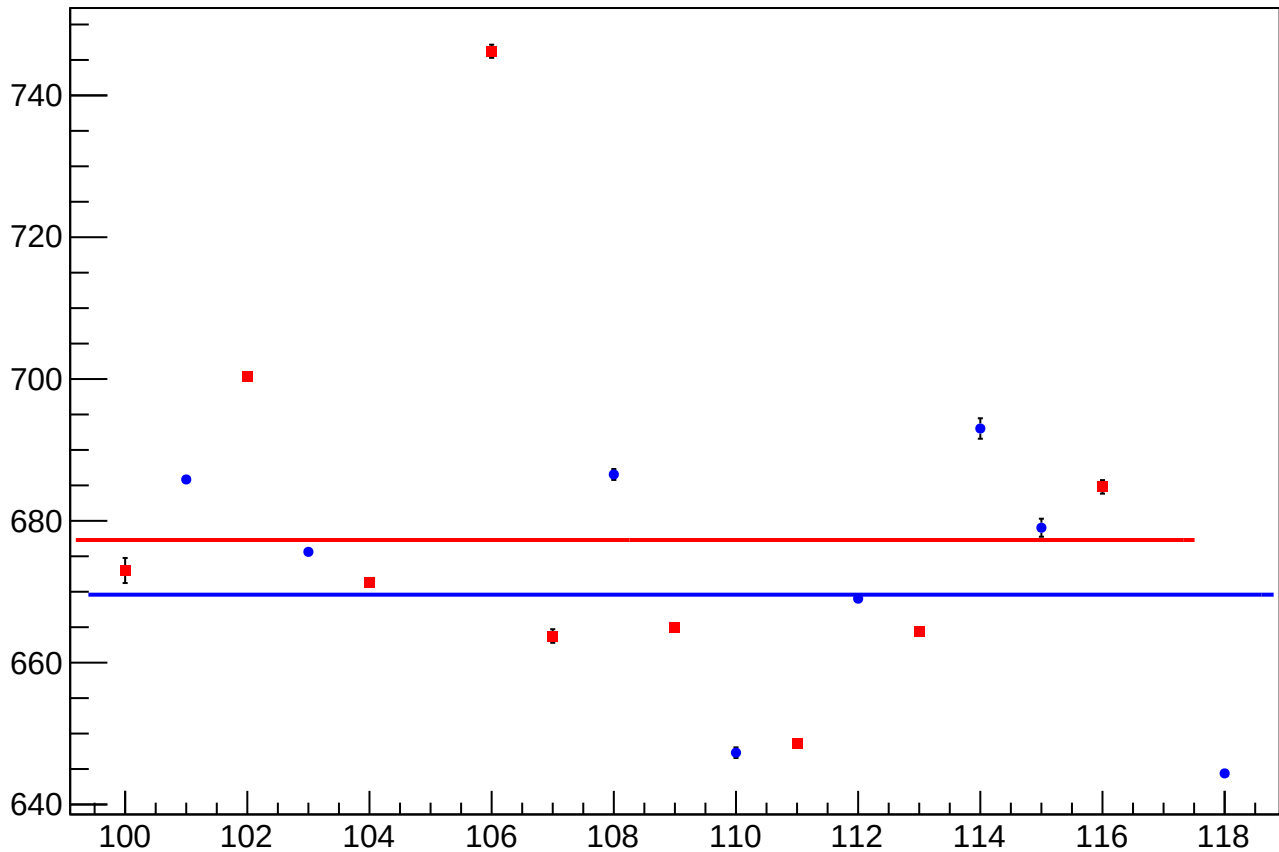
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.354 $\pm$ 0.257 χ^2 /NDF: 12064.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_rms vs Slug



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: 677.298 $\pm$ 0.255 χ^2 /NDF: 9763.0/8

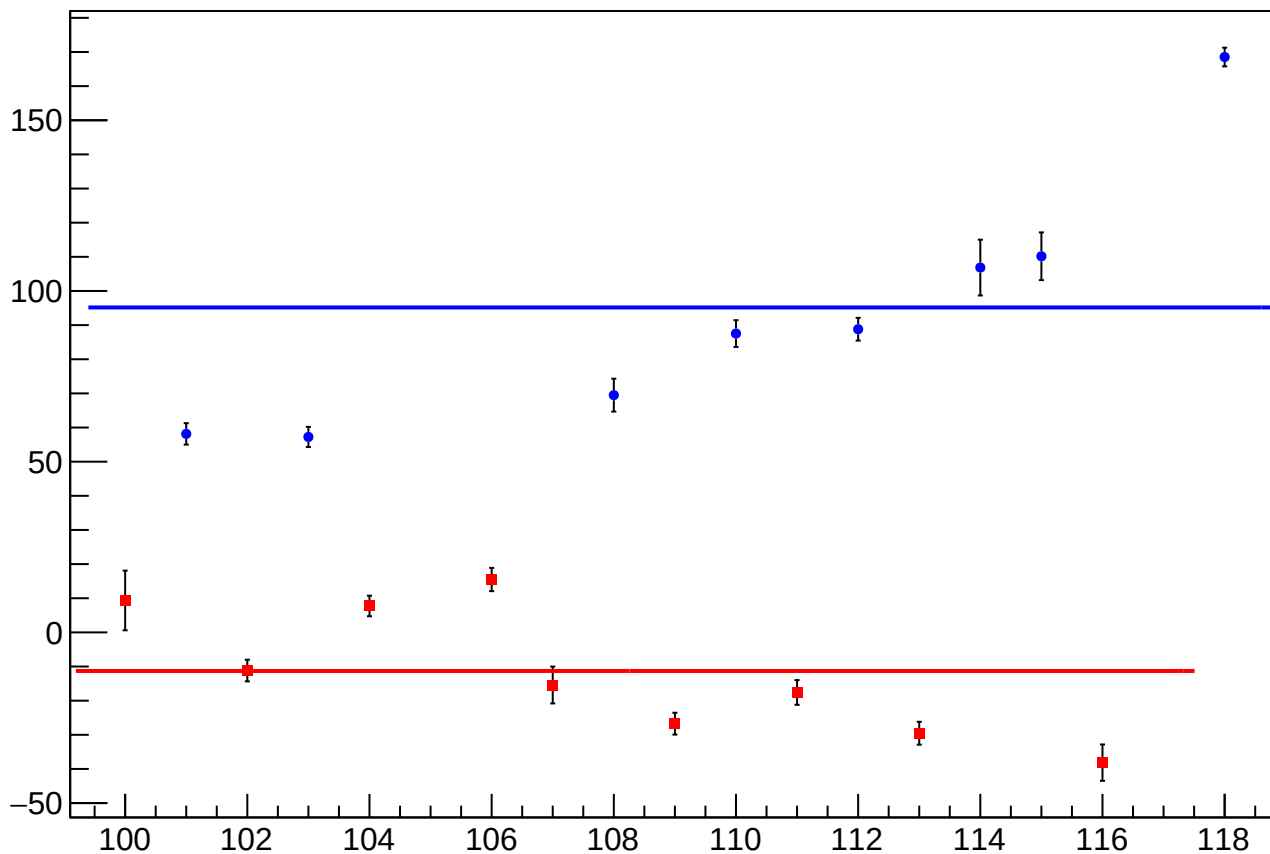
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 673.511 $\pm$ 0.182 χ^2 /NDF: 14395.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 95.169+/-1.309 χ^2 /NDF: 1066.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -11.304+/-1.249 χ^2 /NDF: 189.4/8

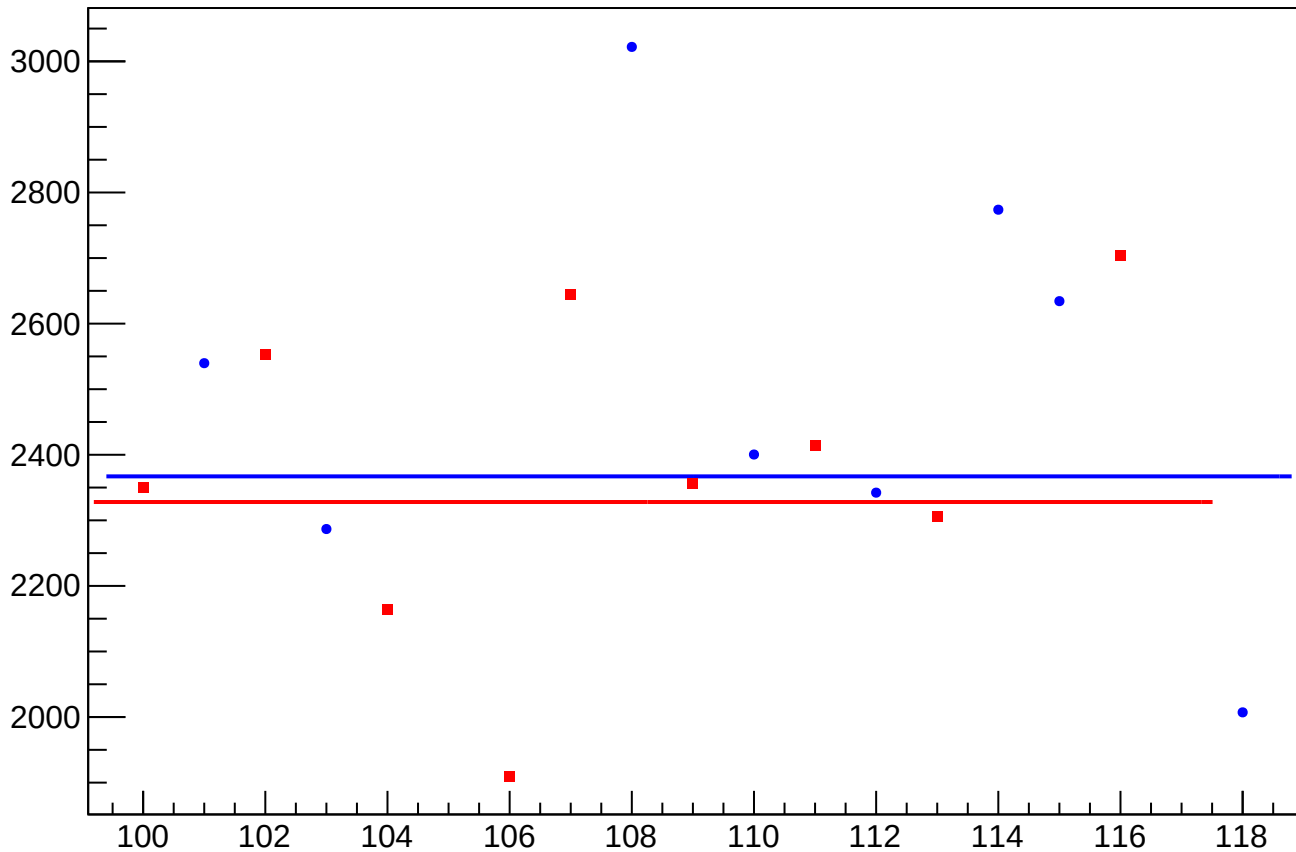
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 39.438+/-0.903 χ^2 /NDF: 4720.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2367.059 $\pm$ 0.925 χ^2 /NDF: 87351.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2327.962 $\pm$ 0.883 χ^2 /NDF: 64576.4/8

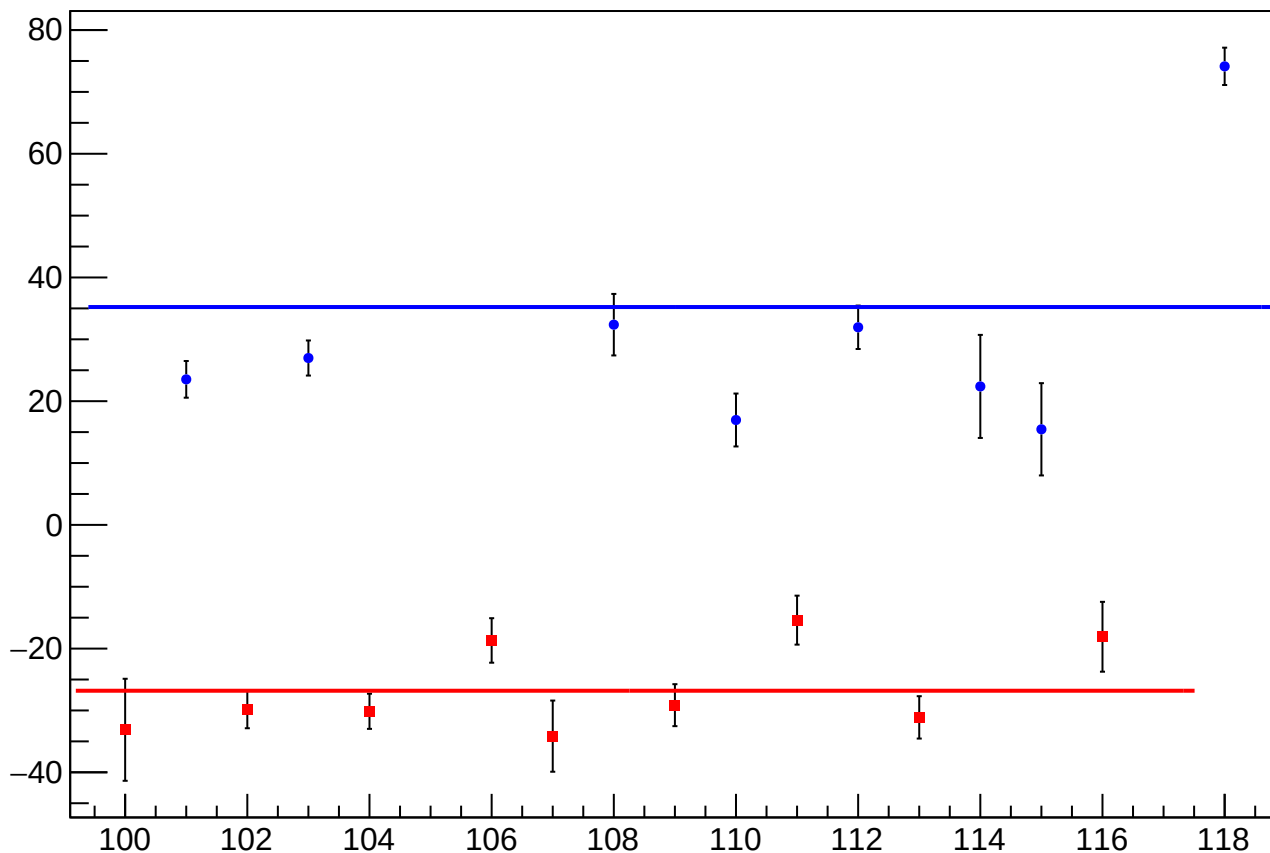
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2346.594 $\pm$ 0.639 χ^2 /NDF: 152862.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_mean vs Slug



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: -26.812+/-1.267 χ^2/NDF : 22.5/8

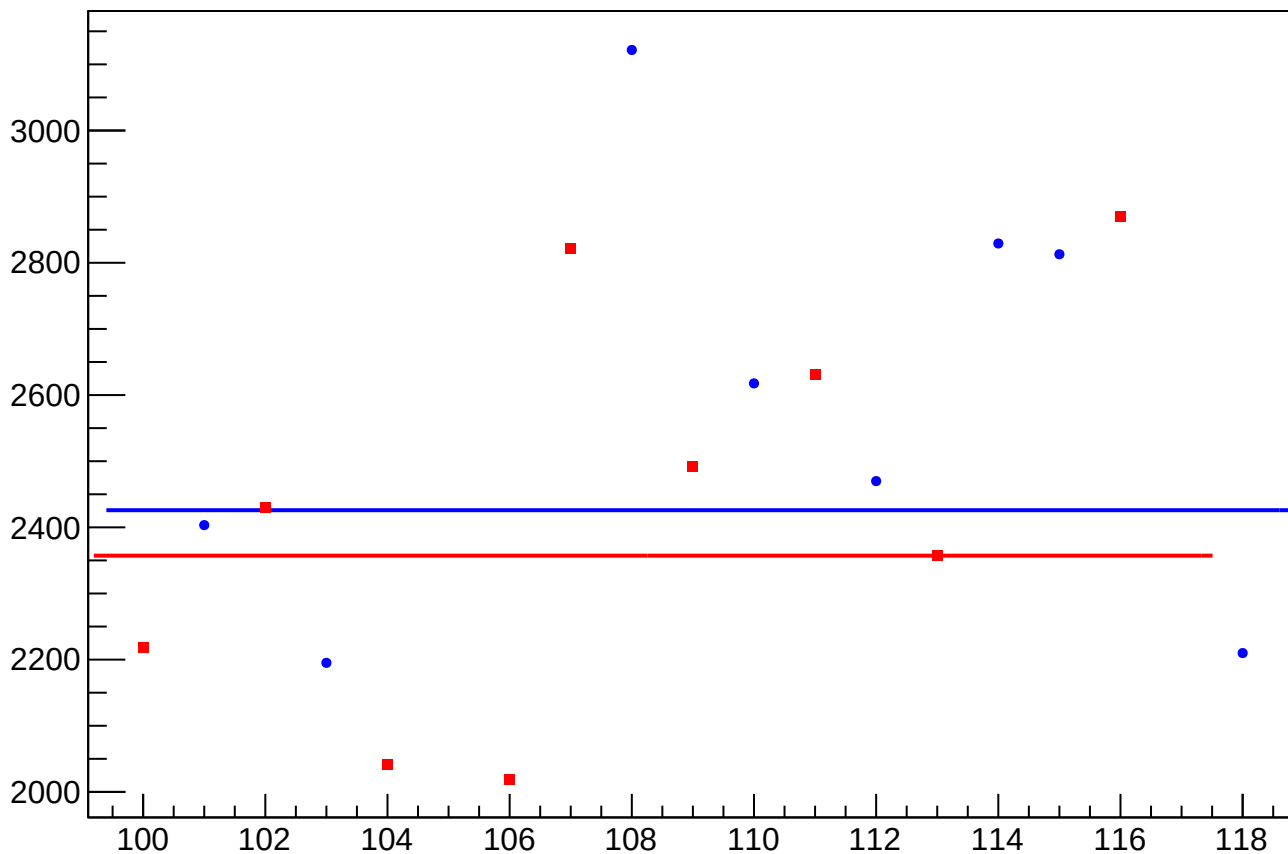
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.455+/-0.921 χ^2/NDF : 1372.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2425.926 $\pm$ 0.948 χ^2 /NDF: 77177.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2357.198 $\pm$ 0.896 χ^2 /NDF: 86445.8/8

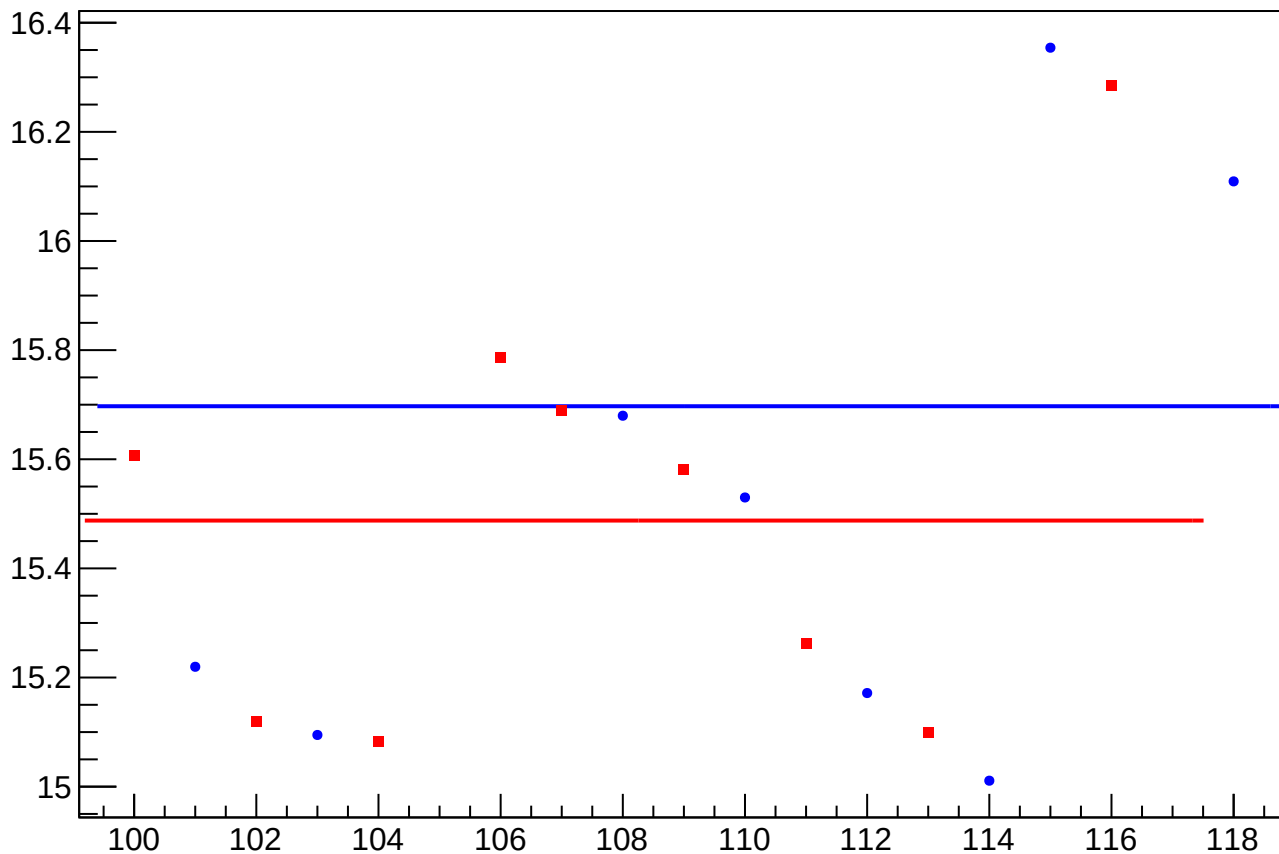
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2389.624 $\pm$ 0.651 χ^2 /NDF: 166399.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam1_mean vs Slug



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: 15.488+/-0.000 χ^2/NDF : 833234641.0/8

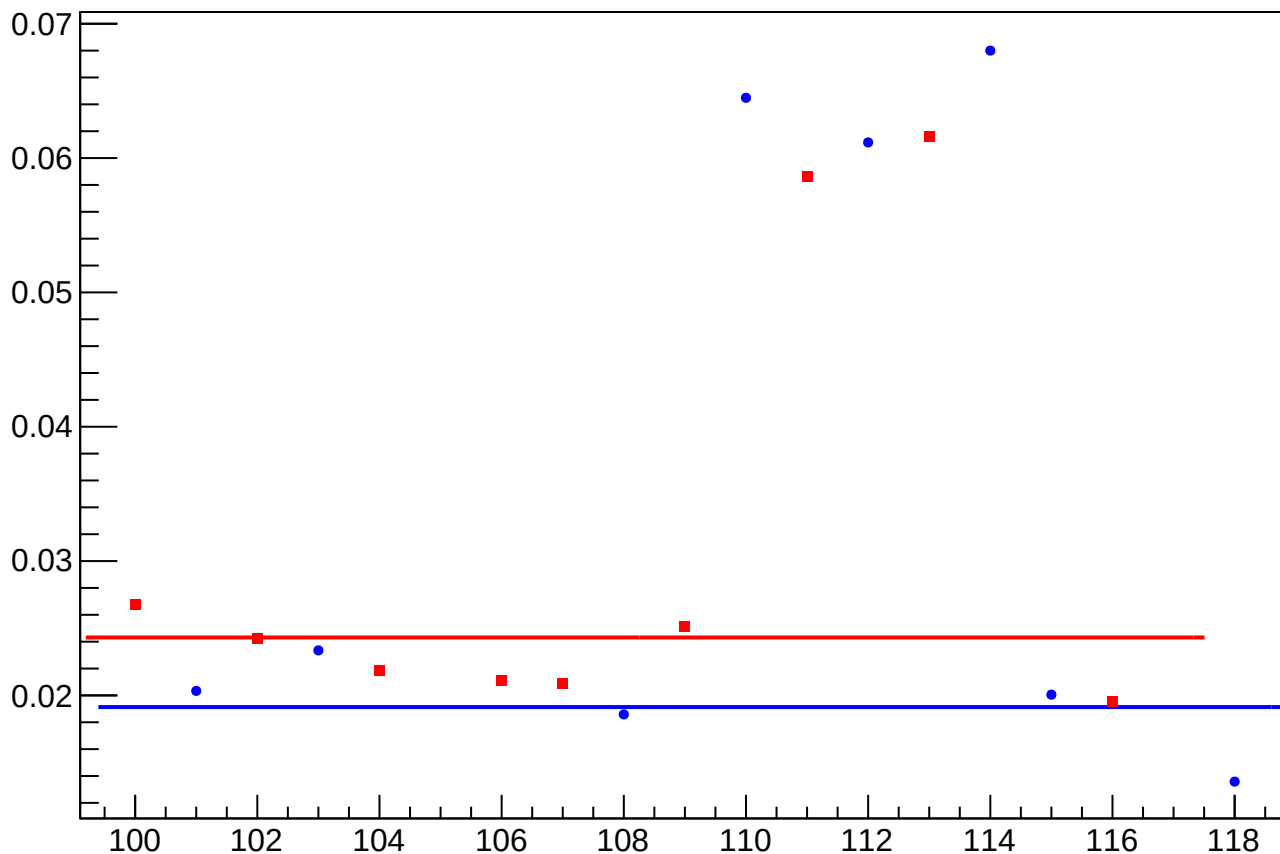
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.612+/-0.000 χ^2/NDF : 2339160886.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



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: 0.024+/-0.000 χ^2/NDF : 679574.4/8

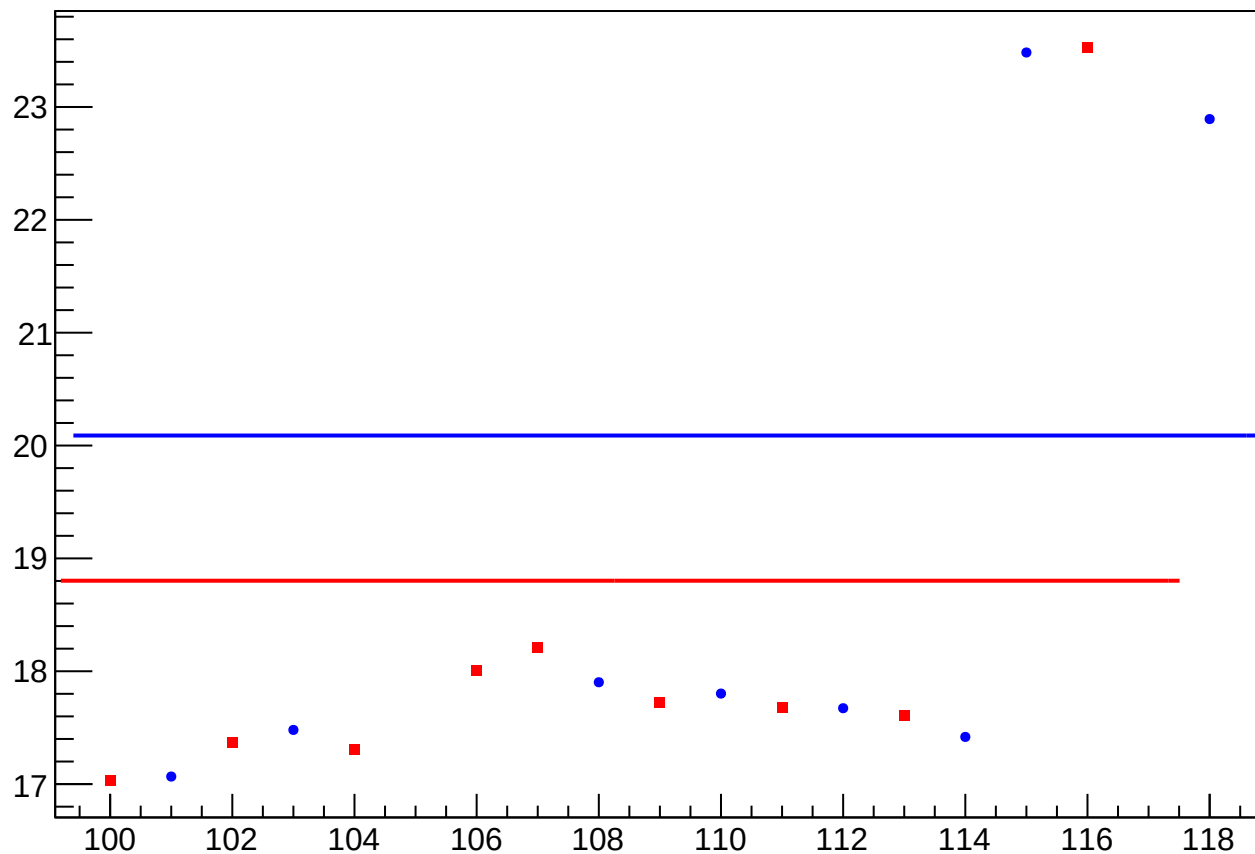
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.000 χ^2/NDF : 1925404.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_mean vs Slug



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: 18.802+/-0.000 χ^2 /NDF: 309220415.9/8

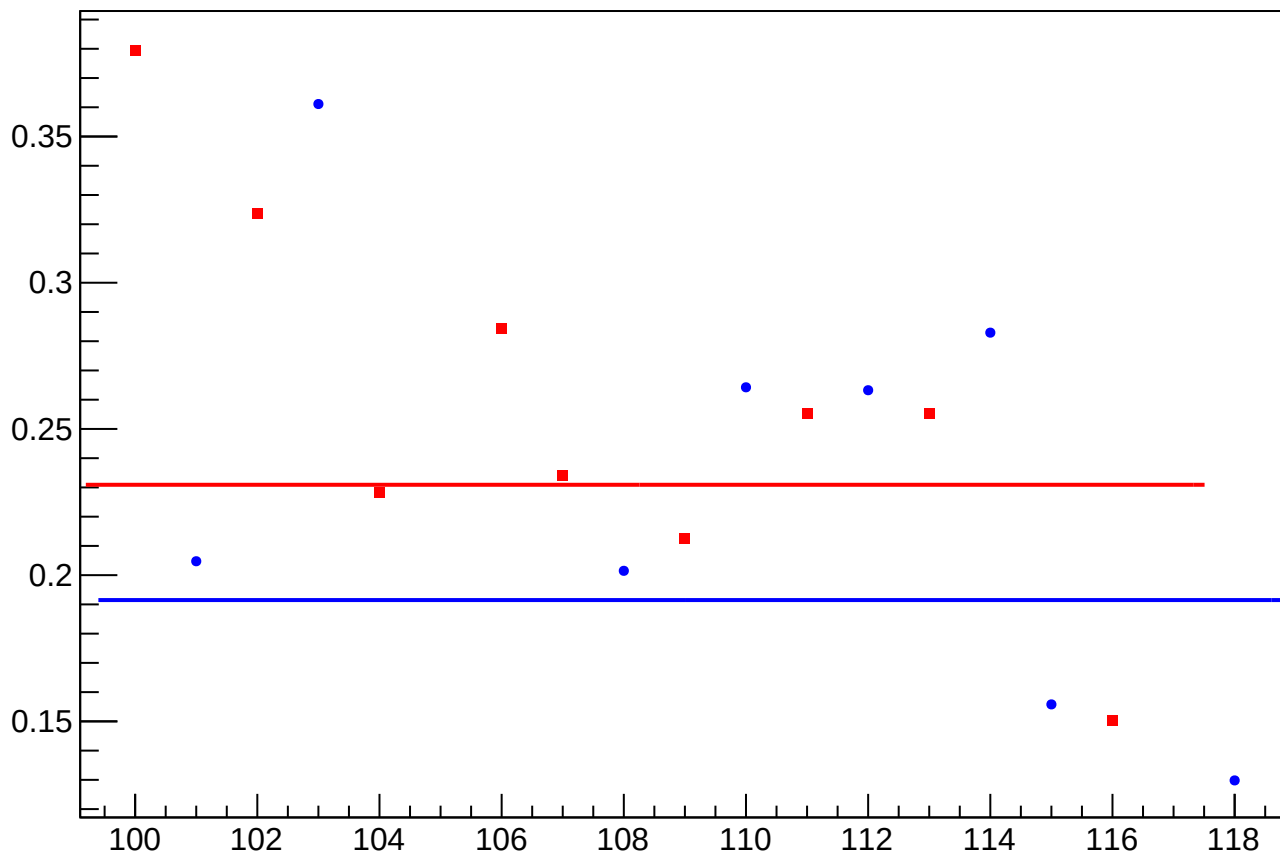
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.534+/-0.000 χ^2 /NDF: 915130332.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam2_rms vs Slug



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: 0.231+/-0.000 χ^2/NDF : 301649.9/8

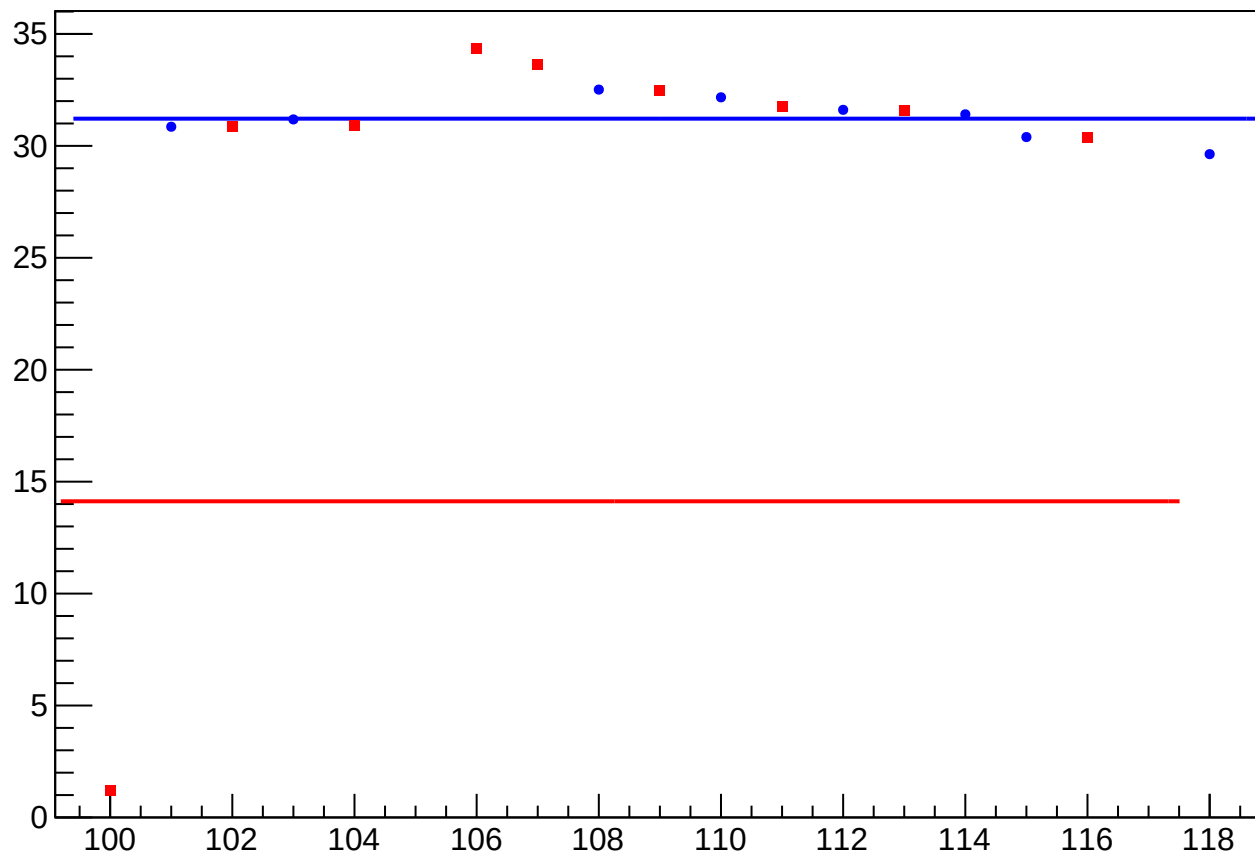
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.208+/-0.000 χ^2/NDF : 1041968.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 31.216+/-0.000 χ^2/NDF : 210731599.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

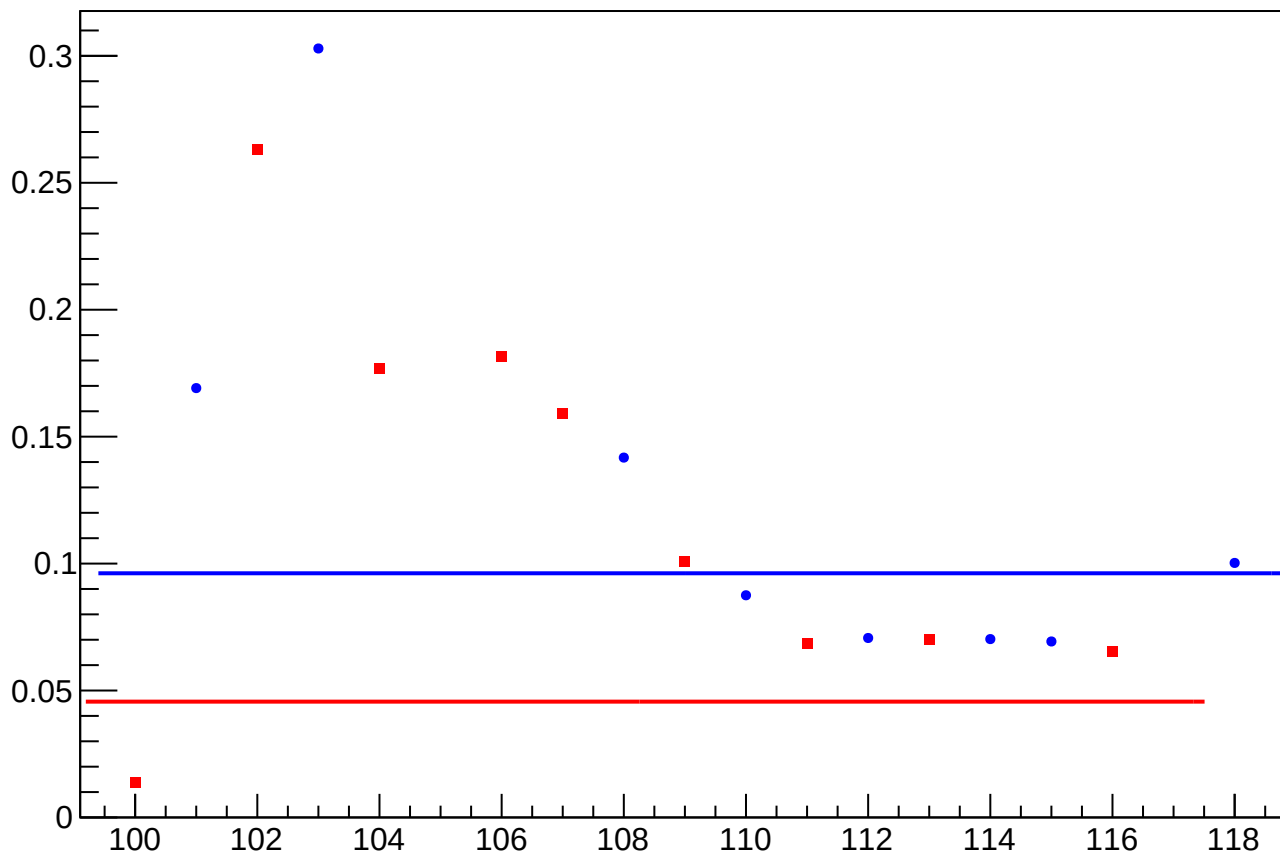
Right Out: 14.123+/-0.000 χ^2/NDF : 153851912611.1/8

All: 18.777+/-0.000 χ^2/NDF : 208041713162.

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_rms vs Slug



Right In: 0.096 $\pm$ 0.000 χ^2 /NDF: 983439.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.046 $\pm$ 0.000 χ^2 /NDF: 2957559.1/8

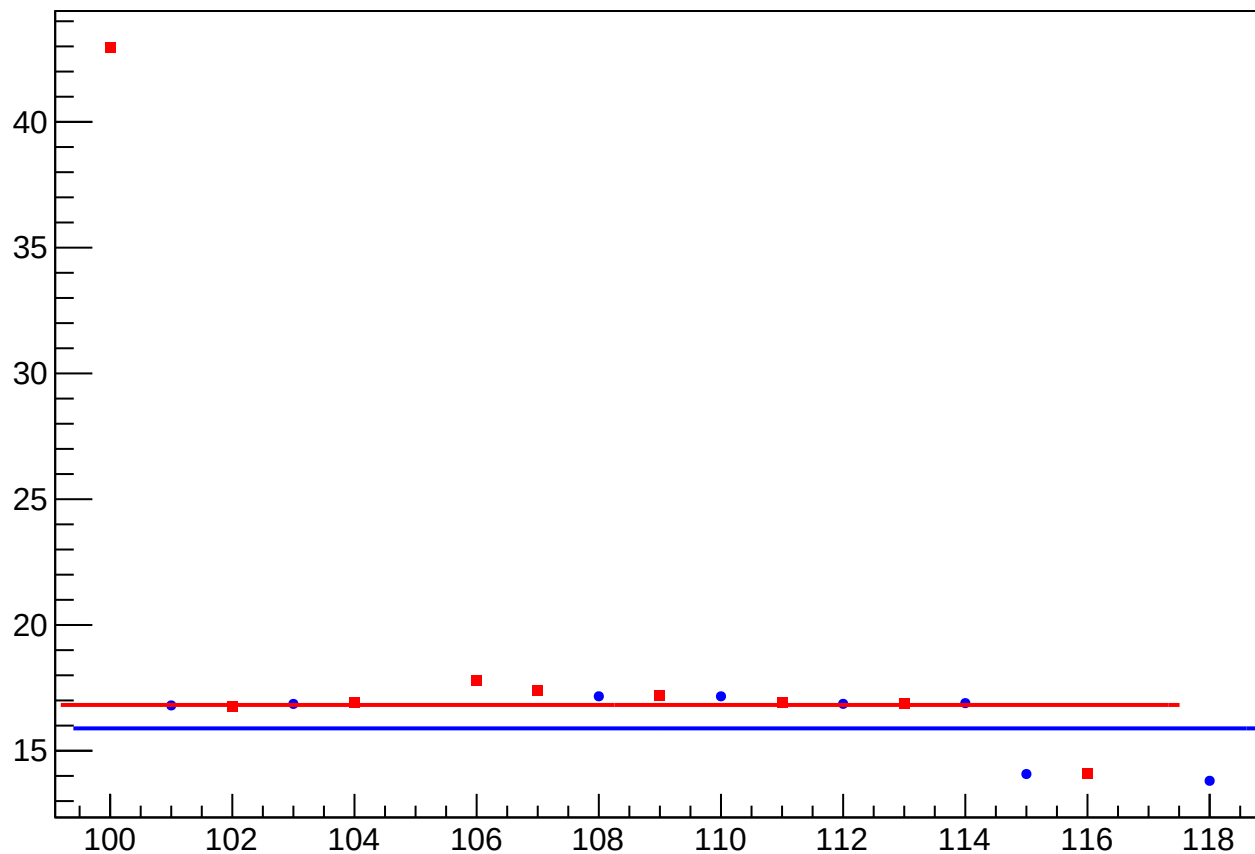
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.059 $\pm$ 0.000 χ^2 /NDF: 4885575.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_mean vs Slug



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: 16.822+/-0.000 χ^2/NDF : 450919059.0/8

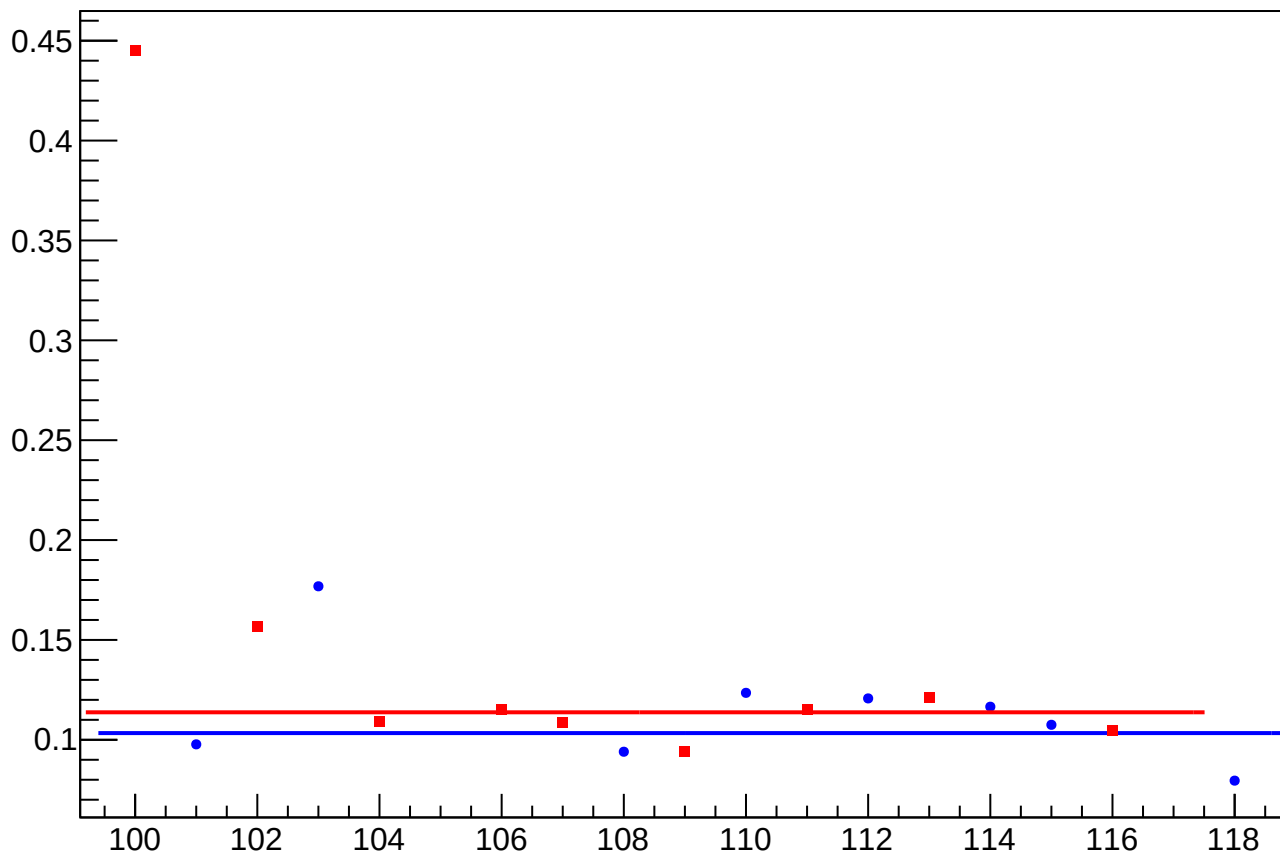
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.322+/-0.000 χ^2/NDF : 1127587894.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug



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: 0.114+/-0.000 χ^2/NDF : 214330.8/8

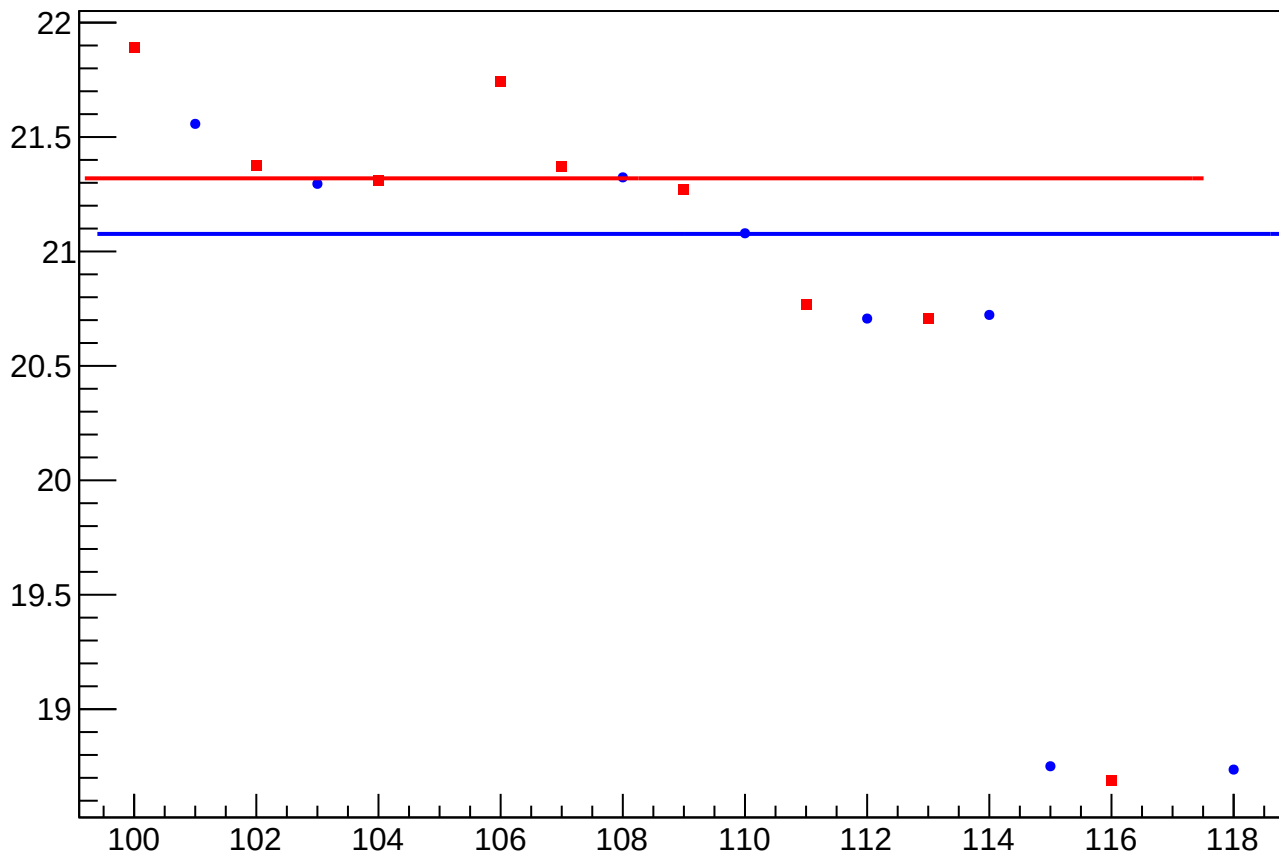
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.108+/-0.000 χ^2/NDF : 580017.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_mean vs Slug



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: 21.320+/-0.000 χ^2/NDF : 534170464.2/8

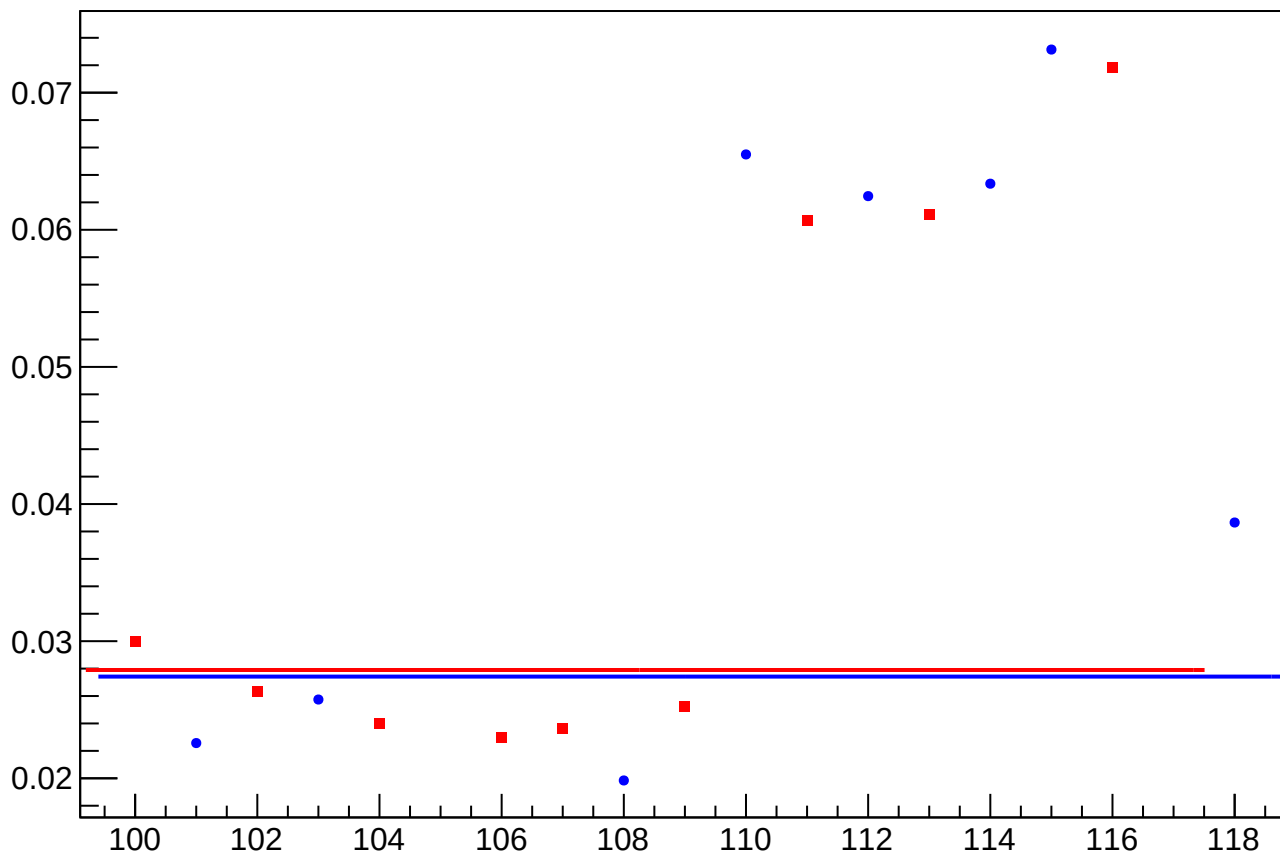
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.199+/-0.000 χ^2/NDF : 3082389828.8/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



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: 0.028+/-0.000 χ^2/NDF : 772769.9/8

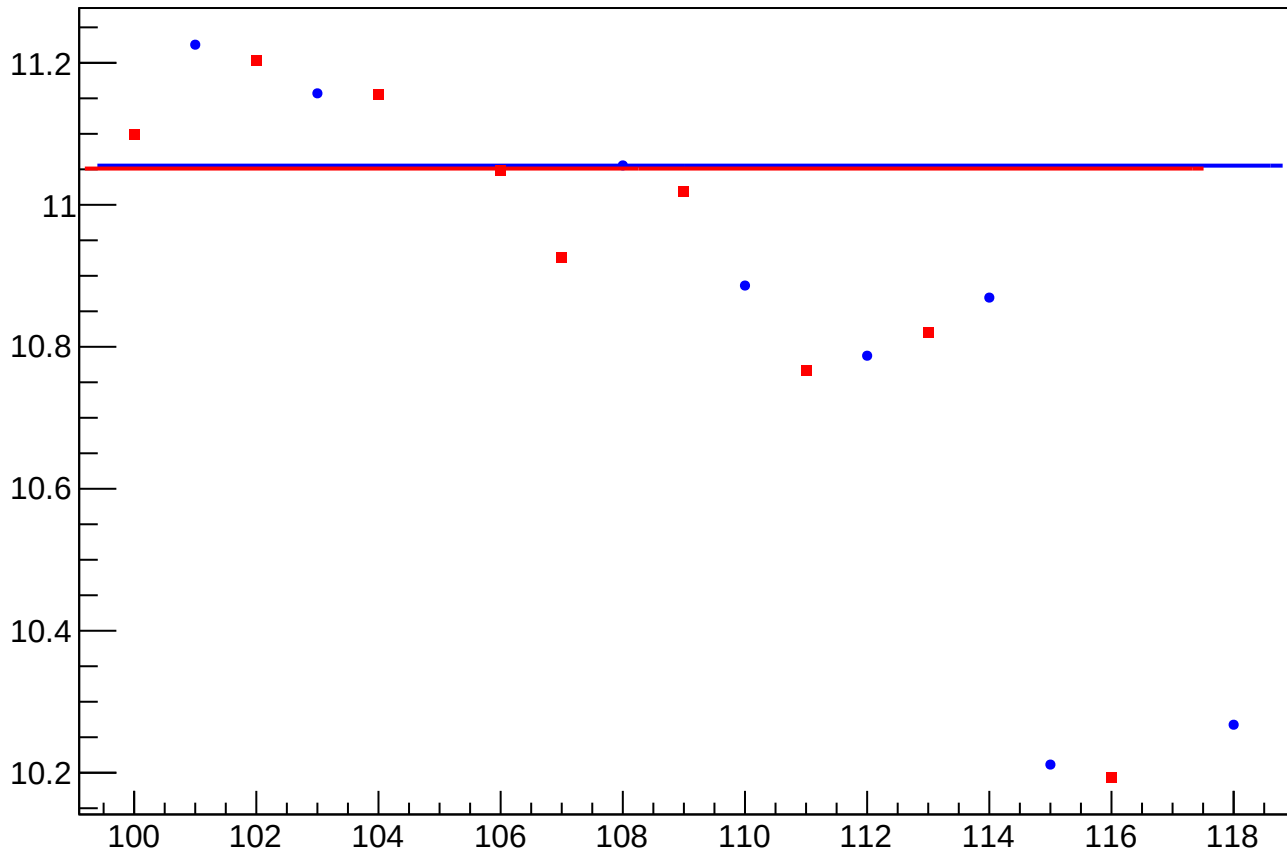
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.000 χ^2/NDF : 1708993.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



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: 11.051+/-0.000 χ^2/NDF : 478134489.7/8

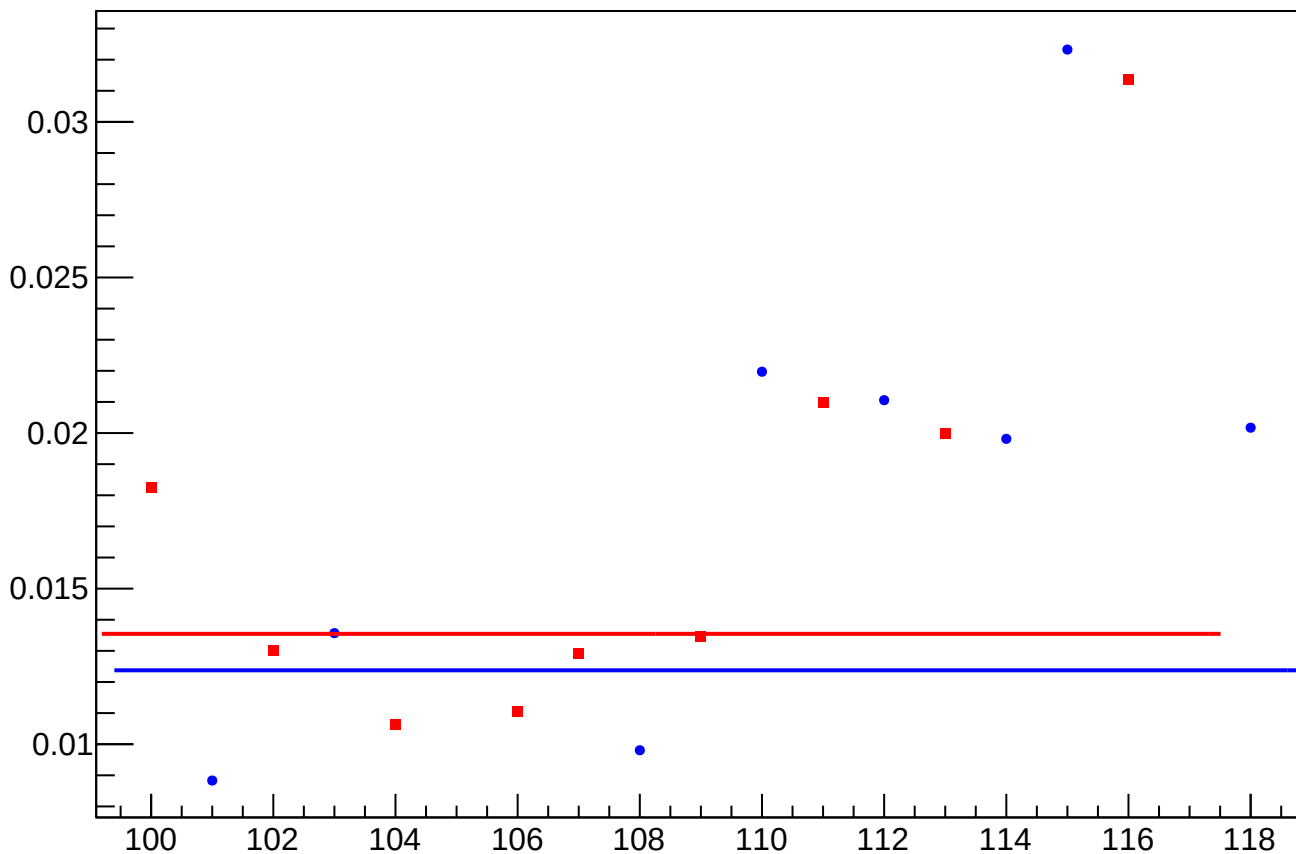
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.053+/-0.000 χ^2/NDF : 1700587070.0/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_rms vs Slug



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 : 470997.5/8

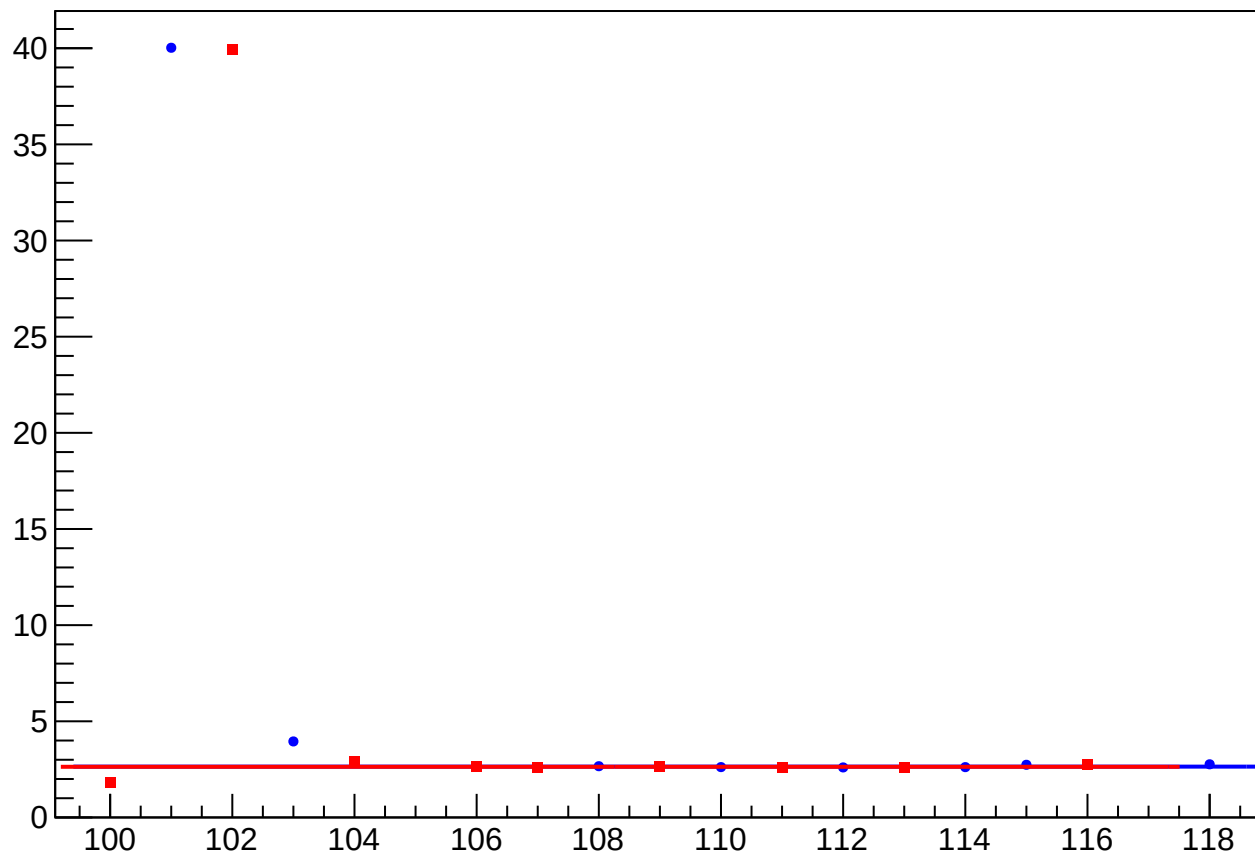
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1300525.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_mean vs Slug



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: 2.634+/-0.000 χ^2/NDF : 61667061748.0/8

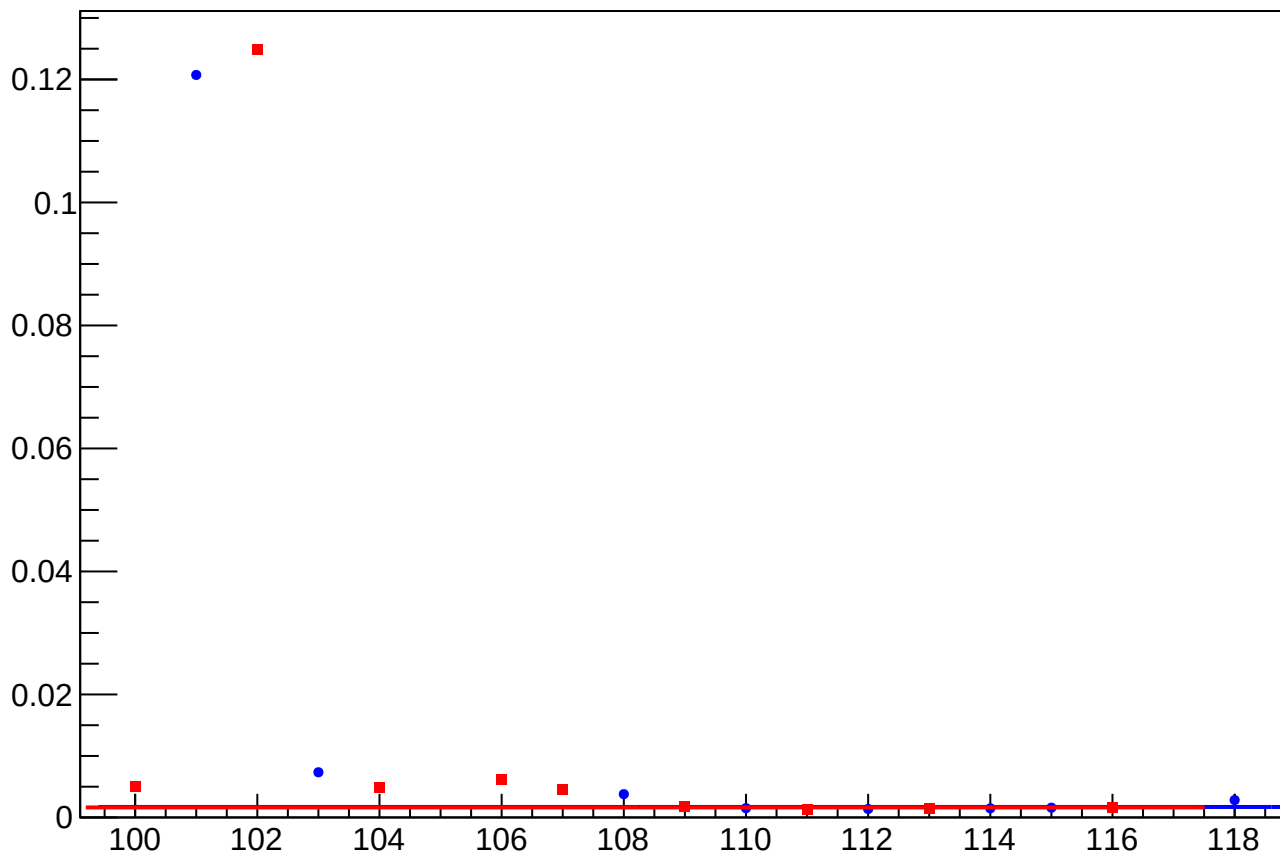
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.638+/-0.000 χ^2/NDF : 125396710689.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1696120.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2101497.6/8

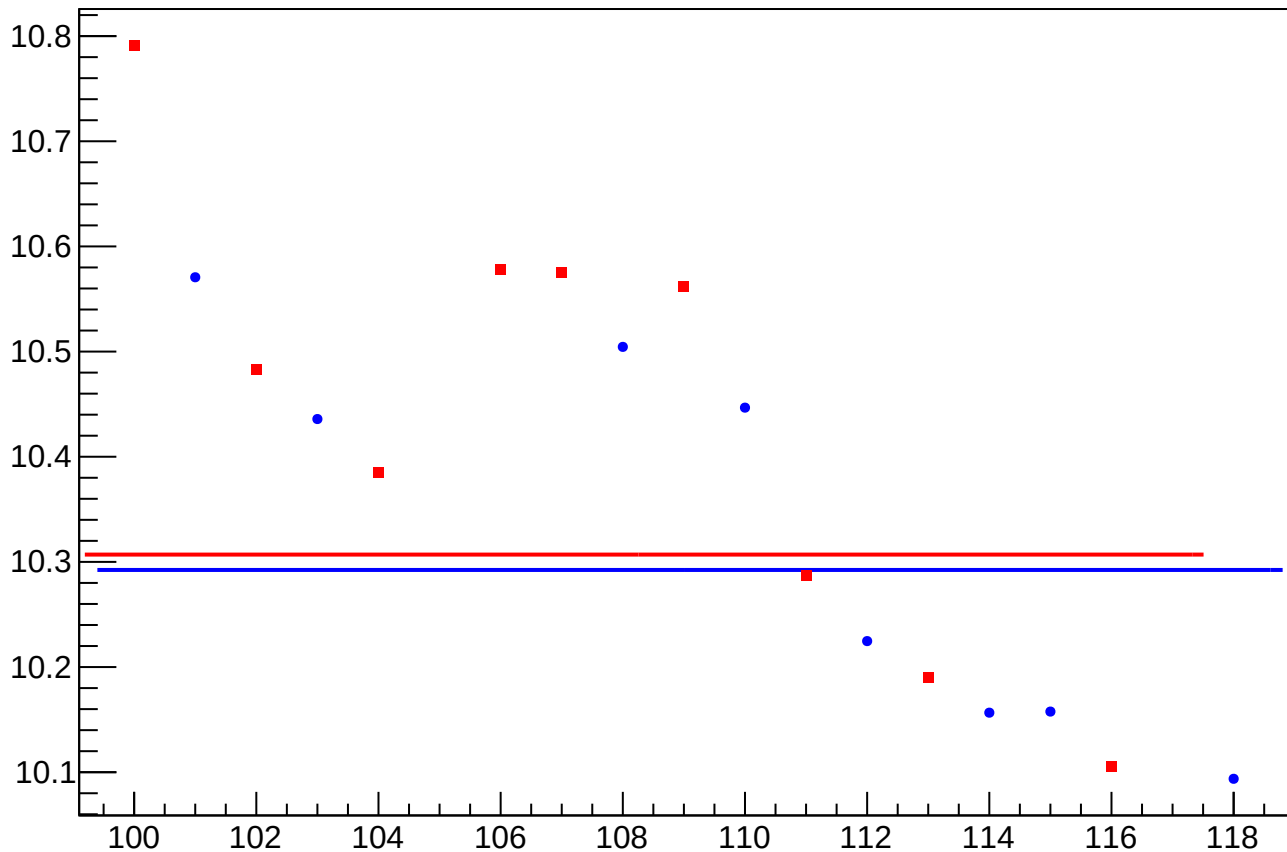
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 3801488.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam8_mean vs Slug



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: 10.307+/-0.000 χ^2/NDF : 2680848147.8/8

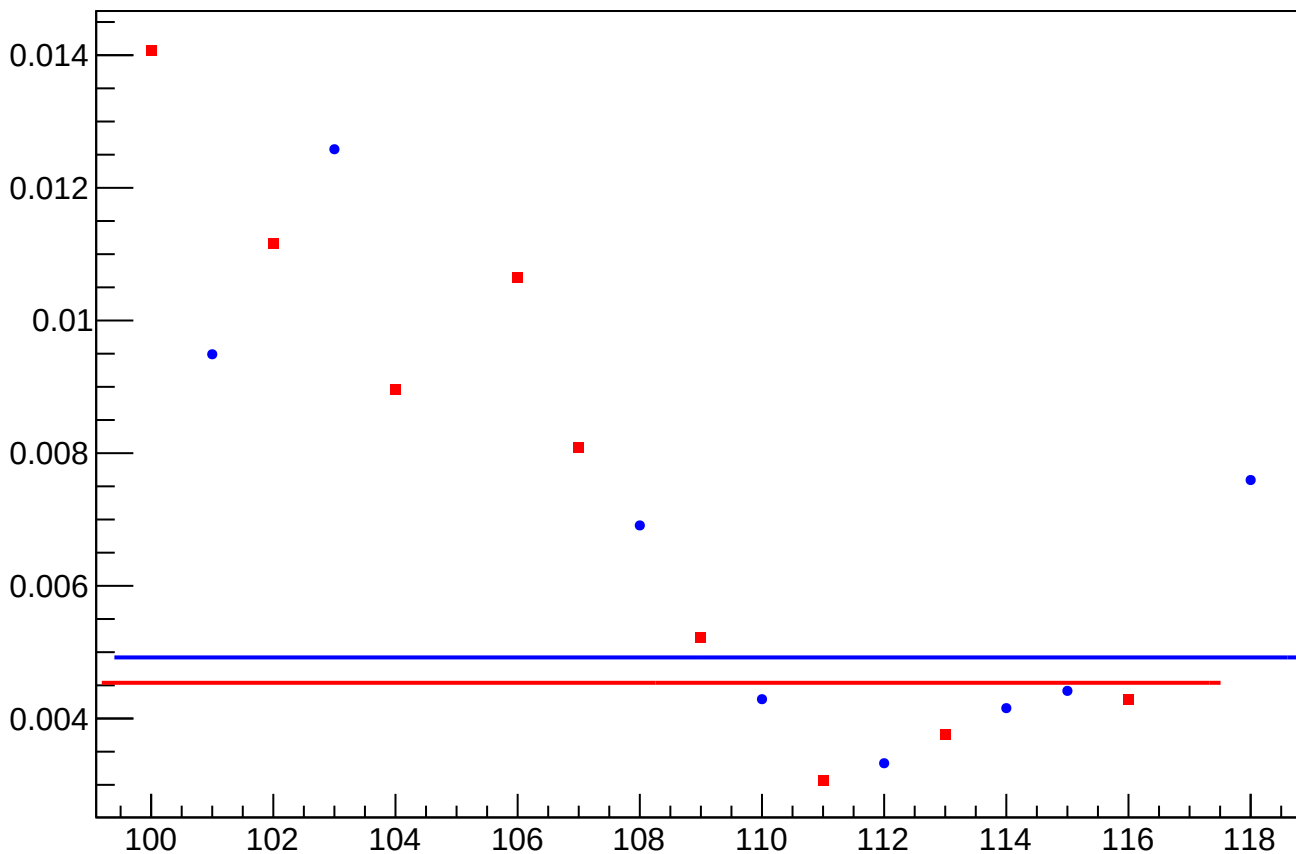
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.300+/-0.000 χ^2/NDF : 4670281316.9/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_rms vs Slug



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 1084608.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 1214170.0/8

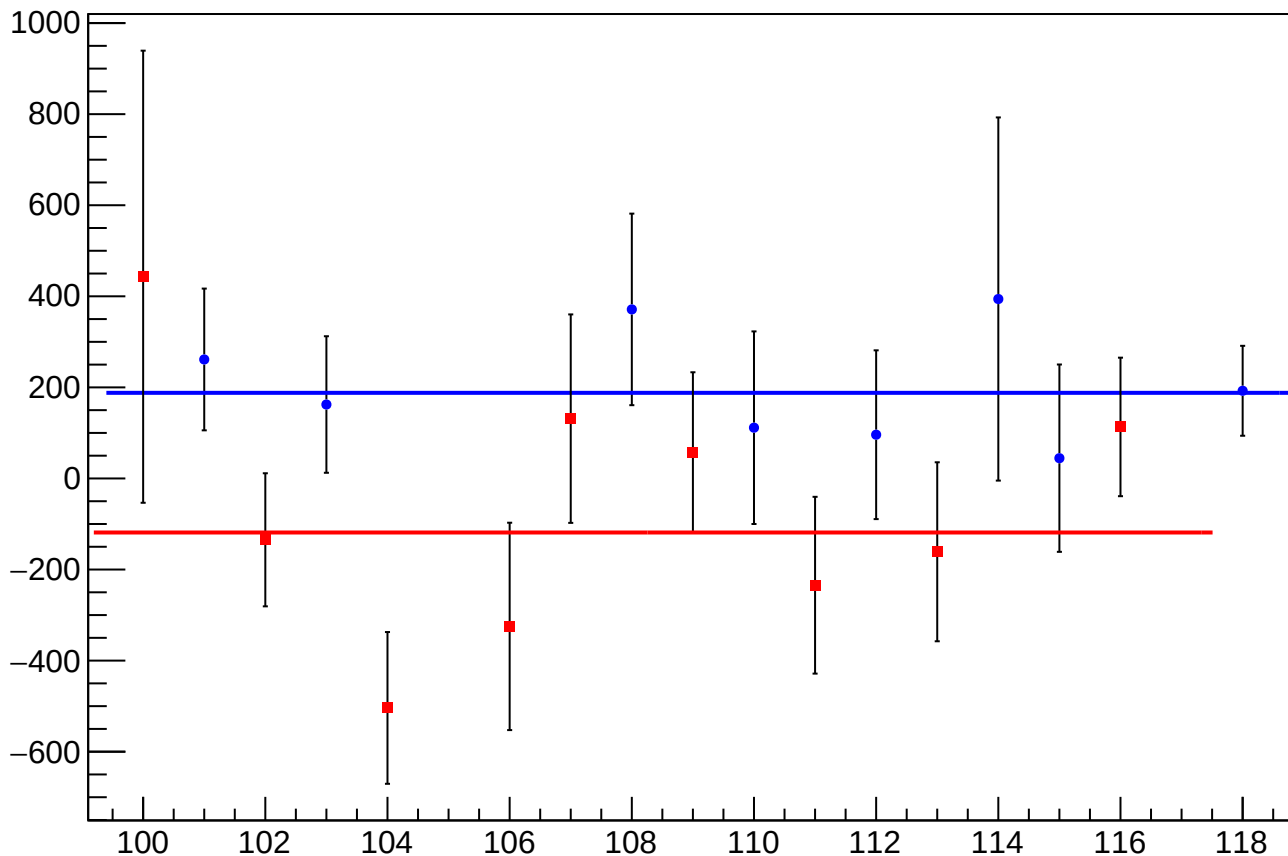
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 2314733.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_mean vs Slug



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: -118.672 $\pm$ -62.831 χ^2 /NDF: 12.4/8

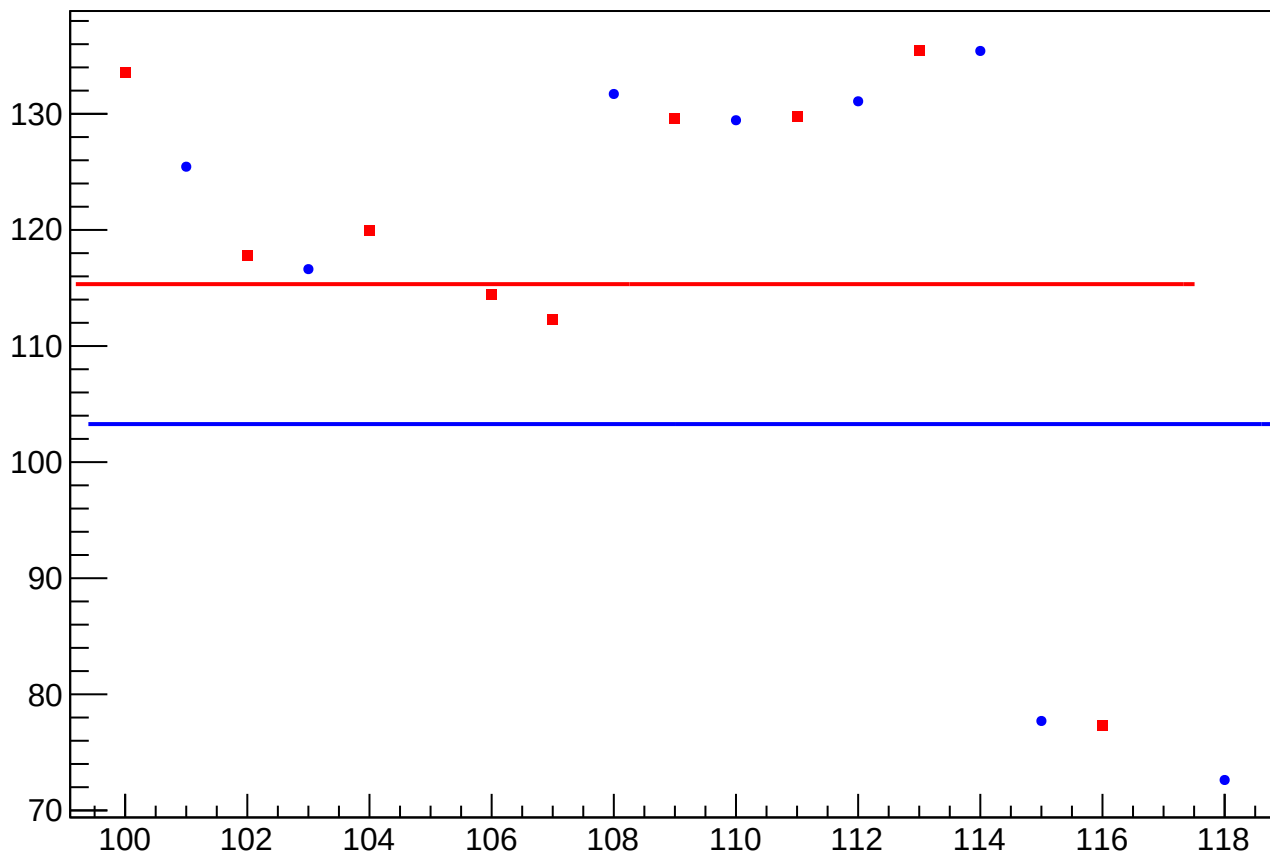
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 45.659 $\pm$ -42.809 χ^2 /NDF: 27.3/16

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 103.277 $\pm$ 0.041 χ^2 /NDF: 405358.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.331 $\pm$ 0.044 χ^2 /NDF: 175308.3/8

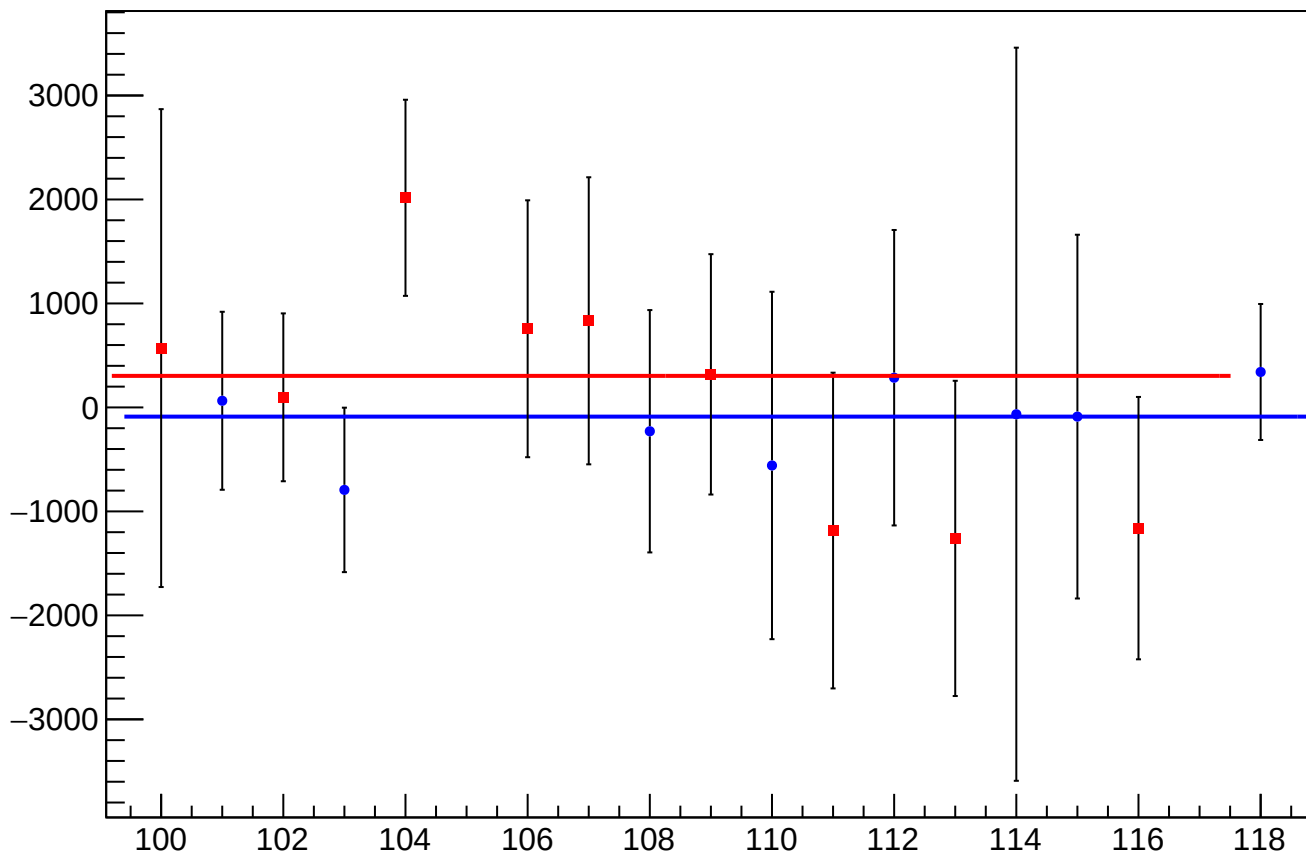
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.873 $\pm$ 0.030 χ^2 /NDF: 620111.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_correction_mean vs Slug



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: 303.365+/-399.246 χ^2/NDF : 7.0/8

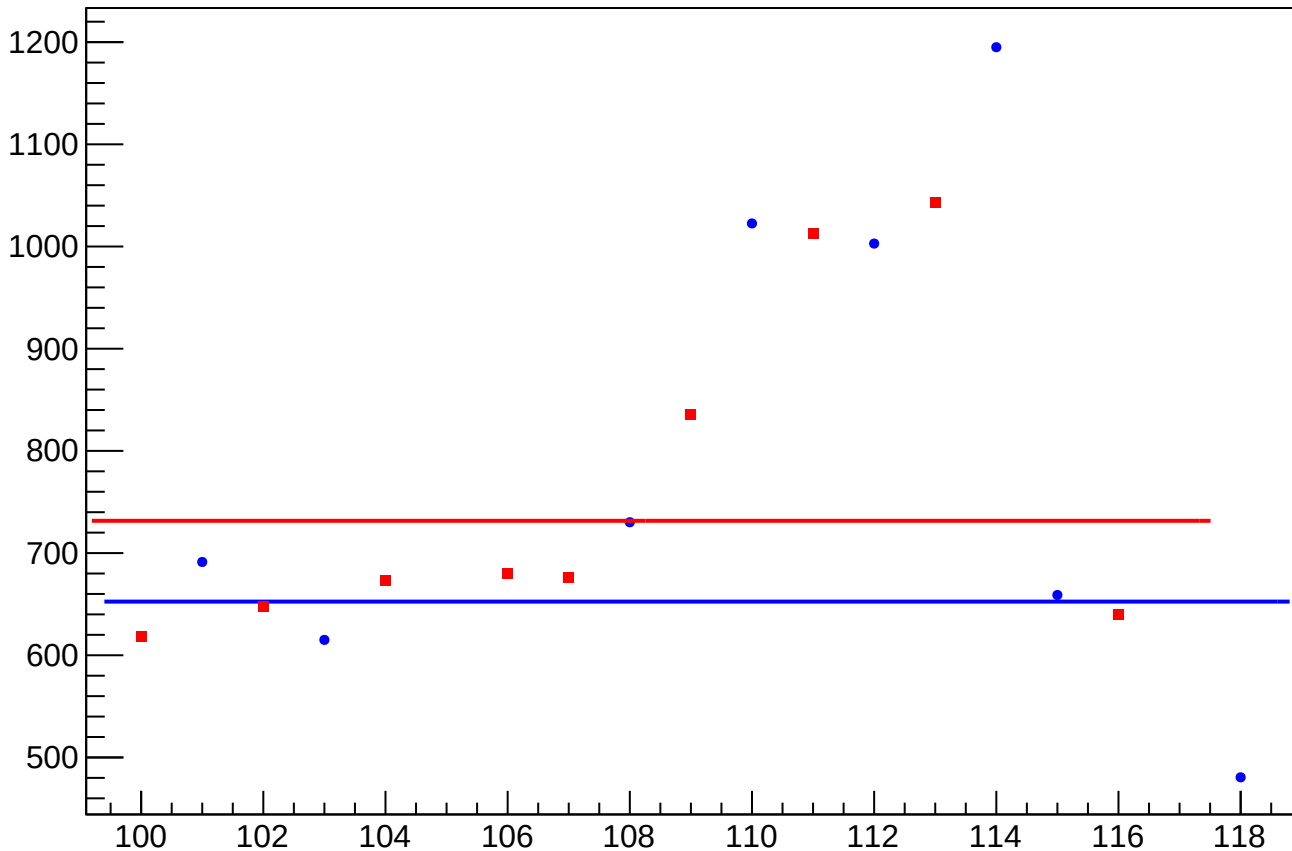
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.662+/-271.434 χ^2/NDF : 9.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 652.515 $\pm$ 0.262 χ^2 /NDF: 422906.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 731.582 $\pm$ 0.282 χ^2 /NDF: 220902.4/8

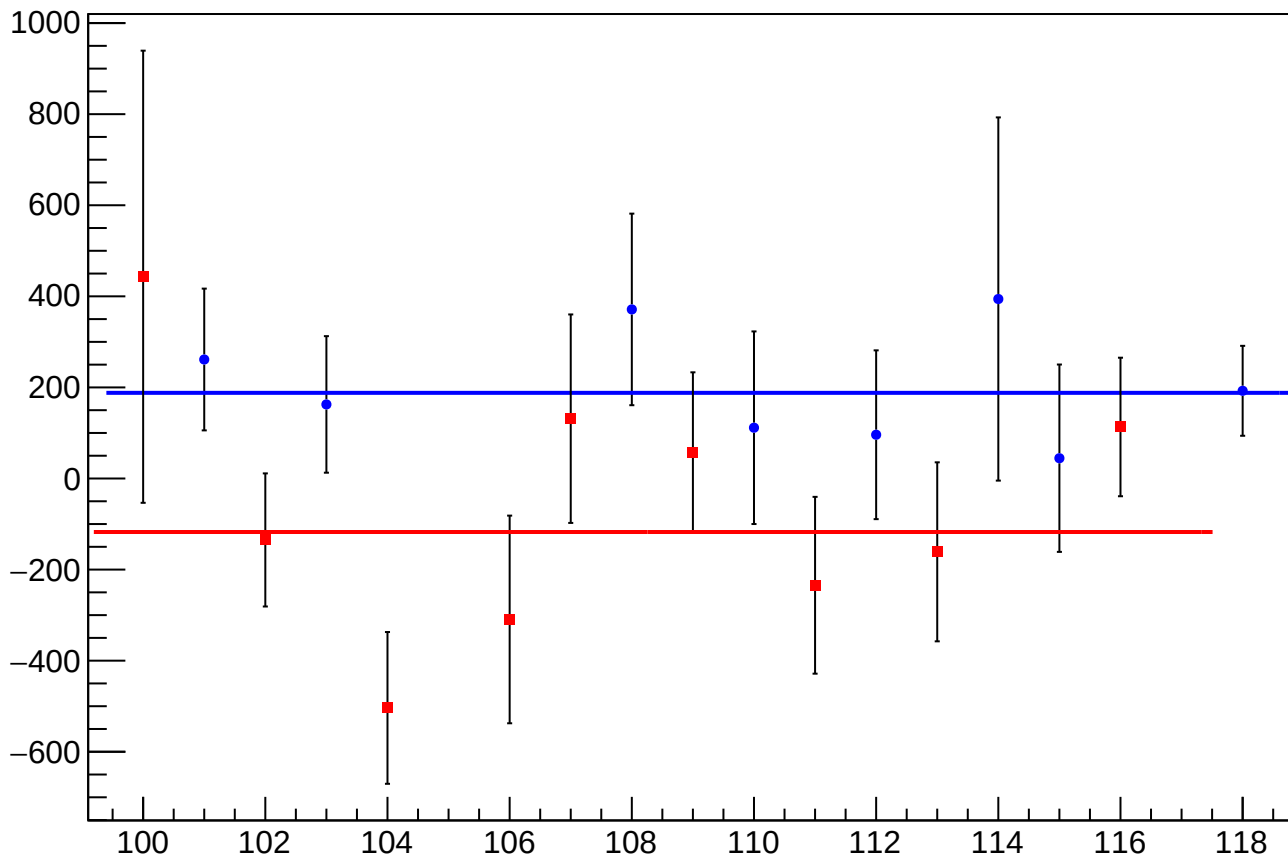
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 689.061 $\pm$ 0.192 χ^2 /NDF: 685992.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_mean vs Slug



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: -117.486 $\pm$ 62.839 χ^2 /NDF: 12.3/8

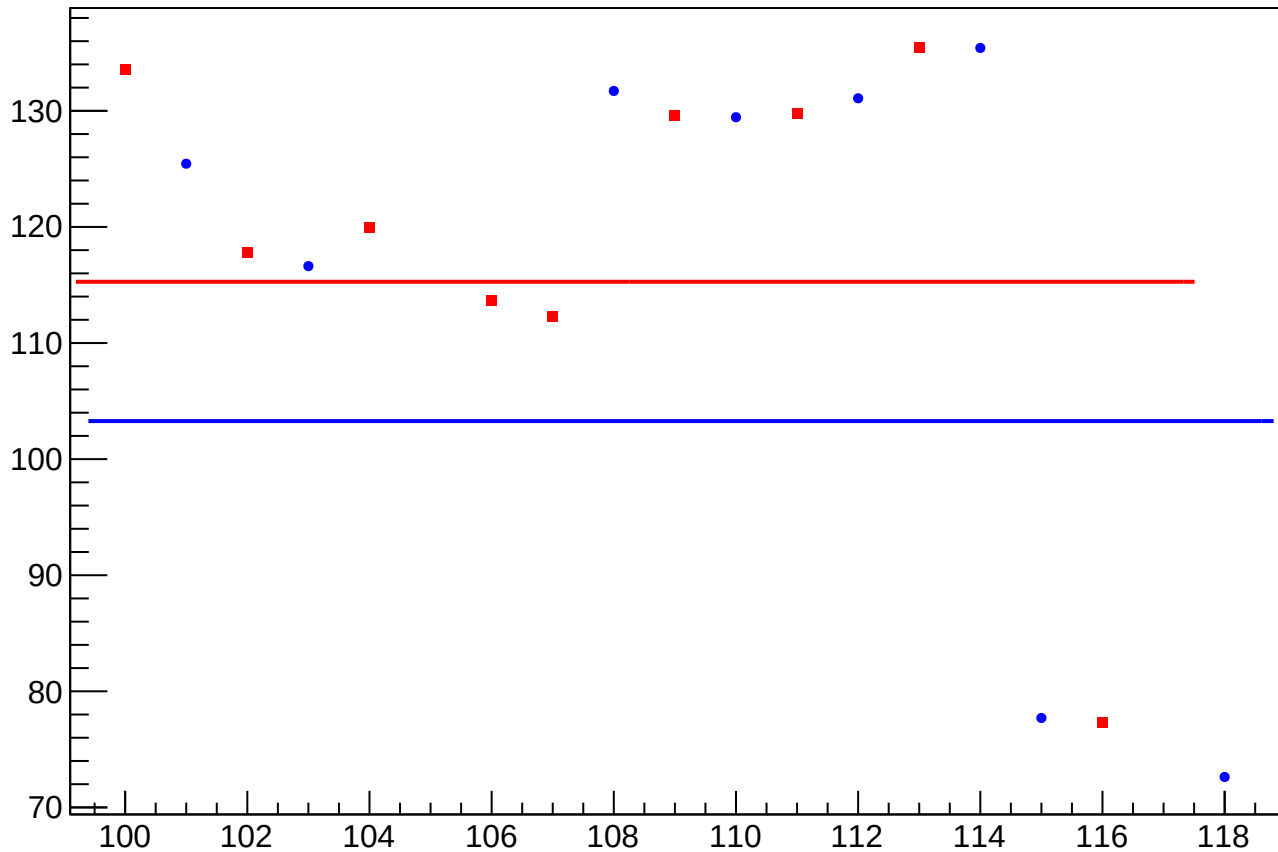
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.257 $\pm$ 42.811 χ^2 /NDF: 27.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 103.277 $\pm$ 0.041 χ^2 /NDF: 405358.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.278 $\pm$ 0.044 χ^2 /NDF: 175383.5/8

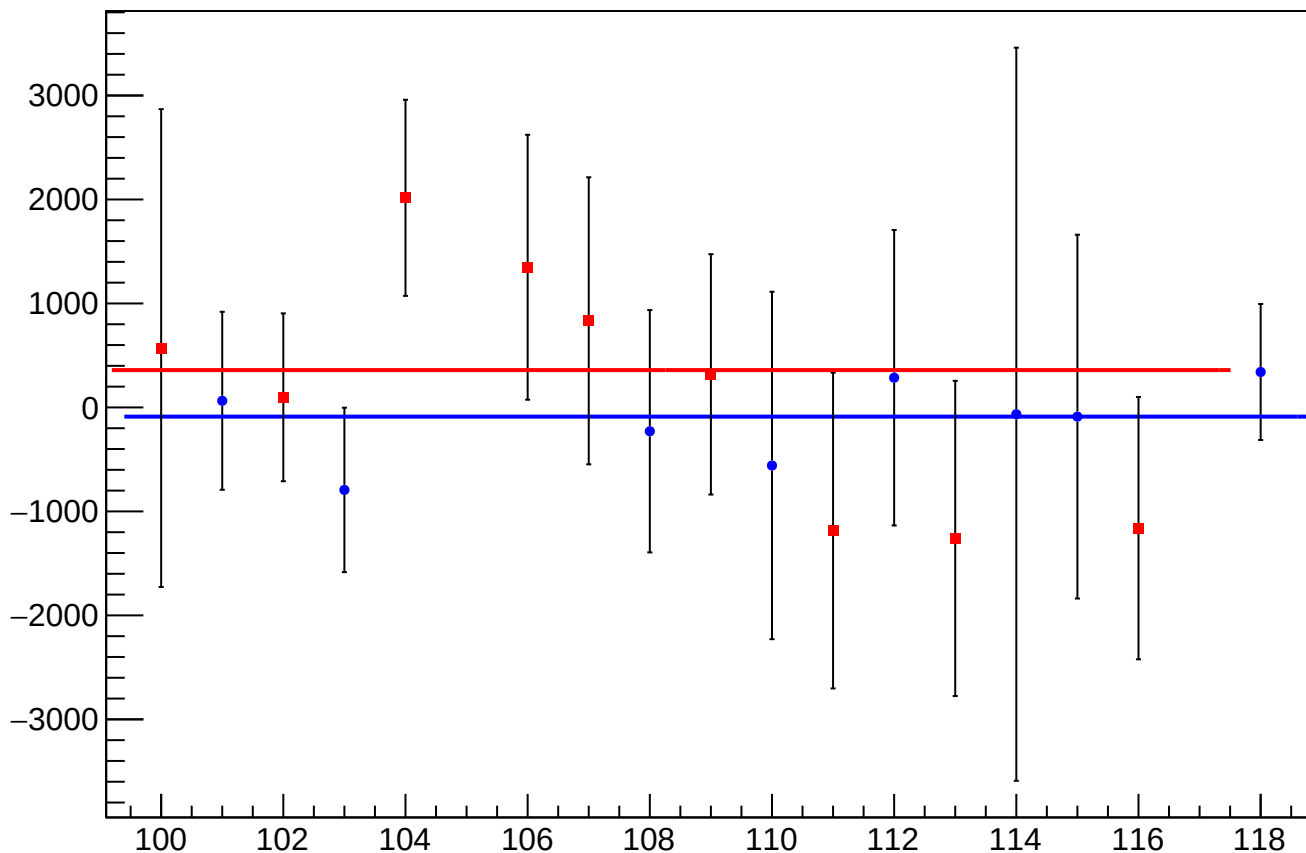
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.847 $\pm$ 0.030 χ^2 /NDF: 619830.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



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: 359.115+/-400.506 χ^2/NDF : 7.5/8

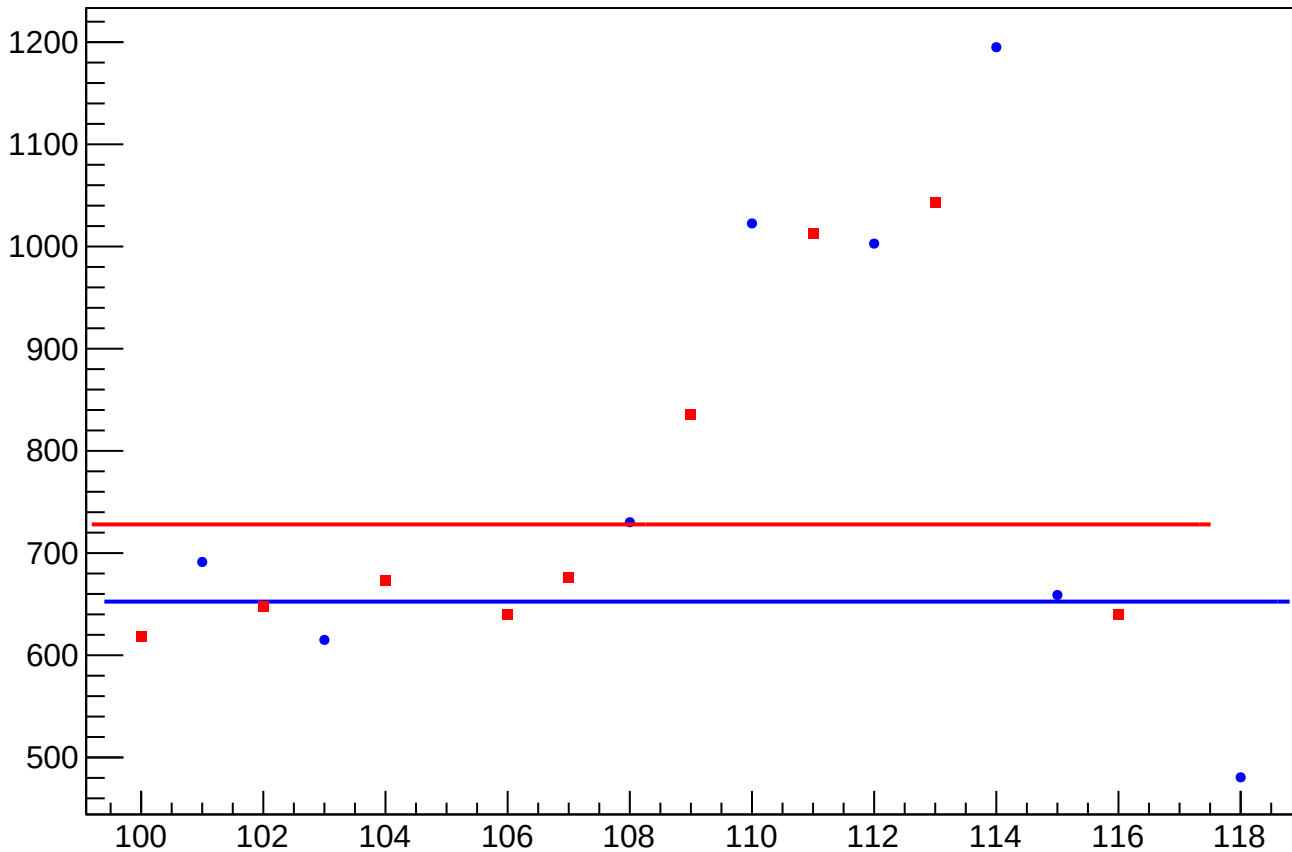
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.735+/-271.829 χ^2/NDF : 9.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 652.514 $\pm$ 0.262 χ^2 /NDF: 422907.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 728.034 $\pm$ 0.283 χ^2 /NDF: 227454.4/8

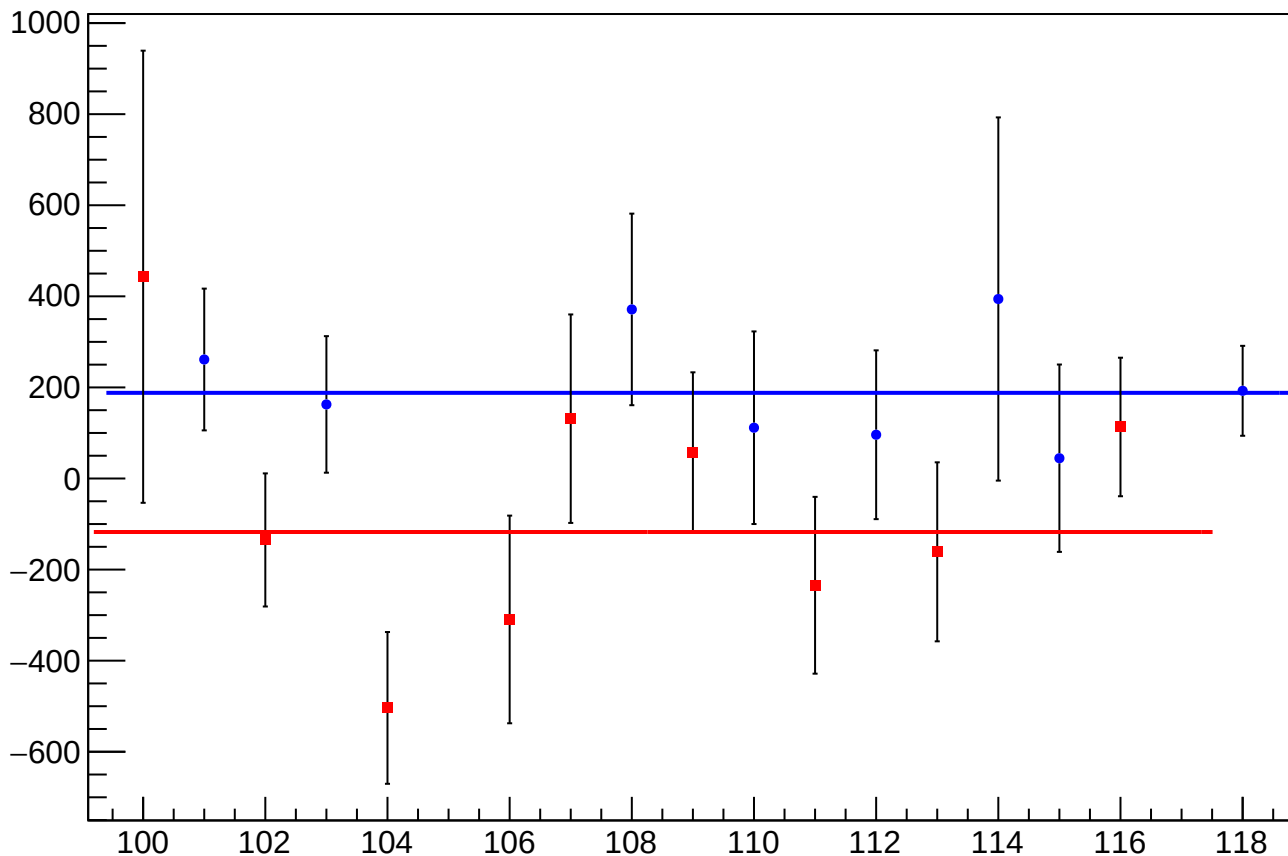
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 687.303 $\pm$ 0.192 χ^2 /NDF: 688714.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_mean vs Slug



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: -117.486 $\pm$ 62.839 χ^2 /NDF: 12.3/8

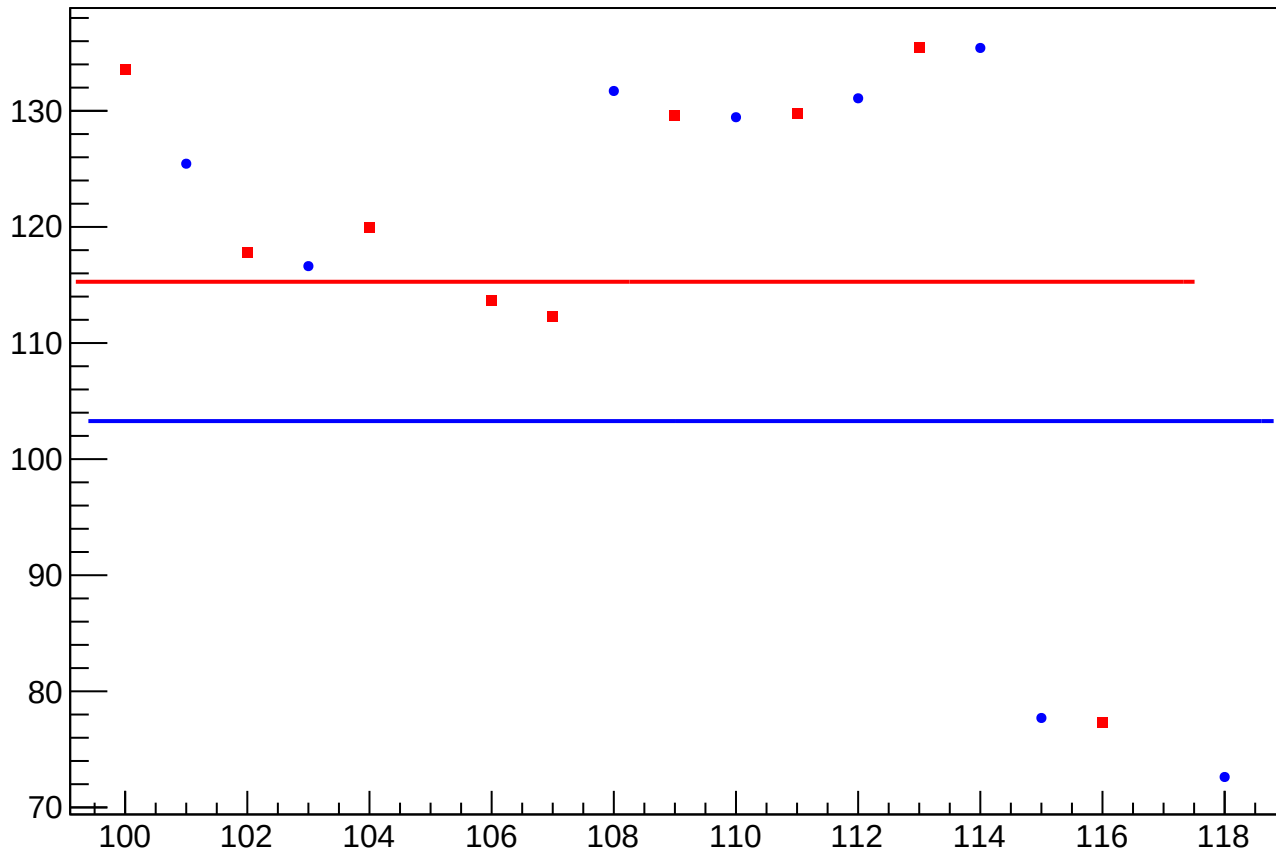
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.257 $\pm$ 42.811 χ^2 /NDF: 27.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 103.277 $\pm$ 0.041 χ^2 /NDF: 405358.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.278 $\pm$ 0.044 χ^2 /NDF: 175383.5/8

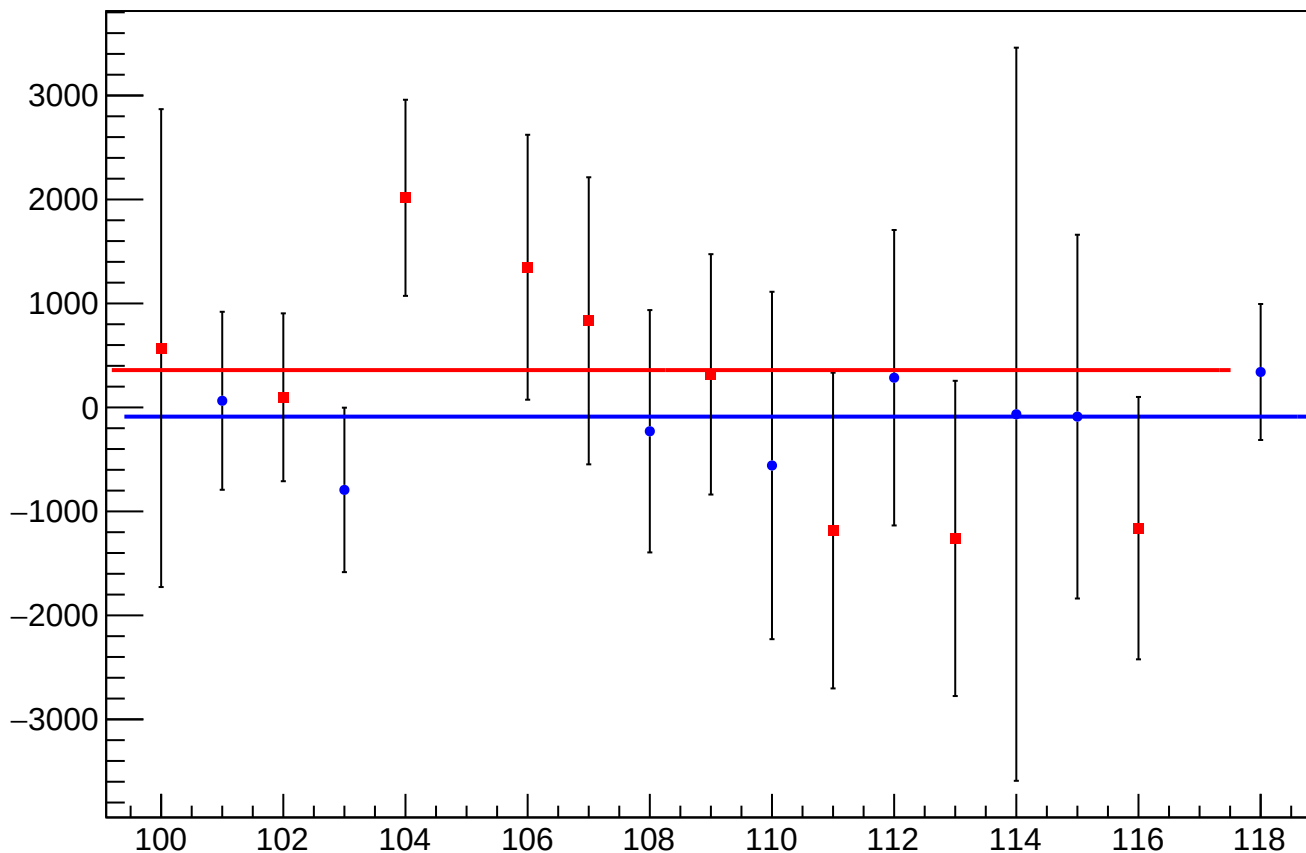
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.847 $\pm$ 0.030 χ^2 /NDF: 619830.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



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: 359.115+/-400.506 χ^2/NDF : 7.5/8

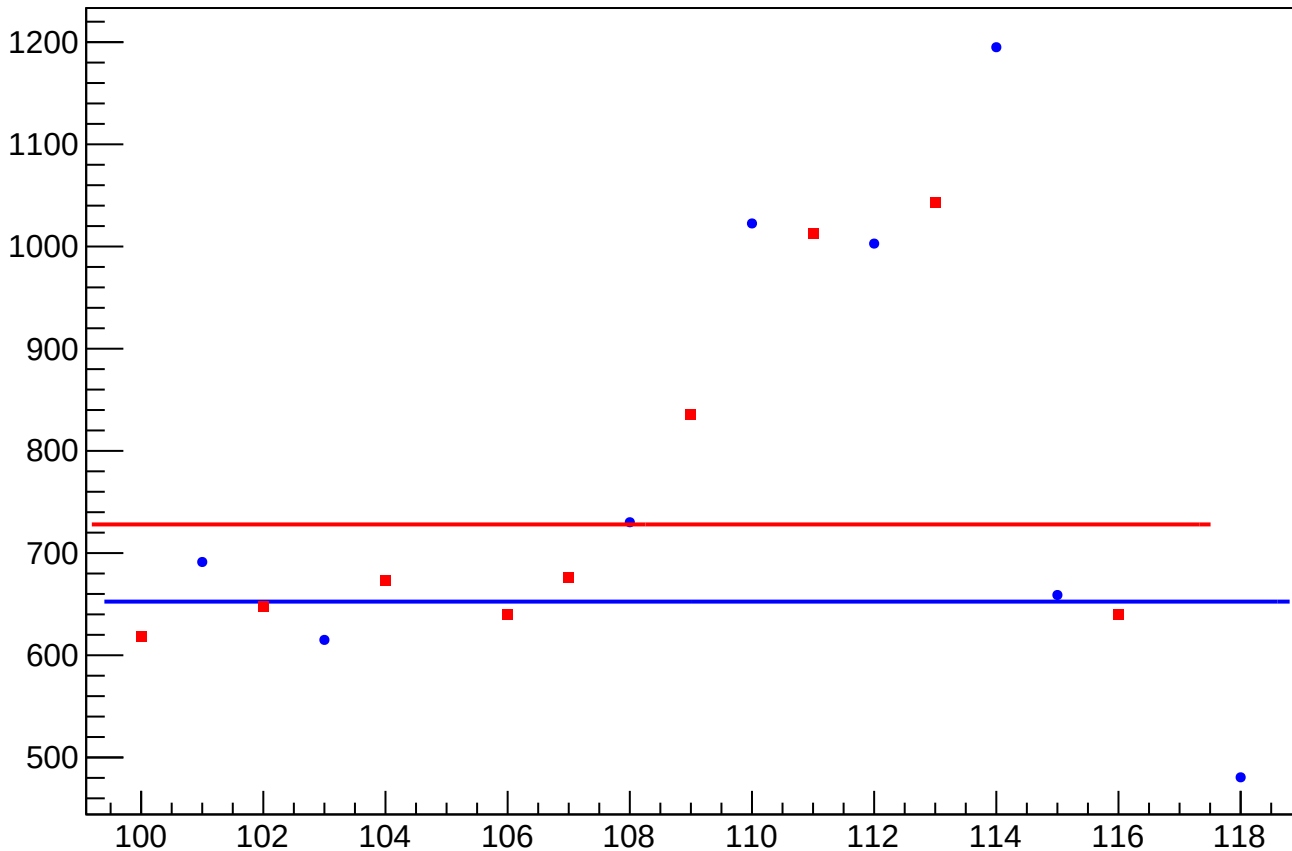
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.735+/-271.829 χ^2/NDF : 9.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 652.514 $\pm$ 0.262 χ^2 /NDF: 422907.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 728.034 $\pm$ 0.283 χ^2 /NDF: 227454.4/8

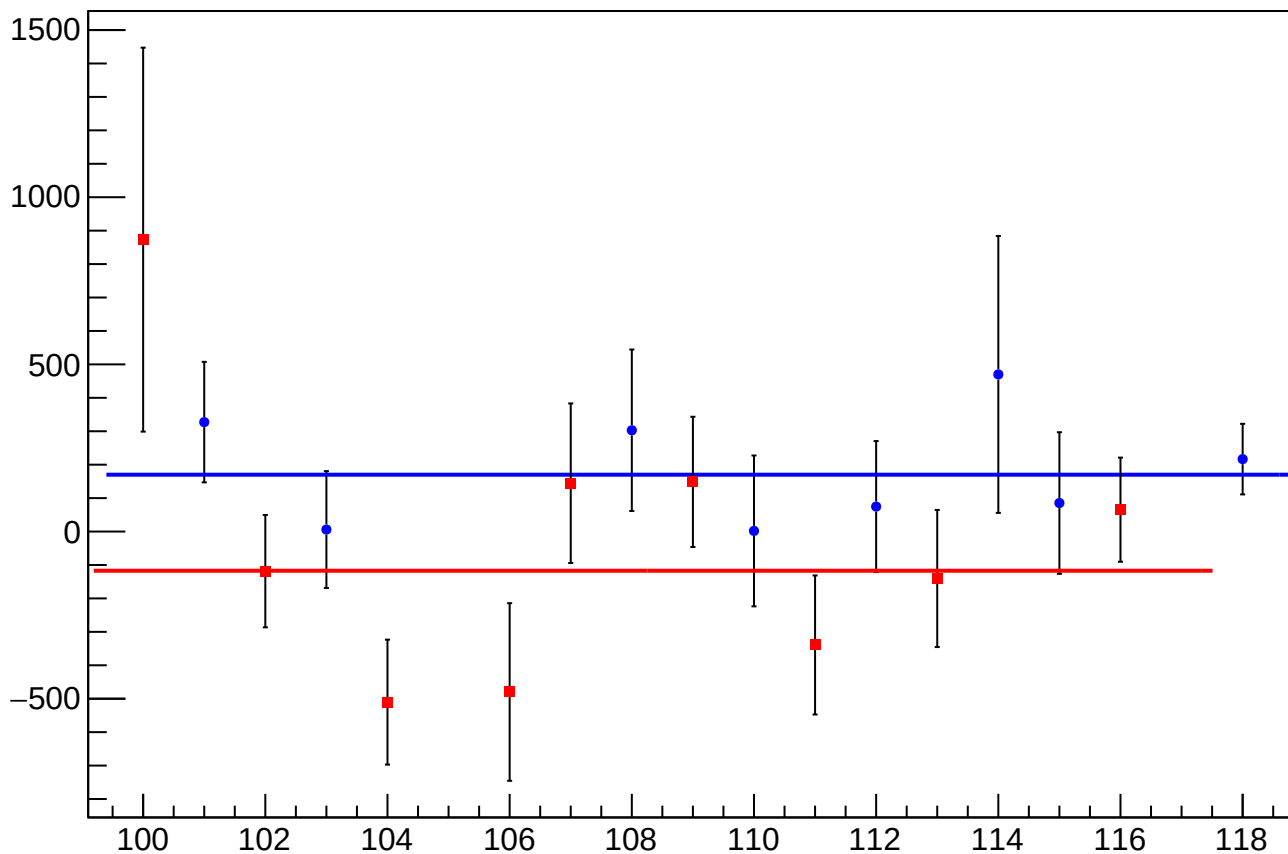
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 687.303 $\pm$ 0.192 χ^2 /NDF: 688714.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_mean vs Slug



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: -117.209 $\pm$ 68.473 χ^2 /NDF: 14.9/8

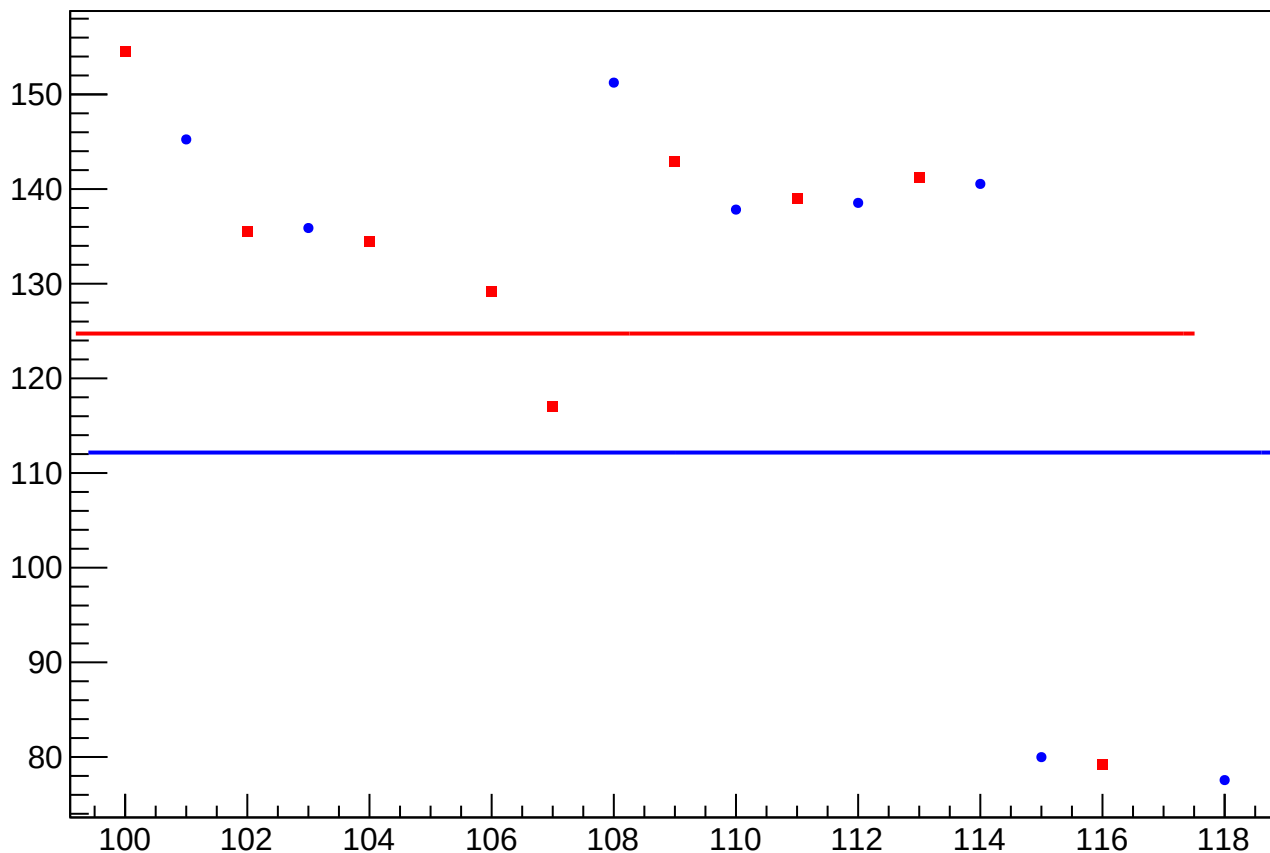
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.139 $\pm$ 46.750 χ^2 /NDF: 27.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_rms vs Slug



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: 124.735 $\pm$ 0.048 χ^2 /NDF: 232400.0/8

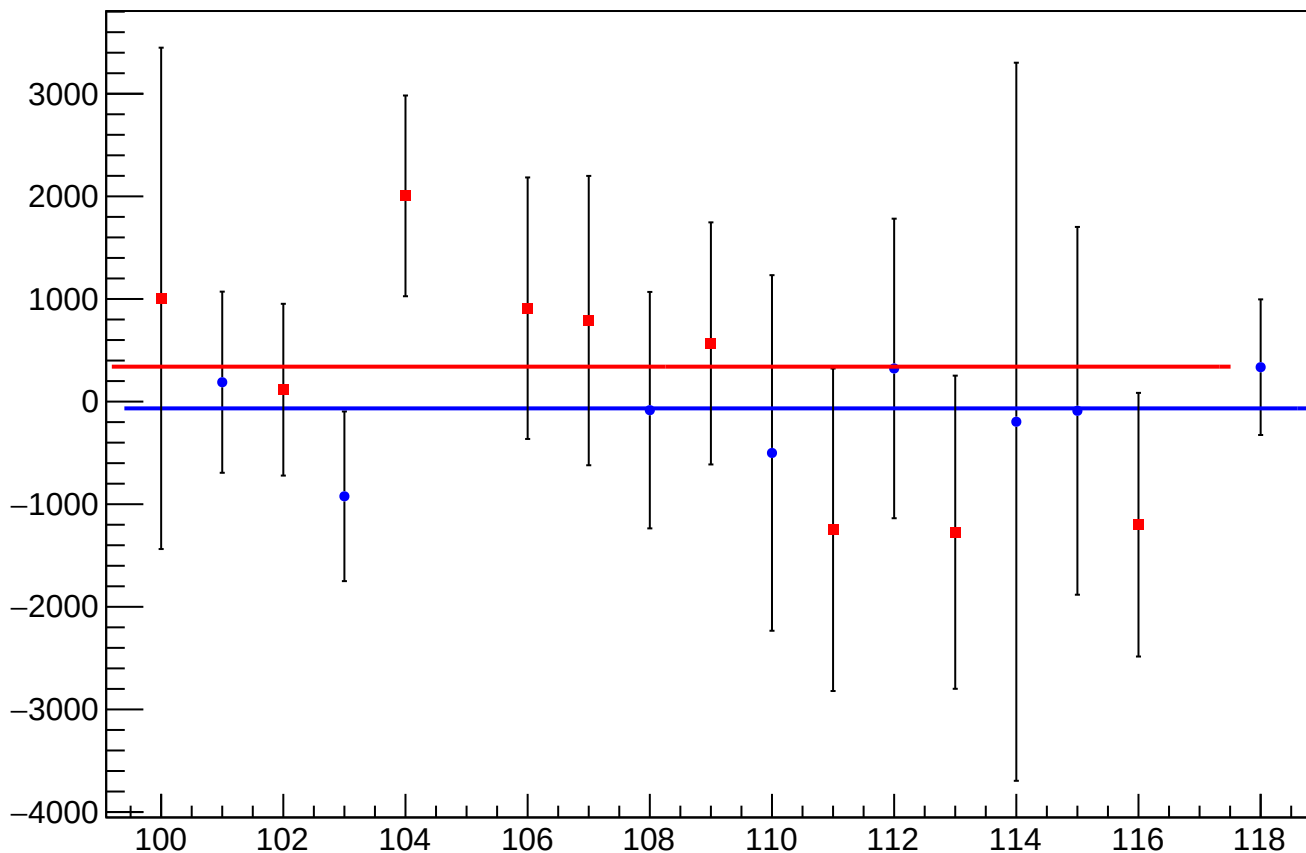
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.024 $\pm$ 0.033 χ^2 /NDF: 757630.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



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: 340.492+/-411.063 χ^2/NDF : 7.0/8

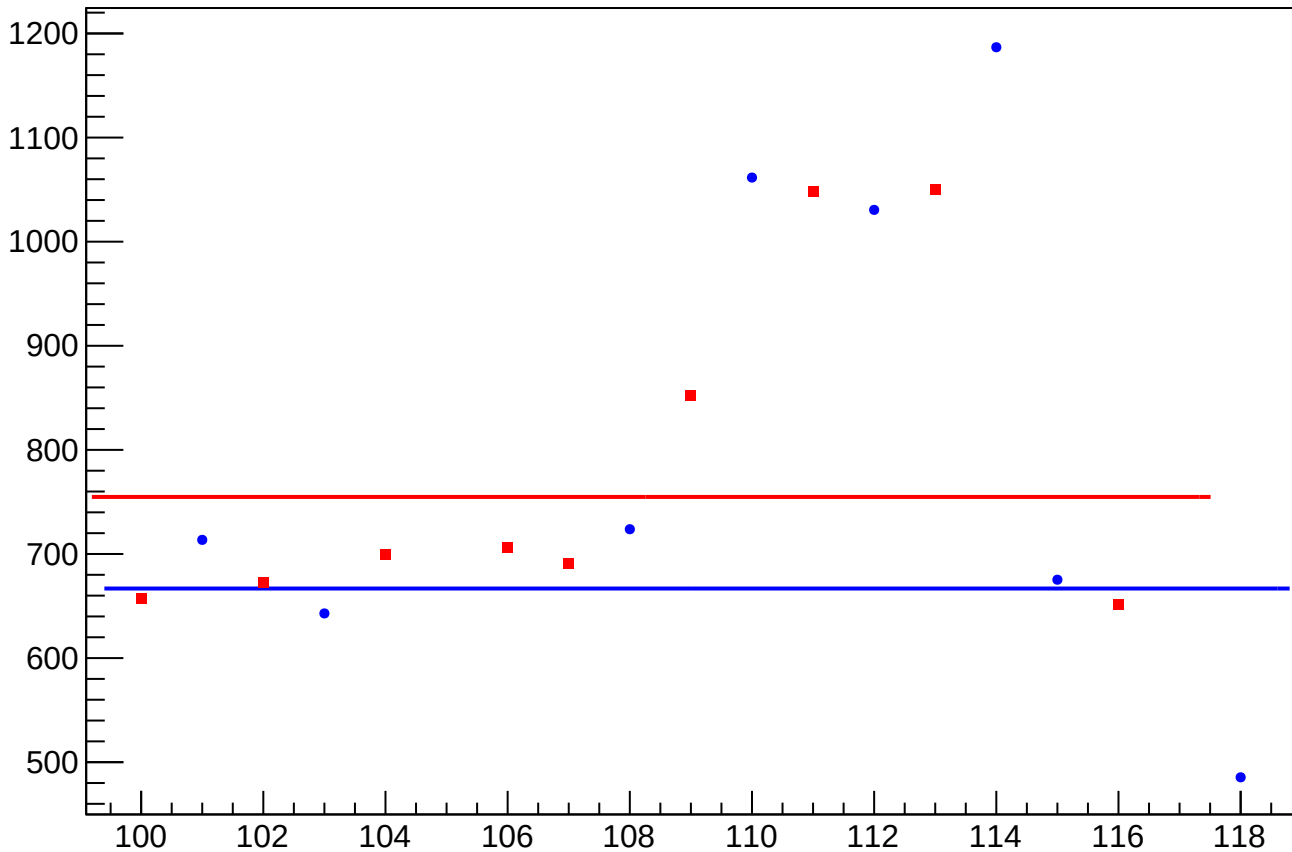
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.372+/-278.390 χ^2/NDF : 9.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 666.823 $\pm$ 0.268 χ^2 /NDF: 434986.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 754.806 $\pm$ 0.291 χ^2 /NDF: 207340.7/8

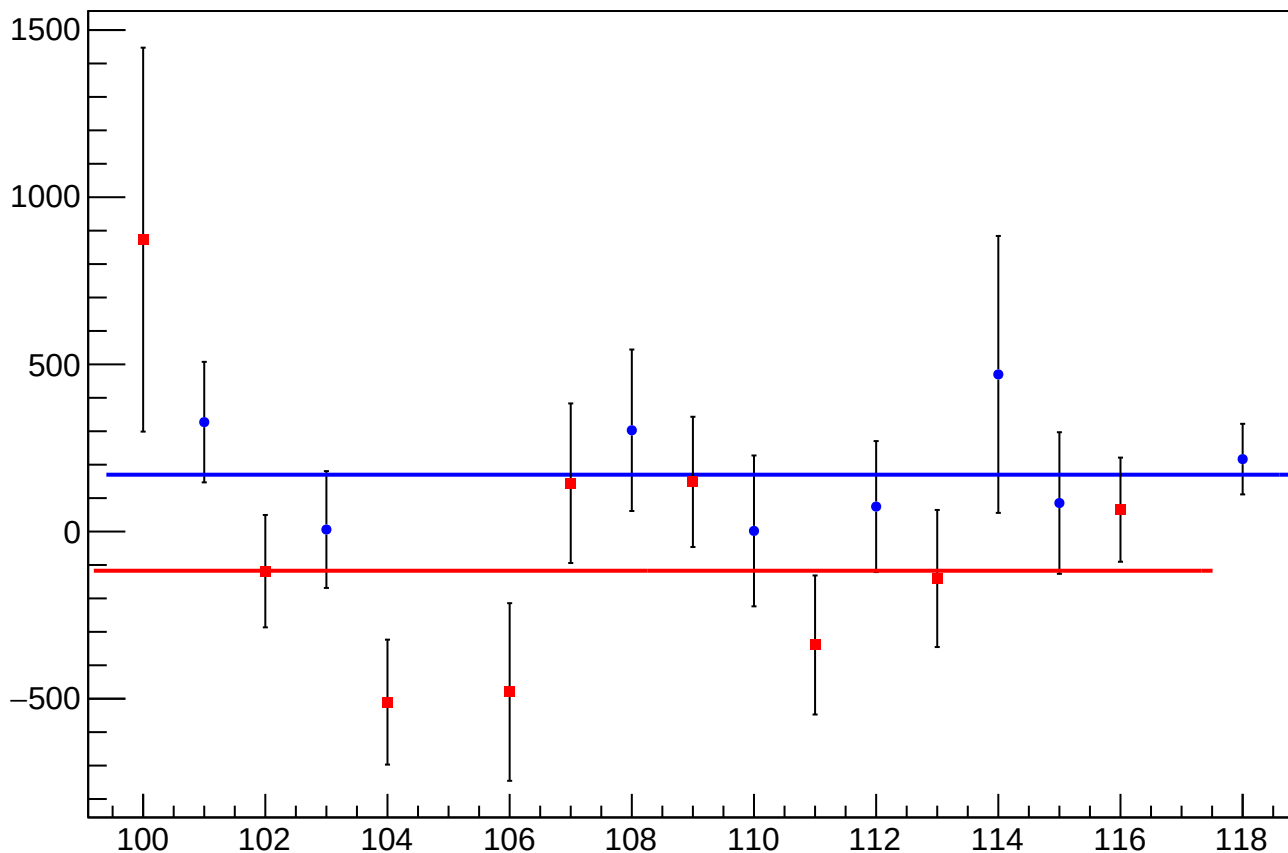
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 707.177 $\pm$ 0.197 χ^2 /NDF: 691926.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



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: -117.209 $\pm$ 68.473 χ^2 /NDF: 14.9/8

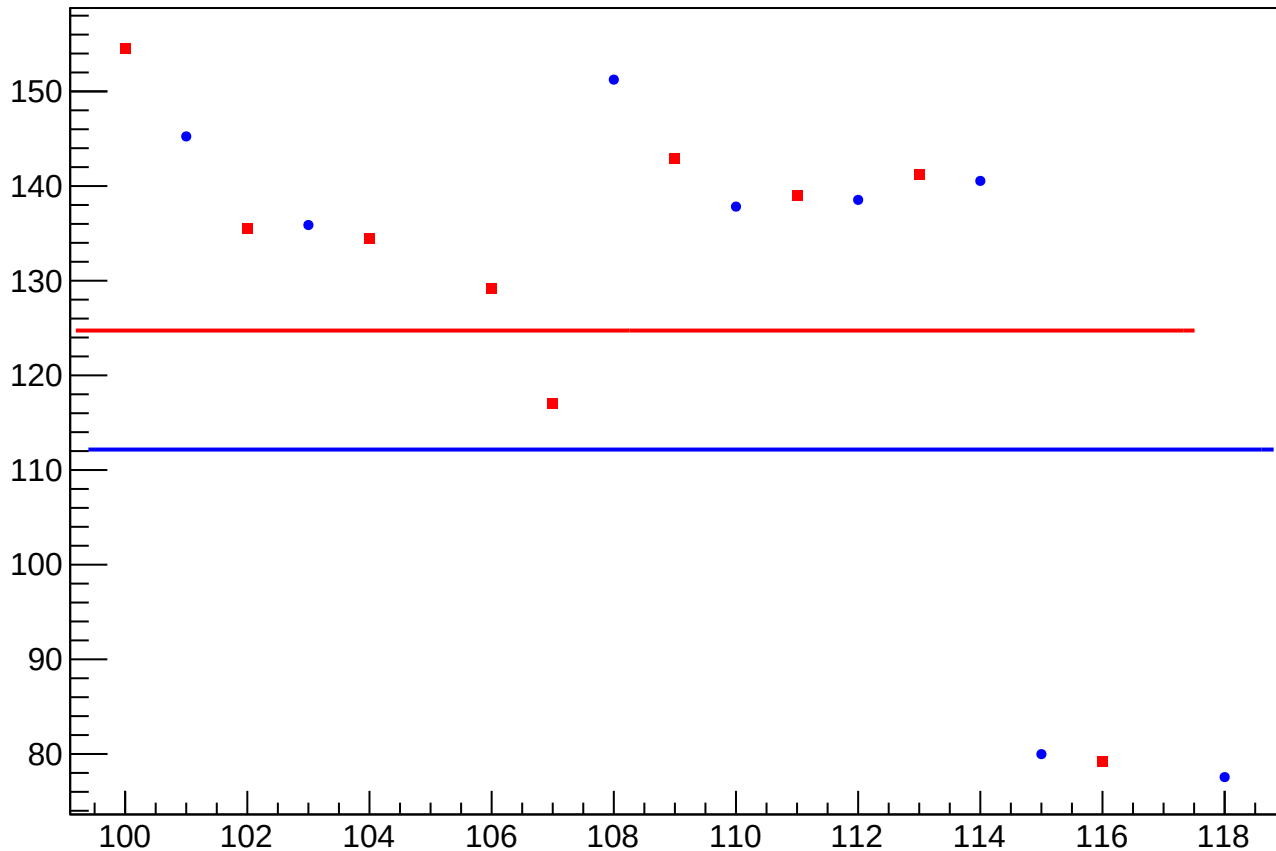
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.139 $\pm$ 46.750 χ^2 /NDF: 27.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



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: 124.735 $\pm$ 0.048 χ^2 /NDF: 232399.2/8

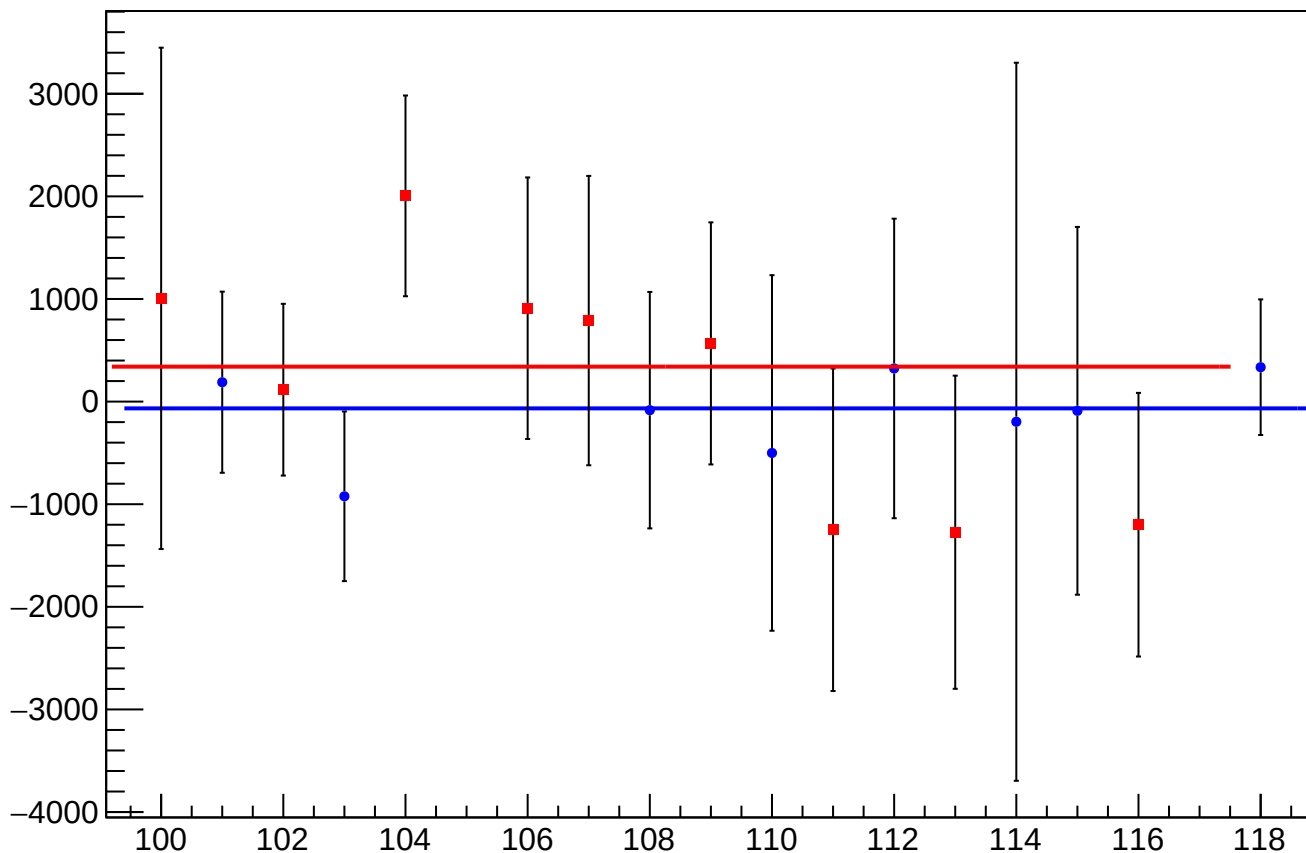
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.024 $\pm$ 0.033 χ^2 /NDF: 757629.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



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: 340.492+/-411.063 χ^2/NDF : 7.0/8

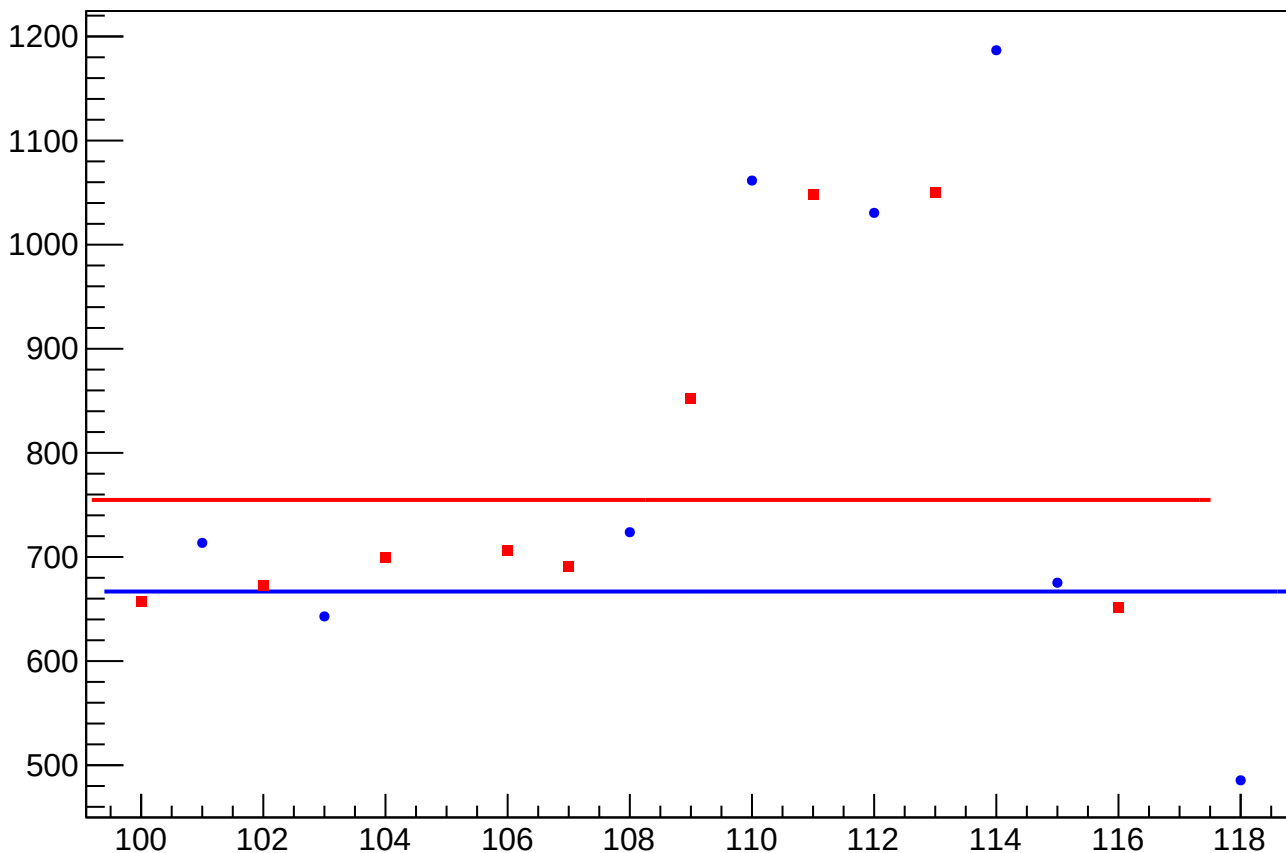
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.371+/-278.390 χ^2/NDF : 9.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



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: 754.805 $\pm$ 0.291 χ^2 /NDF: 207340.3/8

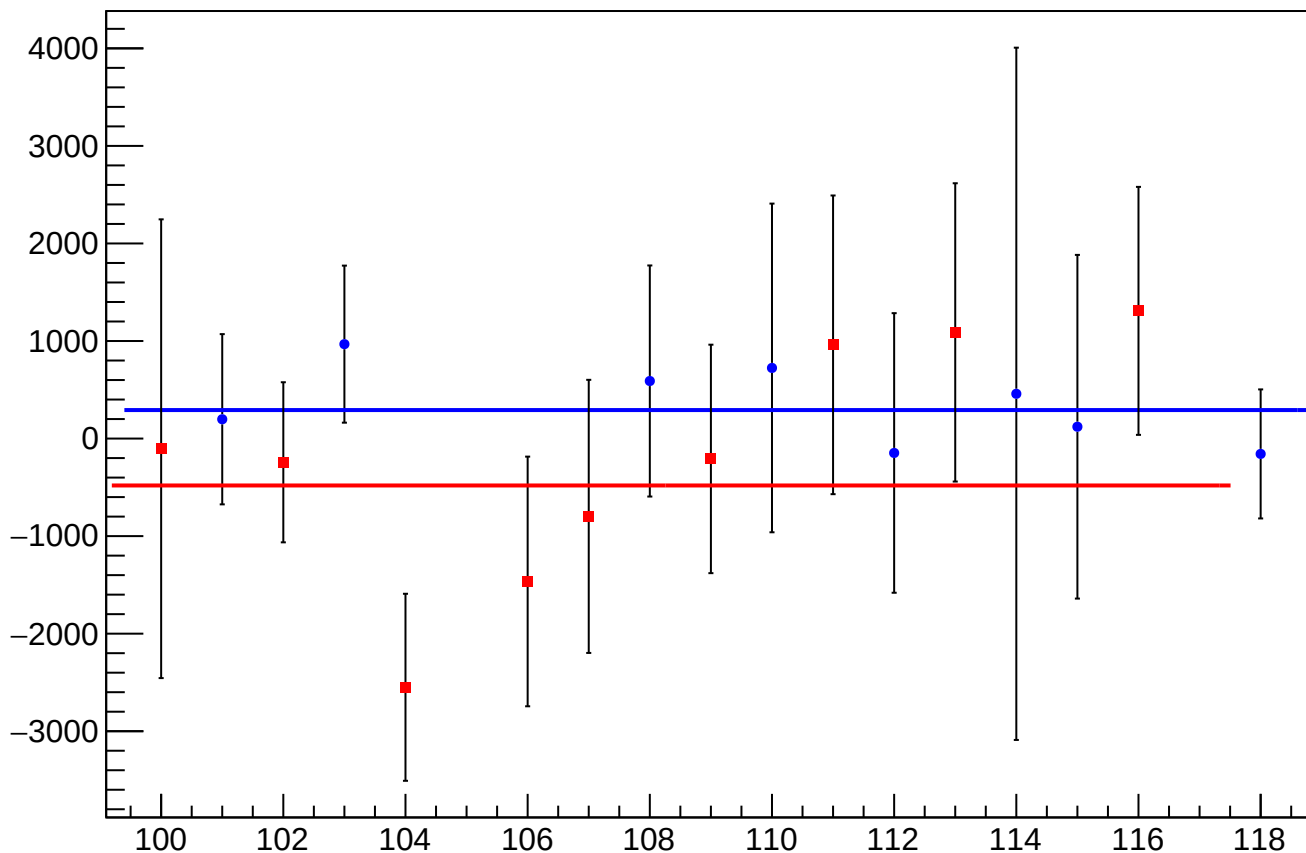
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 707.177 $\pm$ 0.197 χ^2 /NDF: 691927.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_mean vs Slug



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: -480.868+/-405.620 χ^2/NDF : 9.4/8

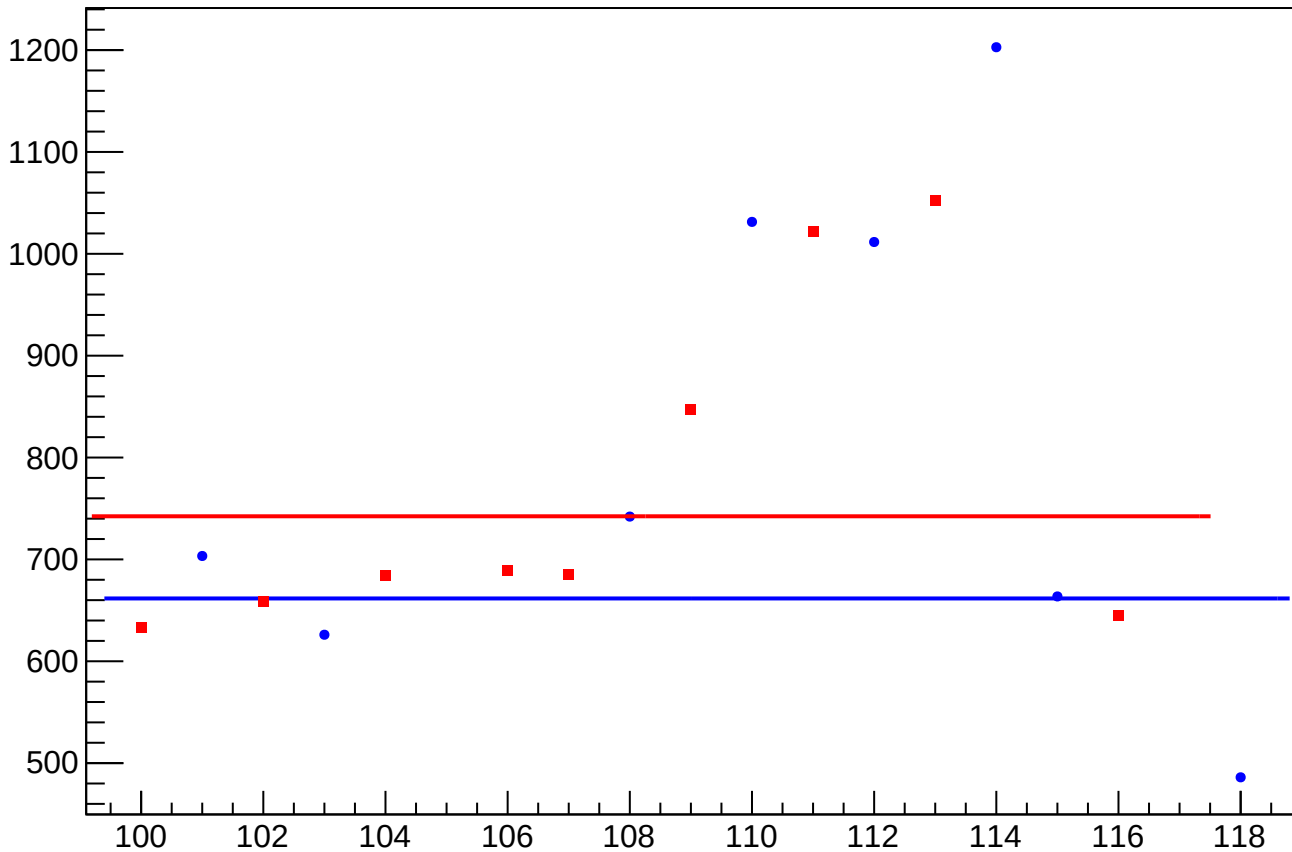
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.488+/-275.509 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_rms vs Slug



Right In: 661.661 $\pm$ 0.265 χ^2 /NDF: 420729.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 742.327 $\pm$ 0.287 χ^2 /NDF: 215748.6/8

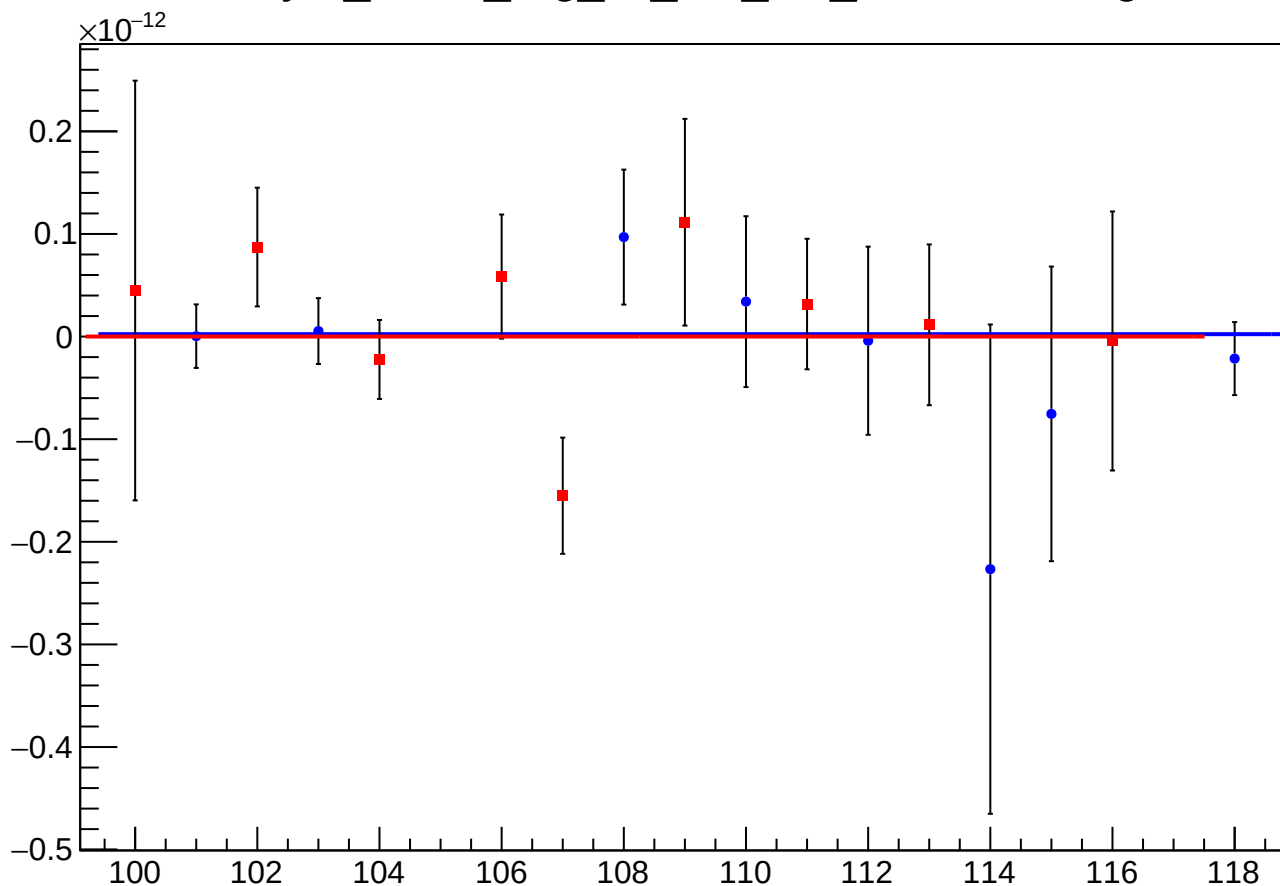
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 698.877 $\pm$ 0.195 χ^2 /NDF: 679084.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 12.6/8

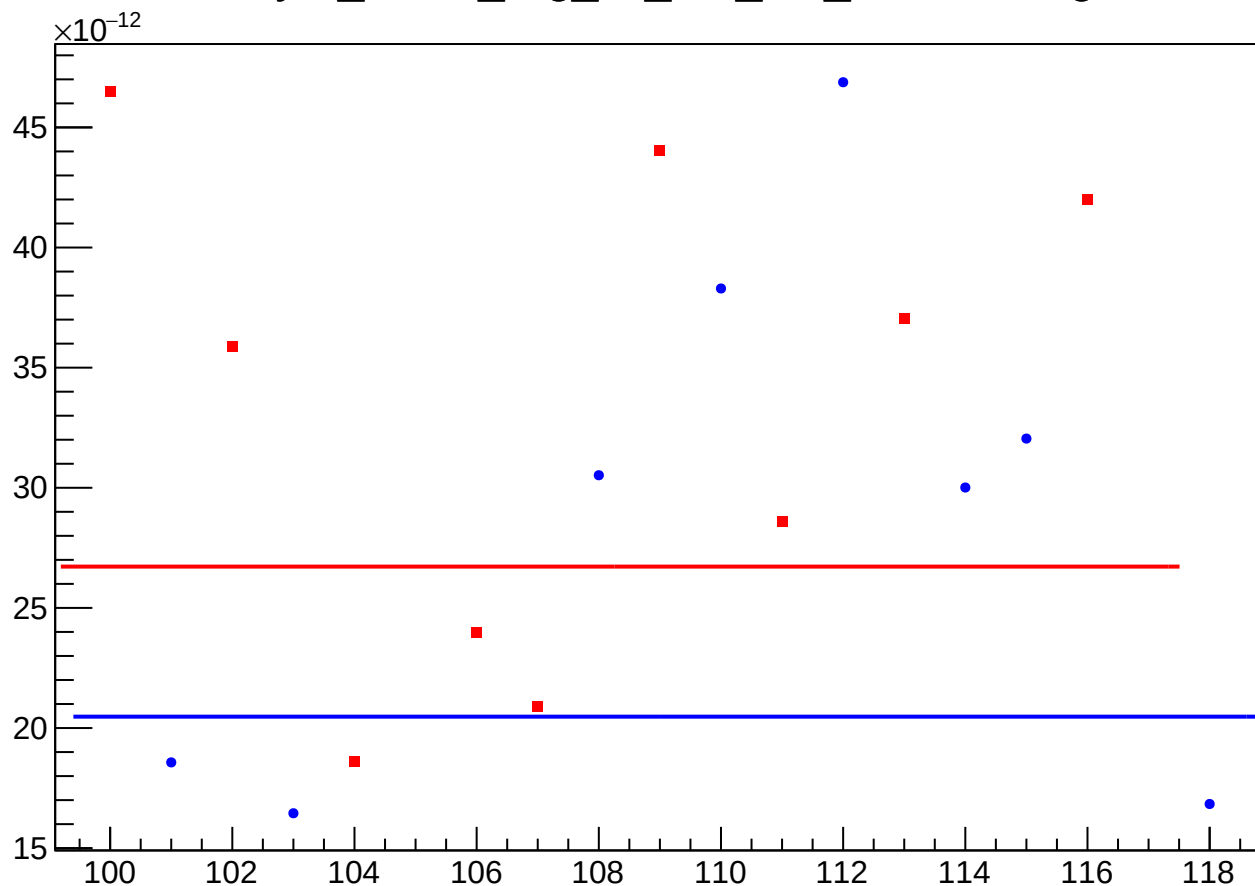
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



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 : 308017.7/8

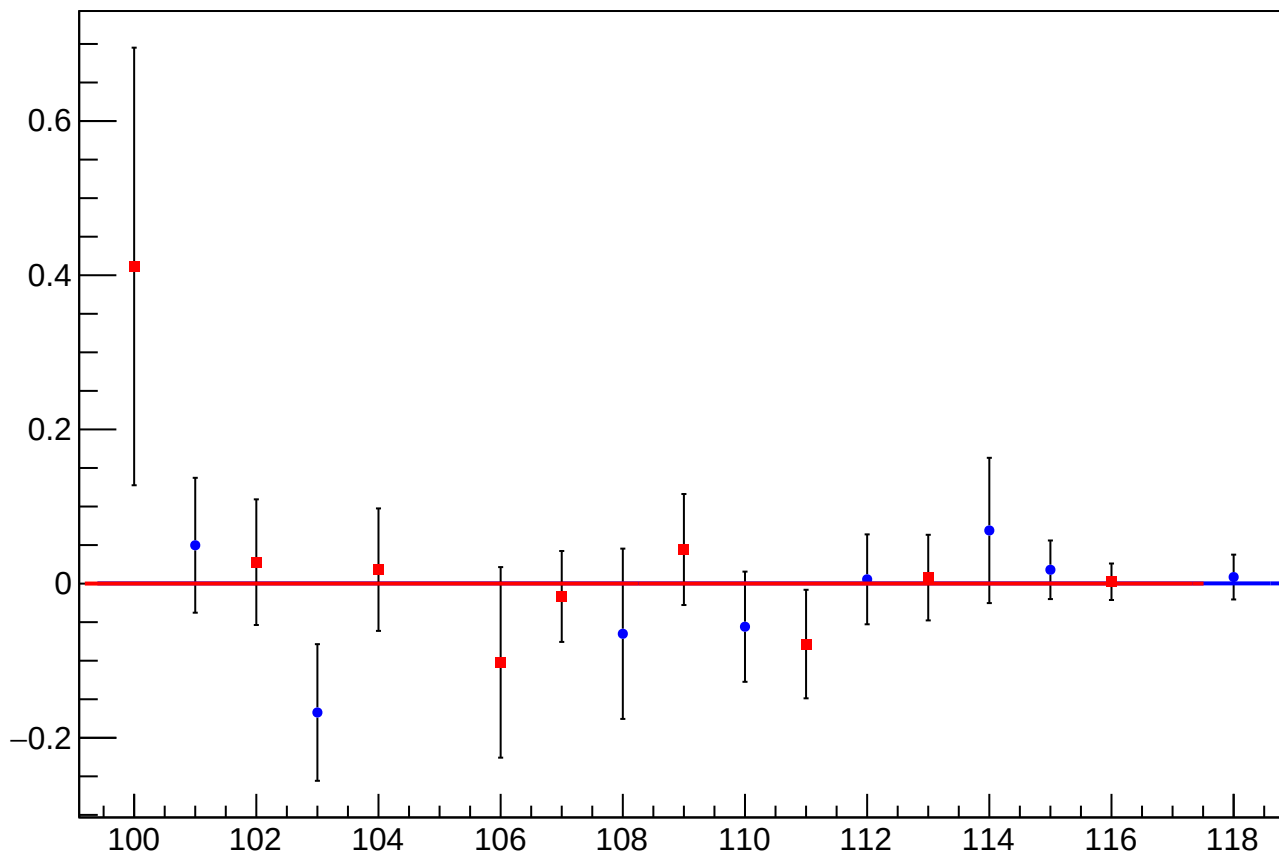
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 790849.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



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: 0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

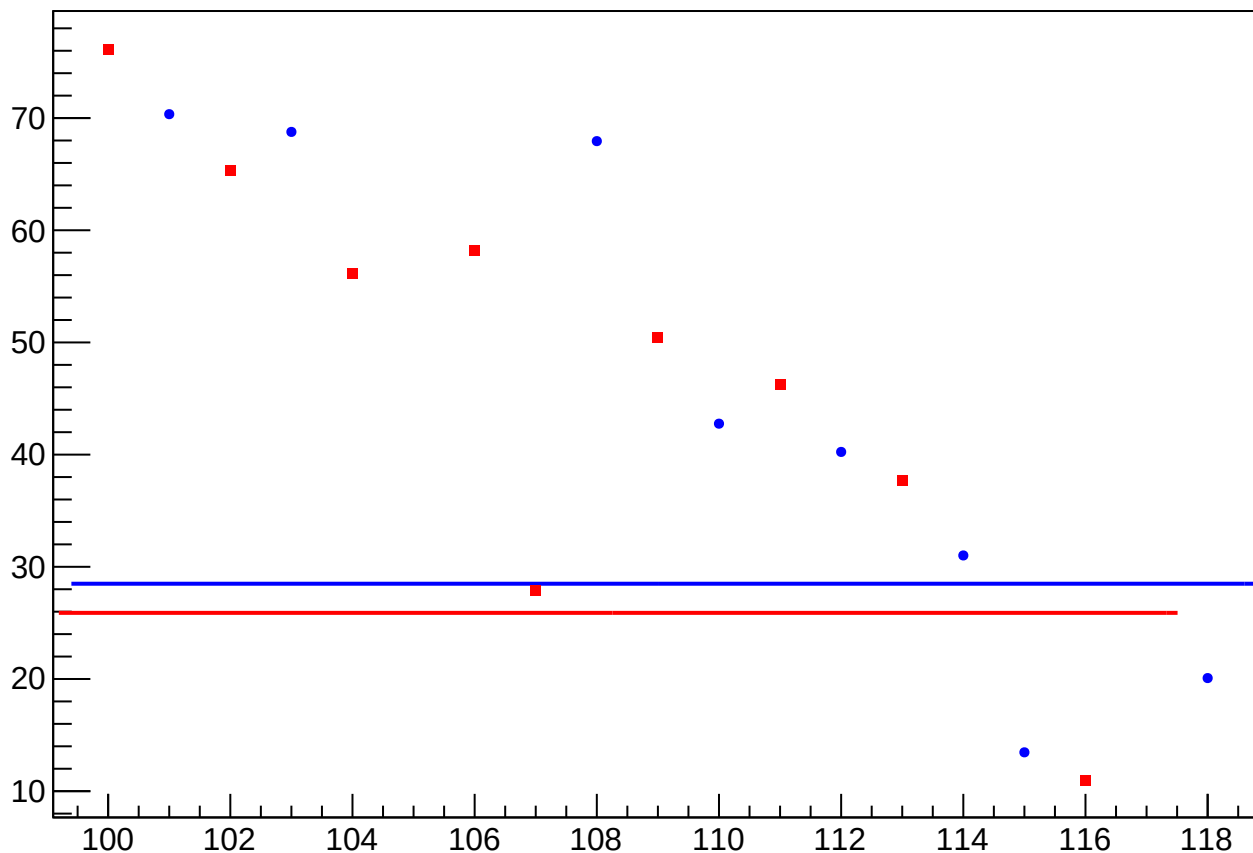
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.013 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



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: 25.895 $\pm$ 0.013 χ^2 /NDF: 2248834.4/8

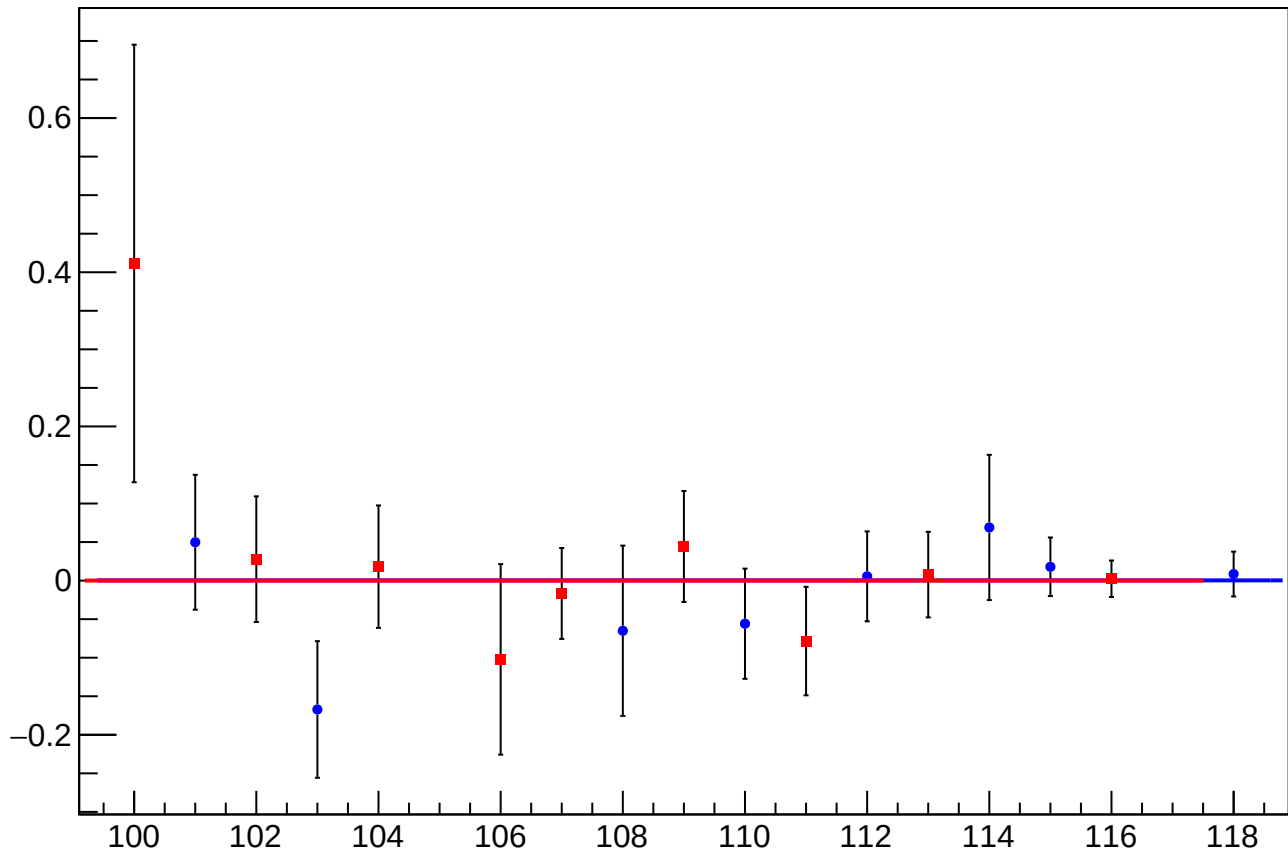
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.115 $\pm$ 0.009 χ^2 /NDF: 4037763.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

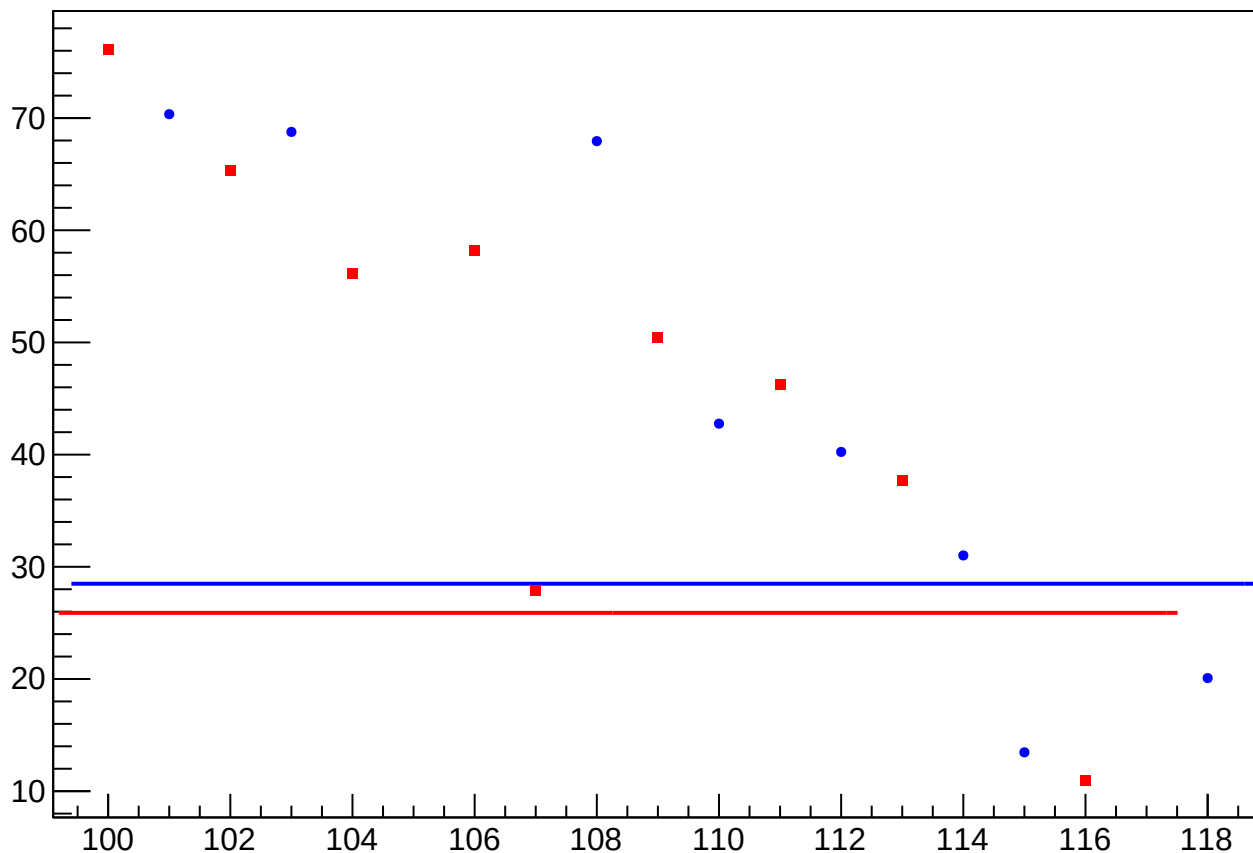
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.013 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



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: 25.895 $\pm$ 0.013 χ^2 /NDF: 2248834.4/8

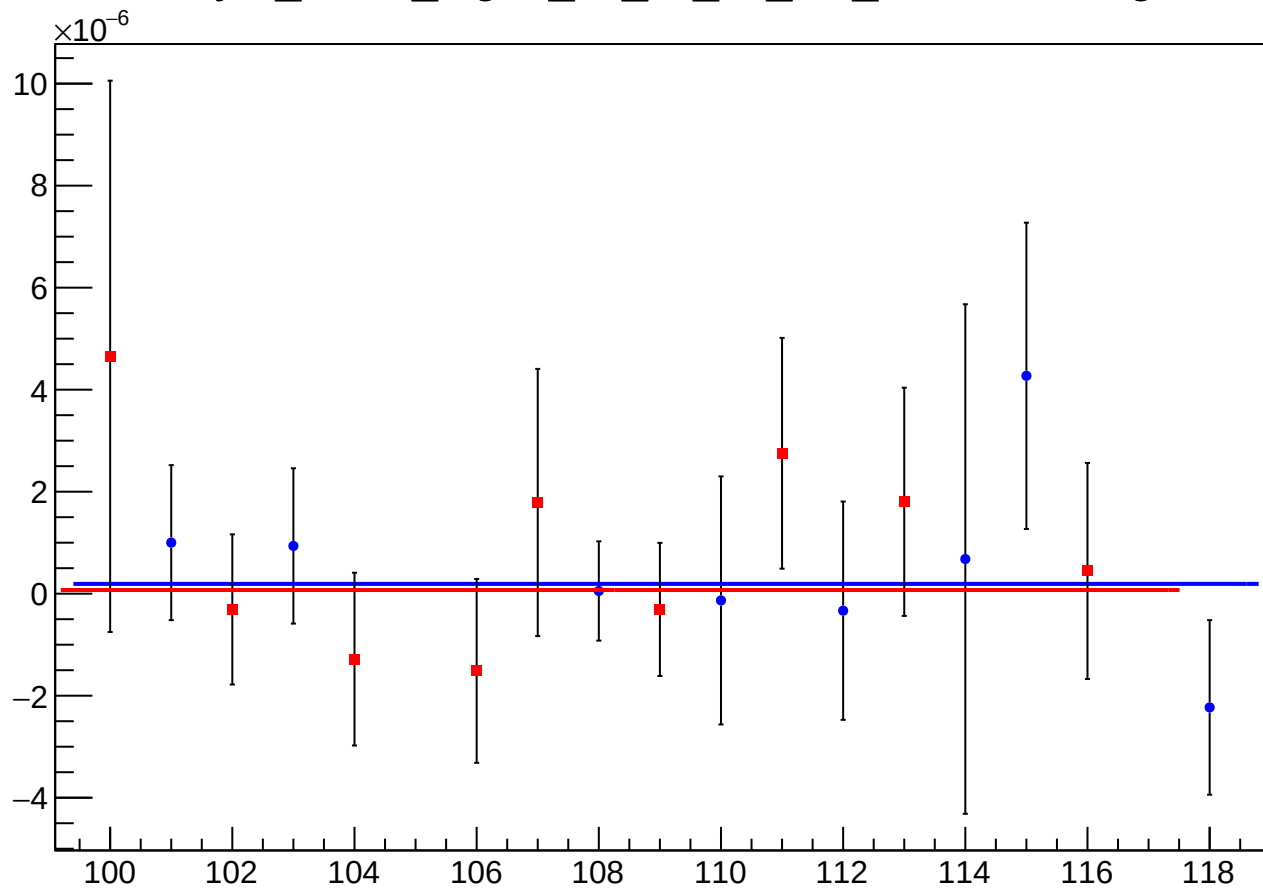
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.115 $\pm$ 0.009 χ^2 /NDF: 4037763.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/8

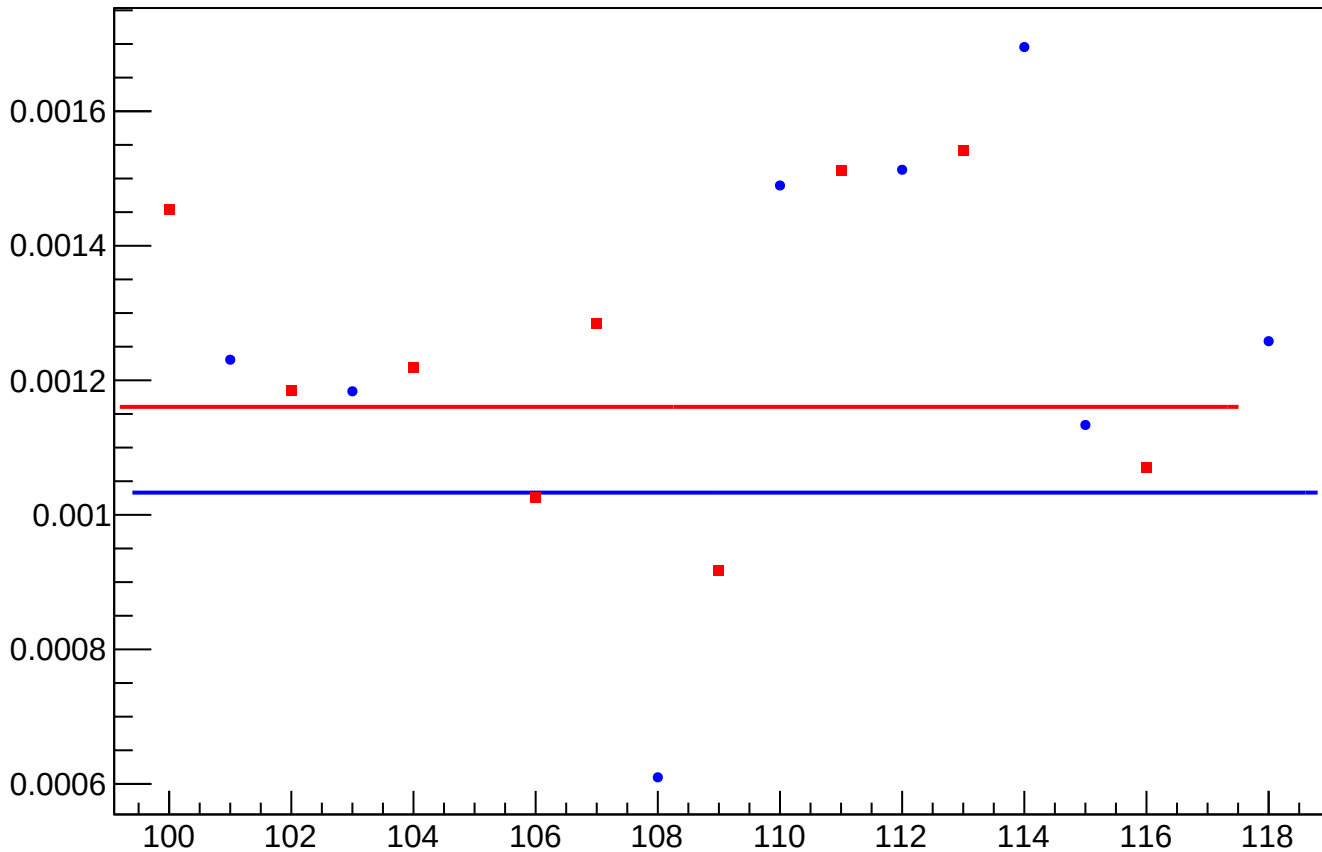
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug



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 : 204145.9/8

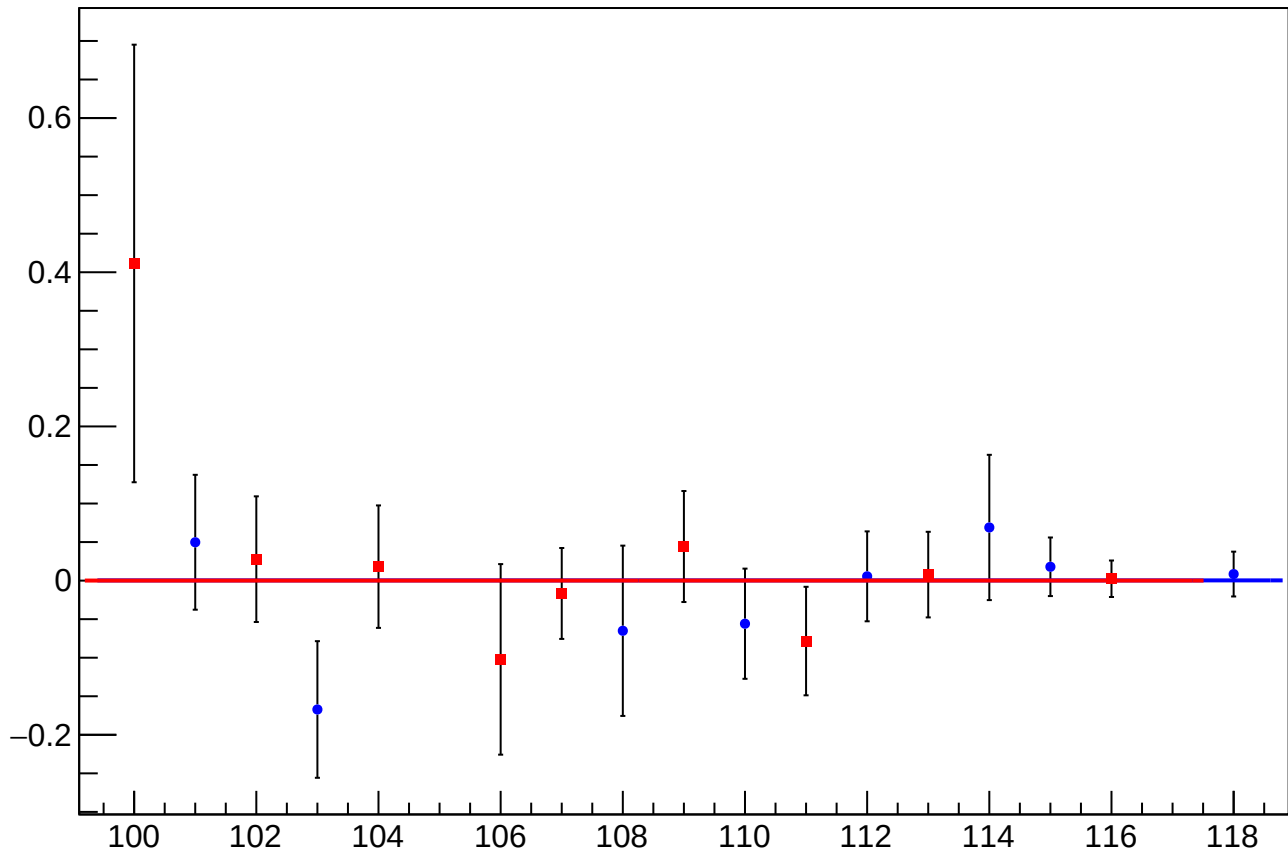
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 922034.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

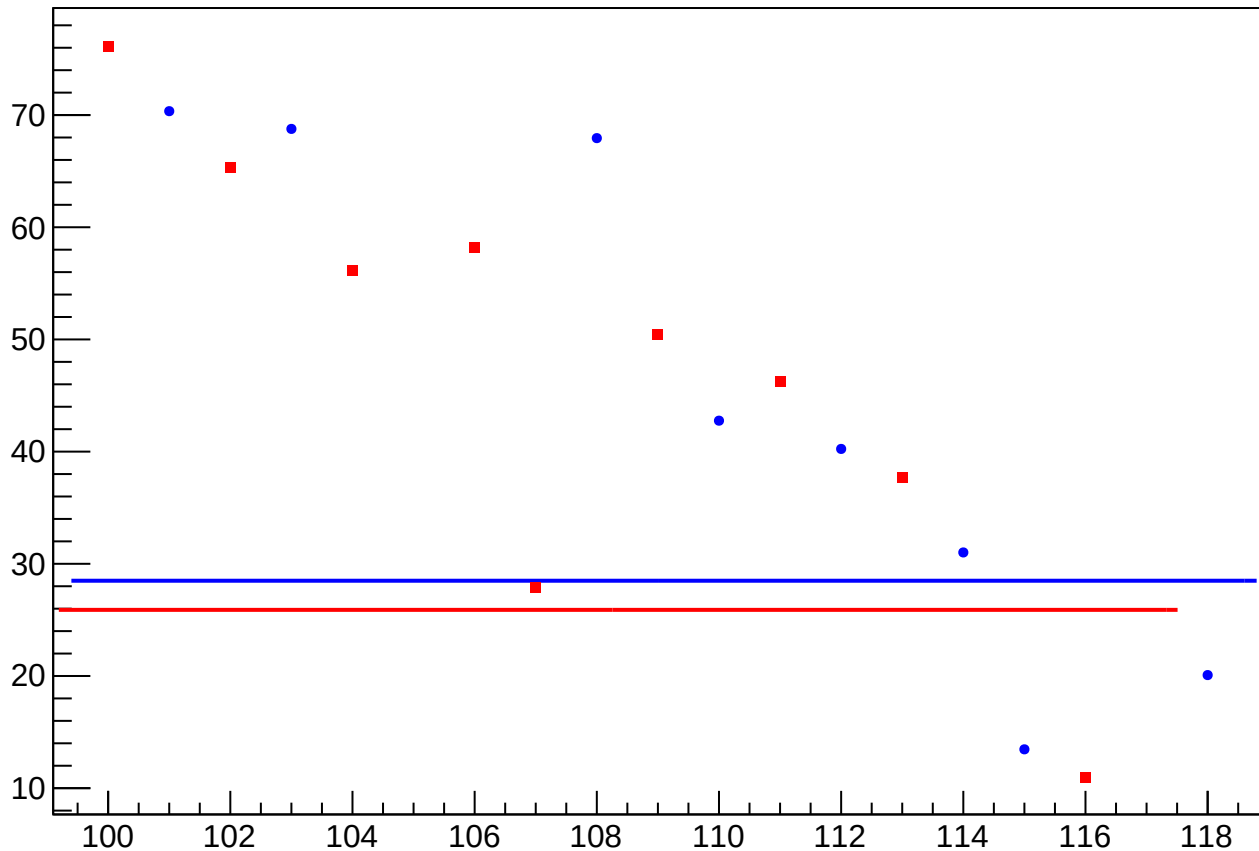
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.013 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.491+/-0.013 χ^2/NDF : 1768826.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.894+/-0.013 χ^2/NDF : 2248880.2/8

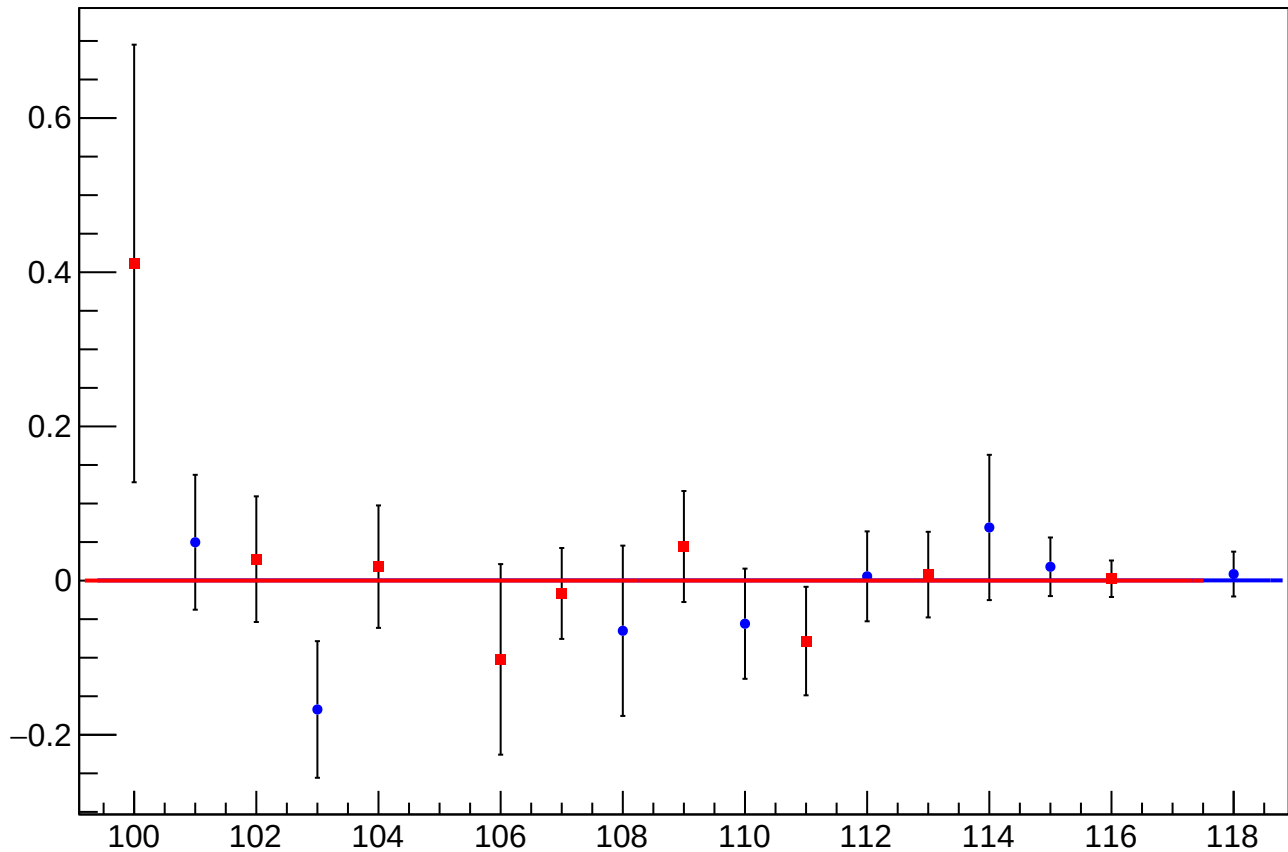
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.115+/-0.009 χ^2/NDF : 4037861.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.000 $\pm$ 0.018 χ^2 /NDF: 4.7/8

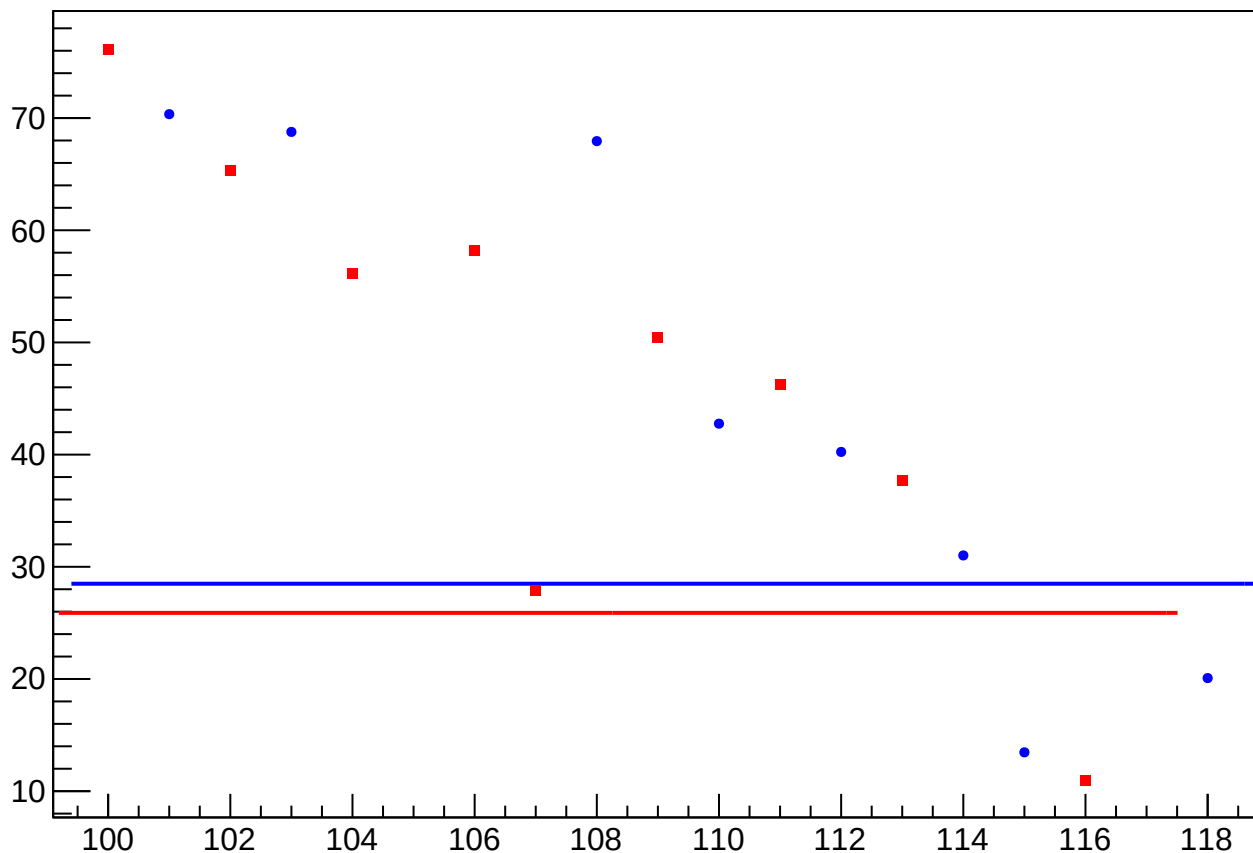
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.013 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 25.894 $\pm$ 0.013 χ^2 /NDF: 2248880.2/8

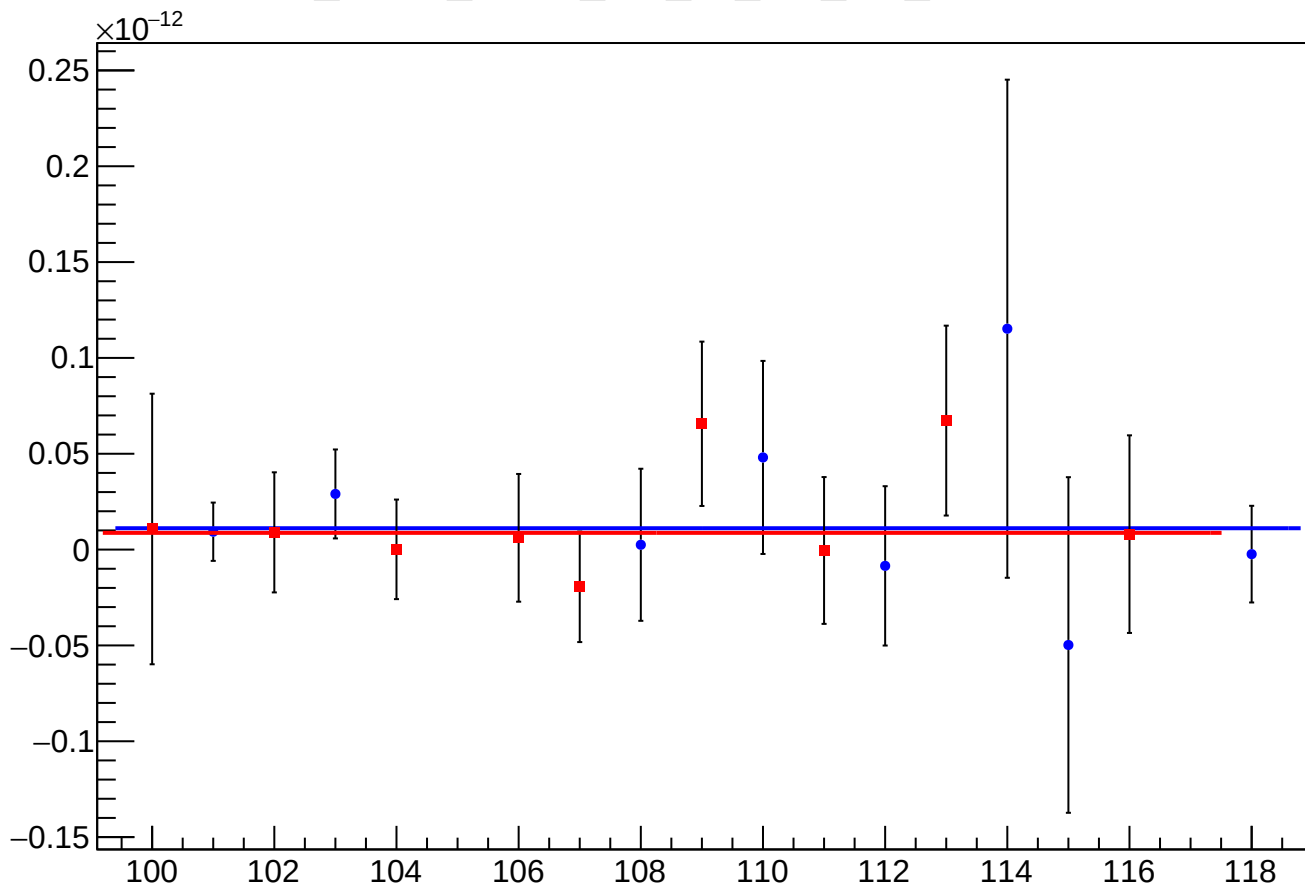
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.115 $\pm$ 0.009 χ^2 /NDF: 4037861.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/8

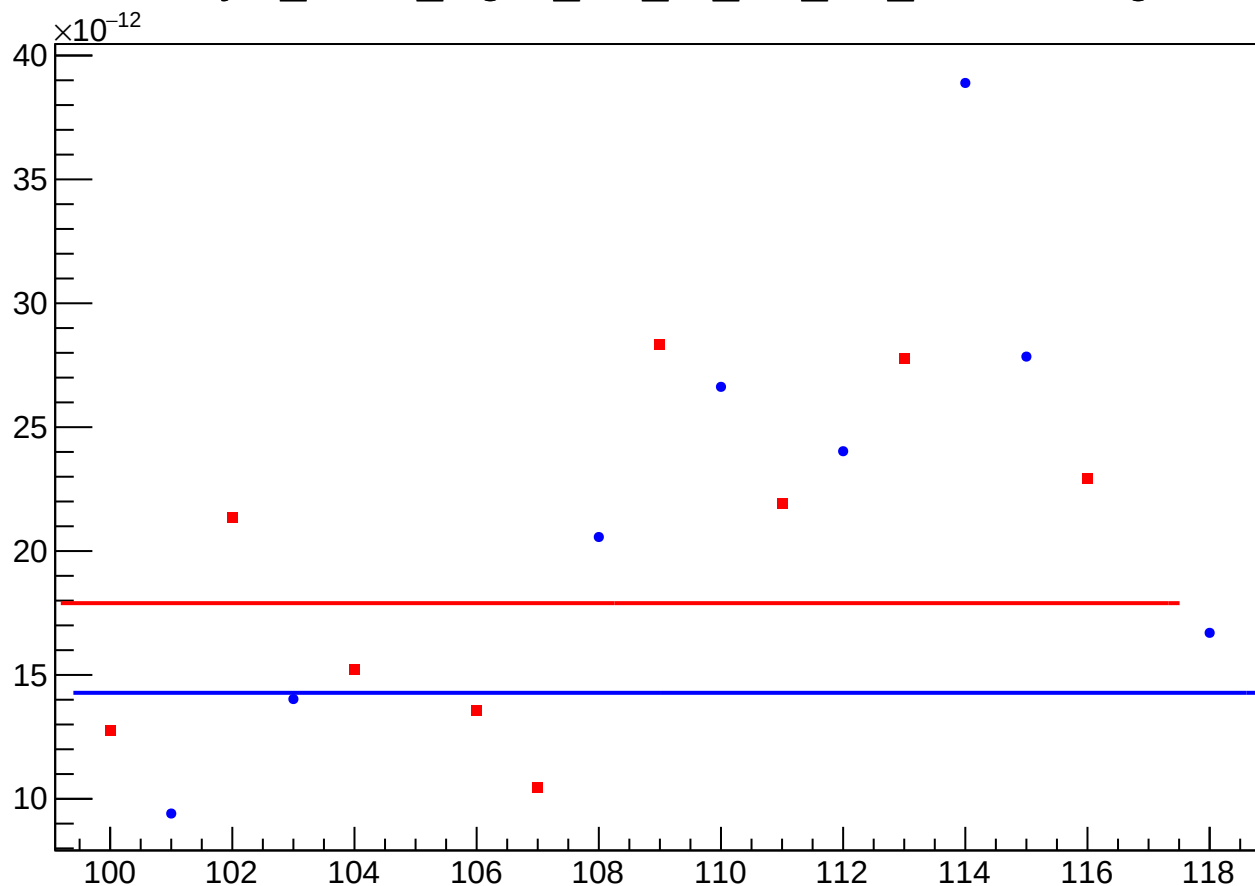
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug



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 : 462175.4/8

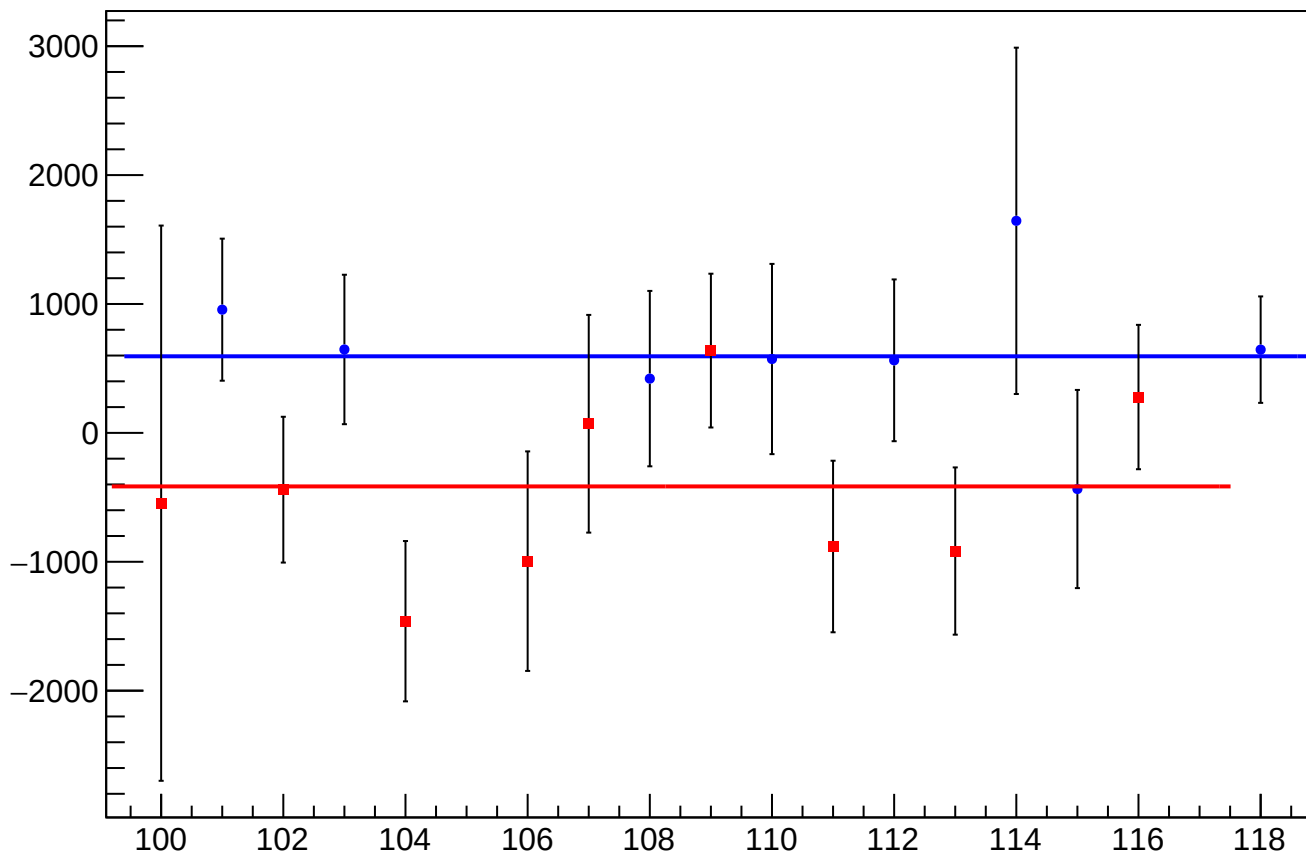
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1190775.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



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: -415.311+/-227.383 χ^2/NDF : 9.4/8

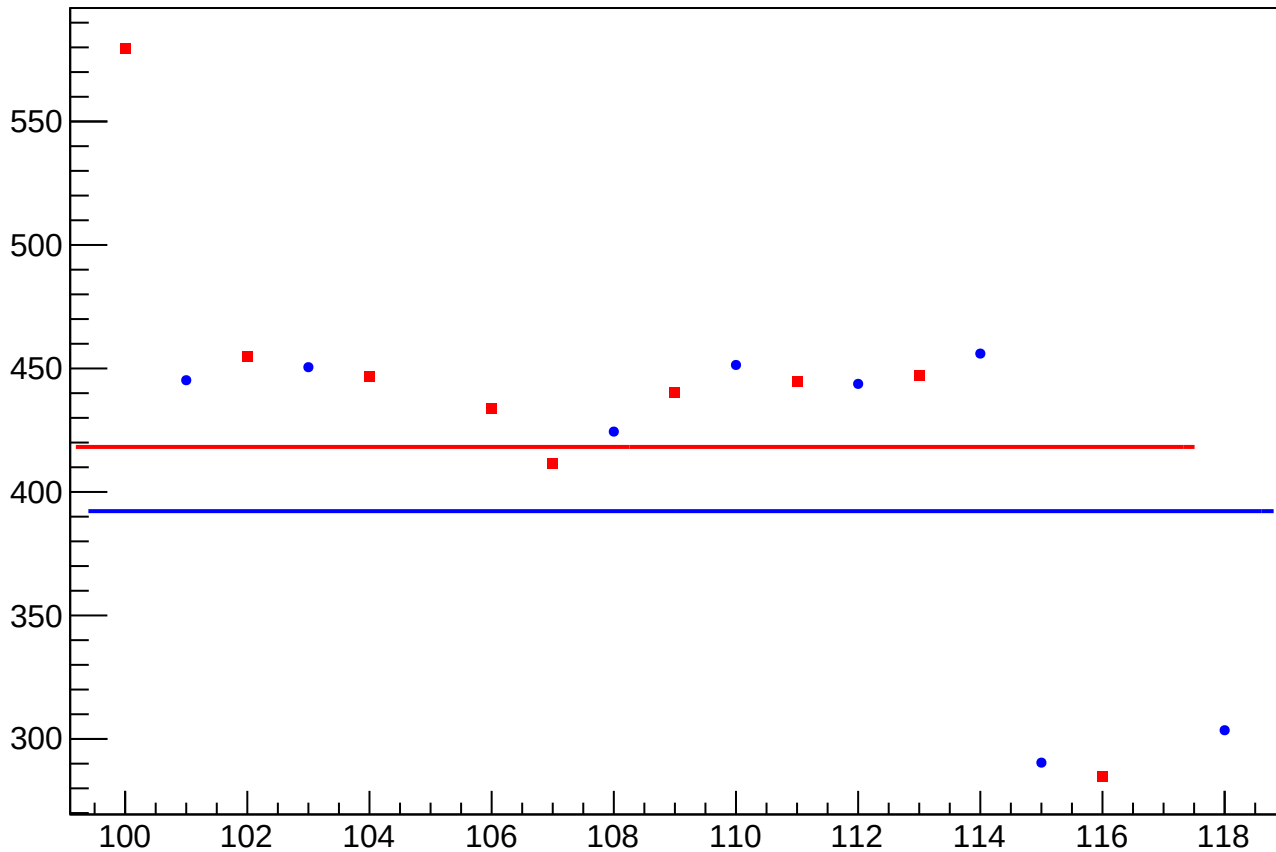
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.164+/-157.607 χ^2/NDF : 22.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_rms vs Slug



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: 418.232+/-0.161 χ^2/NDF : 148296.1/8

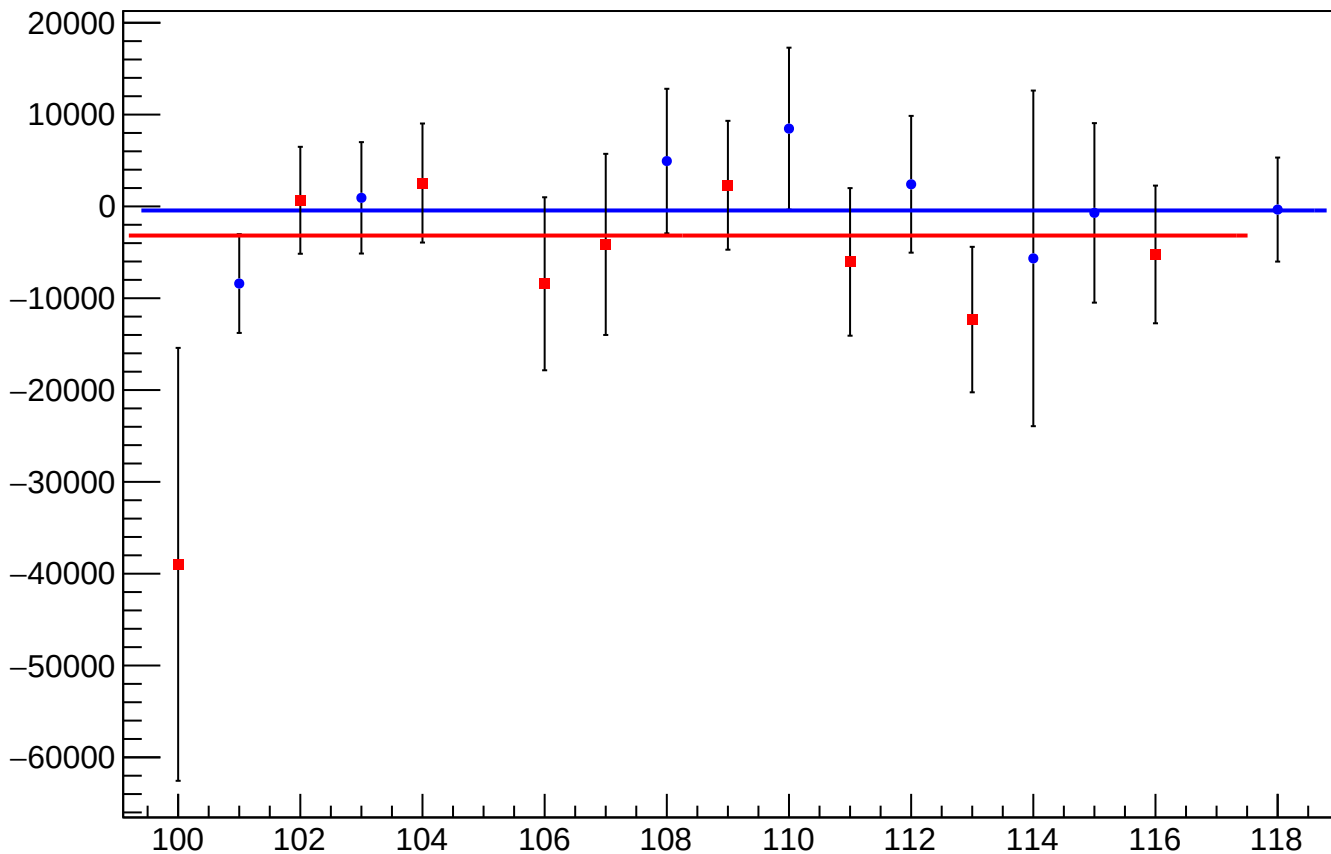
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.723+/-0.111 χ^2/NDF : 363341.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_mean vs Slug



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: -3172.214+/-2615.885 χ^2/NDF : 6.0/8

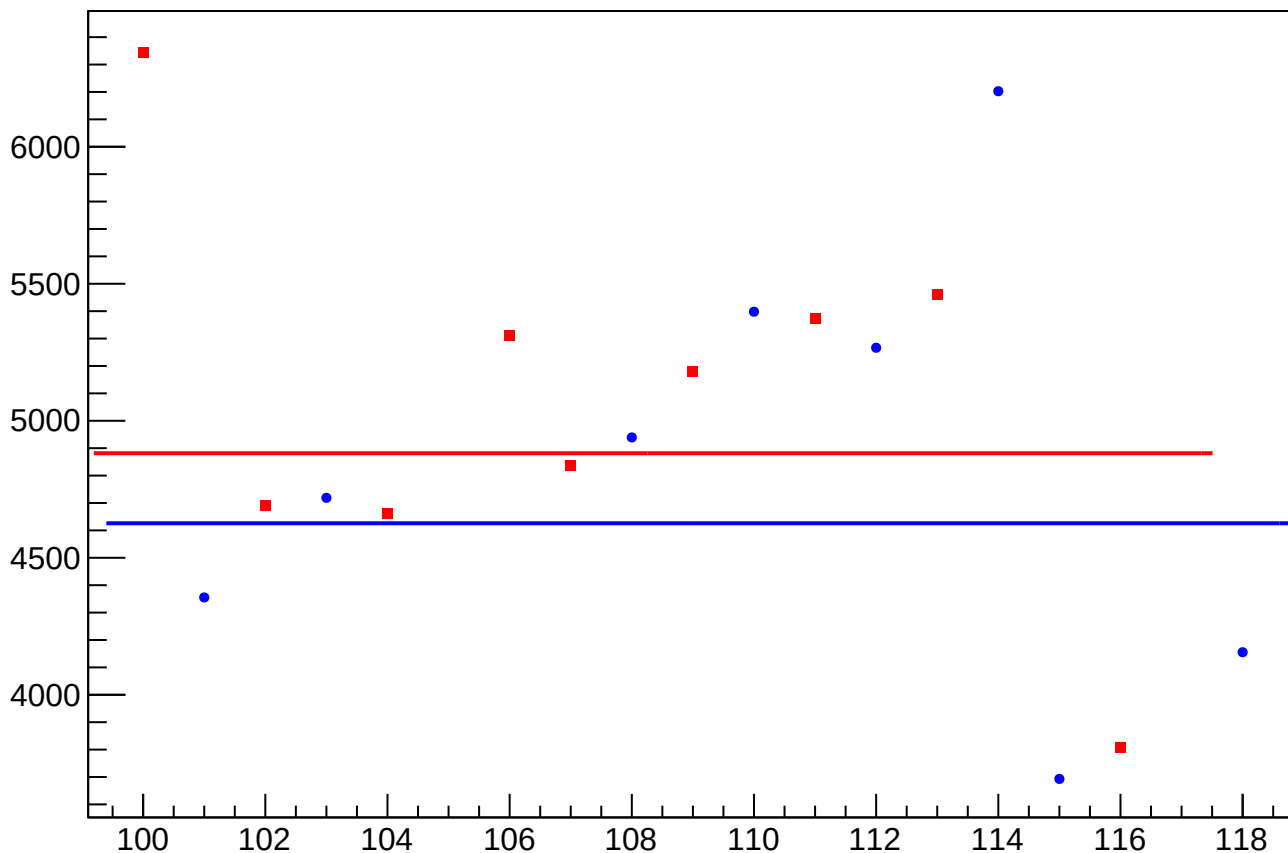
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1773.900+/-1827.225 χ^2/NDF : 10.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_rms vs Slug



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: 4881.577+/-1.850 χ^2/NDF : 79058.9/8

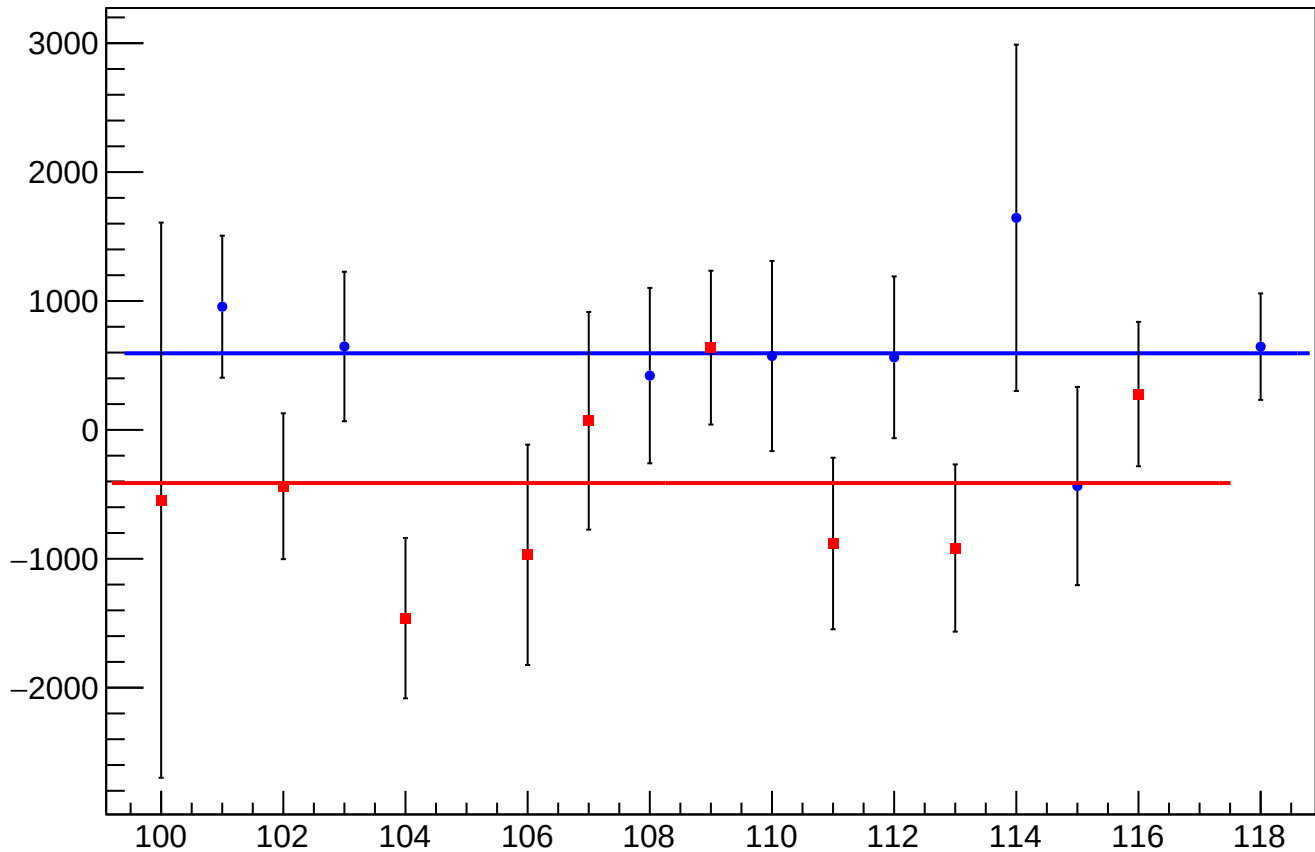
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4750.670+/-1.292 χ^2/NDF : 174564.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



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: -412.562+/-227.459 χ^2/NDF : 9.3/8

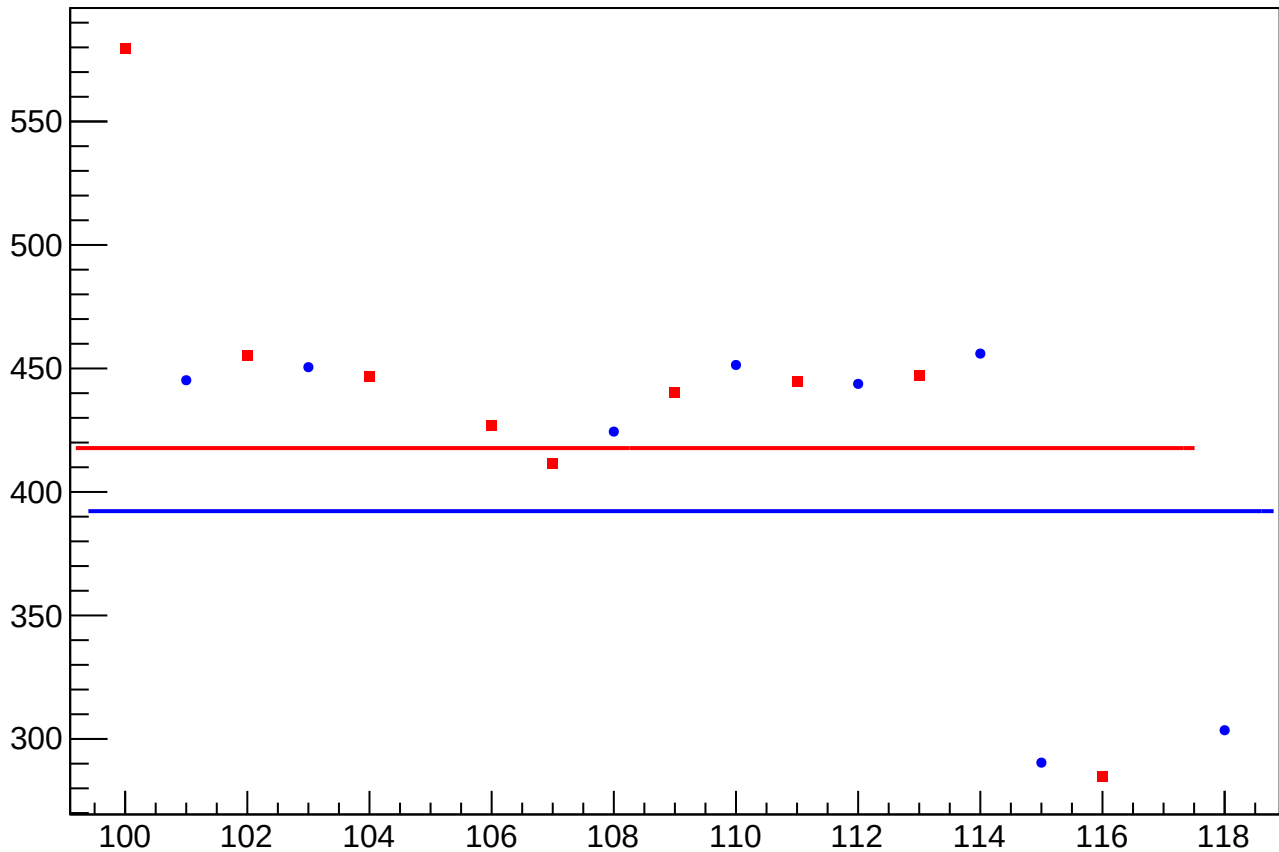
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.663+/-157.633 χ^2/NDF : 22.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_rms vs Slug



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: 417.768+/-0.161 χ^2/NDF : 147911.1/8

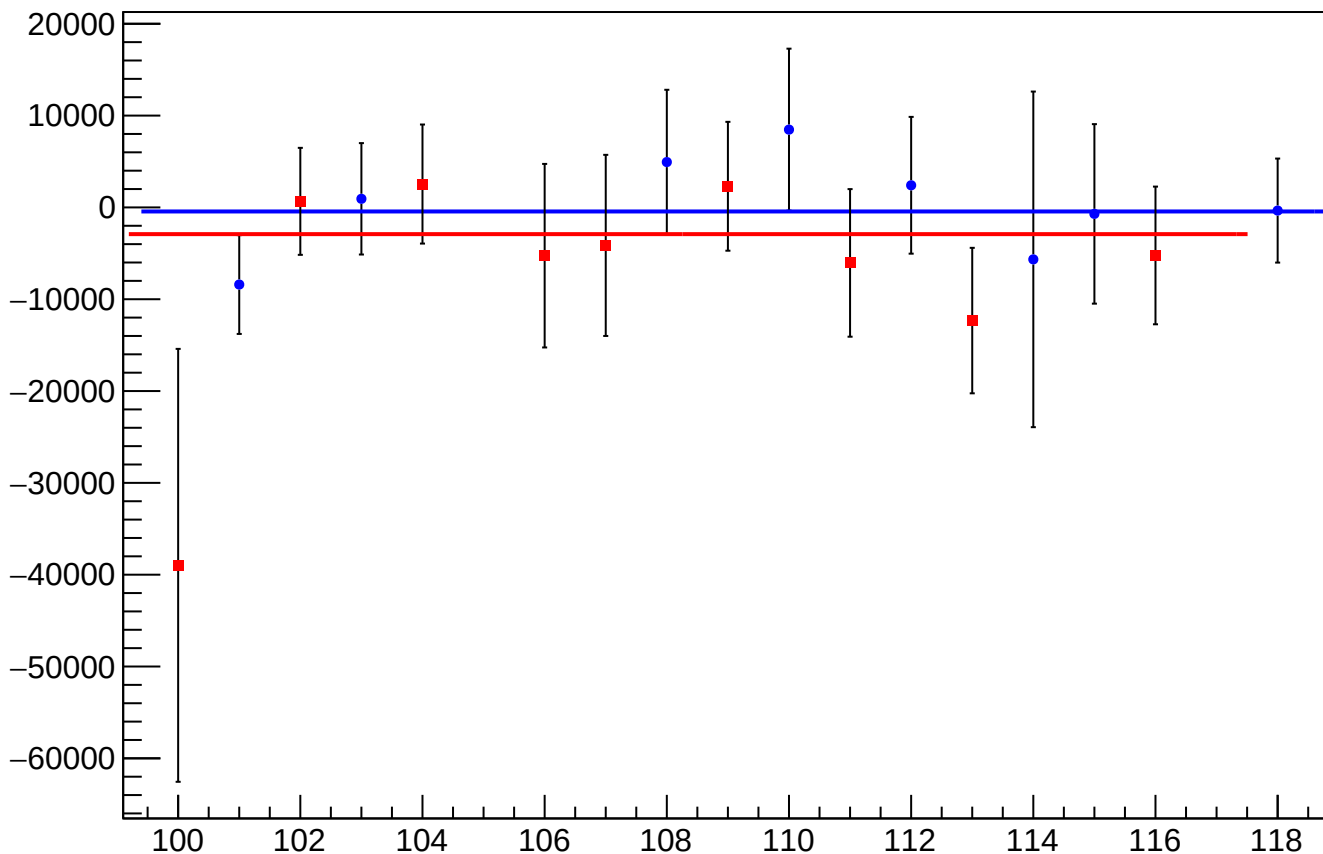
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.496+/-0.111 χ^2/NDF : 362470.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_mean vs Slug



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: -2910.102+/-2627.475 χ^2/NDF : 5.7/8

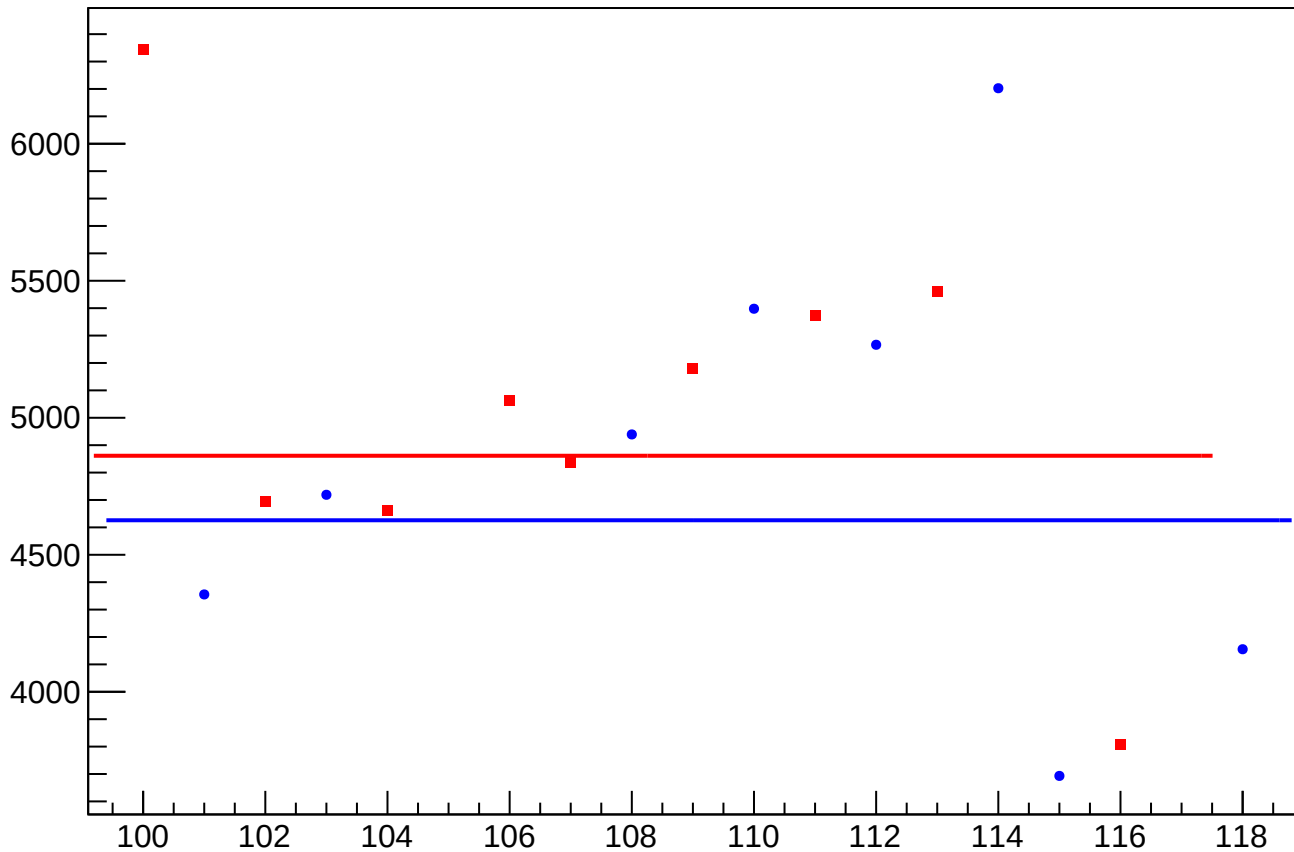
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1640.395+/-1831.168 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_rms vs Slug



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: 4861.402+/-1.858 χ^2/NDF : 75414.1/8

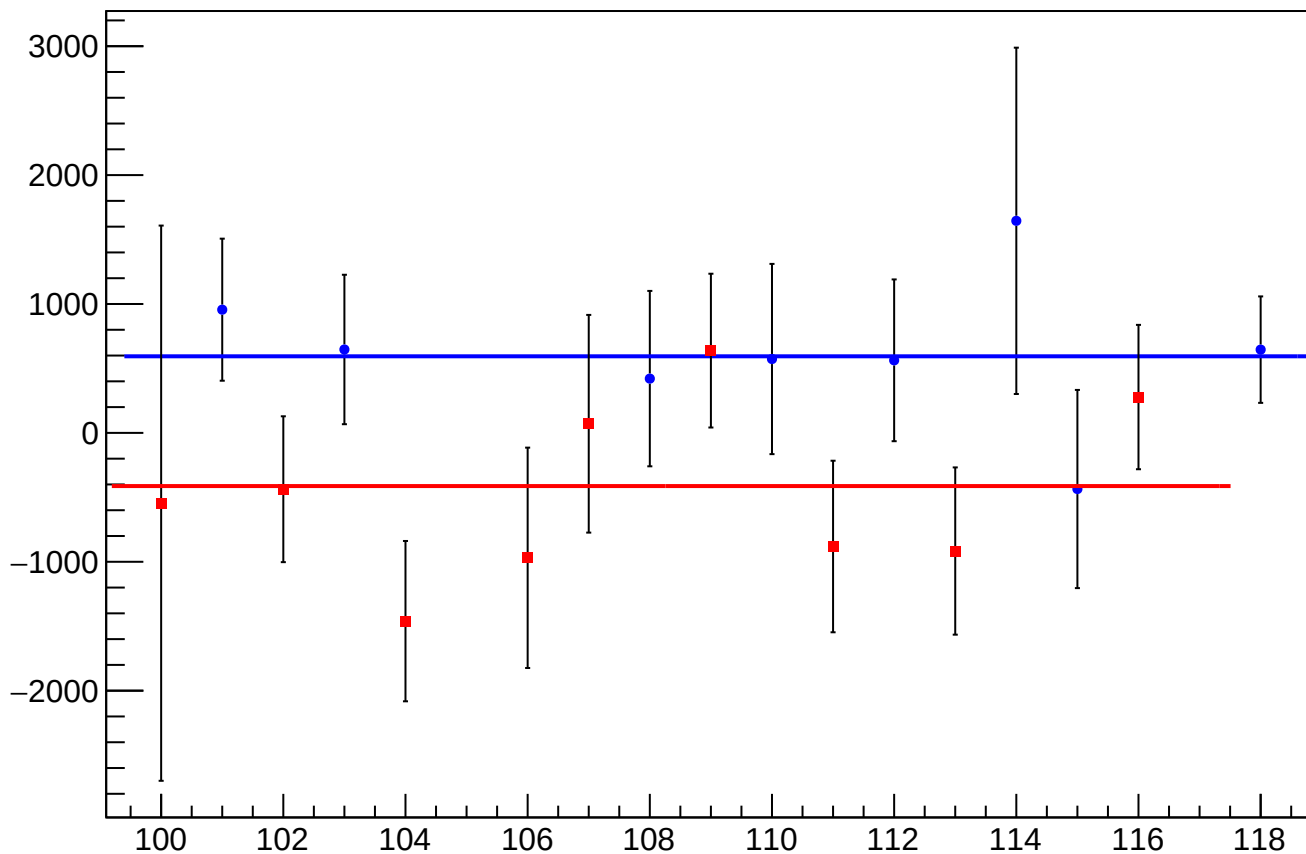
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4740.323+/-1.295 χ^2/NDF : 169398.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 594.161 $\pm$ 218.654 χ^2 /NDF: 2.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -412.562 $\pm$ 227.459 χ^2 /NDF: 9.3/8

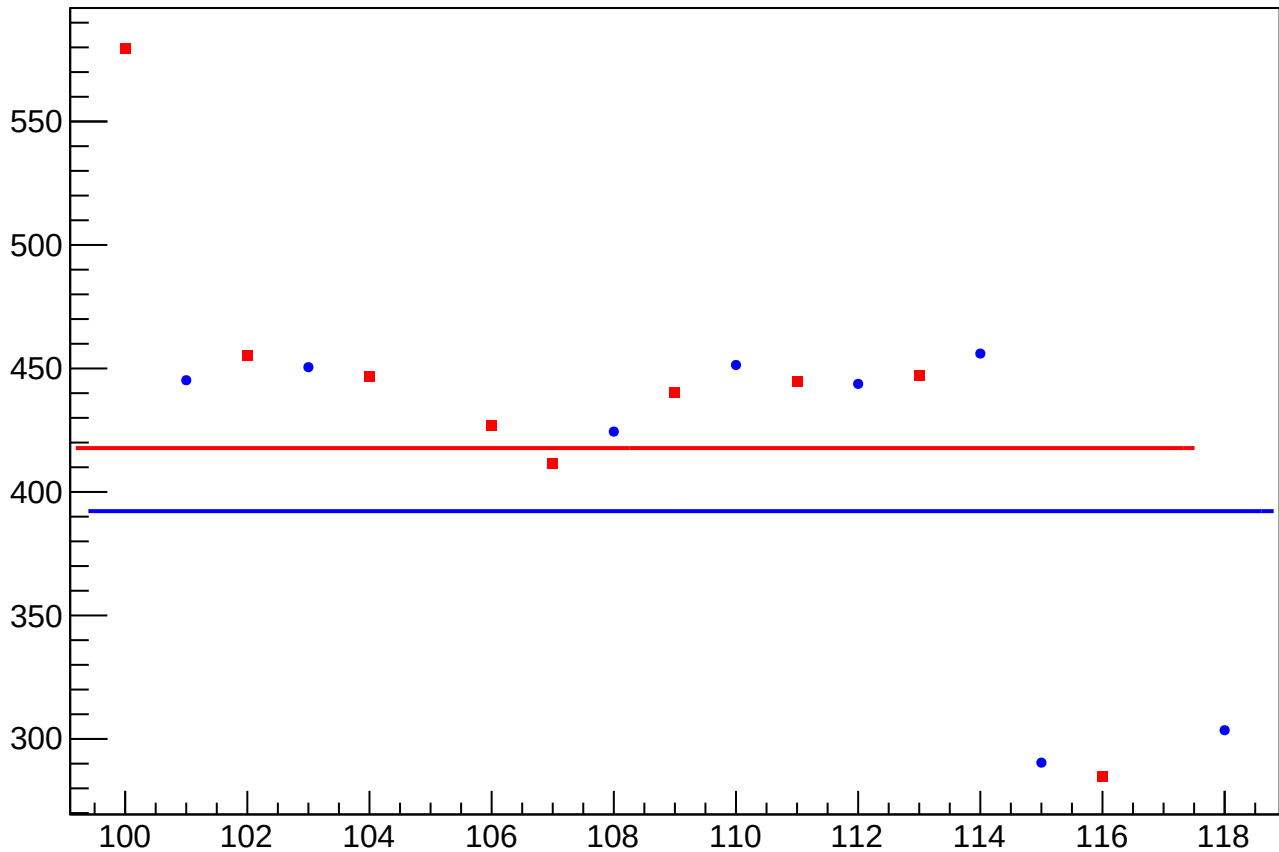
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.663 $\pm$ 157.633 χ^2 /NDF: 22.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam2_rms vs Slug



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: 417.768+/-0.161 χ^2/NDF : 147911.1/8

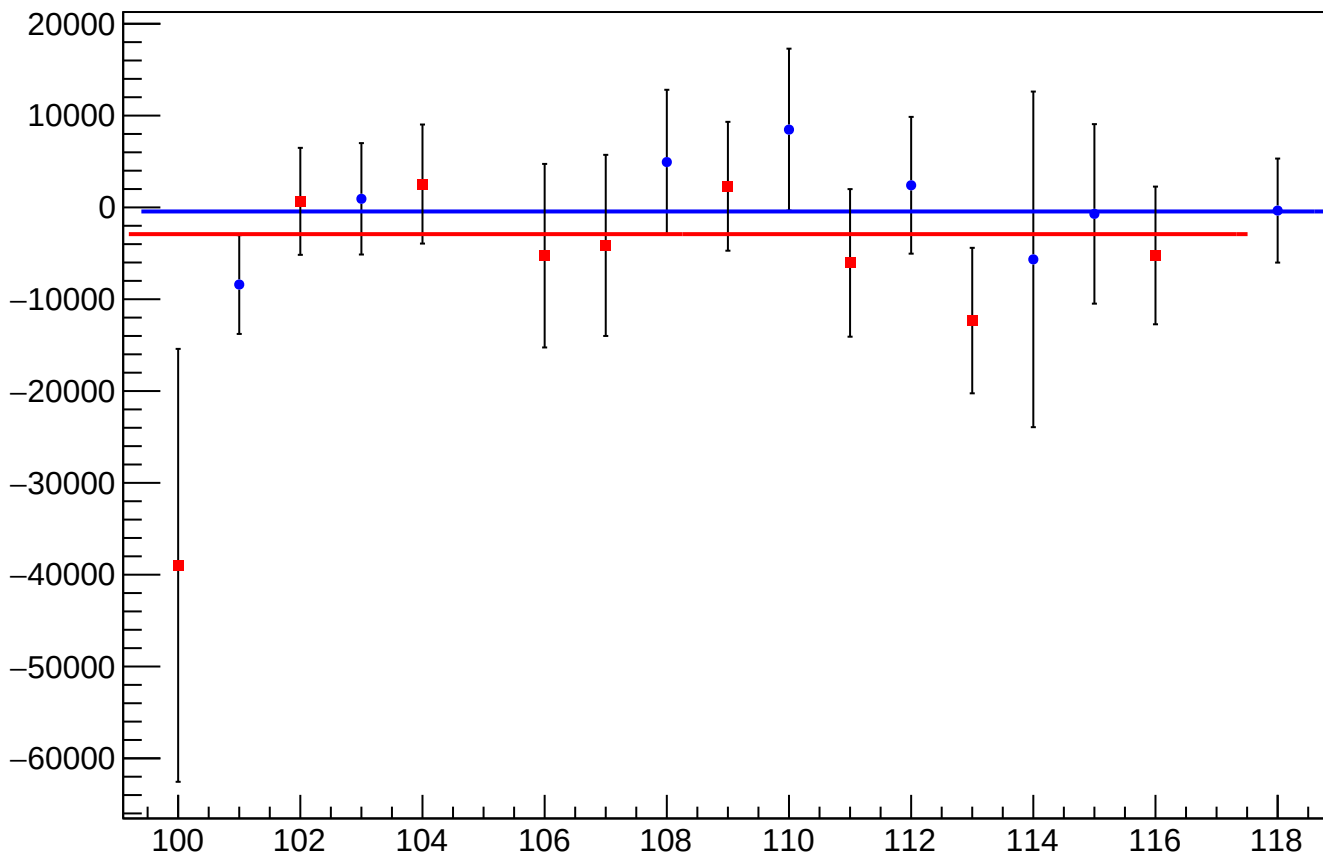
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 404.496+/-0.111 χ^2/NDF : 362470.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



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: -2910.102+/-2627.475 χ^2/NDF : 5.7/8

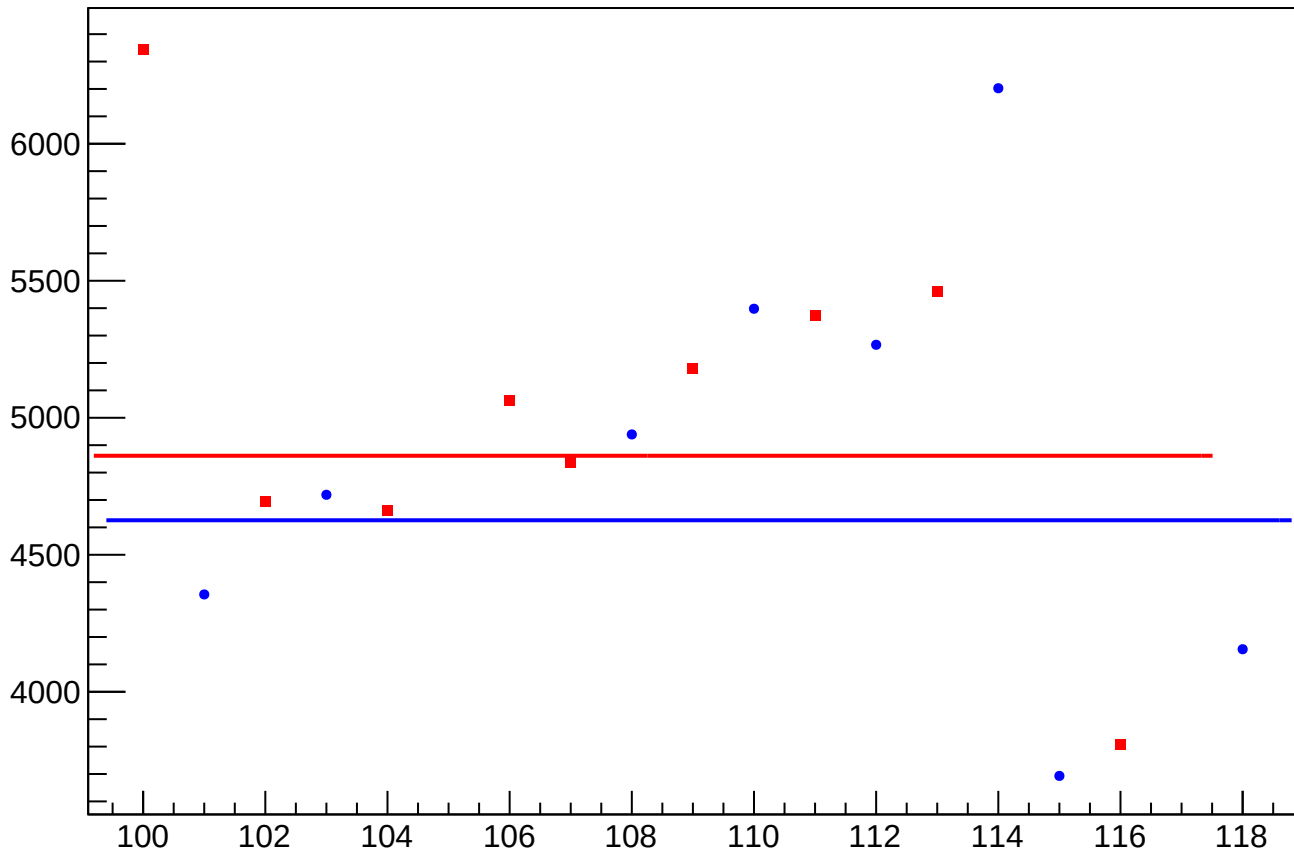
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1640.395+/-1831.168 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



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: 4861.402+/-1.858 χ^2/NDF : 75414.1/8

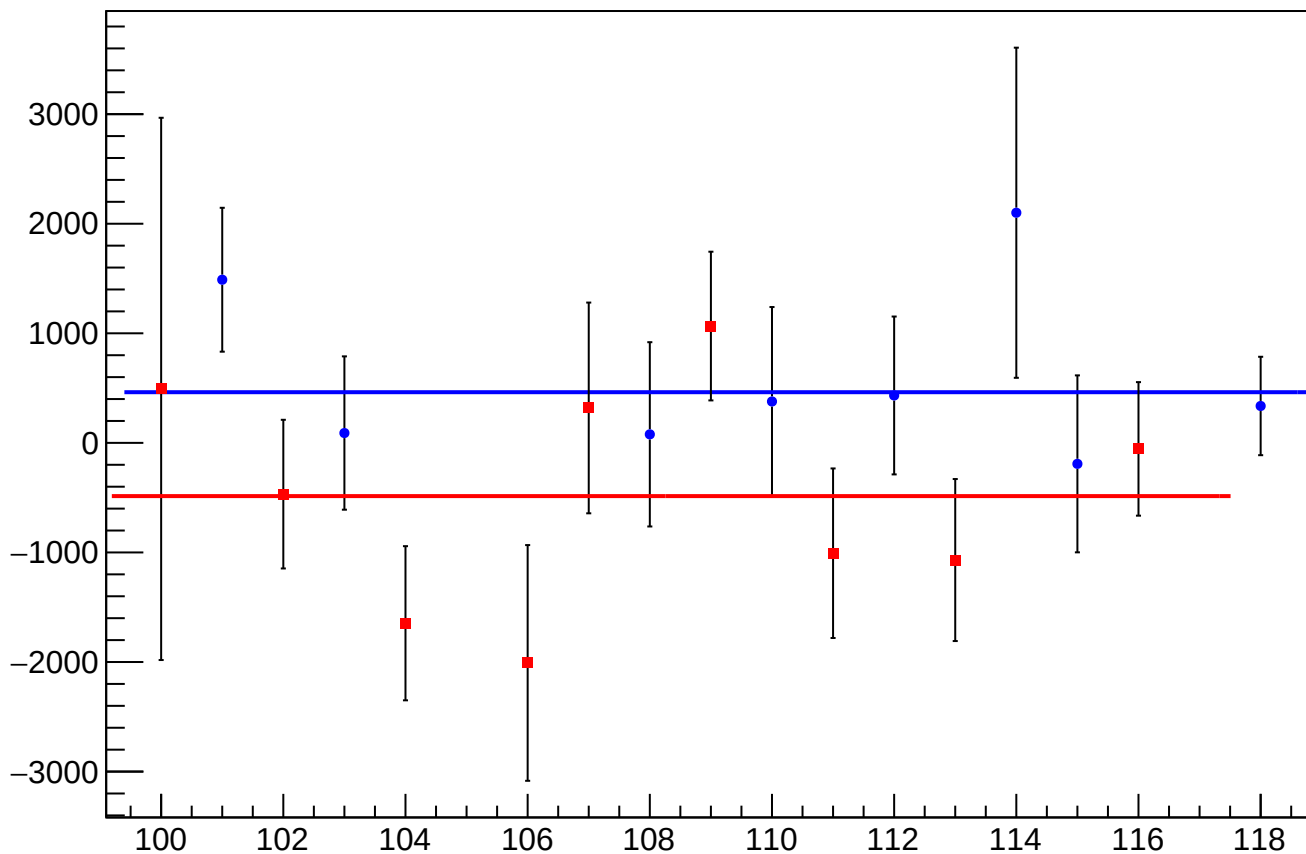
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4740.323+/-1.295 χ^2/NDF : 169398.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 462.430 $\pm$ 250.142 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -485.796 $\pm$ 261.116 χ^2 /NDF: 12.4/8

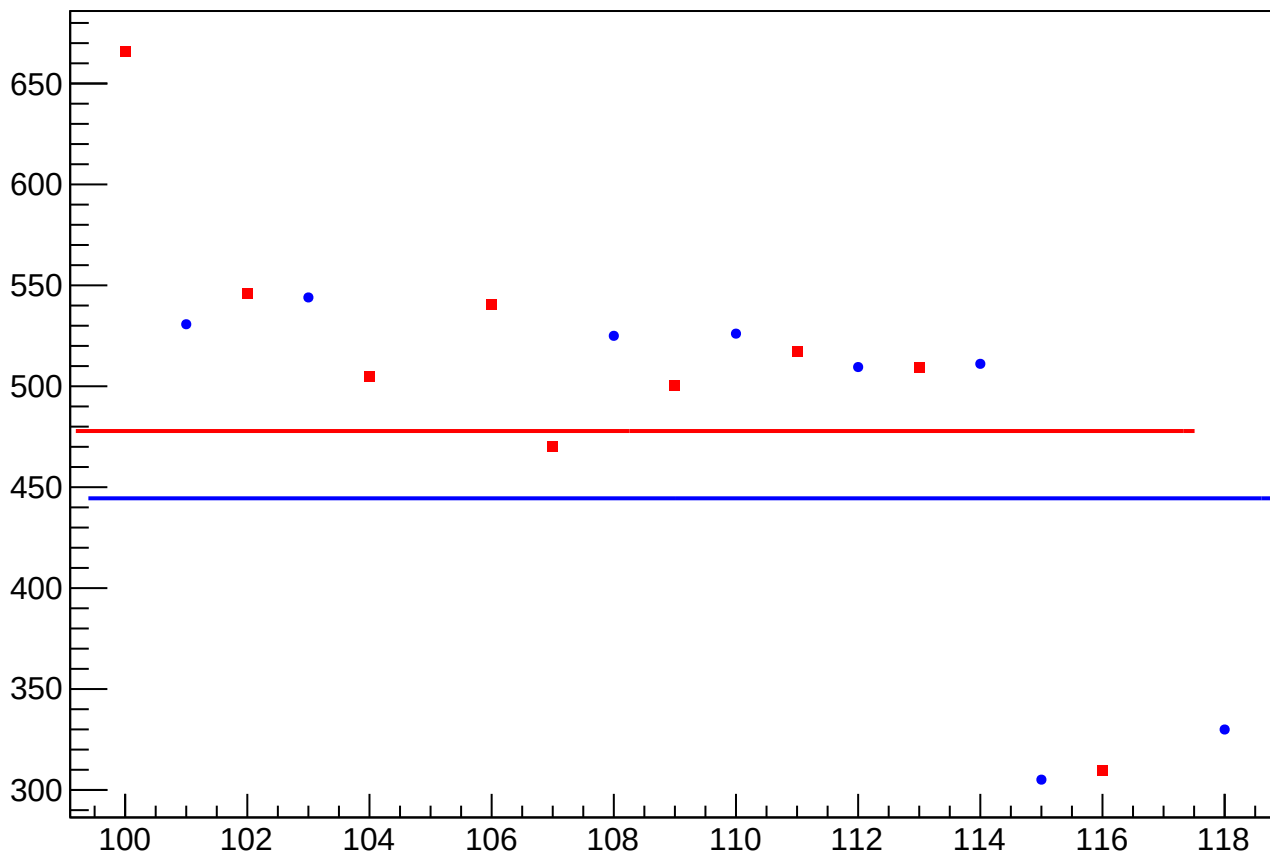
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.660 $\pm$ 180.632 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



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: 477.830+/-0.185 χ^2/NDF : 204768.4/8

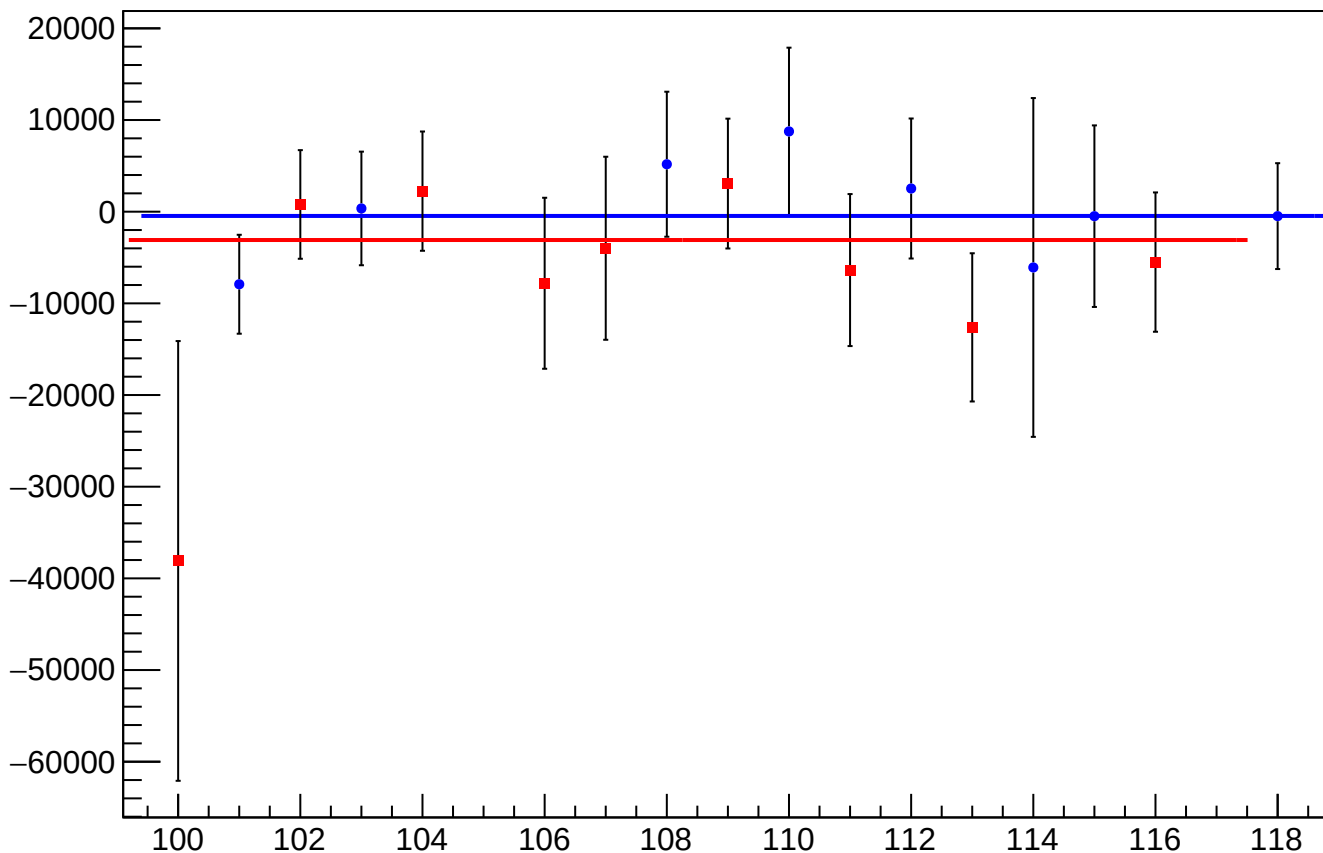
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 460.445+/-0.128 χ^2/NDF : 542879.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_mean vs Slug



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: -3090.629+/-2649.133 χ^2/NDF : 5.9/8

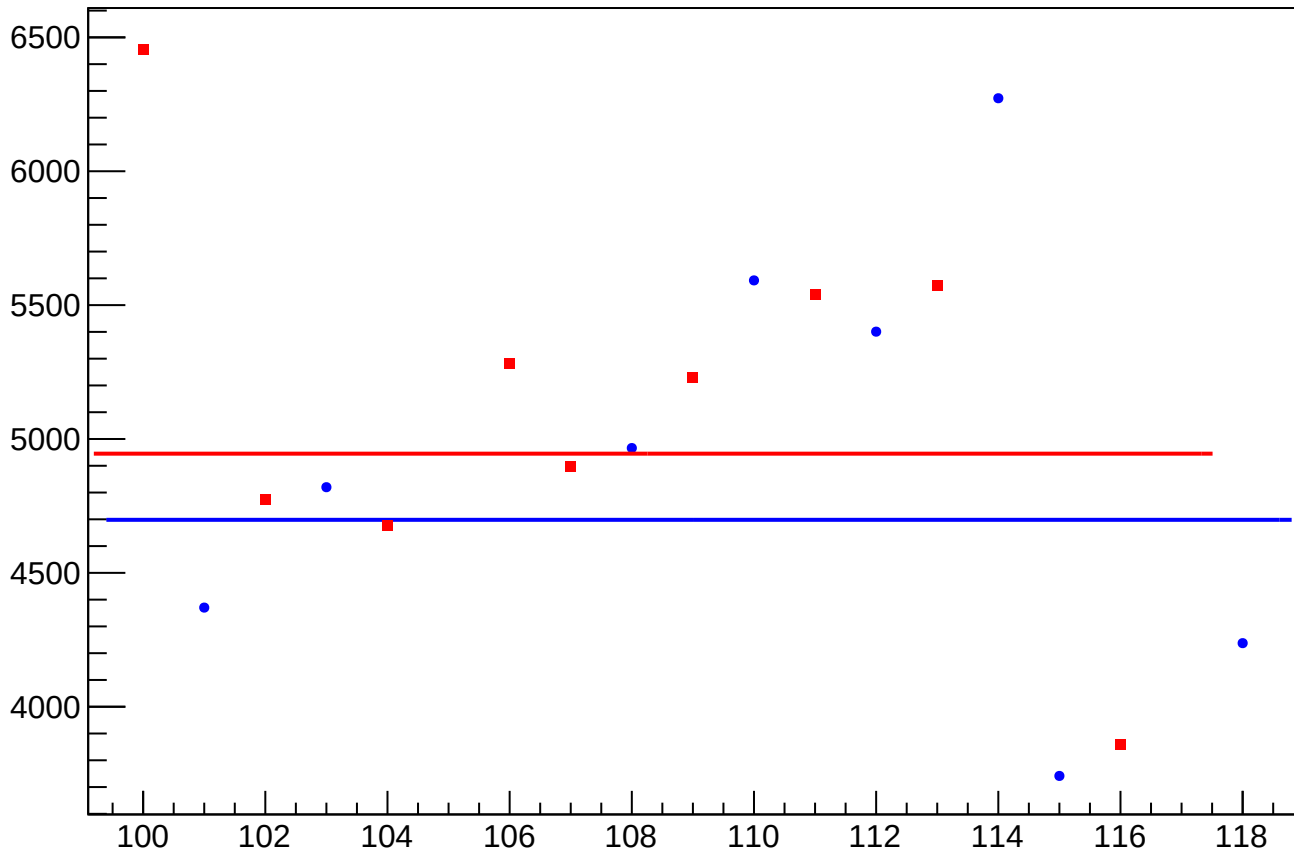
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1749.681+/-1853.361 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_correction_rms vs Slug



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: 4945.211+/-1.873 χ^2/NDF : 81983.3/8

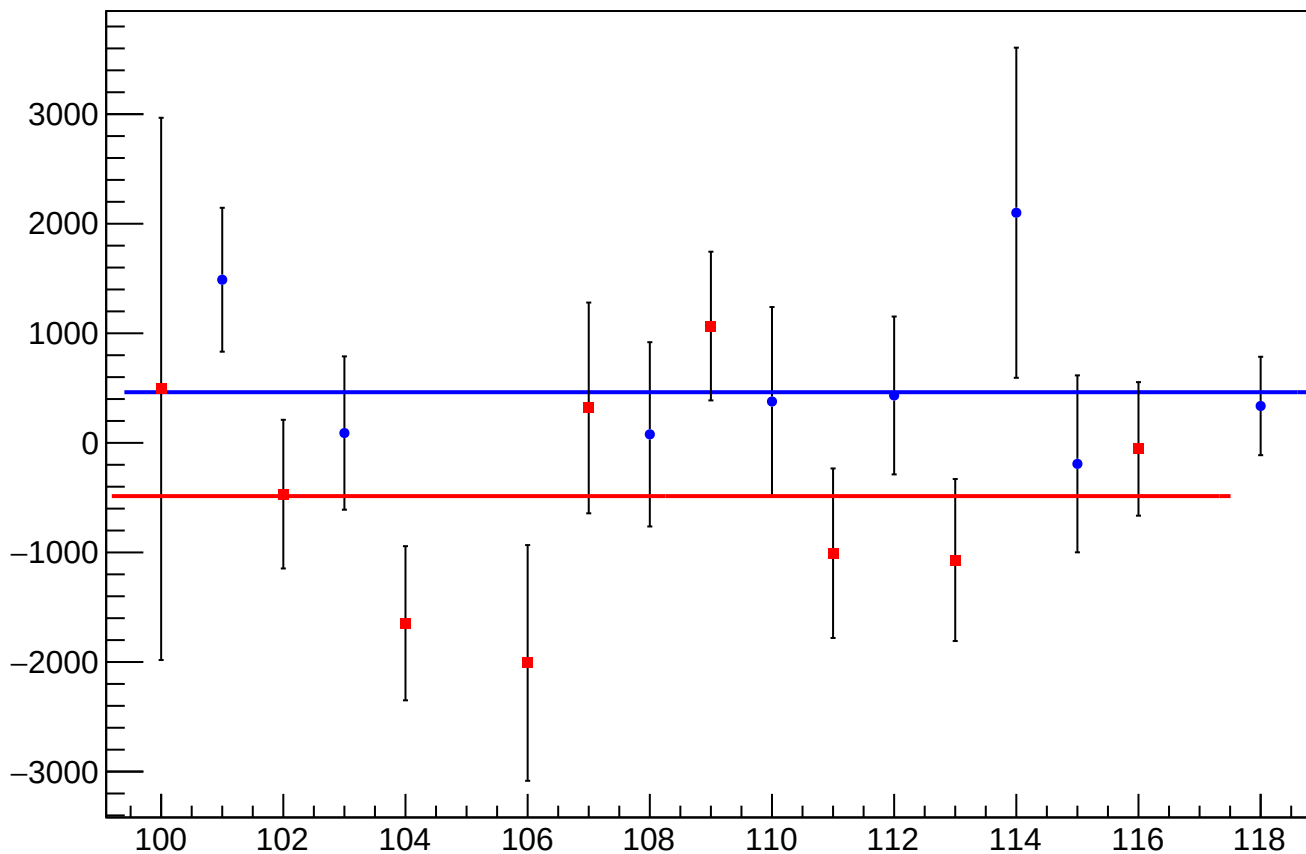
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4819.052+/-1.311 χ^2/NDF : 183329.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 462.426 $\pm$ 250.141 χ^2 /NDF: 4.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -485.790 $\pm$ 261.115 χ^2 /NDF: 12.4/8

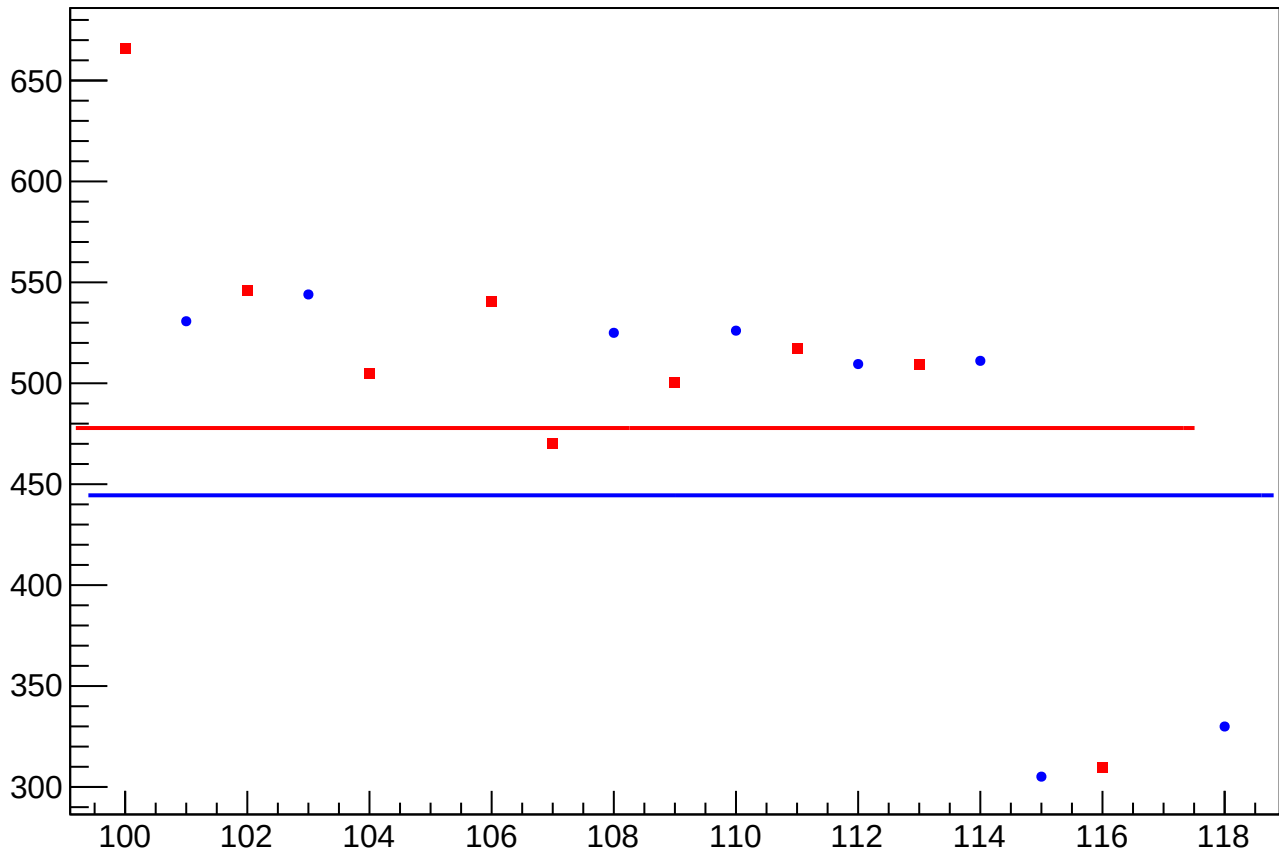
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.661 $\pm$ 180.631 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 444.489 $\pm$ 0.177 χ^2 /NDF: 321105.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 477.828 $\pm$ 0.185 χ^2 /NDF: 204754.8/8

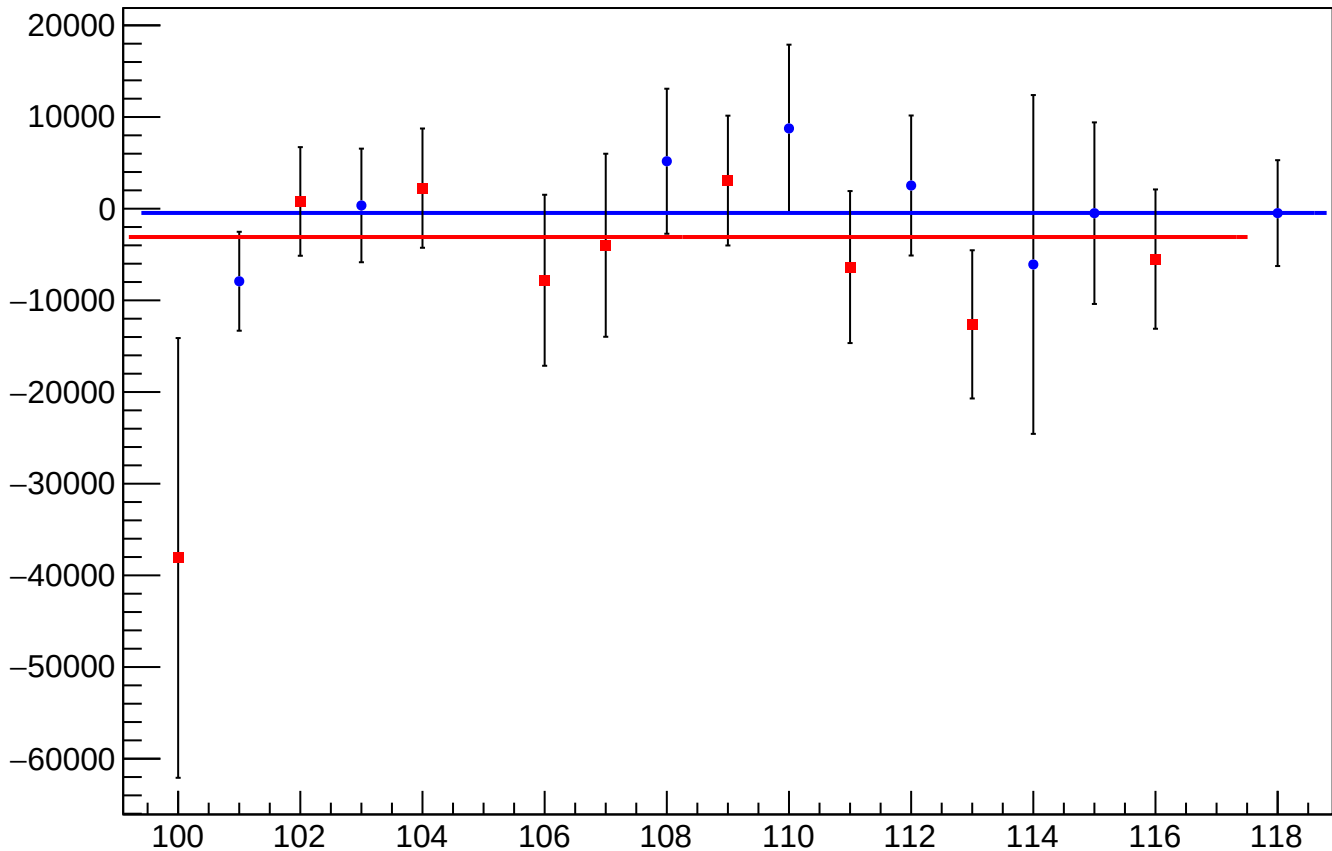
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 460.443 $\pm$ 0.128 χ^2 /NDF: 542862.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



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: -3090.623+/-2649.127 χ^2/NDF : 5.9/8

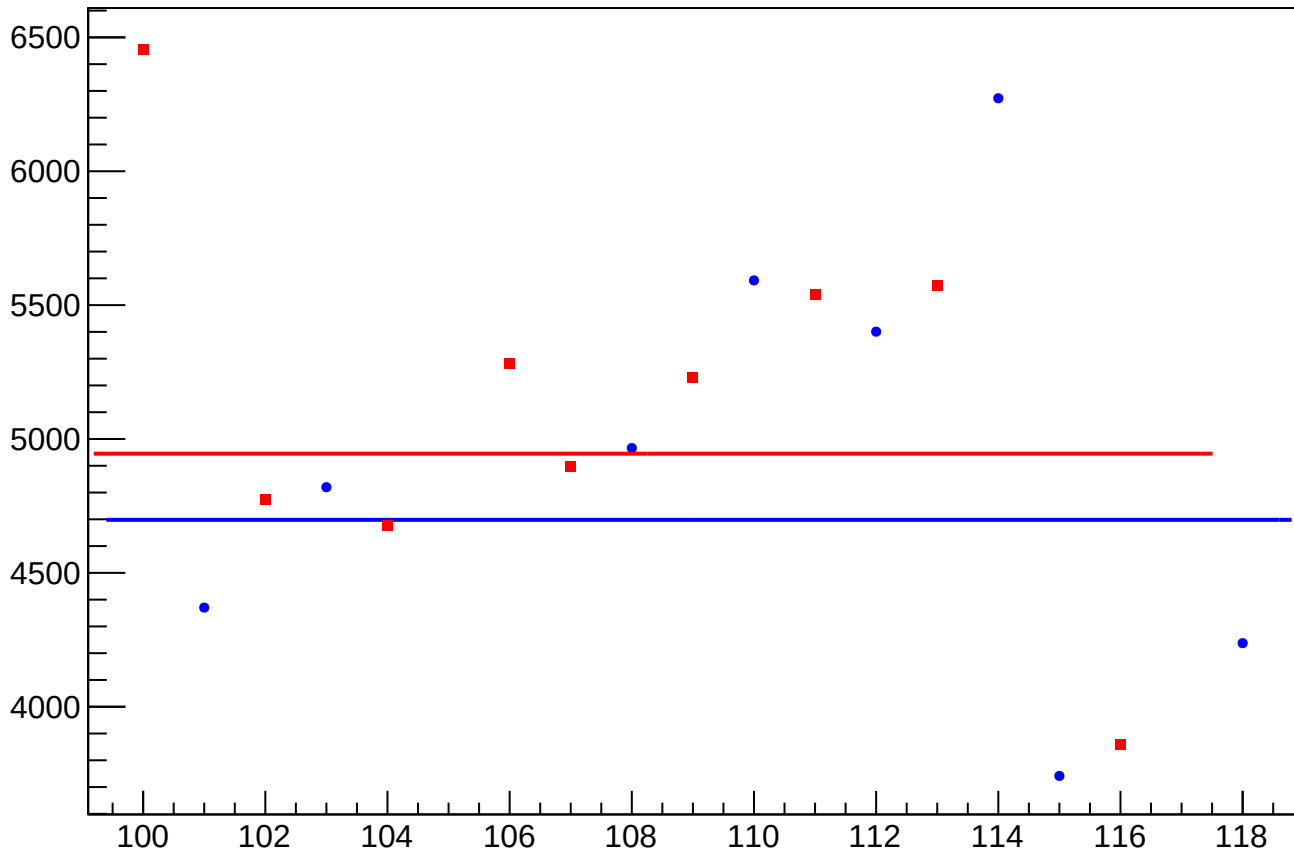
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1749.677+/-1853.356 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



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: 4945.199+/-1.873 χ^2/NDF : 81981.1/8

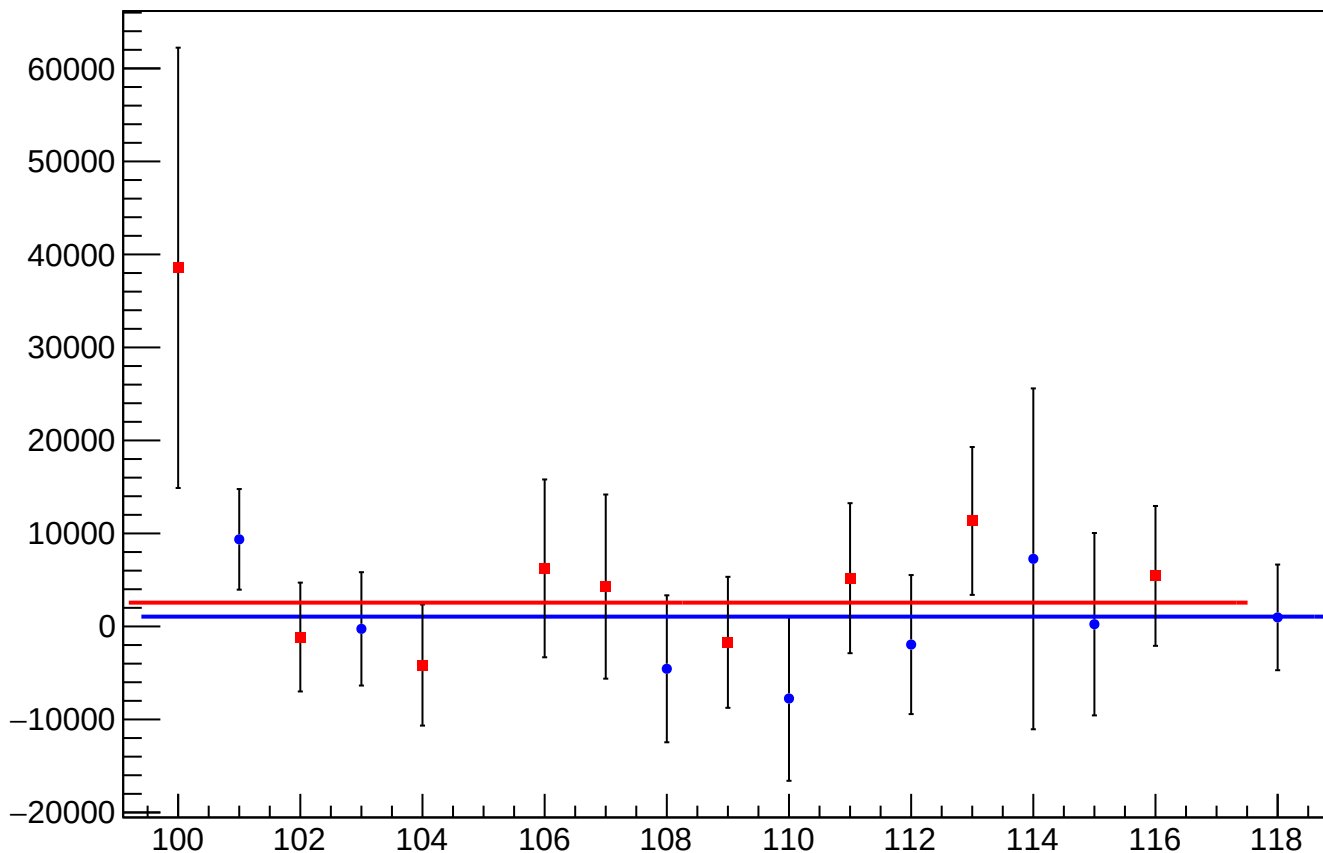
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4819.040+/-1.311 χ^2/NDF : 183324.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



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: 2560.890+/-2628.379 χ^2/NDF : 5.8/8

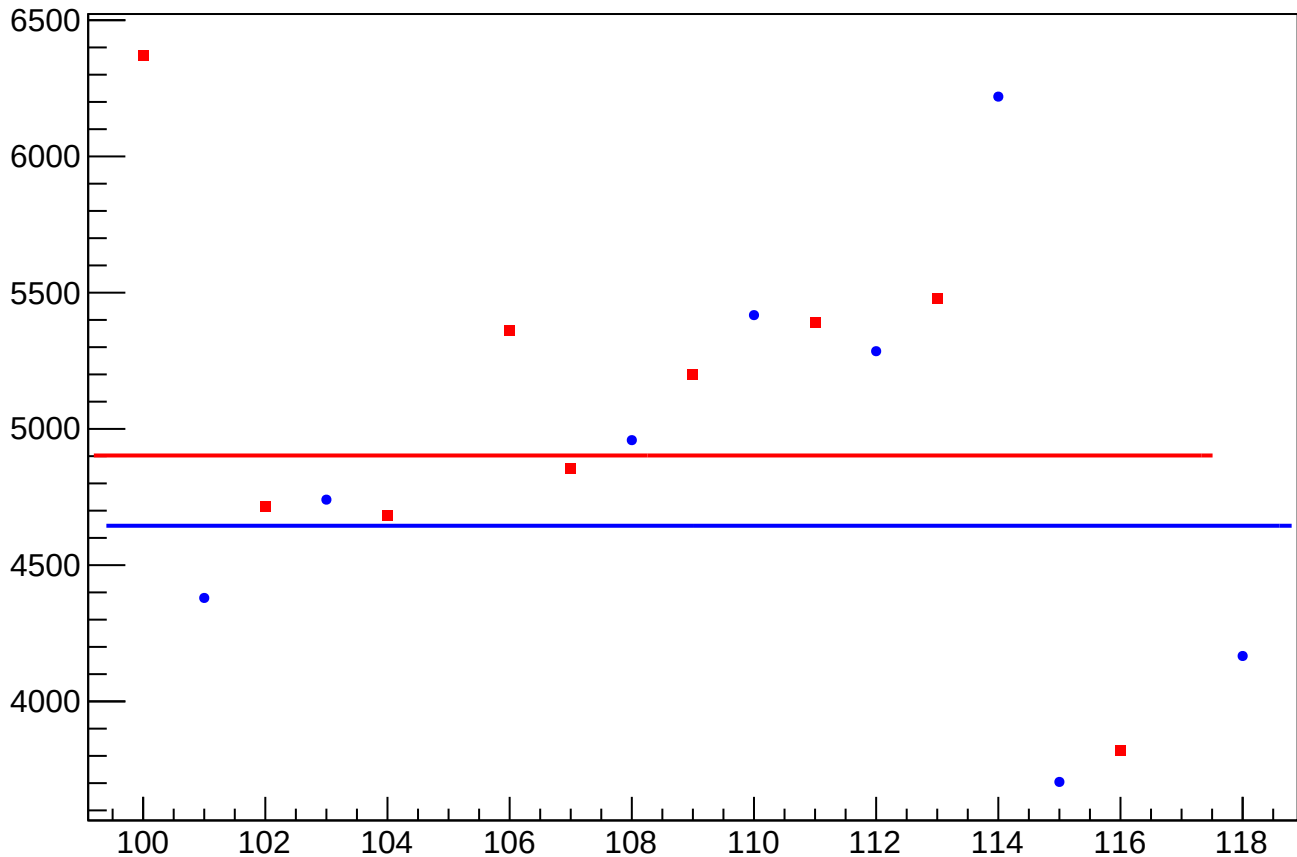
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1789.144+/-1835.242 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_rms vs Slug



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: 4902.479+/-1.859 χ^2/NDF : 79649.6/8

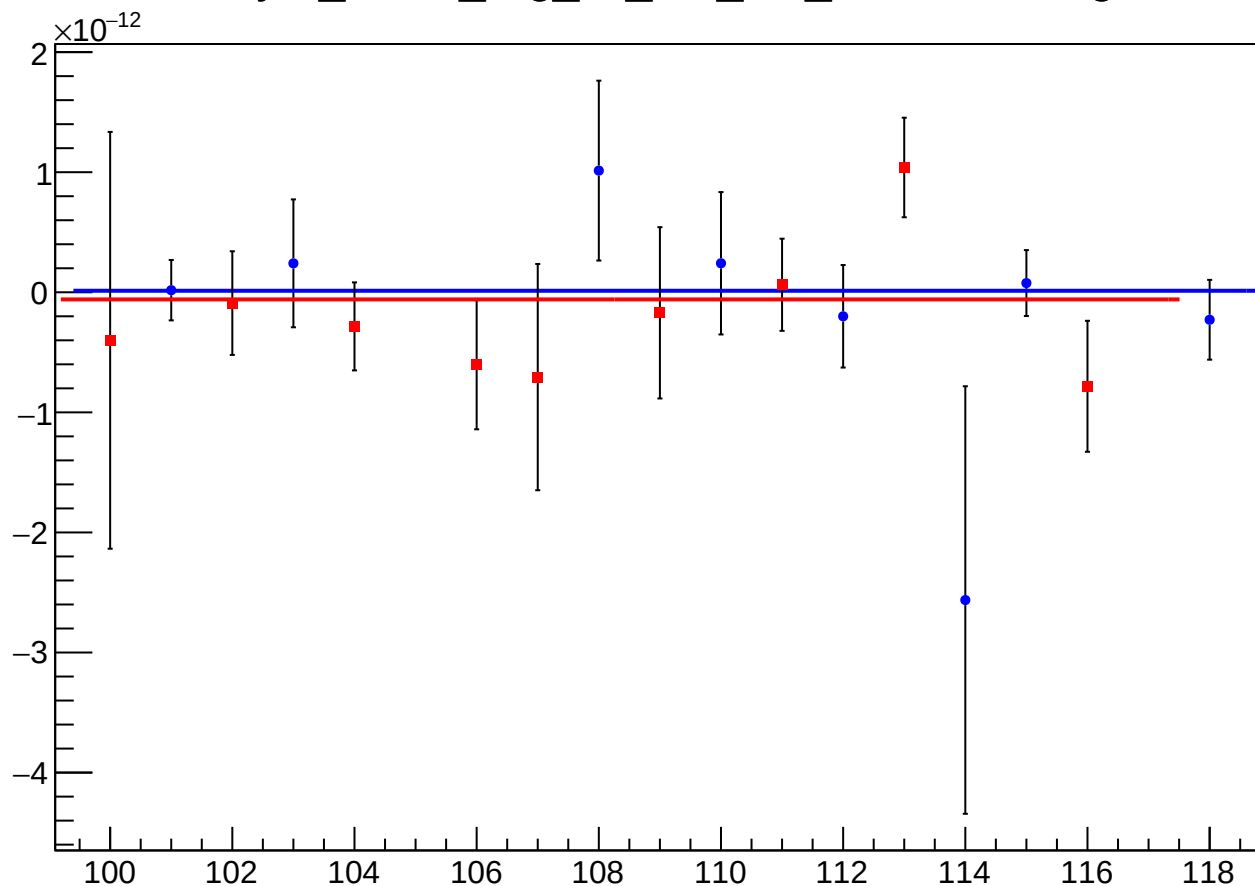
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4770.323+/-1.298 χ^2/NDF : 175238.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 5.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 10.8/8

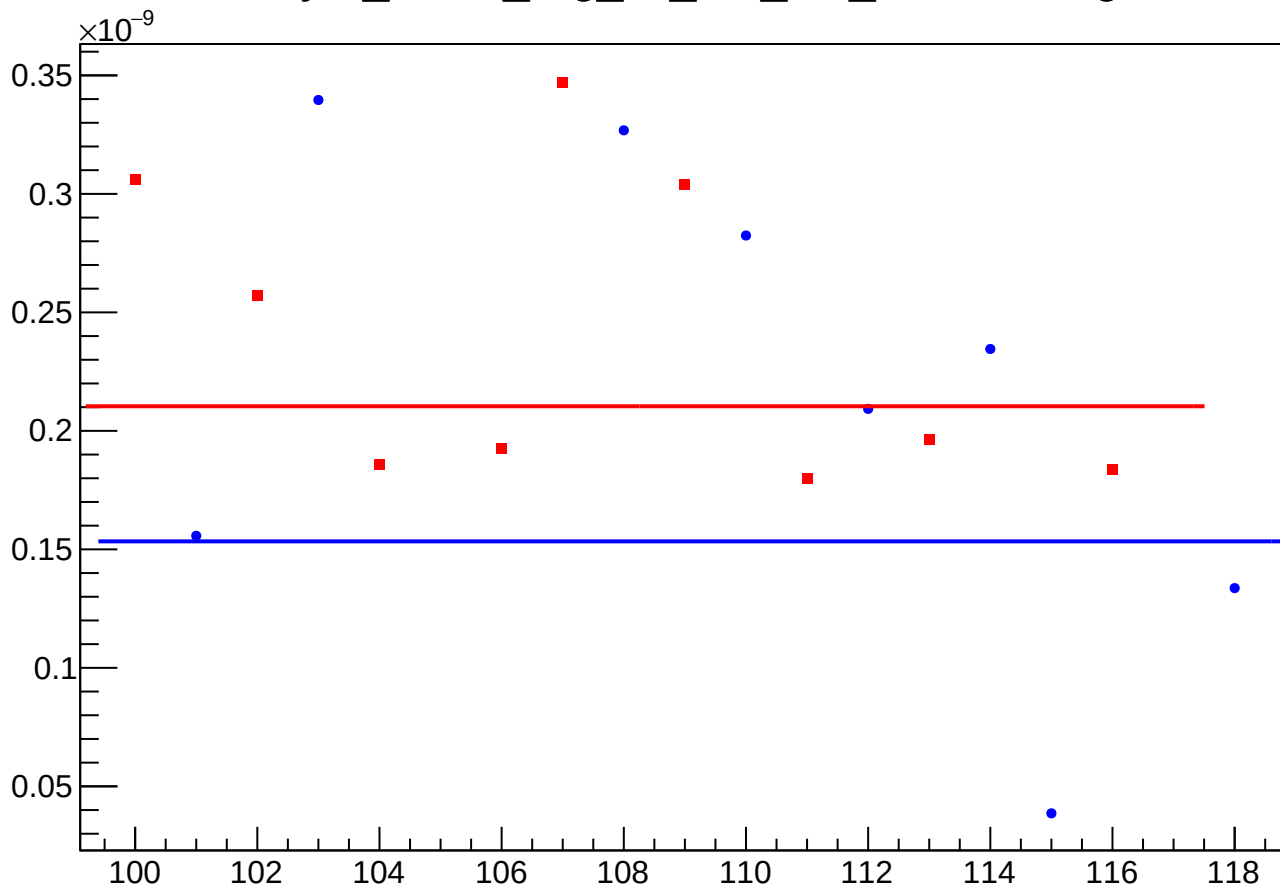
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 16.0/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 842201.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 136909.8/8

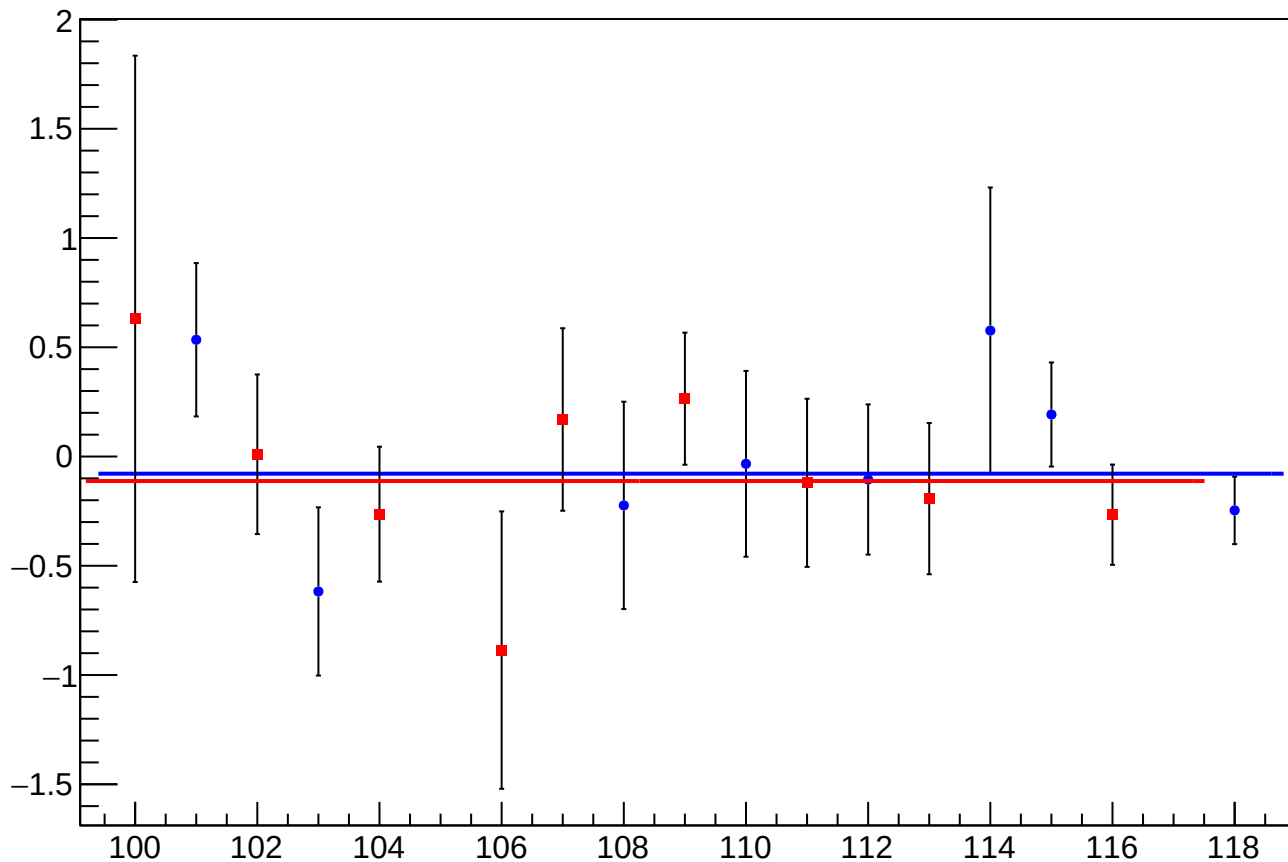
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1116715.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



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: -0.112 ± 0.118 χ^2/NDF : 4.7/8

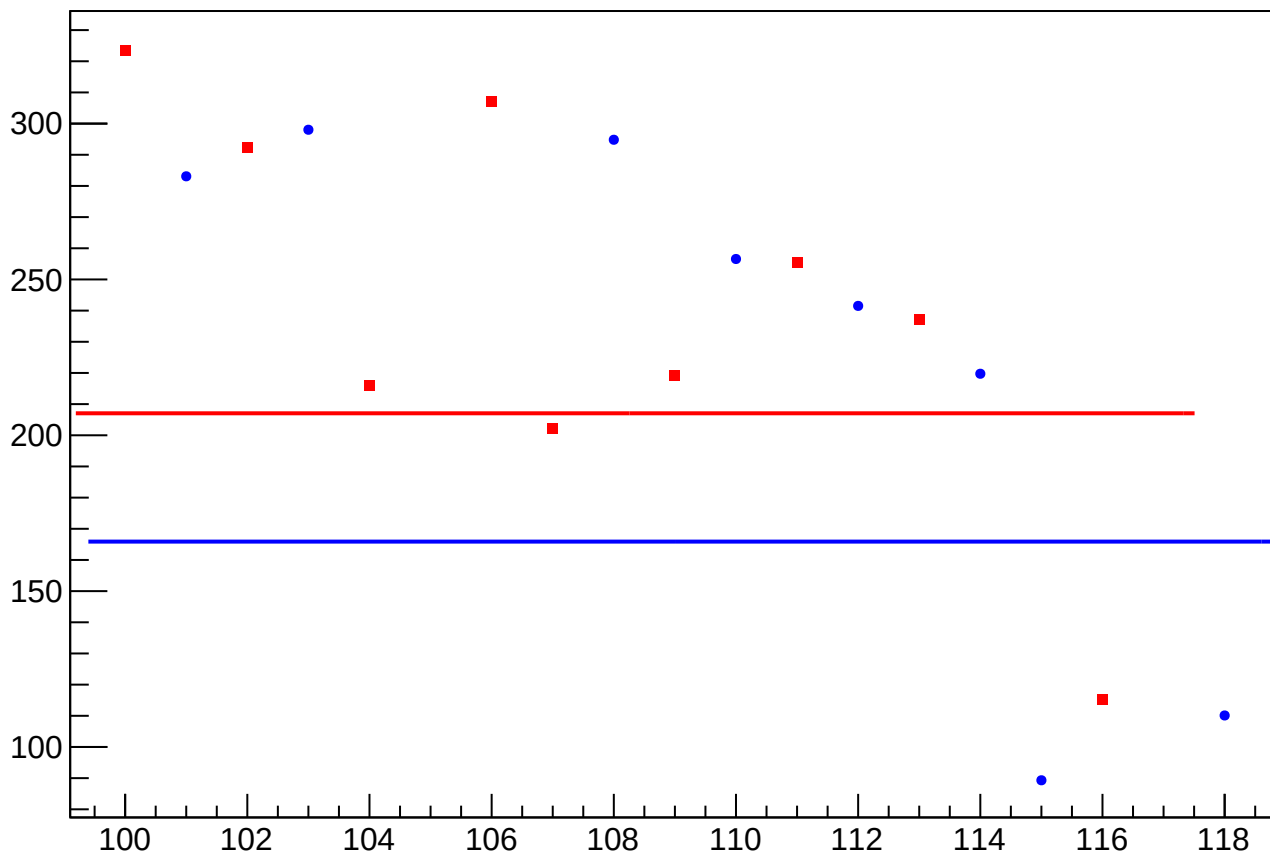
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.093 ± 0.077 χ^2/NDF : 13.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



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: 207.056+/-0.083 χ^2/NDF : 549739.8/8

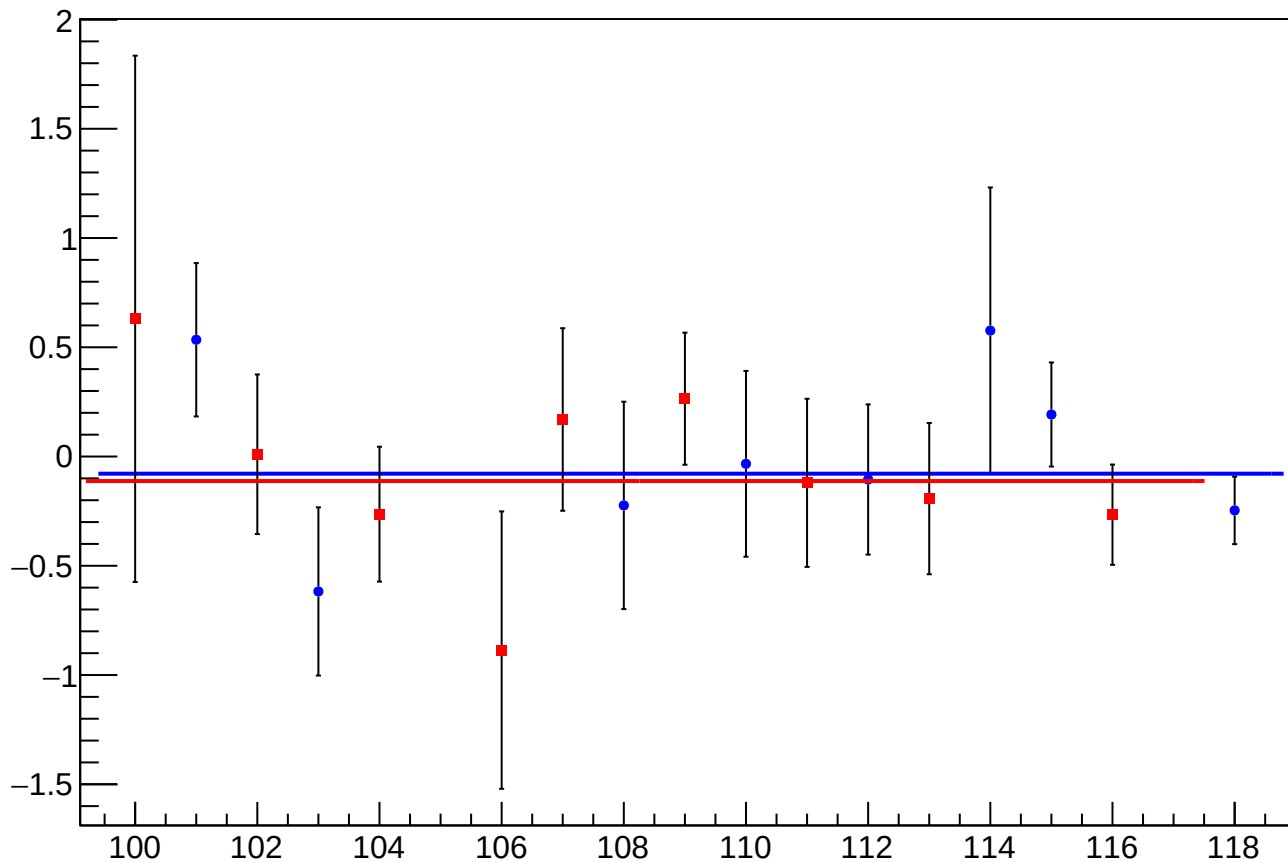
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.620+/-0.055 χ^2/NDF : 1963217.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.112+/-0.118 χ^2/NDF : 4.7/8

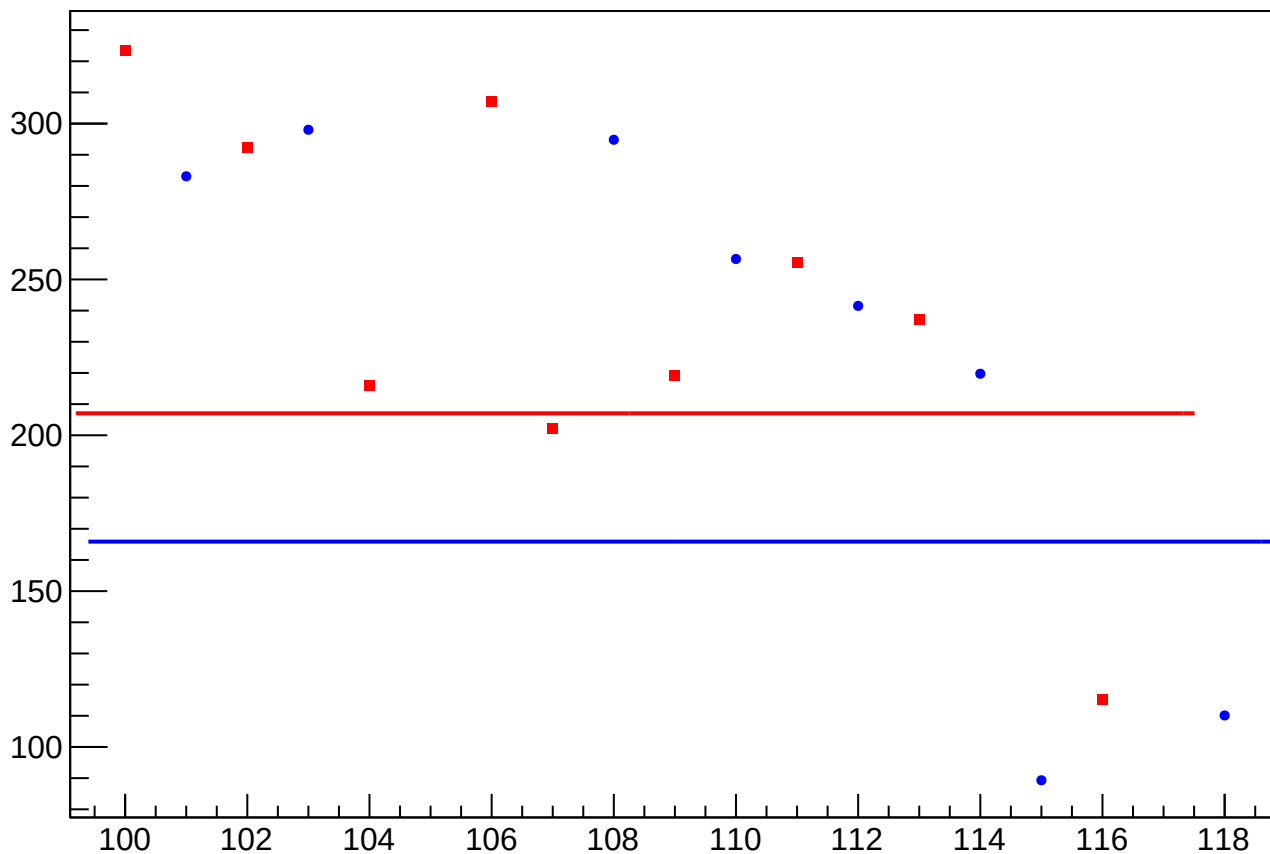
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.093+/-0.077 χ^2/NDF : 13.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



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: 207.056+/-0.083 χ^2/NDF : 549739.8/8

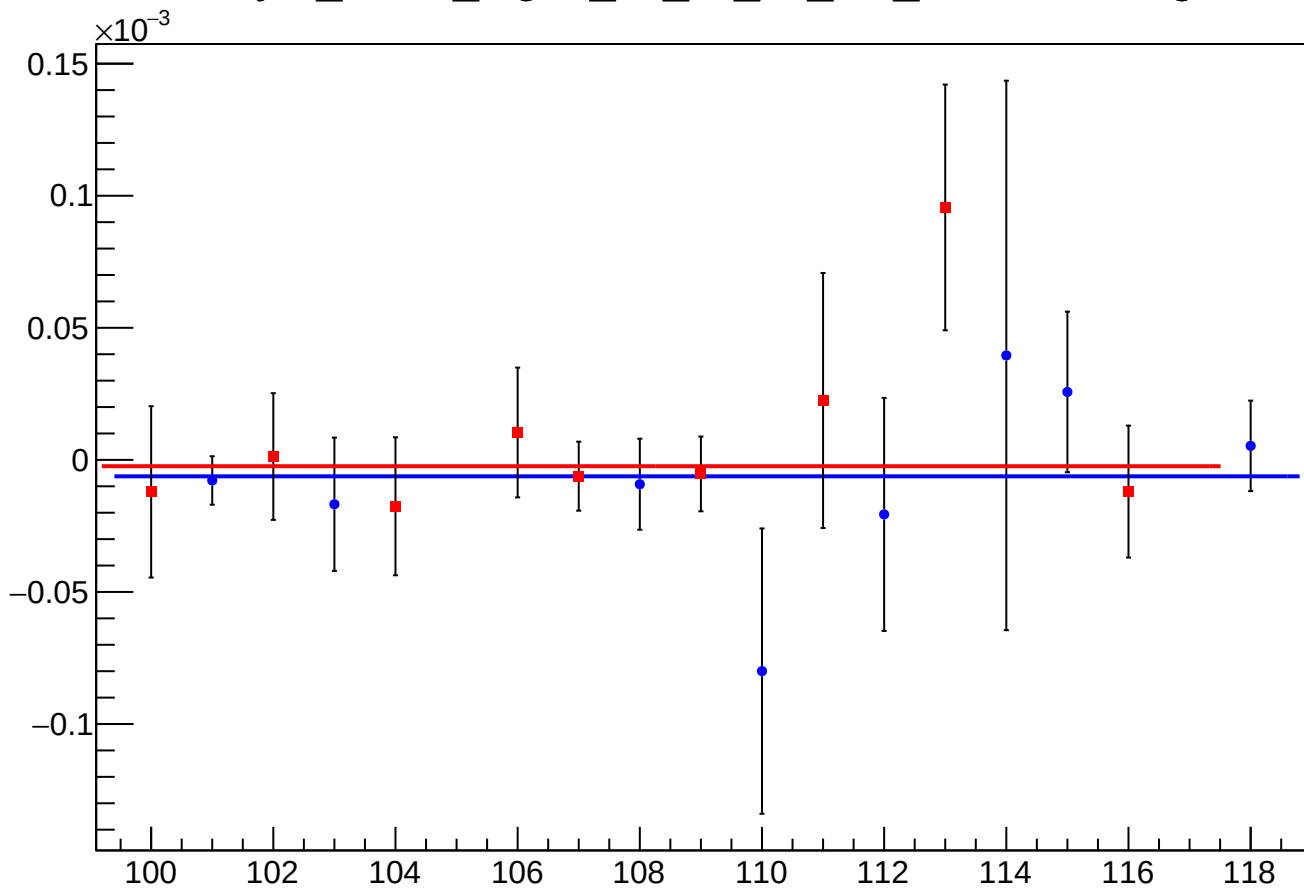
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.620+/-0.055 χ^2/NDF : 1963217.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



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: 5.7/8

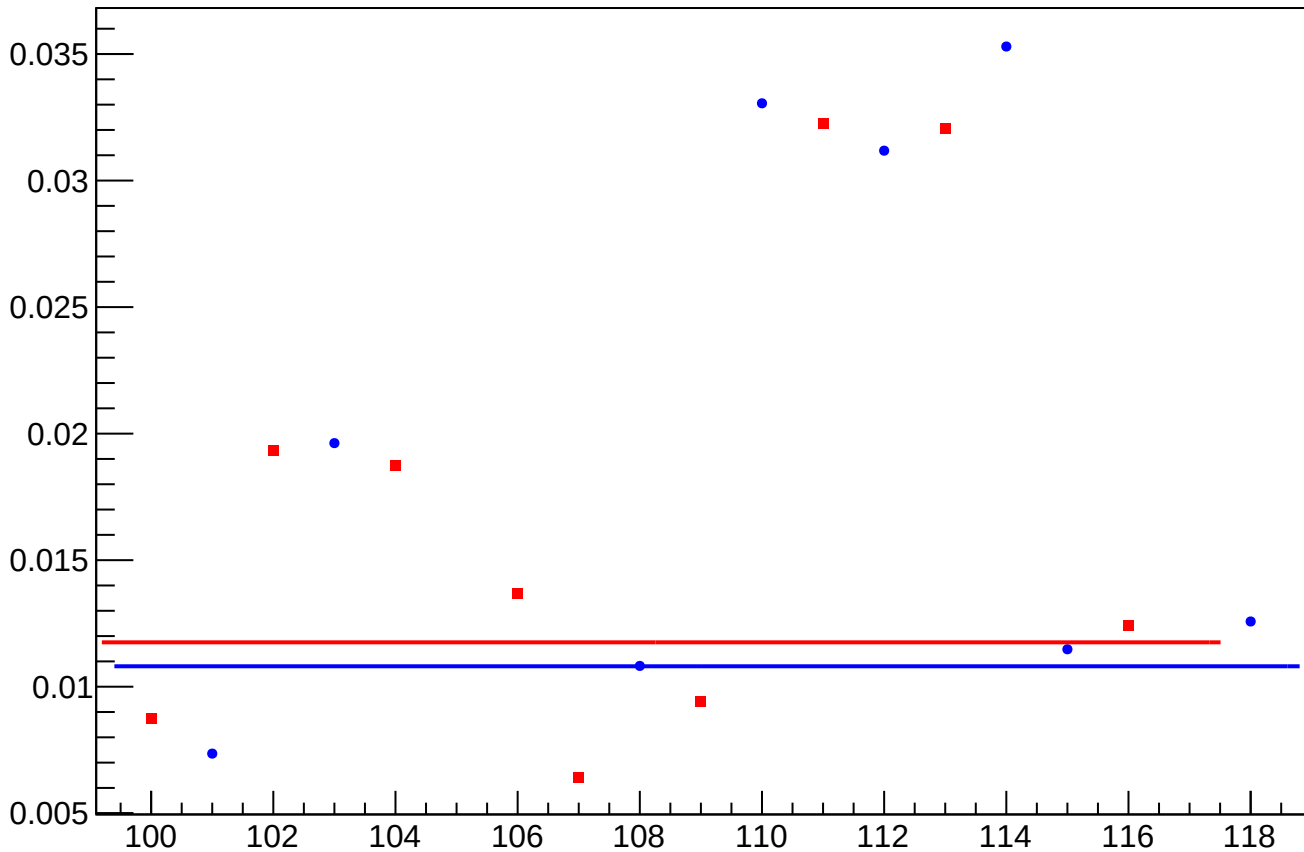
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1504704.9/8

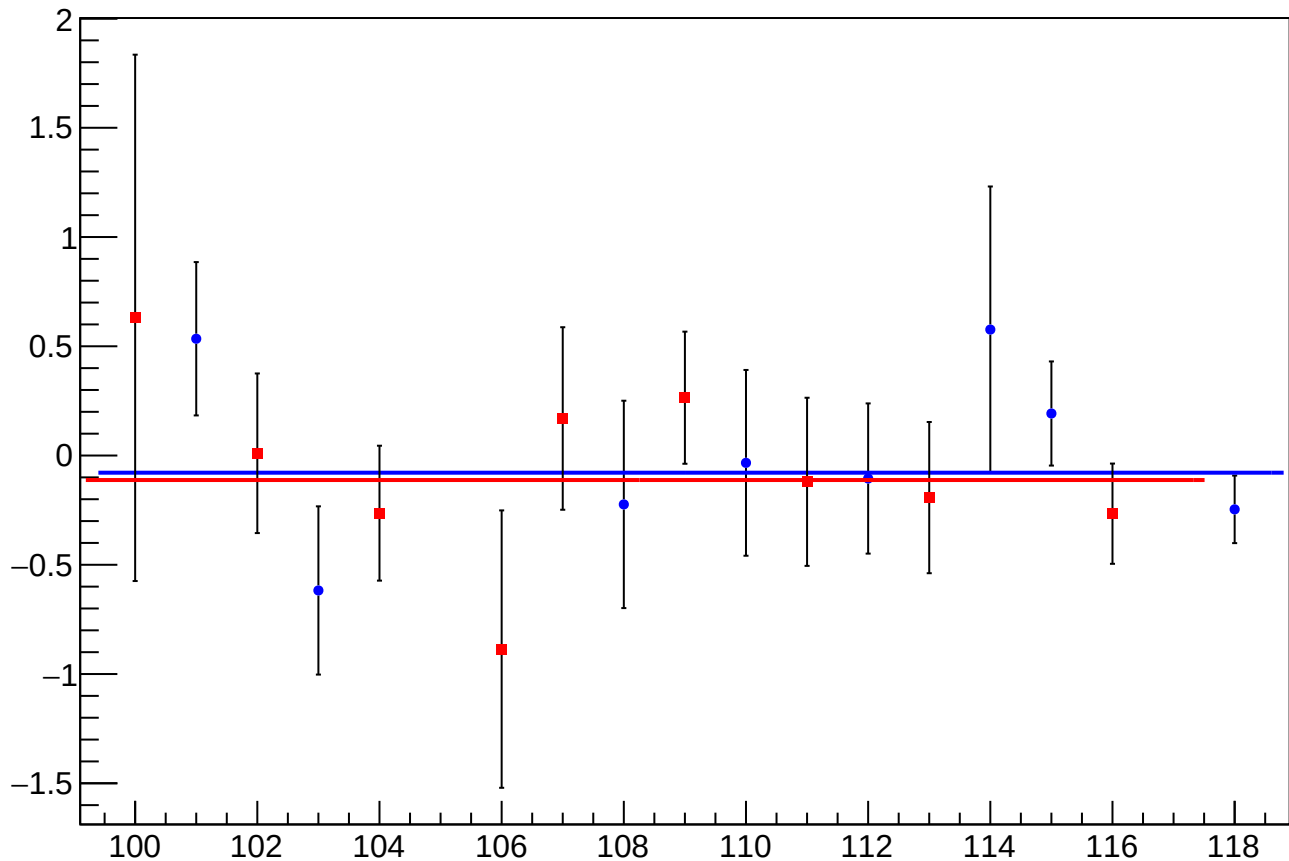
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 2949564.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.112+/-0.118 χ^2/NDF : 4.7/8

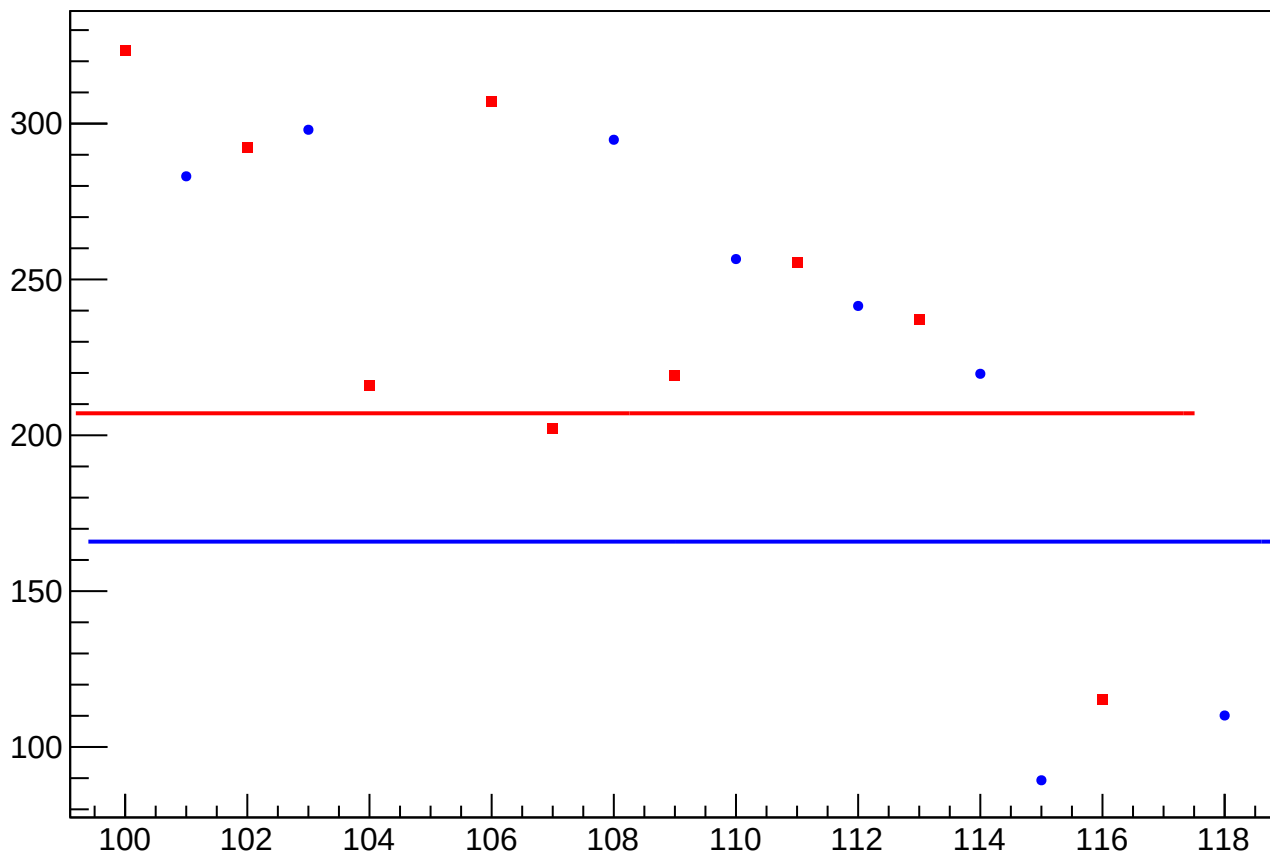
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.093+/-0.077 χ^2/NDF : 13.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 165.889 $\pm$ 0.073 χ^2 /NDF: 1274588.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 207.059 $\pm$ 0.083 χ^2 /NDF: 549600.7/8

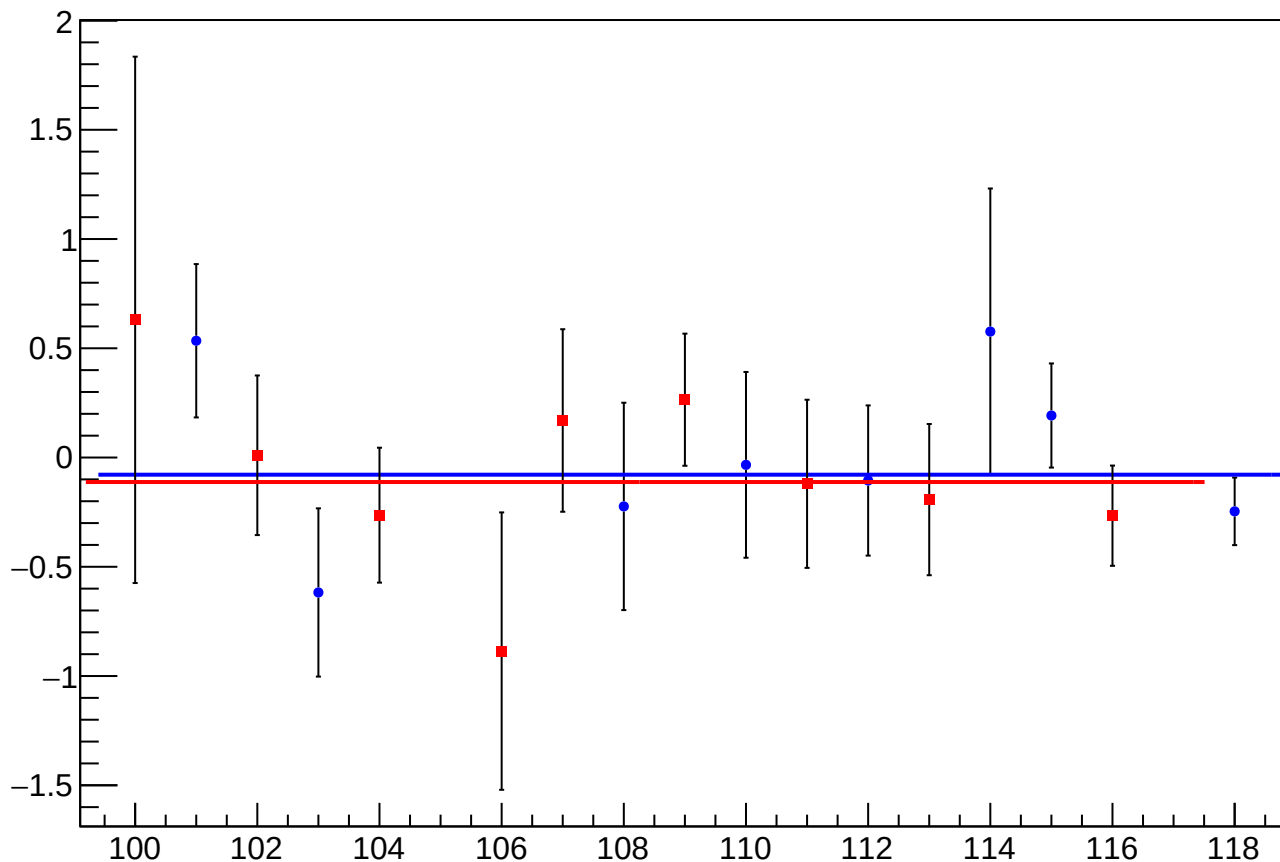
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.620 $\pm$ 0.055 χ^2 /NDF: 1963029.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.112+/-0.118 χ^2/NDF : 4.7/8

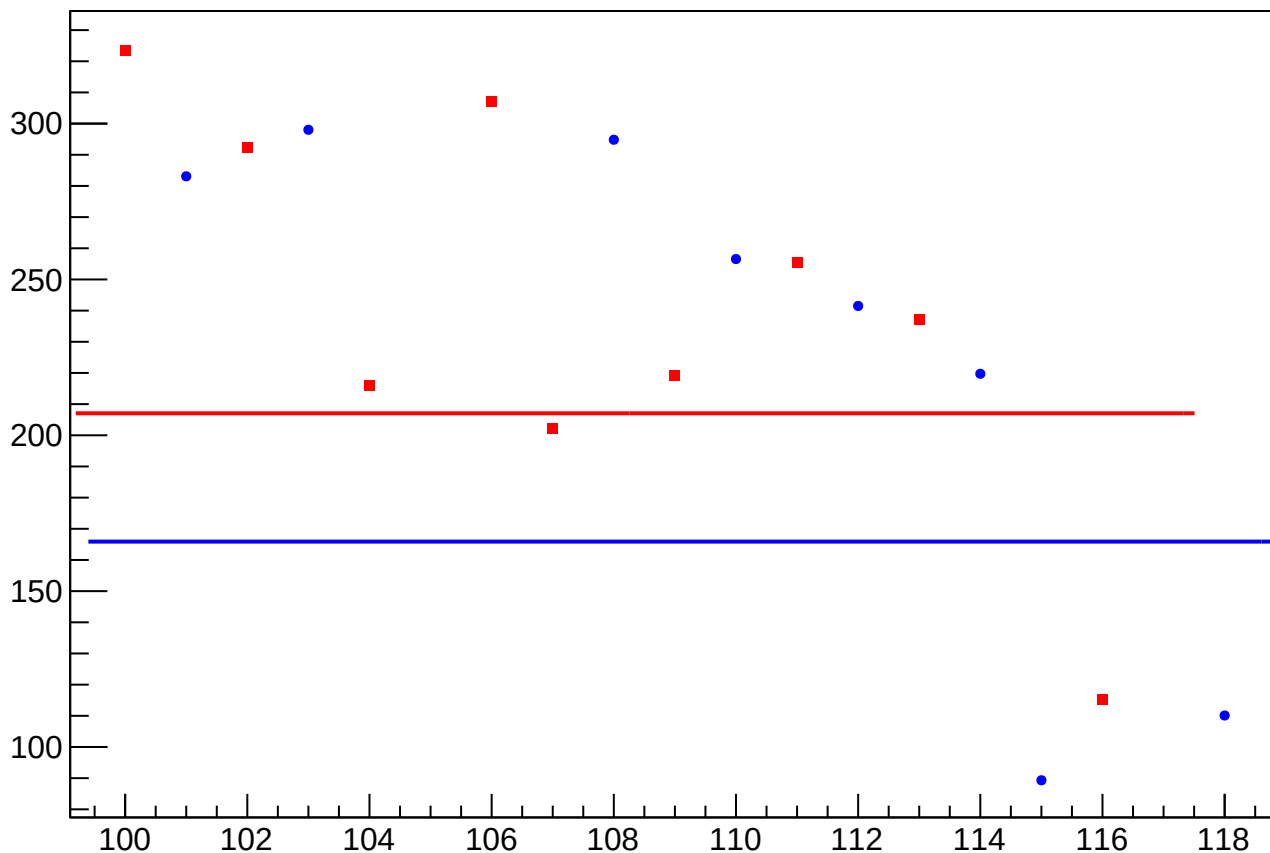
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.093+/-0.077 χ^2/NDF : 13.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 207.059+/-0.083 χ^2/NDF : 549600.7/8

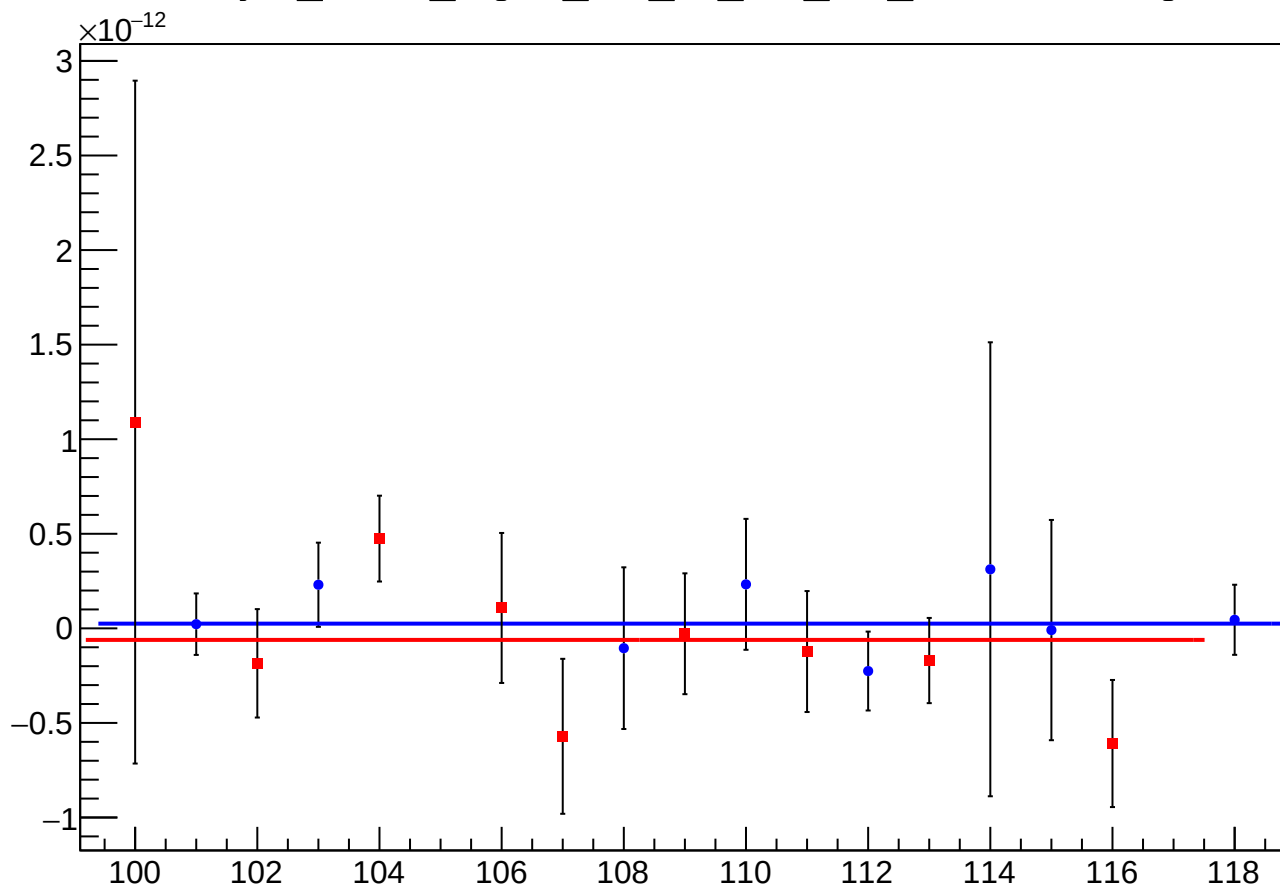
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.620+/-0.055 χ^2/NDF : 1963029.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



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 : 10.8/8

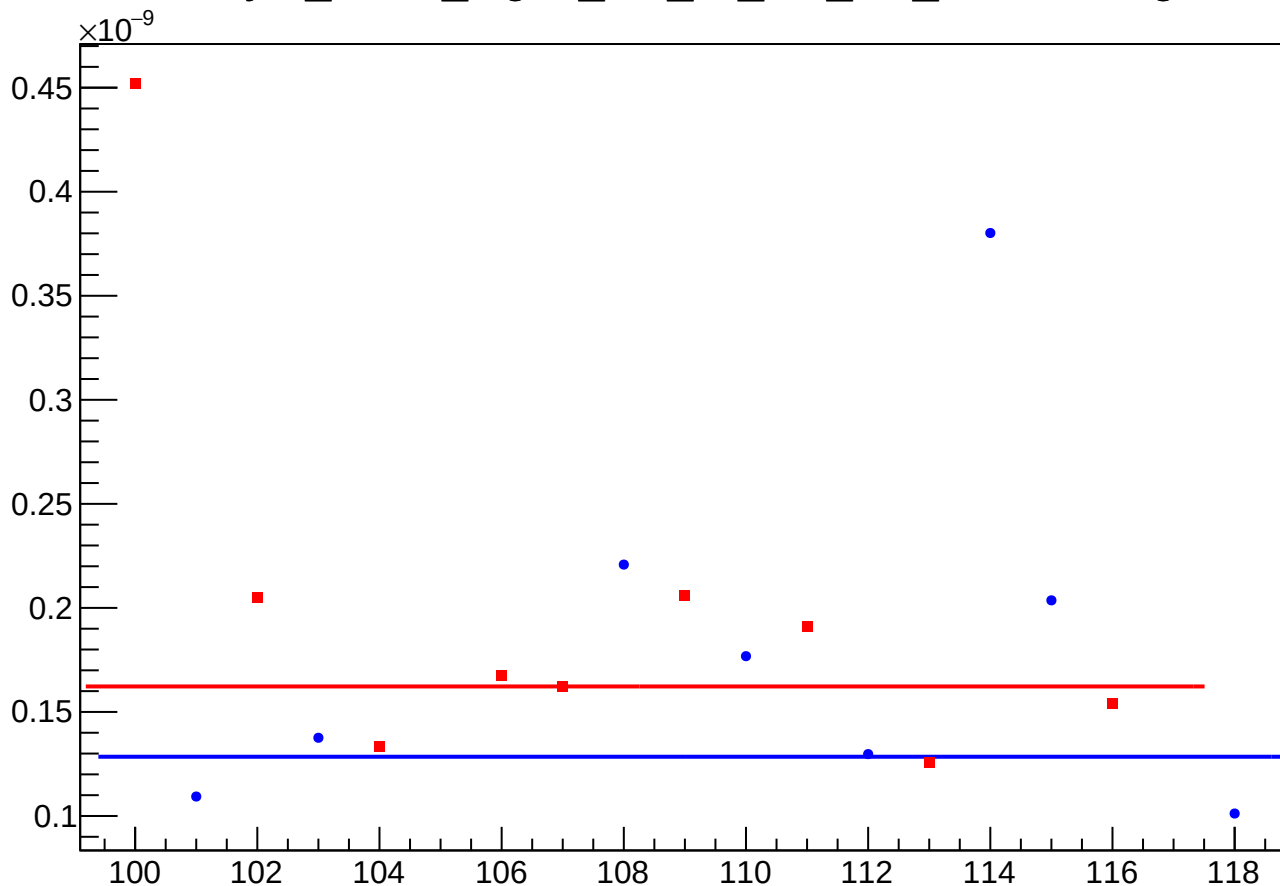
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



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 : 236545.5/8

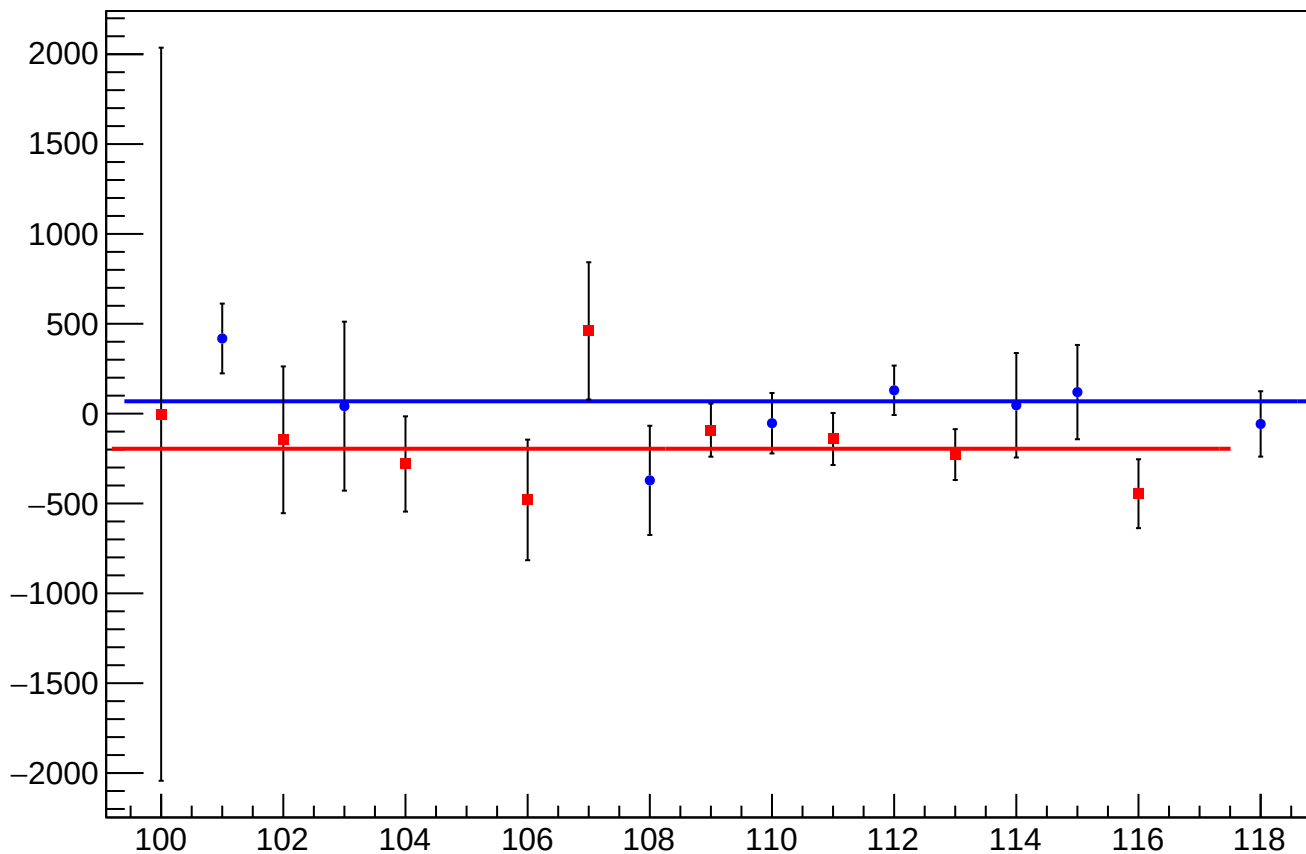
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 686980.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



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: -195.420+/-69.517 χ^2/NDF : 6.2/8

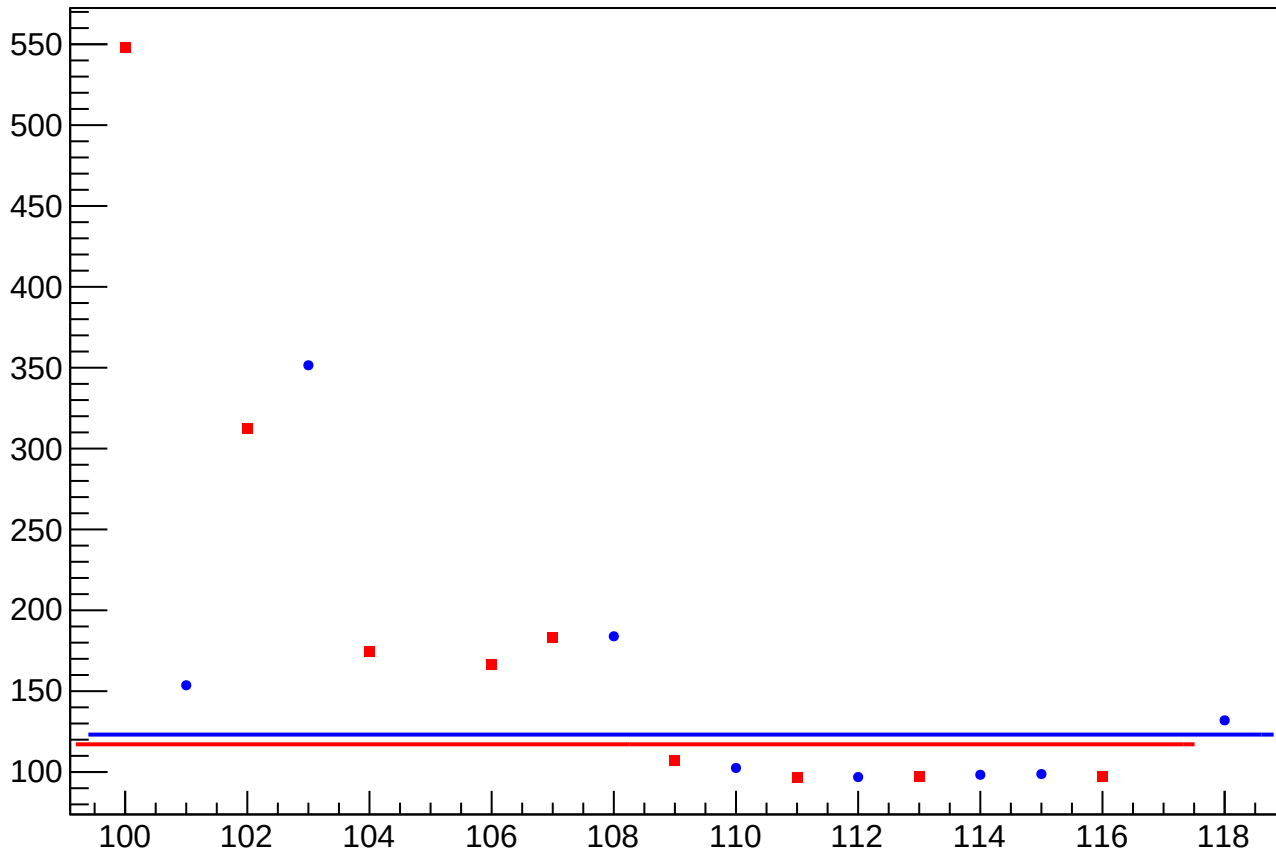
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.204+/-50.401 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 123.158 $\pm$ 0.052 χ^2 /NDF: 740820.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.143 $\pm$ 0.049 χ^2 /NDF: 854384.9/8

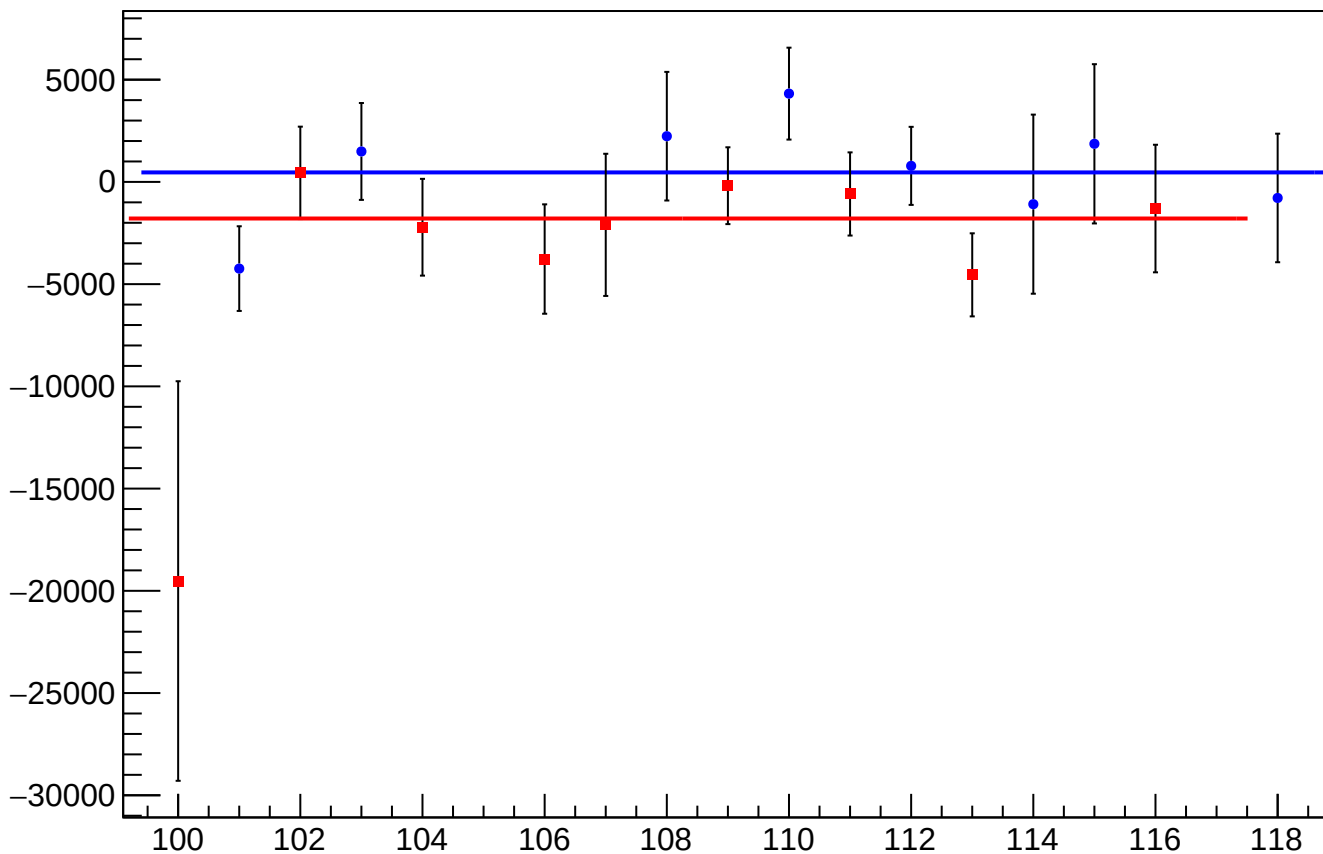
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.996 $\pm$ 0.036 χ^2 /NDF: 1602306.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: 464.354 $\pm$ 911.312 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1790.212 $\pm$ 822.721 χ^2 /NDF: 7.8/8

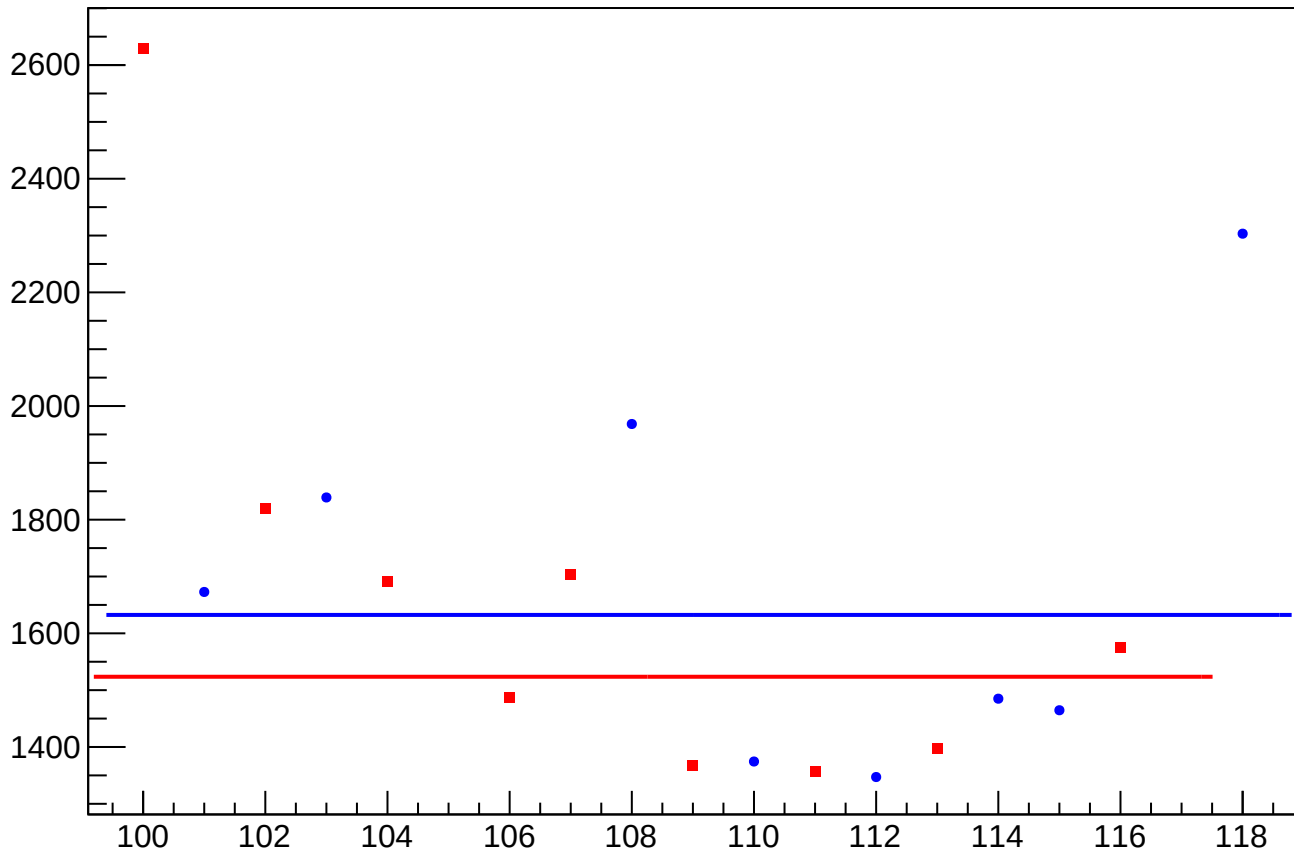
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -777.813 $\pm$ 610.677 χ^2 /NDF: 20.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_rms vs Slug



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: 1523.596+/-0.582 χ^2/NDF : 110815.0/8

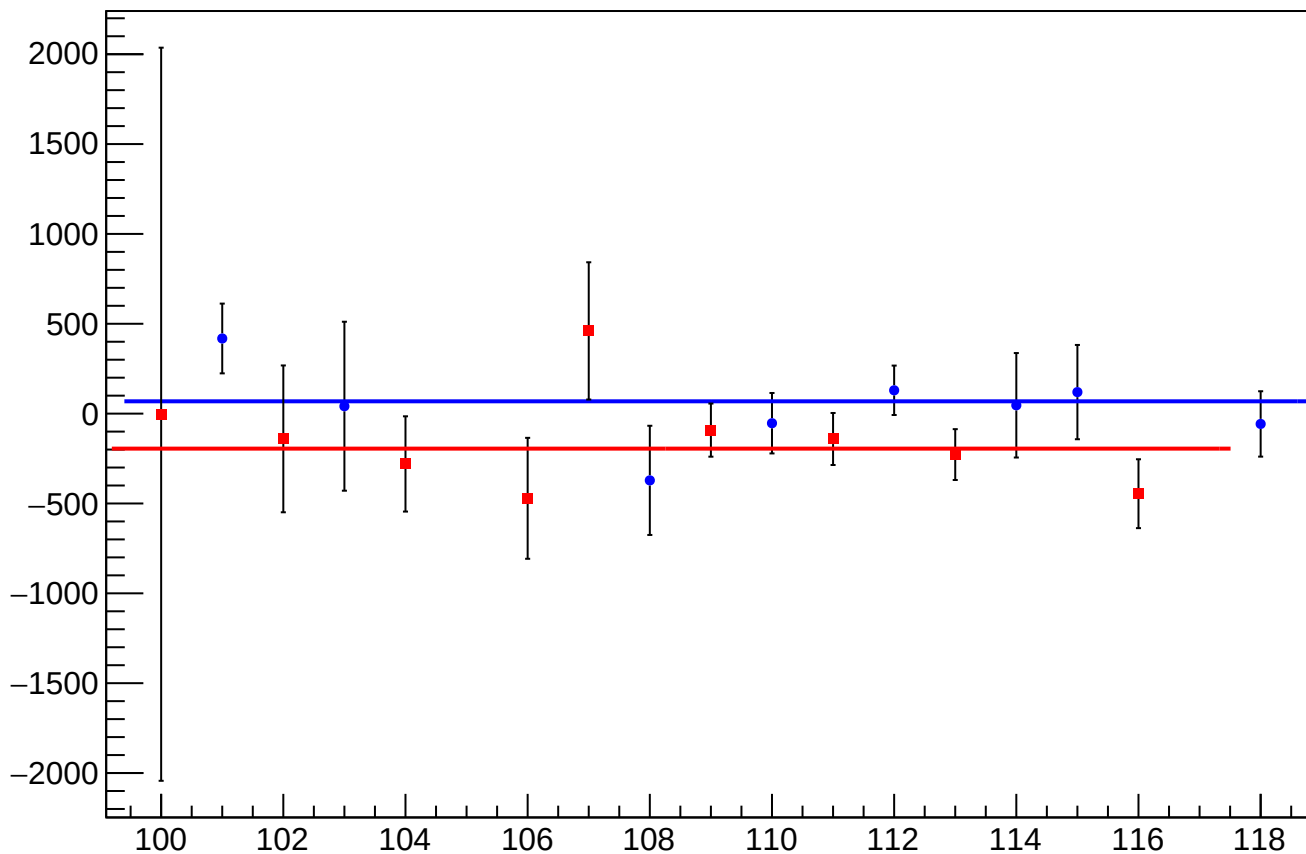
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1572.453+/-0.432 χ^2/NDF : 333400.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_mean vs Slug



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: -194.788+/-69.527 χ^2/NDF : 6.1/8

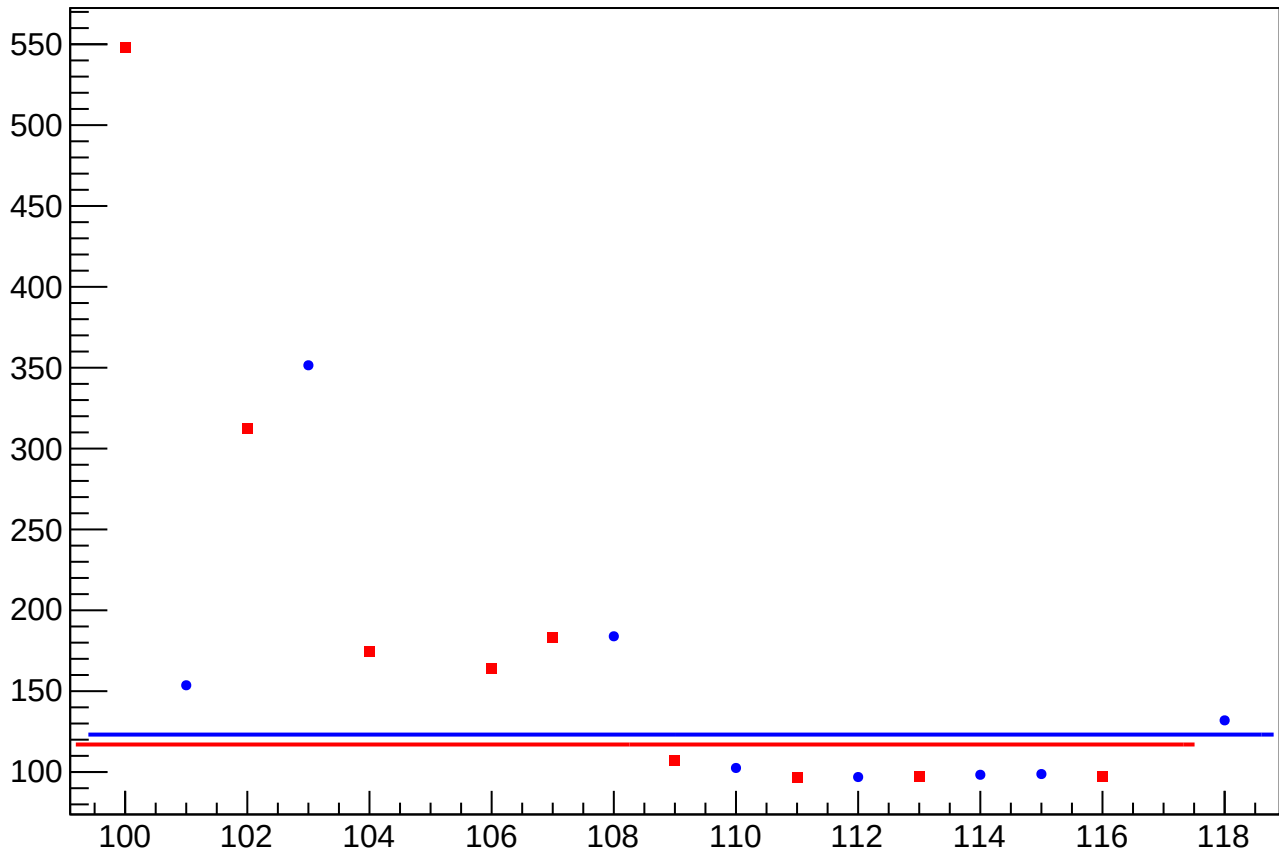
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.865+/-50.405 χ^2/NDF : 19.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 123.158 $\pm$ 0.052 χ^2 /NDF: 740822.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.024 $\pm$ 0.049 χ^2 /NDF: 850097.1/8

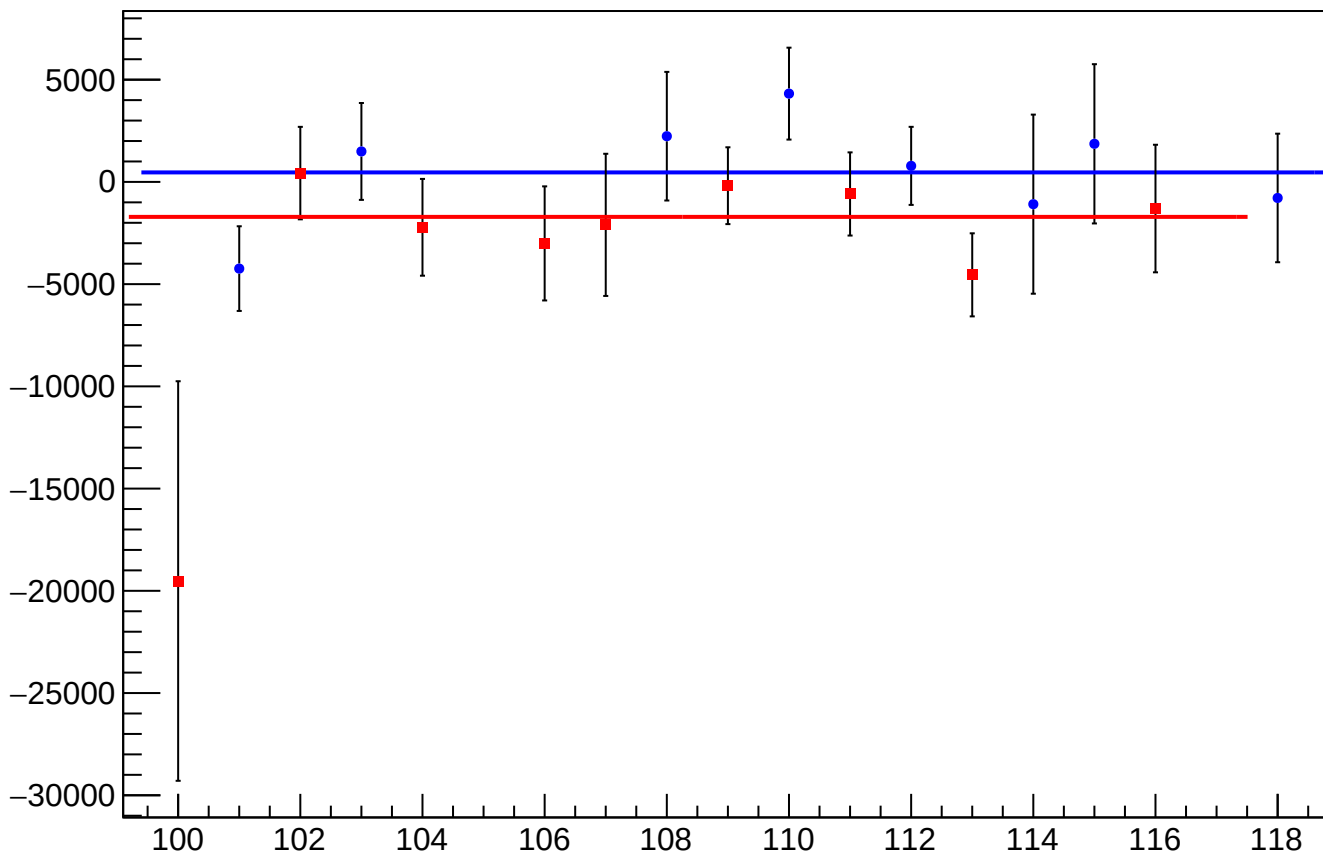
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.934 $\pm$ 0.036 χ^2 /NDF: 1598305.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



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: -1710.413+/-825.982 χ^2/NDF : 7.4/8

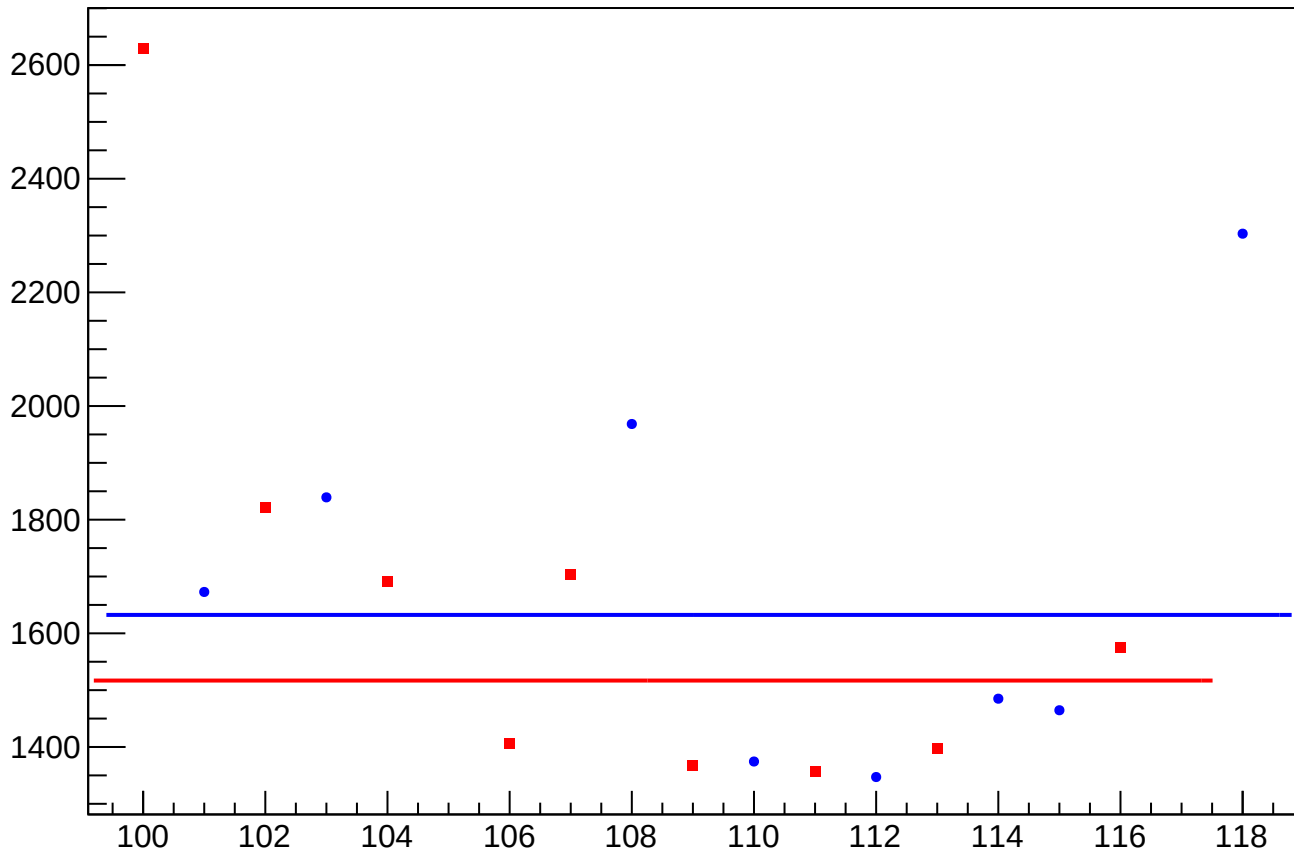
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -729.578+/-612.011 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_cor_correction_rms vs Slug



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: 1516.904+/-0.584 χ^2/NDF : 114139.3/8

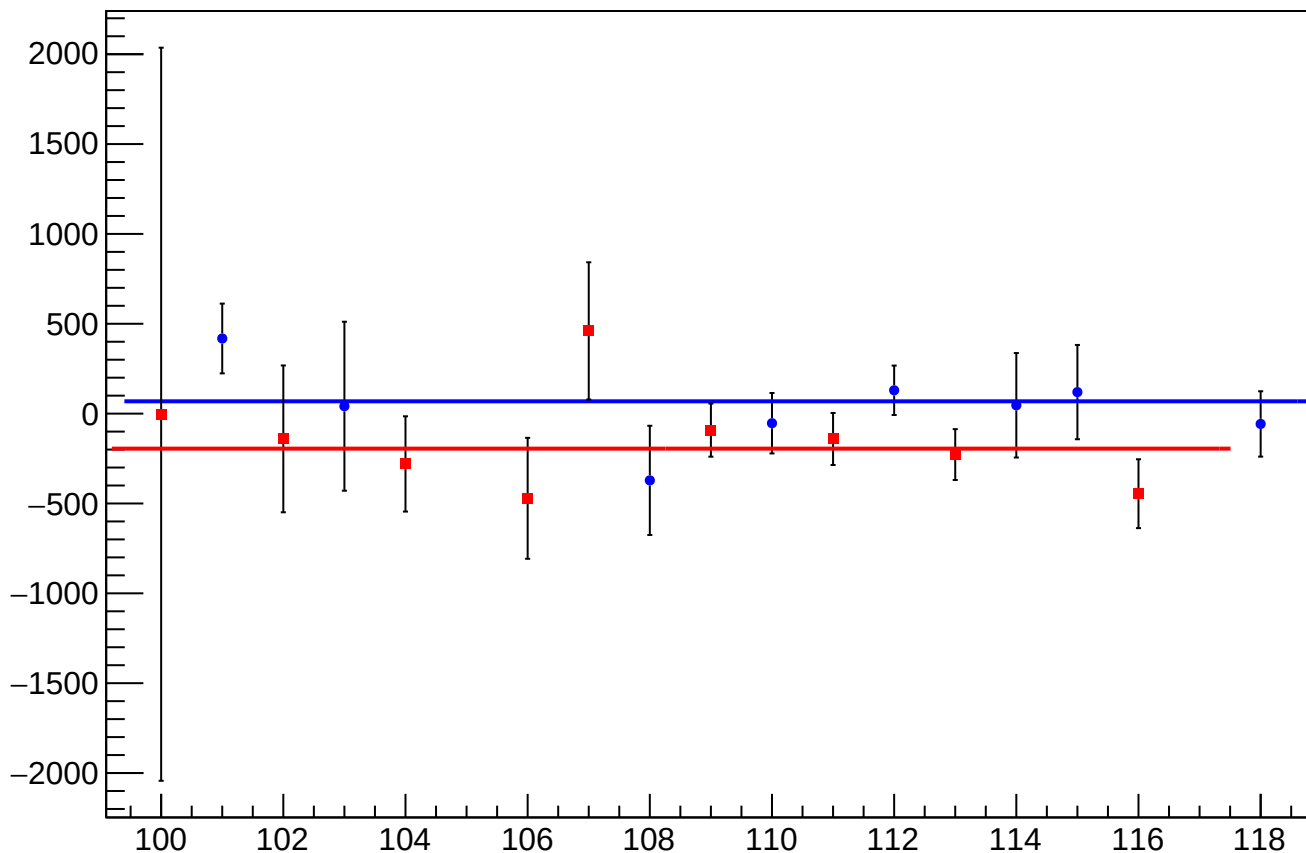
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.000+/-0.433 χ^2/NDF : 338685.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_mean vs Slug



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: -194.788+/-69.527 χ^2/NDF : 6.1/8

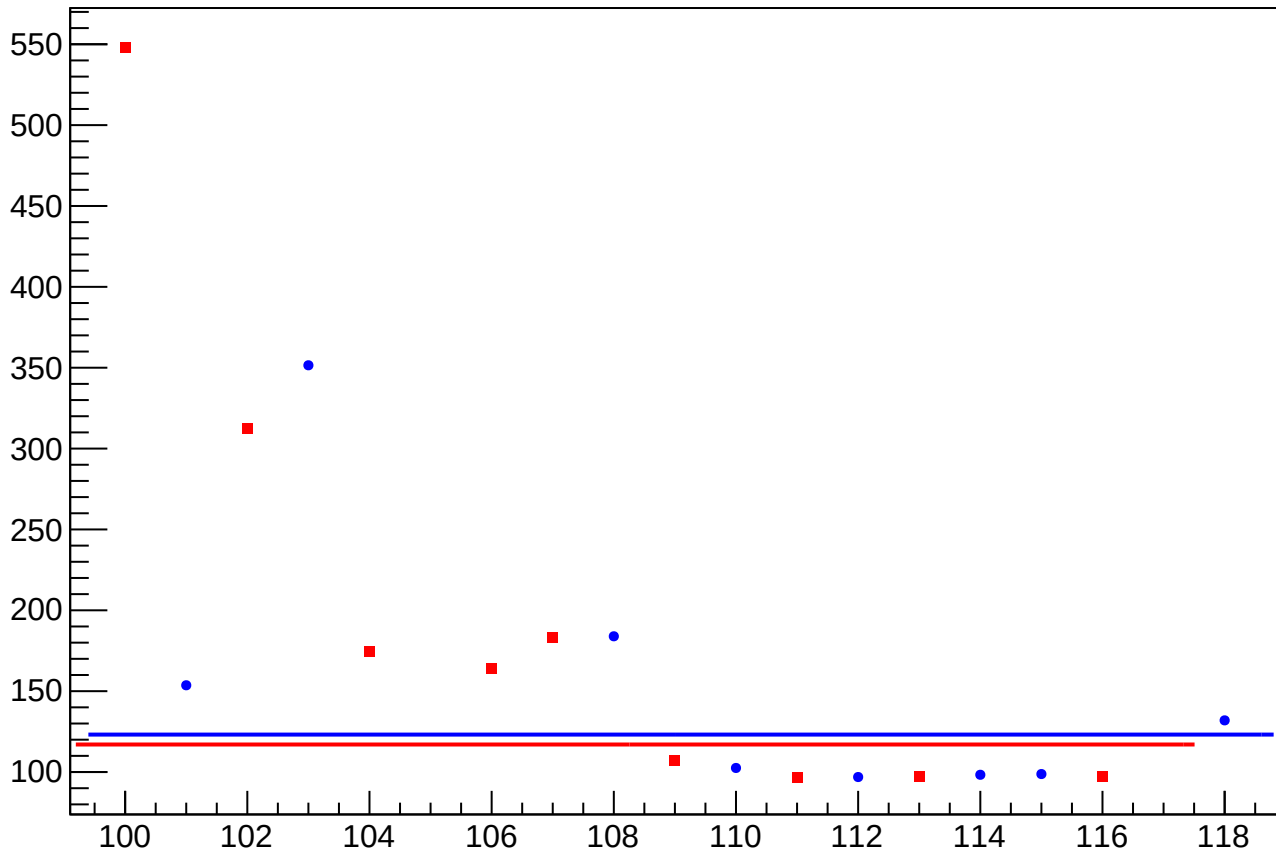
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.865+/-50.405 χ^2/NDF : 19.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 123.158 $\pm$ 0.052 χ^2 /NDF: 740822.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 117.024 $\pm$ 0.049 χ^2 /NDF: 850097.1/8

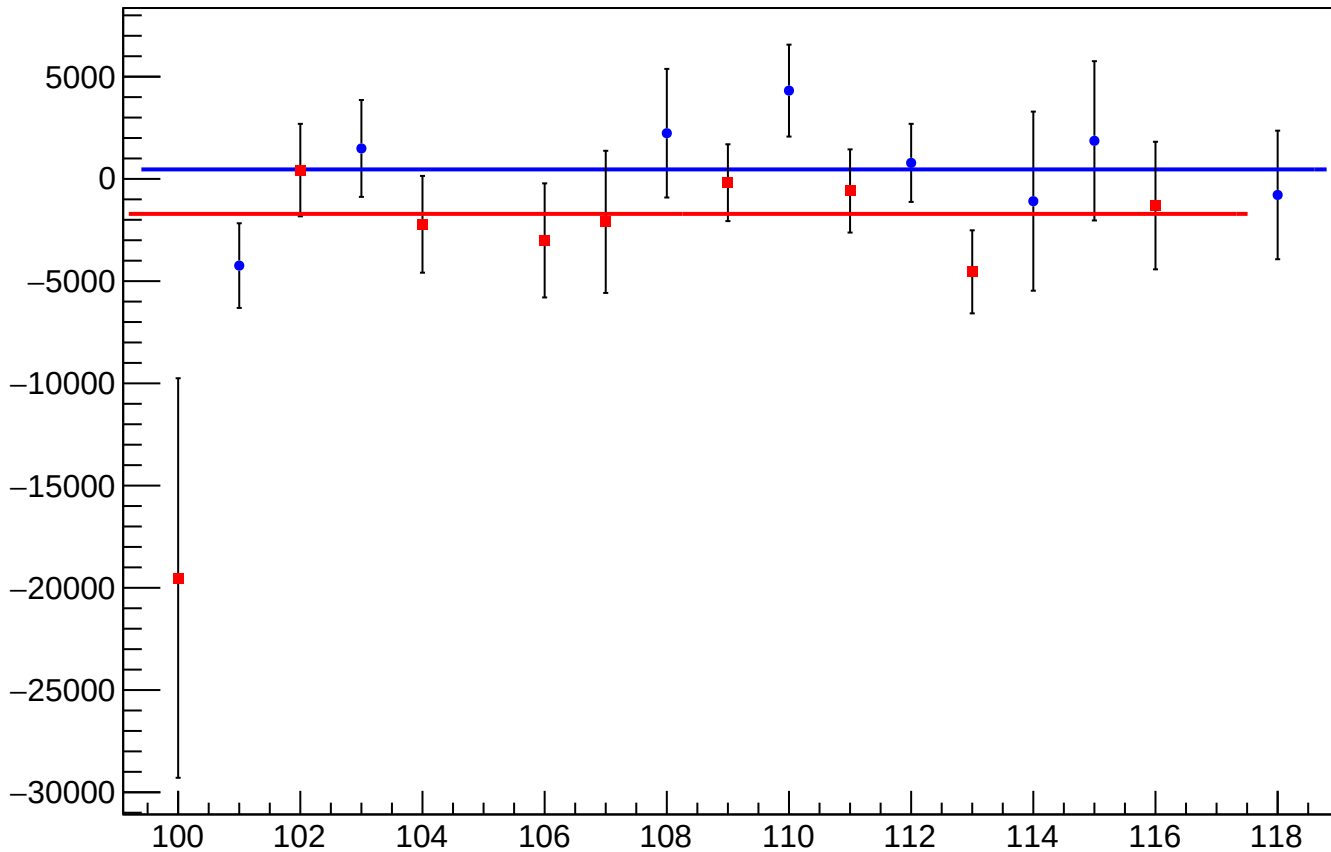
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 119.934 $\pm$ 0.036 χ^2 /NDF: 1598305.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



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: -1710.413+/-825.982 χ^2/NDF : 7.4/8

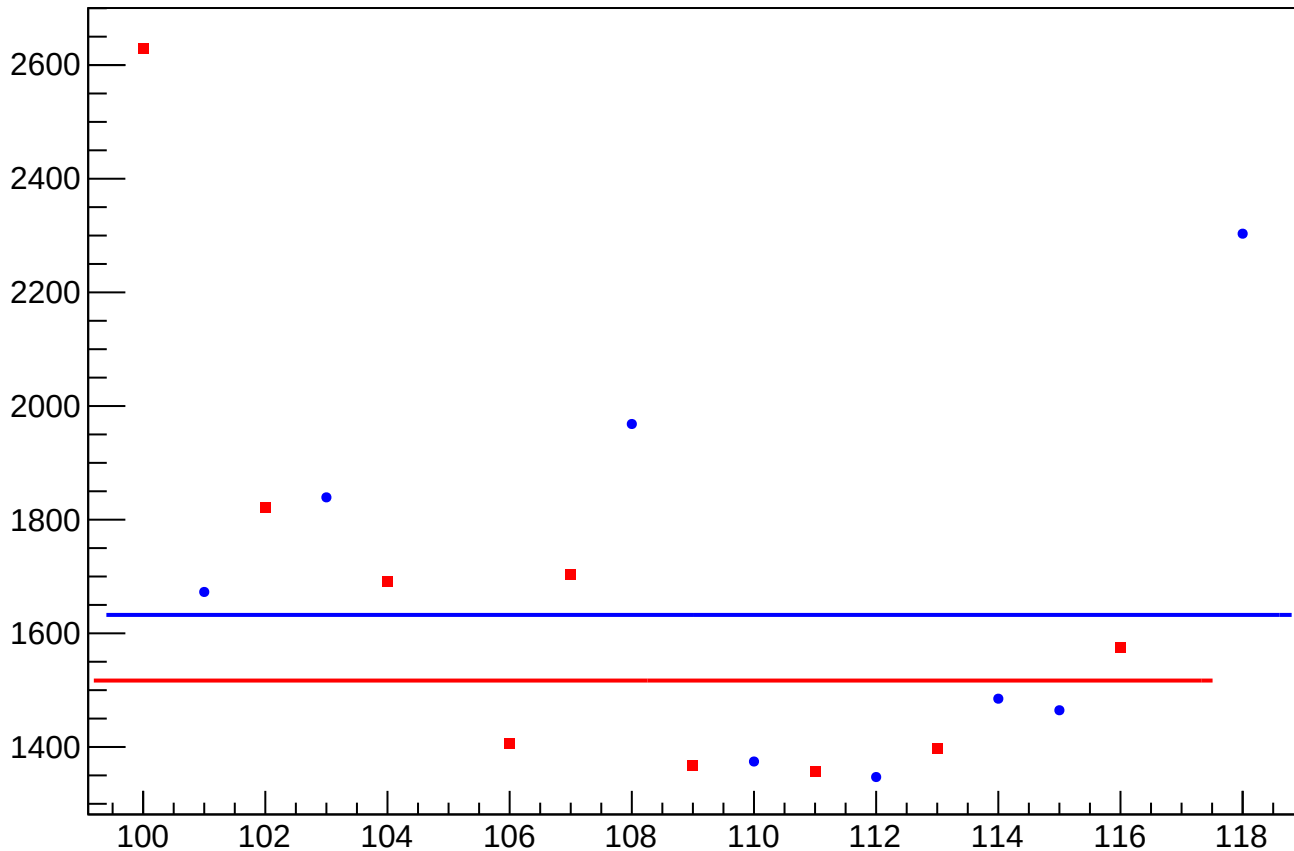
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -729.578+/-612.011 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



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: 1516.904+/-0.584 χ^2/NDF : 114139.3/8

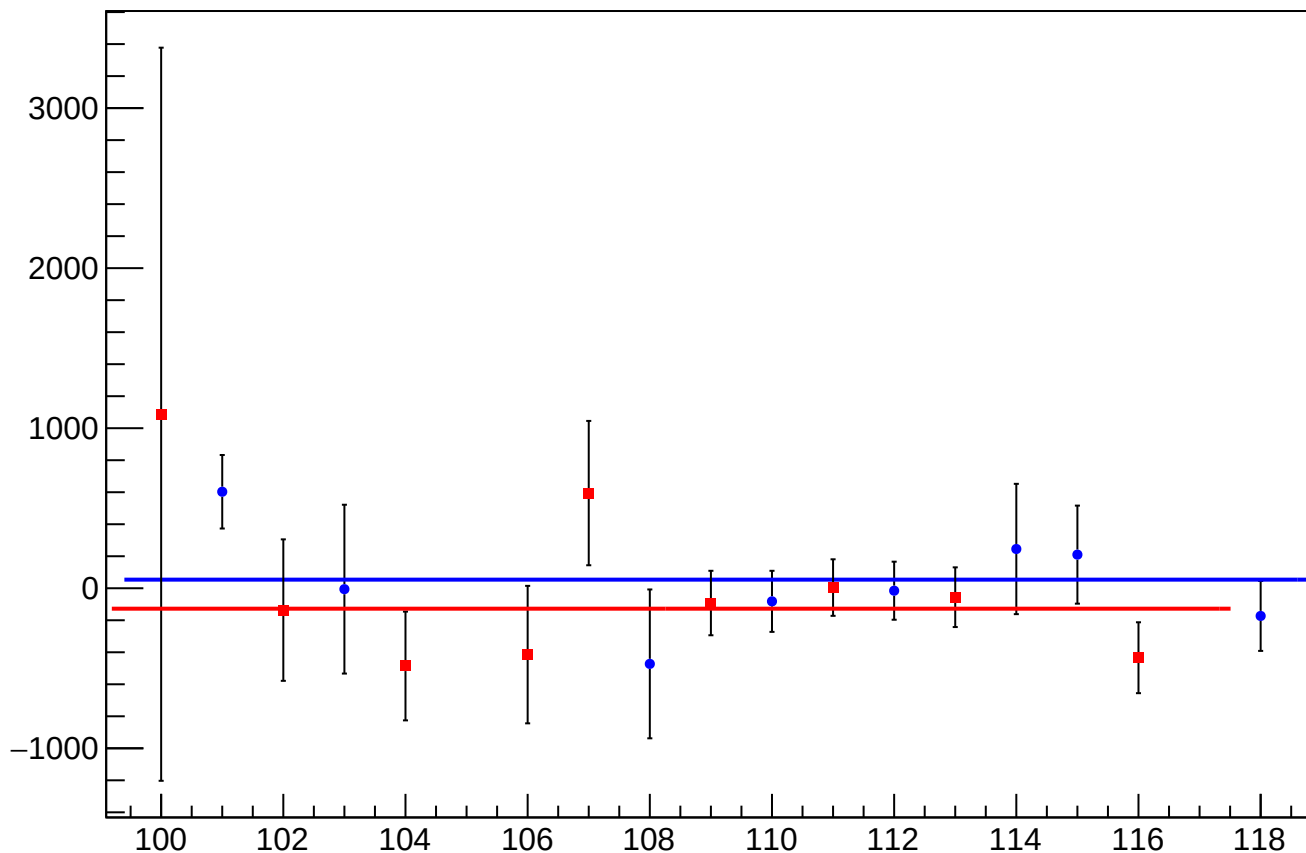
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1569.000+/-0.433 χ^2/NDF : 338685.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 53.766 $\pm$ 90.271 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -127.671 $\pm$ 87.659 χ^2 /NDF: 7.1/8

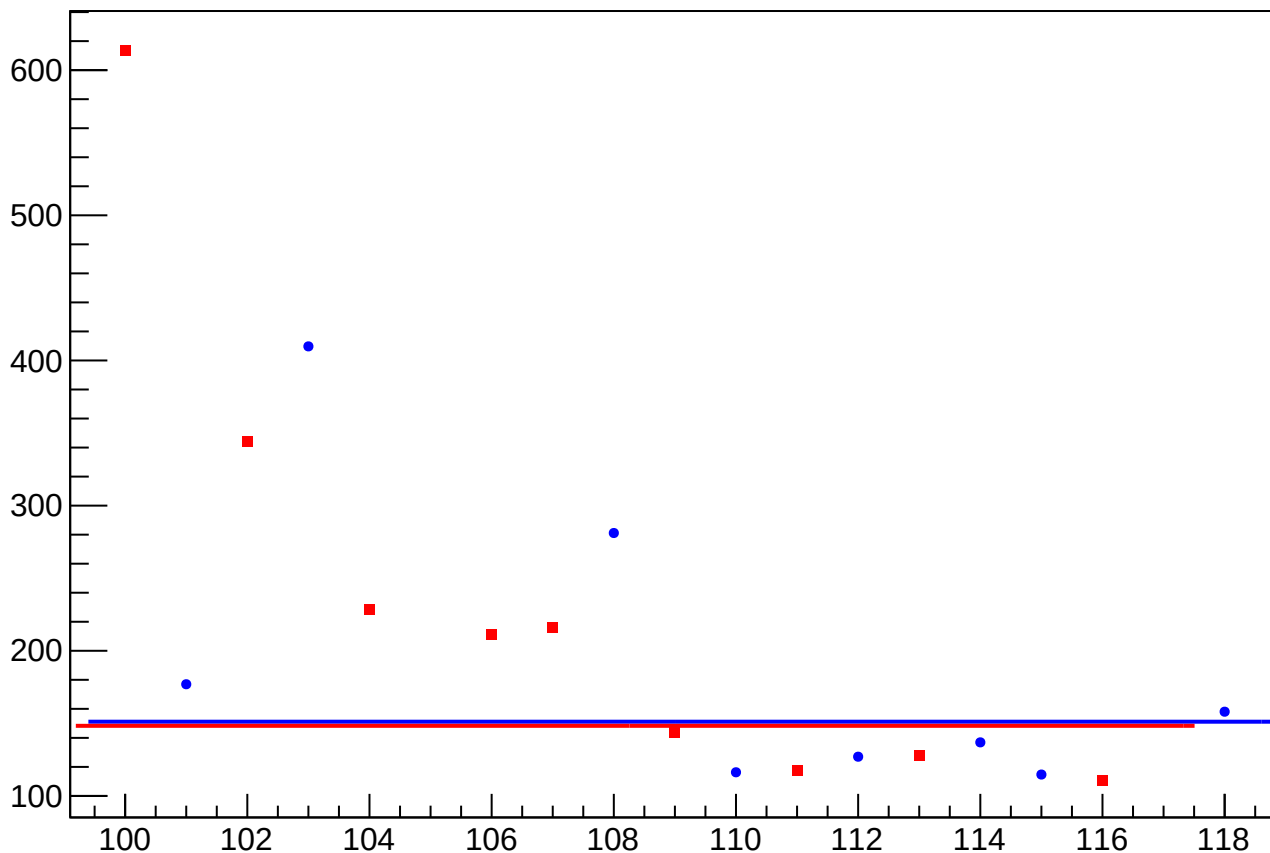
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.615 $\pm$ 62.887 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam3_rms vs Slug



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: 148.308+/-0.062 χ^2/NDF : 818871.6/8

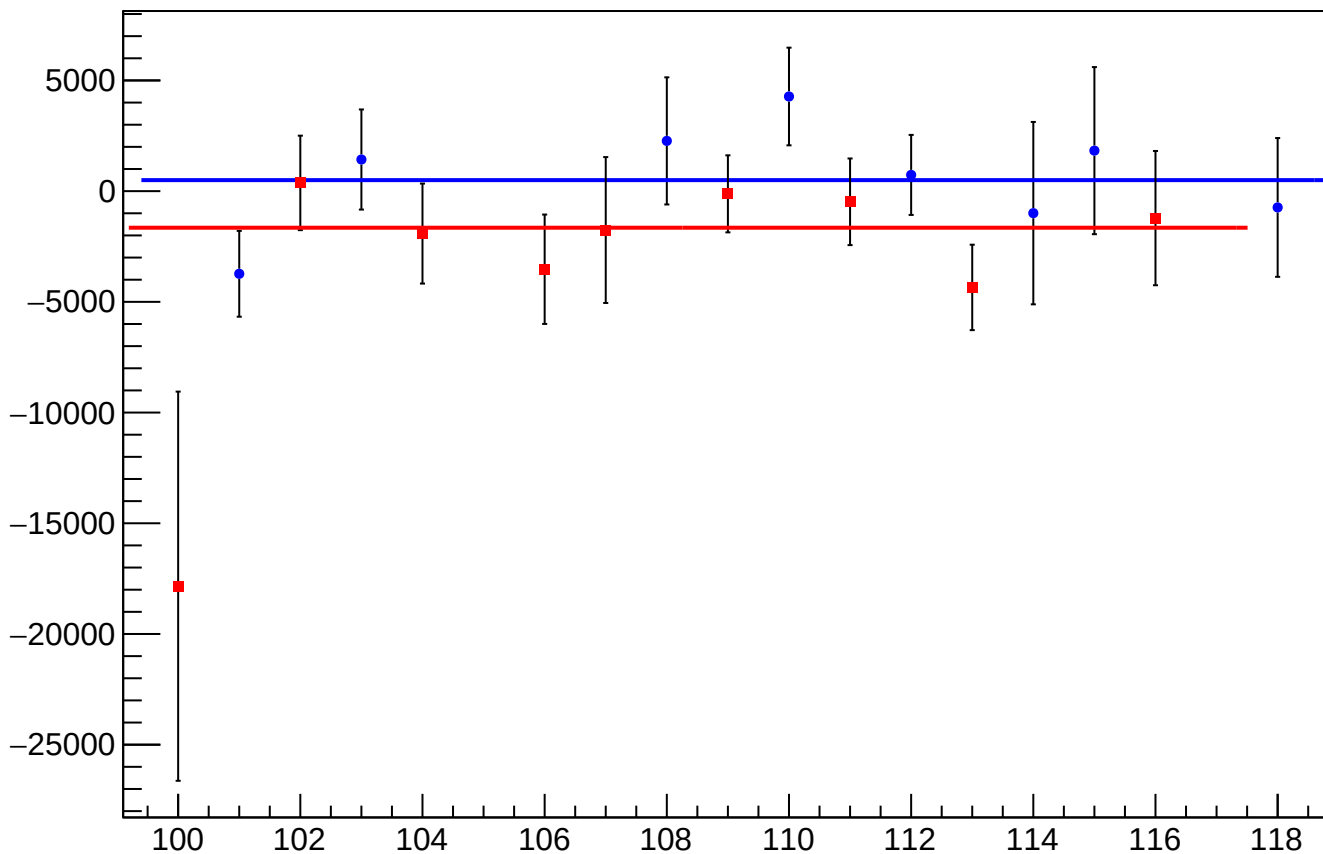
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.685+/-0.044 χ^2/NDF : 1616800.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: 497.274 $\pm$ 868.395 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1651.610 $\pm$ 777.591 χ^2 /NDF: 8.0/8

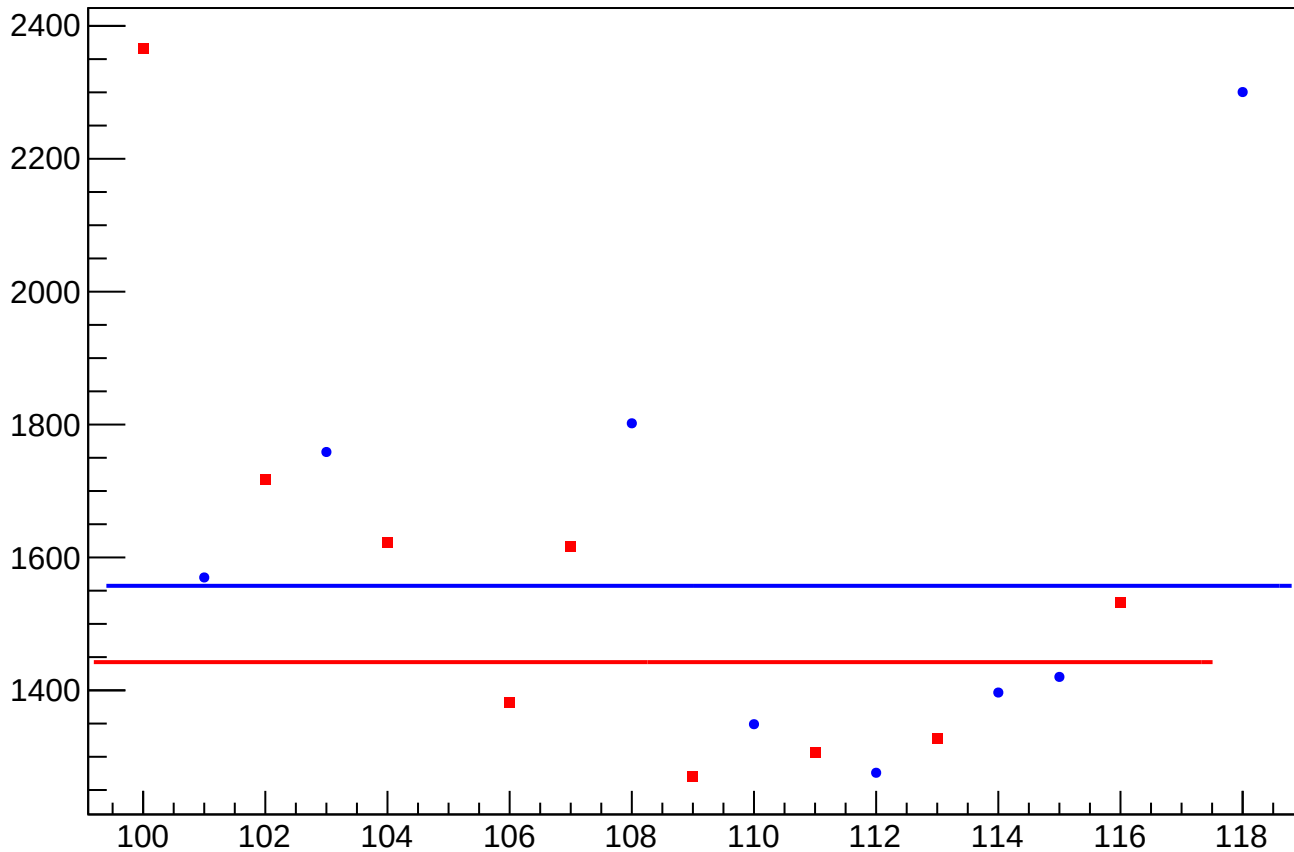
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -695.355 $\pm$ 579.292 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1557.303 $\pm$ 0.614 χ^2 /NDF: 214930.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1442.457 $\pm$ 0.550 χ^2 /NDF: 113079.4/8

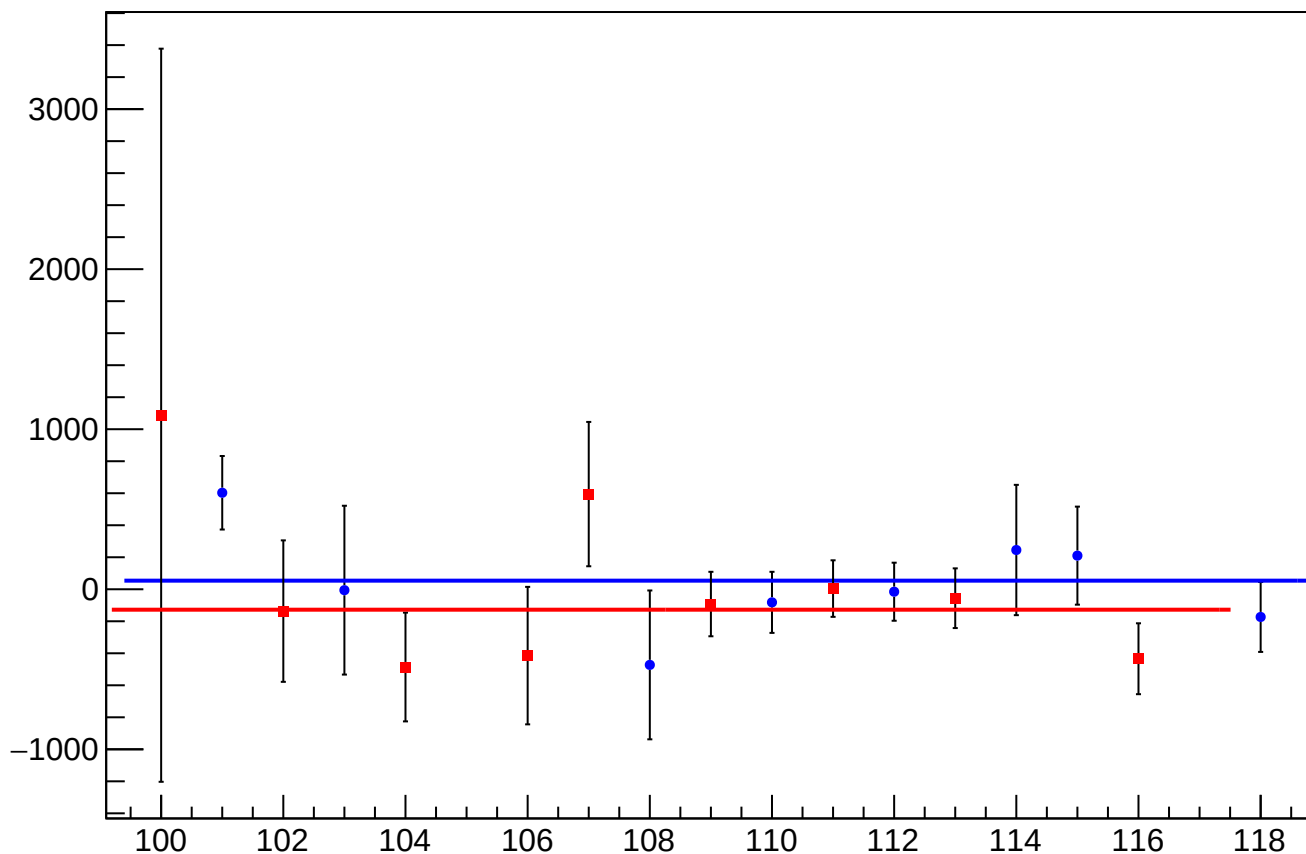
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1493.563 $\pm$ 0.410 χ^2 /NDF: 347424.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 53.763 $\pm$ 90.271 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -127.669 $\pm$ 87.660 χ^2 /NDF: 7.1/8

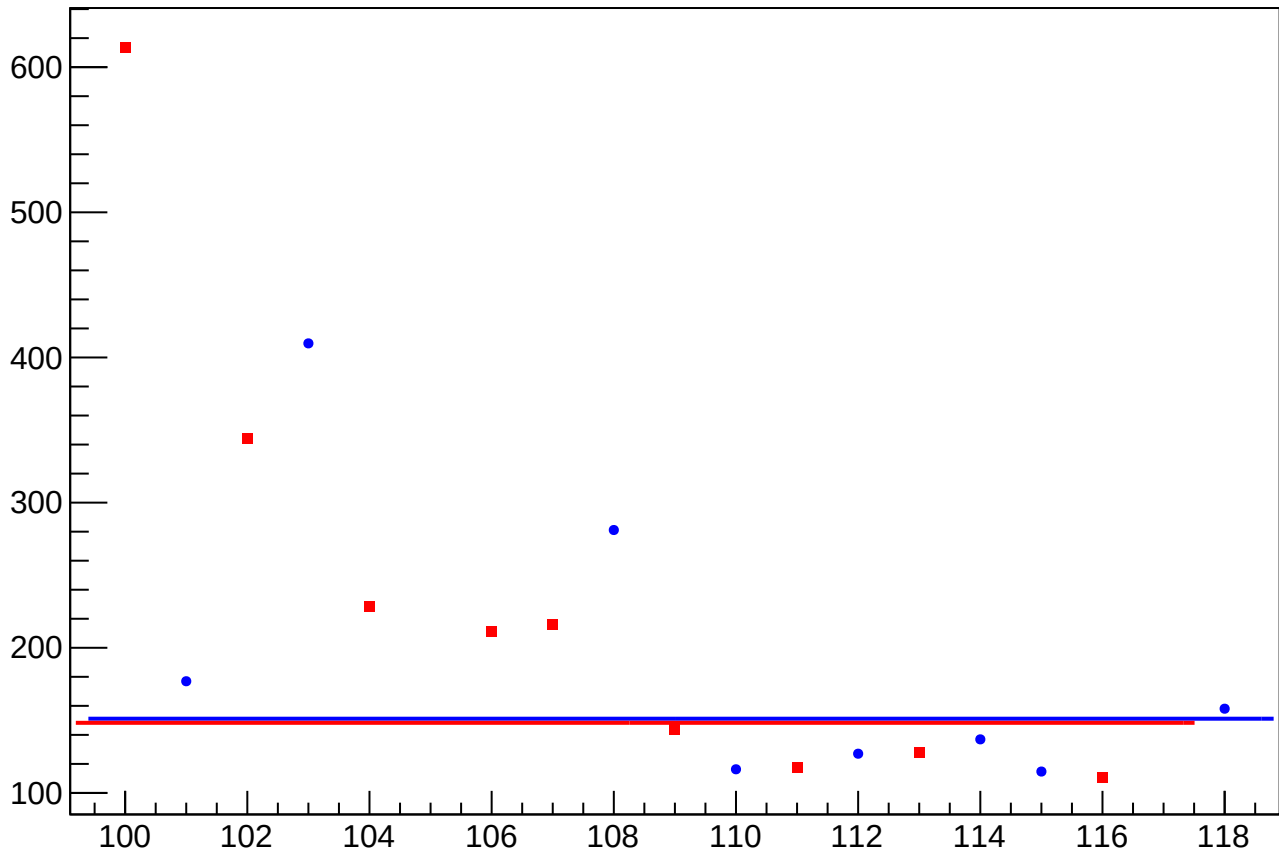
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.616 $\pm$ 62.888 χ^2 /NDF: 18.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 151.147 $\pm$ 0.064 χ^2 /NDF: 796913.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.309 $\pm$ 0.062 χ^2 /NDF: 818878.1/8

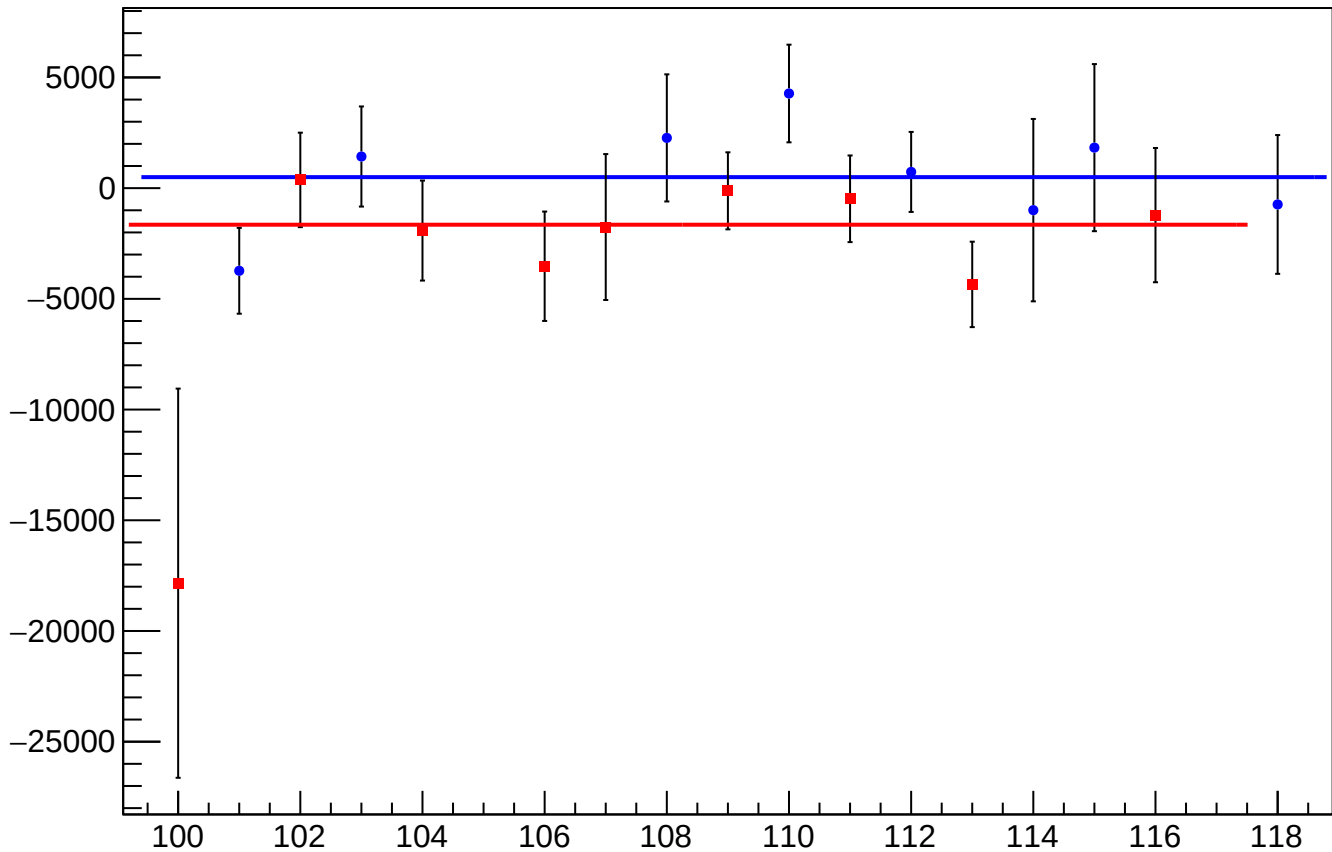
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.686 $\pm$ 0.044 χ^2 /NDF: 1616808.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: 497.272 $\pm$ 868.393 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1651.606 $\pm$ 777.590 χ^2 /NDF: 8.0/8

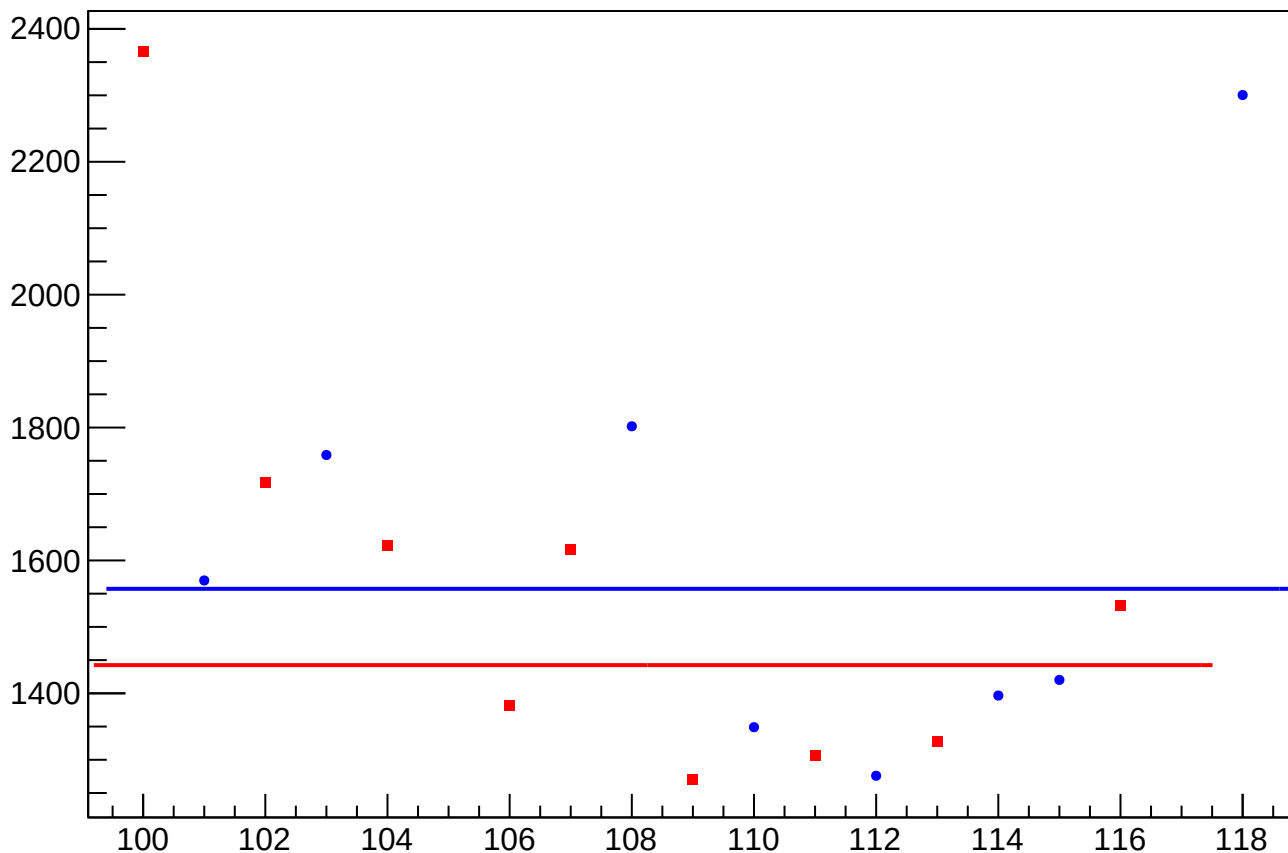
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -695.354 $\pm$ 579.291 χ^2 /NDF: 20.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



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: 1442.454+/-0.550 χ^2/NDF : 113077.5/8

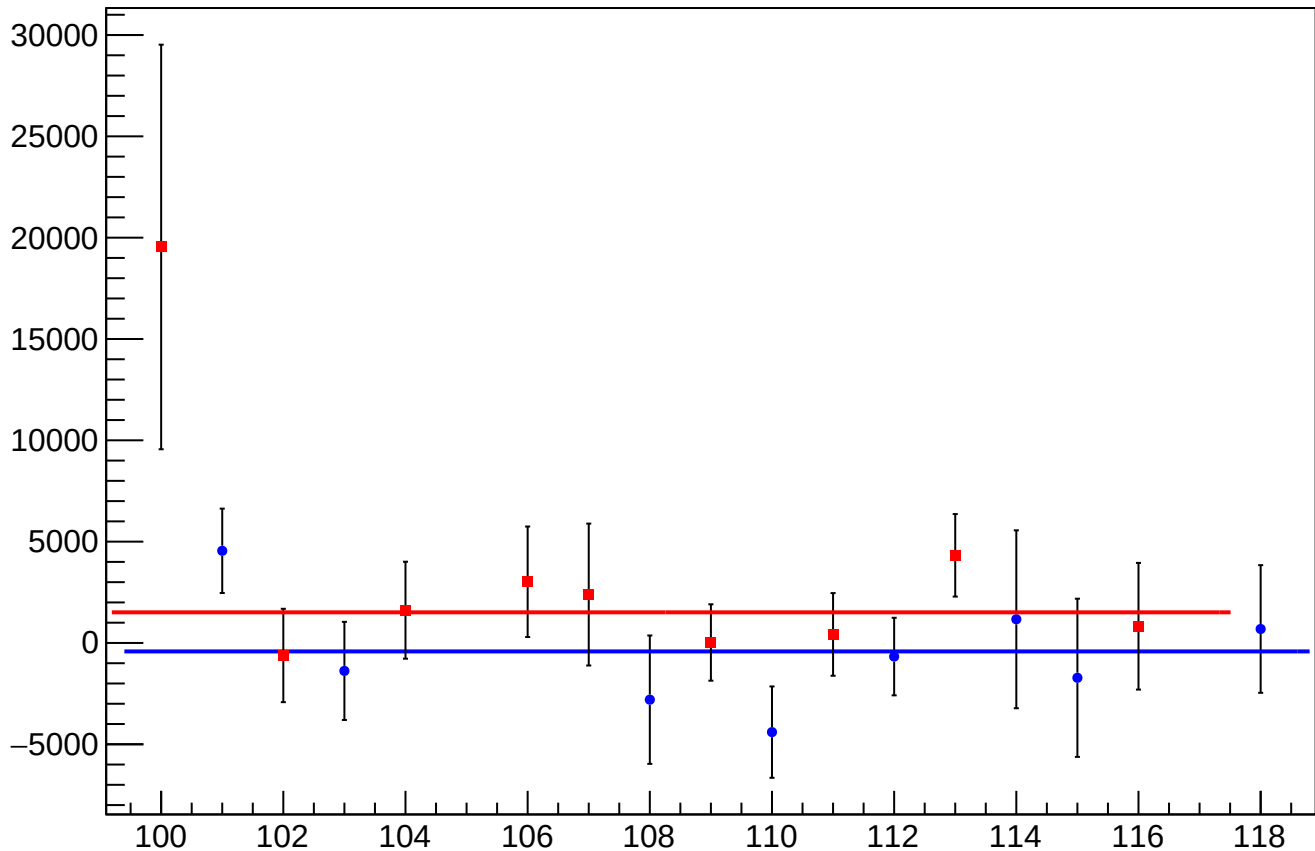
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.561+/-0.410 χ^2/NDF : 347423.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



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: 1511.240+/-829.128 χ^2/NDF : 7.4/8

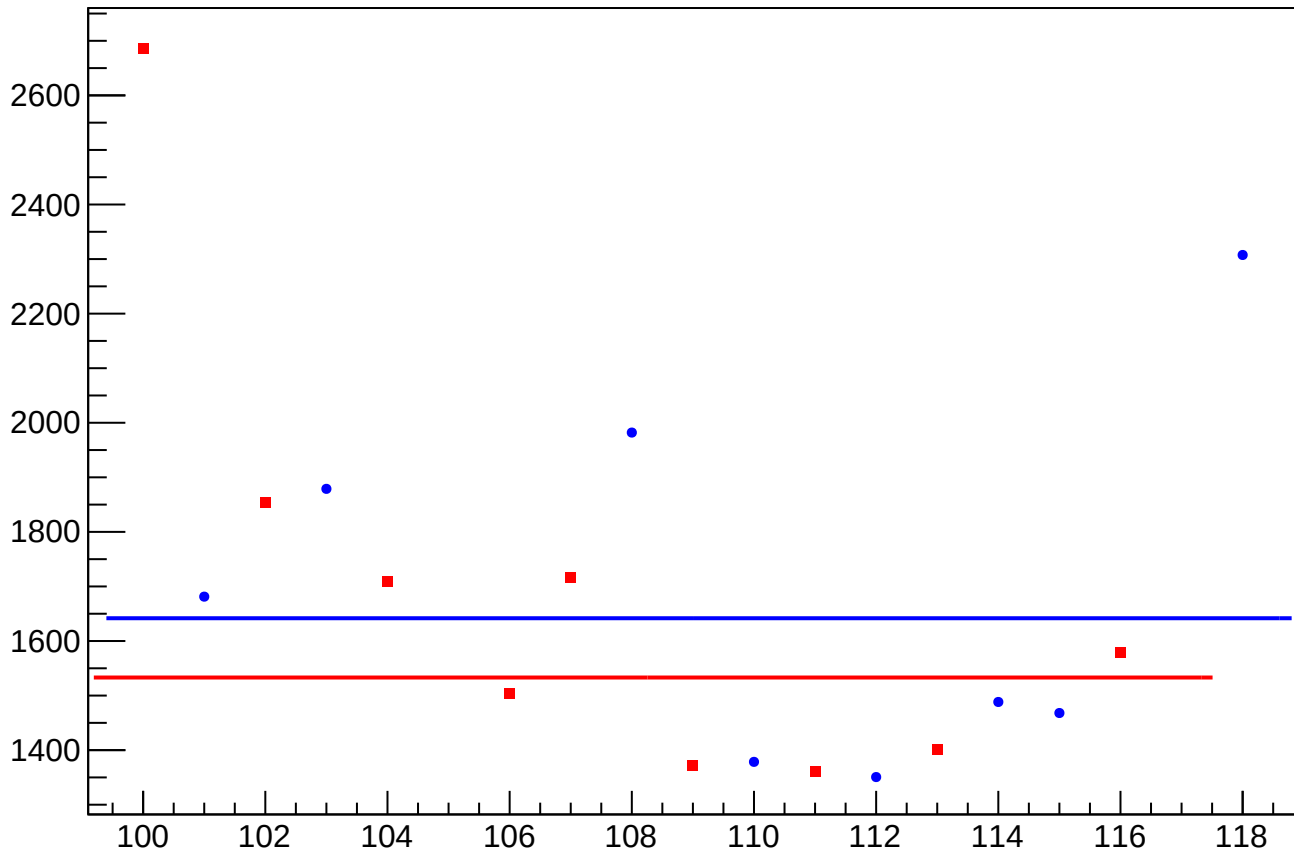
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.693+/-614.999 χ^2/NDF : 19.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



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: 1533.103+/-0.586 χ^2/NDF : 119560.5/8

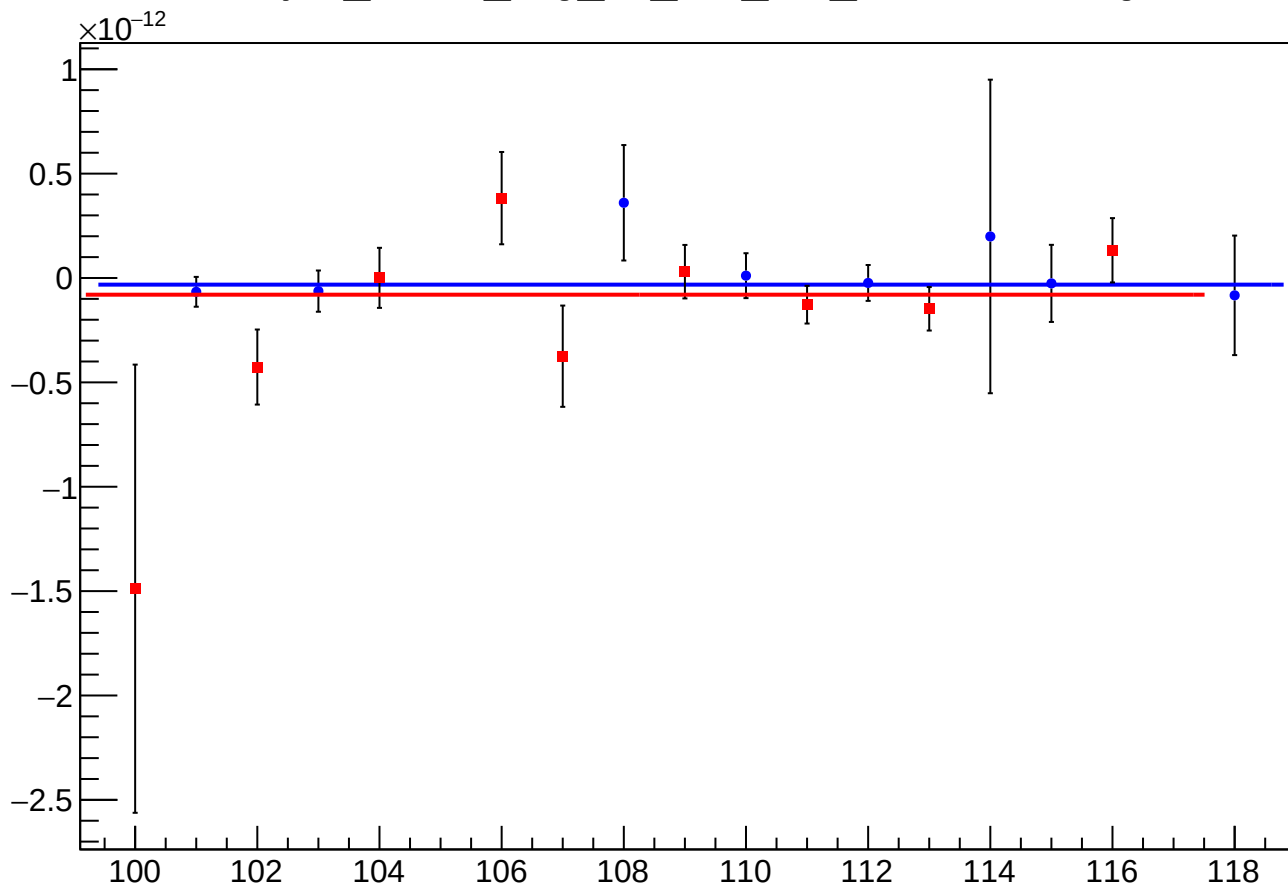
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.975+/-0.435 χ^2/NDF : 347308.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 15.0/8

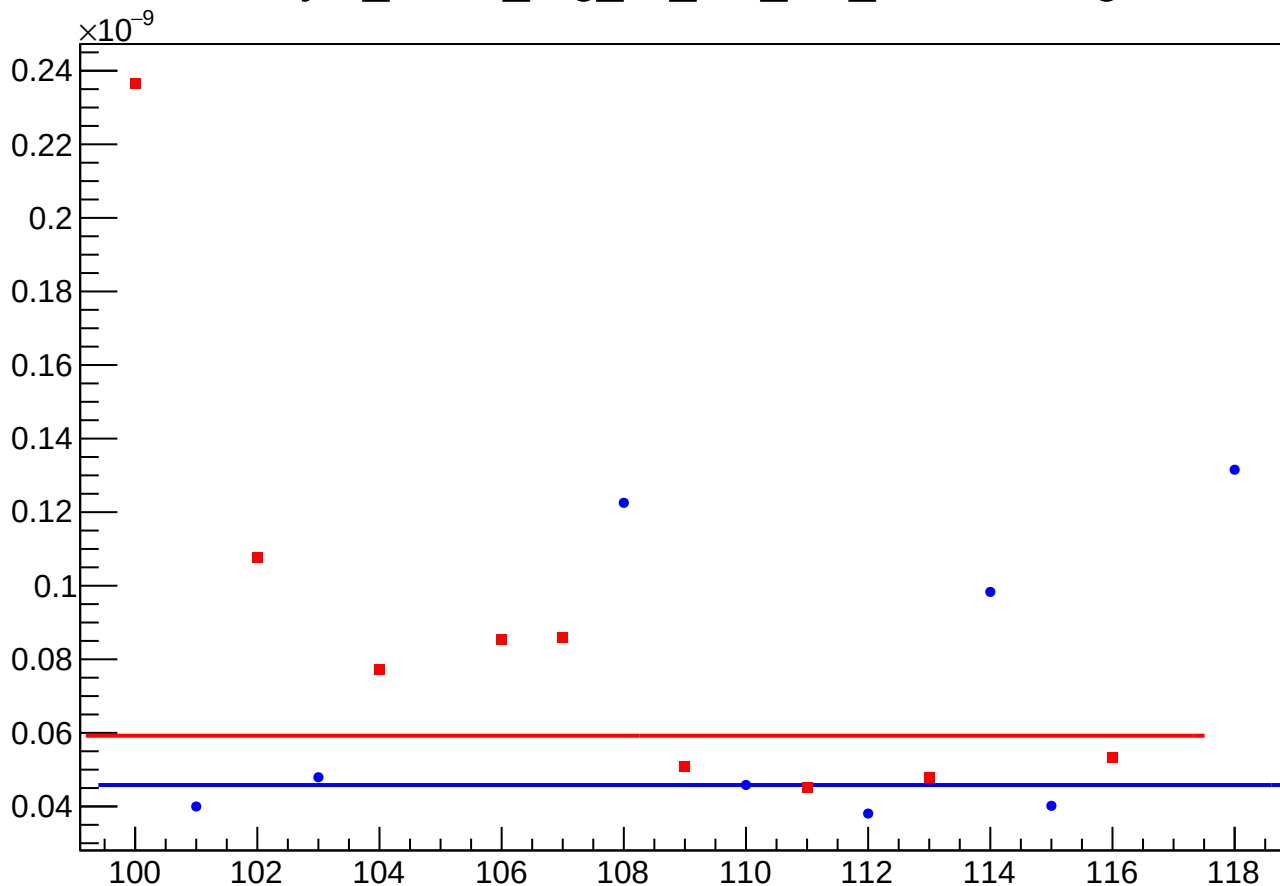
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_rms vs Slug



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 : 366818.8/8

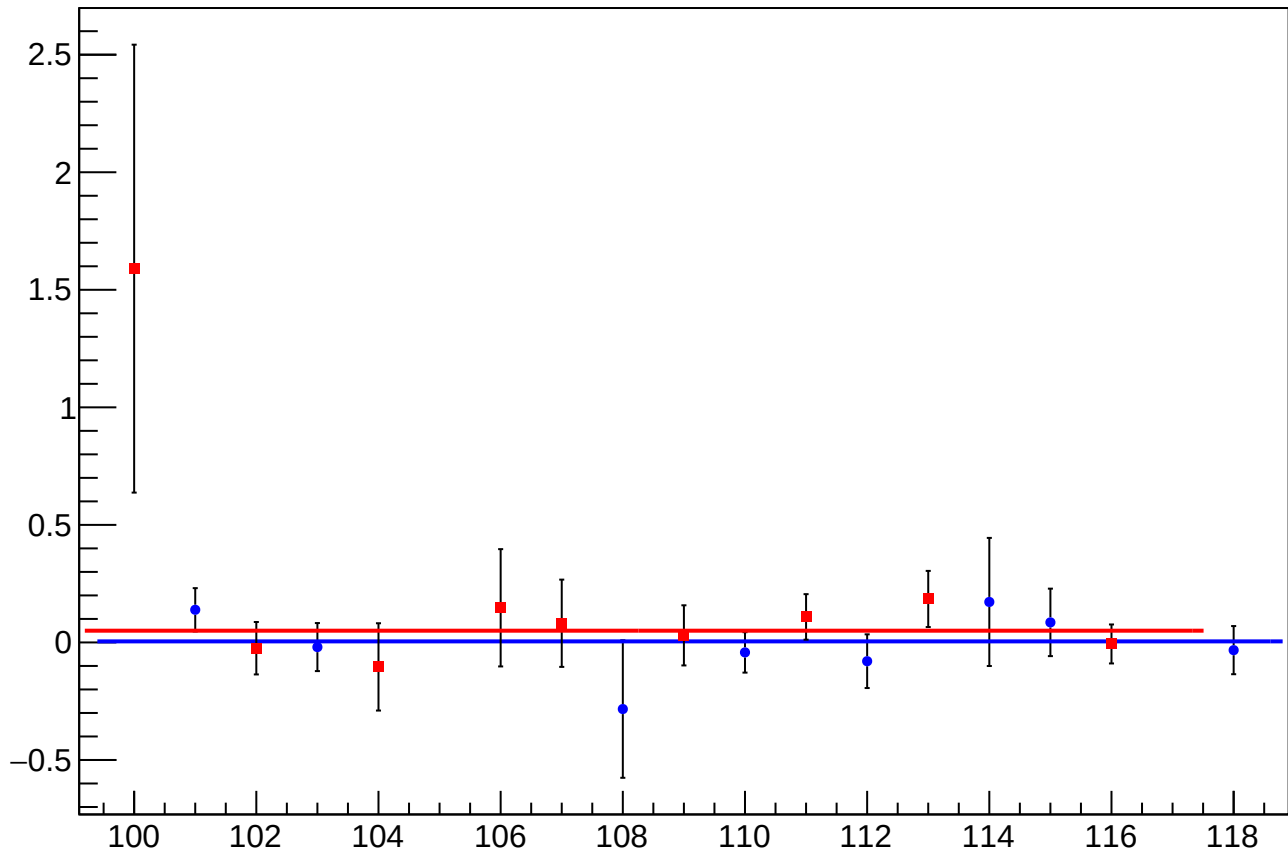
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 831498.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



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: 0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

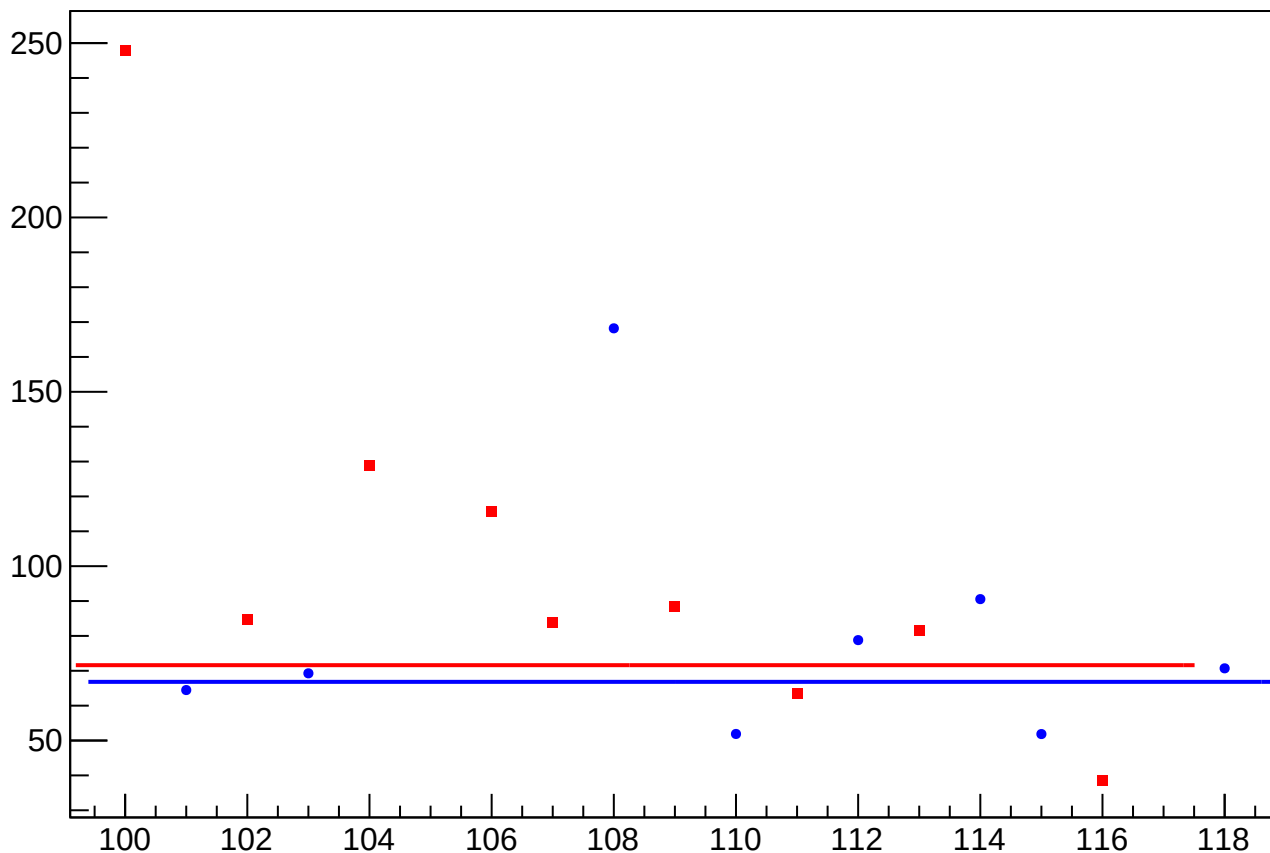
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.030 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



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: 71.609+/-0.030 χ^2/NDF : 738873.7/8

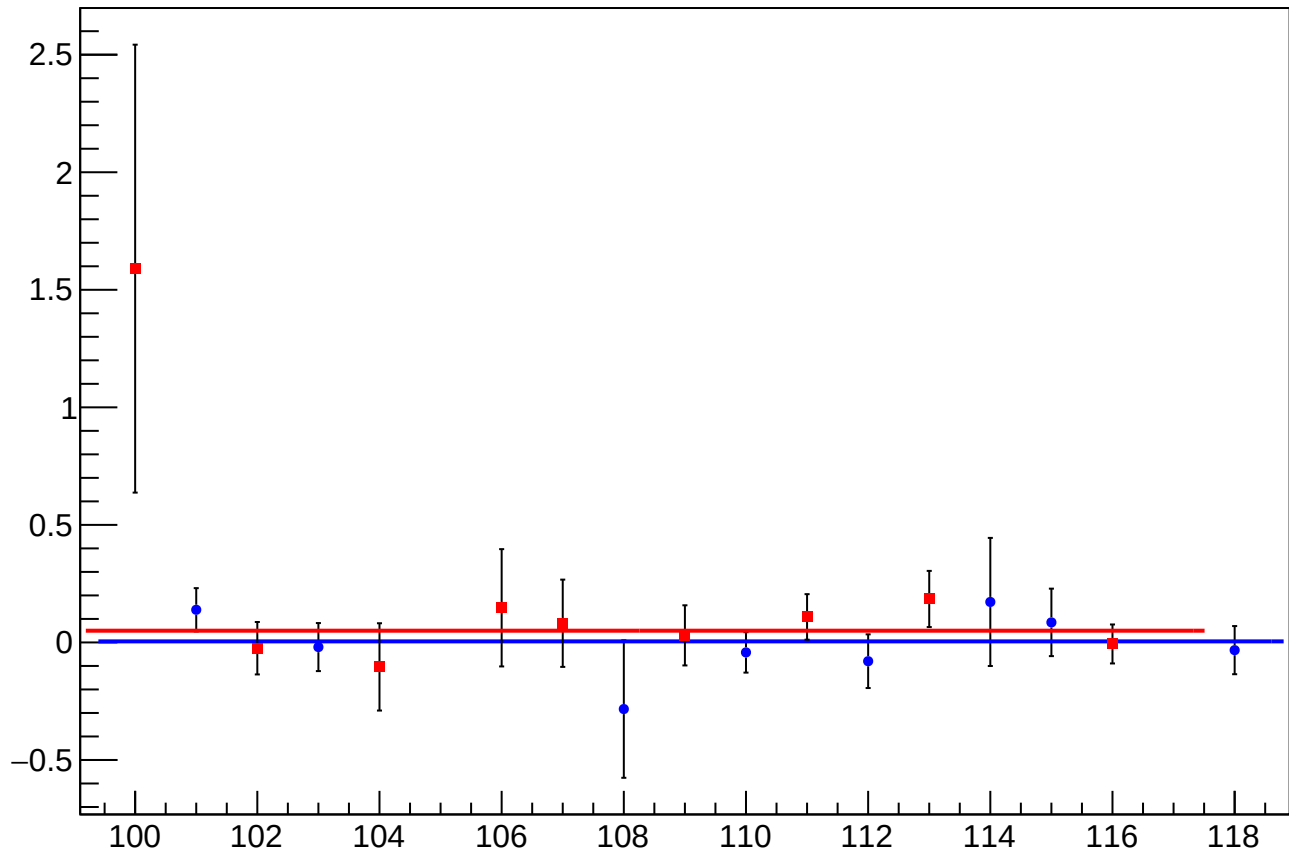
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.100+/-0.021 χ^2/NDF : 1116733.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

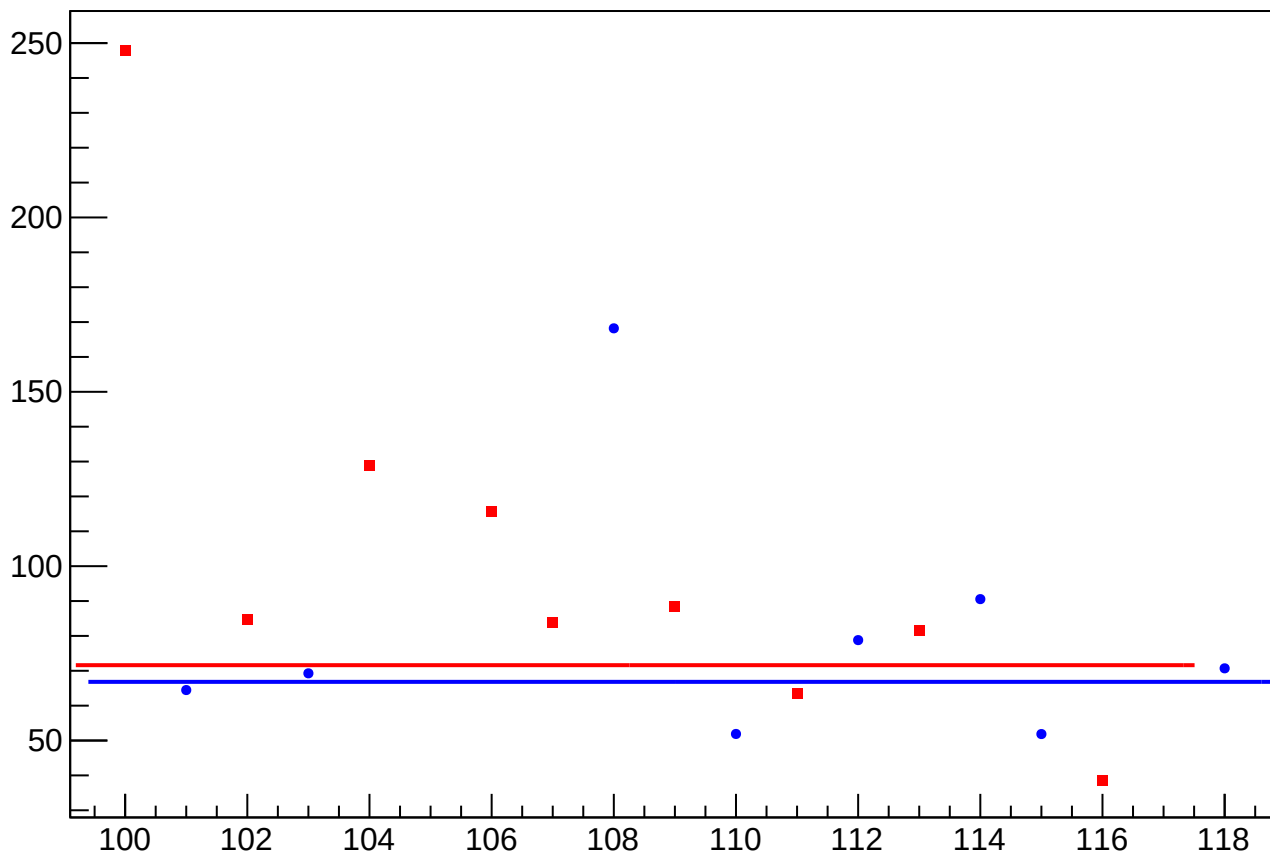
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.030 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 66.827 $\pm$ 0.029 χ^2 /NDF: 364928.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.609 $\pm$ 0.030 χ^2 /NDF: 738873.7/8

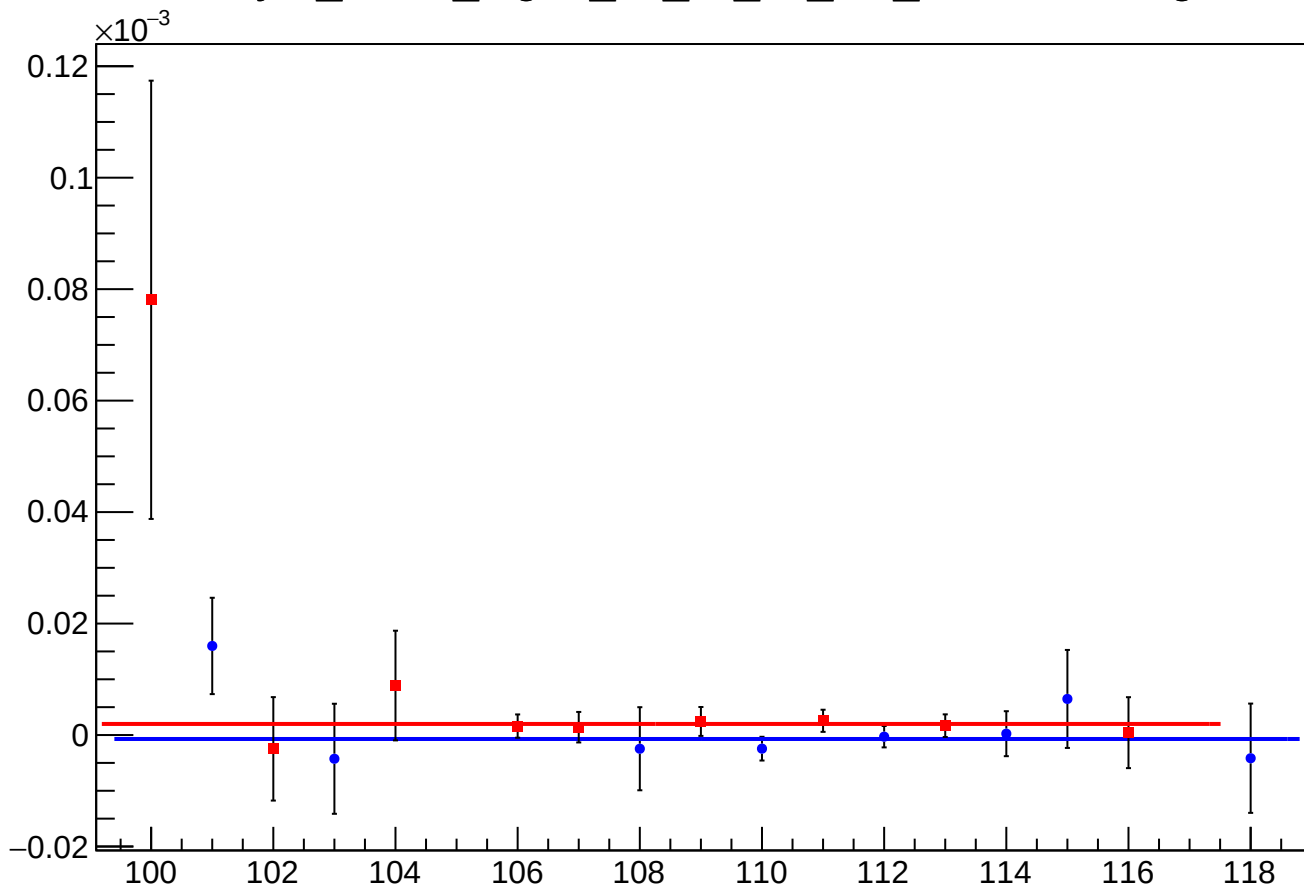
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.100 $\pm$ 0.021 χ^2 /NDF: 1116733.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



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 : 4.7/8

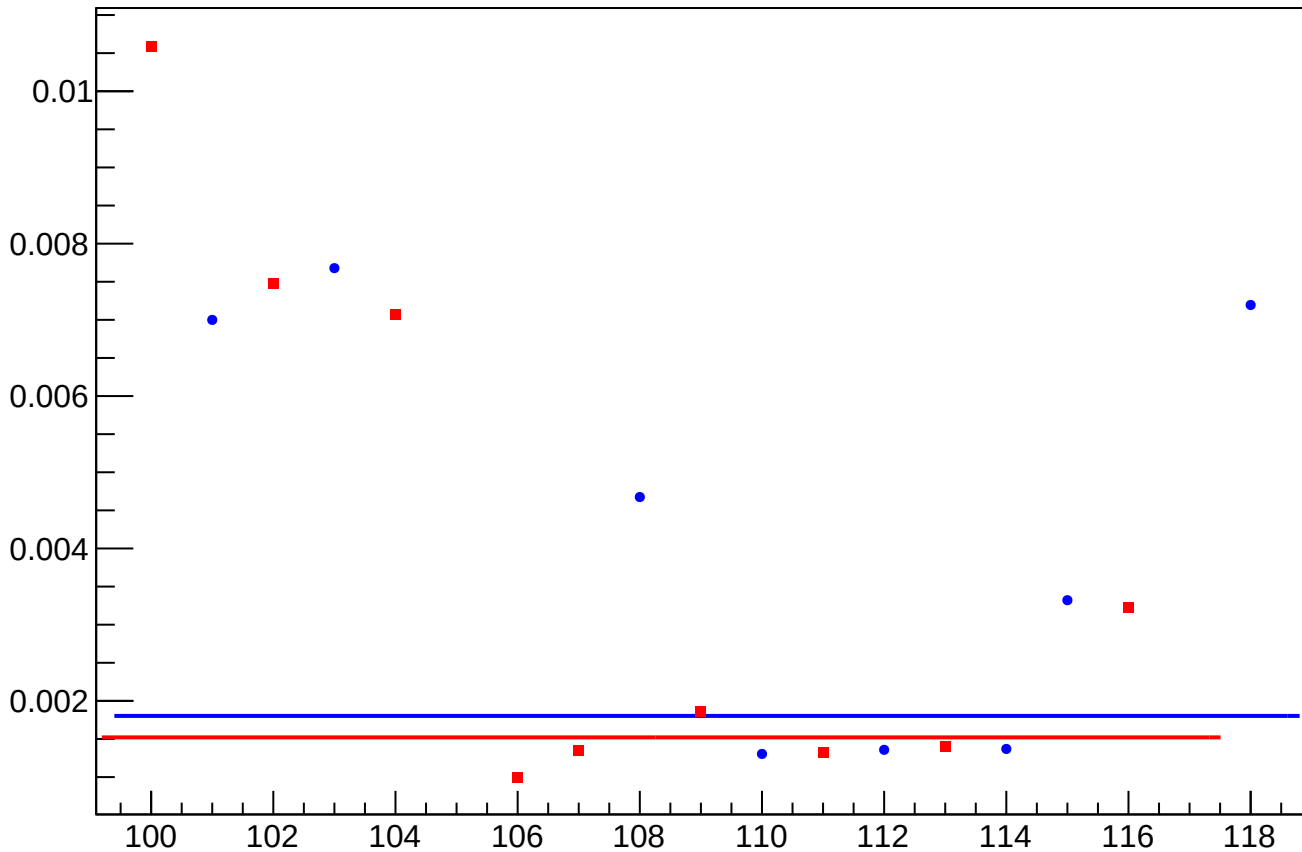
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 13.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1903607.1/8

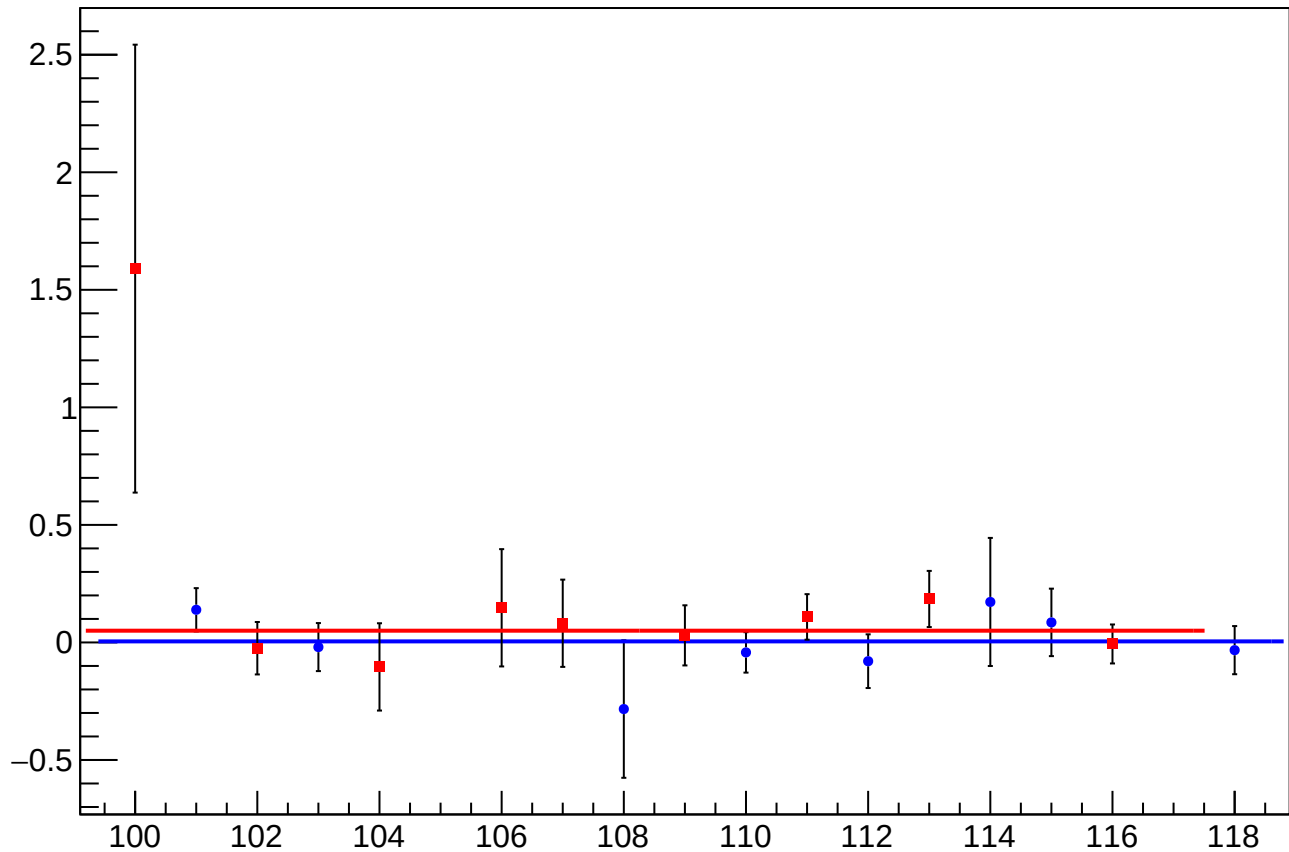
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4599069.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

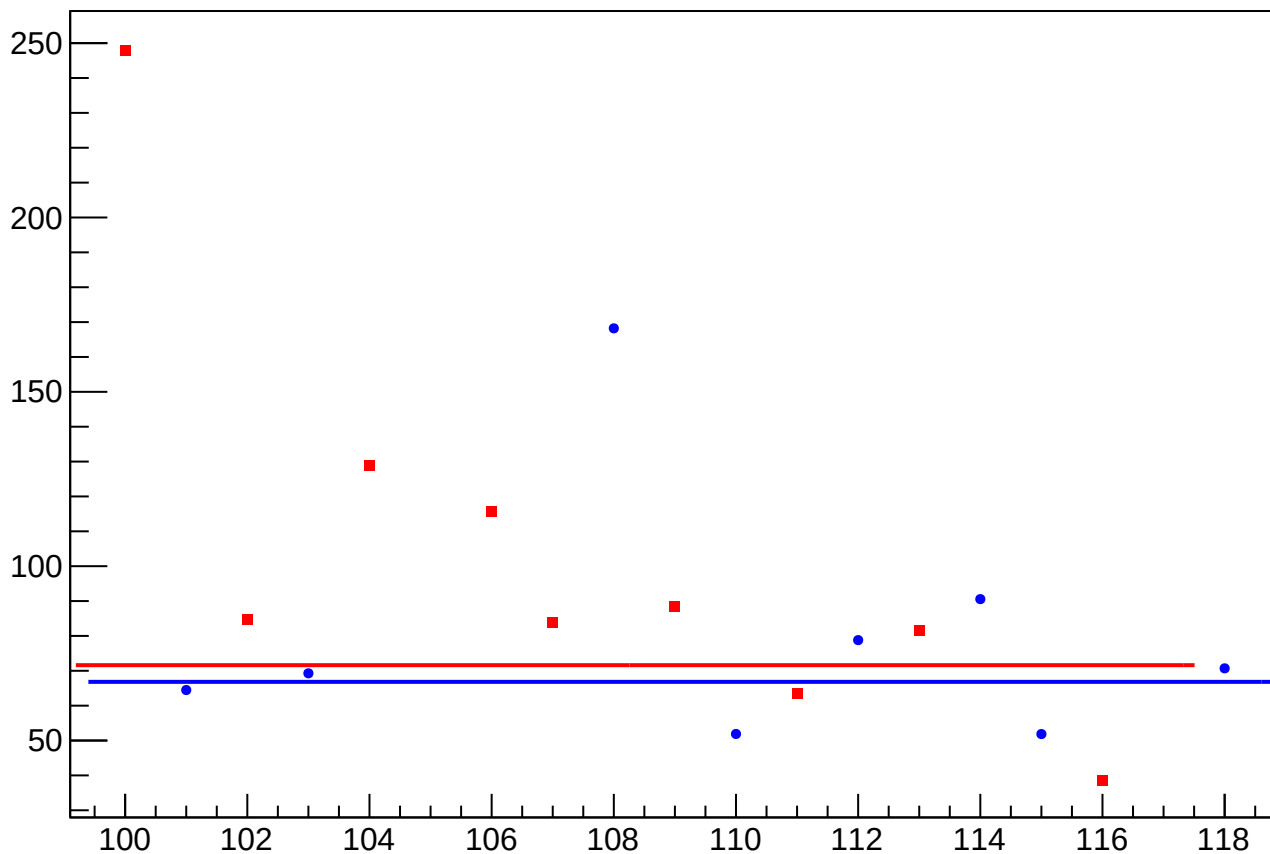
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.030 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



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: 71.611+/-0.030 χ^2/NDF : 738915.5/8

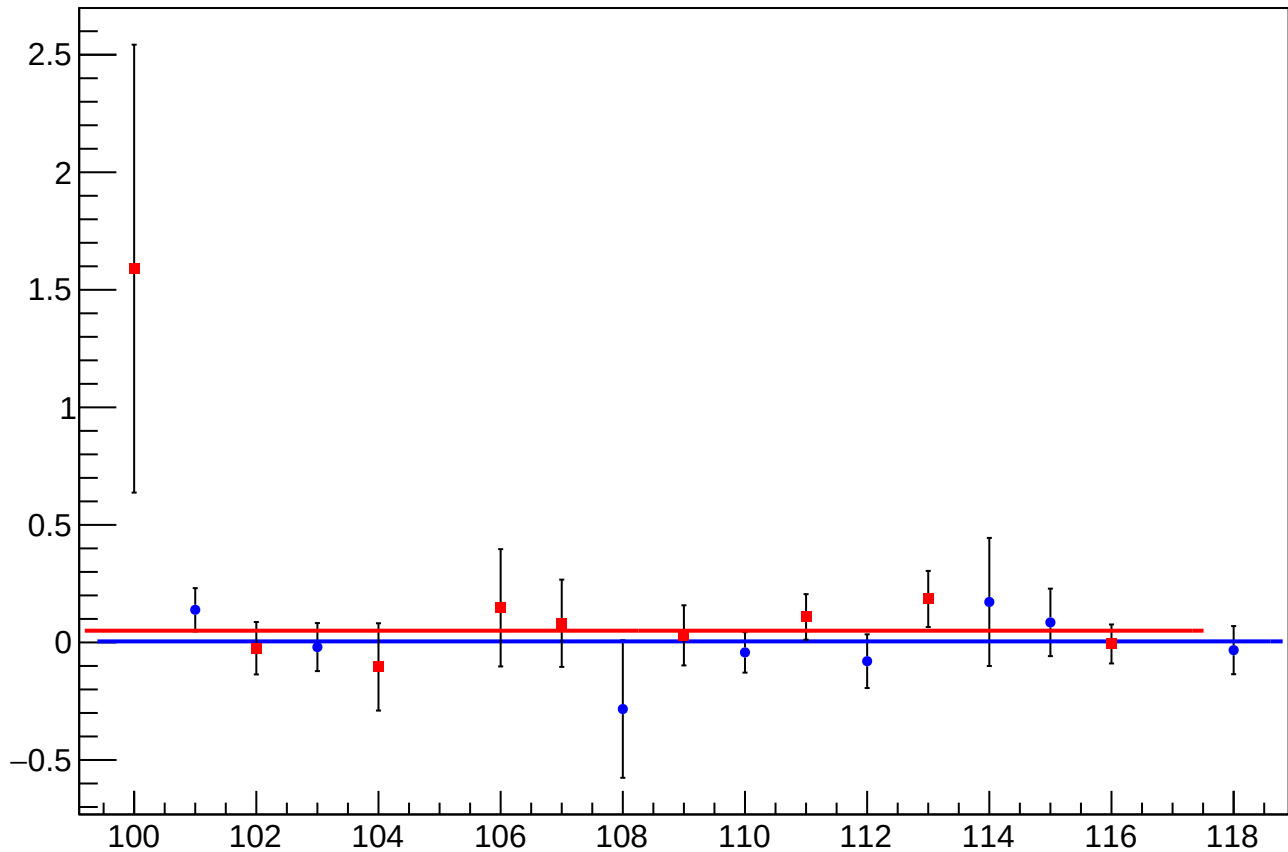
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.103+/-0.021 χ^2/NDF : 1116763.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.050 $\pm$ 0.043 χ^2 /NDF: 6.1/8

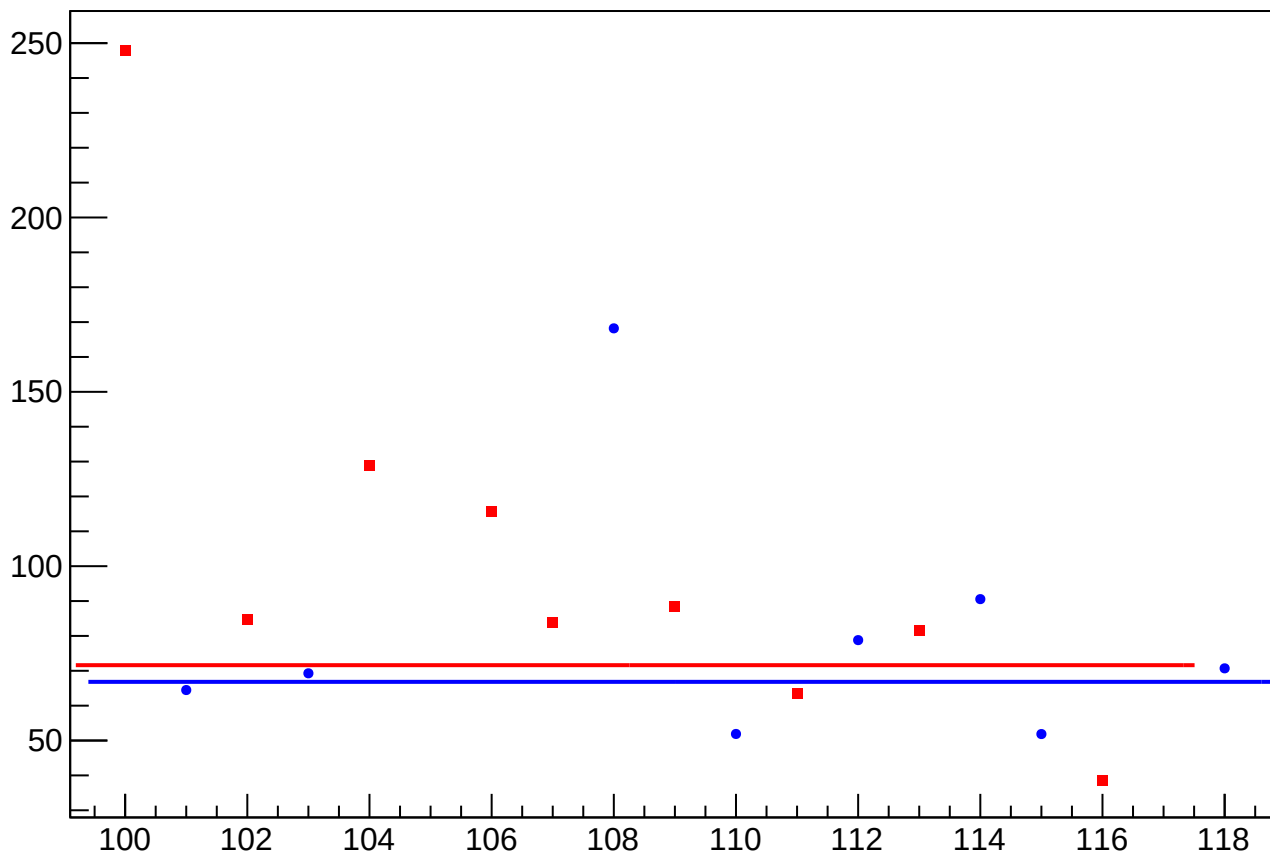
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.030 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 71.611+/-0.030 χ^2/NDF : 738915.5/8

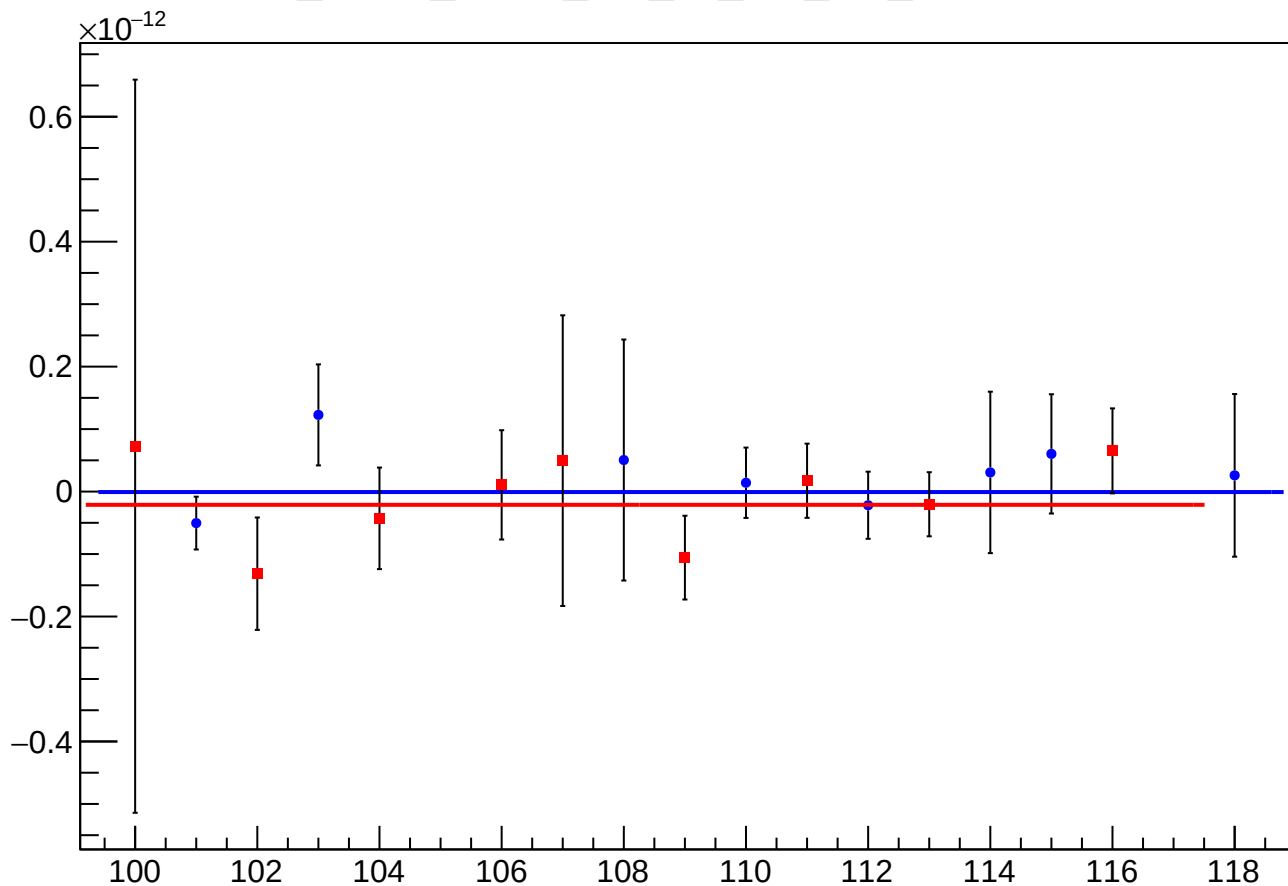
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.103+/-0.021 χ^2/NDF : 1116763.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



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 : 5.4/8

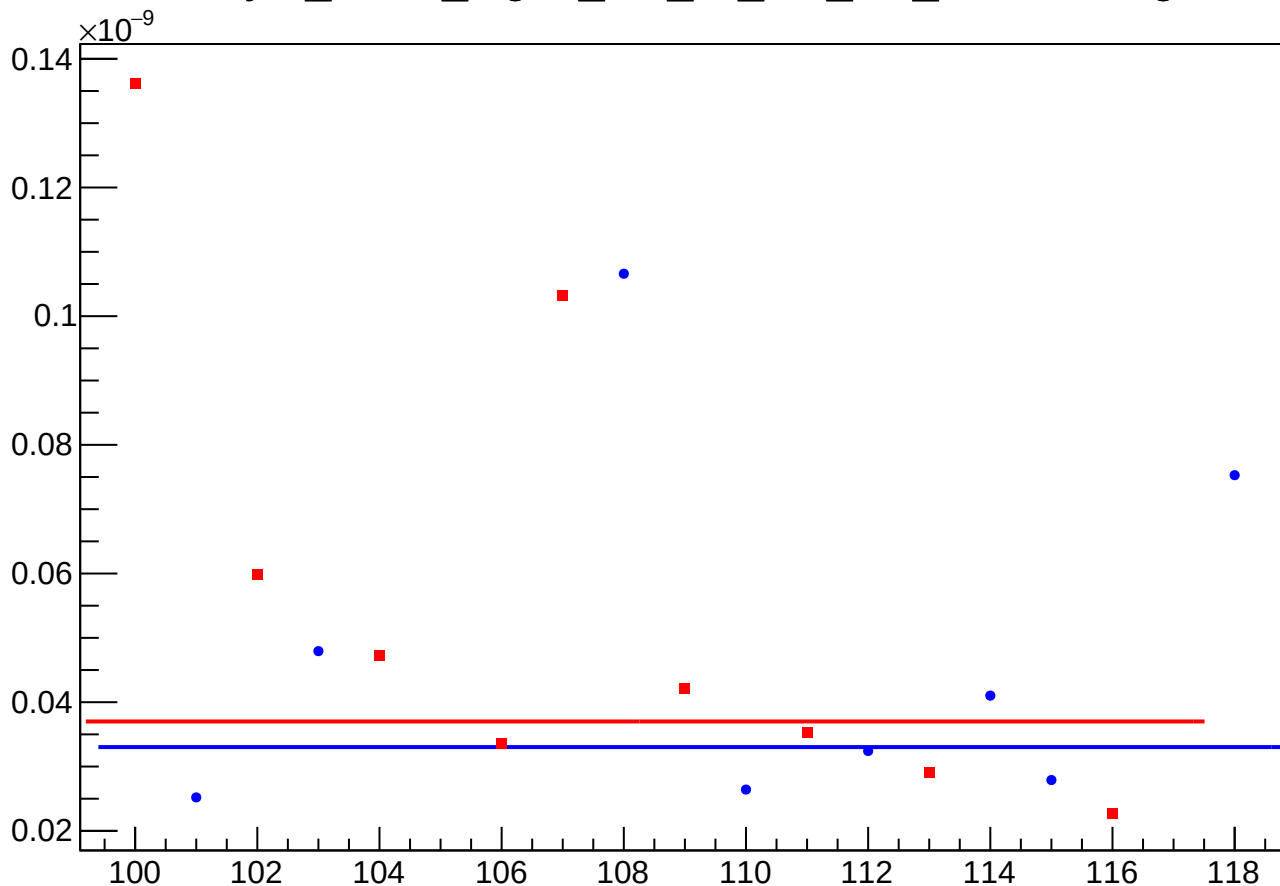
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



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 : 532394.5/8

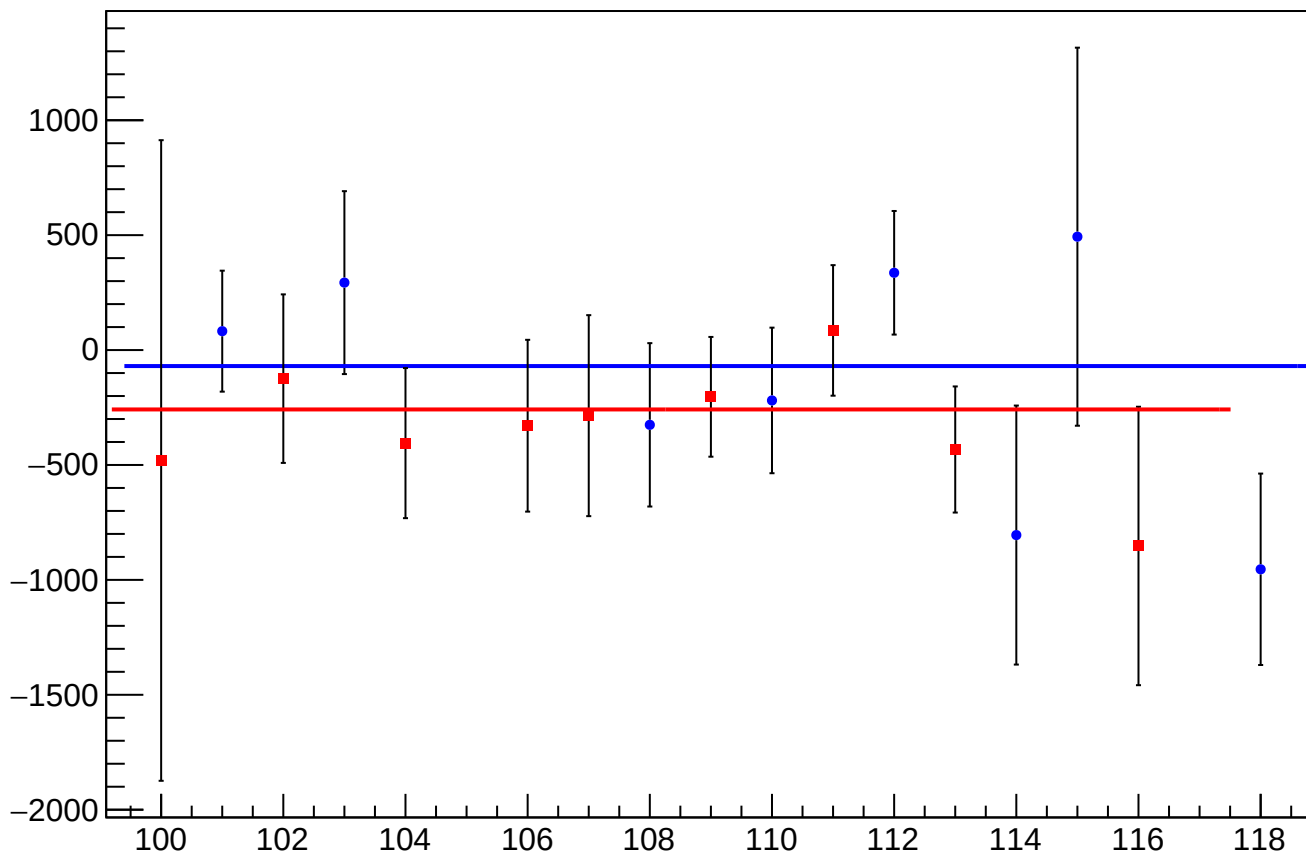
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1236872.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



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: -258.406 $\pm$ 117.160 χ^2 /NDF: 3.3/8

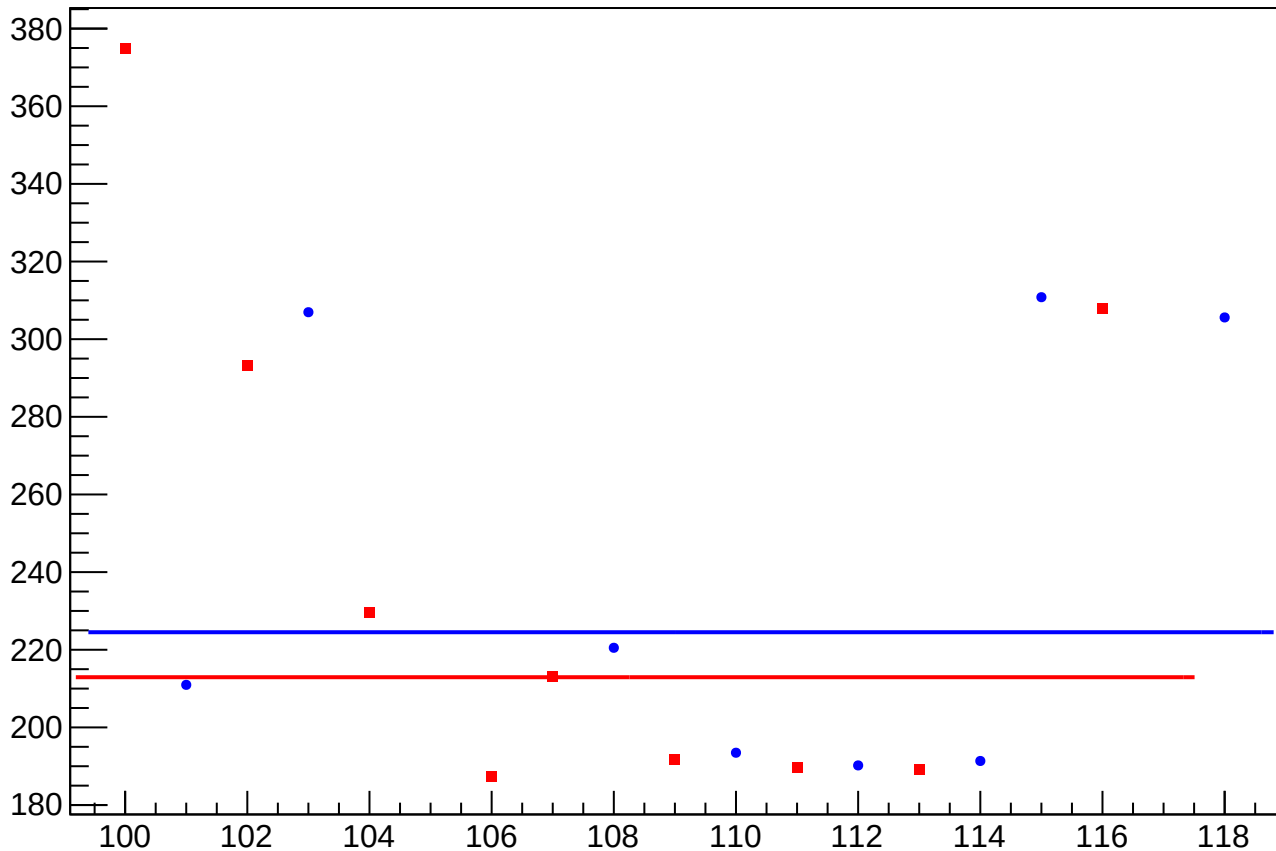
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.968 $\pm$ 85.840 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 224.515 $\pm$ 0.089 χ^2 /NDF: 247892.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.929 $\pm$ 0.083 χ^2 /NDF: 228114.5/8

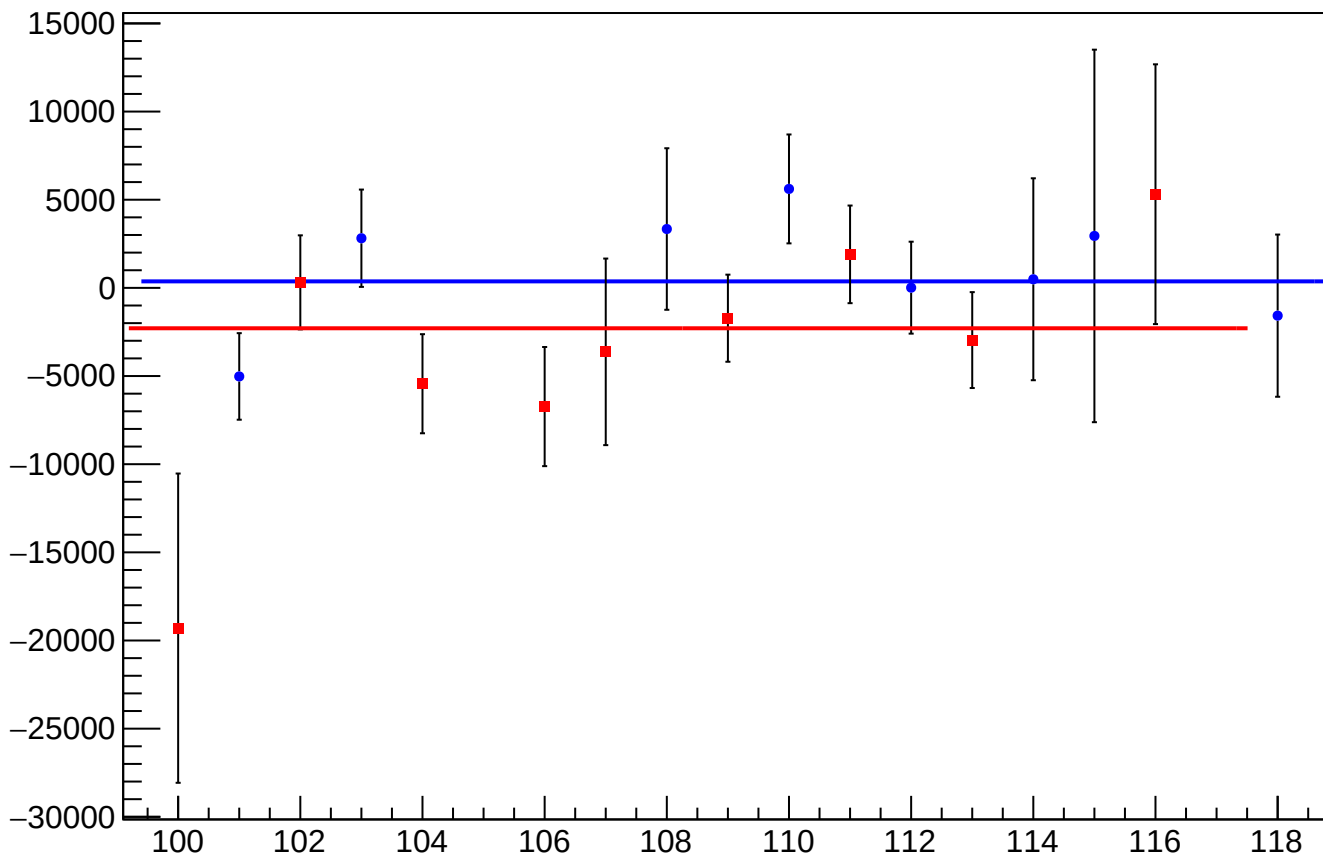
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.295 $\pm$ 0.061 χ^2 /NDF: 485066.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 369.088 $\pm$ 1209.505 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2291.218 $\pm$ 1083.665 χ^2 /NDF: 11.2/8

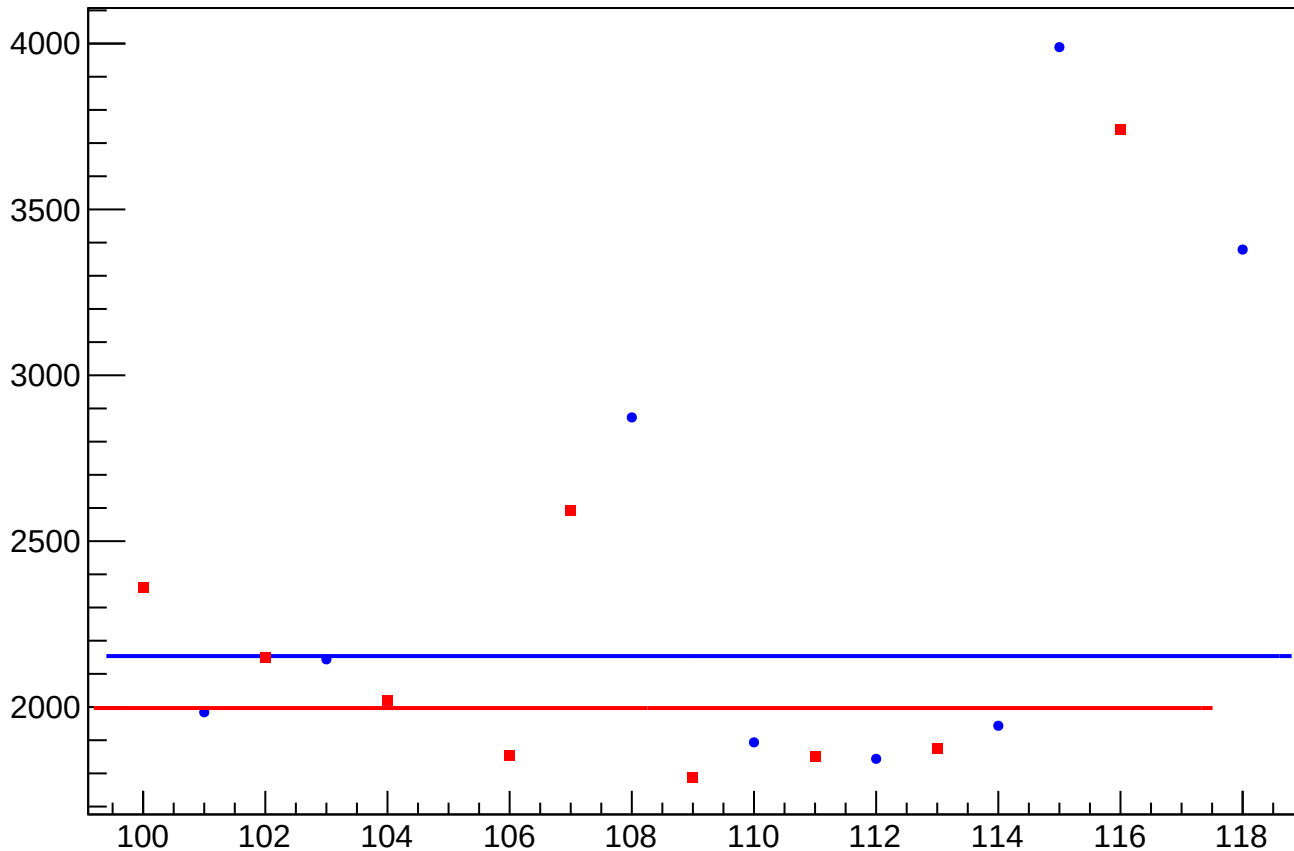
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1106.613 $\pm$ 807.102 χ^2 /NDF: 23.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2153.596 $\pm$ 0.855 χ^2 /NDF: 306304.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1996.947 $\pm$ 0.766 χ^2 /NDF: 174911.9/8

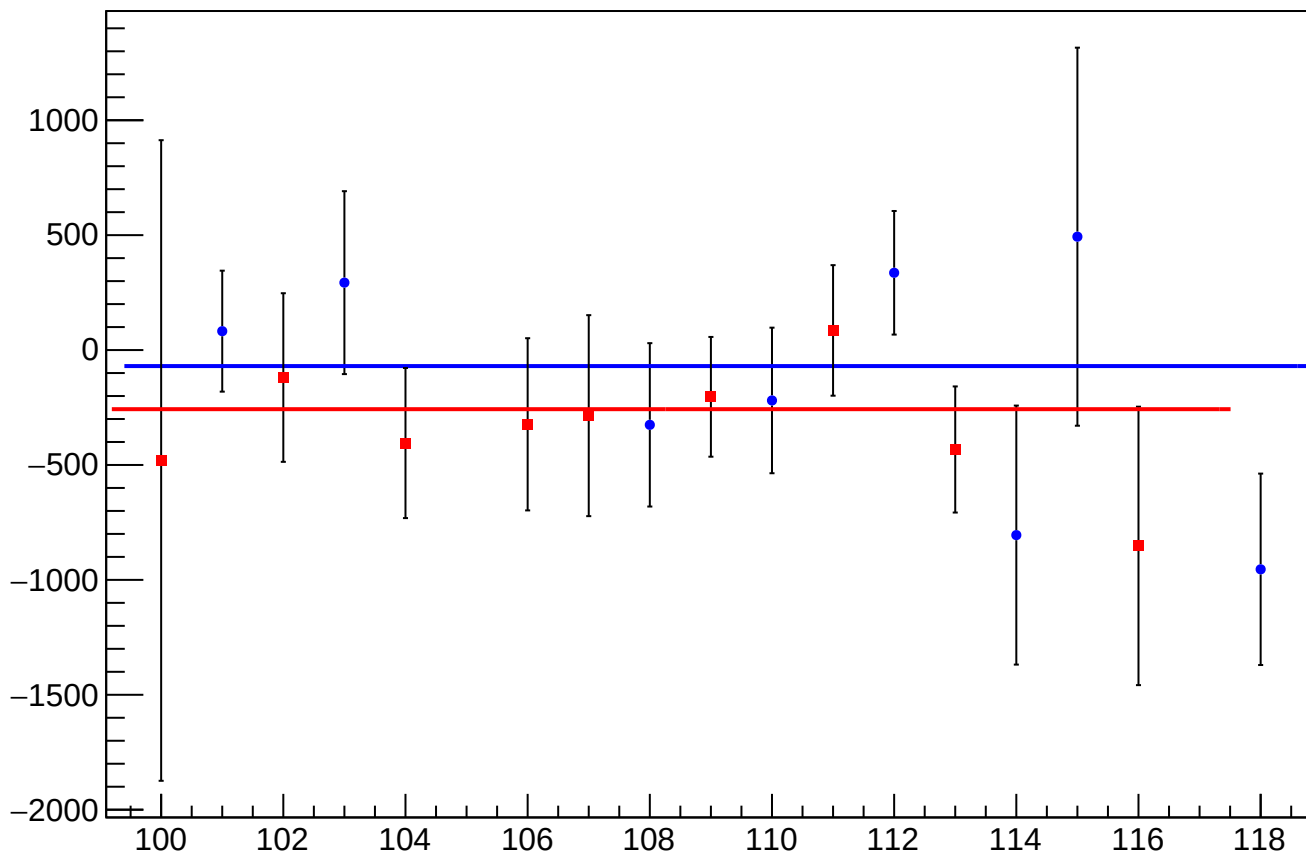
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2066.701 $\pm$ 0.571 χ^2 /NDF: 499825.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_mean vs Slug



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: -257.255 ± 117.192 χ^2/NDF : 3.3/8

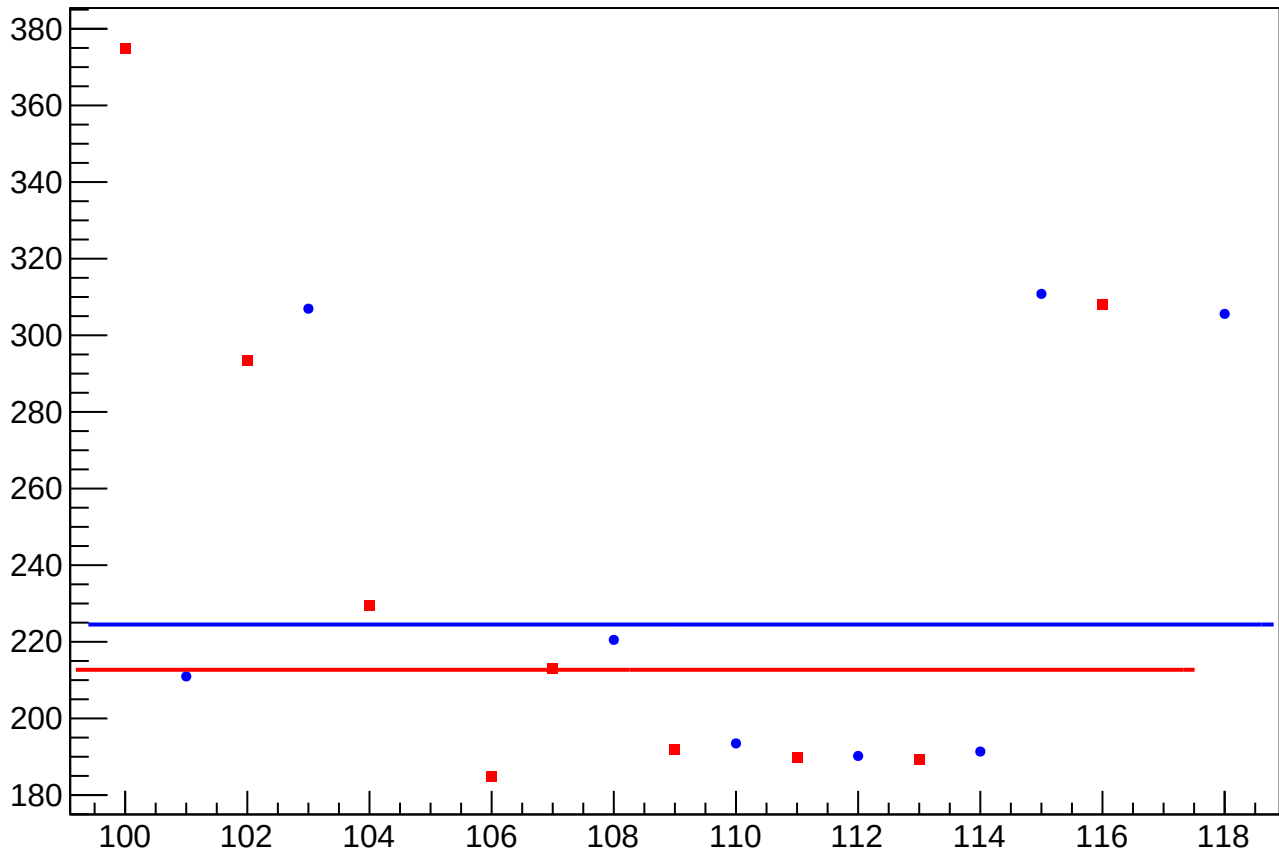
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.348 ± 85.853 χ^2/NDF : 15.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 224.515 $\pm$ 0.089 χ^2 /NDF: 247894.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 212.700 $\pm$ 0.083 χ^2 /NDF: 230213.5/8

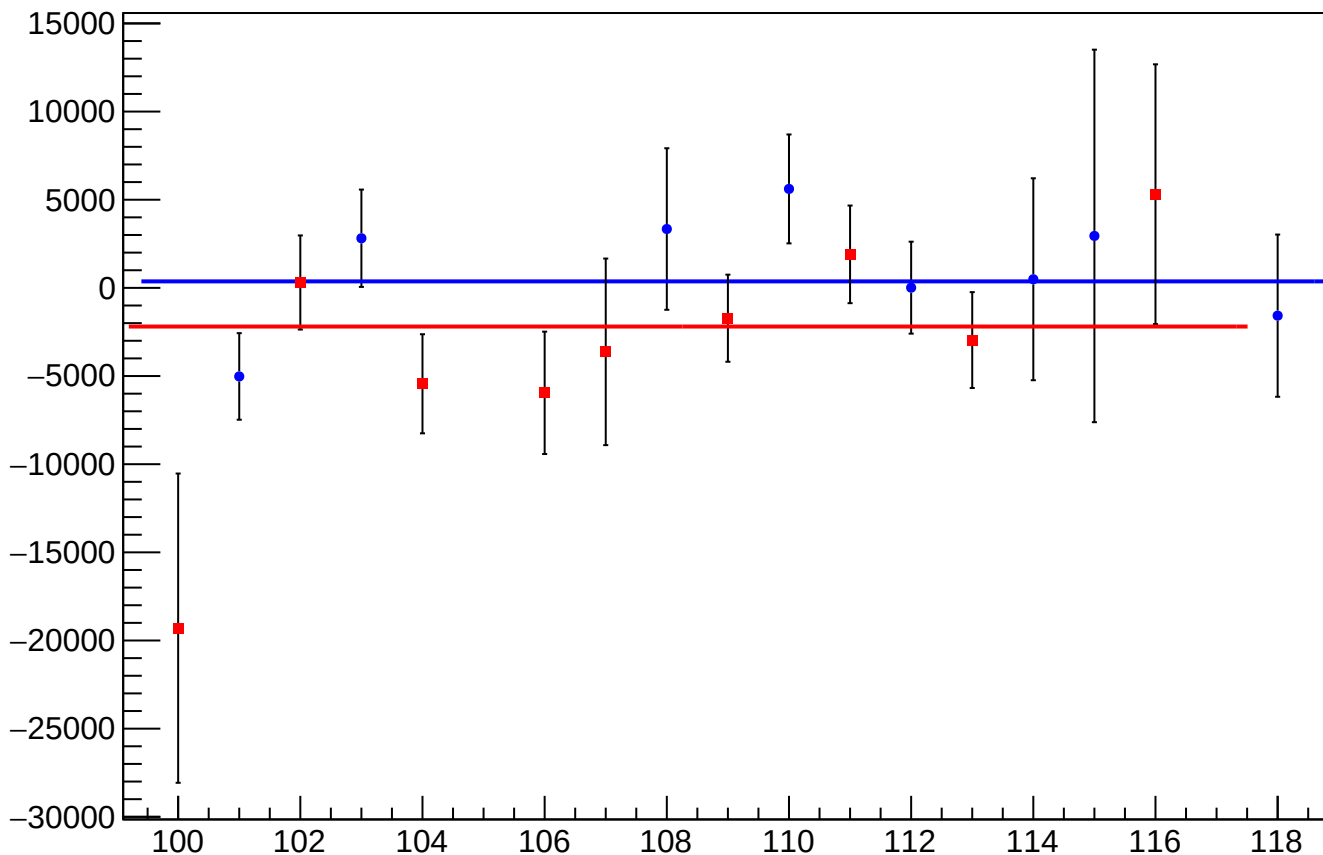
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.174 $\pm$ 0.061 χ^2 /NDF: 487526.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_mean vs Slug



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: -2192.771+/-1086.680 χ^2/NDF : 10.6/8

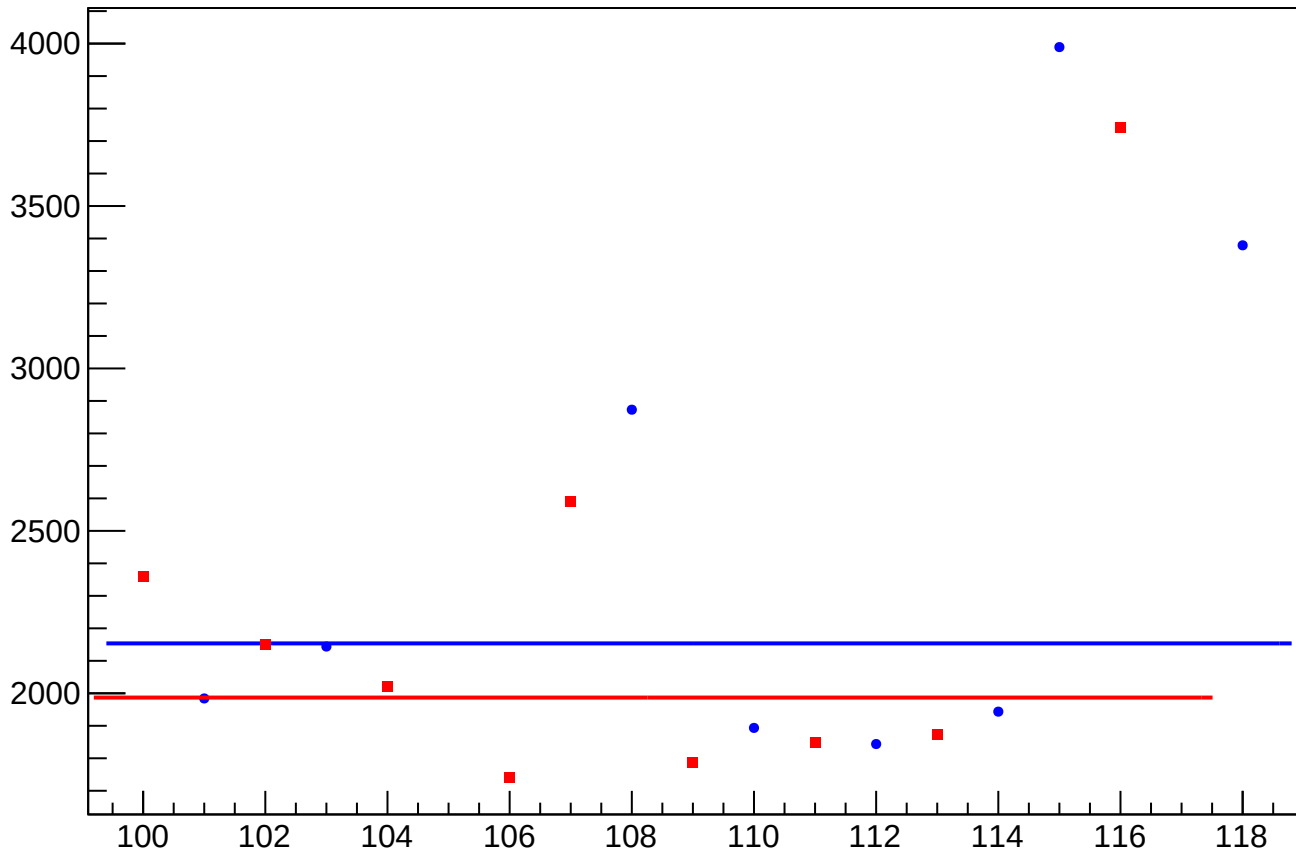
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1048.630+/-808.351 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2153.627 $\pm$ 0.855 χ^2 /NDF: 306302.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1986.910 $\pm$ 0.768 χ^2 /NDF: 181997.0/8

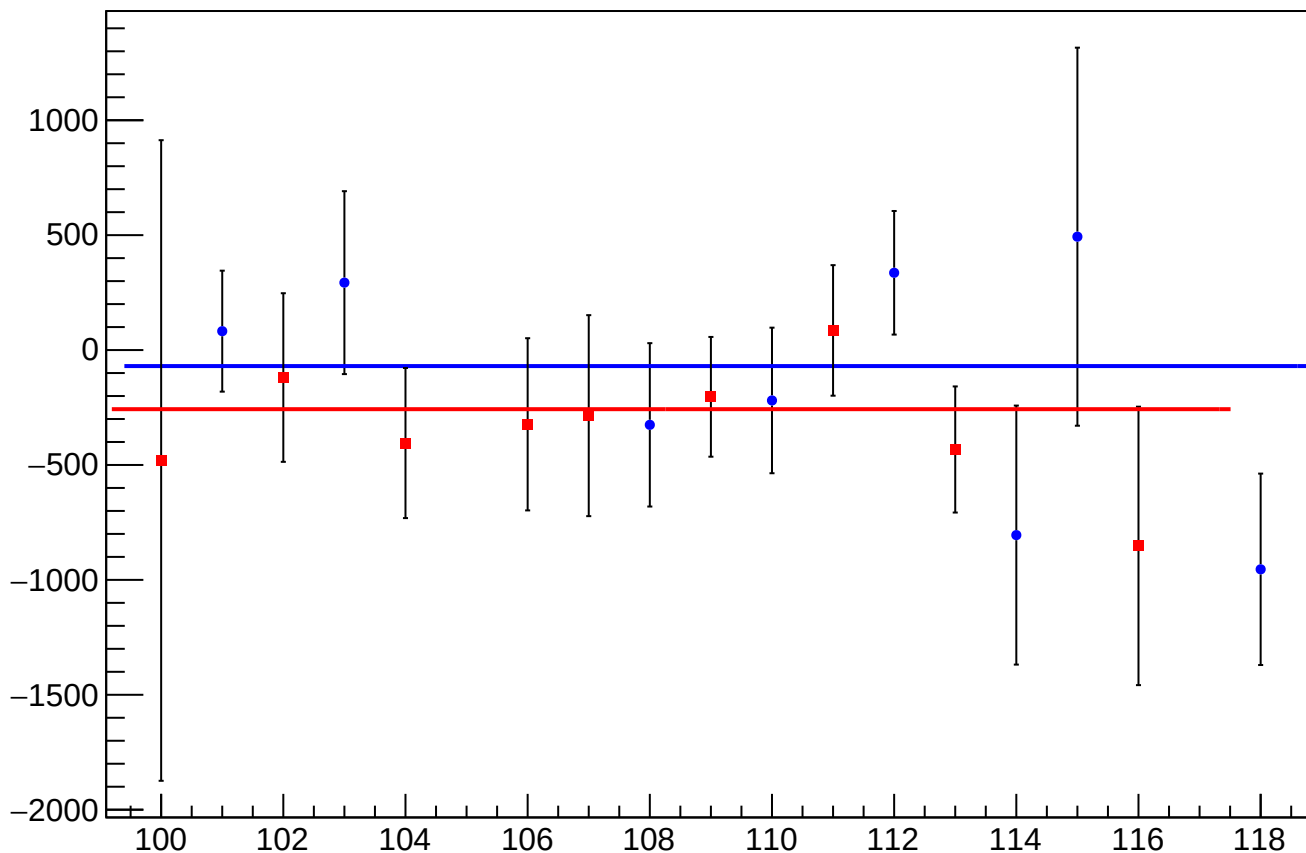
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2061.375 $\pm$ 0.572 χ^2 /NDF: 509325.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam4_mean vs Slug



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: -257.255 ± 117.192 χ^2/NDF : 3.3/8

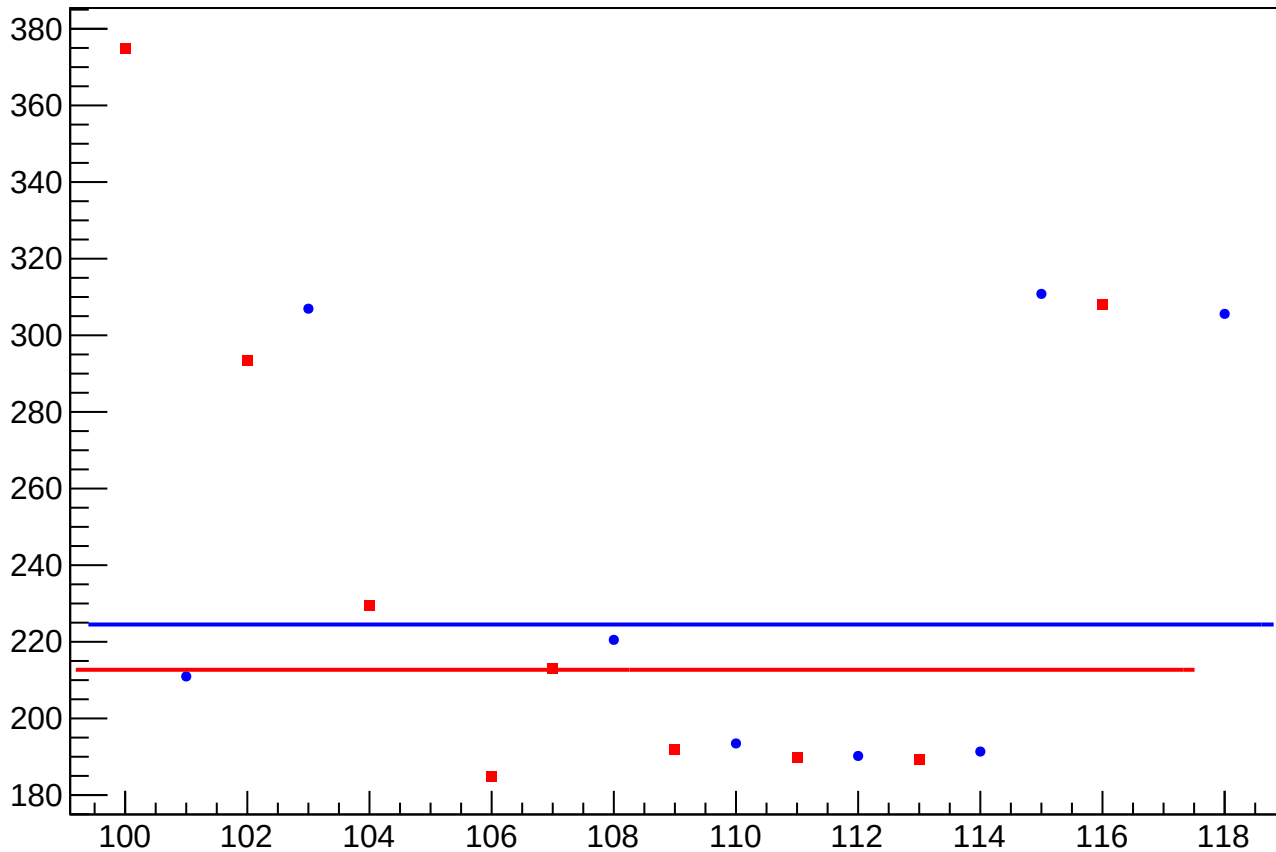
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -170.348 ± 85.853 χ^2/NDF : 15.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 224.515 $\pm$ 0.089 χ^2 /NDF: 247894.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 212.700 $\pm$ 0.083 χ^2 /NDF: 230213.5/8

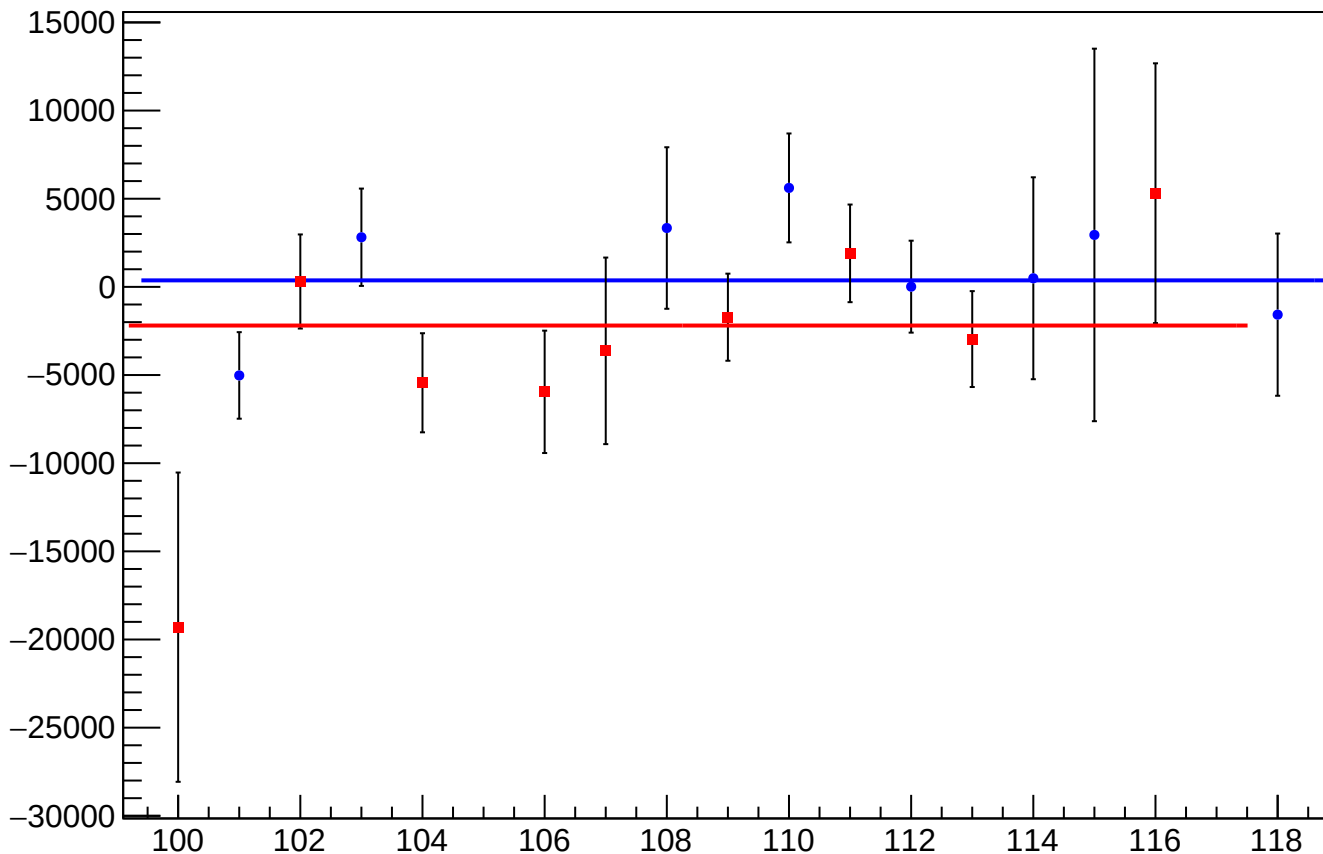
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.174 $\pm$ 0.061 χ^2 /NDF: 487526.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



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: -2192.771+/-1086.680 χ^2/NDF : 10.6/8

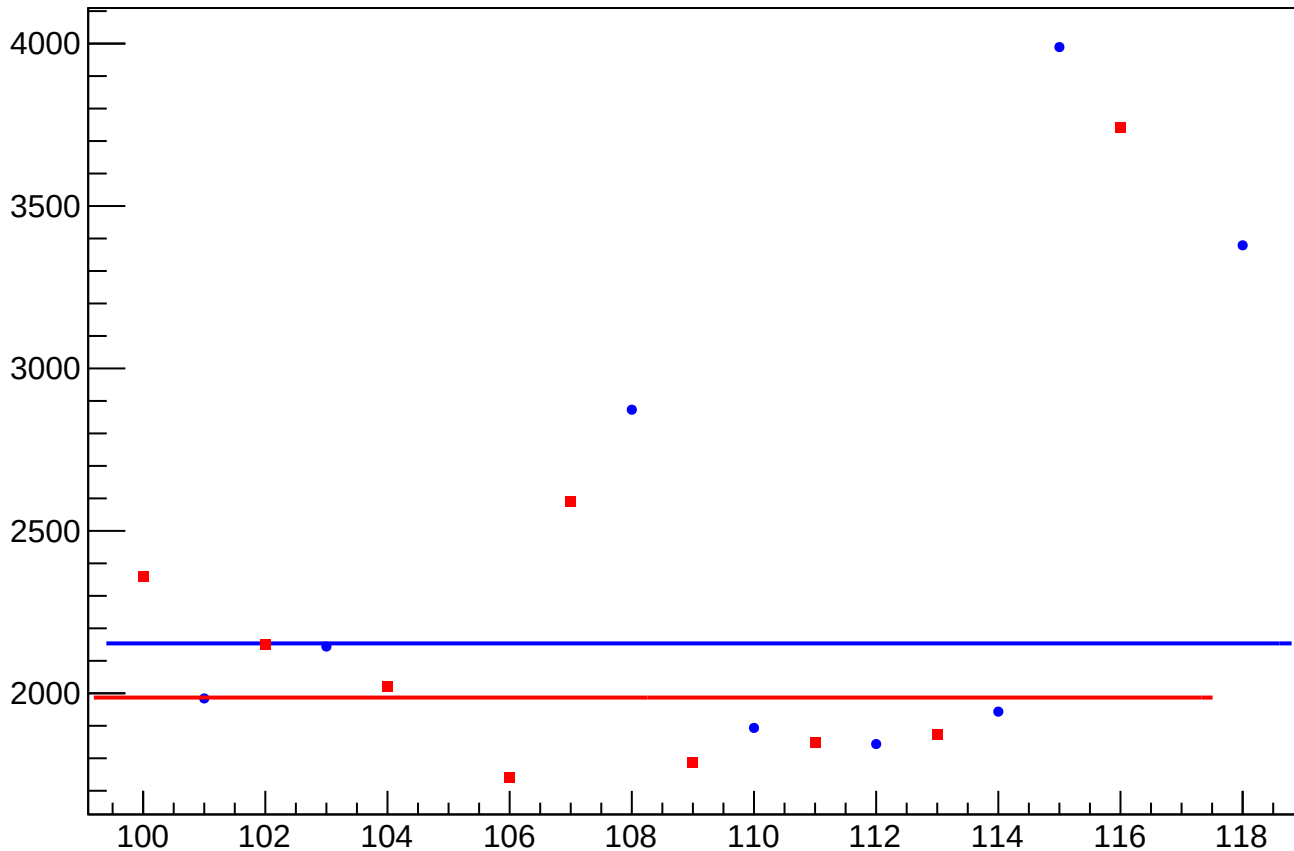
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1048.630+/-808.351 χ^2/NDF : 22.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2153.627 $\pm$ 0.855 χ^2 /NDF: 306302.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1986.910 $\pm$ 0.768 χ^2 /NDF: 181997.0/8

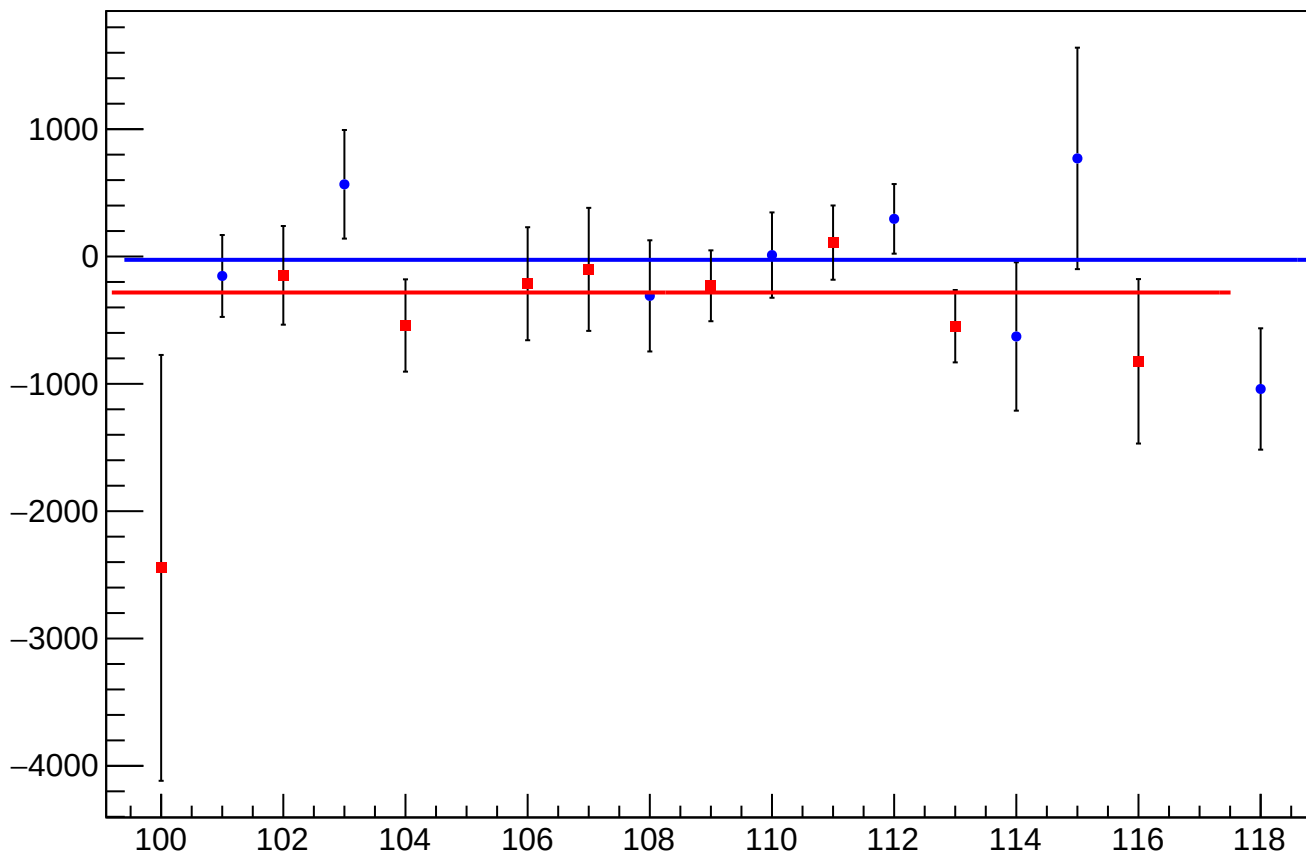
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2061.375 $\pm$ 0.572 χ^2 /NDF: 509325.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam4_mean vs Slug



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: -282.720 ± 125.540 χ^2/NDF : 5.9/8

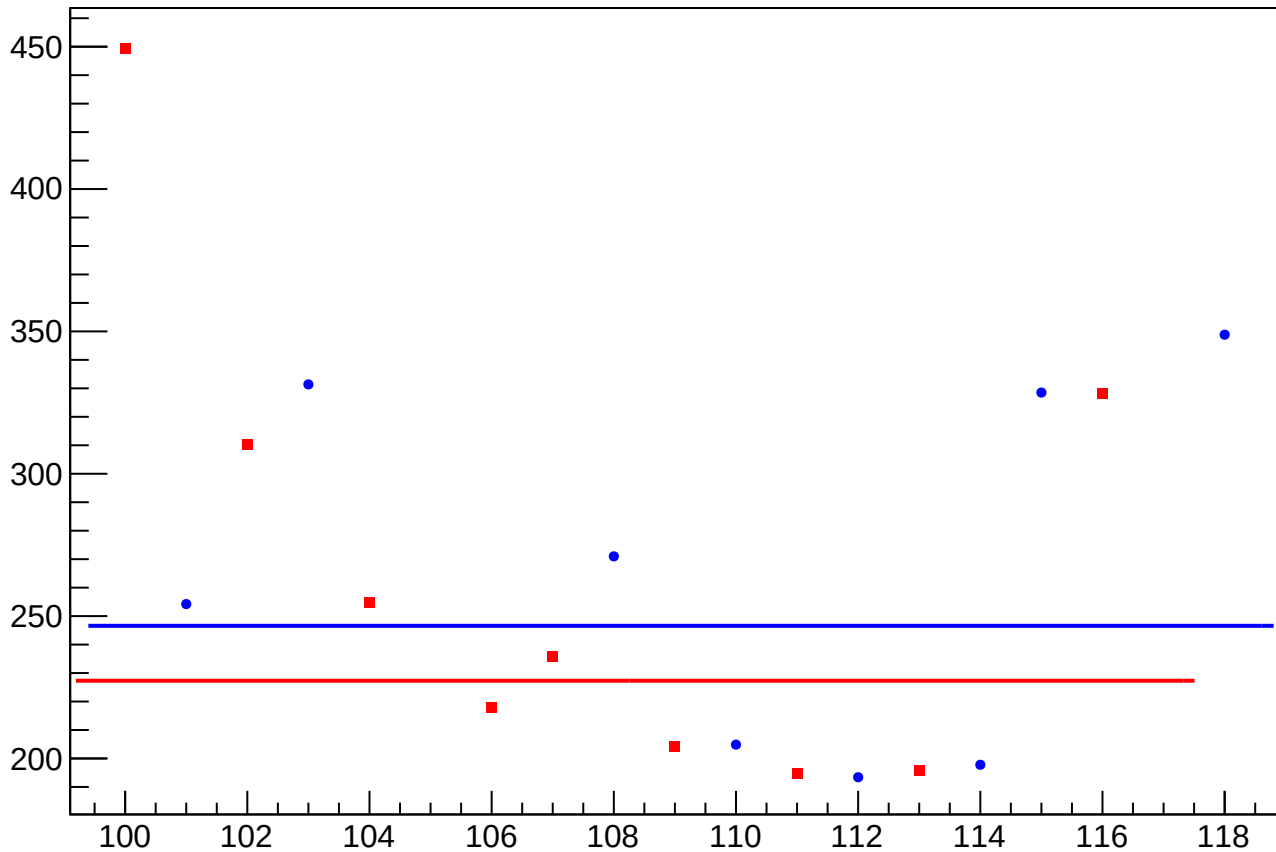
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -167.927 ± 93.328 χ^2/NDF : 18.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 246.594 $\pm$ 0.099 χ^2 /NDF: 316980.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 227.308 $\pm$ 0.089 χ^2 /NDF: 252276.5/8

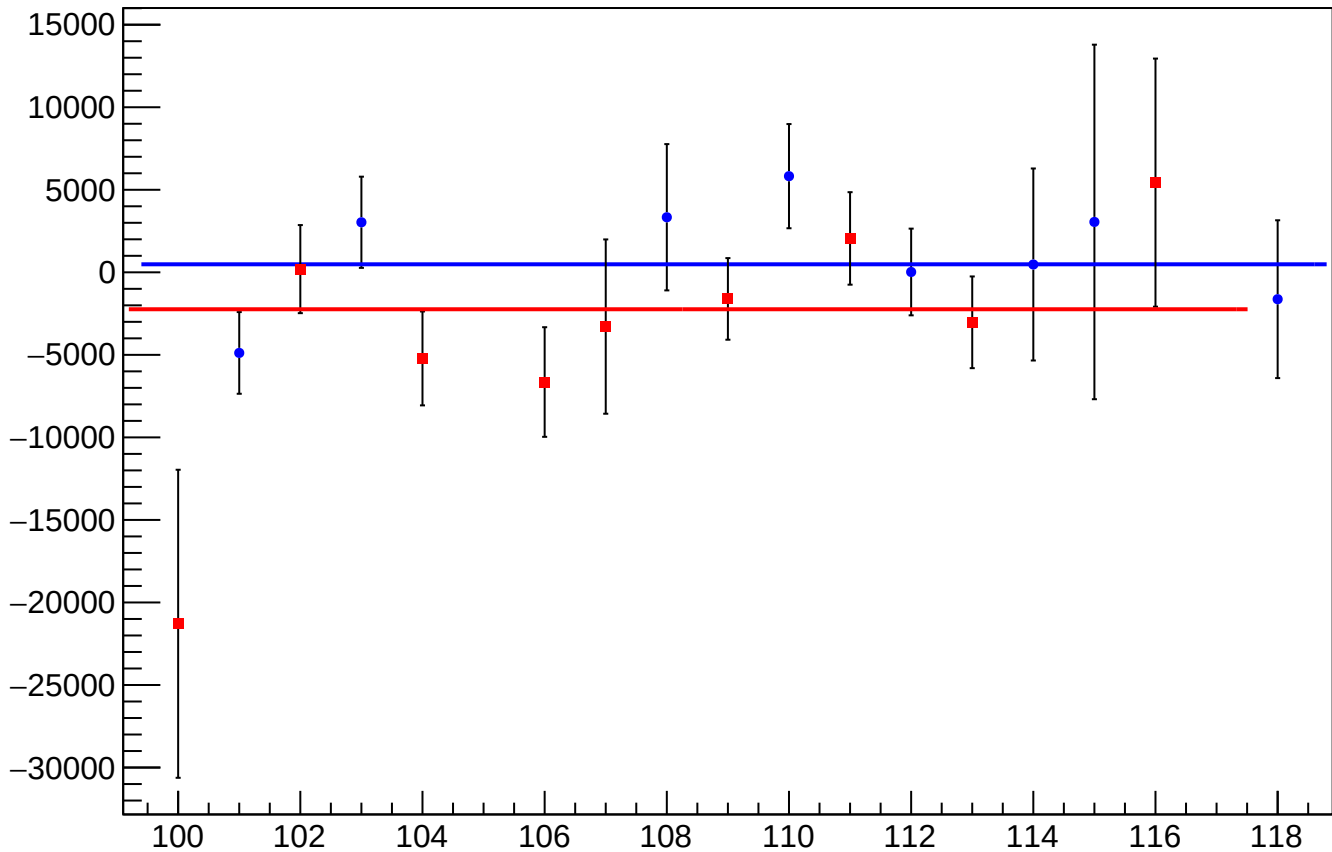
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.935 $\pm$ 0.066 χ^2 /NDF: 590371.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 486.140 $\pm$ 1219.288 χ^2 /NDF: 9.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2237.526 $\pm$ 1090.855 χ^2 /NDF: 11.4/8

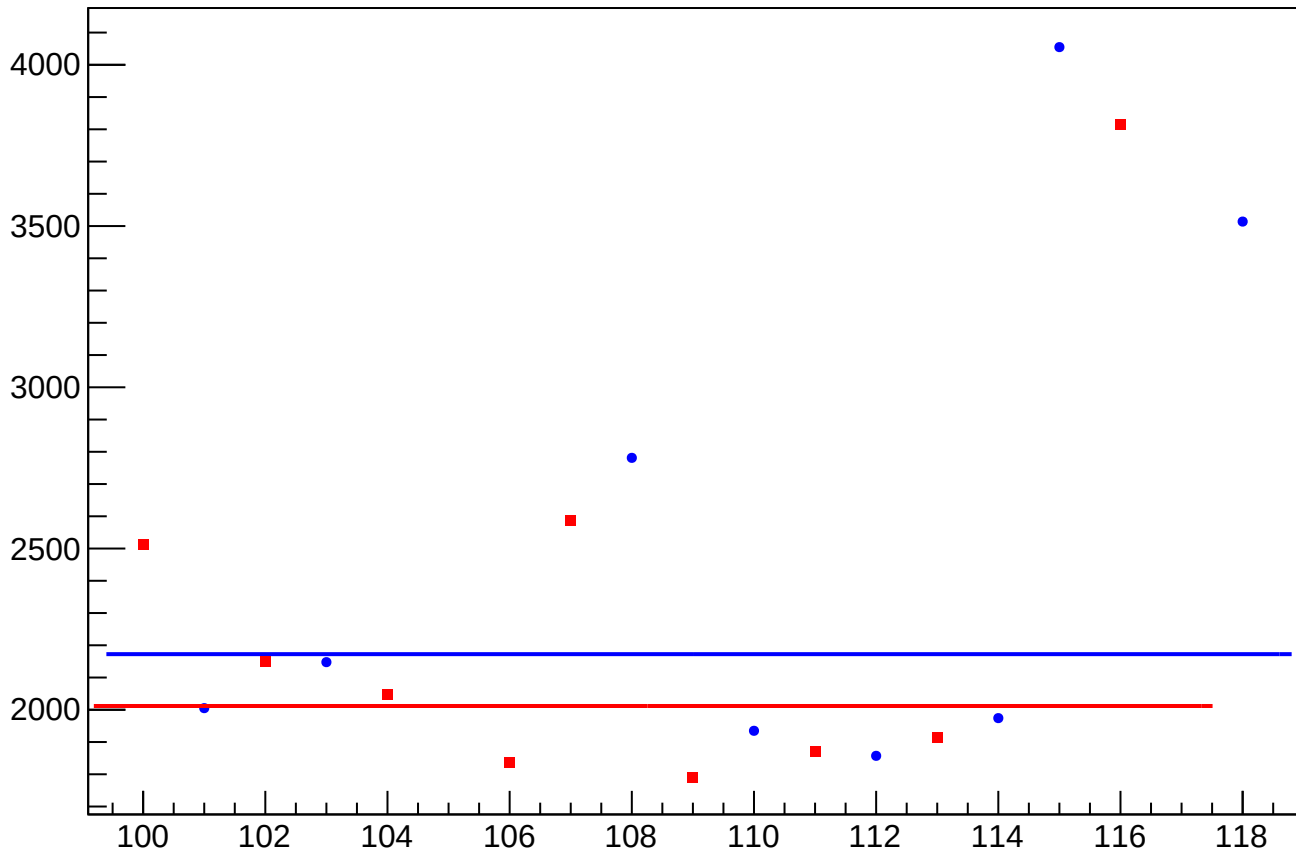
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1026.650 $\pm$ 812.979 χ^2 /NDF: 23.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2172.490 $\pm$ 0.862 χ^2 /NDF: 308478.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2011.723 $\pm$ 0.771 χ^2 /NDF: 179556.8/8

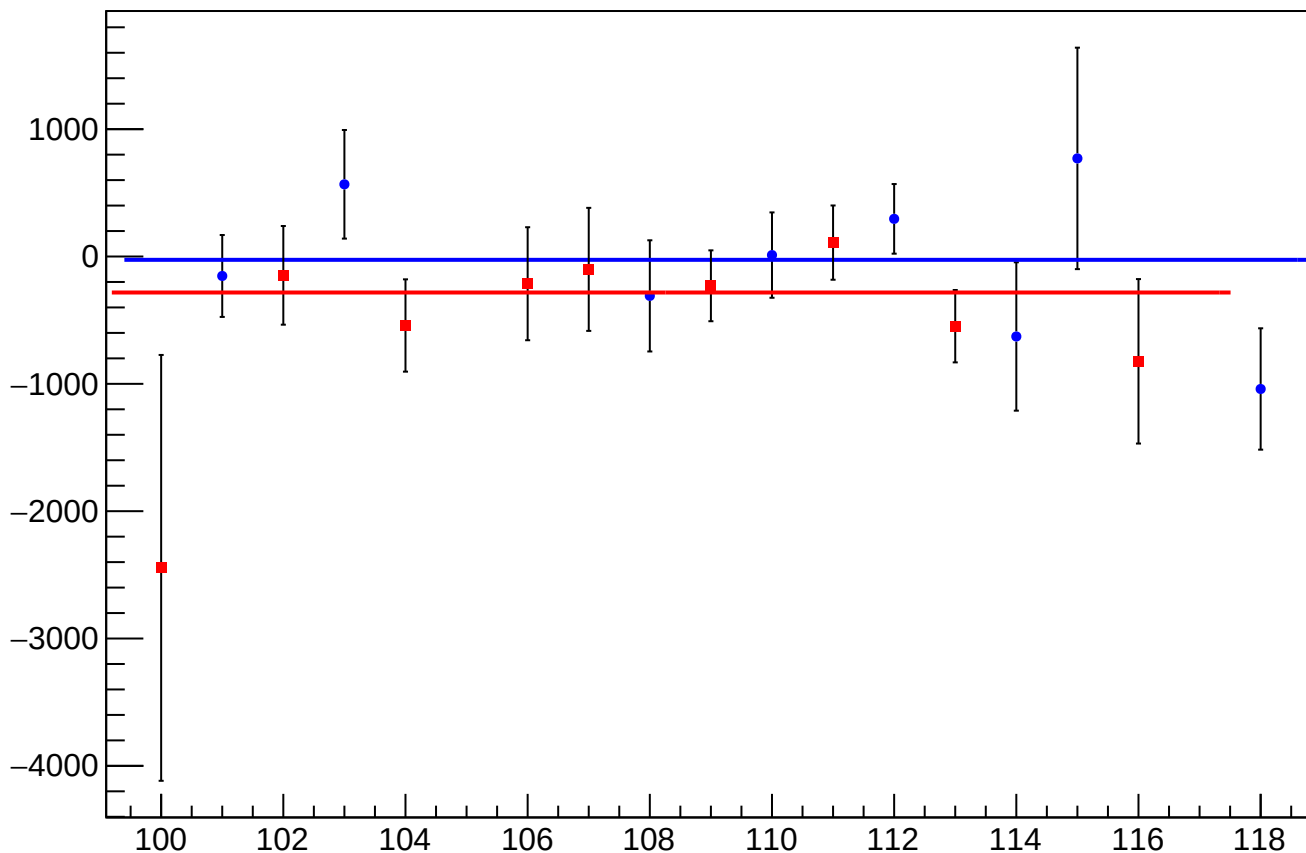
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2083.196 $\pm$ 0.575 χ^2 /NDF: 507347.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_mean vs Slug



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: -282.717 $\pm$ 125.540 χ^2 /NDF: 5.9/8

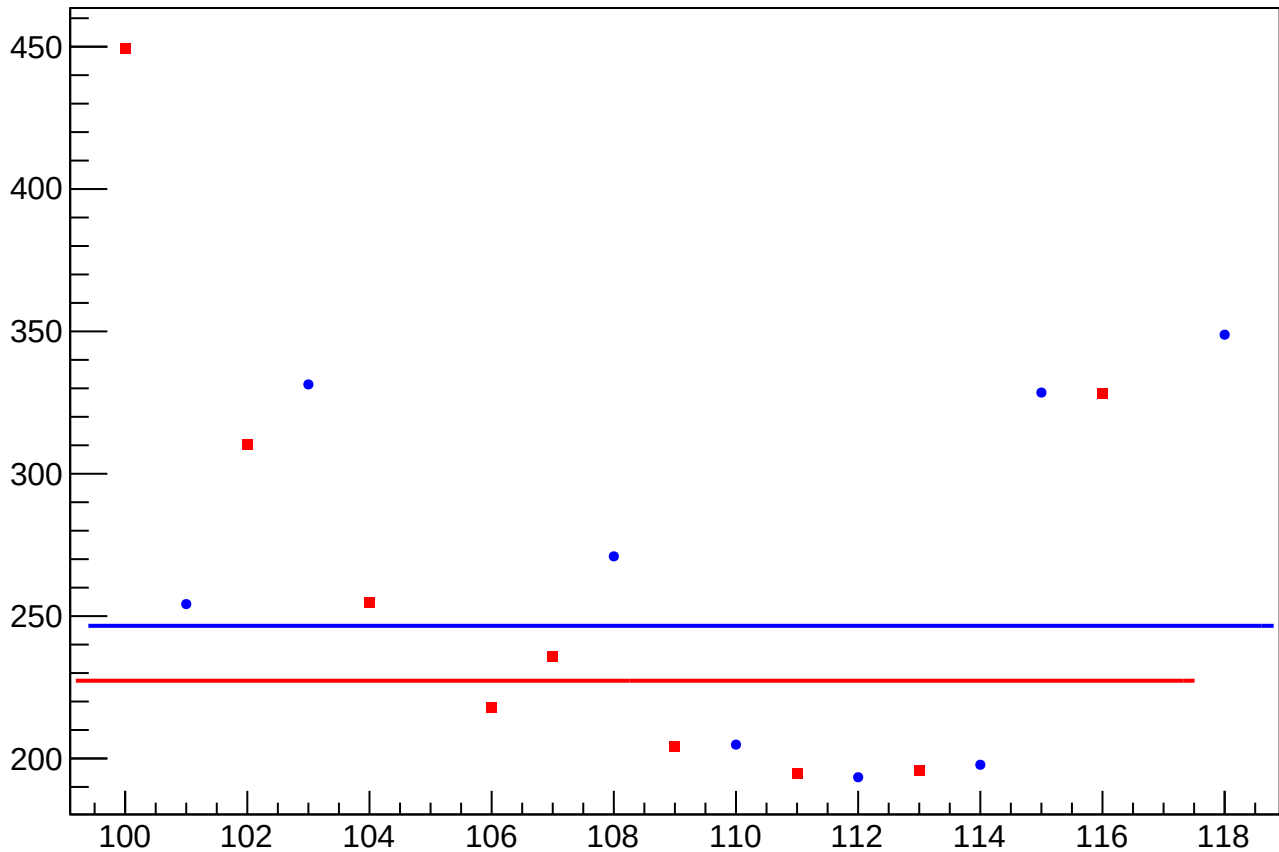
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -167.926 $\pm$ 93.328 χ^2 /NDF: 18.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 246.594 $\pm$ 0.099 χ^2 /NDF: 316985.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 227.308 $\pm$ 0.089 χ^2 /NDF: 252278.6/8

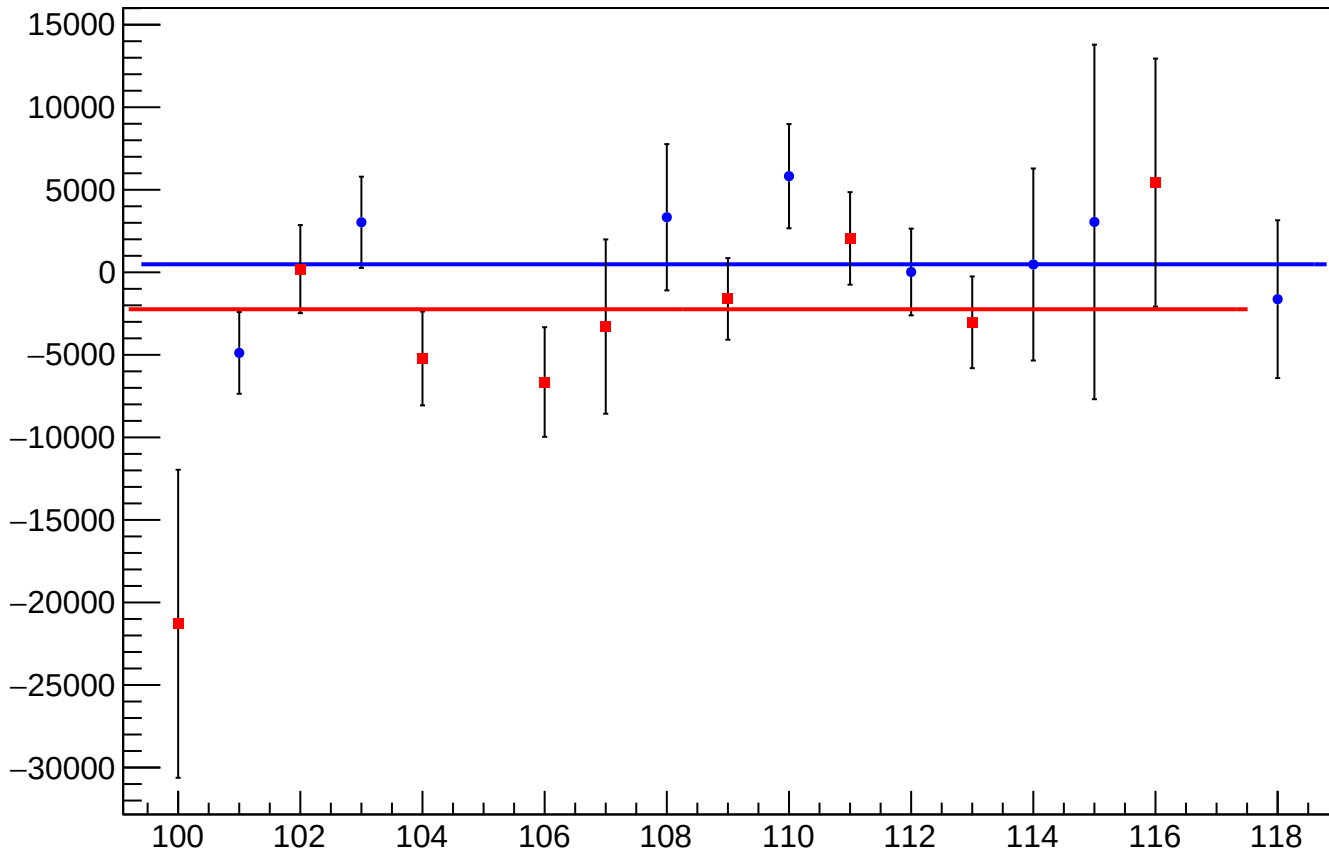
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 235.935 $\pm$ 0.066 χ^2 /NDF: 590378.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



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: -2237.523+/-1090.854 χ^2/NDF : 11.4/8

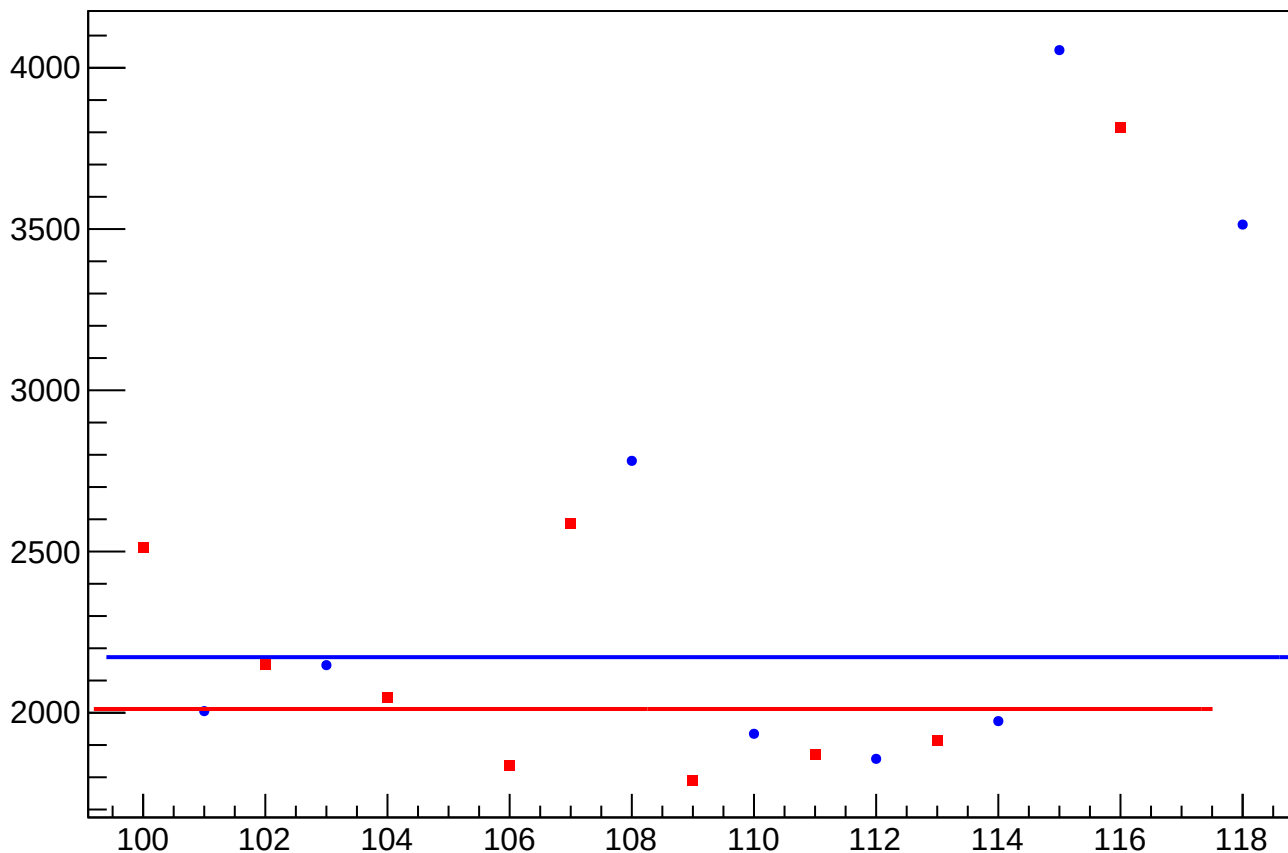
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1026.648+/-812.978 χ^2/NDF : 23.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2172.489 $\pm$ 0.862 χ^2 /NDF: 308479.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2011.721 $\pm$ 0.771 χ^2 /NDF: 179558.2/8

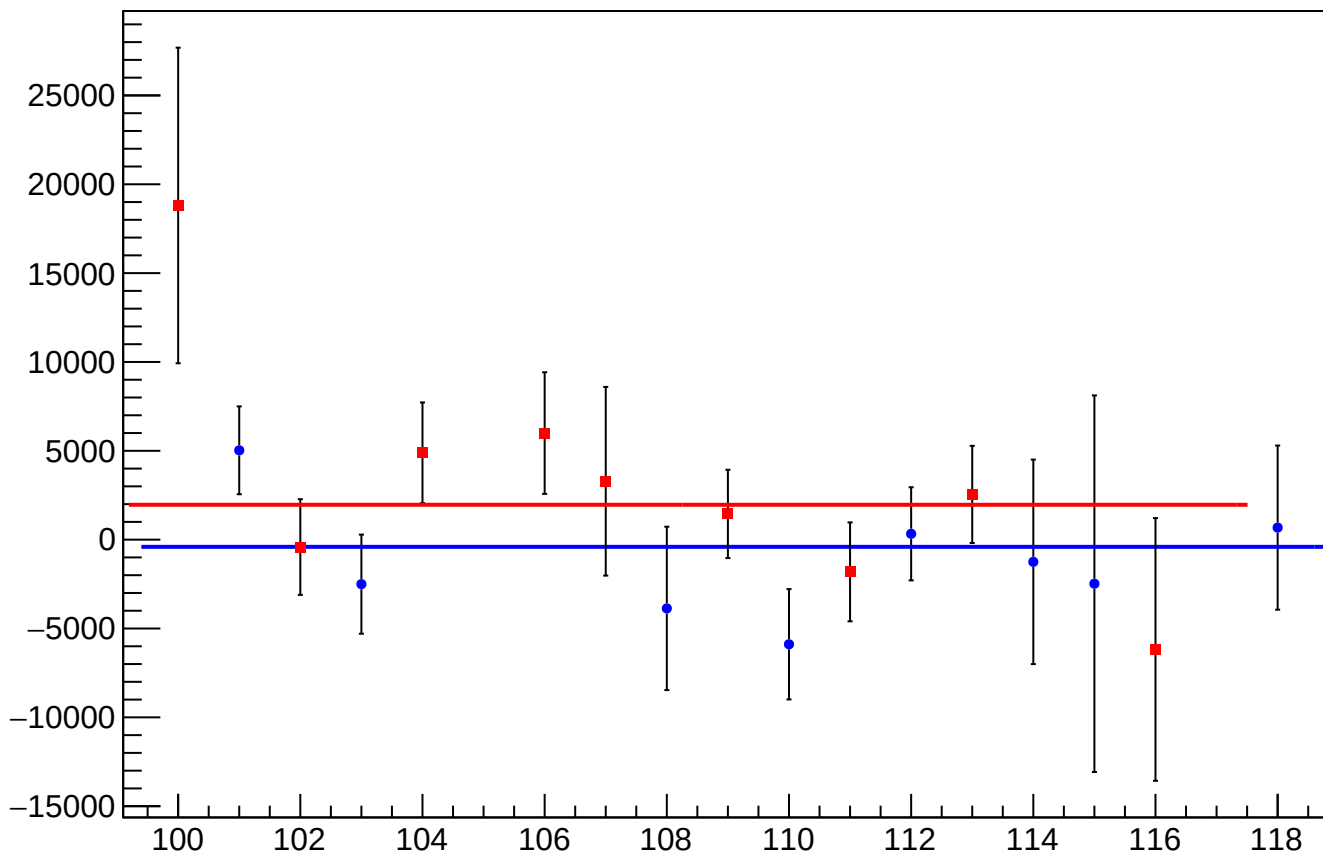
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2083.195 $\pm$ 0.575 χ^2 /NDF: 507350.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_mean vs Slug



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: 1963.692+/-1091.572 χ^2/NDF : 10.0/8

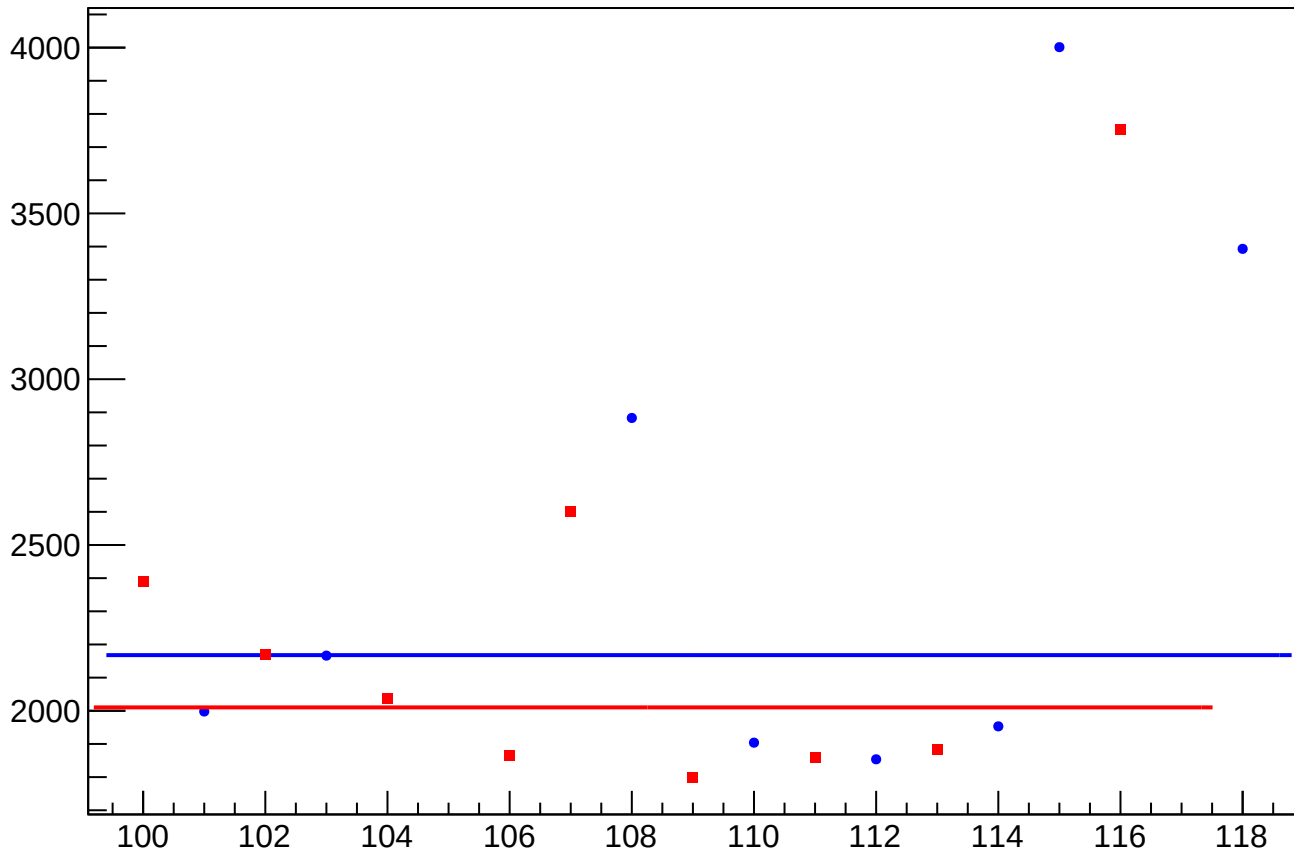
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 908.520+/-812.704 χ^2/NDF : 21.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2167.869 $\pm$ 0.861 χ^2 /NDF: 304444.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2010.247 $\pm$ 0.772 χ^2 /NDF: 174936.8/8

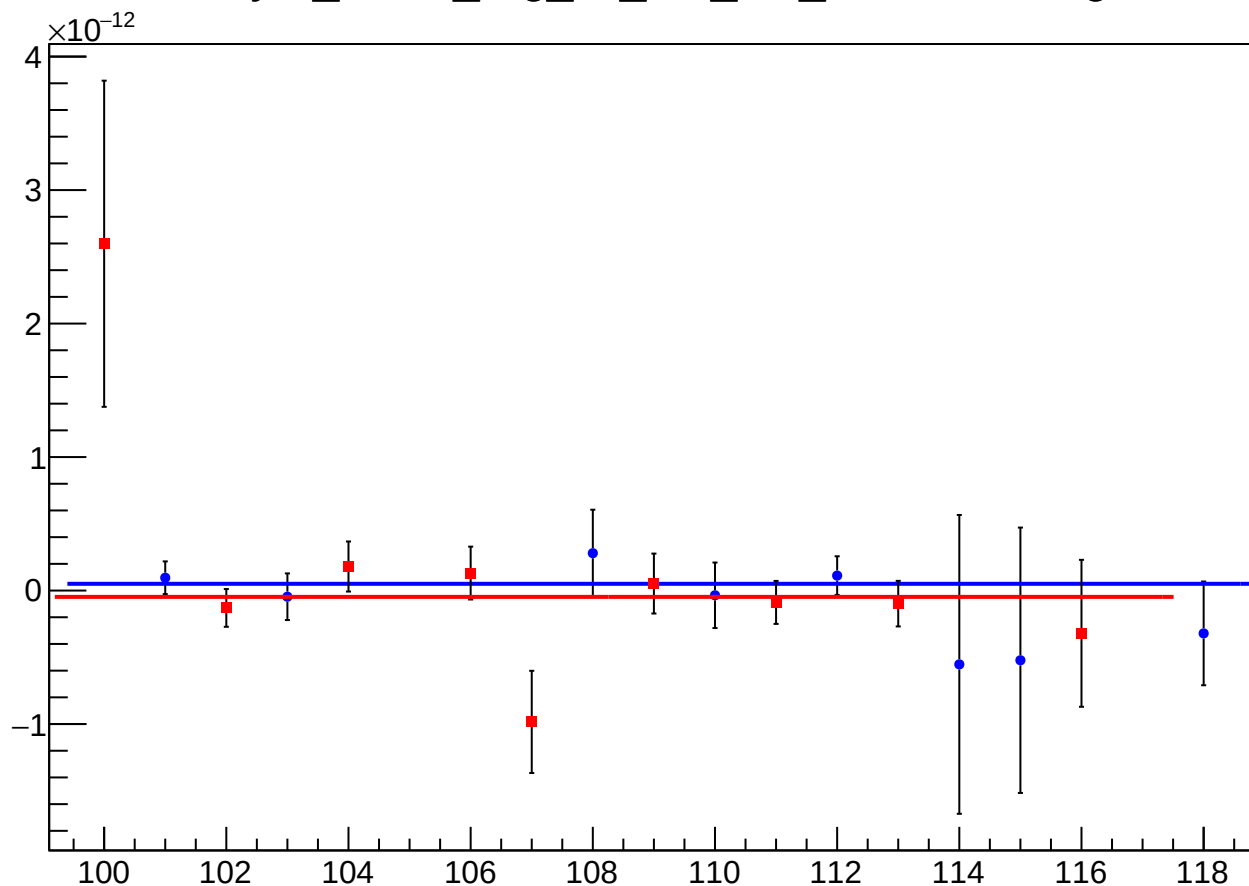
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2080.496 $\pm$ 0.575 χ^2 /NDF: 497966.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/8

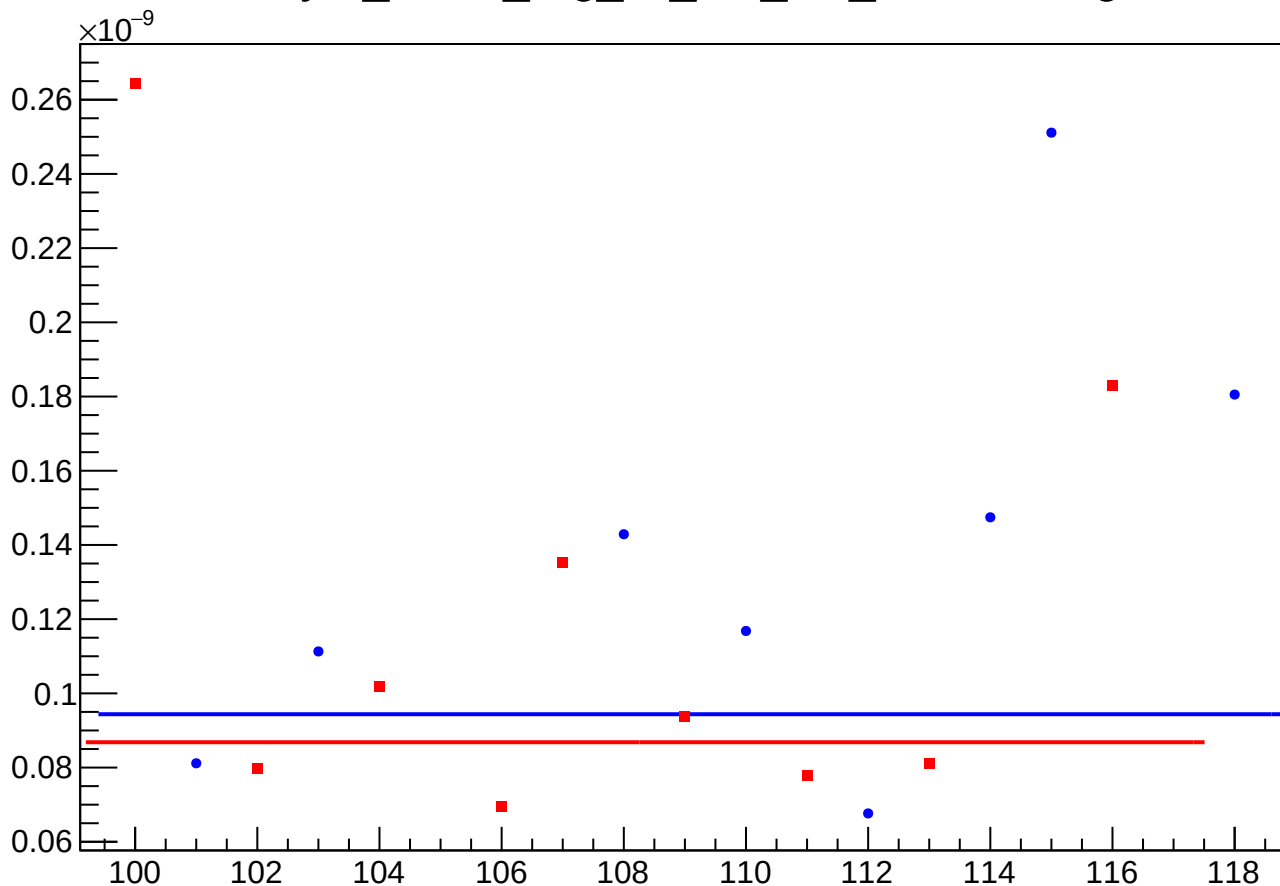
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_vs_cor_diff_rms vs Slug



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 : 178807.7/8

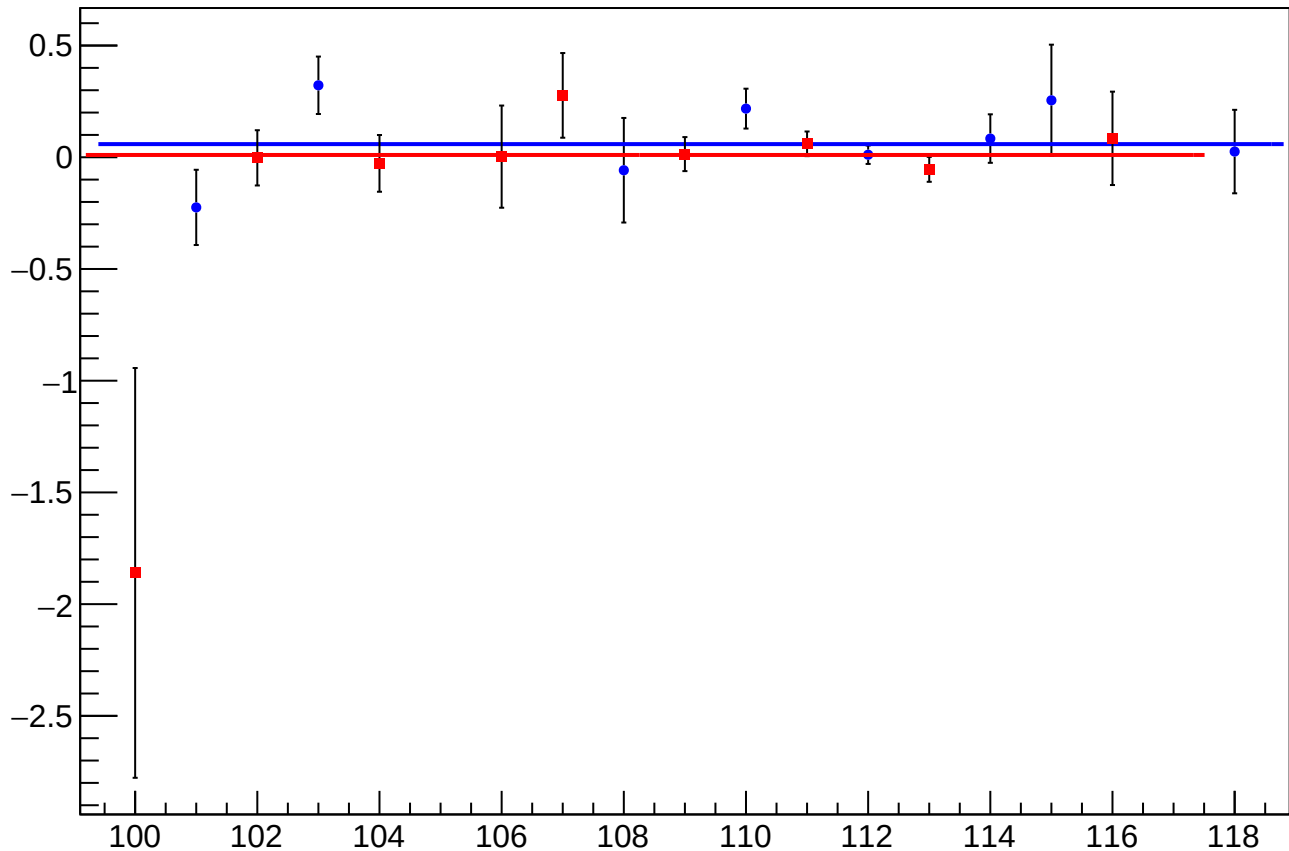
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 513781.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



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: 0.010 $\pm$ 0.031 χ^2 /NDF: 8.5/8

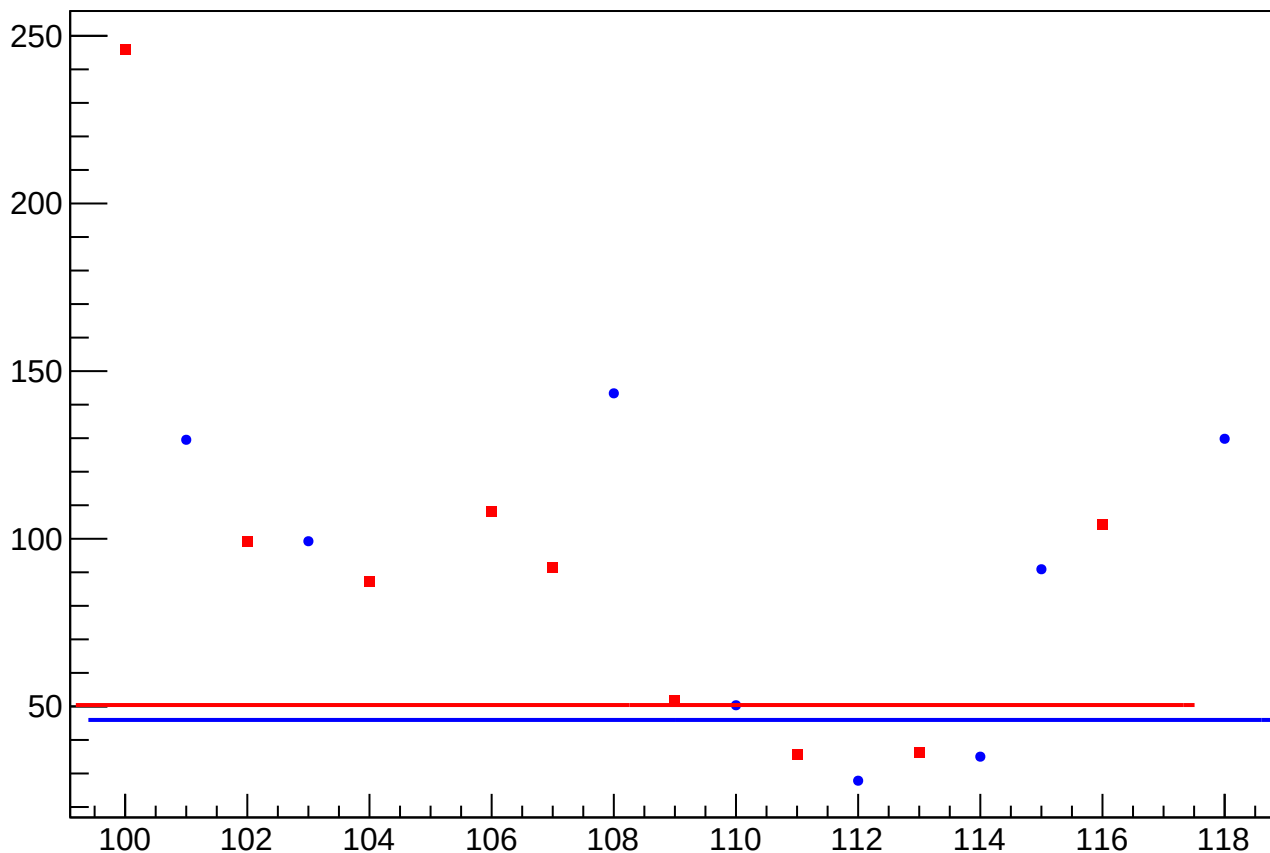
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



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: 50.415+/-0.022 χ^2/NDF : 1201300.2/8

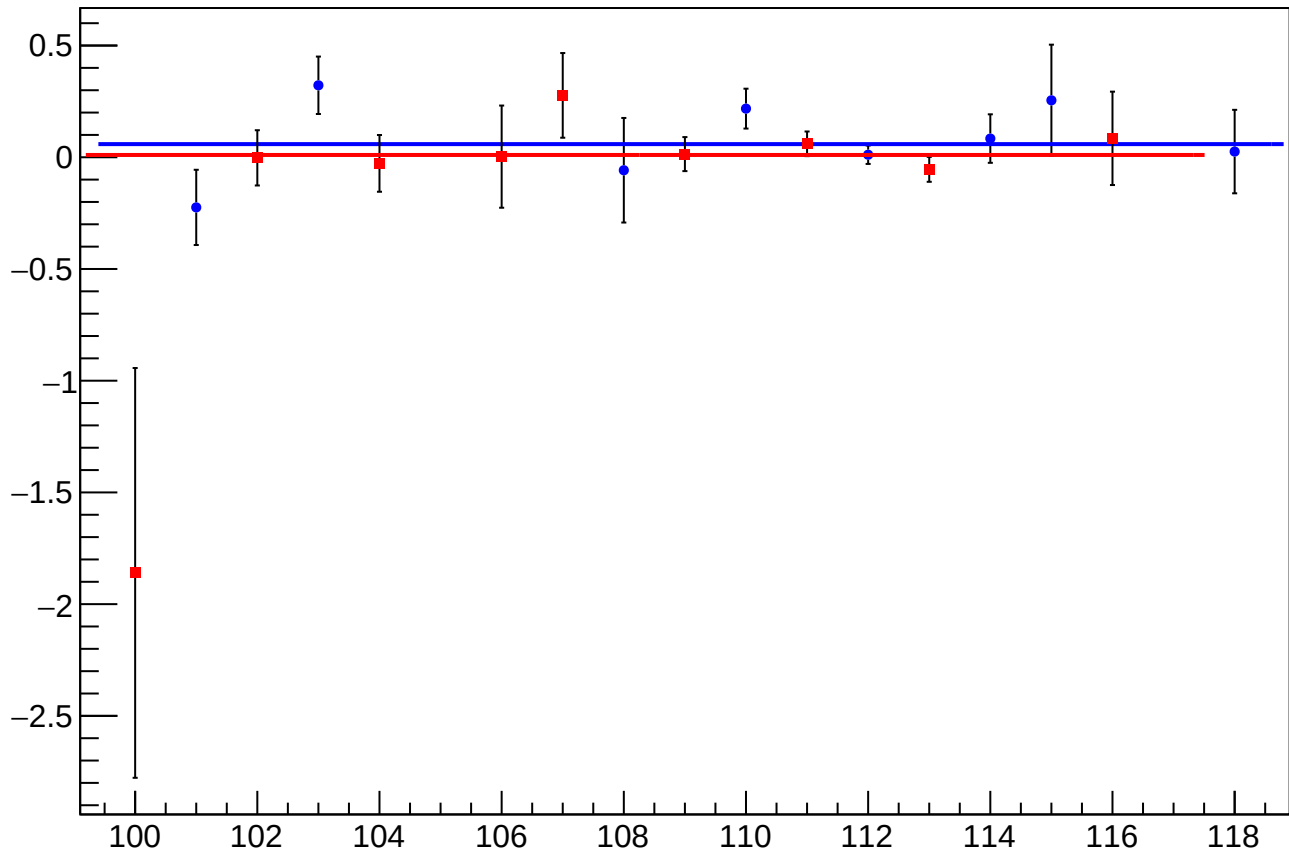
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.261+/-0.016 χ^2/NDF : 3285214.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.010 $\pm$ 0.031 χ^2 /NDF: 8.5/8

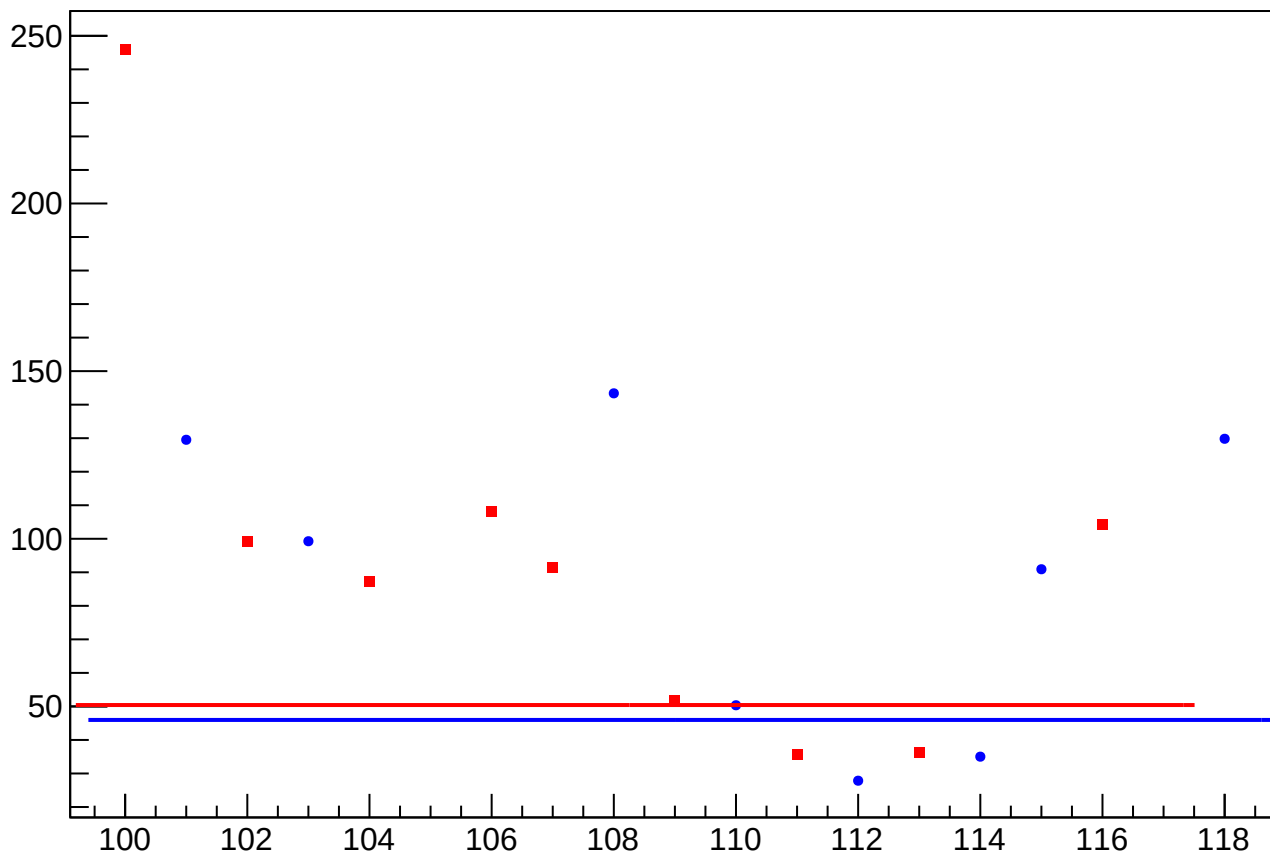
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.415+/-0.022 χ^2/NDF : 1201300.2/8

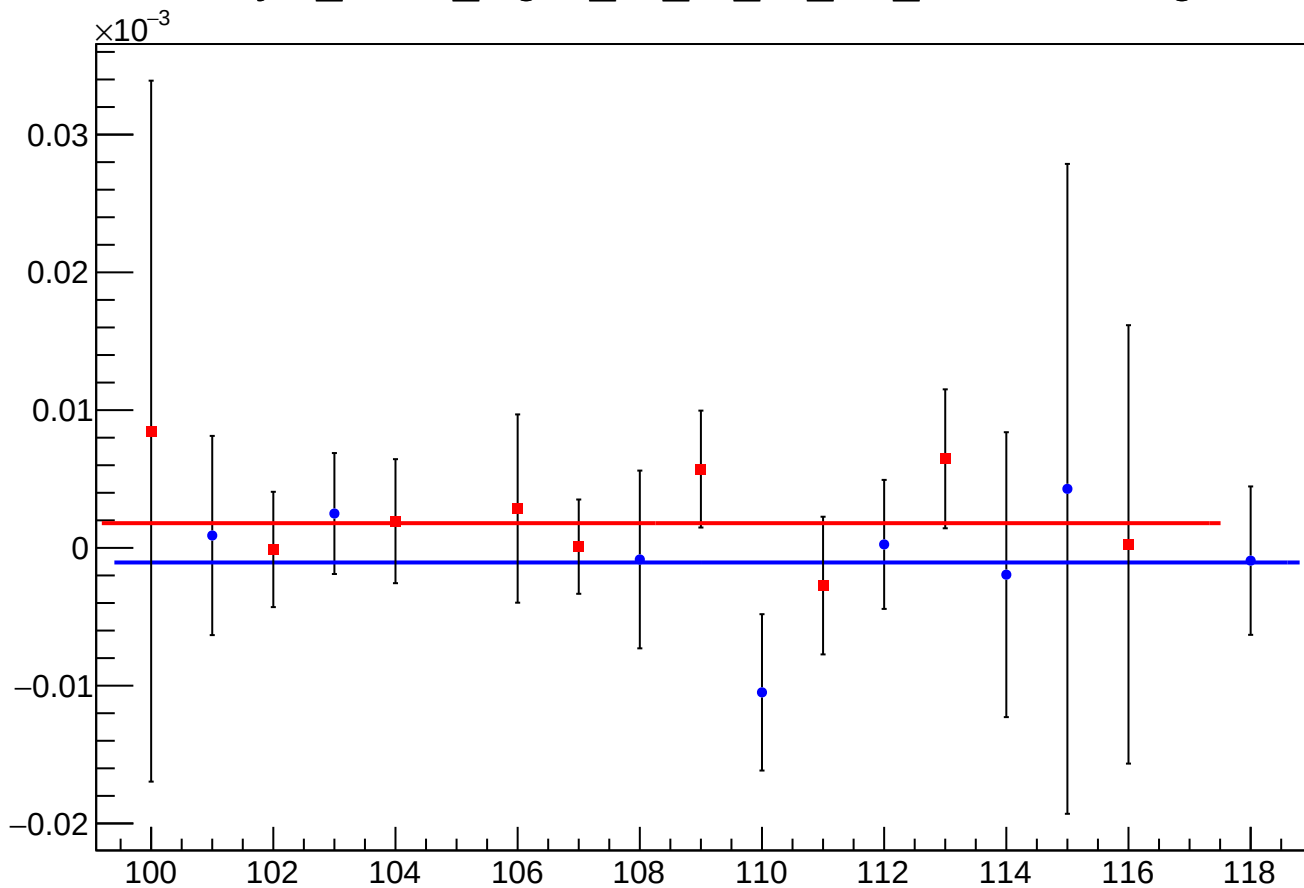
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.261+/-0.016 χ^2/NDF : 3285214.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug



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: 3.1/8

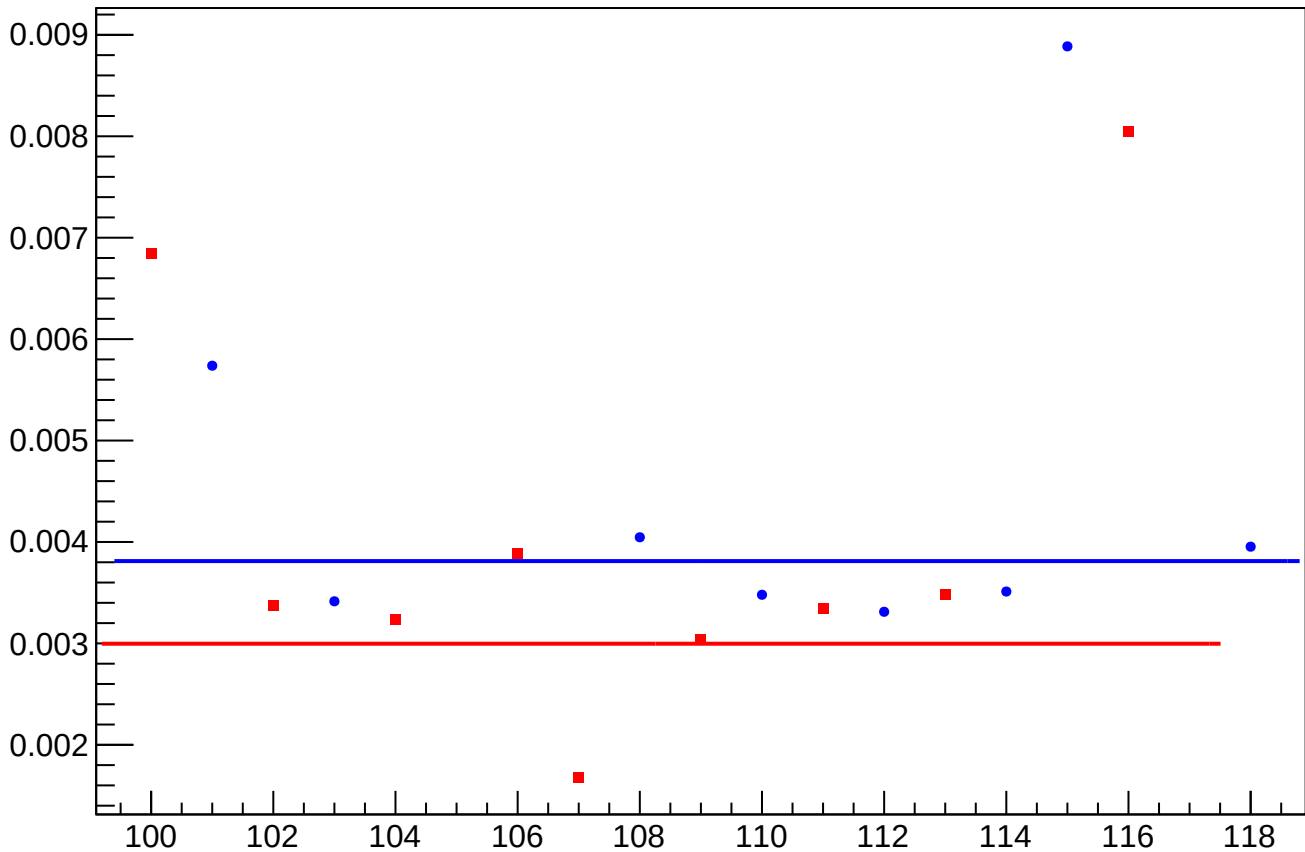
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug



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 : 627143.8/8

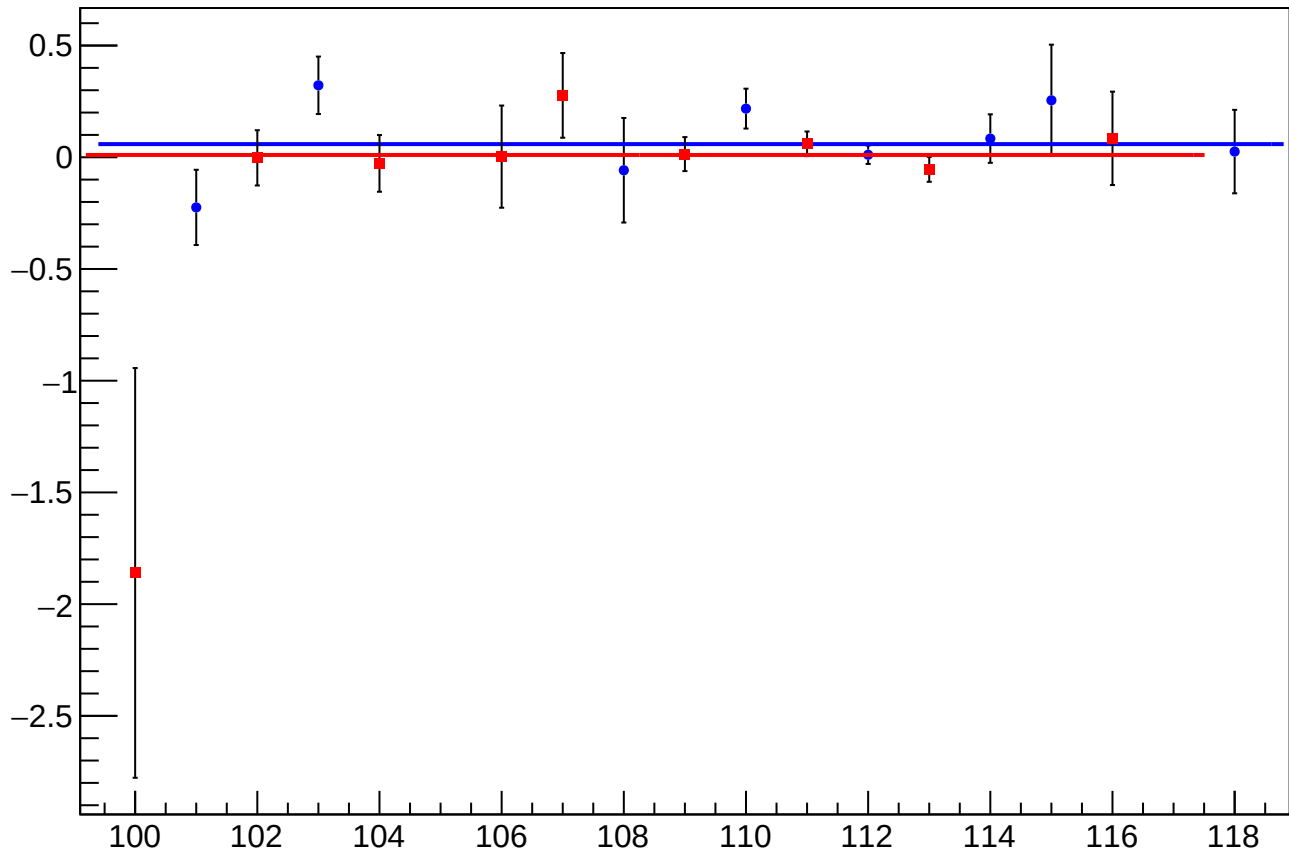
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1092215.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.010 $\pm$ 0.031 χ^2 /NDF: 8.5/8

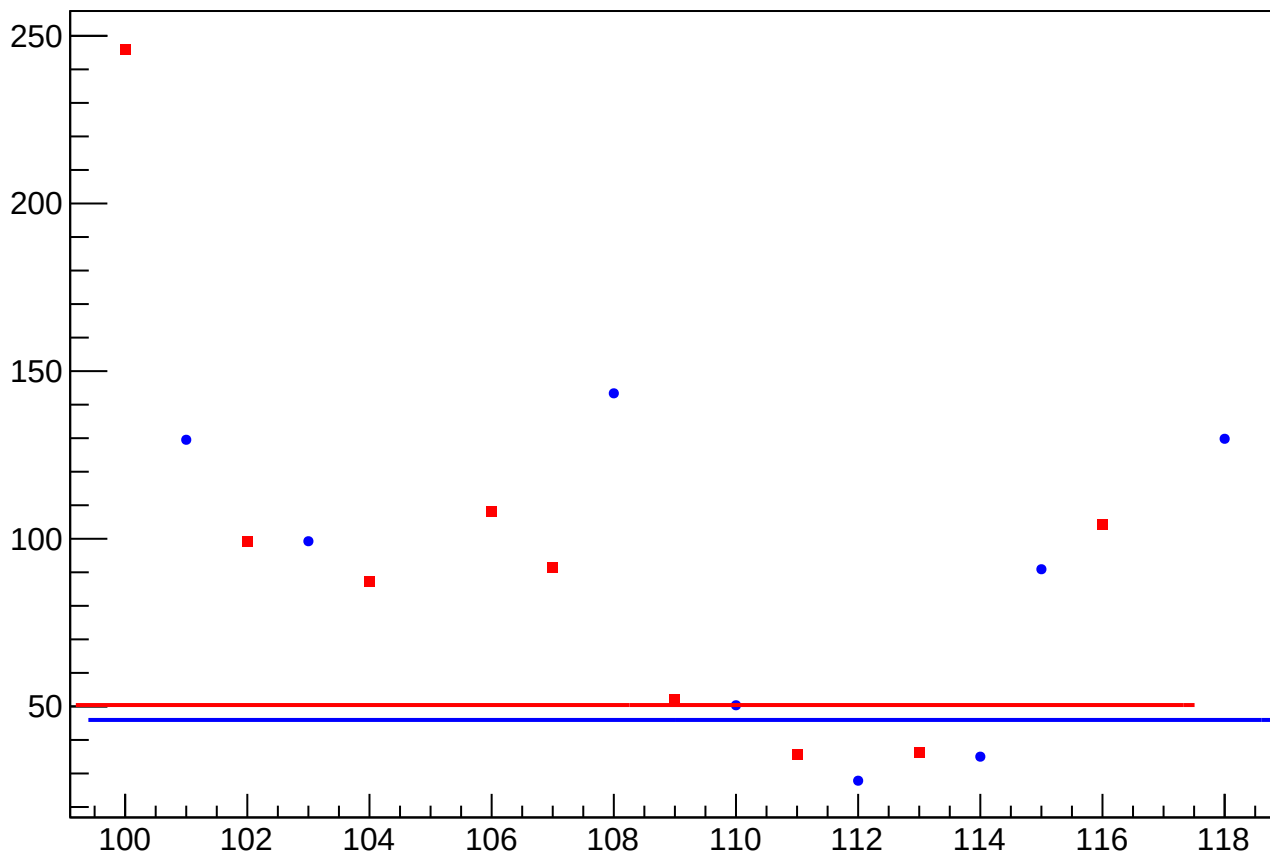
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



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: 50.413+/-0.022 χ^2/NDF : 1201408.7/8

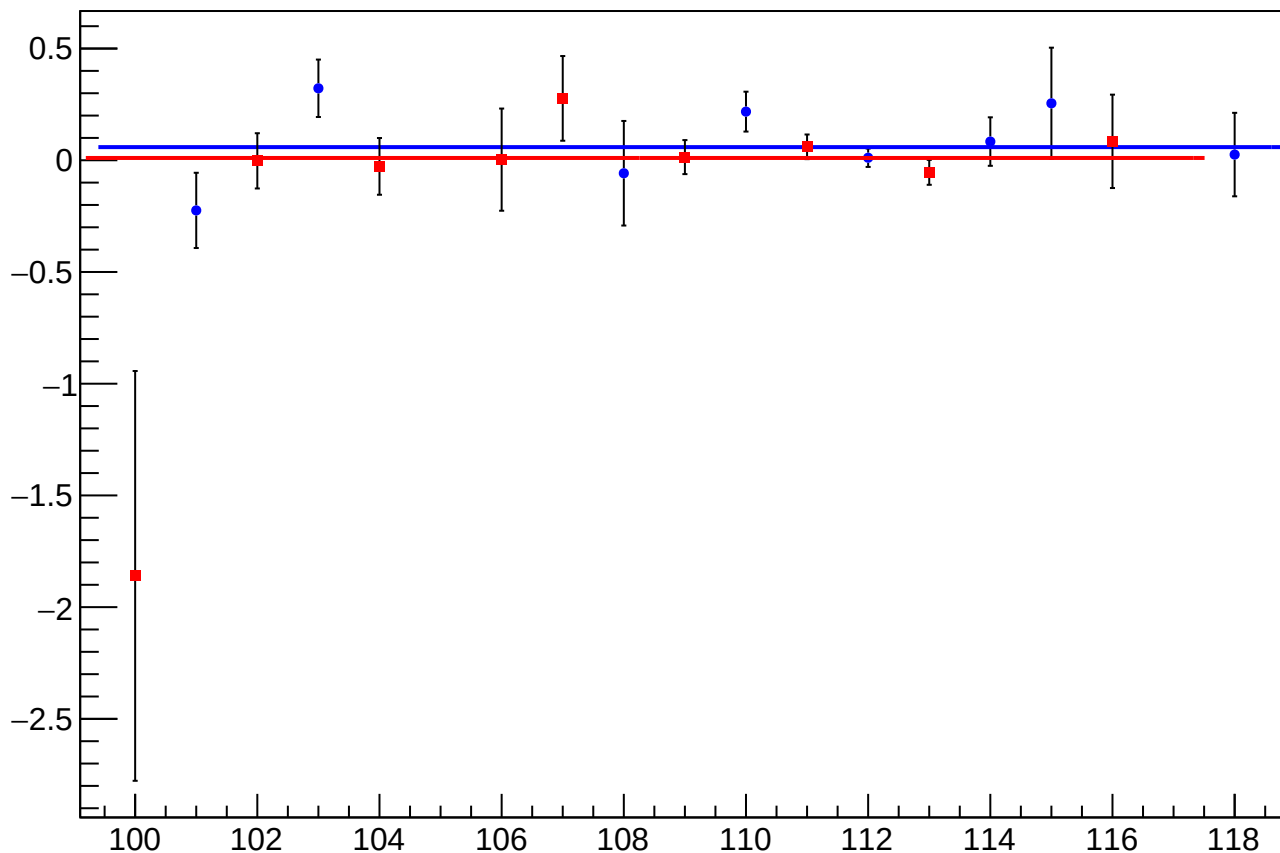
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.259+/-0.016 χ^2/NDF : 3285434.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.010 $\pm$ 0.031 χ^2 /NDF: 8.5/8

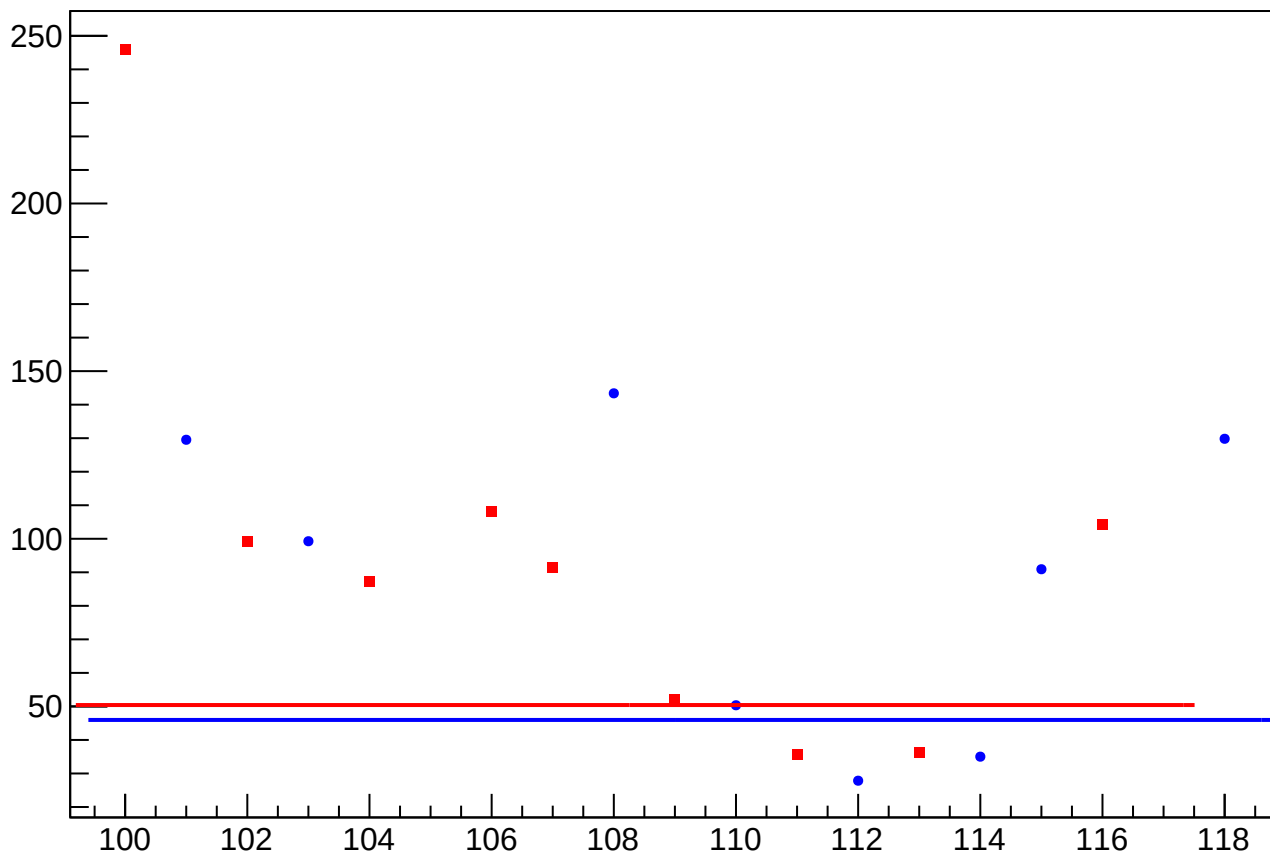
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.034 $\pm$ 0.022 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 50.413 $\pm$ 0.022 χ^2 /NDF: 1201408.7/8

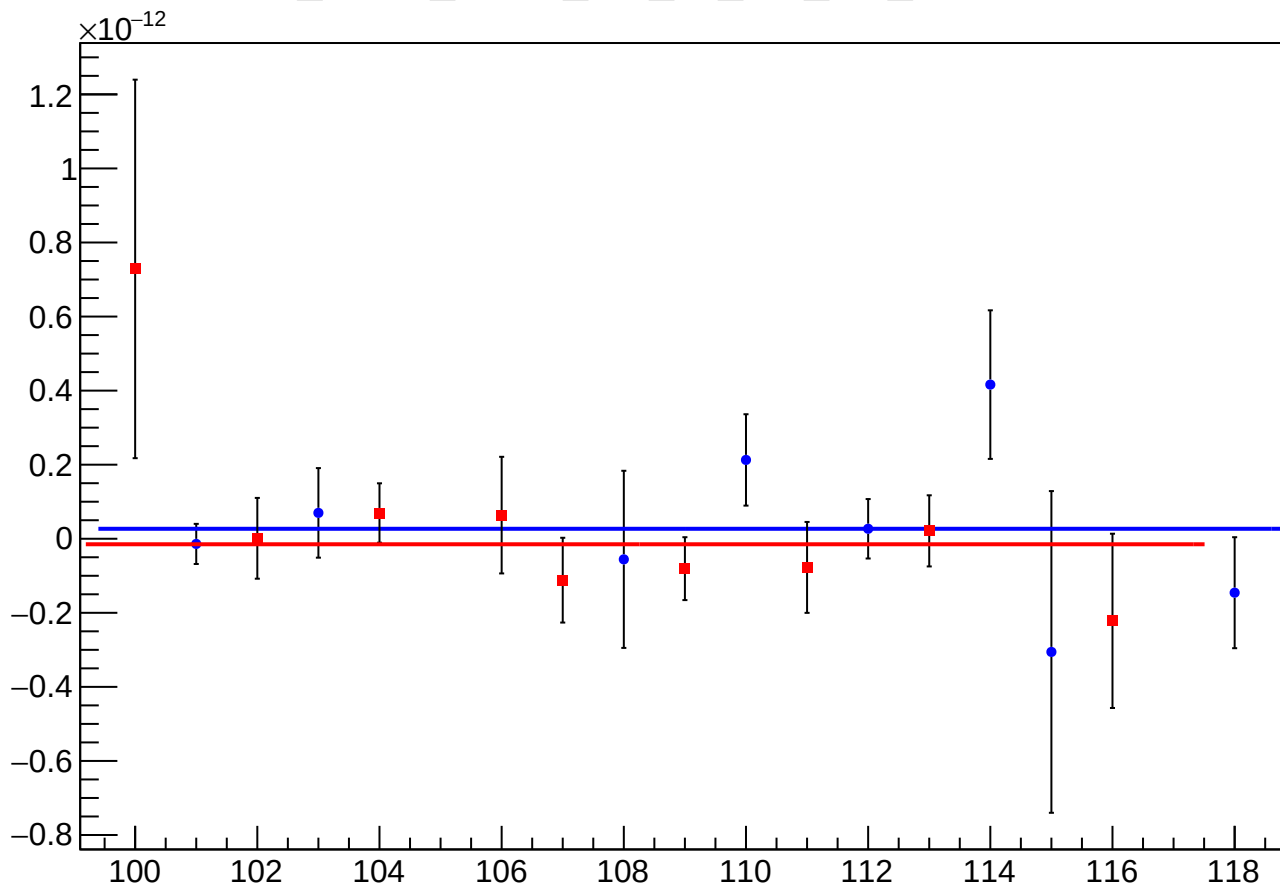
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.259 $\pm$ 0.016 χ^2 /NDF: 3285434.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 8.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 6.0/8

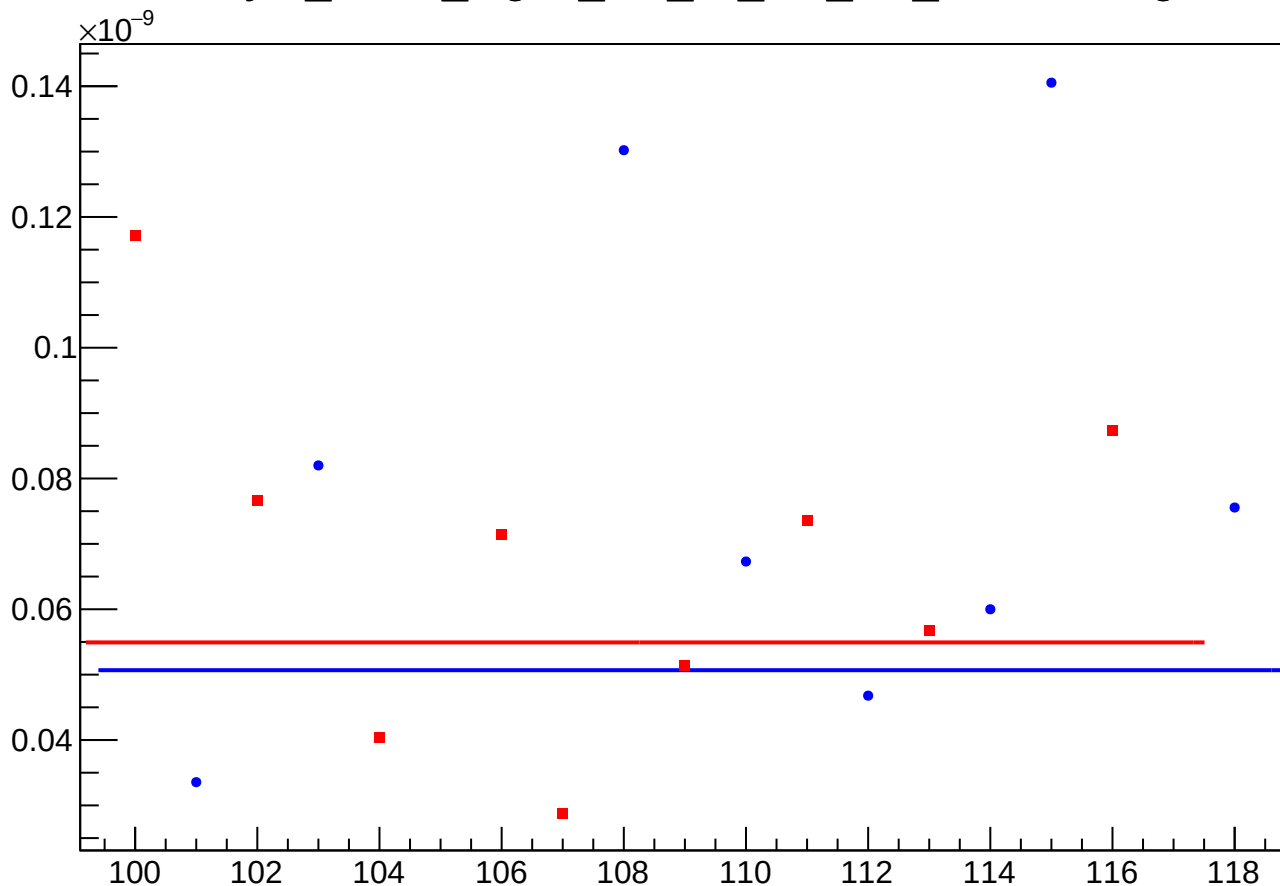
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 15.4/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug



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 : 388655.8/8

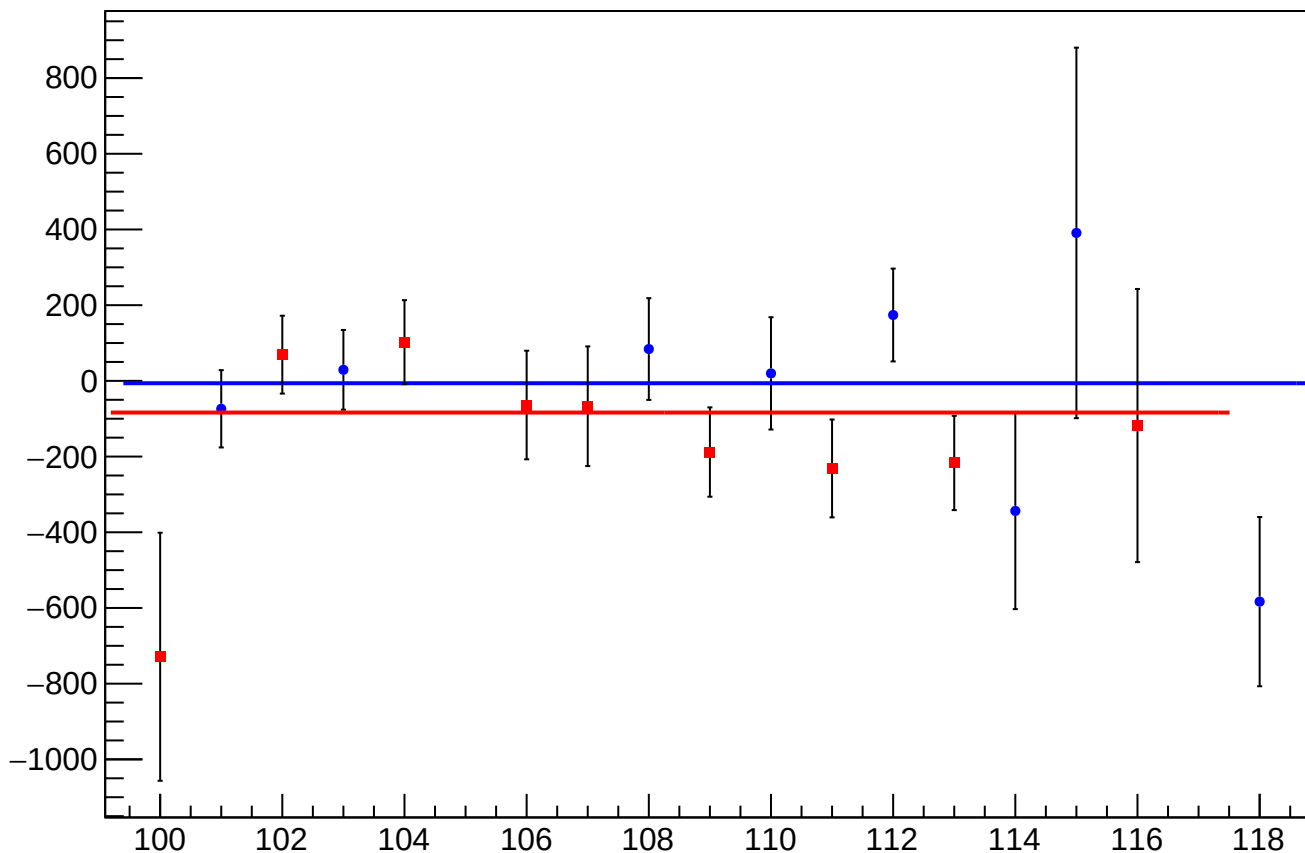
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1142583.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



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: -83.703+/-45.771 χ^2/NDF : 12.2/8

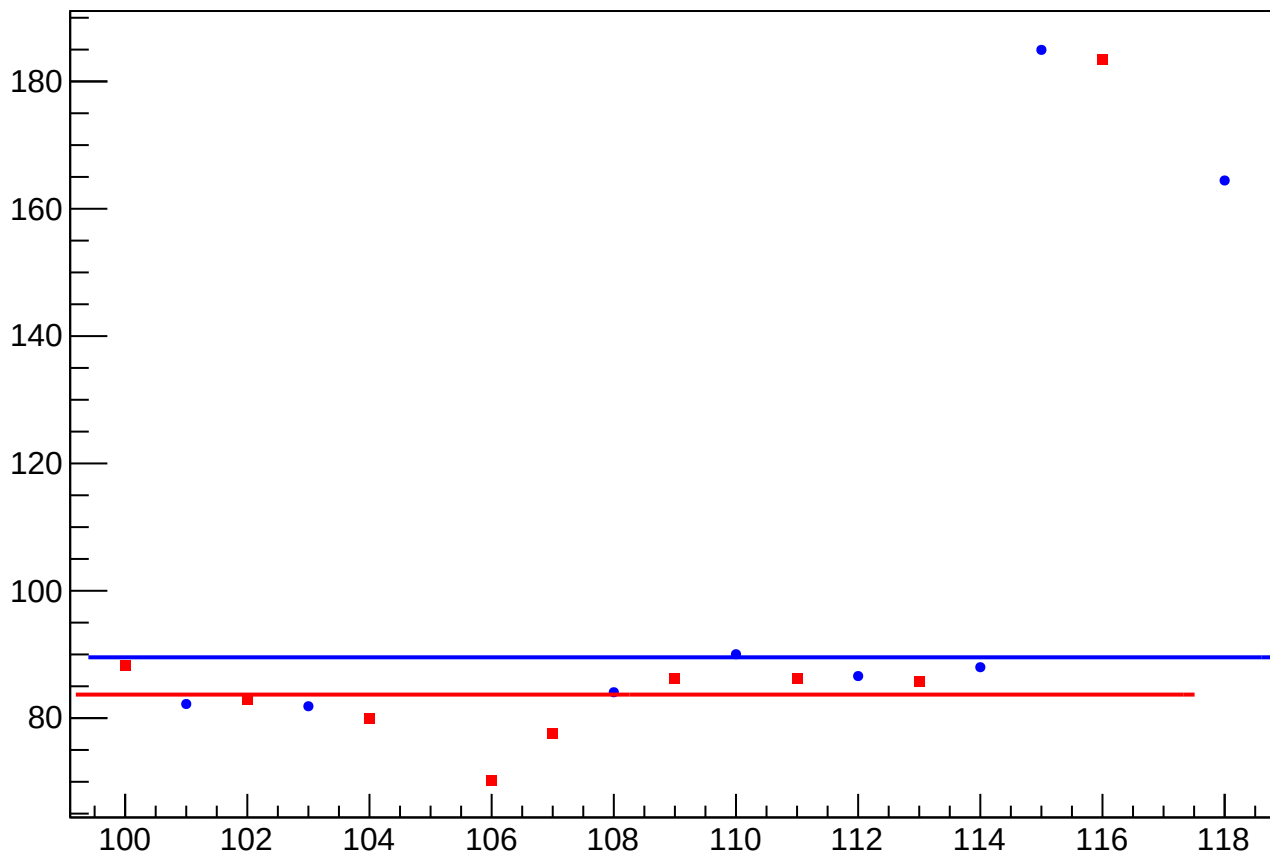
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.757+/-33.909 χ^2/NDF : 25.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_rms vs Slug



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: 83.695+/-0.032 χ^2/NDF : 178590.6/8

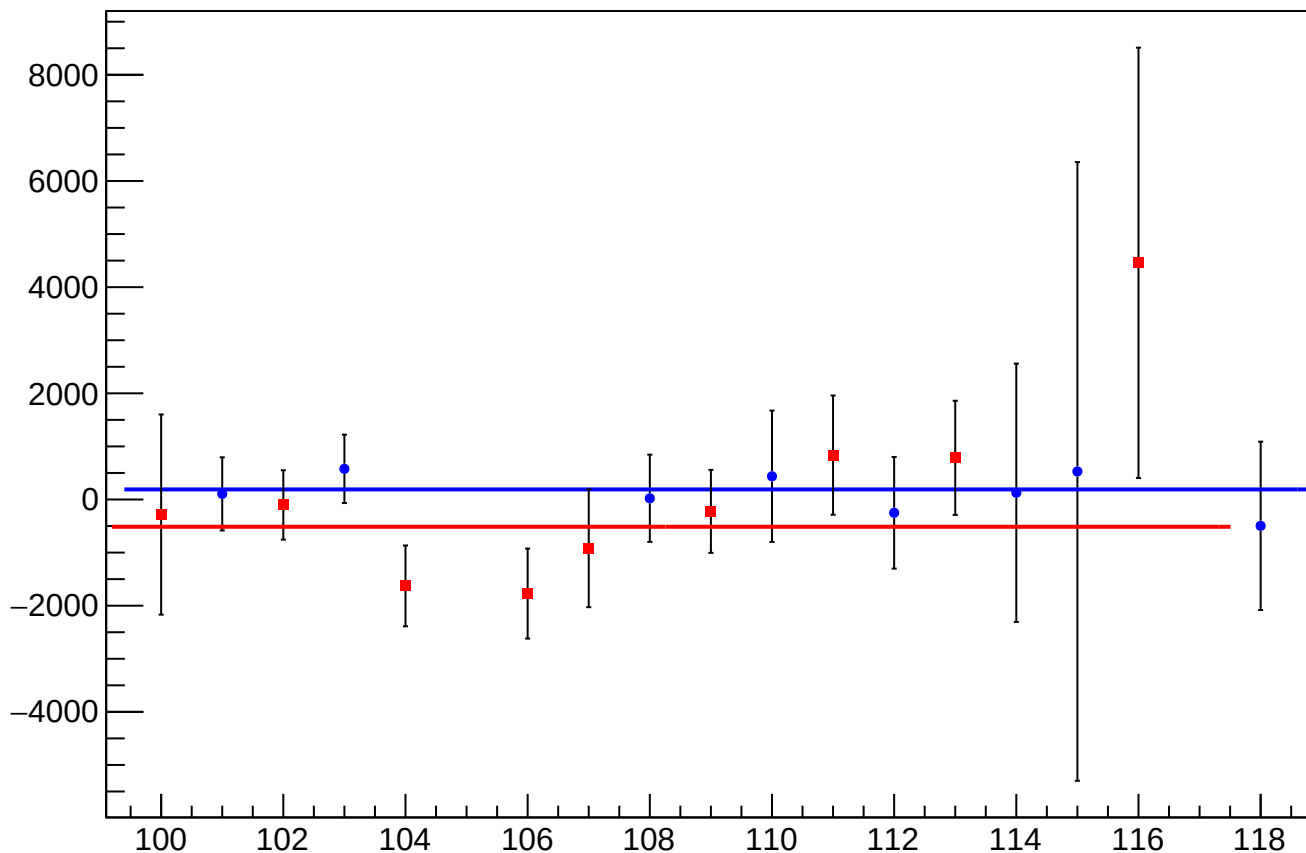
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.337+/-0.024 χ^2/NDF : 519329.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 189.945 $\pm$ 350.334 χ^2 /NDF: 0.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -513.601 $\pm$ 317.712 χ^2 /NDF: 9.4/8

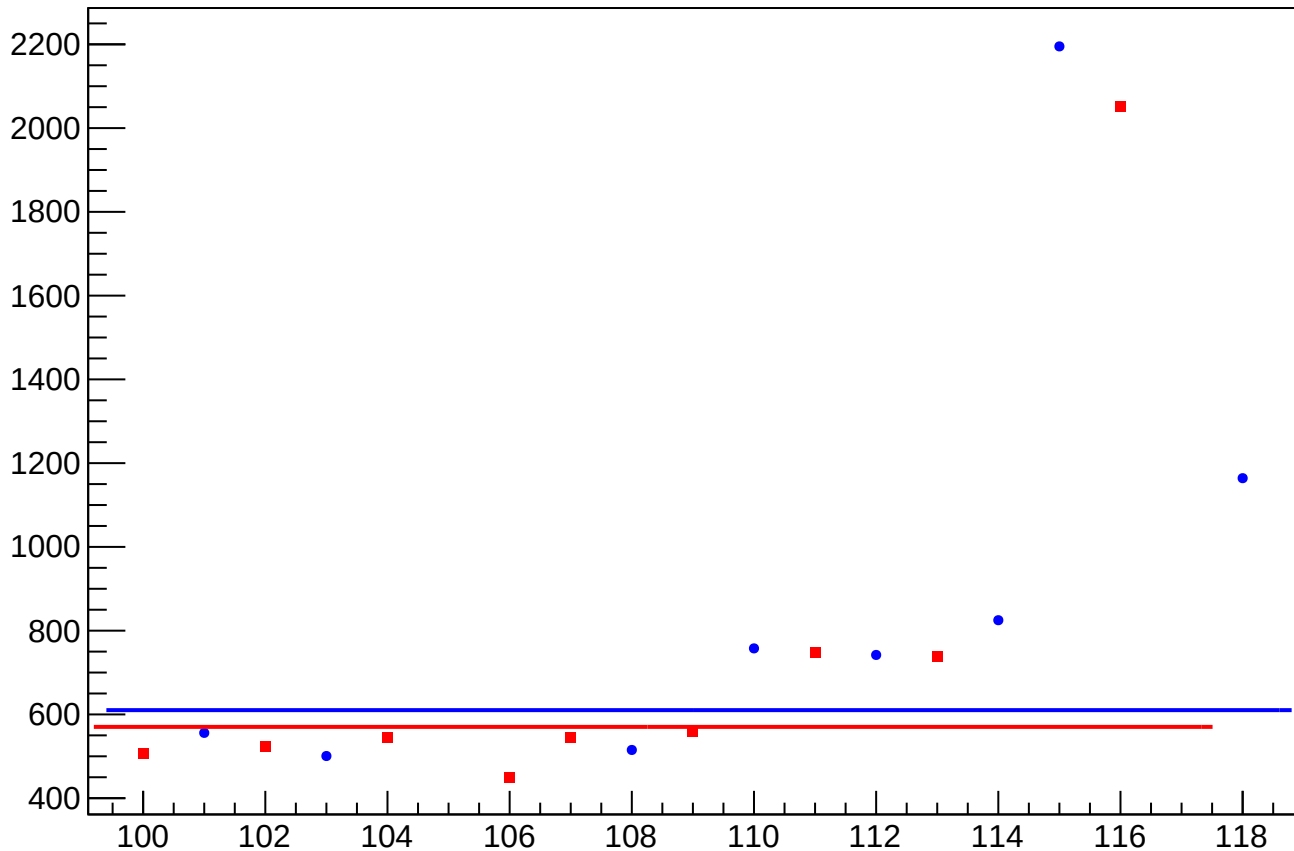
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -196.102 $\pm$ 235.346 χ^2 /NDF: 12.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 610.234 $\pm$ 0.248 χ^2 /NDF: 564382.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 570.281 $\pm$ 0.225 χ^2 /NDF: 423475.7/8

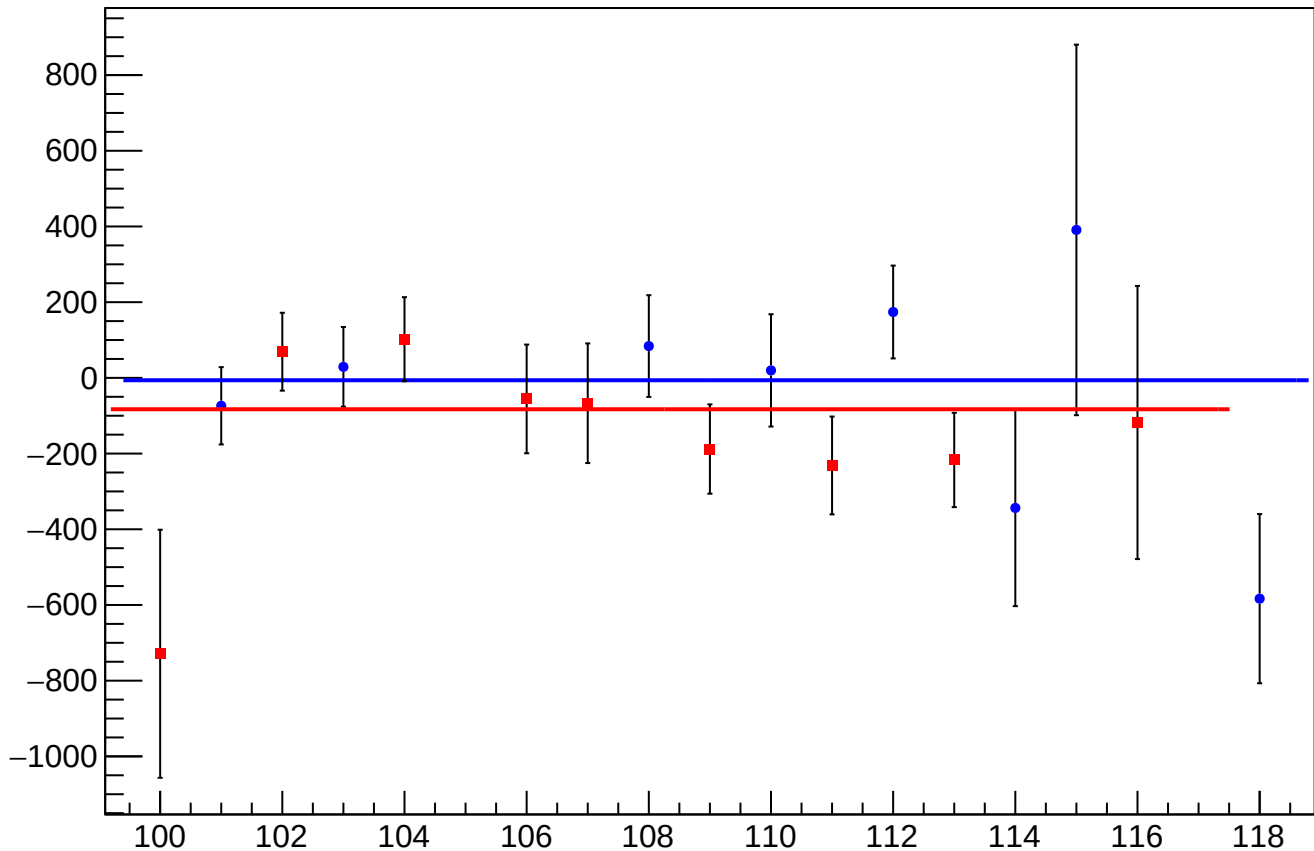
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 588.311 $\pm$ 0.166 χ^2 /NDF: 1002131.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam5_mean vs Slug



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: -82.921 ± 45.776 χ^2/NDF : 12.2/8

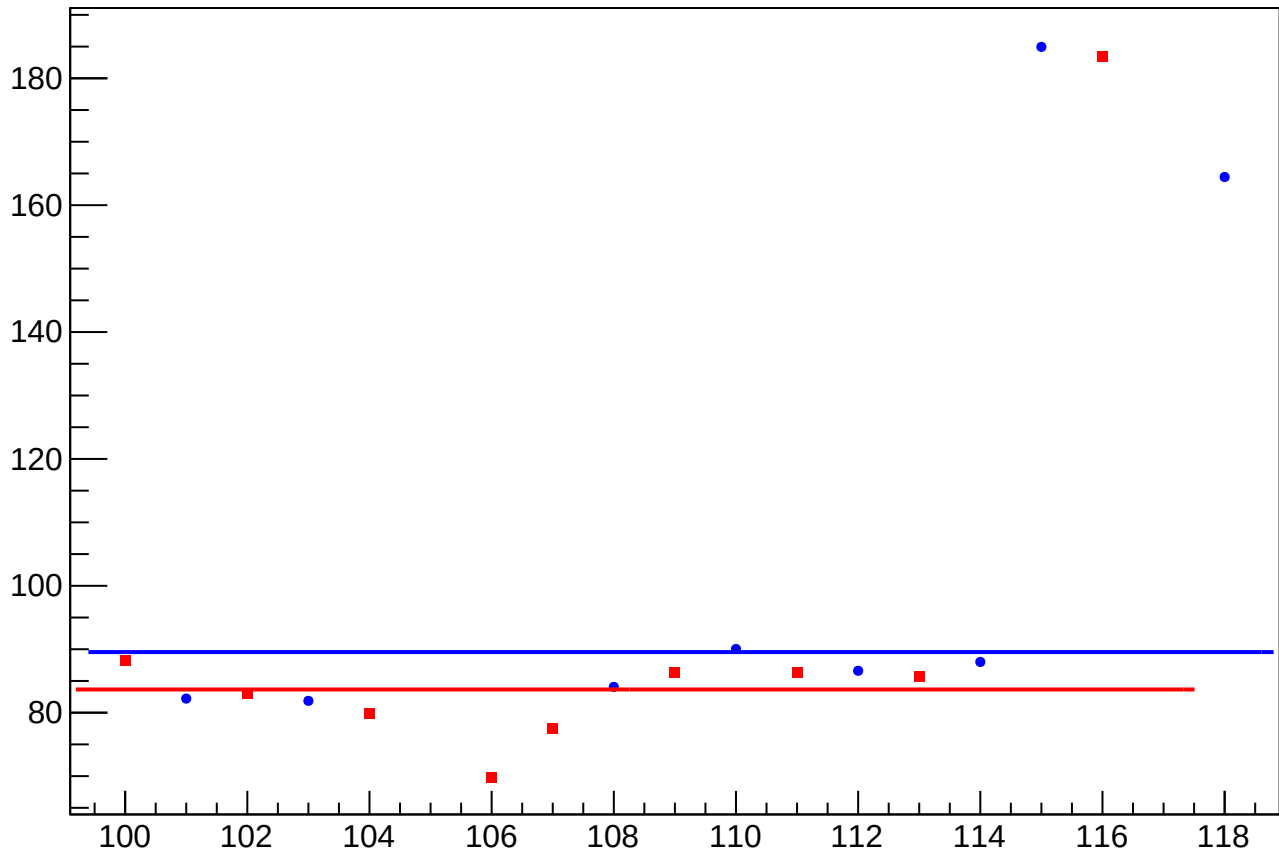
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.334 ± 33.910 χ^2/NDF : 25.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



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: 83.657 $\pm$ 0.032 χ^2 /NDF: 179676.7/8

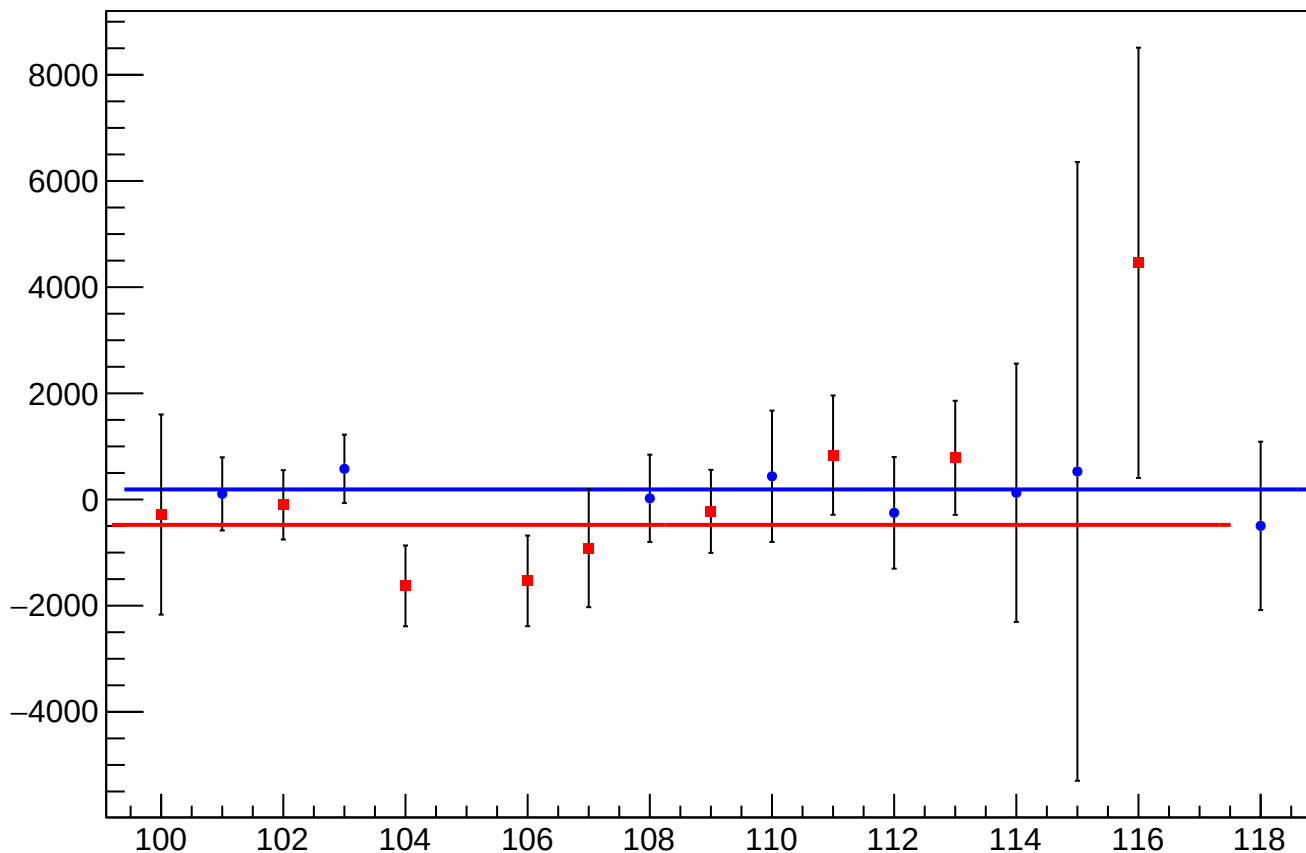
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.317 $\pm$ 0.024 χ^2 /NDF: 520607.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 189.946 $\pm$ 350.334 χ^2 /NDF: 0.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -477.708 $\pm$ 318.003 χ^2 /NDF: 8.6/8

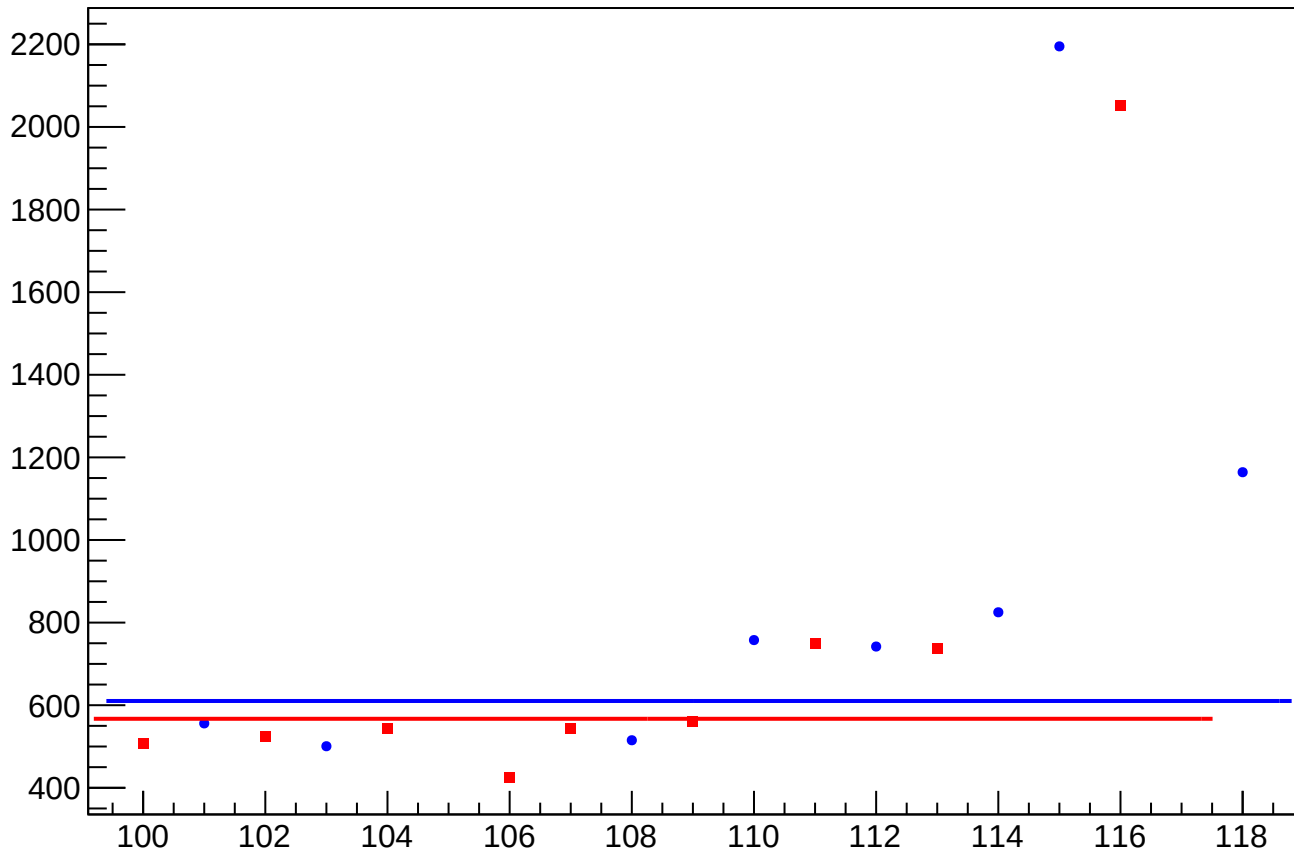
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -176.103 $\pm$ 235.465 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_rms vs Slug



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: 567.116+/-0.225 χ^2/NDF : 440612.6/8

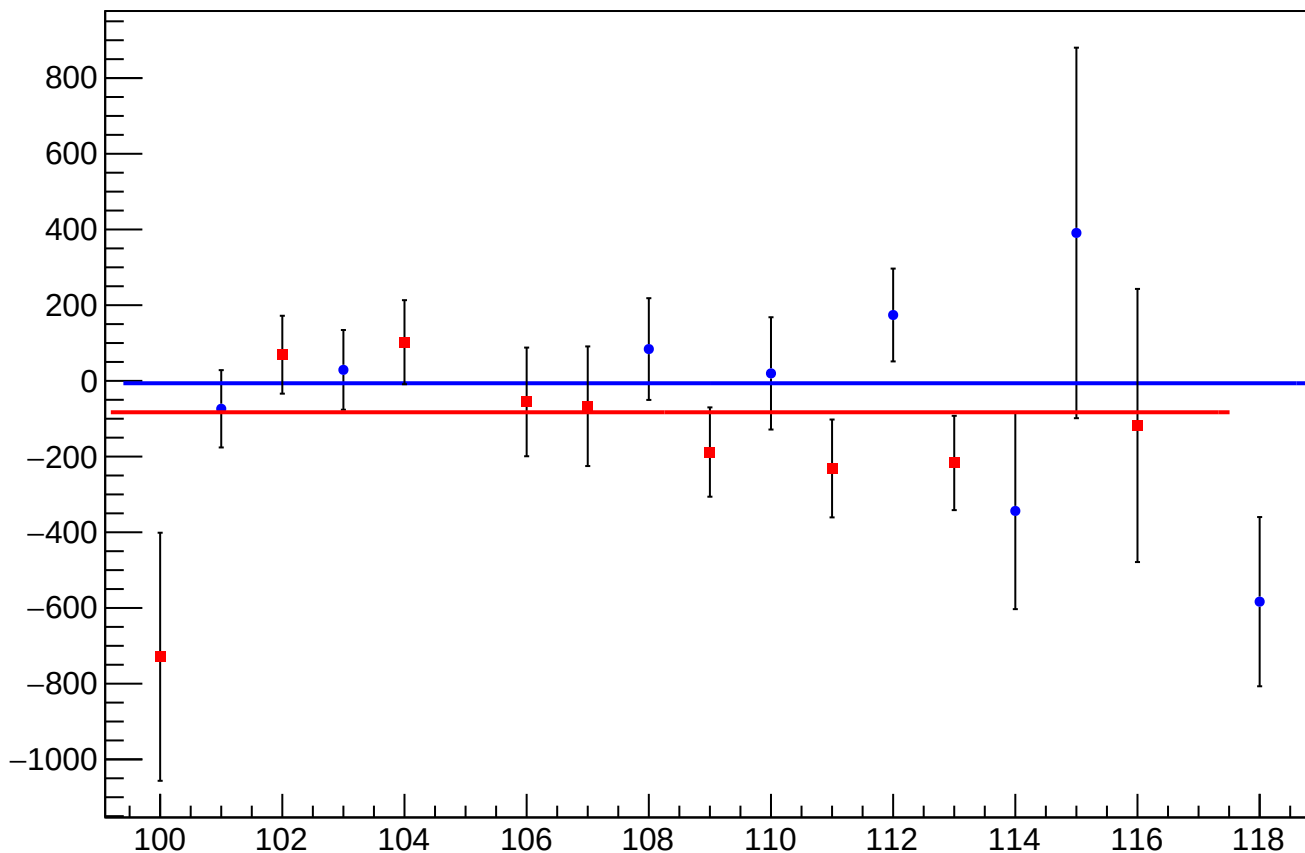
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.594+/-0.166 χ^2/NDF : 1021605.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_mean vs Slug



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: -82.921+/-45.776 χ^2/NDF : 12.2/8

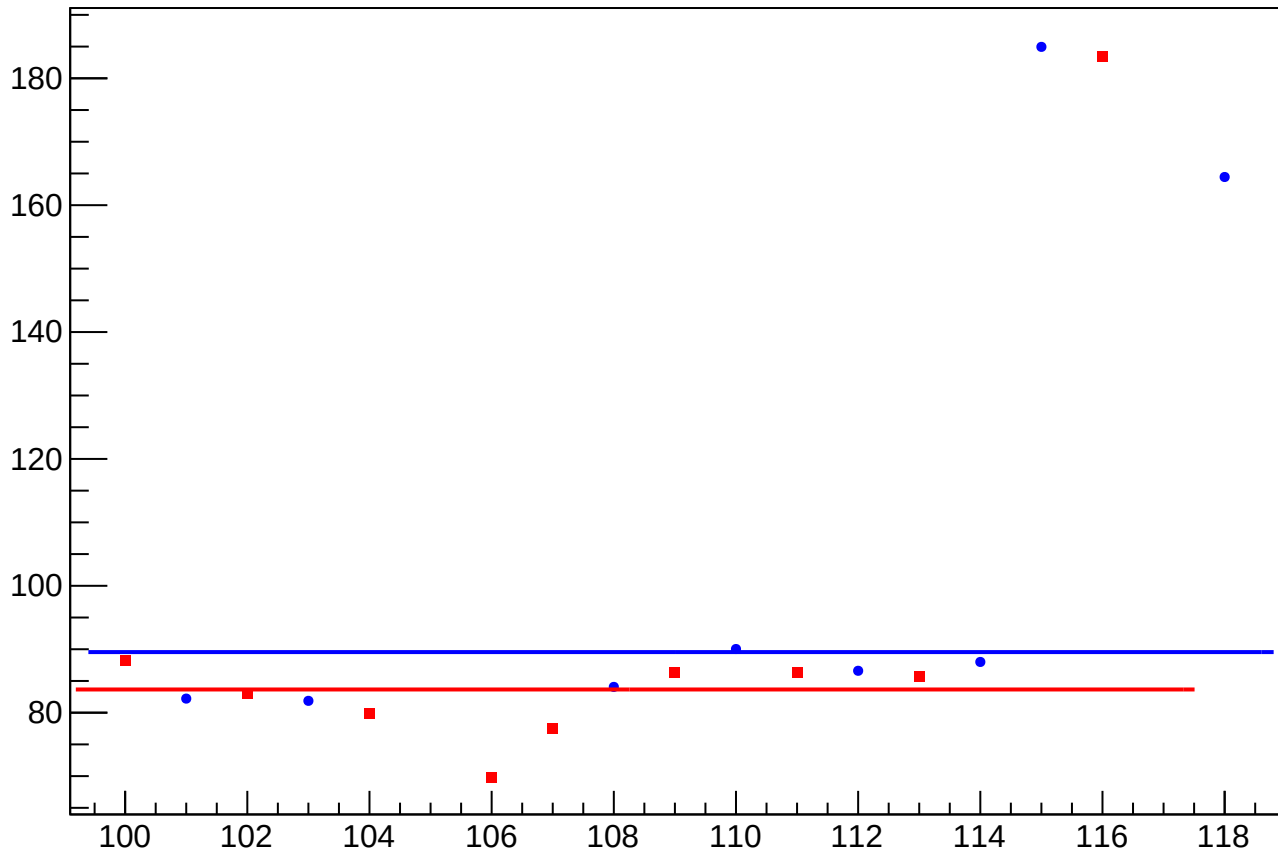
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.334+/-33.910 χ^2/NDF : 25.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_rms vs Slug



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: 83.657 $\pm$ 0.032 χ^2 /NDF: 179676.7/8

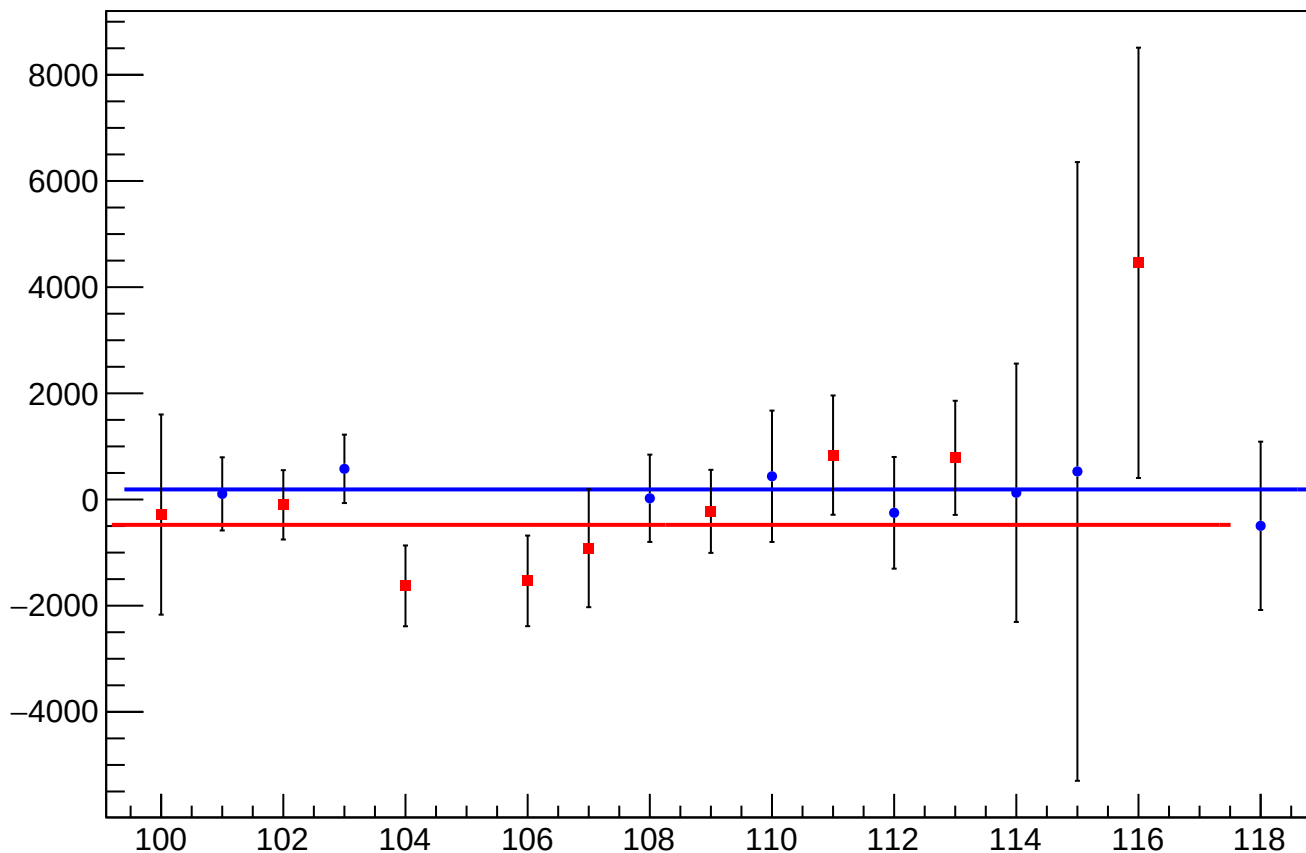
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.317 $\pm$ 0.024 χ^2 /NDF: 520607.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



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: -477.708+/-318.003 χ^2/NDF : 8.6/8

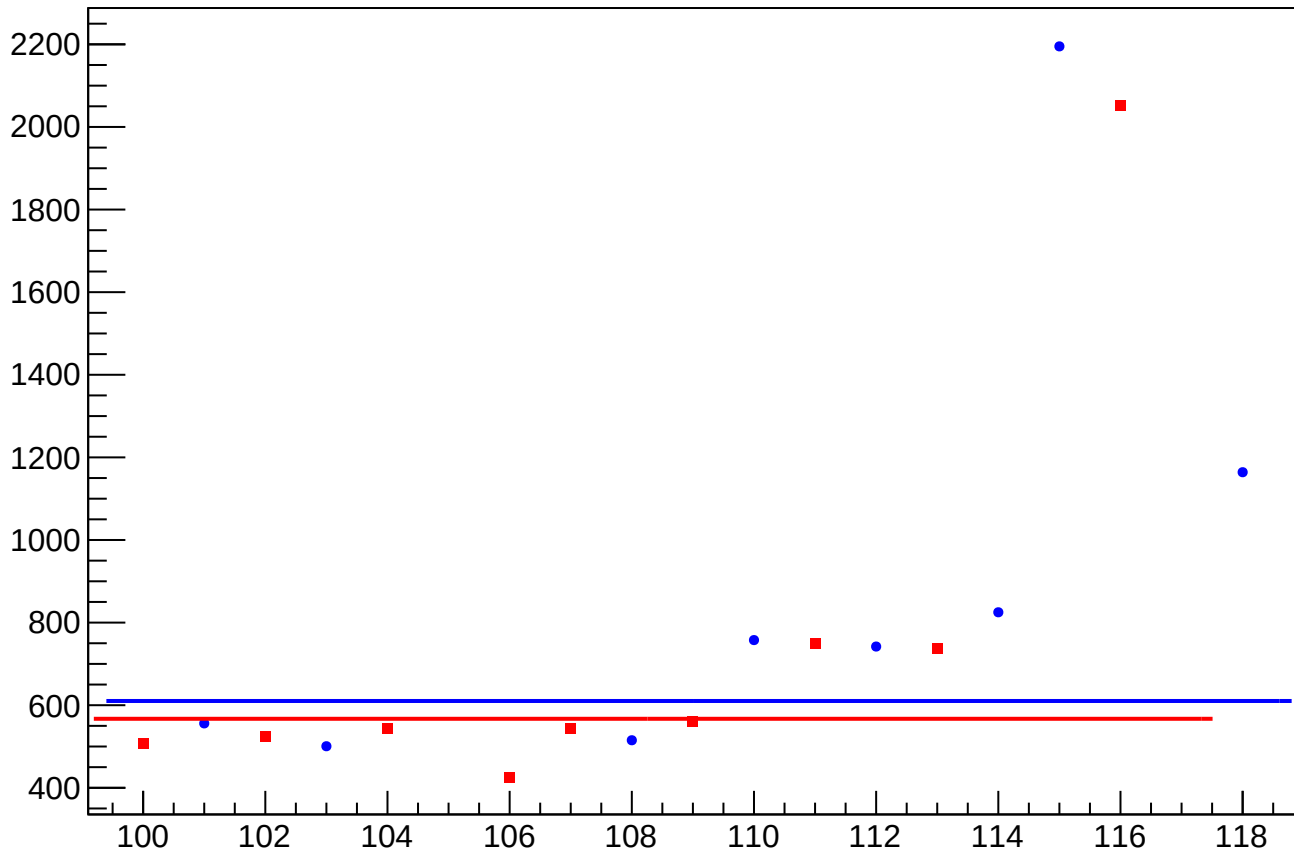
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.103+/-235.465 χ^2/NDF : 11.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



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: 567.116+/-0.225 χ^2/NDF : 440612.6/8

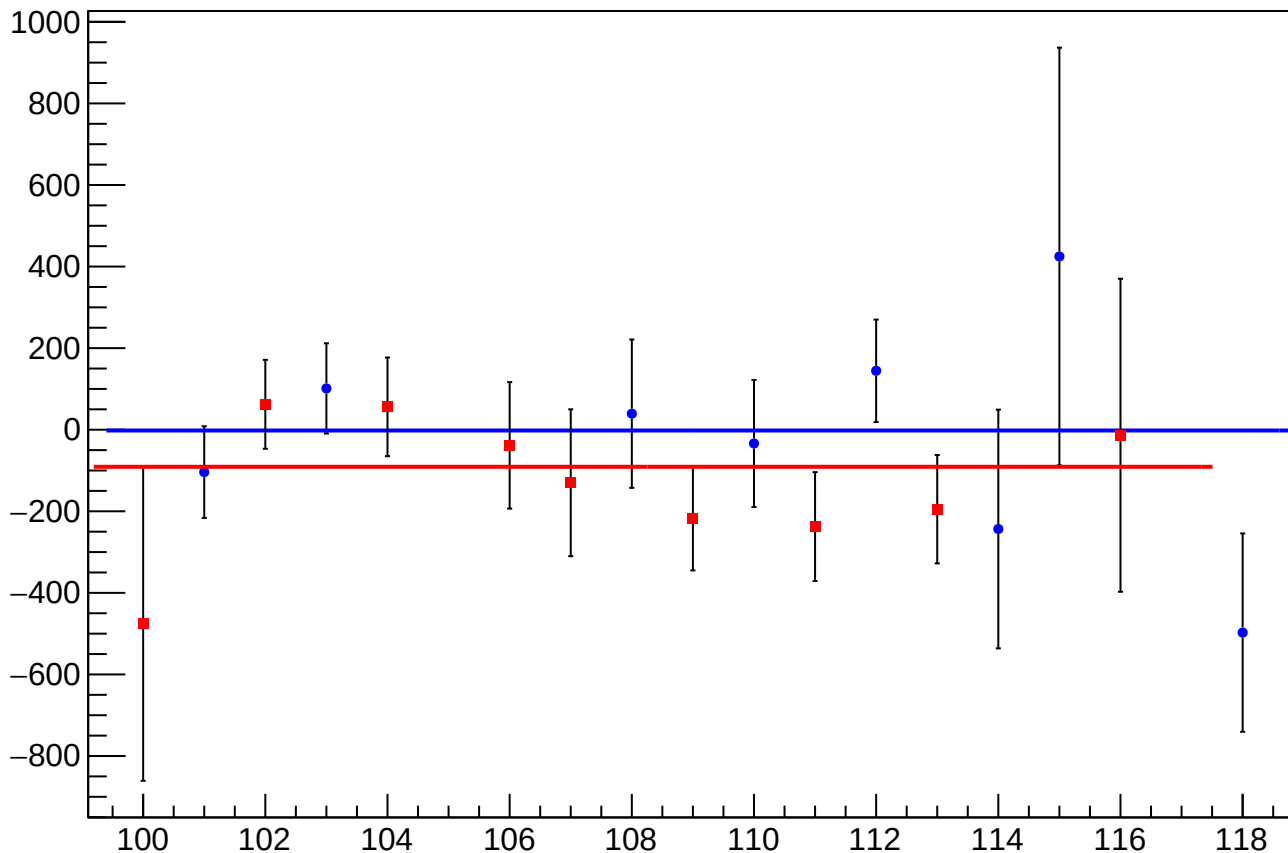
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 586.594+/-0.166 χ^2/NDF : 1021605.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_mean vs Slug



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: -90.886 ± 49.236 χ^2/NDF : 7.4/8

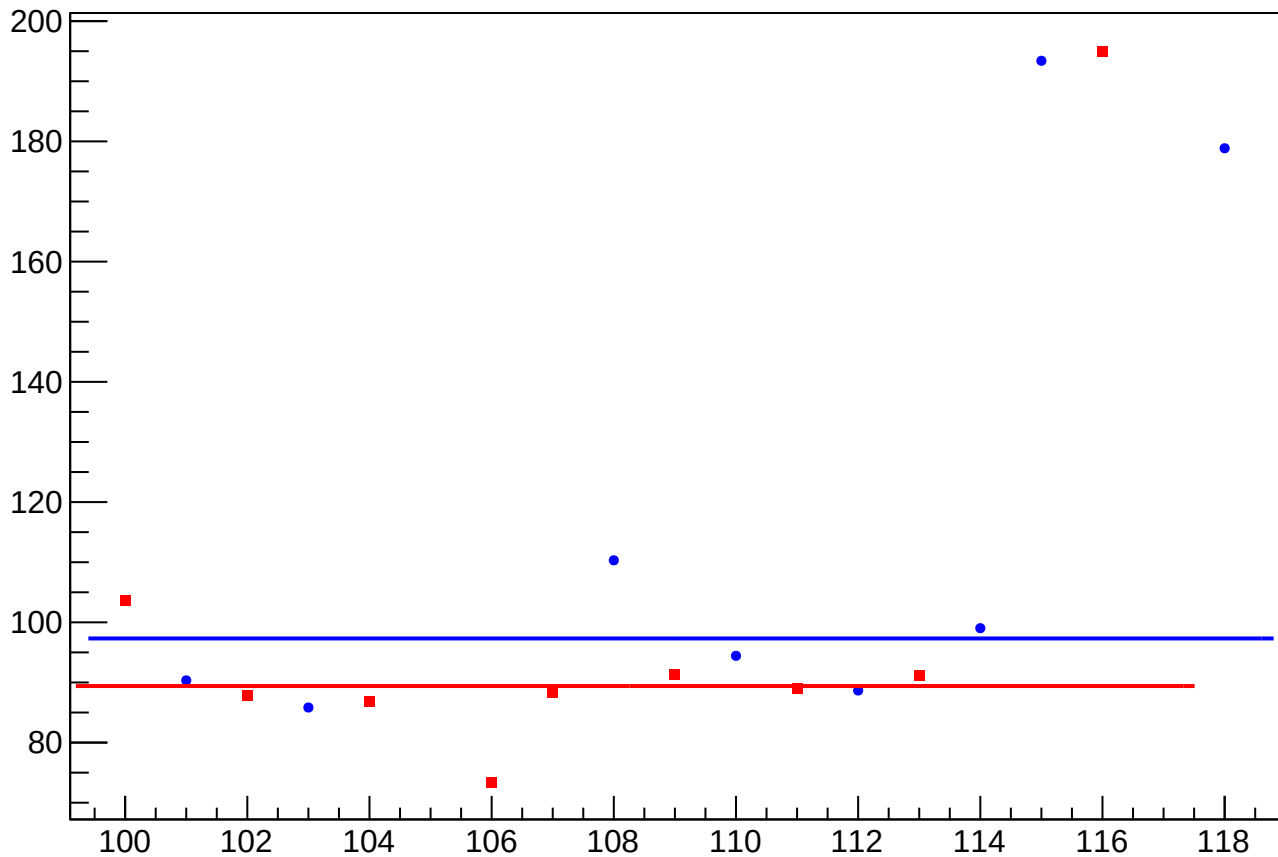
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.472 ± 36.744 χ^2/NDF : 17.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_rms vs Slug



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: 89.405+/-0.035 χ^2/NDF : 177672.4/8

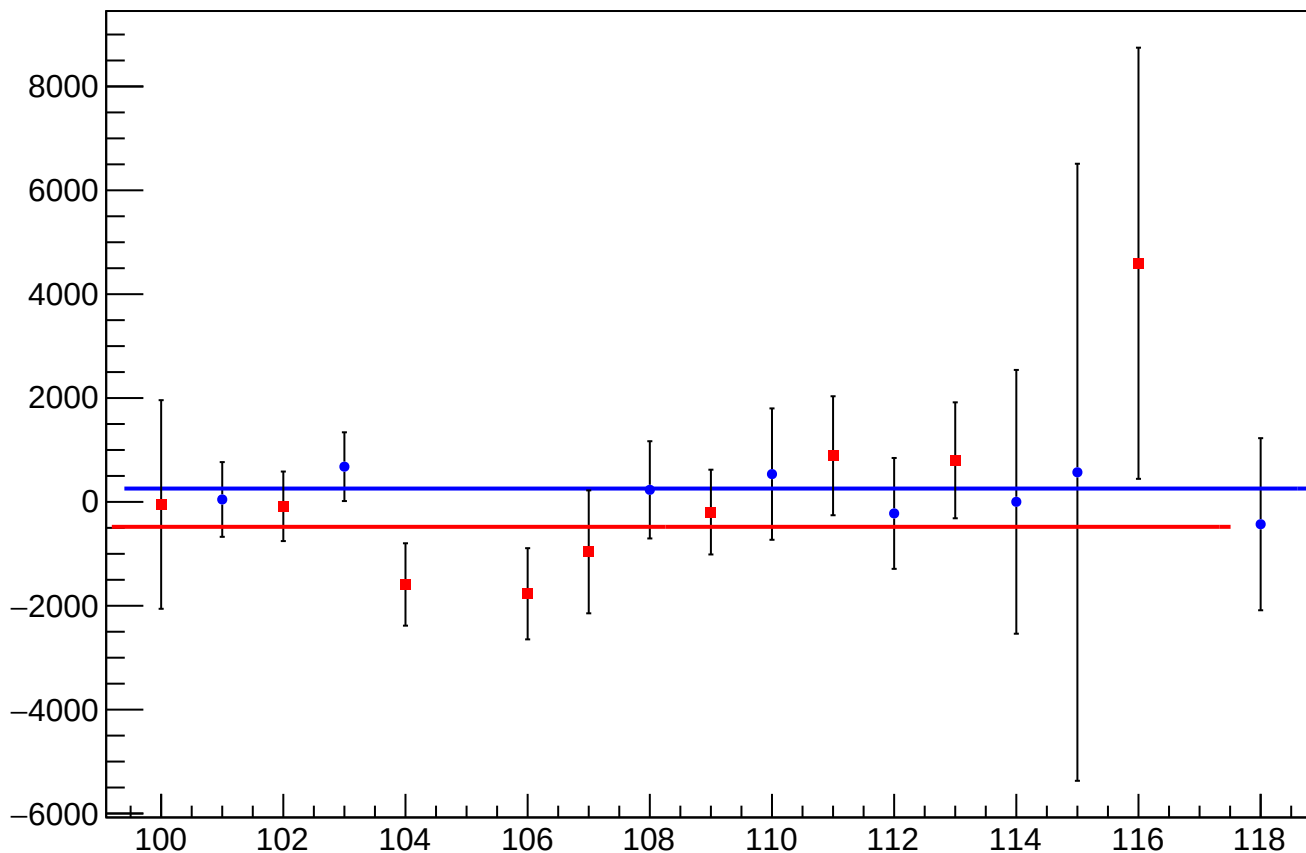
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.911+/-0.026 χ^2/NDF : 545545.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 257.122 $\pm$ 367.497 χ^2 /NDF: 0.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -479.963 $\pm$ 329.649 χ^2 /NDF: 9.0/8

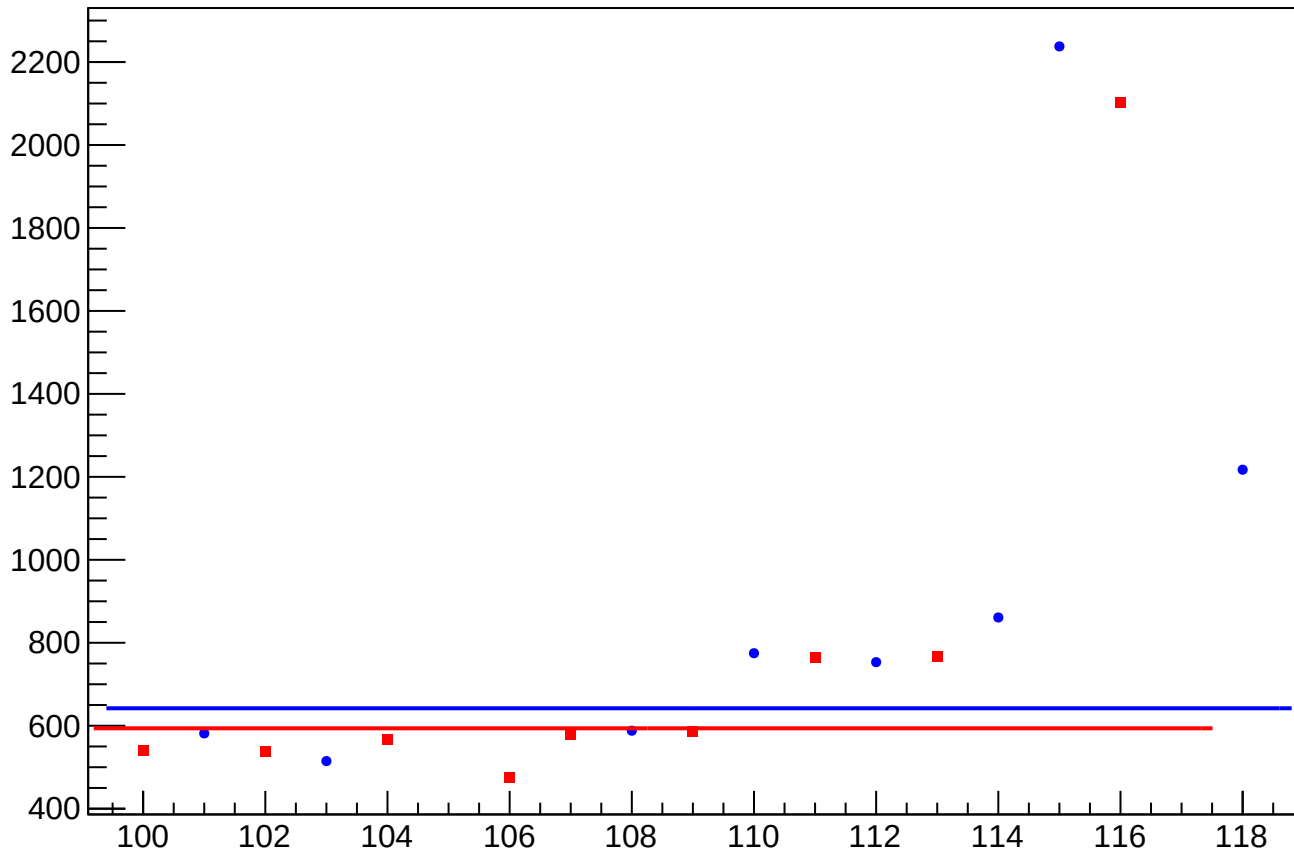
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -151.319 $\pm$ 245.391 χ^2 /NDF: 12.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 642.065 $\pm$ 0.260 χ^2 /NDF: 538627.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 593.758 $\pm$ 0.233 χ^2 /NDF: 411676.1/8

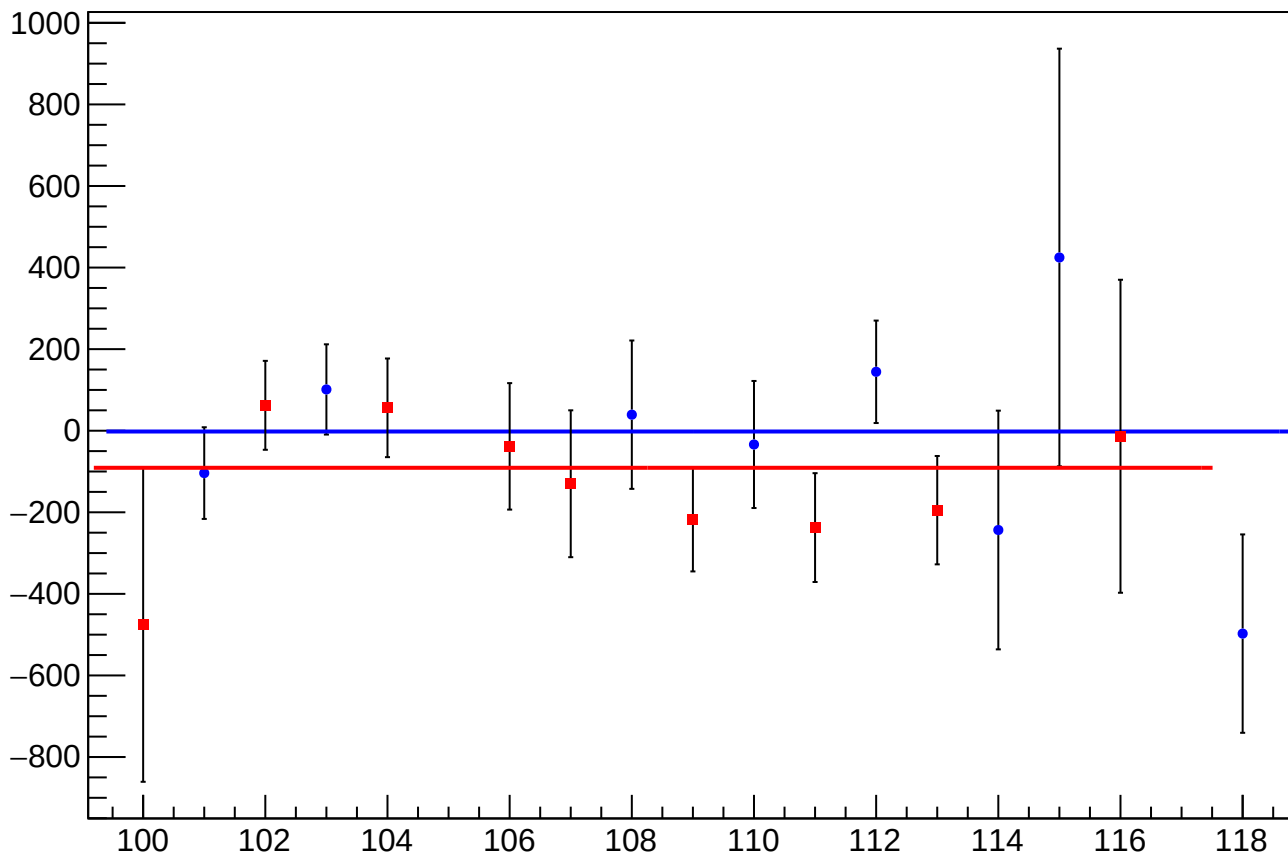
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.297 $\pm$ 0.174 χ^2 /NDF: 969452.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam5_mean vs Slug



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: -90.887 ± 49.236 χ^2/NDF : 7.4/8

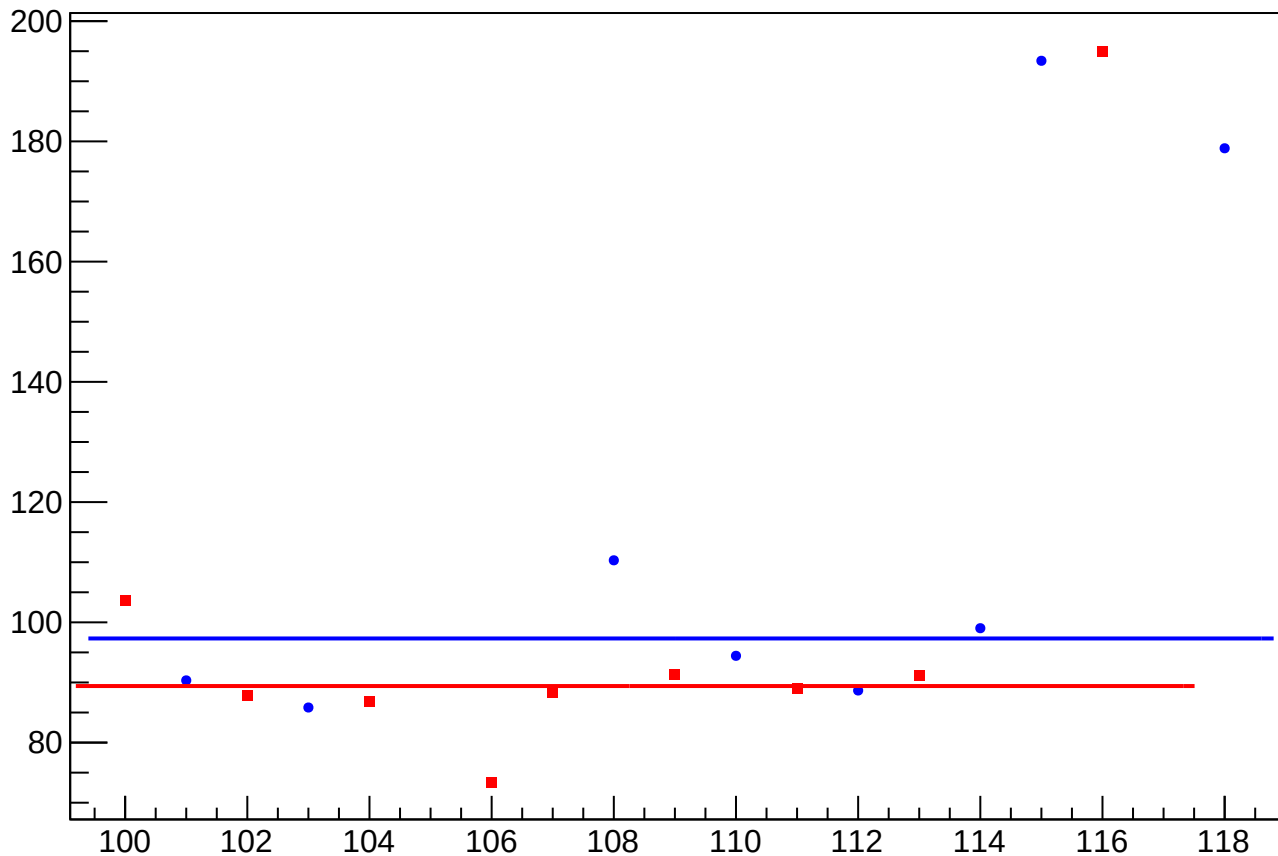
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.473 ± 36.744 χ^2/NDF : 17.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_rms vs Slug



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: 89.405+/-0.035 χ^2/NDF : 177673.0/8

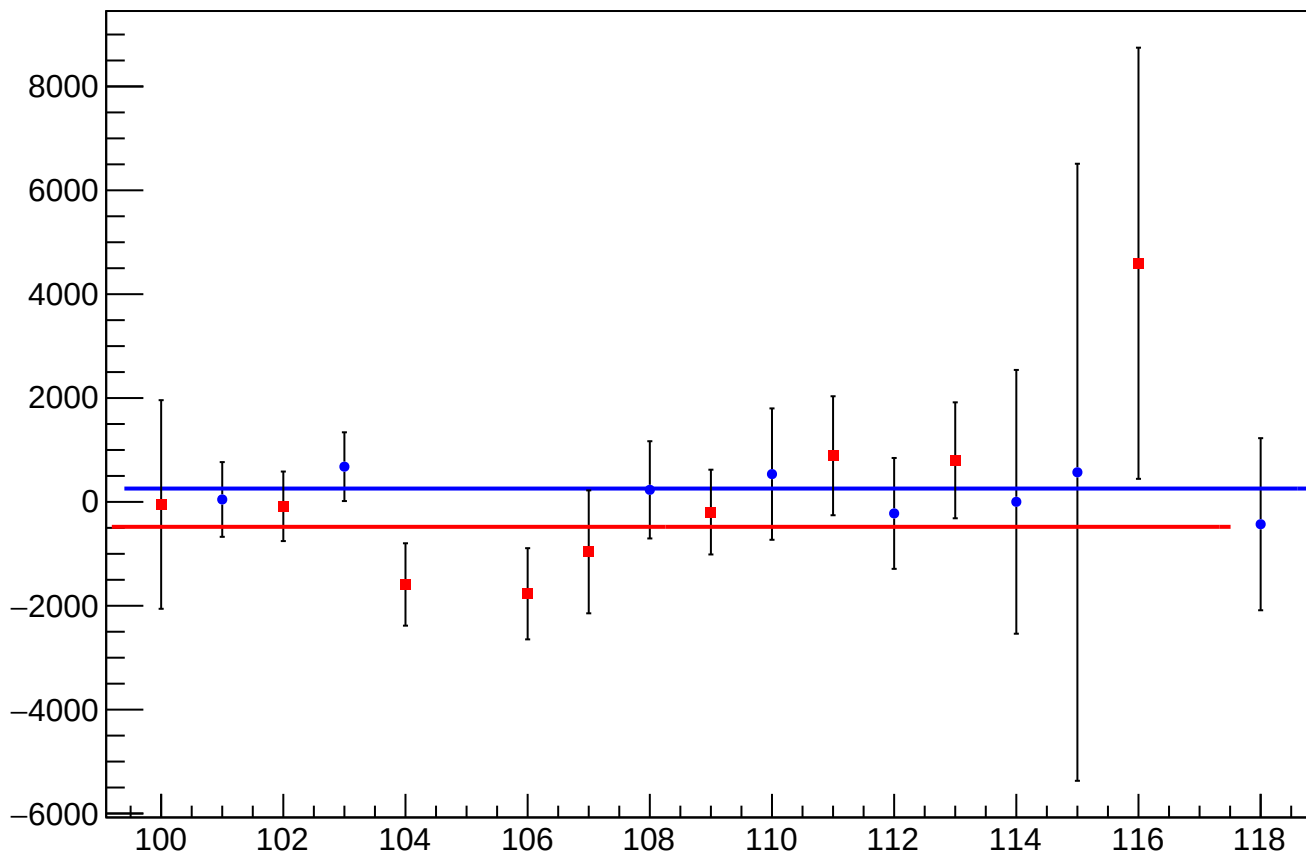
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.911+/-0.026 χ^2/NDF : 545545.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 257.121 $\pm$ 367.496 χ^2 /NDF: 0.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -479.963 $\pm$ 329.649 χ^2 /NDF: 9.0/8

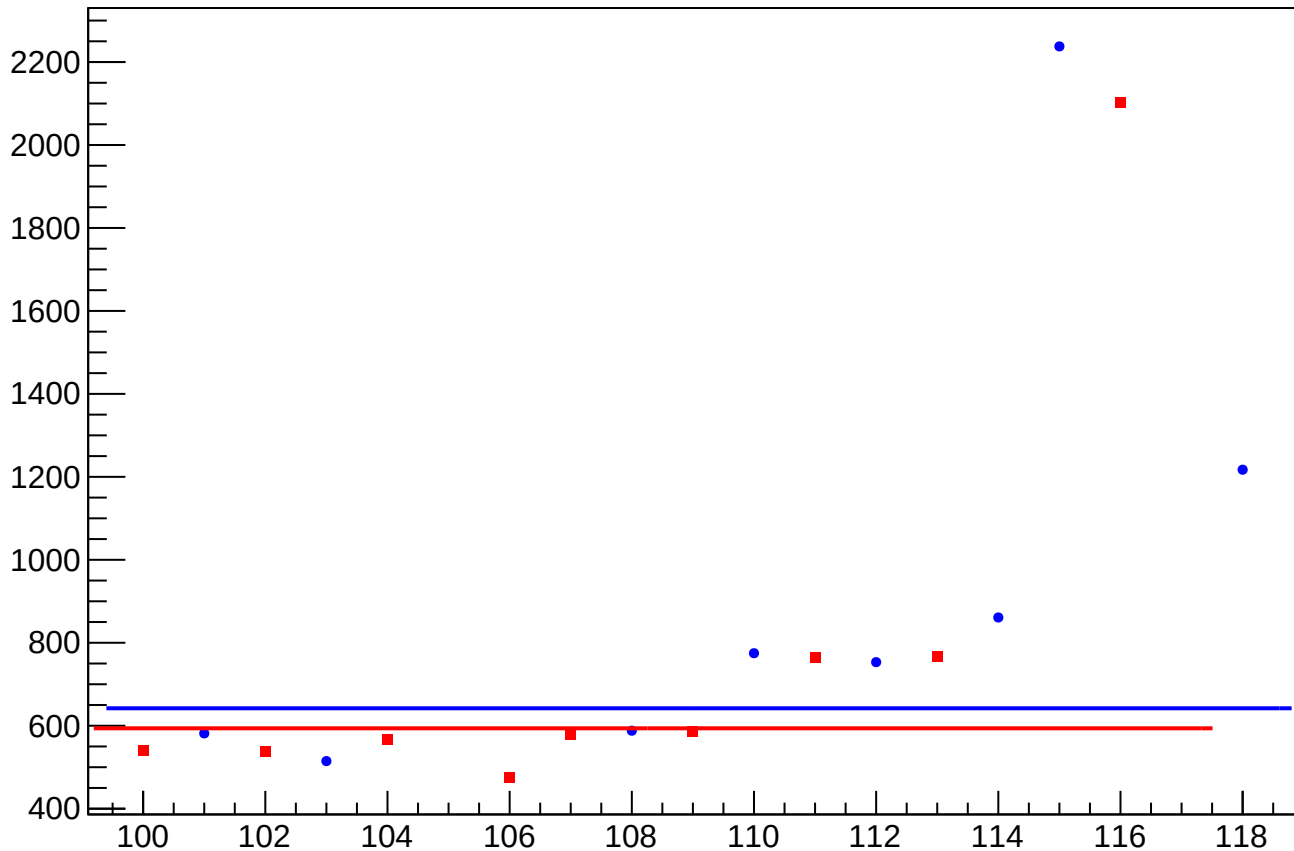
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -151.319 $\pm$ 245.390 χ^2 /NDF: 12.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



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: 593.758 $\pm$ 0.233 χ^2 /NDF: 411676.1/8

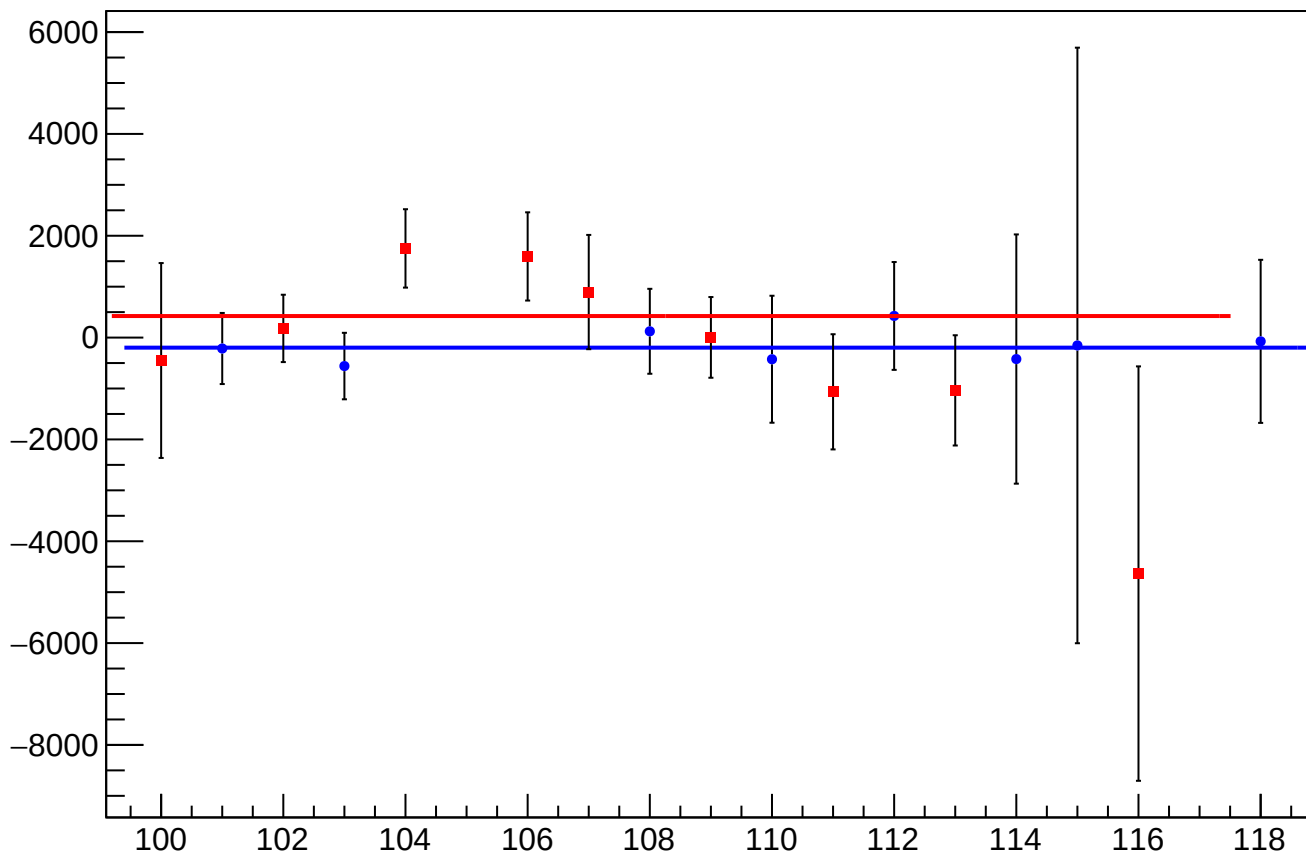
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.296 $\pm$ 0.174 χ^2 /NDF: 969451.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_mean vs Slug



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: 423.082+/-321.734 χ^2/NDF : 10.7/8

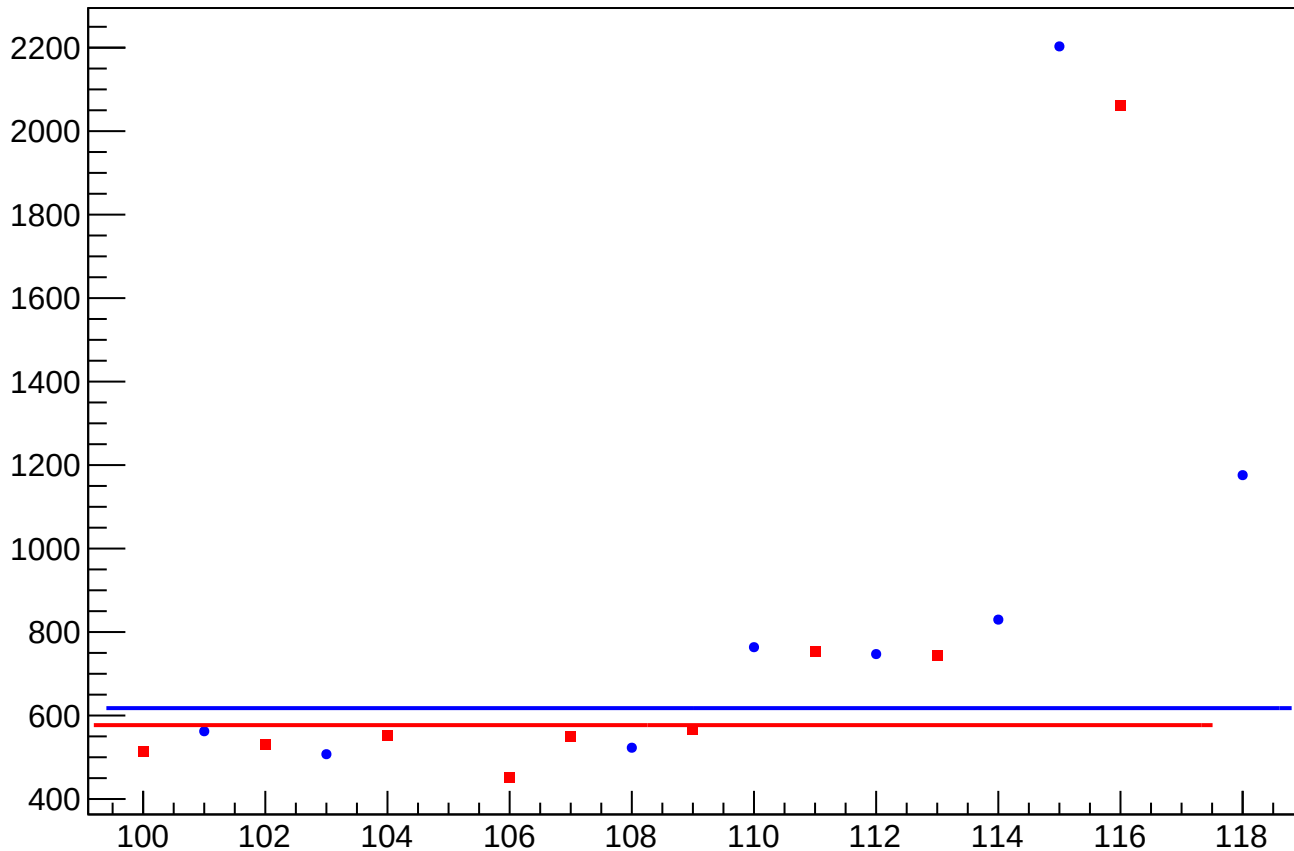
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.769+/-238.253 χ^2/NDF : 13.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 617.710 $\pm$ 0.251 χ^2 /NDF: 557877.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 576.982 $\pm$ 0.227 χ^2 /NDF: 419851.4/8

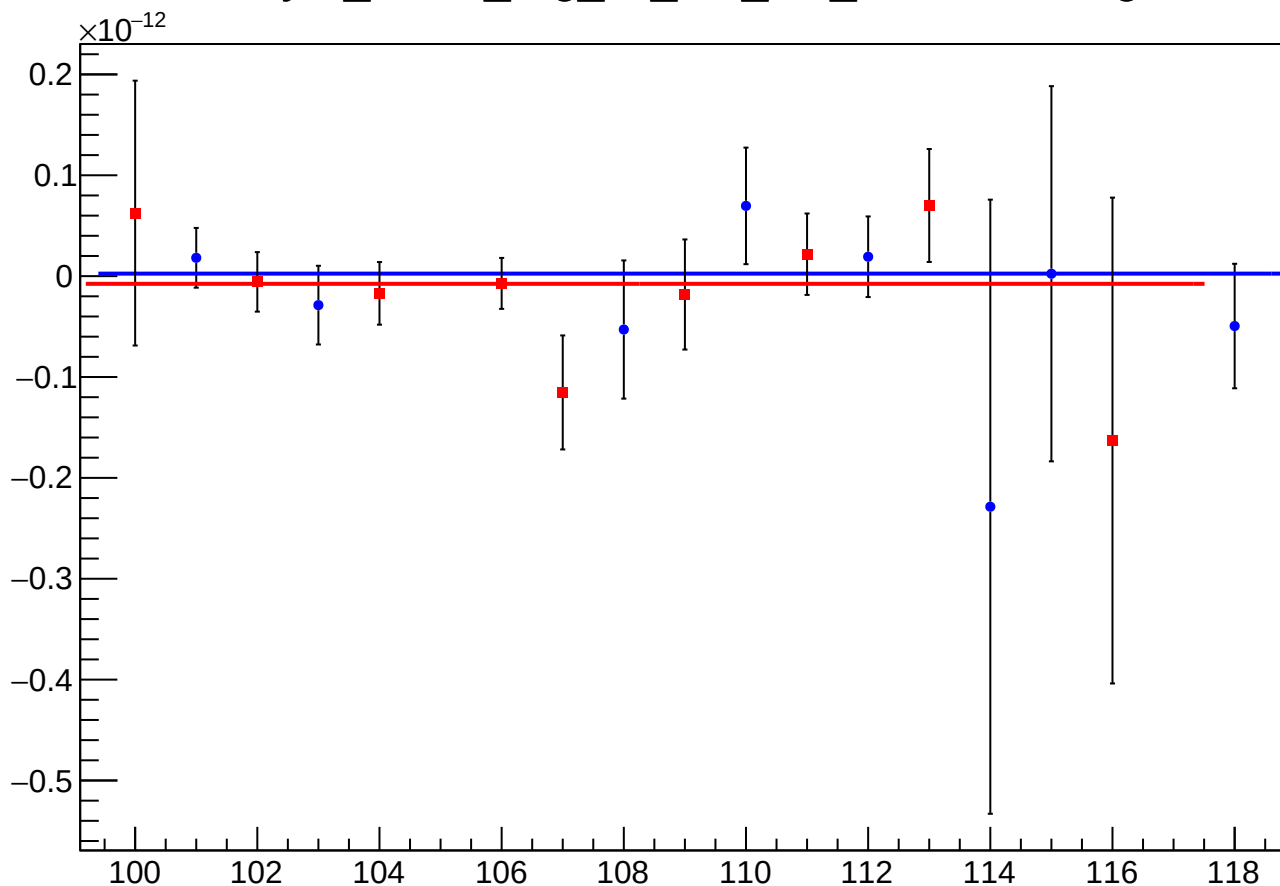
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 595.376 $\pm$ 0.168 χ^2 /NDF: 992203.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 6.9/8

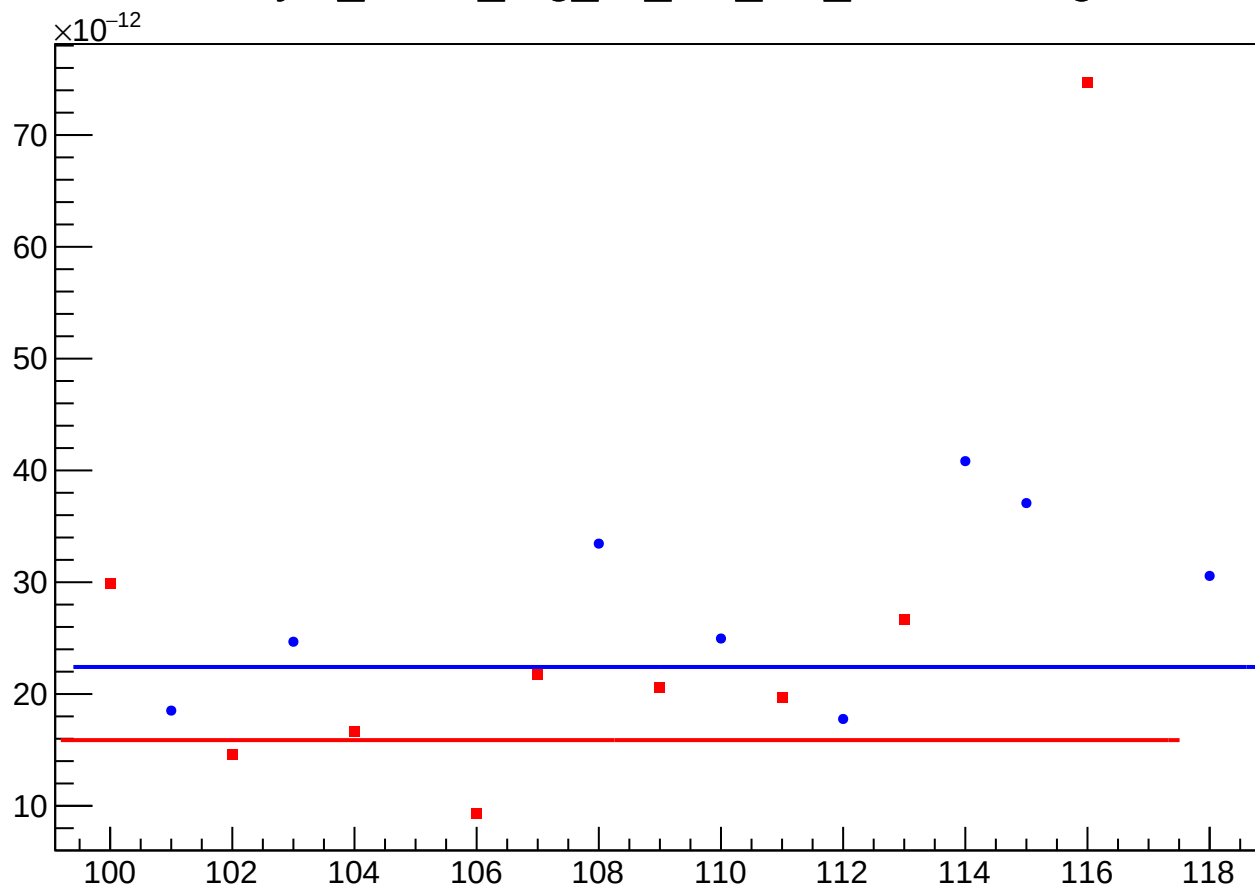
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_vs_cor_diff_rms vs Slug



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 : 411116.1/8

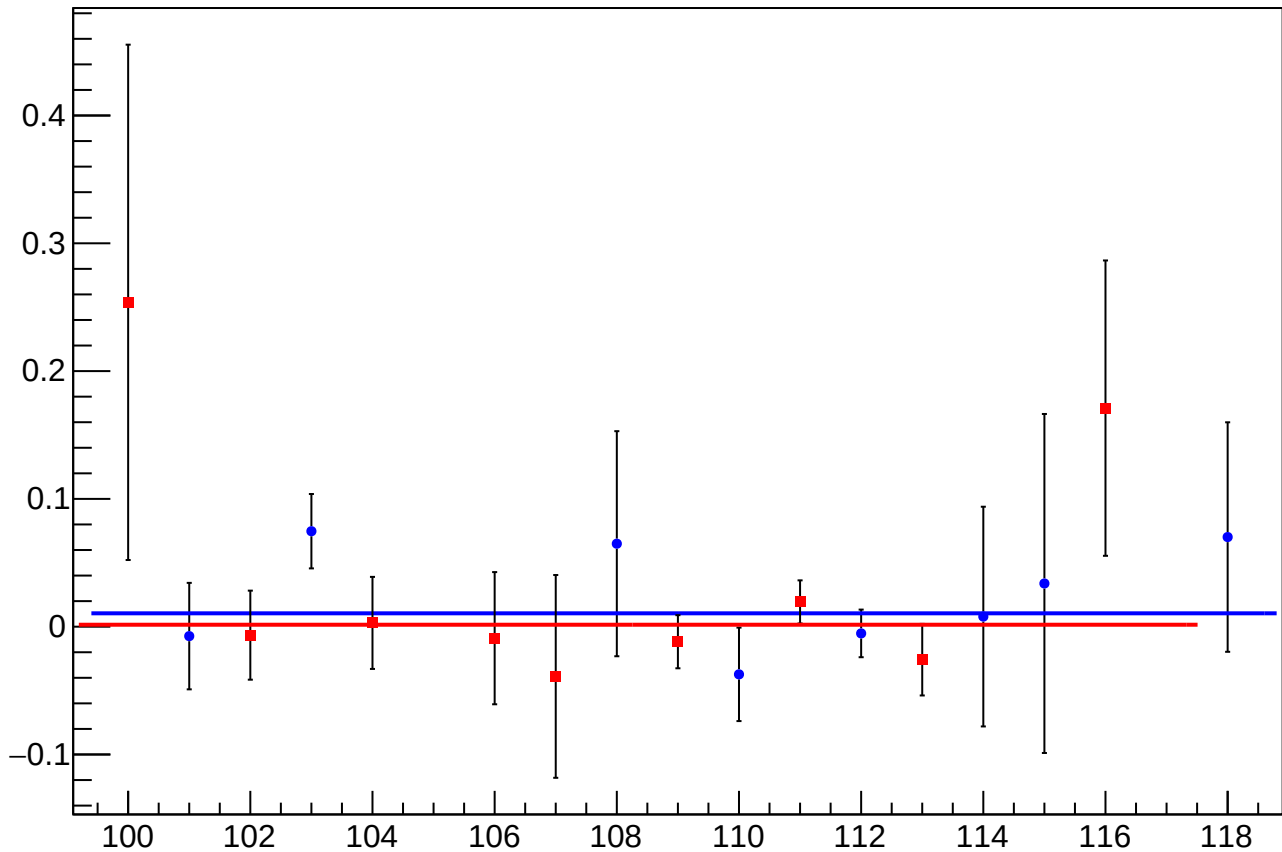
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 763302.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



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: 0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

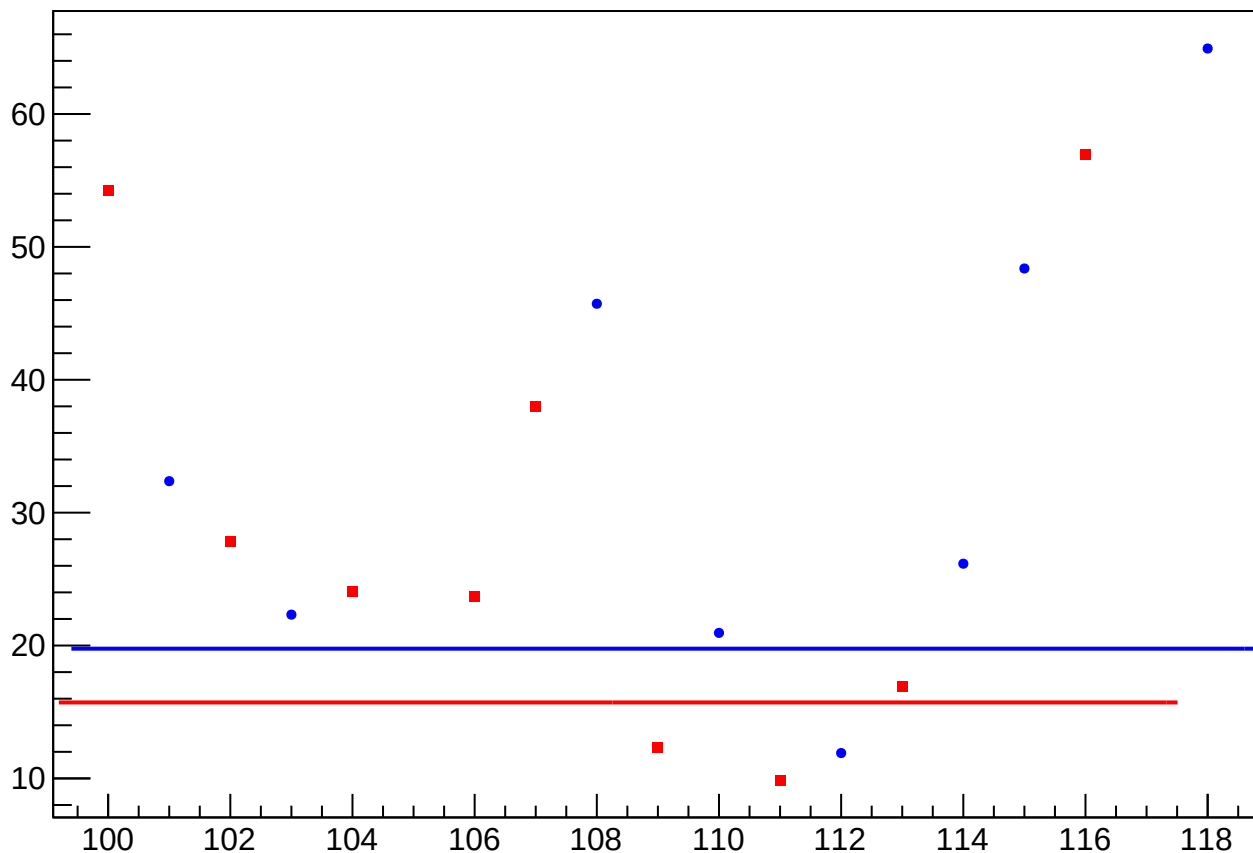
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



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: 15.718+/-0.007 χ^2/NDF : 1181859.9/8

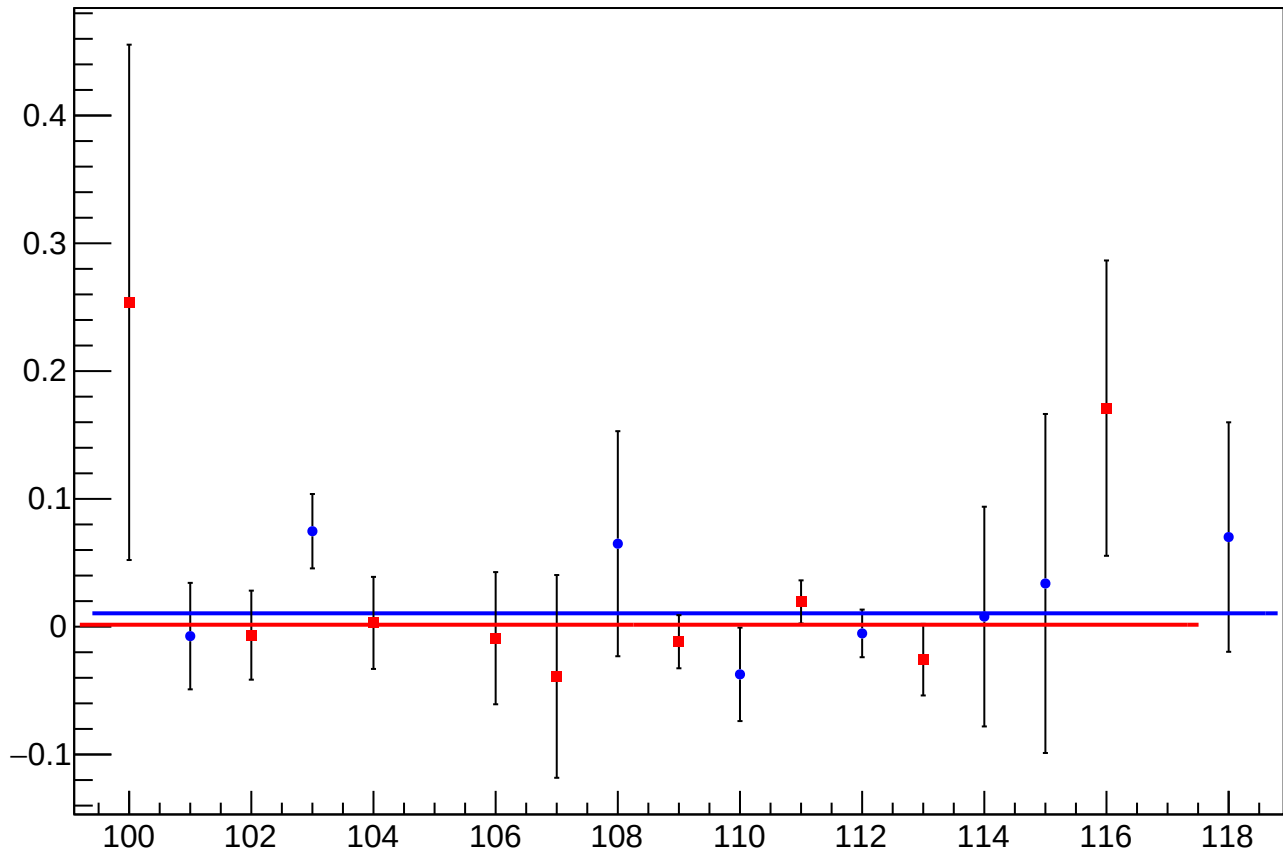
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.274+/-0.006 χ^2/NDF : 2639306.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

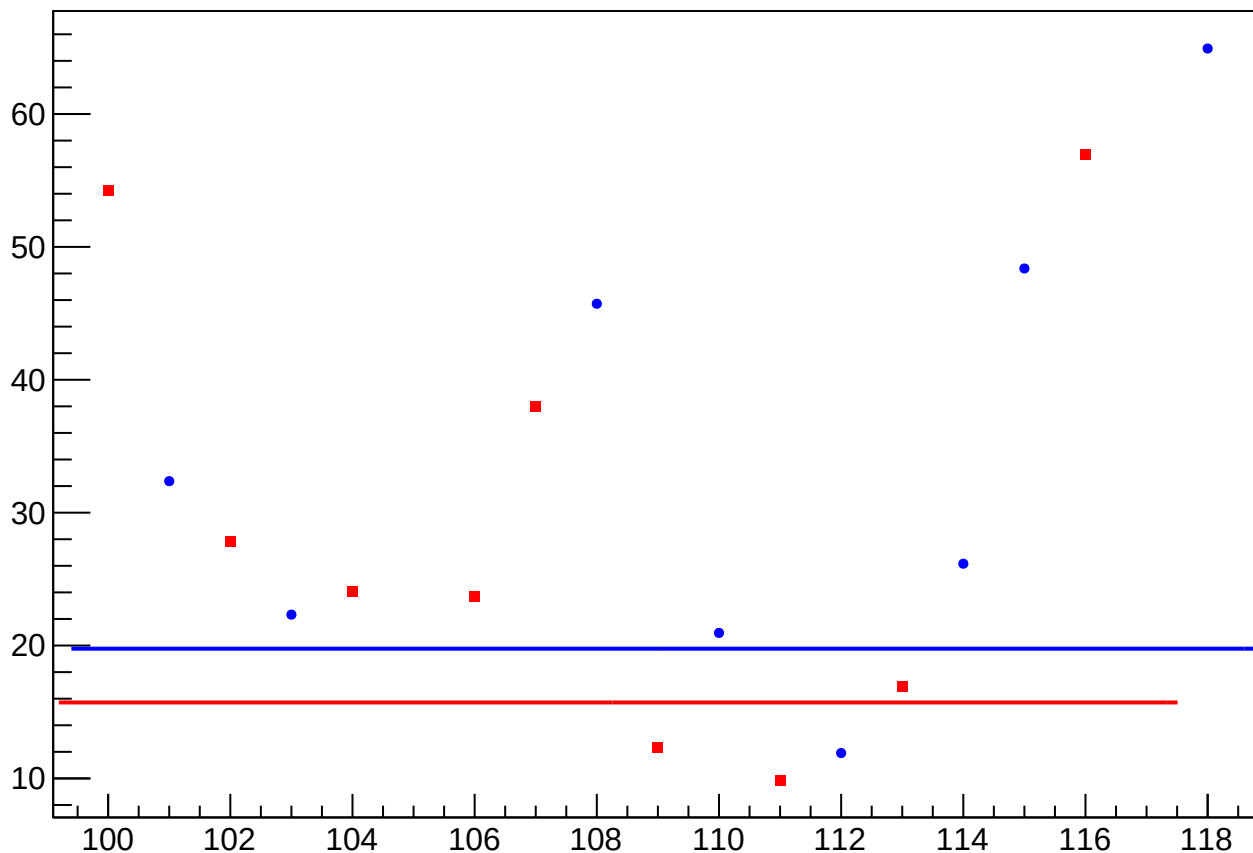
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



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: 15.718+/-0.007 χ^2/NDF : 1181859.9/8

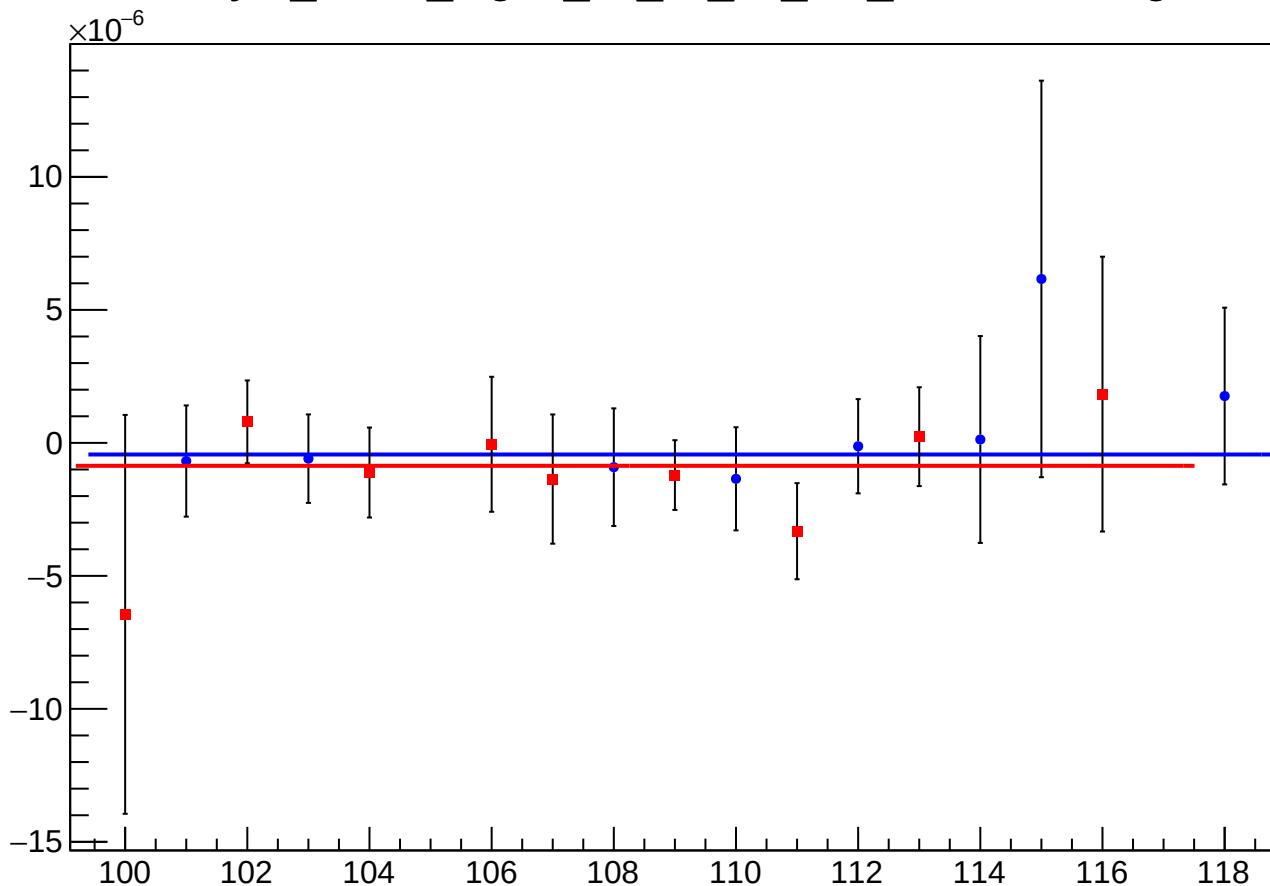
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.274+/-0.006 χ^2/NDF : 2639306.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug



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 : 4.4/8

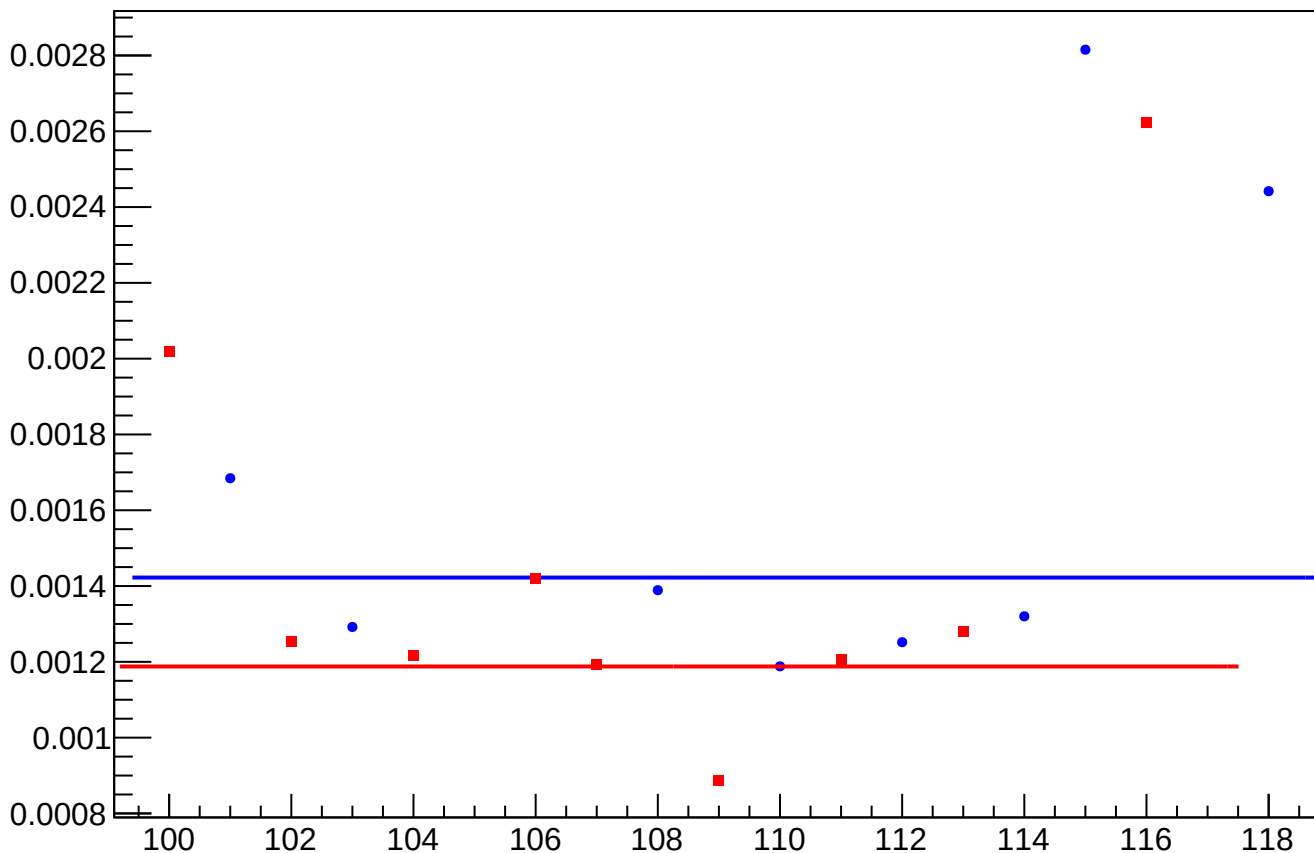
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug



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 : 310144.6/8

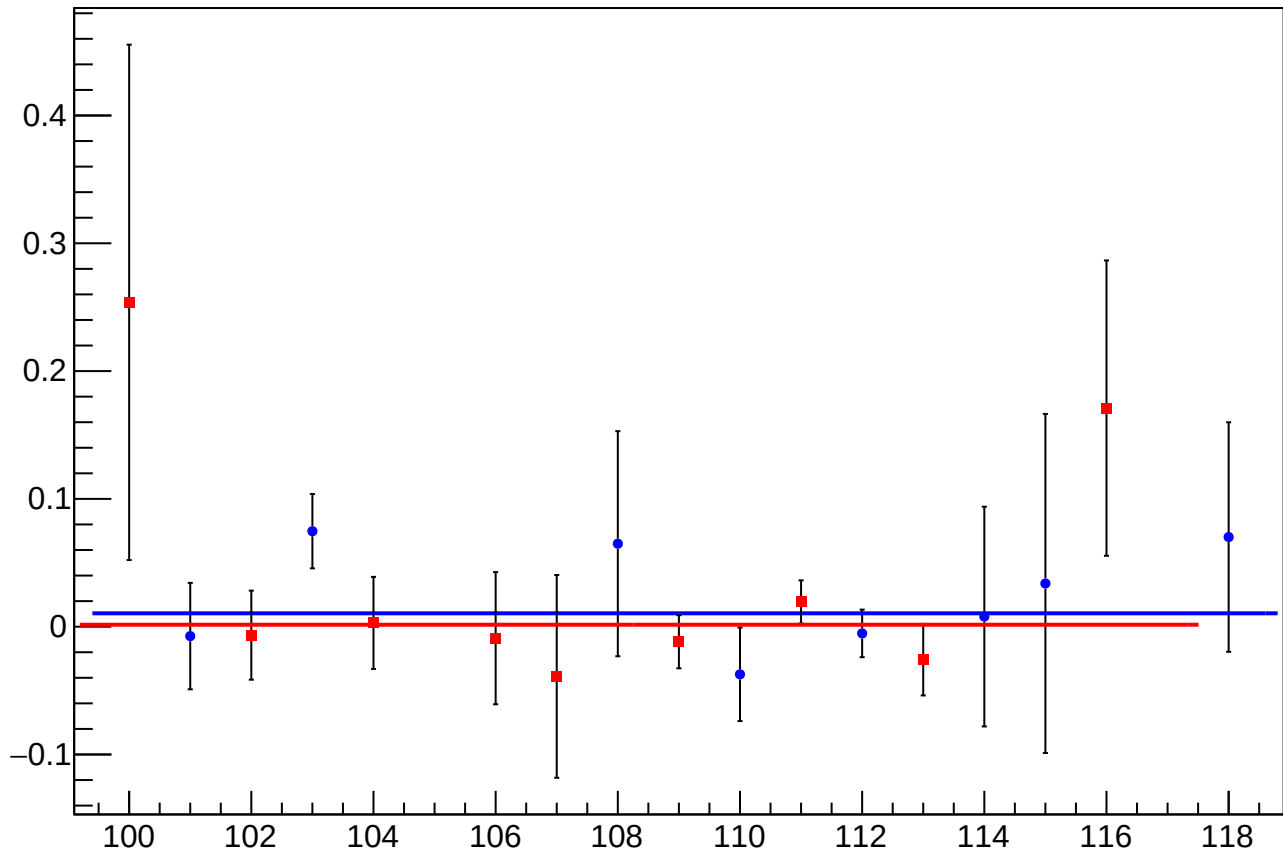
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 764080.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

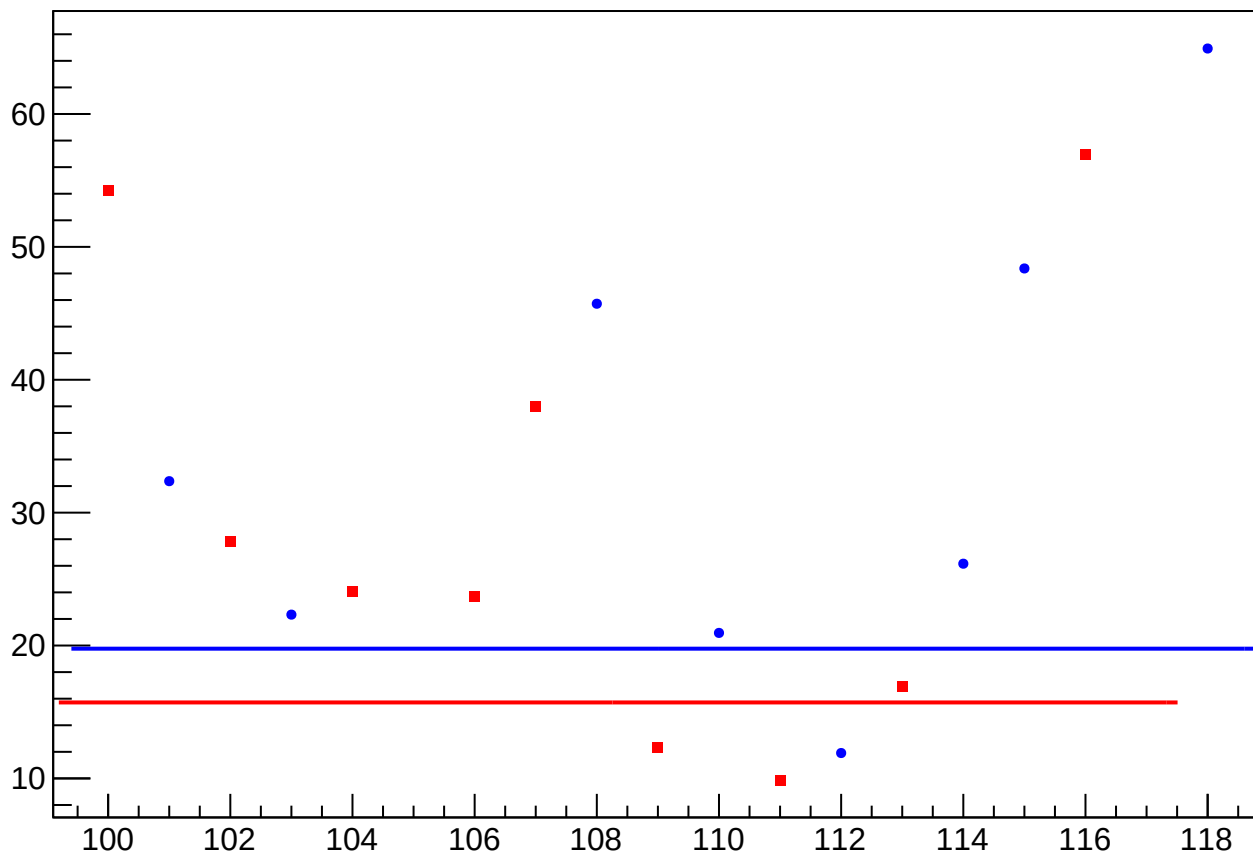
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



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: 15.717+/-0.007 χ^2/NDF : 1181900.3/8

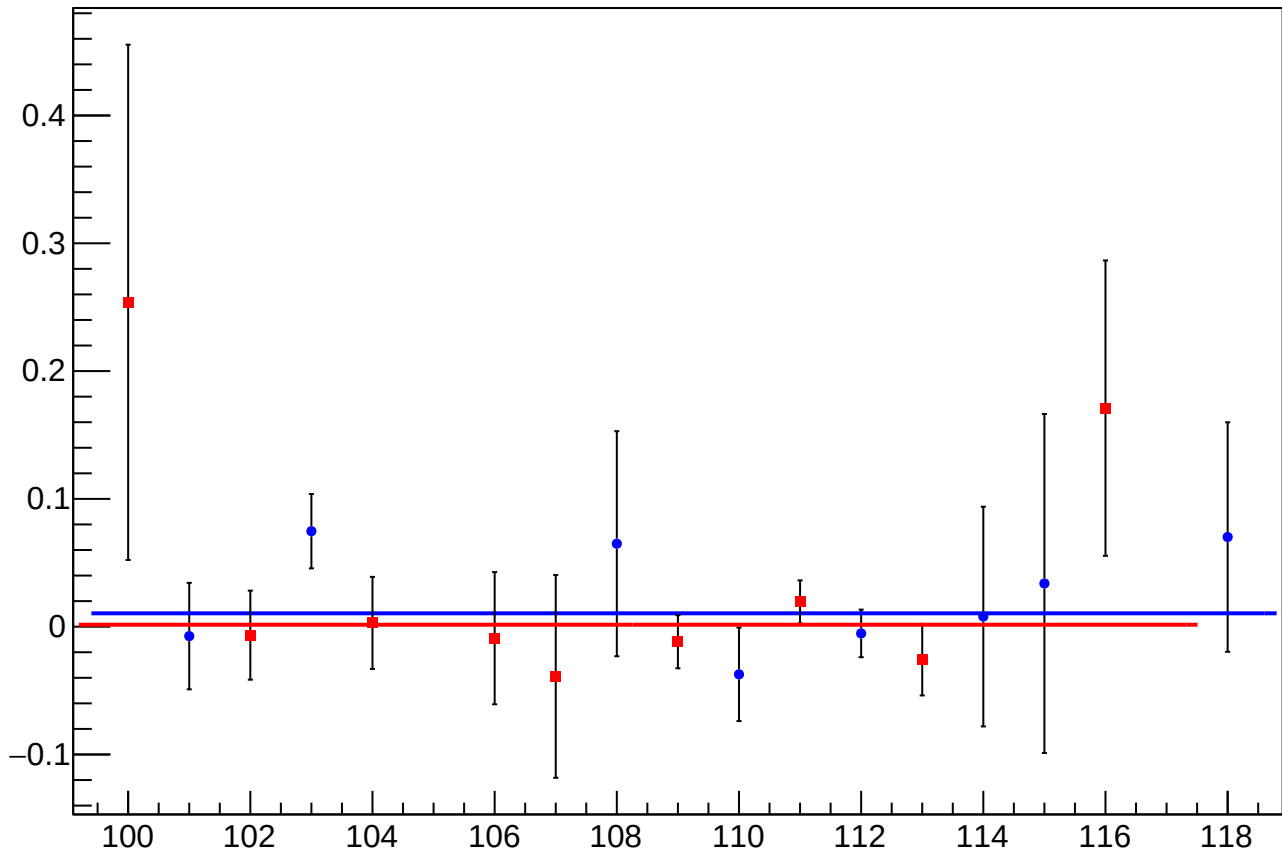
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.273+/-0.006 χ^2/NDF : 2639347.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.002 $\pm$ 0.010 χ^2 /NDF: 6.6/8

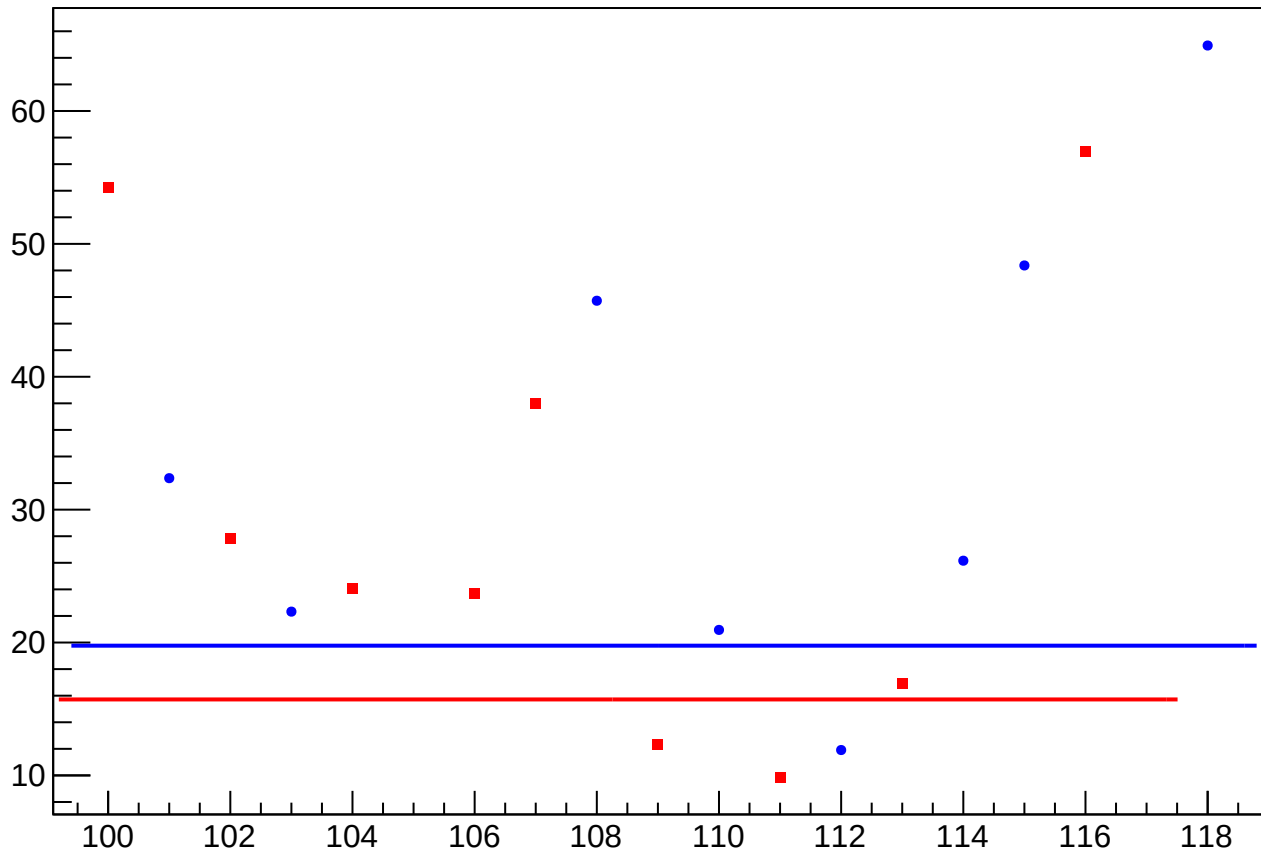
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.008 χ^2 /NDF: 15.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 15.717+/-0.007 χ^2/NDF : 1181900.3/8

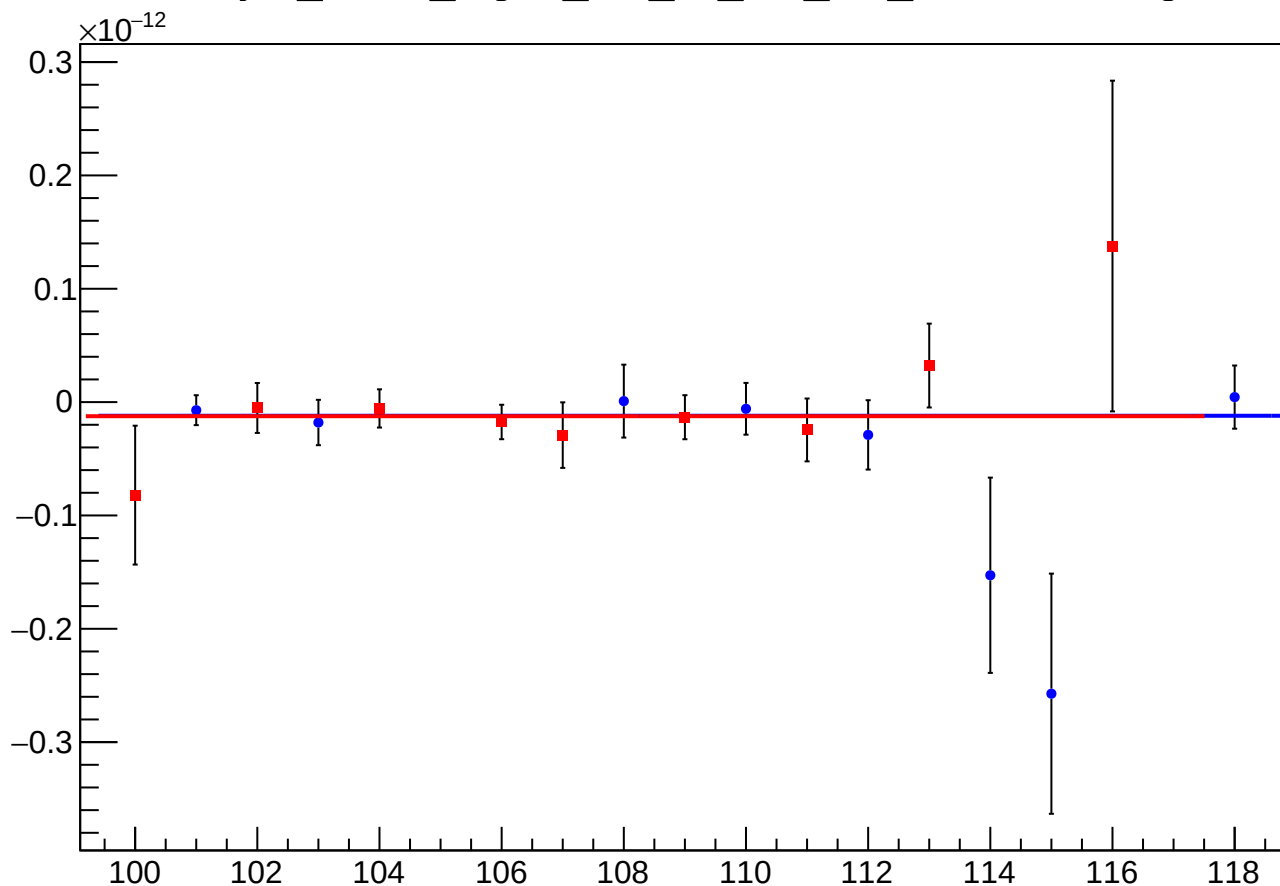
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.273+/-0.006 χ^2/NDF : 2639347.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.7/8

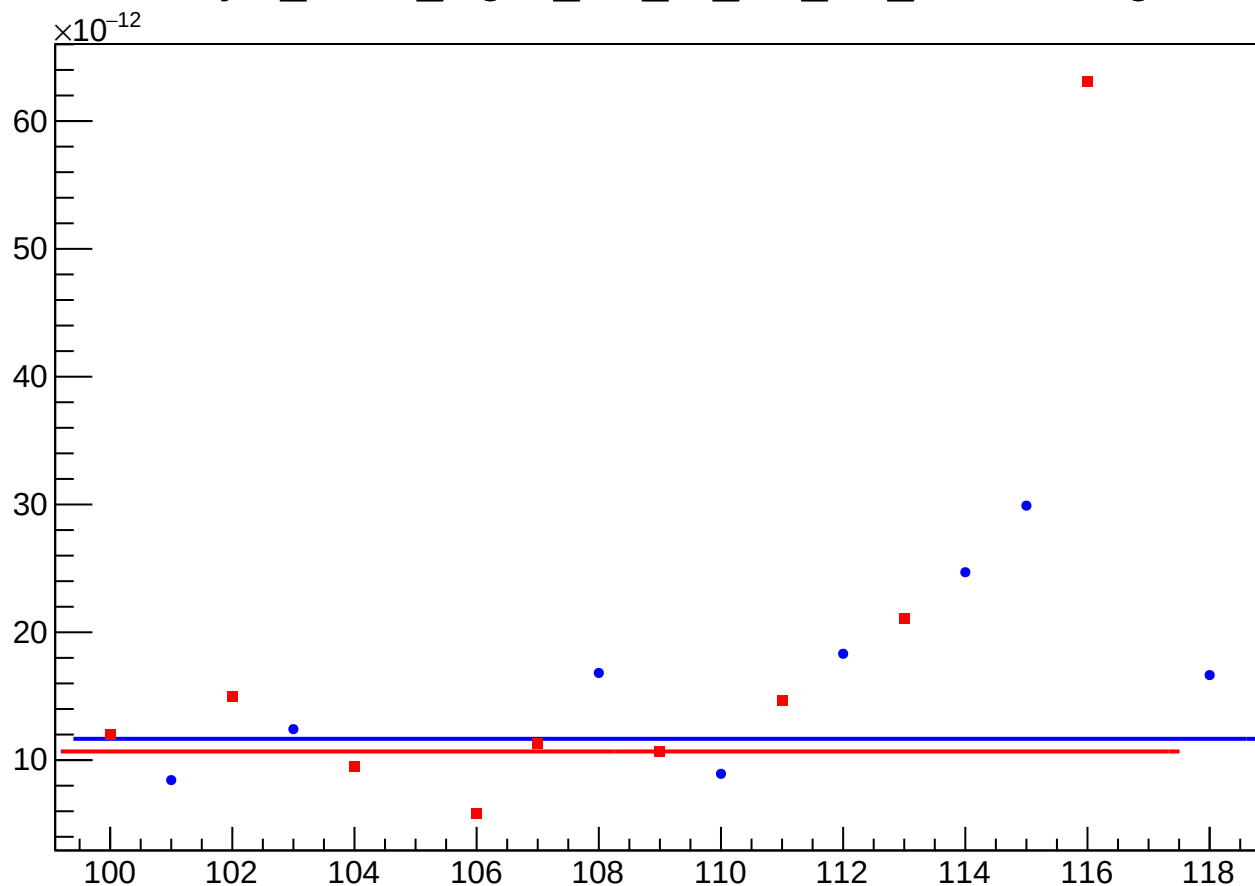
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 13.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



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 : 749486.5/8

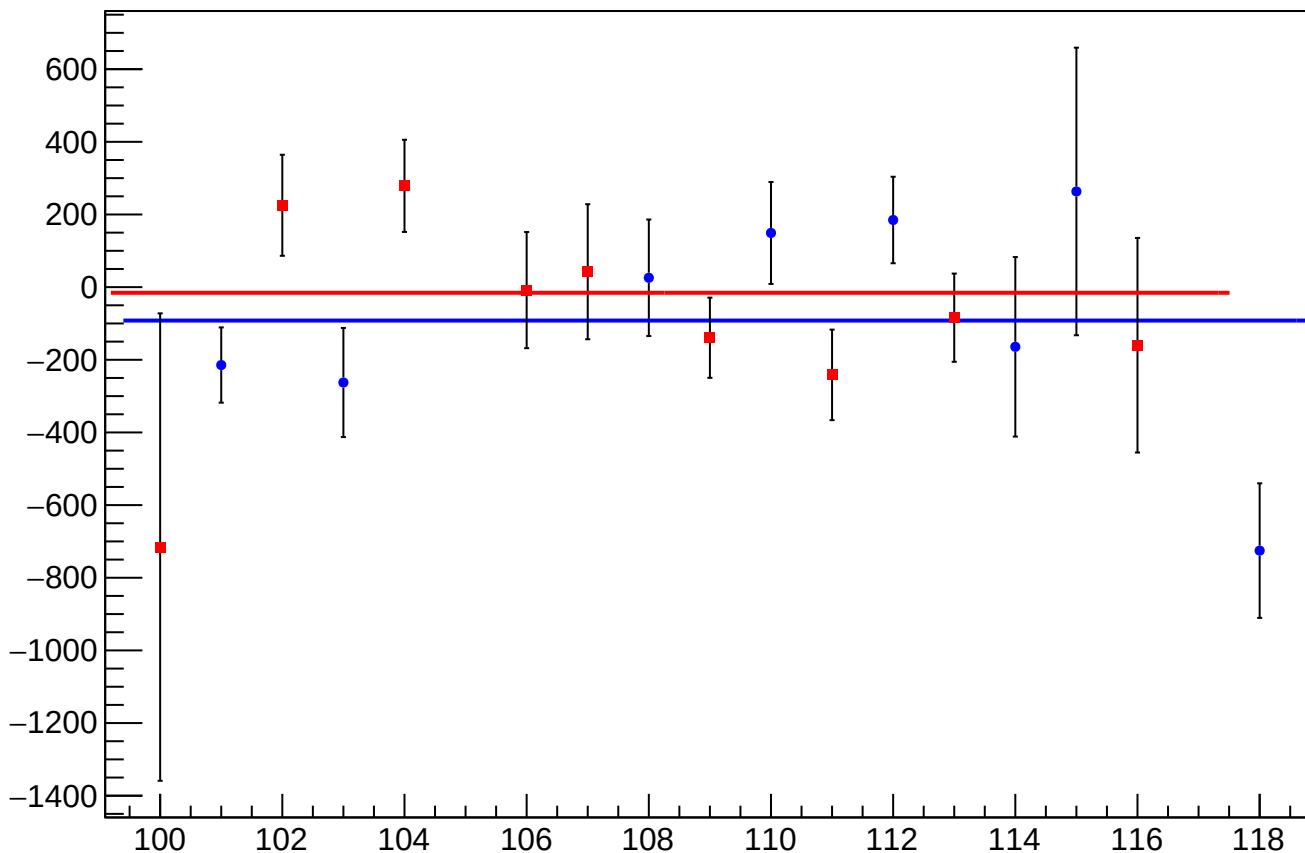
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1230541.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



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: -15.536 $\pm$ 49.381 χ^2 /NDF: 14.8/8

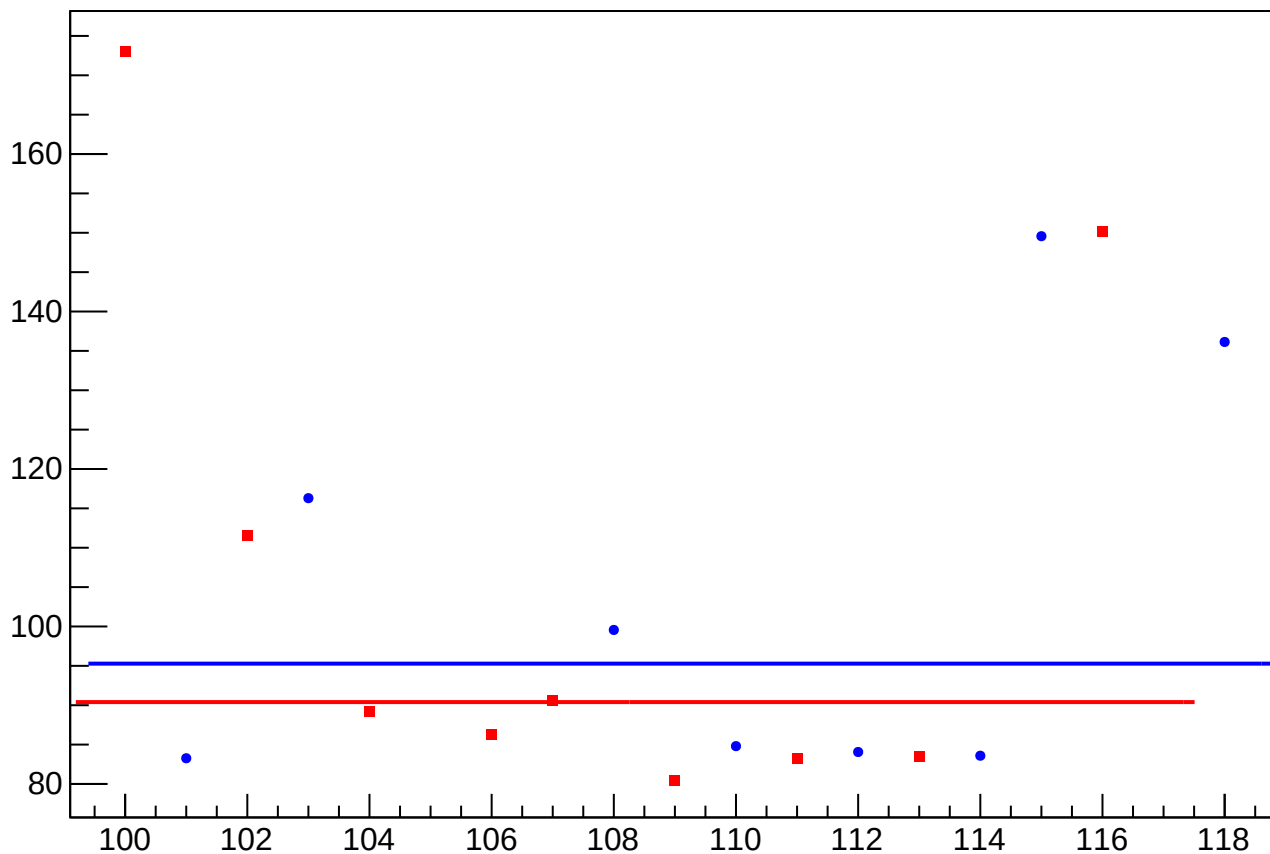
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.725 $\pm$ 36.281 χ^2 /NDF: 40.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_rms vs Slug



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: 90.397+/-0.035 χ^2/NDF : 191693.9/8

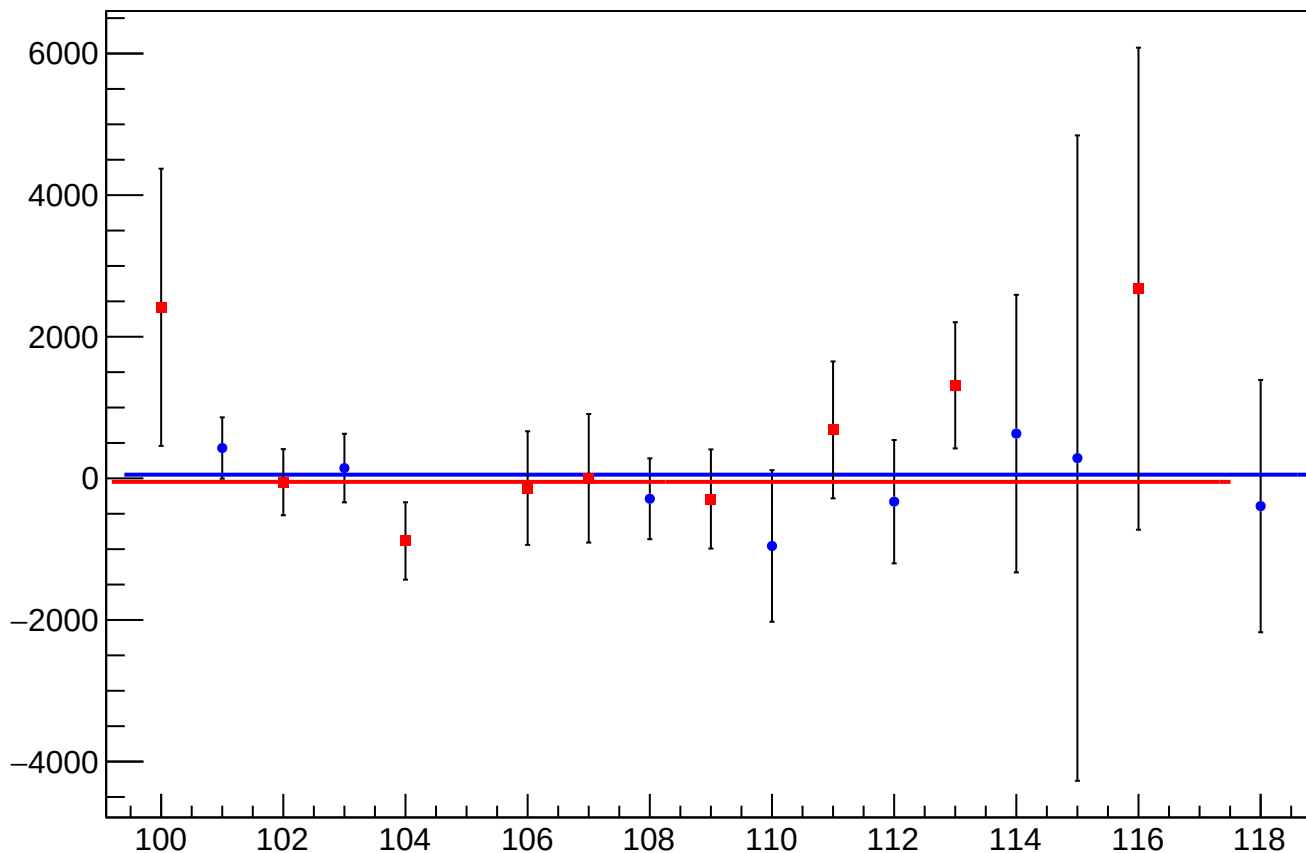
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.645+/-0.026 χ^2/NDF : 436502.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_mean vs Slug



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: -49.573+/-254.672 χ^2/NDF : 7.6/8

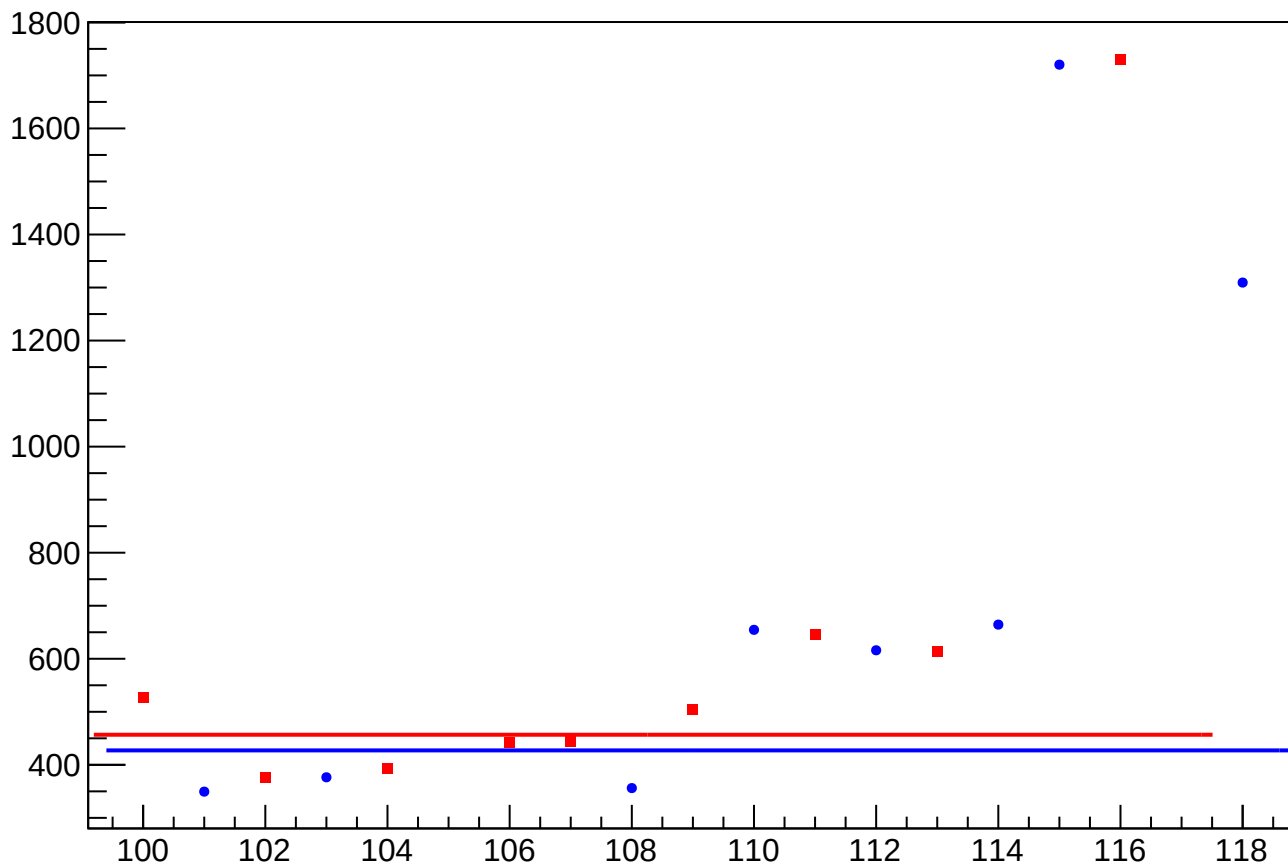
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.356+/-179.912 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_rms vs Slug



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: 456.762+/-0.180 χ^2/NDF : 518354.2/8

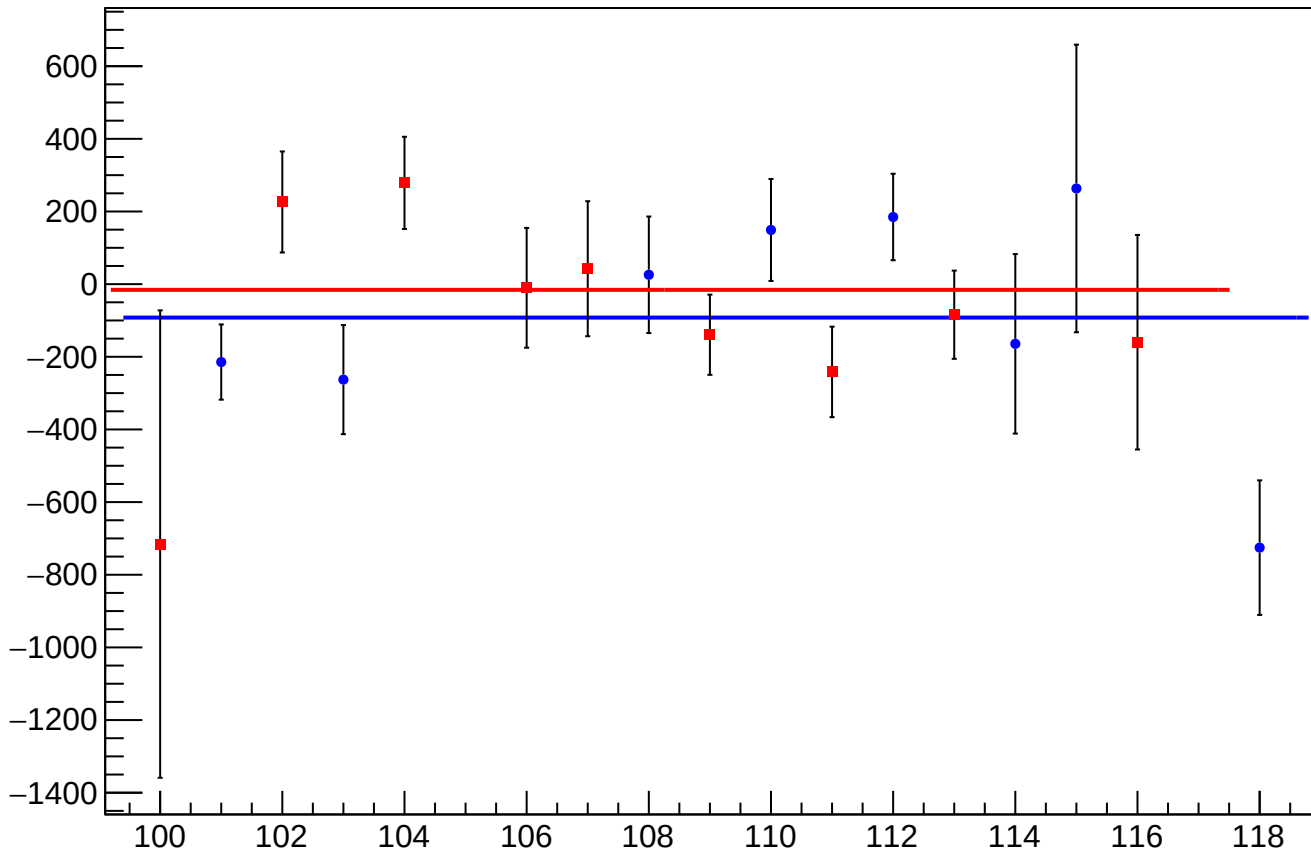
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.961+/-0.127 χ^2/NDF : 1513740.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



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: -15.688 ± 49.525 χ^2/NDF : 14.8/8

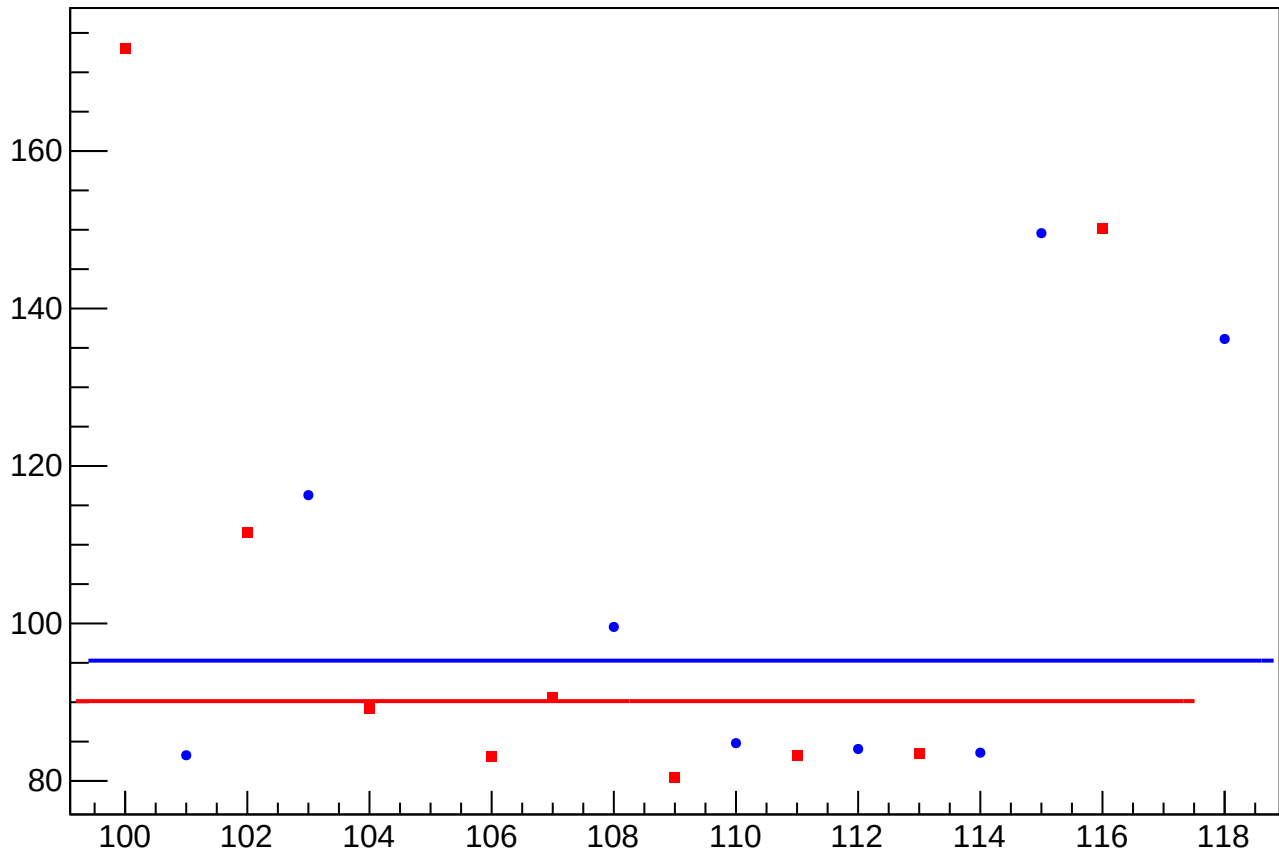
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.938 ± 36.338 χ^2/NDF : 40.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



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: 90.139+/-0.035 χ^2/NDF : 194348.5/8

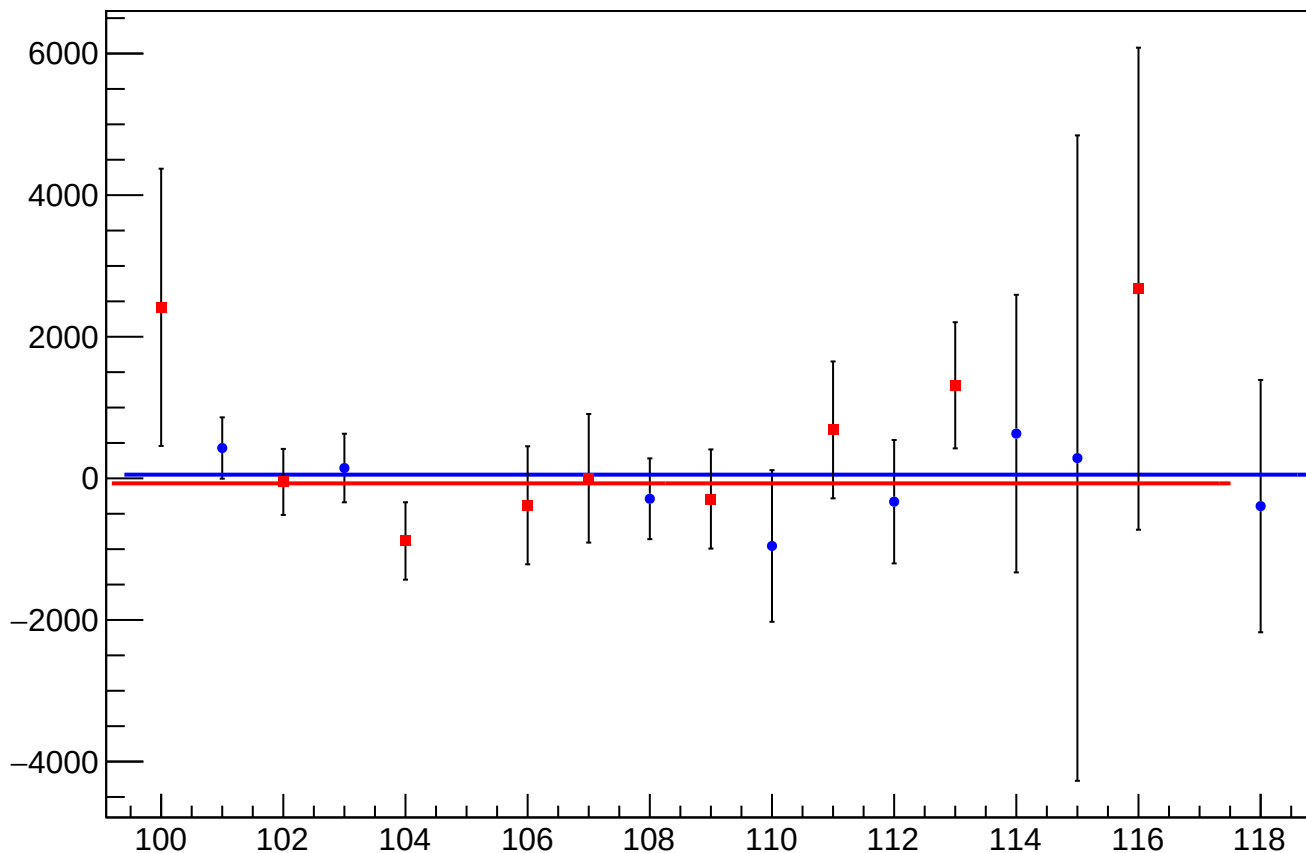
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.513+/-0.026 χ^2/NDF : 440109.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_cor_correction_mean vs Slug



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: -70.763+/-255.500 χ^2/NDF : 7.8/8

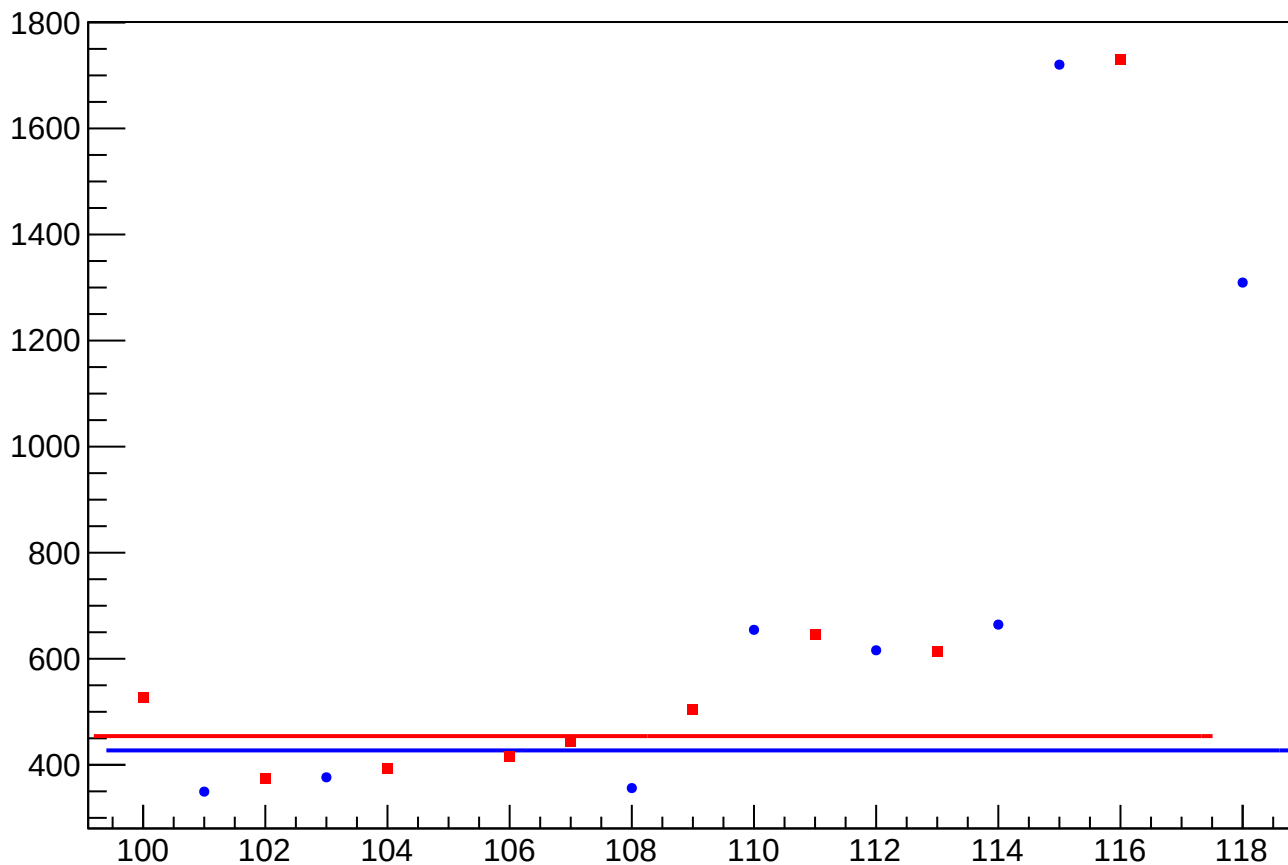
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.923+/-180.200 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_cor_correction_rms vs Slug



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: 454.174+/-0.181 χ^2/NDF : 523386.1/8

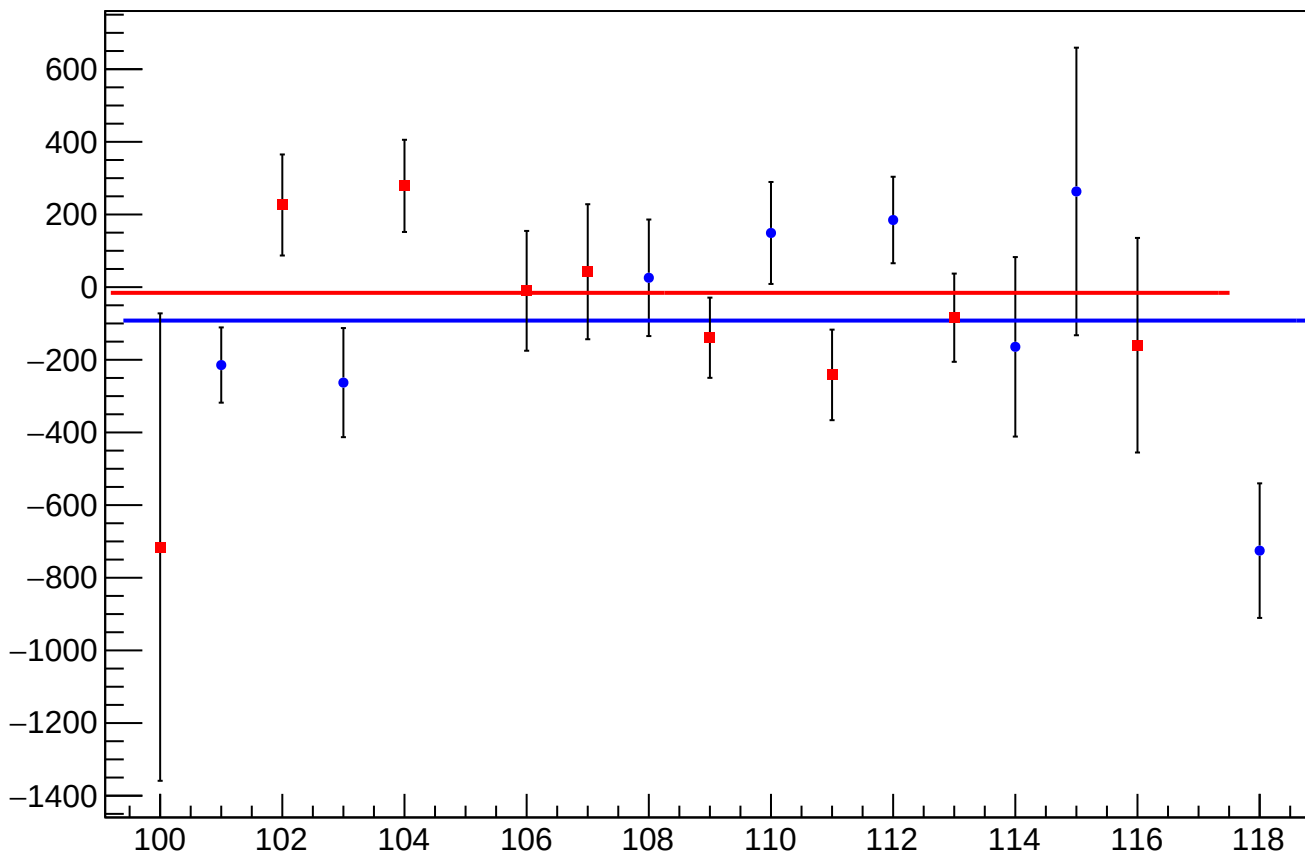
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.615+/-0.127 χ^2/NDF : 1516542.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



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: -15.688 $\pm$ 49.525 χ^2 /NDF: 14.8/8

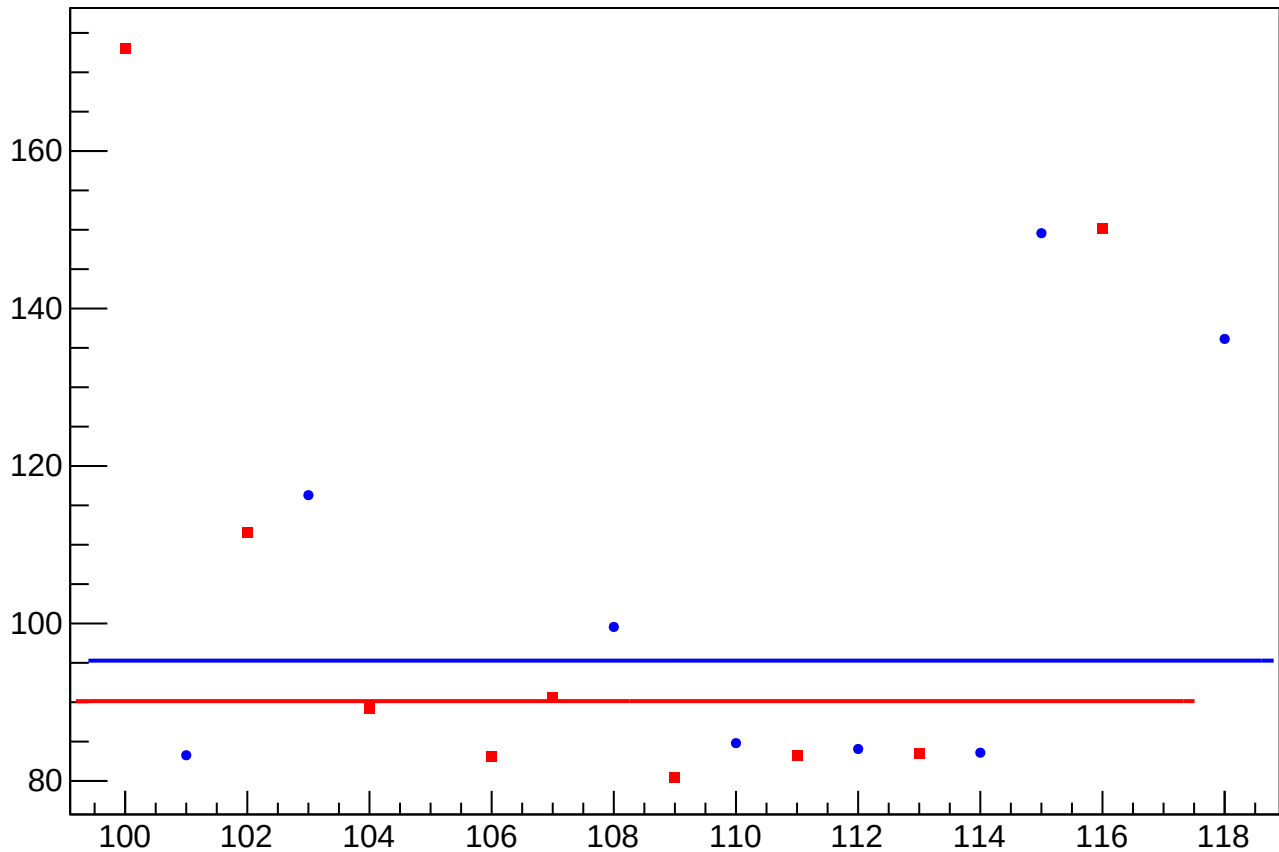
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -50.938 $\pm$ 36.338 χ^2 /NDF: 40.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam6_rms vs Slug



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: 90.139+/-0.035 χ^2/NDF : 194348.5/8

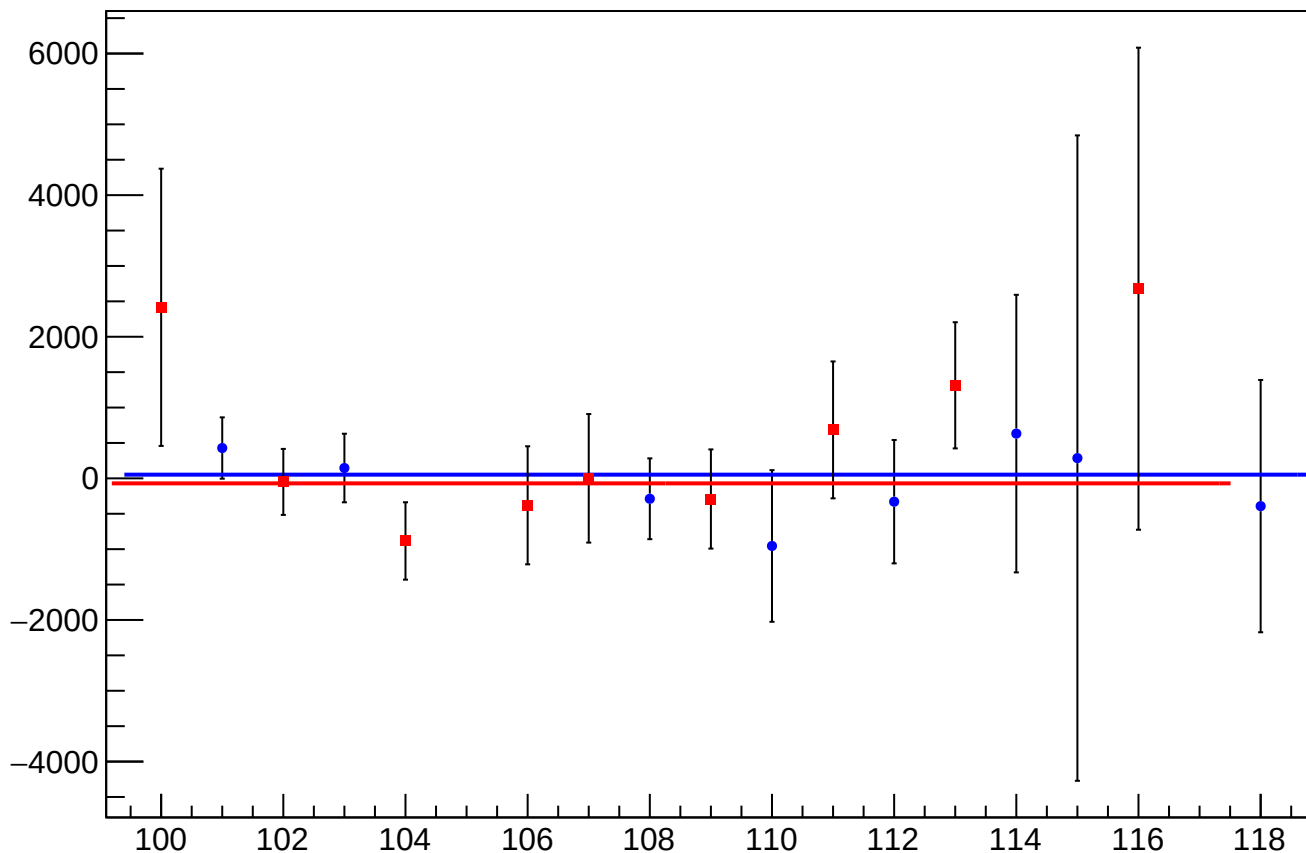
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.513+/-0.026 χ^2/NDF : 440109.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



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: -70.763+/-255.500 χ^2/NDF : 7.8/8

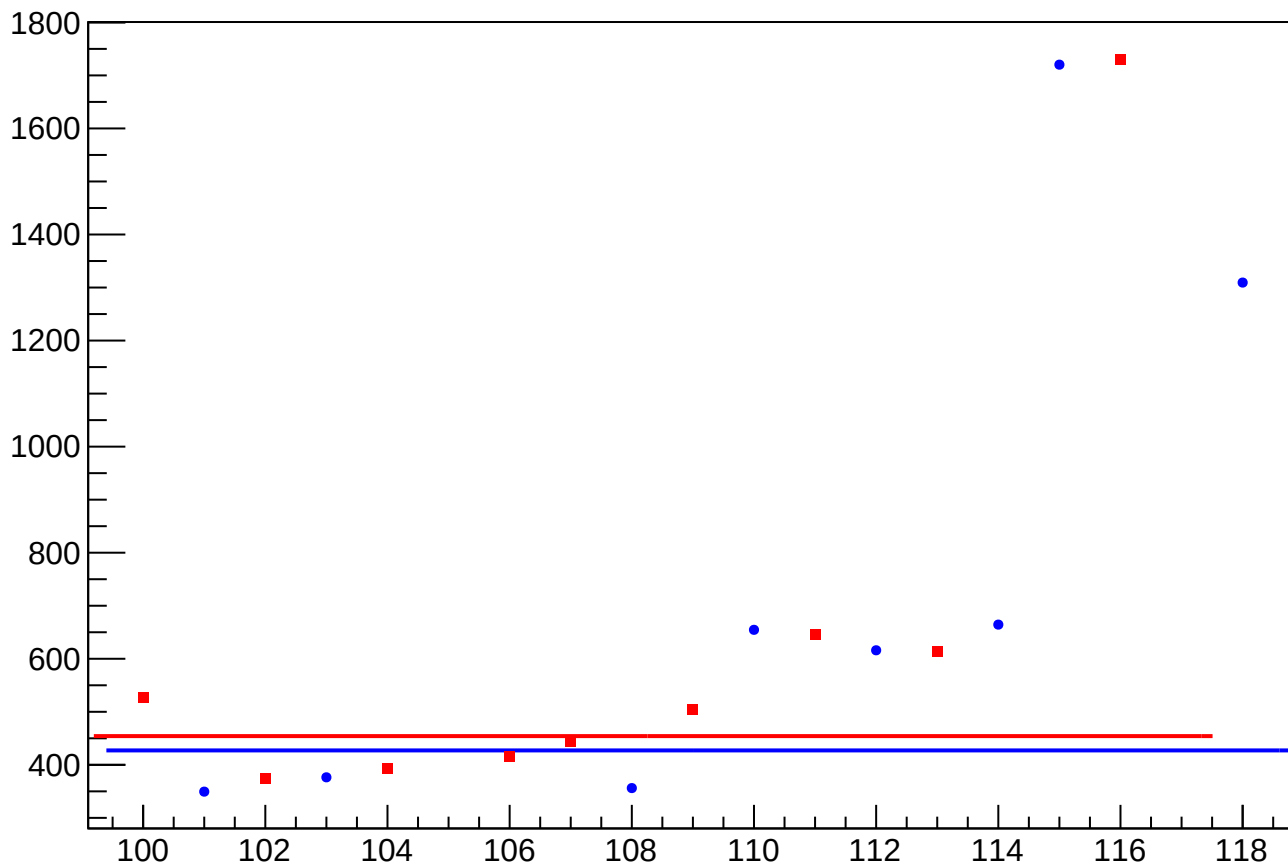
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.923+/-180.200 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



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: 454.174+/-0.181 χ^2/NDF : 523386.1/8

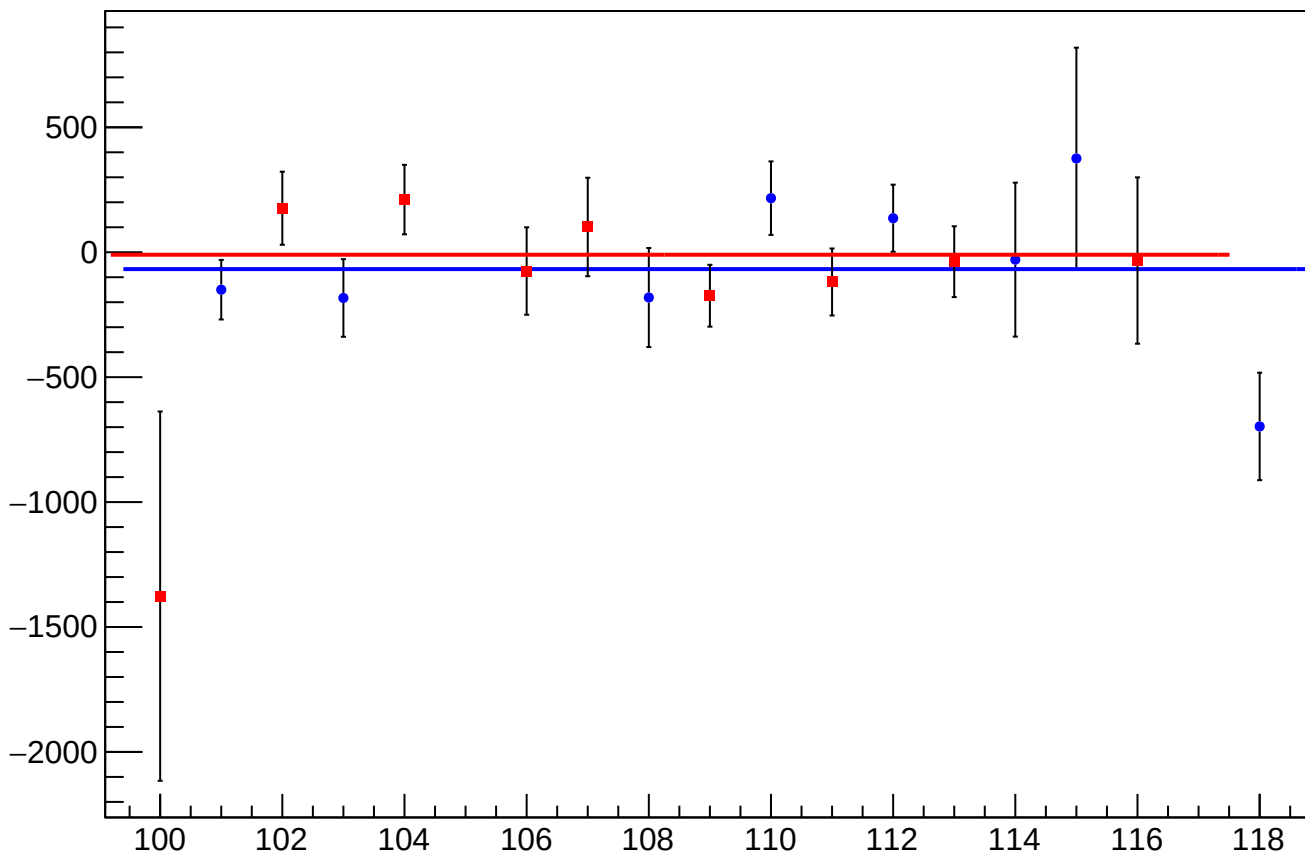
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.615+/-0.127 χ^2/NDF : 1516542.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



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: -10.004 ± 54.369 χ^2/NDF : 10.5/8

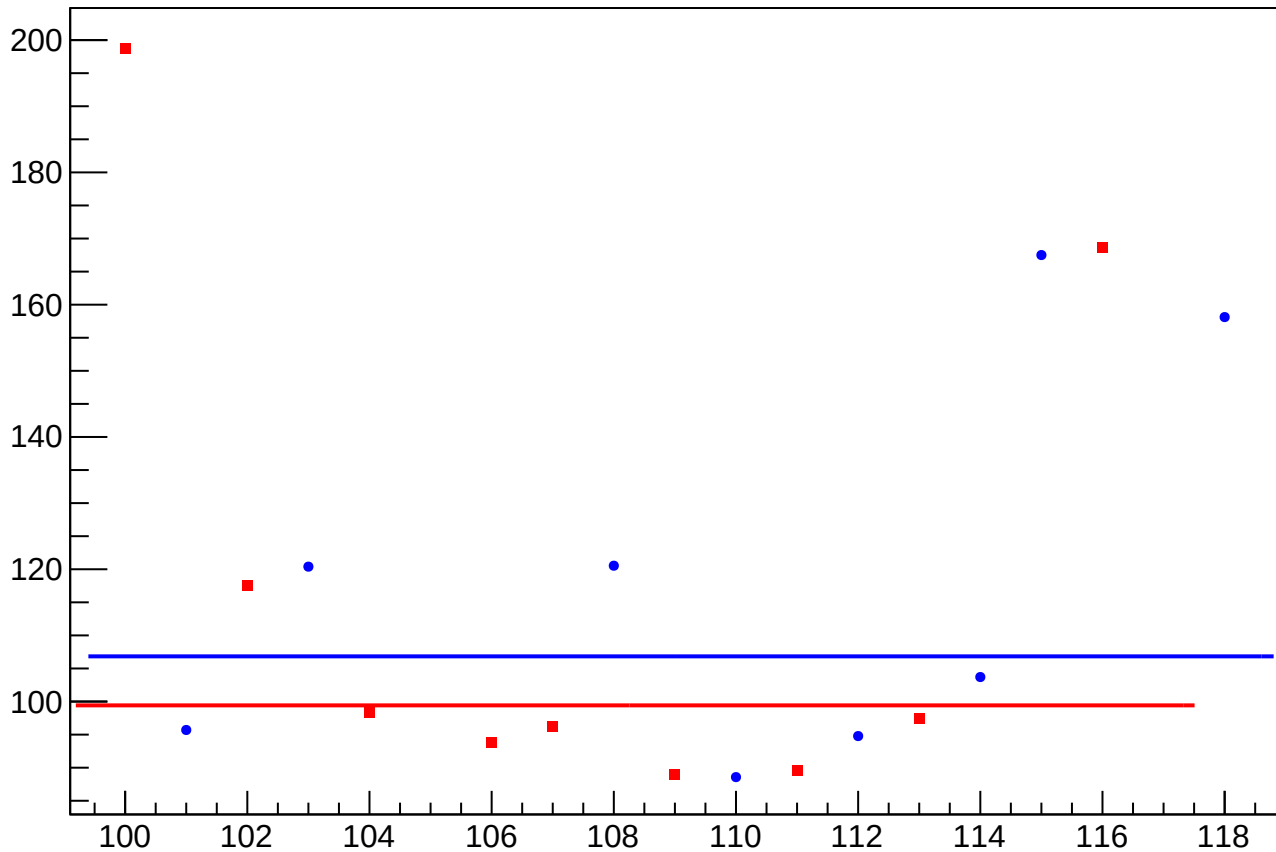
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.842 ± 40.346 χ^2/NDF : 27.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



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: 99.422 $\pm$ 0.038 χ^2 /NDF: 181583.9/8

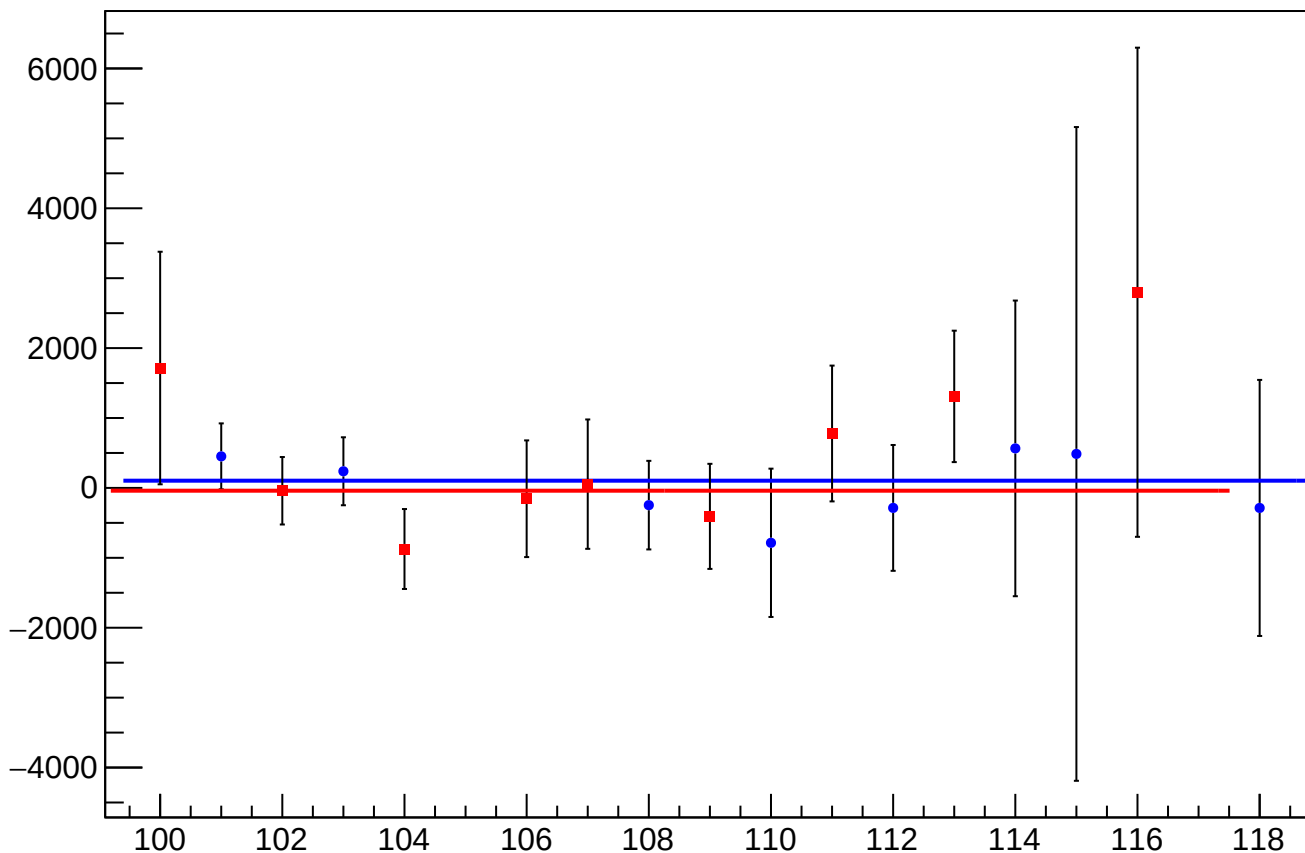
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.751 $\pm$ 0.029 χ^2 /NDF: 438762.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



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: -39.882 $\pm$ 263.863 χ^2 /NDF: 6.9/8

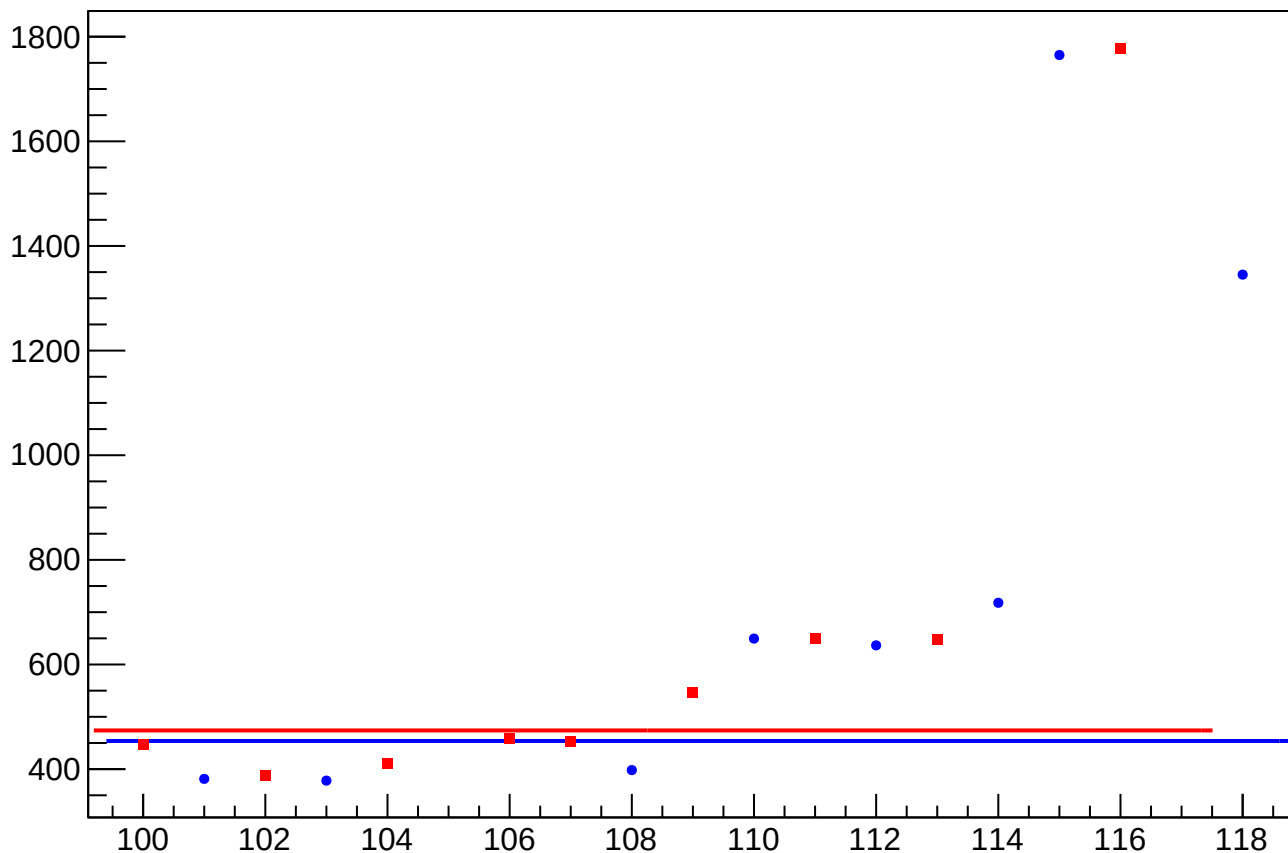
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.586 $\pm$ 188.060 χ^2 /NDF: 9.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



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: 473.958+/-0.187 χ^2/NDF : 519322.6/8

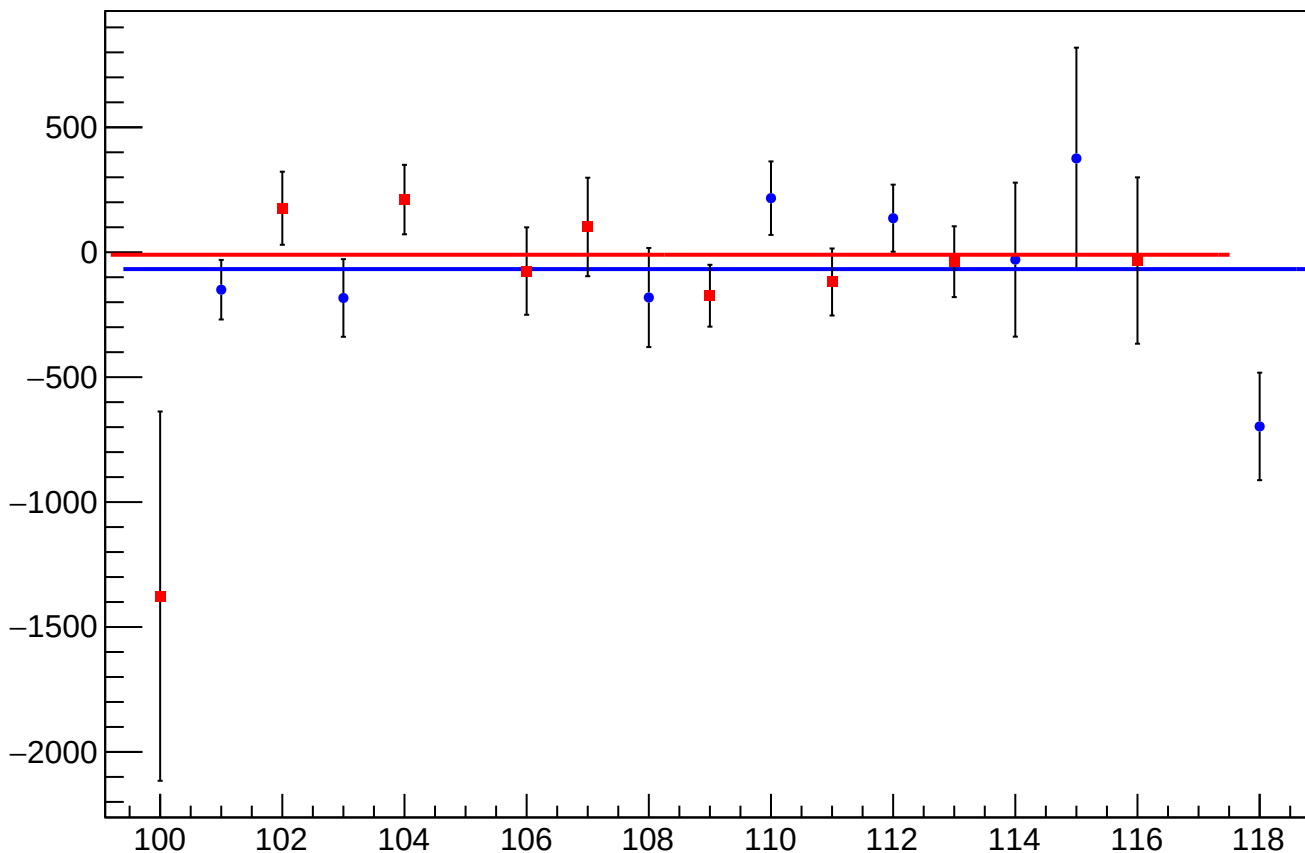
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.021+/-0.133 χ^2/NDF : 1449139.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -67.508 ± 60.189 χ^2/NDF : 17.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.006 ± 54.369 χ^2/NDF : 10.5/8

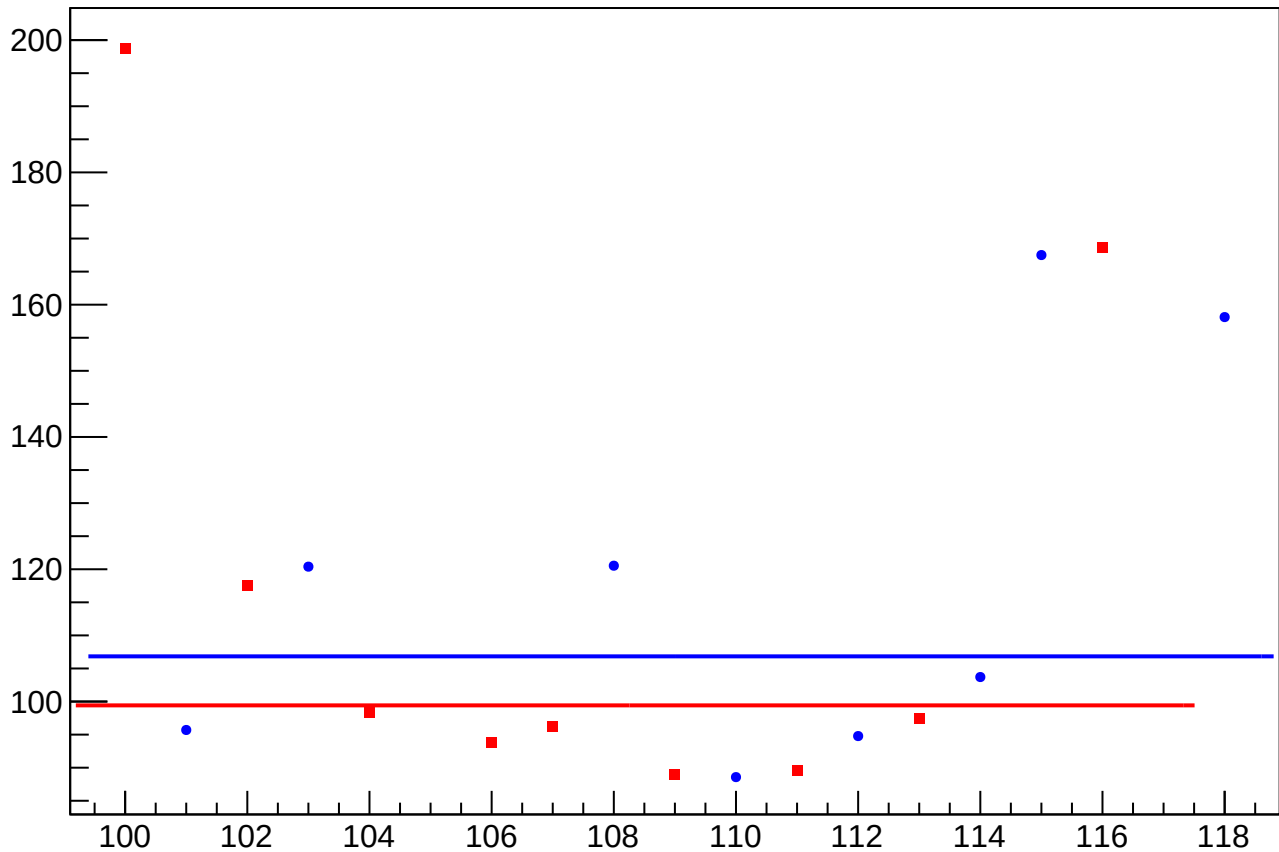
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.843 ± 40.346 χ^2/NDF : 27.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



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: 99.421 $\pm$ 0.038 χ^2 /NDF: 181585.0/8

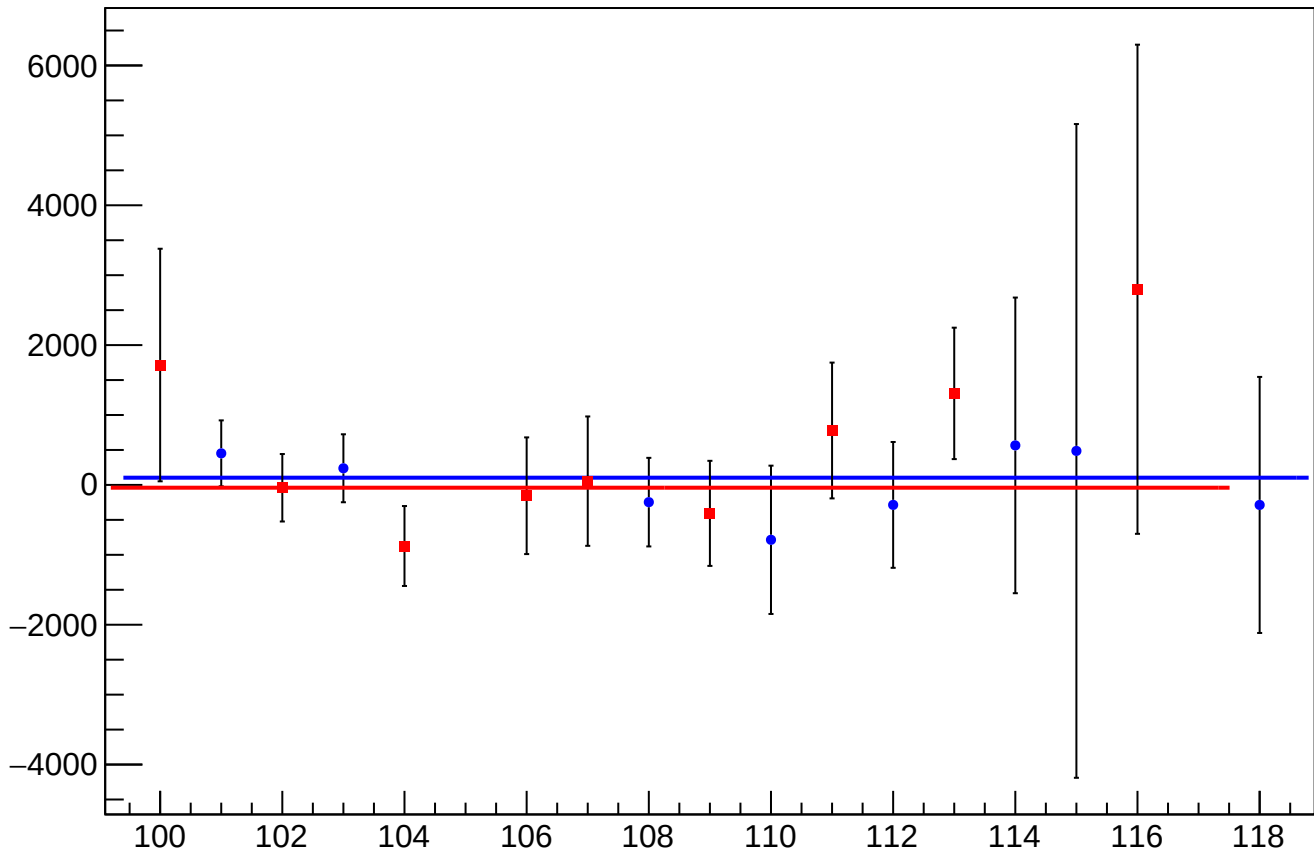
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.751 $\pm$ 0.029 χ^2 /NDF: 438765.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



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: -39.884 $\pm$ 263.863 χ^2 /NDF: 6.9/8

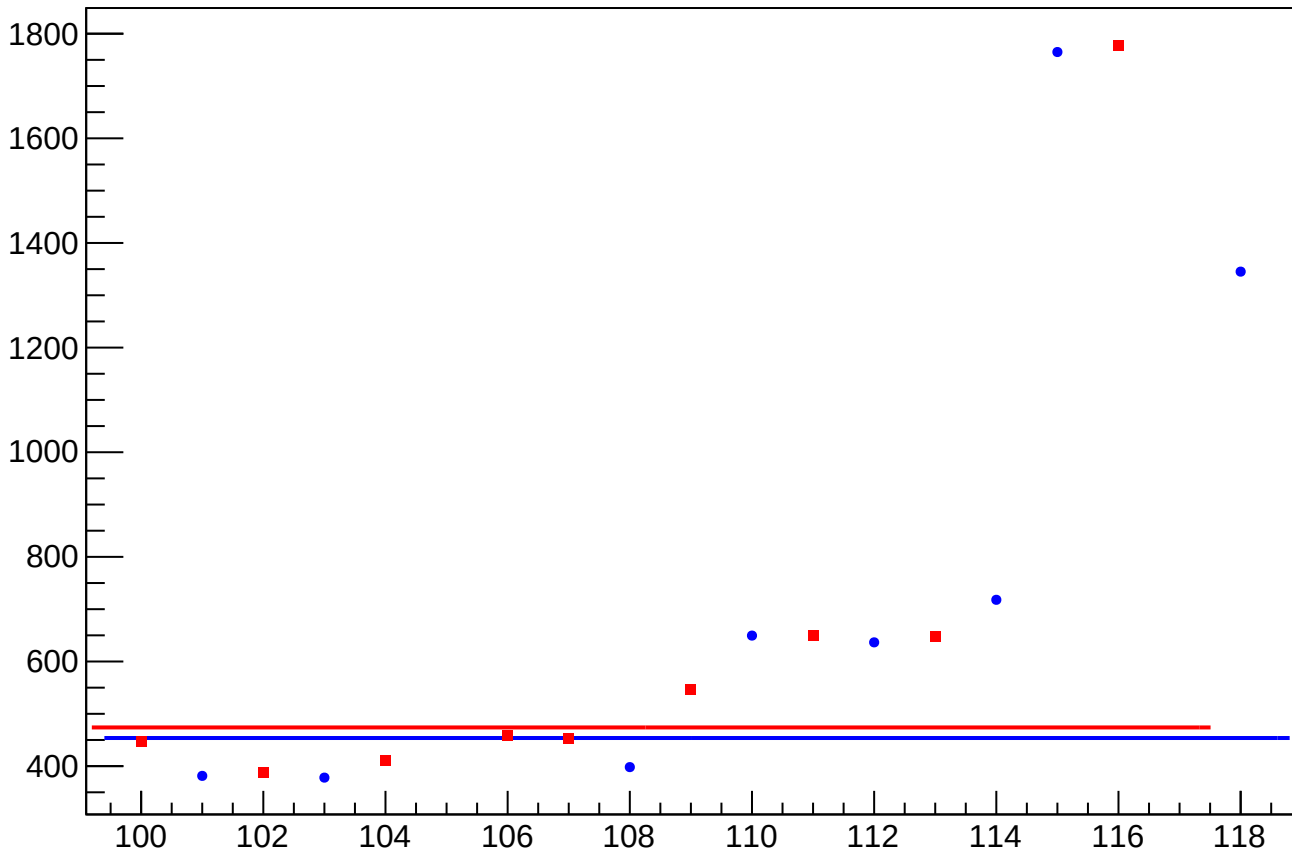
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.585 $\pm$ 188.060 χ^2 /NDF: 9.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 453.760 $\pm$ 0.190 χ^2 /NDF: 924053.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 473.958 $\pm$ 0.187 χ^2 /NDF: 519322.9/8

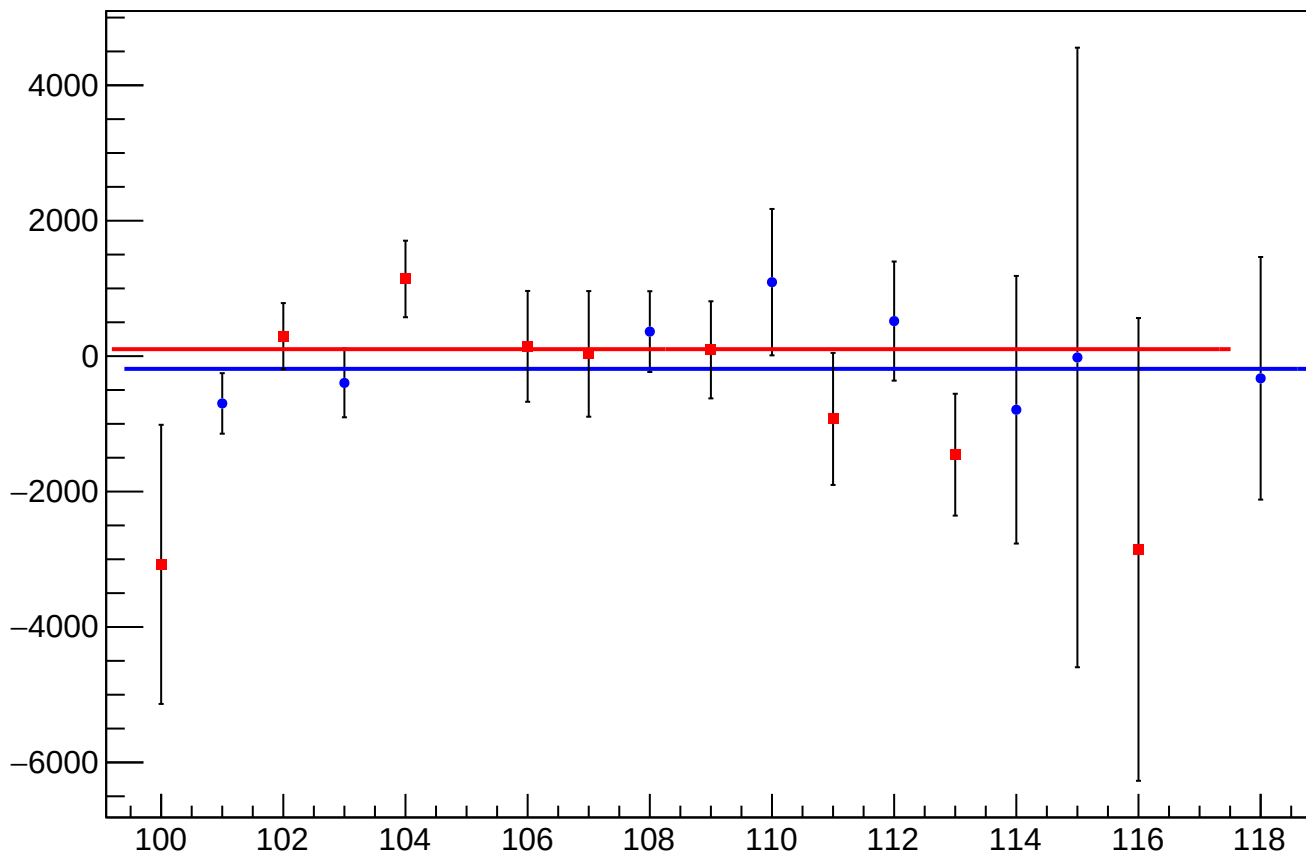
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 464.020 $\pm$ 0.133 χ^2 /NDF: 1449141.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_mean vs Slug



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: 103.039 ± 262.340 χ^2/NDF : 10.8/8

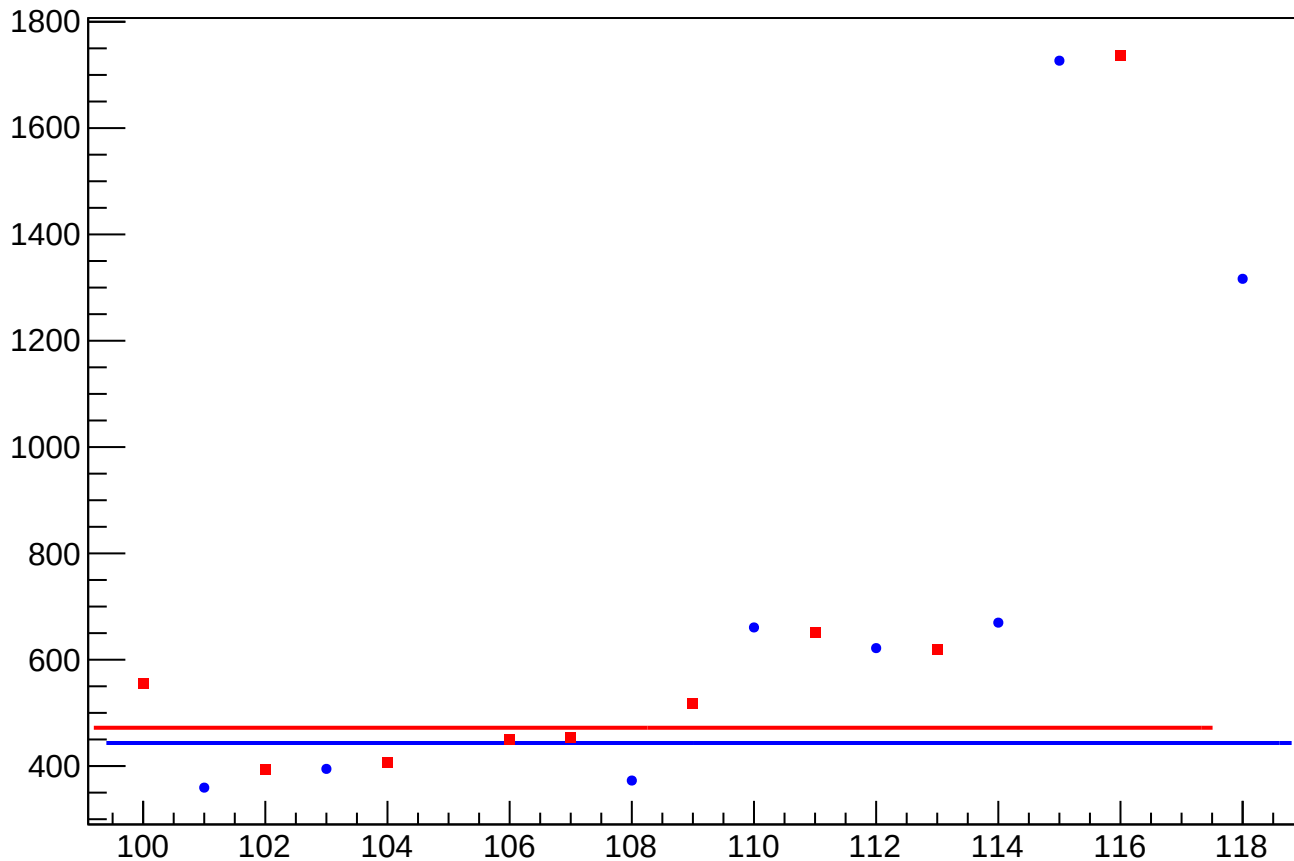
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.016 ± 185.719 χ^2/NDF : 15.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



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: 472.021+/-0.186 χ^2/NDF : 487721.1/8

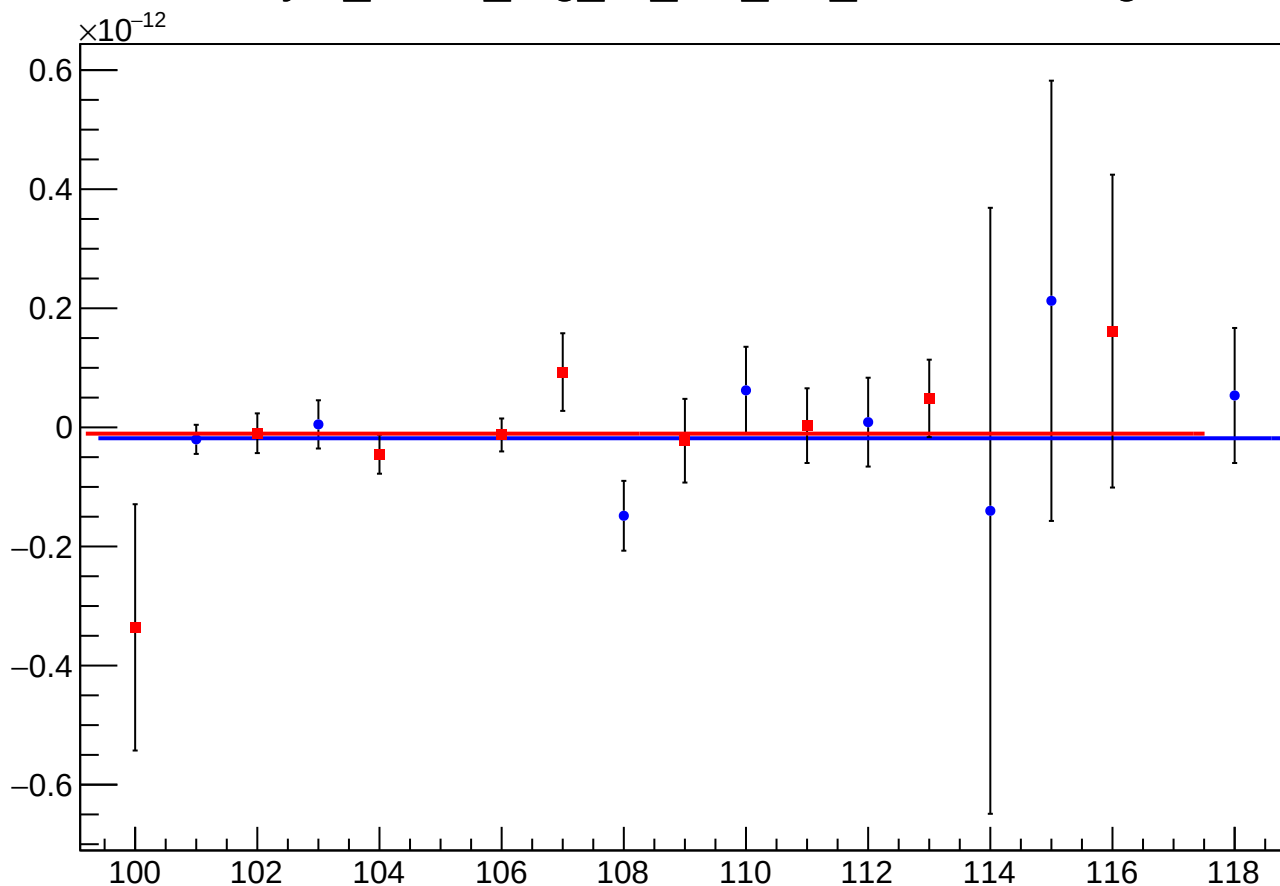
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.724+/-0.131 χ^2/NDF : 1438644.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_mean vs Slug



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 : 7.4/8

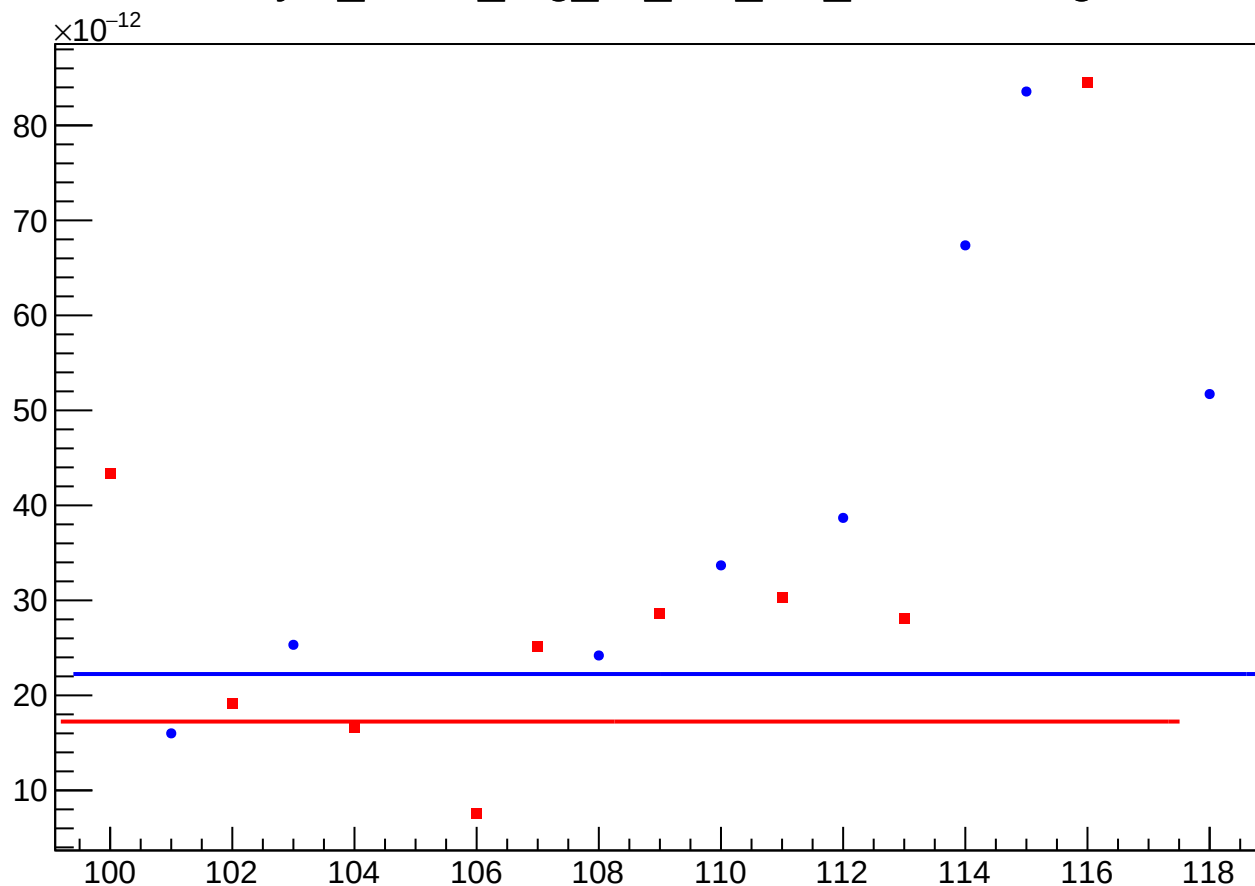
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 15.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_rms vs Slug



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 : 639174.4/8

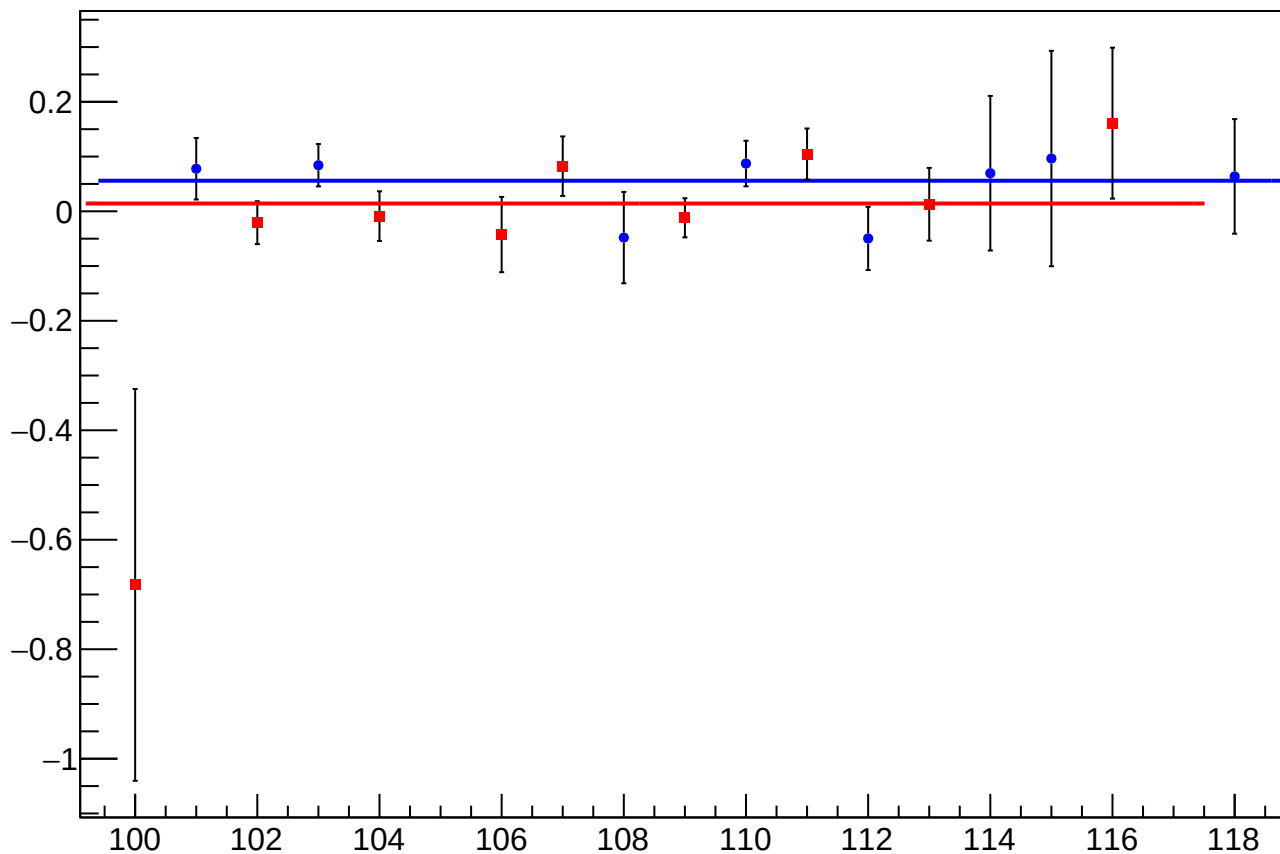
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1222442.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.021 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.018 χ^2 /NDF: 12.5/8

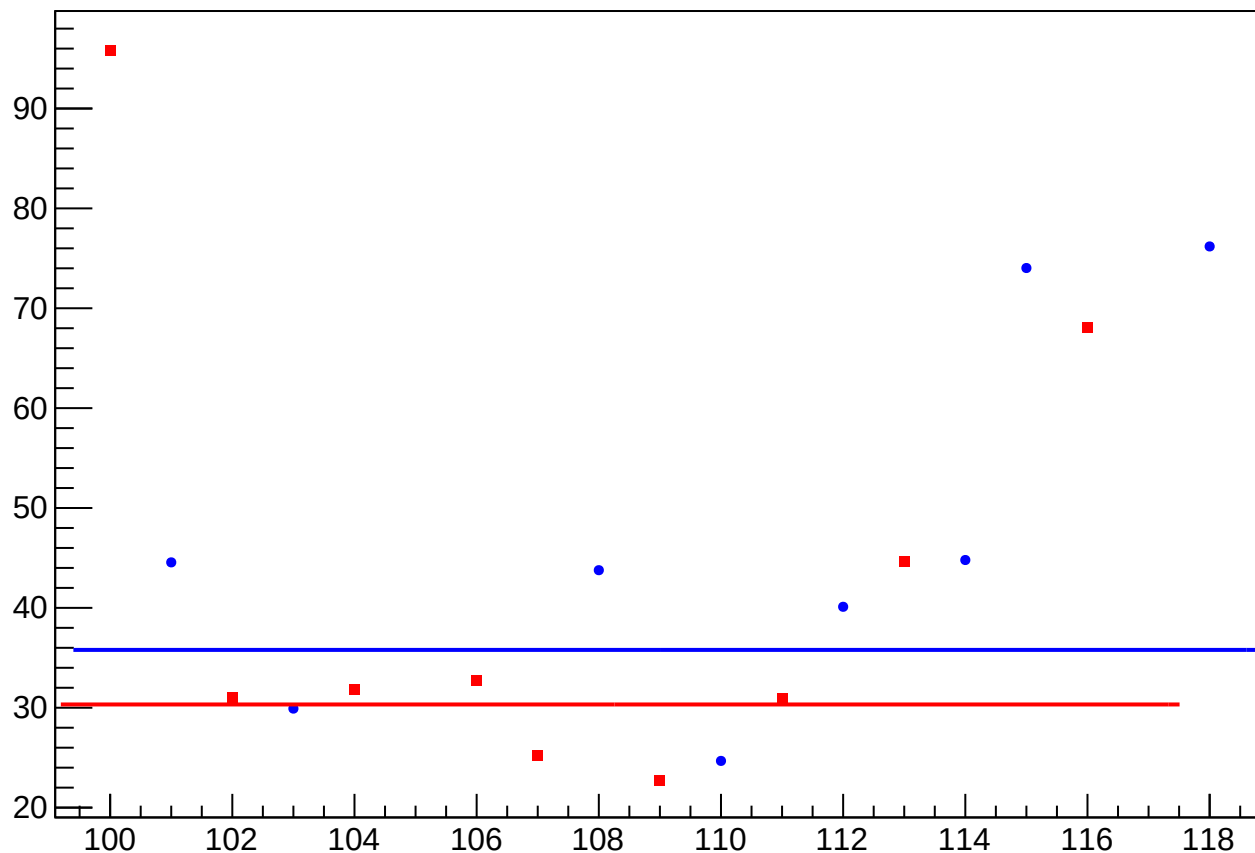
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.014 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



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: 30.328+/-0.012 χ^2/NDF : 423360.1/8

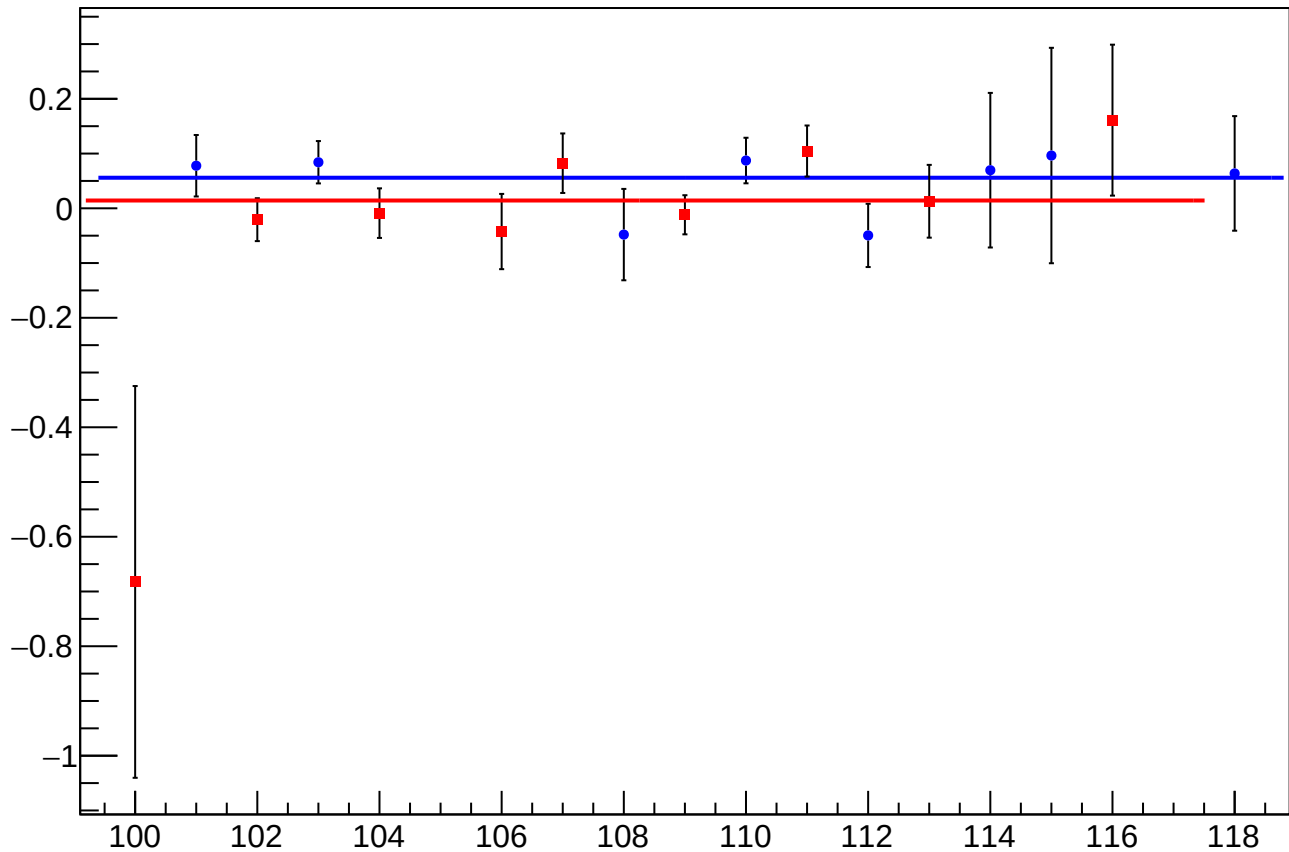
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.530+/-0.010 χ^2/NDF : 1149406.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.021 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.018 χ^2 /NDF: 12.5/8

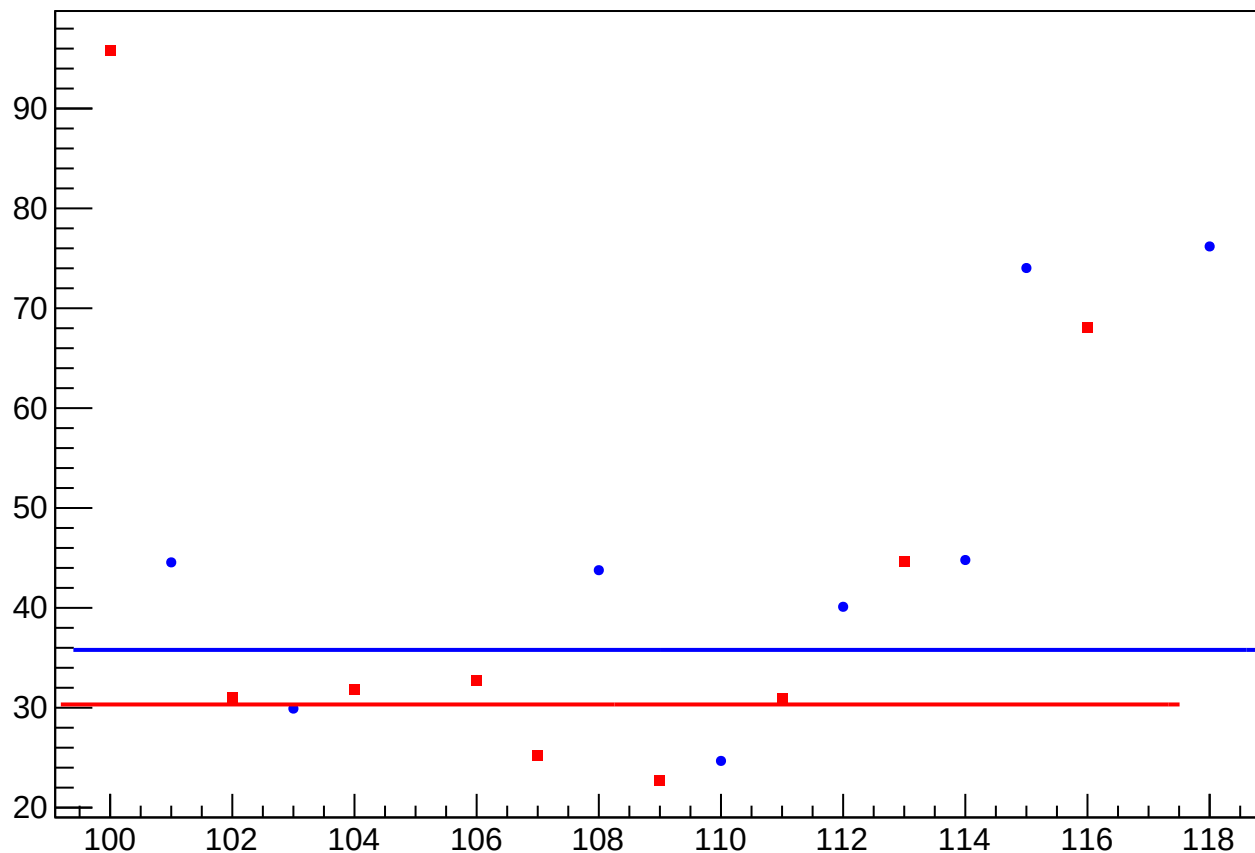
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.014 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.791 $\pm$ 0.015 χ^2 /NDF: 648614.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.328 $\pm$ 0.012 χ^2 /NDF: 423360.1/8

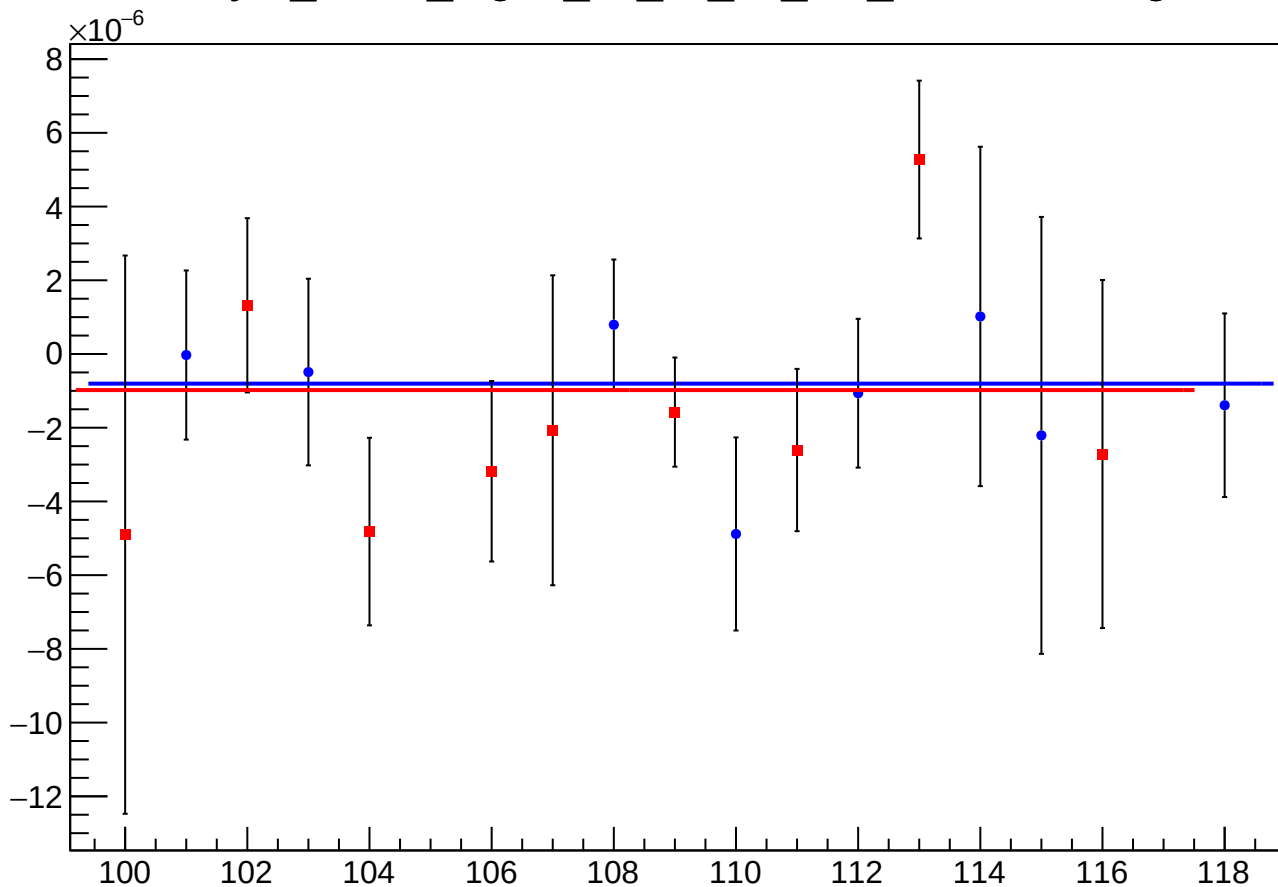
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.530 $\pm$ 0.010 χ^2 /NDF: 1149406.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug



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 : 13.7/8

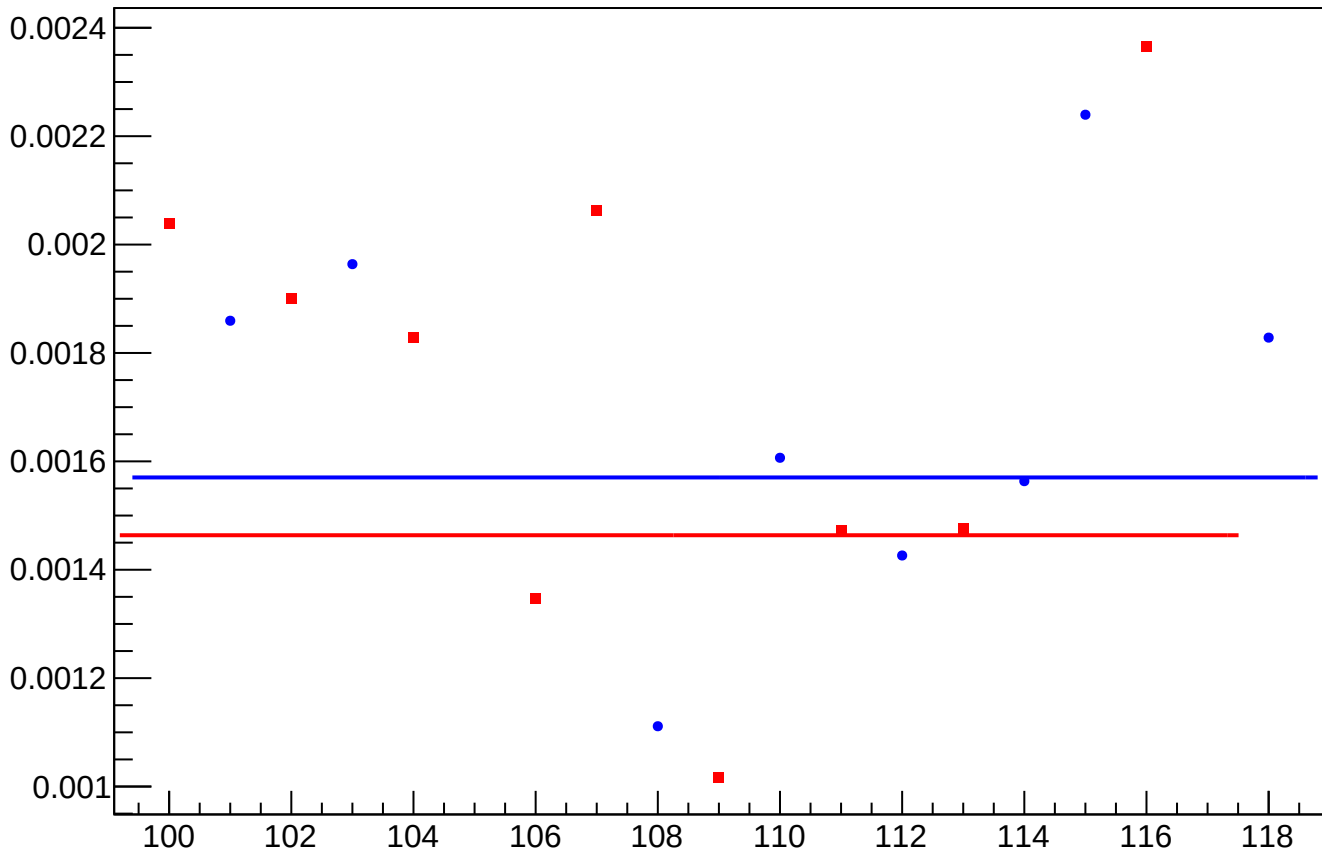
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 272179.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 420809.3/8

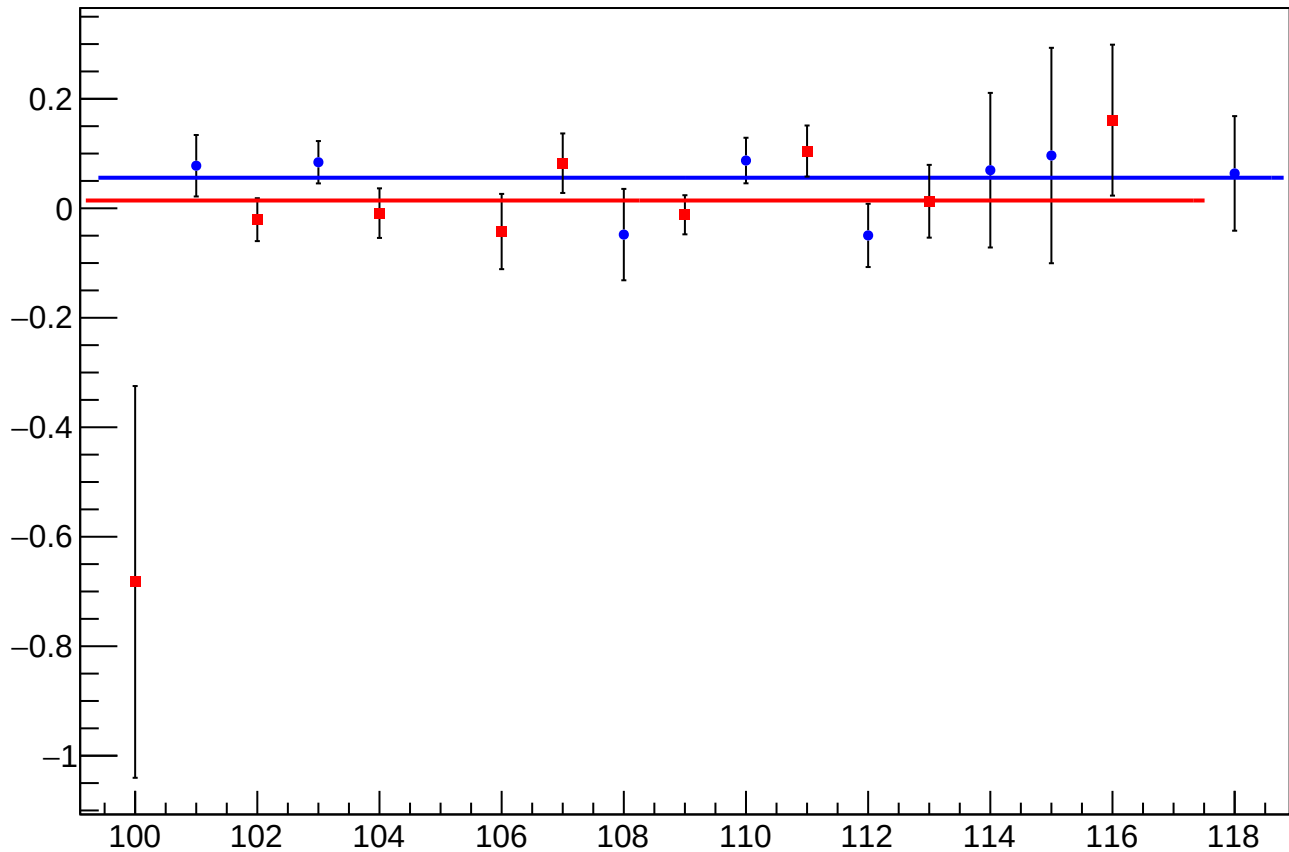
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 708779.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.021 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.018 χ^2 /NDF: 12.5/8

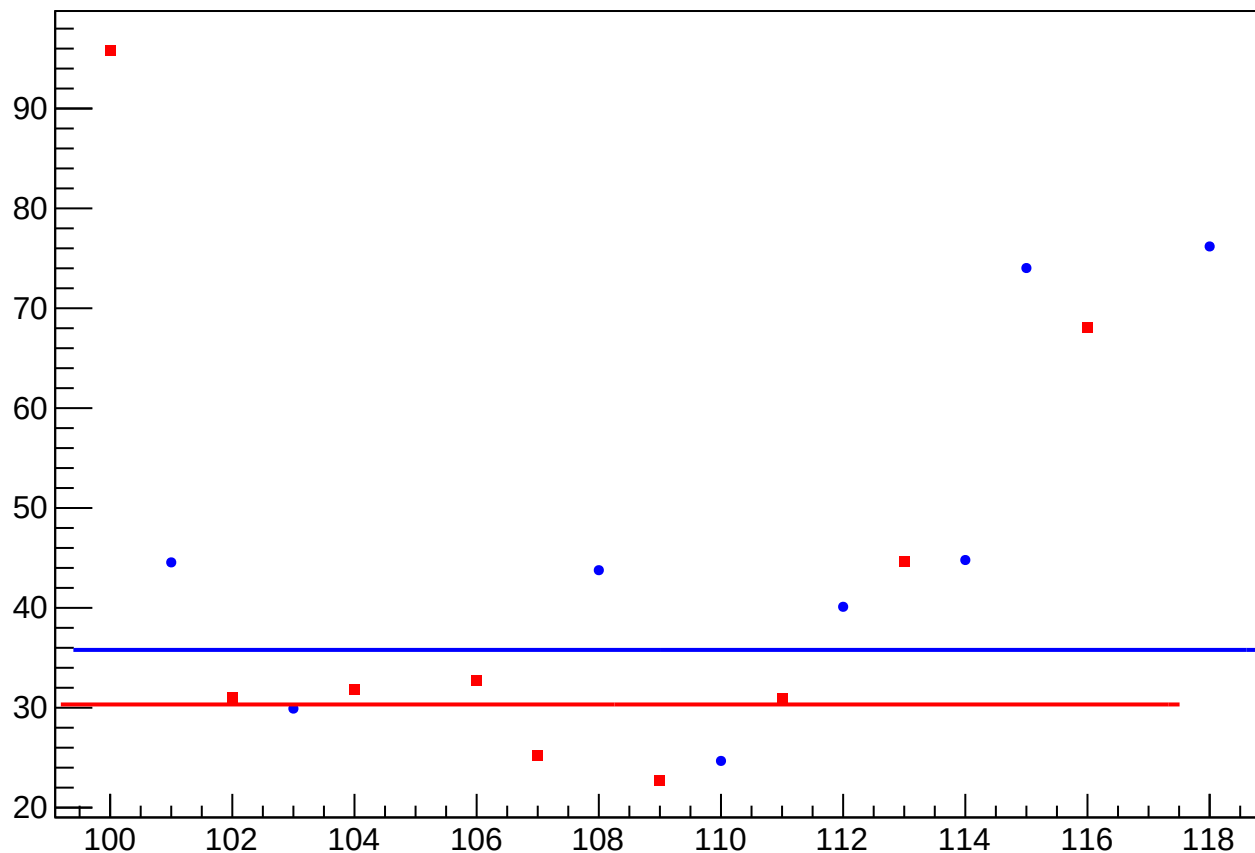
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.014 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



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: 30.328+/-0.012 χ^2/NDF : 423360.9/8

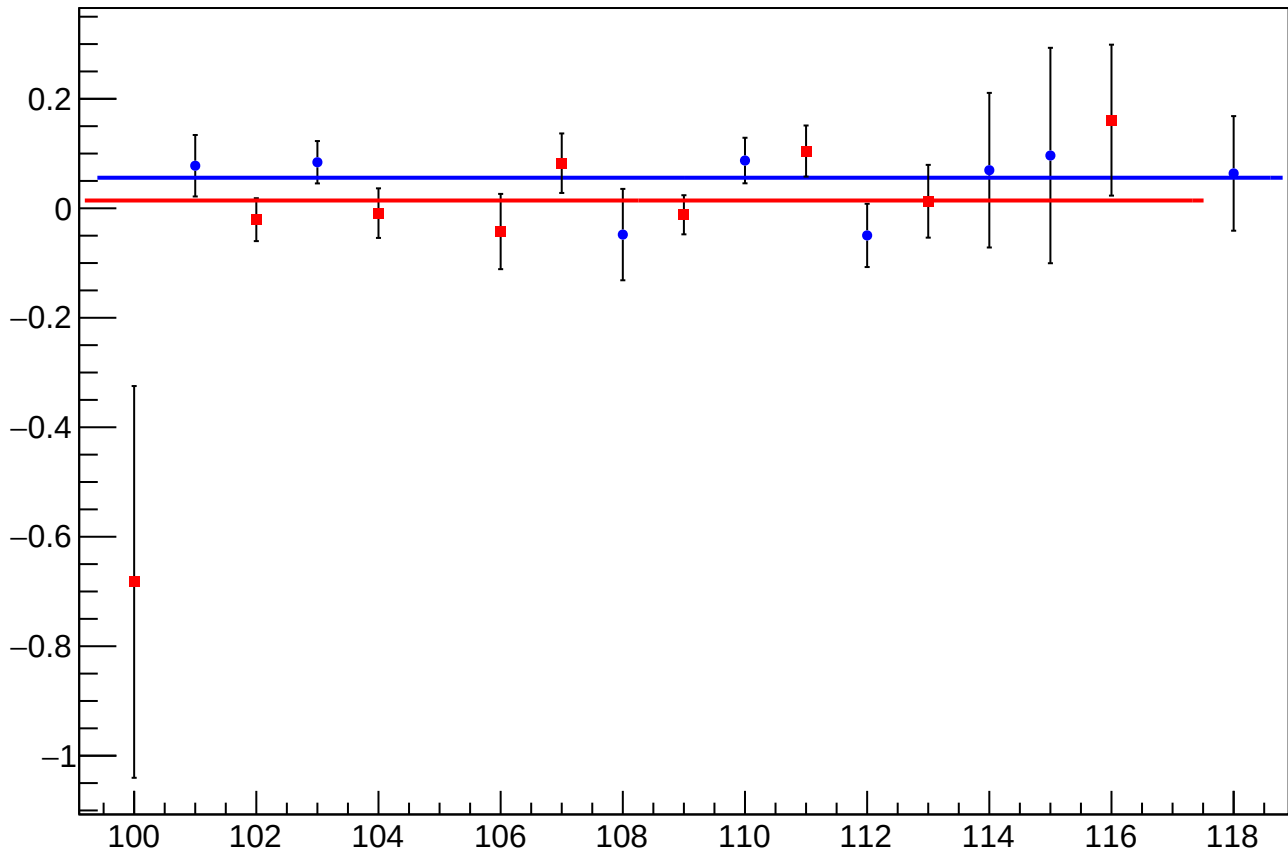
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.530+/-0.010 χ^2/NDF : 1149406.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.056 $\pm$ 0.021 χ^2 /NDF: 6.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.018 χ^2 /NDF: 12.5/8

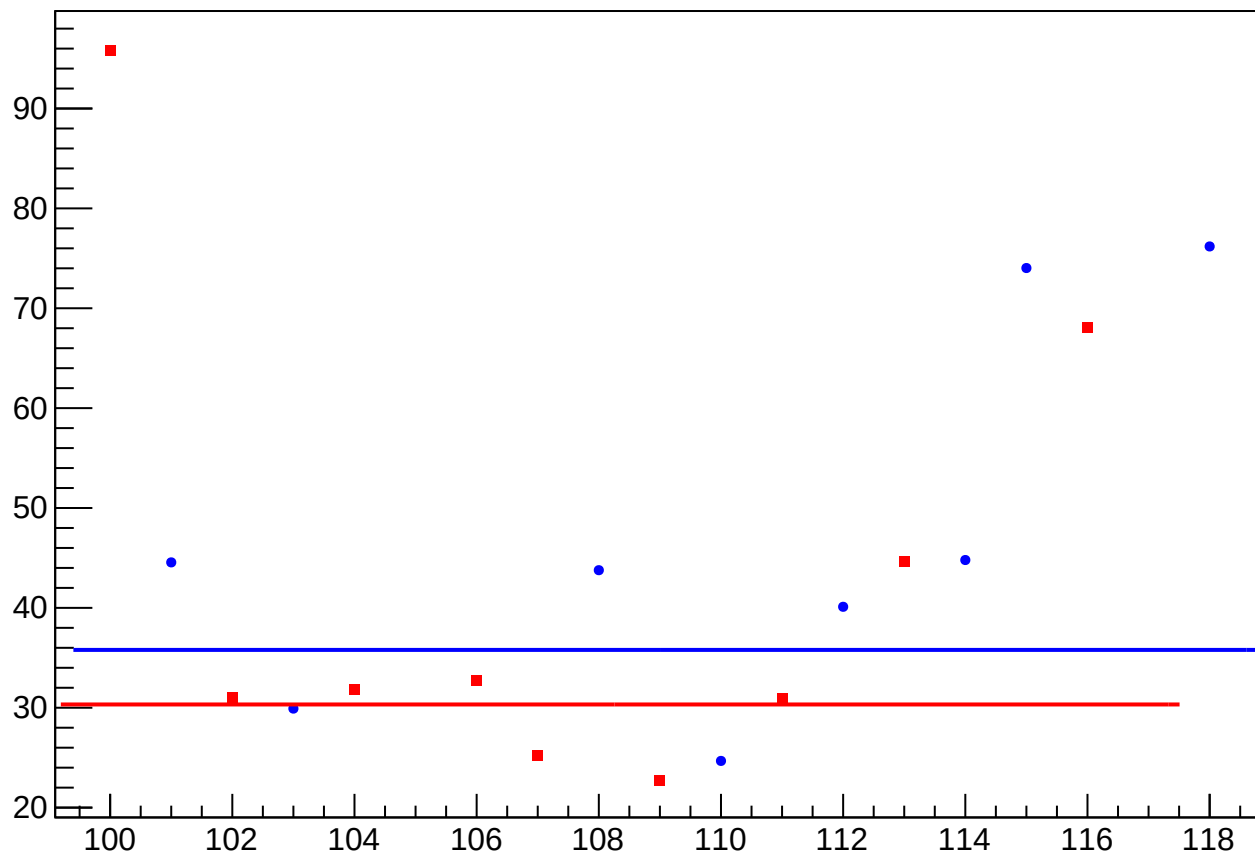
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.014 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.791 $\pm$ 0.015 χ^2 /NDF: 648618.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.328 $\pm$ 0.012 χ^2 /NDF: 423360.9/8

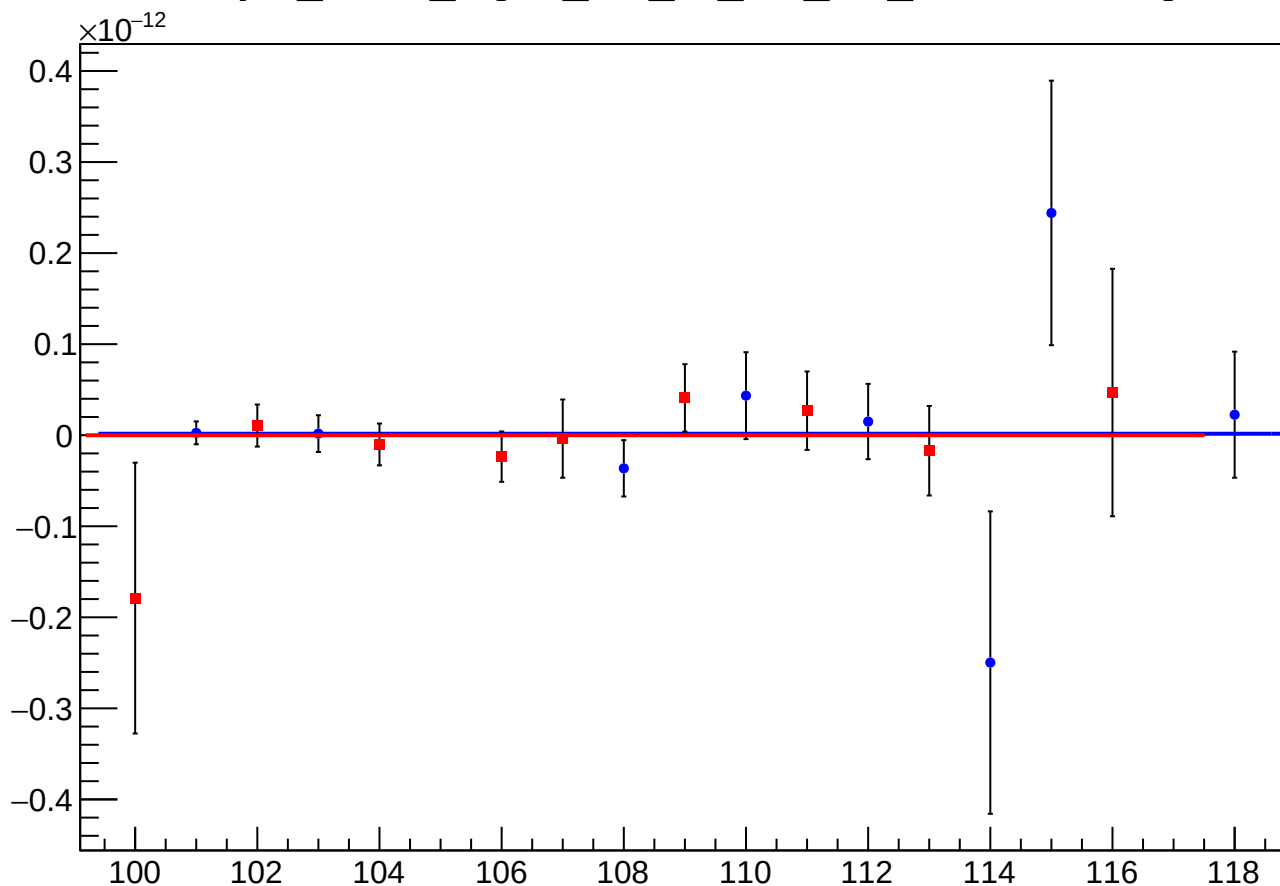
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.530 $\pm$ 0.010 χ^2 /NDF: 1149406.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug



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 : 4.4/8

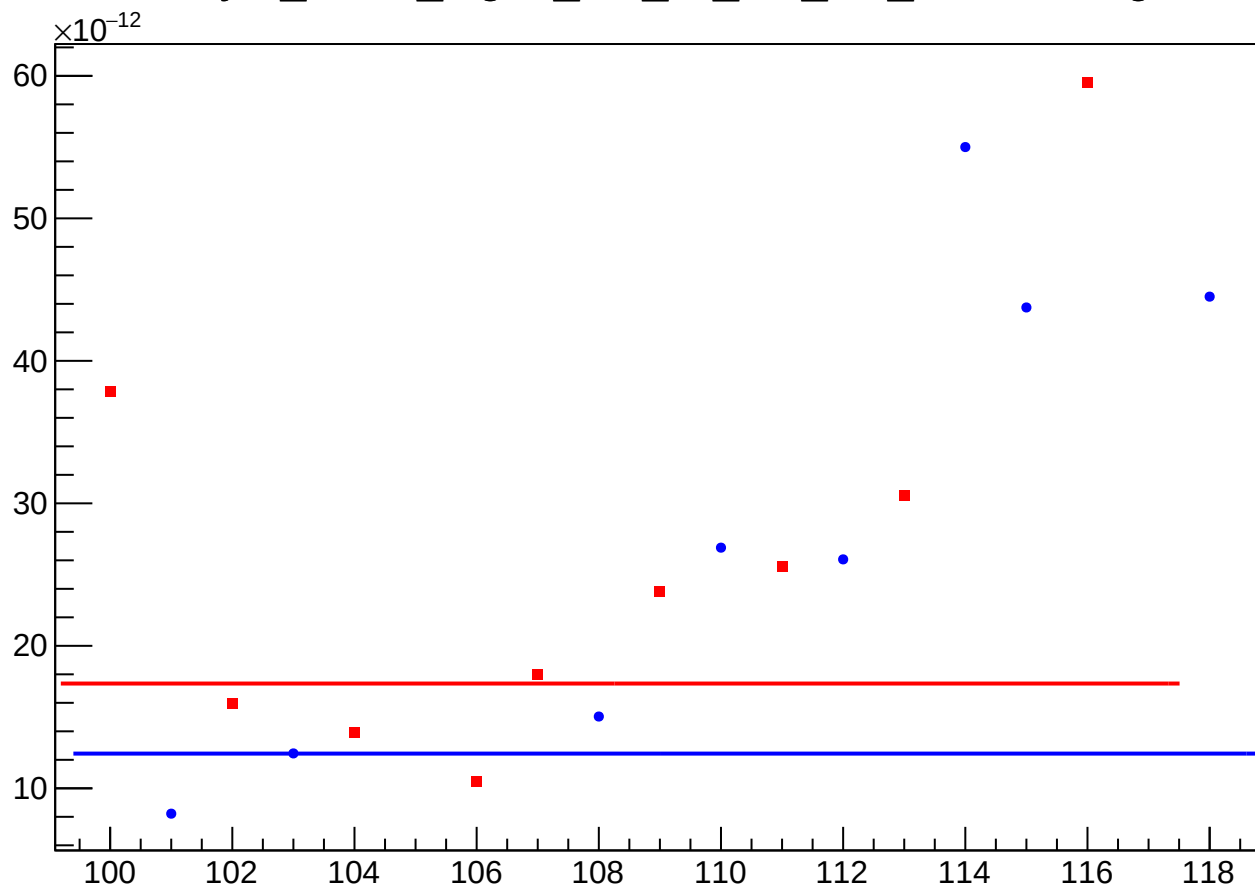
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug



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 : 683521.6/8

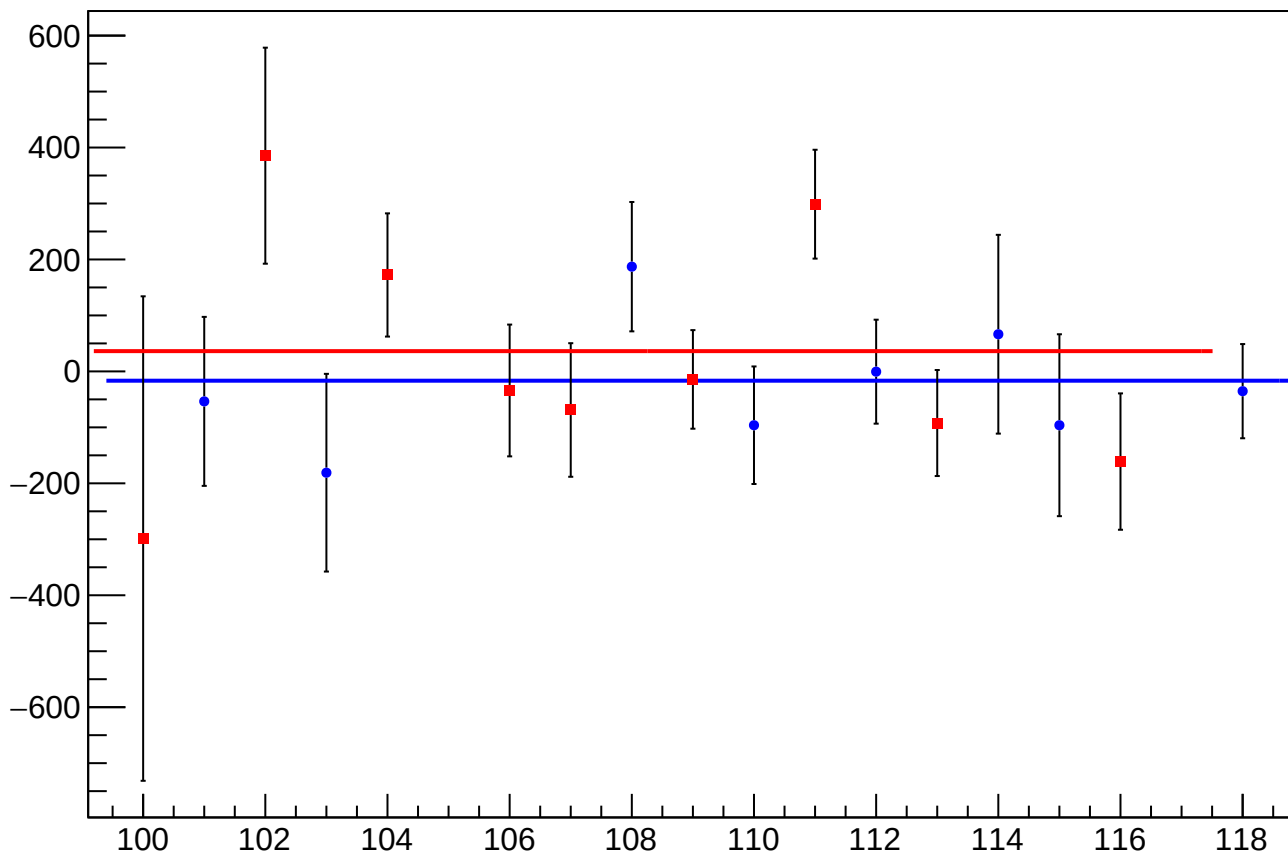
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2192525.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



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: 36.207 $\pm$ 38.618 χ^2 /NDF: 18.6/8

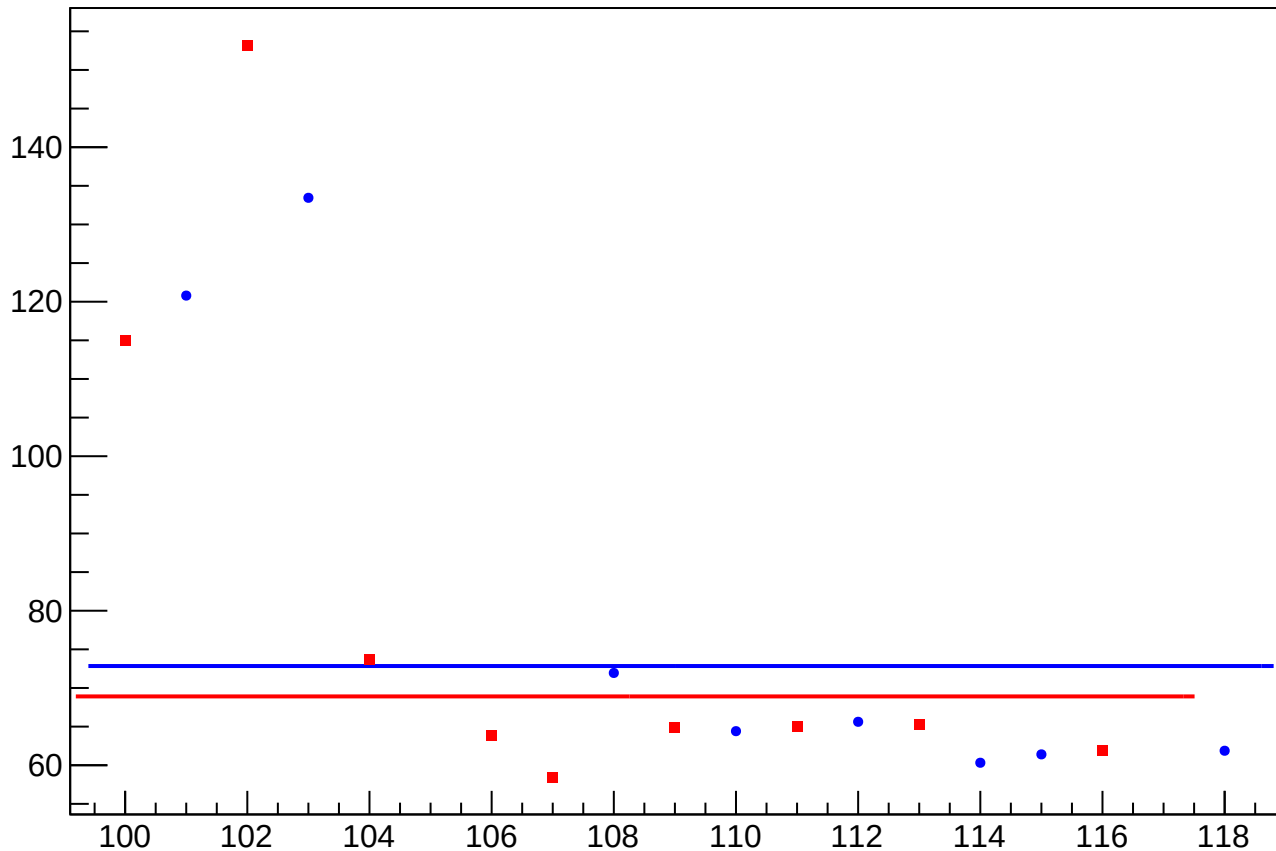
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.976 $\pm$ 28.413 χ^2 /NDF: 24.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_rms vs Slug



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: 68.908 $\pm$ 0.027 χ^2 /NDF: 443054.6/8

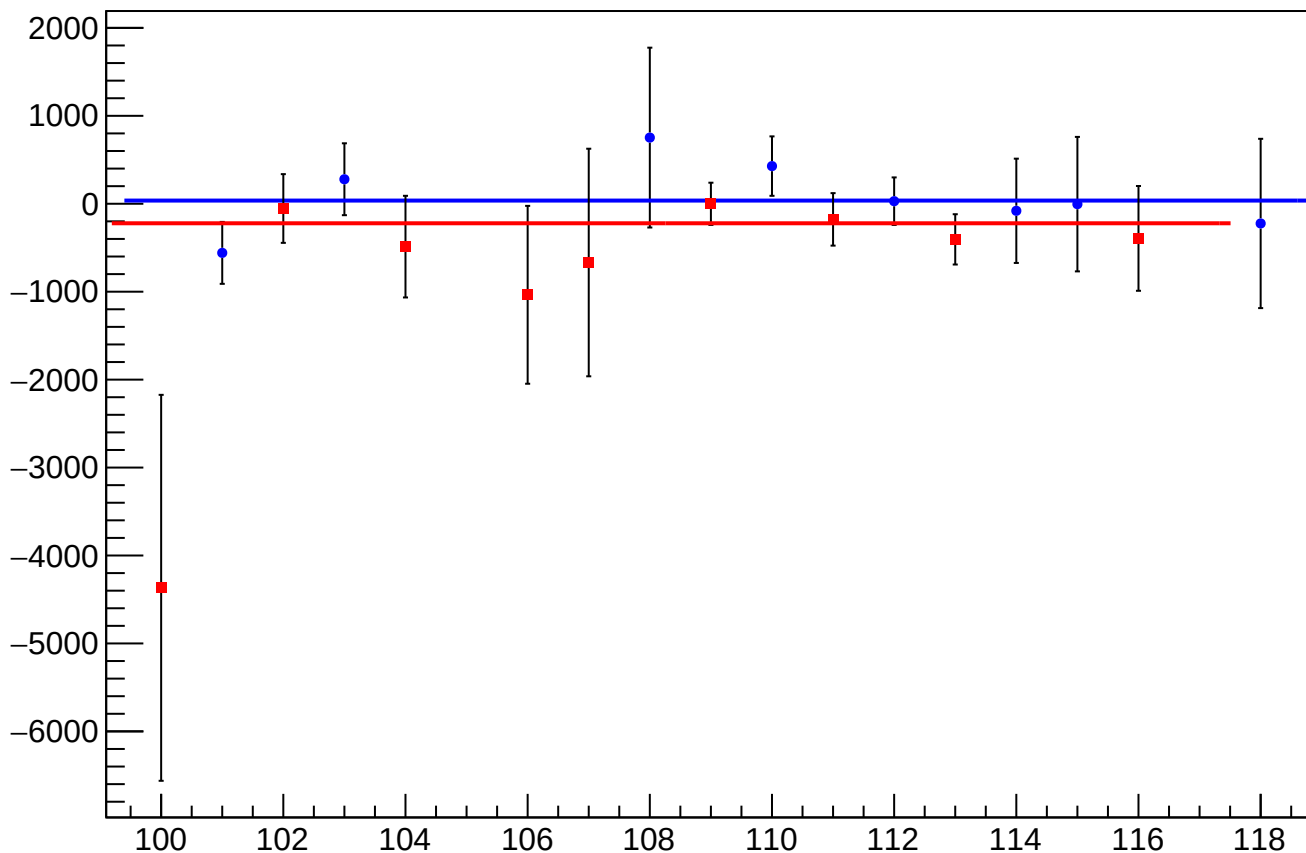
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.712 $\pm$ 0.020 χ^2 /NDF: 968665.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



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: -221.943+/-134.901 χ^2/NDF : 6.1/8

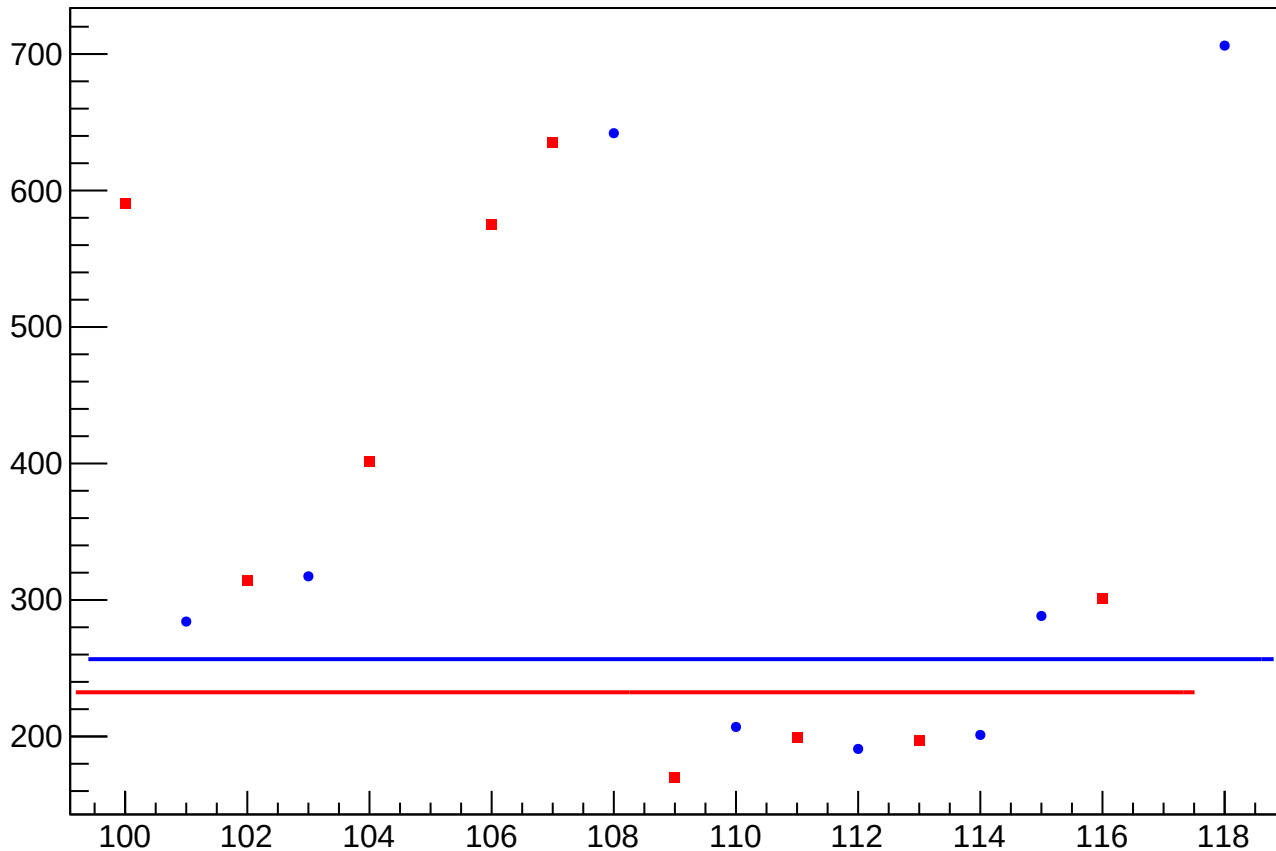
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.468+/-100.993 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 256.638 $\pm$ 0.108 χ^2 /NDF: 959162.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 232.364 $\pm$ 0.095 χ^2 /NDF: 952918.4/8

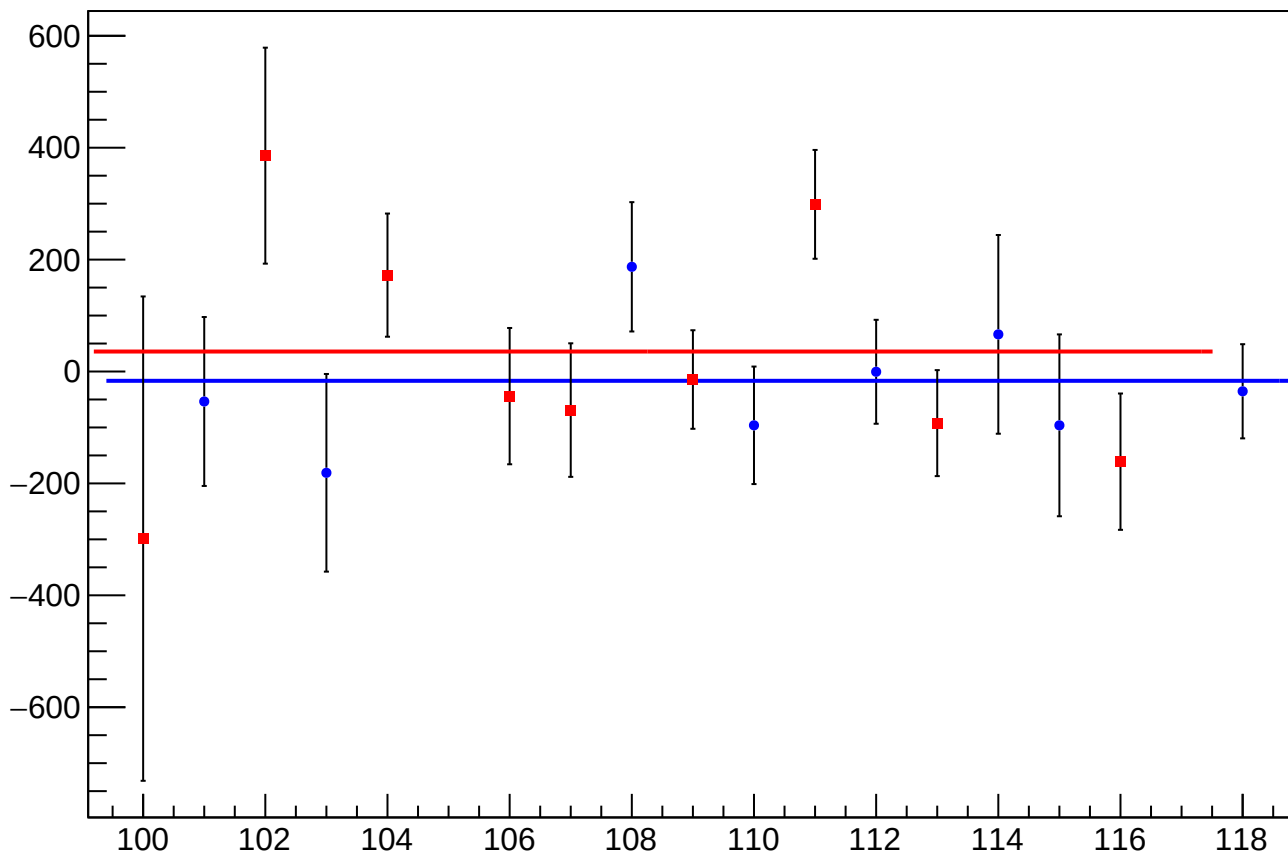
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 243.033 $\pm$ 0.071 χ^2 /NDF: 1940542.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam7_mean vs Slug



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: 35.711 $\pm$ 38.755 χ^2 /NDF: 18.7/8

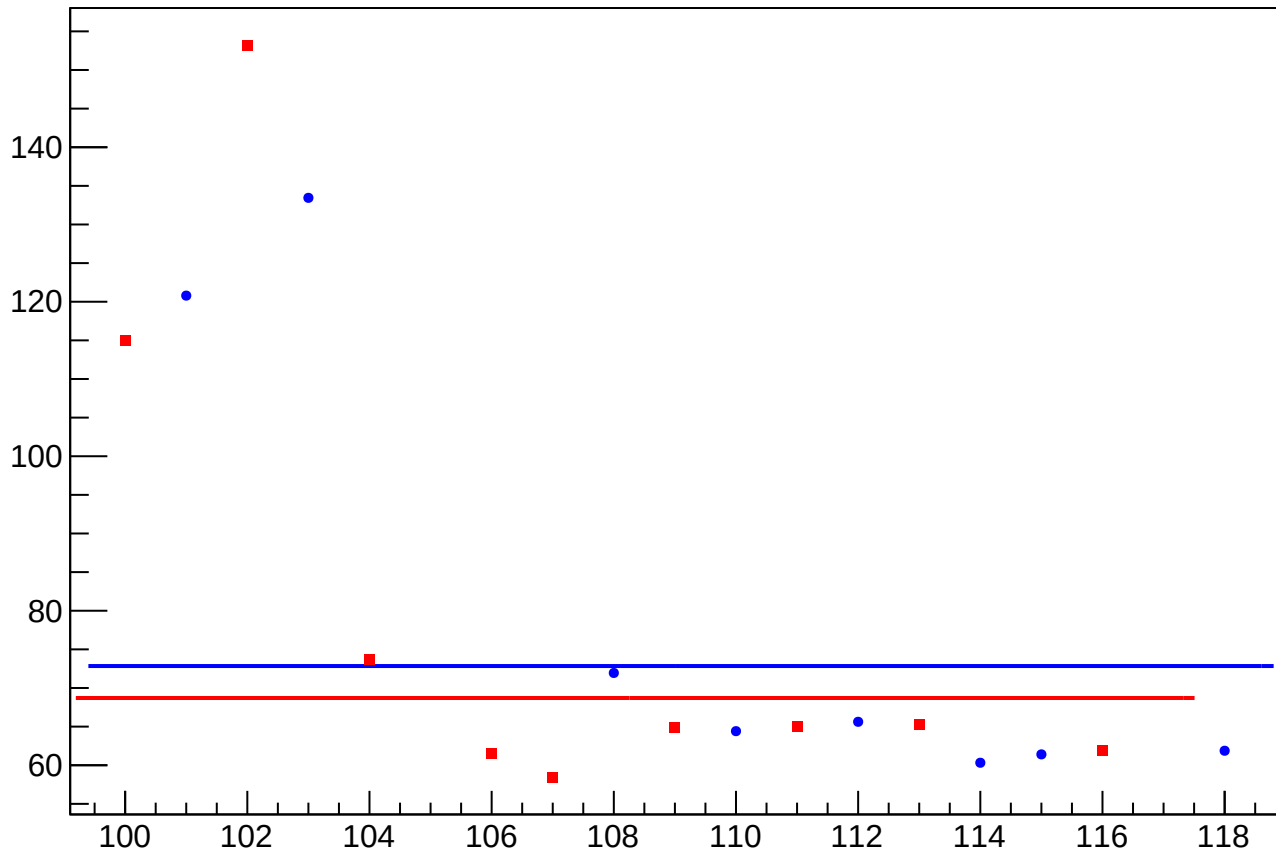
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.612 $\pm$ 28.468 χ^2 /NDF: 24.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam7_rms vs Slug



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: 68.705 $\pm$ 0.027 χ^2 /NDF: 446717.6/8

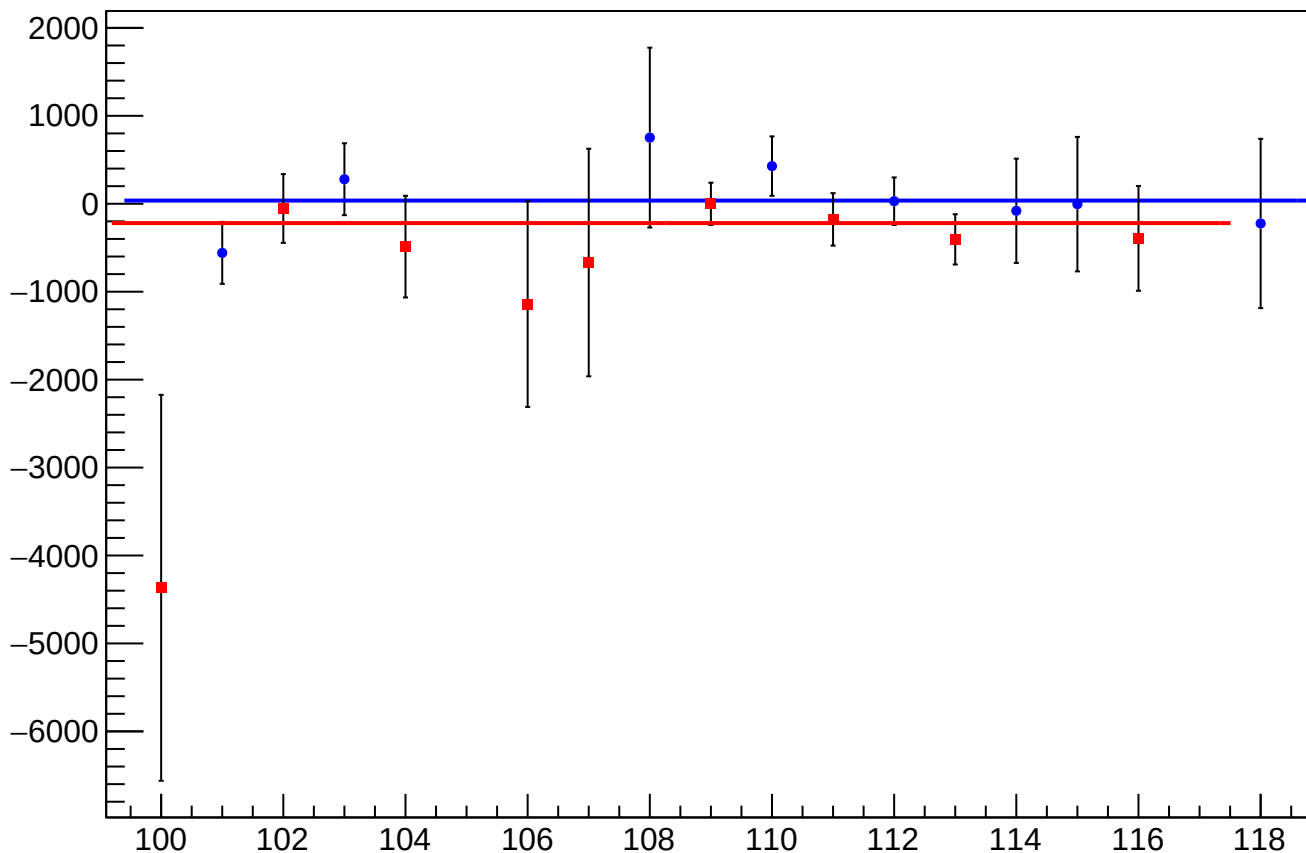
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.610 $\pm$ 0.020 χ^2 /NDF: 973304.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_mean vs Slug



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: -219.700 $\pm$ 135.213 χ^2 /NDF: 6.1/8

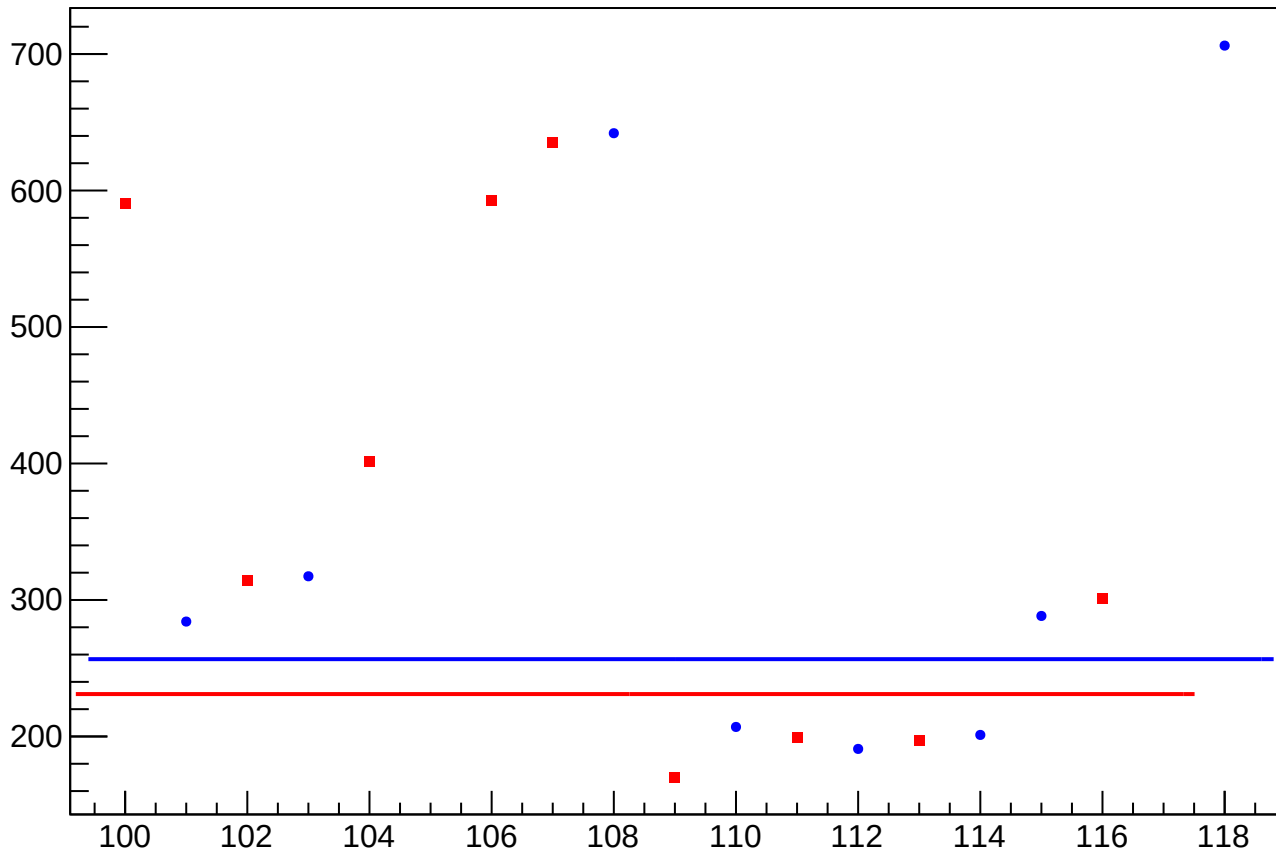
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -106.919 $\pm$ 101.124 χ^2 /NDF: 12.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 256.640 $\pm$ 0.108 χ^2 /NDF: 959187.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.067 $\pm$ 0.096 χ^2 /NDF: 913425.9/8

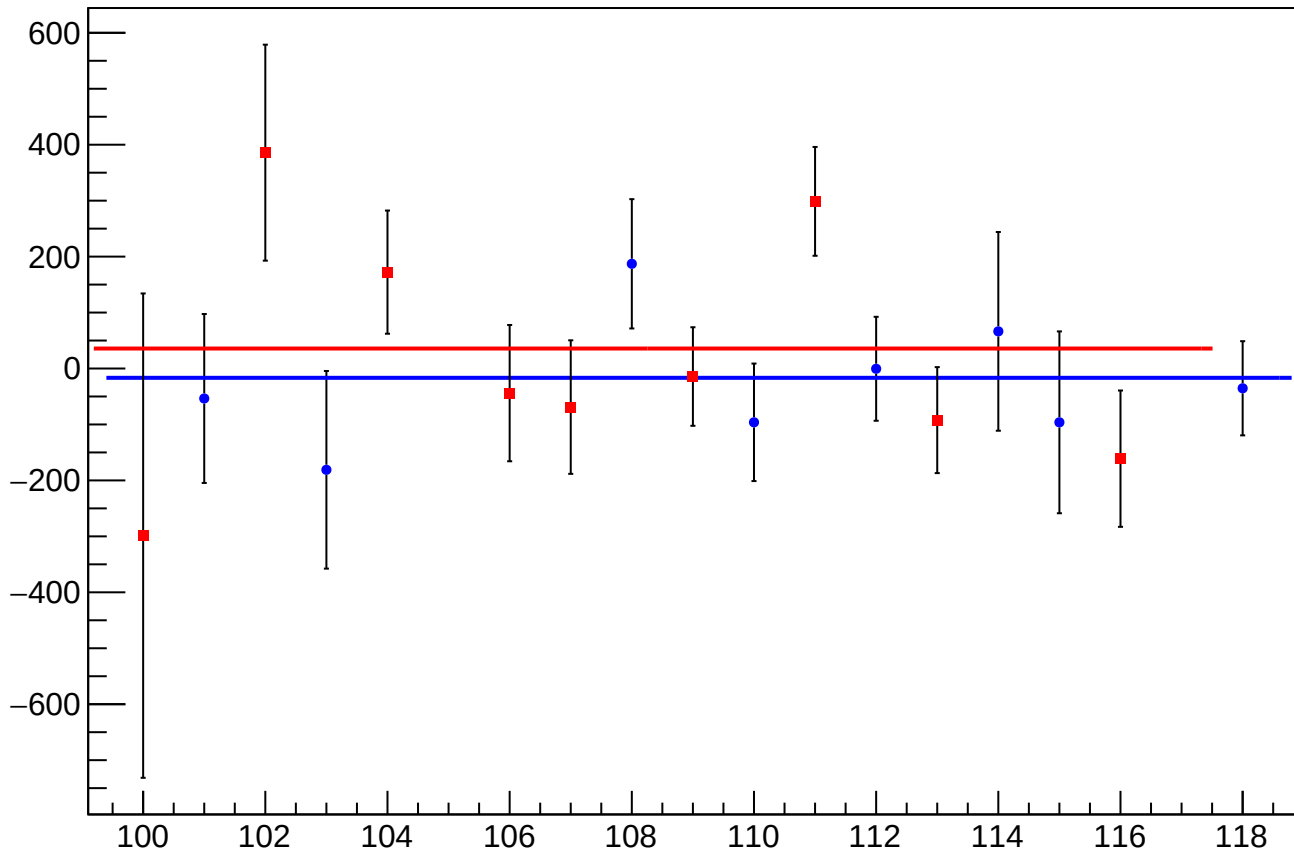
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 242.336 $\pm$ 0.072 χ^2 /NDF: 1904140.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_mean vs Slug



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: 35.711 $\pm$ 38.755 χ^2 /NDF: 18.7/8

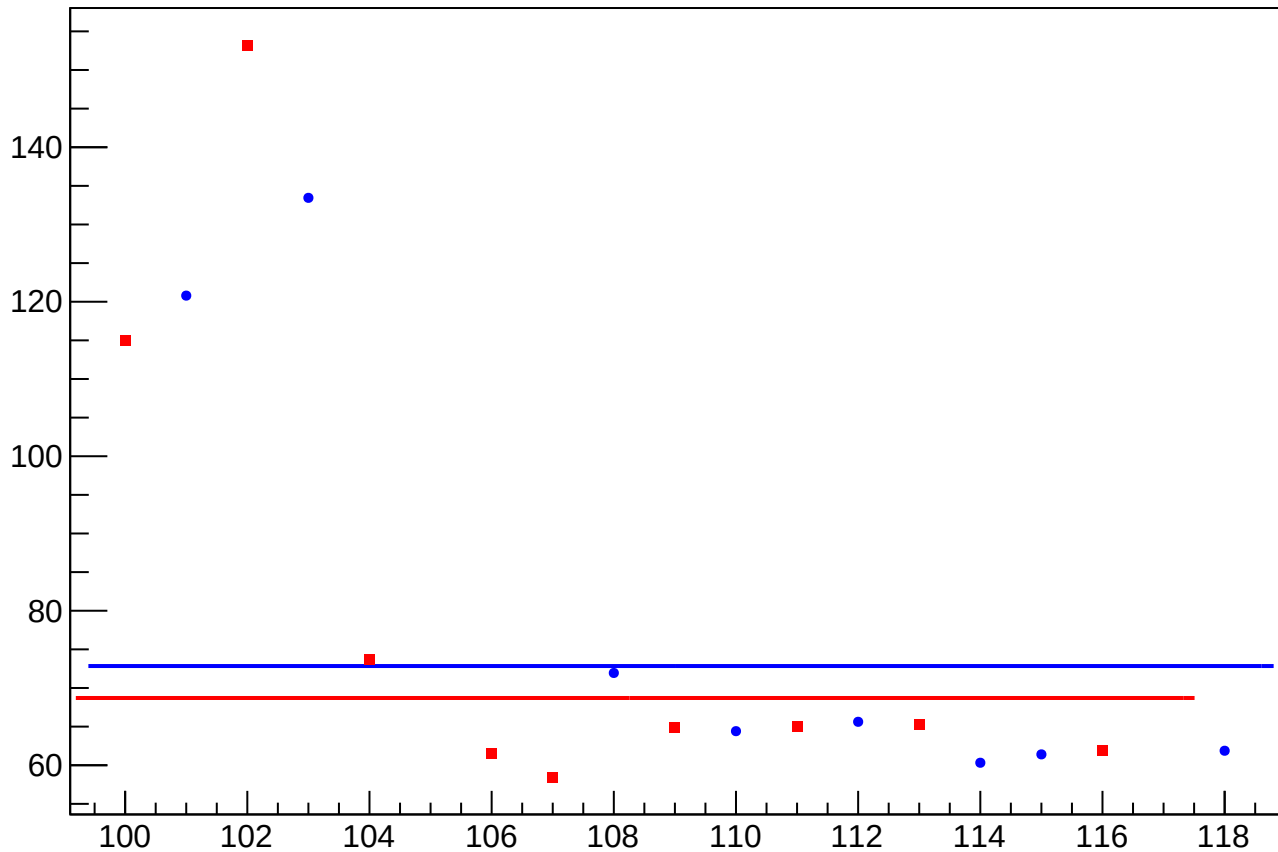
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.612 $\pm$ 28.468 χ^2 /NDF: 24.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_rms vs Slug



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: 68.705 $\pm$ 0.027 χ^2 /NDF: 446717.6/8

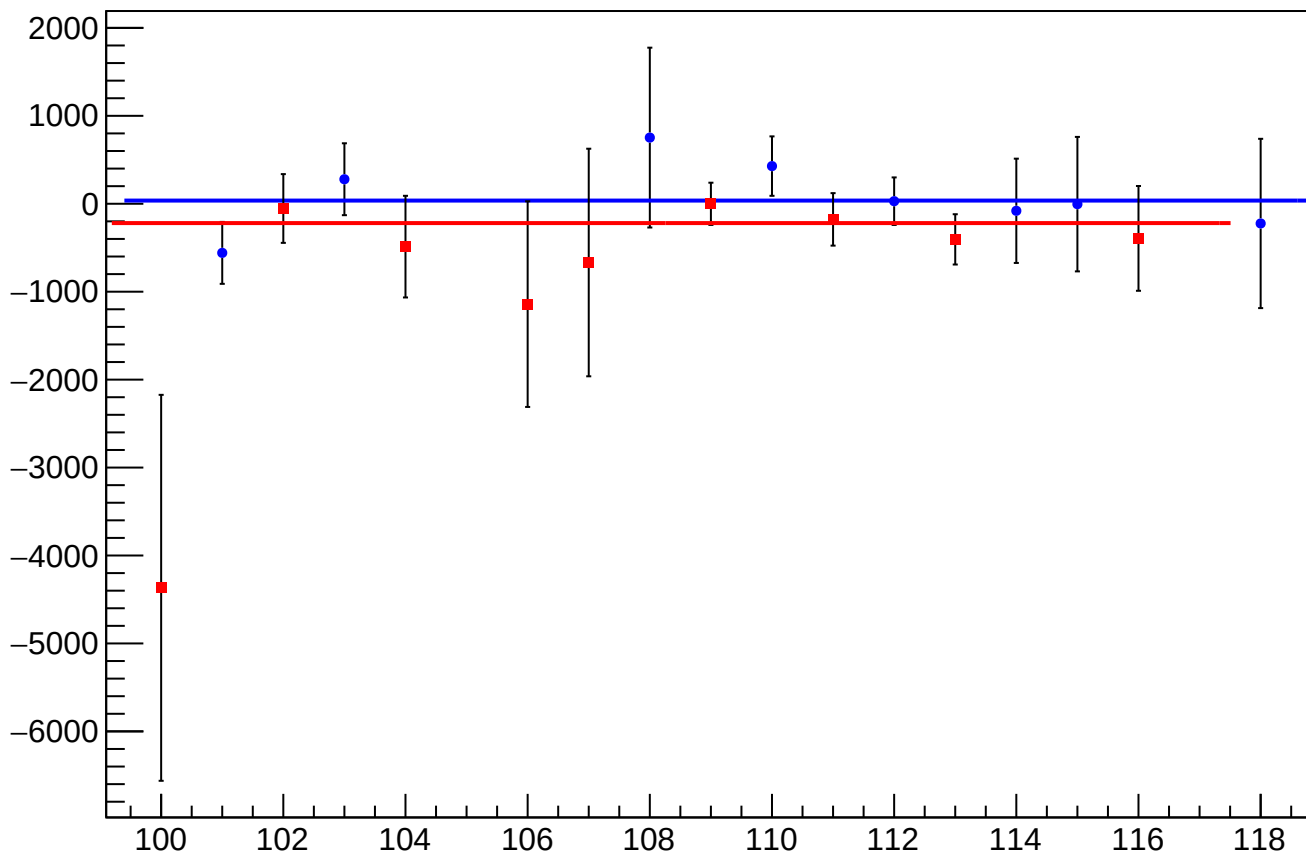
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.610 $\pm$ 0.020 χ^2 /NDF: 973304.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



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: -219.700+/-135.213 χ^2/NDF : 6.1/8

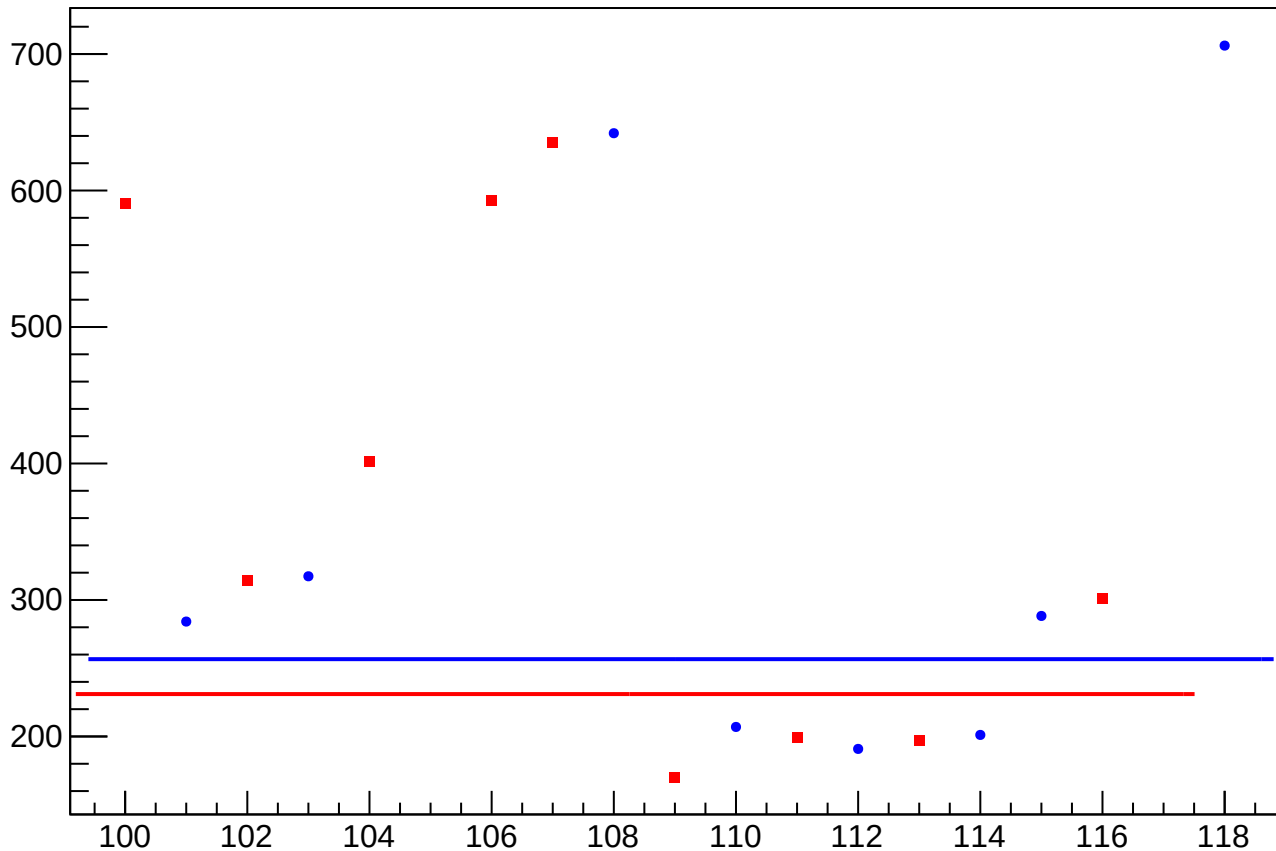
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.919+/-101.124 χ^2/NDF : 12.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 256.640 $\pm$ 0.108 χ^2 /NDF: 959187.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.067 $\pm$ 0.096 χ^2 /NDF: 913425.9/8

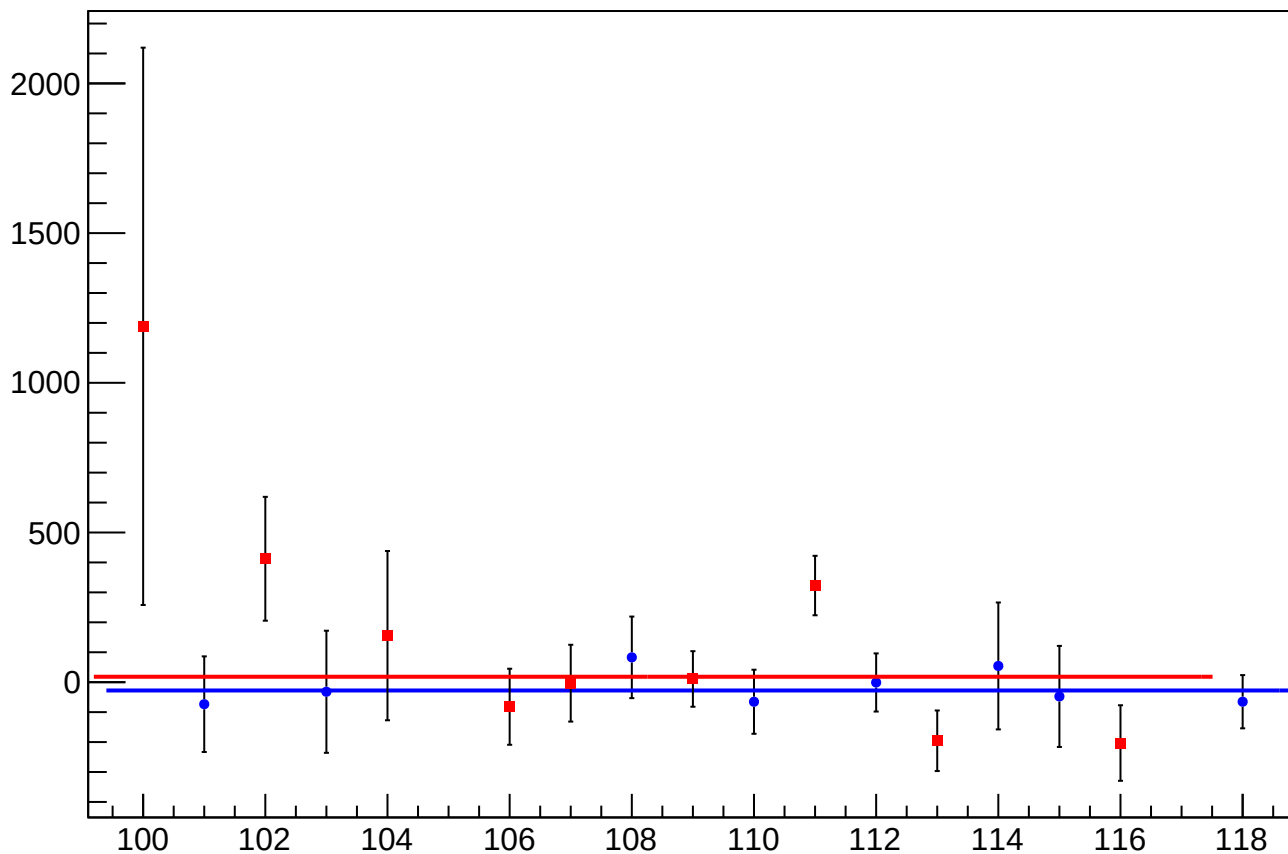
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 242.336 $\pm$ 0.072 χ^2 /NDF: 1904140.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam7_mean vs Slug



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: 18.213 ± 43.118 χ^2/NDF : 23.1/8

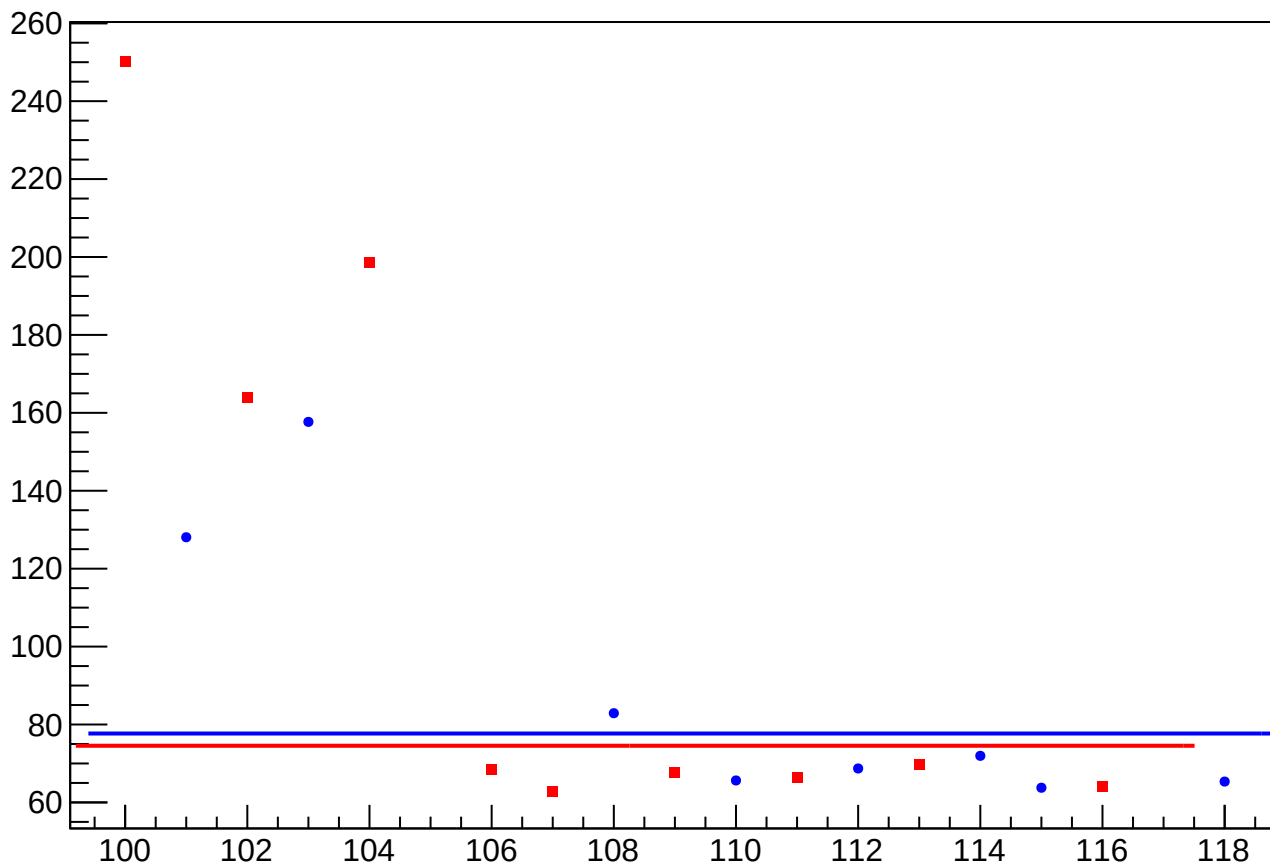
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.774 ± 31.125 χ^2/NDF : 24.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_rms vs Slug



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: 74.545+/-0.030 χ^2/NDF : 894048.3/8

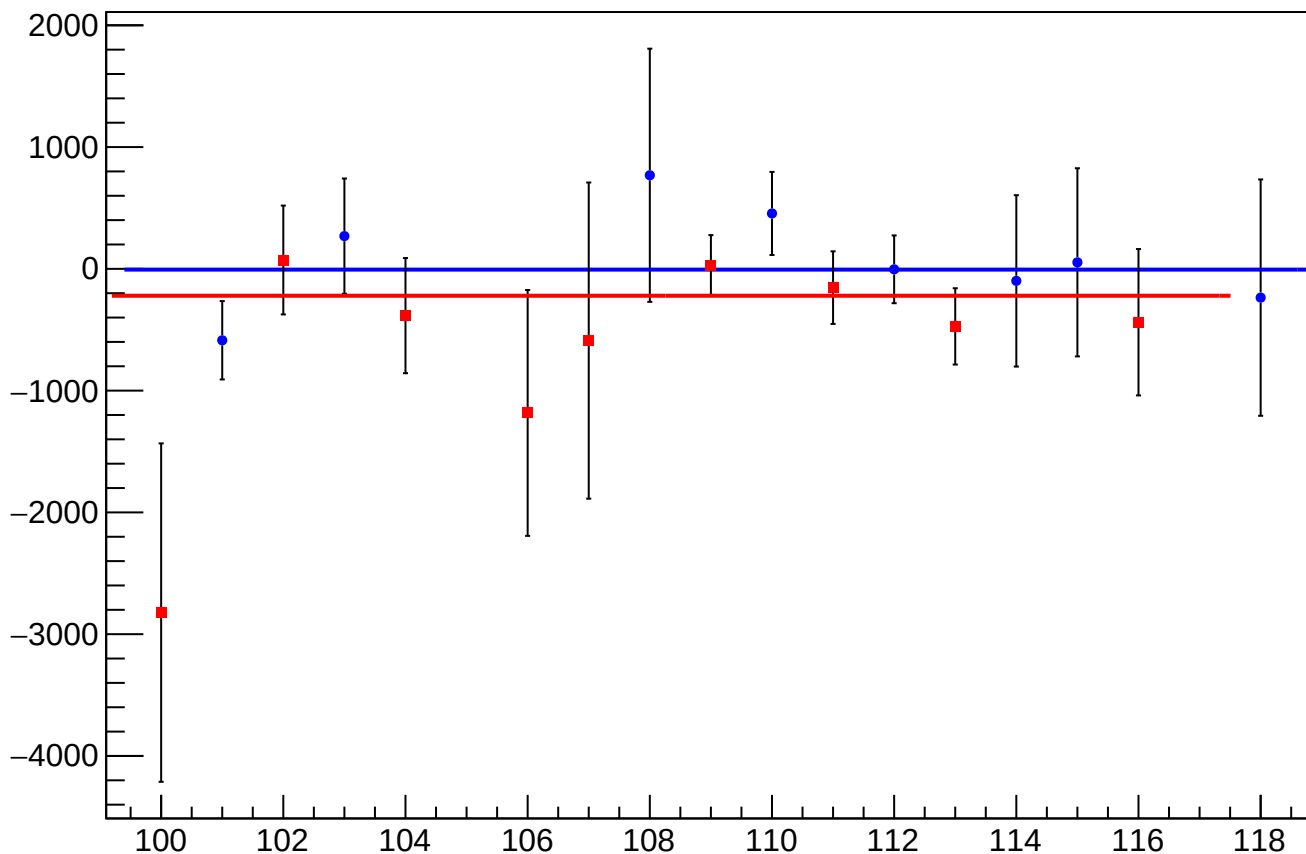
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.049+/-0.022 χ^2/NDF : 1504744.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_mean vs Slug



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: -220.861+/-138.168 χ^2/NDF : 6.9/8

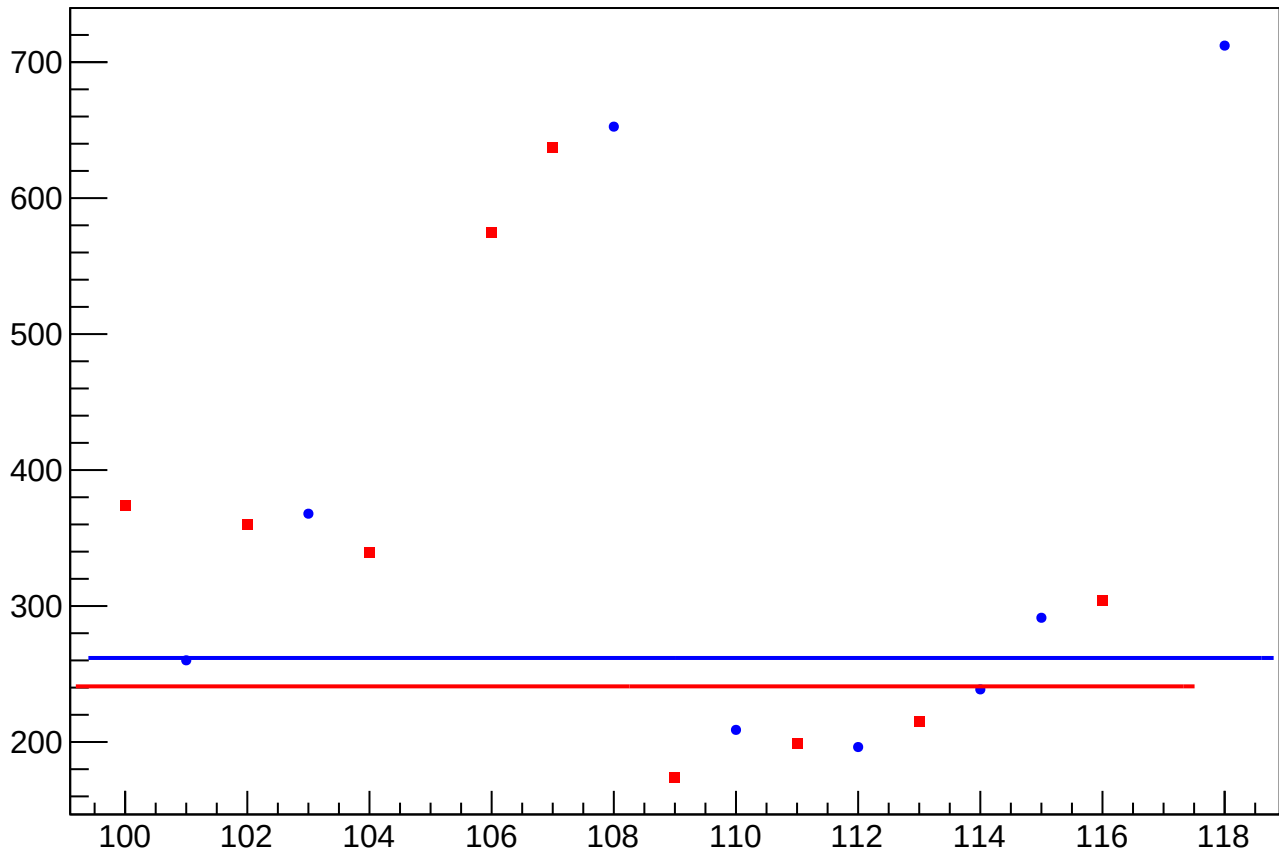
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.205+/-103.300 χ^2/NDF : 14.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 261.799 $\pm$ 0.110 χ^2 /NDF: 978142.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.915 $\pm$ 0.098 χ^2 /NDF: 875969.0/8

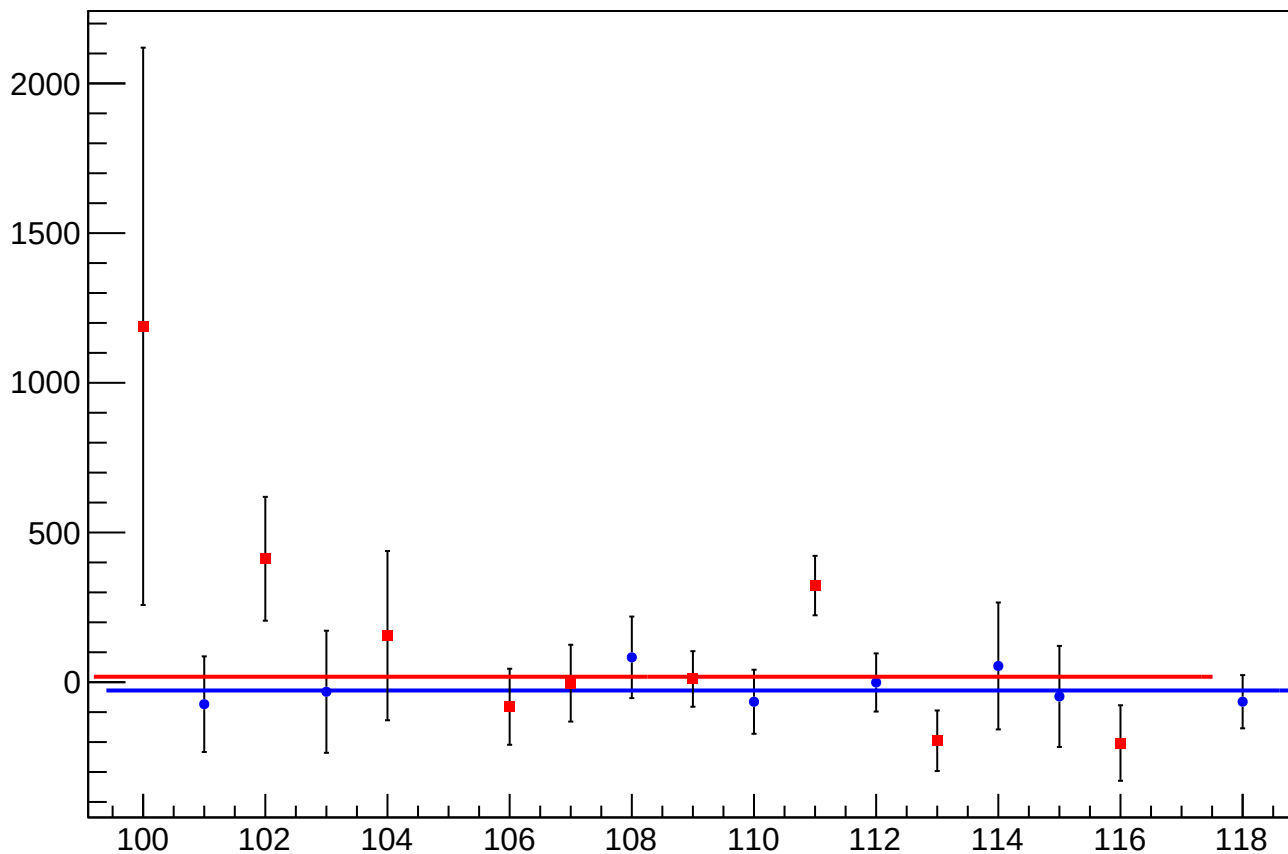
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 250.125 $\pm$ 0.073 χ^2 /NDF: 1874262.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_mean vs Slug



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: 18.214 $\pm$ 43.118 χ^2 /NDF: 23.1/8

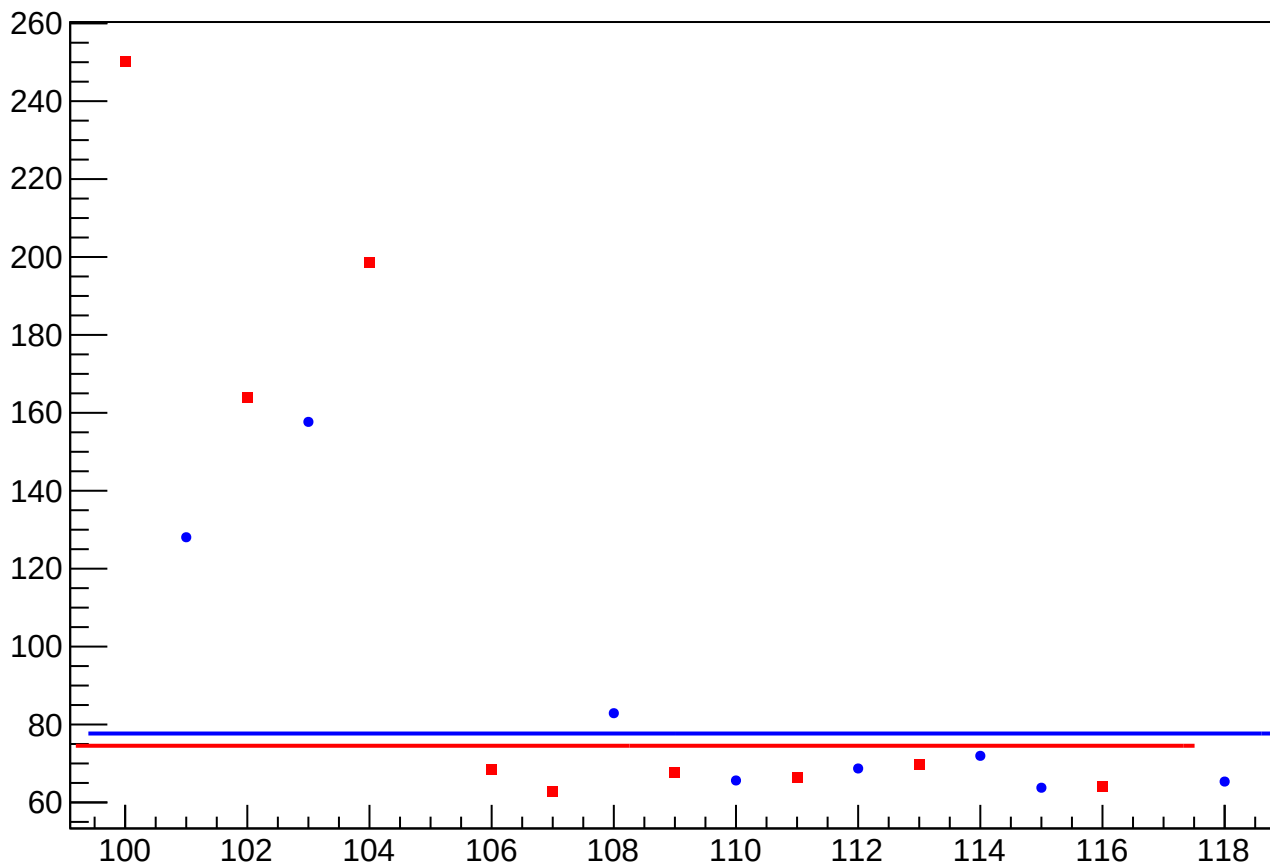
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.774 $\pm$ 31.125 χ^2 /NDF: 24.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_rms vs Slug



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: 74.544+/-0.030 χ^2/NDF : 894049.0/8

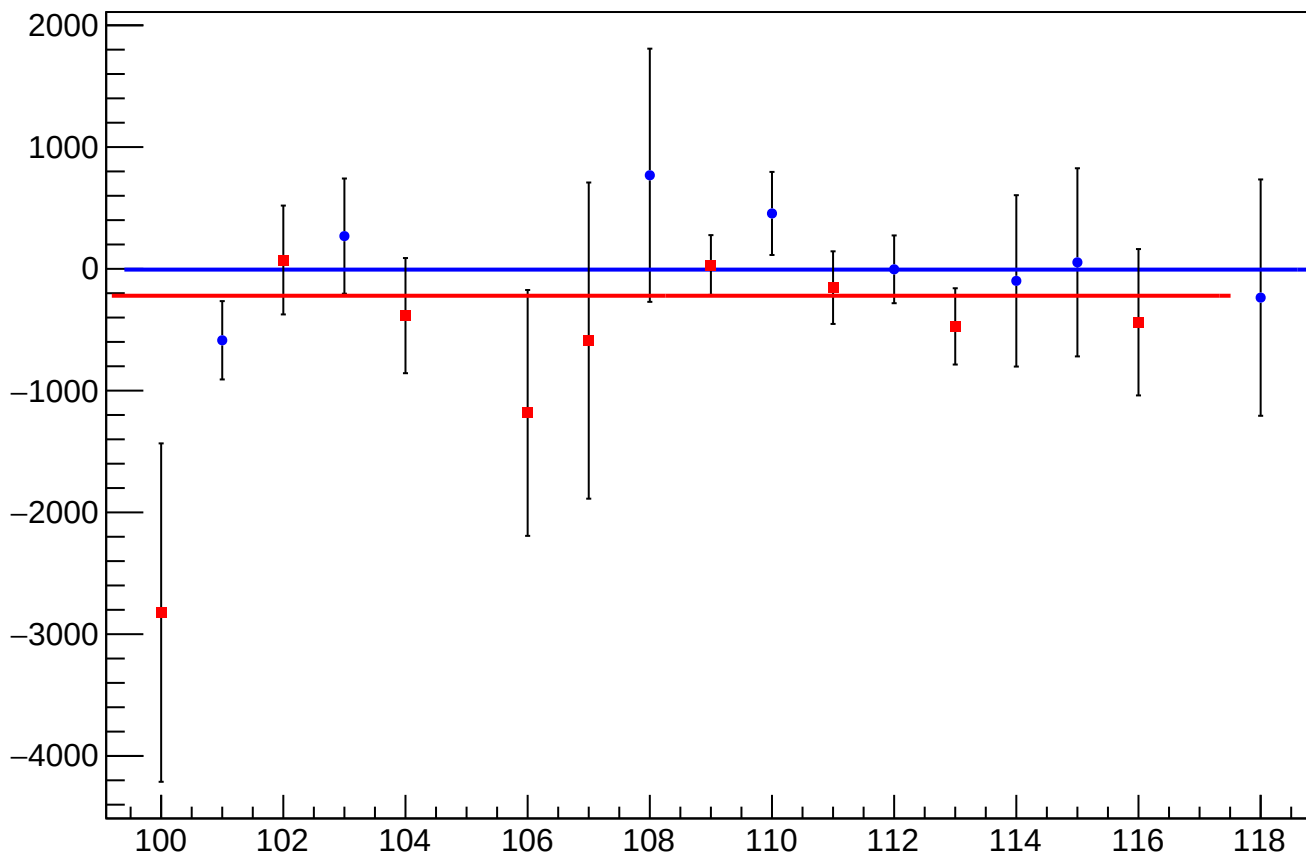
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.049+/-0.022 χ^2/NDF : 1504748.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -6.237 $\pm$ 155.548 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -220.859 $\pm$ 138.168 χ^2 /NDF: 6.9/8

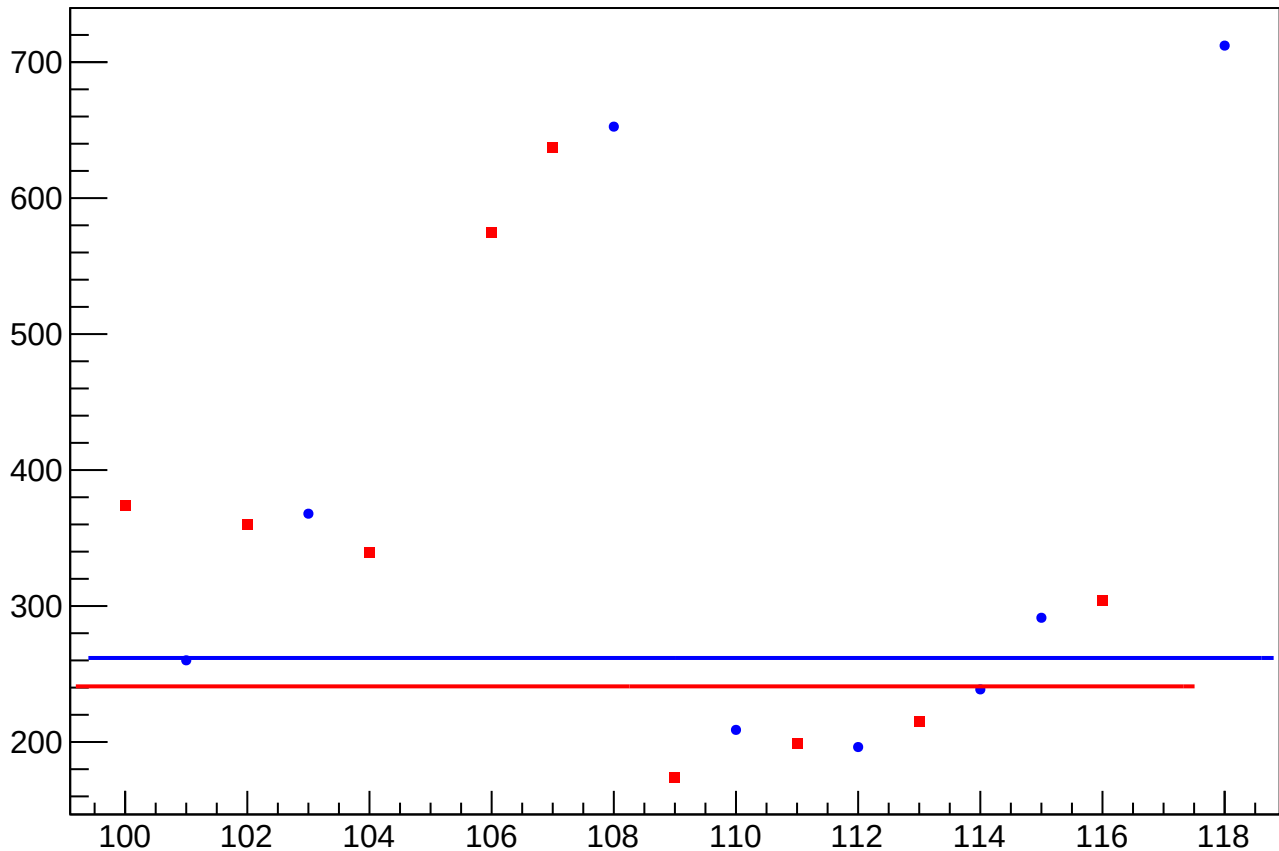
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.204 $\pm$ 103.300 χ^2 /NDF: 14.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 261.796 $\pm$ 0.110 χ^2 /NDF: 978156.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.914 $\pm$ 0.098 χ^2 /NDF: 875973.4/8

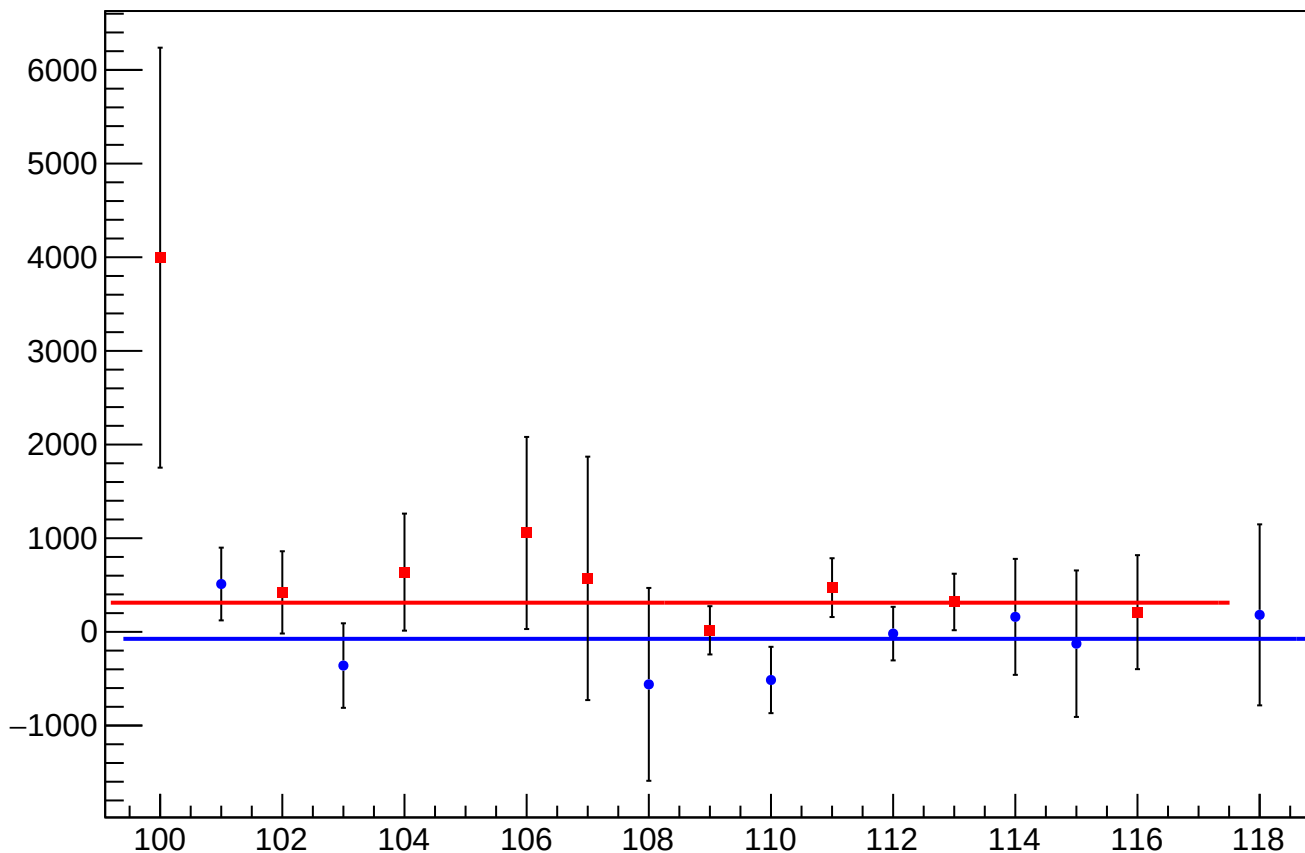
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 250.123 $\pm$ 0.073 χ^2 /NDF: 1874279.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: -74.398 $\pm$ 162.226 χ^2 /NDF: 4.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 311.568 $\pm$ 143.768 χ^2 /NDF: 5.2/8

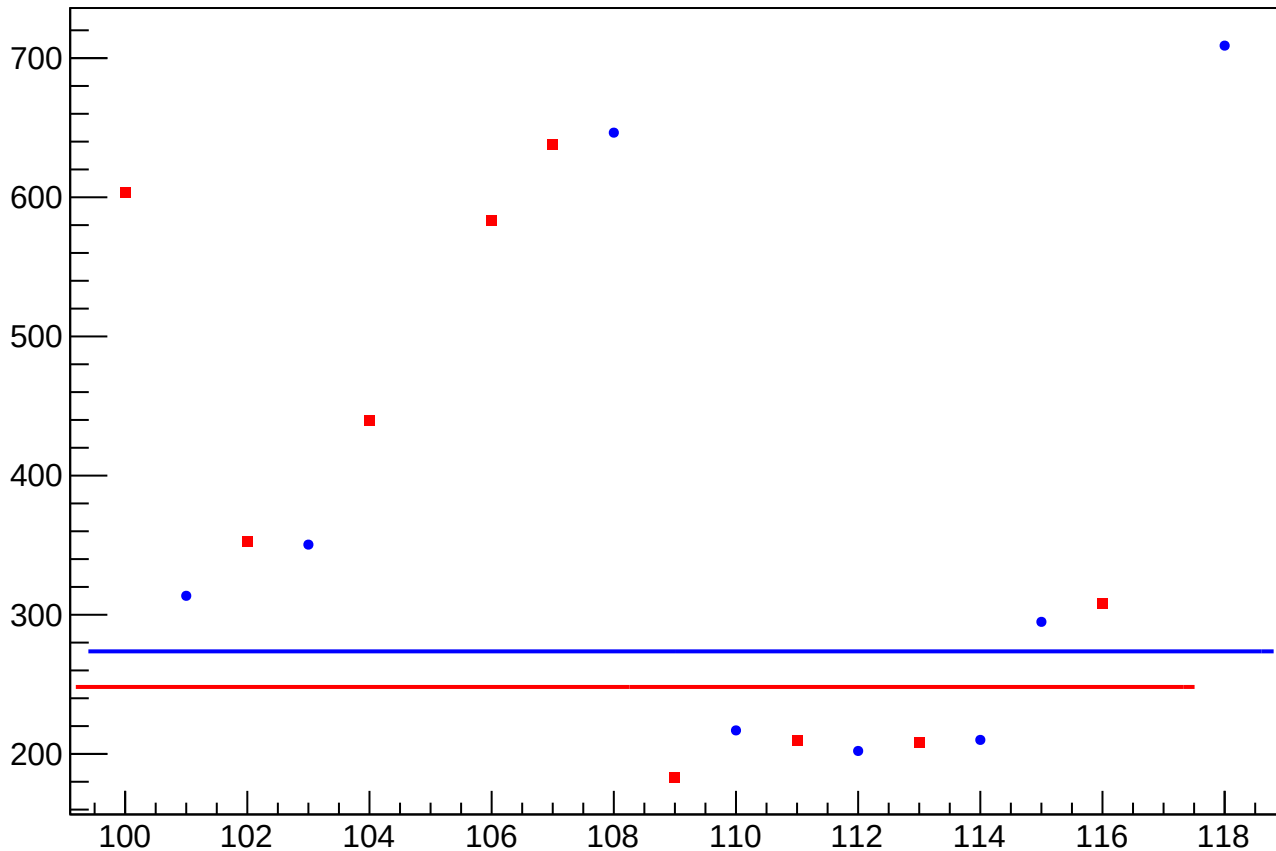
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 141.783 $\pm$ 107.596 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_rms vs Slug



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: 248.128 $\pm$ 0.102 χ^2 /NDF: 956166.1/8

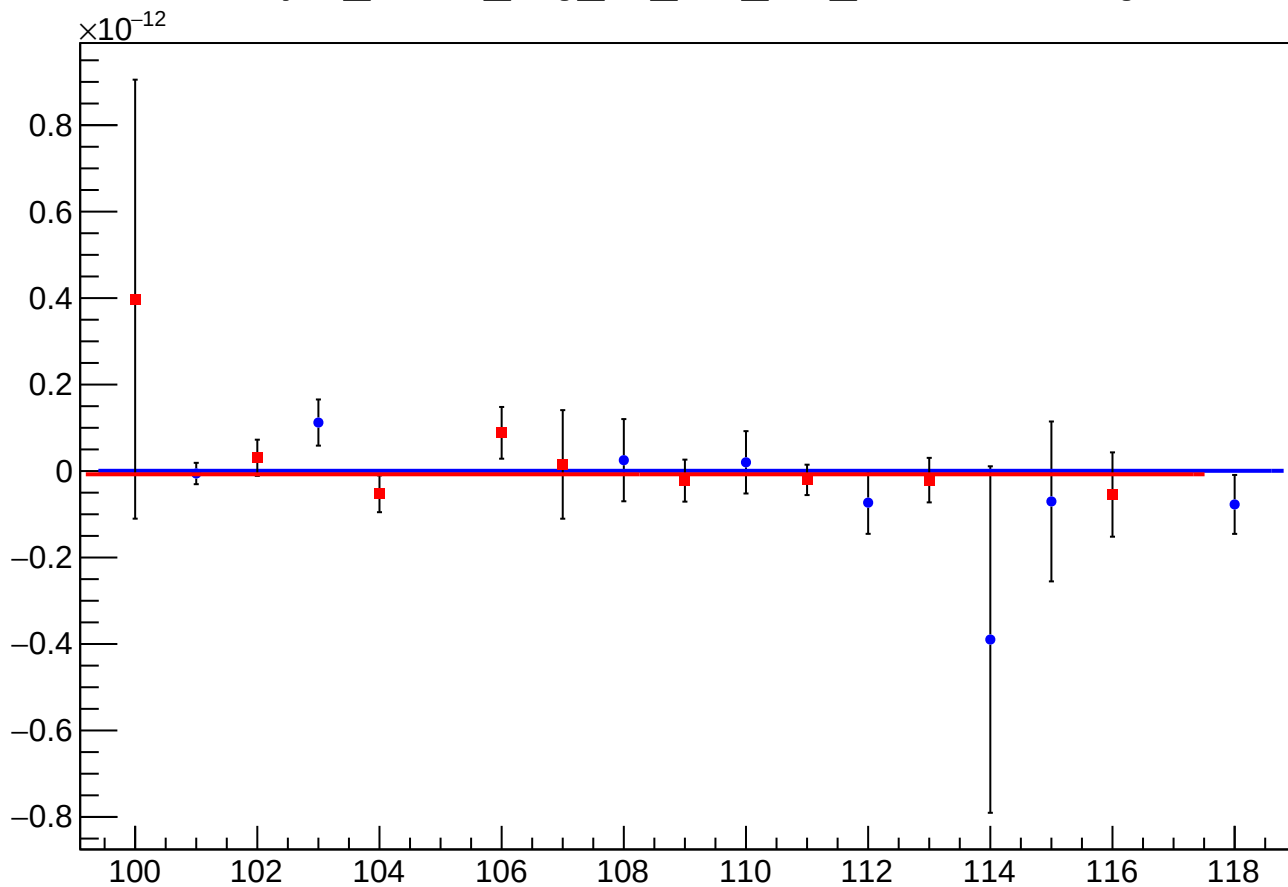
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.378 $\pm$ 0.076 χ^2 /NDF: 1930032.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/8

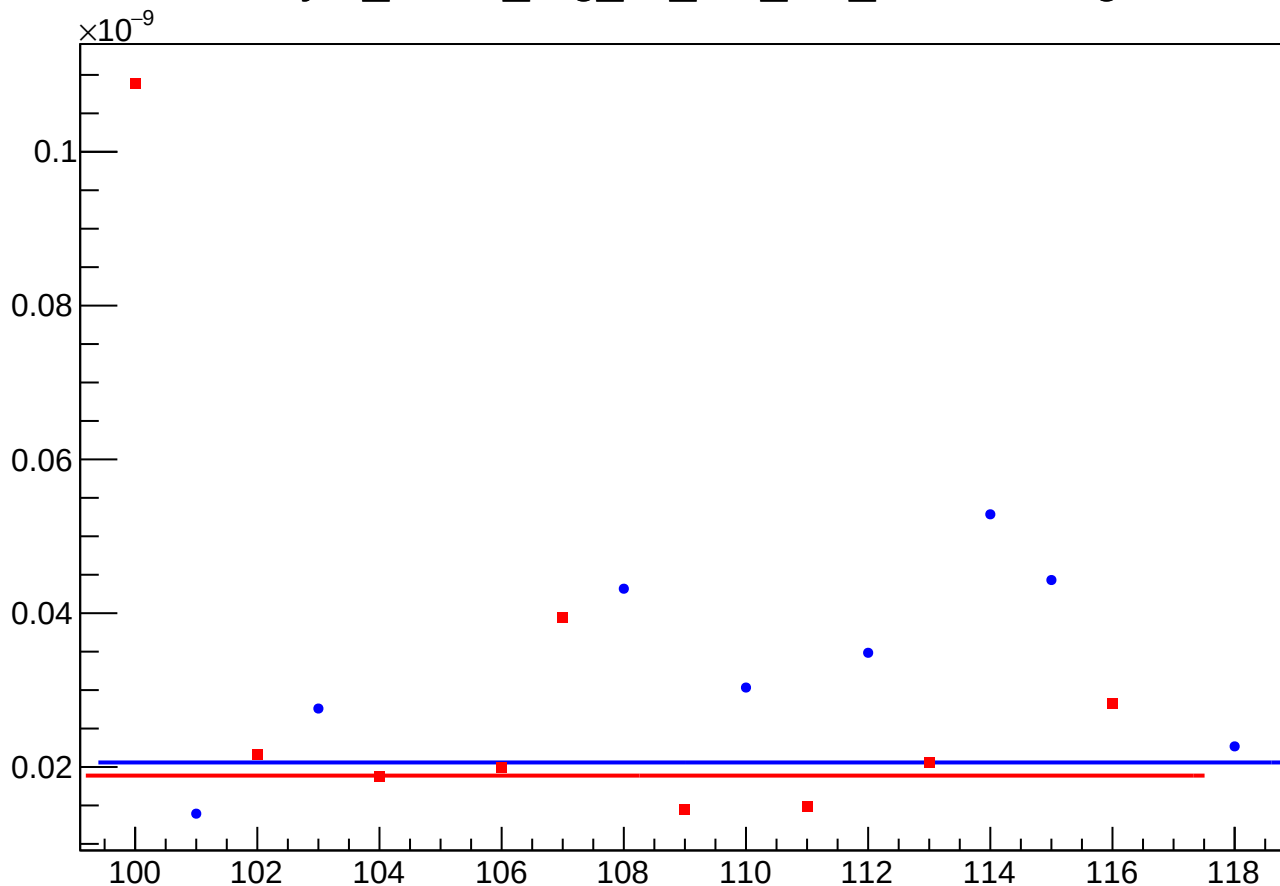
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_vs_cor_diff_rms vs Slug



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 : 188875.9/8

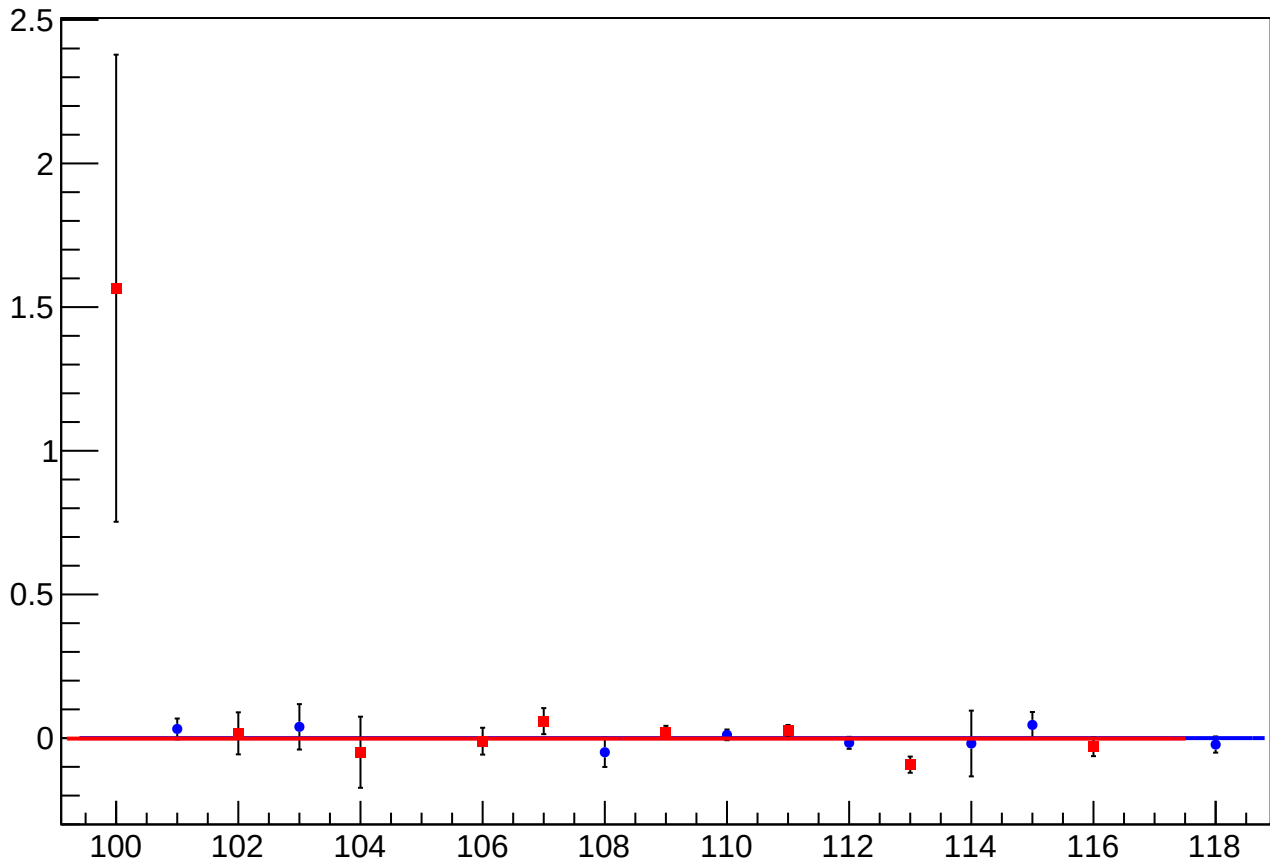
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 652881.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



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: -0.002 ± 0.011 χ^2/NDF : 19.9/8

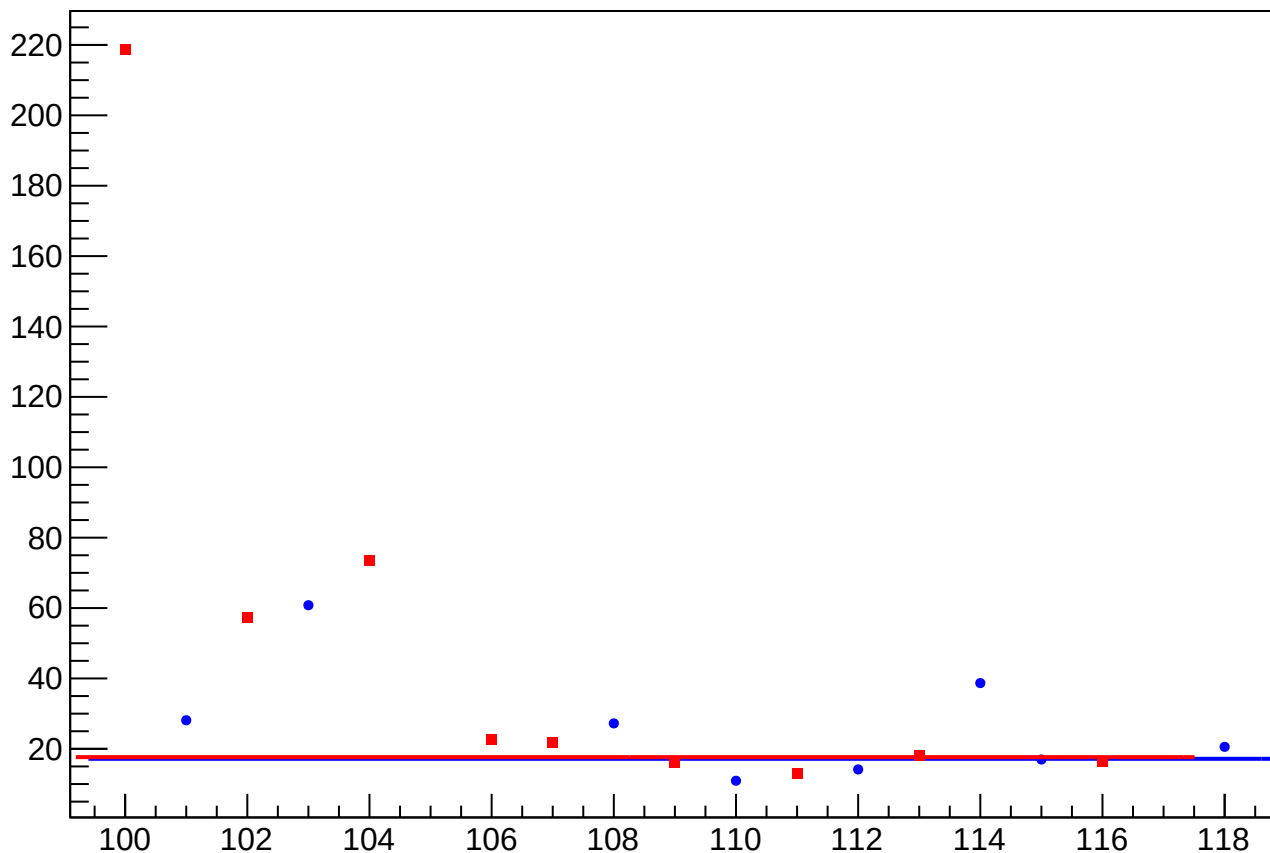
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.008 χ^2/NDF : 24.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 17.167 $\pm$ 0.008 χ^2 /NDF: 1236938.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.643 $\pm$ 0.008 χ^2 /NDF: 1285628.4/8

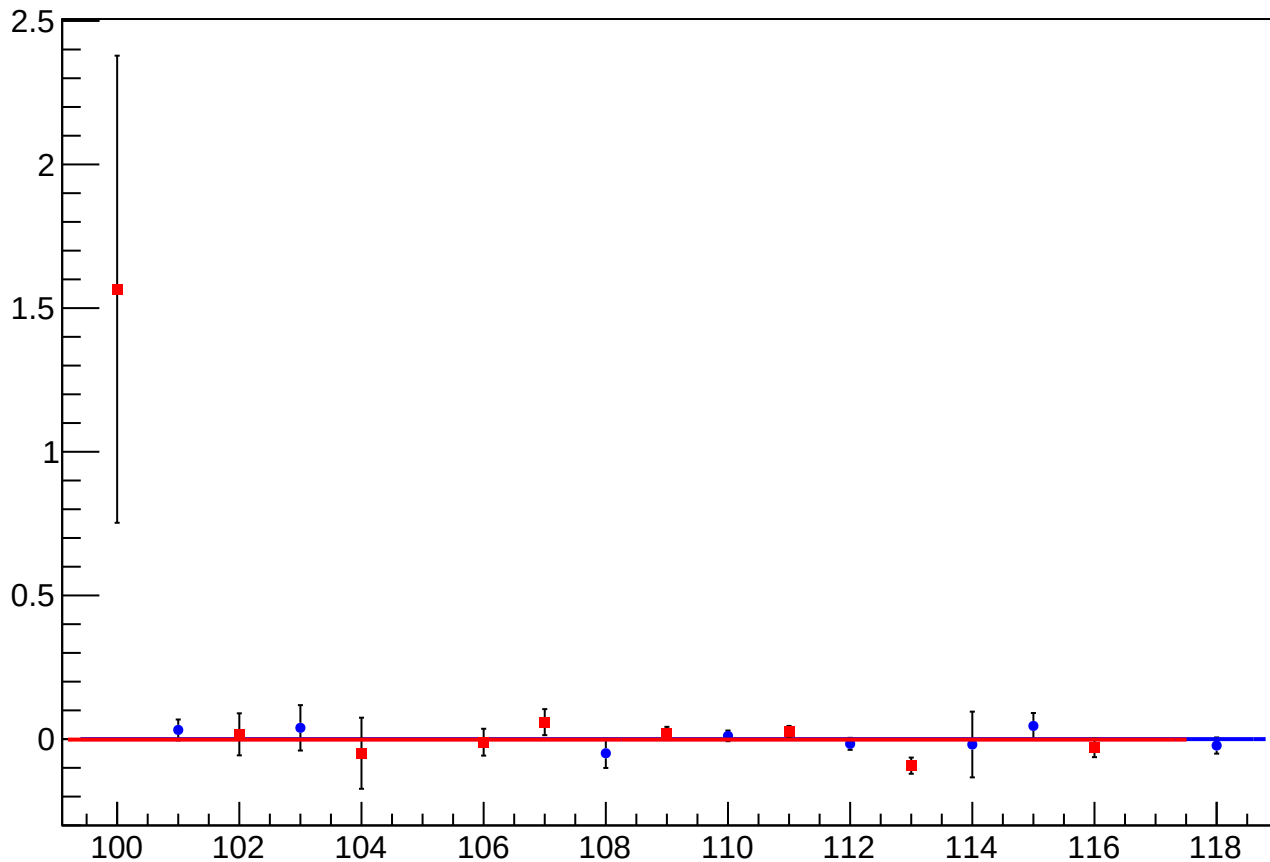
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

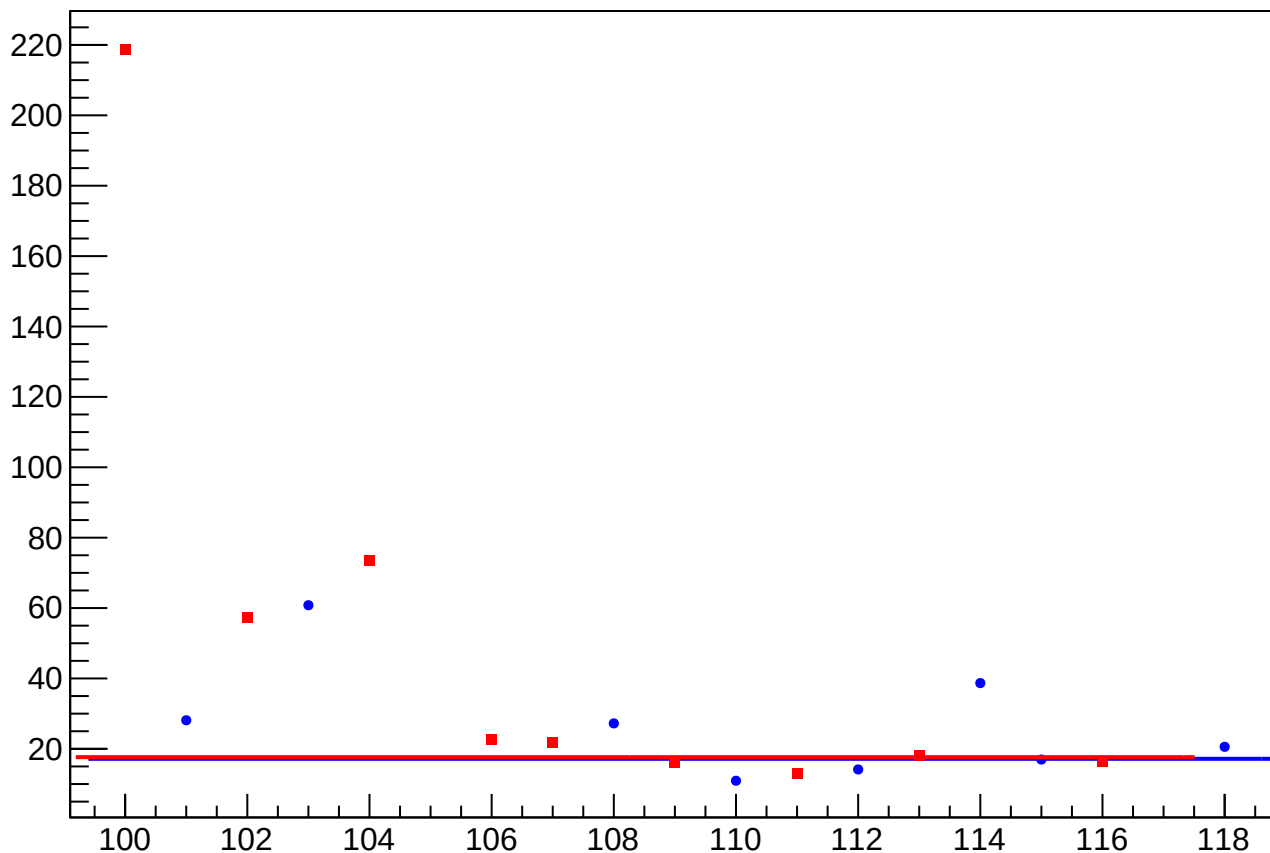
All: 17.399 $\pm$ 0.006 χ^2 /NDF: 2524405.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.167 $\pm$ 0.008 χ^2 /NDF: 1236938.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.643 $\pm$ 0.008 χ^2 /NDF: 1285628.4/8

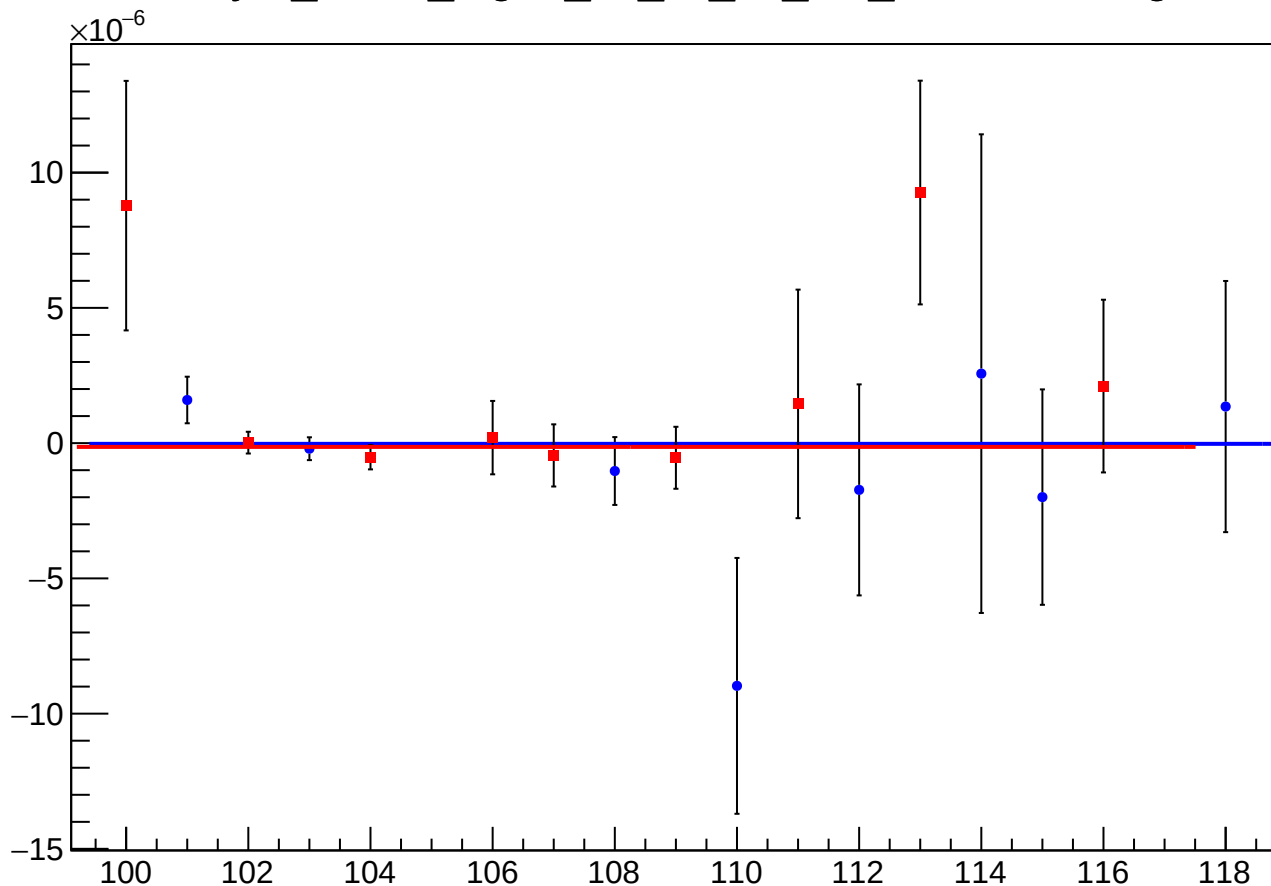
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.399 $\pm$ 0.006 χ^2 /NDF: 2524405.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



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 : 10.7/8

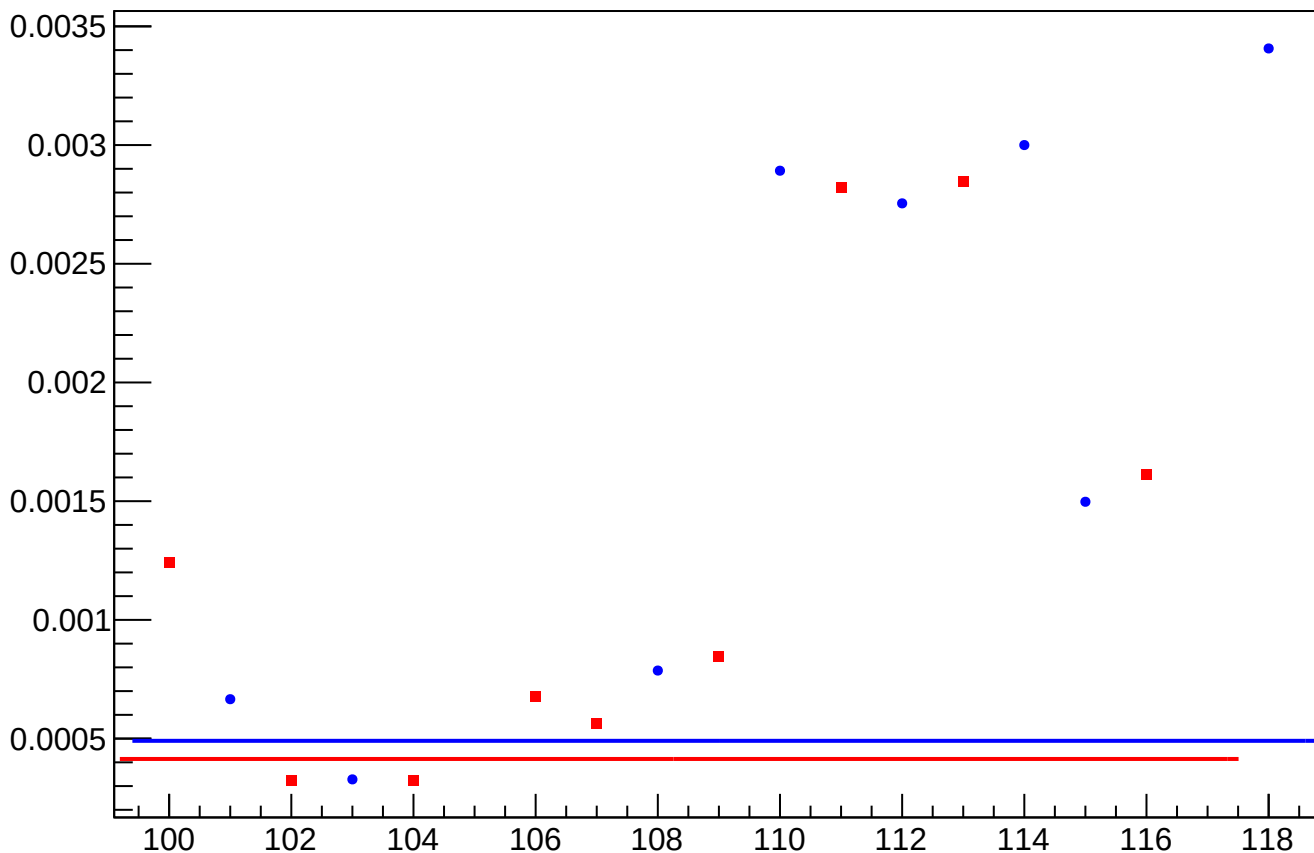
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2261921.5/8

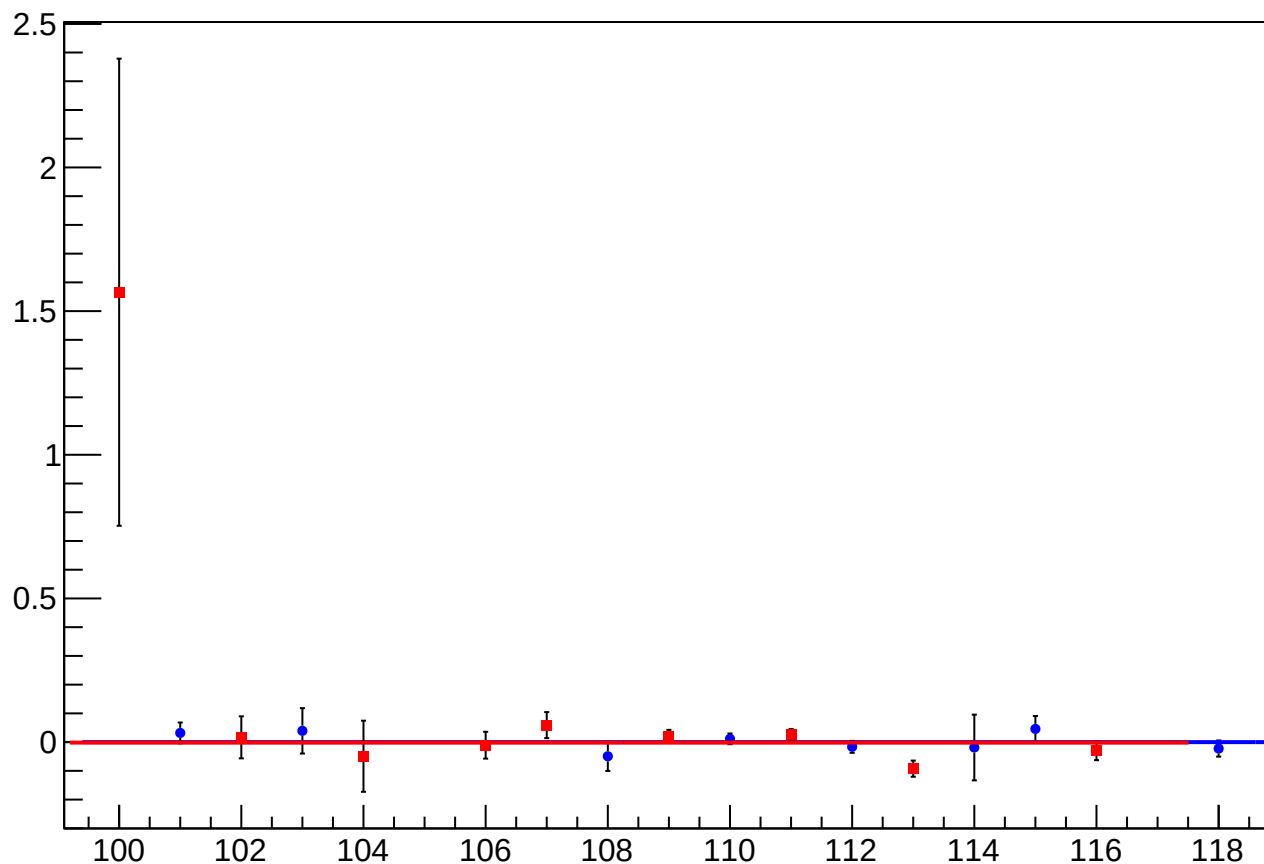
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

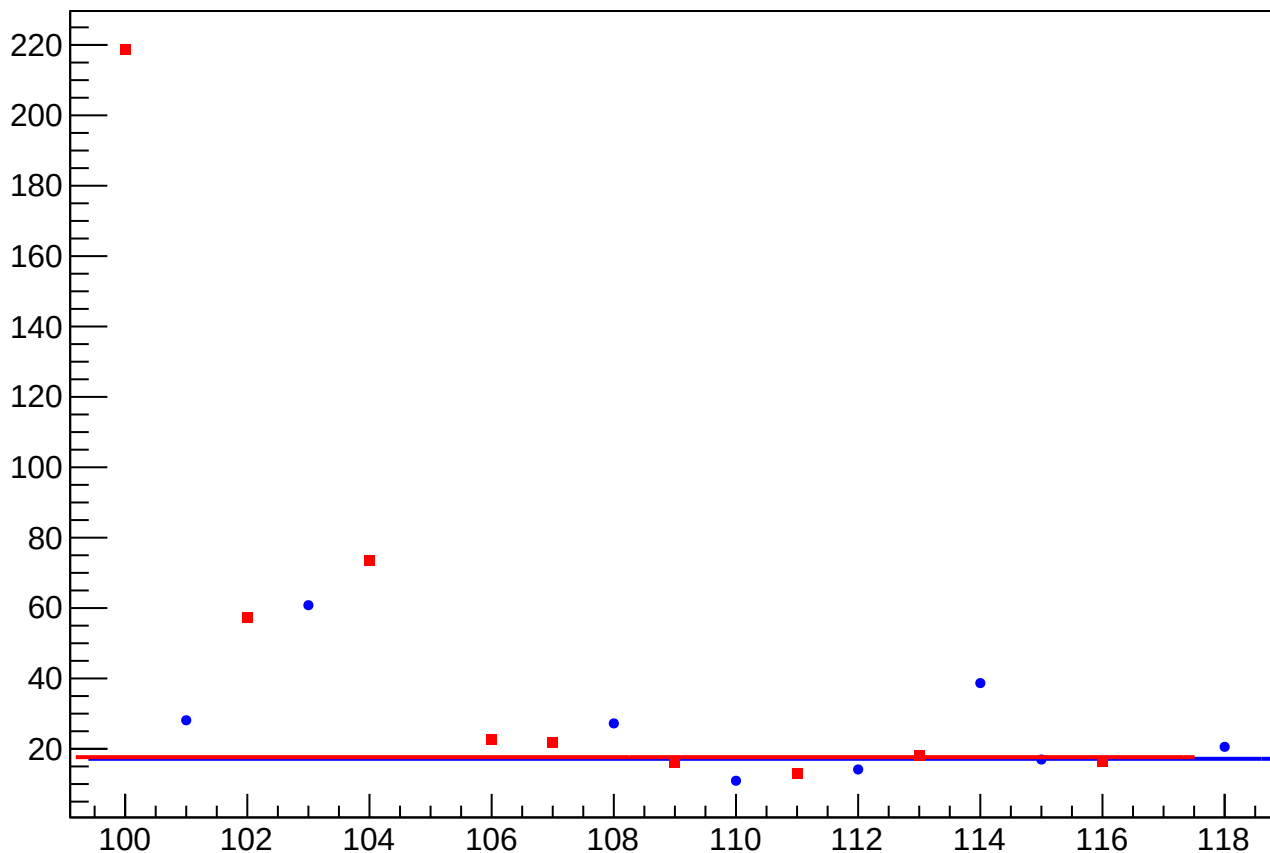
All: 0.000+/-0.000 χ^2/NDF : 5078024.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 17.168 $\pm$ 0.008 χ^2 /NDF: 1236852.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.643 $\pm$ 0.008 χ^2 /NDF: 1285587.0/8

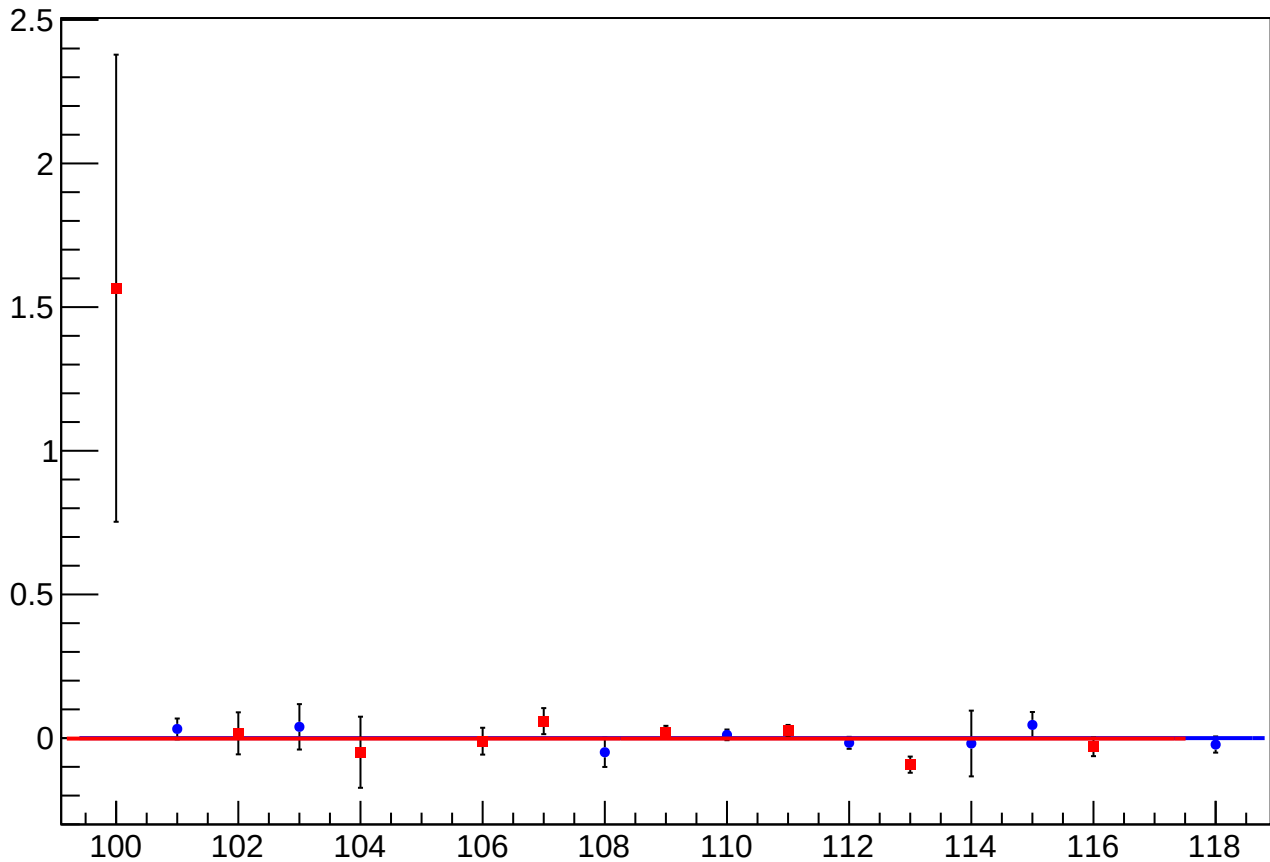
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.400 $\pm$ 0.006 χ^2 /NDF: 2524274.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.002+/-0.011 χ^2/NDF : 19.9/8

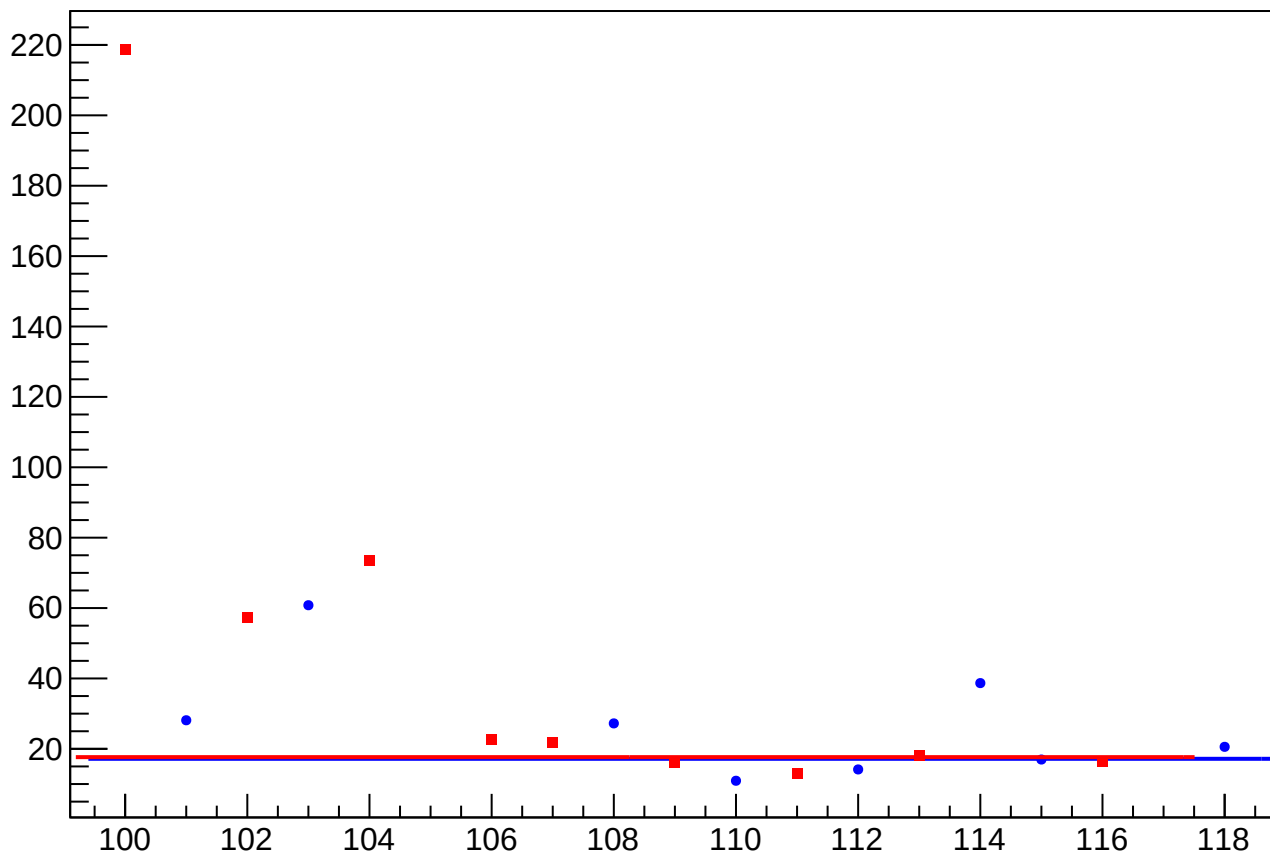
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.008 χ^2/NDF : 24.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.168 $\pm$ 0.008 χ^2 /NDF: 1236852.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.643 $\pm$ 0.008 χ^2 /NDF: 1285587.0/8

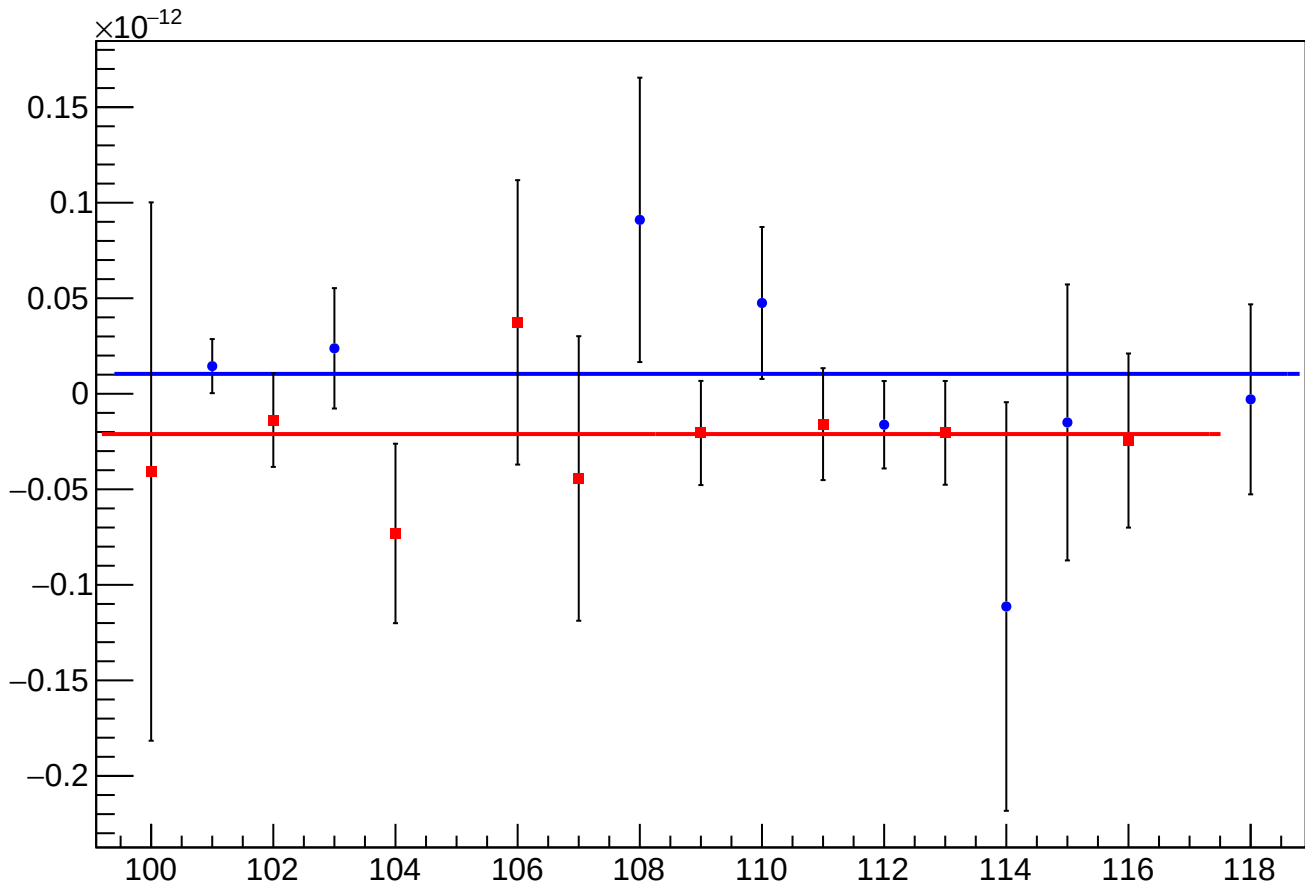
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.400 $\pm$ 0.006 χ^2 /NDF: 2524274.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug



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 : 2.1/8

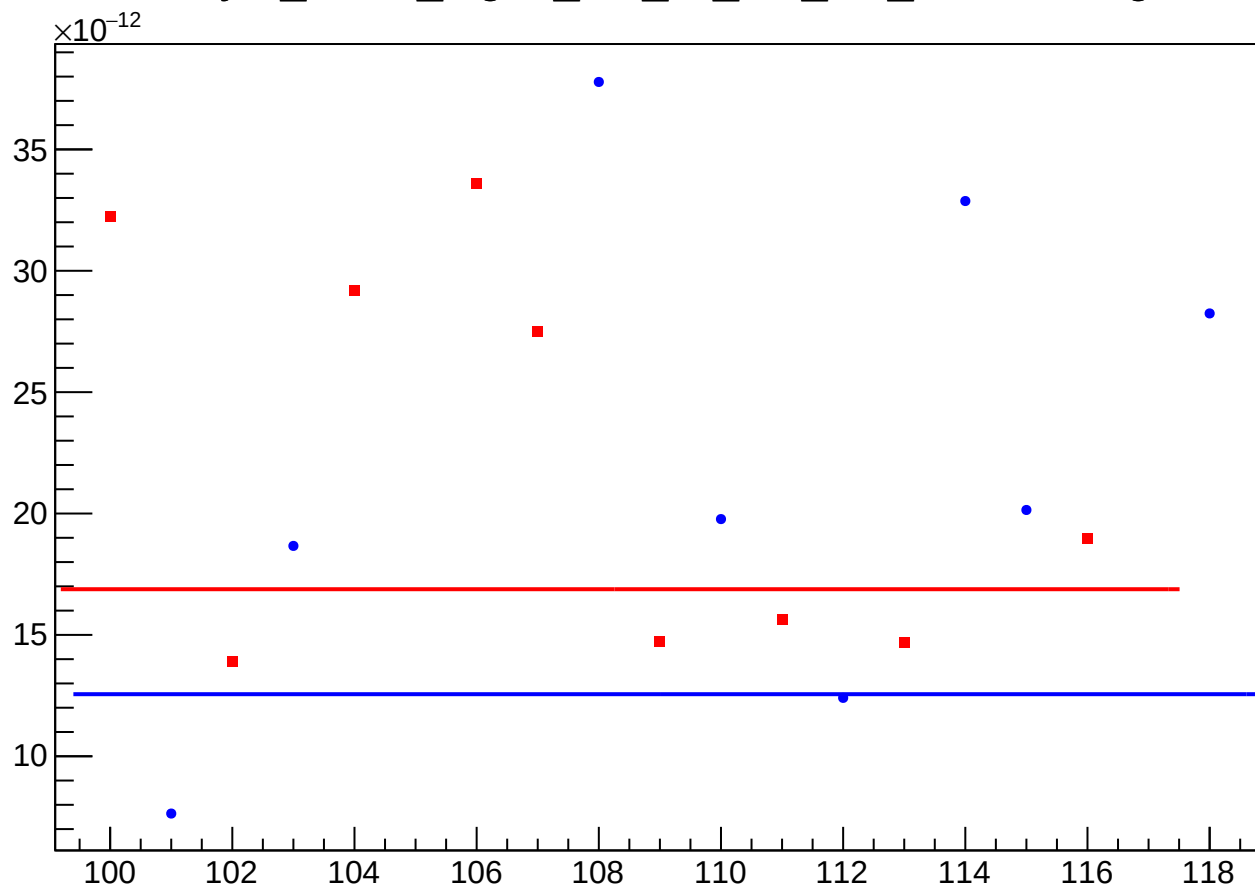
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 905684.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 365860.9/8

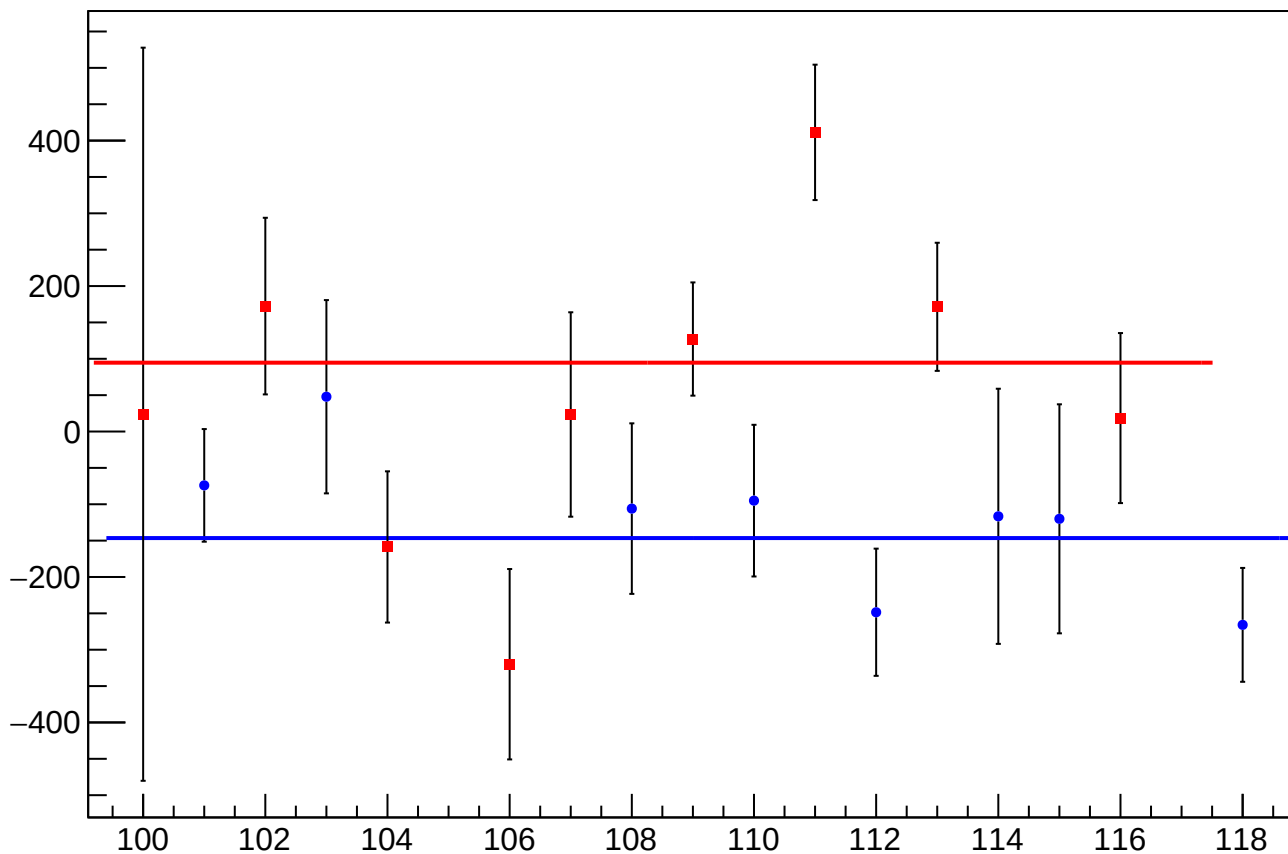
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1420154.7/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -146.488 ± 36.395 χ^2/NDF : 7.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 94.651 ± 36.373 χ^2/NDF : 29.6/8

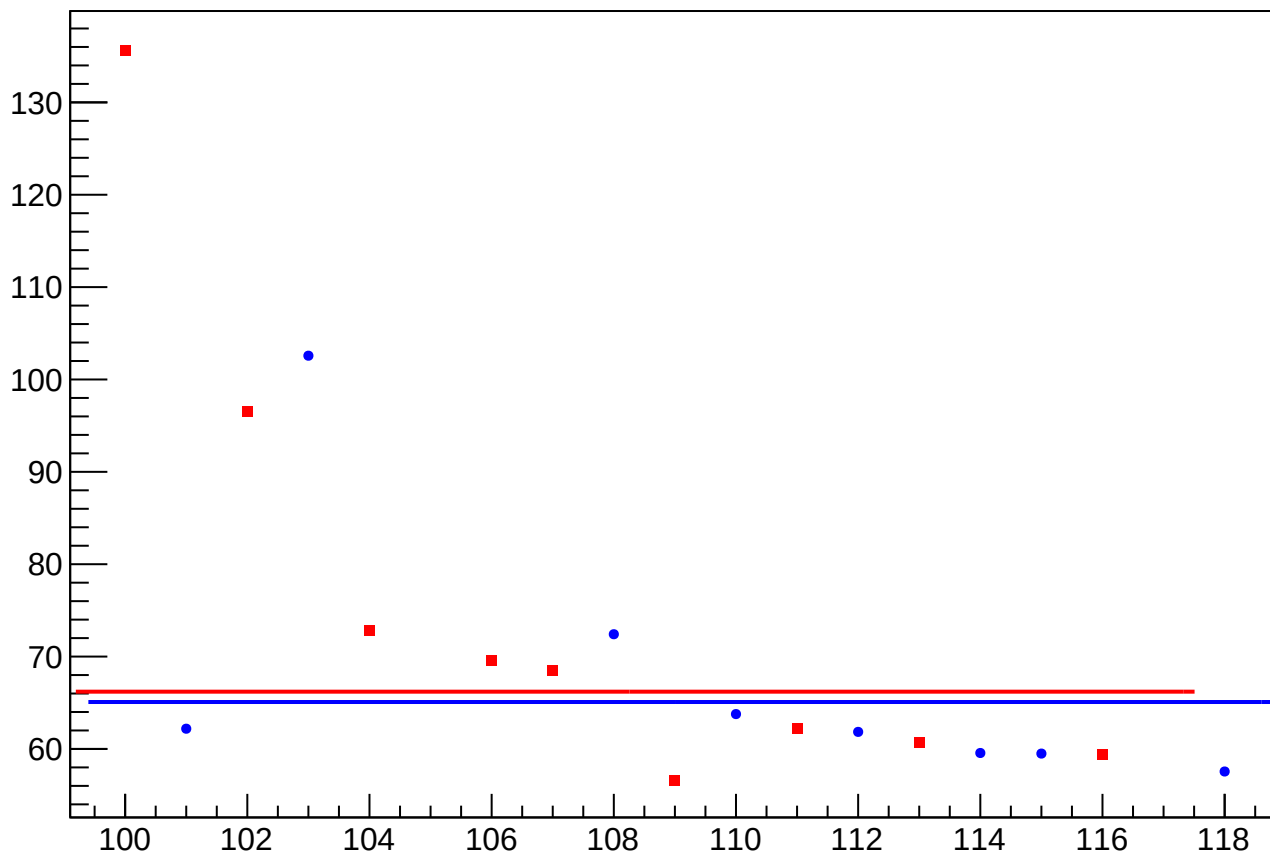
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.847 ± 25.727 χ^2/NDF : 58.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



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: 66.201+/-0.026 χ^2/NDF : 221400.3/8

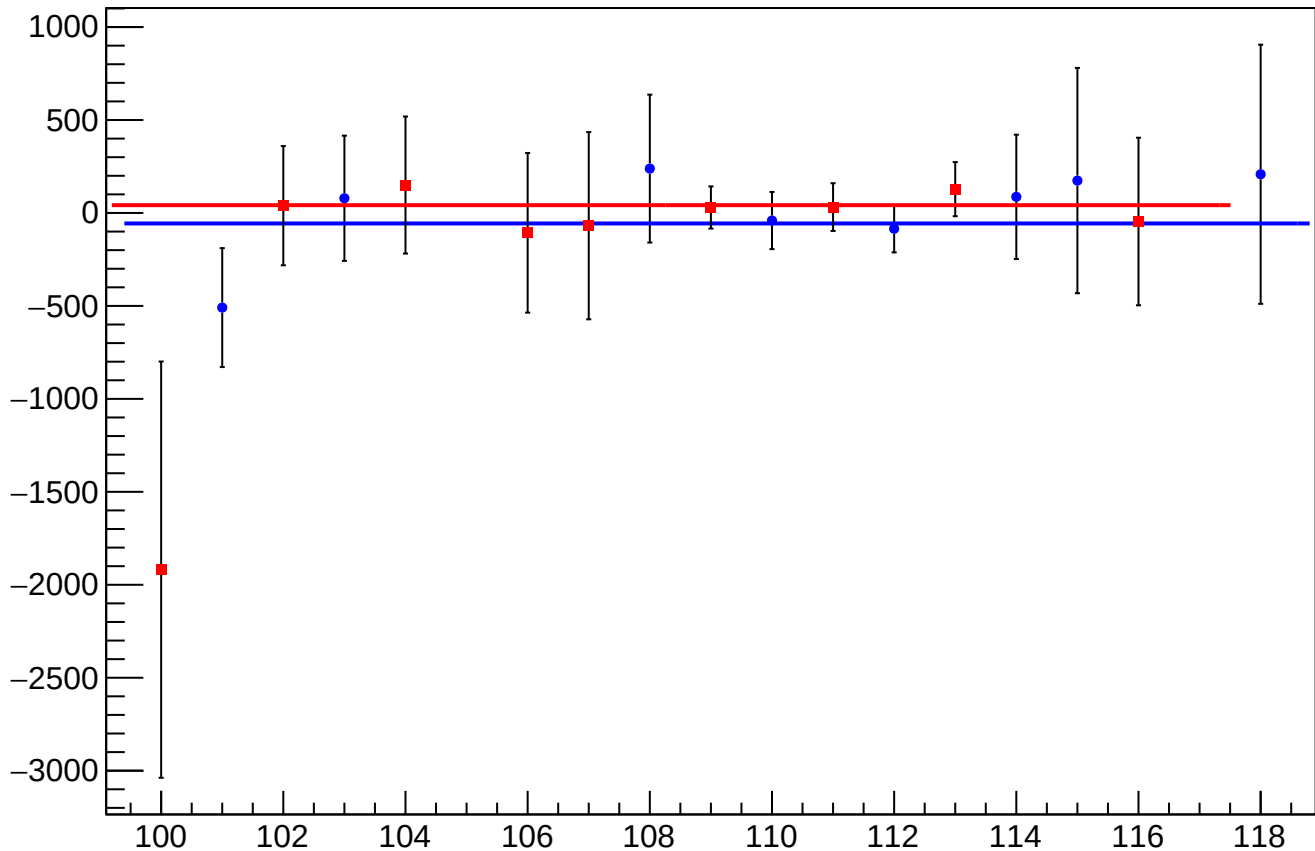
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.641+/-0.018 χ^2/NDF : 418224.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



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: 41.933 $\pm$ 67.763 χ^2 /NDF: 3.7/8

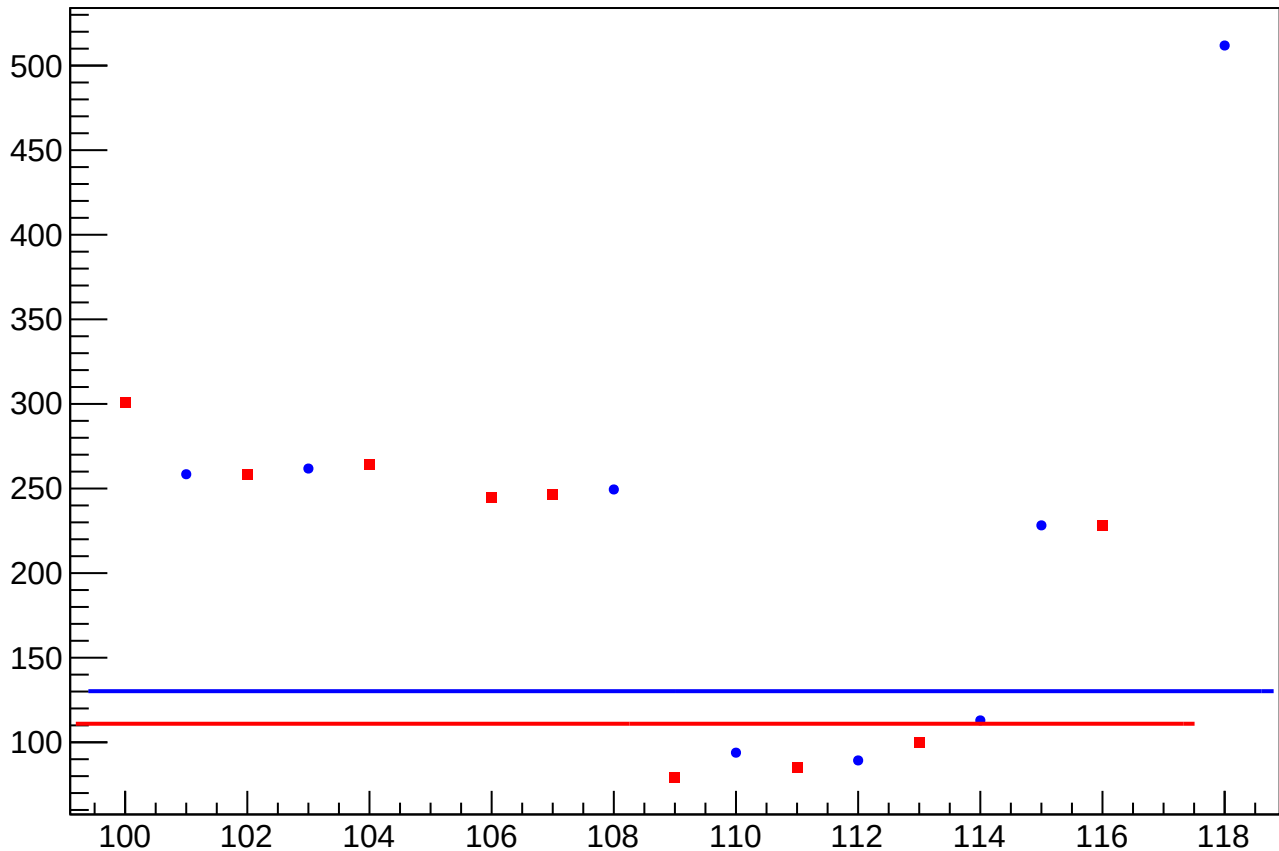
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.990 $\pm$ 52.673 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 130.215 $\pm$ 0.059 χ^2 /NDF: 1782333.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.964 $\pm$ 0.048 χ^2 /NDF: 1549620.2/8

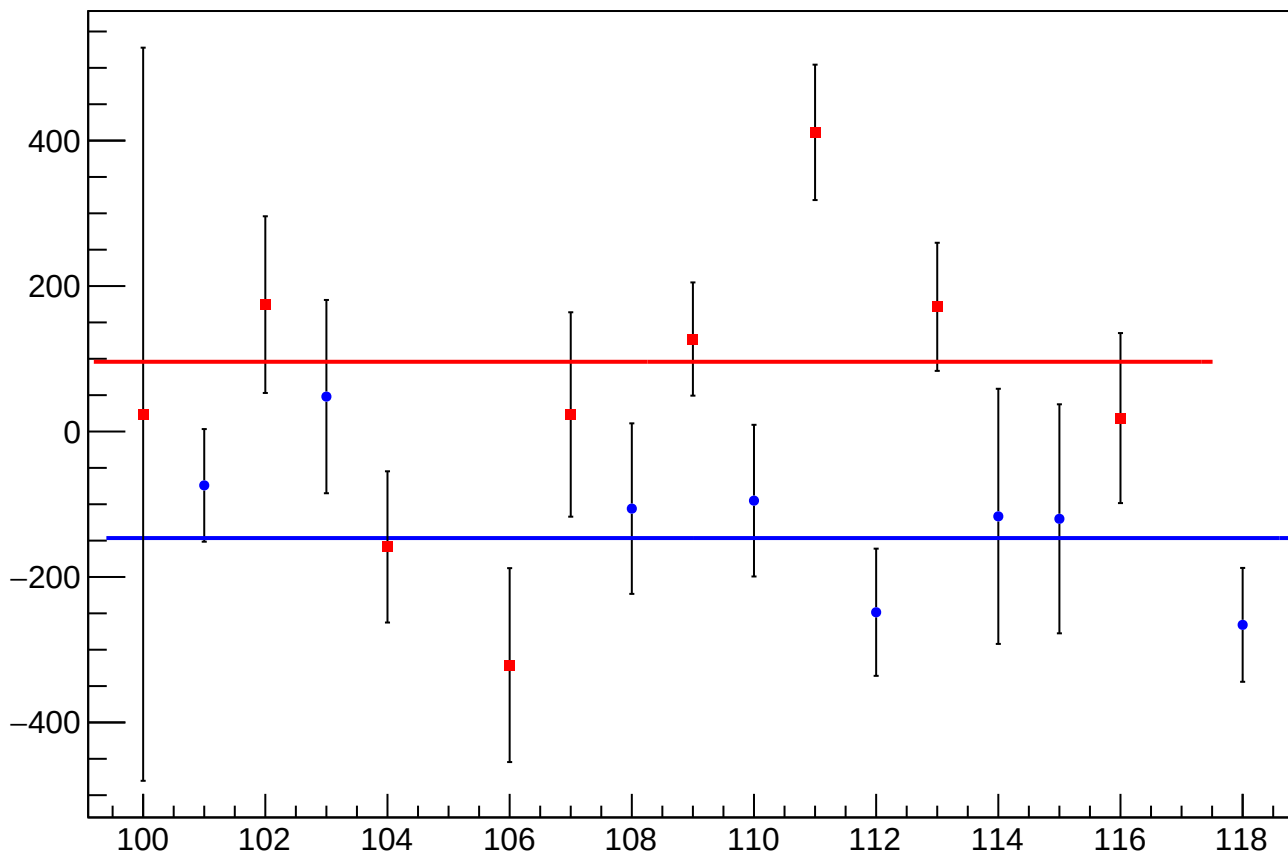
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.583 $\pm$ 0.037 χ^2 /NDF: 3395838.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam8_mean vs Slug



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: 95.893 ± 36.425 χ^2/NDF : 29.3/8

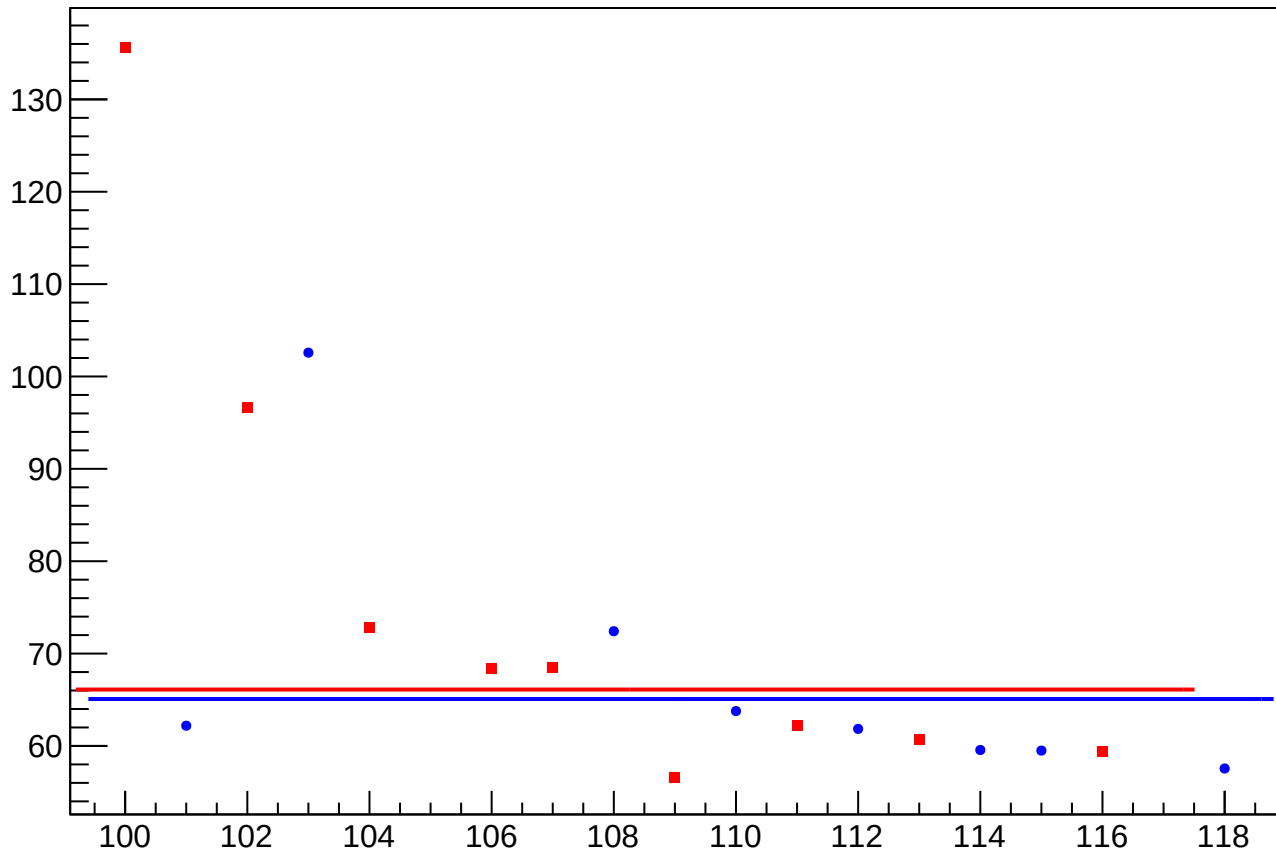
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.398 ± 25.746 χ^2/NDF : 58.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 65.081 $\pm$ 0.026 χ^2 /NDF: 195879.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.105 $\pm$ 0.026 χ^2 /NDF: 220786.2/8

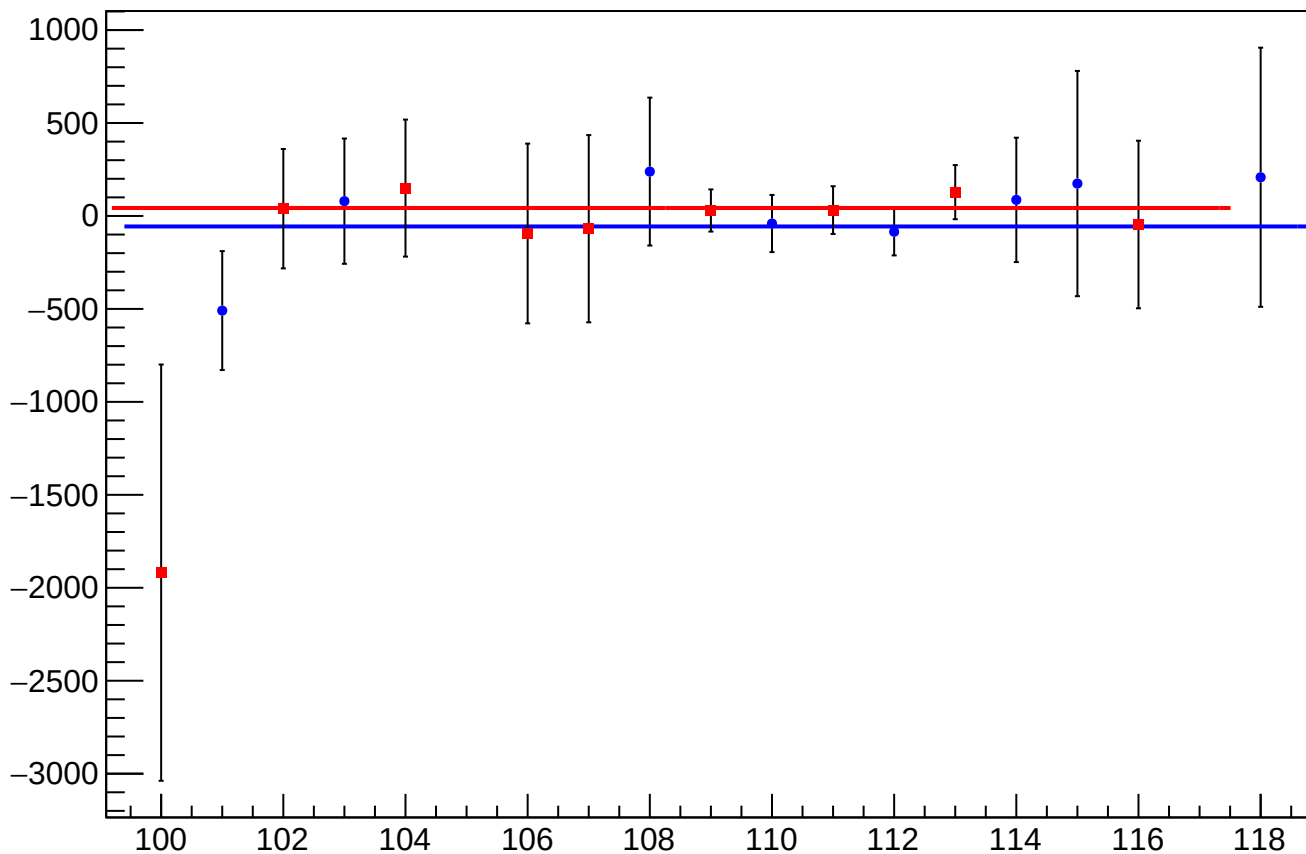
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.593 $\pm$ 0.018 χ^2 /NDF: 417456.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -56.436 $\pm$ 83.725 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.944 $\pm$ 67.945 χ^2 /NDF: 3.7/8

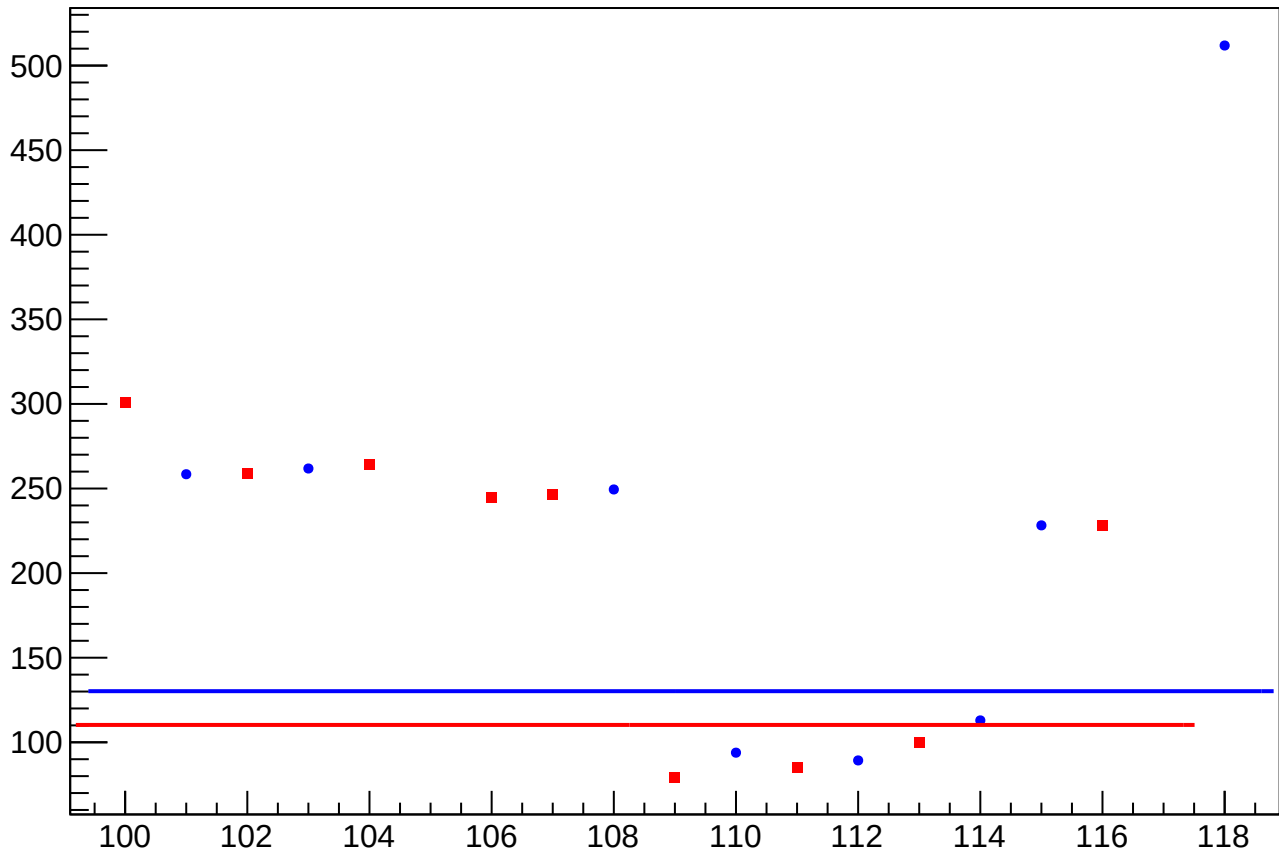
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.483 $\pm$ 52.758 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 130.215 $\pm$ 0.059 χ^2 /NDF: 1782388.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.261 $\pm$ 0.048 χ^2 /NDF: 1509851.3/8

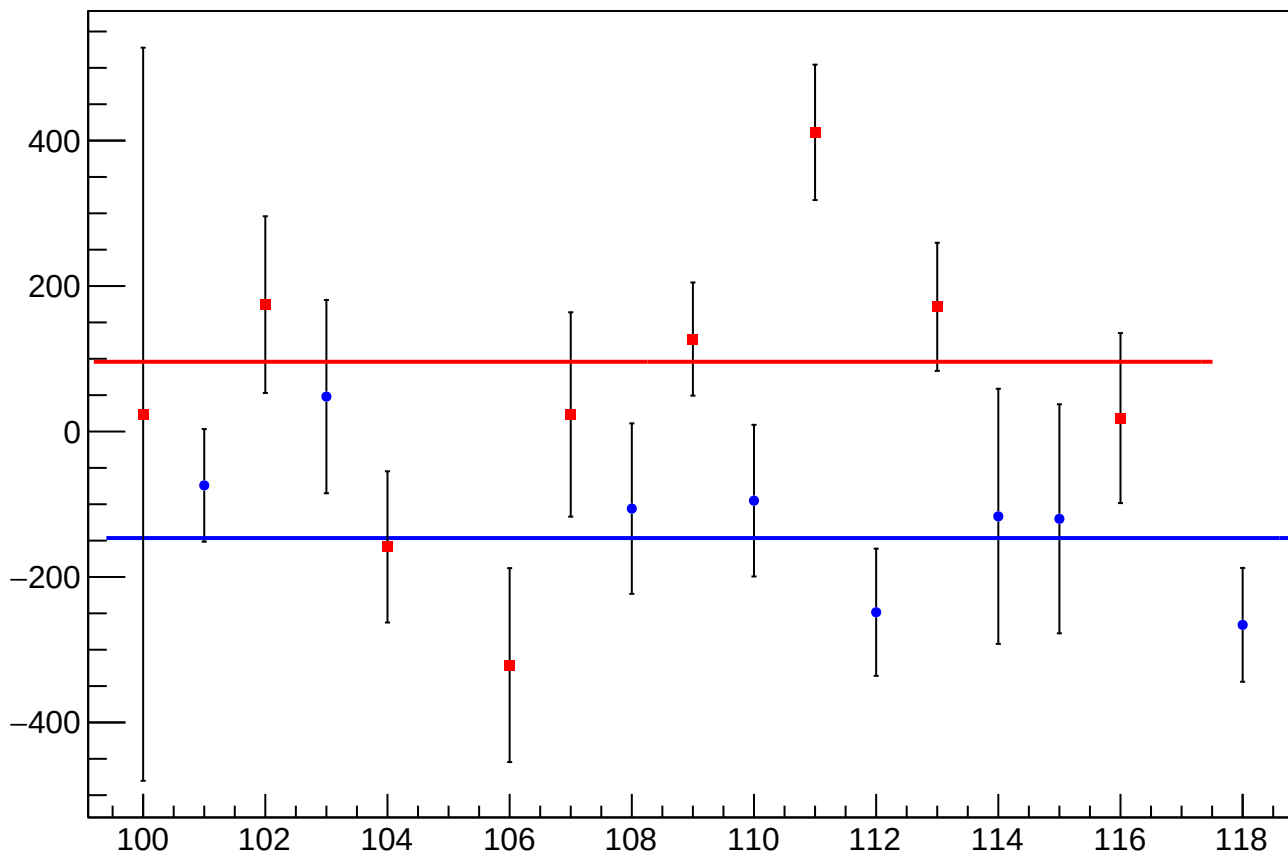
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.184 $\pm$ 0.037 χ^2 /NDF: 3360727.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam8_mean vs Slug



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: 95.893 ± 36.425 χ^2/NDF : 29.3/8

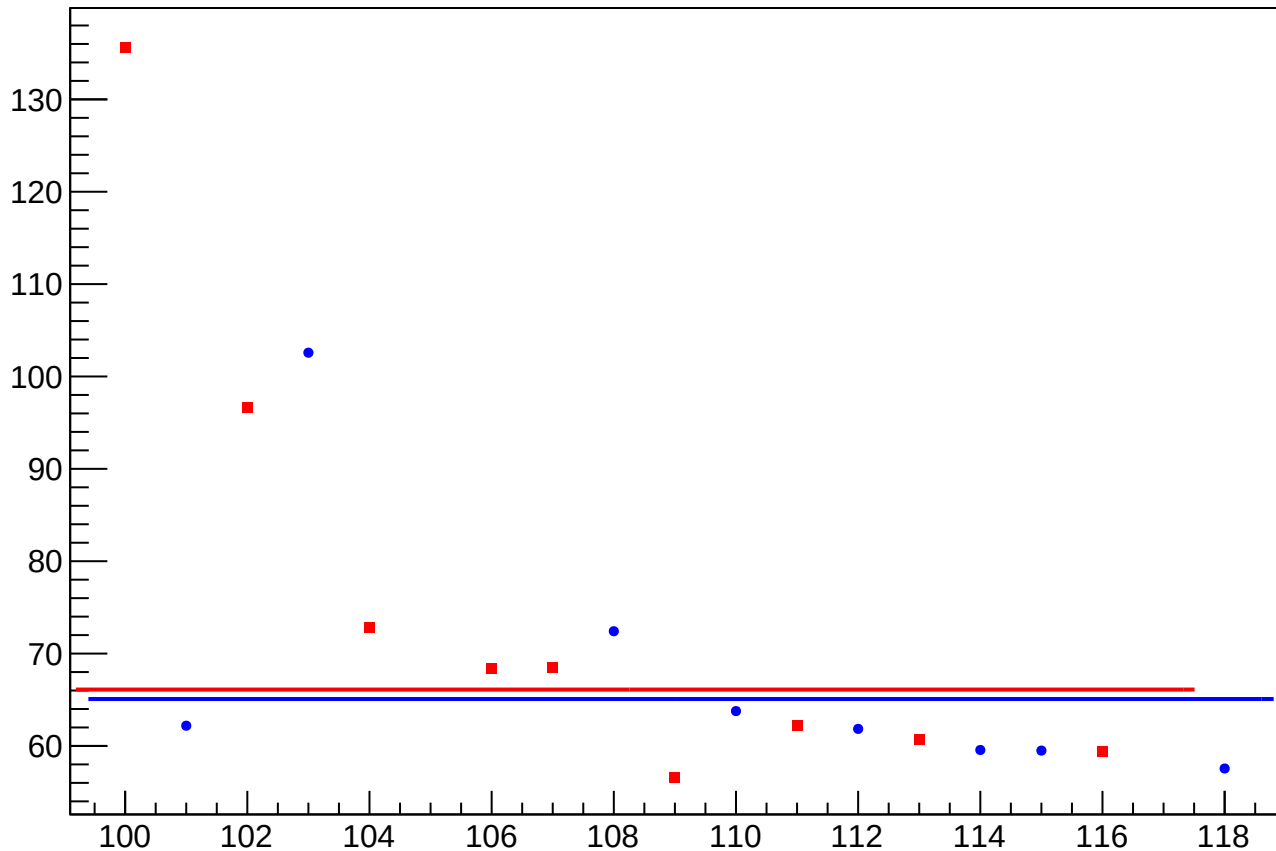
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.398 ± 25.746 χ^2/NDF : 58.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_rms vs Slug



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: 66.105+/-0.026 χ^2/NDF : 220786.2/8

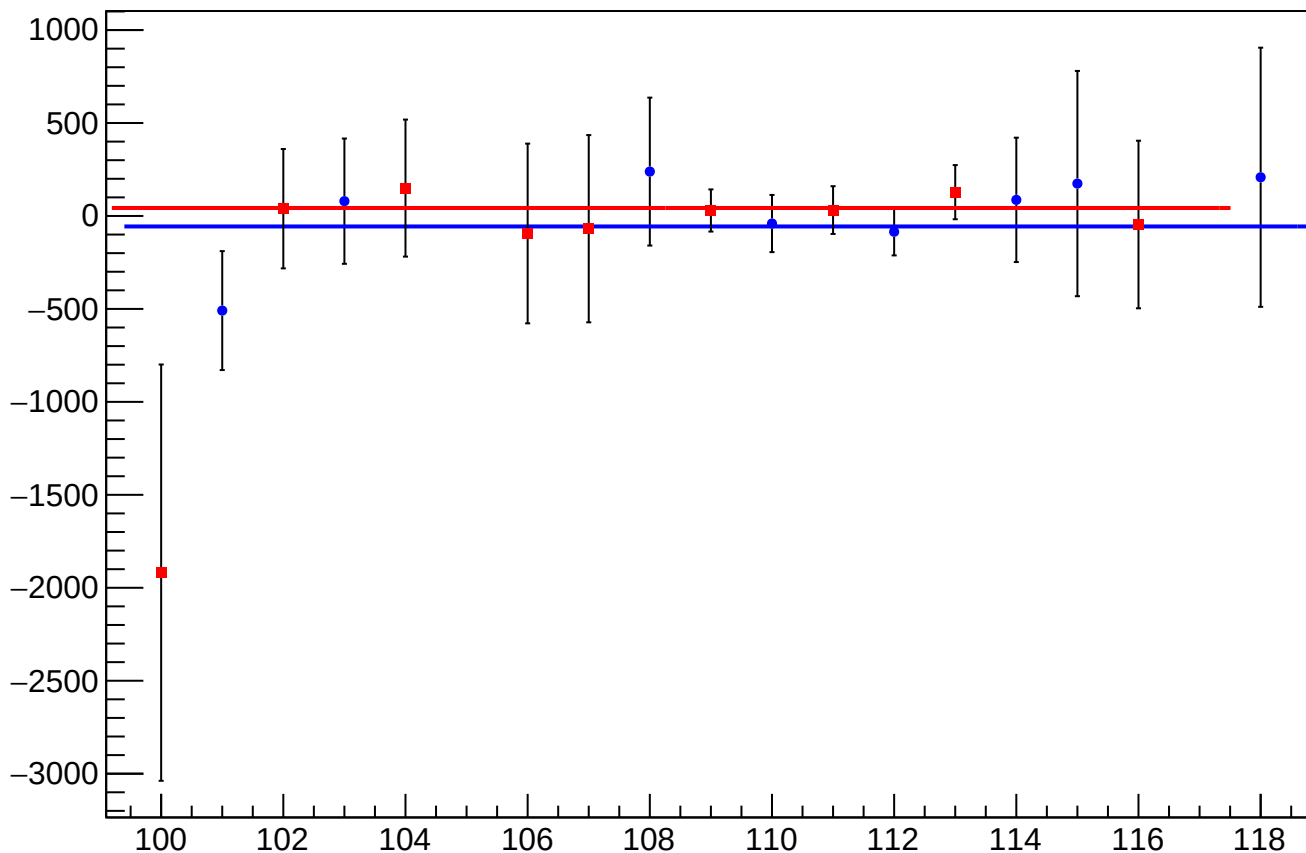
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.593+/-0.018 χ^2/NDF : 417456.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -56.436 $\pm$ 83.725 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 42.944 $\pm$ 67.945 χ^2 /NDF: 3.7/8

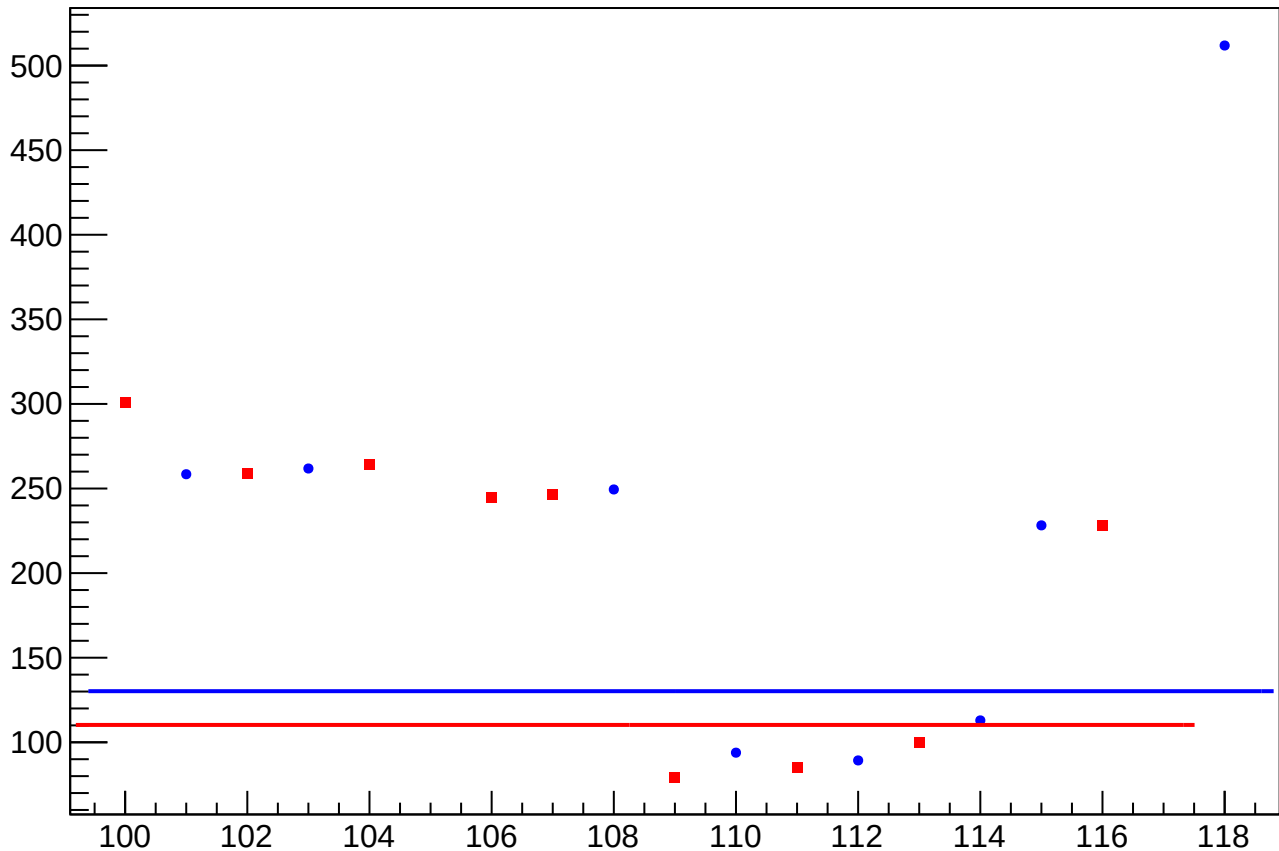
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.483 $\pm$ 52.758 χ^2 /NDF: 7.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 130.215 $\pm$ 0.059 χ^2 /NDF: 1782388.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.261 $\pm$ 0.048 χ^2 /NDF: 1509851.3/8

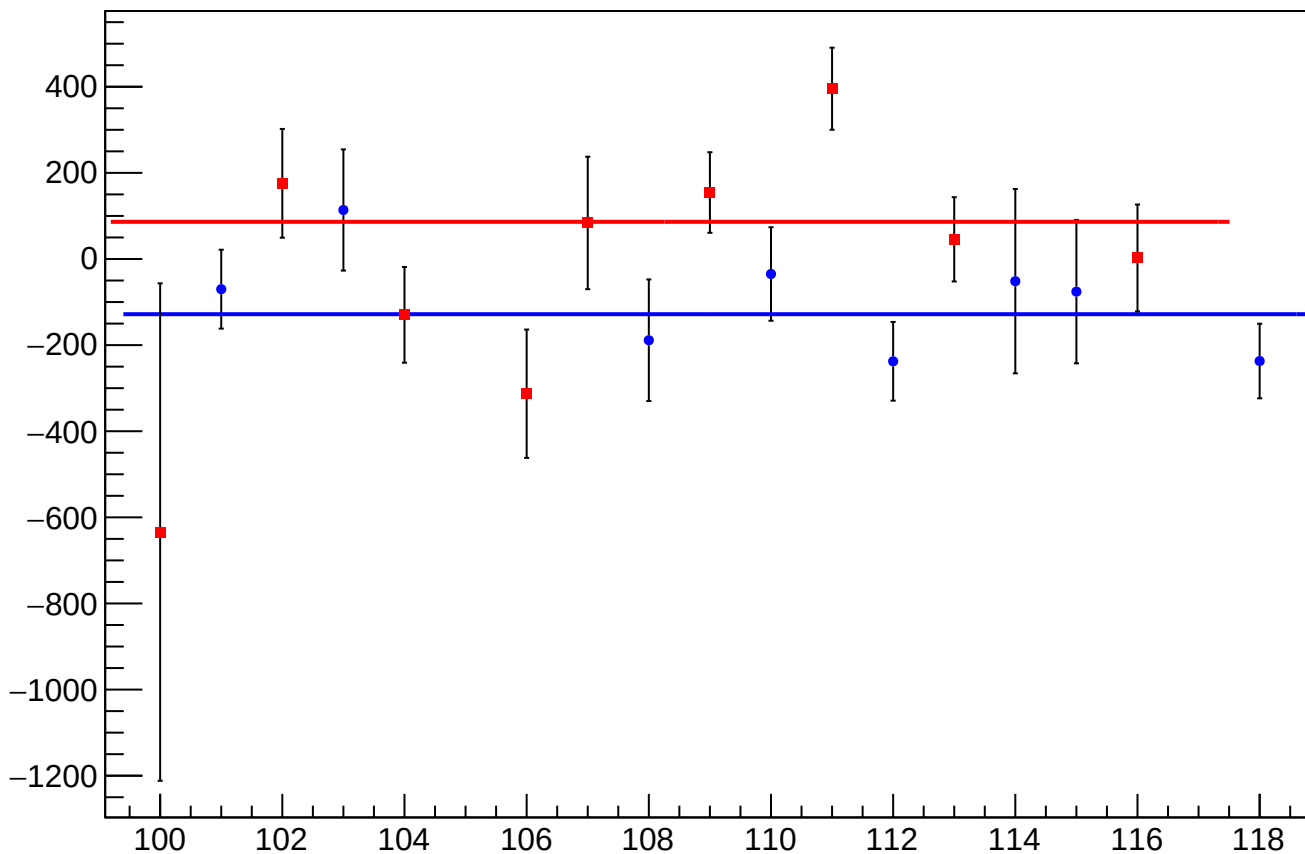
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.184 $\pm$ 0.037 χ^2 /NDF: 3360727.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_mean vs Slug



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: 86.325 $\pm$ 39.918 χ^2 /NDF: 24.7/8

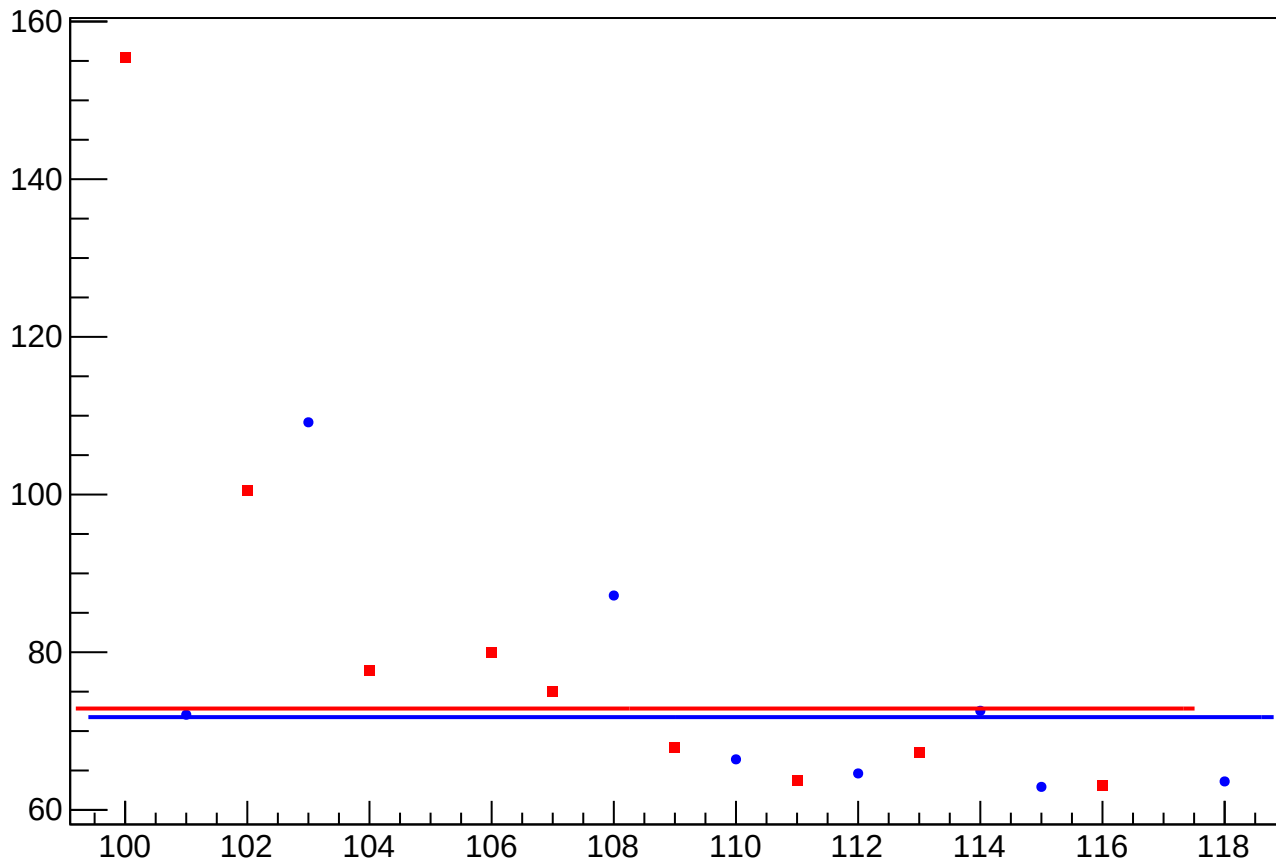
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.907 $\pm$ 28.362 χ^2 /NDF: 46.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_rms vs Slug



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: 72.860+/-0.028 χ^2/NDF : 187800.7/8

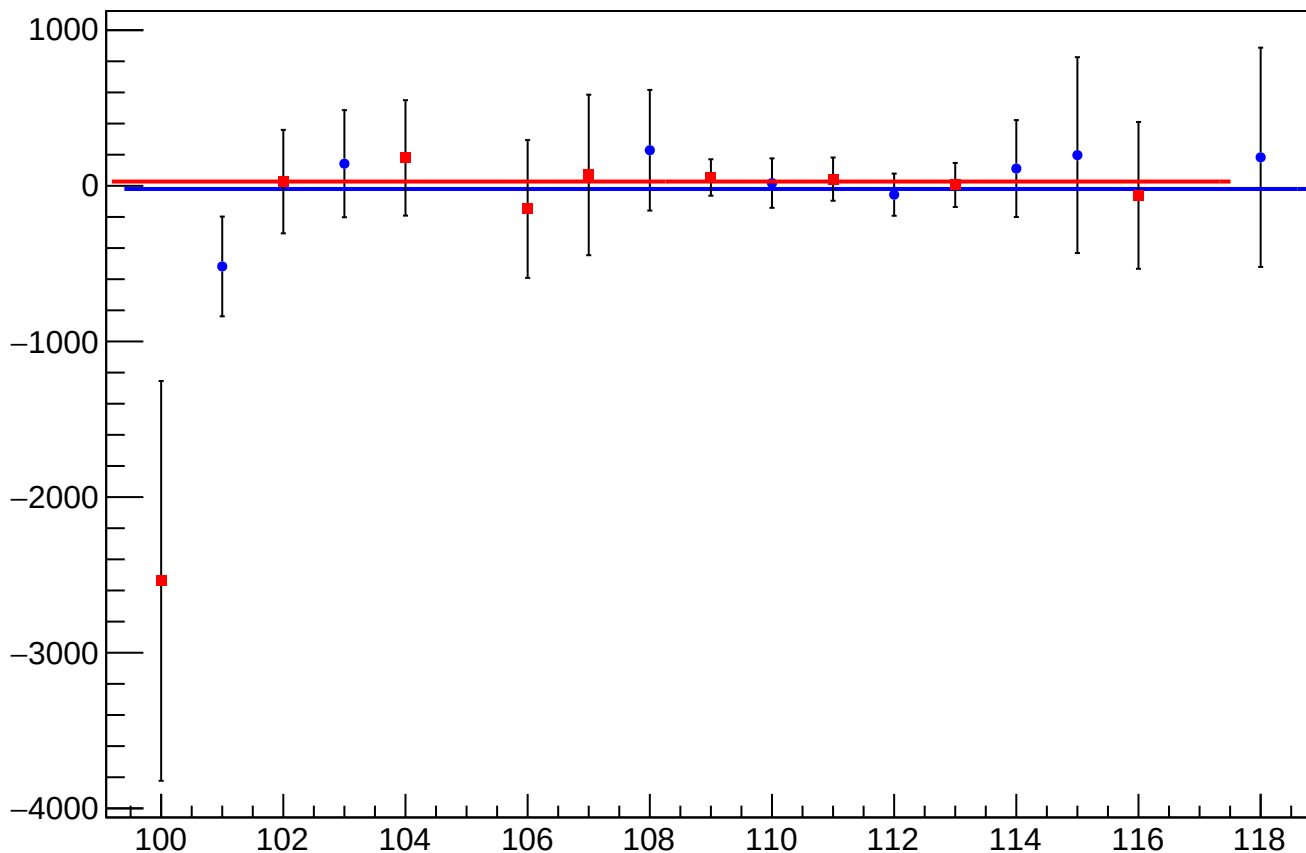
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.320+/-0.020 χ^2/NDF : 394182.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -20.309 $\pm$ 86.478 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.542 $\pm$ 69.872 χ^2 /NDF: 4.4/8

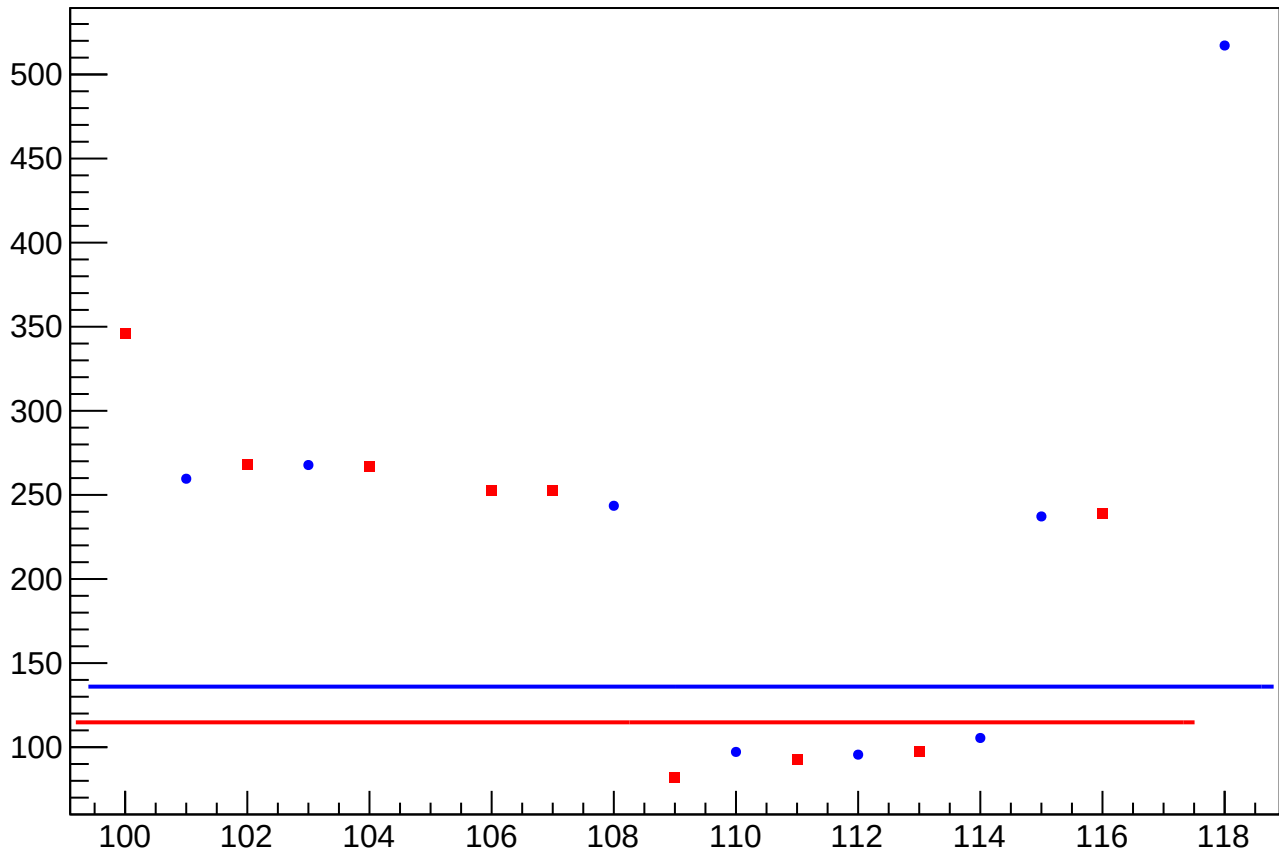
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.642 $\pm$ 54.349 χ^2 /NDF: 8.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 136.011 $\pm$ 0.061 χ^2 /NDF: 1698462.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.775 $\pm$ 0.049 χ^2 /NDF: 1540355.8/8

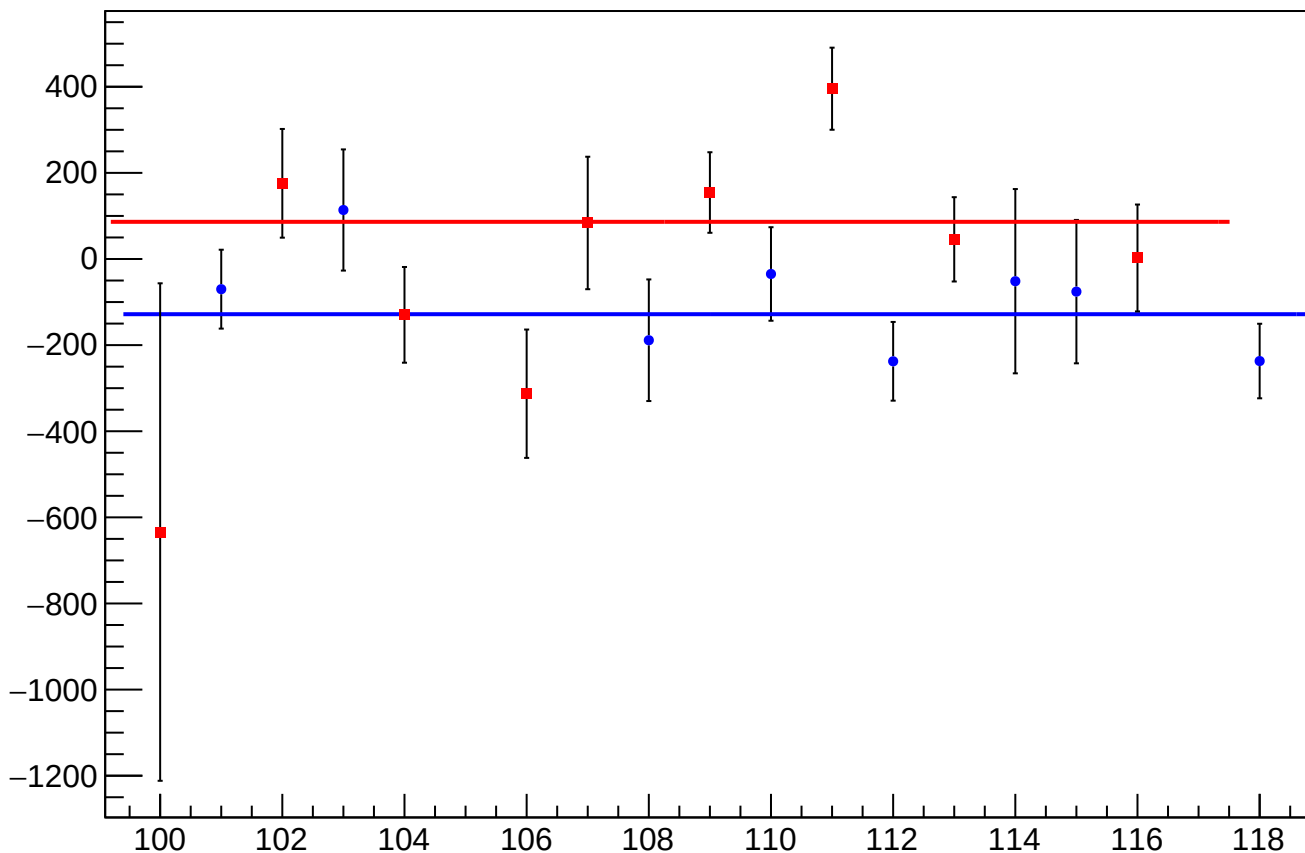
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.163 $\pm$ 0.038 χ^2 /NDF: 3311791.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



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: 86.327 ± 39.918 χ^2/NDF : 24.7/8

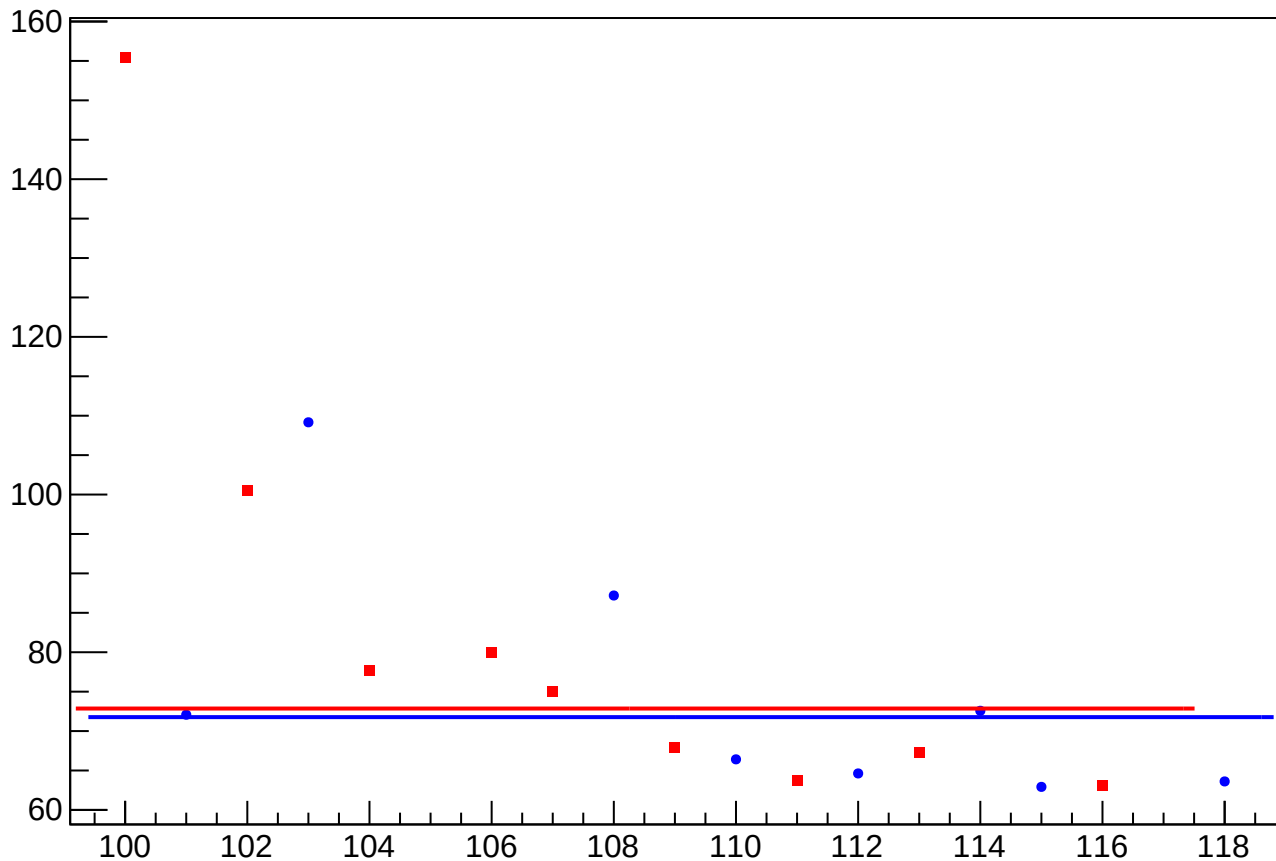
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.906 ± 28.362 χ^2/NDF : 46.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 71.769 $\pm$ 0.028 χ^2 /NDF: 205644.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.859 $\pm$ 0.028 χ^2 /NDF: 187802.2/8

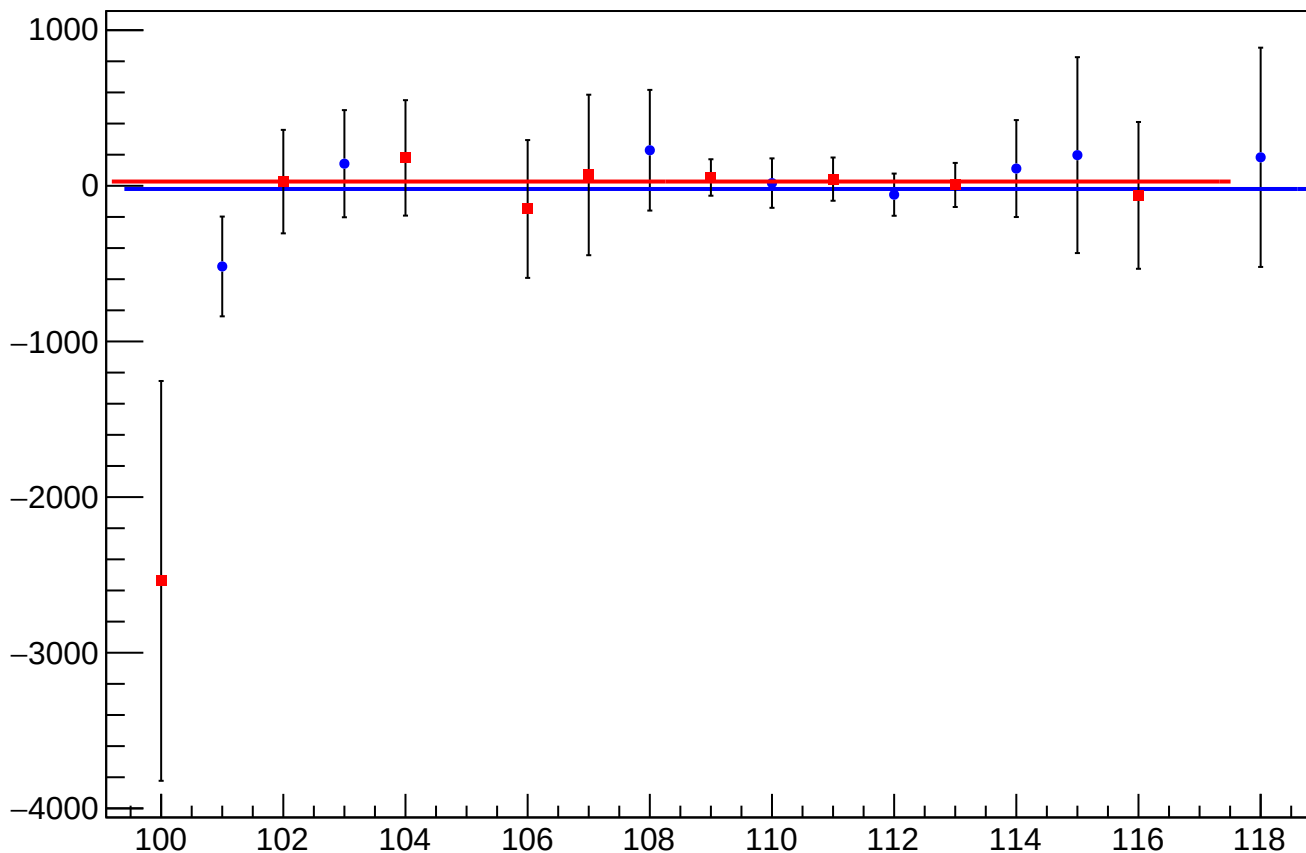
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.320 $\pm$ 0.020 χ^2 /NDF: 394185.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -20.309 $\pm$ 86.477 χ^2 /NDF: 3.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.543 $\pm$ 69.872 χ^2 /NDF: 4.4/8

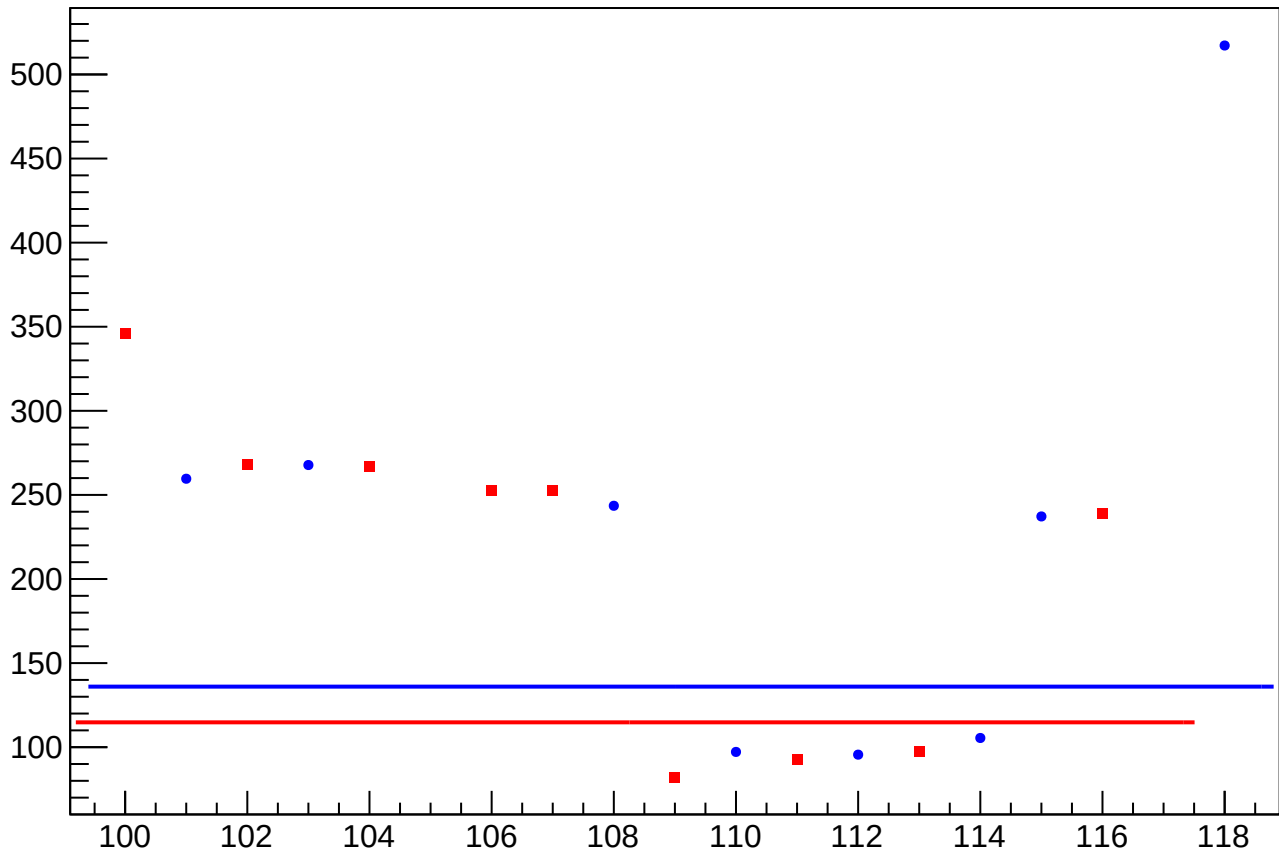
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.643 $\pm$ 54.349 χ^2 /NDF: 8.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 136.010 $\pm$ 0.061 χ^2 /NDF: 1698467.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.774 $\pm$ 0.049 χ^2 /NDF: 1540342.6/8

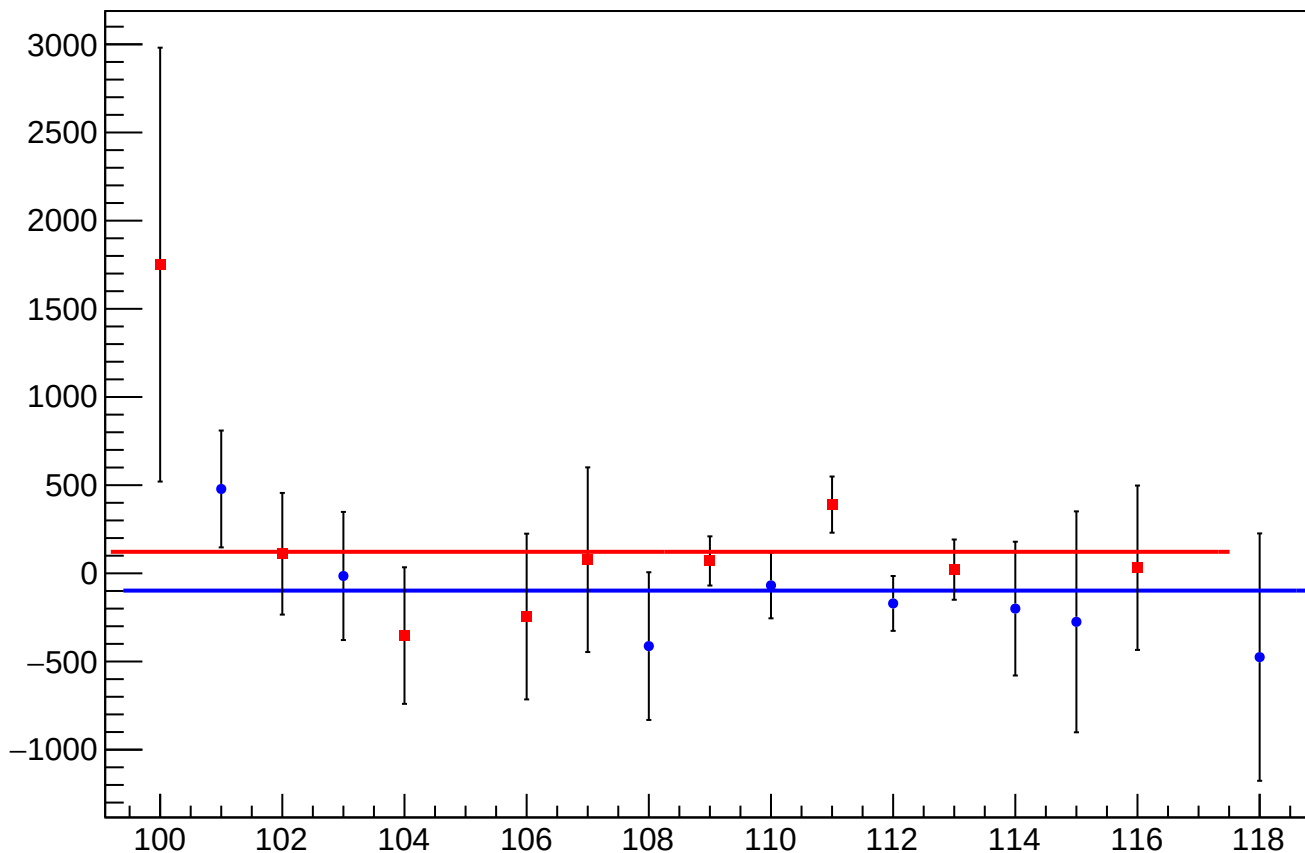
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.162 $\pm$ 0.038 χ^2 /NDF: 3311778.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_mean vs Slug



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: 122.070 ± 80.689 χ^2/NDF : 7.2/8

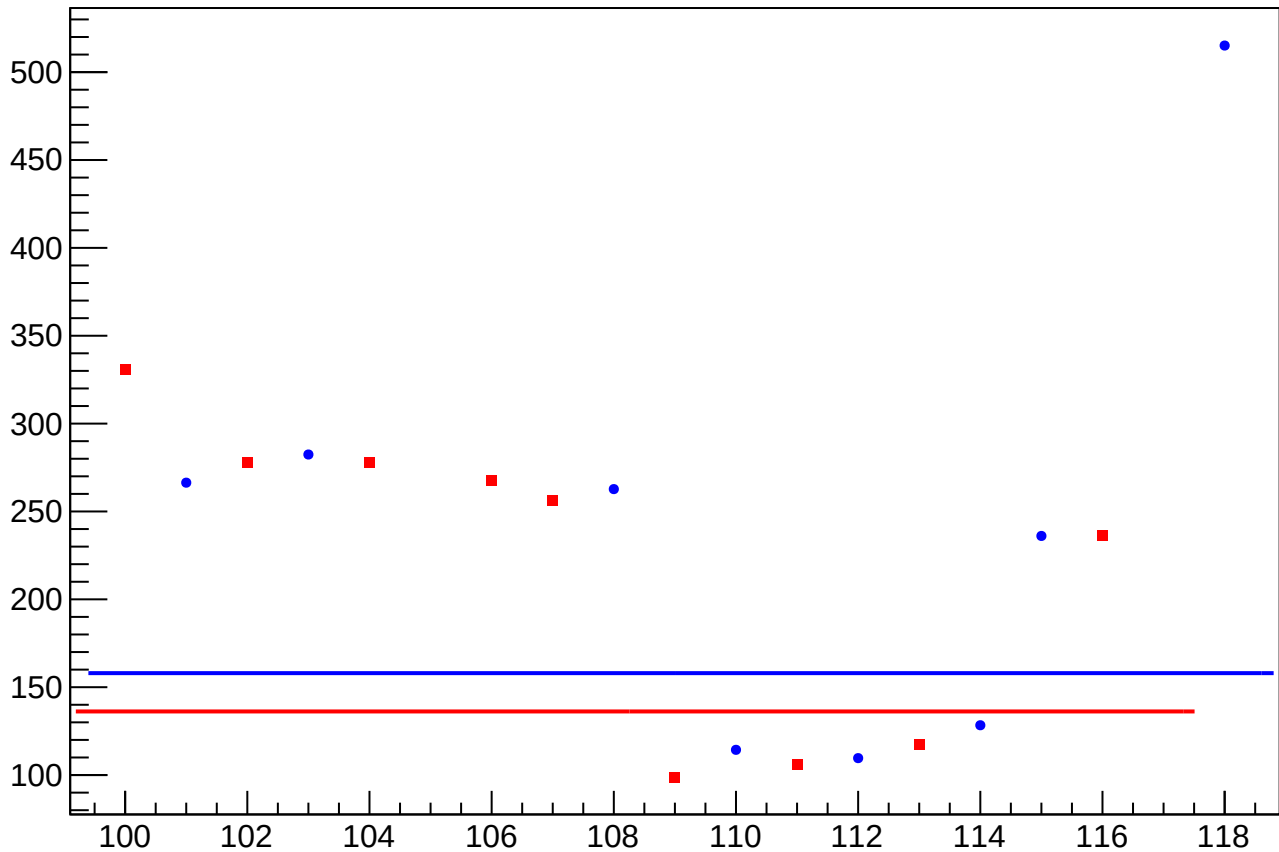
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 33.354 ± 62.326 χ^2/NDF : 14.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_rms vs Slug



Right In: 157.998 $\pm$ 0.069 χ^2 /NDF: 1437656.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.198 $\pm$ 0.057 χ^2 /NDF: 1249969.2/8

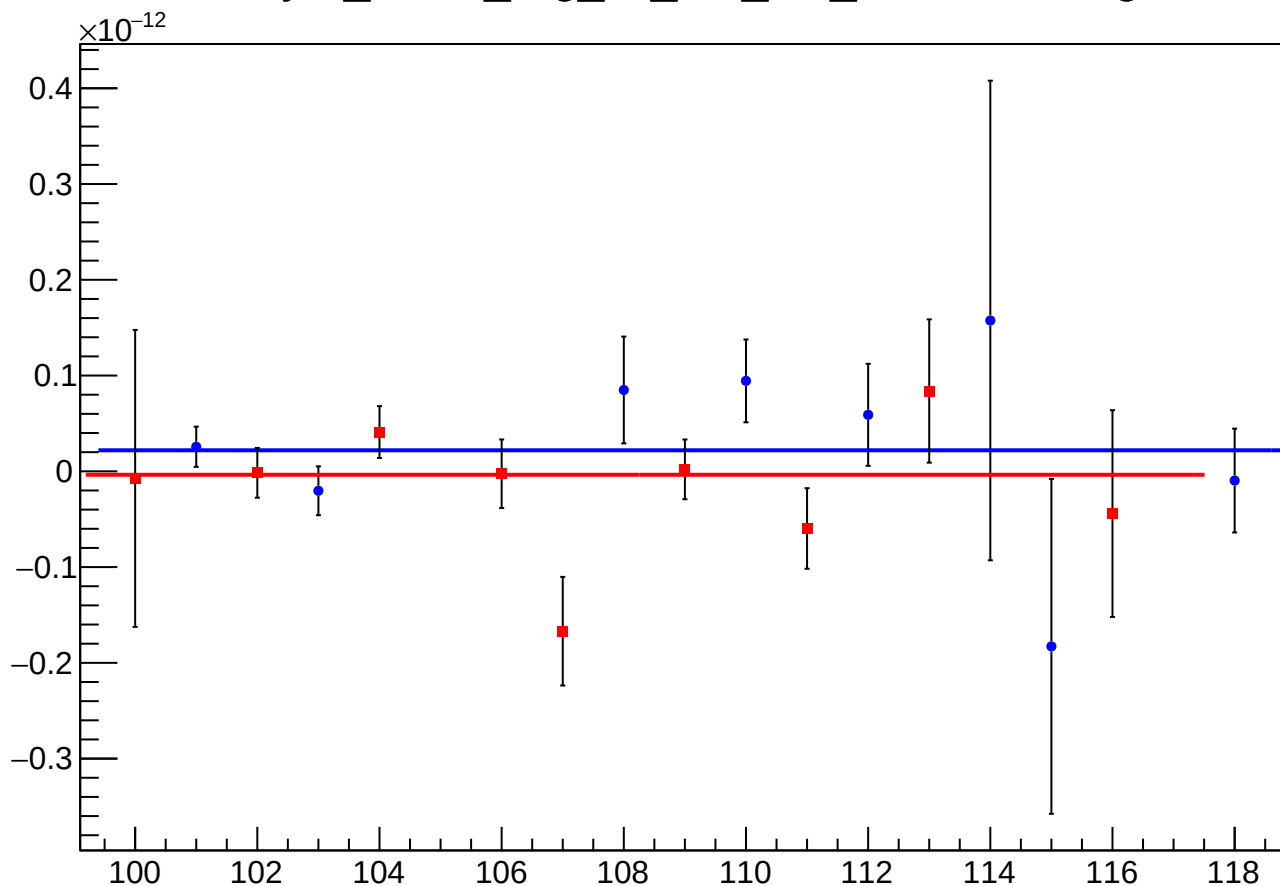
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.991 $\pm$ 0.044 χ^2 /NDF: 2746513.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_vs_cor_diff_mean vs Slug



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 : 14.3/8

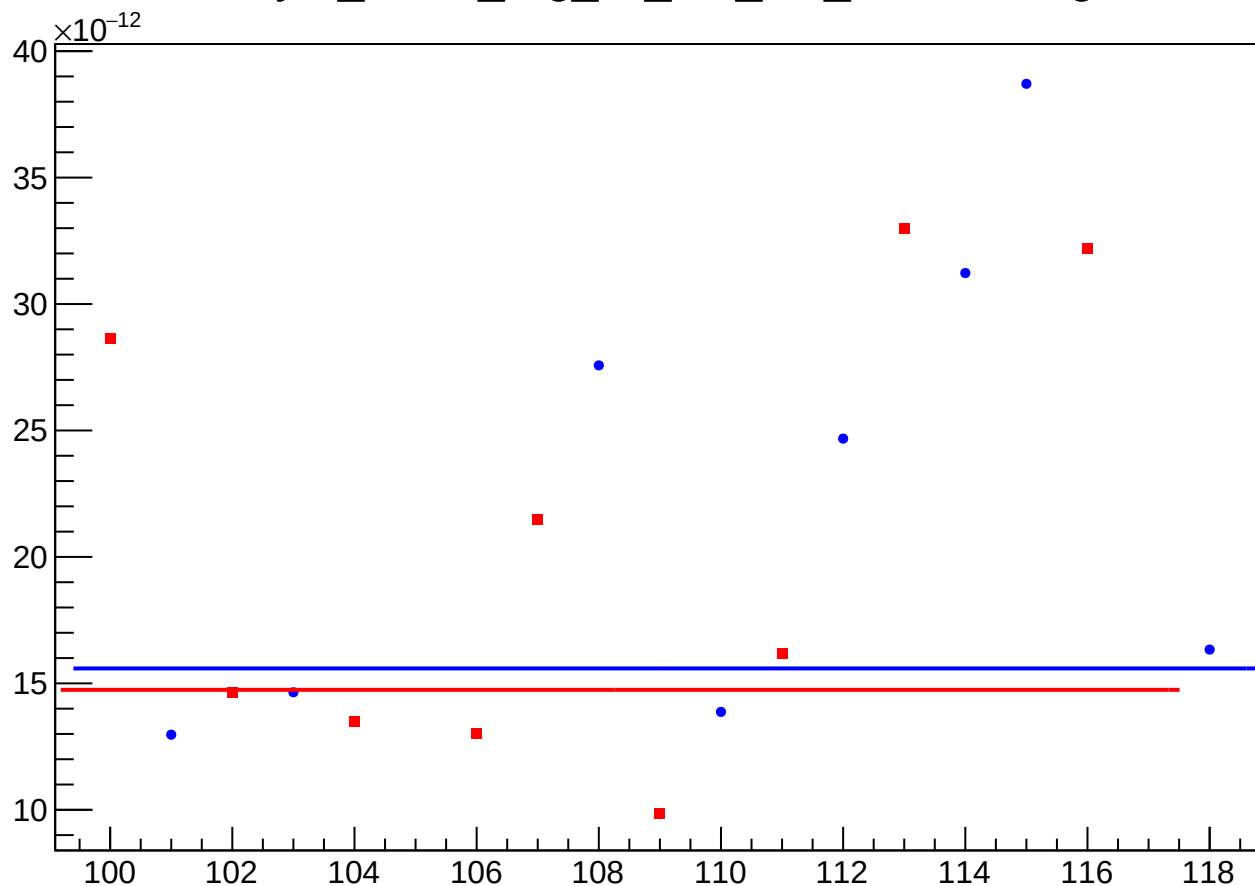
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 25.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_vs_cor_diff_rms vs Slug



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 : 276151.6/8

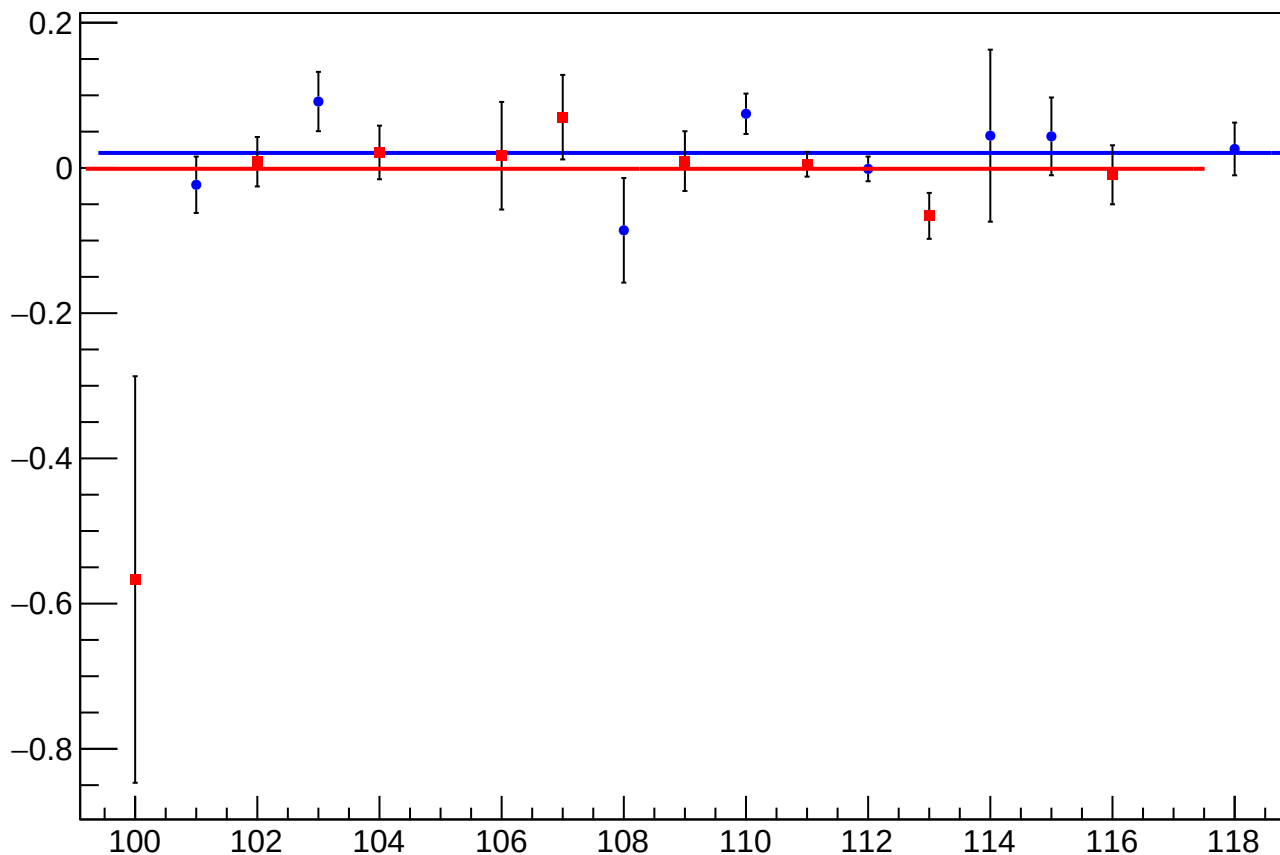
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 510986.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.012 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.011 χ^2 /NDF: 10.5/8

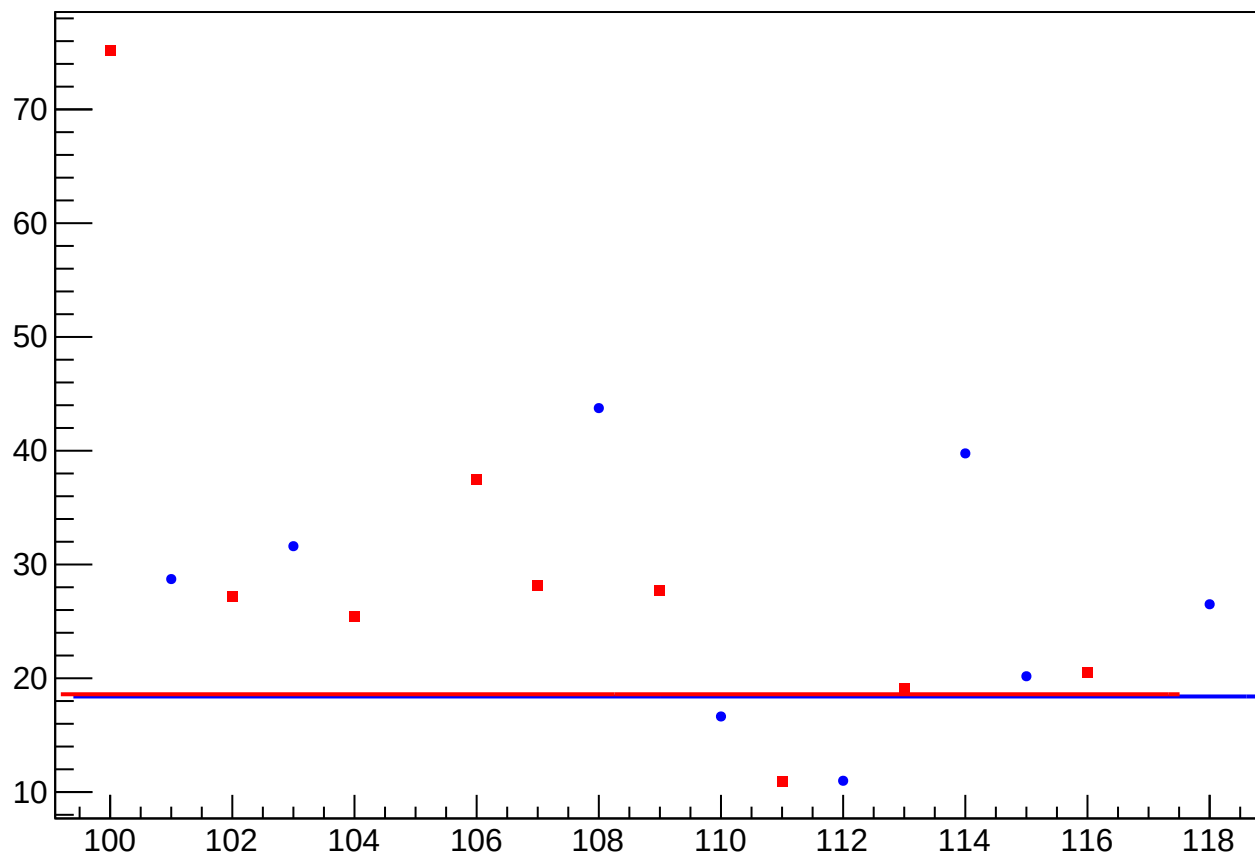
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 24.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



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: 18.596+/-0.008 χ^2/NDF : 970918.2/8

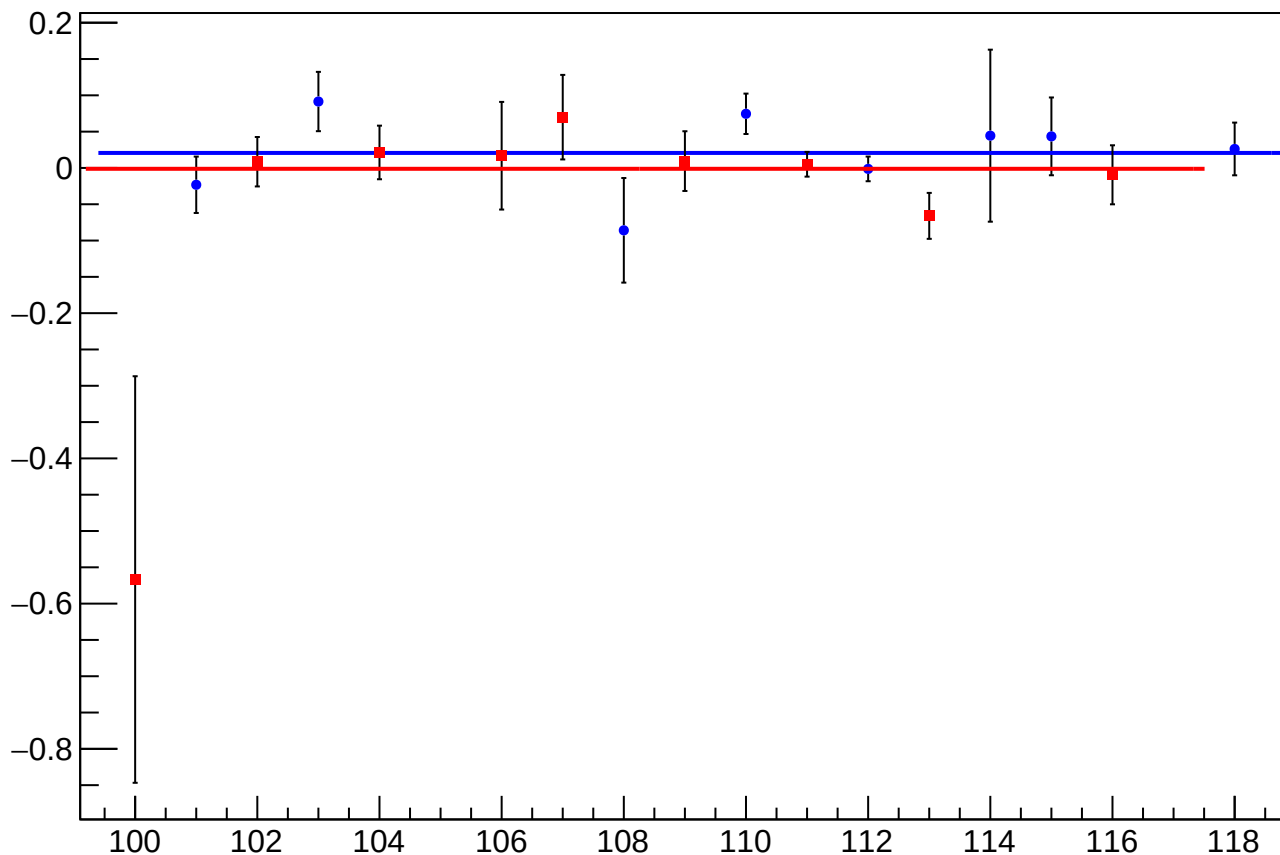
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.500+/-0.006 χ^2/NDF : 2124724.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.012 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.011 χ^2 /NDF: 10.5/8

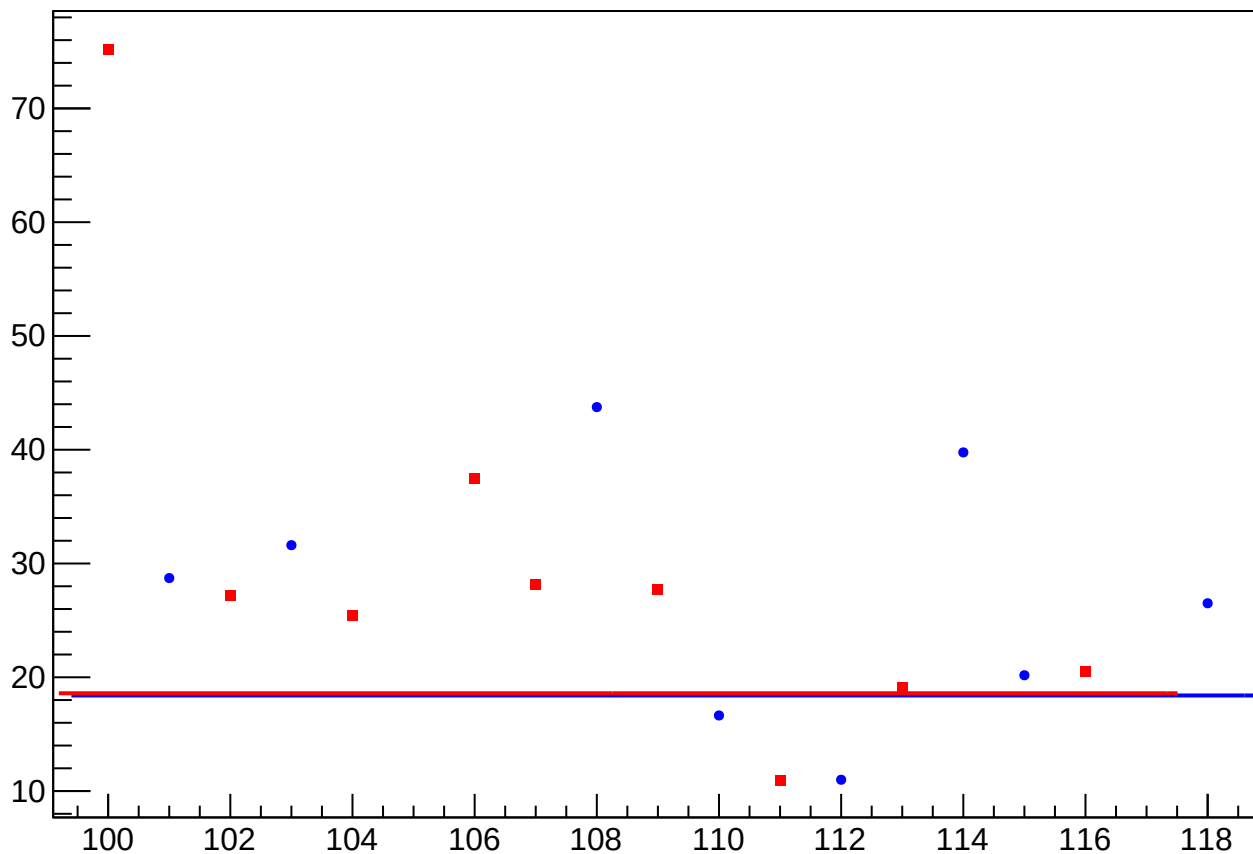
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 24.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



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: 18.596+/-0.008 χ^2/NDF : 970918.2/8

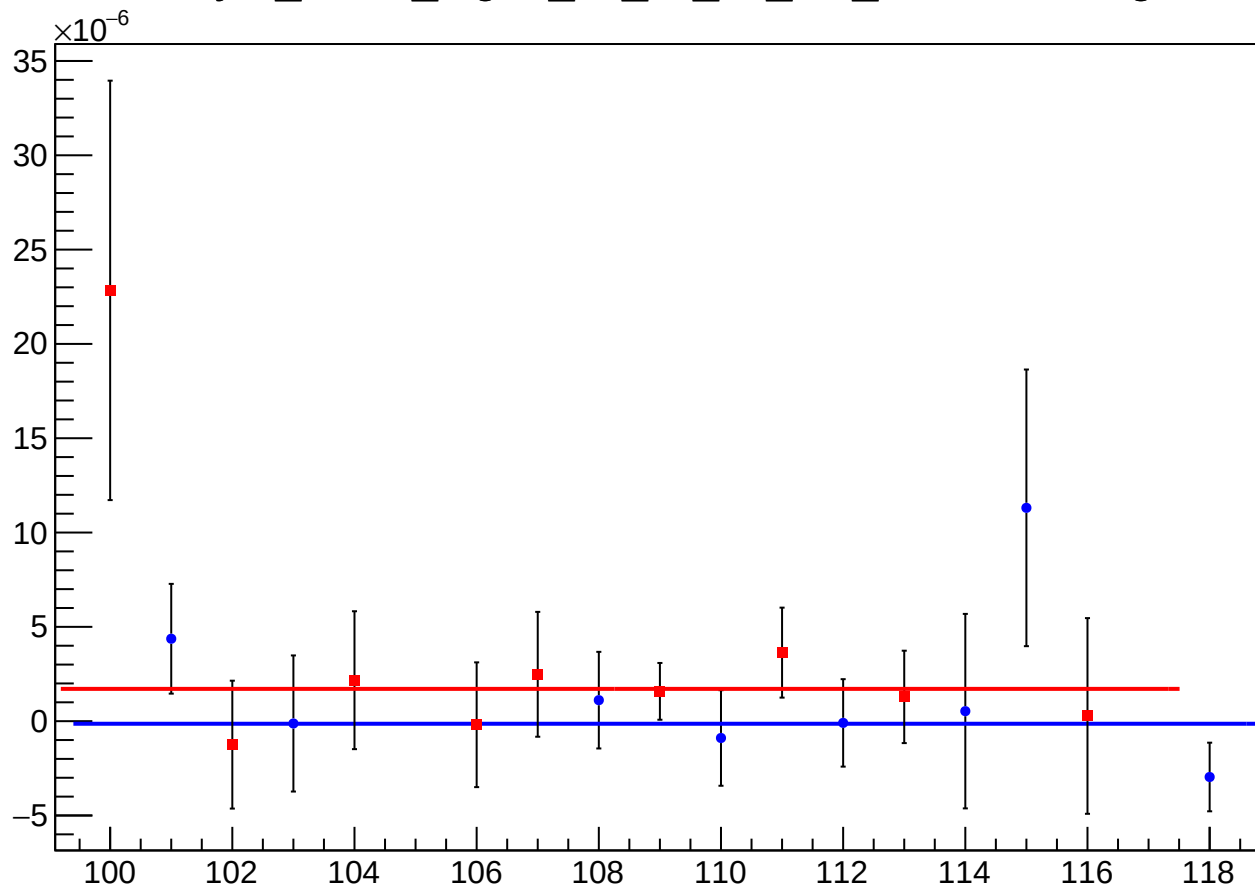
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.500+/-0.006 χ^2/NDF : 2124724.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



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 : 5.5/8

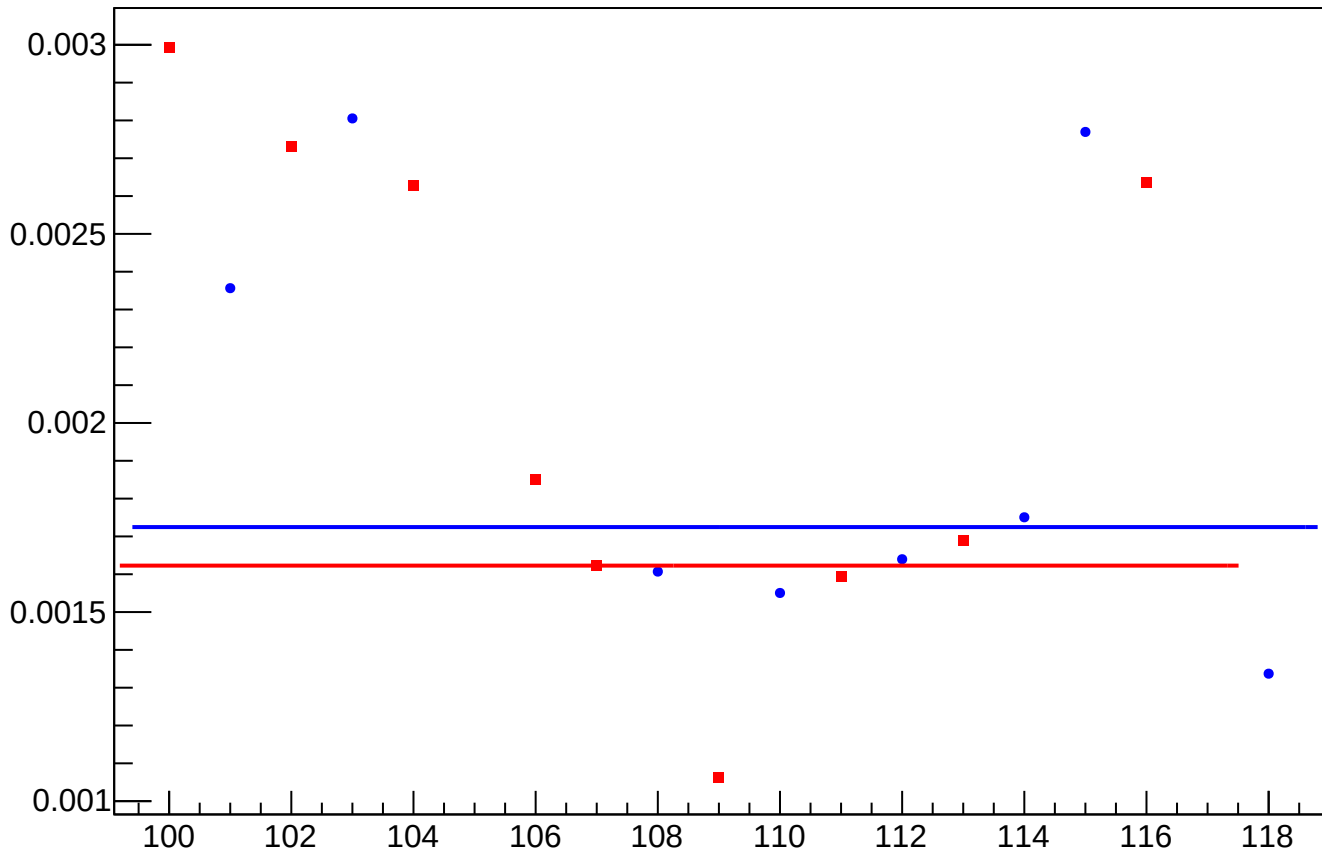
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 421583.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 759361.6/8

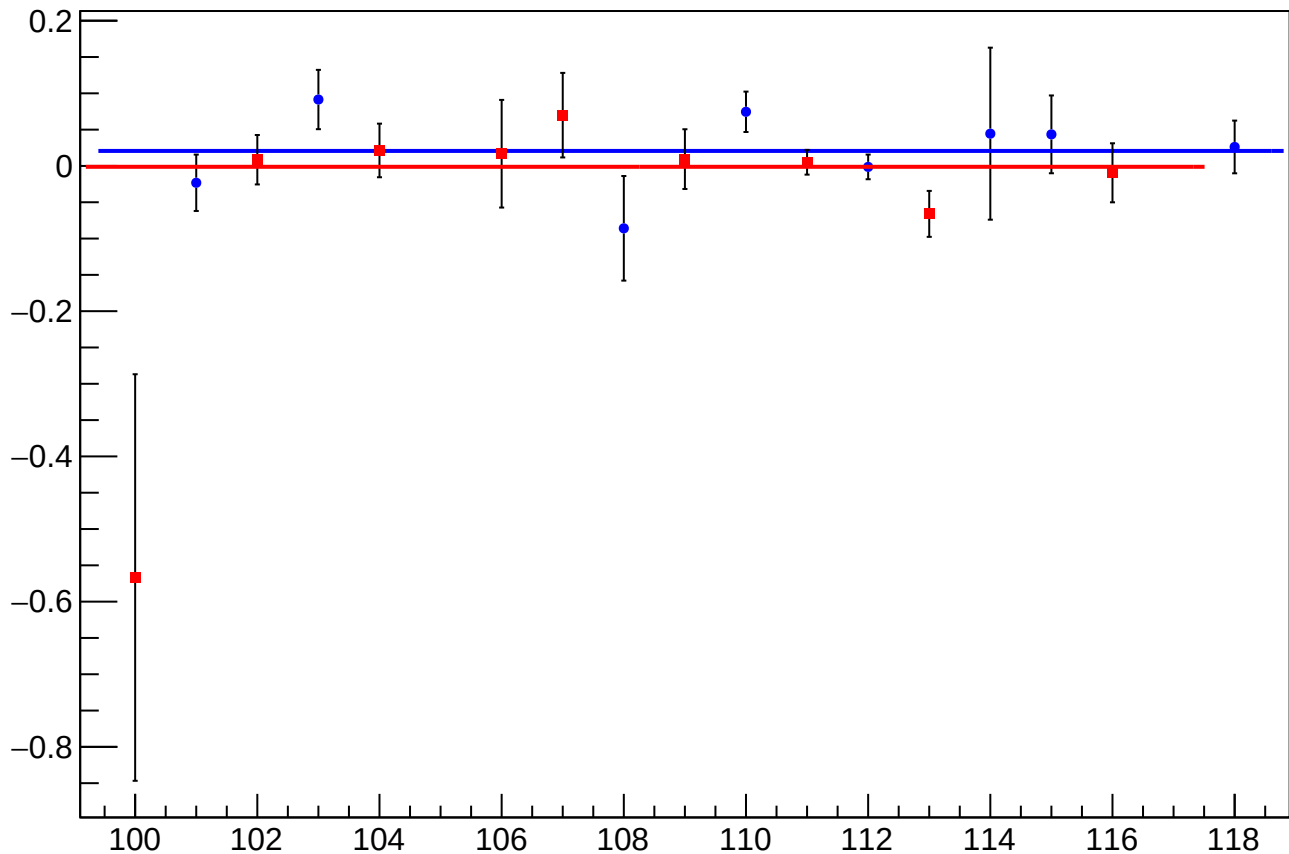
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1192443.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.012 χ^2 /NDF: 12.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.001 $\pm$ 0.011 χ^2 /NDF: 10.5/8

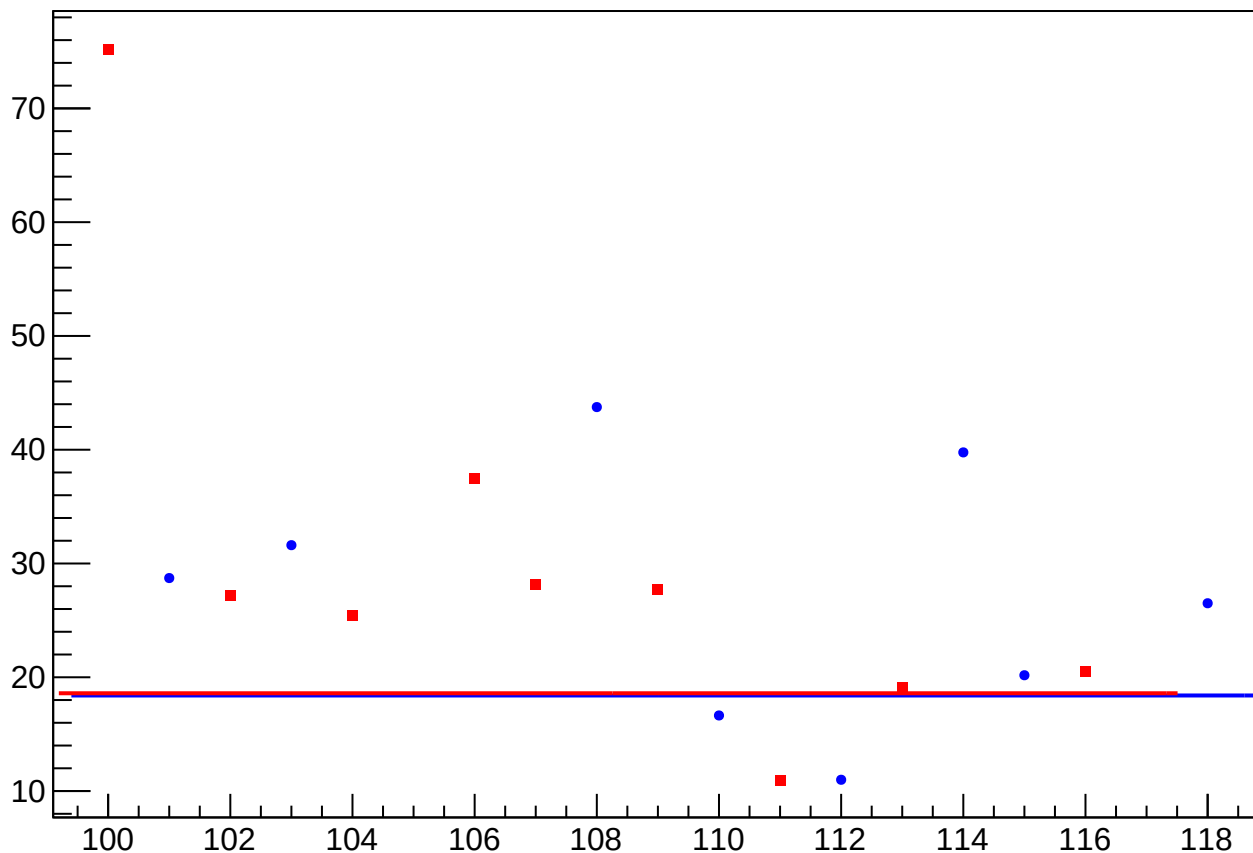
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.008 χ^2 /NDF: 24.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



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: 18.595+/-0.008 χ^2/NDF : 971034.9/8

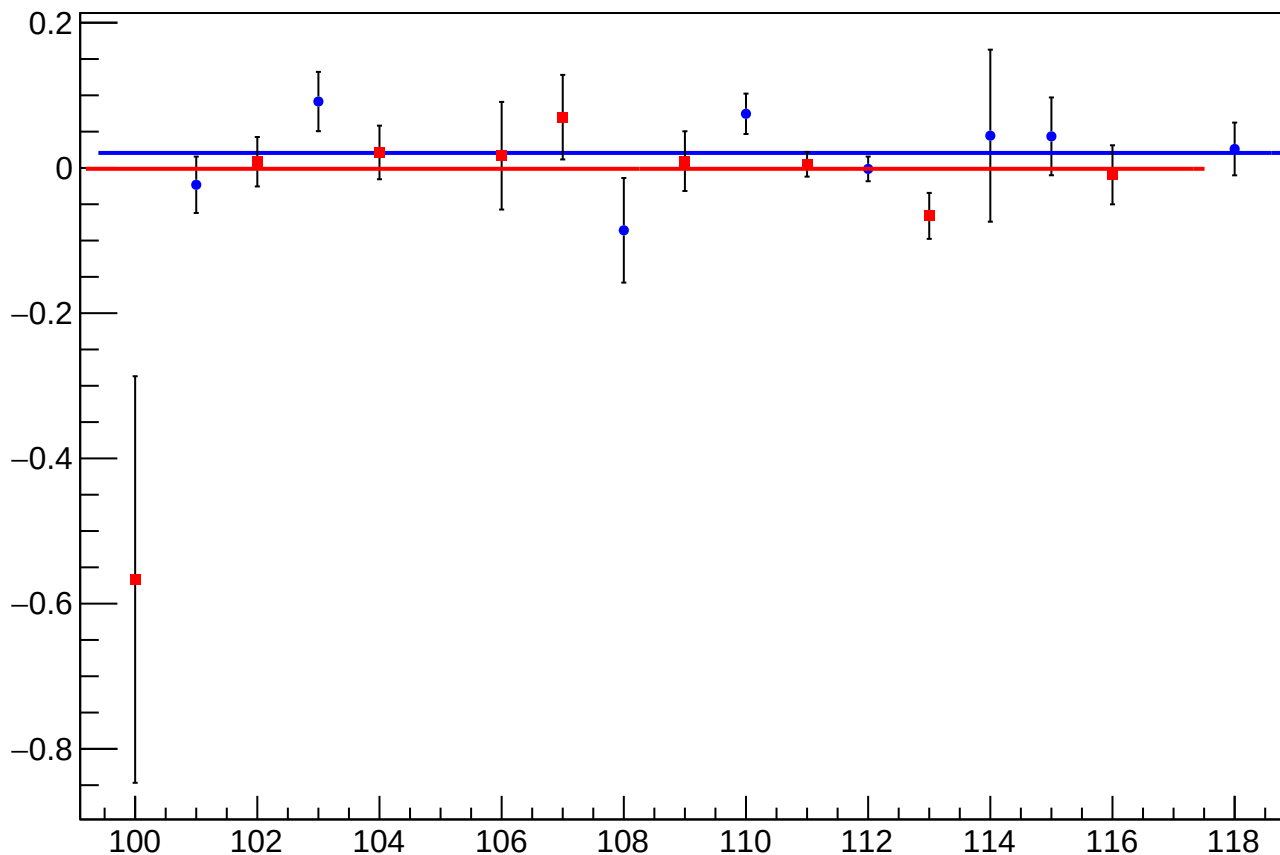
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.500+/-0.006 χ^2/NDF : 2124956.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.001+/-0.011 χ^2/NDF : 10.5/8

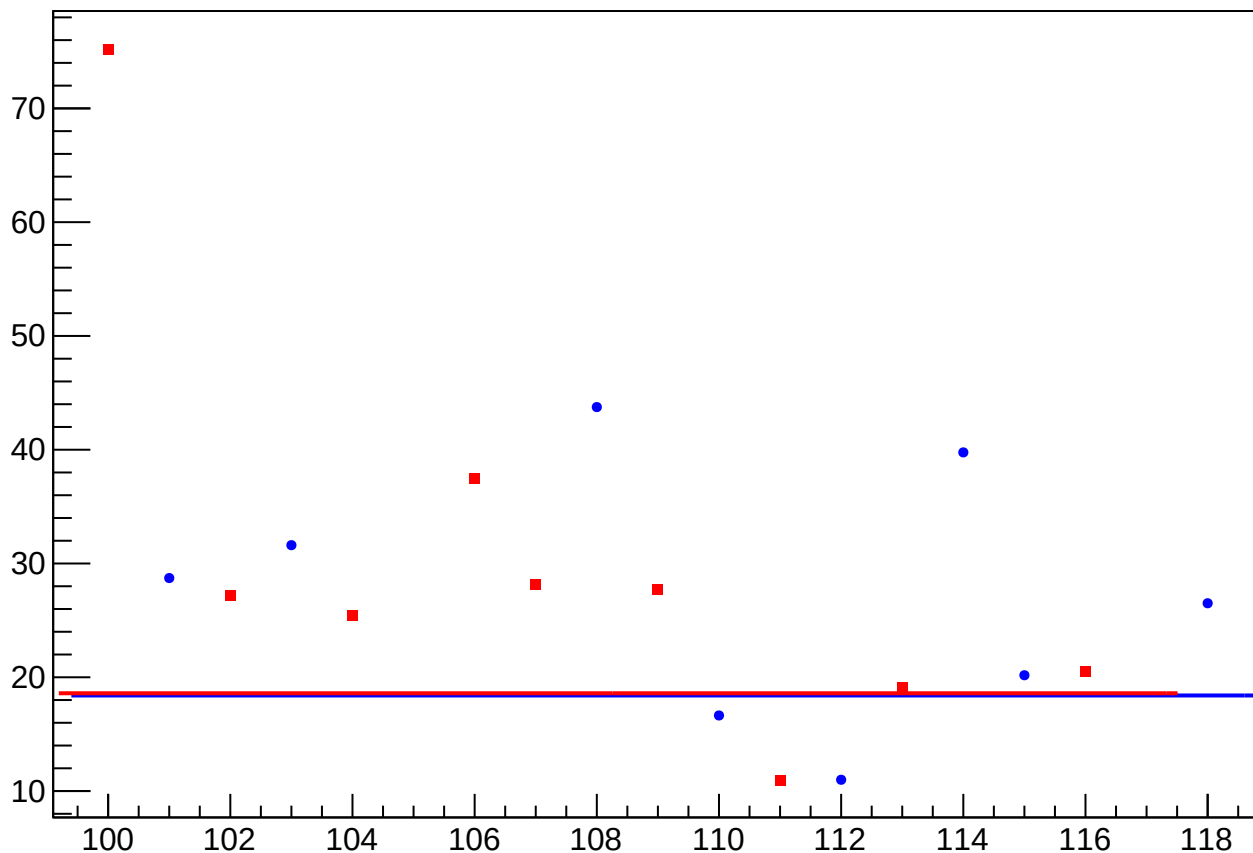
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.008 χ^2/NDF : 24.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 18.595+/-0.008 χ^2/NDF : 971034.9/8

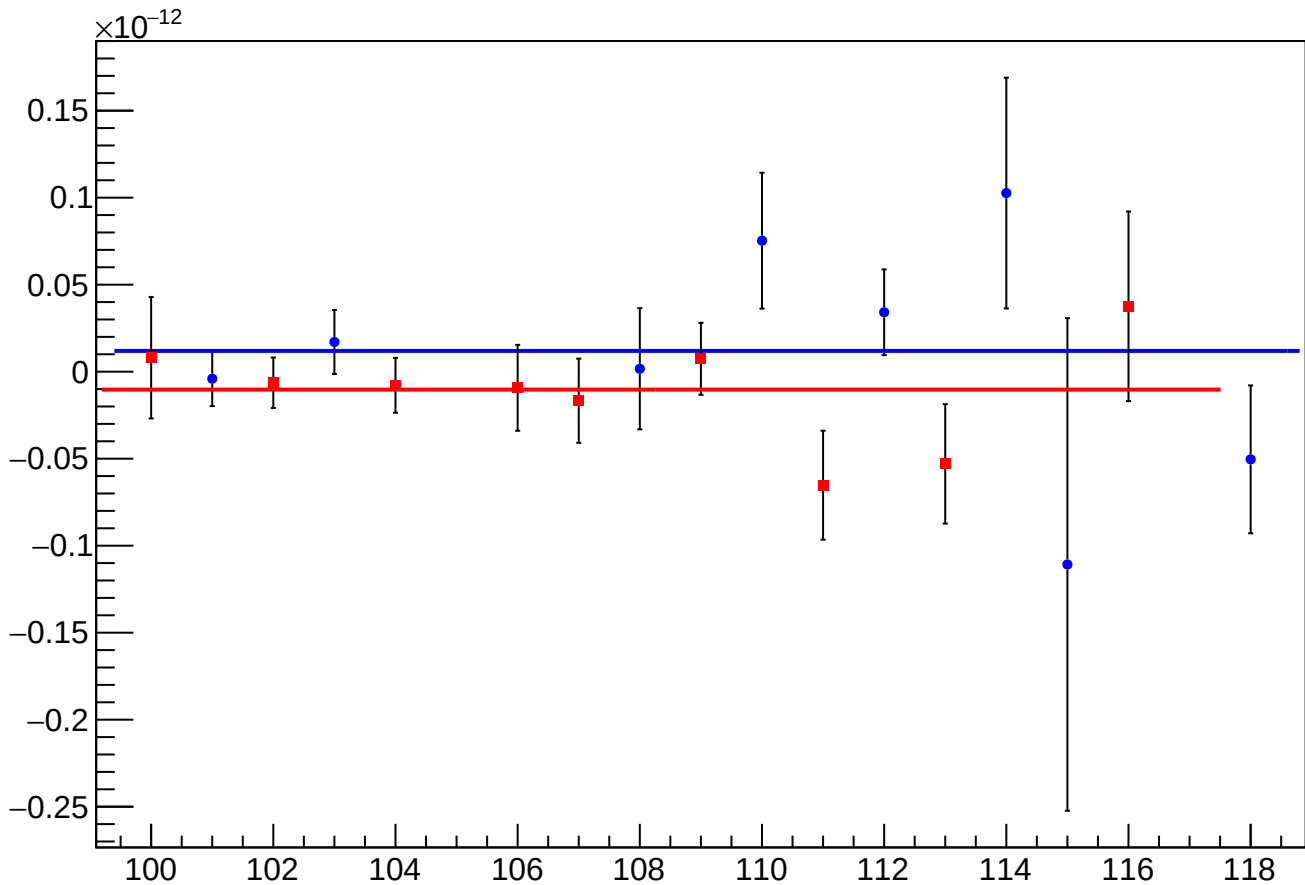
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.500+/-0.006 χ^2/NDF : 2124956.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



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 : 6.6/8

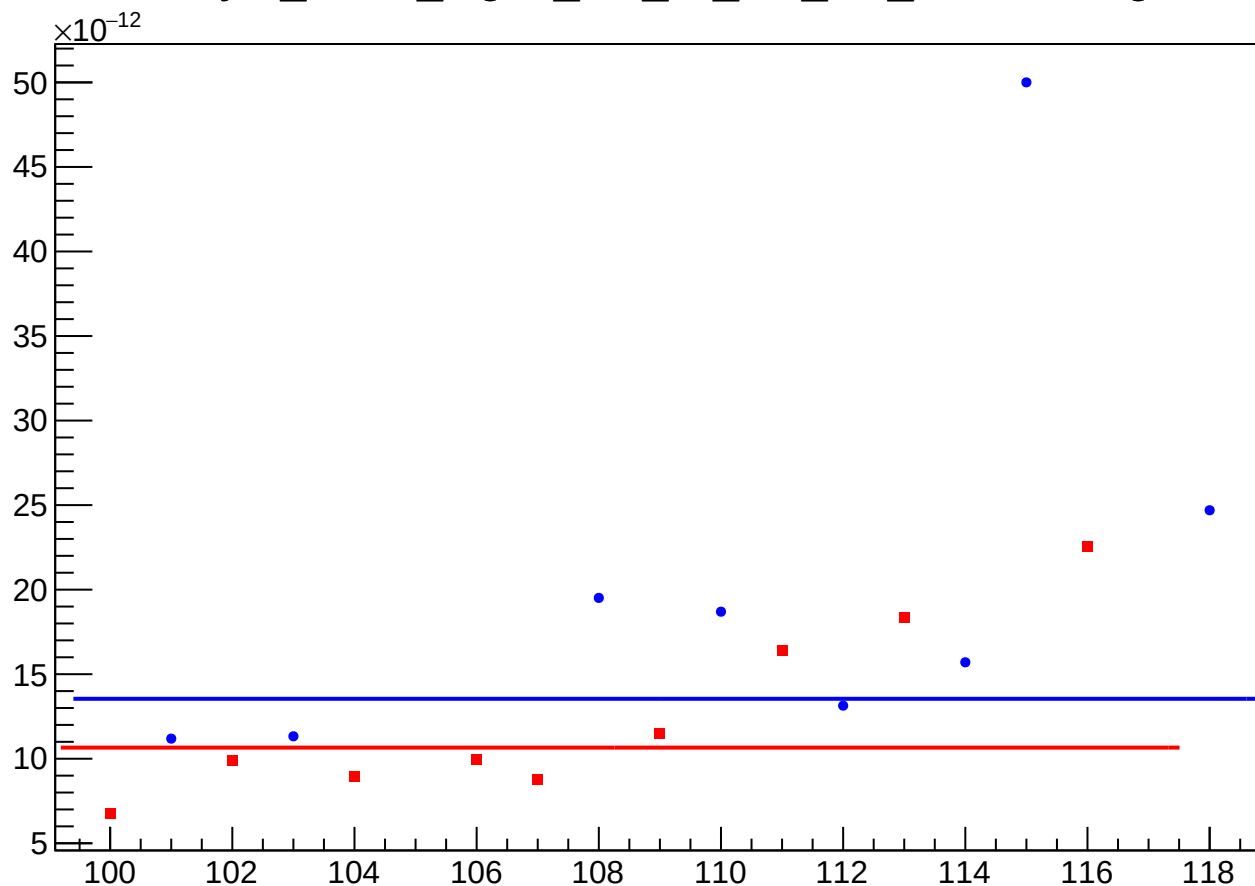
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



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 : 334725.4/8

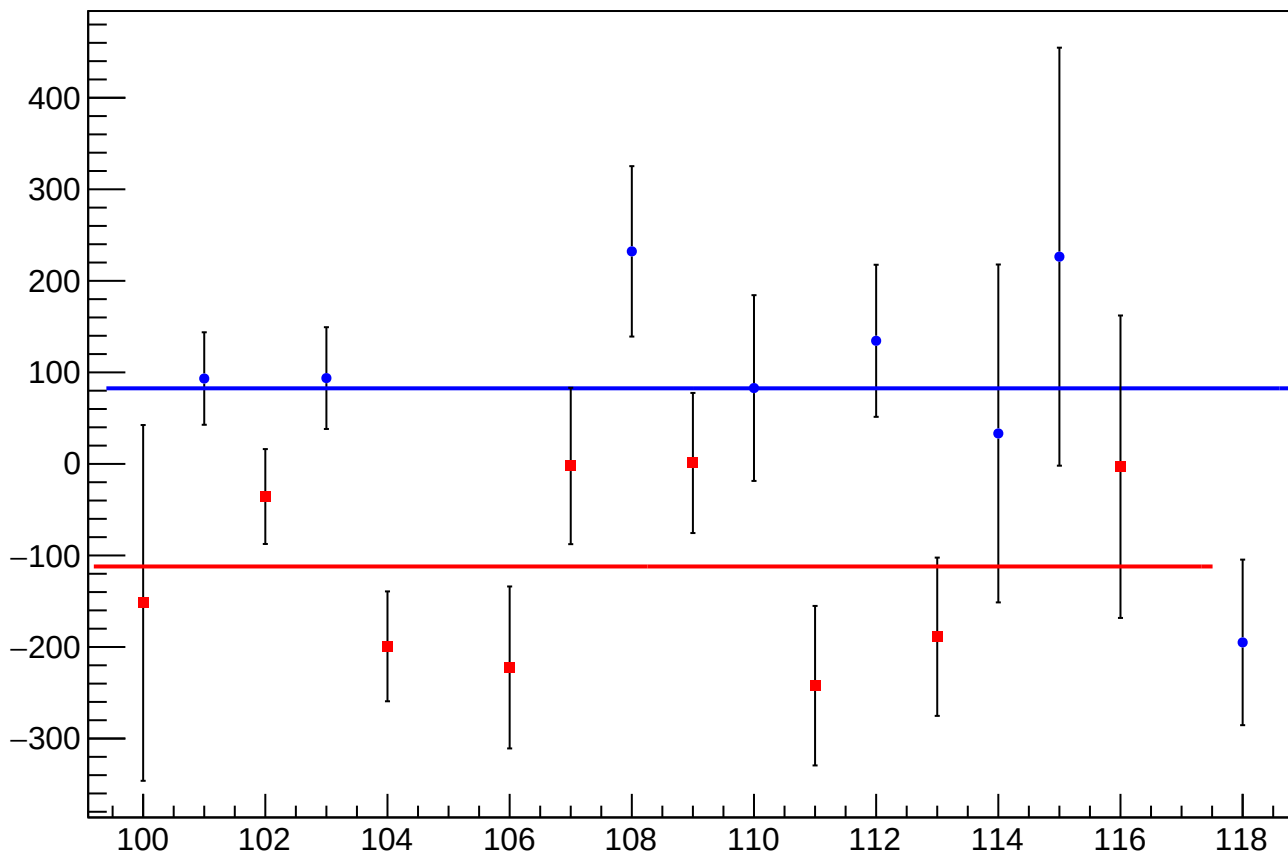
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 887588.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



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: -112.037+/-26.594 χ^2/NDF : 13.2/8

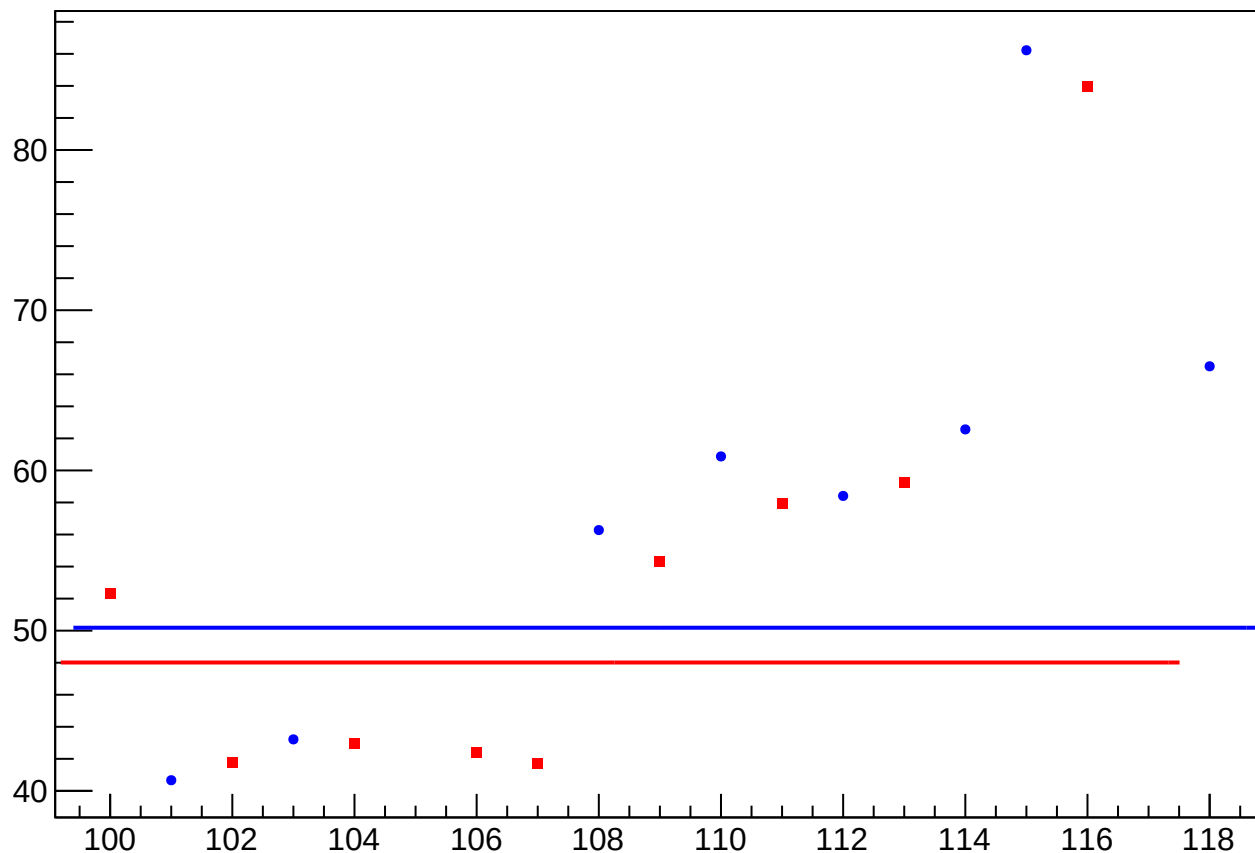
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.961+/-19.398 χ^2/NDF : 51.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_rms vs Slug



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: 48.012+/-0.019 χ^2/NDF : 231196.5/8

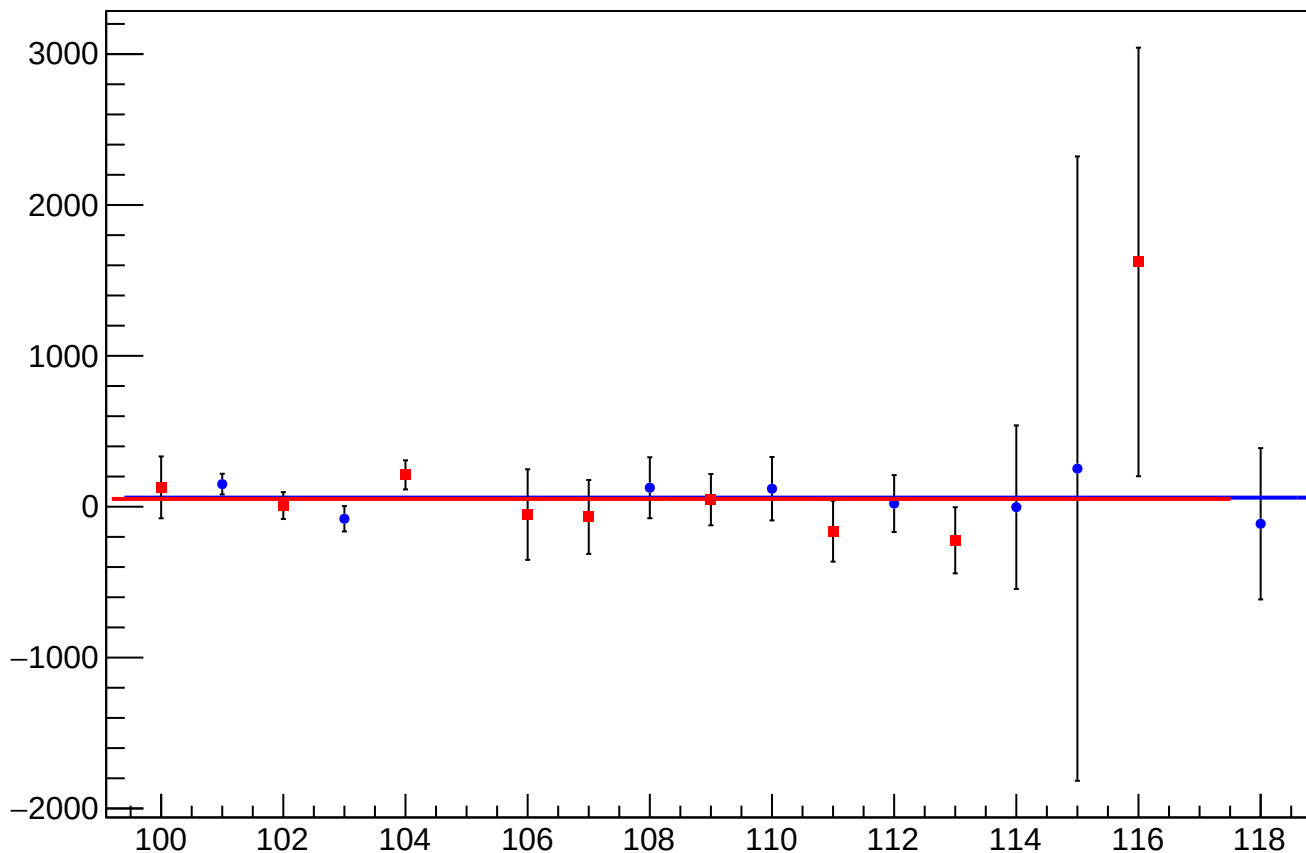
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.028+/-0.014 χ^2/NDF : 514204.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



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: 51.540+/-52.299 χ^2/NDF : 7.4/8

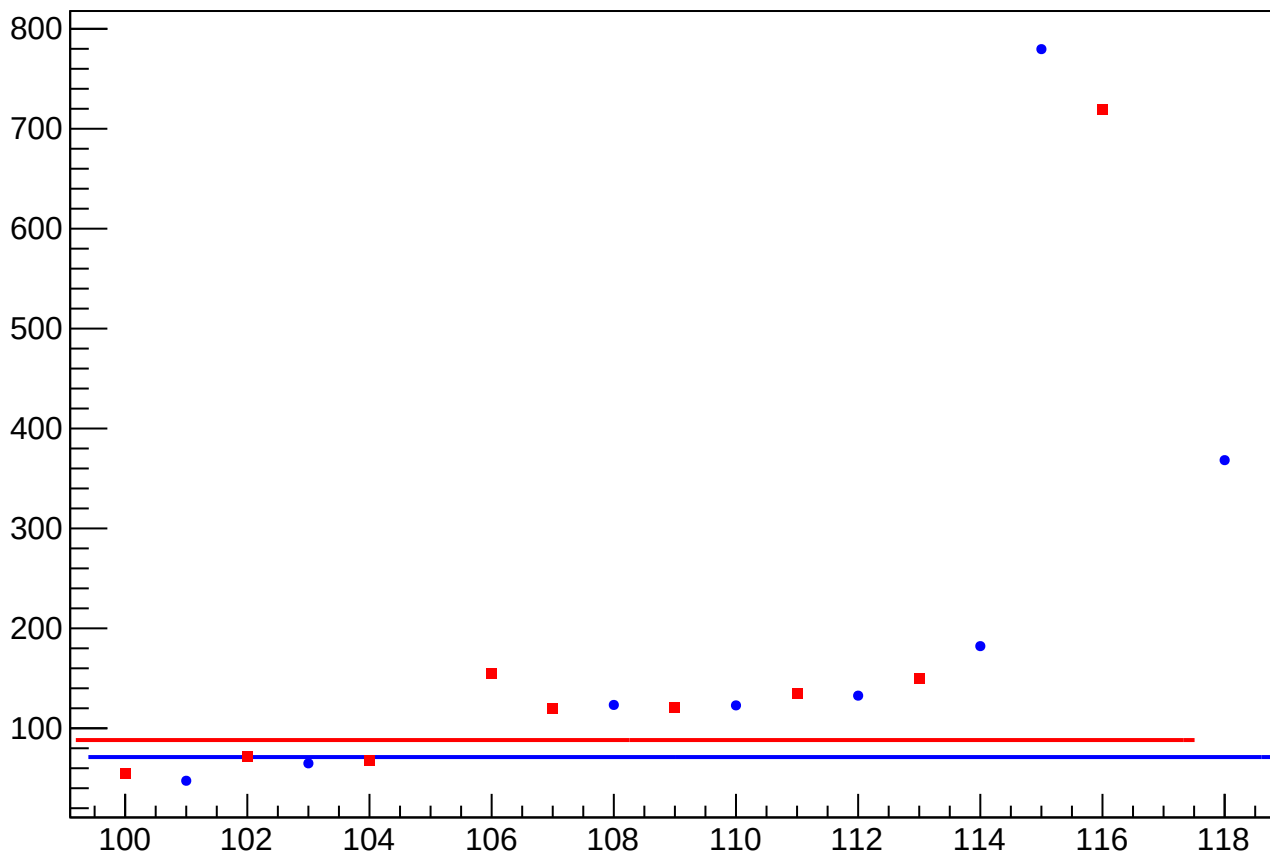
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.212+/-35.321 χ^2/NDF : 12.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 71.186 $\pm$ 0.034 χ^2 /NDF: 1736048.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.207 $\pm$ 0.037 χ^2 /NDF: 1083581.1/8

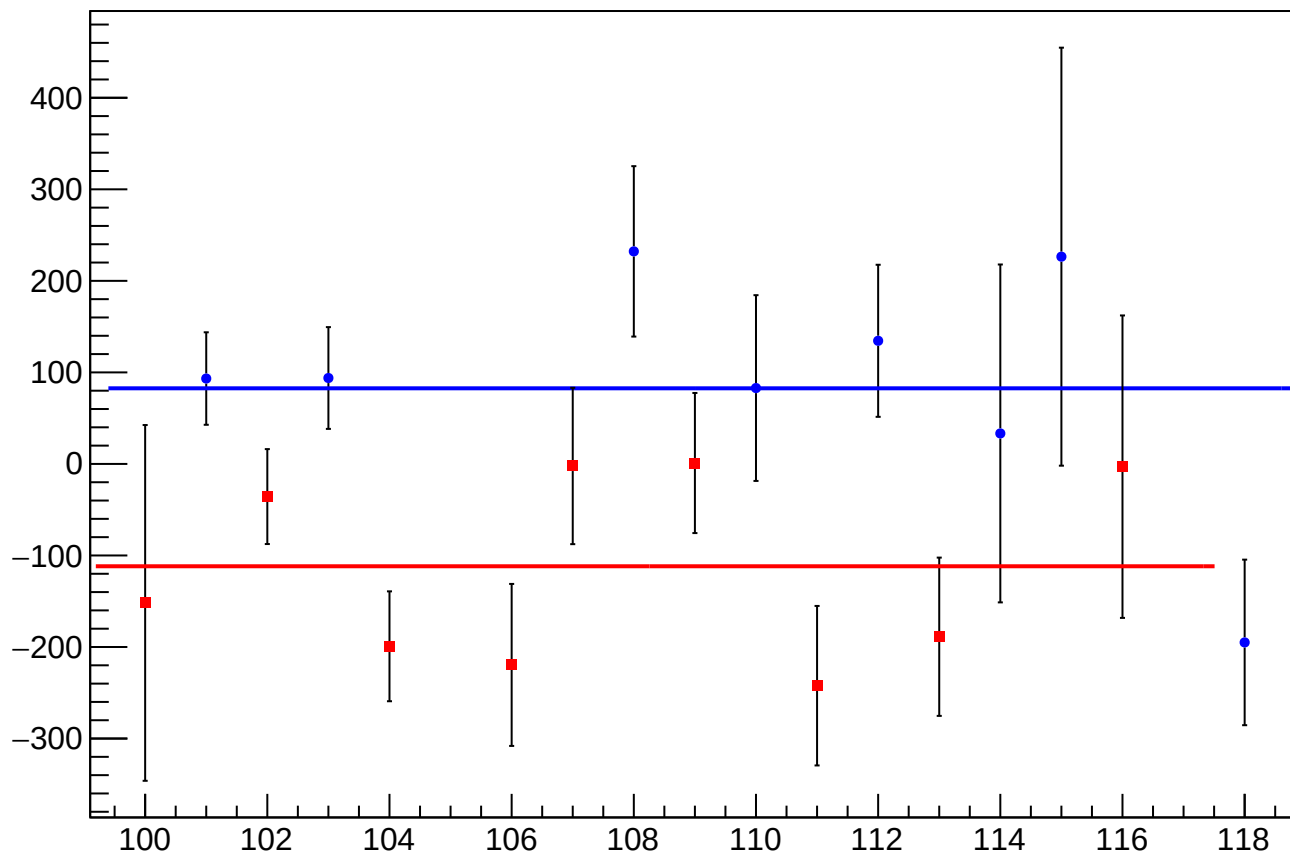
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.950 $\pm$ 0.025 χ^2 /NDF: 2934843.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_avg_mean vs Slug



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: -111.798+/-26.597 χ^2/NDF : 13.1/8

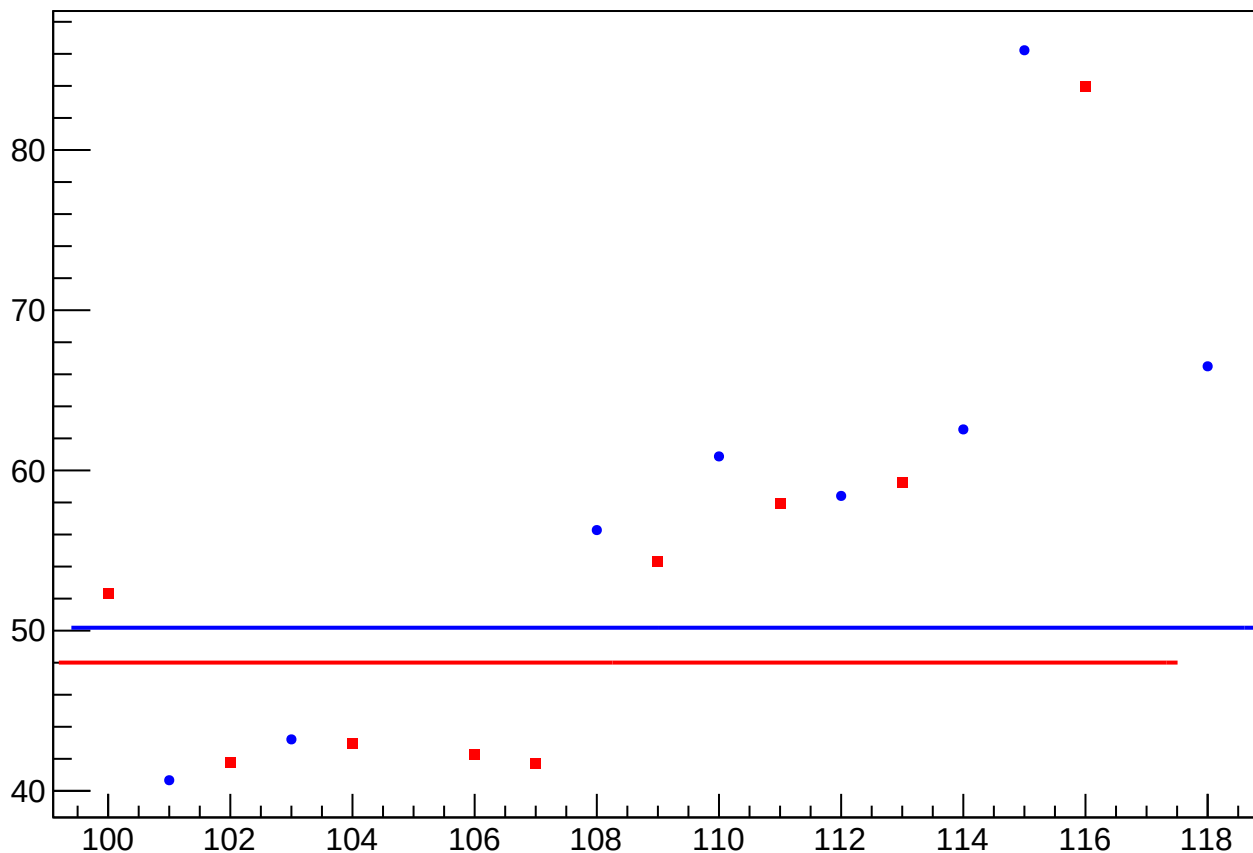
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.811+/-19.399 χ^2/NDF : 51.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_rms vs Slug



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: 48.007+/-0.019 χ^2/NDF : 231375.7/8

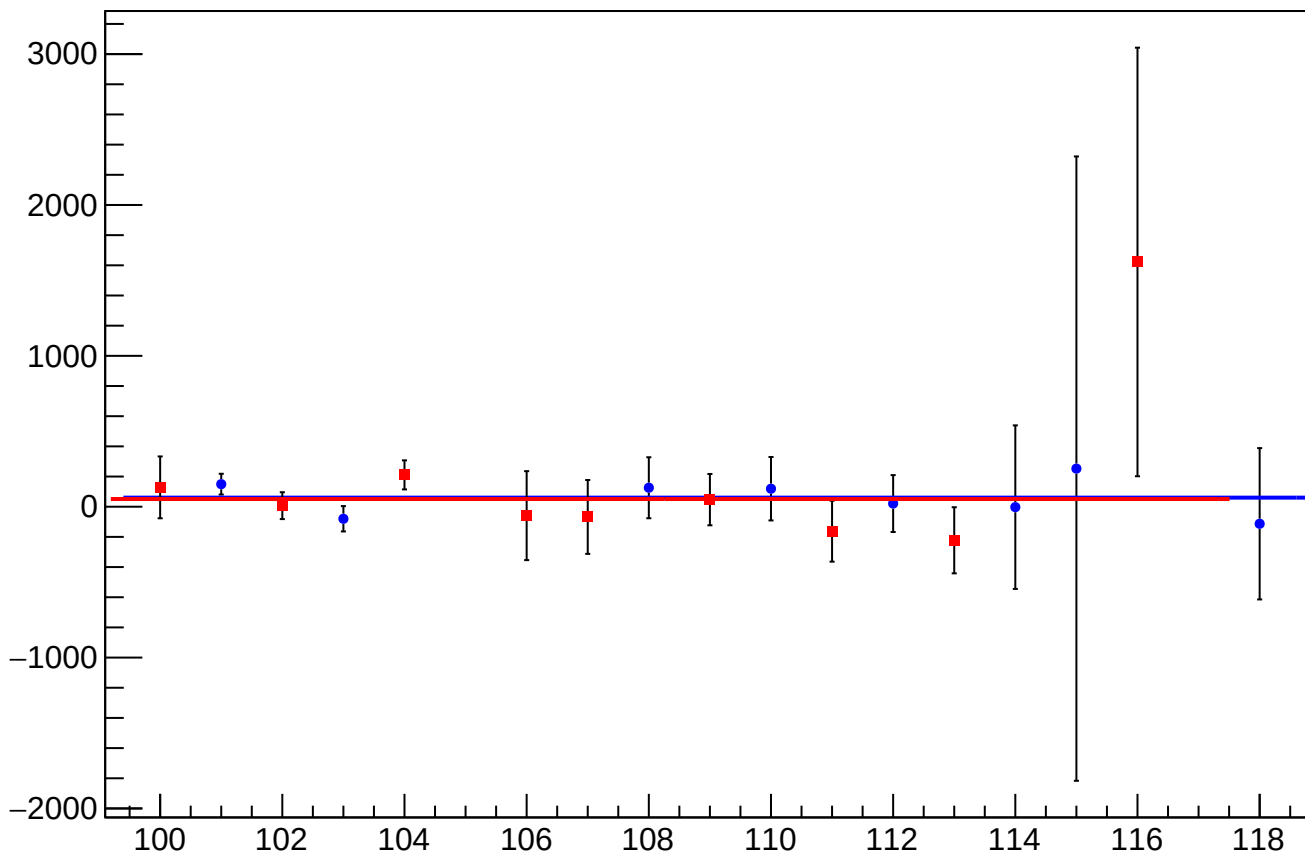
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.025+/-0.014 χ^2/NDF : 514412.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



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: 51.016+/-52.251 χ^2/NDF : 7.4/8

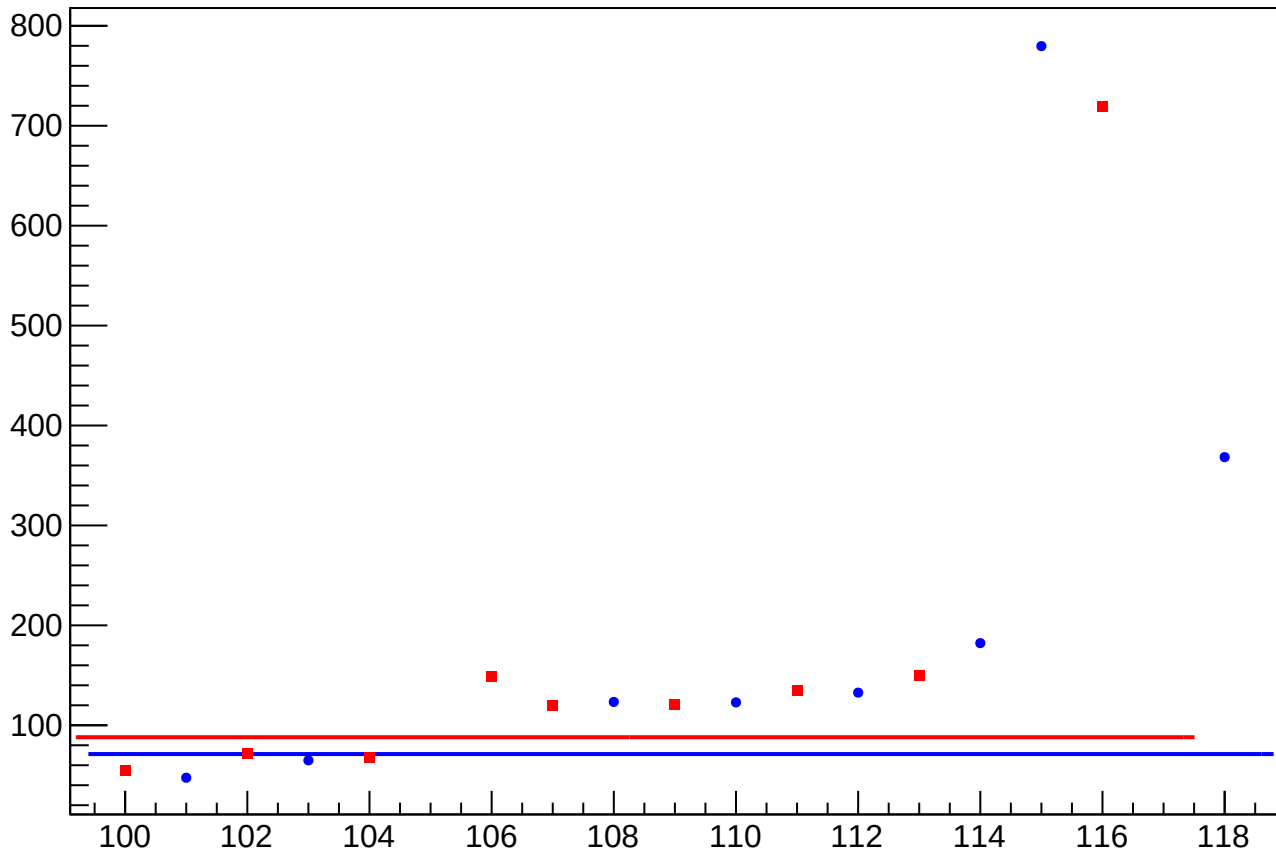
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.972+/-35.305 χ^2/NDF : 12.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



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: 88.051+/-0.037 χ^2/NDF : 1070451.2/8

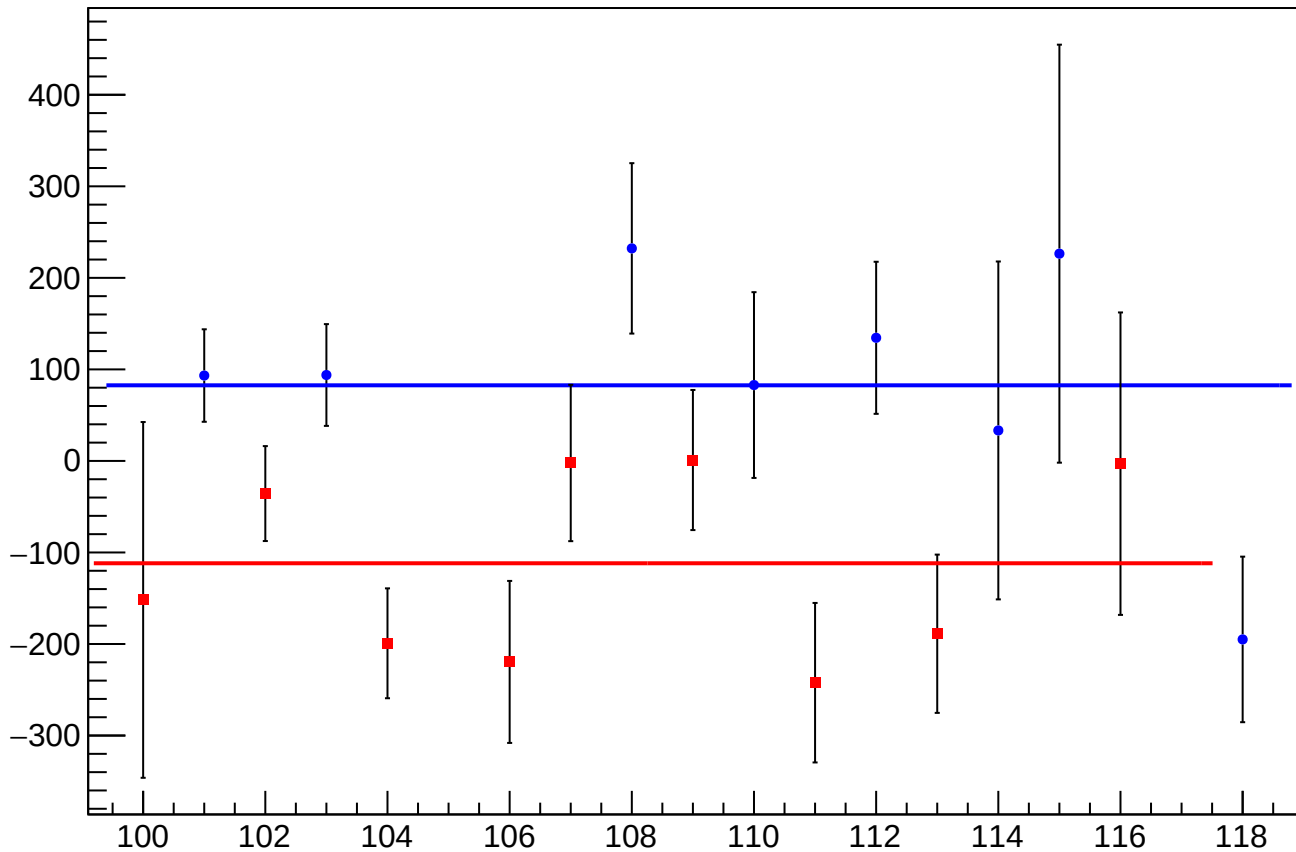
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.885+/-0.025 χ^2/NDF : 2919764.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



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: -111.798 $\pm$ 26.597 χ^2 /NDF: 13.1/8

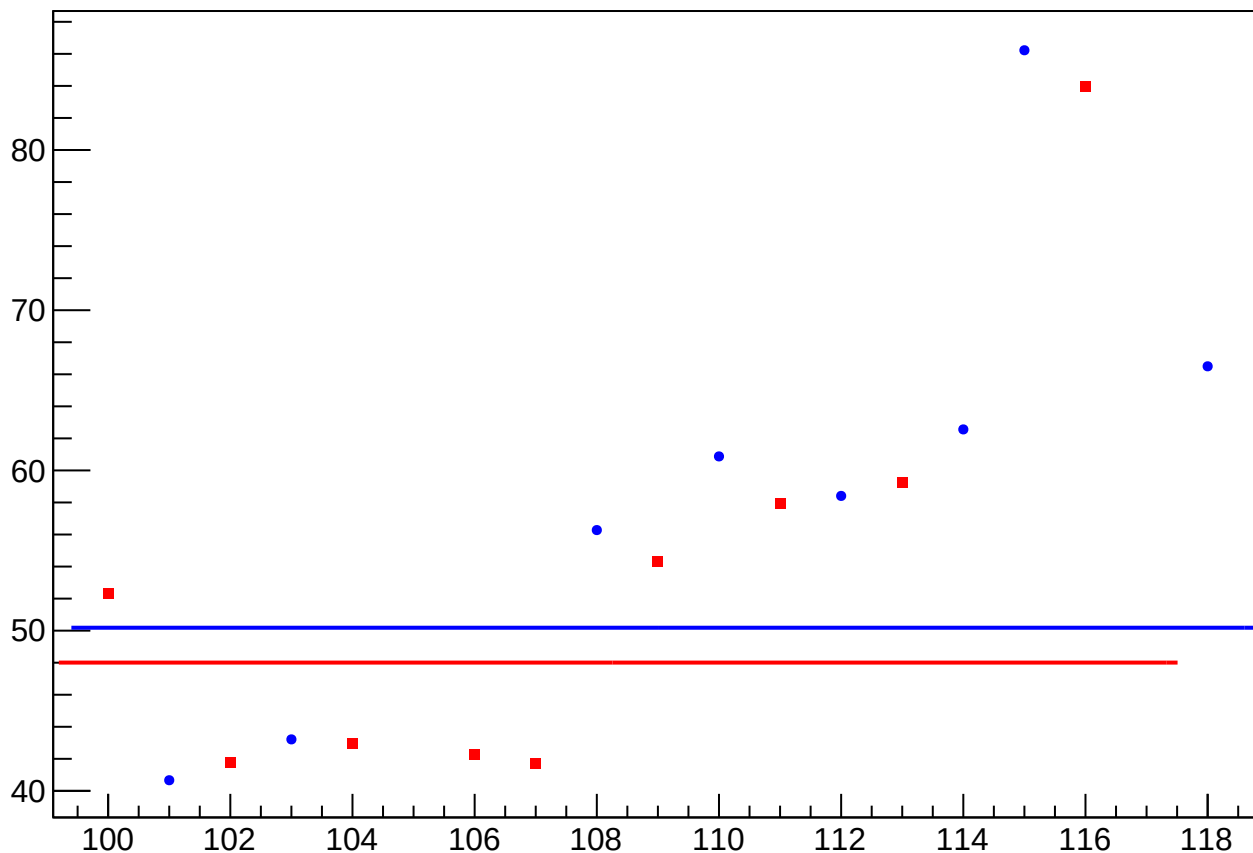
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.811 $\pm$ 19.399 χ^2 /NDF: 51.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



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: 48.007+/-0.019 χ^2/NDF : 231375.7/8

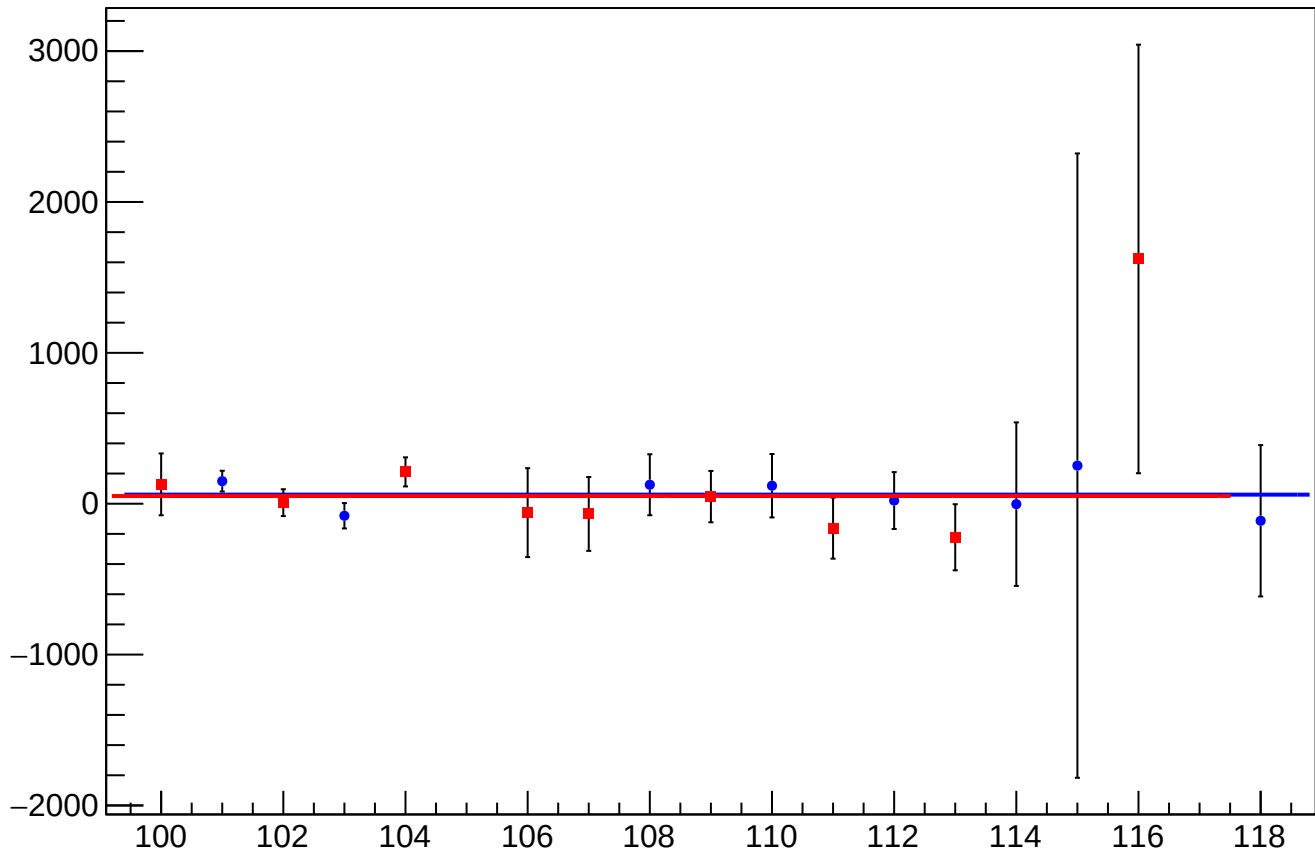
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.025+/-0.014 χ^2/NDF : 514412.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



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: 51.016+/-52.251 χ^2/NDF : 7.4/8

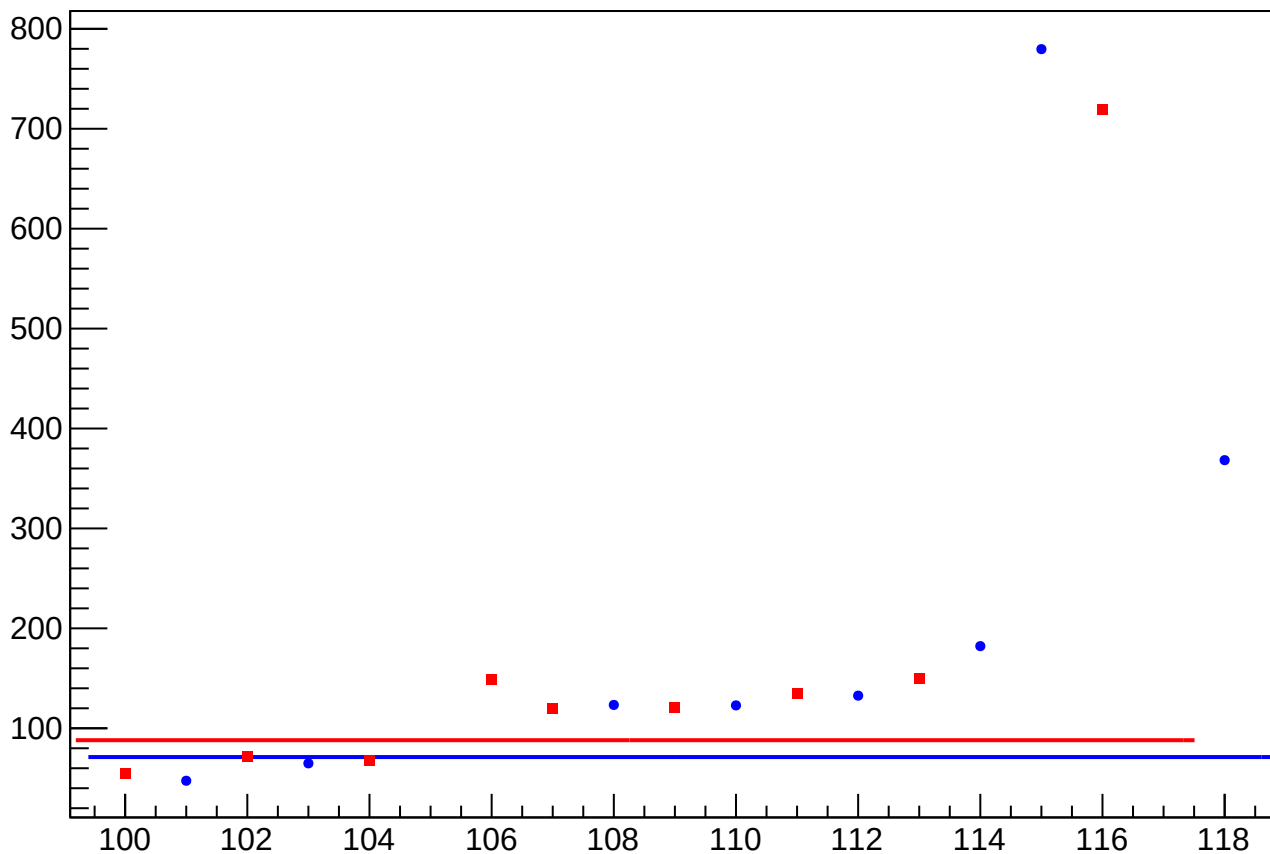
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.972+/-35.305 χ^2/NDF : 12.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



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: 88.051+/-0.037 χ^2/NDF : 1070451.2/8

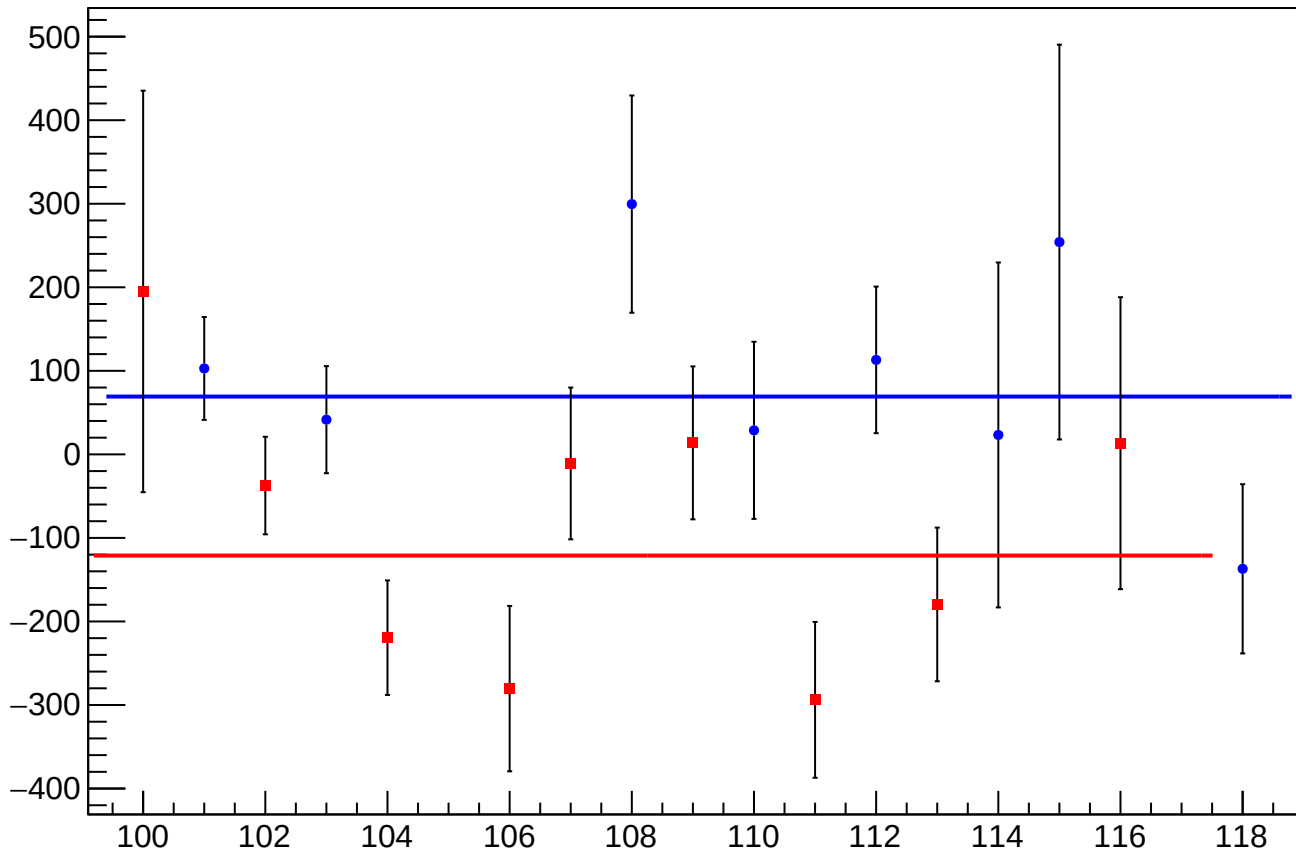
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.885+/-0.025 χ^2/NDF : 2919764.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 69.211 $\pm$ 32.895 χ^2 /NDF: 8.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -121.129 $\pm$ 29.724 χ^2 /NDF: 16.5/8

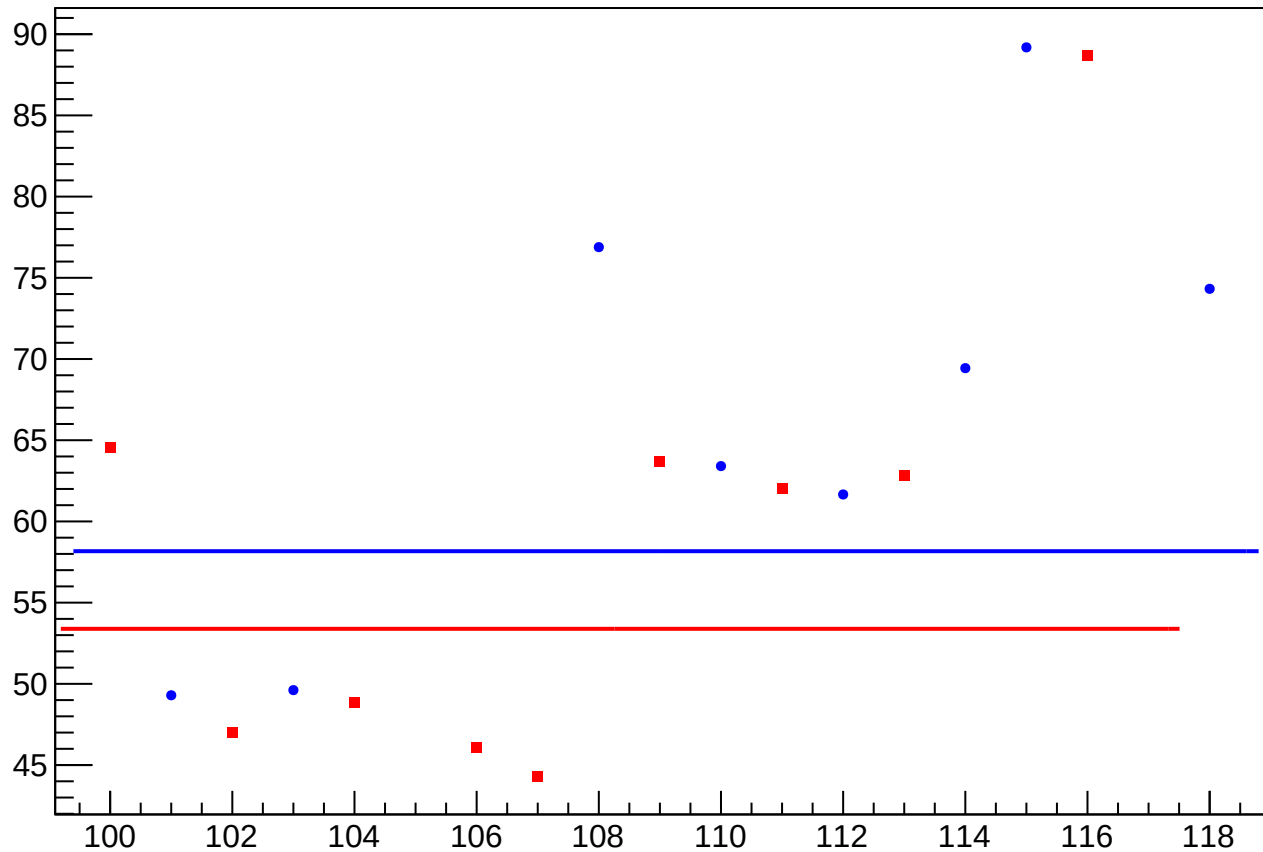
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.572 $\pm$ 22.054 χ^2 /NDF: 43.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



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: 53.389 $\pm$ 0.021 χ^2 /NDF: 213356.6/8

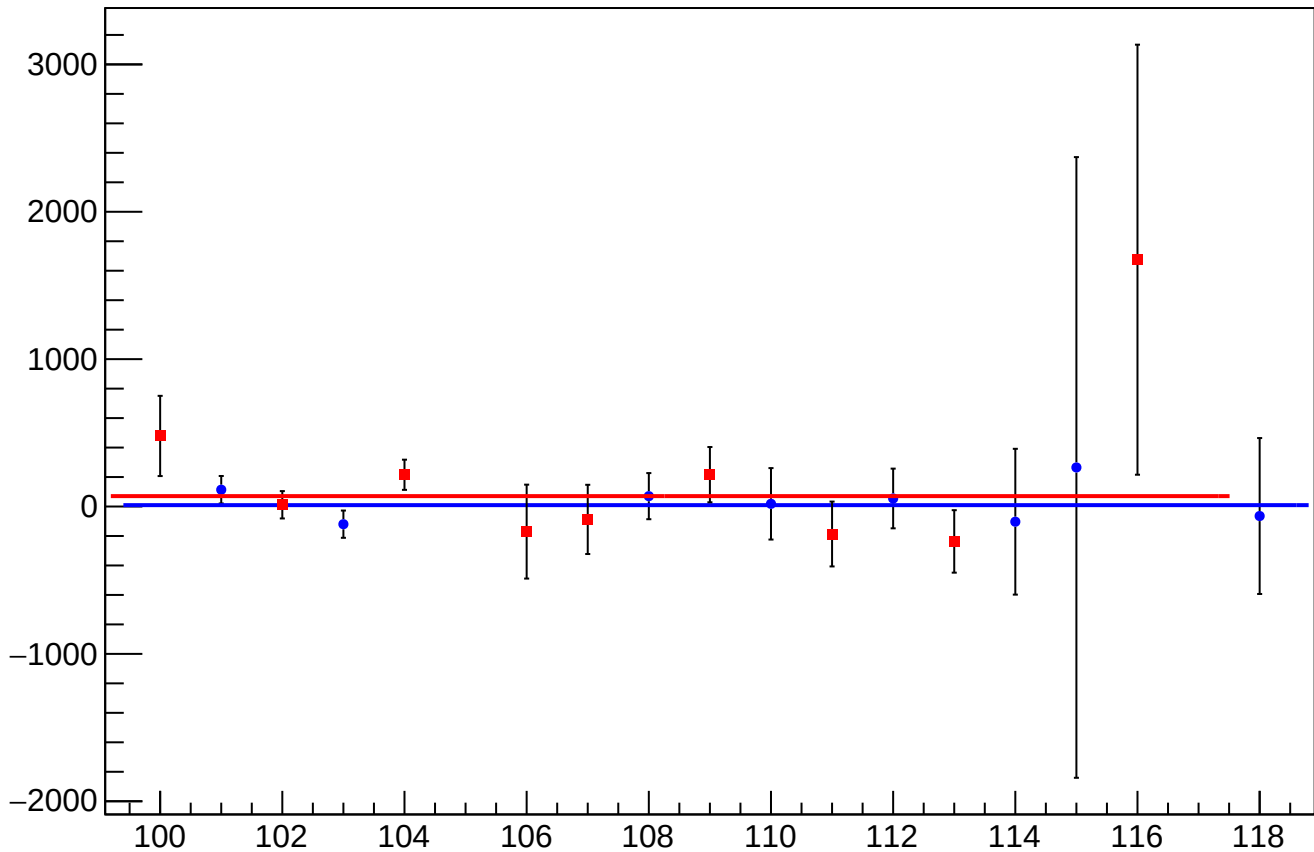
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.537 $\pm$ 0.016 χ^2 /NDF: 454574.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 9.327 $\pm$ 55.730 χ^2 /NDF: 3.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.572 $\pm$ 55.489 χ^2 /NDF: 11.0/8

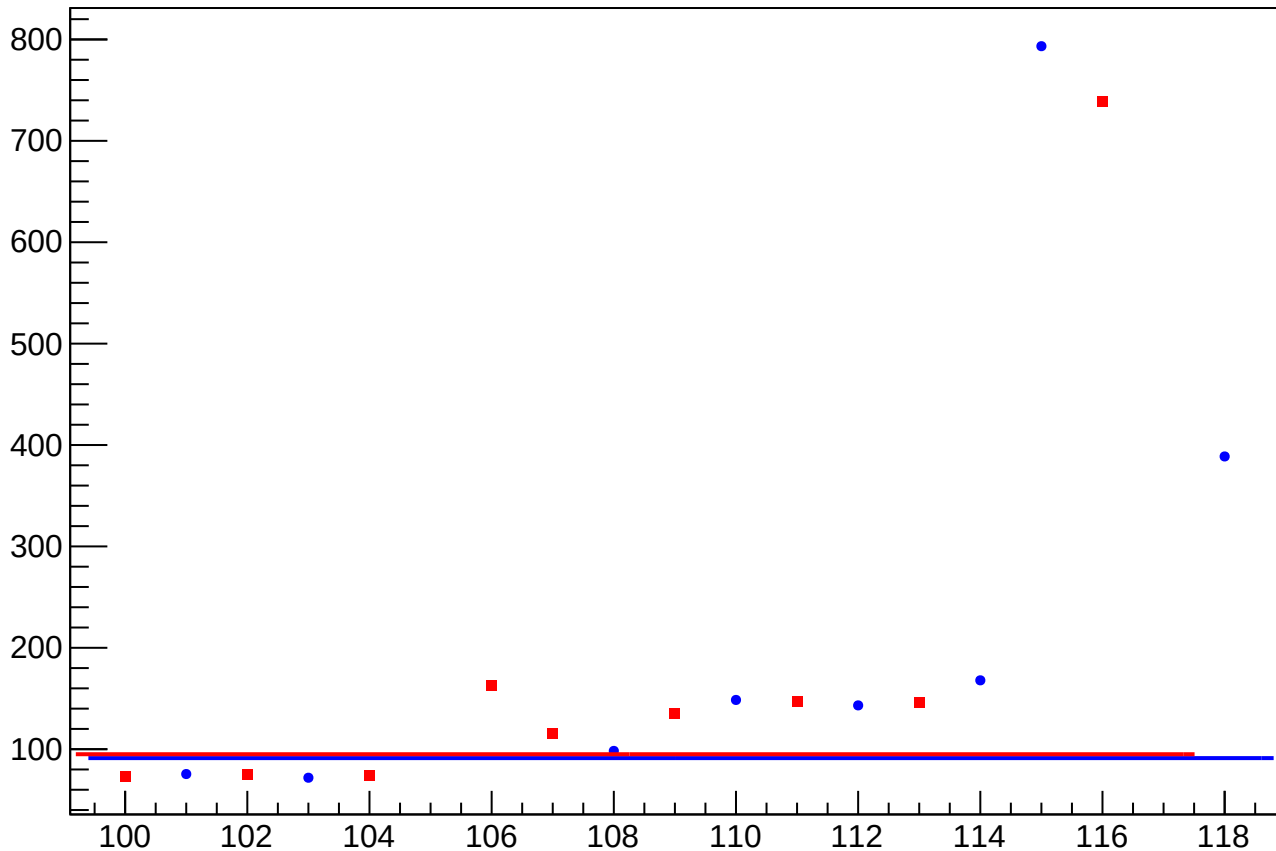
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.083 $\pm$ 39.322 χ^2 /NDF: 15.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



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: 95.037+/-0.039 χ^2/NDF : 1010670.3/8

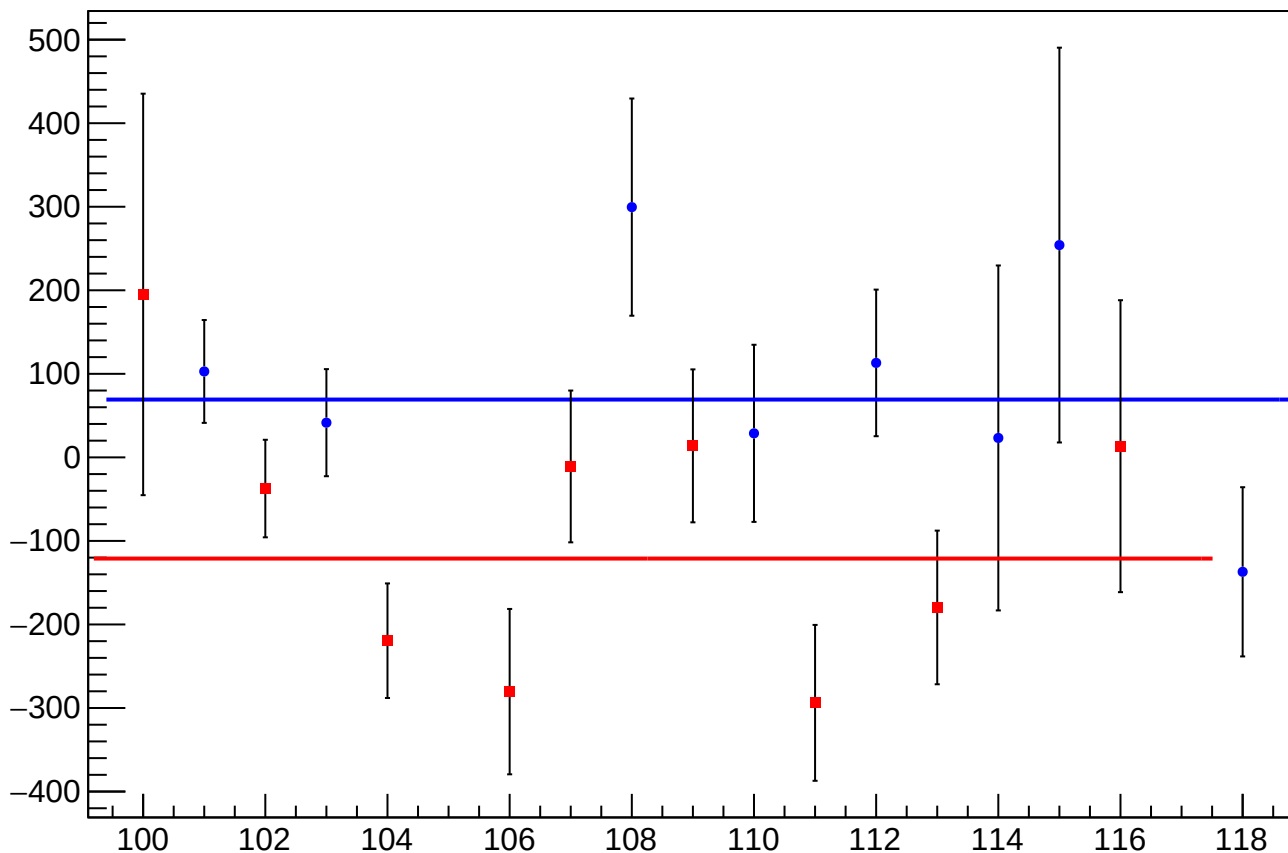
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.129+/-0.028 χ^2/NDF : 2310625.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



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: -121.129+/-29.724 χ^2/NDF : 16.5/8

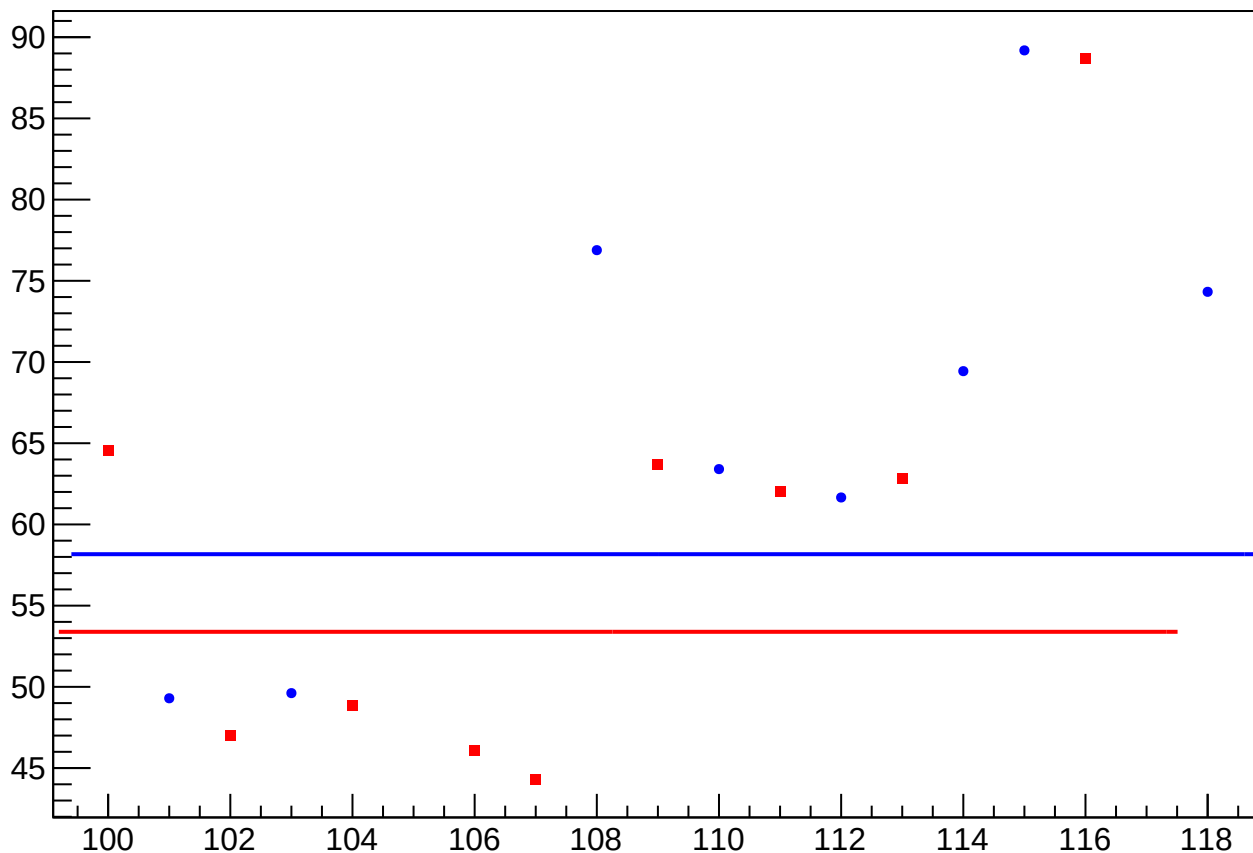
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.572+/-22.054 χ^2/NDF : 43.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 58.168 $\pm$ 0.023 χ^2 /NDF: 217984.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.389 $\pm$ 0.021 χ^2 /NDF: 213357.0/8

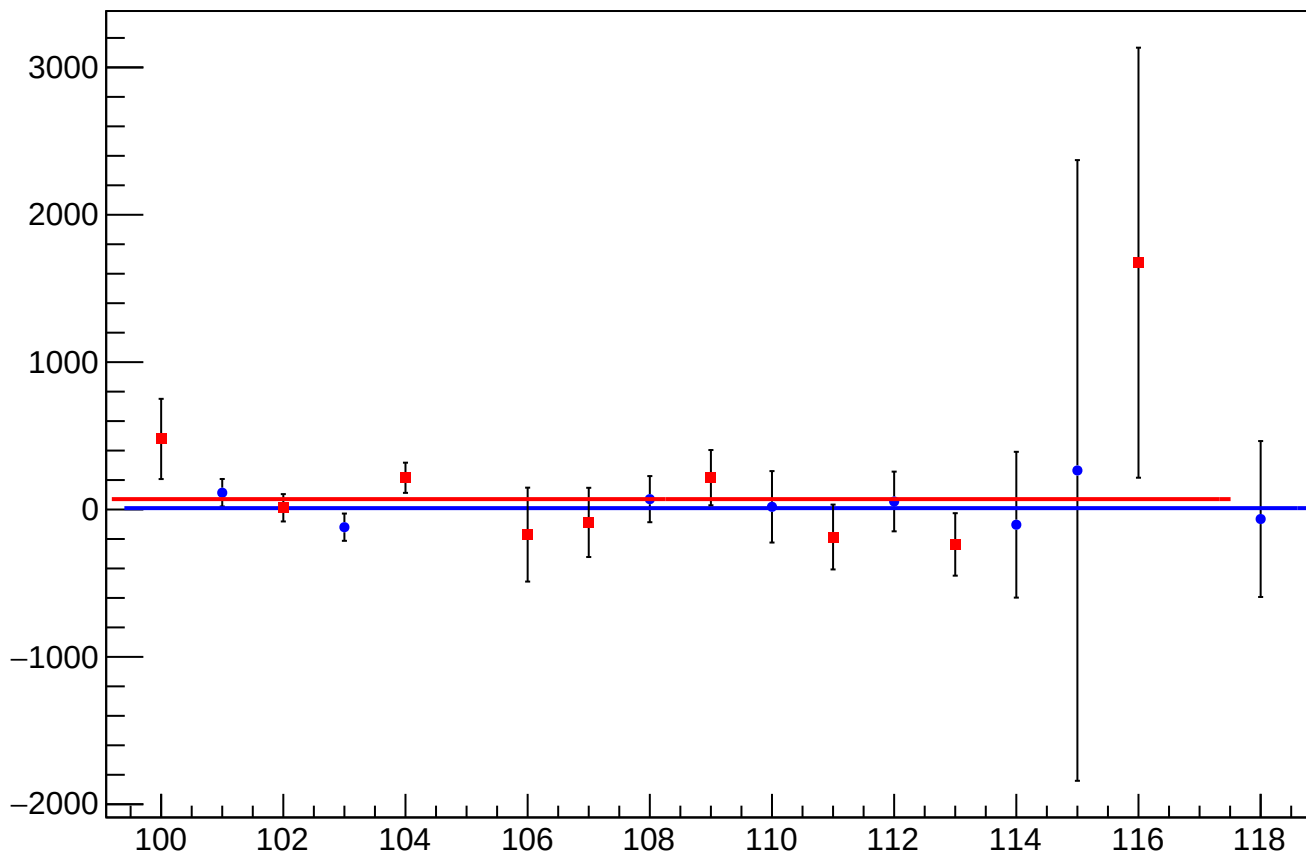
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.537 $\pm$ 0.016 χ^2 /NDF: 454575.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



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: 70.572+/-55.488 χ^2 /NDF: 11.0/8

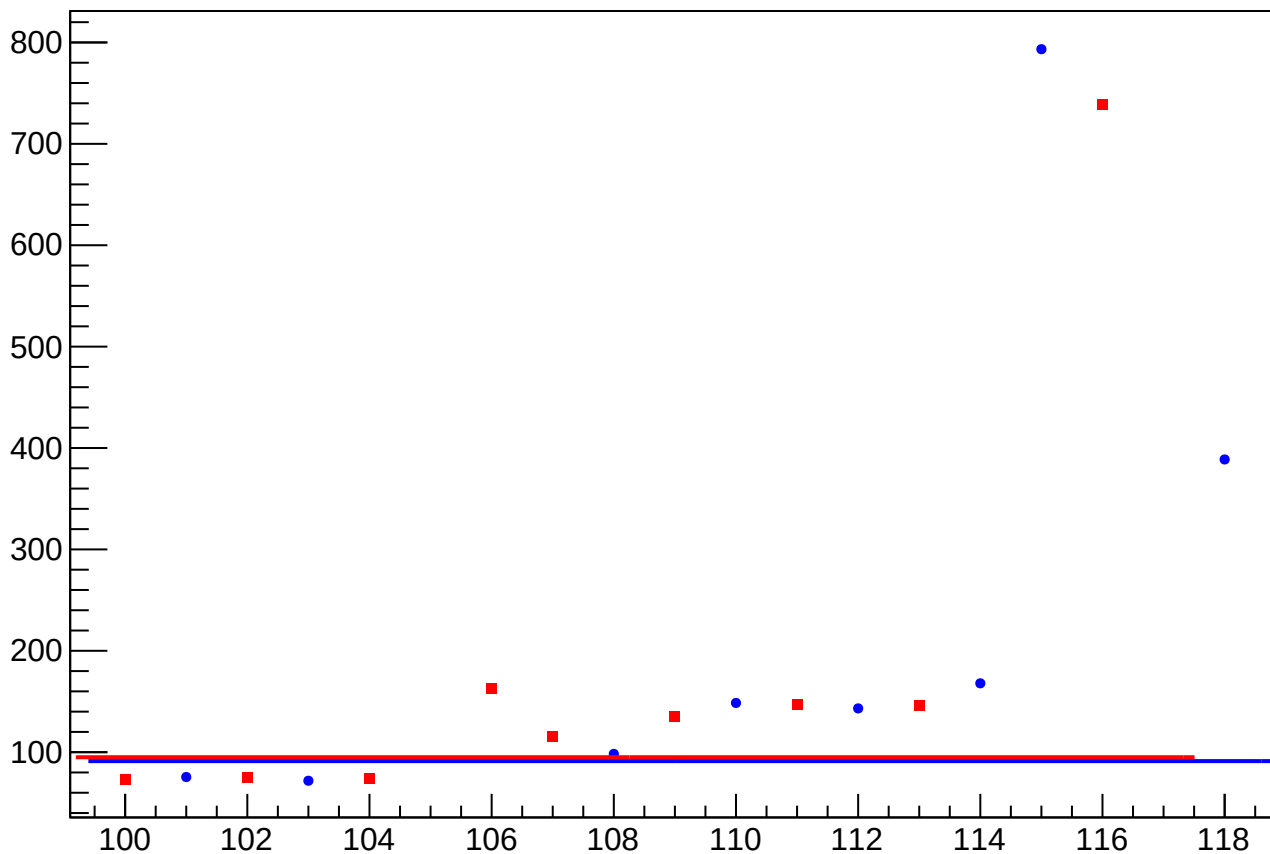
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 40.082+/-39.321 χ^2 /NDF: 15.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



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: 95.036+/-0.039 χ^2 /NDF: 1010676.6/8

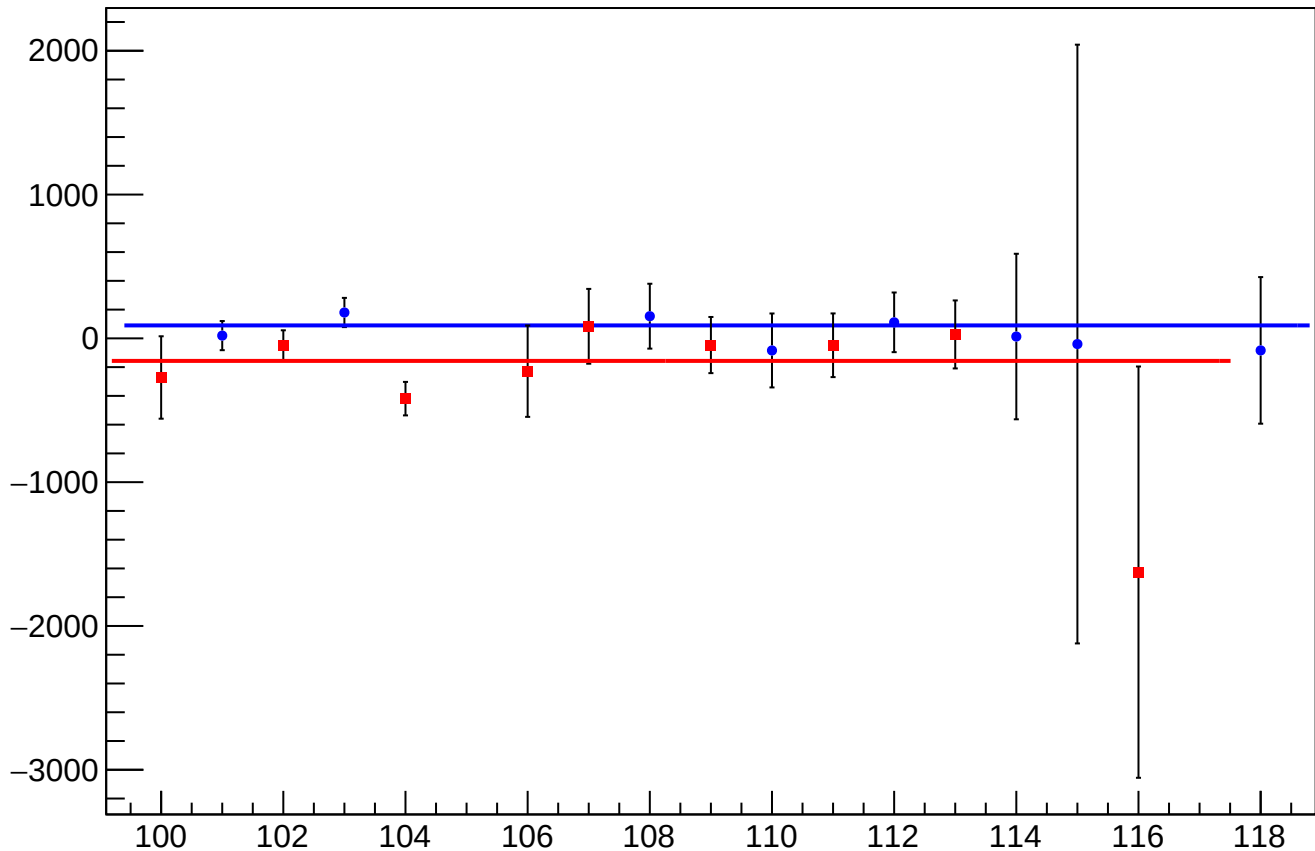
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 93.129+/-0.028 χ^2 /NDF: 2310634.1/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 90.062 $\pm$ 62.090 χ^2 /NDF: 2.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -156.730 $\pm$ 60.974 χ^2 /NDF: 9.5/8

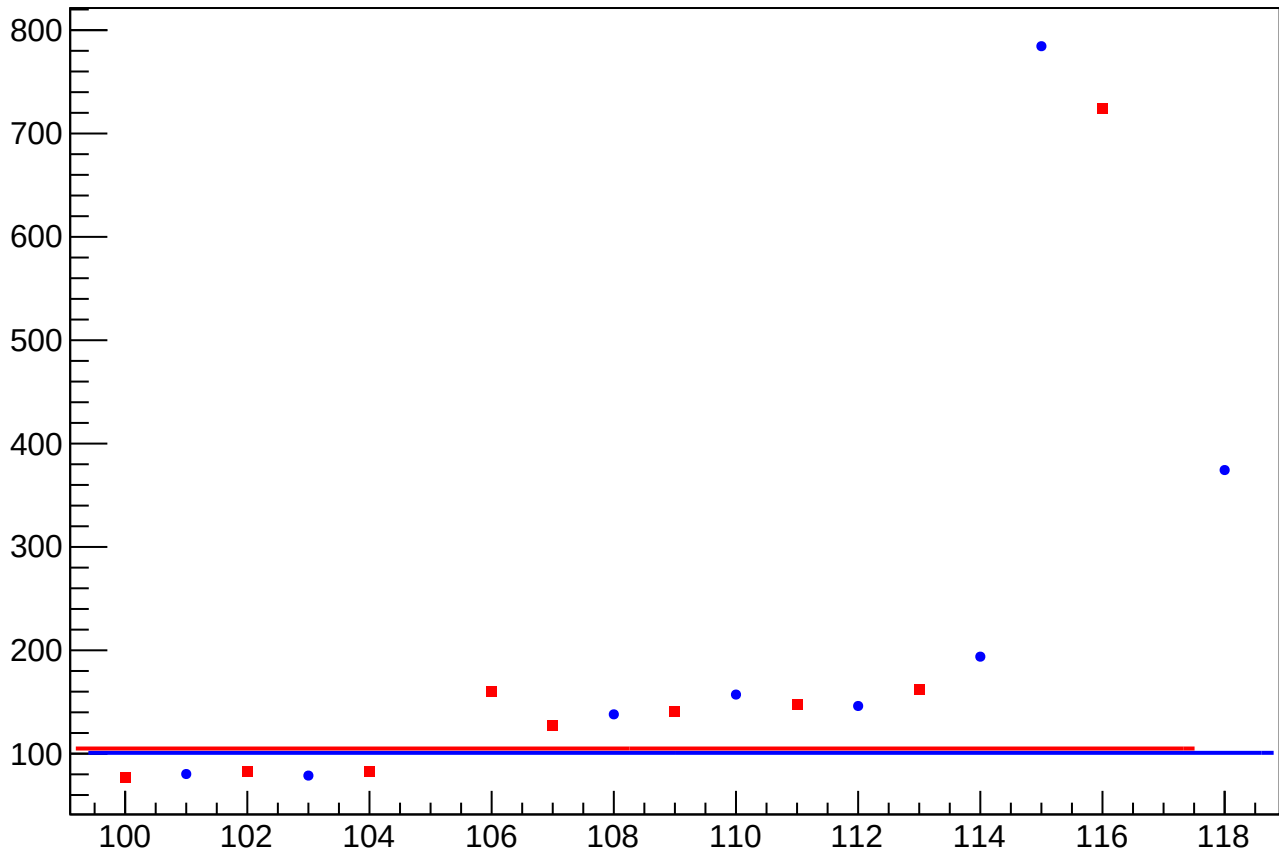
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -35.572 $\pm$ 43.504 χ^2 /NDF: 19.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



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: 104.990+/-0.043 χ^2/NDF : 890513.6/8

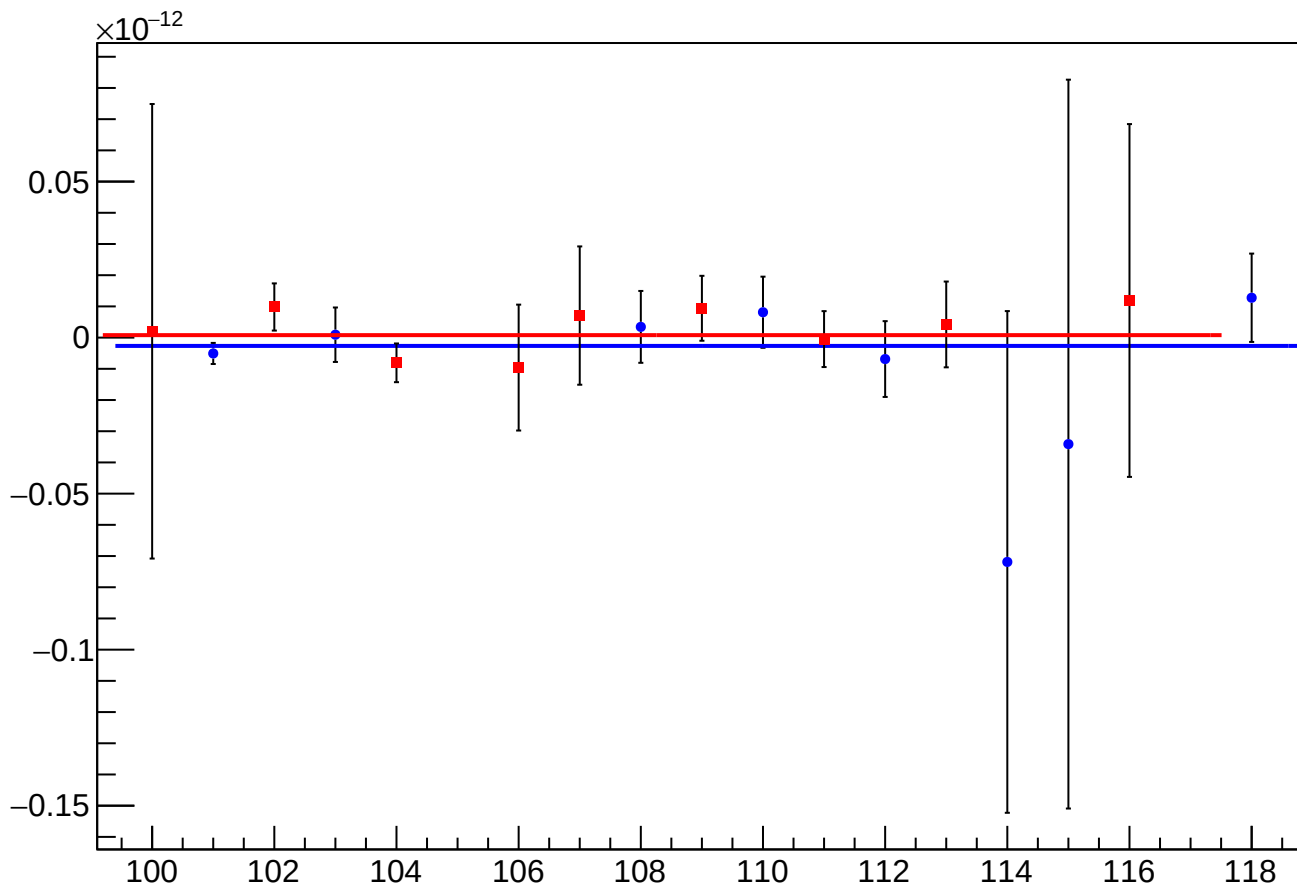
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.941+/-0.031 χ^2/NDF : 2161168.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug



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: 4.6/8

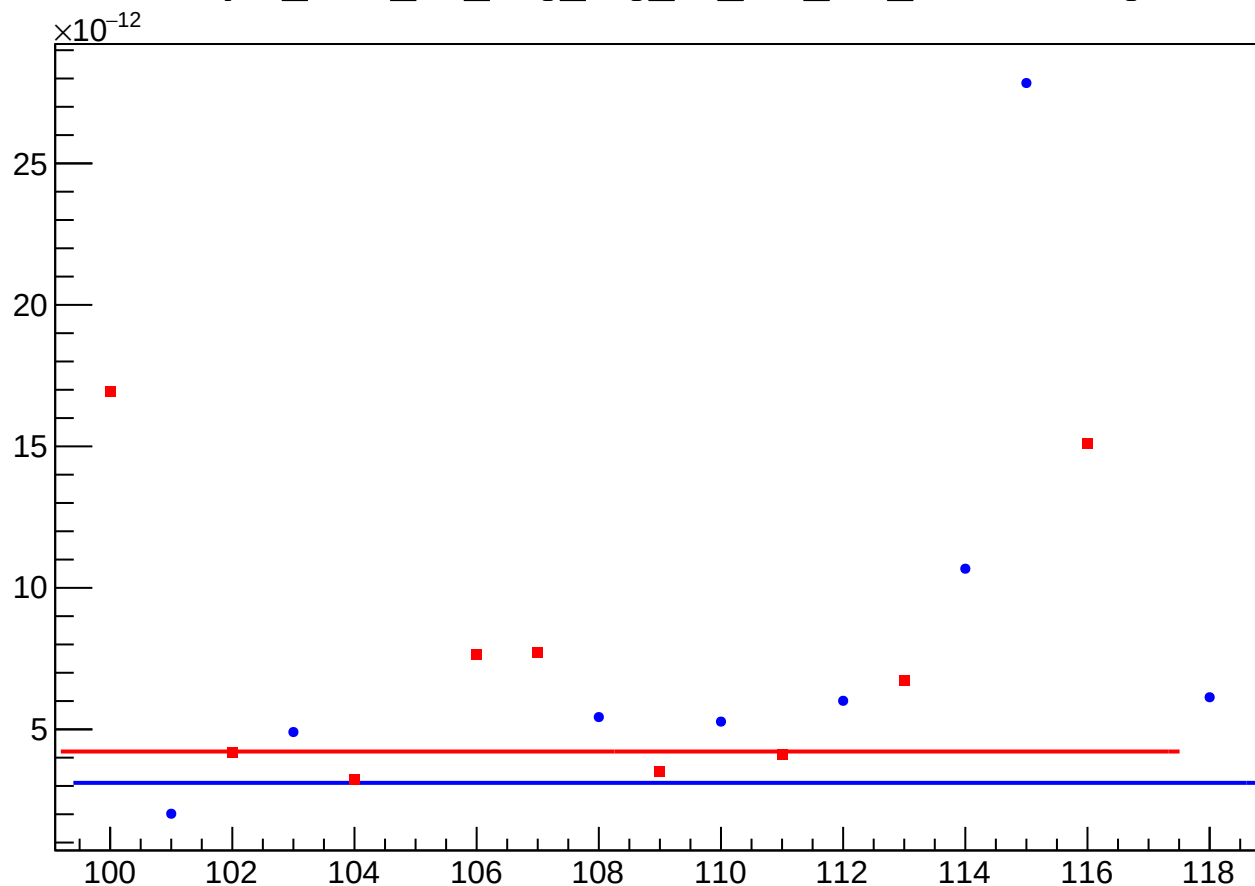
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug



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 : 370462.5/8

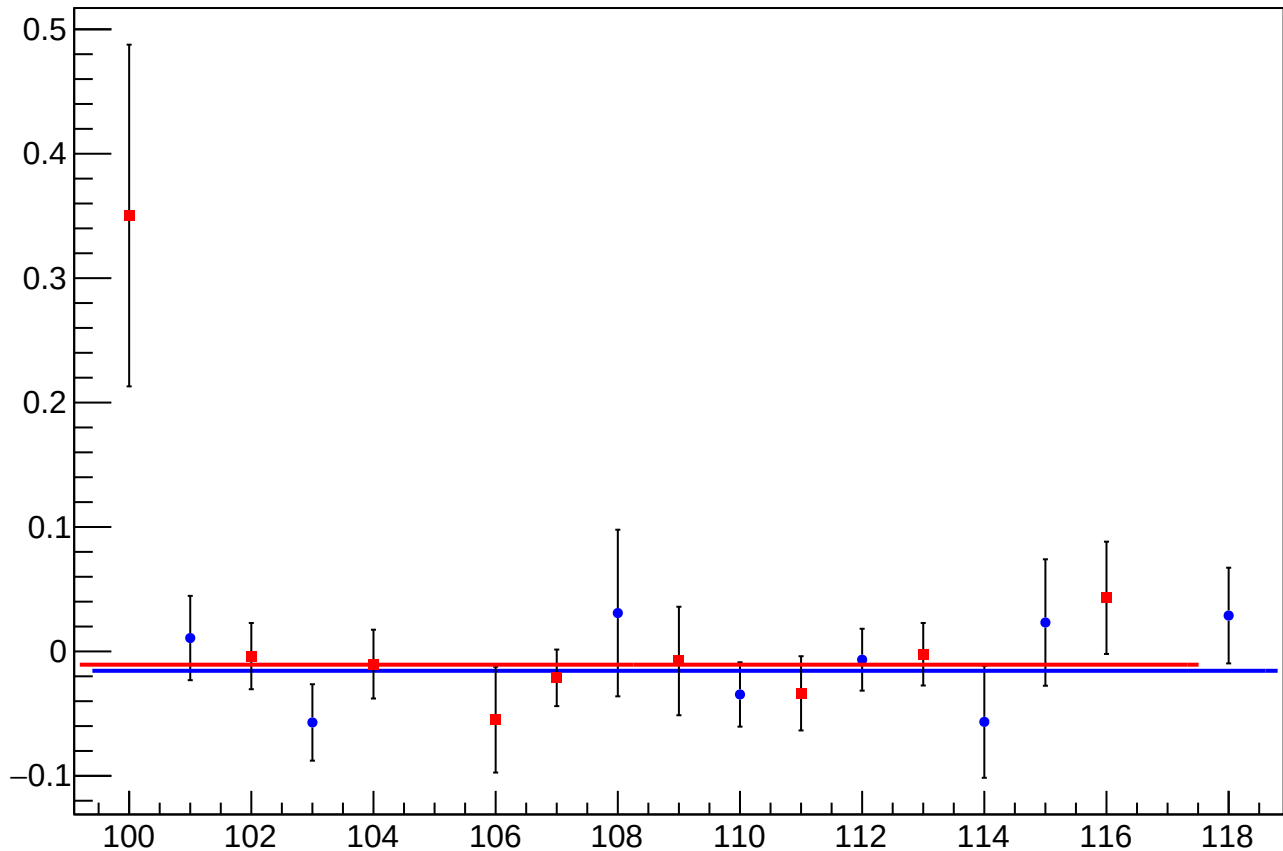
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1246535.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



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 ± 0.011 χ^2/NDF : 10.4/8

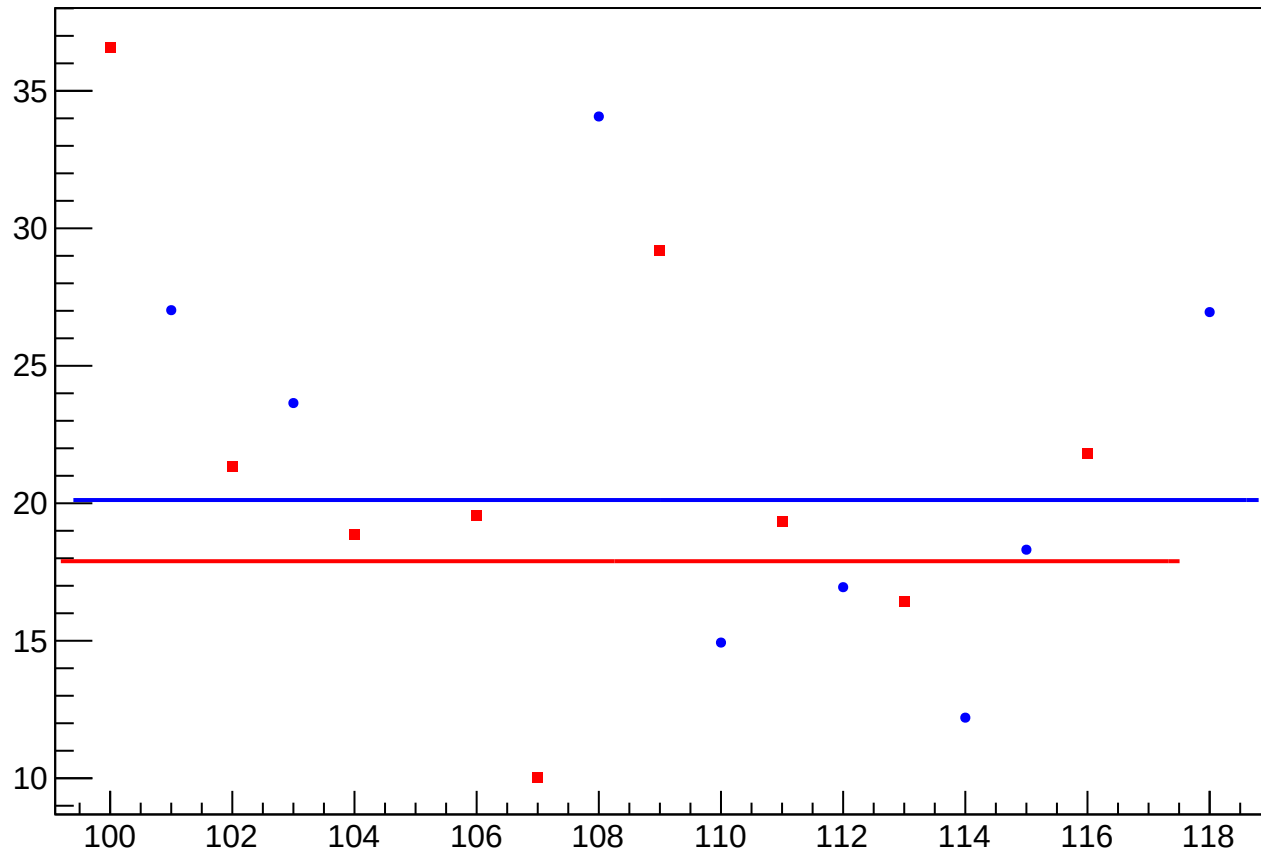
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.008 χ^2/NDF : 16.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



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: 17.894+/-0.007 χ^2/NDF : 475853.2/8

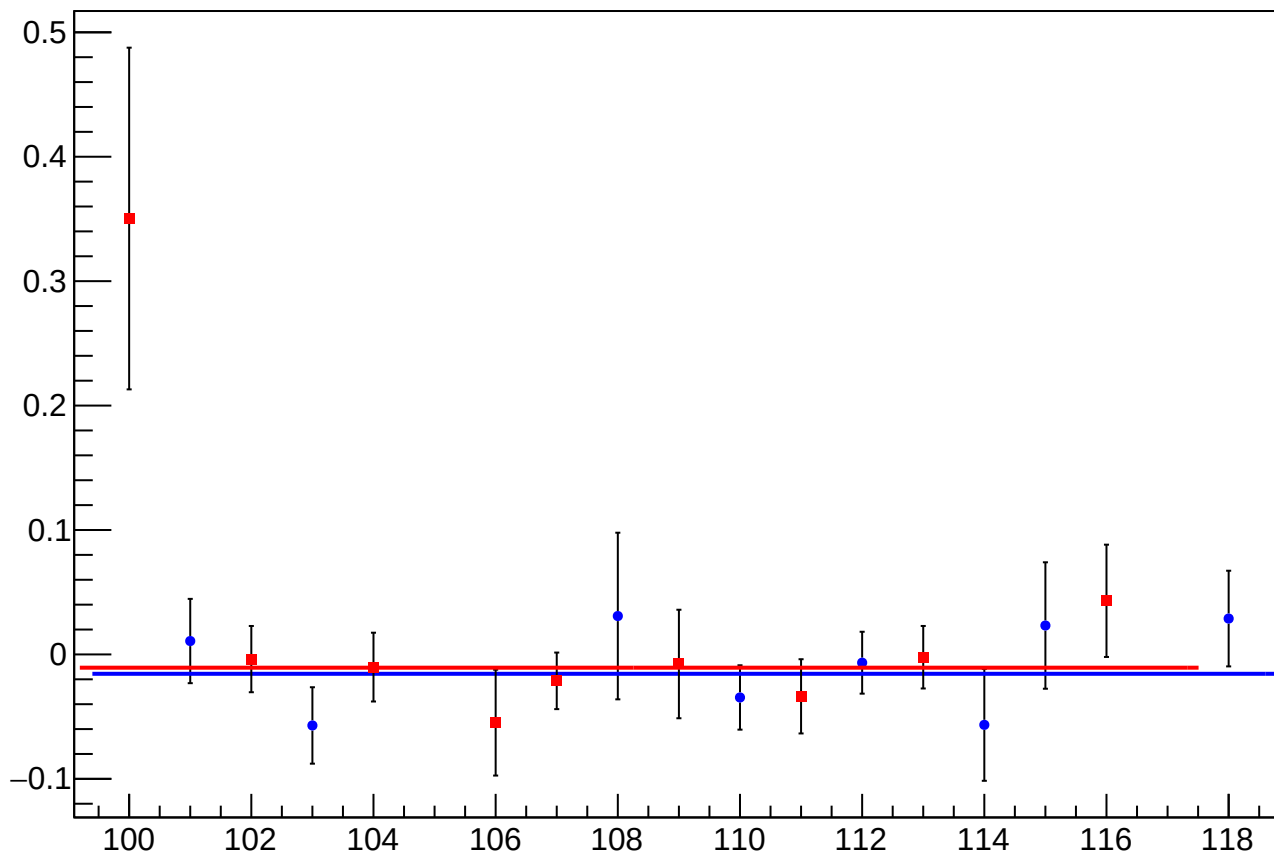
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.854+/-0.006 χ^2/NDF : 951090.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



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 $\pm$ 0.011 χ^2 /NDF: 10.4/8

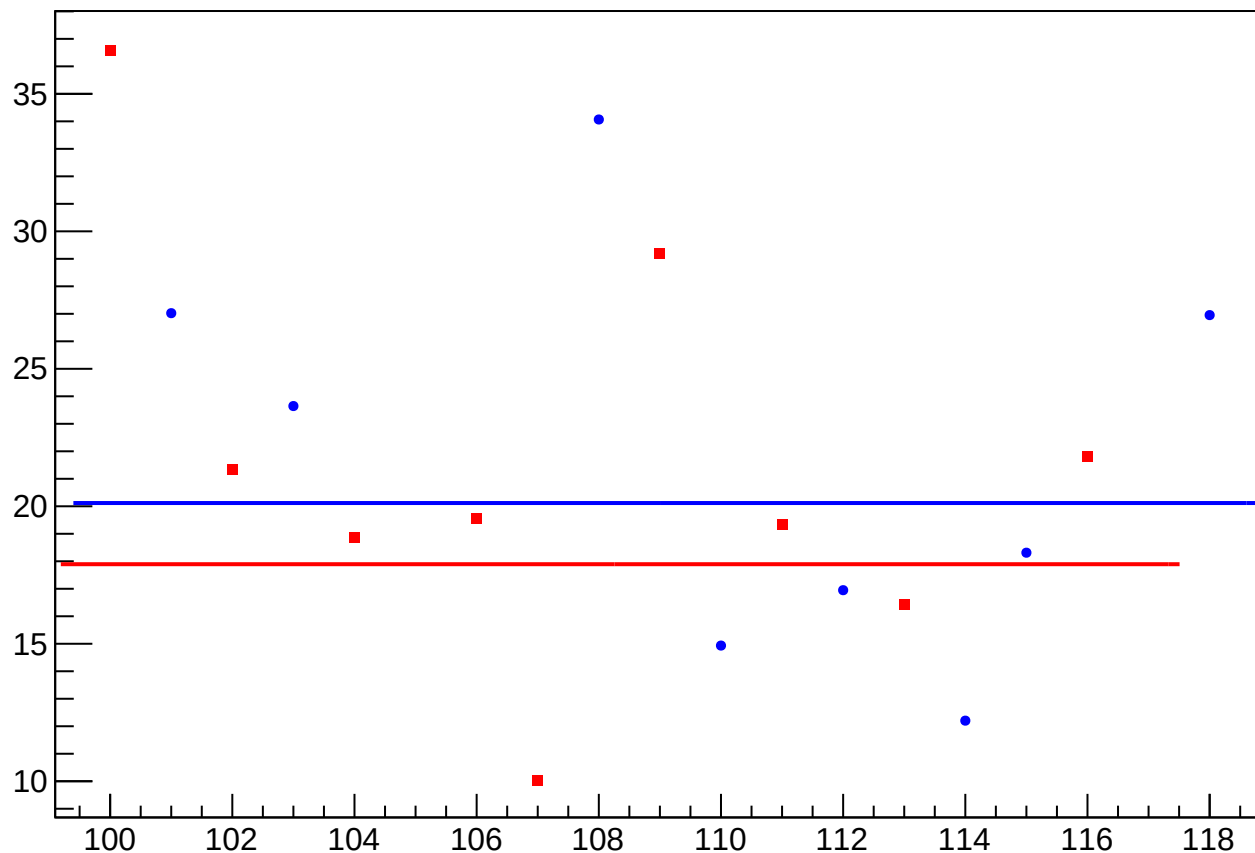
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.008 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 17.894+/-0.007 χ^2/NDF : 475853.2/8

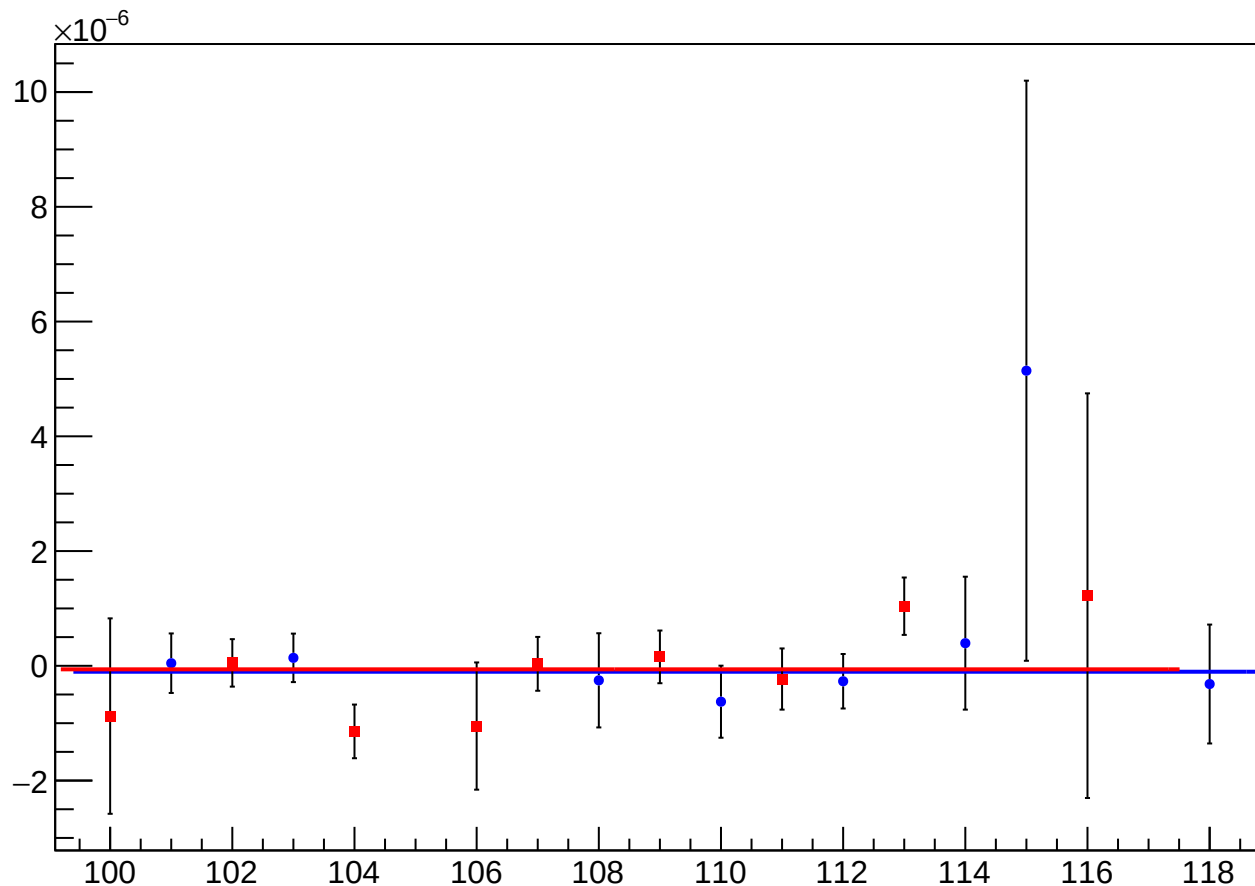
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.854+/-0.006 χ^2/NDF : 951090.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 11.8/8

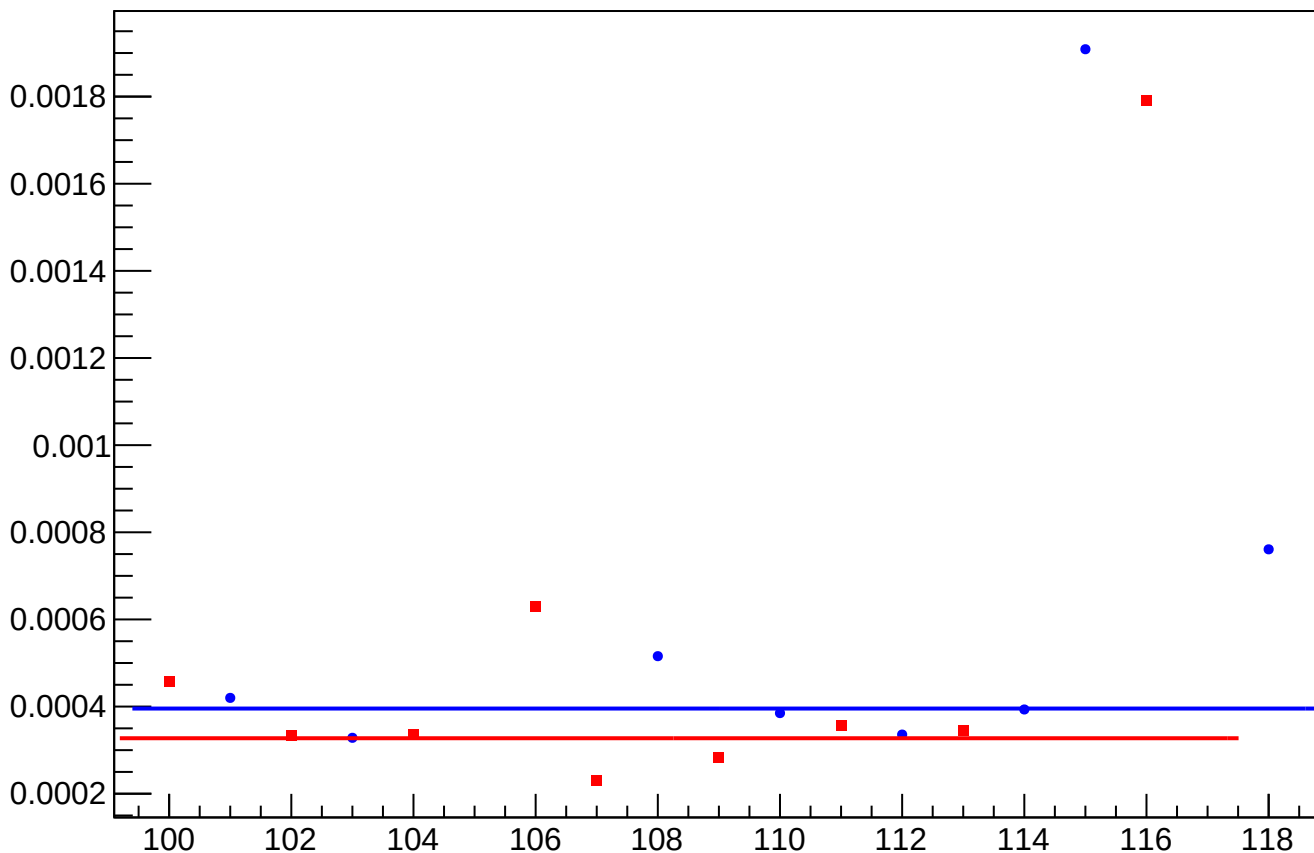
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 619418.0/8

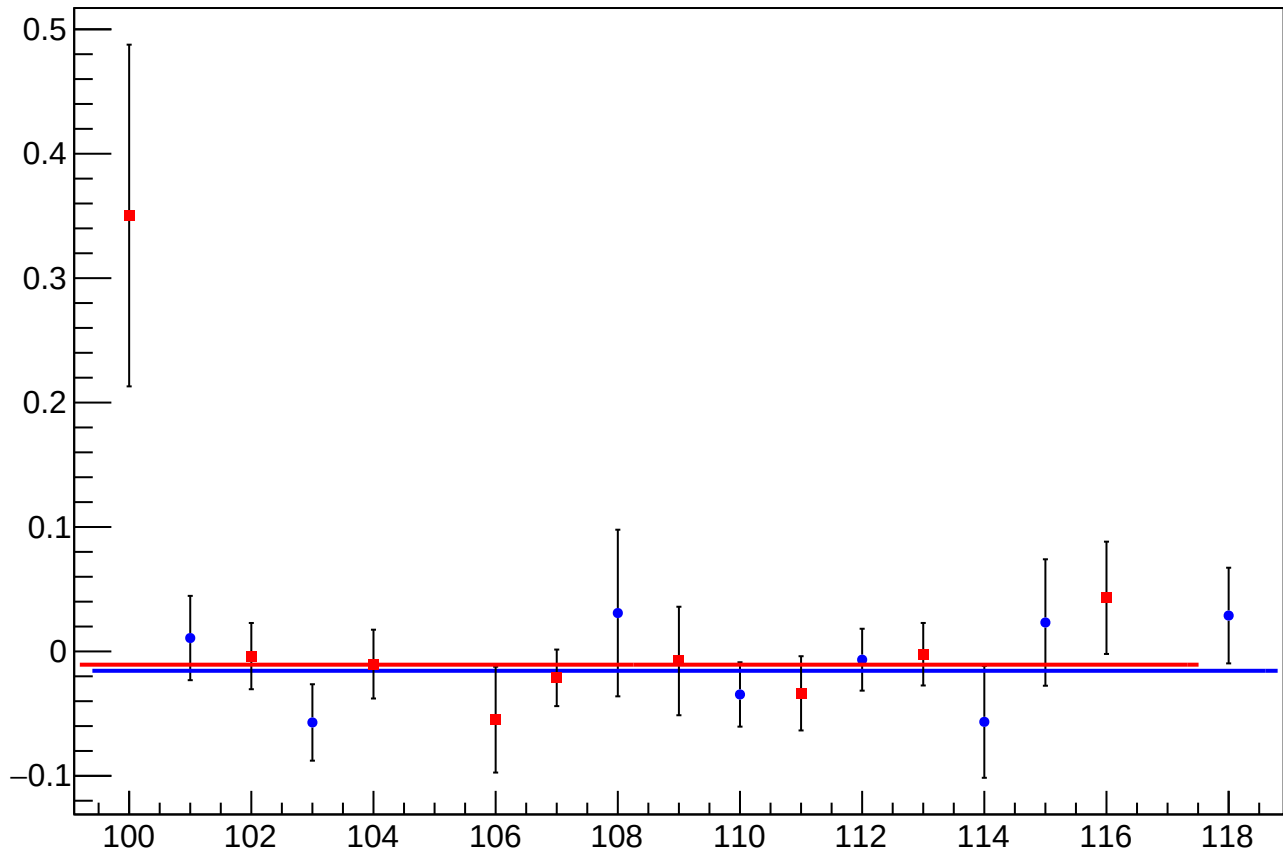
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1284821.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



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 $\pm$ 0.011 χ^2 /NDF: 10.4/8

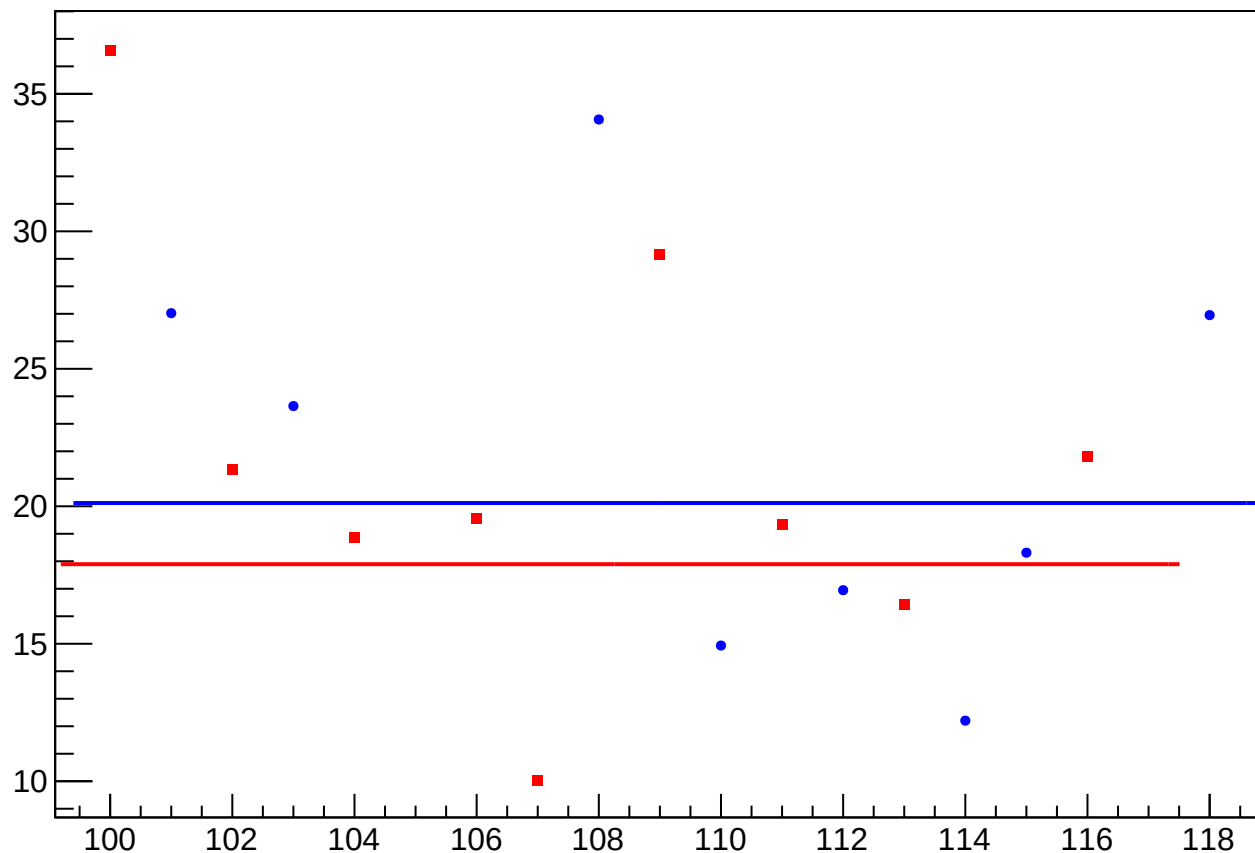
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.008 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 17.893+/-0.007 χ^2/NDF : 475867.2/8

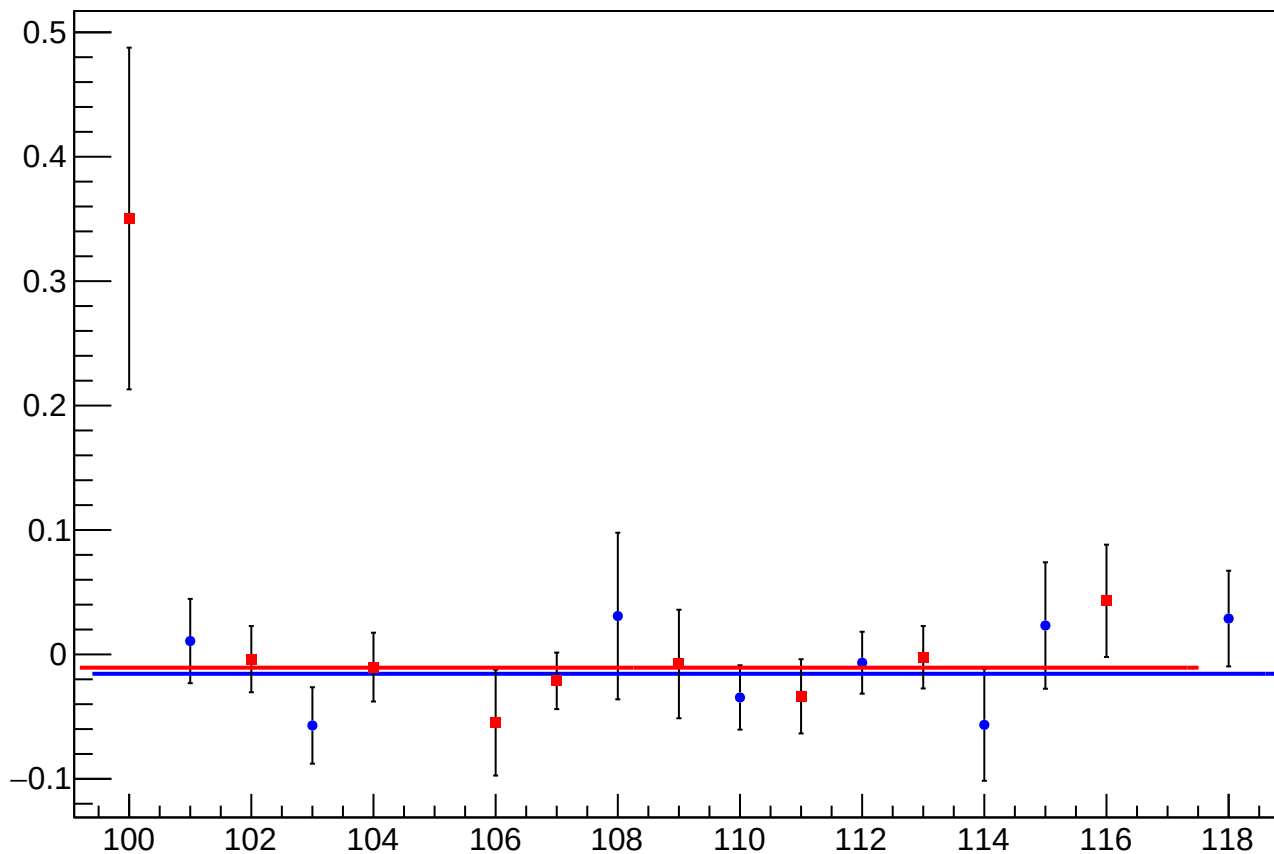
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.854+/-0.006 χ^2/NDF : 951106.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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 $\pm$ 0.011 χ^2 /NDF: 10.4/8

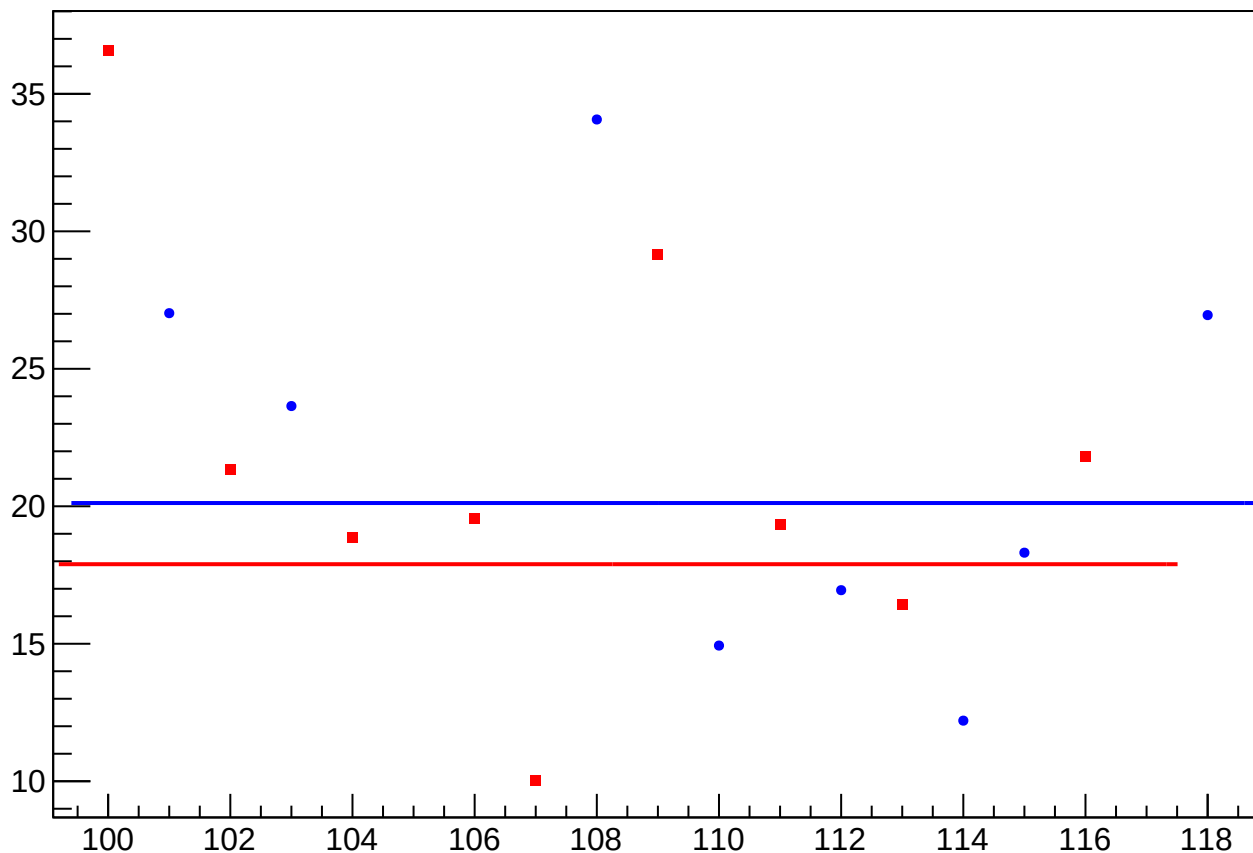
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.008 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.118 $\pm$ 0.009 χ^2 /NDF: 436835.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.893 $\pm$ 0.007 χ^2 /NDF: 475867.2/8

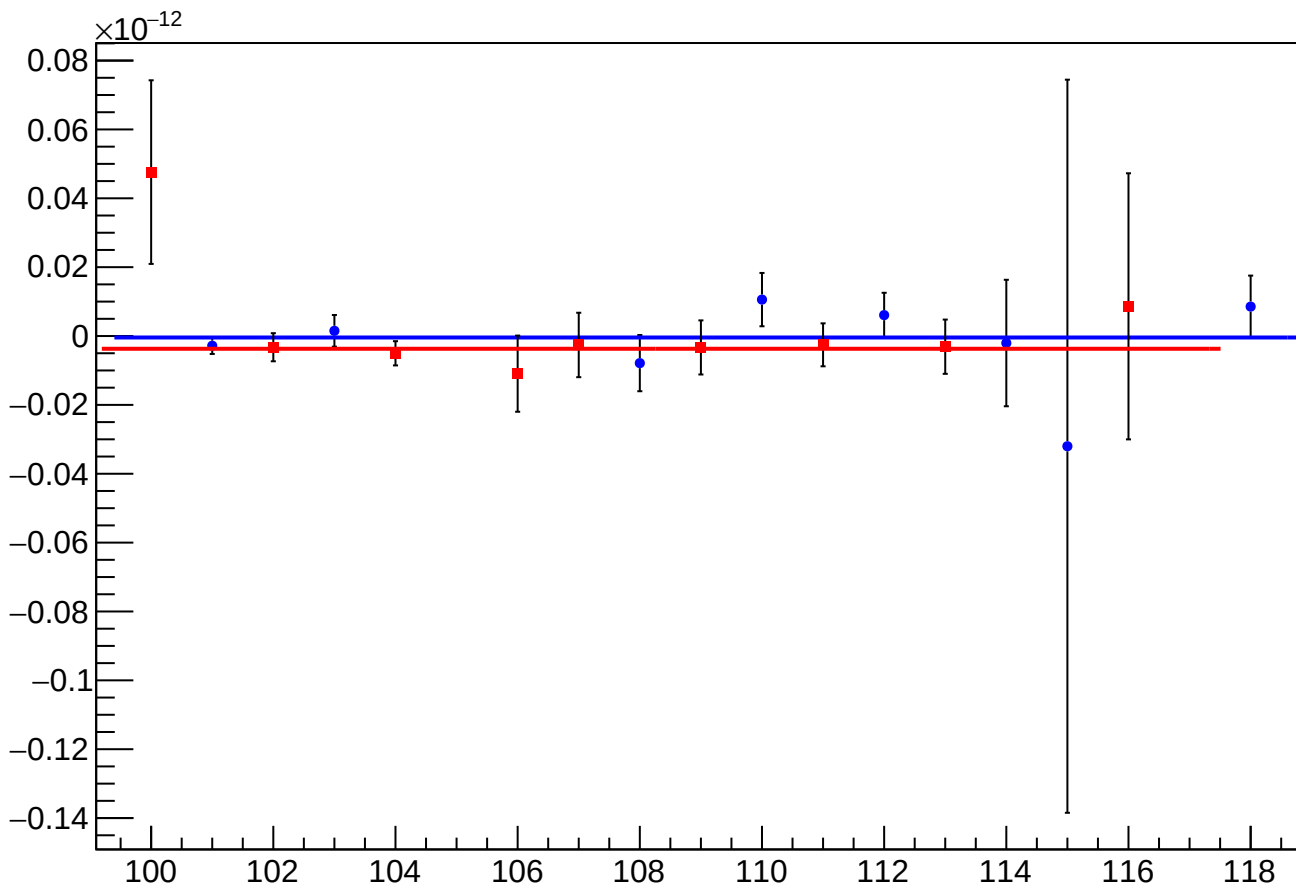
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.854 $\pm$ 0.006 χ^2 /NDF: 951106.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug



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: 4.4/8

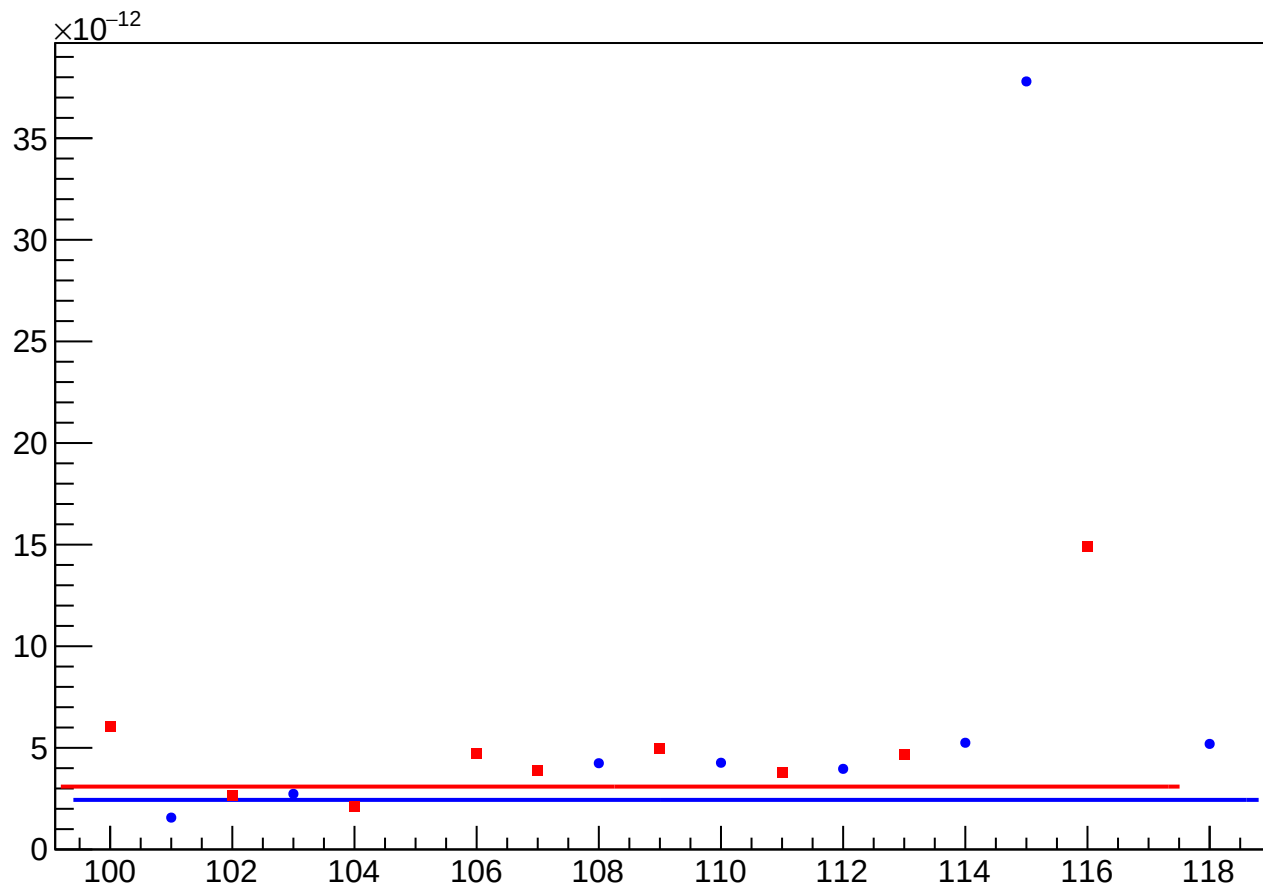
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 663581.0/8

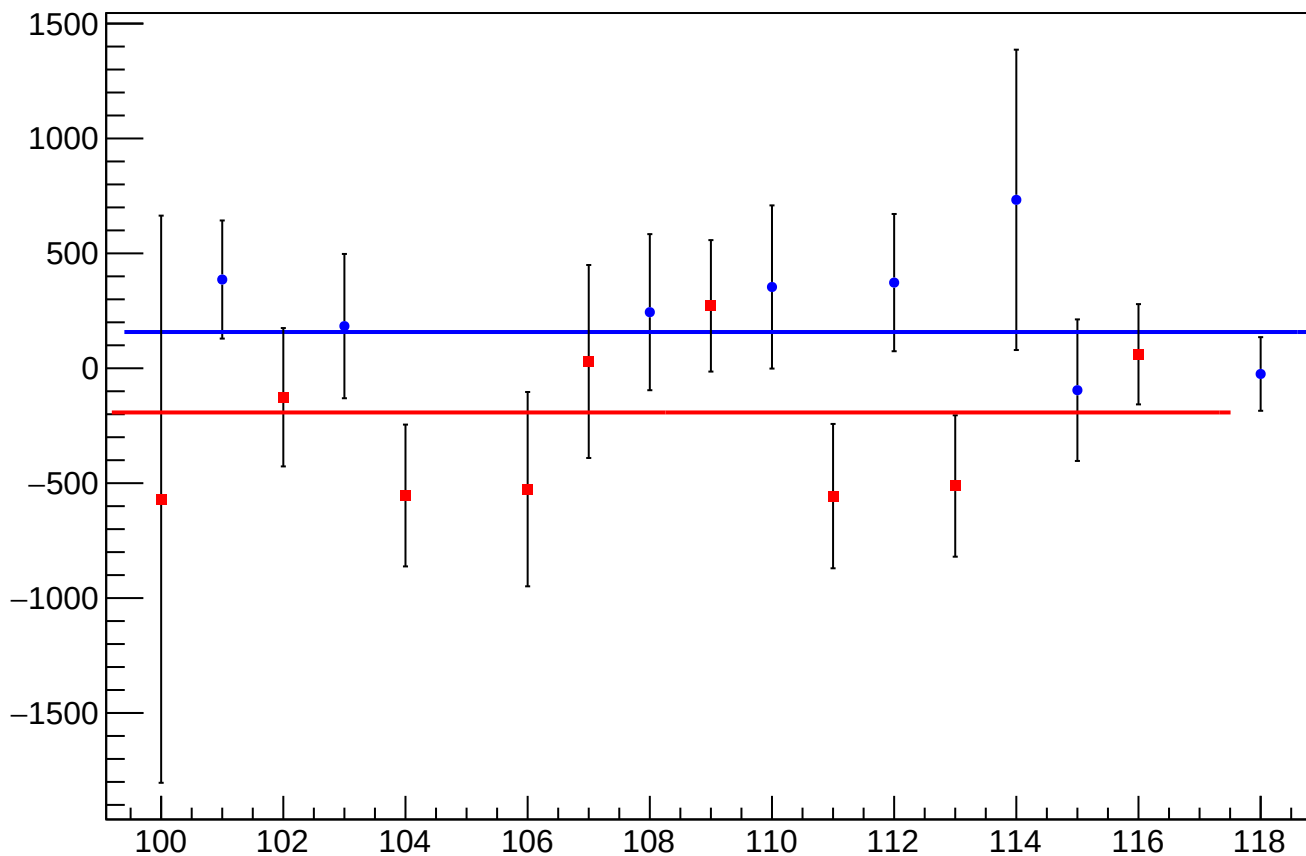
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1822298.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_mean vs Slug



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: -192.279 $\pm$ 106.972 χ^2 /NDF: 8.8/8

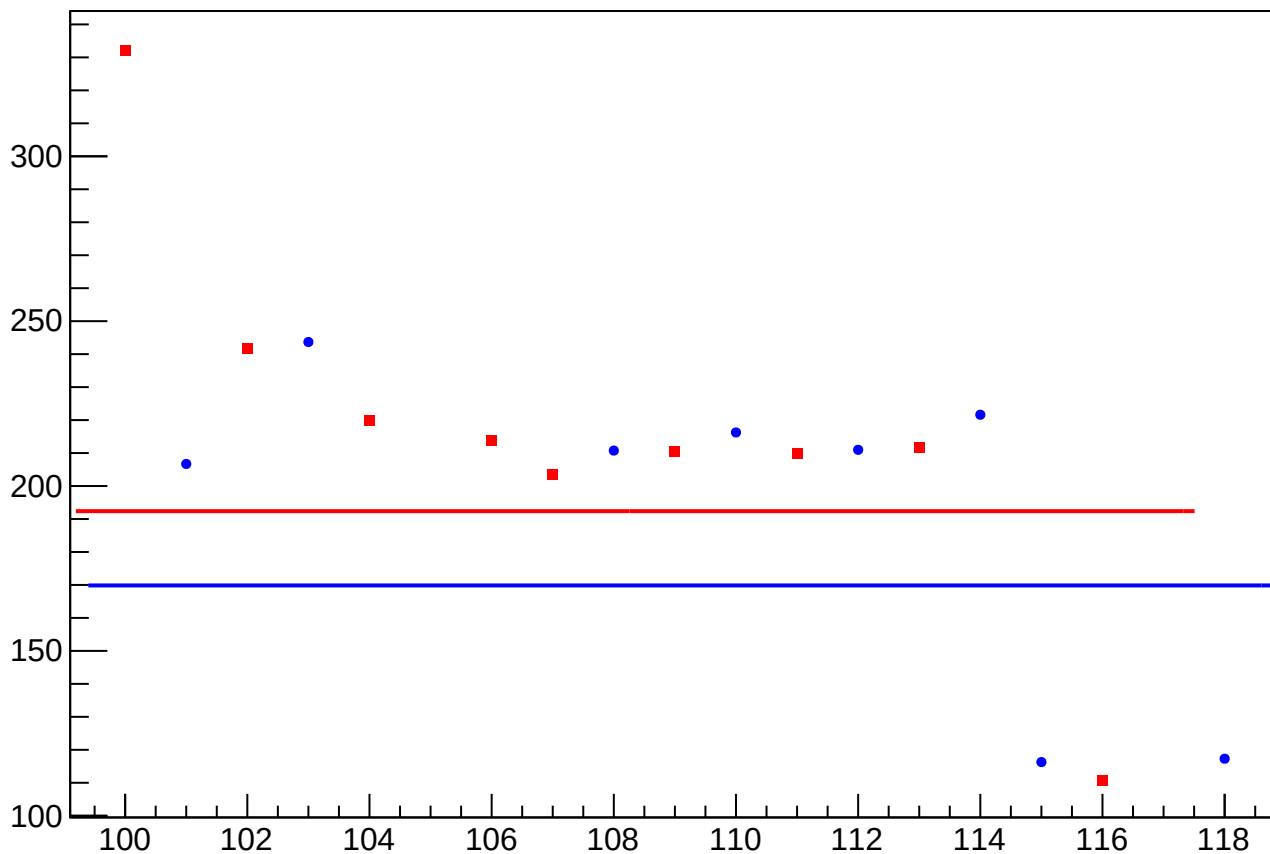
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.267 $\pm$ 72.105 χ^2 /NDF: 19.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



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: 192.382 $\pm$ 0.076 χ^2 /NDF: 404372.0/8

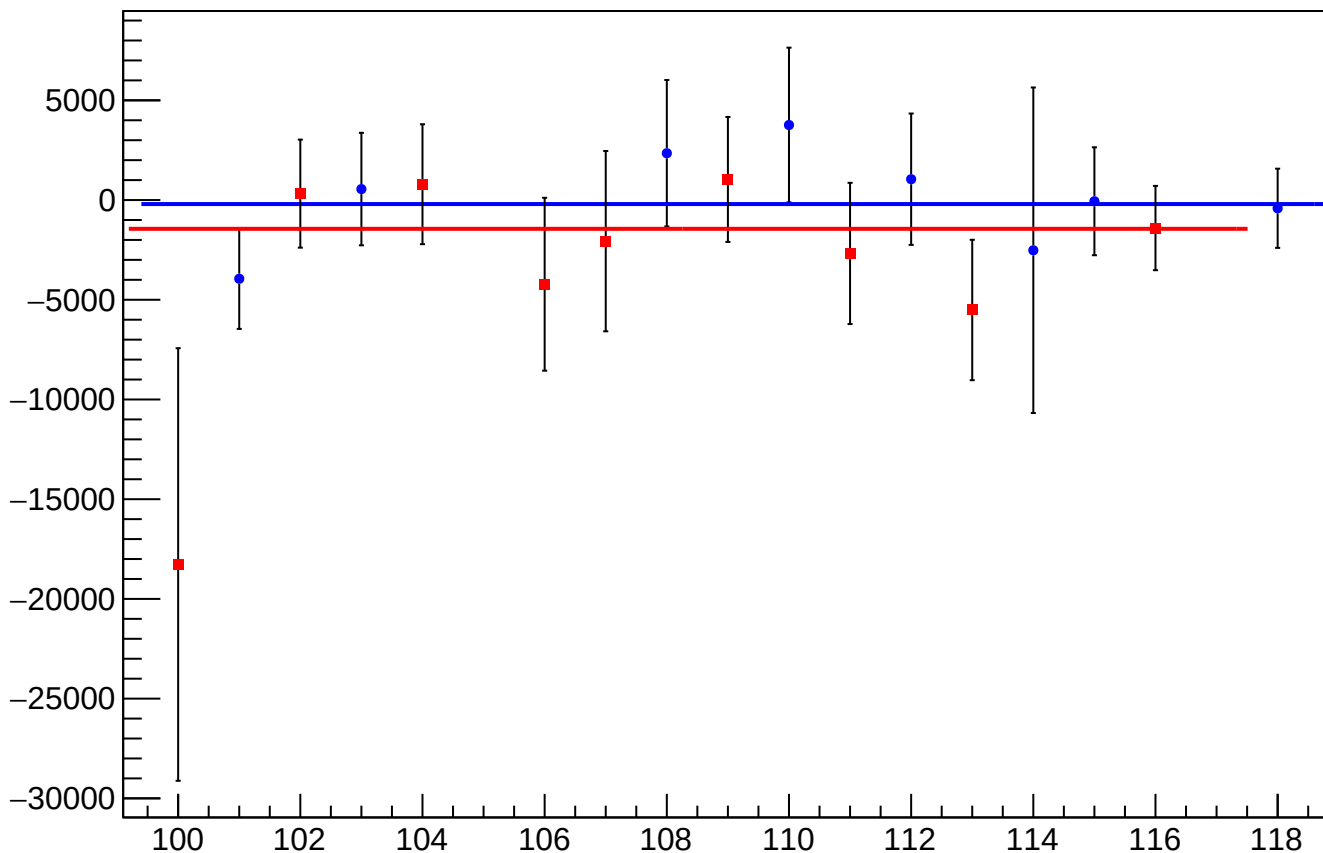
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.089 $\pm$ 0.051 χ^2 /NDF: 993801.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



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: -1442.175+/-1088.666 χ^2/NDF : 5.9/8

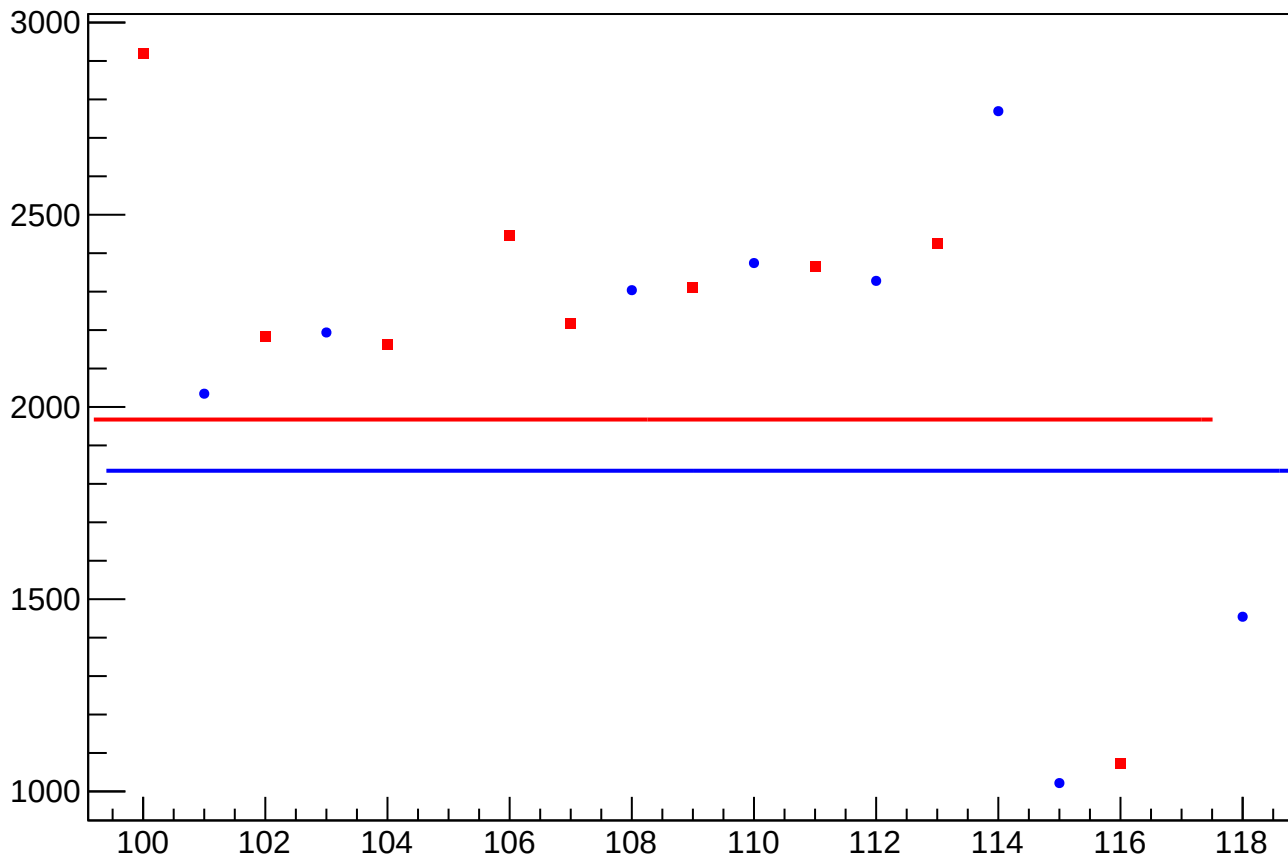
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -794.240+/-752.548 χ^2/NDF : 10.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



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: 1967.328+/-0.770 χ^2/NDF : 509425.6/8

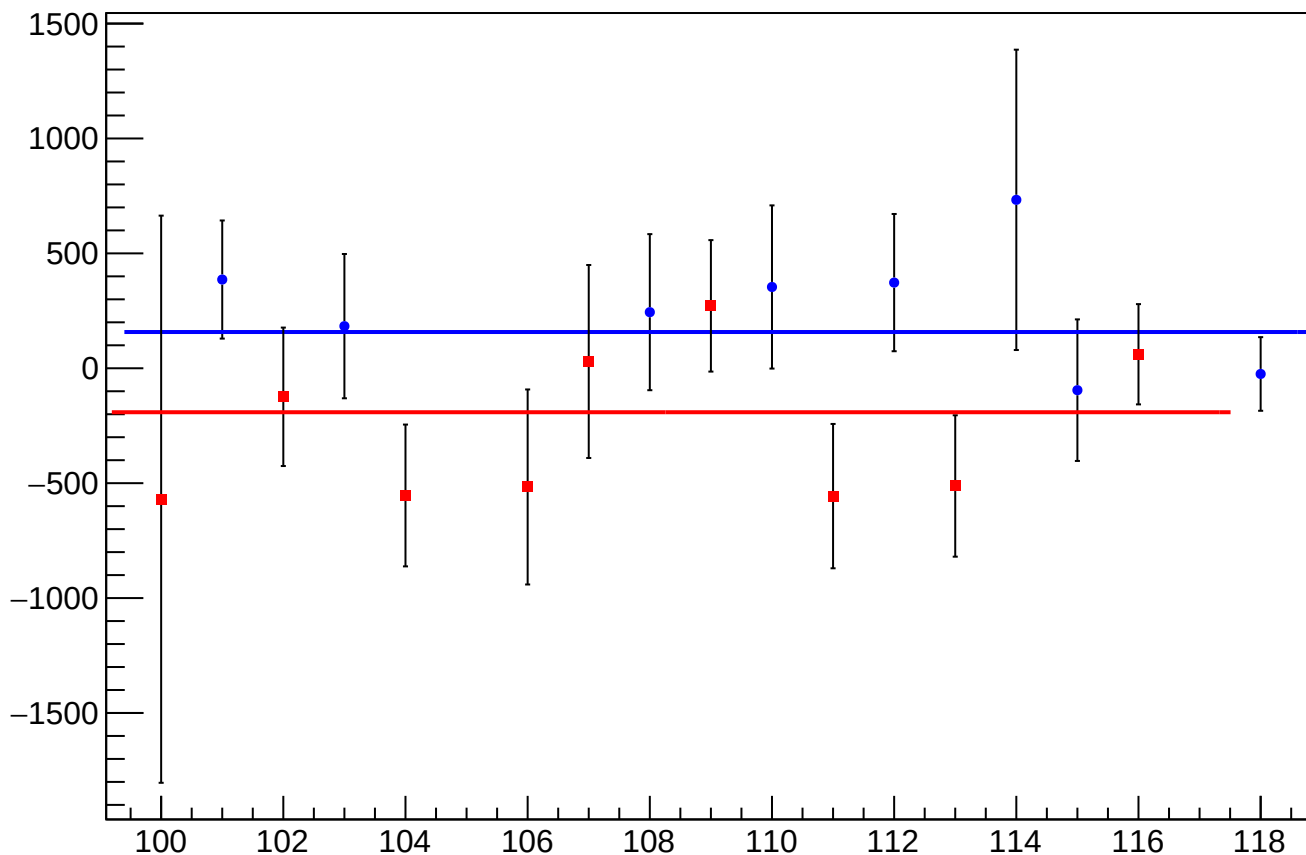
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1897.769+/-0.532 χ^2/NDF : 966470.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 157.778 $\pm$ 97.614 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -191.288 $\pm$ 107.004 χ^2 /NDF: 8.8/8

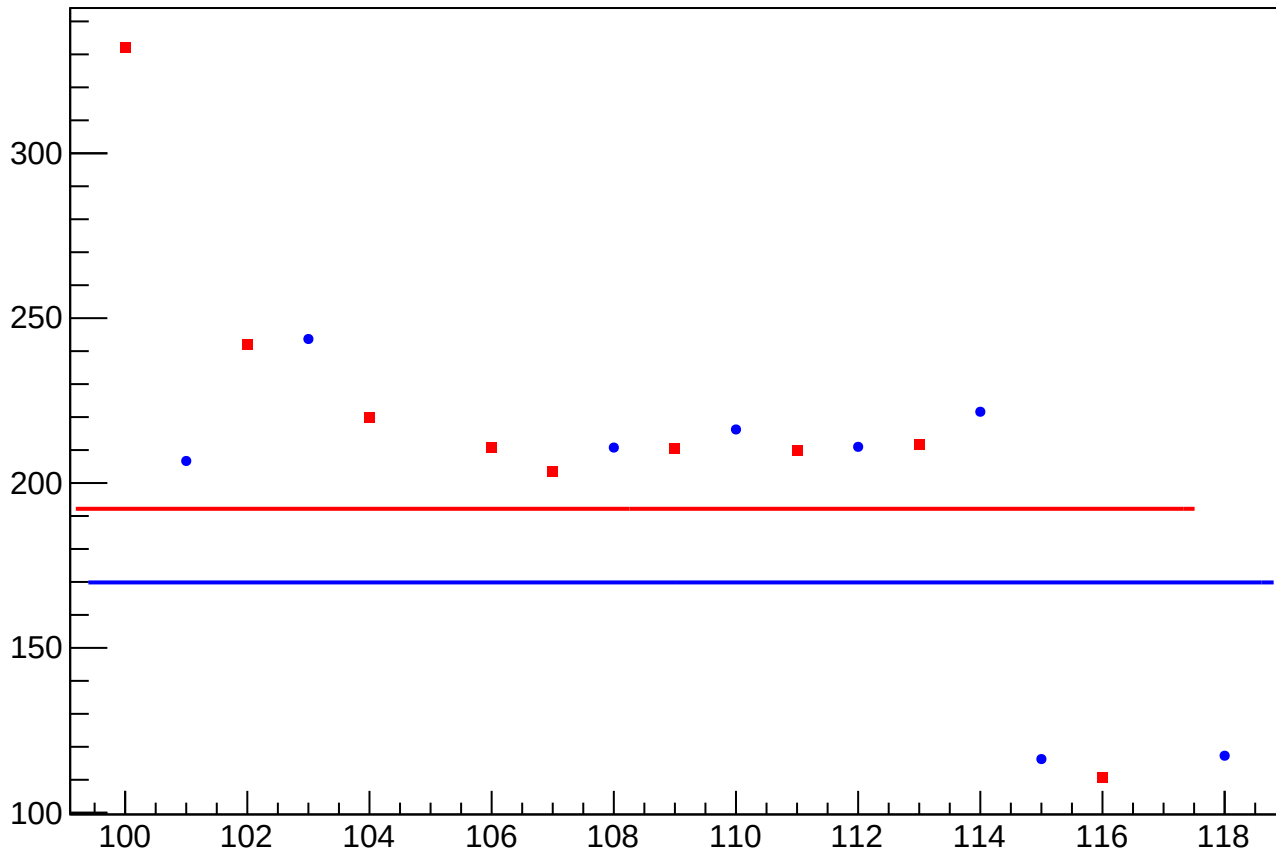
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.771 $\pm$ 72.115 χ^2 /NDF: 19.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



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: 192.185 $\pm$ 0.076 χ^2 /NDF: 403191.8/8

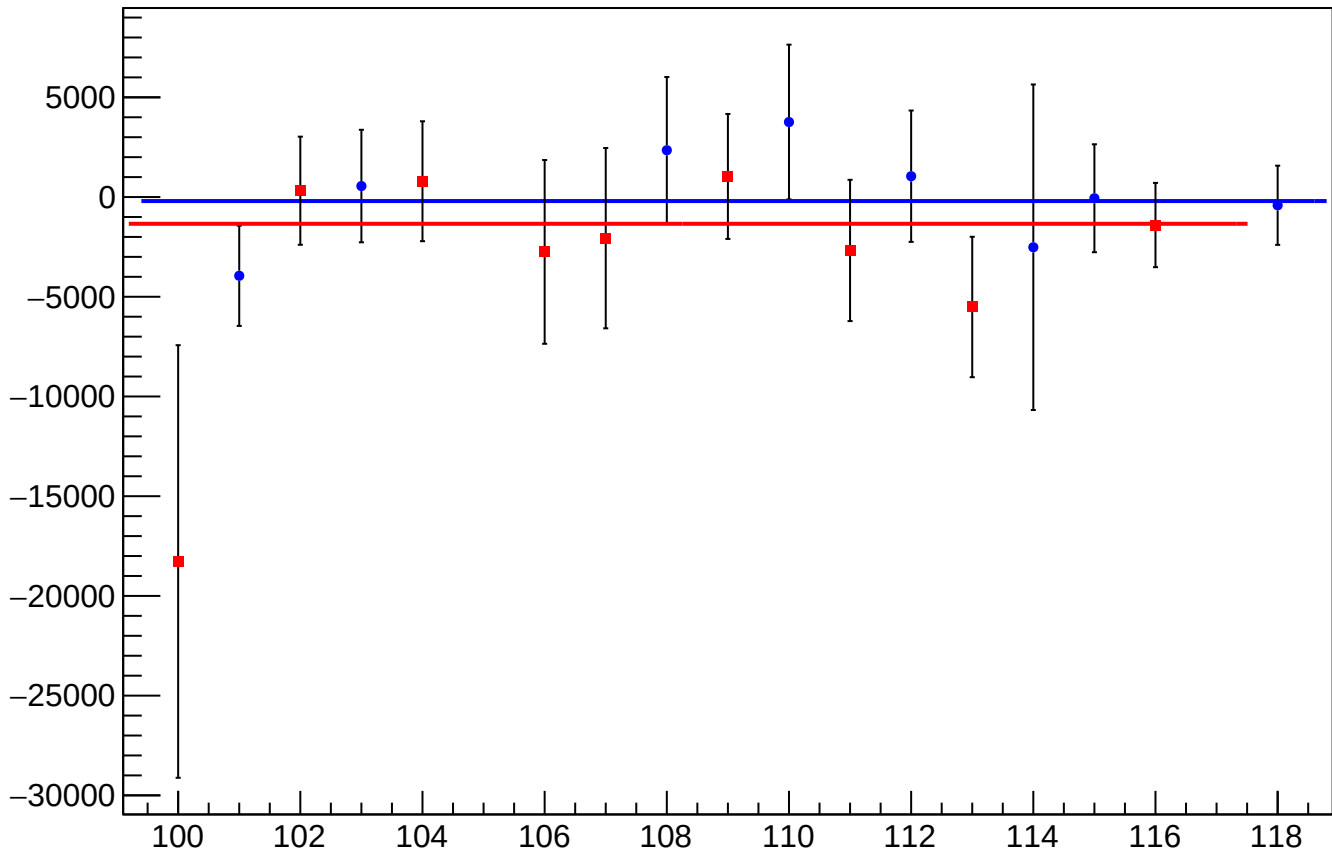
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.996 $\pm$ 0.051 χ^2 /NDF: 991765.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



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: -1340.388+/-1092.747 χ^2/NDF : 5.6/8

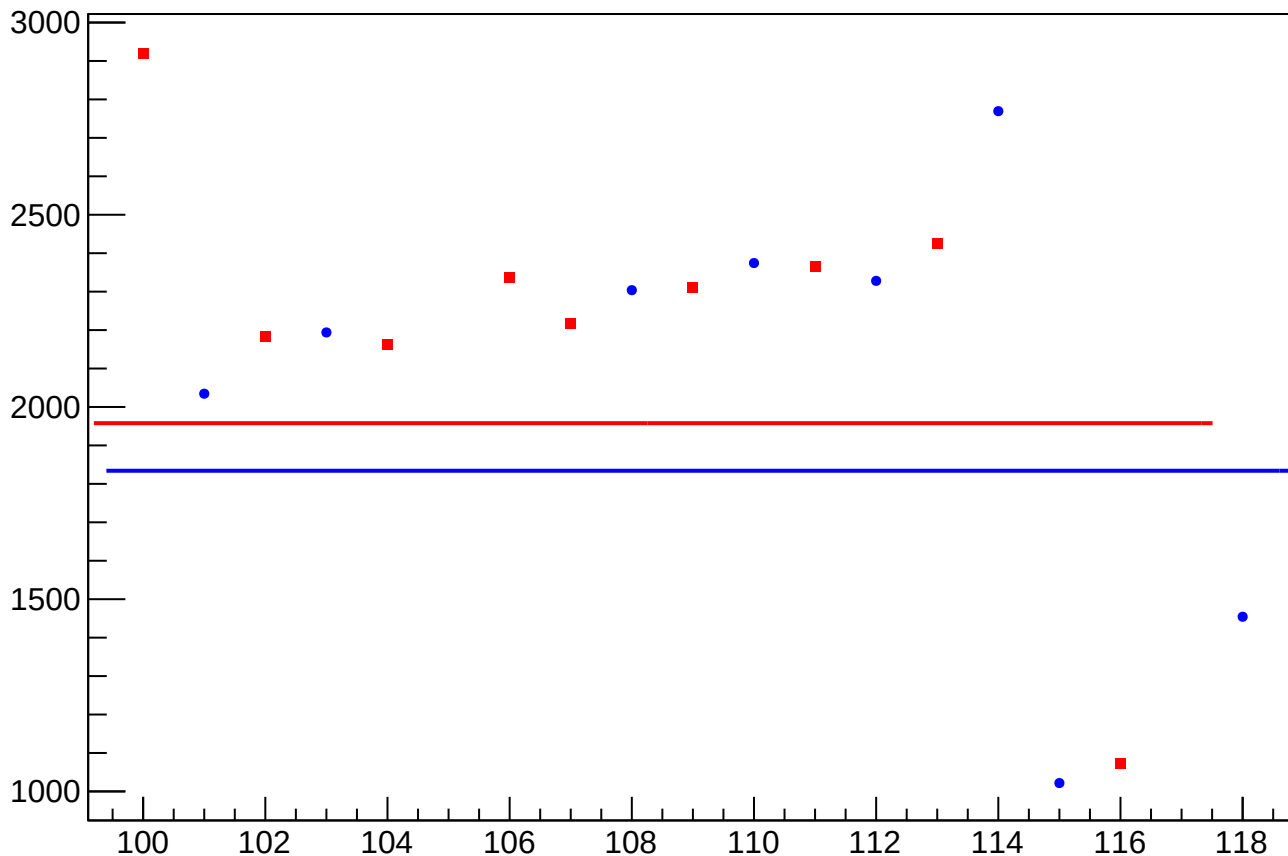
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.400+/-753.895 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



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: 1957.878+/-0.773 χ^2/NDF : 497926.5/8

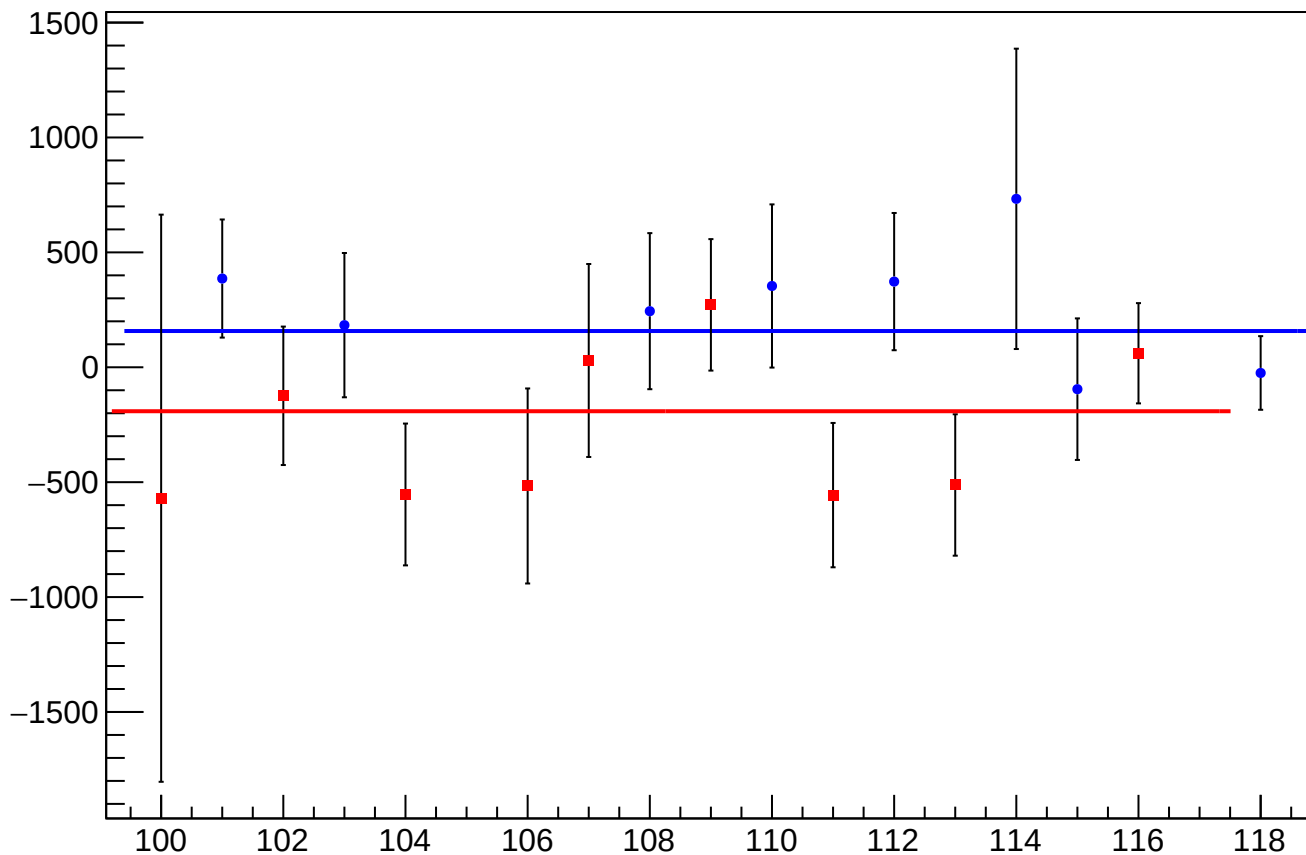
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.028+/-0.533 χ^2/NDF : 952795.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 157.778 $\pm$ 97.614 χ^2 /NDF: 4.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -191.288 $\pm$ 107.004 χ^2 /NDF: 8.8/8

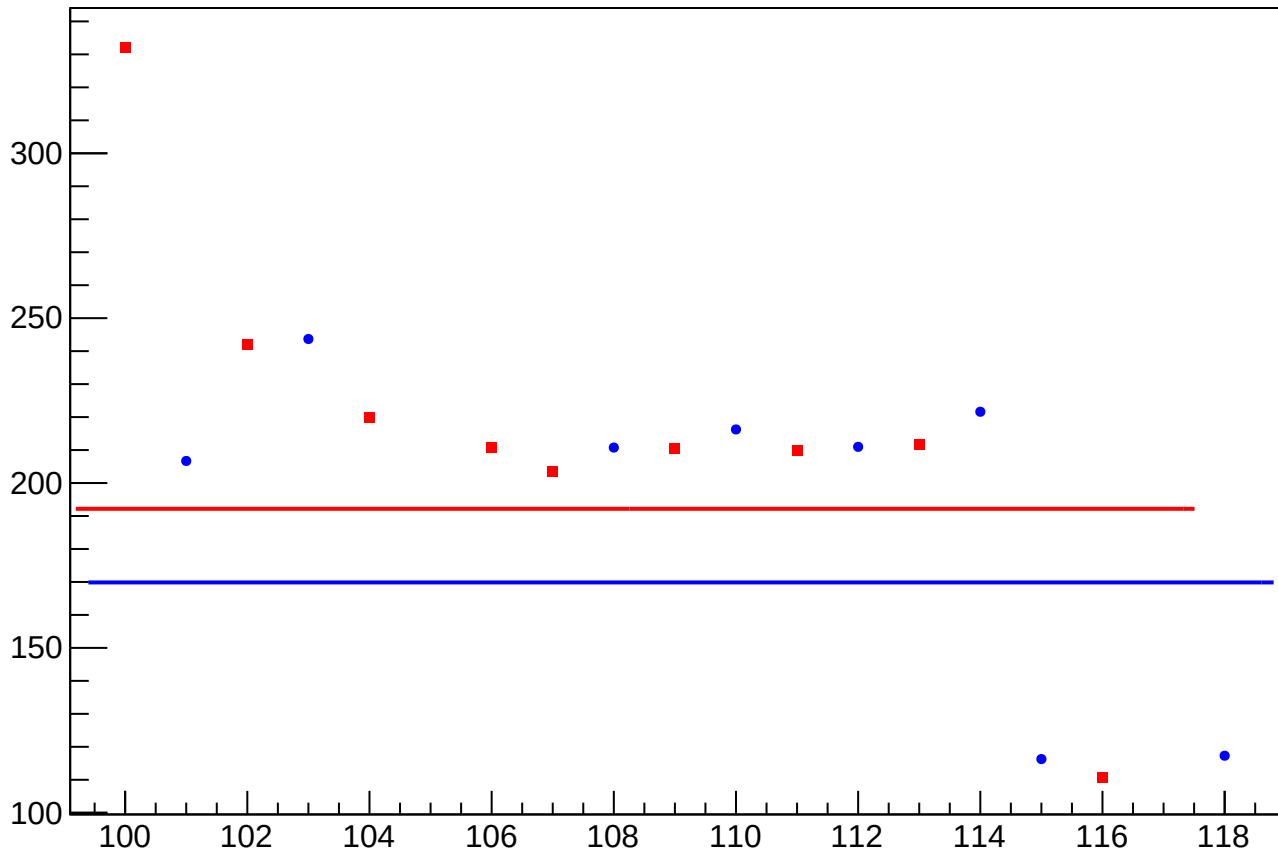
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.771 $\pm$ 72.115 χ^2 /NDF: 19.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



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: 192.185 $\pm$ 0.076 χ^2 /NDF: 403191.8/8

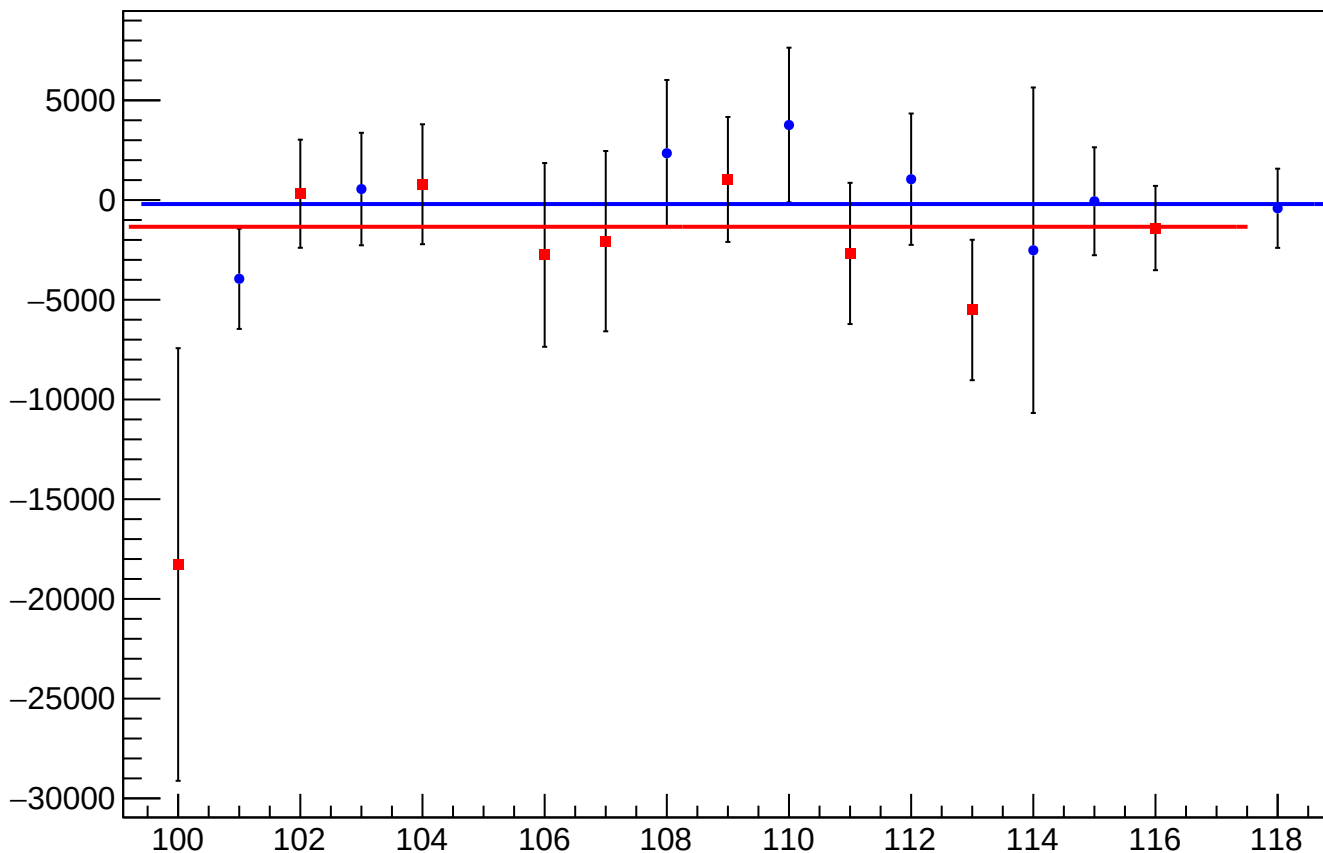
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.996 $\pm$ 0.051 χ^2 /NDF: 991765.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



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: -1340.388+/-1092.747 χ^2/NDF : 5.6/8

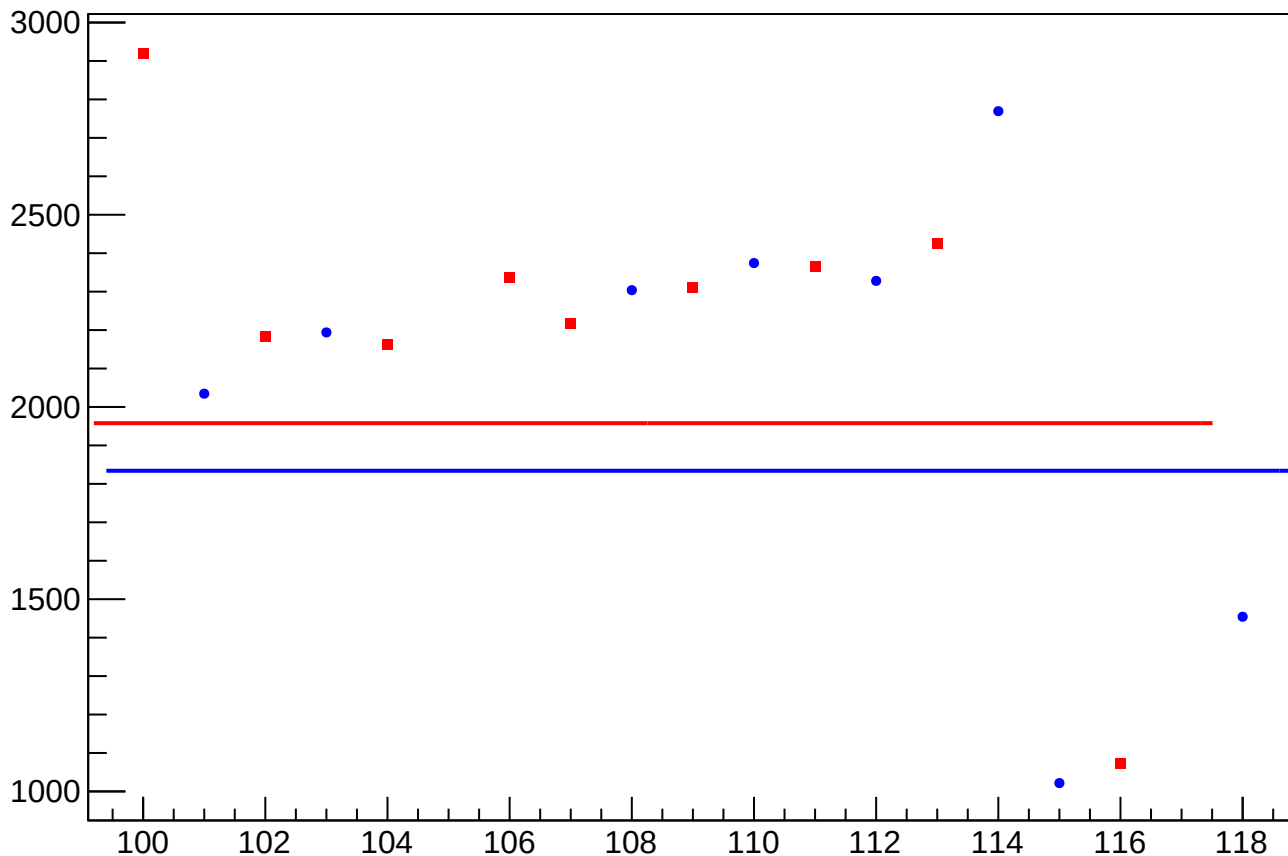
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -743.400+/-753.895 χ^2/NDF : 10.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



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: 1957.878+/-0.773 χ^2/NDF : 497926.5/8

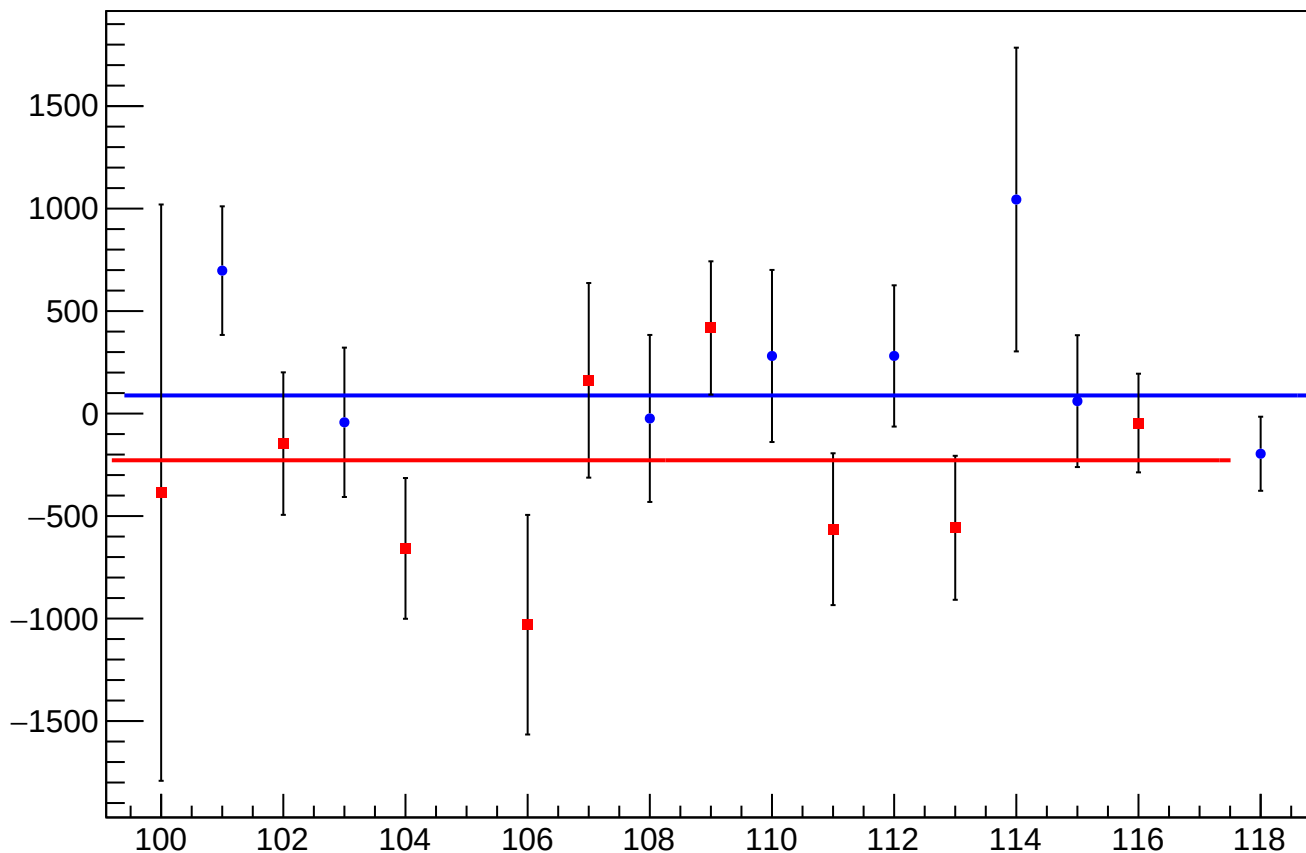
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.028+/-0.533 χ^2/NDF : 952795.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 88.442 $\pm$ 111.857 χ^2 /NDF: 8.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -227.895 $\pm$ 121.902 χ^2 /NDF: 10.8/8

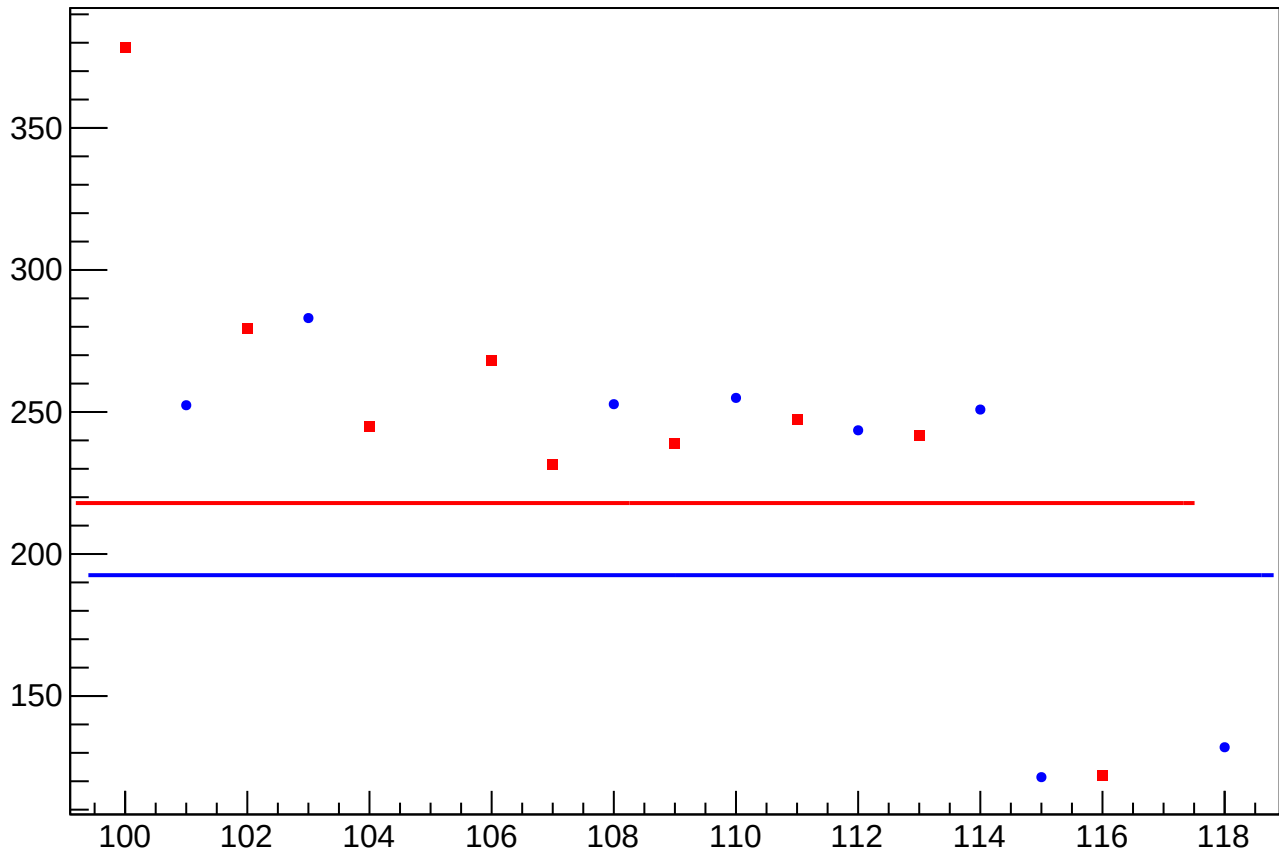
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -56.158 $\pm$ 82.418 χ^2 /NDF: 23.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 192.551 $\pm$ 0.079 χ^2 /NDF: 662770.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 217.940 $\pm$ 0.086 χ^2 /NDF: 468602.6/8

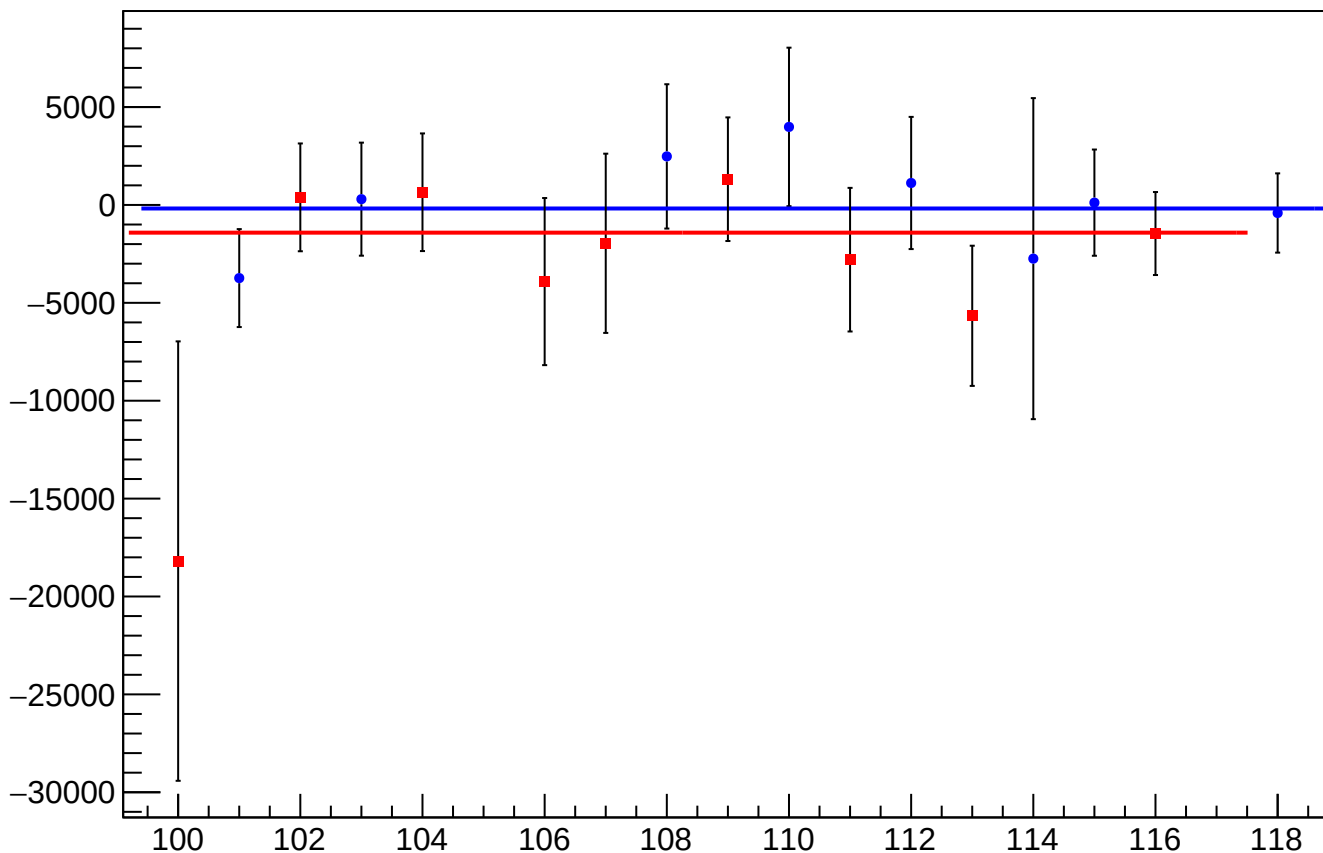
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 204.157 $\pm$ 0.058 χ^2 /NDF: 1178470.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



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: -1415.309+/-1098.679 χ^2/NDF : 5.8/8

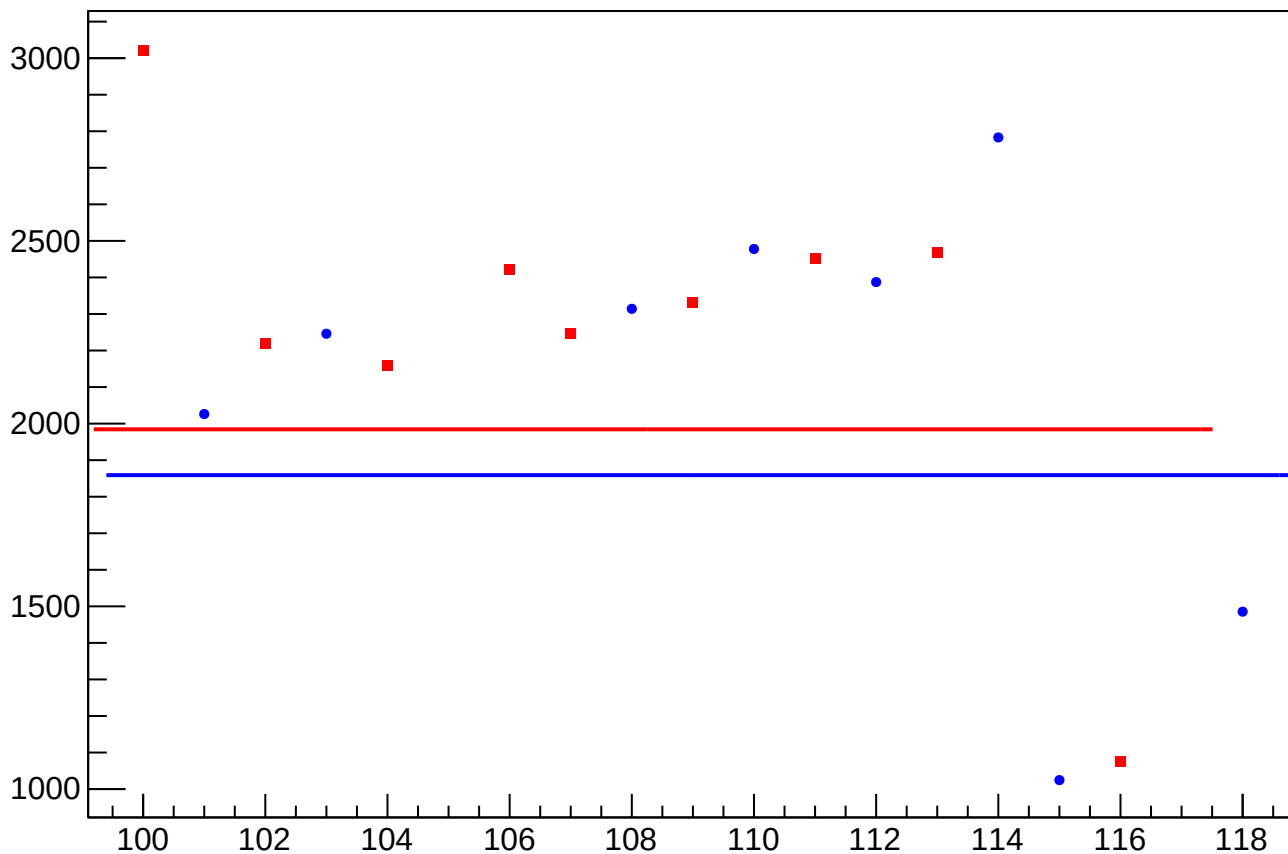
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -773.742+/-761.313 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



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: 1984.417+/-0.777 χ^2/NDF : 526390.0/8

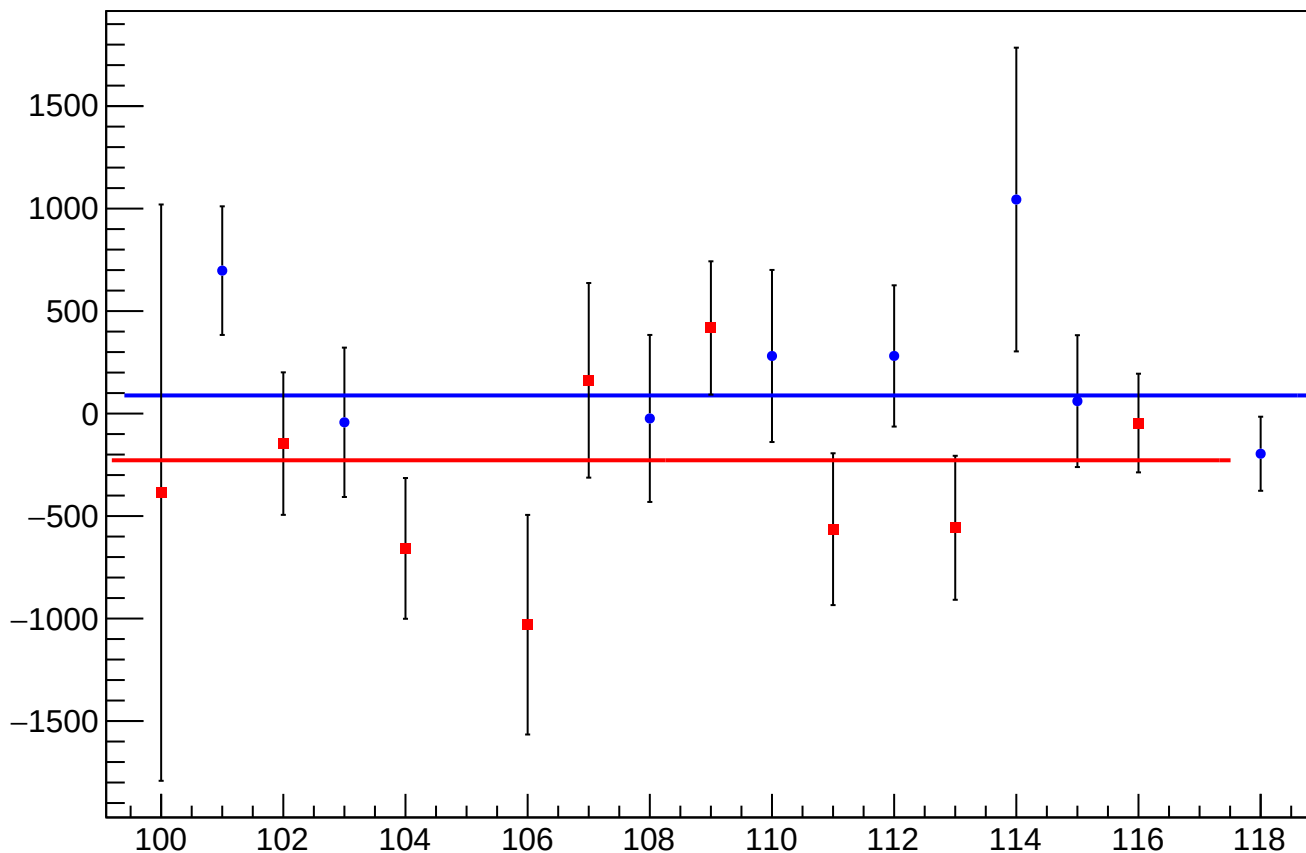
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1919.194+/-0.538 χ^2/NDF : 993735.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



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: -227.897+/-121.902 χ^2/NDF : 10.8/8

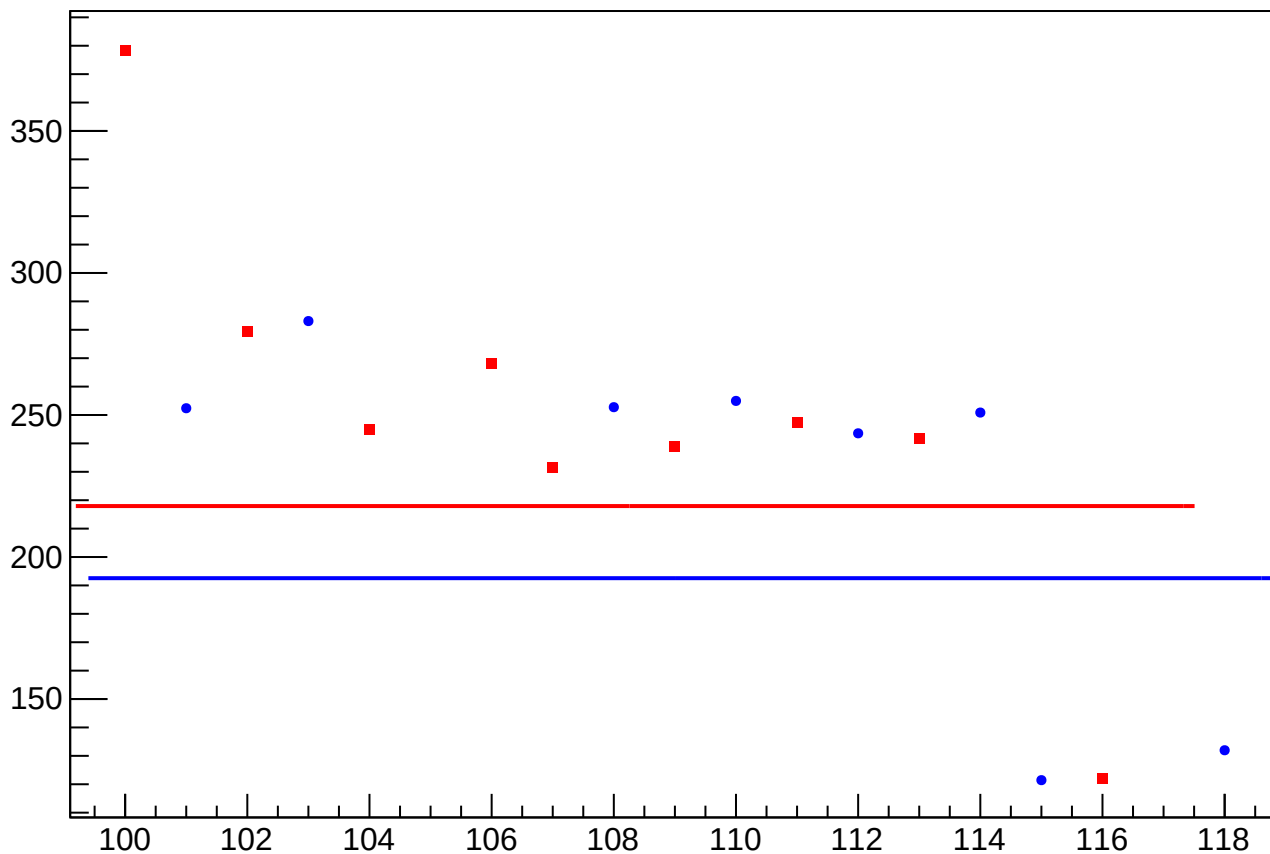
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.159+/-82.418 χ^2/NDF : 23.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



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: 217.940 ± 0.086 χ^2/NDF : 468577.4/8

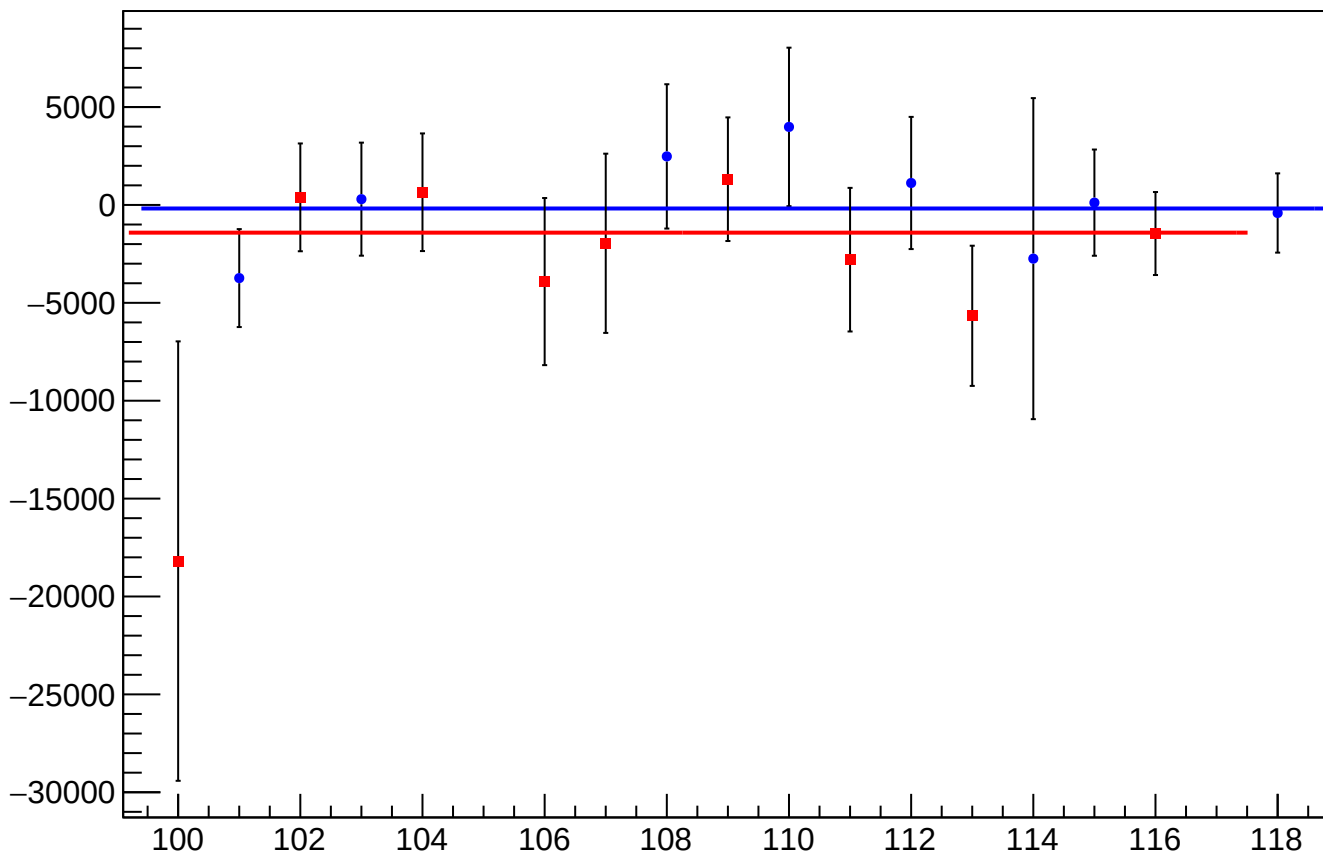
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 204.156 ± 0.058 χ^2/NDF : 1178434.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -181.148+/-1055.909 χ^2/NDF : 3.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1415.310+/-1098.677 χ^2/NDF : 5.8/8

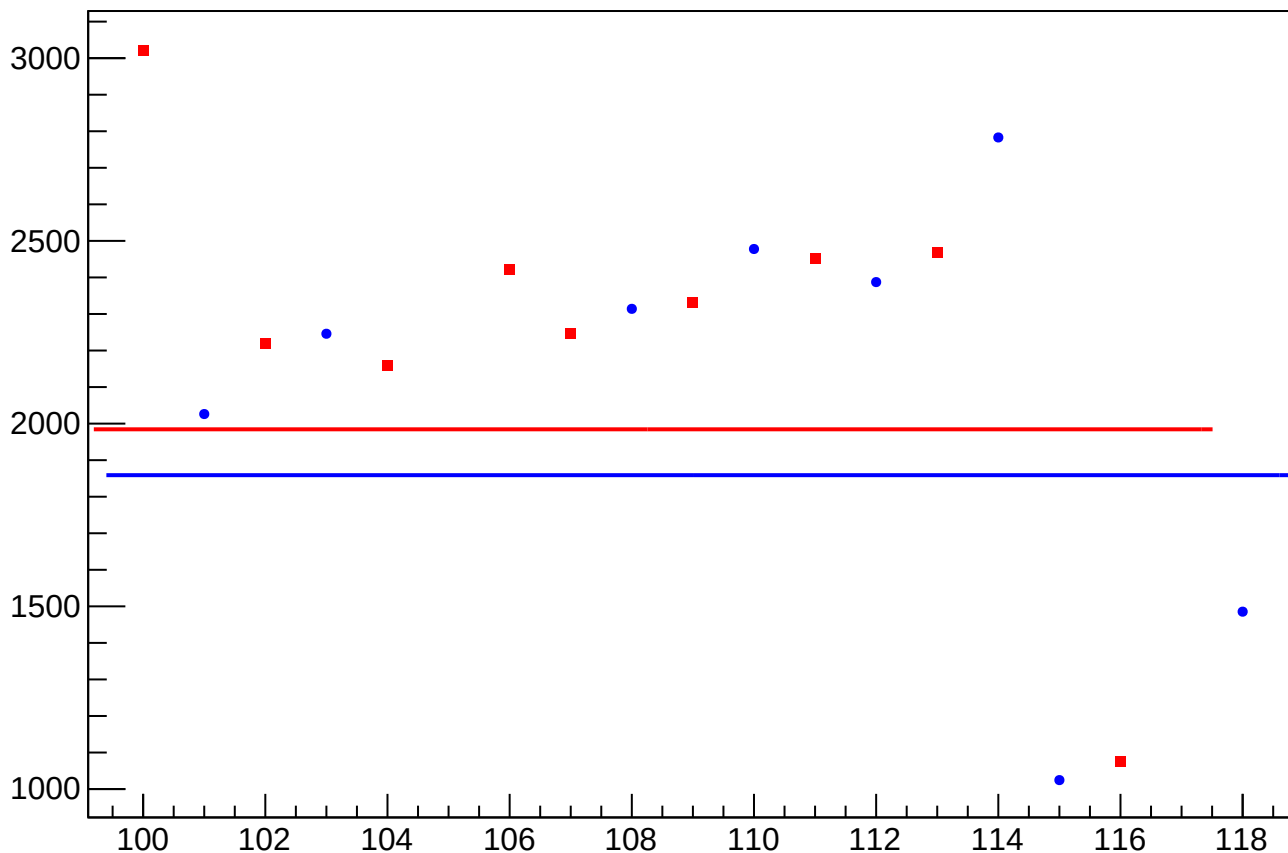
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -773.741+/-761.311 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1858.948 $\pm$ 0.747 χ^2 /NDF: 453777.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1984.415 $\pm$ 0.777 χ^2 /NDF: 526378.7/8

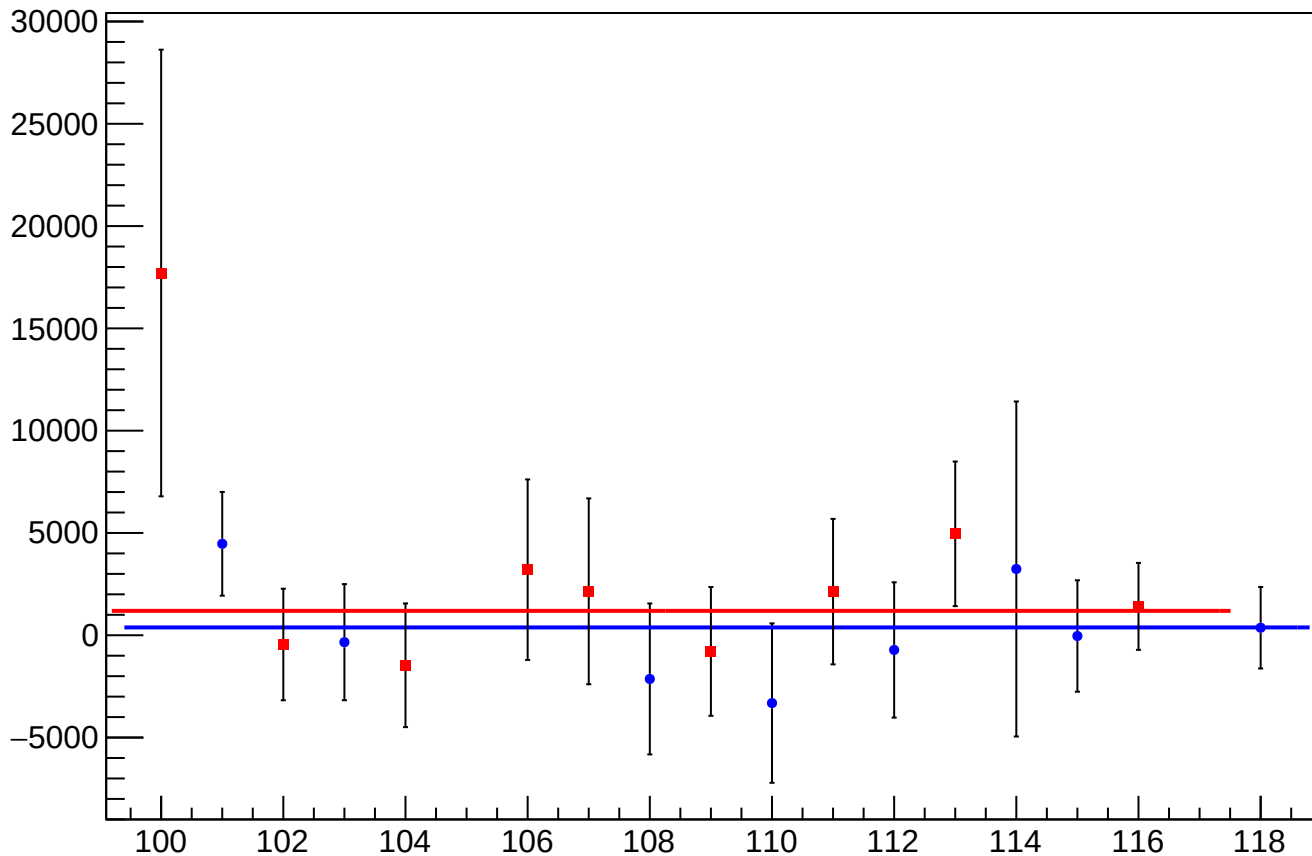
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1919.192 $\pm$ 0.538 χ^2 /NDF: 993715.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



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: 1192.309+/-1095.122 χ^2/NDF : 5.3/8

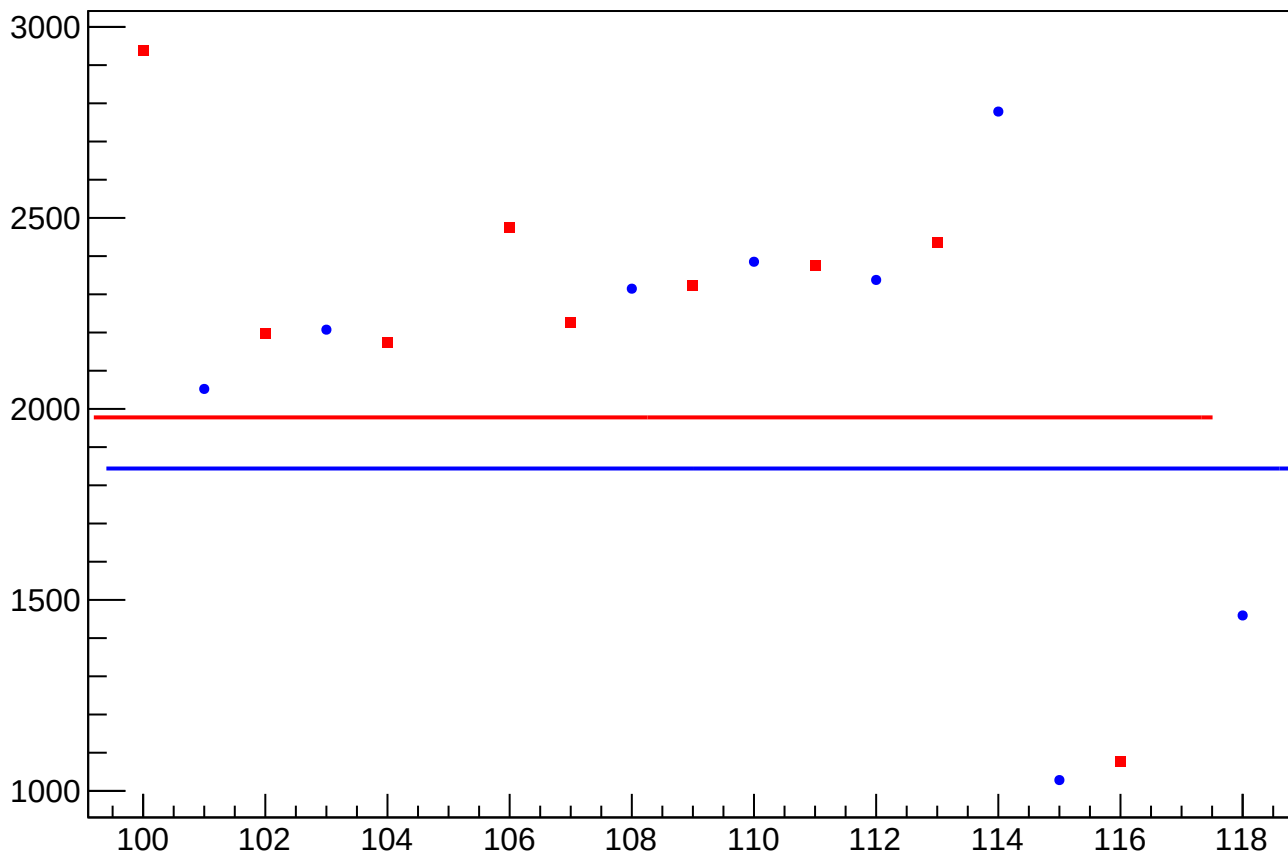
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 769.042+/-756.793 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_rms vs Slug



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: 1977.821+/-0.774 χ^2/NDF : 509456.5/8

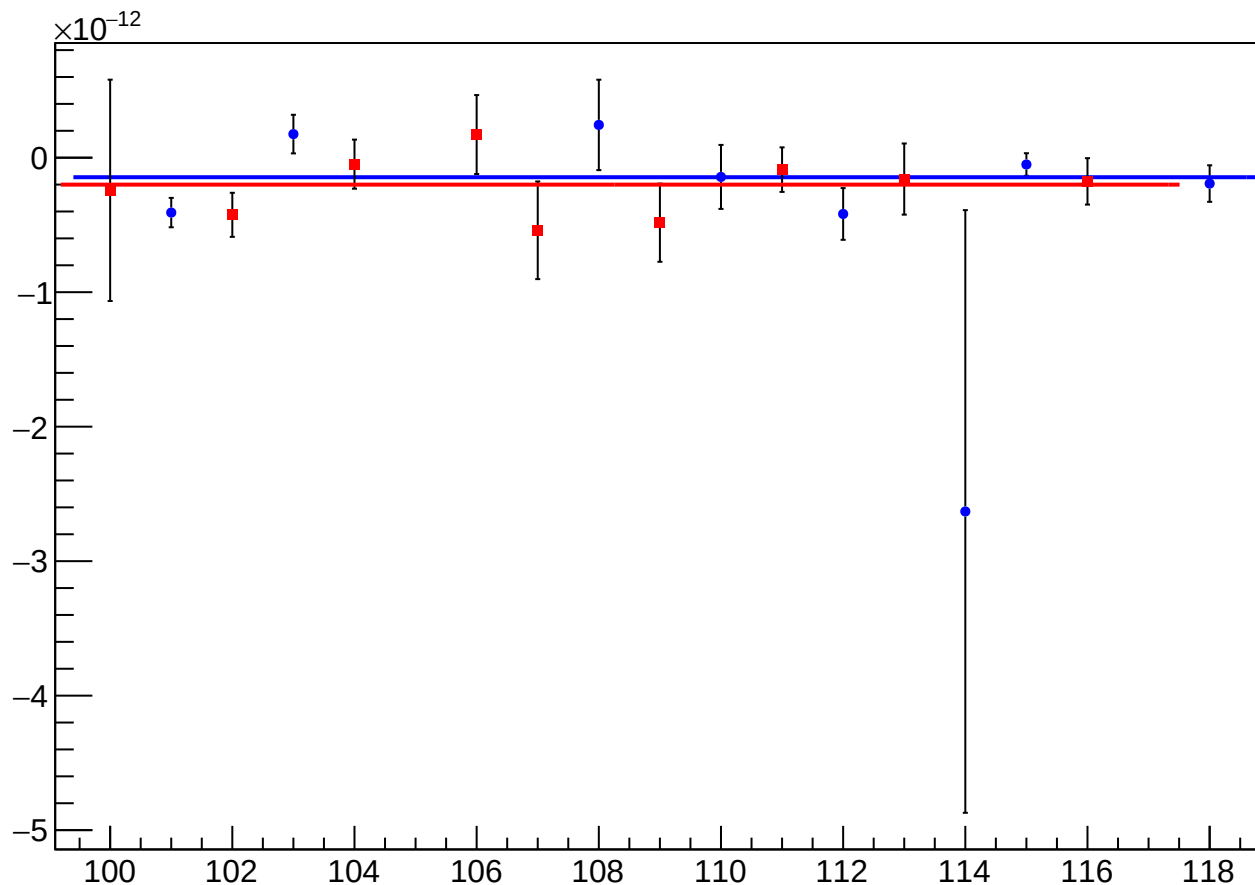
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.909+/-0.535 χ^2/NDF : 967050.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



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: 6.5/8

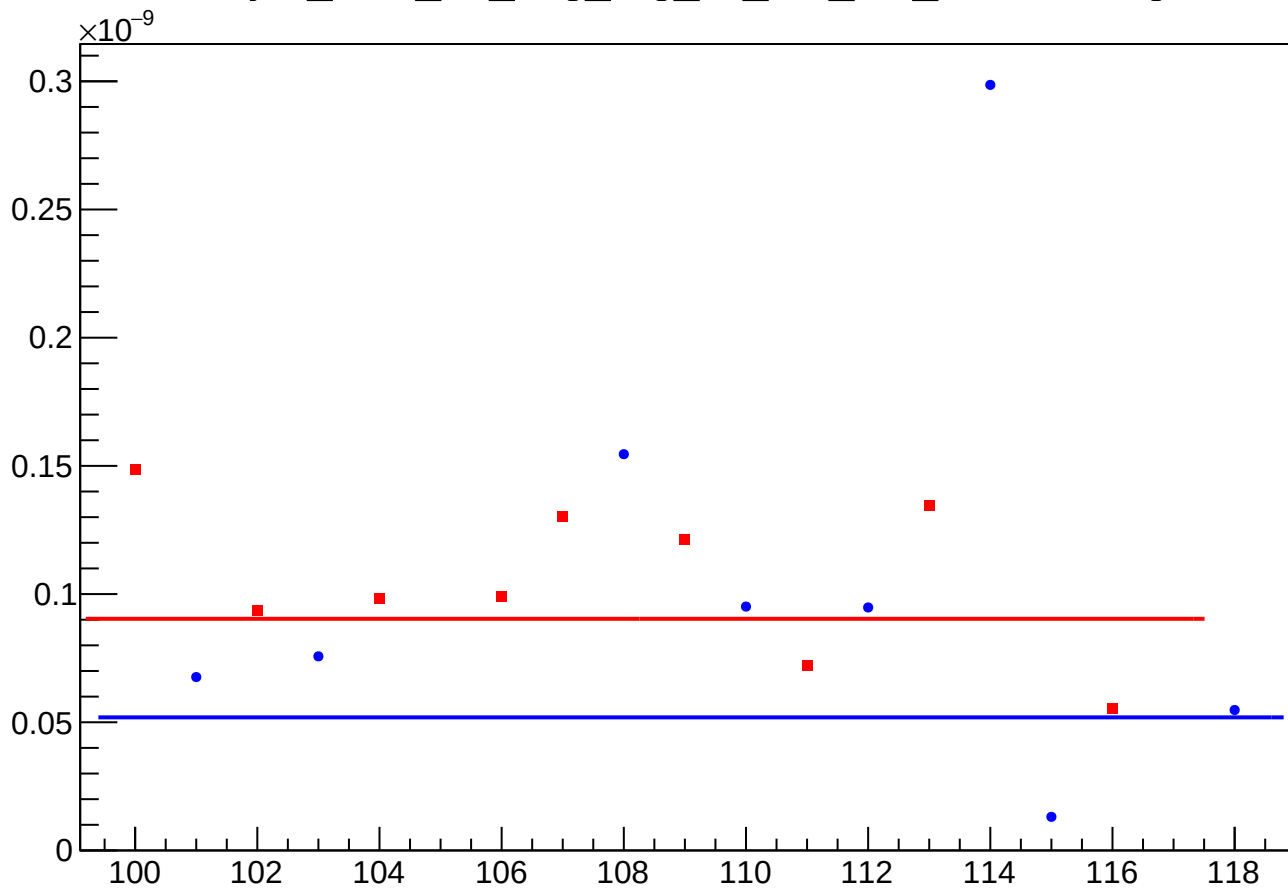
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug



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 : 225176.5/8

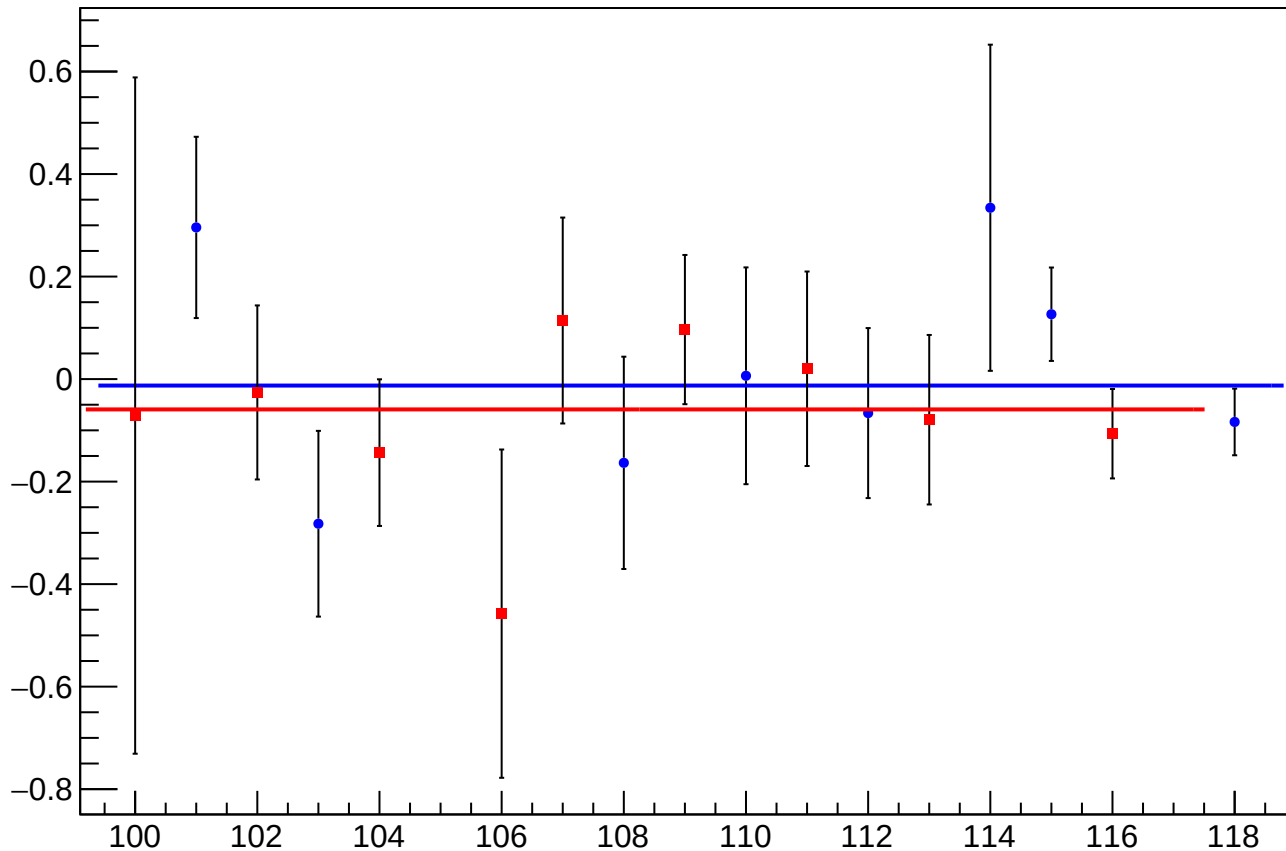
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1493273.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



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: -0.059+/-0.052 χ^2/NDF : 4.3/8

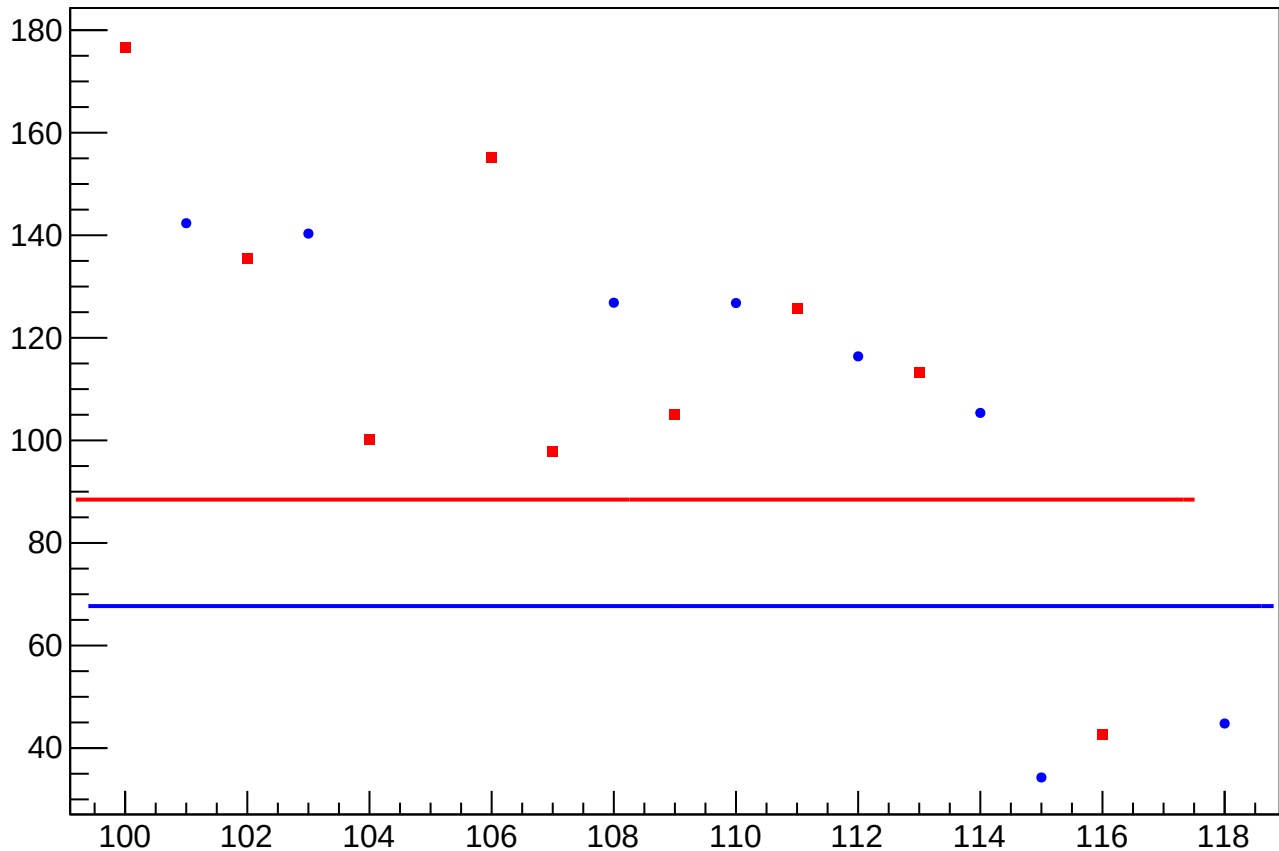
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.034 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



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: 88.460+/-0.037 χ^2/NDF : 993323.2/8

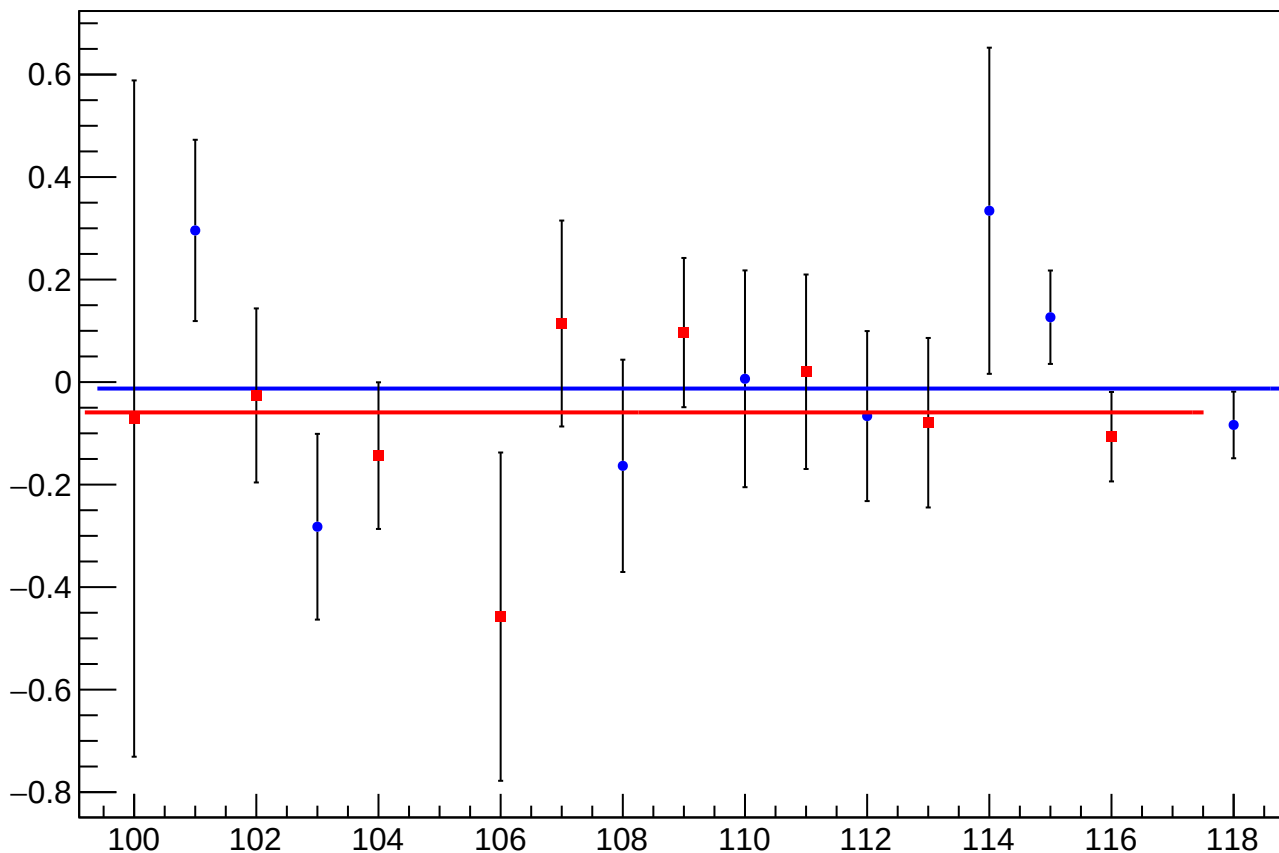
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.317+/-0.024 χ^2/NDF : 2891674.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.059+/-0.052 χ^2/NDF : 4.3/8

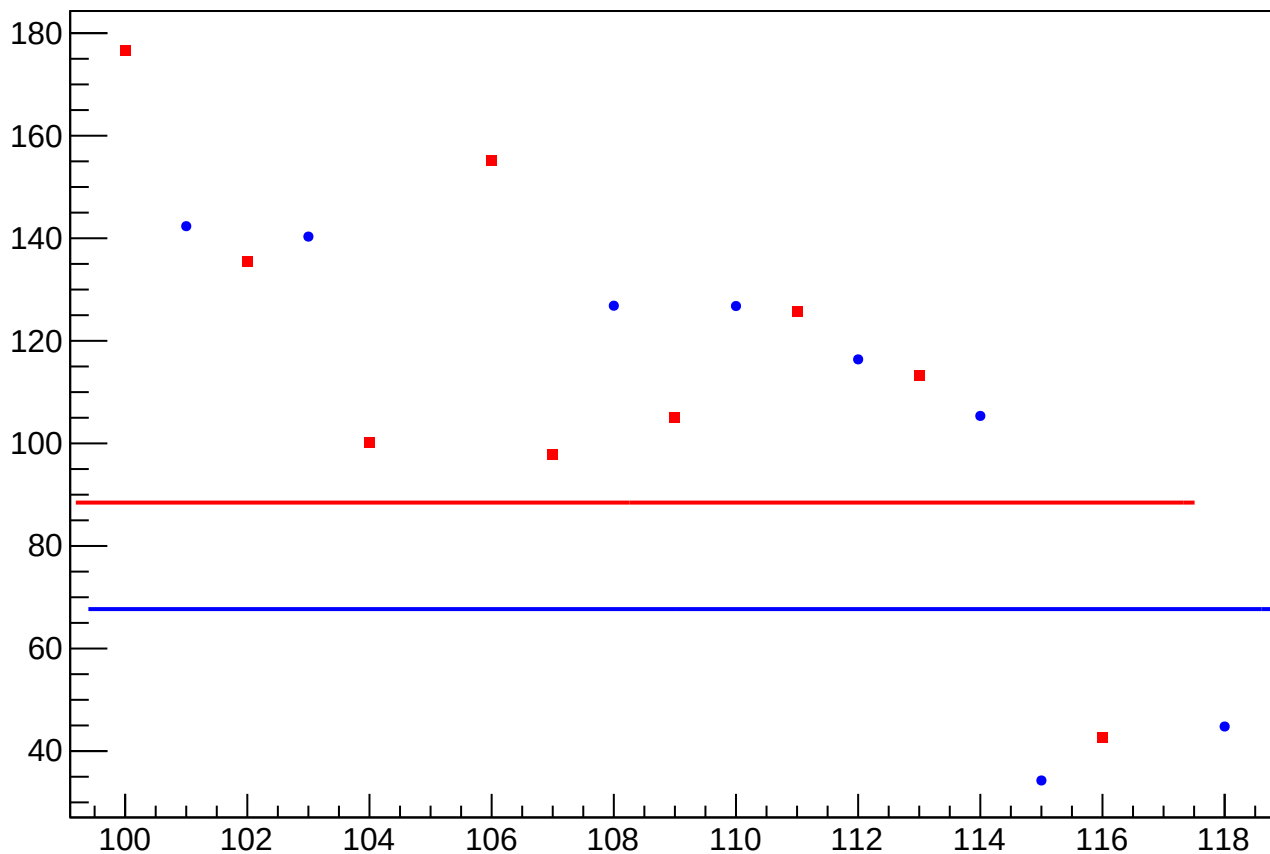
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.034 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 88.460+/-0.037 χ^2/NDF : 993323.2/8

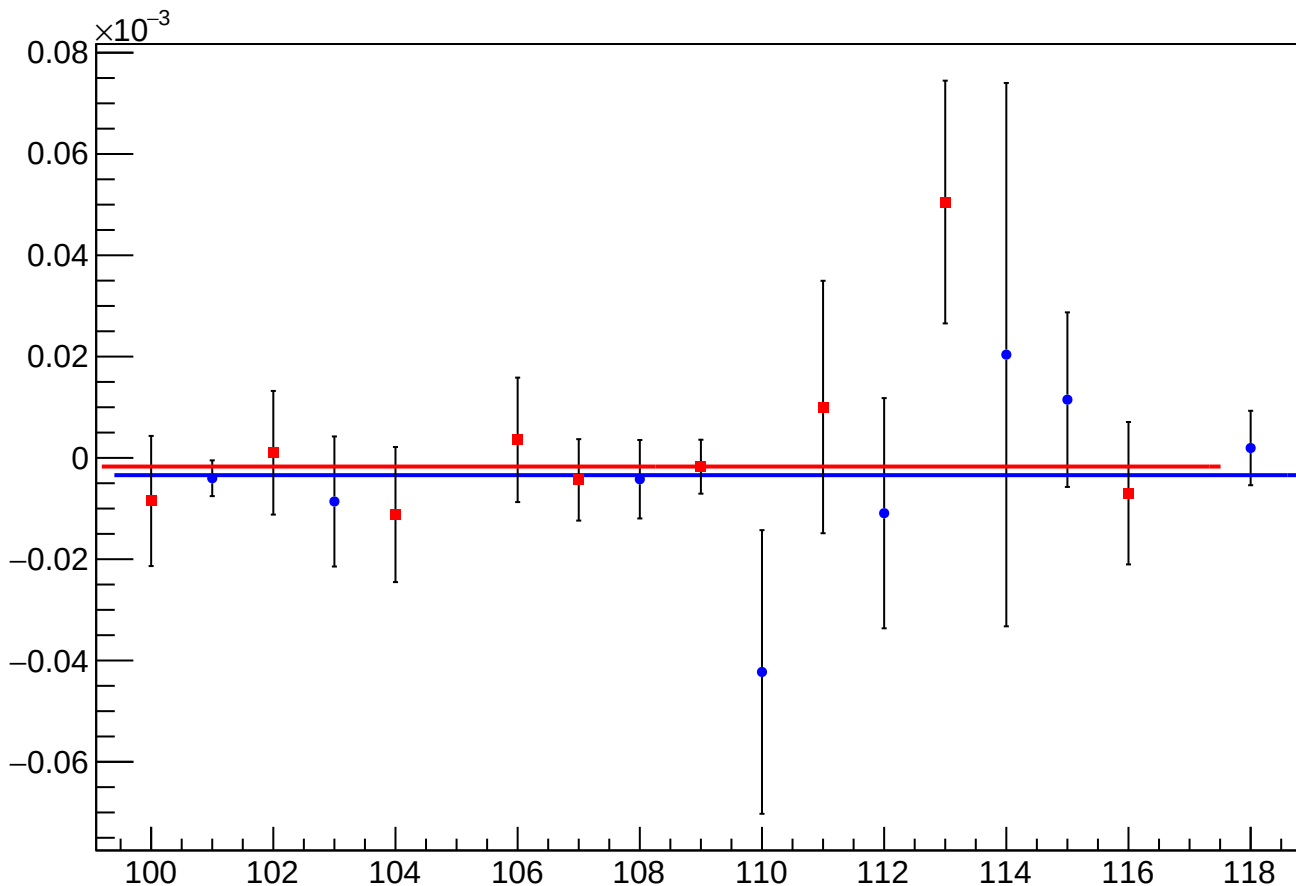
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.317+/-0.024 χ^2/NDF : 2891674.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/8

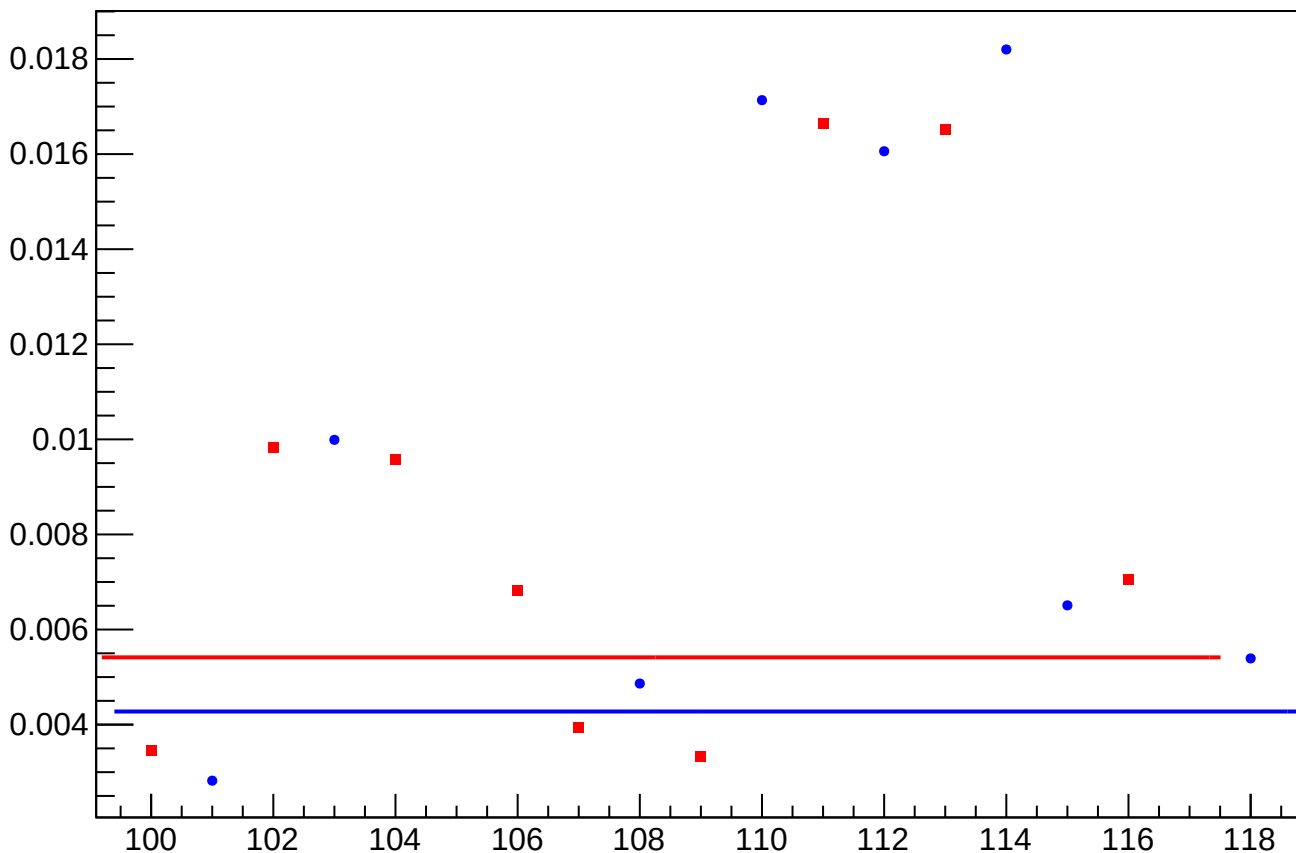
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1764757.0/8

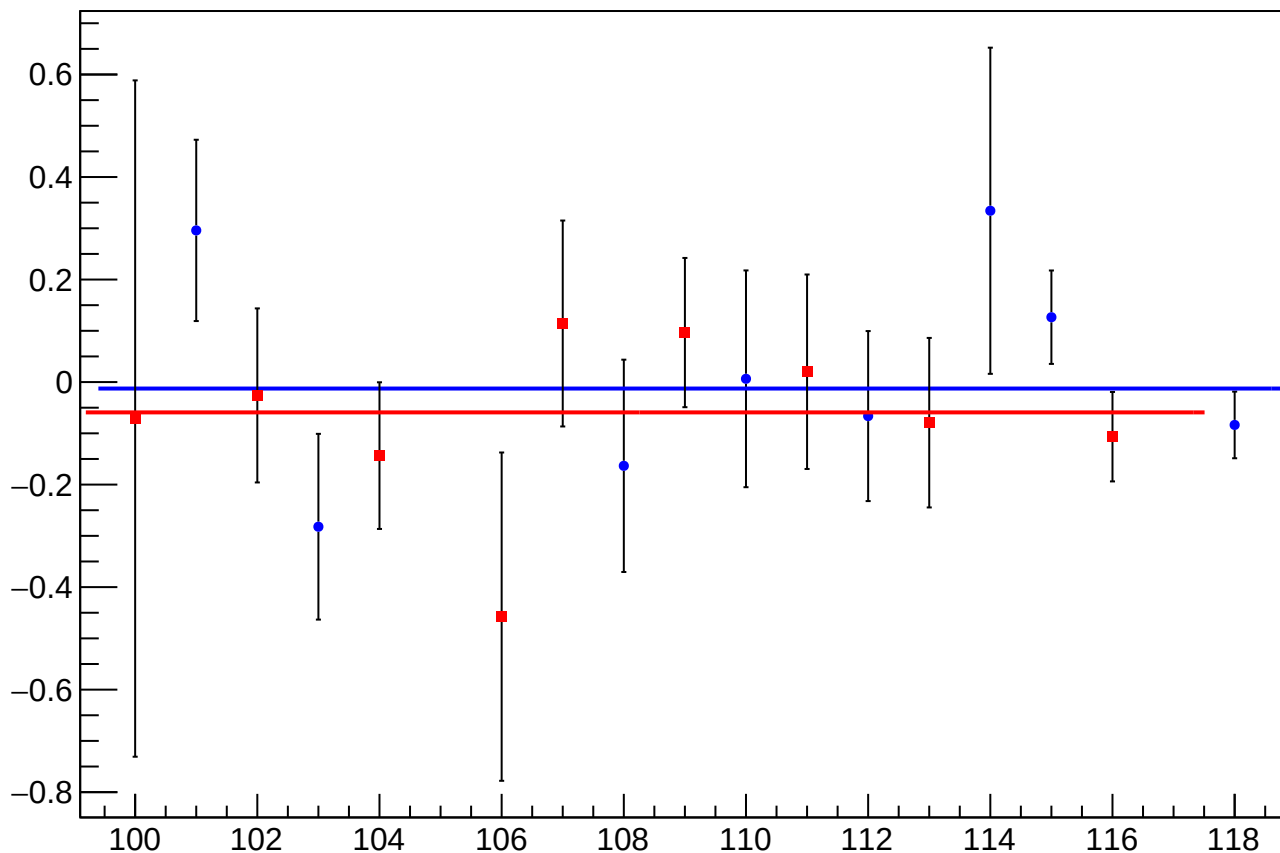
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3818059.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.059+/-0.052 χ^2/NDF : 4.3/8

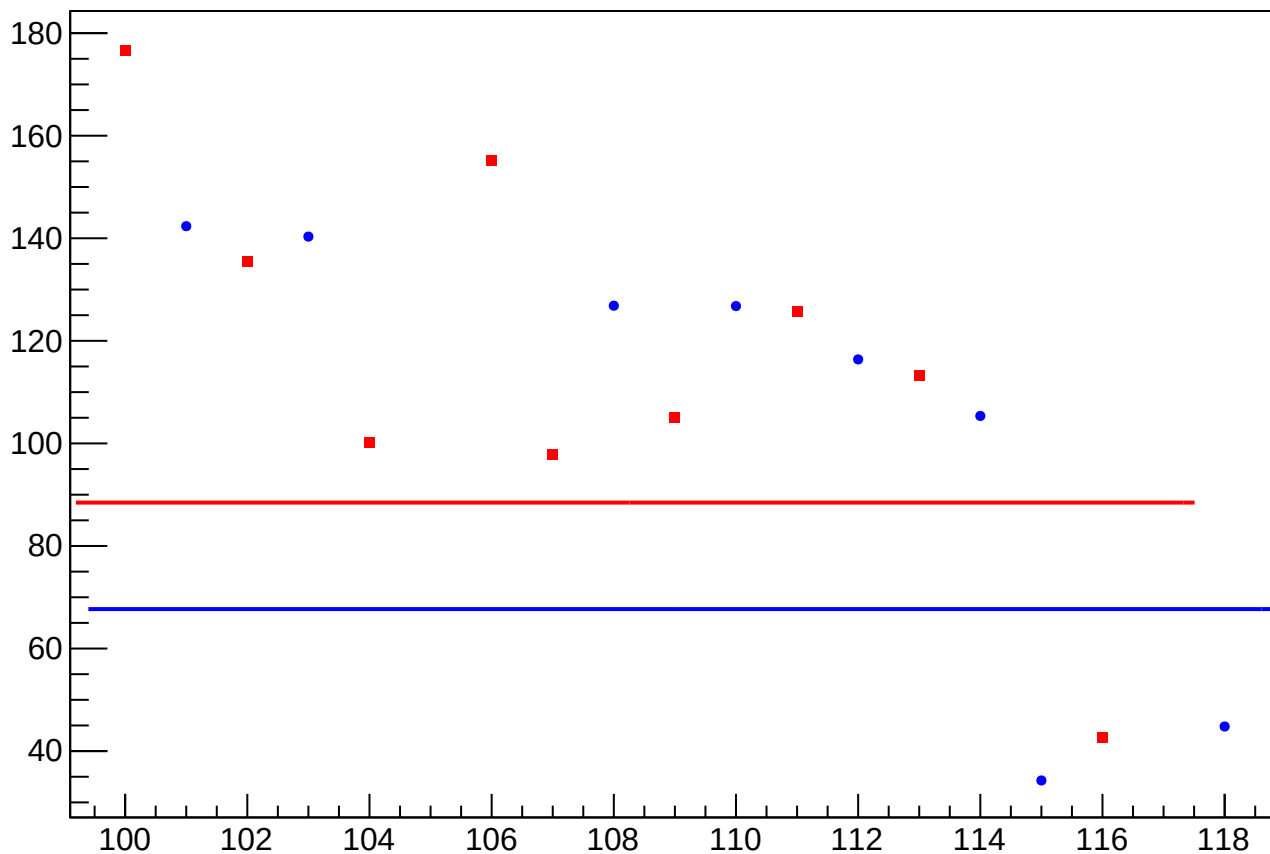
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.034 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 88.461+/-0.037 χ^2/NDF : 993174.5/8

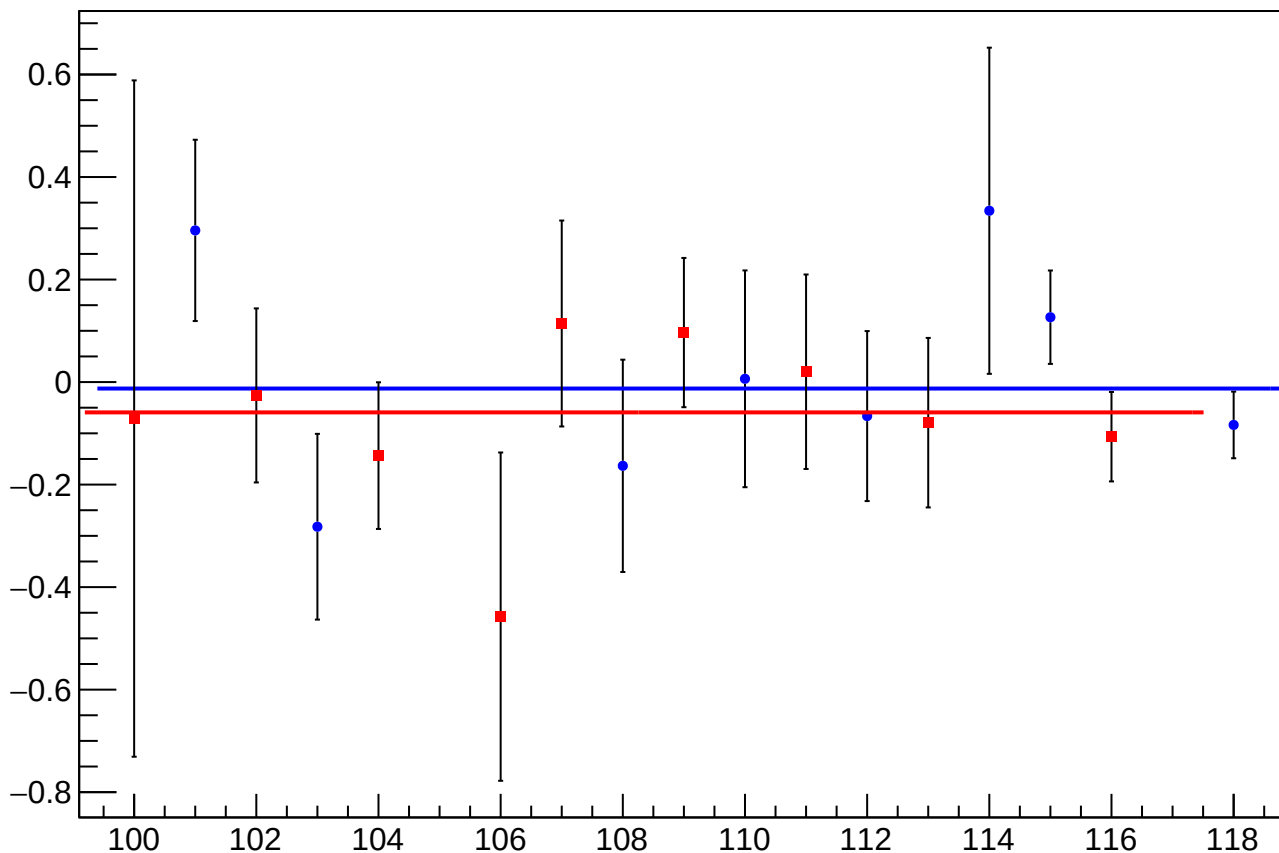
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.319+/-0.024 χ^2/NDF : 2891382.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.059+/-0.052 χ^2/NDF : 4.3/8

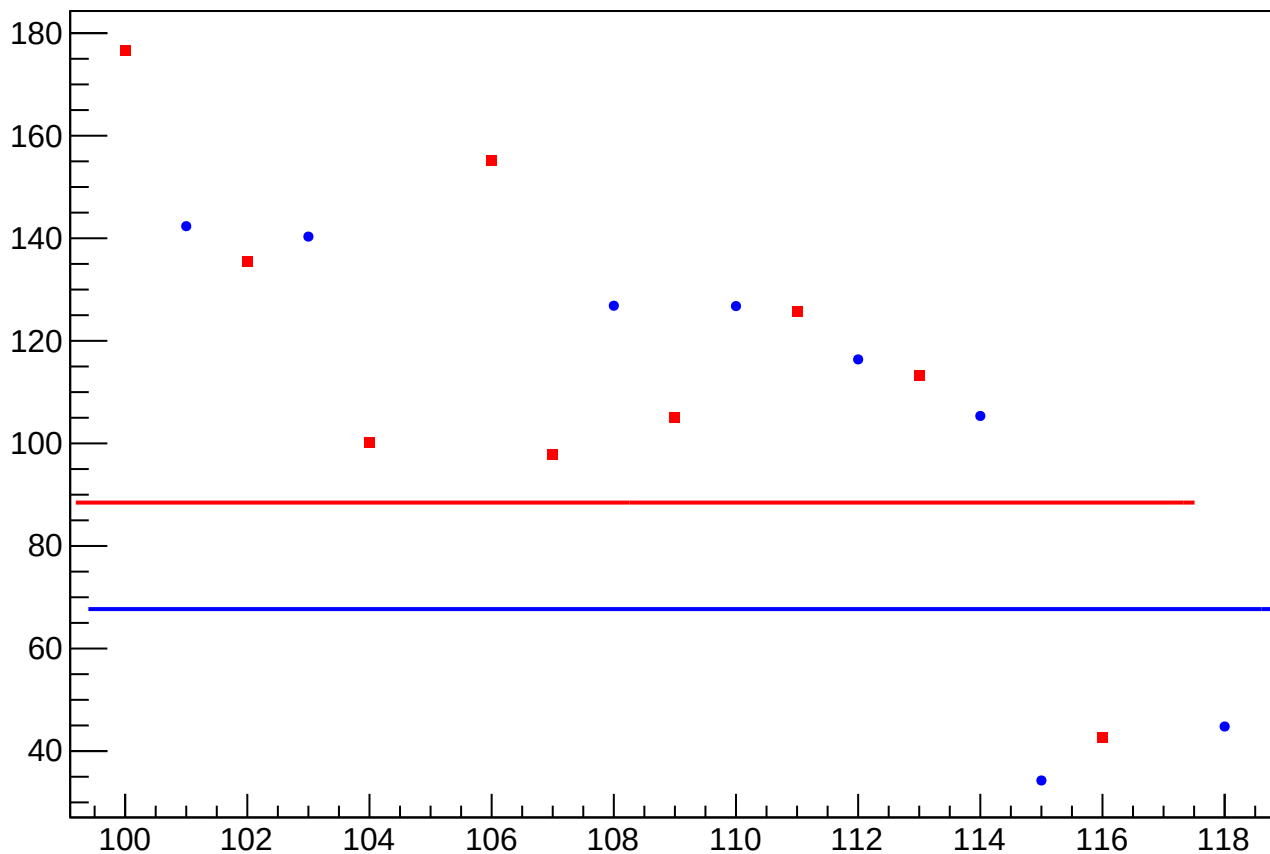
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.032+/-0.034 χ^2/NDF : 15.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 88.461+/-0.037 χ^2/NDF : 993174.5/8

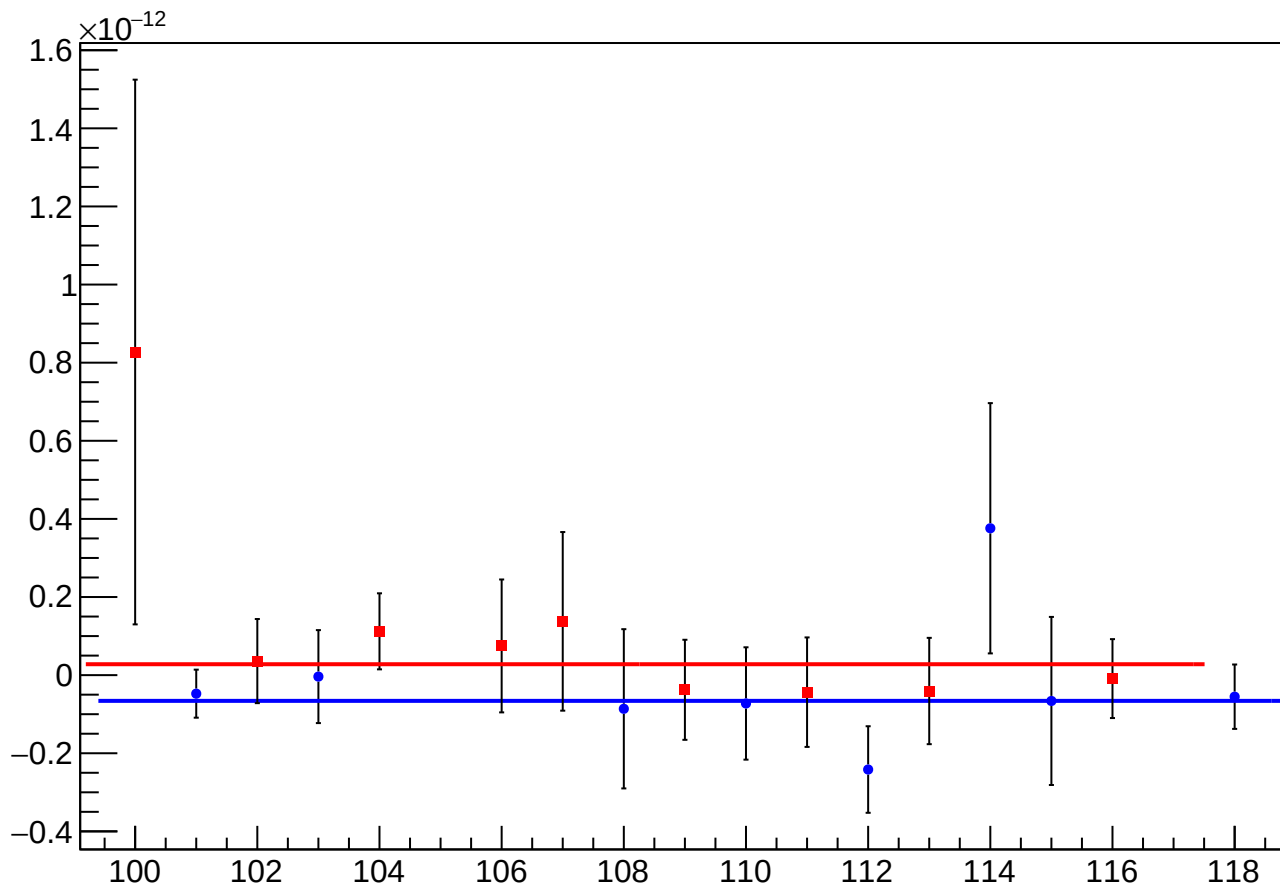
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.319+/-0.024 χ^2/NDF : 2891382.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 3.3/8

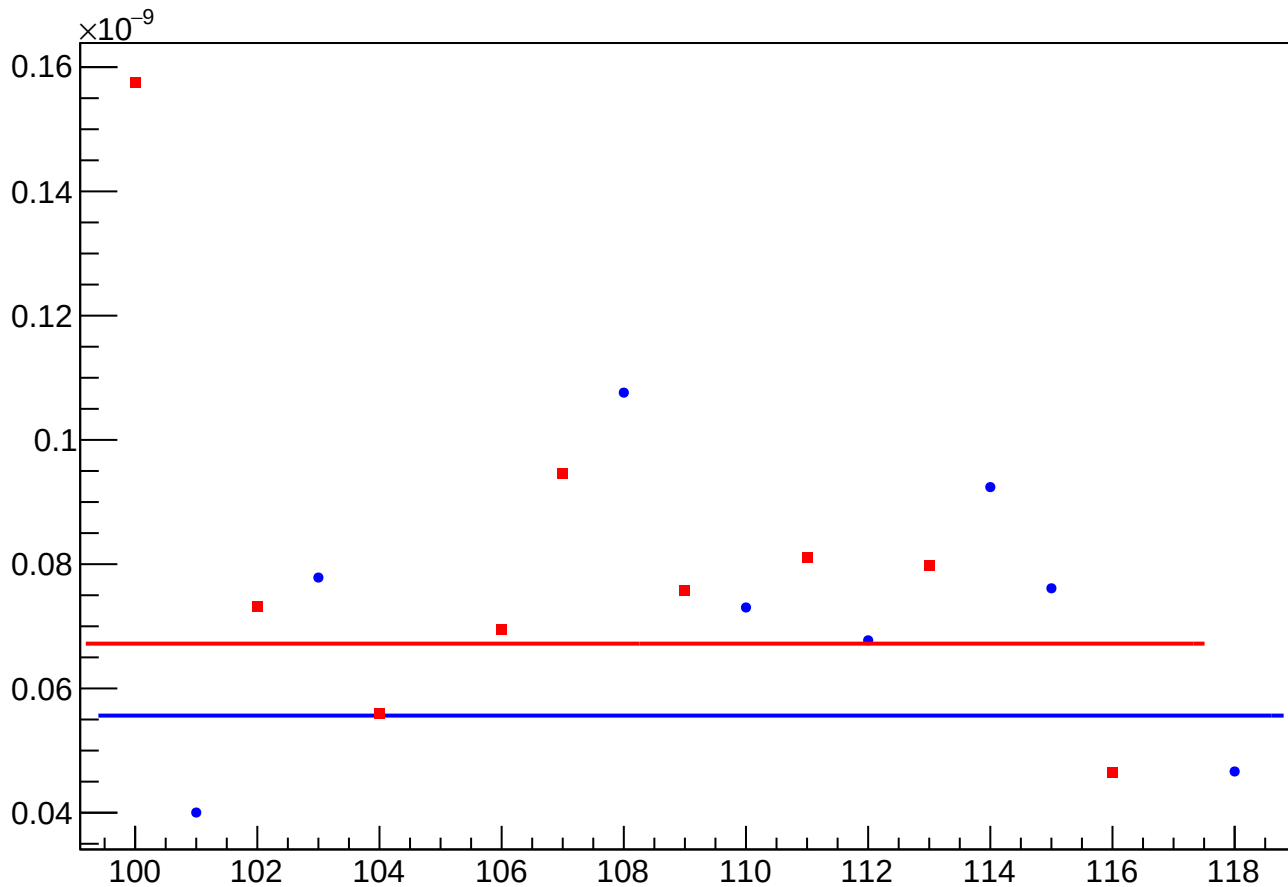
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 225065.4/8

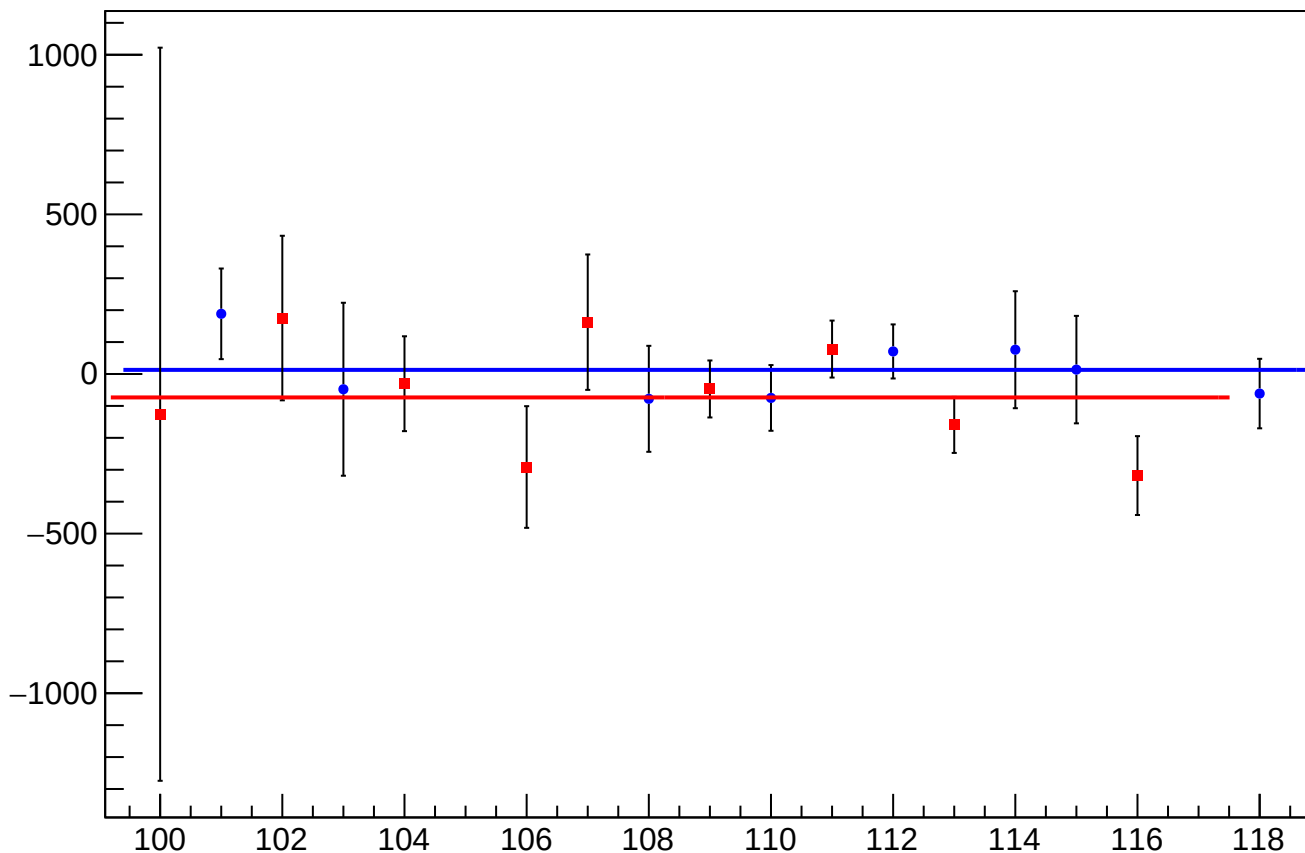
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 752603.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



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: -73.412+/-42.353 χ^2/NDF : 11.4/8

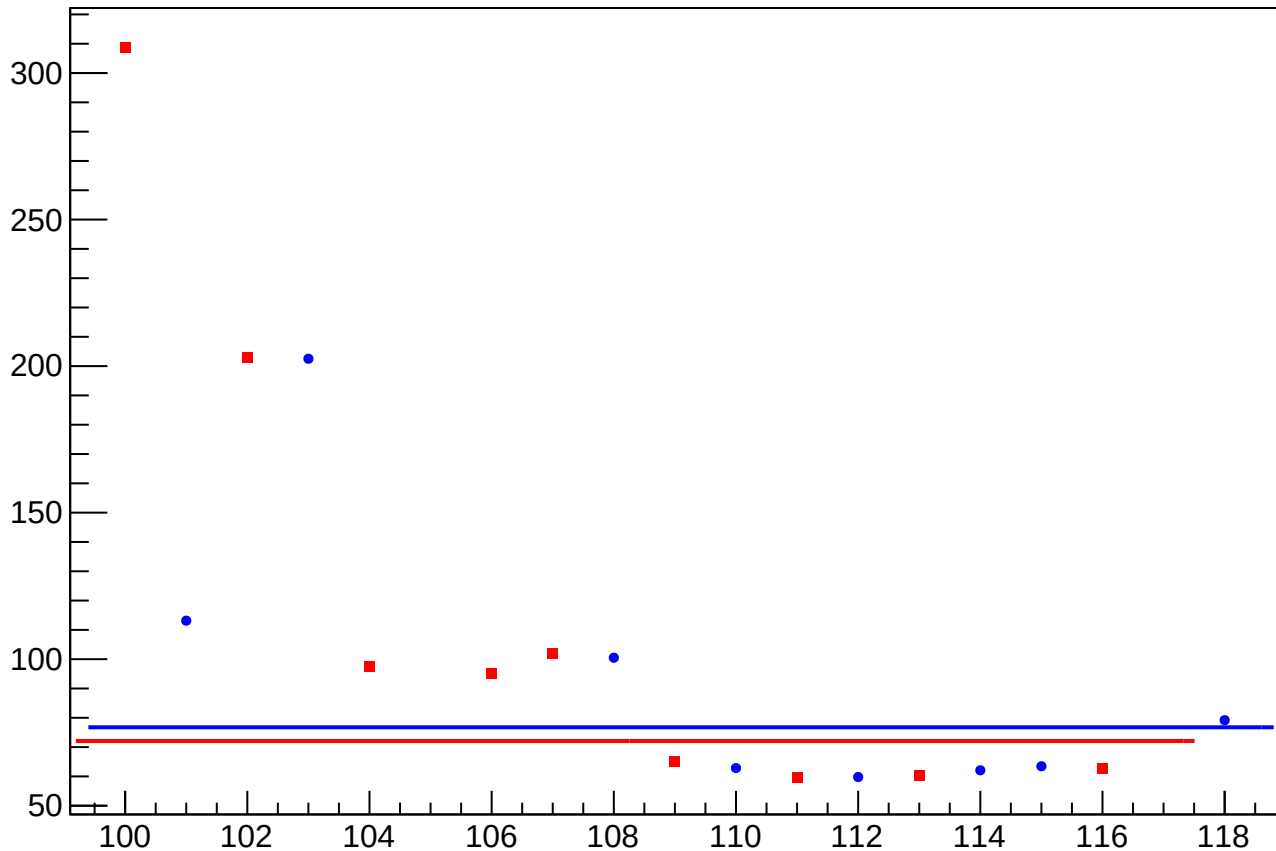
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.347+/-31.005 χ^2/NDF : 17.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



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: 72.090+/-0.030 χ^2/NDF : 824469.2/8

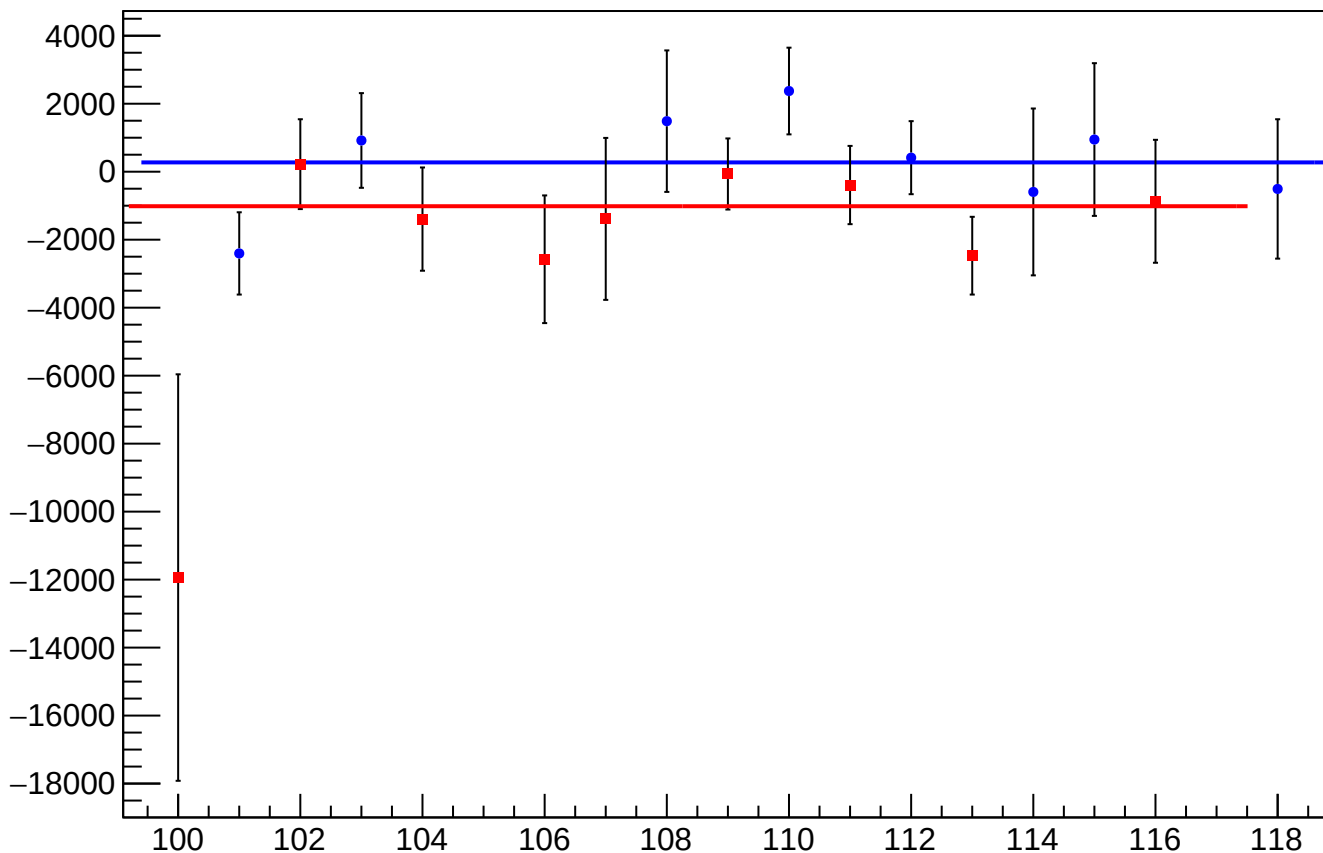
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.256+/-0.022 χ^2/NDF : 1582107.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



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: -1015.474+/-486.022 χ^2/NDF : 7.7/8

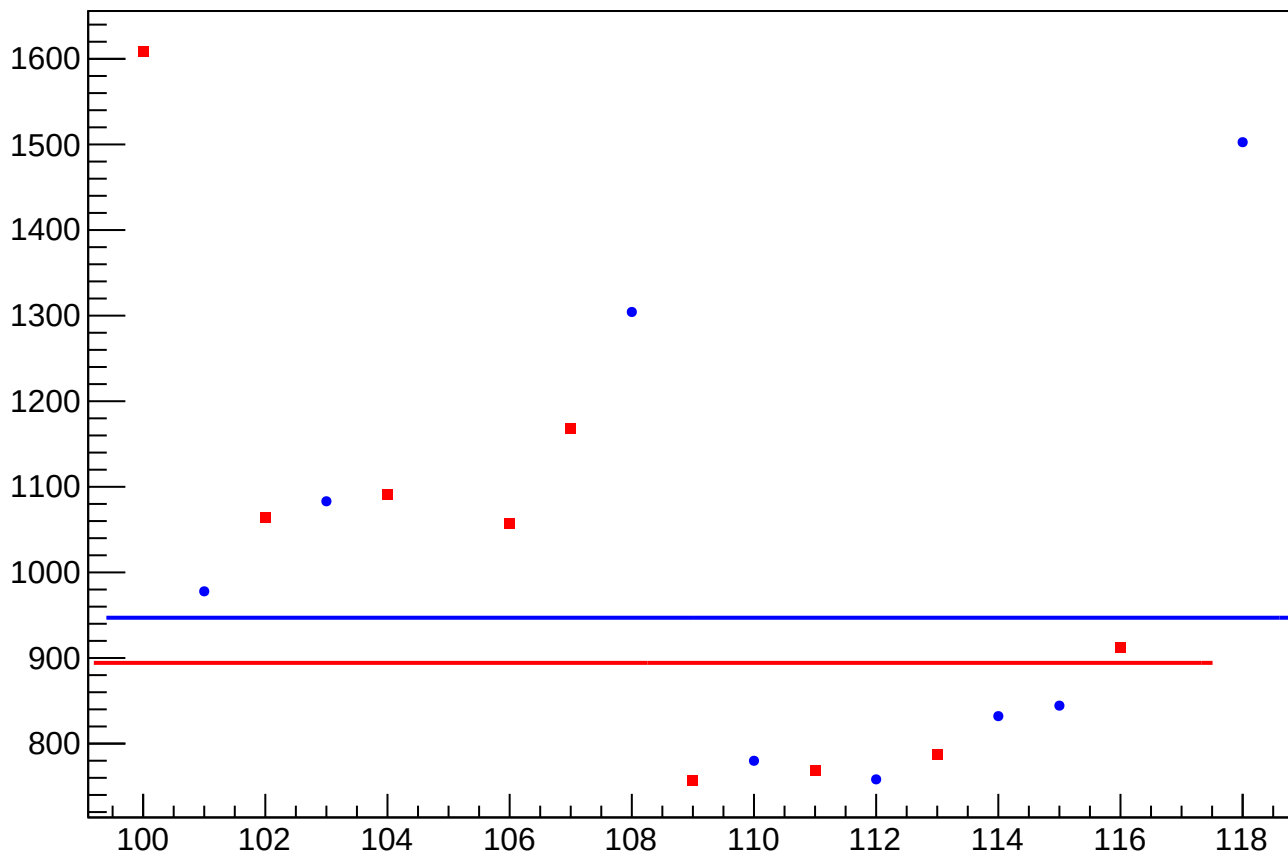
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.977+/-359.310 χ^2/NDF : 19.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



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: 894.316+/-0.344 χ^2/NDF : 212673.5/8

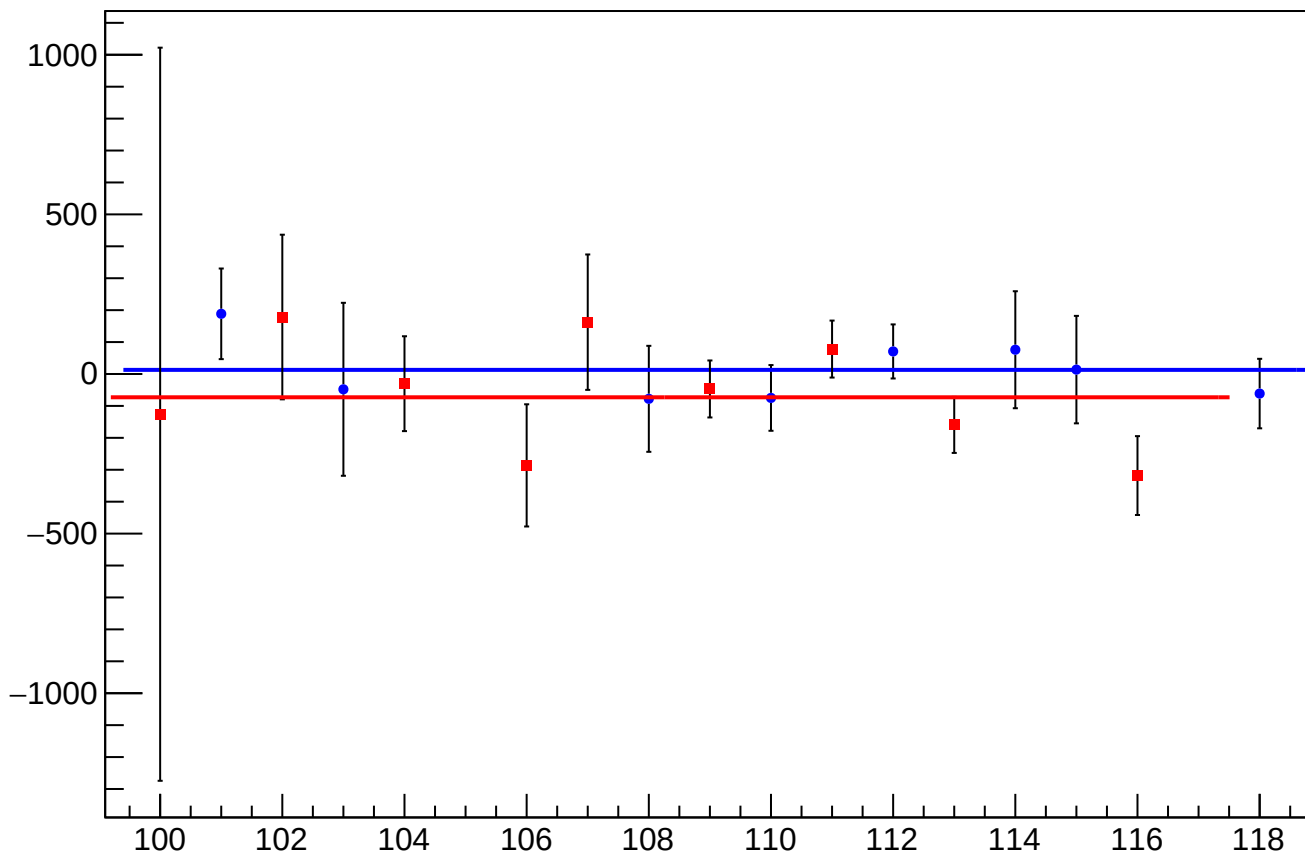
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.232+/-0.254 χ^2/NDF : 554213.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



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: -72.980+/-42.363 χ^2/NDF : 11.4/8

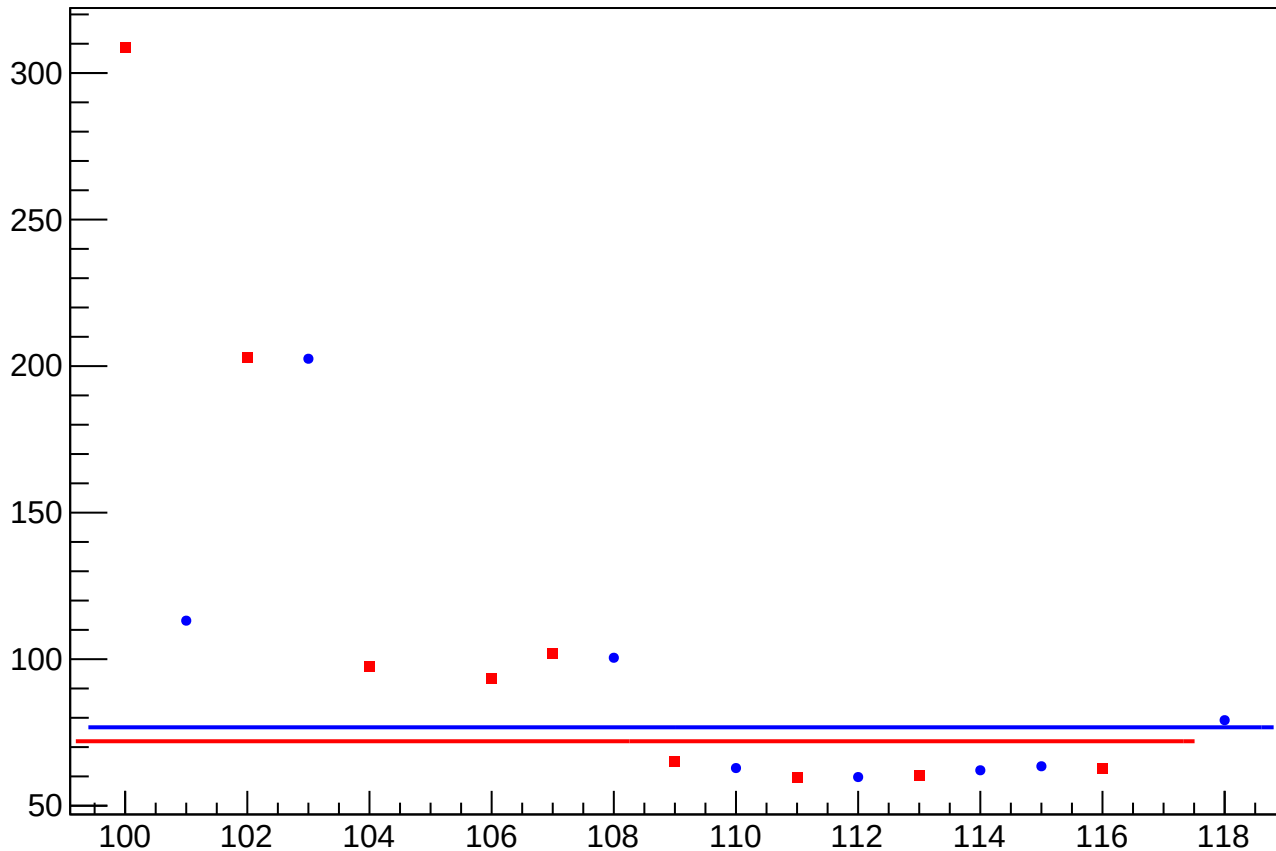
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.114+/-31.008 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



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: 71.996+/-0.030 χ^2/NDF : 820320.4/8

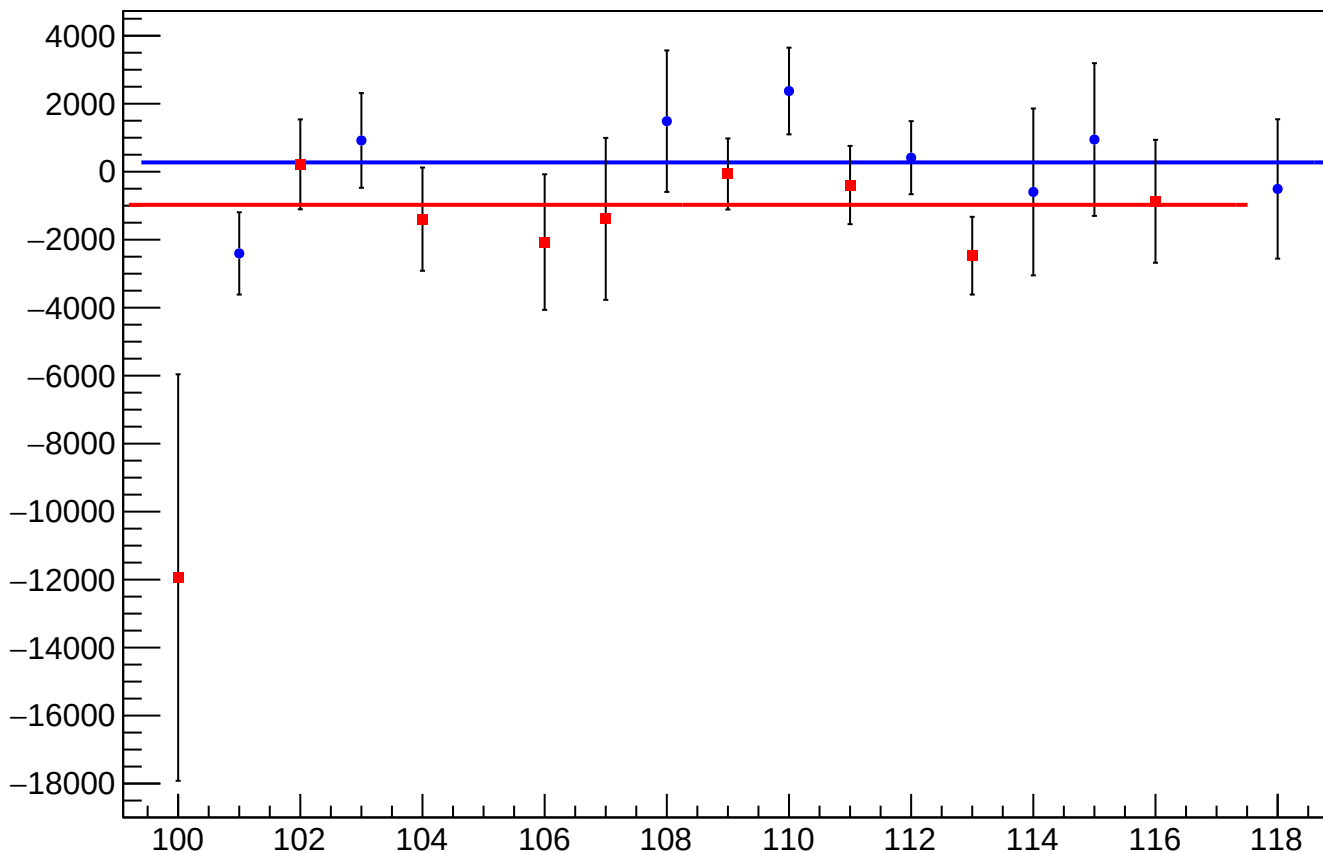
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.207+/-0.022 χ^2/NDF : 1578415.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: 273.556 $\pm$ 533.591 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -974.512 $\pm$ 487.926 χ^2 /NDF: 7.3/8

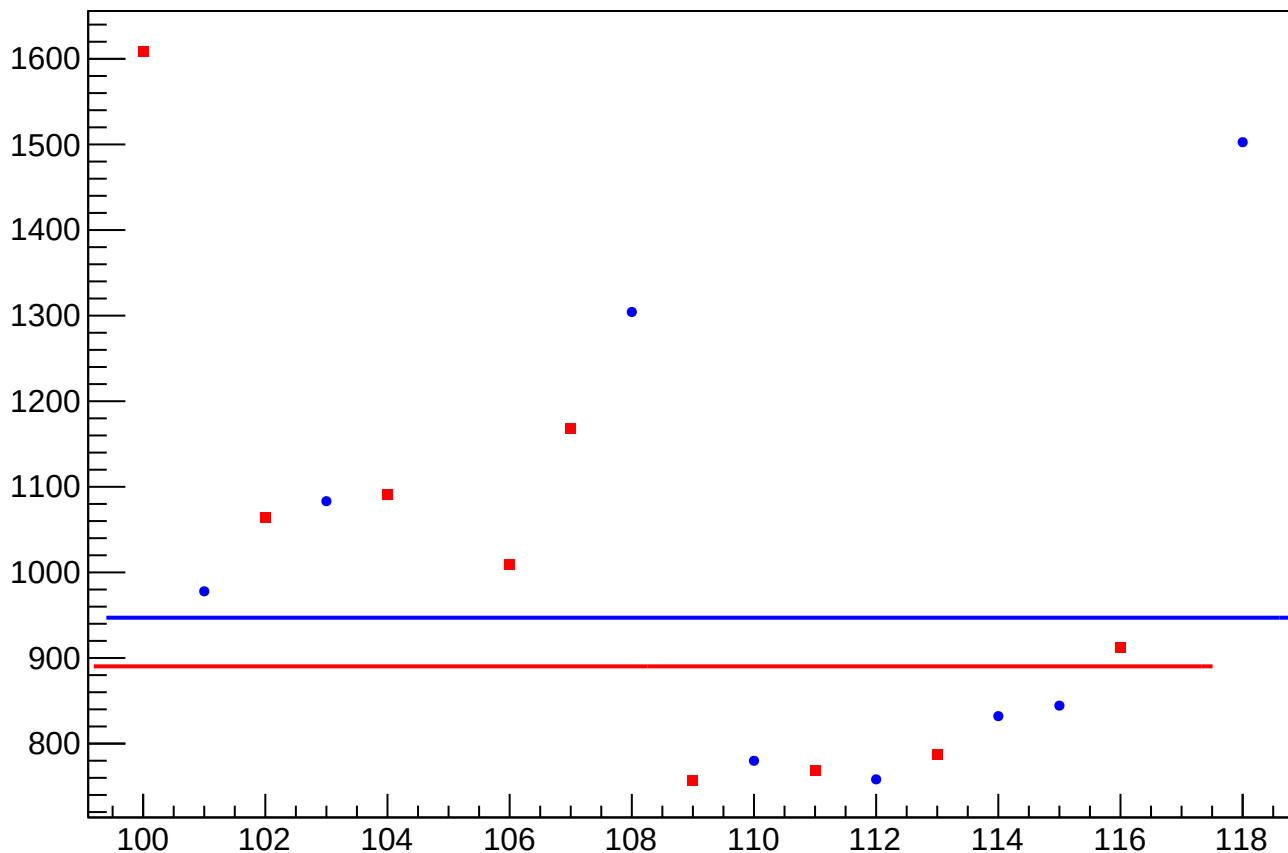
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -406.160 $\pm$ 360.079 χ^2 /NDF: 18.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



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: 890.257+/-0.345 χ^2/NDF : 204348.9/8

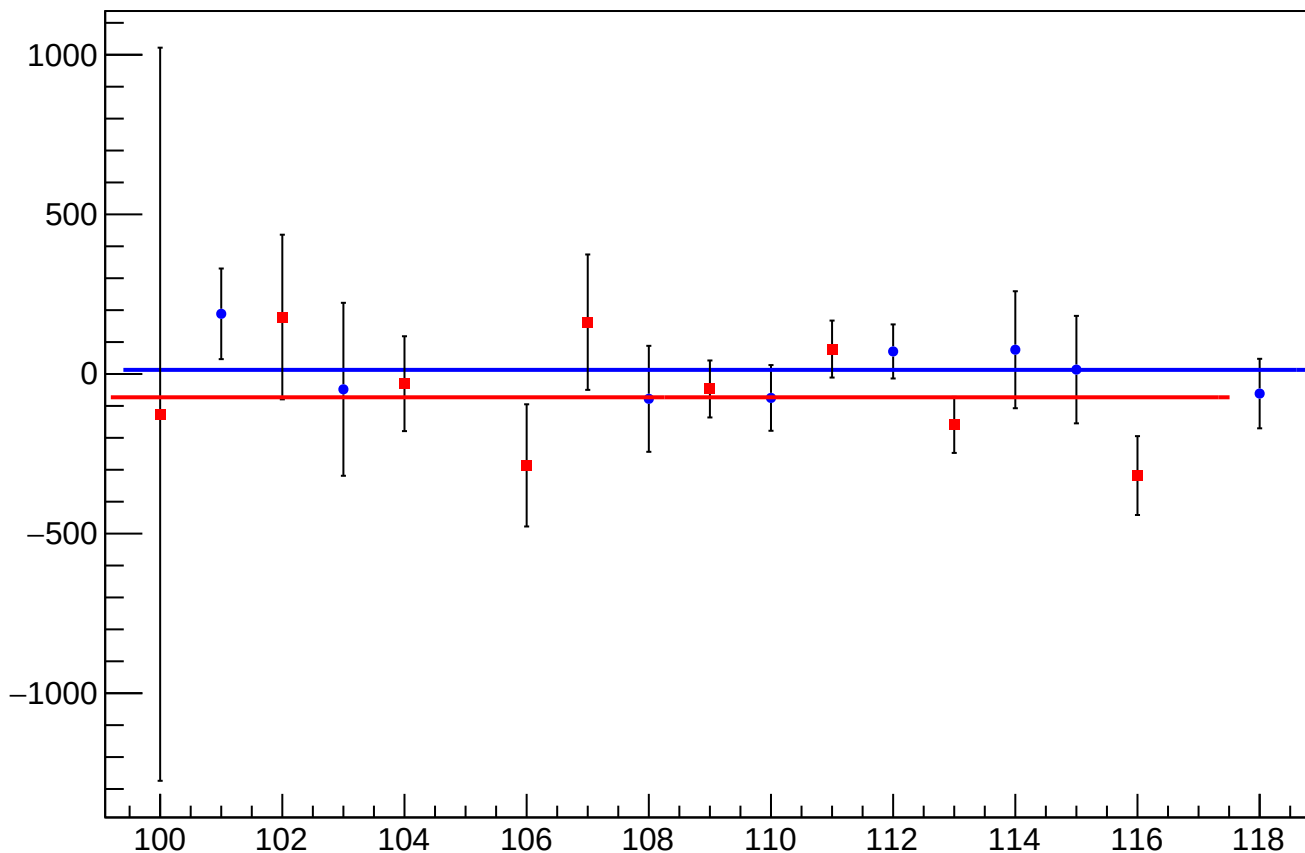
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.129+/-0.255 χ^2/NDF : 547584.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



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: -72.980+/-42.363 χ^2/NDF : 11.4/8

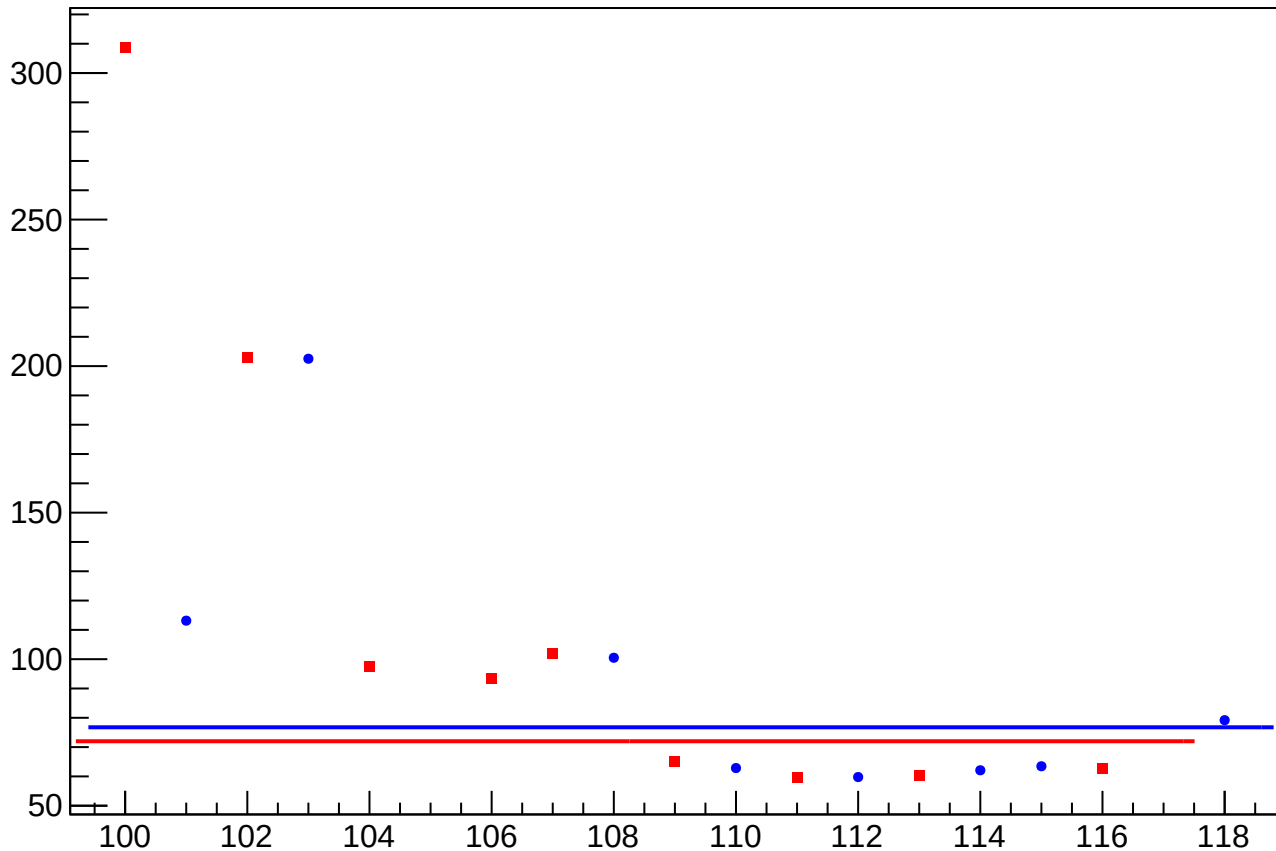
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.114+/-31.008 χ^2/NDF : 16.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



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: 71.996+/-0.030 χ^2/NDF : 820320.4/8

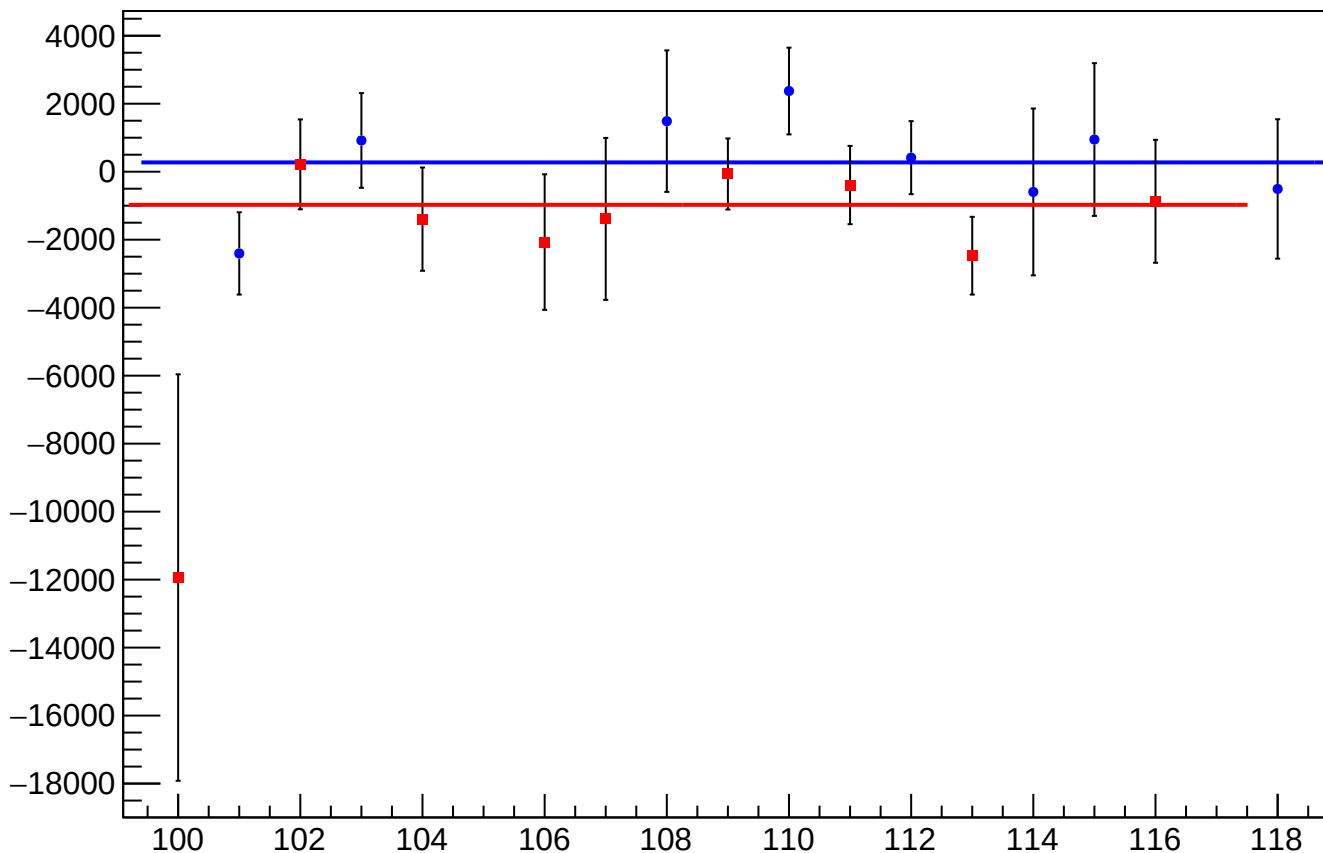
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.207+/-0.022 χ^2/NDF : 1578415.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: 273.556 $\pm$ 533.591 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -974.512 $\pm$ 487.926 χ^2 /NDF: 7.3/8

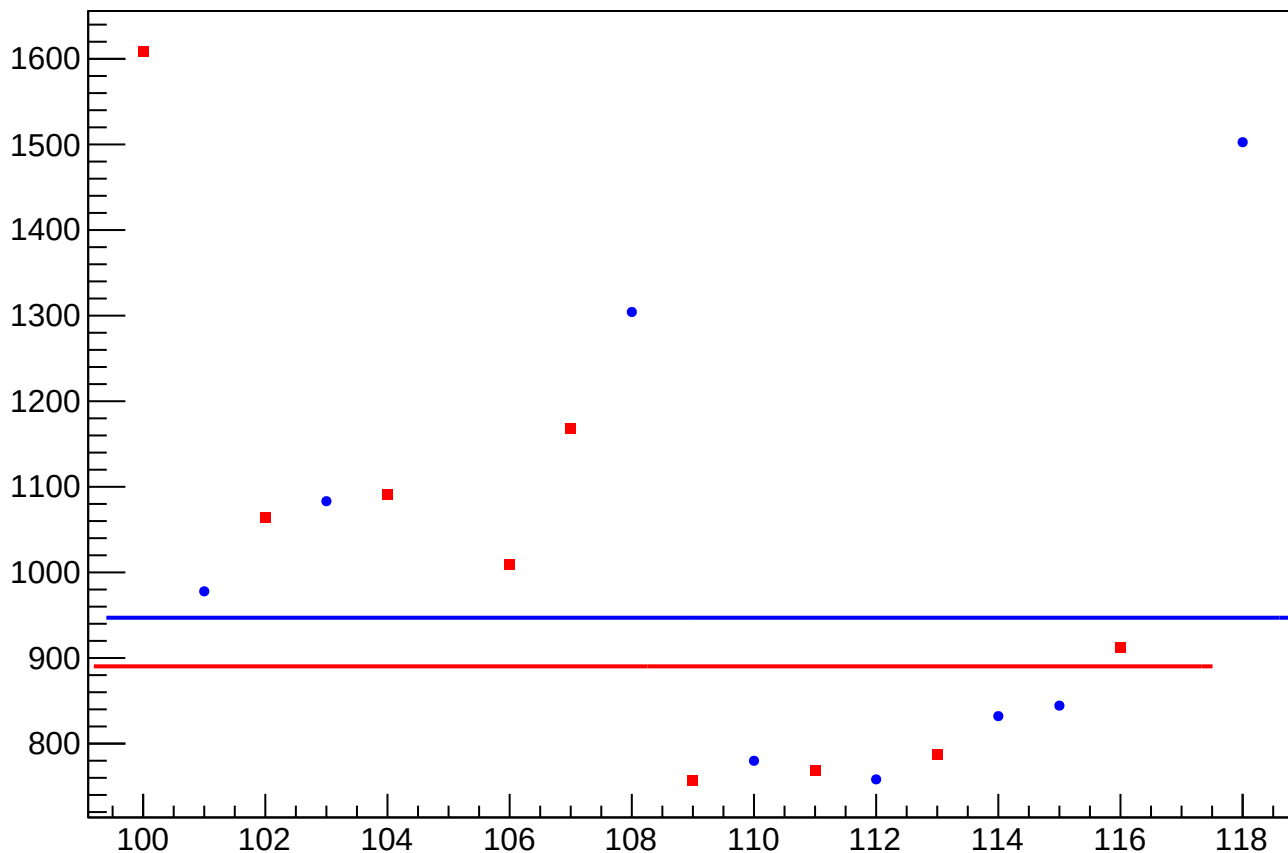
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -406.160 $\pm$ 360.079 χ^2 /NDF: 18.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



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: 890.257+/-0.345 χ^2/NDF : 204348.9/8

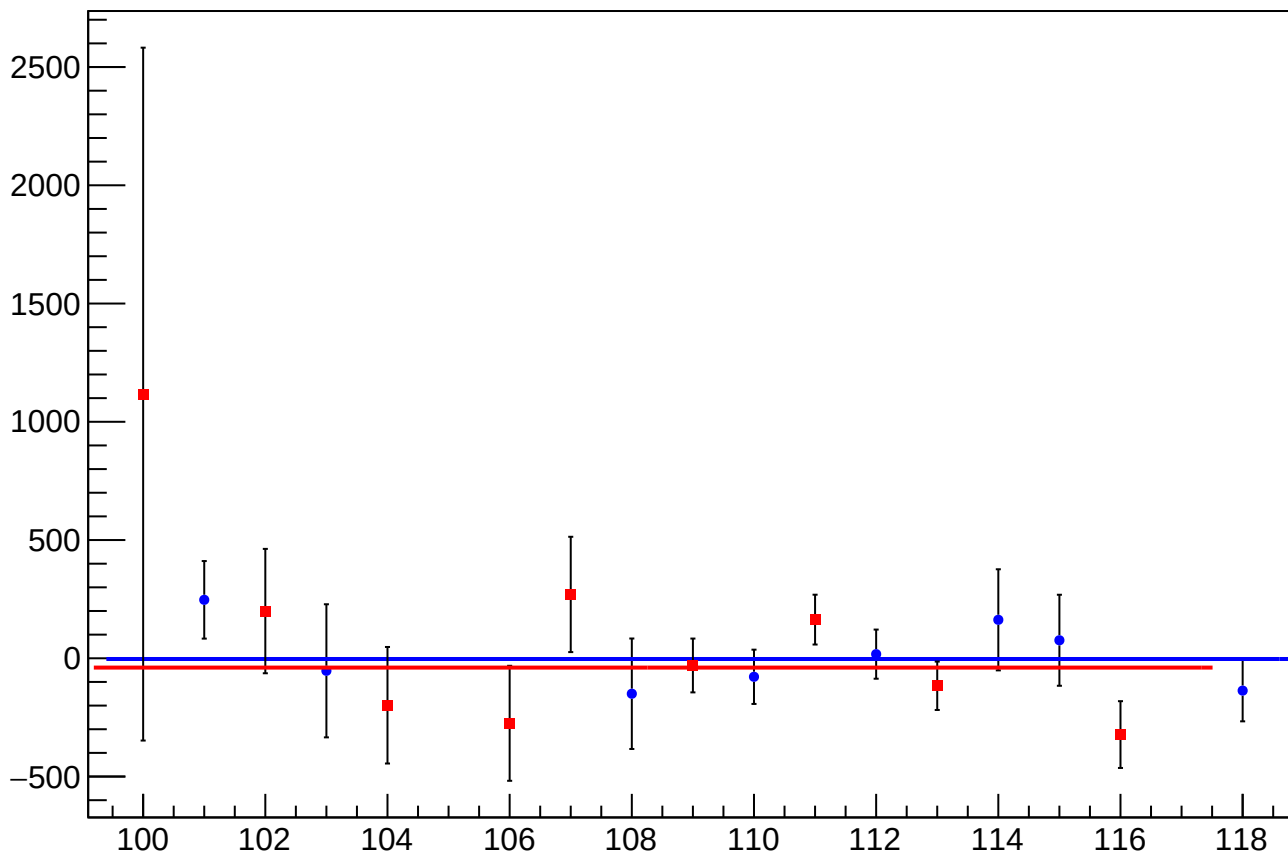
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 916.129+/-0.255 χ^2/NDF : 547584.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_mean vs Slug



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: -39.322+/-51.421 χ^2/NDF : 12.7/8

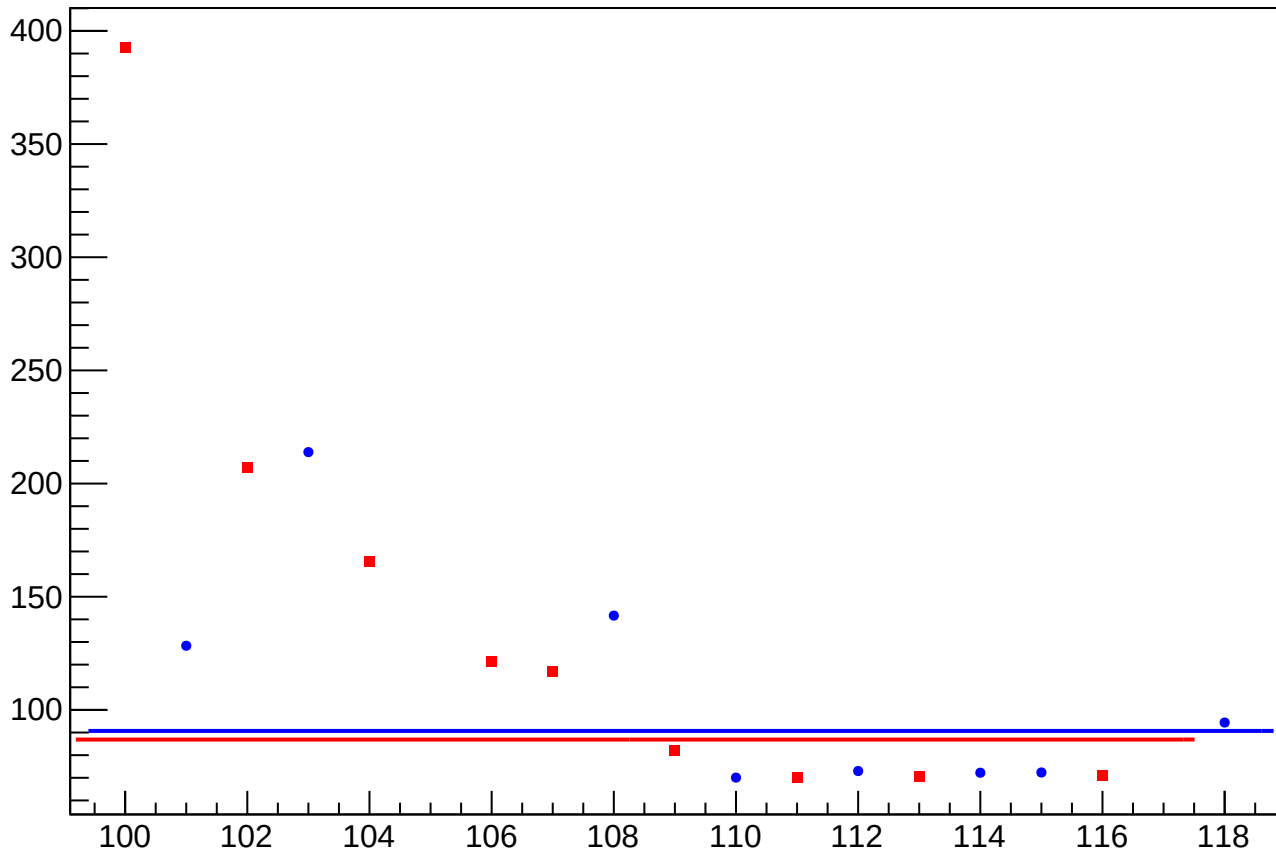
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.995+/-37.189 χ^2/NDF : 18.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



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: 86.903+/-0.036 χ^2/NDF : 911310.6/8

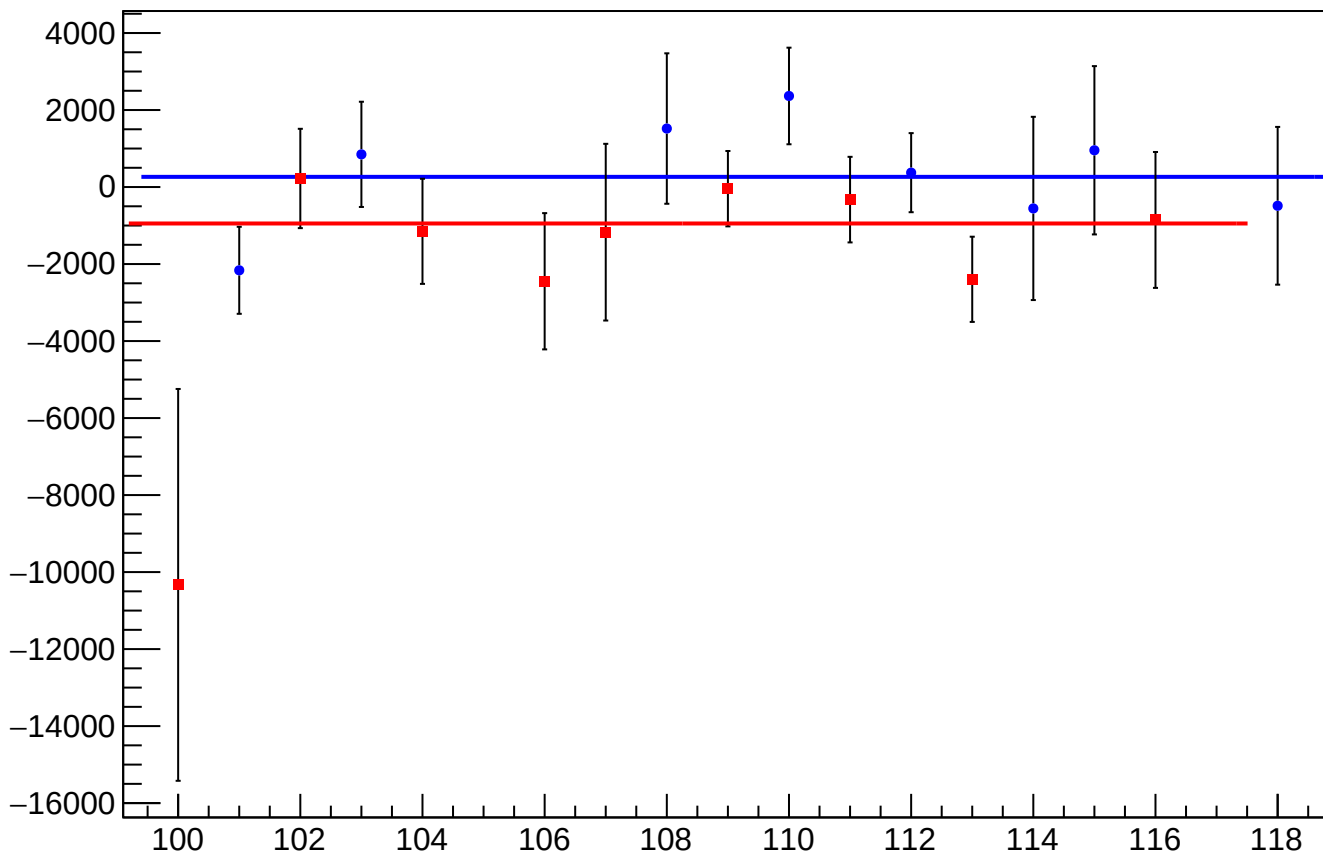
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.718+/-0.026 χ^2/NDF : 1657982.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



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: -946.653+/-462.377 χ^2/NDF : 7.9/8

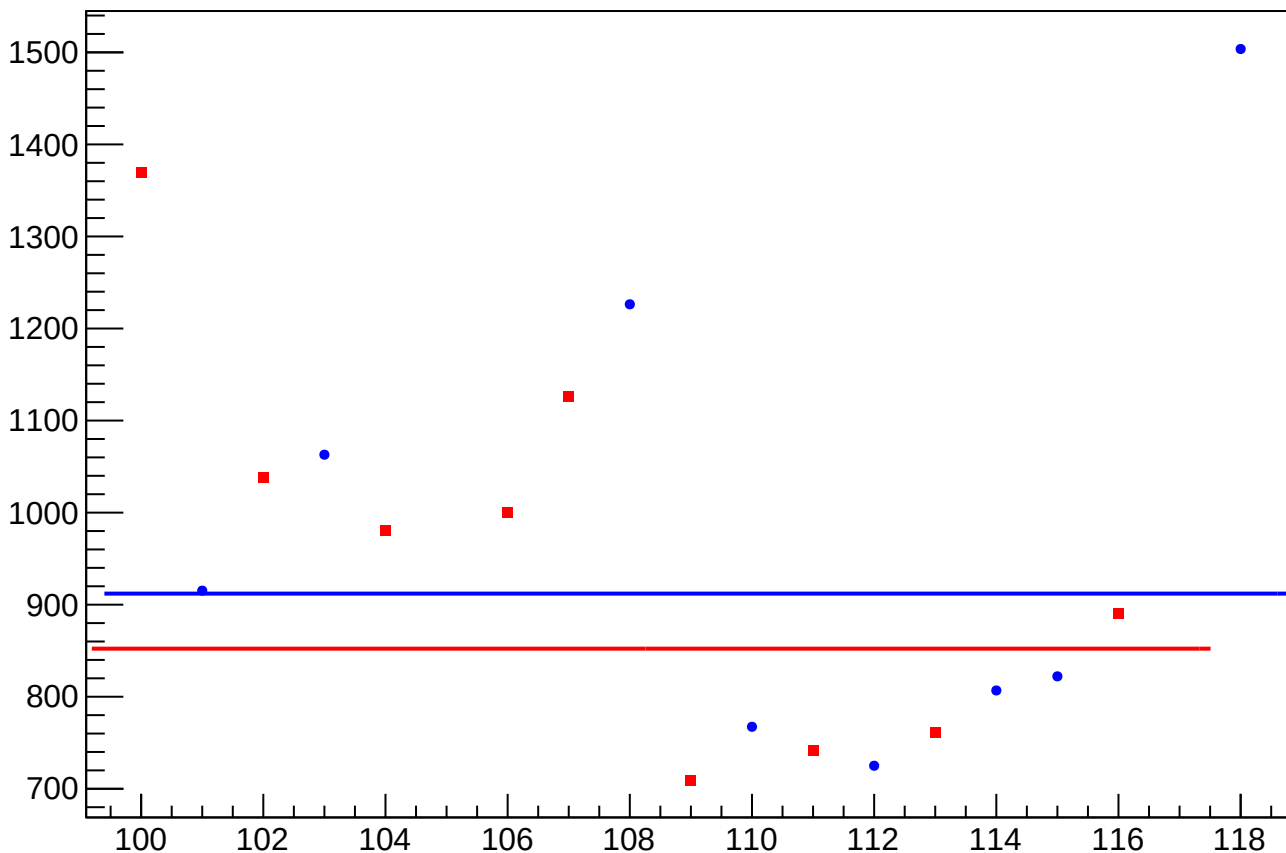
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -404.672+/-343.685 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



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: 852.239+/-0.327 χ^2/NDF : 199214.9/8

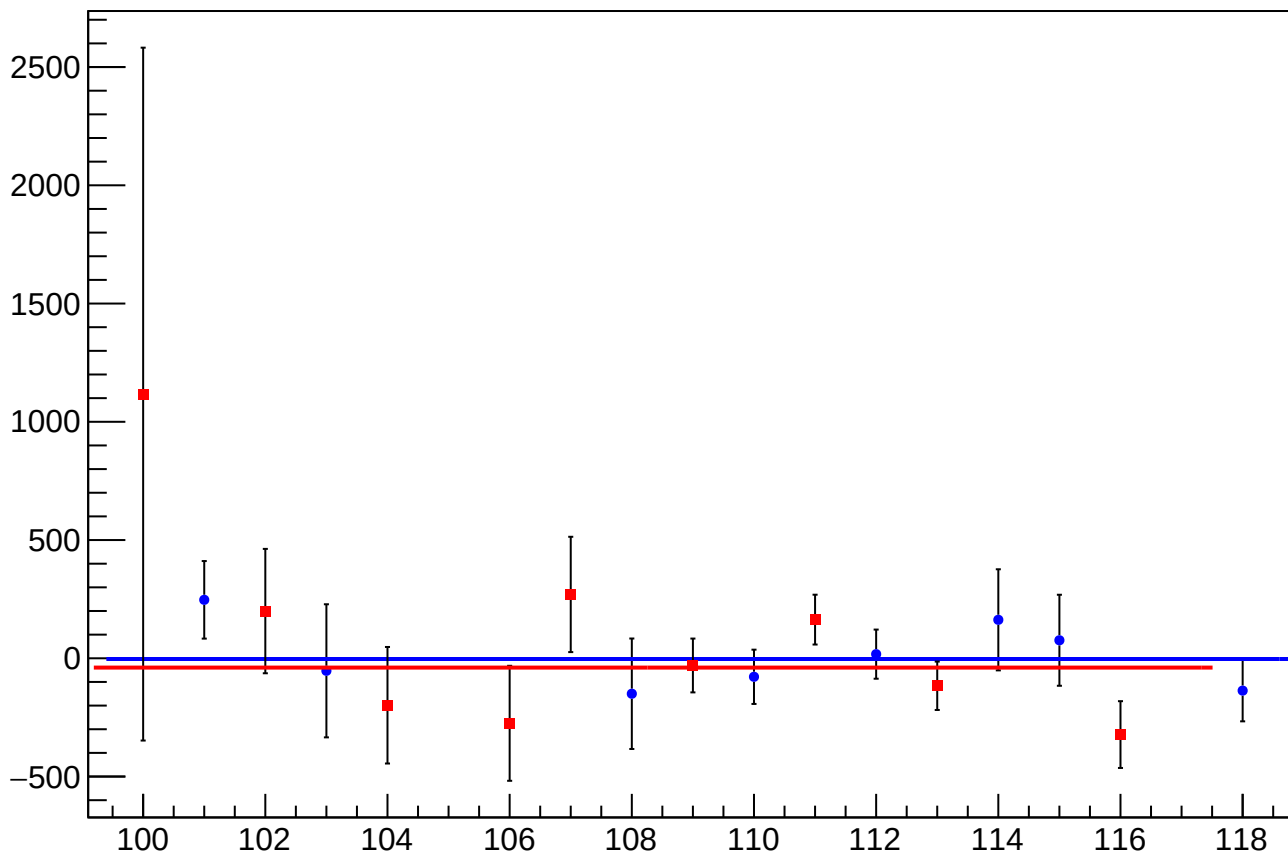
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.996+/-0.243 χ^2/NDF : 557343.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



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: -39.320+/-51.422 χ^2/NDF : 12.7/8

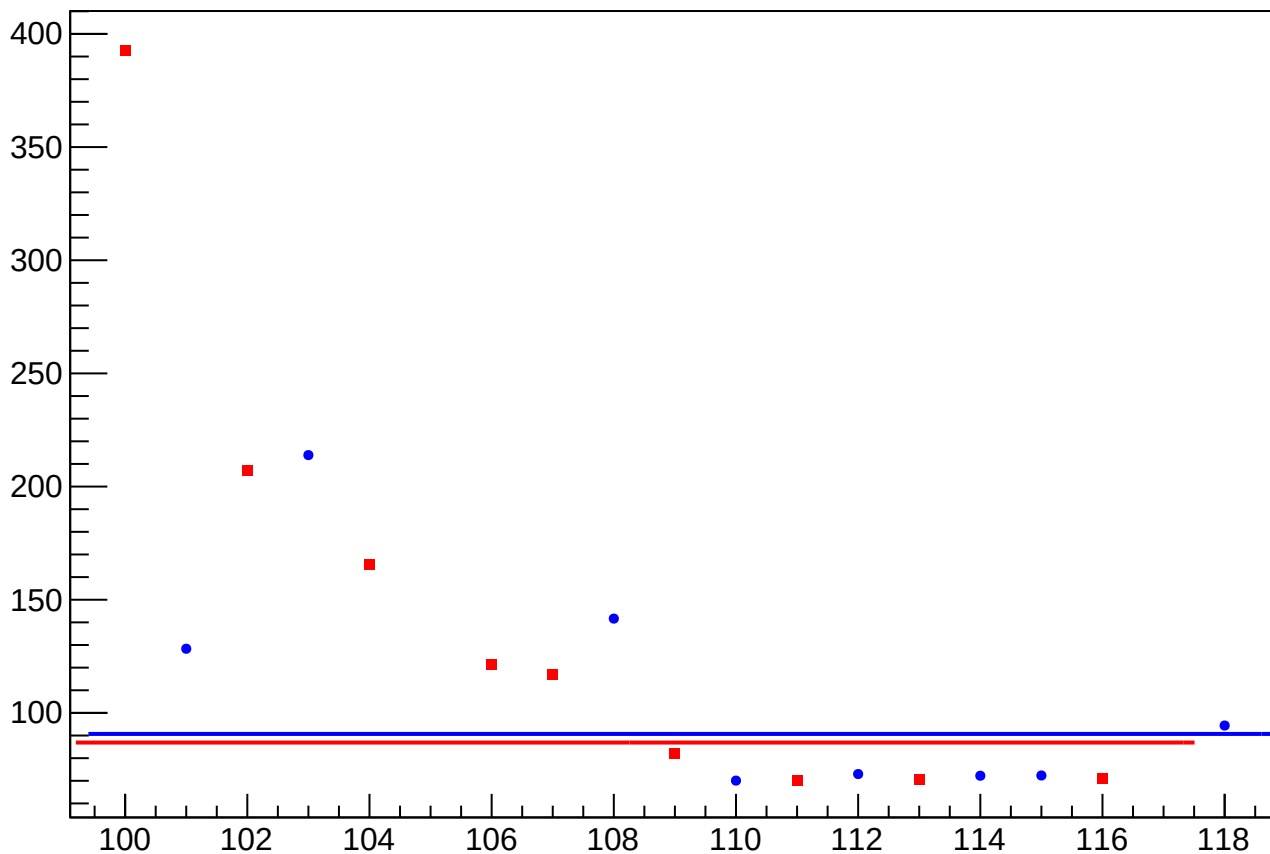
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.995+/-37.189 χ^2/NDF : 18.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



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: 86.904 $\pm$ 0.036 χ^2 /NDF: 911306.1/8

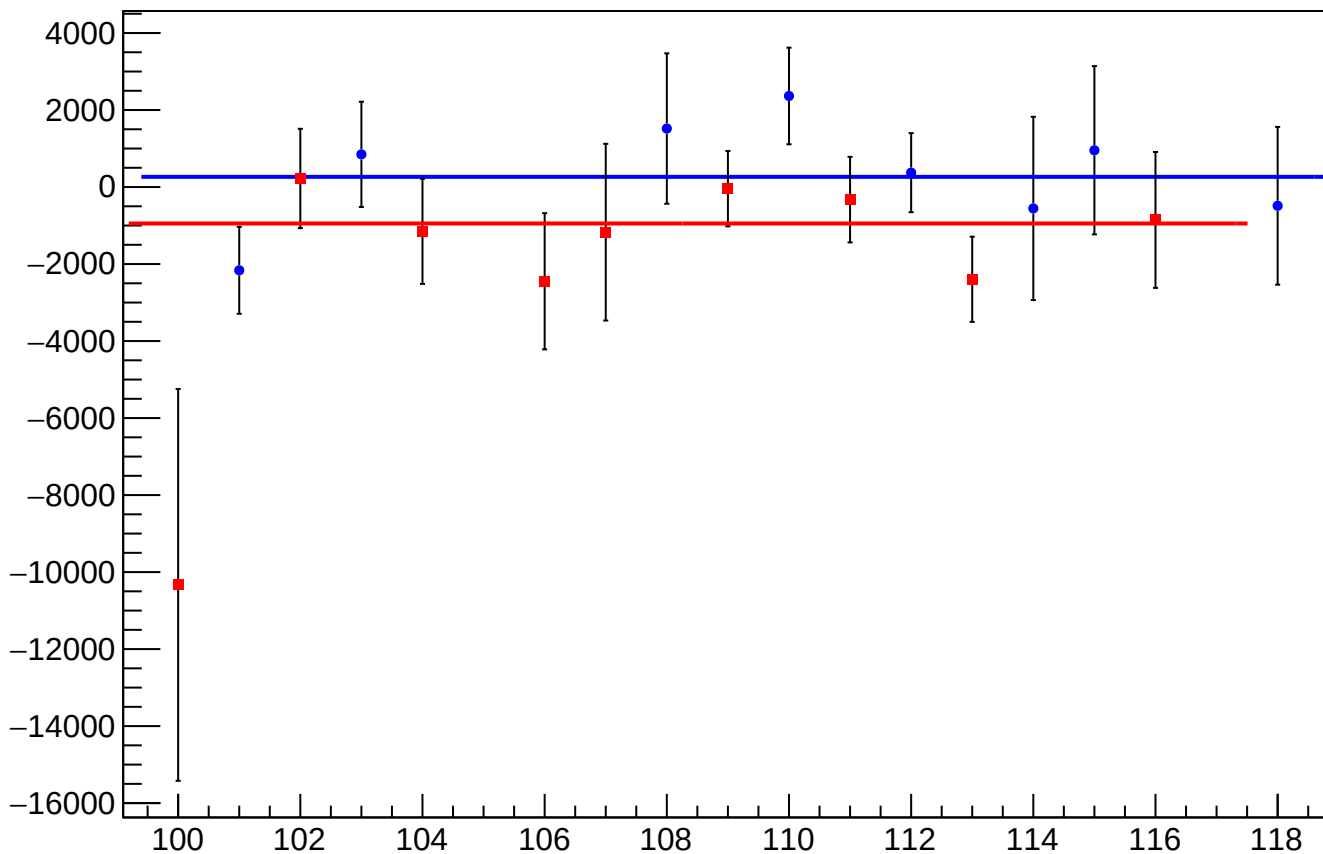
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.719 $\pm$ 0.026 χ^2 /NDF: 1657969.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: 264.468 $\pm$ 513.761 χ^2 /NDF: 8.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -946.651 $\pm$ 462.376 χ^2 /NDF: 7.9/8

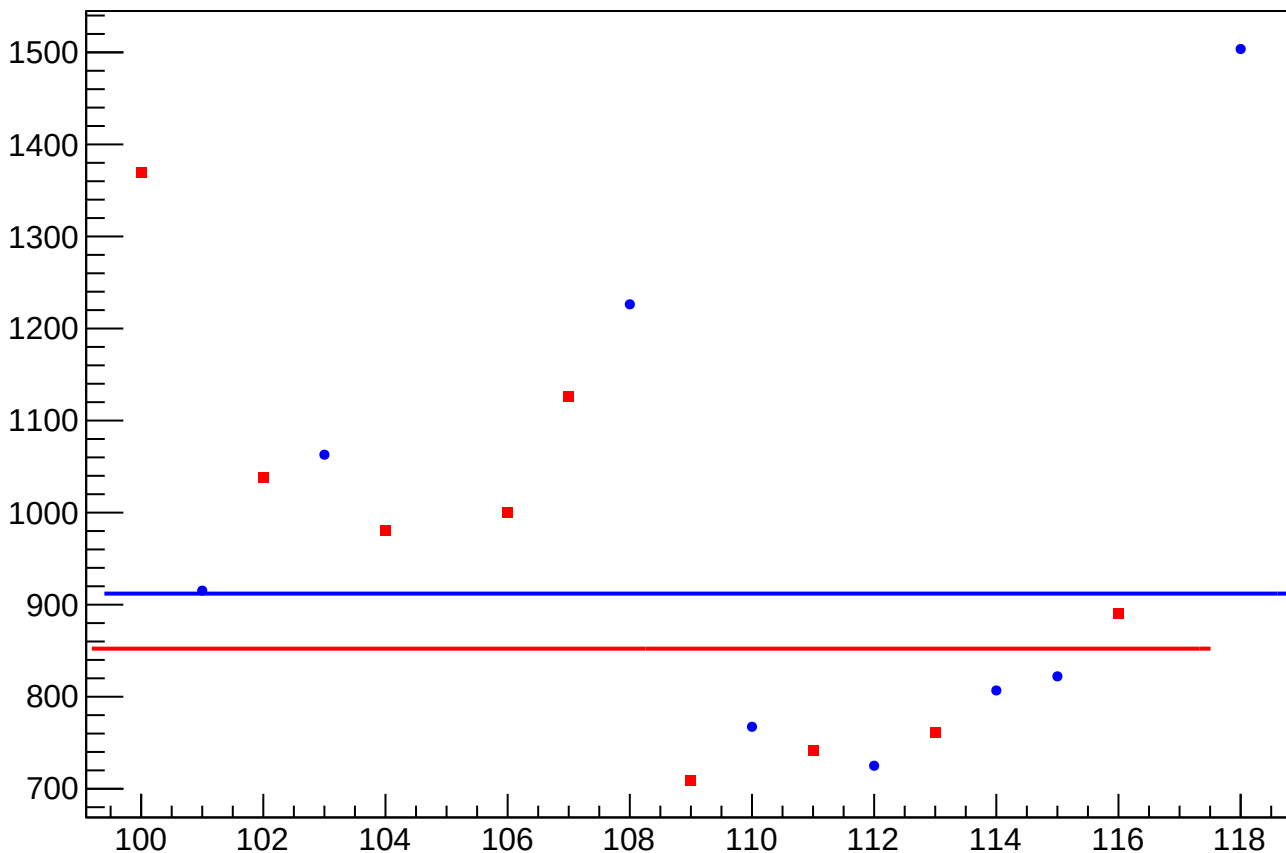
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -404.671 $\pm$ 343.684 χ^2 /NDF: 19.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



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: 852.237+/-0.327 χ^2/NDF : 199213.8/8

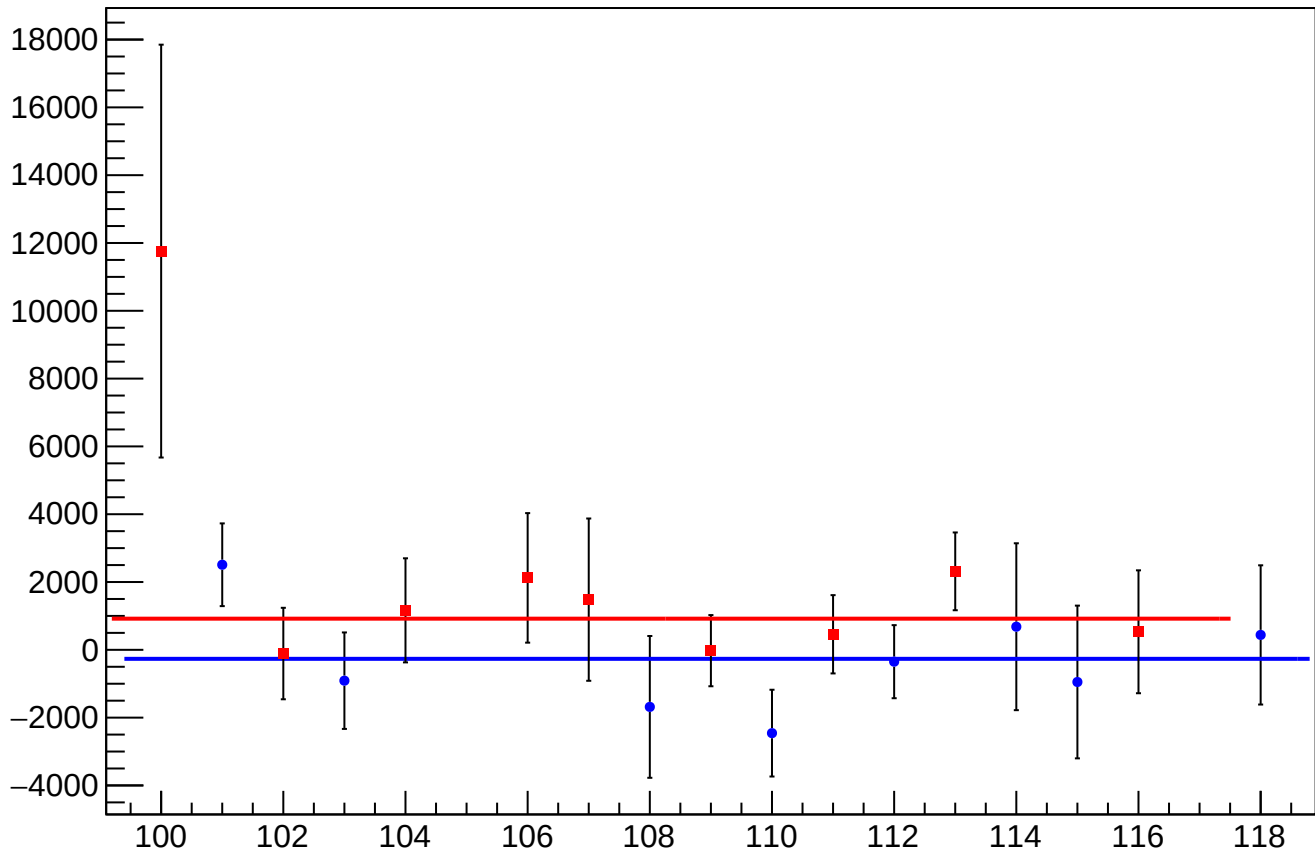
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.994+/-0.243 χ^2/NDF : 557343.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



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: 919.019+/-489.625 χ^2/NDF : 6.7/8

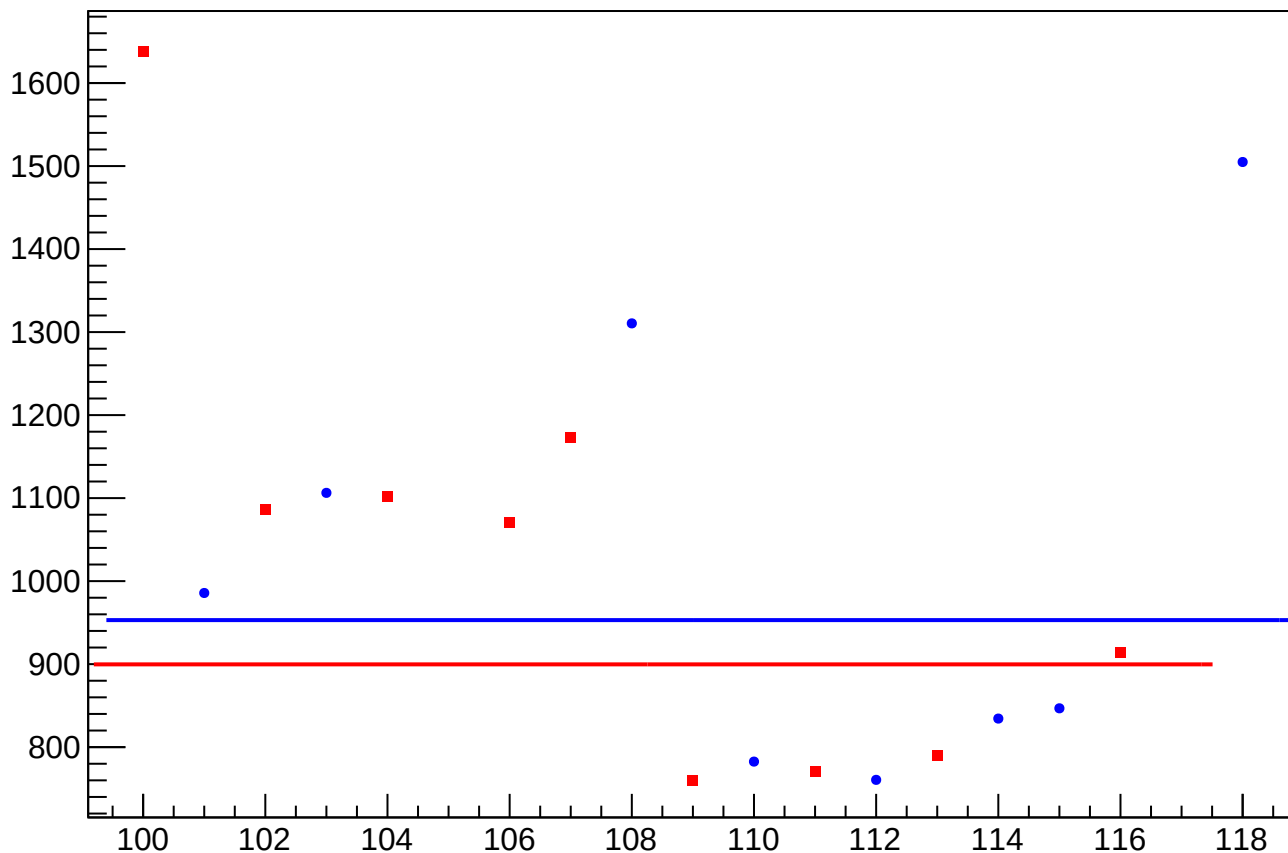
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.423+/-361.862 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



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: 899.719+/-0.346 χ^2/NDF : 223495.7/8

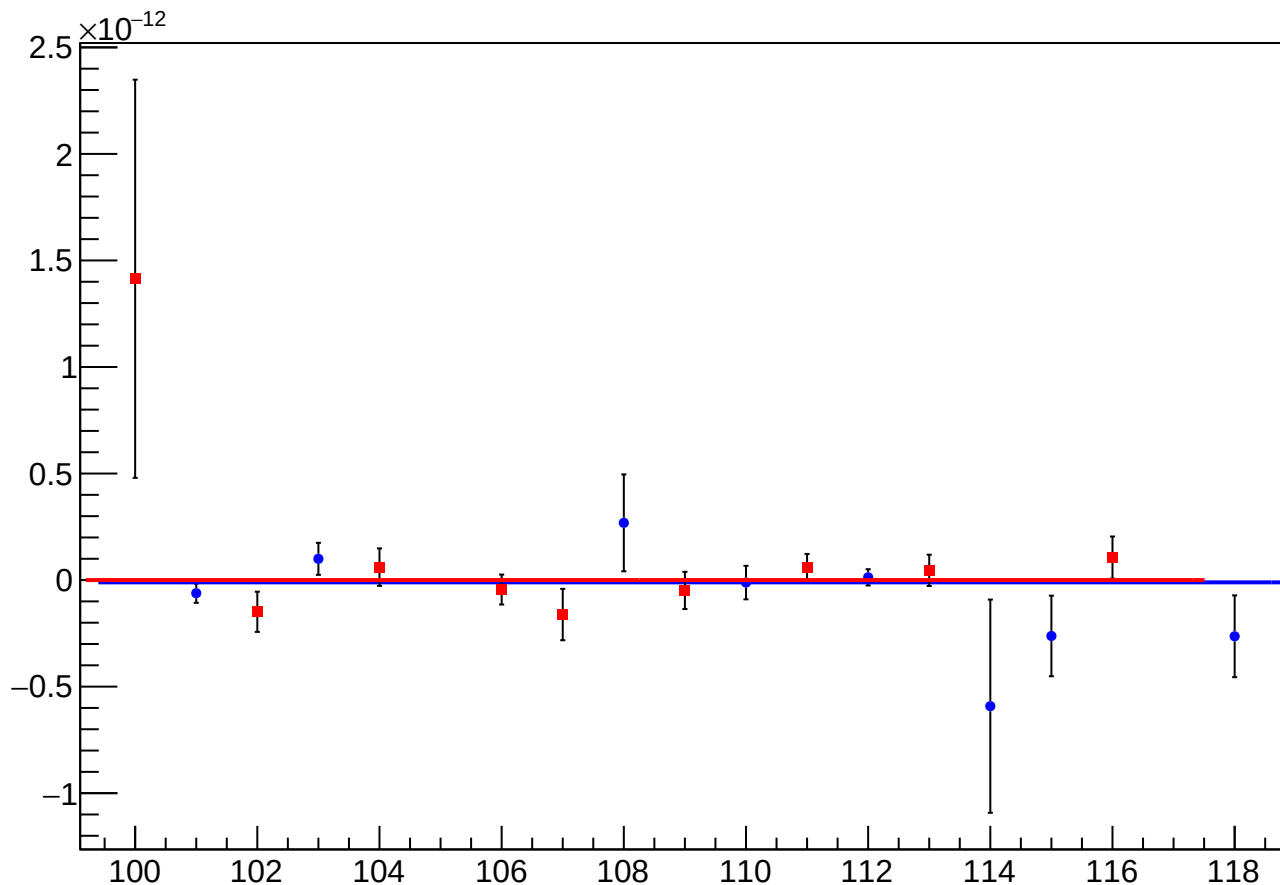
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.915+/-0.256 χ^2/NDF : 570161.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/8

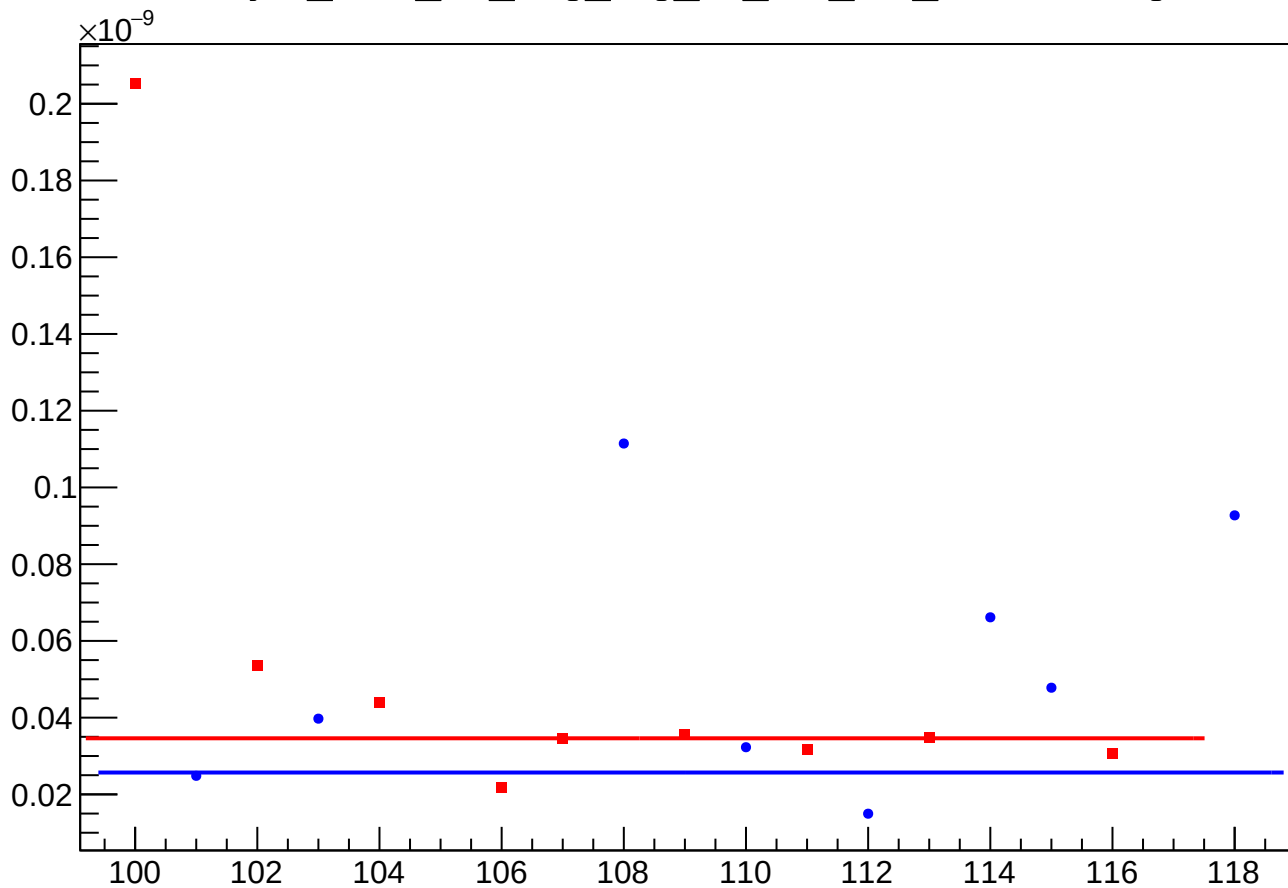
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug



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 : 244728.5/8

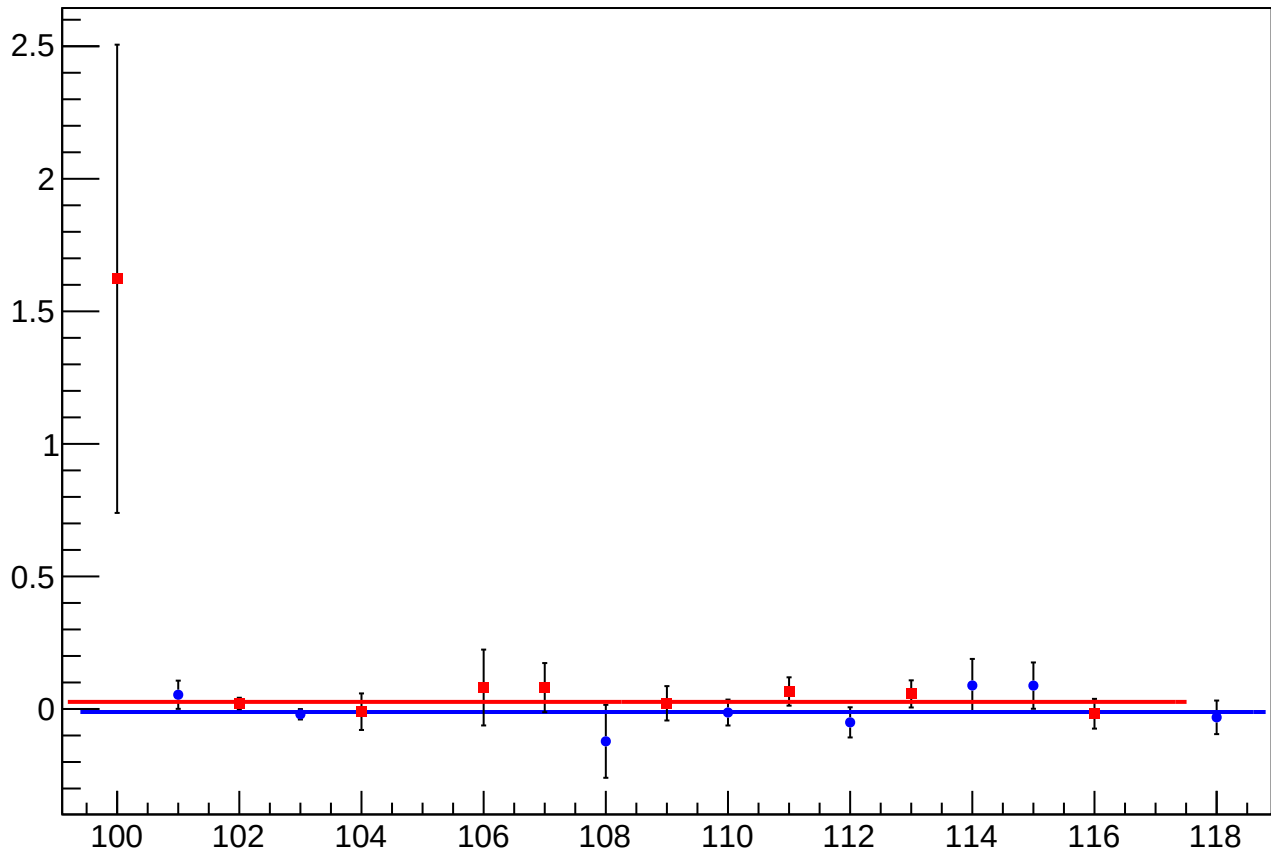
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1165129.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



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: 0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

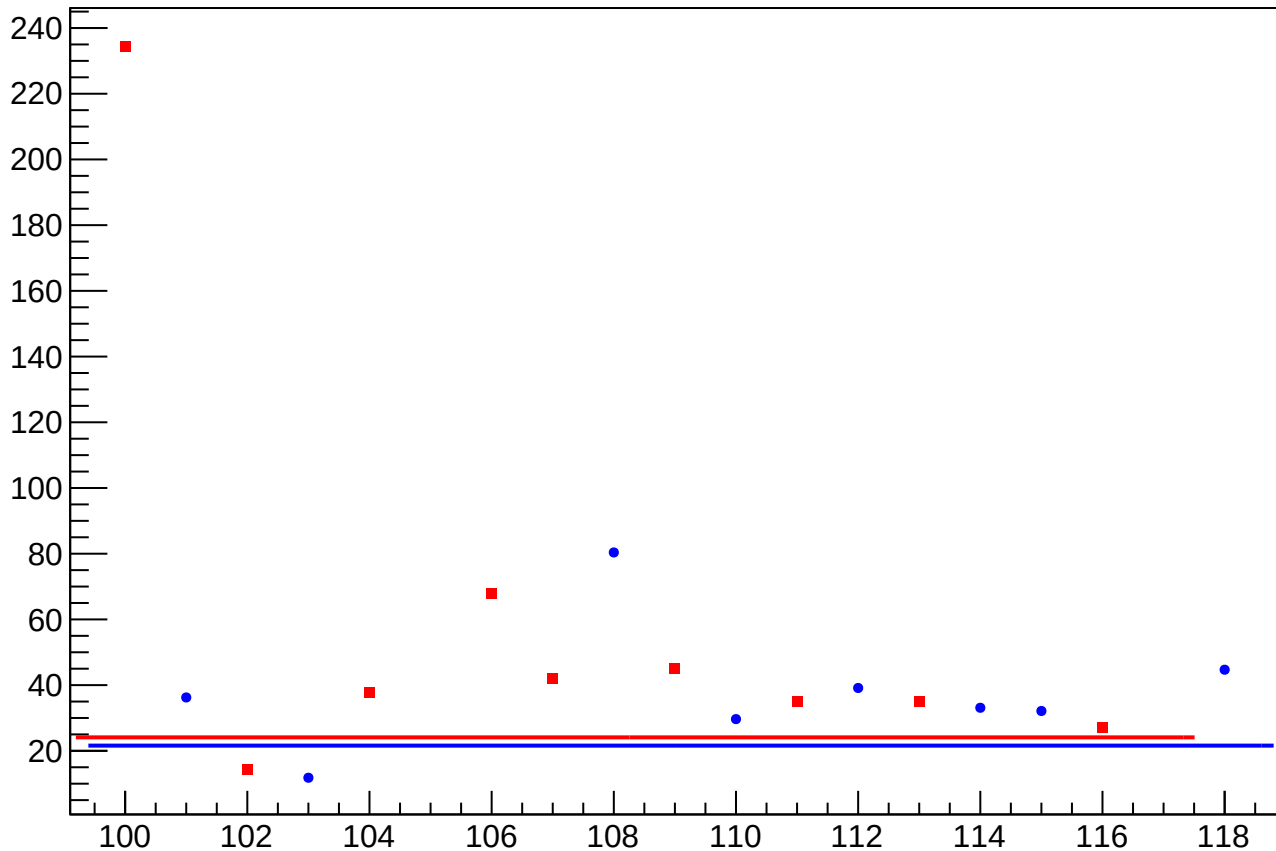
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.011 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 21.588 $\pm$ 0.011 χ^2 /NDF: 1579354.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.100 $\pm$ 0.011 χ^2 /NDF: 1260205.1/8

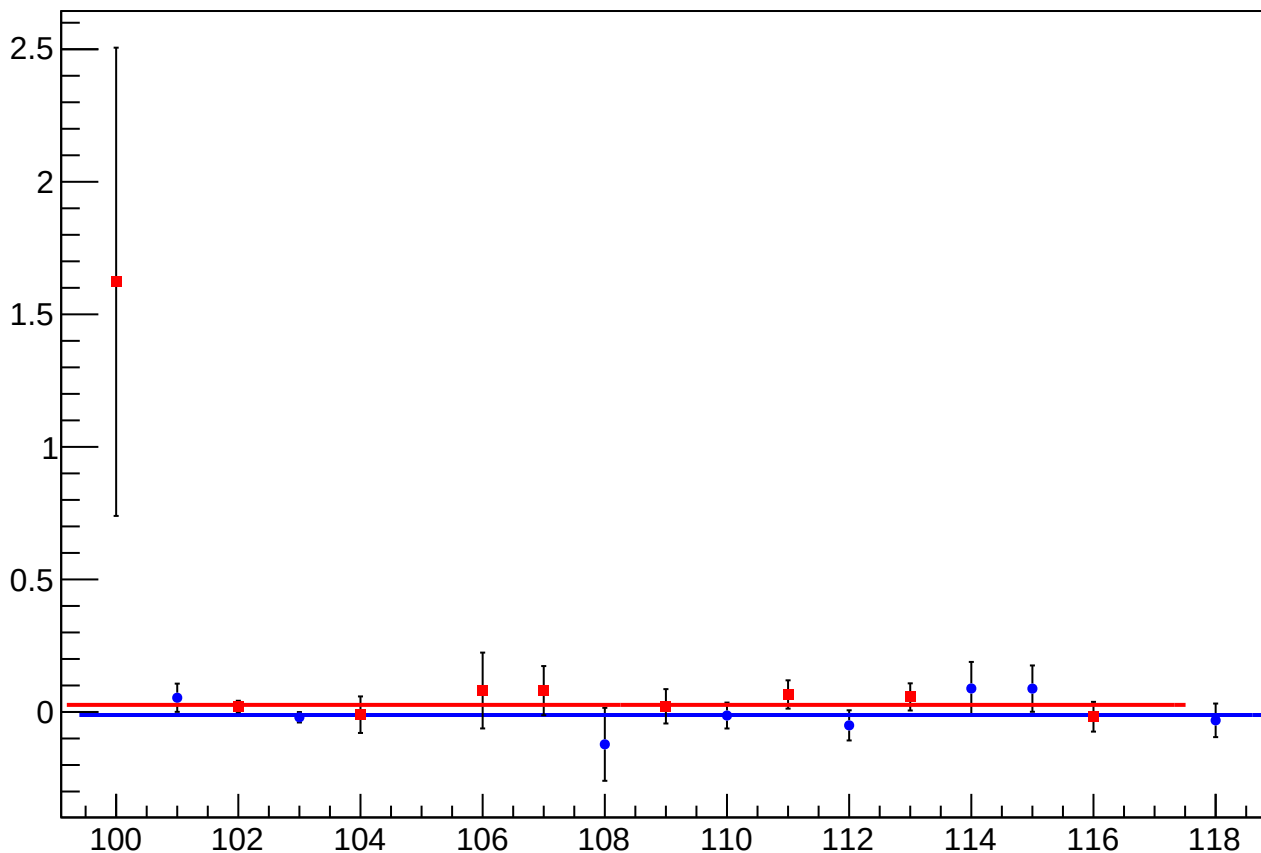
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.784 $\pm$ 0.008 χ^2 /NDF: 2864829.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

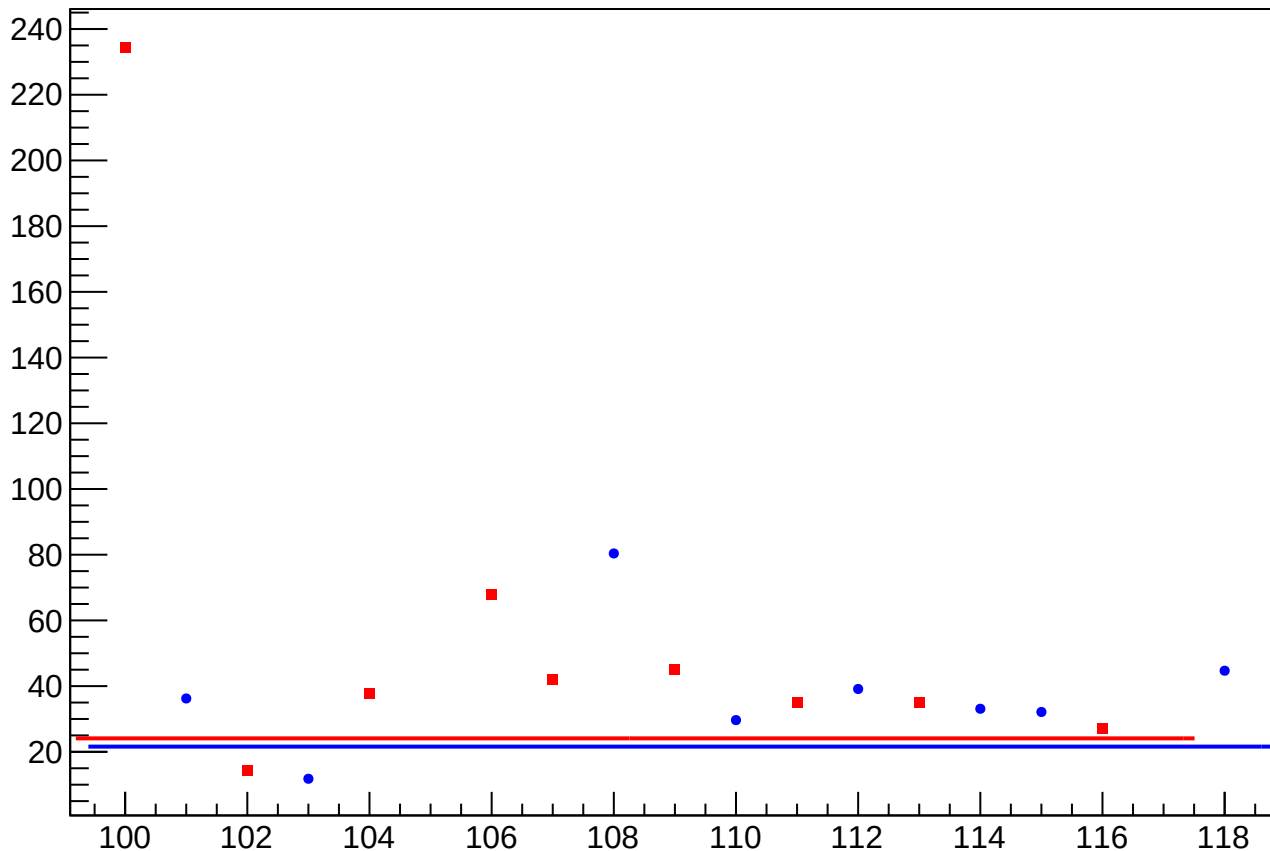
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.011 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.588 $\pm$ 0.011 χ^2 /NDF: 1579354.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.100 $\pm$ 0.011 χ^2 /NDF: 1260205.1/8

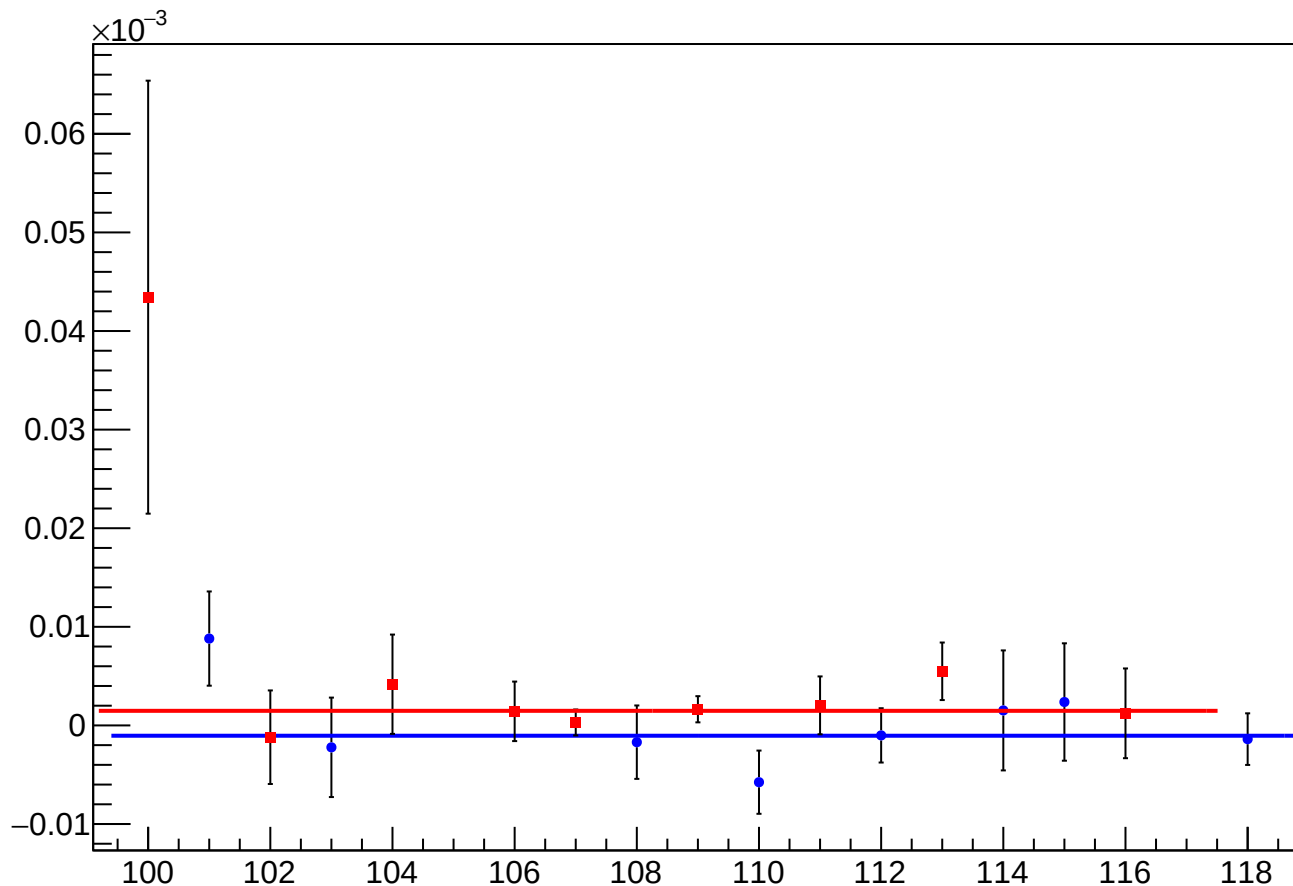
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.784 $\pm$ 0.008 χ^2 /NDF: 2864829.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/8

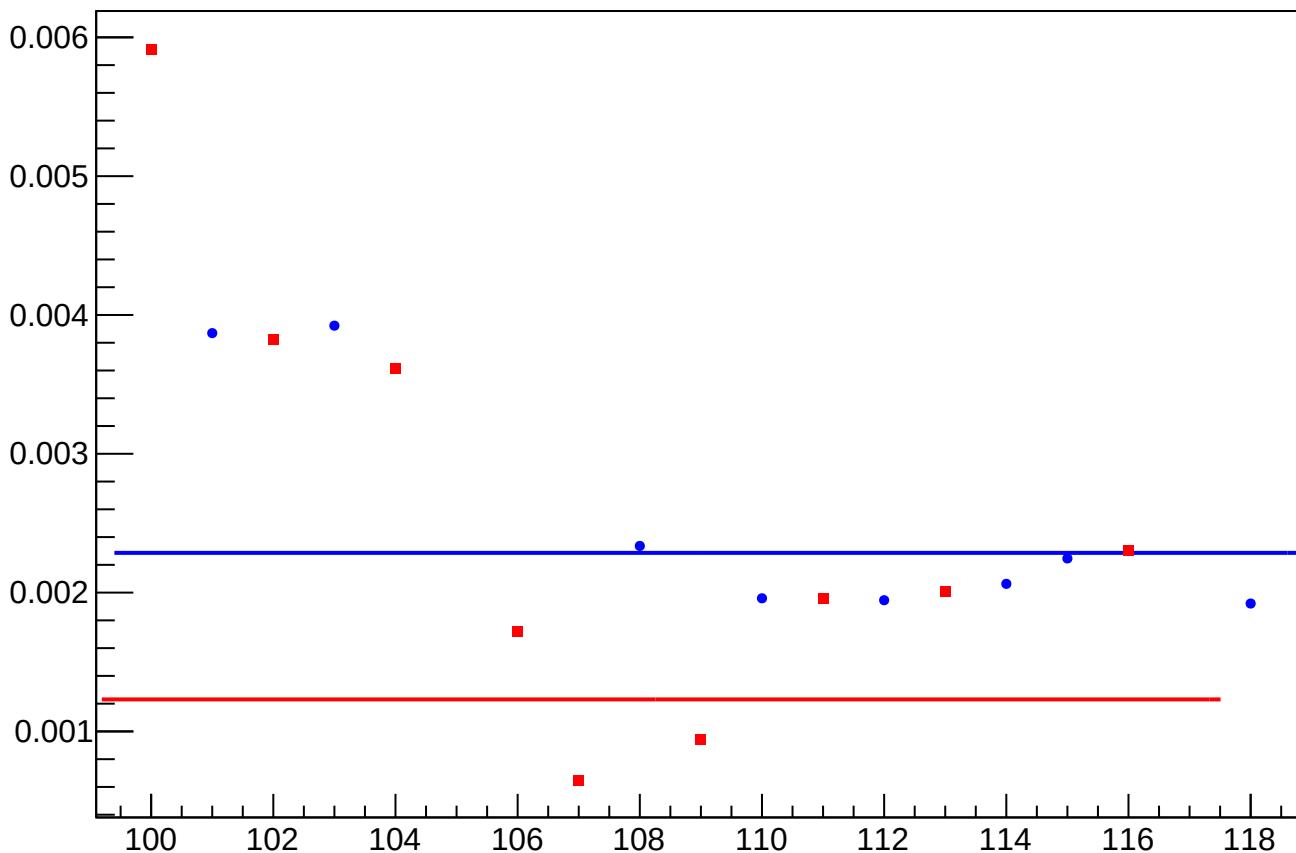
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2055539.1/8

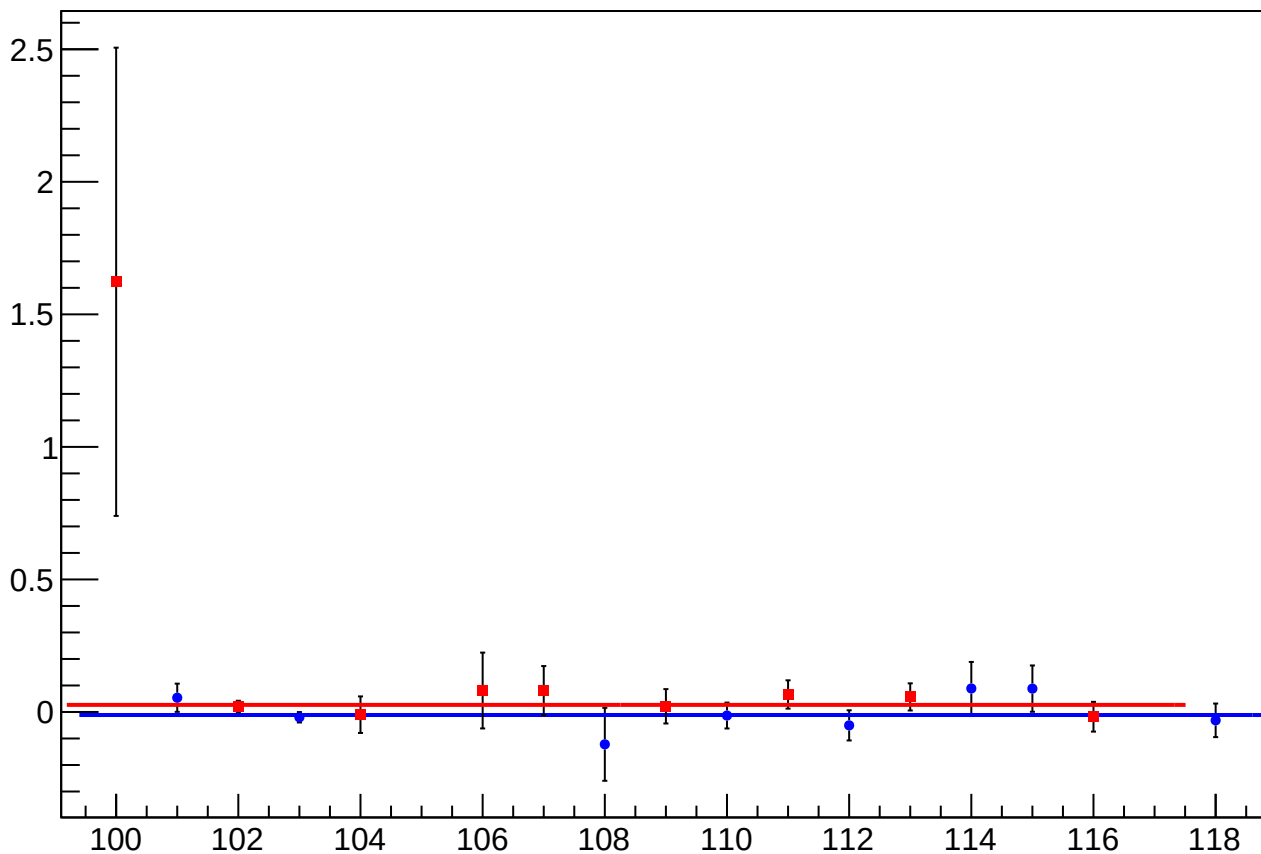
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3538644.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

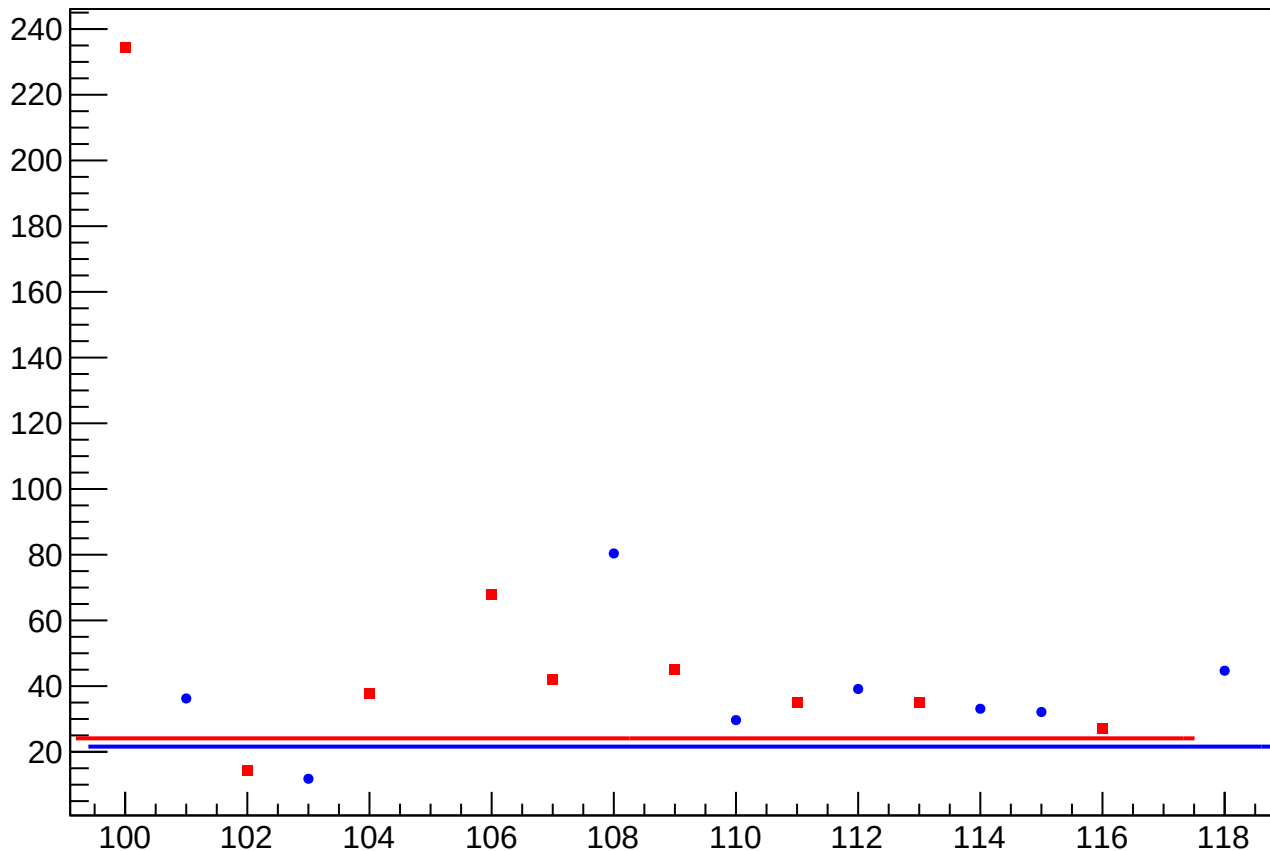
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.011 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.587 $\pm$ 0.011 χ^2 /NDF: 1579571.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.104 $\pm$ 0.011 χ^2 /NDF: 1259895.1/8

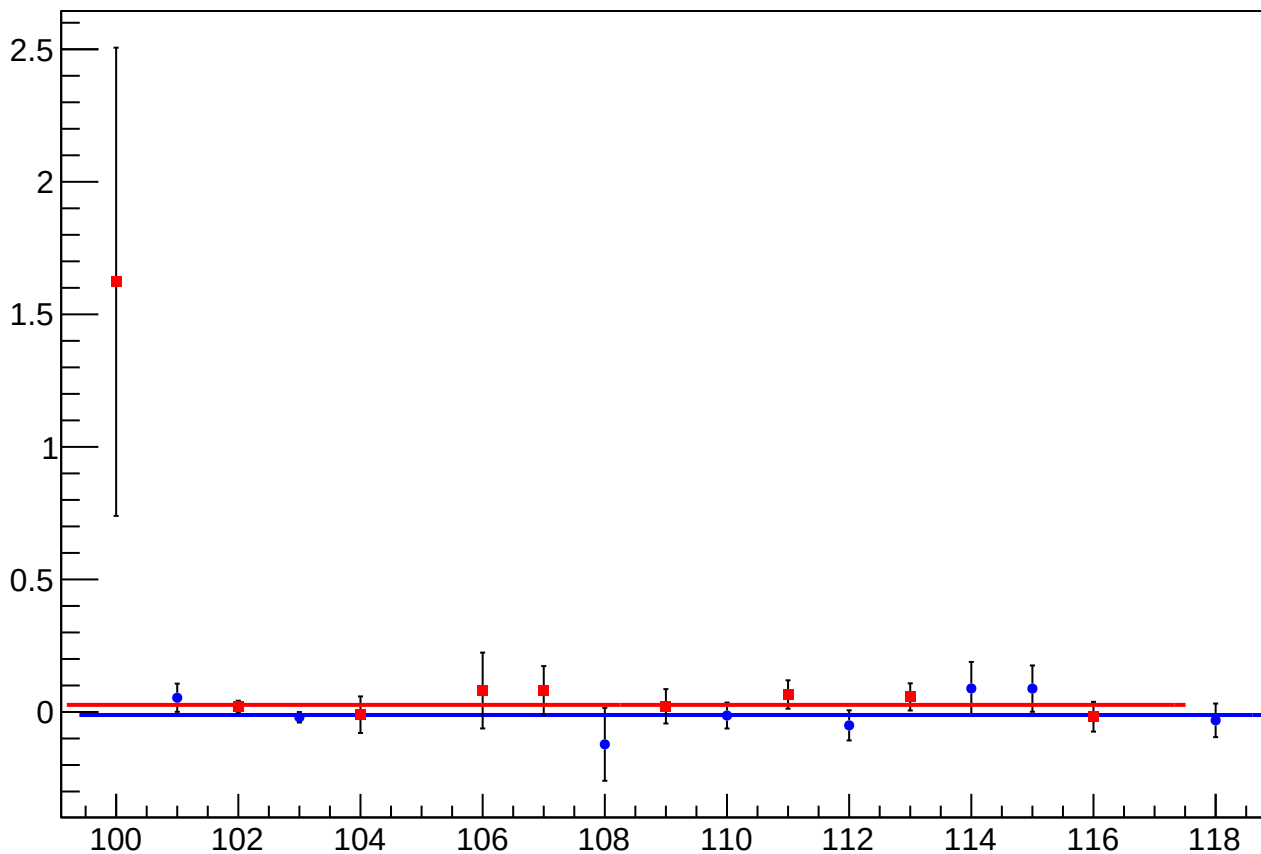
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.785 $\pm$ 0.008 χ^2 /NDF: 2864825.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.027 $\pm$ 0.016 χ^2 /NDF: 5.6/8

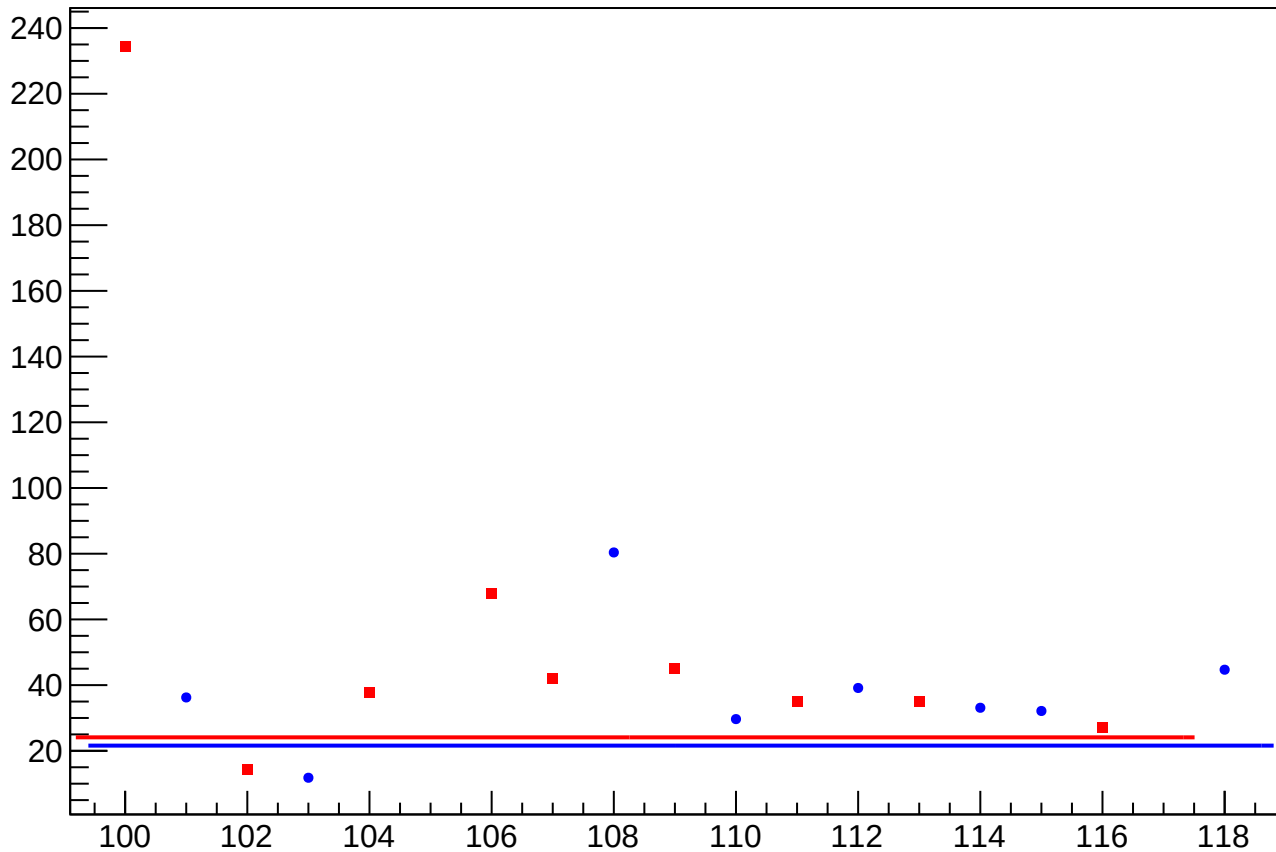
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.011 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.587 $\pm$ 0.011 χ^2 /NDF: 1579571.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.104 $\pm$ 0.011 χ^2 /NDF: 1259895.1/8

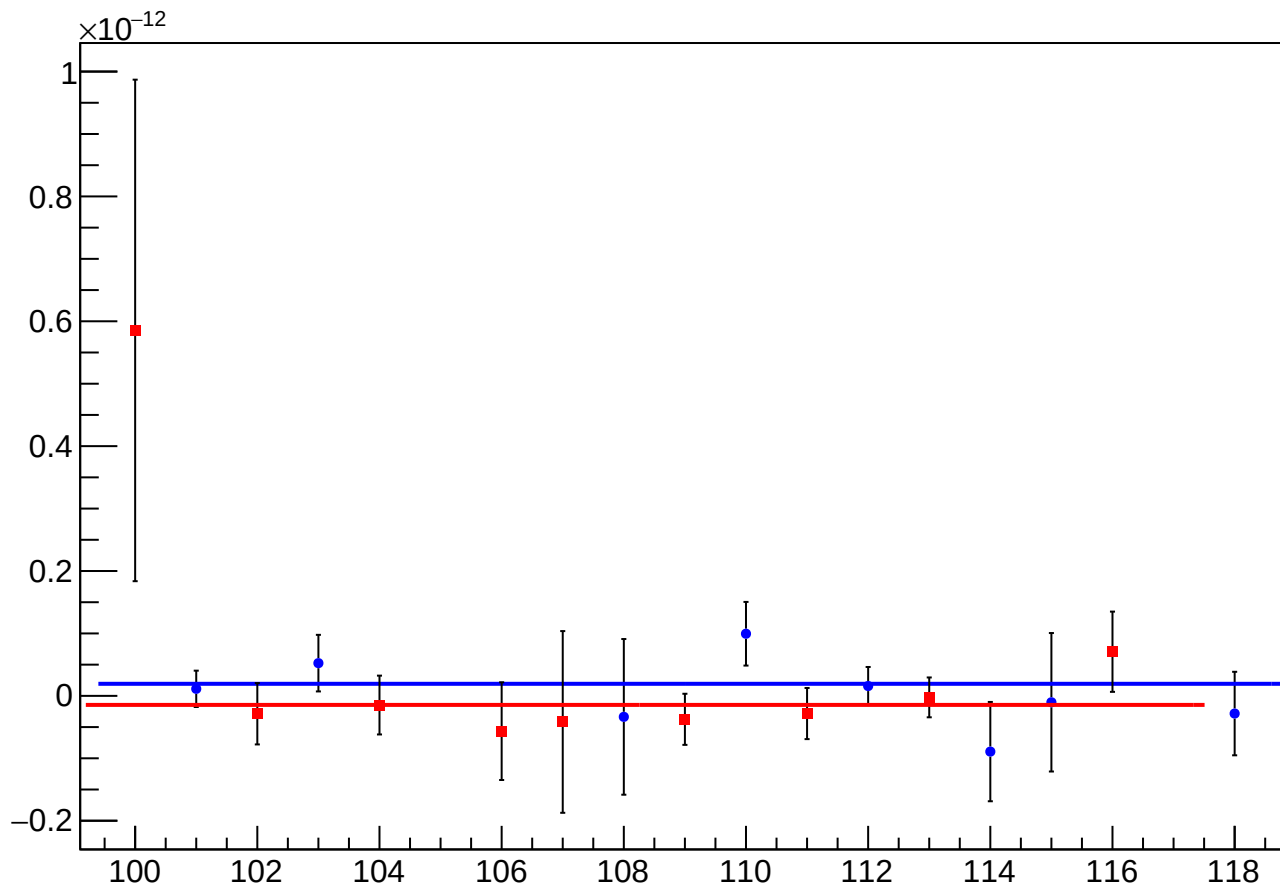
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.785 $\pm$ 0.008 χ^2 /NDF: 2864825.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/8

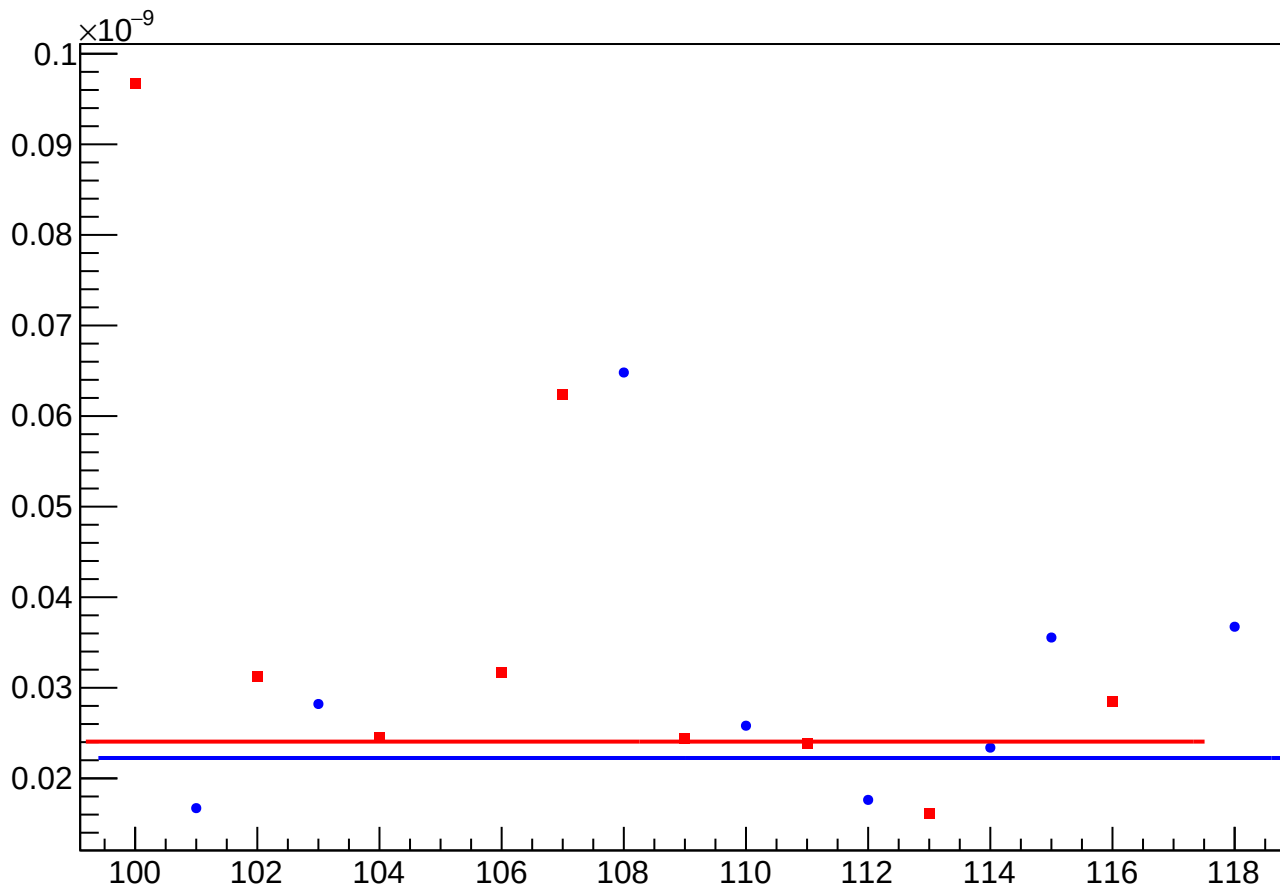
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 518854.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 399872.8/8

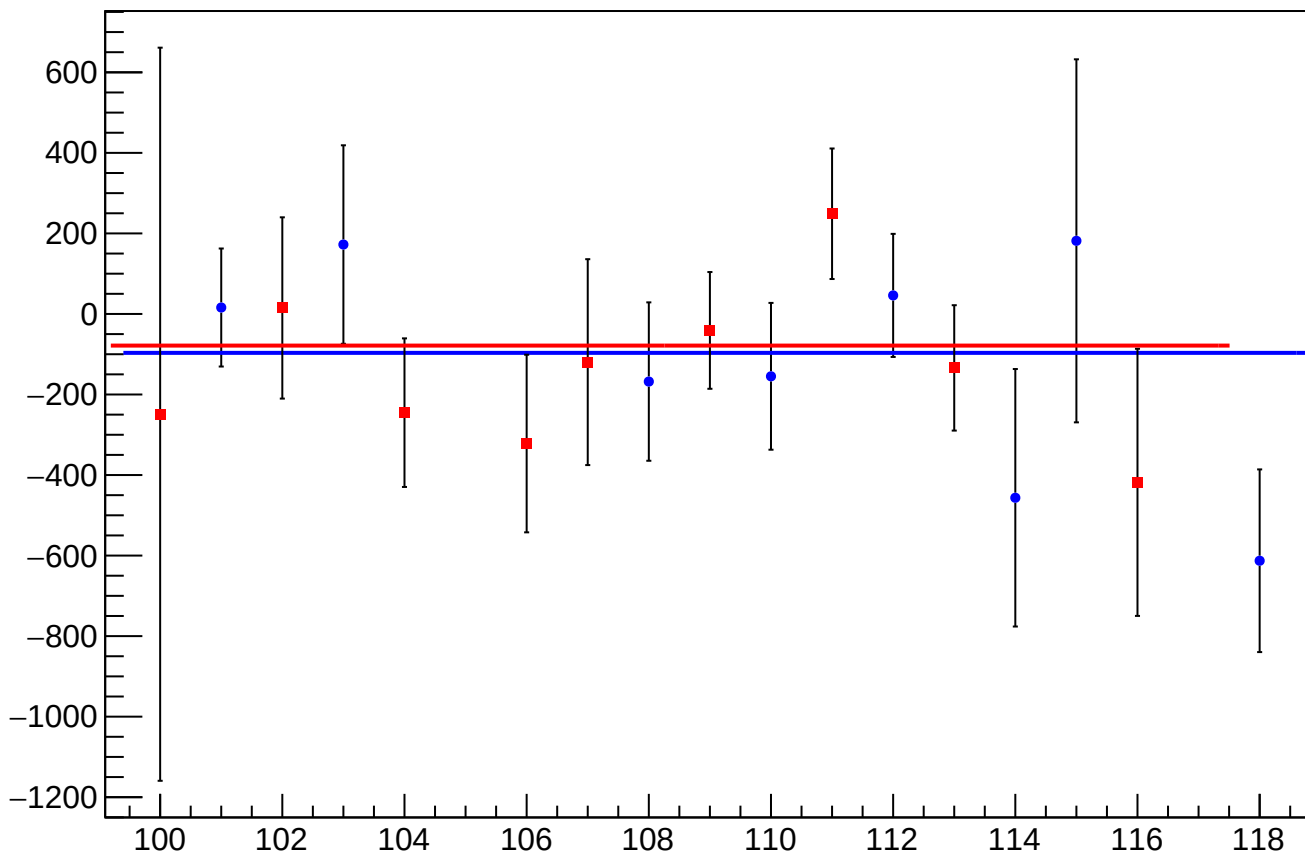
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 930426.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_mean vs Slug



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: -78.539 $\pm$ 67.086 χ^2 /NDF: 7.6/8

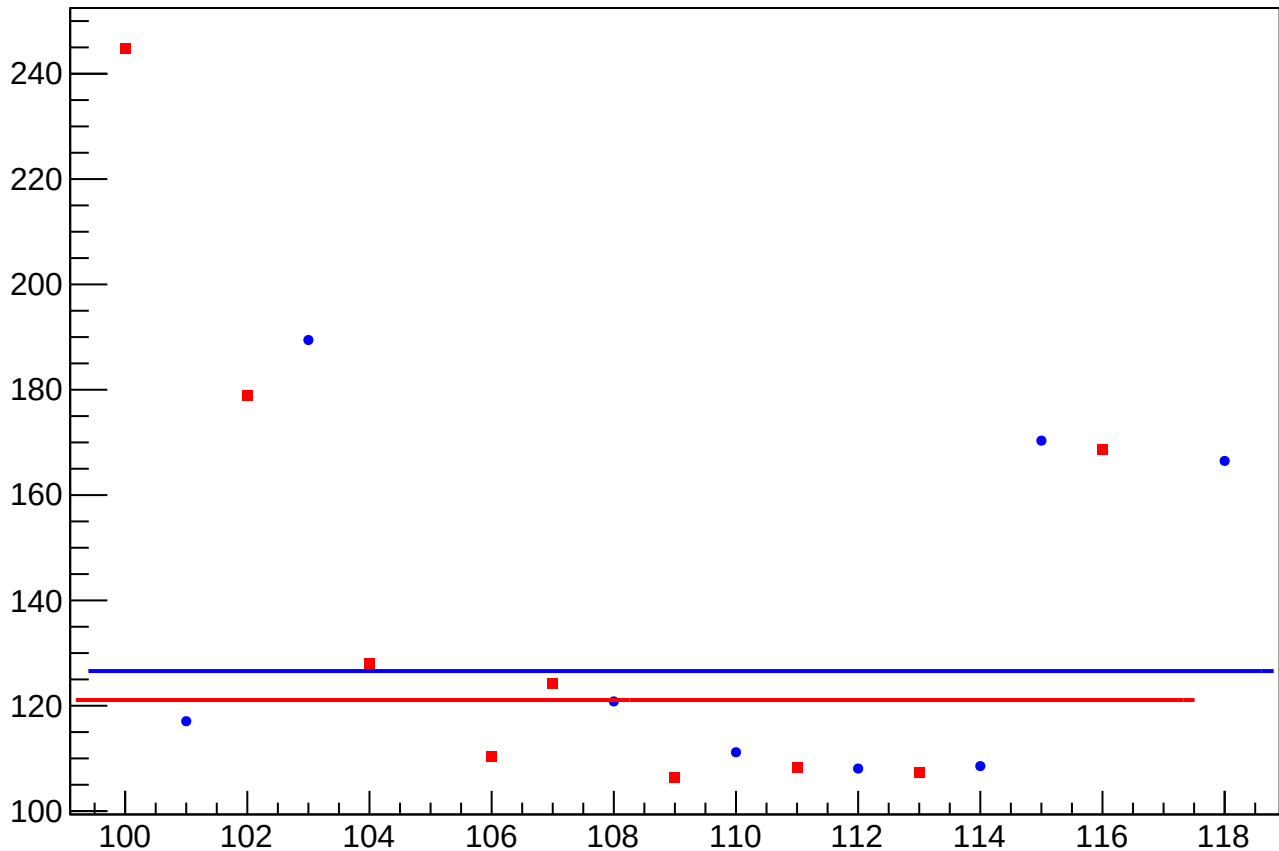
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.008 $\pm$ 48.904 χ^2 /NDF: 17.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 126.588 $\pm$ 0.051 χ^2 /NDF: 271014.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.087 $\pm$ 0.047 χ^2 /NDF: 266782.3/8

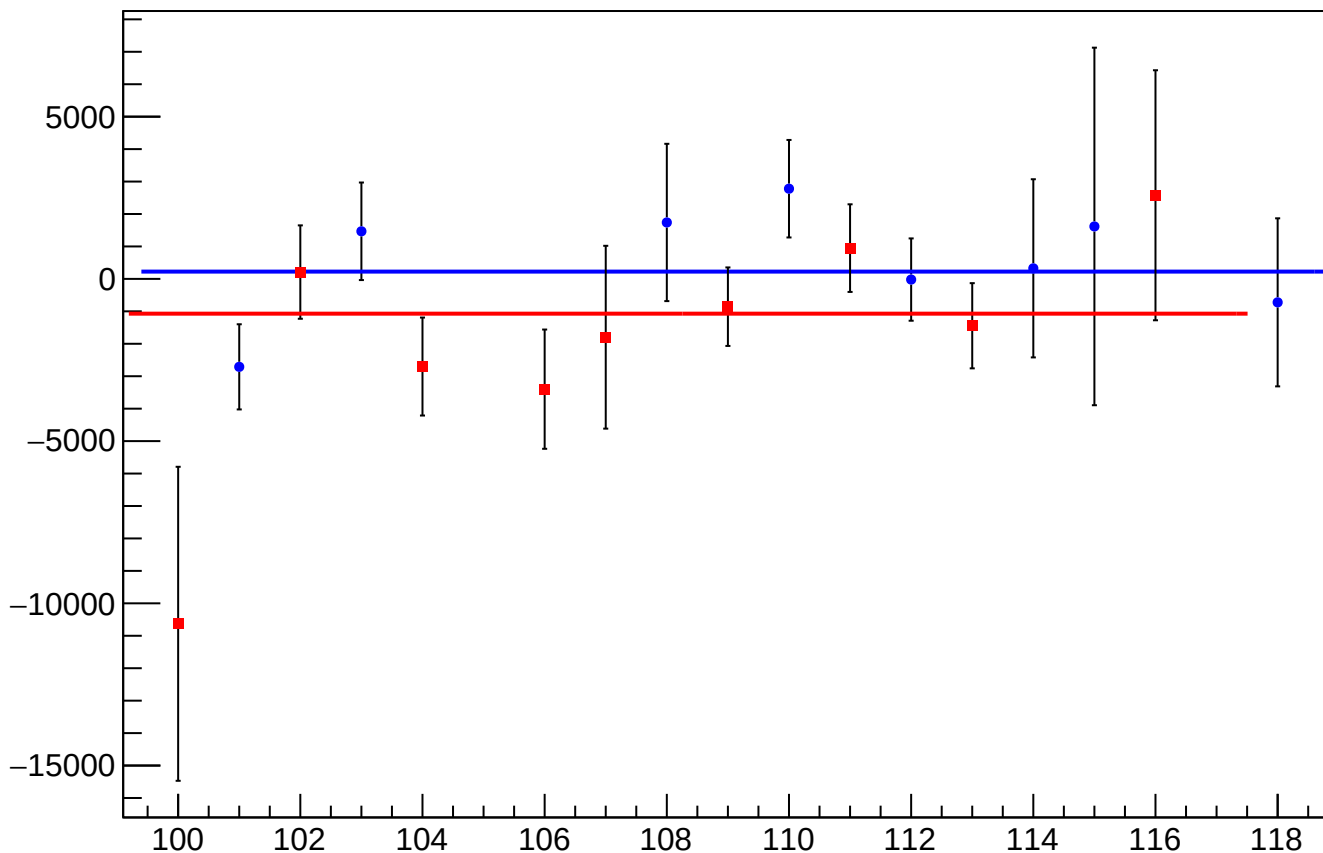
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.665 $\pm$ 0.035 χ^2 /NDF: 544099.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



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: -1071.854+/-553.431 χ^2/NDF : 10.8/8

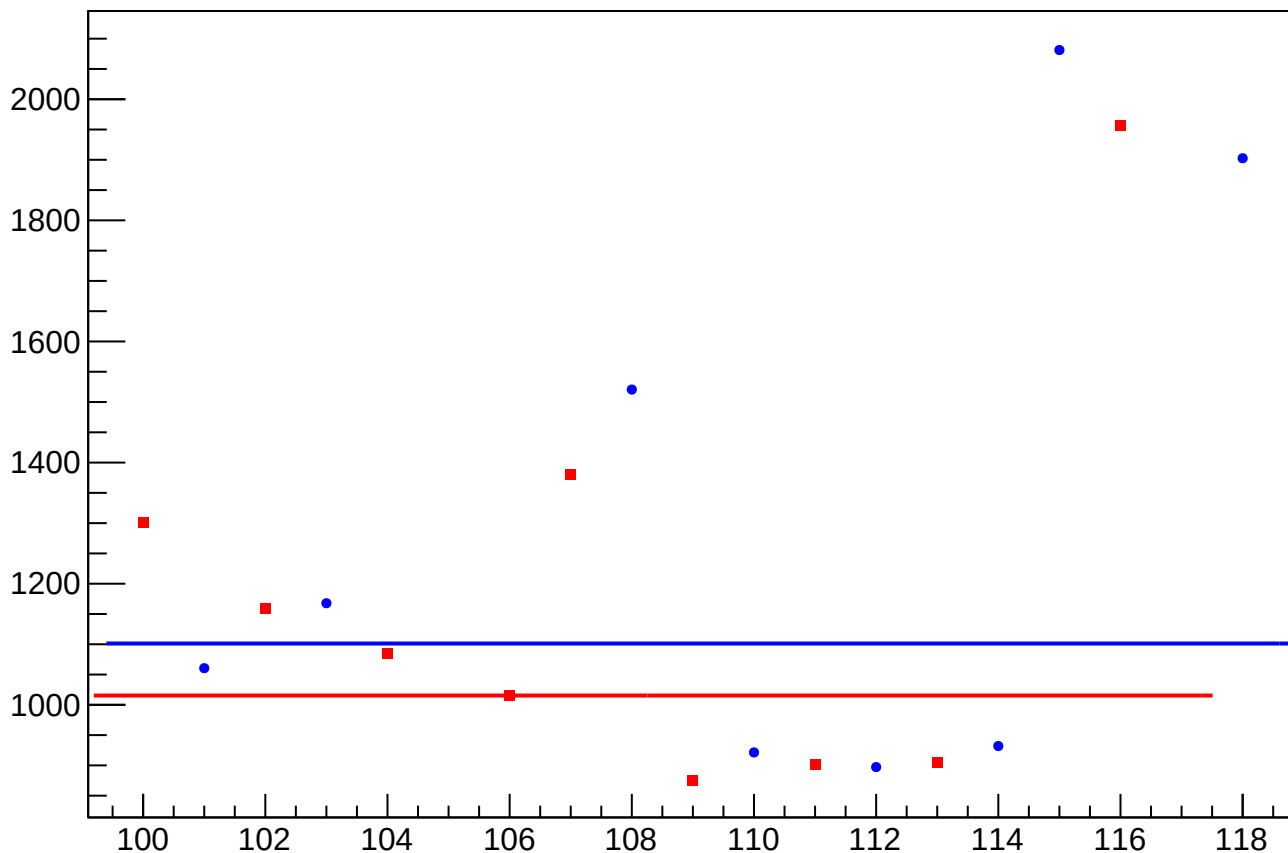
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -500.490+/-413.911 χ^2/NDF : 22.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1101.242 $\pm$ 0.441 χ^2 /NDF: 408387.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1015.357 $\pm$ 0.391 χ^2 /NDF: 239119.3/8

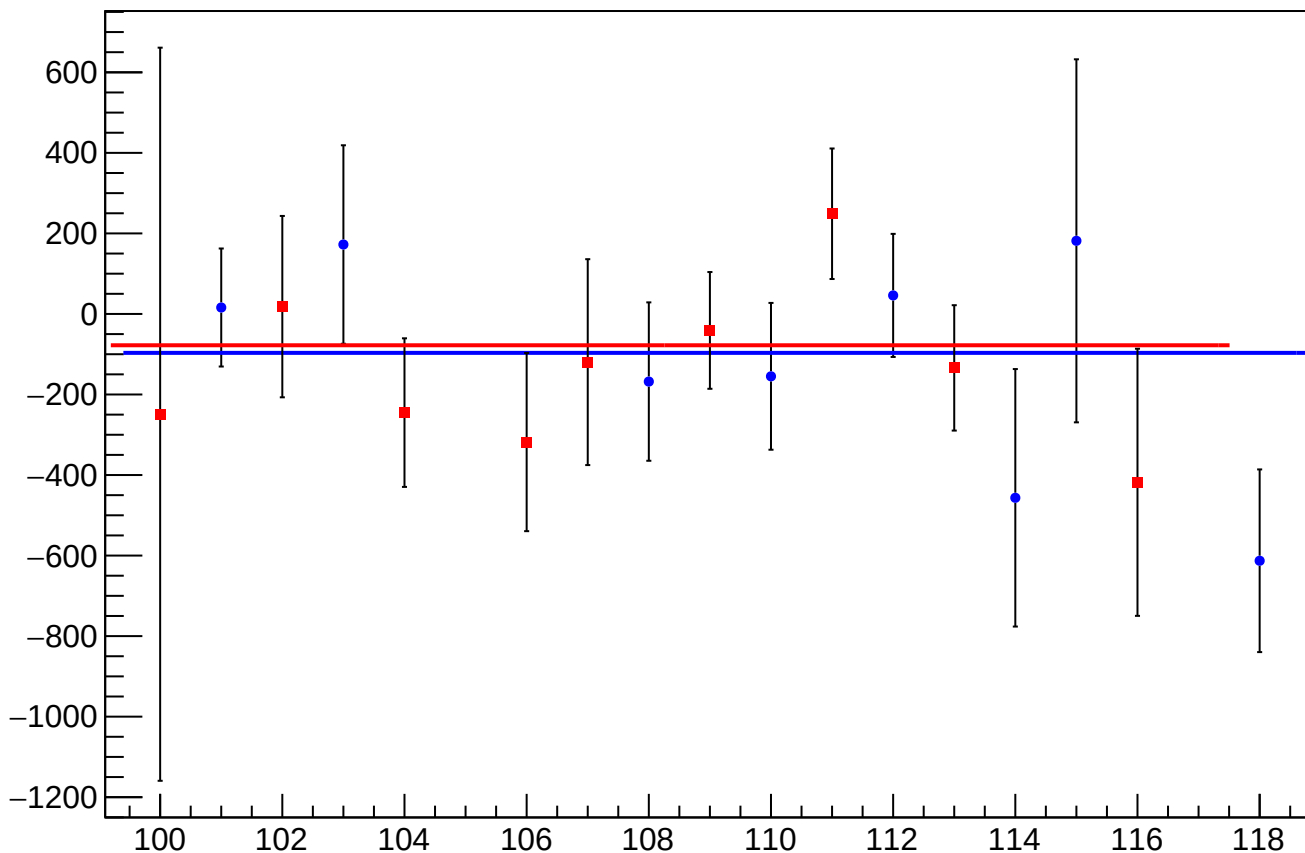
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1053.202 $\pm$ 0.293 χ^2 /NDF: 668730.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_mean vs Slug



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: -77.766 $\pm$ 67.109 χ^2 /NDF: 7.6/8

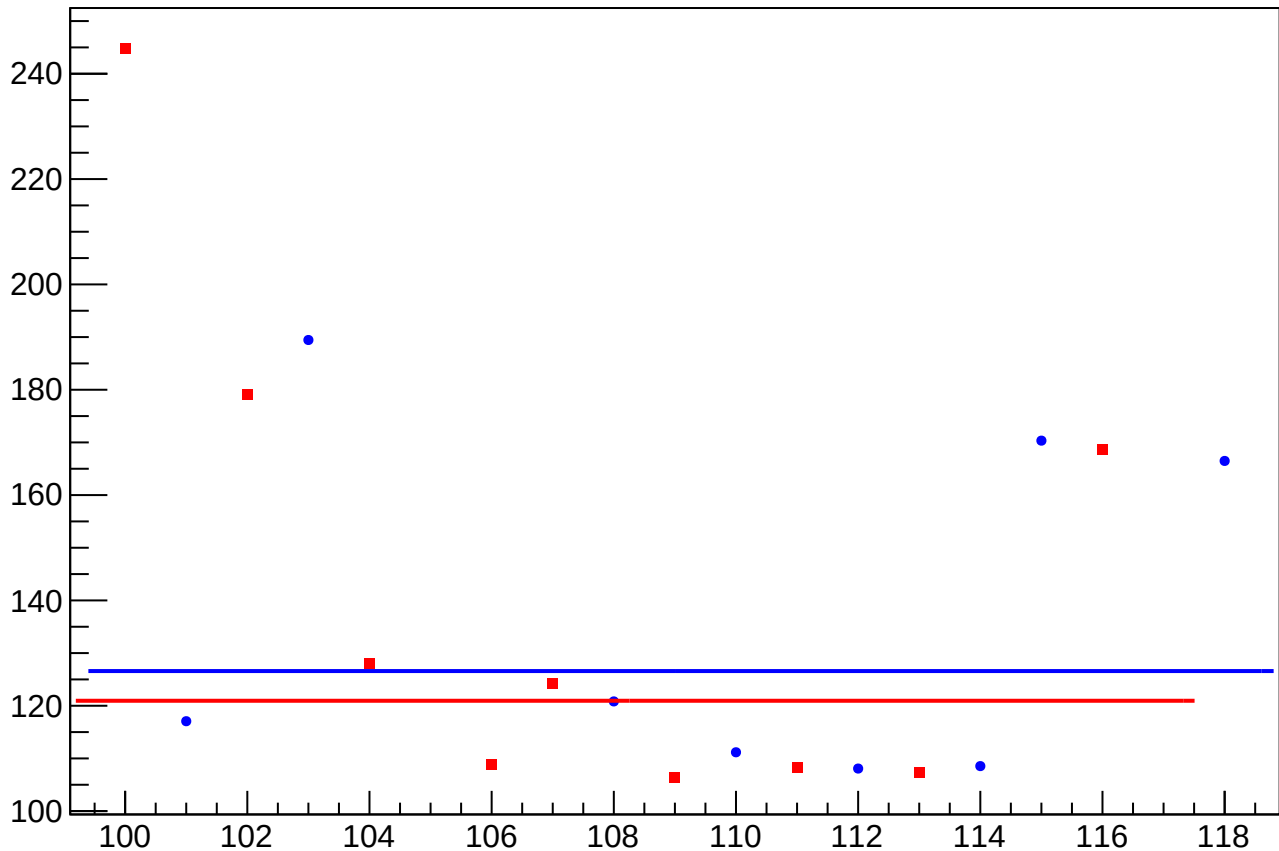
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -86.612 $\pm$ 48.912 χ^2 /NDF: 17.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_rms vs Slug



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: 120.948 $\pm$ 0.047 χ^2 /NDF: 268483.0/8

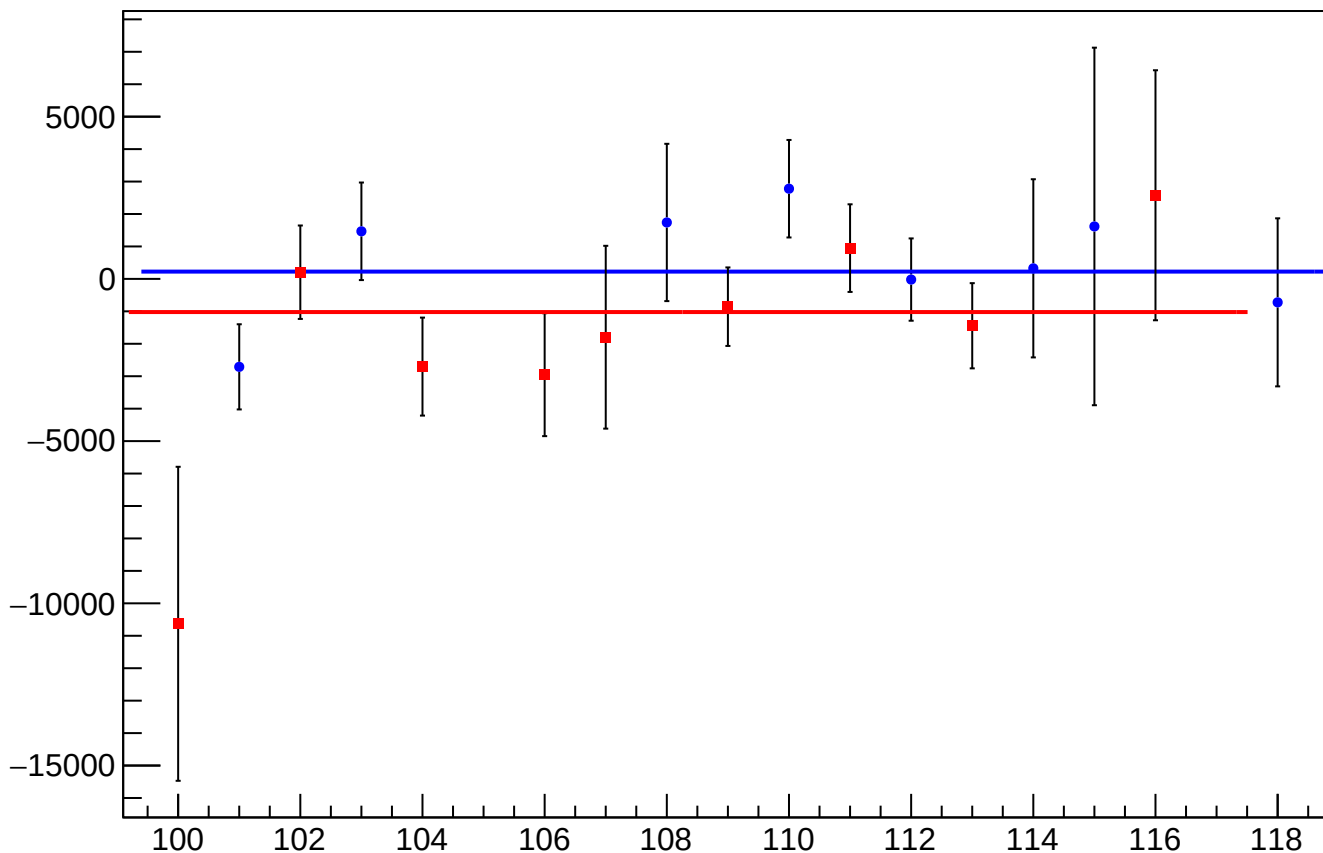
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.592 $\pm$ 0.035 χ^2 /NDF: 546123.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 224.694 $\pm$ 623.547 χ^2 /NDF: 9.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1022.202 $\pm$ 554.957 χ^2 /NDF: 10.1/8

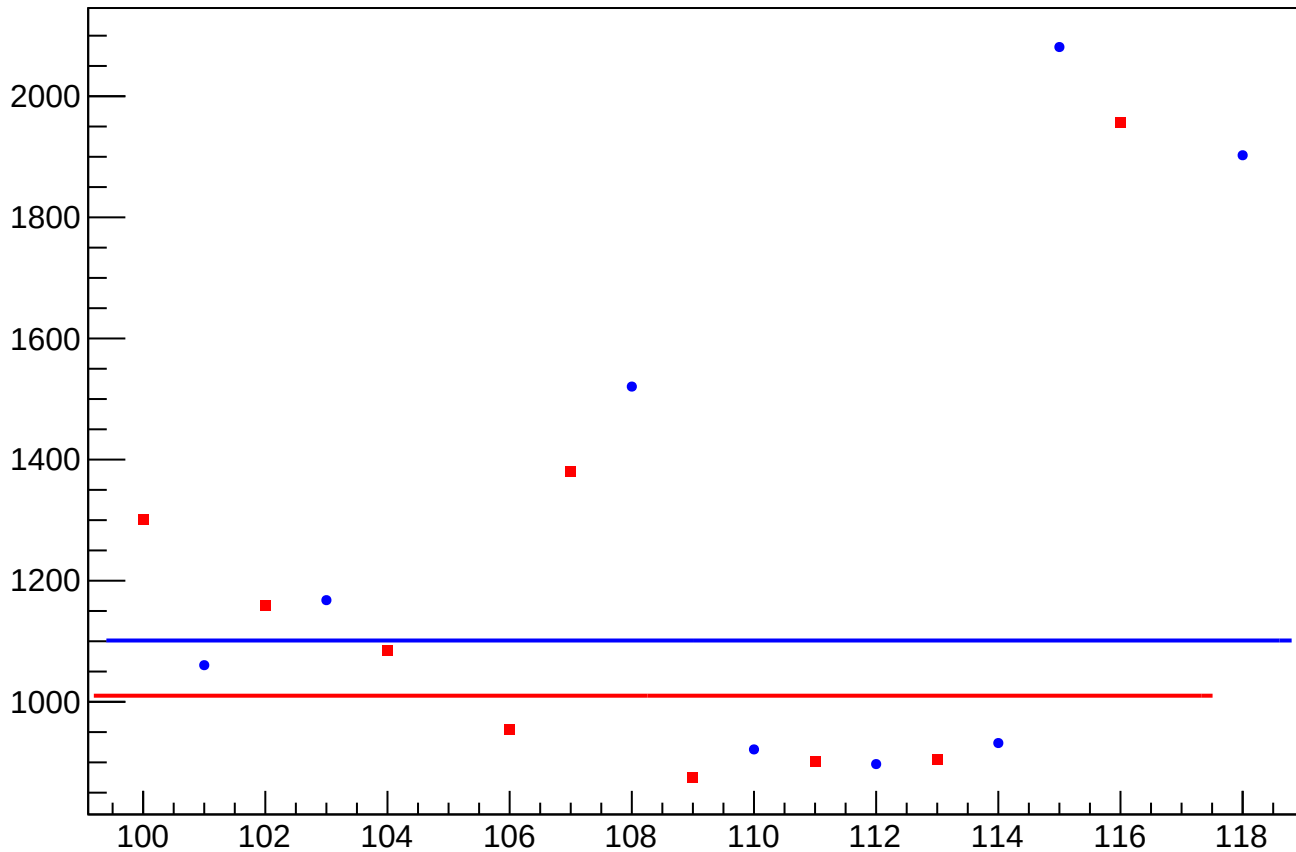
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -471.080 $\pm$ 414.551 χ^2 /NDF: 21.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



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: 1010.113+/-0.392 χ^2/NDF : 241183.1/8

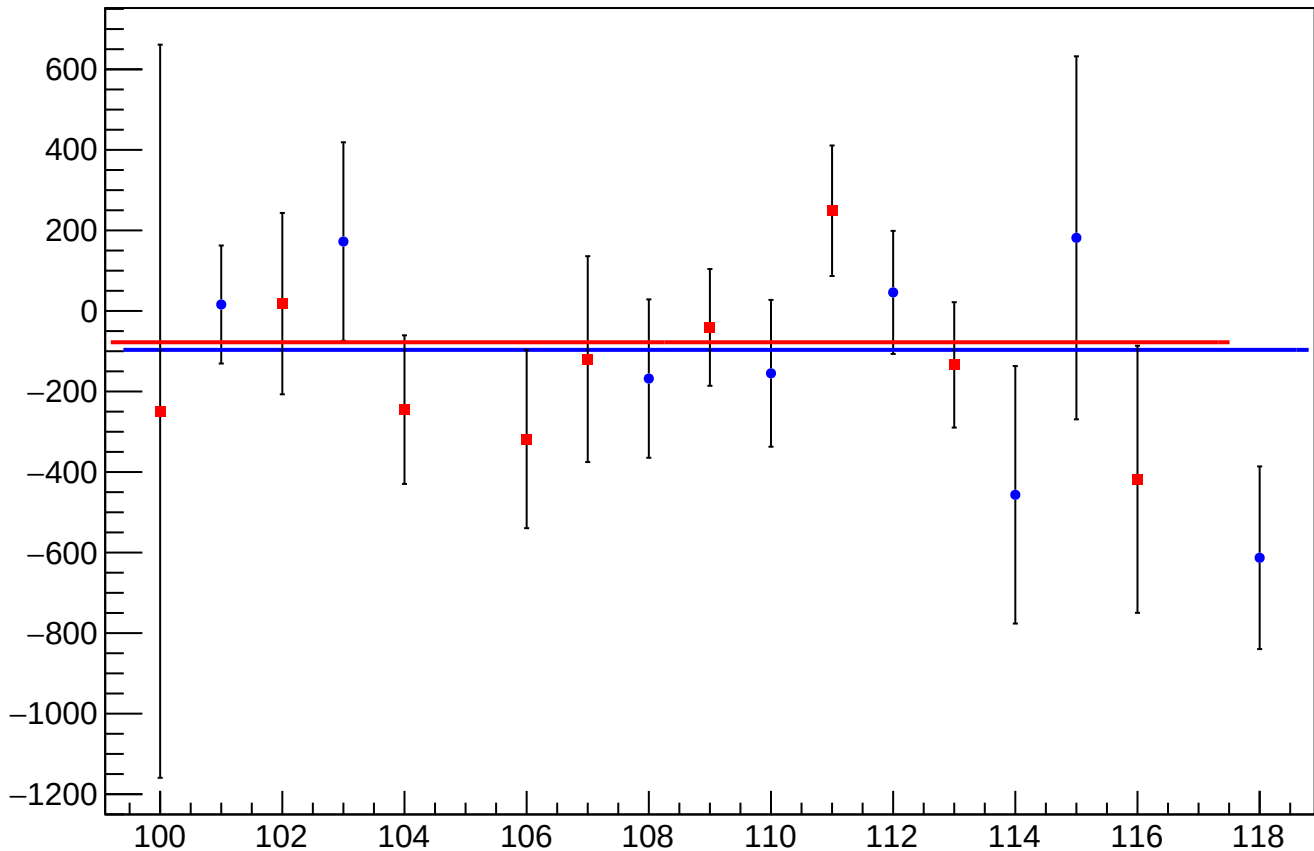
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.398+/-0.293 χ^2/NDF : 673425.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



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: -77.766 $\pm$ 67.109 χ^2 /NDF: 7.6/8

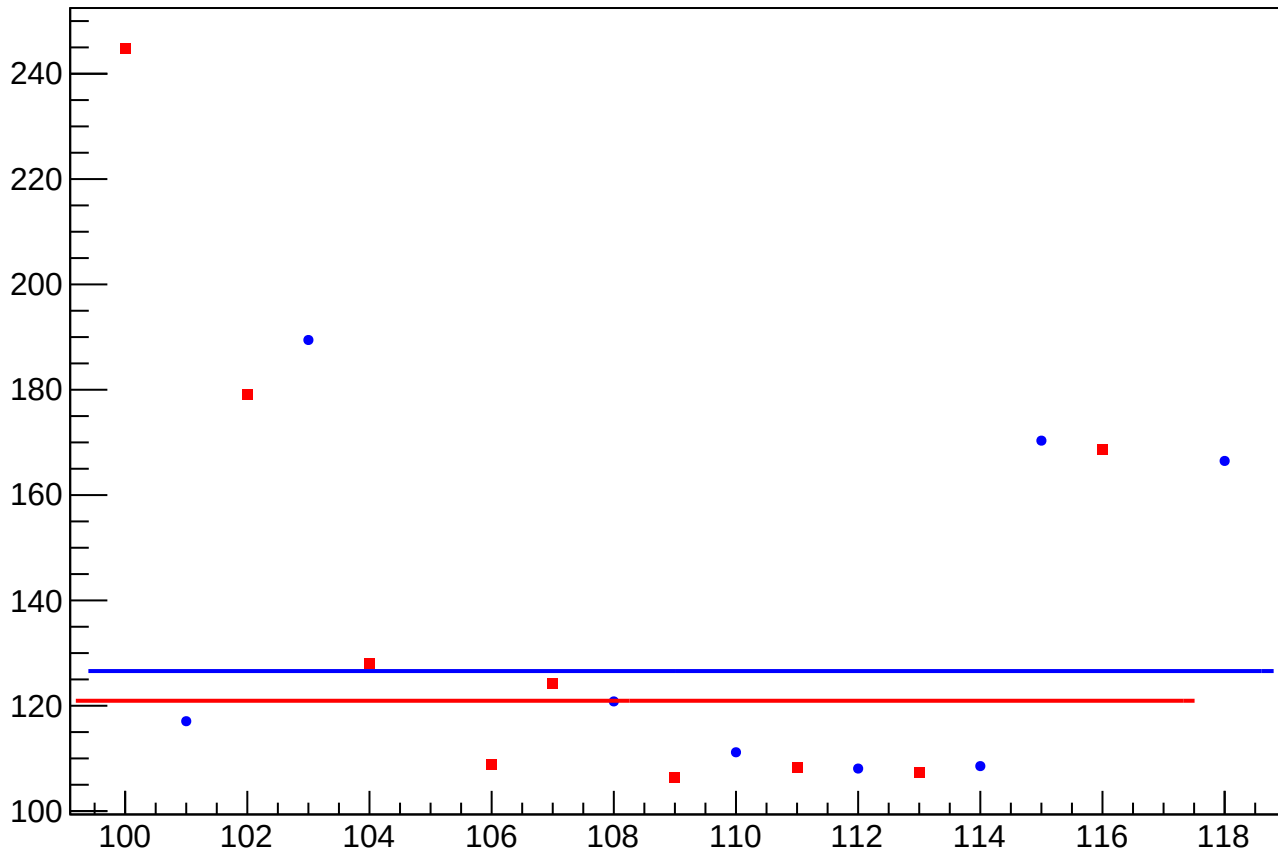
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -86.612 $\pm$ 48.912 χ^2 /NDF: 17.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



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: 120.948 $\pm$ 0.047 χ^2 /NDF: 268483.0/8

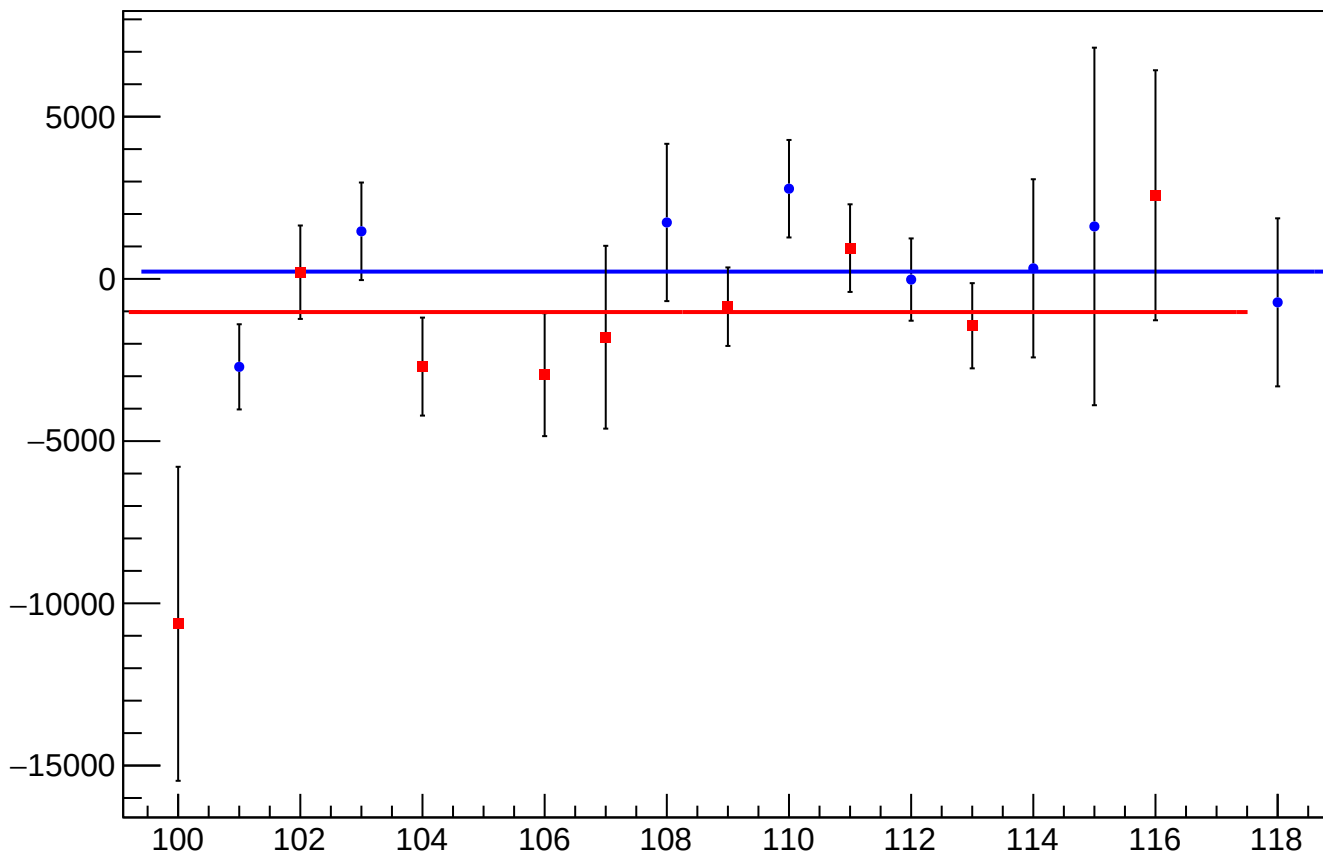
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.592 $\pm$ 0.035 χ^2 /NDF: 546123.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



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: -1022.202+/-554.957 χ^2/NDF : 10.1/8

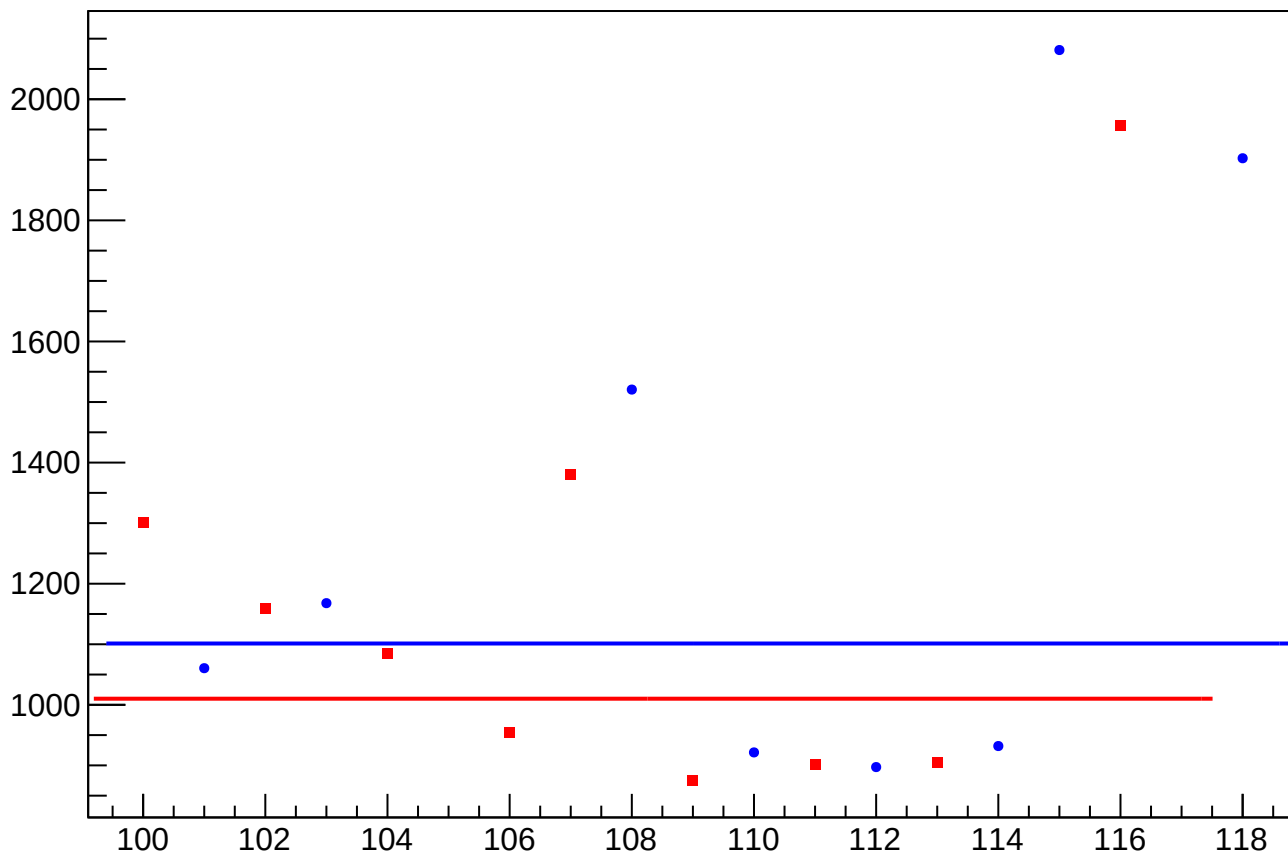
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -471.080+/-414.551 χ^2/NDF : 21.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1101.258 $\pm$ 0.441 χ^2 /NDF: 408397.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1010.113 $\pm$ 0.392 χ^2 /NDF: 241183.1/8

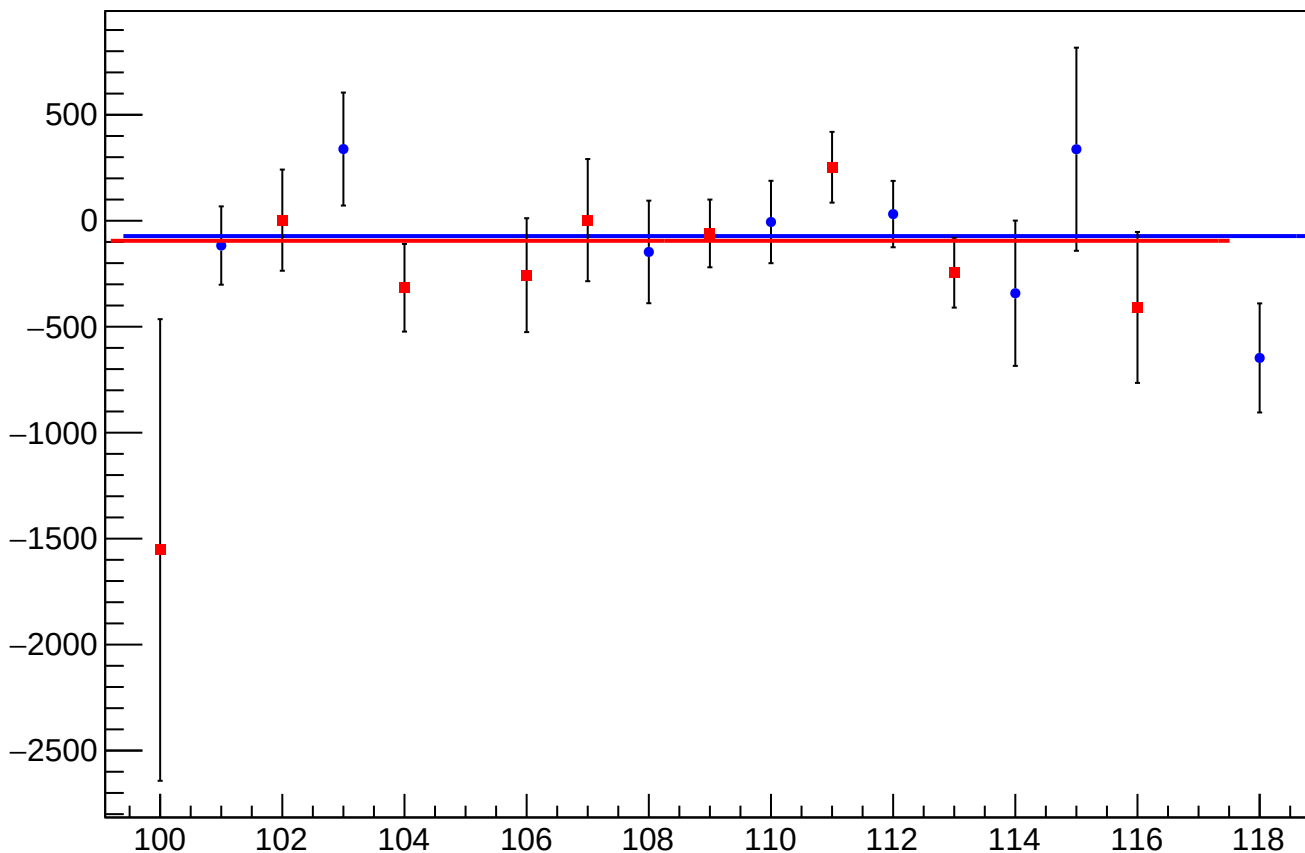
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1050.398 $\pm$ 0.293 χ^2 /NDF: 673425.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug



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: -94.555+/-73.055 χ^2/NDF : 9.6/8

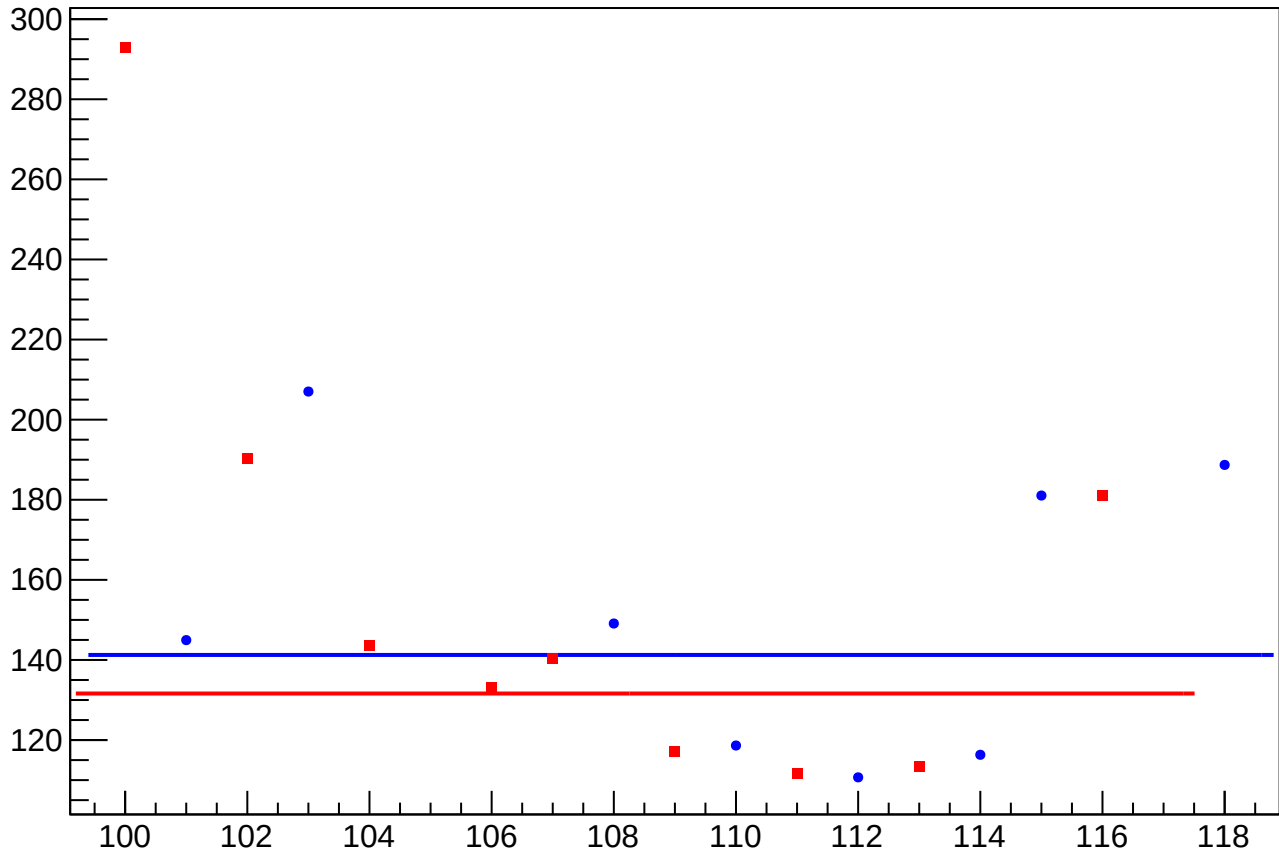
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.481+/-53.992 χ^2/NDF : 19.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



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: 131.623+/-0.052 χ^2/NDF : 281536.4/8

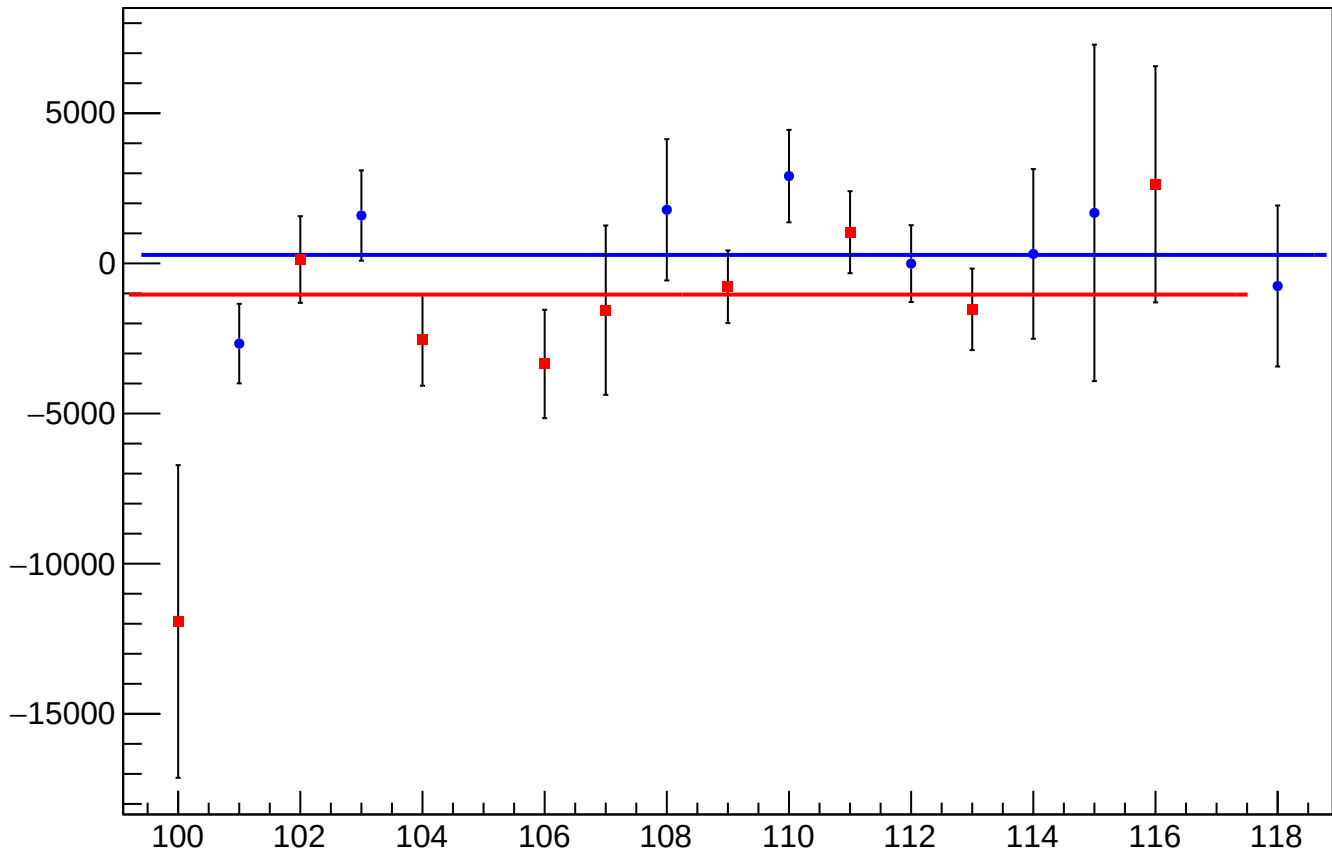
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.038 χ^2/NDF : 617656.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



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: -1038.764+/-558.306 χ^2/NDF : 11.0/8

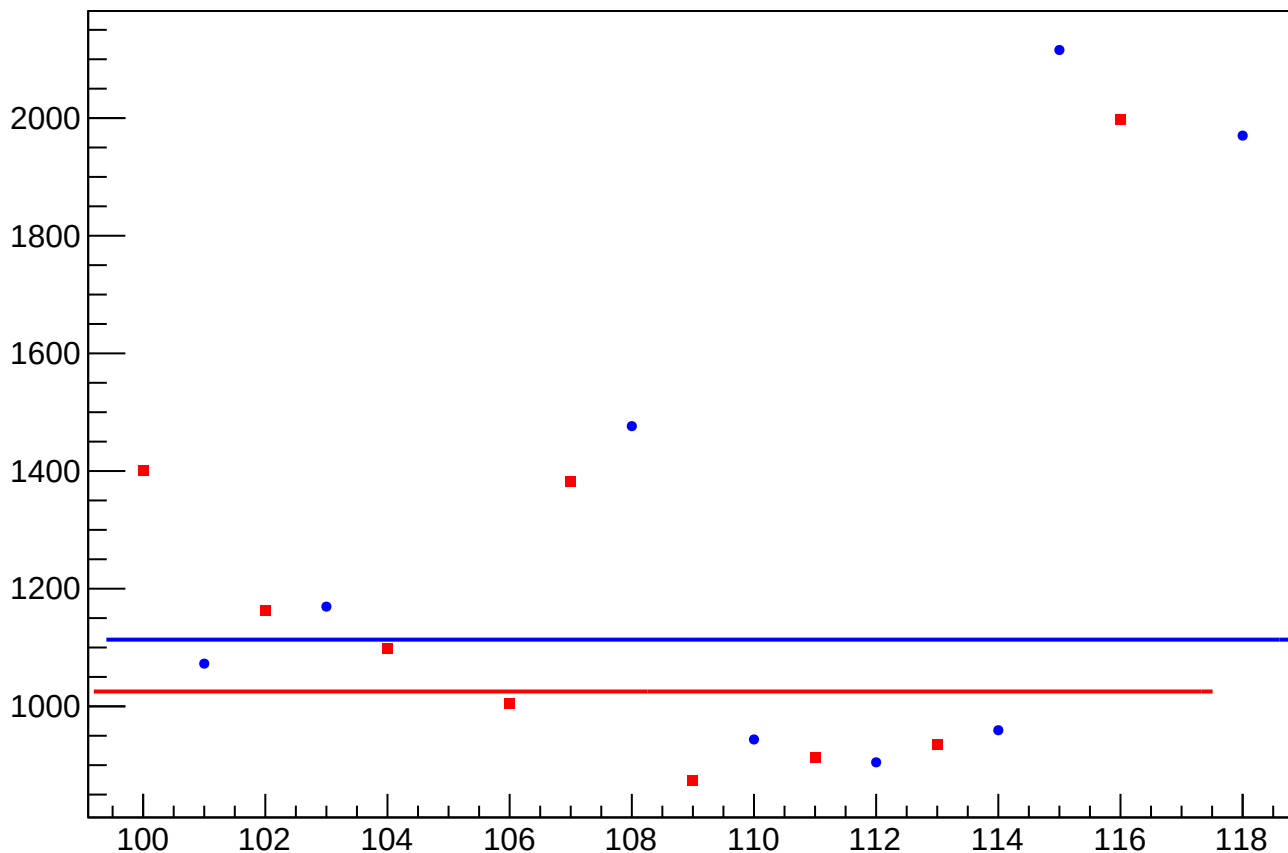
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -456.950+/-417.724 χ^2/NDF : 22.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1113.371 $\pm$ 0.445 χ^2 /NDF: 404019.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1025.239 $\pm$ 0.395 χ^2 /NDF: 241325.9/8

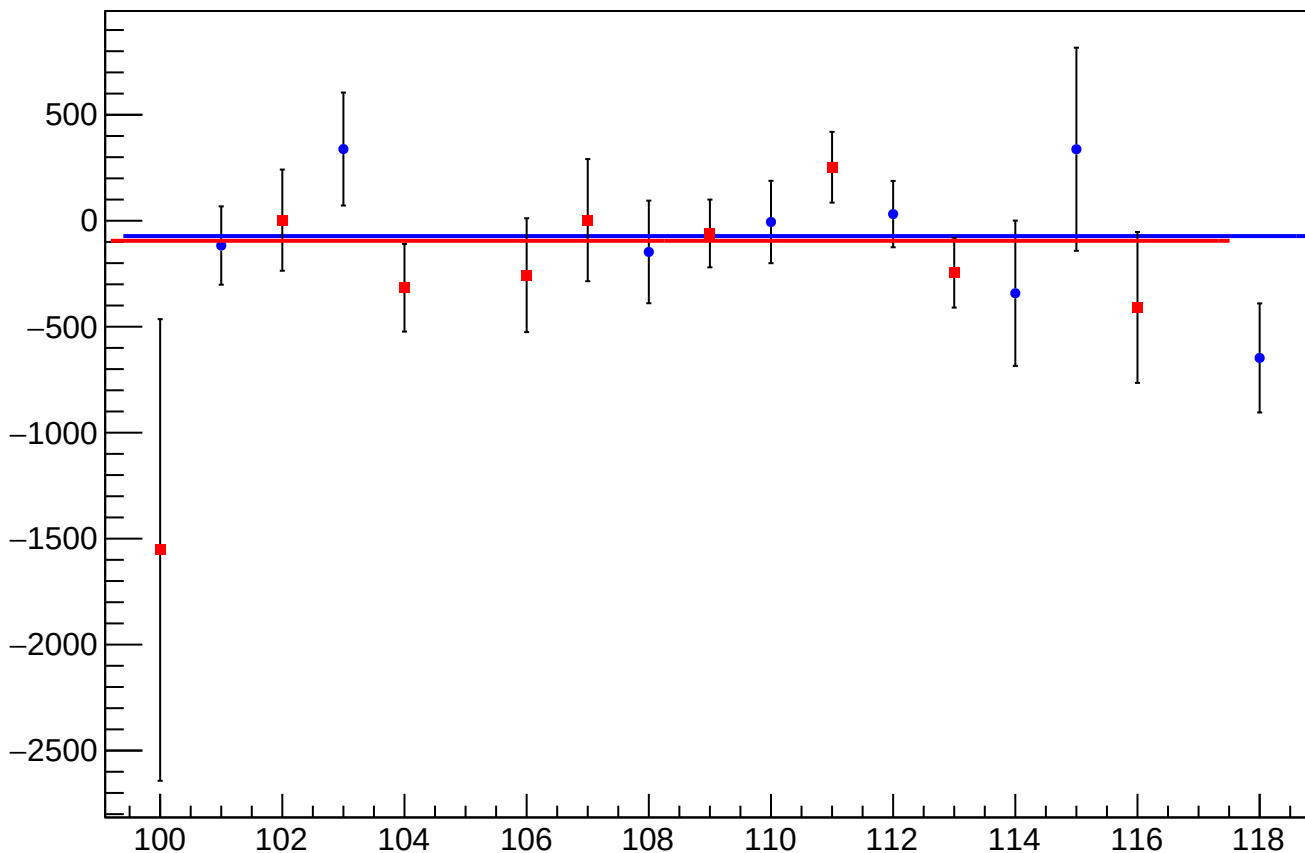
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1064.035 $\pm$ 0.295 χ^2 /NDF: 667283.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



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: -94.554+/-73.055 χ^2/NDF : 9.6/8

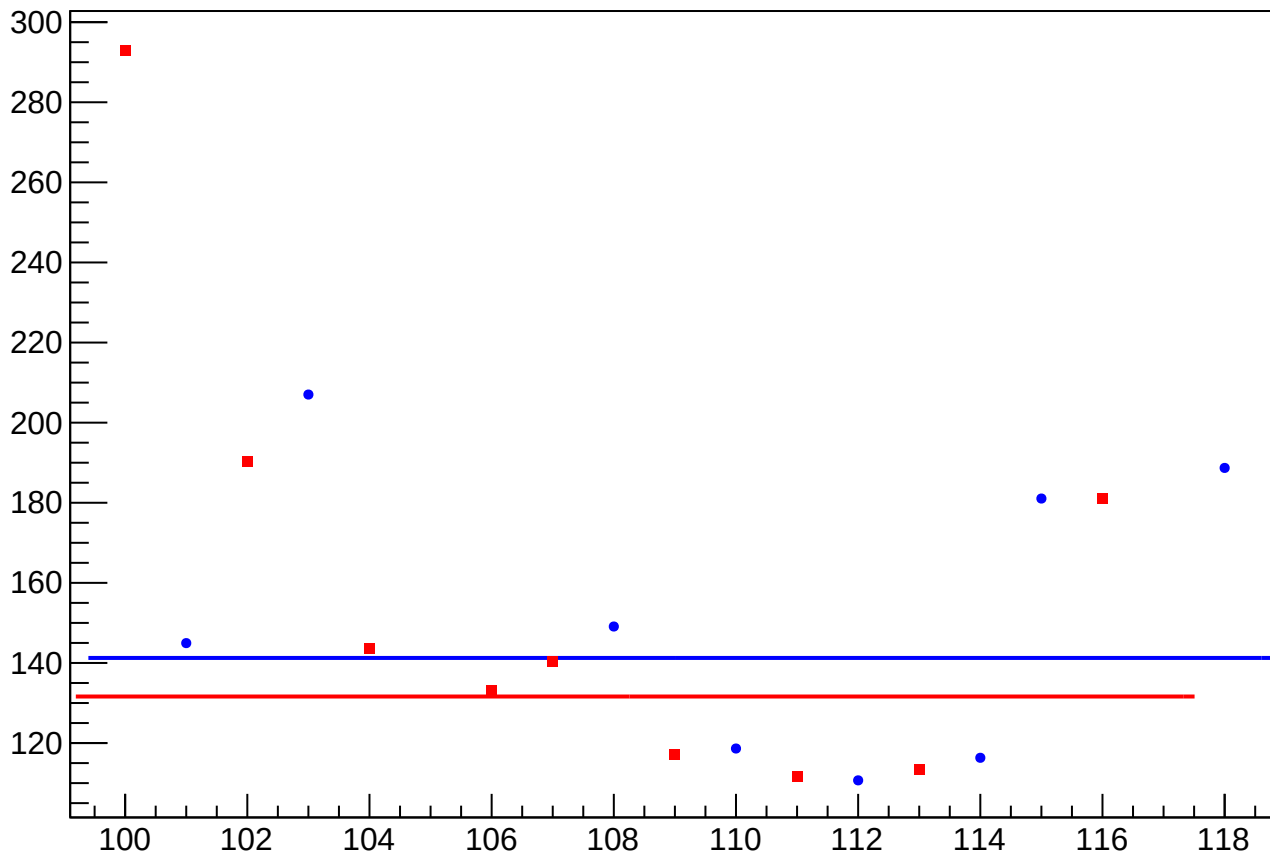
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.480+/-53.992 χ^2/NDF : 19.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



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: 131.623+/-0.052 χ^2/NDF : 281539.2/8

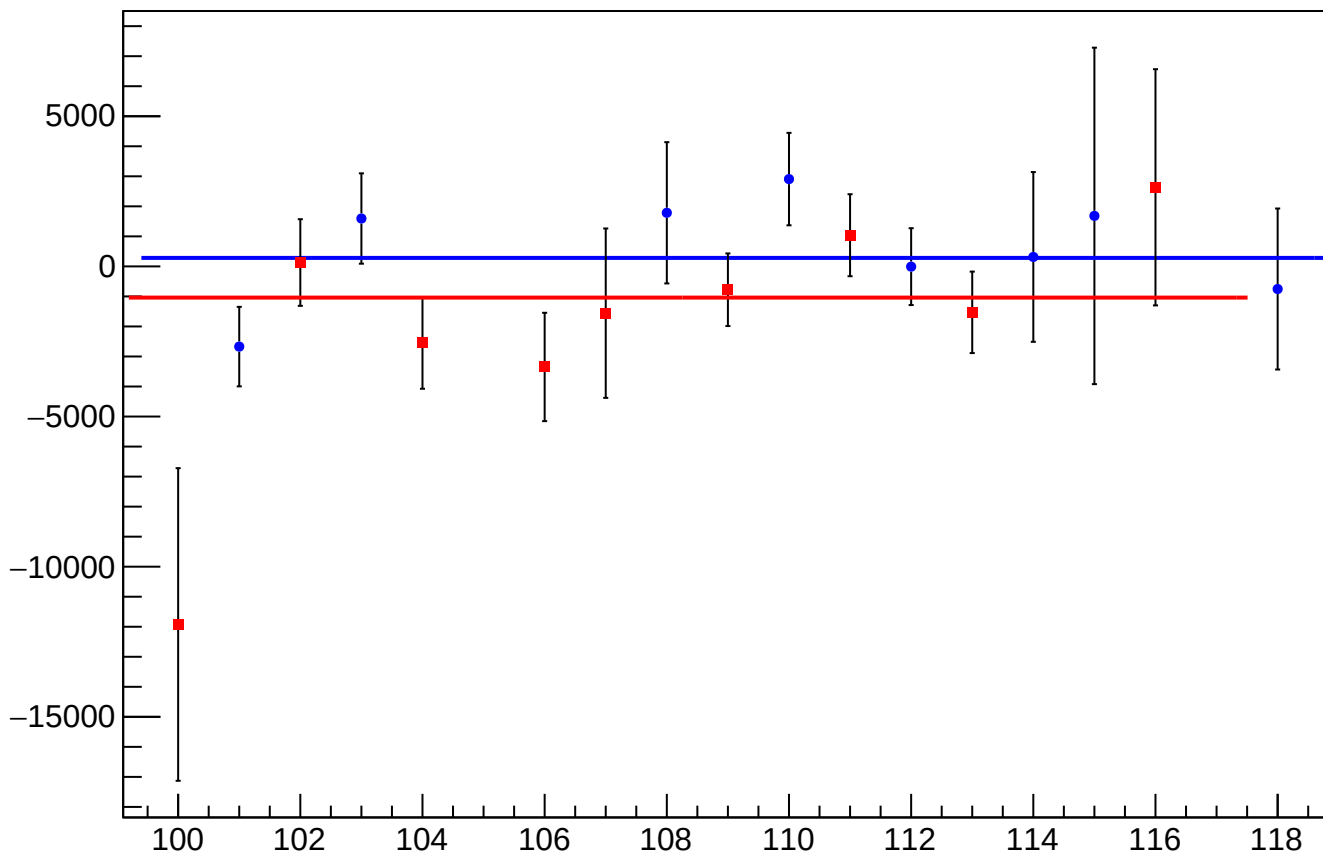
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.994+/-0.038 χ^2/NDF : 617664.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



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: -1038.762 $\pm$ 558.305 χ^2 /NDF: 11.0/8

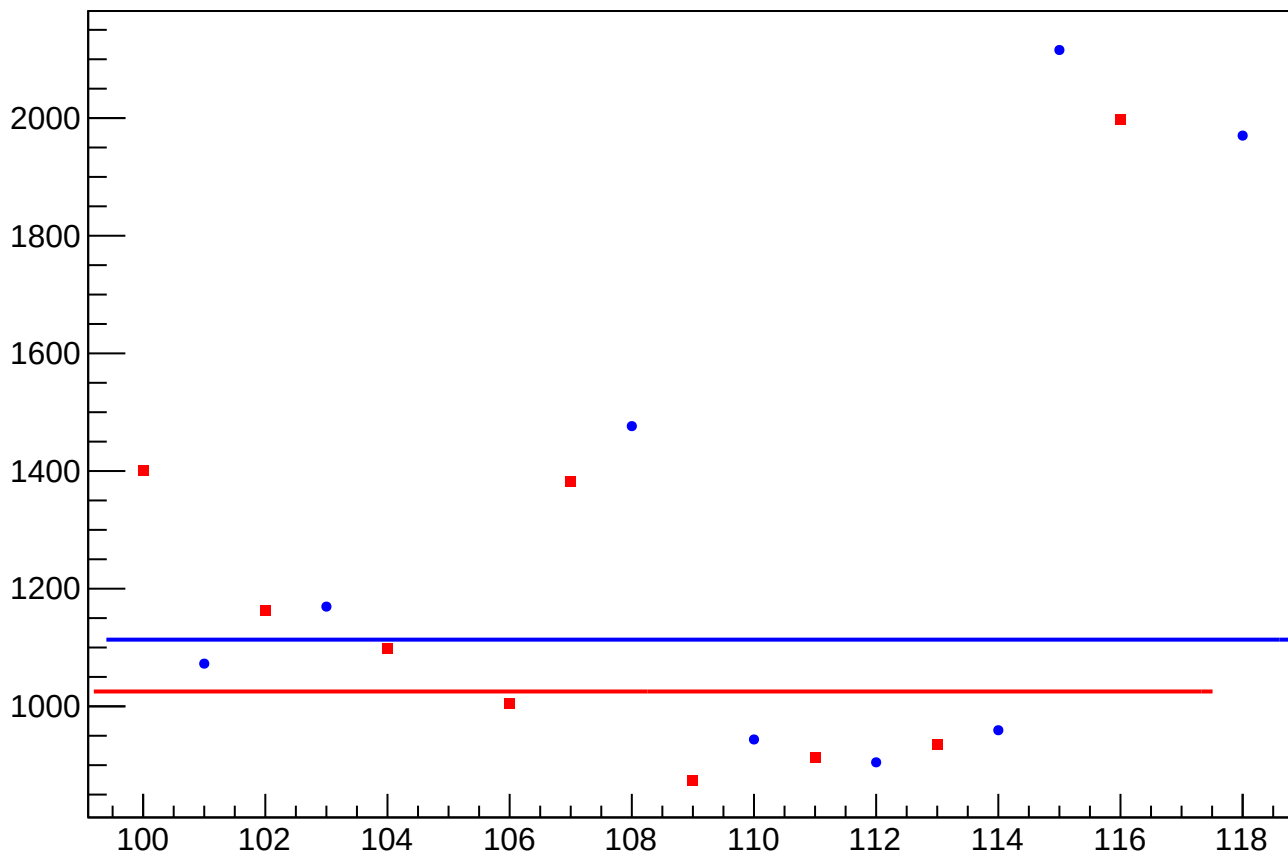
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -456.949 $\pm$ 417.724 χ^2 /NDF: 22.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1113.370 $\pm$ 0.445 χ^2 /NDF: 404021.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1025.238 $\pm$ 0.395 χ^2 /NDF: 241327.5/8

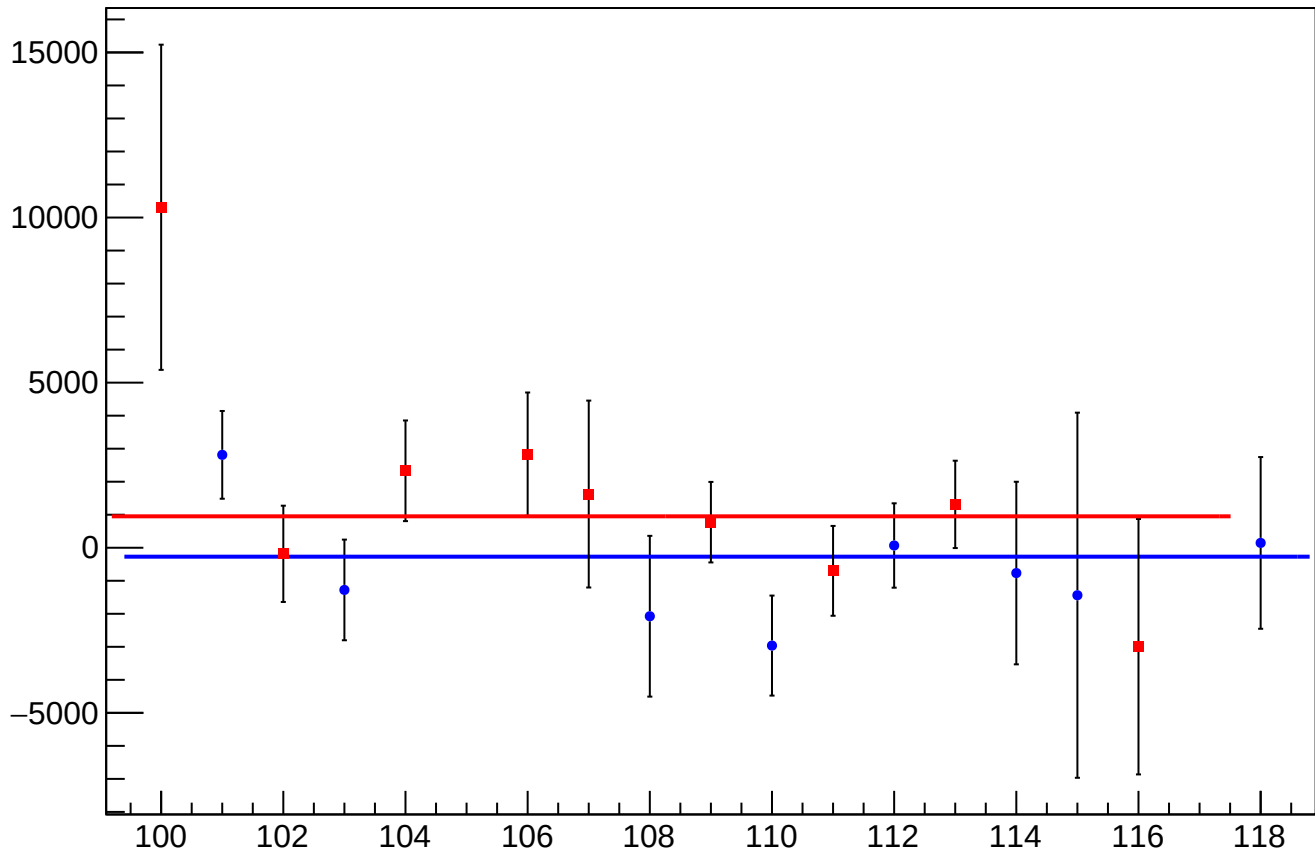
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1064.034 $\pm$ 0.295 χ^2 /NDF: 667287.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



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: 951.774+/-558.534 χ^2/NDF : 8.7/8

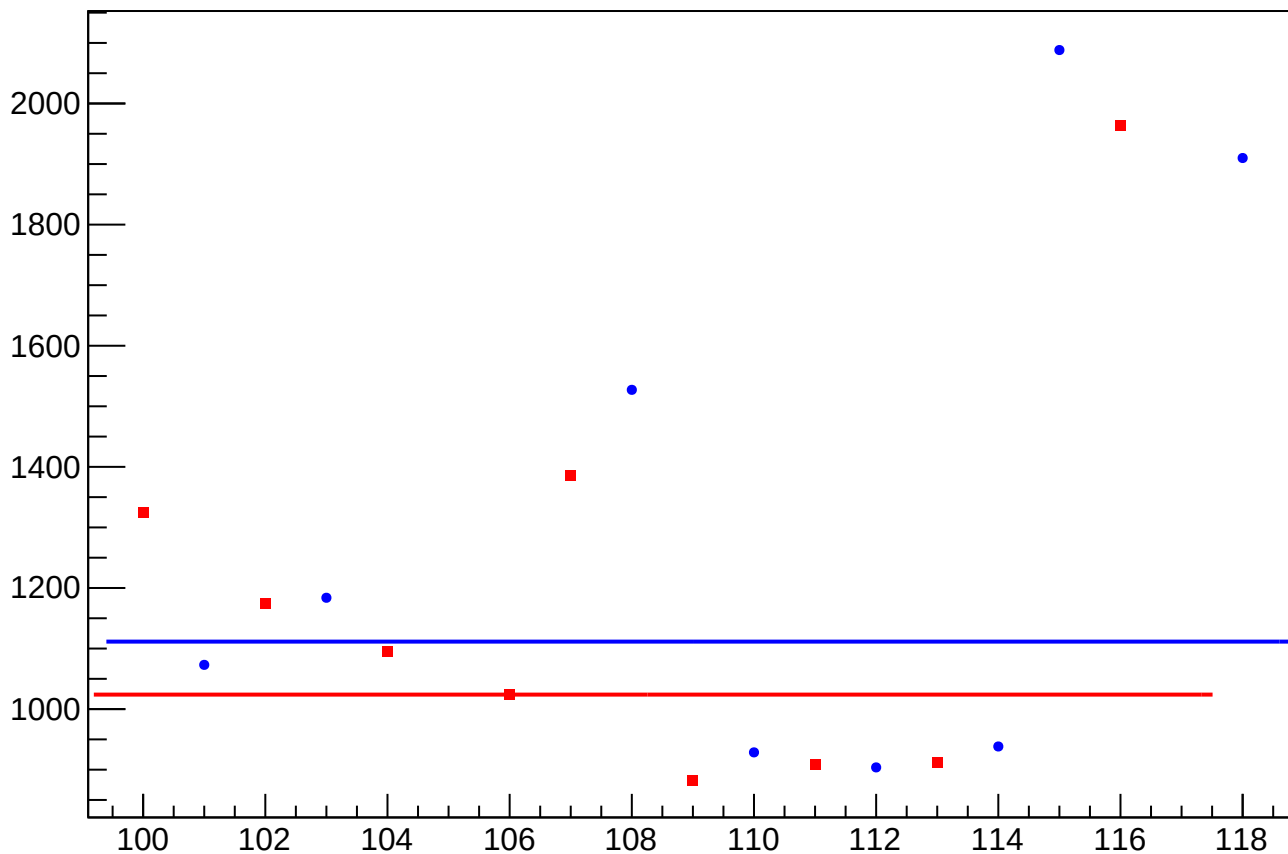
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.204+/-417.717 χ^2/NDF : 20.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



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: 1023.951+/-0.395 χ^2/NDF : 239694.1/8

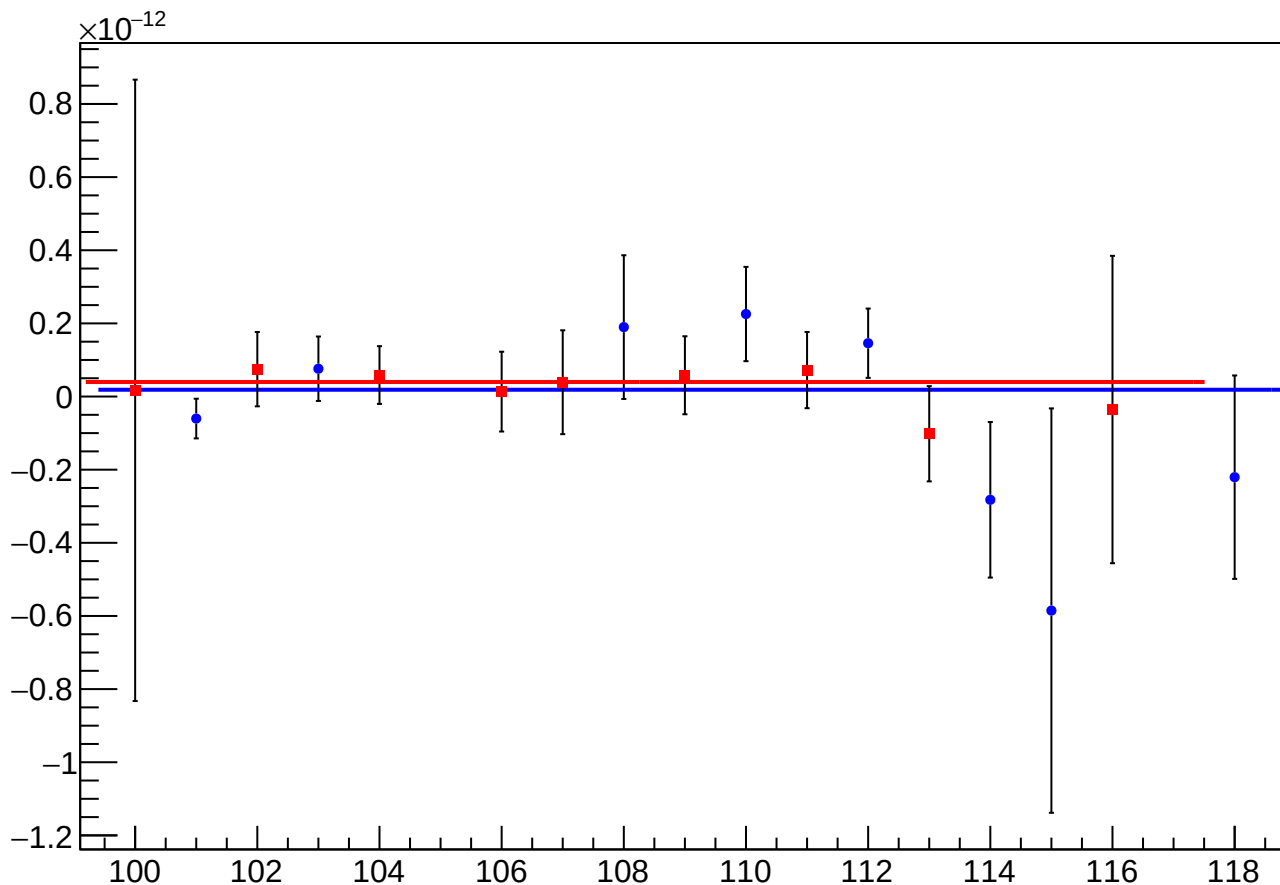
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1062.512+/-0.295 χ^2/NDF : 666770.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/8

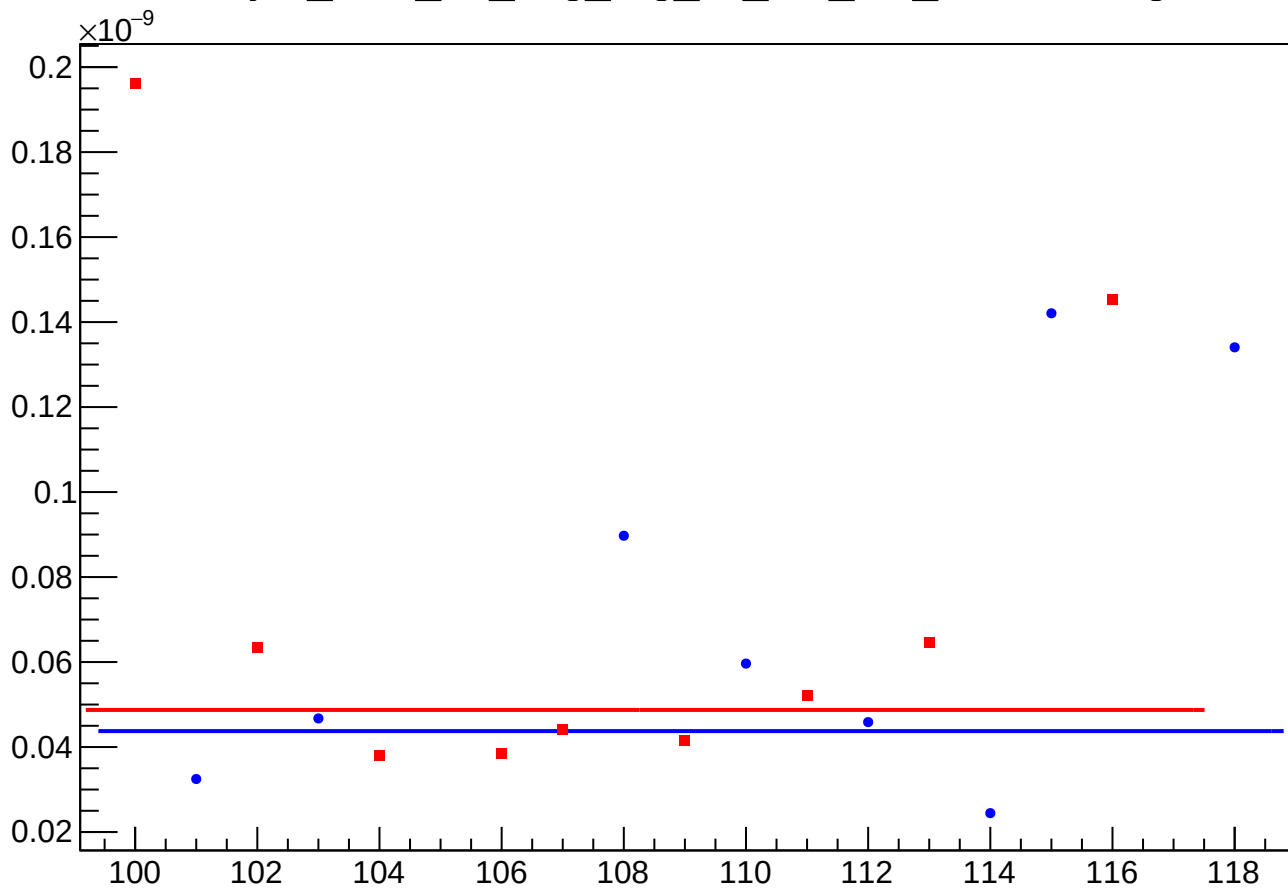
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug



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 : 305430.5/8

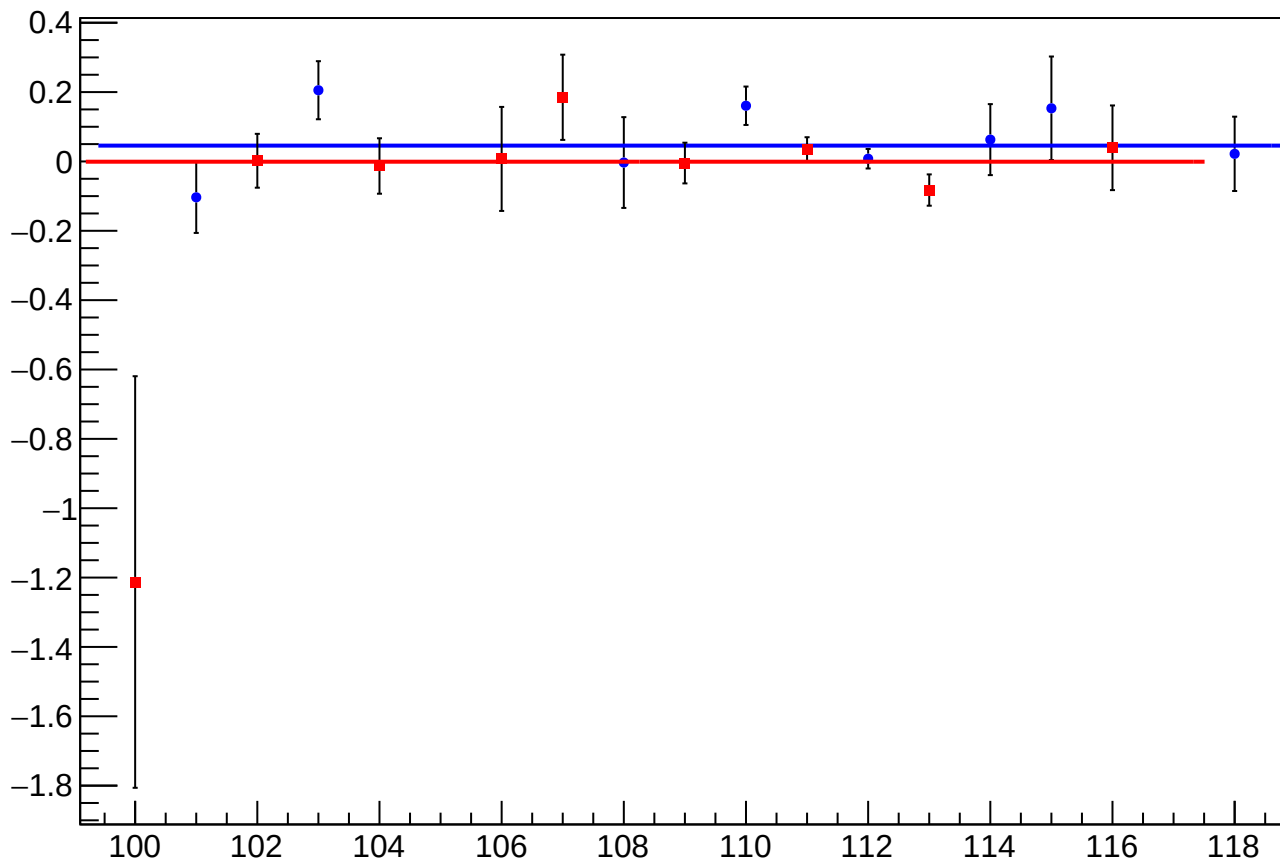
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 842152.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.022 χ^2 /NDF: 11.0/8

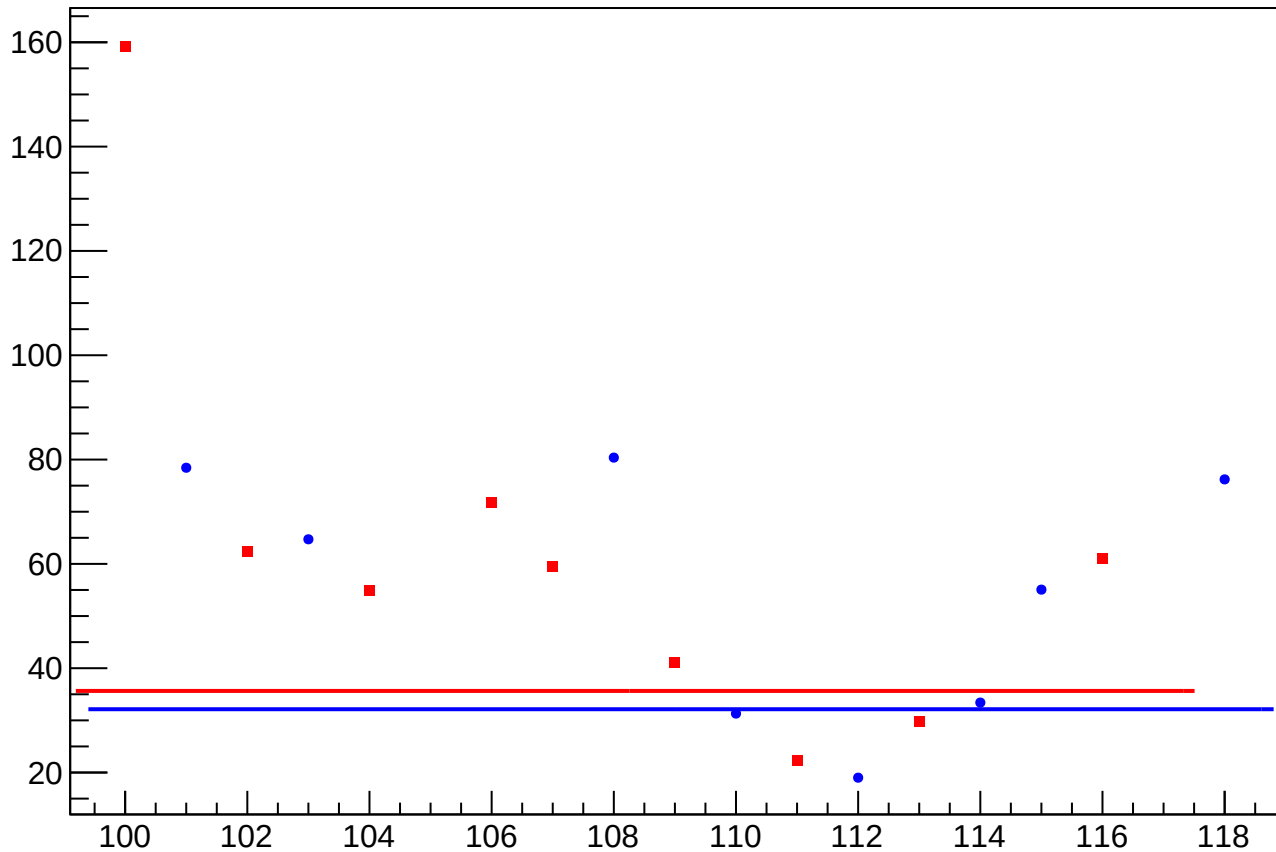
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 25.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



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: 35.644+/-0.015 χ^2/NDF : 1072262.4/8

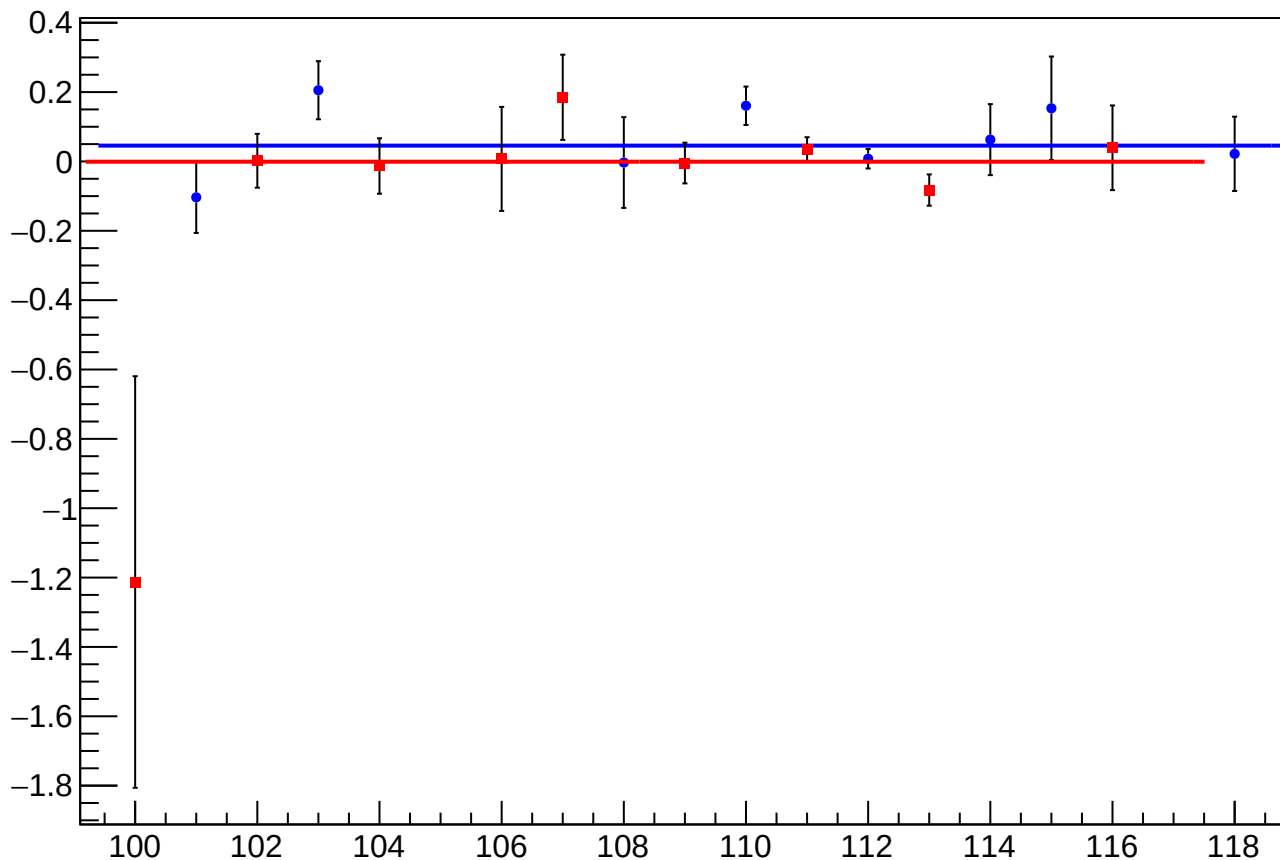
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.899+/-0.011 χ^2/NDF : 2899807.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.022 χ^2 /NDF: 11.0/8

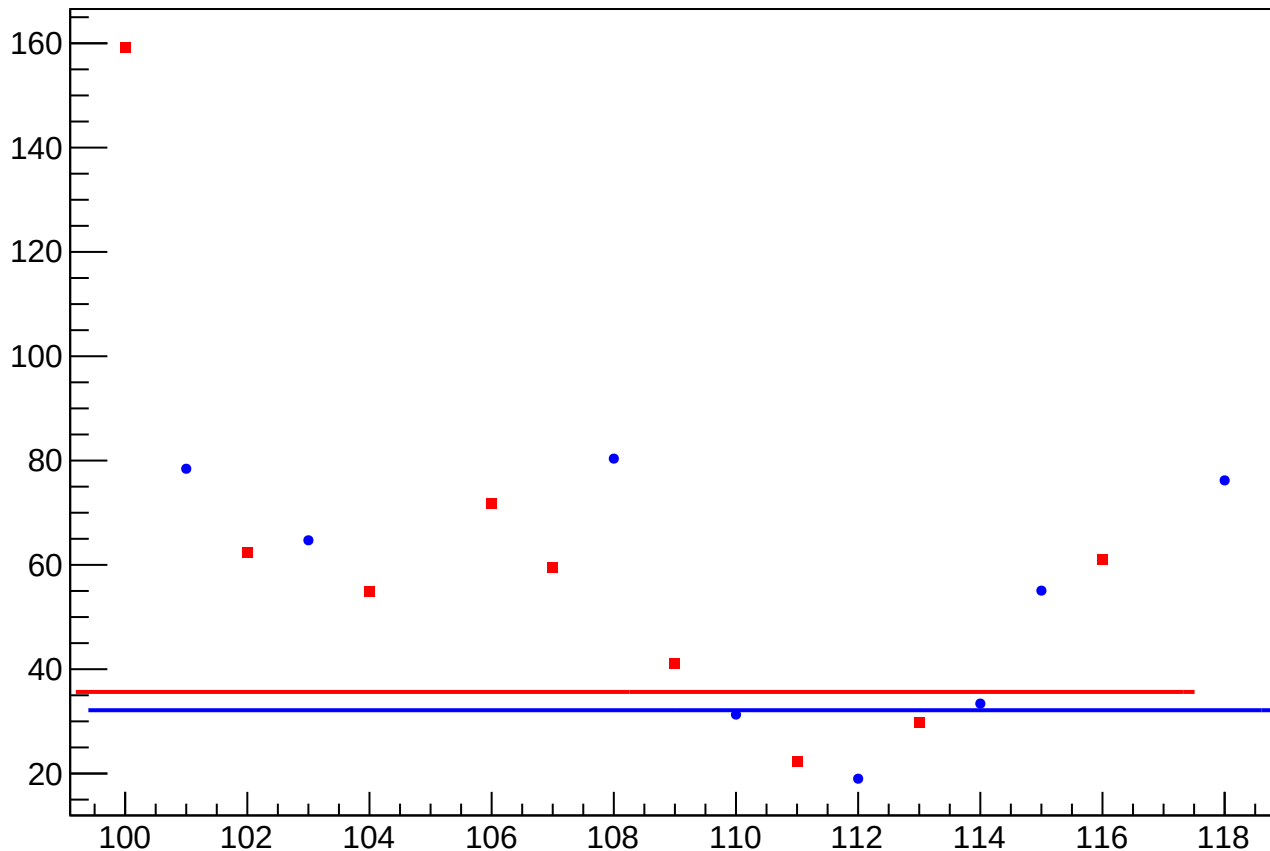
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 25.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 35.644+/-0.015 χ^2/NDF : 1072262.4/8

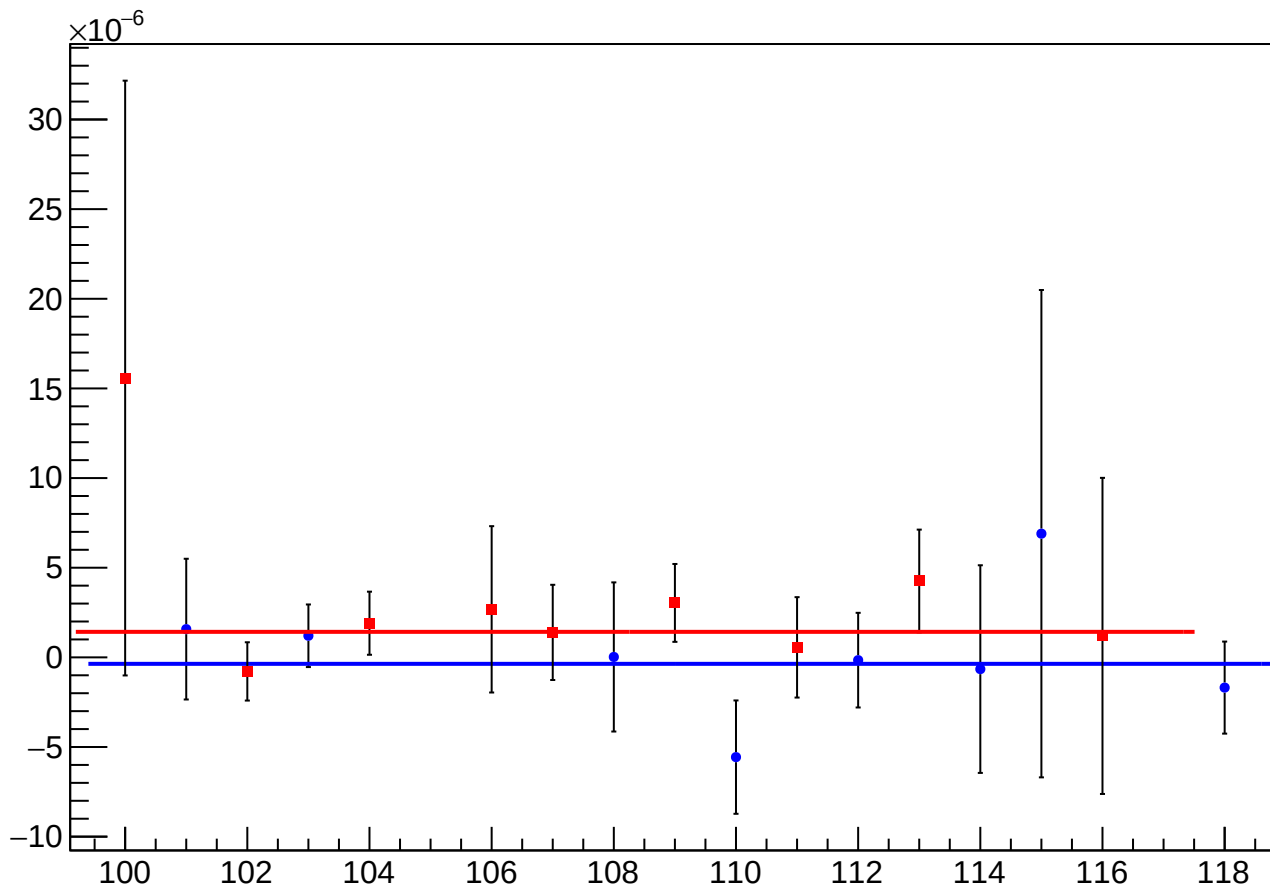
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.899+/-0.011 χ^2/NDF : 2899807.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 4.3/8

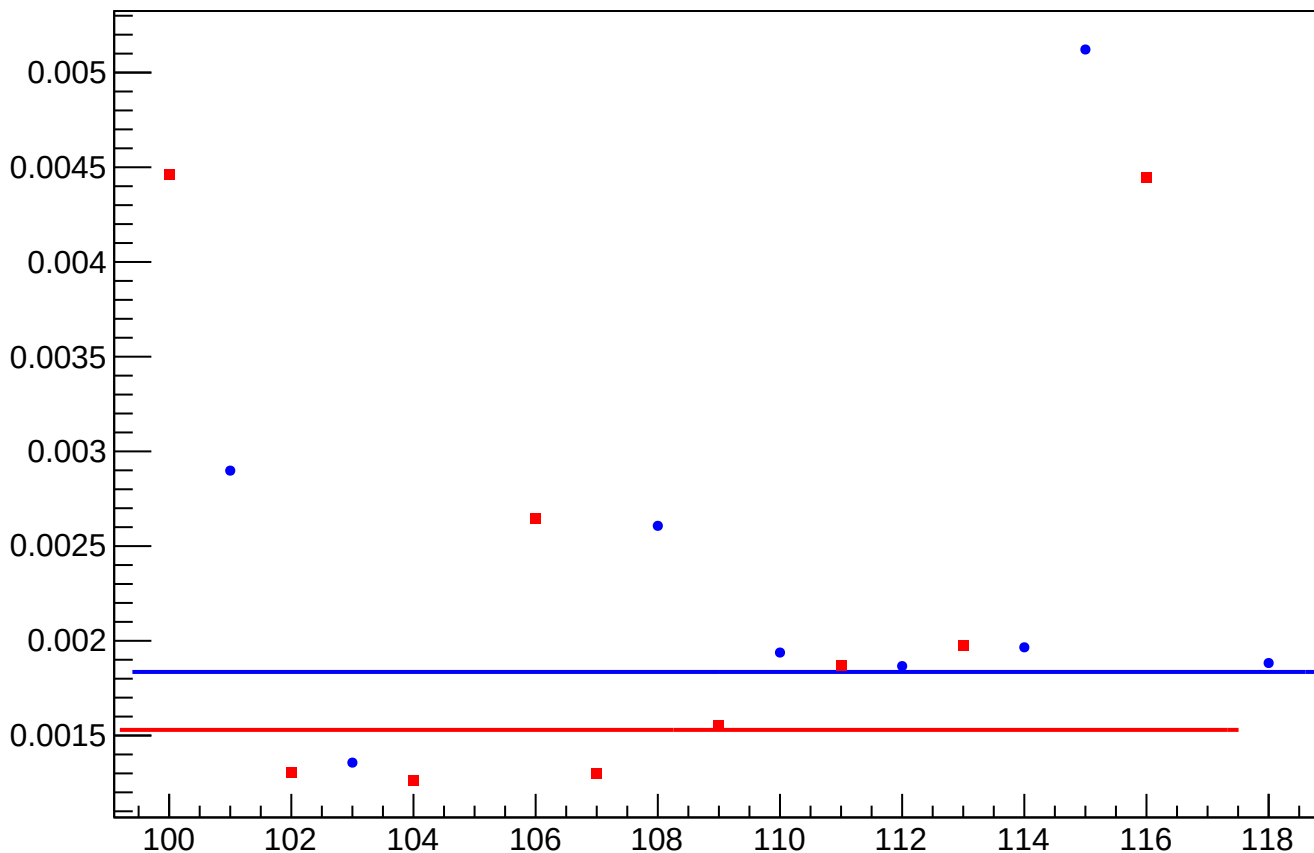
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 574454.0/8

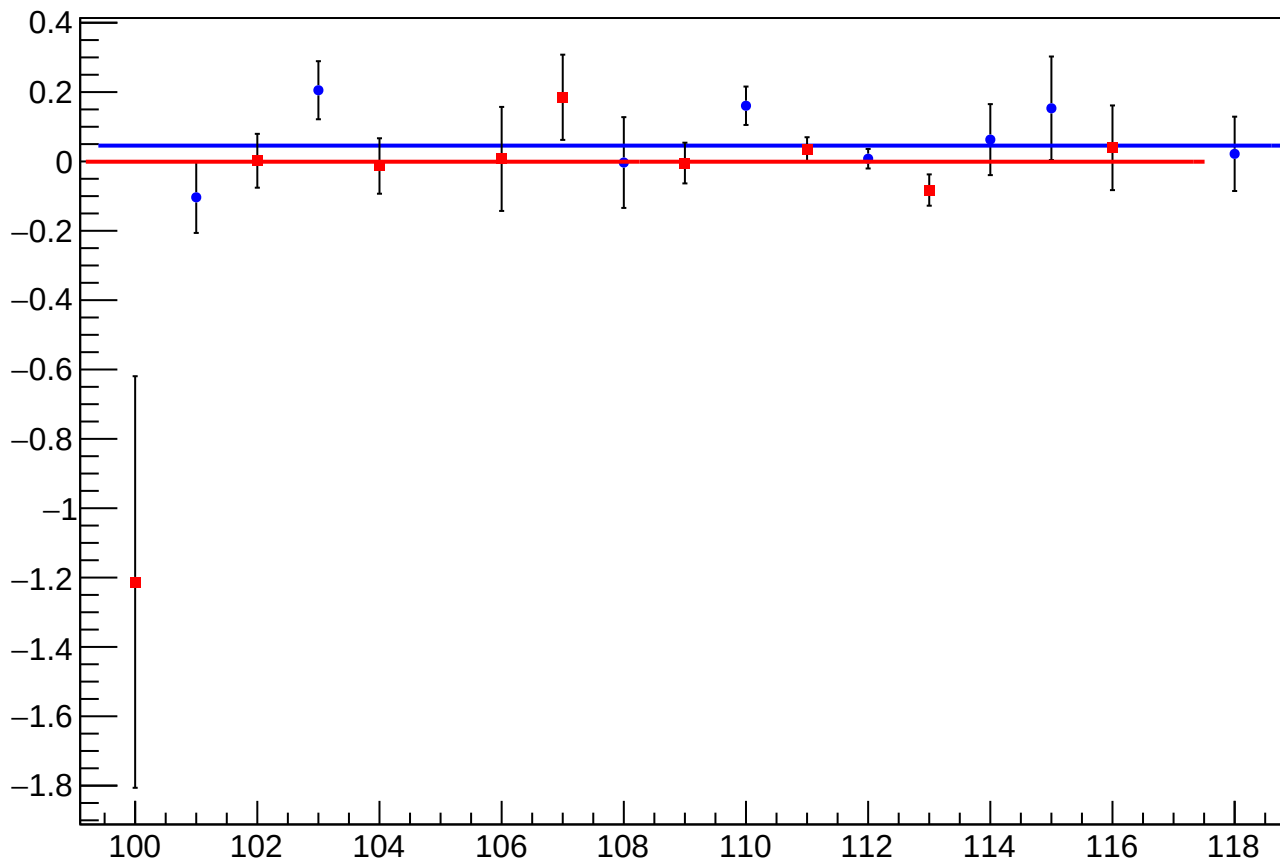
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1161640.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.022 χ^2 /NDF: 11.0/8

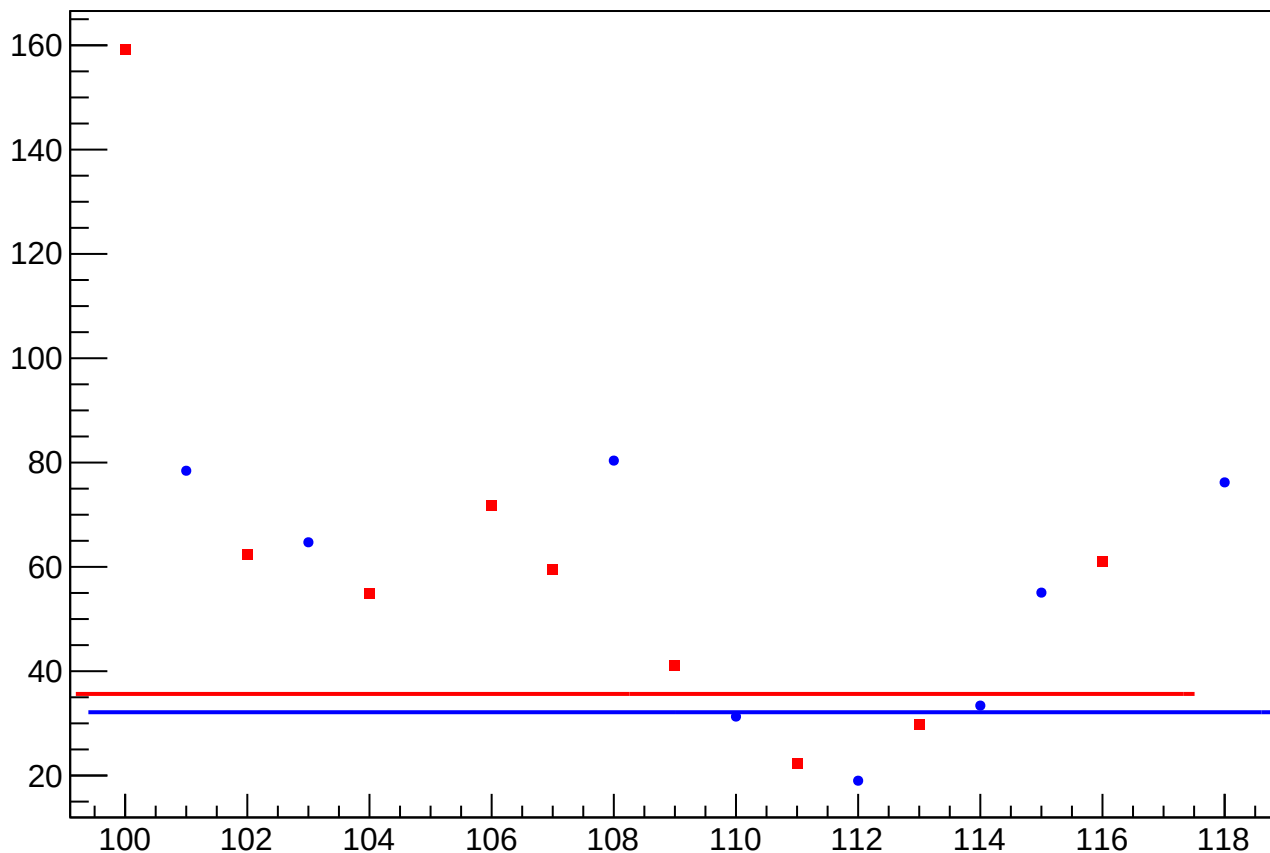
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 25.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 32.135 $\pm$ 0.015 χ^2 /NDF: 1801515.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.643 $\pm$ 0.015 χ^2 /NDF: 1072346.6/8

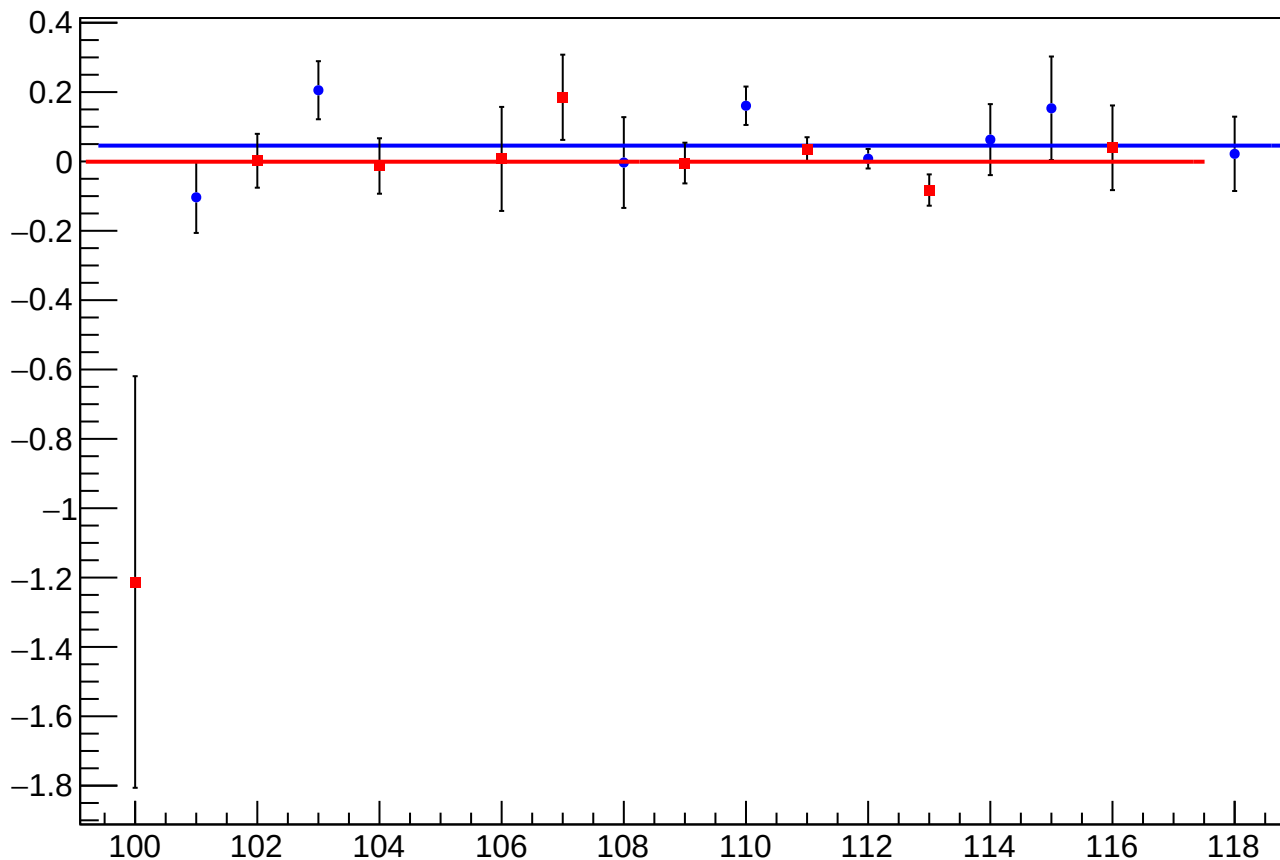
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.898 $\pm$ 0.011 χ^2 /NDF: 2899982.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.022 χ^2 /NDF: 11.0/8

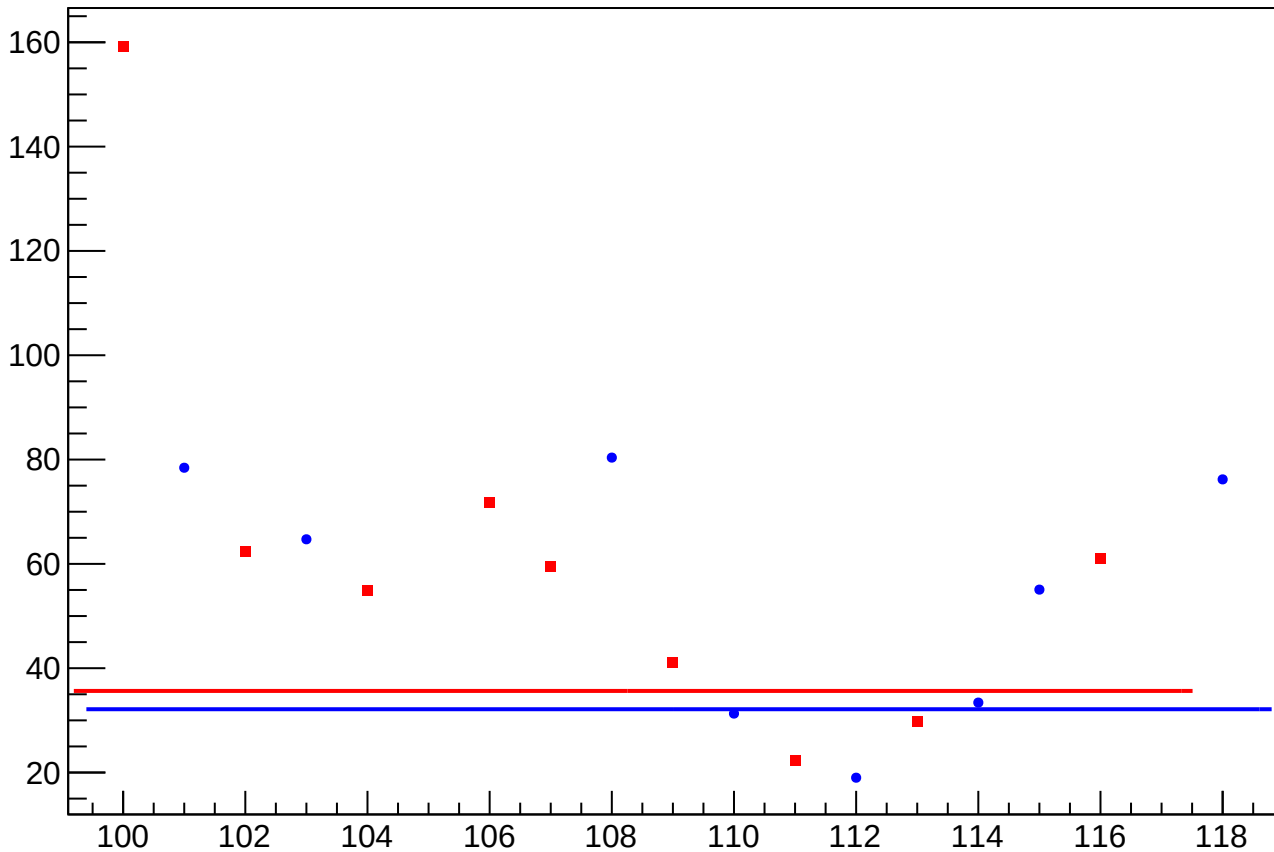
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.015 χ^2 /NDF: 25.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 35.643+/-0.015 χ^2/NDF : 1072346.6/8

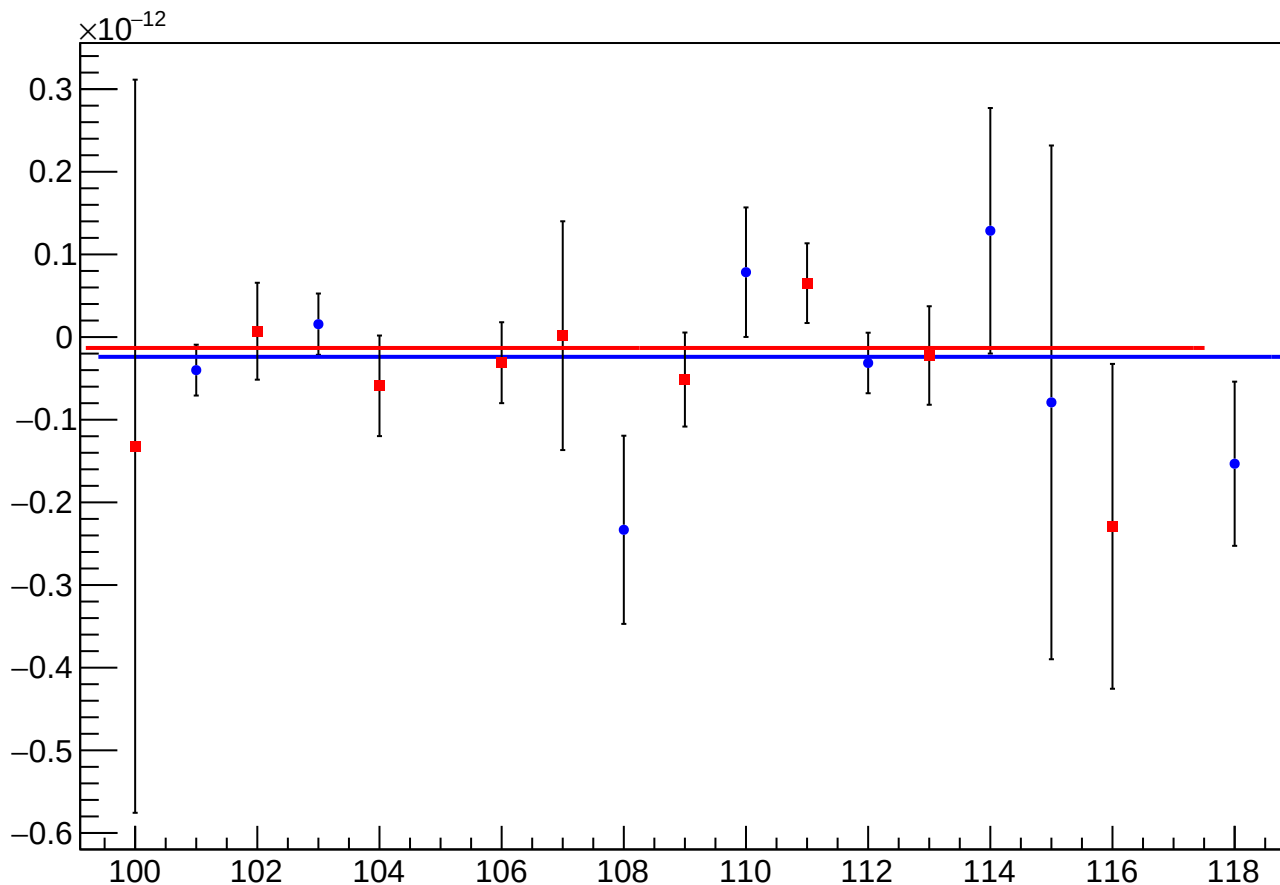
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.898+/-0.011 χ^2/NDF : 2899982.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 5.2/8

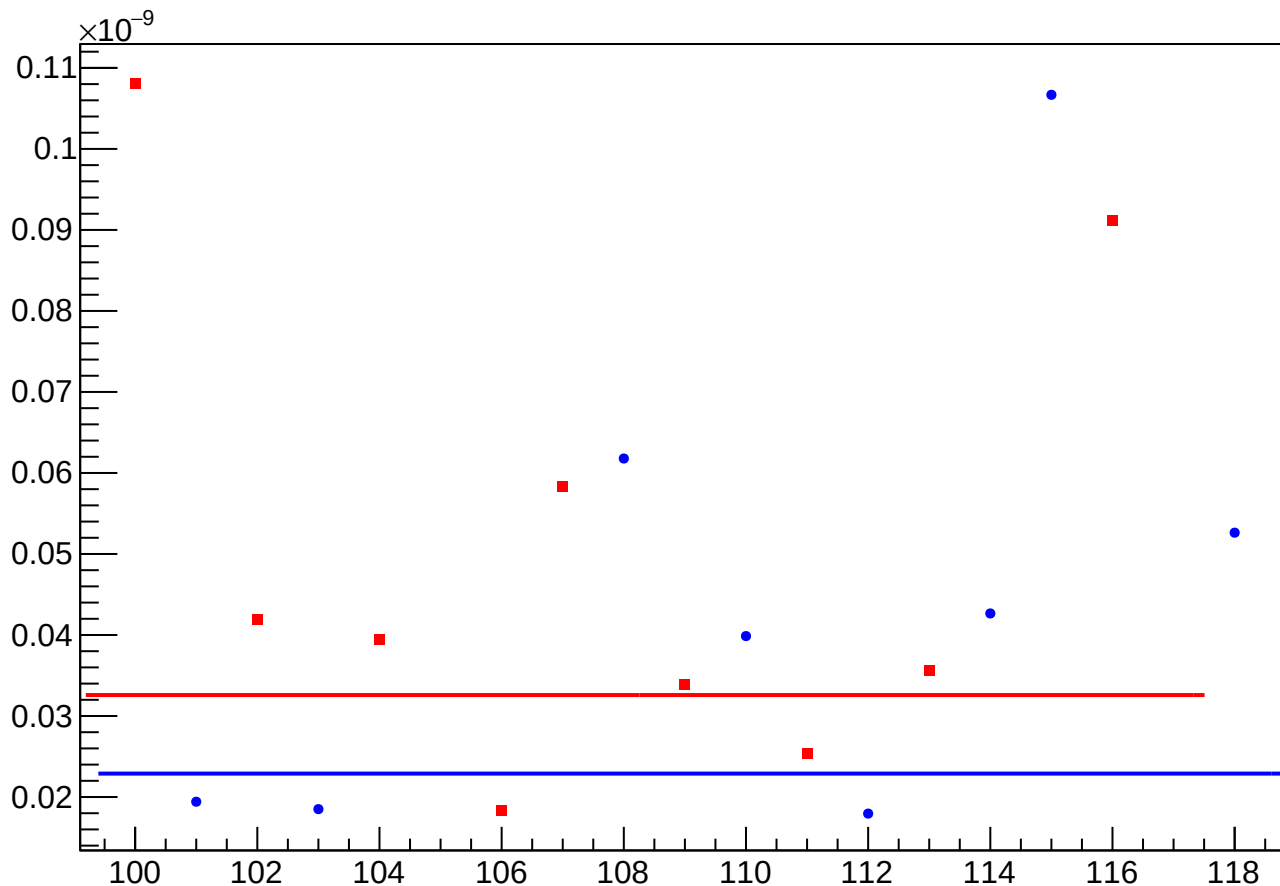
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 601326.2/8

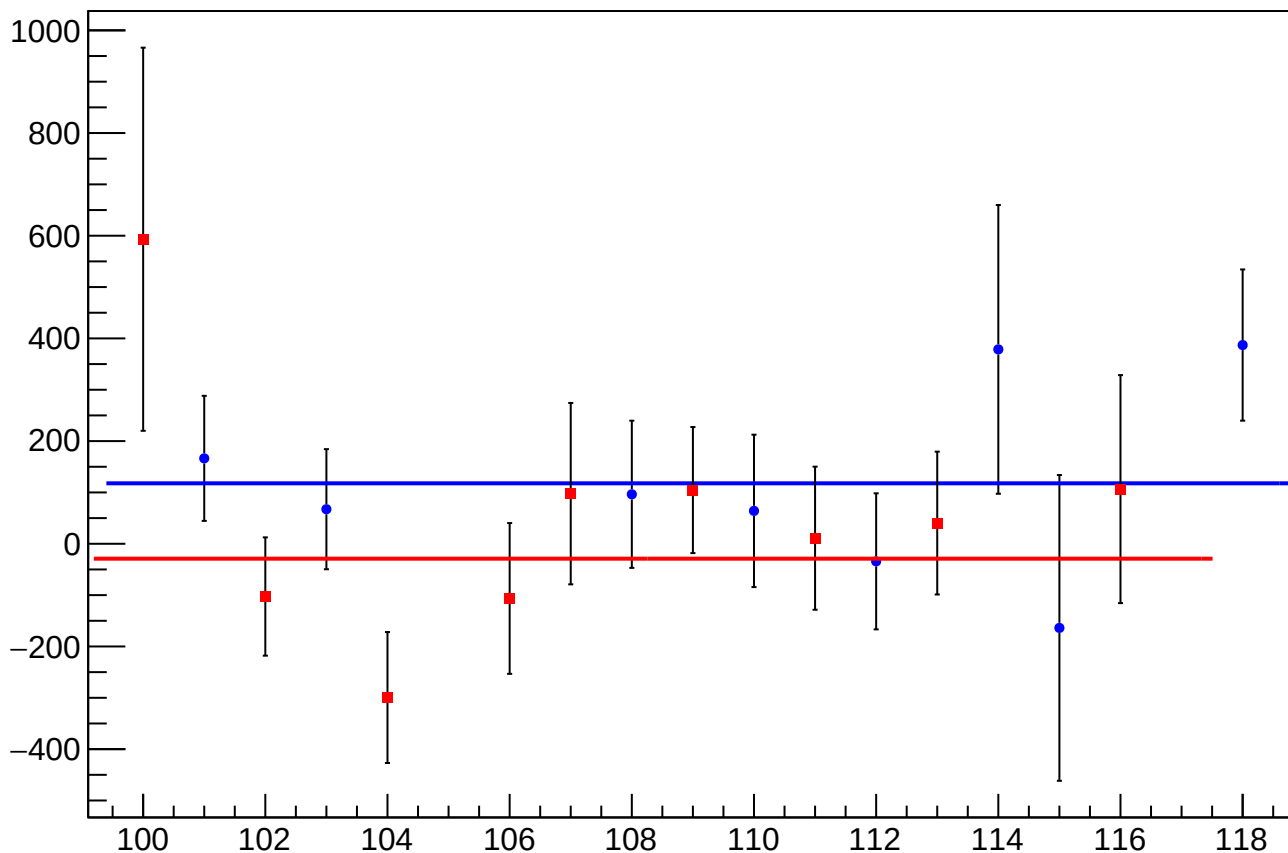
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1607300.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs Slug



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: -29.014 $\pm$ 49.251 χ^2 /NDF: 10.4/8

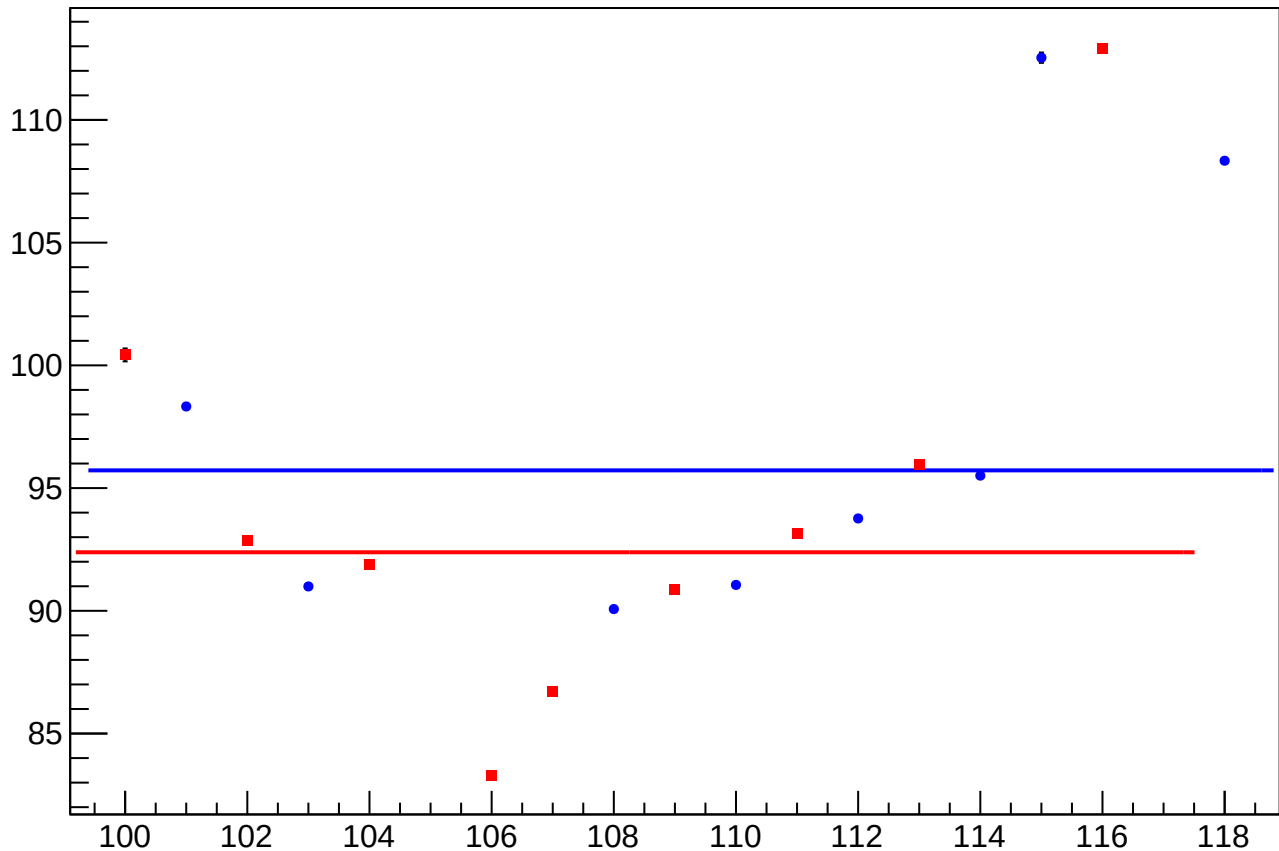
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.566 $\pm$ 35.948 χ^2 /NDF: 21.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_rms vs Slug



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: 92.385+/-0.035 χ^2/NDF : 29474.0/8

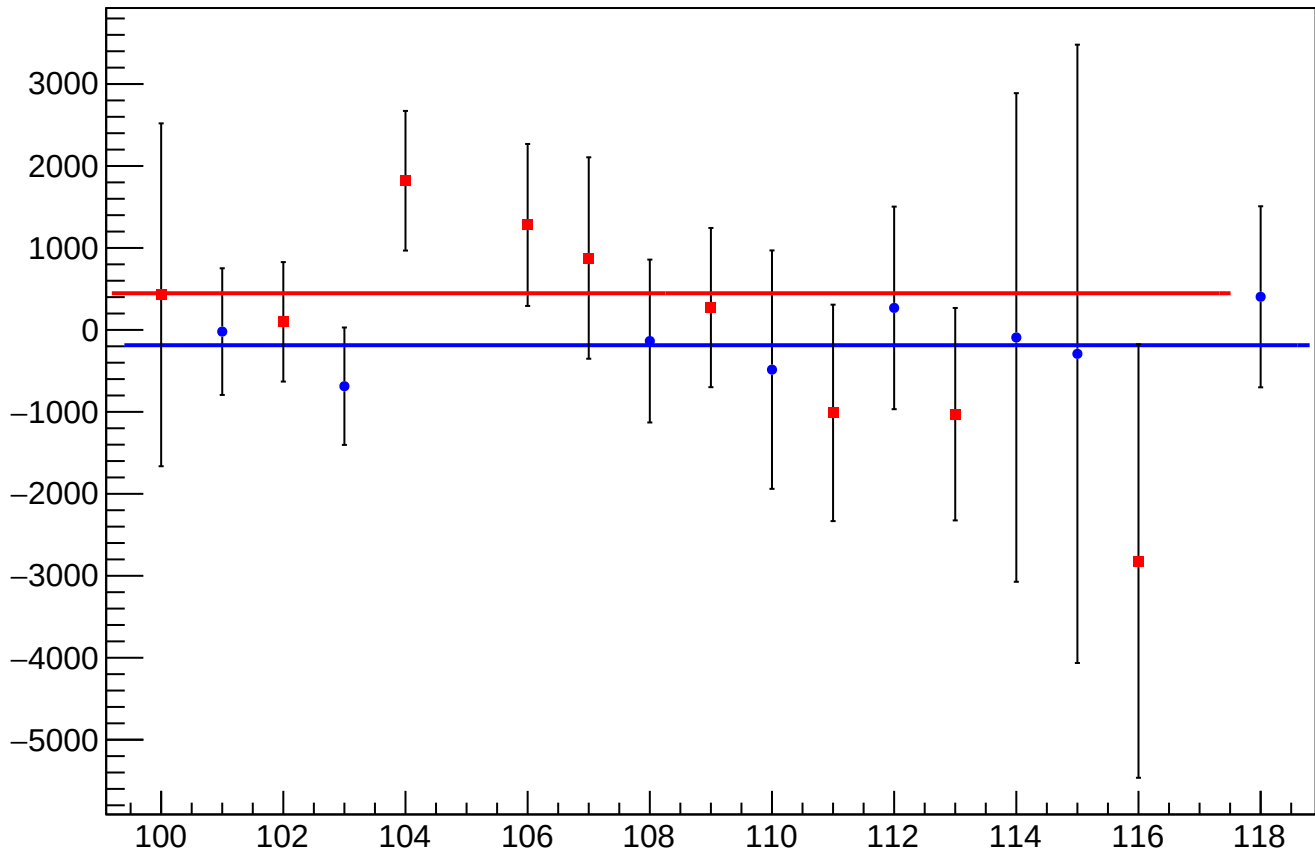
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 93.944+/-0.025 χ^2/NDF : 64523.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



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: 447.350+/-364.008 χ^2 /NDF: 7.7/8

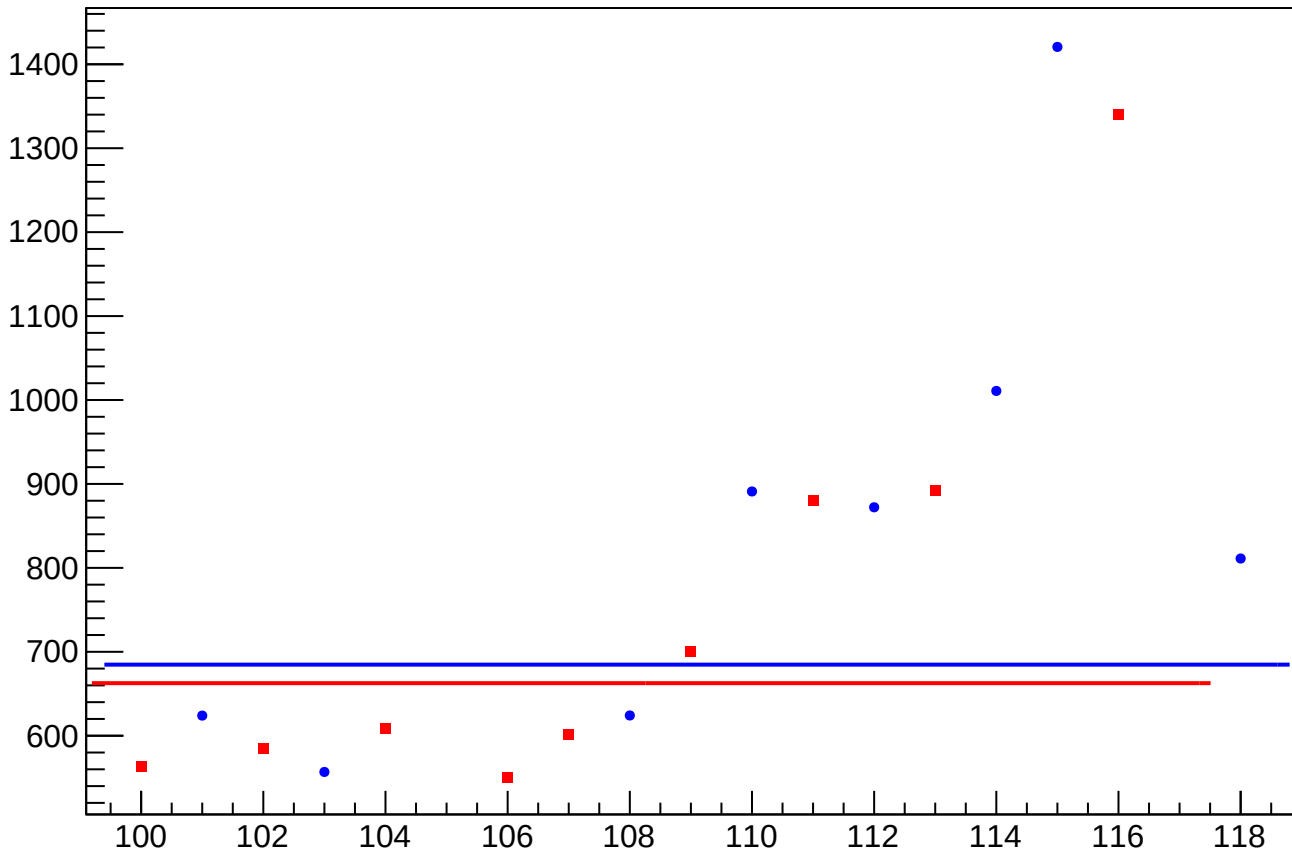
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147.582+/-264.311 χ^2 /NDF: 10.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 684.720 $\pm$ 0.272 χ^2 /NDF: 296078.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 662.648 $\pm$ 0.257 χ^2 /NDF: 316753.3/8

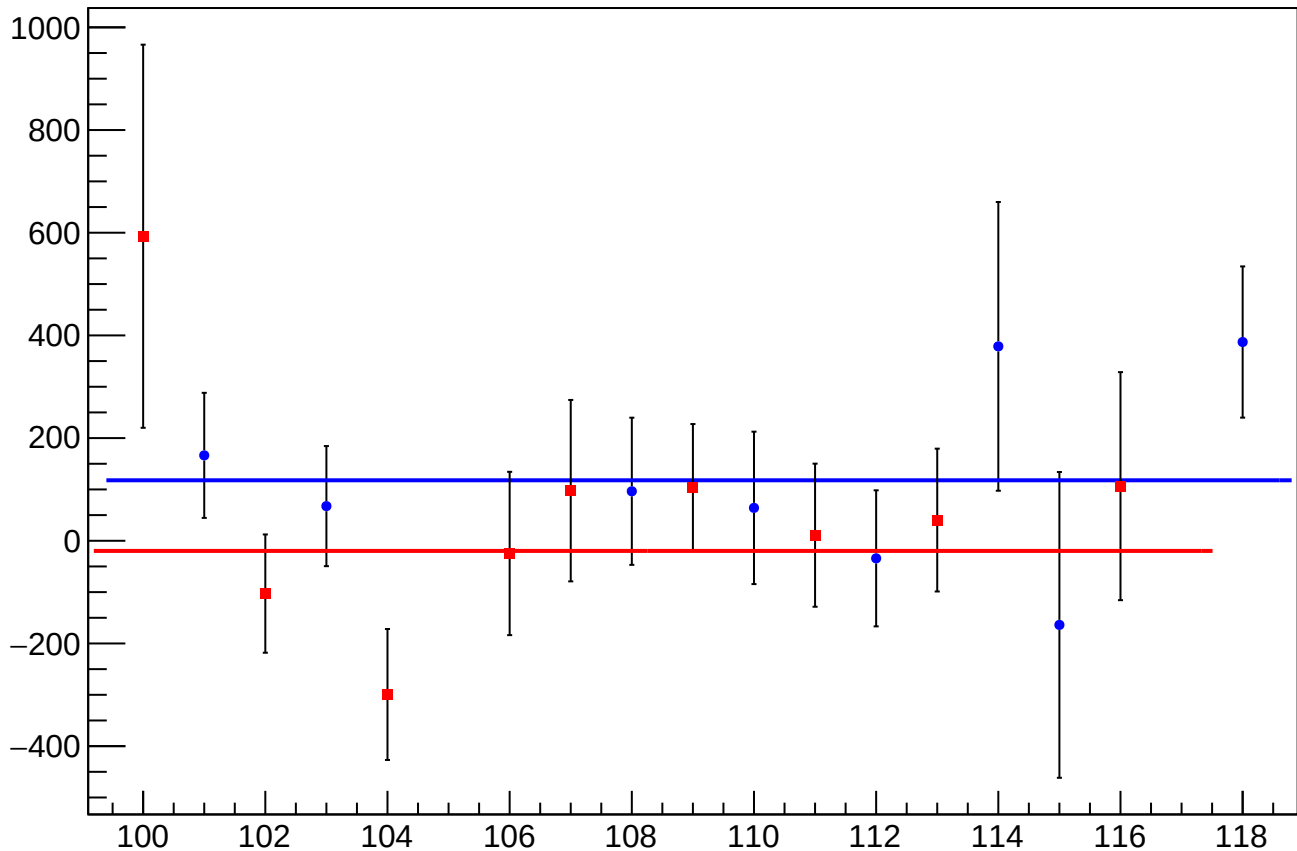
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 673.083 $\pm$ 0.187 χ^2 /NDF: 616307.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_dd_mean vs Slug



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: -19.750 $\pm$ 49.666 χ^2 /NDF: 10.1/8

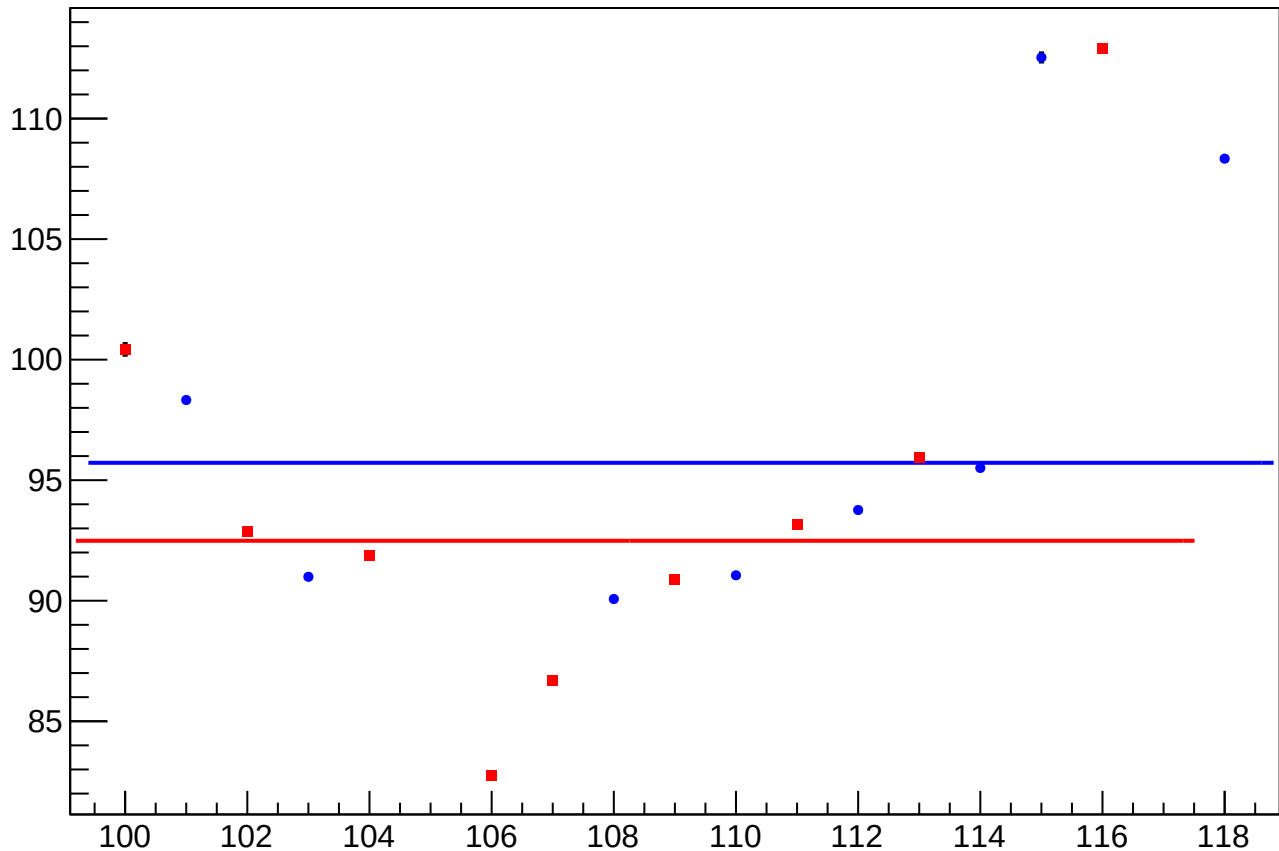
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.097 $\pm$ 36.108 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_dd_rms vs Slug



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: 92.487+/-0.035 χ^2/NDF : 29124.8/8

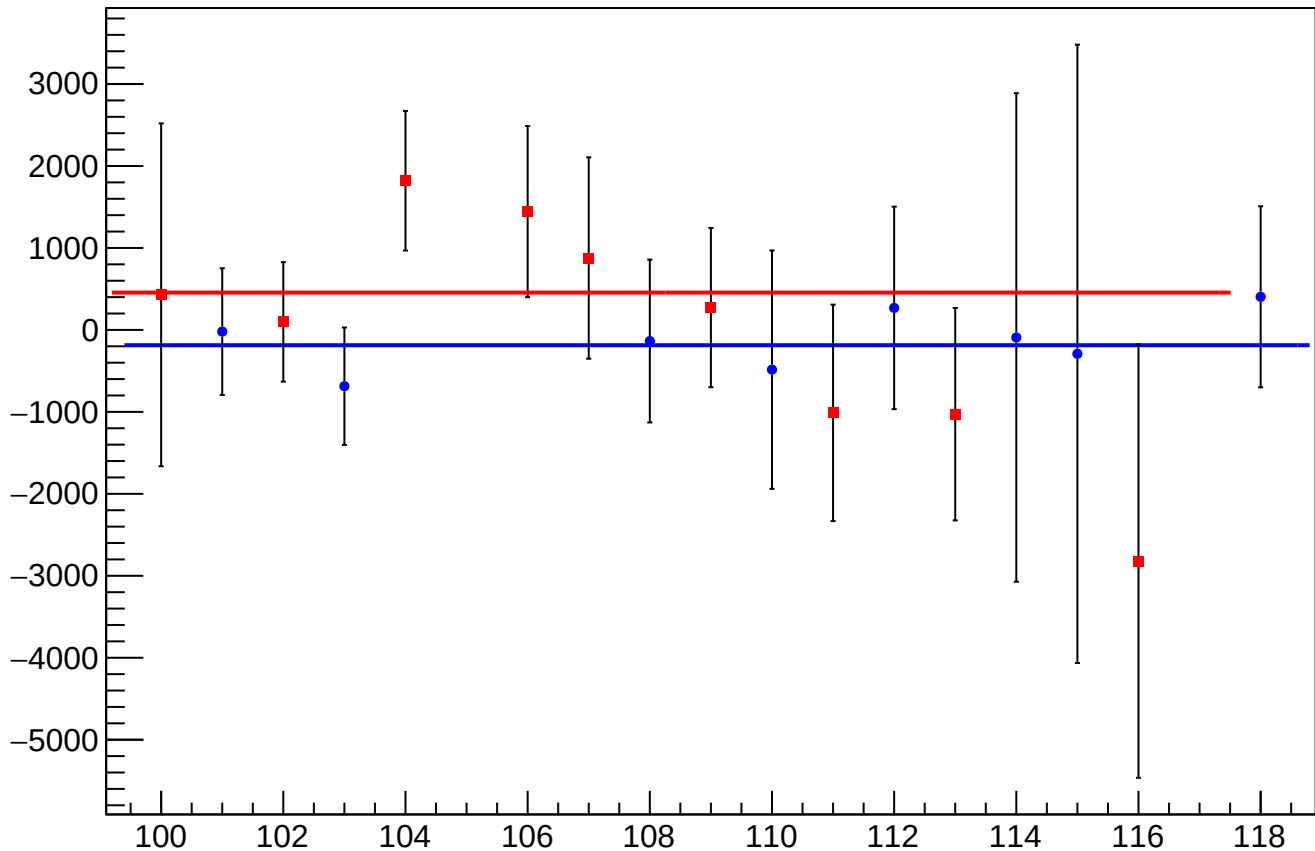
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.012+/-0.026 χ^2/NDF : 63883.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



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: 455.374+/-366.612 χ^2/NDF : 7.9/8

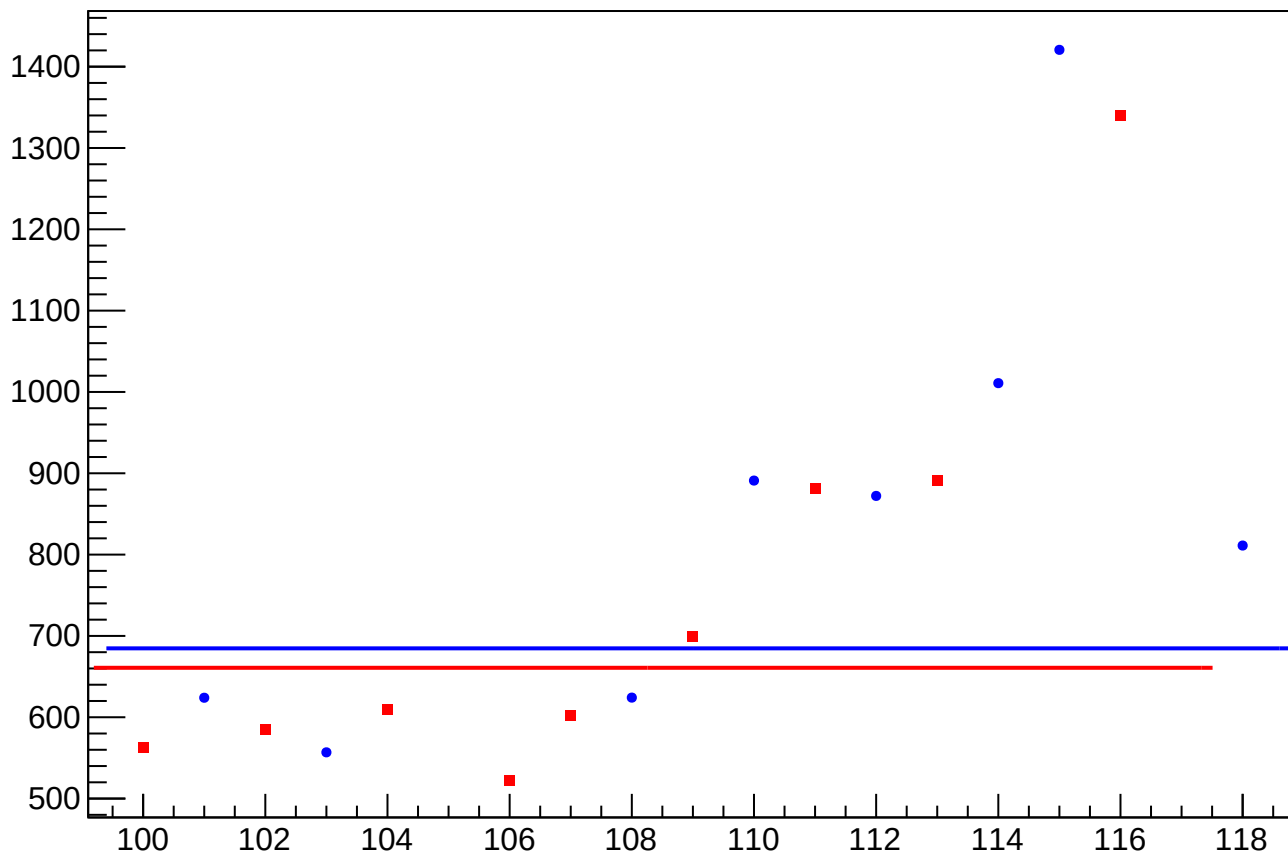
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.534+/-265.303 χ^2/NDF : 10.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



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: 660.816+/-0.259 χ^2/NDF : 326945.2/8

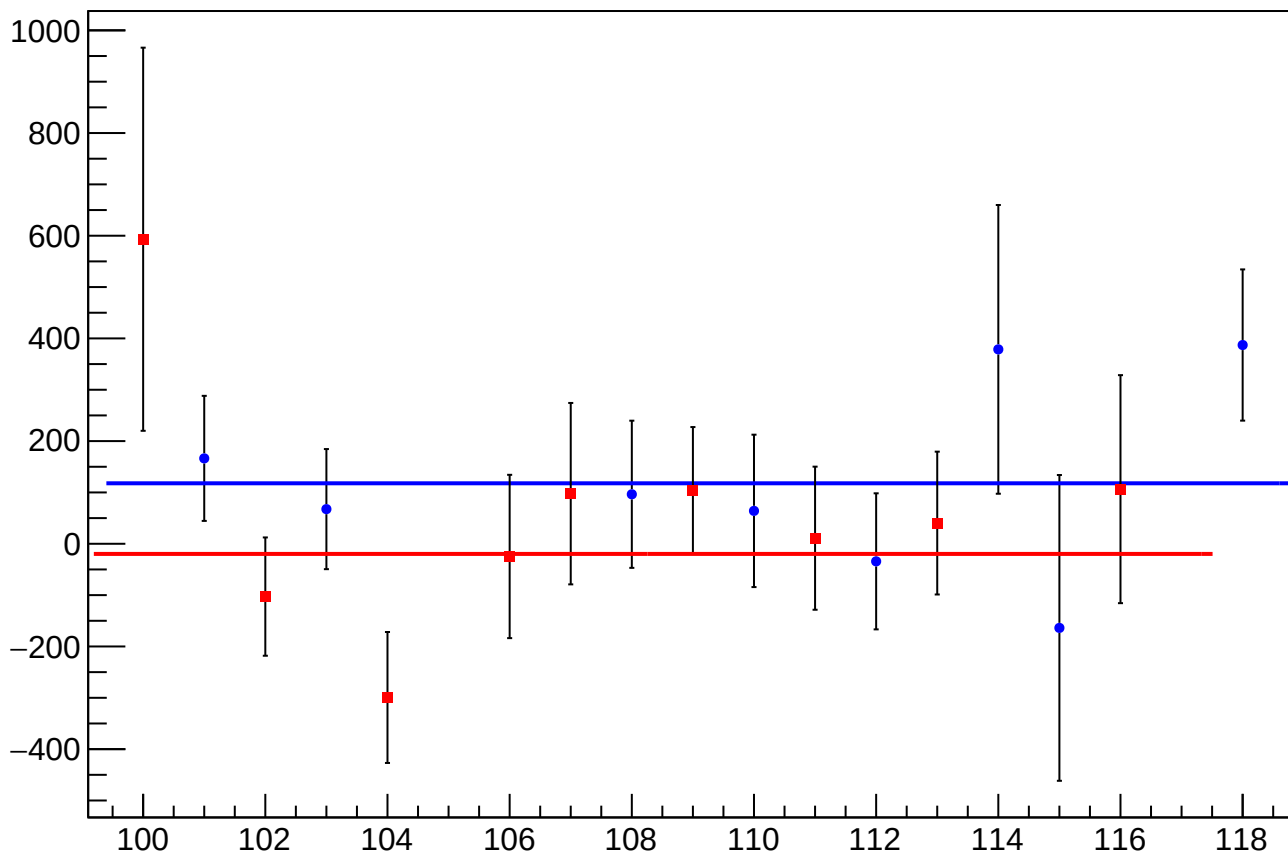
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.201+/-0.188 χ^2/NDF : 627076.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



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: -19.750 $\pm$ 49.666 χ^2 /NDF: 10.1/8

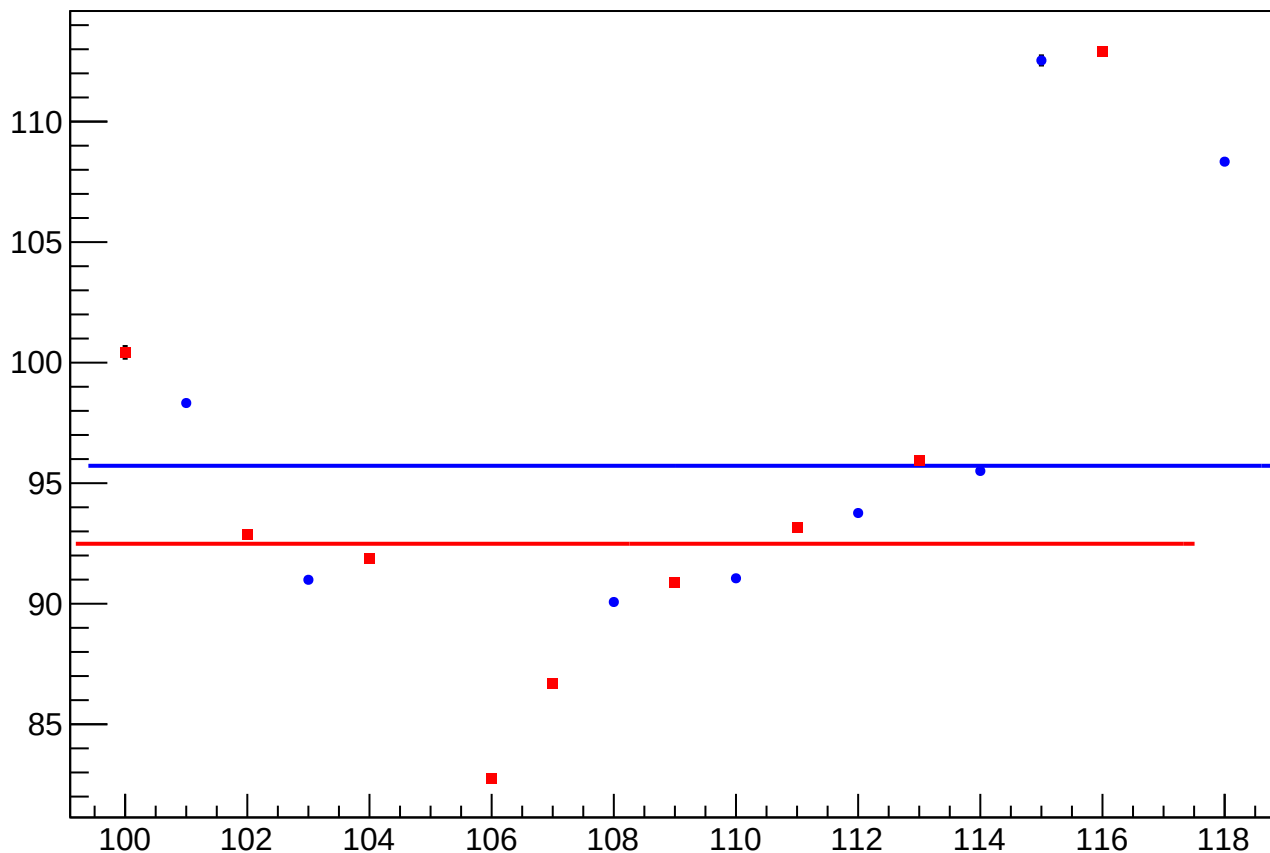
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.097 $\pm$ 36.108 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



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: 92.487+/-0.035 χ^2/NDF : 29124.8/8

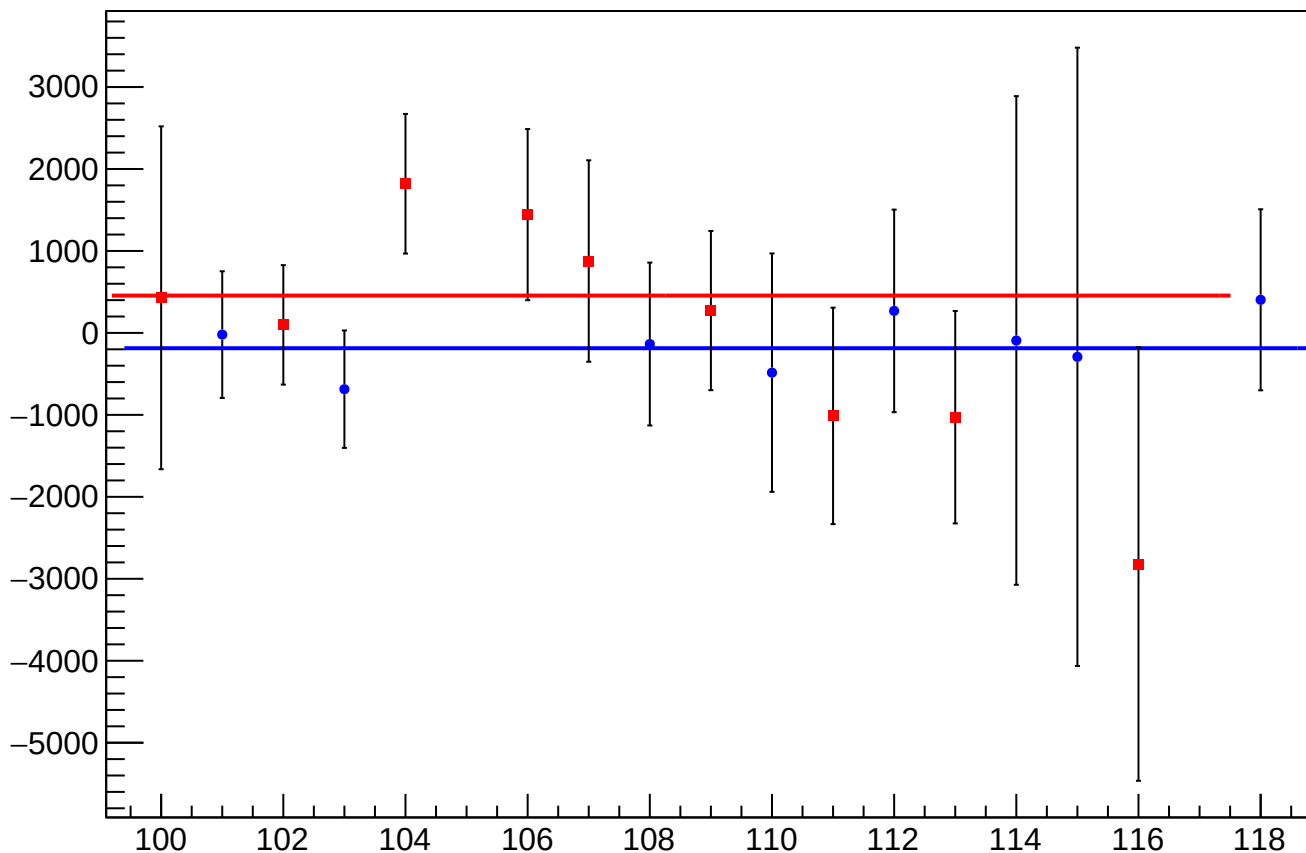
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.012+/-0.026 χ^2/NDF : 63883.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



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: 455.374+/-366.612 χ^2/NDF : 7.9/8

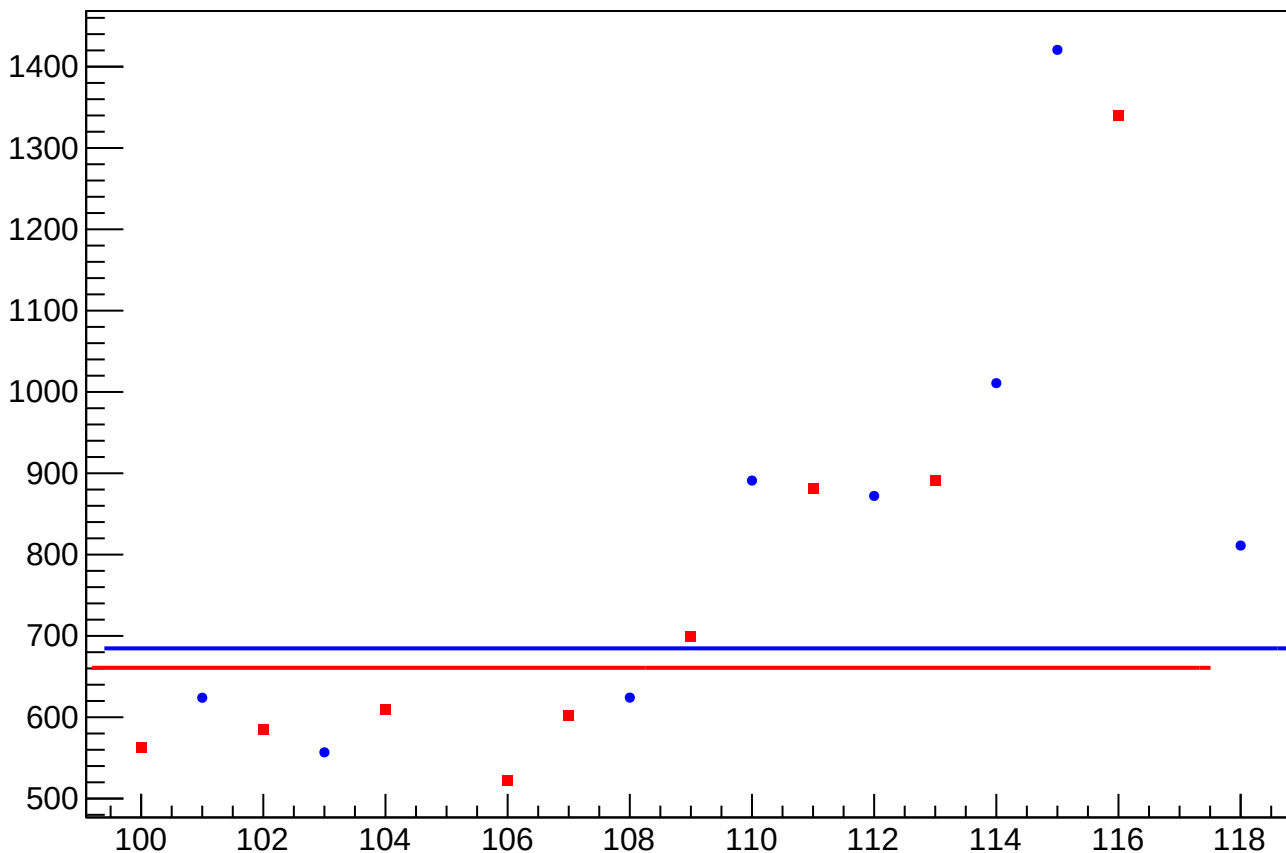
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.534+/-265.303 χ^2/NDF : 10.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



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: 660.816+/-0.259 χ^2/NDF : 326945.2/8

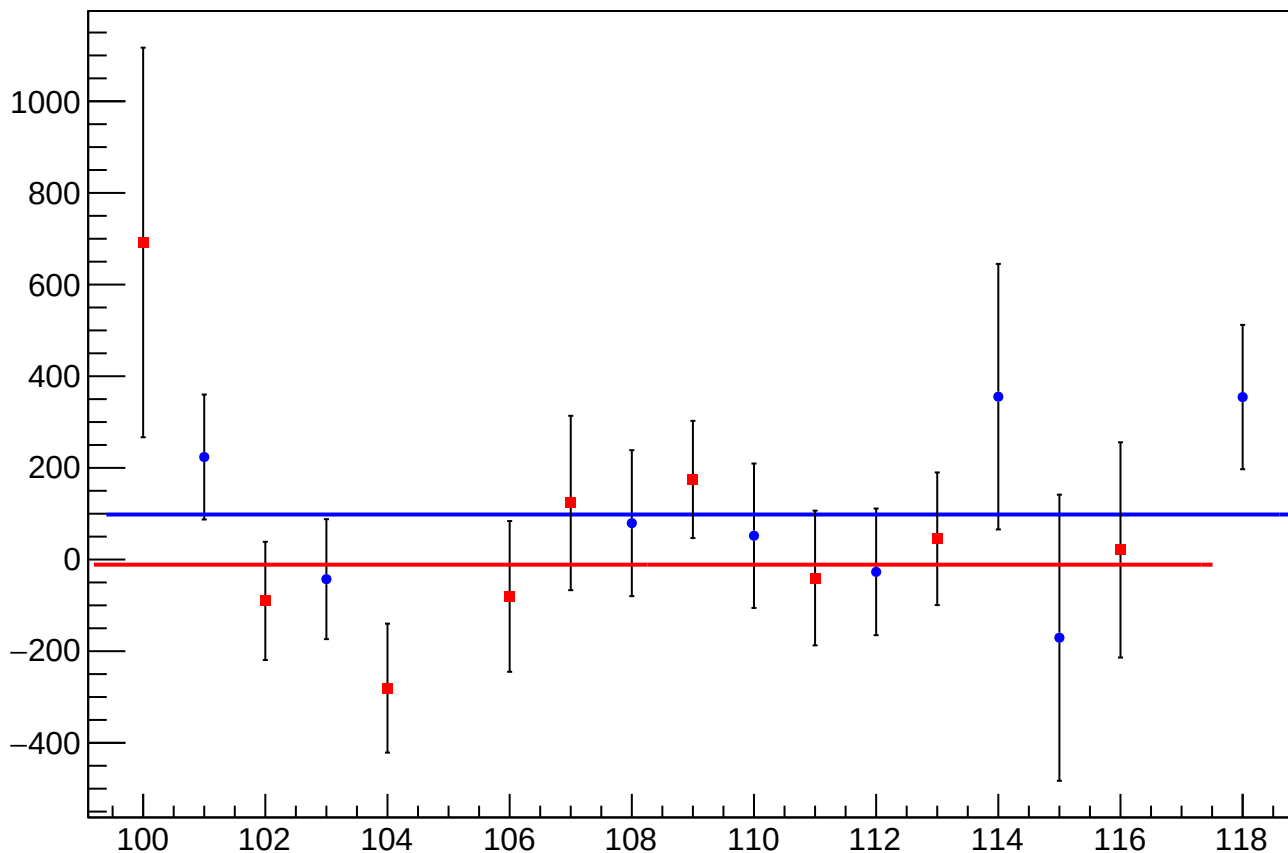
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.201+/-0.188 χ^2/NDF : 627076.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 98.244 $\pm$ 57.095 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.213 $\pm$ 53.145 χ^2 /NDF: 9.8/8

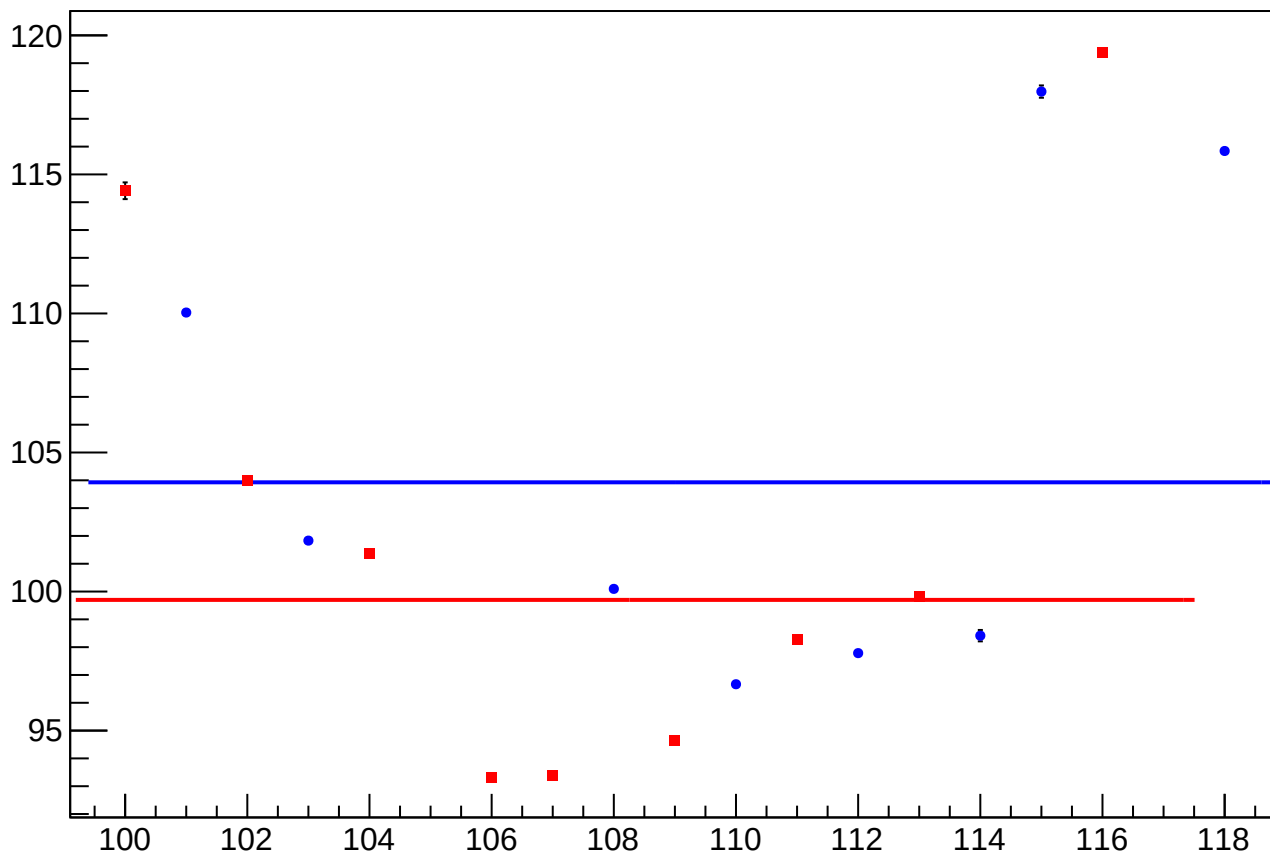
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.599 $\pm$ 38.901 χ^2 /NDF: 18.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 103.928 $\pm$ 0.040 χ^2 /NDF: 30105.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.700 $\pm$ 0.038 χ^2 /NDF: 27481.9/8

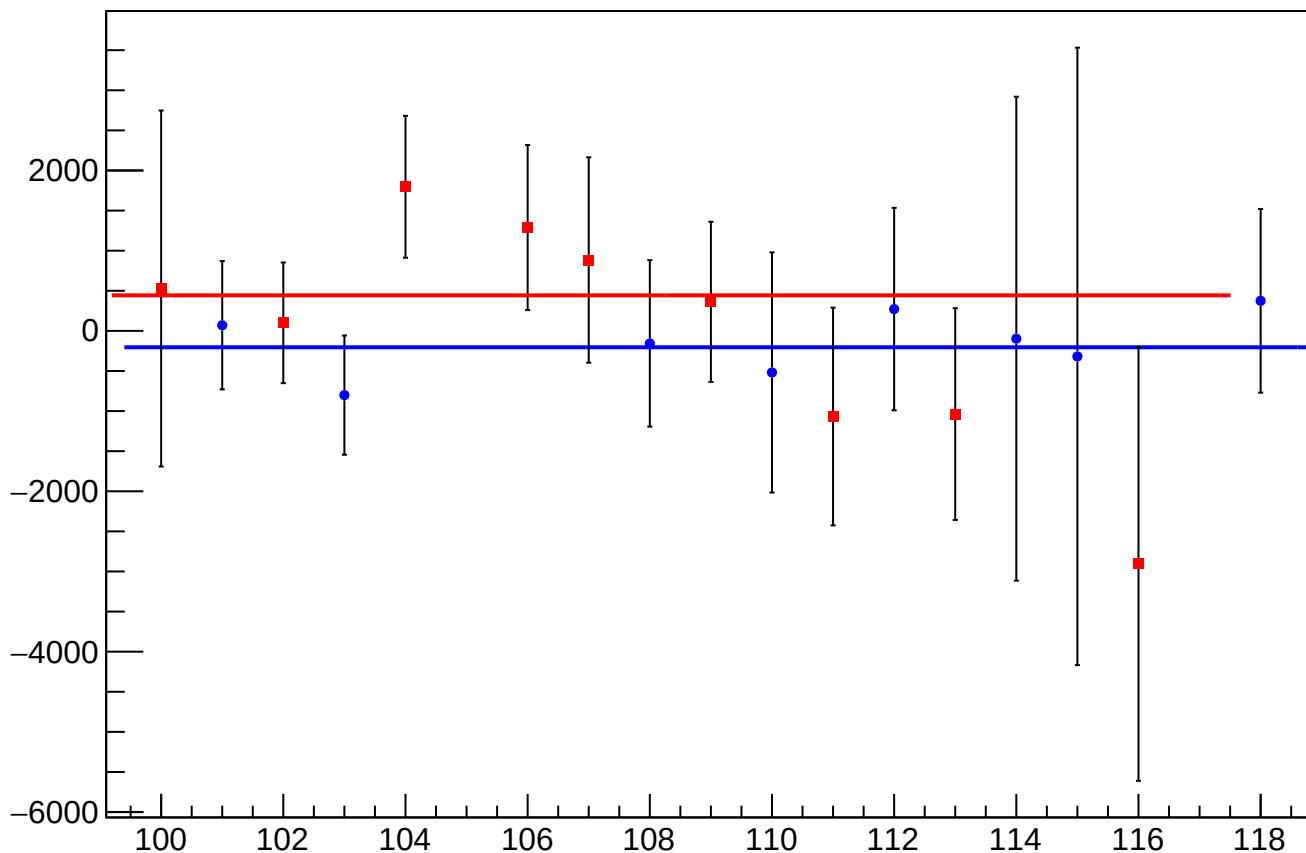
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.663 $\pm$ 0.028 χ^2 /NDF: 63463.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



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: 443.097+/-376.378 χ^2/NDF : 7.4/8

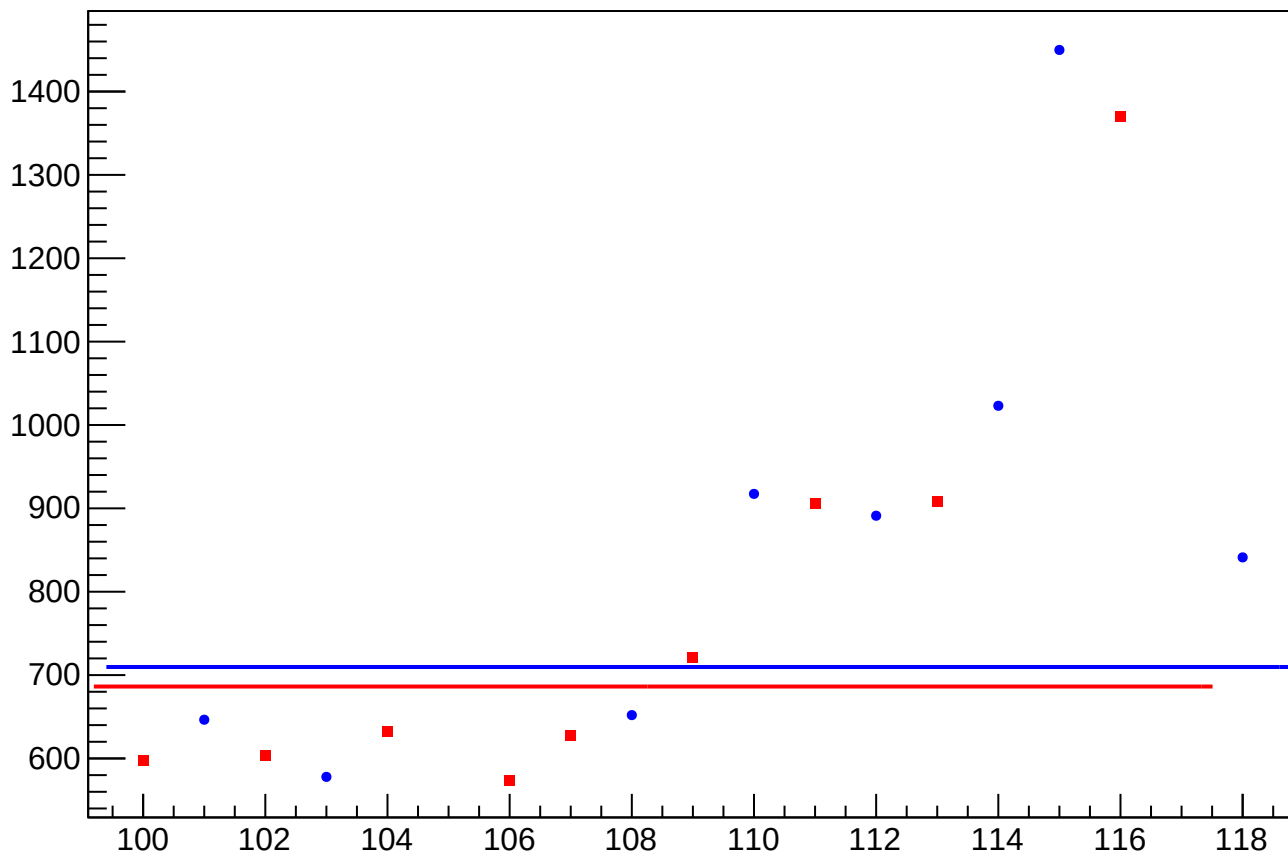
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.331+/-273.441 χ^2/NDF : 10.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 709.713 $\pm$ 0.281 χ^2 /NDF: 283244.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 686.273 $\pm$ 0.266 χ^2 /NDF: 301490.1/8

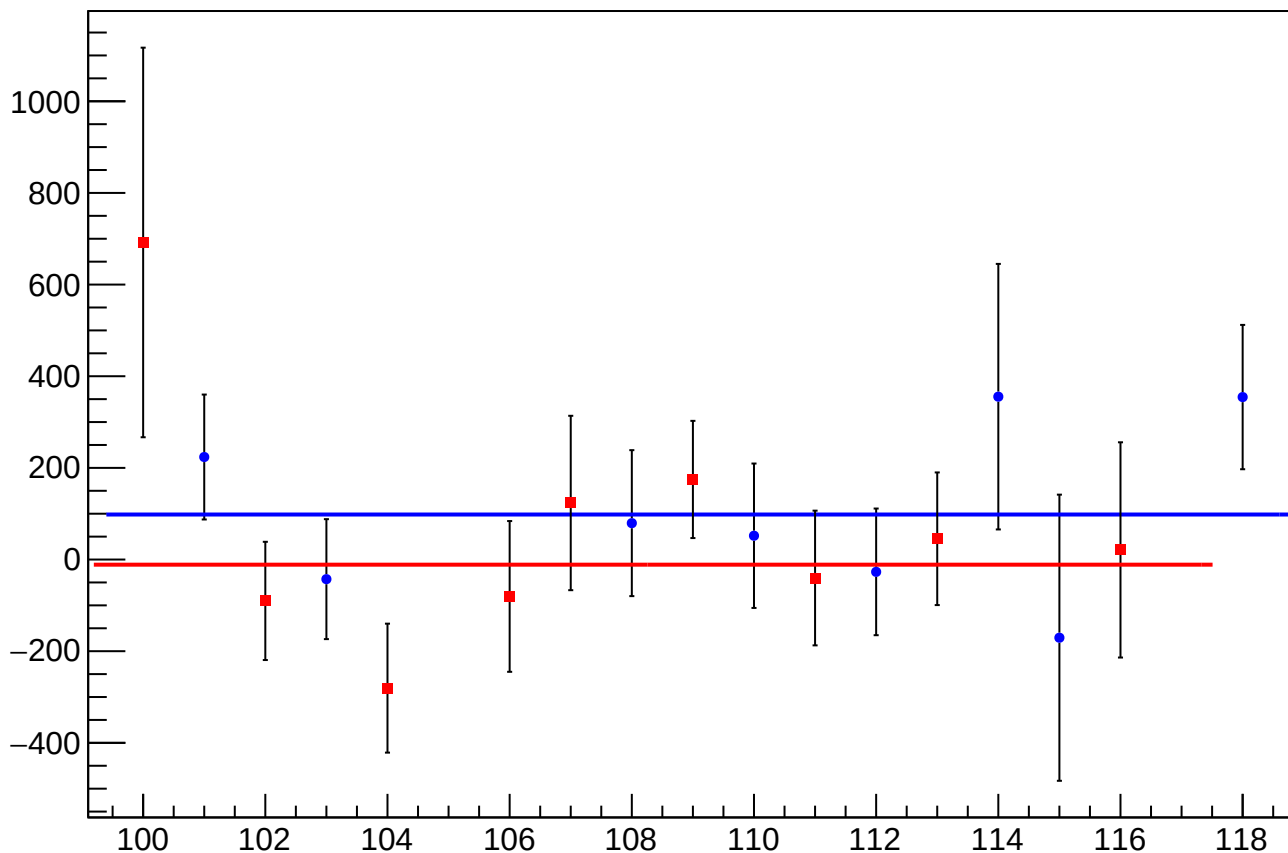
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 697.341 $\pm$ 0.193 χ^2 /NDF: 588397.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 98.244 $\pm$ 57.095 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.213 $\pm$ 53.145 χ^2 /NDF: 9.8/8

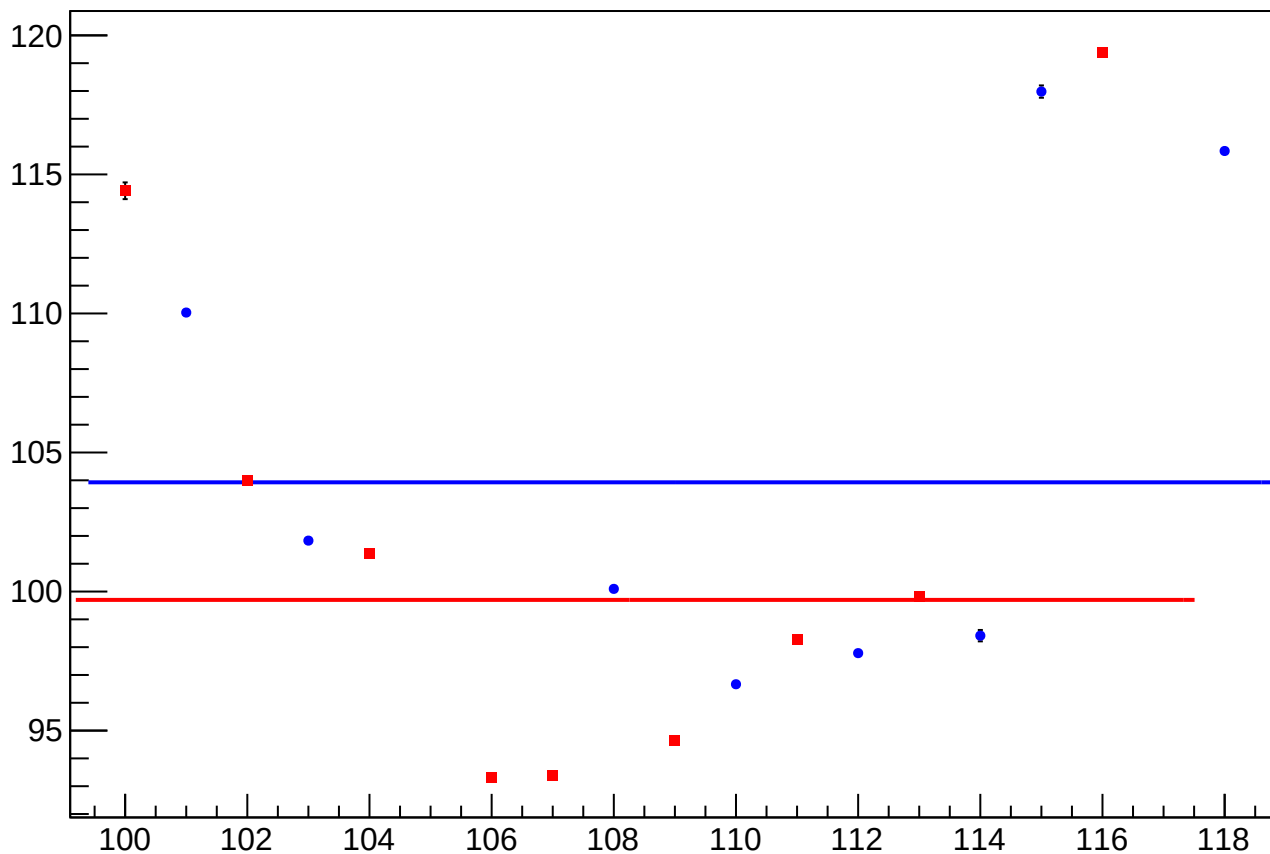
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.599 $\pm$ 38.901 χ^2 /NDF: 18.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 103.928 $\pm$ 0.040 χ^2 /NDF: 30105.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.700 $\pm$ 0.038 χ^2 /NDF: 27482.1/8

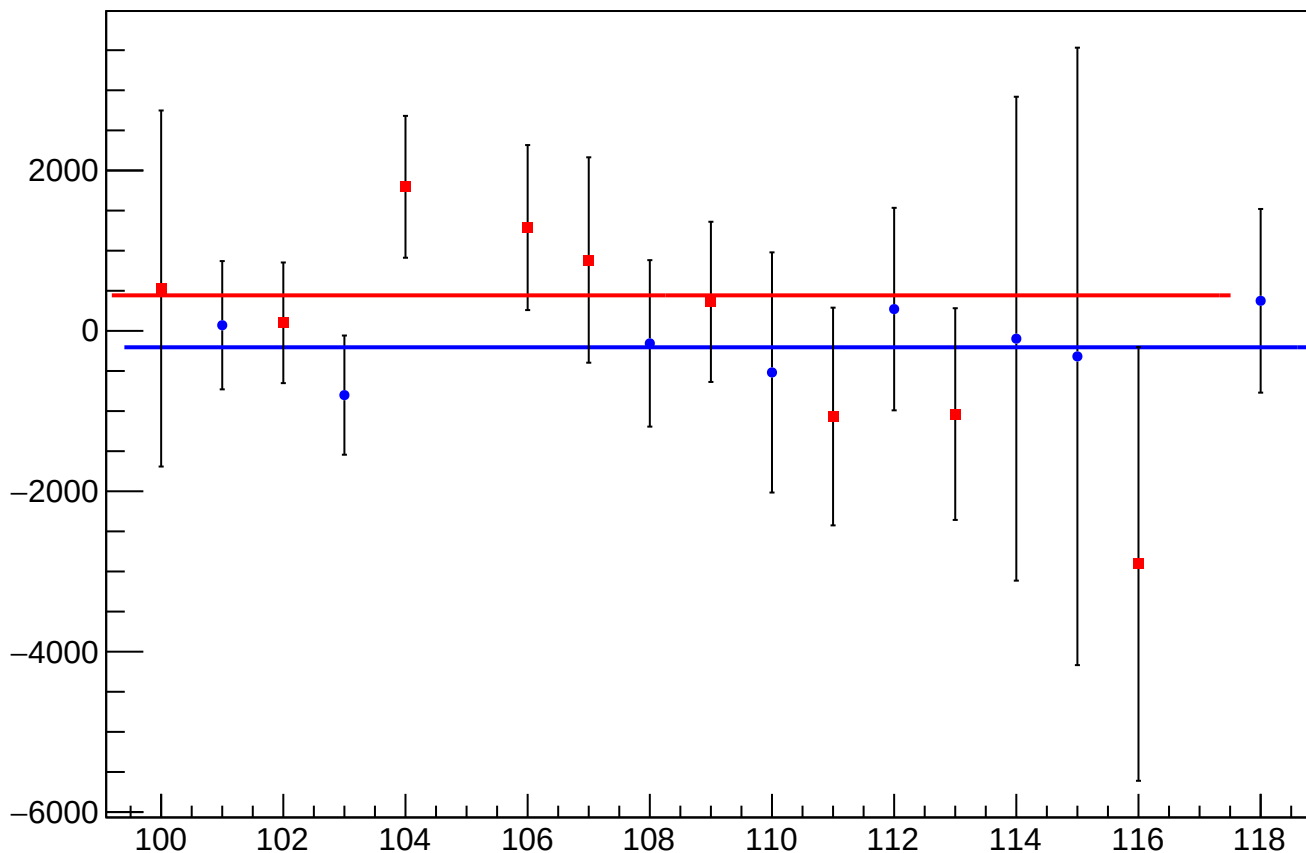
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.662 $\pm$ 0.028 χ^2 /NDF: 63463.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



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: 443.097+/-376.378 χ^2 /NDF: 7.4/8

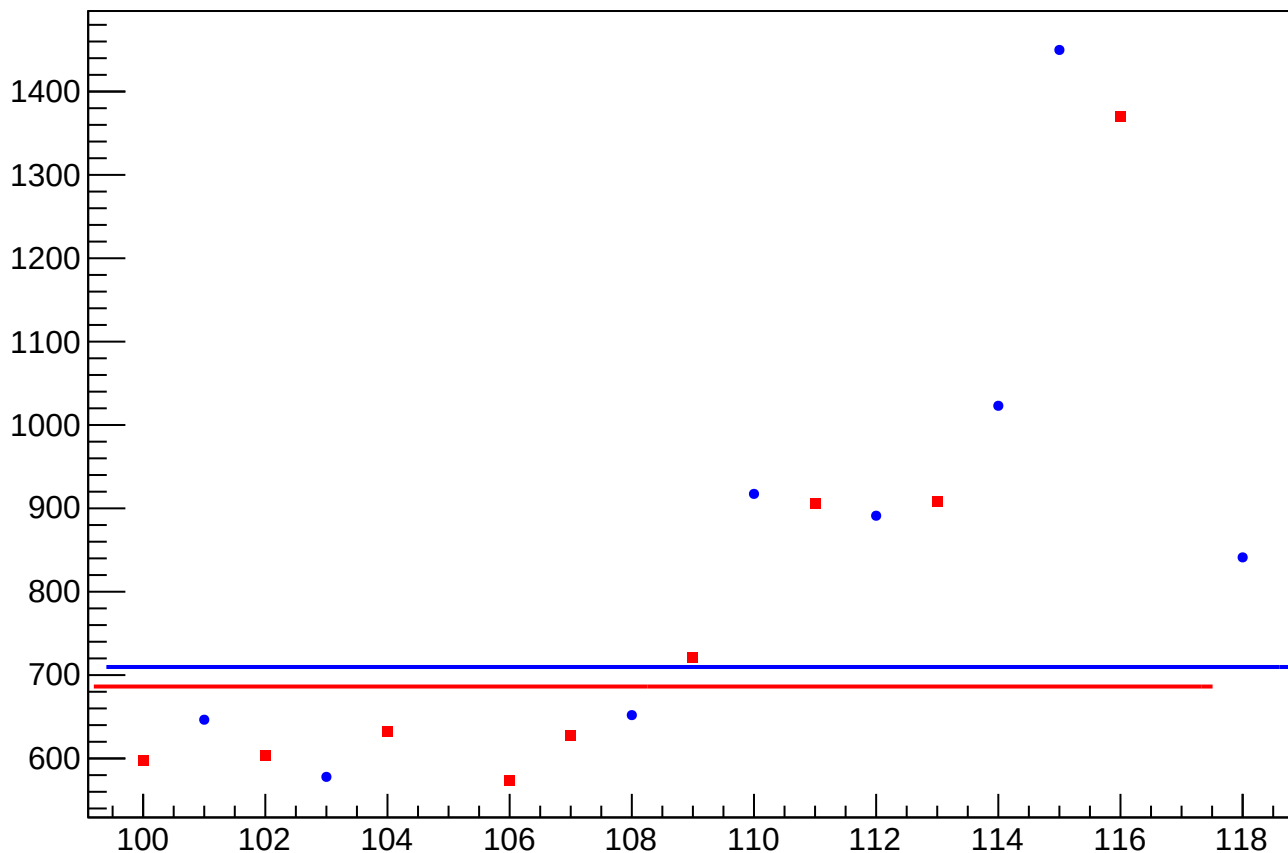
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 137.332+/-273.441 χ^2 /NDF: 10.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 709.712 $\pm$ 0.281 χ^2 /NDF: 283243.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 686.273 $\pm$ 0.266 χ^2 /NDF: 301489.9/8

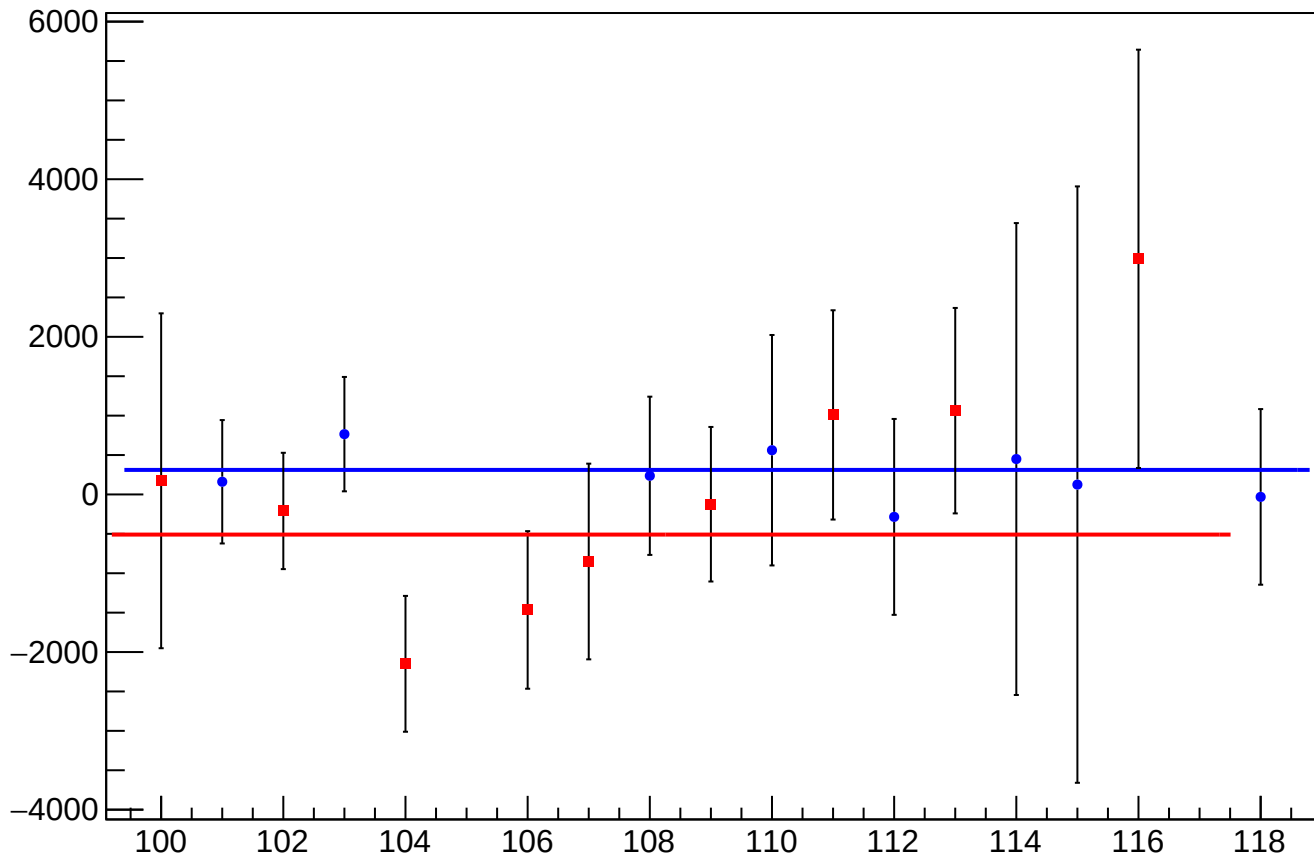
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 697.340 $\pm$ 0.193 χ^2 /NDF: 588396.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



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: -509.421+/-367.865 χ^2/NDF : 9.5/8

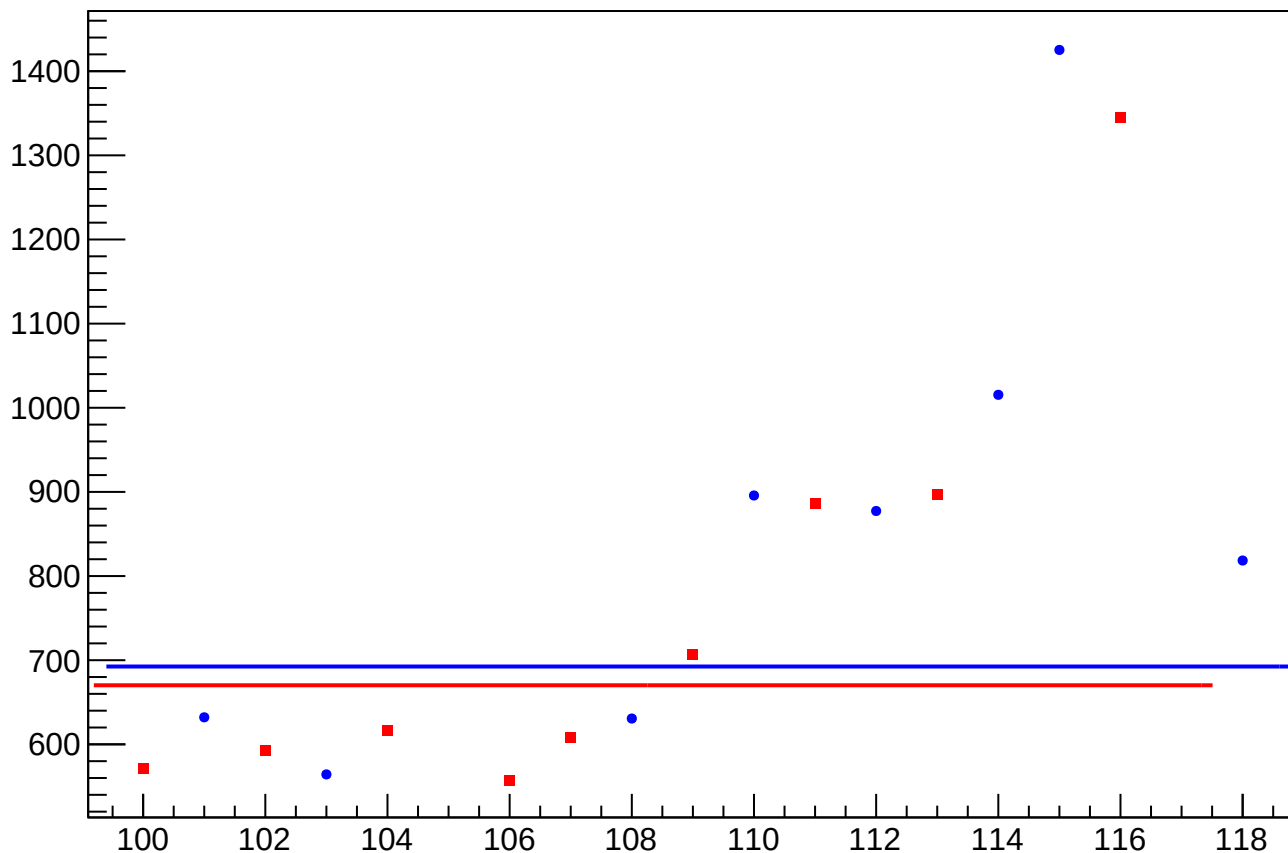
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.500+/-267.134 χ^2/NDF : 12.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 692.500 $\pm$ 0.275 χ^2 /NDF: 288615.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 670.197 $\pm$ 0.260 χ^2 /NDF: 309835.4/8

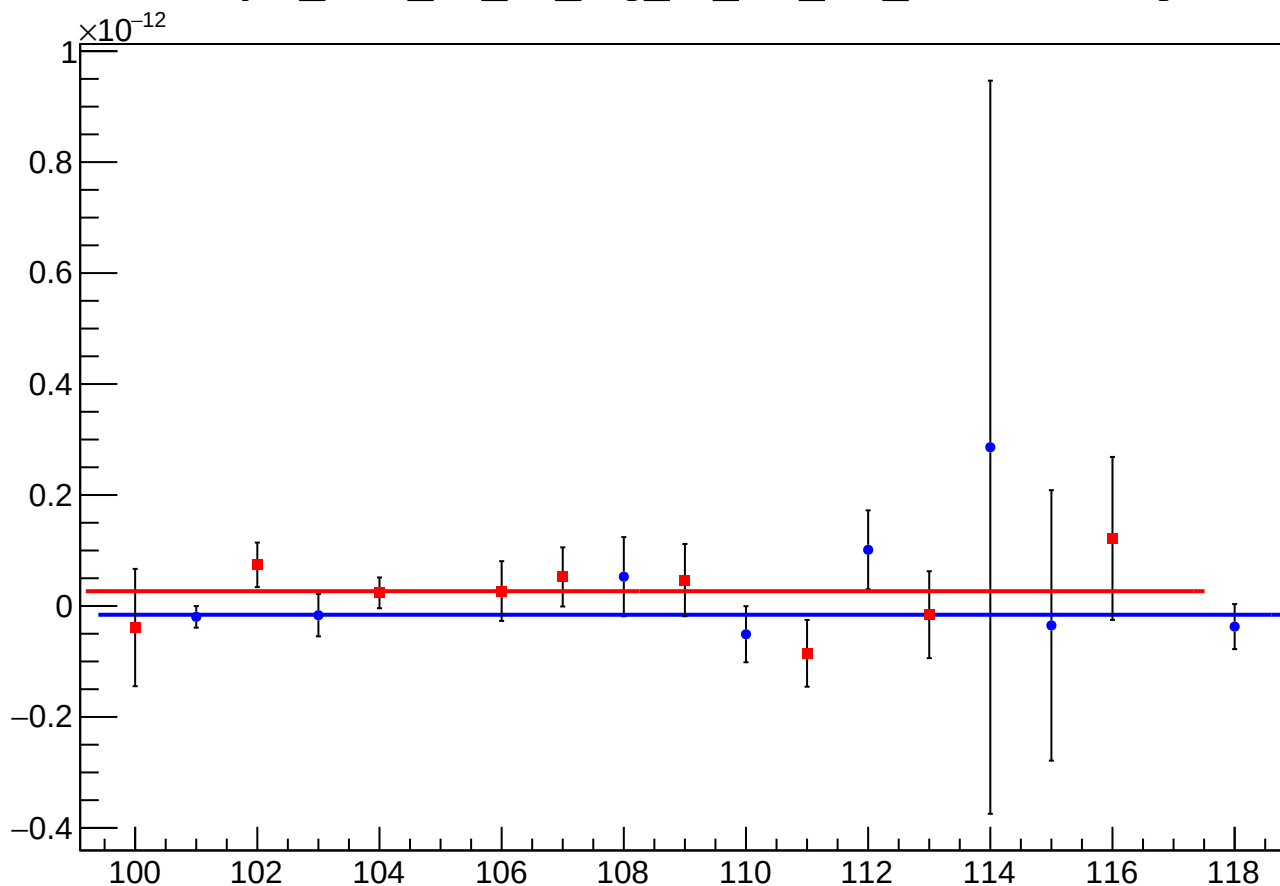
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 680.739 $\pm$ 0.189 χ^2 /NDF: 601925.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug



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 : 6.3/8

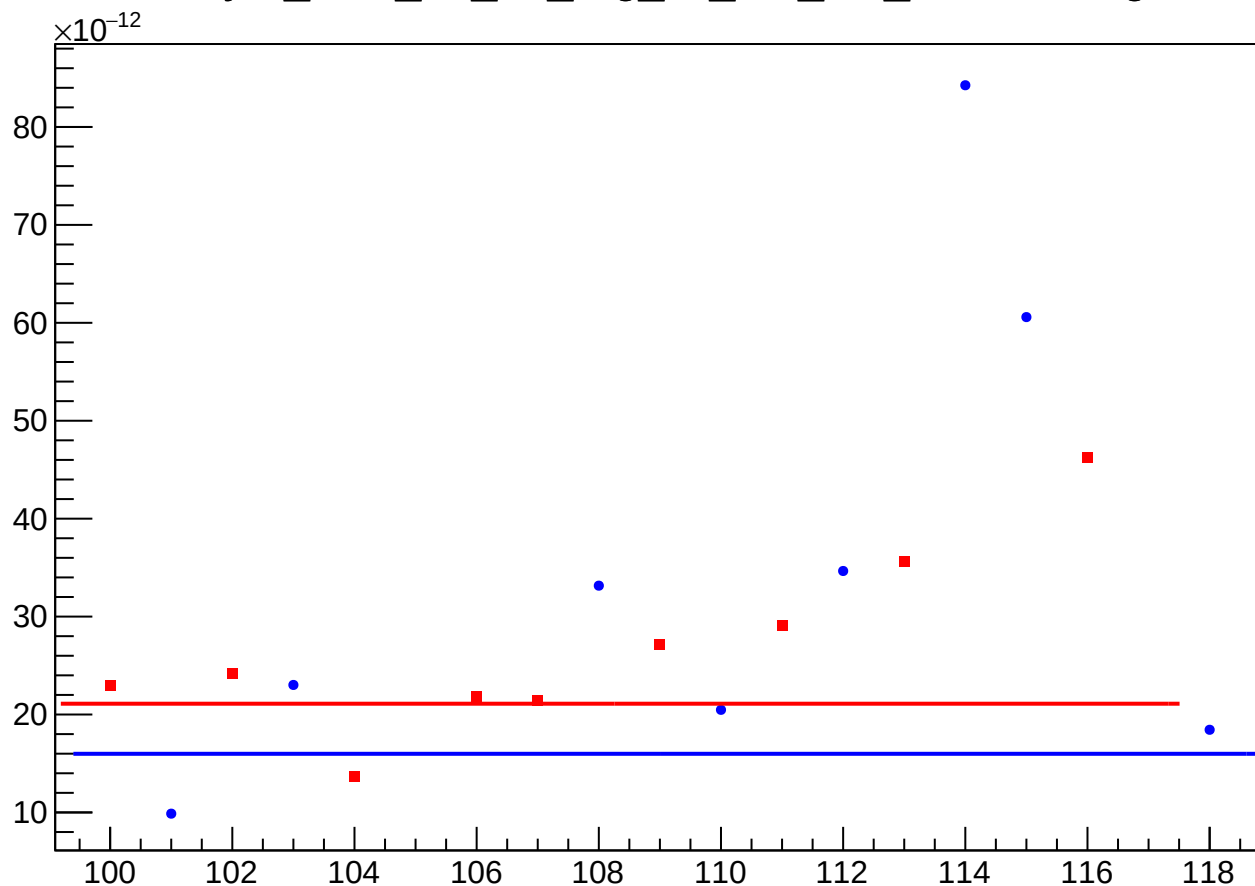
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 14.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug



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 : 335627.8/8

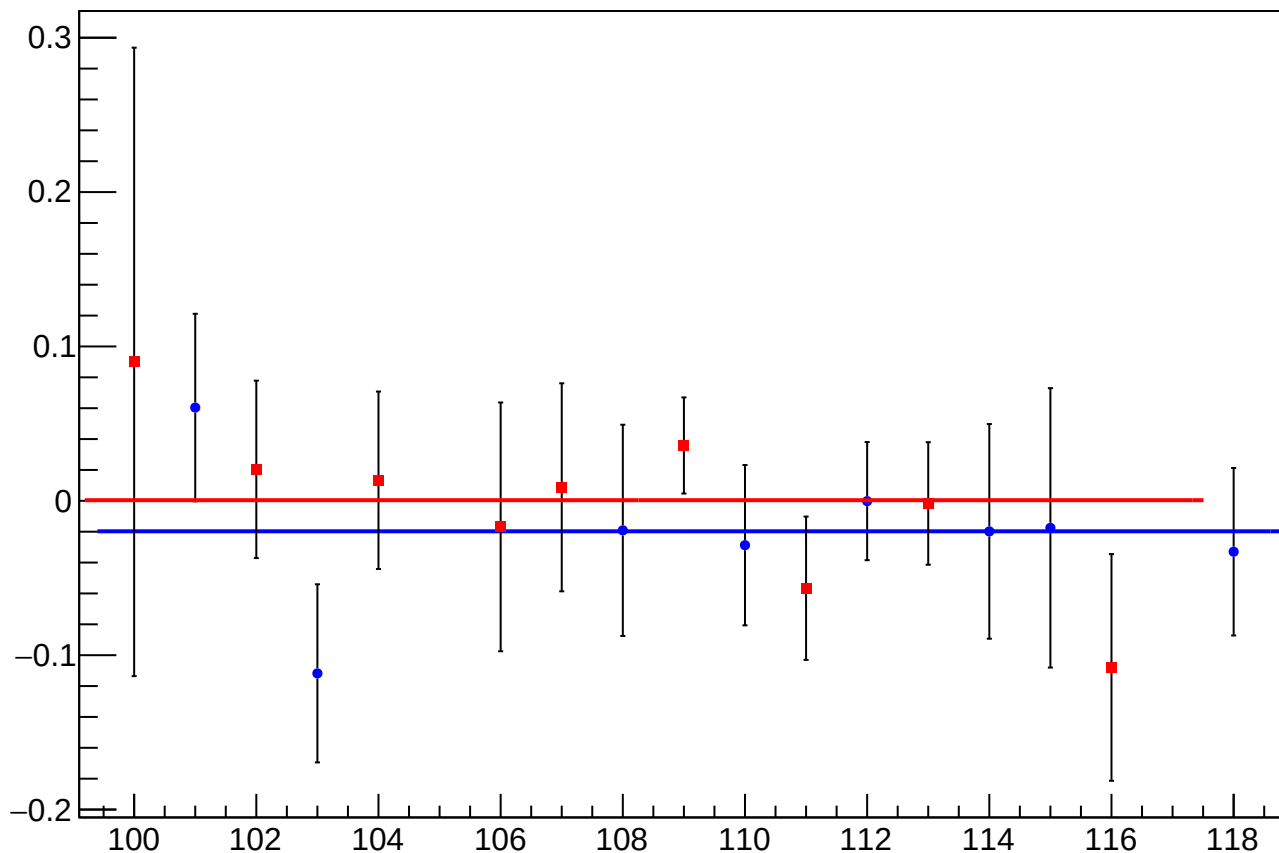
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1069068.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



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 ± 0.017 χ^2/NDF : 5.4/8

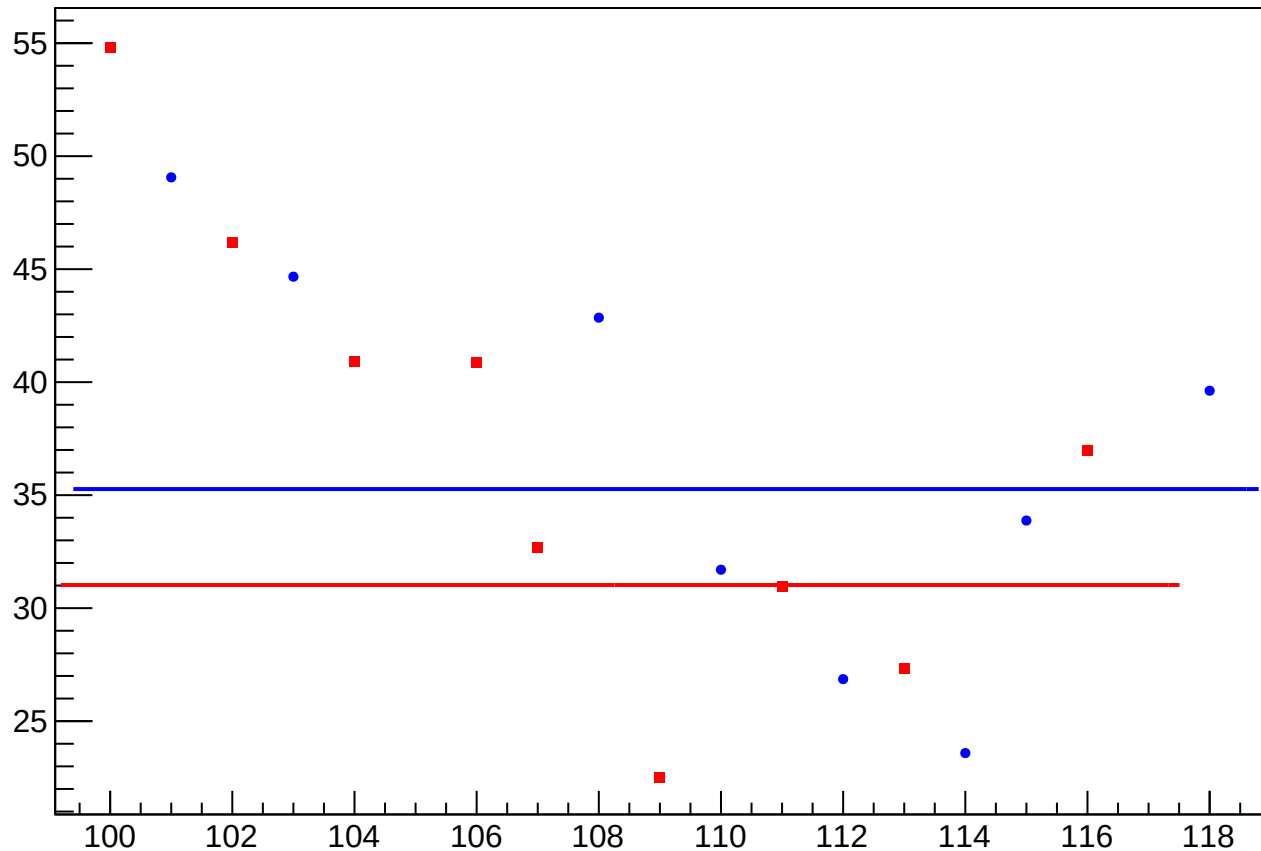
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.013 χ^2/NDF : 10.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.270 $\pm$ 0.014 χ^2 /NDF: 356628.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.024 $\pm$ 0.012 χ^2 /NDF: 436930.5/8

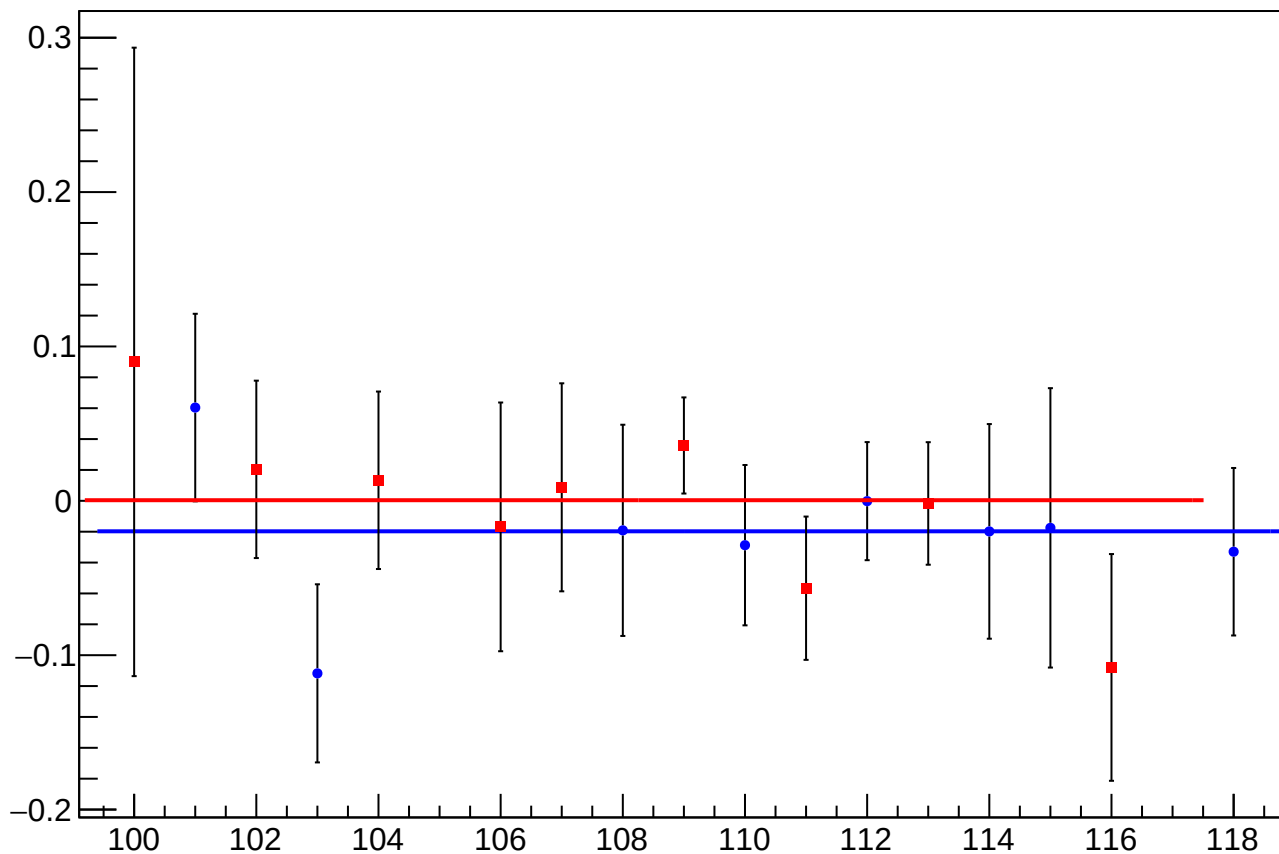
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.851 $\pm$ 0.009 χ^2 /NDF: 845074.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8

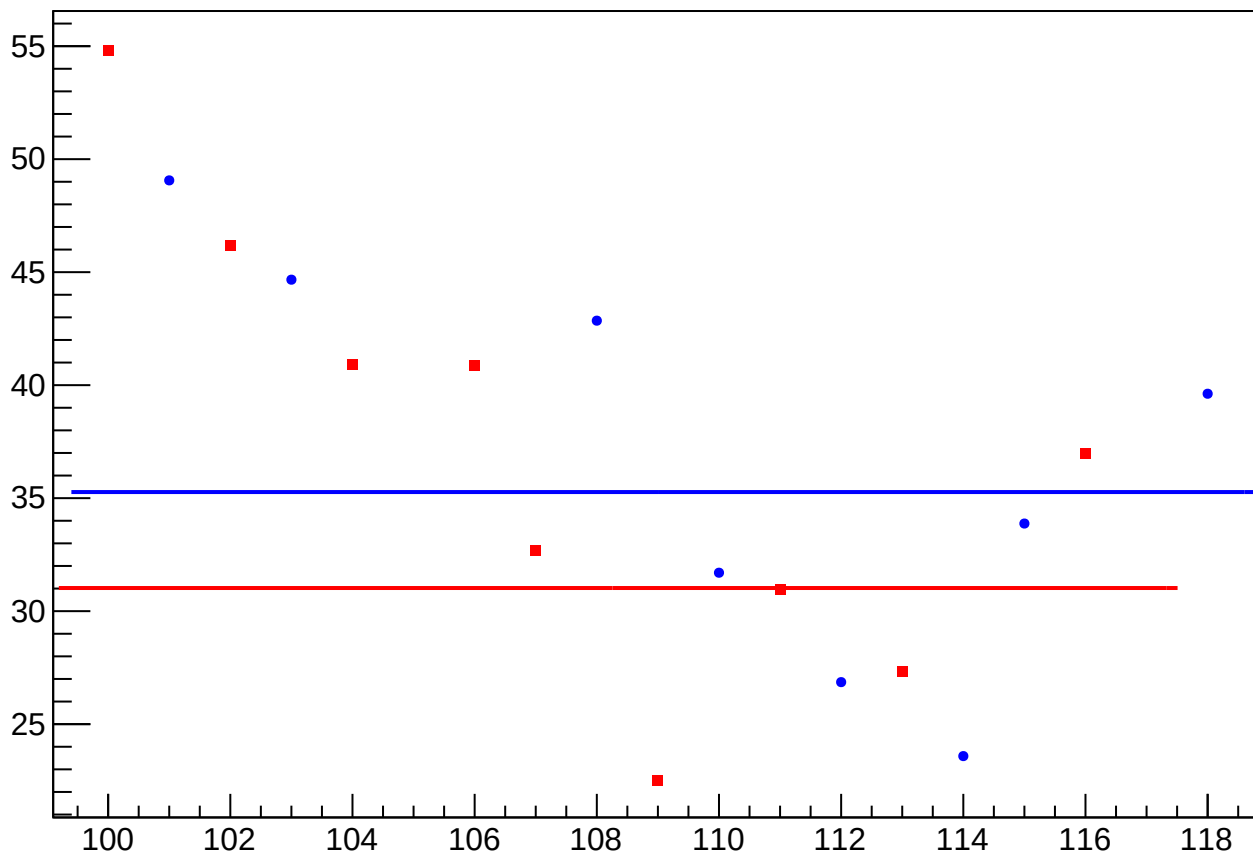
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.270 $\pm$ 0.014 χ^2 /NDF: 356628.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.024 $\pm$ 0.012 χ^2 /NDF: 436930.5/8

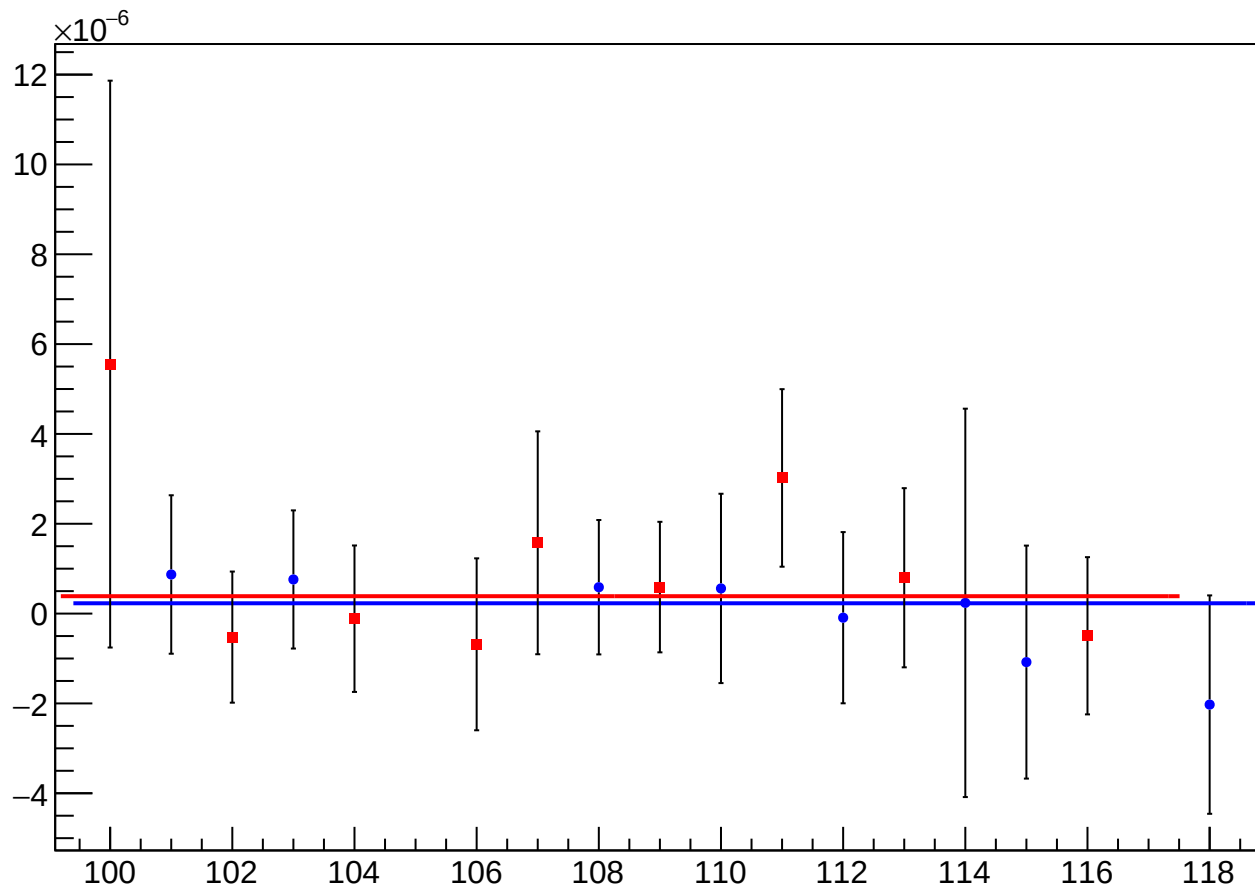
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.851 $\pm$ 0.009 χ^2 /NDF: 845074.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 3.8/8

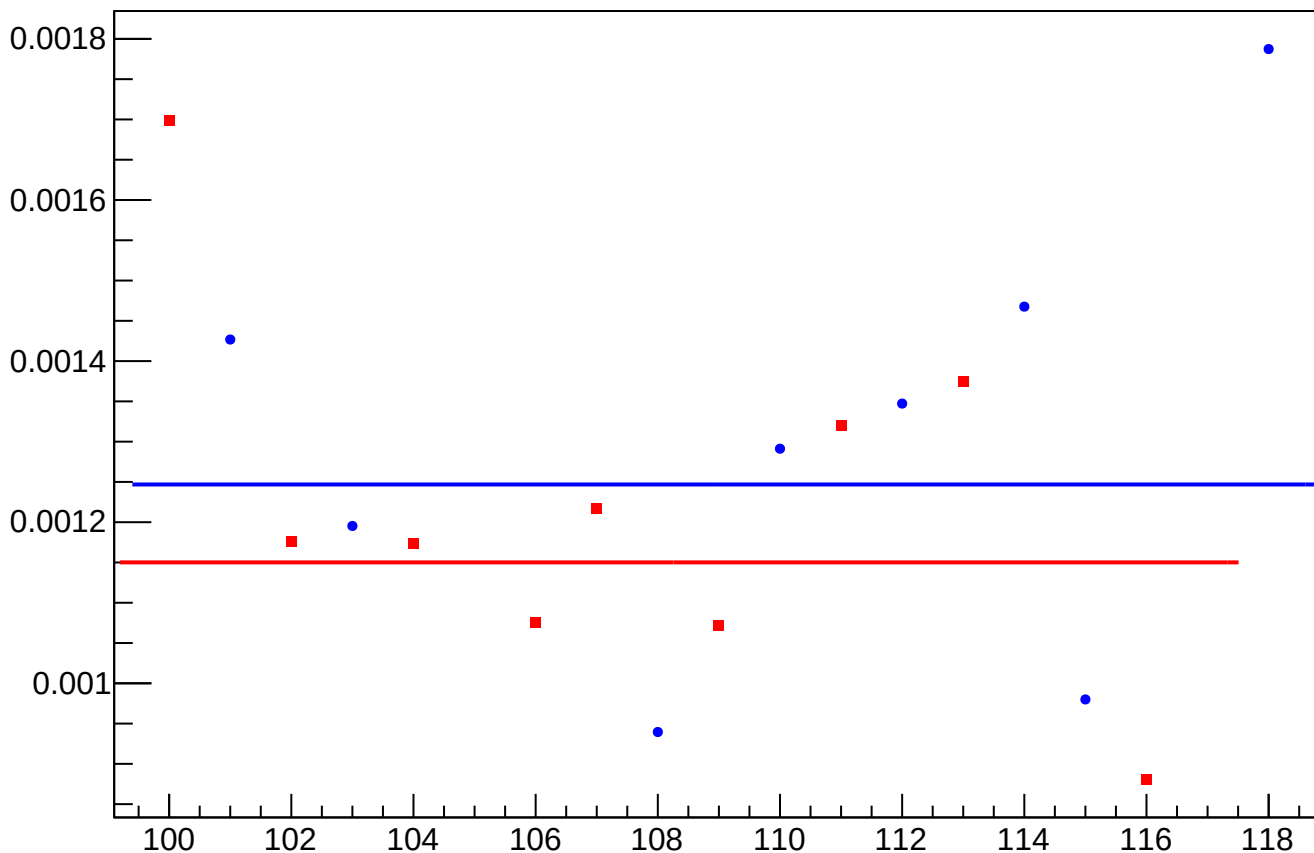
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 5.3/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 114074.6/8

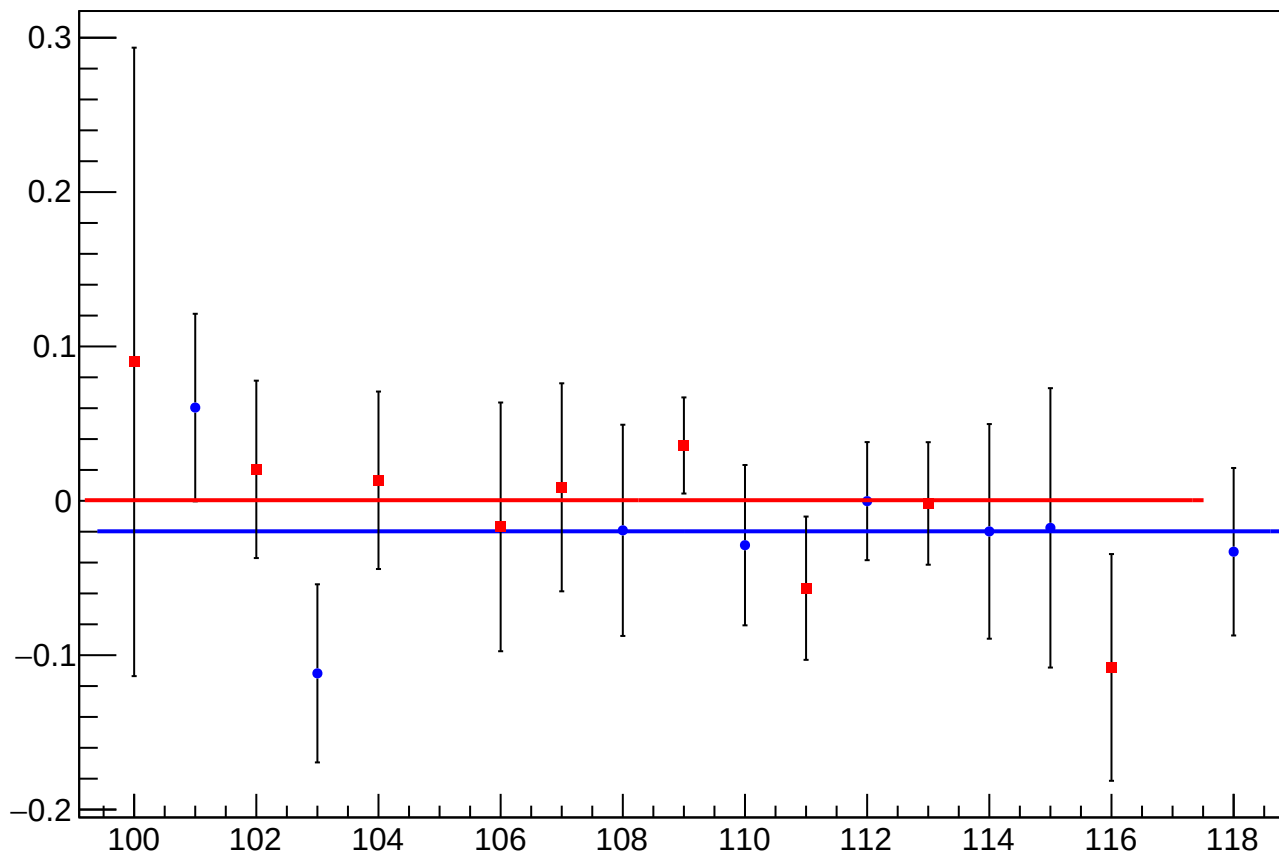
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 374760.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8

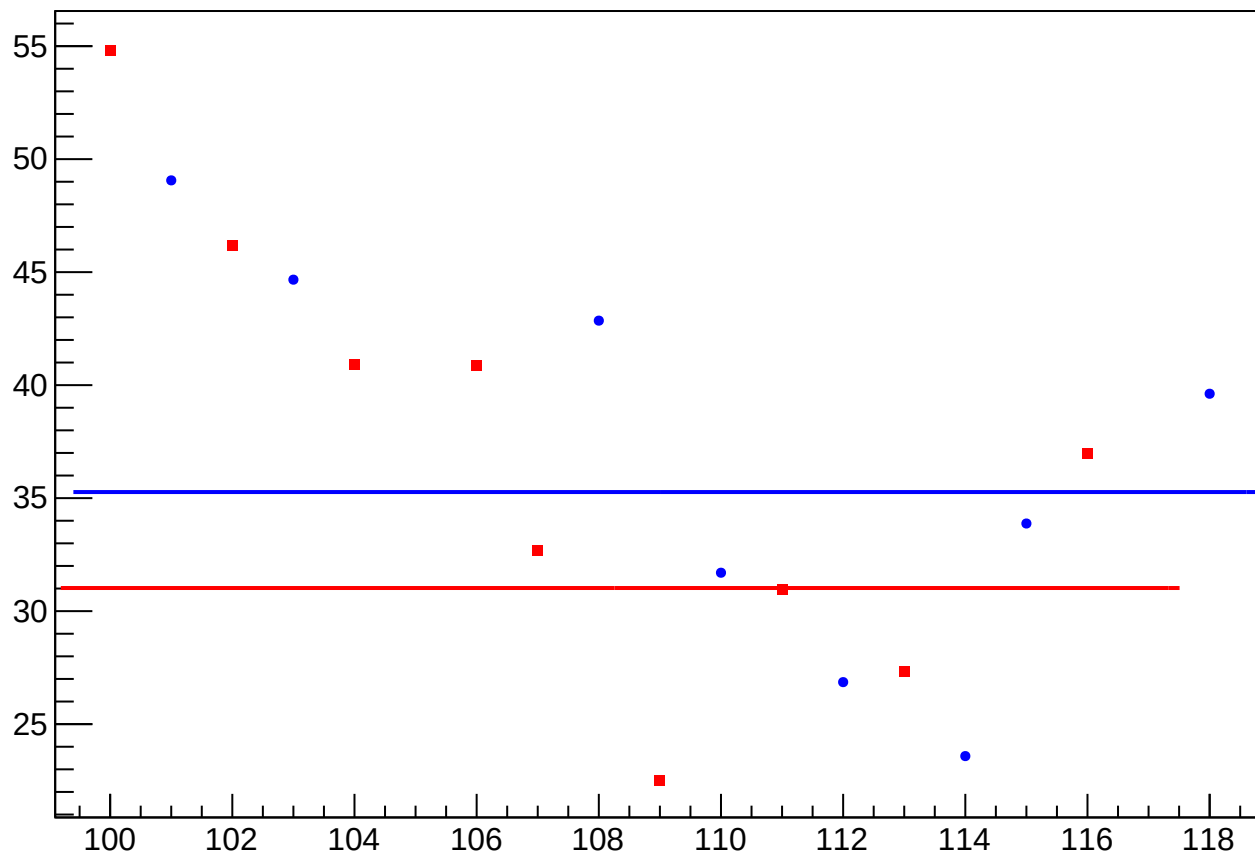
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 31.023+/-0.012 χ^2/NDF : 436963.6/8

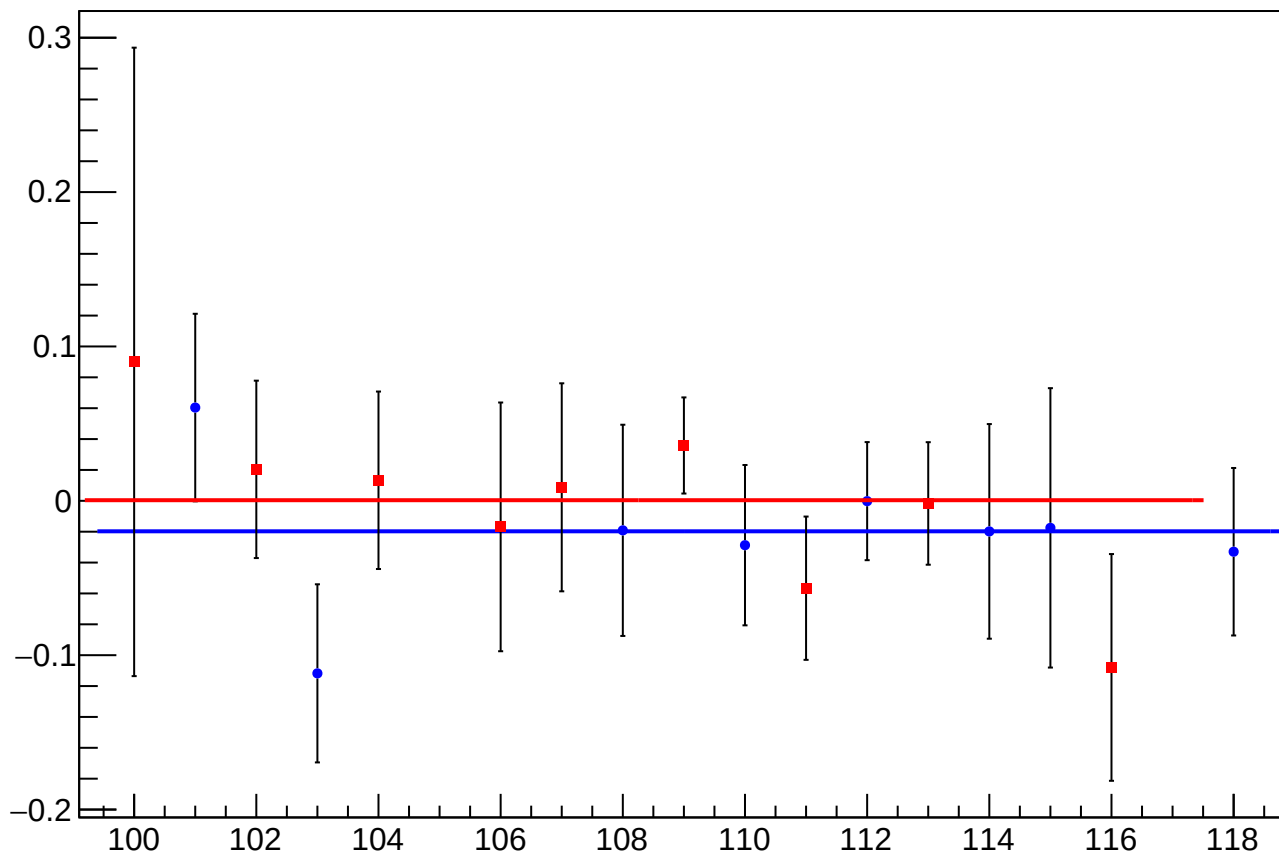
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.850+/-0.009 χ^2/NDF : 845127.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 $\pm$ 0.020 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.017 χ^2 /NDF: 5.4/8

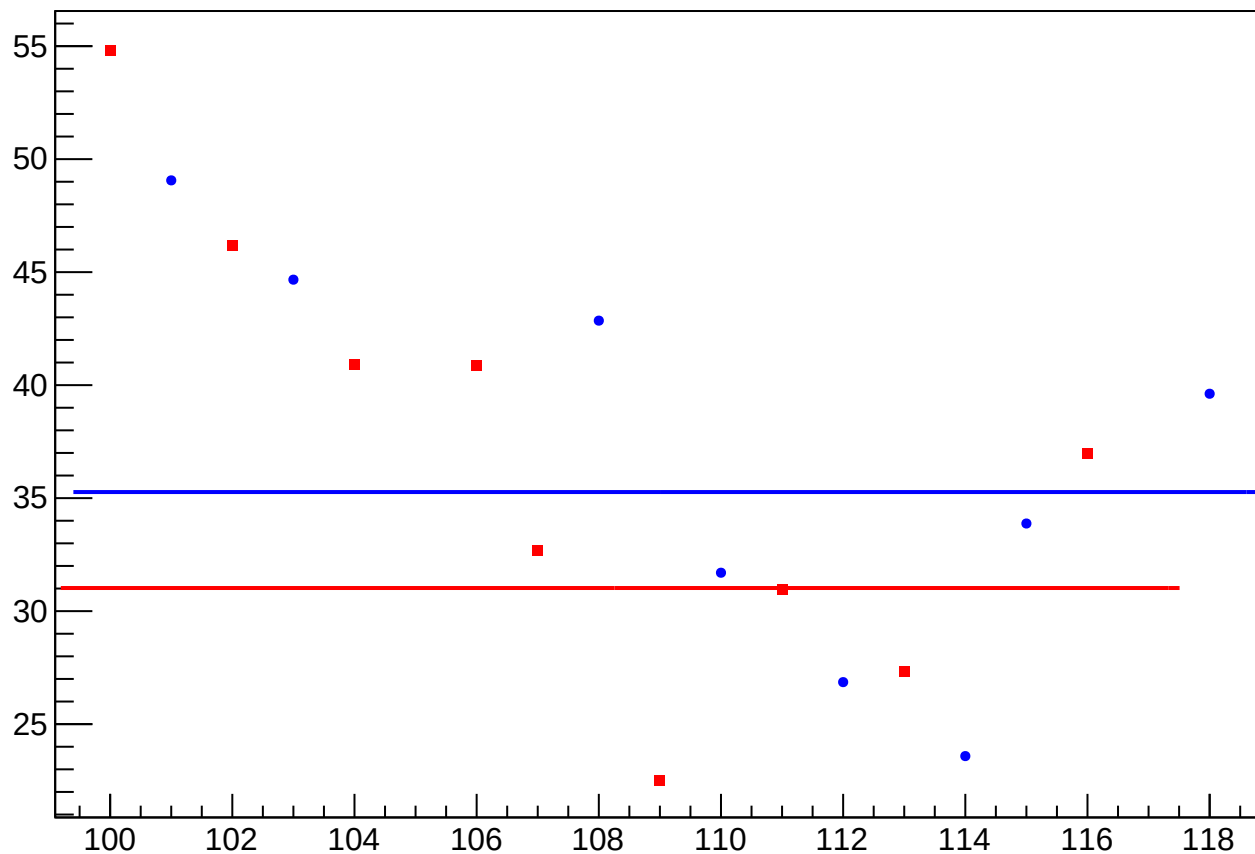
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.013 χ^2 /NDF: 10.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 31.023+/-0.012 χ^2/NDF : 436963.6/8

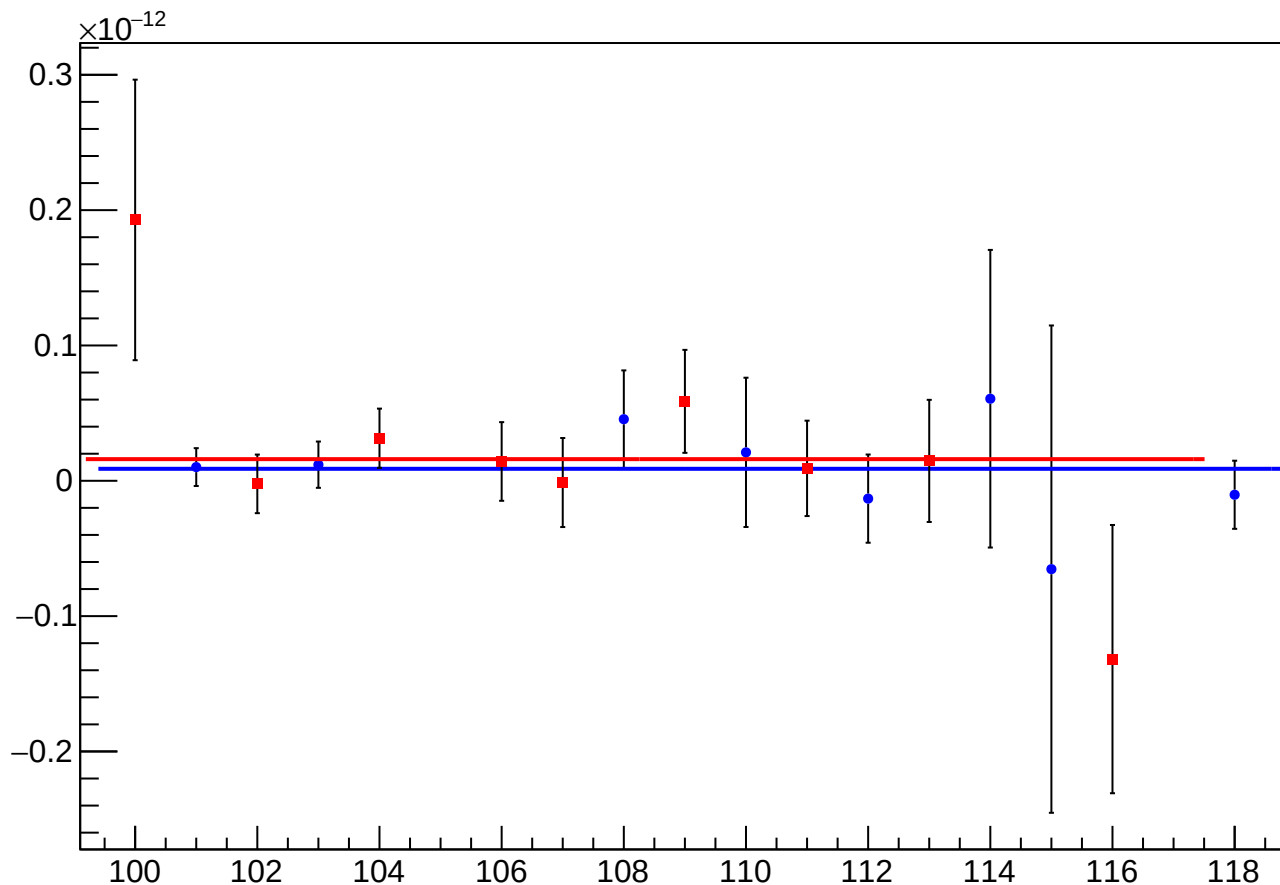
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.850+/-0.009 χ^2/NDF : 845127.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/8

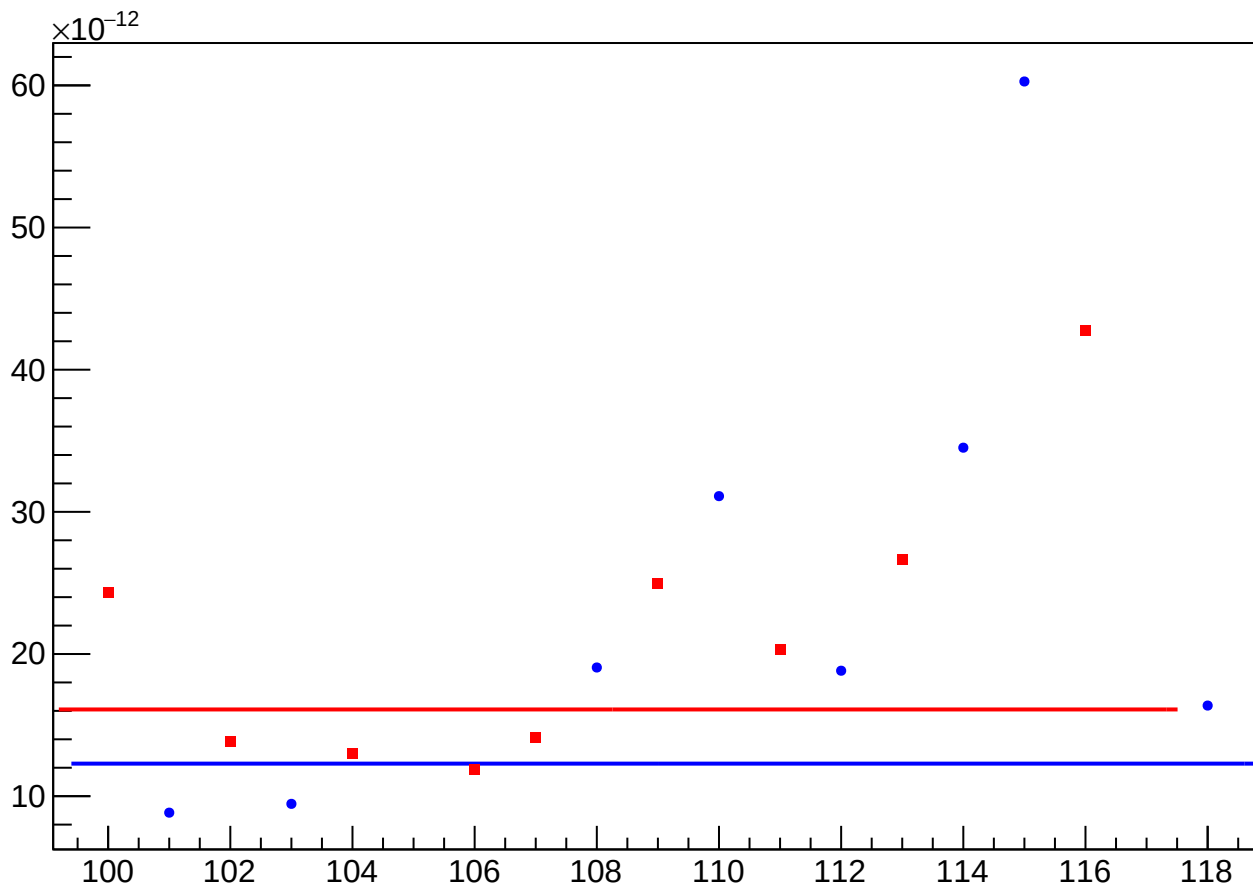
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 515993.2/8

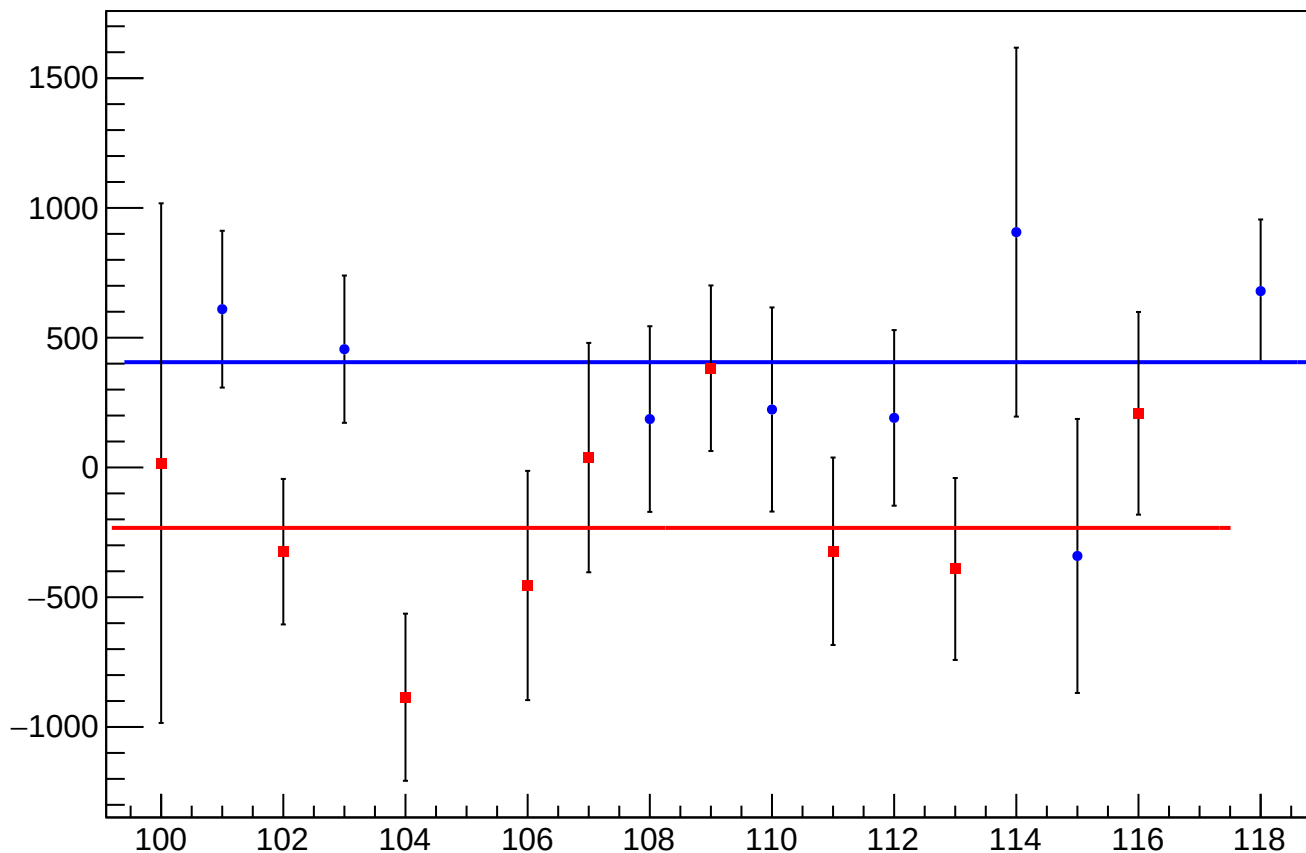
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1498197.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 405.673 $\pm$ 123.946 χ^2 /NDF: 5.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -232.862 $\pm$ 123.278 χ^2 /NDF: 10.2/8

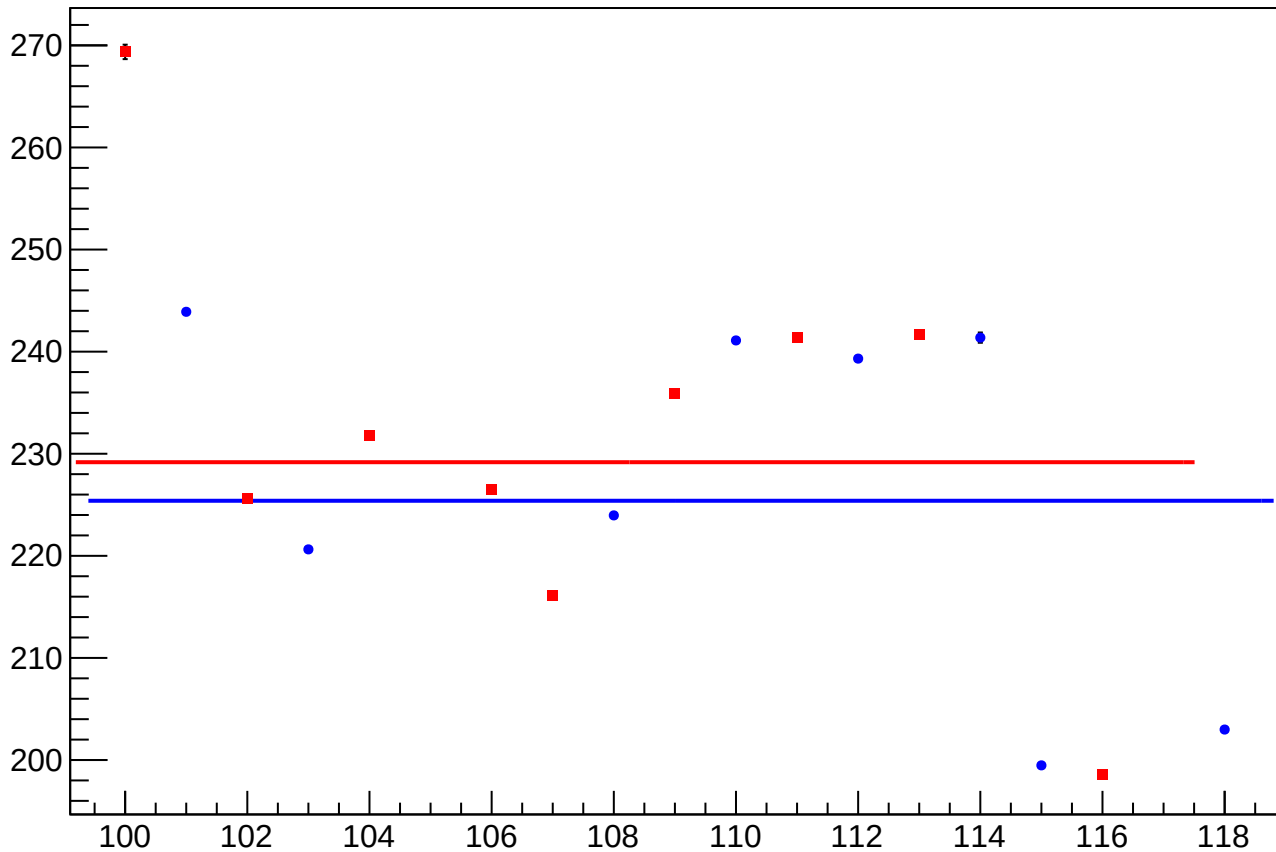
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.682 $\pm$ 87.406 χ^2 /NDF: 28.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



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: 229.171+/-0.087 χ^2/NDF : 23519.0/8

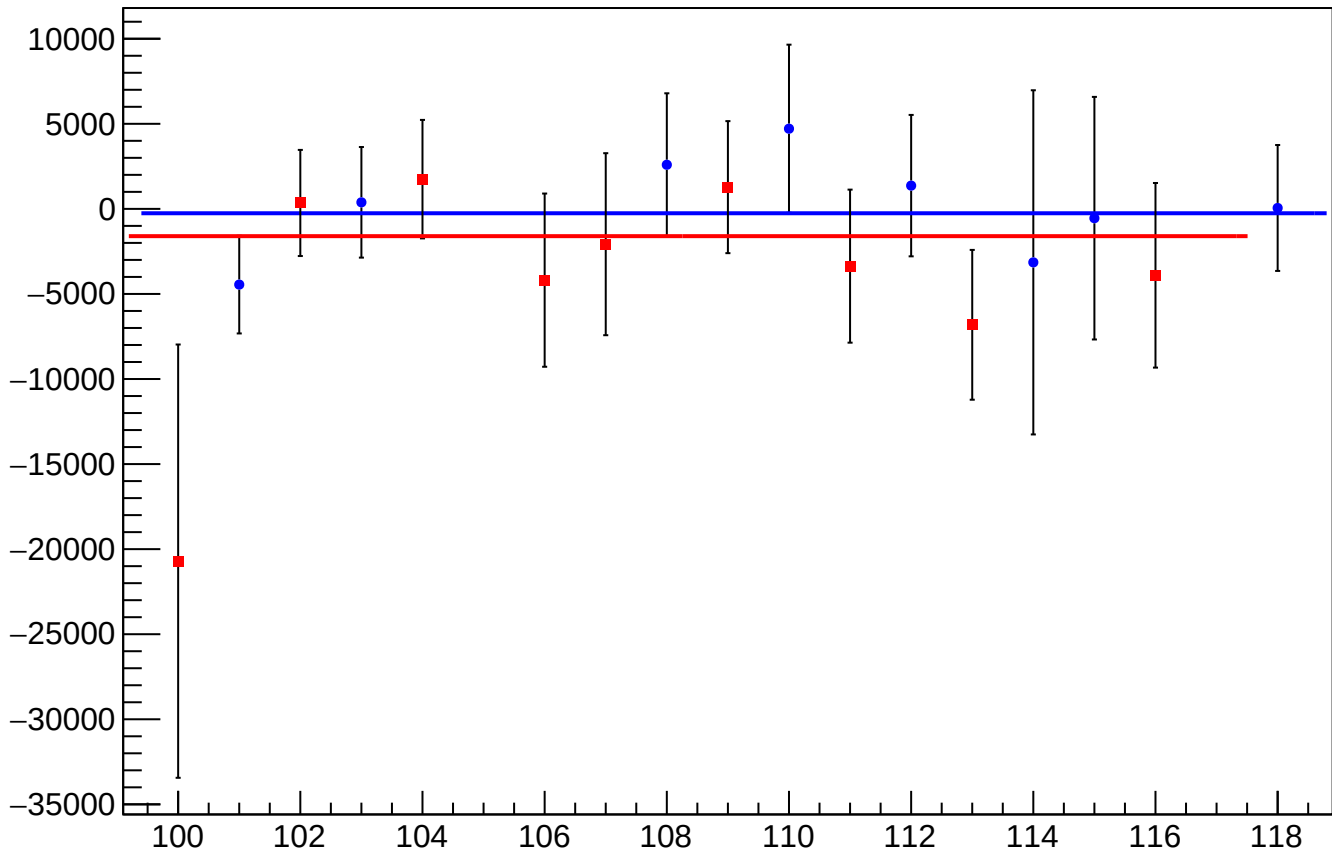
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.293+/-0.062 χ^2/NDF : 58151.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



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: -1603.172+/-1464.299 χ^2/NDF : 6.1/8

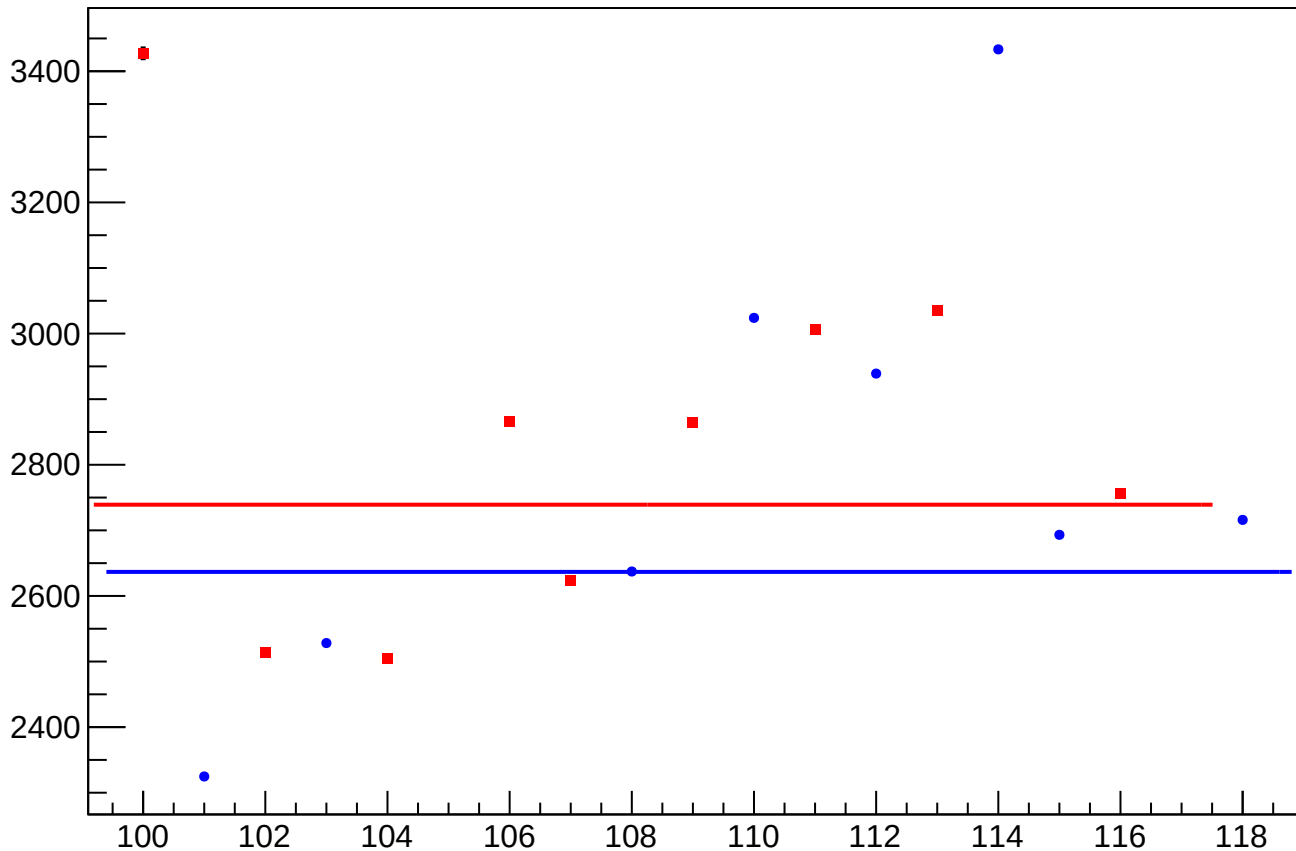
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -924.648+/-1031.229 χ^2/NDF : 10.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



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: 2739.120+/-1.035 χ^2/NDF : 45859.7/8

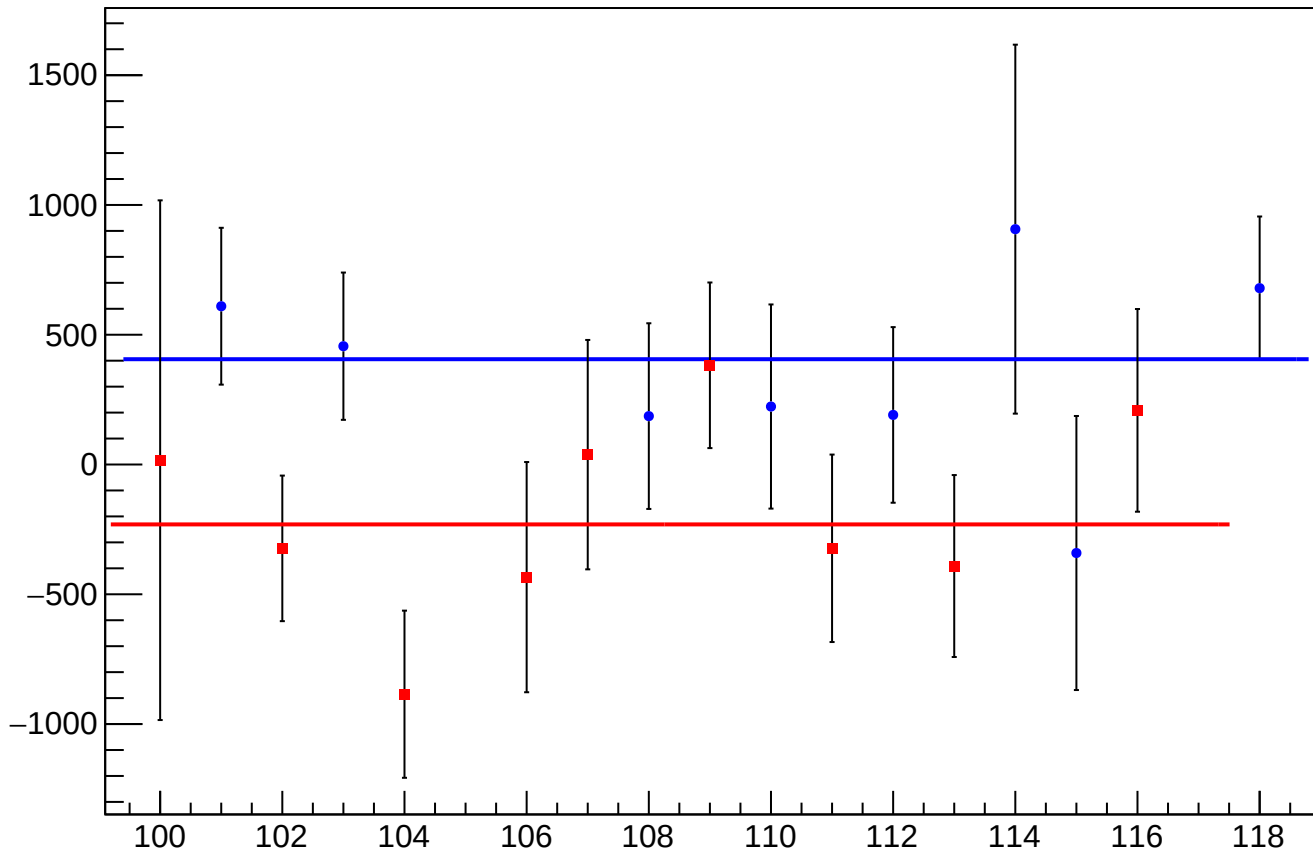
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2687.484+/-0.729 χ^2/NDF : 112956.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_mean vs Slug



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: -230.790 $\pm$ 123.324 χ^2 /NDF: 10.1/8

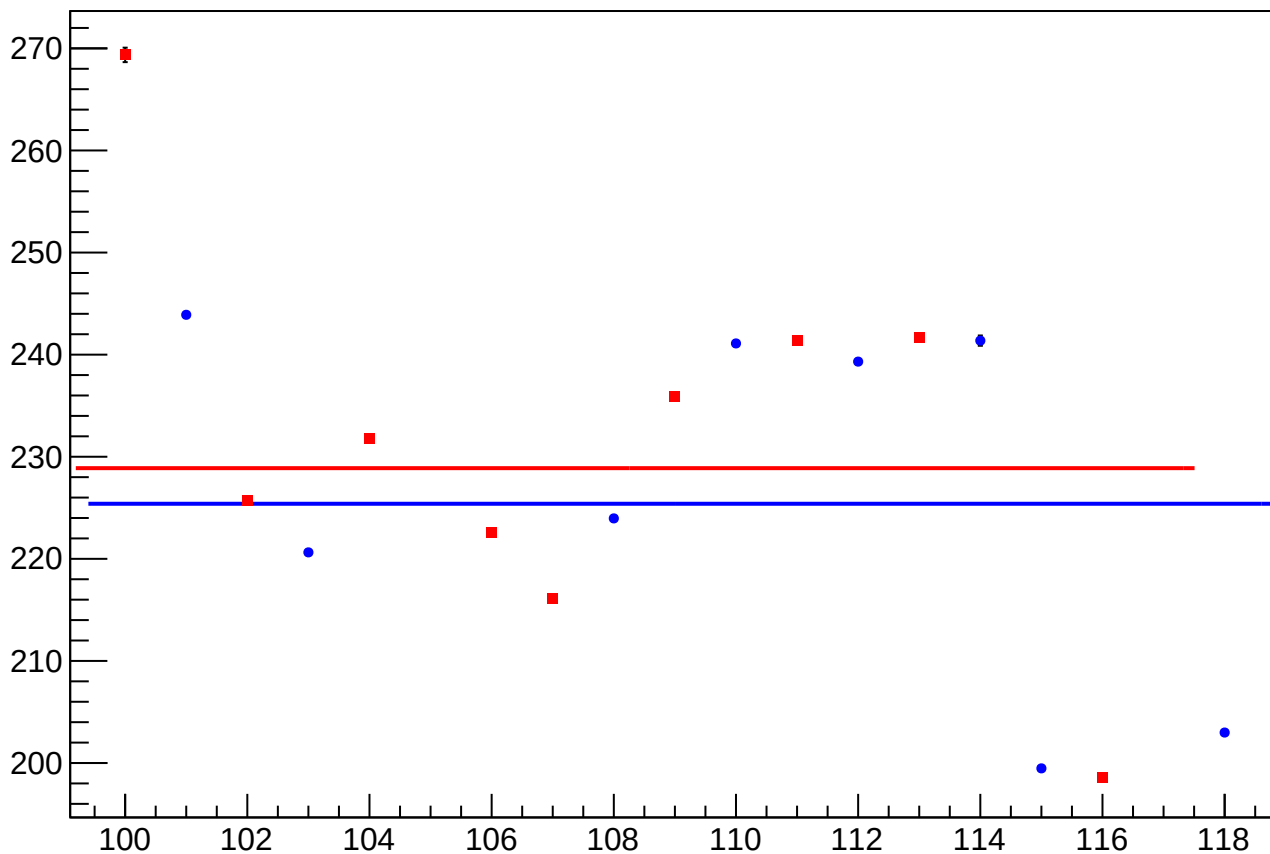
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.861 $\pm$ 87.422 χ^2 /NDF: 28.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 225.394 $\pm$ 0.088 χ^2 /NDF: 33698.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.882 $\pm$ 0.087 χ^2 /NDF: 23869.7/8

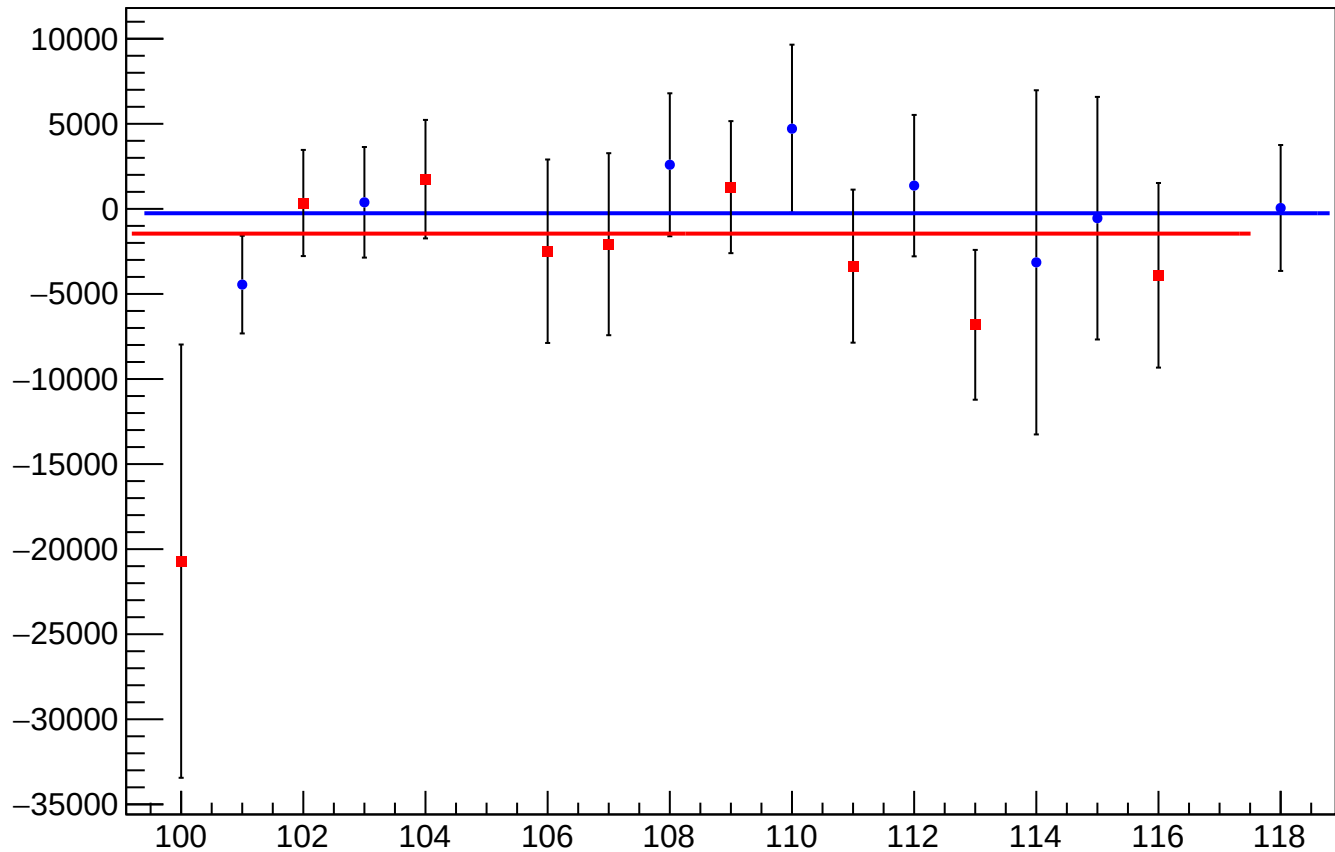
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.147 $\pm$ 0.062 χ^2 /NDF: 58363.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



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: -1454.041+/-1471.046 χ^2/NDF : 5.9/8

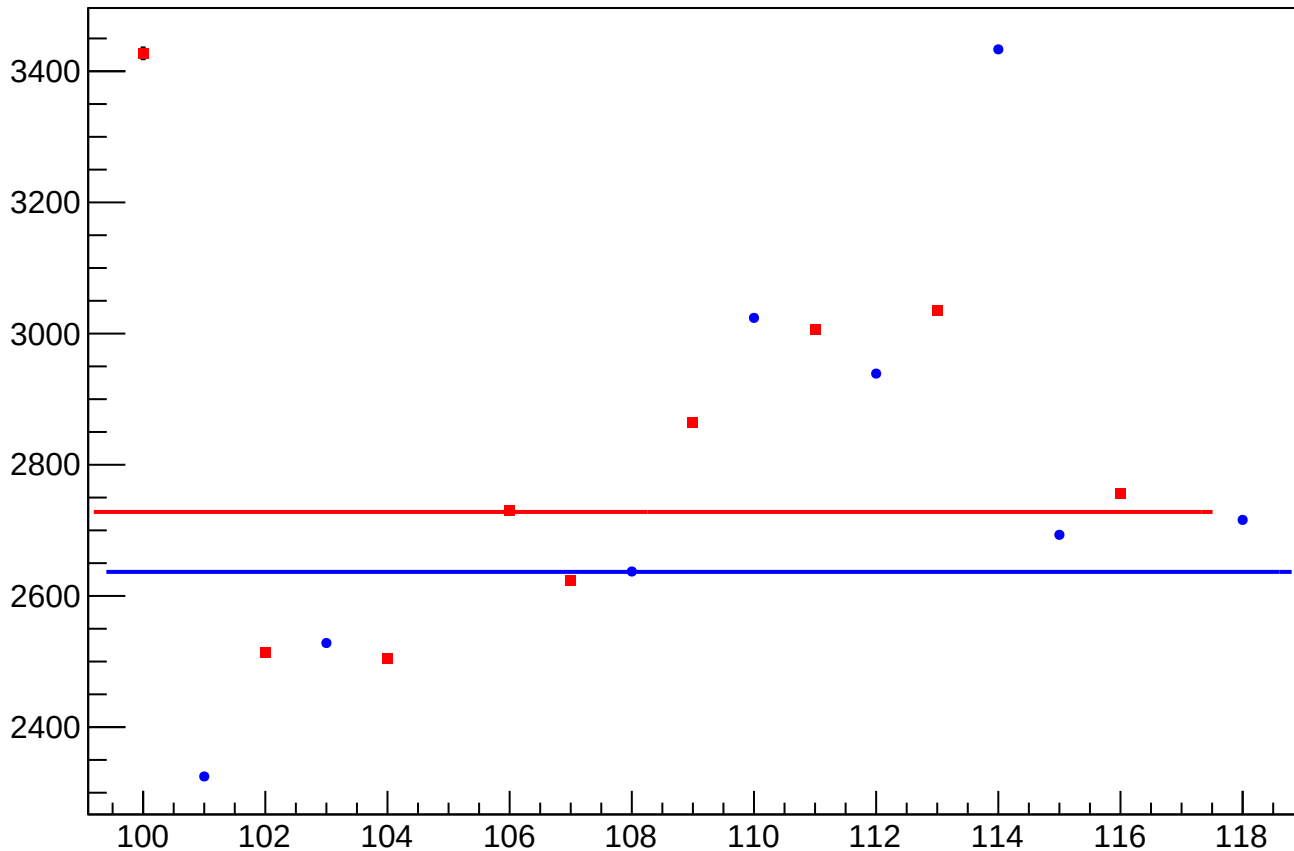
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.862+/-1033.580 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



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: 2728.057+/-1.040 χ^2/NDF : 44400.8/8

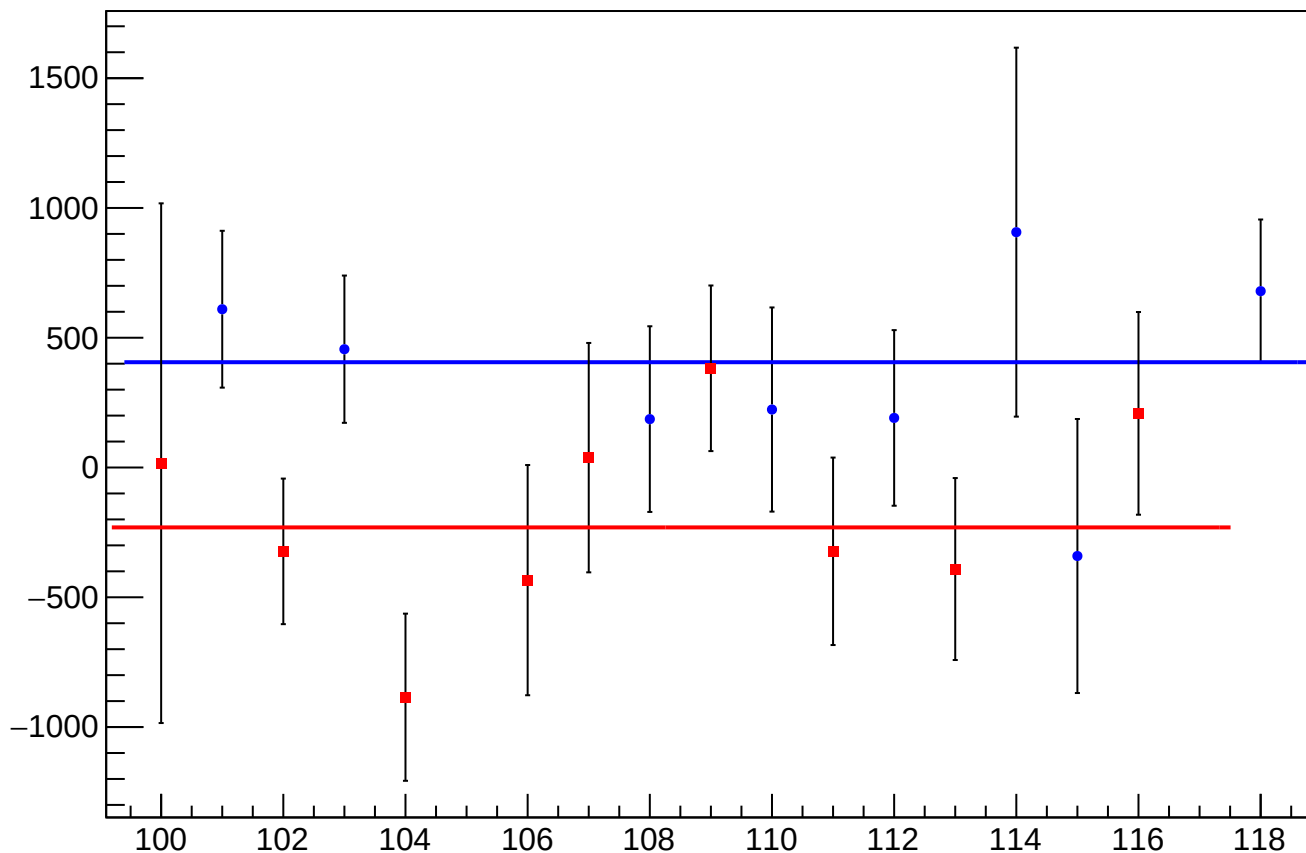
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.794+/-0.731 χ^2/NDF : 110467.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 405.711+/-123.946 χ^2/NDF : 5.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.790+/-123.324 χ^2/NDF : 10.1/8

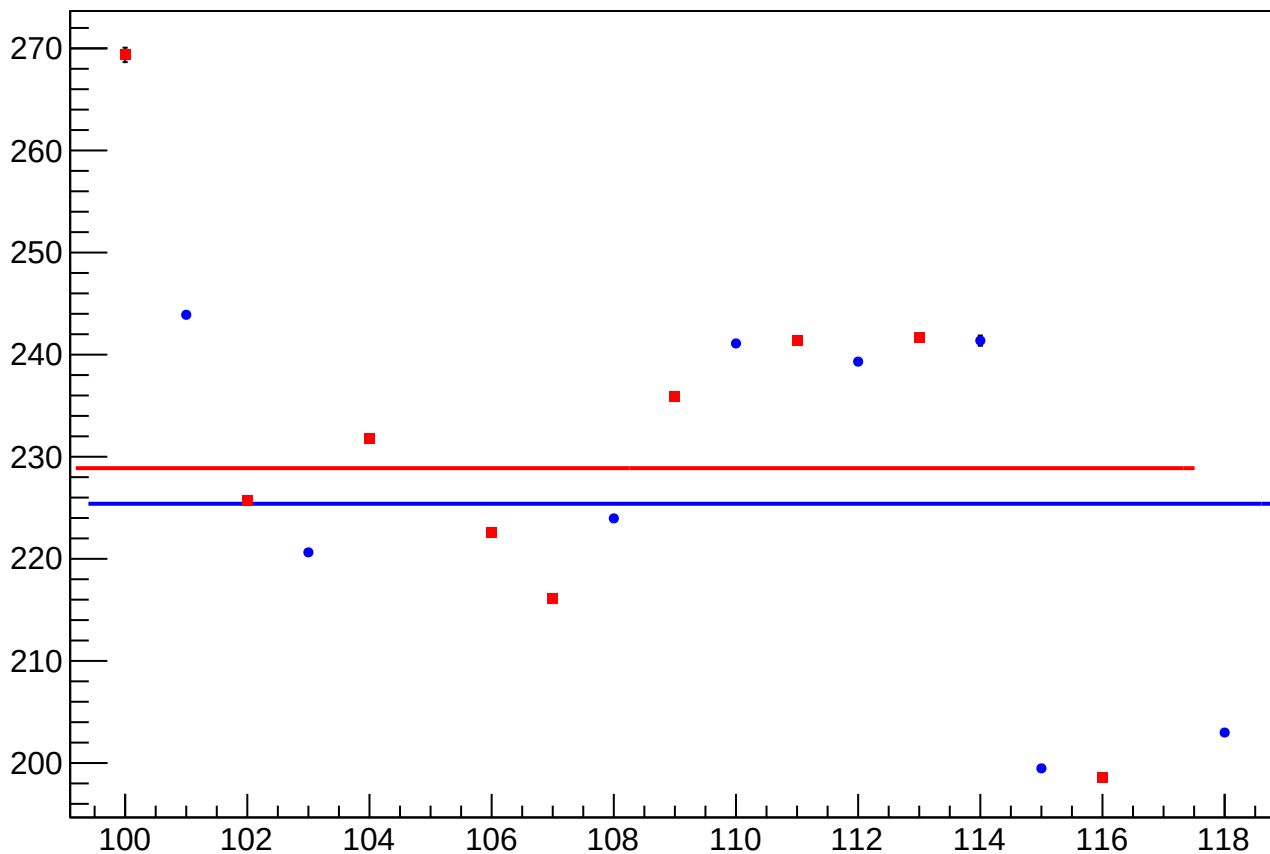
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.861+/-87.422 χ^2/NDF : 28.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 225.394 $\pm$ 0.088 χ^2 /NDF: 33698.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.882 $\pm$ 0.087 χ^2 /NDF: 23869.7/8

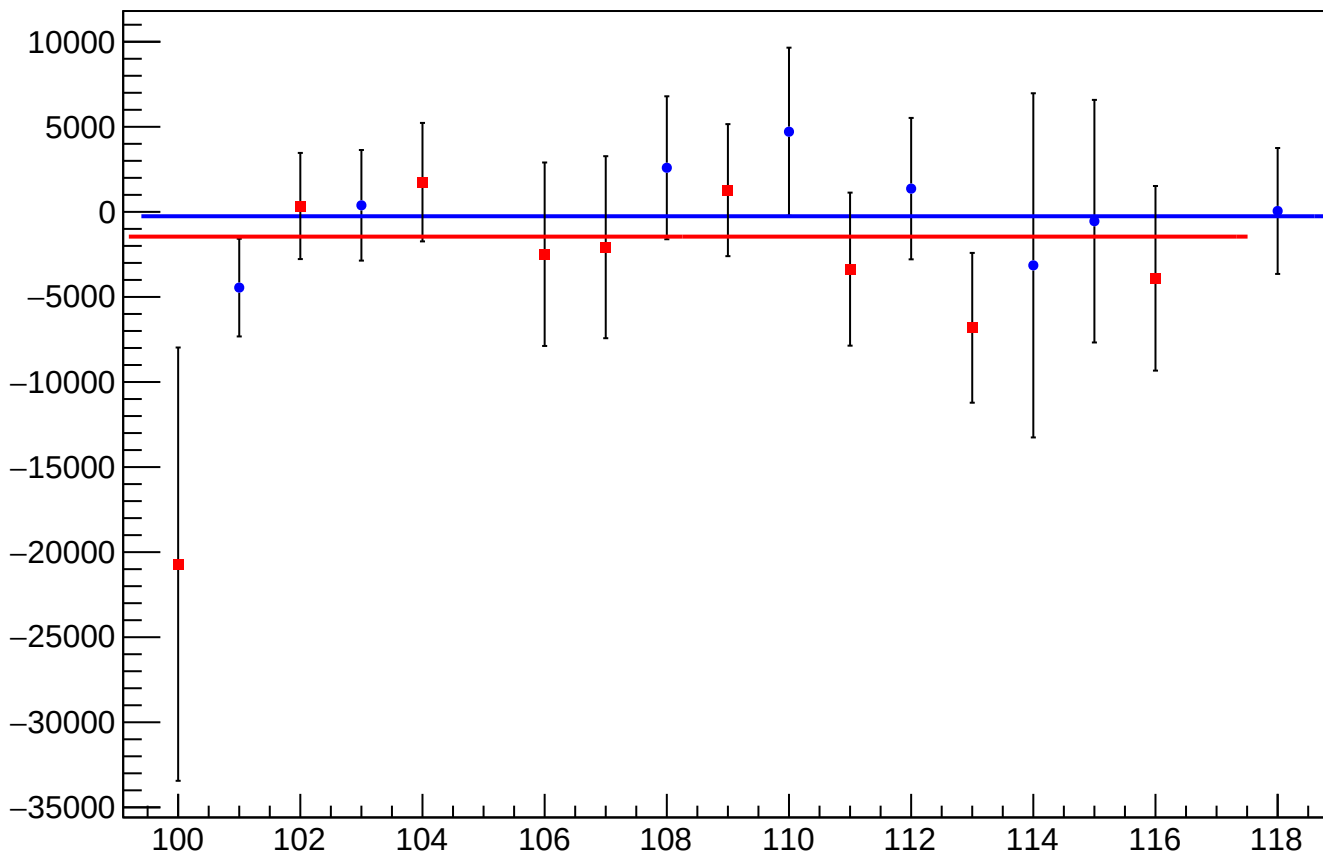
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.147 $\pm$ 0.062 χ^2 /NDF: 58363.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



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: -1454.041+/-1471.046 χ^2/NDF : 5.9/8

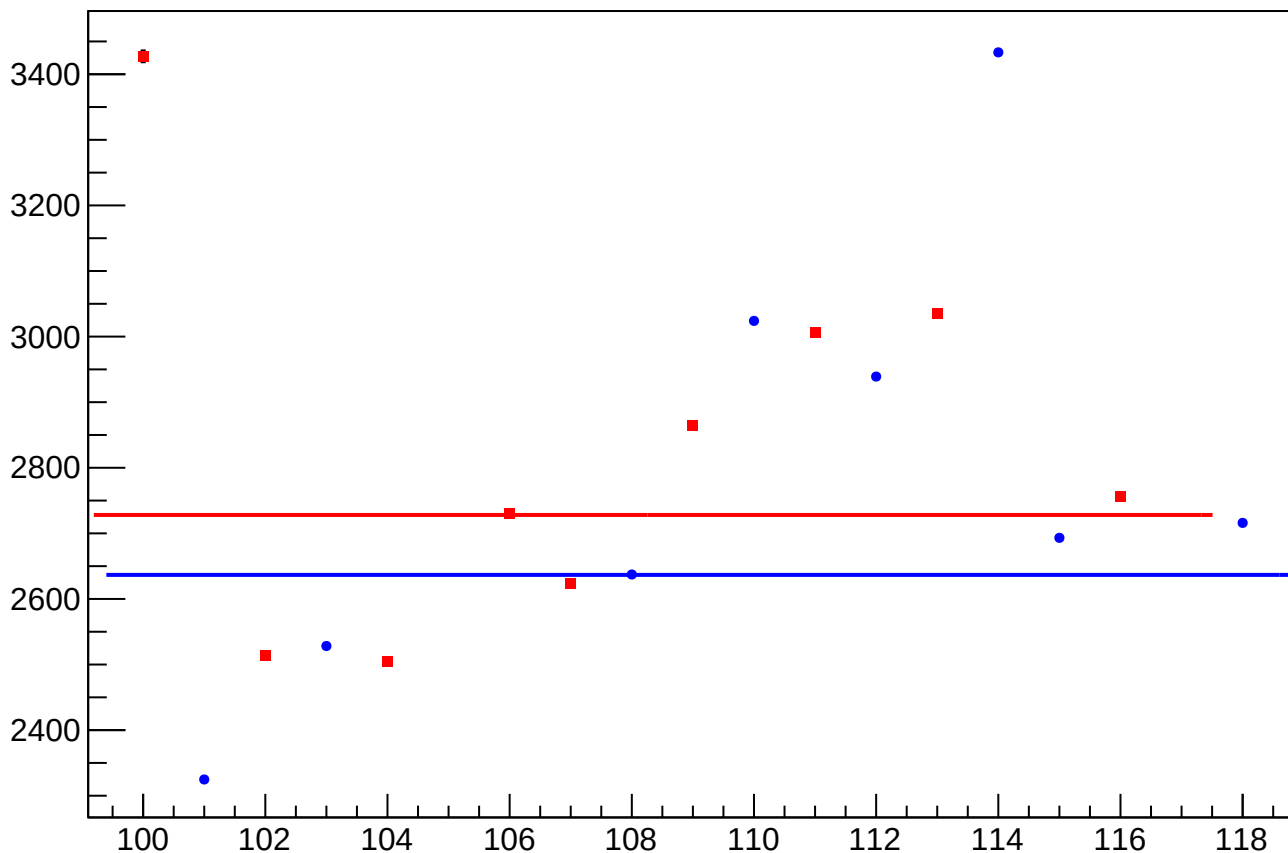
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -847.862+/-1033.580 χ^2/NDF : 10.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



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: 2728.057+/-1.040 χ^2/NDF : 44400.8/8

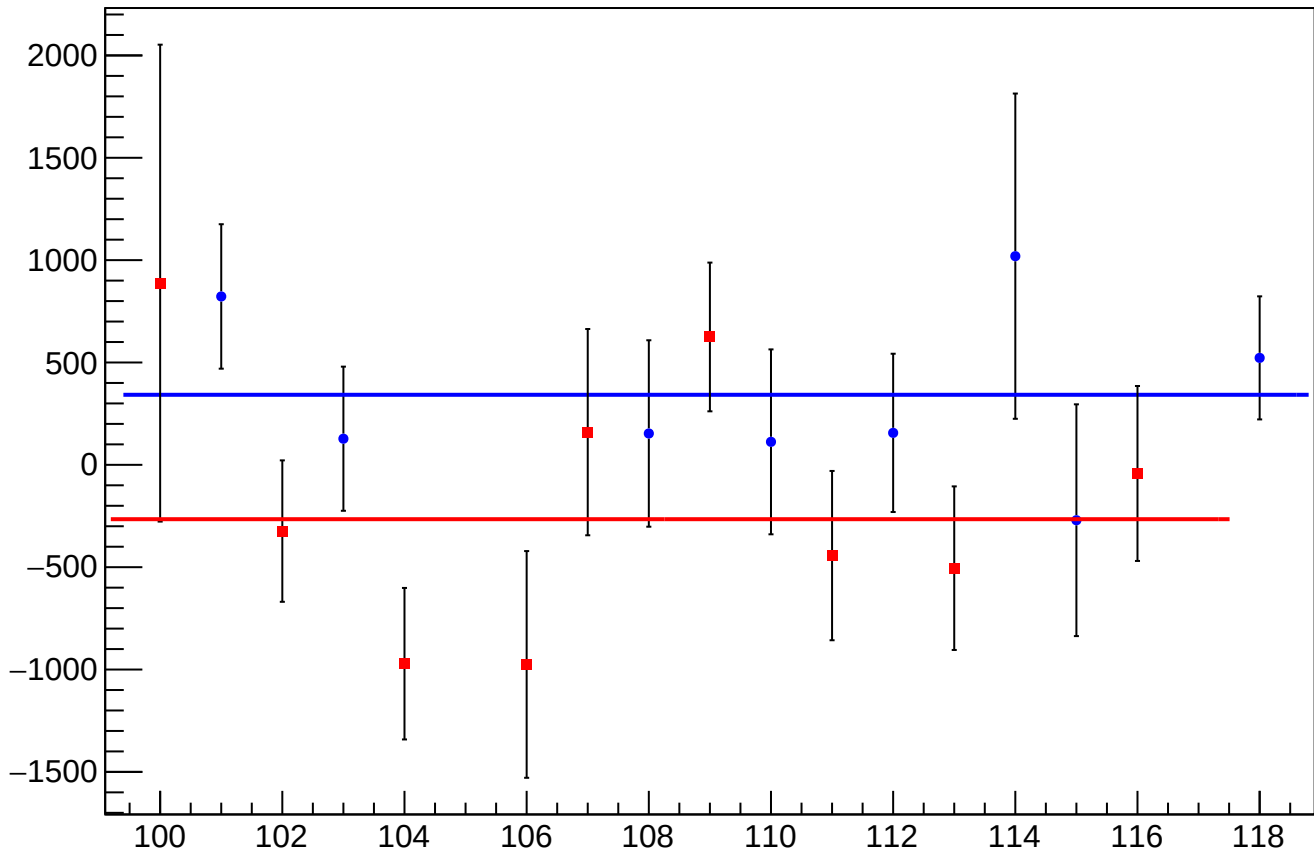
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2681.794+/-0.731 χ^2/NDF : 110467.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



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: -265.532 $\pm$ 143.176 χ^2 /NDF: 13.8/8

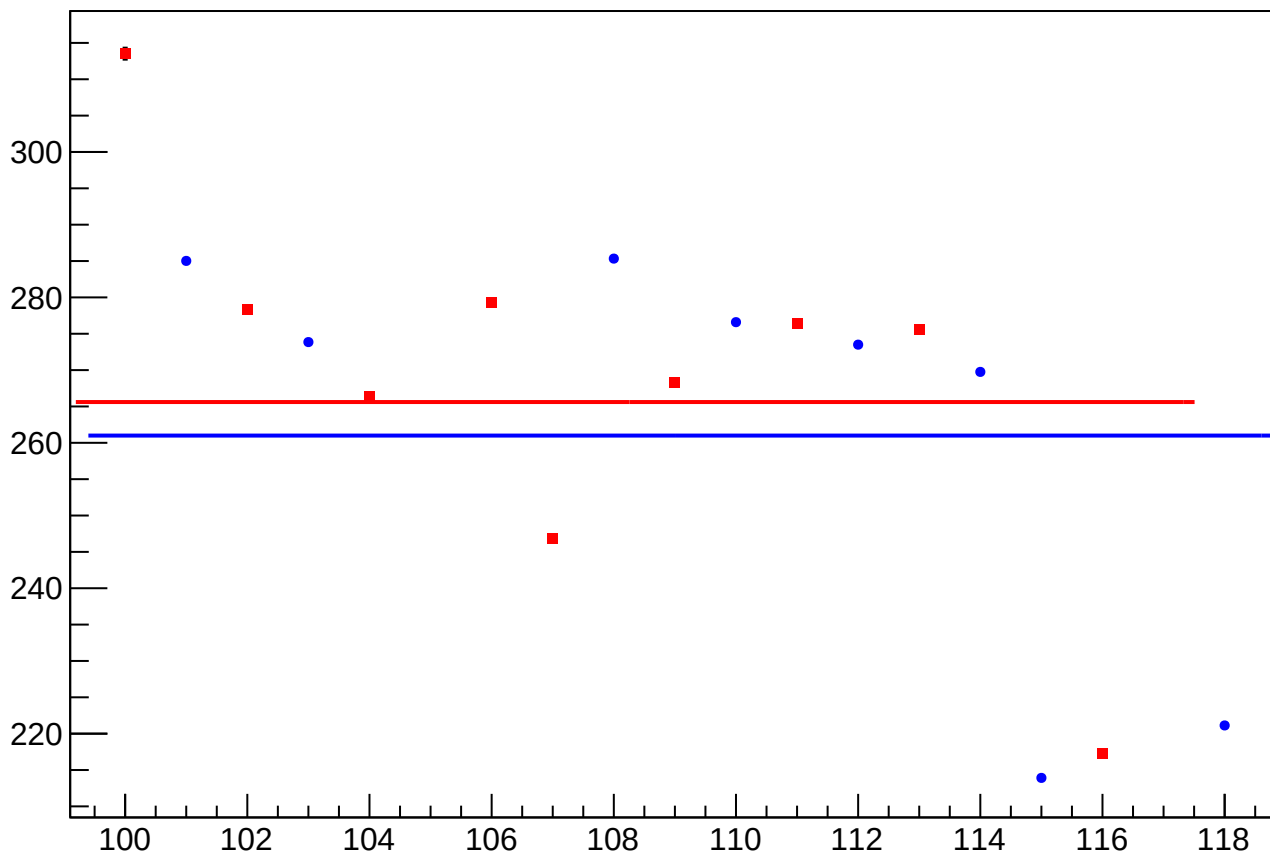
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.770 $\pm$ 101.501 χ^2 /NDF: 27.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



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: 265.608 $\pm$ 0.101 χ^2 /NDF: 38379.4/8

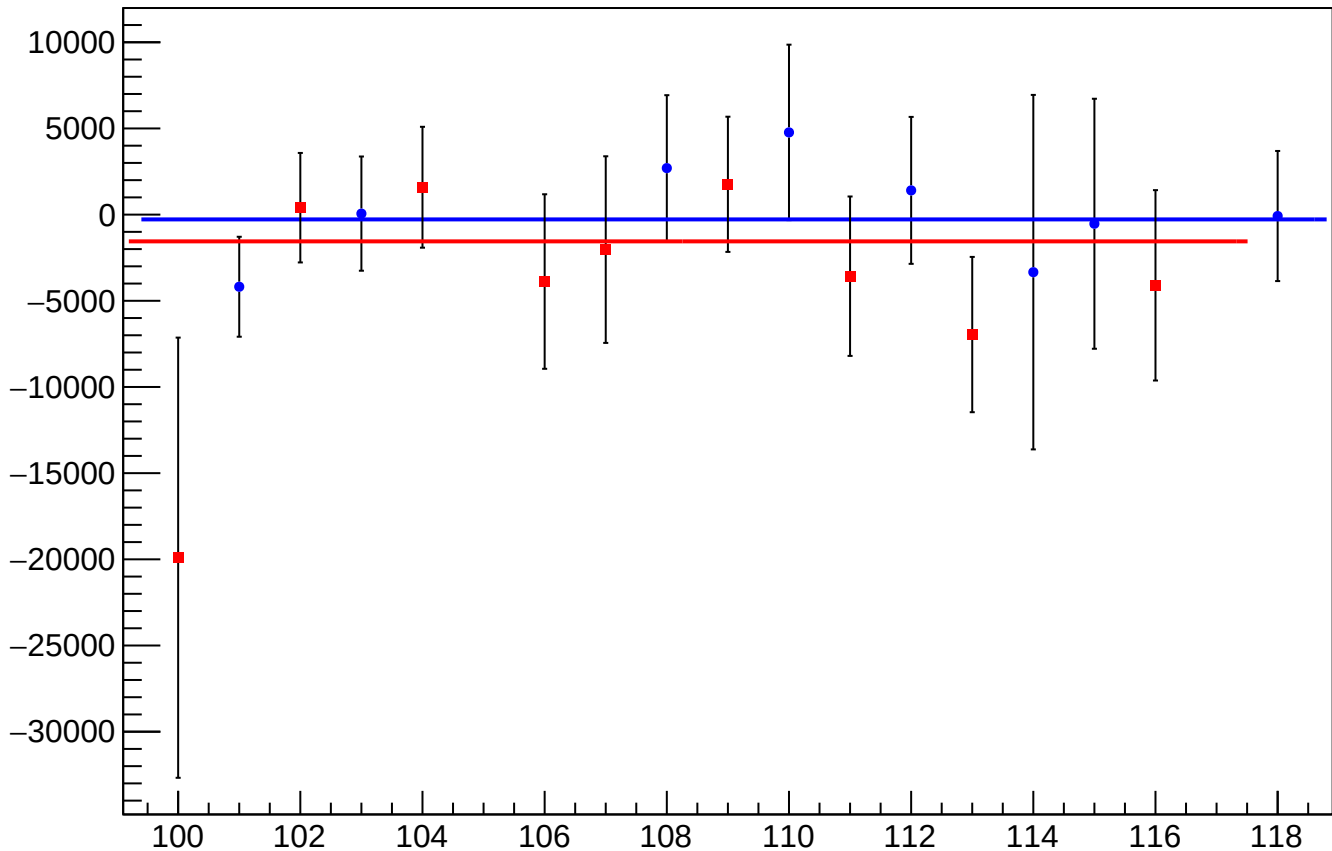
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.314 $\pm$ 0.072 χ^2 /NDF: 110787.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



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: -1551.821 ± 1484.954 χ^2/NDF : 6.0/8

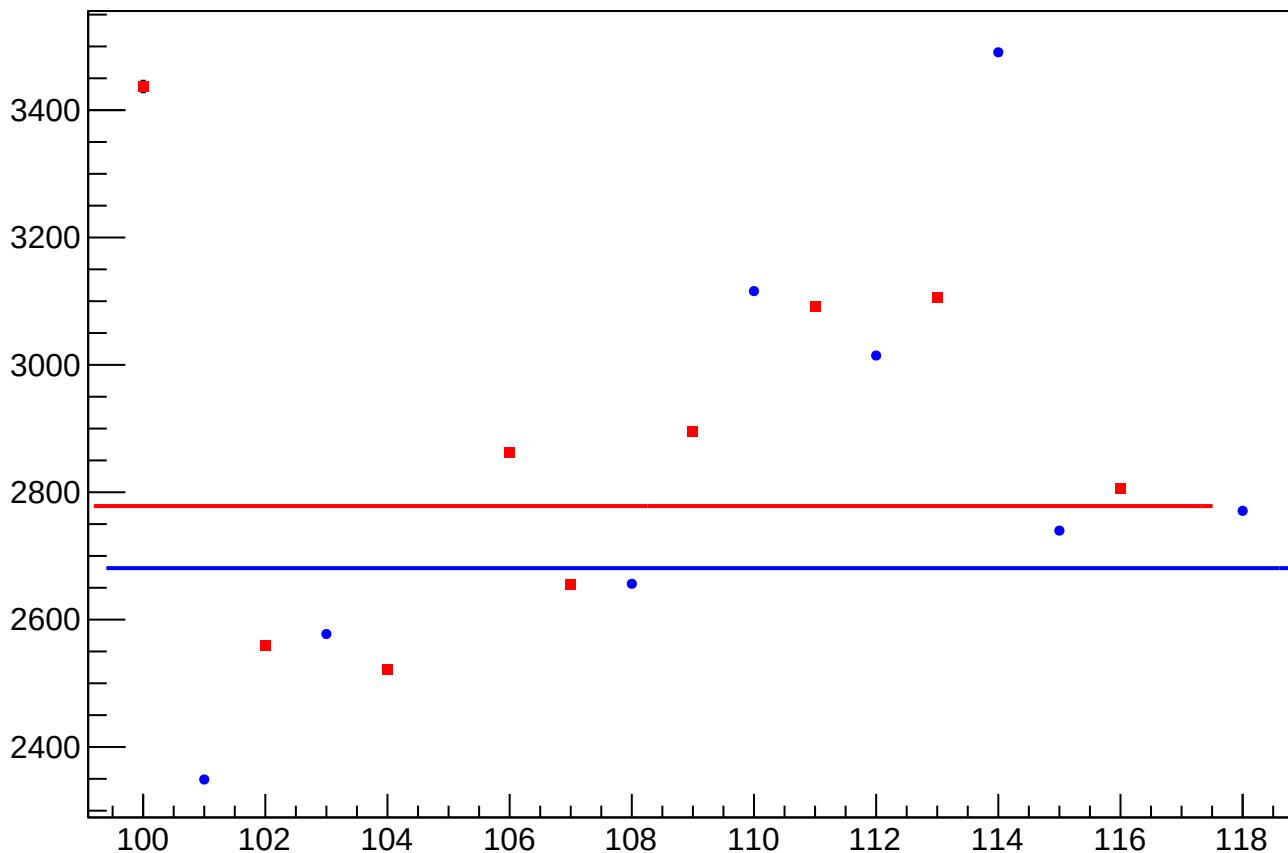
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -911.533 ± 1047.332 χ^2/NDF : 9.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



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: 2778.314+/-1.050 χ^2/NDF : 48553.4/8

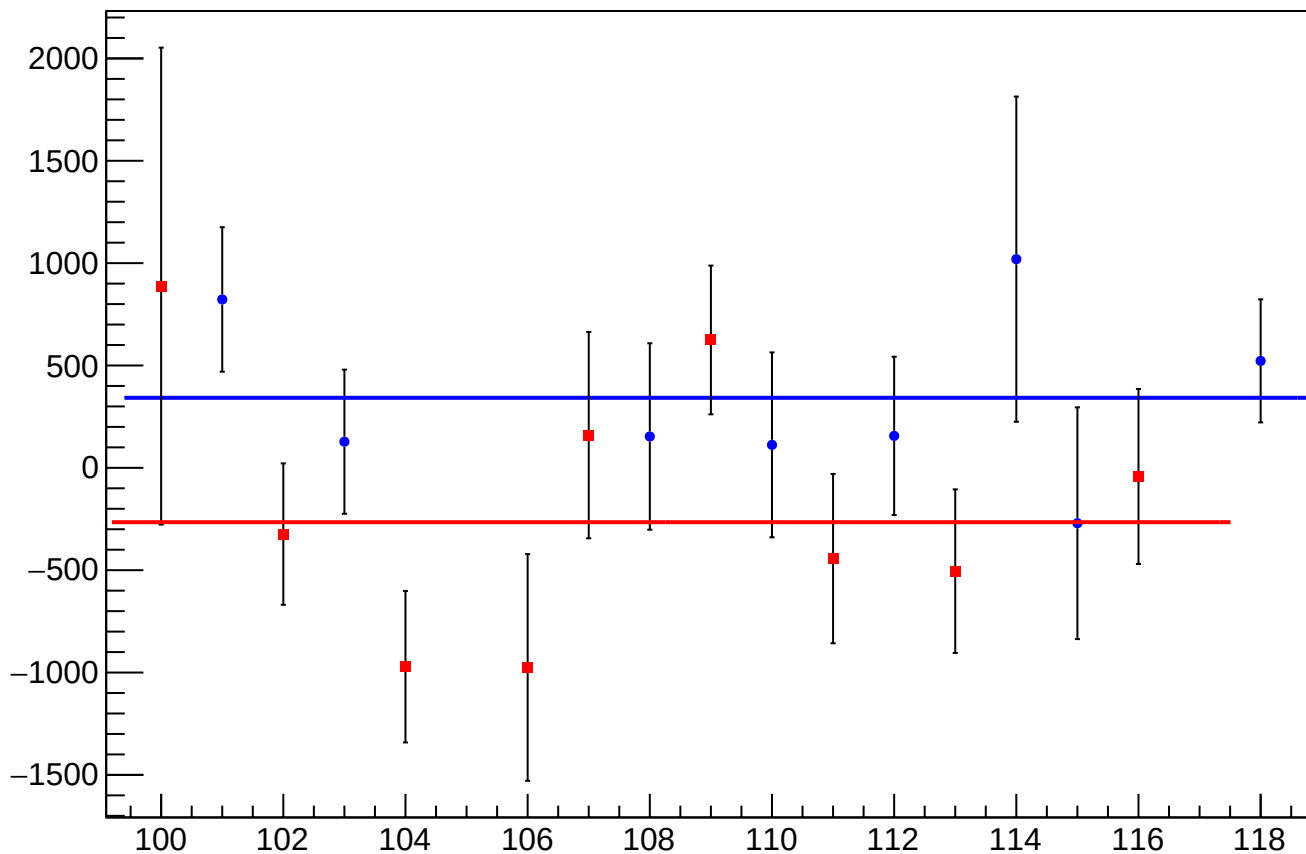
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2729.335+/-0.741 χ^2/NDF : 121642.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 342.196 $\pm$ 143.914 χ^2 /NDF: 5.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.526 $\pm$ 143.176 χ^2 /NDF: 13.8/8

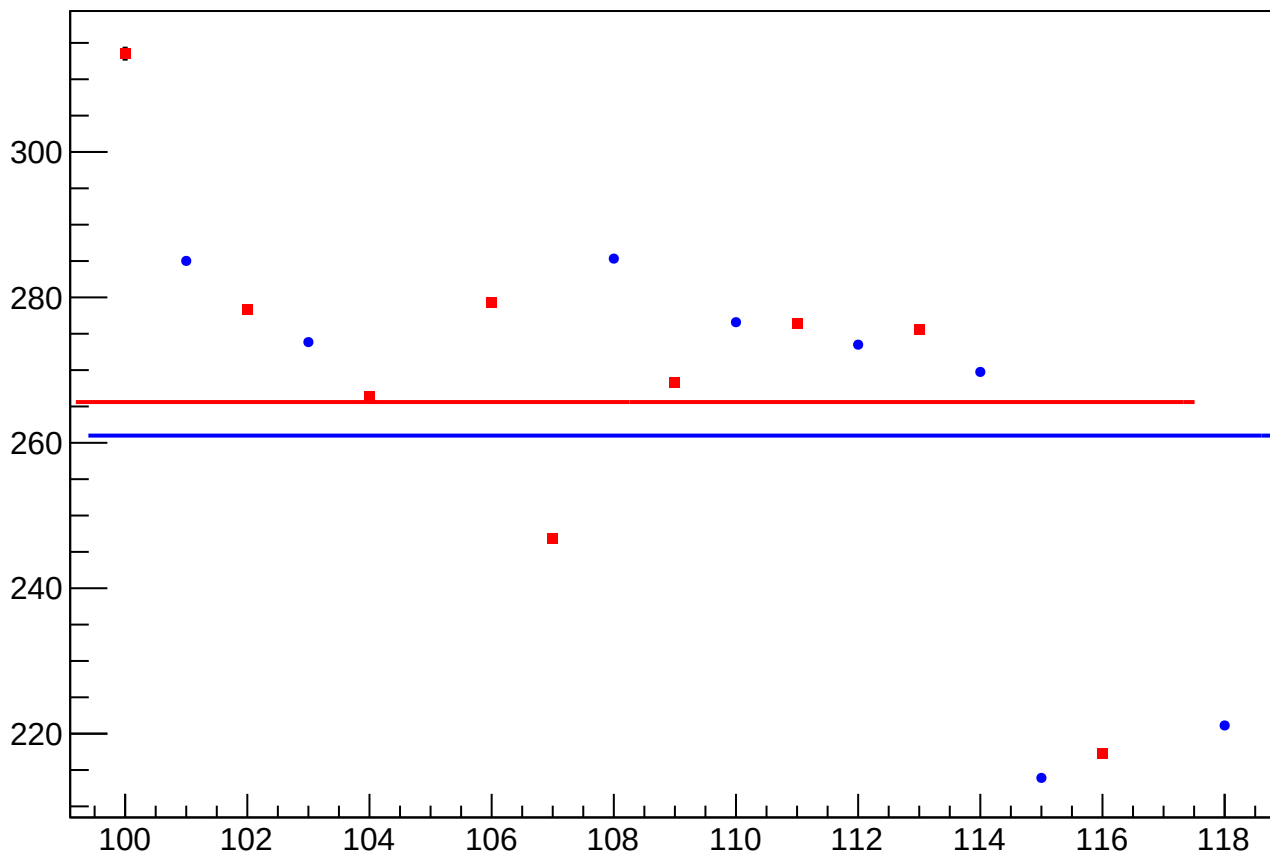
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.772 $\pm$ 101.500 χ^2 /NDF: 27.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



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: 265.607 $\pm$ 0.101 χ^2 /NDF: 38376.1/8

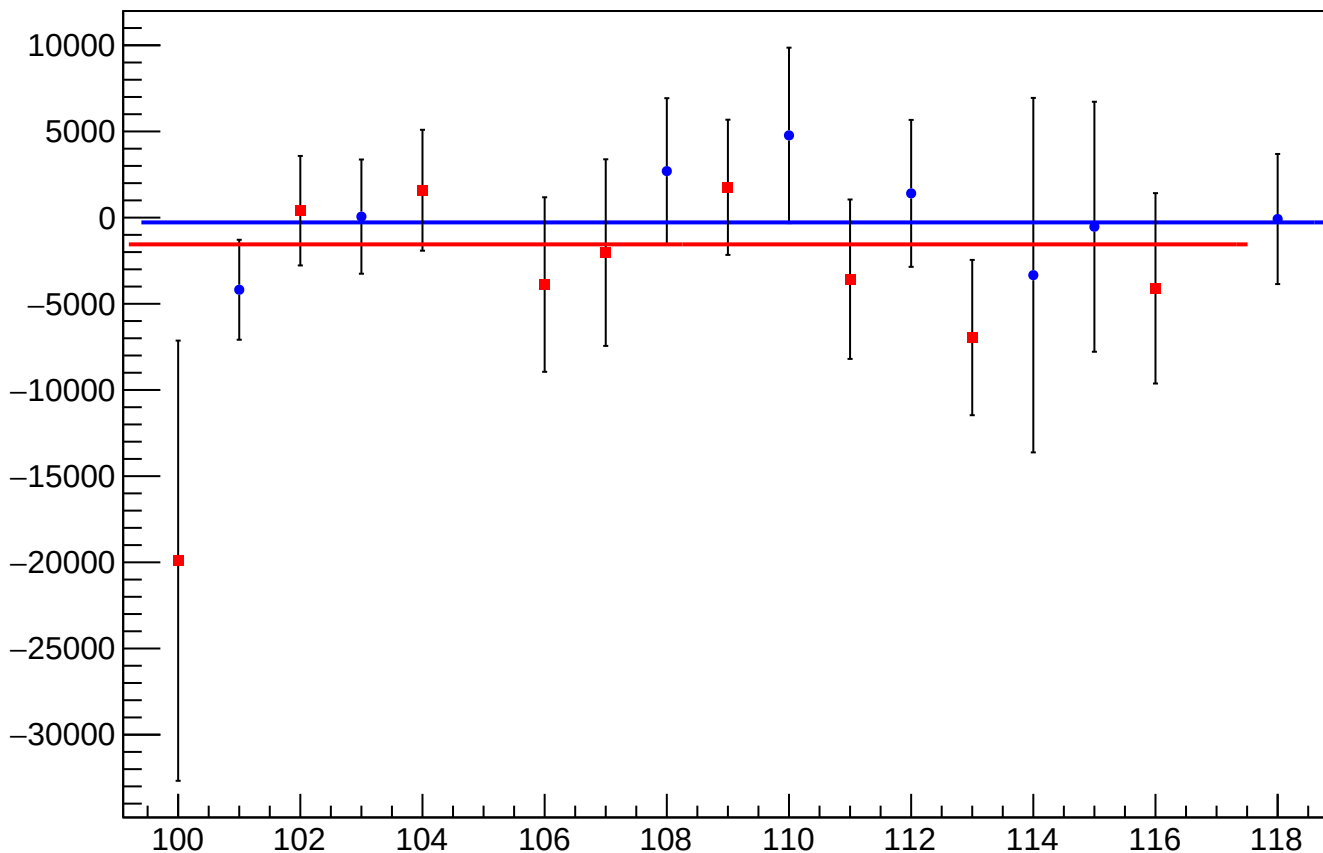
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.312 $\pm$ 0.072 χ^2 /NDF: 110783.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



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: -1551.817+/-1484.949 χ^2/NDF : 6.0/8

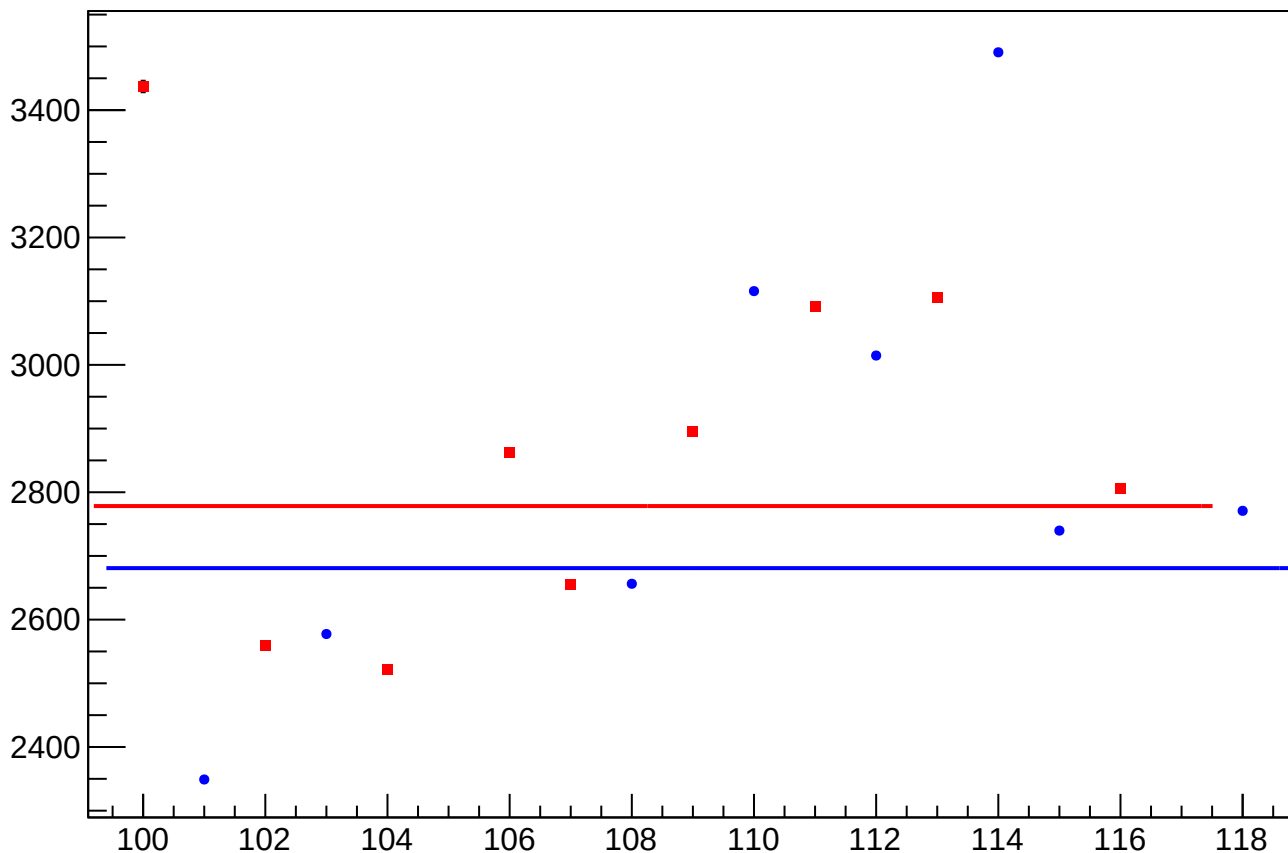
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -911.531+/-1047.329 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2680.848 $\pm$ 1.045 χ^2 /NDF: 68757.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2778.307 $\pm$ 1.050 χ^2 /NDF: 48553.0/8

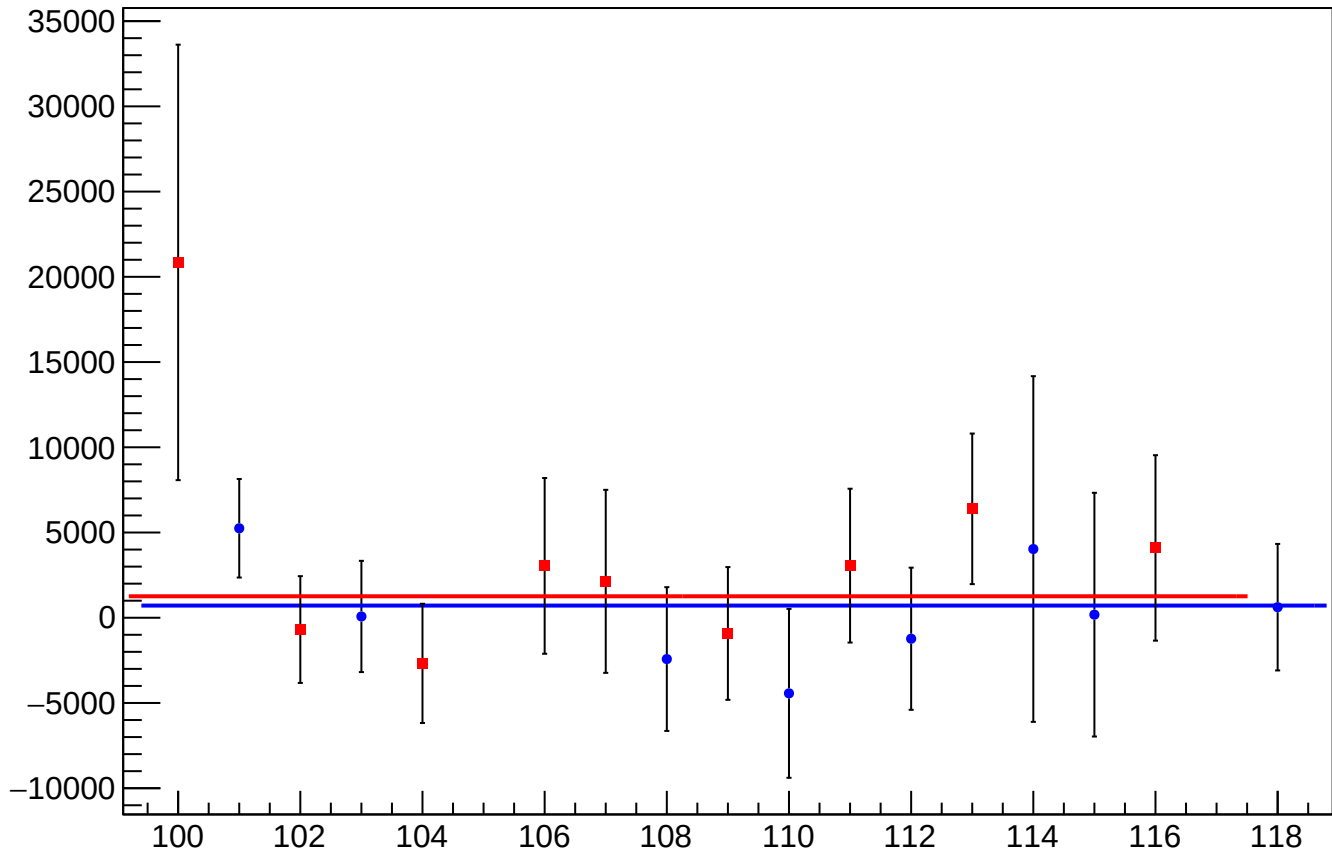
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2729.328 $\pm$ 0.741 χ^2 /NDF: 121640.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 714.194 $\pm$ 1458.538 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1259.264 $\pm$ 1470.719 χ^2 /NDF: 6.2/8

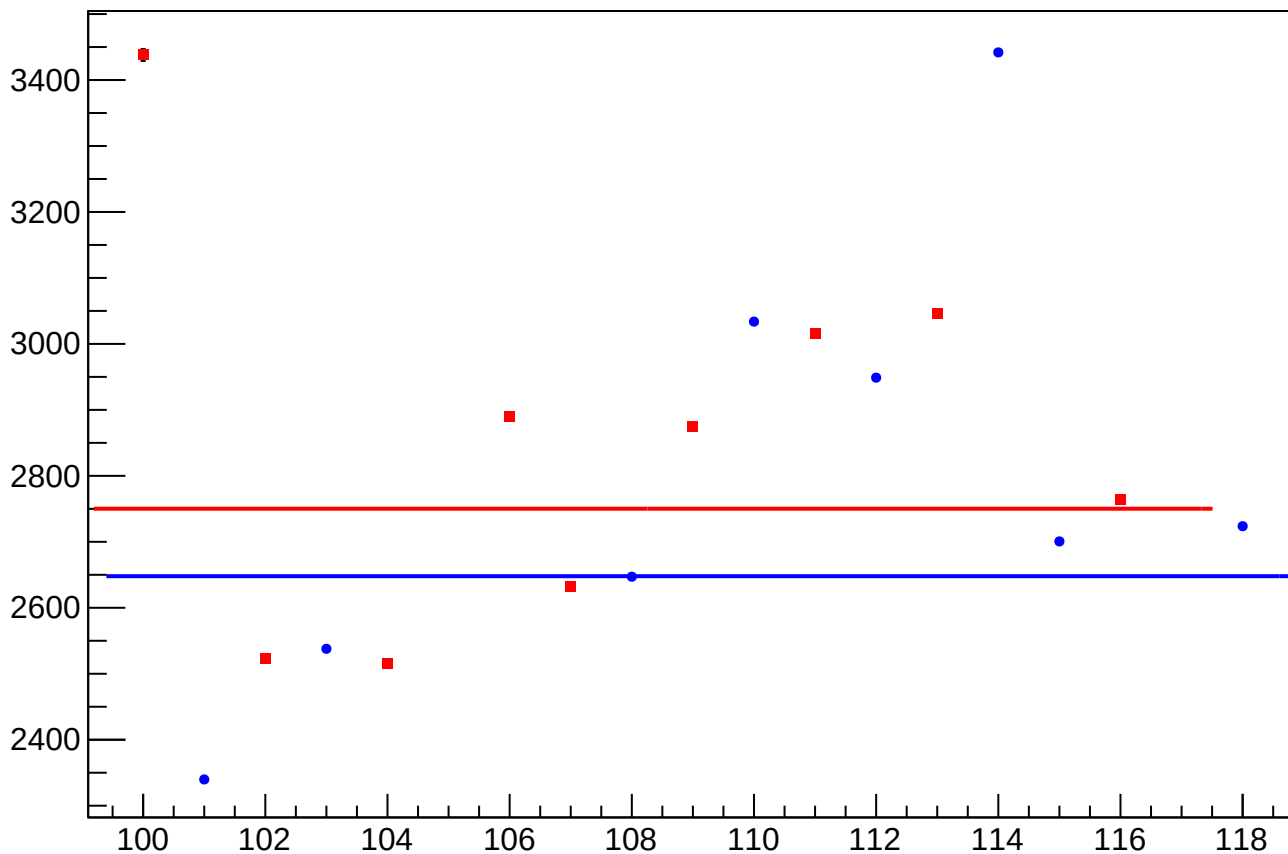
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 984.463 $\pm$ 1035.622 χ^2 /NDF: 10.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_rms vs Slug



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: 2750.167+/-1.040 χ^2 /NDF: 45671.4/8

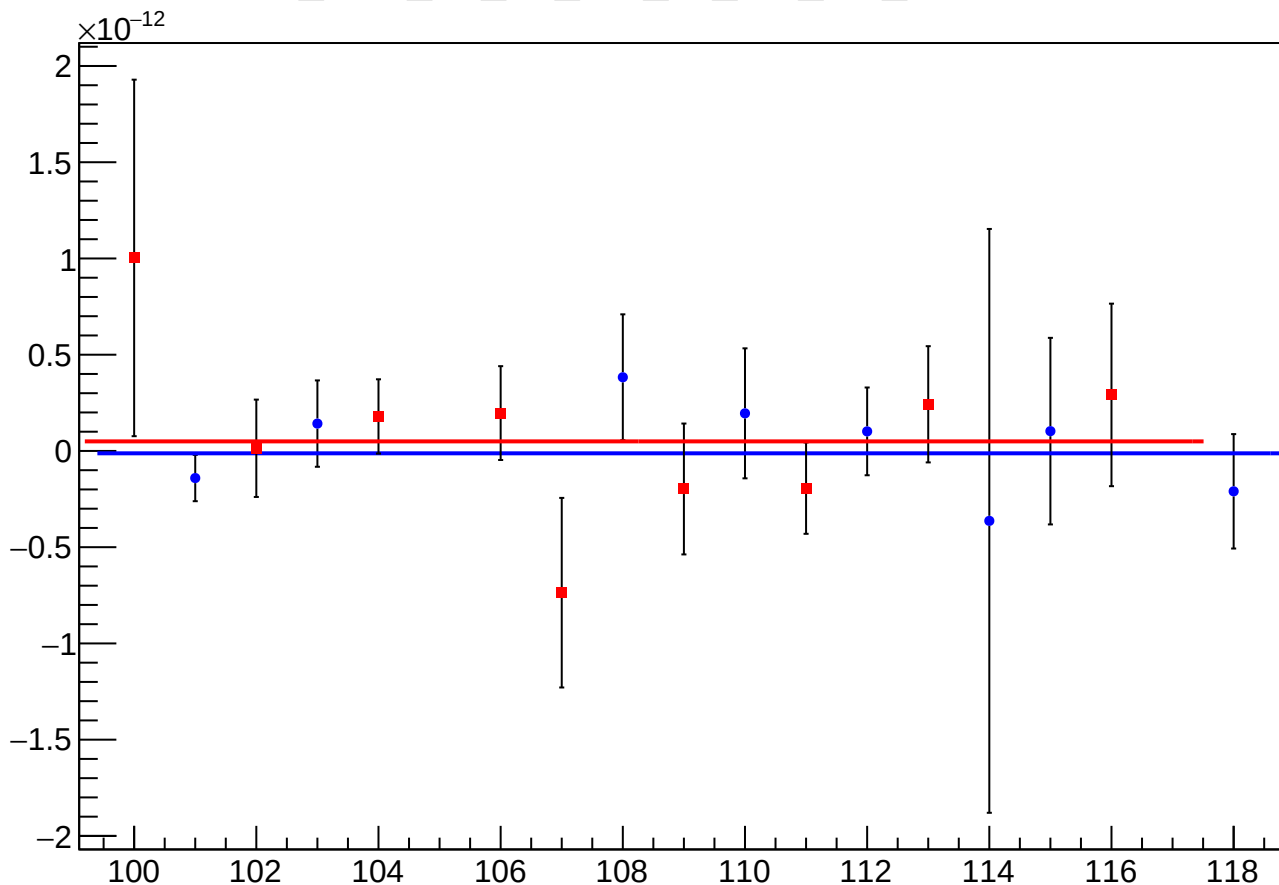
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2698.608+/-0.732 χ^2 /NDF: 111311.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



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 : 6.7/8

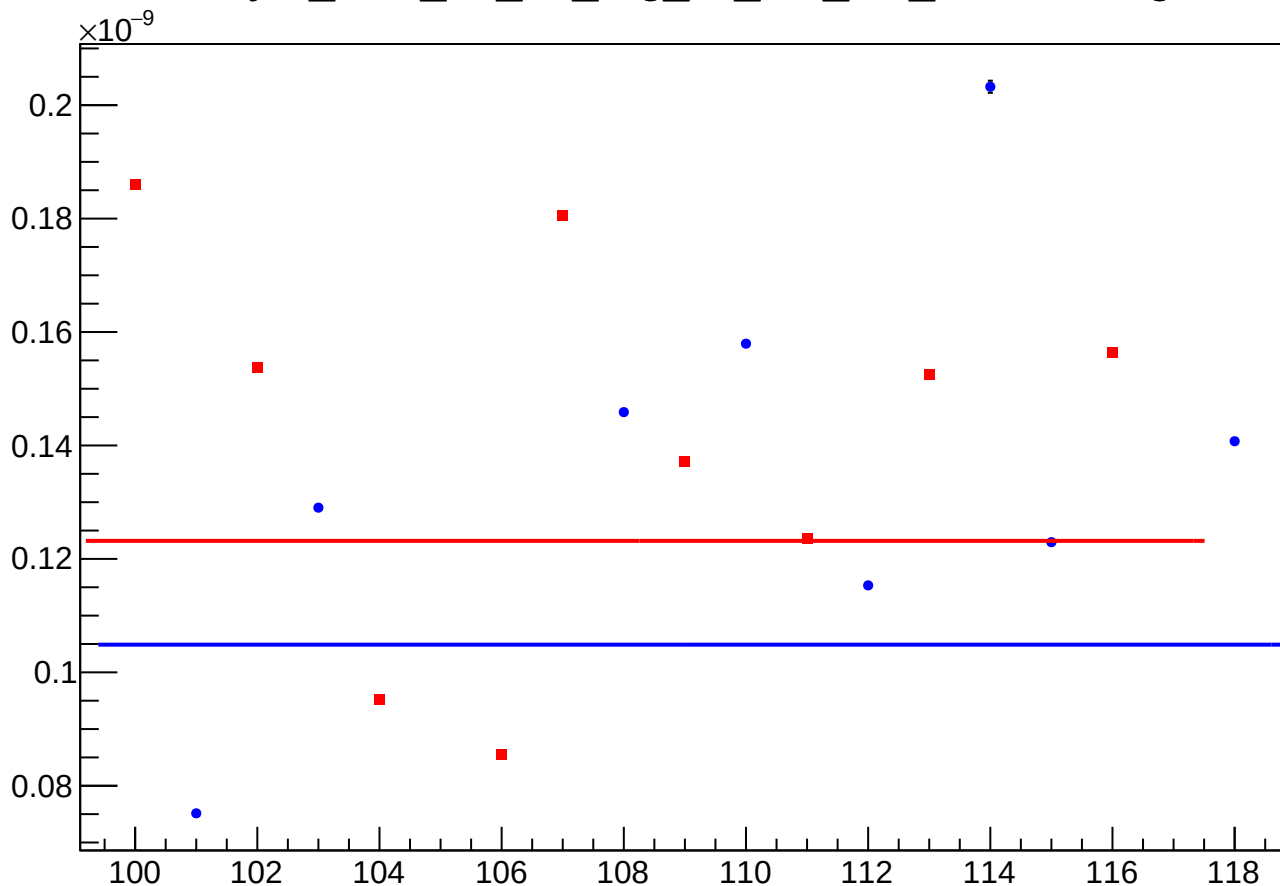
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug



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 : 187446.7/8

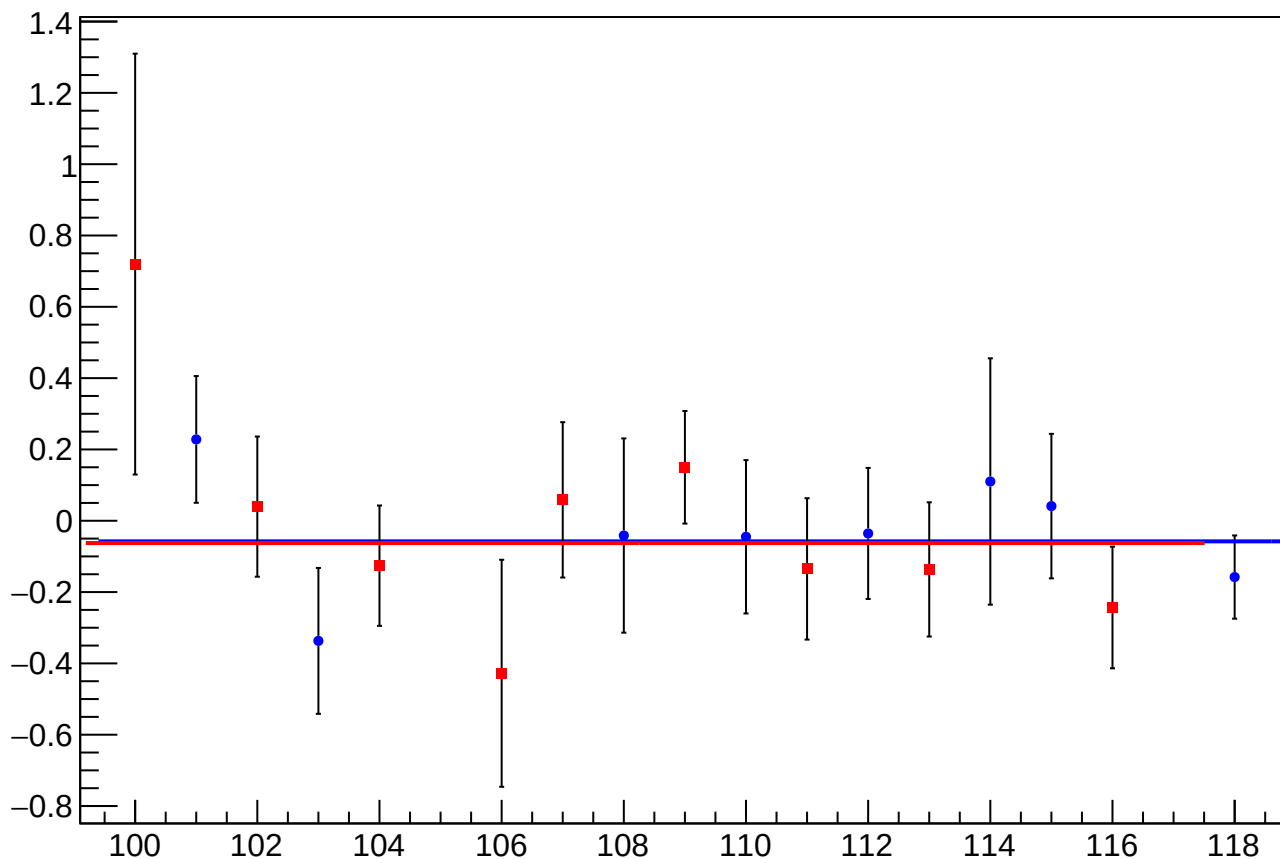
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 499057.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



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: -0.063+/-0.067 χ^2/NDF : 7.0/8

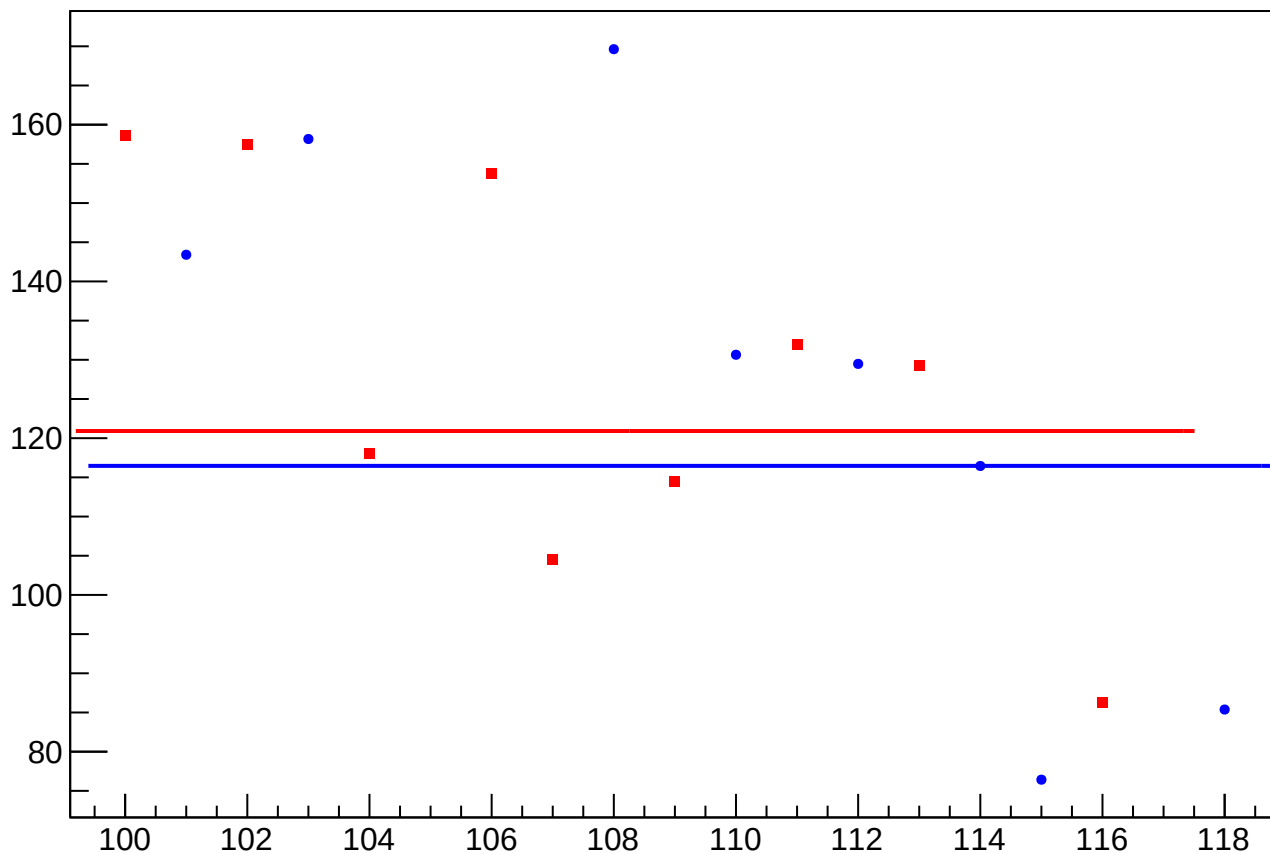
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.060+/-0.047 χ^2/NDF : 12.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



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: 120.914 $\pm$ 0.047 χ^2 /NDF: 206574.5/8

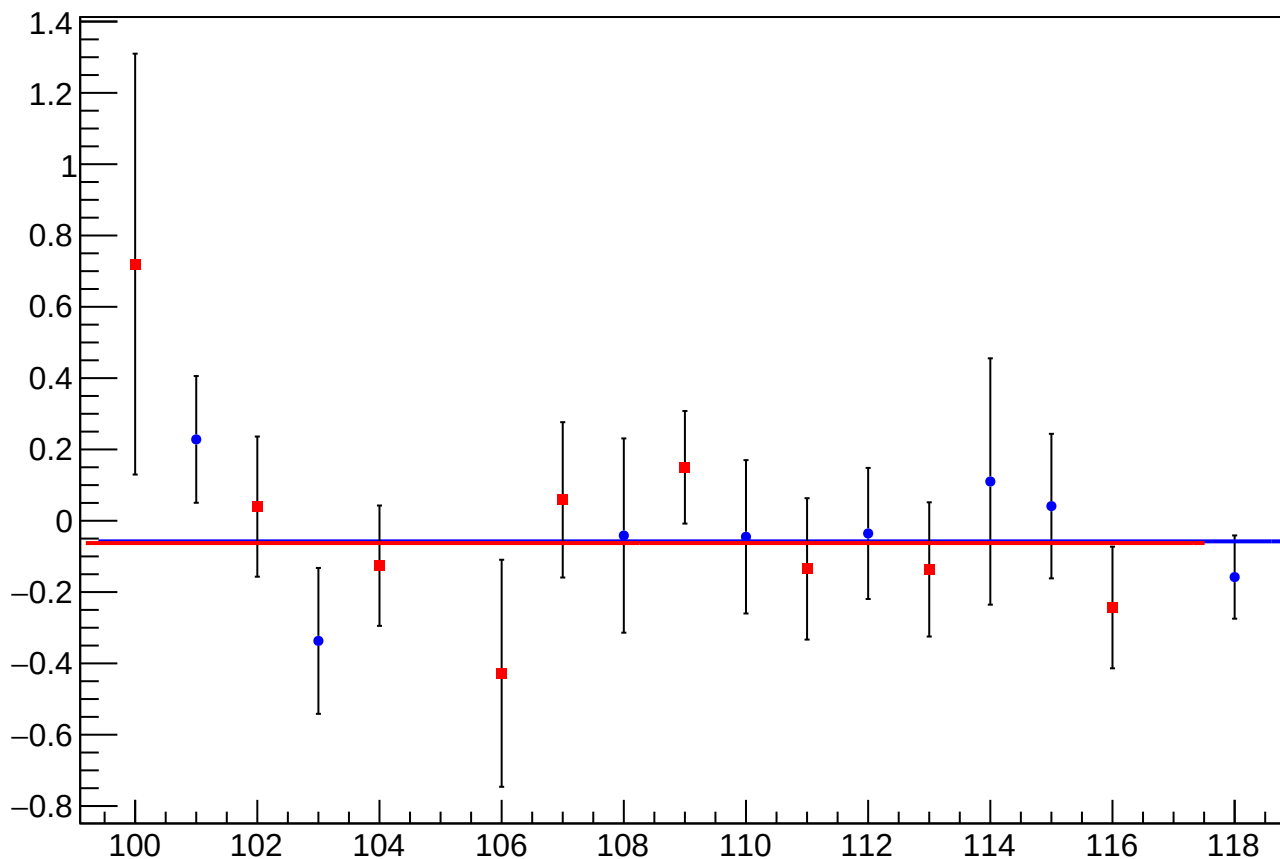
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

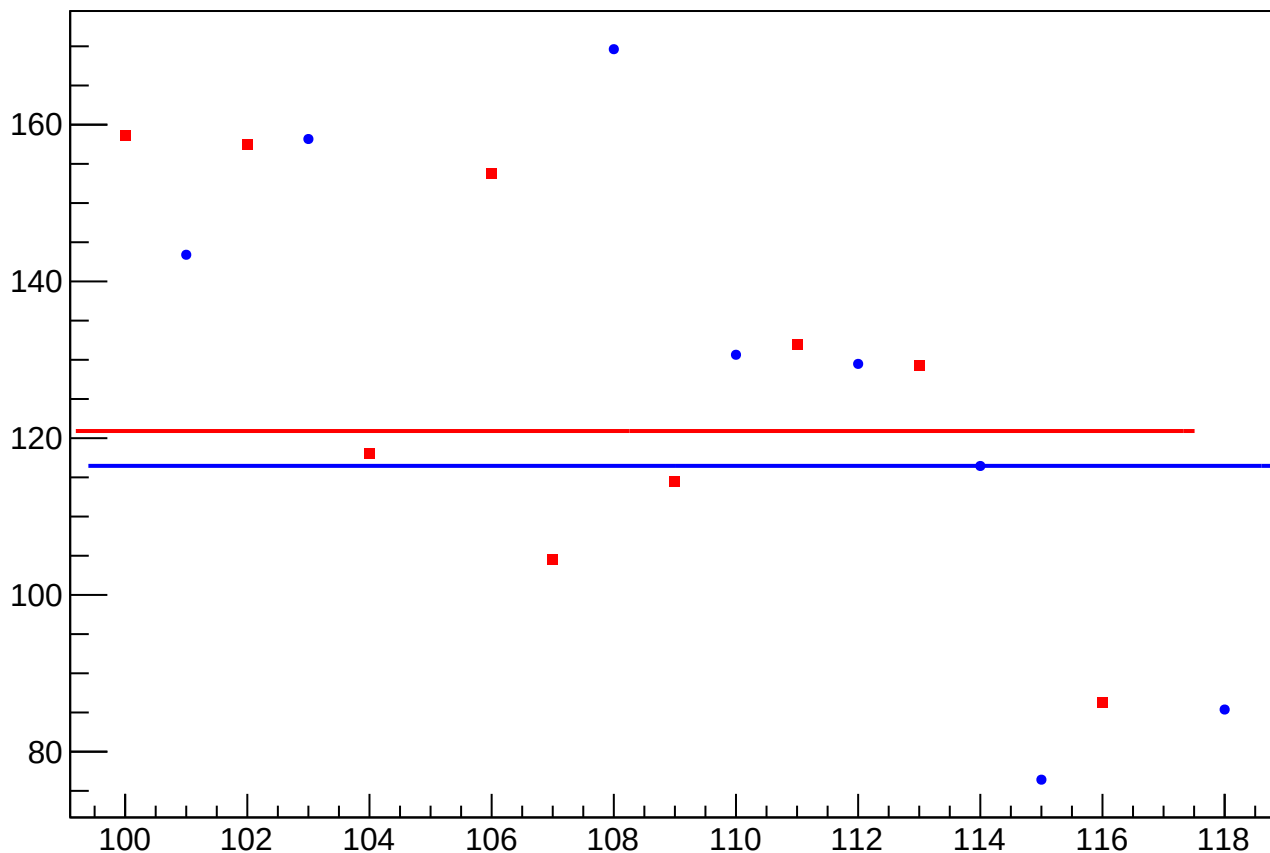
All: 118.674 $\pm$ 0.033 χ^2 /NDF: 654950.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 120.914 $\pm$ 0.047 χ^2 /NDF: 206574.5/8

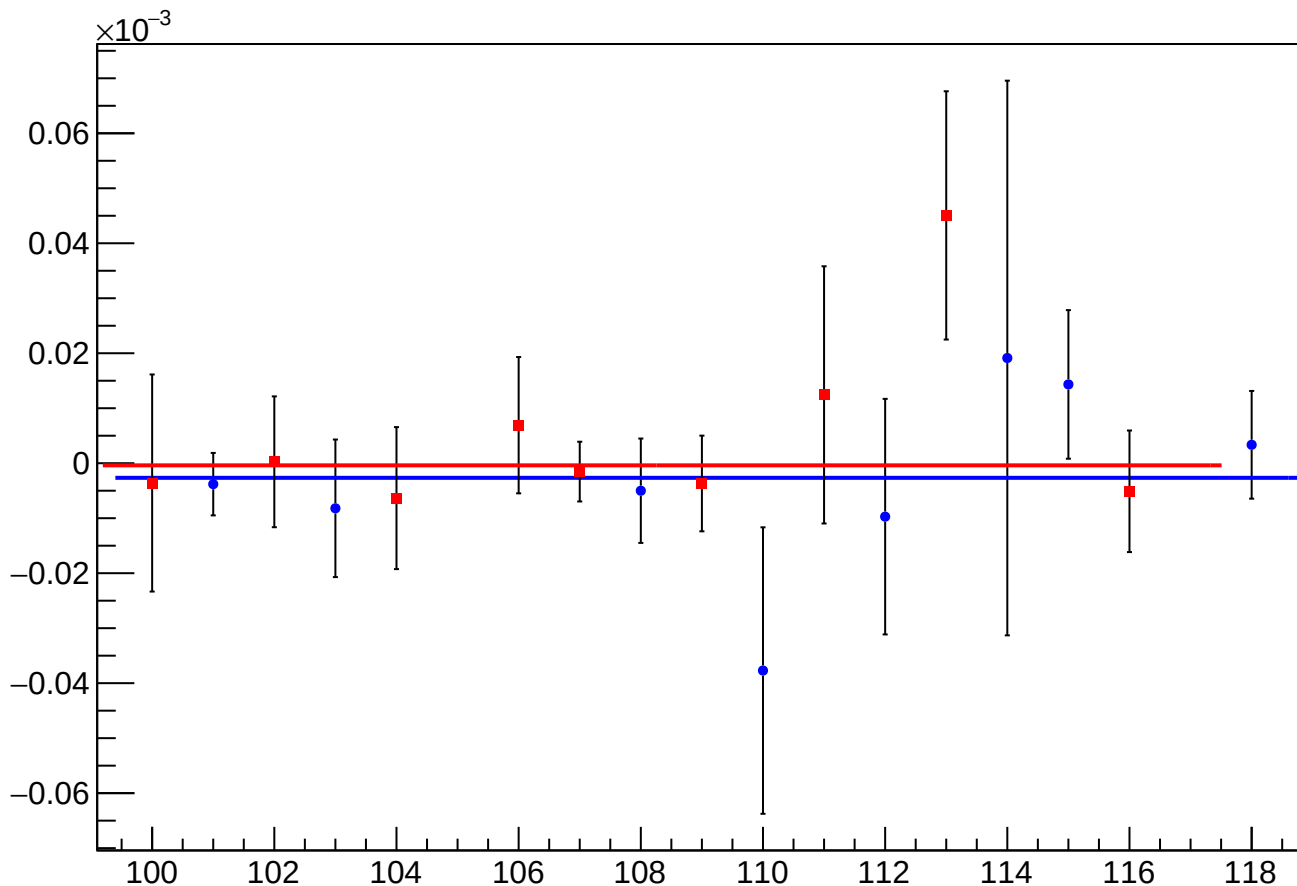
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.674 $\pm$ 0.033 χ^2 /NDF: 654950.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 5.3/8

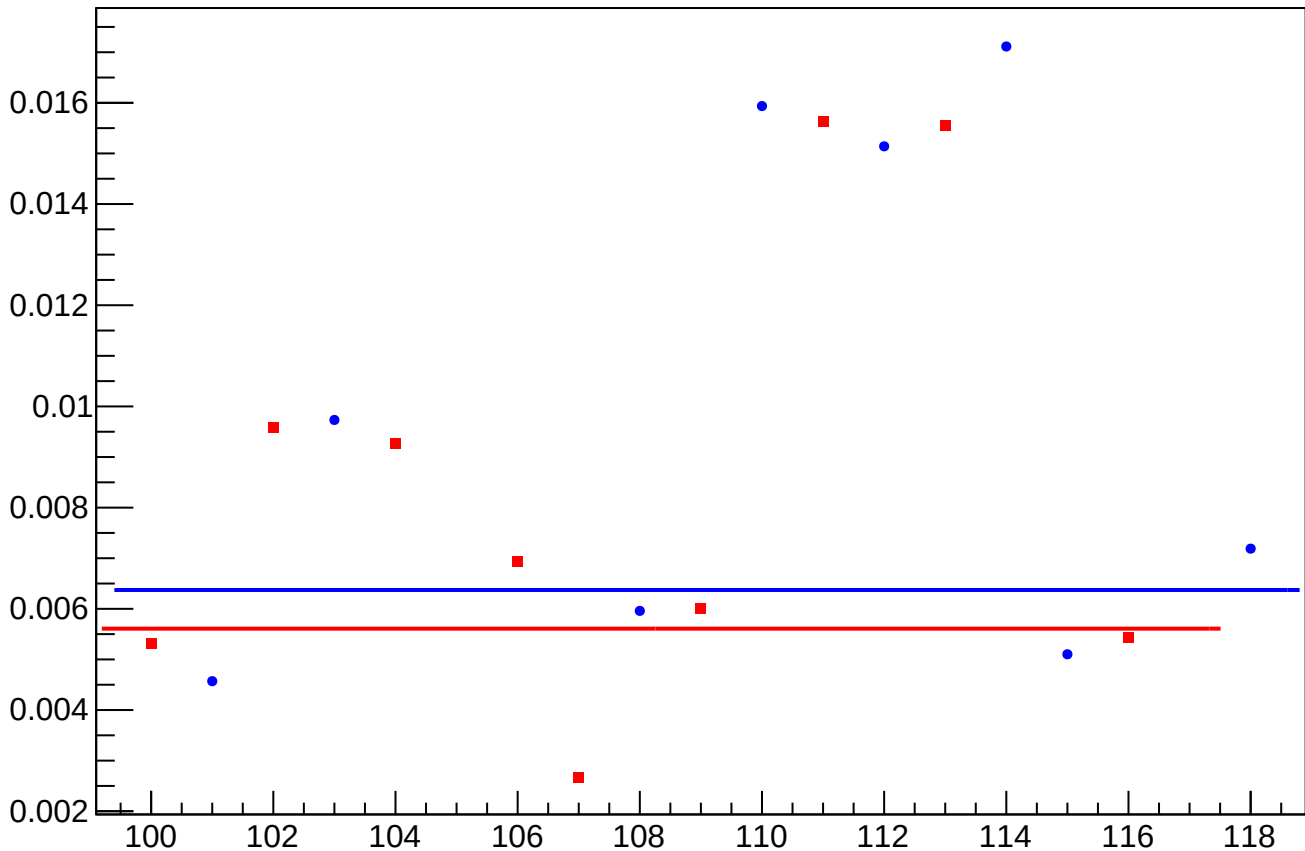
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1754411.2/8

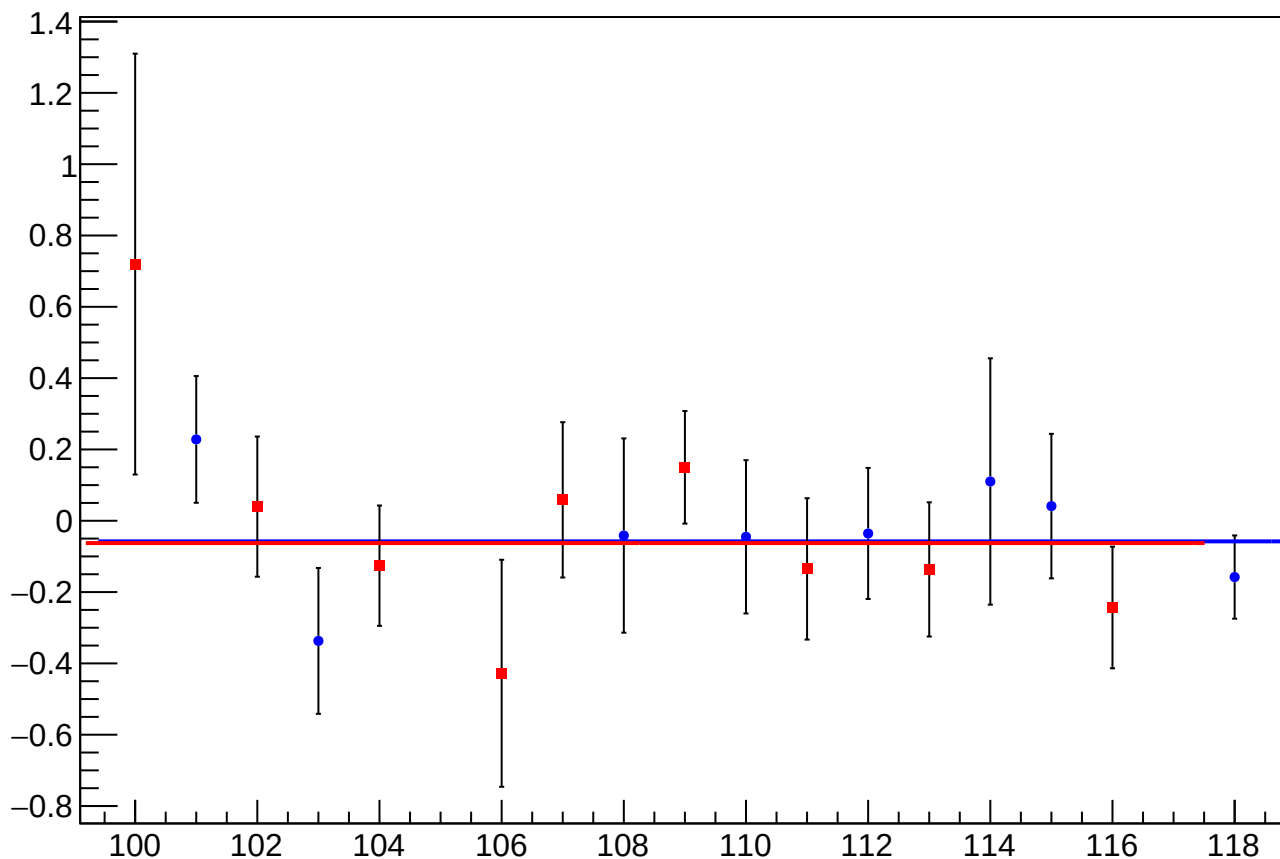
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2874298.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.058 $\pm$ 0.066 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.063 $\pm$ 0.067 χ^2 /NDF: 7.0/8

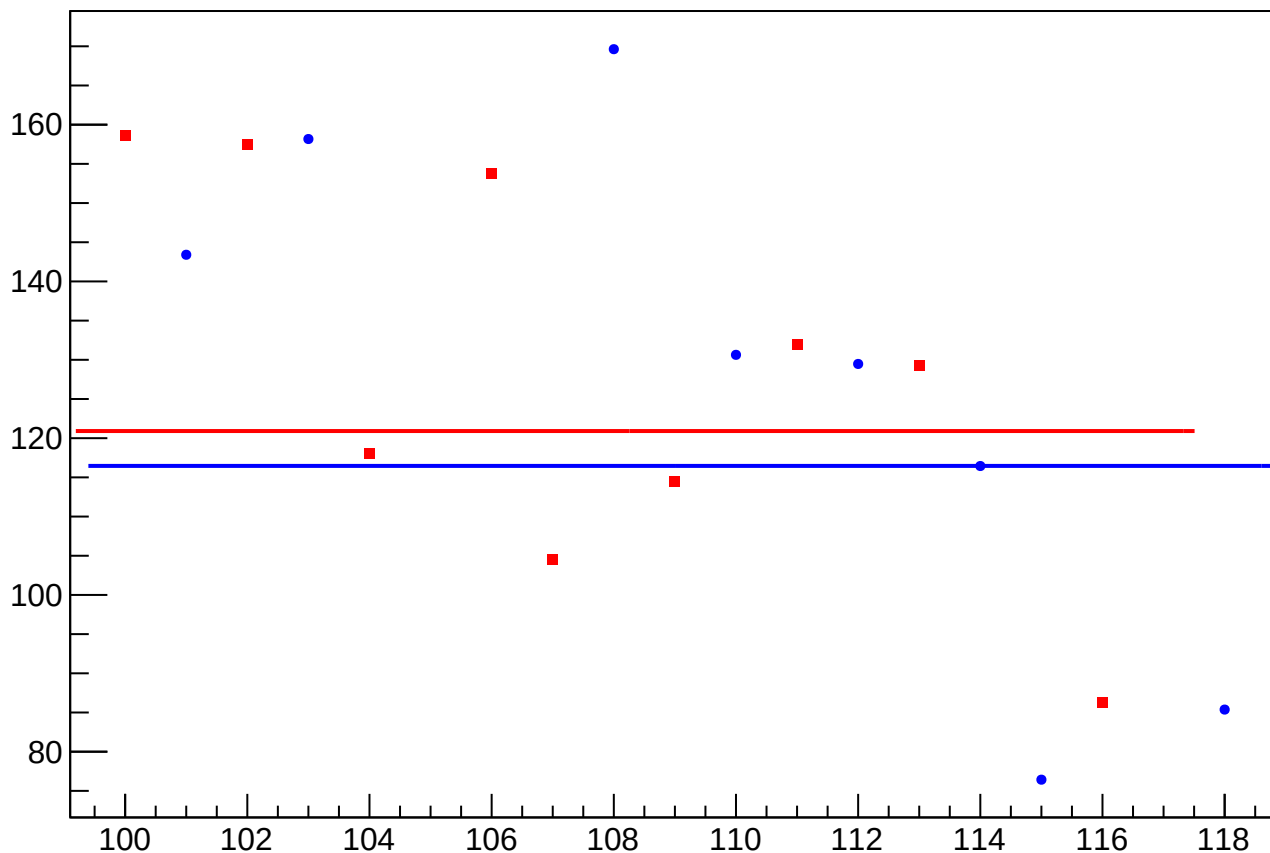
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.060 $\pm$ 0.047 χ^2 /NDF: 12.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 120.911+/-0.047 χ^2/NDF : 206554.0/8

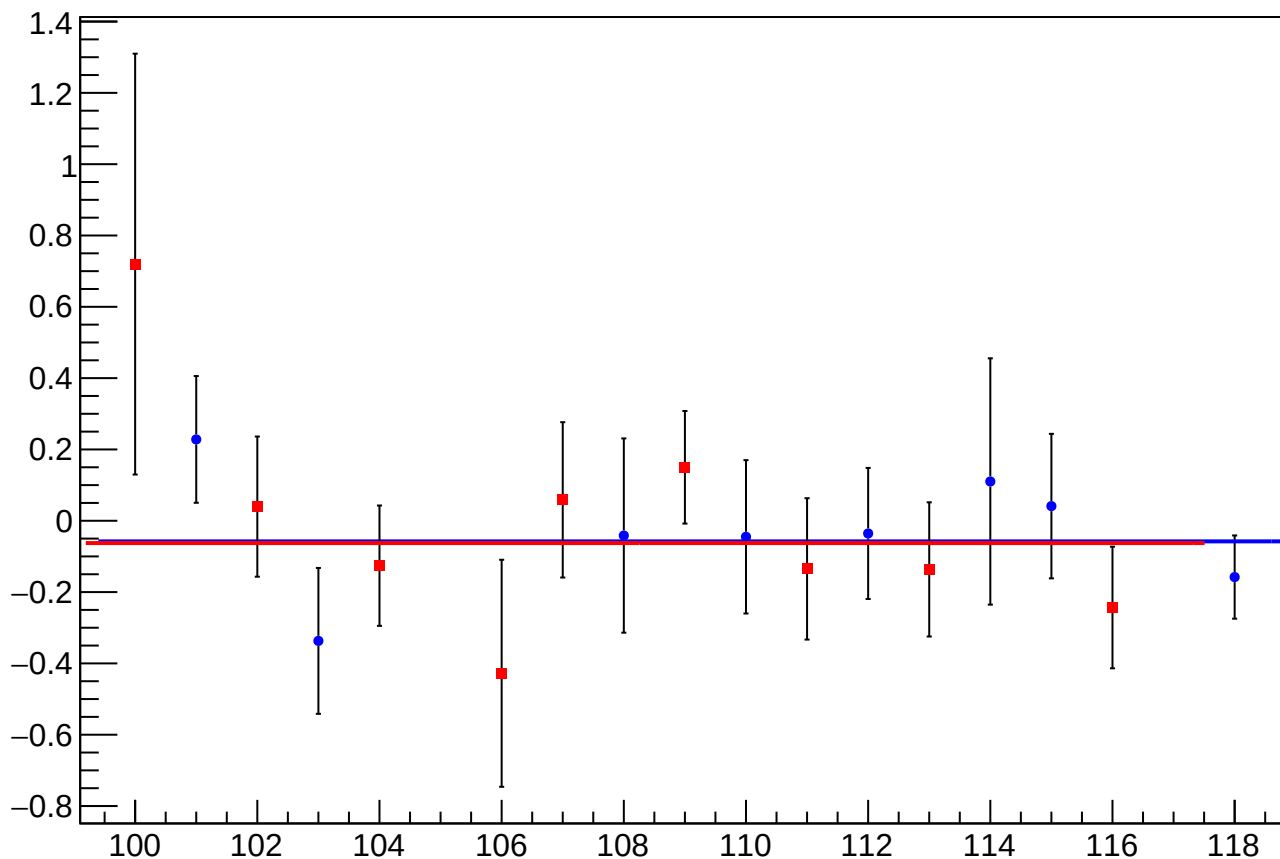
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

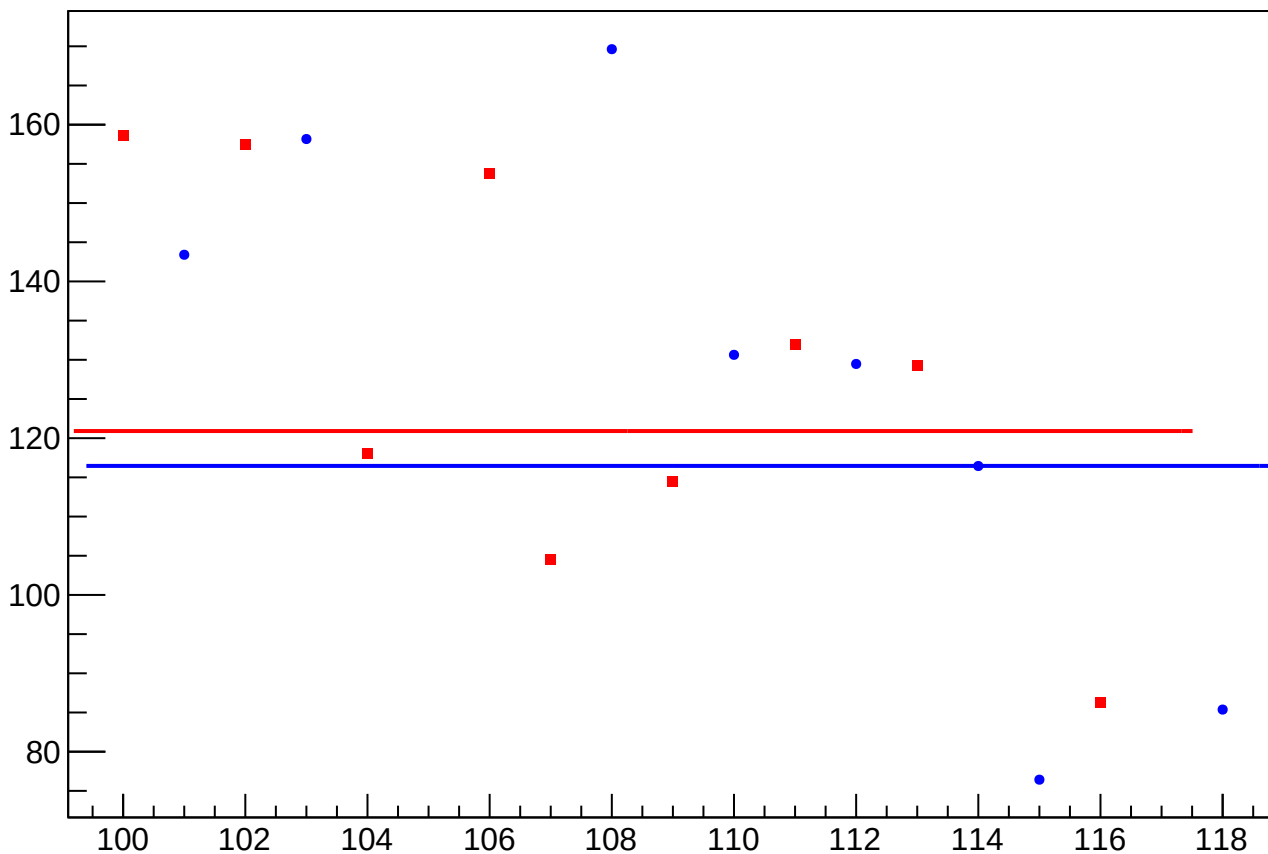
All: 118.670+/-0.033 χ^2/NDF : 654941.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 120.911 $\pm$ 0.047 χ^2 /NDF: 206554.0/8

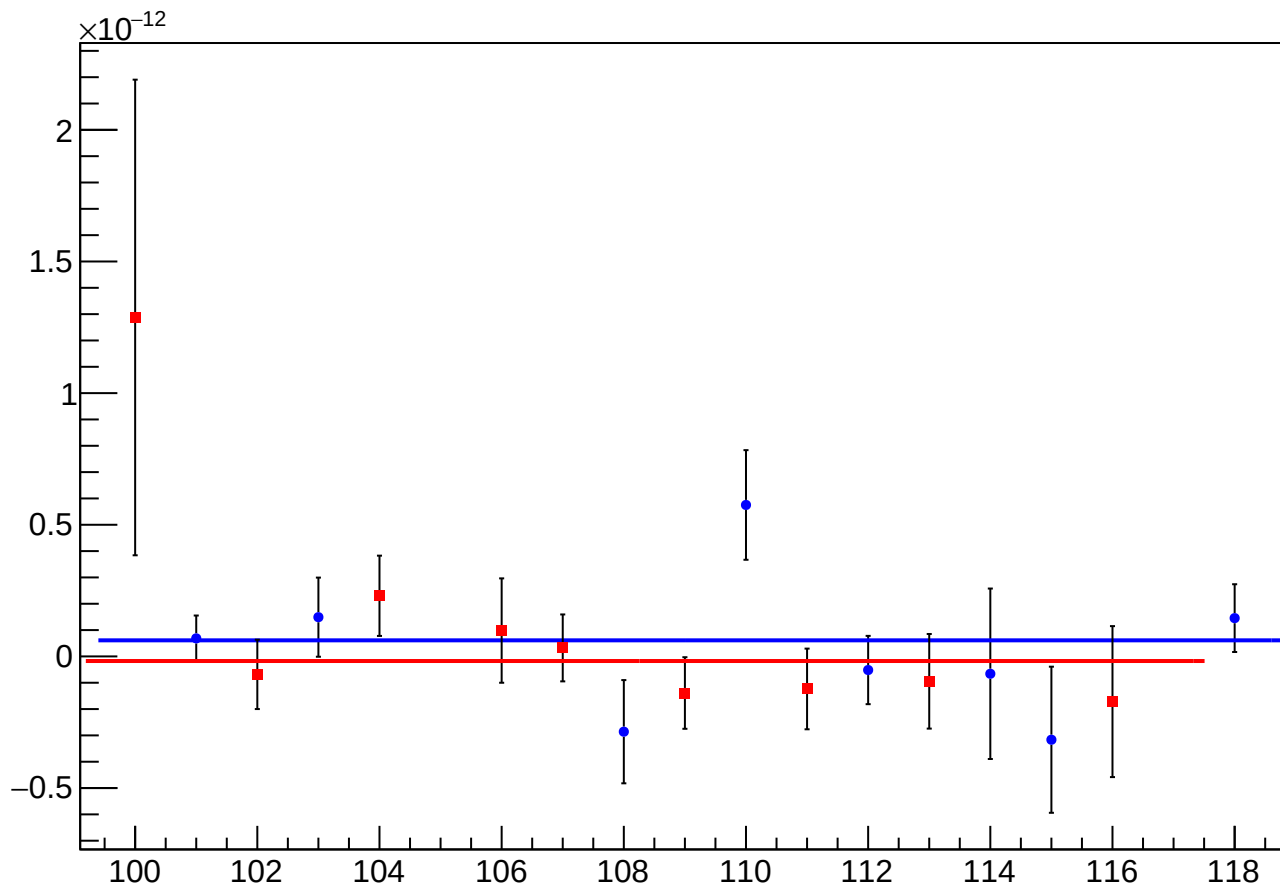
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.670 $\pm$ 0.033 χ^2 /NDF: 654941.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.1/8

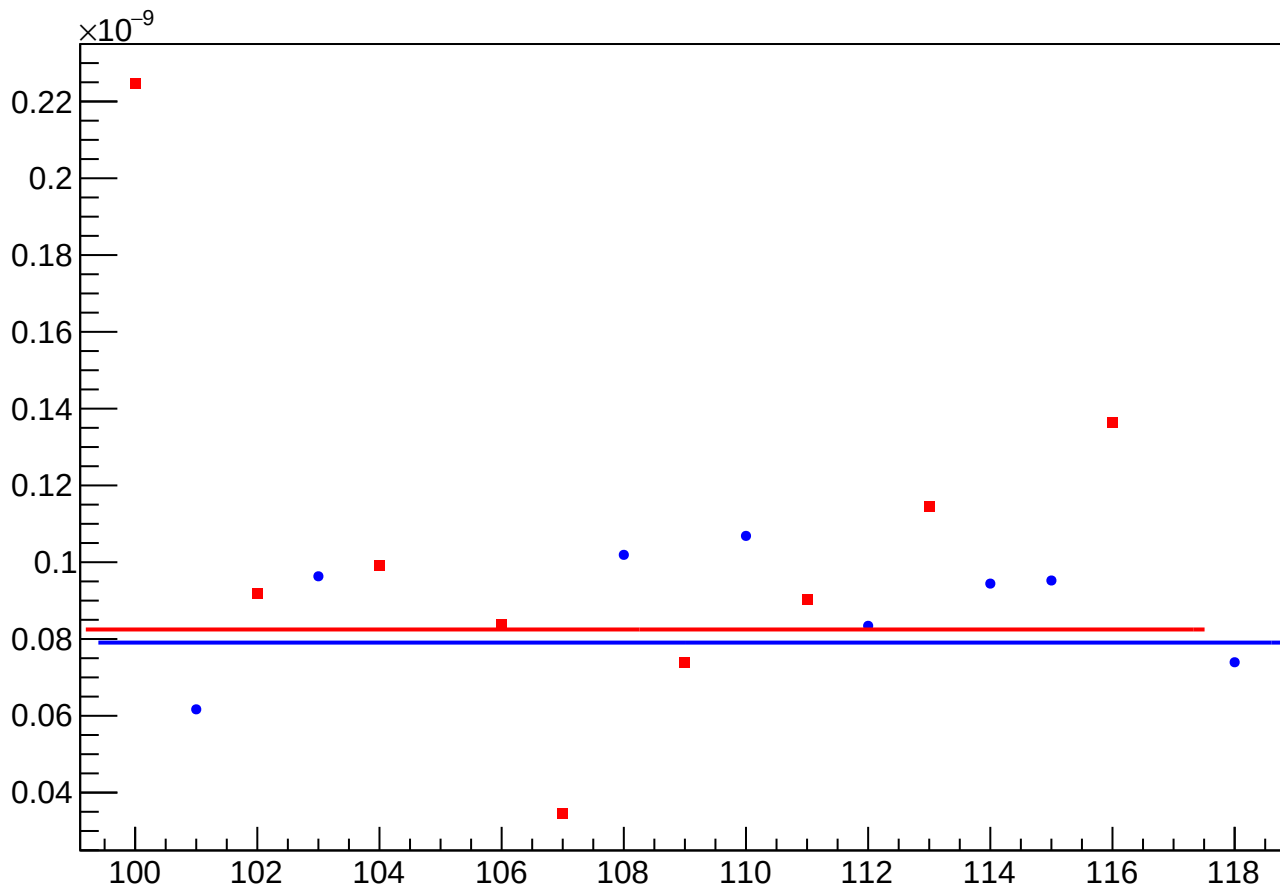
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 186168.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 514823.7/8

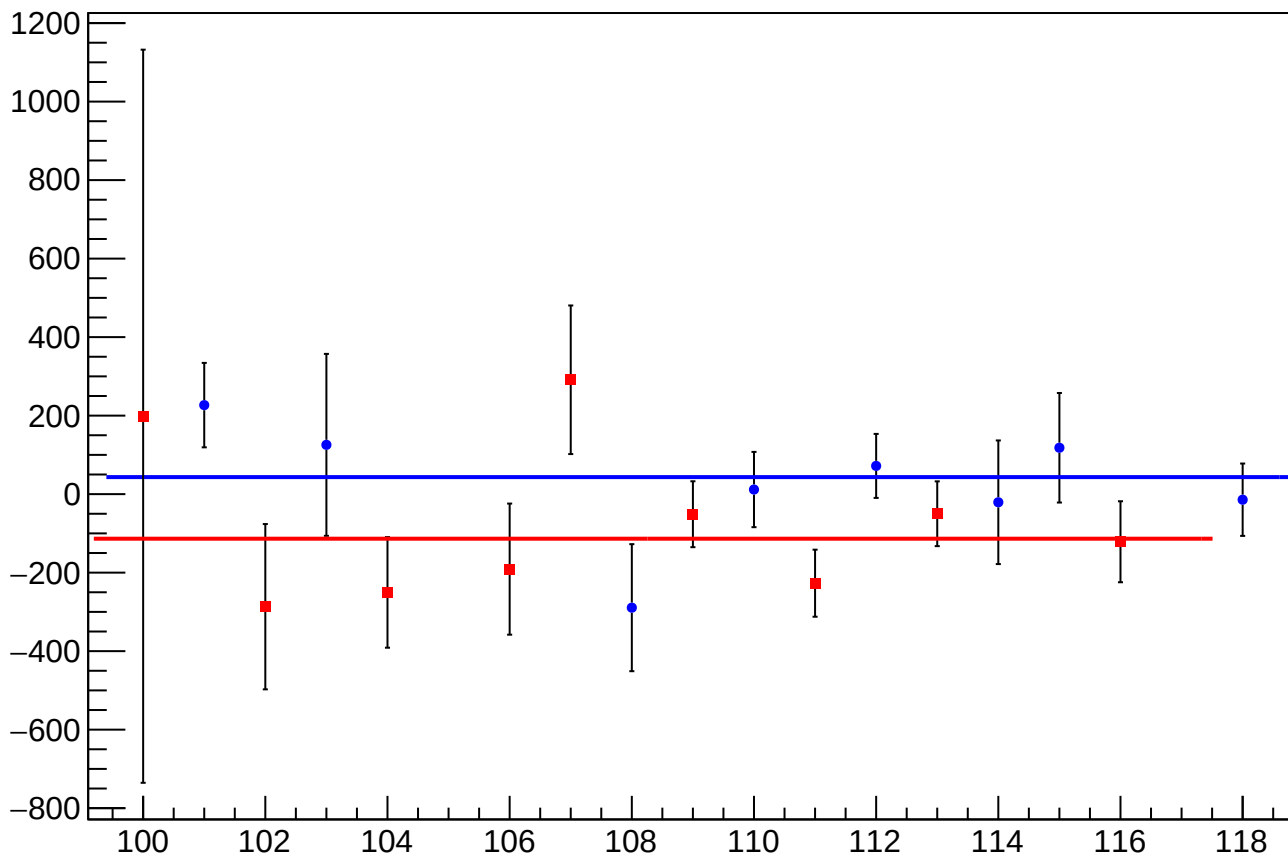
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 705049.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_mean vs Slug



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: -113.549+/-38.996 χ^2/NDF : 9.4/8

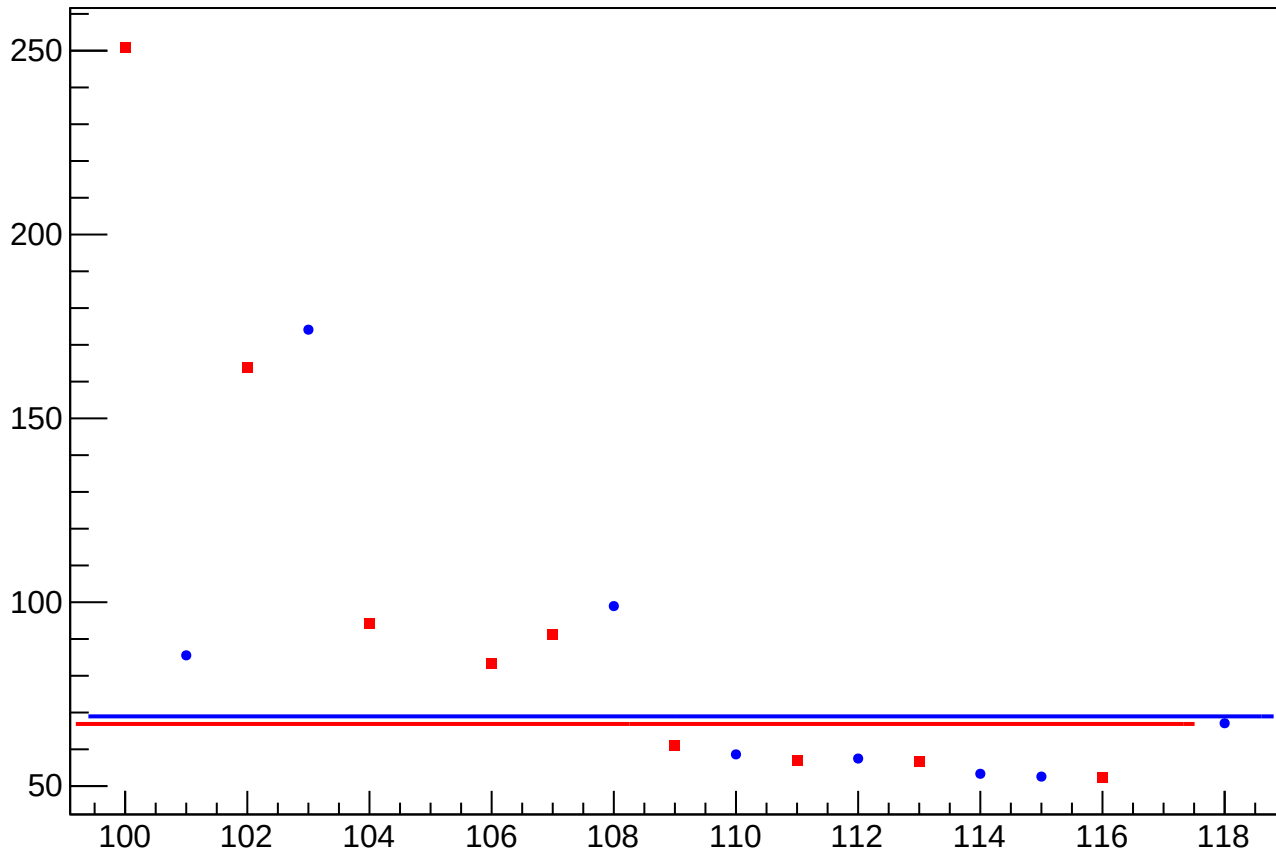
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.917+/-28.067 χ^2/NDF : 25.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 68.956 $\pm$ 0.029 χ^2 /NDF: 639051.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.893 $\pm$ 0.028 χ^2 /NDF: 735851.0/8

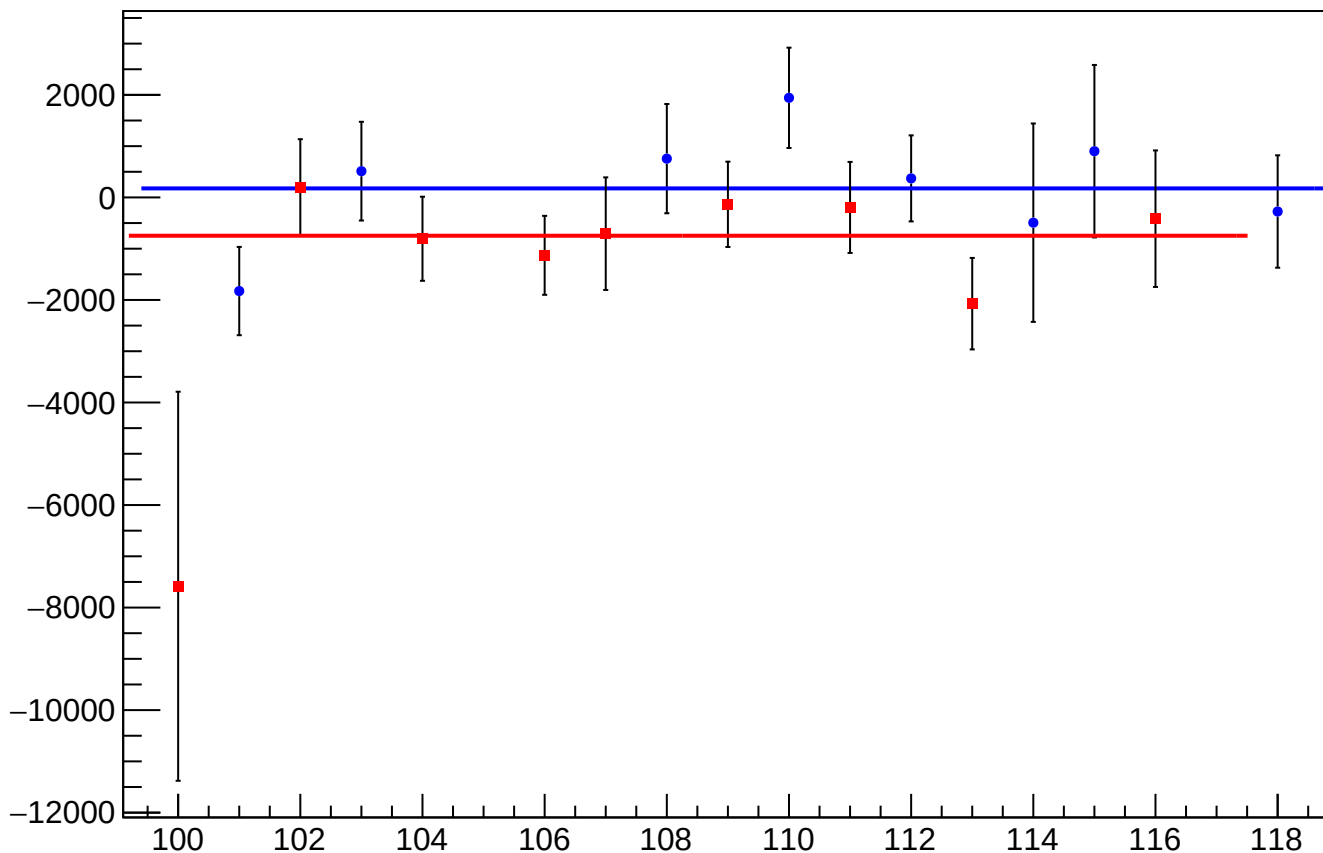
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.887 $\pm$ 0.020 χ^2 /NDF: 1377599.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: 176.000 $\pm$ 372.007 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -747.253 $\pm$ 320.470 χ^2 /NDF: 7.7/8

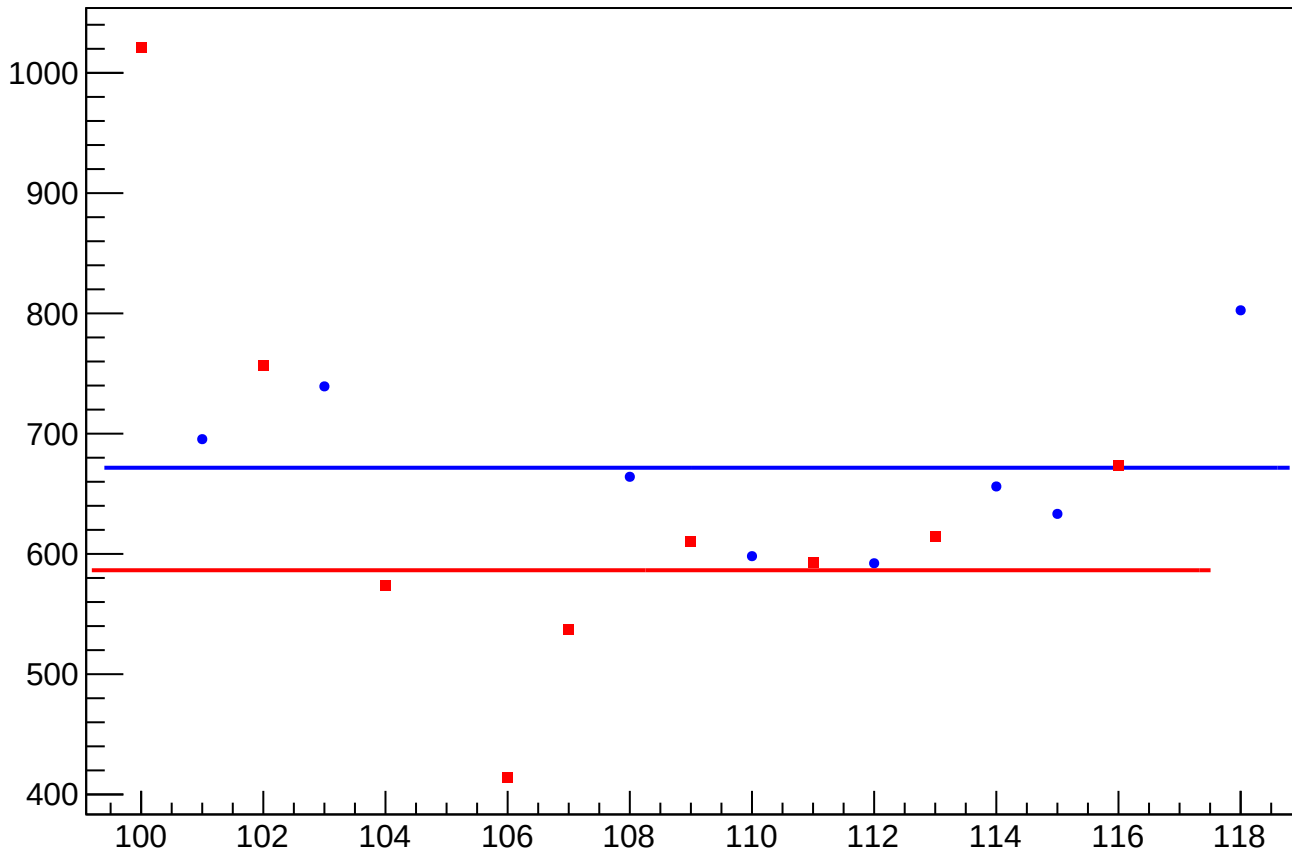
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -353.960 $\pm$ 242.800 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



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: 586.429+/-0.227 χ^2/NDF : 208497.6/8

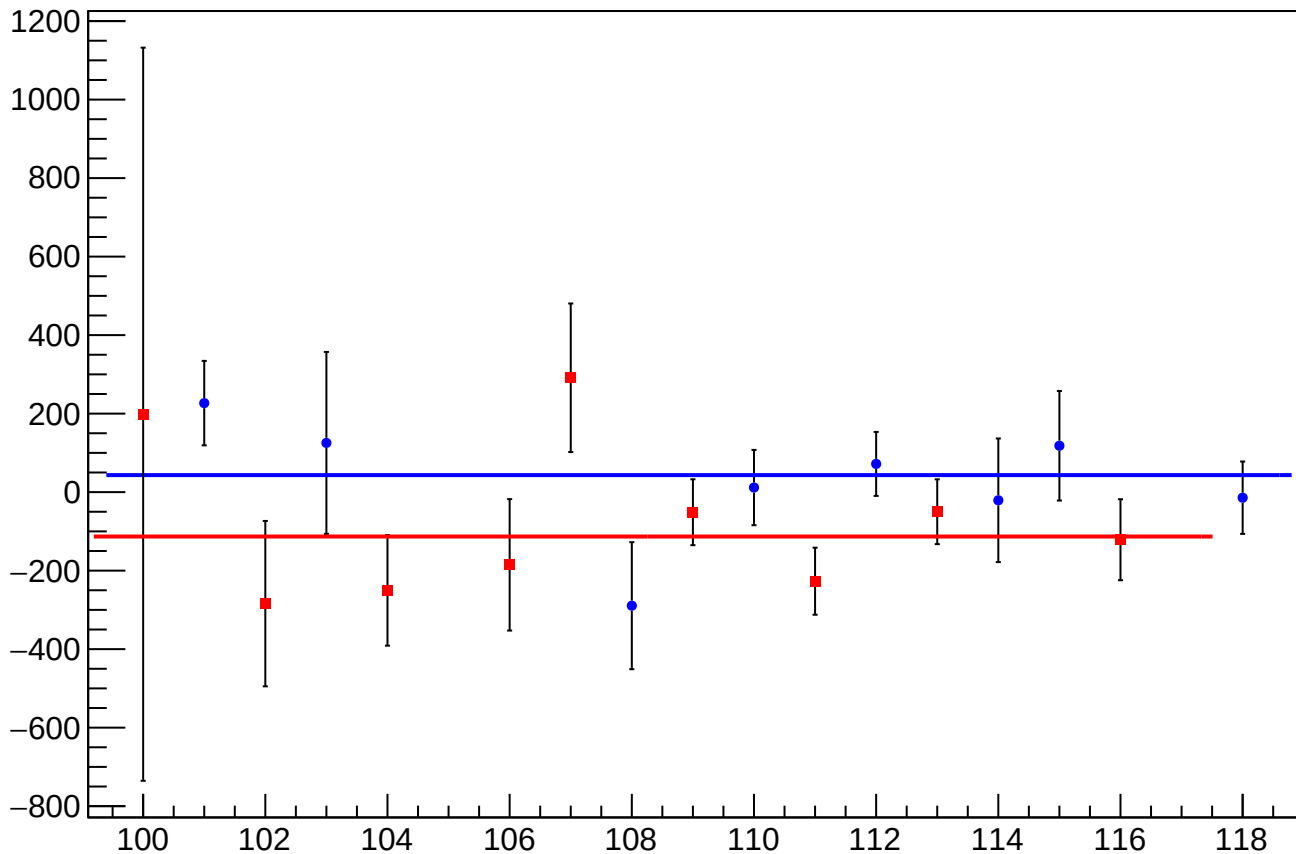
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.737+/-0.172 χ^2/NDF : 339169.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 43.363 $\pm$ 40.428 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -113.101 $\pm$ 39.002 χ^2 /NDF: 9.4/8

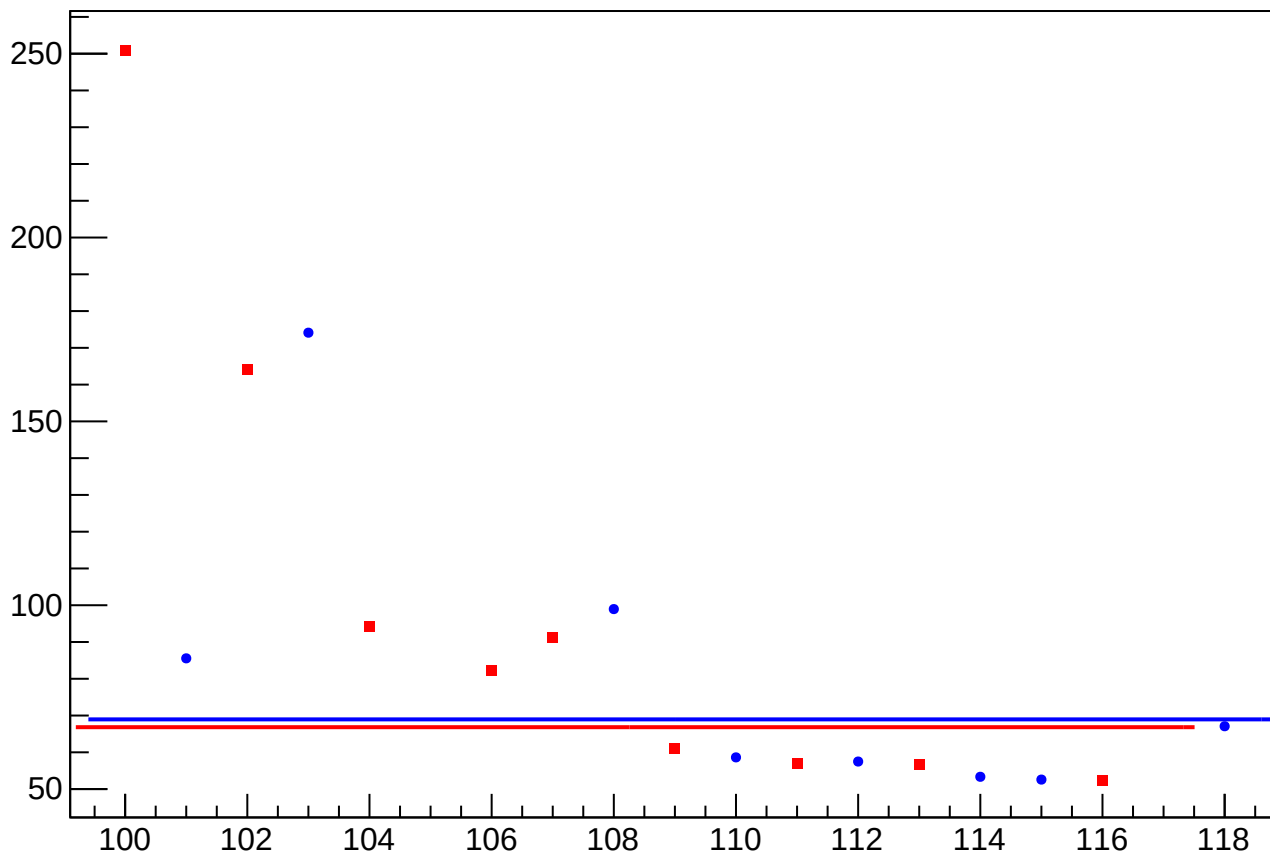
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.678 $\pm$ 28.069 χ^2 /NDF: 25.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



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: 66.833+/-0.028 χ^2/NDF : 733613.3/8

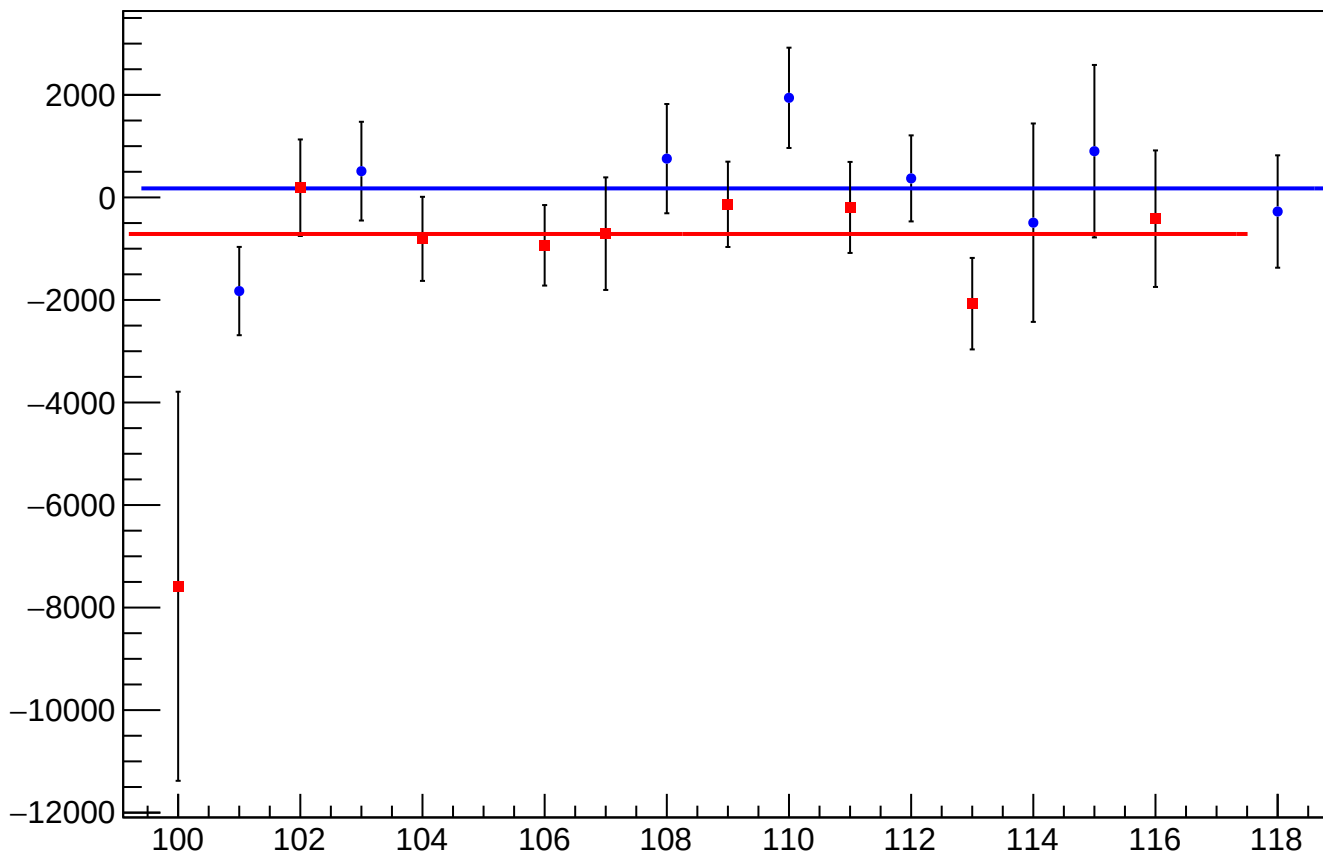
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.856+/-0.020 χ^2/NDF : 1375524.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: 176.017 $\pm$ 372.014 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -713.081 $\pm$ 321.600 χ^2 /NDF: 7.5/8

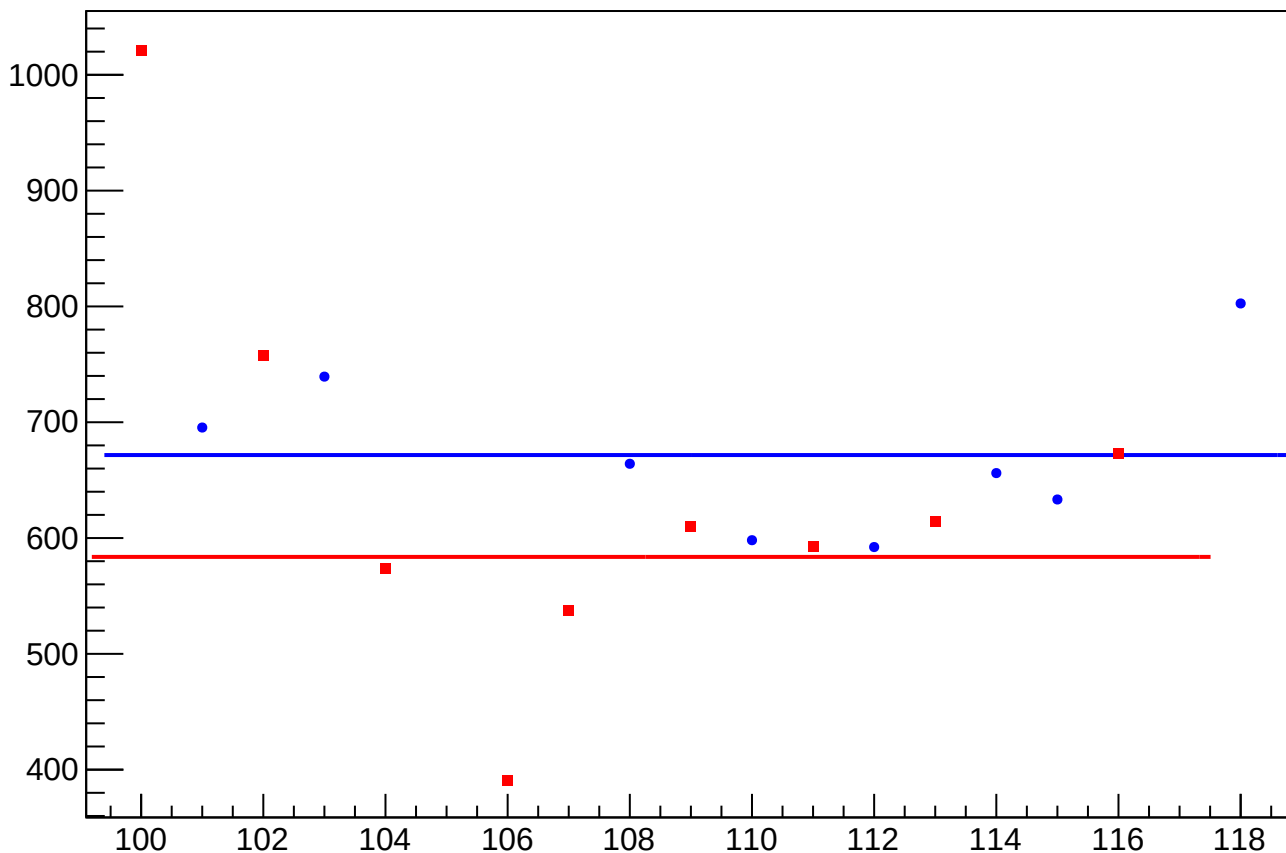
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -332.814 $\pm$ 243.292 χ^2 /NDF: 20.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 671.670 $\pm$ 0.263 χ^2 /NDF: 70428.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 583.720 $\pm$ 0.227 χ^2 /NDF: 232798.8/8

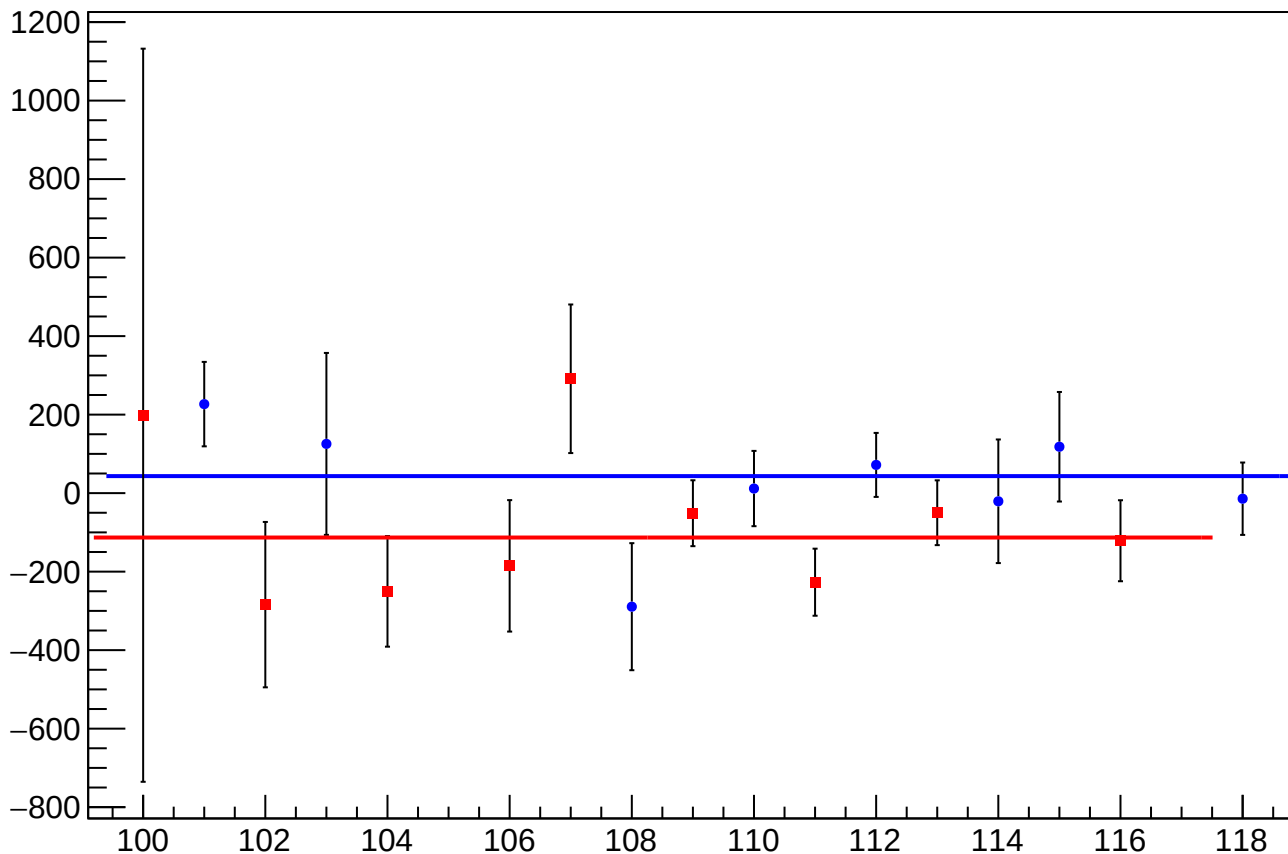
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 621.336 $\pm$ 0.172 χ^2 /NDF: 367203.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



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: -113.101+/-39.002 χ^2/NDF : 9.4/8

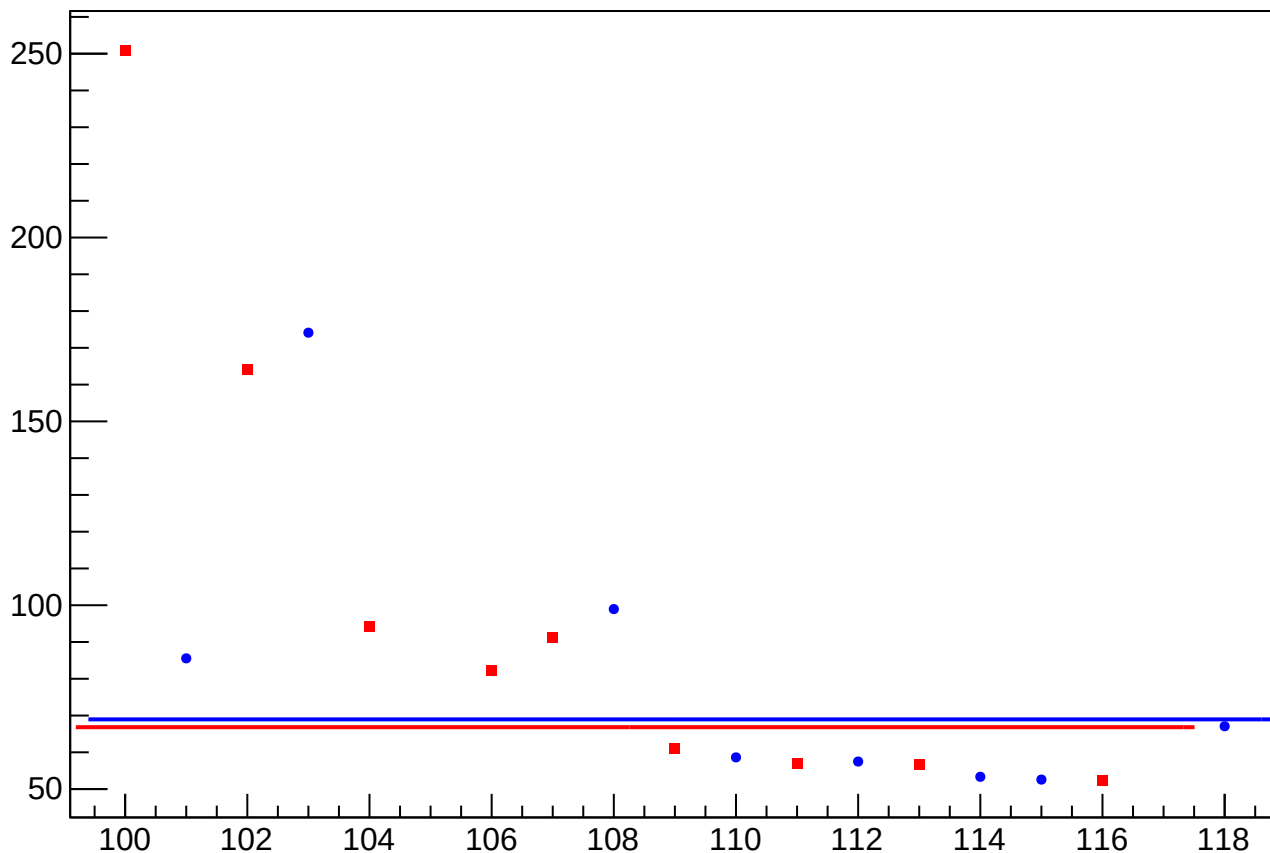
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.678+/-28.069 χ^2/NDF : 25.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



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: 66.833+/-0.028 χ^2/NDF : 733613.3/8

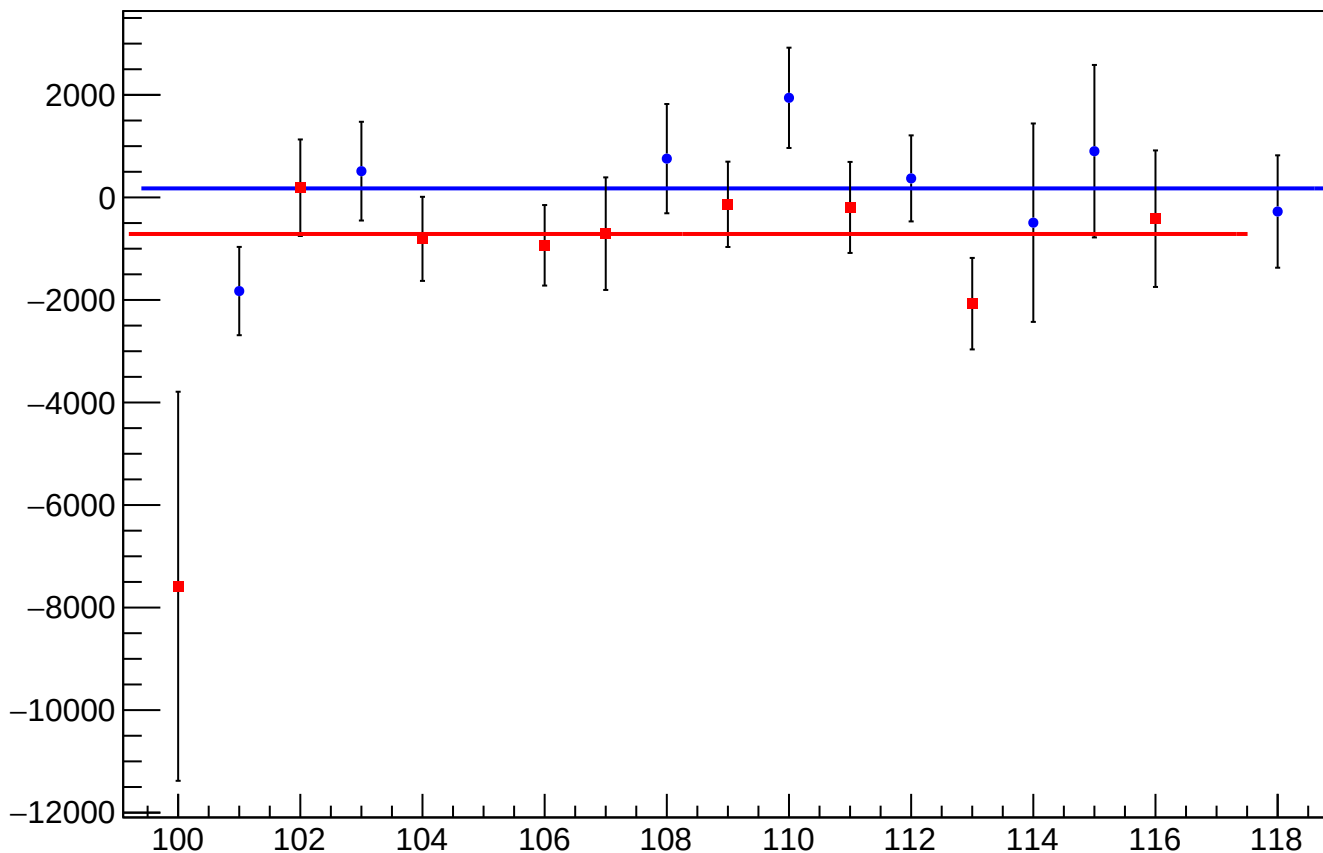
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.856+/-0.020 χ^2/NDF : 1375524.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: 176.017 $\pm$ 372.014 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -713.081 $\pm$ 321.600 χ^2 /NDF: 7.5/8

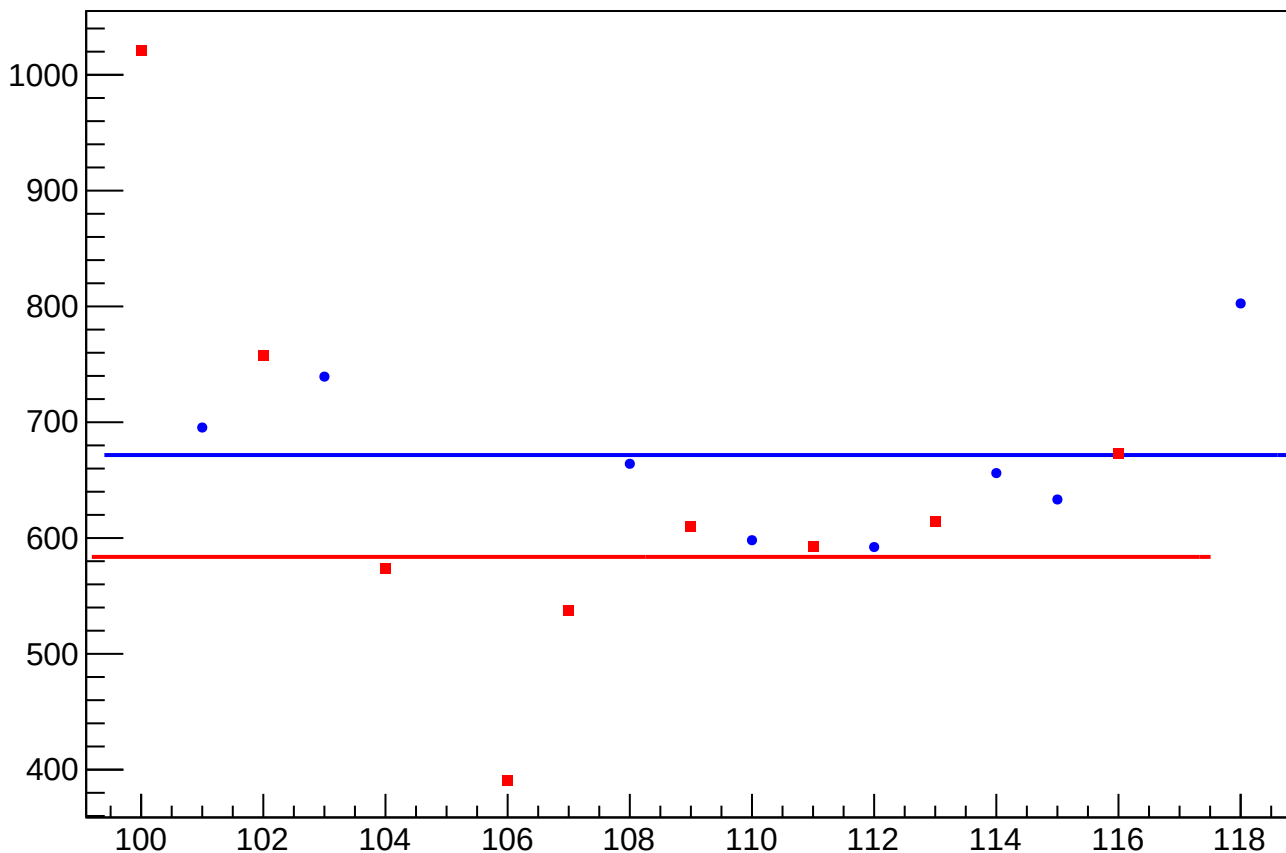
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -332.814 $\pm$ 243.292 χ^2 /NDF: 20.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 671.670 $\pm$ 0.263 χ^2 /NDF: 70428.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 583.720 $\pm$ 0.227 χ^2 /NDF: 232798.8/8

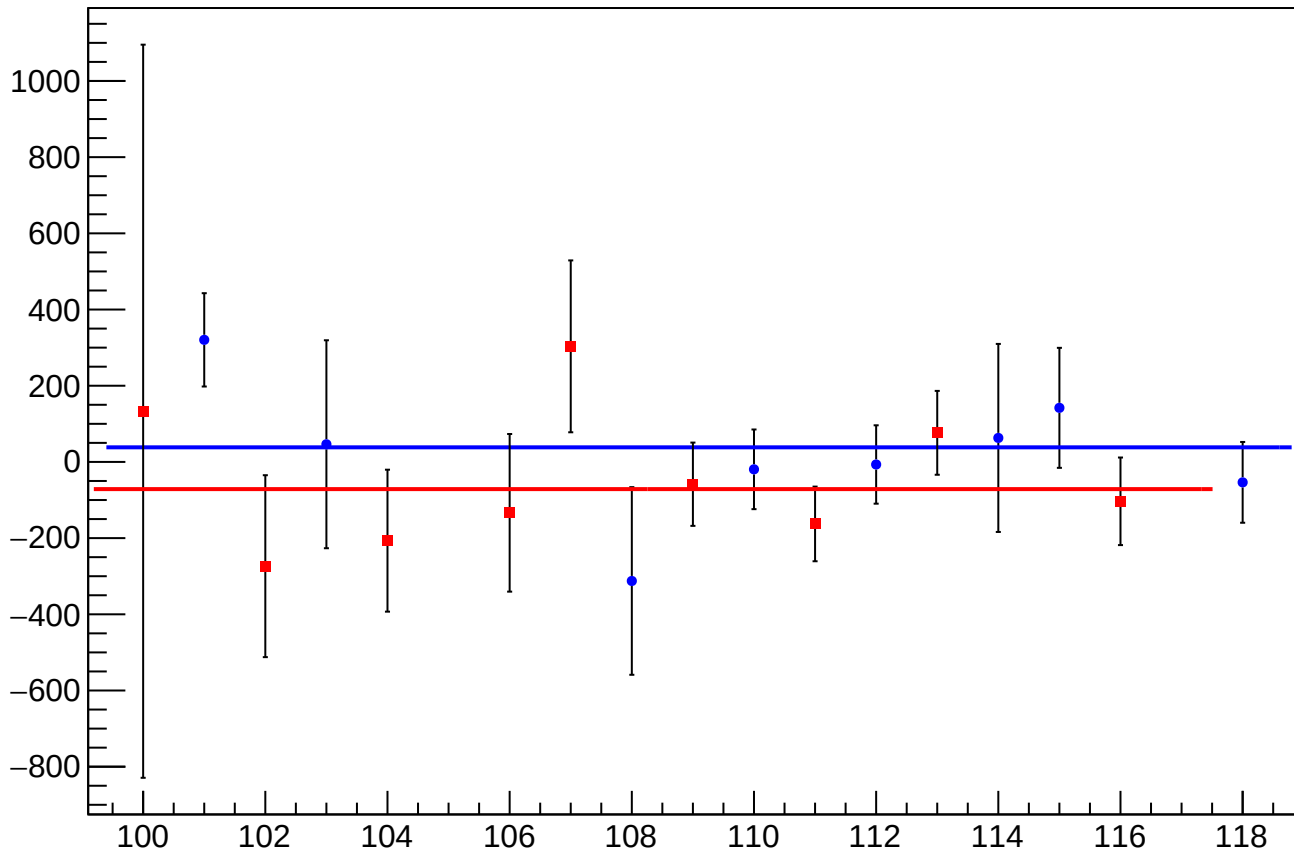
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 621.336 $\pm$ 0.172 χ^2 /NDF: 367203.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug



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: -71.346+/-47.858 χ^2/NDF : 6.9/8

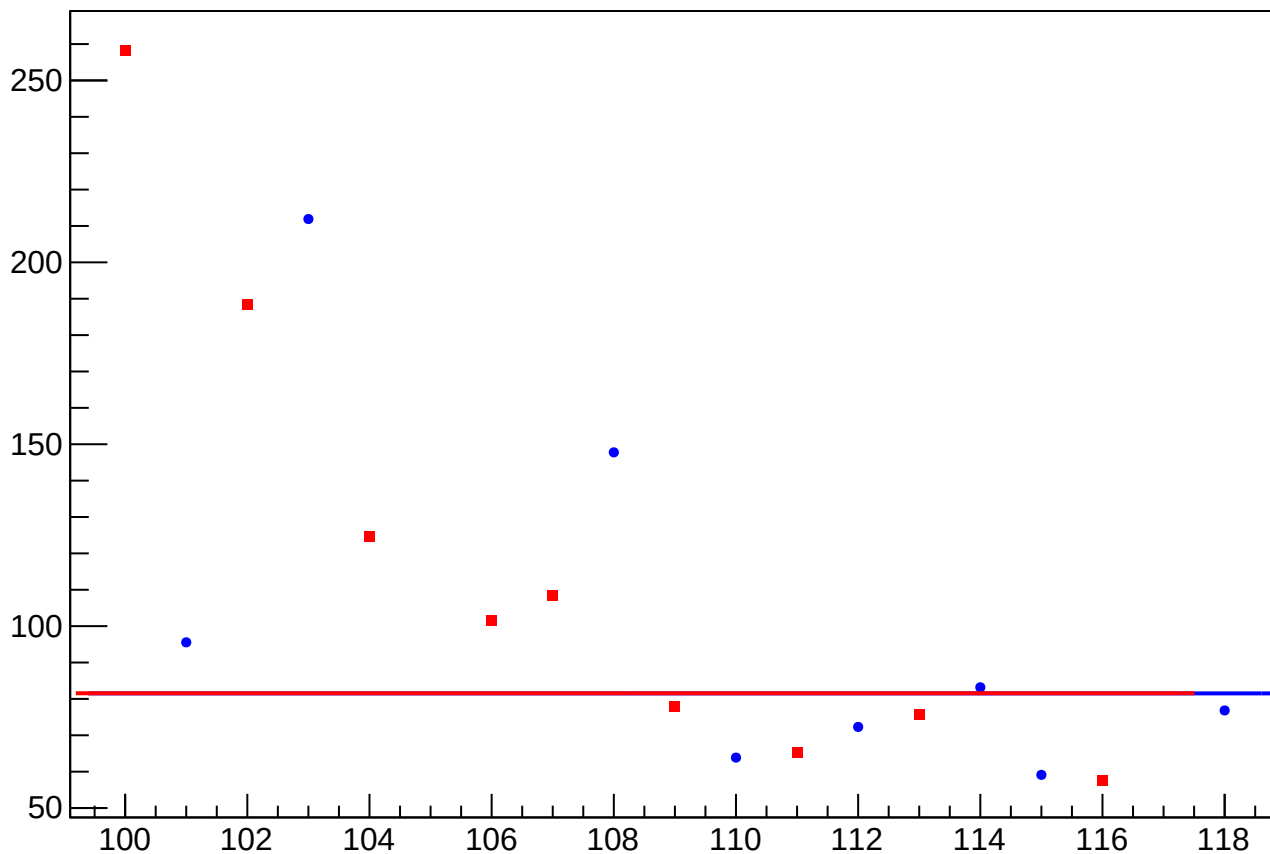
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.049+/-34.003 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 81.515+/-0.034 χ^2/NDF : 744966.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.551+/-0.034 χ^2/NDF : 772903.4/8

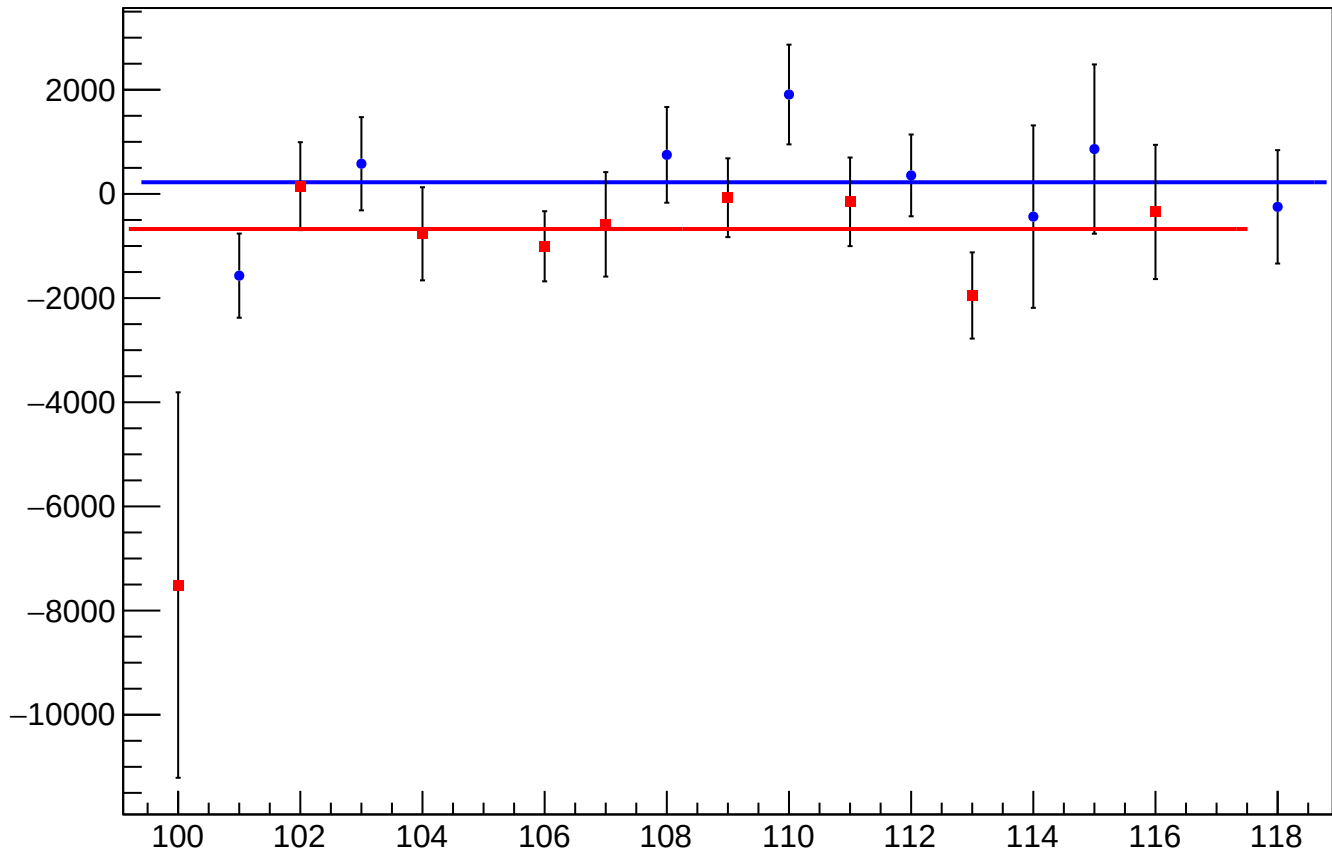
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.533+/-0.024 χ^2/NDF : 1517870.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 224.040 $\pm$ 348.625 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -673.323 $\pm$ 299.848 χ^2 /NDF: 8.1/8

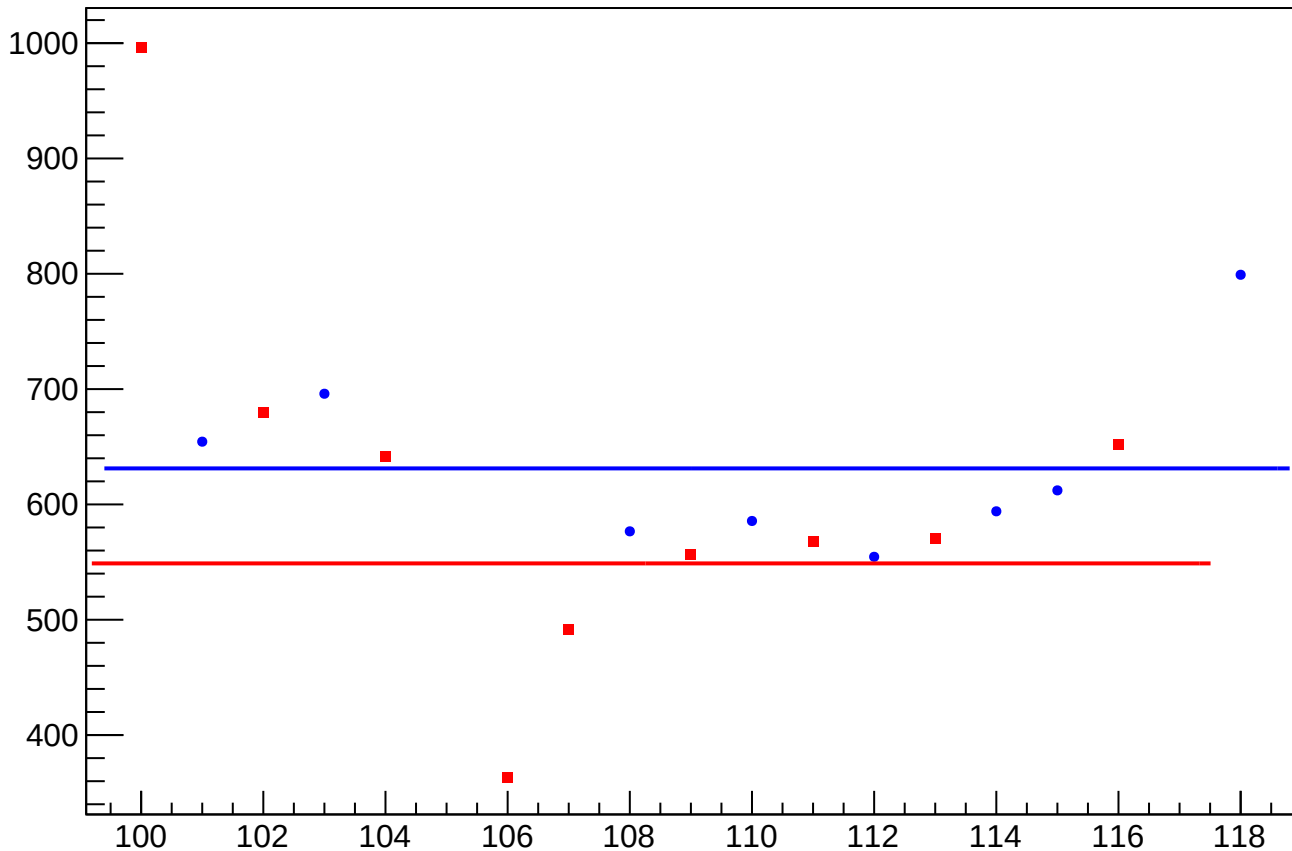
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -291.758 $\pm$ 227.331 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 631.233 $\pm$ 0.247 χ^2 /NDF: 91535.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 548.855 $\pm$ 0.212 χ^2 /NDF: 272537.6/8

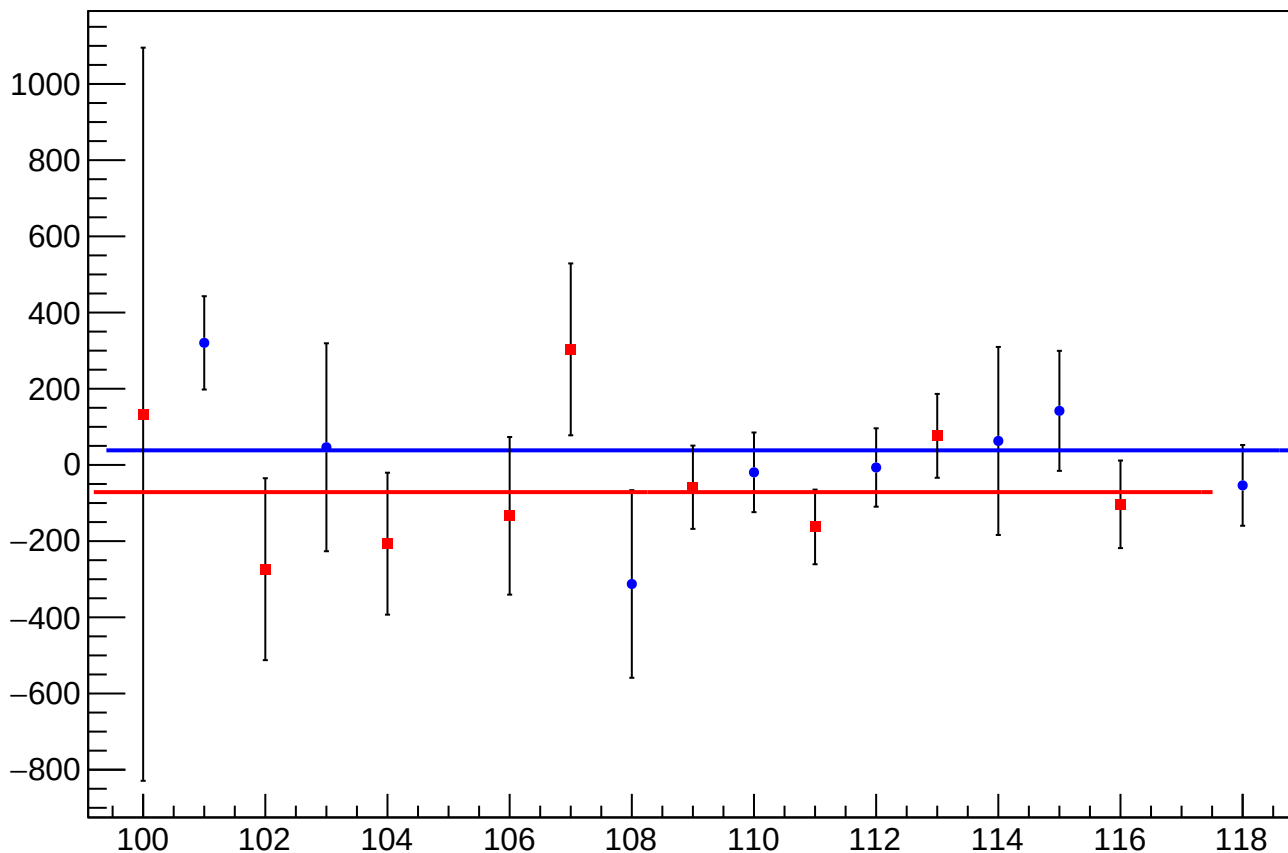
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 583.883 $\pm$ 0.161 χ^2 /NDF: 428260.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



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: -71.346+/-47.858 χ^2/NDF : 6.9/8

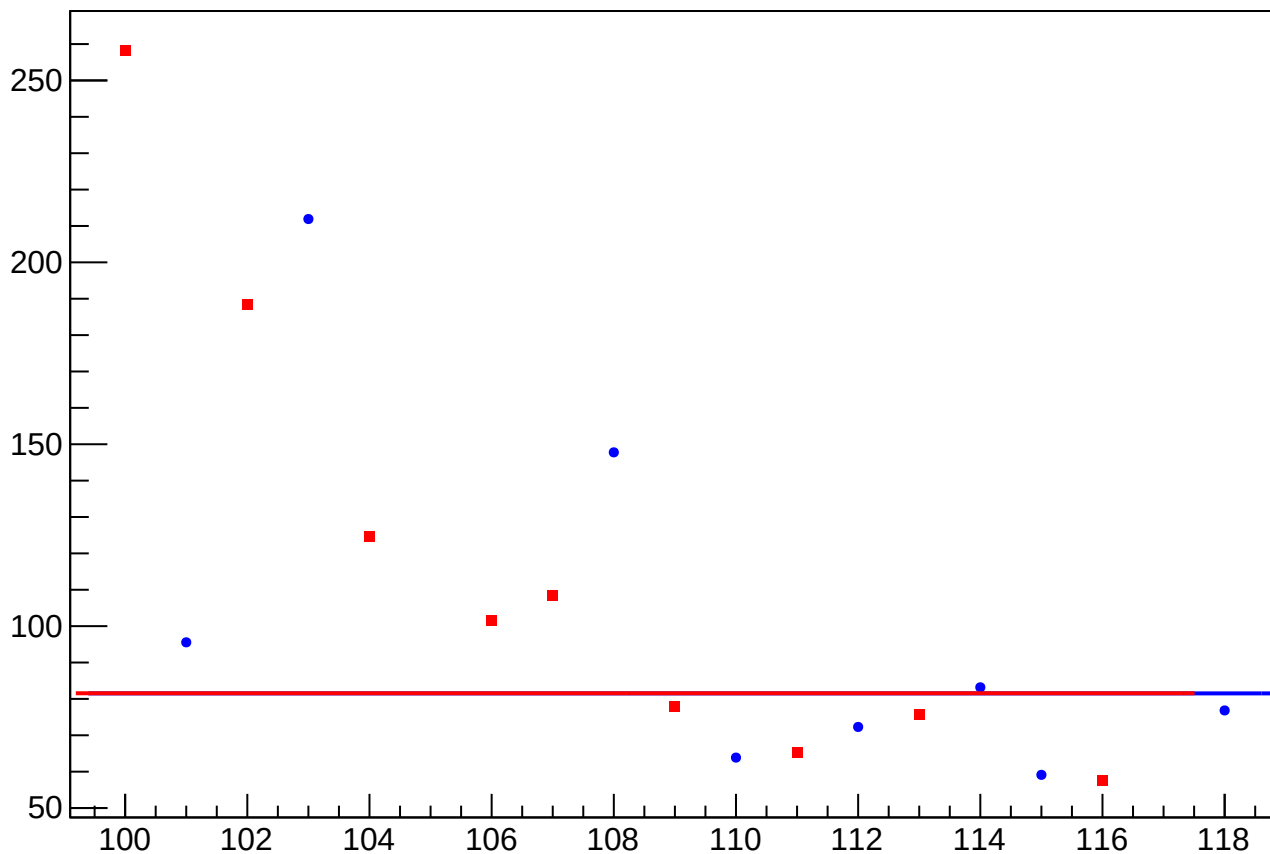
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.049+/-34.003 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



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: 81.551+/-0.034 χ^2/NDF : 772904.6/8

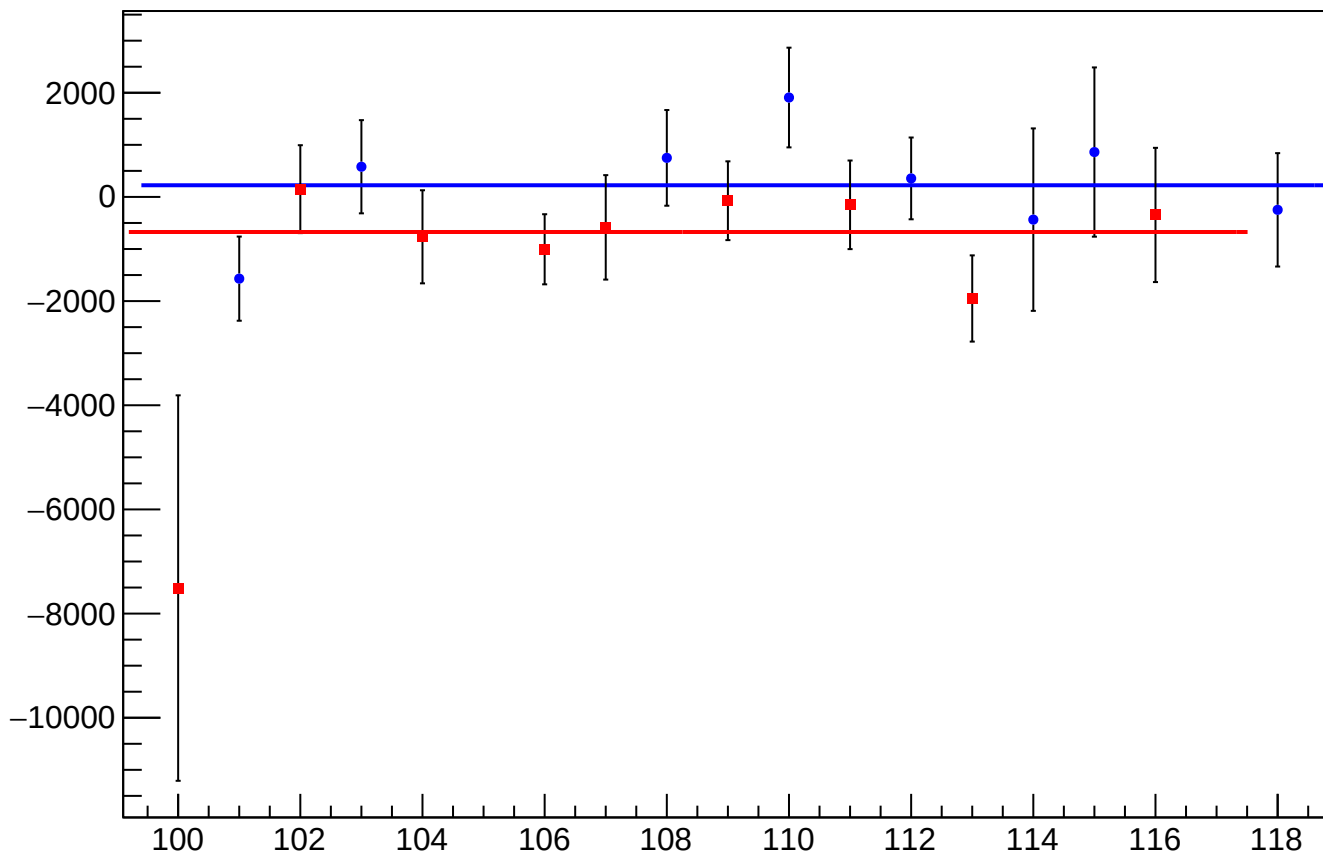
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.533+/-0.024 χ^2/NDF : 1517881.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 224.039 $\pm$ 348.624 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -673.321 $\pm$ 299.848 χ^2 /NDF: 8.1/8

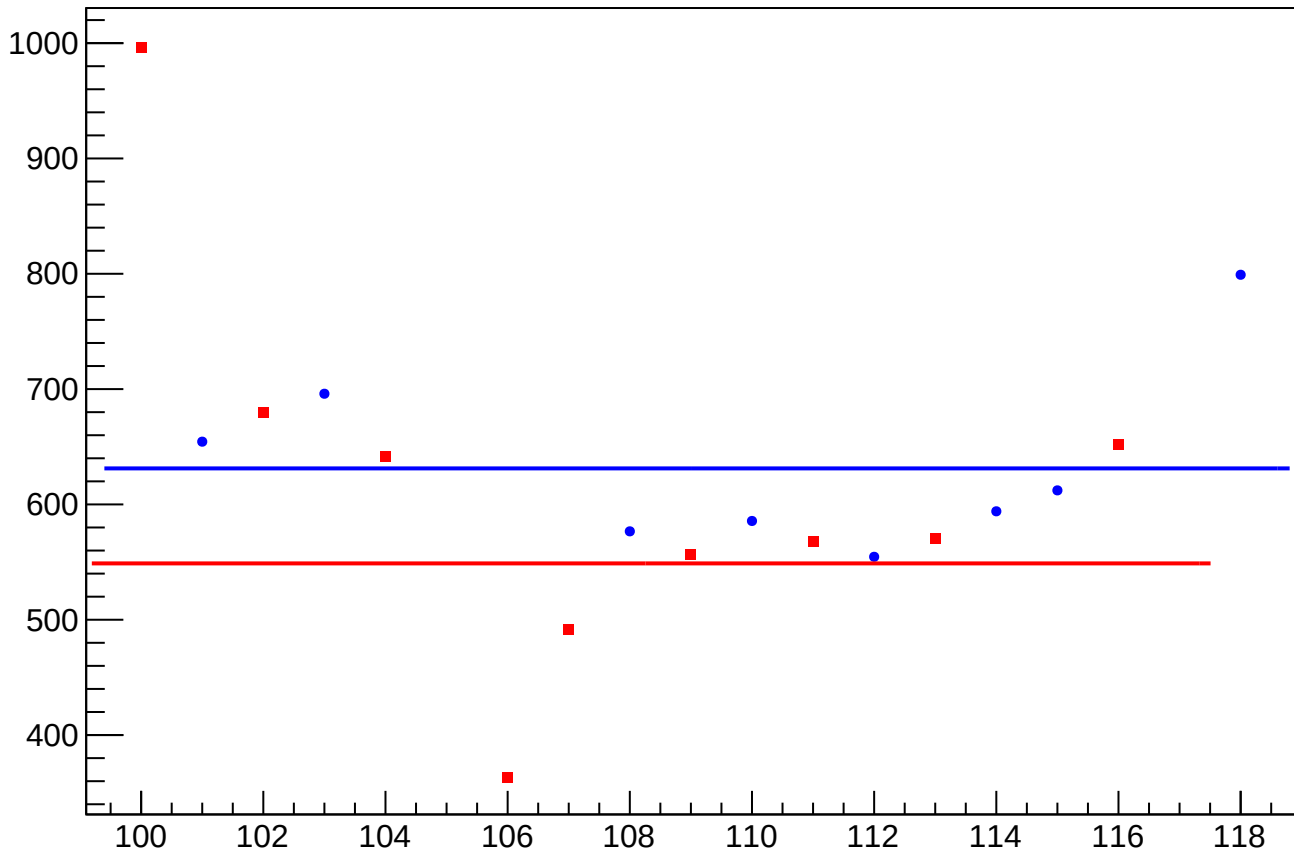
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -291.758 $\pm$ 227.330 χ^2 /NDF: 20.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 631.232 $\pm$ 0.247 χ^2 /NDF: 91536.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 548.854 $\pm$ 0.212 χ^2 /NDF: 272535.6/8

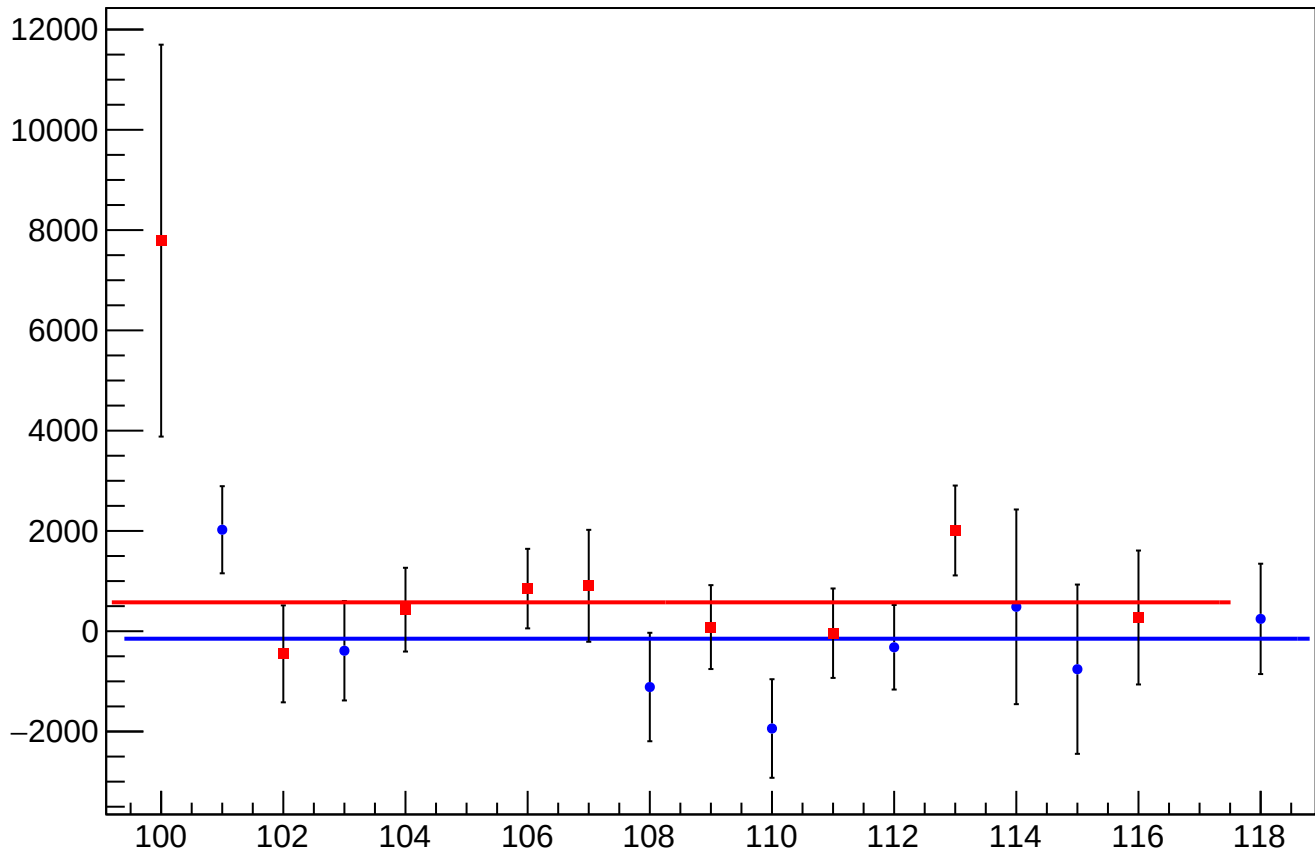
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 583.882 $\pm$ 0.161 χ^2 /NDF: 428259.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_mean vs Slug



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: 575.980 ± 325.290 χ^2/NDF : 8.2/8

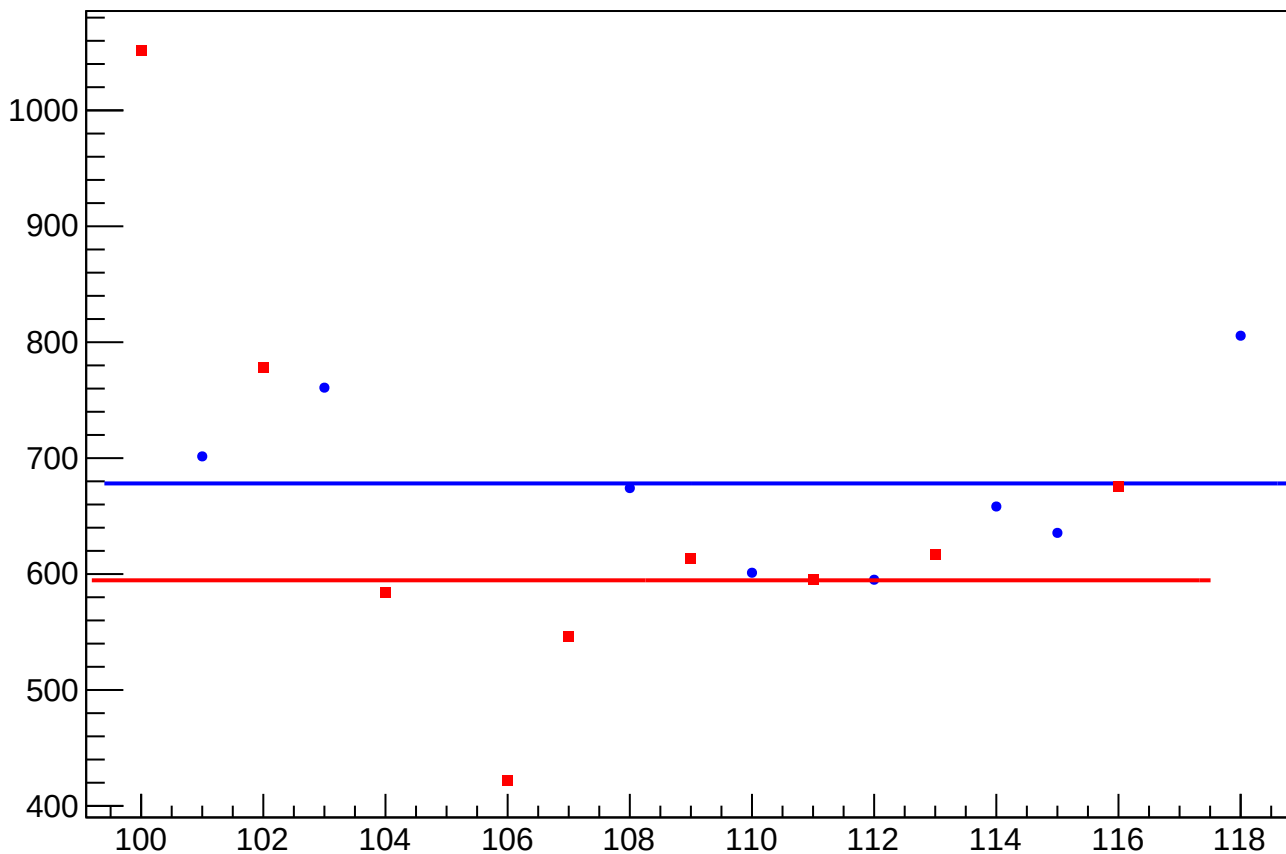
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 265.254 ± 245.949 χ^2/NDF : 21.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 678.180 $\pm$ 0.266 χ^2 /NDF: 75358.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 594.609 $\pm$ 0.230 χ^2 /NDF: 207476.4/8

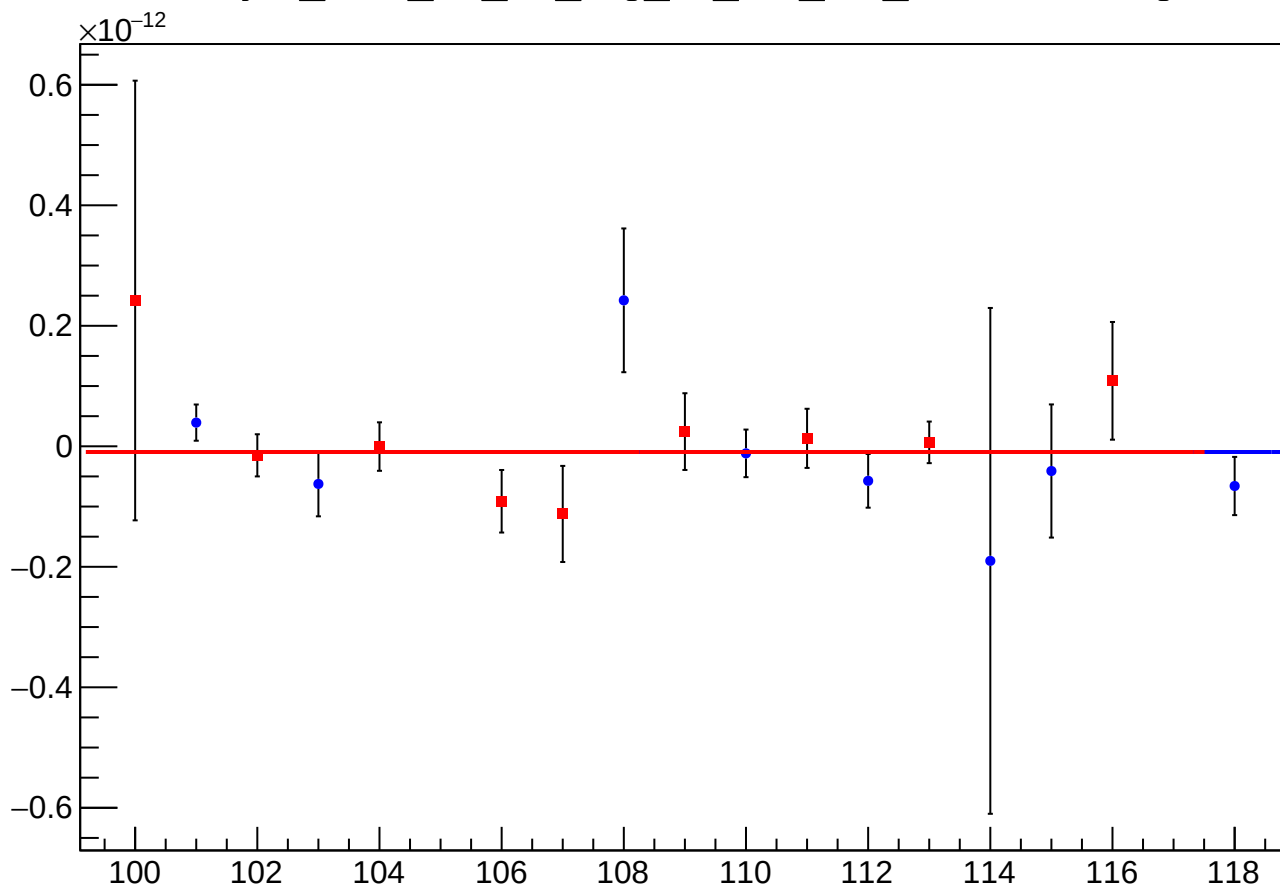
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 630.405 $\pm$ 0.174 χ^2 /NDF: 339377.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug



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 : 6.9/8

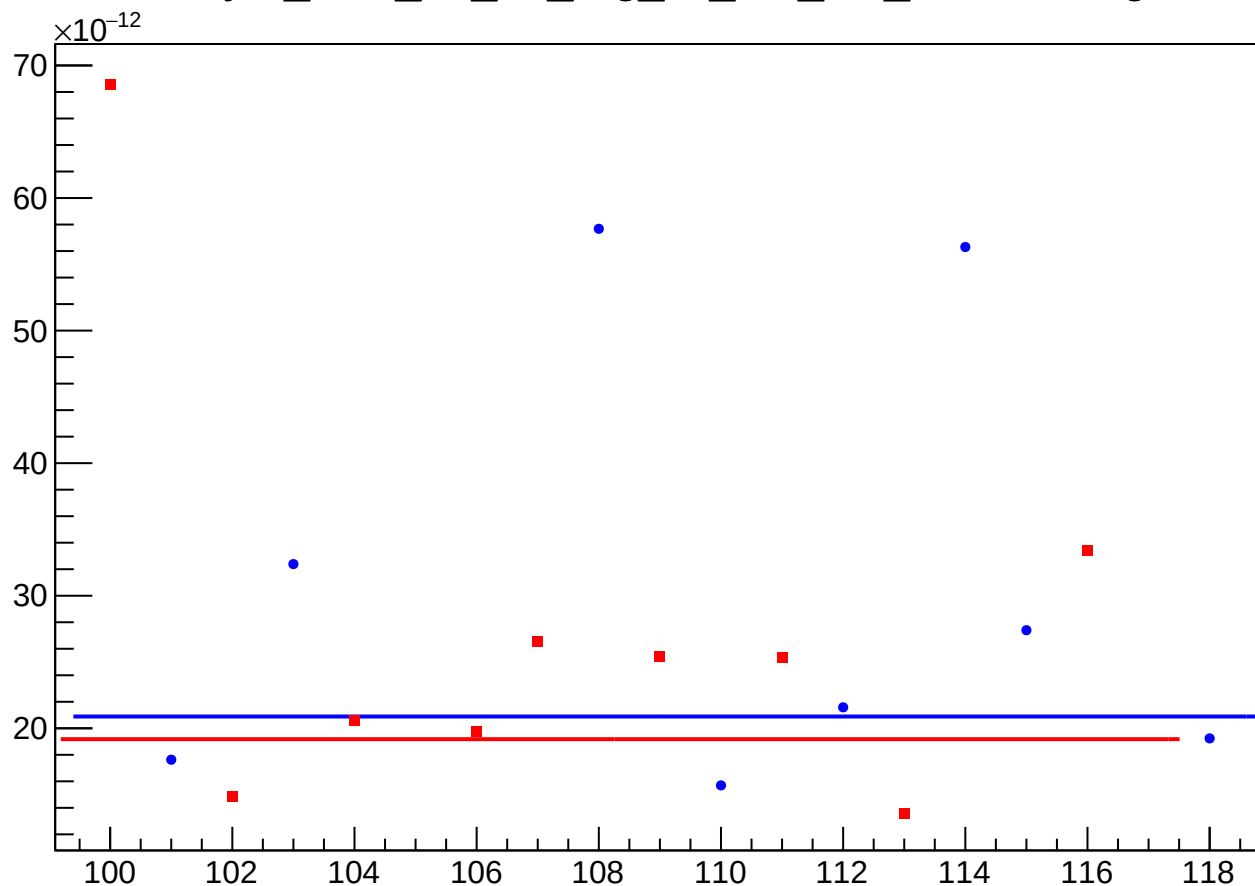
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug



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 : 232950.7/8

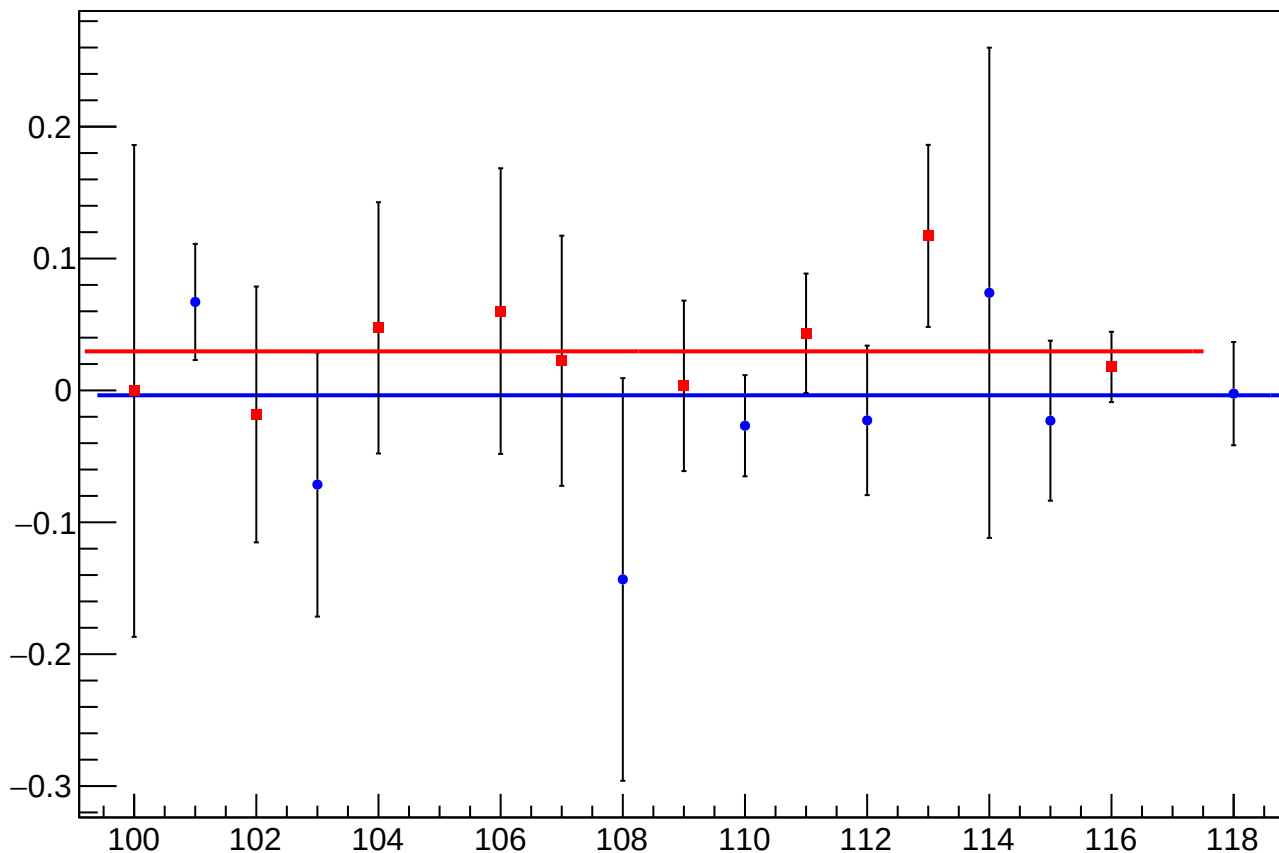
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 606470.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 4.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.019 χ^2/NDF : 2.5/8

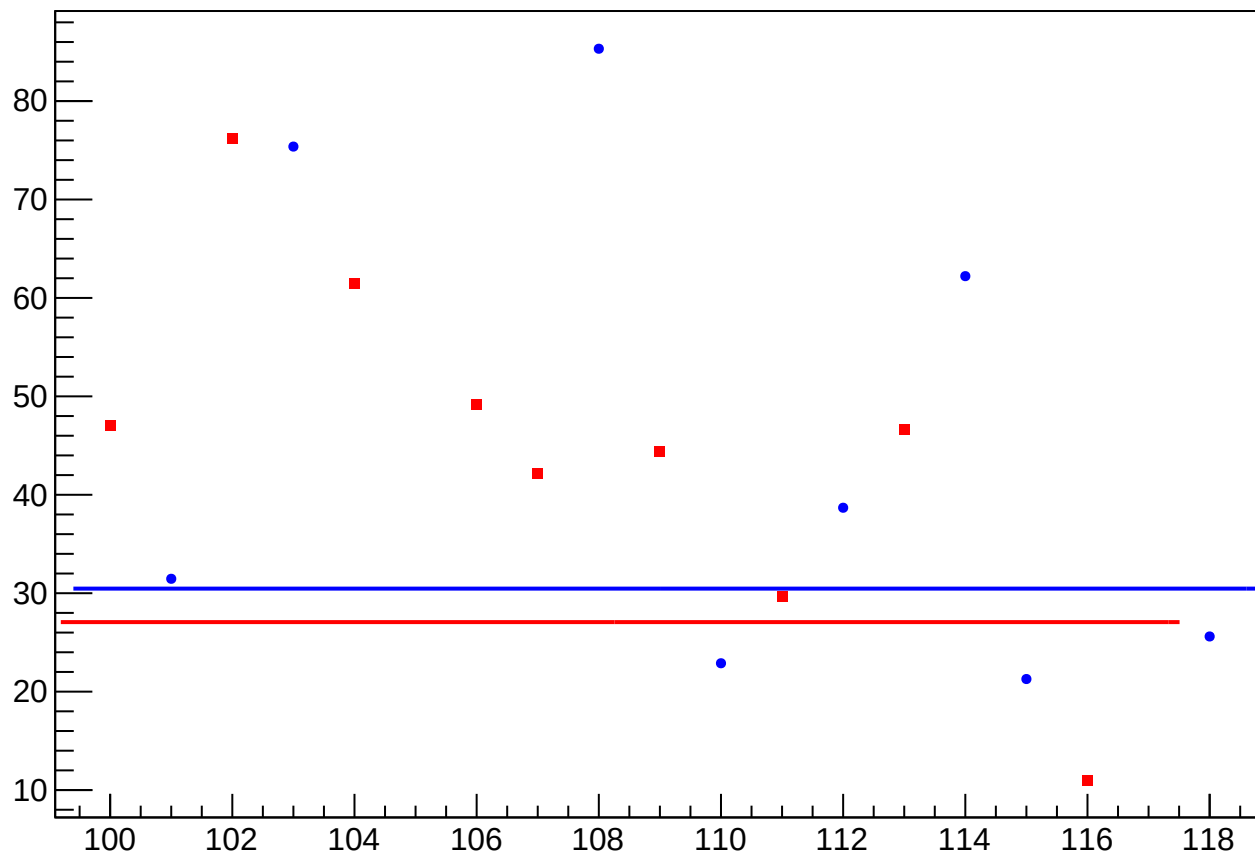
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.014 ± 0.014 χ^2/NDF : 8.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 30.467 $\pm$ 0.014 χ^2 /NDF: 916571.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970667.1/8

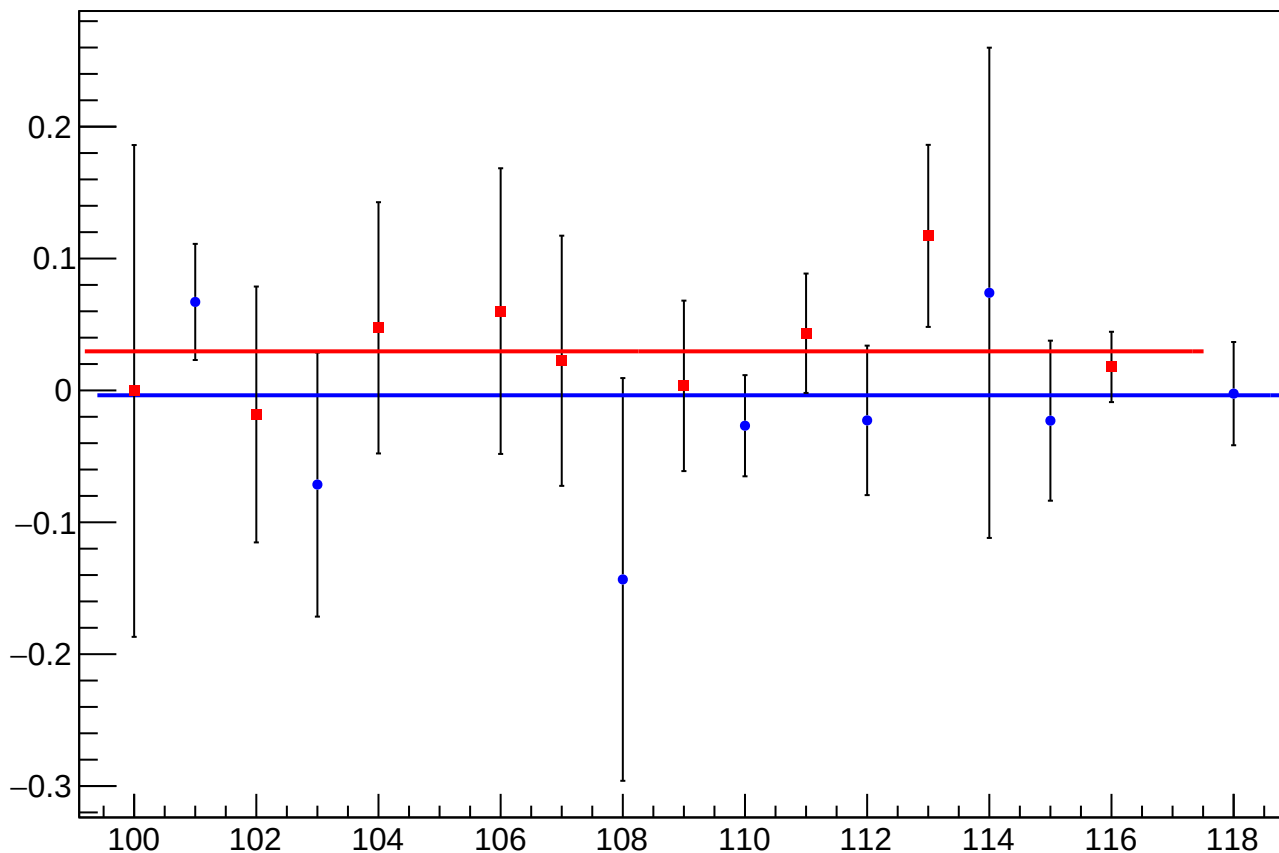
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.708 $\pm$ 0.010 χ^2 /NDF: 2918400.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 4.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.019 χ^2/NDF : 2.5/8

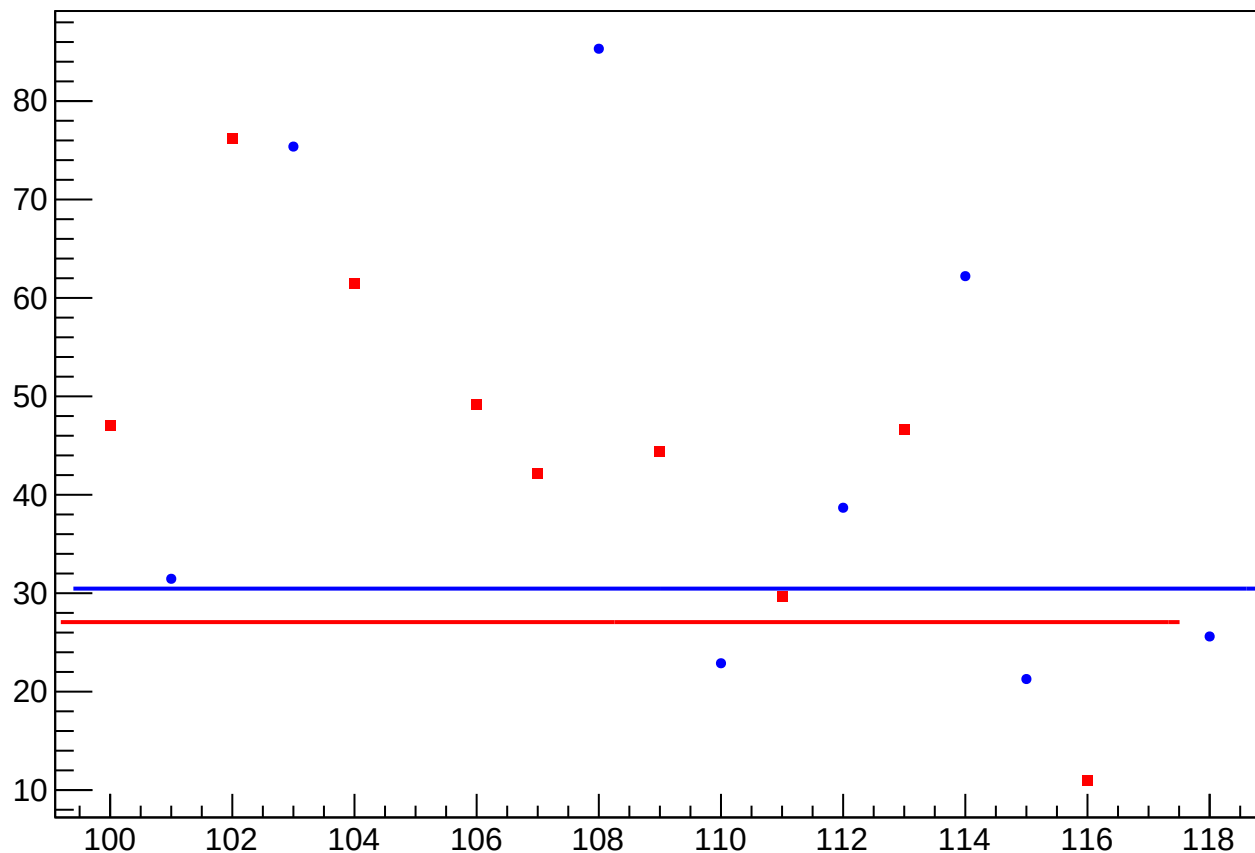
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.014 ± 0.014 χ^2/NDF : 8.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.467 $\pm$ 0.014 χ^2 /NDF: 916571.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970667.1/8

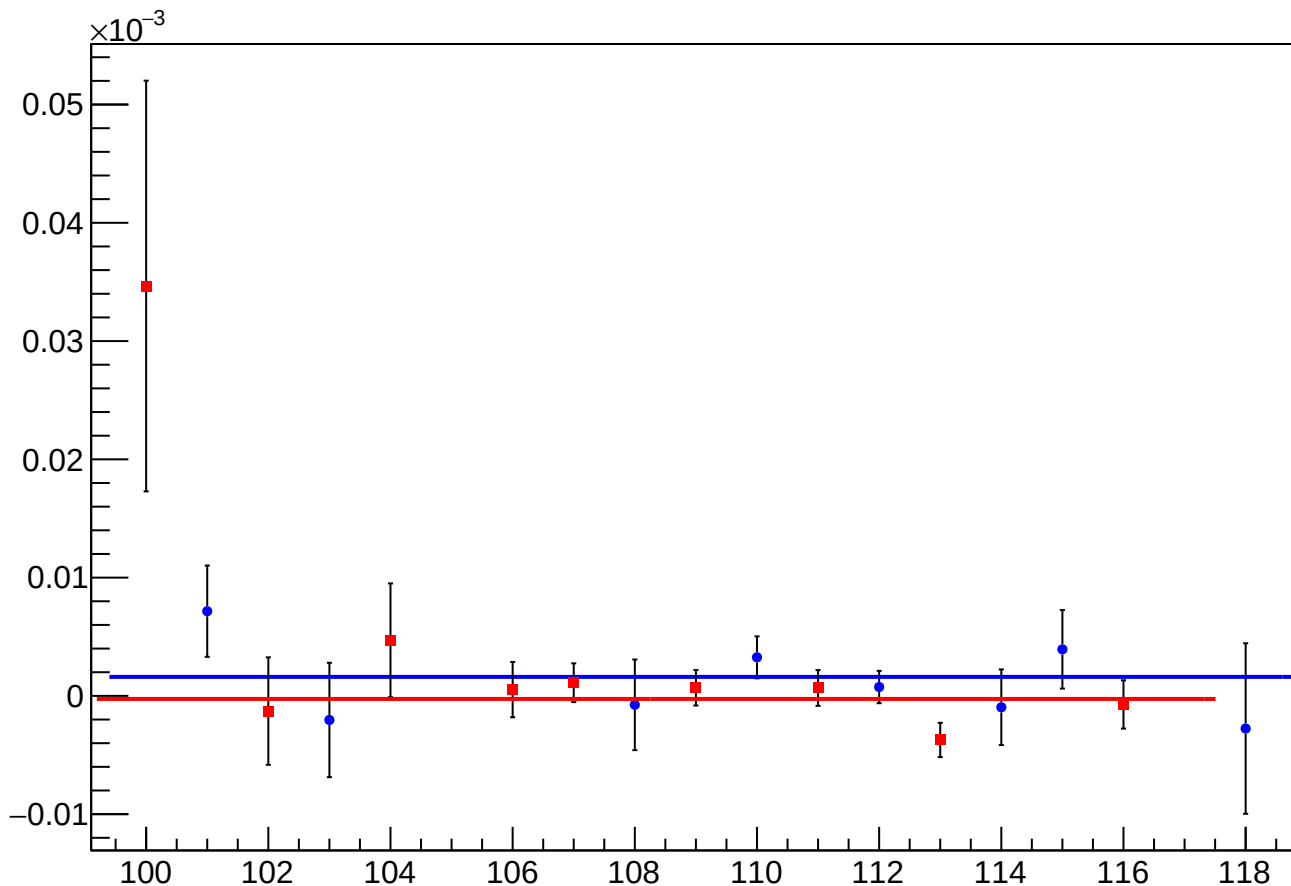
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.708 $\pm$ 0.010 χ^2 /NDF: 2918400.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 12.5/8

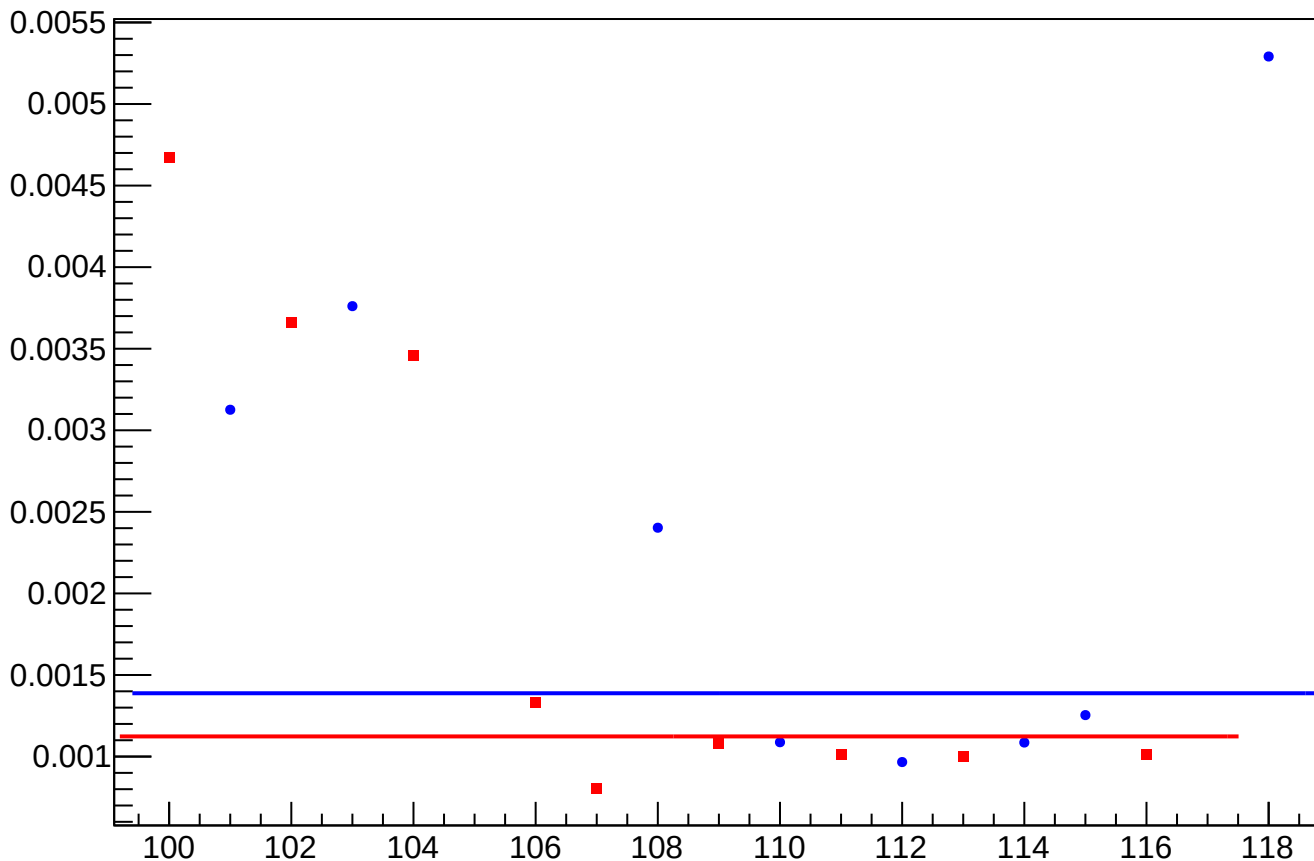
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1301579.9/8

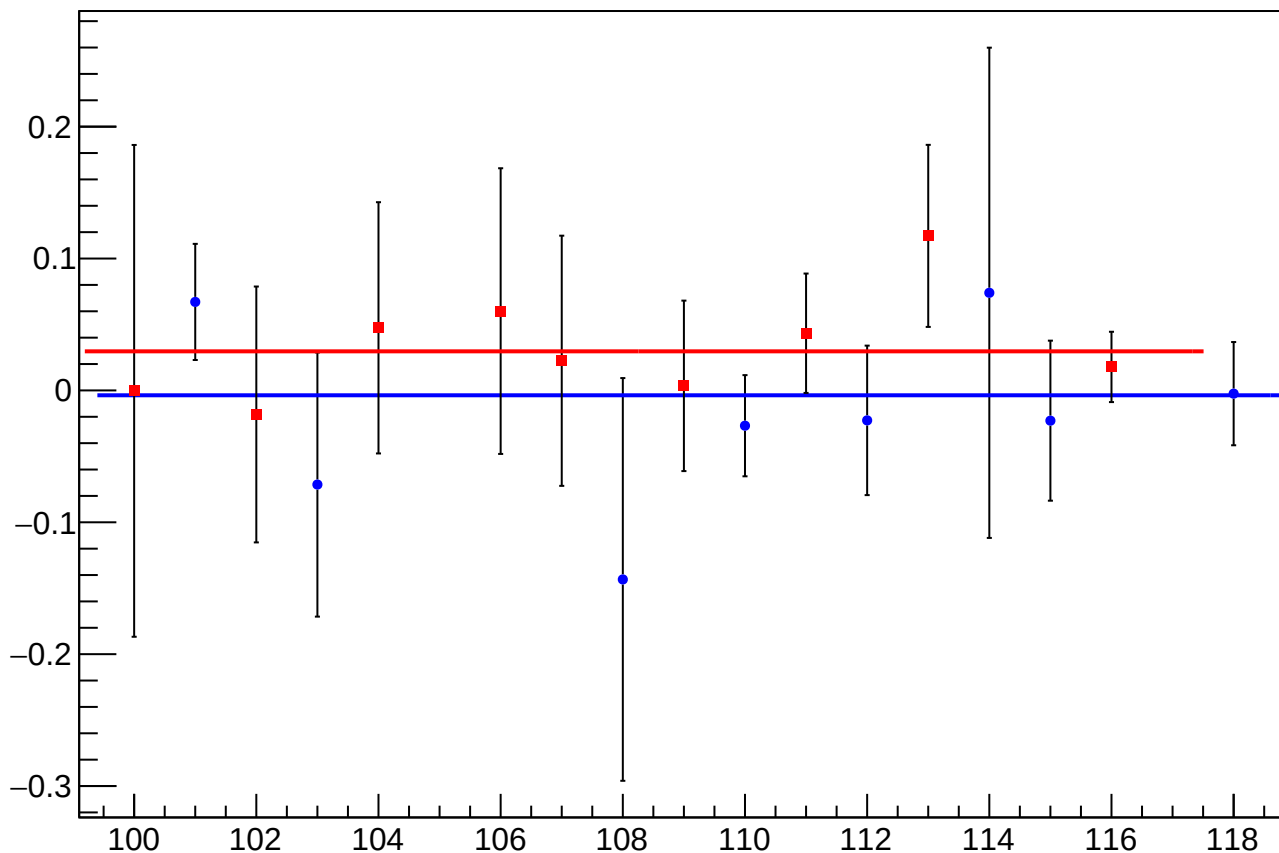
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3294861.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 4.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.030 ± 0.019 χ^2/NDF : 2.5/8

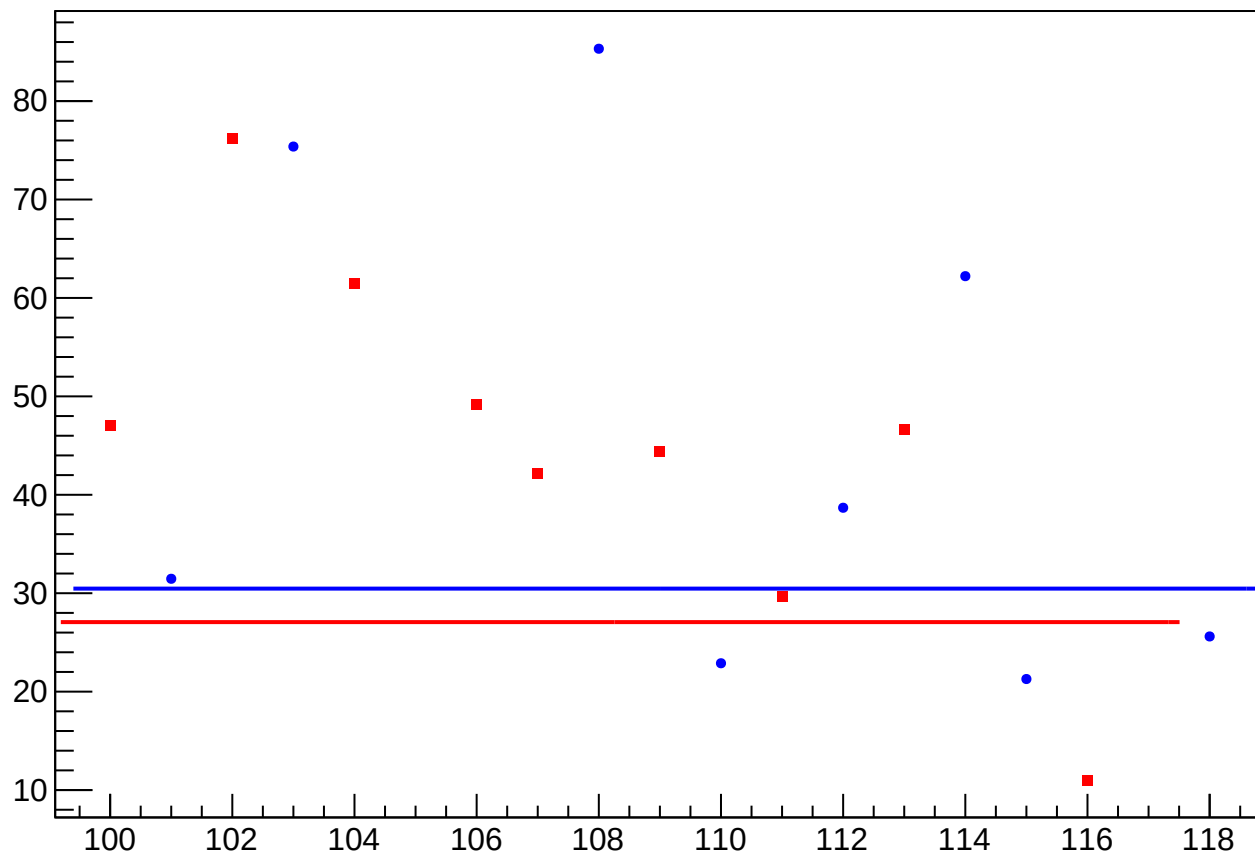
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.014 ± 0.014 χ^2/NDF : 8.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 30.468 $\pm$ 0.014 χ^2 /NDF: 916572.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970664.0/8

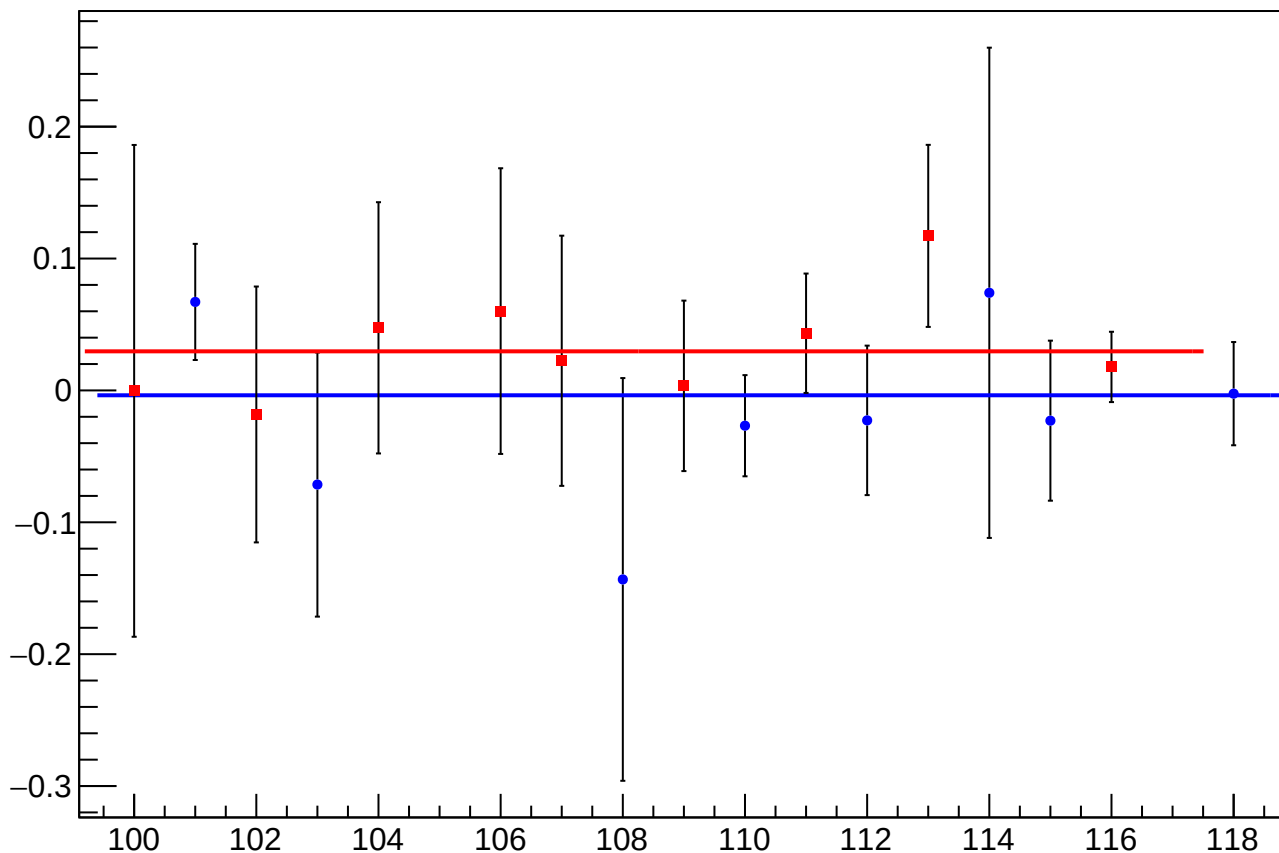
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.708 $\pm$ 0.010 χ^2 /NDF: 2918411.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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 $\pm$ 0.019 χ^2 /NDF: 2.5/8

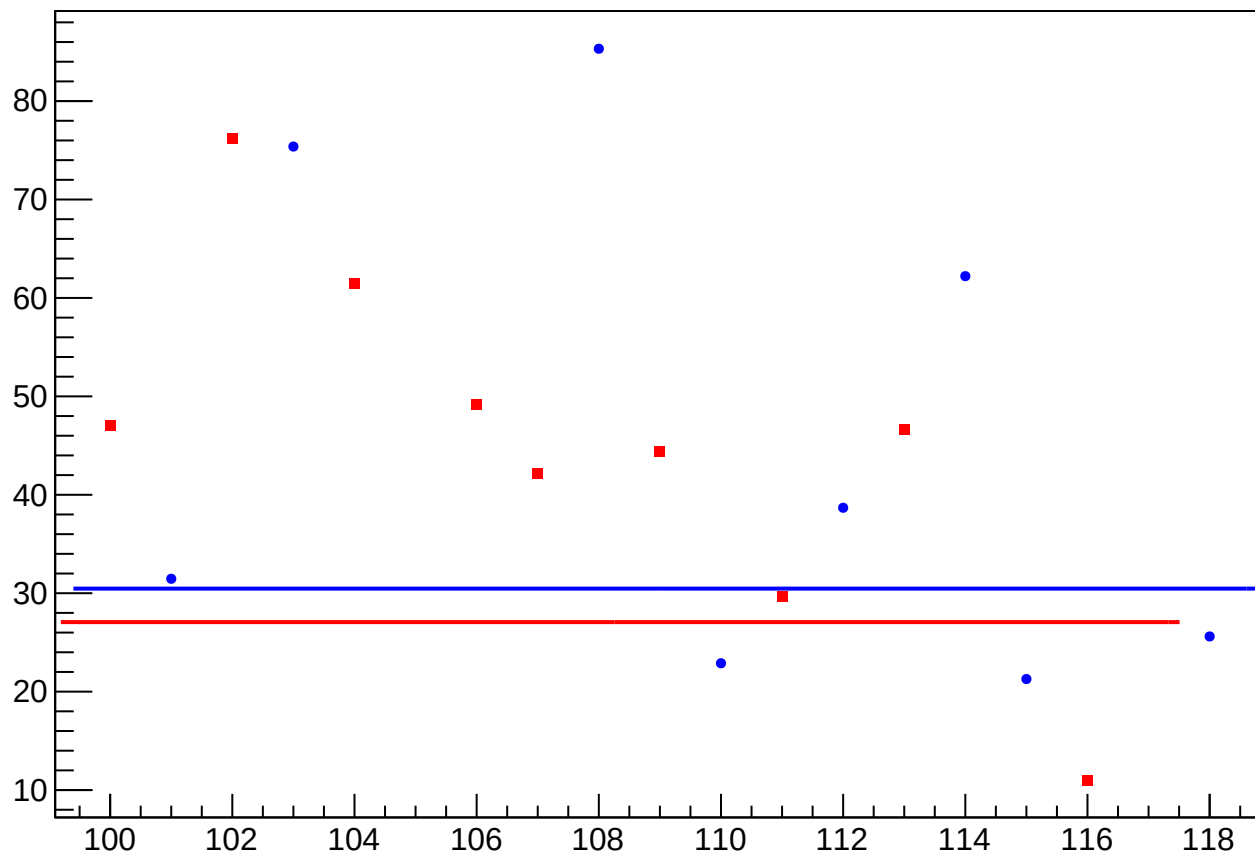
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.014 χ^2 /NDF: 8.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 30.468 $\pm$ 0.014 χ^2 /NDF: 916572.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.064 $\pm$ 0.013 χ^2 /NDF: 1970664.0/8

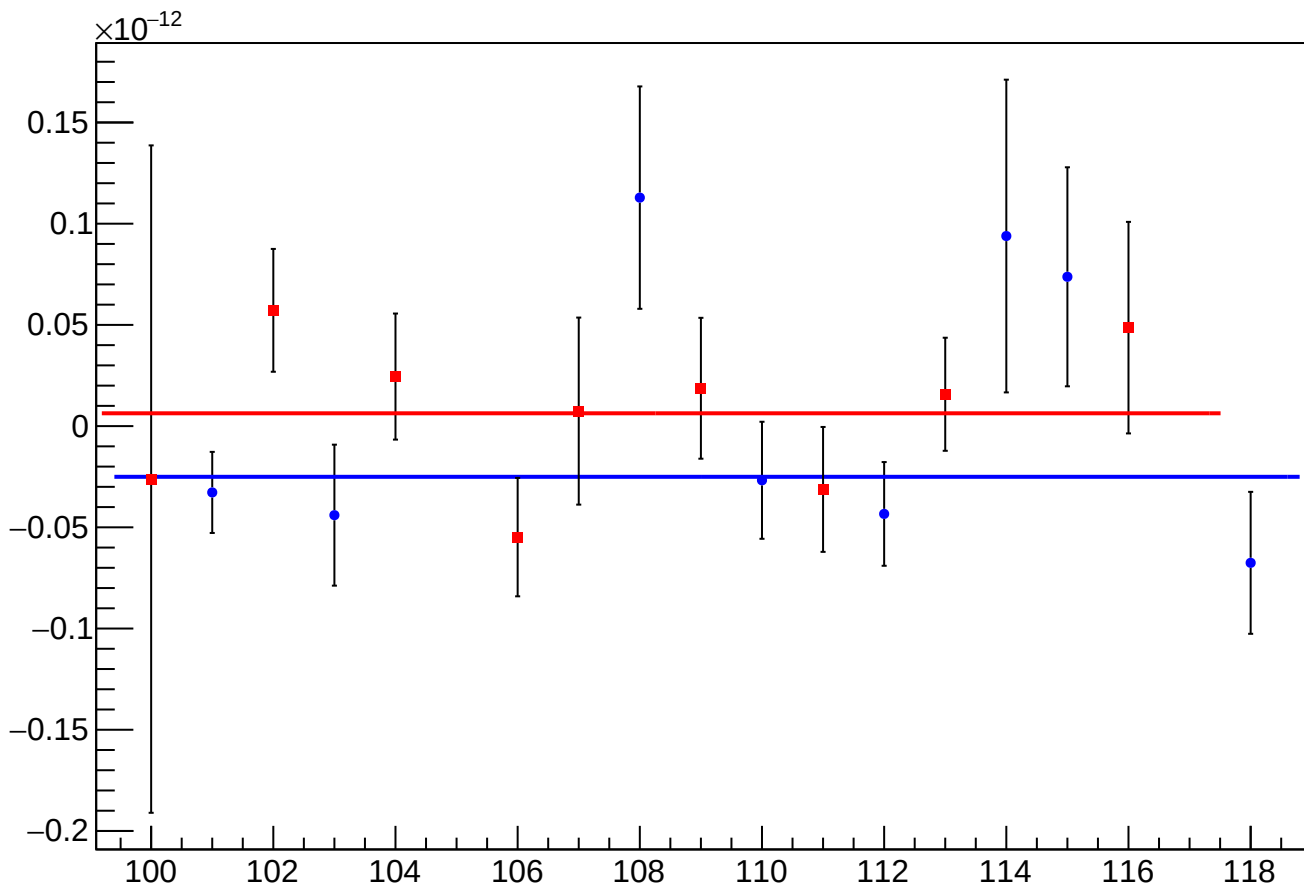
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.708 $\pm$ 0.010 χ^2 /NDF: 2918411.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 9.9/8

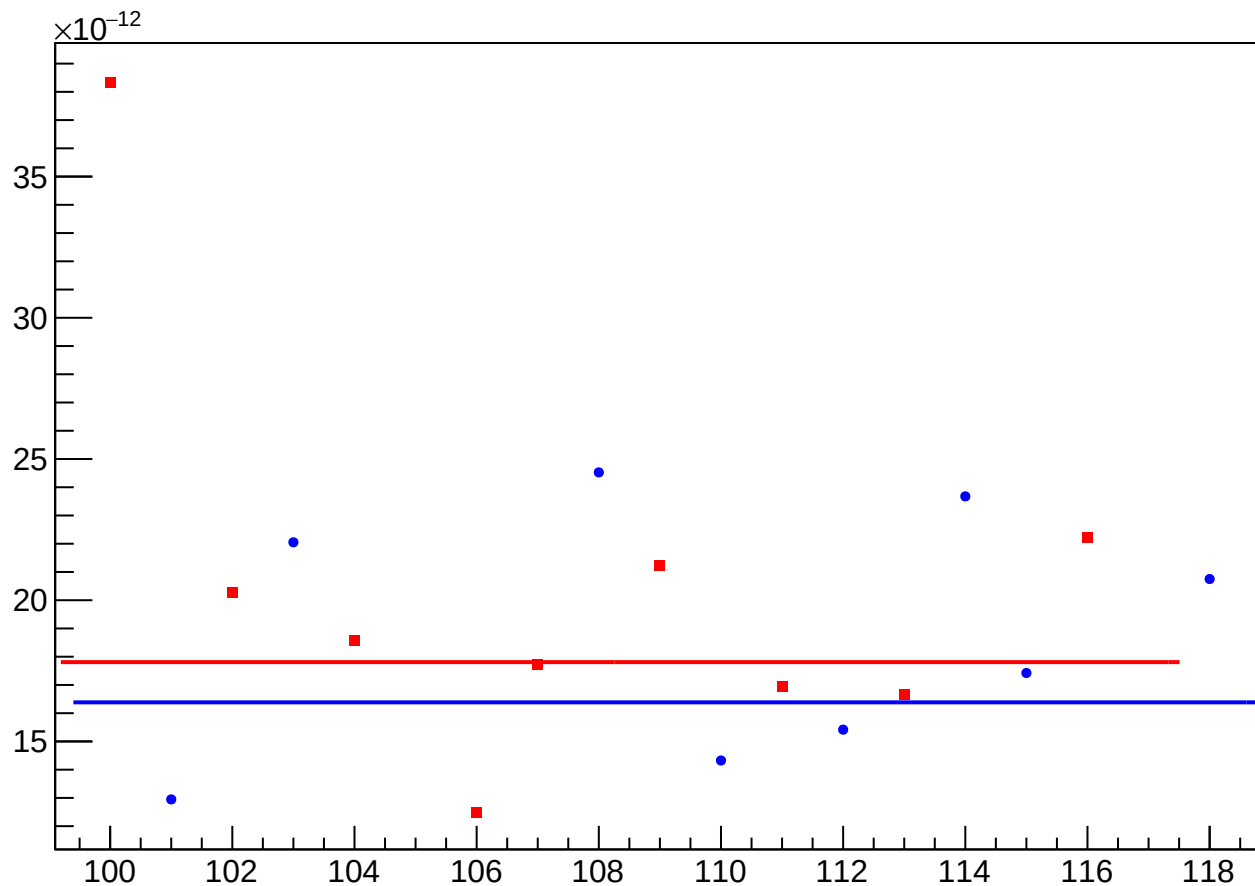
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 149995.5/8

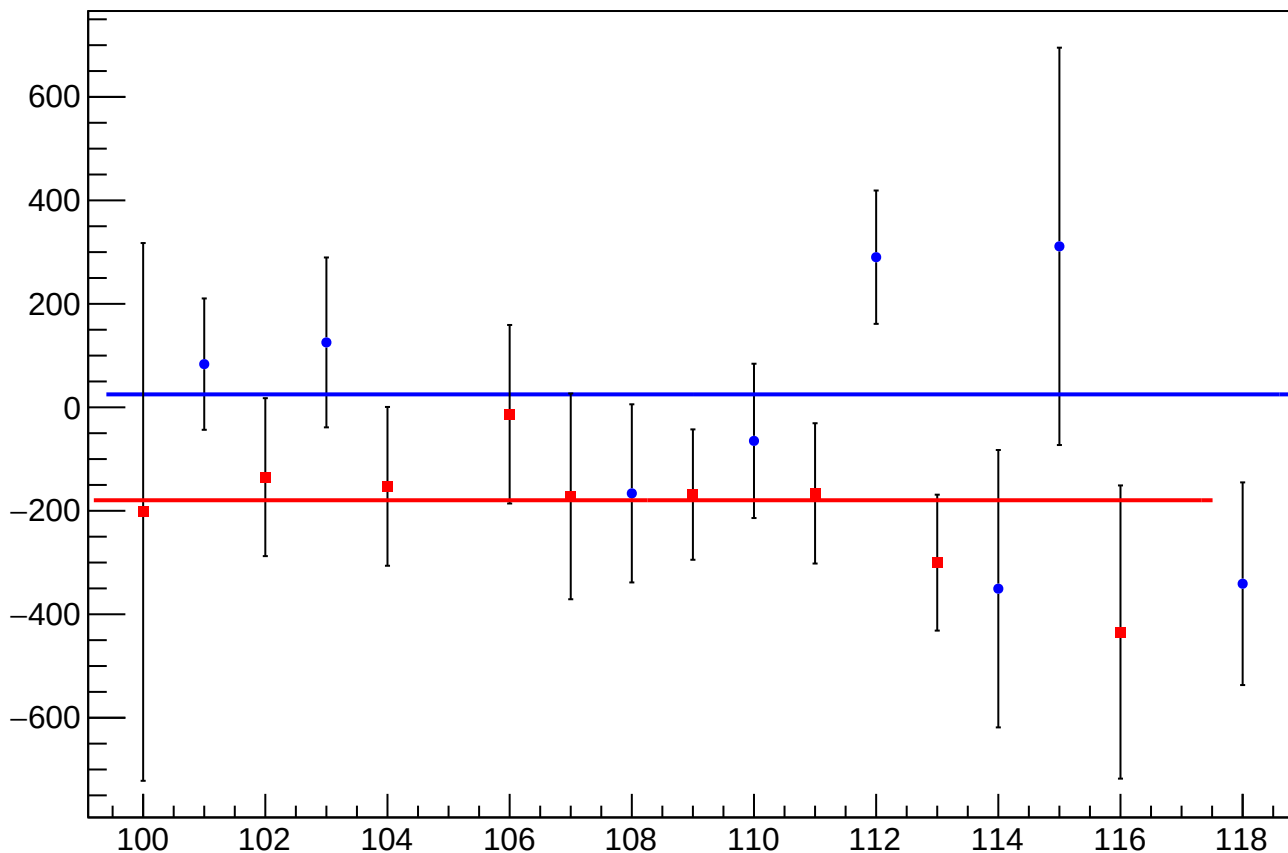
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 383535.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



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: -179.591+/-54.575 χ^2/NDF : 2.7/8

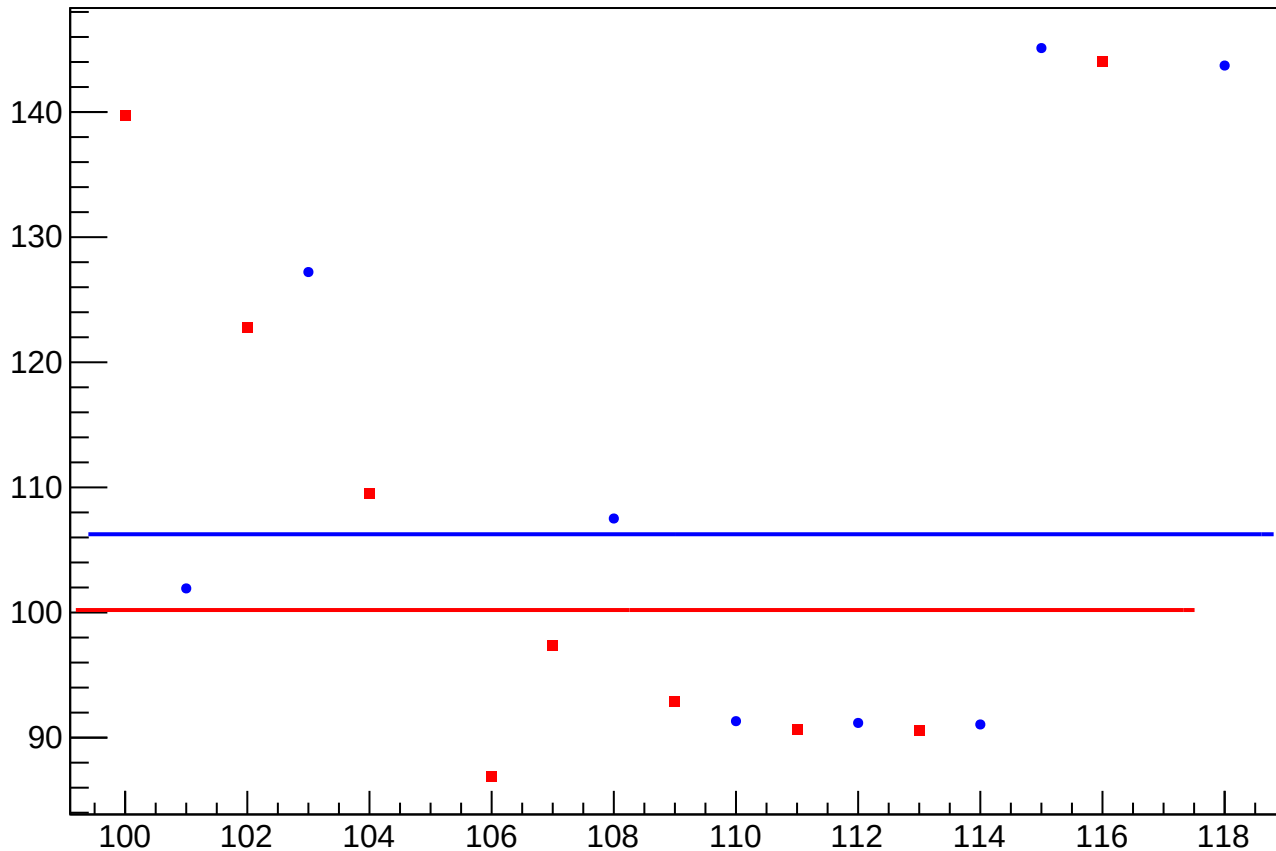
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.669+/-40.142 χ^2/NDF : 21.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 106.256 $\pm$ 0.042 χ^2 /NDF: 182550.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.199 $\pm$ 0.039 χ^2 /NDF: 150055.8/8

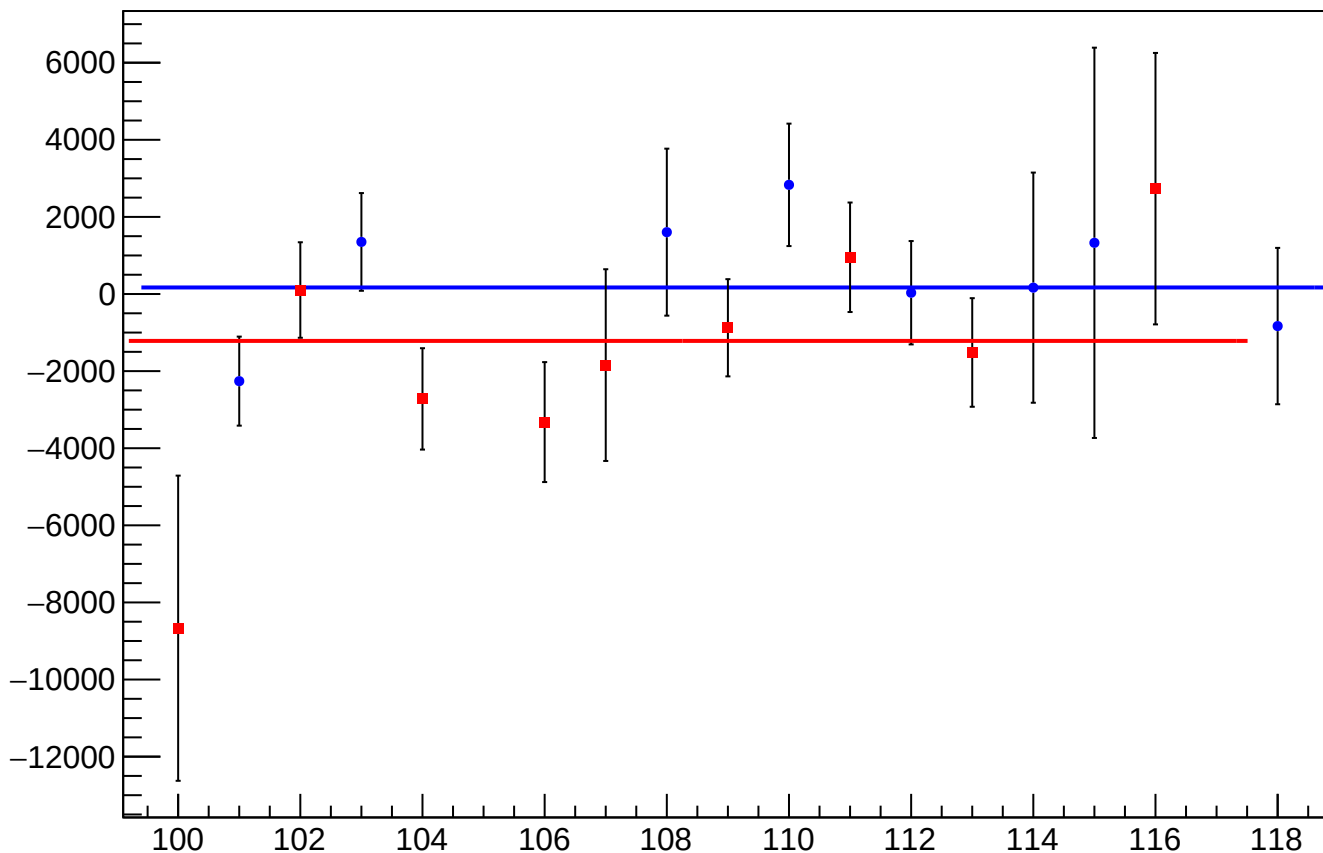
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.979 $\pm$ 0.028 χ^2 /NDF: 343912.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 169.885 $\pm$ 583.887 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1216.392 $\pm$ 528.616 χ^2 /NDF: 11.6/8

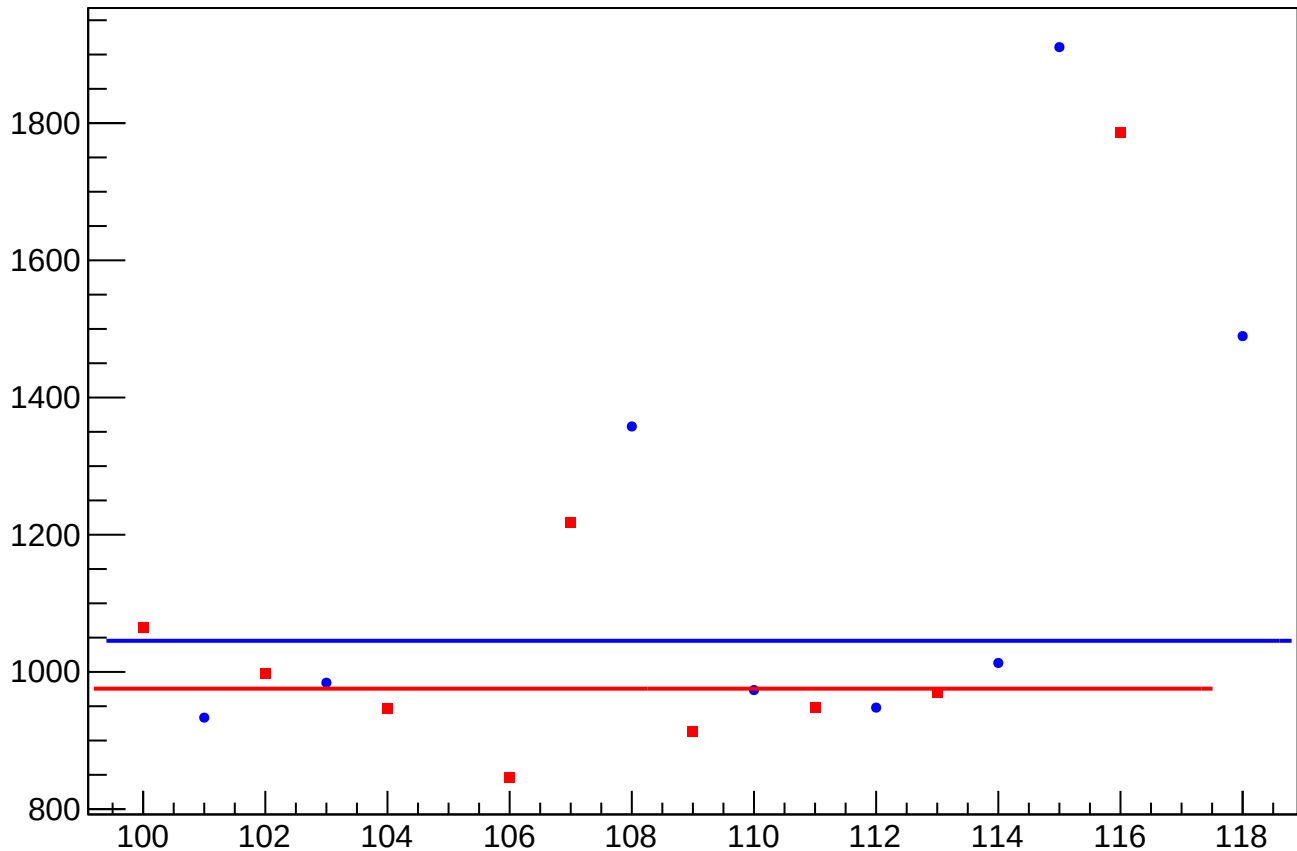
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -591.956 $\pm$ 391.875 χ^2 /NDF: 23.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



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: 975.611+/-0.374 χ^2/NDF : 147169.9/8

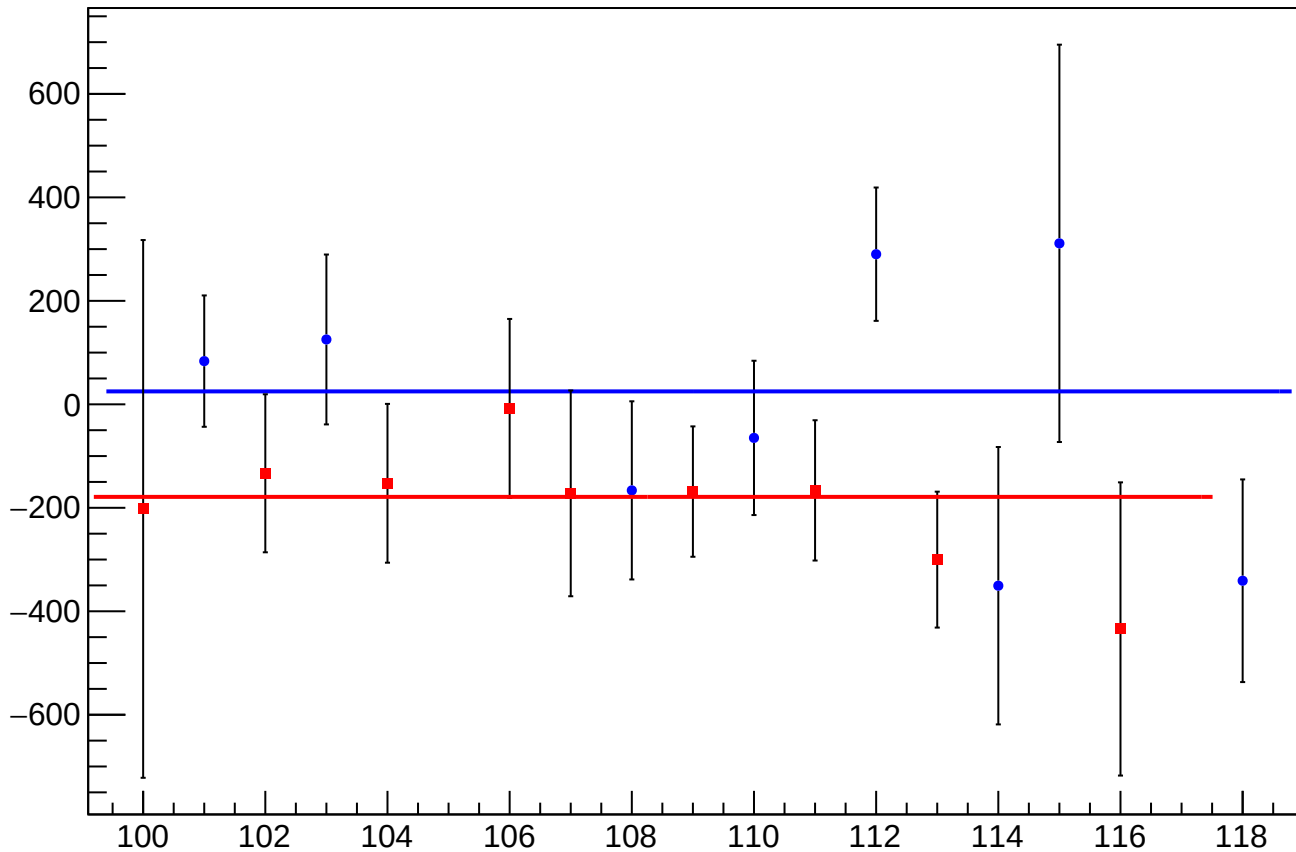
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.044+/-0.277 χ^2/NDF : 397245.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 25.010 $\pm$ 59.252 χ^2 /NDF: 12.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -178.881 $\pm$ 54.588 χ^2 /NDF: 2.8/8

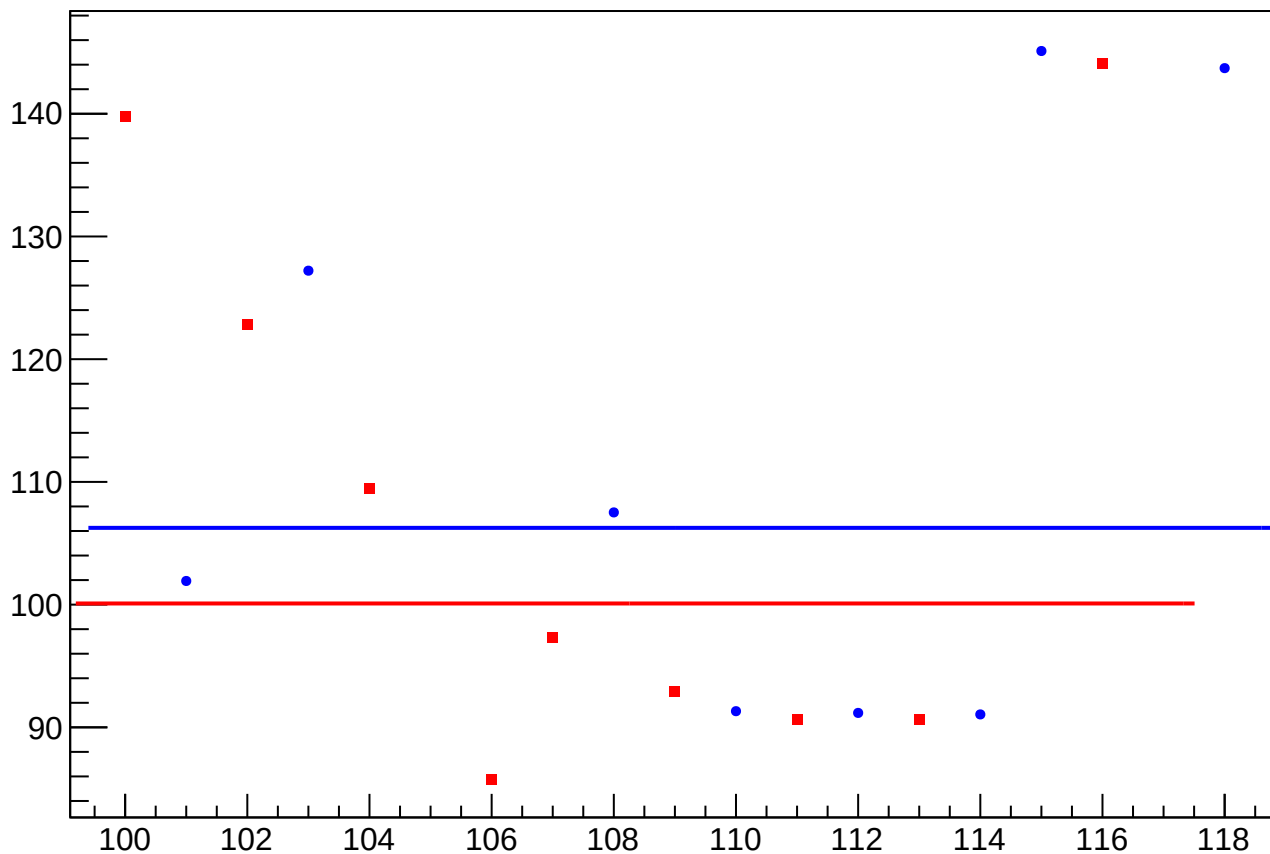
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.273 $\pm$ 40.147 χ^2 /NDF: 21.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 106.256 $\pm$ 0.042 χ^2 /NDF: 182552.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.094 $\pm$ 0.039 χ^2 /NDF: 152276.8/8

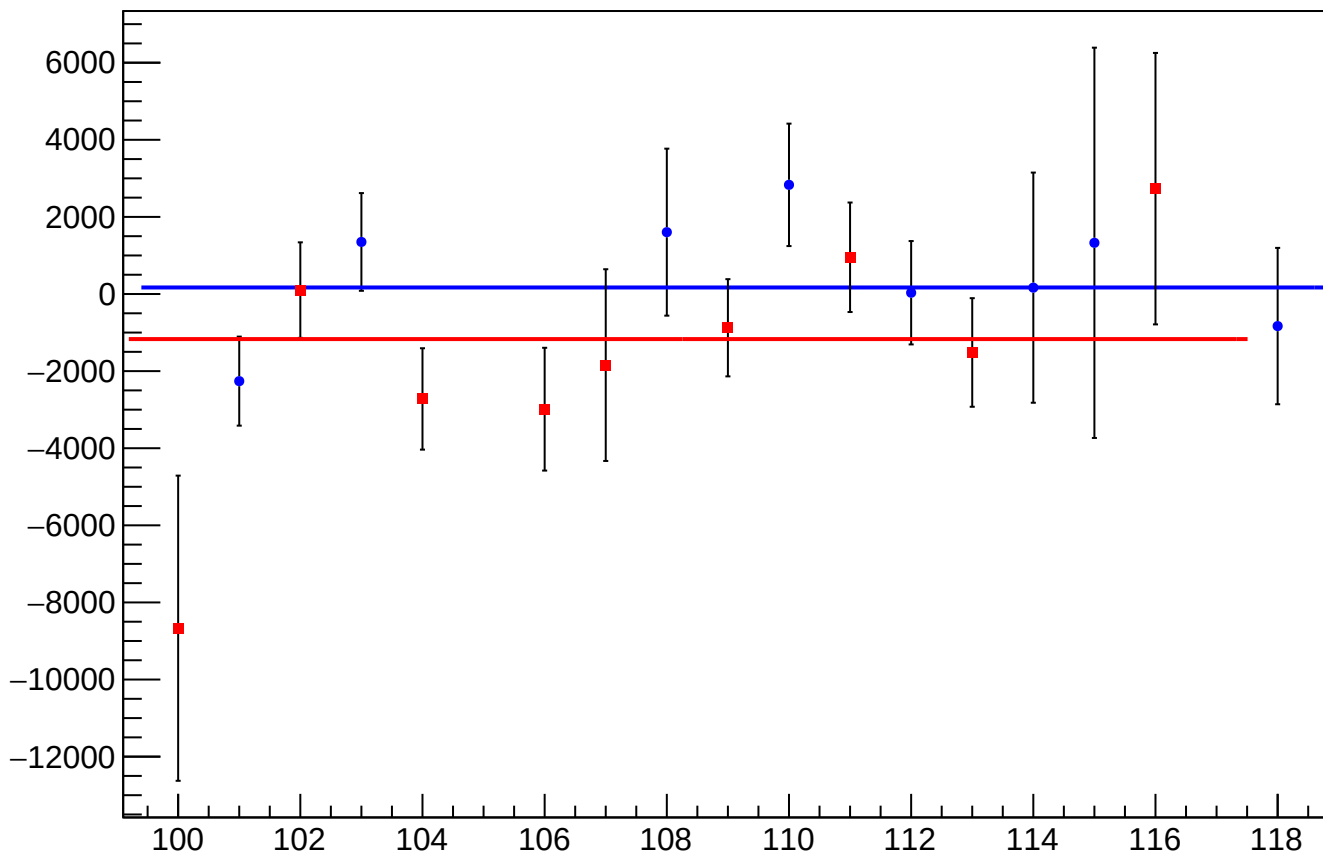
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.923 $\pm$ 0.028 χ^2 /NDF: 346530.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



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: -1168.832+/-530.053 χ^2/NDF : 11.0/8

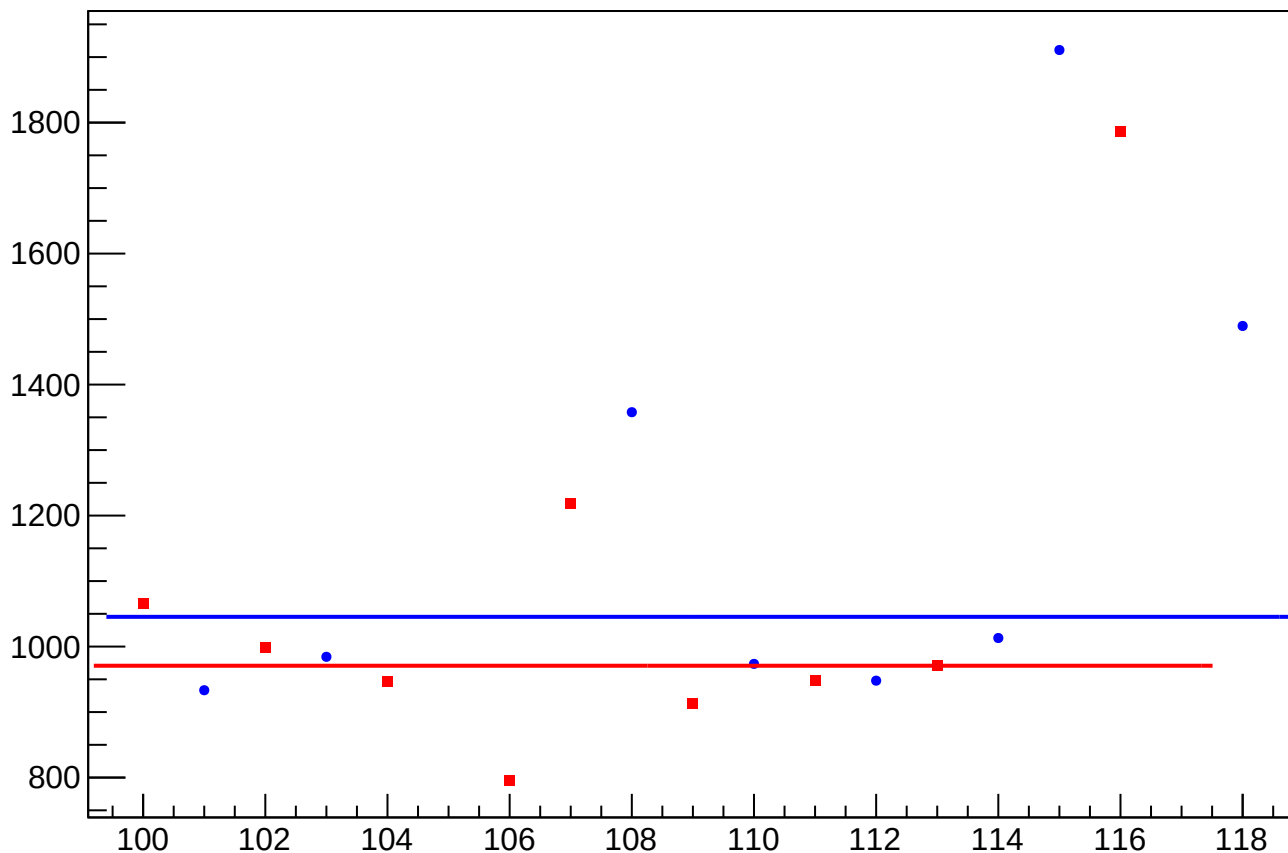
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -564.101+/-392.461 χ^2/NDF : 22.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



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: 970.754+/-0.375 χ^2/NDF : 158680.0/8

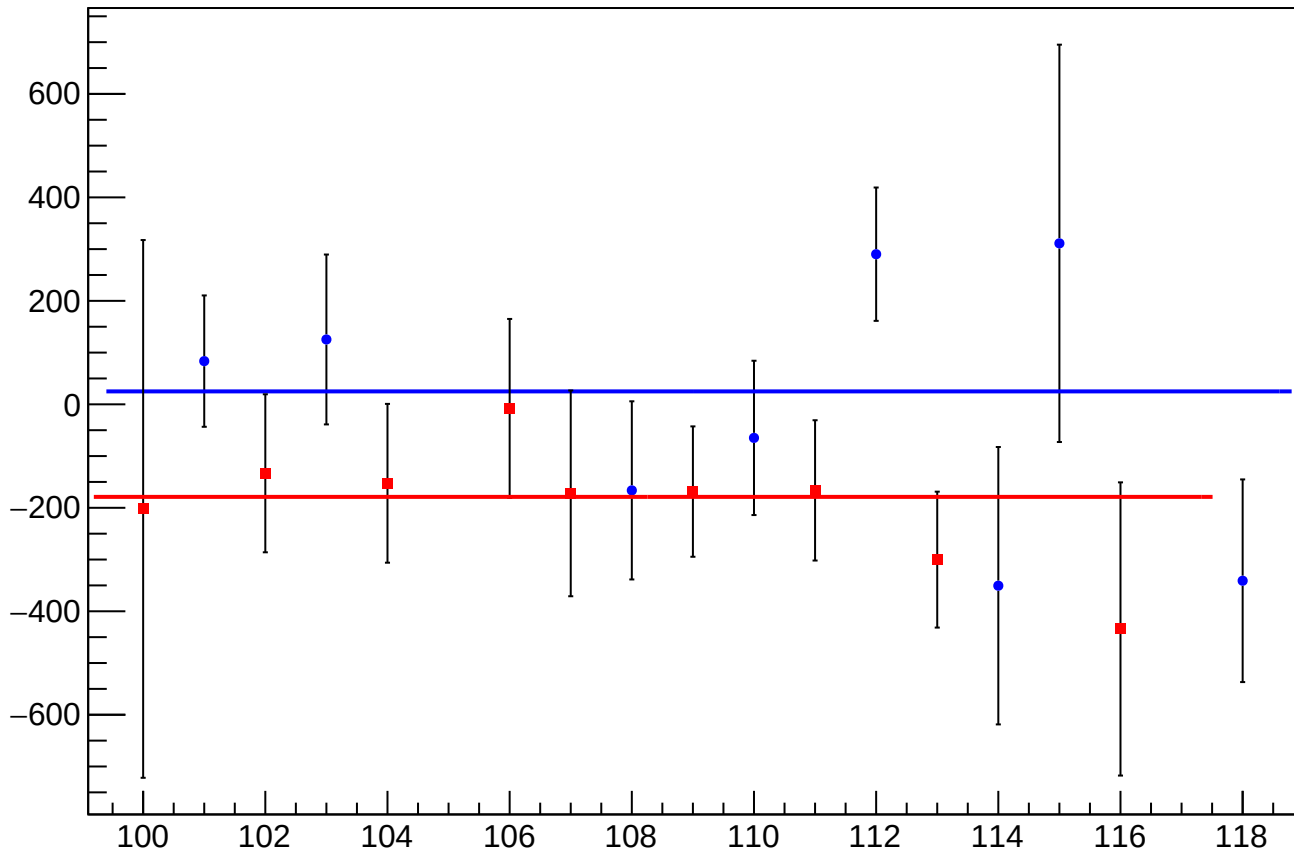
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.481+/-0.278 χ^2/NDF : 410968.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



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: -178.881+/-54.588 χ^2/NDF : 2.8/8

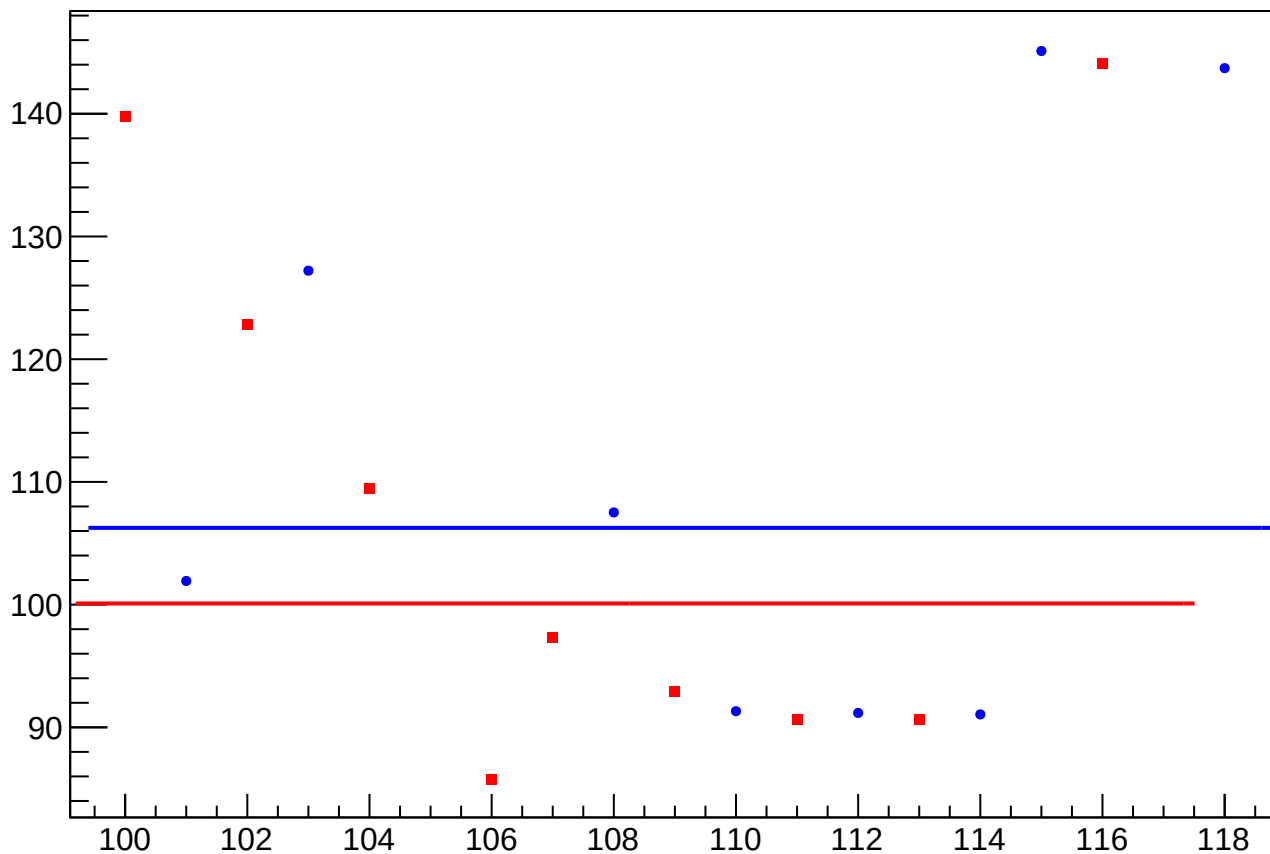
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.273+/-40.147 χ^2/NDF : 21.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 106.256 $\pm$ 0.042 χ^2 /NDF: 182552.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 100.094 $\pm$ 0.039 χ^2 /NDF: 152276.8/8

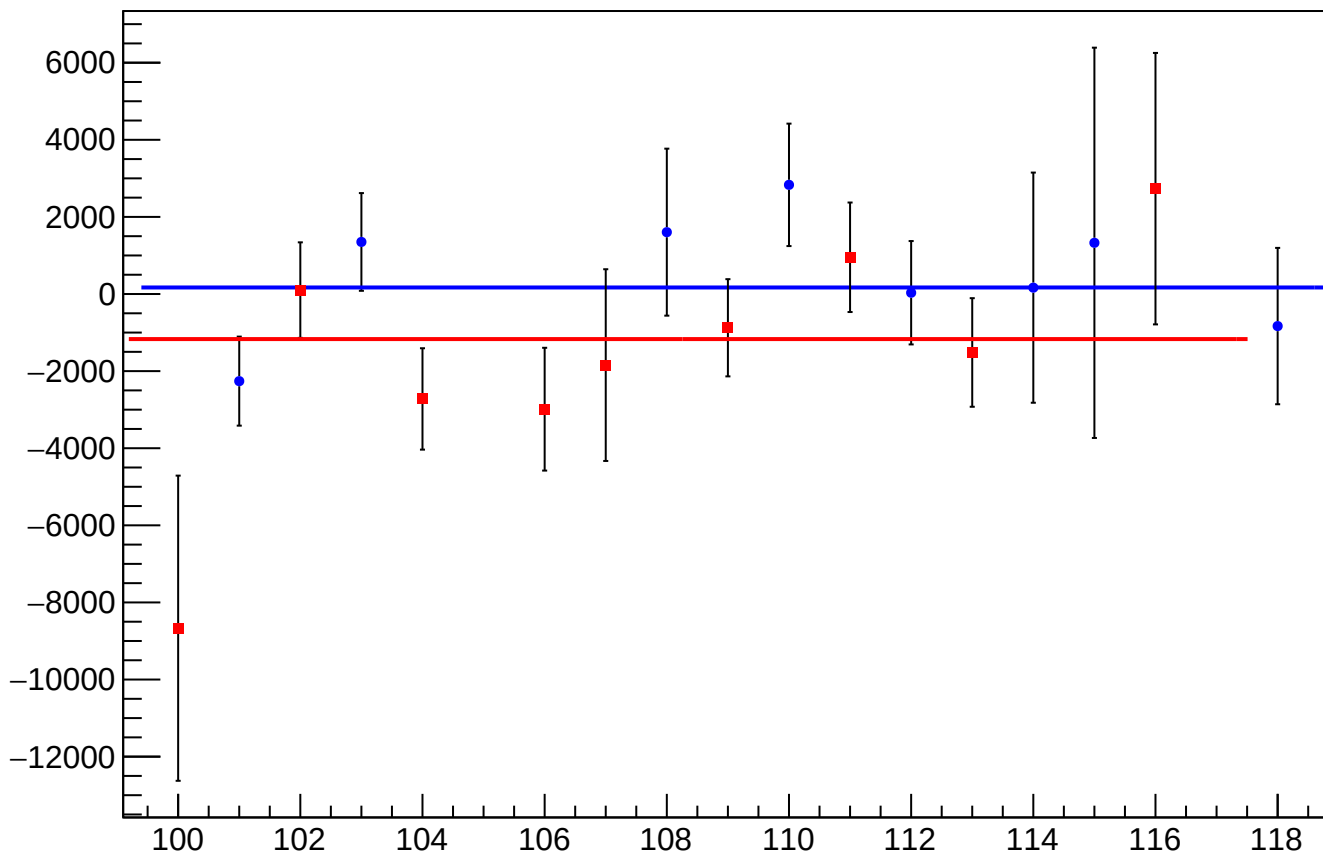
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.923 $\pm$ 0.028 χ^2 /NDF: 346530.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 169.722 $\pm$ 583.894 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1168.832 $\pm$ 530.053 χ^2 /NDF: 11.0/8

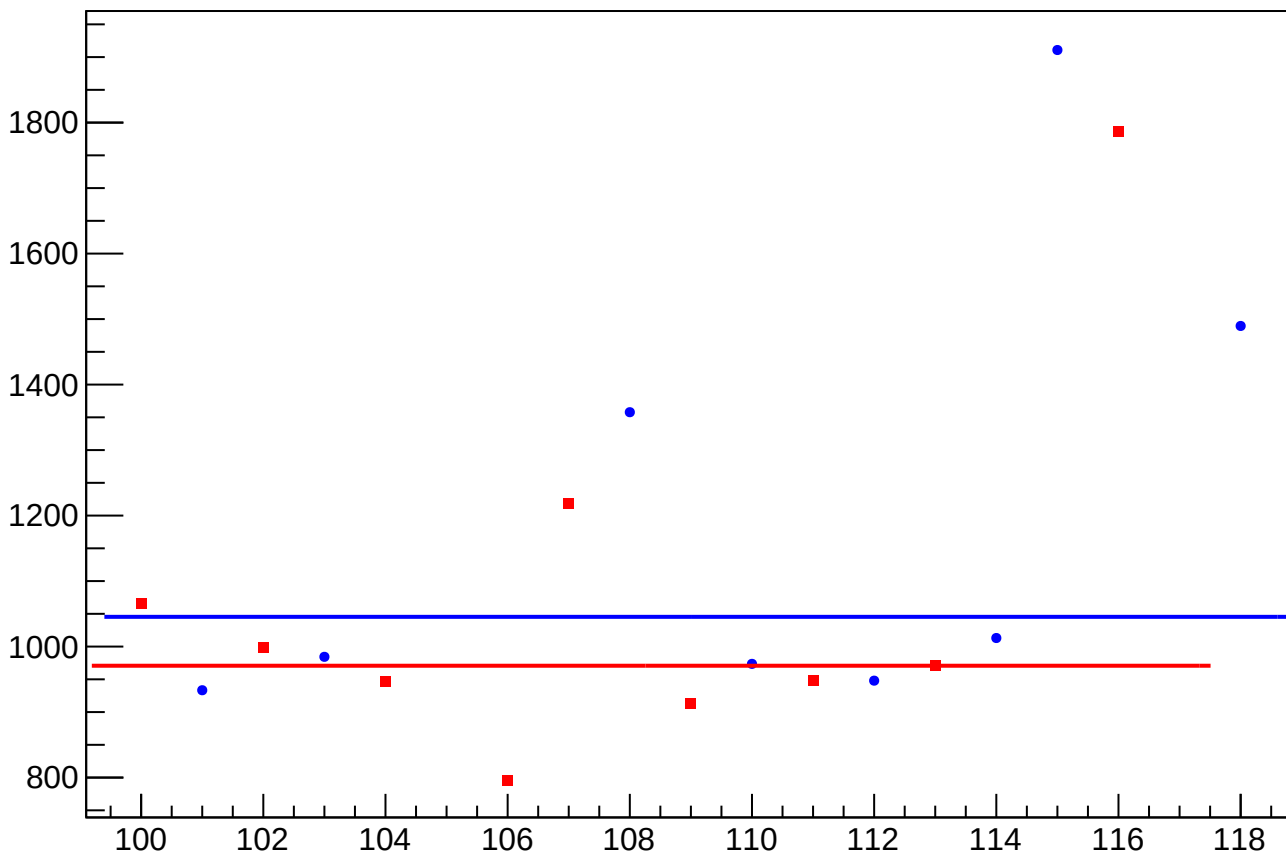
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -564.101 $\pm$ 392.461 χ^2 /NDF: 22.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



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: 970.754+/-0.375 χ^2/NDF : 158680.0/8

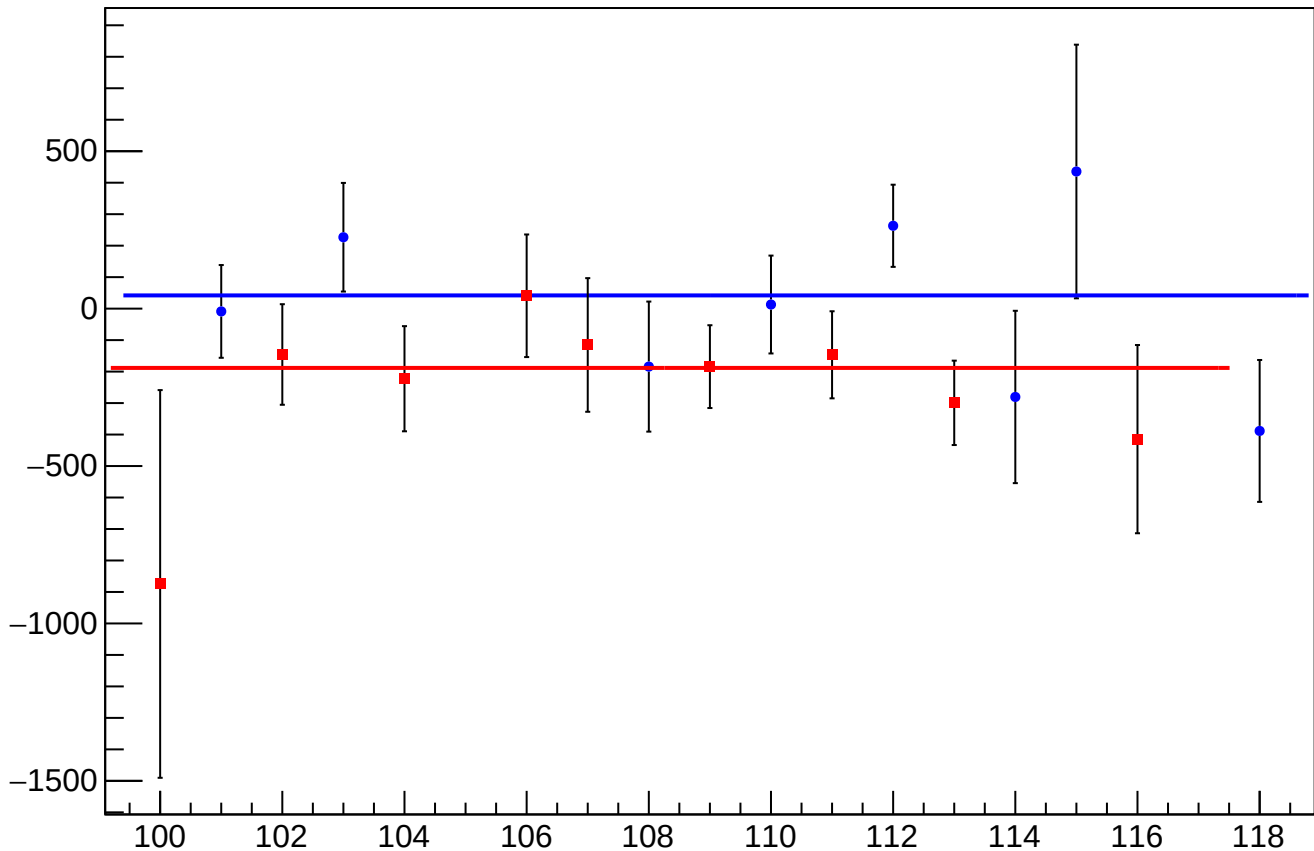
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1004.481+/-0.278 χ^2/NDF : 410968.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 41.970 $\pm$ 64.225 χ^2 /NDF: 11.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -188.326 $\pm$ 57.424 χ^2 /NDF: 4.2/8

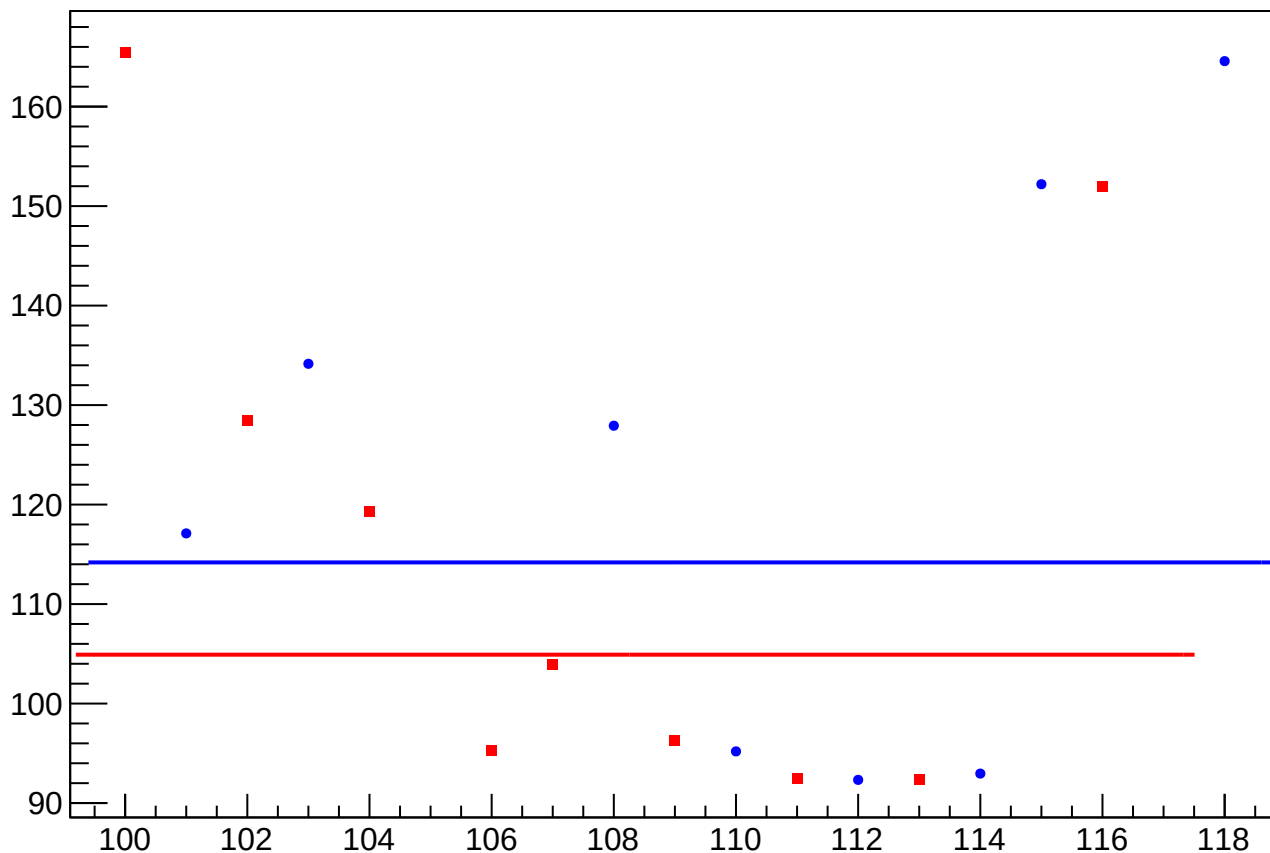
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -86.013 $\pm$ 42.808 χ^2 /NDF: 22.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 114.187 $\pm$ 0.045 χ^2 /NDF: 252179.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.913 $\pm$ 0.041 χ^2 /NDF: 174393.8/8

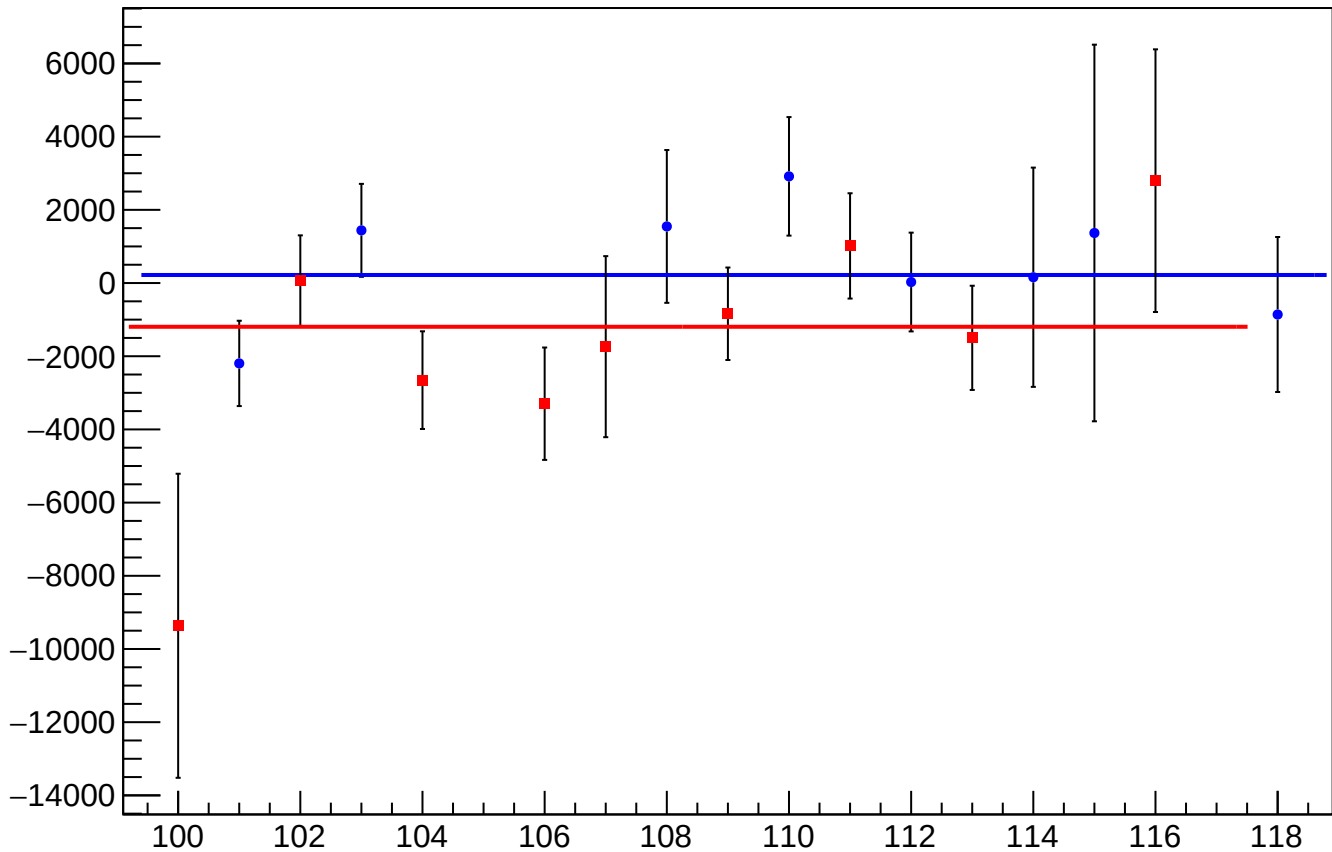
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.033 $\pm$ 0.030 χ^2 /NDF: 449751.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 220.015 $\pm$ 588.464 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1195.021 $\pm$ 531.481 χ^2 /NDF: 11.7/8

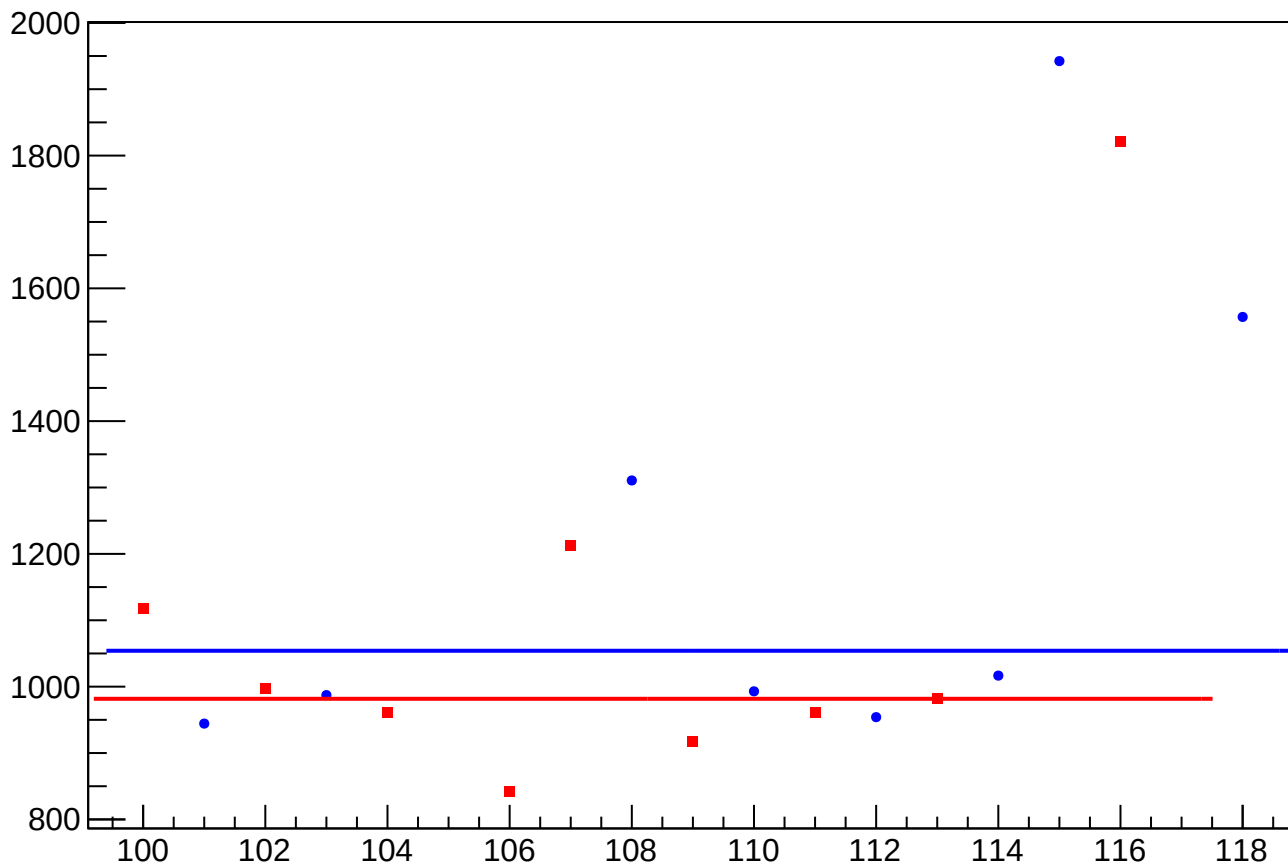
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -559.315 $\pm$ 394.425 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1054.066 $\pm$ 0.416 χ^2 /NDF: 239958.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 981.709 $\pm$ 0.376 χ^2 /NDF: 151990.4/8

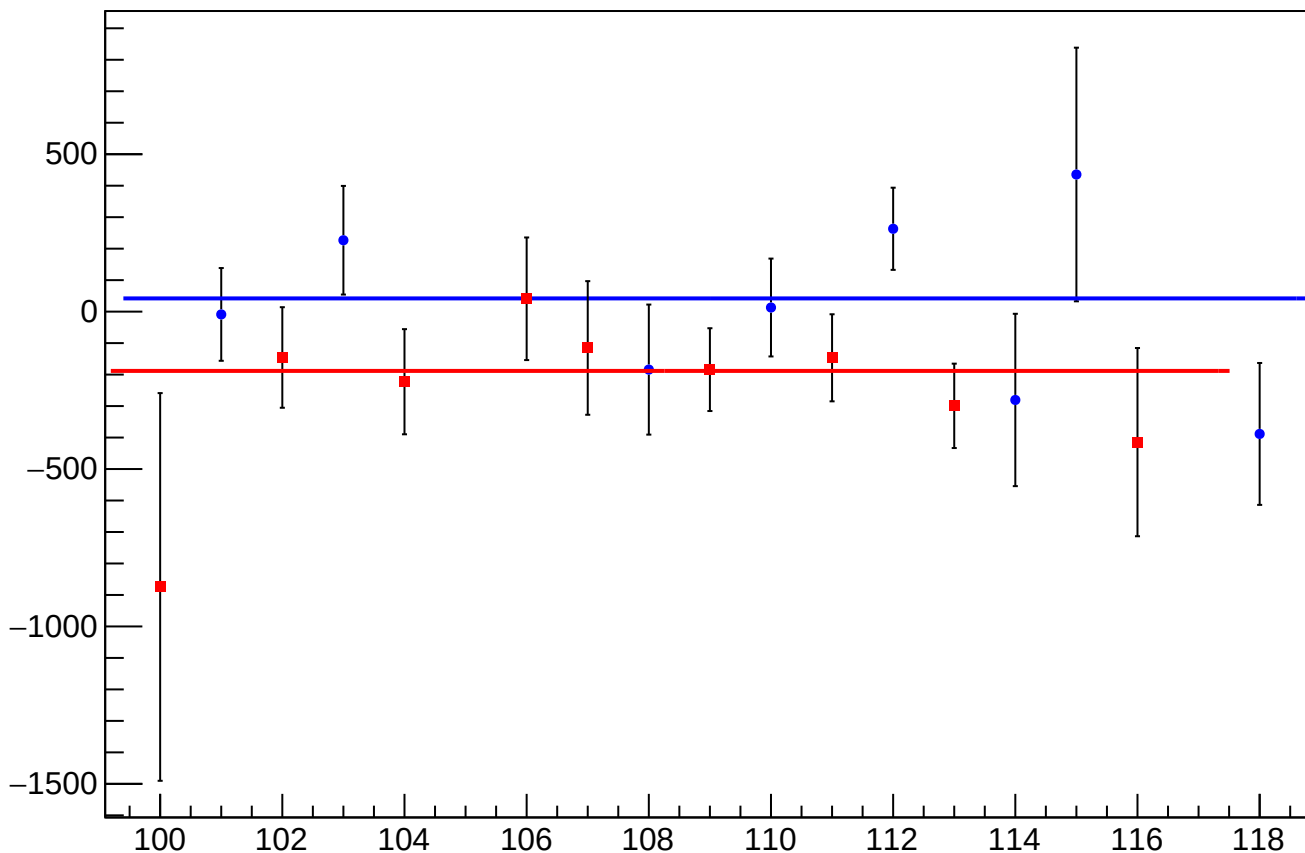
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1014.216 $\pm$ 0.279 χ^2 /NDF: 408602.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_mean vs Slug



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: -188.326+/-57.424 χ^2/NDF : 4.2/8

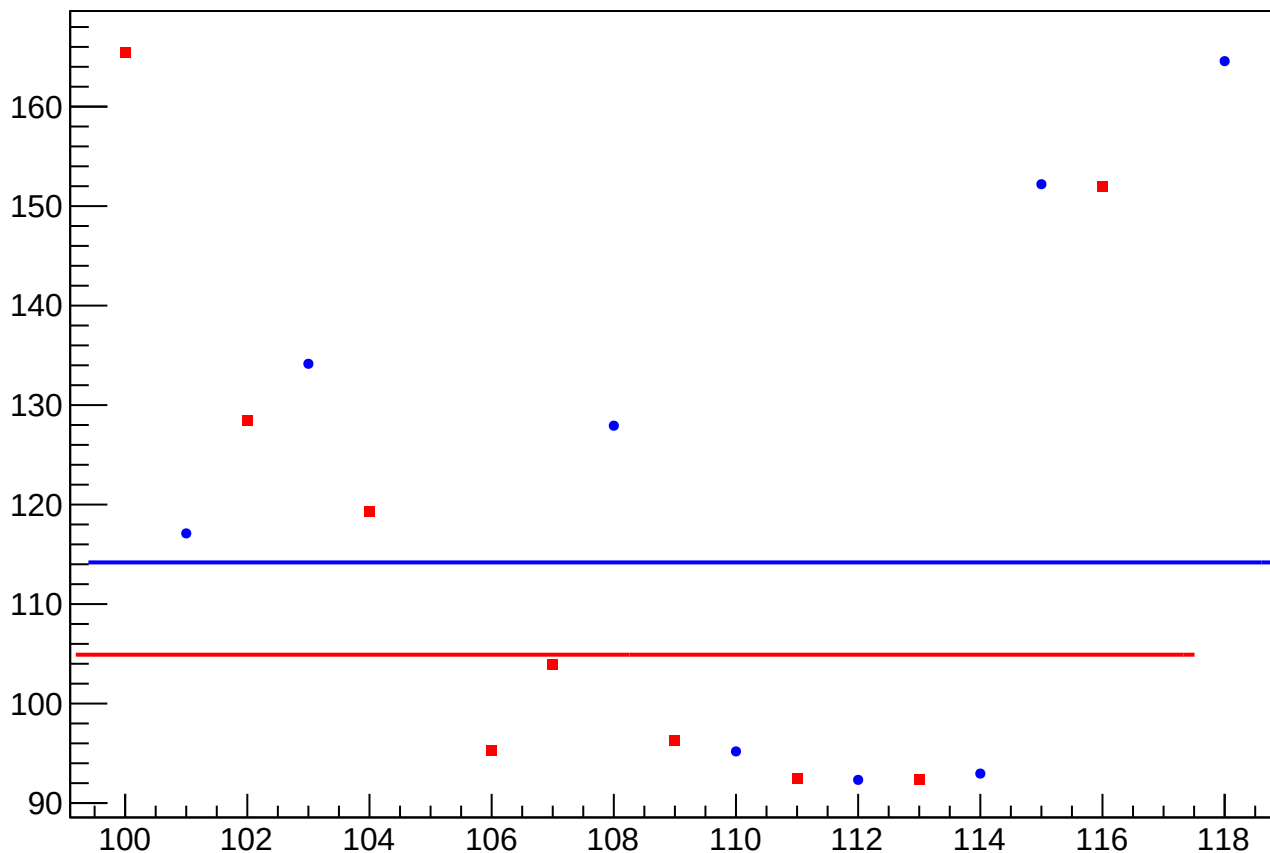
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.013+/-42.808 χ^2/NDF : 22.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 114.187 $\pm$ 0.045 χ^2 /NDF: 252184.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.913 $\pm$ 0.041 χ^2 /NDF: 174395.2/8

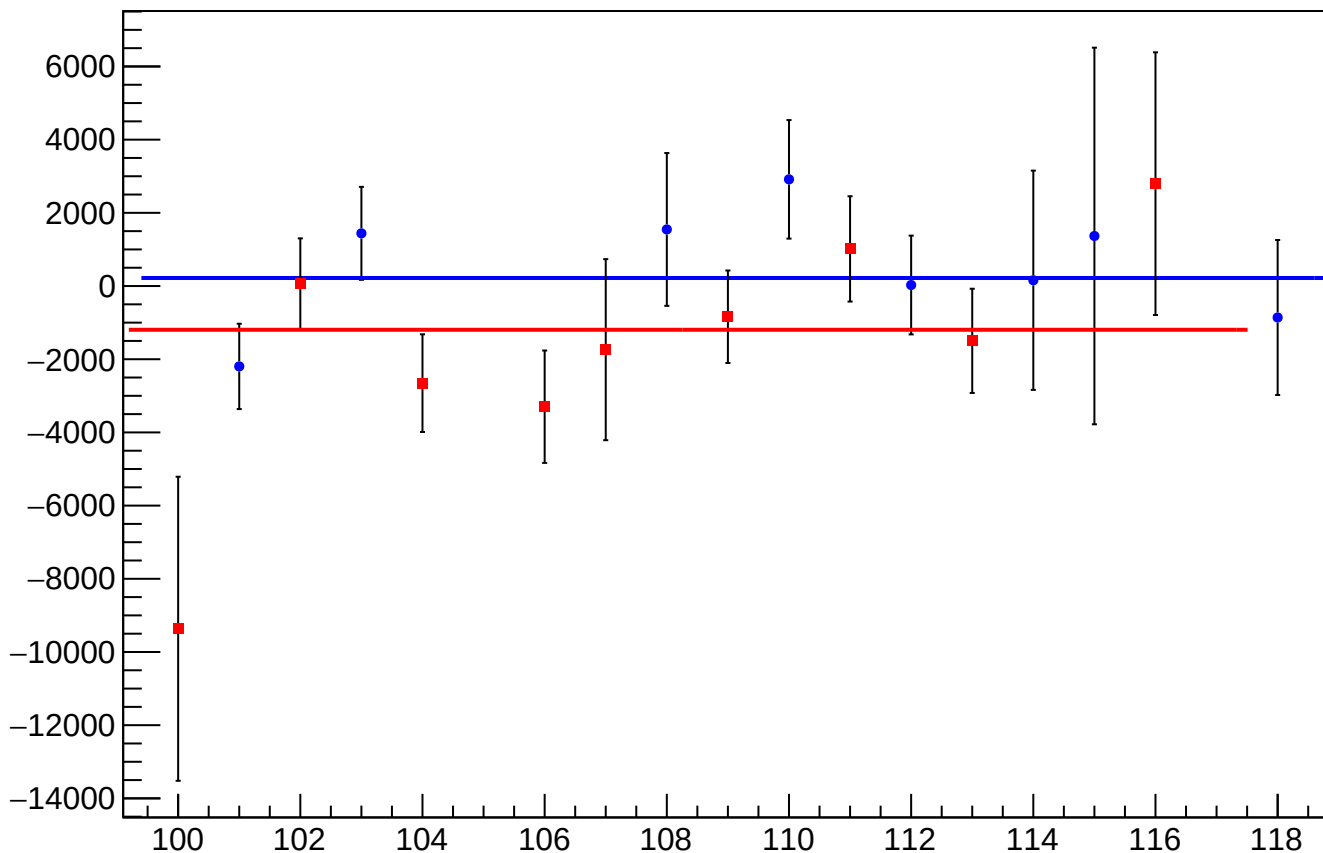
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 109.033 $\pm$ 0.030 χ^2 /NDF: 449757.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 220.017 $\pm$ 588.465 χ^2 /NDF: 8.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1195.020 $\pm$ 531.481 χ^2 /NDF: 11.7/8

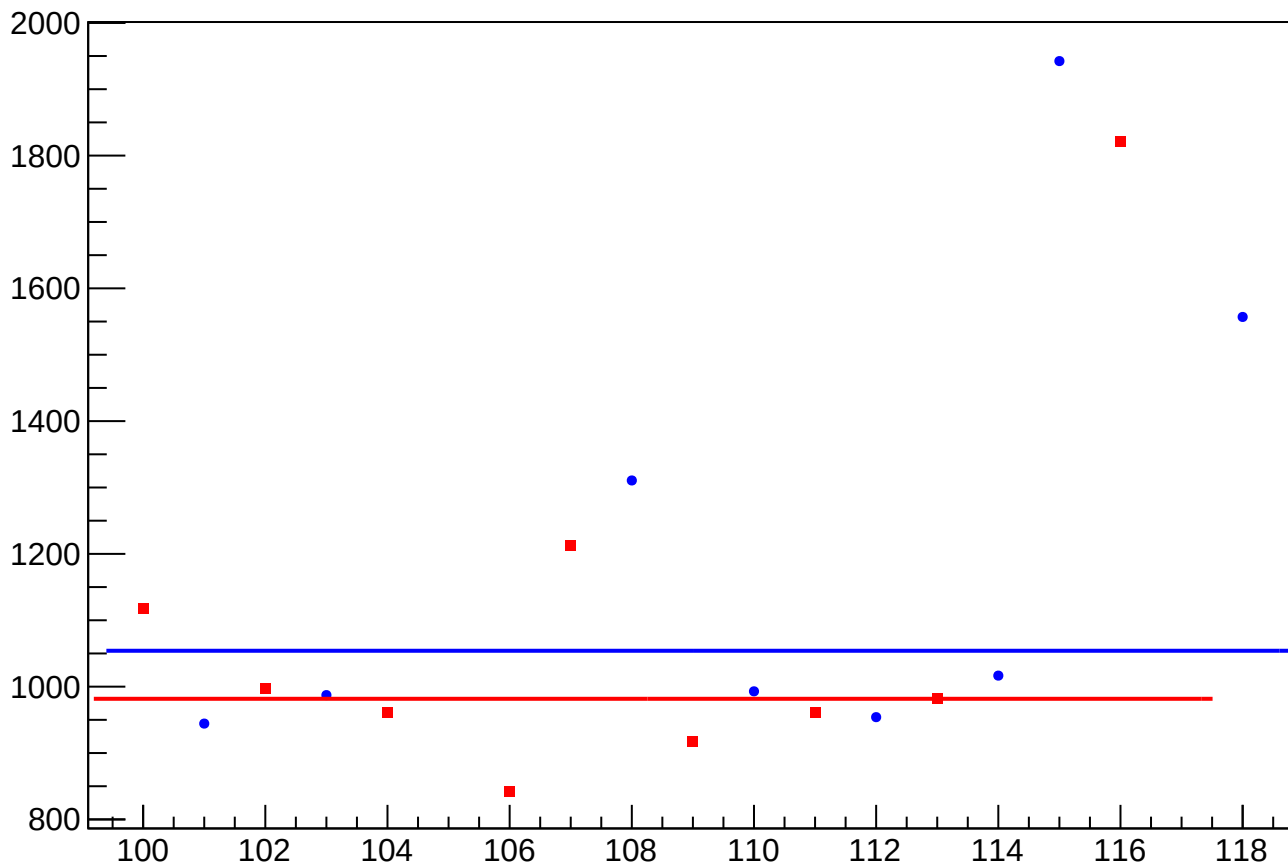
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -559.314 $\pm$ 394.425 χ^2 /NDF: 23.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



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: 981.709+/-0.376 χ^2/NDF : 151991.1/8

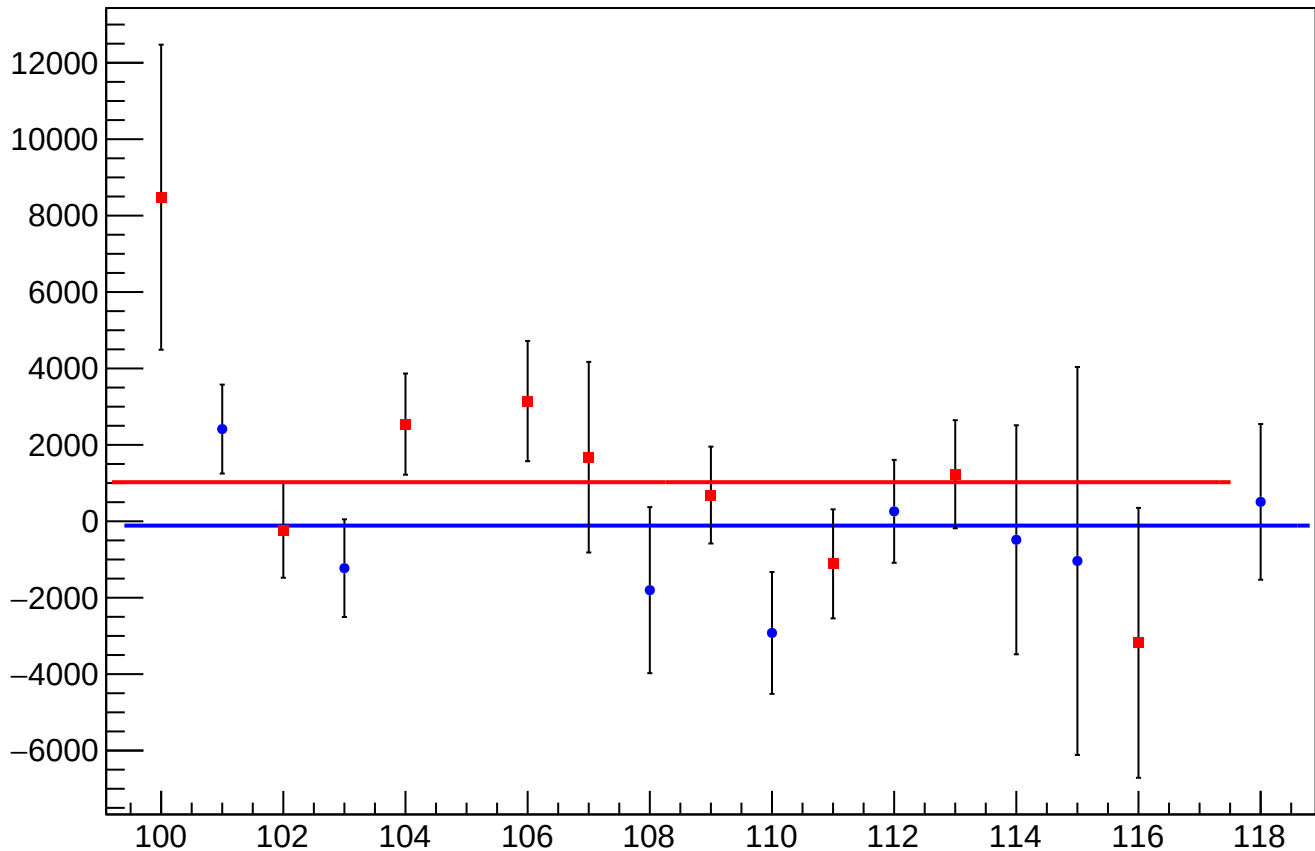
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.216+/-0.279 χ^2/NDF : 408603.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_mean vs Slug



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: 1023.676+/-532.024 χ^2/NDF : 11.5/8

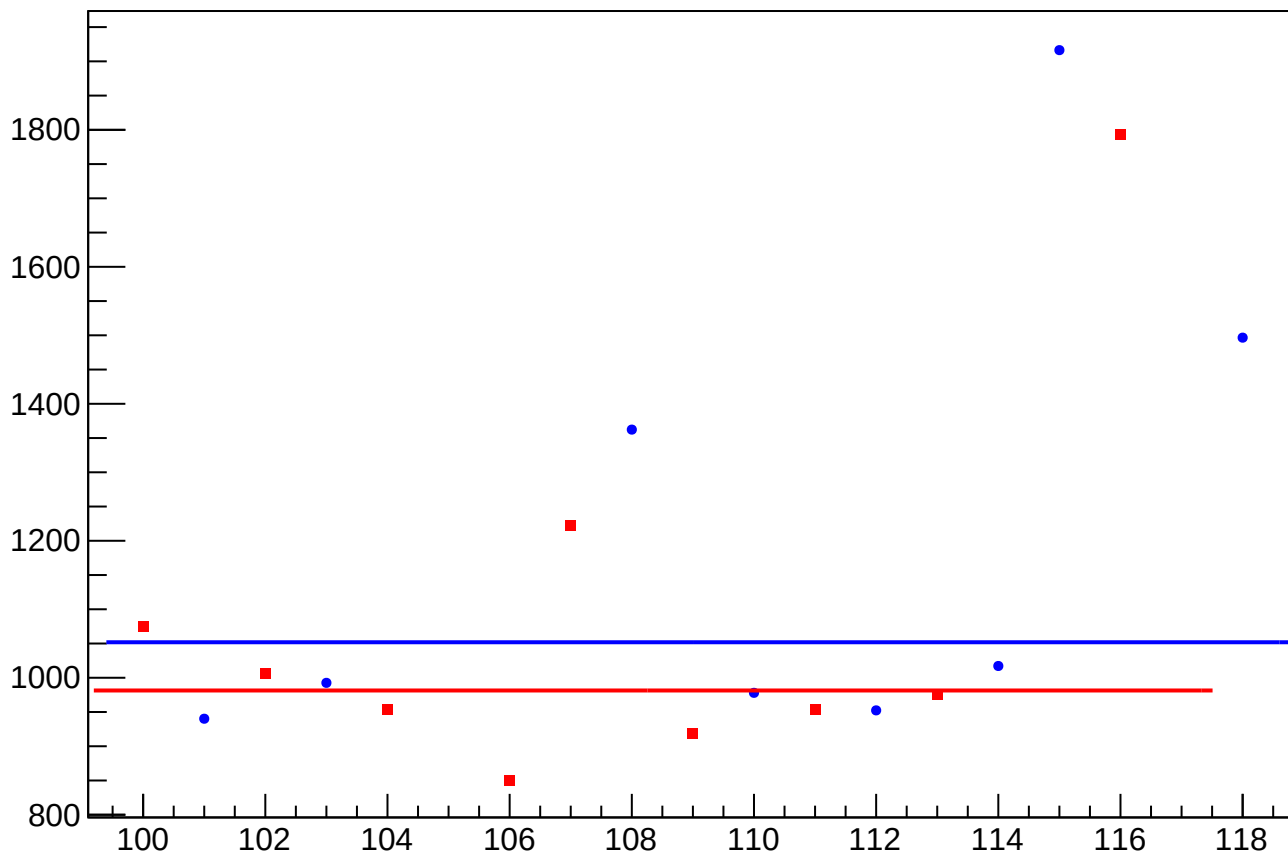
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 511.585+/-394.337 χ^2/NDF : 22.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1051.839 $\pm$ 0.415 χ^2 /NDF: 232289.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 981.424 $\pm$ 0.376 χ^2 /NDF: 146408.3/8

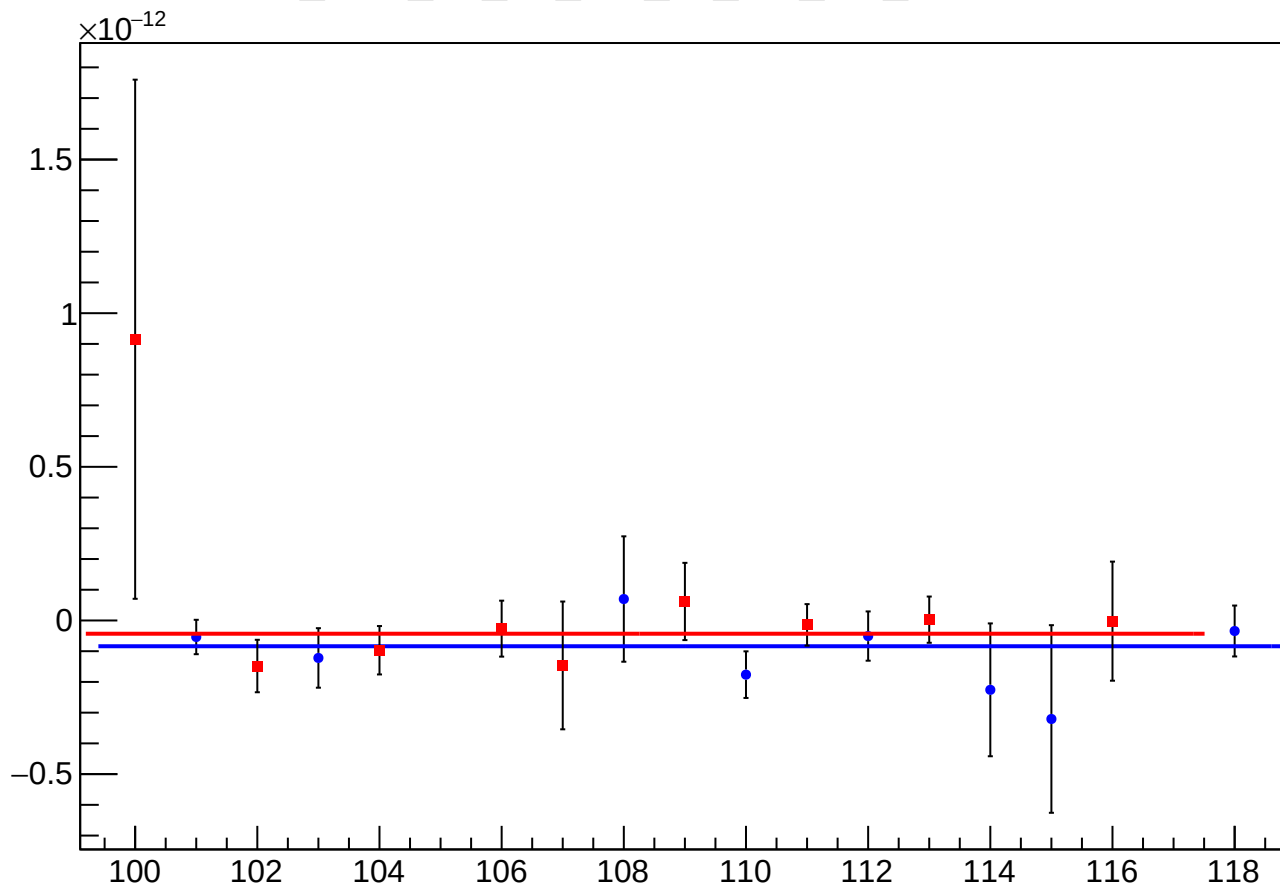
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1013.154 $\pm$ 0.279 χ^2 /NDF: 394484.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



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 : 4.8/8

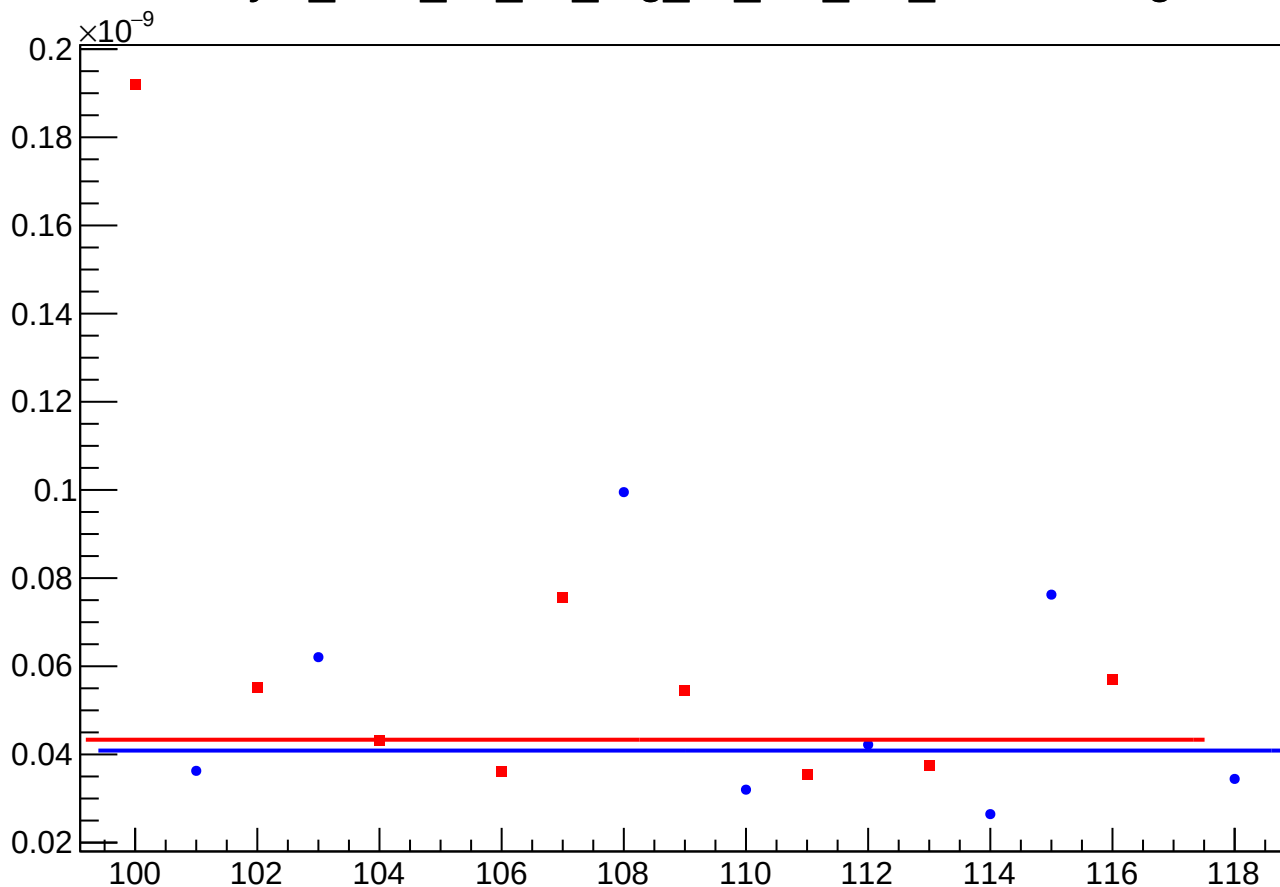
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug



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 : 226427.2/8

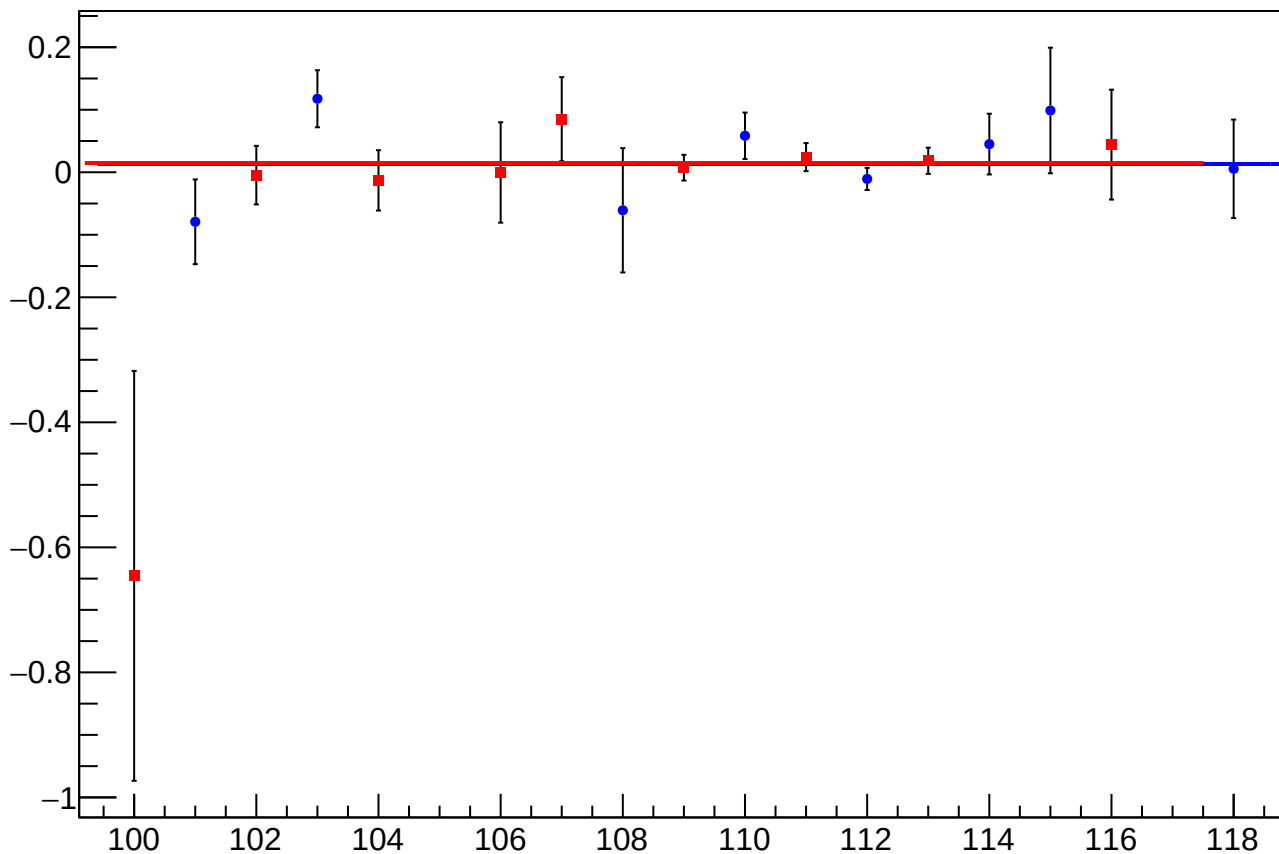
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 582165.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



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: 0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

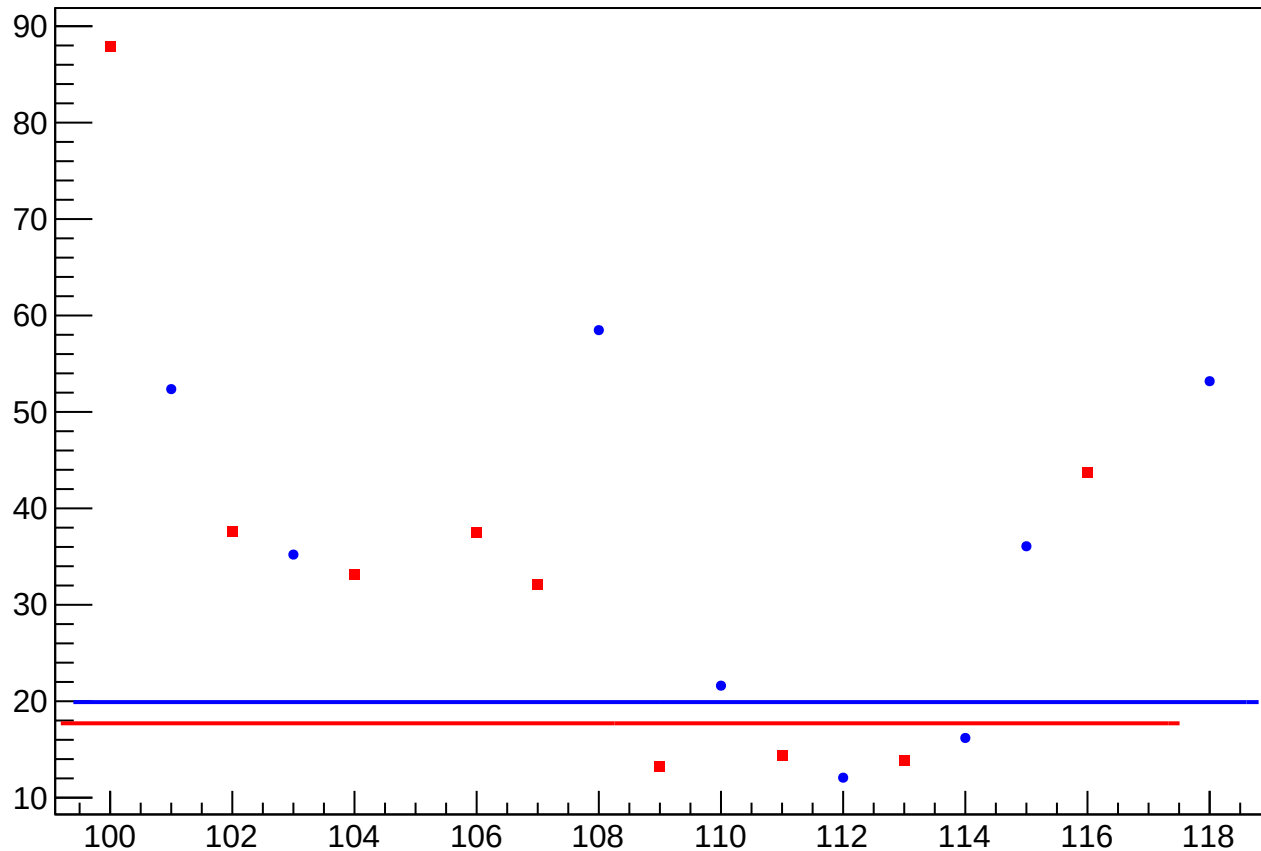
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 19.911 $\pm$ 0.010 χ^2 /NDF: 1799292.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.712 $\pm$ 0.008 χ^2 /NDF: 1253061.4/8

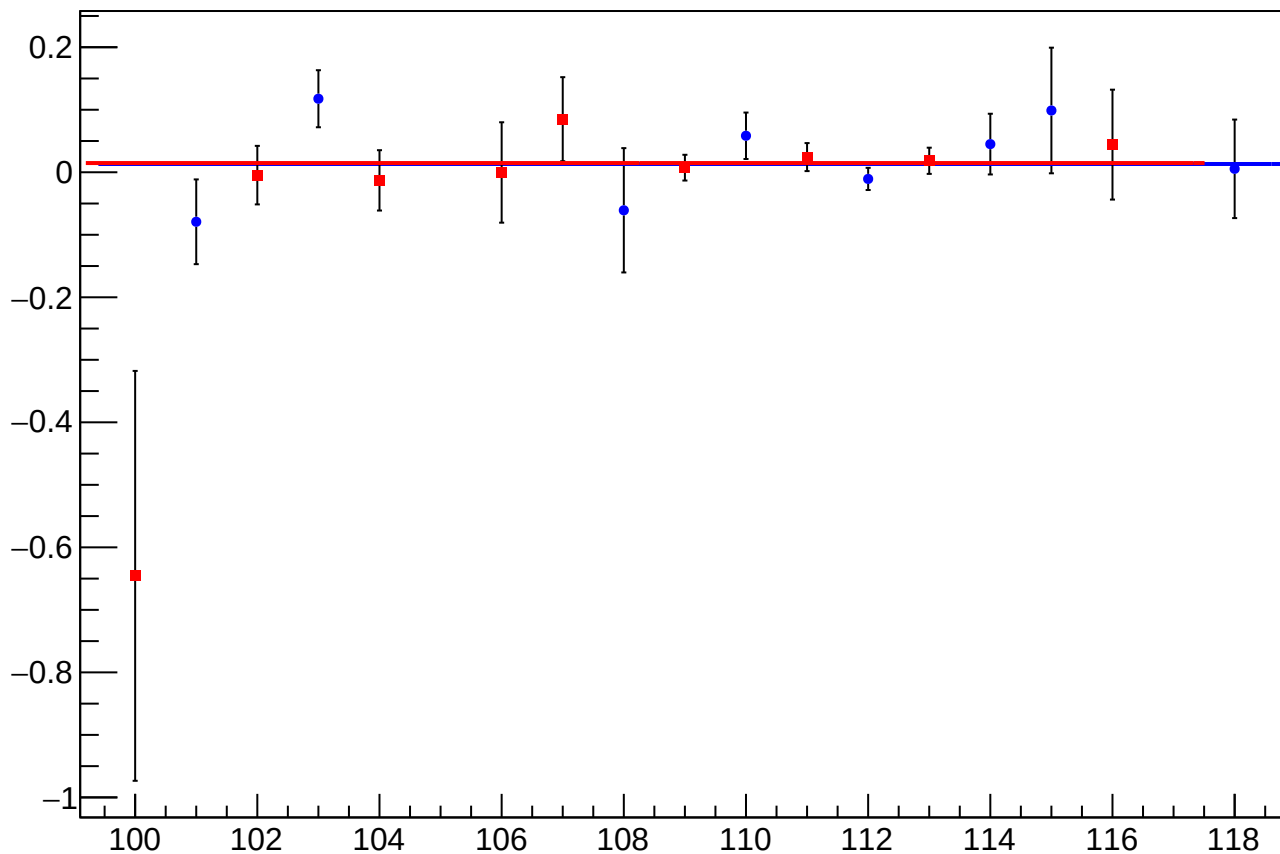
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.595 $\pm$ 0.006 χ^2 /NDF: 3083552.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

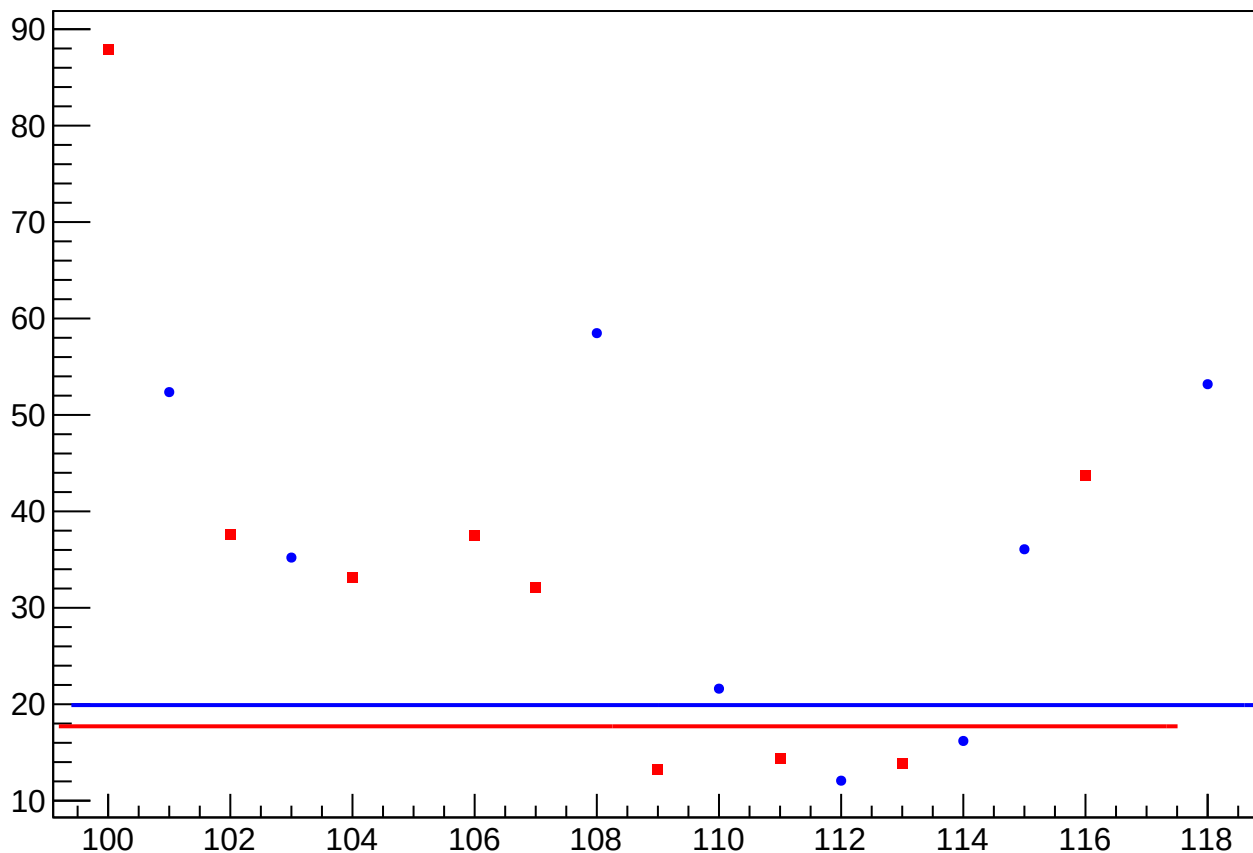
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.911 $\pm$ 0.010 χ^2 /NDF: 1799292.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.712 $\pm$ 0.008 χ^2 /NDF: 1253061.4/8

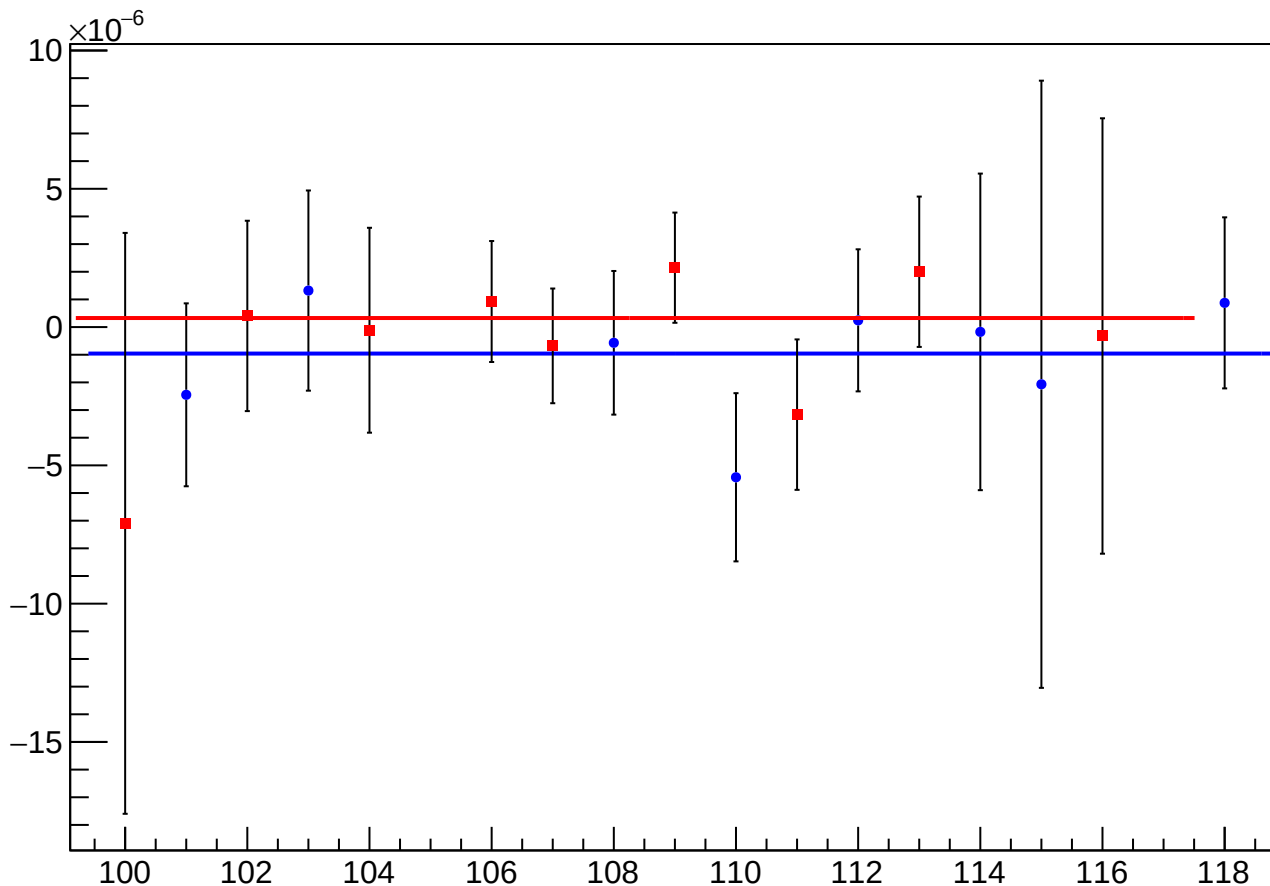
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.595 $\pm$ 0.006 χ^2 /NDF: 3083552.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 3.7/8

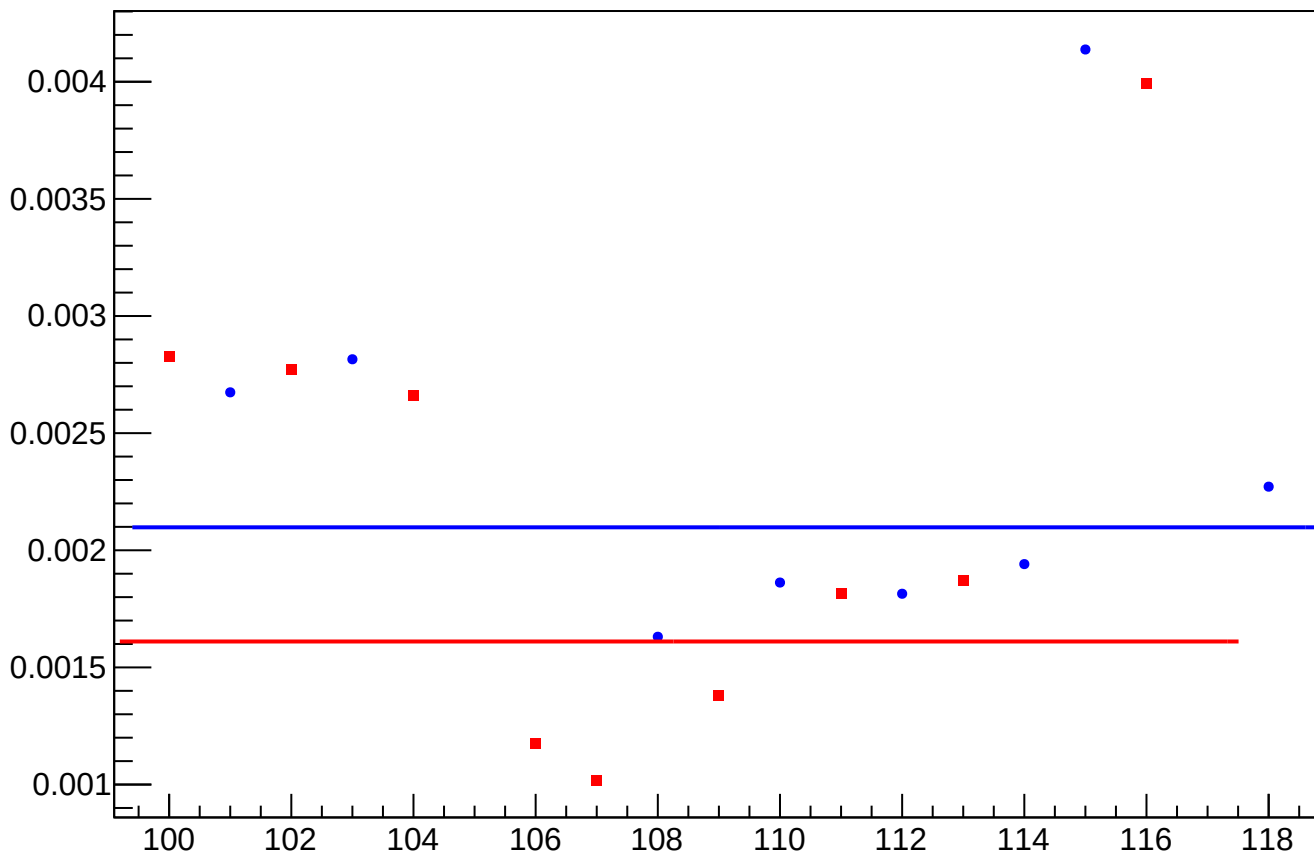
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 898959.0/8

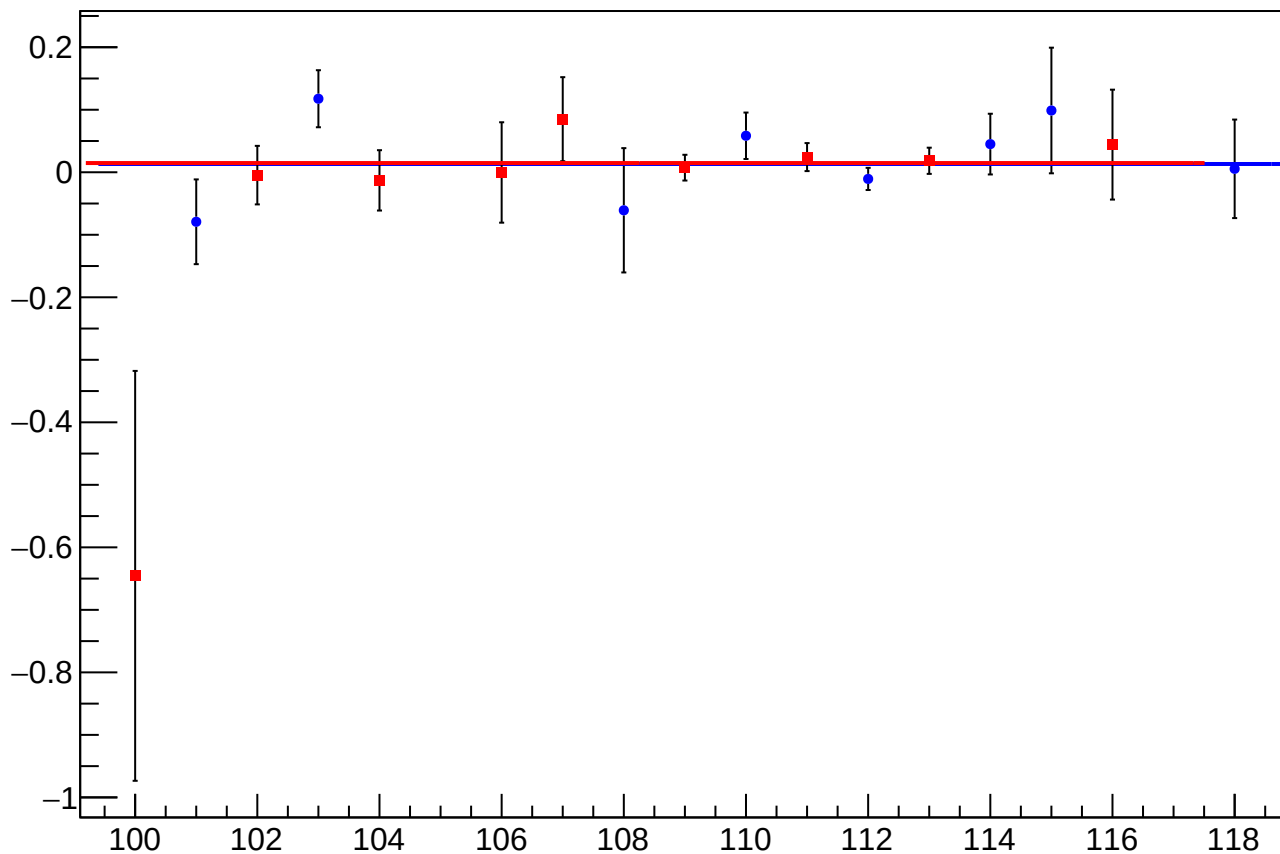
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1426206.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

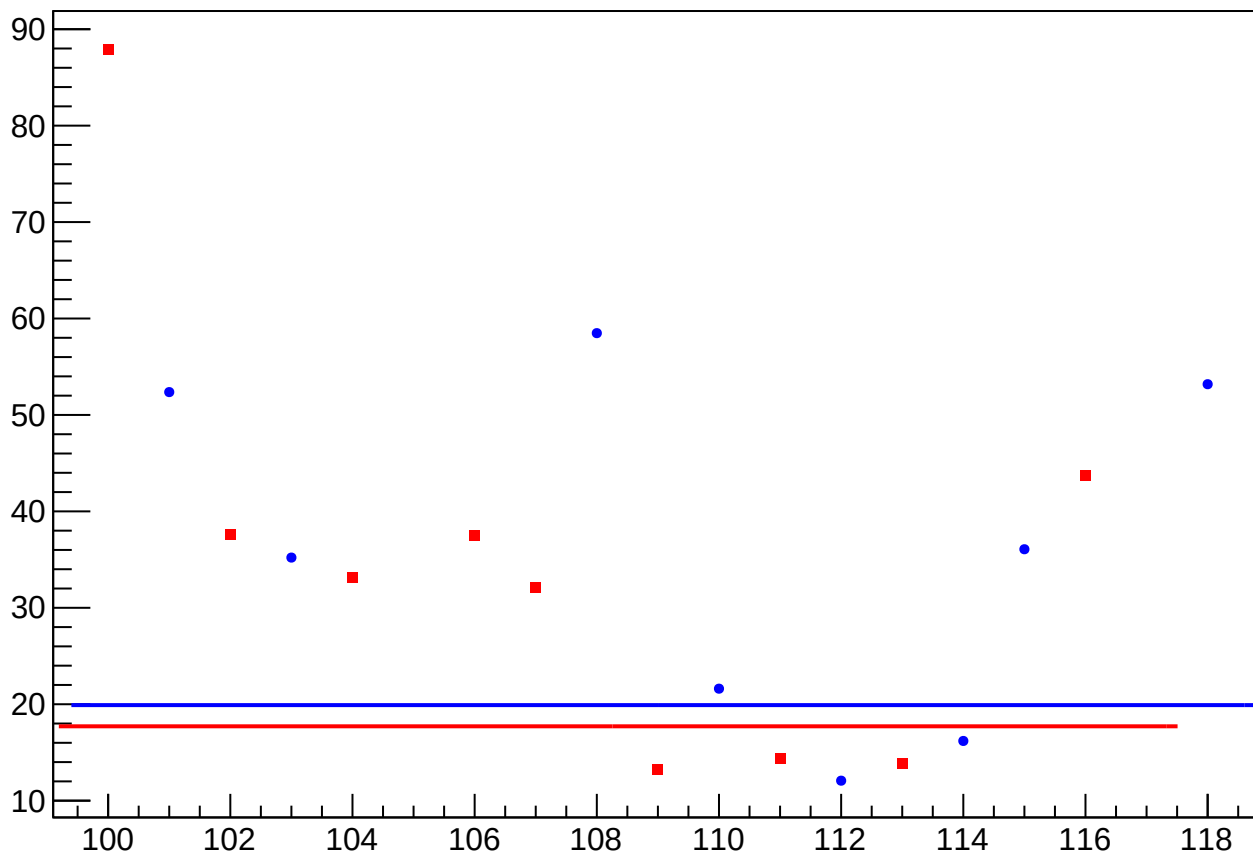
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.910 $\pm$ 0.010 χ^2 /NDF: 1799469.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.711 $\pm$ 0.008 χ^2 /NDF: 1253063.7/8

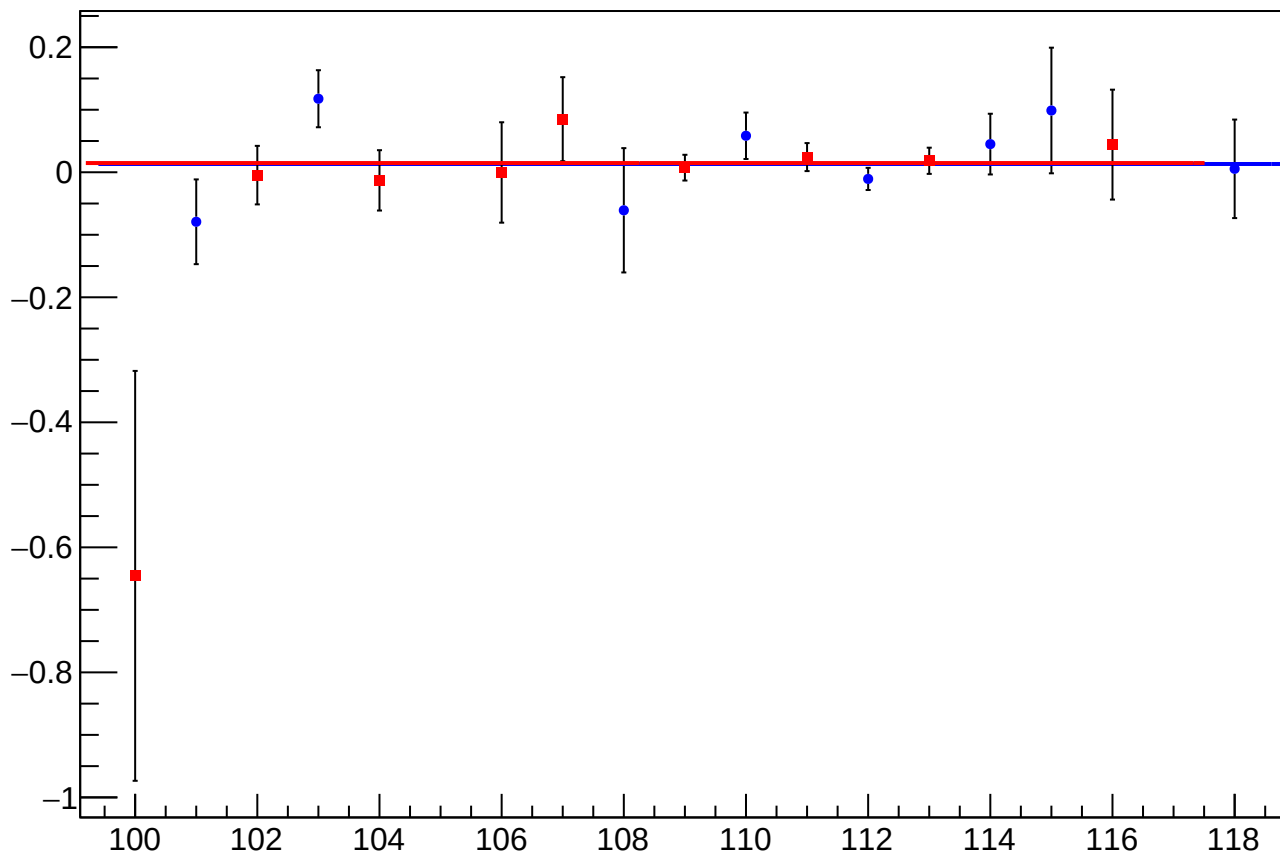
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.594 $\pm$ 0.006 χ^2 /NDF: 3083698.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.015 $\pm$ 0.011 χ^2 /NDF: 6.1/8

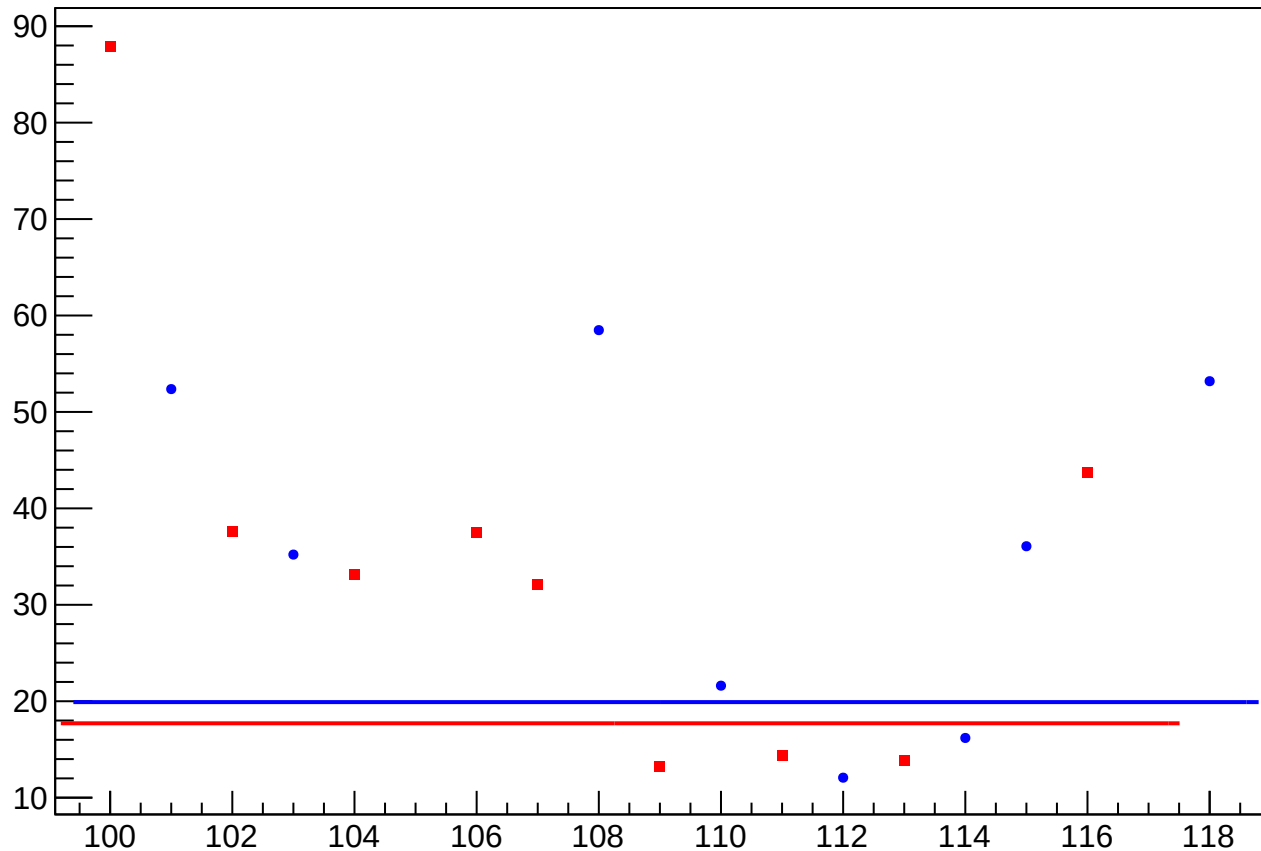
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.009 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 17.711+/-0.008 χ^2/NDF : 1253063.7/8

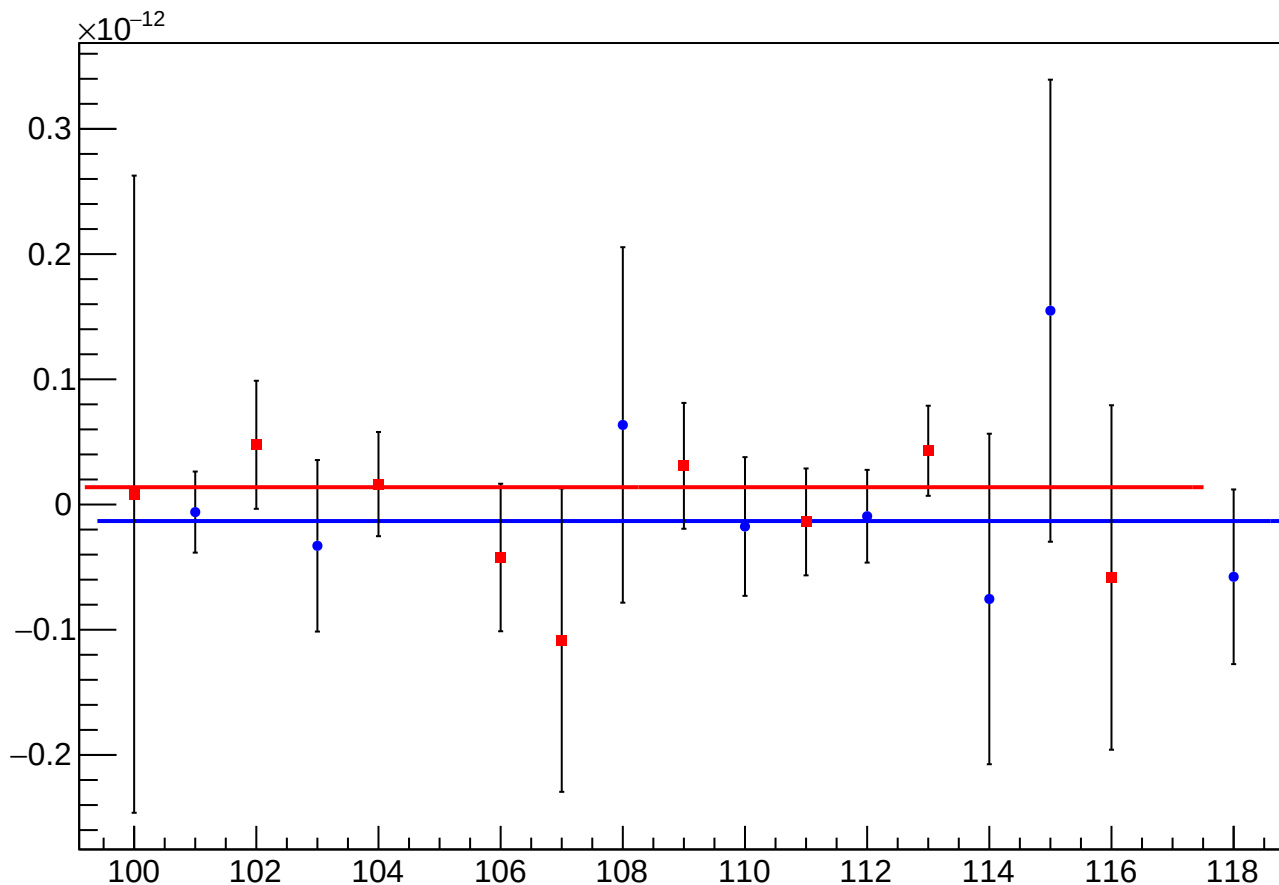
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.594+/-0.006 χ^2/NDF : 3083698.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



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 : 3.8/8

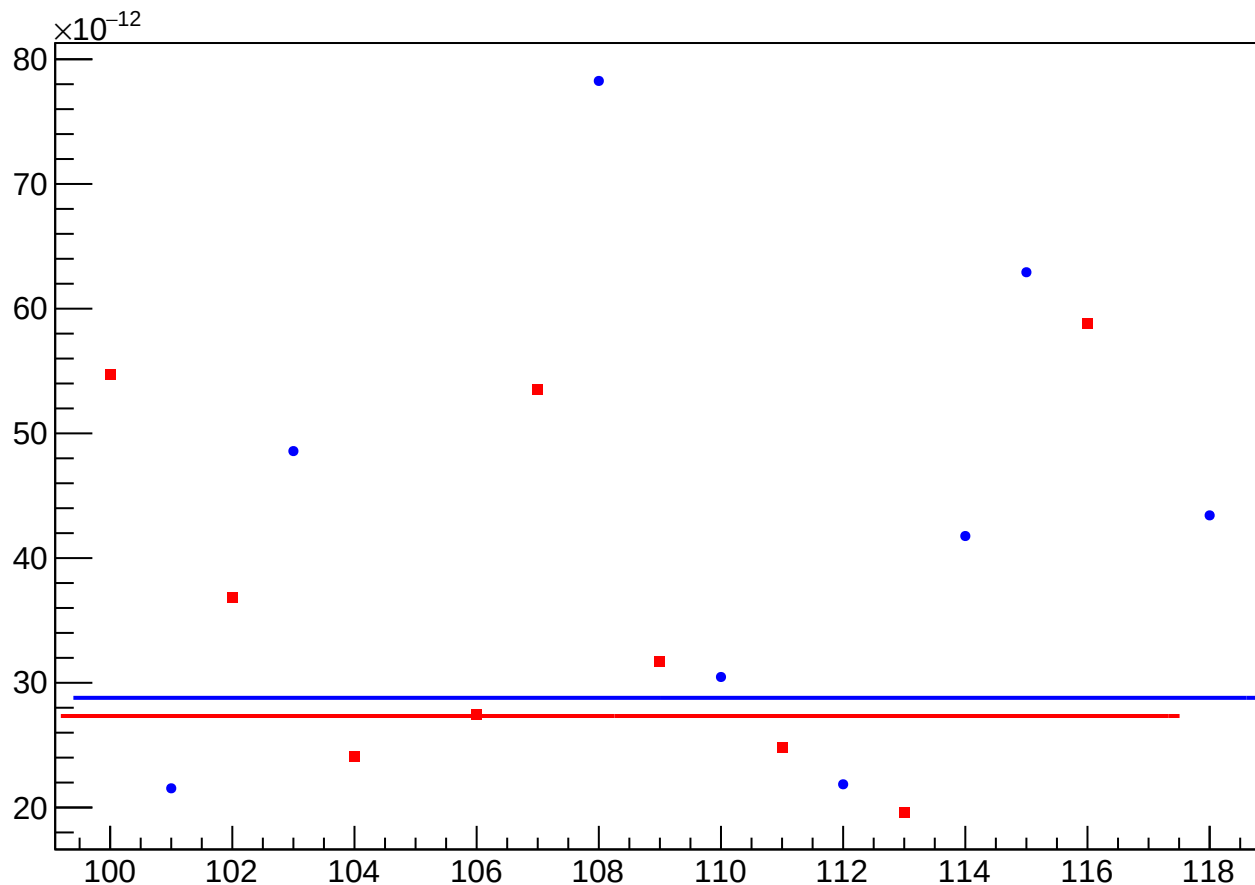
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 417248.5/8

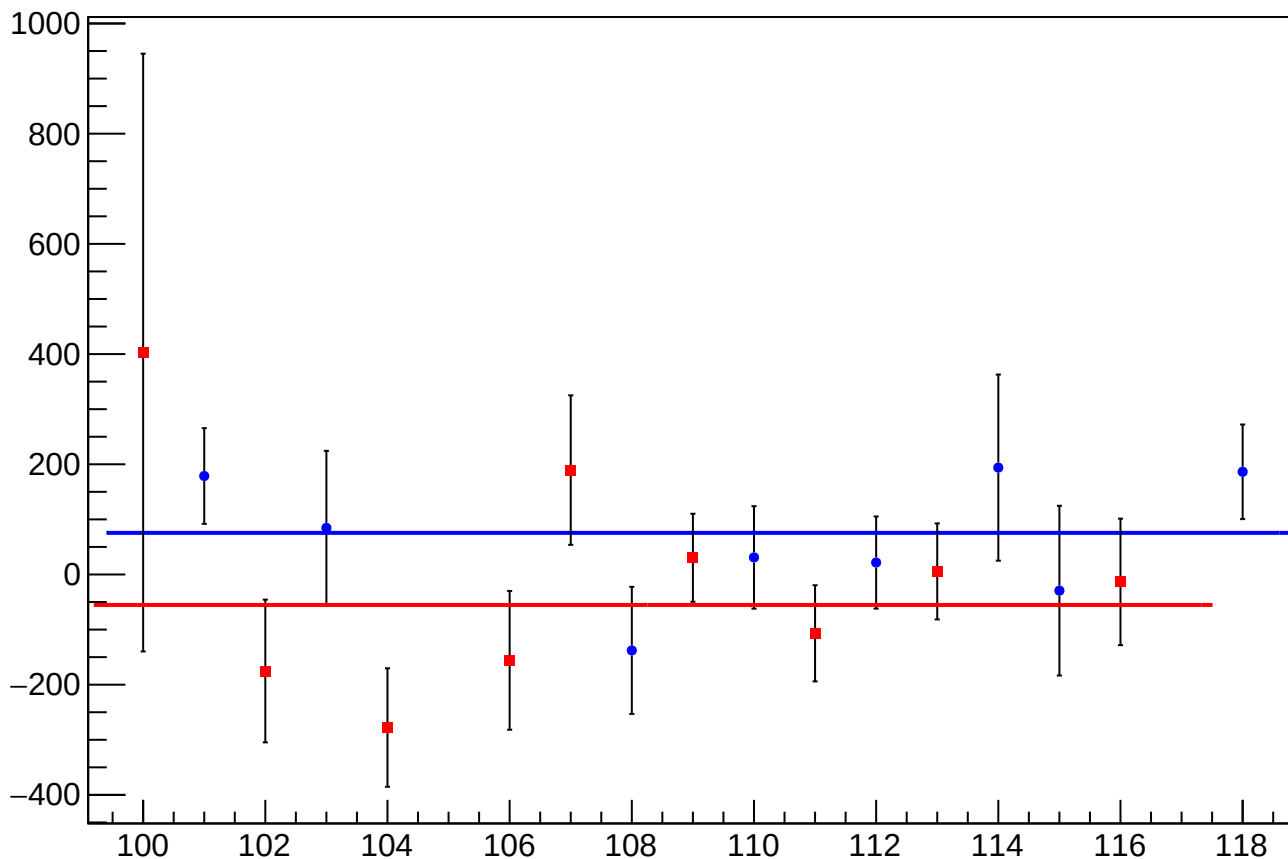
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181028.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



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: -55.316 $\pm$ 36.213 χ^2 /NDF: 11.9/8

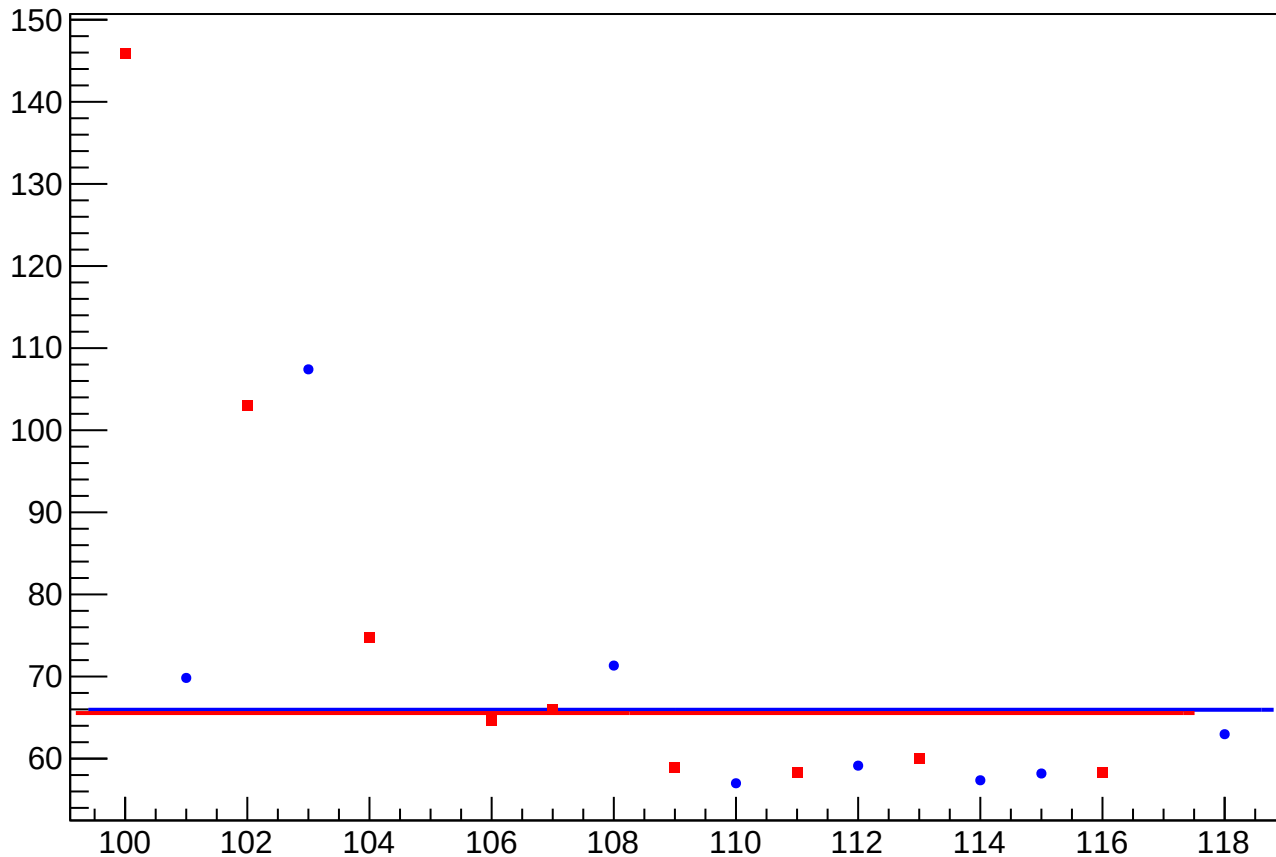
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.718 $\pm$ 25.880 χ^2 /NDF: 26.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



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: 65.551+/-0.026 χ^2/NDF : 269879.8/8

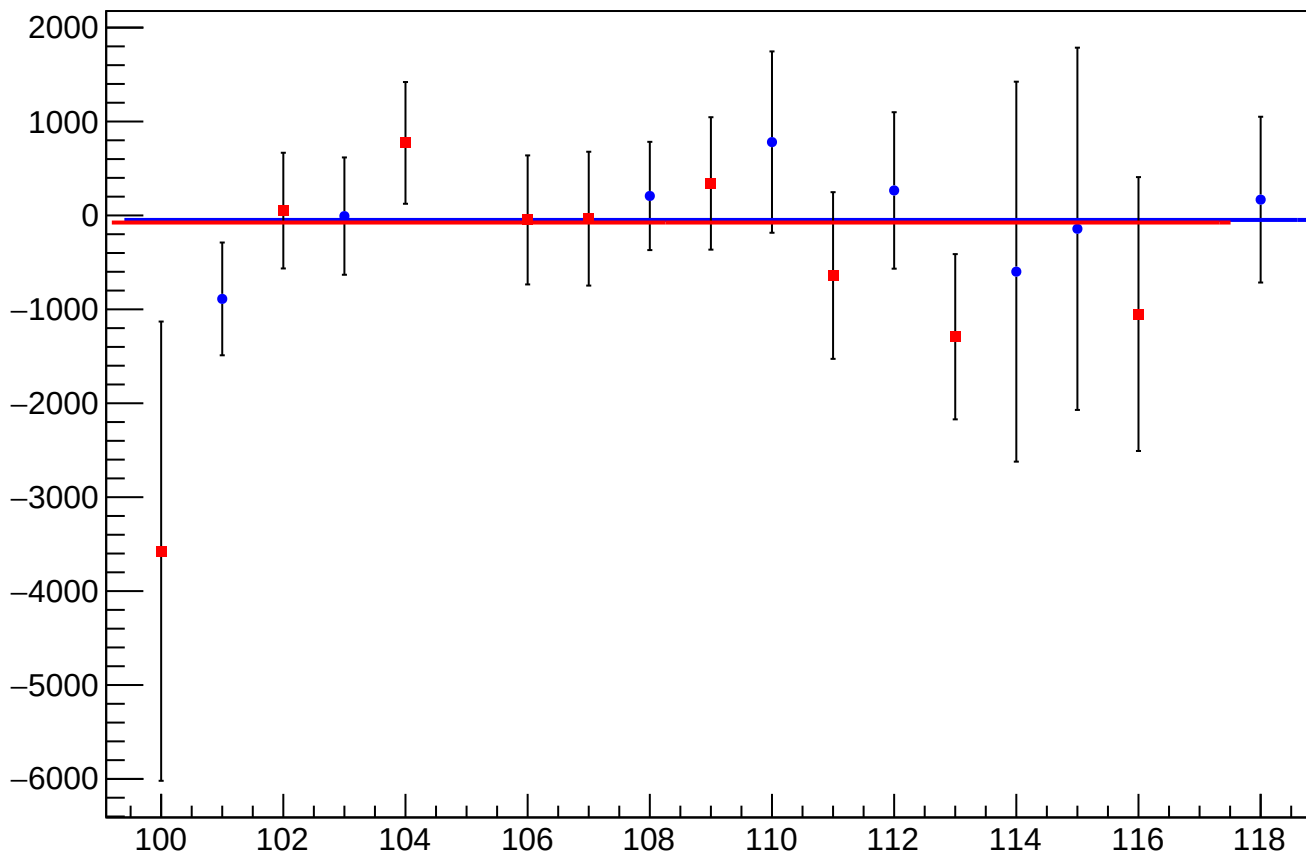
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.747+/-0.018 χ^2/NDF : 498766.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



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: -75.636 $\pm$ 264.307 χ^2 /NDF: 6.9/8

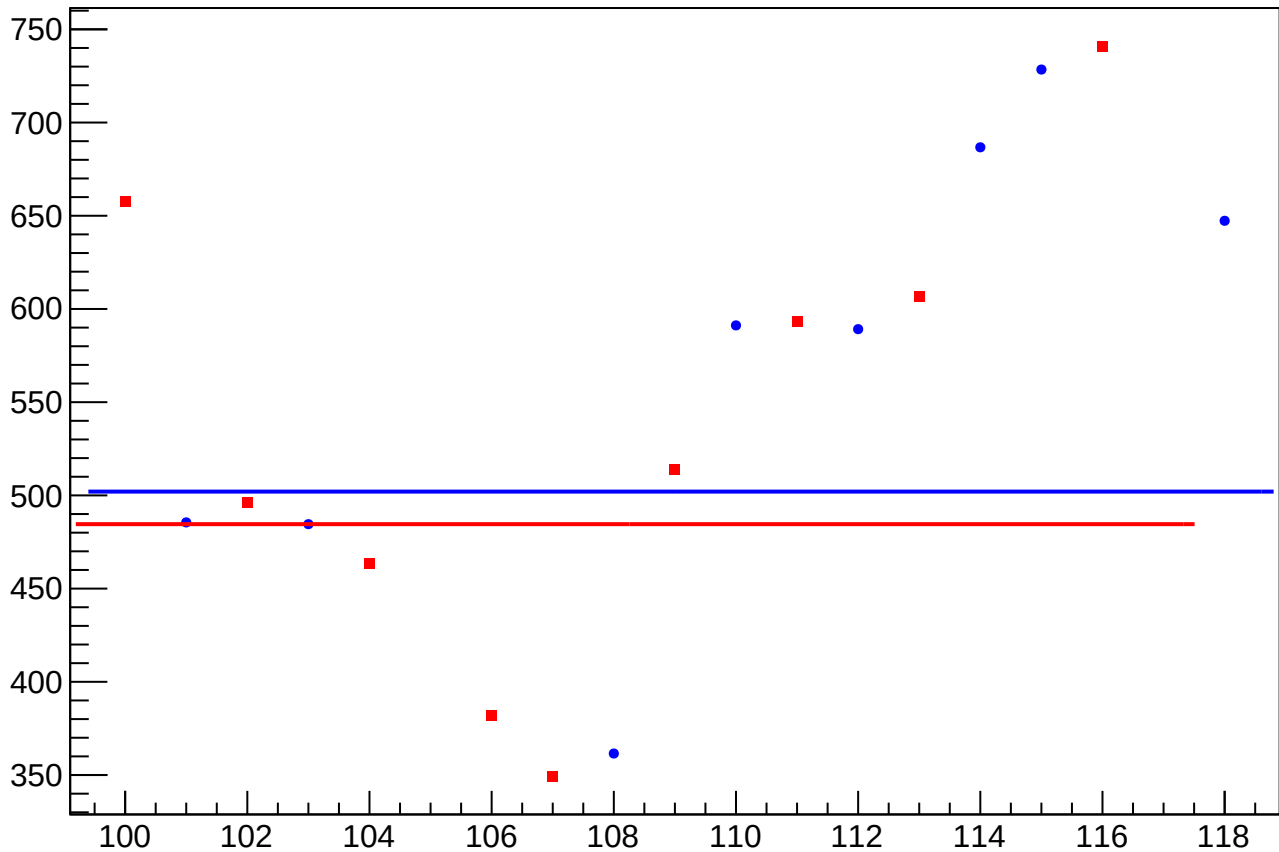
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.642 $\pm$ 192.543 χ^2 /NDF: 10.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 502.034 $\pm$ 0.199 χ^2 /NDF: 259297.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 484.571 $\pm$ 0.187 χ^2 /NDF: 263592.5/8

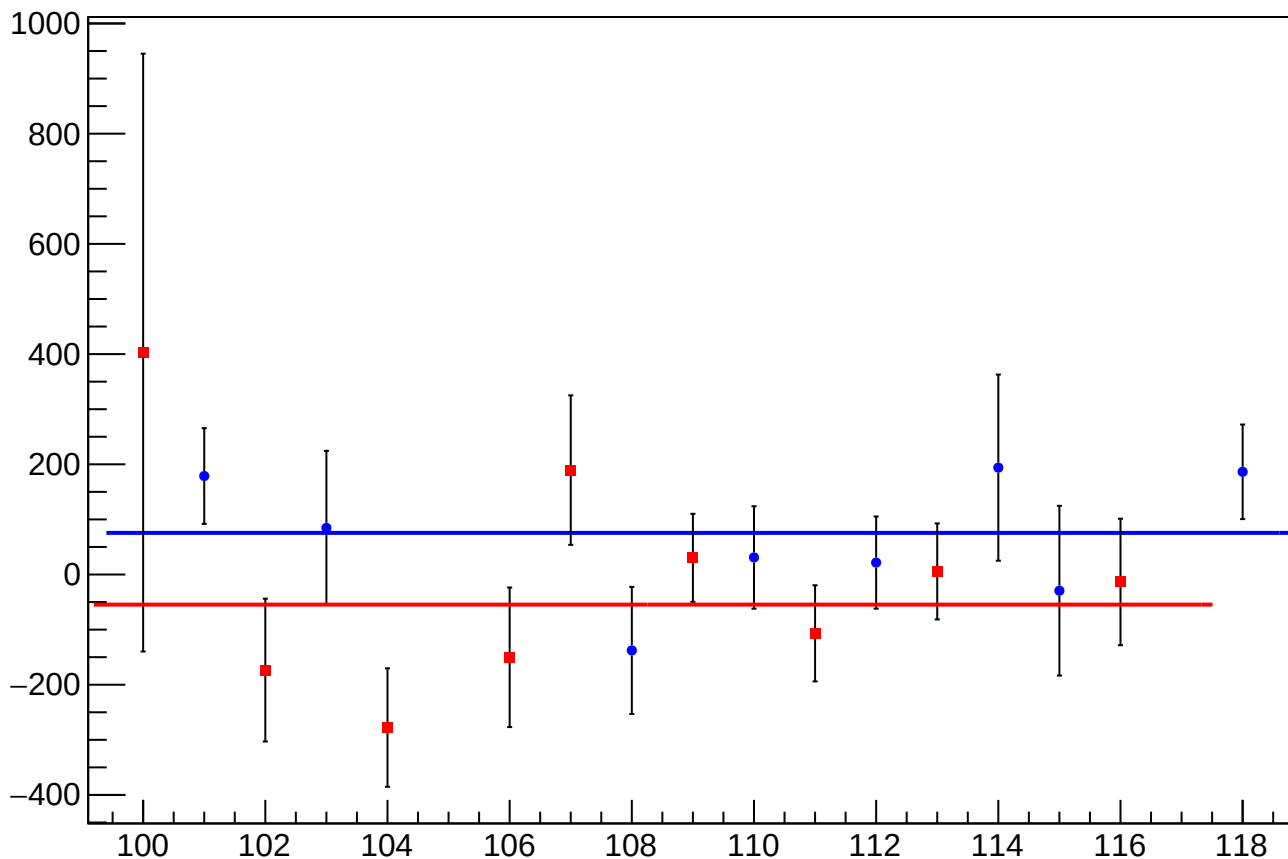
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 492.766 $\pm$ 0.136 χ^2 /NDF: 526986.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



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: -54.617 $\pm$ 36.230 χ^2 /NDF: 11.8/8

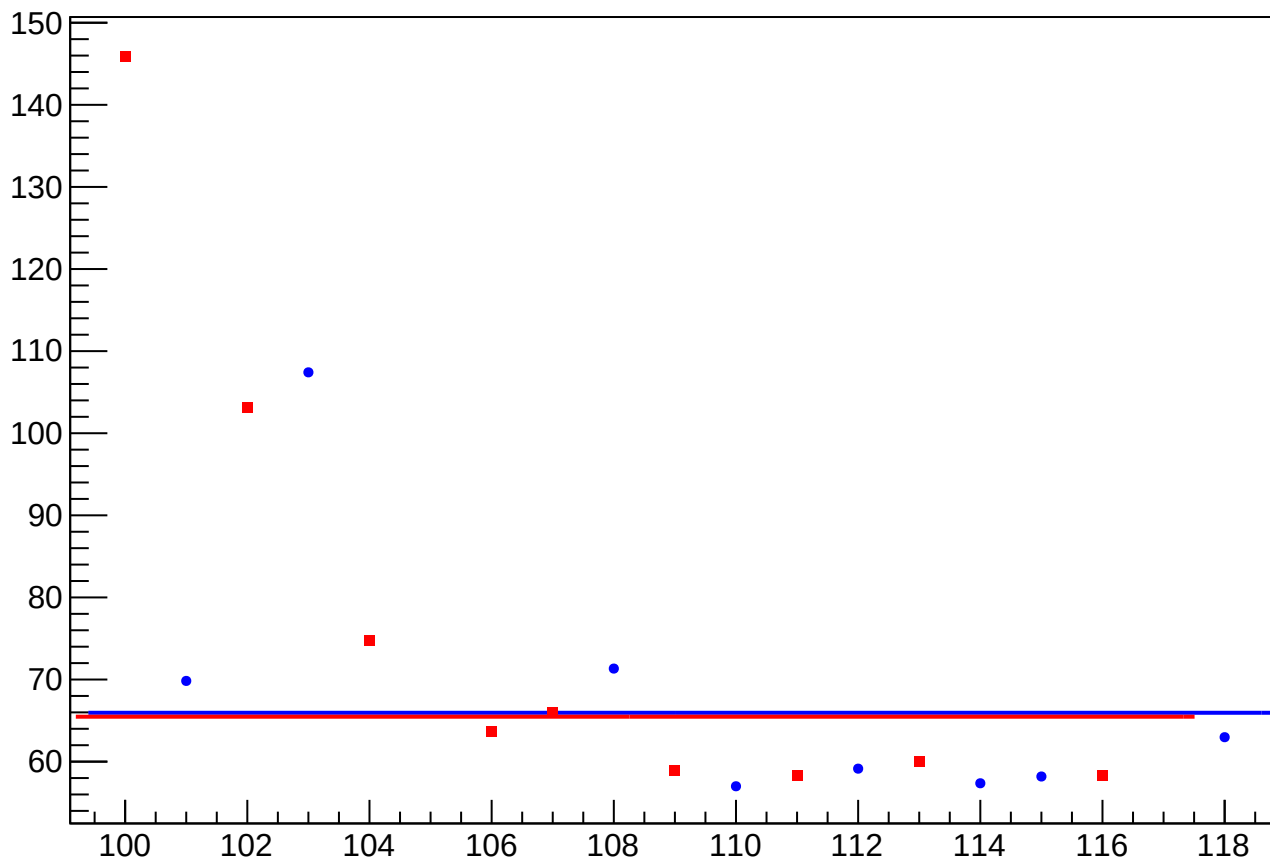
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.108 $\pm$ 25.886 χ^2 /NDF: 26.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



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: 65.472+/-0.026 χ^2/NDF : 270444.8/8

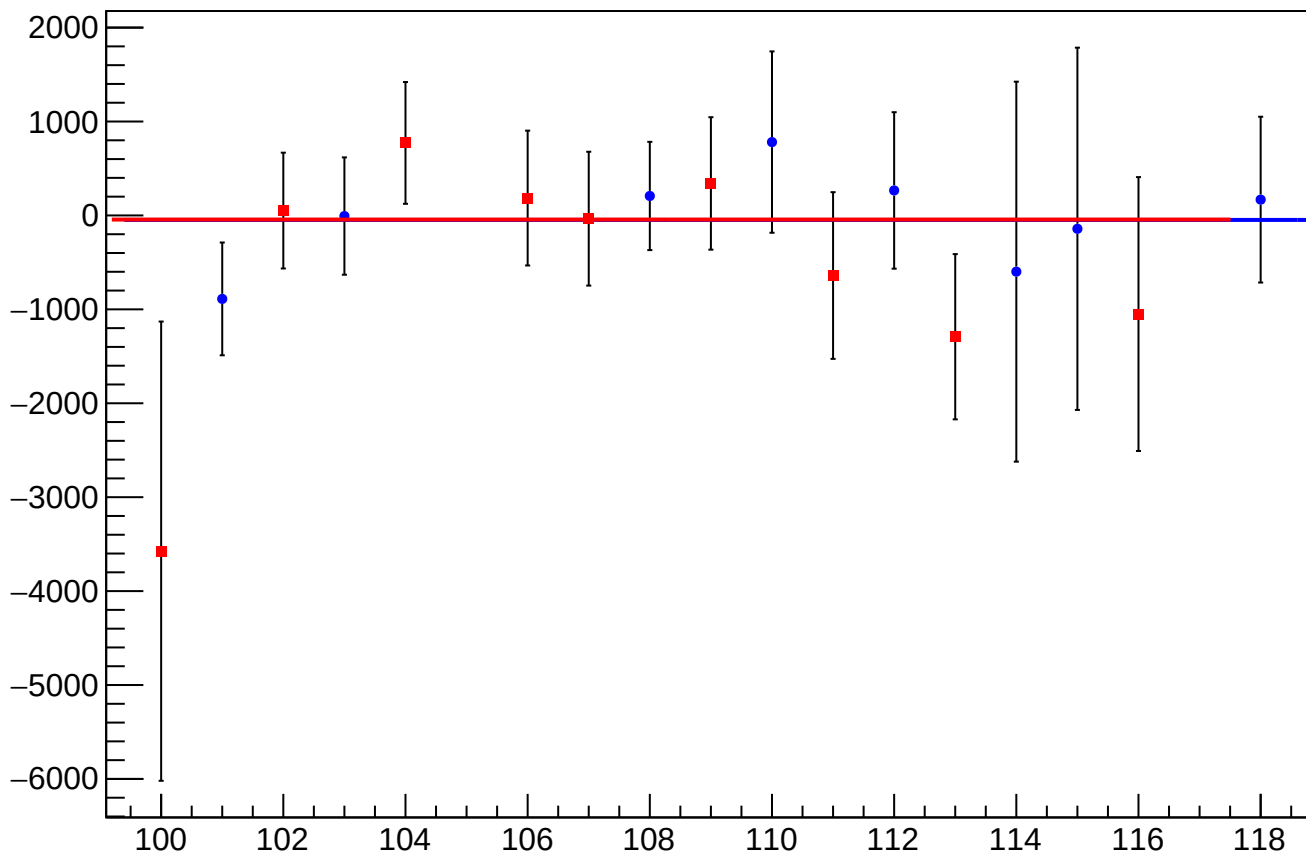
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.707+/-0.018 χ^2/NDF : 499385.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



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: -44.069 ± 266.015 χ^2/NDF : 7.0/8

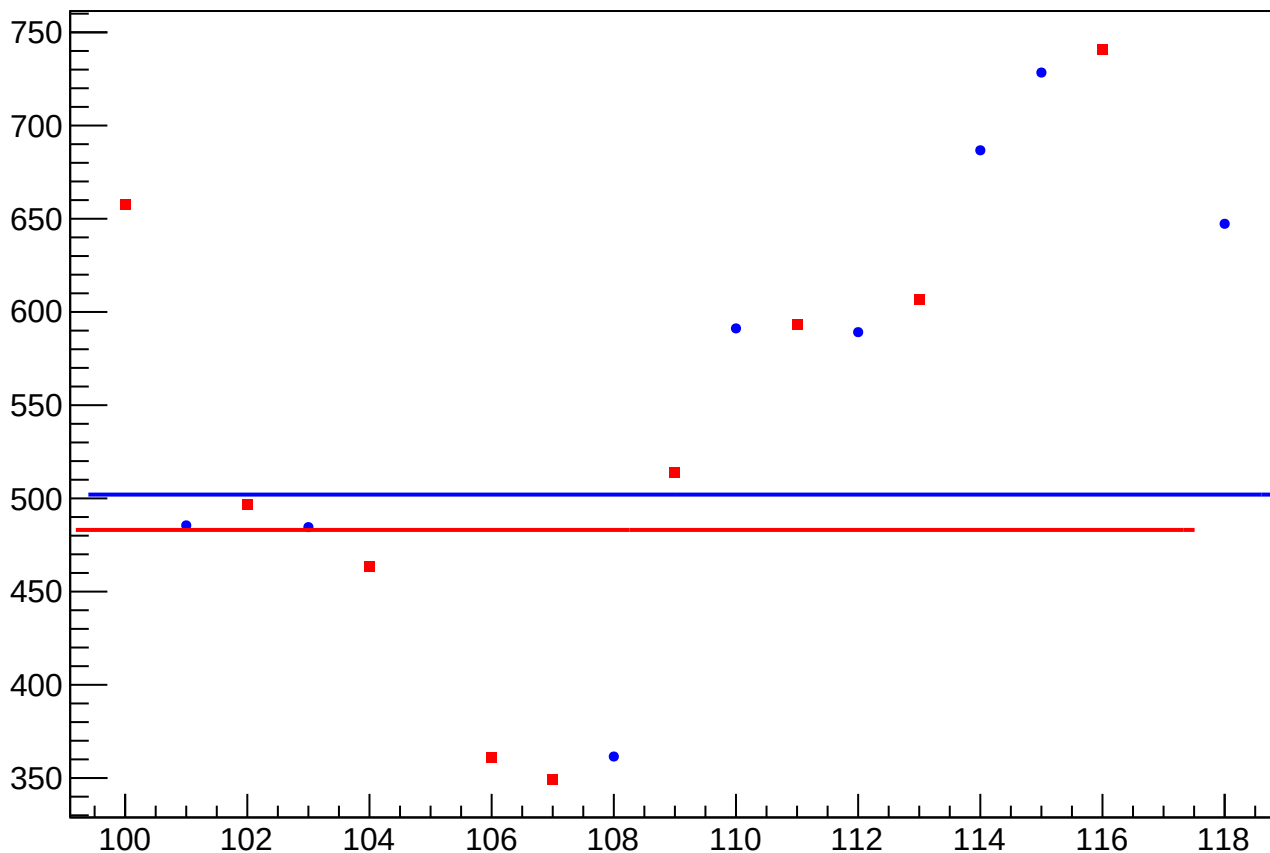
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.855 ± 193.202 χ^2/NDF : 10.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 502.040 $\pm$ 0.199 χ^2 /NDF: 259291.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 483.079 $\pm$ 0.188 χ^2 /NDF: 278220.2/8

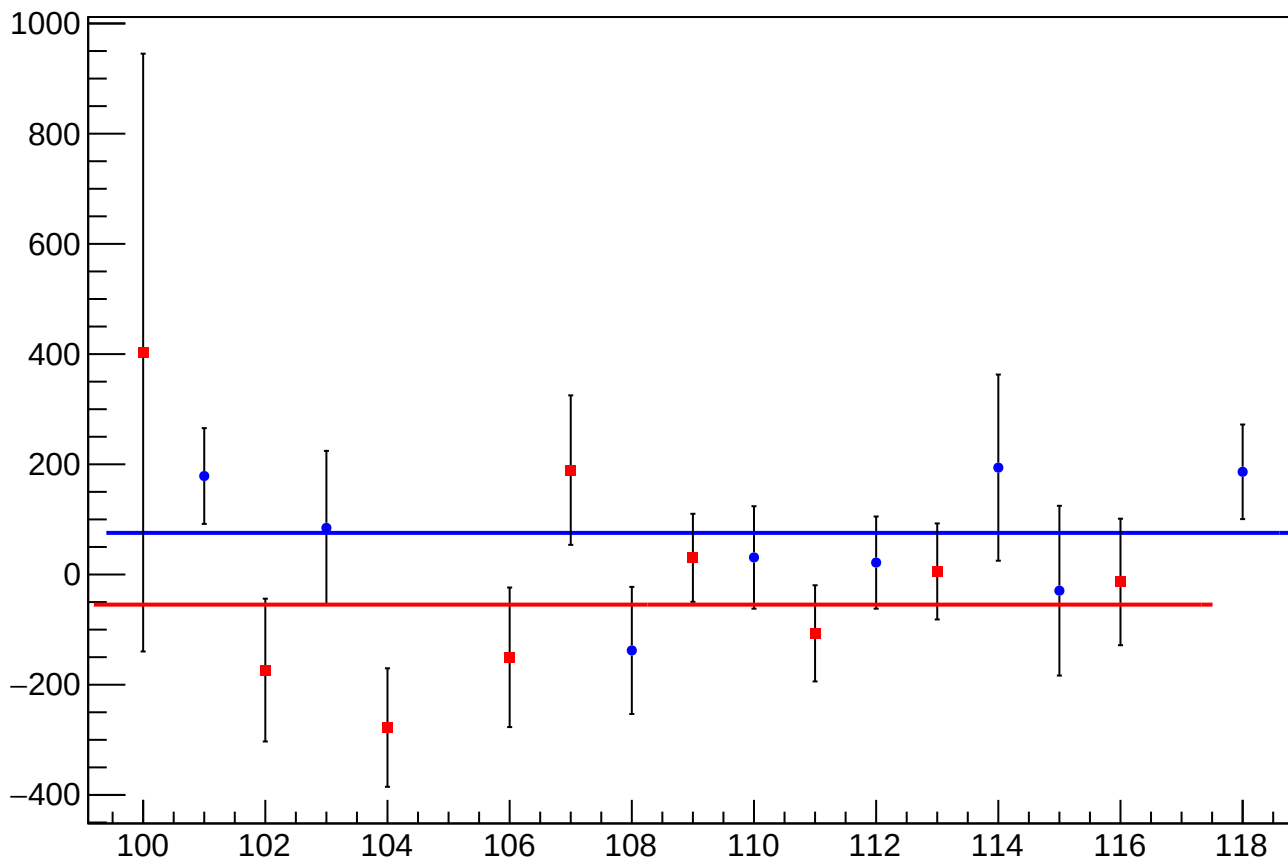
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 492.039 $\pm$ 0.137 χ^2 /NDF: 542312.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



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: -54.617 $\pm$ 36.230 χ^2 /NDF: 11.8/8

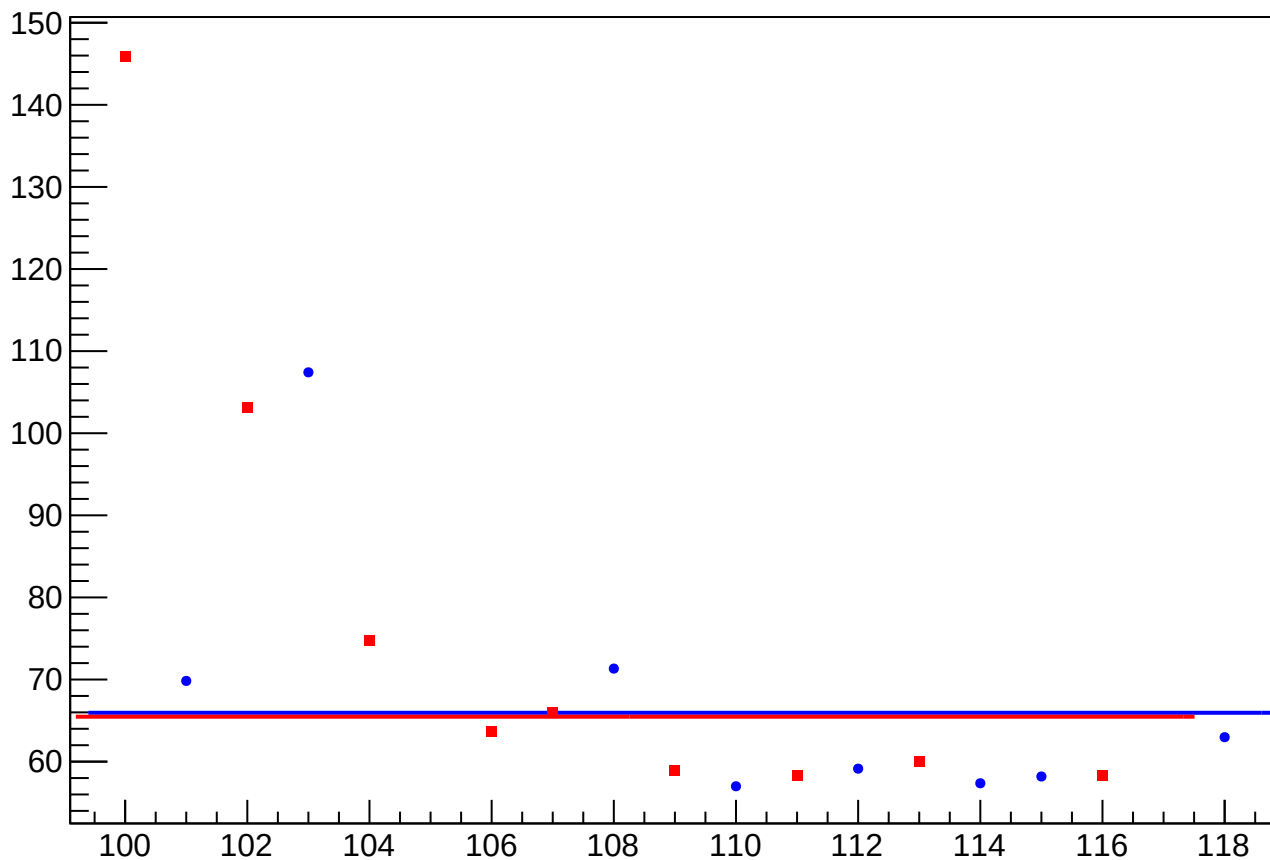
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.108 $\pm$ 25.886 χ^2 /NDF: 26.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



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: 65.472+/-0.026 χ^2/NDF : 270444.8/8

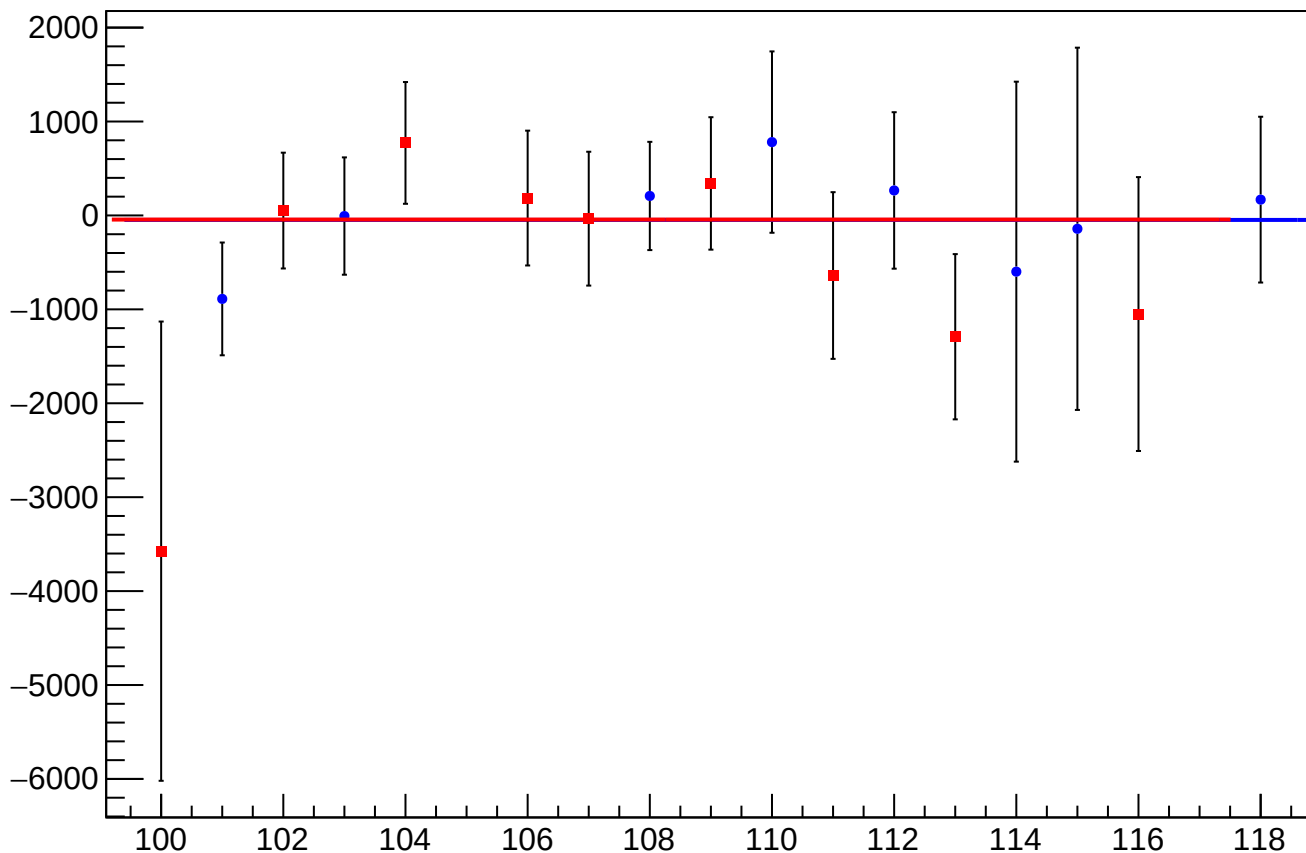
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.707+/-0.018 χ^2/NDF : 499385.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -47.849 $\pm$ 281.063 χ^2 /NDF: 3.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.069 $\pm$ 266.015 χ^2 /NDF: 7.0/8

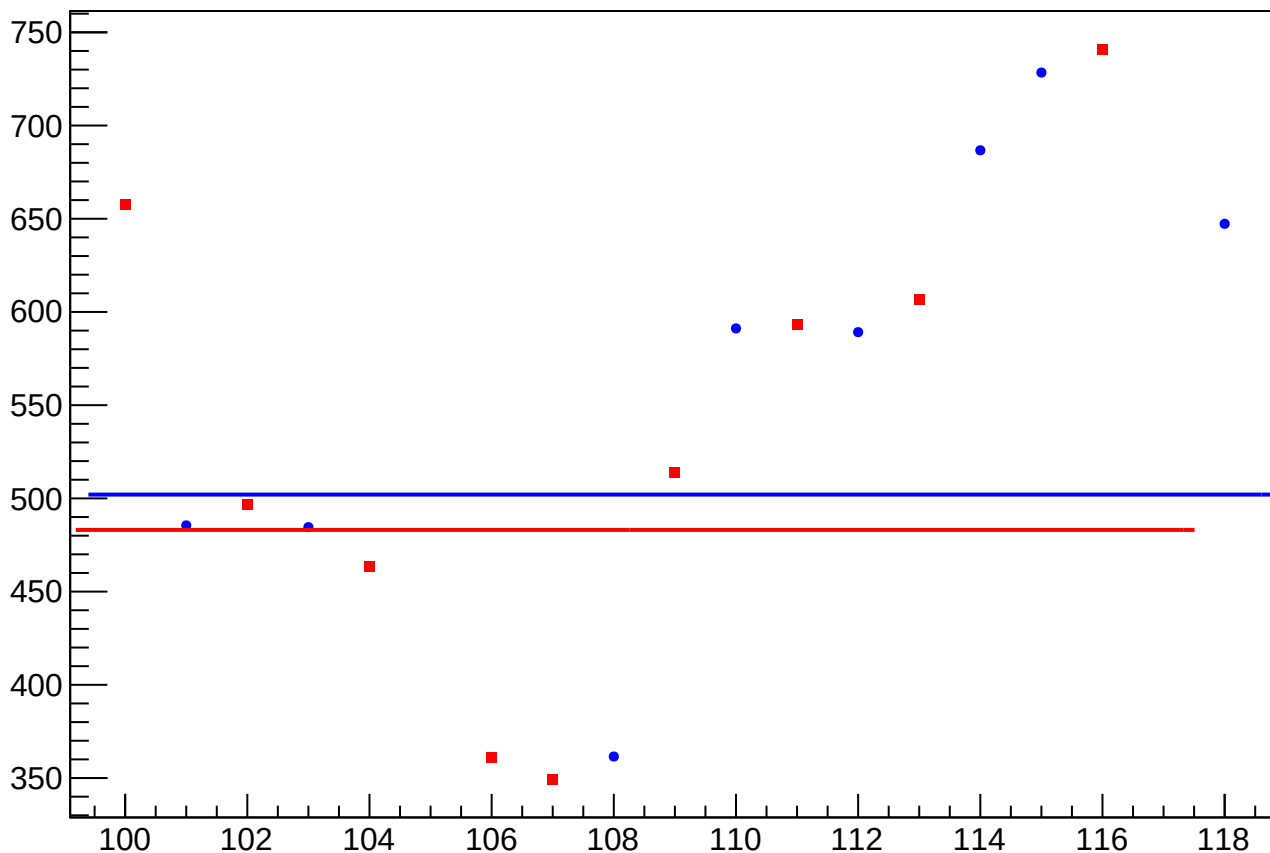
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.855 $\pm$ 193.202 χ^2 /NDF: 10.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 502.040 $\pm$ 0.199 χ^2 /NDF: 259291.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 483.079 $\pm$ 0.188 χ^2 /NDF: 278220.2/8

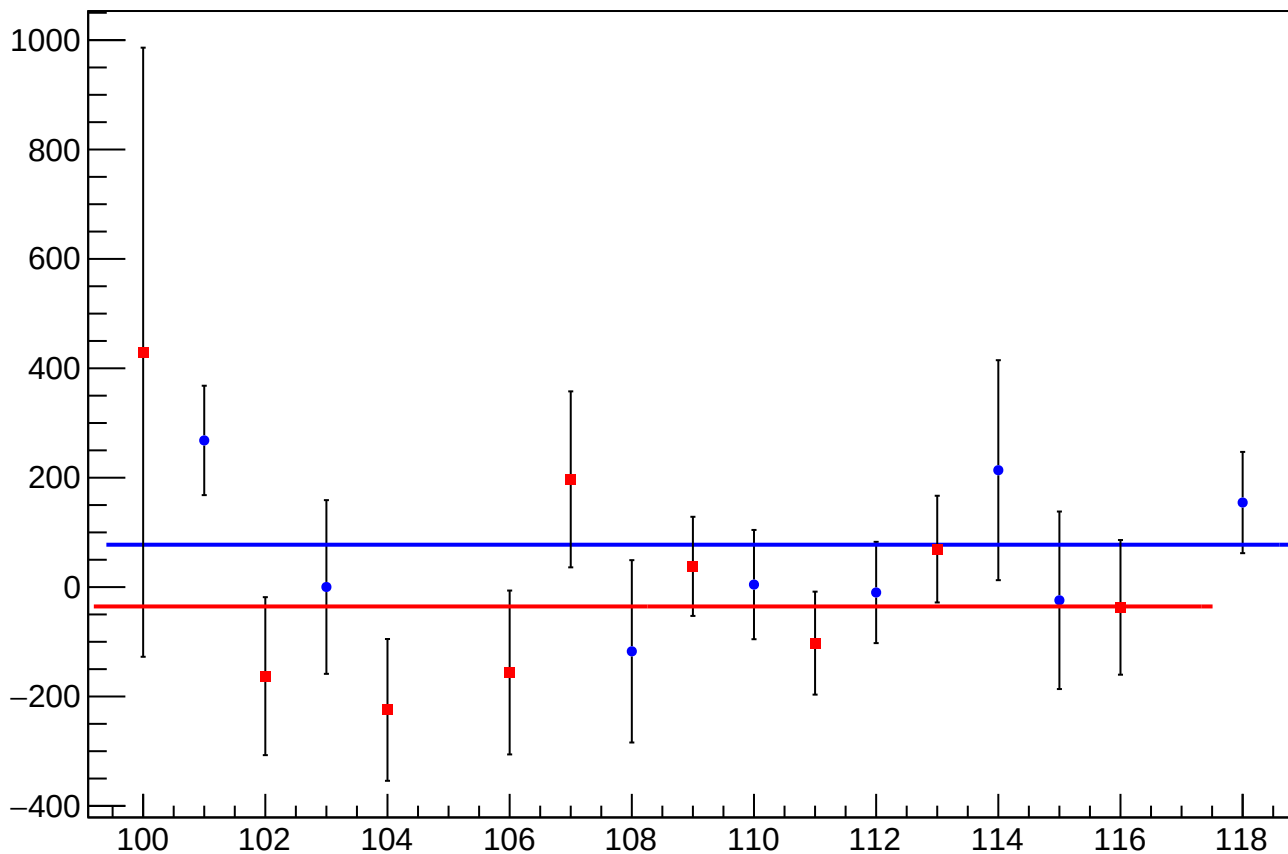
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 492.039 $\pm$ 0.137 χ^2 /NDF: 542312.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



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: -35.377 $\pm$ 40.836 χ^2 /NDF: 8.7/8

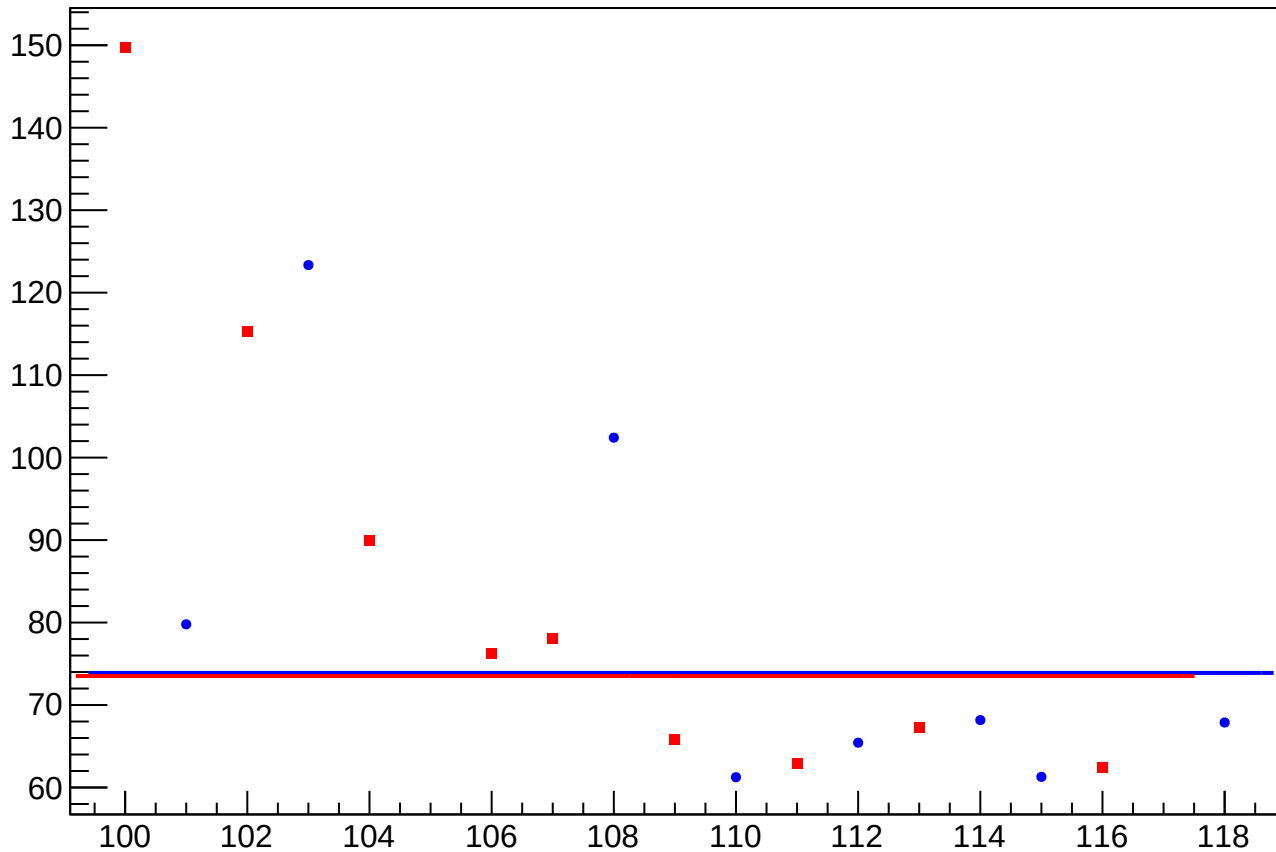
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.726 $\pm$ 29.214 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 73.893 $\pm$ 0.030 χ^2 /NDF: 330388.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.516 $\pm$ 0.029 χ^2 /NDF: 303273.3/8

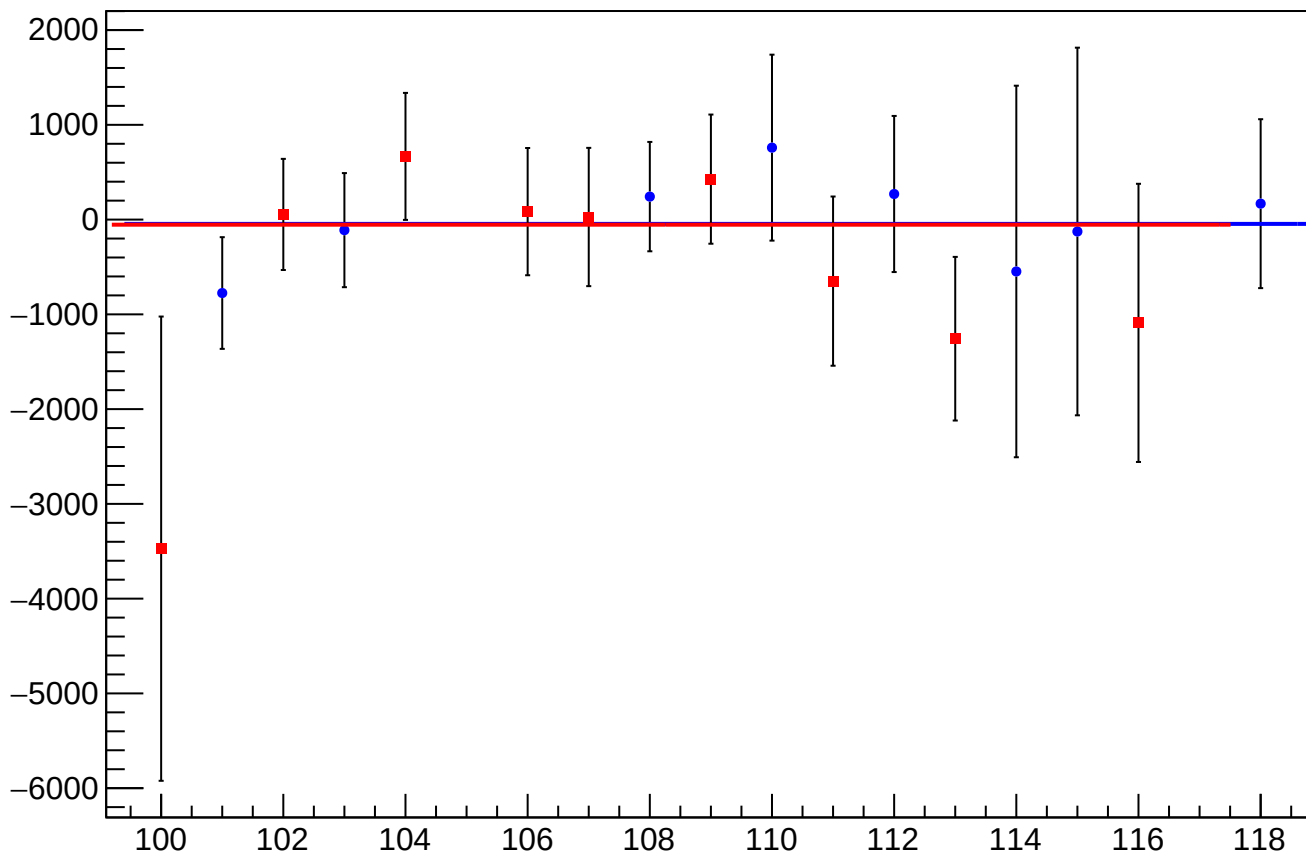
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.700 $\pm$ 0.021 χ^2 /NDF: 633744.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -45.405+/-277.997 χ^2/NDF : 2.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.699+/-261.598 χ^2/NDF : 6.6/8

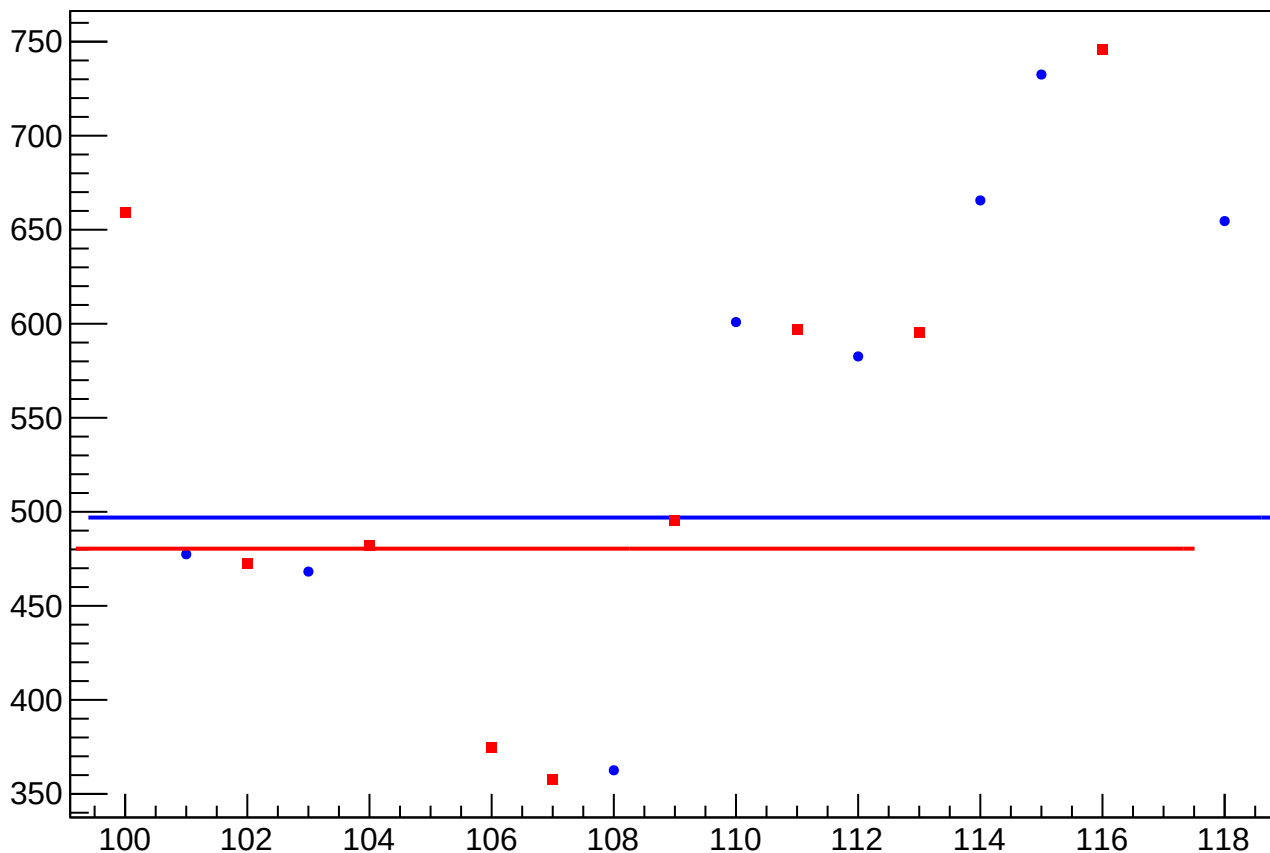
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.804+/-190.511 χ^2/NDF : 9.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 496.955 $\pm$ 0.197 χ^2 /NDF: 266193.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.416 $\pm$ 0.185 χ^2 /NDF: 253387.8/8

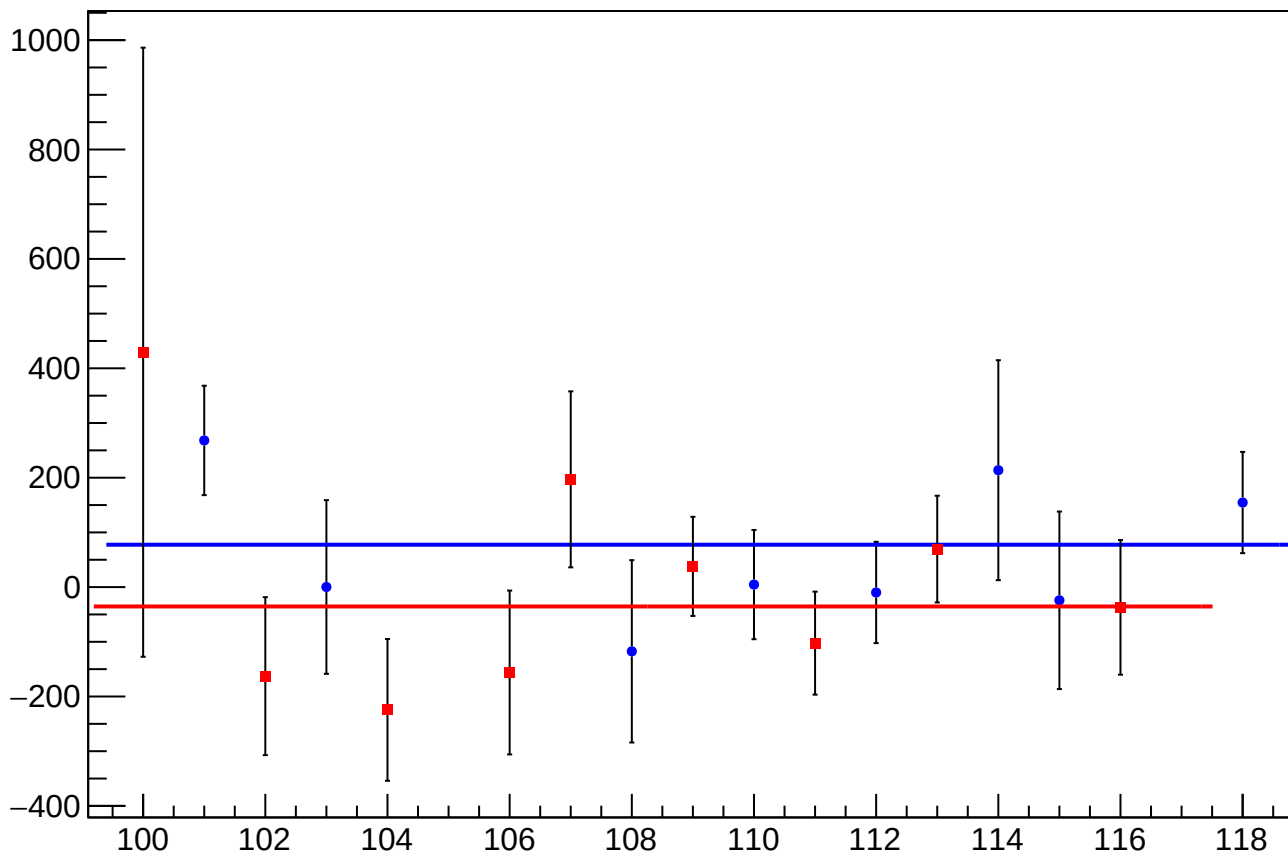
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 488.184 $\pm$ 0.135 χ^2 /NDF: 523335.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 77.493 $\pm$ 41.811 χ^2 /NDF: 8.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.376 $\pm$ 40.836 χ^2 /NDF: 8.7/8

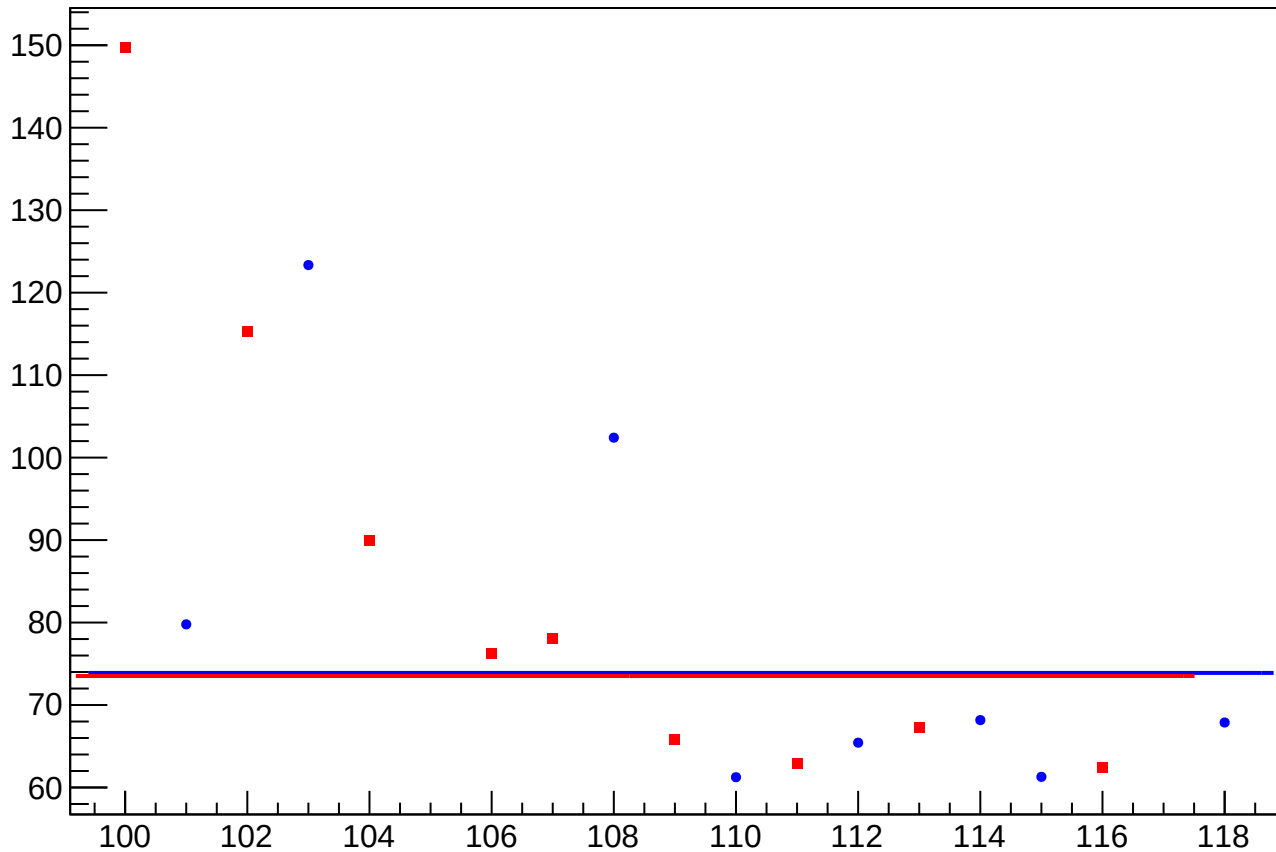
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.727 $\pm$ 29.214 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 73.893 $\pm$ 0.030 χ^2 /NDF: 330394.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.516 $\pm$ 0.029 χ^2 /NDF: 303274.2/8

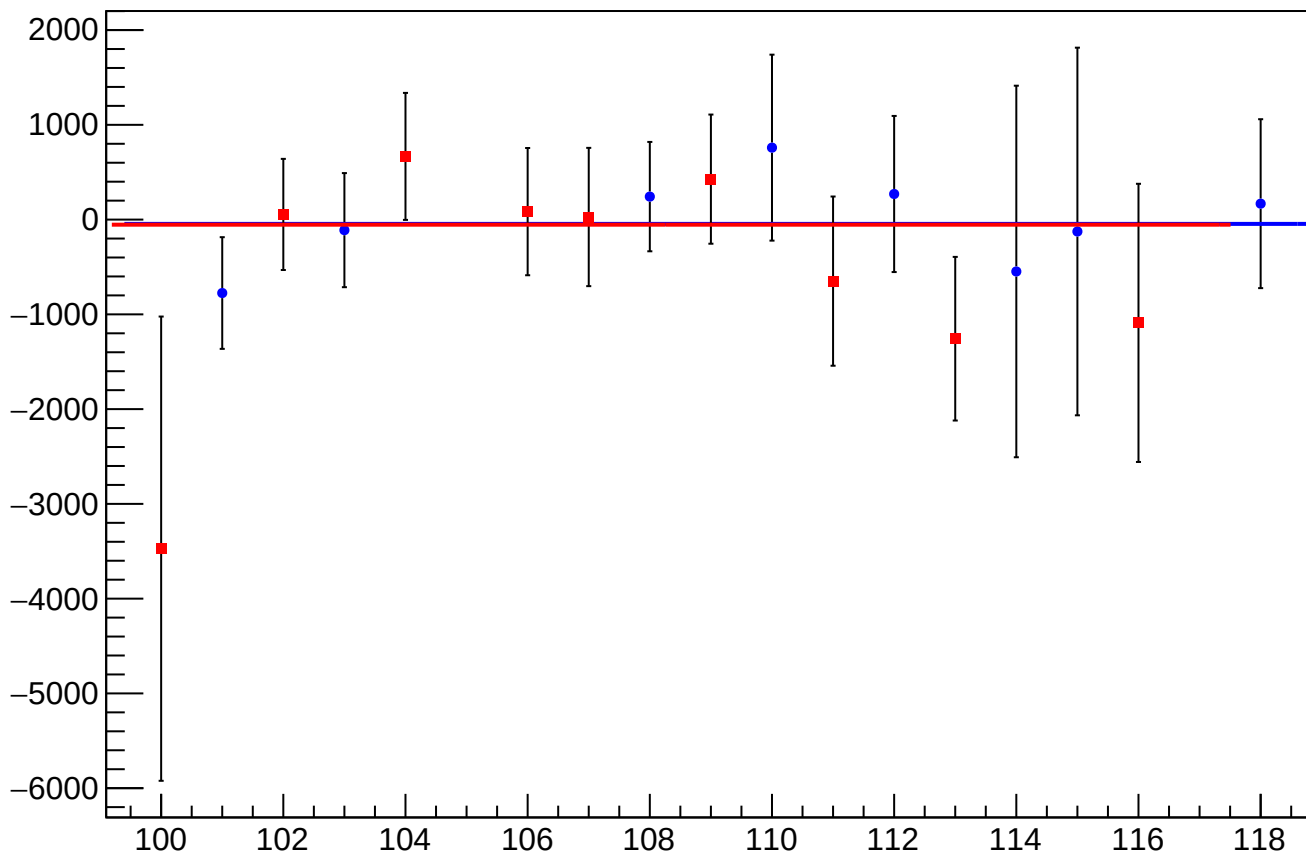
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.700 $\pm$ 0.021 χ^2 /NDF: 633752.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



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: -53.698 $\pm$ 261.597 χ^2 /NDF: 6.6/8

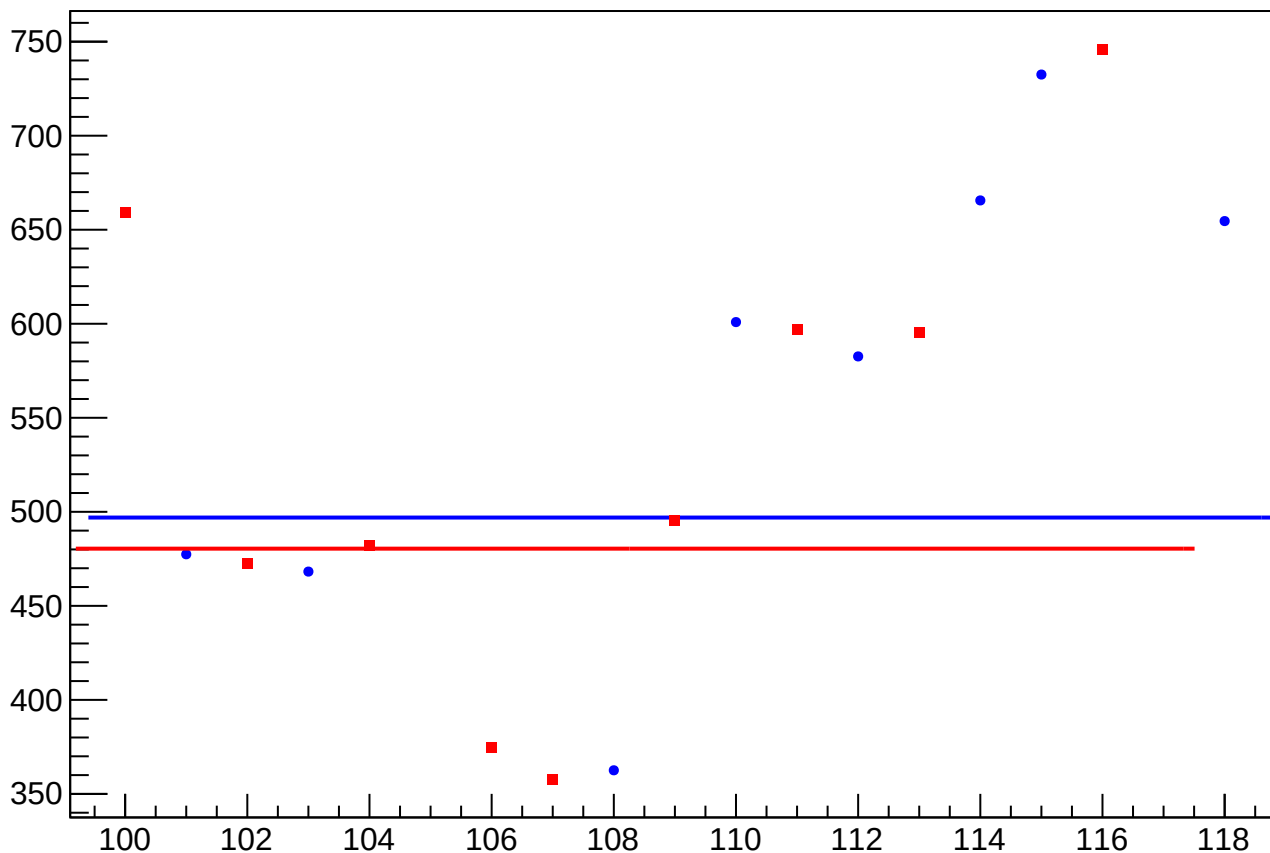
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -49.803 $\pm$ 190.511 χ^2 /NDF: 9.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 496.954 $\pm$ 0.197 χ^2 /NDF: 266196.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.416 $\pm$ 0.185 χ^2 /NDF: 253387.8/8

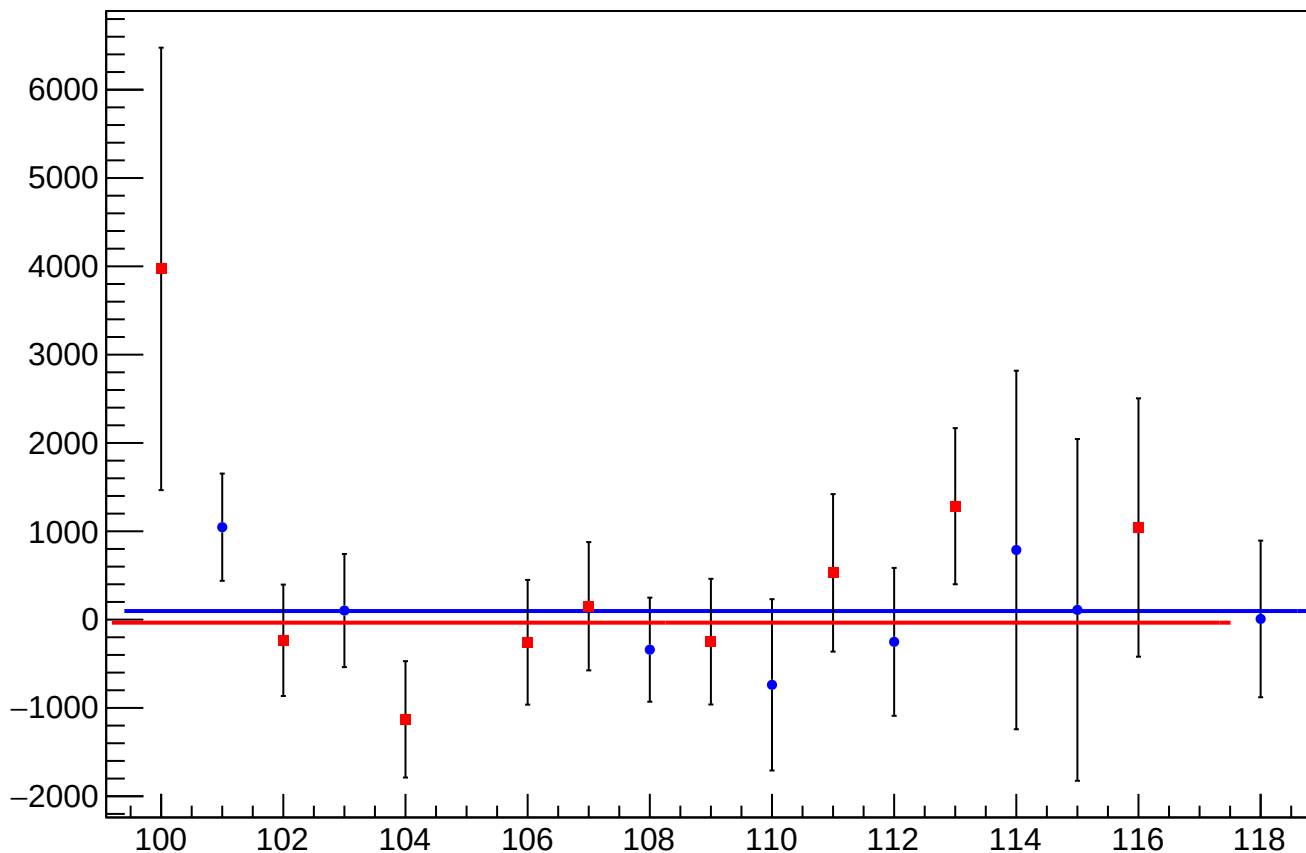
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 488.183 $\pm$ 0.135 χ^2 /NDF: 523338.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



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: -34.753+/-268.643 χ^2 /NDF: 8.8/8

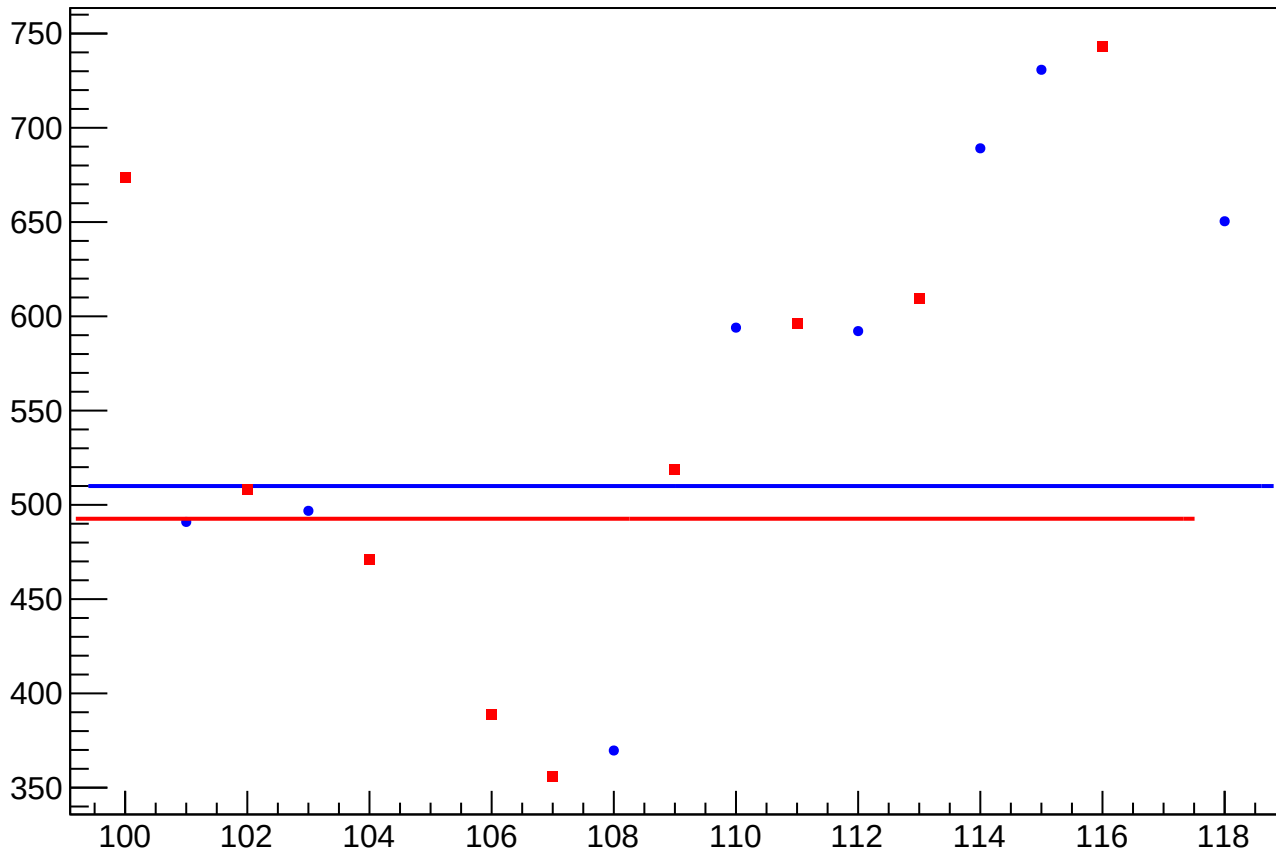
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 27.193+/-195.532 χ^2 /NDF: 13.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 509.981 $\pm$ 0.202 χ^2 /NDF: 242174.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 492.632 $\pm$ 0.190 χ^2 /NDF: 251294.4/8

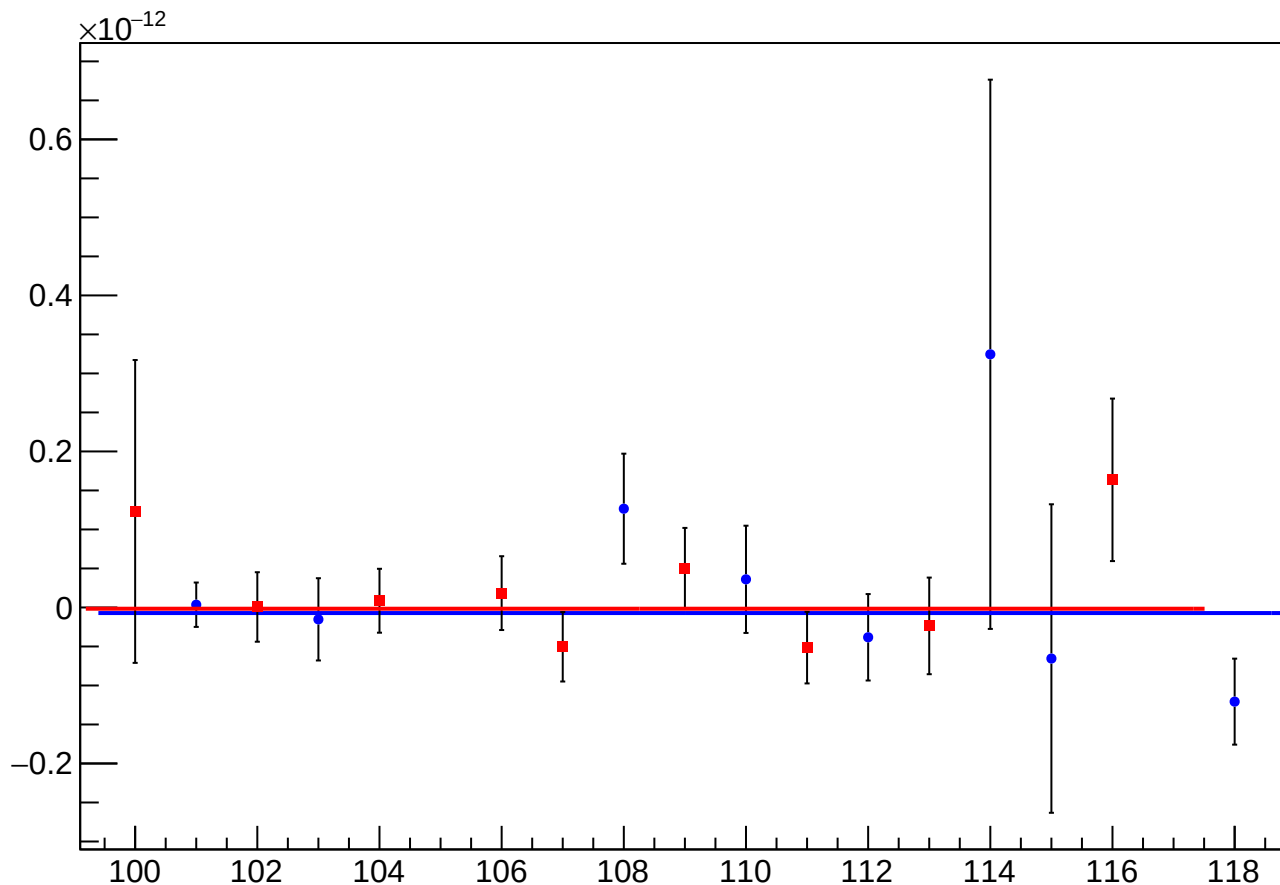
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 500.790 $\pm$ 0.138 χ^2 /NDF: 497391.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug



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: 6.7/8

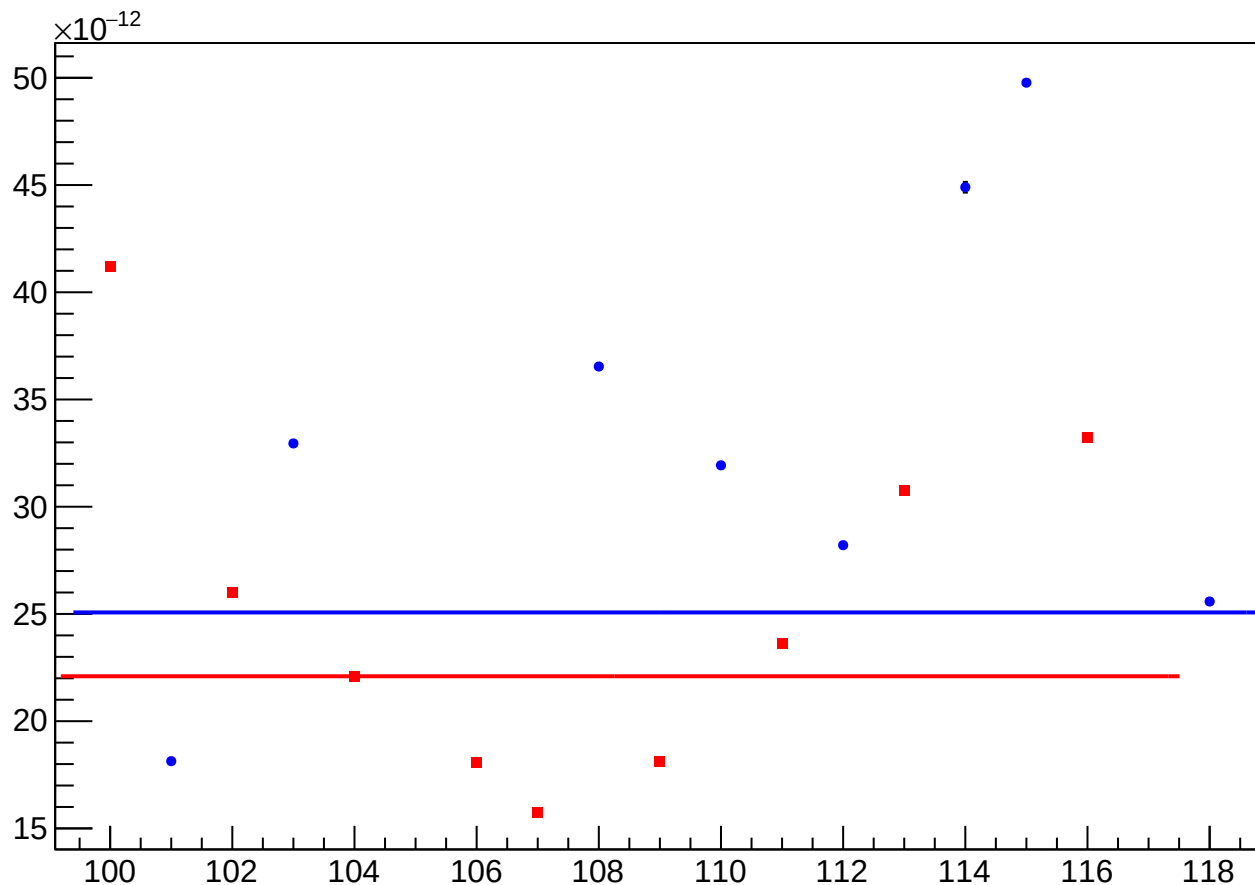
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug



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 : 166070.3/8

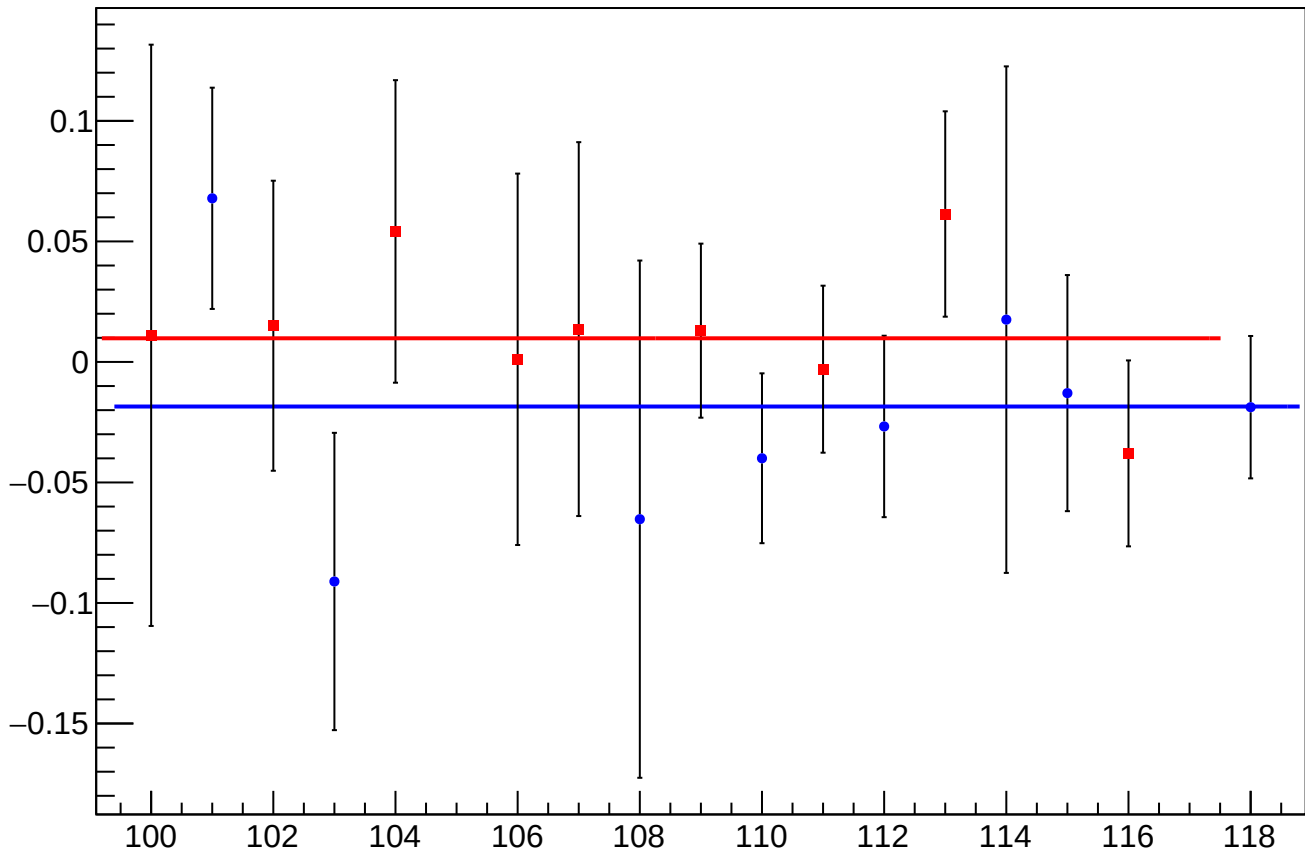
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 472751.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.016 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.016 χ^2 /NDF: 3.7/8

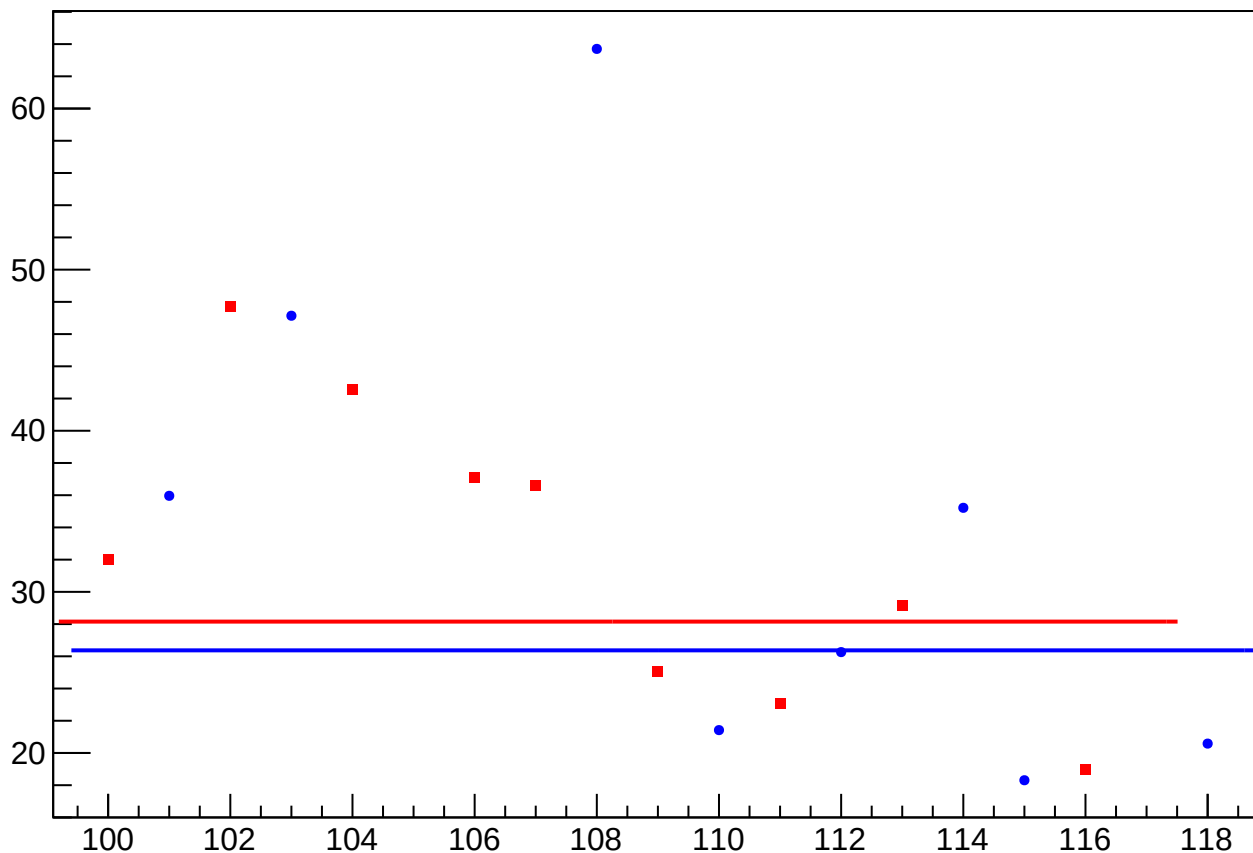
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.011 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.370 $\pm$ 0.011 χ^2 /NDF: 741006.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542870.9/8

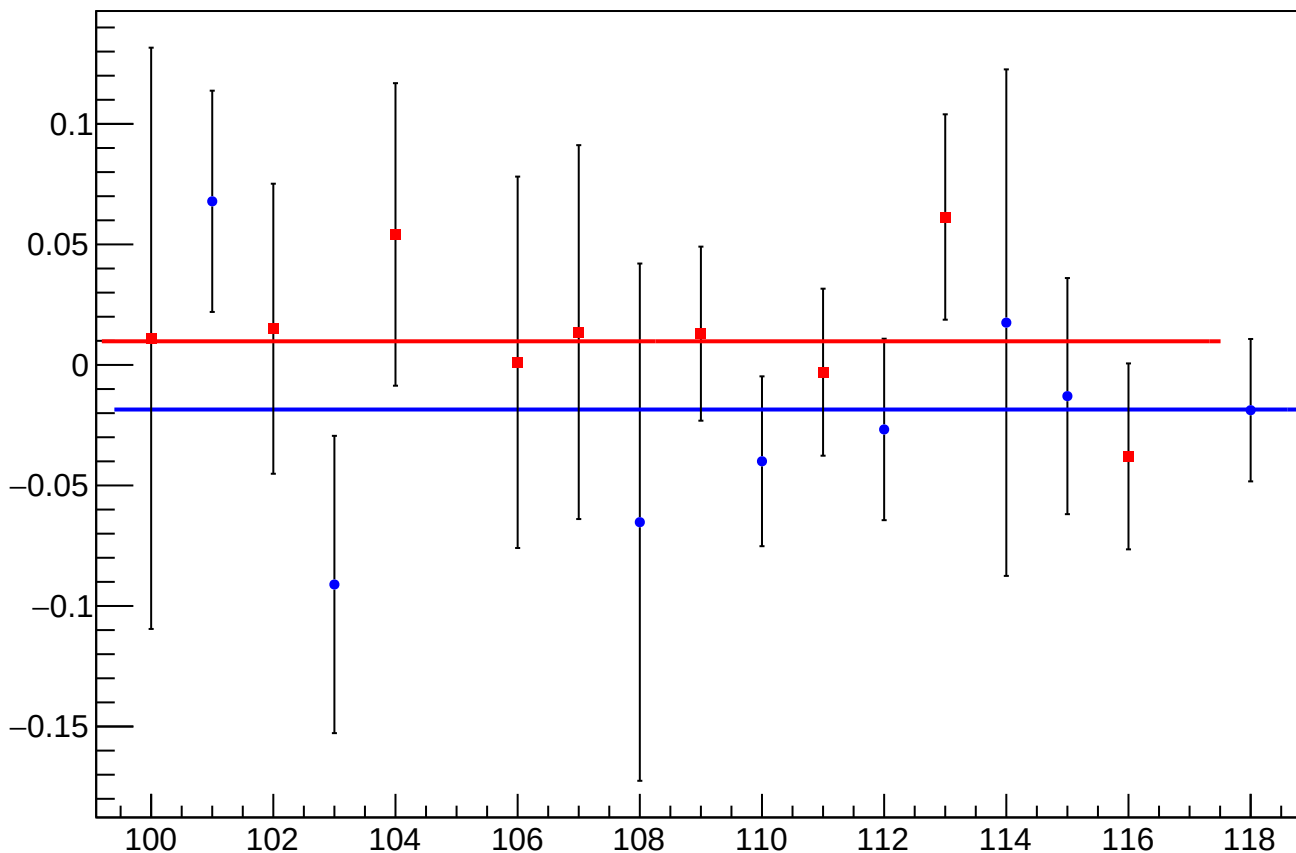
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.235 $\pm$ 0.008 χ^2 /NDF: 1296204.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.010 ± 0.016 χ^2/NDF : 3.7/8

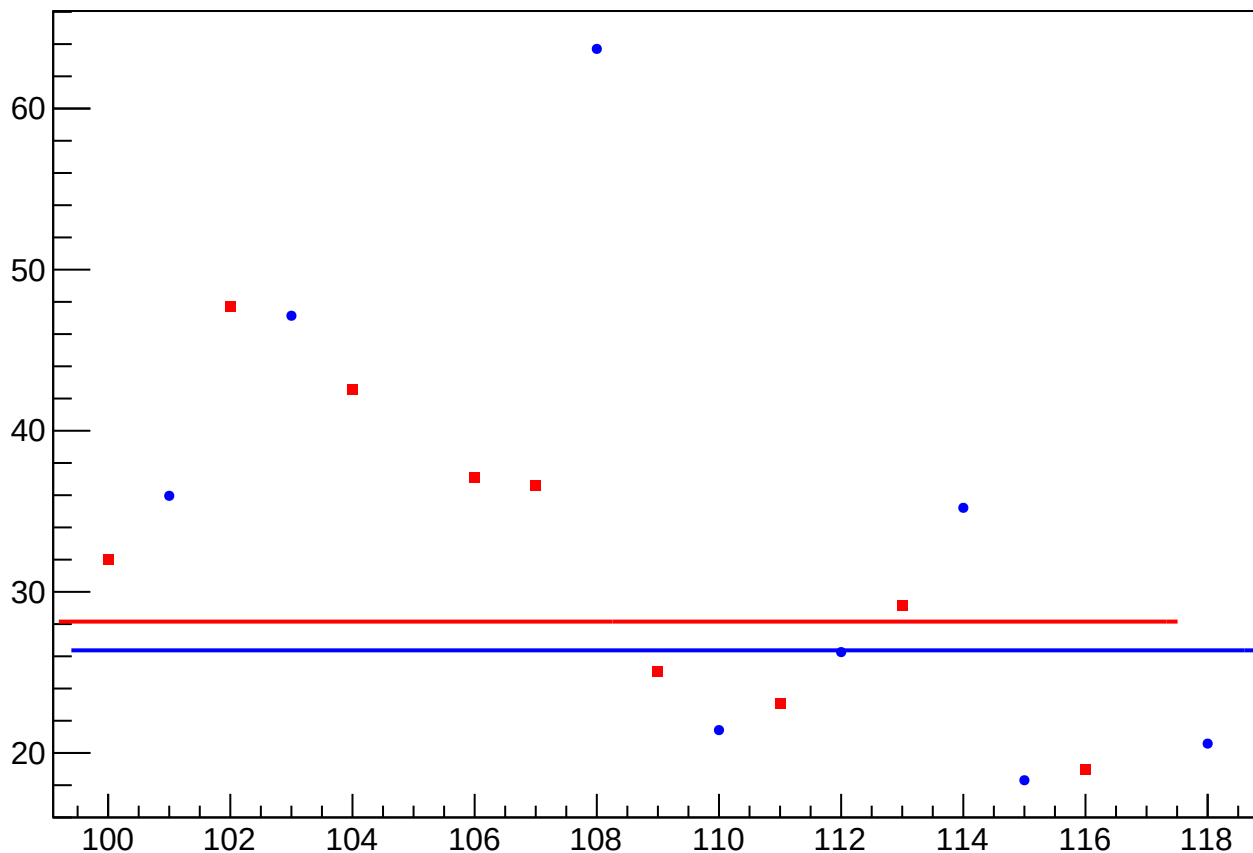
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.005 ± 0.011 χ^2/NDF : 10.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.370 $\pm$ 0.011 χ^2 /NDF: 741006.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542870.9/8

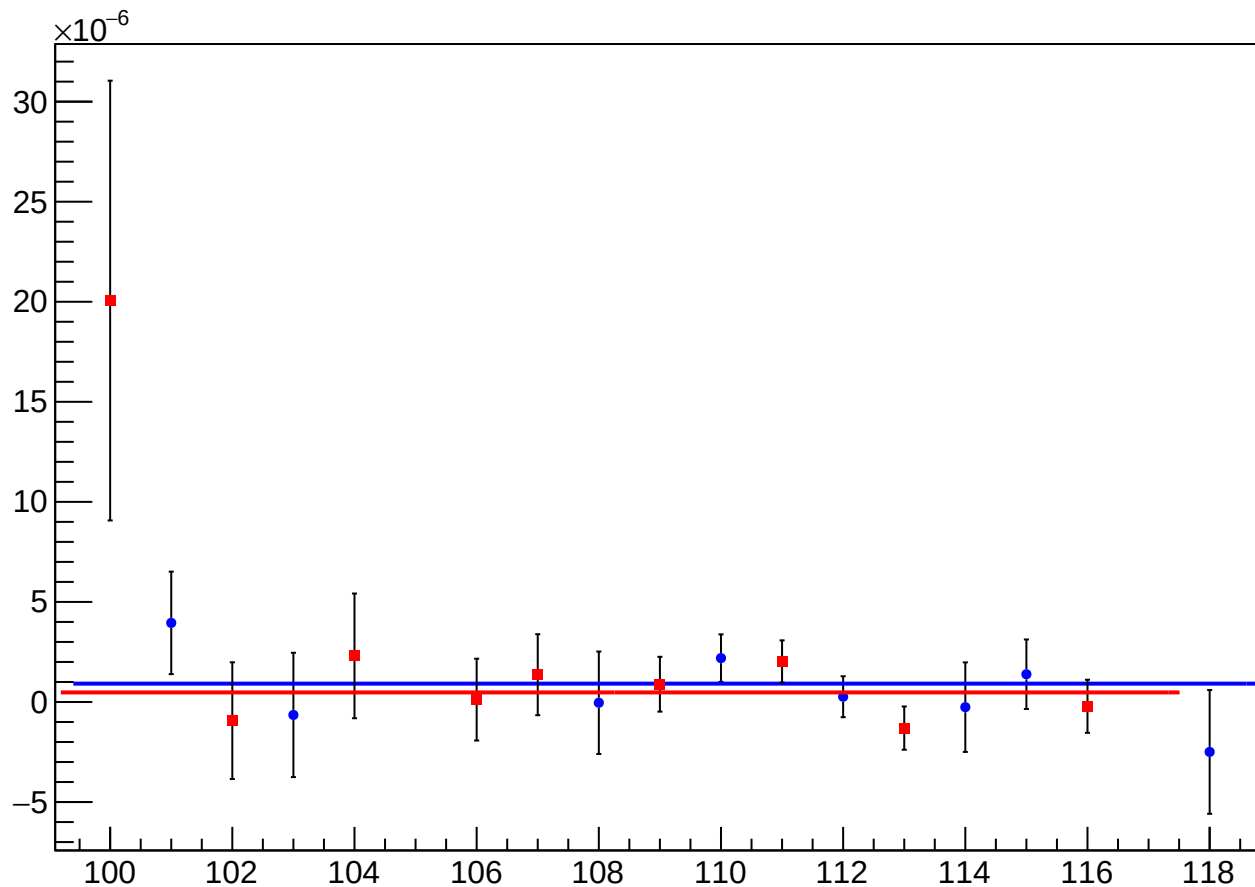
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.235 $\pm$ 0.008 χ^2 /NDF: 1296204.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 9.2/8

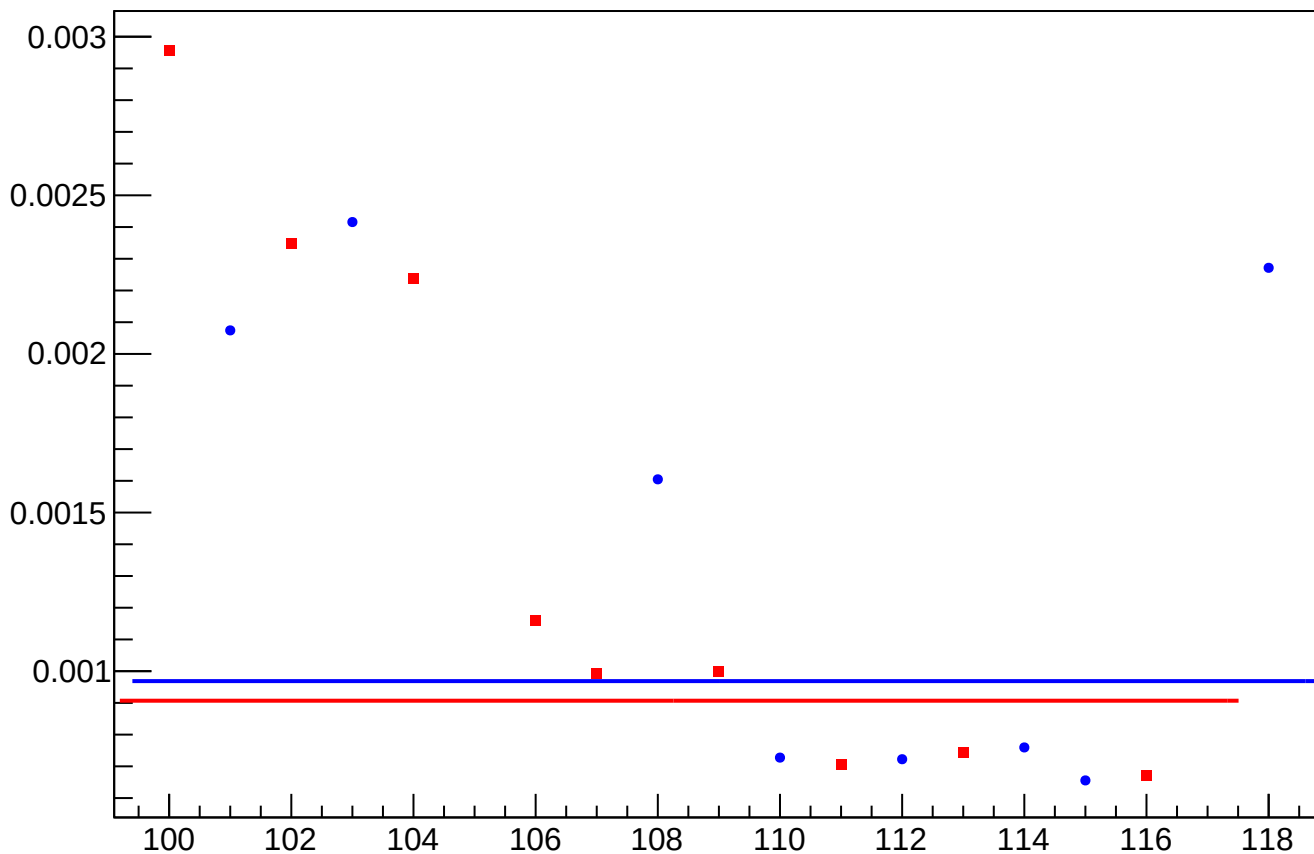
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1148310.0/8

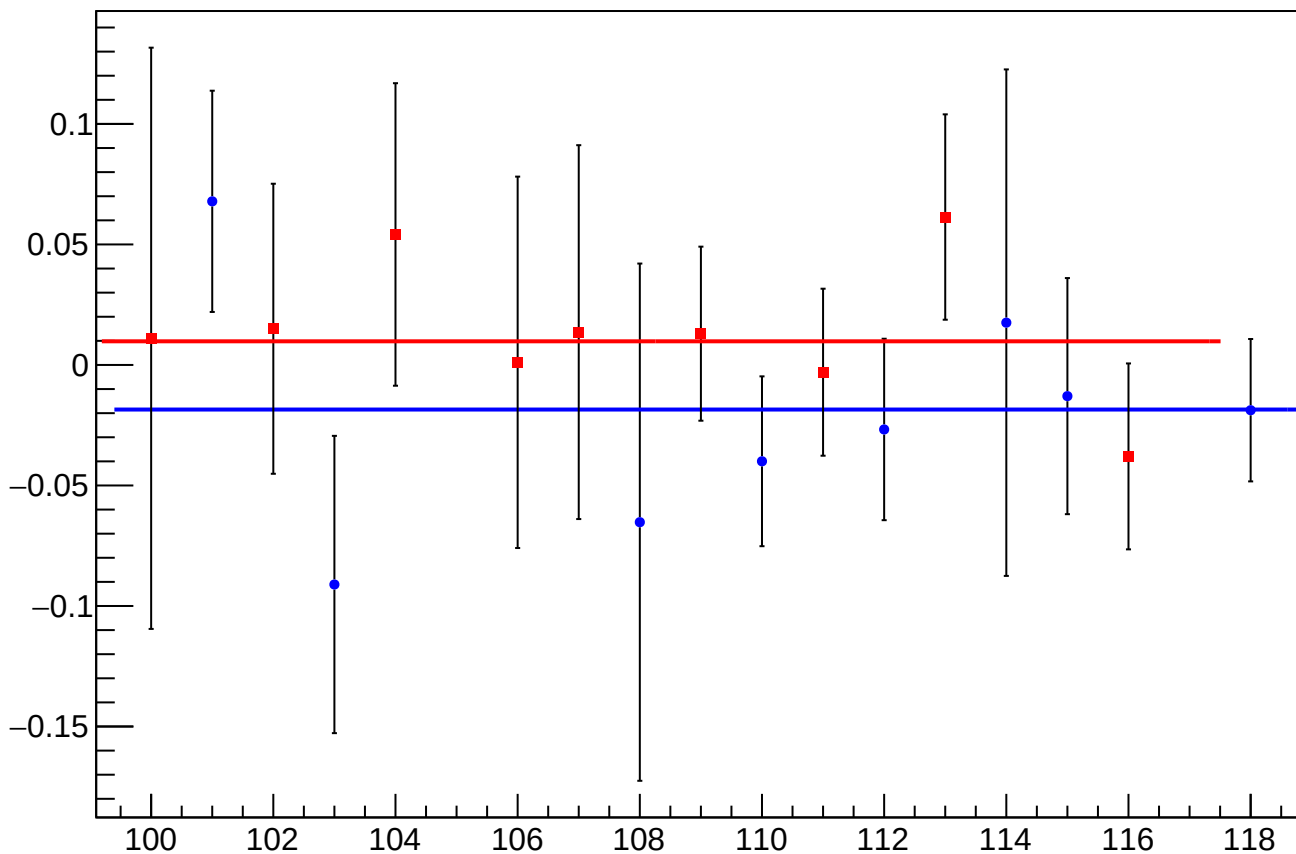
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2726069.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.016 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.016 χ^2 /NDF: 3.7/8

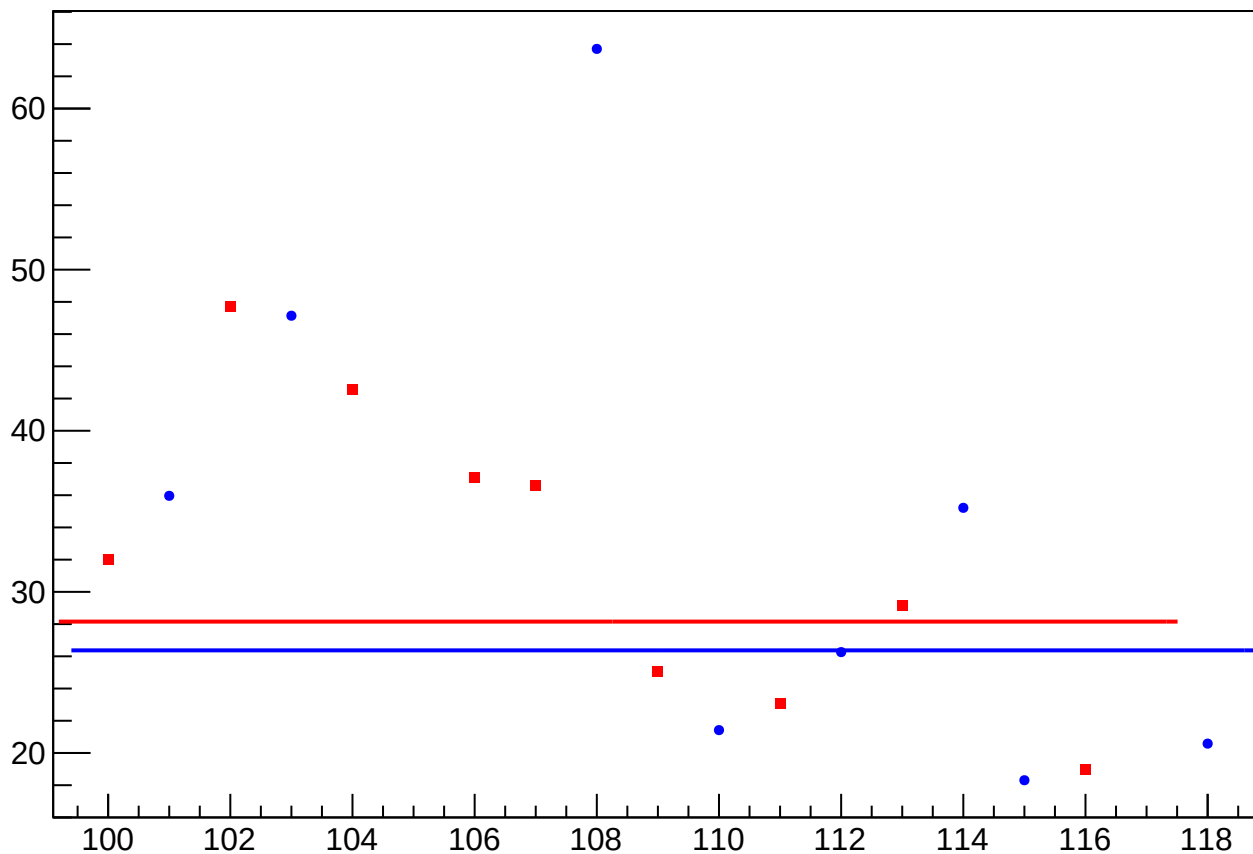
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.011 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 28.154+/-0.012 χ^2/NDF : 542874.8/8

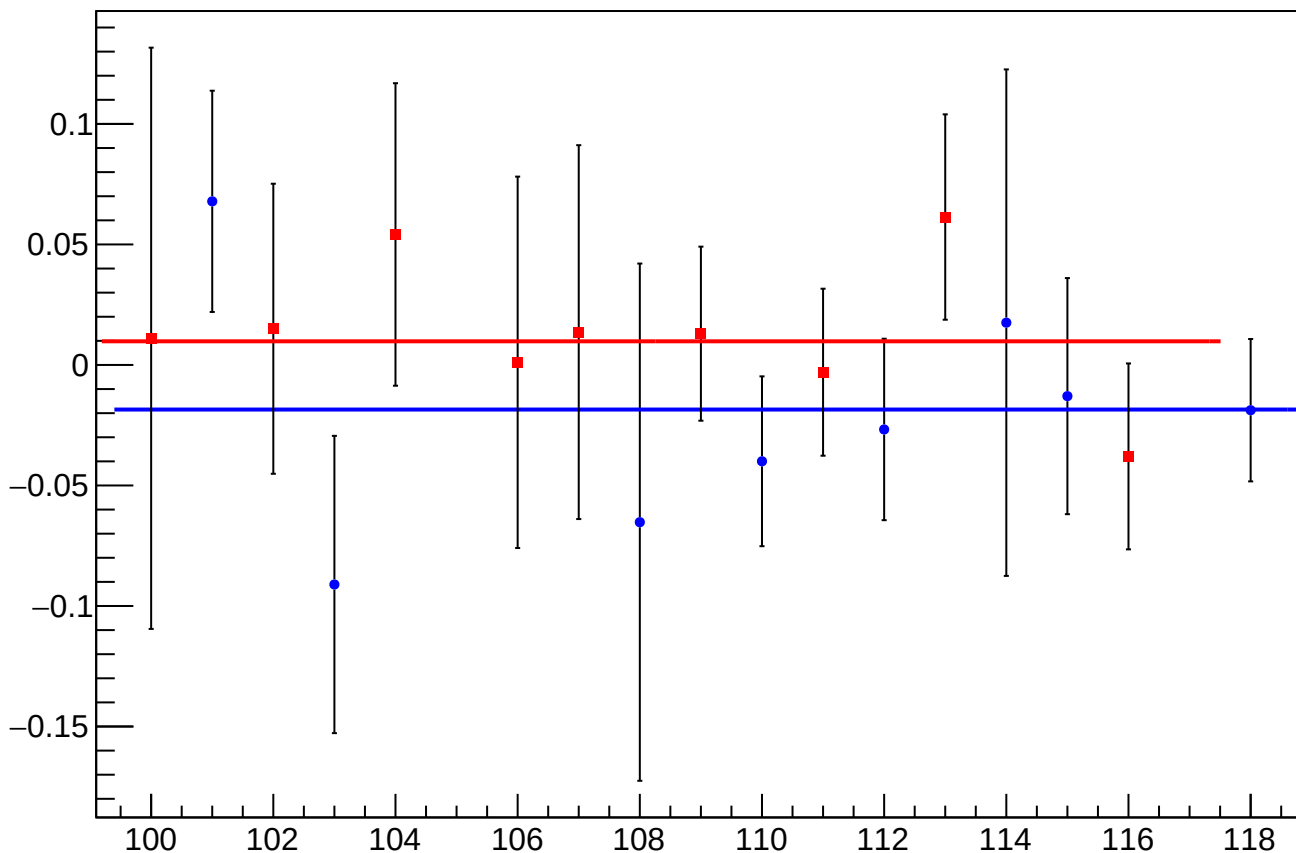
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.235+/-0.008 χ^2/NDF : 1296280.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.016 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.016 χ^2 /NDF: 3.7/8

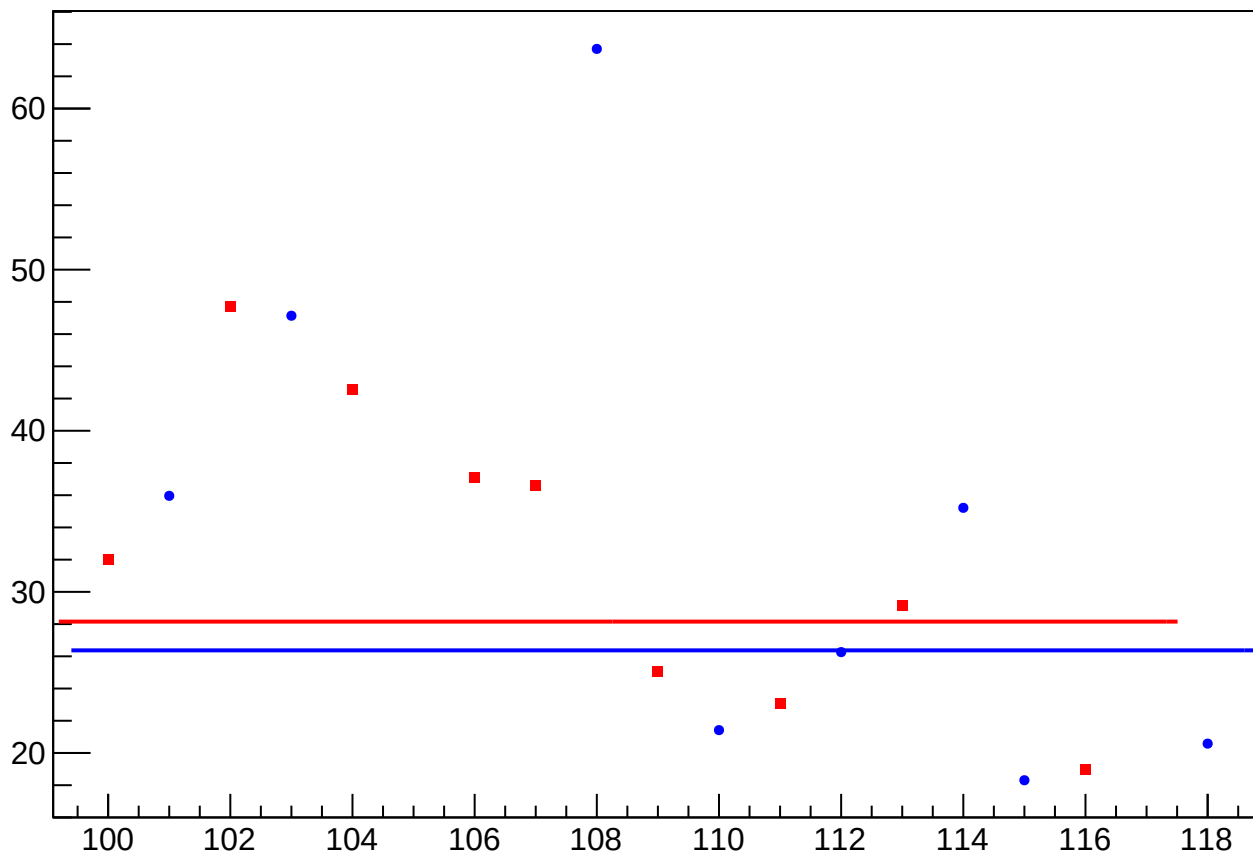
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.011 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.369 $\pm$ 0.011 χ^2 /NDF: 741070.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.154 $\pm$ 0.012 χ^2 /NDF: 542874.8/8

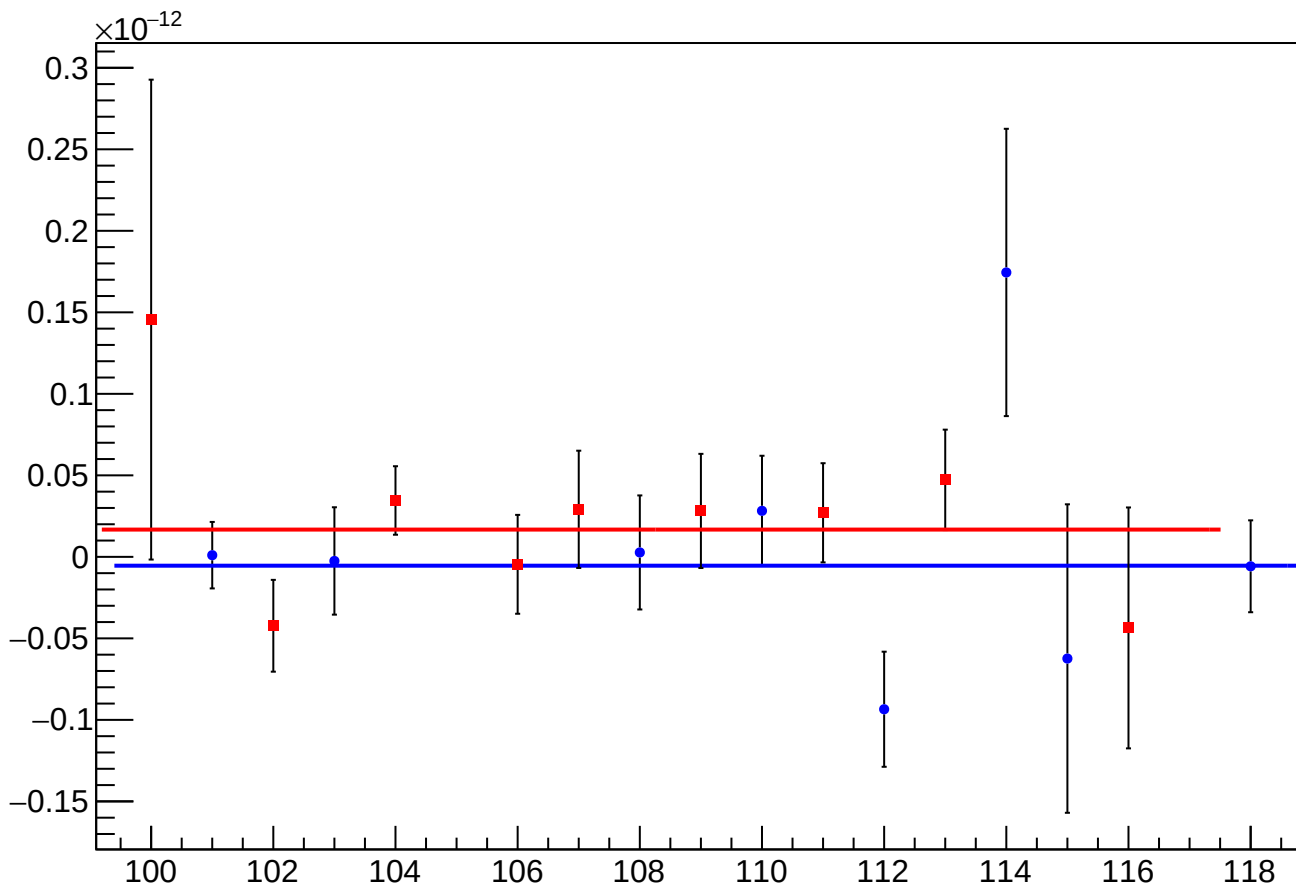
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.235 $\pm$ 0.008 χ^2 /NDF: 1296280.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/8

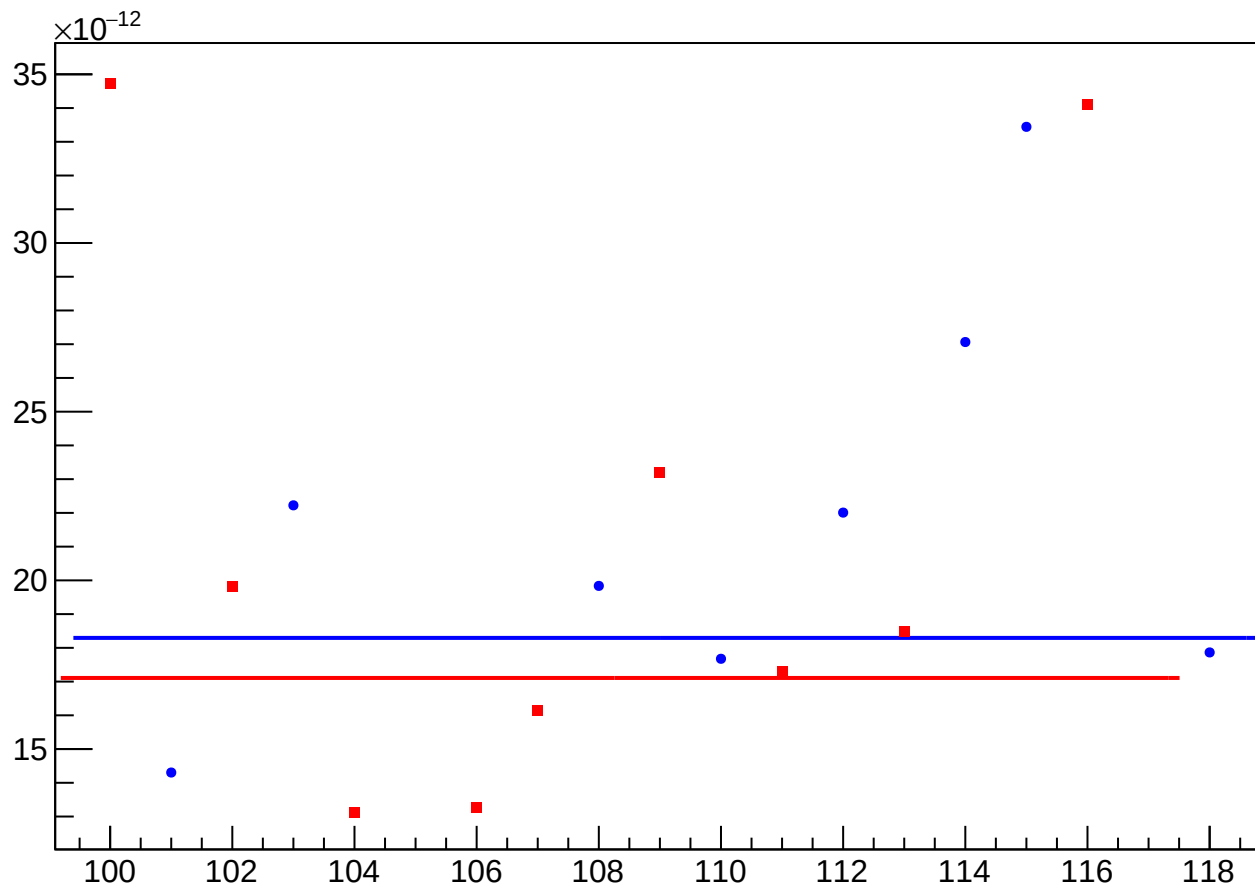
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 322722.4/8

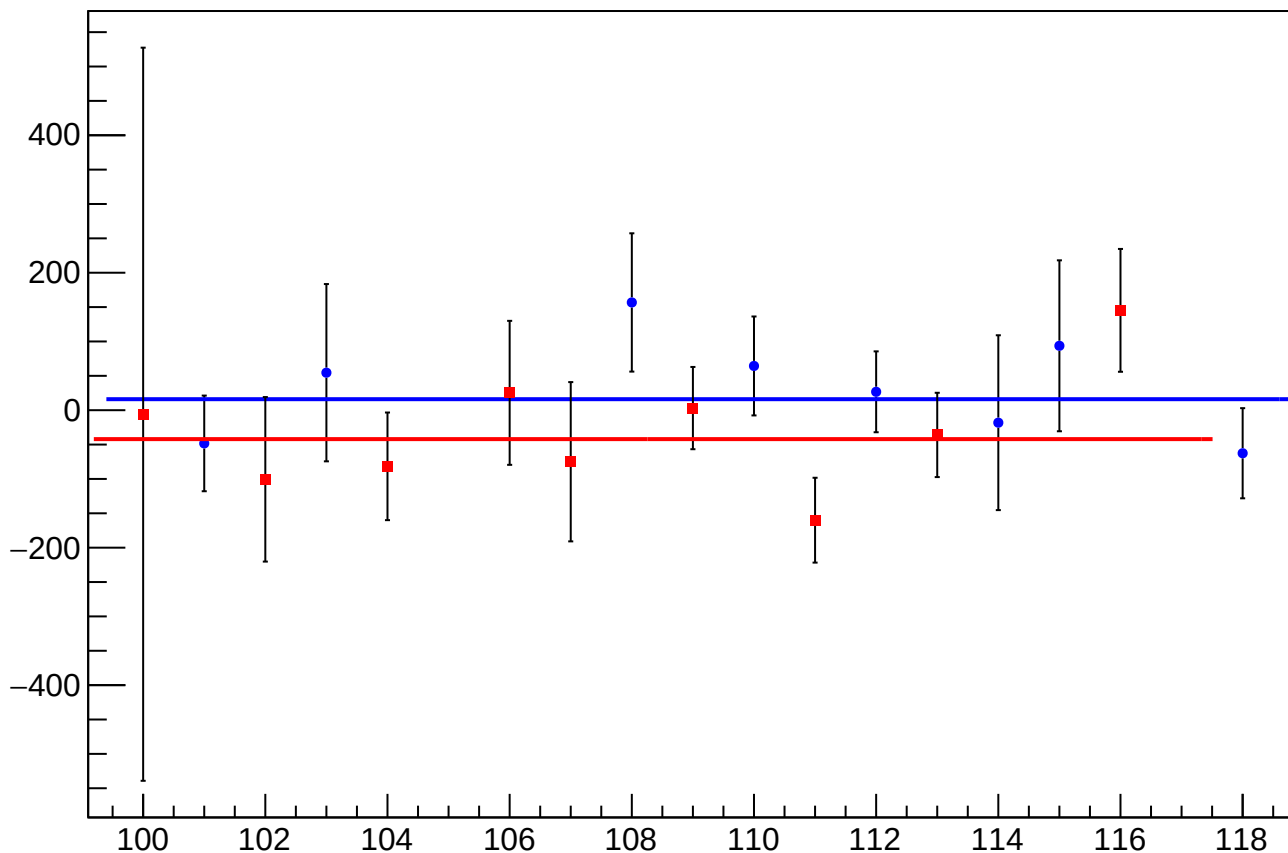
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 537160.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



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: -42.070+/-27.367 χ^2/NDF : 9.6/8

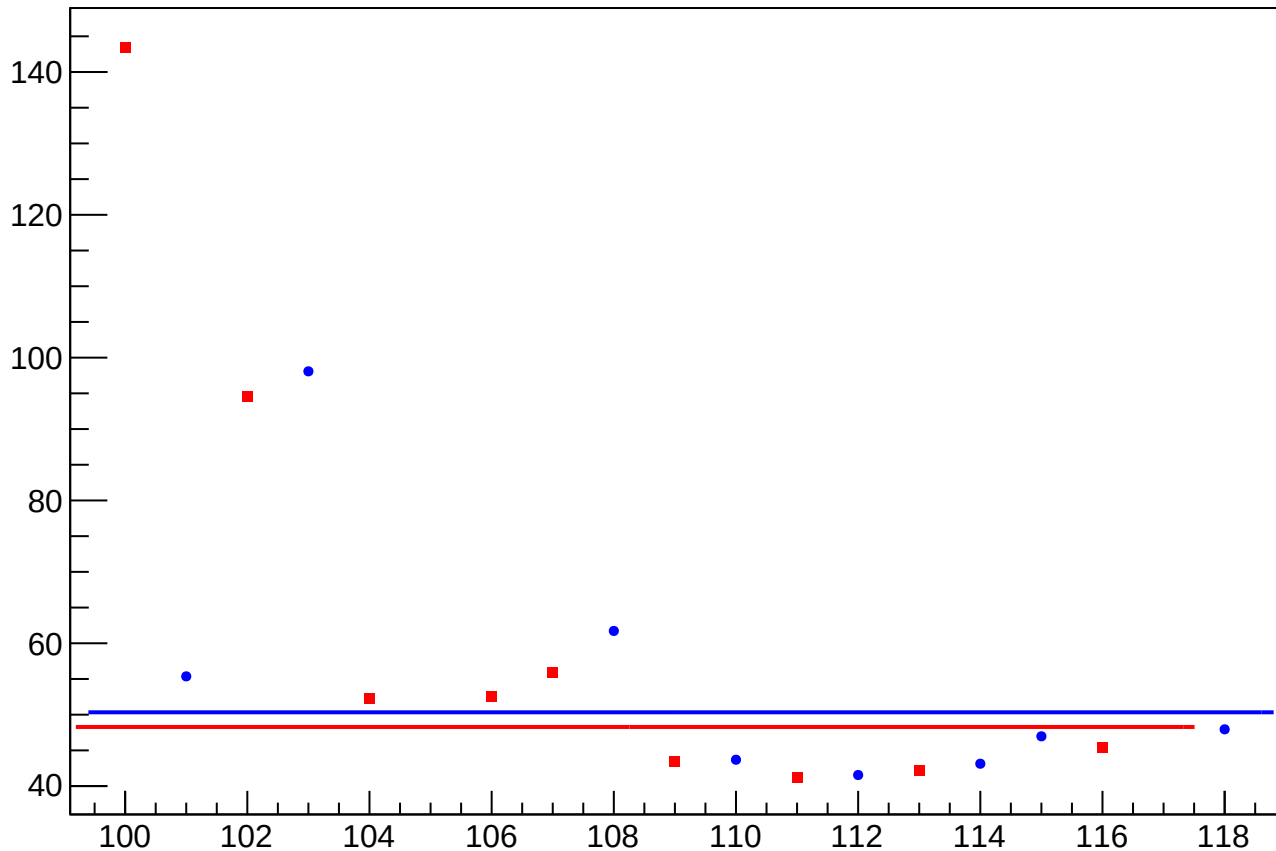
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.495+/-19.835 χ^2/NDF : 17.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



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: 48.279+/-0.019 χ^2/NDF : 440457.3/8

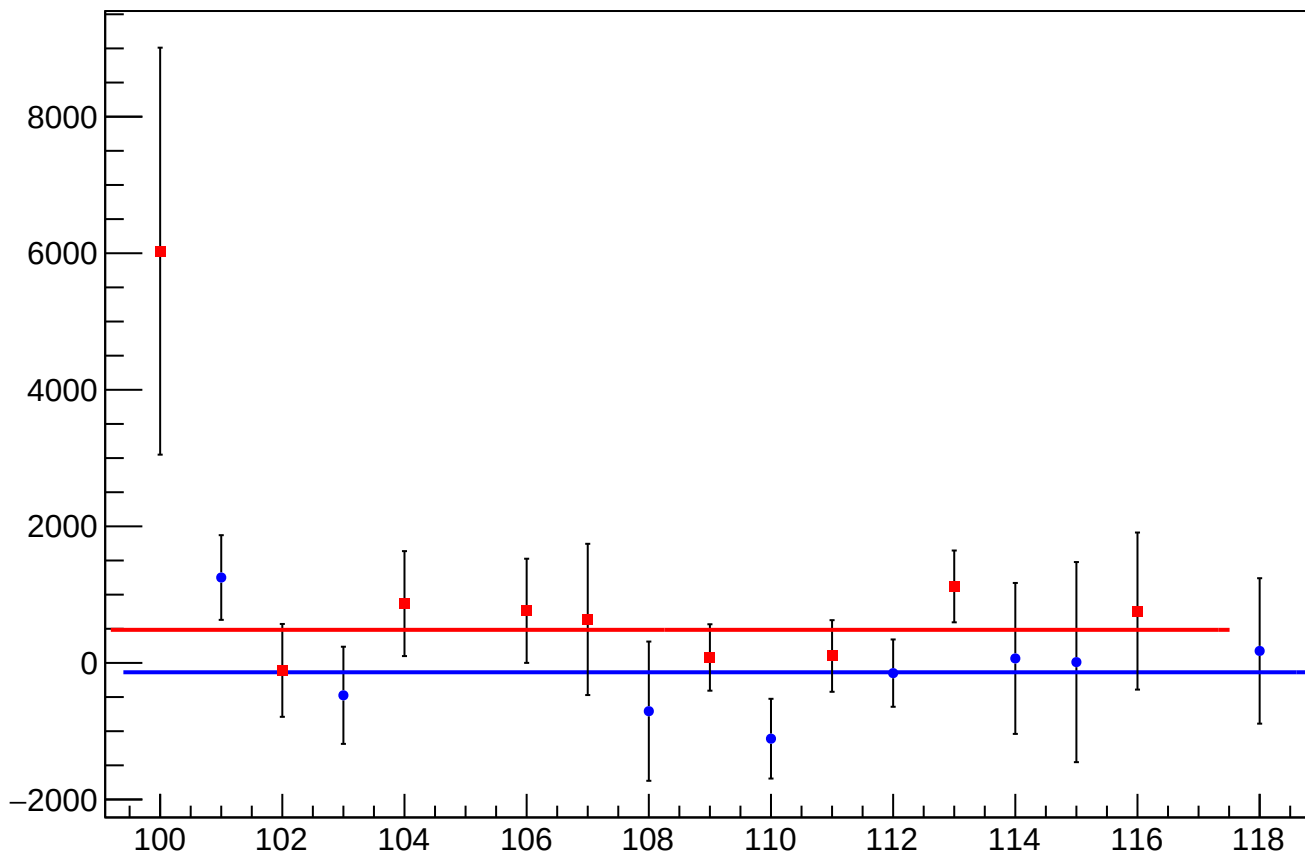
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.254+/-0.014 χ^2/NDF : 828232.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: -136.958+/-260.388 χ^2 /NDF: 8.4/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 484.490+/-231.037 χ^2 /NDF: 7.4/8

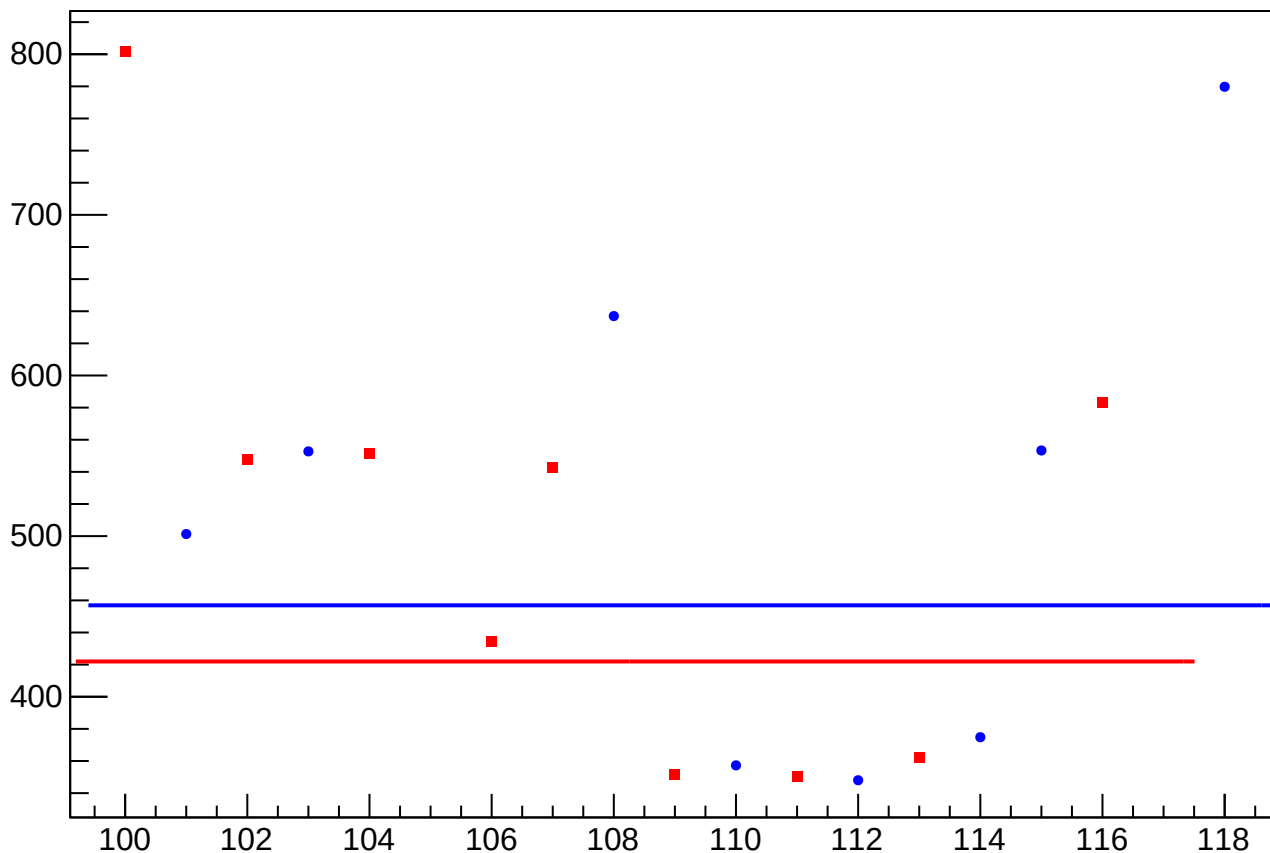
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 210.751+/-172.818 χ^2 /NDF: 19.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



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: 421.965+/-0.163 χ^2/NDF : 326819.9/8

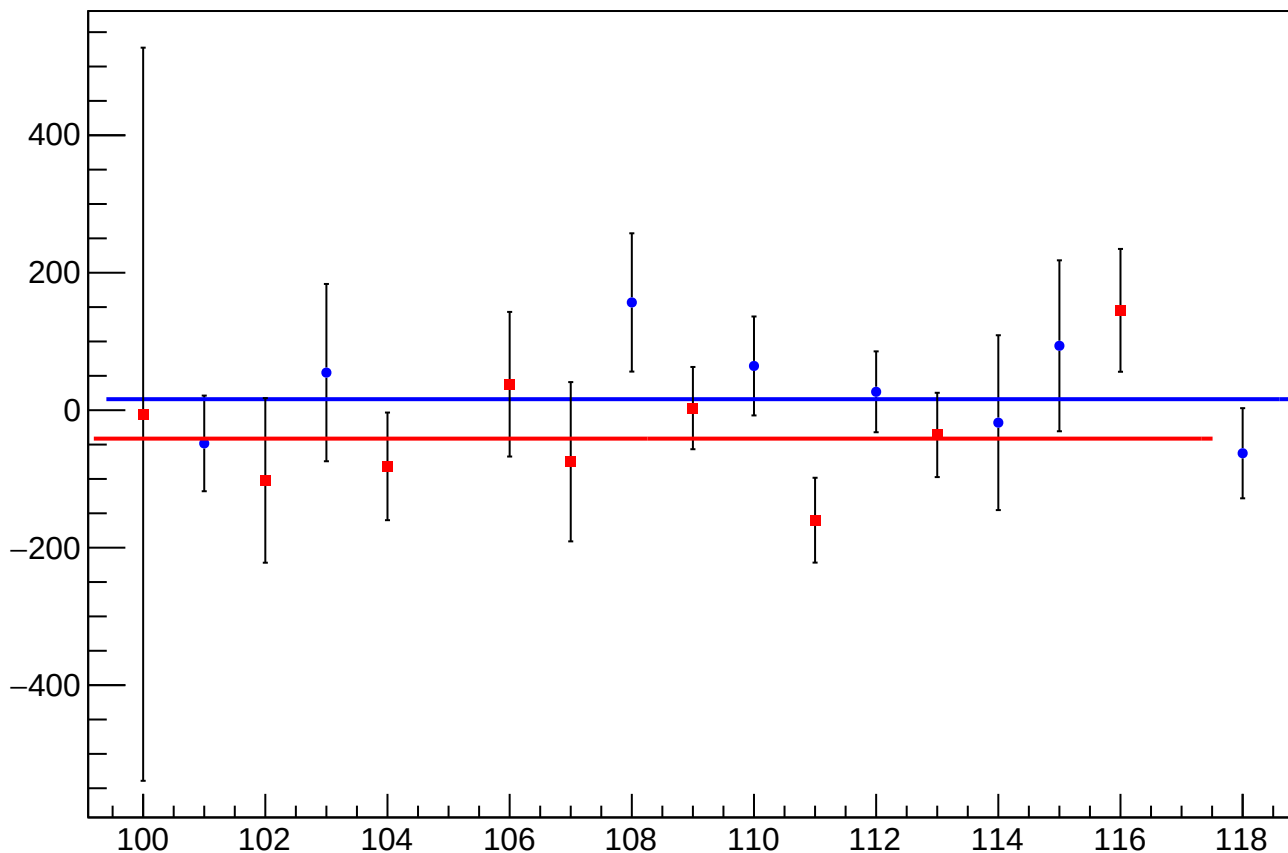
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.363+/-0.122 χ^2/NDF : 815051.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



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: -41.347+/-27.376 χ^2/NDF : 9.8/8

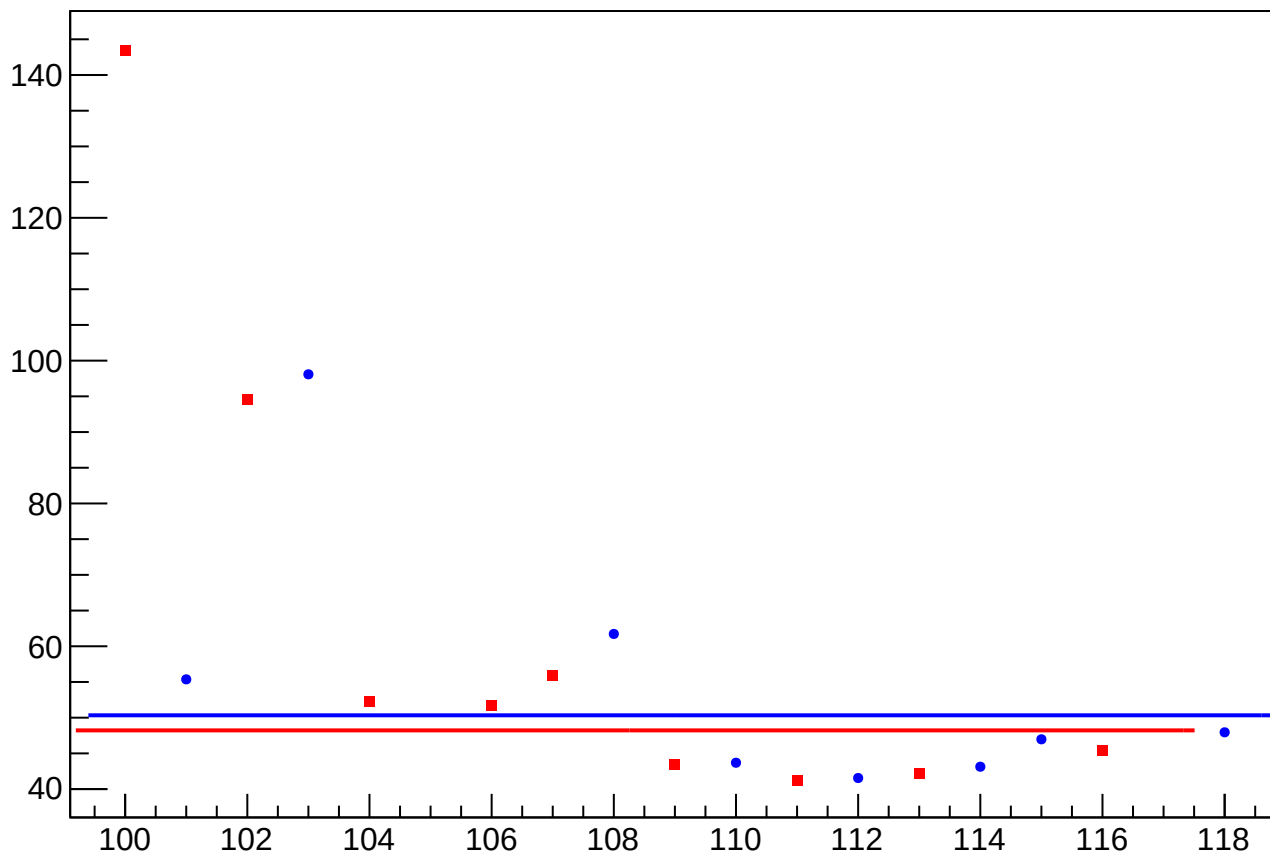
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.100+/-19.839 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



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: 48.221+/-0.019 χ^2/NDF : 439527.3/8

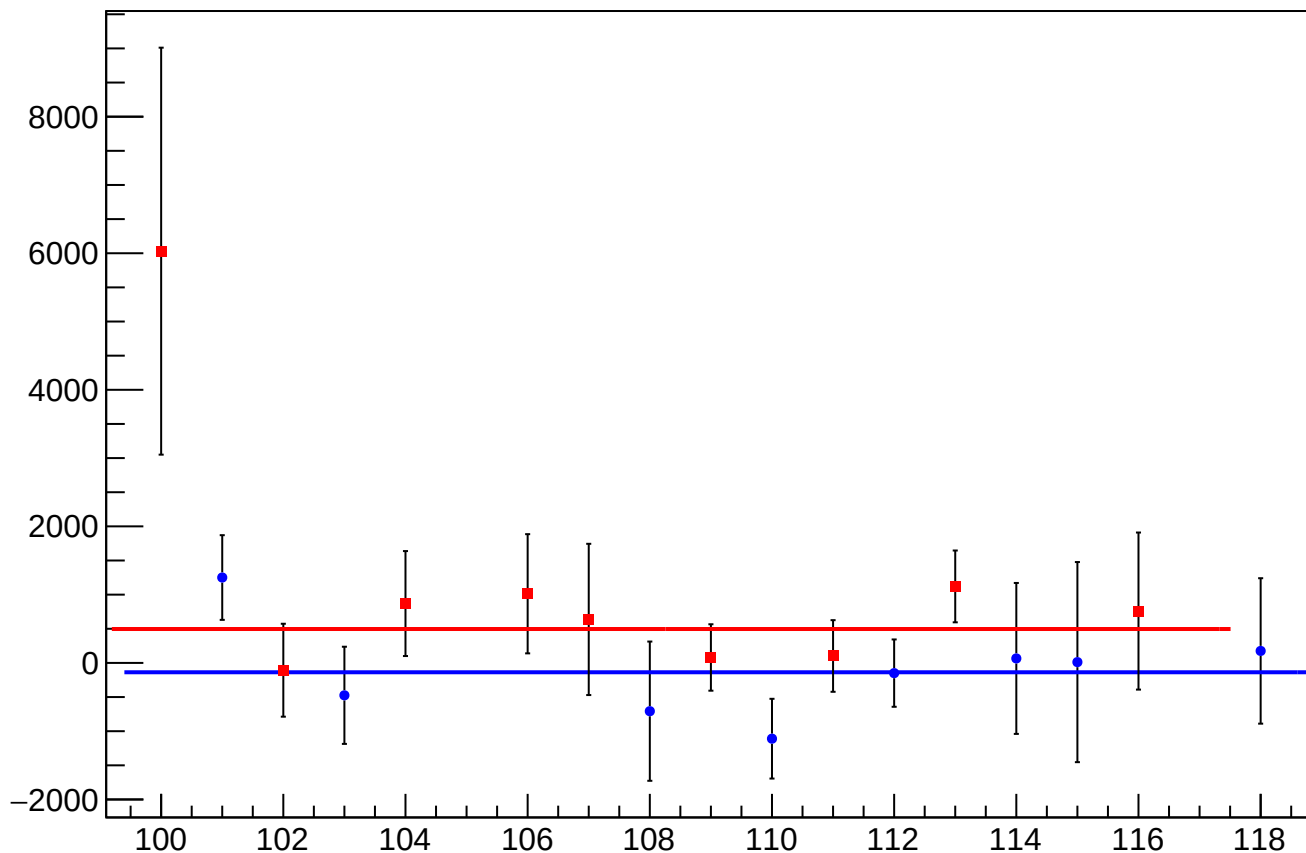
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.224+/-0.014 χ^2/NDF : 827609.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



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: 496.628+/-233.606 χ^2/NDF : 7.6/8

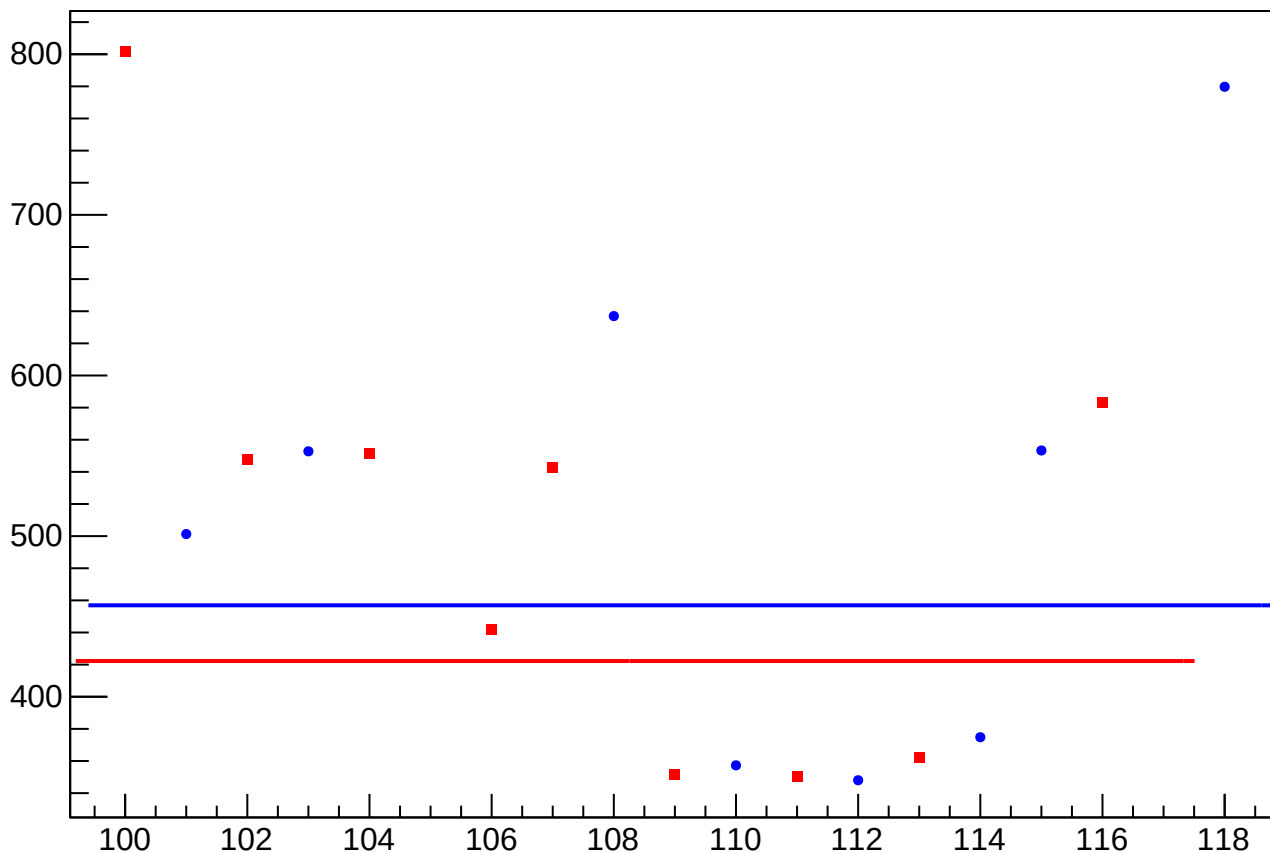
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.089+/-173.886 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



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: 422.243+/-0.165 χ^2/NDF : 327636.7/8

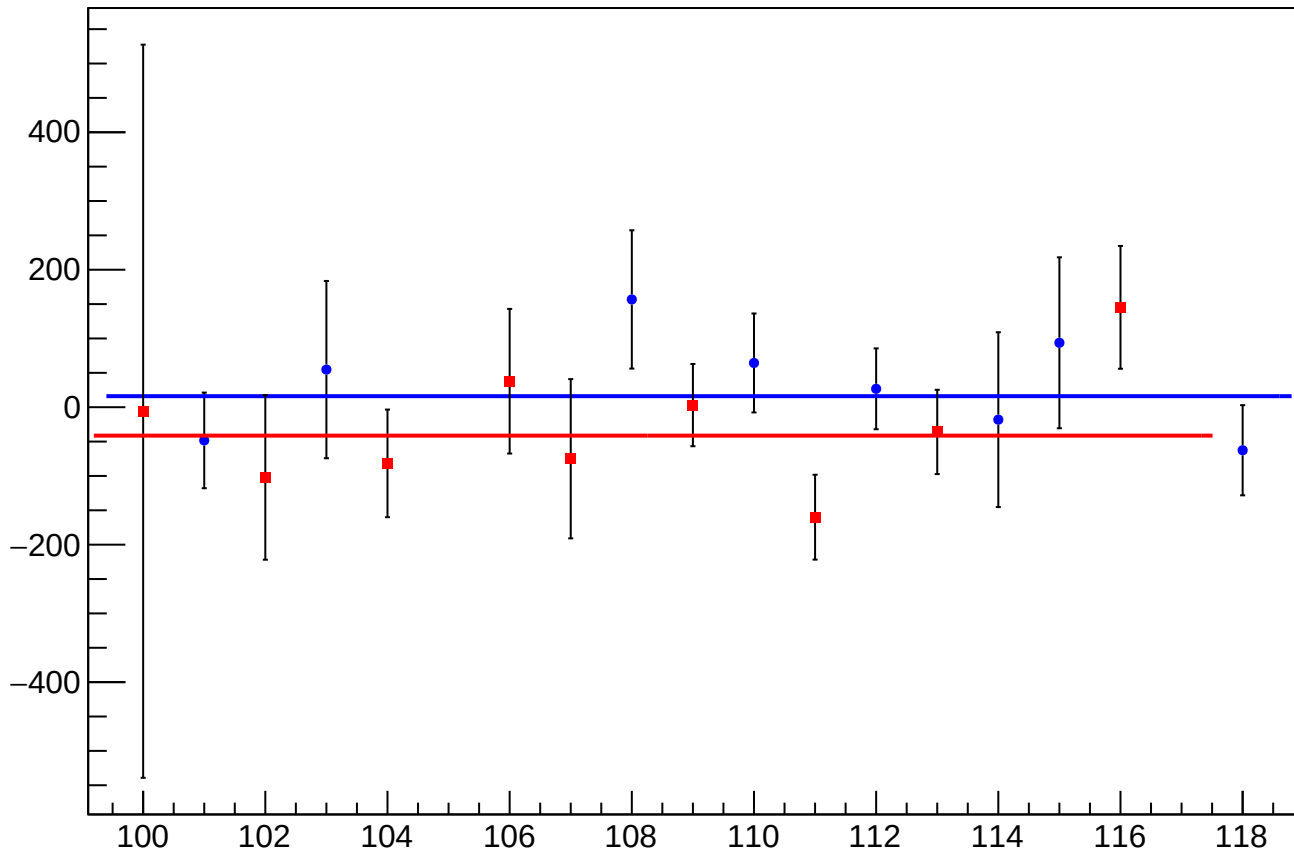
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.709+/-0.123 χ^2/NDF : 815394.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



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: -41.347+/-27.376 χ^2/NDF : 9.8/8

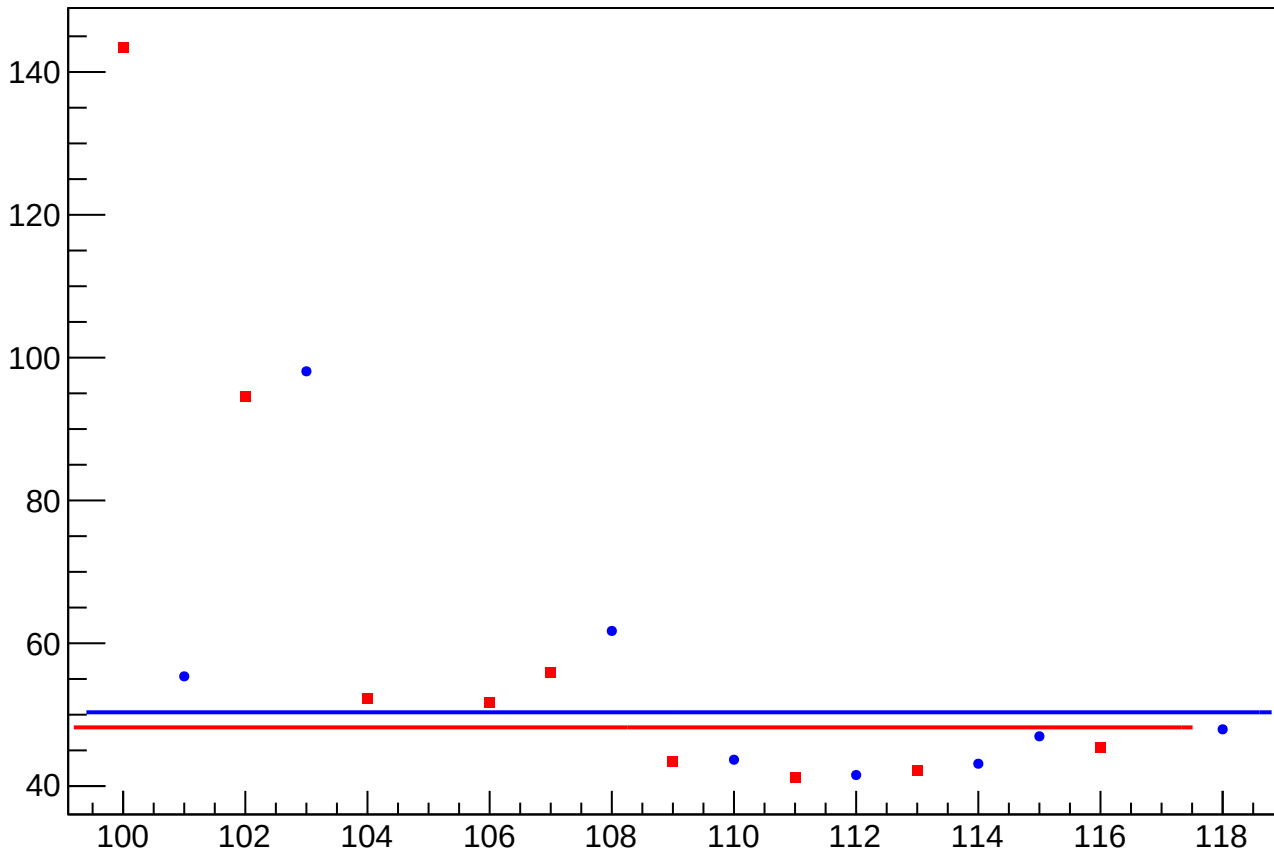
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.100+/-19.839 χ^2/NDF : 17.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



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: 48.221+/-0.019 χ^2/NDF : 439527.3/8

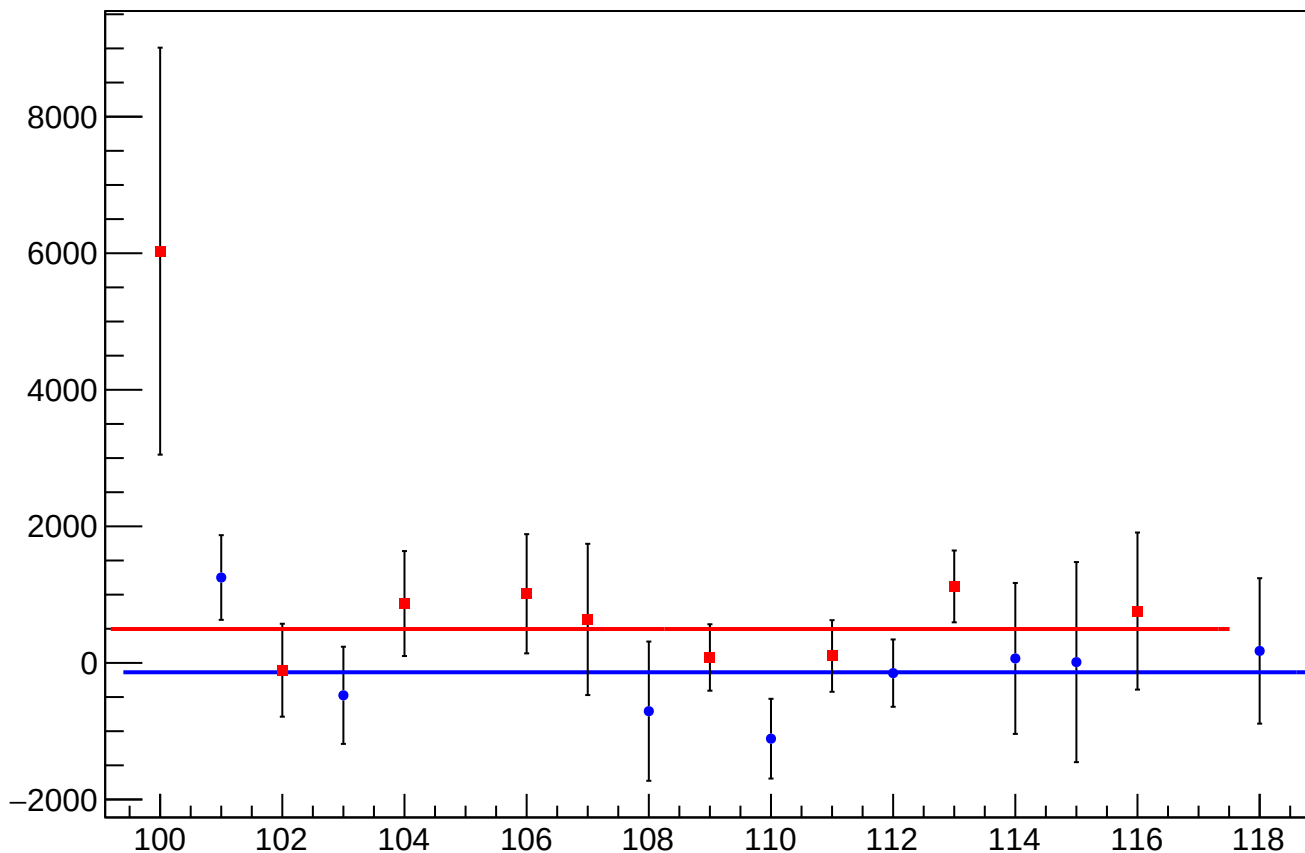
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.224+/-0.014 χ^2/NDF : 827609.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug



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: 496.628+/-233.606 χ^2/NDF : 7.6/8

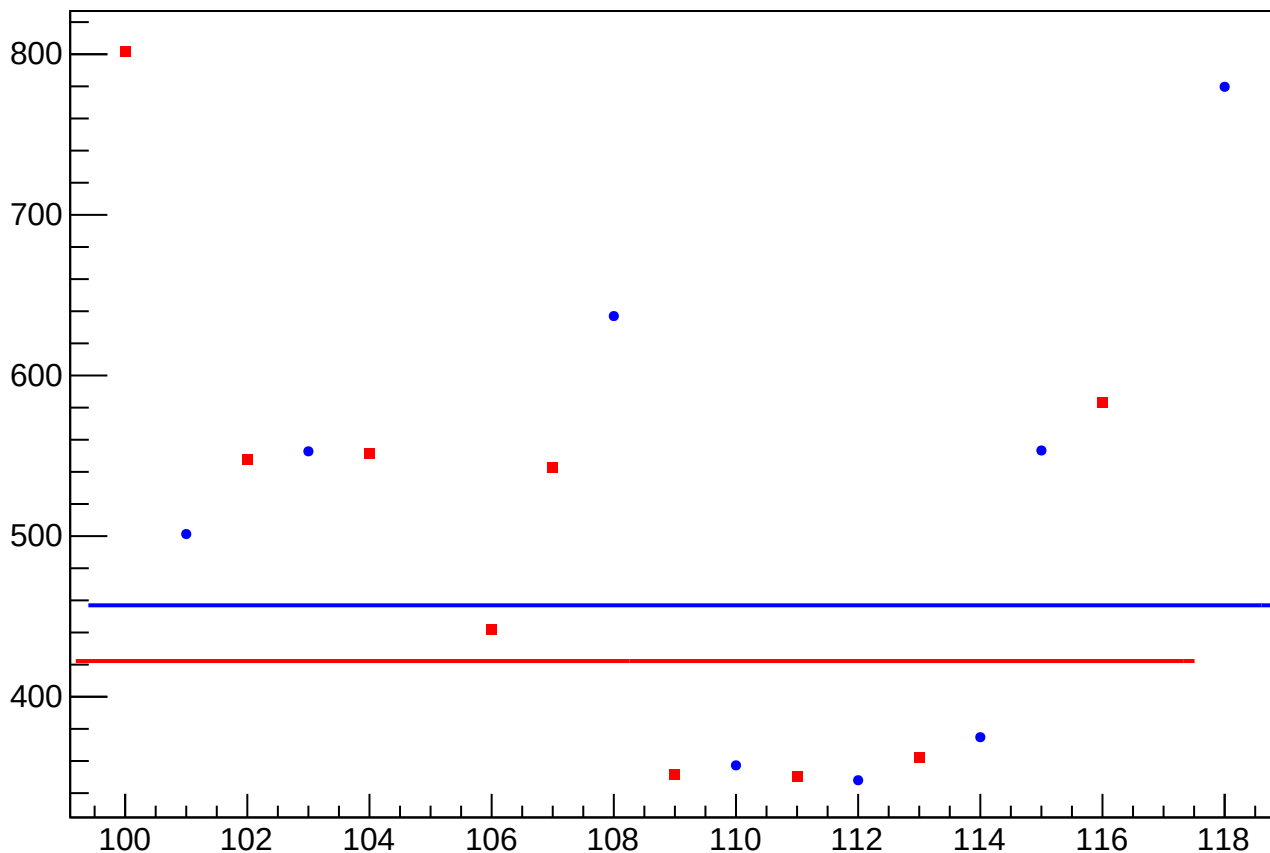
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.089+/-173.886 χ^2/NDF : 19.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



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: 422.243+/-0.165 χ^2/NDF : 327636.7/8

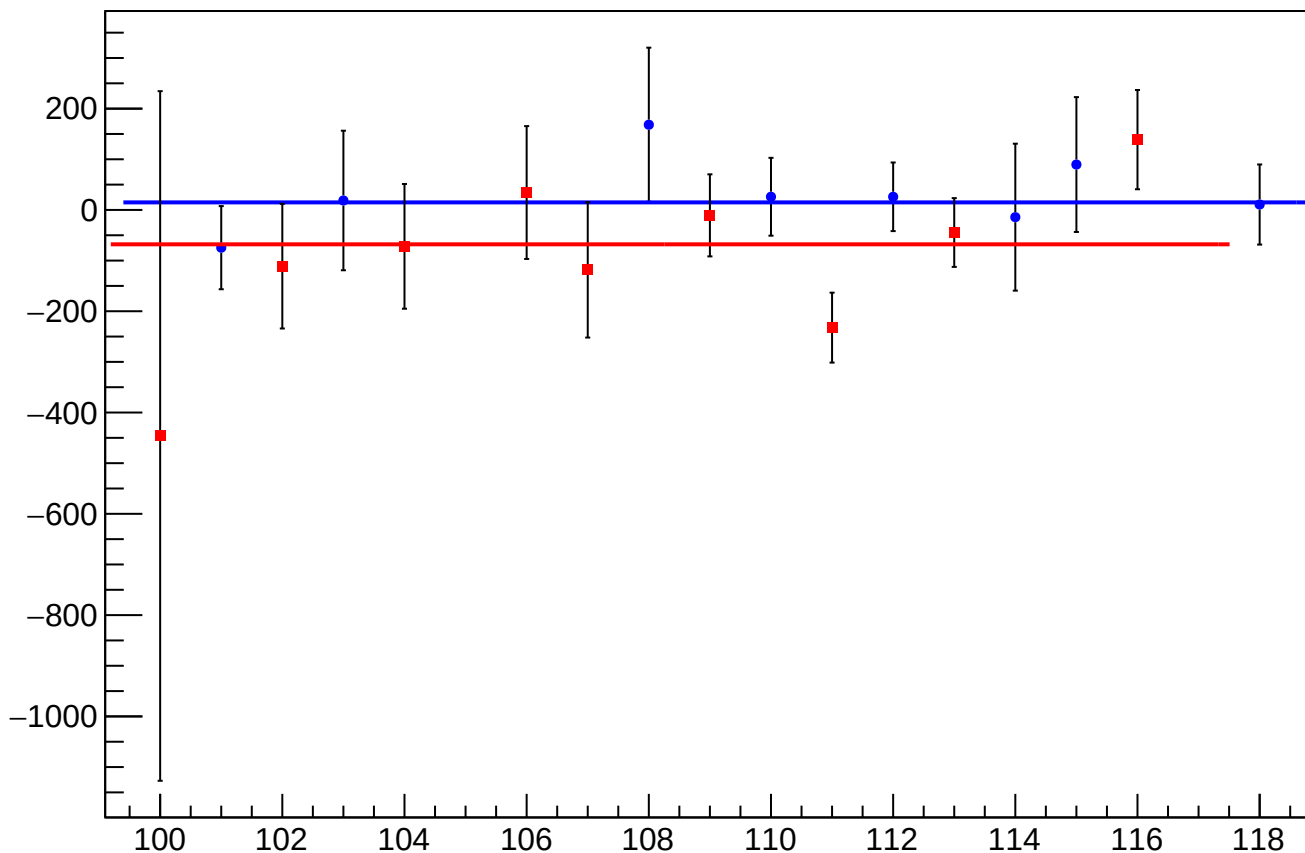
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 437.709+/-0.123 χ^2/NDF : 815394.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 14.900 $\pm$ 33.416 χ^2 /NDF: 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -67.897 $\pm$ 32.767 χ^2 /NDF: 11.9/8

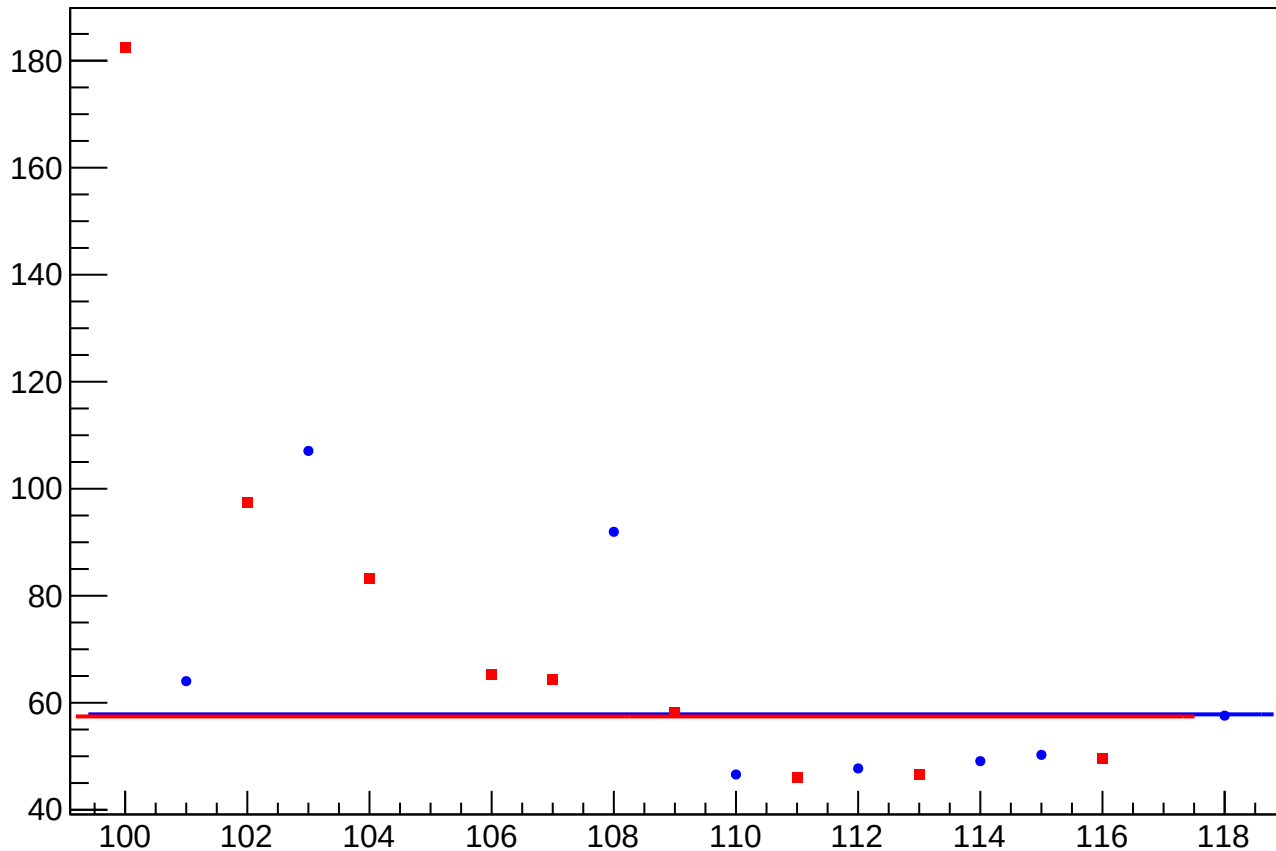
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.310 $\pm$ 23.396 χ^2 /NDF: 17.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 57.836 $\pm$ 0.024 χ^2 /NDF: 468560.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.444 $\pm$ 0.023 χ^2 /NDF: 496194.9/8

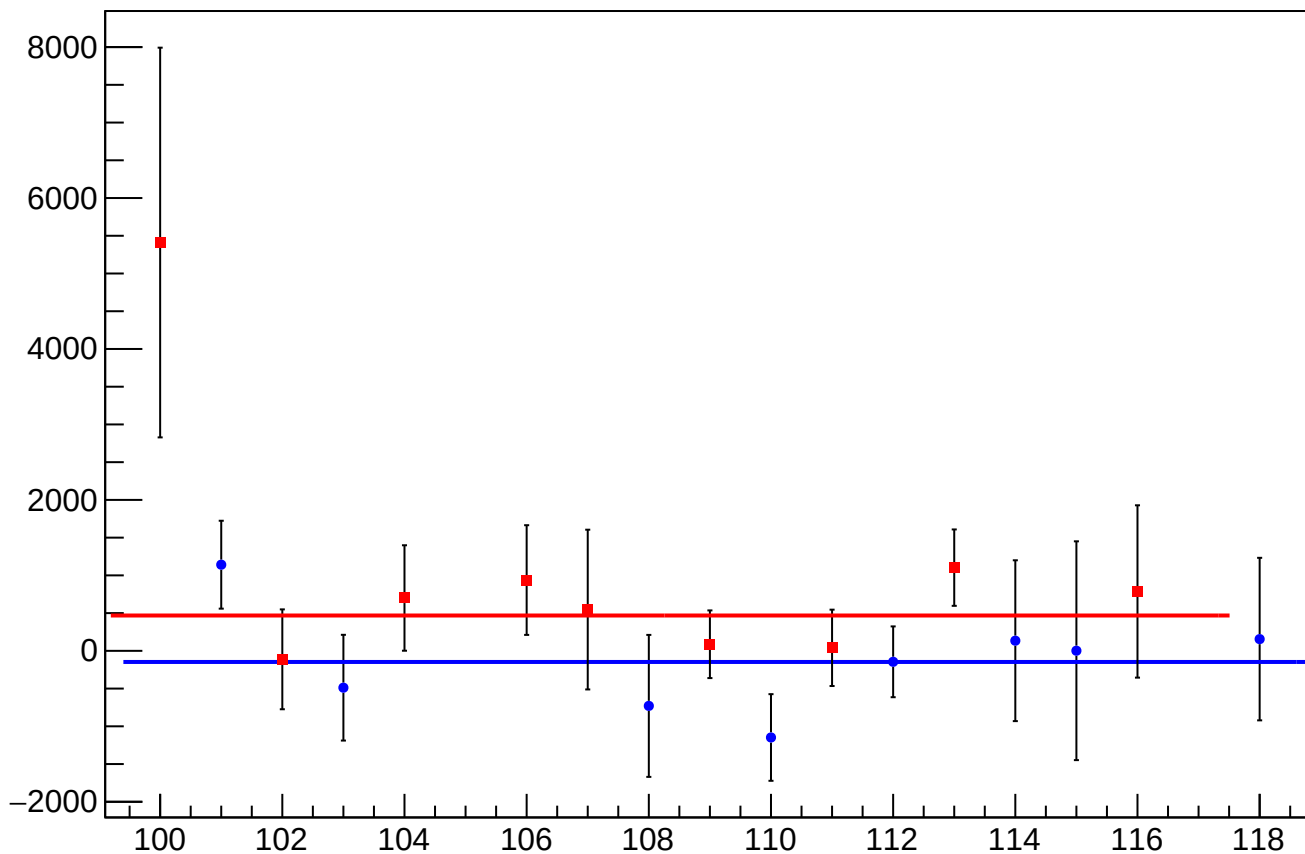
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.636 $\pm$ 0.017 χ^2 /NDF: 964895.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



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: 468.292+/-219.131 χ^2 /NDF: 8.1/8

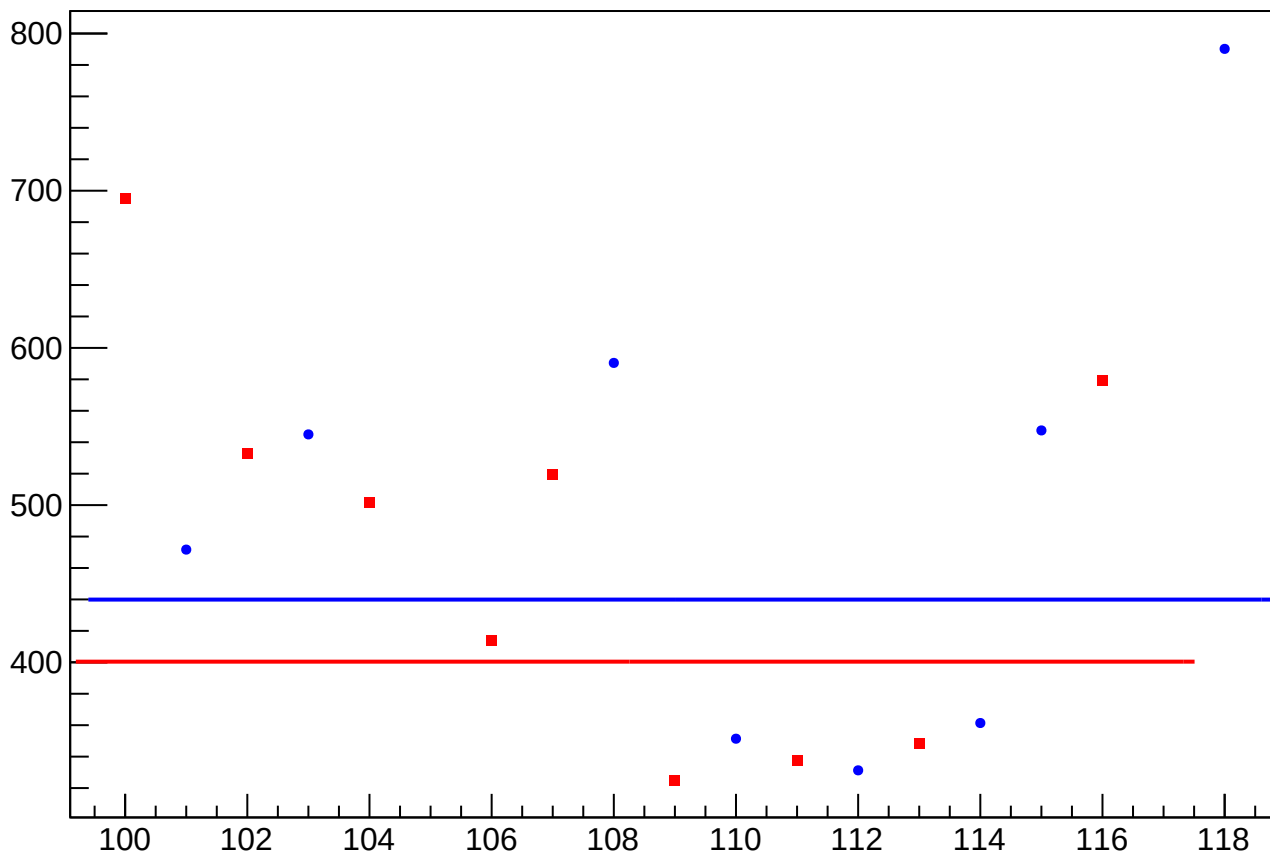
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 201.619+/-164.981 χ^2 /NDF: 20.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 439.898 $\pm$ 0.177 χ^2 /NDF: 490550.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 400.414 $\pm$ 0.155 χ^2 /NDF: 331667.9/8

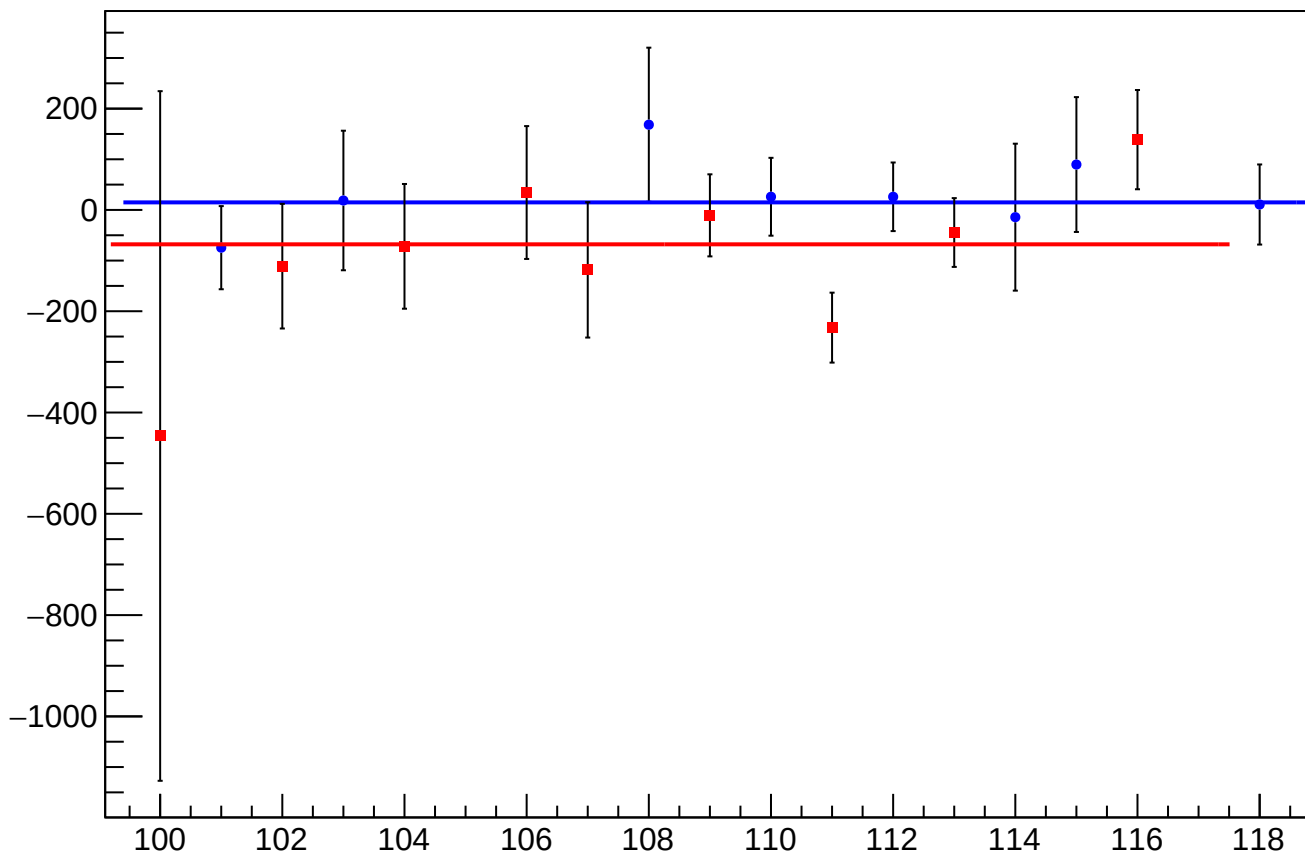
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 417.517 $\pm$ 0.117 χ^2 /NDF: 850345.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: 14.901 $\pm$ 33.416 χ^2 /NDF: 2.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.898 $\pm$ 32.768 χ^2 /NDF: 11.9/8

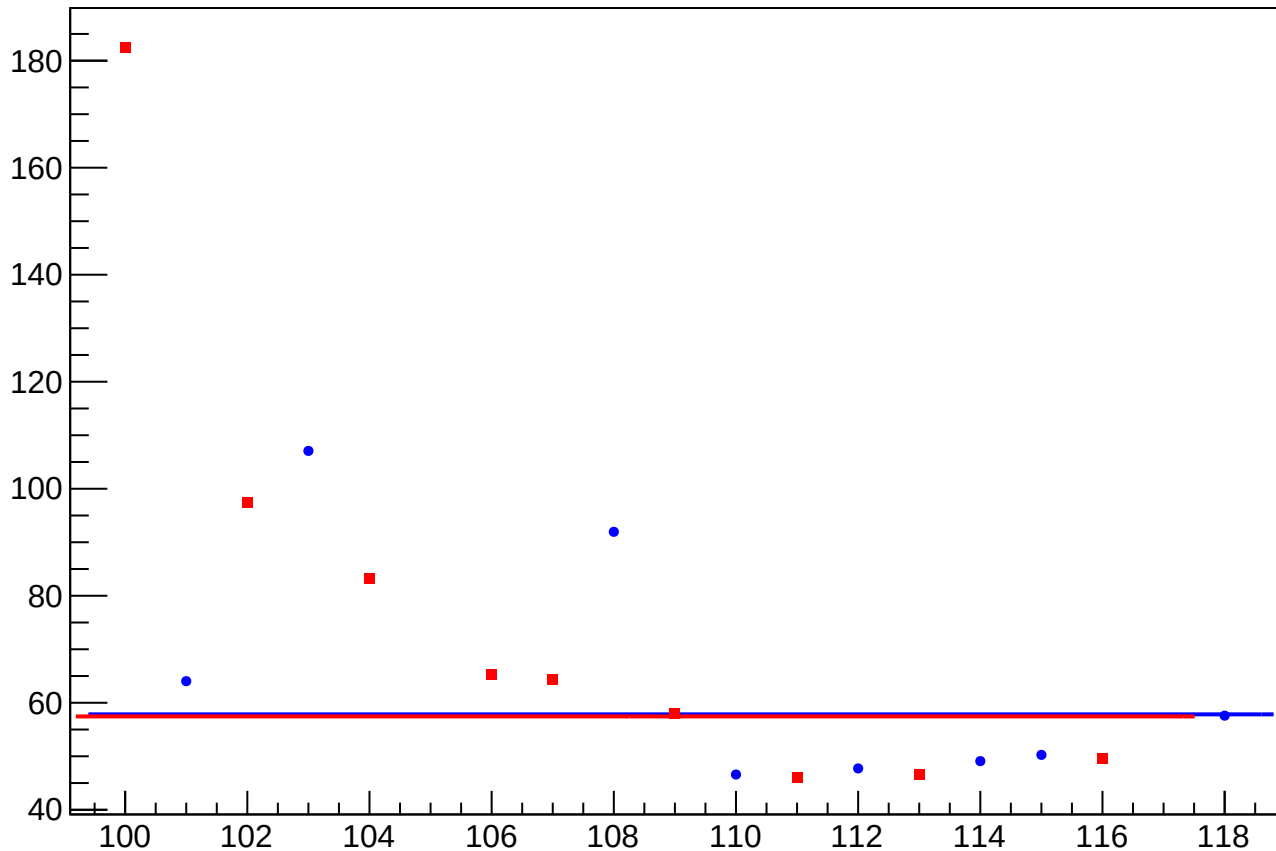
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.310 $\pm$ 23.396 χ^2 /NDF: 17.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 57.836 $\pm$ 0.024 χ^2 /NDF: 468557.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.445 $\pm$ 0.023 χ^2 /NDF: 496192.0/8

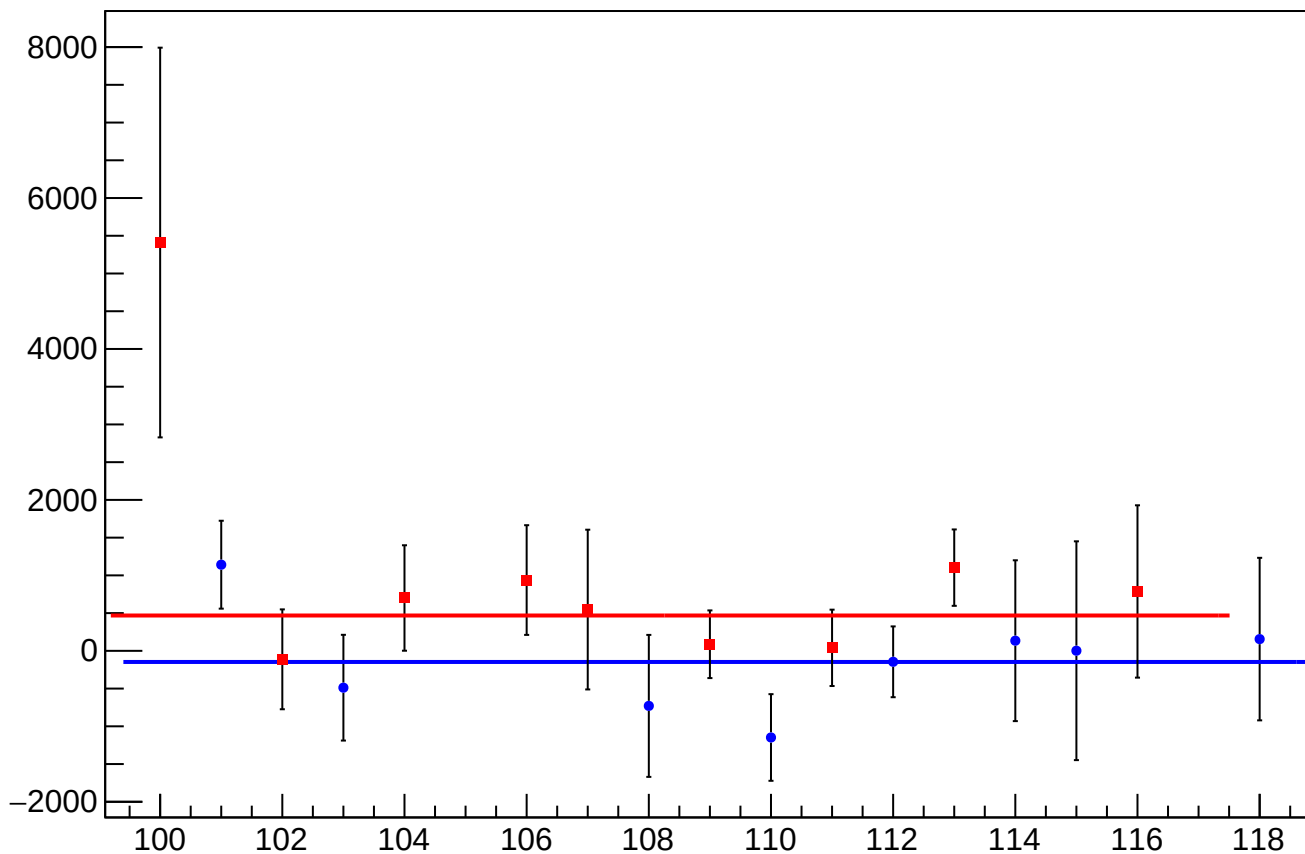
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.636 $\pm$ 0.017 χ^2 /NDF: 964889.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



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: 468.291+/-219.130 χ^2 /NDF: 8.1/8

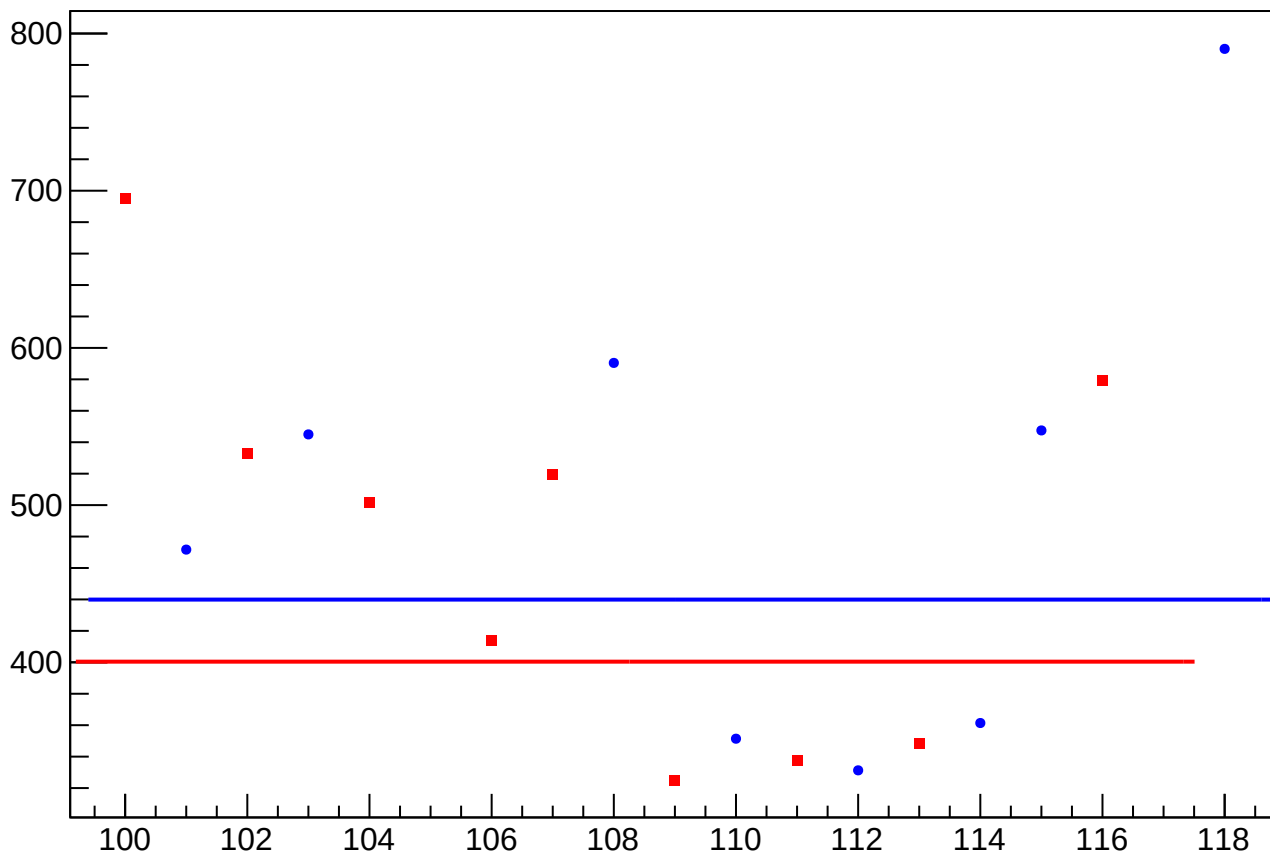
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 201.619+/-164.980 χ^2 /NDF: 20.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 439.897 $\pm$ 0.177 χ^2 /NDF: 490551.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 400.413 $\pm$ 0.155 χ^2 /NDF: 331666.2/8

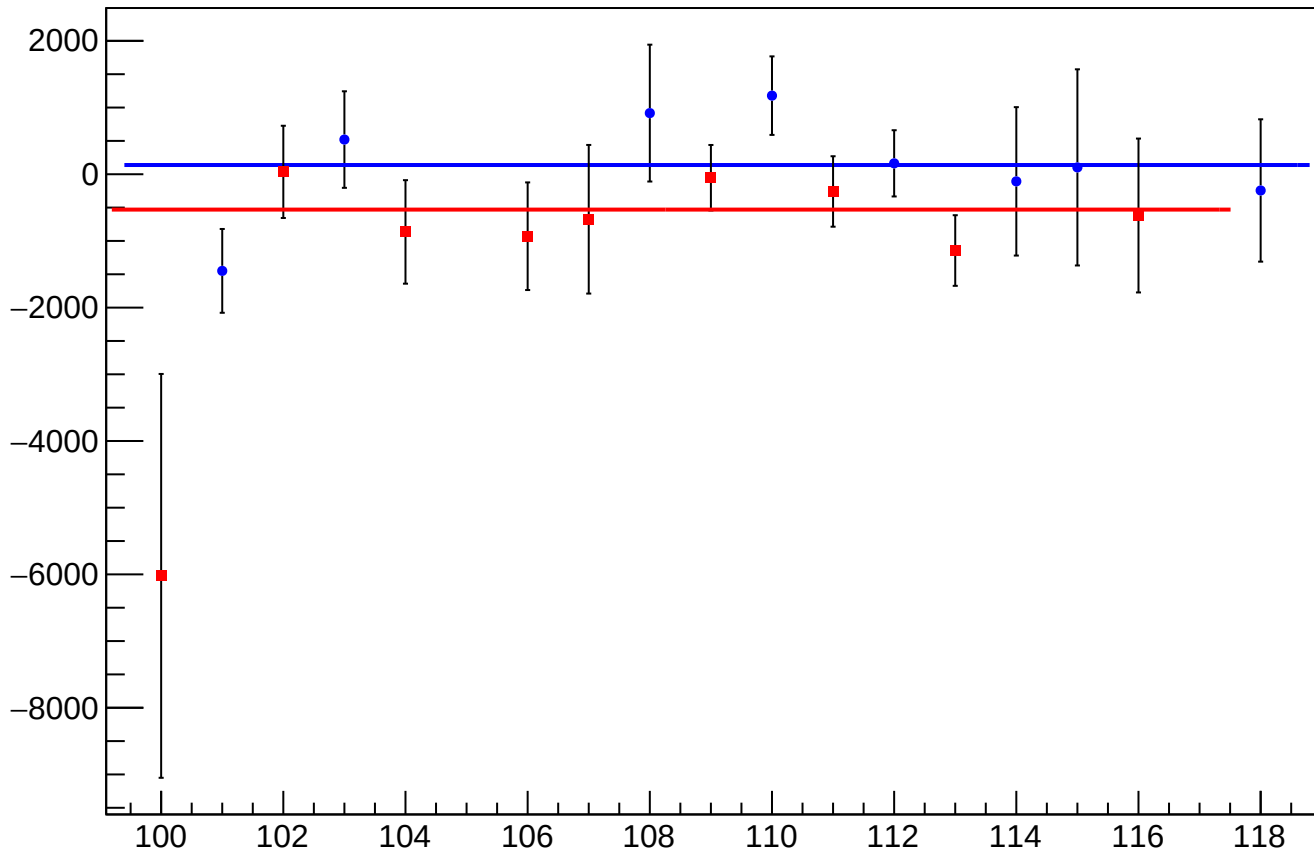
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 417.516 $\pm$ 0.117 χ^2 /NDF: 850344.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: 138.415 $\pm$ 262.804 χ^2 /NDF: 10.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -530.075 $\pm$ 234.055 χ^2 /NDF: 7.0/8

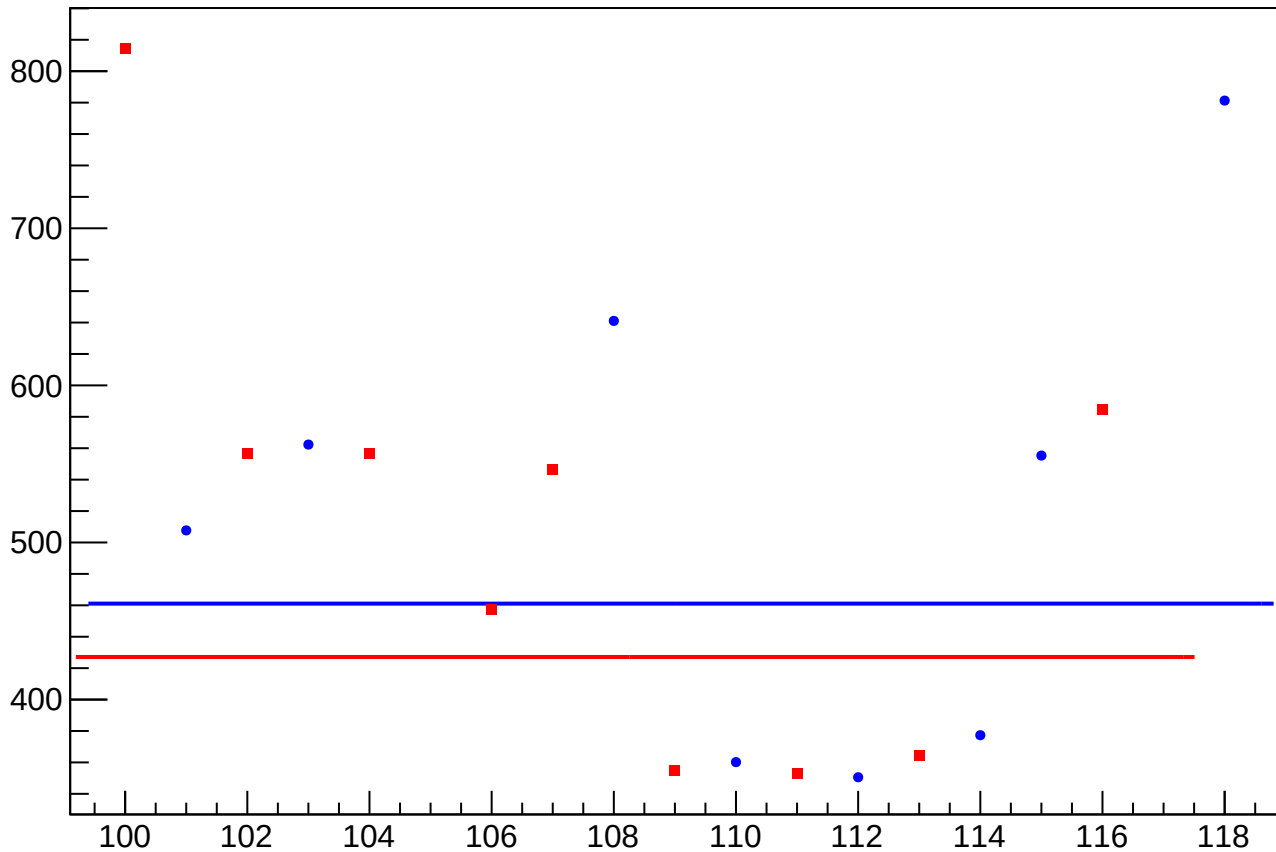
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -234.381 $\pm$ 174.786 χ^2 /NDF: 21.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



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: 427.108+/-0.166 χ^2/NDF : 333285.7/8

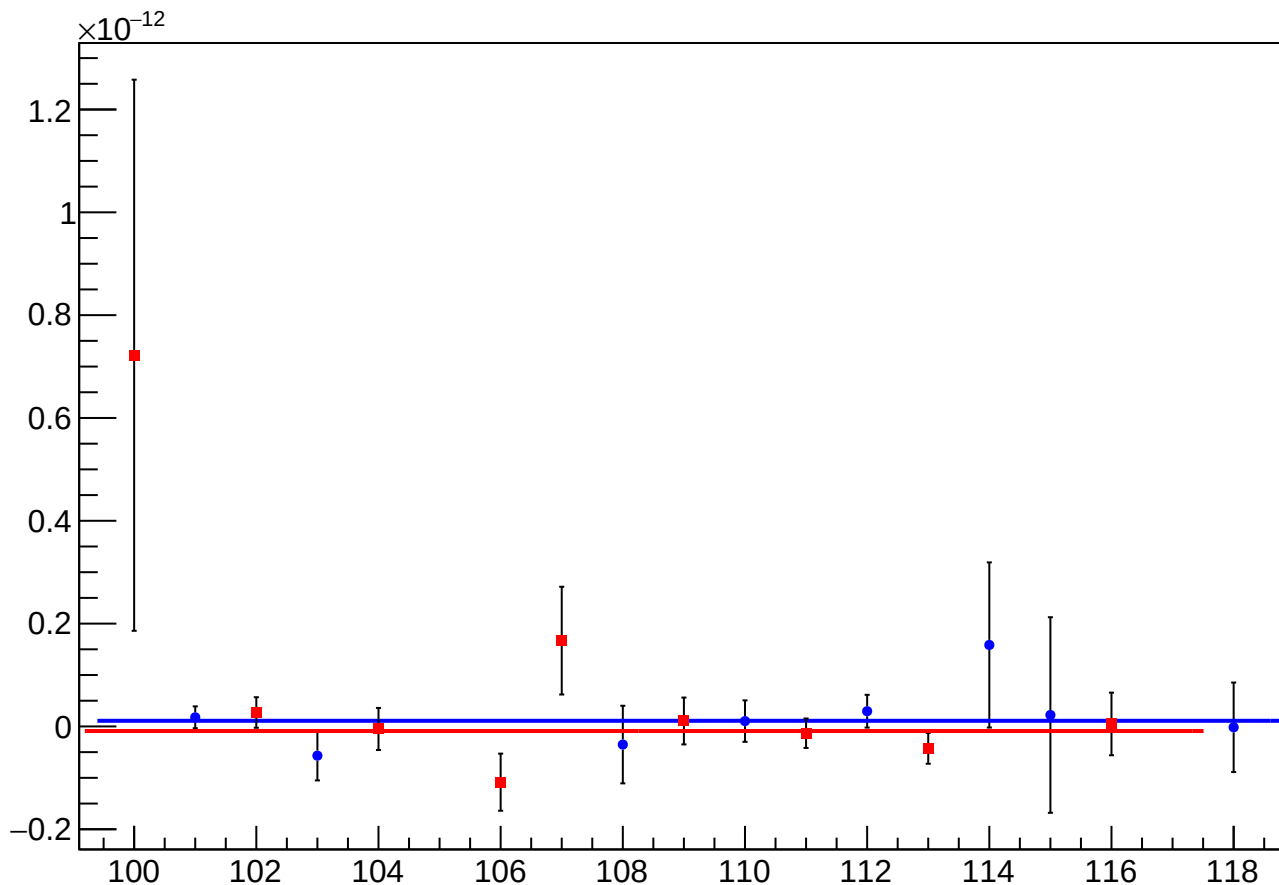
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 442.134+/-0.124 χ^2/NDF : 820979.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



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 : 10.9/8

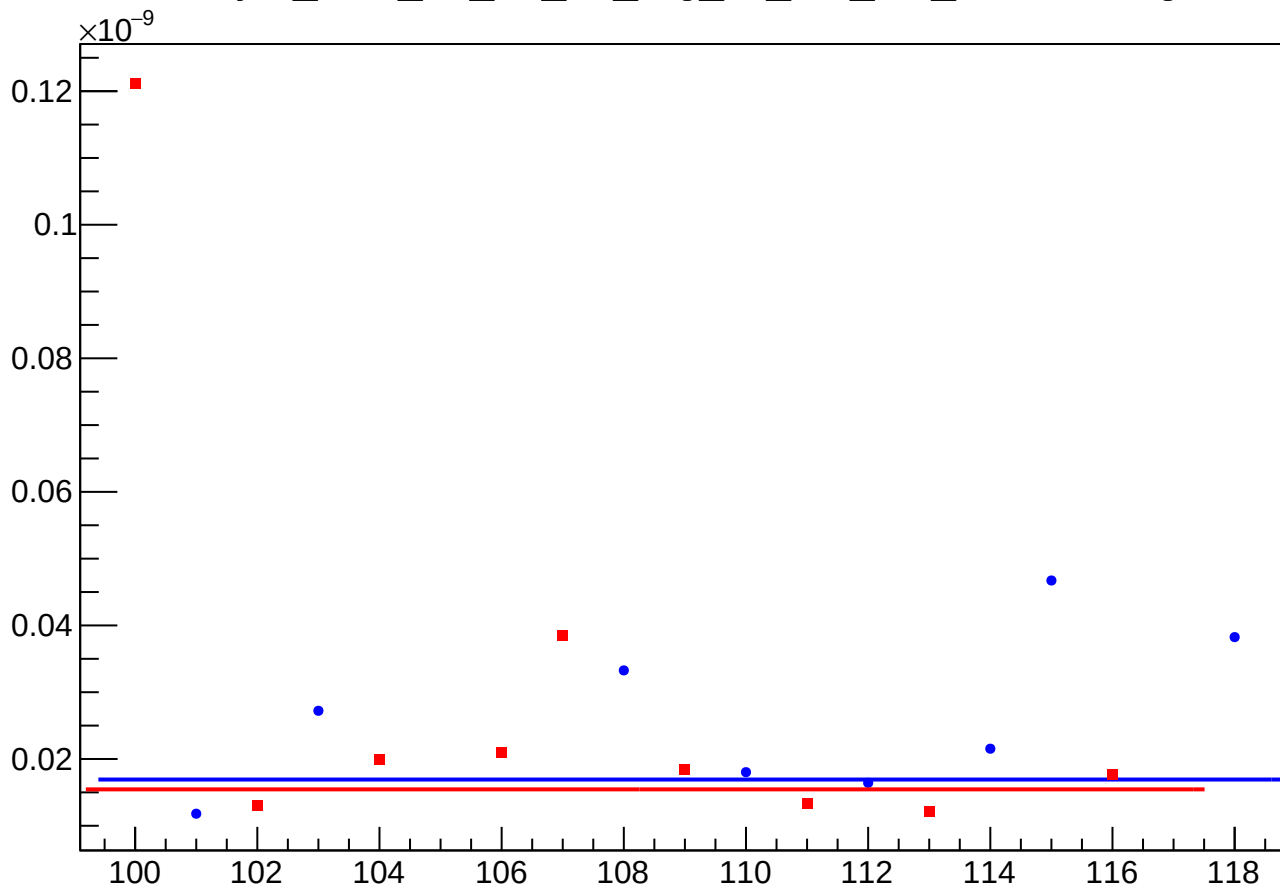
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 473982.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 275339.9/8

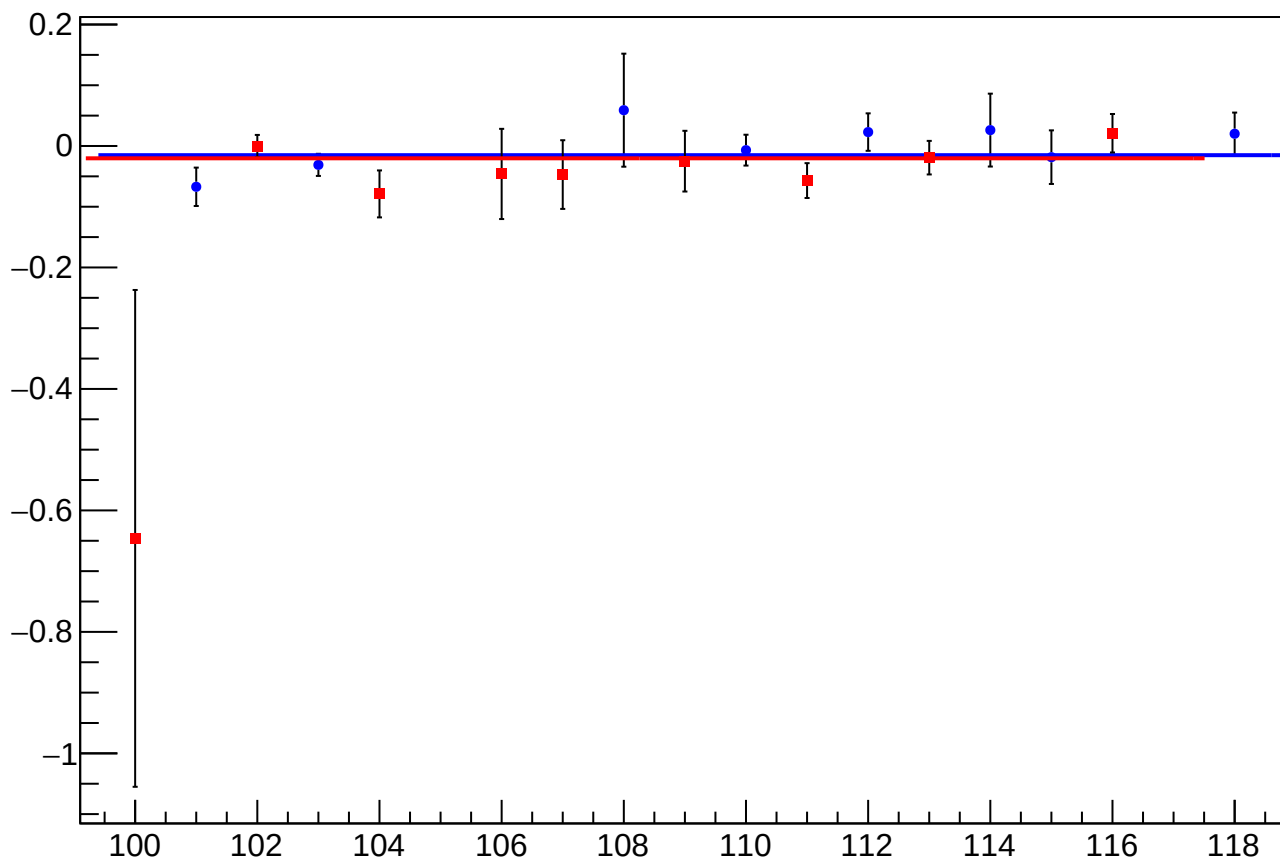
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 759965.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



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: -0.020 $\pm$ 0.011 χ^2 /NDF: 9.5/8

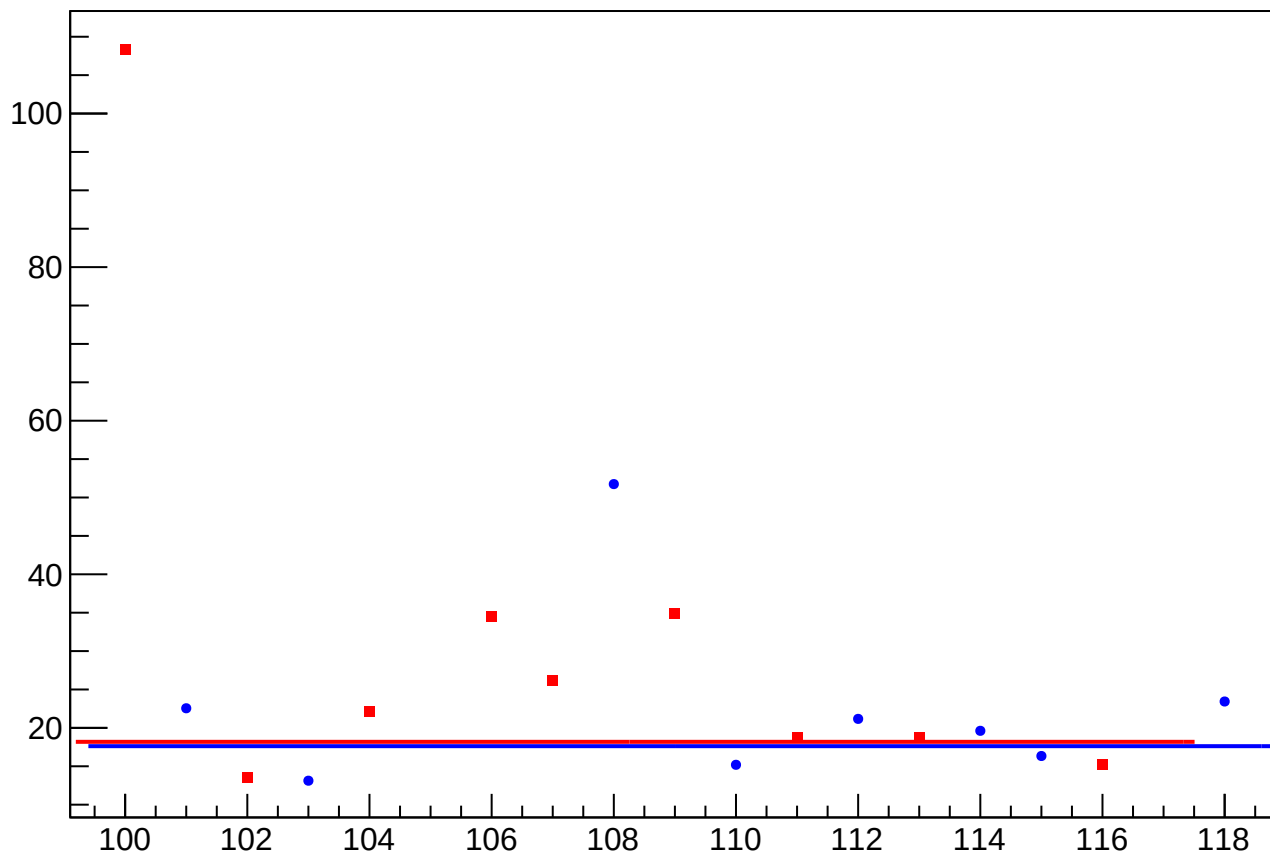
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.008 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug



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: 18.185+/-0.008 χ^2/NDF : 620408.8/8

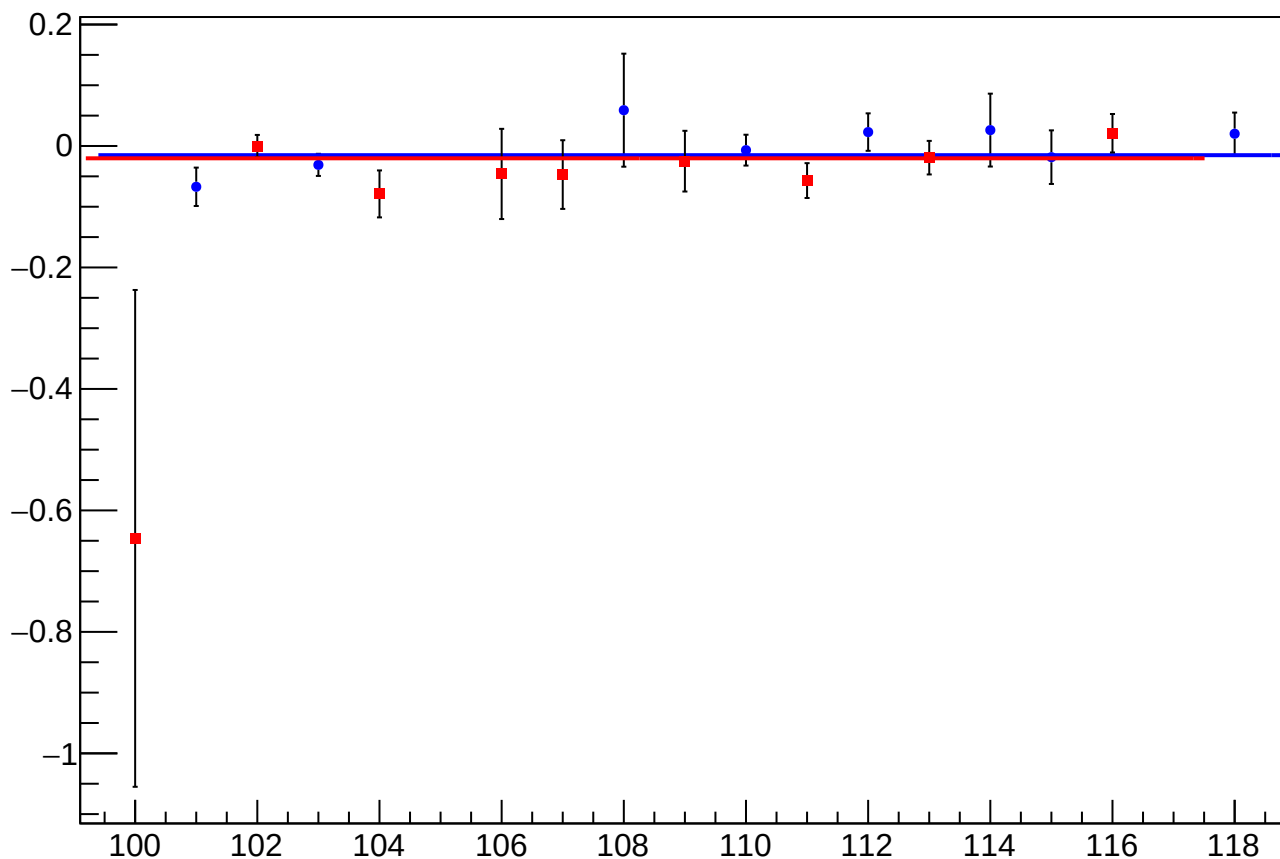
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.897+/-0.006 χ^2/NDF : 1167090.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.020 $\pm$ 0.011 χ^2 /NDF: 9.5/8

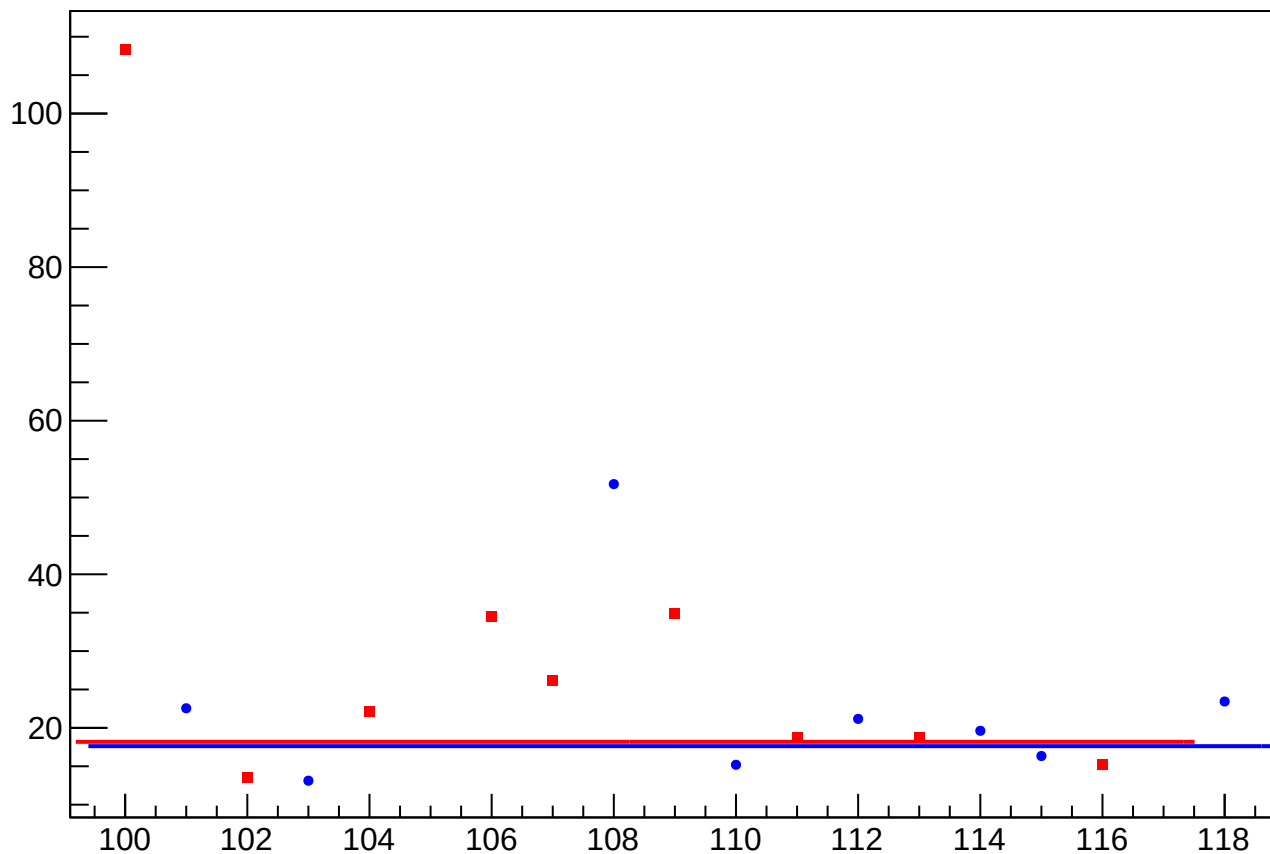
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.008 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 18.185+/-0.008 χ^2/NDF : 620408.8/8

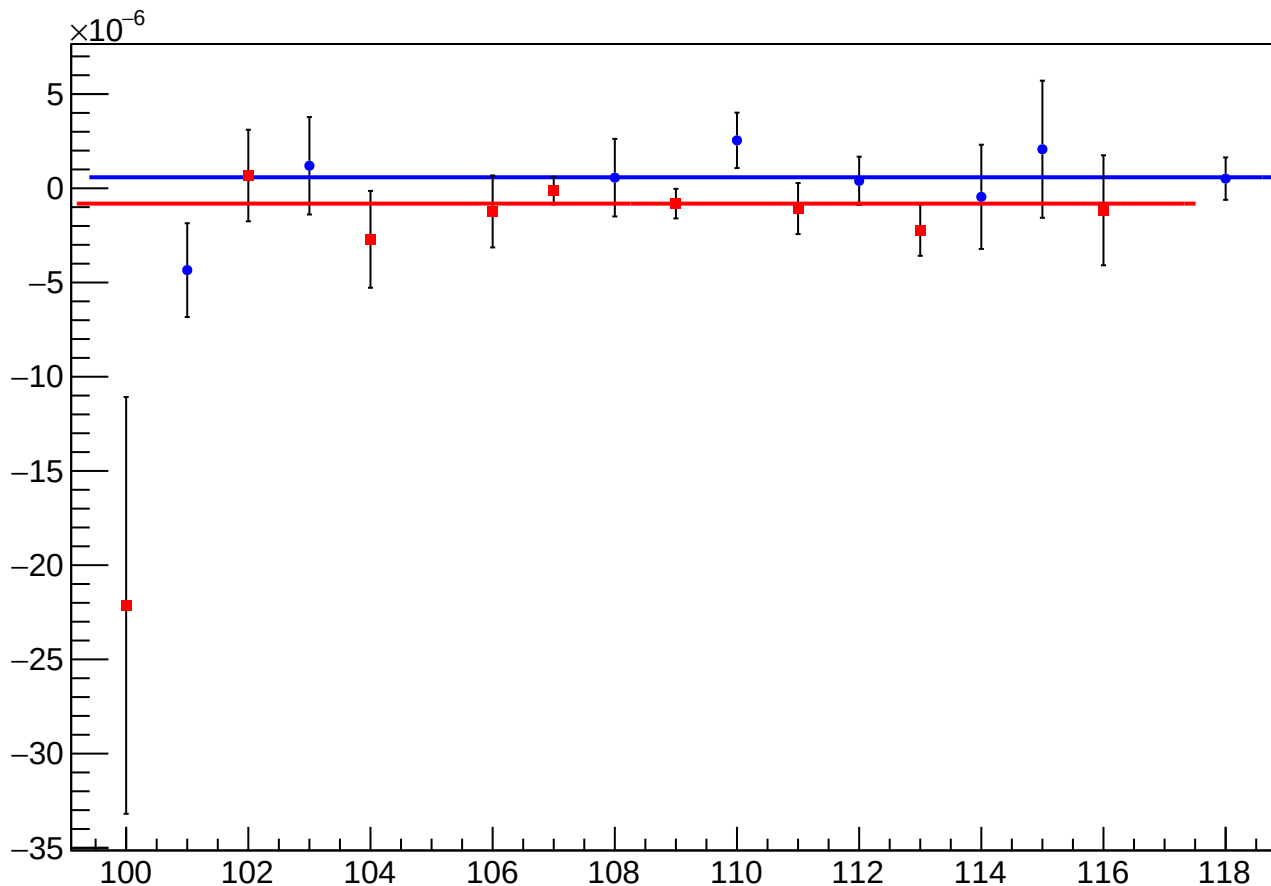
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.897+/-0.006 χ^2/NDF : 1167090.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/8

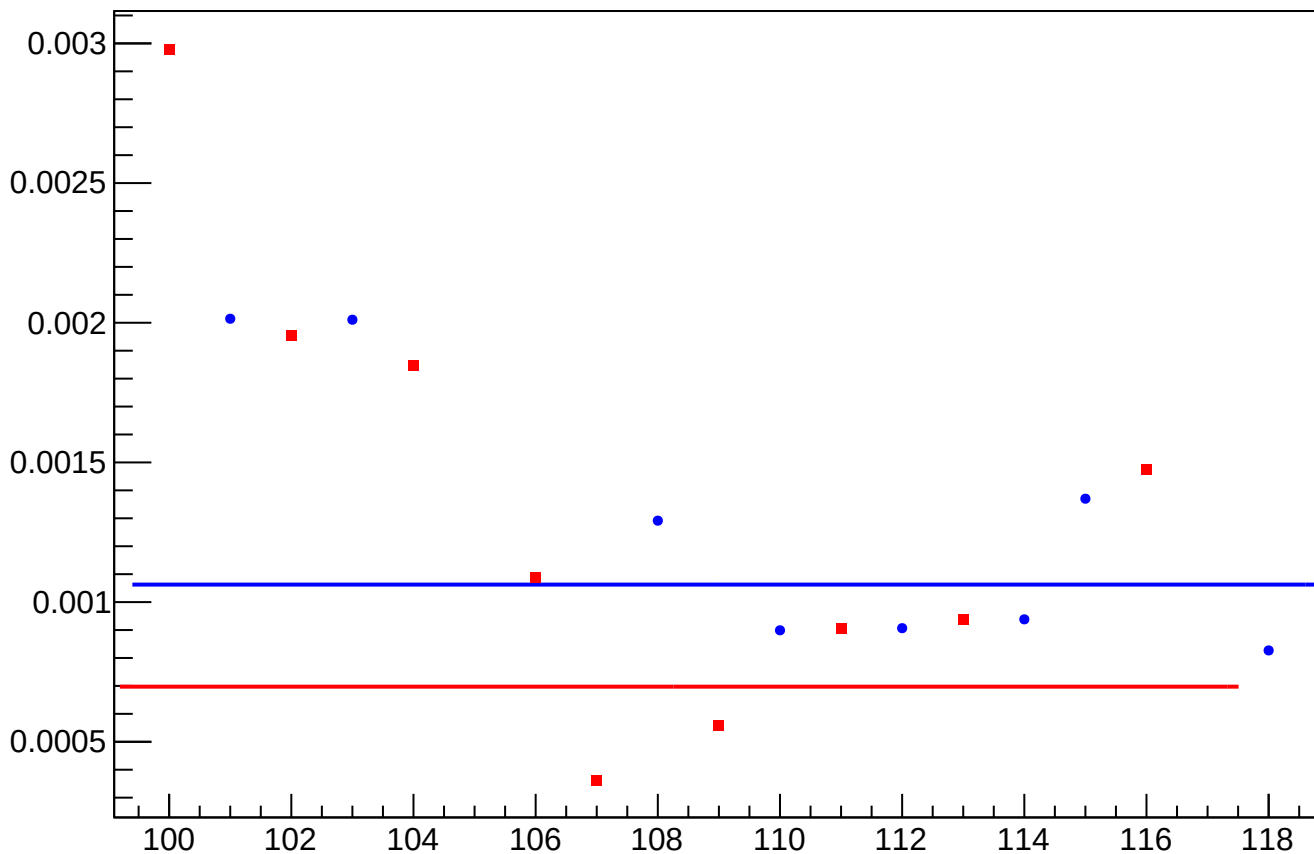
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1837560.8/8

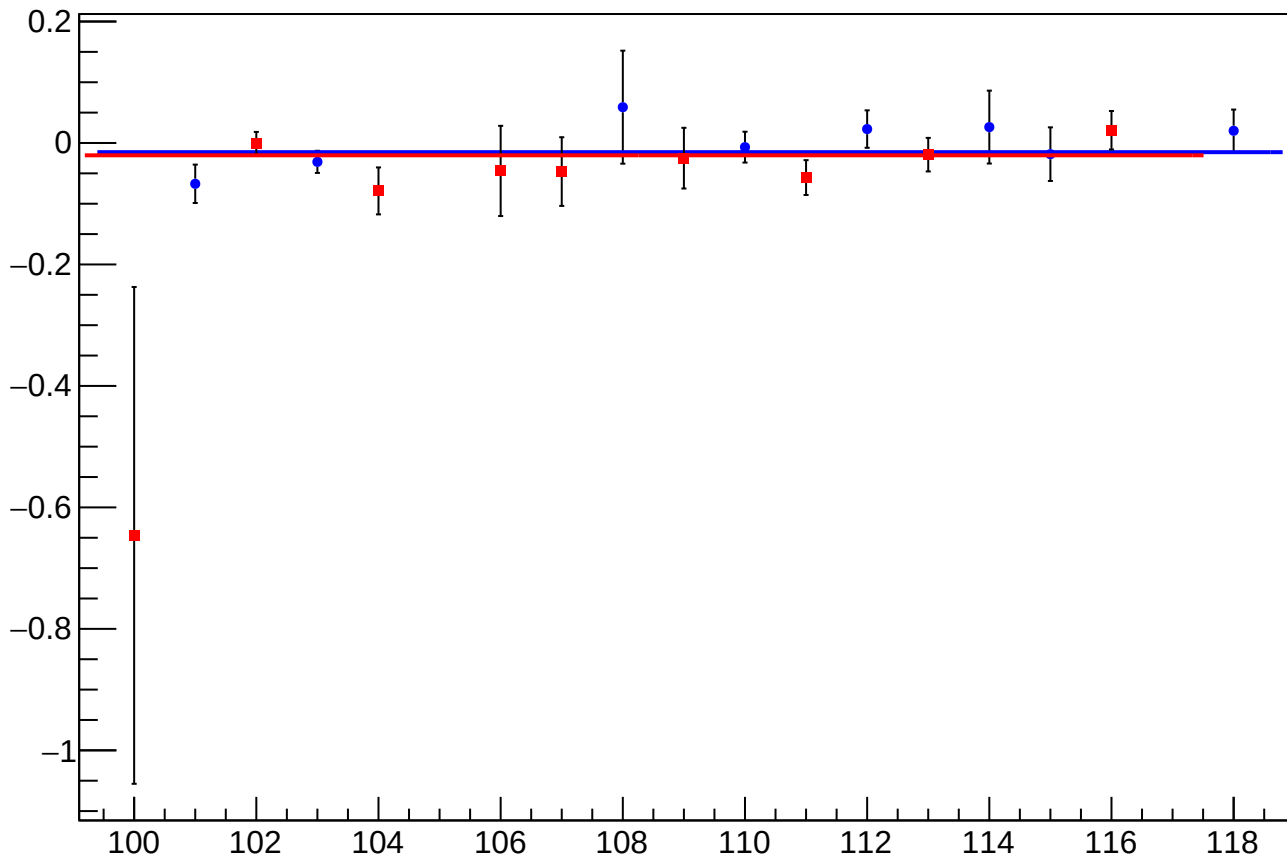
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3051053.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.020 $\pm$ 0.011 χ^2 /NDF: 9.5/8

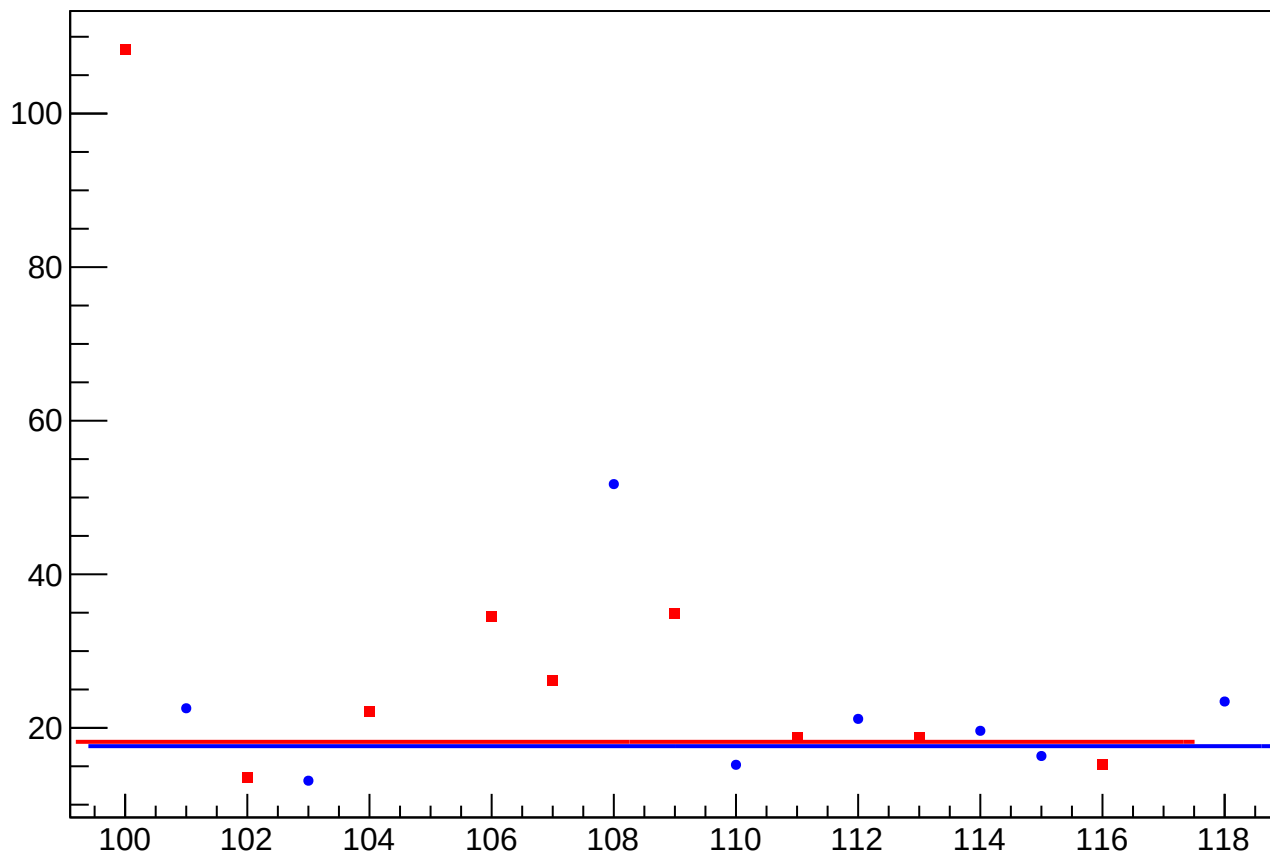
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.008 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 18.186+/-0.008 χ^2/NDF : 620323.4/8

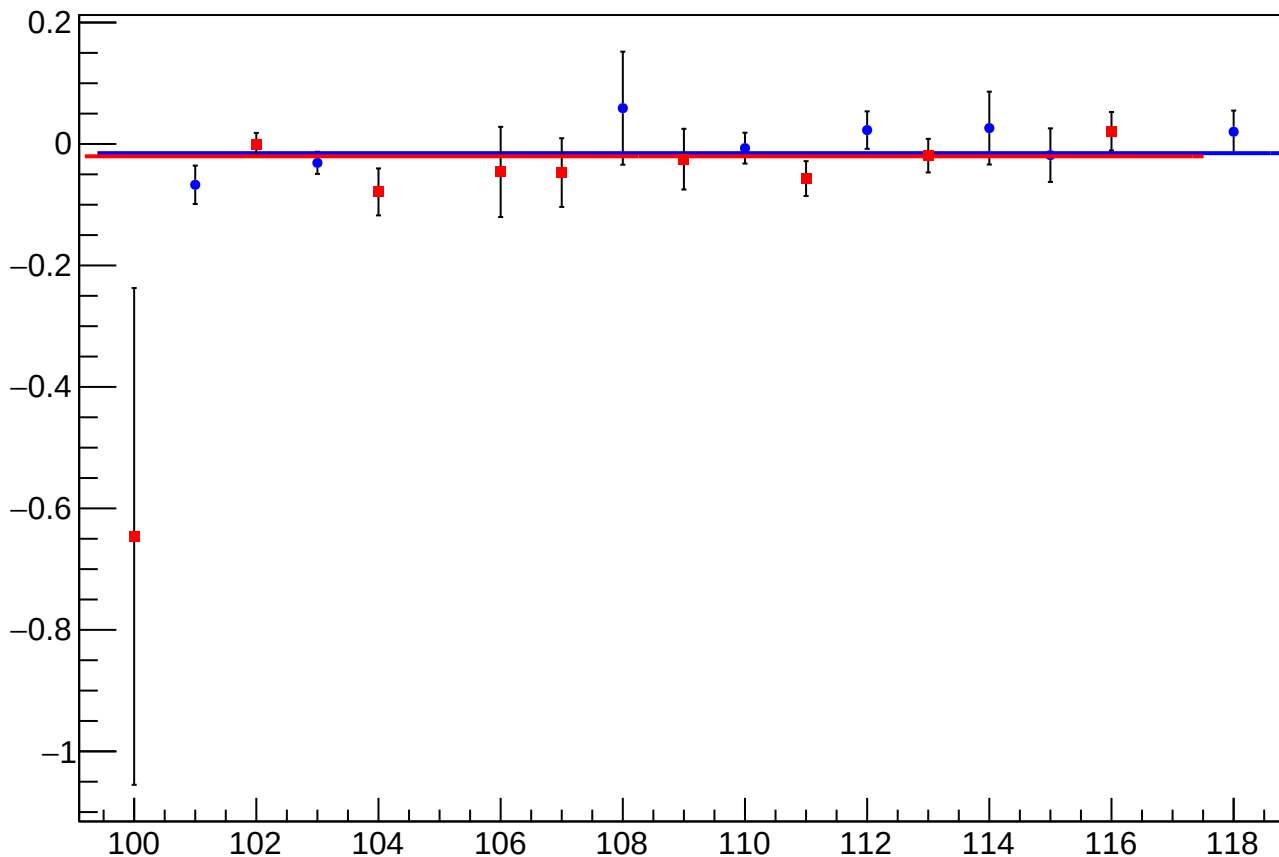
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.898+/-0.006 χ^2/NDF : 1166974.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.020 $\pm$ 0.011 χ^2 /NDF: 9.5/8

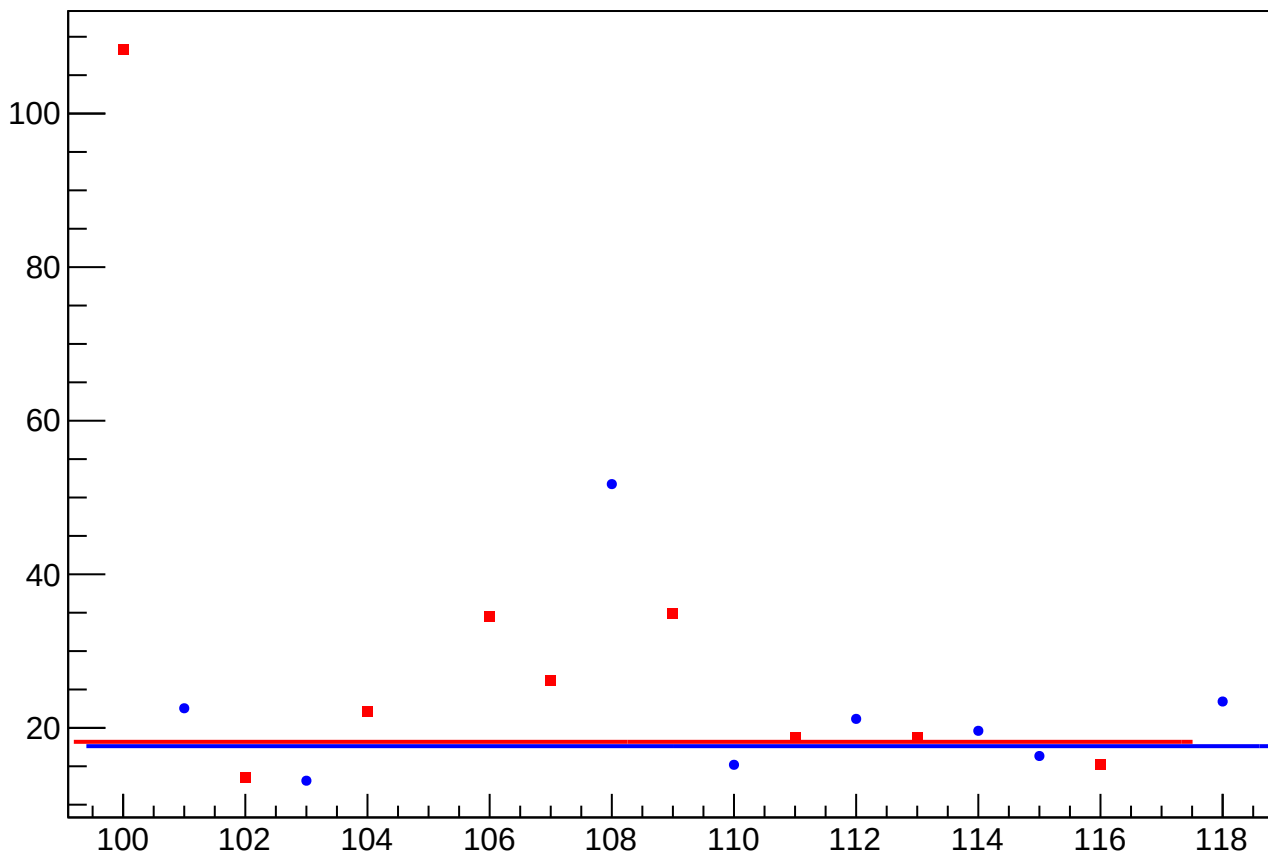
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.008 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 18.186+/-0.008 χ^2/NDF : 620323.4/8

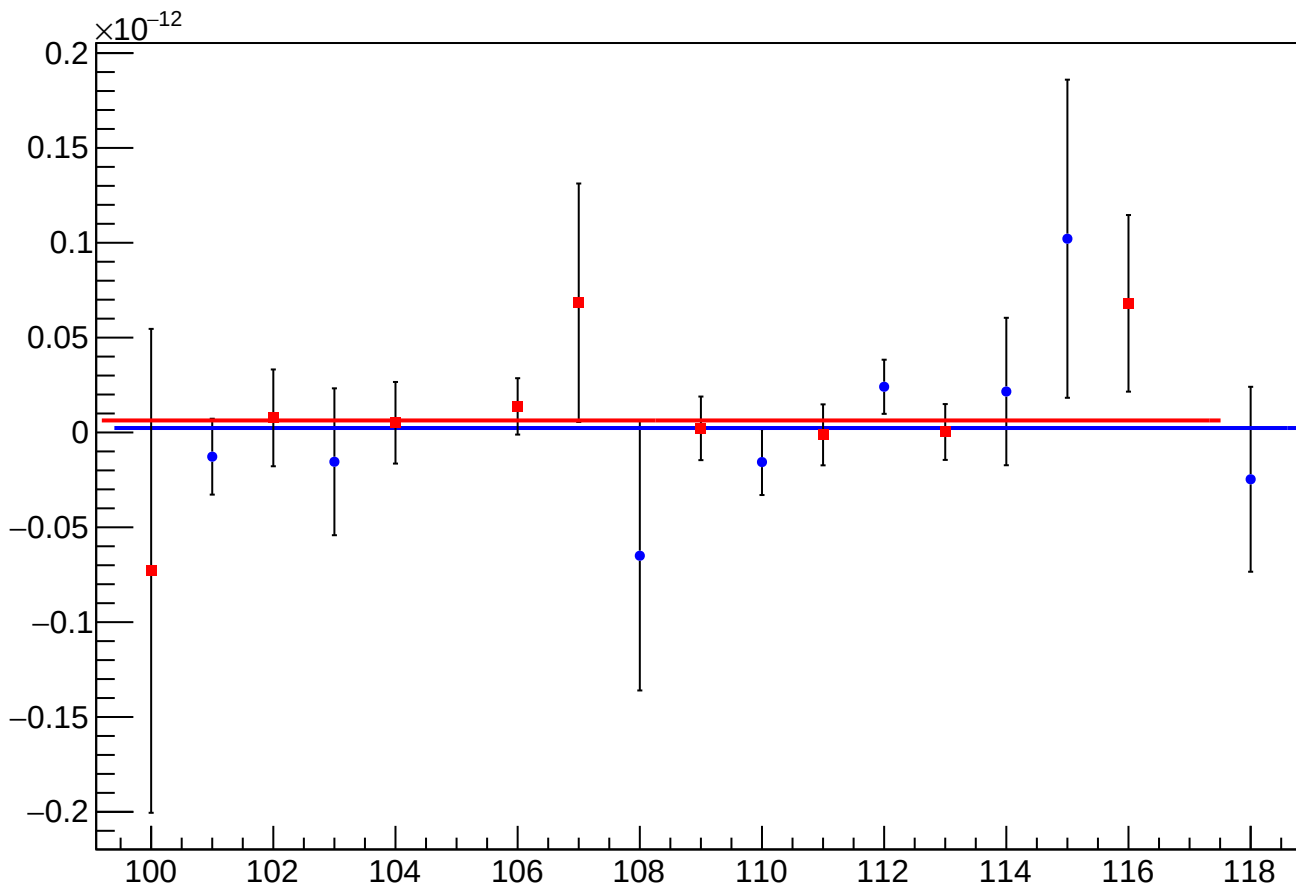
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.898+/-0.006 χ^2/NDF : 1166974.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/8

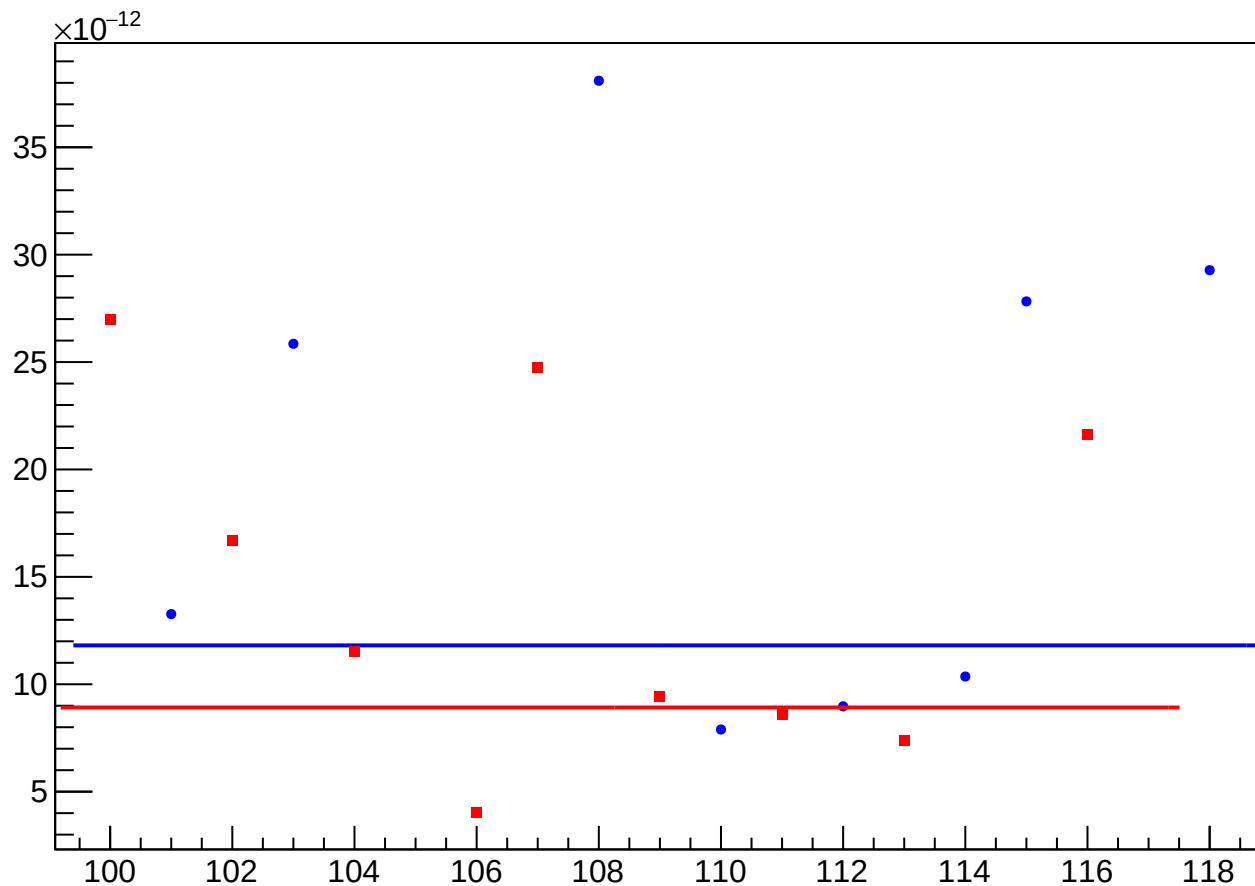
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 772490.7/8

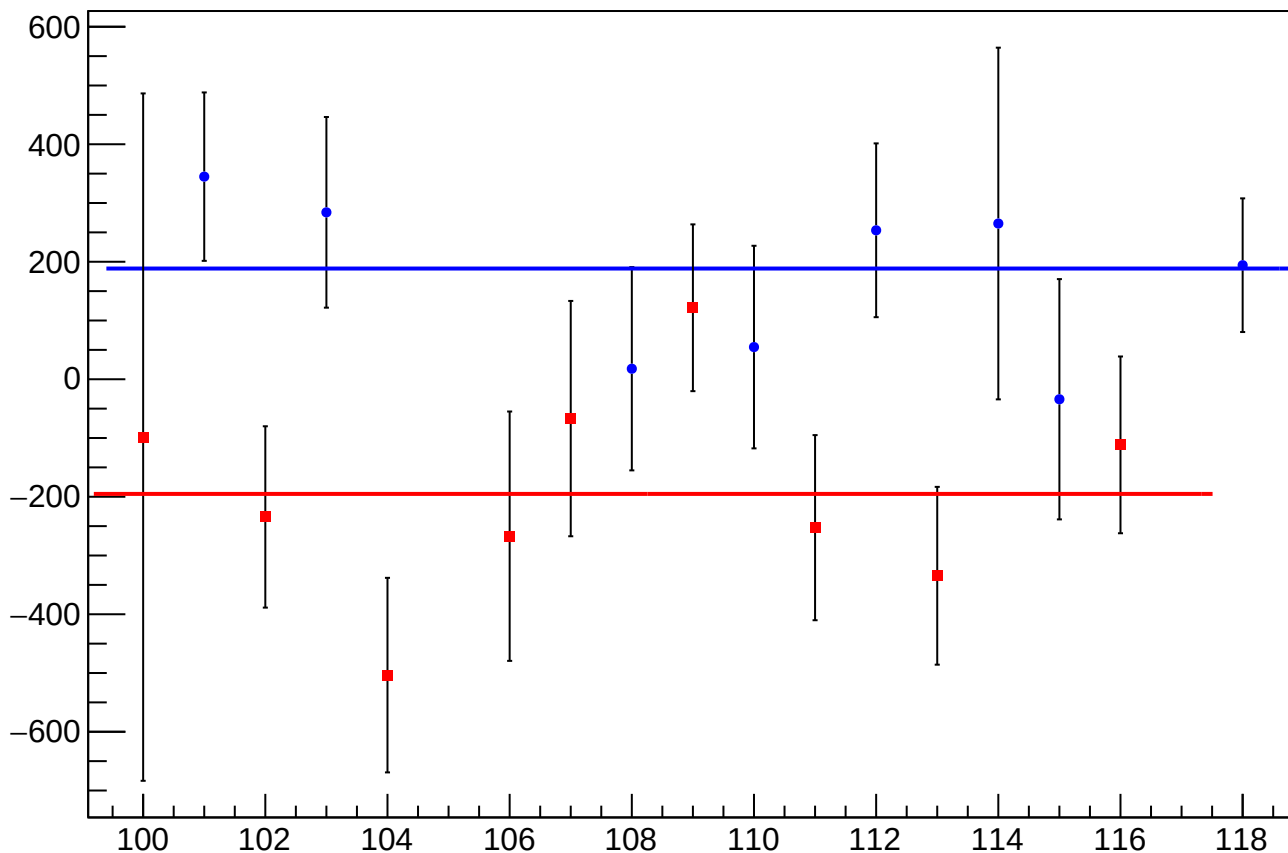
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1966346.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 188.454 $\pm$ 56.635 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -195.160 $\pm$ 57.139 χ^2 /NDF: 10.4/8

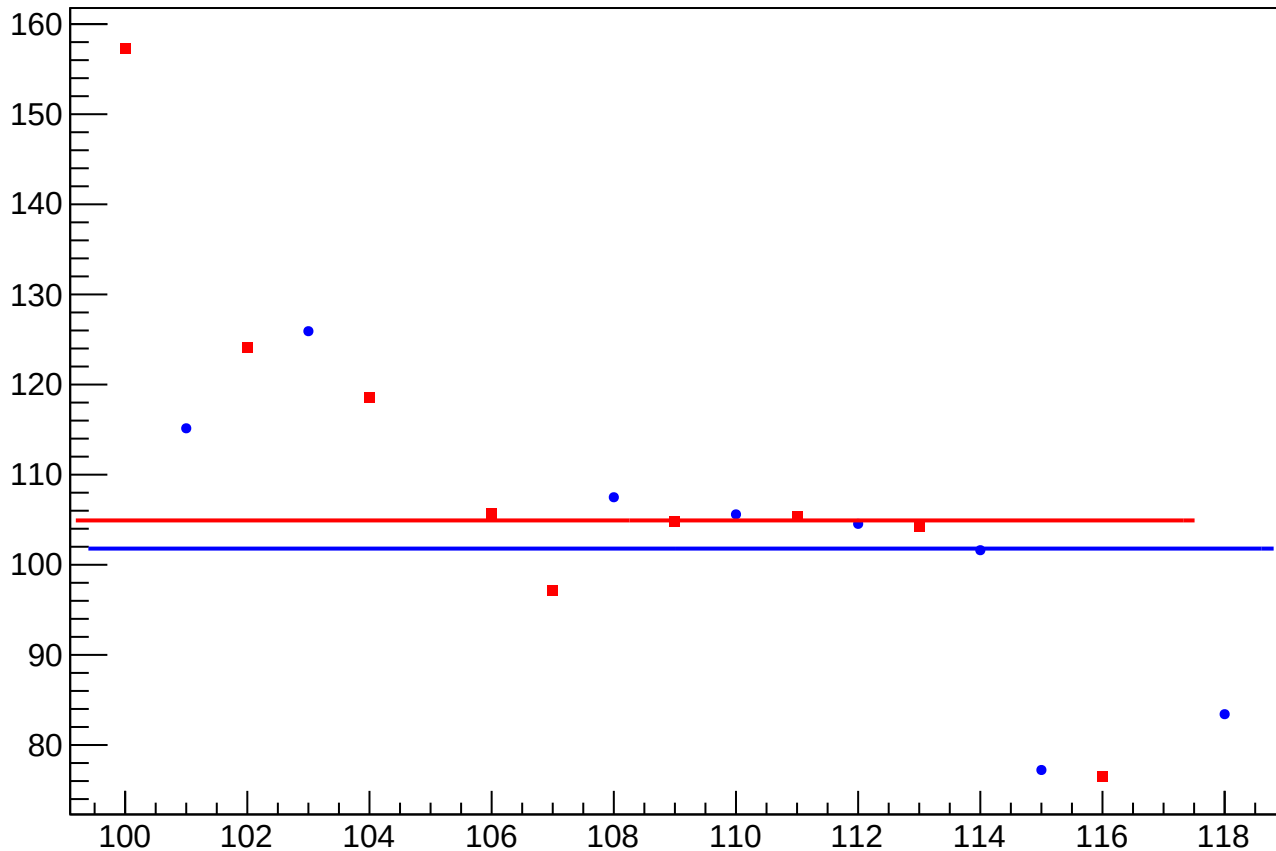
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.653 $\pm$ 40.224 χ^2 /NDF: 37.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



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: 104.921 $\pm$ 0.040 χ^2 /NDF: 135041.6/8

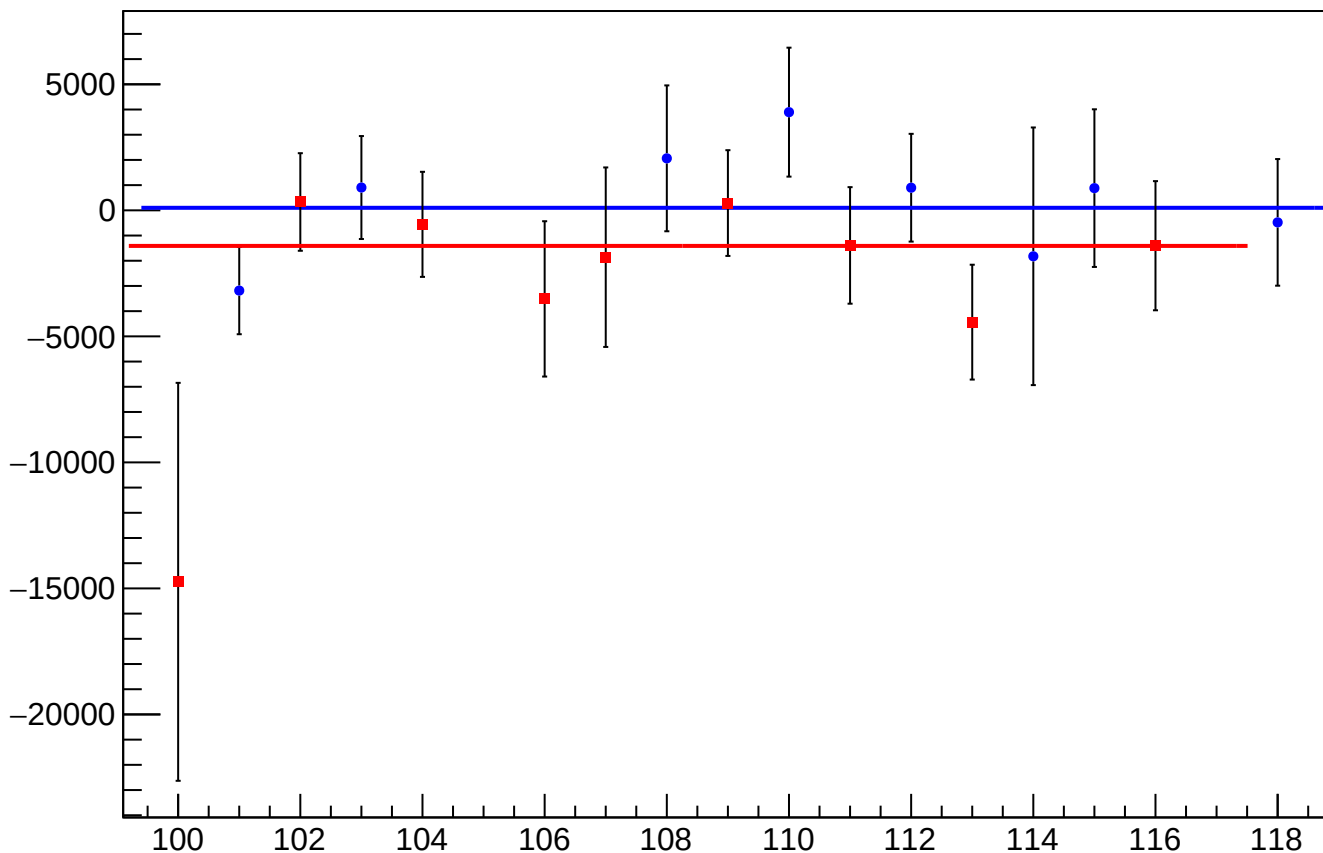
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.345 $\pm$ 0.028 χ^2 /NDF: 284499.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



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: -1411.348+/-828.571 χ^2/NDF : 6.7/8

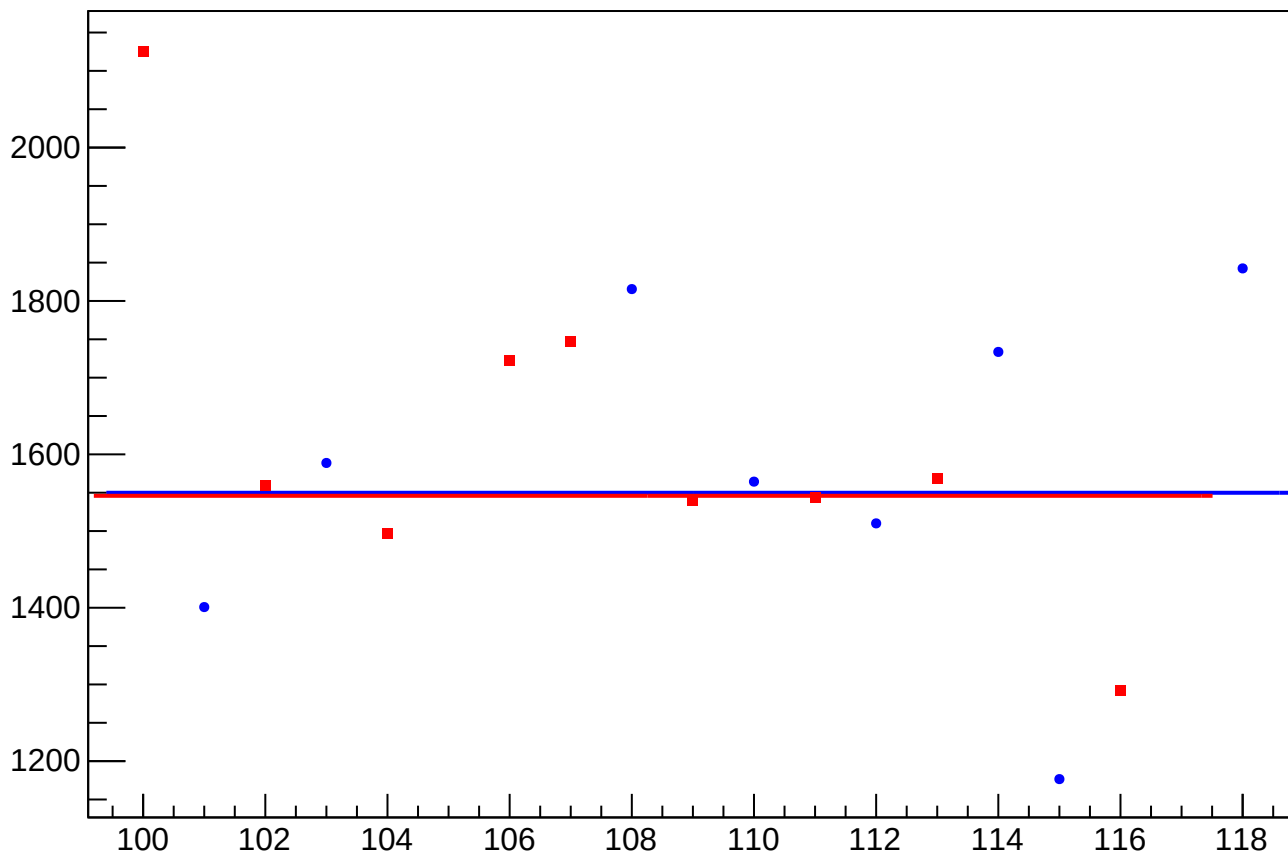
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -680.323+/-595.482 χ^2/NDF : 15.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1549.922 $\pm$ 0.606 χ^2 /NDF: 91359.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1545.966 $\pm$ 0.586 χ^2 /NDF: 44729.4/8

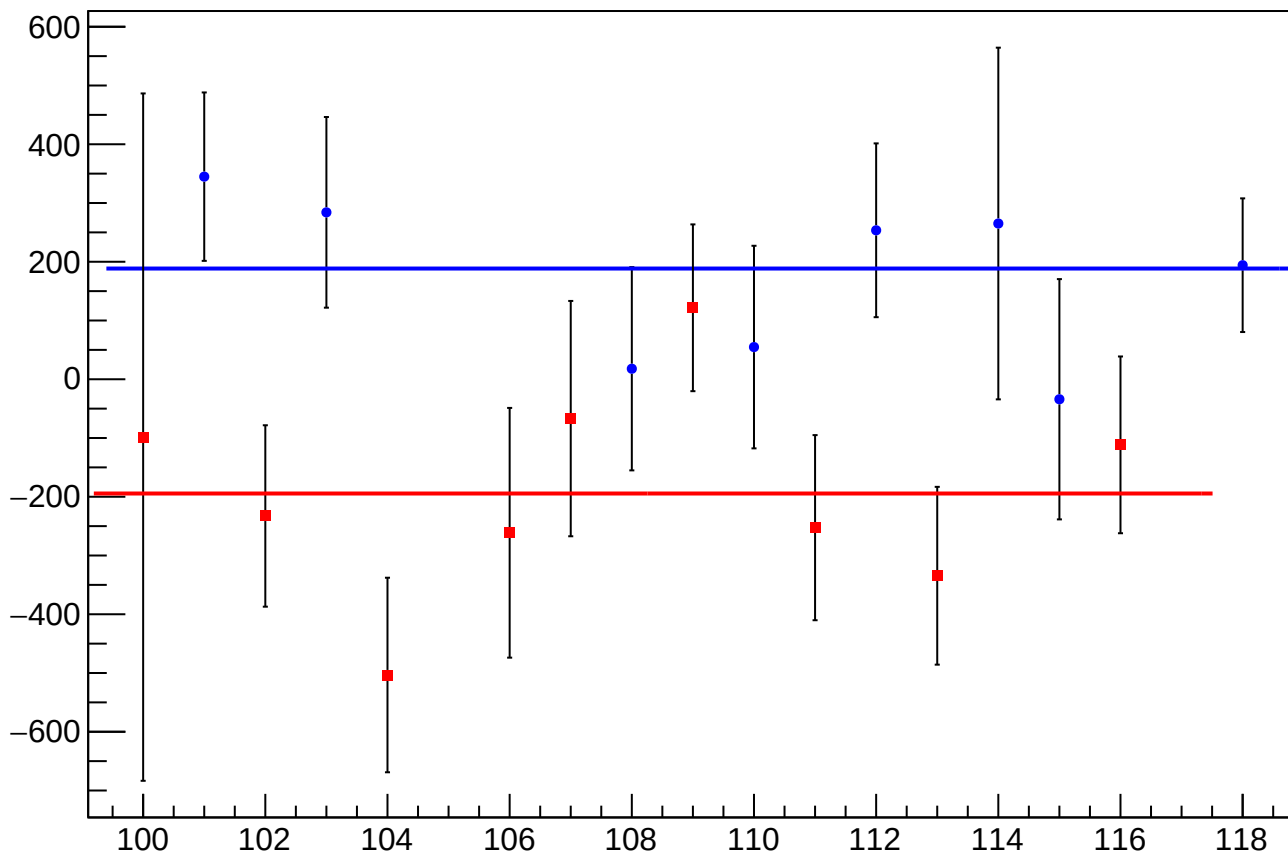
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1547.879 $\pm$ 0.421 χ^2 /NDF: 136111.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 188.455 $\pm$ 56.635 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -194.469 $\pm$ 57.149 χ^2 /NDF: 10.3/8

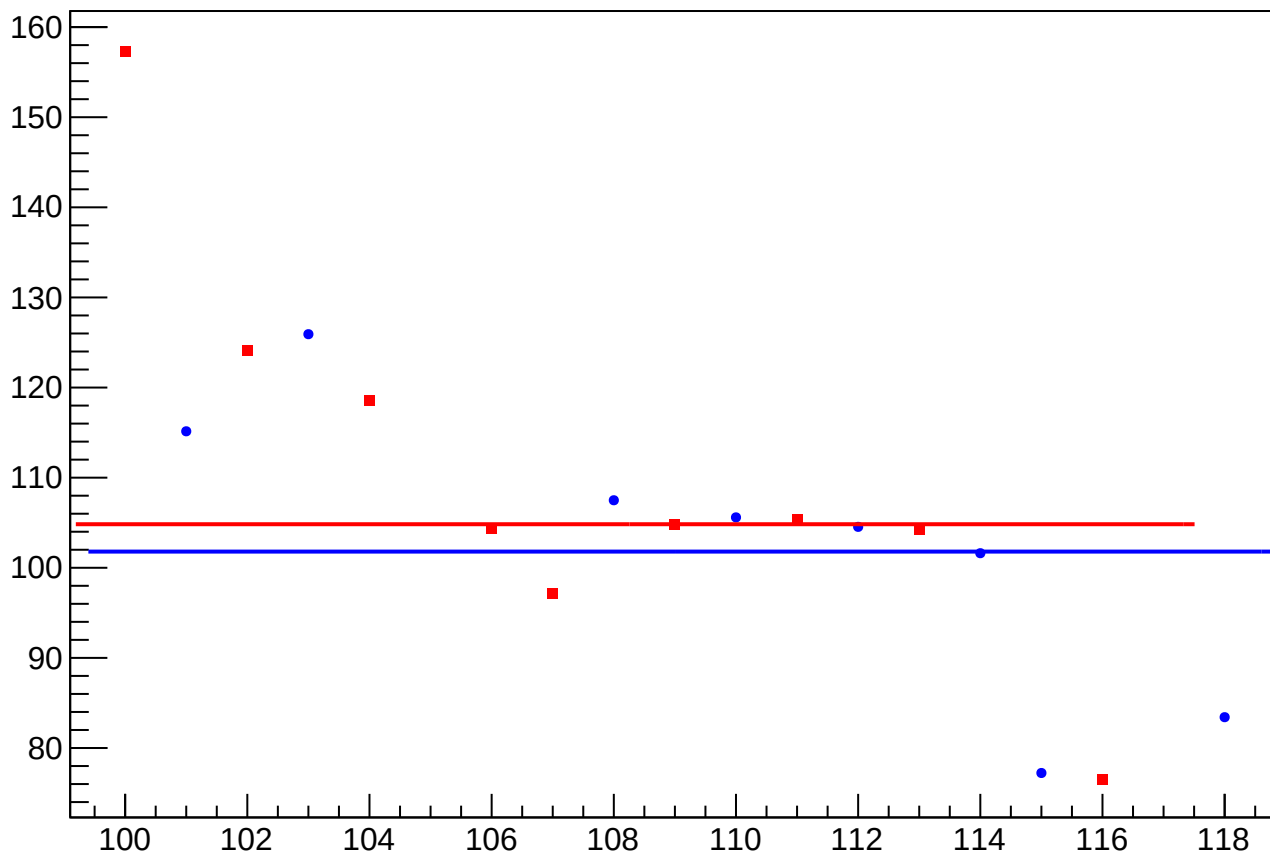
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.276 $\pm$ 40.227 χ^2 /NDF: 37.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



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: 104.834 $\pm$ 0.040 χ^2 /NDF: 135183.4/8

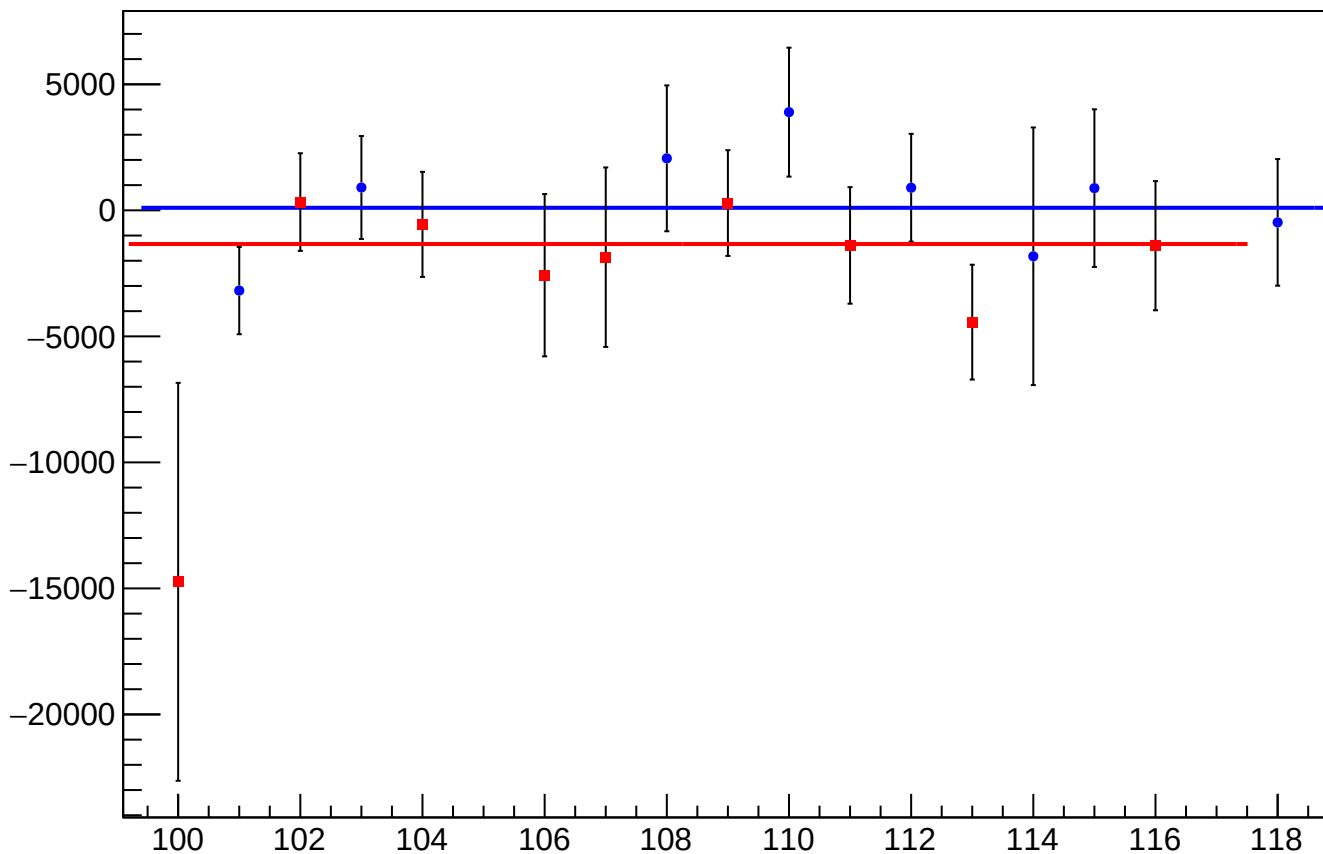
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.302 $\pm$ 0.028 χ^2 /NDF: 284474.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



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: -1336.735 $\pm$ 831.165 χ^2 /NDF: 6.4/8

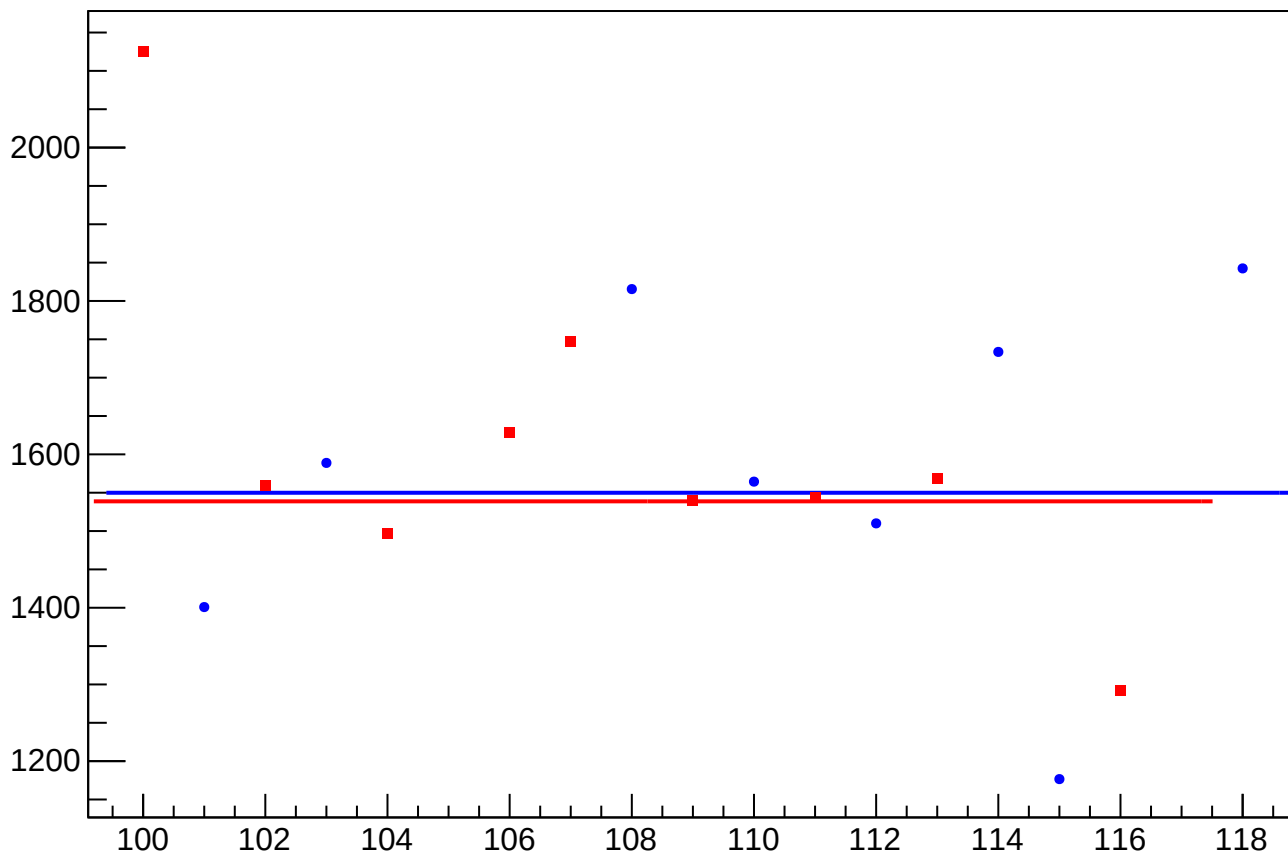
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -639.507 $\pm$ 596.445 χ^2 /NDF: 14.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



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: 1538.735 $\pm$ 0.588 χ^2 /NDF: 39340.6/8

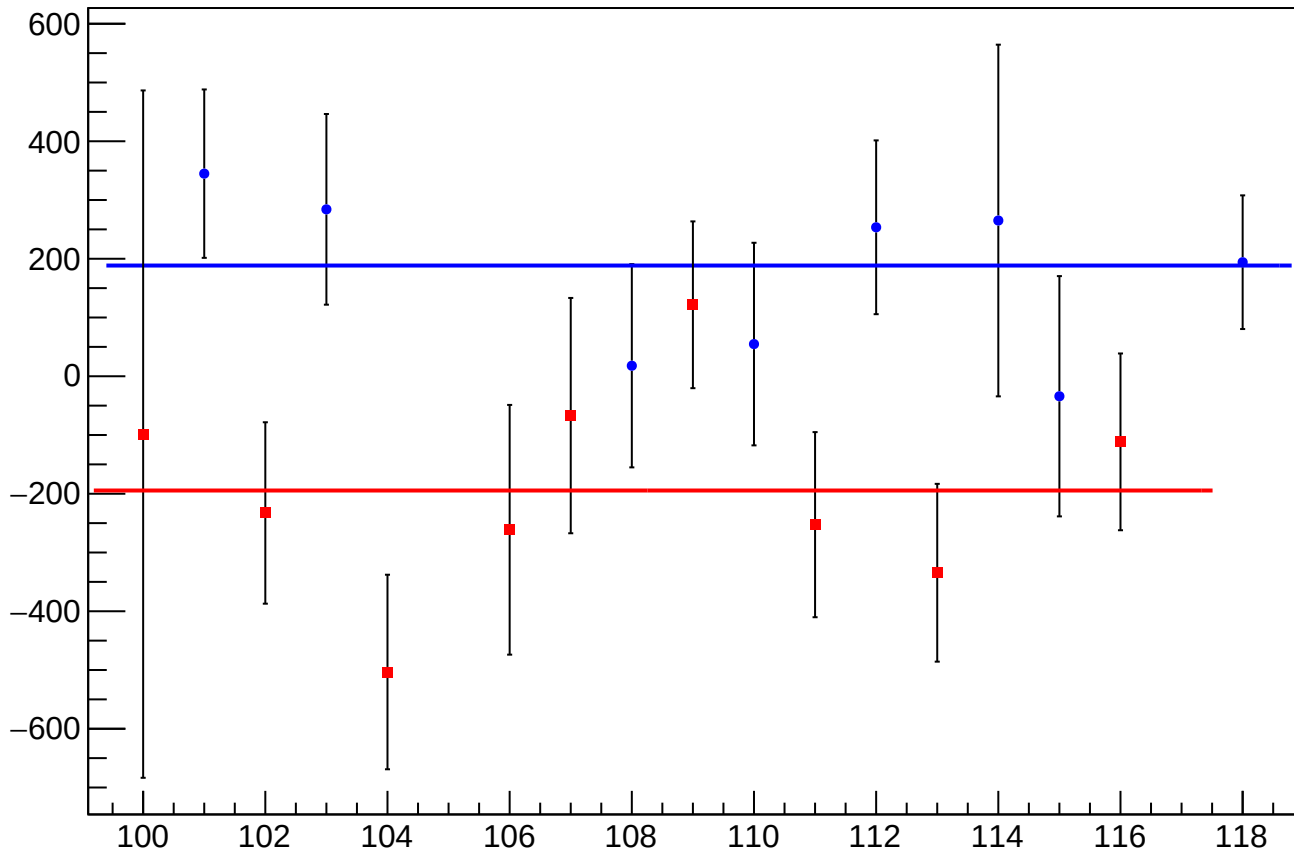
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1544.166 $\pm$ 0.422 χ^2 /NDF: 130879.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 188.455 $\pm$ 56.635 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -194.469 $\pm$ 57.149 χ^2 /NDF: 10.3/8

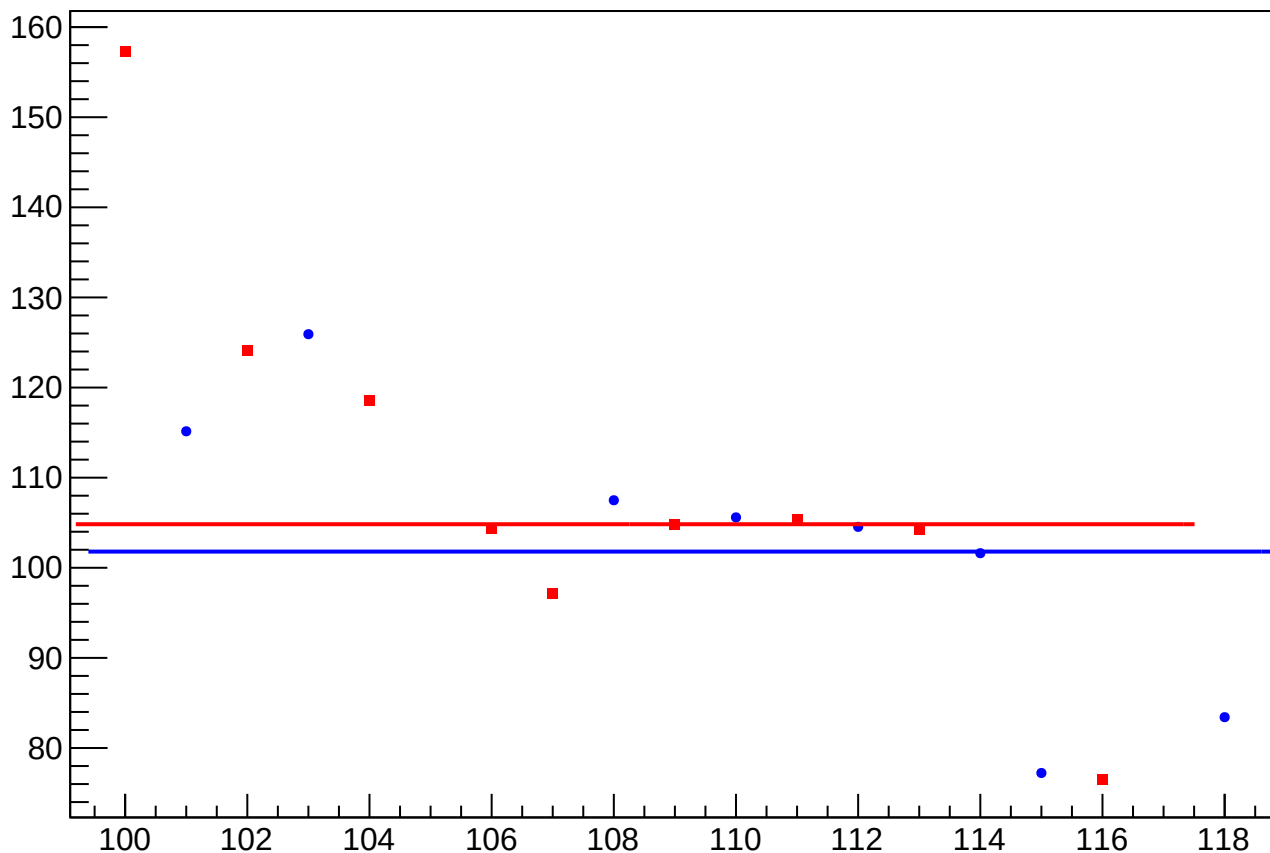
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.276 $\pm$ 40.227 χ^2 /NDF: 37.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



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: 104.834 $\pm$ 0.040 χ^2 /NDF: 135183.4/8

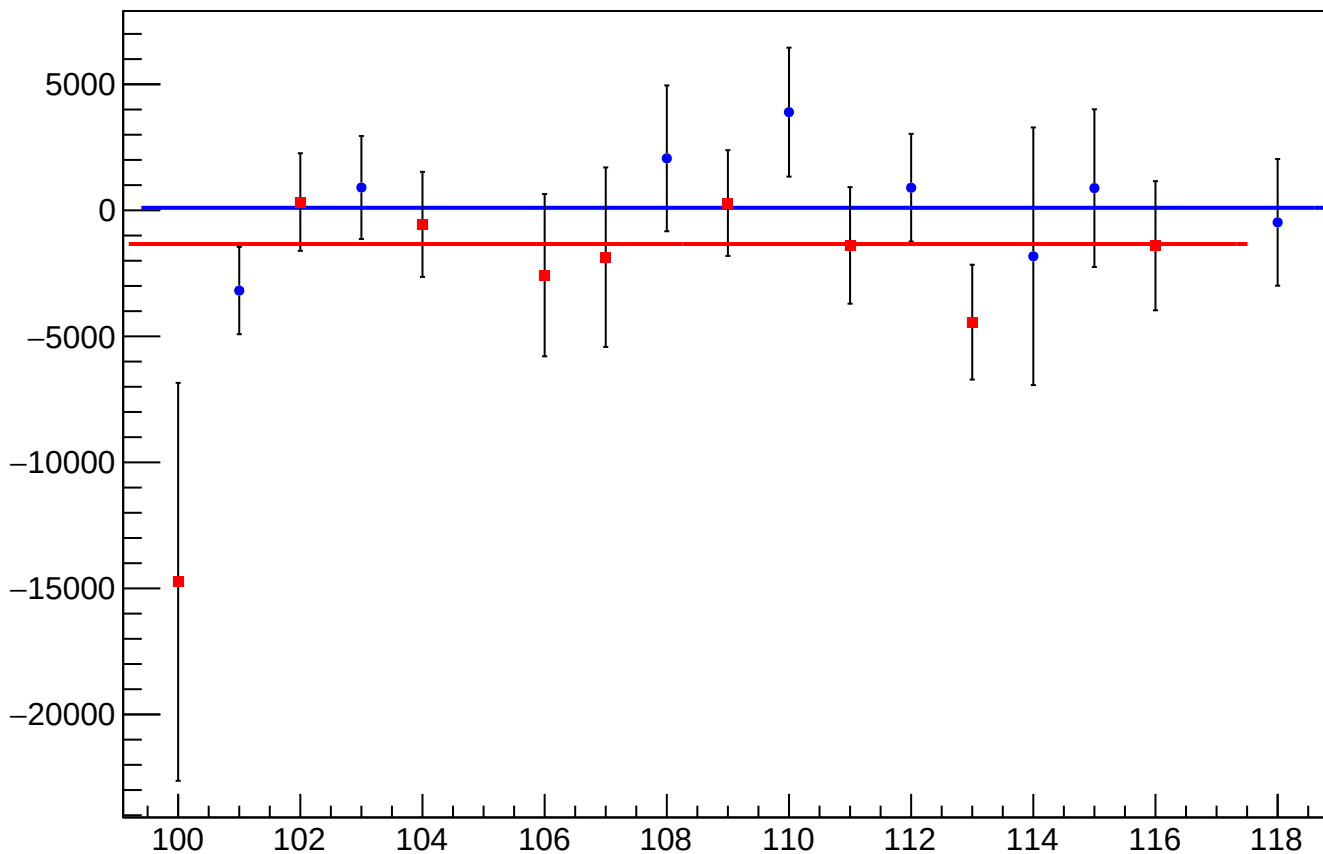
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.302 $\pm$ 0.028 χ^2 /NDF: 284474.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



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: -1336.735 $\pm$ 831.165 χ^2 /NDF: 6.4/8

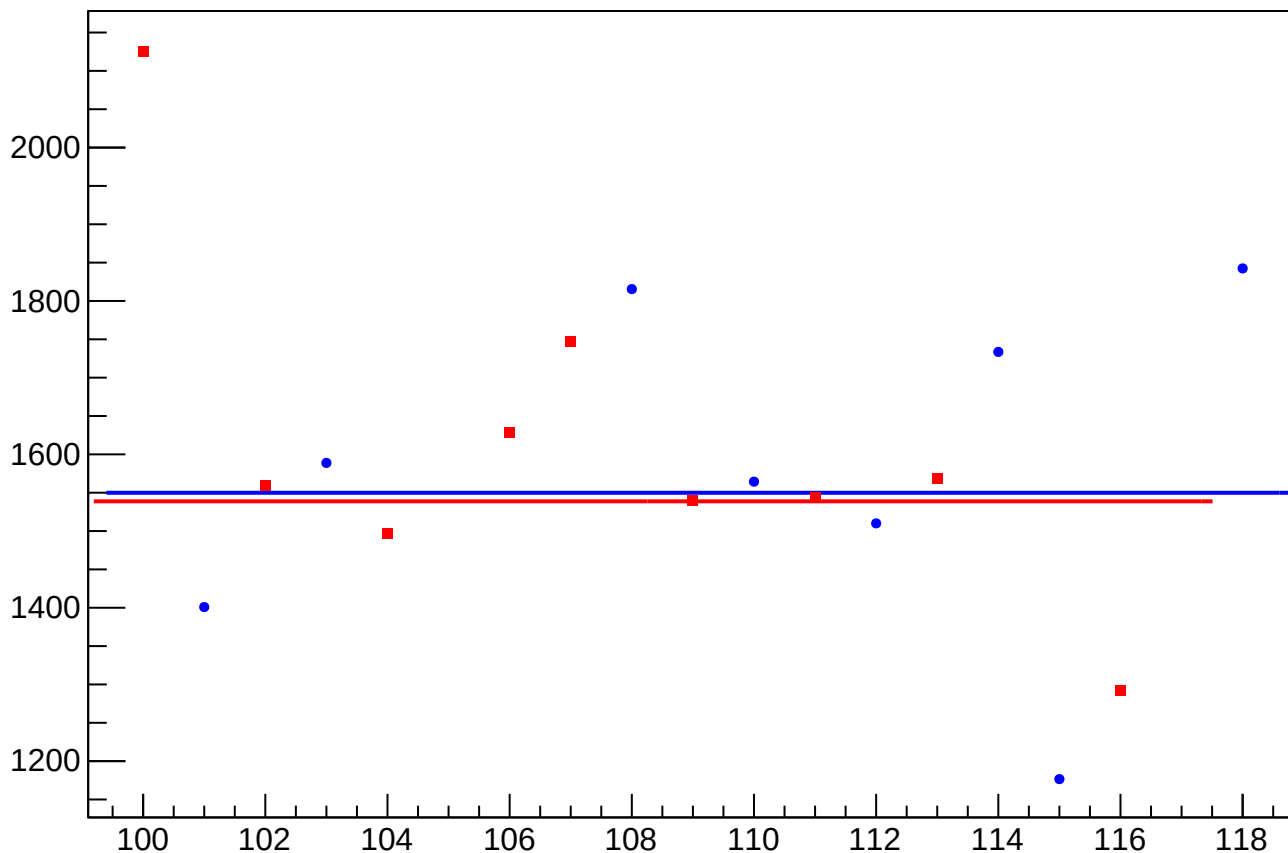
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -639.507 $\pm$ 596.445 χ^2 /NDF: 14.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



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: 1538.735 $\pm$ 0.588 χ^2 /NDF: 39340.6/8

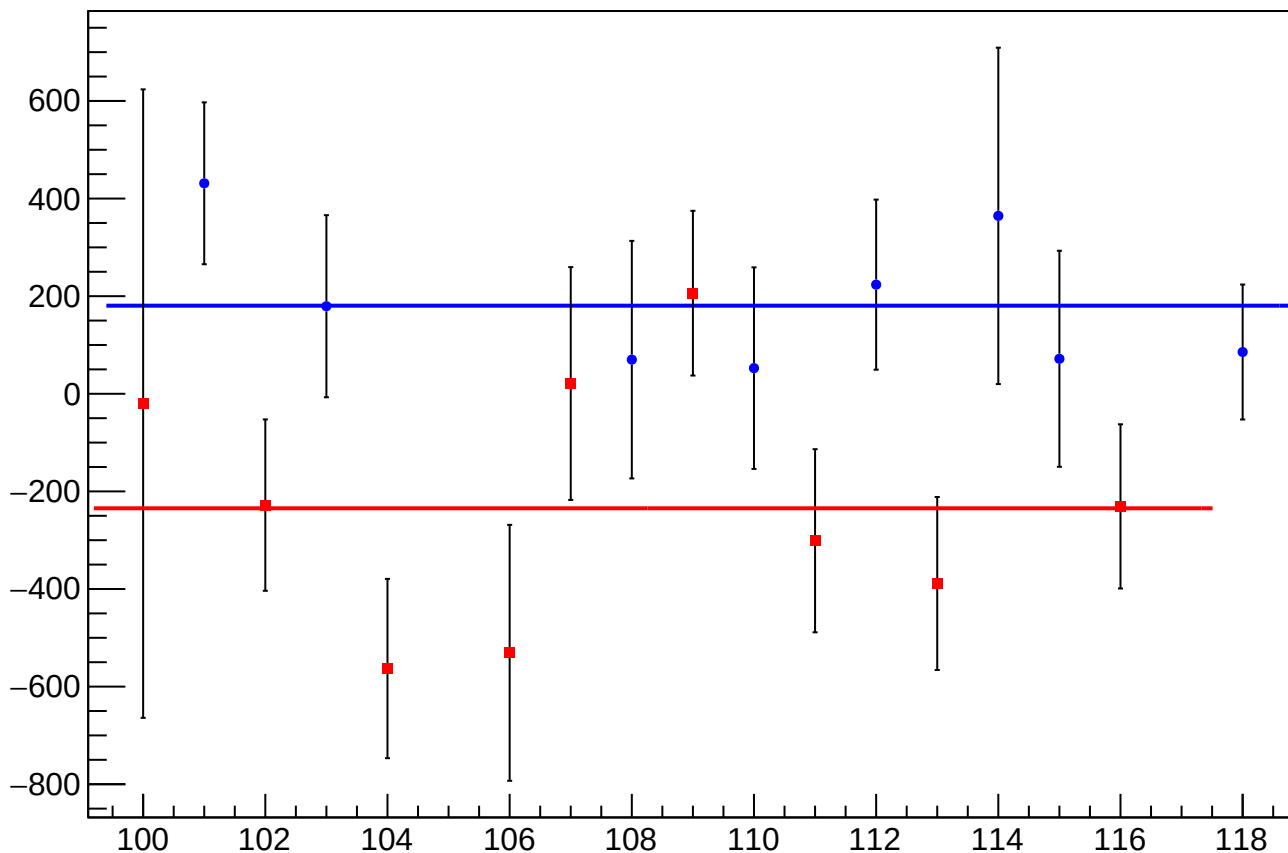
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1544.166 $\pm$ 0.422 χ^2 /NDF: 130879.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



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: -234.628 $\pm$ 66.328 χ^2 /NDF: 13.4/8

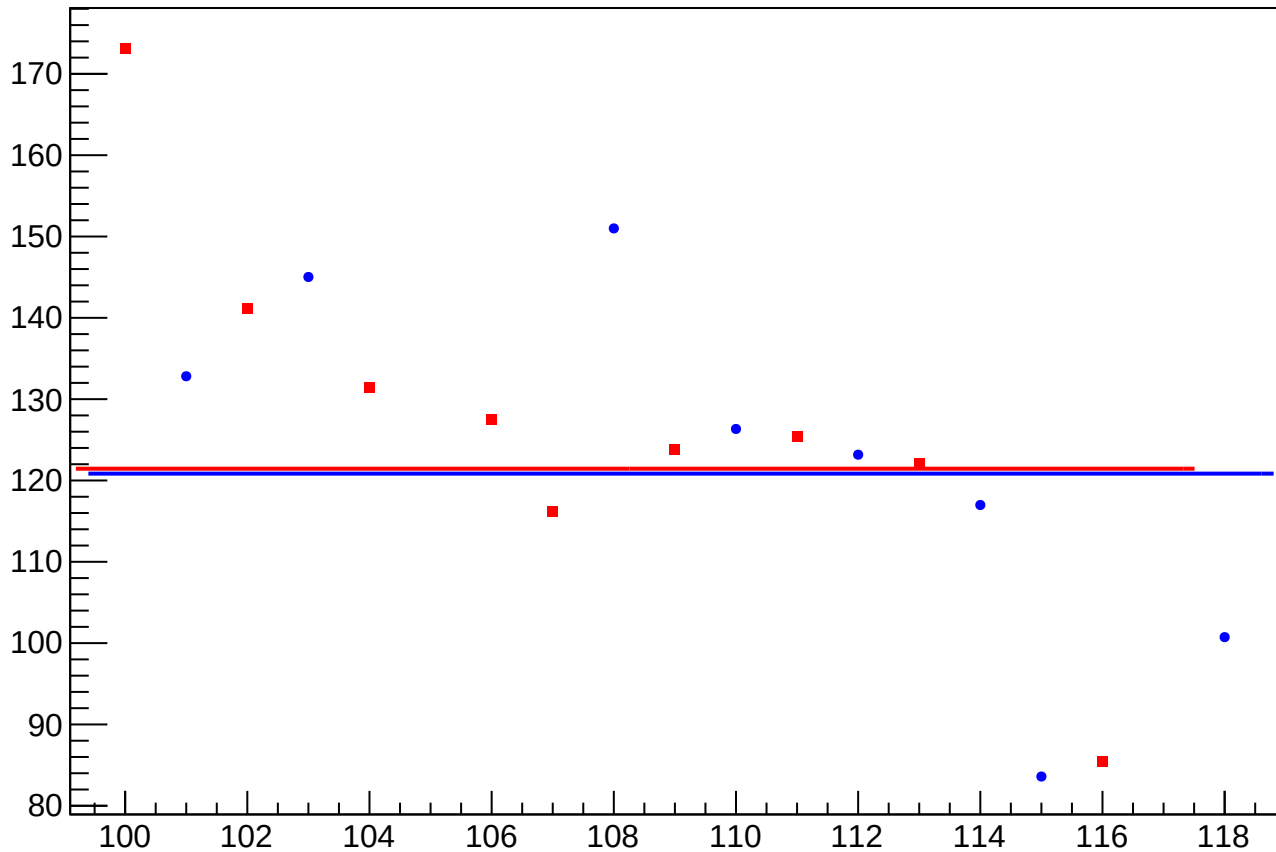
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.676 $\pm$ 47.309 χ^2 /NDF: 36.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



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: 121.450 $\pm$ 0.047 χ^2 /NDF: 138802.8/8

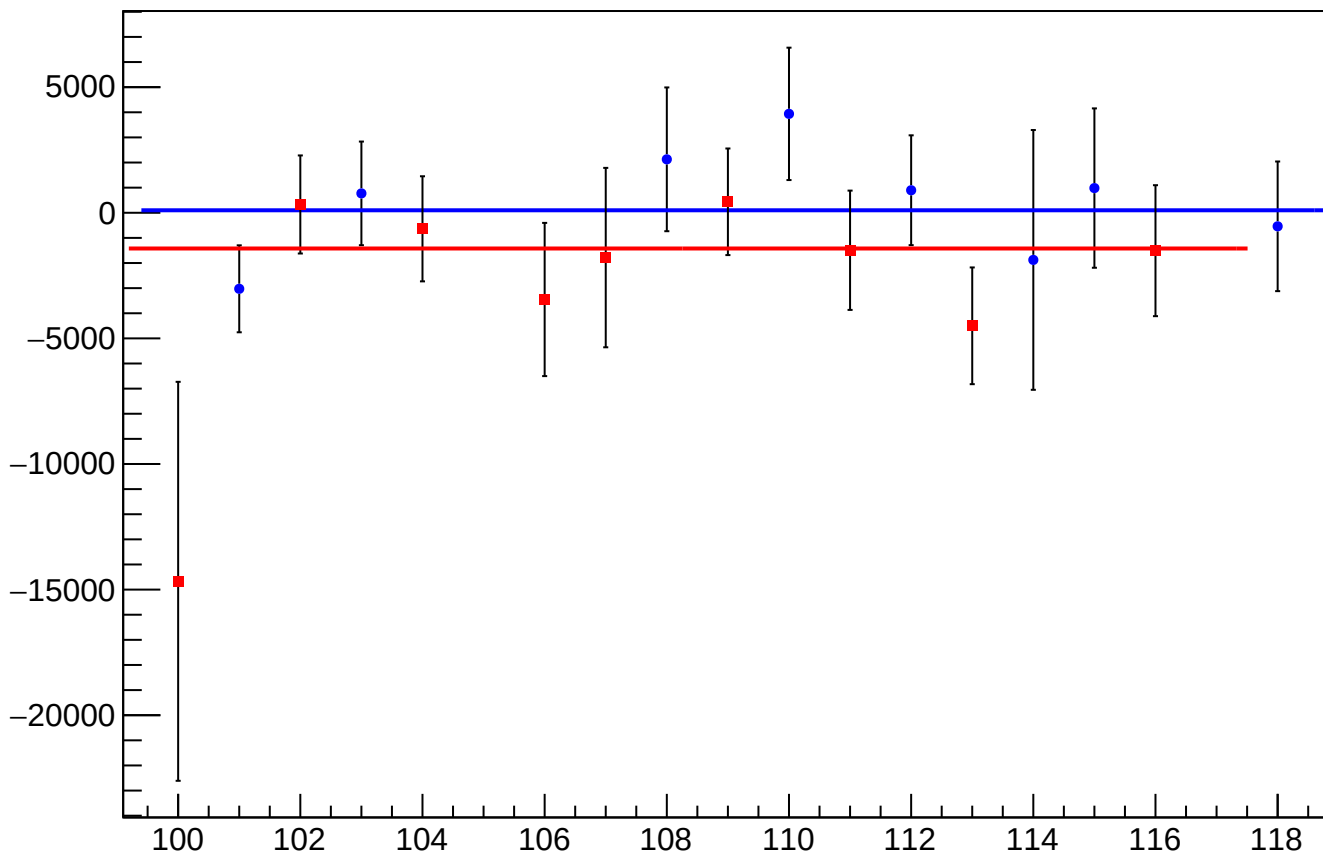
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.152 $\pm$ 0.033 χ^2 /NDF: 314578.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: 99.239 $\pm$ 866.686 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1421.983 $\pm$ 837.754 χ^2 /NDF: 6.7/8

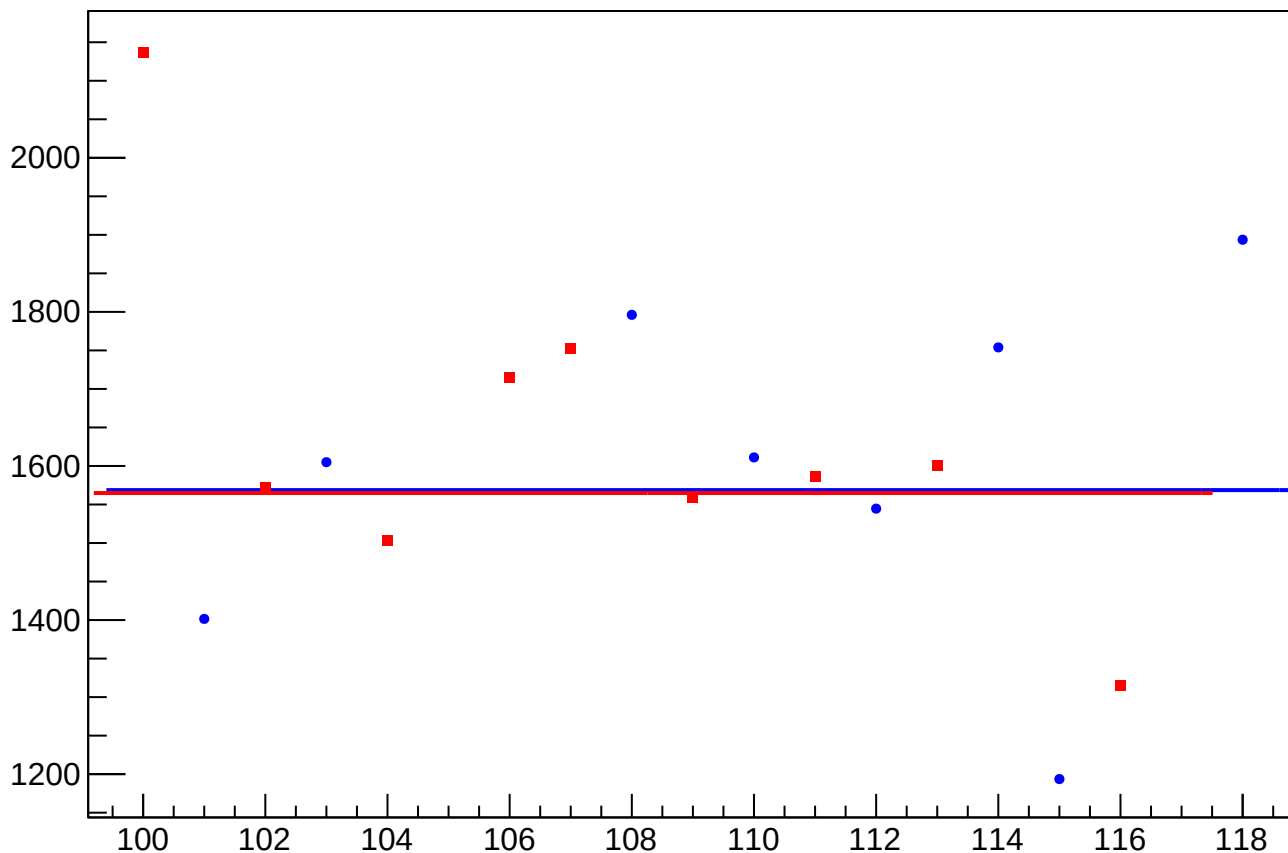
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -687.187 $\pm$ 602.350 χ^2 /NDF: 14.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1568.698 $\pm$ 0.613 χ^2 /NDF: 94943.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1564.881 $\pm$ 0.592 χ^2 /NDF: 41529.4/8

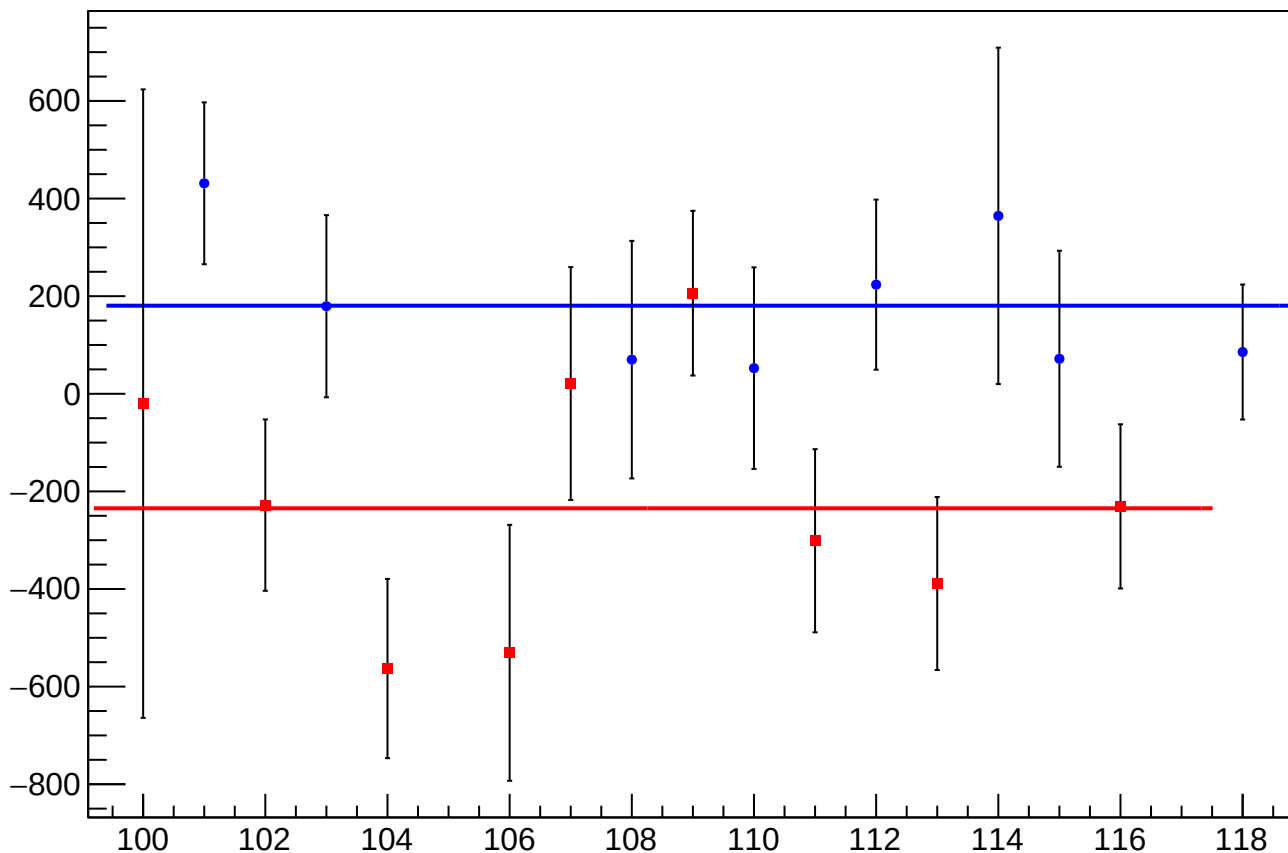
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1566.725 $\pm$ 0.426 χ^2 /NDF: 136493.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 180.520 $\pm$ 67.496 χ^2 /NDF: 3.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -234.624 $\pm$ 66.328 χ^2 /NDF: 13.4/8

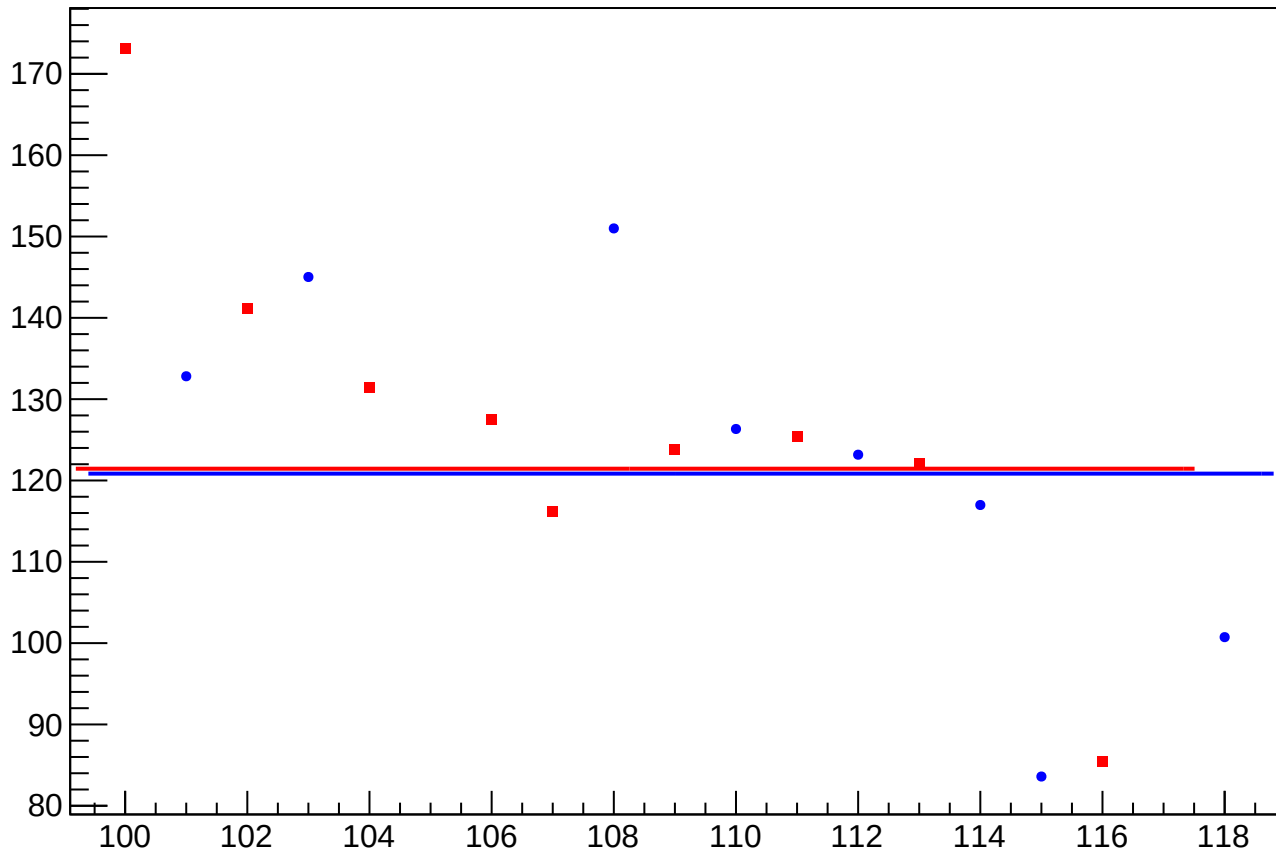
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.675 $\pm$ 47.308 χ^2 /NDF: 36.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 120.843 $\pm$ 0.048 χ^2 /NDF: 175697.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.449 $\pm$ 0.047 χ^2 /NDF: 138799.0/8

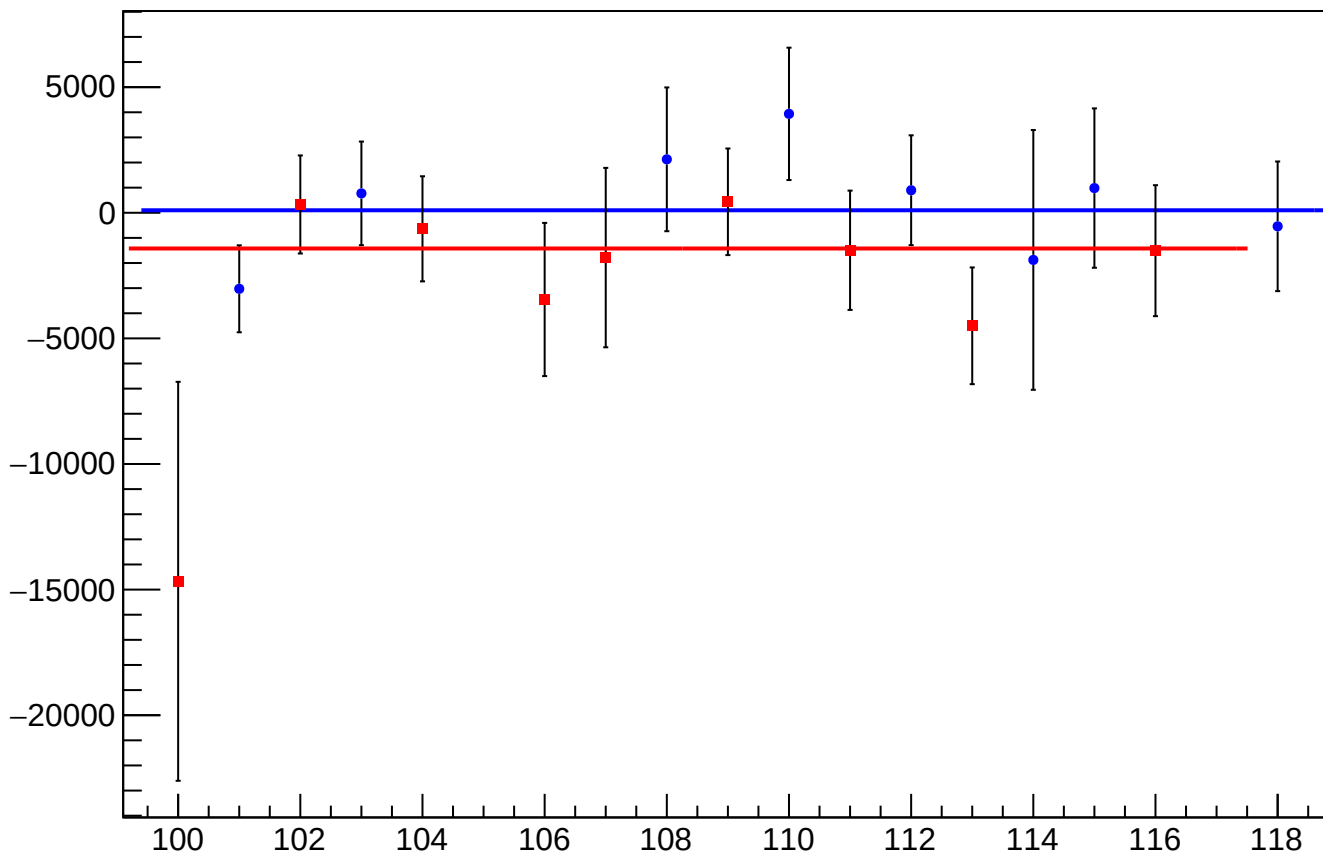
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.151 $\pm$ 0.033 χ^2 /NDF: 314578.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: 99.240 $\pm$ 866.685 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1421.981 $\pm$ 837.752 χ^2 /NDF: 6.7/8

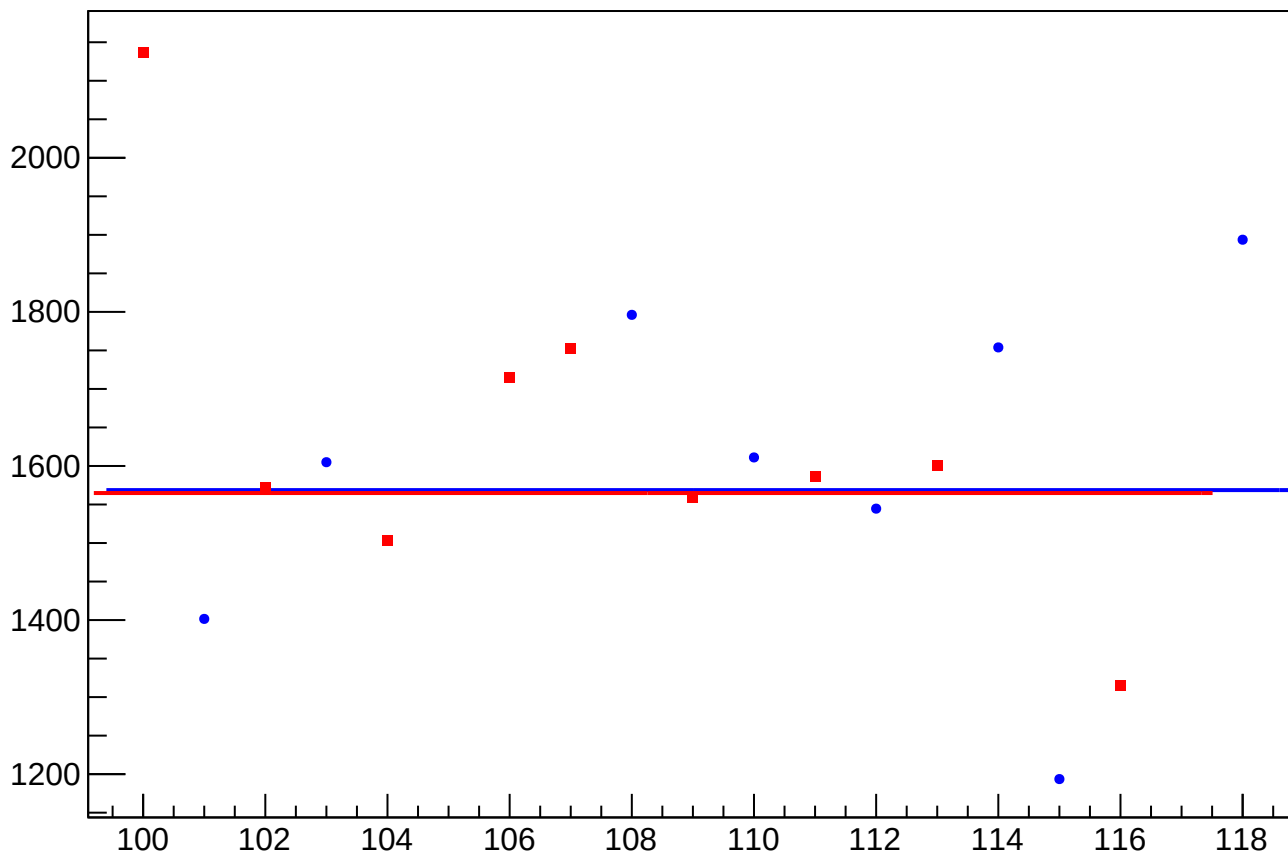
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -687.185 $\pm$ 602.349 χ^2 /NDF: 14.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1568.695 $\pm$ 0.613 χ^2 /NDF: 94942.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1564.878 $\pm$ 0.592 χ^2 /NDF: 41529.1/8

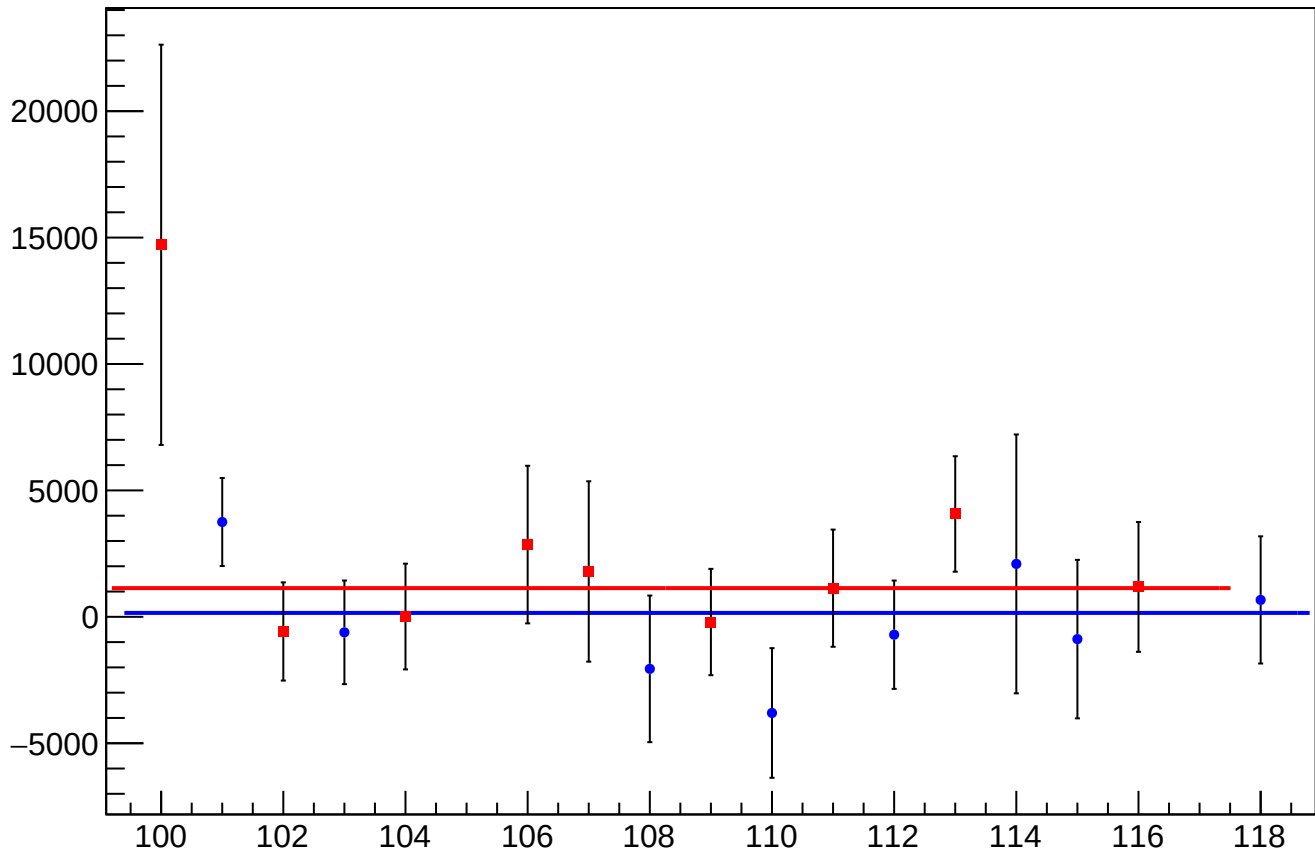
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1566.722 $\pm$ 0.426 χ^2 /NDF: 136492.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 154.498 $\pm$ 859.094 χ^2 /NDF: 7.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1135.259 $\pm$ 831.234 χ^2 /NDF: 6.4/8

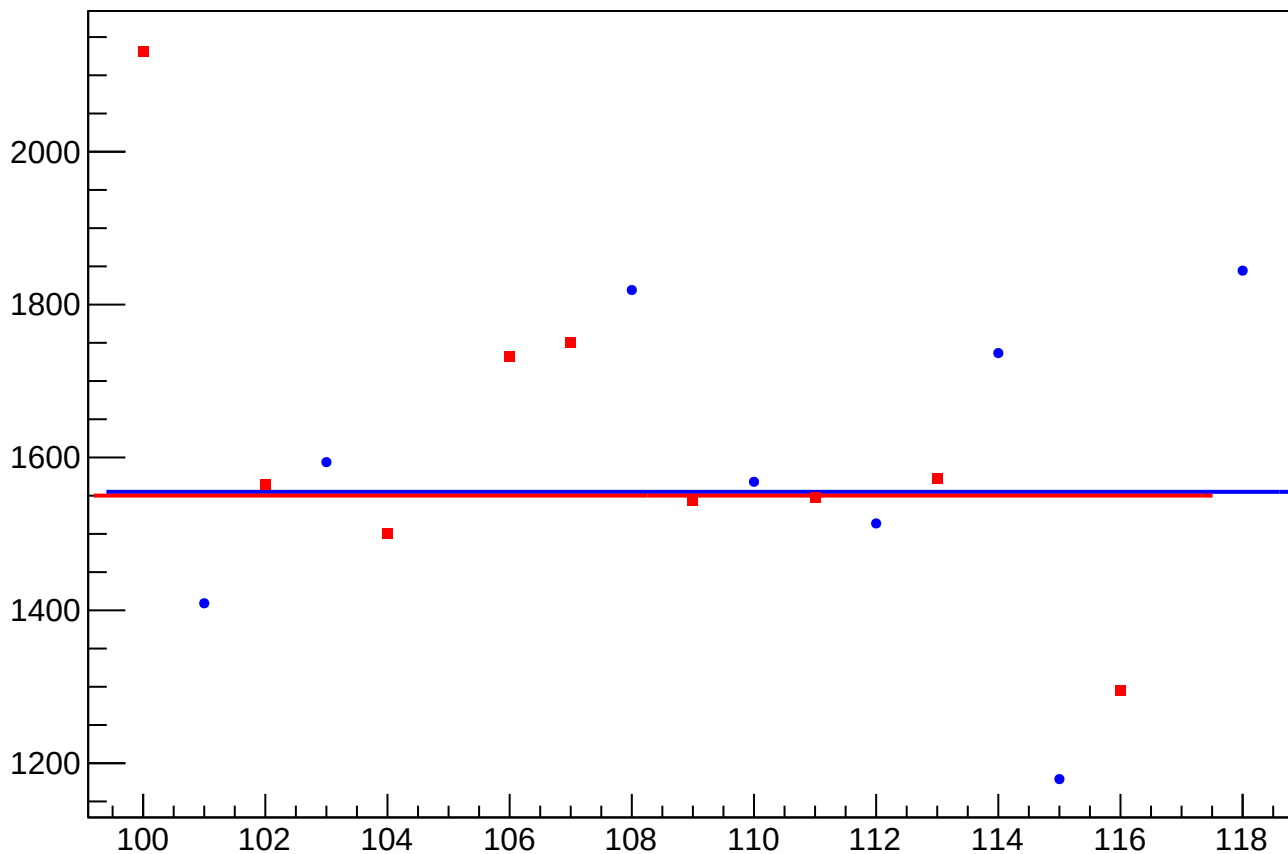
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 661.039 $\pm$ 597.377 χ^2 /NDF: 14.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1555.026 $\pm$ 0.607 χ^2 /NDF: 89873.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1550.107 $\pm$ 0.588 χ^2 /NDF: 45048.2/8

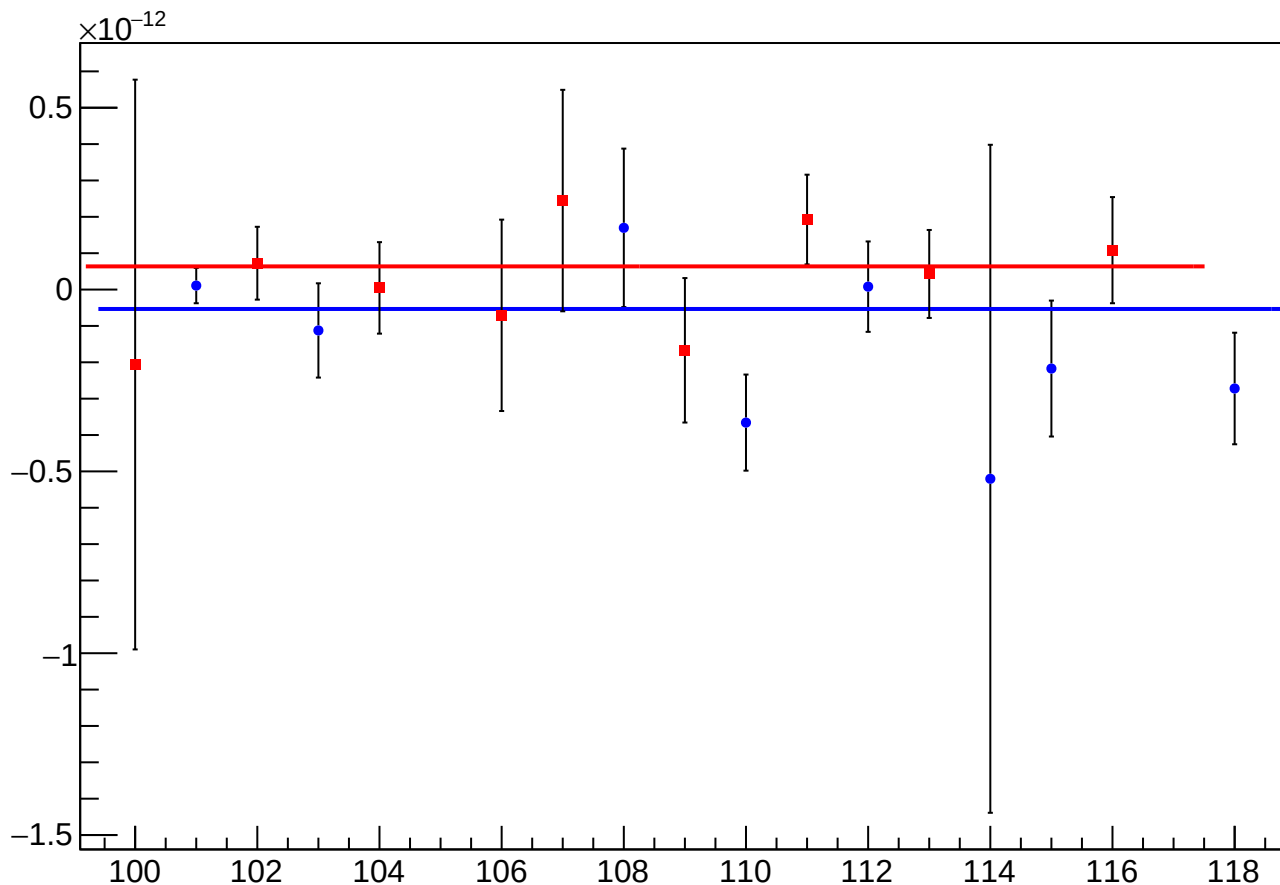
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1552.485 $\pm$ 0.422 χ^2 /NDF: 134955.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug



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: 3.5/8

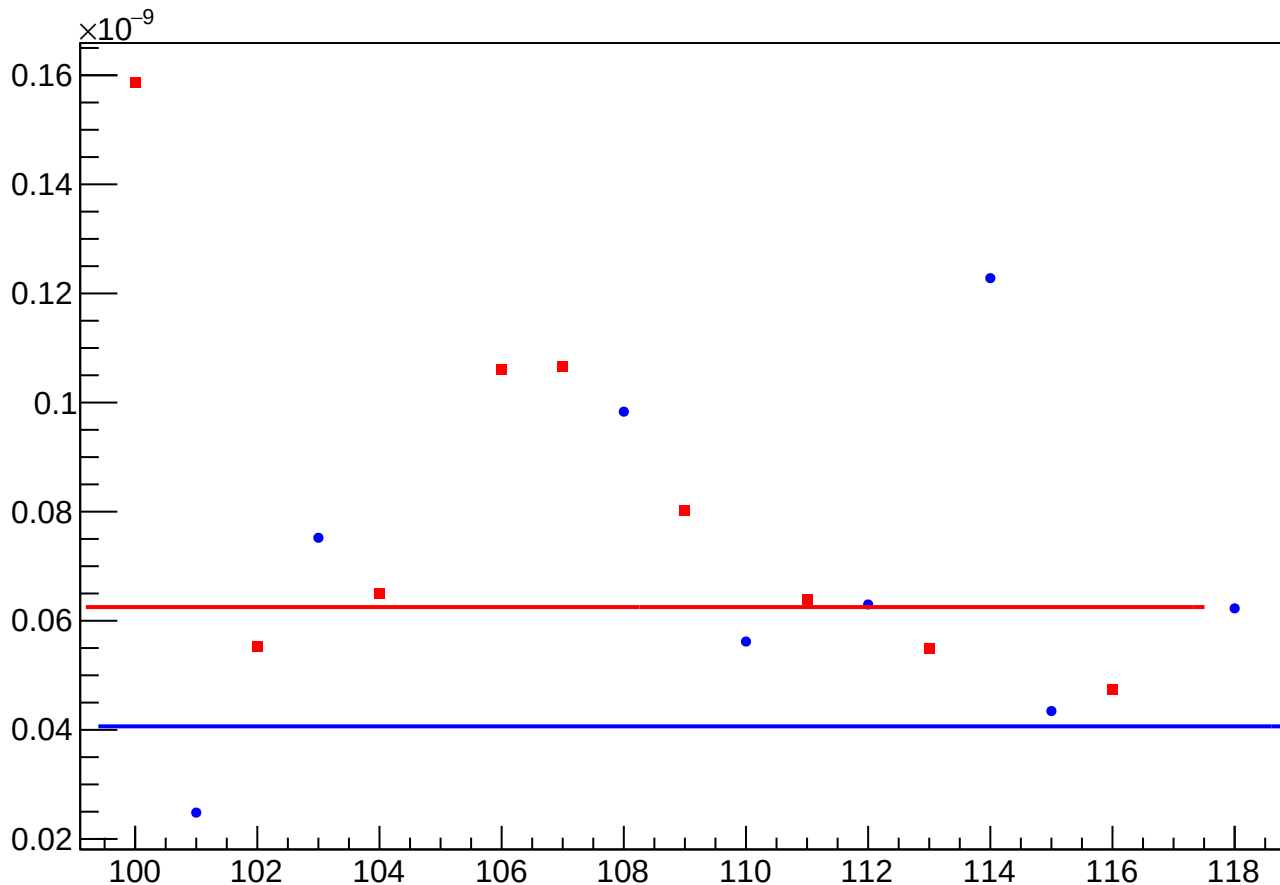
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.9/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 643074.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 183164.5/8

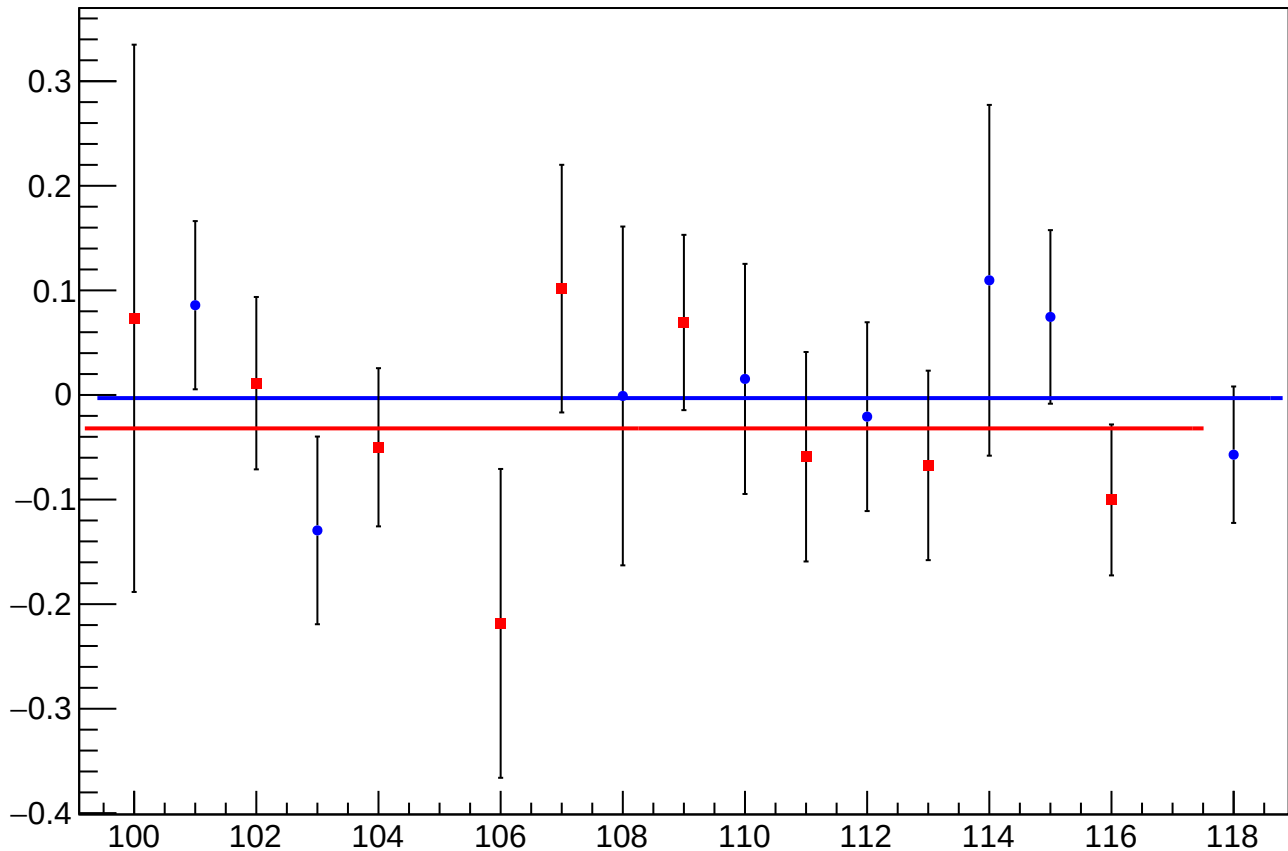
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1068053.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



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: -0.032+/-0.031 χ^2/NDF : 5.9/8

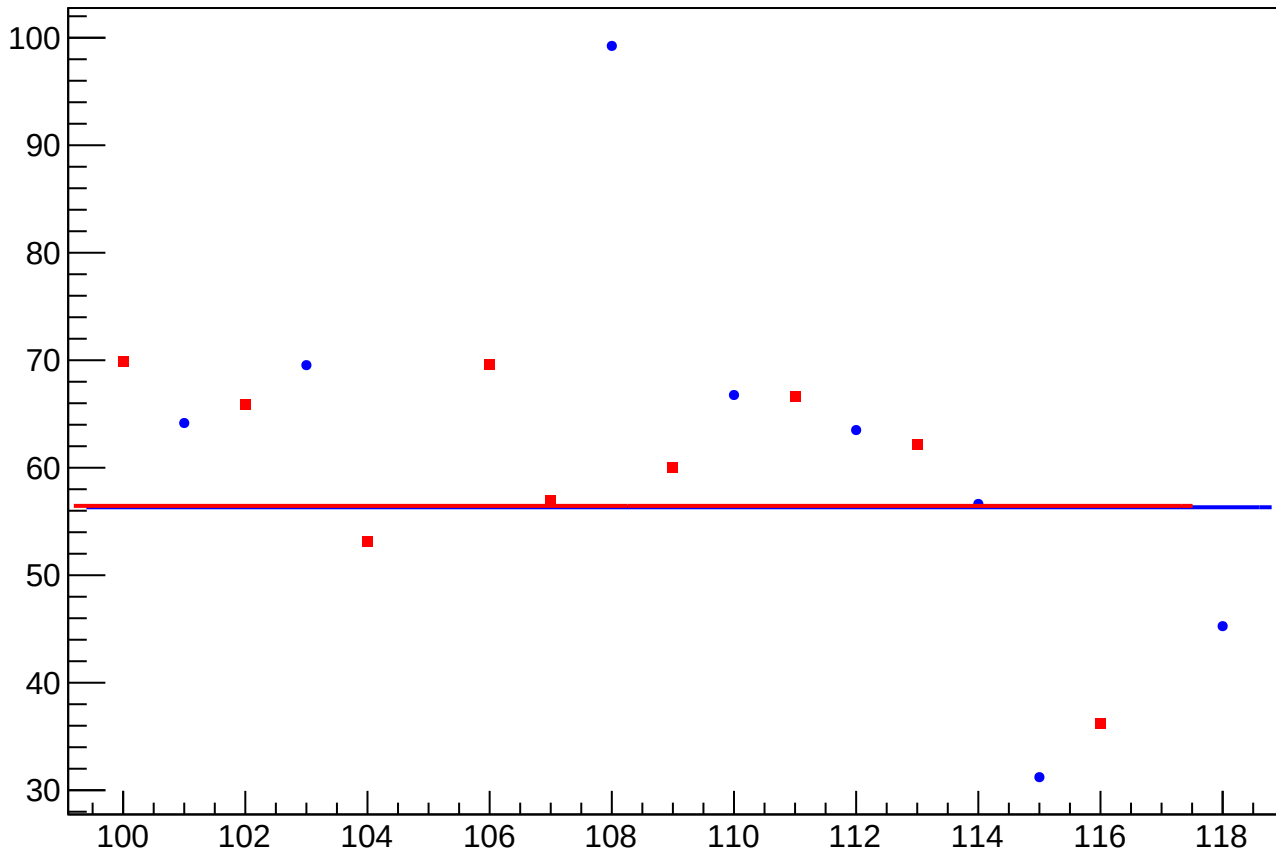
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.023 χ^2/NDF : 11.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



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: 56.452+/-0.022 χ^2/NDF : 240530.1/8

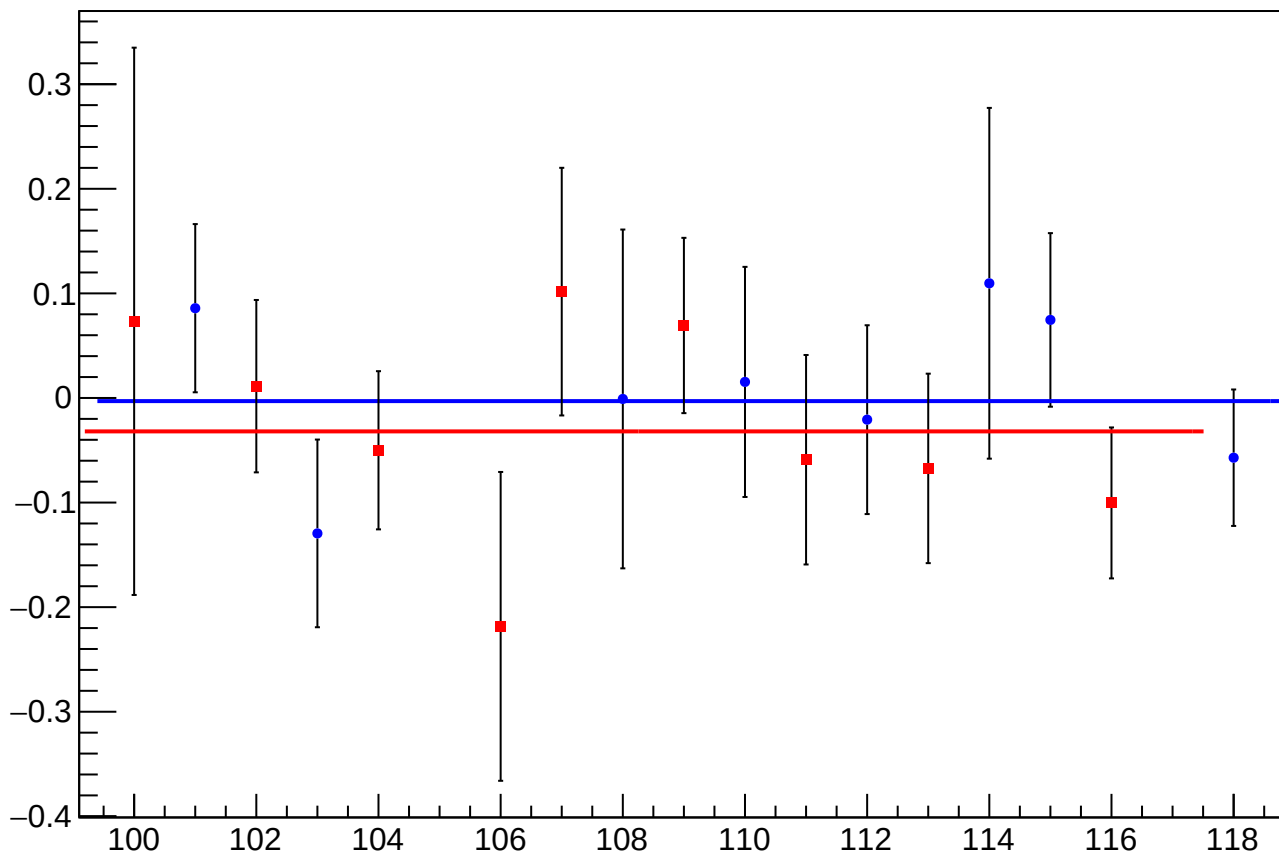
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.390+/-0.016 χ^2/NDF : 714651.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.033 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.031 χ^2 /NDF: 5.9/8

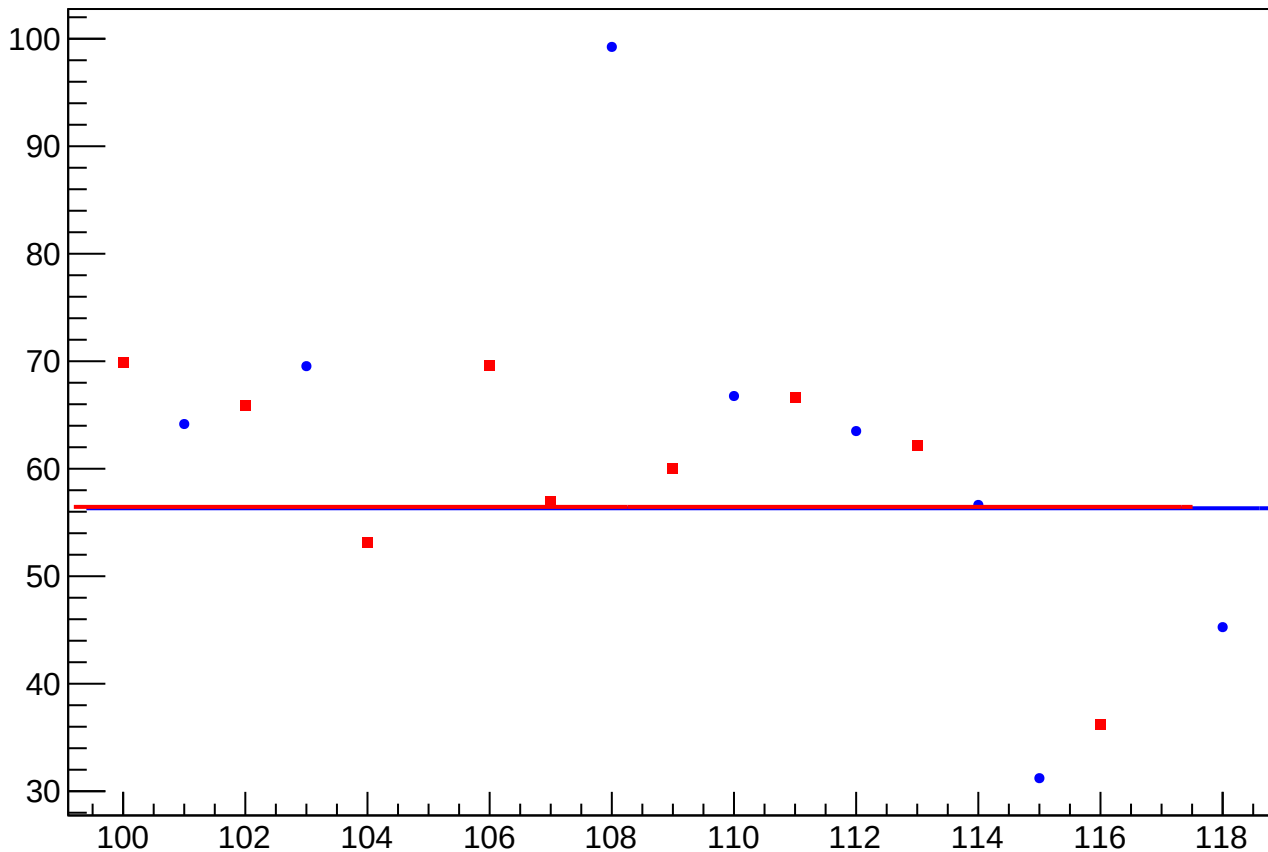
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.023 χ^2 /NDF: 11.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 56.452+/-0.022 χ^2/NDF : 240530.1/8

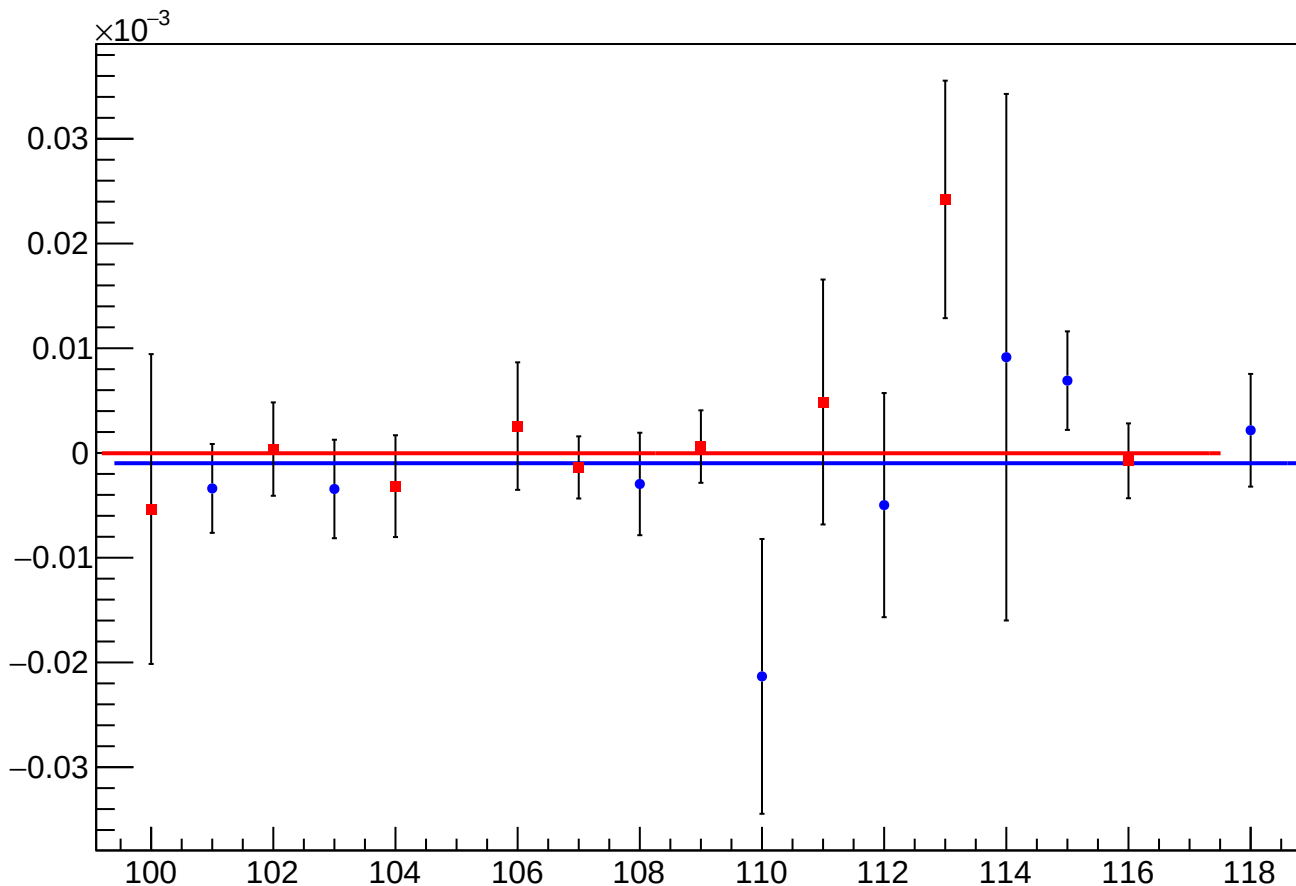
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.390+/-0.016 χ^2/NDF : 714651.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 5.8/8

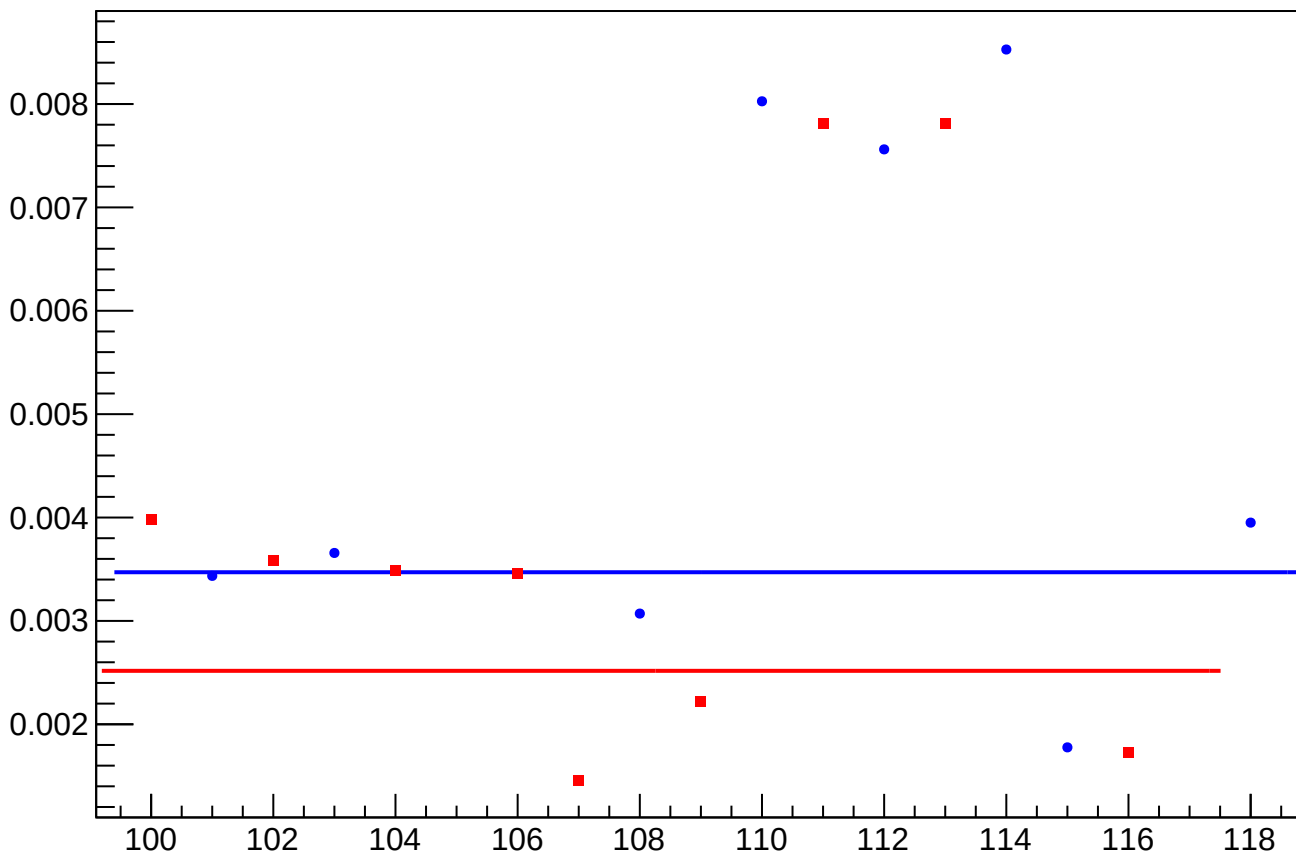
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1476949.3/8

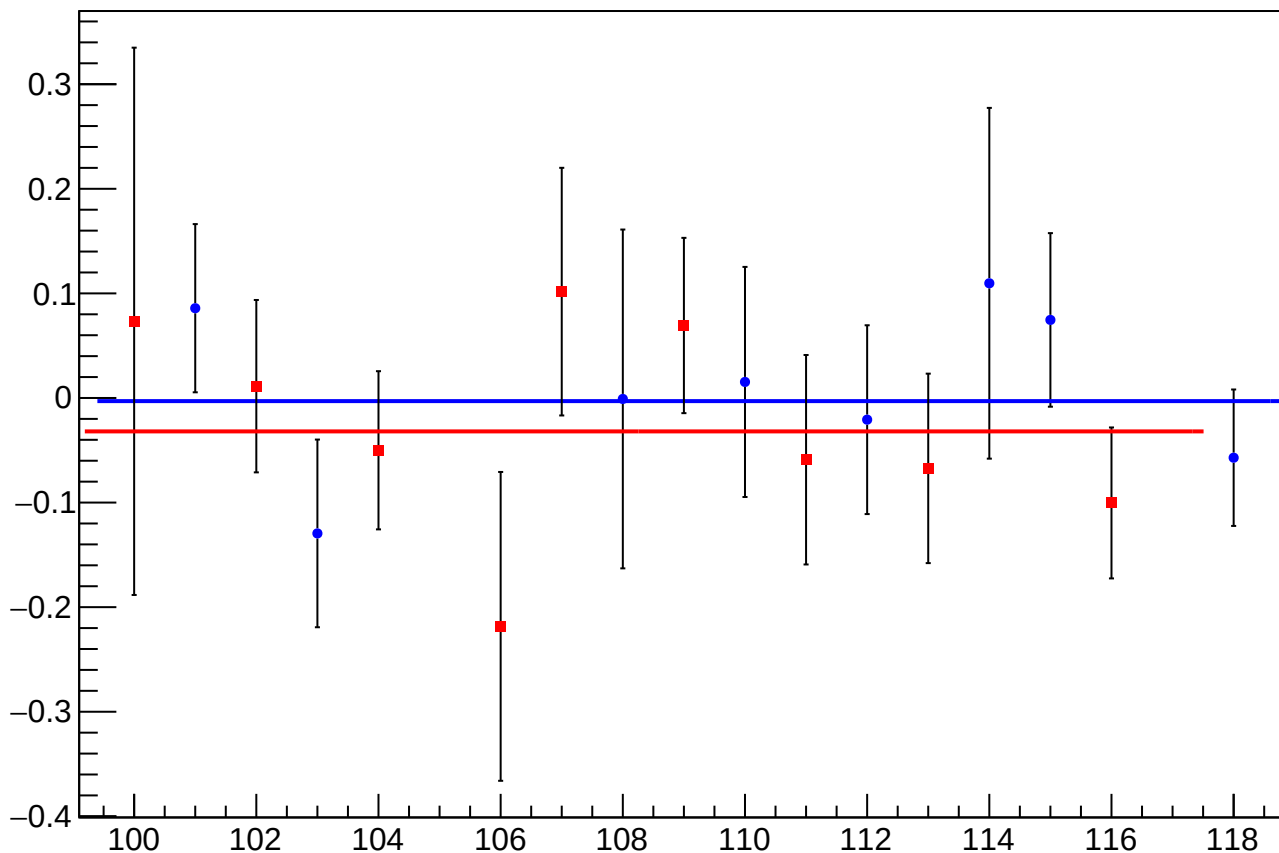
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 2658430.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.033 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.032 $\pm$ 0.031 χ^2 /NDF: 5.9/8

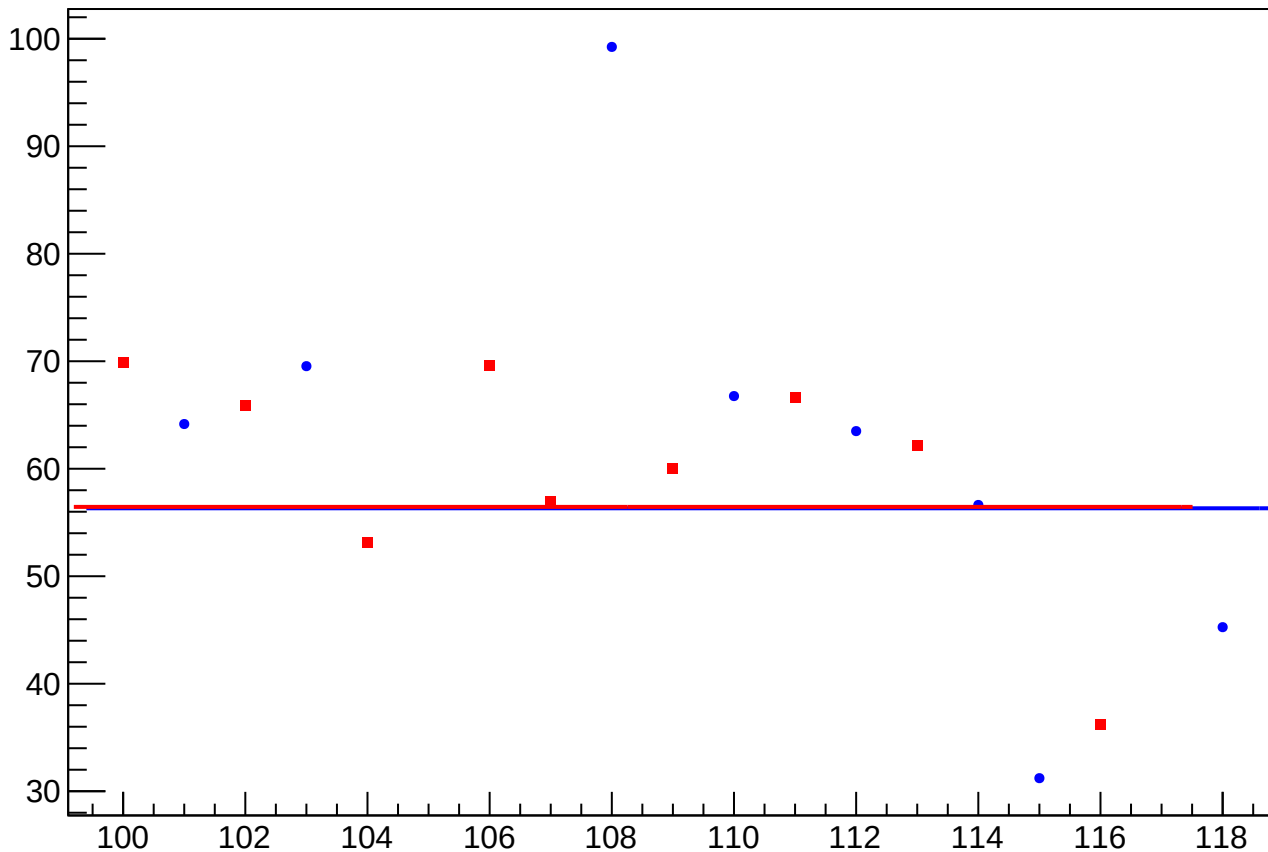
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.018 $\pm$ 0.023 χ^2 /NDF: 11.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 56.451+/-0.022 χ^2/NDF : 240490.1/8

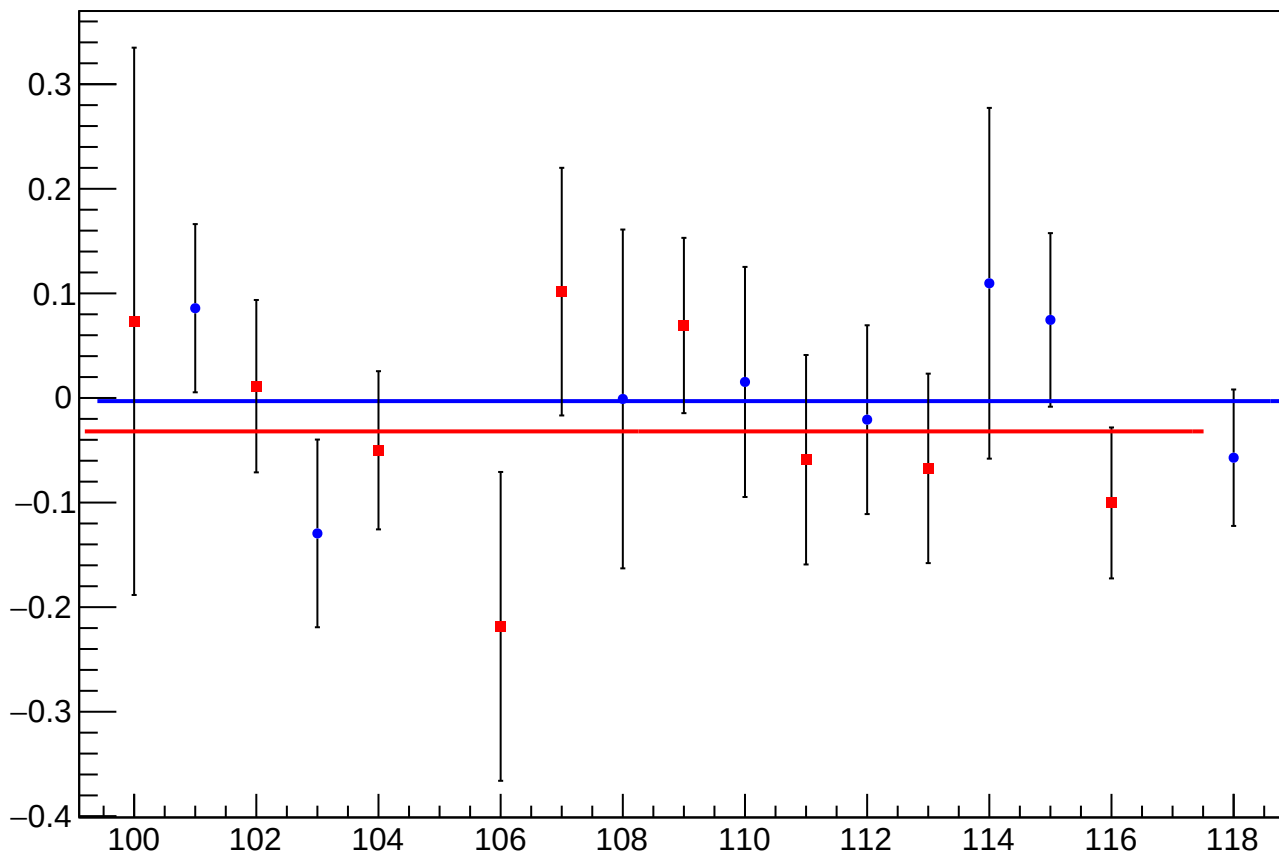
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.388+/-0.016 χ^2/NDF : 714614.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.032+/-0.031 χ^2/NDF : 5.9/8

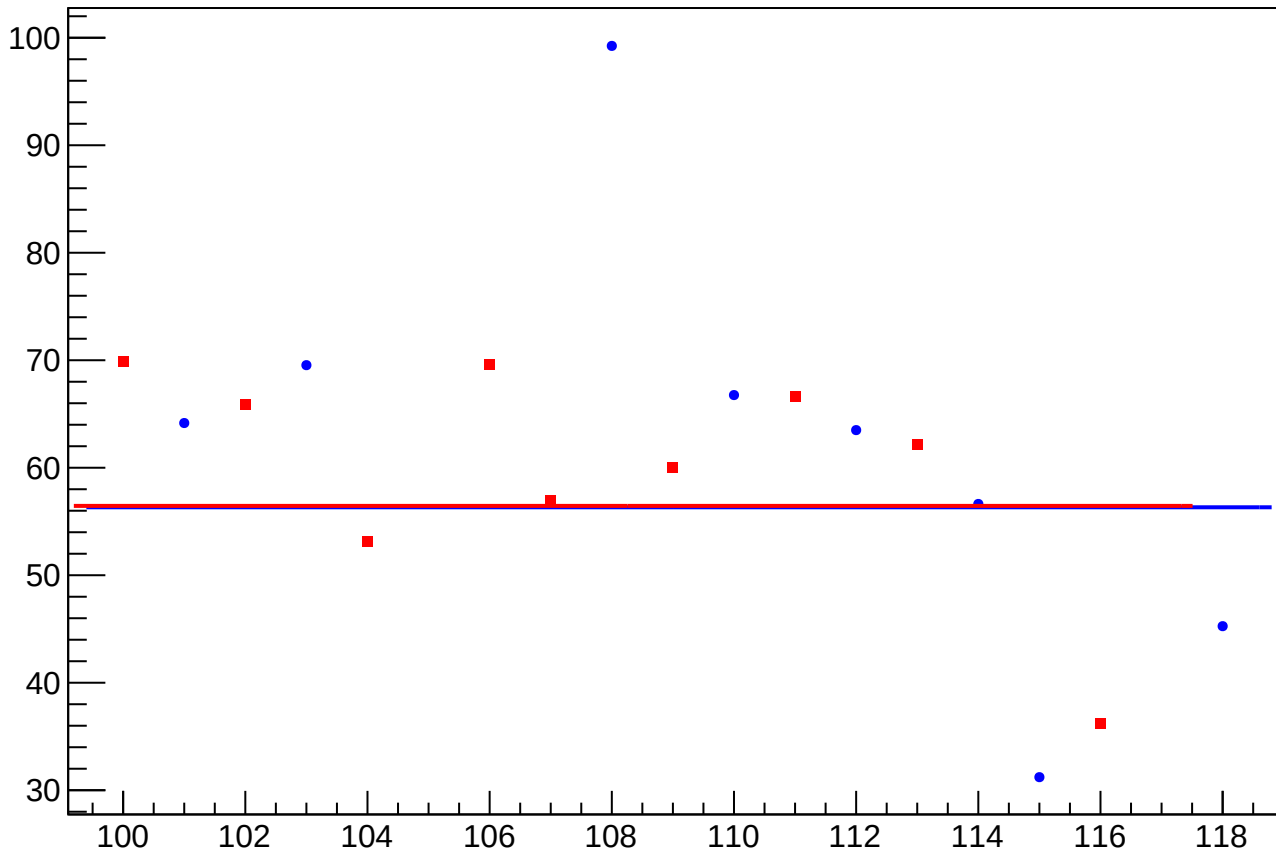
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.023 χ^2/NDF : 11.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 56.451+/-0.022 χ^2/NDF : 240490.1/8

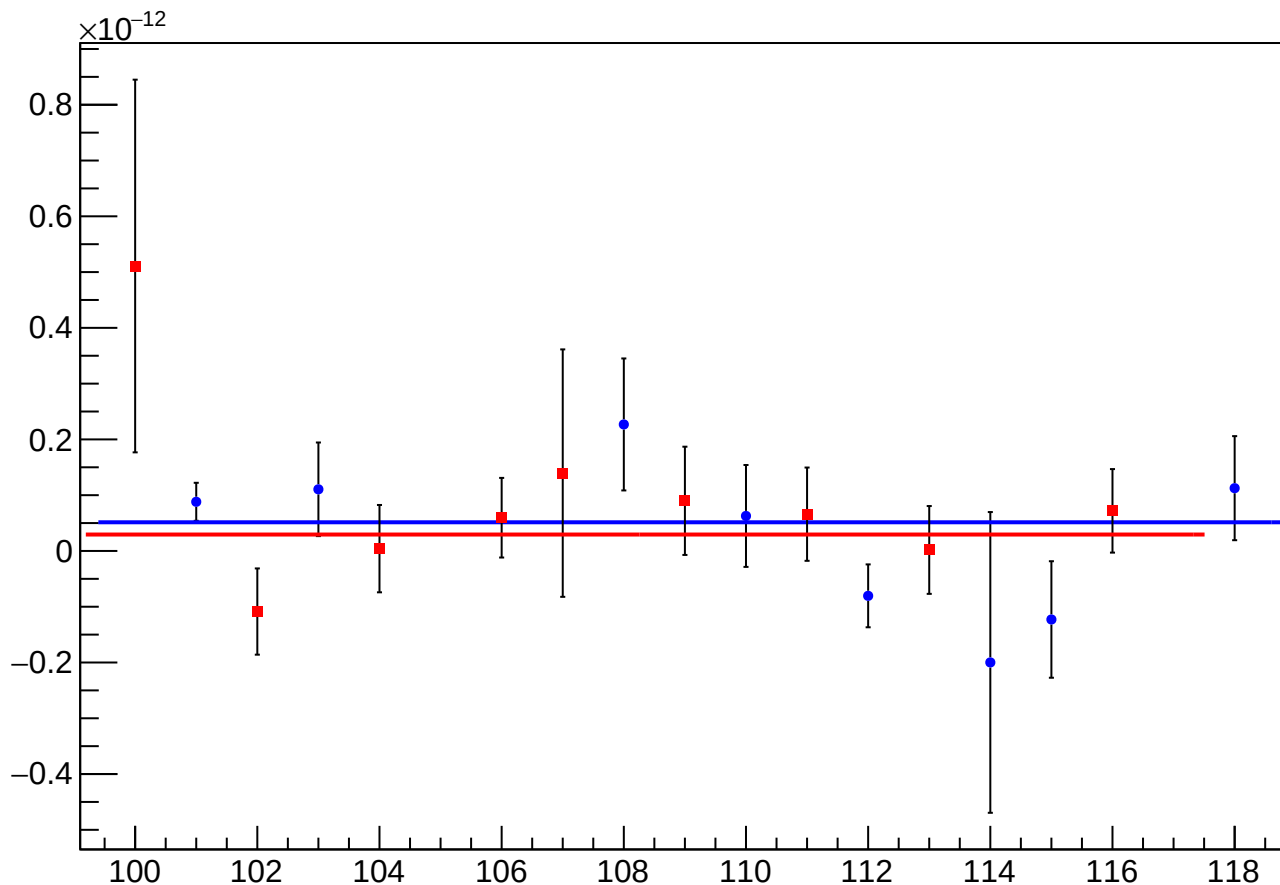
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.388+/-0.016 χ^2/NDF : 714614.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/8

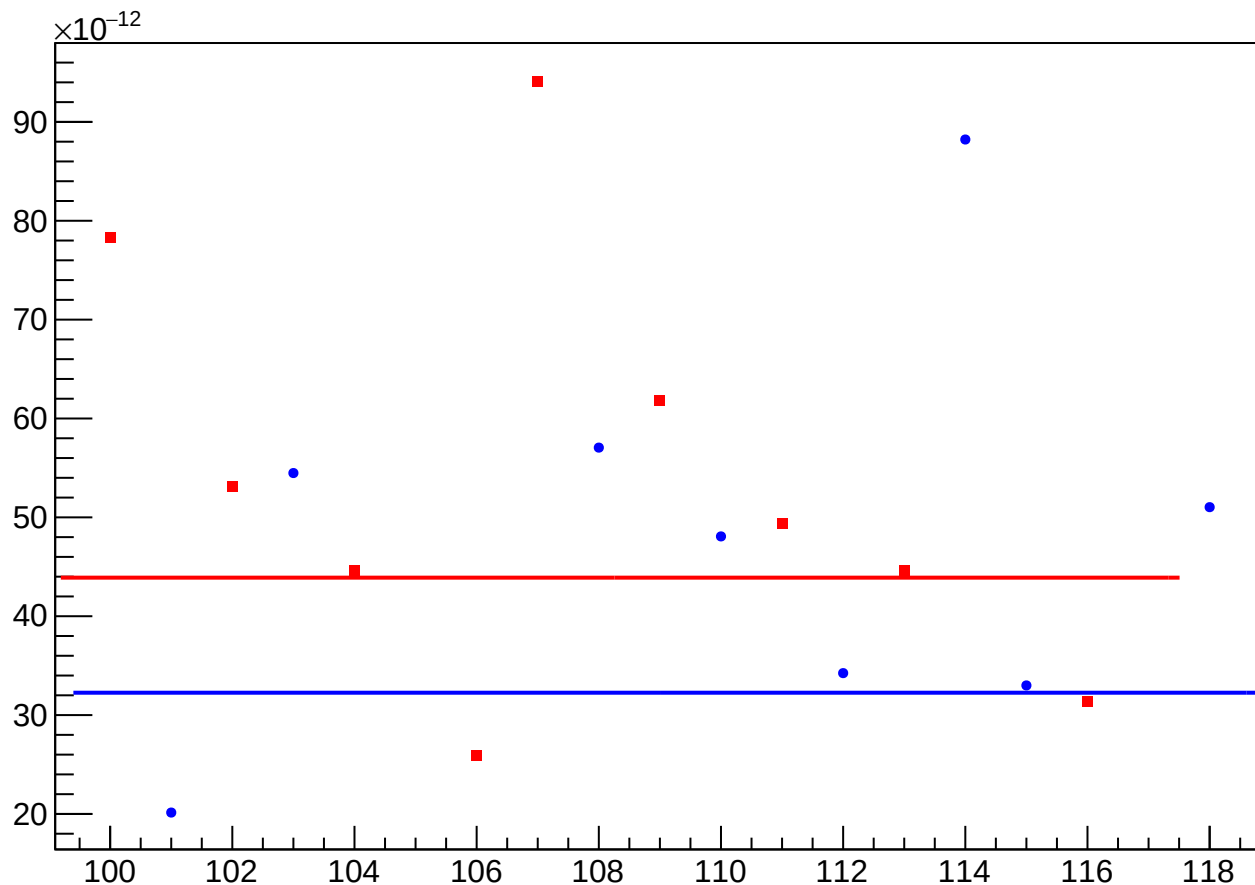
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 412670.4/8

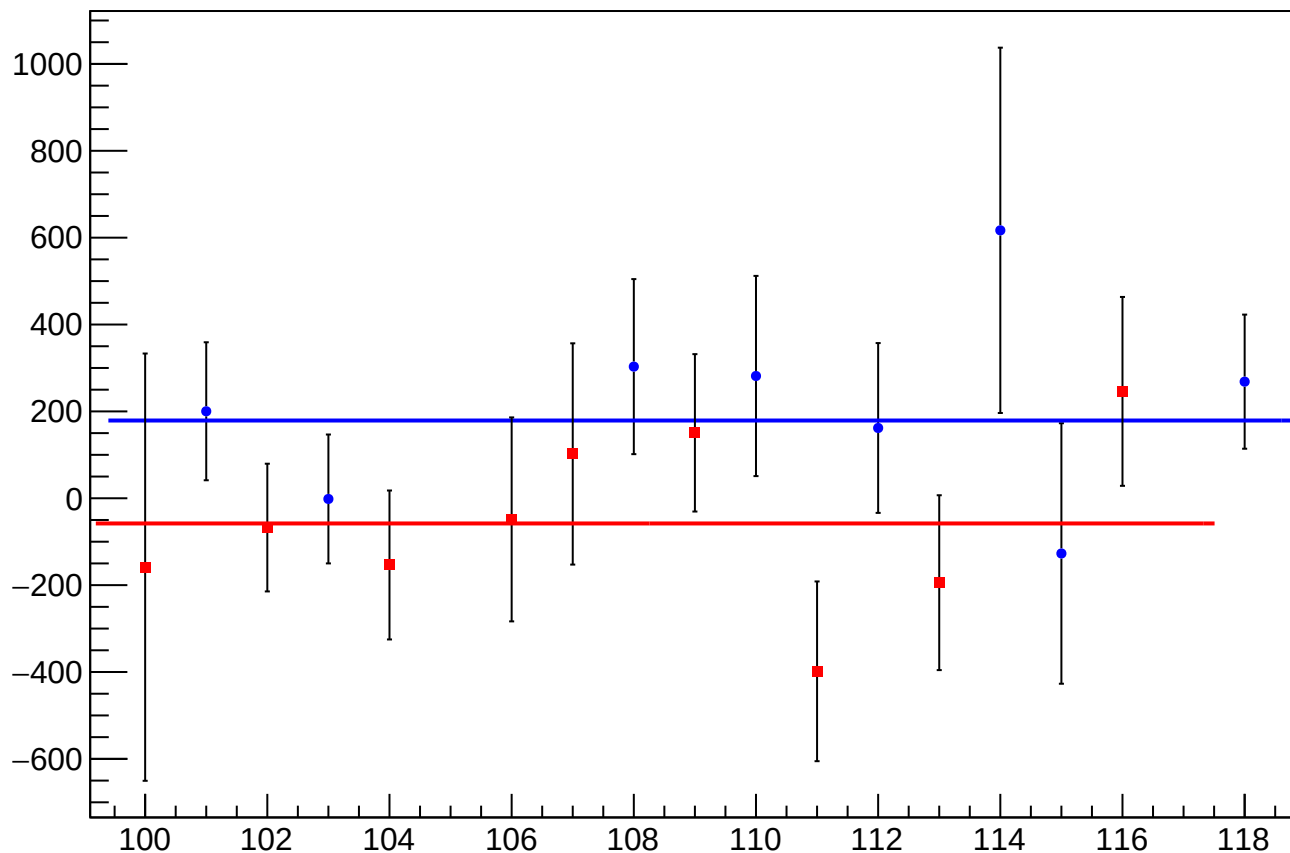
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1309948.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 179.019 $\pm$ 68.458 χ^2 /NDF: 4.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.992 $\pm$ 67.789 χ^2 /NDF: 7.2/8

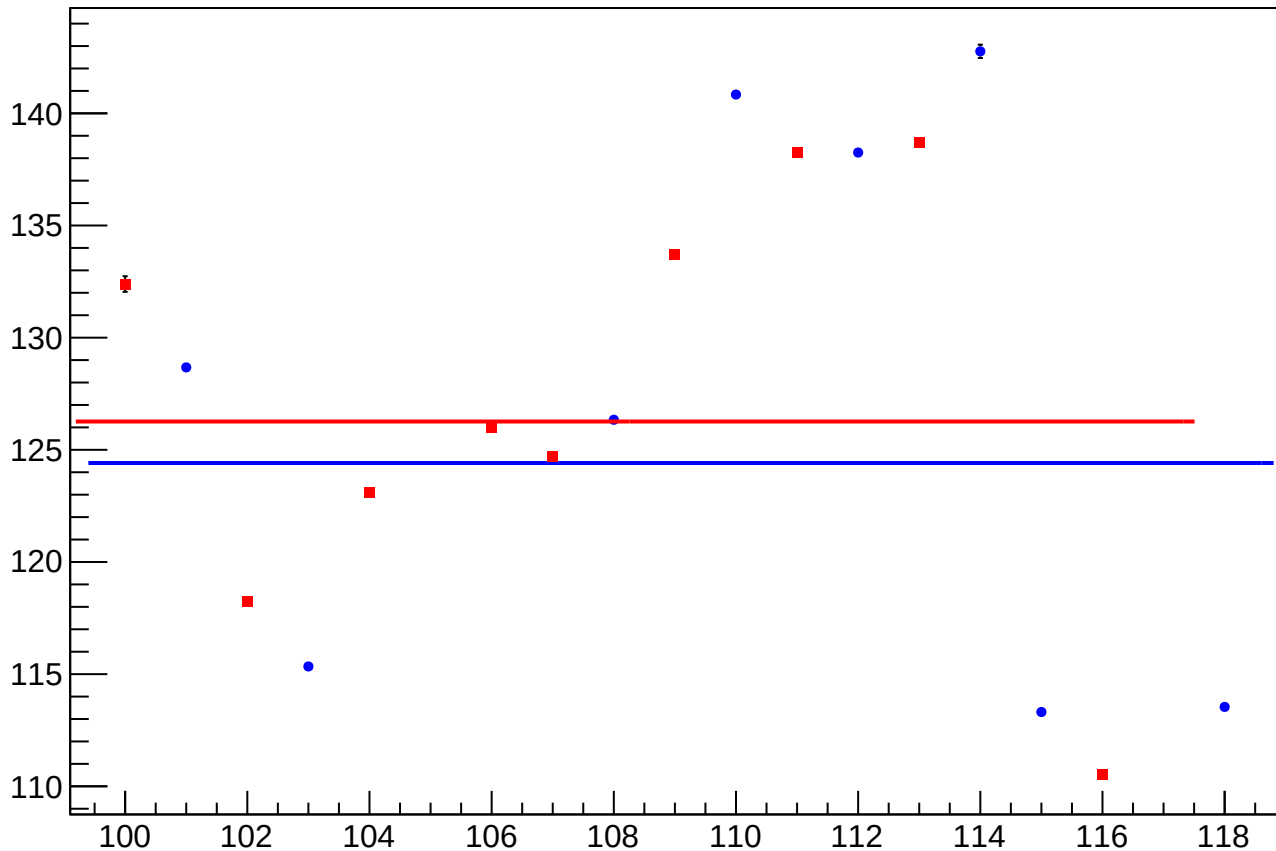
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.349 $\pm$ 48.169 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



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: 126.262+/-0.048 χ^2/NDF : 35259.7/8

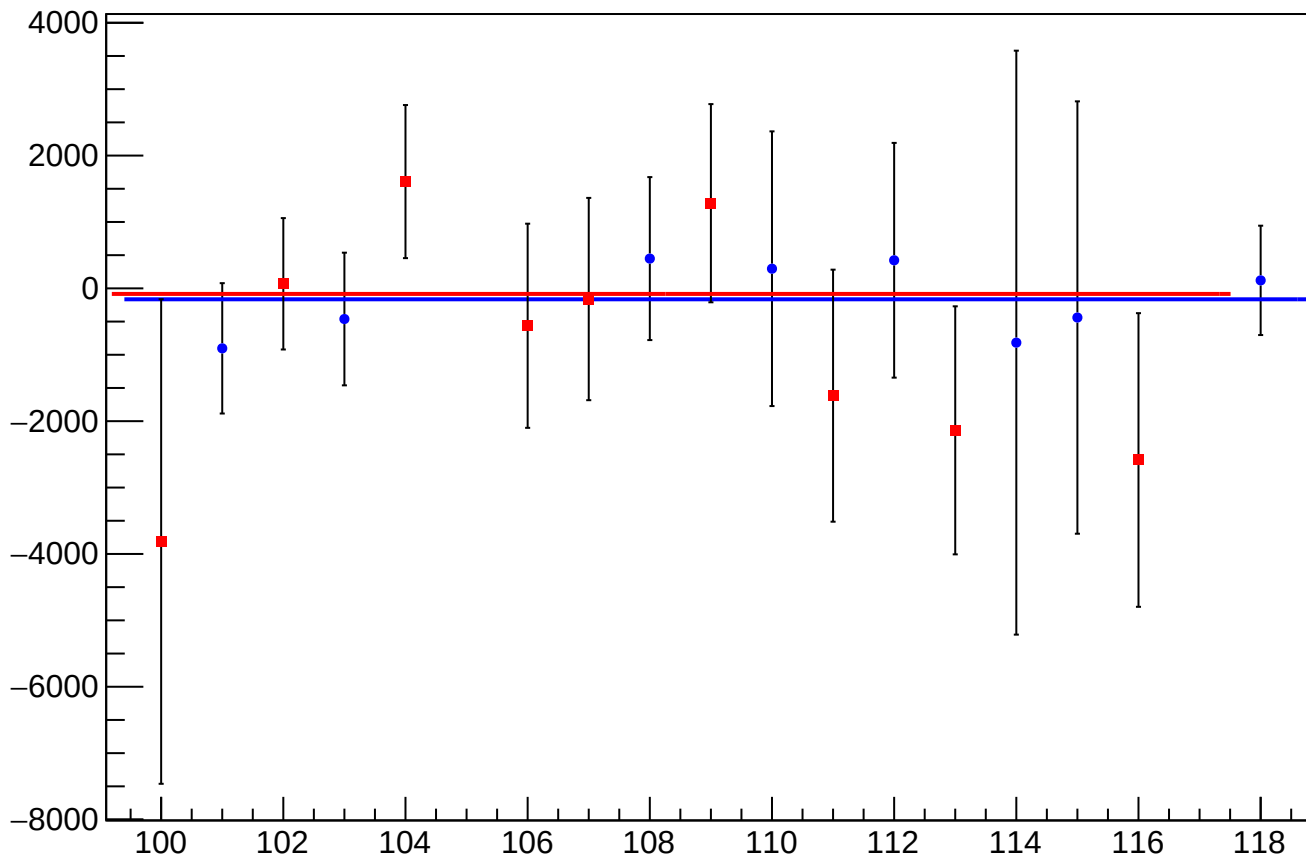
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.347+/-0.034 χ^2/NDF : 81742.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -164.637 $\pm$ 452.768 χ^2 /NDF: 1.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -83.587 $\pm$ 505.042 χ^2 /NDF: 7.3/8

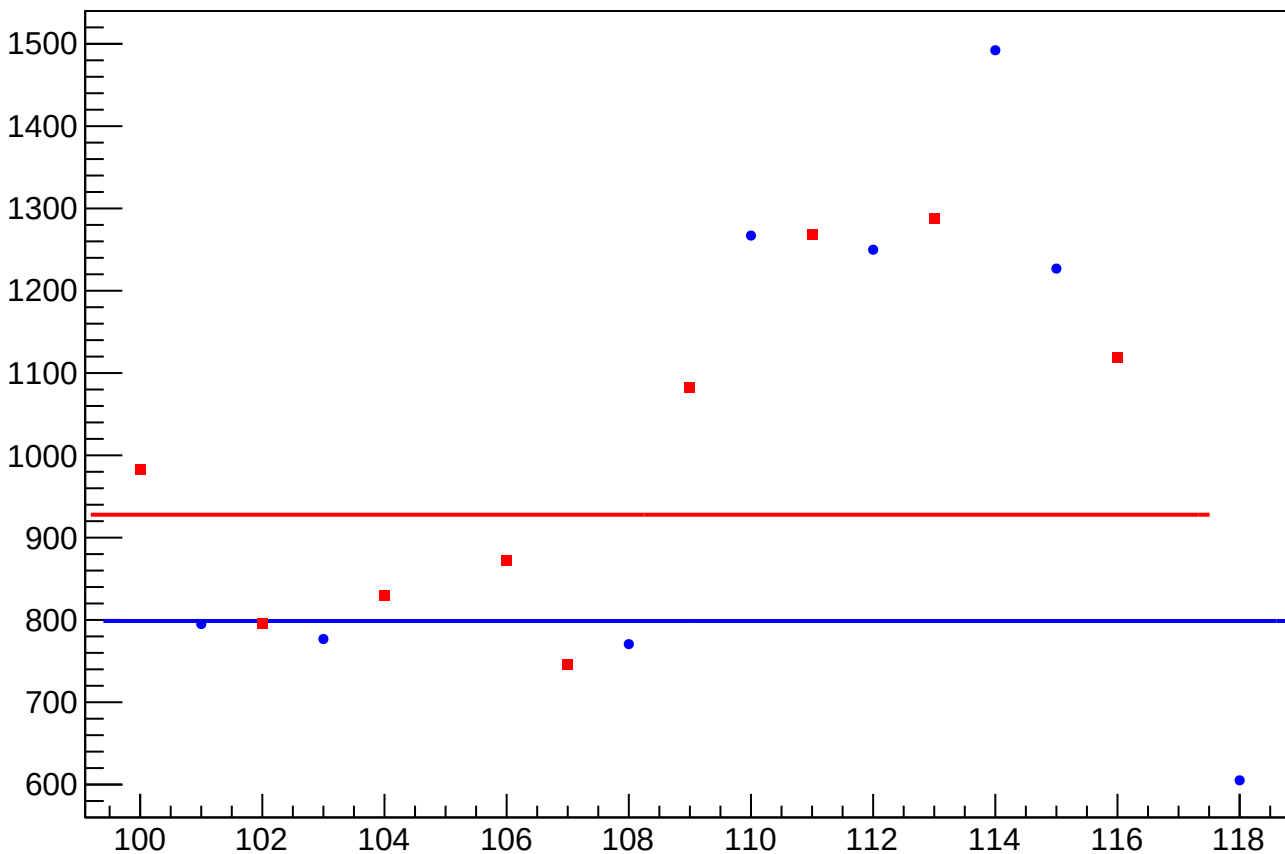
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -128.522 $\pm$ 337.127 χ^2 /NDF: 8.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



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: 927.889+/-0.357 χ^2/NDF : 256423.4/8

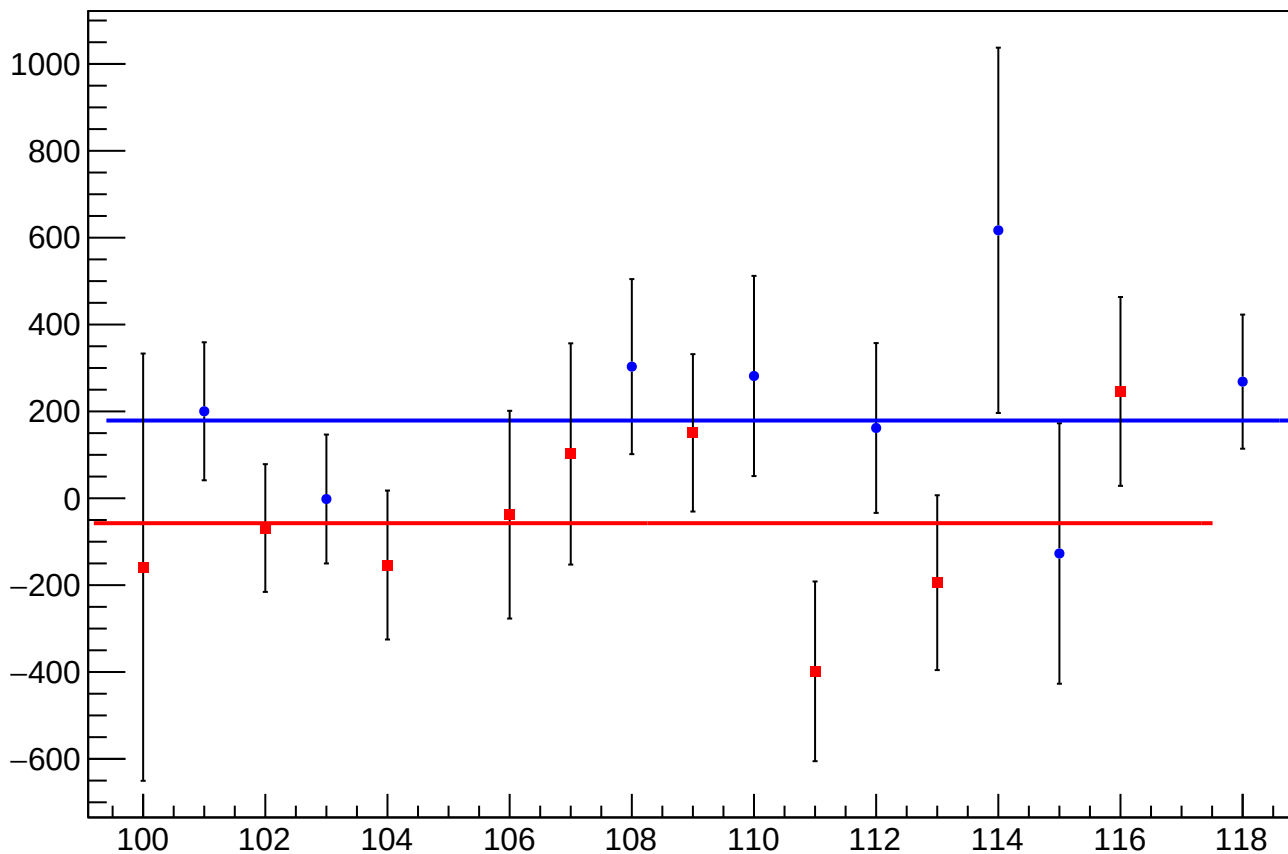
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 856.293+/-0.238 χ^2/NDF : 758611.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



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: -57.386 $\pm$ 67.896 χ^2 /NDF: 7.2/8

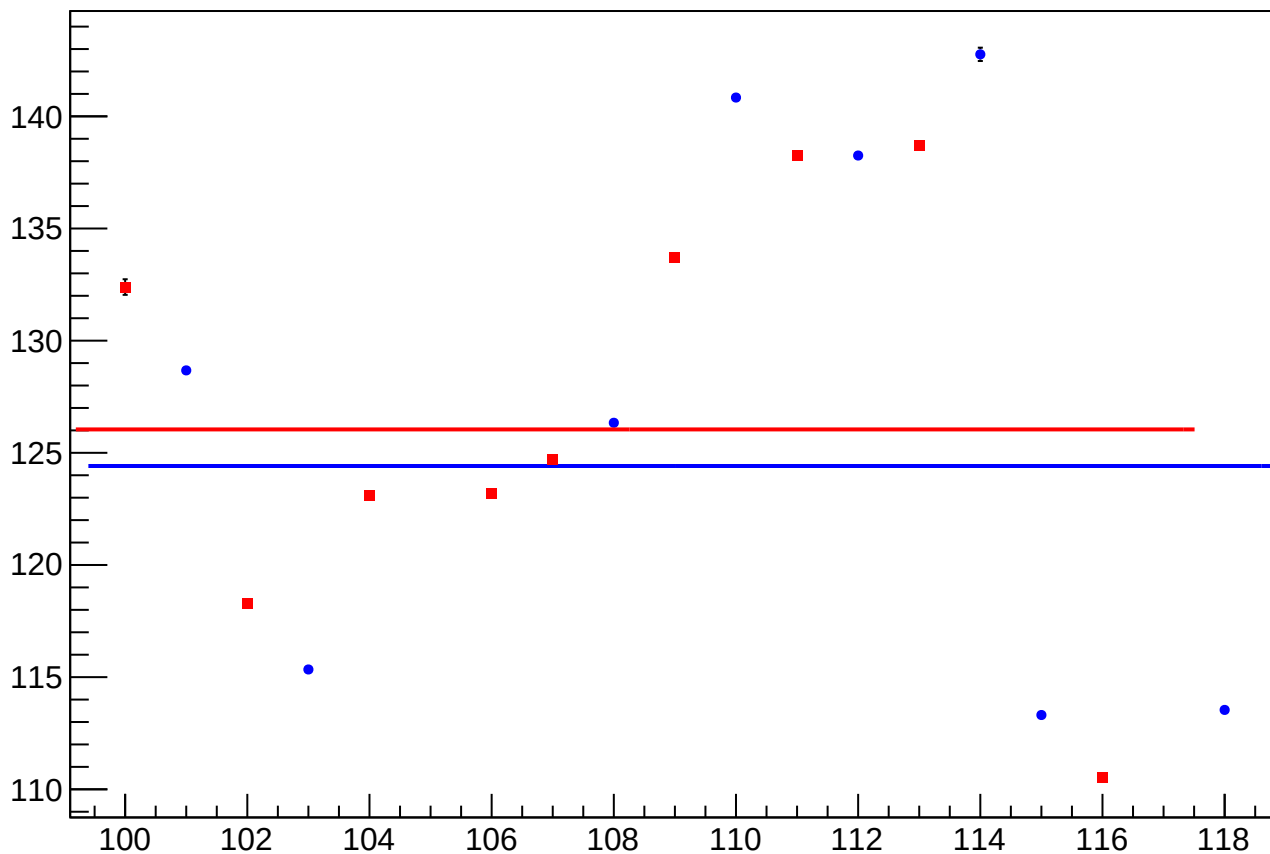
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.837 $\pm$ 48.207 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



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: 126.043 $\pm$ 0.048 χ^2 /NDF: 35509.7/8

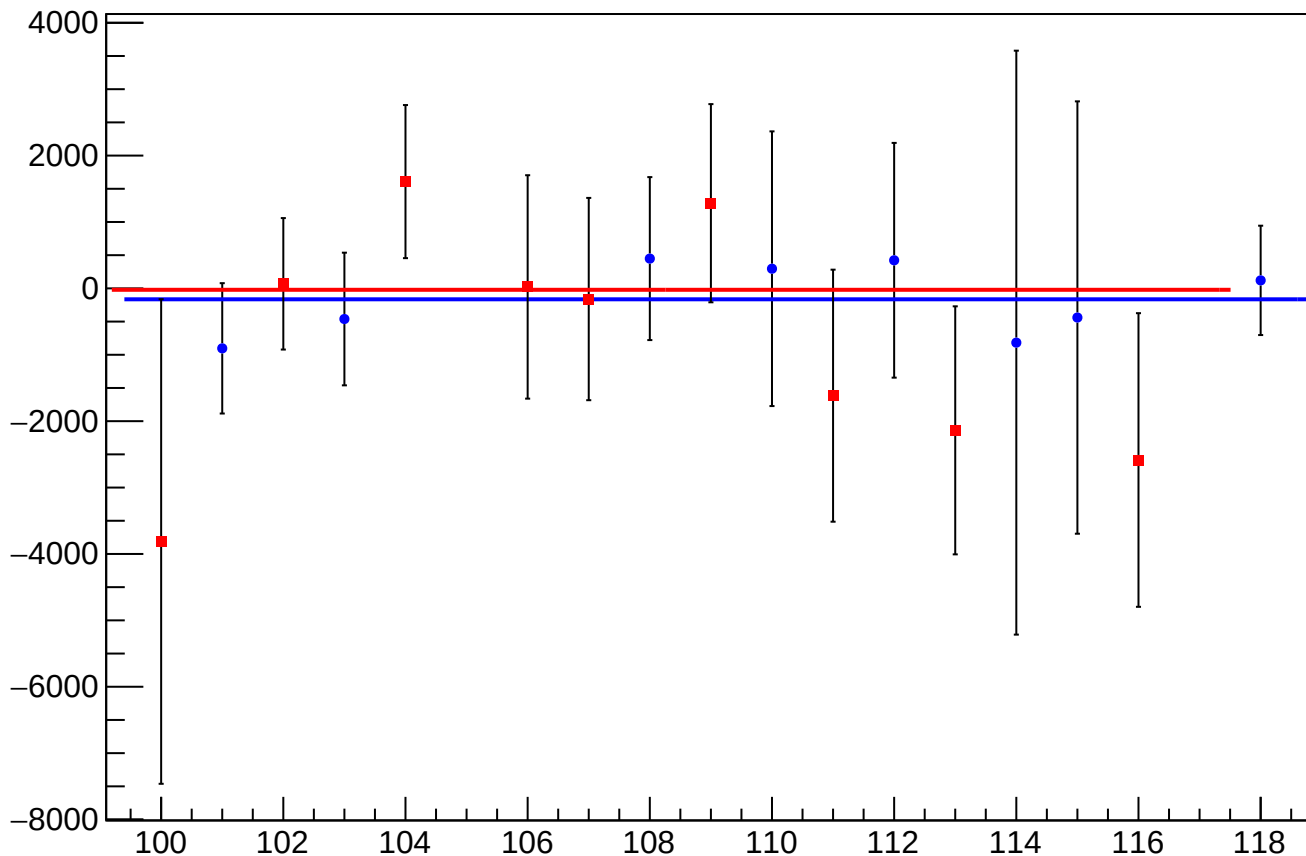
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.235 $\pm$ 0.034 χ^2 /NDF: 81827.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



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: -21.346+/-509.690 χ^2/NDF : 7.2/8

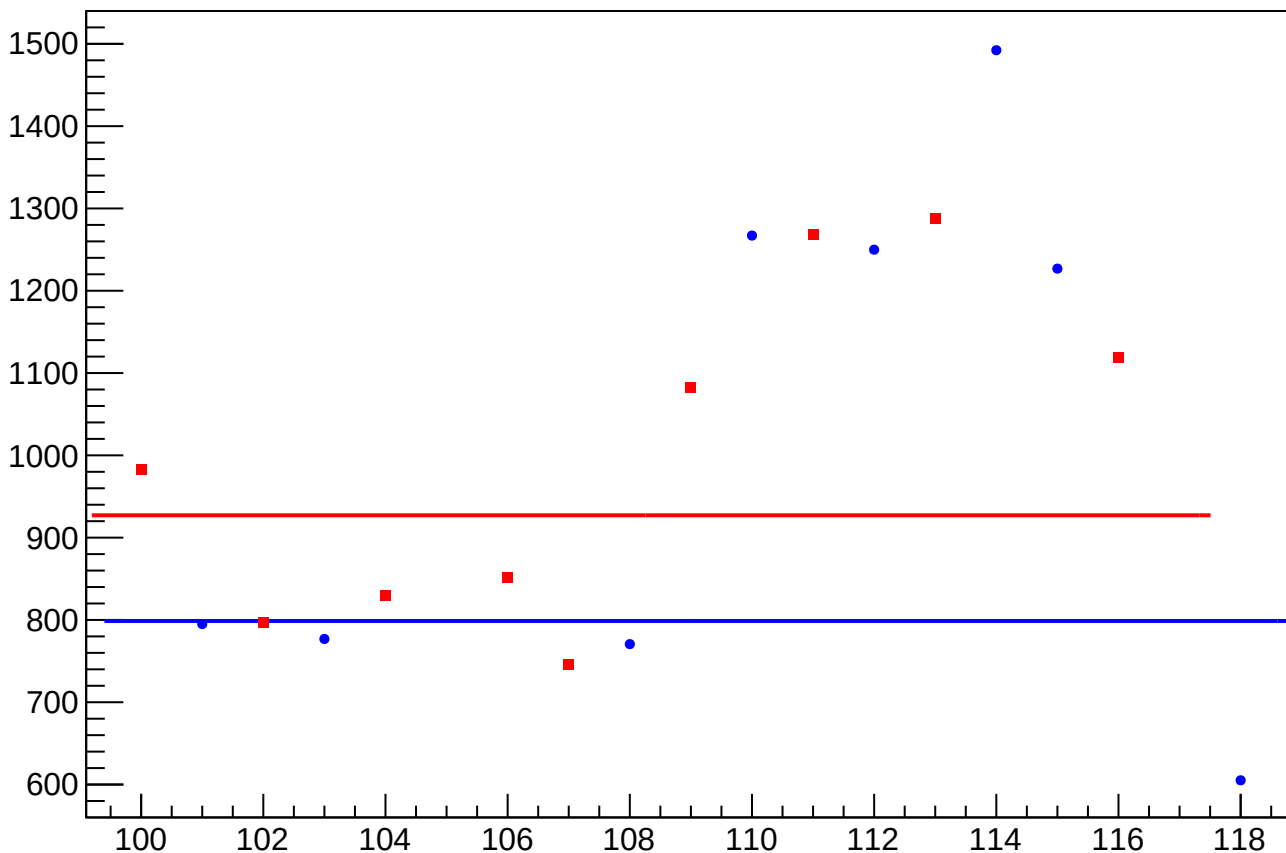
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.410+/-338.499 χ^2/NDF : 8.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



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: 927.152+/-0.360 χ^2/NDF : 257615.6/8

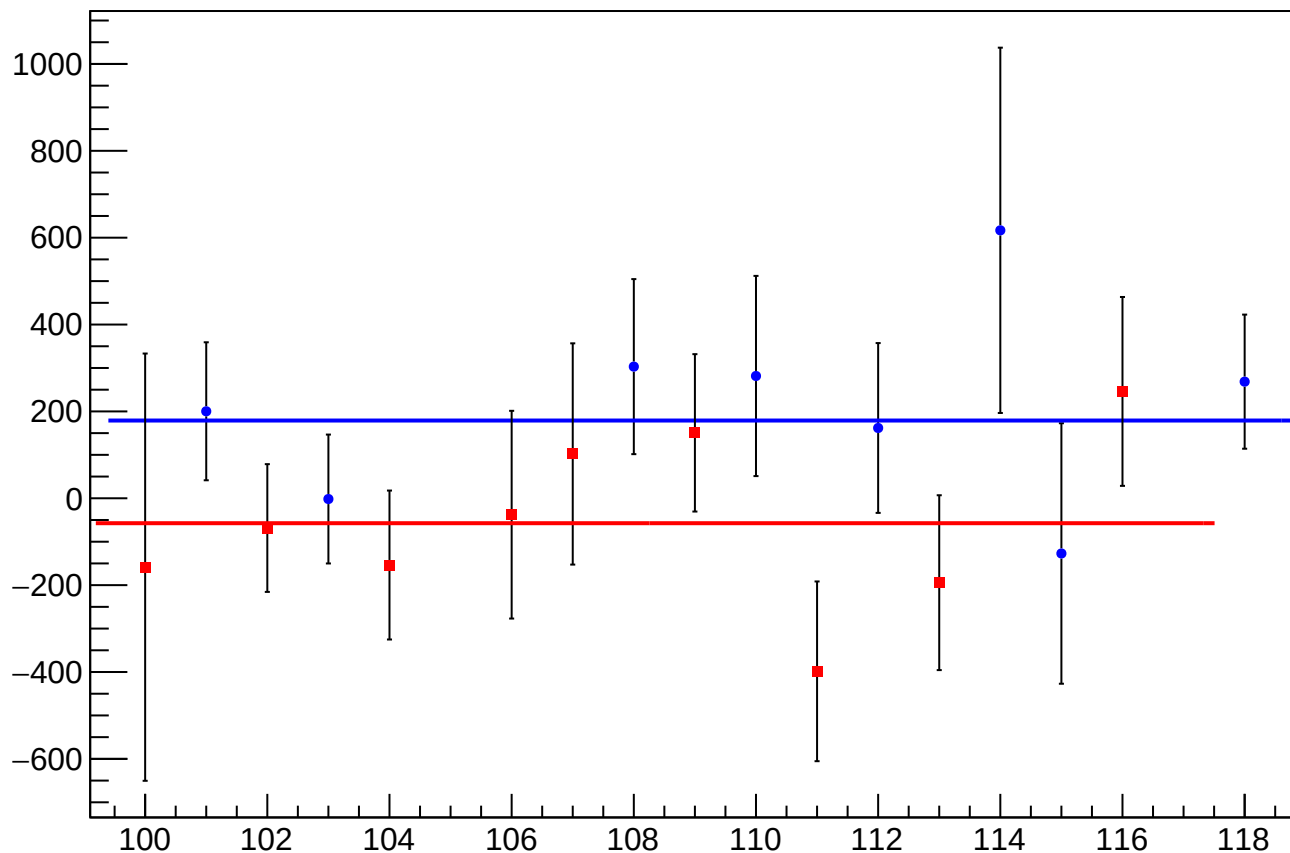
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.386+/-0.239 χ^2/NDF : 758252.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



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: -57.386 $\pm$ 67.896 χ^2 /NDF: 7.2/8

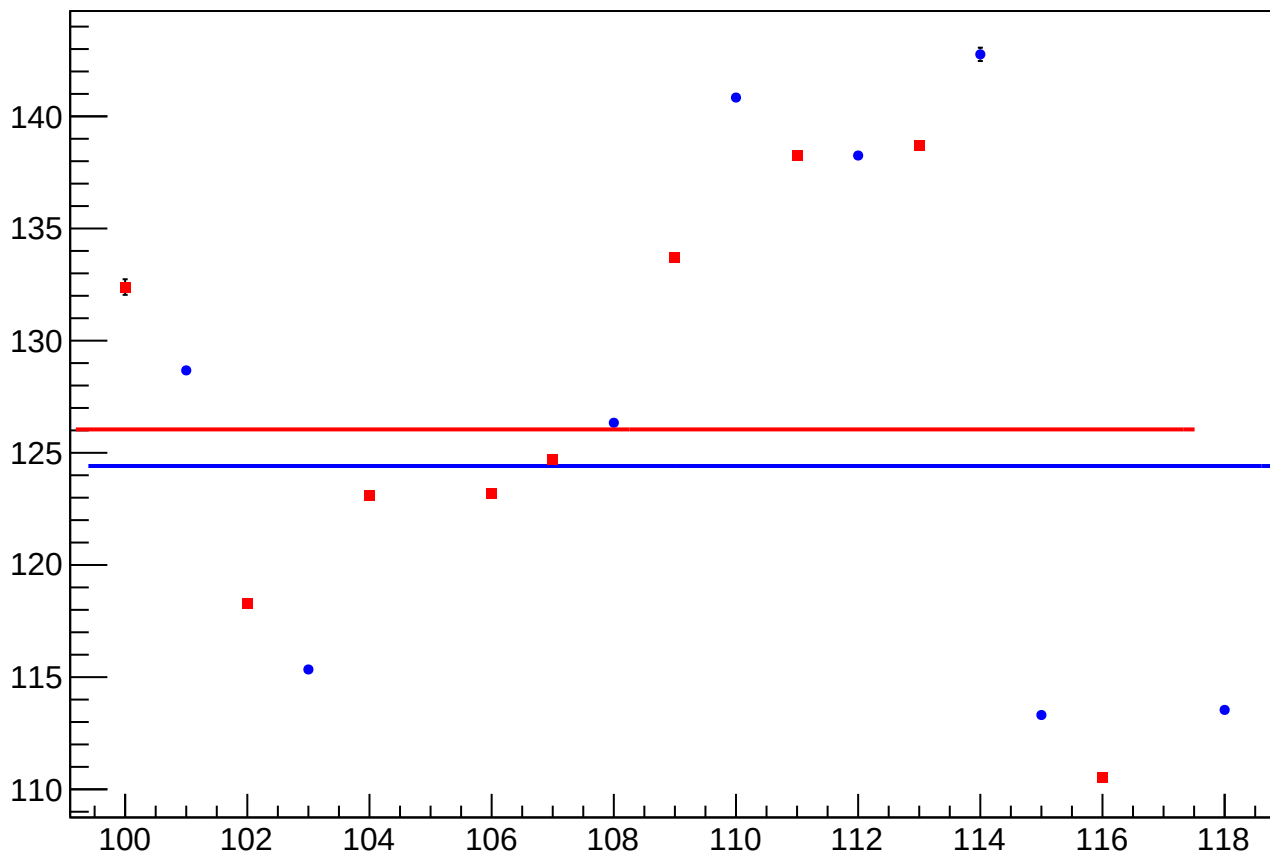
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.837 $\pm$ 48.207 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



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: 126.043 $\pm$ 0.048 χ^2 /NDF: 35509.7/8

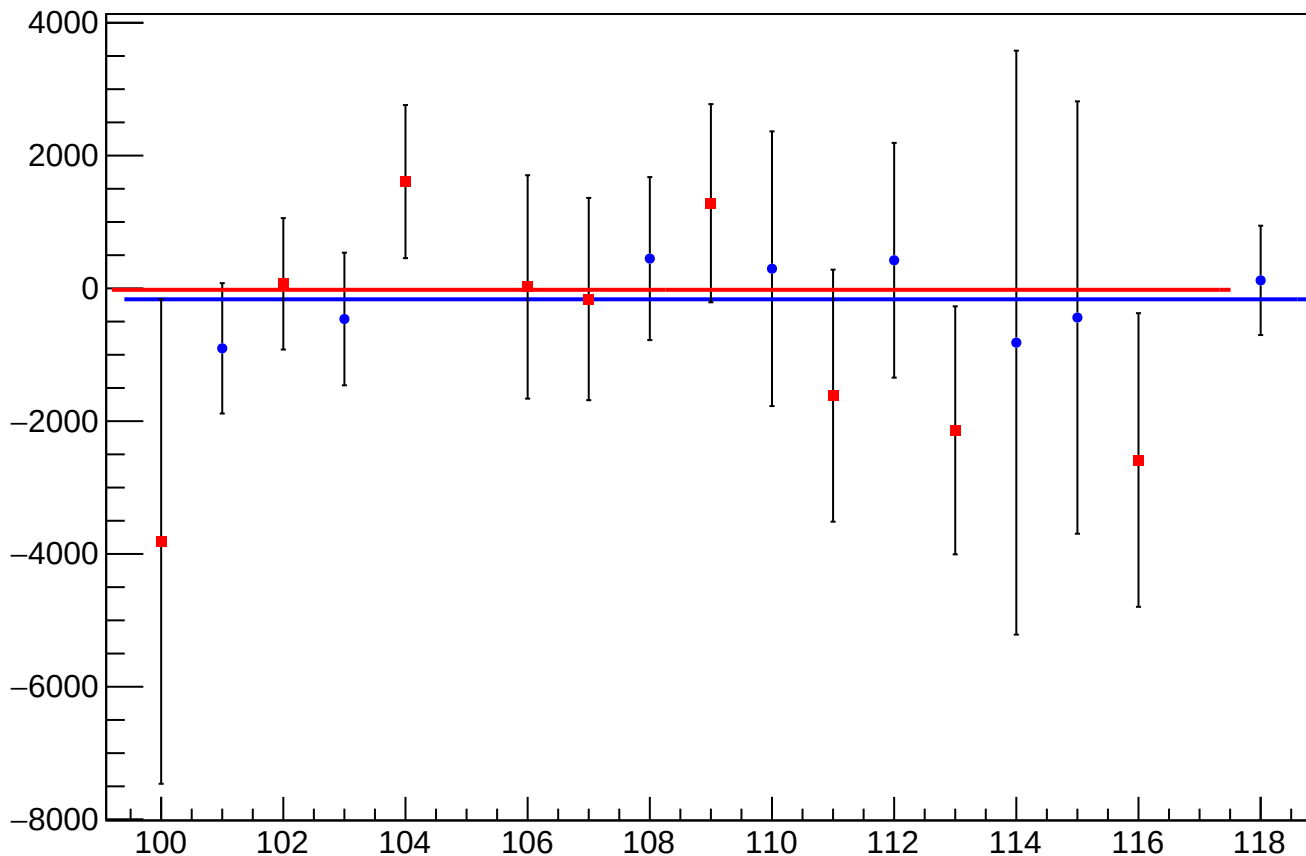
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.235 $\pm$ 0.034 χ^2 /NDF: 81827.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug



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: -21.346+/-509.690 χ^2/NDF : 7.2/8

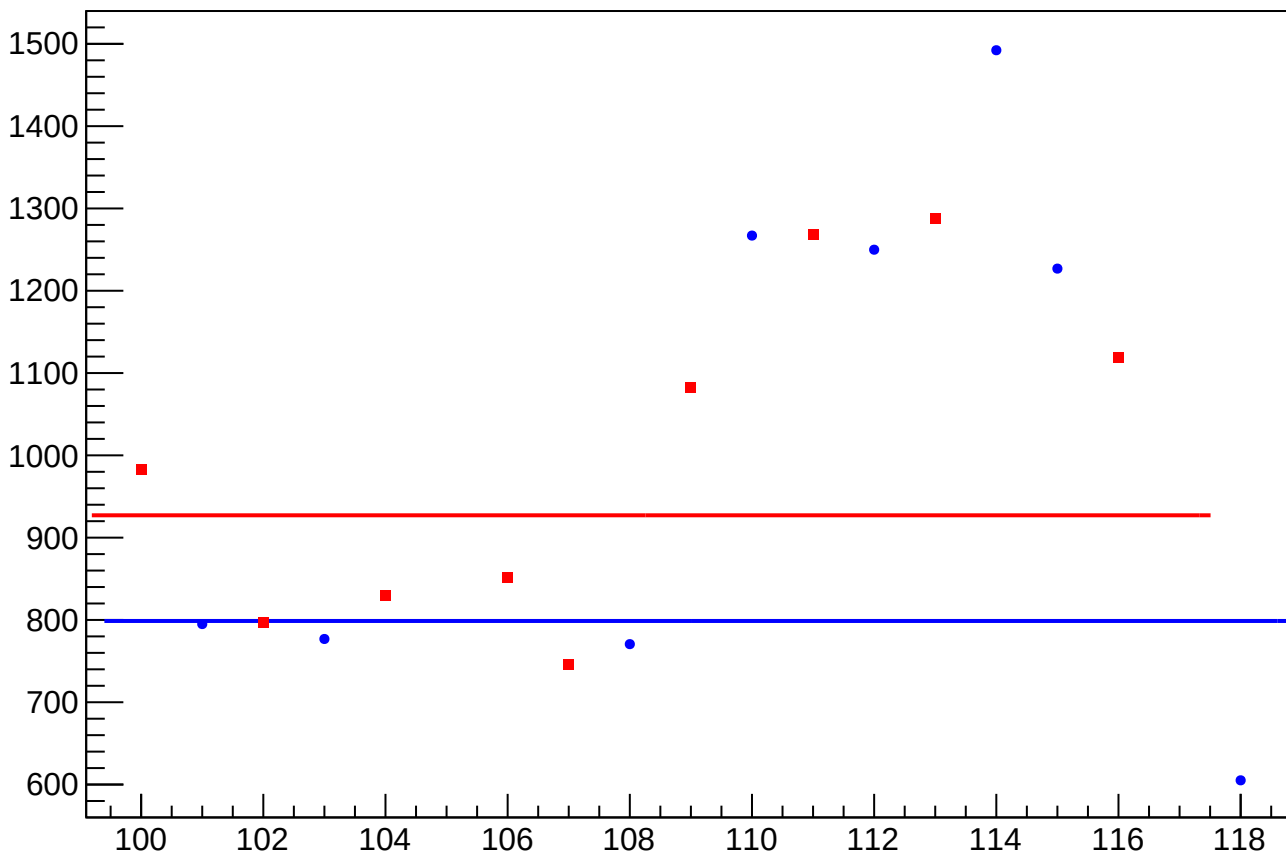
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.410+/-338.499 χ^2/NDF : 8.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



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: 927.152+/-0.360 χ^2/NDF : 257615.6/8

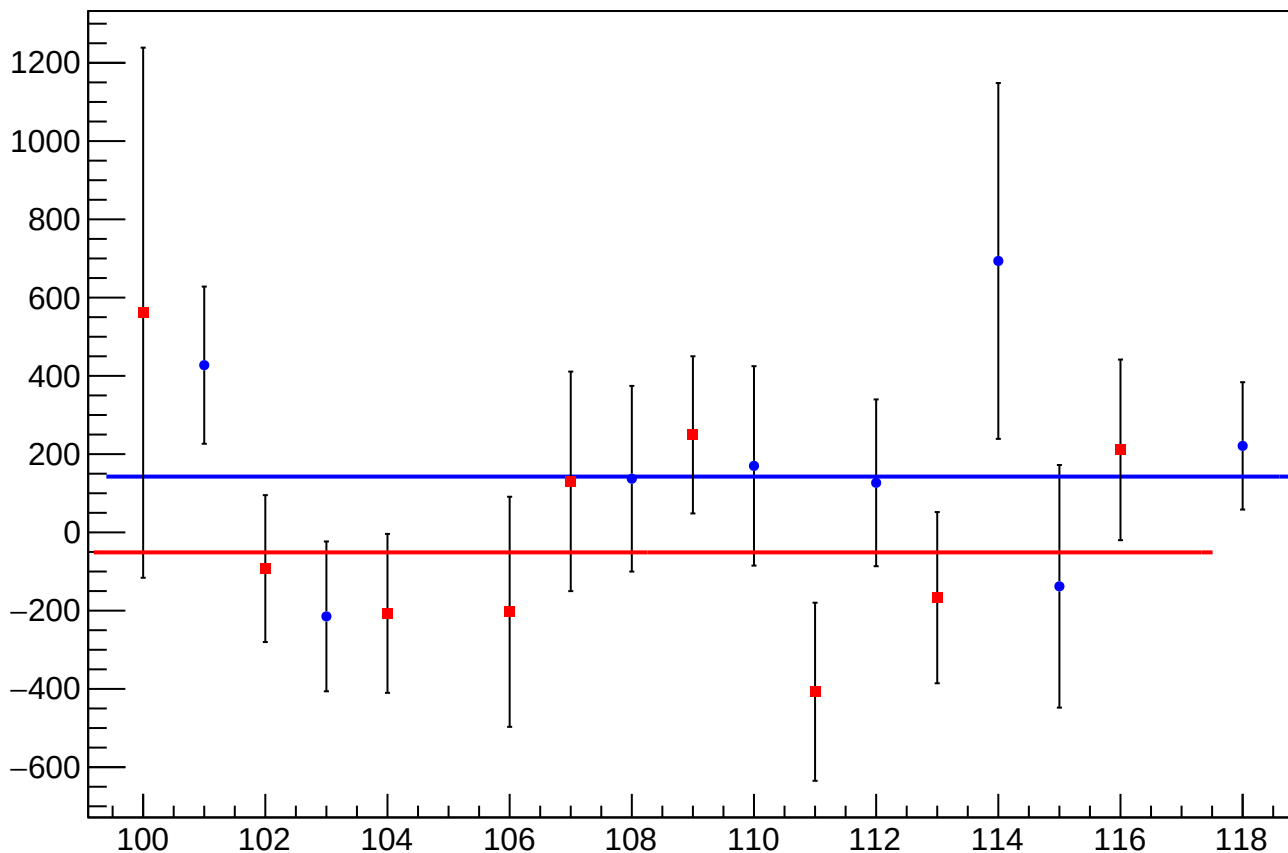
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.386+/-0.239 χ^2/NDF : 758252.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



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: -51.107 $\pm$ 78.361 χ^2 /NDF: 8.4/8

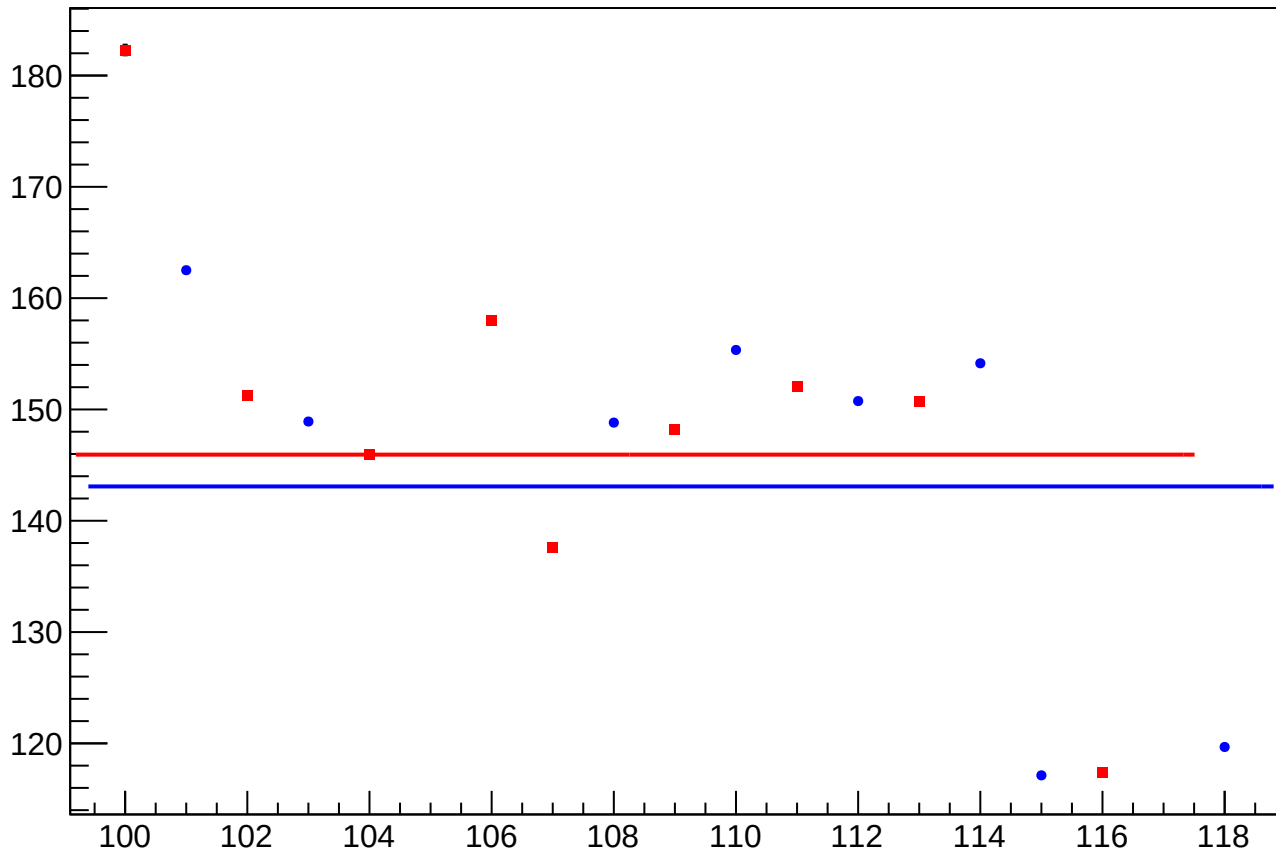
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.959 $\pm$ 55.633 χ^2 /NDF: 19.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 143.083 $\pm$ 0.056 χ^2 /NDF: 85539.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.942 $\pm$ 0.055 χ^2 /NDF: 45822.6/8

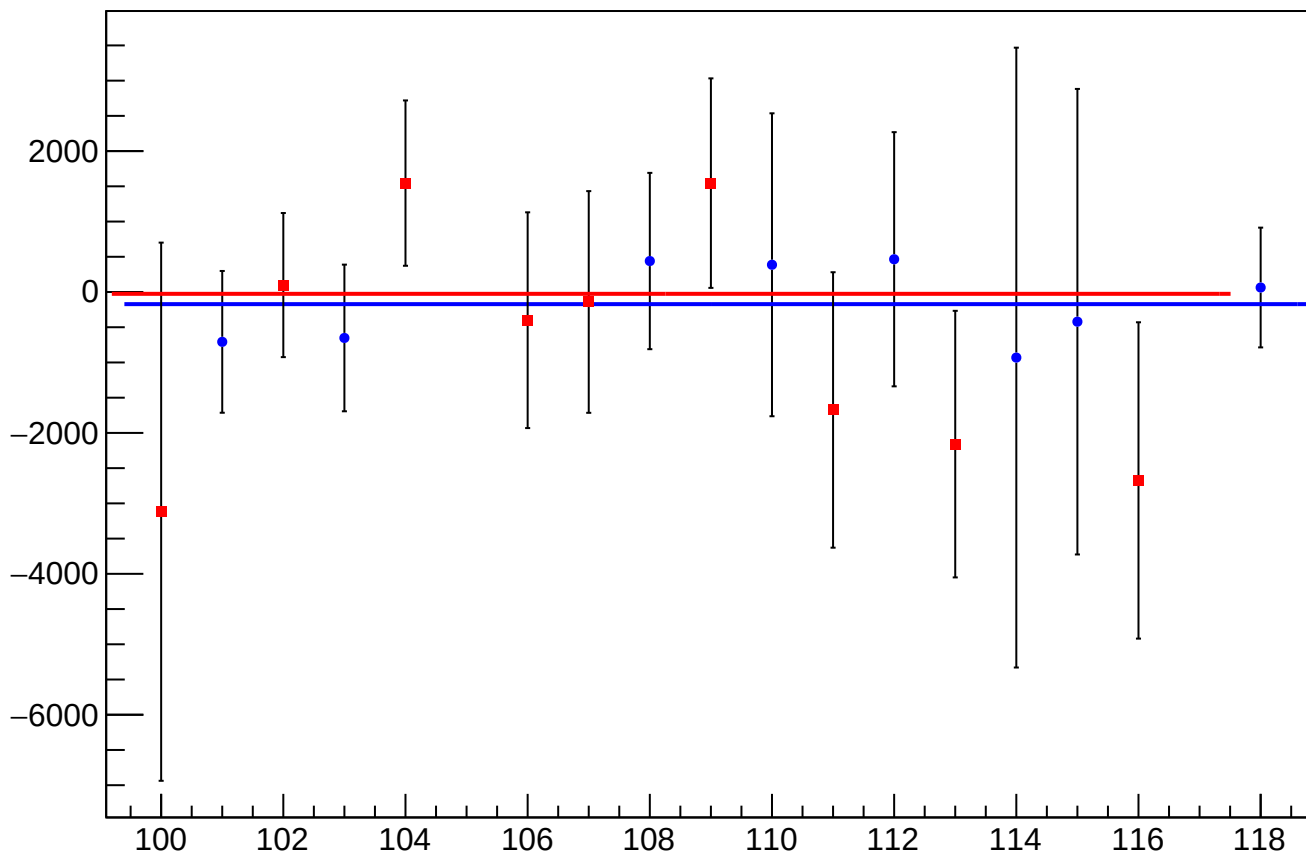
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.524 $\pm$ 0.039 χ^2 /NDF: 132682.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



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: -25.841+/-514.792 χ^2/NDF : 7.0/8

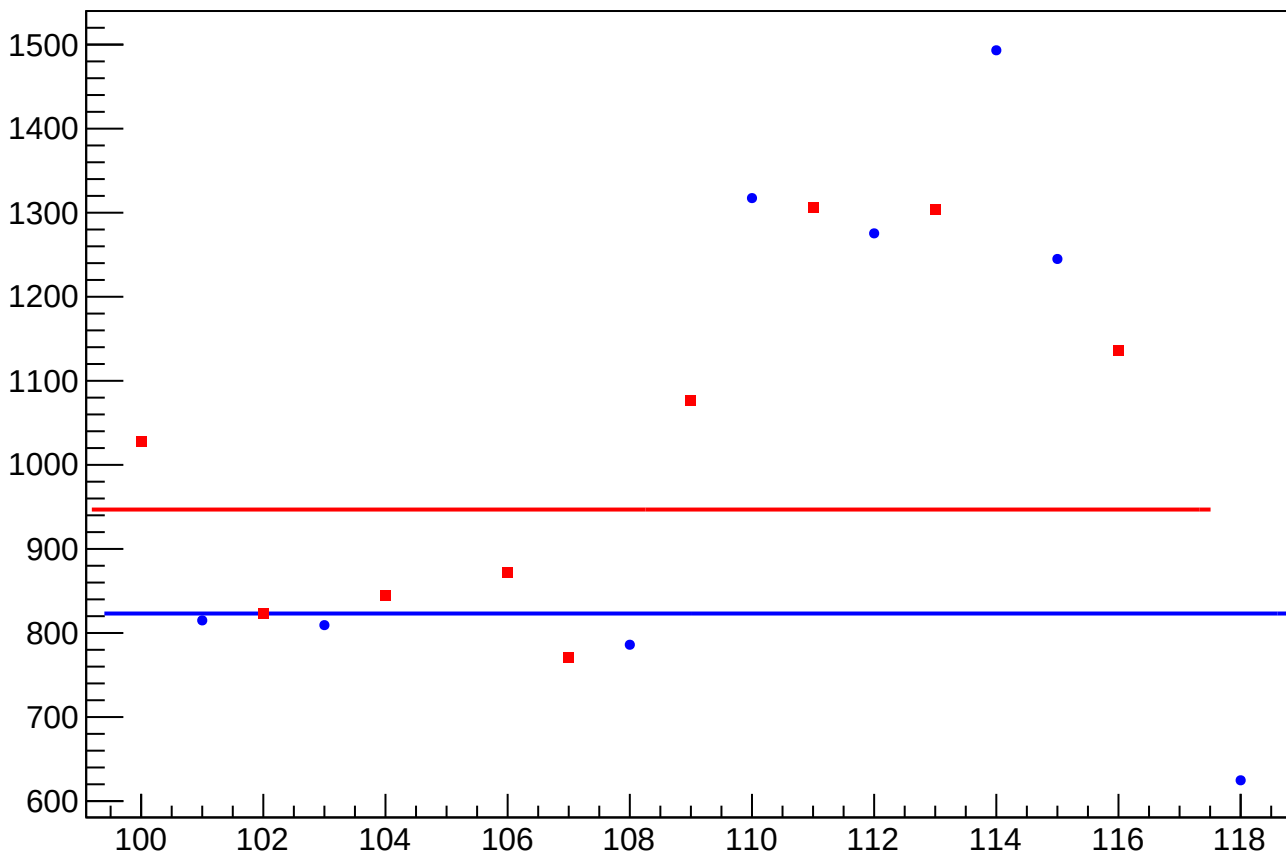
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.219+/-345.559 χ^2/NDF : 8.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



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: 946.858+/-0.364 χ^2/NDF : 243382.3/8

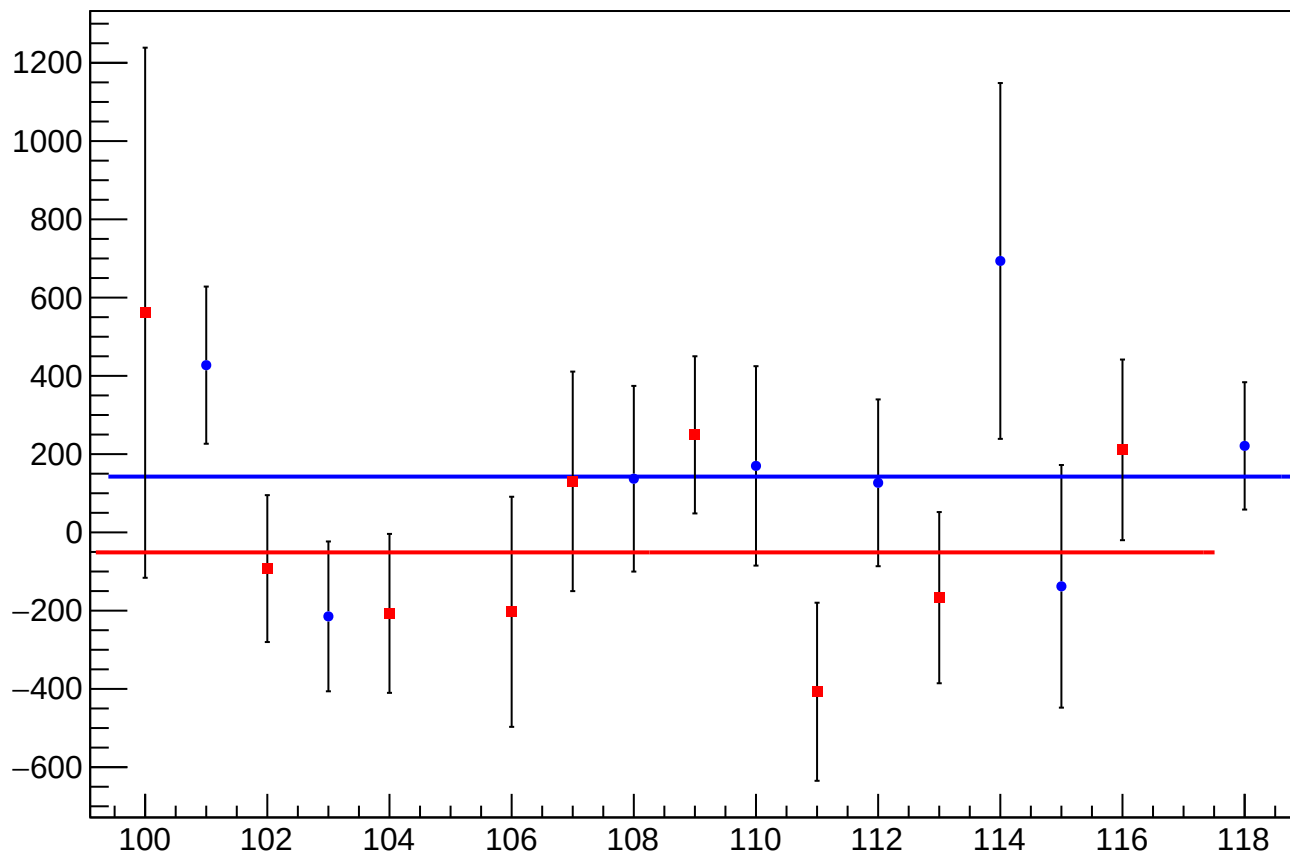
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.898+/-0.244 χ^2/NDF : 728476.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



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: -51.108 $\pm$ 78.361 χ^2 /NDF: 8.4/8

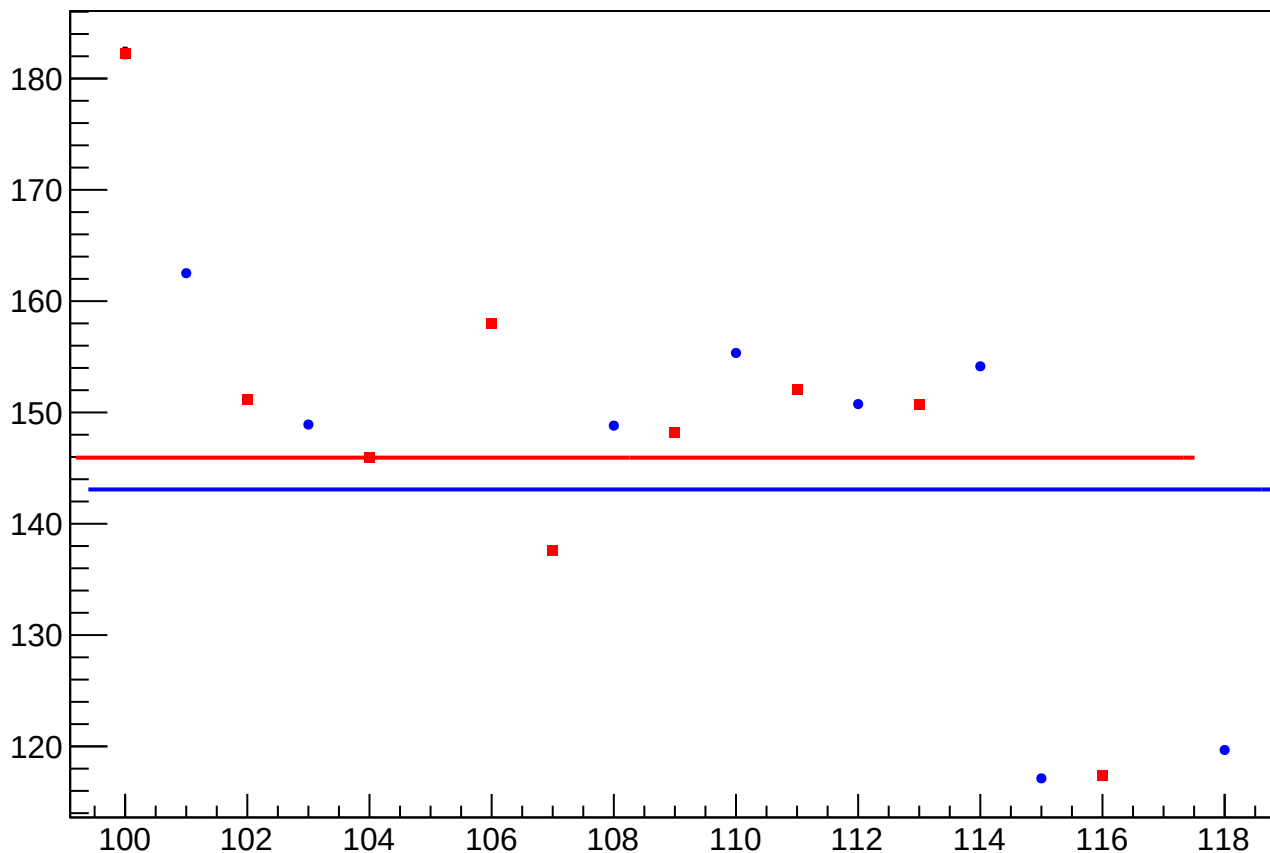
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.957 $\pm$ 55.633 χ^2 /NDF: 19.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 143.083 $\pm$ 0.056 χ^2 /NDF: 85535.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 145.941 $\pm$ 0.055 χ^2 /NDF: 45819.3/8

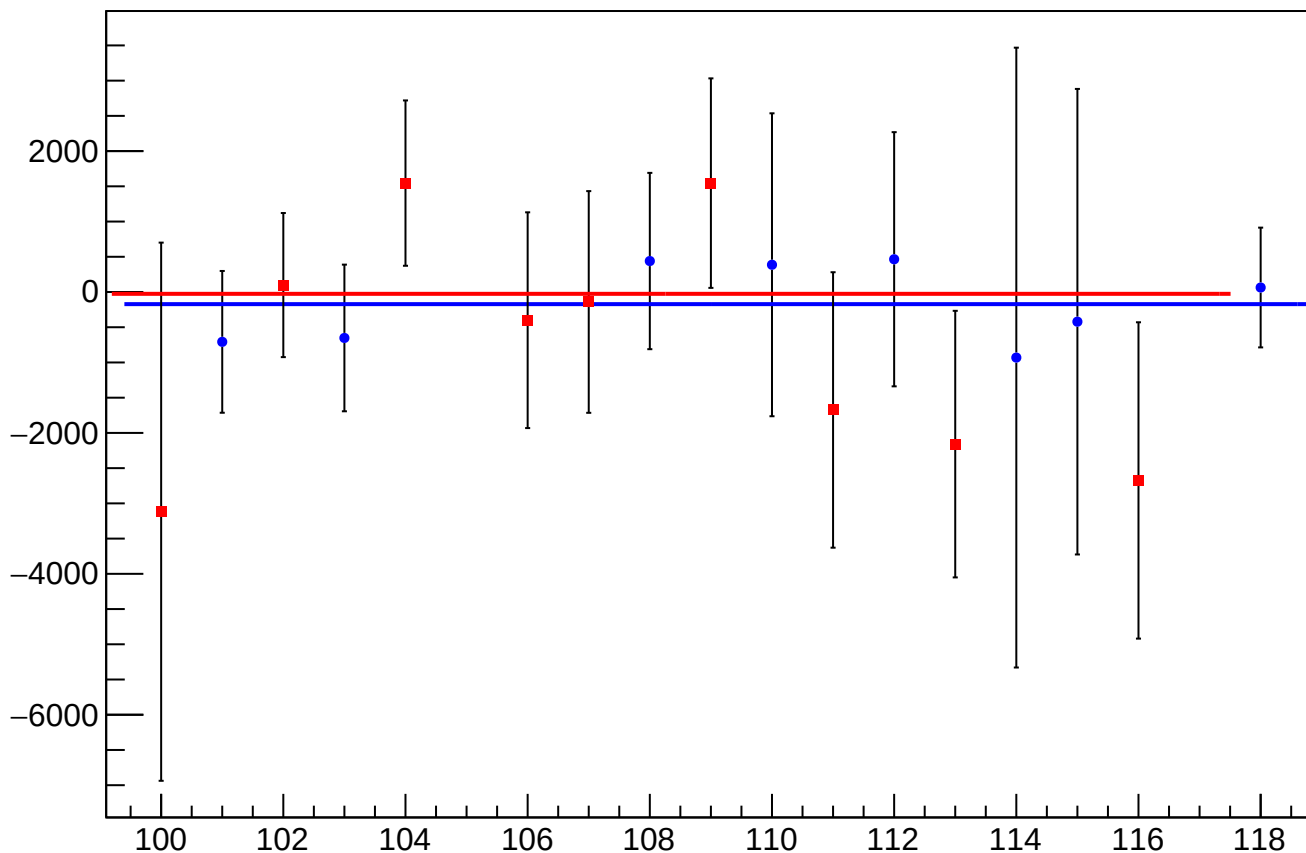
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 144.524 $\pm$ 0.039 χ^2 /NDF: 132674.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



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: -25.840+/-514.791 χ^2/NDF : 7.0/8

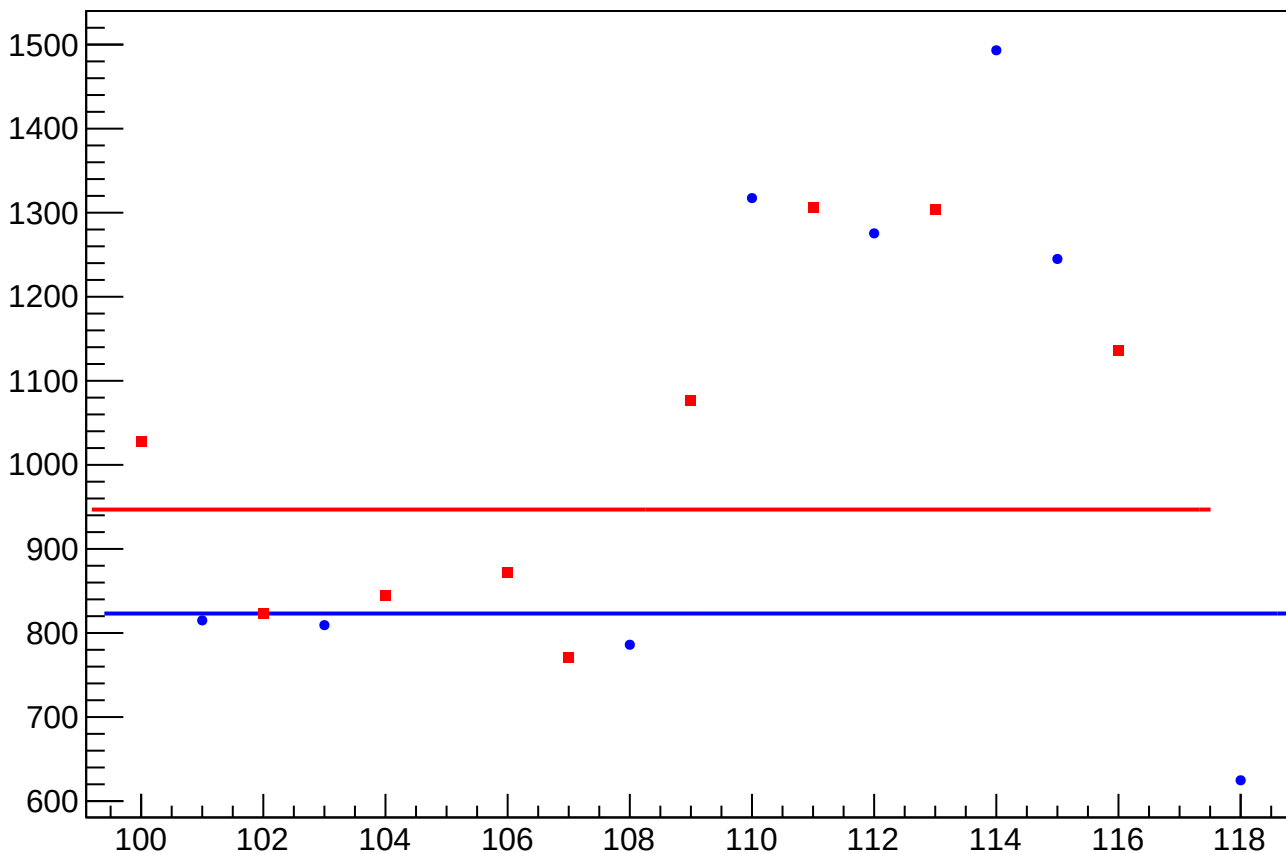
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -106.219+/-345.558 χ^2/NDF : 8.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



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: 946.855+/-0.364 χ^2/NDF : 243381.6/8

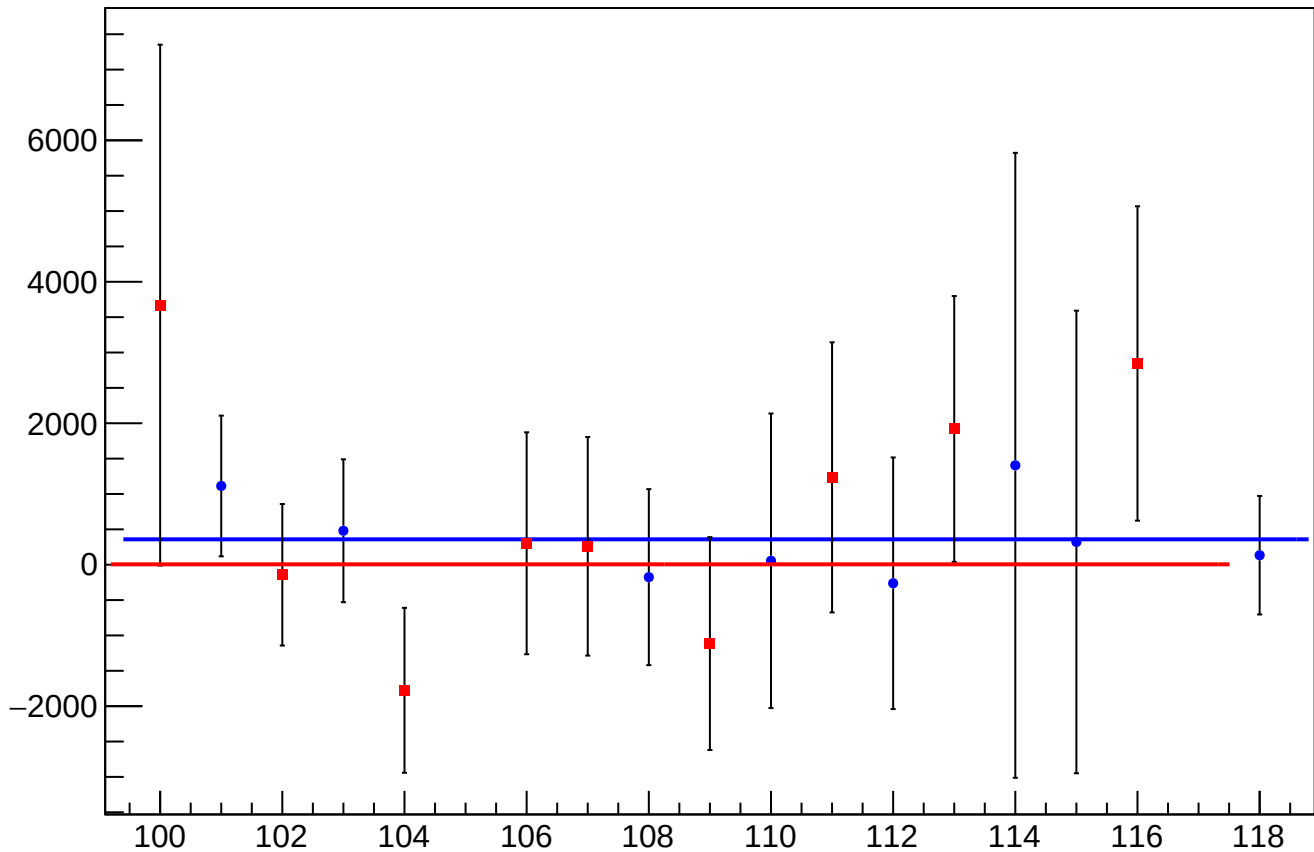
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.896+/-0.244 χ^2/NDF : 728469.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 358.895 $\pm$ 458.691 χ^2 /NDF: 1.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.298 $\pm$ 510.609 χ^2 /NDF: 7.0/8

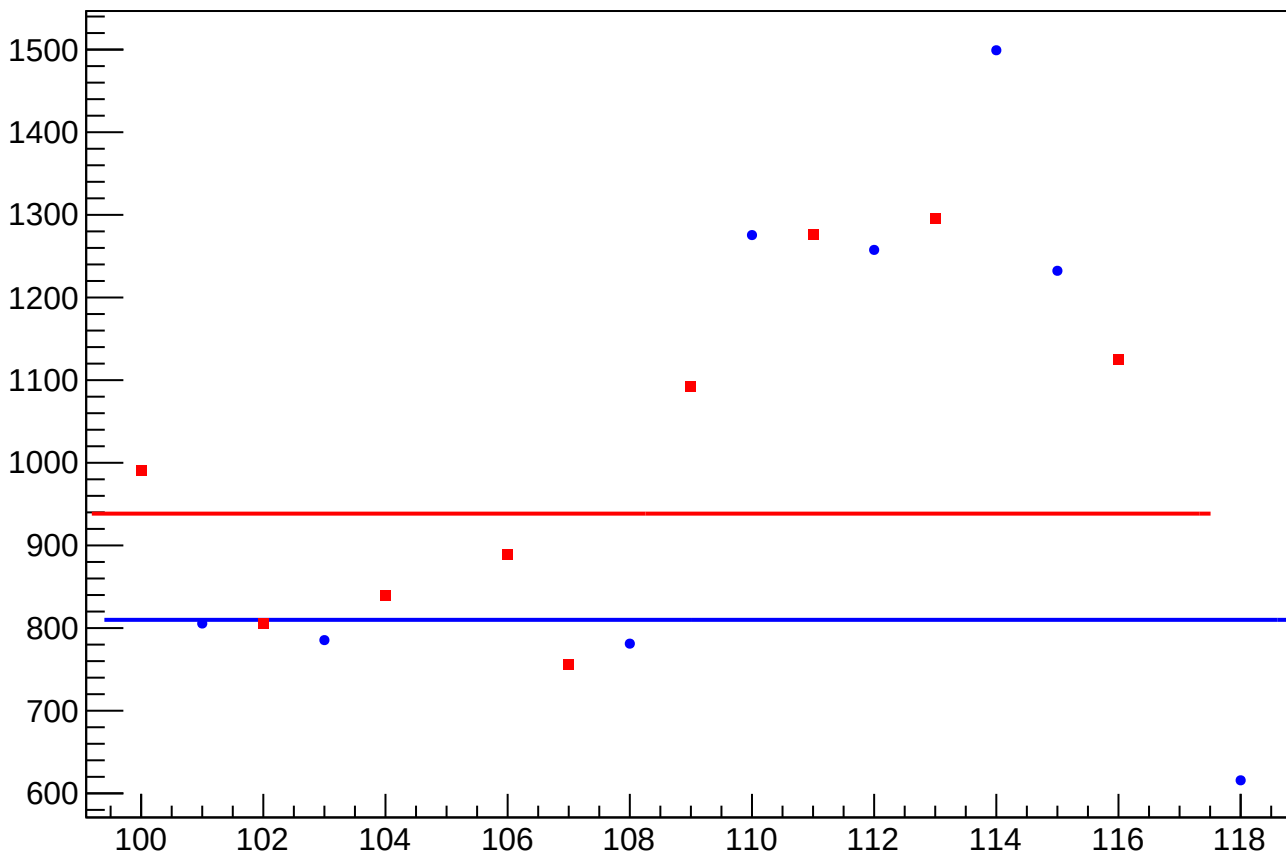
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 200.982 $\pm$ 341.227 χ^2 /NDF: 8.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



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: 938.487+/-0.361 χ^2/NDF : 249763.7/8

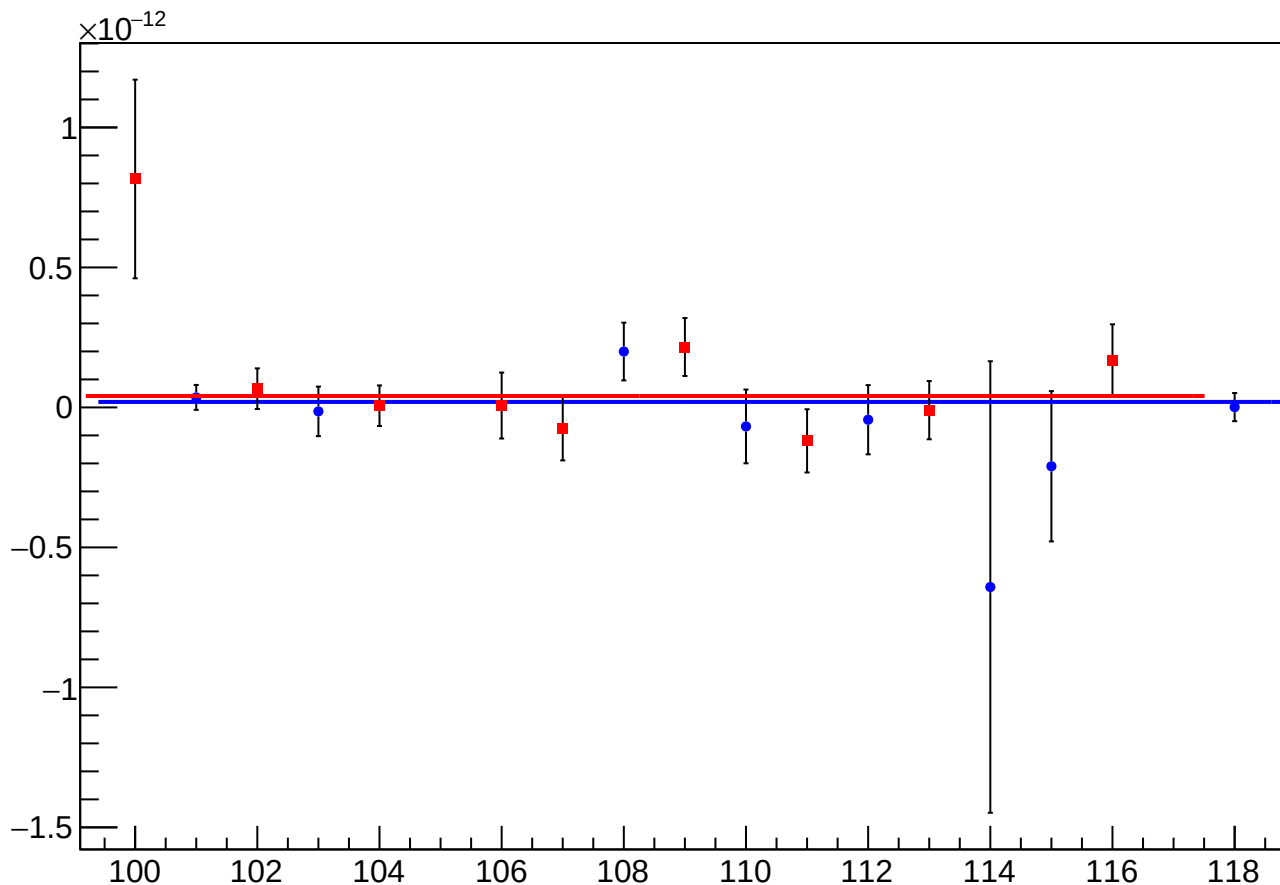
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.361+/-0.241 χ^2/NDF : 738277.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.4/8

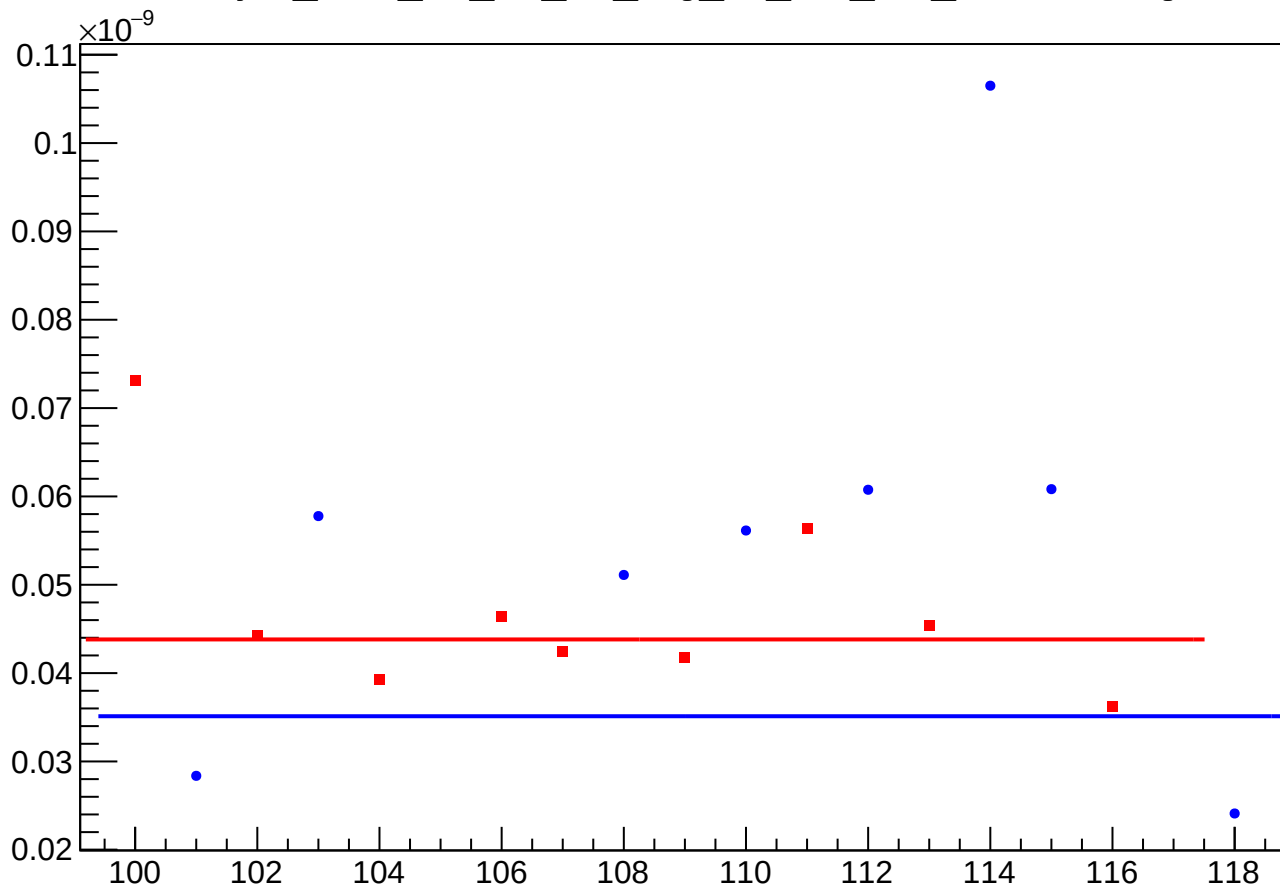
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug



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 : 55689.8/8

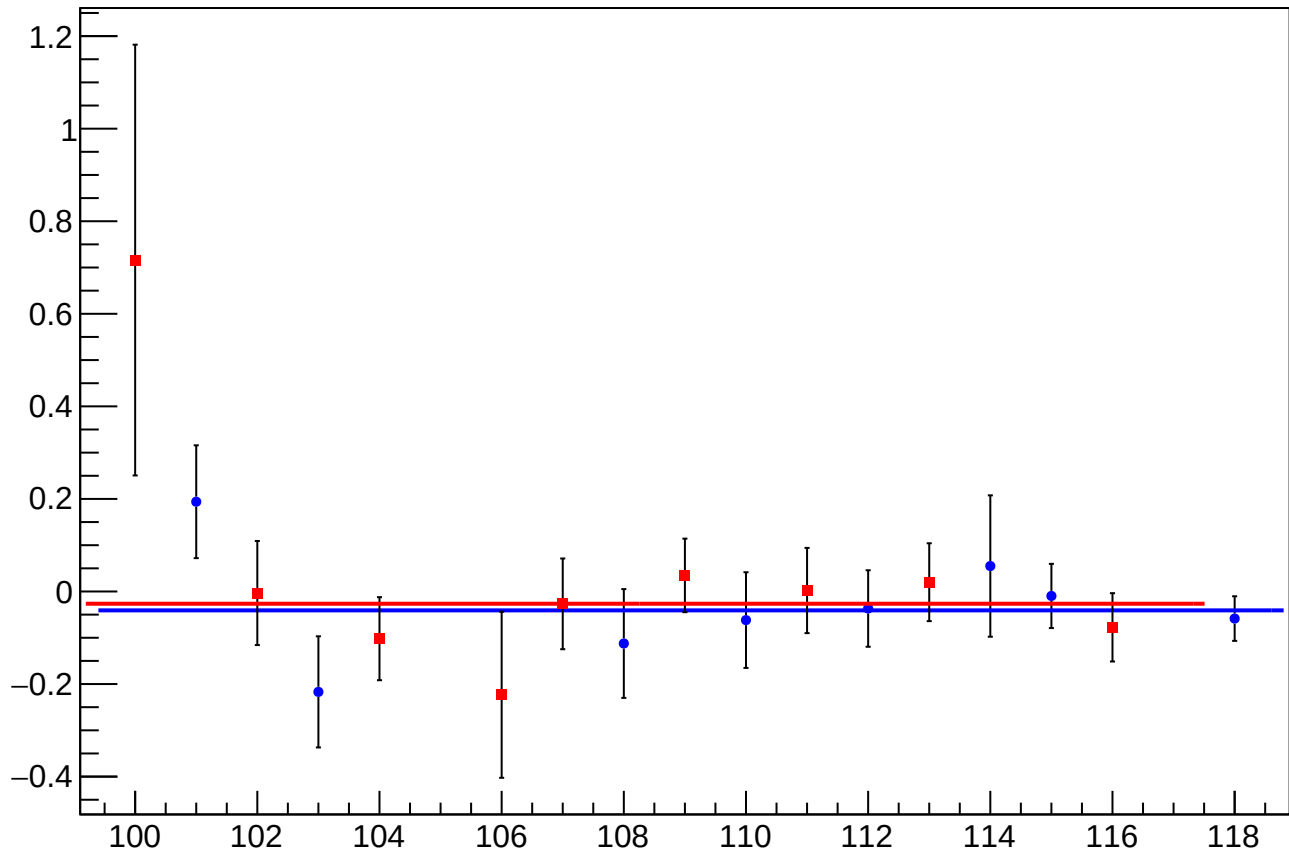
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 624981.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



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: -0.026 $\pm$ 0.033 χ^2 /NDF: 6.0/8

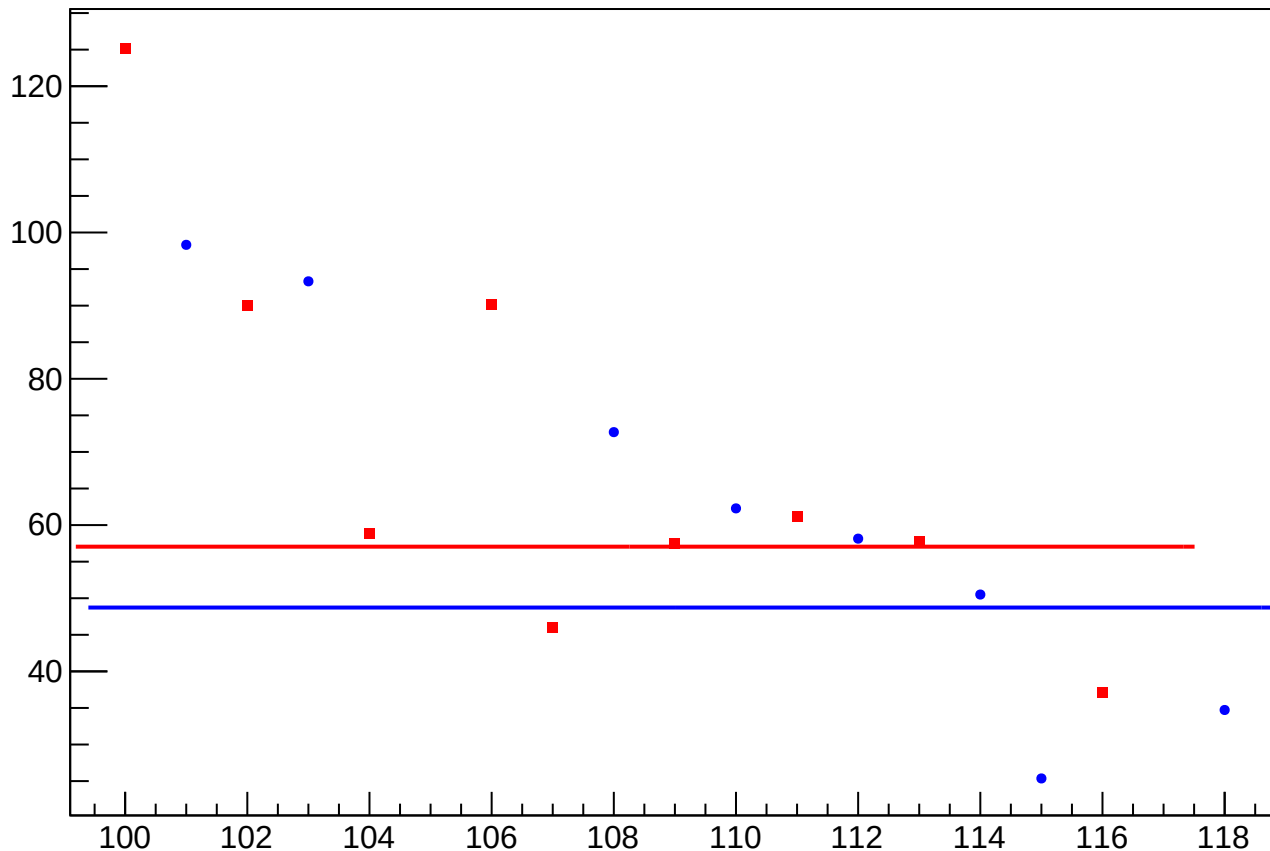
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 48.727 $\pm$ 0.021 χ^2 /NDF: 1146920.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.049 $\pm$ 0.023 χ^2 /NDF: 459500.5/8

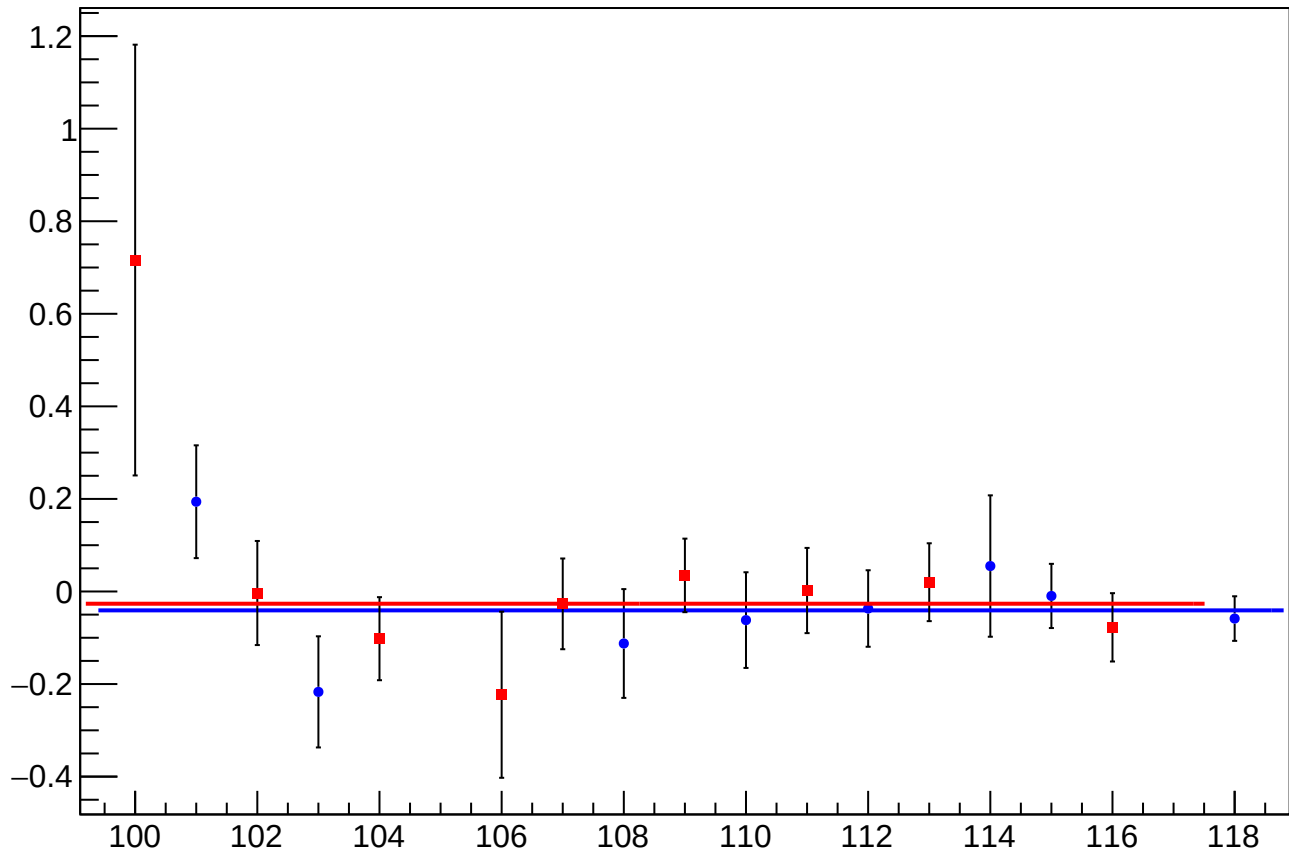
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.514 $\pm$ 0.016 χ^2 /NDF: 1677694.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.026 $\pm$ 0.033 χ^2 /NDF: 6.0/8

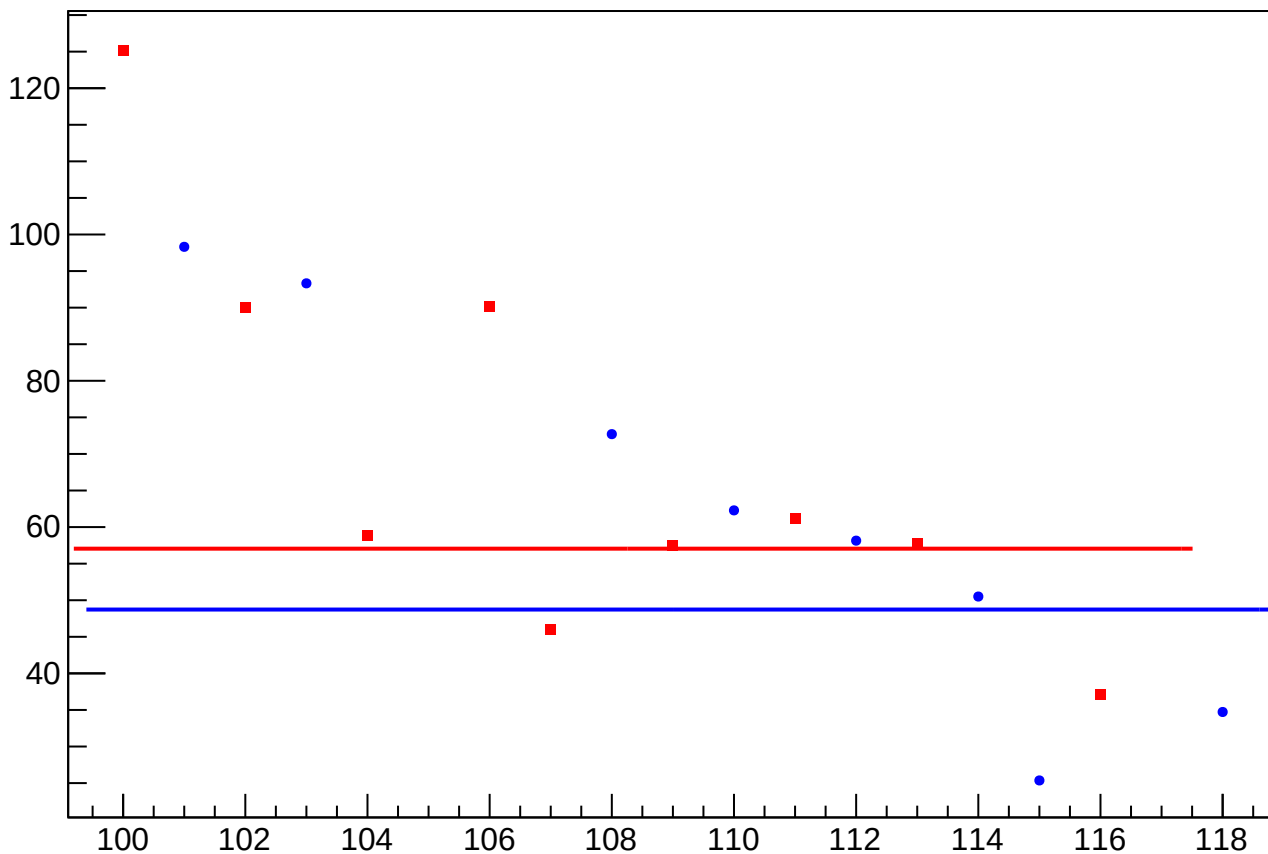
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.727 $\pm$ 0.021 χ^2 /NDF: 1146920.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.049 $\pm$ 0.023 χ^2 /NDF: 459500.5/8

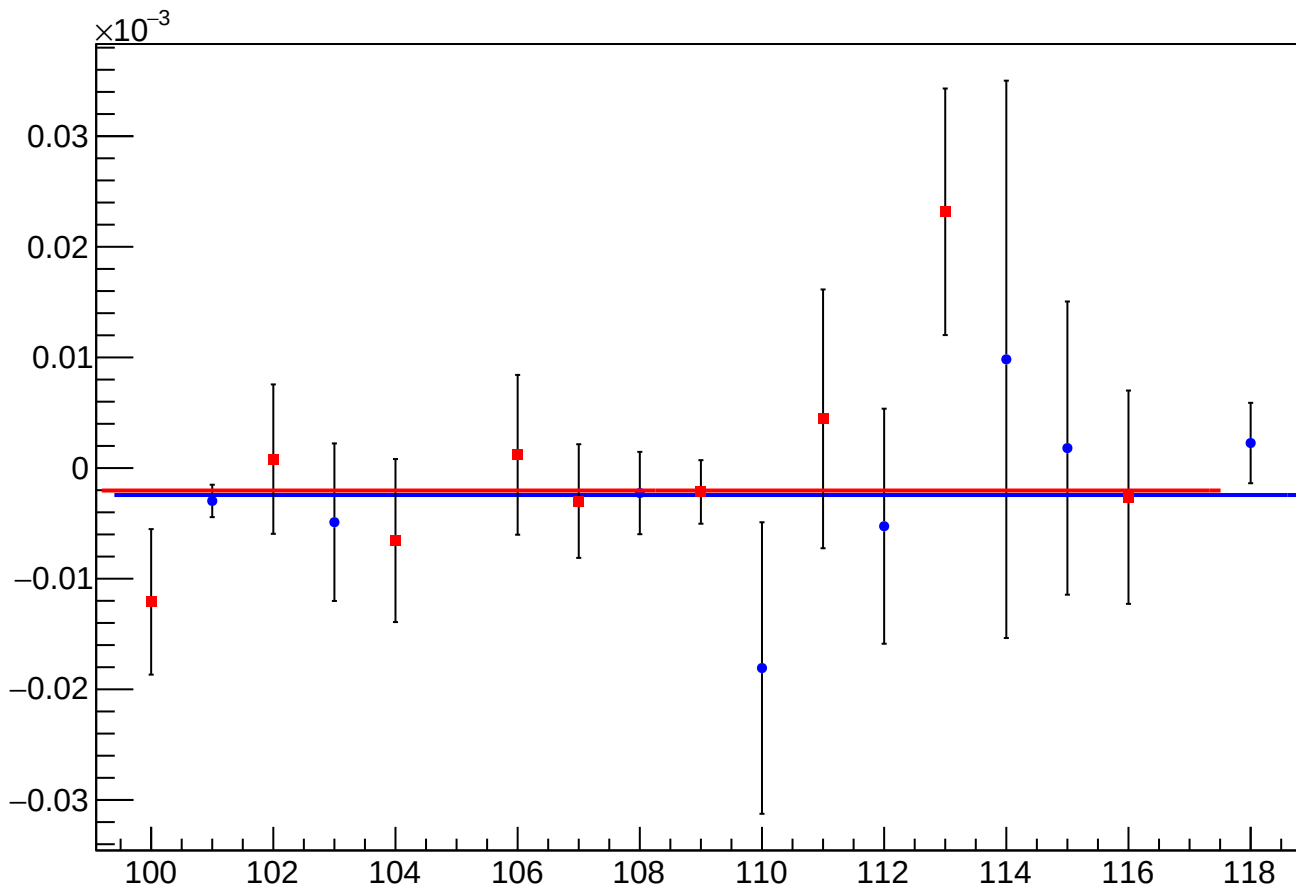
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.514 $\pm$ 0.016 χ^2 /NDF: 1677694.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 8.6/8

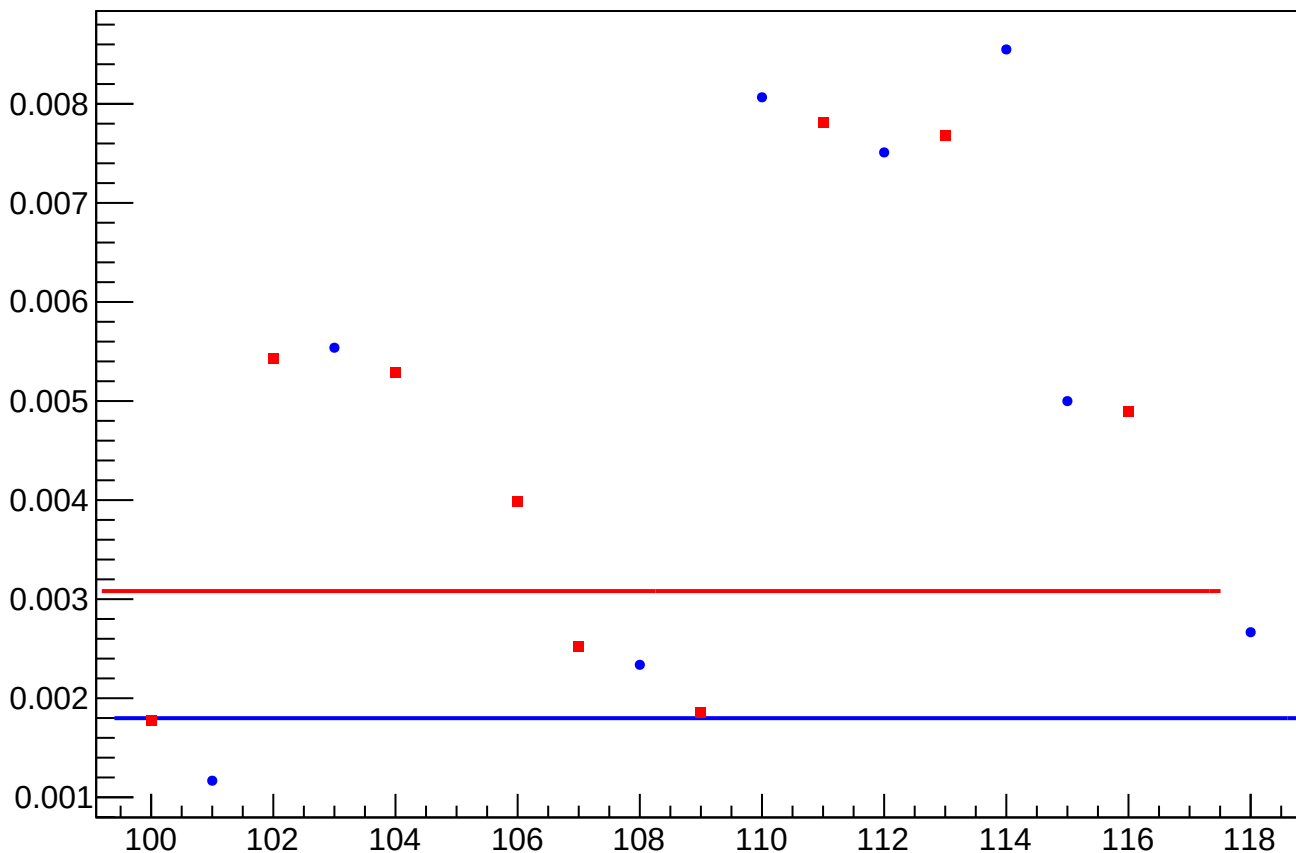
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1663375.6/8

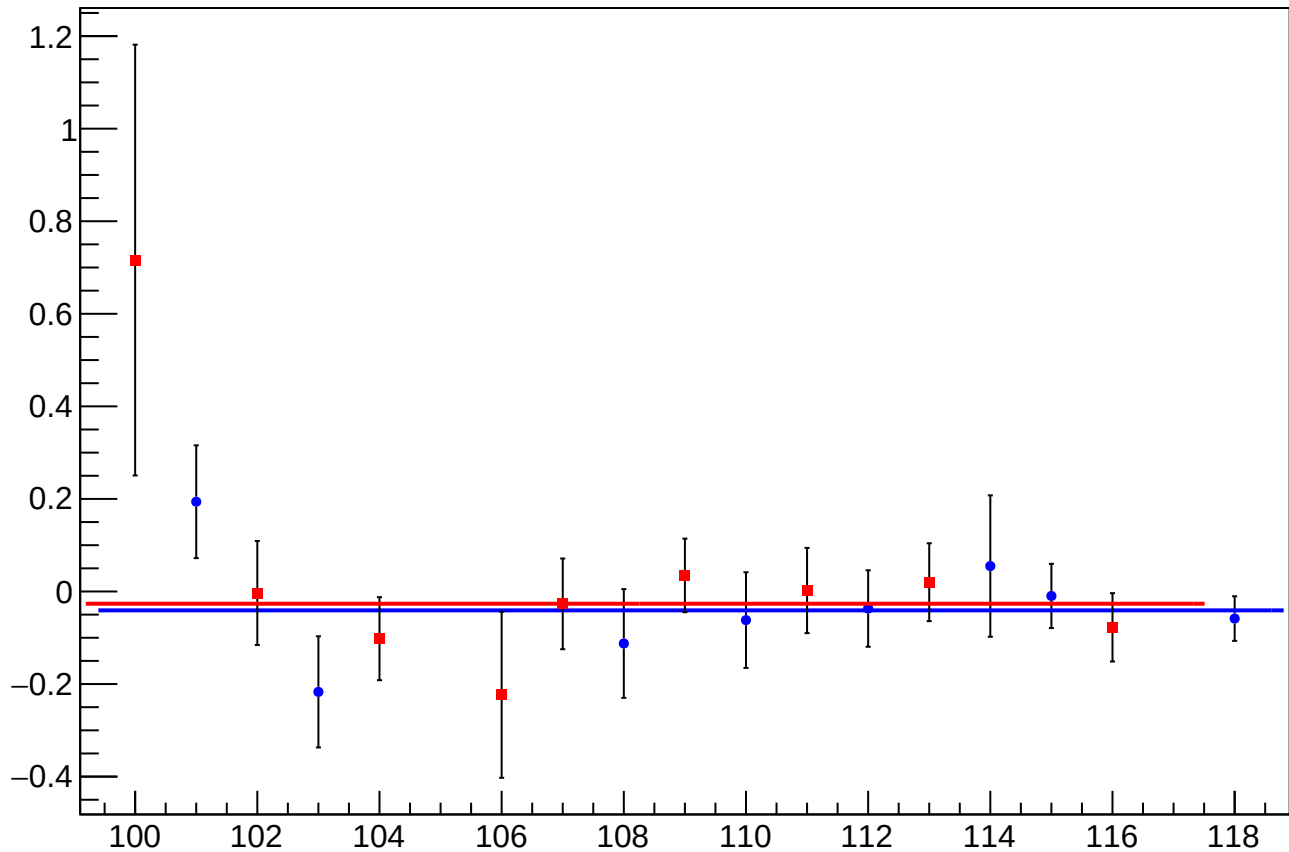
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4659253.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.026 $\pm$ 0.033 χ^2 /NDF: 6.0/8

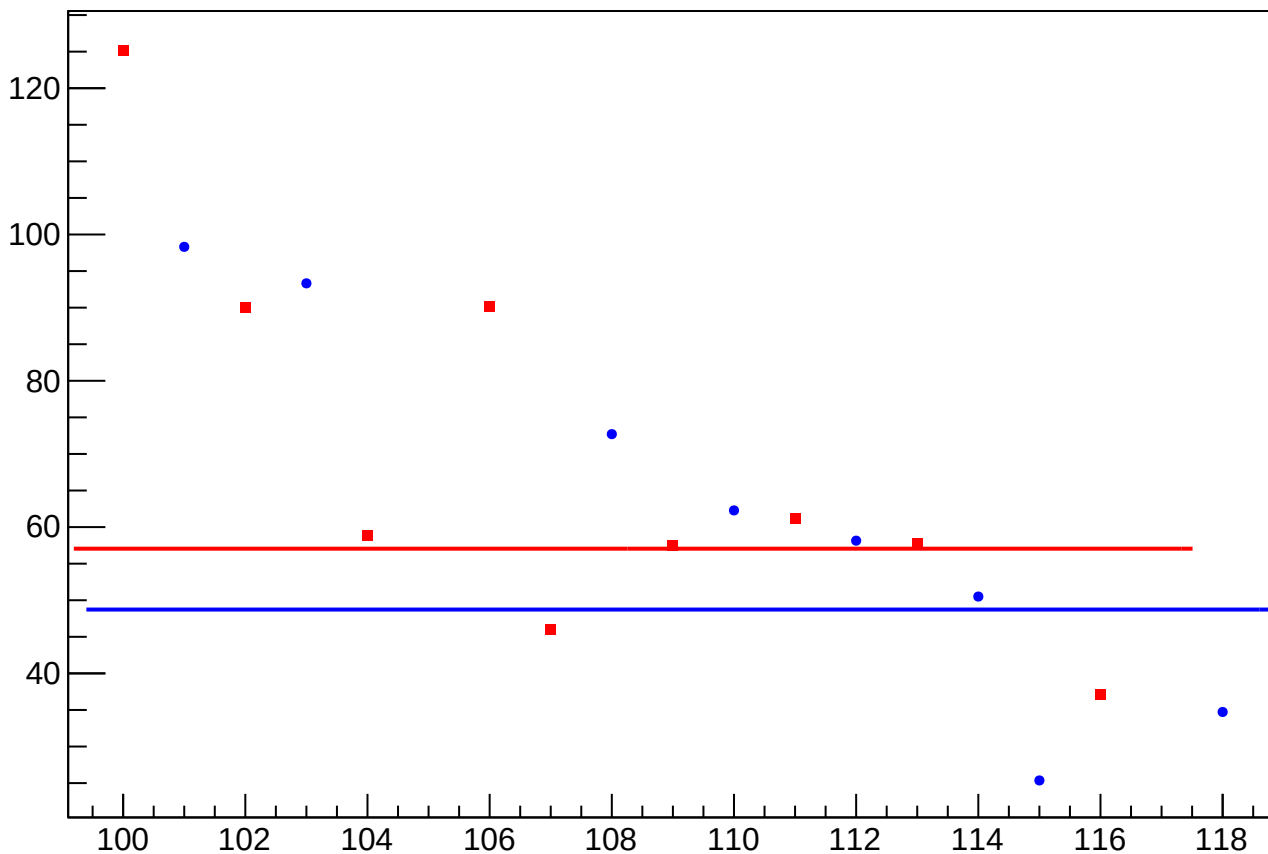
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 57.049+/-0.023 χ^2/NDF : 459439.6/8

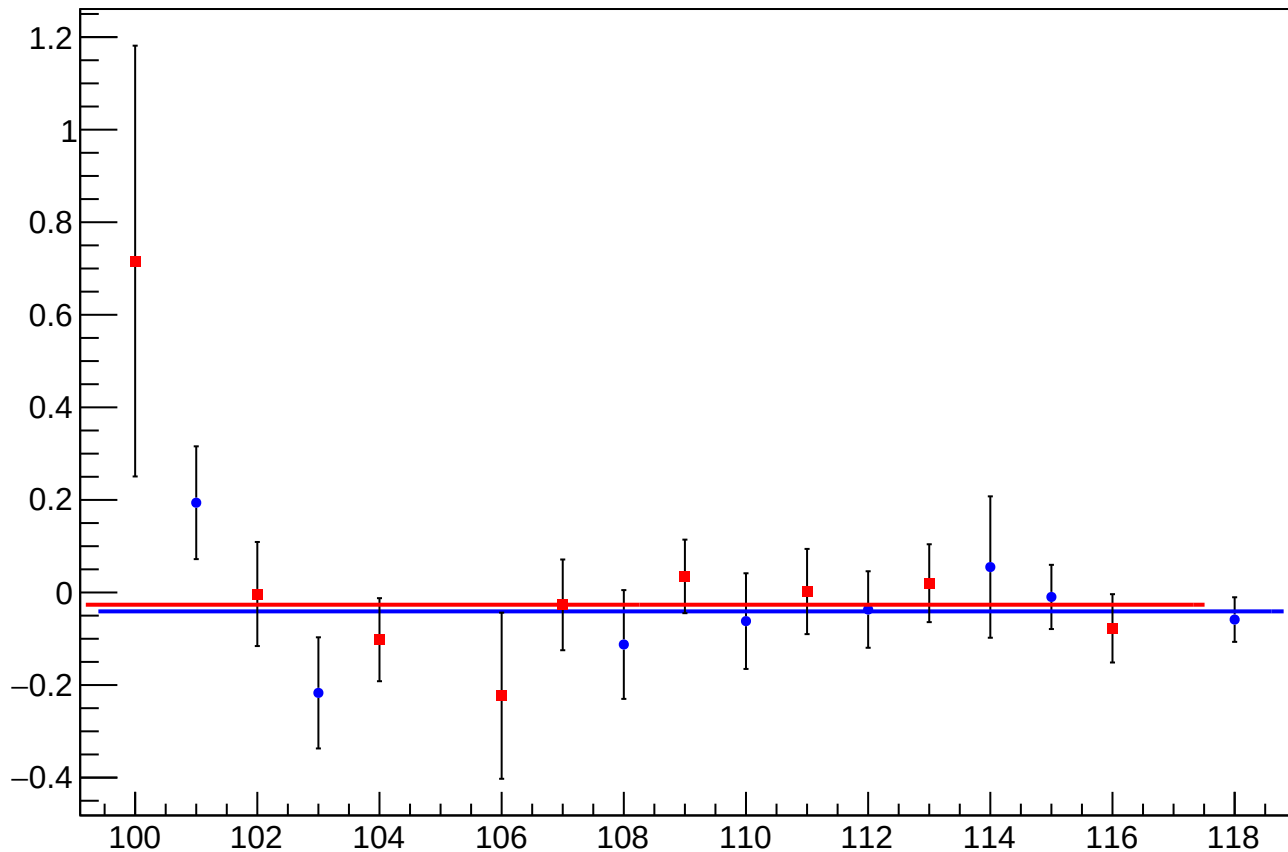
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.515+/-0.016 χ^2/NDF : 1677470.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.026 $\pm$ 0.033 χ^2 /NDF: 6.0/8

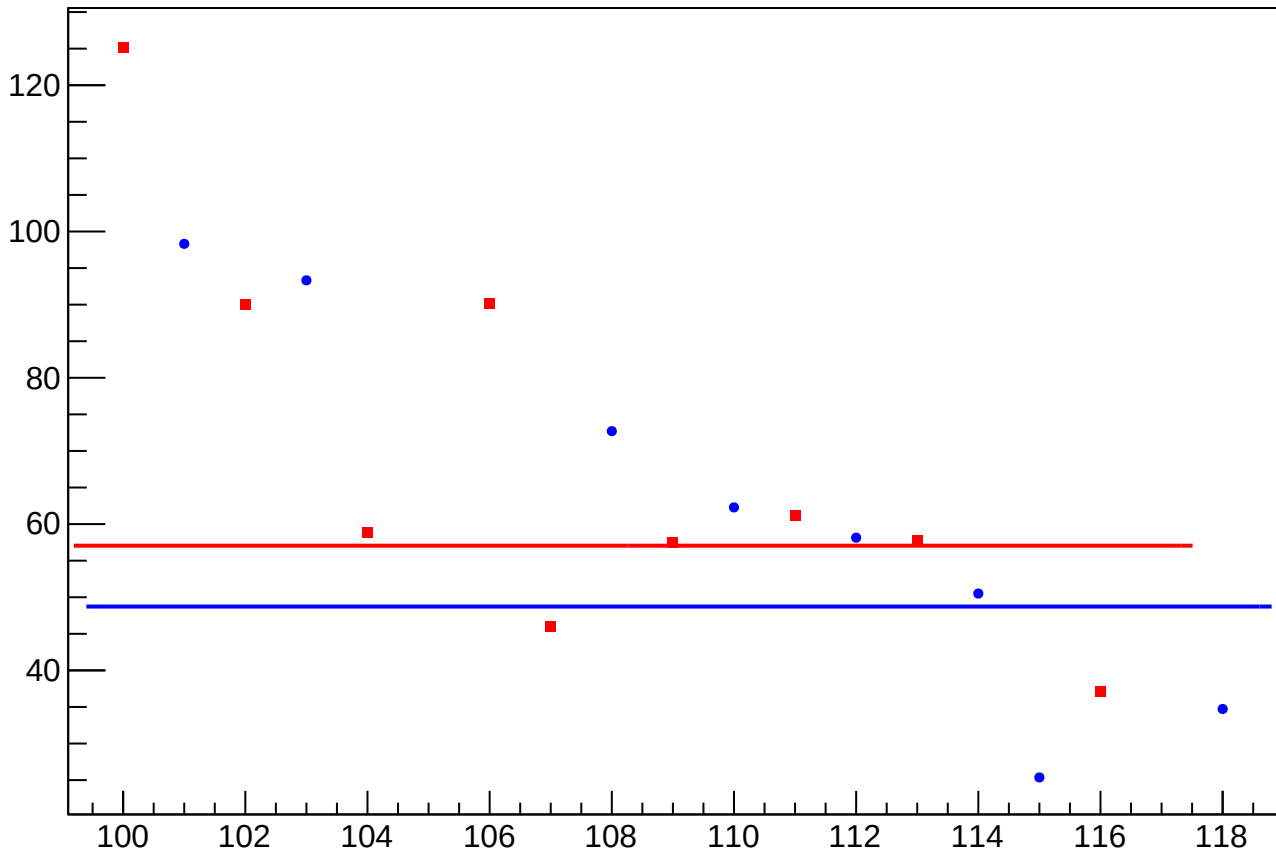
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.022 χ^2 /NDF: 13.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 57.049+/-0.023 χ^2/NDF : 459439.6/8

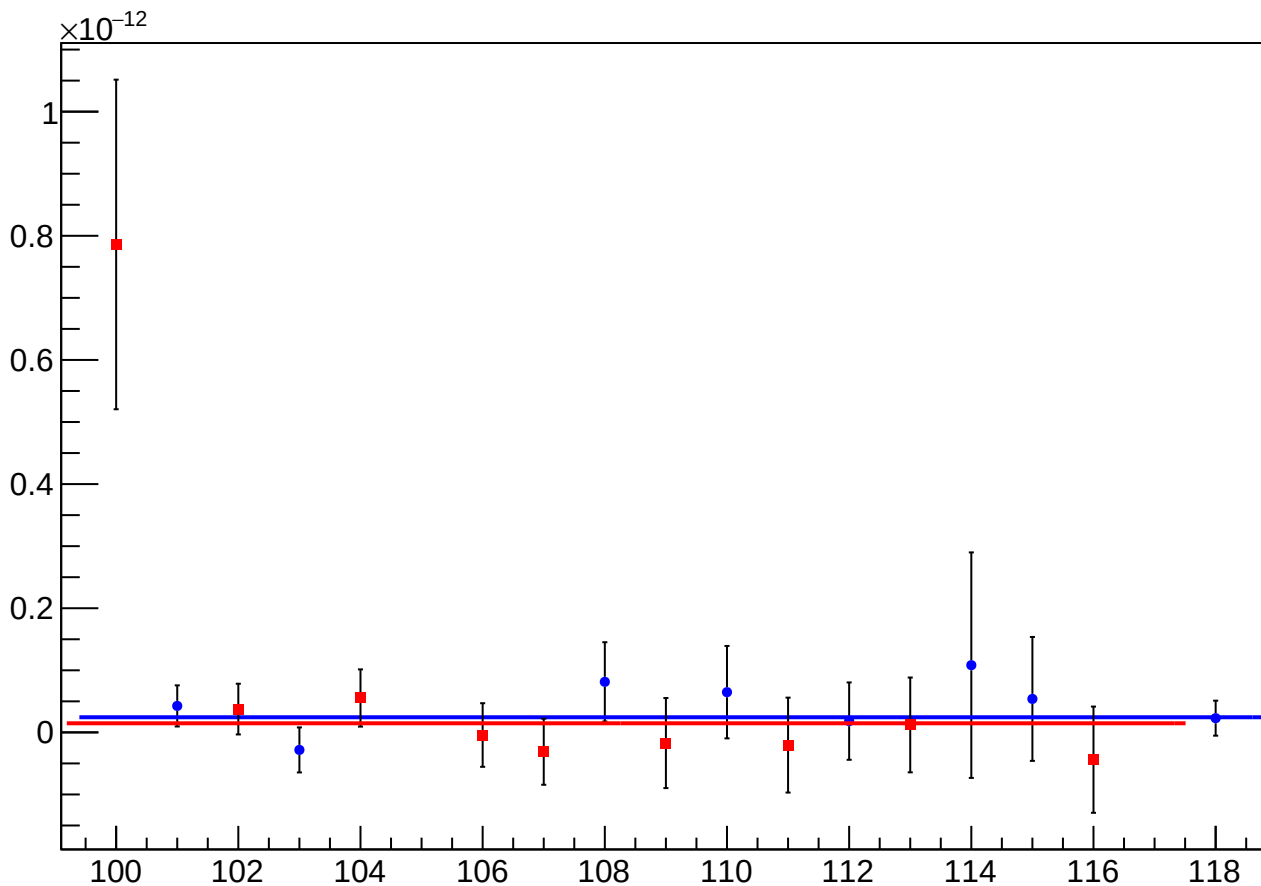
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

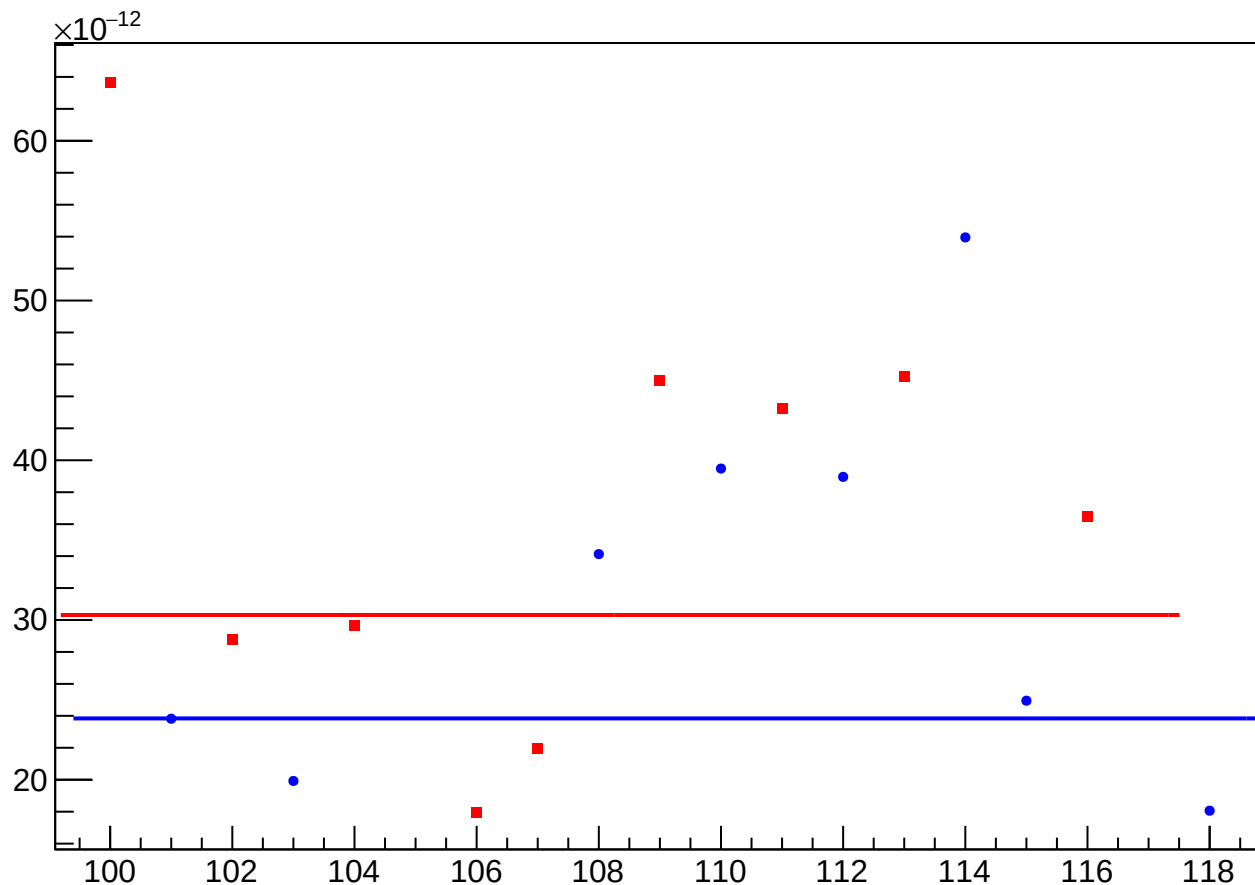
All: 52.515+/-0.016 χ^2/NDF : 1677470.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 420475.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 425667.8/8

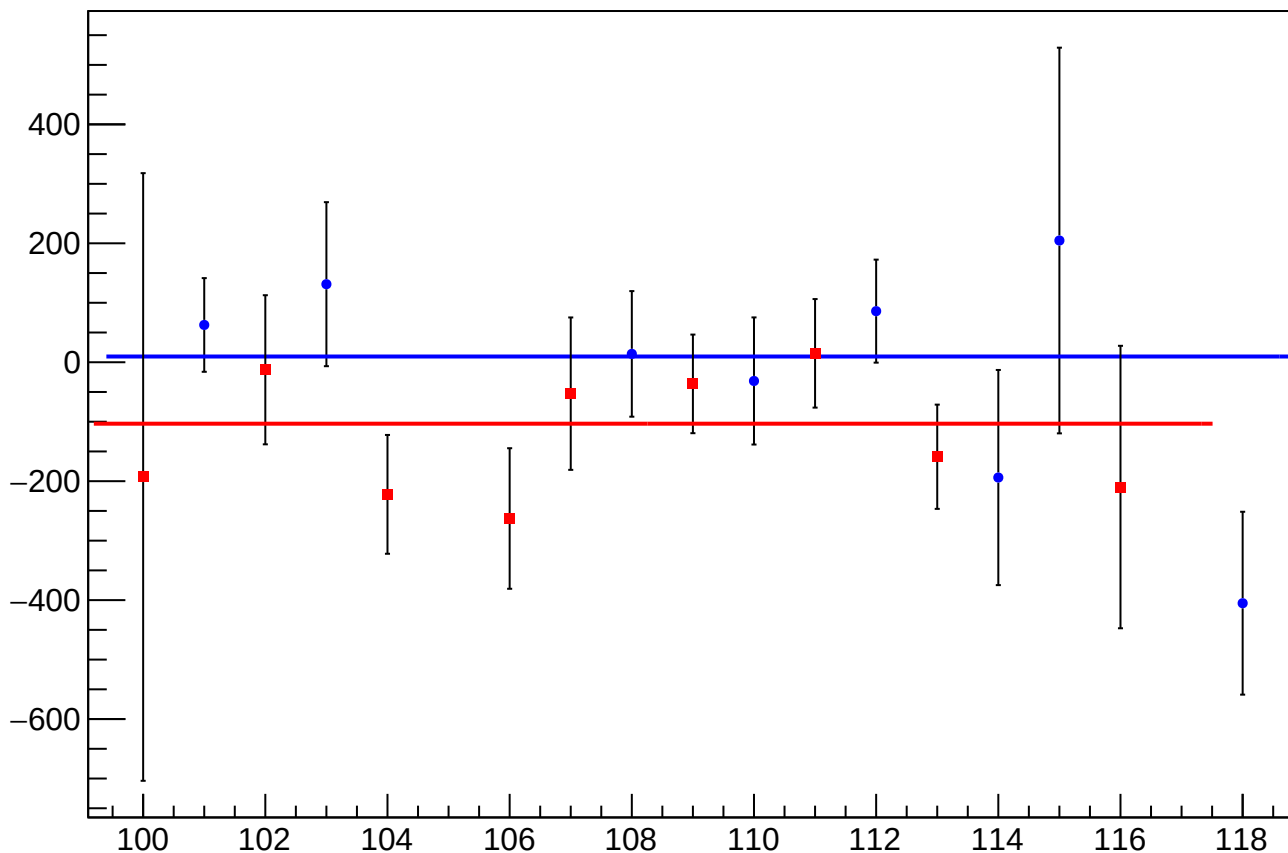
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 971508.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



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: -103.329+/-37.436 χ^2/NDF : 6.9/8

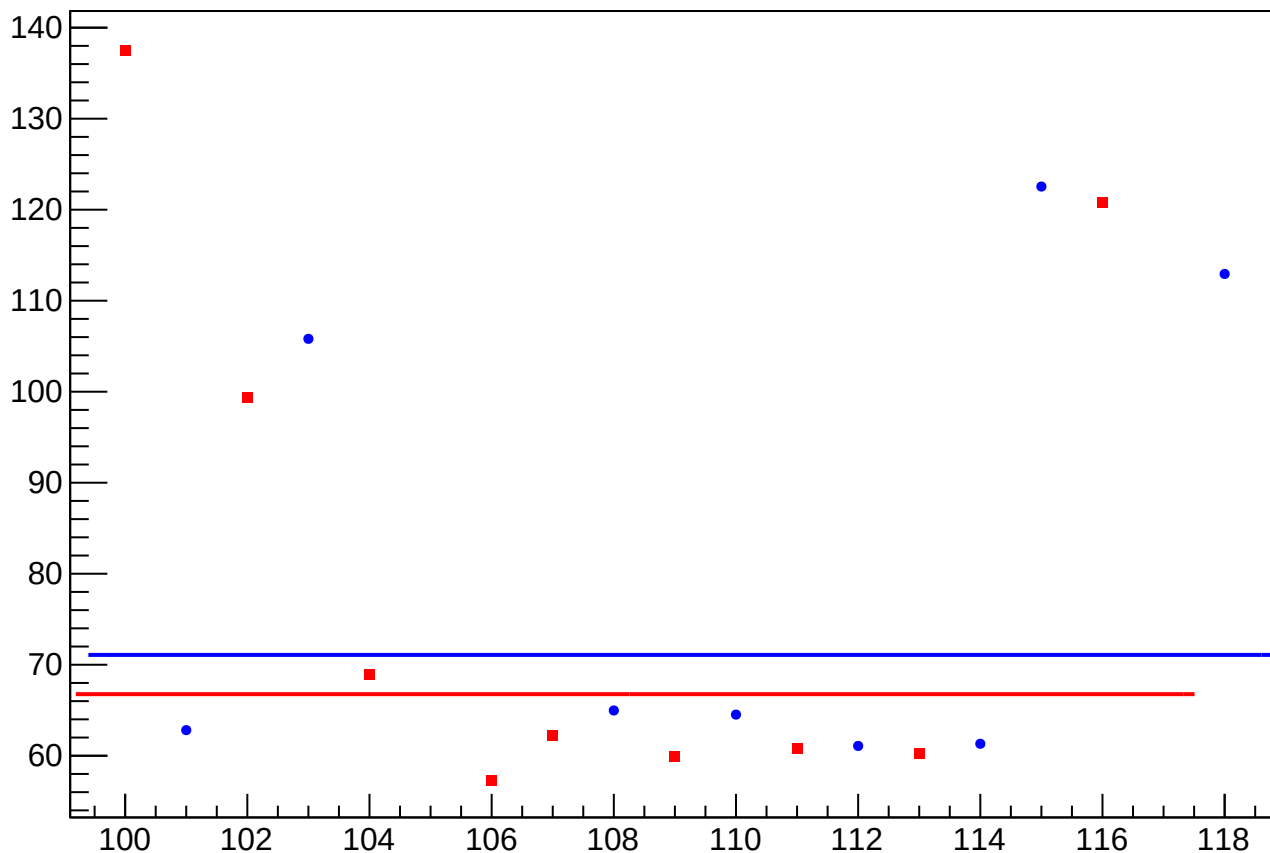
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.414+/-27.522 χ^2/NDF : 22.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



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: 66.768+/-0.026 χ^2/NDF : 325848.0/8

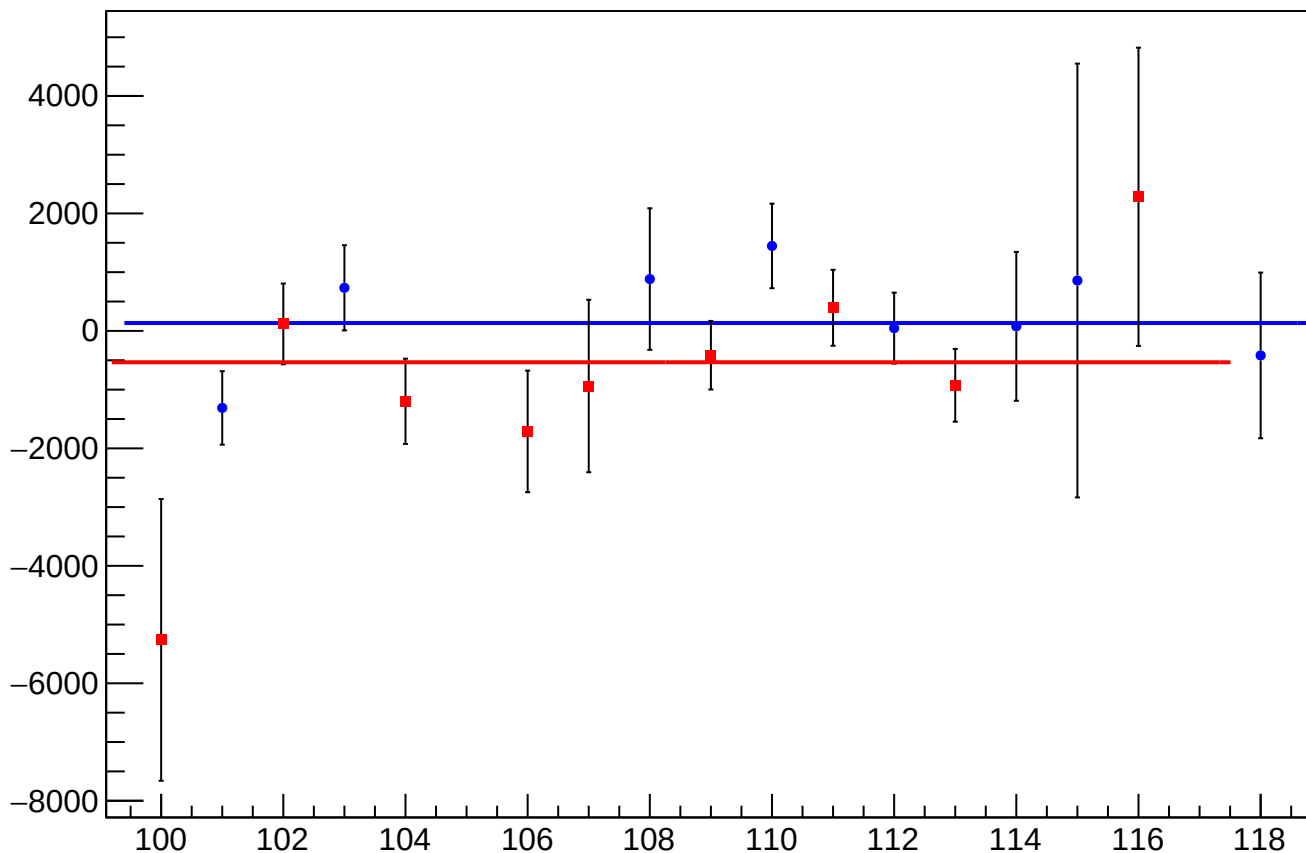
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.750+/-0.019 χ^2/NDF : 732212.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



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: -534.039+/-270.494 χ^2/NDF : 10.7/8

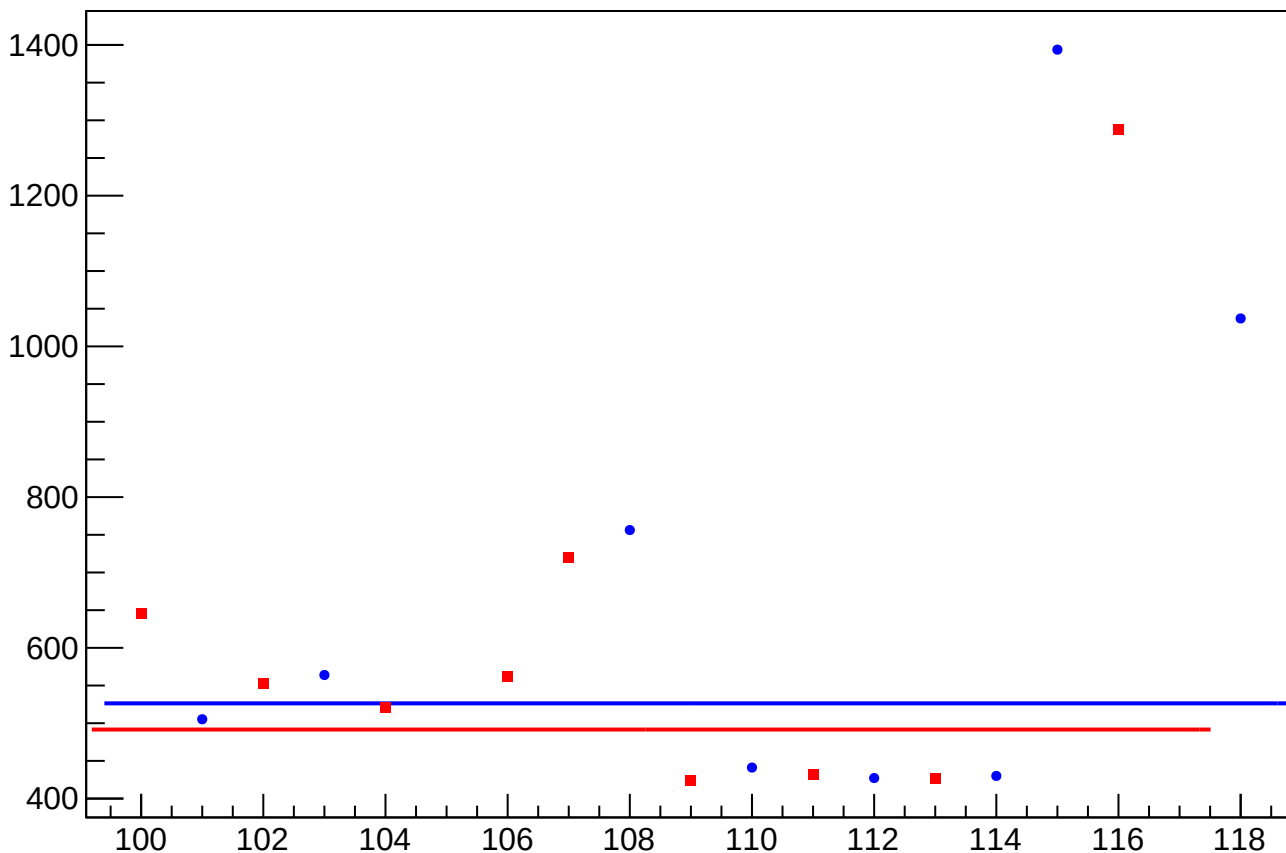
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.858+/-201.291 χ^2/NDF : 23.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 526.358 $\pm$ 0.213 χ^2 /NDF: 546330.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.612 $\pm$ 0.191 χ^2 /NDF: 346942.8/8

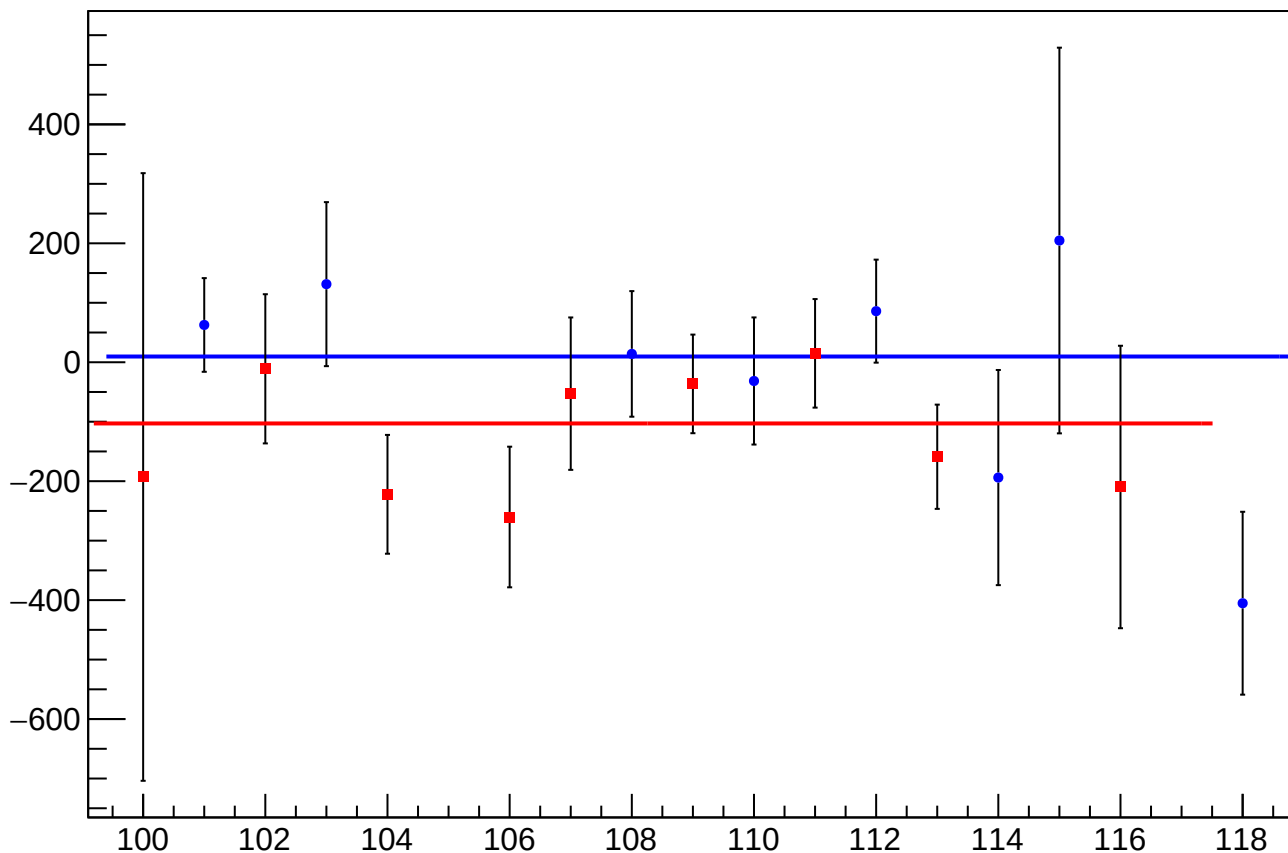
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.116 $\pm$ 0.142 χ^2 /NDF: 907999.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



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: -102.917 $\pm$ 37.439 χ^2 /NDF: 6.8/8

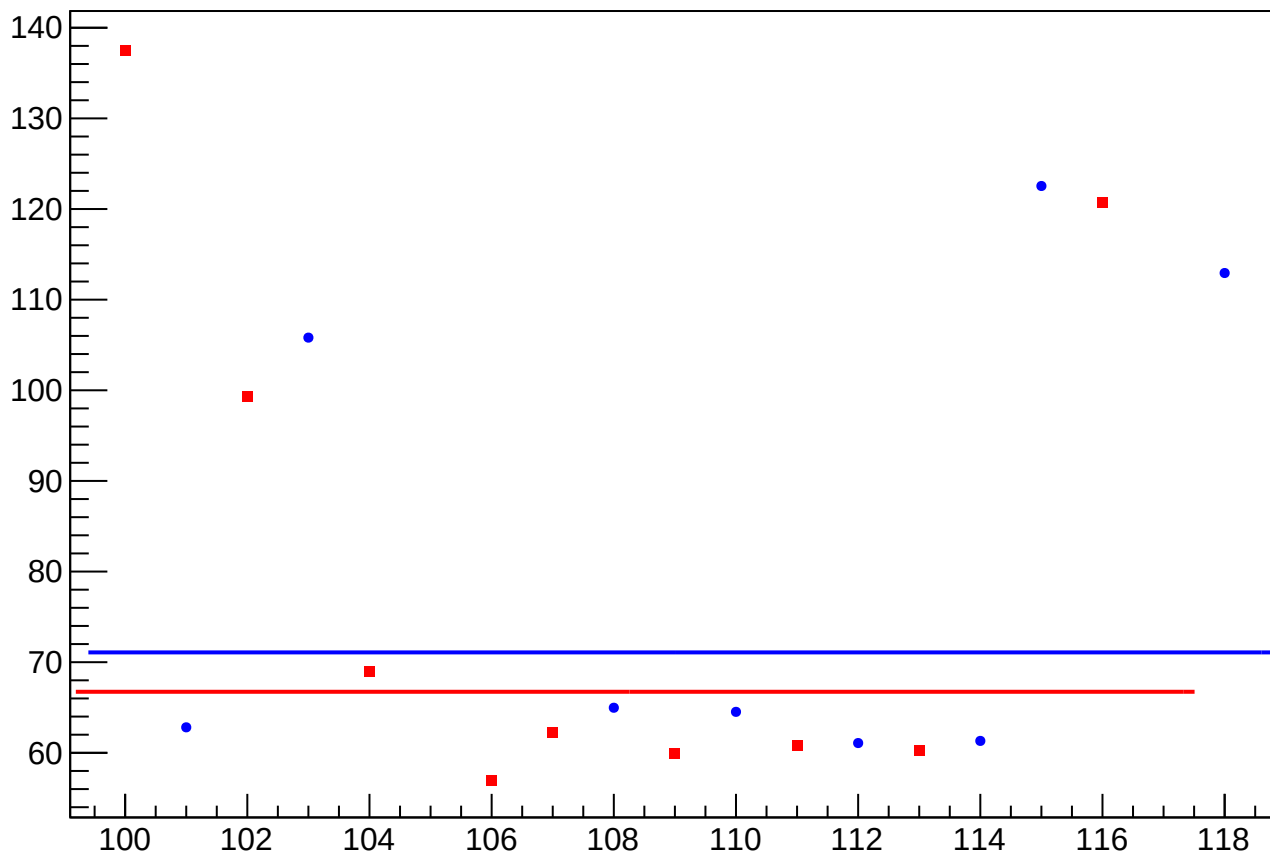
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.189 $\pm$ 27.523 χ^2 /NDF: 22.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 71.081 $\pm$ 0.029 χ^2 /NDF: 394169.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.736 $\pm$ 0.026 χ^2 /NDF: 326989.3/8

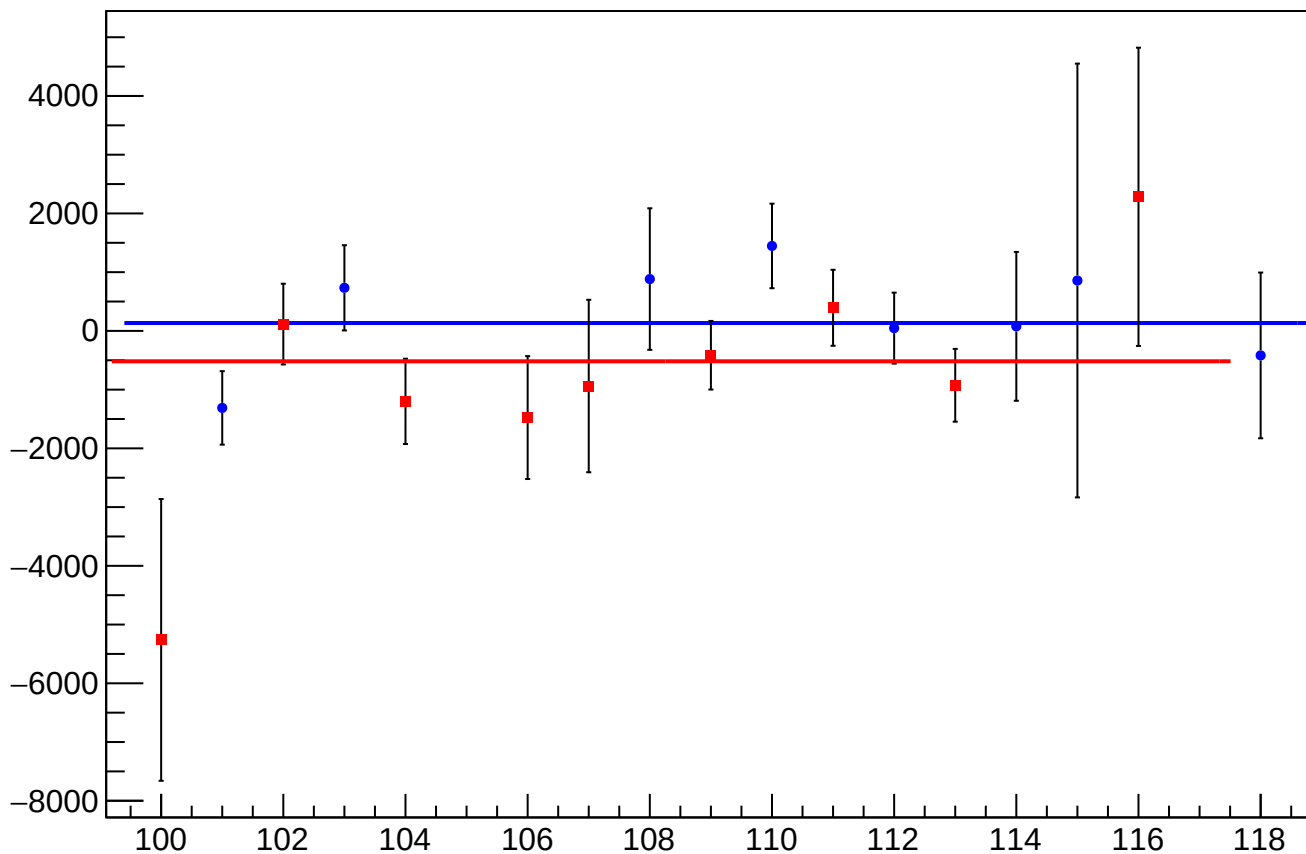
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.733 $\pm$ 0.019 χ^2 /NDF: 733534.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



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: -517.337+/-270.710 χ^2/NDF : 10.2/8

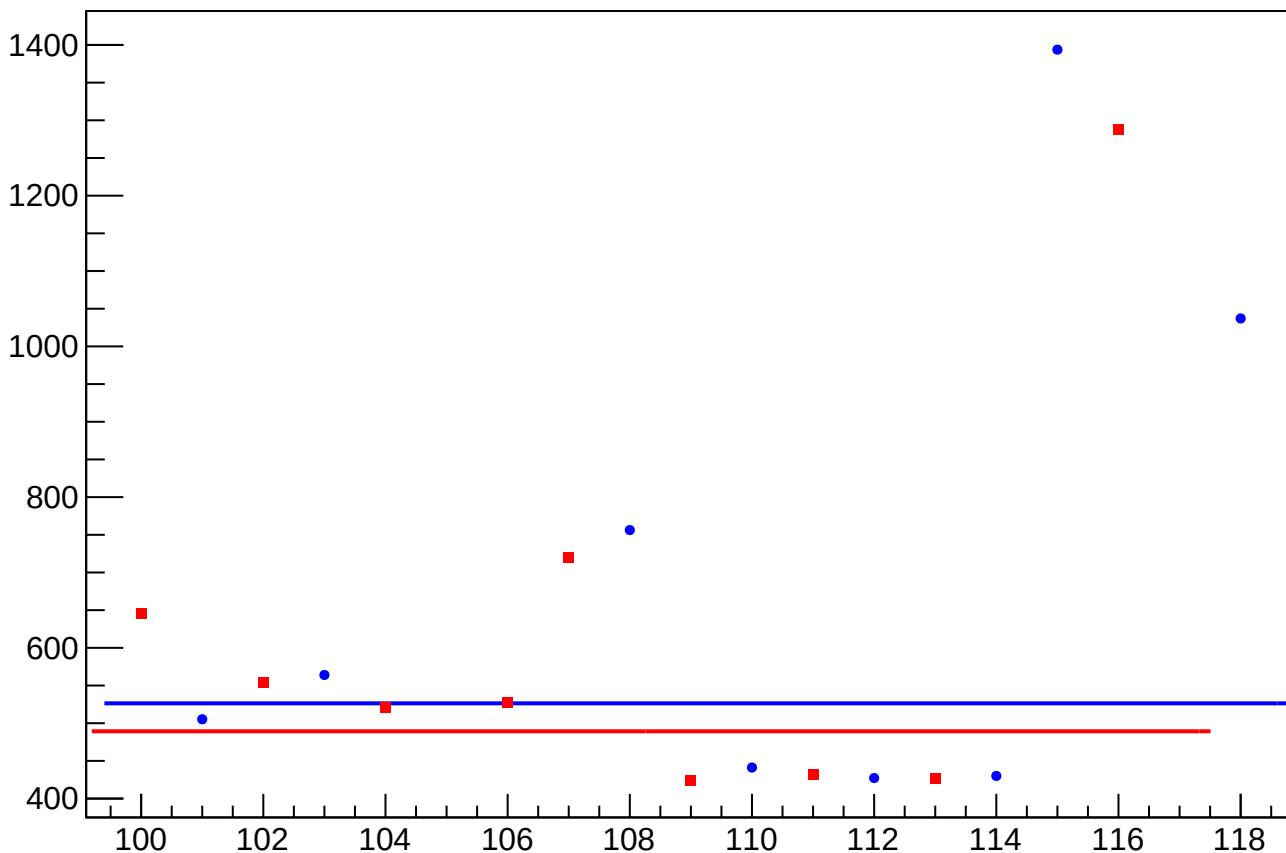
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.374+/-201.382 χ^2/NDF : 22.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



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: 489.275+/-0.191 χ^2/NDF : 340189.9/8

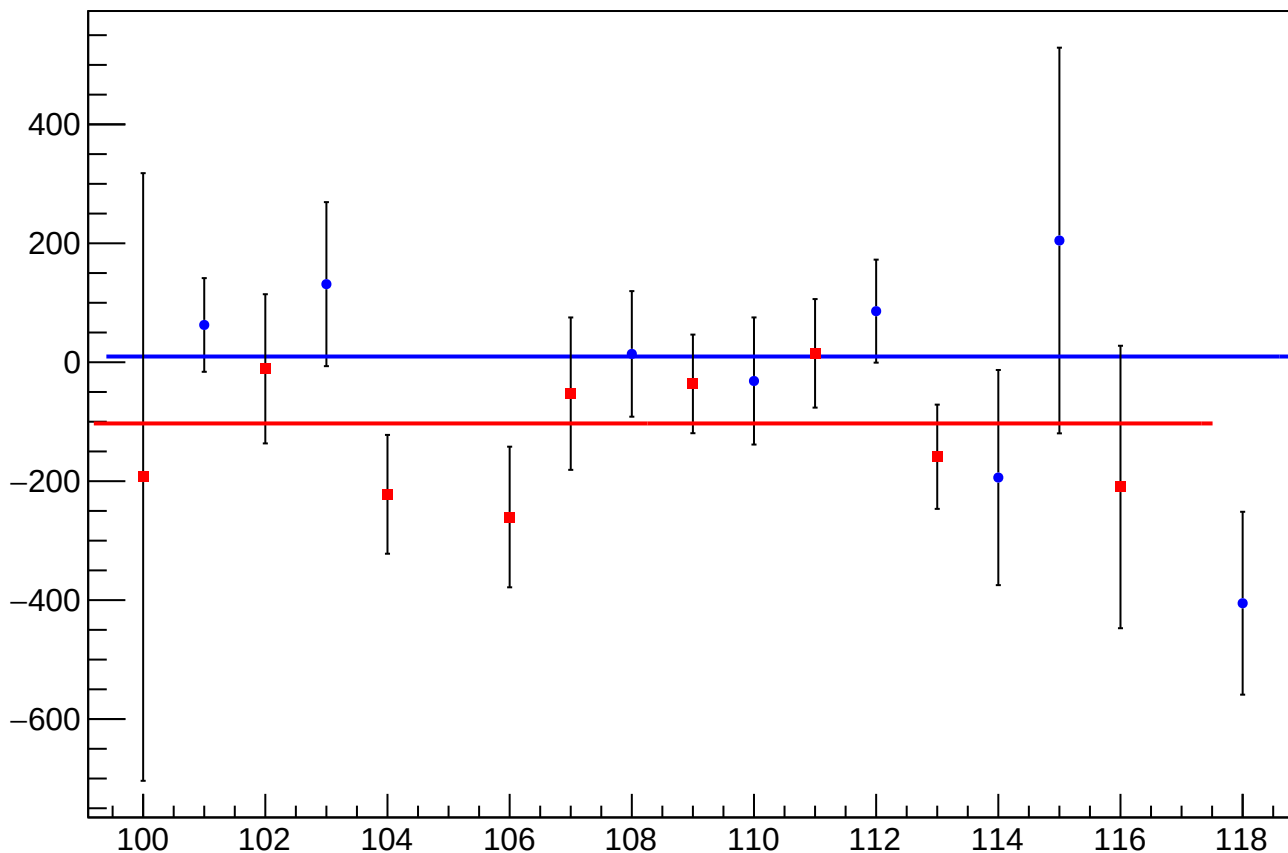
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.840+/-0.142 χ^2/NDF : 903301.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_mean vs Slug



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: -102.917+/-37.439 χ^2/NDF : 6.8/8

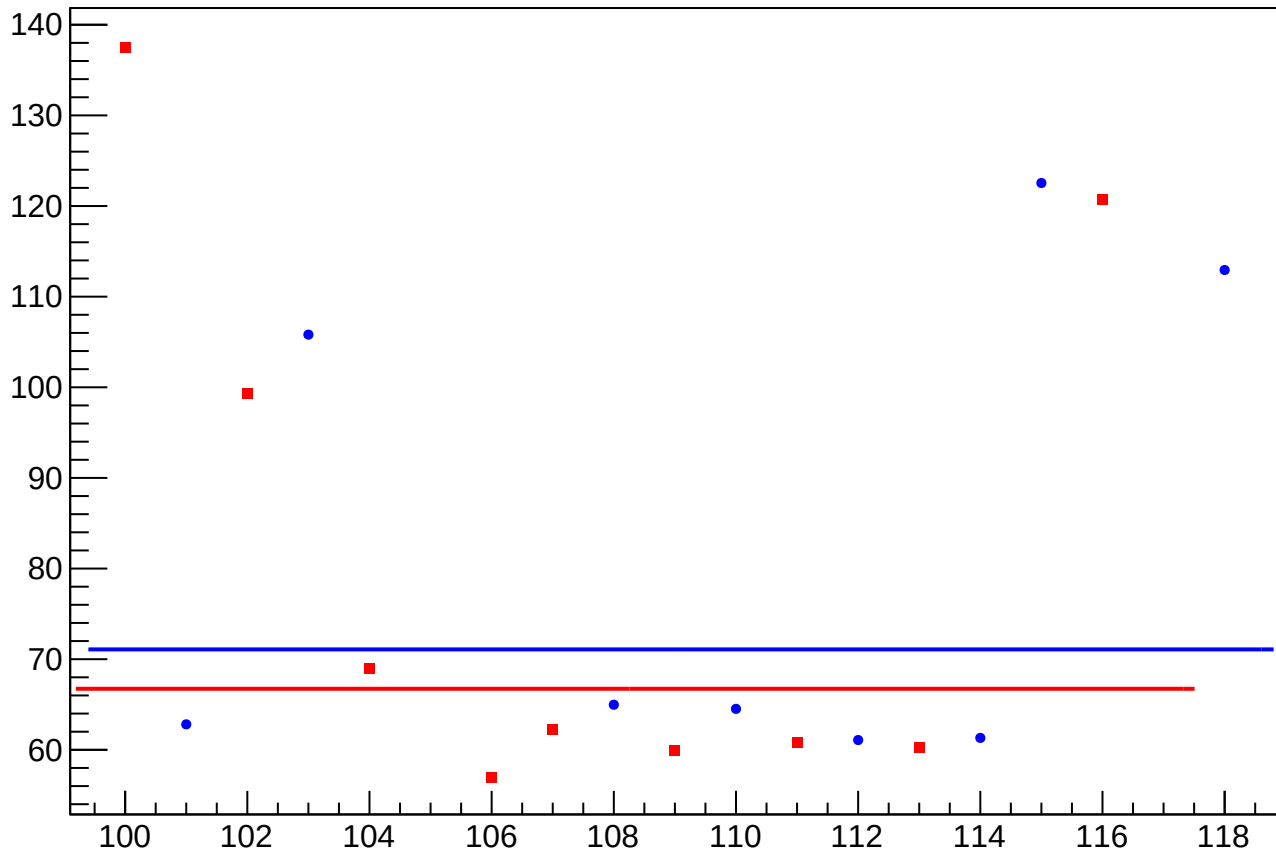
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.189+/-27.523 χ^2/NDF : 22.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 71.081 $\pm$ 0.029 χ^2 /NDF: 394169.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 66.736 $\pm$ 0.026 χ^2 /NDF: 326989.3/8

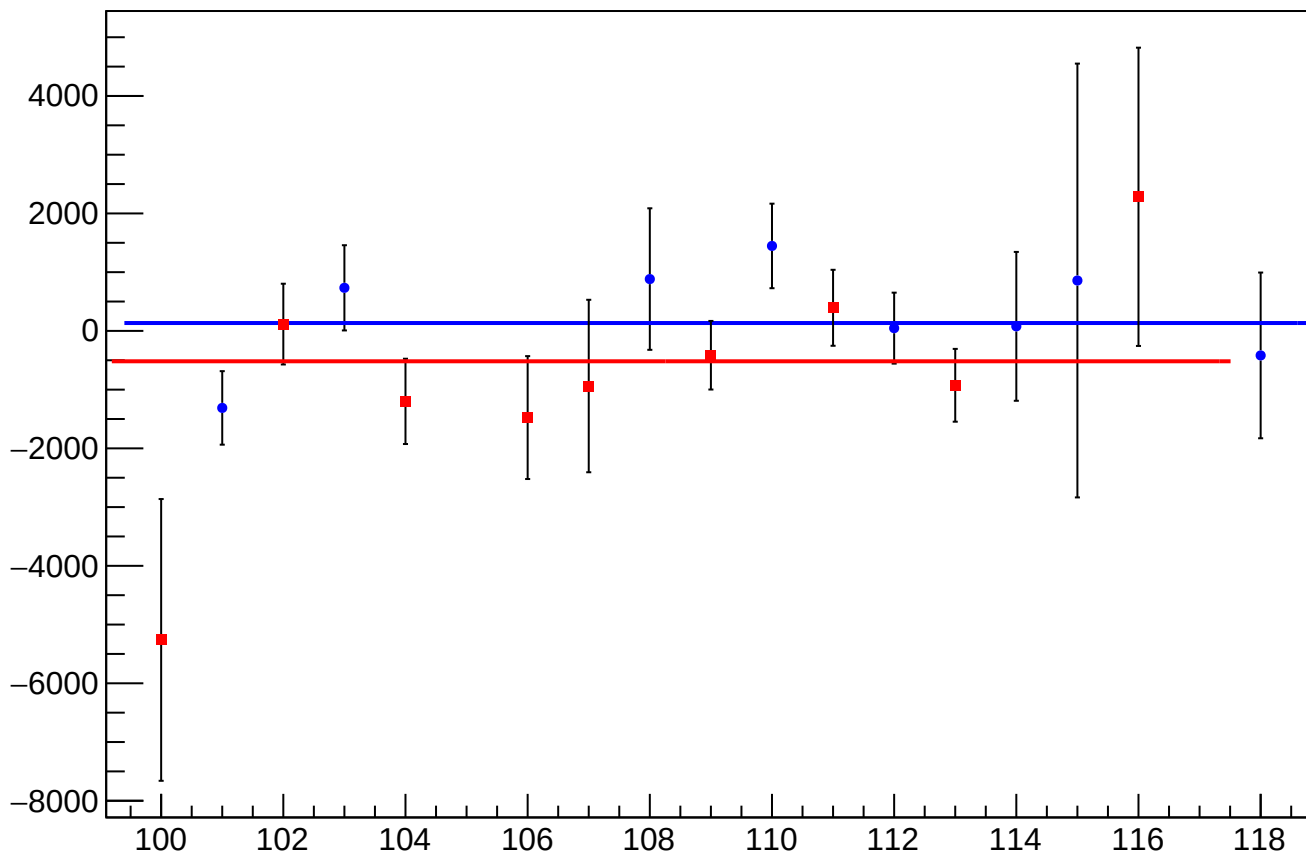
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.733 $\pm$ 0.019 χ^2 /NDF: 733534.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



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: -517.337+/-270.710 χ^2/NDF : 10.2/8

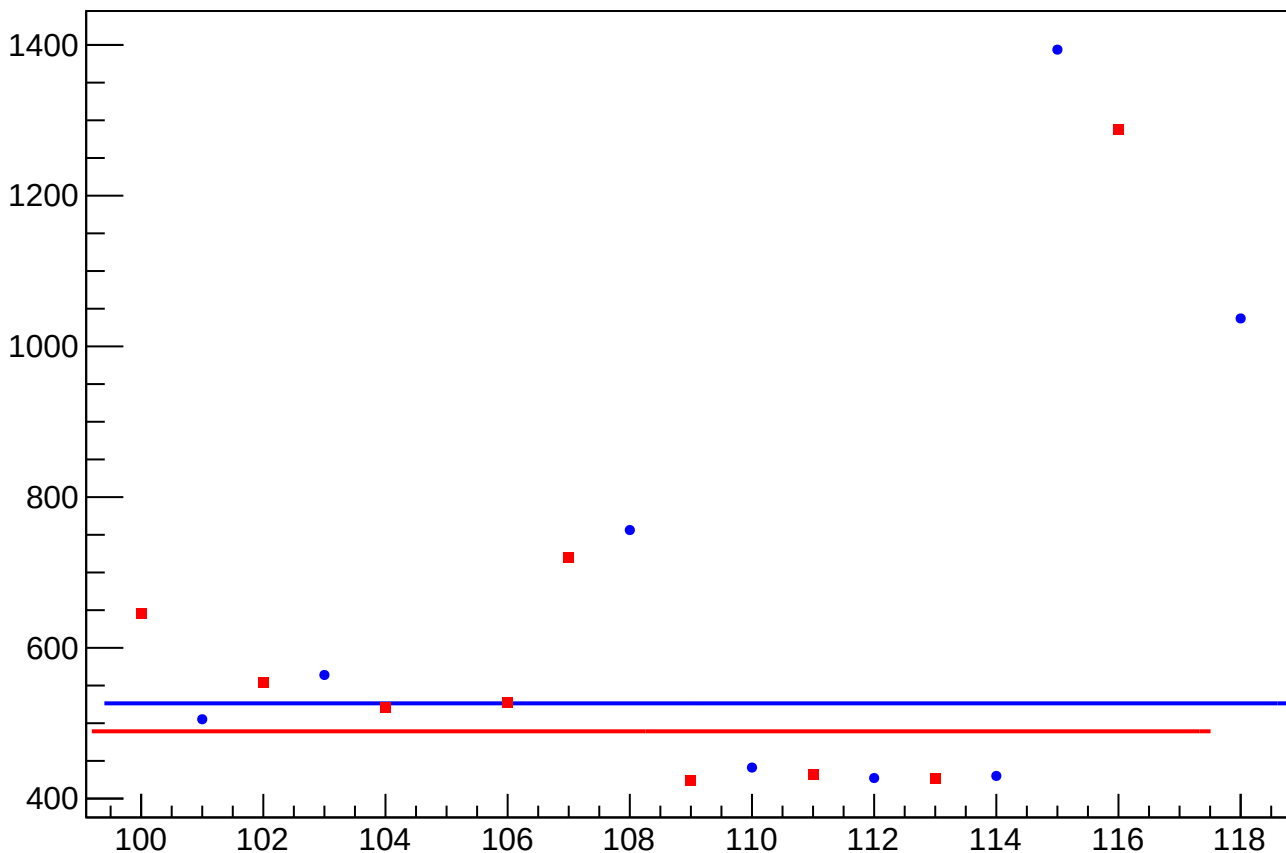
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.374+/-201.382 χ^2/NDF : 22.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 526.366 $\pm$ 0.213 χ^2 /NDF: 546343.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 489.275 $\pm$ 0.191 χ^2 /NDF: 340189.9/8

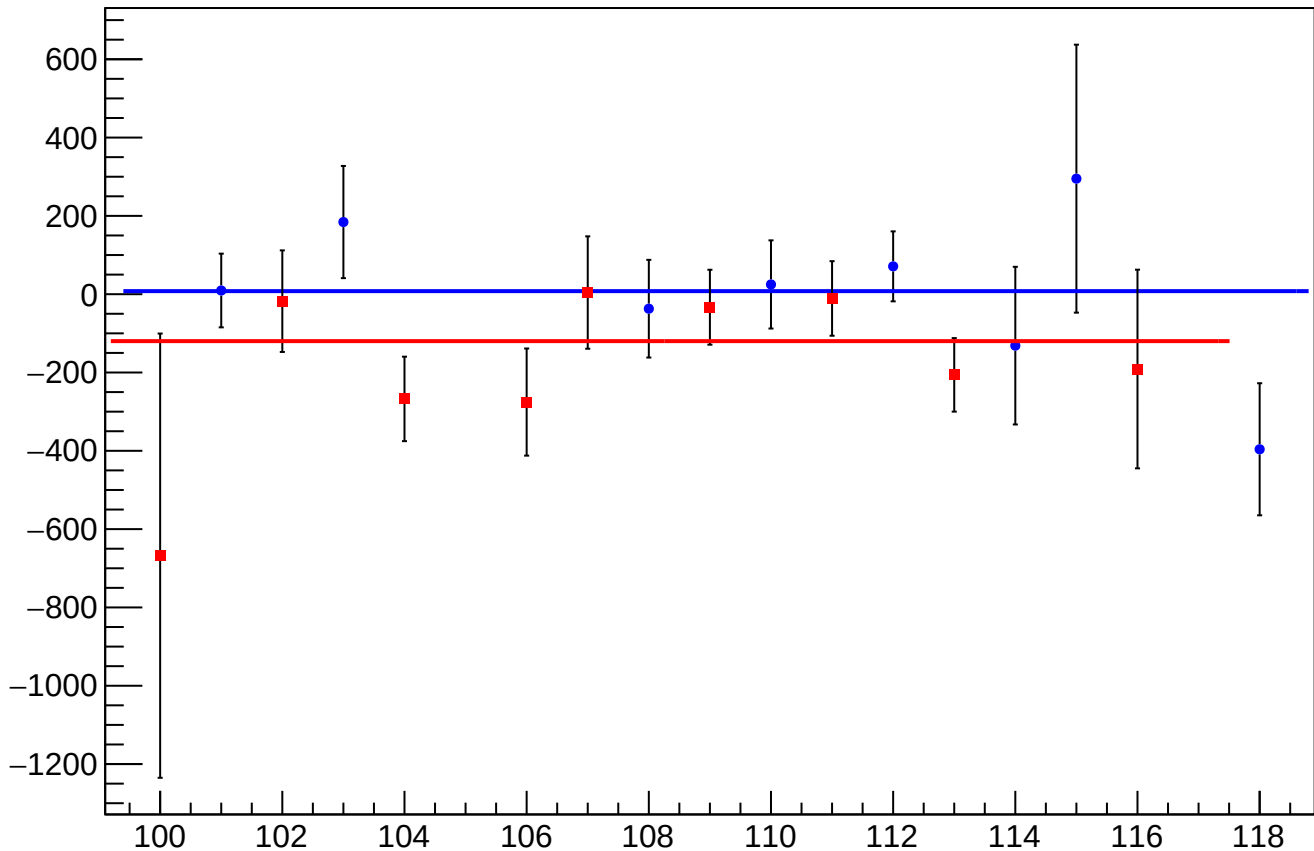
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 505.840 $\pm$ 0.142 χ^2 /NDF: 903301.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



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: -119.869 $\pm$ 40.859 χ^2 /NDF: 8.5/8

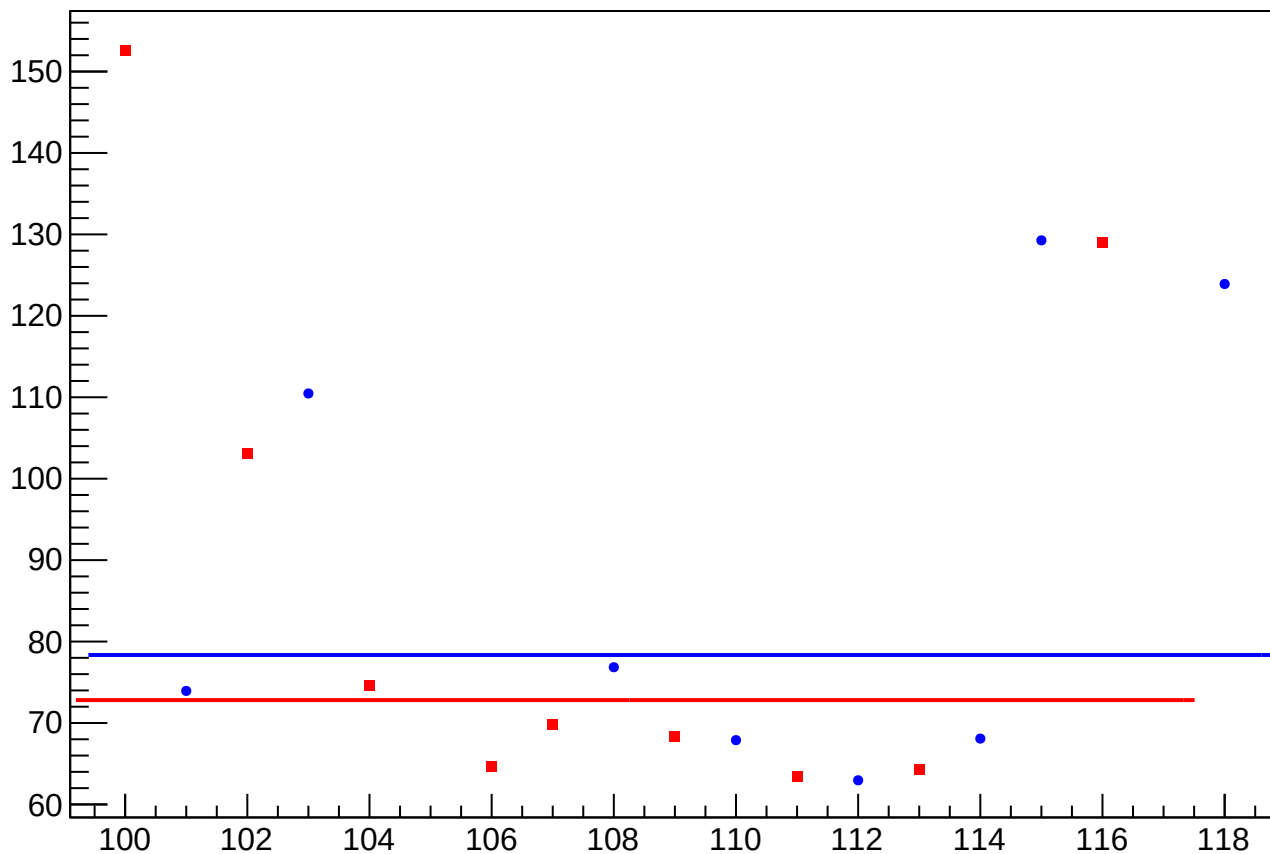
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.886 $\pm$ 30.187 χ^2 /NDF: 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



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: 72.813+/-0.029 χ^2/NDF : 294783.6/8

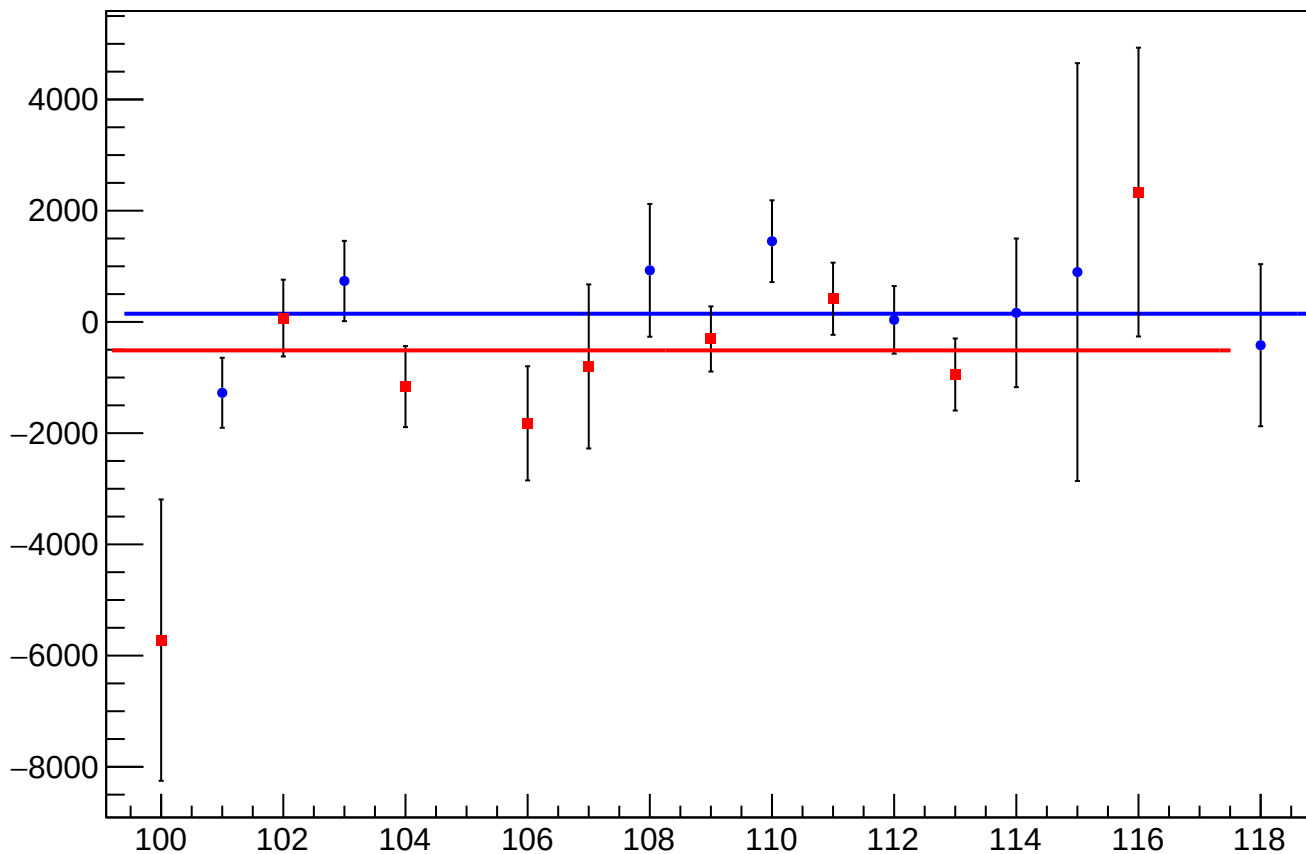
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.329+/-0.021 χ^2/NDF : 688650.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 147.154 $\pm$ 304.196 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -511.939 $\pm$ 273.607 χ^2 /NDF: 11.2/8

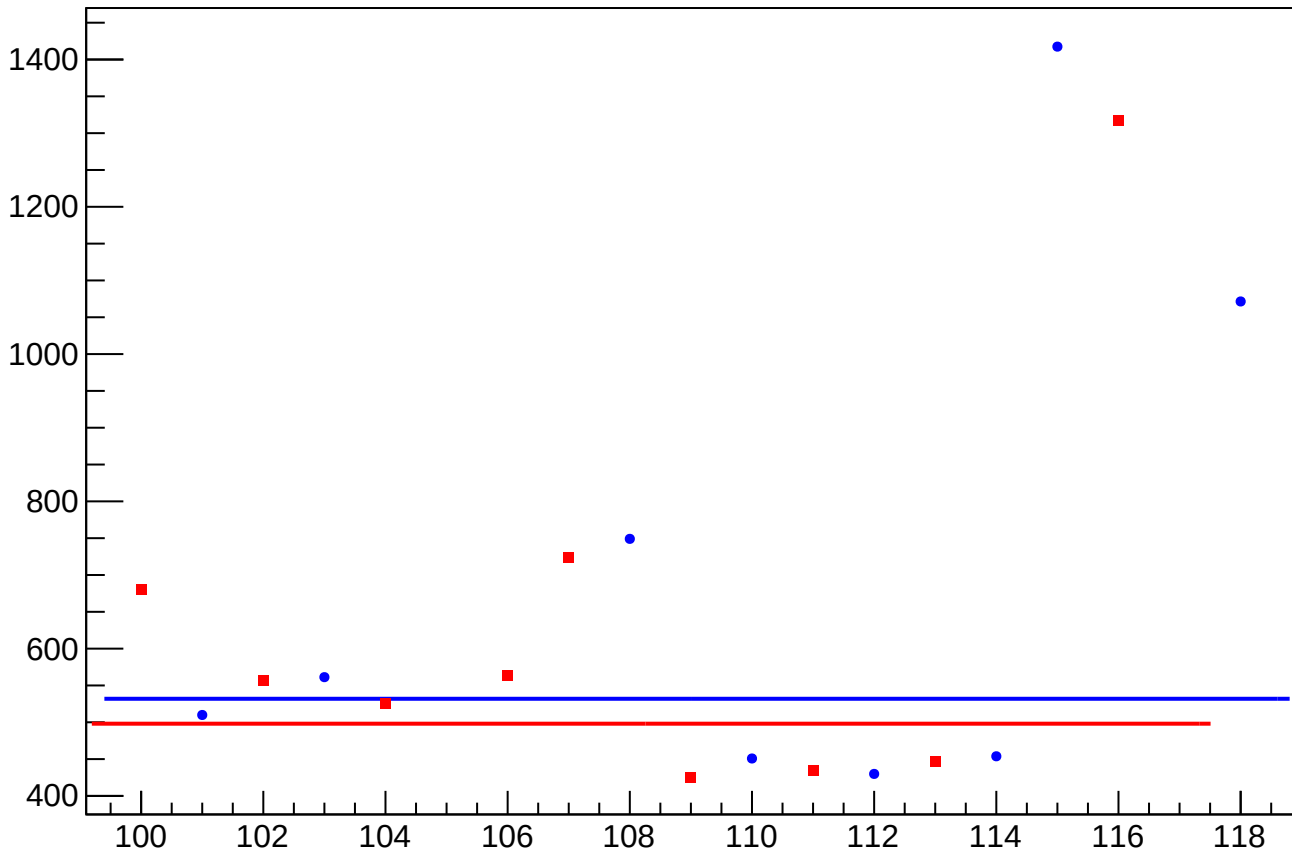
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.188 $\pm$ 203.427 χ^2 /NDF: 23.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



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: 498.080+/-0.193 χ^2/NDF : 344197.3/8

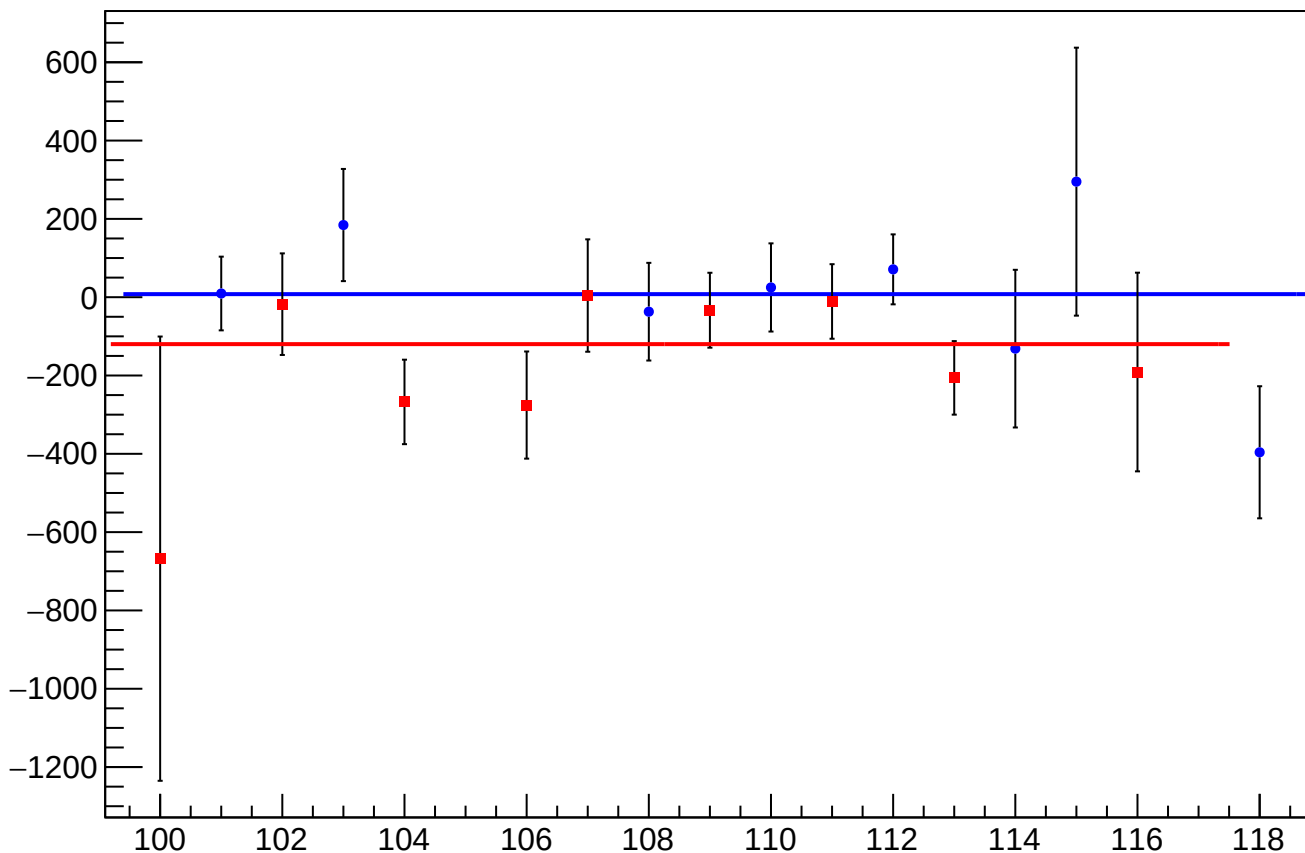
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.213+/-0.144 χ^2/NDF : 902690.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



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: -119.869 $\pm$ 40.859 χ^2 /NDF: 8.5/8

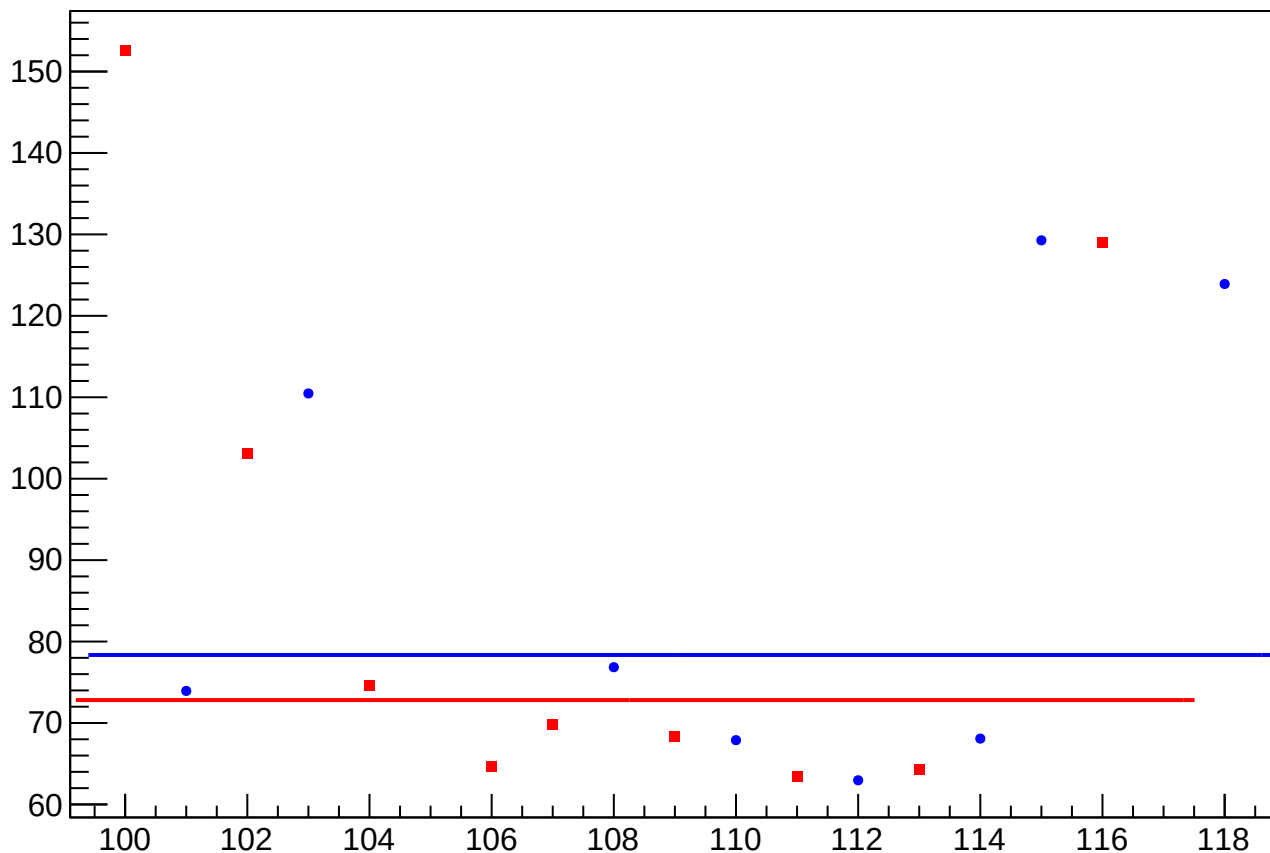
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.886 $\pm$ 30.187 χ^2 /NDF: 22.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



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: 72.813+/-0.029 χ^2/NDF : 294785.6/8

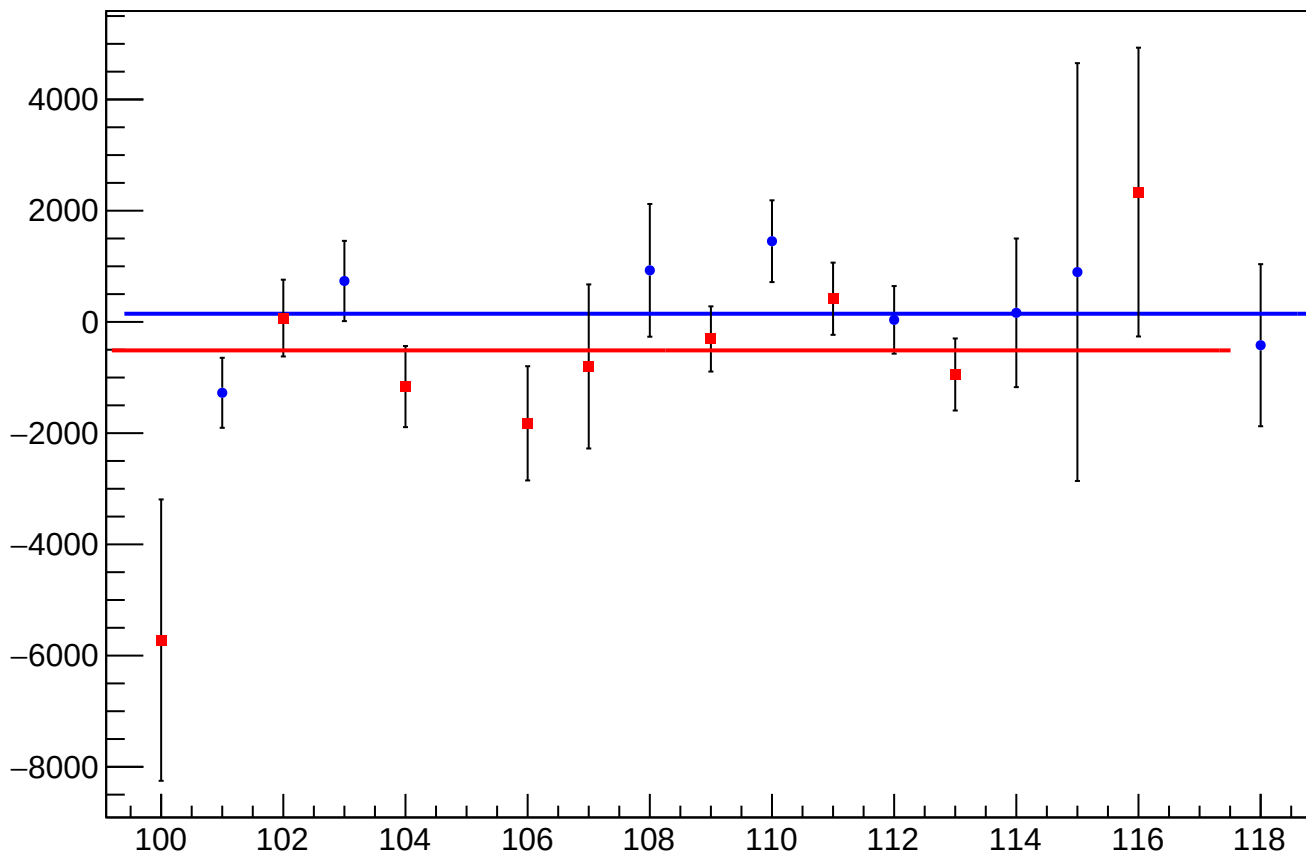
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.329+/-0.021 χ^2/NDF : 688655.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



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: -511.938+/-273.606 χ^2/NDF : 11.2/8

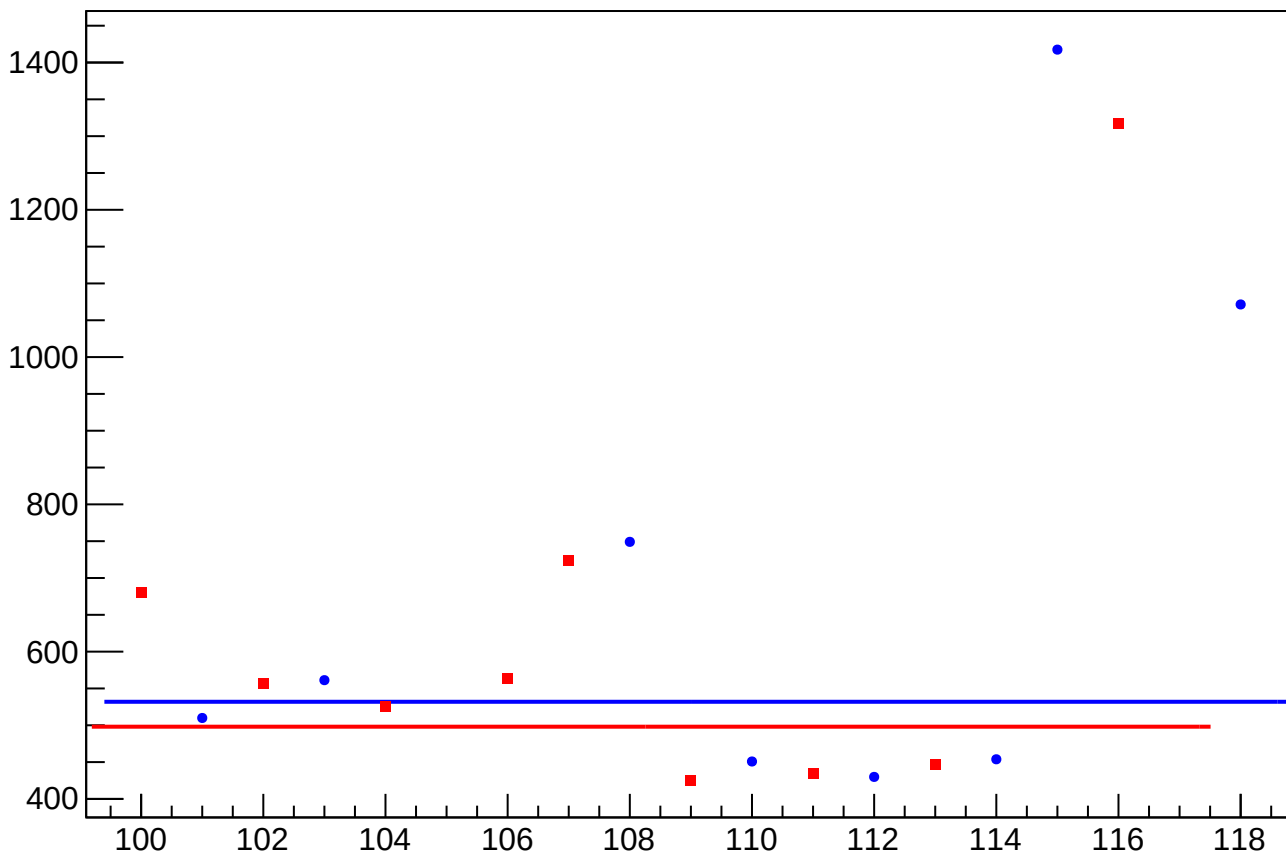
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.188+/-203.426 χ^2/NDF : 23.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



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: 498.080+/-0.193 χ^2/NDF : 344199.1/8

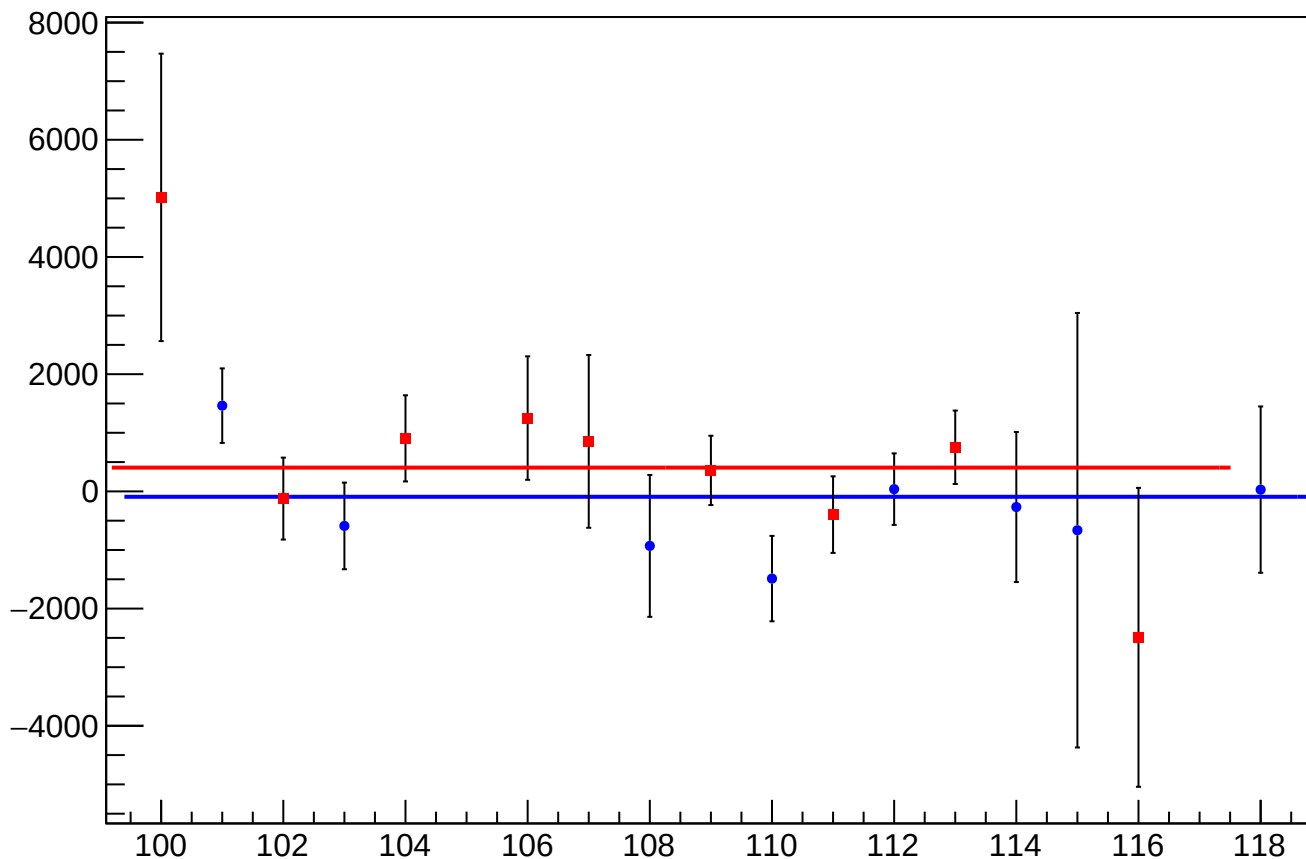
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.213+/-0.144 χ^2/NDF : 902694.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



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: 405.680+/-273.922 χ^2/NDF : 8.4/8

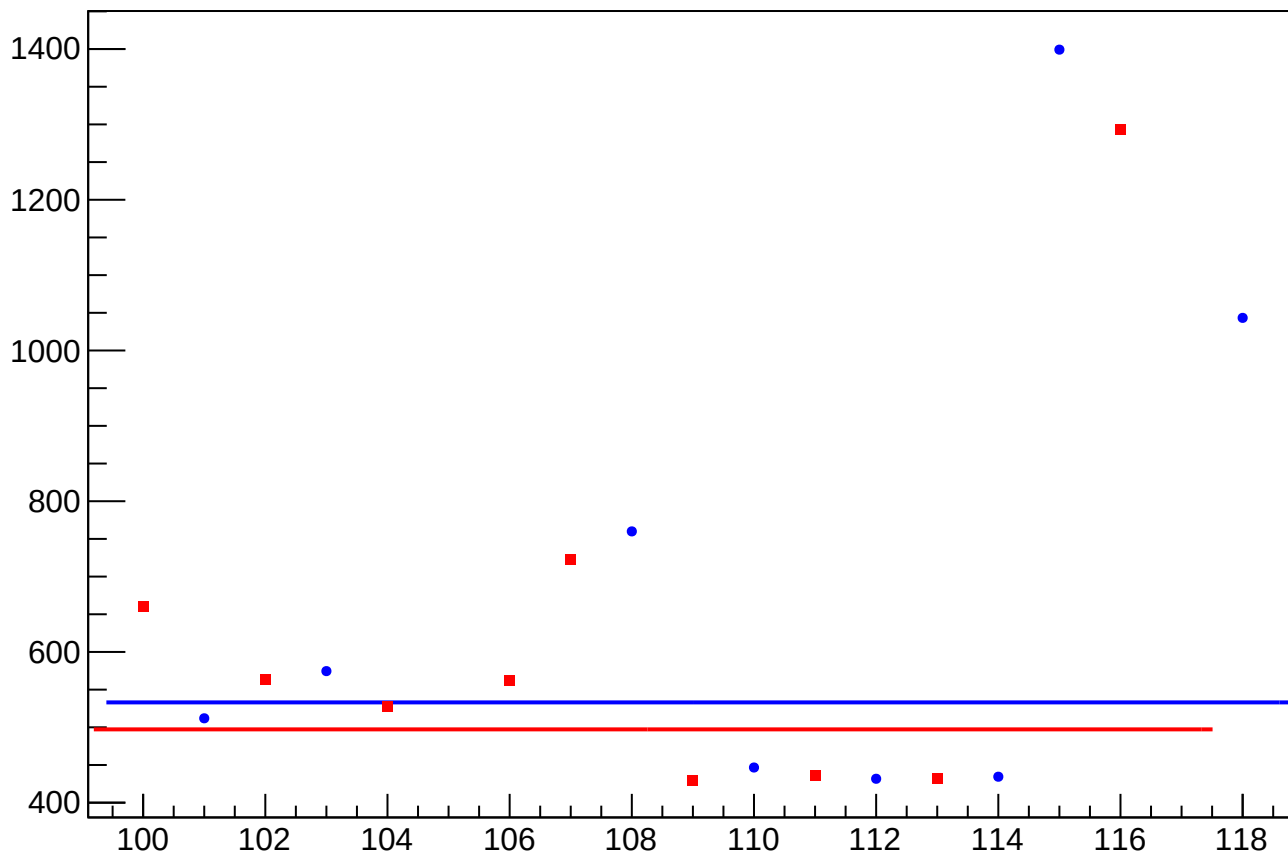
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.581+/-203.863 χ^2/NDF : 20.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



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: 497.263+/-0.194 χ^2/NDF : 344525.6/8

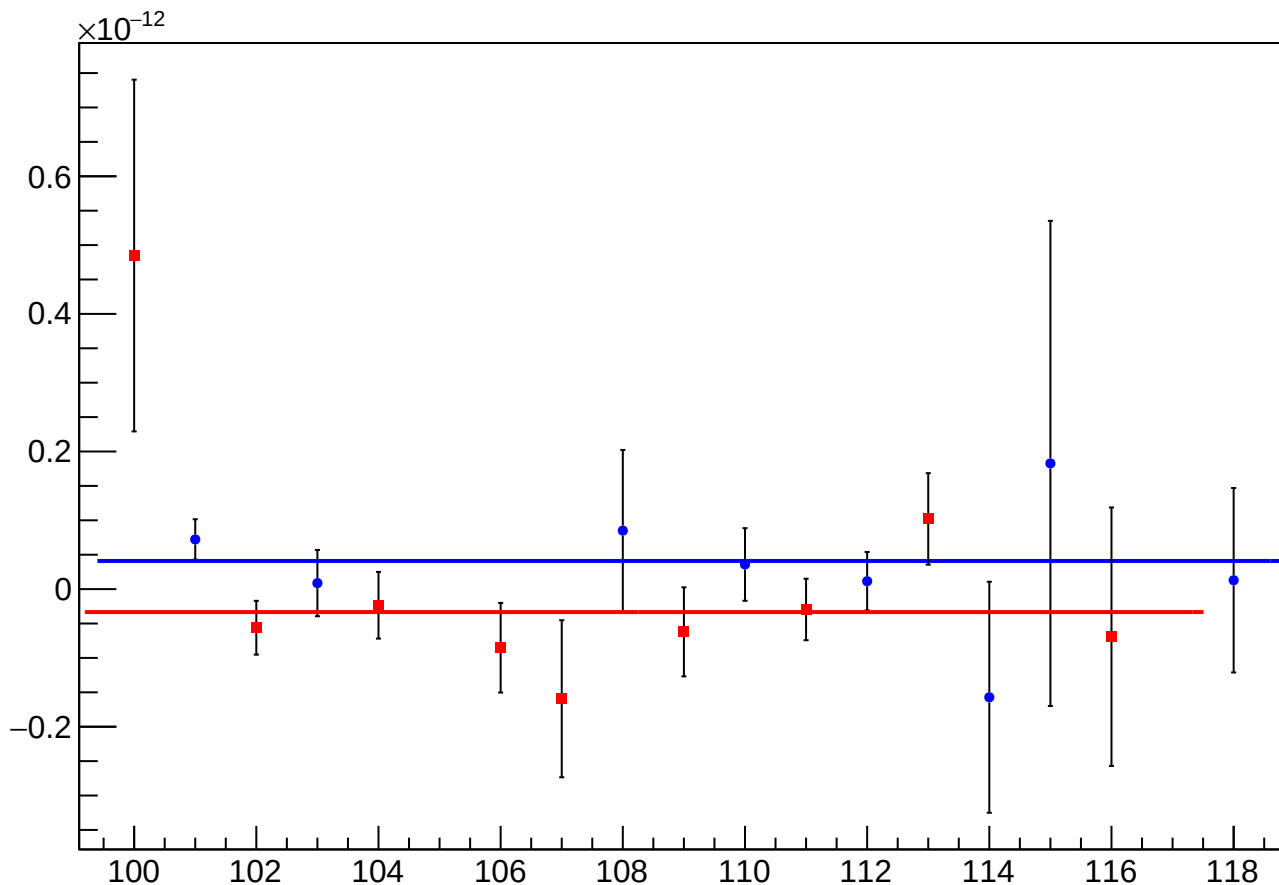
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.232+/-0.144 χ^2/NDF : 901265.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/8

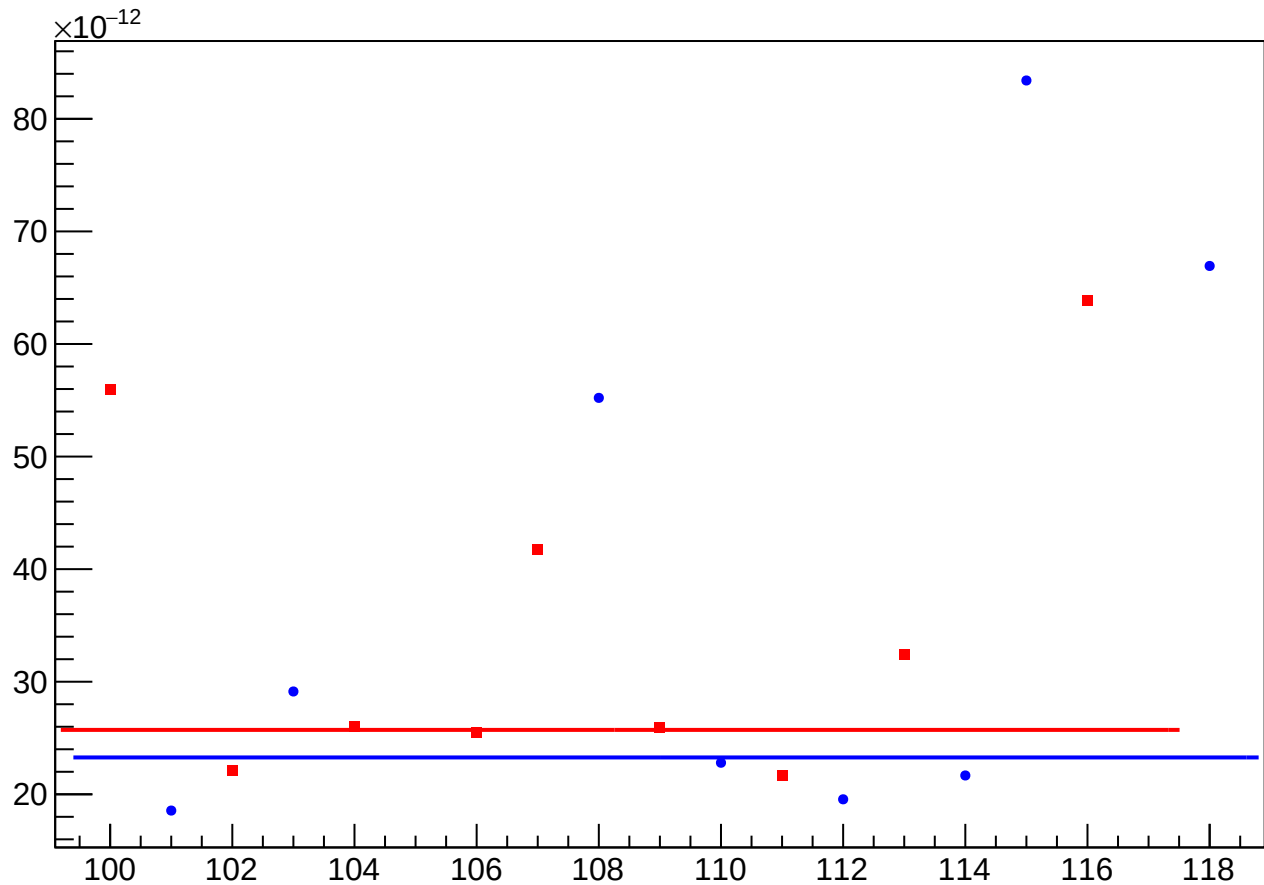
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



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 : 204262.7/8

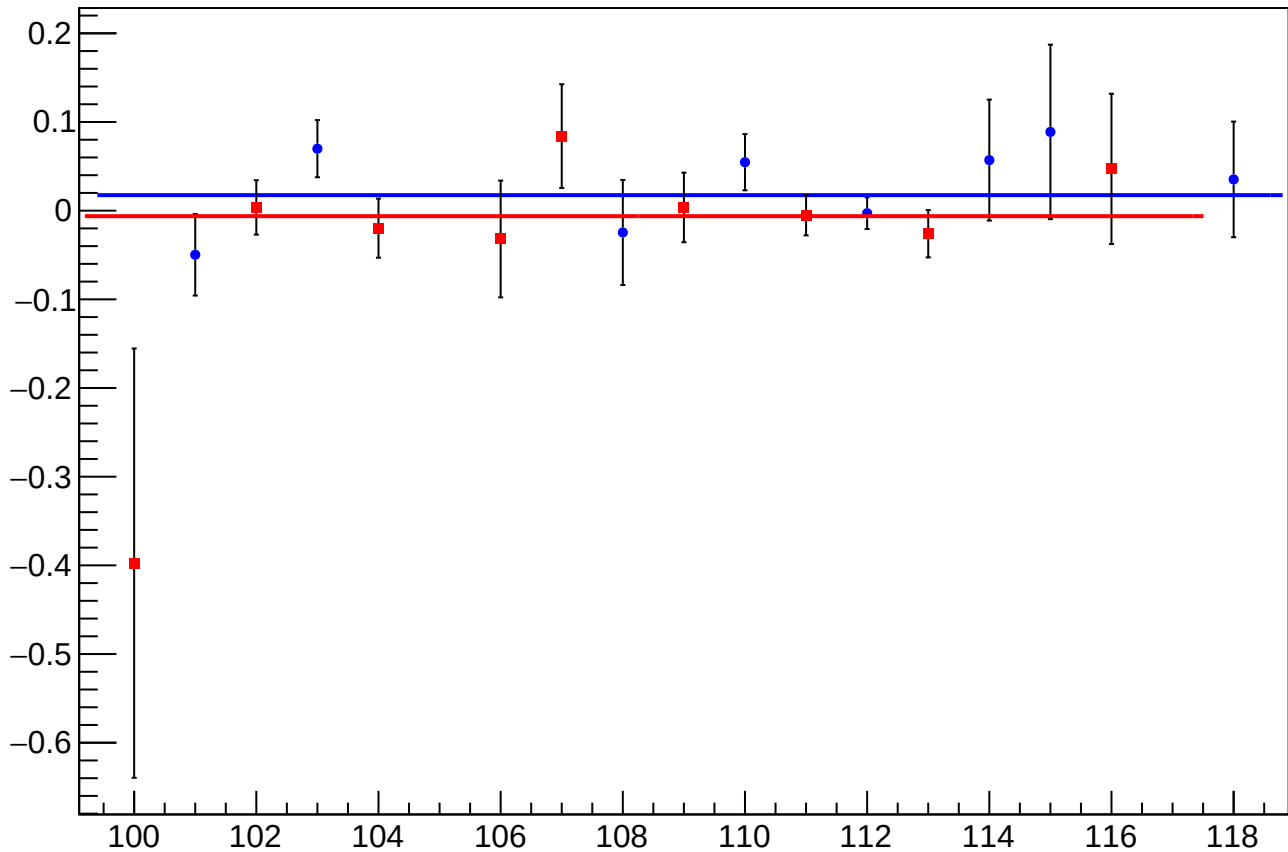
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 735208.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



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: -0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

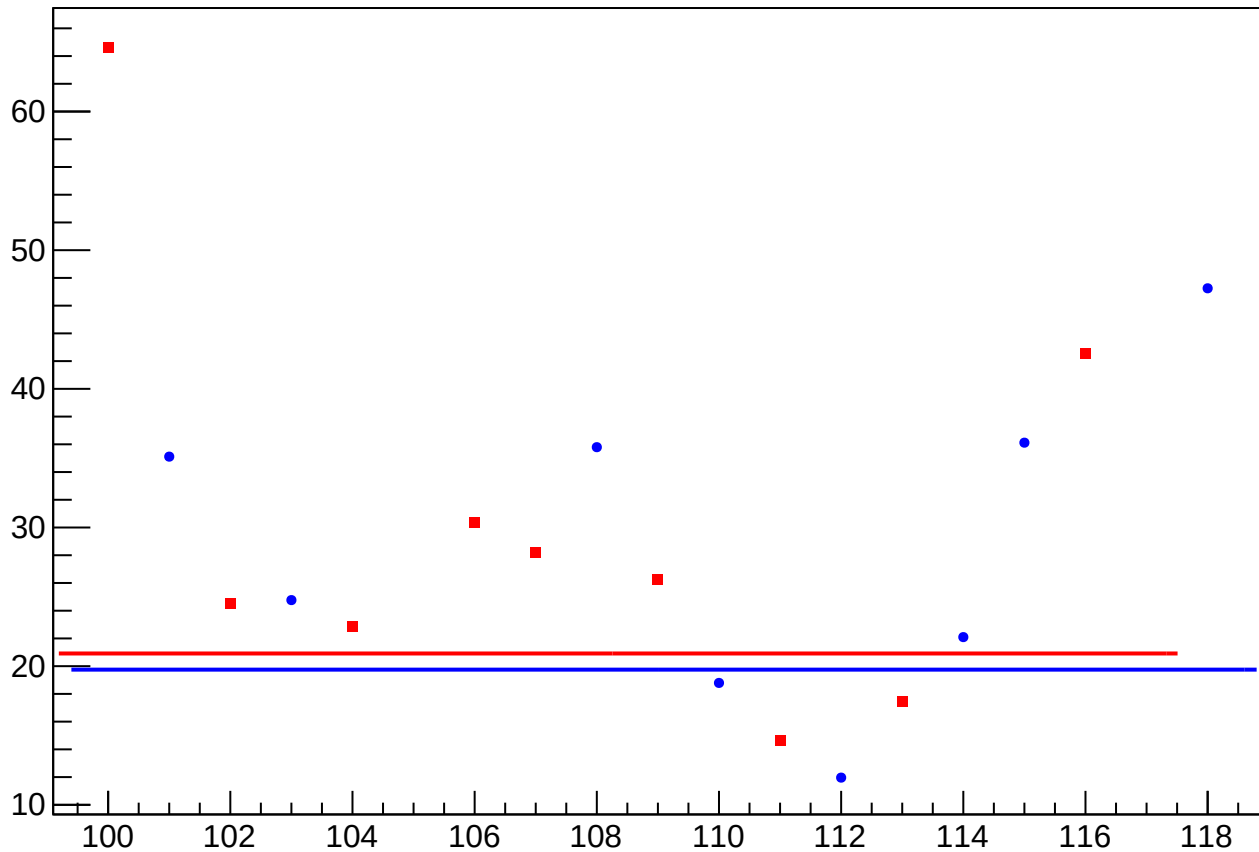
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



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: 20.915+/-0.009 χ^2/NDF : 527426.1/8

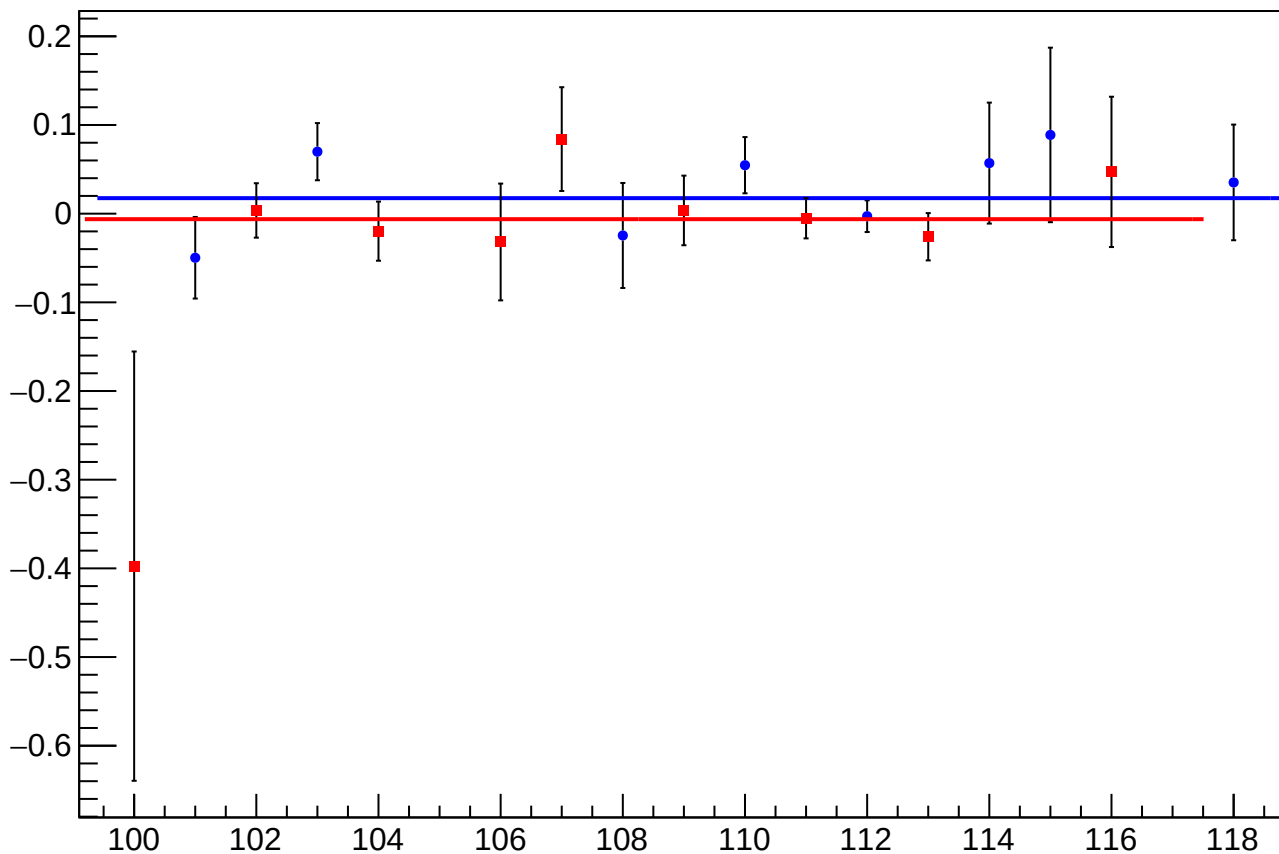
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.343+/-0.006 χ^2/NDF : 1749233.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

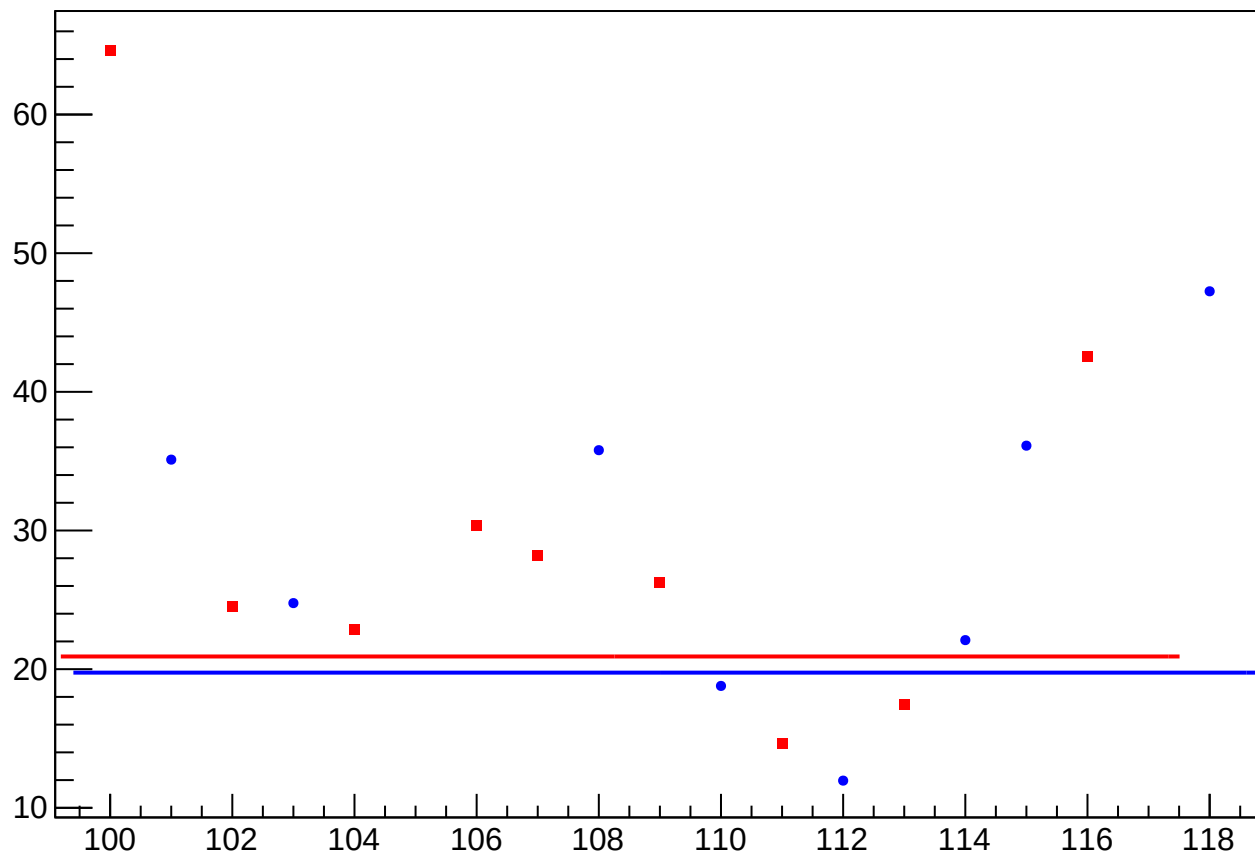
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 20.915+/-0.009 χ^2/NDF : 527426.1/8

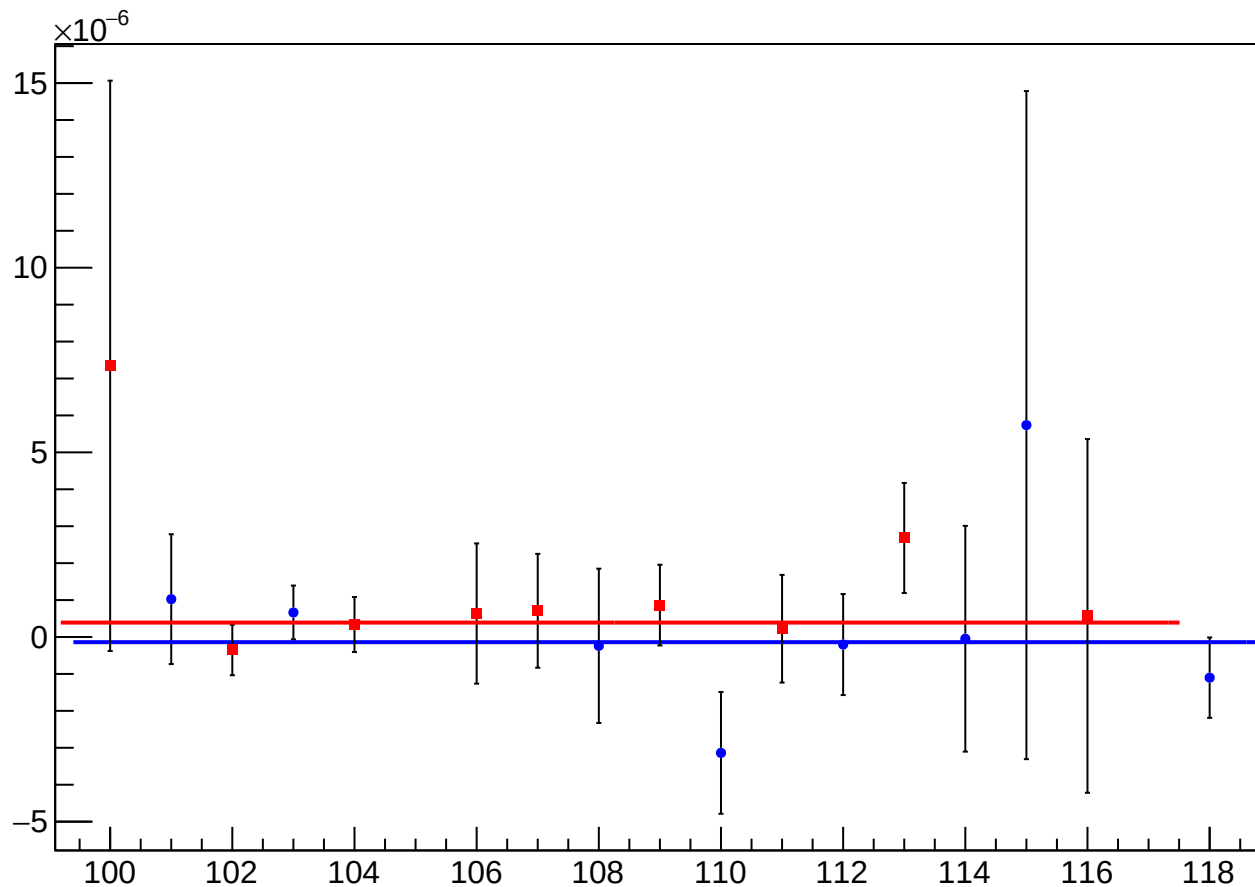
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.343+/-0.006 χ^2/NDF : 1749233.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 4.6/8

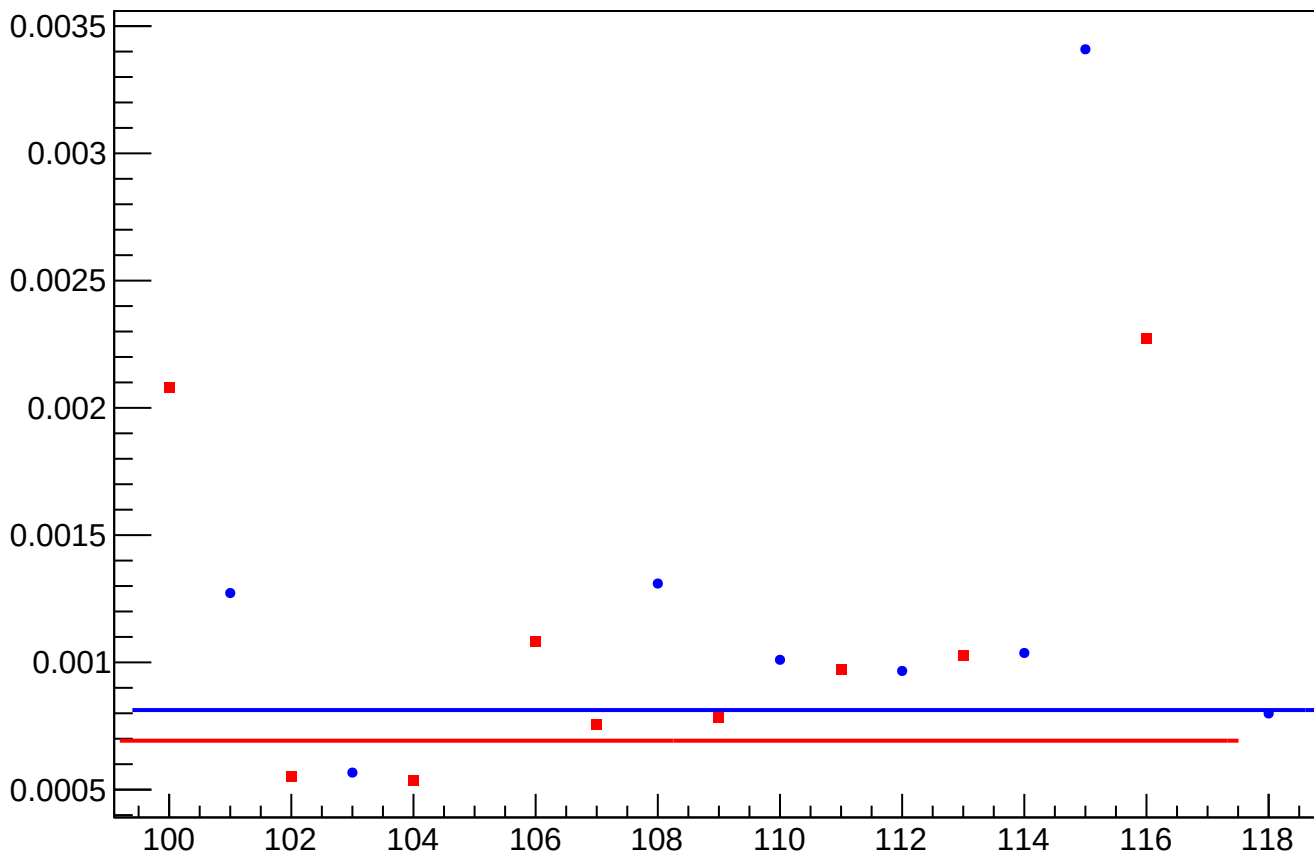
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 733299.5/8

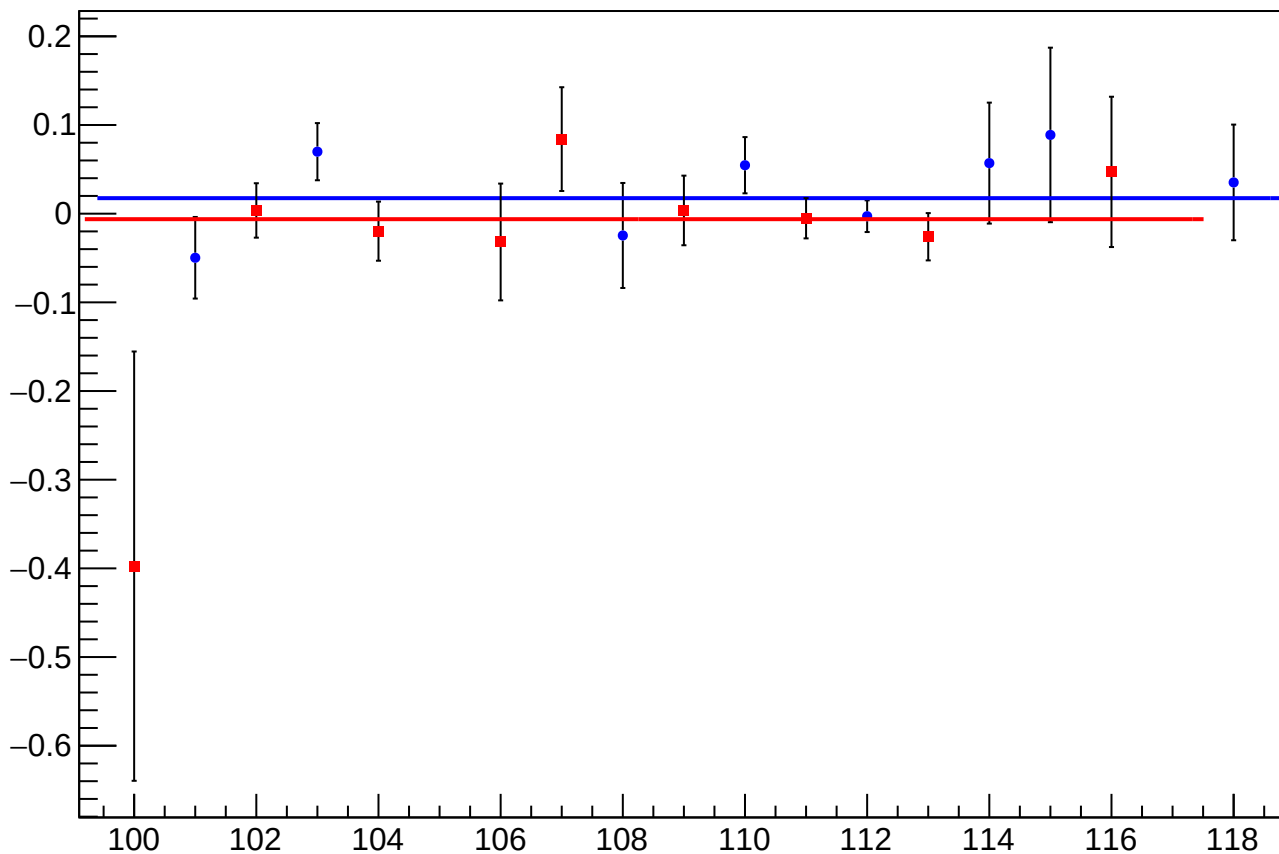
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1515107.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

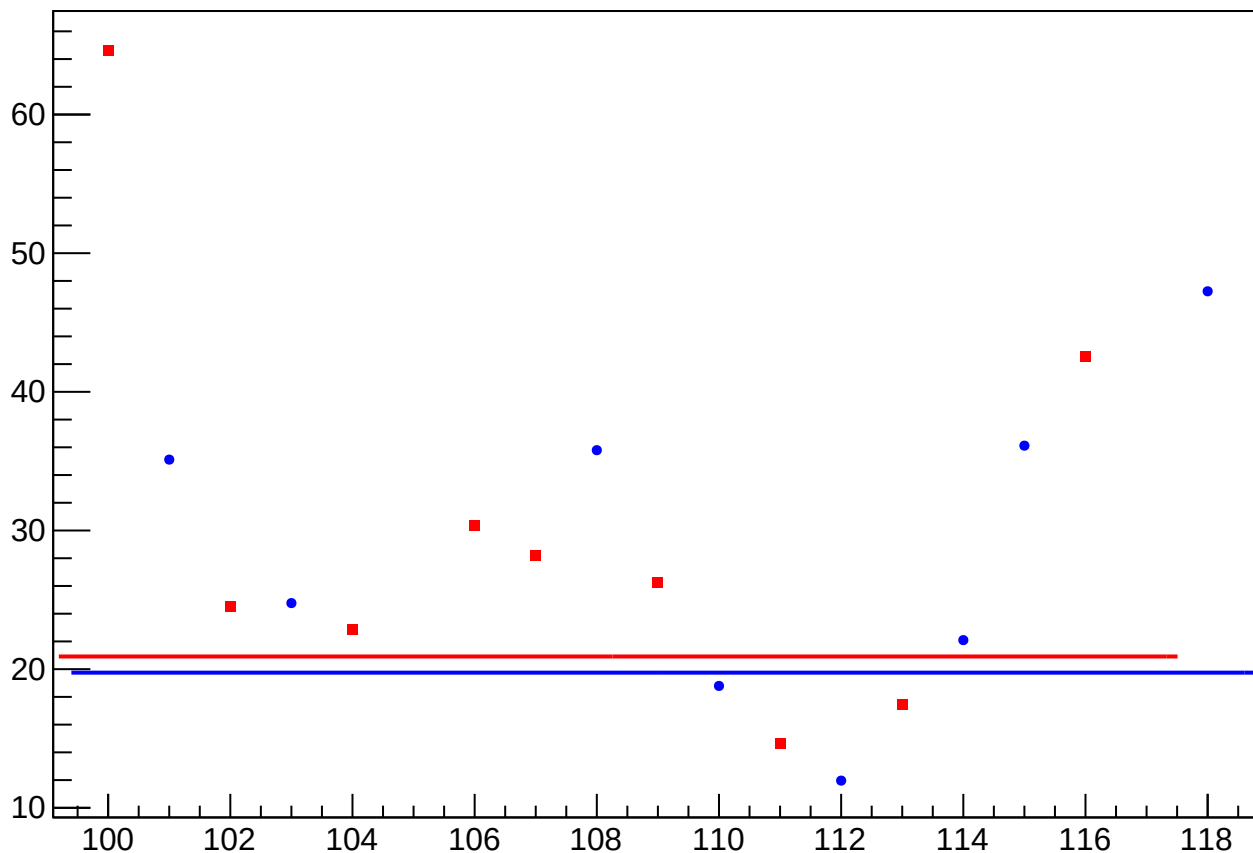
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 20.914+/-0.009 χ^2/NDF : 527496.0/8

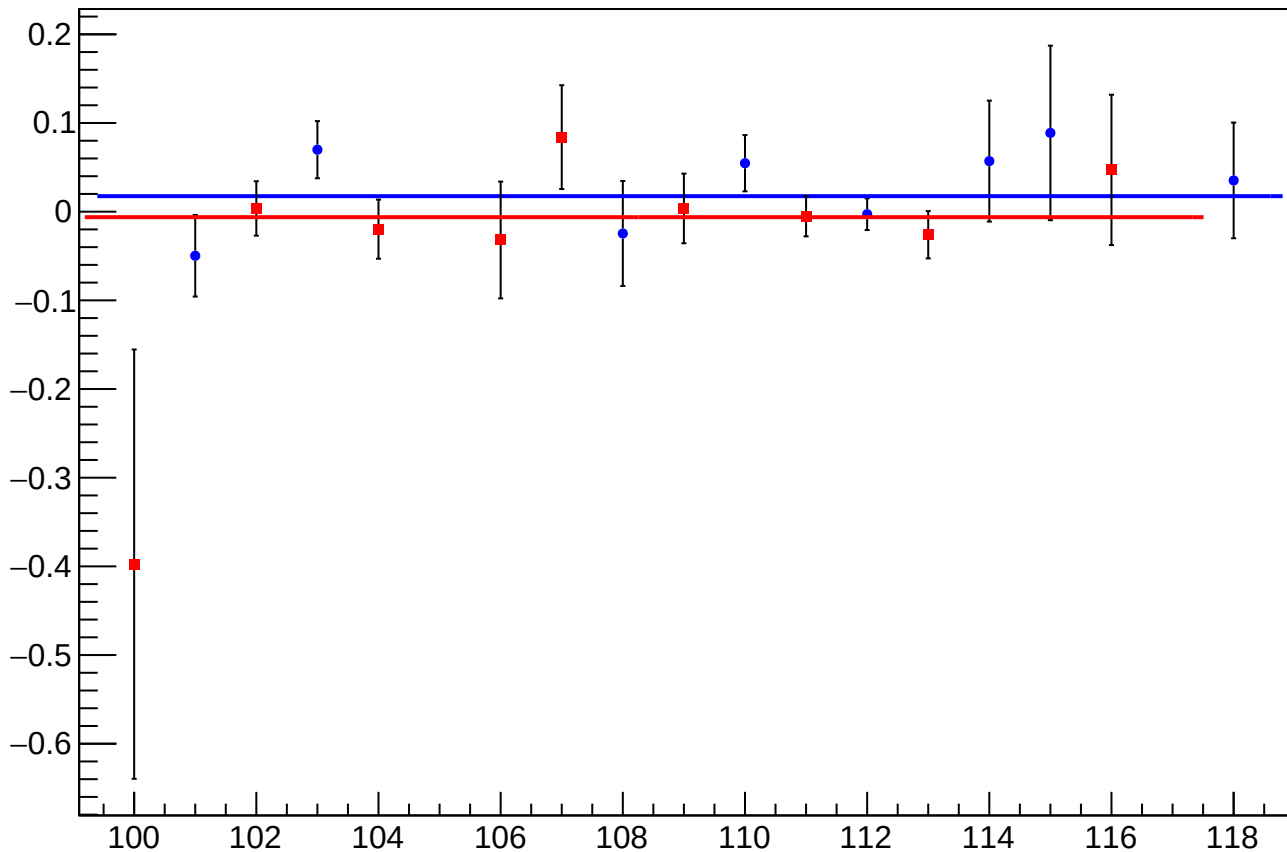
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.343+/-0.006 χ^2/NDF : 1749400.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.006 $\pm$ 0.012 χ^2 /NDF: 6.4/8

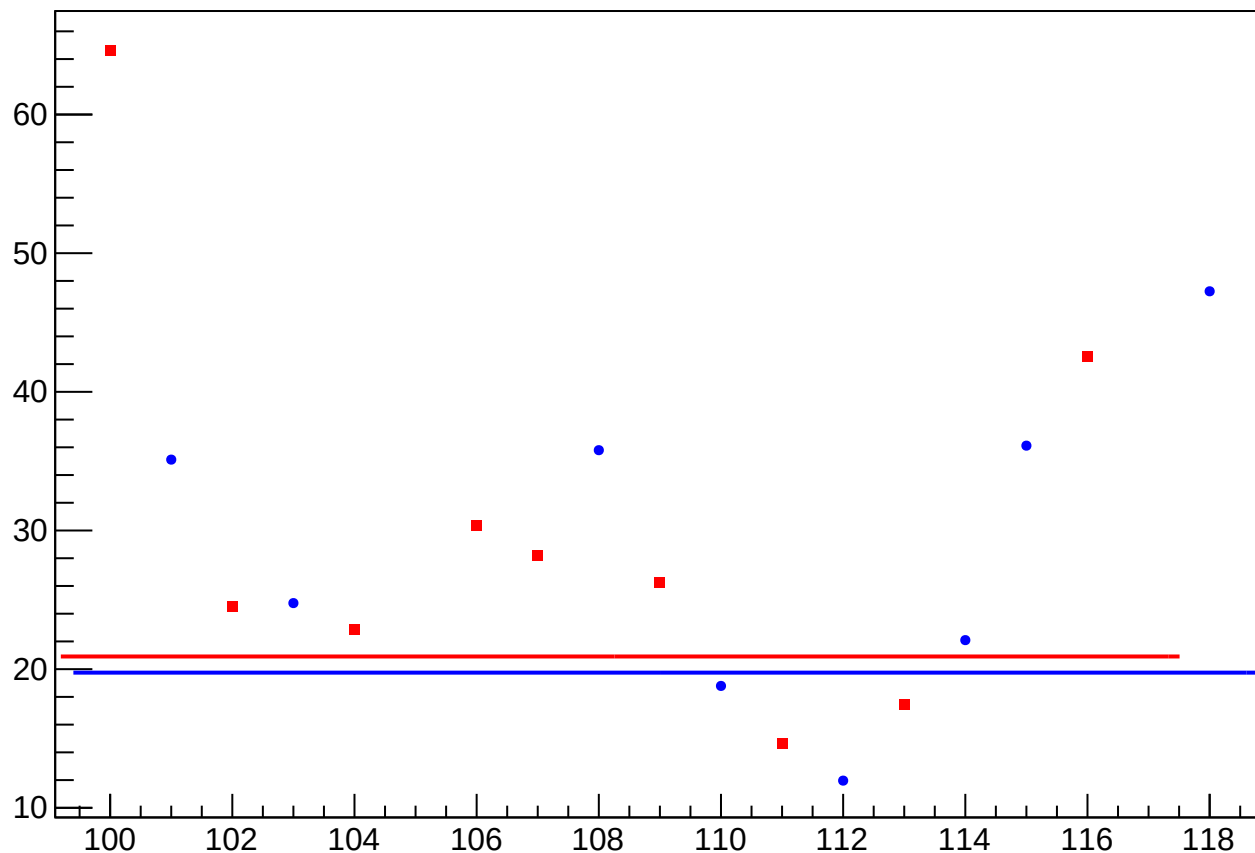
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.009 χ^2 /NDF: 17.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 20.914+/-0.009 χ^2/NDF : 527496.0/8

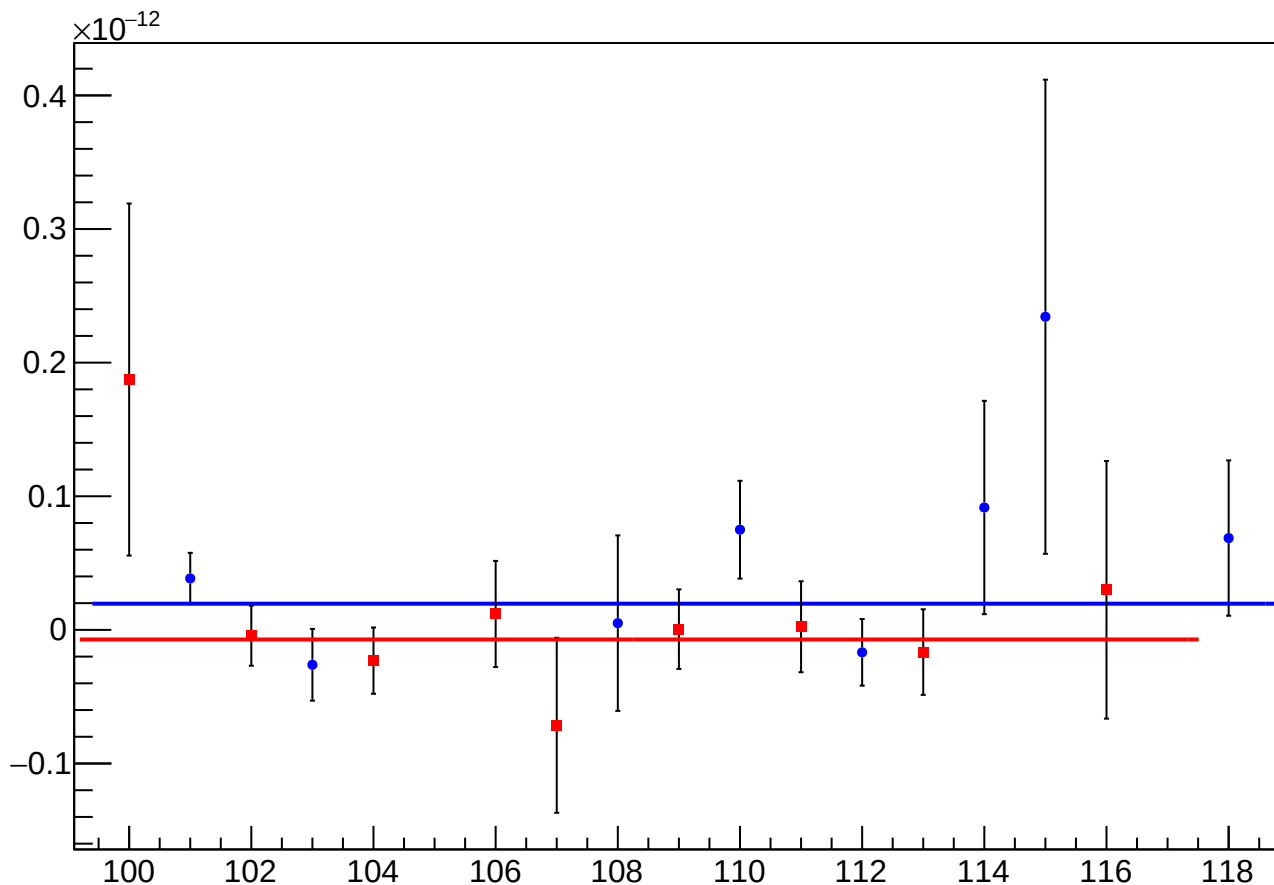
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

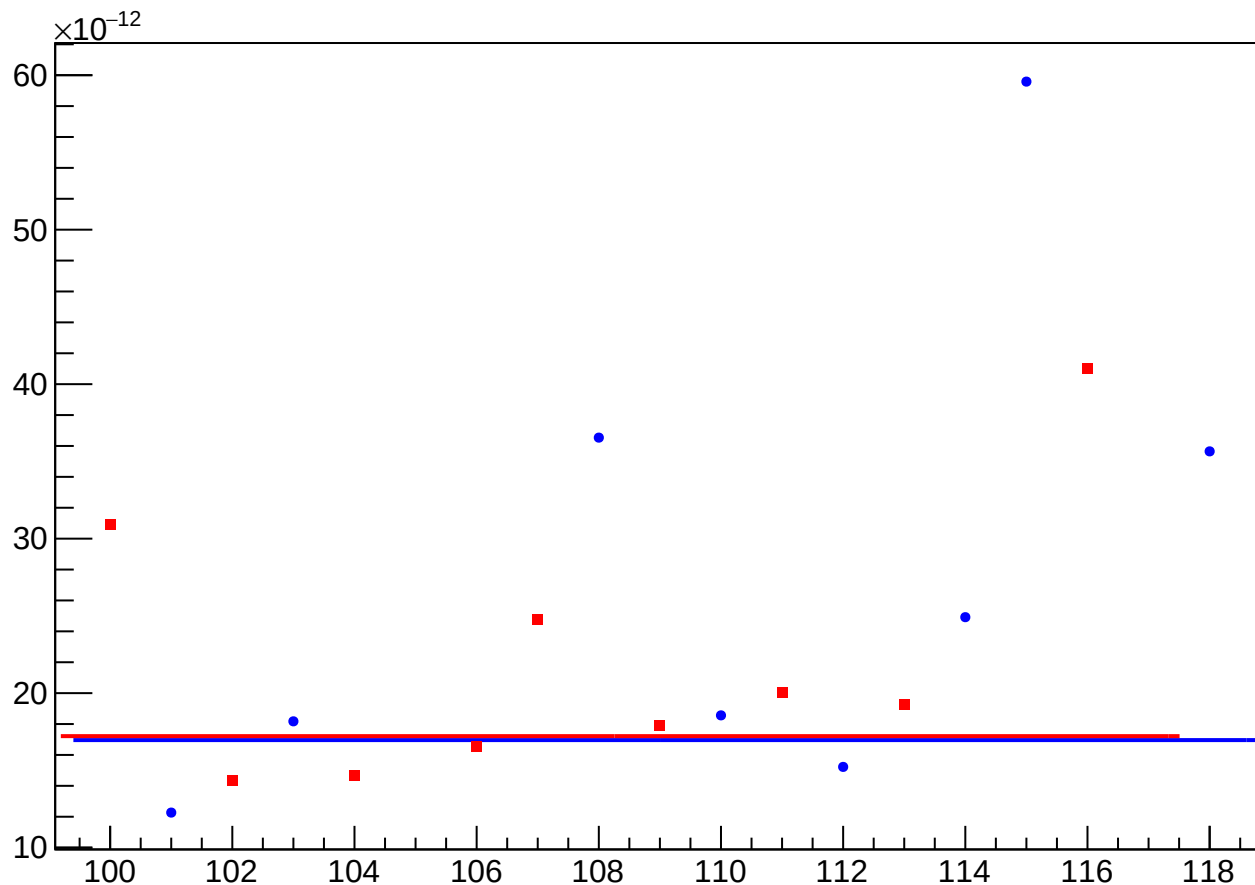
All: 20.343+/-0.006 χ^2/NDF : 1749400.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 249228.7/8

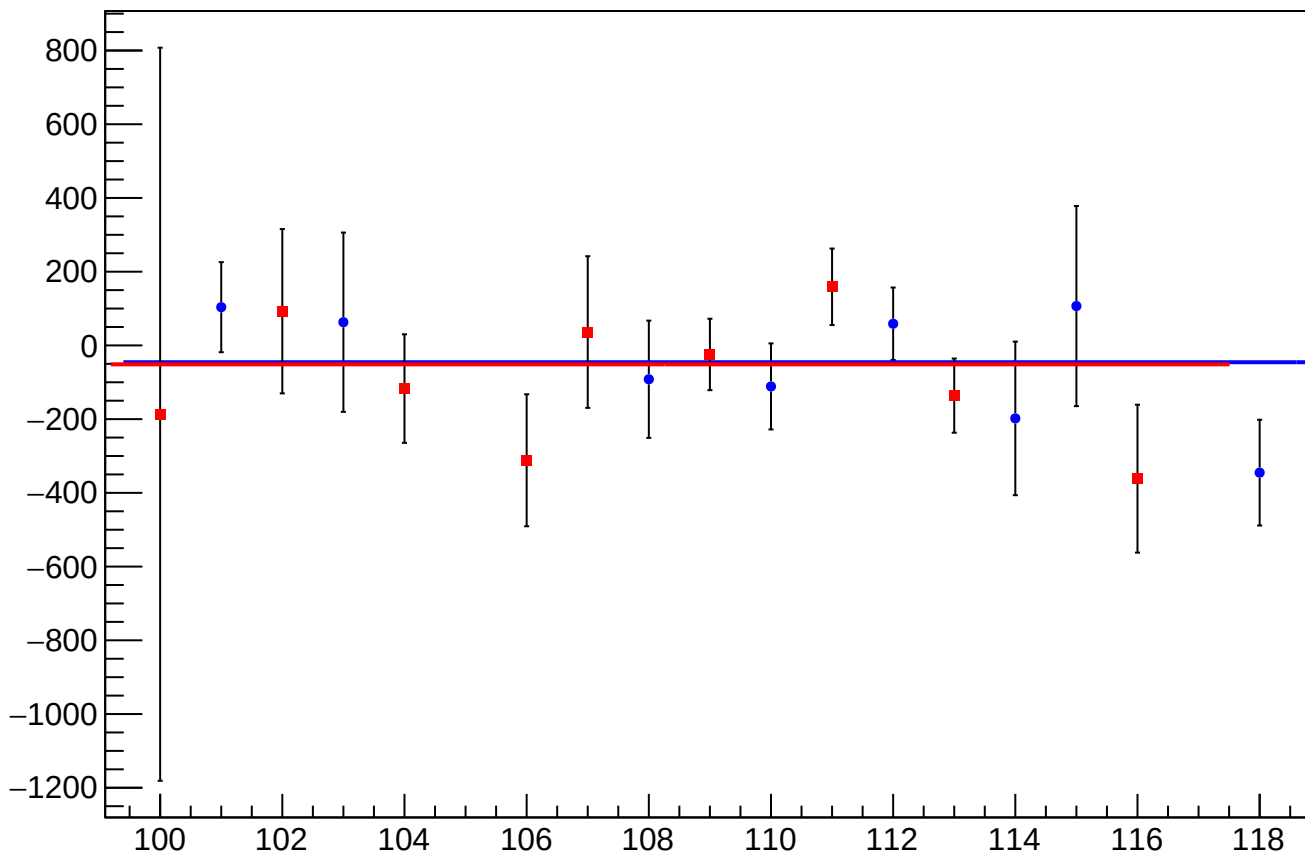
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 906928.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



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: -51.373+/-47.389 χ^2/NDF : 10.2/8

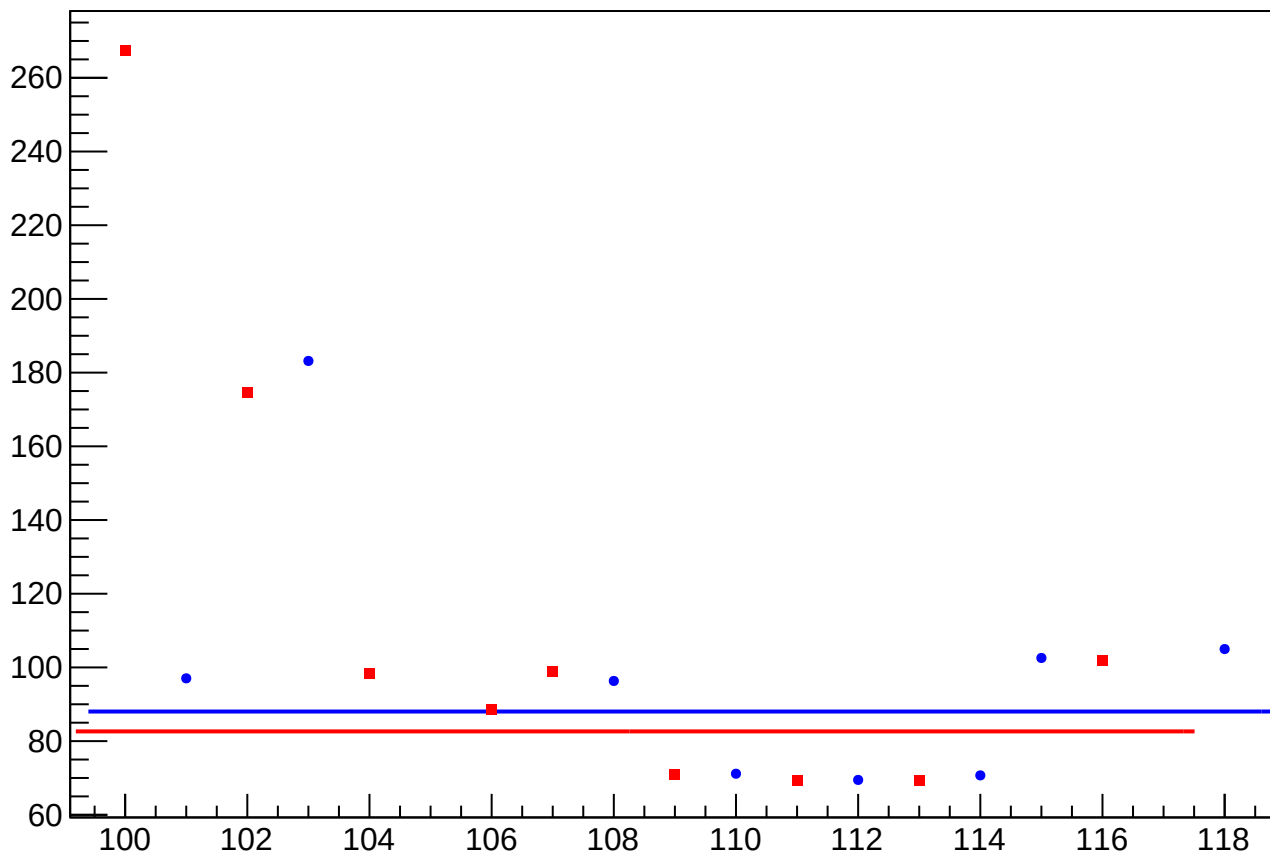
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.701+/-34.694 χ^2/NDF : 18.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



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: 82.641+/-0.034 χ^2/NDF : 563476.0/8

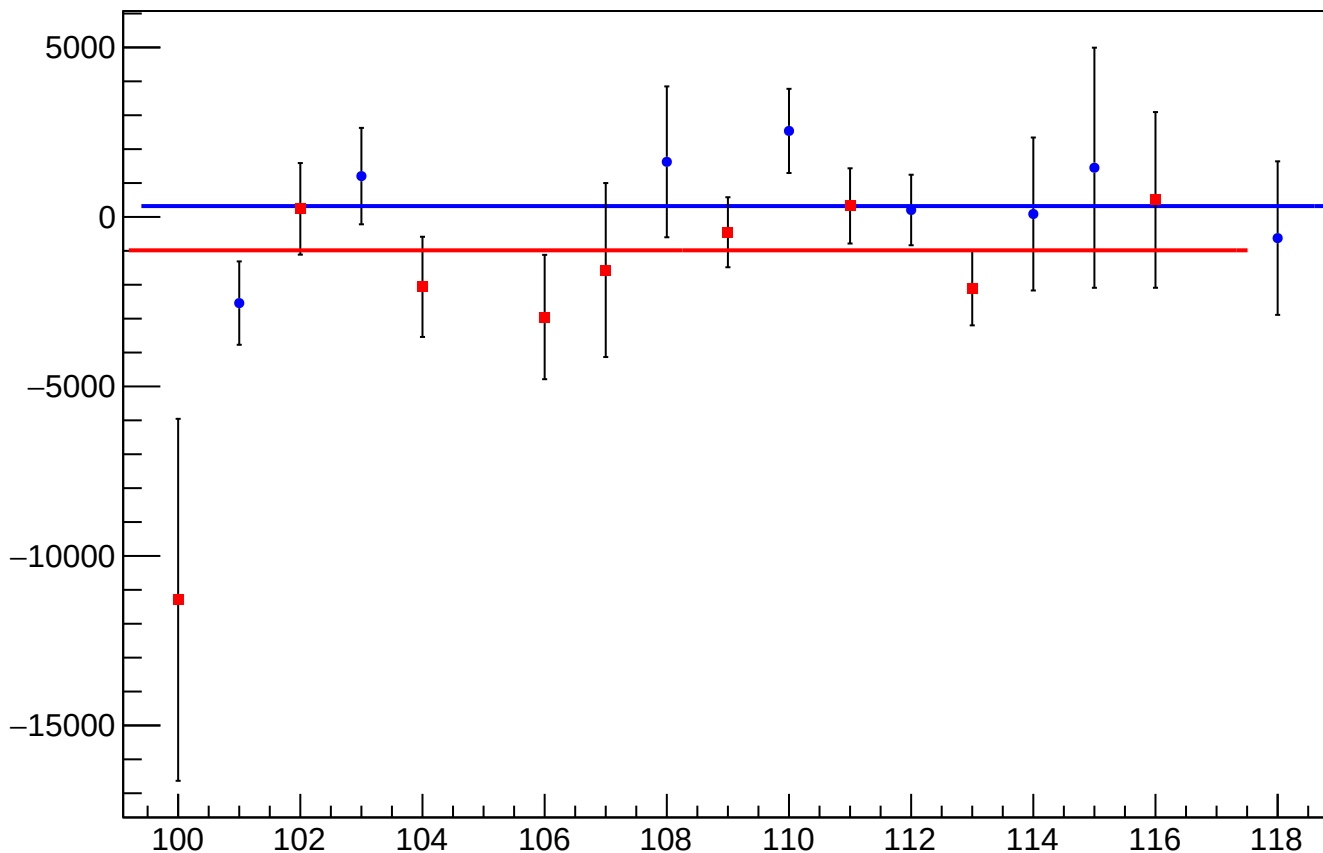
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.144+/-0.025 χ^2/NDF : 1058488.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 320.419 $\pm$ 542.175 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -984.791 $\pm$ 486.762 χ^2 /NDF: 9.3/8

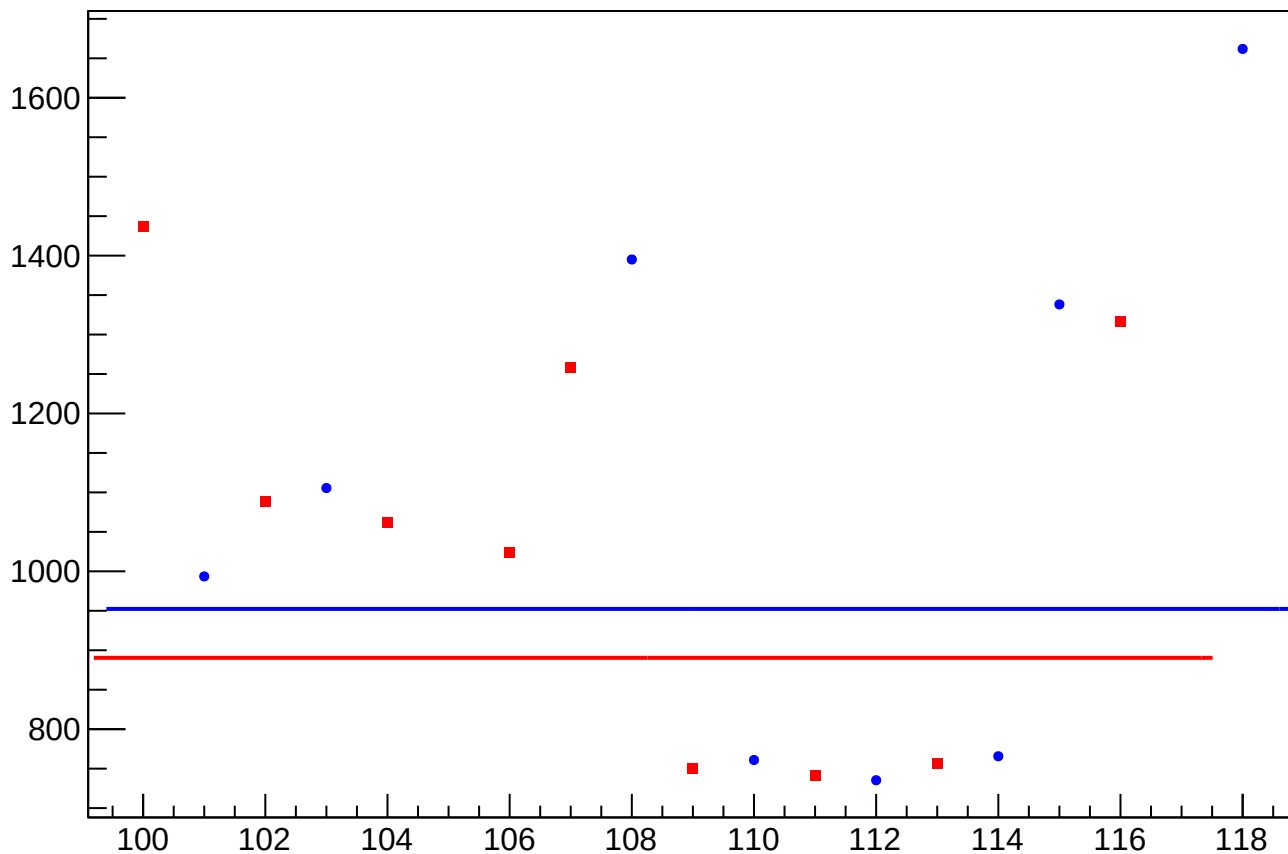
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -402.275 $\pm$ 362.204 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



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: 890.394+/-0.344 χ^2/NDF : 299463.1/8

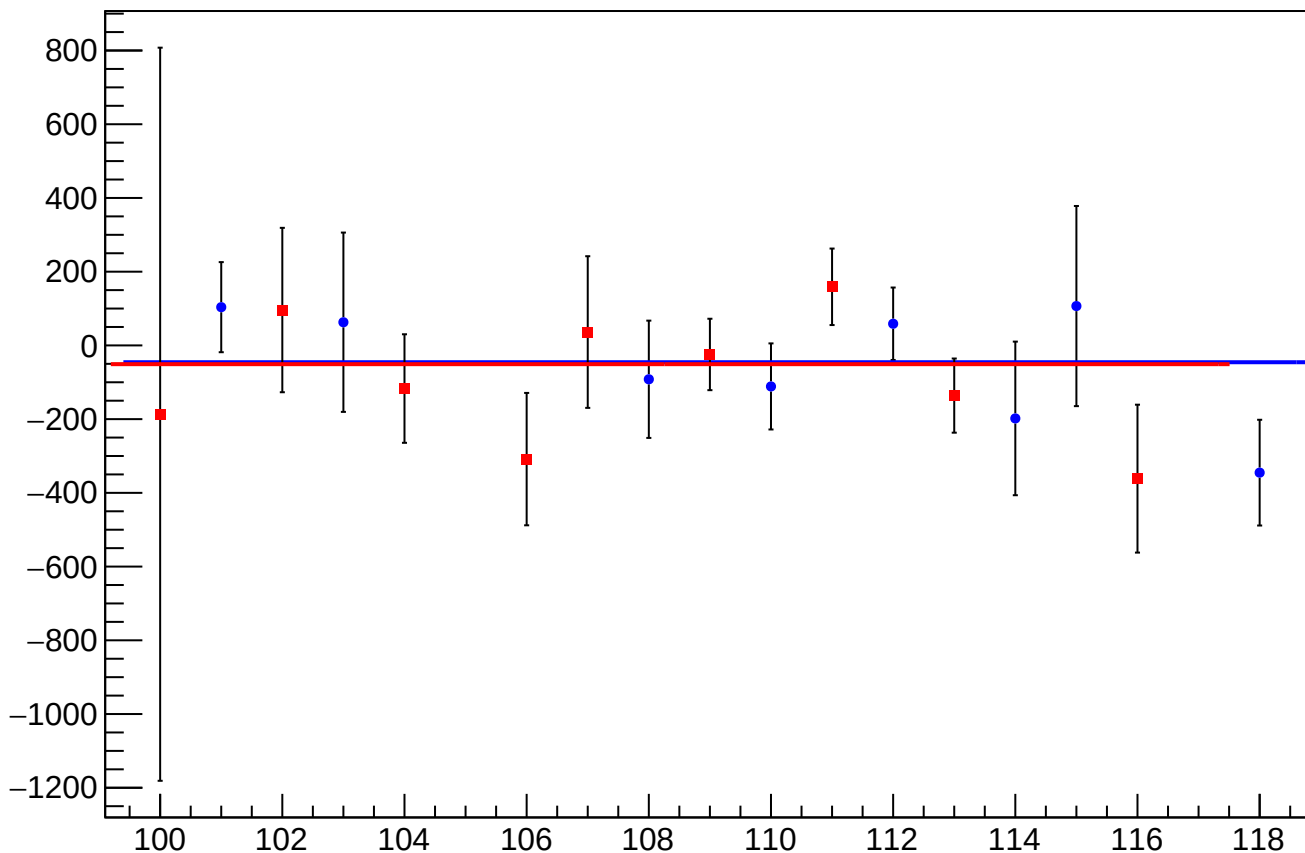
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.056+/-0.256 χ^2/NDF : 786921.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



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: -50.897+/-47.400 χ^2/NDF : 10.2/8

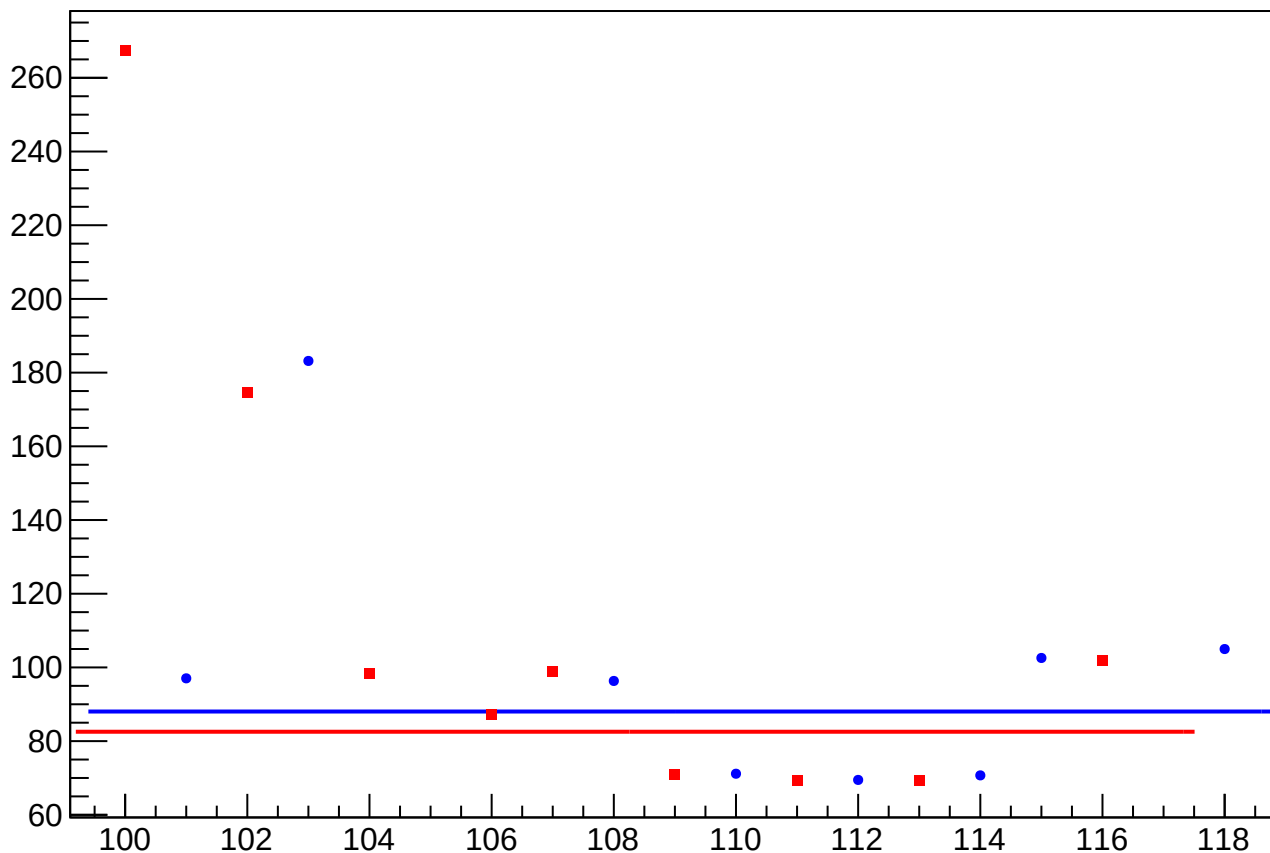
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.457+/-34.698 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



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: 82.547+/-0.034 χ^2/NDF : 562827.6/8

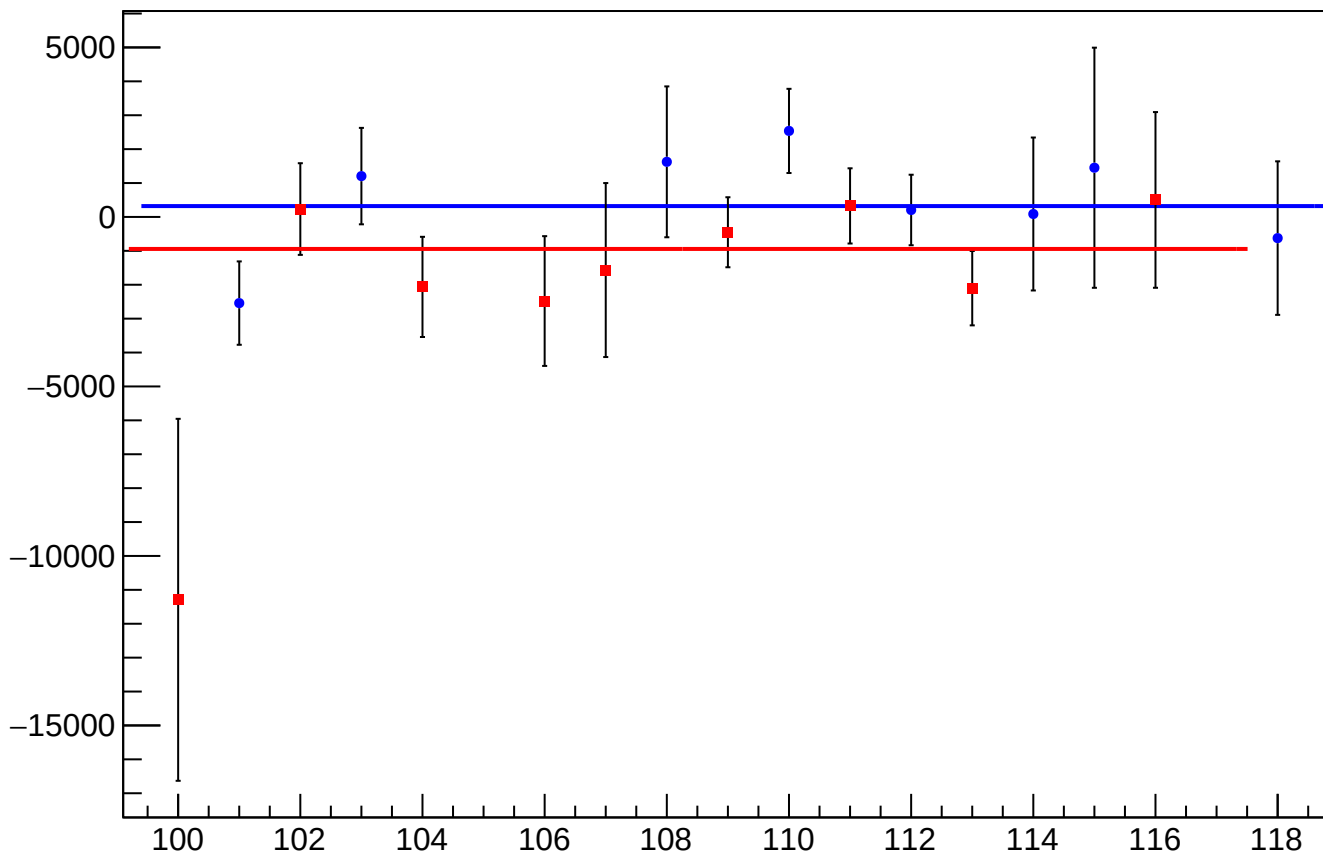
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.094+/-0.025 χ^2/NDF : 1058264.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 320.394 $\pm$ 542.183 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -943.840 $\pm$ 488.212 χ^2 /NDF: 8.8/8

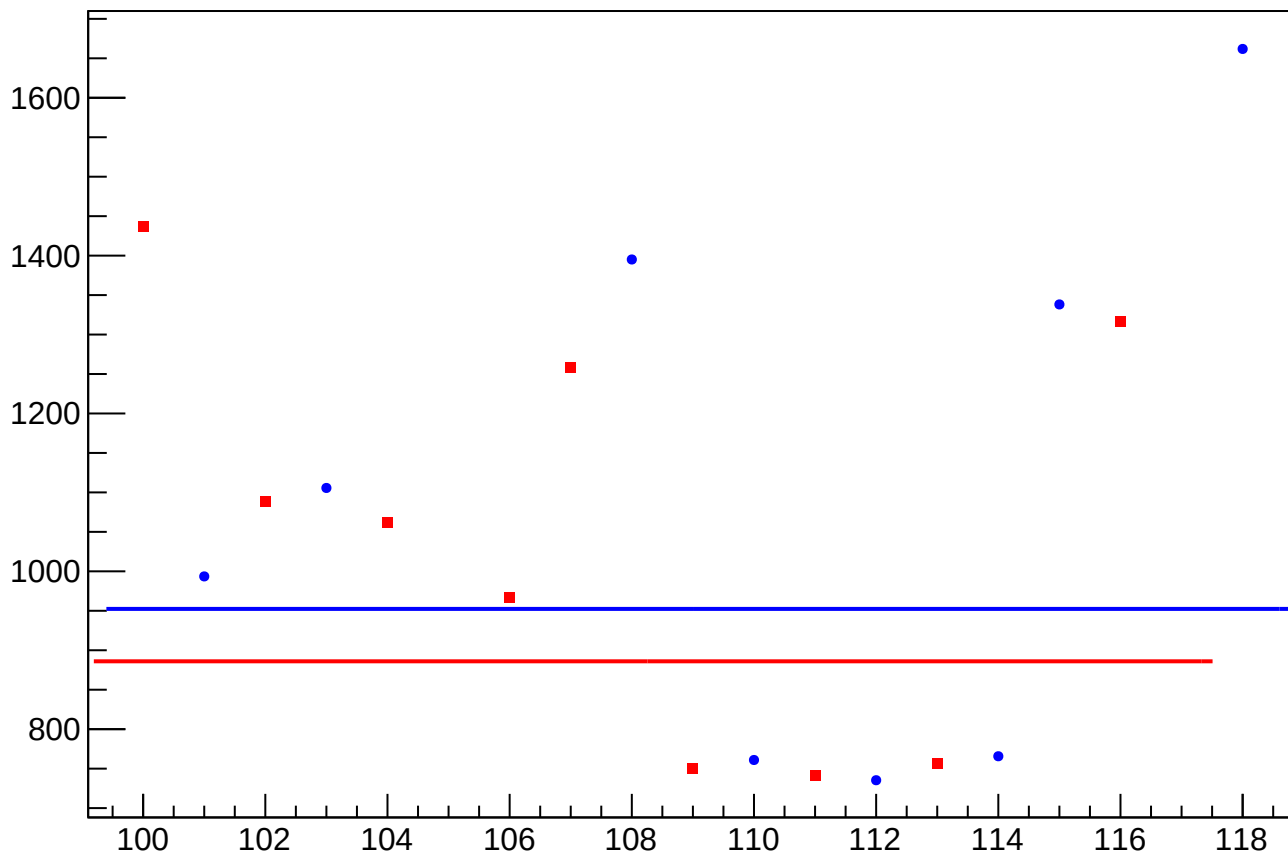
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -377.761 $\pm$ 362.803 χ^2 /NDF: 21.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



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: 885.985+/-0.345 χ^2/NDF : 292185.4/8

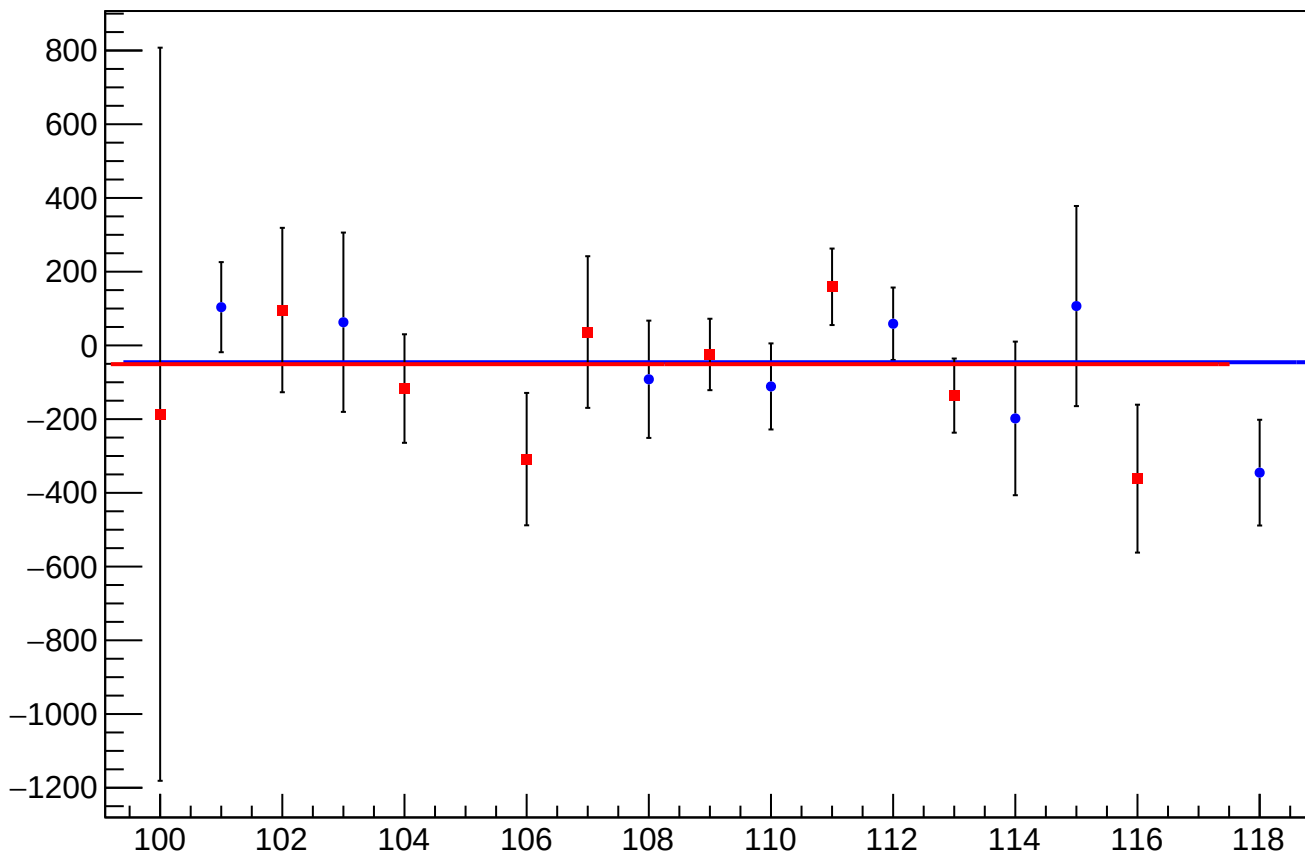
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.717+/-0.257 χ^2/NDF : 781765.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



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: -50.897+/-47.400 χ^2/NDF : 10.2/8

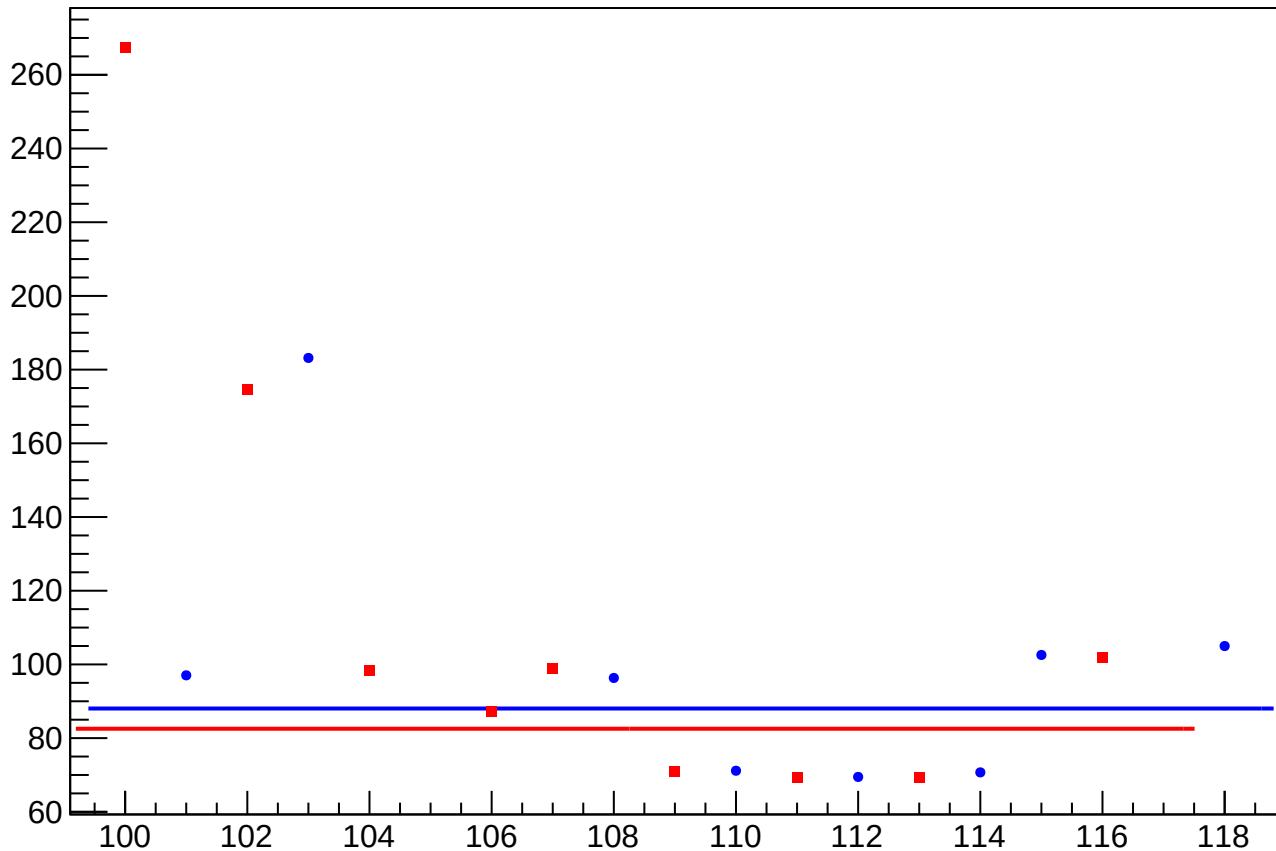
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.457+/-34.698 χ^2/NDF : 18.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



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: 82.547+/-0.034 χ^2/NDF : 562827.6/8

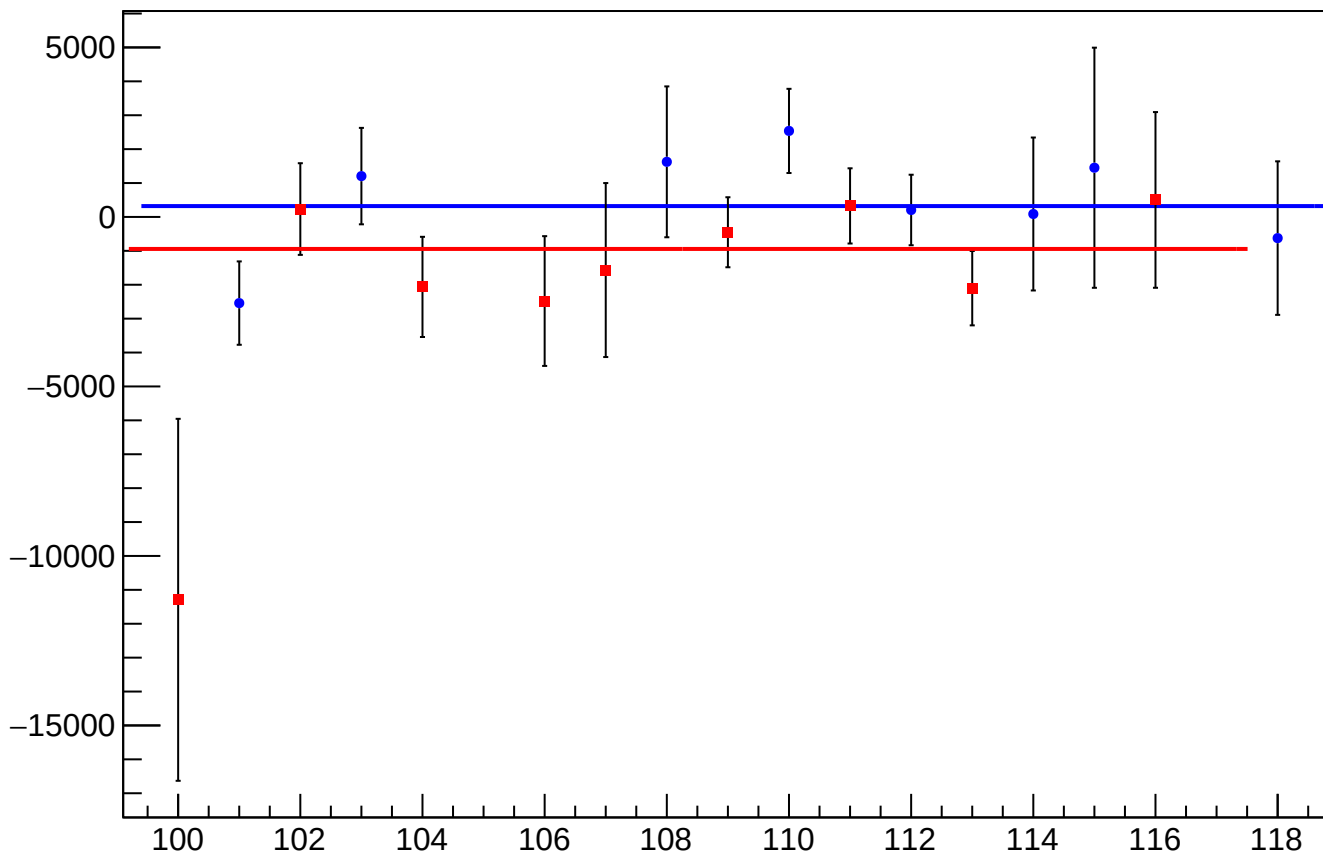
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.094+/-0.025 χ^2/NDF : 1058264.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



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: -943.840+/-488.212 χ^2/NDF : 8.8/8

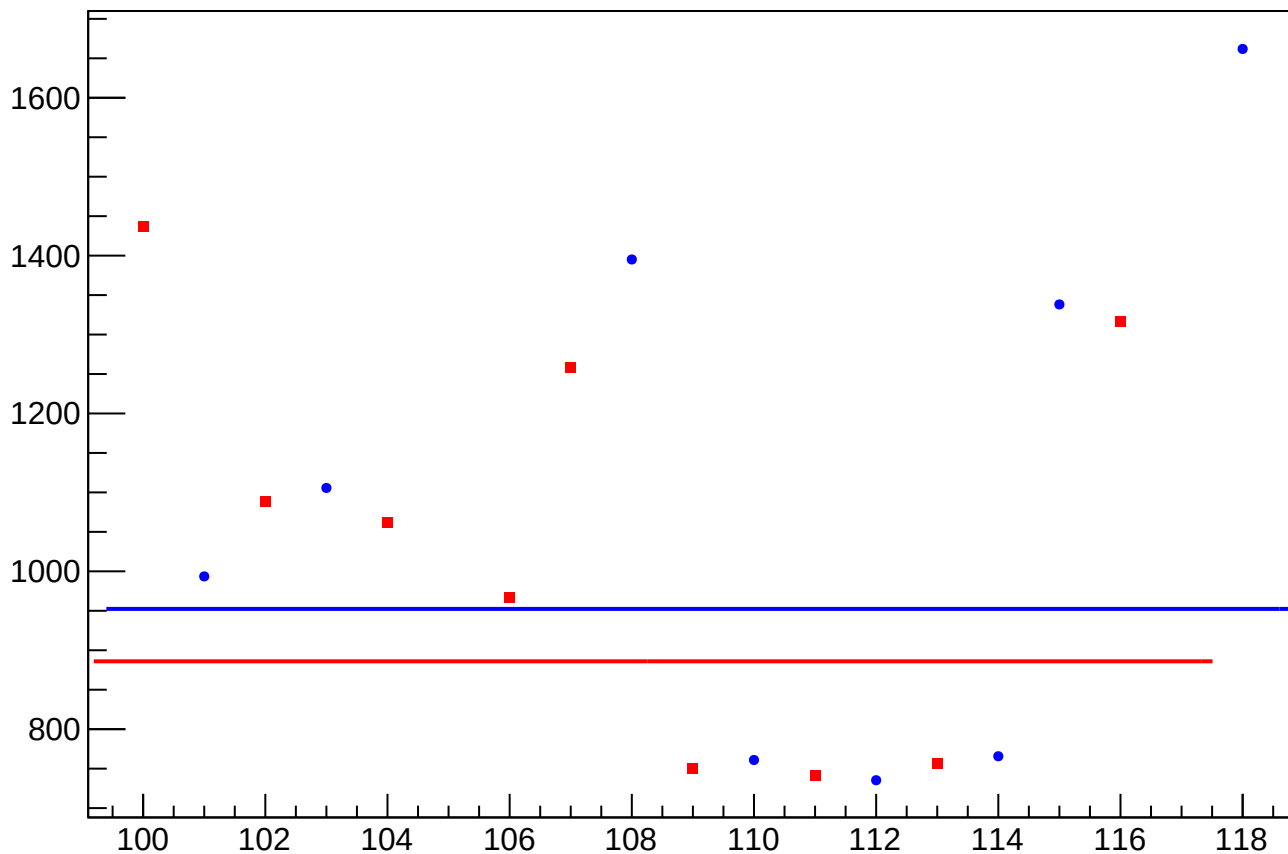
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -377.761+/-362.803 χ^2/NDF : 21.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



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: 885.985+/-0.345 χ^2/NDF : 292185.4/8

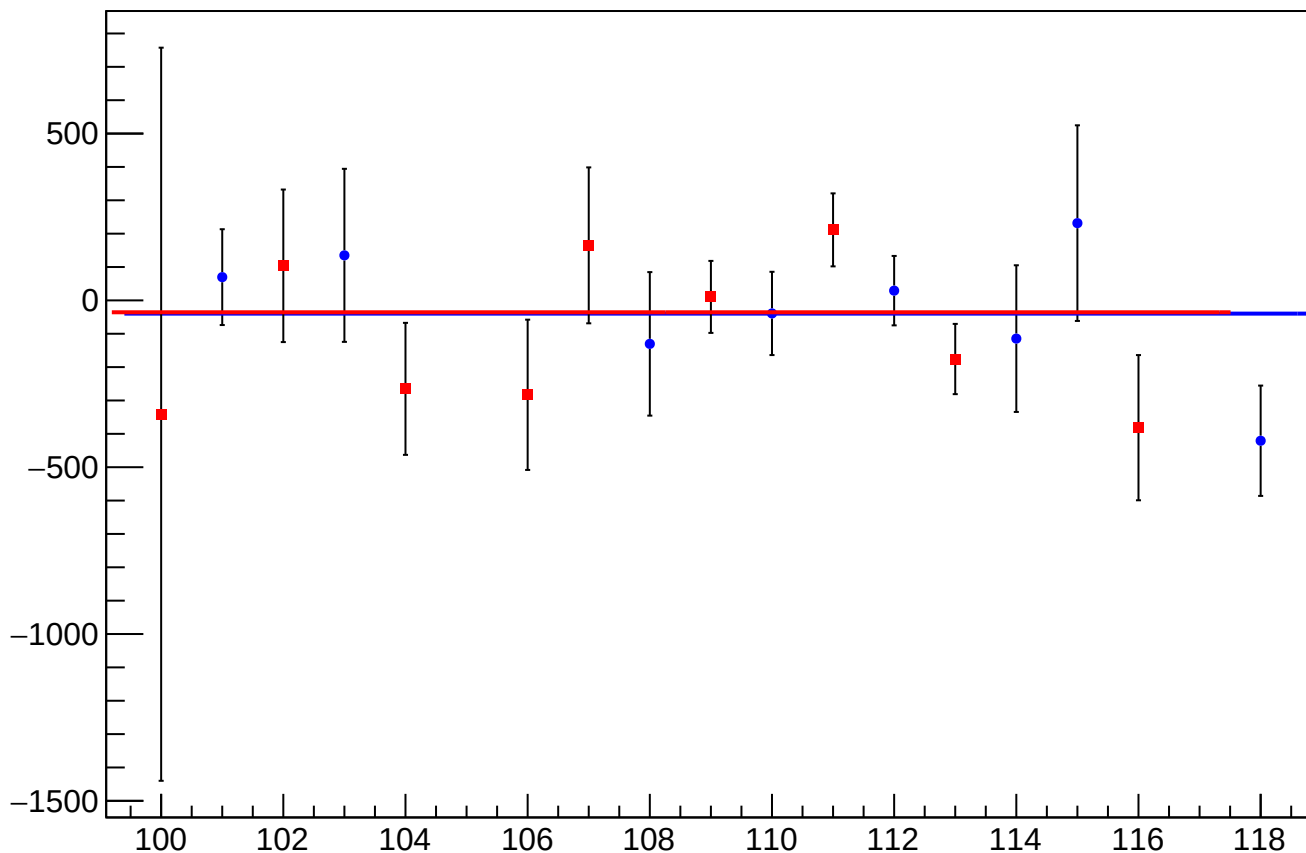
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 915.717+/-0.257 χ^2/NDF : 781765.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -39.657 $\pm$ 56.752 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.641 $\pm$ 52.392 χ^2 /NDF: 13.3/8

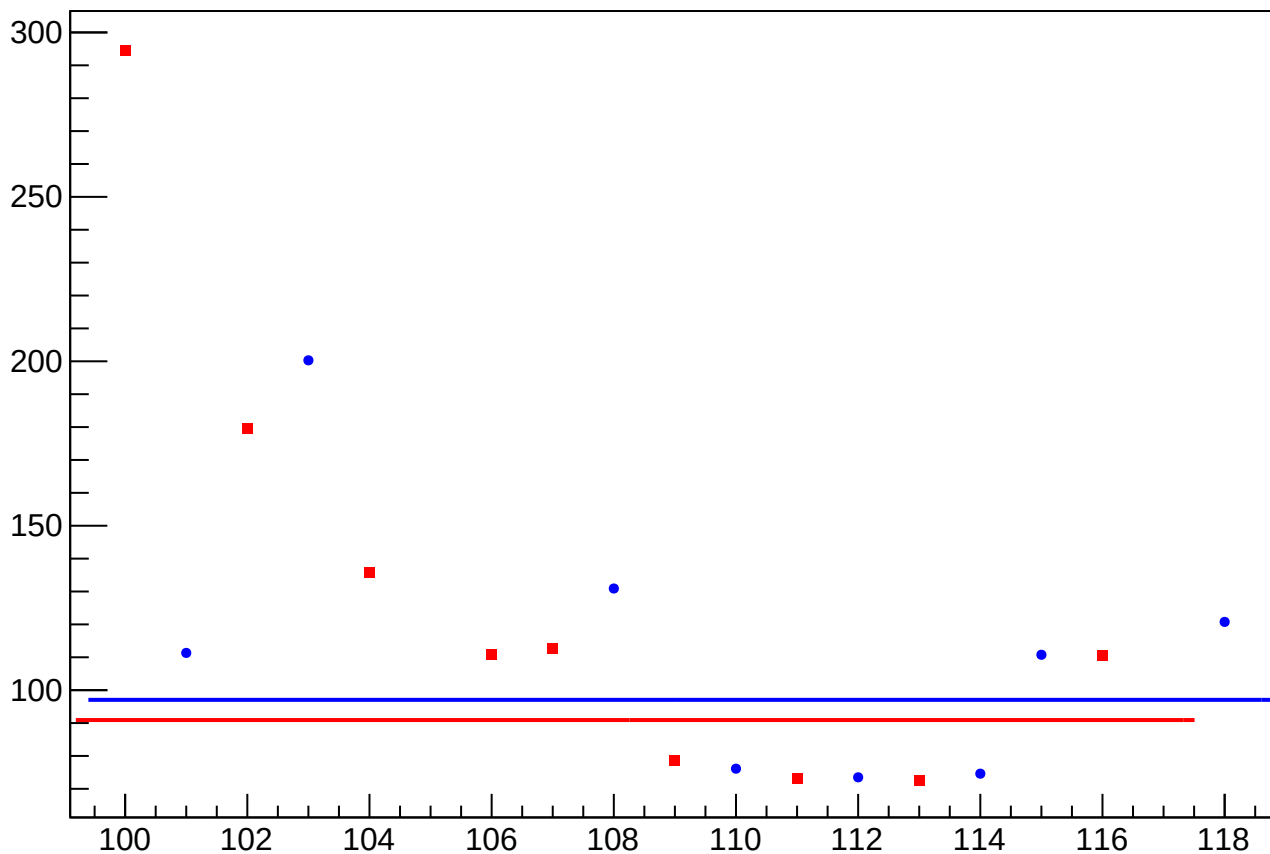
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.489 $\pm$ 38.496 χ^2 /NDF: 21.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



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: 90.913±0.037 χ^2/NDF : 662856.6/8

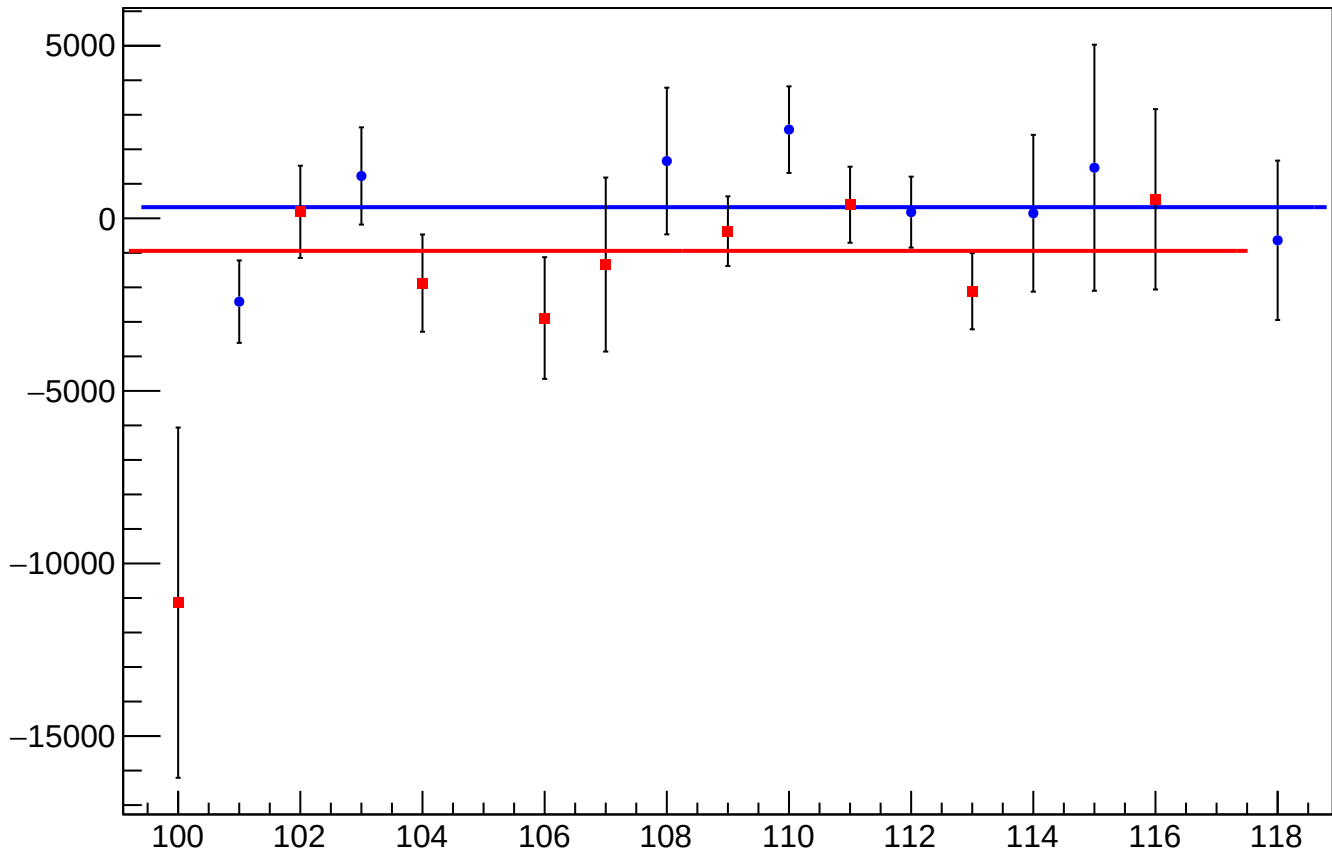
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: 93.741±0.027 χ^2/NDF : 1286918.5/16

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 323.364 $\pm$ 536.907 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -943.037 $\pm$ 479.231 χ^2 /NDF: 9.7/8

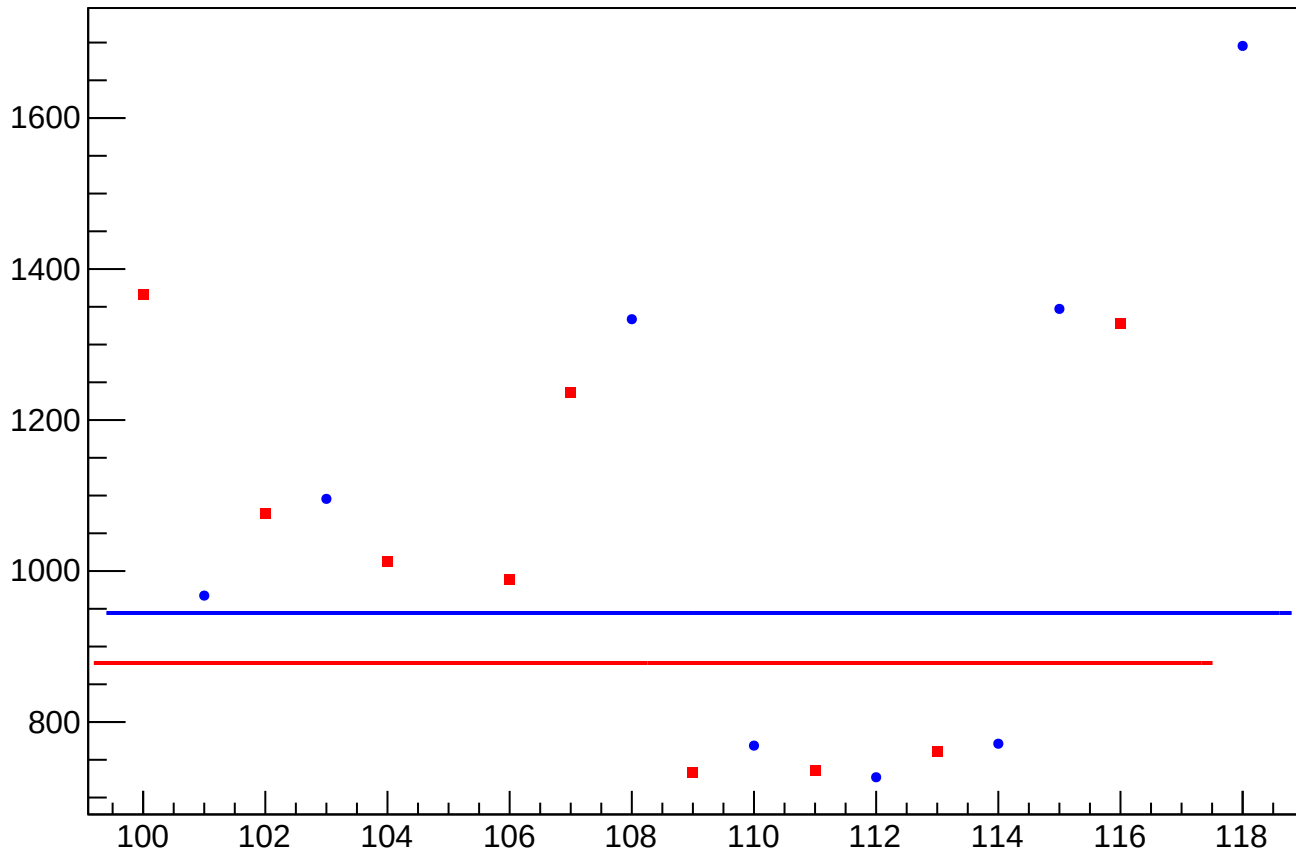
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -381.486 $\pm$ 357.526 χ^2 /NDF: 22.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



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: 878.220+/-0.339 χ^2/NDF : 285552.1/8

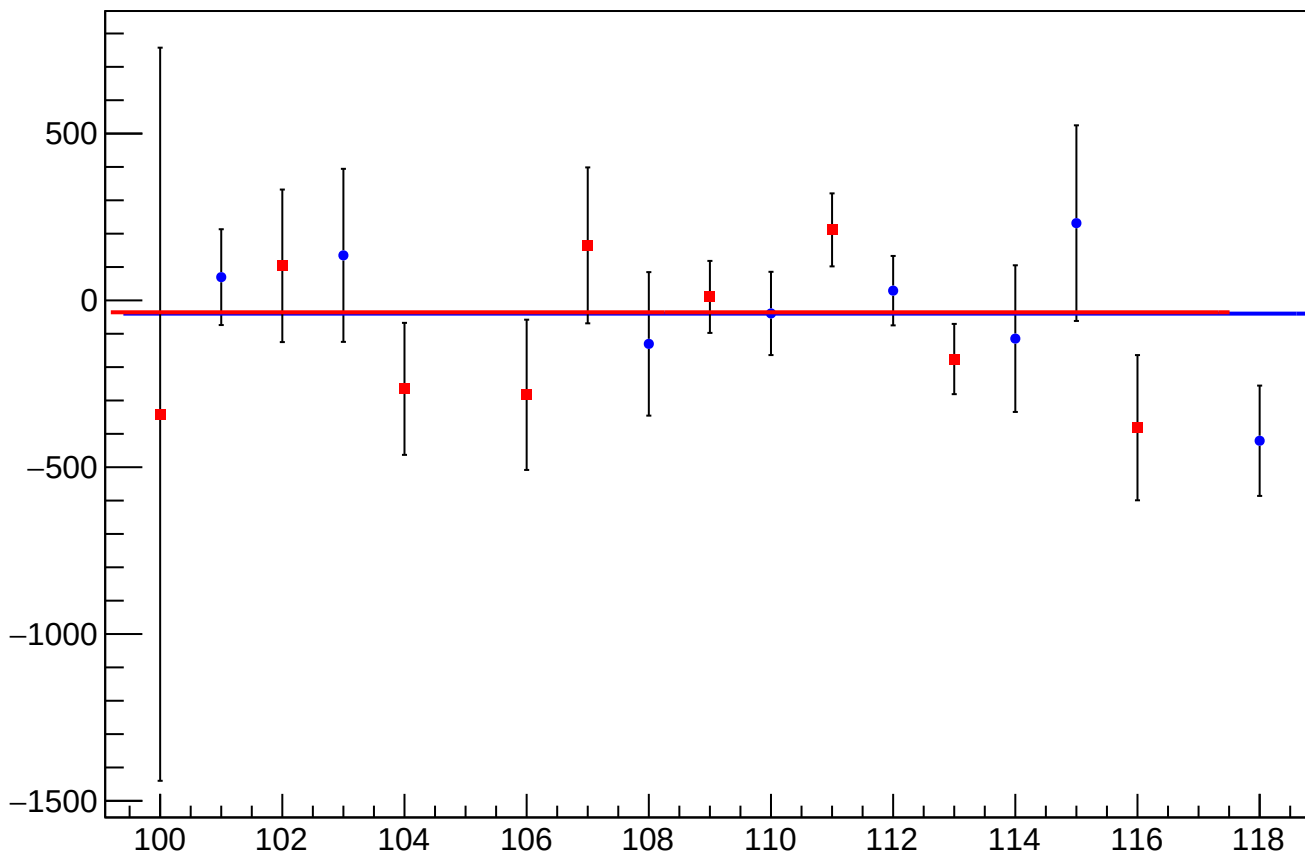
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.589+/-0.253 χ^2/NDF : 771047.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -39.658 $\pm$ 56.752 χ^2 /NDF: 7.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -35.638 $\pm$ 52.392 χ^2 /NDF: 13.3/8

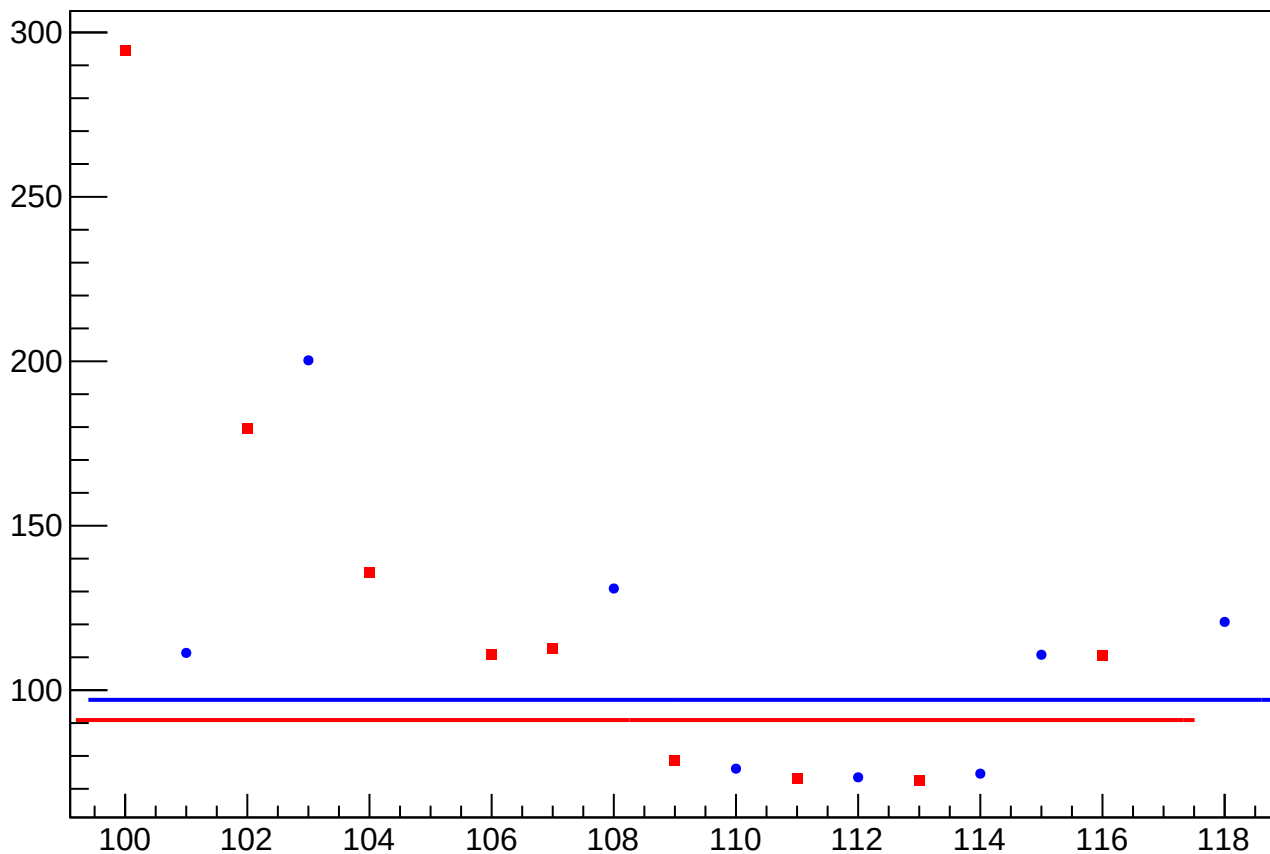
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.488 $\pm$ 38.496 χ^2 /NDF: 21.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 97.059 $\pm$ 0.040 χ^2 /NDF: 611401.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.913 $\pm$ 0.037 χ^2 /NDF: 662858.9/8

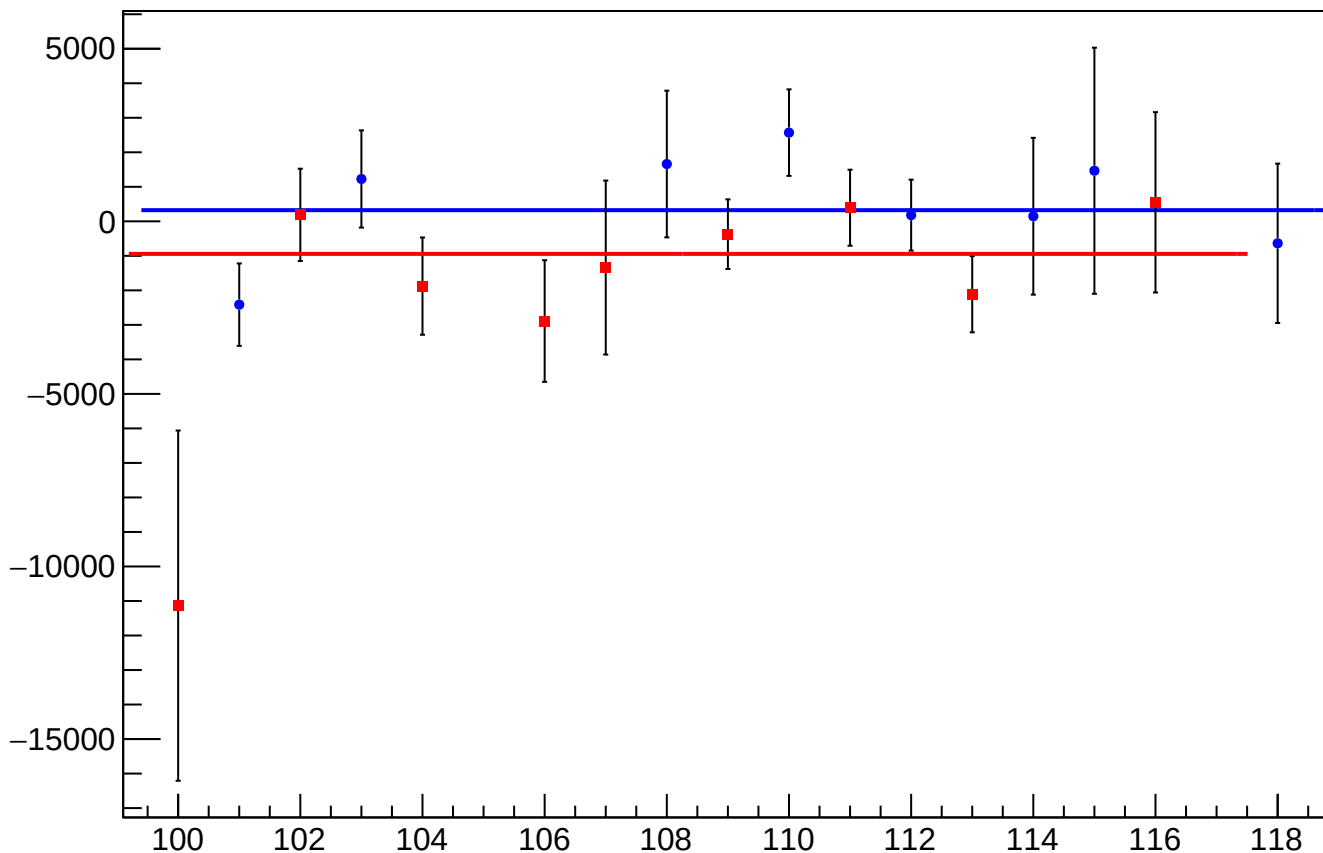
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.741 $\pm$ 0.027 χ^2 /NDF: 1286923.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 323.363 $\pm$ 536.906 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -943.035 $\pm$ 479.231 χ^2 /NDF: 9.7/8

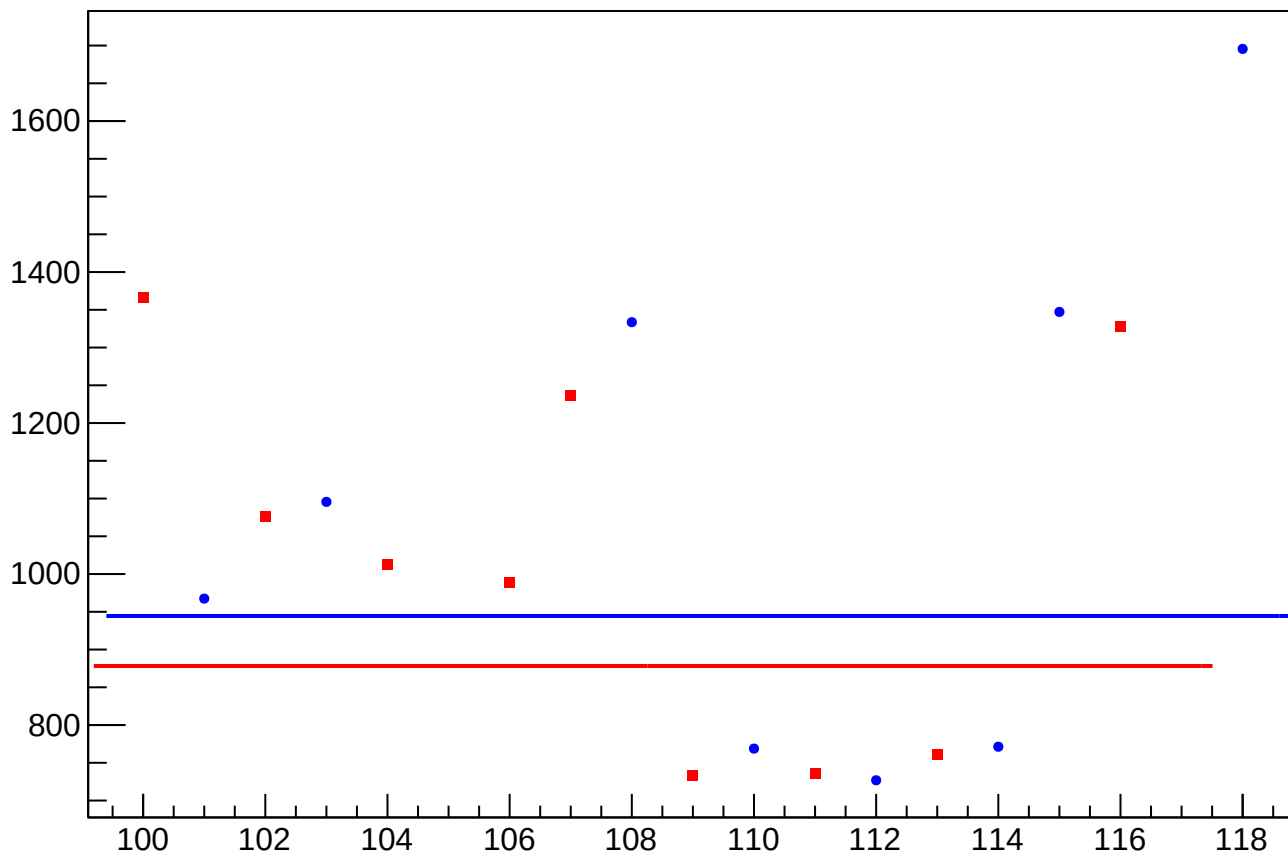
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -381.485 $\pm$ 357.526 χ^2 /NDF: 22.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



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: 878.218+/-0.339 χ^2/NDF : 285552.8/8

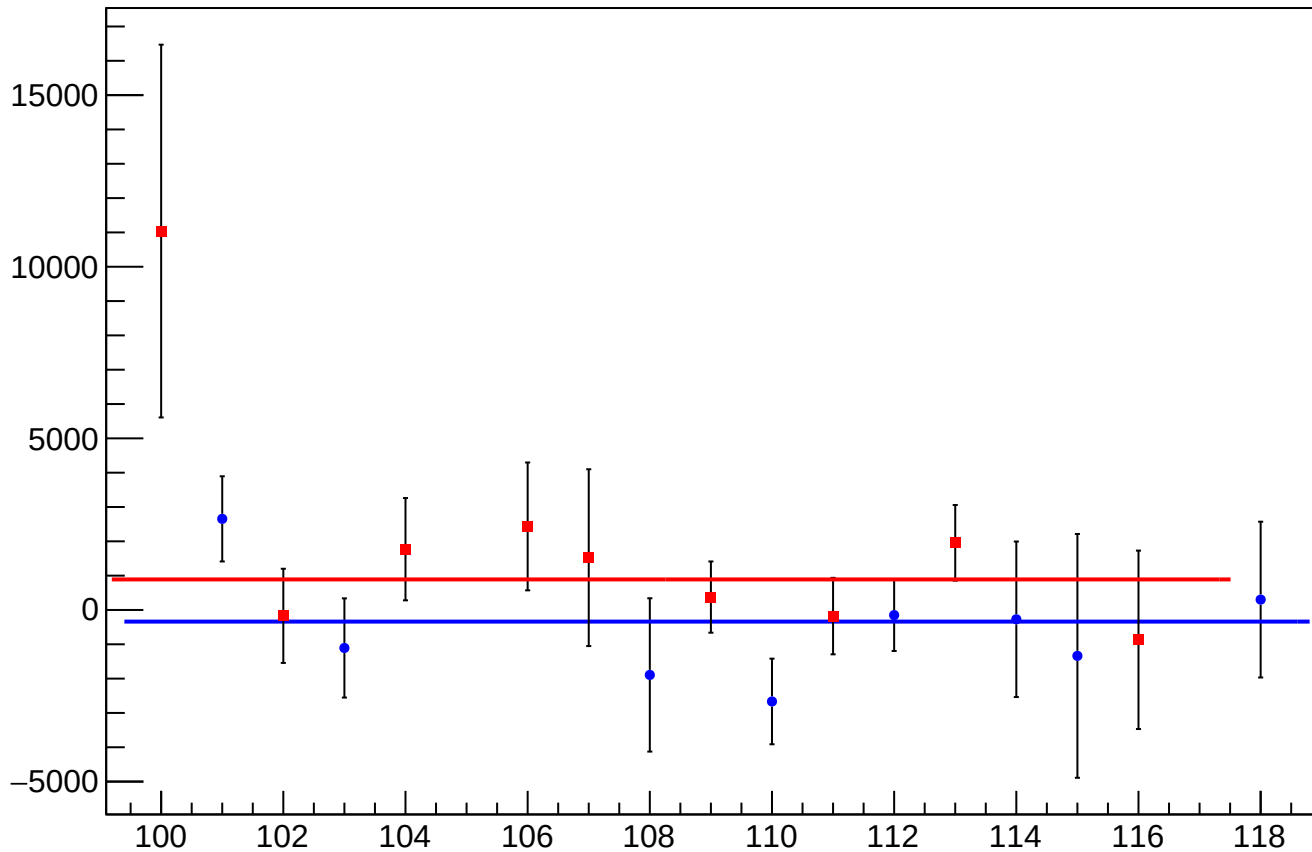
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 907.587+/-0.253 χ^2/NDF : 771050.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



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: 889.467+/-490.216 χ^2/NDF : 7.8/8

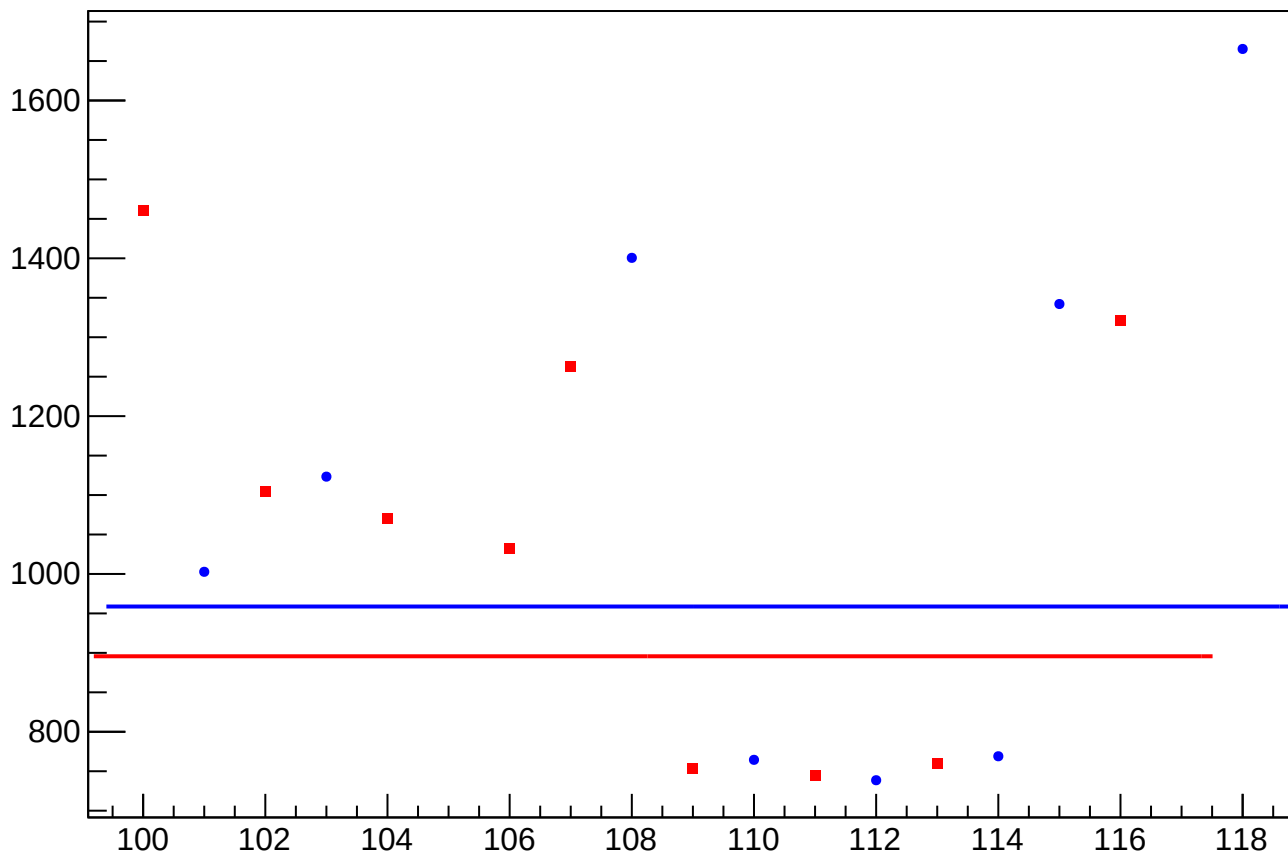
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.176+/-364.736 χ^2/NDF : 20.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



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: 895.686+/-0.347 χ^2/NDF : 305323.5/8

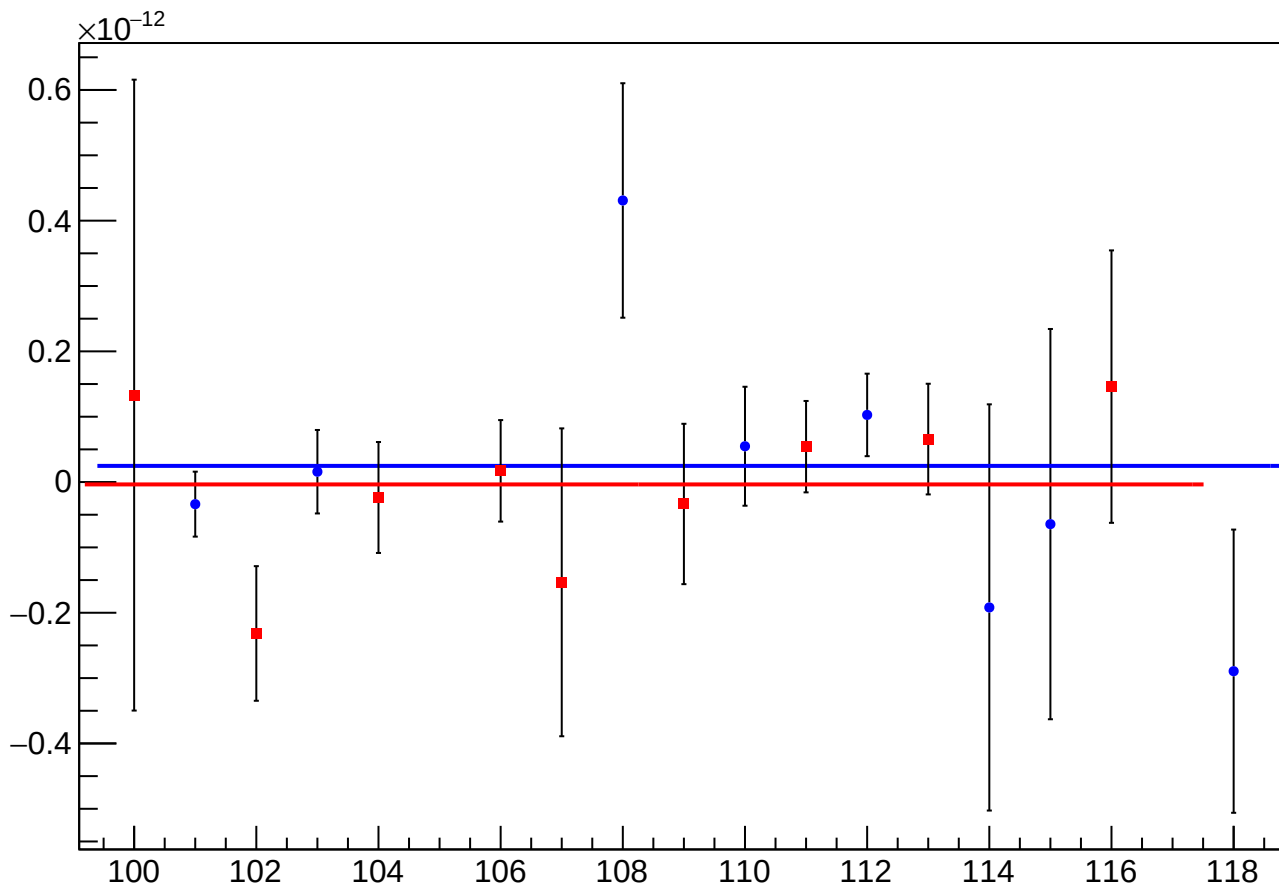
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 923.835+/-0.258 χ^2/NDF : 795331.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 10.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 7.4/8

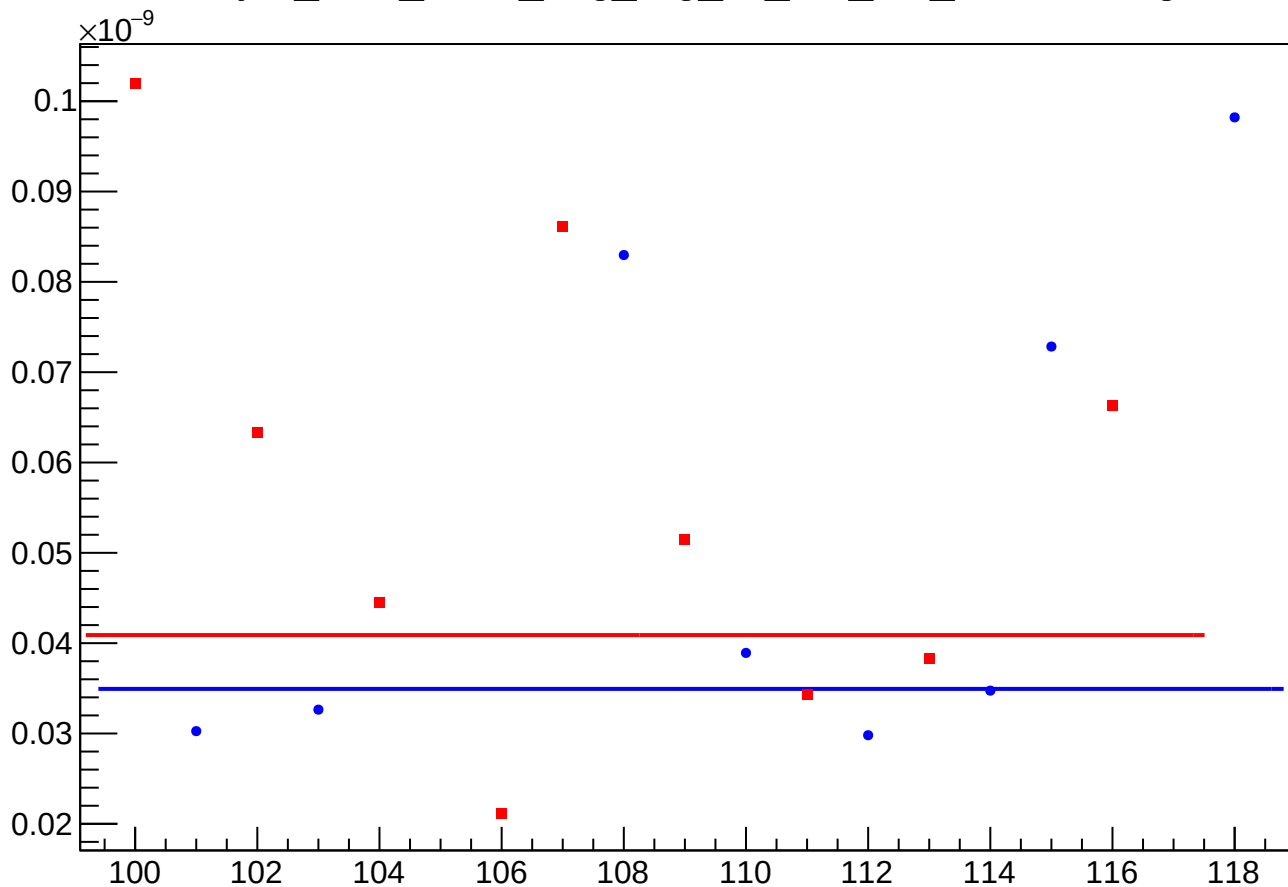
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 18.7/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug



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 : 397055.0/8

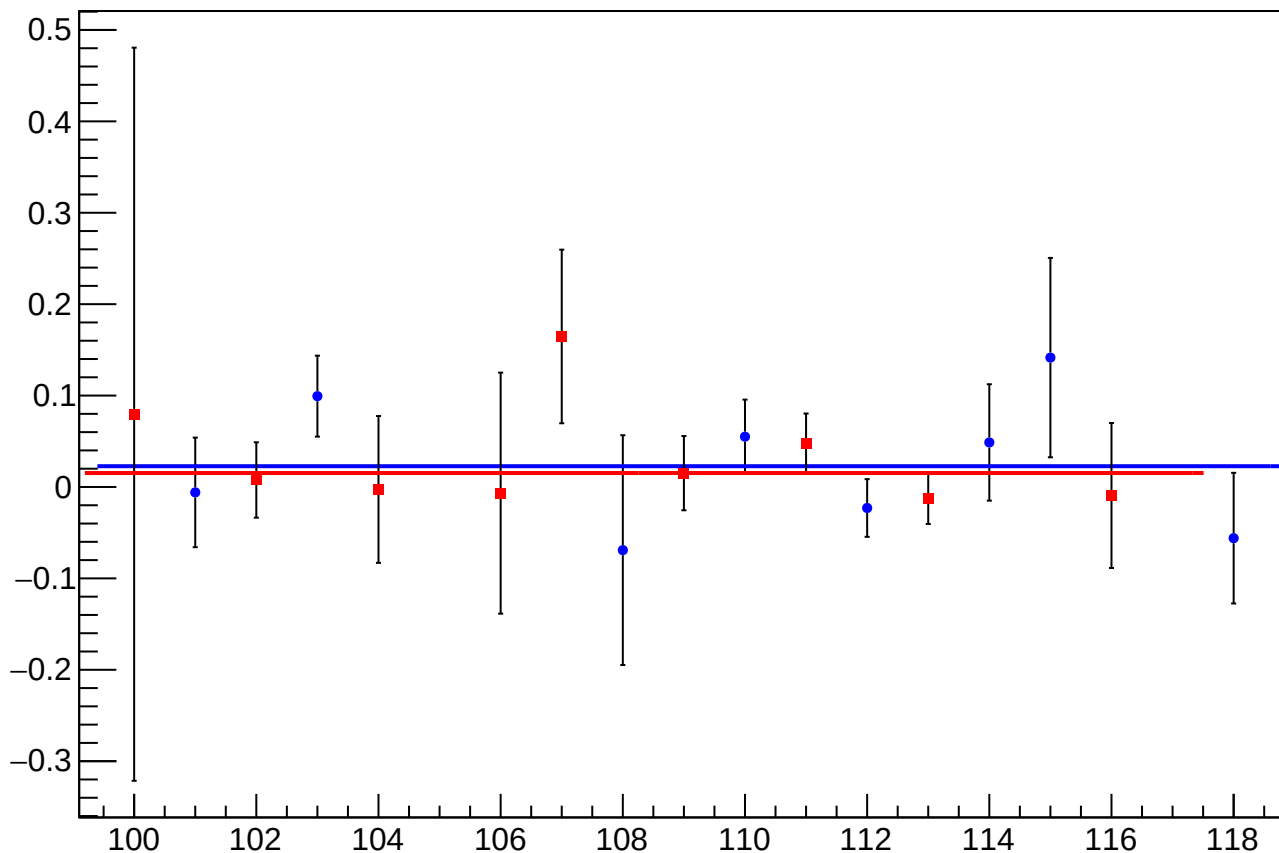
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 814579.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



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: 0.015+/-0.016 χ^2/NDF : 4.6/8

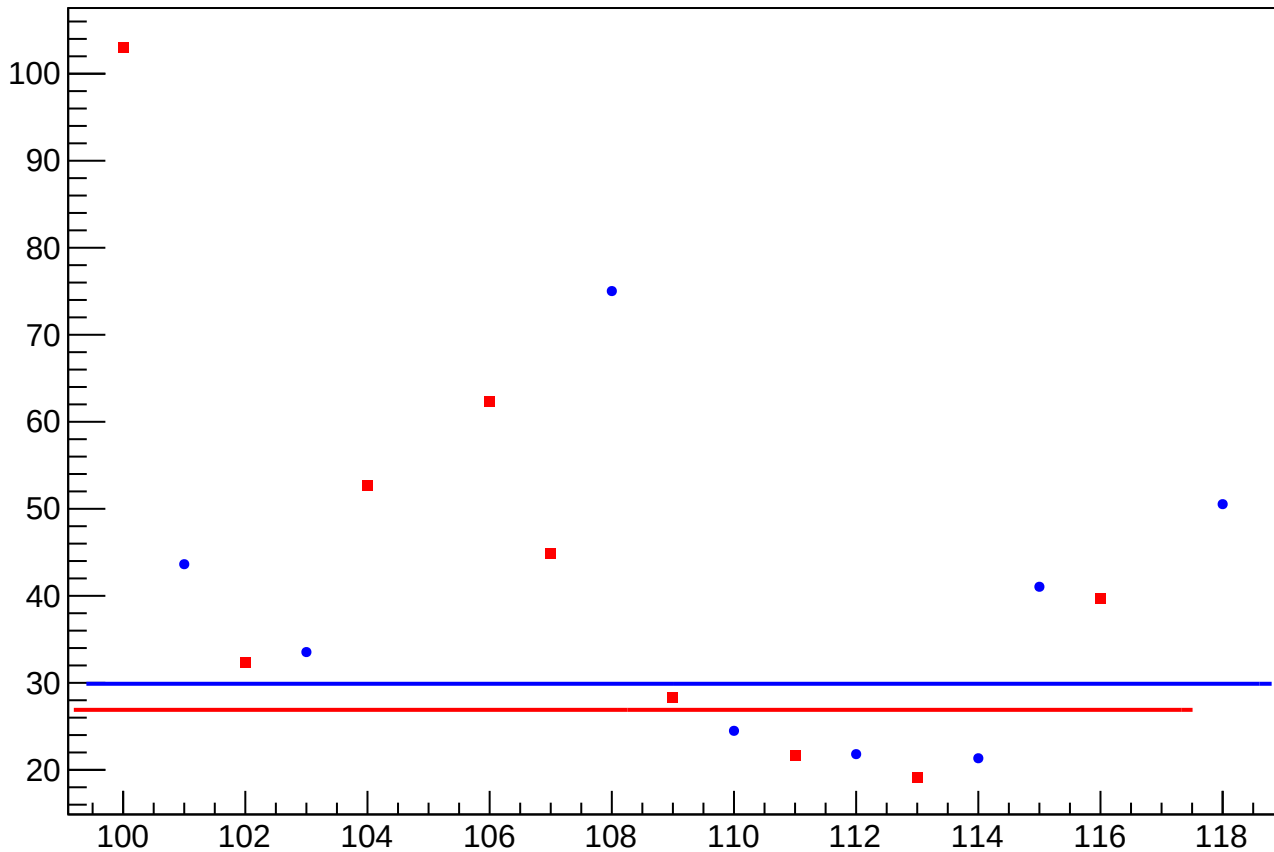
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.012 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



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: 26.898+/-0.011 χ^2/NDF : 785961.1/8

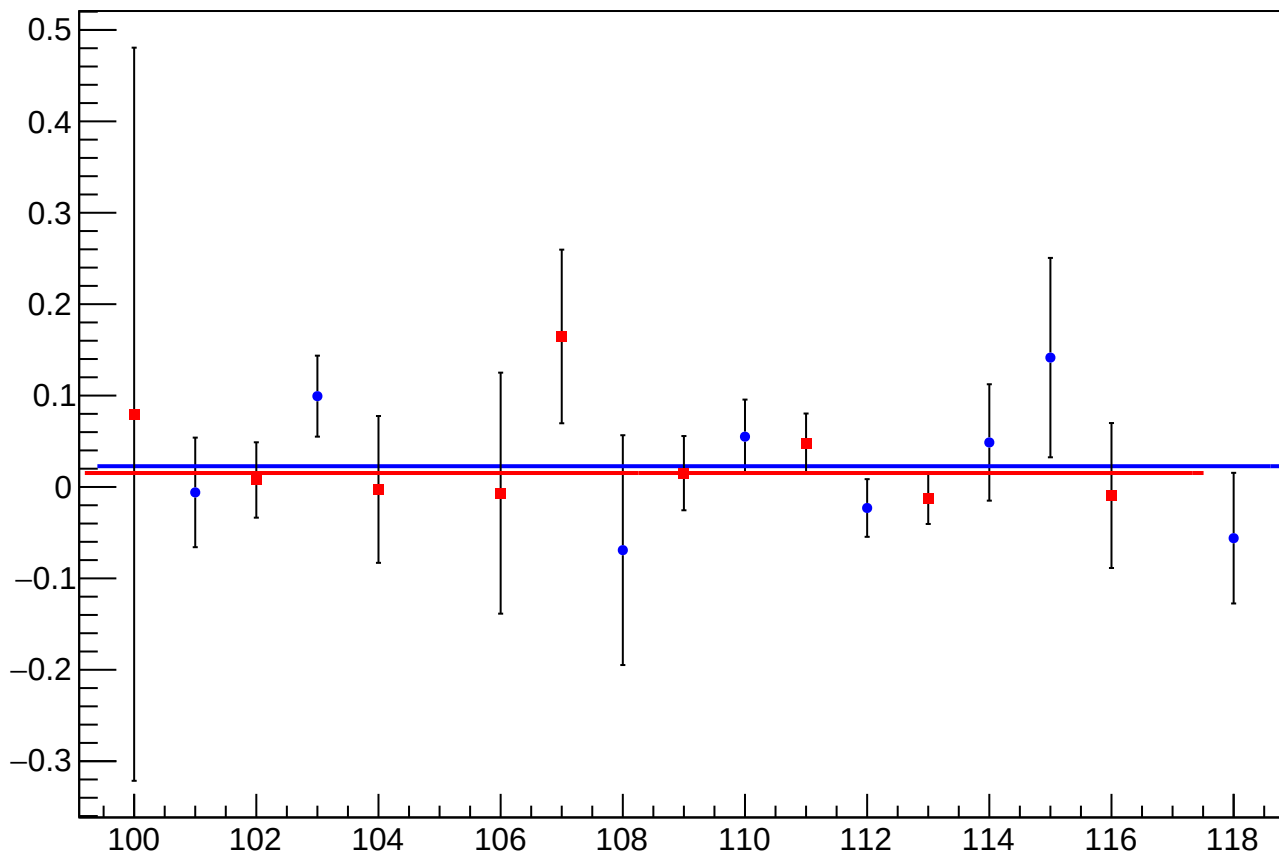
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.206+/-0.009 χ^2/NDF : 1583296.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.015+/-0.016 χ^2/NDF : 4.6/8

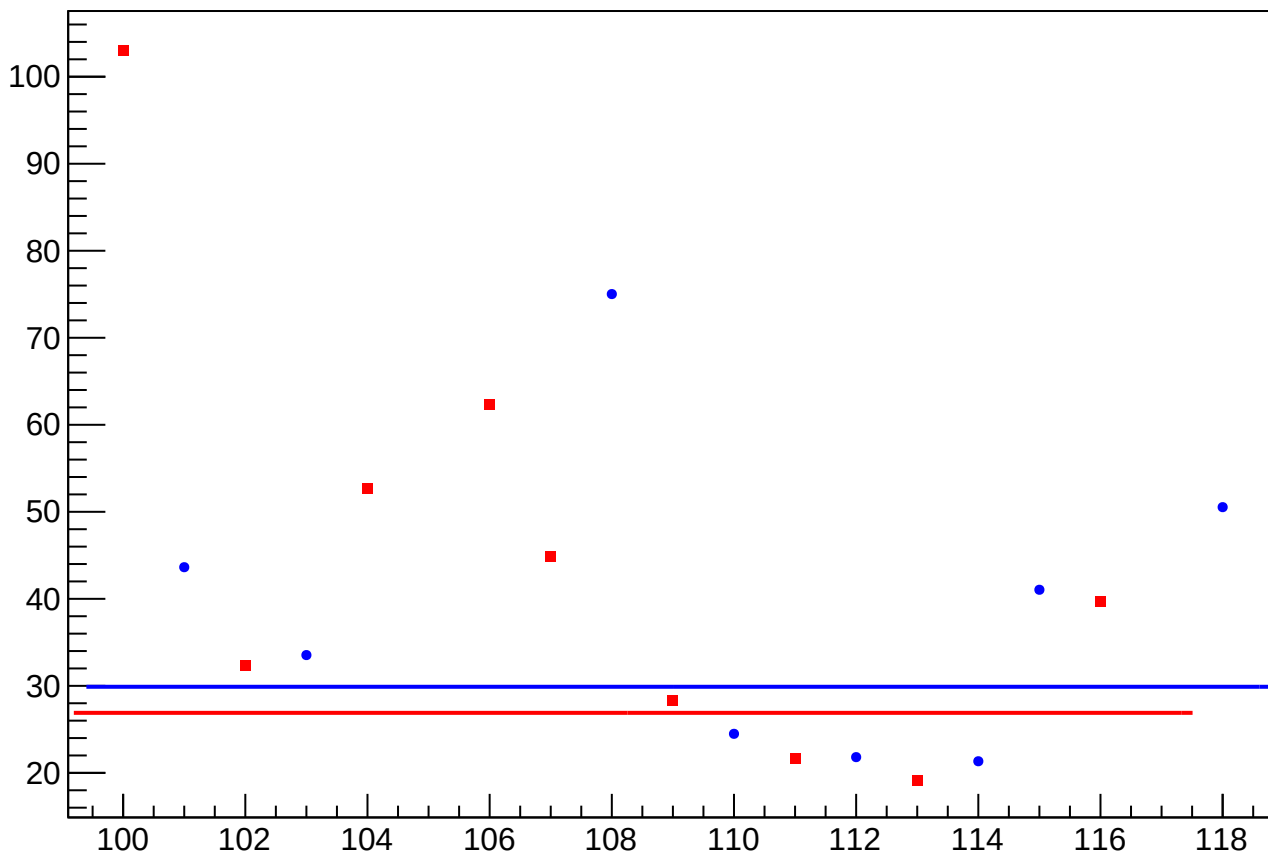
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.012 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 26.898+/-0.011 χ^2/NDF : 785961.1/8

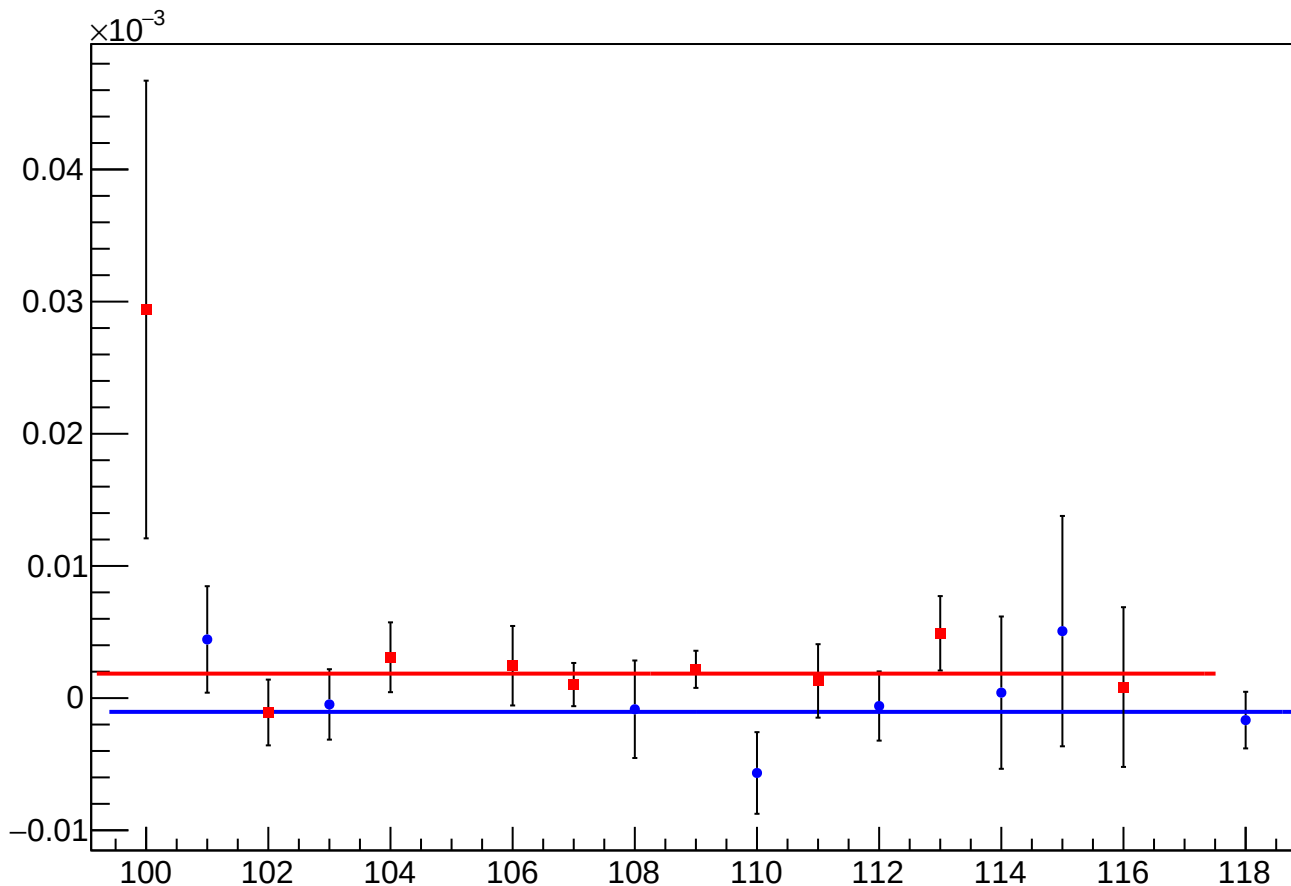
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.206+/-0.009 χ^2/NDF : 1583296.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 5.7/8

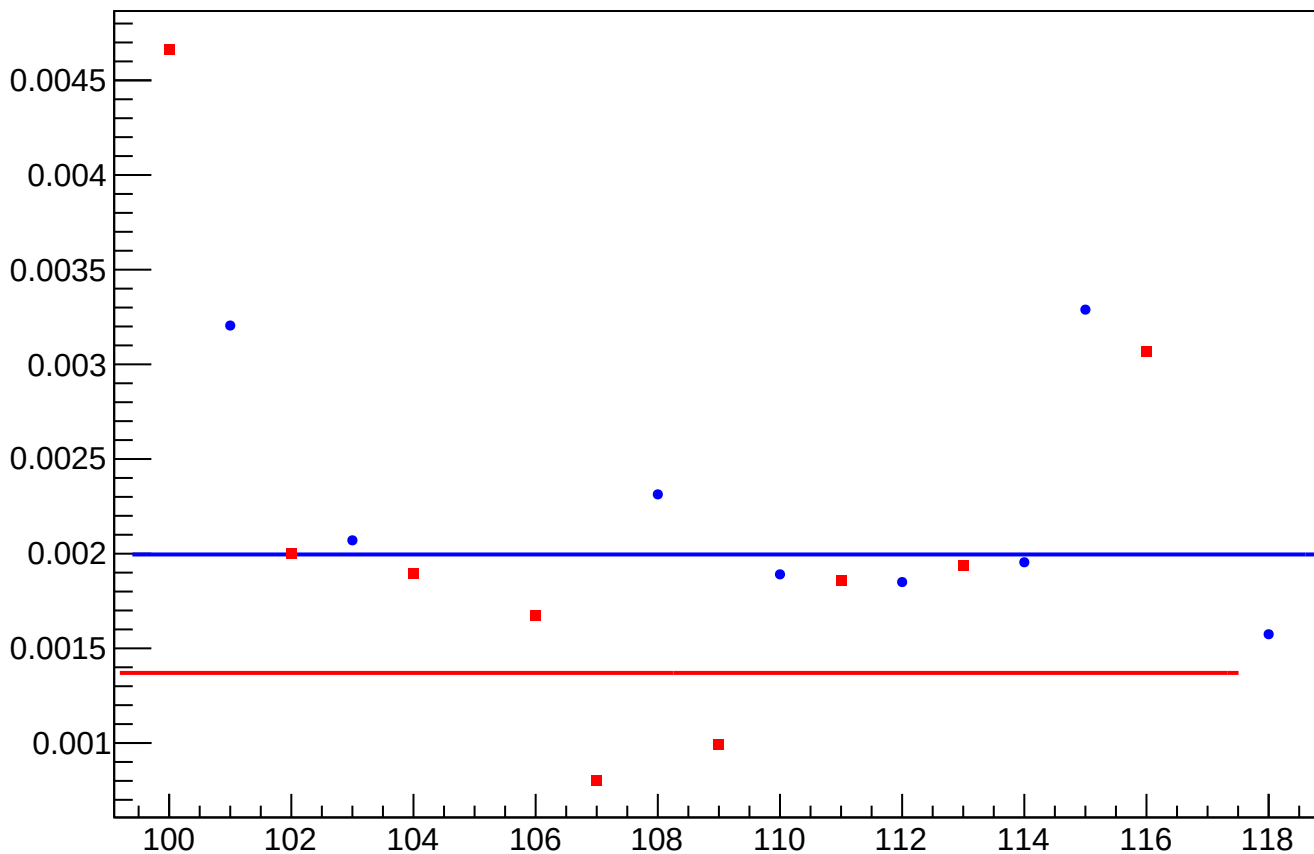
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



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: 987876.1/8

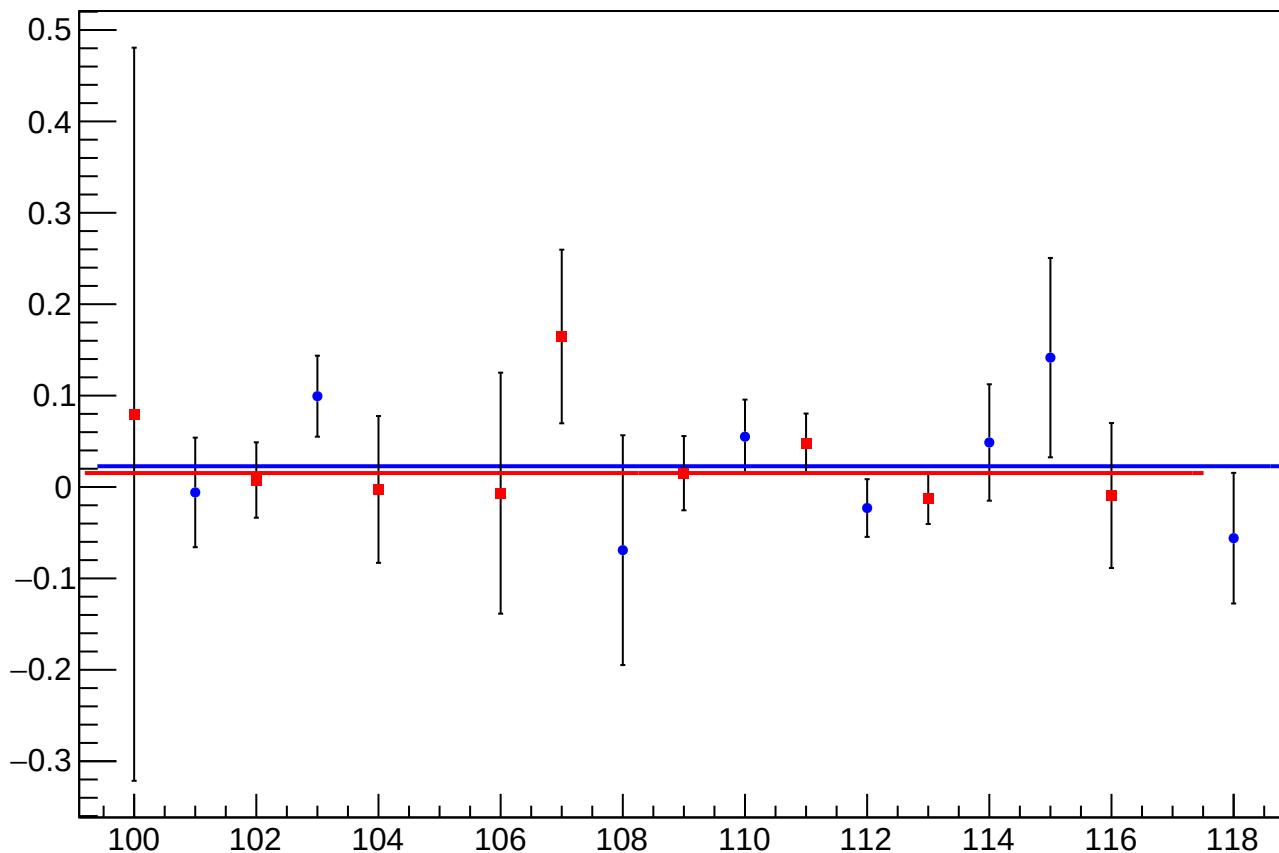
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1726235.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.015+/-0.016 χ^2/NDF : 4.6/8

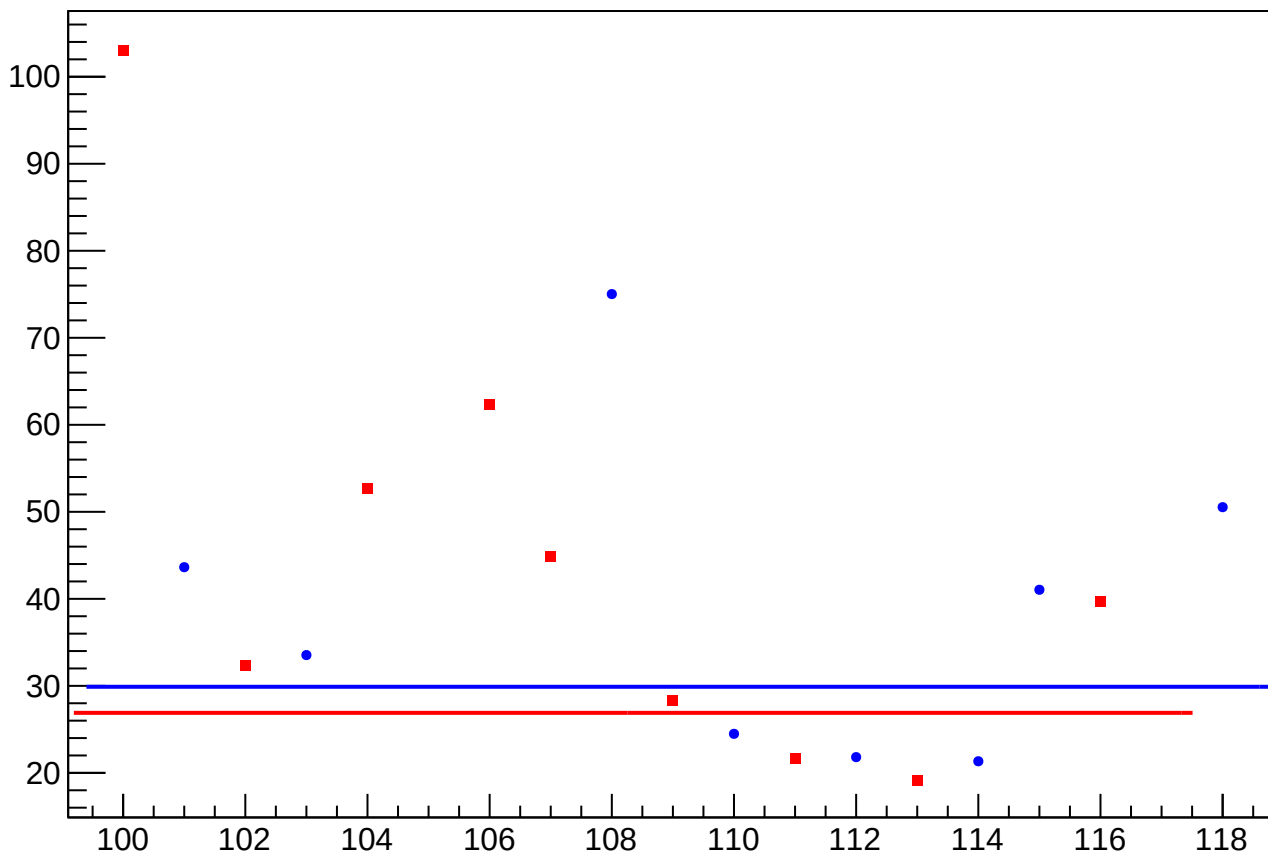
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.012 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 26.899+/-0.011 χ^2/NDF : 785965.8/8

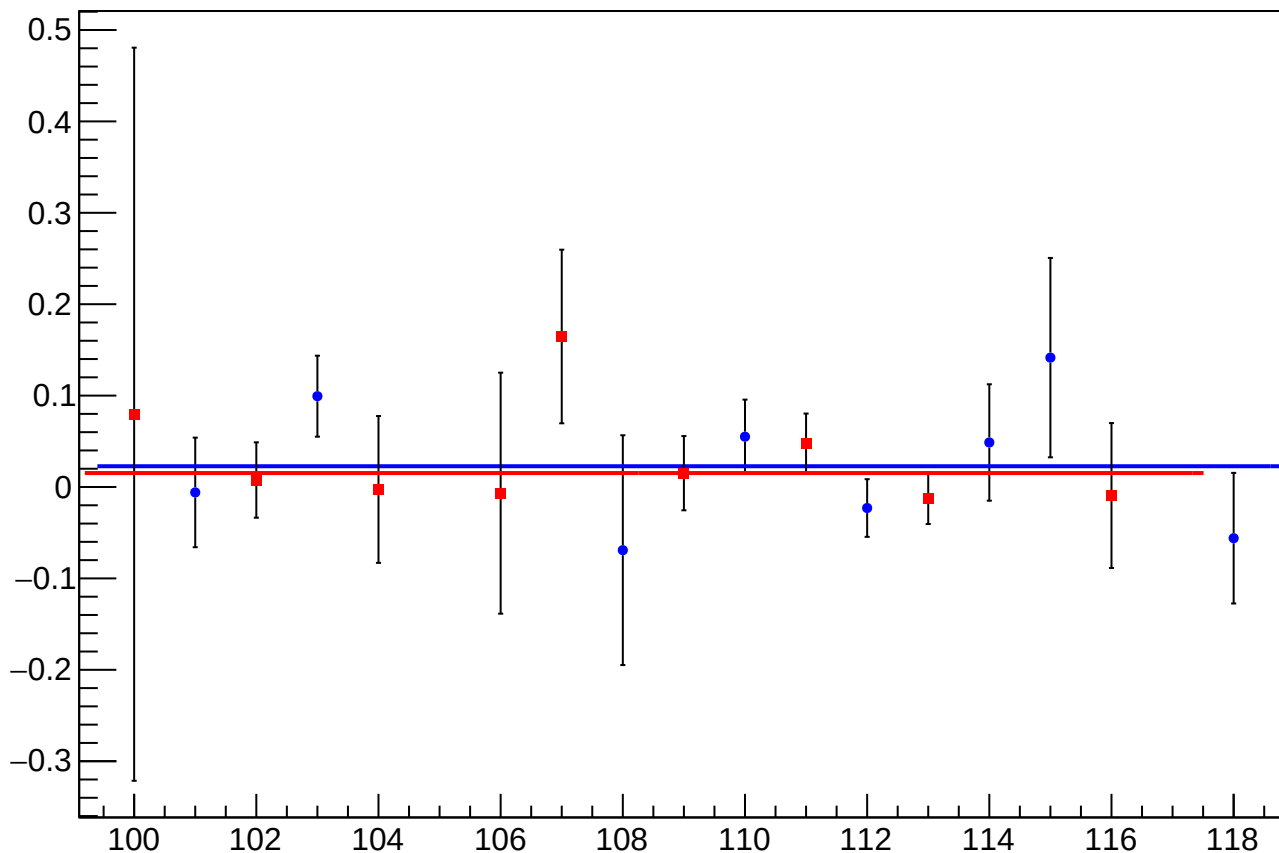
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.206+/-0.009 χ^2/NDF : 1583304.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.015+/-0.016 χ^2/NDF : 4.6/8

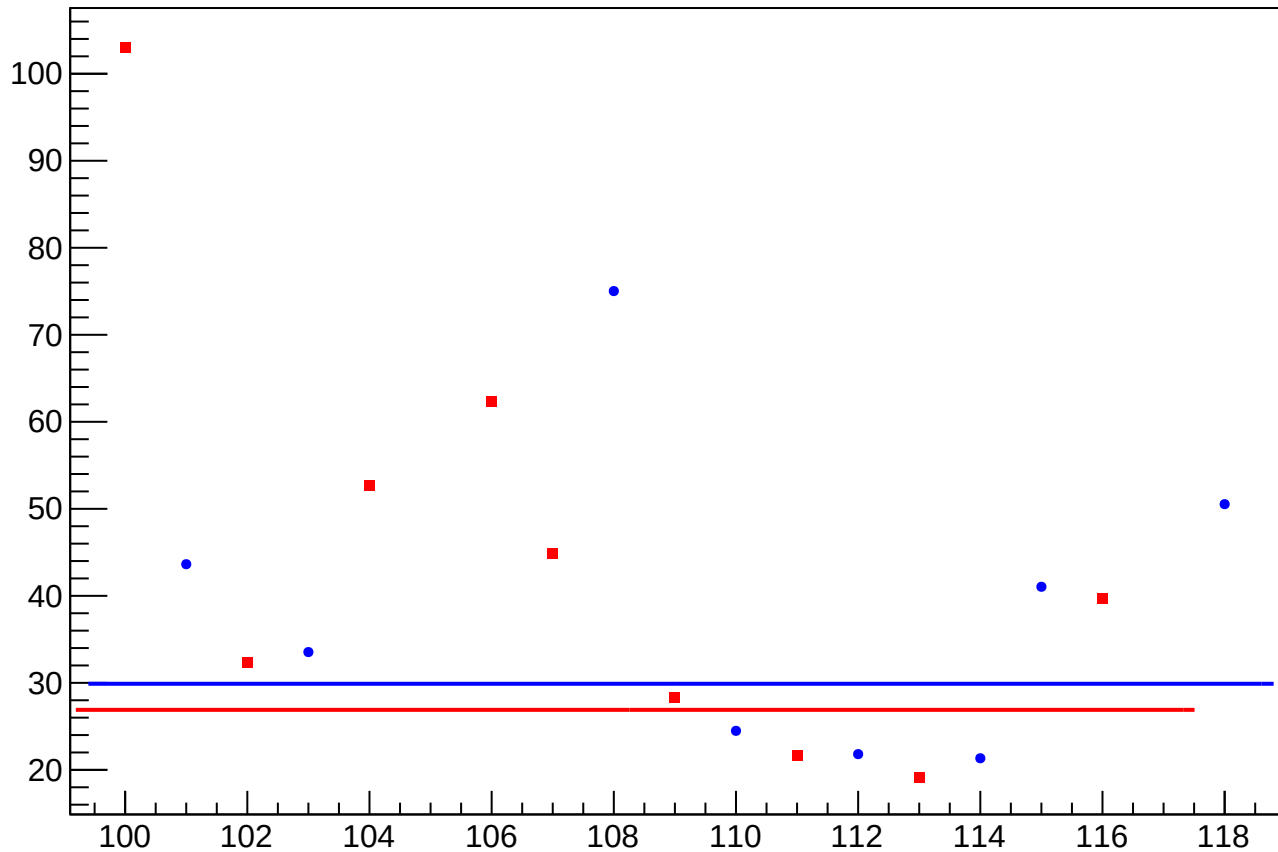
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.012 χ^2/NDF : 13.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 26.899+/-0.011 χ^2/NDF : 785965.8/8

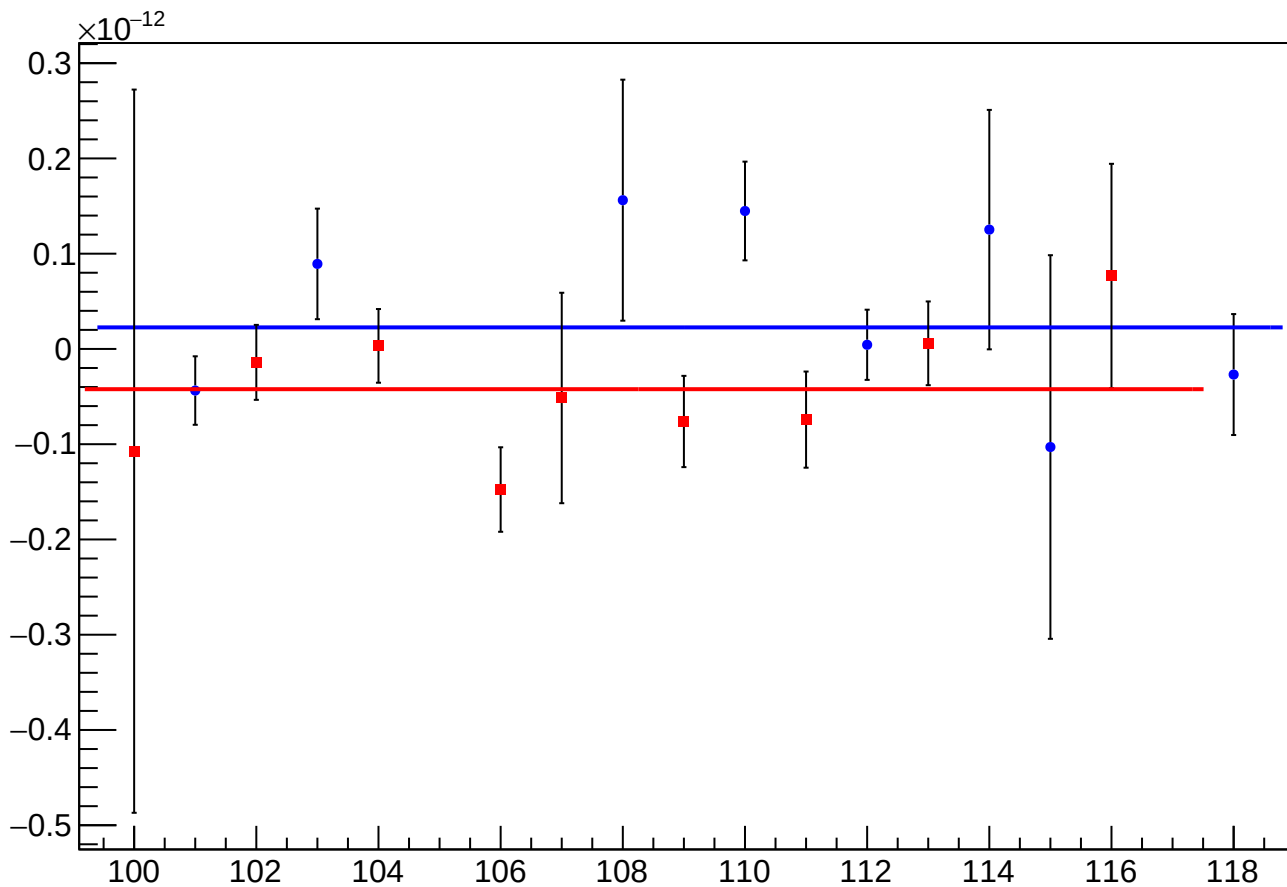
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.206+/-0.009 χ^2/NDF : 1583304.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 10.7/8

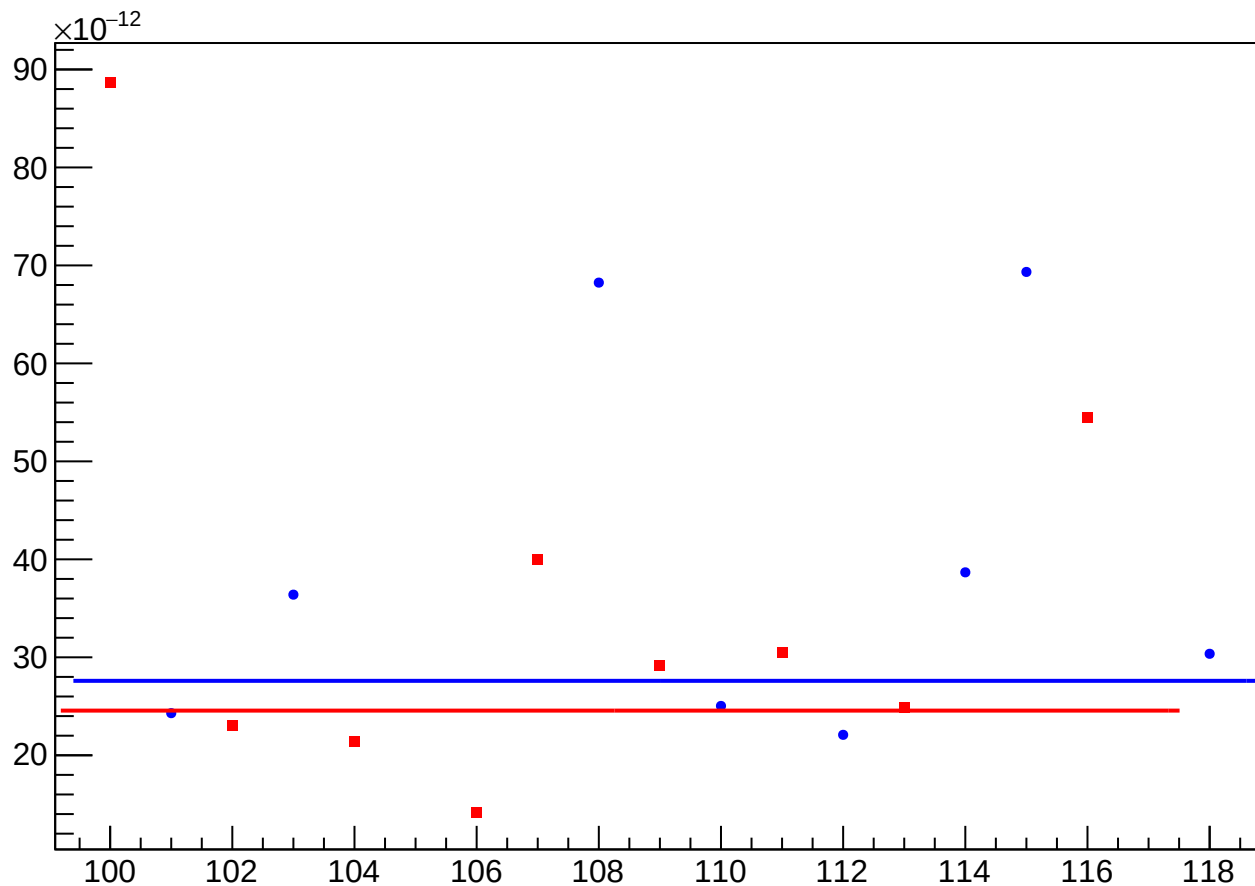
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 398481.1/8

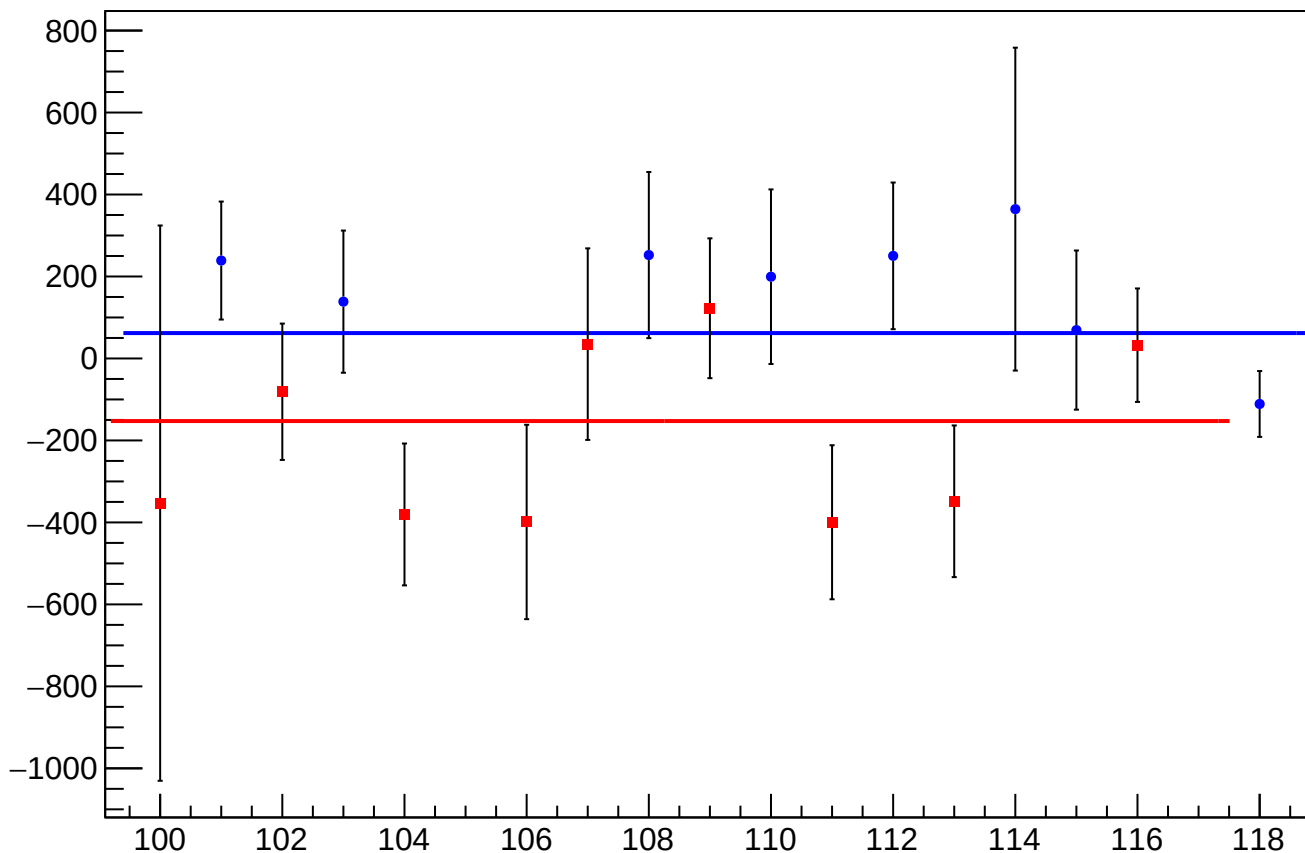
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 849439.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



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: -152.686+/-63.005 χ^2/NDF : 11.0/8

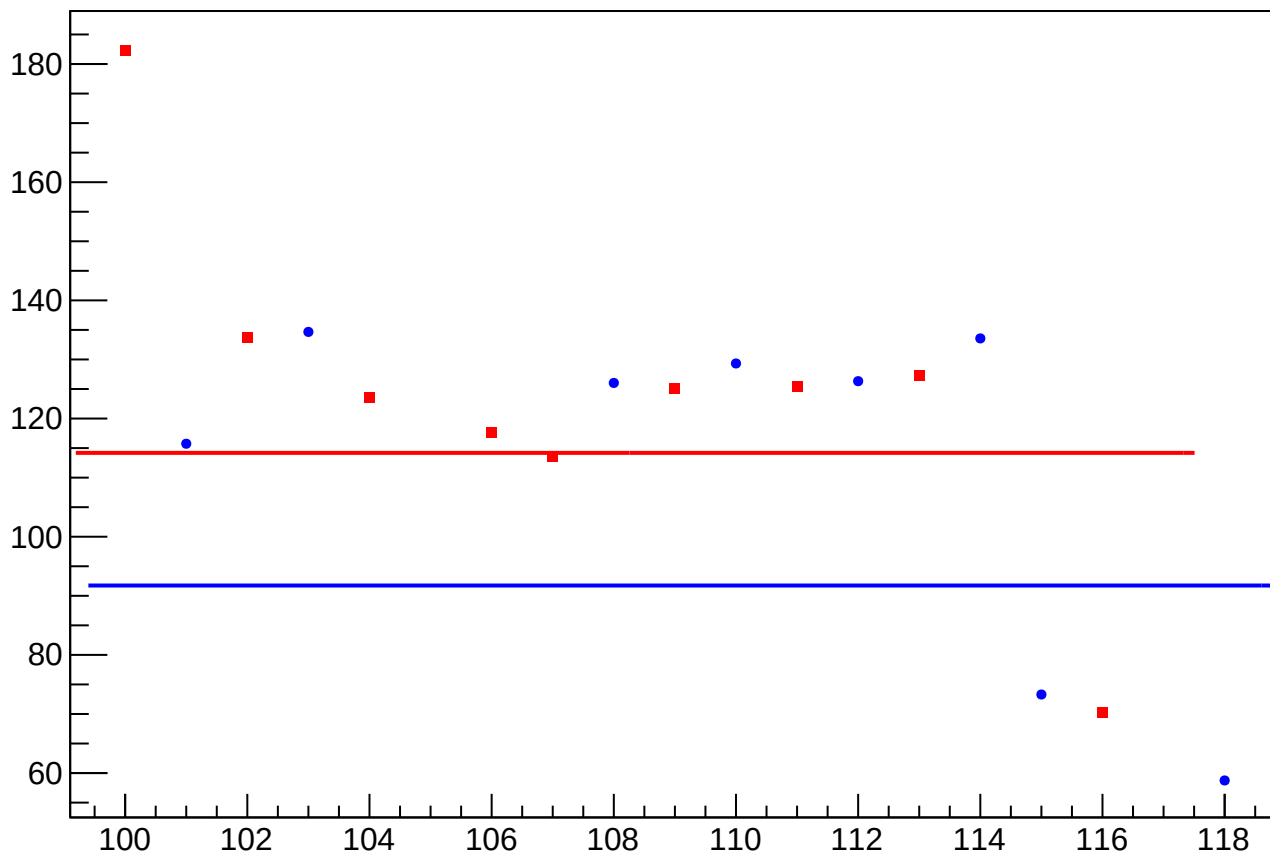
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.343+/-40.863 χ^2/NDF : 27.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 91.742+/-0.038 χ^2/NDF : 750009.4/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.191+/-0.045 χ^2/NDF : 280724.9/8

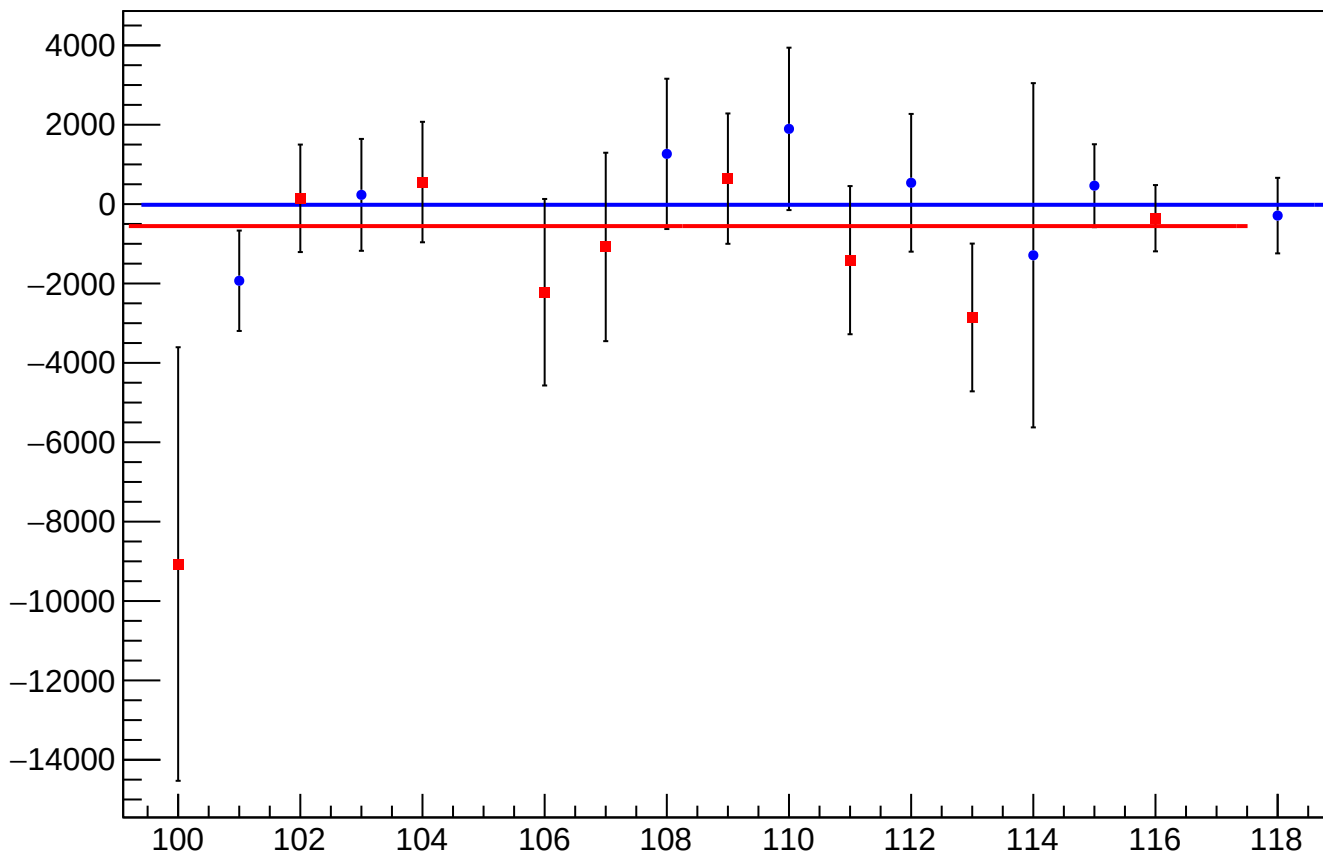
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.185+/-0.029 χ^2/NDF : 1177835.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -17.232 ± 496.762 χ^2/NDF : 4.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -553.717 ± 516.234 χ^2/NDF : 6.1/8

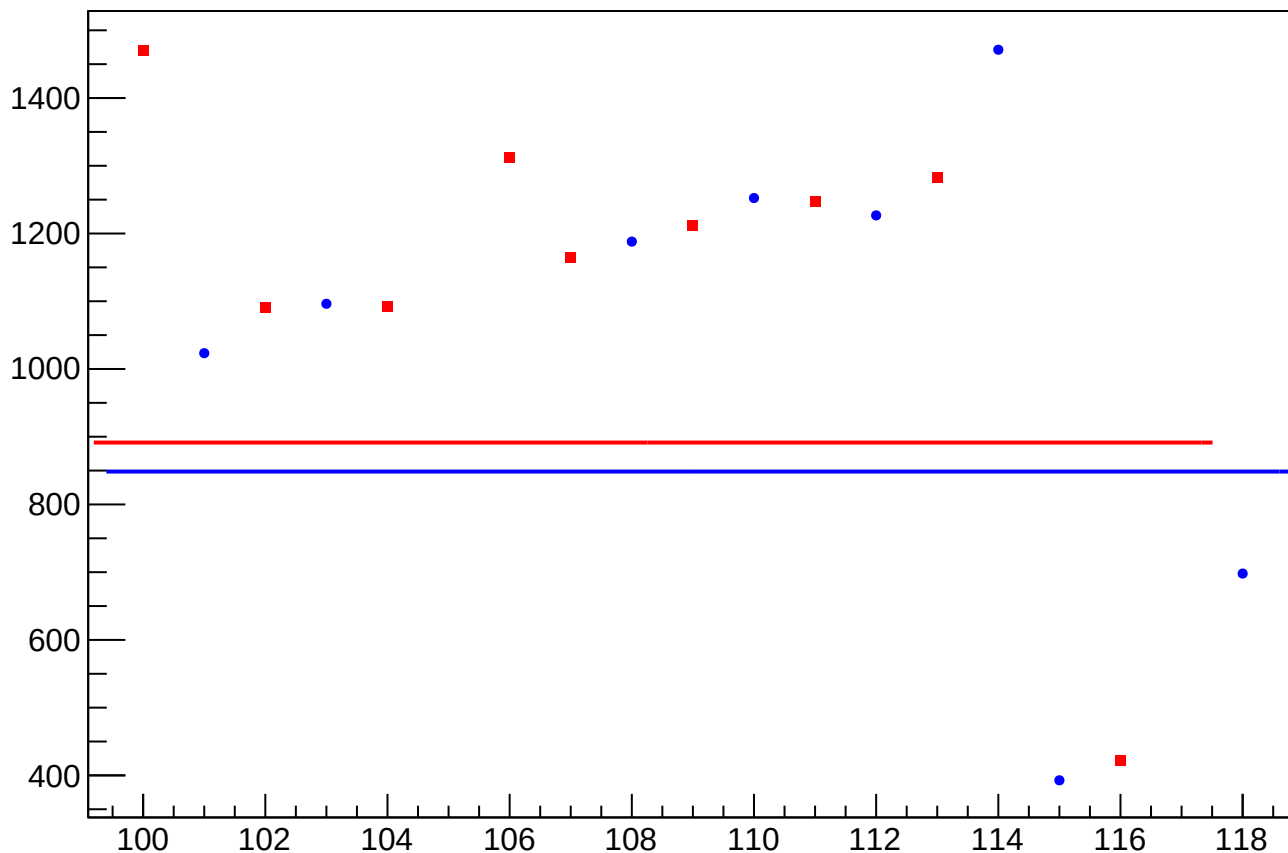
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -275.166 ± 357.950 χ^2/NDF : 10.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 848.561 $\pm$ 0.351 χ^2 /NDF: 809319.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 891.384 $\pm$ 0.365 χ^2 /NDF: 1061969.4/8

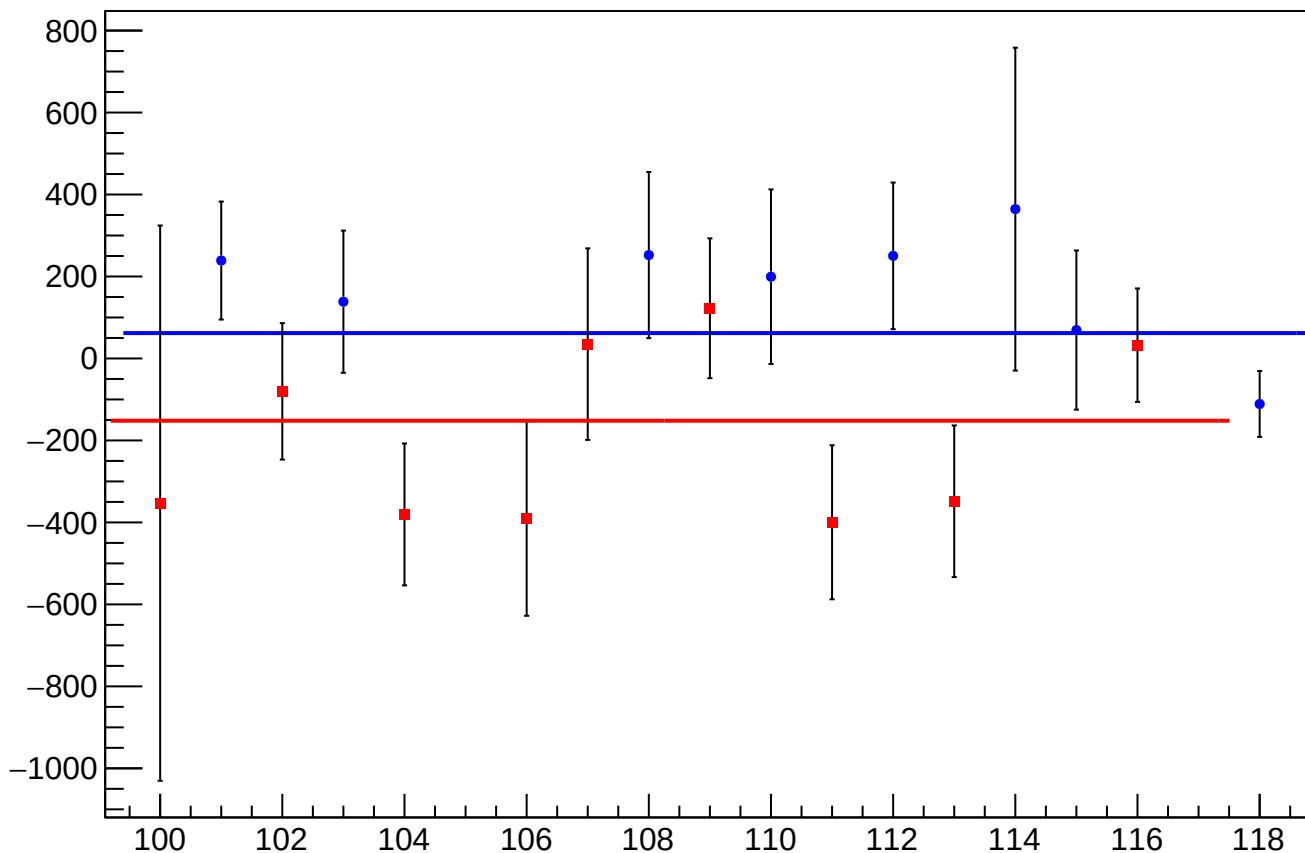
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 869.149 $\pm$ 0.253 χ^2 /NDF: 1878434.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



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: -151.895+/-63.016 χ^2/NDF : 10.9/8

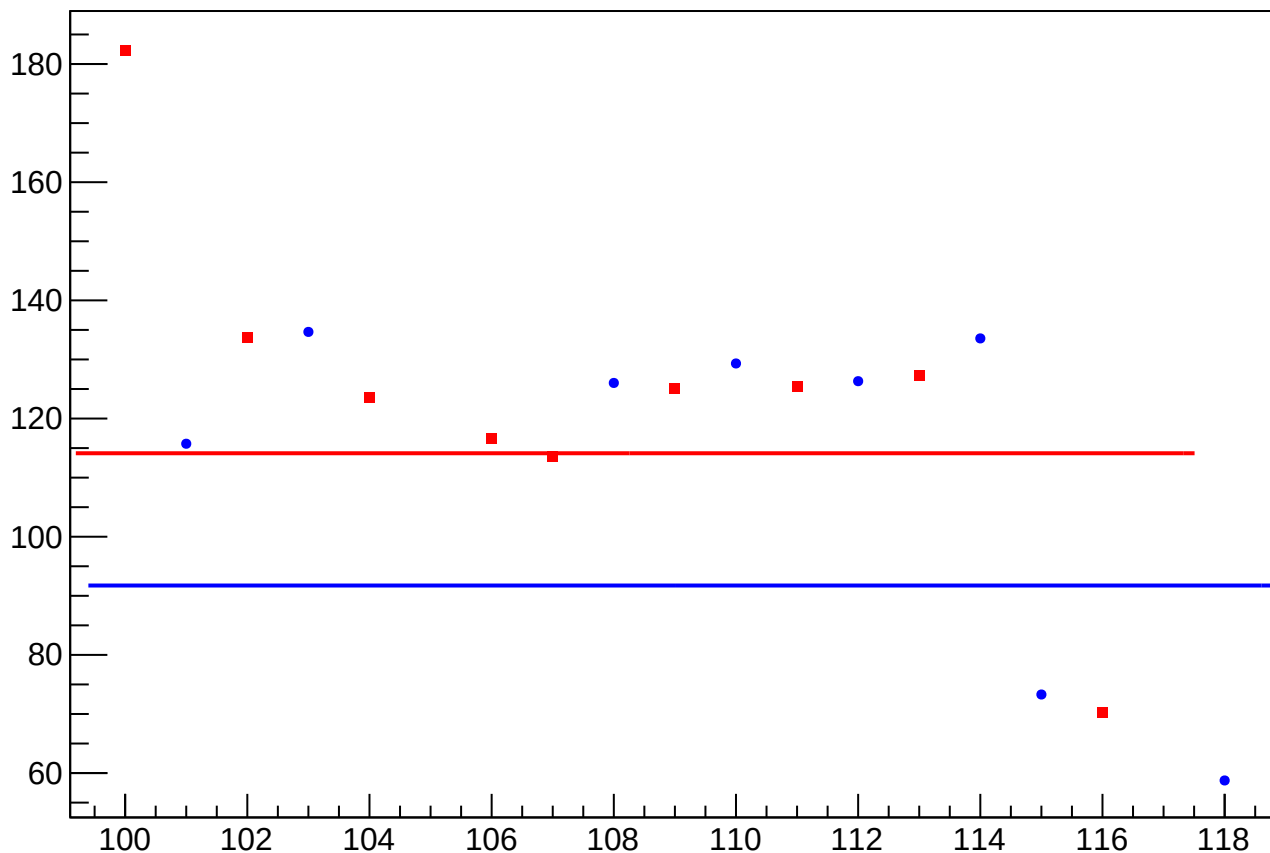
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.996+/-40.866 χ^2/NDF : 26.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



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: 114.127 $\pm$ 0.045 χ^2 /NDF: 280678.7/8

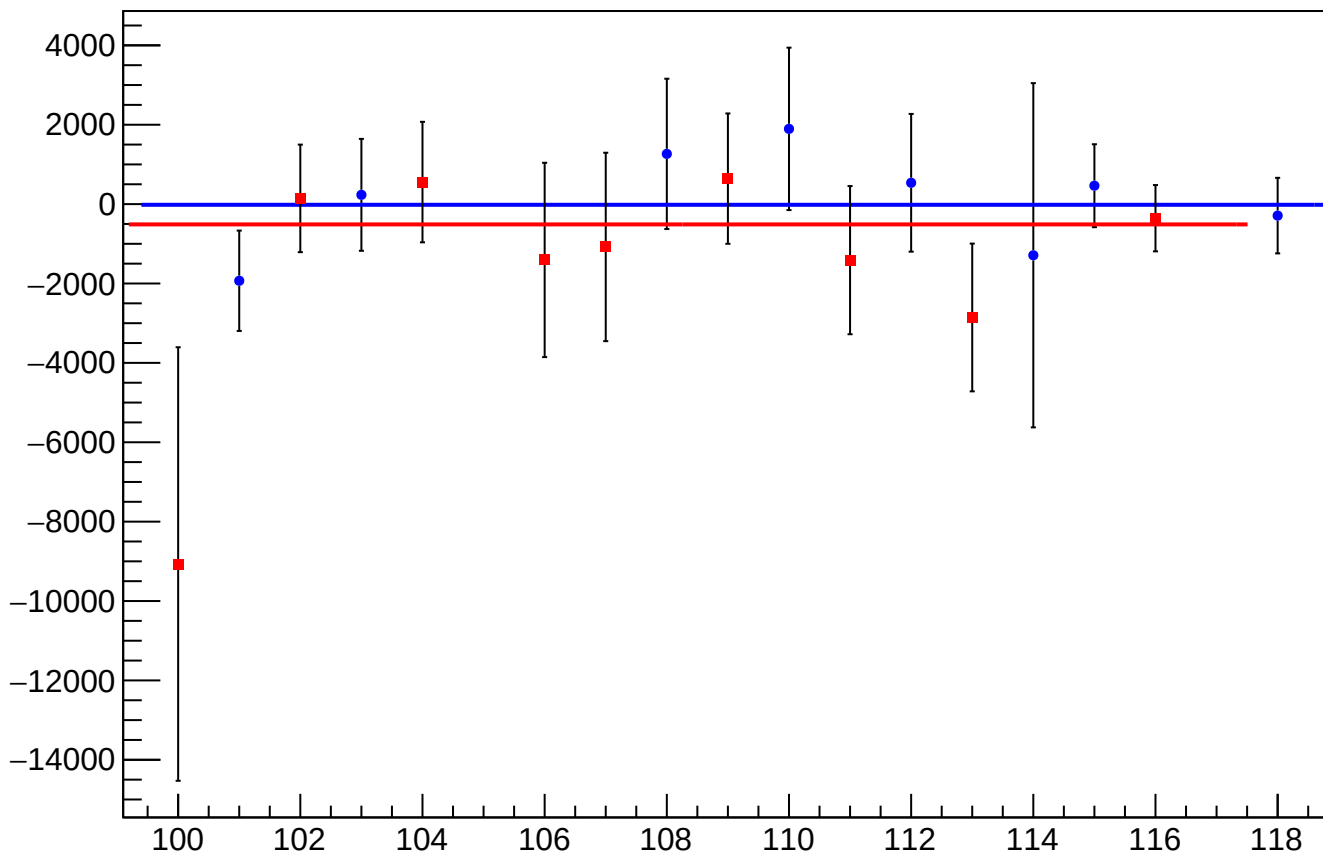
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.156 $\pm$ 0.029 χ^2 /NDF: 1176918.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



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: -511.526+/-517.270 χ^2/NDF : 5.7/8

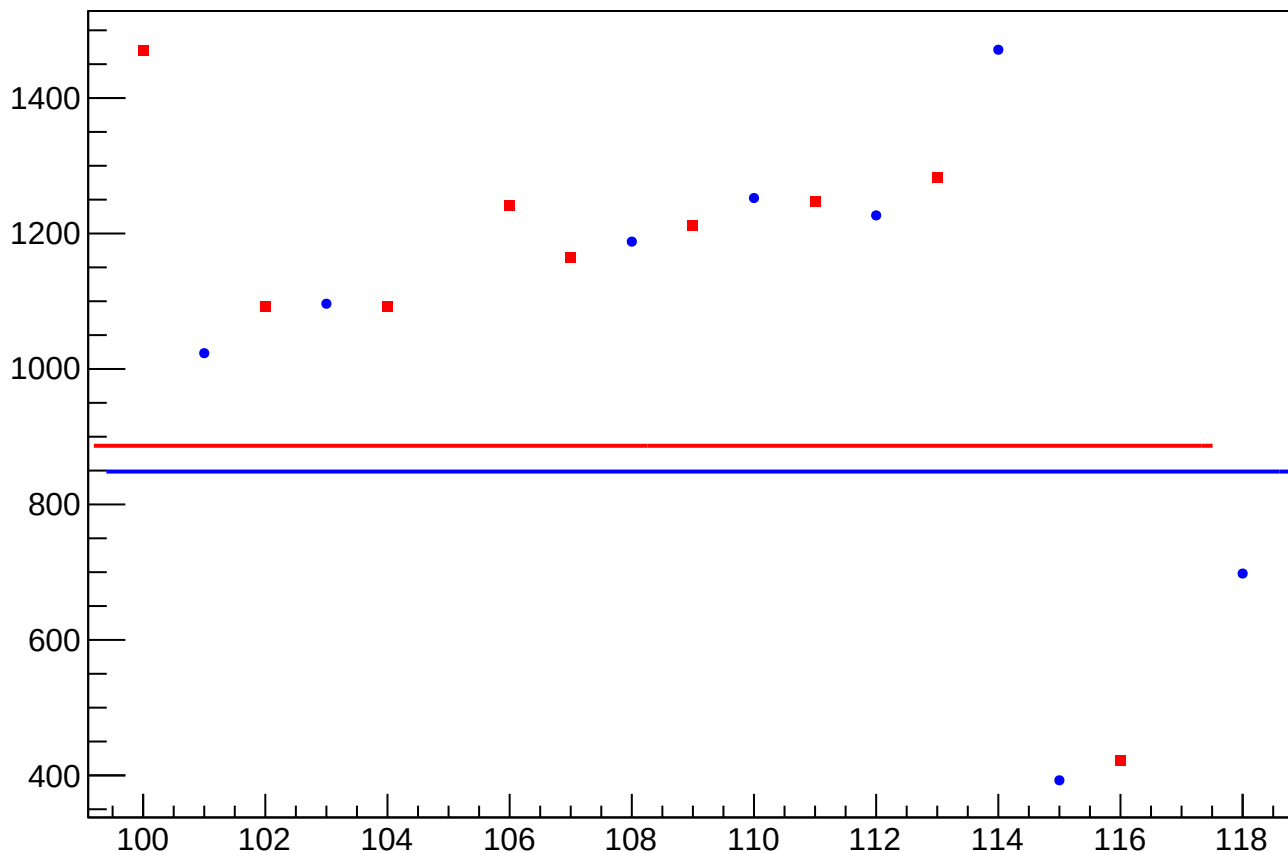
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.342+/-358.295 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



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: 886.635+/-0.366 χ^2/NDF : 1038491.9/8

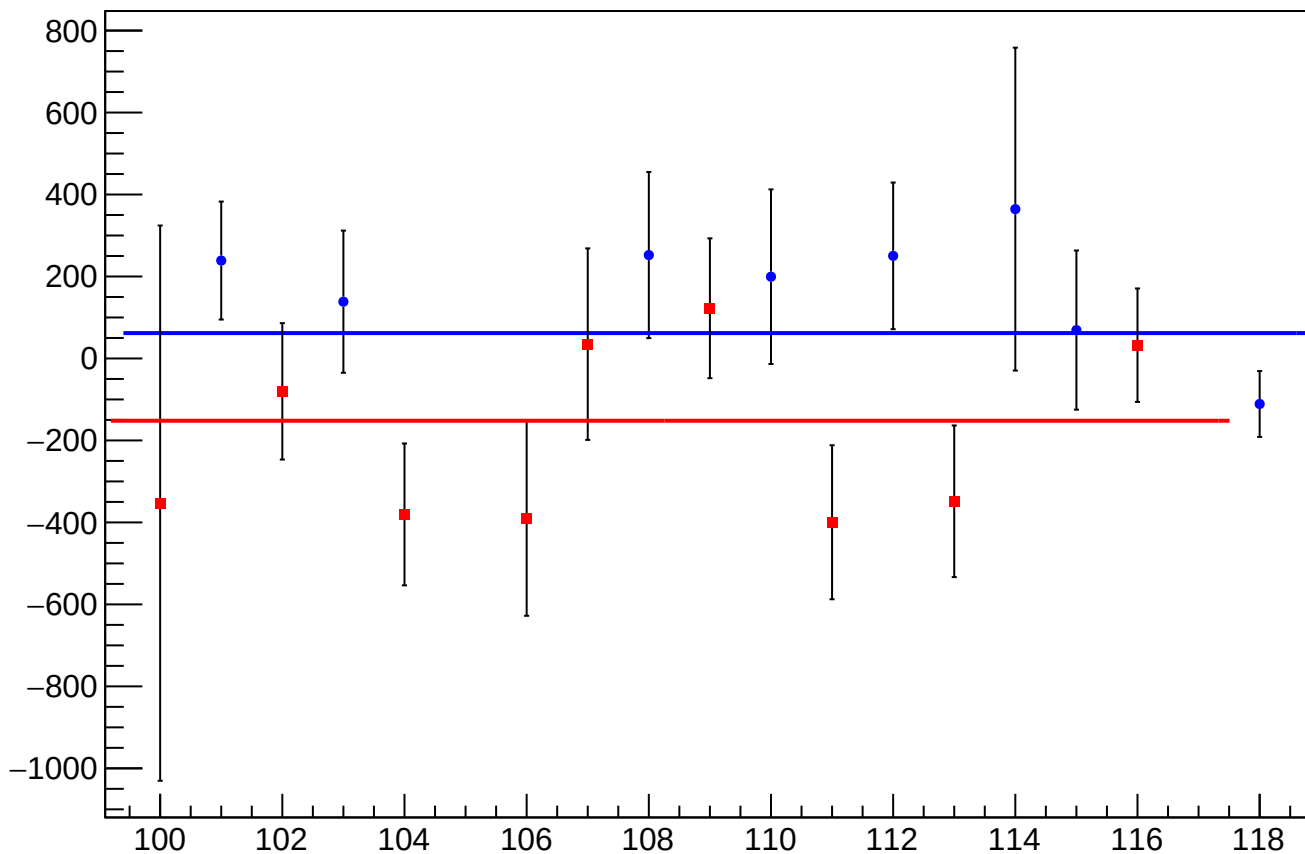
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.829+/-0.253 χ^2/NDF : 1853480.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



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: -151.895+/-63.016 χ^2/NDF : 10.9/8

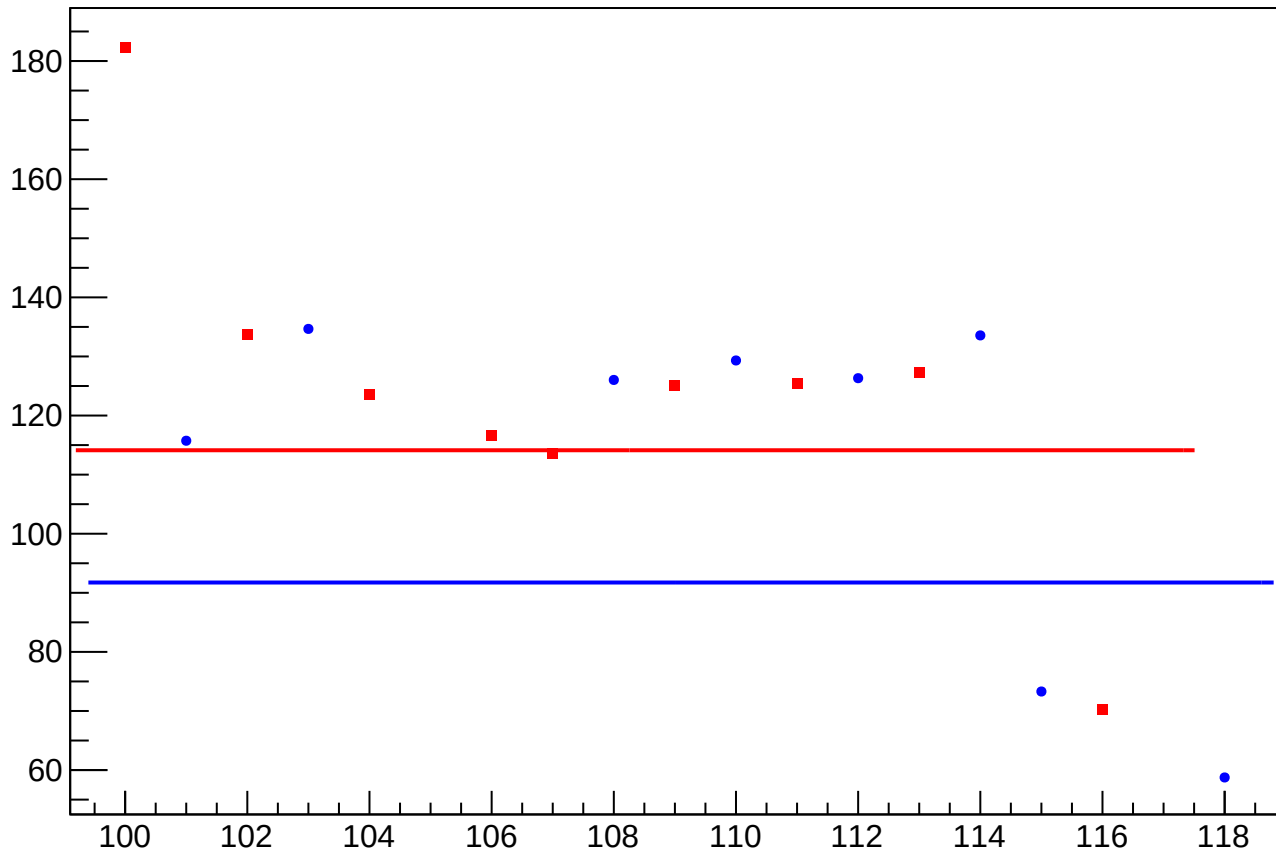
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.996+/-40.866 χ^2/NDF : 26.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



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: 114.127 $\pm$ 0.045 χ^2 /NDF: 280678.7/8

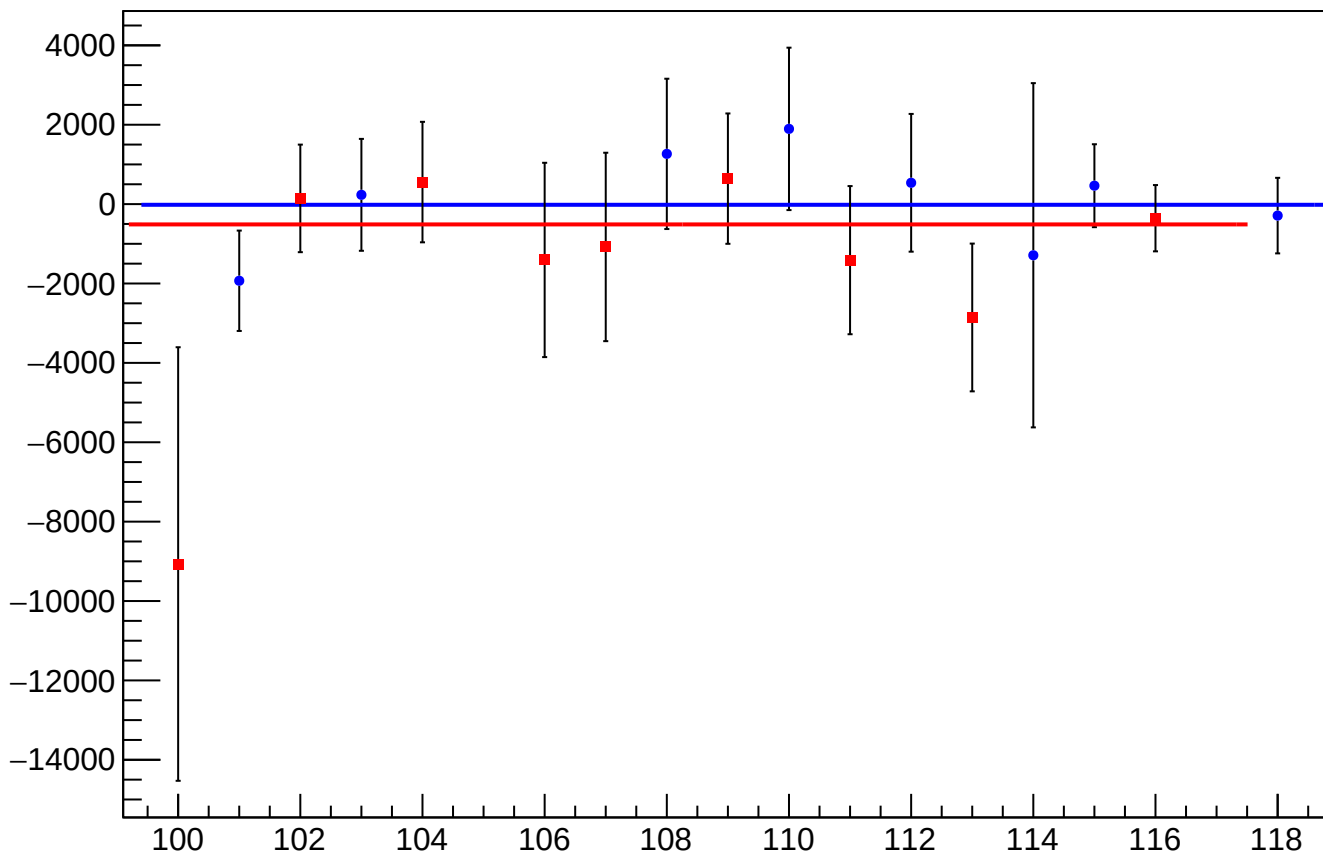
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.156 $\pm$ 0.029 χ^2 /NDF: 1176918.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



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: -511.526+/-517.270 χ^2/NDF : 5.7/8

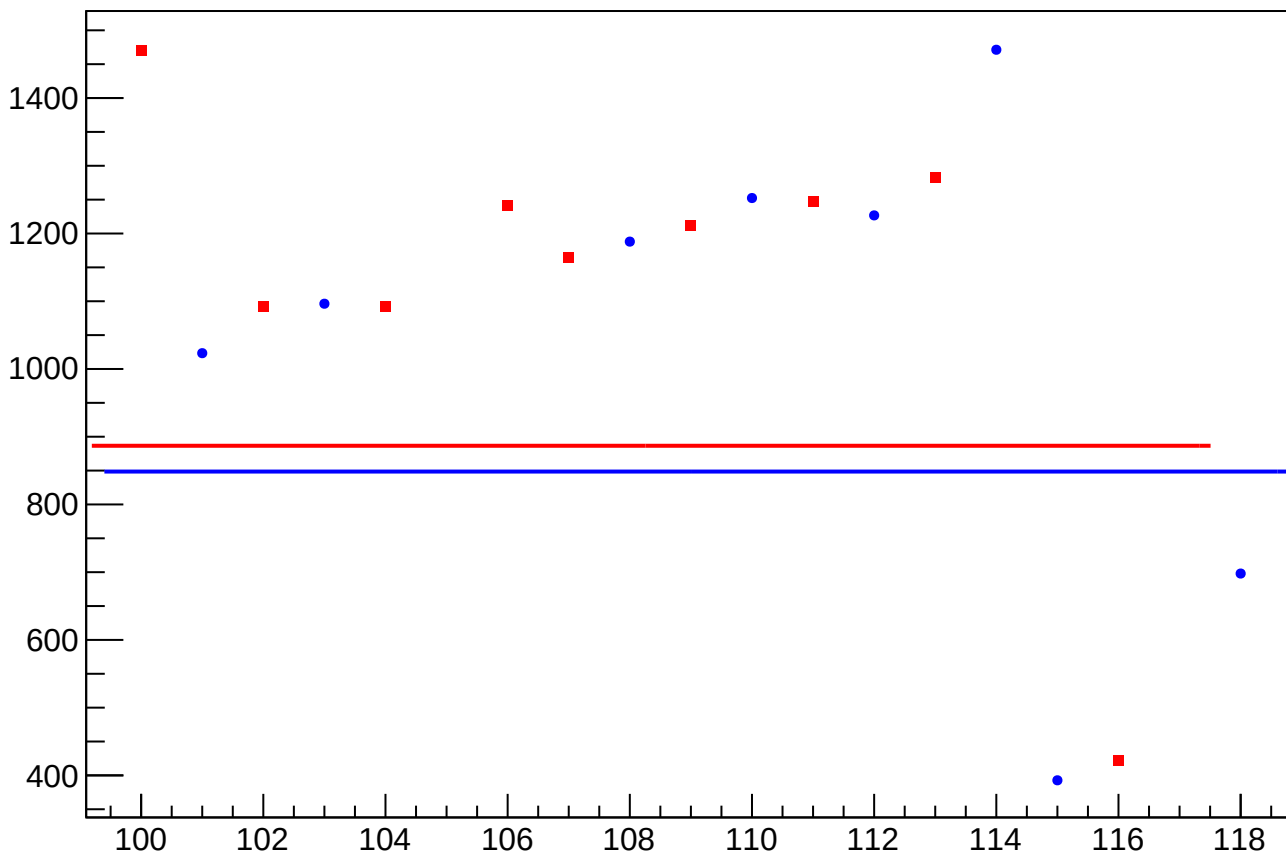
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -254.342+/-358.295 χ^2/NDF : 10.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



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: 886.635+/-0.366 χ^2/NDF : 1038491.9/8

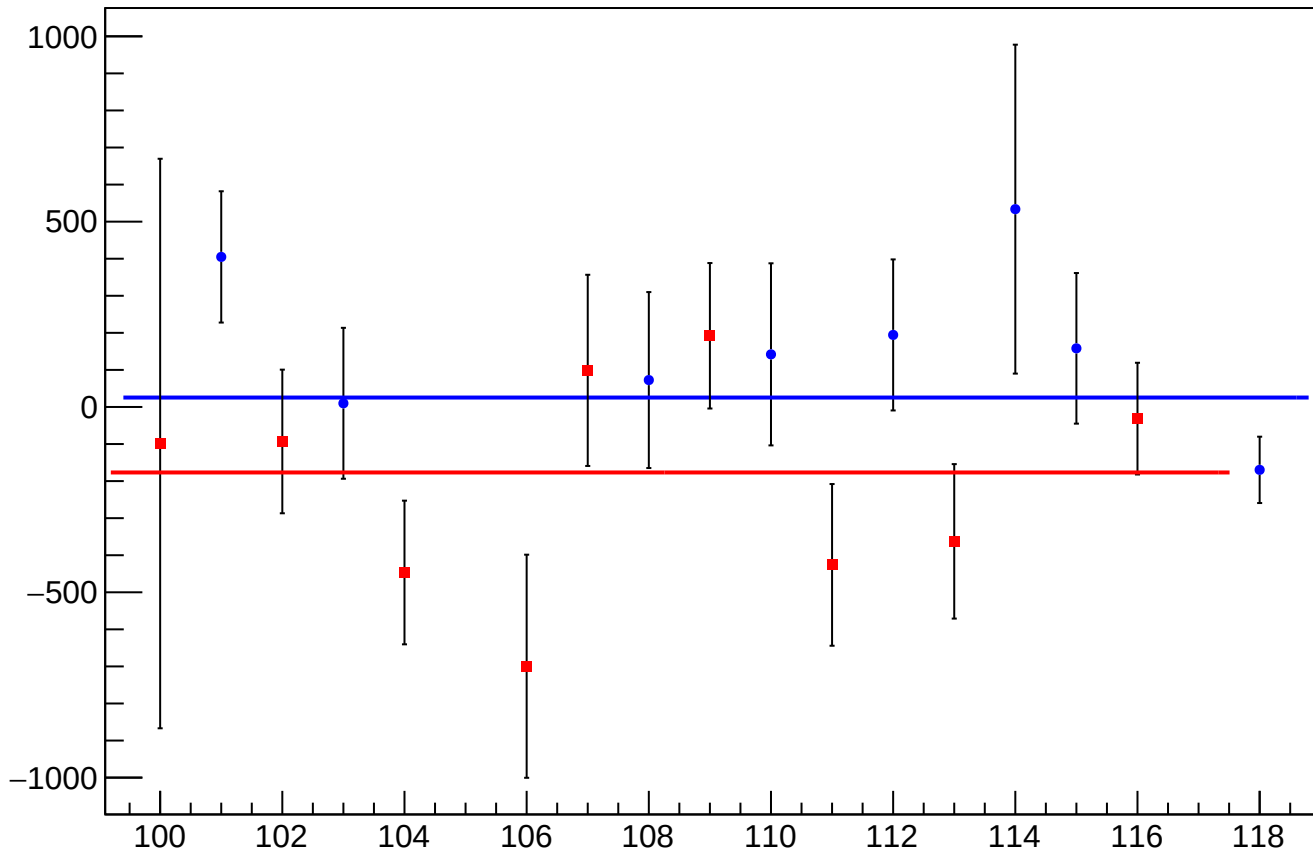
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 866.829+/-0.253 χ^2/NDF : 1853480.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



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: -176.707+/-71.600 χ^2/NDF : 12.9/8

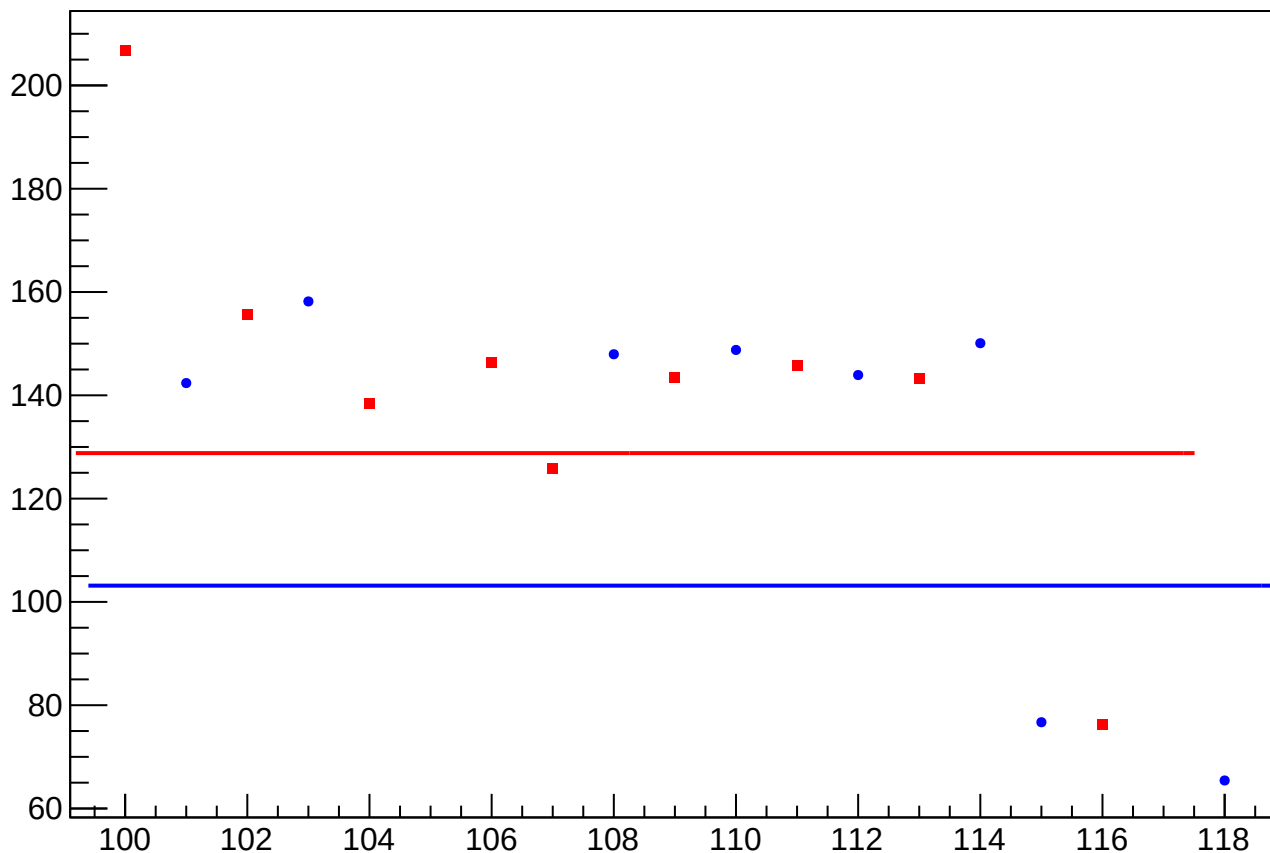
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.617+/-46.444 χ^2/NDF : 29.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



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: 128.809+/-0.051 χ^2/NDF : 347668.3/8

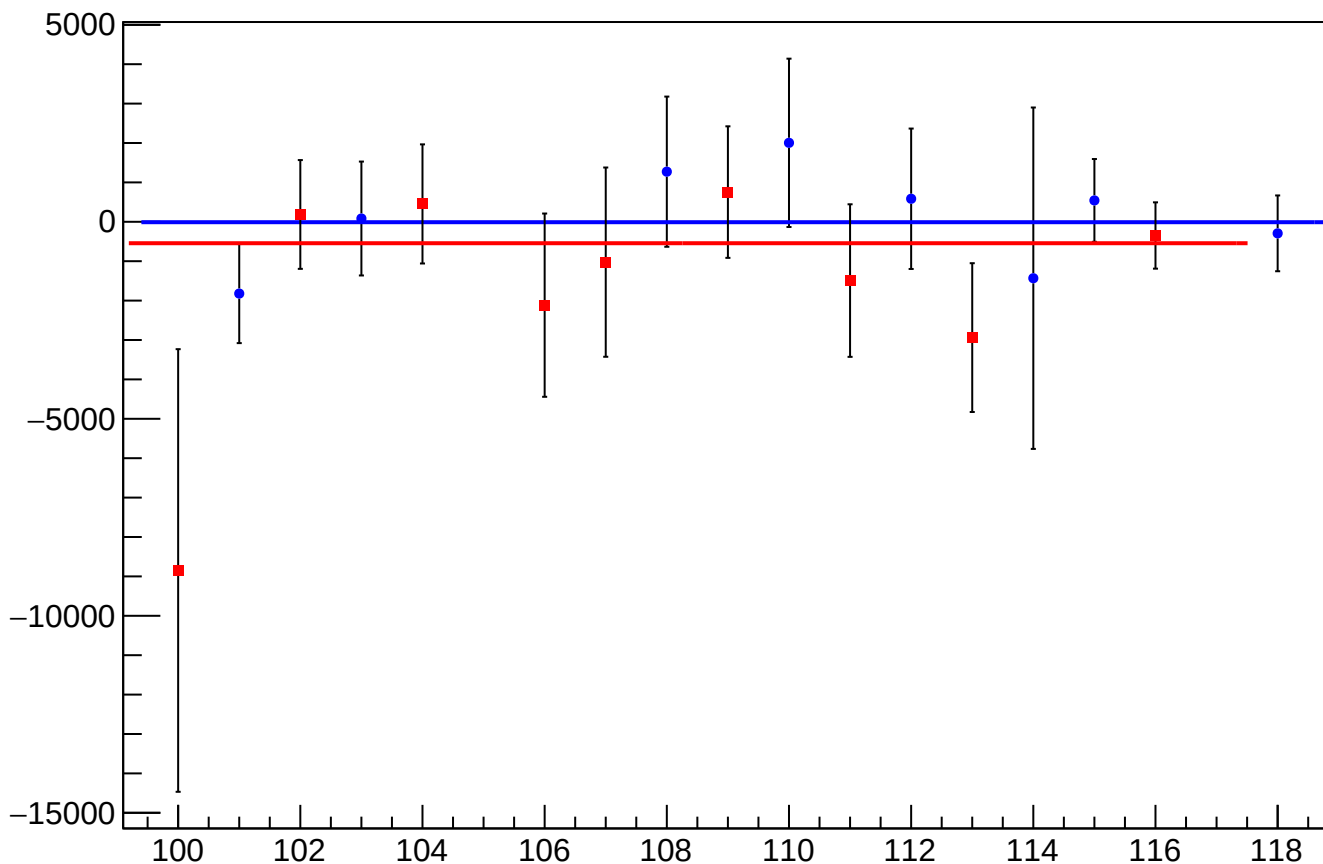
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.948+/-0.033 χ^2/NDF : 1372459.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -10.253 $\pm$ 502.487 χ^2 /NDF: 4.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -543.712 $\pm$ 521.986 χ^2 /NDF: 5.9/8

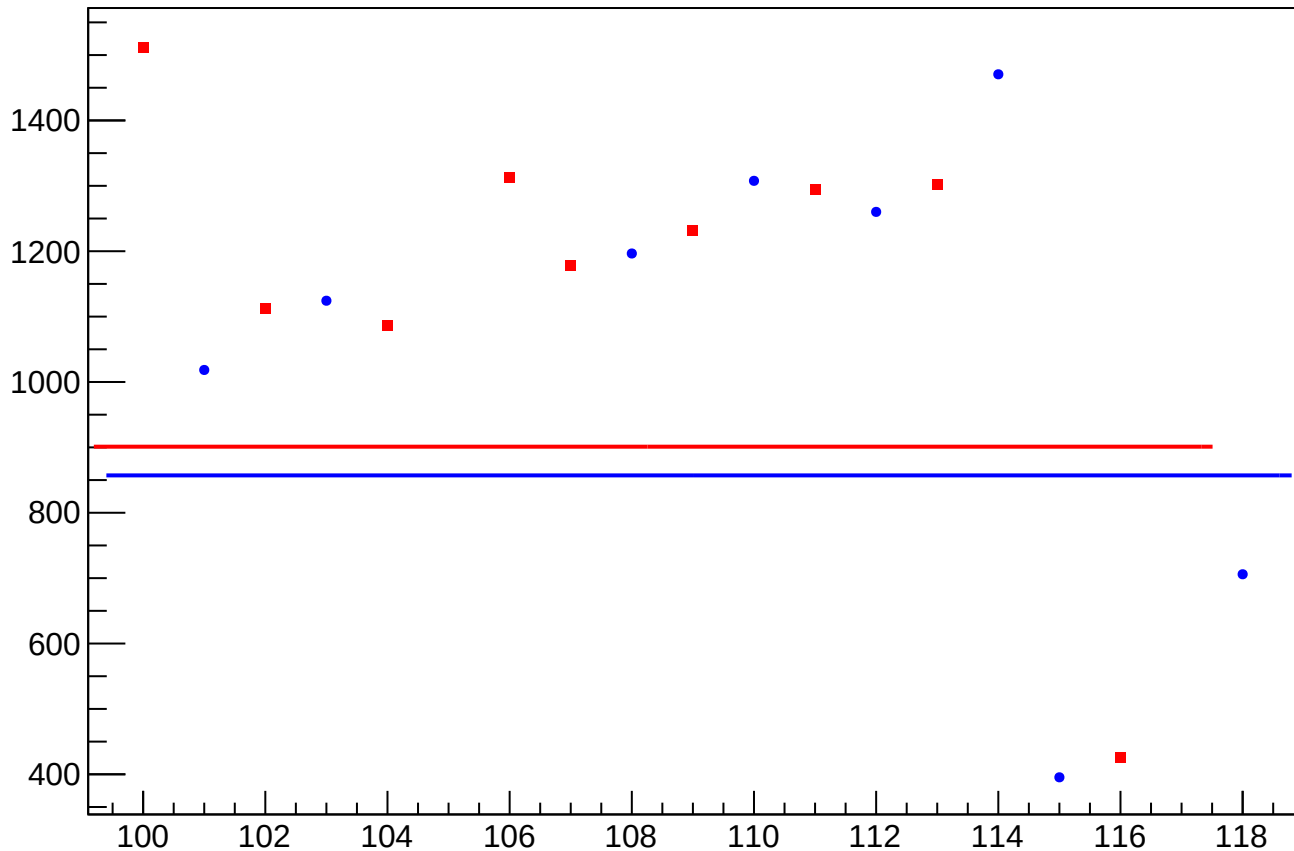
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -266.833 $\pm$ 362.009 χ^2 /NDF: 10.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



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: 901.061+/-0.369 χ^2/NDF : 1080709.8/8

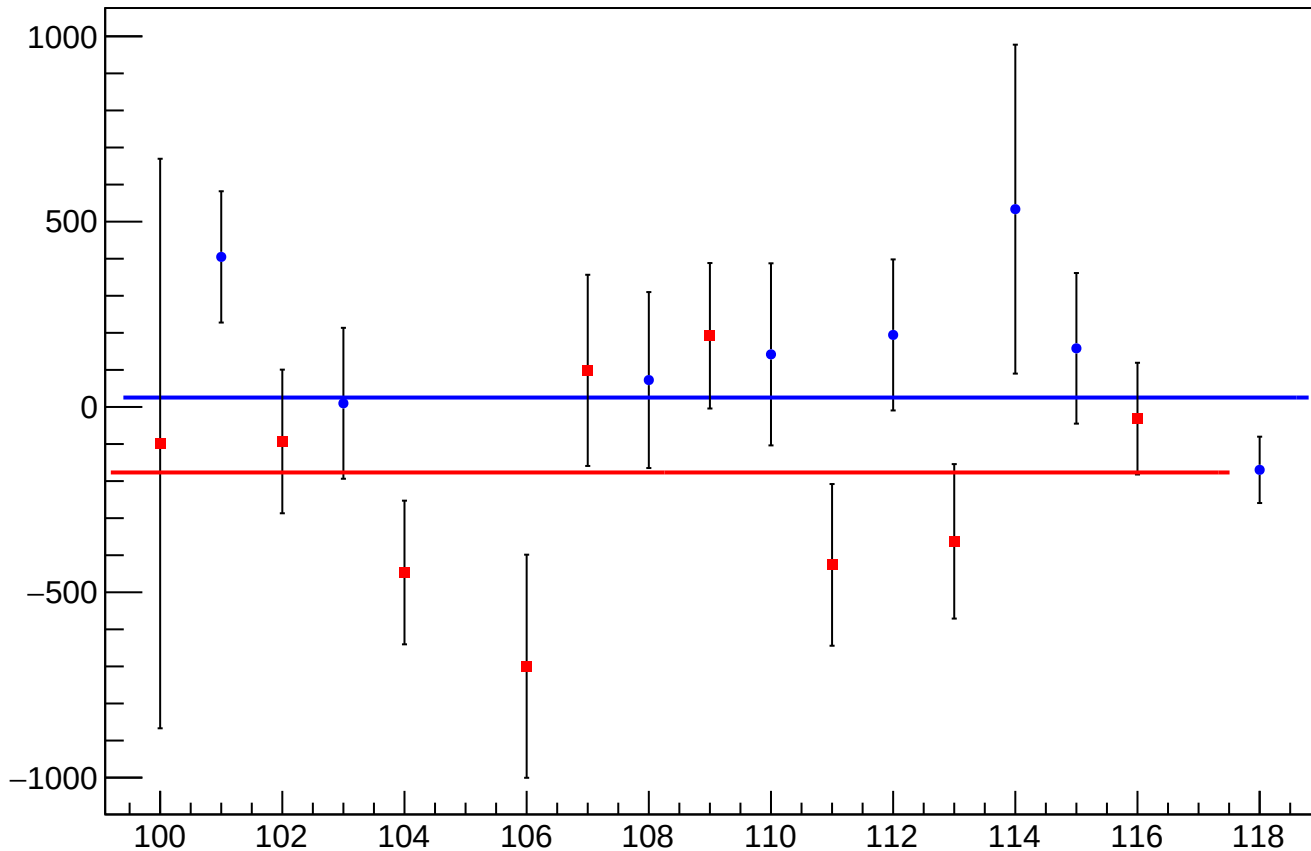
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.270+/-0.256 χ^2/NDF : 1919683.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



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: -176.708+/-71.599 χ^2/NDF : 12.9/8

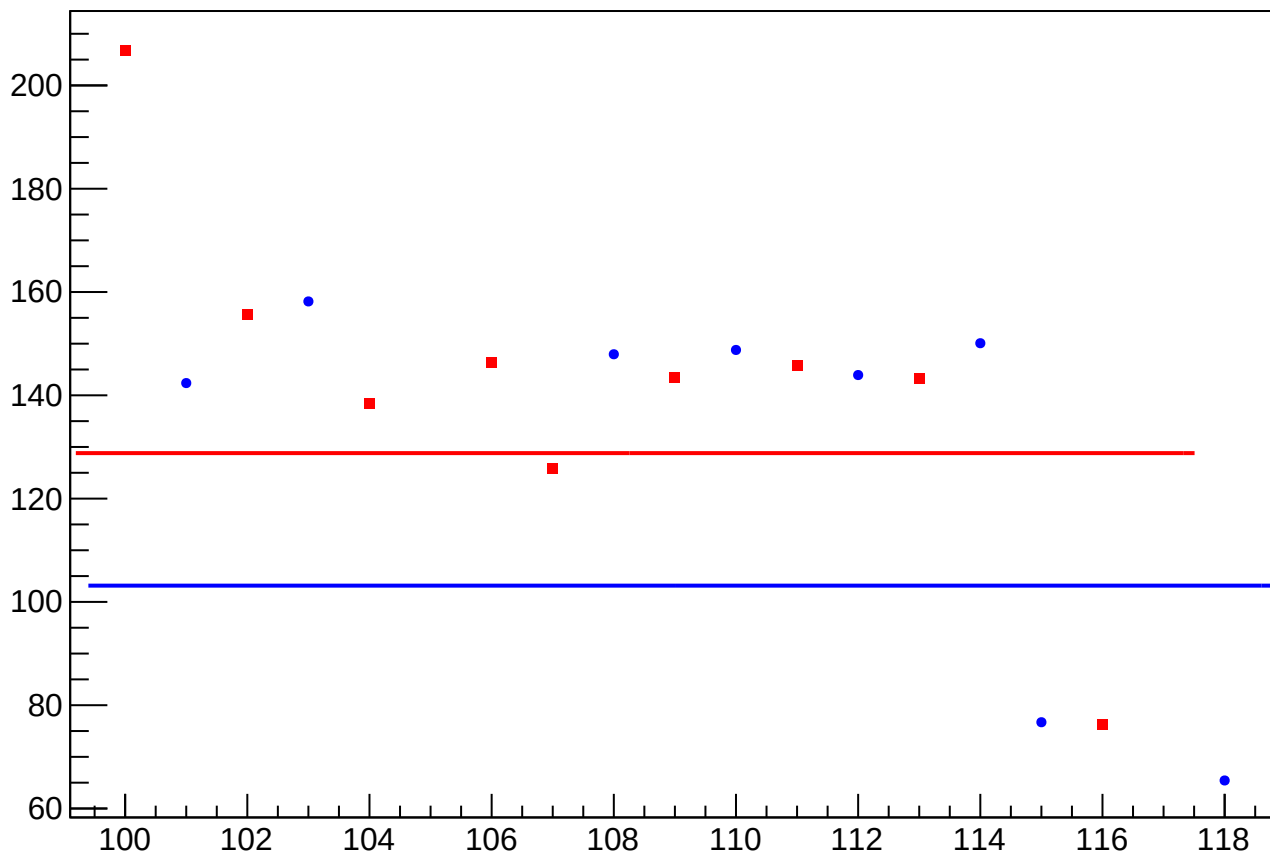
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -59.618+/-46.444 χ^2/NDF : 29.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



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: 128.809+/-0.051 χ^2/NDF : 347653.3/8

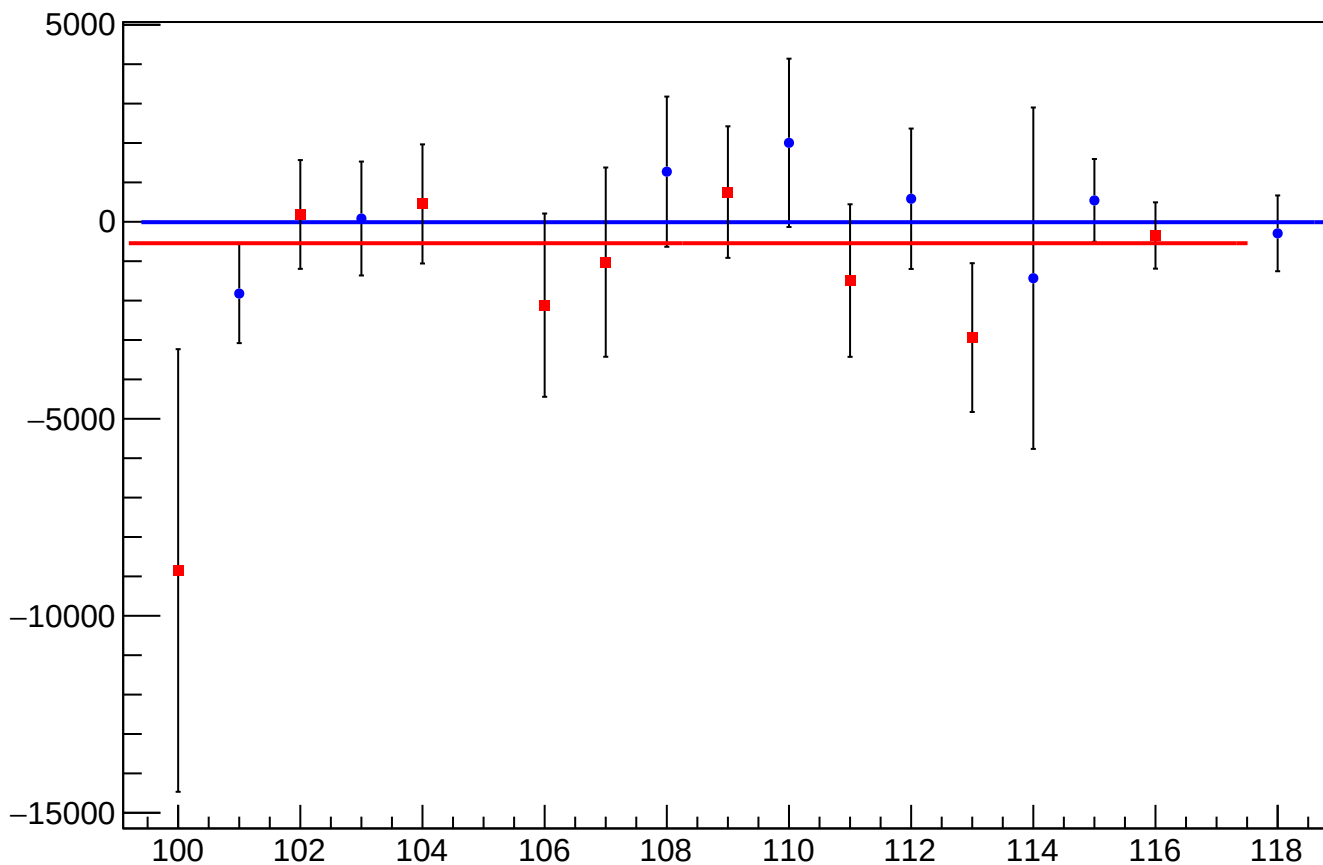
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.948+/-0.033 χ^2/NDF : 1372433.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



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: -543.711 ± 521.985 χ^2/NDF : 5.9/8

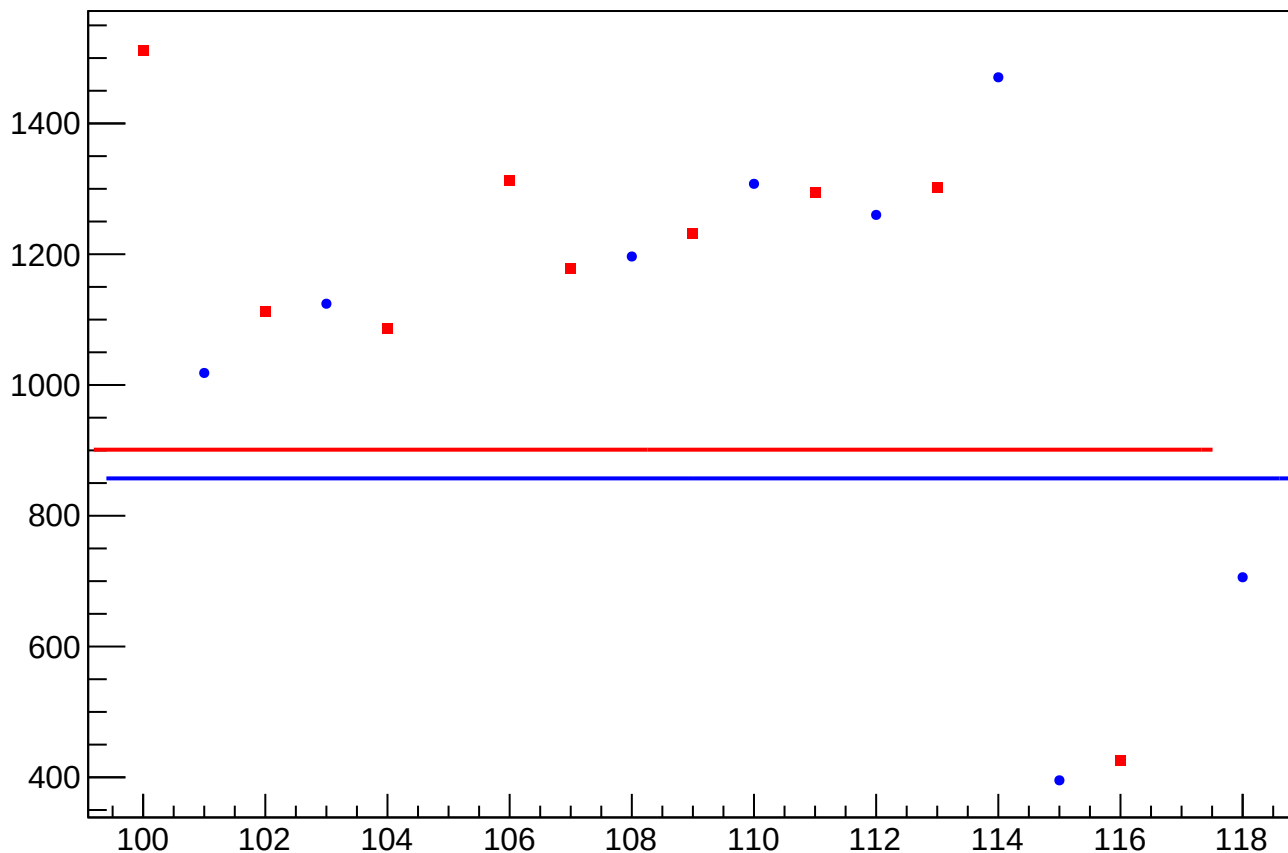
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -266.832 ± 362.008 χ^2/NDF : 10.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



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: 901.062+/-0.369 χ^2/NDF : 1080693.0/8

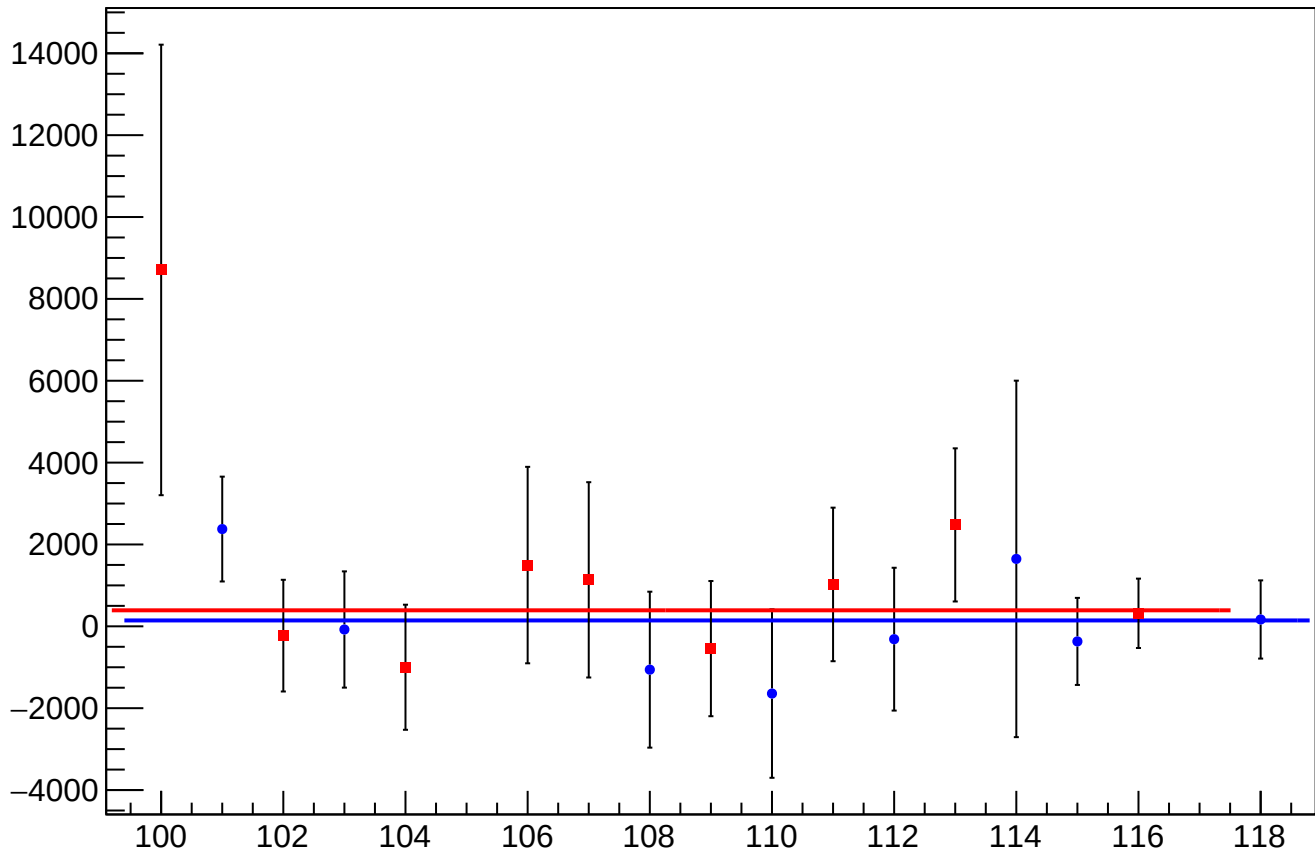
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.270+/-0.256 χ^2/NDF : 1919653.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 143.857 $\pm$ 501.376 χ^2 /NDF: 4.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 391.140 $\pm$ 521.527 χ^2 /NDF: 5.3/8

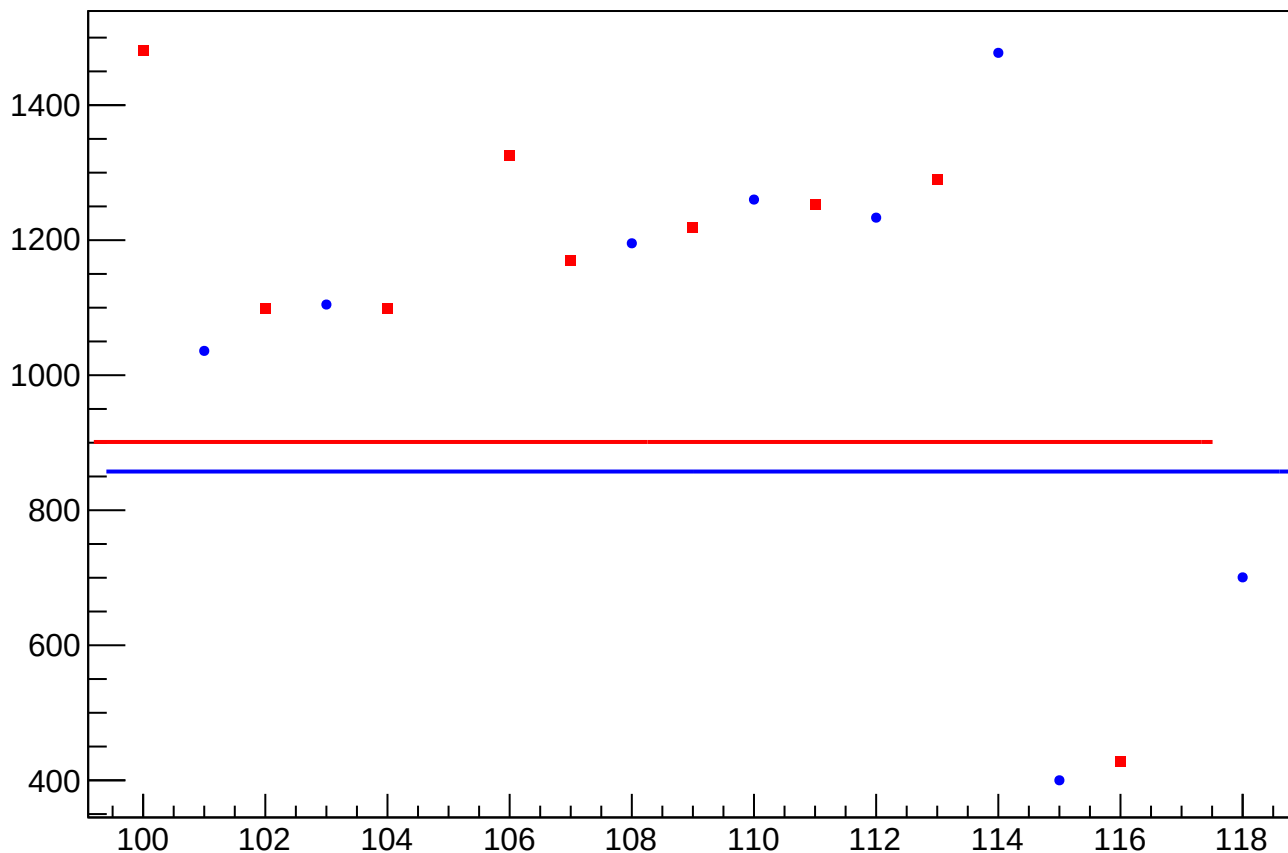
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 262.629 $\pm$ 361.440 χ^2 /NDF: 10.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



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: 901.117+/-0.369 χ^2/NDF : 1039990.5/8

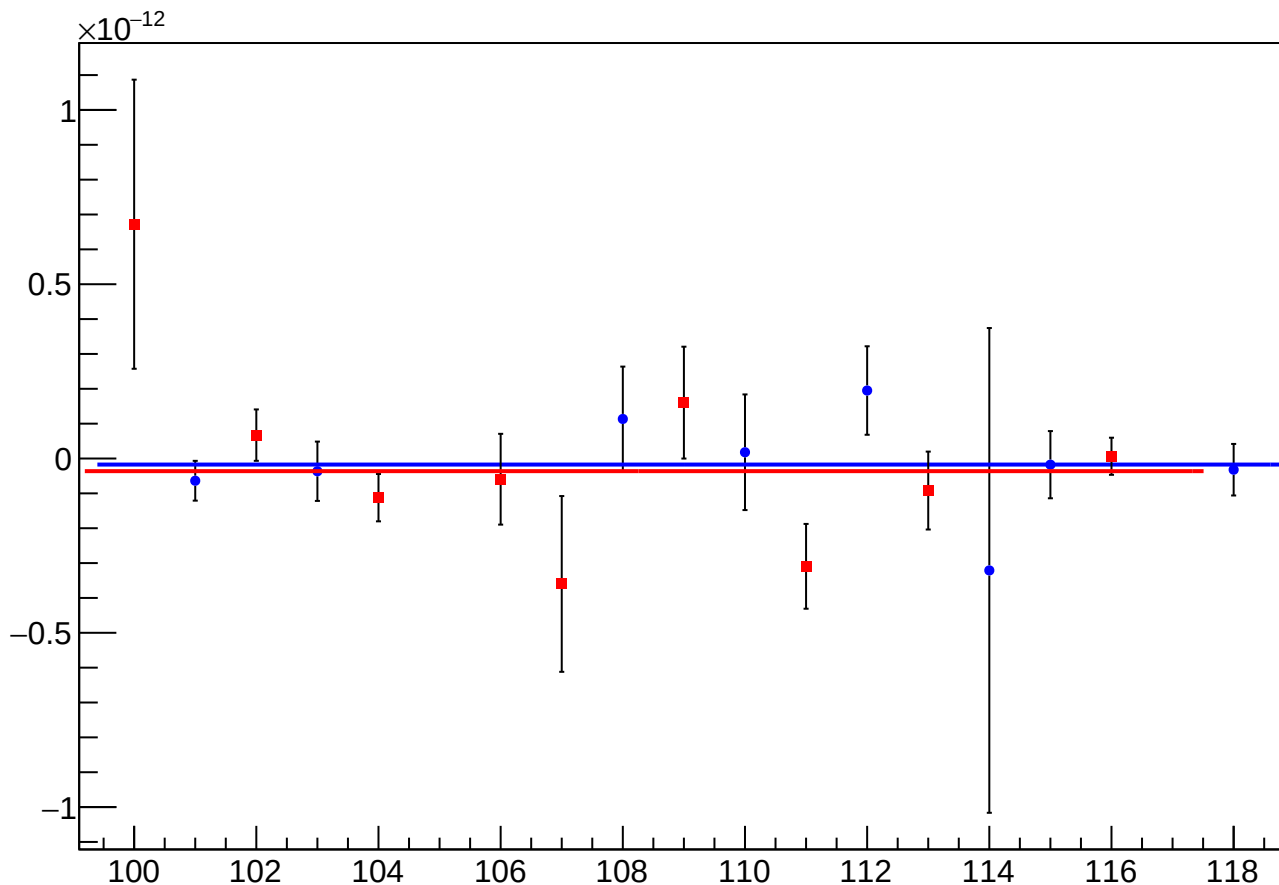
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.366+/-0.256 χ^2/NDF : 1843553.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug



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 : 15.2/8

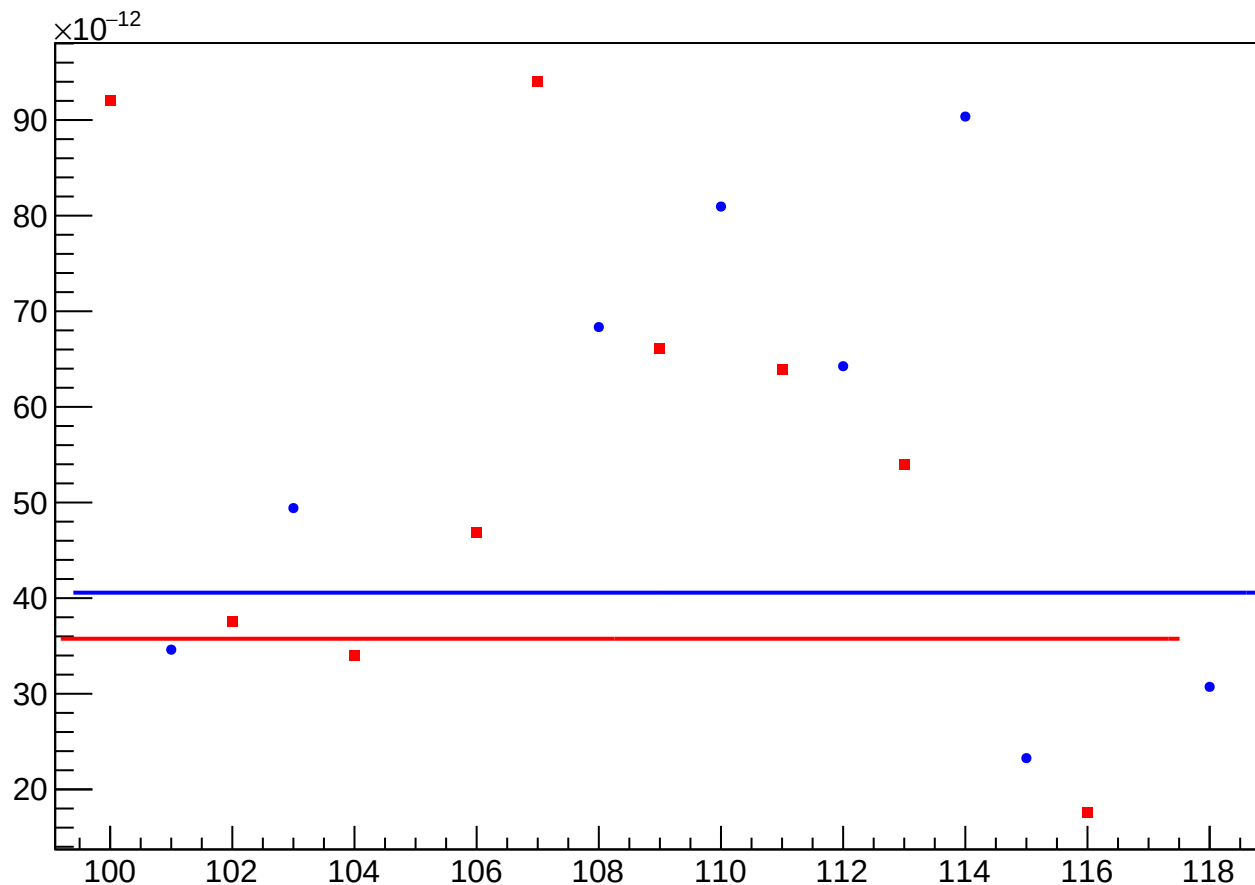
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug



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 : 626375.1/8

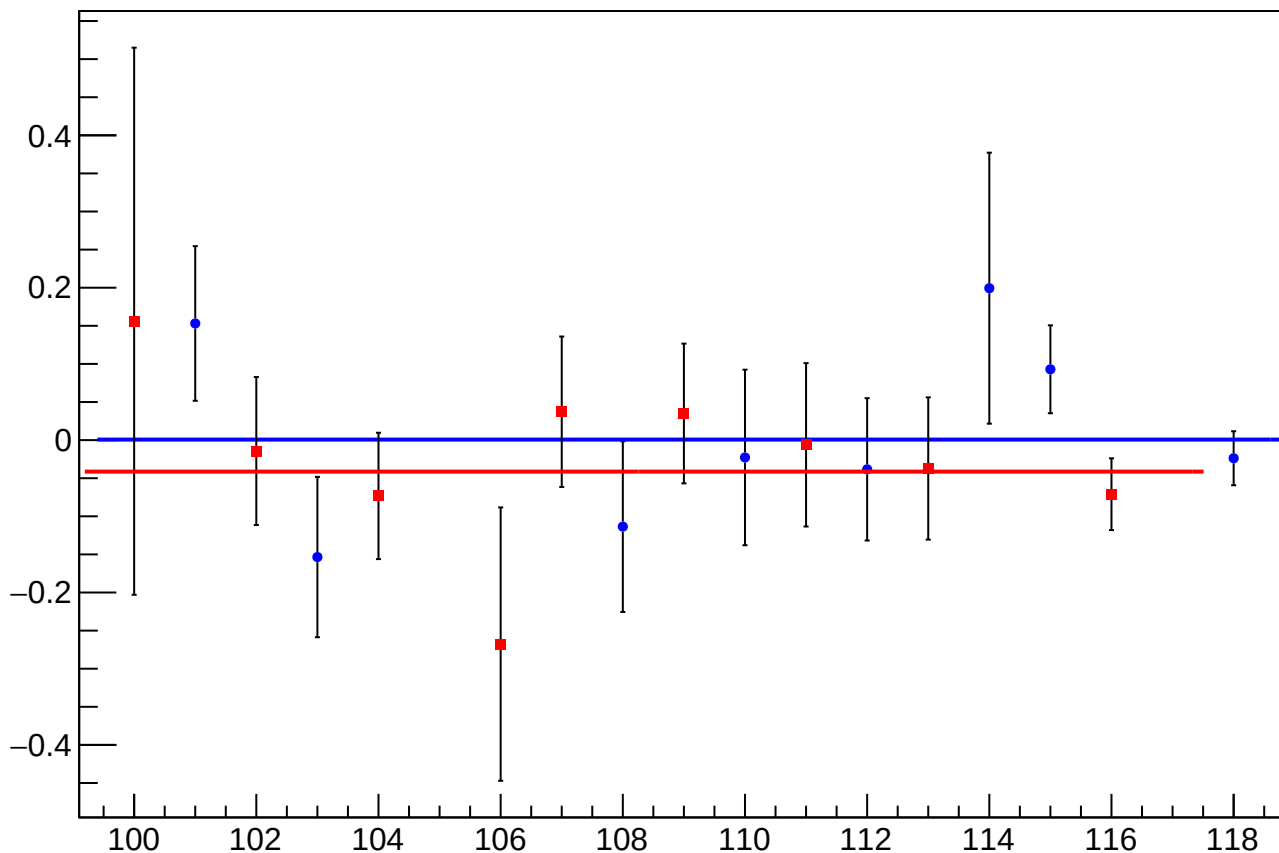
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1058445.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 4.0/8

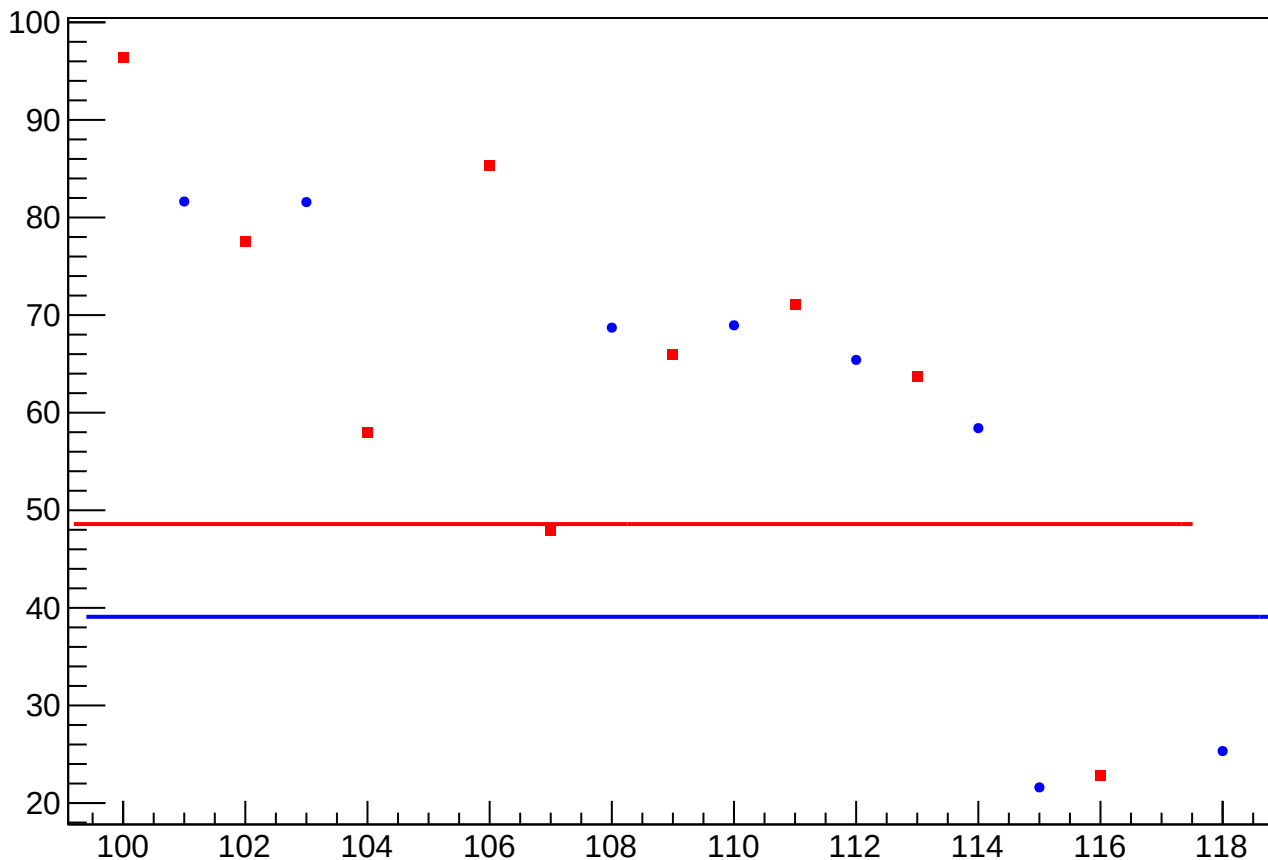
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.019 χ^2 /NDF: 15.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 39.086 $\pm$ 0.018 χ^2 /NDF: 1620428.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.584 $\pm$ 0.021 χ^2 /NDF: 1135394.5/8

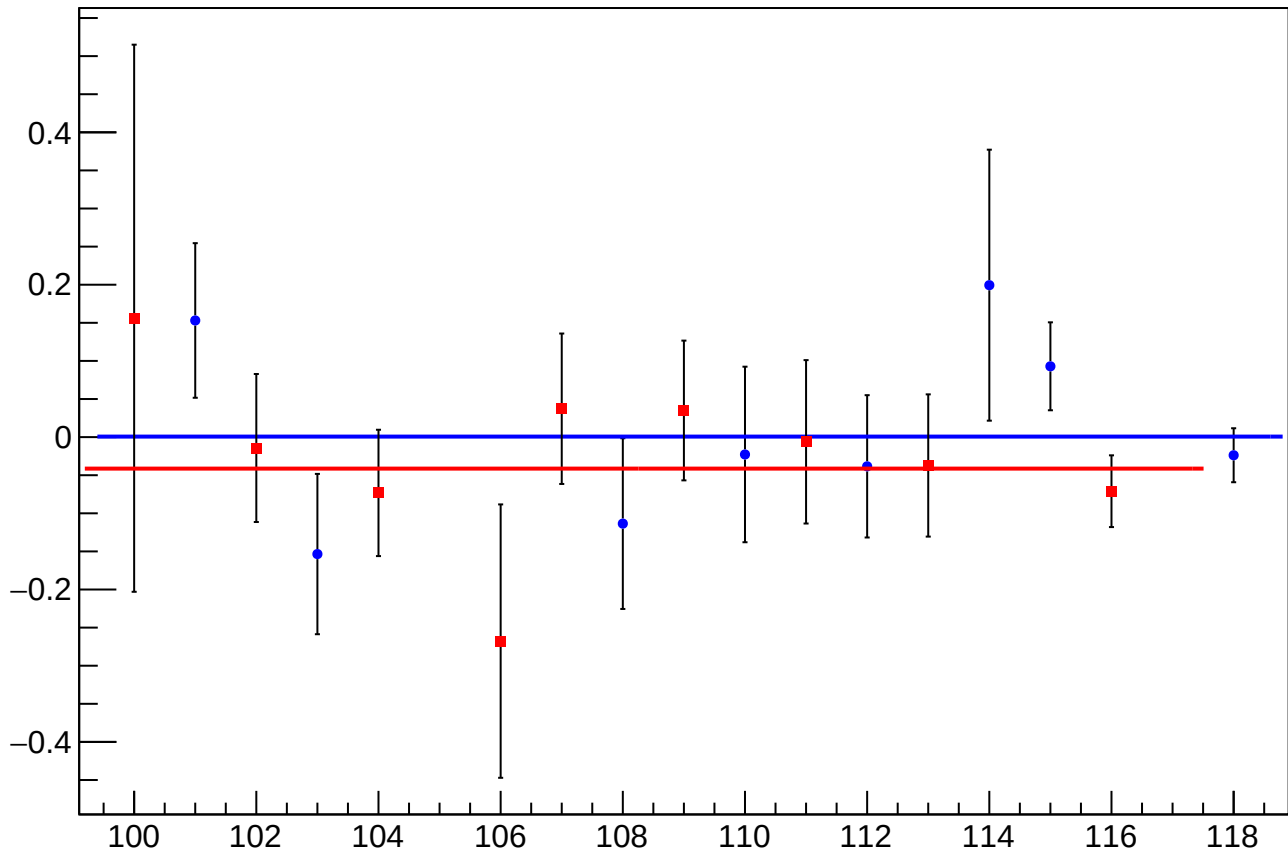
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.107 $\pm$ 0.013 χ^2 /NDF: 2877018.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 4.0/8

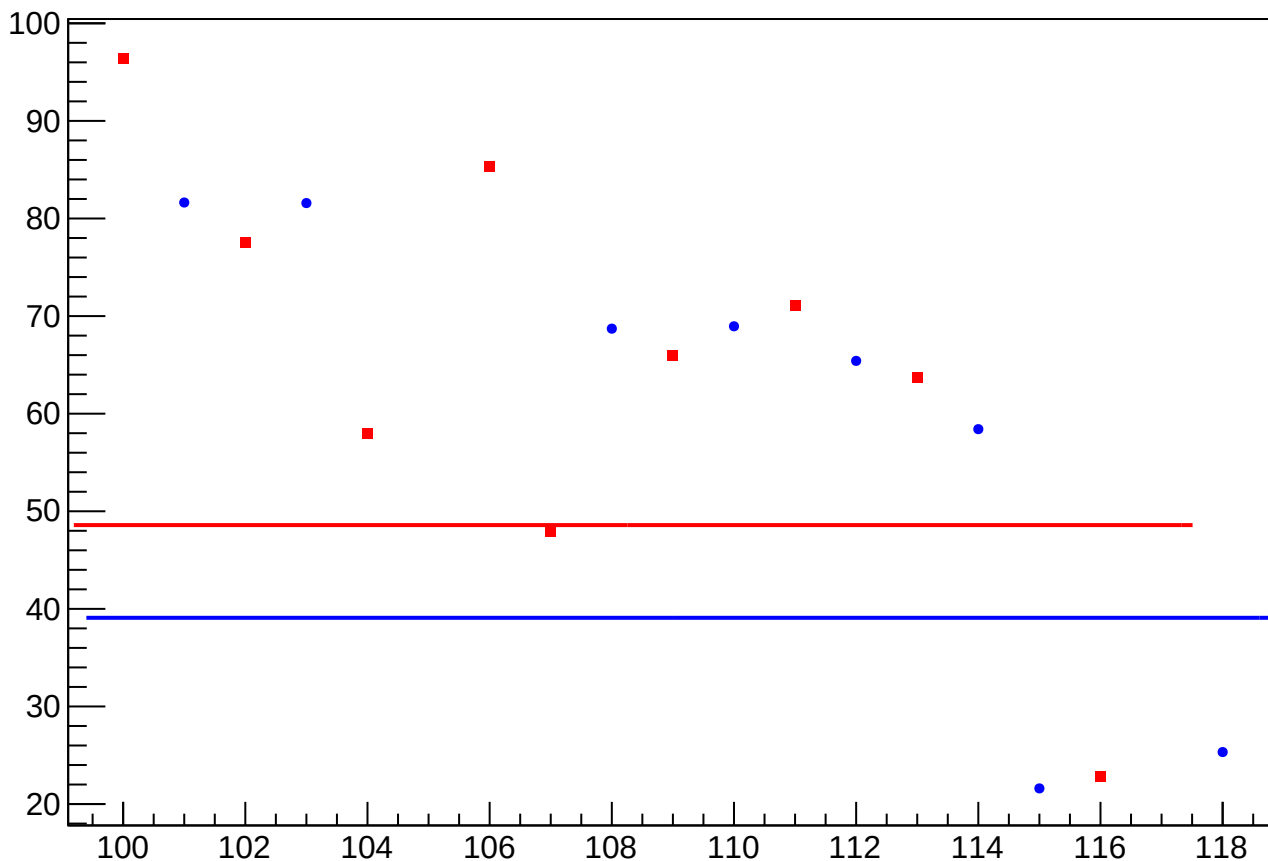
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.019 χ^2 /NDF: 15.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.086 $\pm$ 0.018 χ^2 /NDF: 1620428.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.584 $\pm$ 0.021 χ^2 /NDF: 1135394.5/8

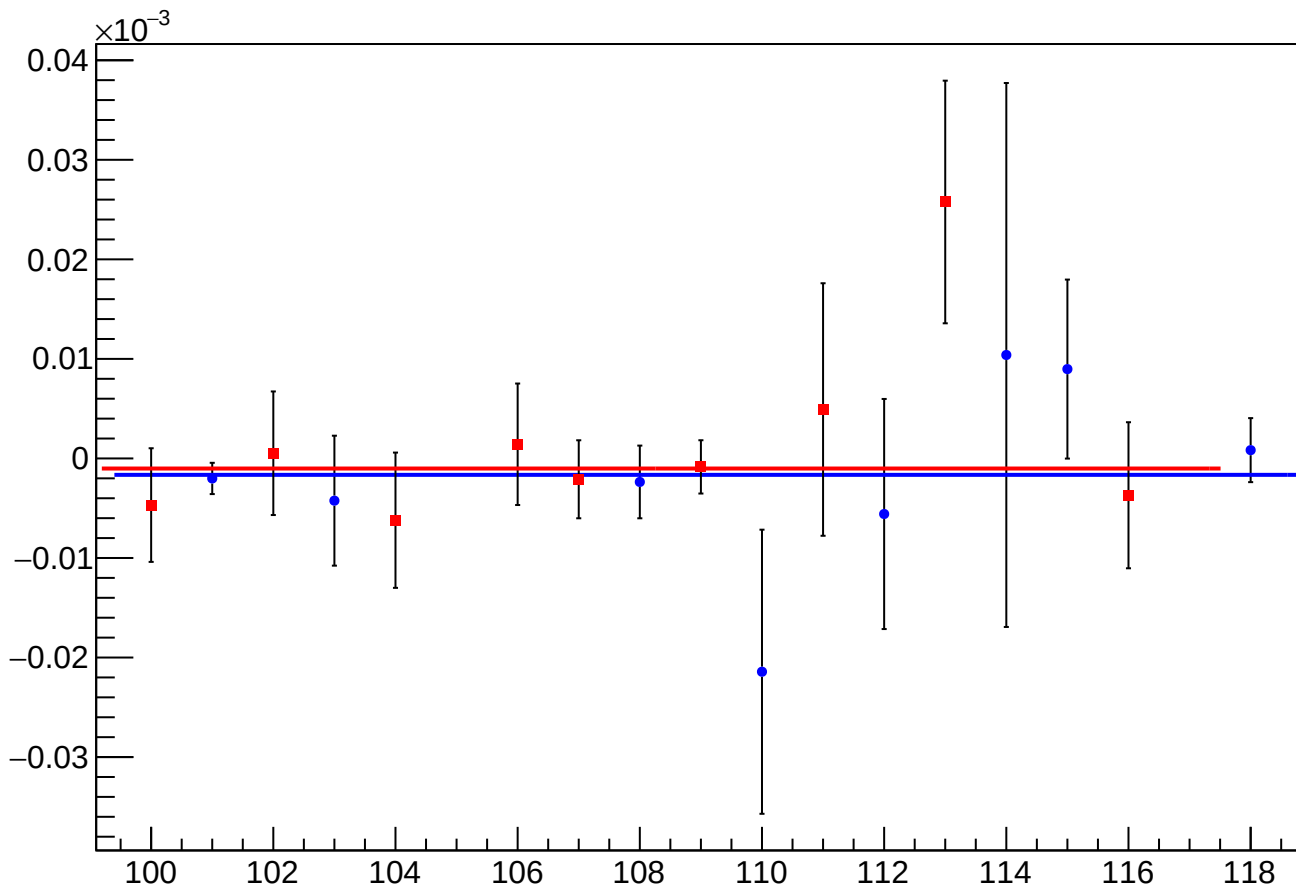
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.107 $\pm$ 0.013 χ^2 /NDF: 2877018.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug



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: 6.5/8

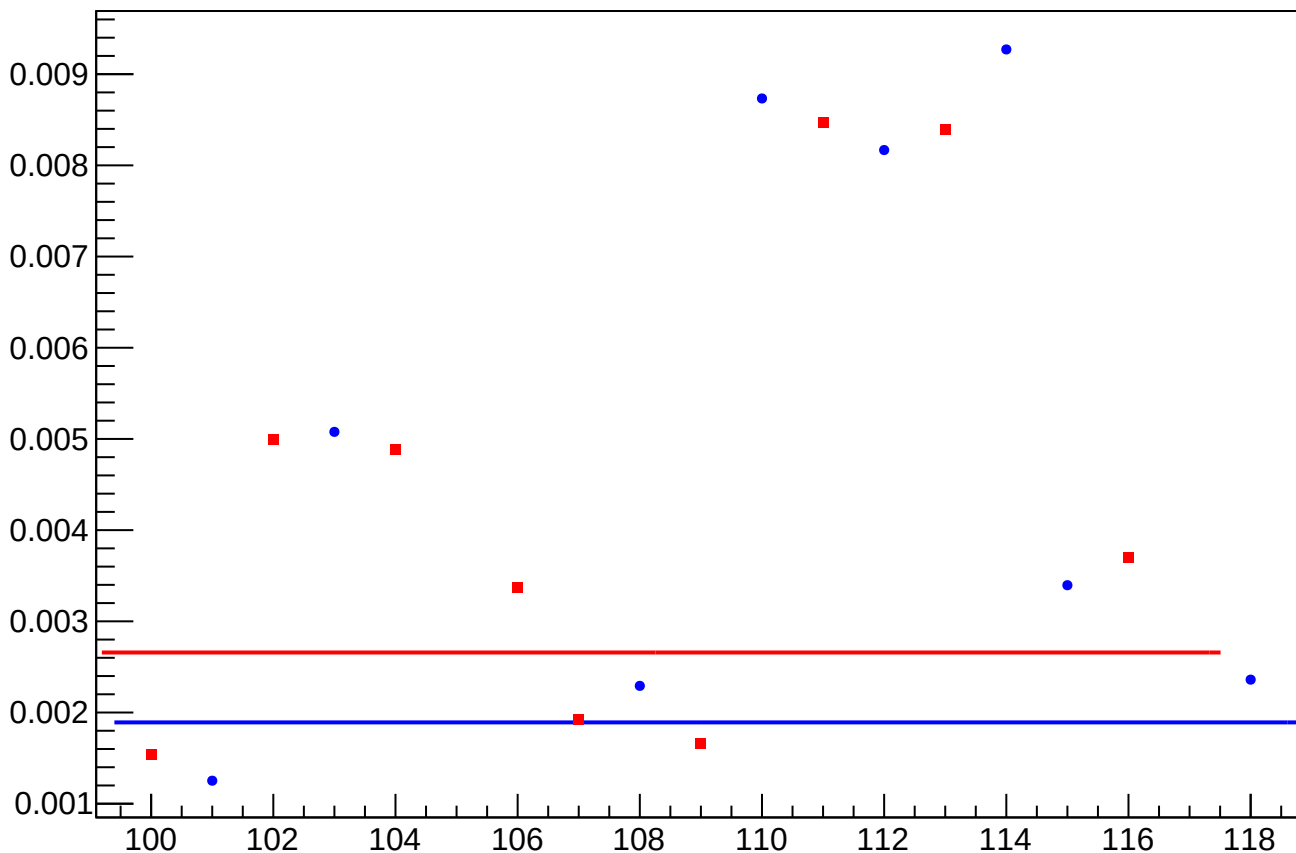
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1857364.0/8

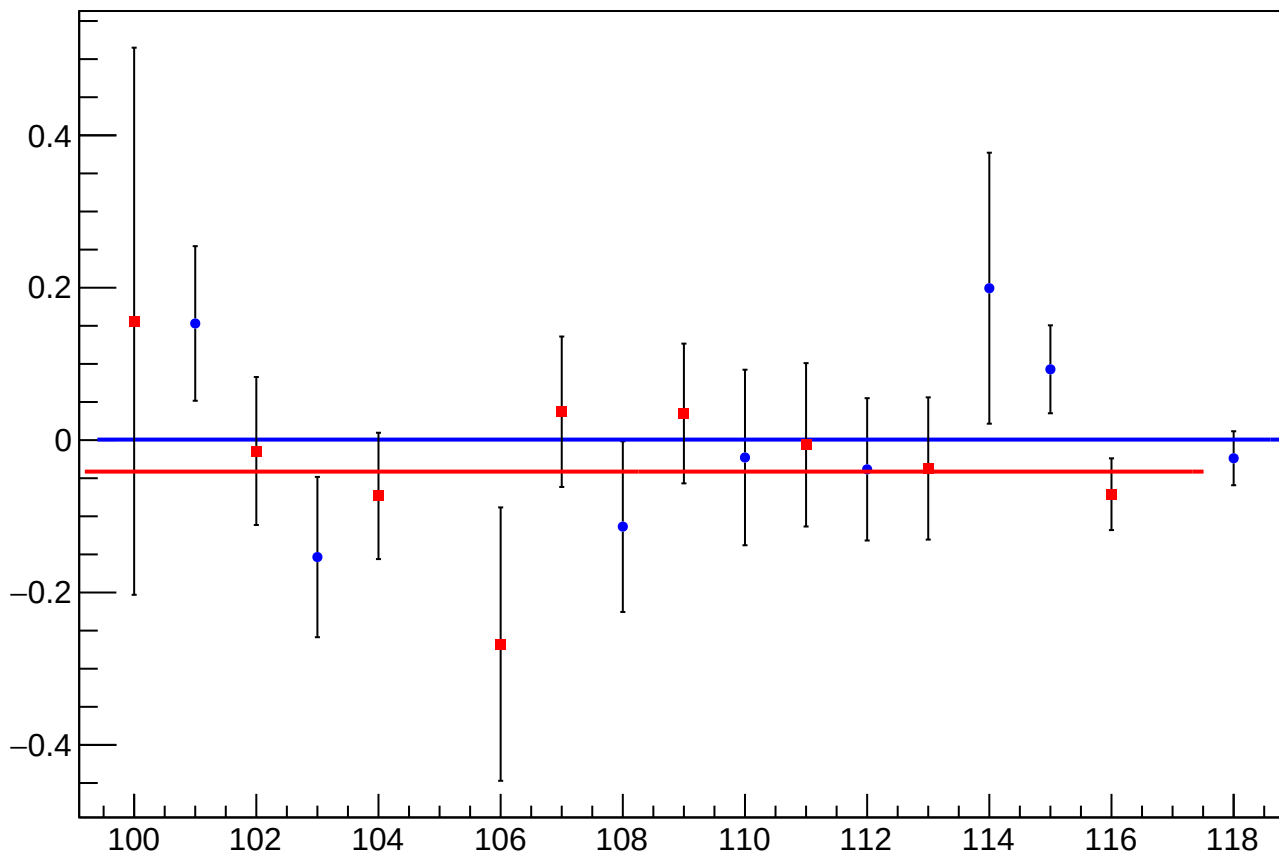
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4243243.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 4.0/8

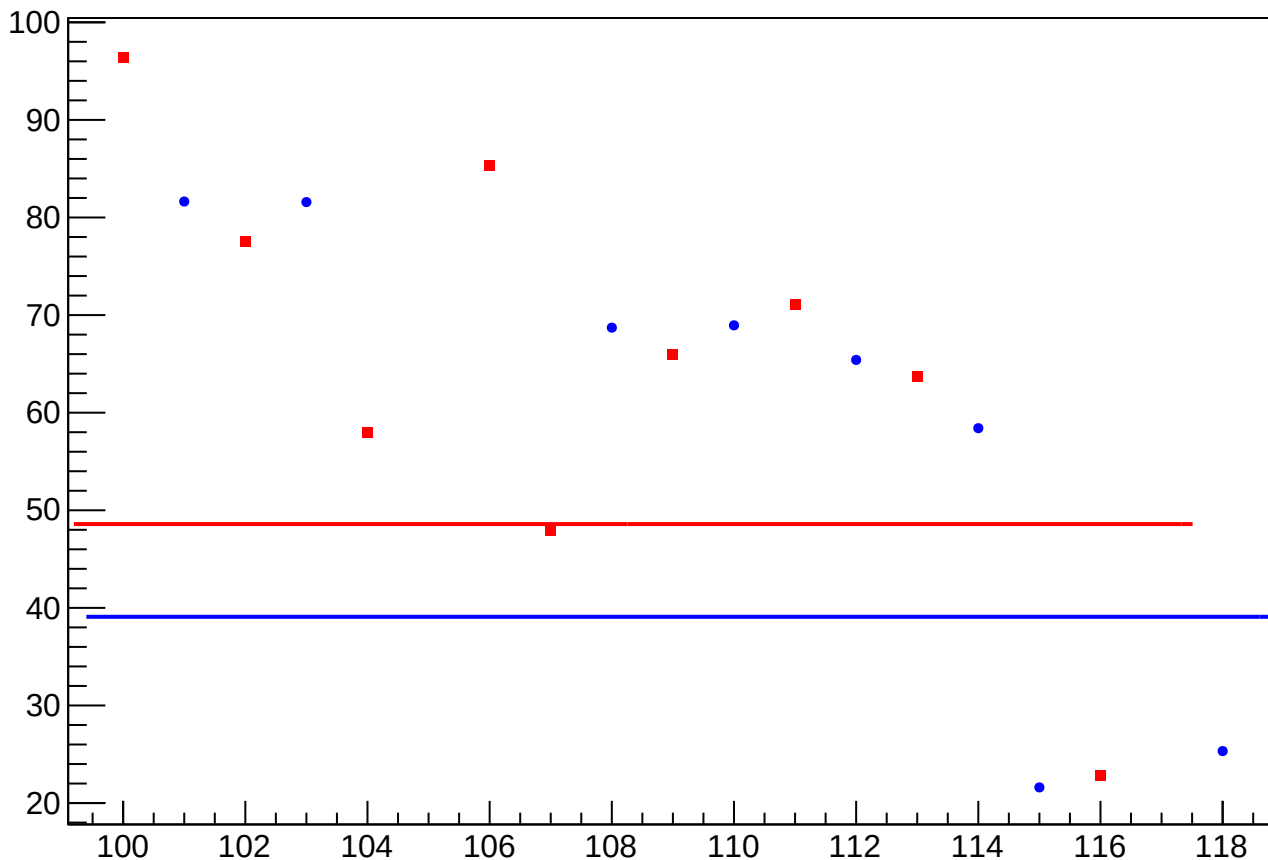
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.019 χ^2 /NDF: 15.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.086 $\pm$ 0.018 χ^2 /NDF: 1620346.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 48.585 $\pm$ 0.021 χ^2 /NDF: 1135243.0/8

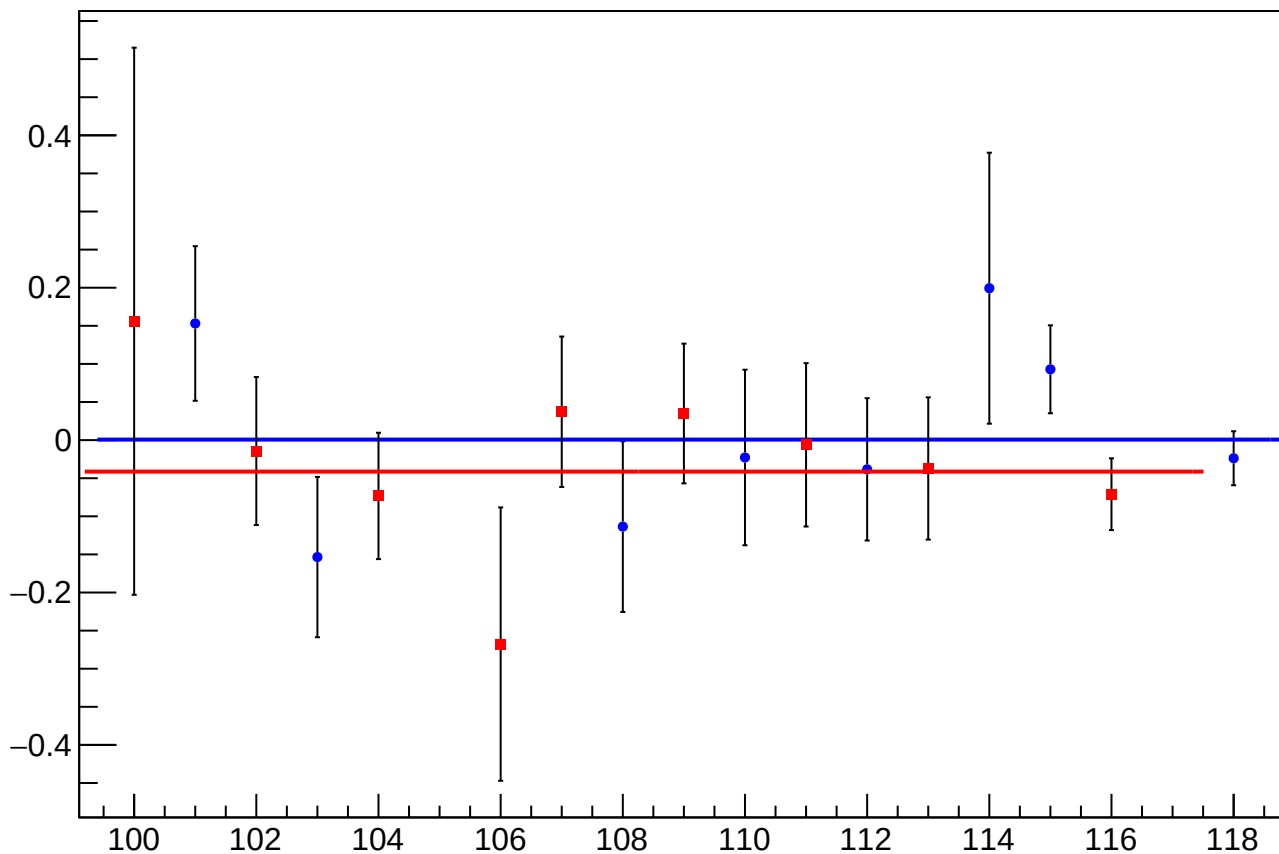
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.108 $\pm$ 0.013 χ^2 /NDF: 2876799.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 9.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.041 $\pm$ 0.029 χ^2 /NDF: 4.0/8

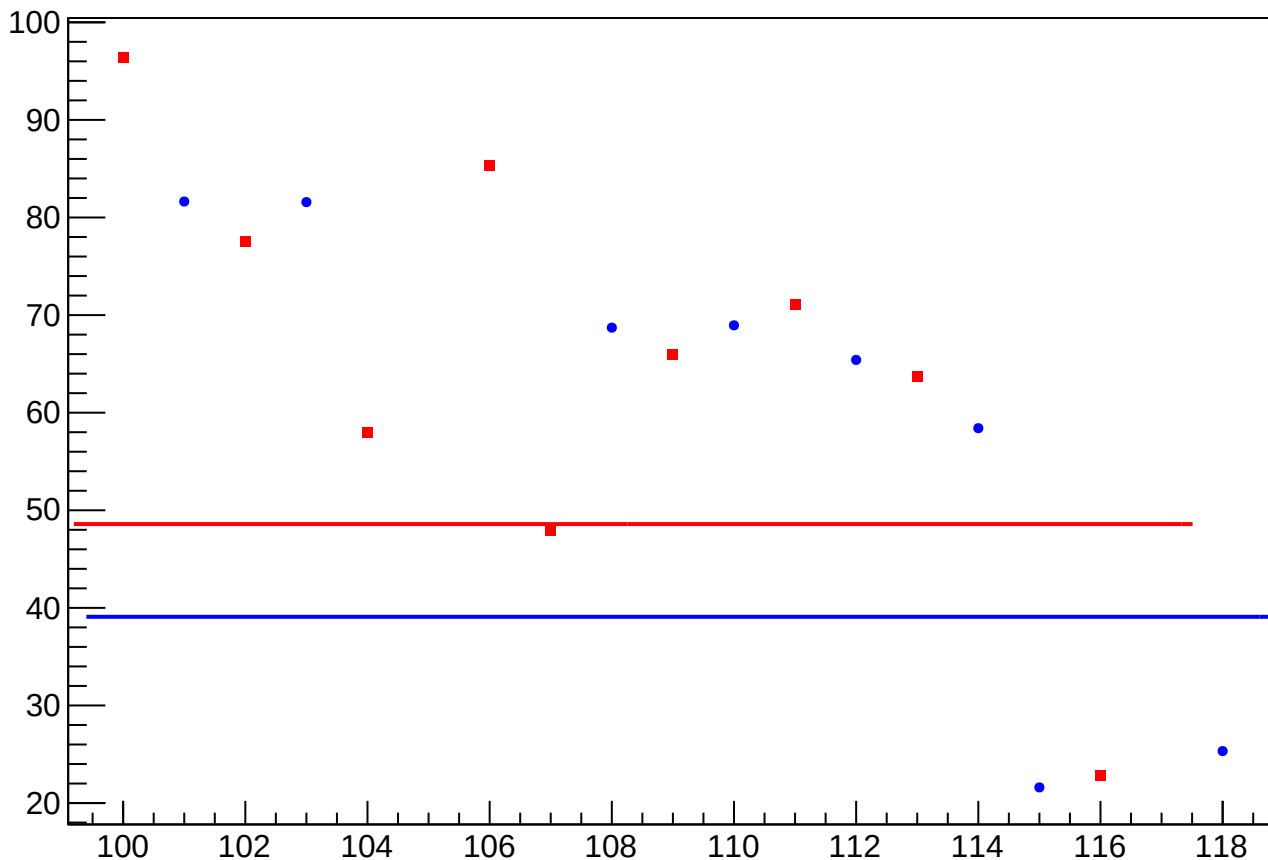
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.019 χ^2 /NDF: 15.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.086 $\pm$ 0.018 χ^2 /NDF: 1620346.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.585 $\pm$ 0.021 χ^2 /NDF: 1135243.0/8

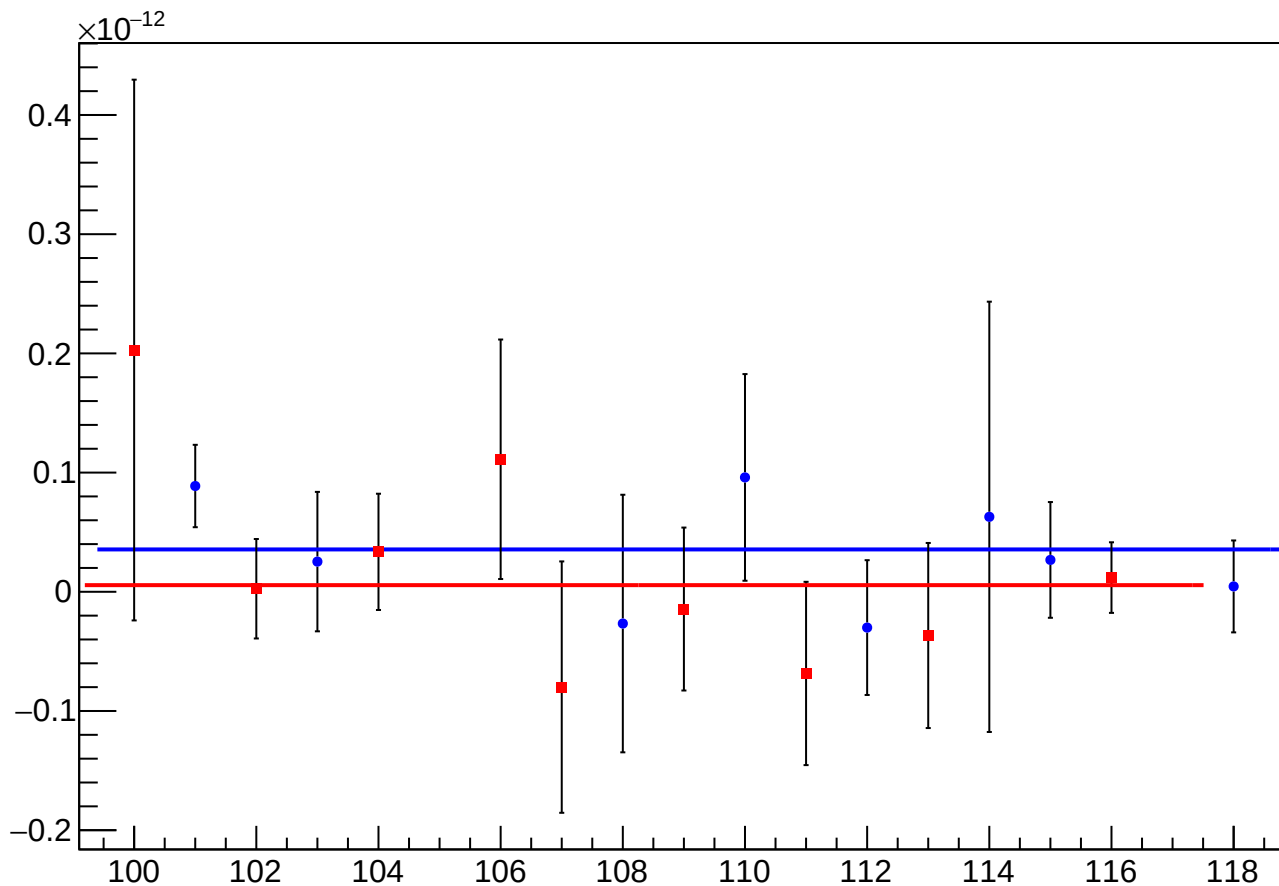
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.108 $\pm$ 0.013 χ^2 /NDF: 2876799.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/8

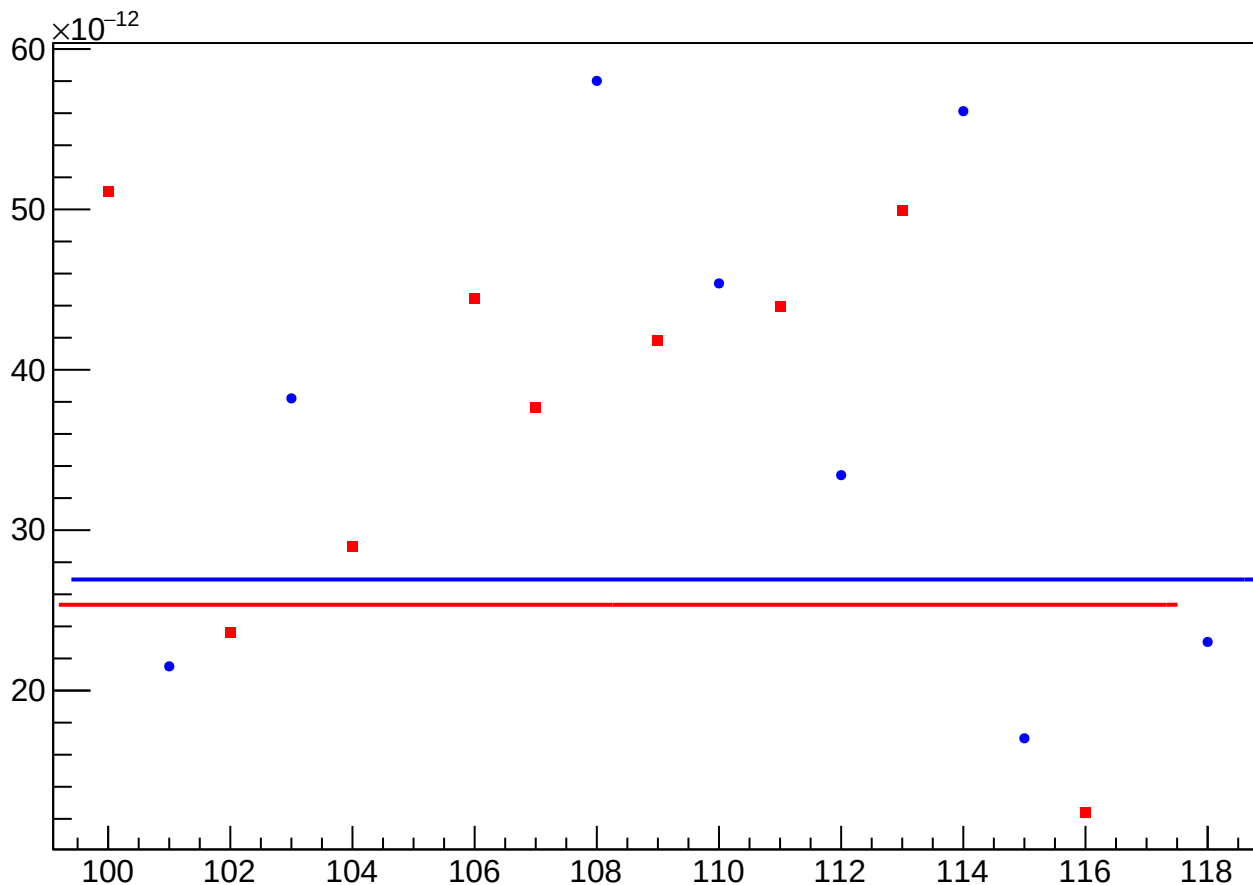
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 956112.6/8

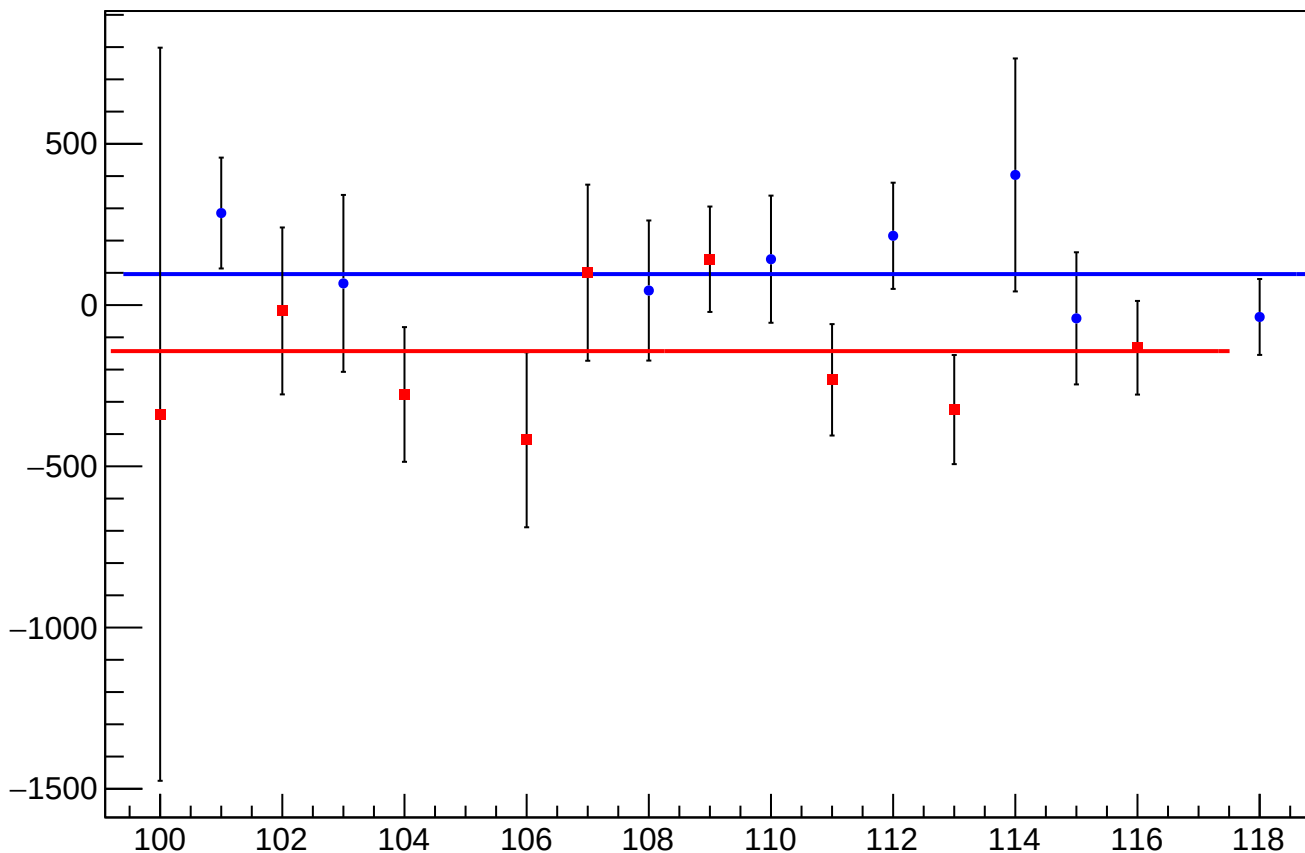
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1525592.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 96.104 $\pm$ 65.288 χ^2 /NDF: 4.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -142.735 $\pm$ 67.587 χ^2 /NDF: 7.0/8

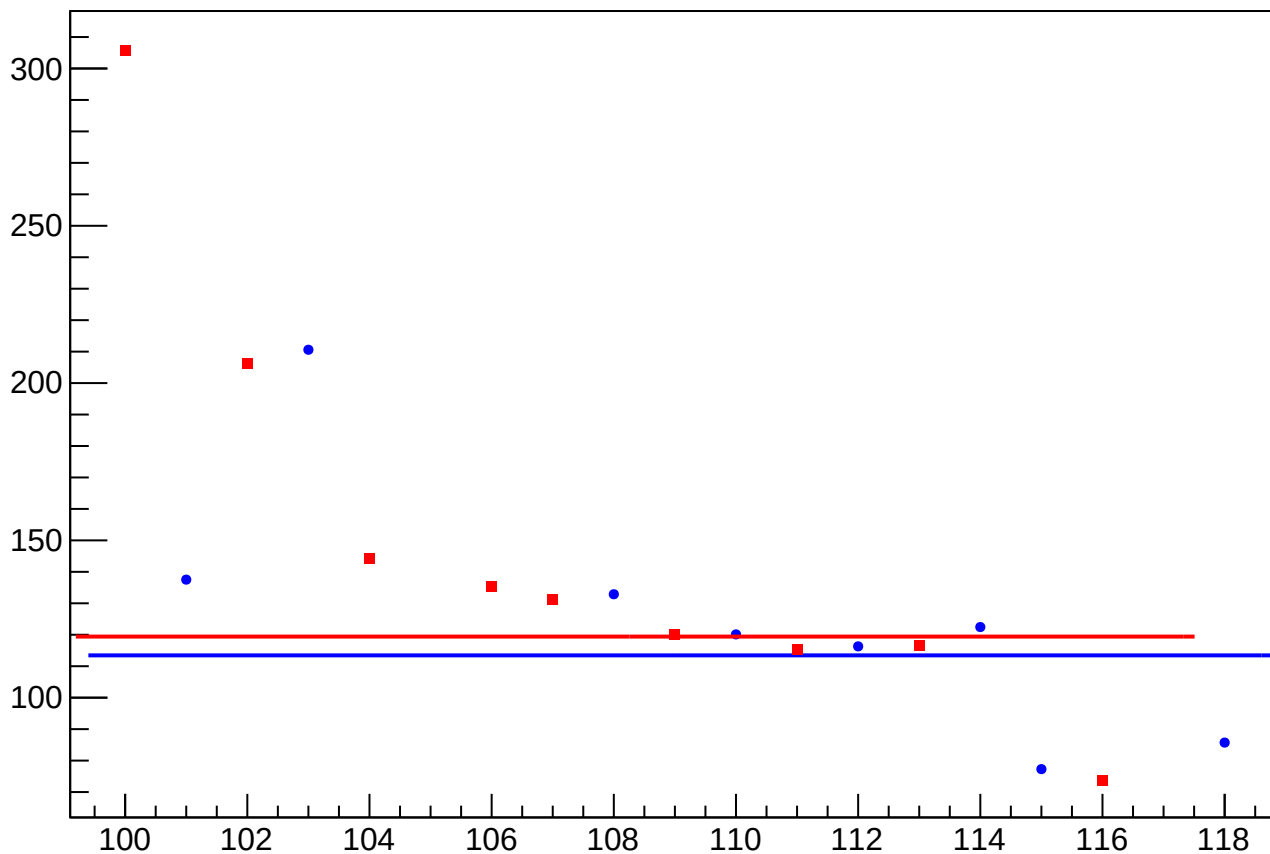
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.184 $\pm$ 46.957 χ^2 /NDF: 17.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



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: 119.419 $\pm$ 0.048 χ^2 /NDF: 517451.6/8

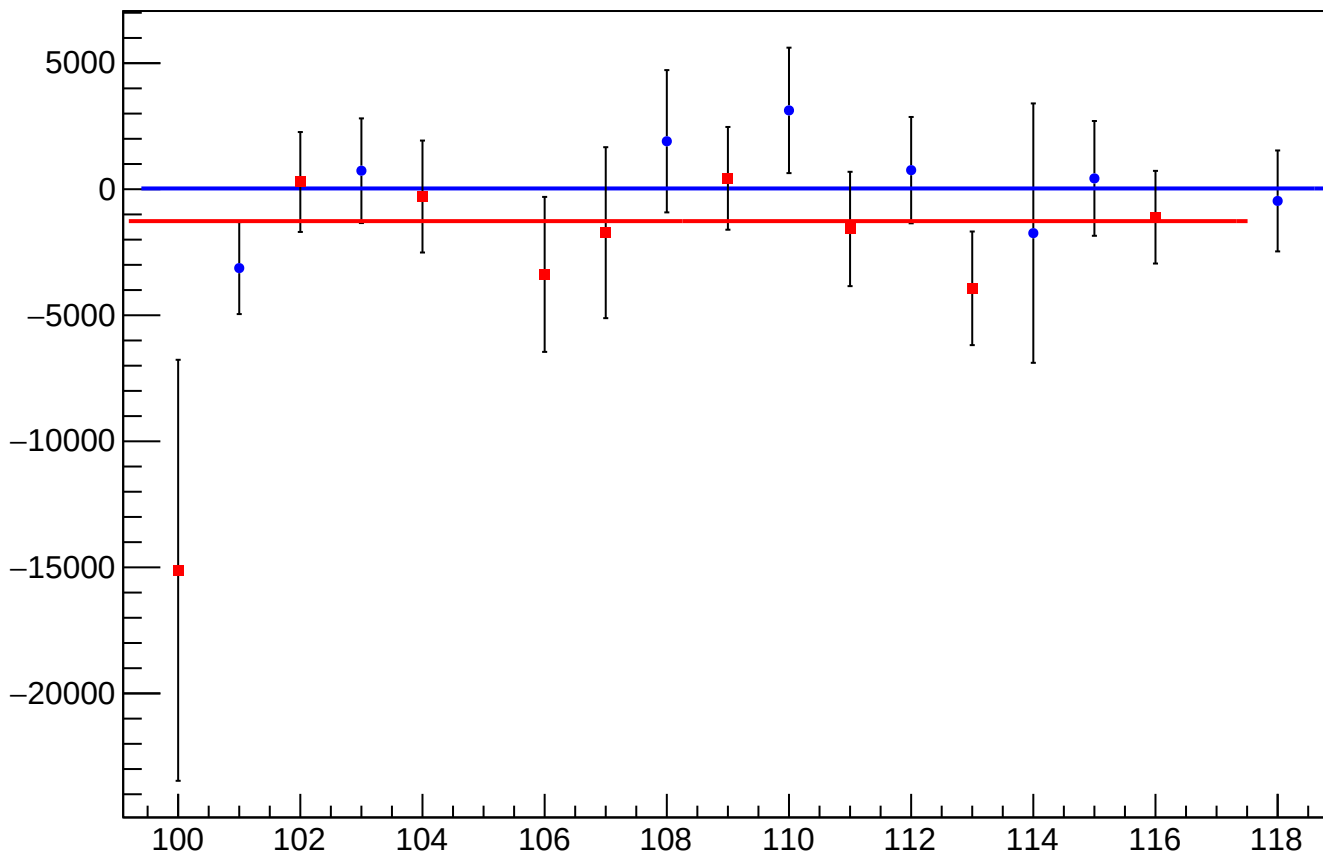
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.330 $\pm$ 0.033 χ^2 /NDF: 1008983.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



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: -1265.553+/-792.322 χ^2/NDF : 6.2/8

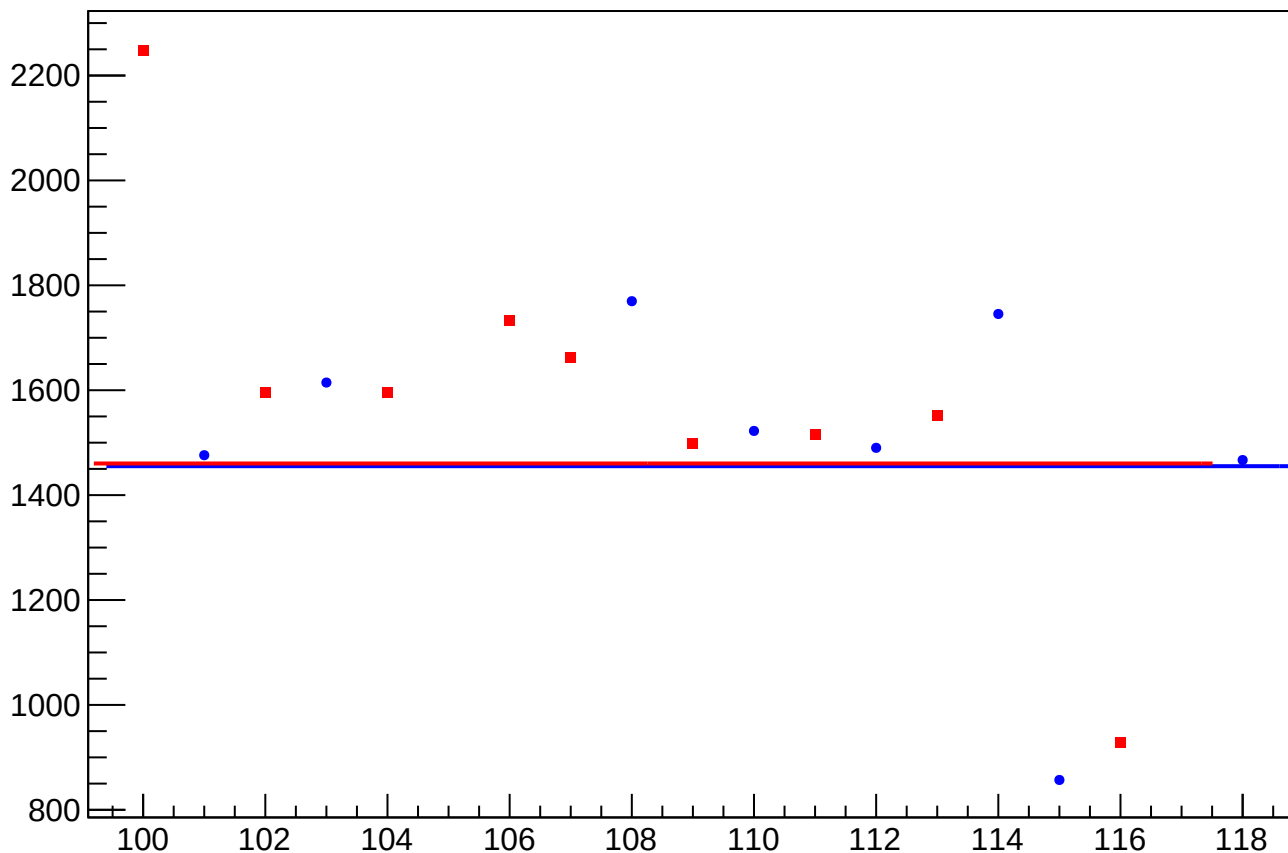
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -631.824+/-566.367 χ^2/NDF : 12.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



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: 1460.329+/-0.560 χ^2/NDF : 230603.8/8

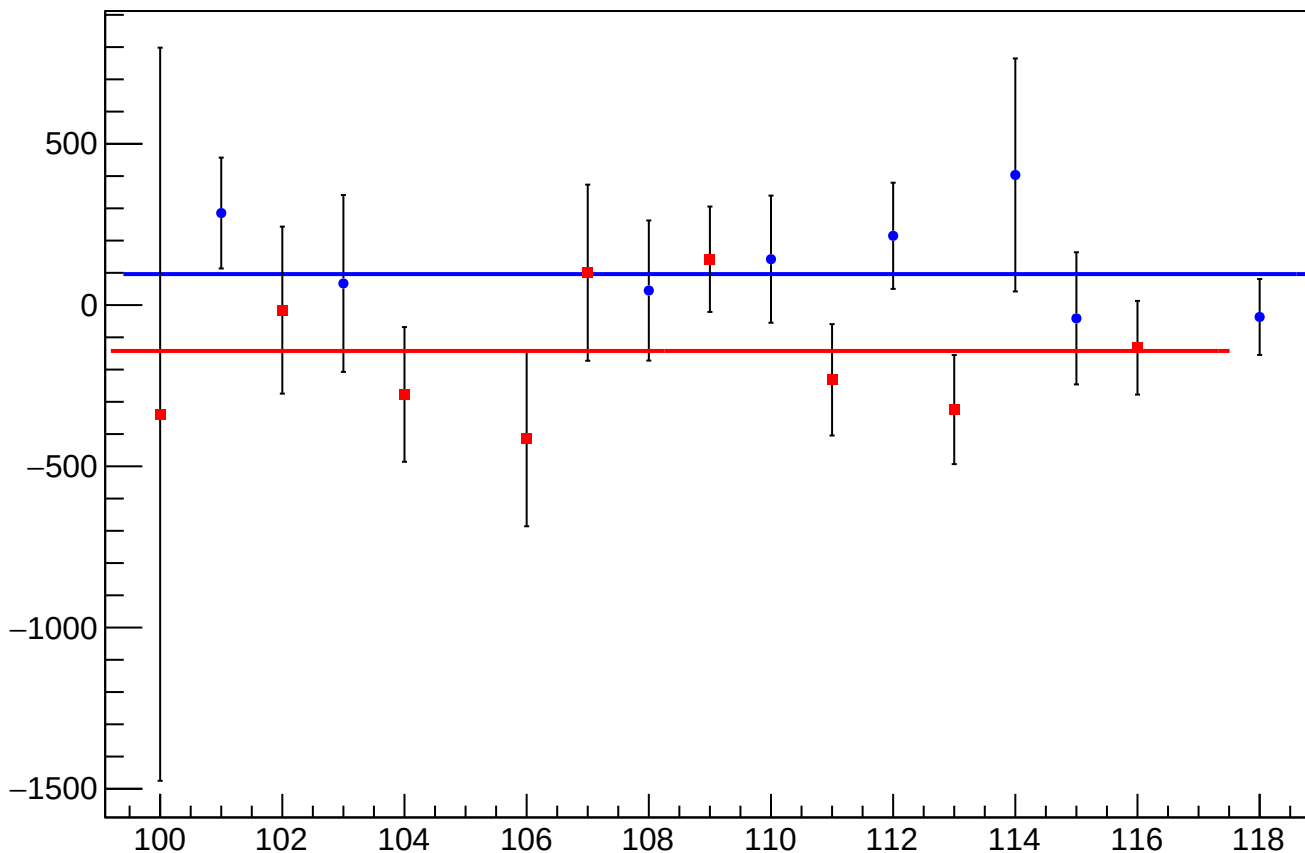
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1457.807+/-0.400 χ^2/NDF : 414108.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 96.092 $\pm$ 65.288 χ^2 /NDF: 4.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -142.215 $\pm$ 67.603 χ^2 /NDF: 6.9/8

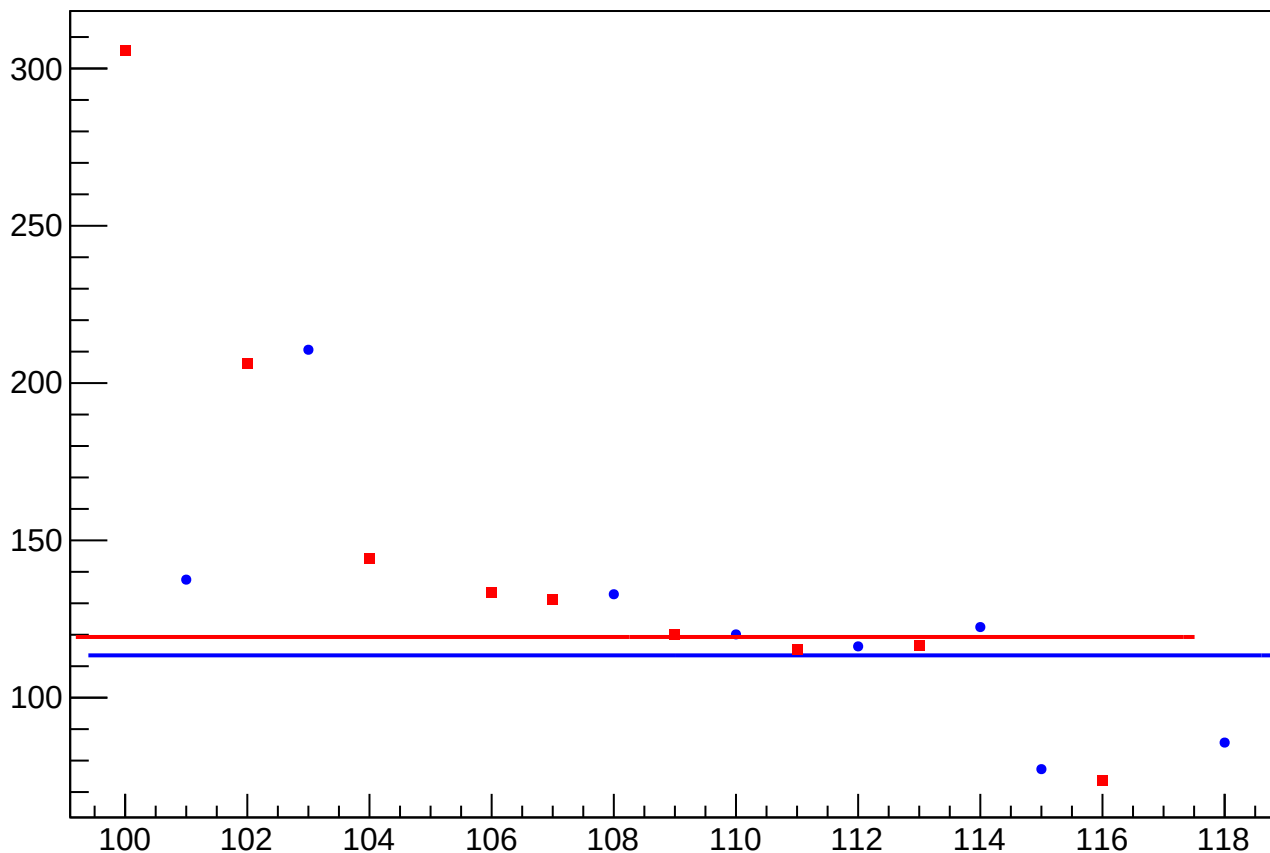
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.911 $\pm$ 46.963 χ^2 /NDF: 17.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 113.447 $\pm$ 0.046 χ^2 /NDF: 483457.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.293 $\pm$ 0.048 χ^2 /NDF: 516153.4/8

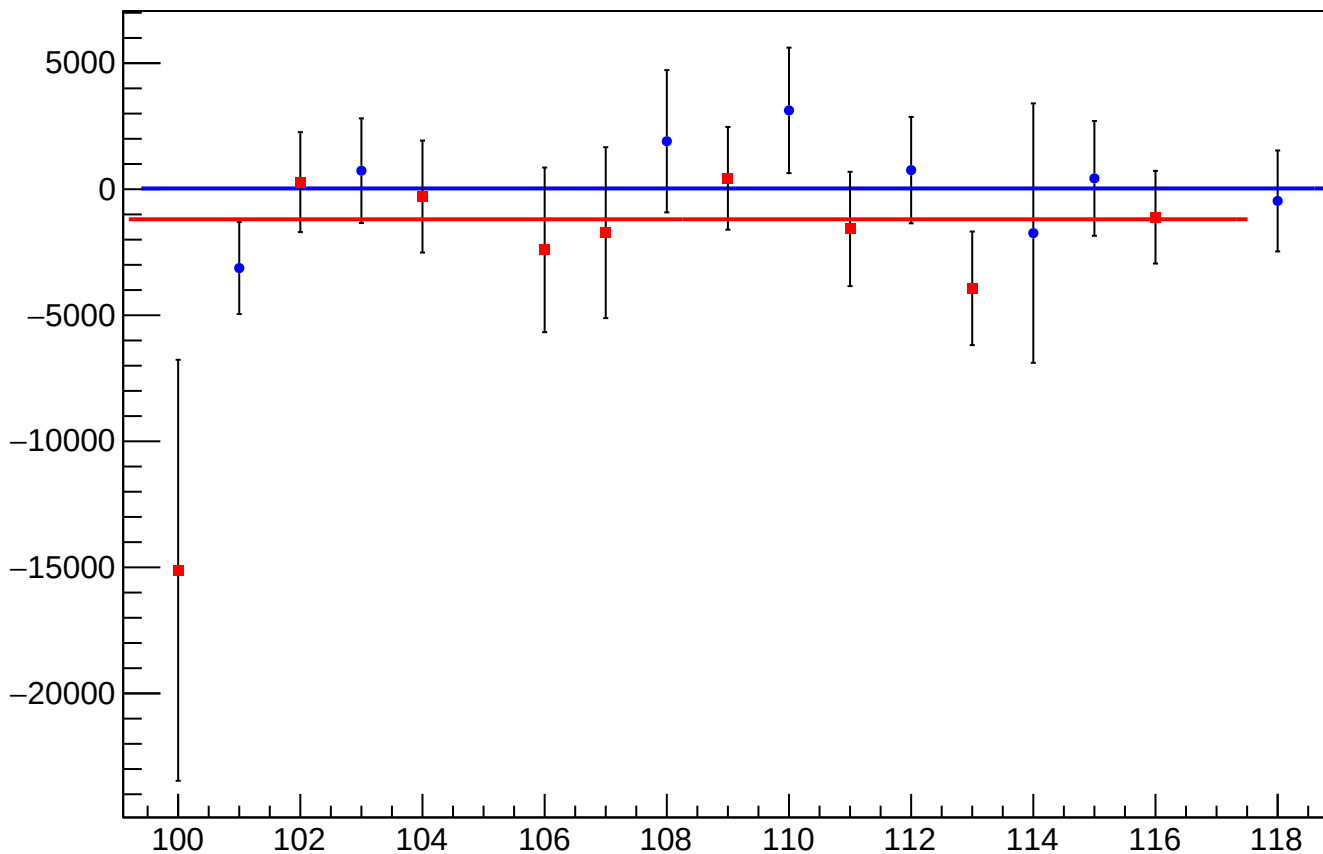
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.269 $\pm$ 0.033 χ^2 /NDF: 1007349.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



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: -1192.988+/-795.428 χ^2/NDF : 5.8/8

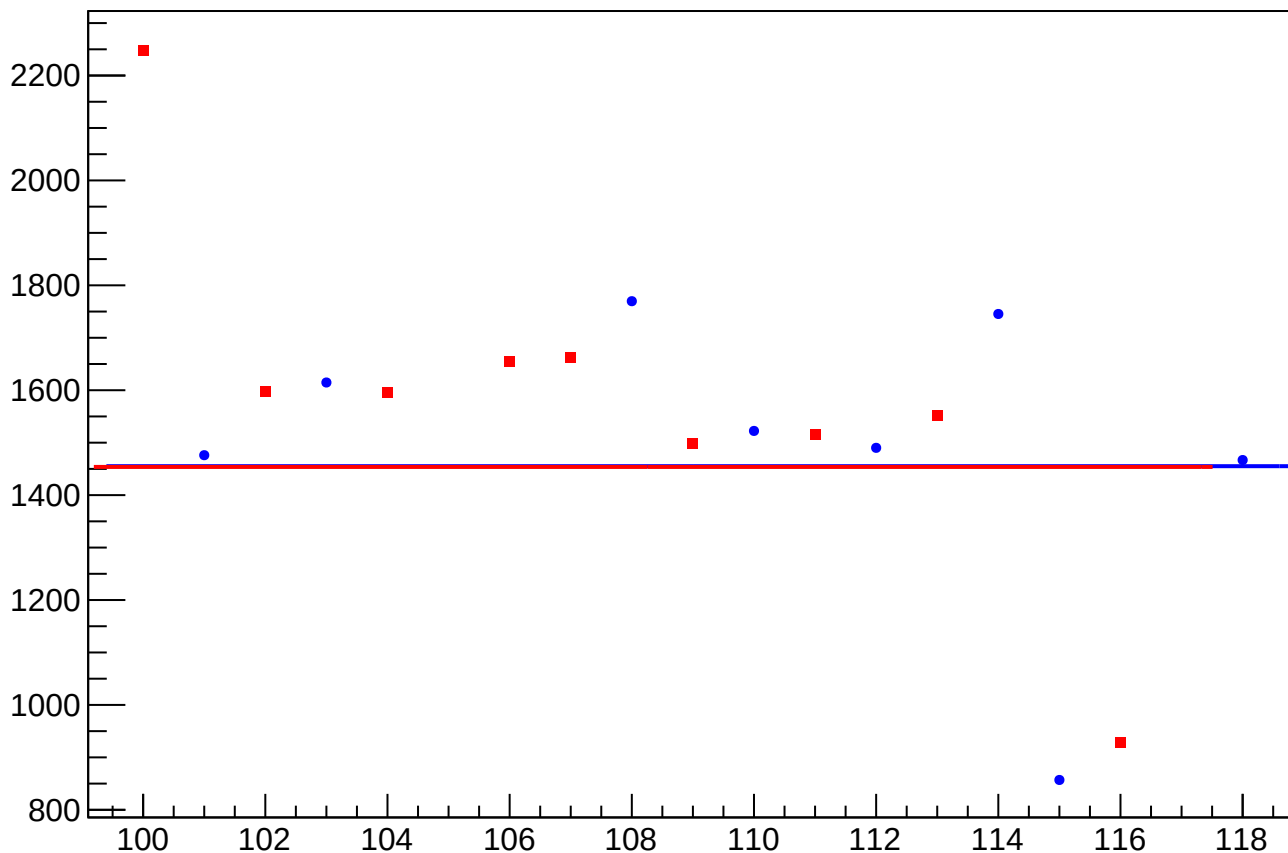
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.295+/-567.501 χ^2/NDF : 12.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1455.185 $\pm$ 0.573 χ^2 /NDF: 183479.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1453.771 $\pm$ 0.562 χ^2 /NDF: 221971.1/8

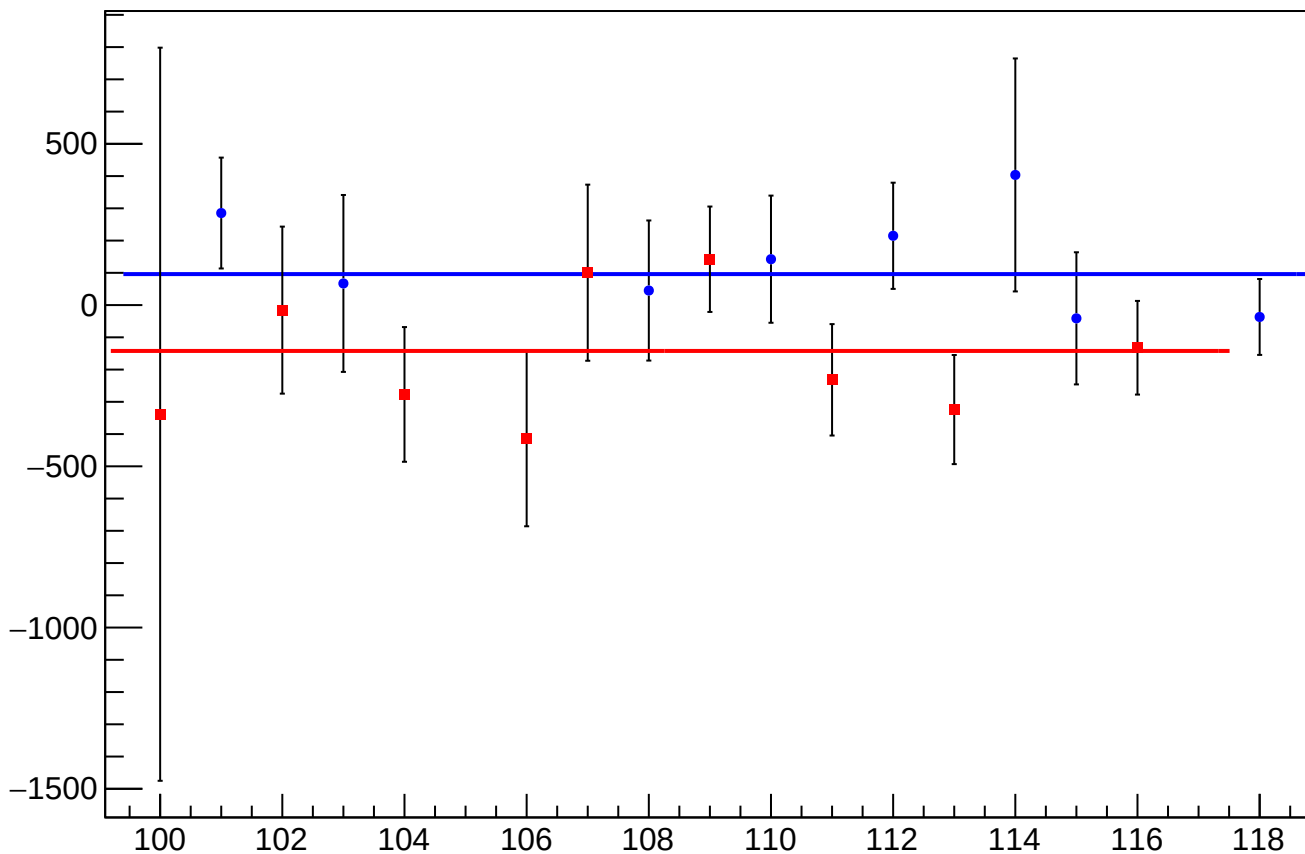
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1454.465 $\pm$ 0.401 χ^2 /NDF: 405453.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 96.092 $\pm$ 65.288 χ^2 /NDF: 4.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -142.215 $\pm$ 67.603 χ^2 /NDF: 6.9/8

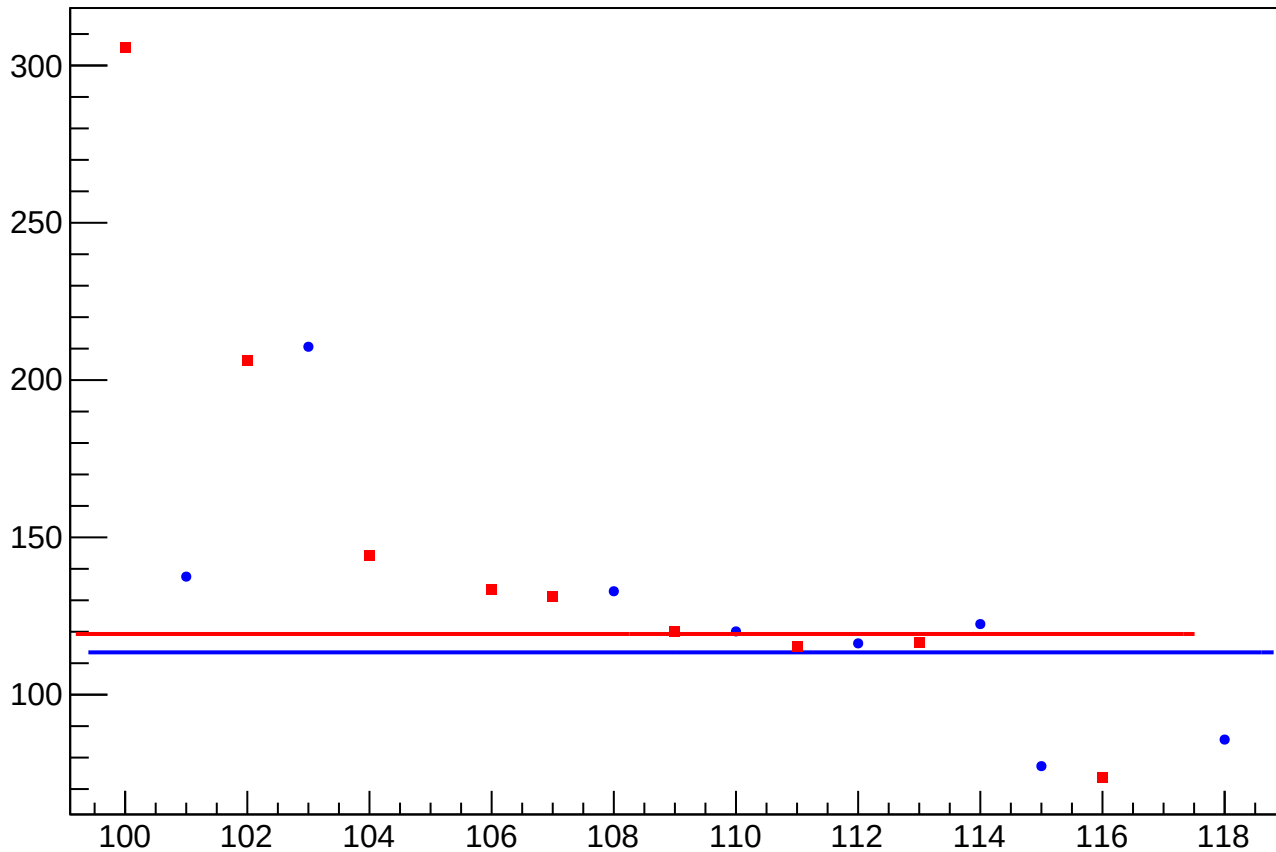
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.911 $\pm$ 46.963 χ^2 /NDF: 17.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 113.447 $\pm$ 0.046 χ^2 /NDF: 483457.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.293 $\pm$ 0.048 χ^2 /NDF: 516153.4/8

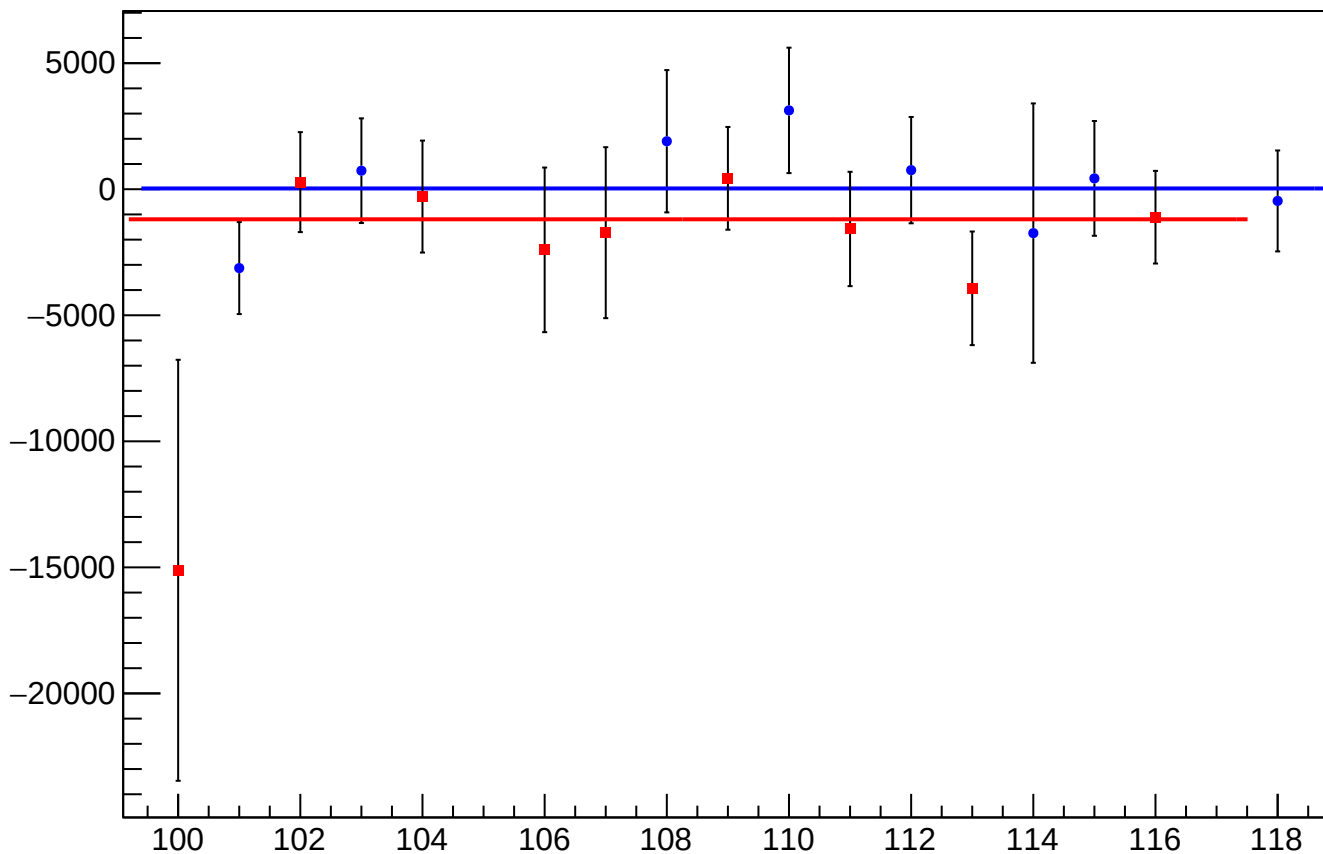
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.269 $\pm$ 0.033 χ^2 /NDF: 1007349.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



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: -1192.988+/-795.428 χ^2/NDF : 5.8/8

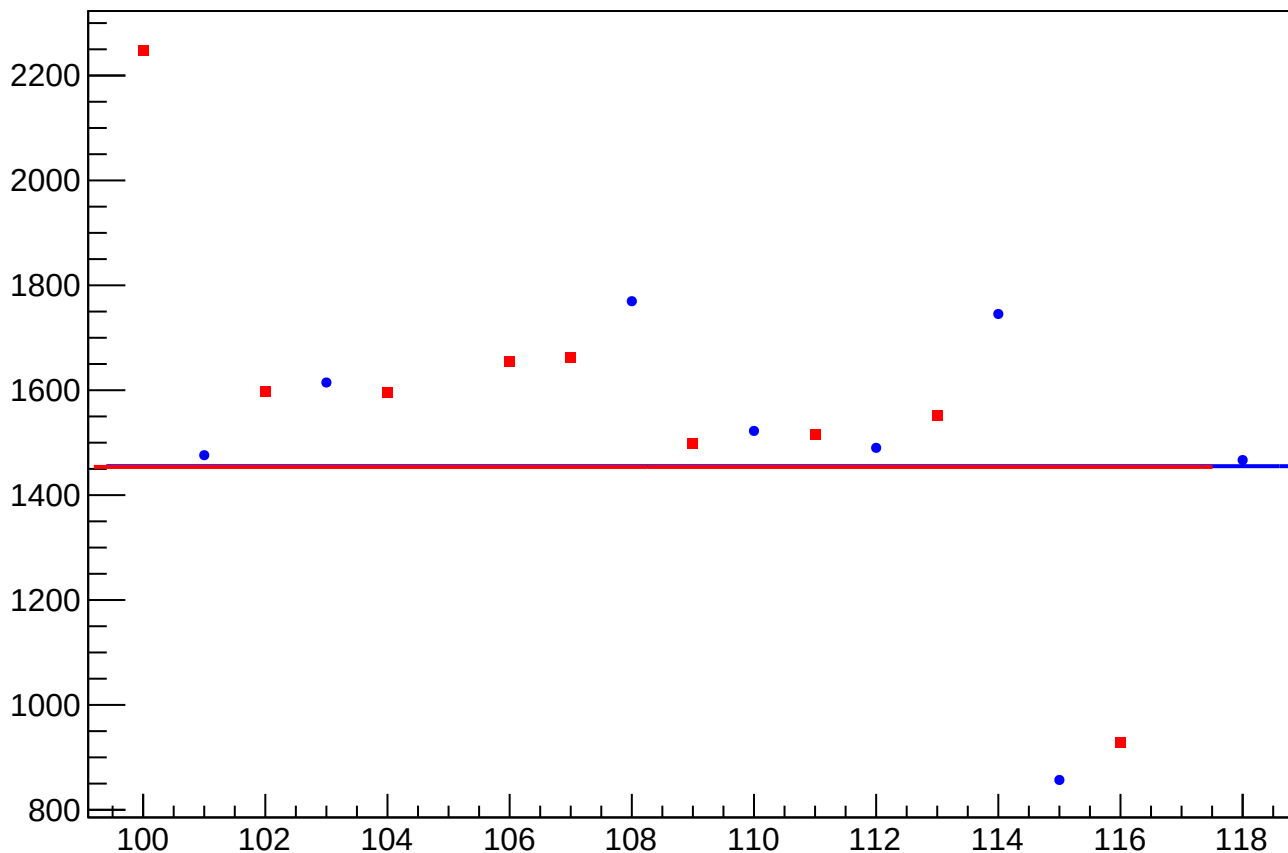
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -592.295+/-567.501 χ^2/NDF : 12.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1455.185 $\pm$ 0.573 χ^2 /NDF: 183479.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1453.771 $\pm$ 0.562 χ^2 /NDF: 221971.1/8

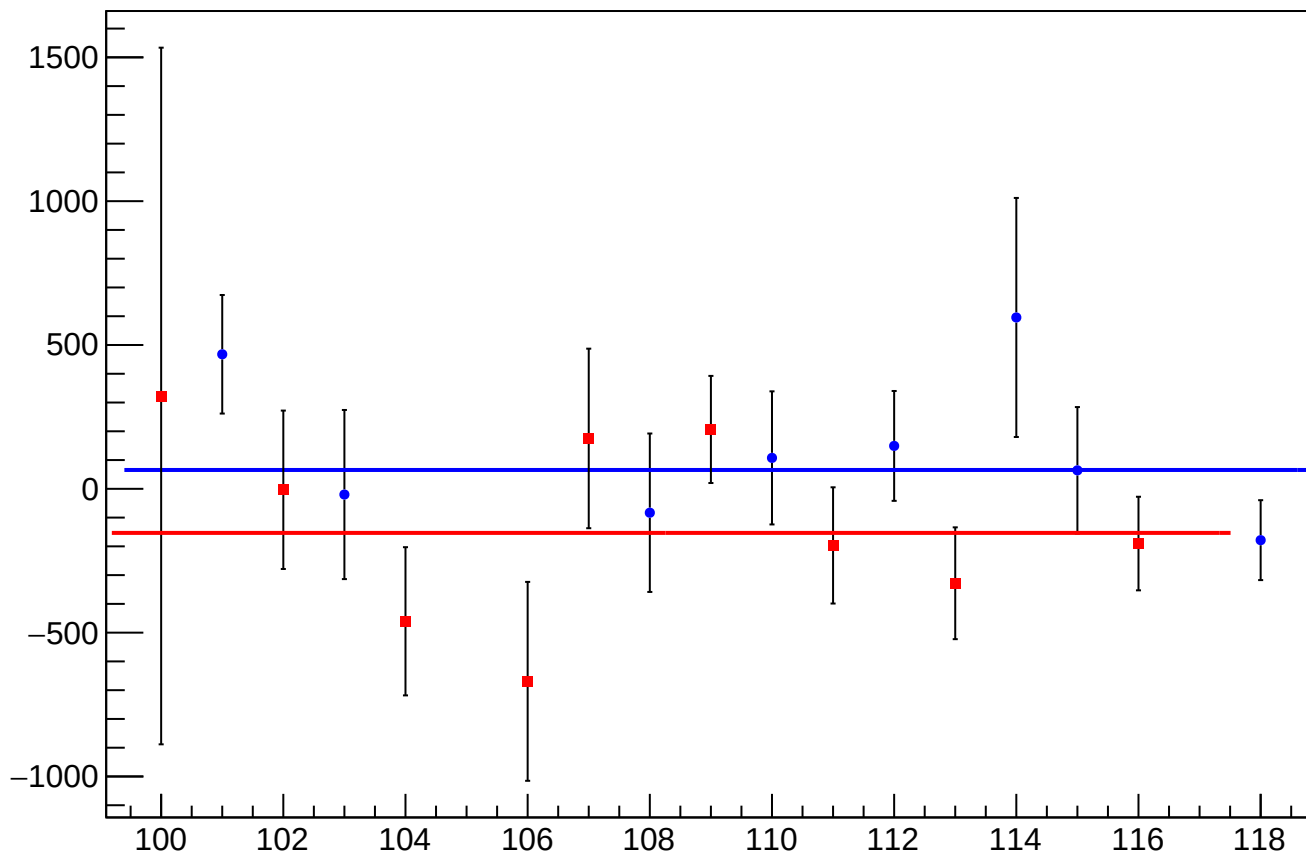
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1454.465 $\pm$ 0.401 χ^2 /NDF: 405453.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



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: -153.239 ± 77.806 χ^2/NDF : 9.8/8

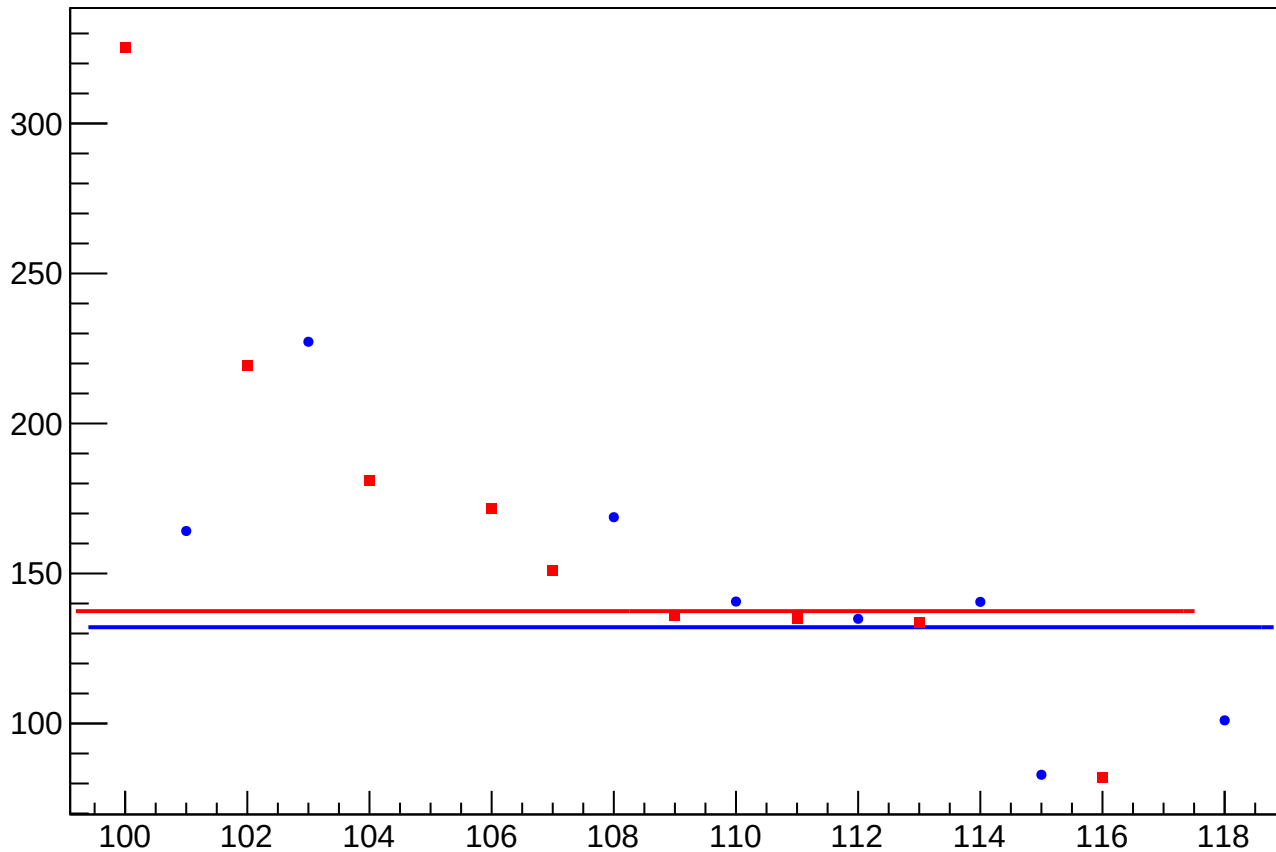
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.420 ± 54.401 χ^2/NDF : 23.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 132.087 $\pm$ 0.054 χ^2 /NDF: 497357.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 137.444 $\pm$ 0.055 χ^2 /NDF: 539152.2/8

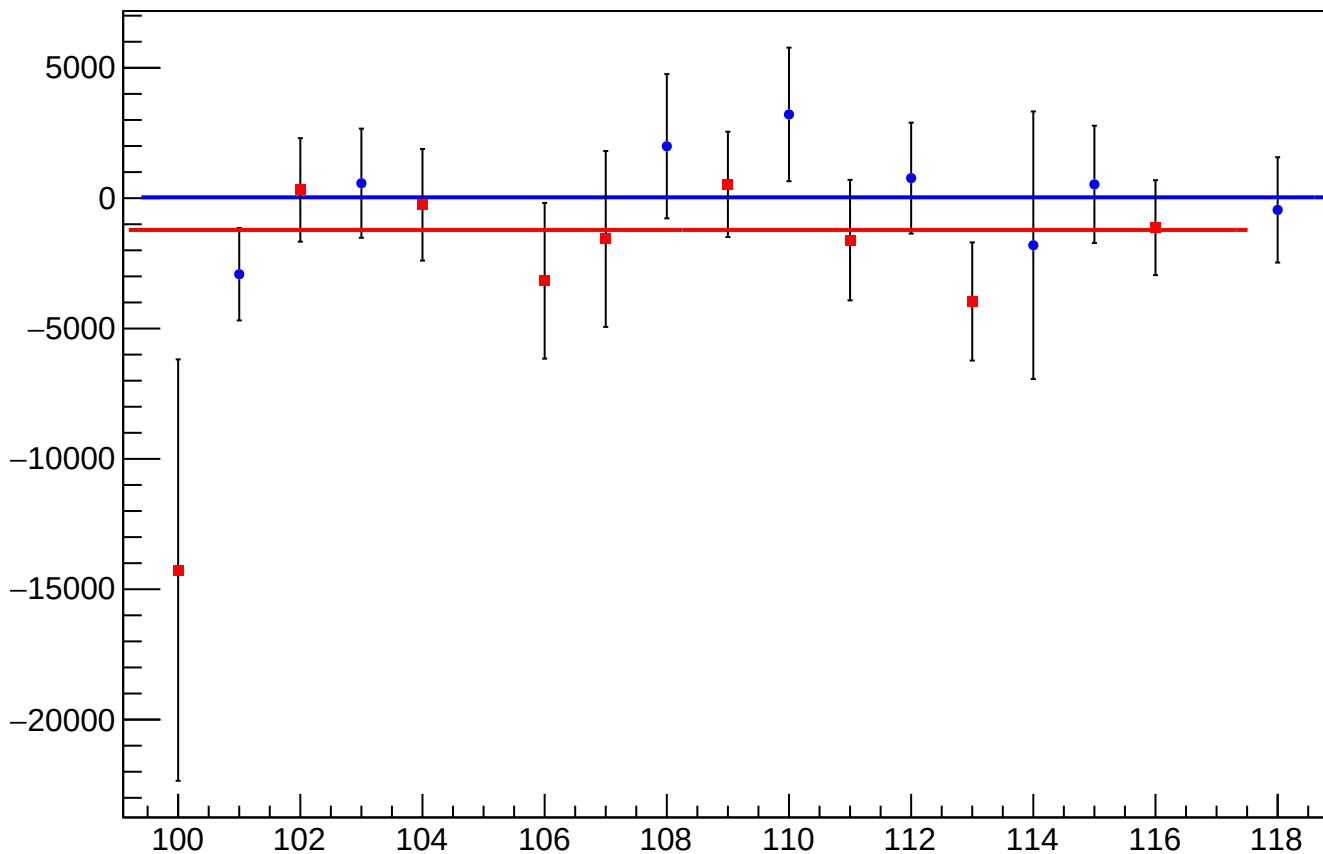
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.706 $\pm$ 0.038 χ^2 /NDF: 1041356.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



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: -1218.932+/-786.709 χ^2 /NDF: 6.1/8

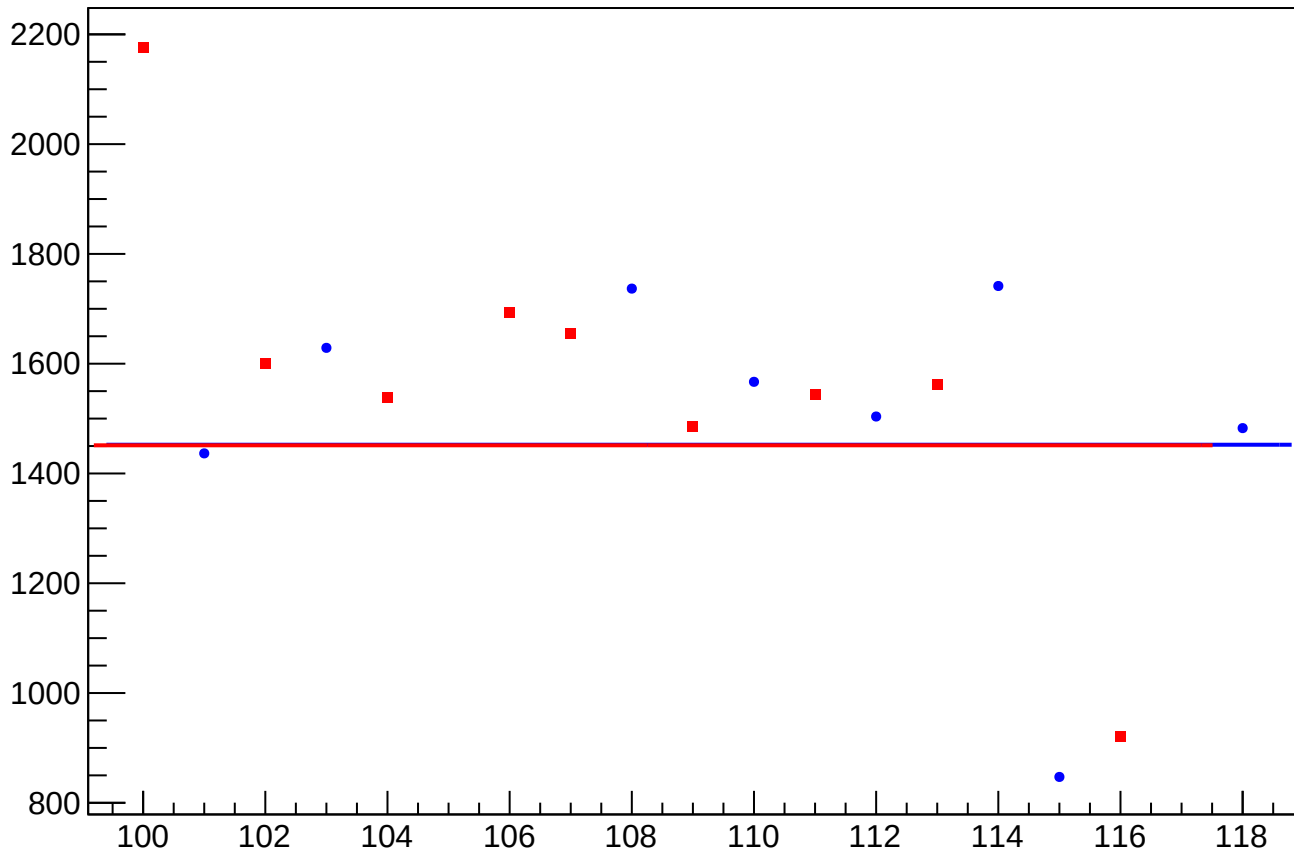
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -610.055+/-563.769 χ^2 /NDF: 12.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



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: 1451.324+/-0.556 χ^2/NDF : 229445.3/8

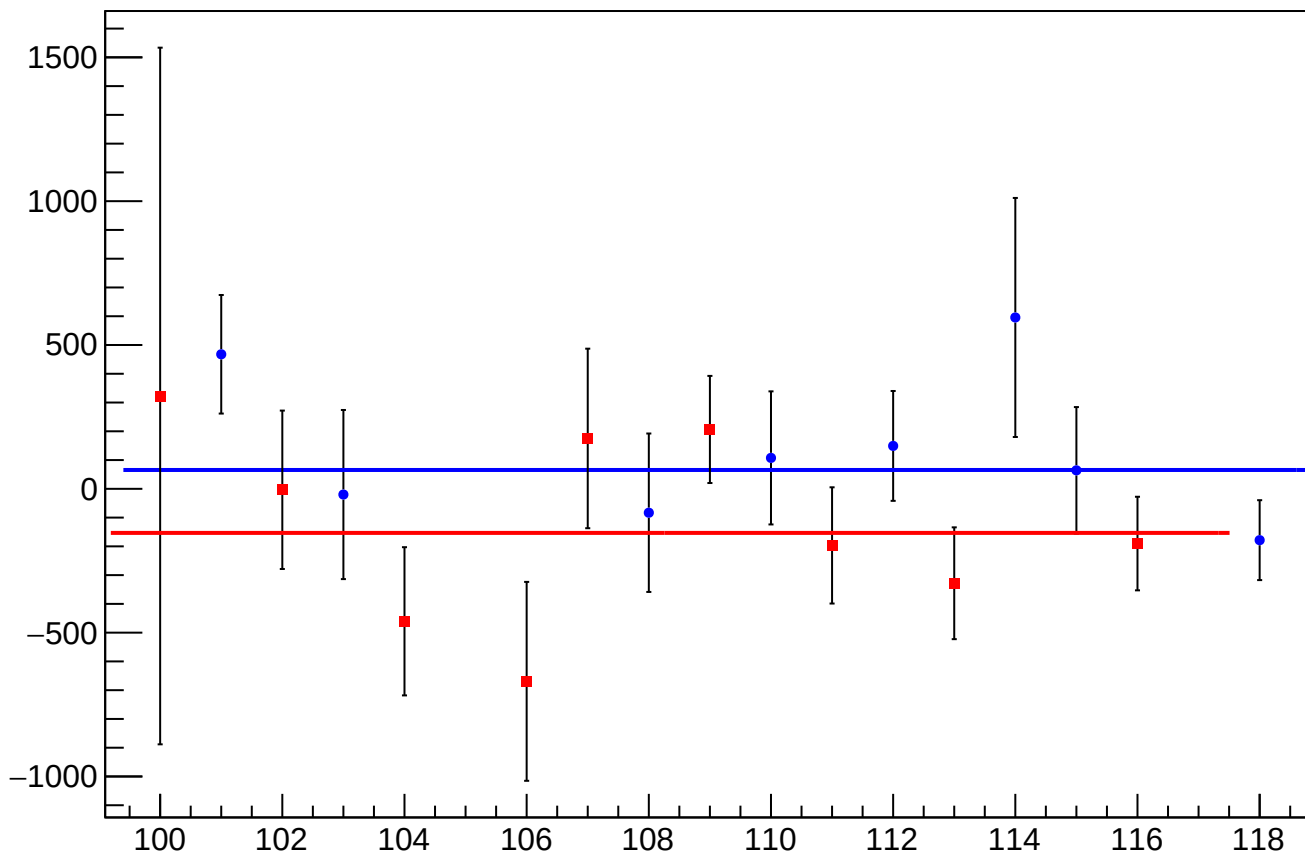
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.829+/-0.399 χ^2/NDF : 421748.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_mean vs Slug



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: -153.236+/-77.806 χ^2/NDF : 9.8/8

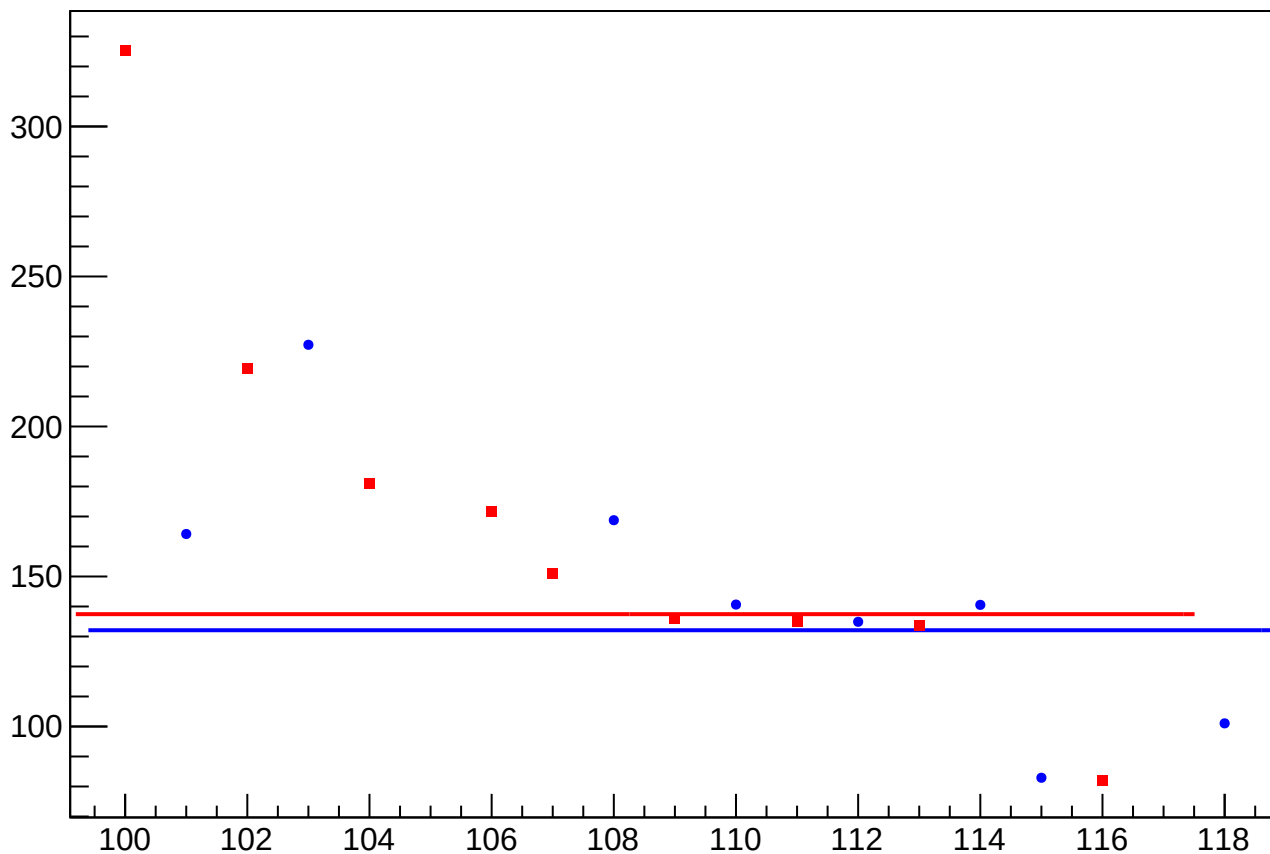
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.419+/-54.400 χ^2/NDF : 23.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



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: 137.444+/-0.055 χ^2/NDF : 539151.6/8

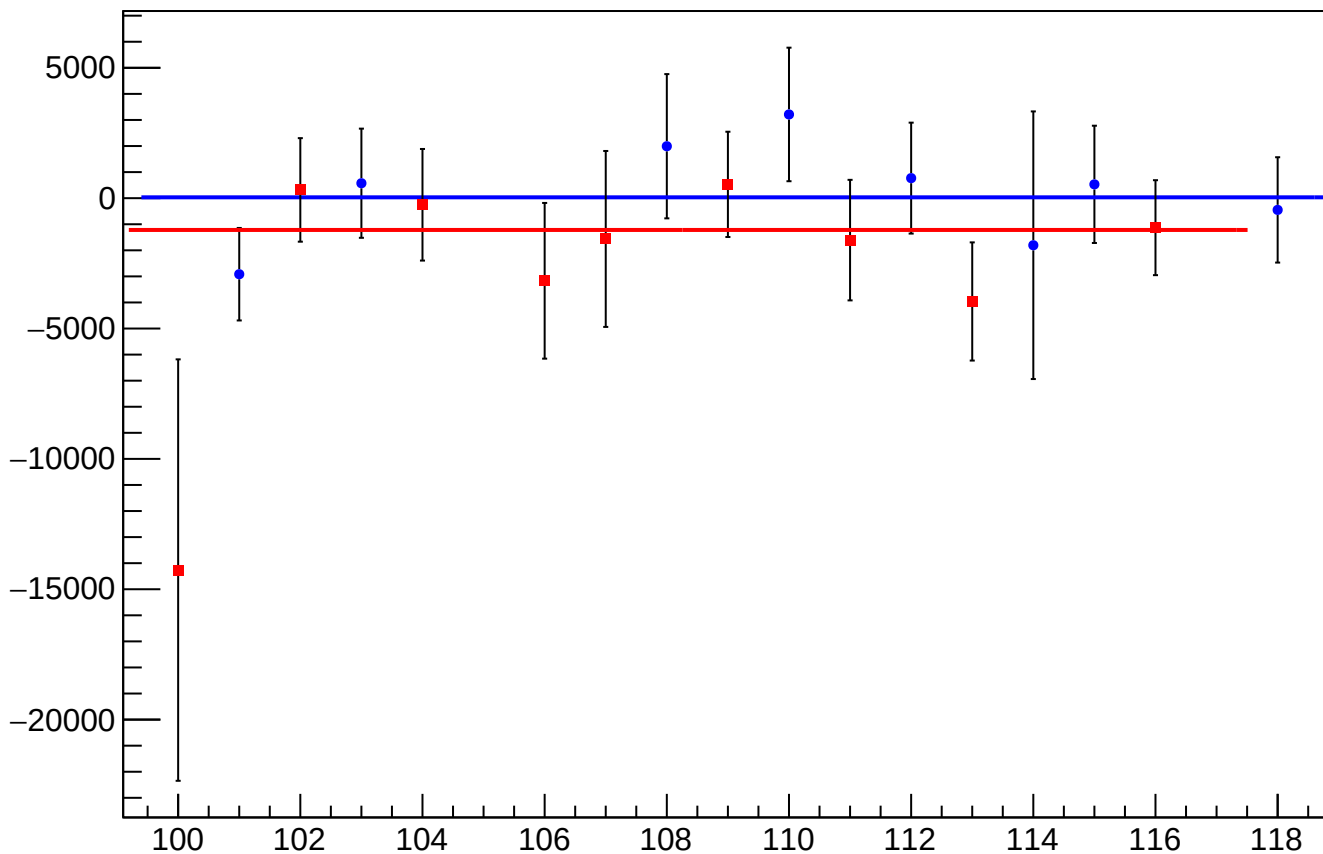
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.706+/-0.038 χ^2/NDF : 1041353.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



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: -1218.930+/-786.707 χ^2 /NDF: 6.1/8

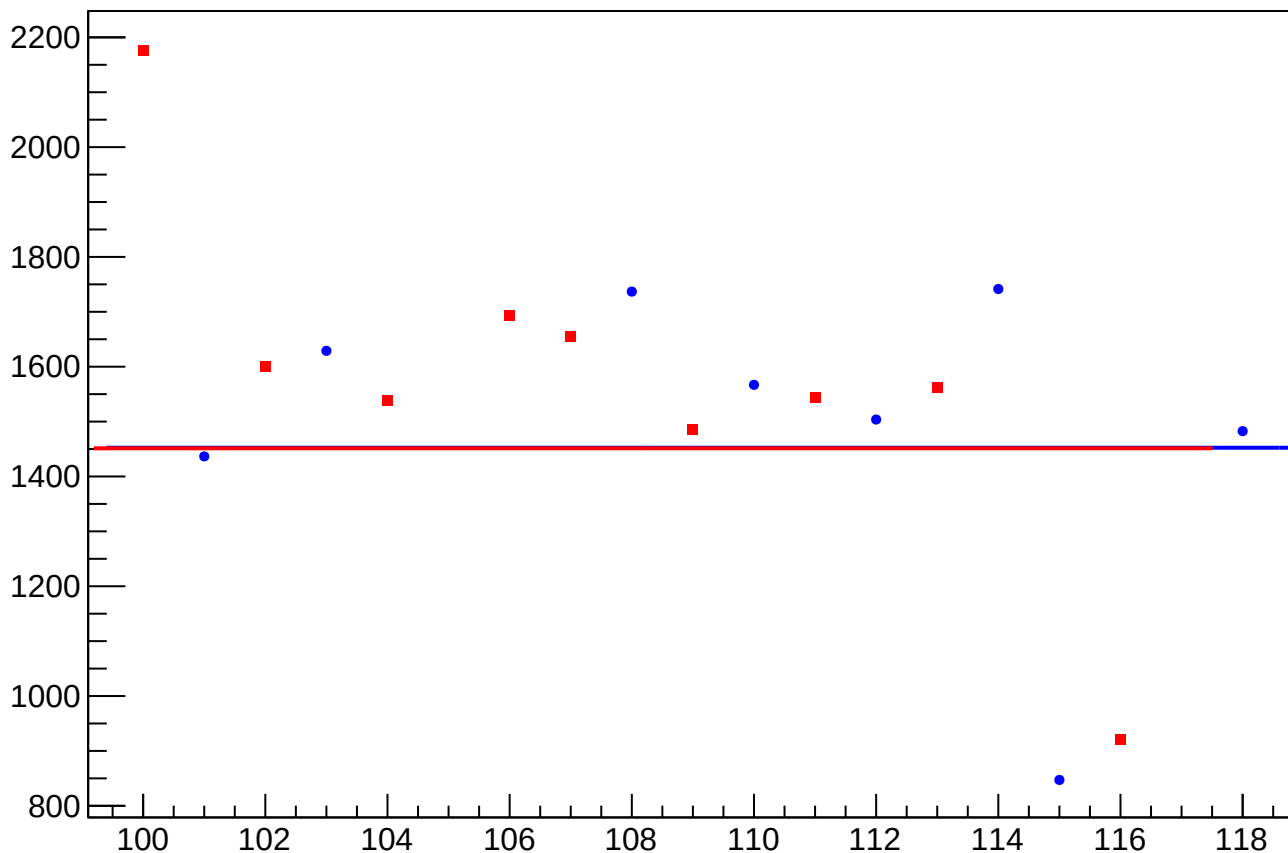
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -610.053+/-563.768 χ^2 /NDF: 12.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1452.358 $\pm$ 0.572 χ^2 /NDF: 192297.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1451.321 $\pm$ 0.556 χ^2 /NDF: 229441.8/8

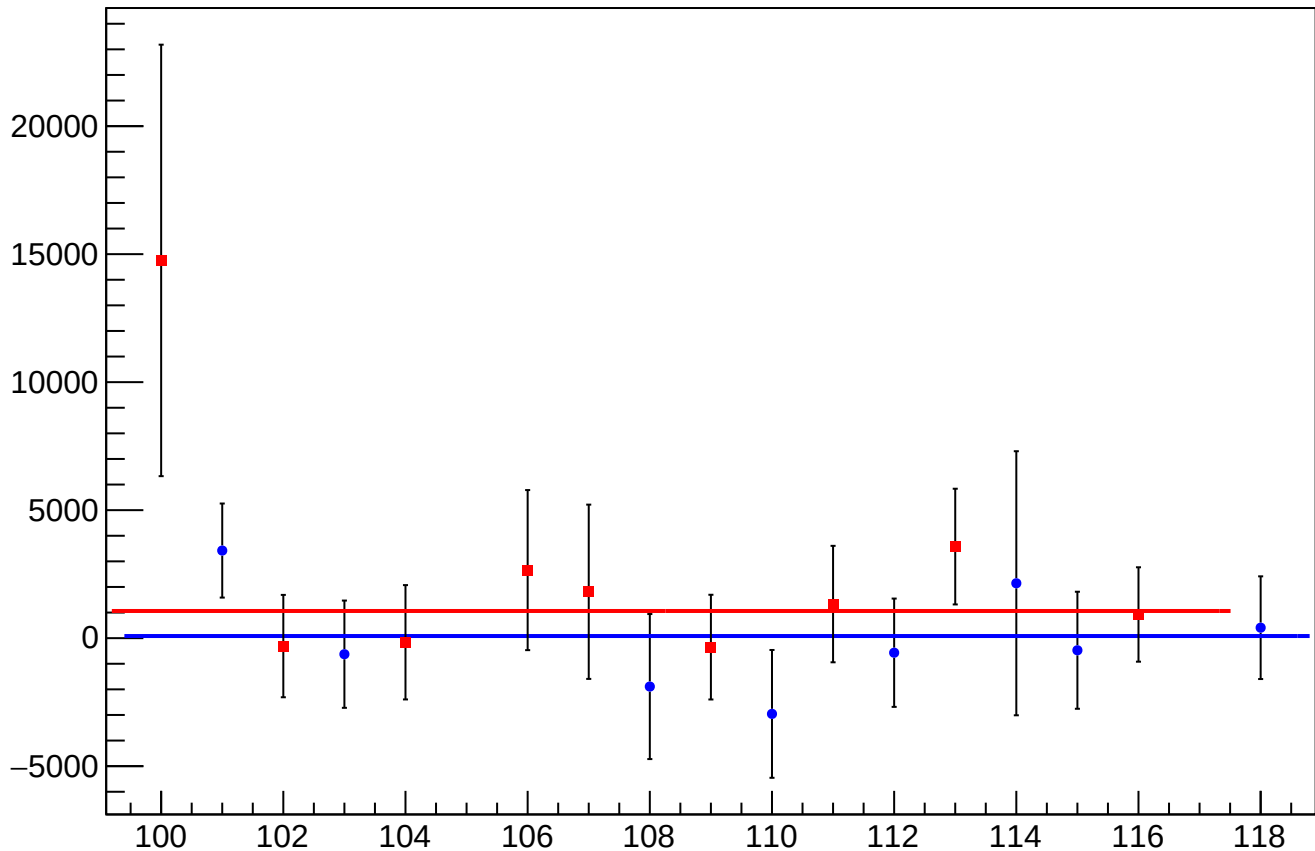
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1451.825 $\pm$ 0.399 χ^2 /NDF: 421741.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



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: 1061.492+/-796.615 χ^2/NDF : 5.5/8

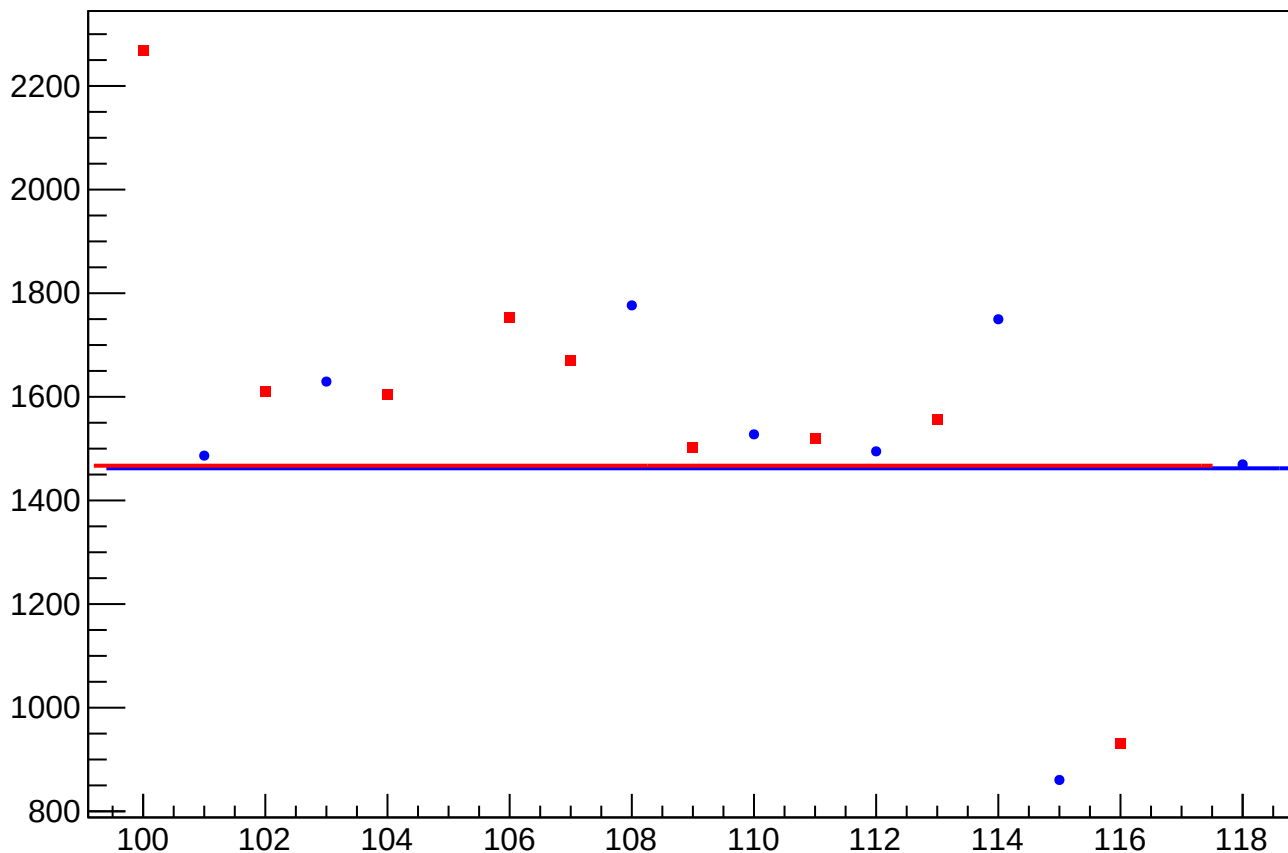
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 582.734+/-569.250 χ^2/NDF : 11.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_rms vs Slug



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: 1467.079+/-0.563 χ^2/NDF : 233611.8/8

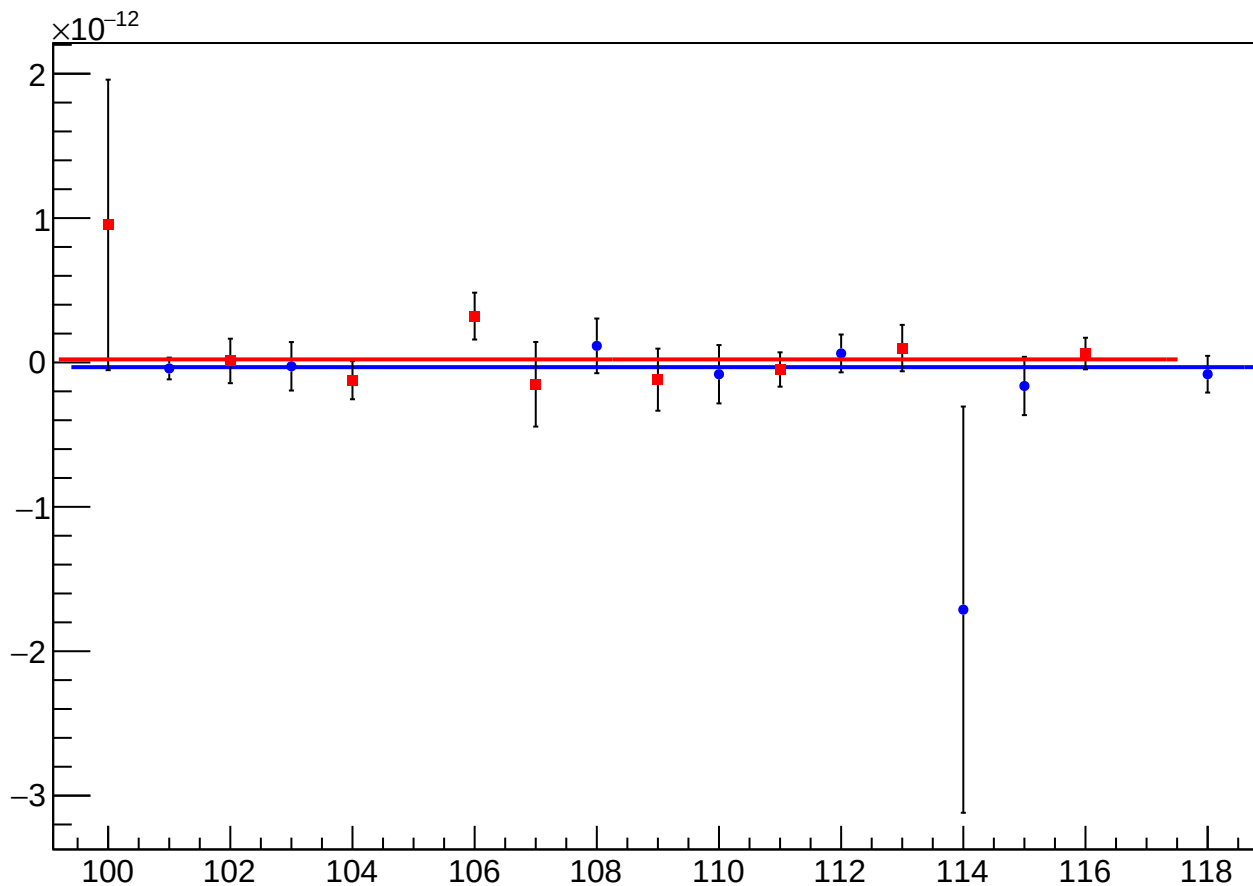
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1464.613+/-0.403 χ^2/NDF : 418020.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug



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: 7.0/8

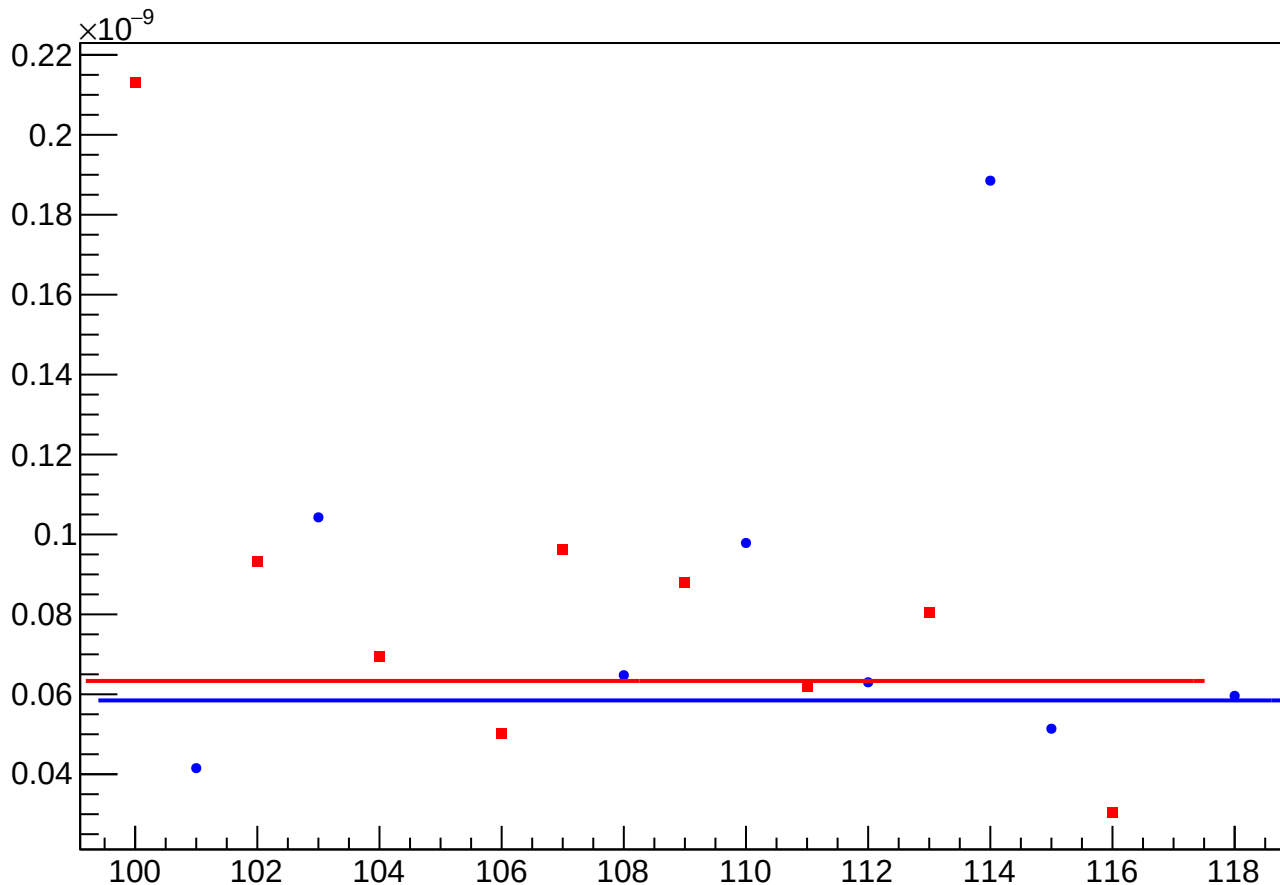
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 350901.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 392571.6/8

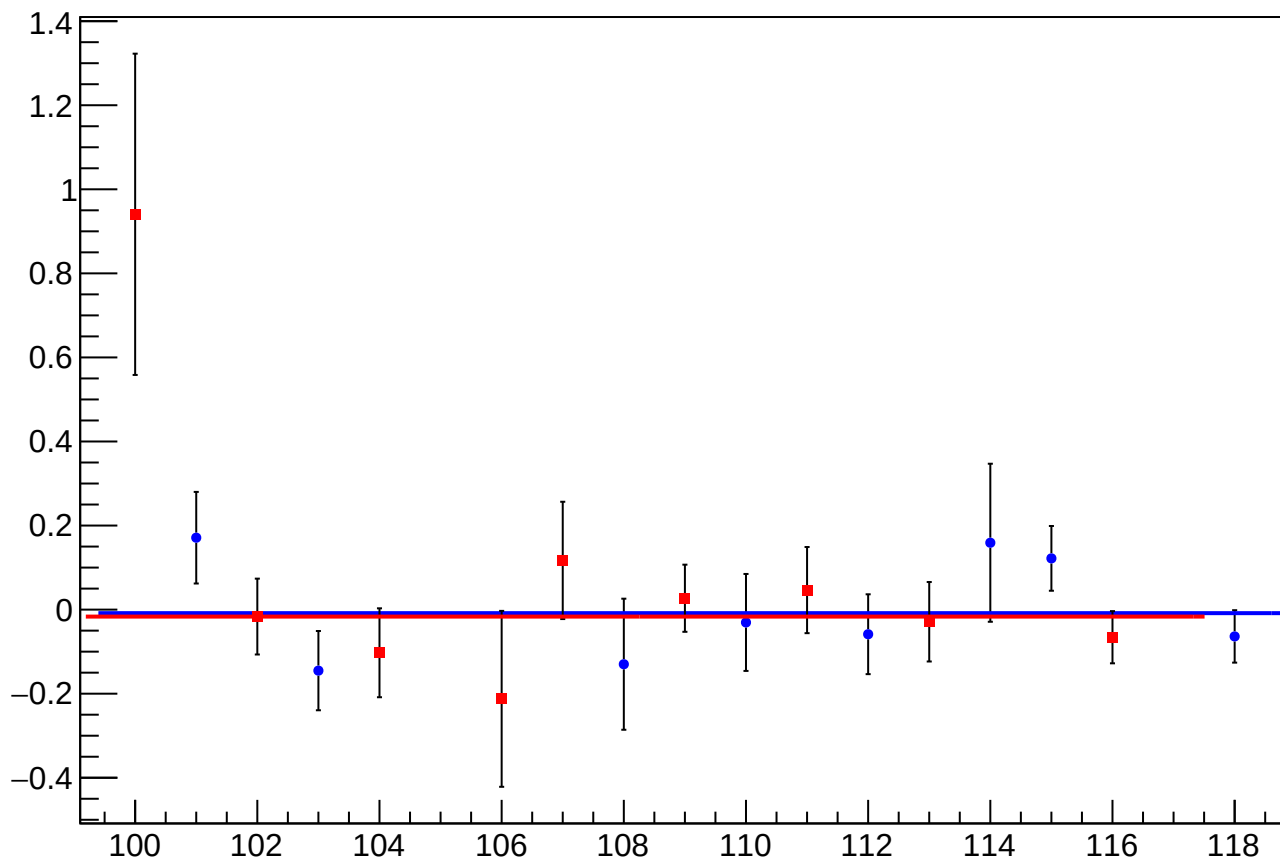
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 752653.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.033 χ^2 /NDF: 10.0/8

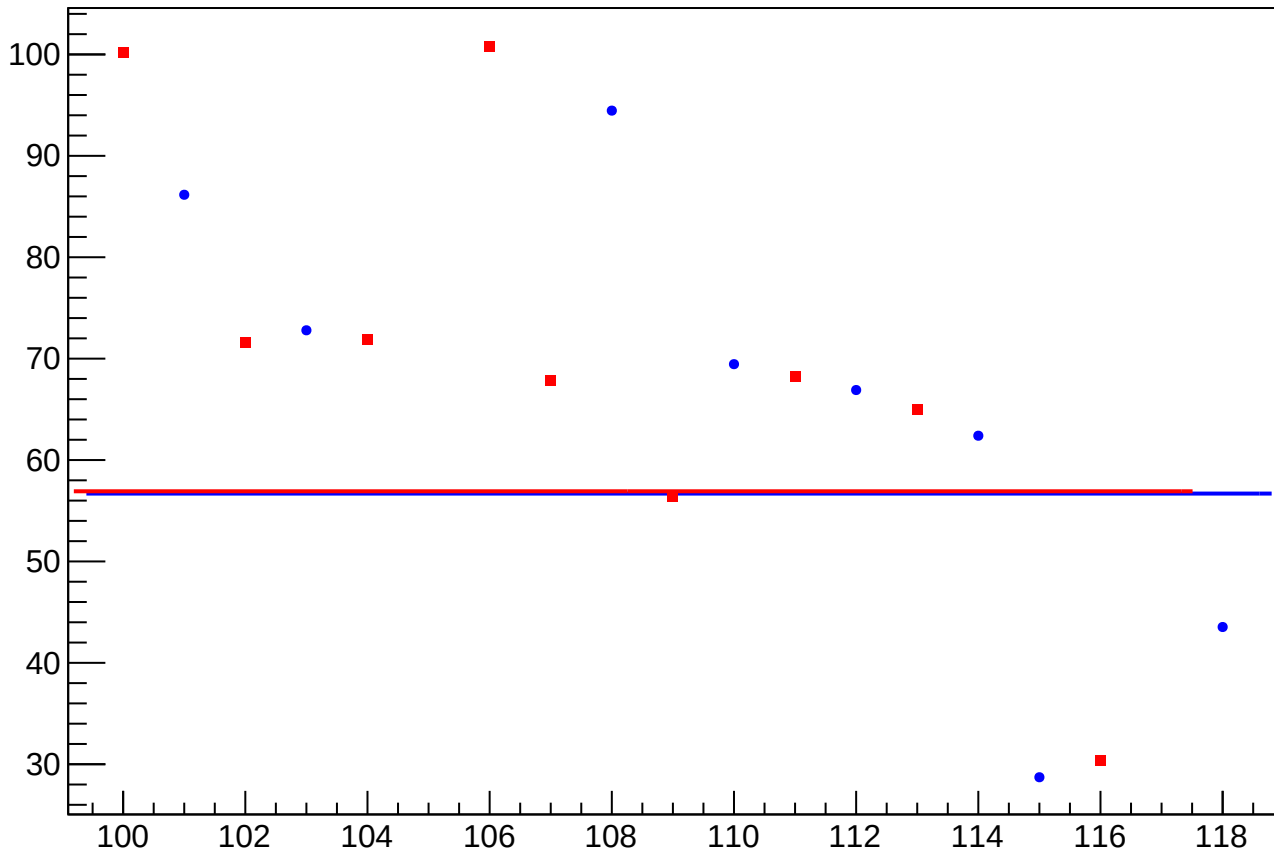
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.024 χ^2 /NDF: 20.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



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: 56.919+/-0.023 χ^2/NDF : 623428.6/8

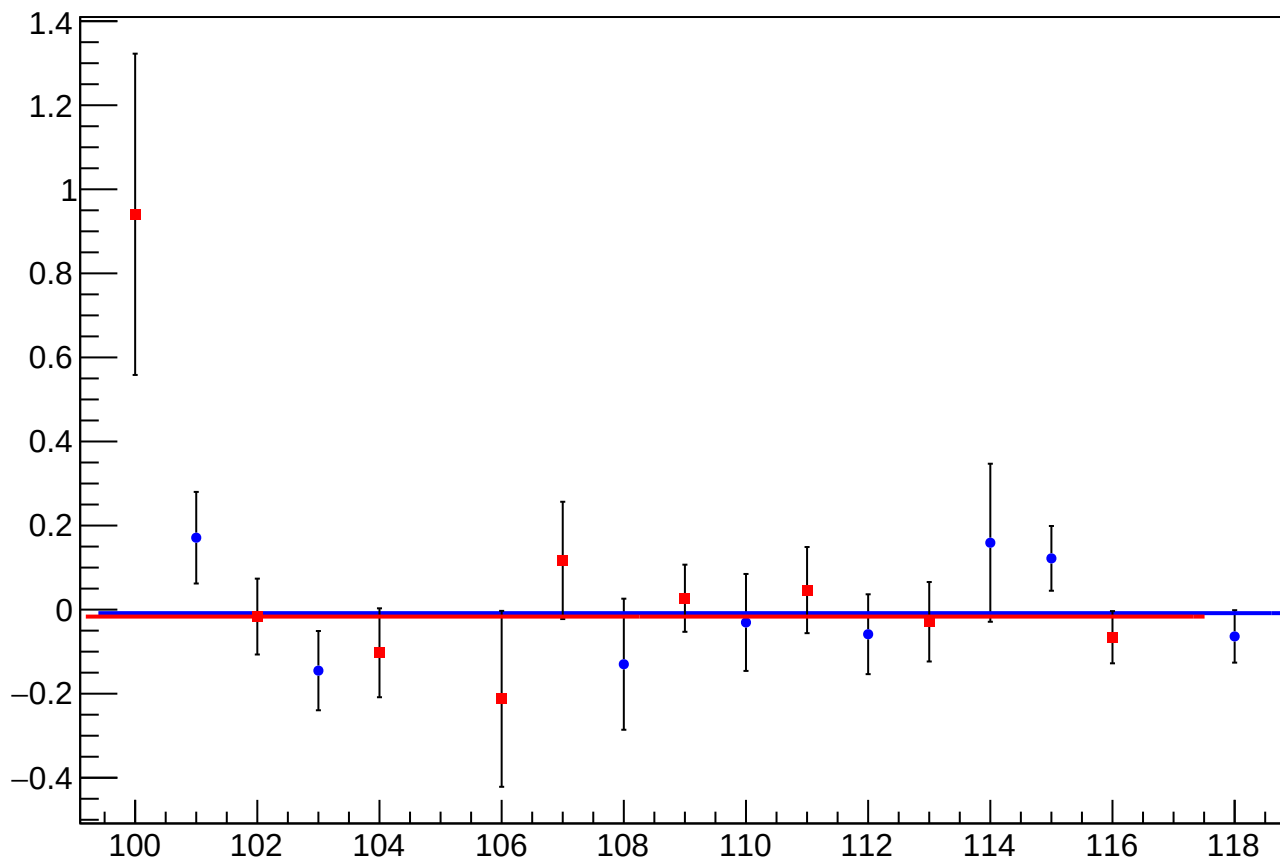
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.808+/-0.017 χ^2/NDF : 1347765.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 ± 0.034 χ^2/NDF : 10.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.033 χ^2/NDF : 10.0/8

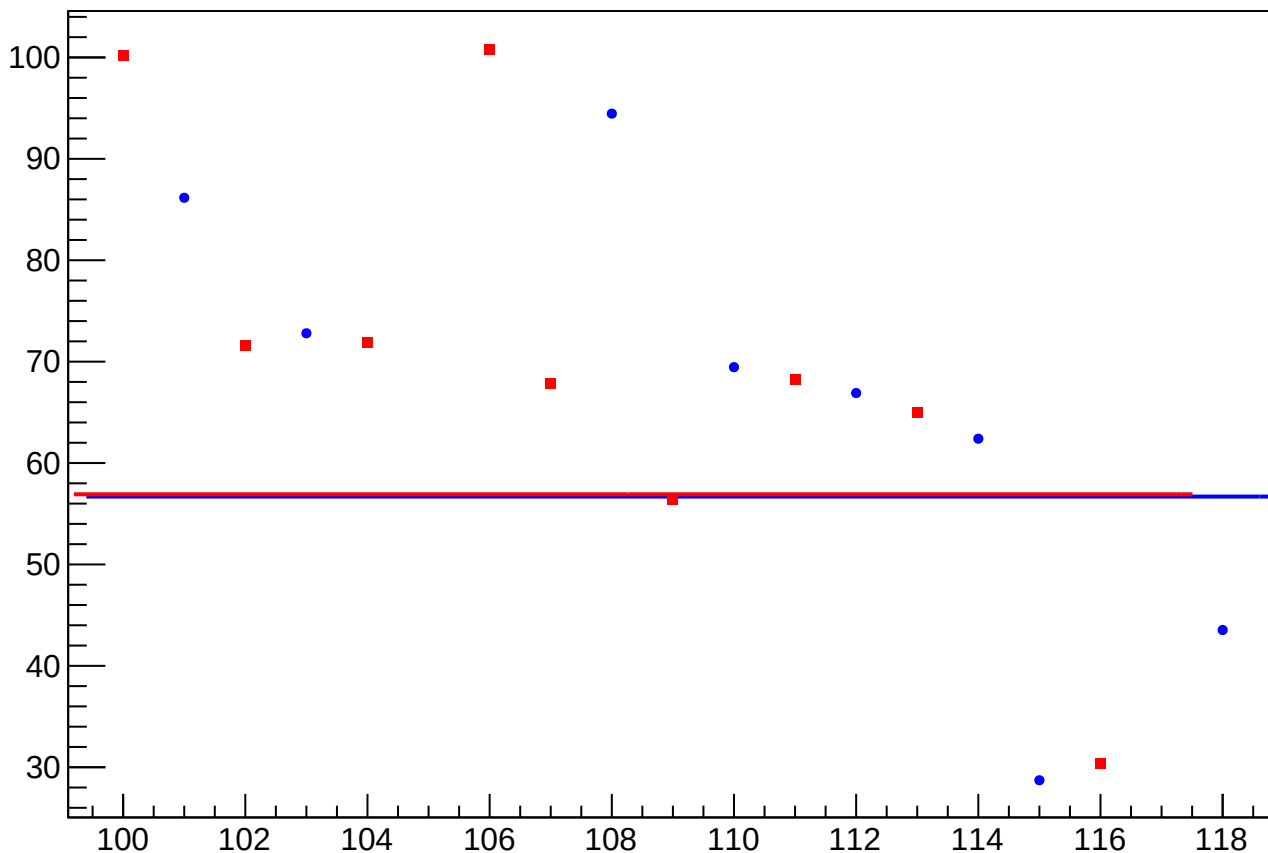
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.024 χ^2/NDF : 20.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 56.919+/-0.023 χ^2/NDF : 623428.6/8

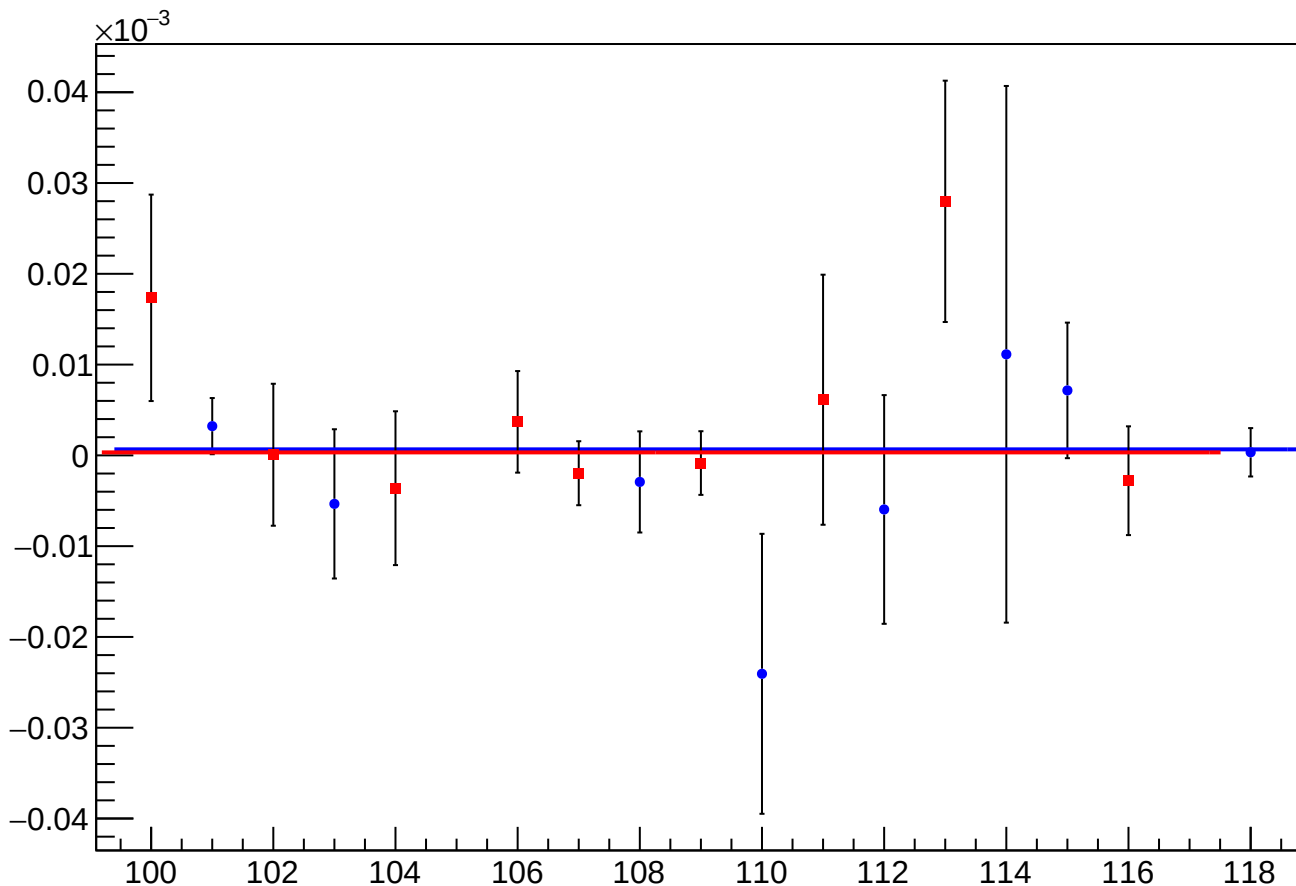
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.808+/-0.017 χ^2/NDF : 1347765.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/8

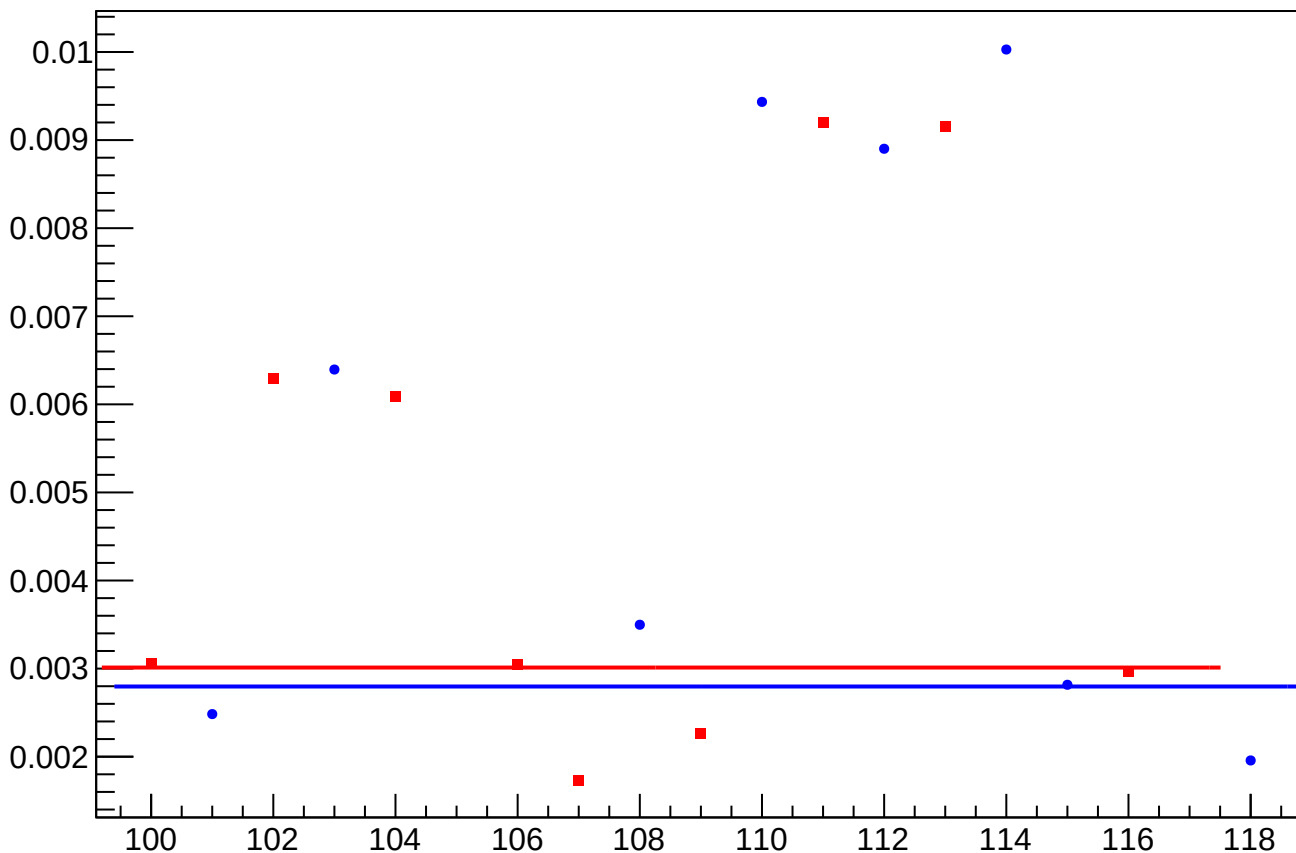
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1803714.6/8

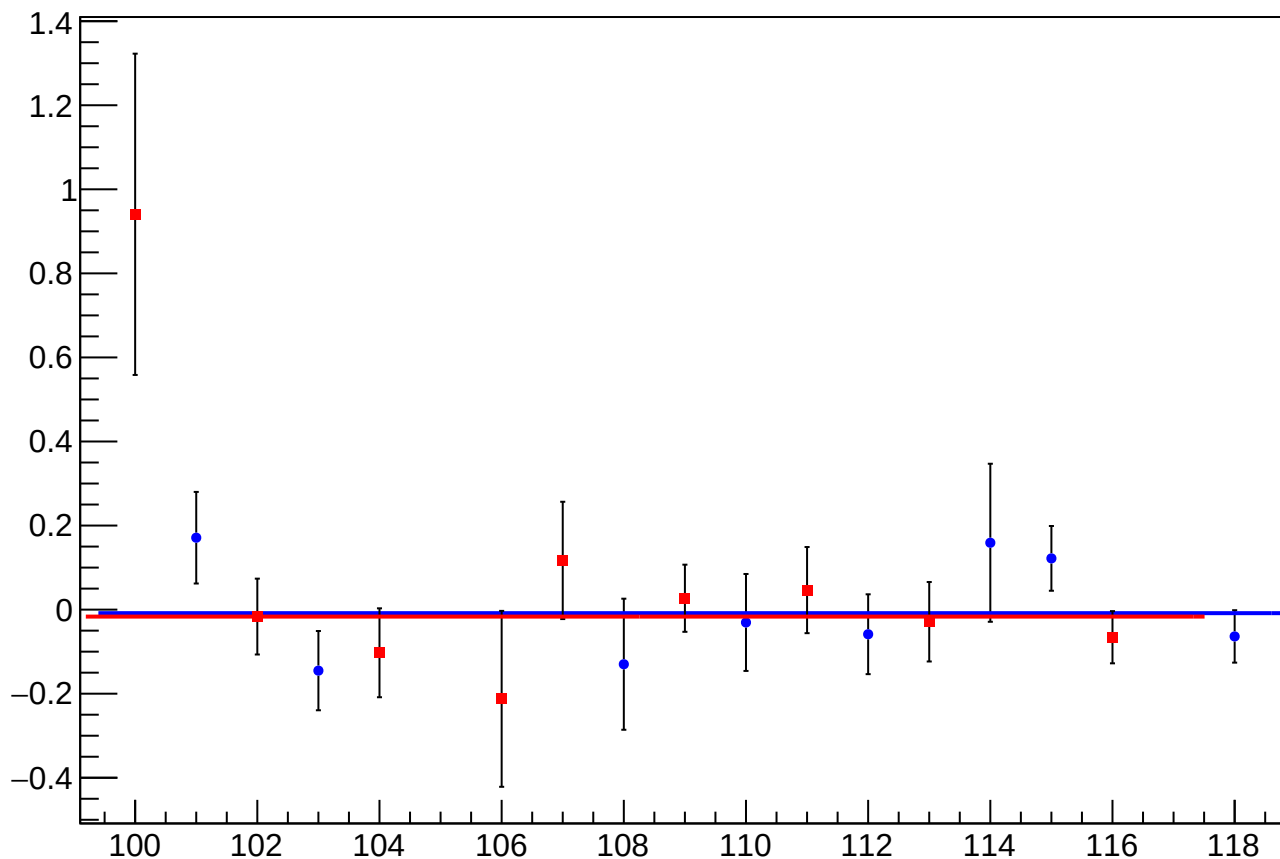
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3411150.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.033 χ^2 /NDF: 10.0/8

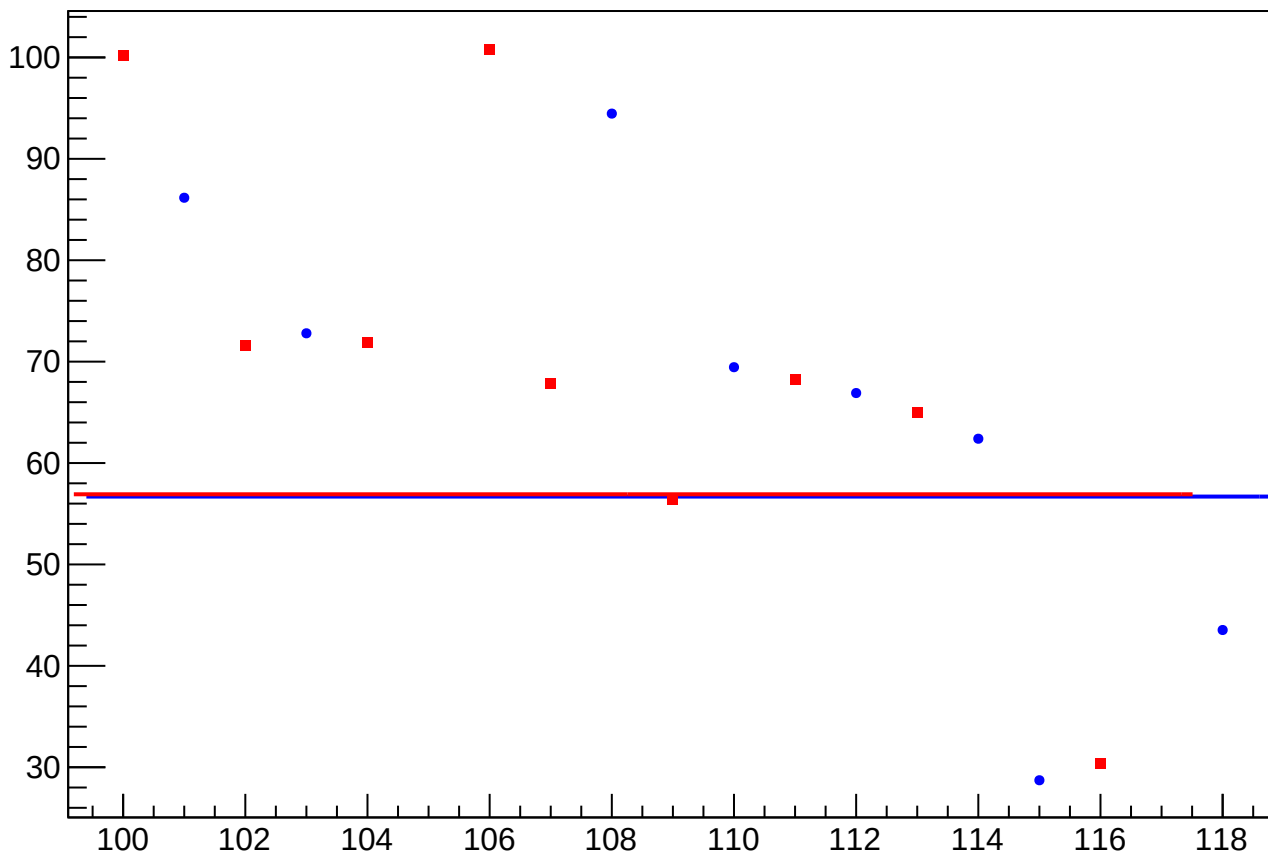
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.024 χ^2 /NDF: 20.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 56.693+/-0.024 χ^2/NDF : 724261.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.919+/-0.023 χ^2/NDF : 623401.1/8

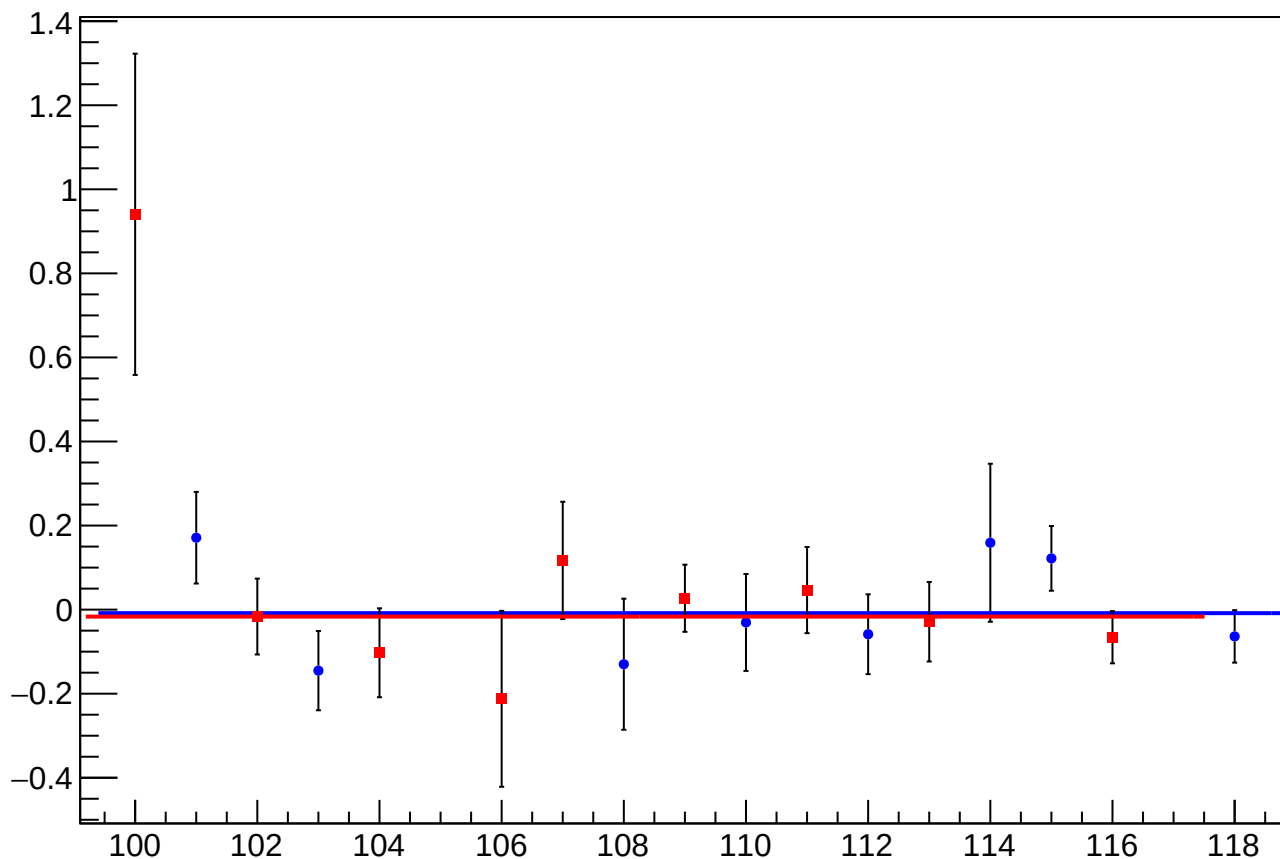
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.808+/-0.017 χ^2/NDF : 1347707.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 ± 0.034 χ^2/NDF : 10.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.033 χ^2/NDF : 10.0/8

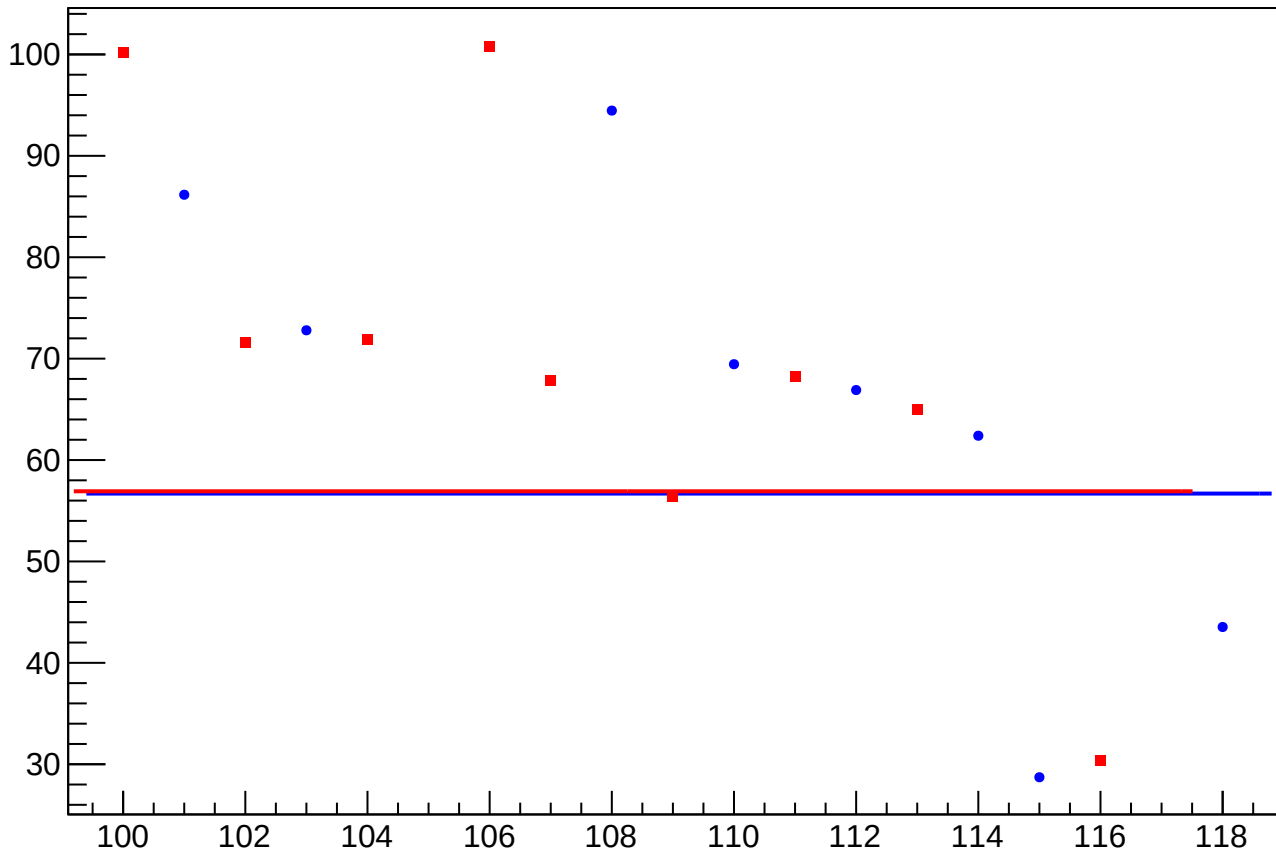
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.024 χ^2/NDF : 20.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 56.919 $\pm$ 0.023 χ^2 /NDF: 623401.1/8

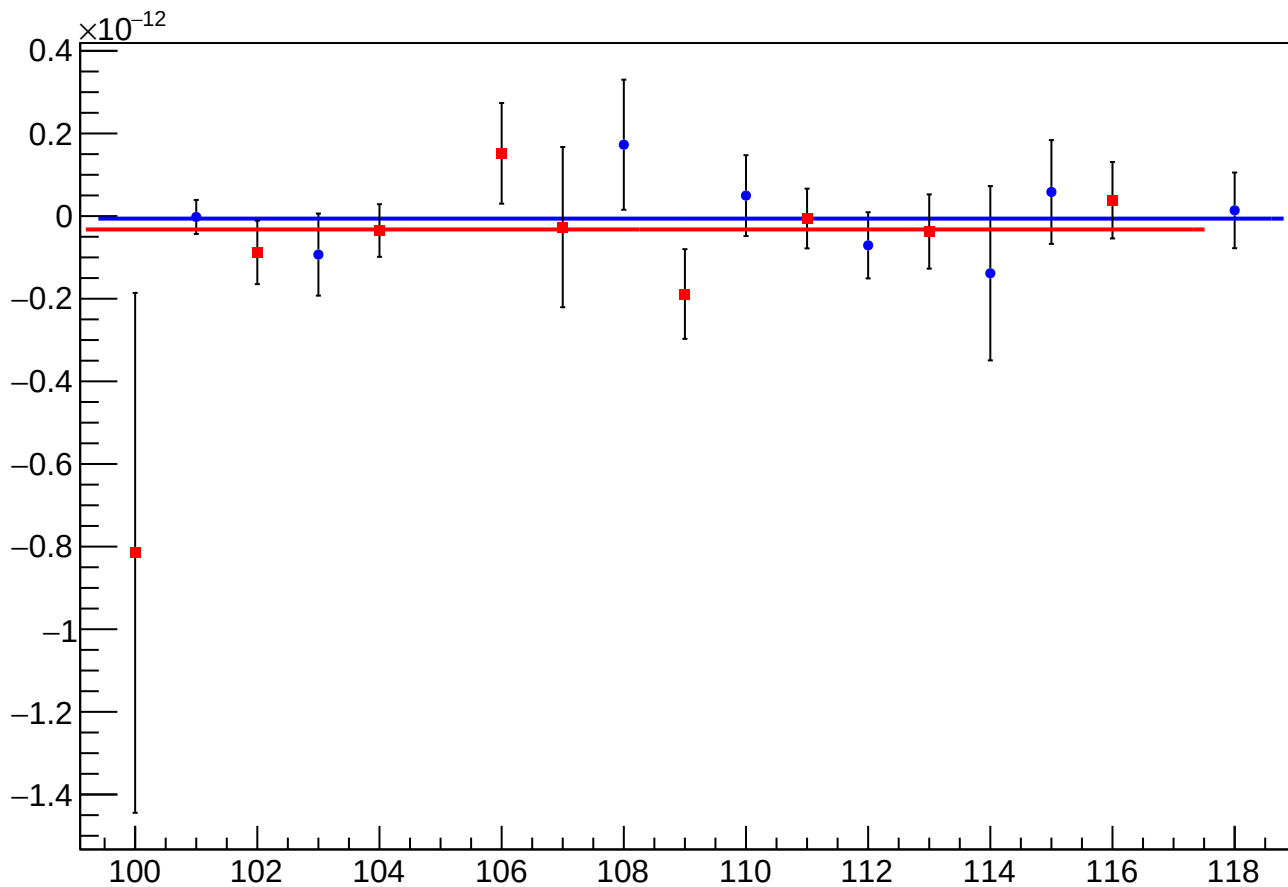
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.808 $\pm$ 0.017 χ^2 /NDF: 1347707.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.2/8

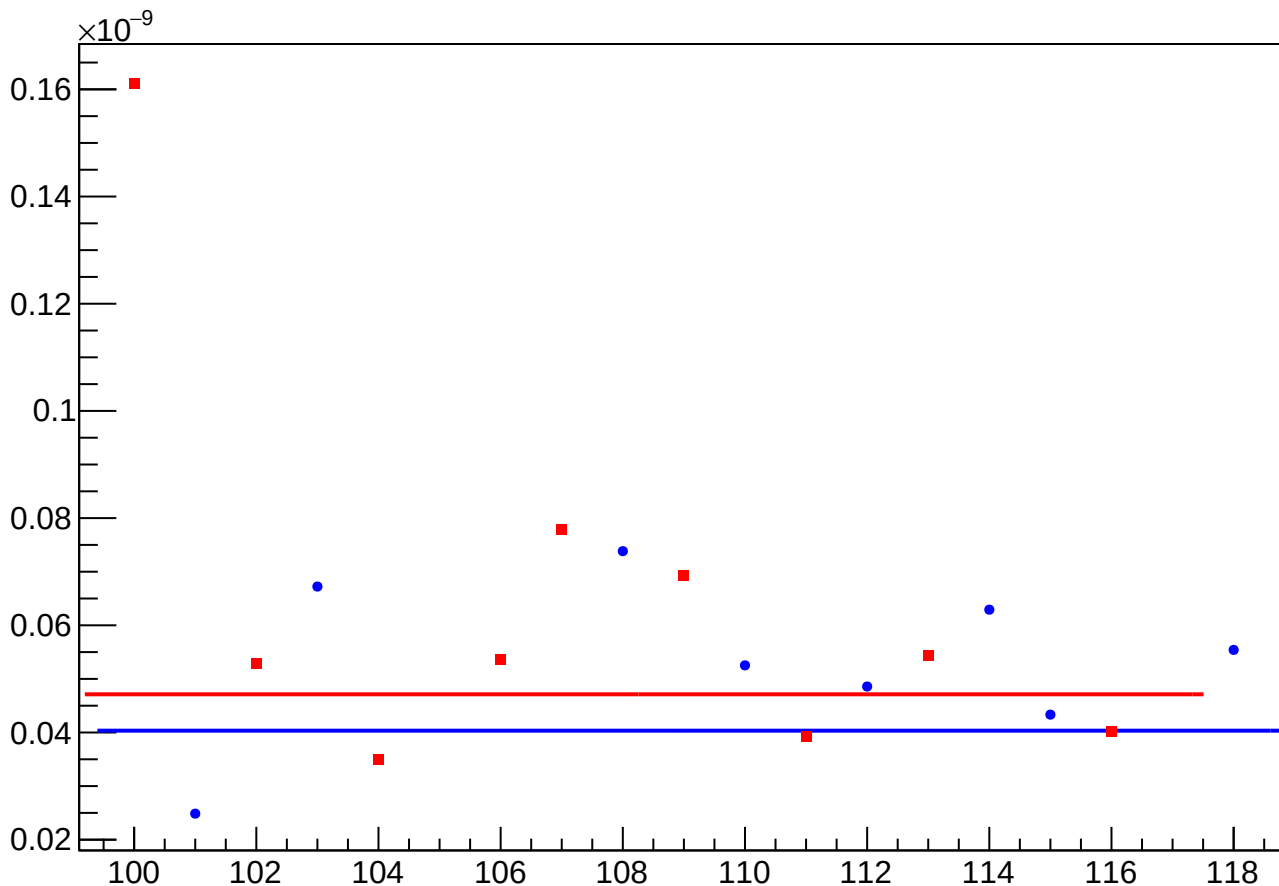
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 337311.6/8

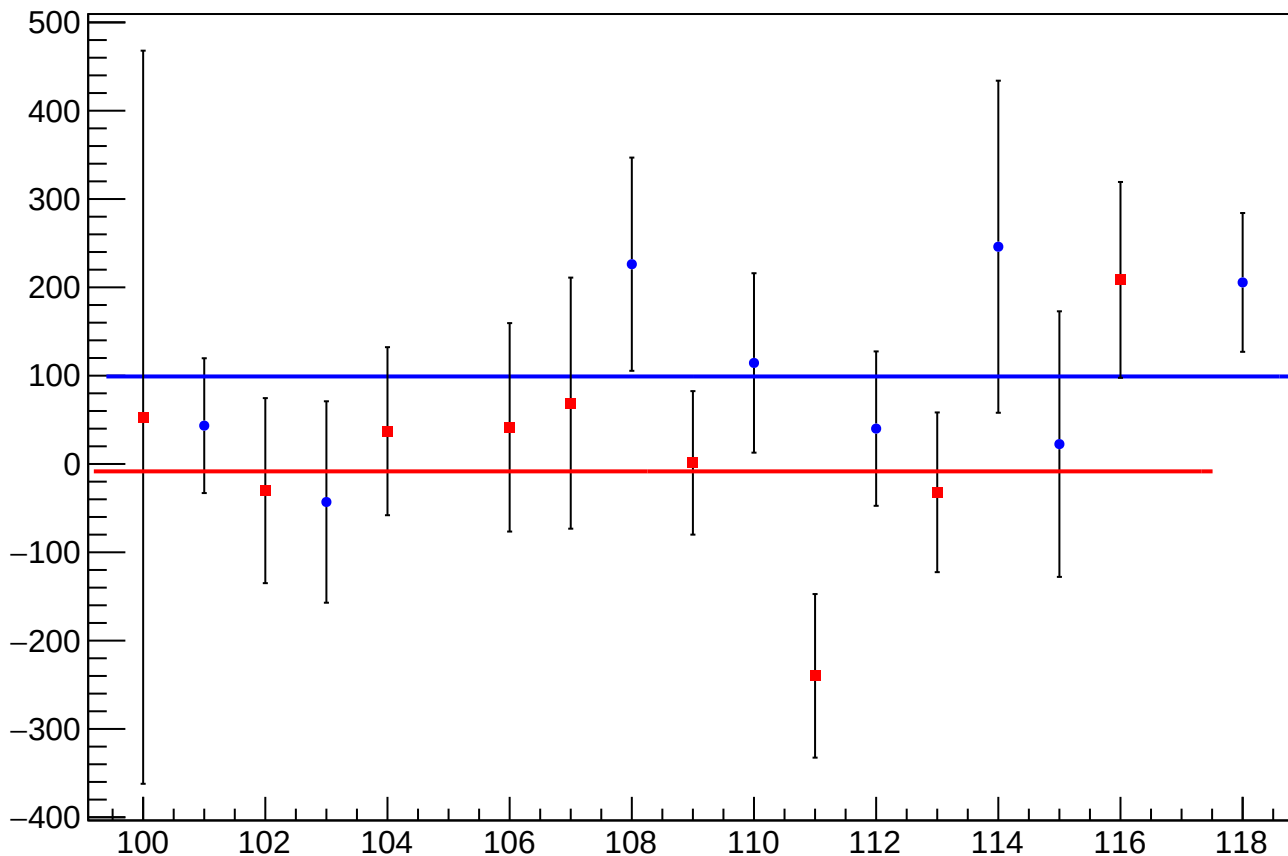
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1038587.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



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: -8.361 $\pm$ 35.345 χ^2 /NDF: 10.9/8

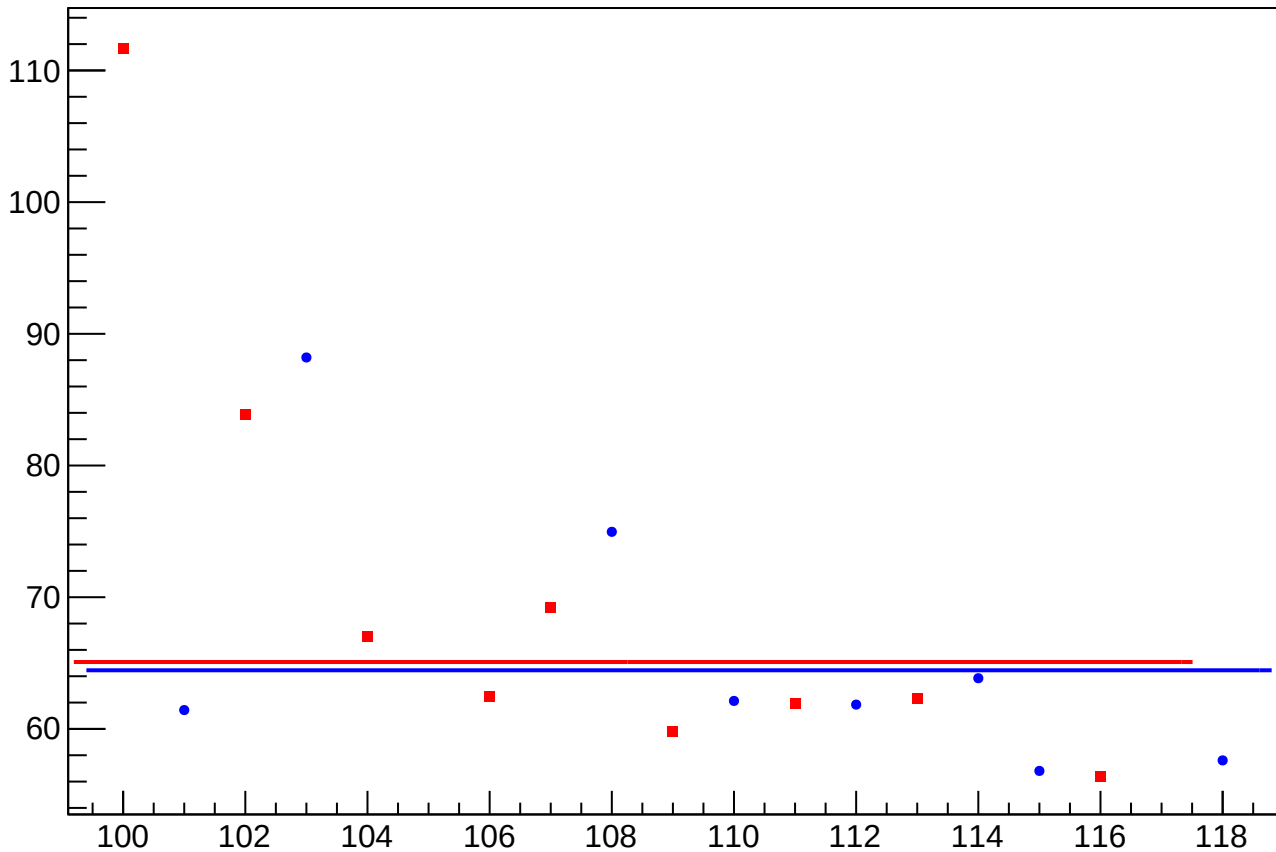
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.655 $\pm$ 25.159 χ^2 /NDF: 21.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



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: 65.080+/-0.025 χ^2/NDF : 117871.9/8

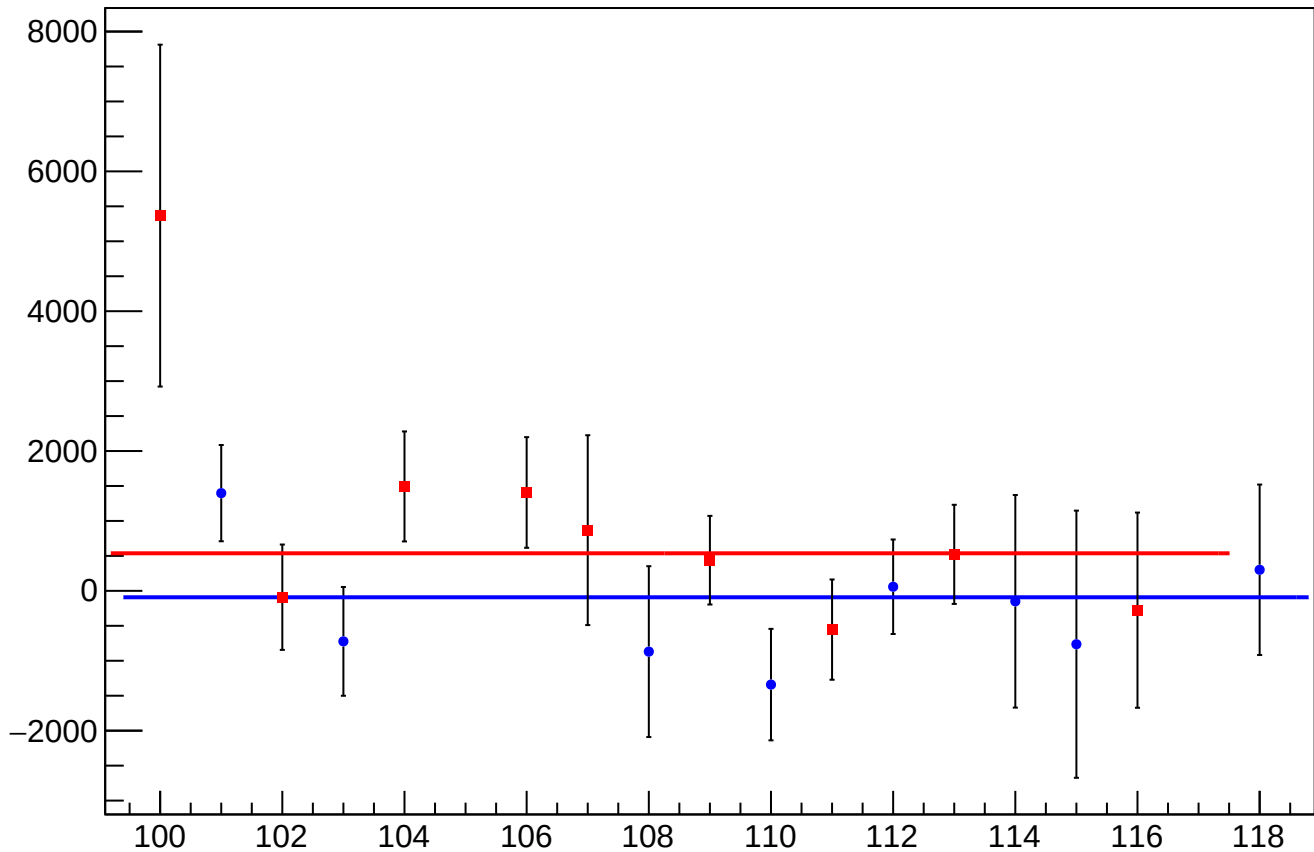
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.770+/-0.018 χ^2/NDF : 246426.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -91.901 $\pm$ 323.200 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 537.156 $\pm$ 281.500 χ^2 /NDF: 10.0/8

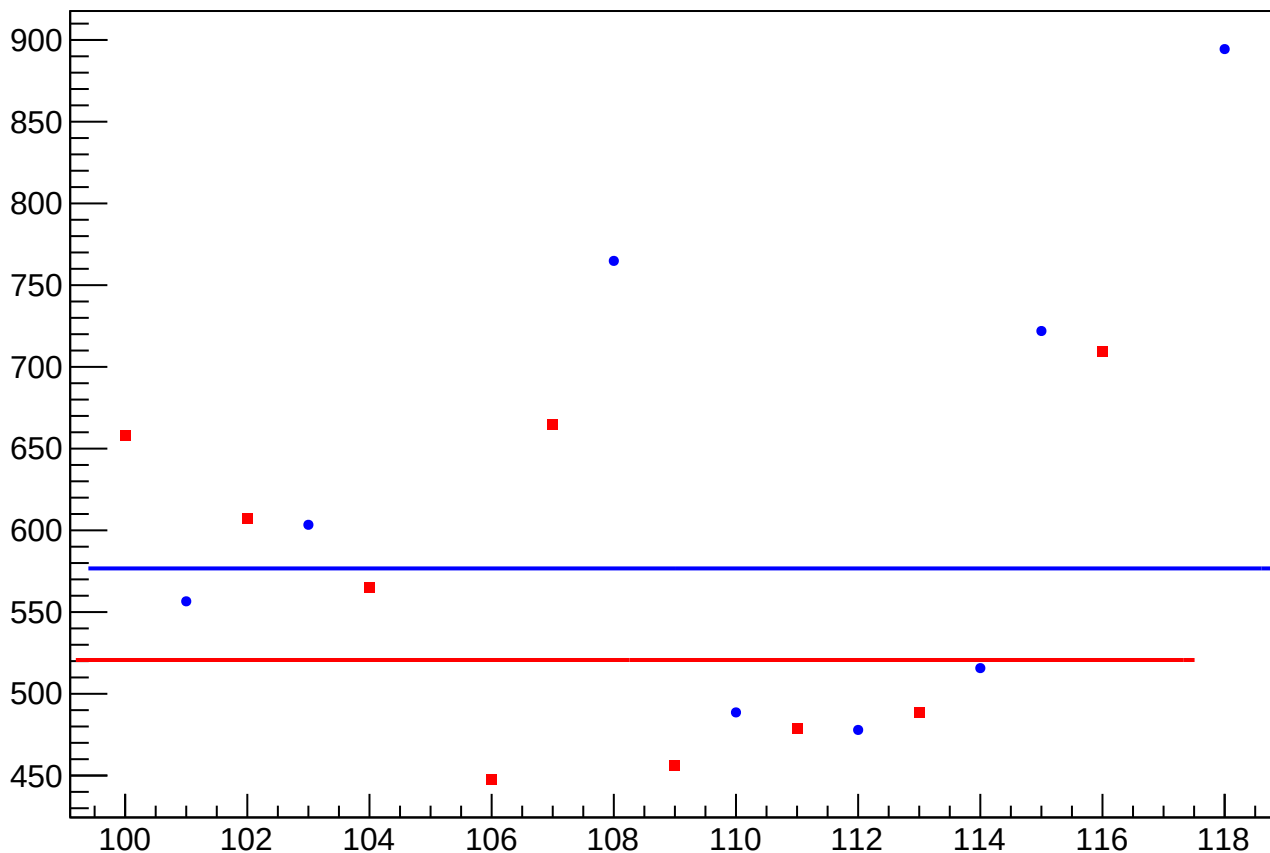
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 265.802 $\pm$ 212.273 χ^2 /NDF: 20.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 576.703 $\pm$ 0.229 χ^2 /NDF: 269267.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 520.685 $\pm$ 0.199 χ^2 /NDF: 146744.1/8

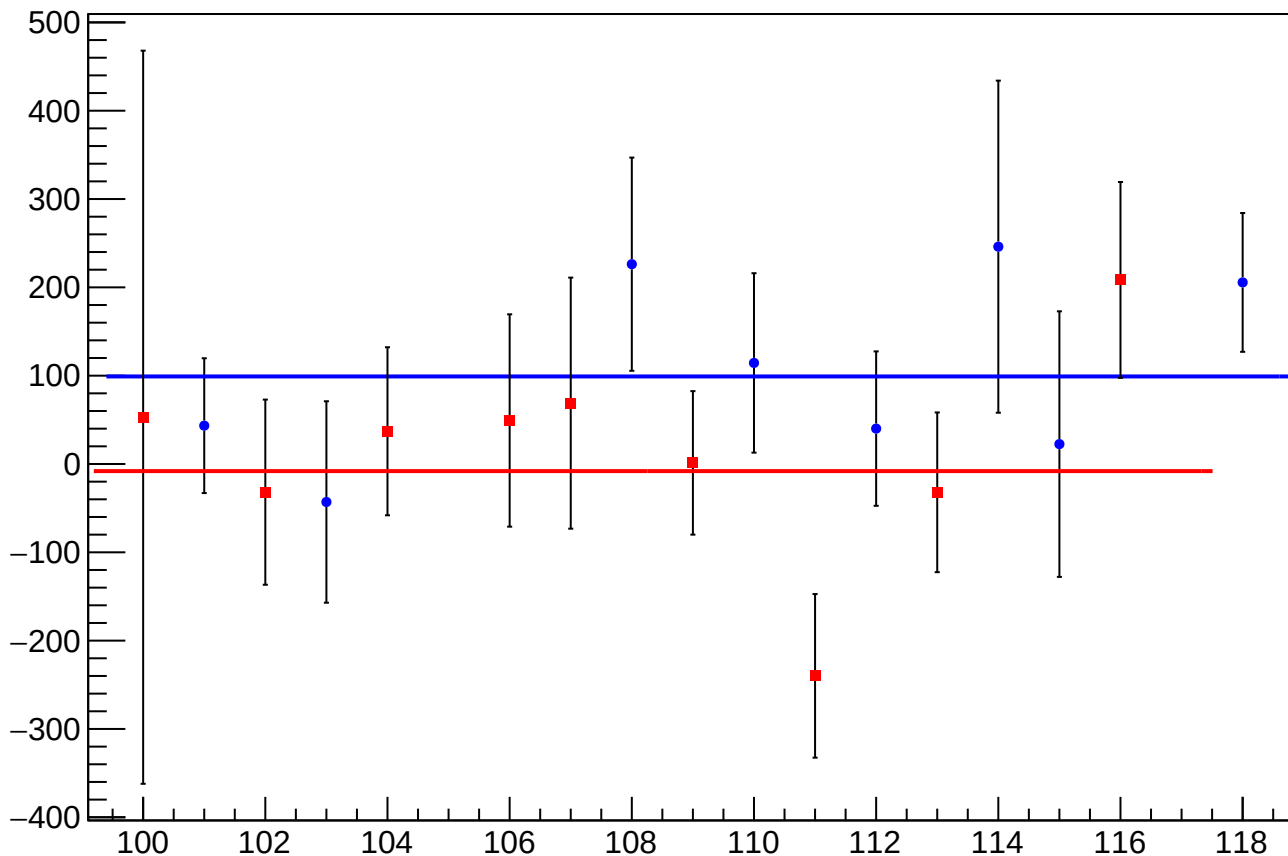
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 544.849 $\pm$ 0.150 χ^2 /NDF: 450175.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 99.118 $\pm$ 35.819 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.060 $\pm$ 35.405 χ^2 /NDF: 11.0/8

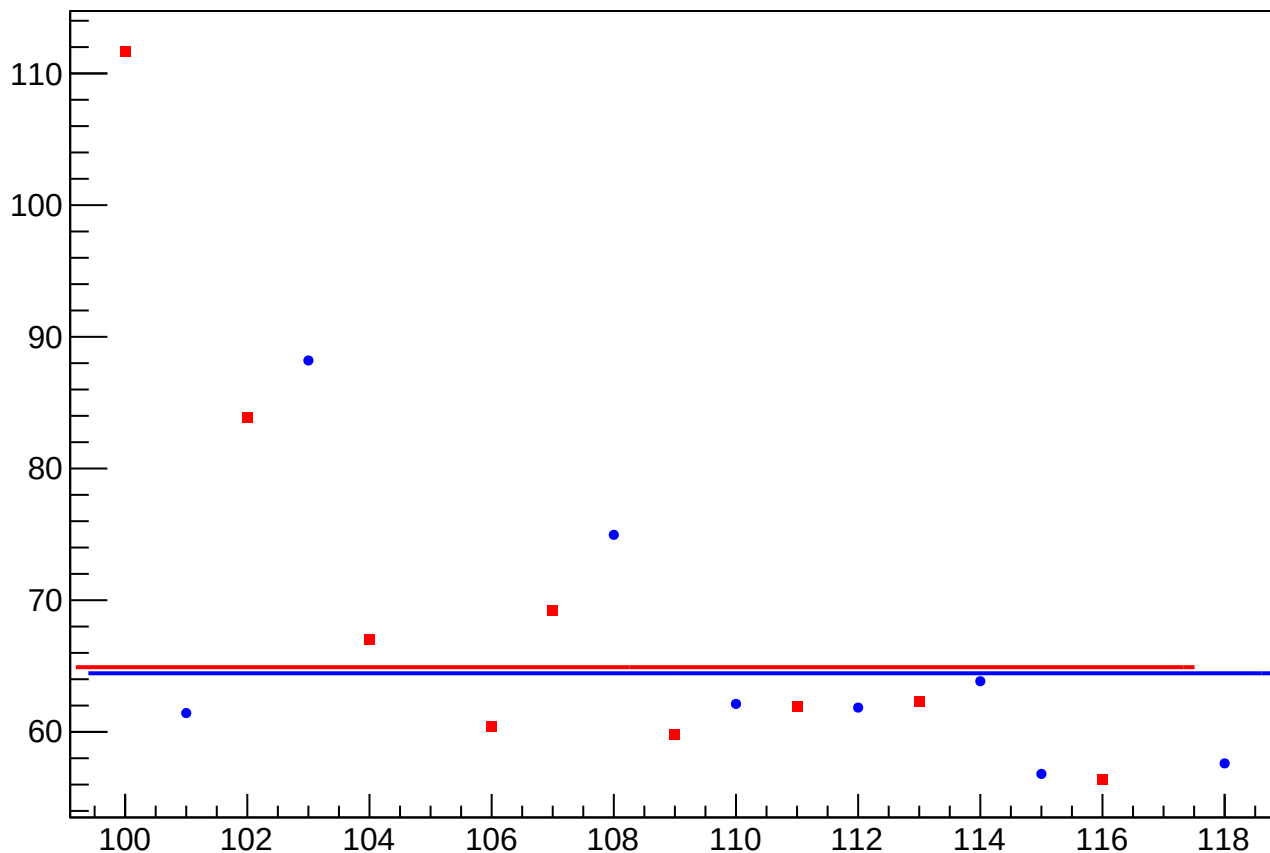
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.905 $\pm$ 25.180 χ^2 /NDF: 21.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



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: 64.914+/-0.025 χ^2/NDF : 120041.7/8

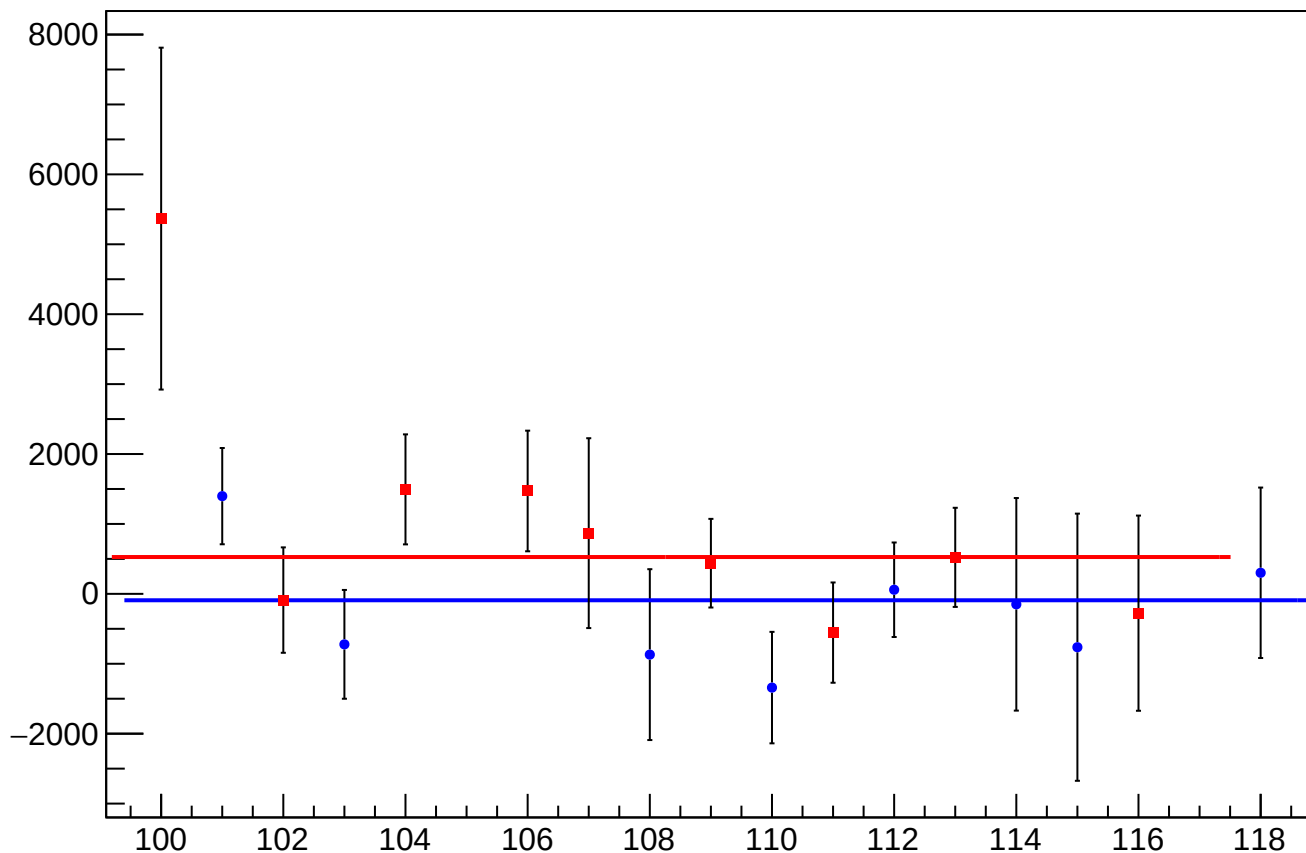
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.685+/-0.018 χ^2/NDF : 248455.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



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: 526.717+/-284.389 χ^2/NDF : 10.0/8

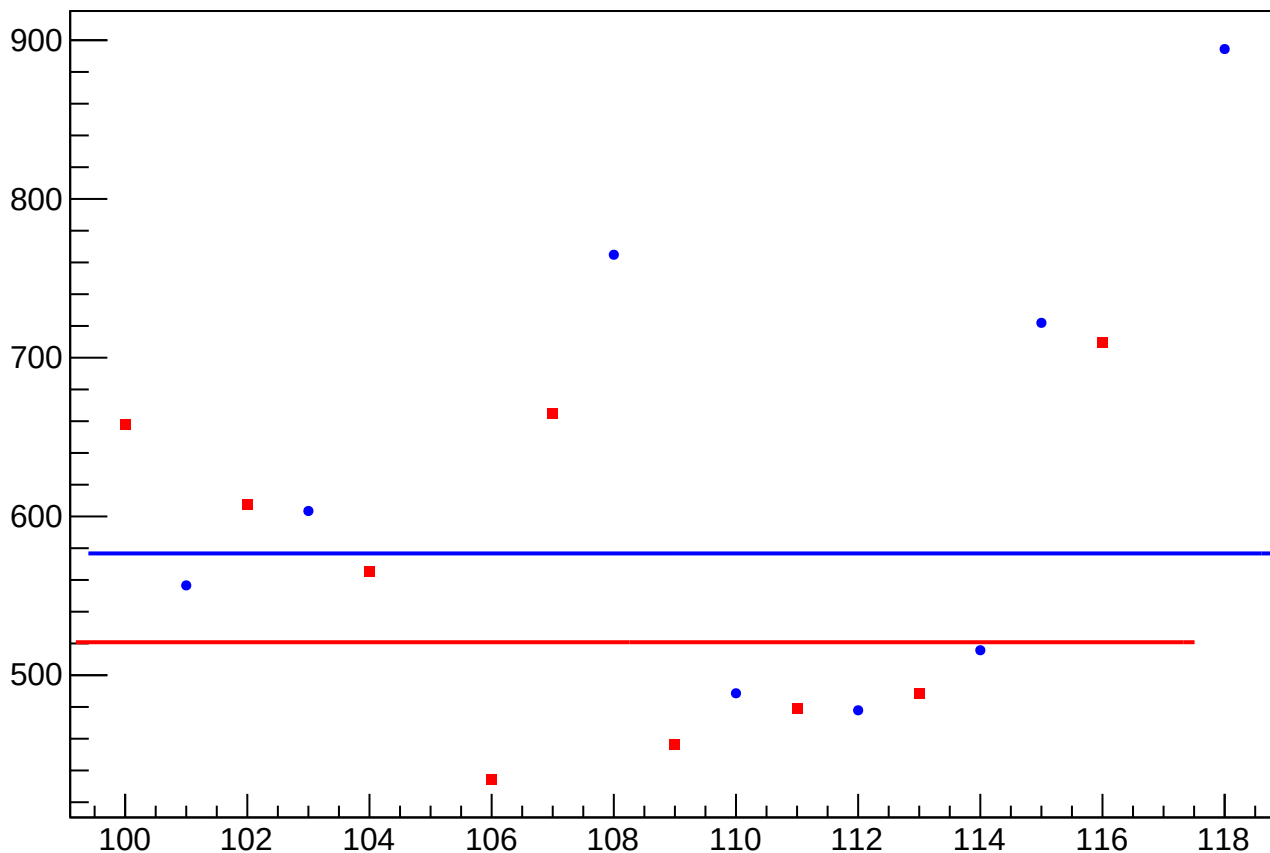
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.796+/-213.505 χ^2/NDF : 20.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 576.710 $\pm$ 0.229 χ^2 /NDF: 269274.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 520.779 $\pm$ 0.201 χ^2 /NDF: 149849.8/8

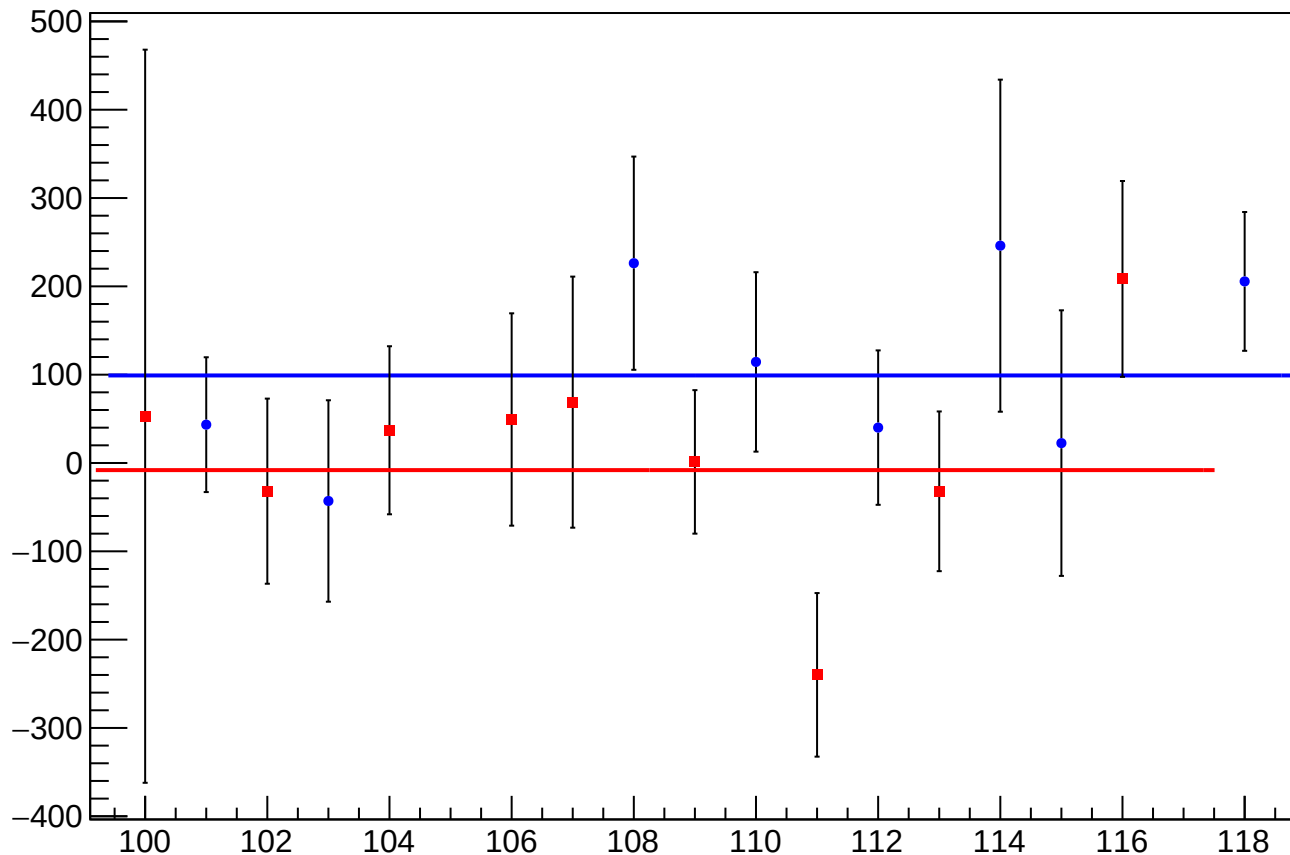
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 545.186 $\pm$ 0.151 χ^2 /NDF: 452882.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 99.118 $\pm$ 35.819 χ^2 /NDF: 6.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.060 $\pm$ 35.405 χ^2 /NDF: 11.0/8

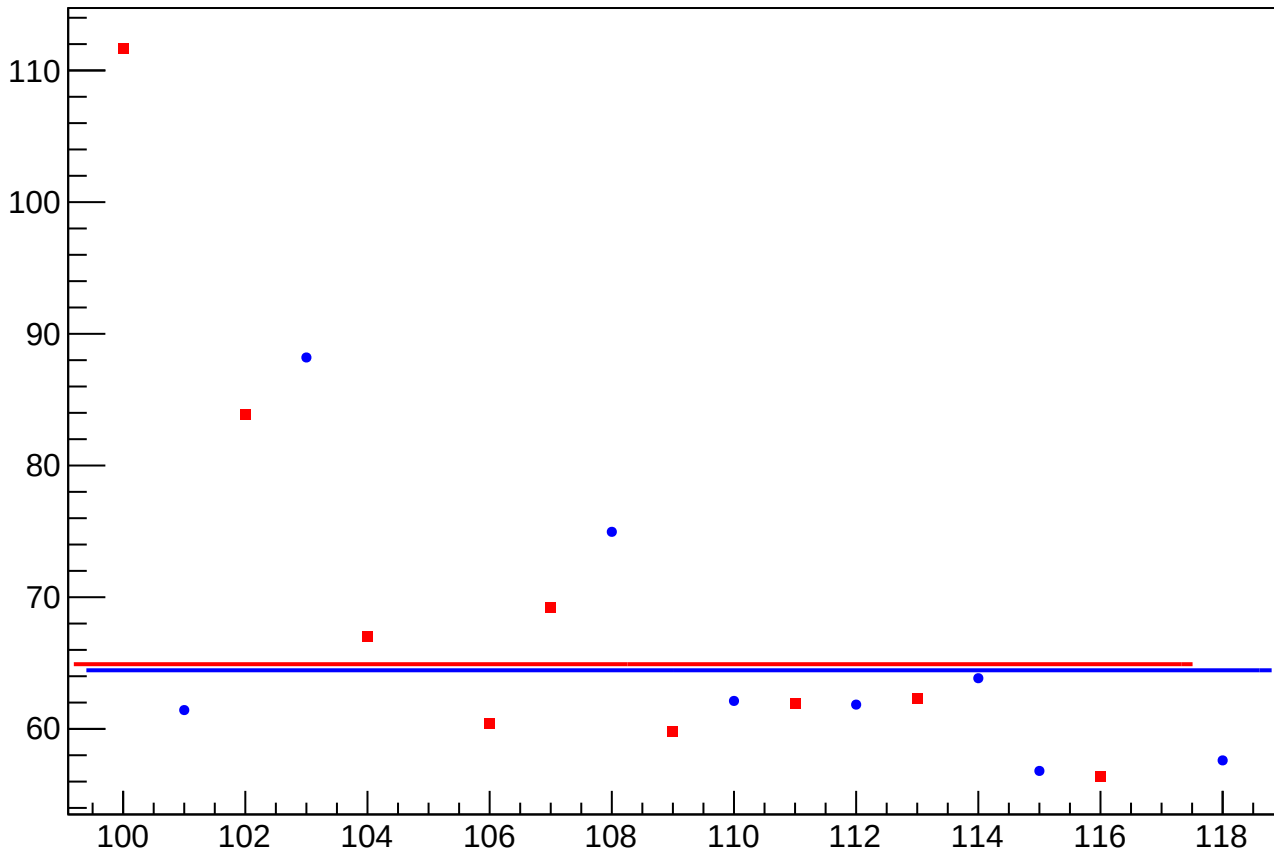
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.905 $\pm$ 25.180 χ^2 /NDF: 21.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



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: 64.914+/-0.025 χ^2/NDF : 120041.7/8

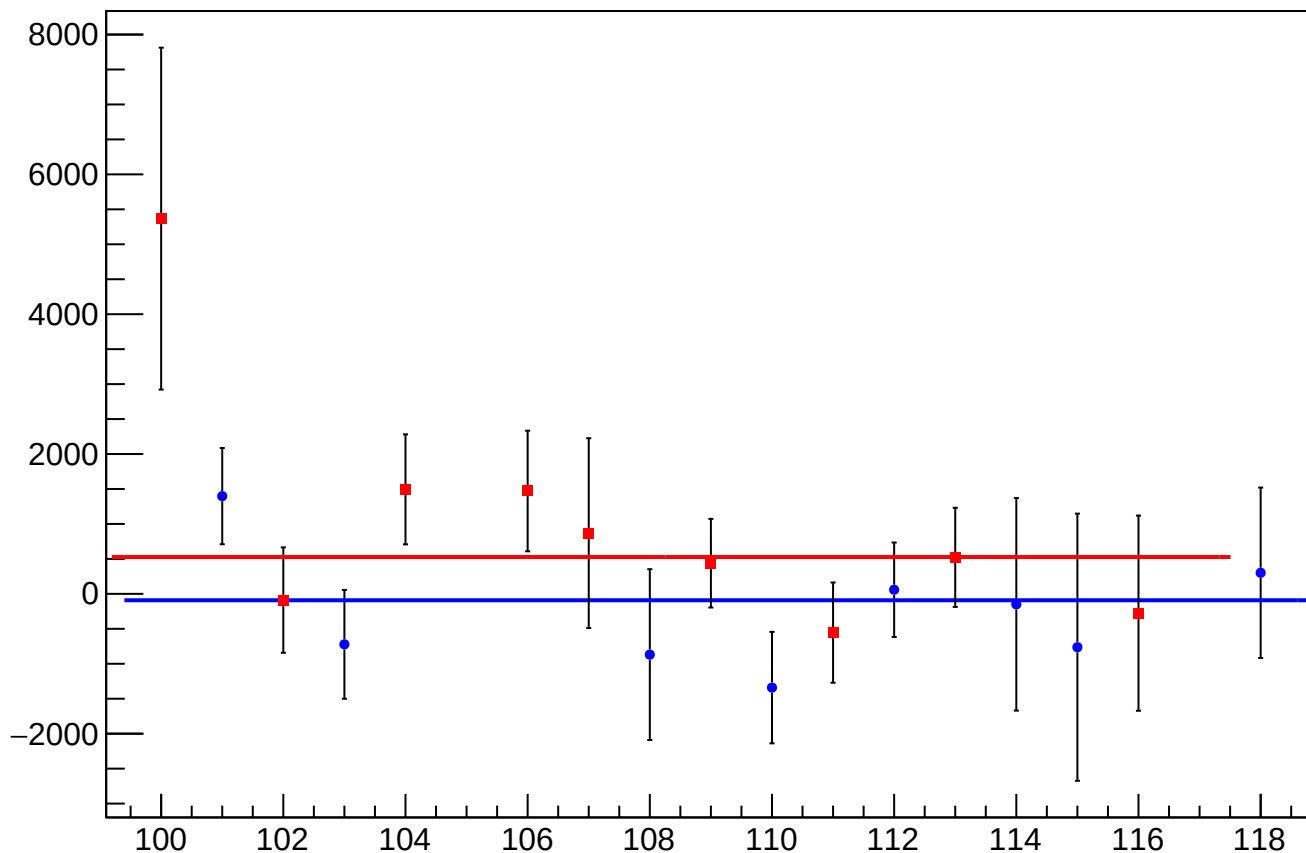
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.685+/-0.018 χ^2/NDF : 248455.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -91.835 $\pm$ 323.204 χ^2 /NDF: 8.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 526.717 $\pm$ 284.389 χ^2 /NDF: 10.0/8

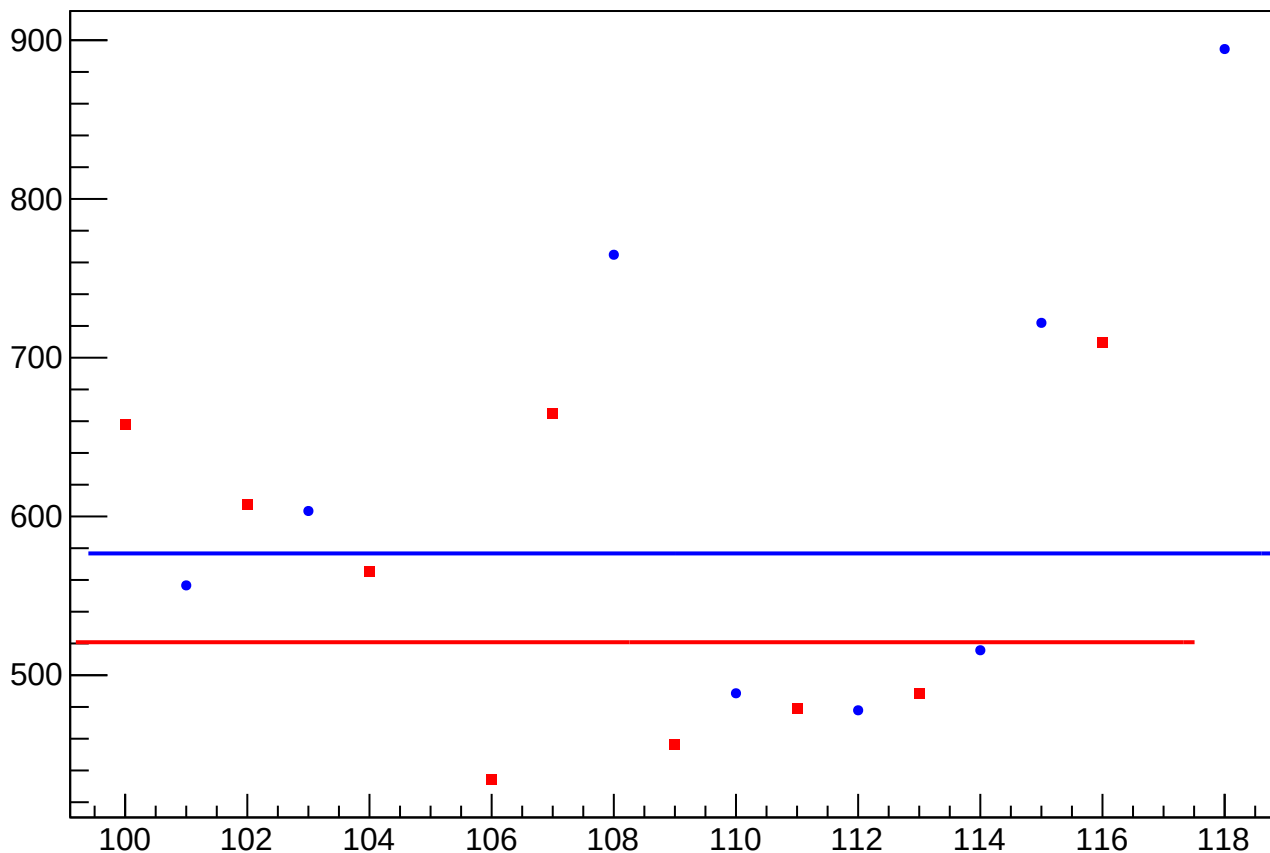
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.796 $\pm$ 213.505 χ^2 /NDF: 20.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 576.710 $\pm$ 0.229 χ^2 /NDF: 269274.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 520.779 $\pm$ 0.201 χ^2 /NDF: 149849.8/8

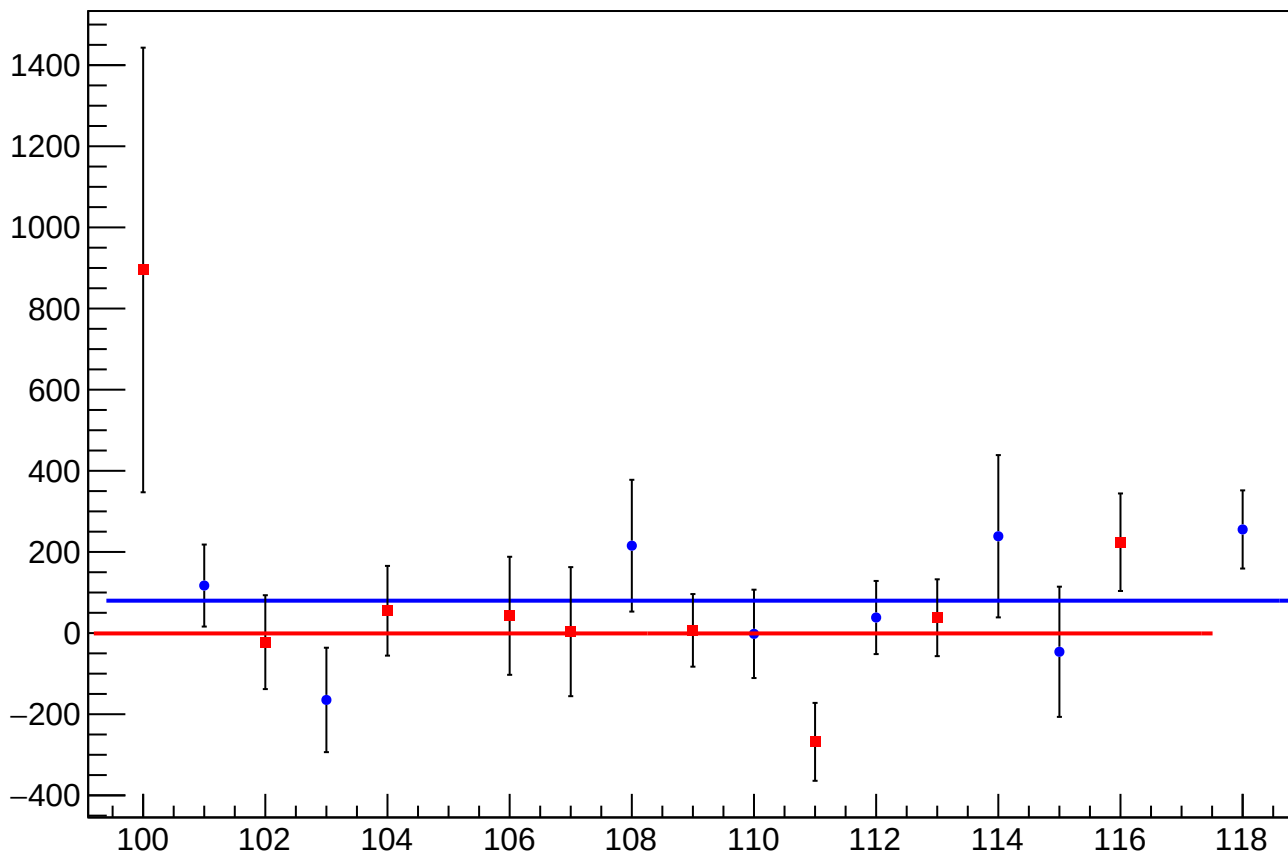
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 545.186 $\pm$ 0.151 χ^2 /NDF: 452882.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



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: -0.849 $\pm$ 38.910 χ^2 /NDF: 14.5/8

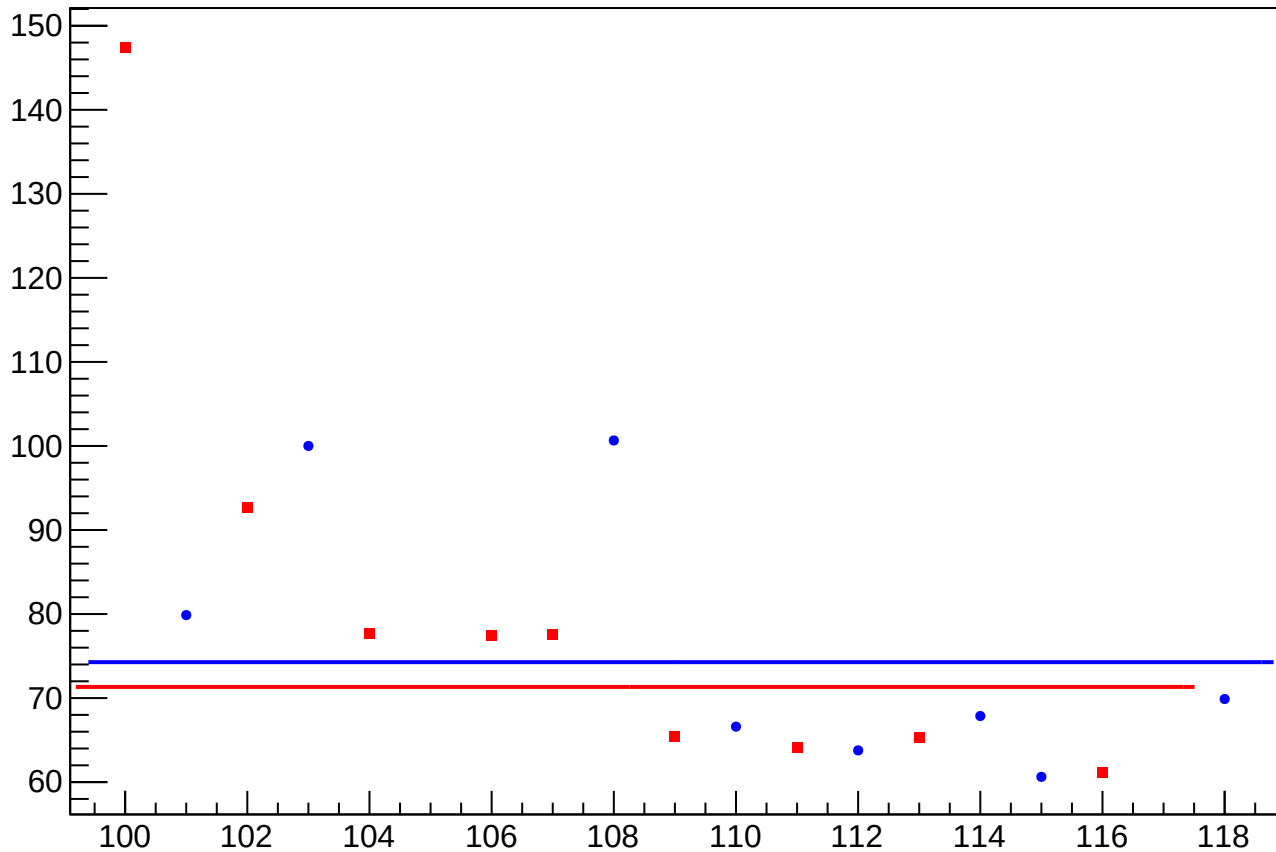
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.726 $\pm$ 28.449 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



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: 71.329+/-0.028 χ^2/NDF : 162427.1/8

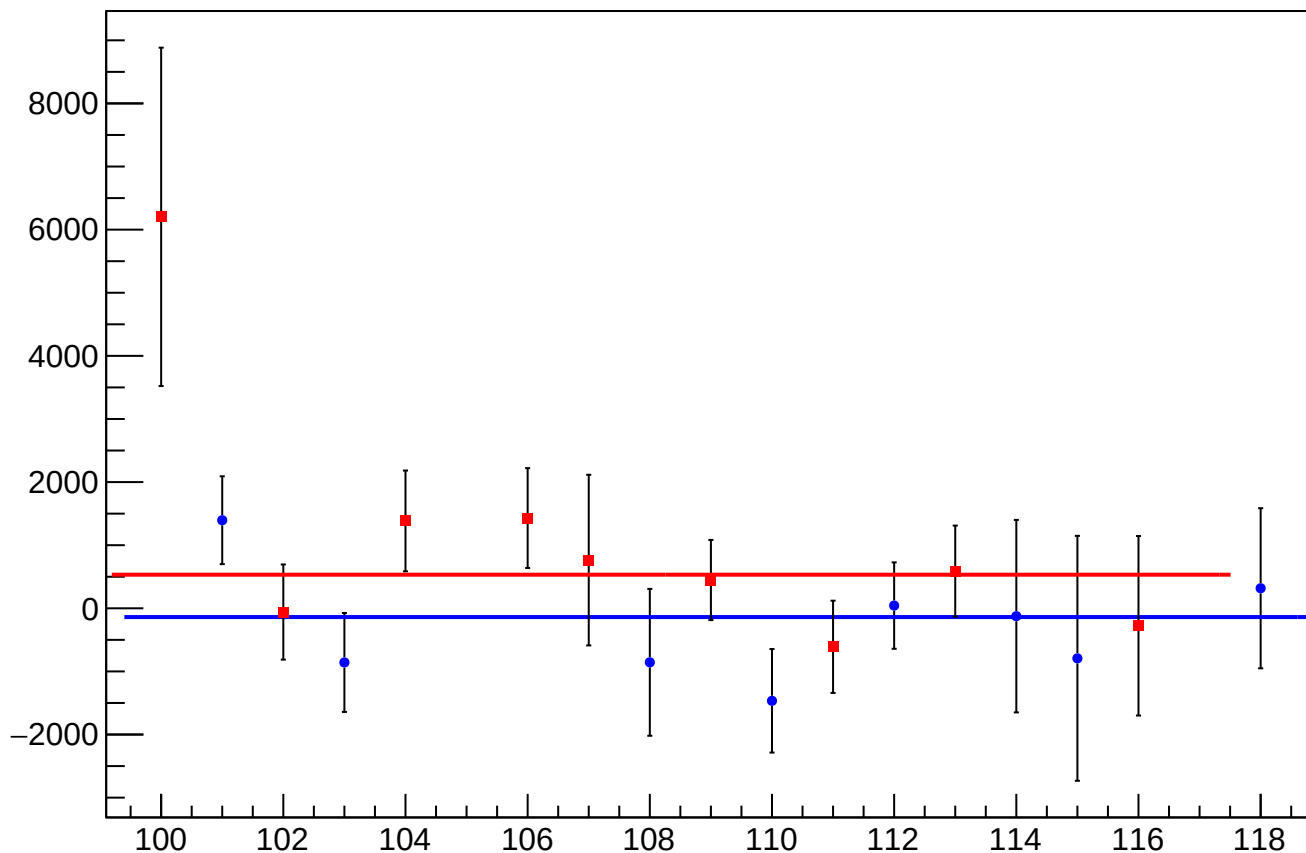
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.700+/-0.020 χ^2/NDF : 364343.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



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: 532.574+/-284.320 χ^2/NDF : 10.3/8

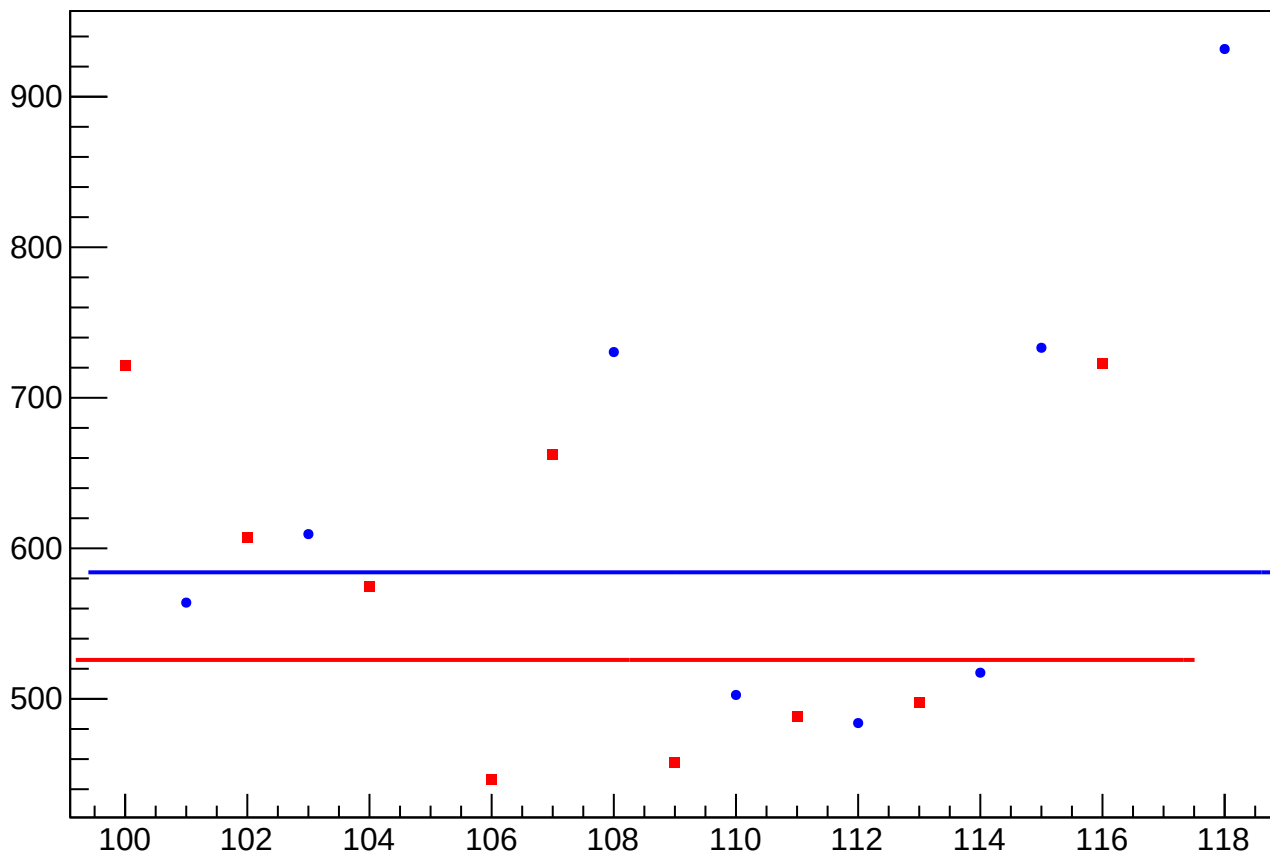
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 243.239+/-214.481 χ^2/NDF : 21.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



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: 525.885+/-0.201 χ^2/NDF : 151828.1/8

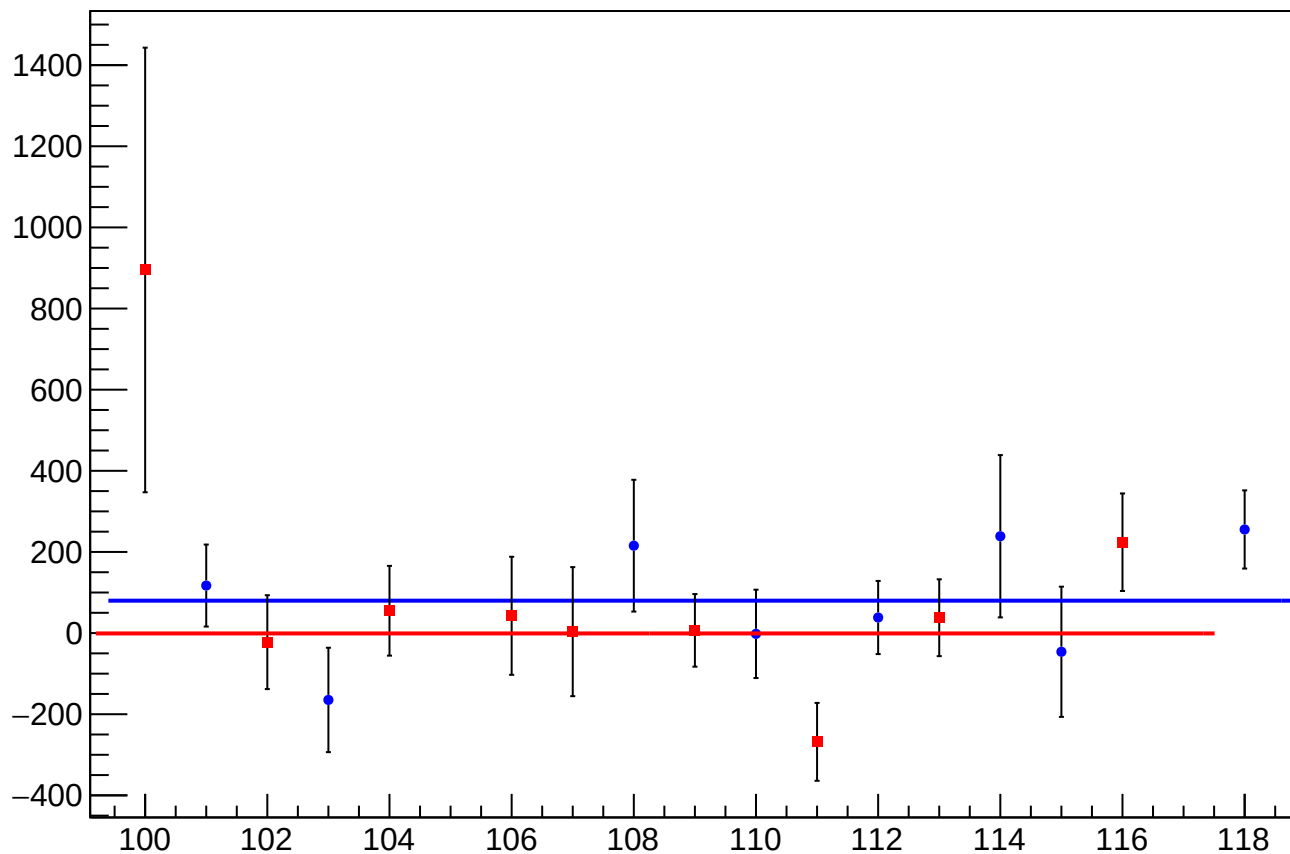
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.960+/-0.152 χ^2/NDF : 451642.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



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: -0.850 $\pm$ 38.910 χ^2 /NDF: 14.5/8

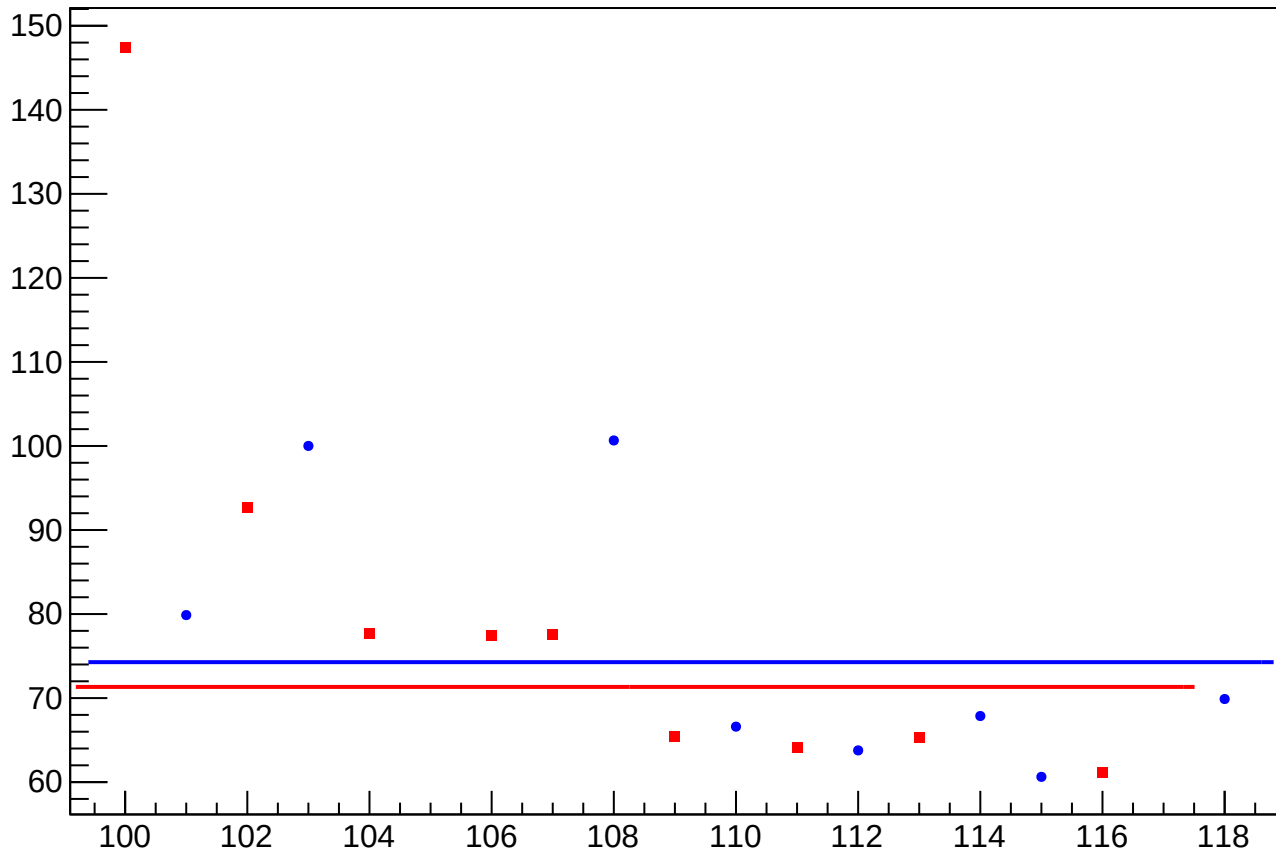
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.725 $\pm$ 28.449 χ^2 /NDF: 26.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



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: 71.329+/-0.028 χ^2/NDF : 162428.2/8

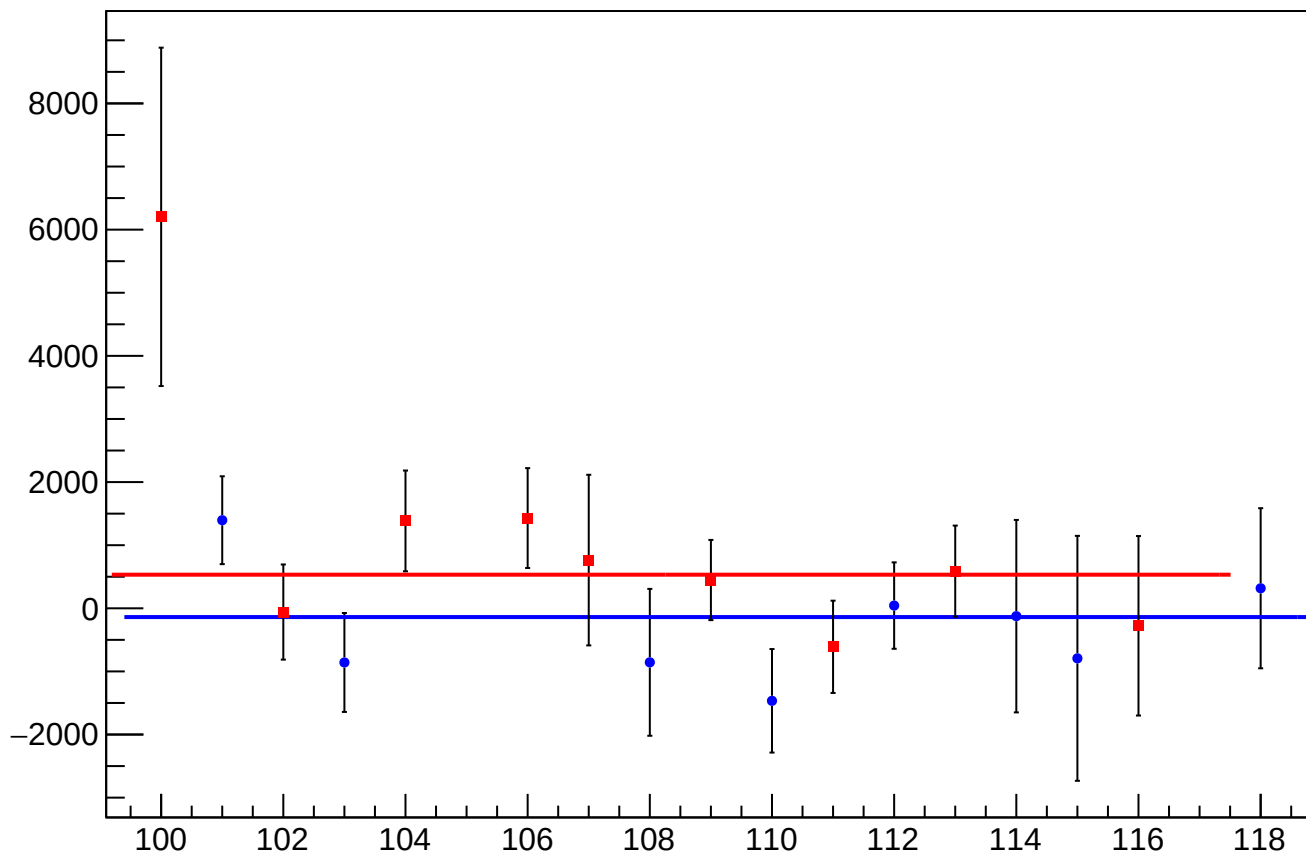
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.700+/-0.020 χ^2/NDF : 364347.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -138.837 $\pm$ 326.725 χ^2 /NDF: 9.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 532.573 $\pm$ 284.320 χ^2 /NDF: 10.3/8

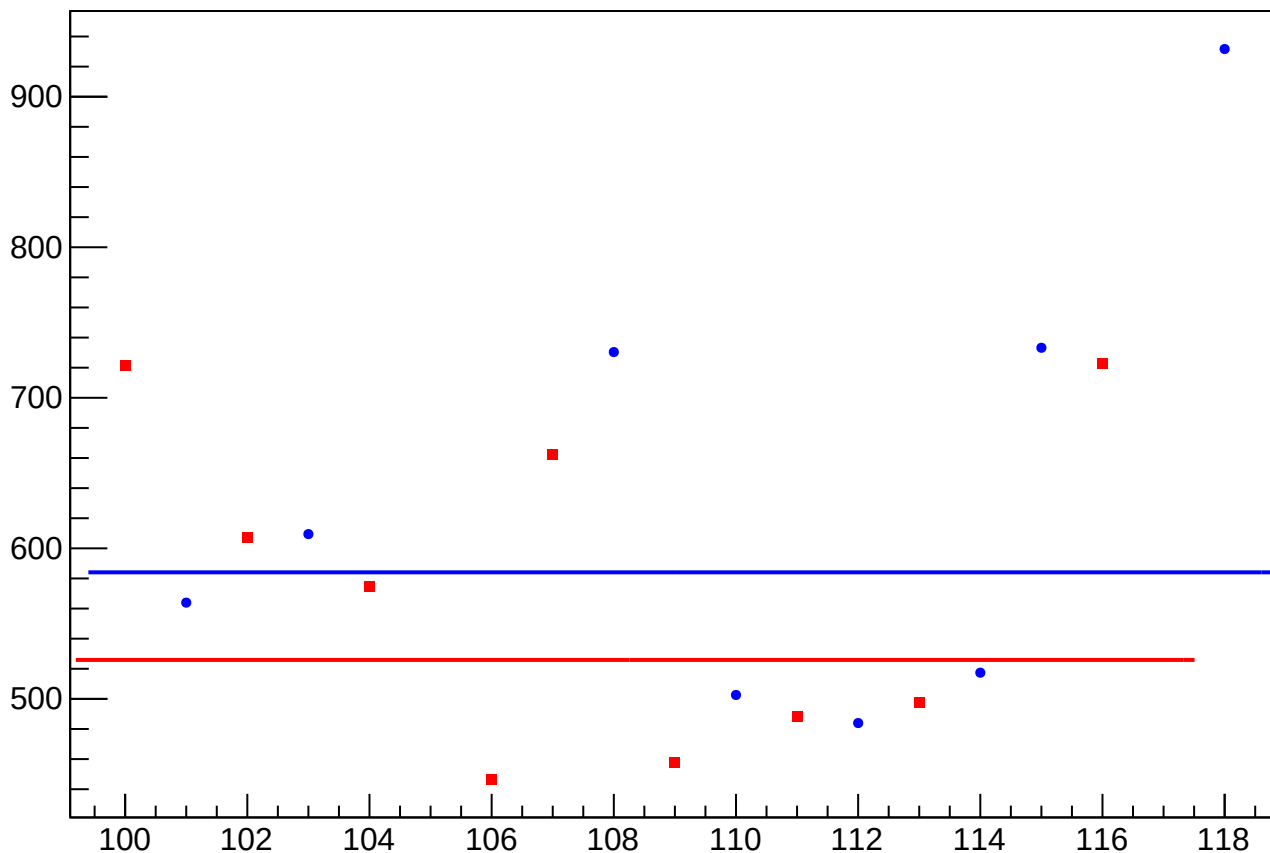
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 243.238 $\pm$ 214.481 χ^2 /NDF: 21.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



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: 525.884+/-0.201 χ^2/NDF : 151829.3/8

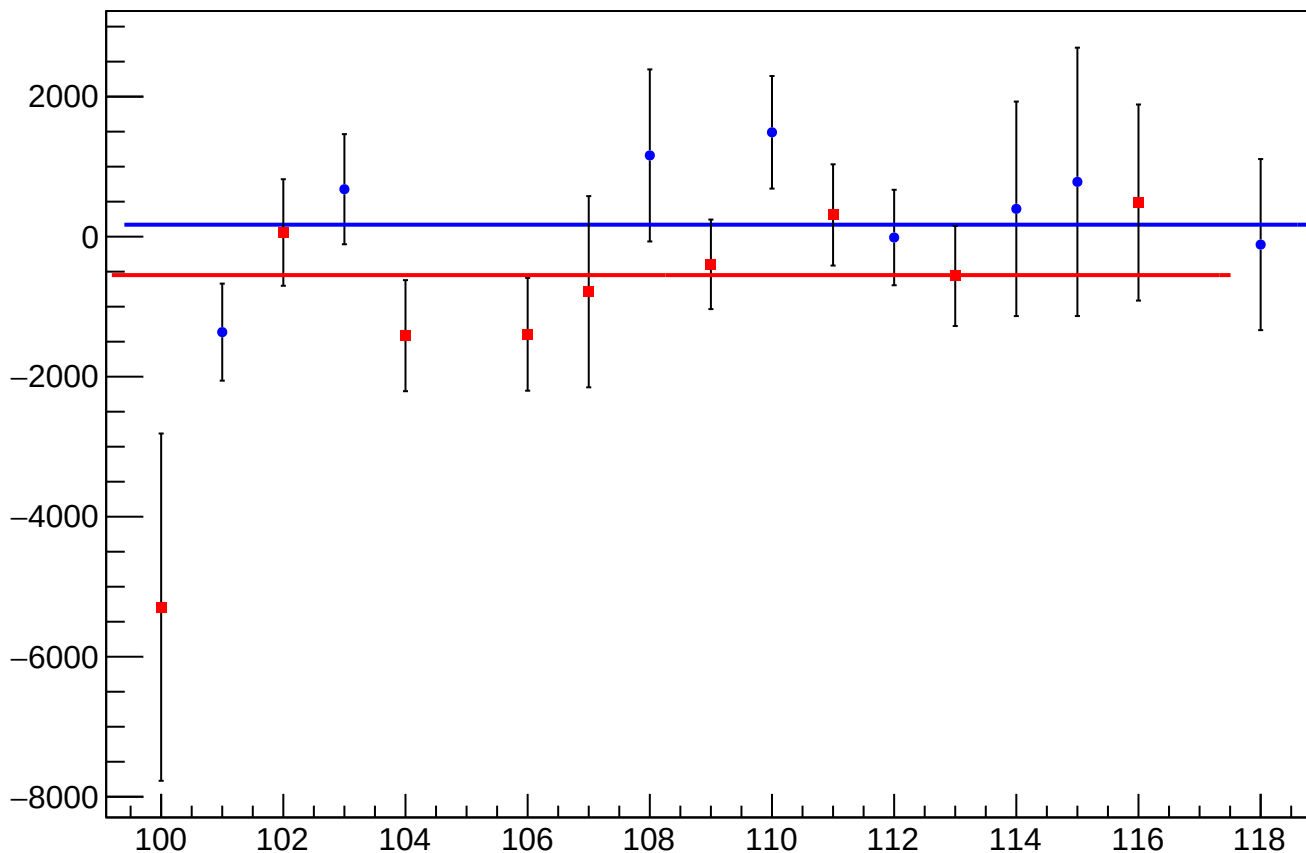
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.959+/-0.152 χ^2/NDF : 451645.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_mean vs Slug



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: -549.179+/-284.219 χ^2/NDF : 8.6/8

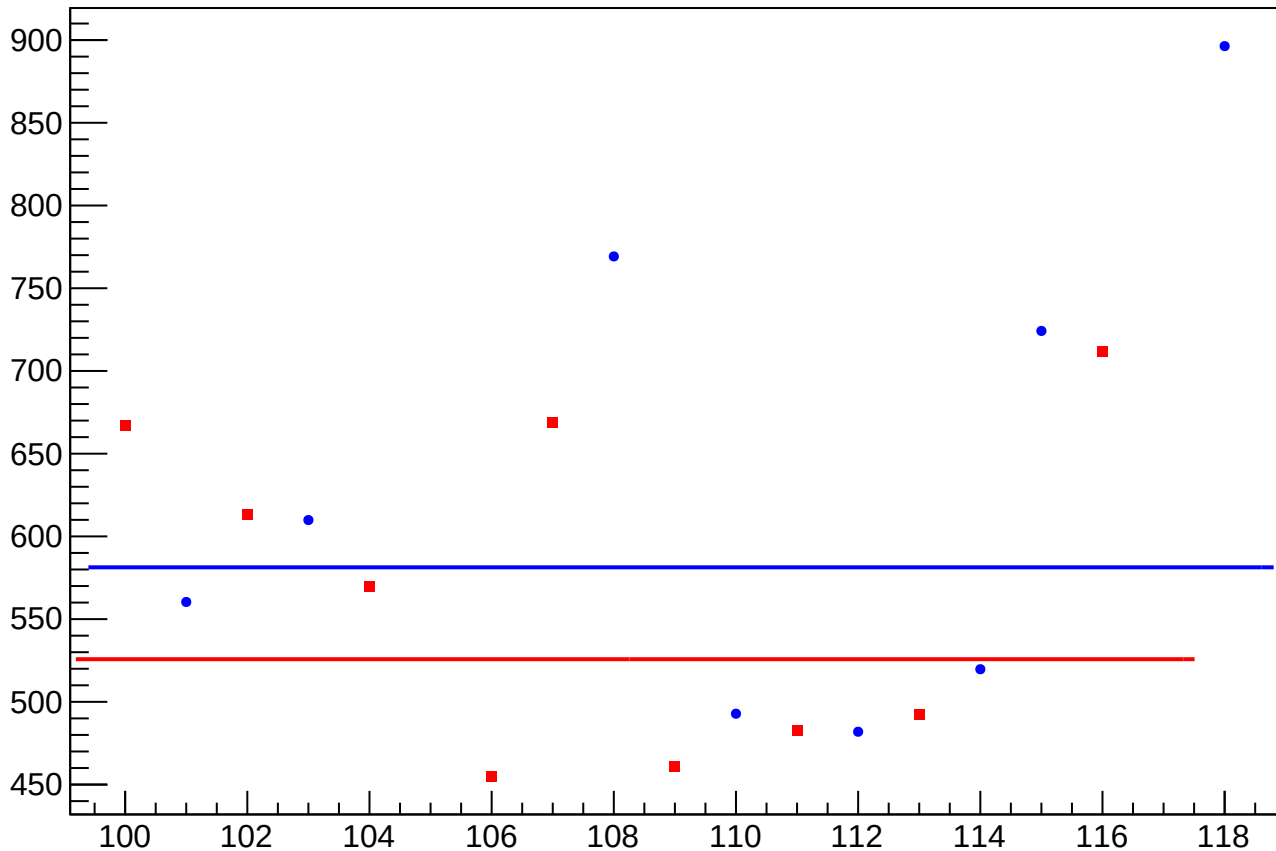
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -237.891+/-214.139 χ^2/NDF : 20.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_rms vs Slug



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: 525.775+/-0.201 χ^2/NDF : 143767.8/8

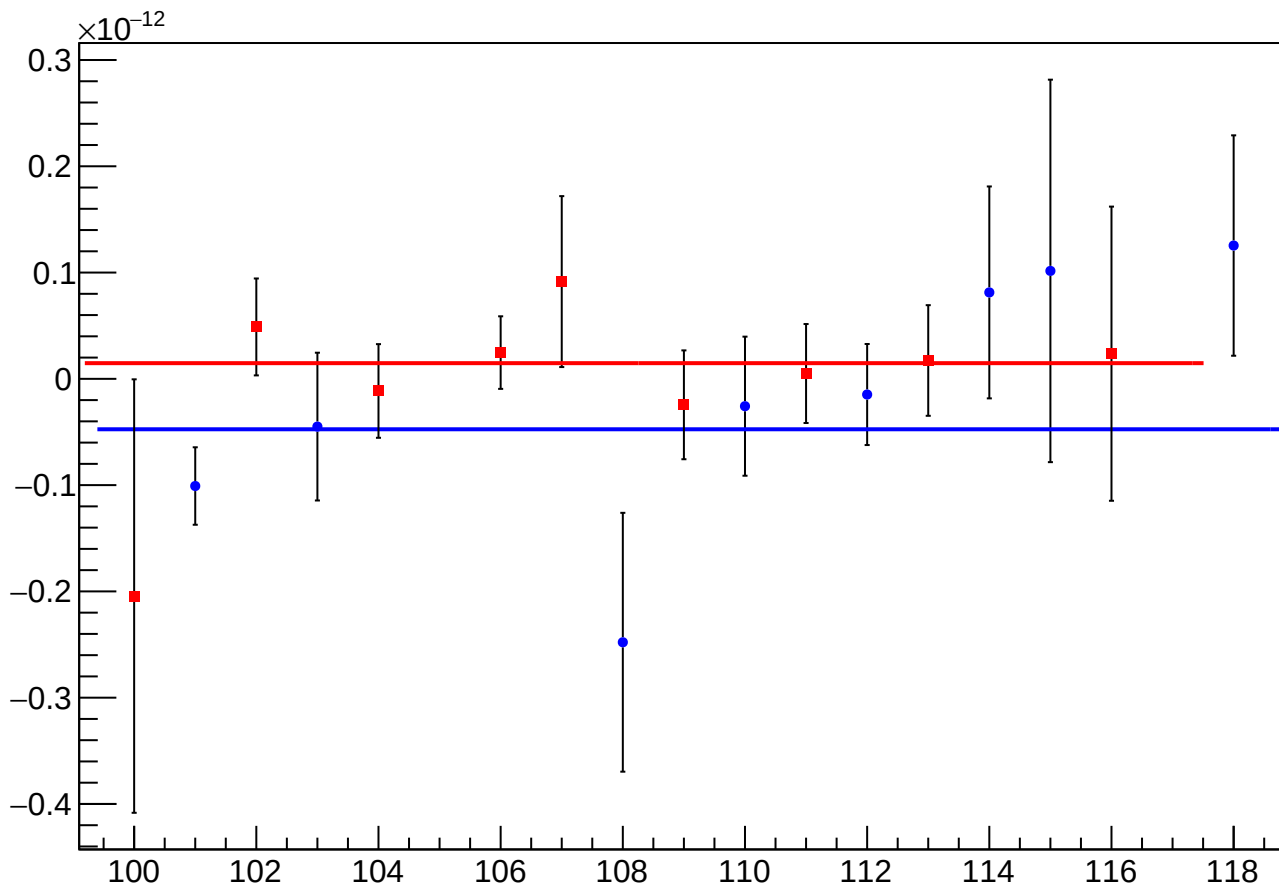
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.787+/-0.151 χ^2/NDF : 442104.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug



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: 3.7/8

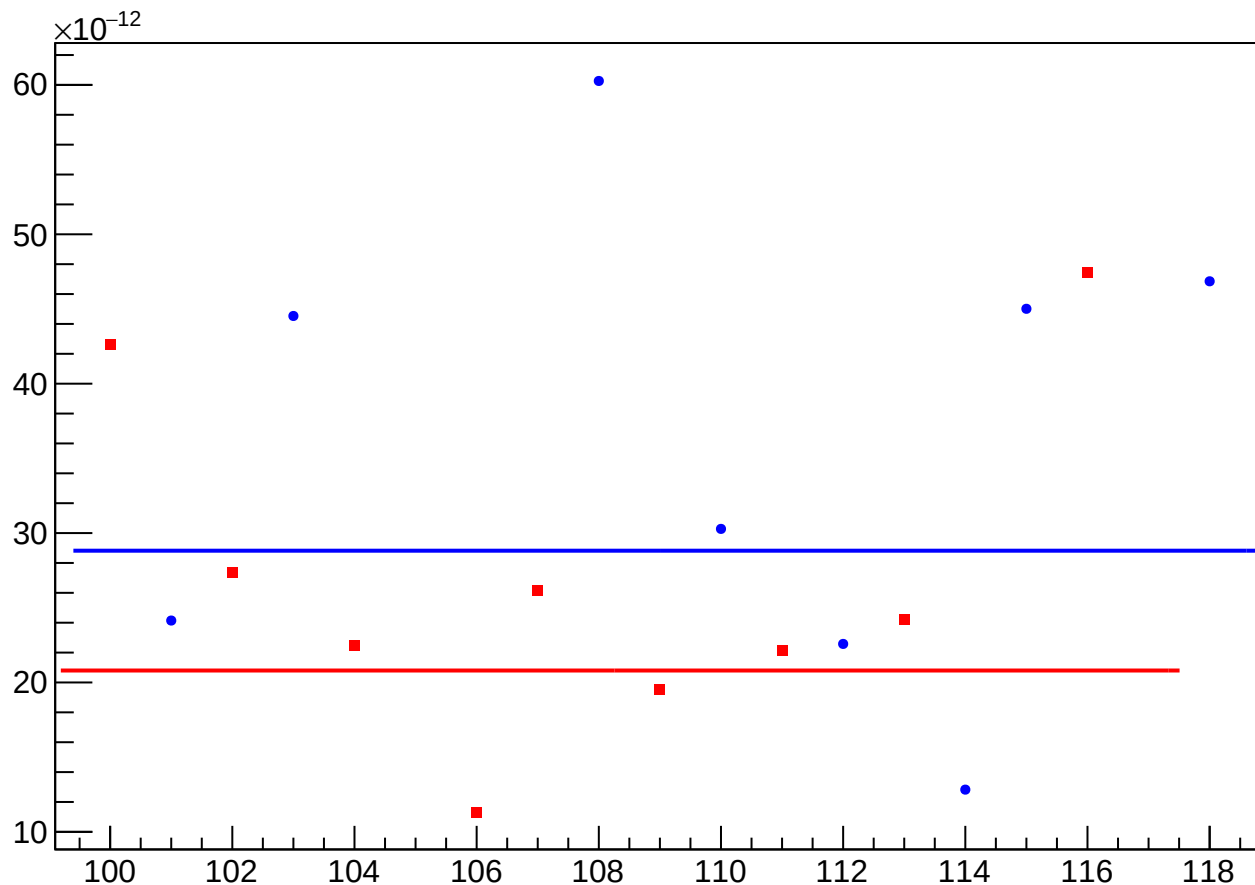
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 19.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug



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 : 316635.4/8

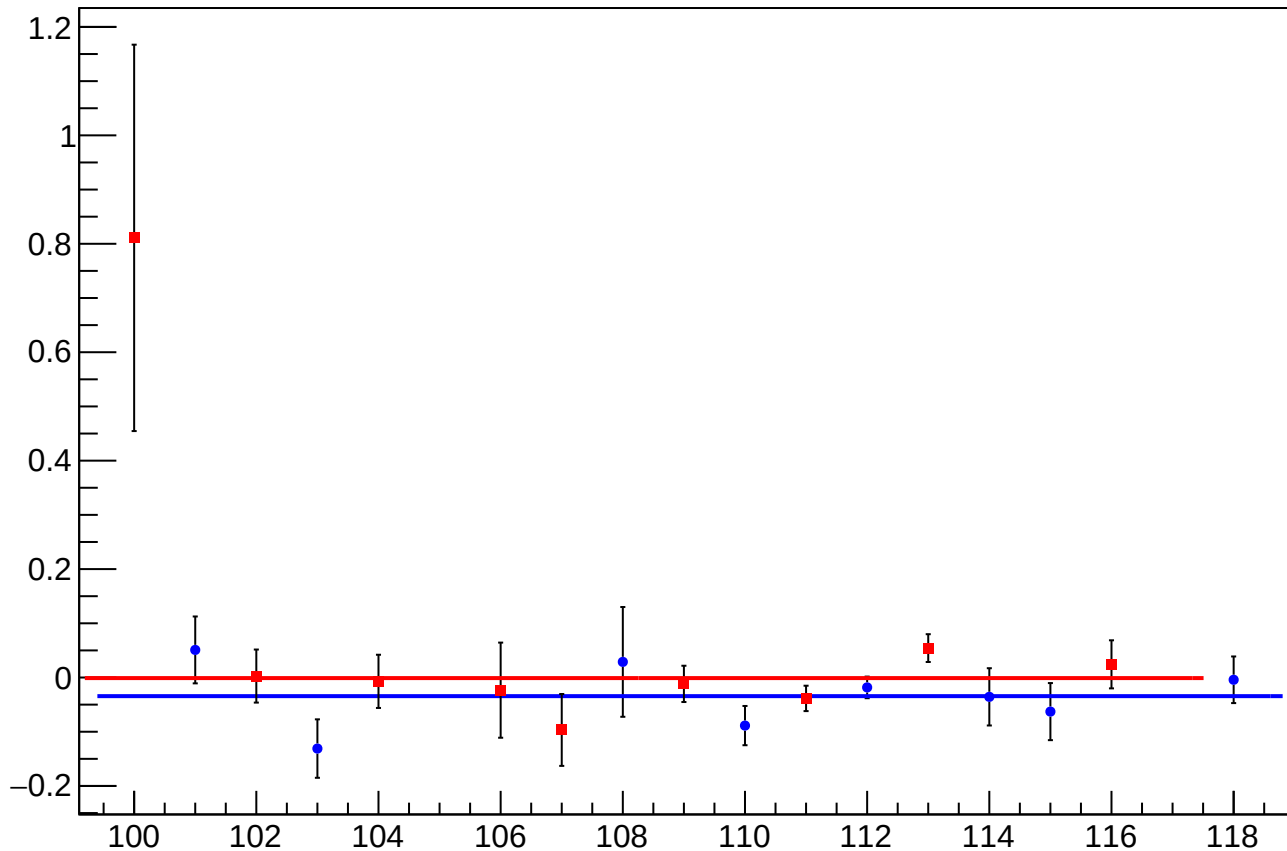
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 905159.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



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: -0.001 ± 0.013 χ^2/NDF : 15.0/8

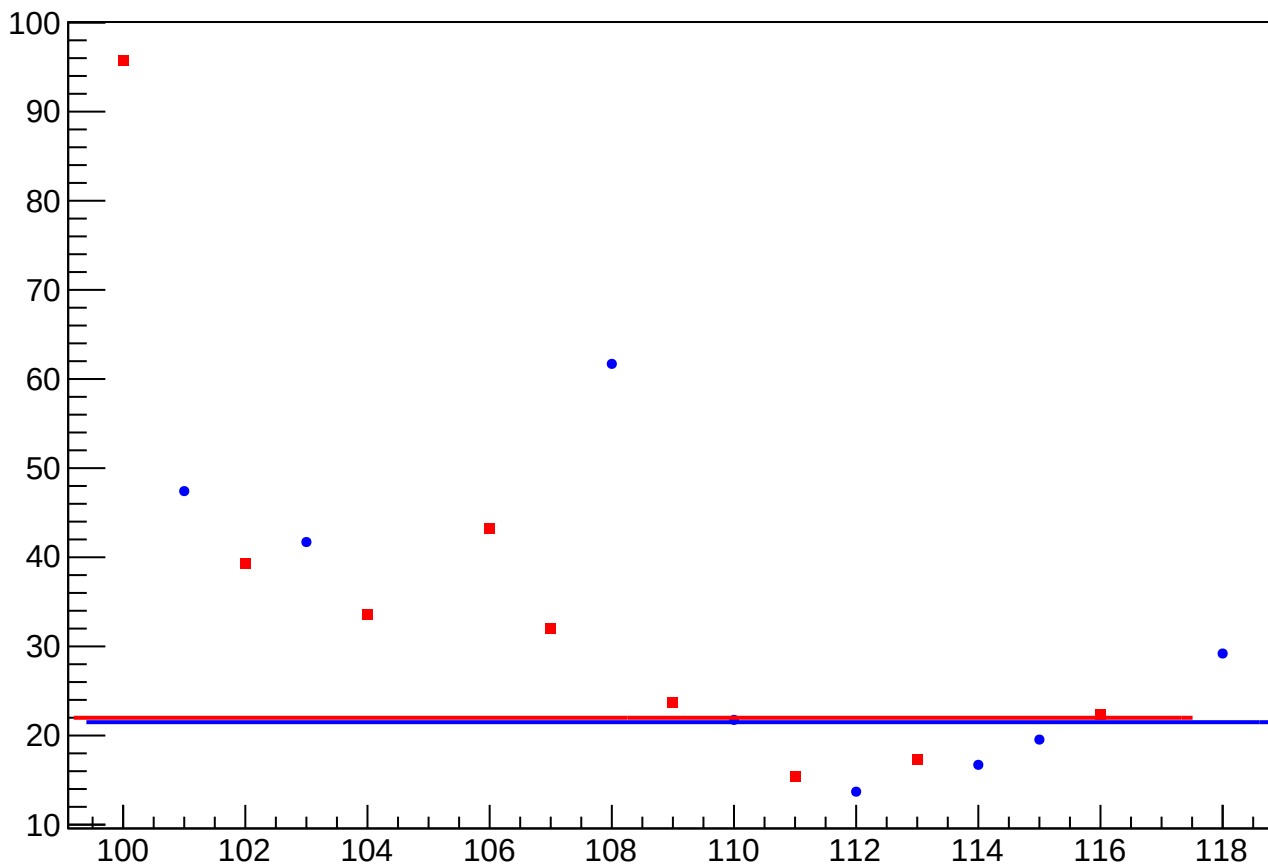
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.009 χ^2/NDF : 27.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



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: 21.993+/-0.009 χ^2/NDF : 841502.2/8

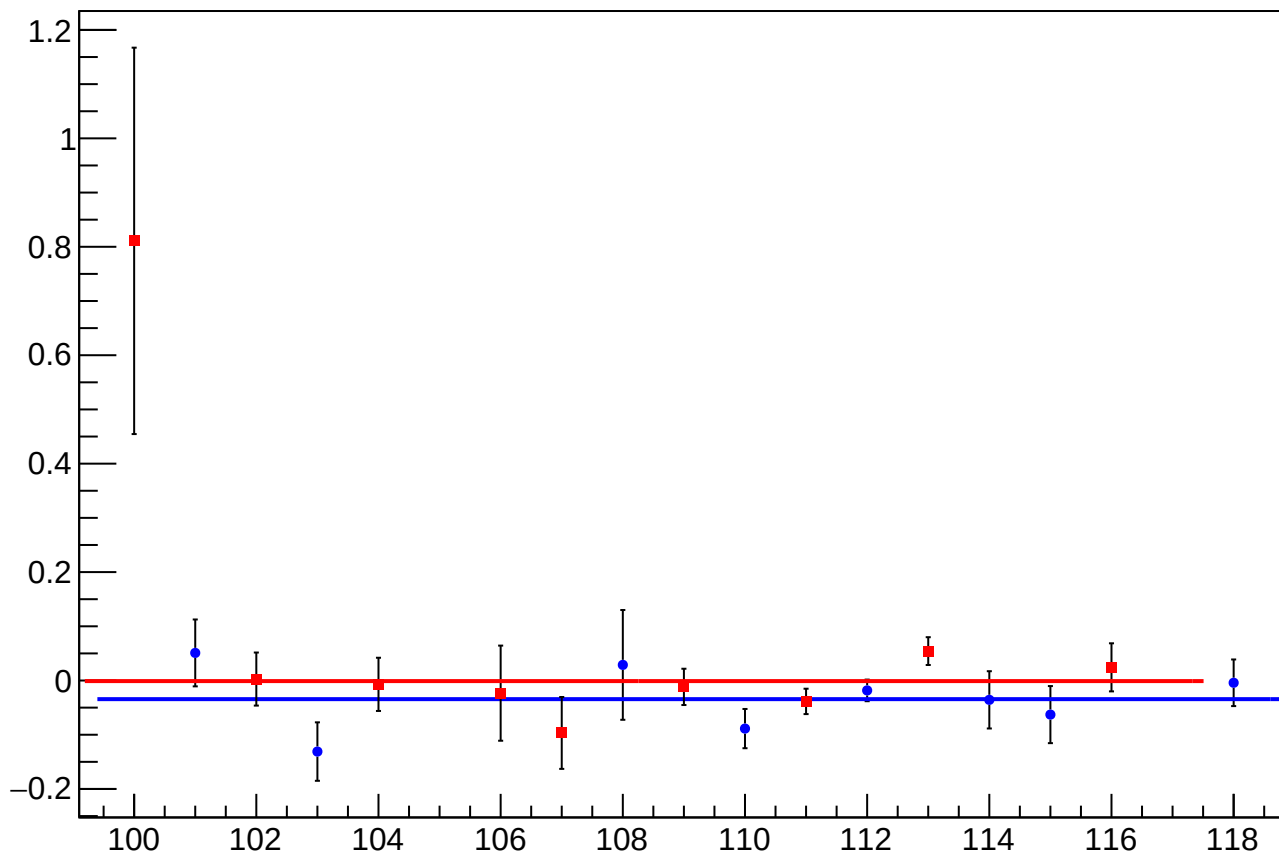
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.761+/-0.007 χ^2/NDF : 2182437.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

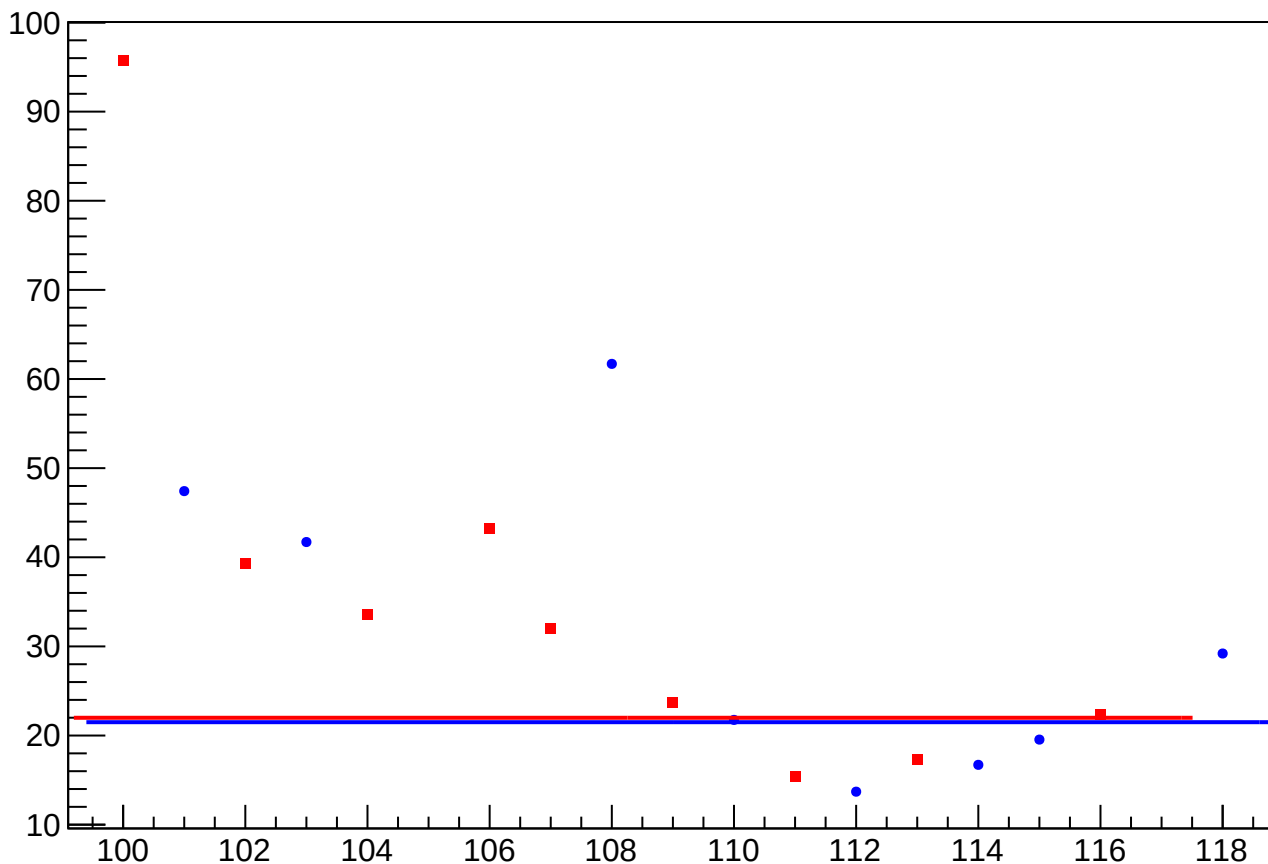
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 27.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 21.993 $\pm$ 0.009 χ^2 /NDF: 841502.2/8

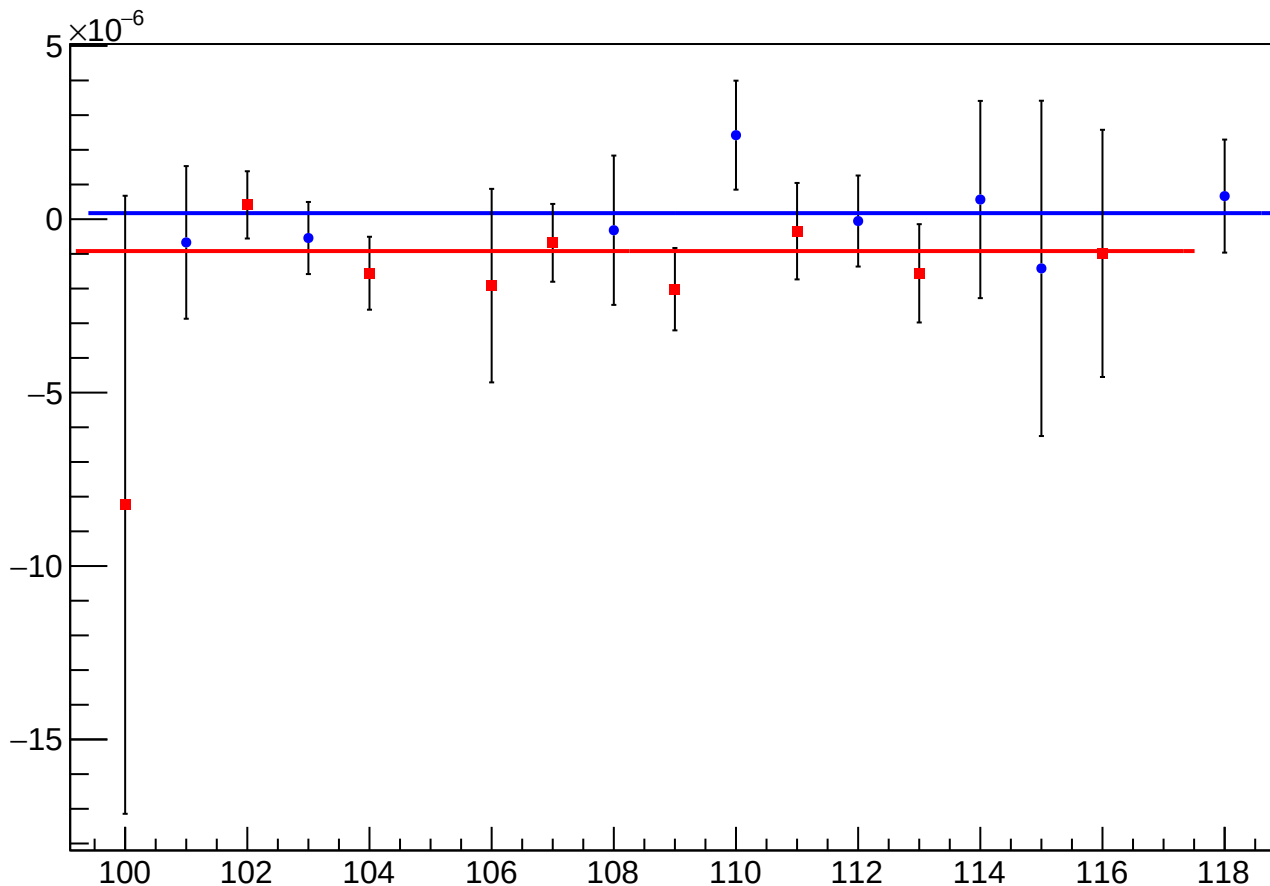
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.761 $\pm$ 0.007 χ^2 /NDF: 2182437.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 4.3/8

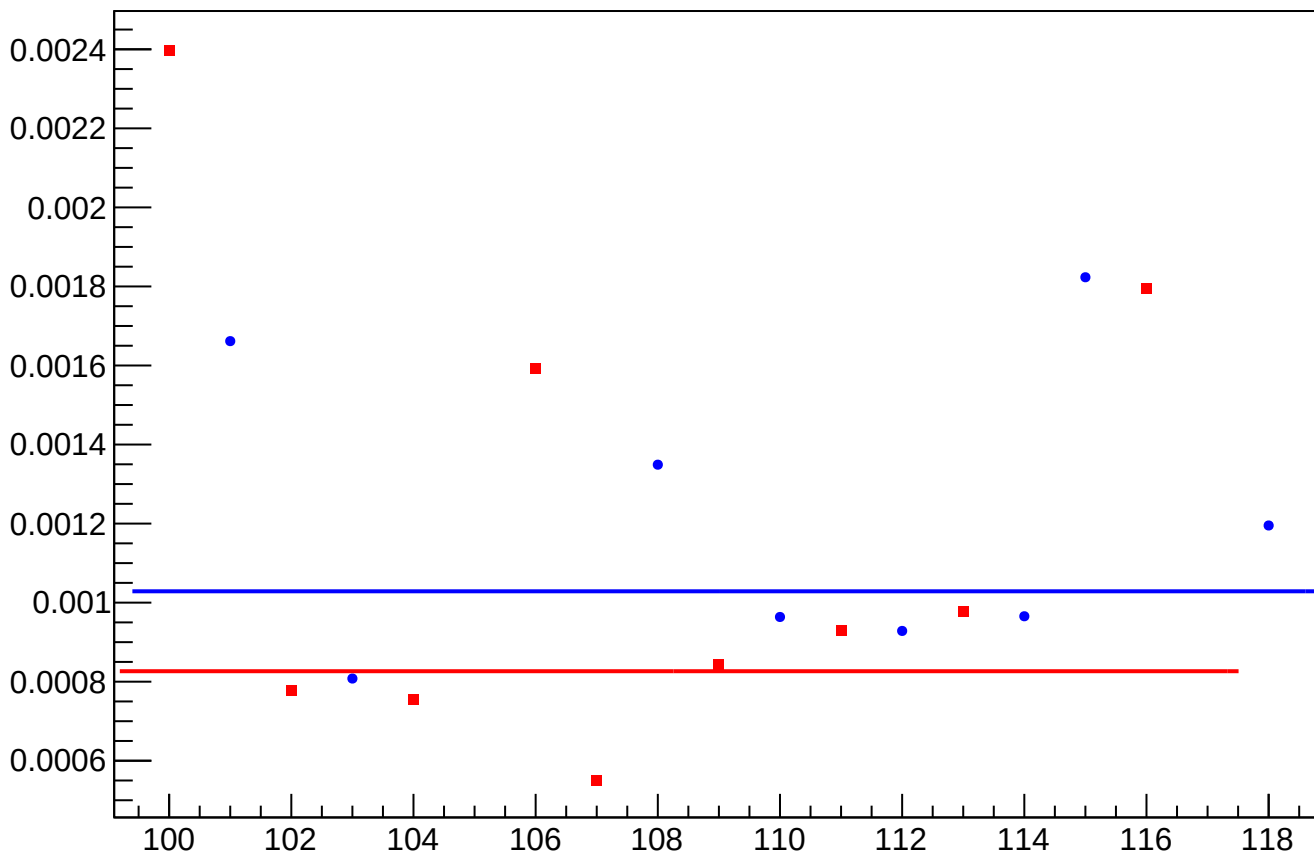
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 529978.5/8

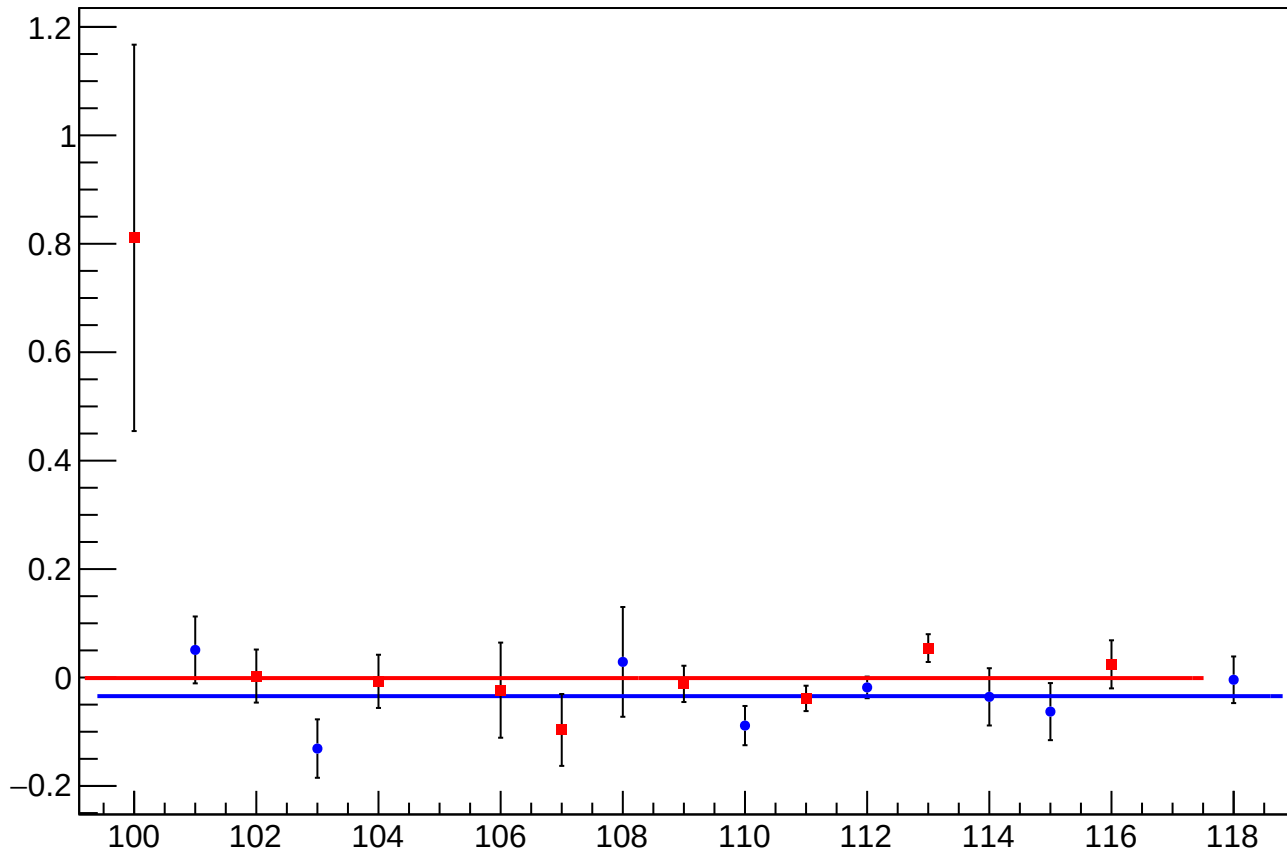
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1066887.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.001 $\pm$ 0.013 χ^2 /NDF: 15.0/8

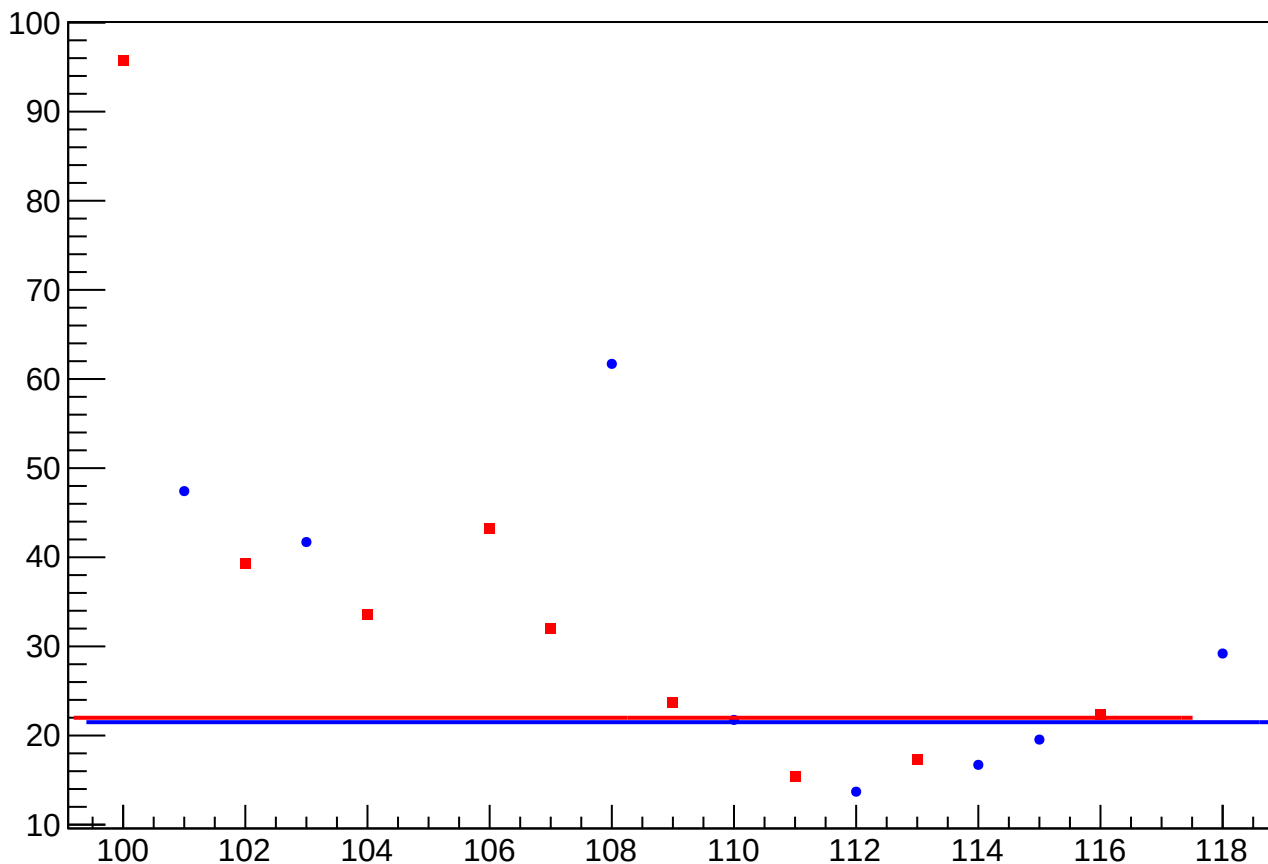
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.017 $\pm$ 0.009 χ^2 /NDF: 27.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 21.993 $\pm$ 0.009 χ^2 /NDF: 841551.0/8

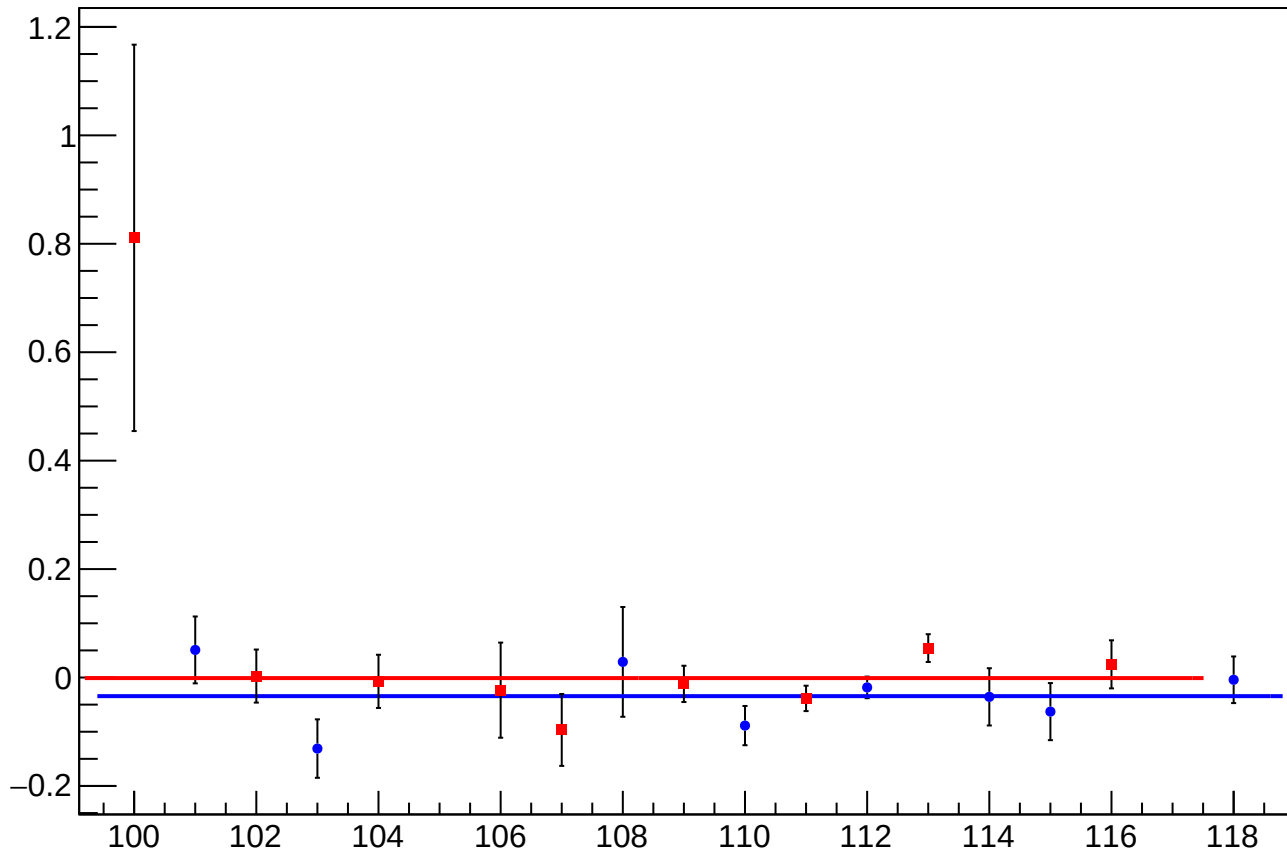
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.761 $\pm$ 0.007 χ^2 /NDF: 2182523.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.001±/-0.013 χ^2/NDF : 15.0/8

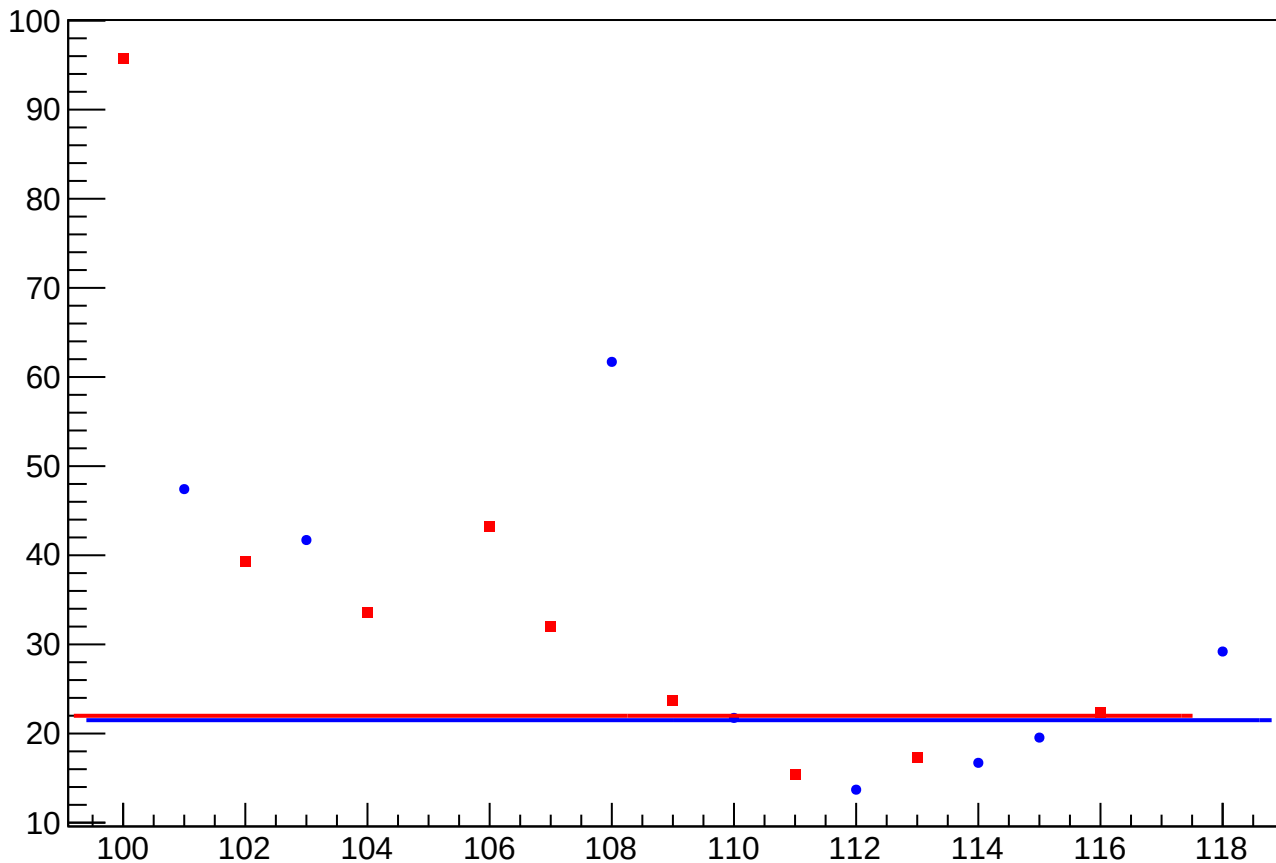
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -0.017±/-0.009 χ^2/NDF : 27.3/16

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 21.993 $\pm$ 0.009 χ^2 /NDF: 841551.0/8

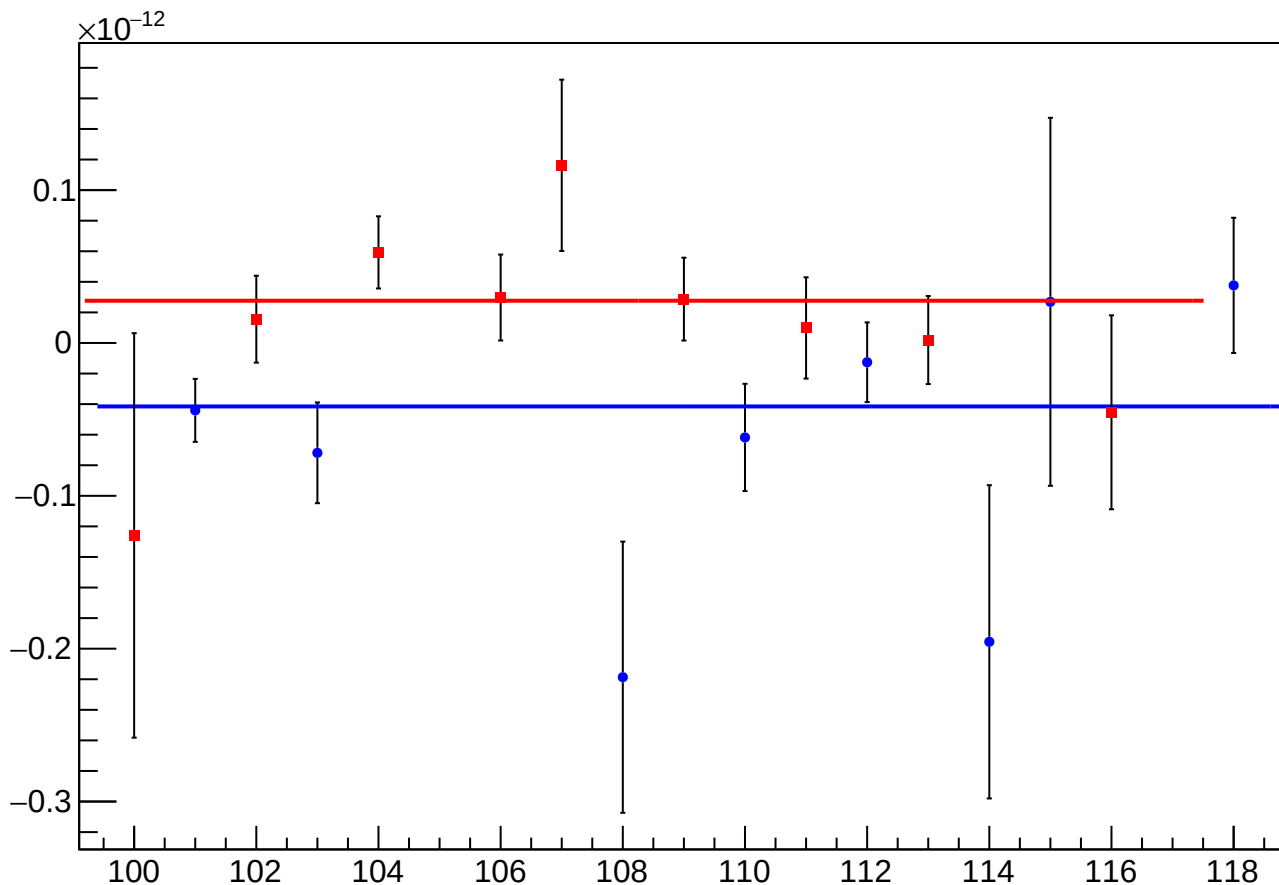
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.761 $\pm$ 0.007 χ^2 /NDF: 2182523.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/8

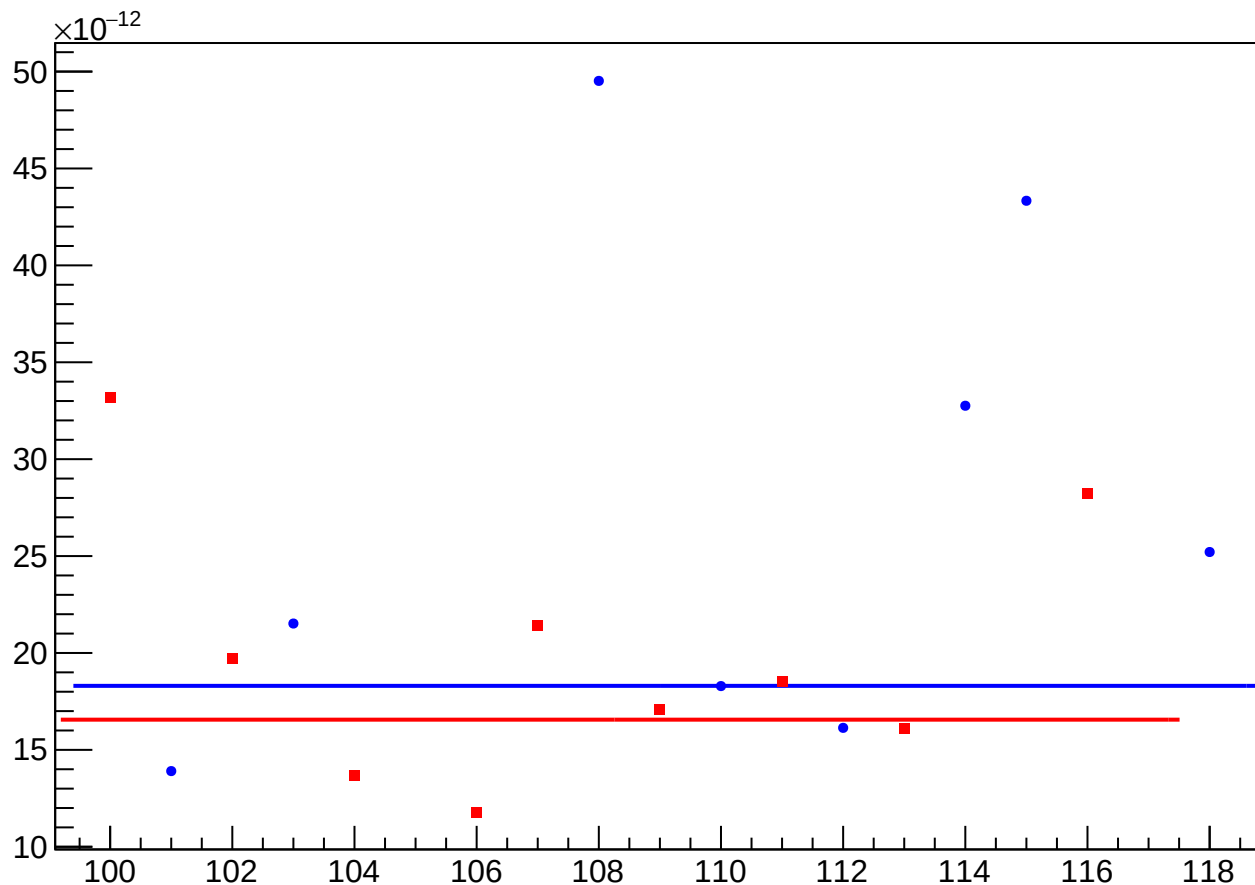
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 37.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 234285.7/8

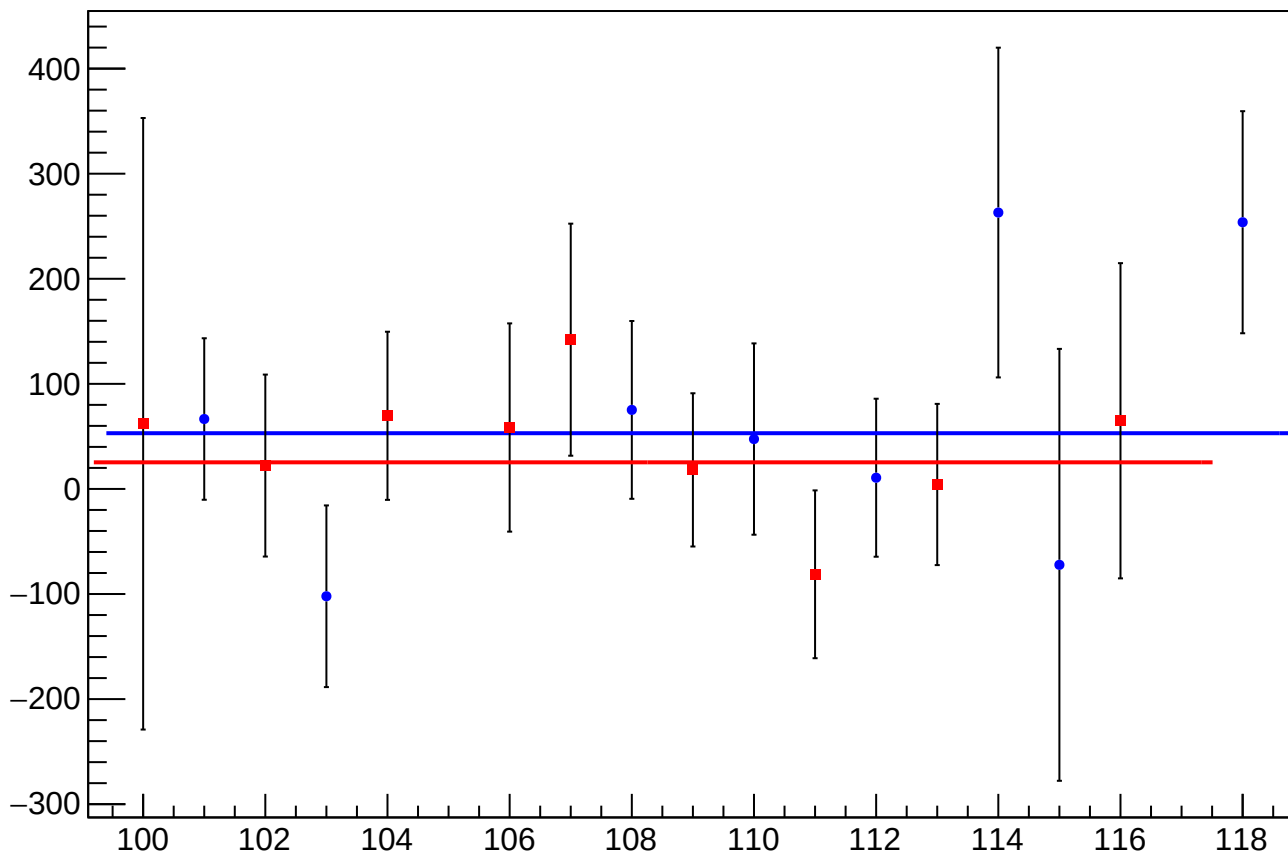
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 803031.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



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: 25.320+/-30.941 χ^2/NDF : 3.5/8

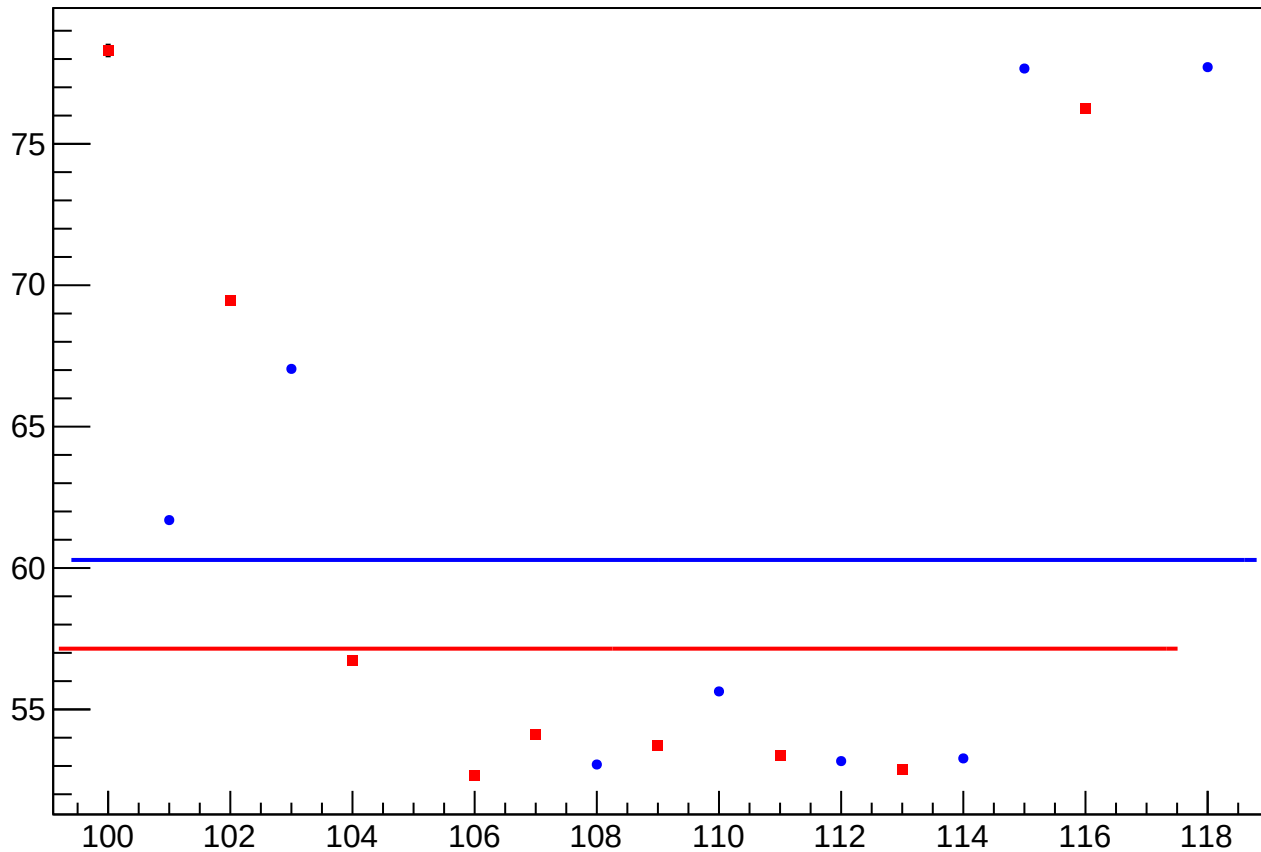
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.103+/-22.711 χ^2/NDF : 13.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



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: 57.149+/-0.022 χ^2/NDF : 104175.9/8

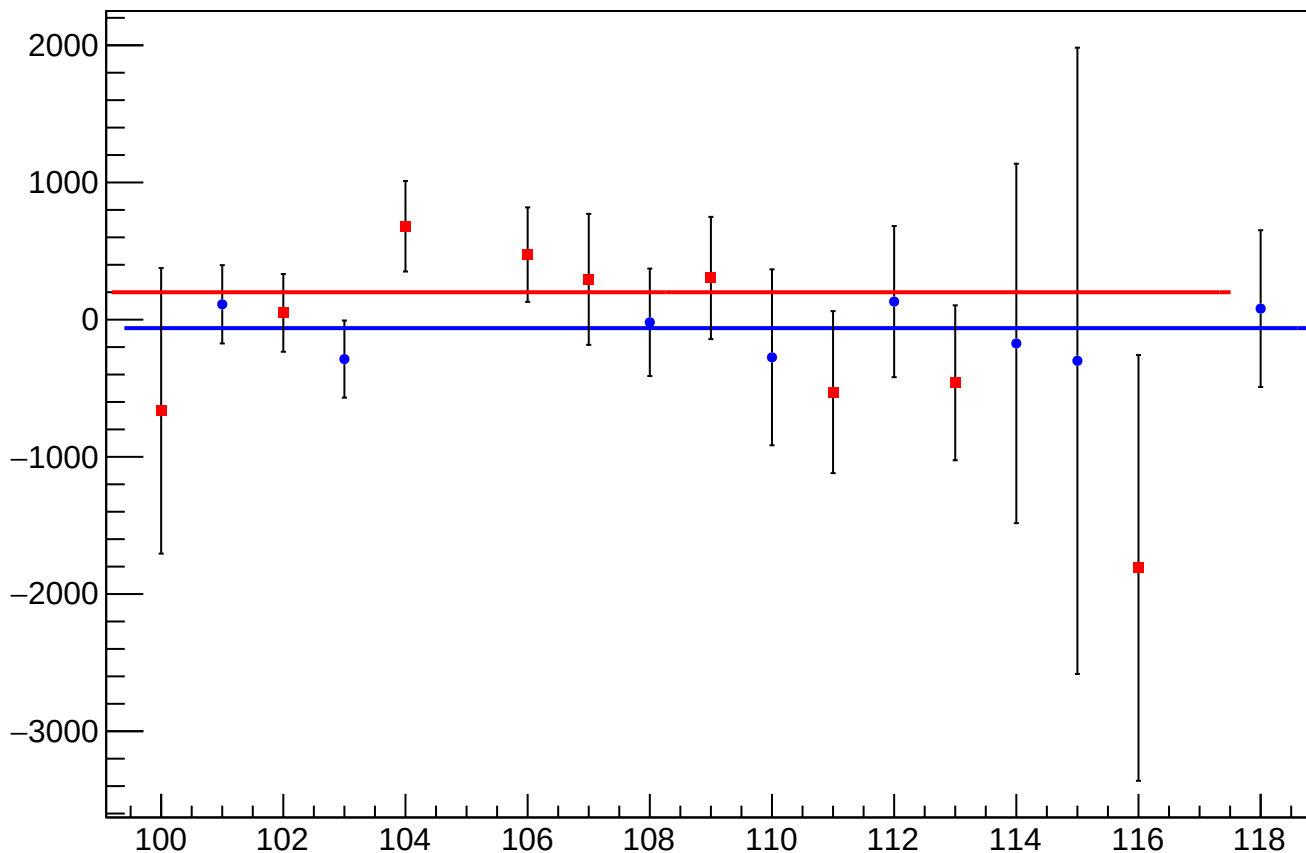
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.596+/-0.016 χ^2/NDF : 236983.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -61.708 $\pm$ 156.136 χ^2 /NDF: 1.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 199.930 $\pm$ 146.138 χ^2 /NDF: 8.4/8

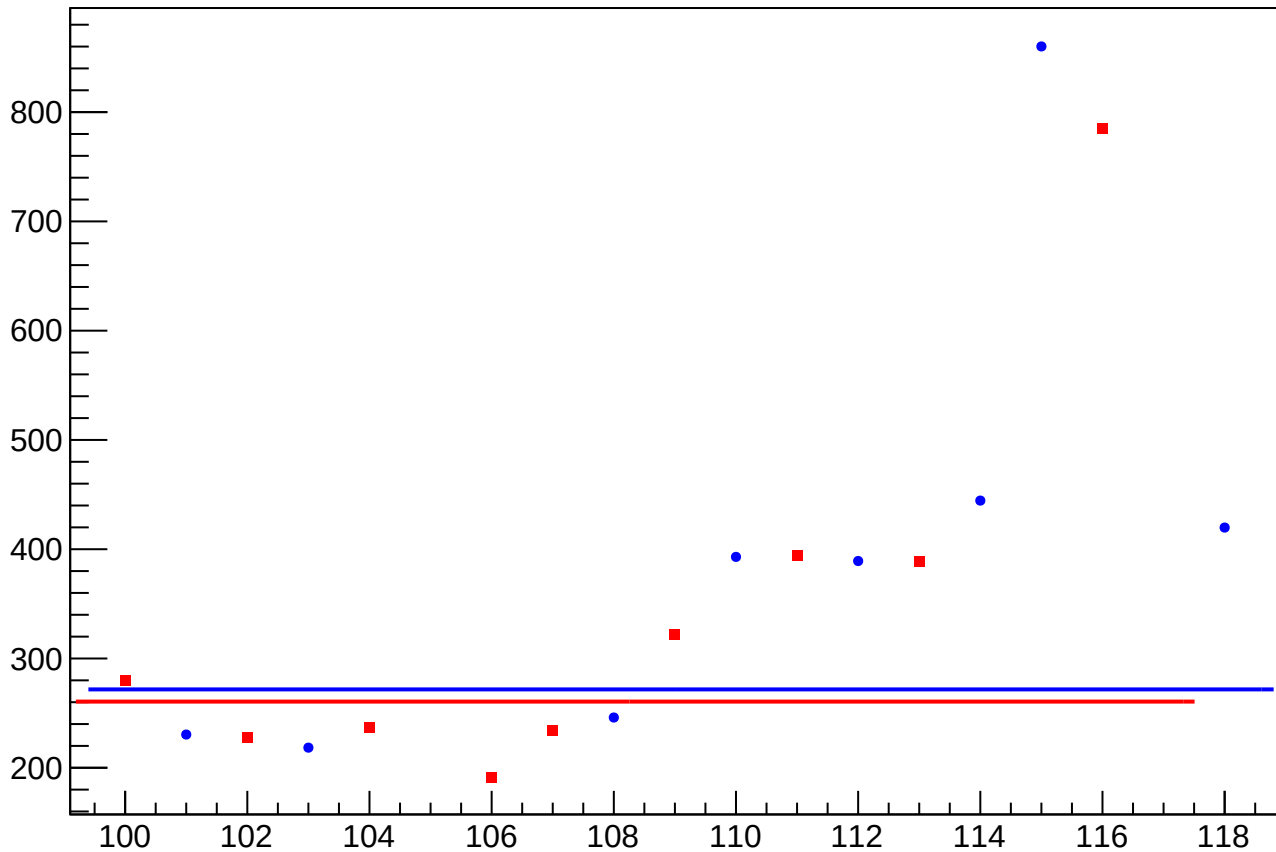
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.756 $\pm$ 106.695 χ^2 /NDF: 11.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 271.715 $\pm$ 0.110 χ^2 /NDF: 587143.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.553 $\pm$ 0.103 χ^2 /NDF: 596968.2/8

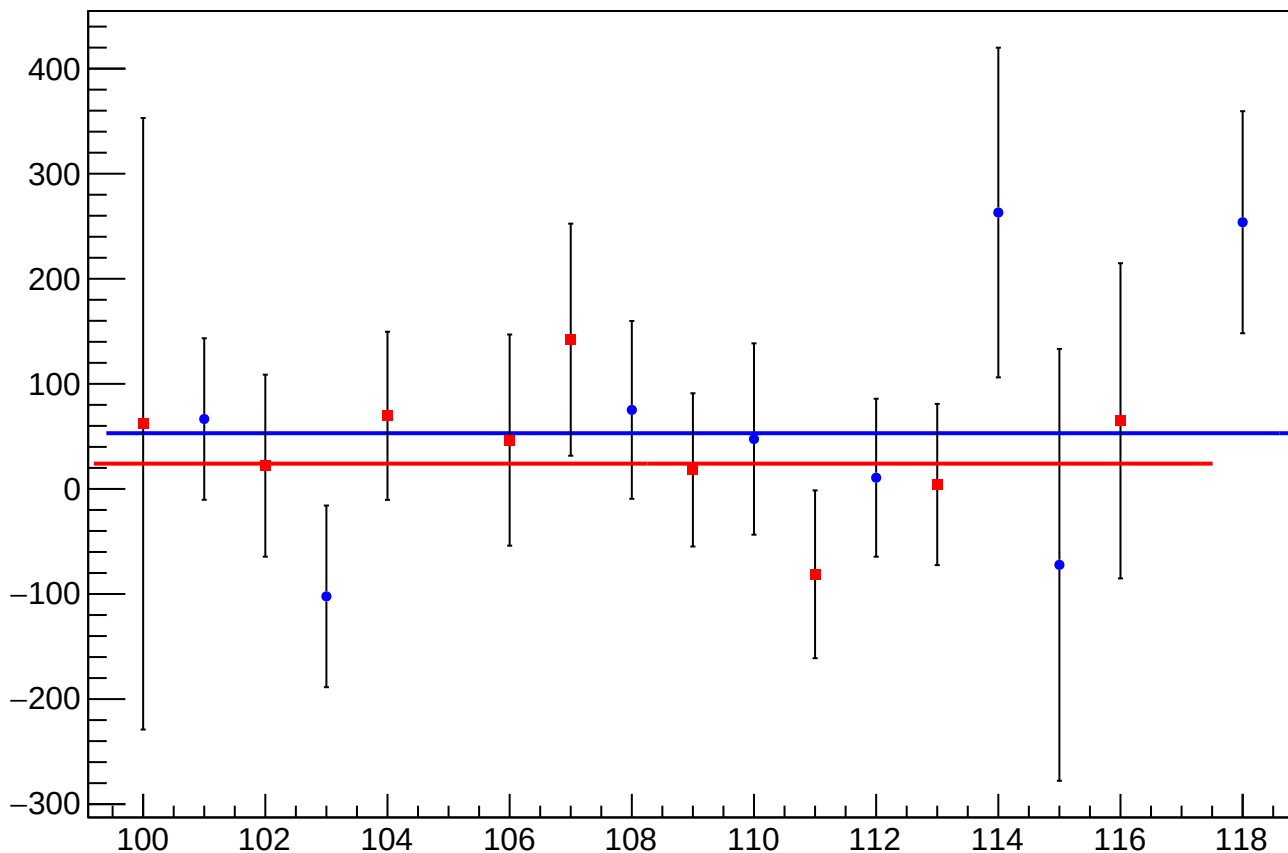
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 265.765 $\pm$ 0.075 χ^2 /NDF: 1189560.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



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: 24.079+/-30.983 χ^2/NDF : 3.4/8

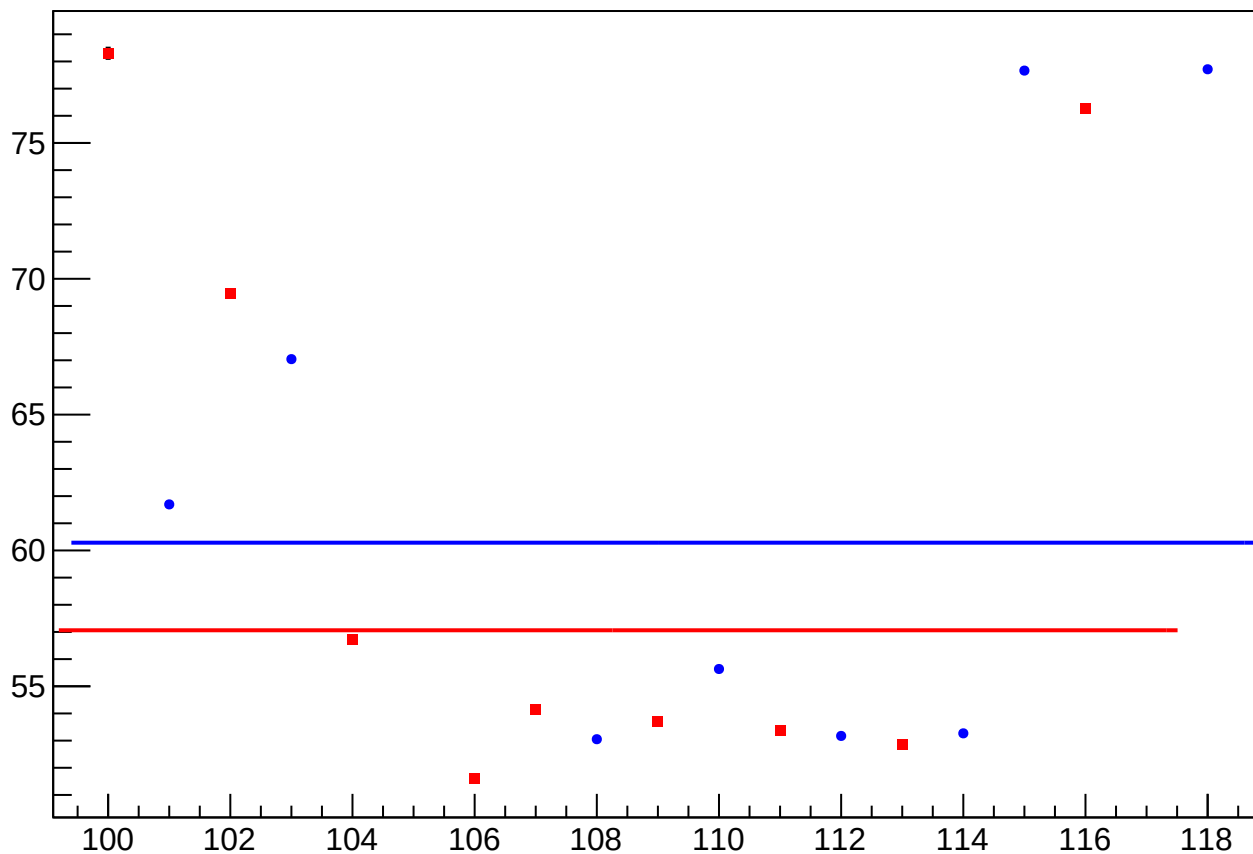
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.449+/-22.727 χ^2/NDF : 13.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



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: 57.061+/-0.022 χ^2/NDF : 106257.9/8

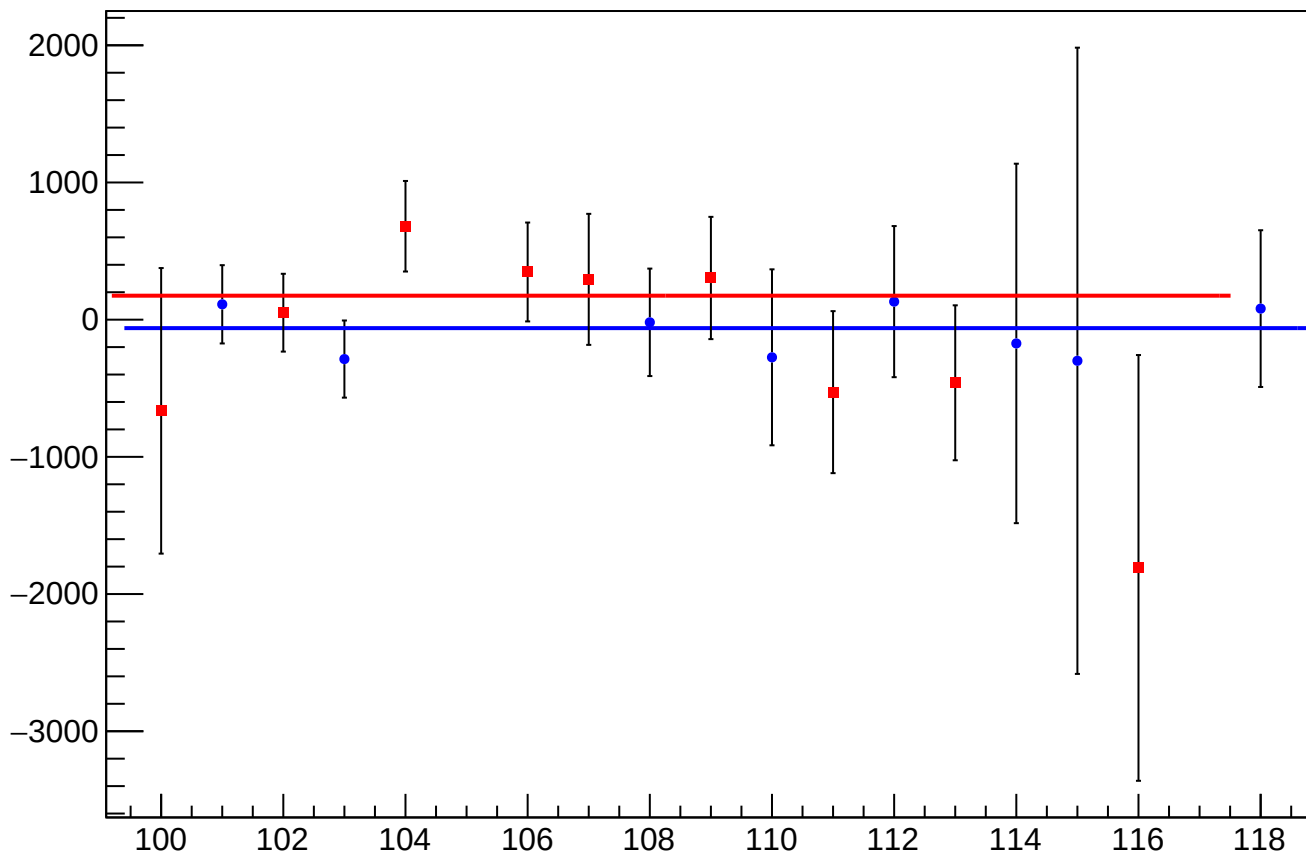
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.551+/-0.016 χ^2/NDF : 239588.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -61.684 $\pm$ 156.138 χ^2 /NDF: 1.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.778 $\pm$ 147.322 χ^2 /NDF: 7.9/8

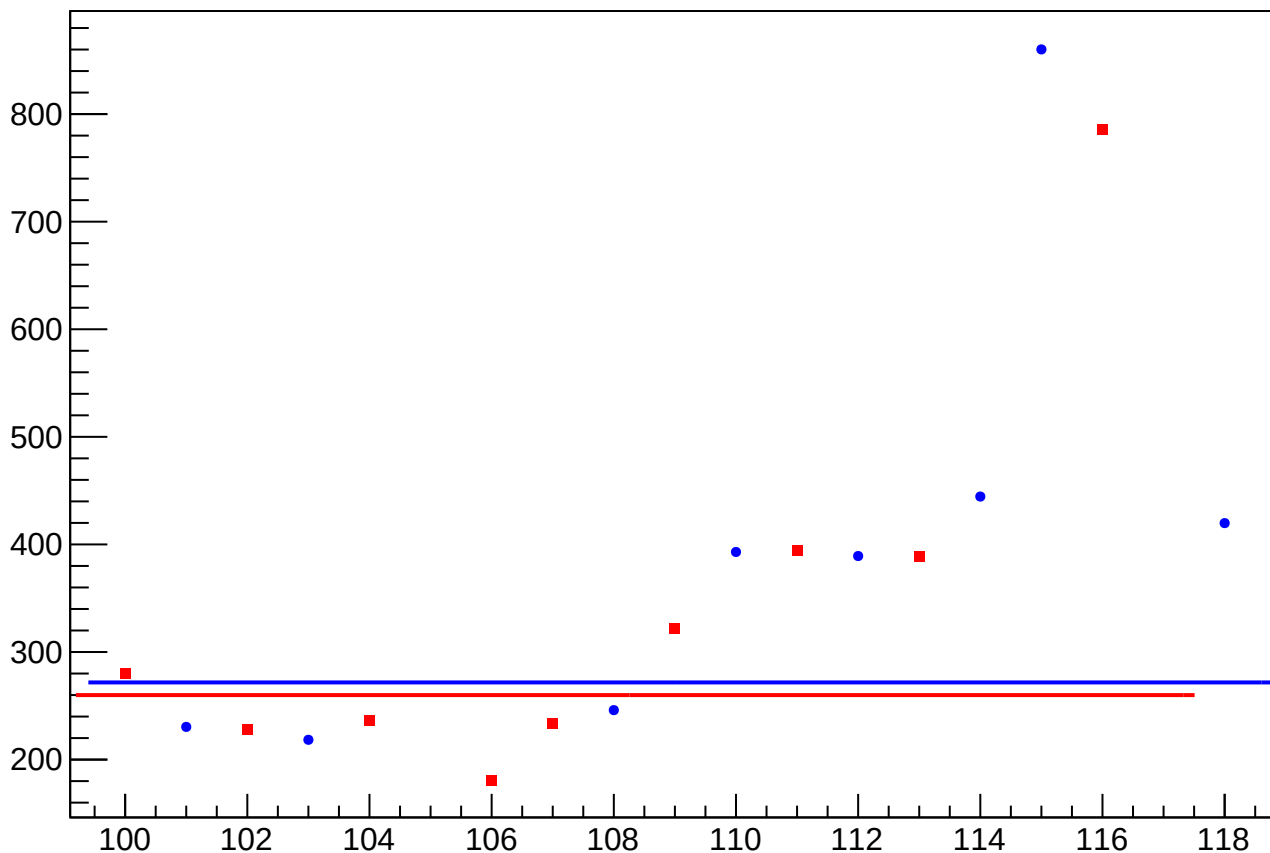
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.410 $\pm$ 107.154 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



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: 259.957+/-0.104 χ^2/NDF : 613768.4/8

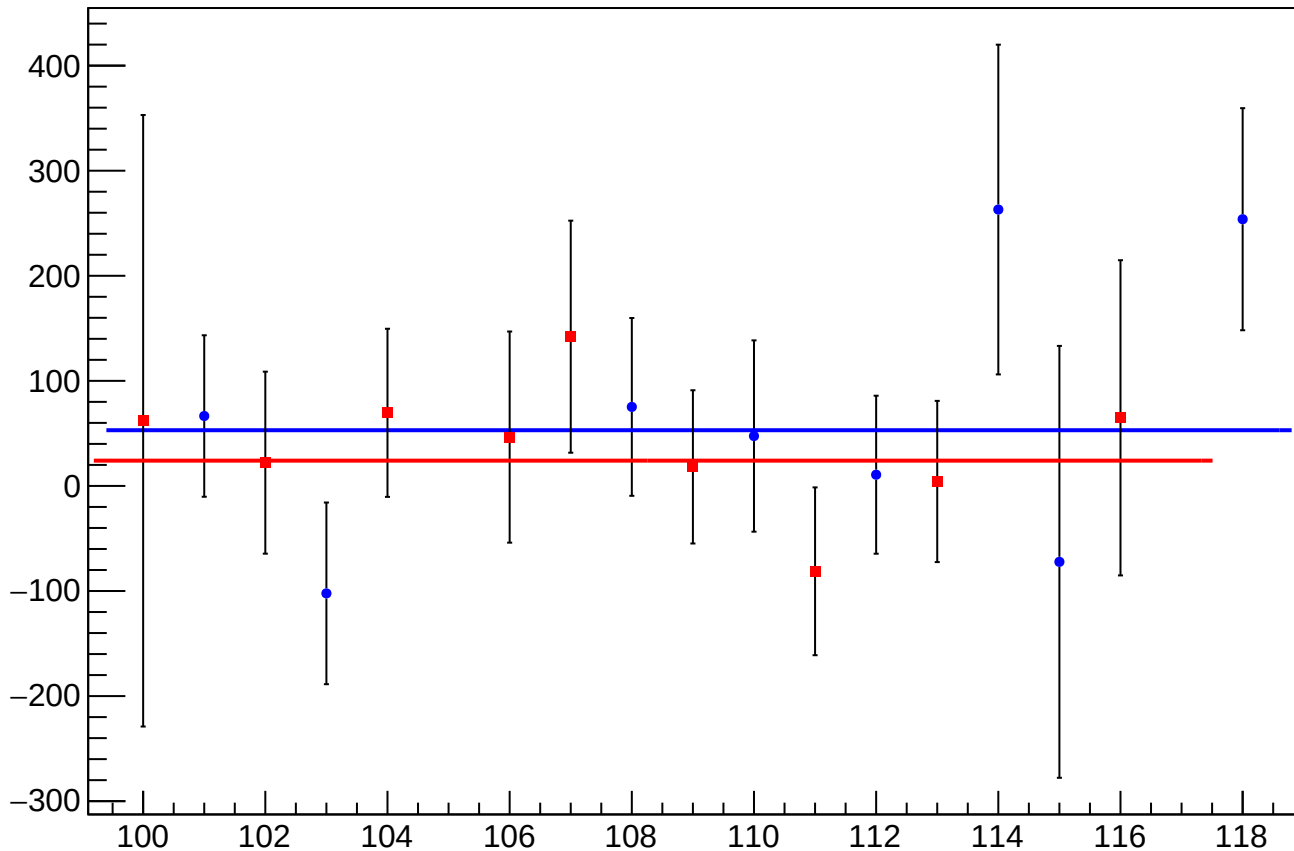
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.496+/-0.076 χ^2/NDF : 1206889.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



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: 24.079+/-30.983 χ^2/NDF : 3.4/8

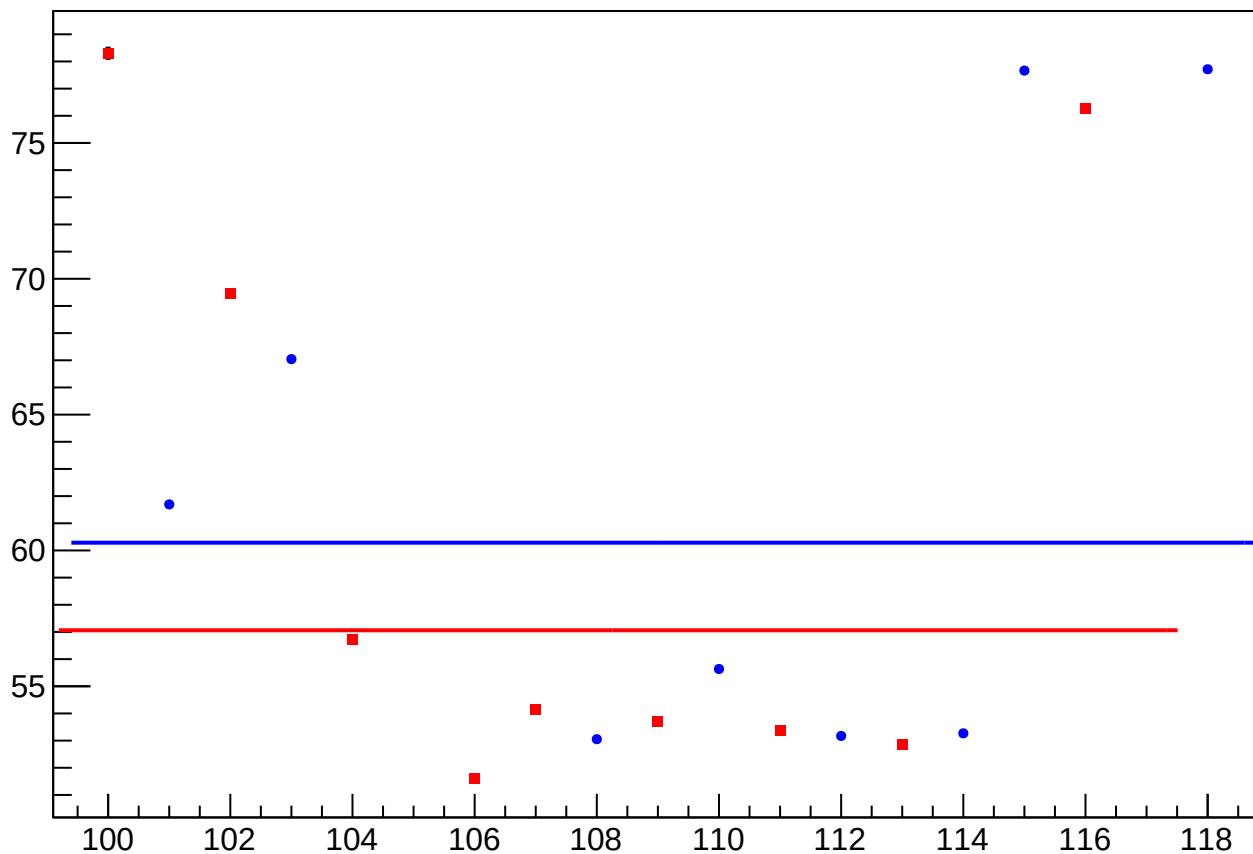
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.449+/-22.727 χ^2/NDF : 13.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 60.286 $\pm$ 0.024 χ^2 /NDF: 123324.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.061 $\pm$ 0.022 χ^2 /NDF: 106257.9/8

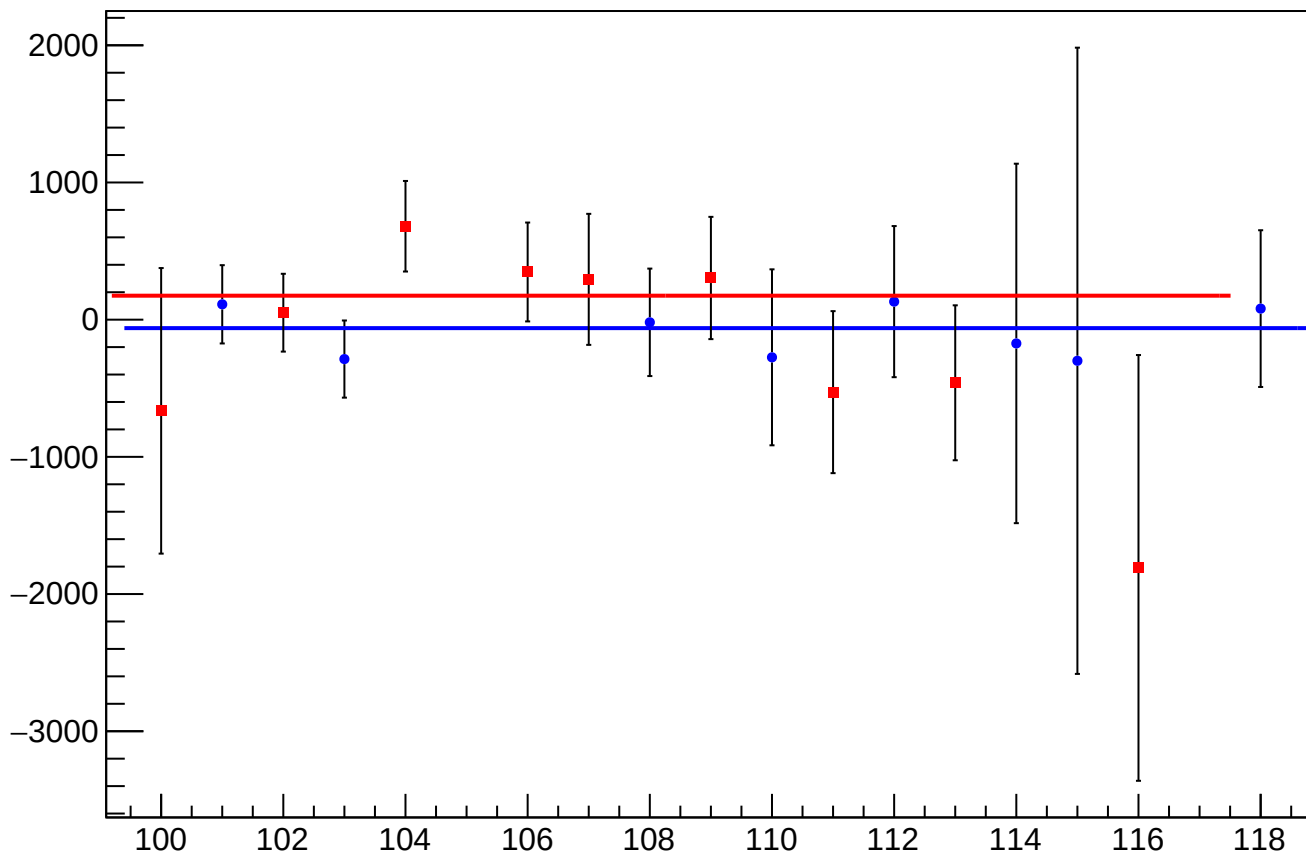
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.551 $\pm$ 0.016 χ^2 /NDF: 239588.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -61.684 $\pm$ 156.138 χ^2 /NDF: 1.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.778 $\pm$ 147.322 χ^2 /NDF: 7.9/8

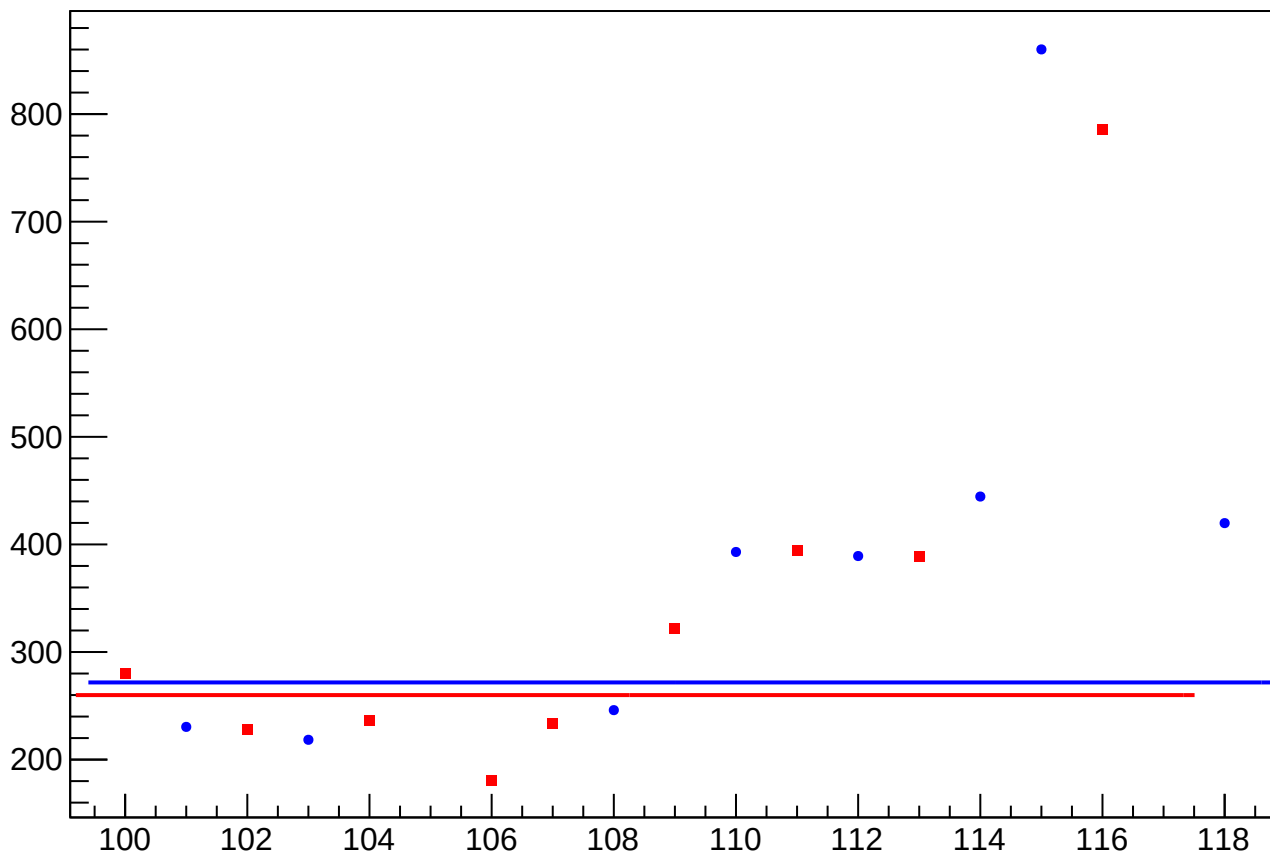
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.410 $\pm$ 107.154 χ^2 /NDF: 10.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



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: 259.957+/-0.104 χ^2/NDF : 613768.4/8

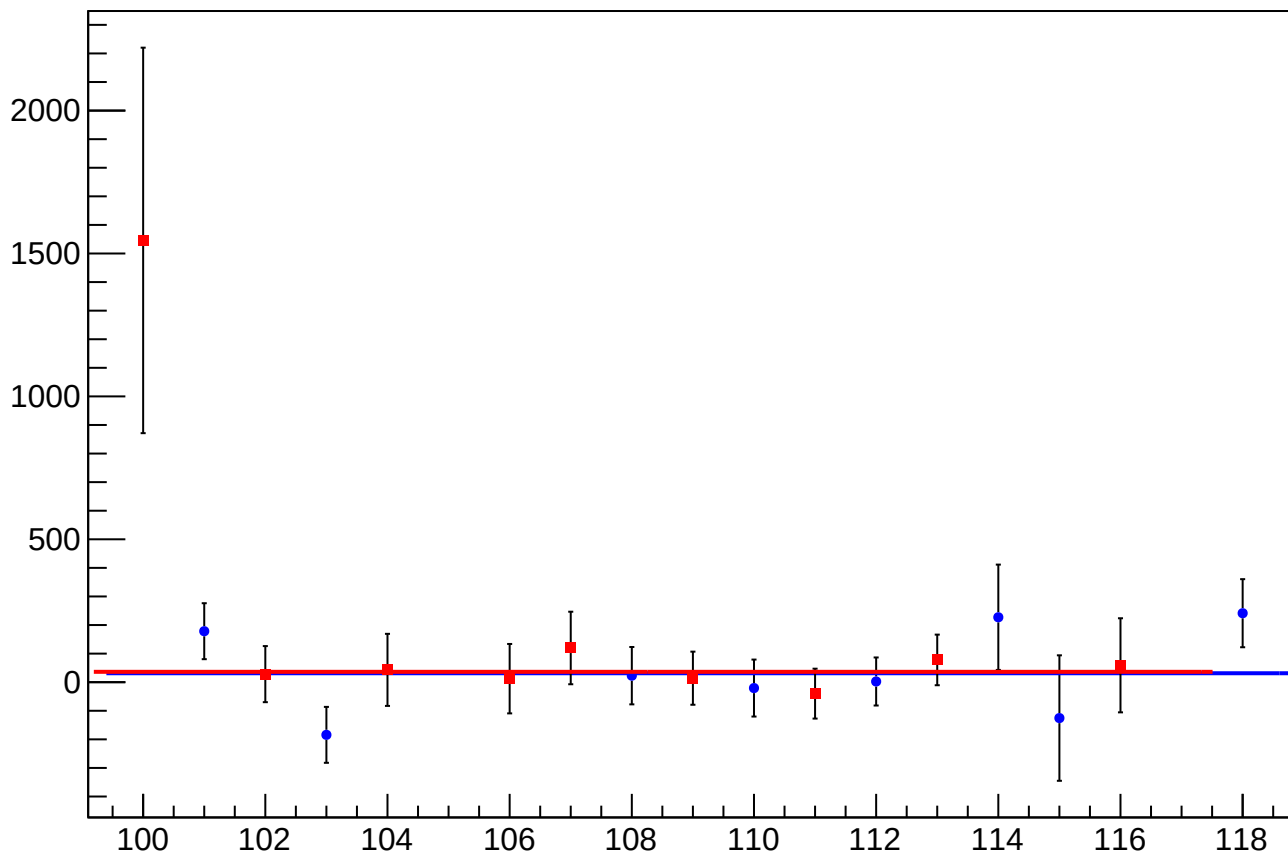
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.496+/-0.076 χ^2/NDF : 1206889.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 31.322 $\pm$ 38.607 χ^2 /NDF: 12.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.305 $\pm$ 37.519 χ^2 /NDF: 6.6/8

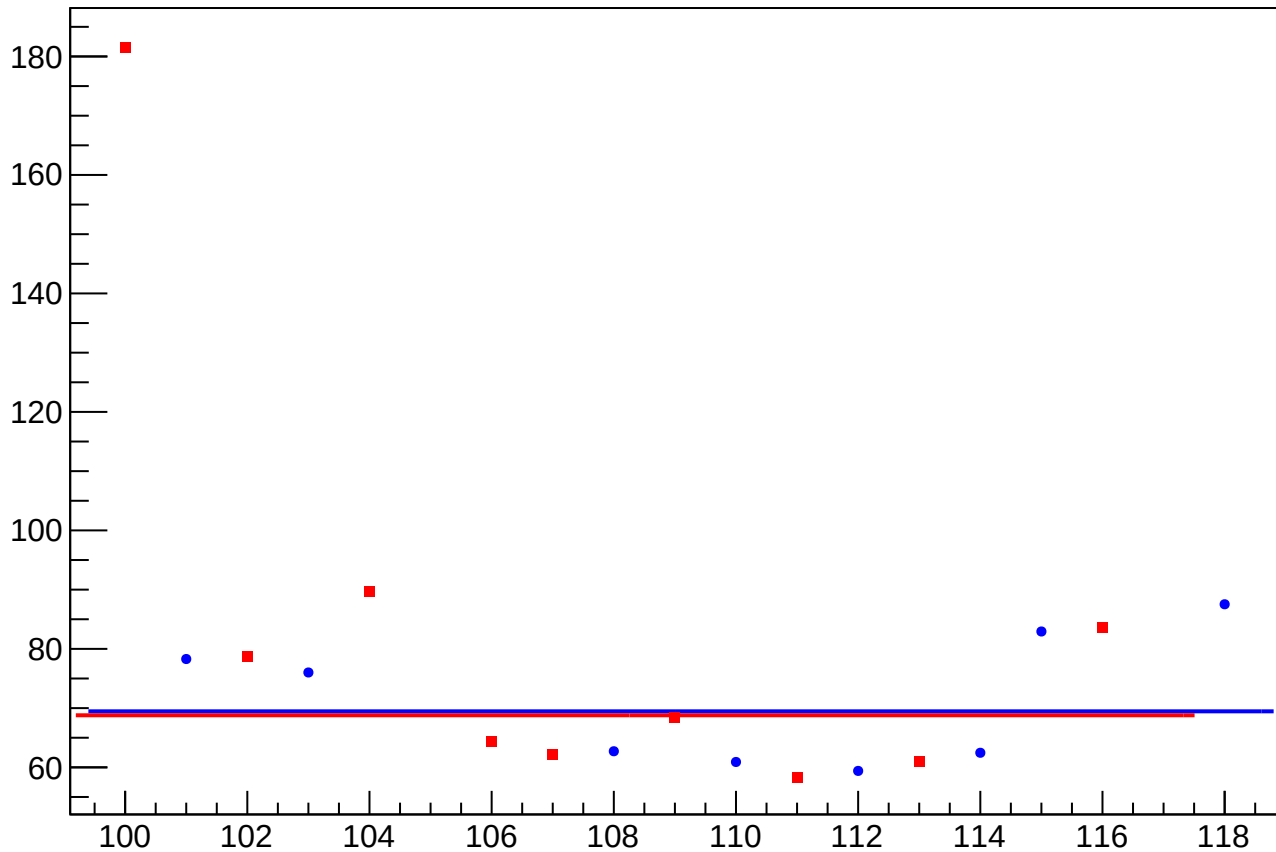
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.885 $\pm$ 26.906 χ^2 /NDF: 18.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



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: 68.791+/-0.027 χ^2/NDF : 200057.9/8

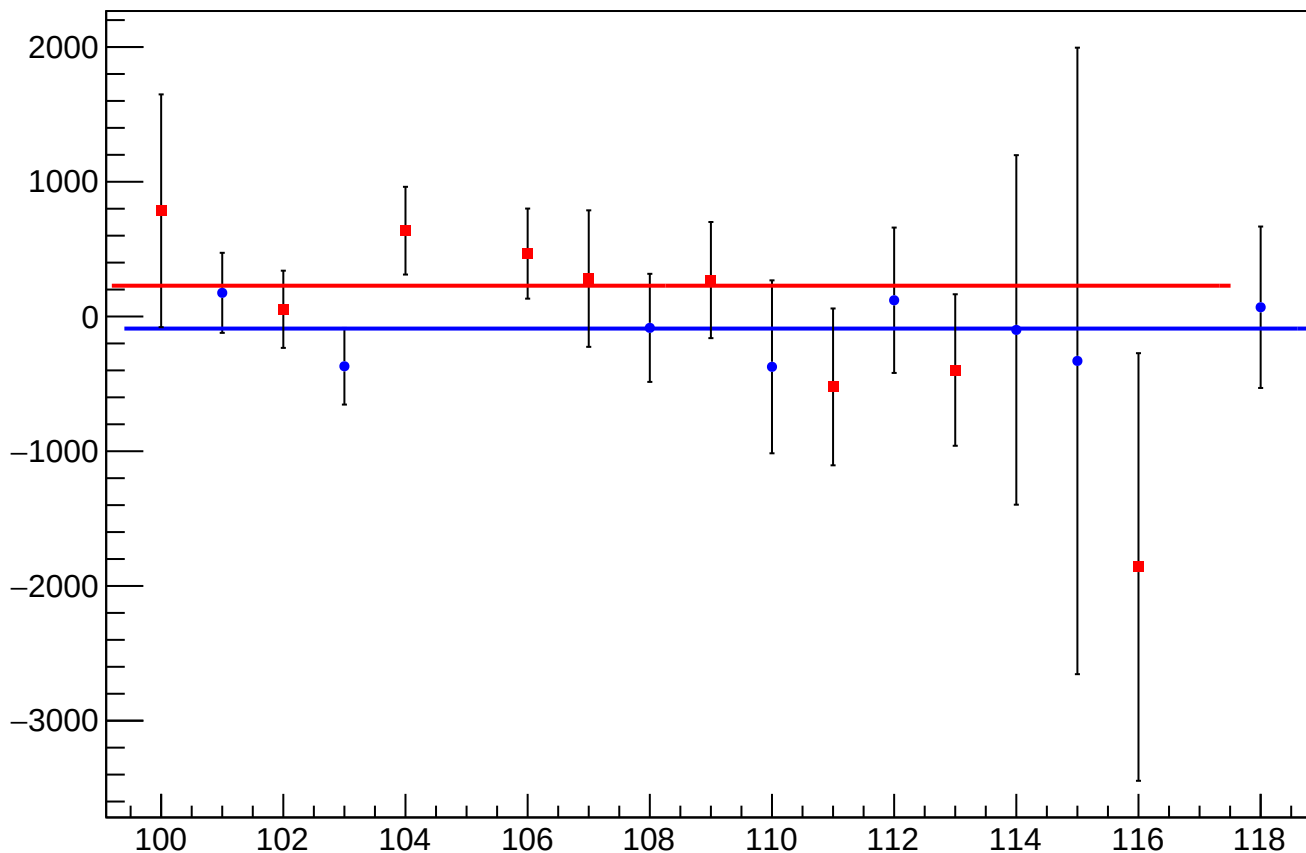
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.115+/-0.019 χ^2/NDF : 334418.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -89.584 ± 159.433 χ^2/NDF : 2.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 228.586 ± 144.810 χ^2/NDF : 7.5/8

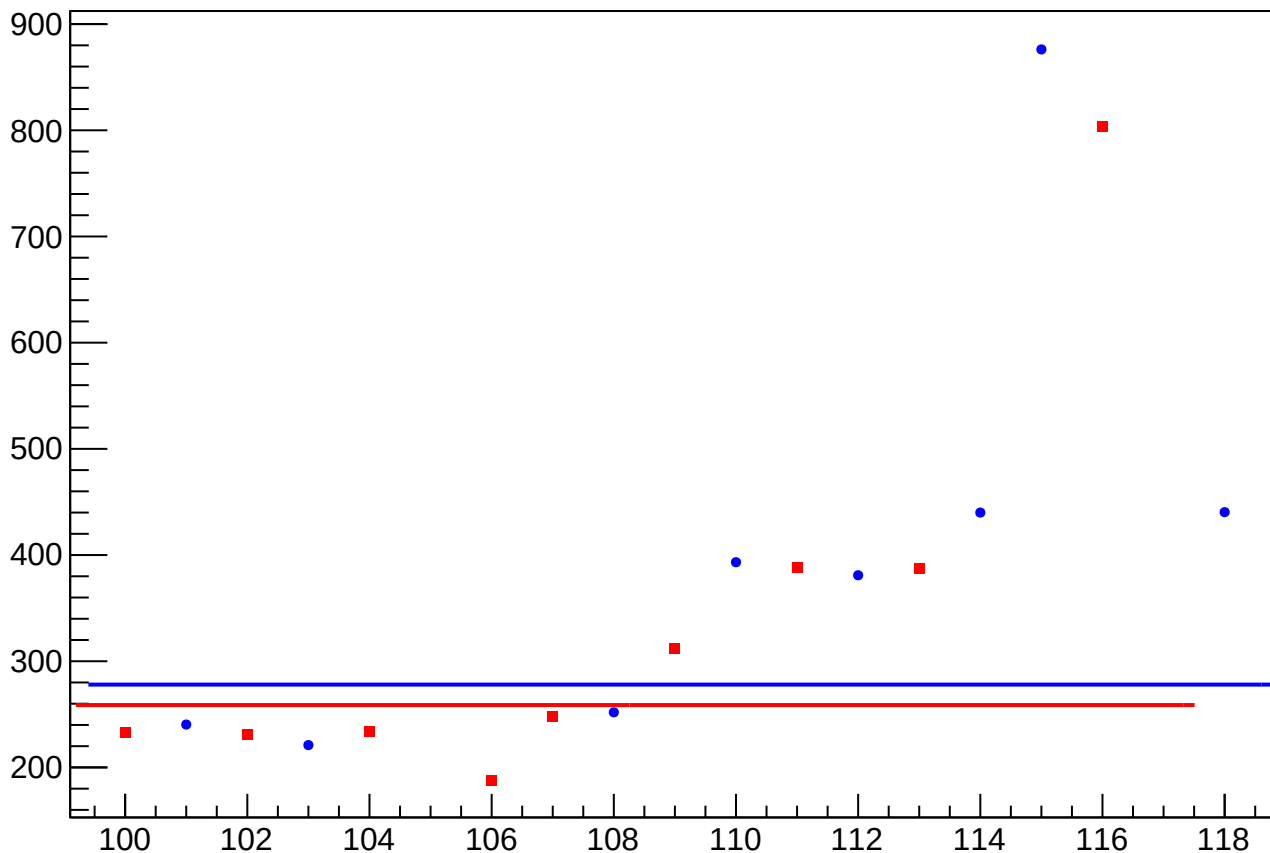
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 84.758 ± 107.194 χ^2/NDF : 11.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



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: 258.745+/-0.102 χ^2/NDF : 594492.5/8

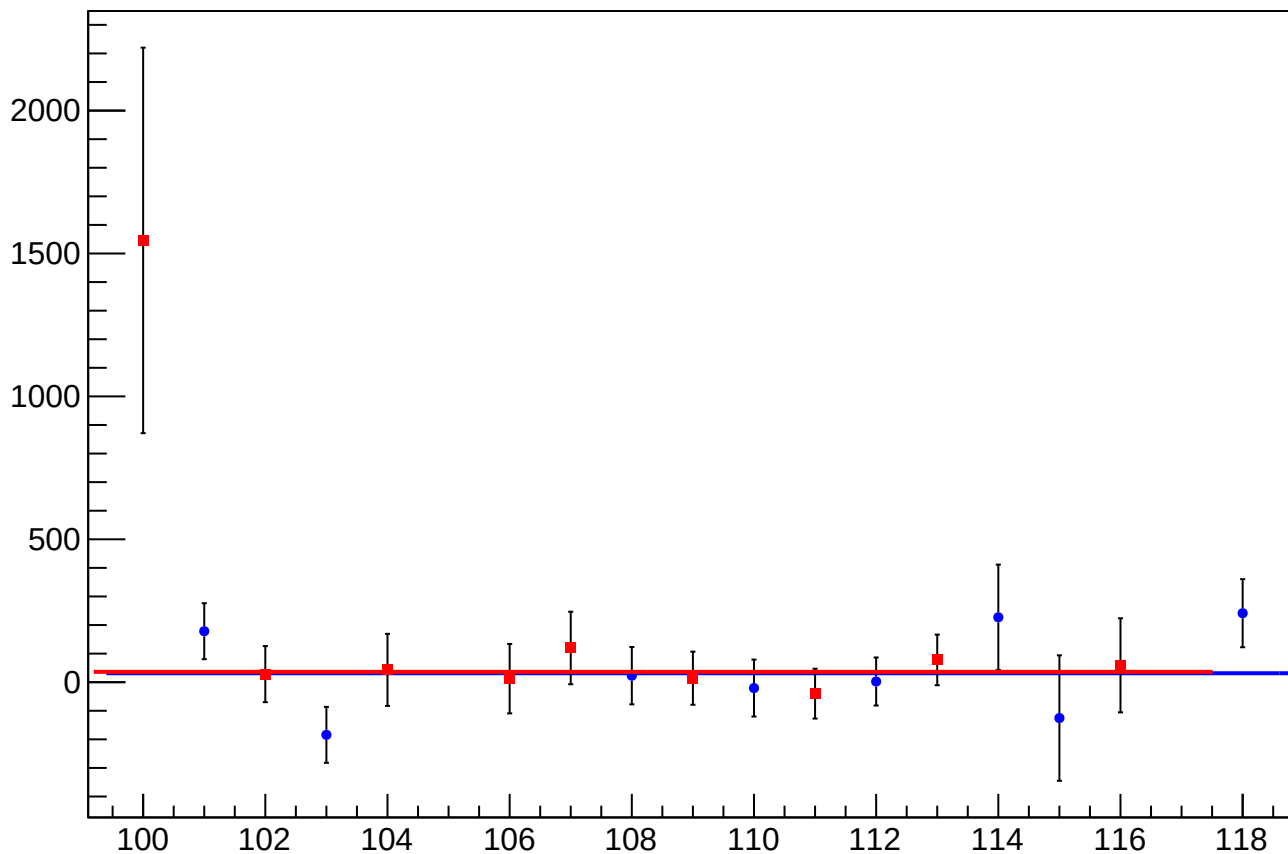
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.451+/-0.076 χ^2/NDF : 1179144.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



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: 36.305+/-37.519 χ^2/NDF : 6.6/8

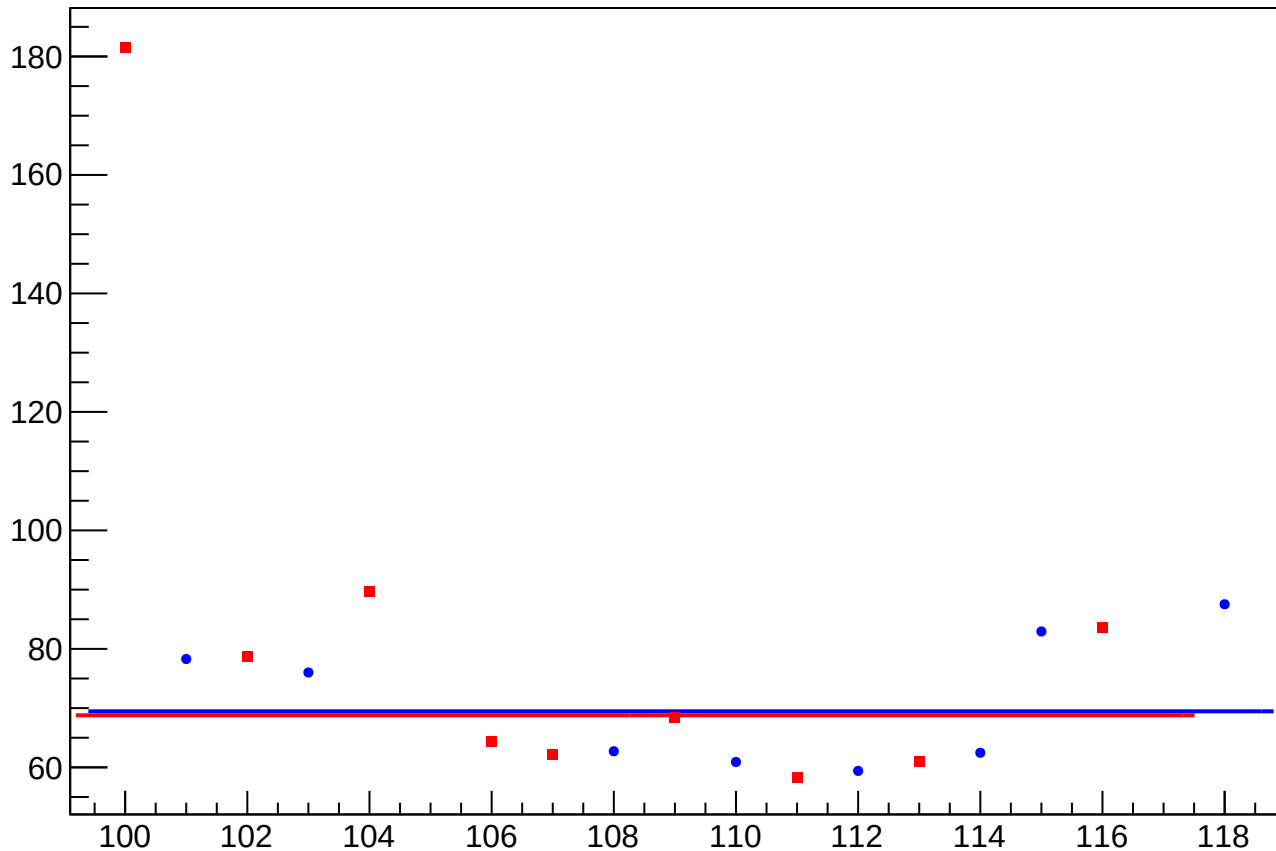
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.885+/-26.906 χ^2/NDF : 18.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



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: 68.791+/-0.027 χ^2/NDF : 200063.2/8

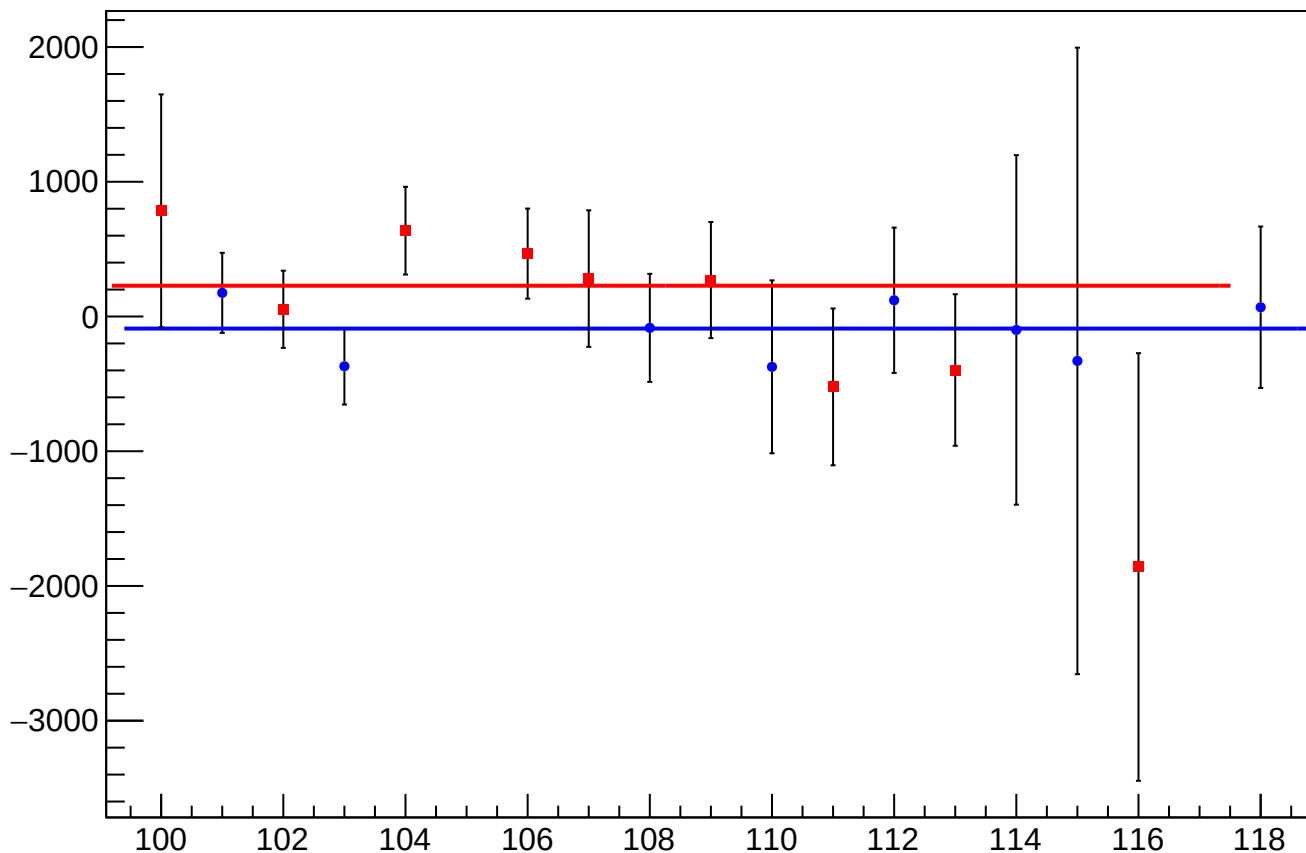
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.115+/-0.019 χ^2/NDF : 334424.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



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: 228.586 $\pm$ 144.810 χ^2 /NDF: 7.5/8

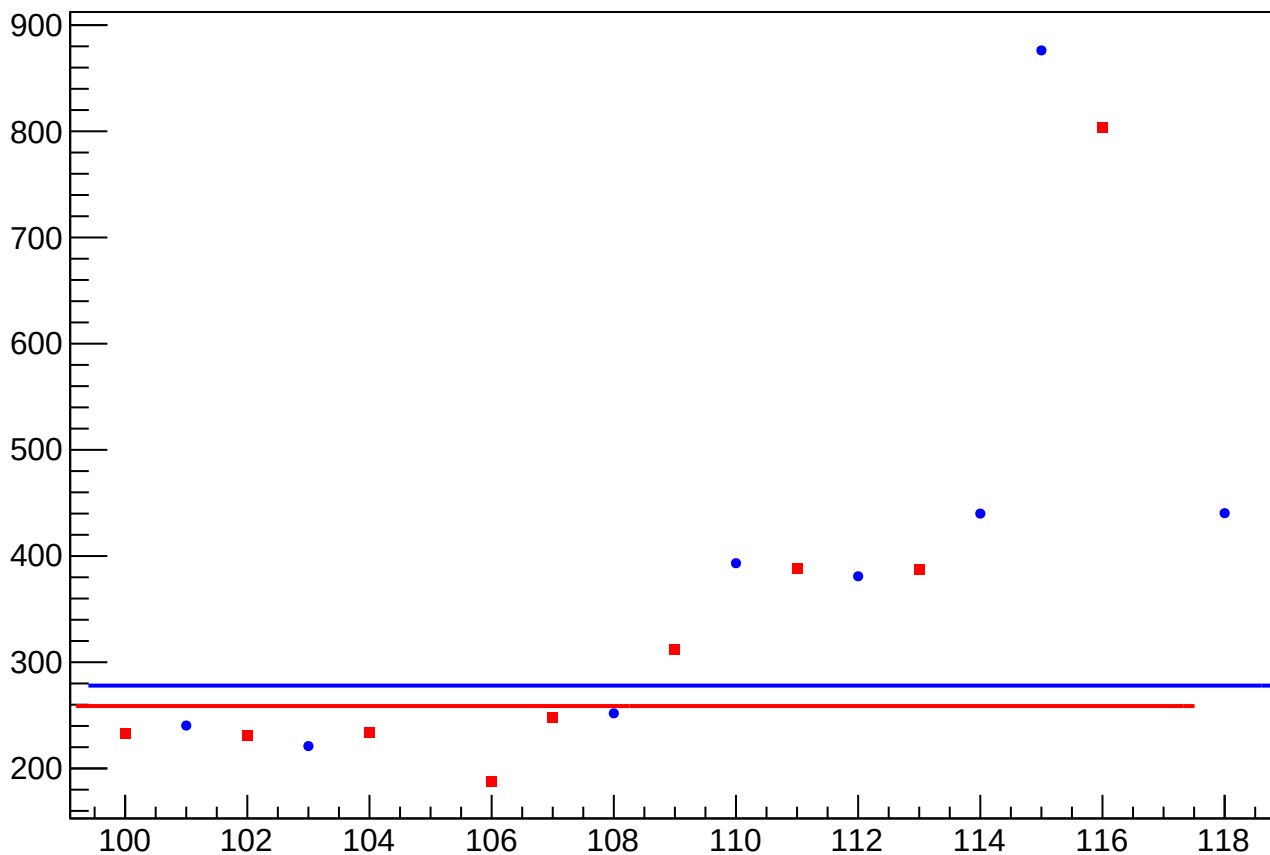
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.758 $\pm$ 107.194 χ^2 /NDF: 11.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



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: 258.745+/-0.102 χ^2/NDF : 594489.9/8

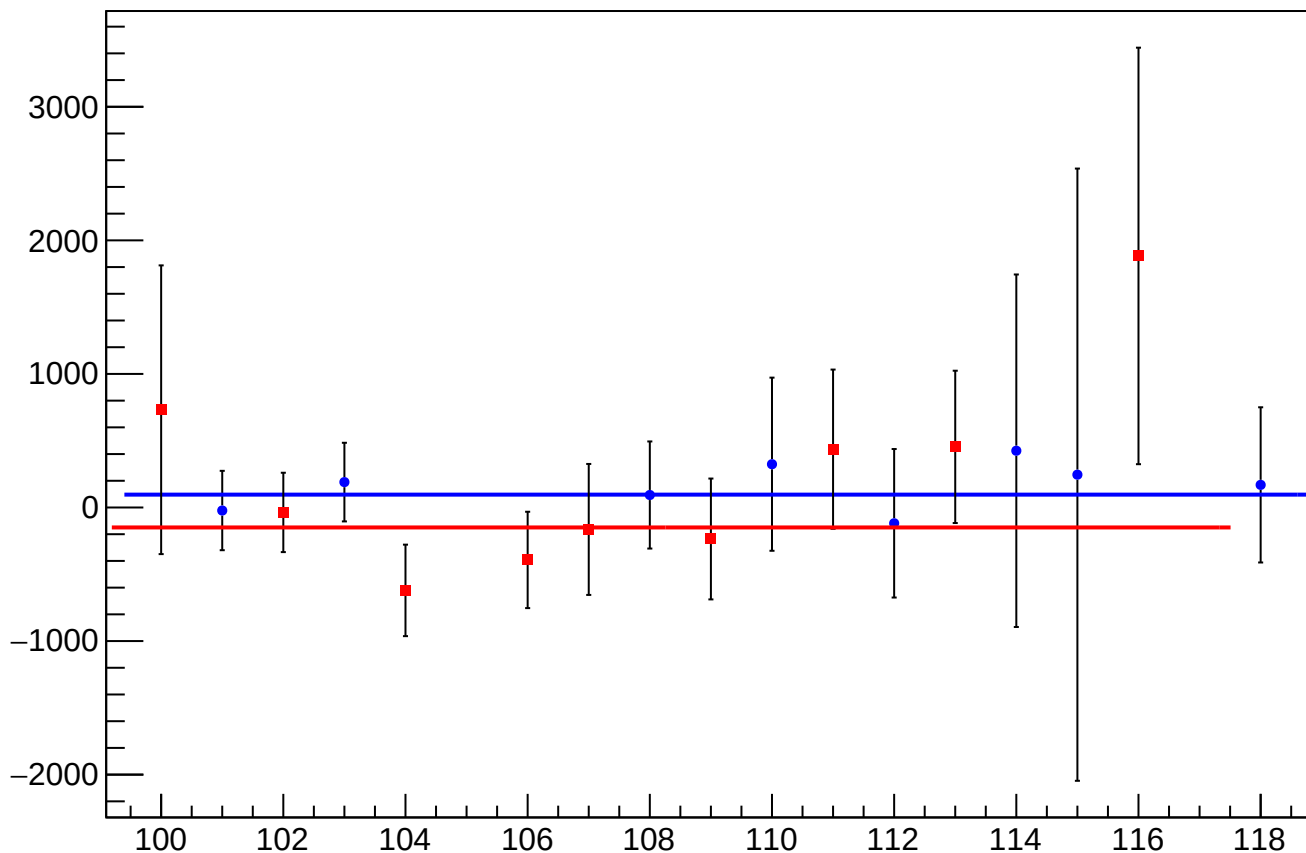
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 267.451+/-0.076 χ^2/NDF : 1179141.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



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: -149.380+/-151.191 χ^2/NDF : 7.0/8

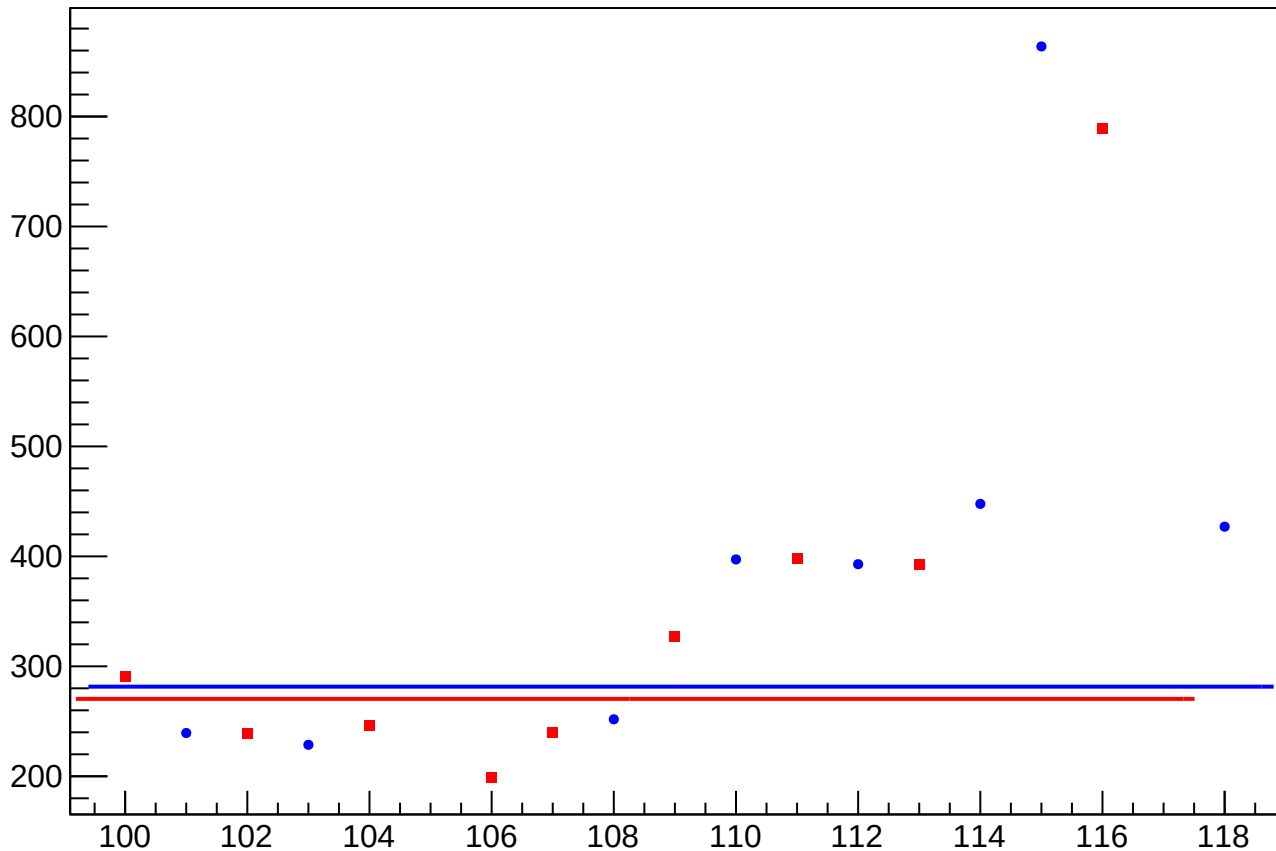
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.481+/-110.309 χ^2/NDF : 8.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_rms vs Slug



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: 270.407+/-0.107 χ^2/NDF : 555276.6/8

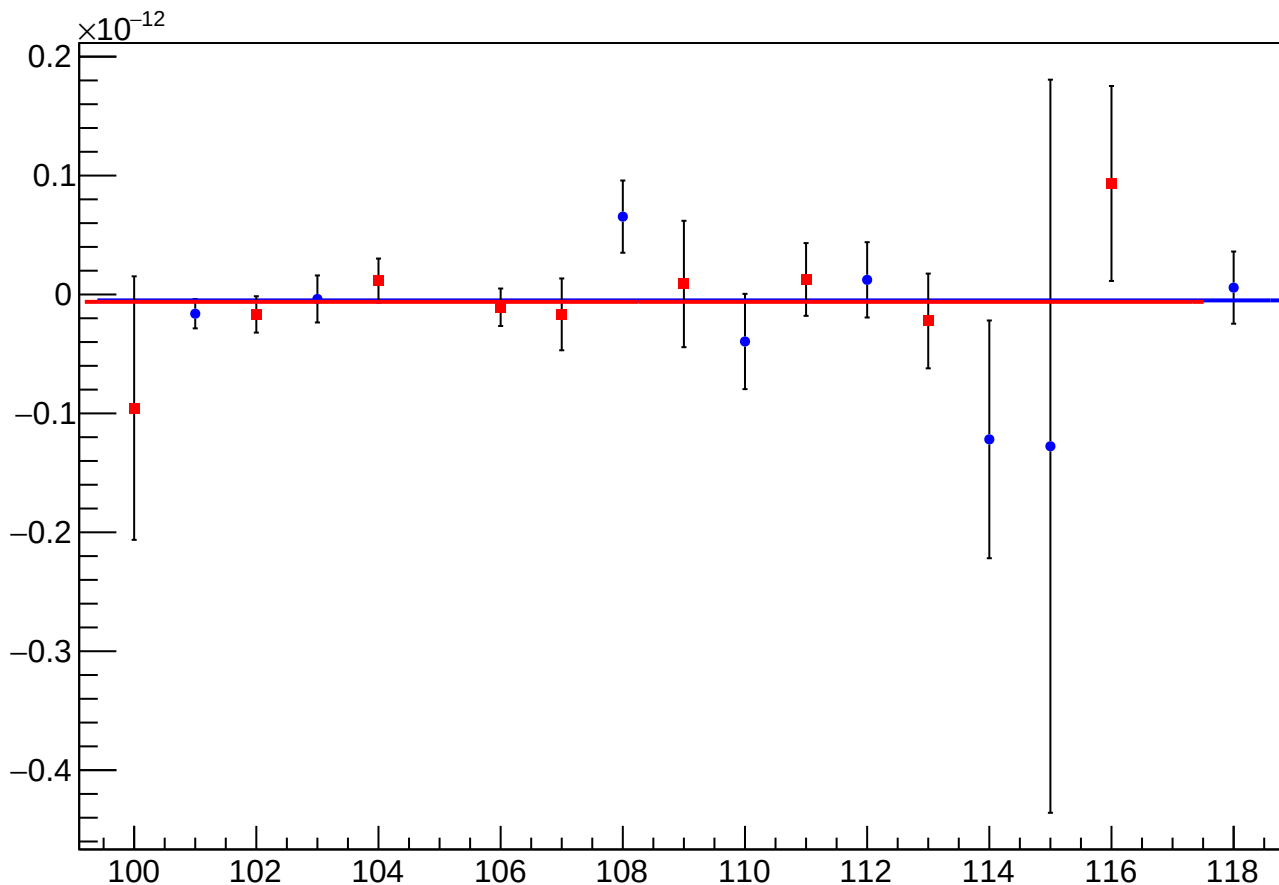
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.602+/-0.078 χ^2/NDF : 1106400.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug



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: 4.4/8

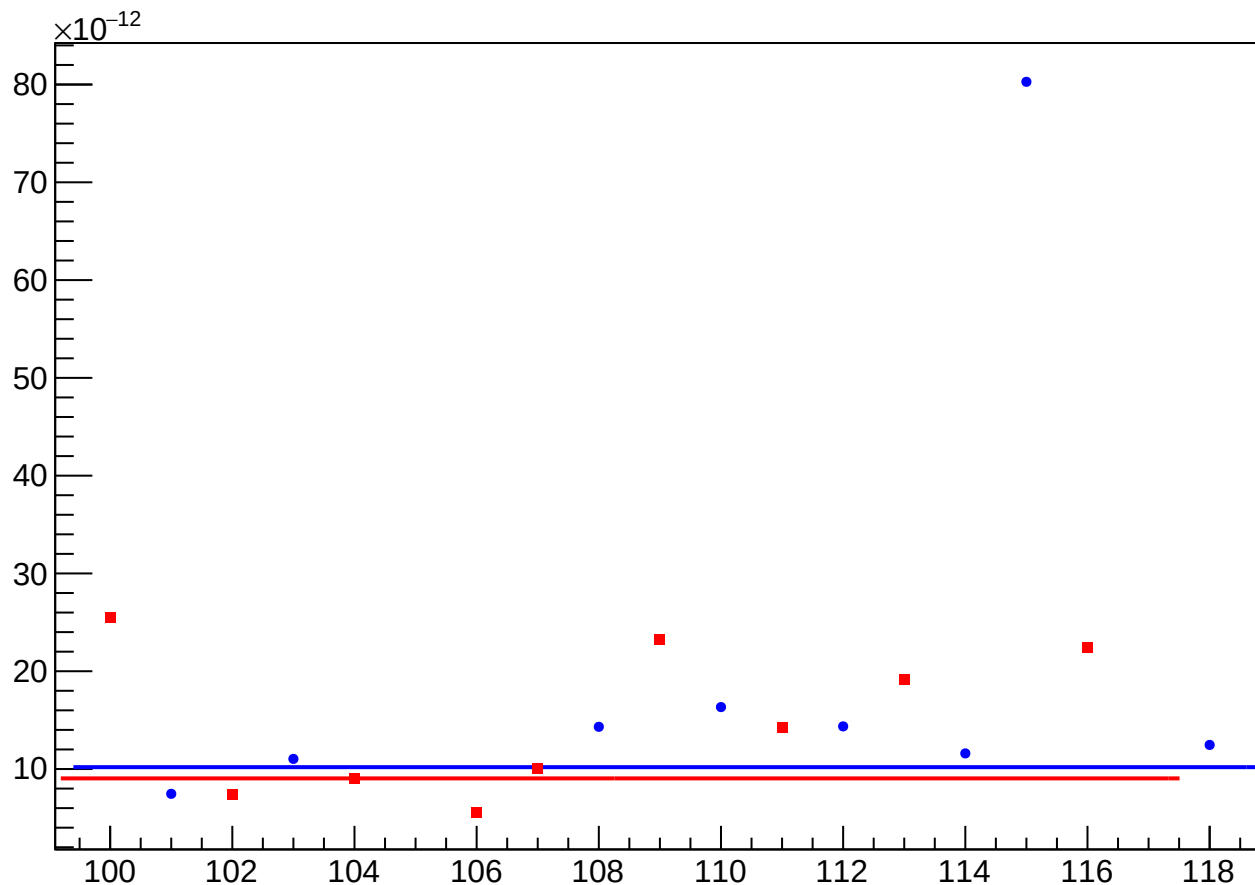
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 13.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



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 : 552628.6/8

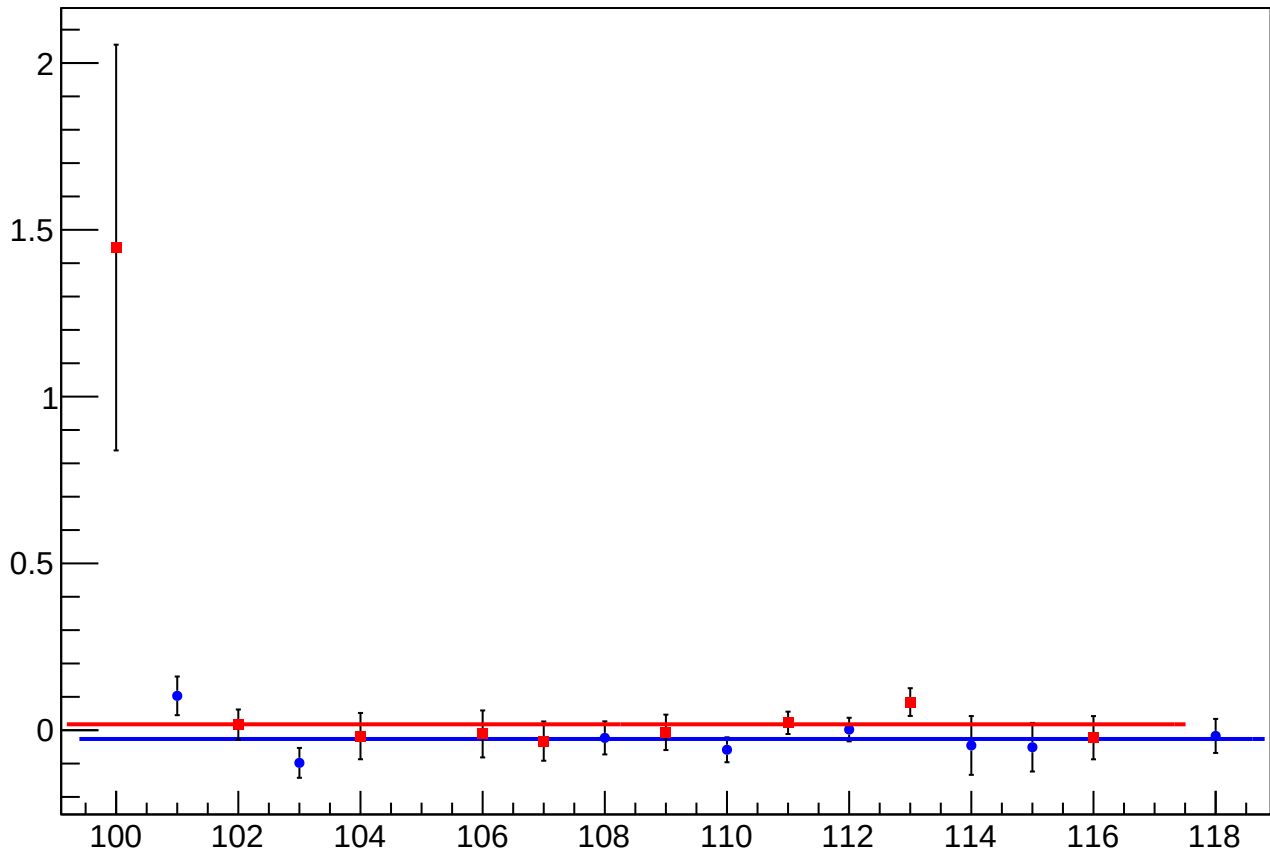
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 906163.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



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: 0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

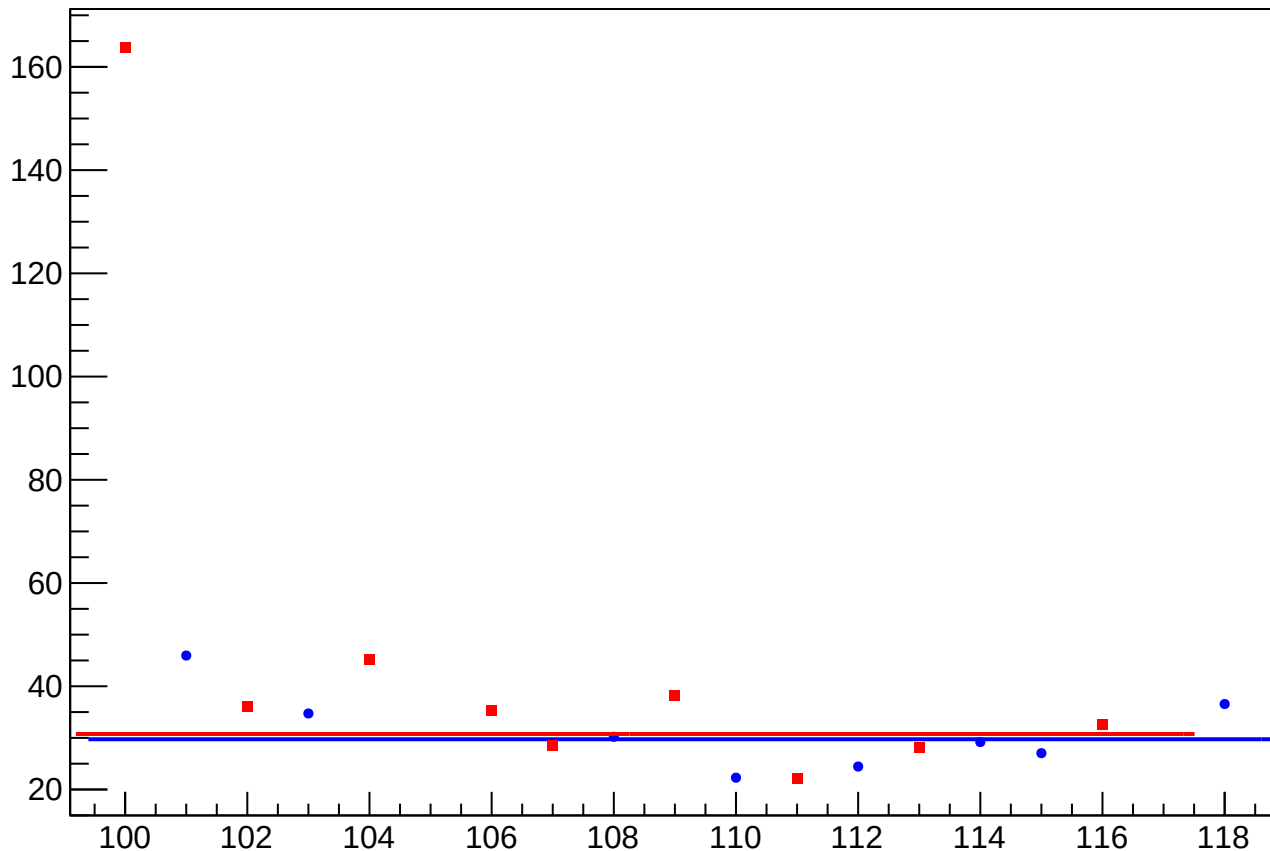
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



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: 30.756+/-0.012 χ^2/NDF : 403077.9/8

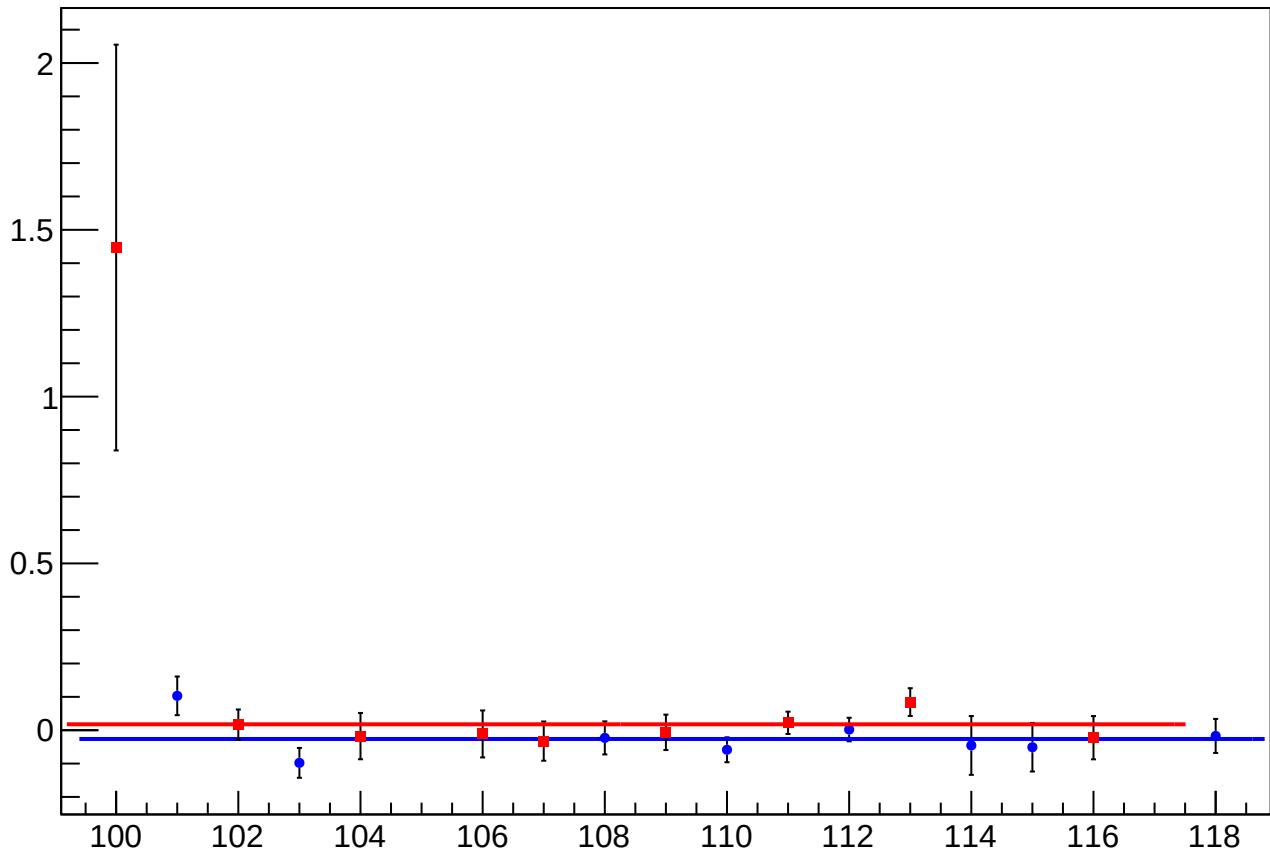
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.232+/-0.009 χ^2/NDF : 751010.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

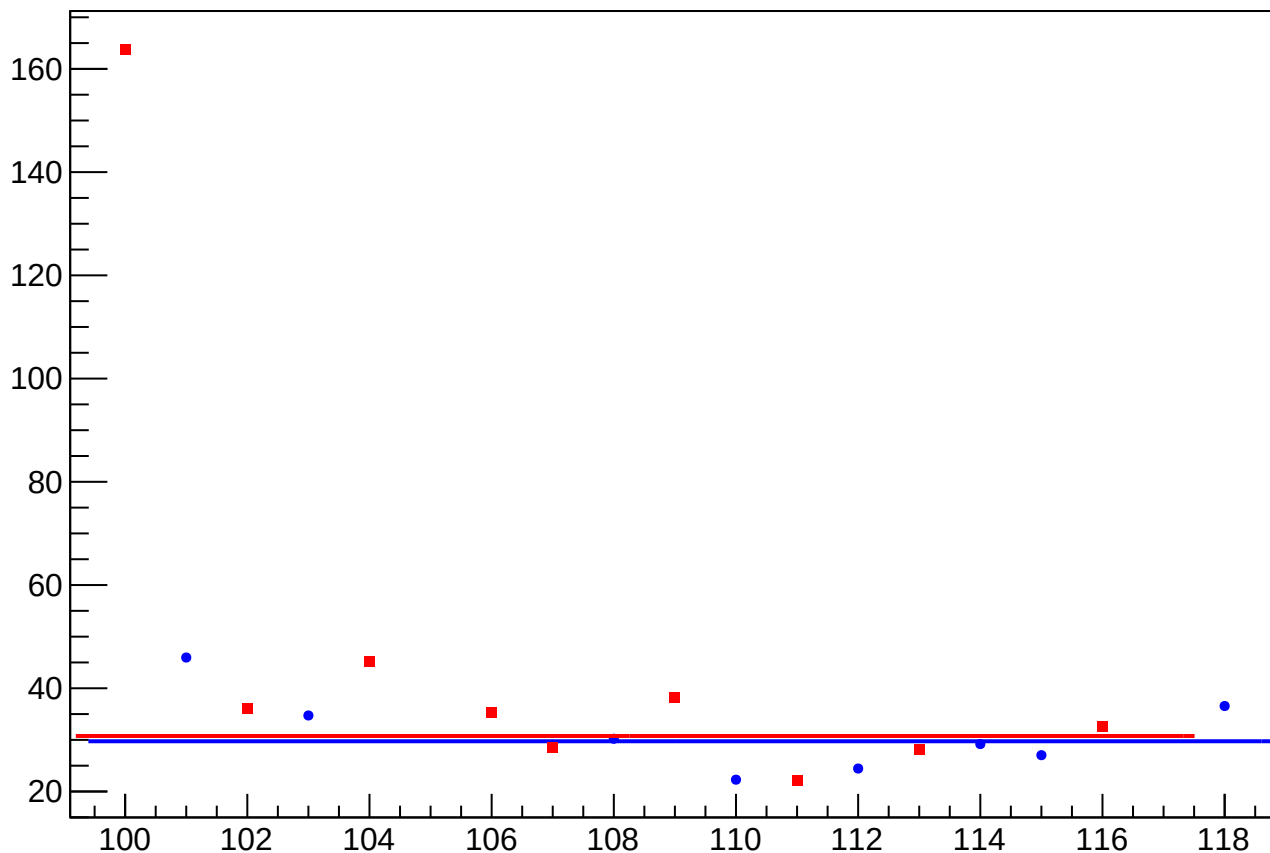
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 30.756+/-0.012 χ^2/NDF : 403077.9/8

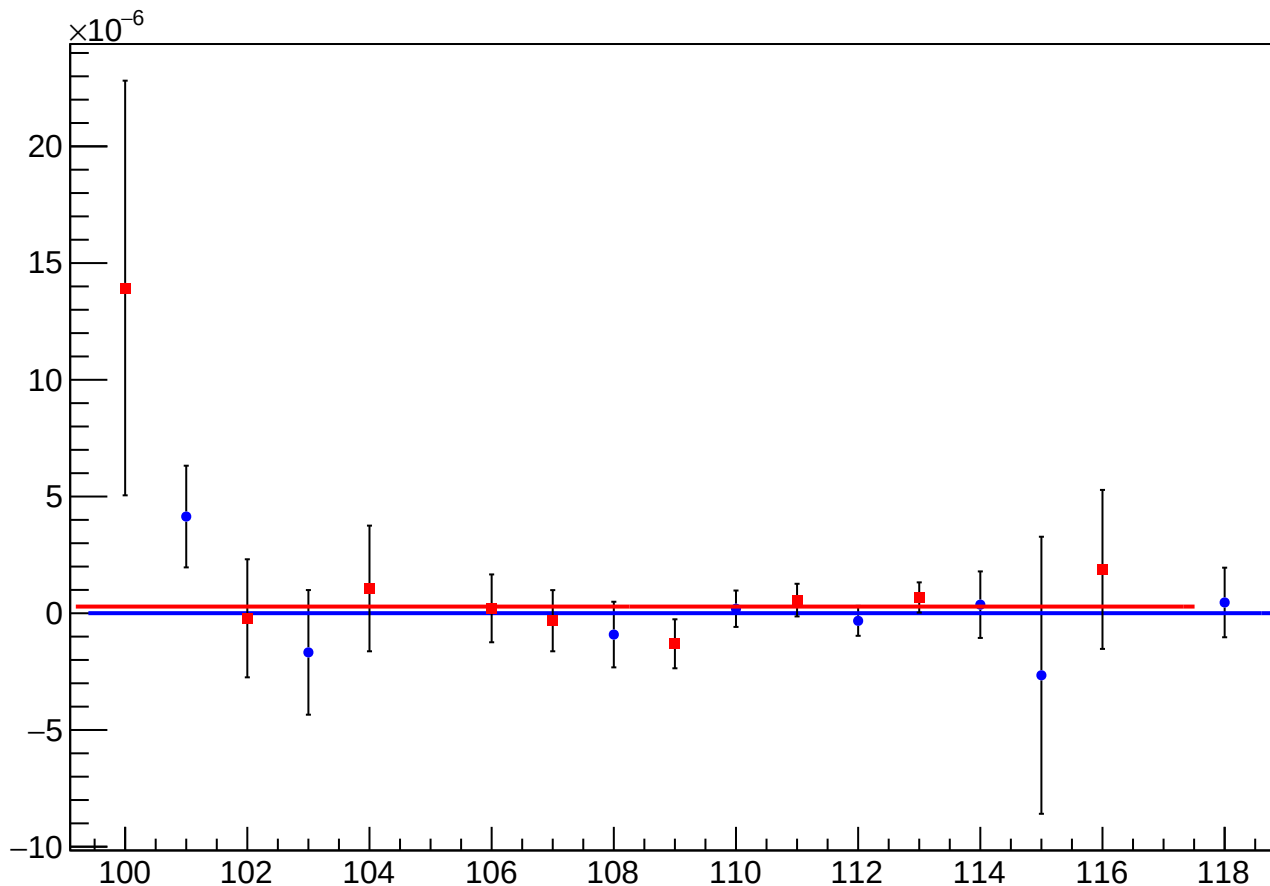
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.232+/-0.009 χ^2/NDF : 751010.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



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 : 5.7/8

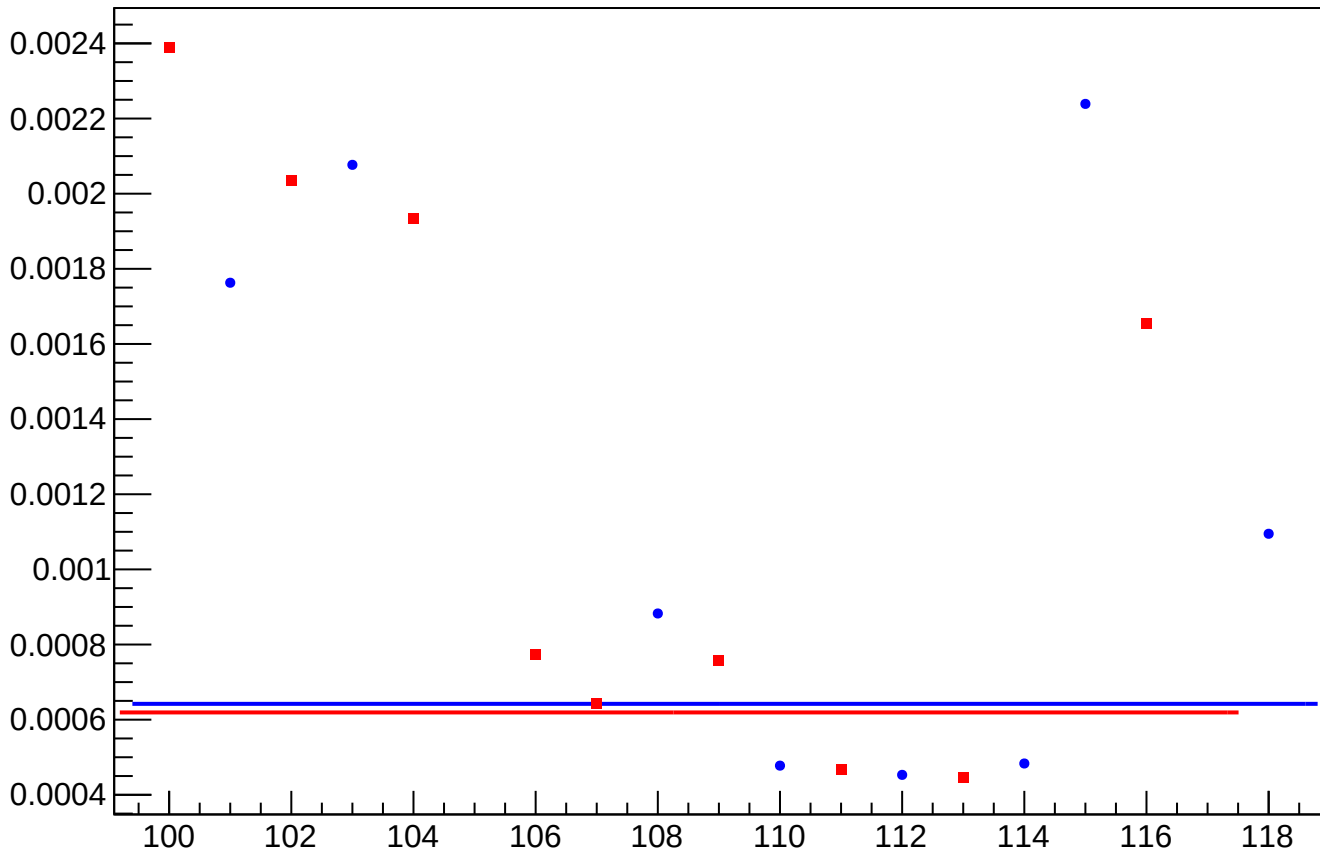
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1665561.1/8

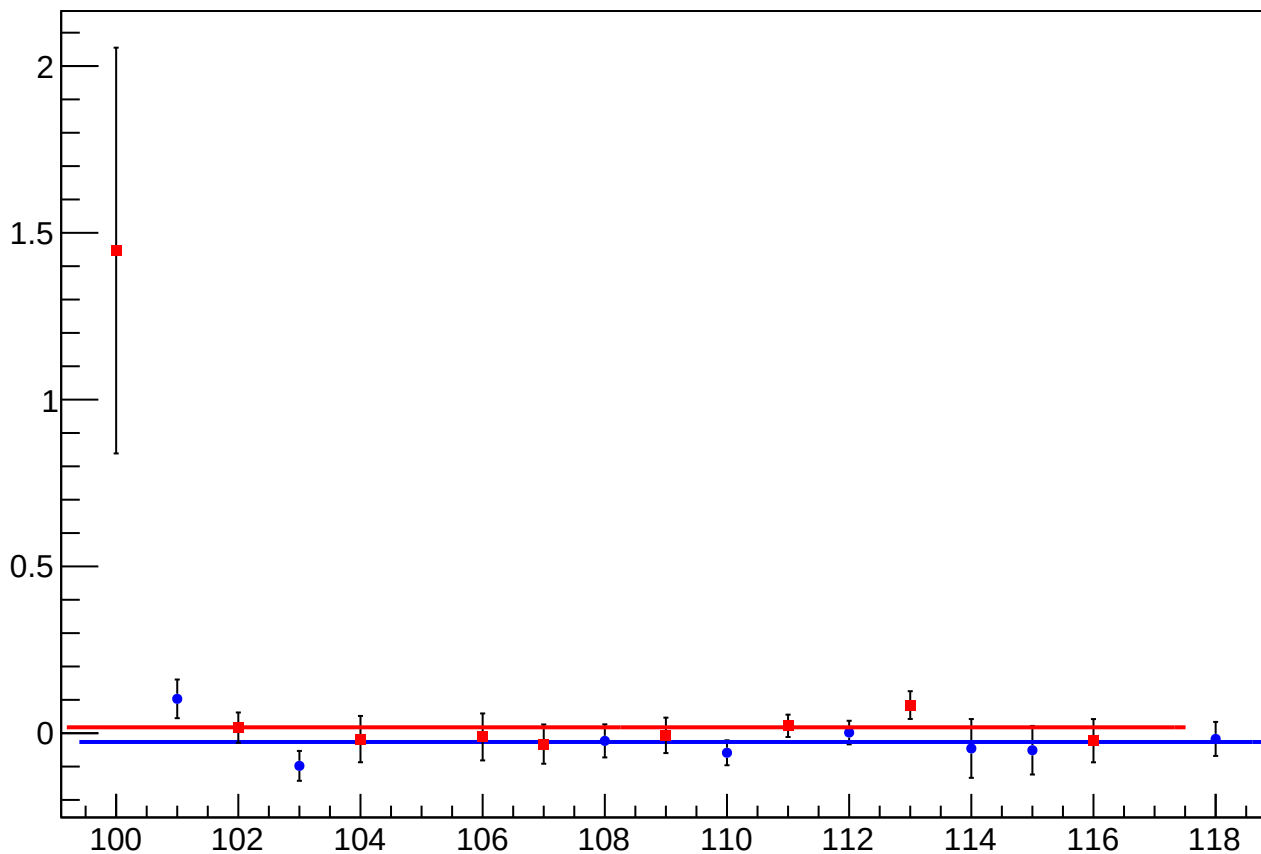
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3451860.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

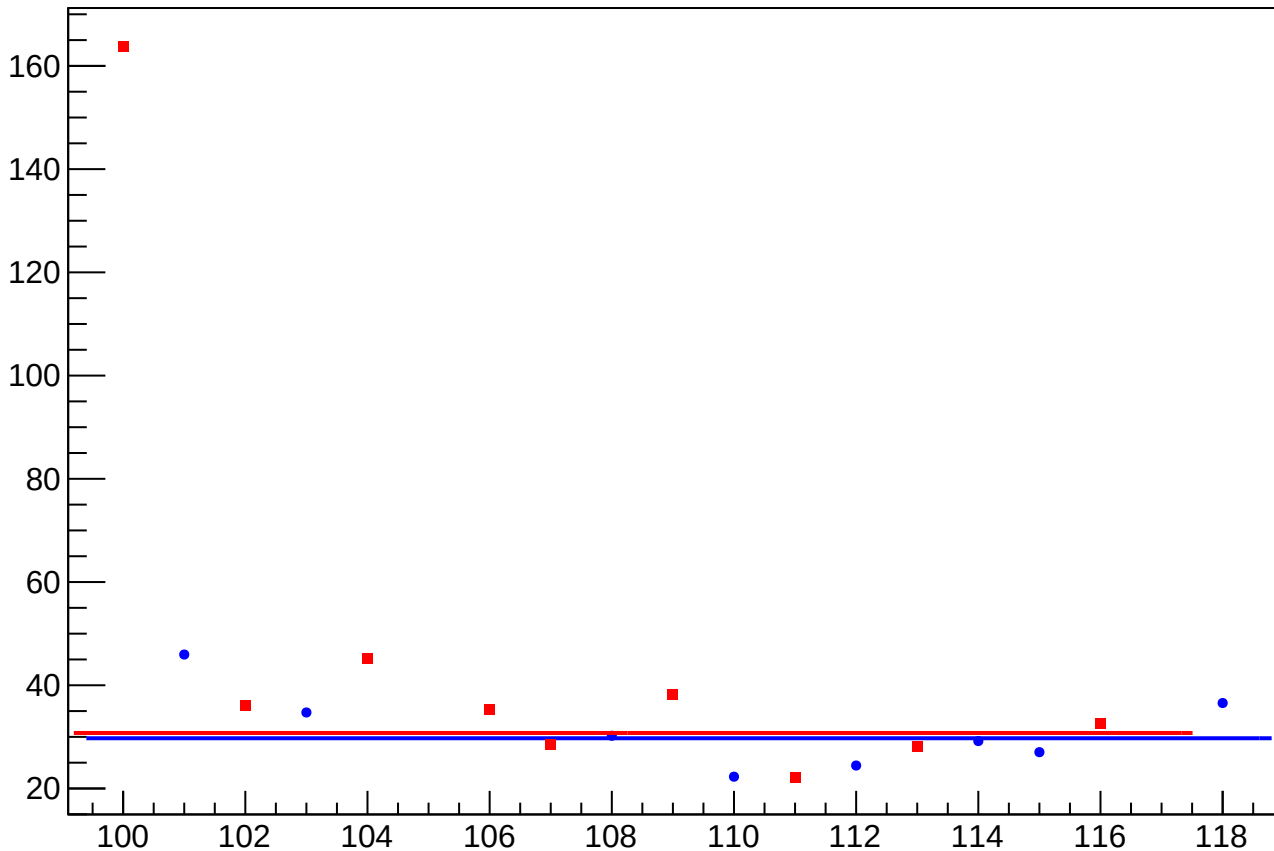
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 30.756+/-0.012 χ^2/NDF : 403091.9/8

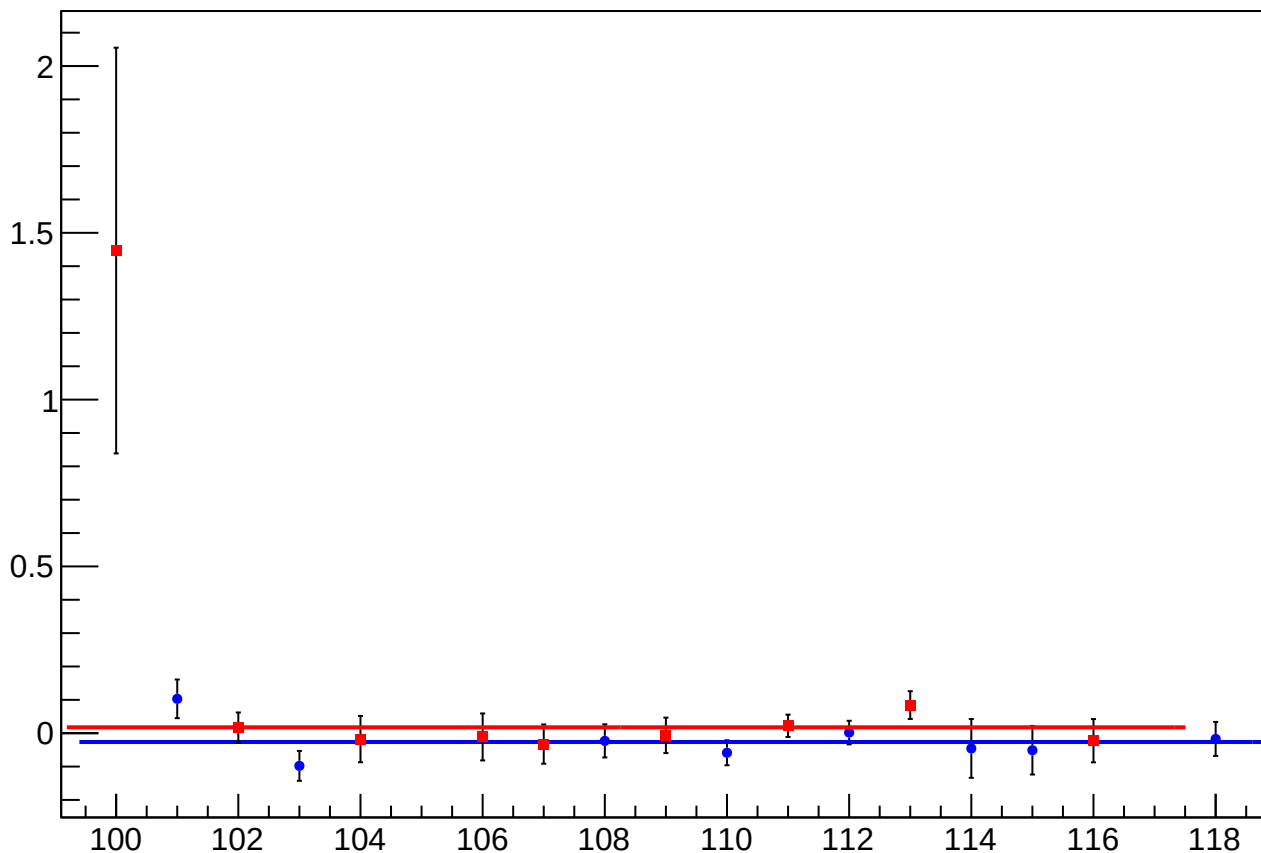
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.232+/-0.009 χ^2/NDF : 751031.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.018 $\pm$ 0.018 χ^2 /NDF: 9.9/8

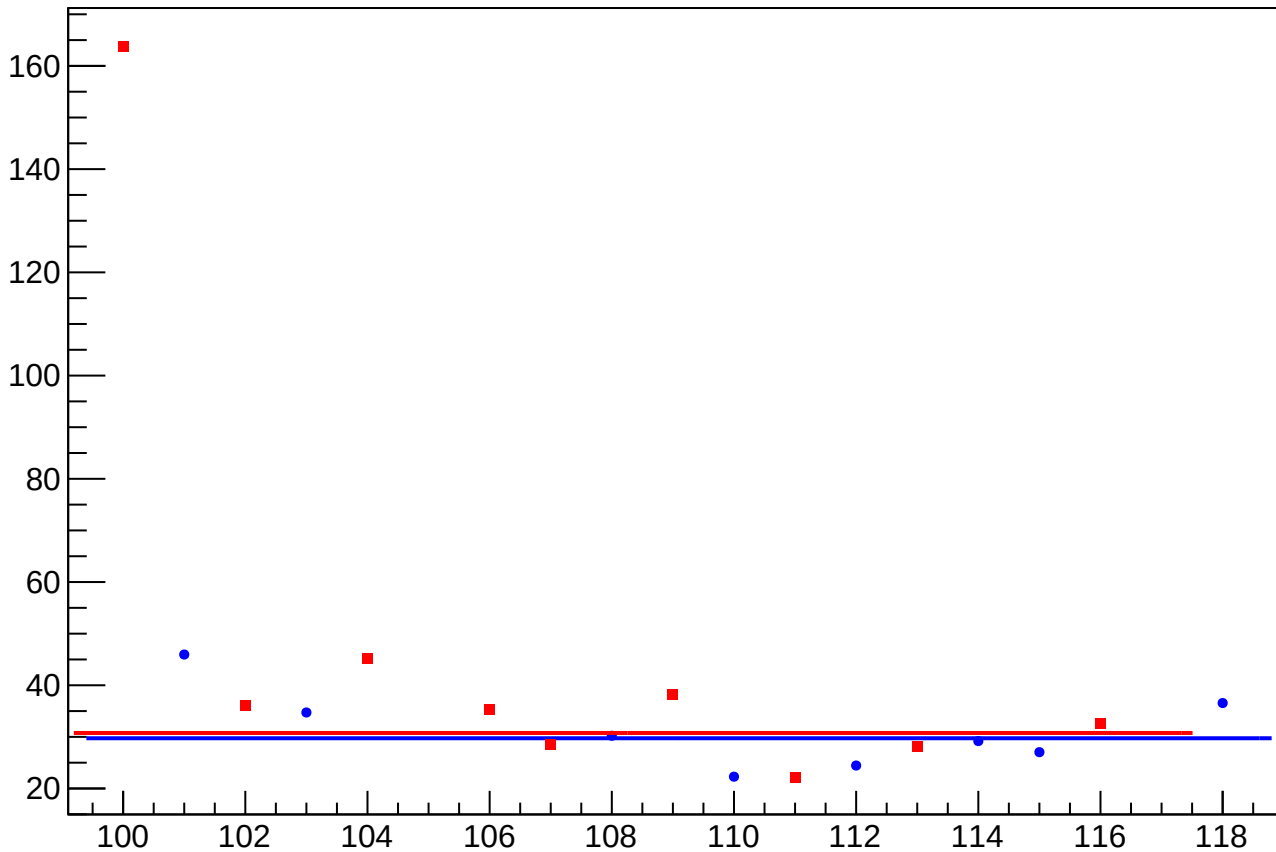
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 22.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.735 $\pm$ 0.012 χ^2 /NDF: 344461.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 30.756 $\pm$ 0.012 χ^2 /NDF: 403091.9/8

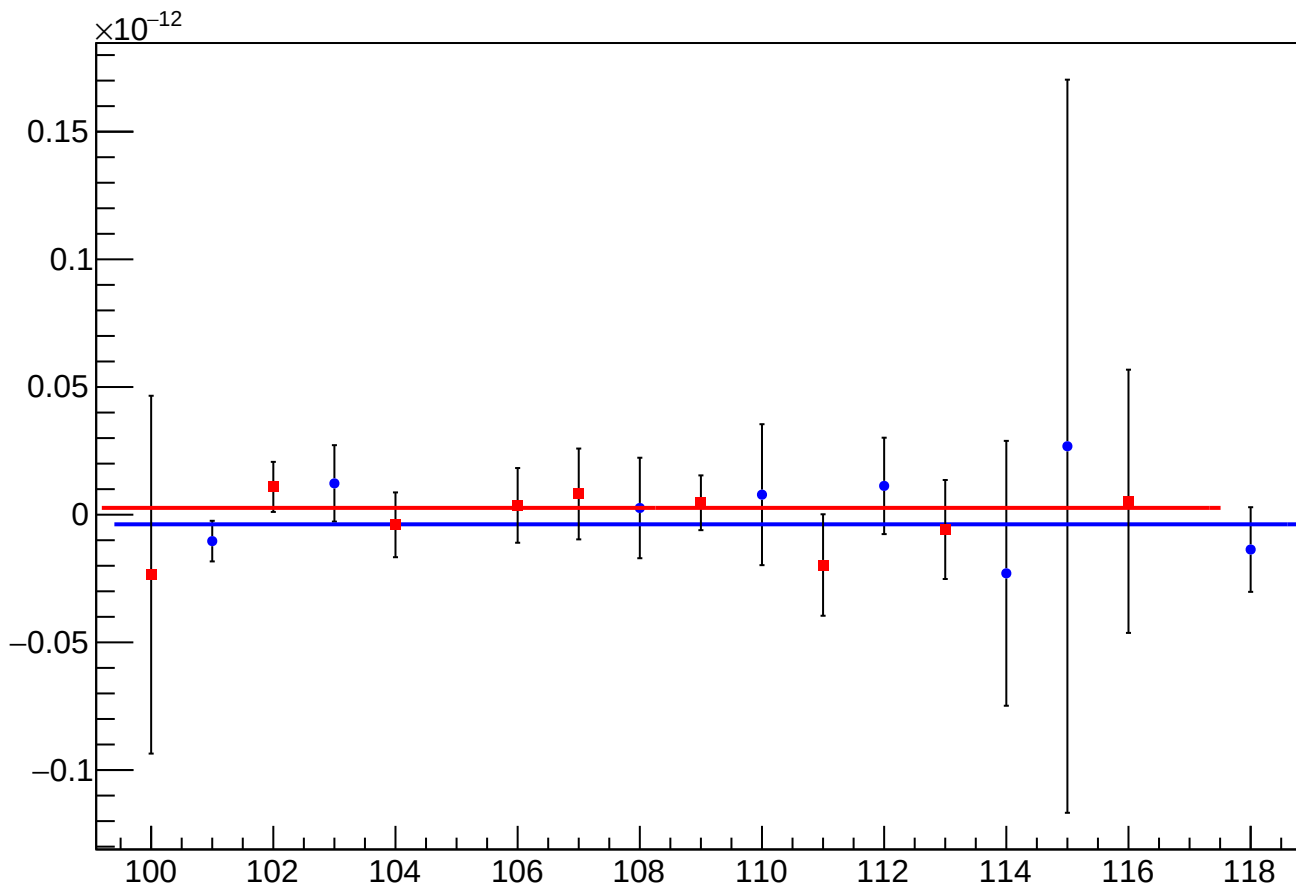
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.232 $\pm$ 0.009 χ^2 /NDF: 751031.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/8

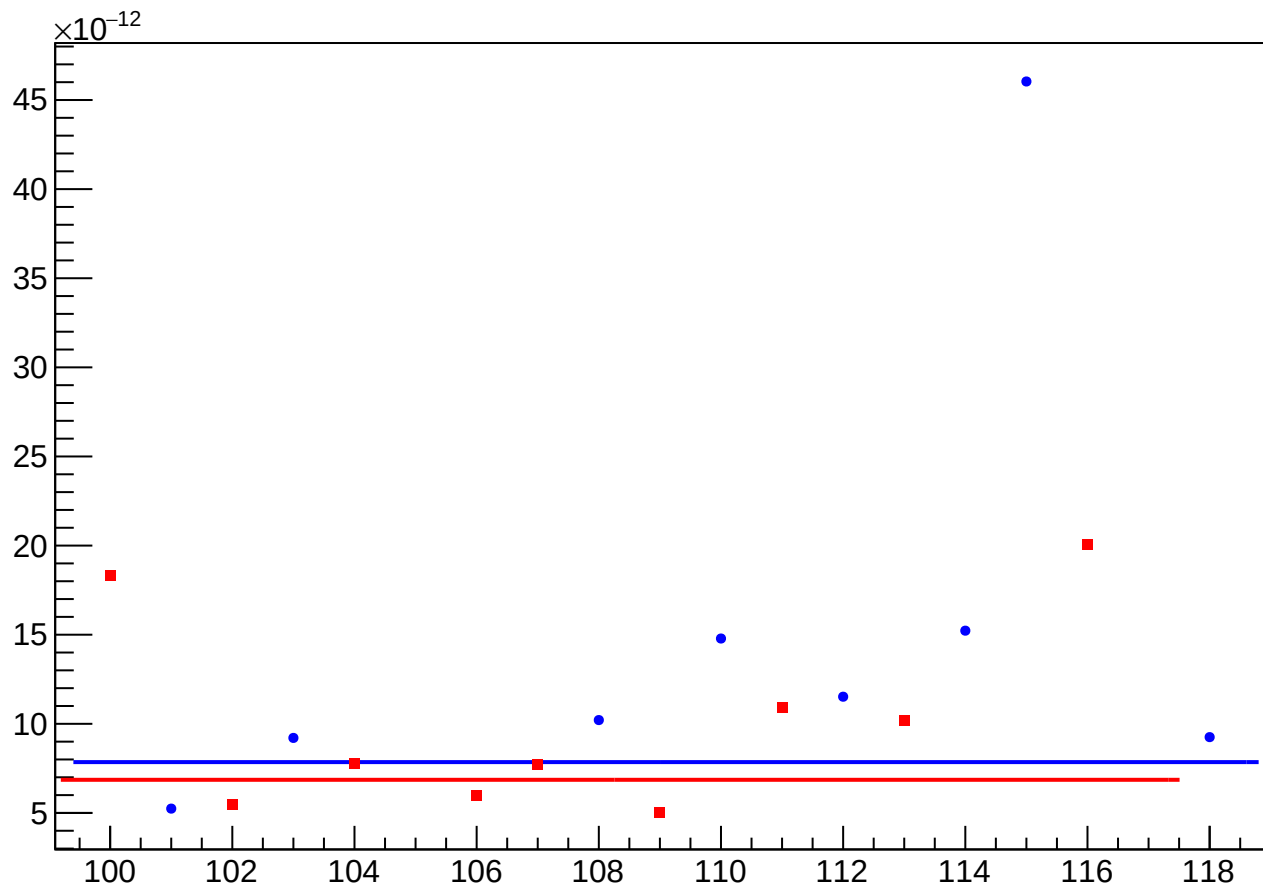
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 448071.1/8

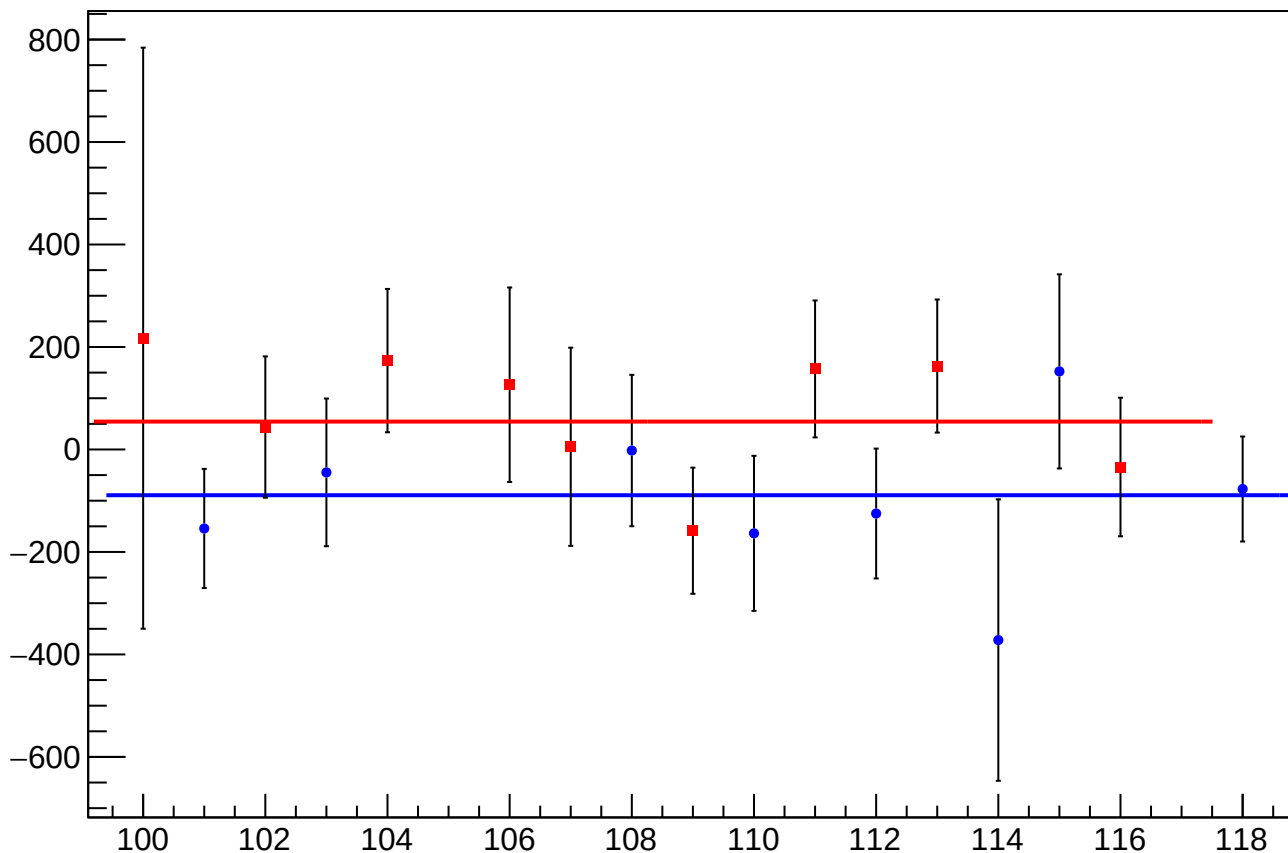
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1140667.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



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: 54.412 ± 50.169 χ^2/NDF : 5.7/8

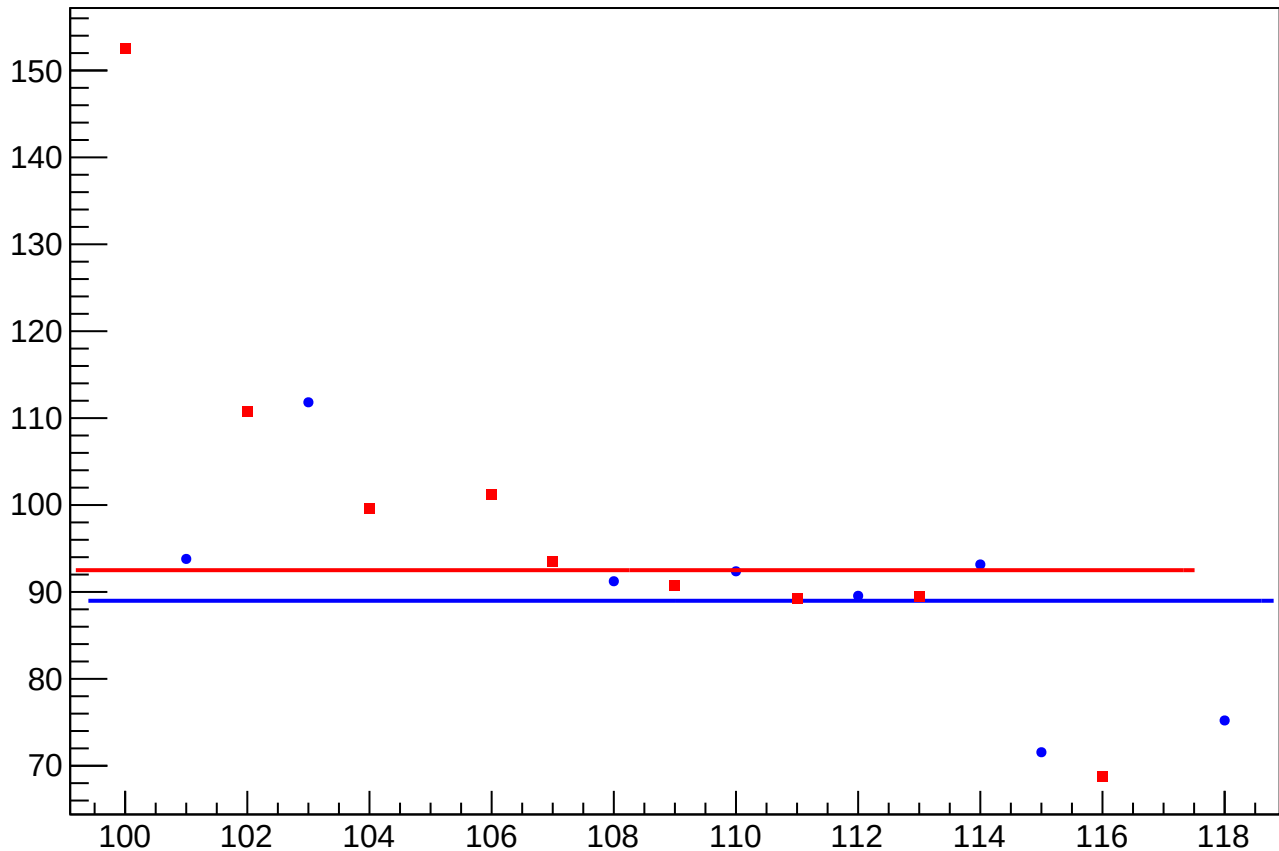
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.594 ± 35.187 χ^2/NDF : 13.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



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: 92.504+/-0.035 χ^2/NDF : 131386.2/8

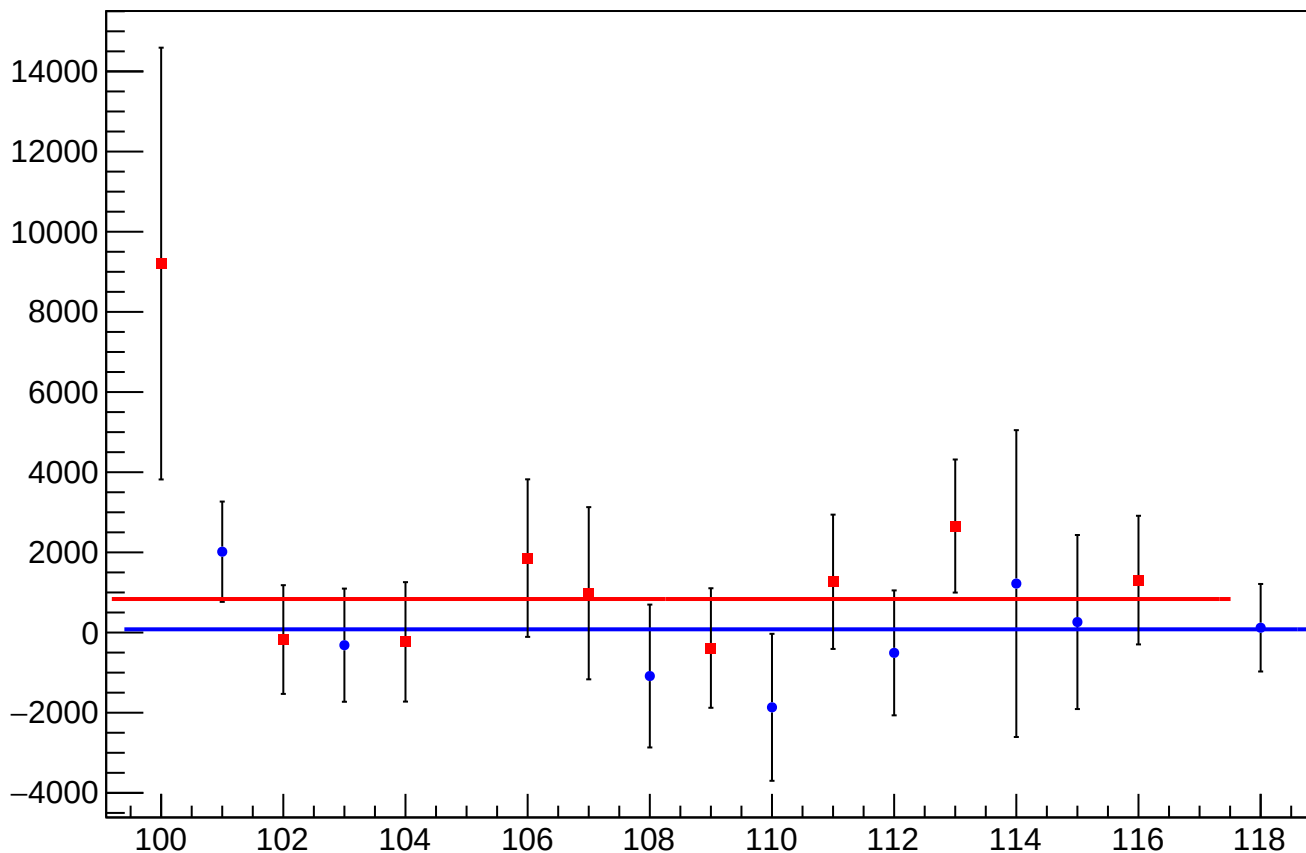
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.716+/-0.025 χ^2/NDF : 245082.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



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: 836.640+/-571.552 χ^2/NDF : 5.8/8

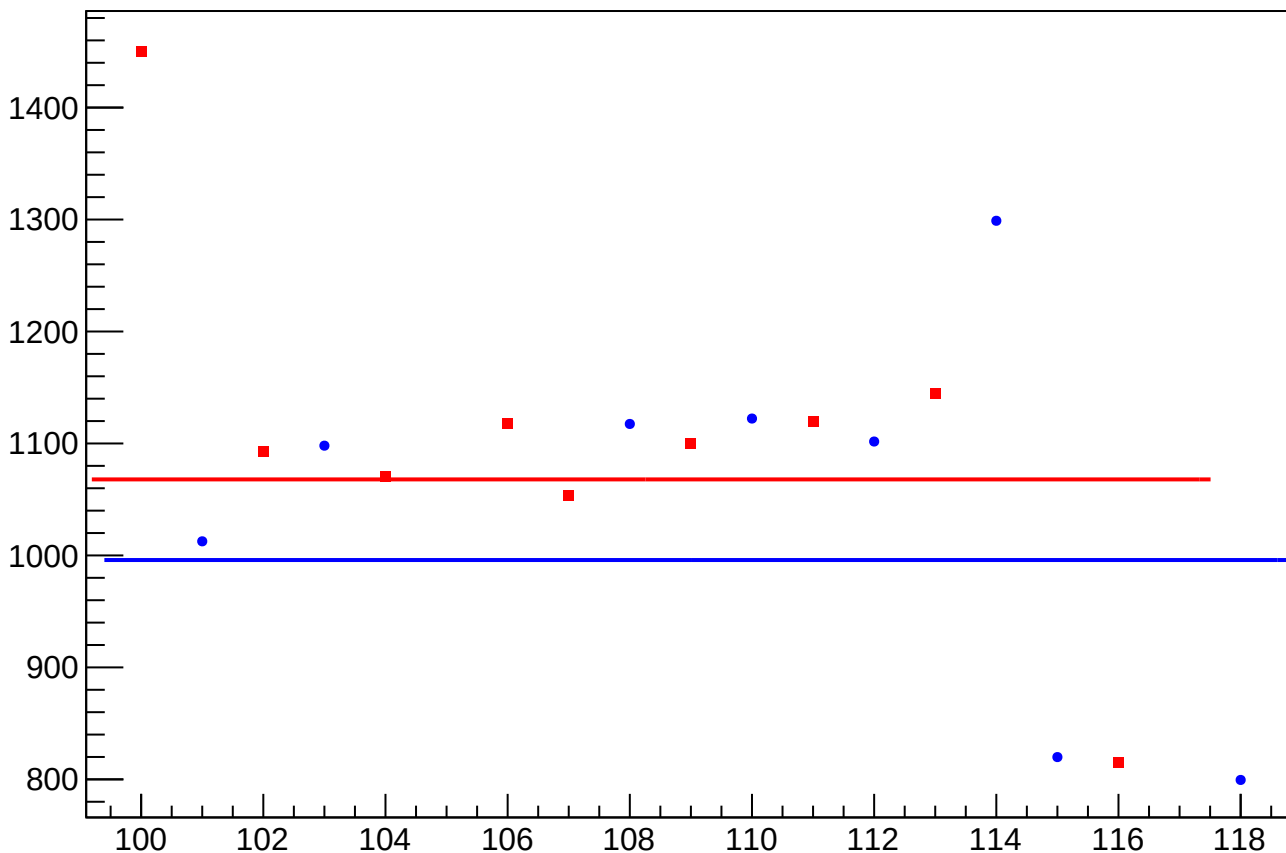
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 445.269+/-397.001 χ^2/NDF : 11.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



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: 1067.901+/-0.404 χ^2/NDF : 68690.7/8

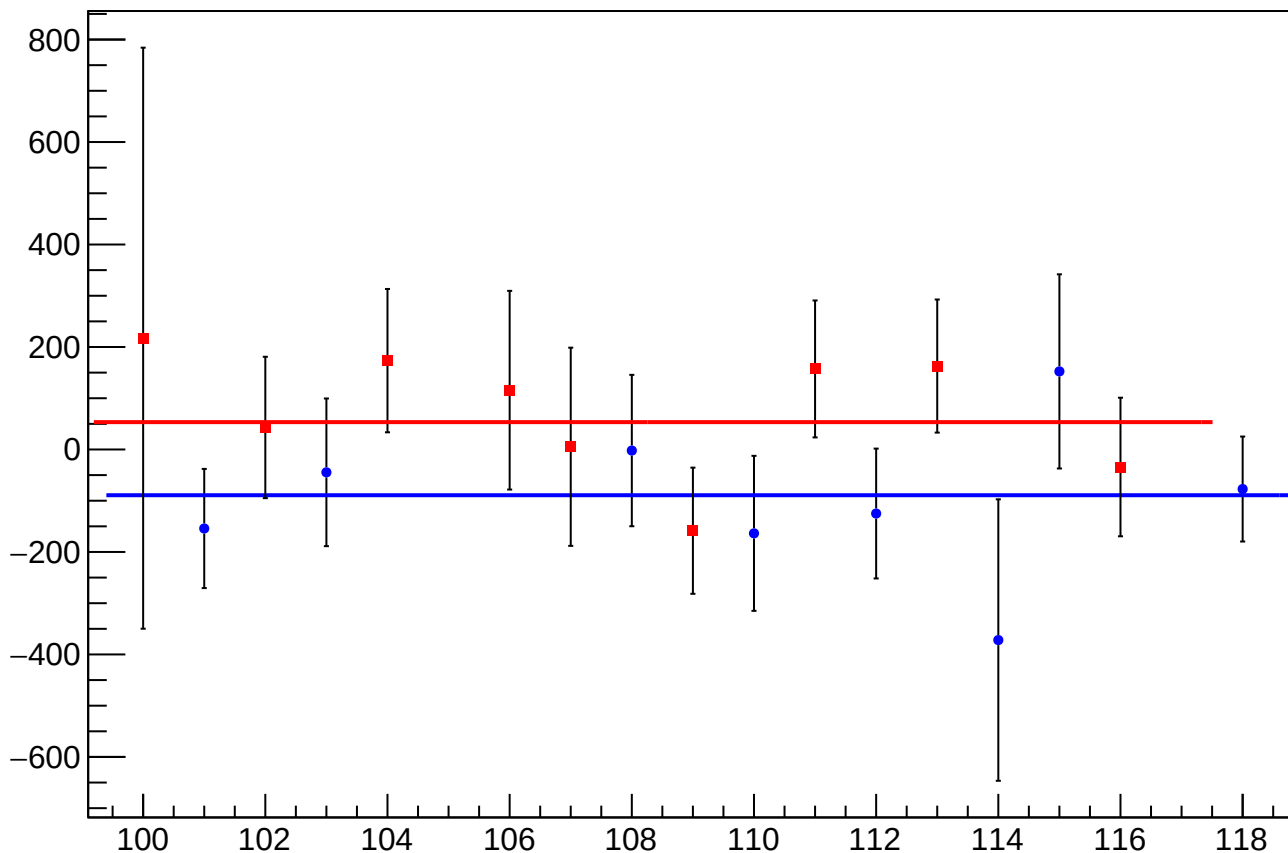
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1030.634+/-0.281 χ^2/NDF : 214350.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -89.262 ± 49.363 χ^2/NDF : 3.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 53.371 ± 50.248 χ^2/NDF : 5.7/8

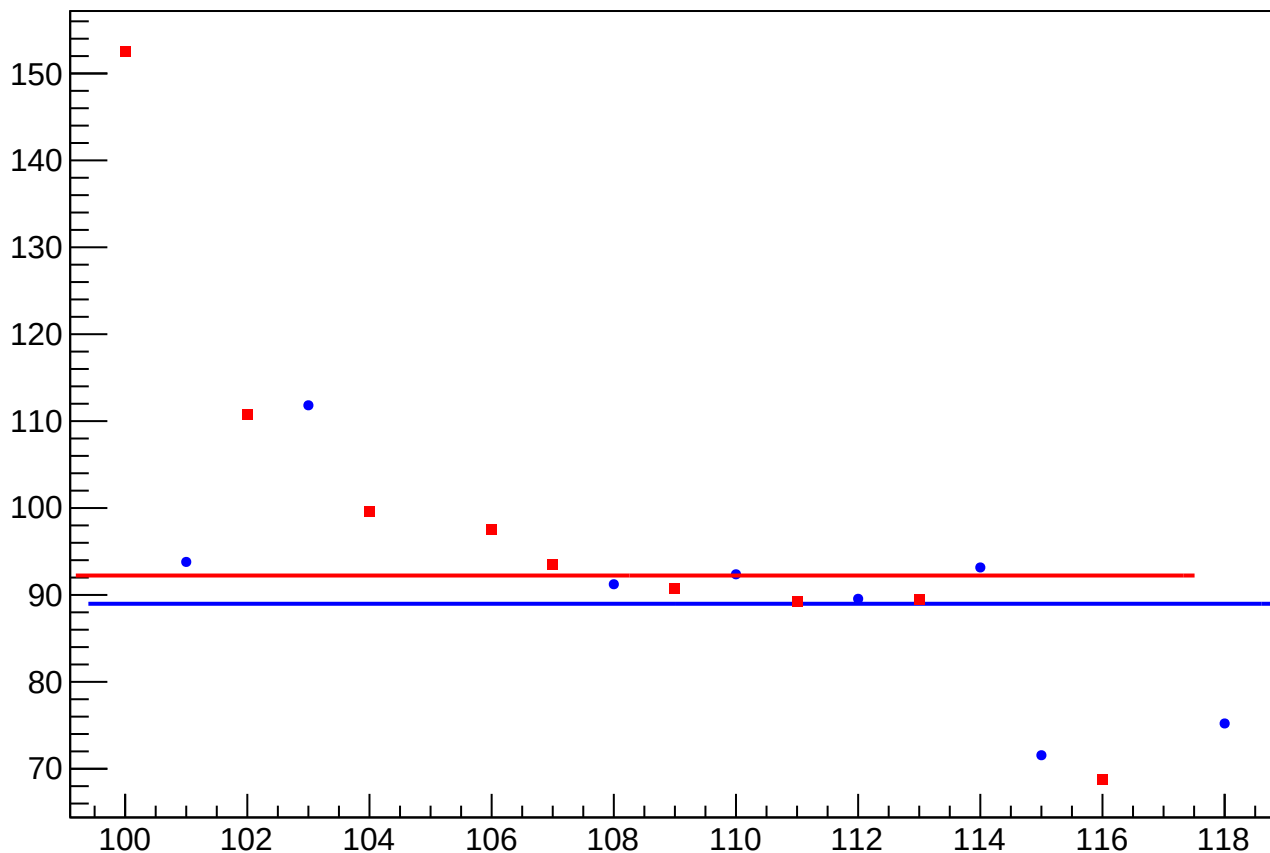
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.211 ± 35.214 χ^2/NDF : 13.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 88.985 $\pm$ 0.035 χ^2 /NDF: 108697.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.236 $\pm$ 0.036 χ^2 /NDF: 128645.2/8

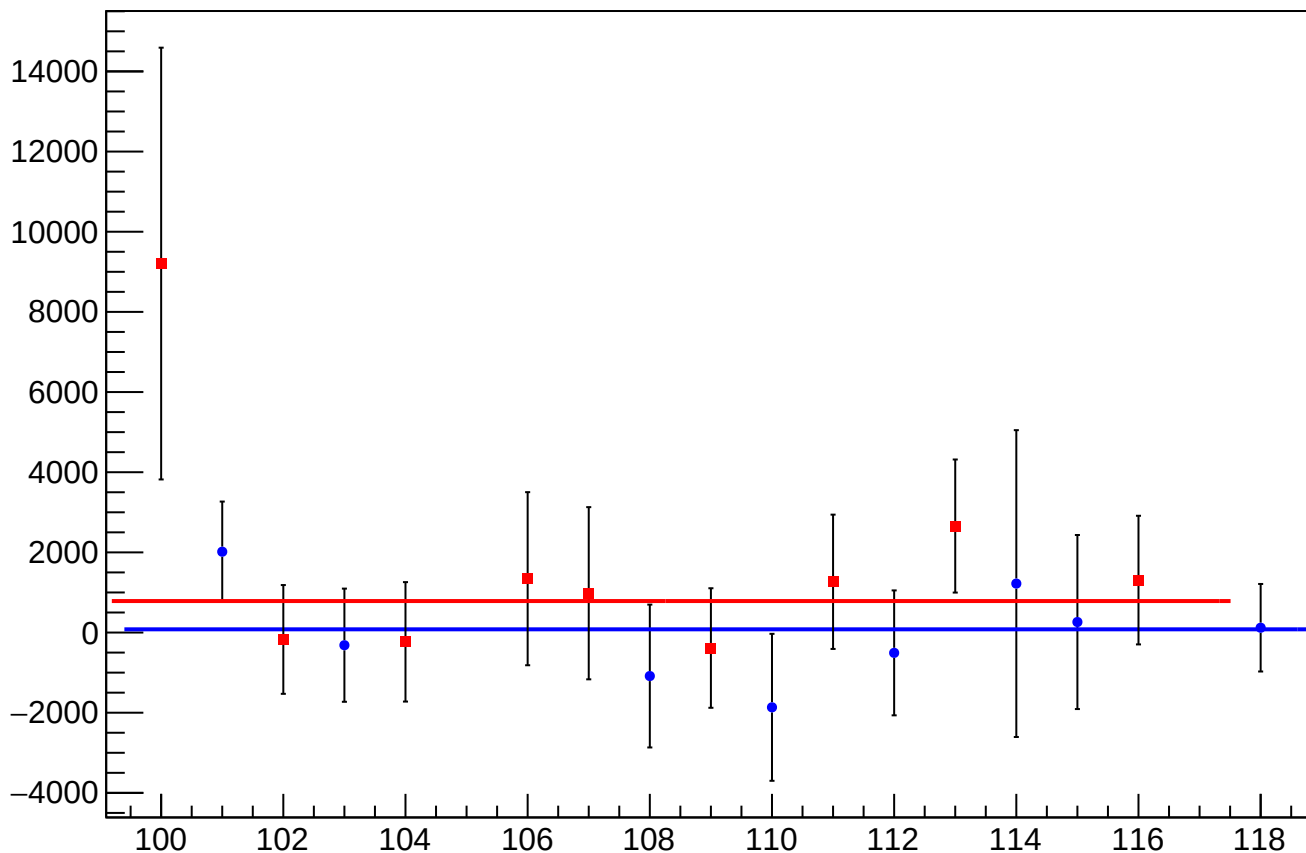
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.581 $\pm$ 0.025 χ^2 /NDF: 241602.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



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: 785.839+/-575.804 χ^2/NDF : 5.6/8

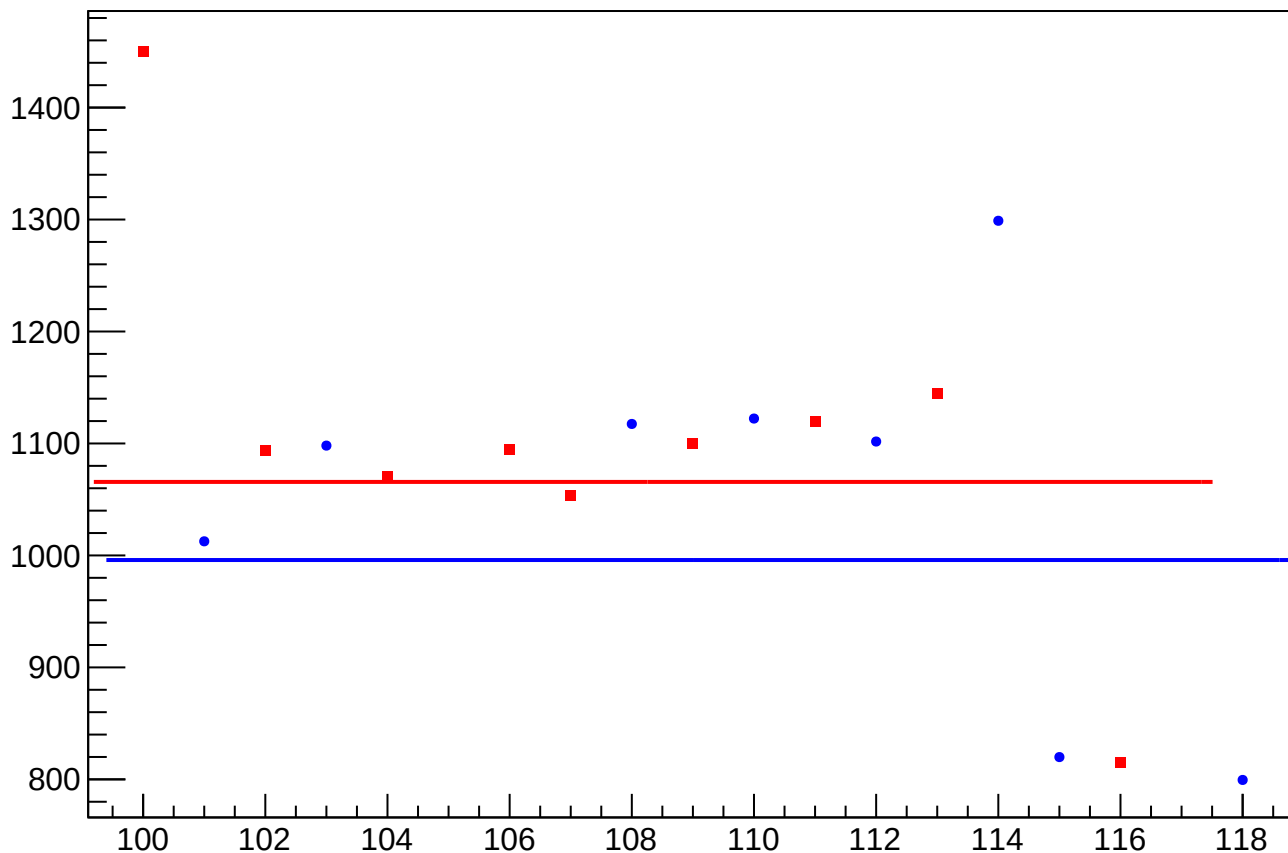
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.115+/-398.419 χ^2/NDF : 10.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 995.898 $\pm$ 0.390 χ^2 /NDF: 129241.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1065.659 $\pm$ 0.407 χ^2 /NDF: 67723.1/8

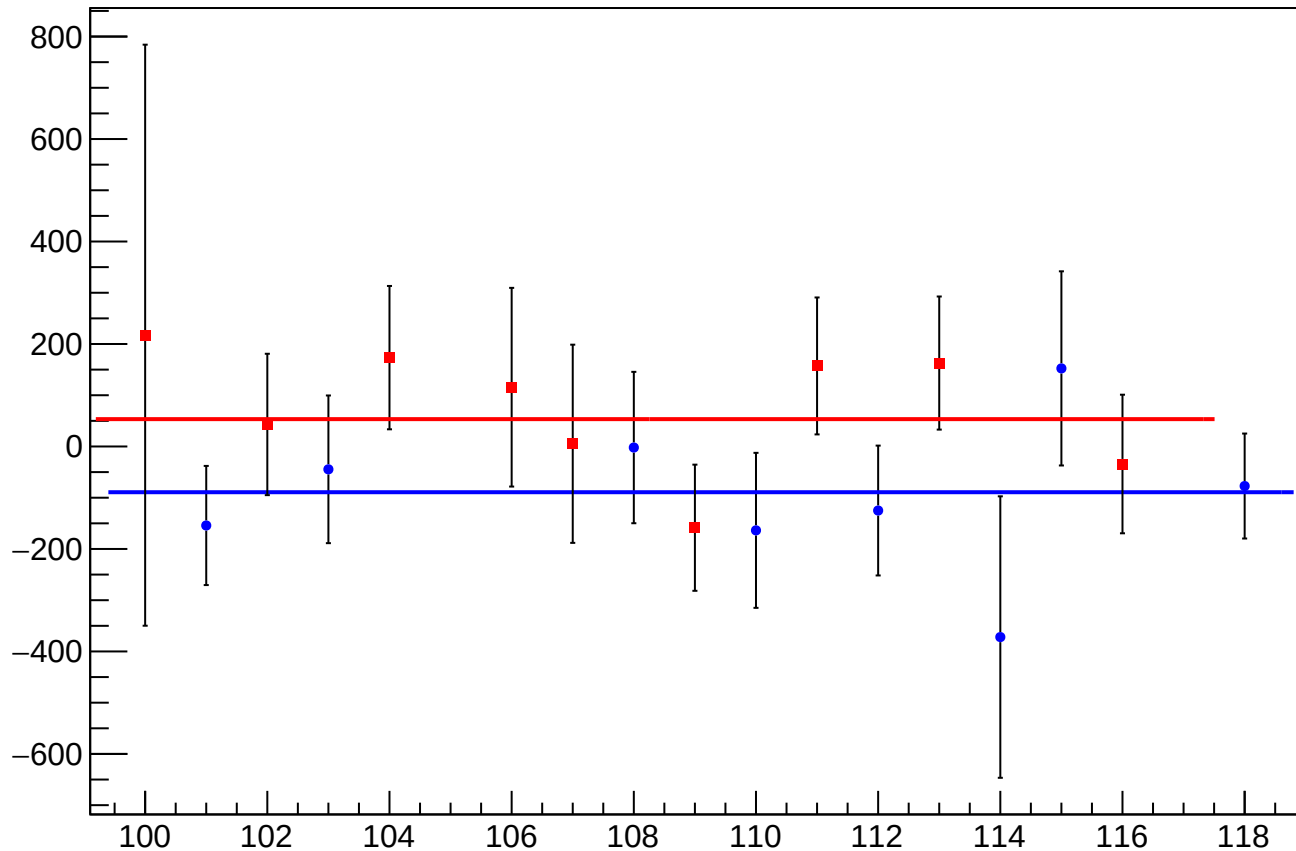
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1029.298 $\pm$ 0.282 χ^2 /NDF: 212265.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -89.262 ± 49.363 χ^2/NDF : 3.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 53.371 ± 50.248 χ^2/NDF : 5.7/8

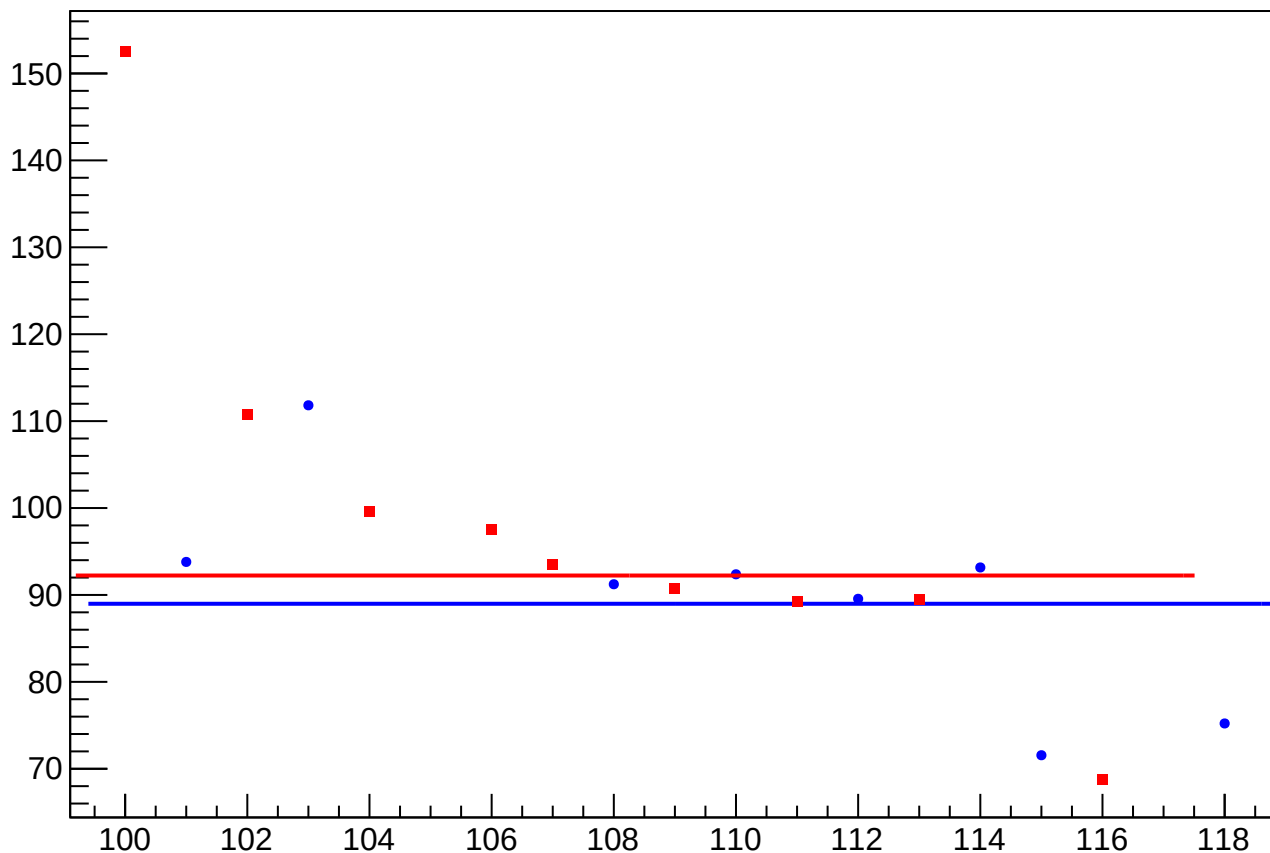
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.211 ± 35.214 χ^2/NDF : 13.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 88.985 $\pm$ 0.035 χ^2 /NDF: 108697.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.236 $\pm$ 0.036 χ^2 /NDF: 128645.2/8

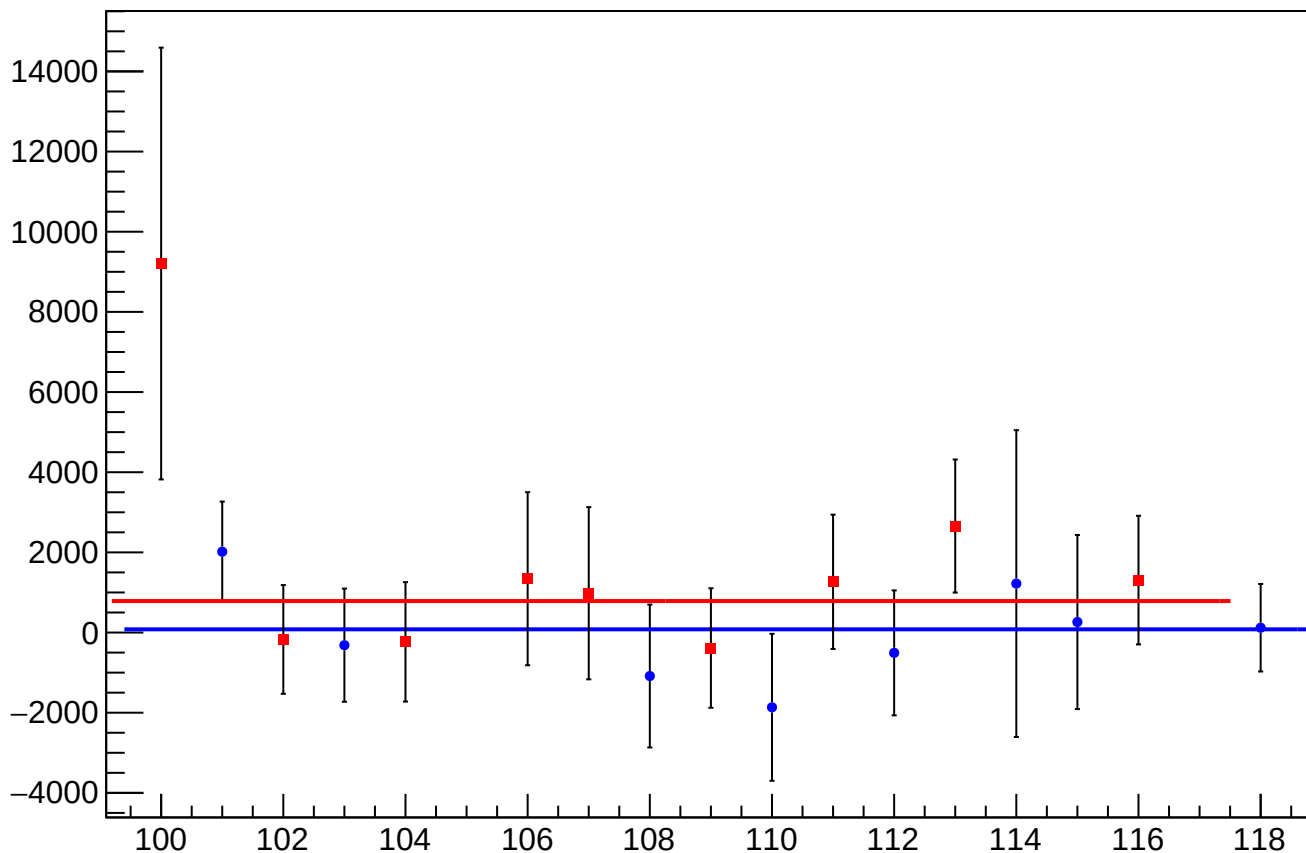
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 90.581 $\pm$ 0.025 χ^2 /NDF: 241602.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



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: 785.839+/-575.804 χ^2/NDF : 5.6/8

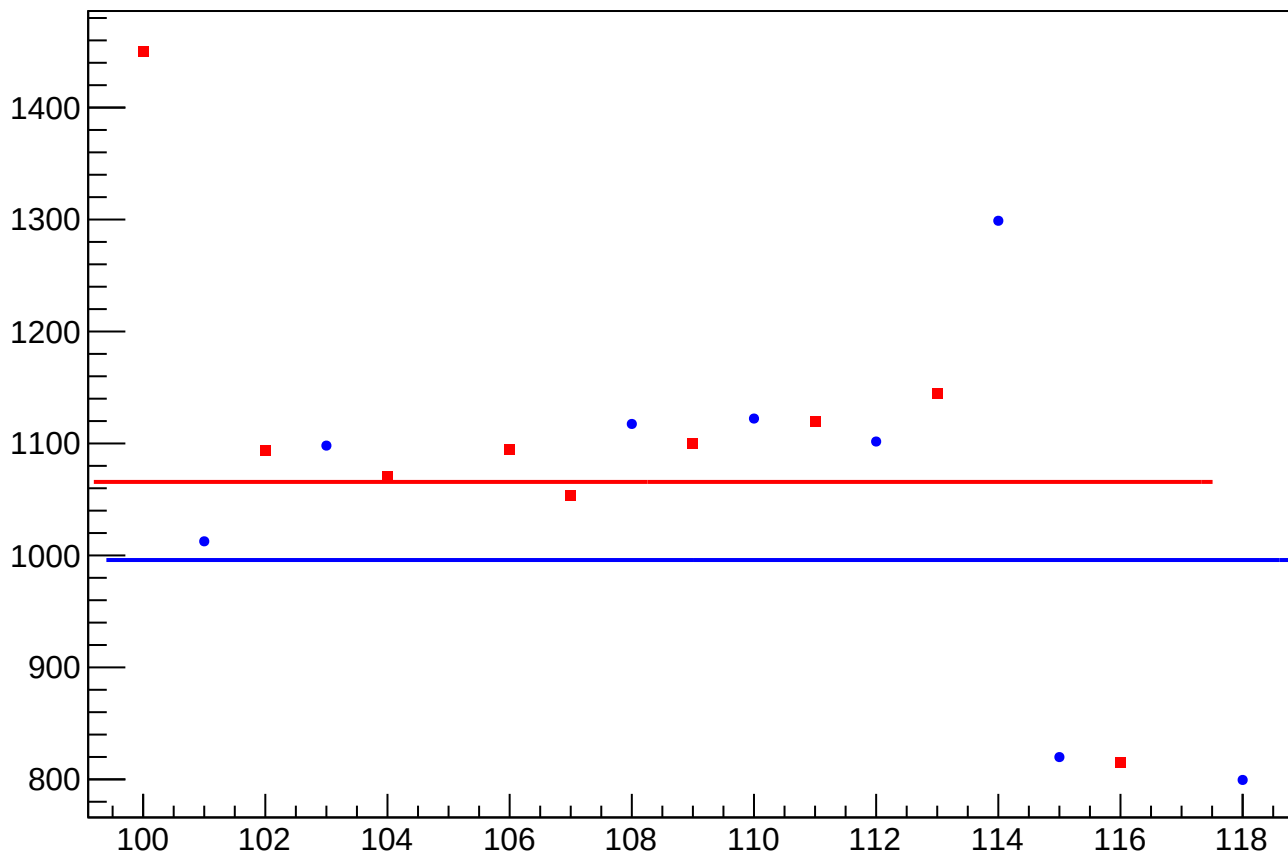
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 418.115+/-398.419 χ^2/NDF : 10.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 995.898 $\pm$ 0.390 χ^2 /NDF: 129241.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1065.659 $\pm$ 0.407 χ^2 /NDF: 67723.1/8

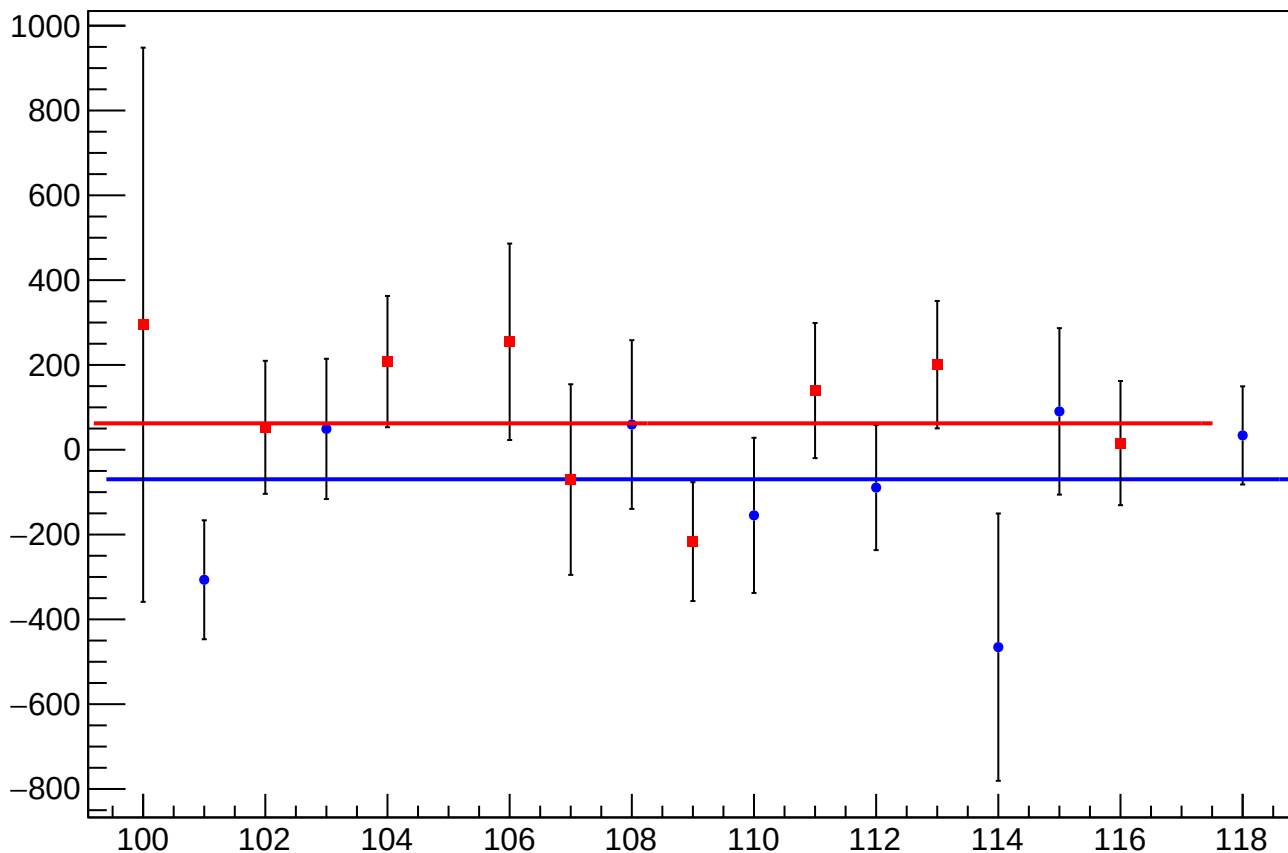
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1029.298 $\pm$ 0.282 χ^2 /NDF: 212265.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



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: 62.315 $\pm$ 57.315 χ^2 /NDF: 7.2/8

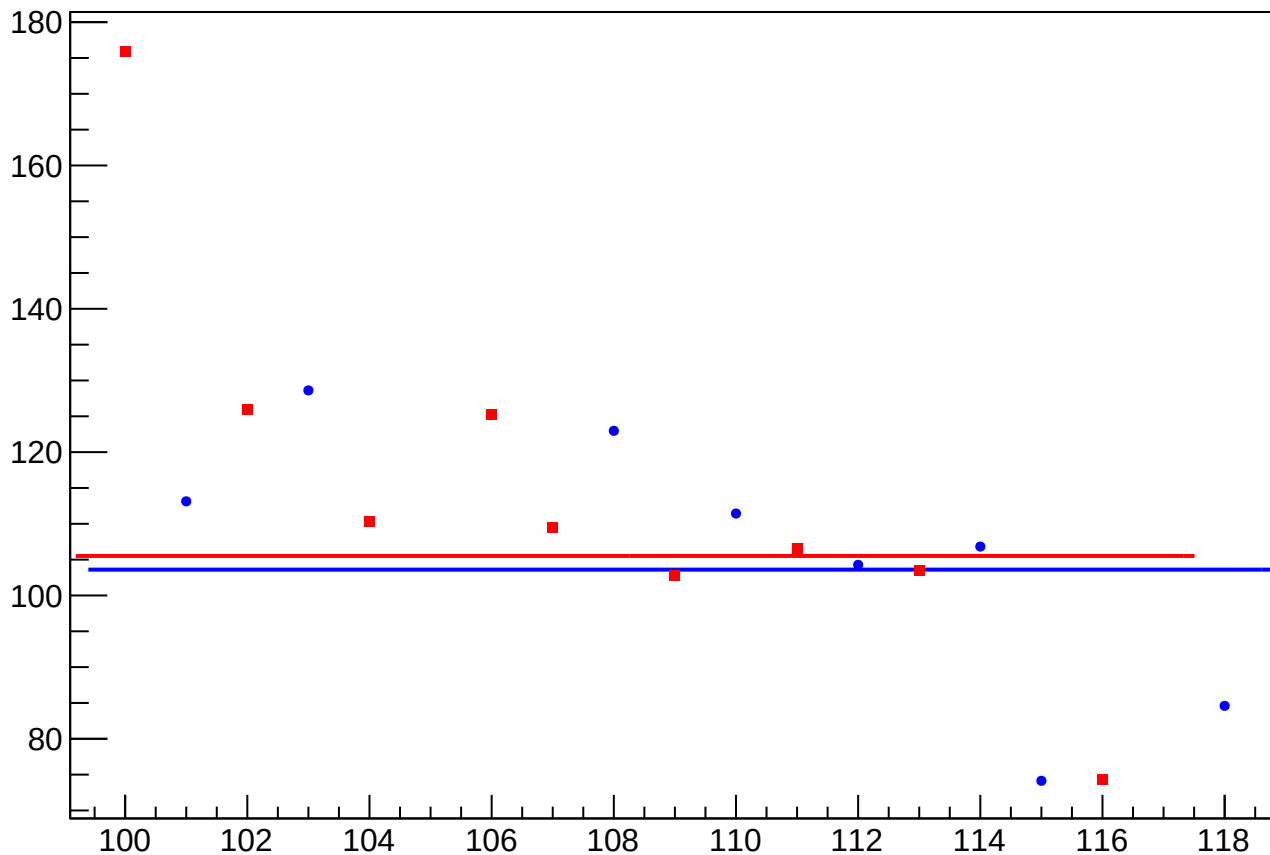
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.074 $\pm$ 40.702 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 103.606 $\pm$ 0.041 χ^2 /NDF: 176862.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.515 $\pm$ 0.041 χ^2 /NDF: 165763.9/8

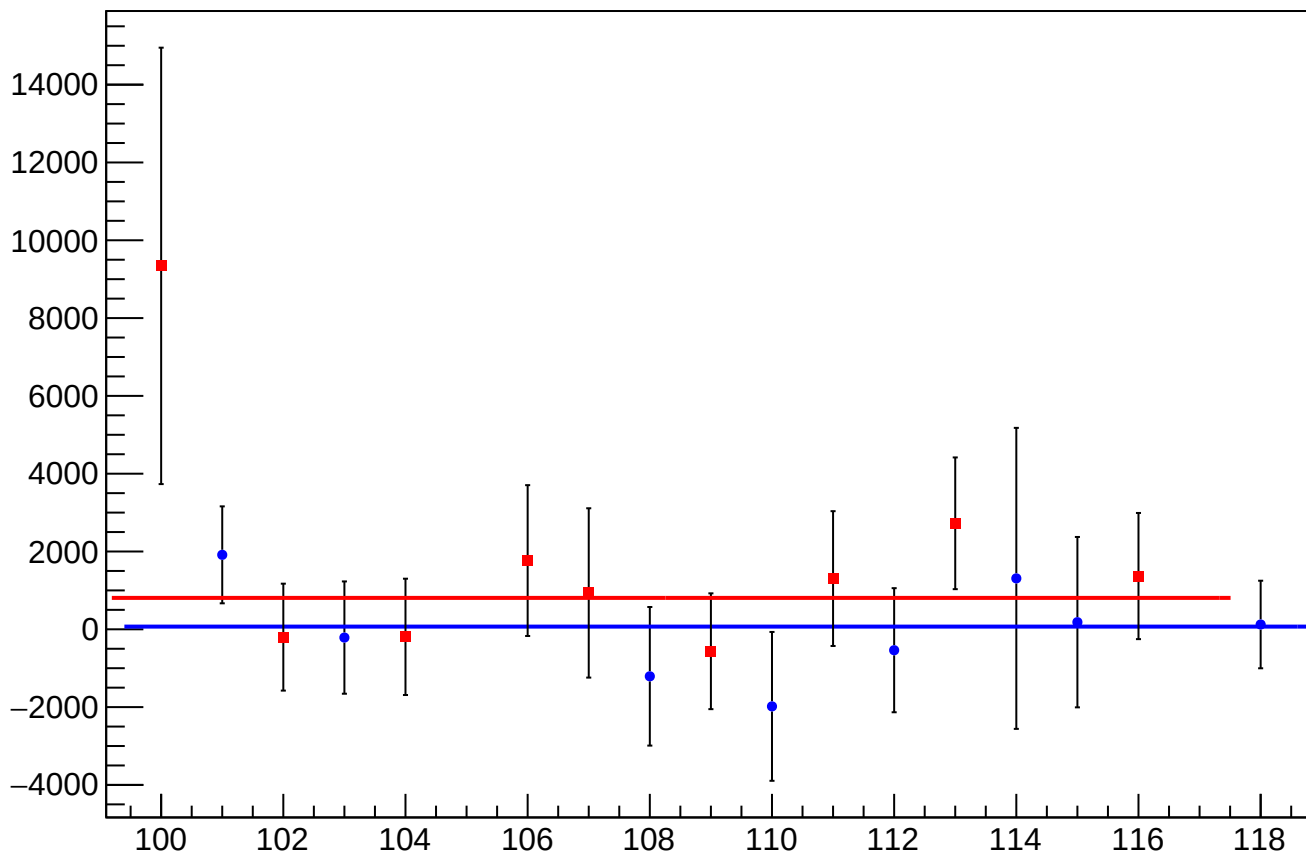
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.569 $\pm$ 0.029 χ^2 /NDF: 343726.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 69.597 $\pm$ 561.633 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 807.466 $\pm$ 577.379 χ^2 /NDF: 5.9/8

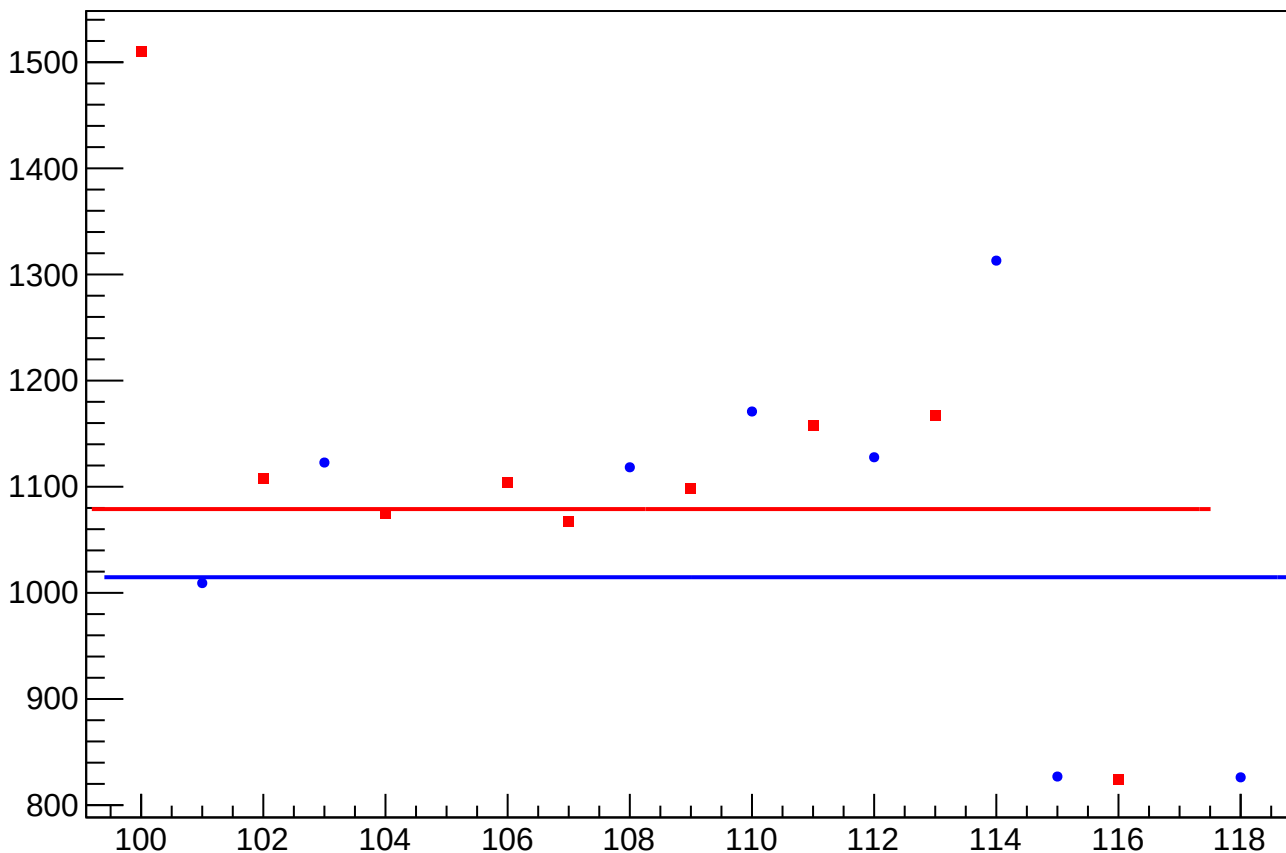
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 428.333 $\pm$ 402.586 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 1014.736 $\pm$ 0.397 χ^2 /NDF: 124113.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1078.952 $\pm$ 0.408 χ^2 /NDF: 72395.2/8

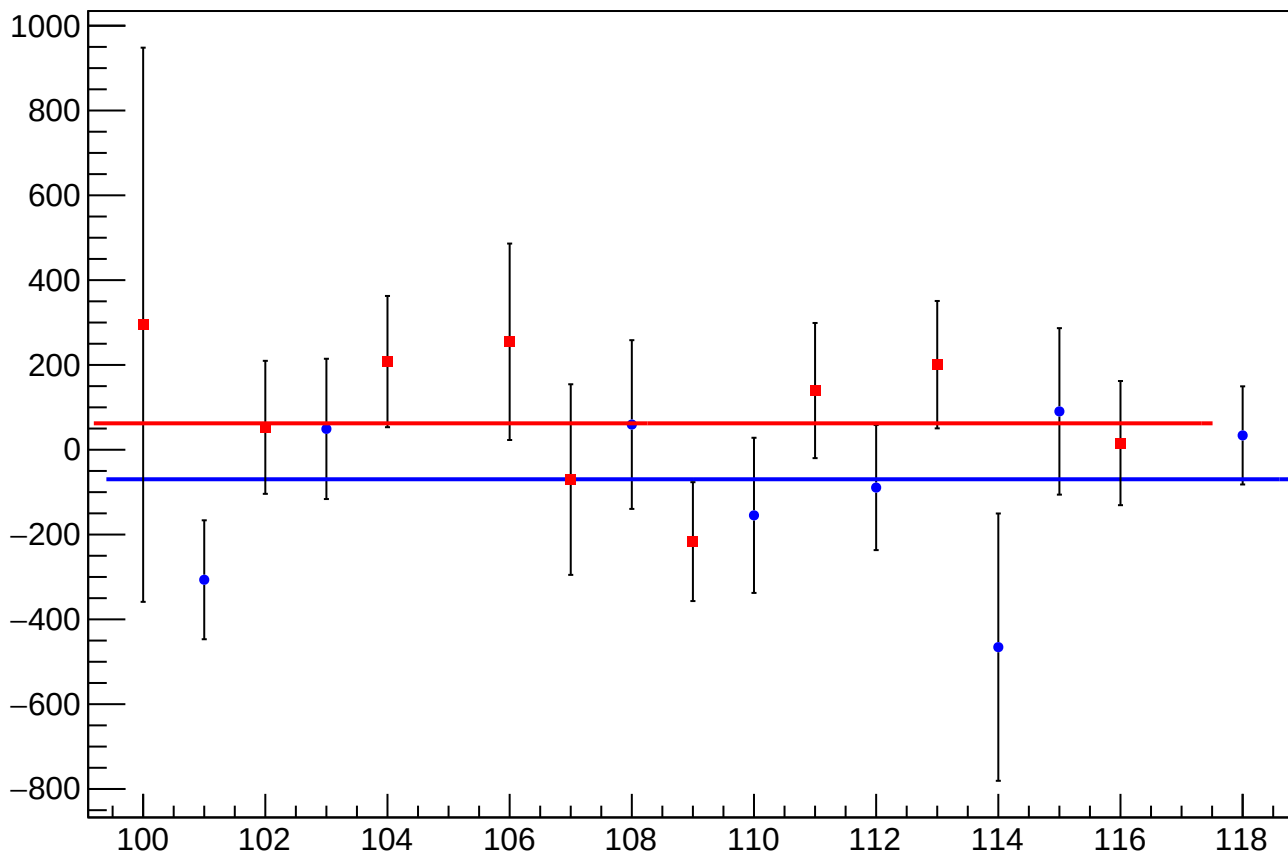
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1045.956 $\pm$ 0.285 χ^2 /NDF: 209220.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -69.598 $\pm$ 57.811 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.314 $\pm$ 57.315 χ^2 /NDF: 7.2/8

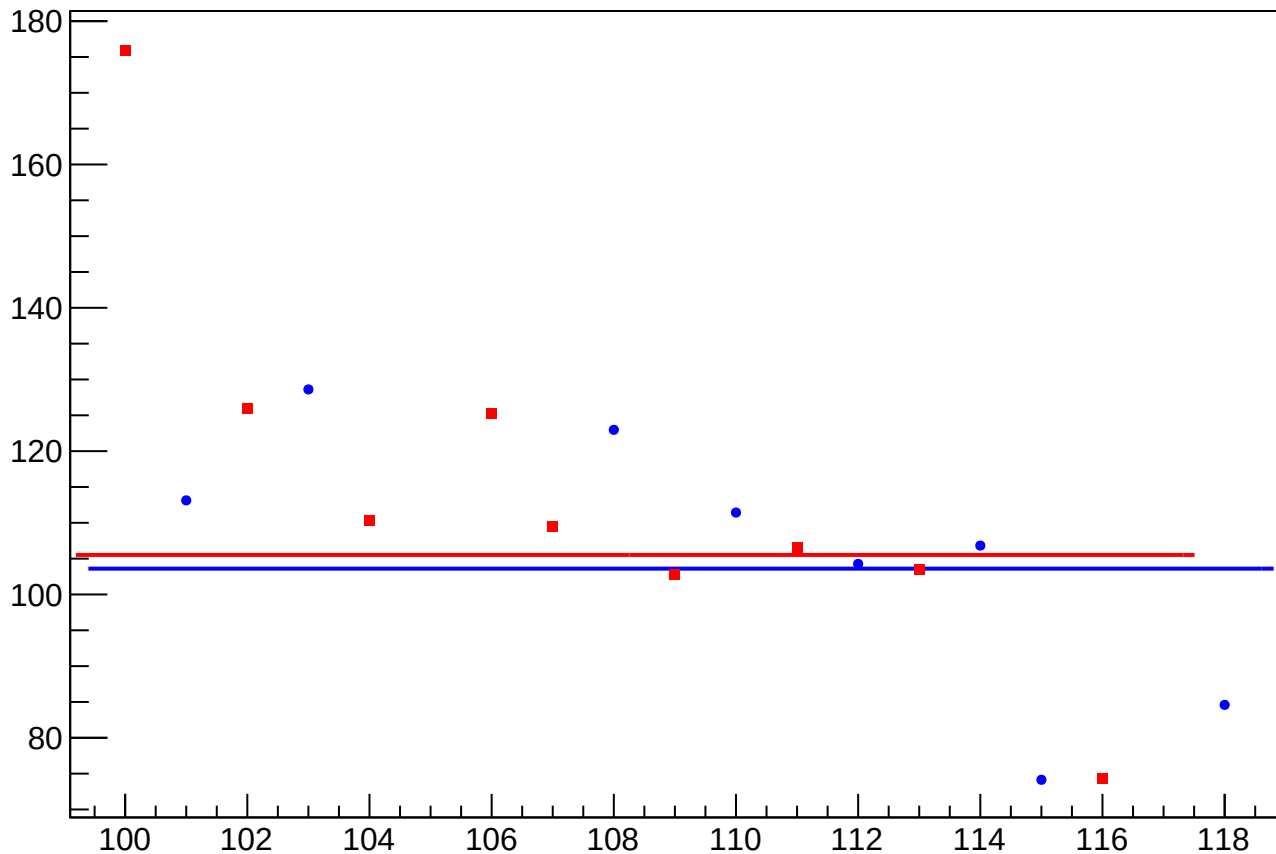
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.074 $\pm$ 40.702 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



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: 105.515 $\pm$ 0.041 χ^2 /NDF: 165755.0/8

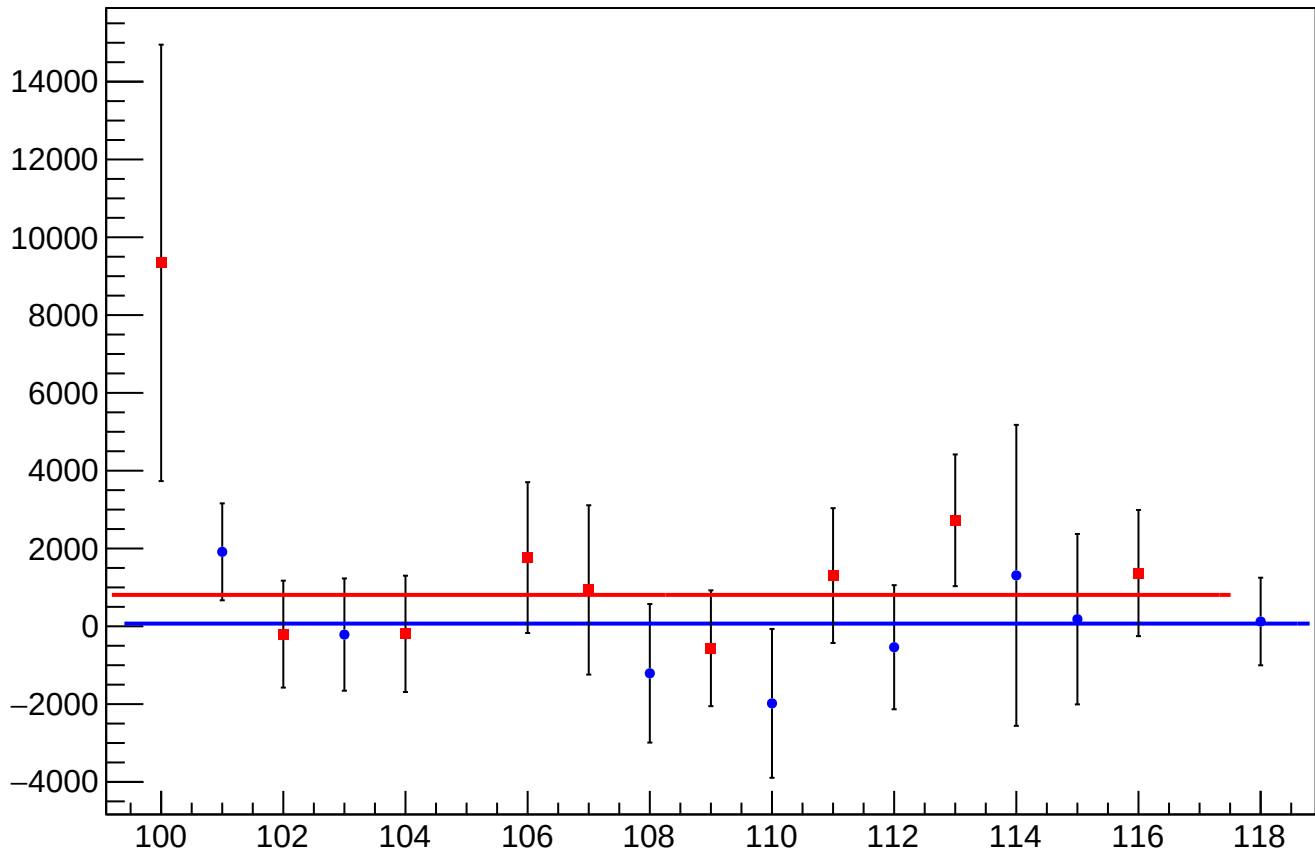
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.568 $\pm$ 0.029 χ^2 /NDF: 343712.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 69.597 $\pm$ 561.631 χ^2 /NDF: 4.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 807.465 $\pm$ 577.378 χ^2 /NDF: 5.9/8

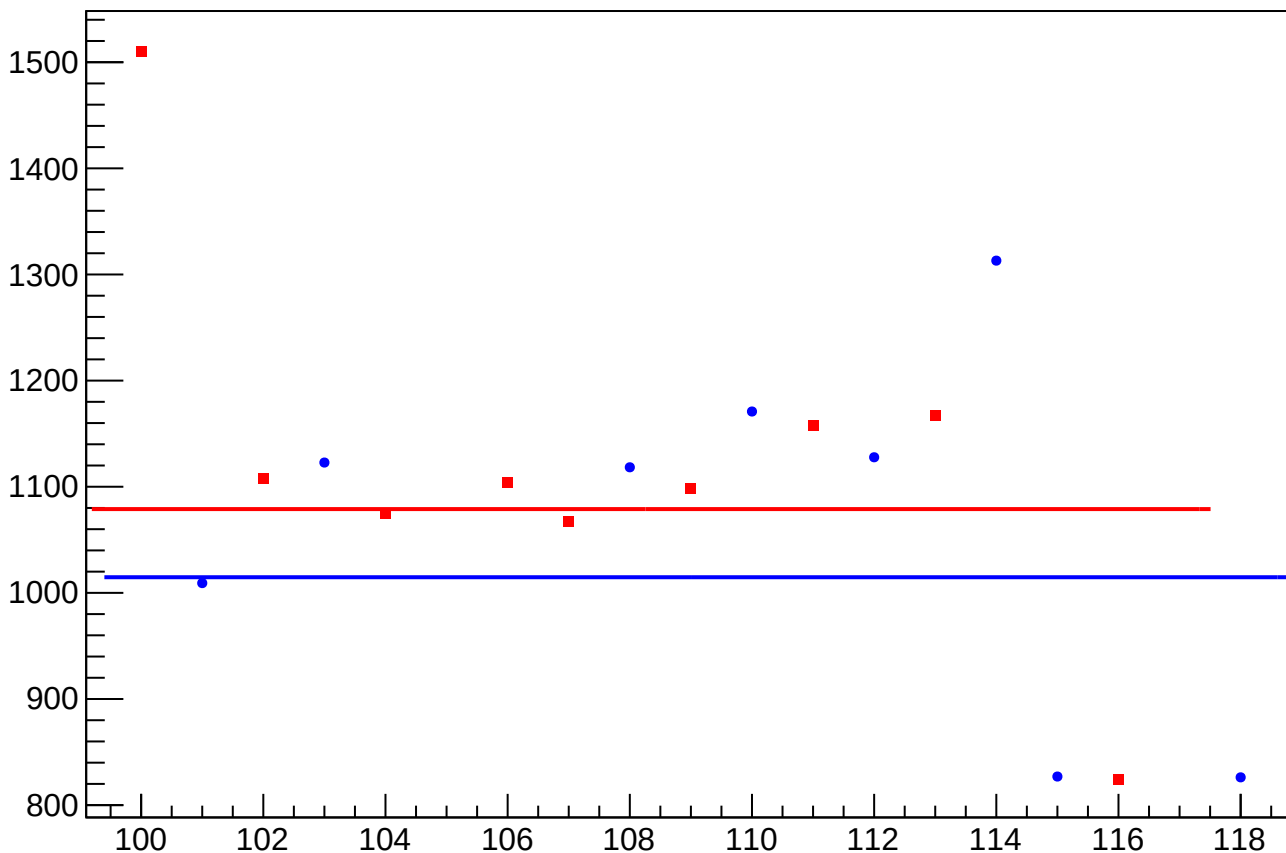
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 428.332 $\pm$ 402.585 χ^2 /NDF: 10.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



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: 1078.949+/-0.408 χ^2/NDF : 72392.1/8

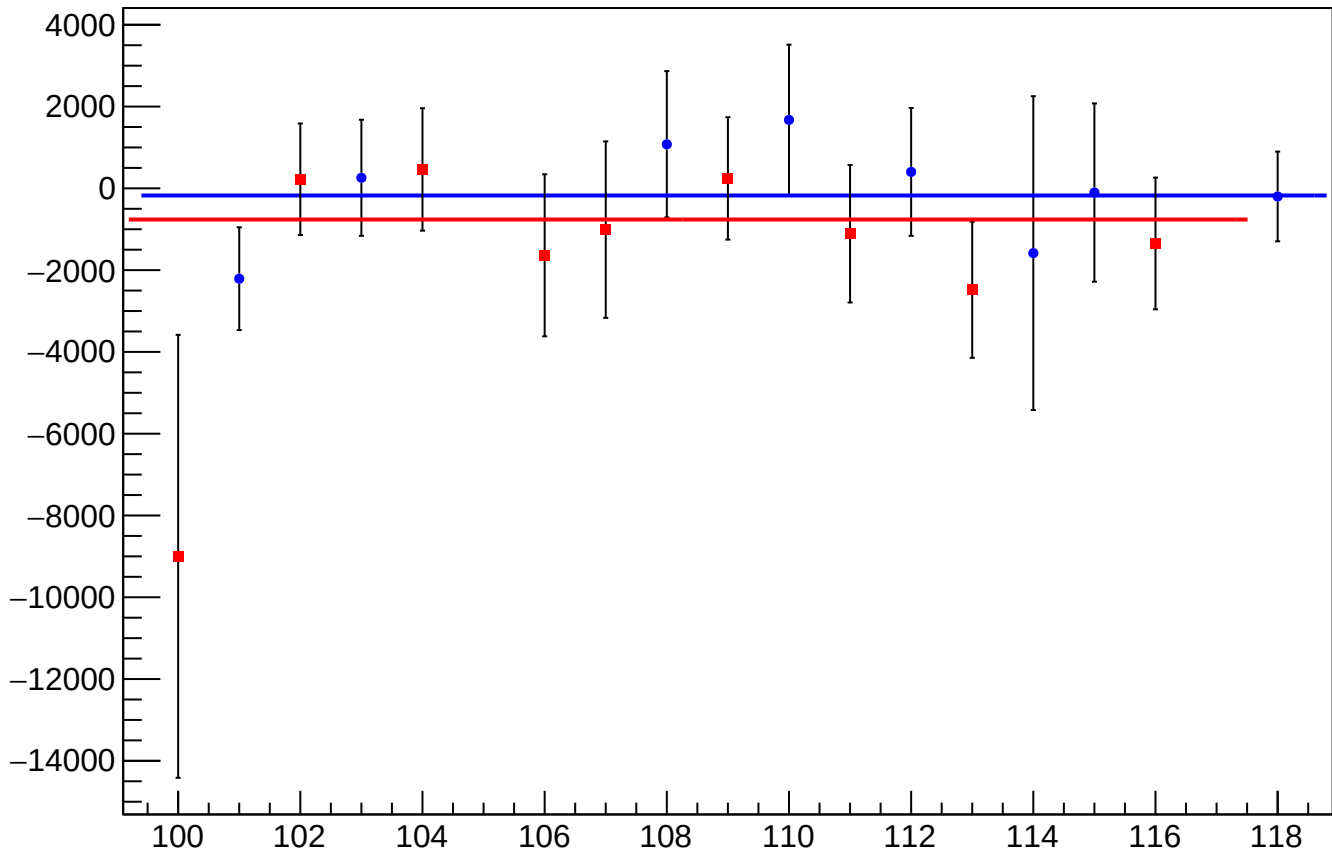
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1045.953+/-0.285 χ^2/NDF : 209215.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



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: -762.540+/-574.067 χ^2/NDF : 5.4/8

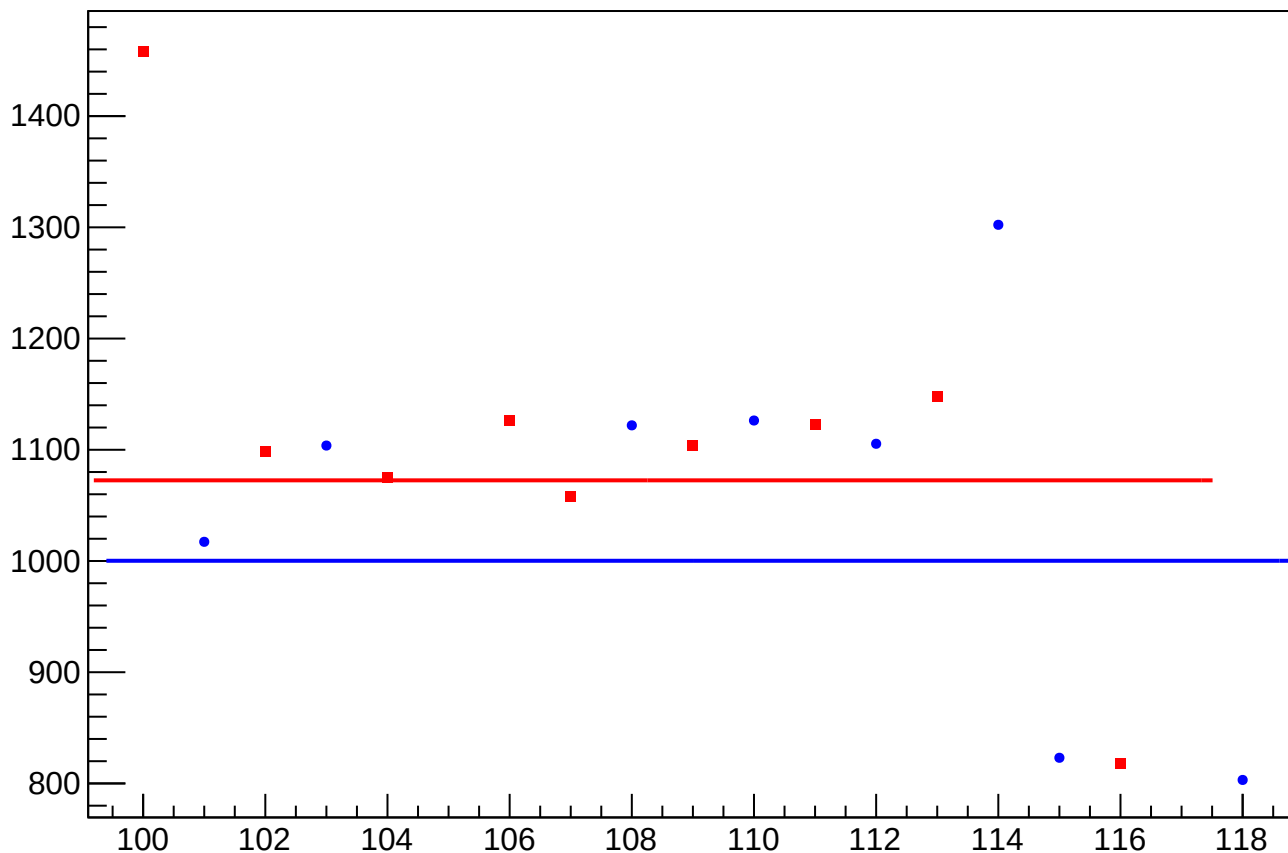
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.345+/-398.723 χ^2/NDF : 10.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 1000.197 $\pm$ 0.392 χ^2 /NDF: 128879.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1072.519 $\pm$ 0.406 χ^2 /NDF: 69022.7/8

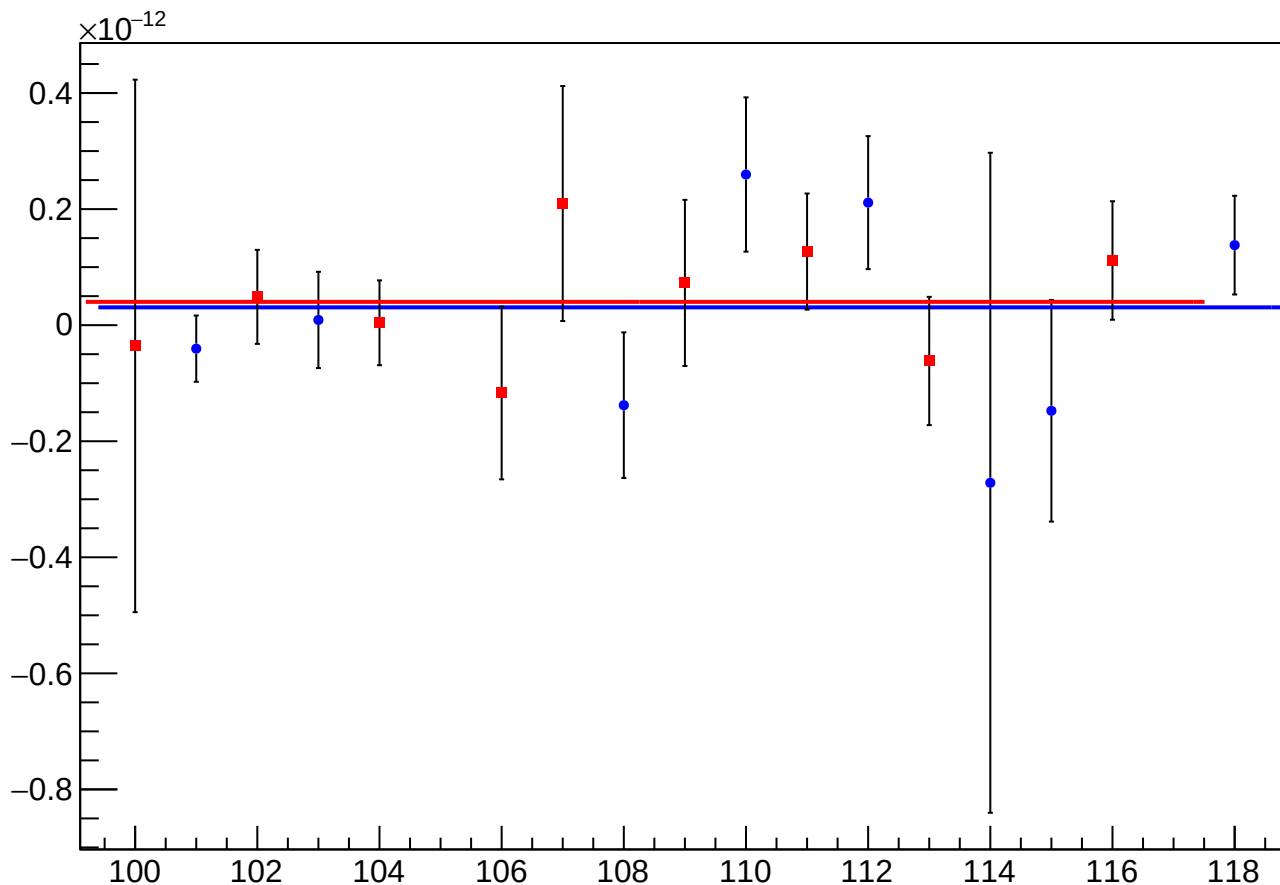
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1035.086 $\pm$ 0.282 χ^2 /NDF: 214332.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug



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 : 4.2/8

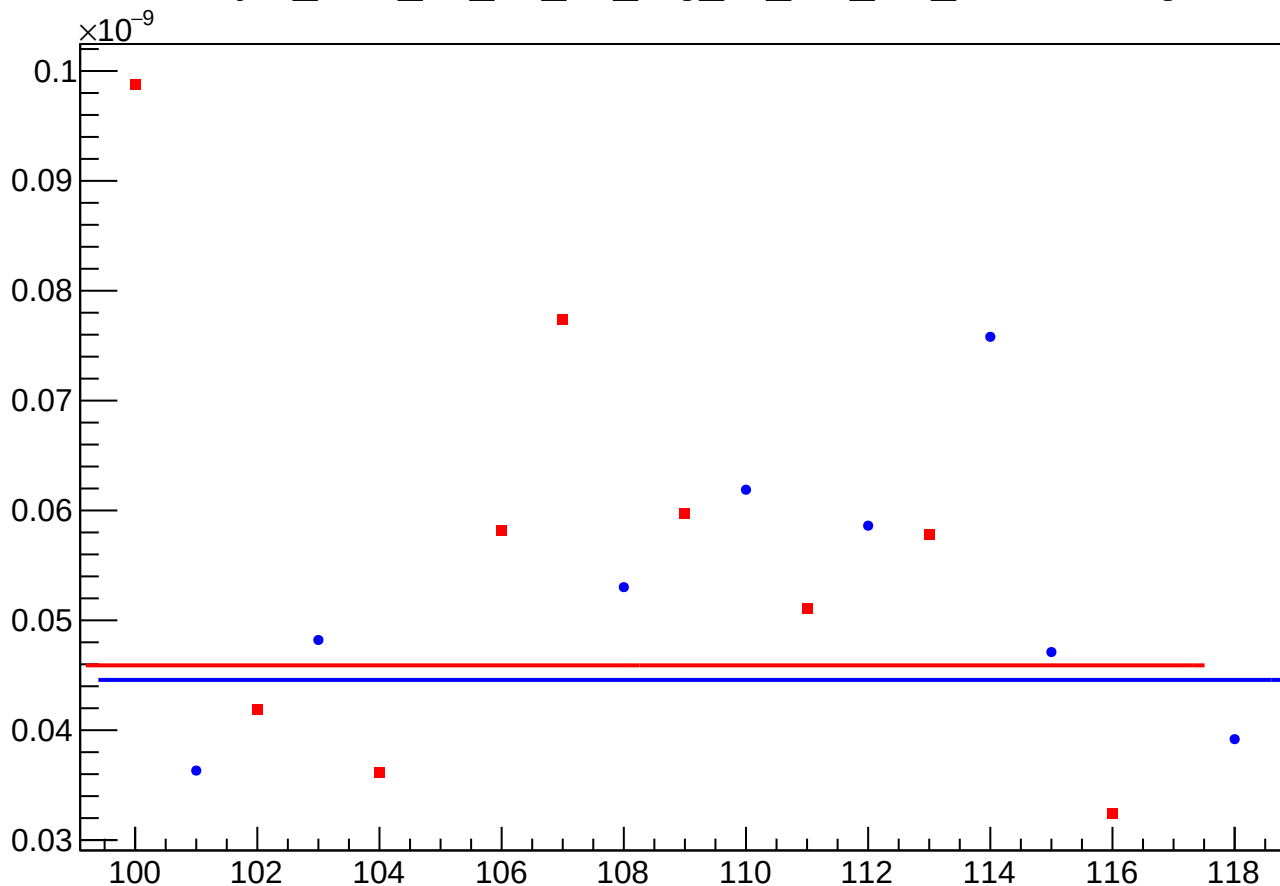
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug



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 : 210885.3/8

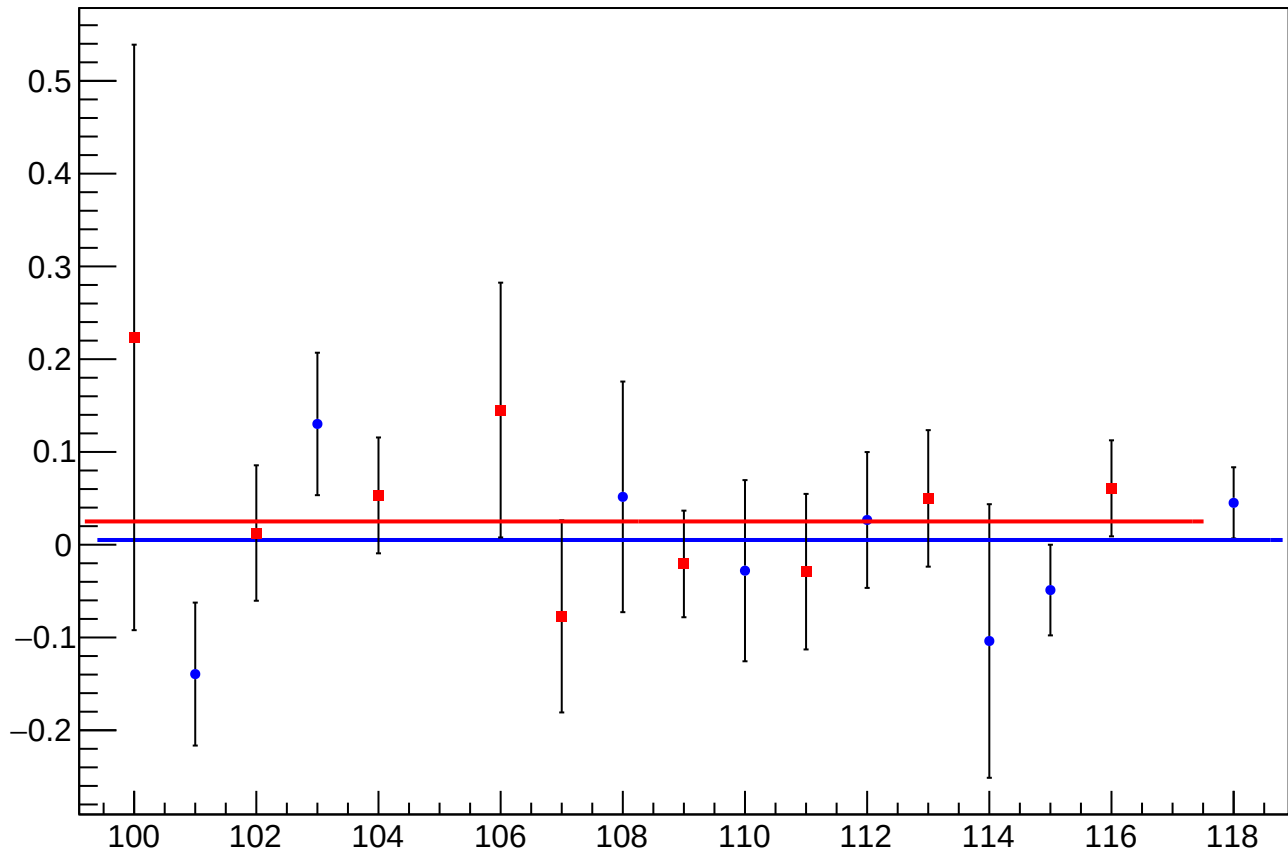
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 345271.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.023 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.025 χ^2 /NDF: 4.0/8

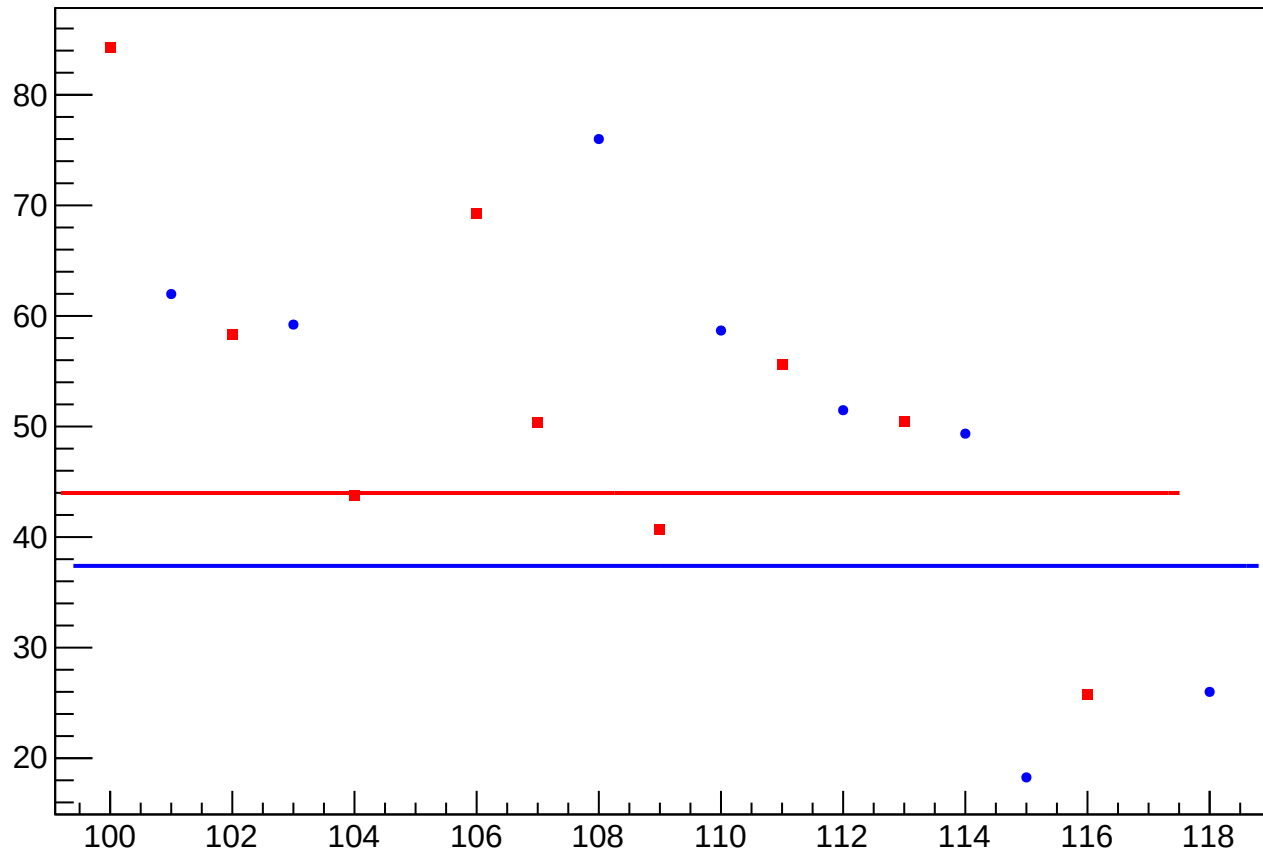
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.017 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



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: 43.986+/-0.018 χ^2/NDF : 493450.6/8

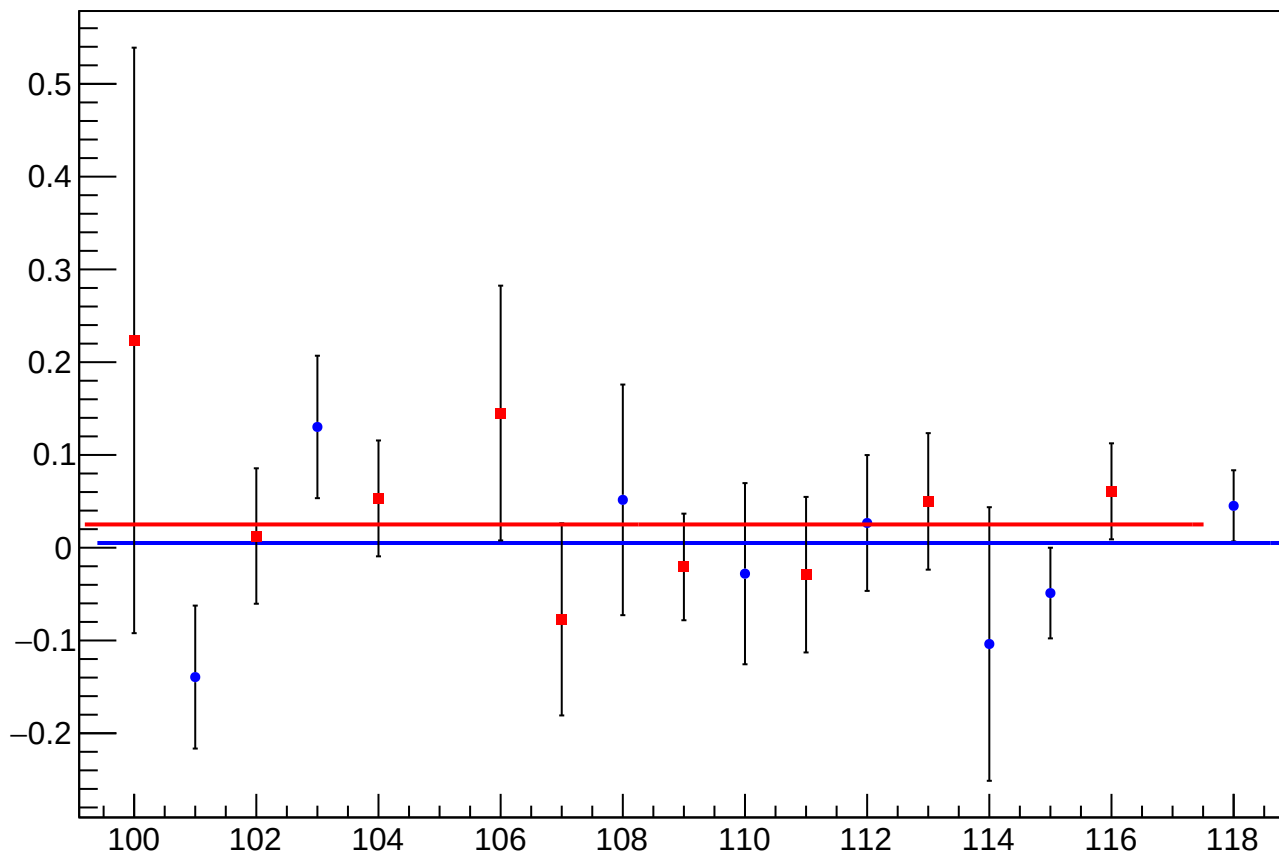
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.465+/-0.012 χ^2/NDF : 1791276.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.023 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.025 χ^2 /NDF: 4.0/8

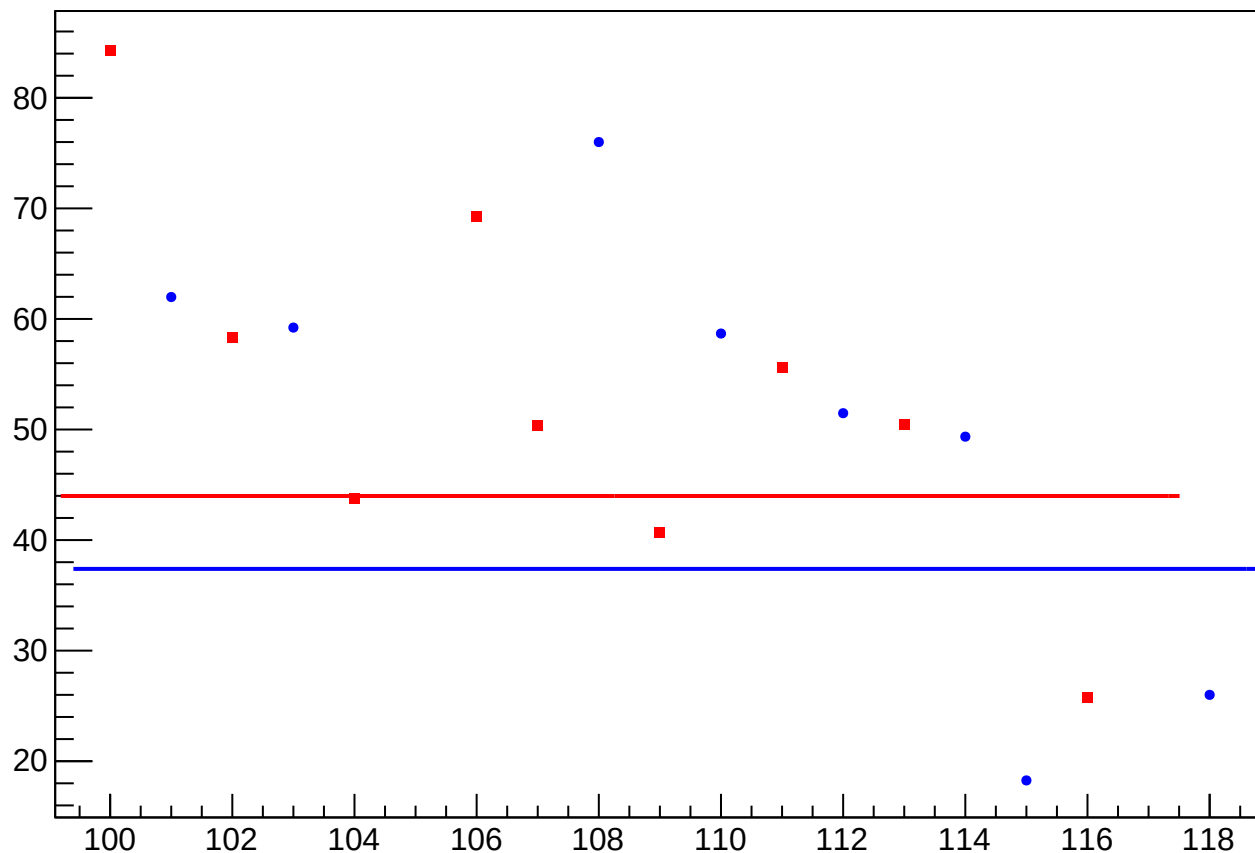
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.017 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 43.986+/-0.018 χ^2/NDF : 493450.6/8

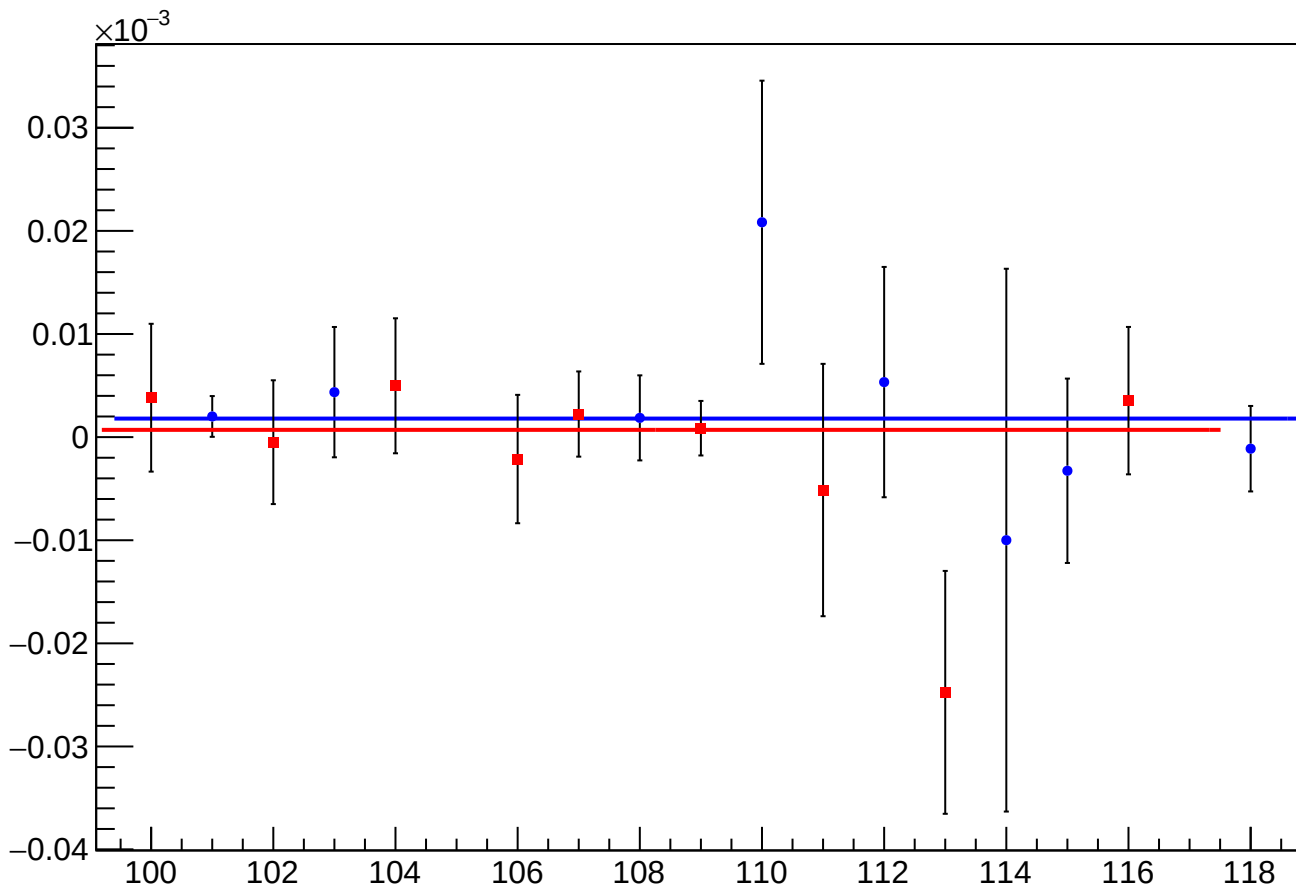
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.465+/-0.012 χ^2/NDF : 1791276.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



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: 6.1/8

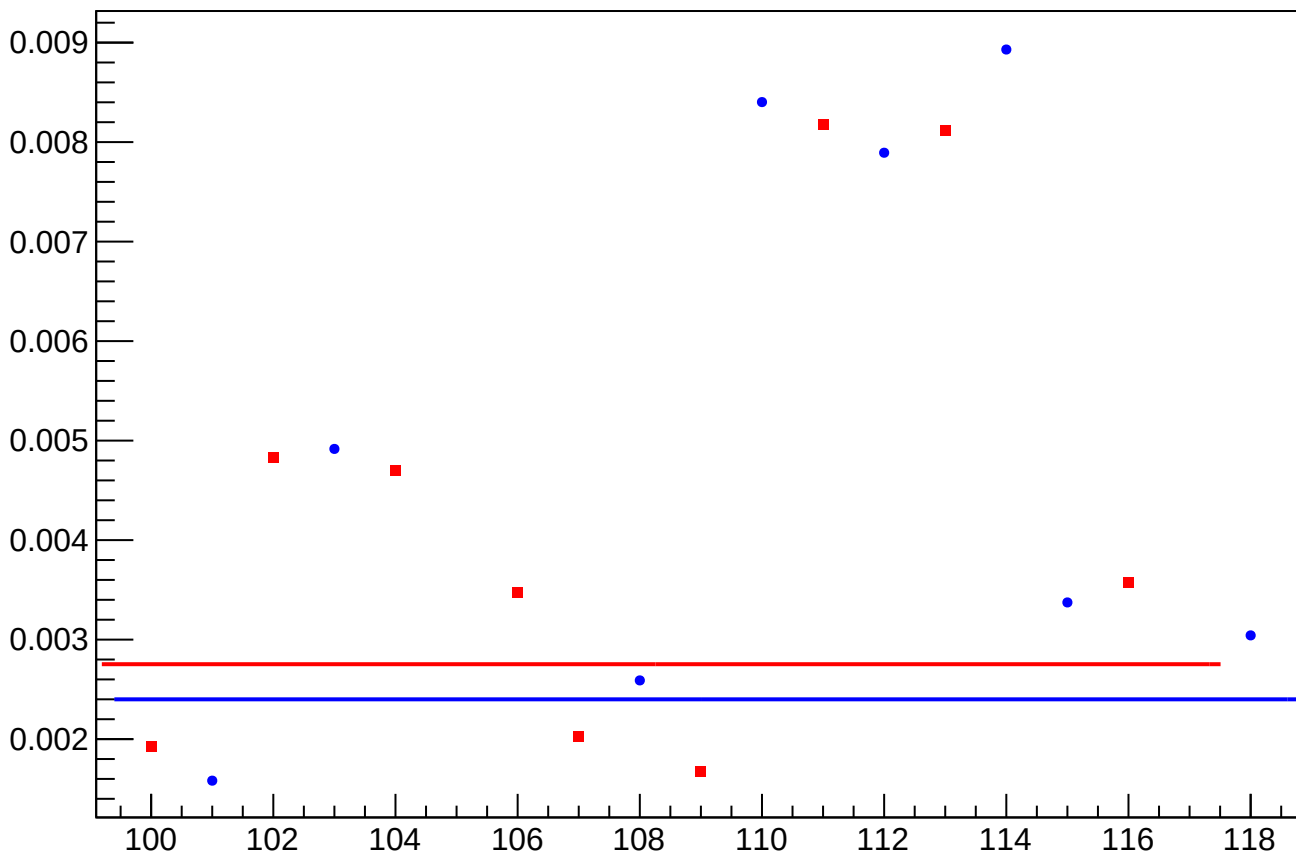
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1699162.9/8

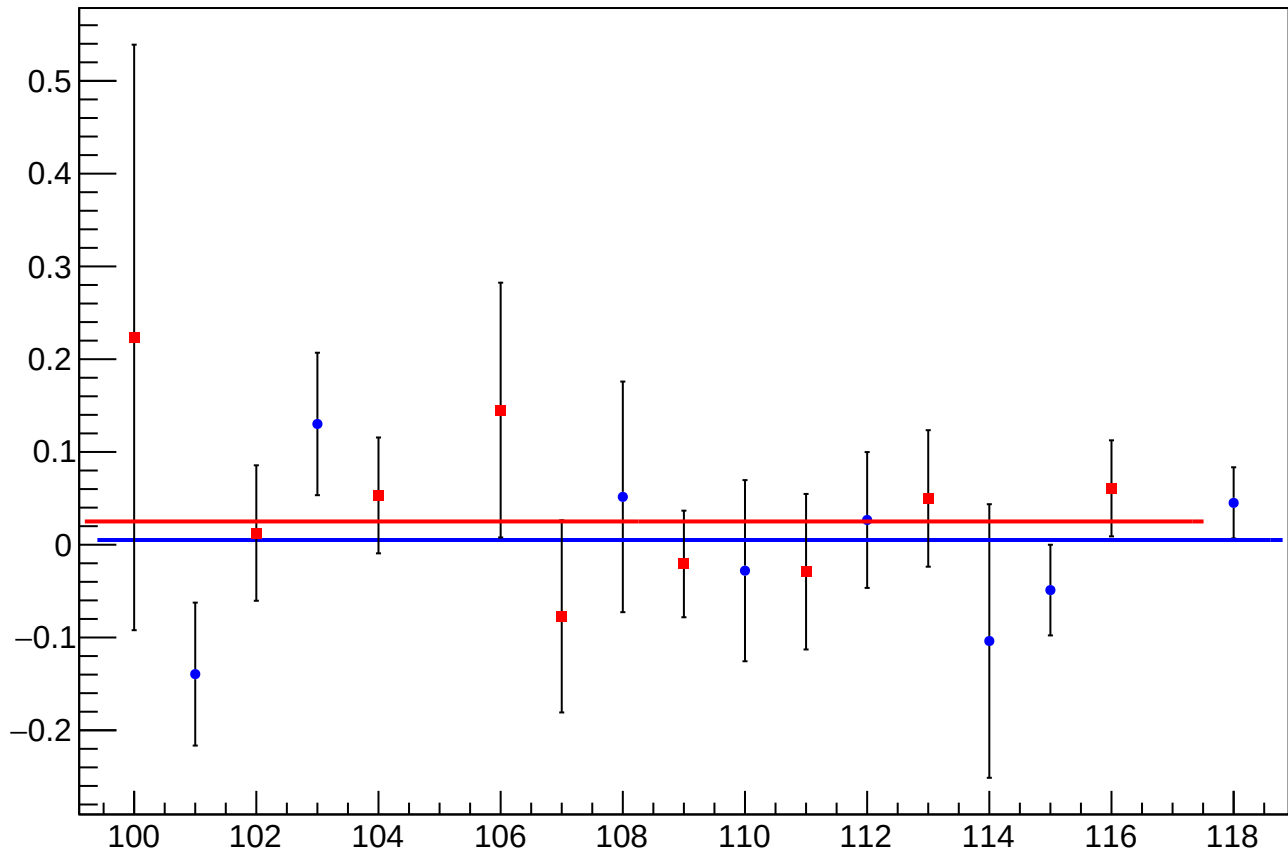
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3469827.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.023 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.025 $\pm$ 0.025 χ^2 /NDF: 4.0/8

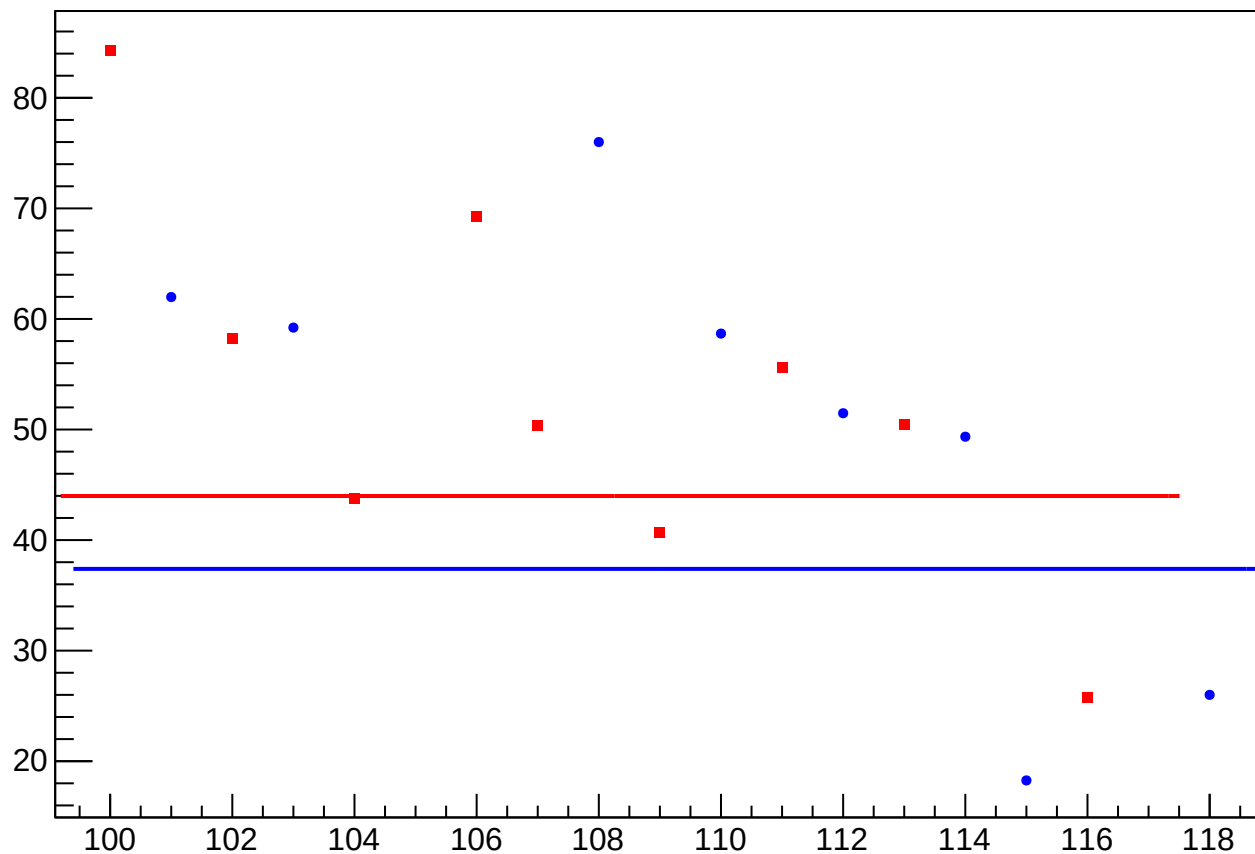
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.017 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 43.986+/-0.018 χ^2/NDF : 493329.5/8

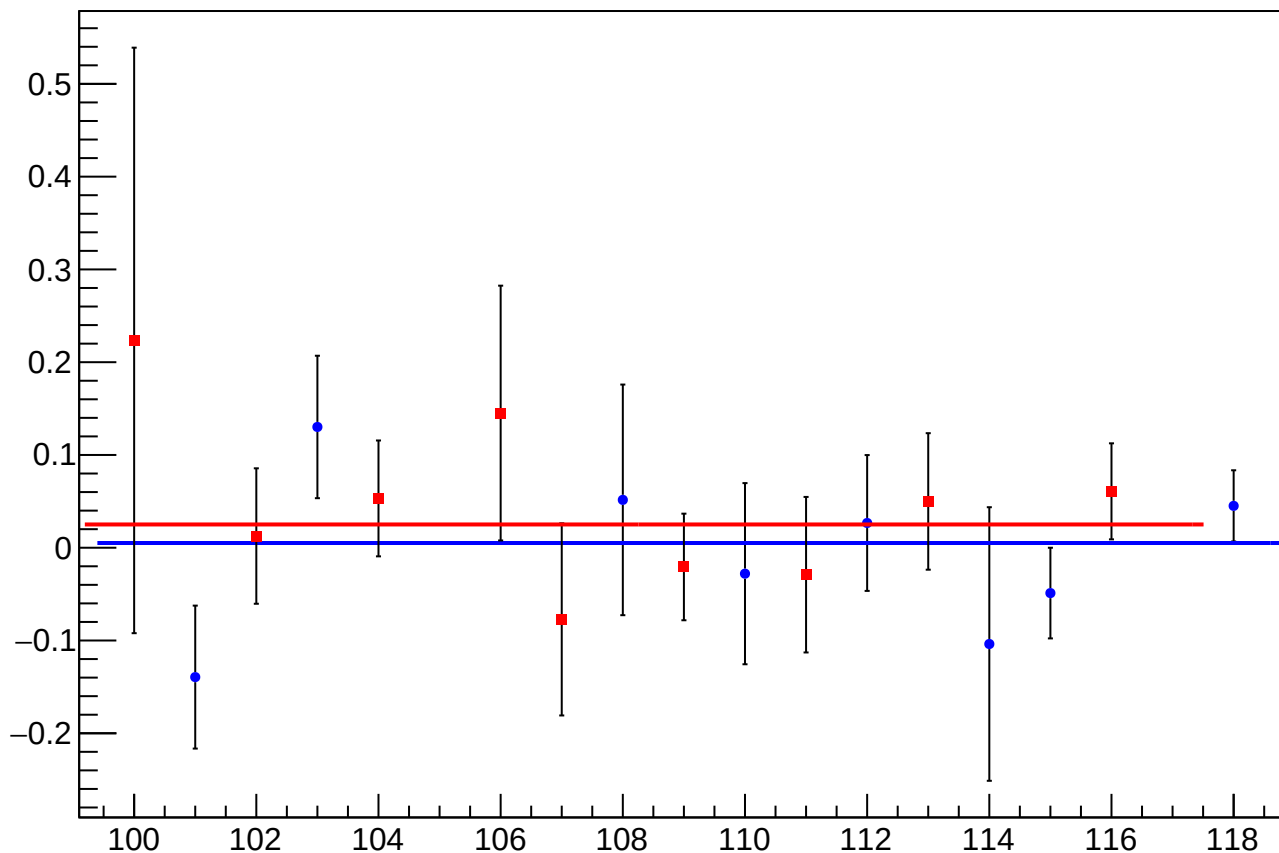
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.466+/-0.012 χ^2/NDF : 1790966.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.023 χ^2 /NDF: 9.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.025 $\pm$ 0.025 χ^2 /NDF: 4.0/8

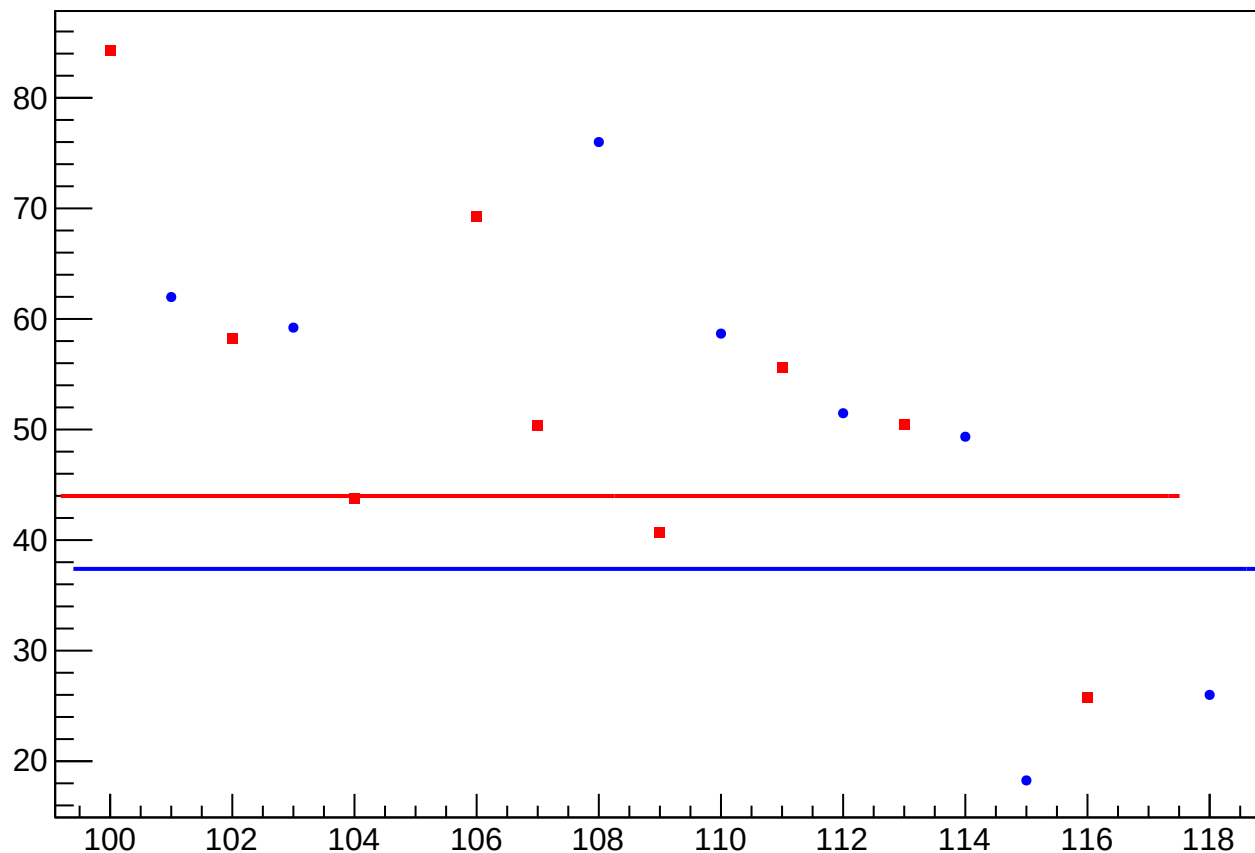
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.017 χ^2 /NDF: 13.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 43.986+/-0.018 χ^2/NDF : 493329.5/8

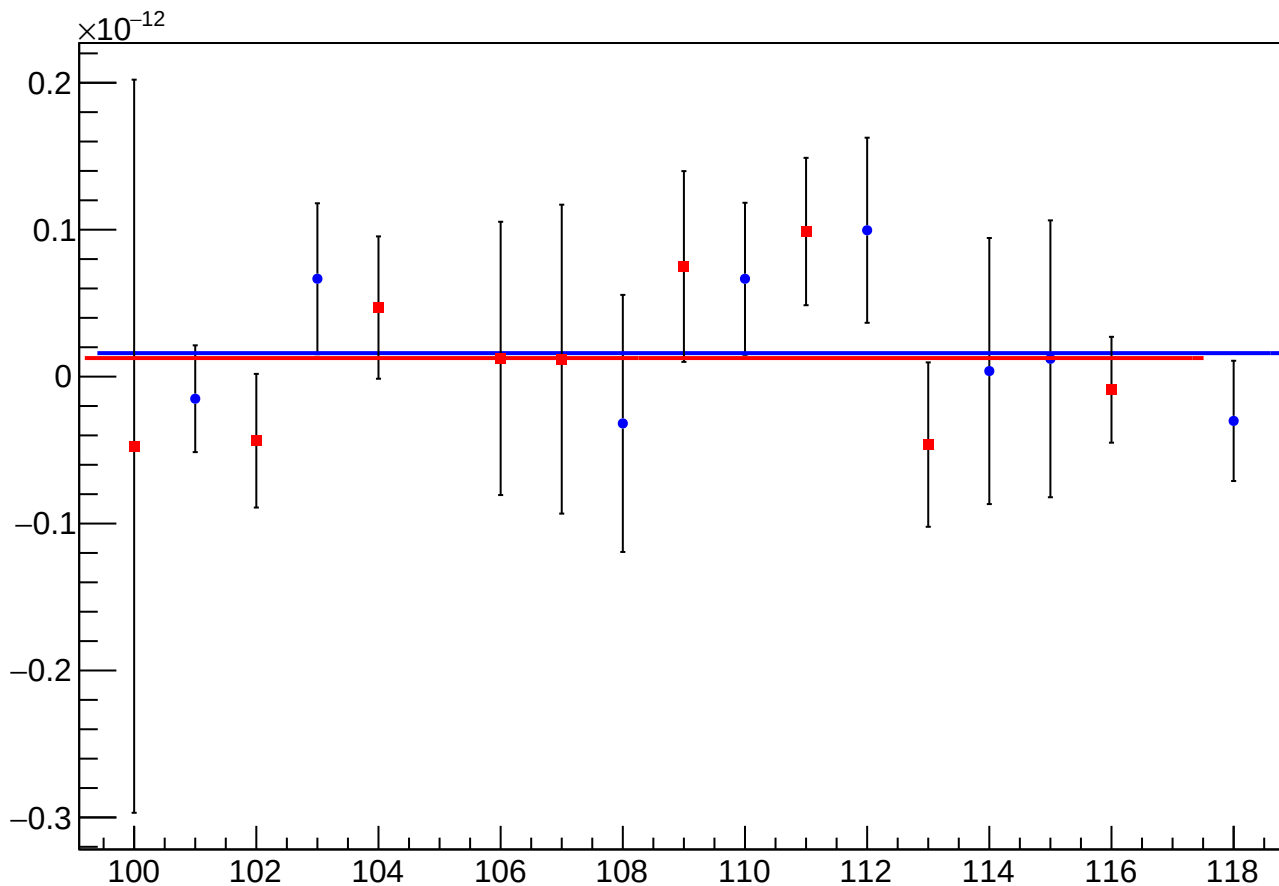
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.466+/-0.012 χ^2/NDF : 1790966.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.4/8

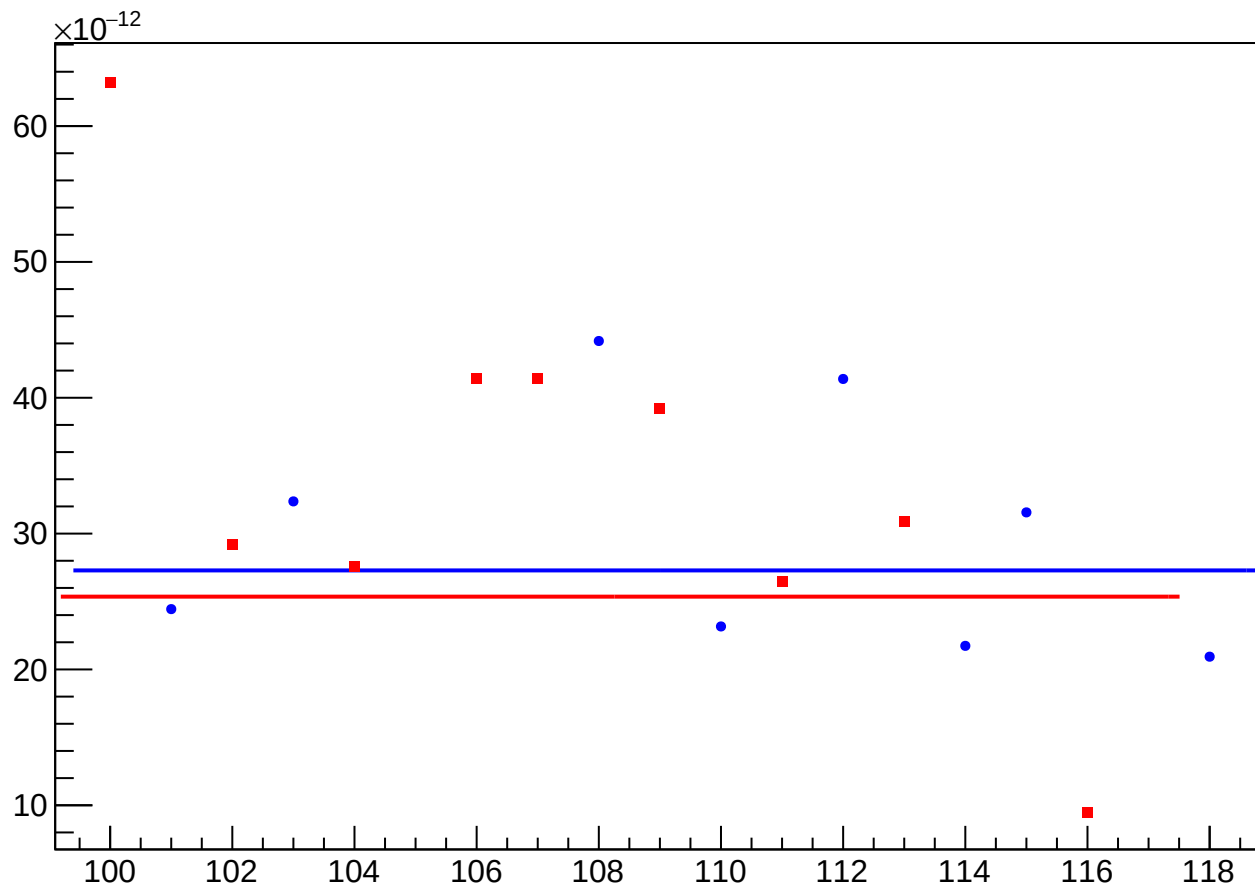
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 279095.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 671940.3/8

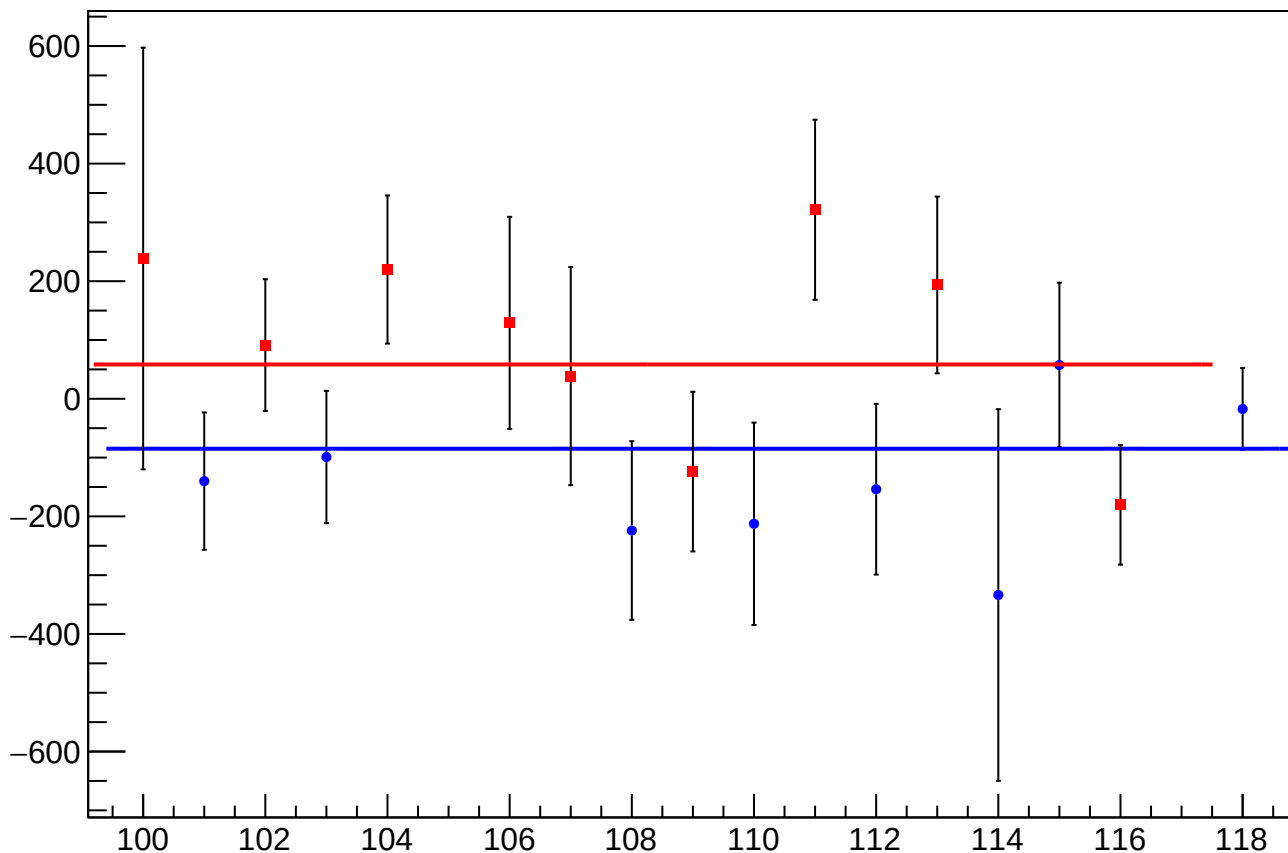
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 961435.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



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: 58.330 $\pm$ 47.241 χ^2 /NDF: 13.2/8

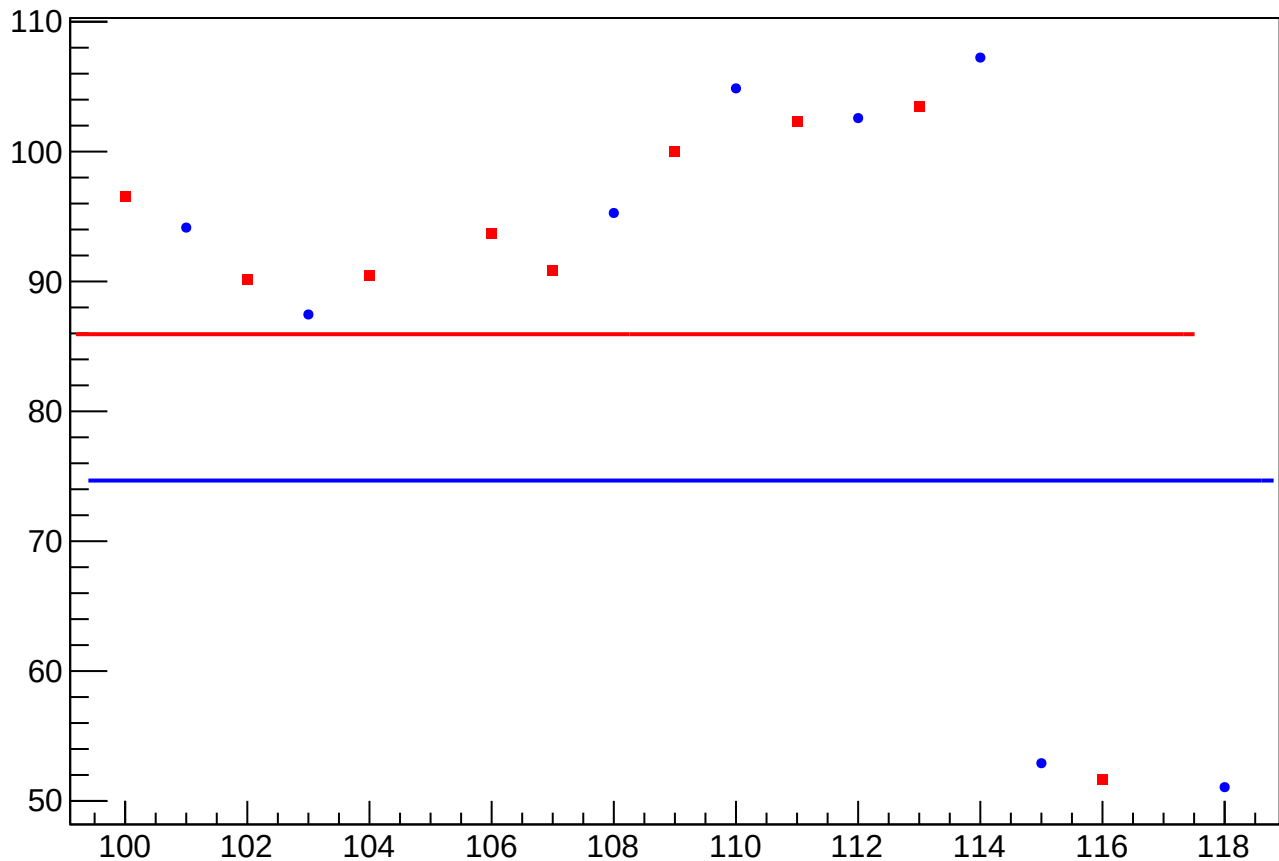
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.286 $\pm$ 31.731 χ^2 /NDF: 22.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



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: 85.939+/-0.033 χ^2/NDF : 311782.2/8

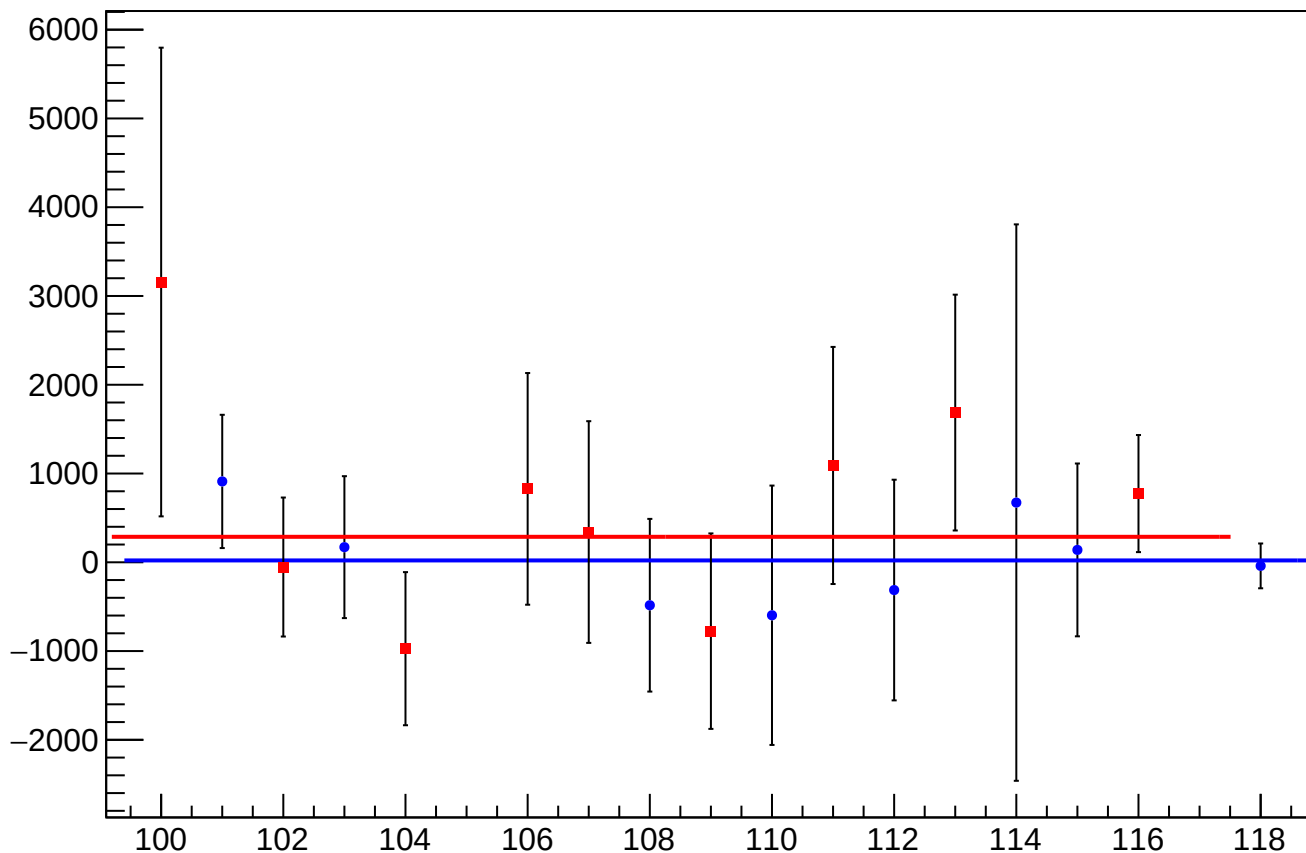
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.755+/-0.022 χ^2/NDF : 928565.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 20.925 $\pm$ 211.436 χ^2 /NDF: 2.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 287.062 $\pm$ 341.025 χ^2 /NDF: 6.6/8

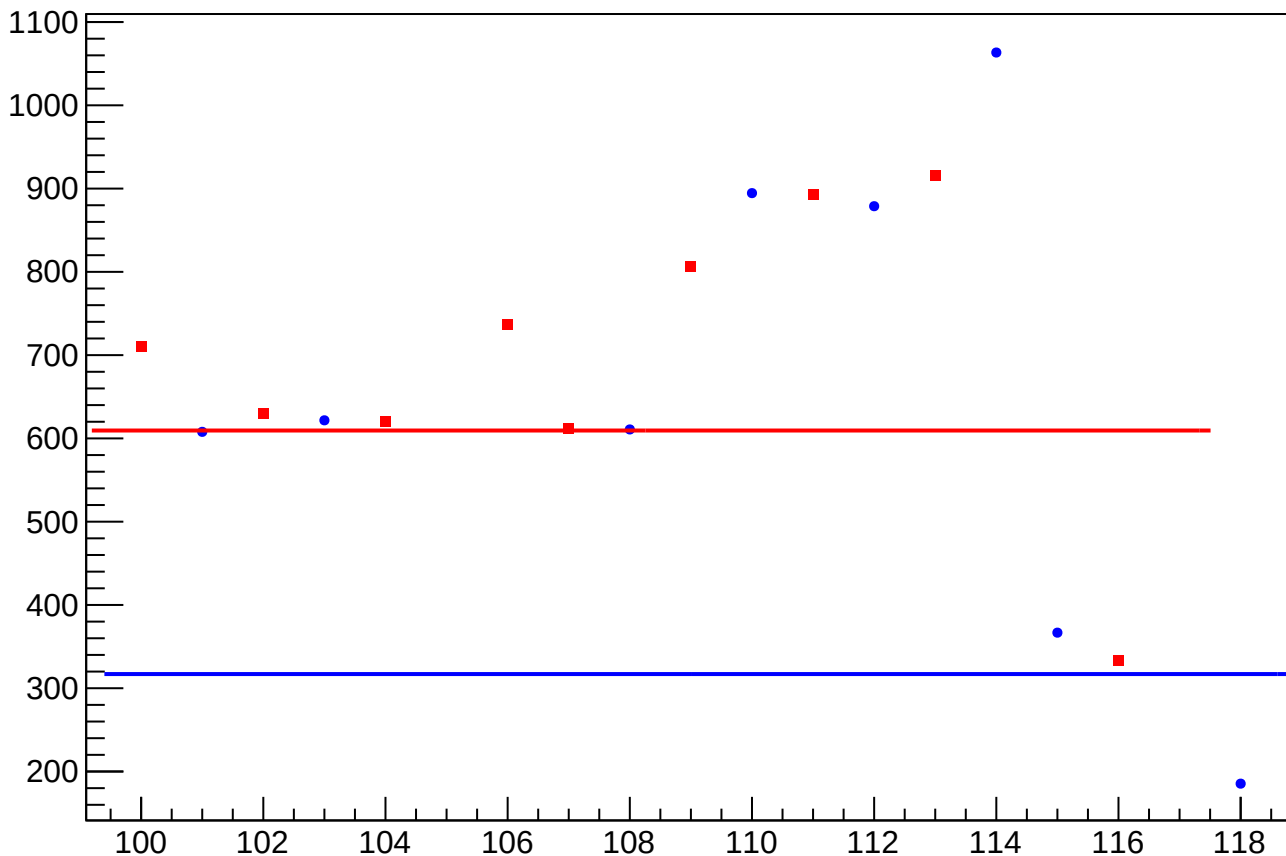
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 94.822 $\pm$ 179.700 χ^2 /NDF: 9.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 317.015 $\pm$ 0.150 χ^2 /NDF: 2156885.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 609.479 $\pm$ 0.241 χ^2 /NDF: 633005.3/8

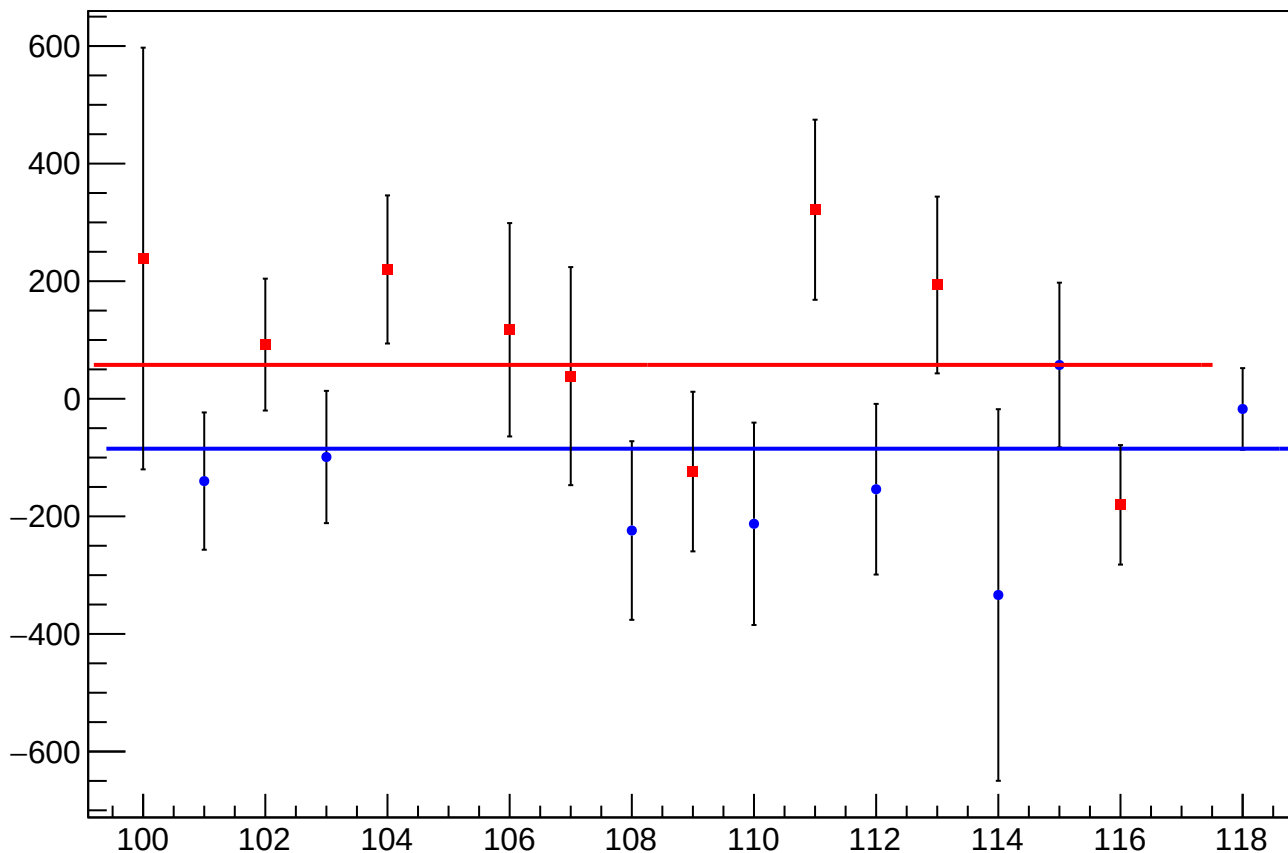
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 398.223 $\pm$ 0.127 χ^2 /NDF: 3852415.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -84.919 ± 42.830 χ^2/NDF : 4.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.639 ± 47.262 χ^2/NDF : 13.2/8

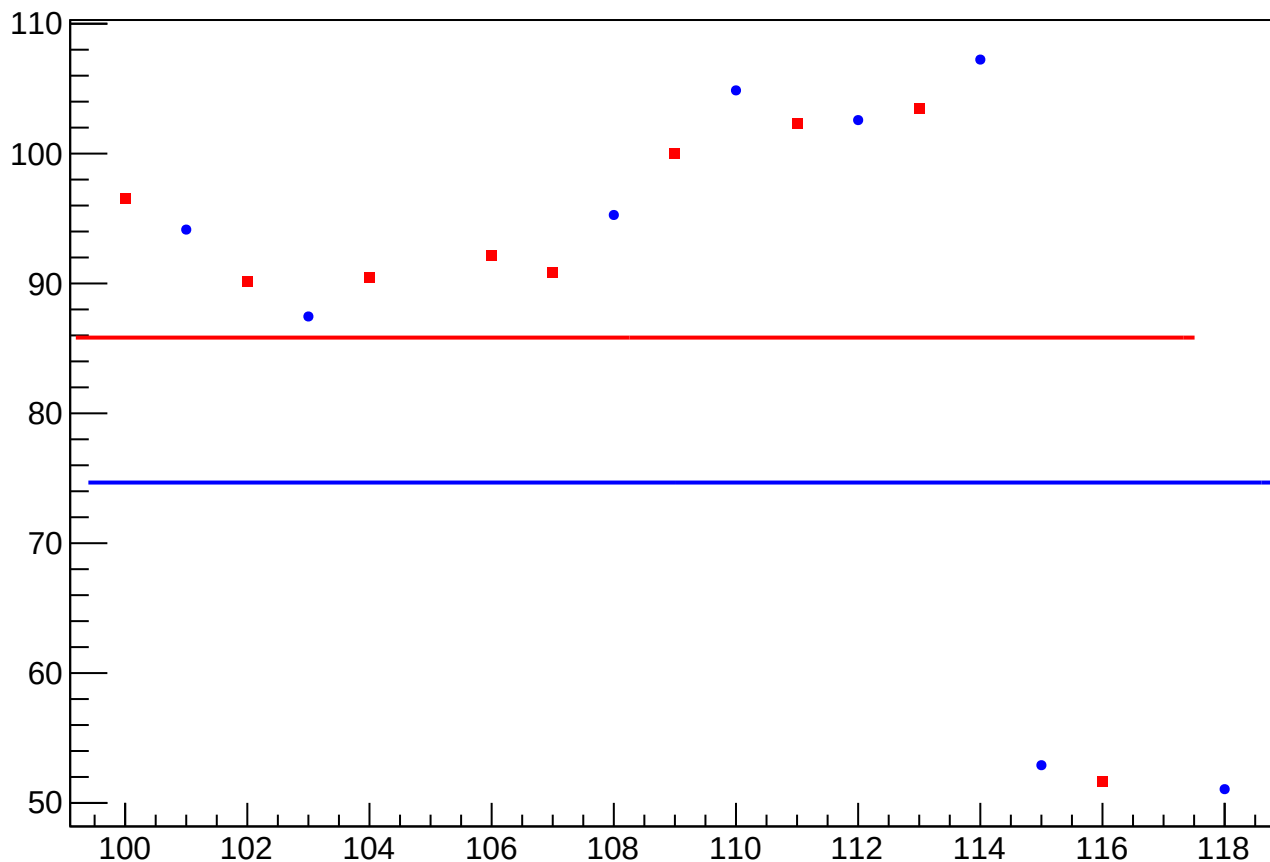
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.635 ± 31.737 χ^2/NDF : 22.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 74.671 $\pm$ 0.030 χ^2 /NDF: 554329.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.832 $\pm$ 0.033 χ^2 /NDF: 310461.7/8

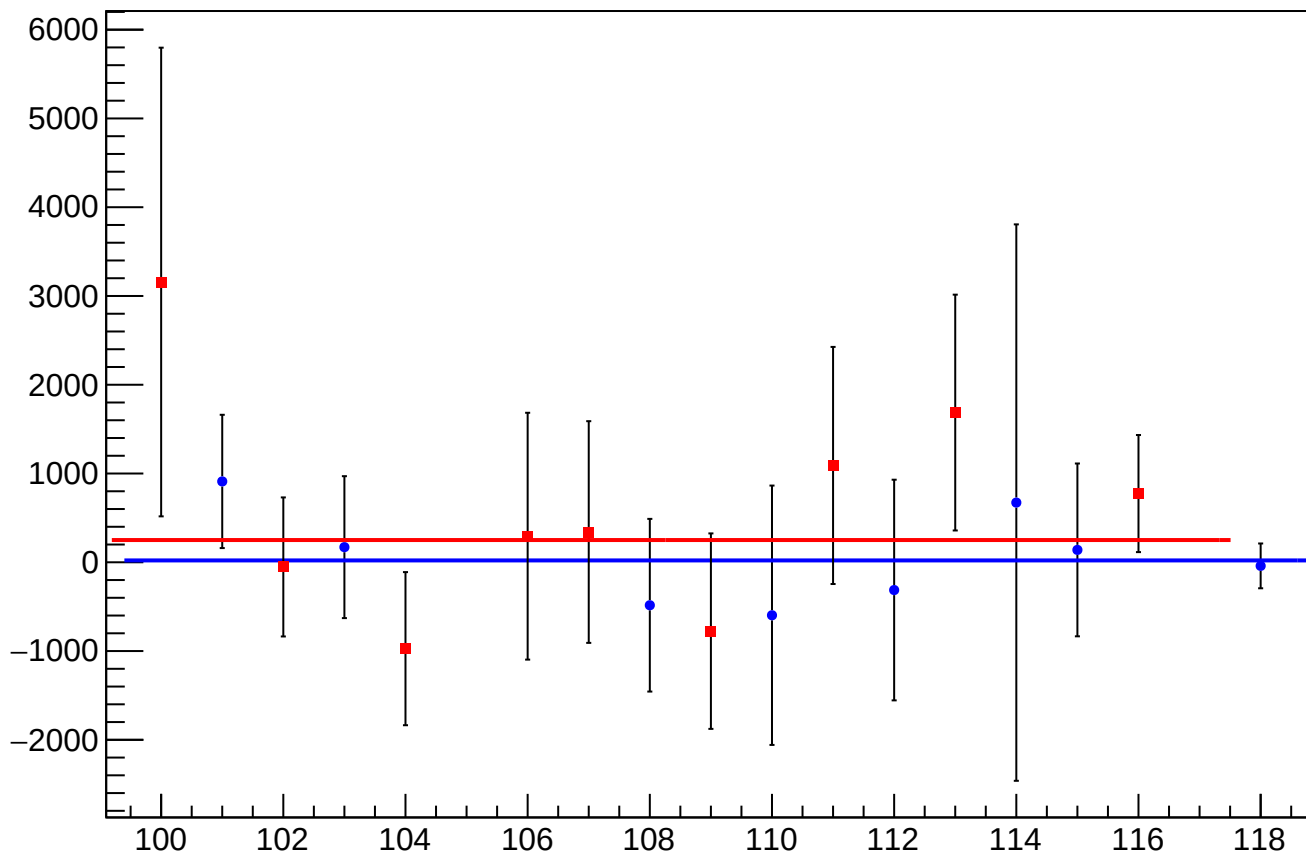
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.704 $\pm$ 0.022 χ^2 /NDF: 926034.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



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: 250.539+/-342.446 χ^2/NDF : 6.4/8

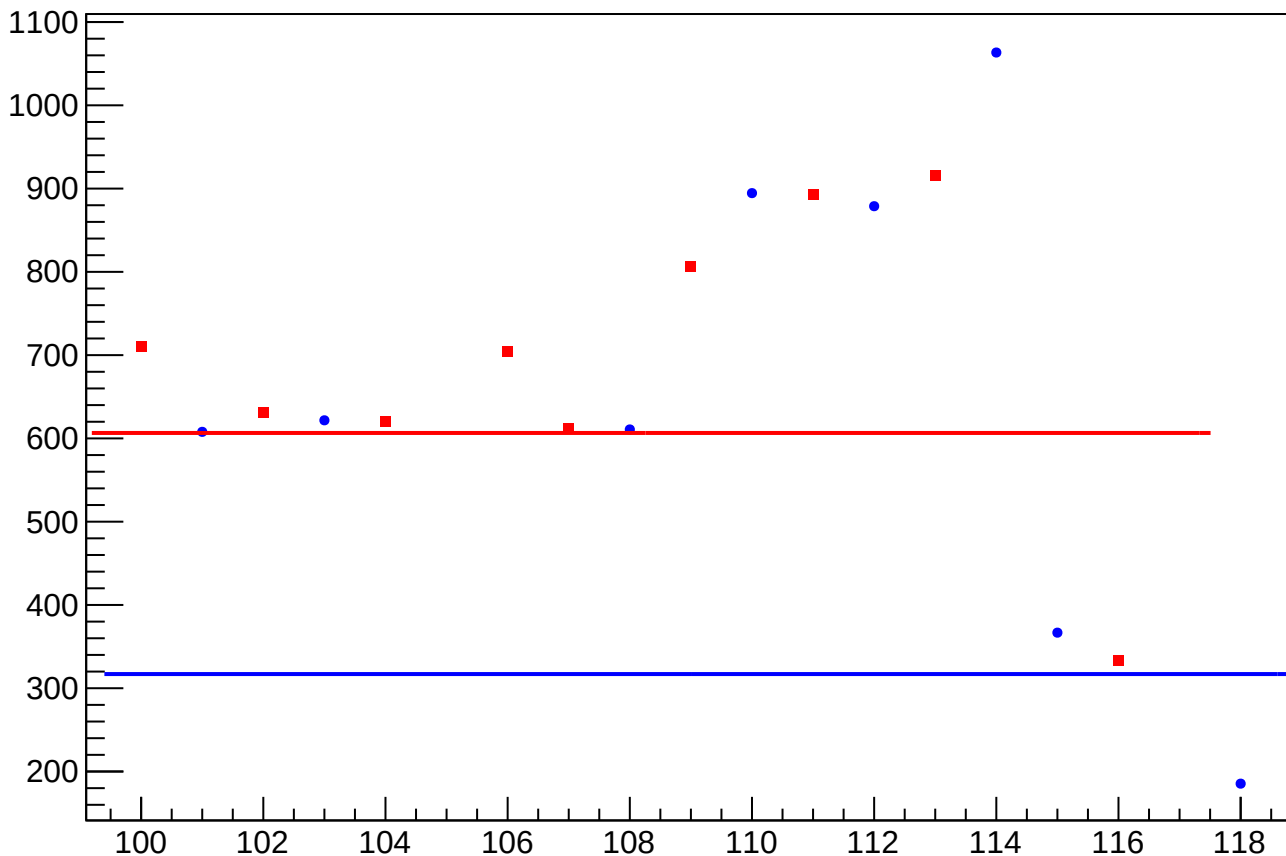
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.288+/-179.907 χ^2/NDF : 8.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



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: 606.542 $\pm$ 0.242 χ^2 /NDF: 623287.9/8

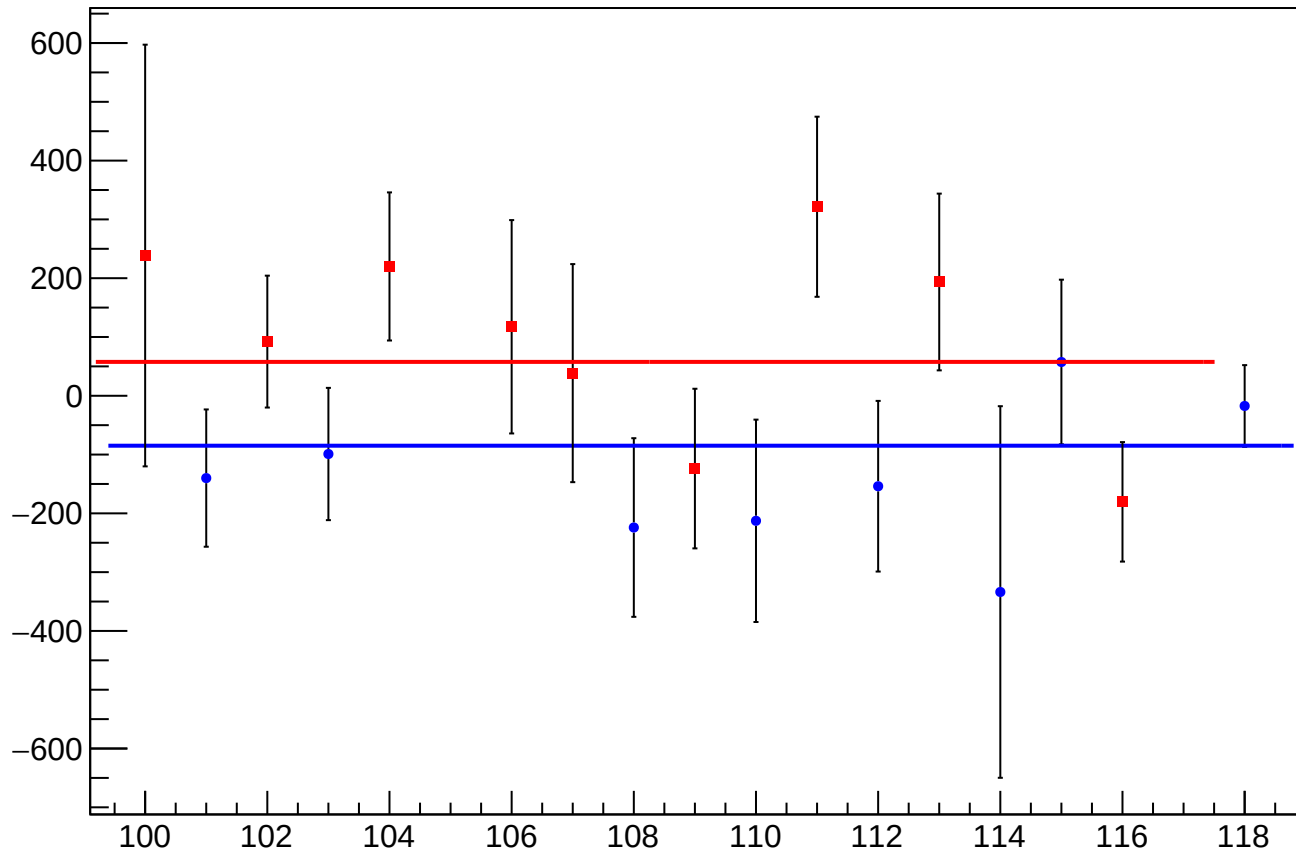
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.924 $\pm$ 0.127 χ^2 /NDF: 3815253.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



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: 57.639 $\pm$ 47.262 χ^2 /NDF: 13.2/8

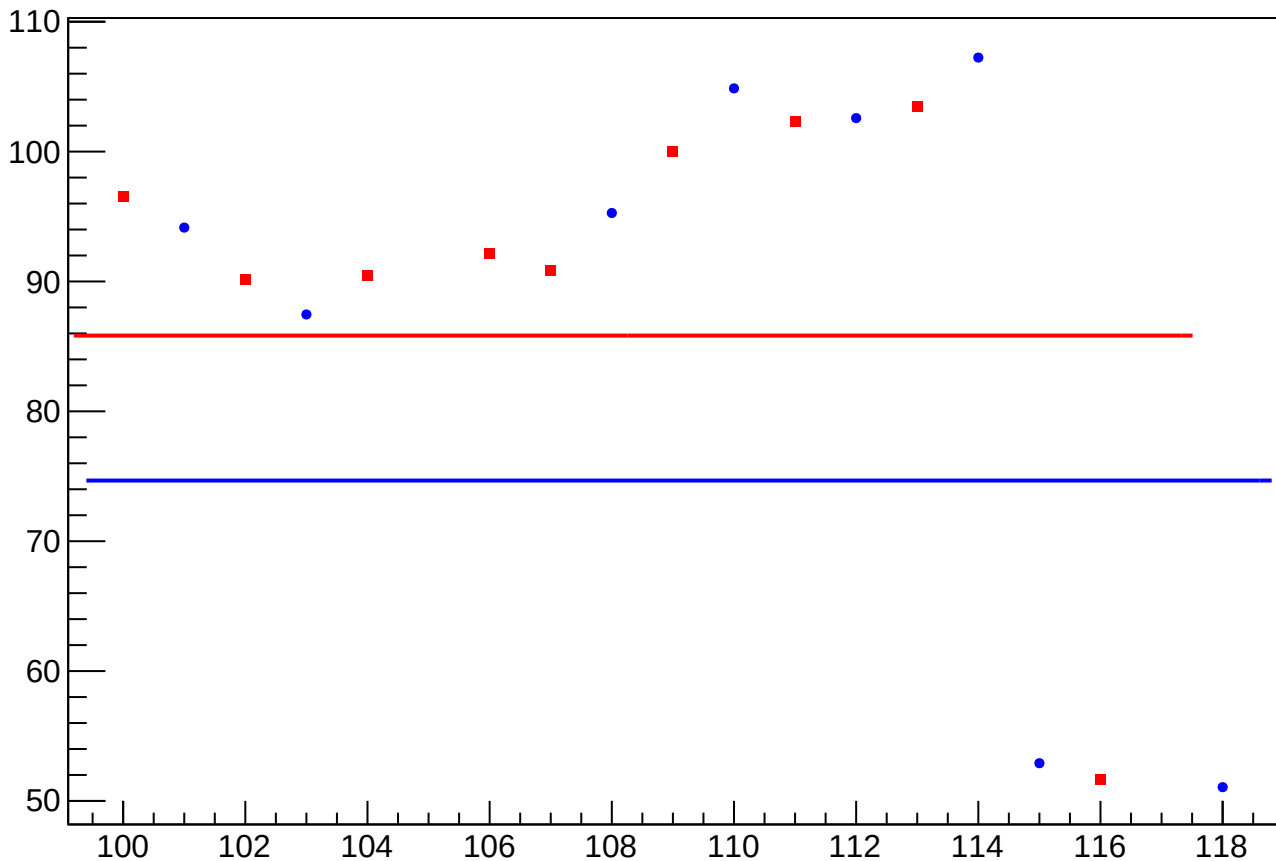
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.635 $\pm$ 31.737 χ^2 /NDF: 22.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 74.671 $\pm$ 0.030 χ^2 /NDF: 554329.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.832 $\pm$ 0.033 χ^2 /NDF: 310461.7/8

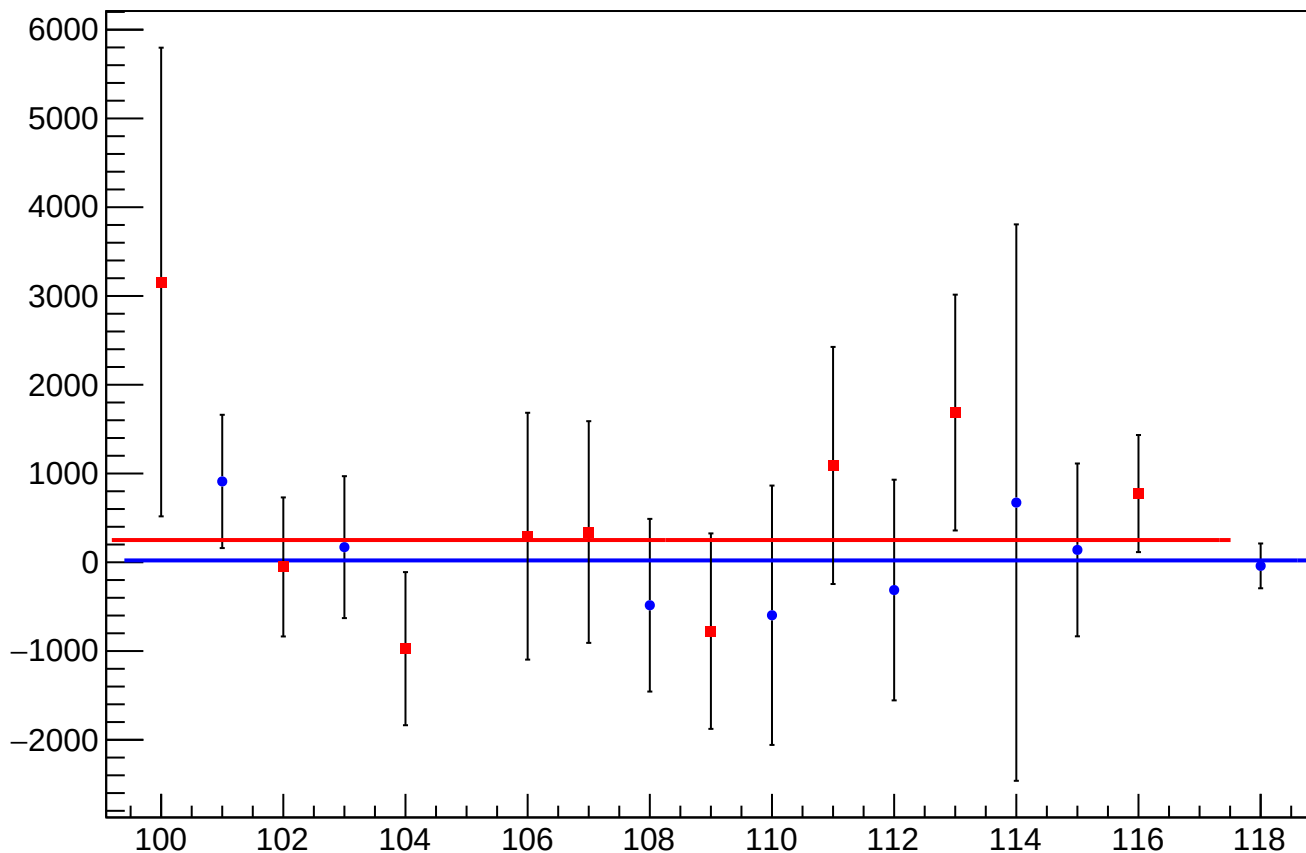
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.704 $\pm$ 0.022 χ^2 /NDF: 926034.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



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: 250.539 $\pm$ 342.446 χ^2 /NDF: 6.4/8

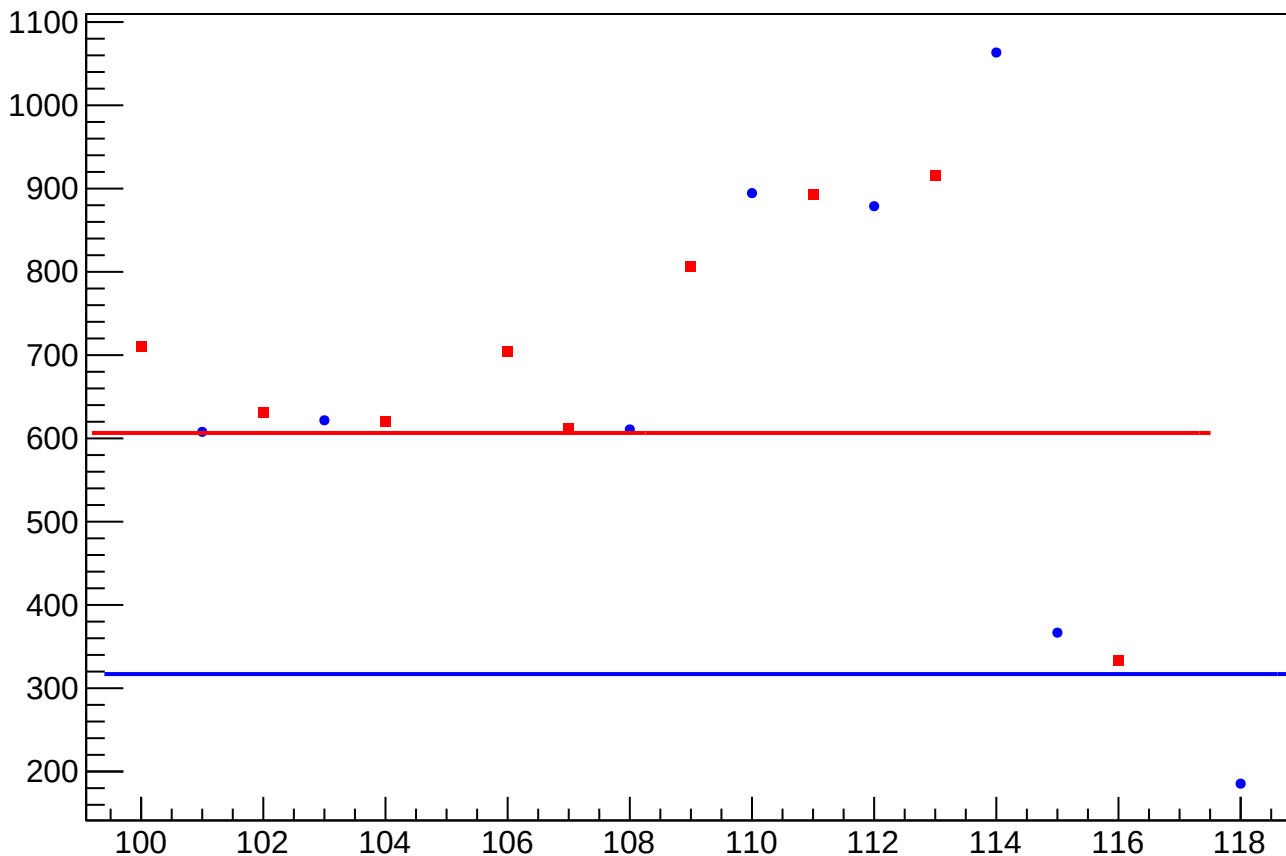
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.288 $\pm$ 179.907 χ^2 /NDF: 8.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



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: 606.542 $\pm$ 0.242 χ^2 /NDF: 623287.9/8

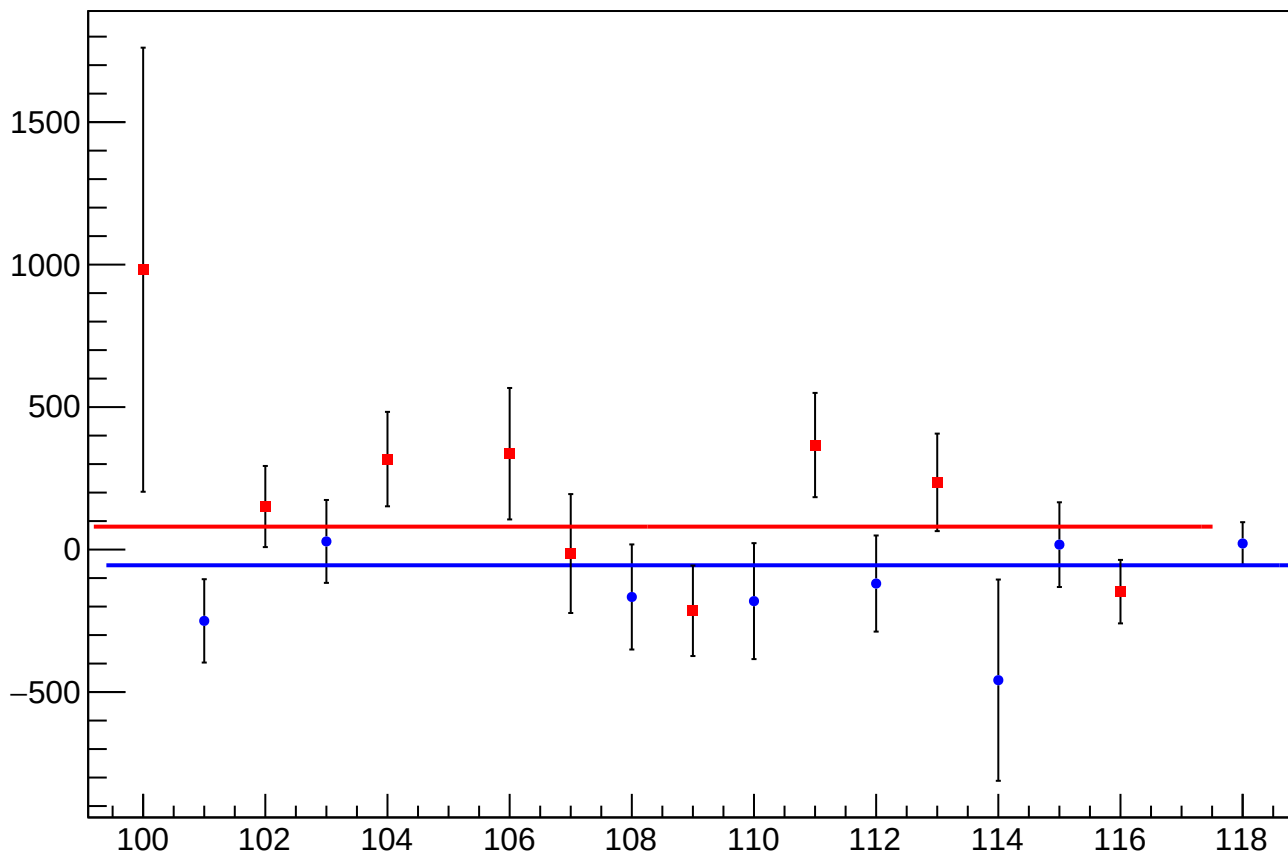
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 396.924 $\pm$ 0.127 χ^2 /NDF: 3815253.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



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: 80.513 $\pm$ 56.481 χ^2 /NDF: 16.0/8

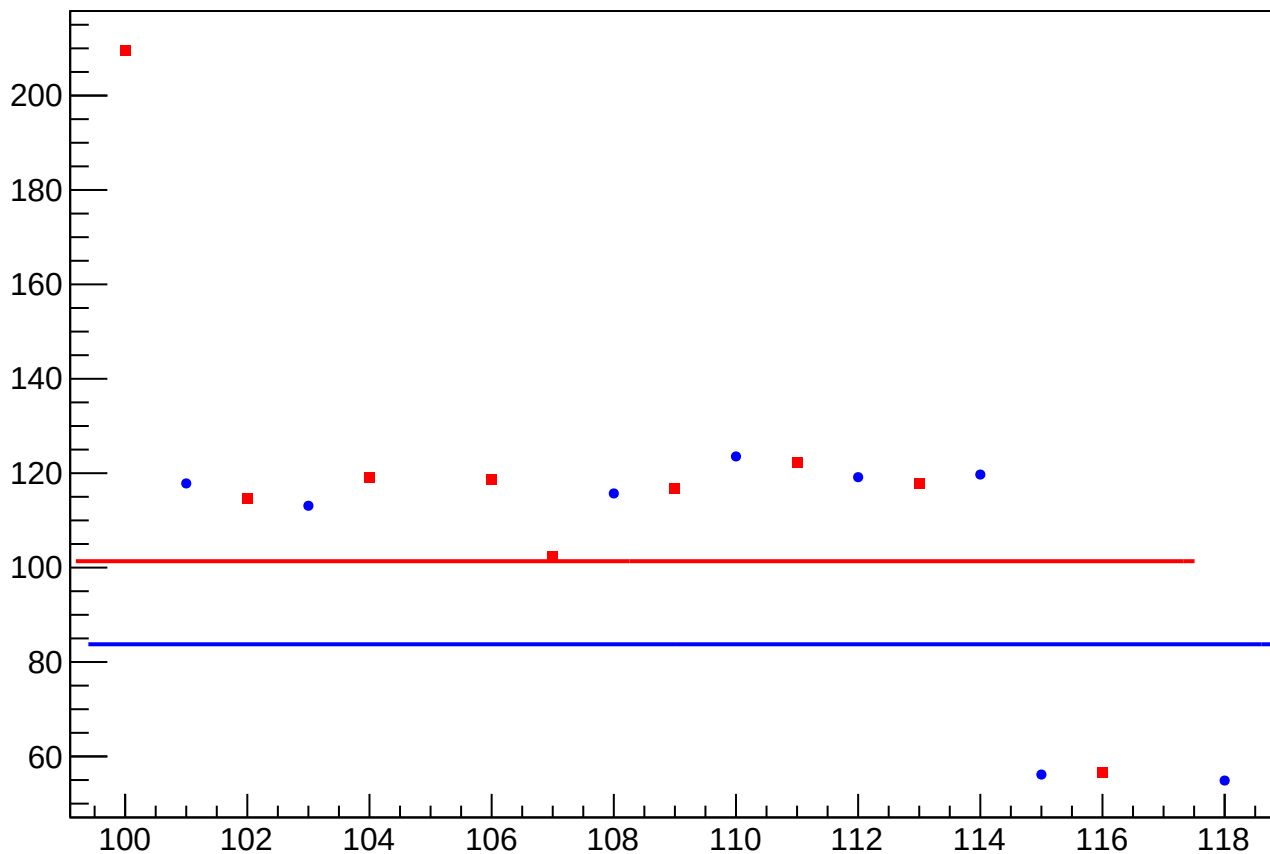
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.259 $\pm$ 37.052 χ^2 /NDF: 24.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



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: 101.360+/-0.040 χ^2/NDF : 476069.9/8

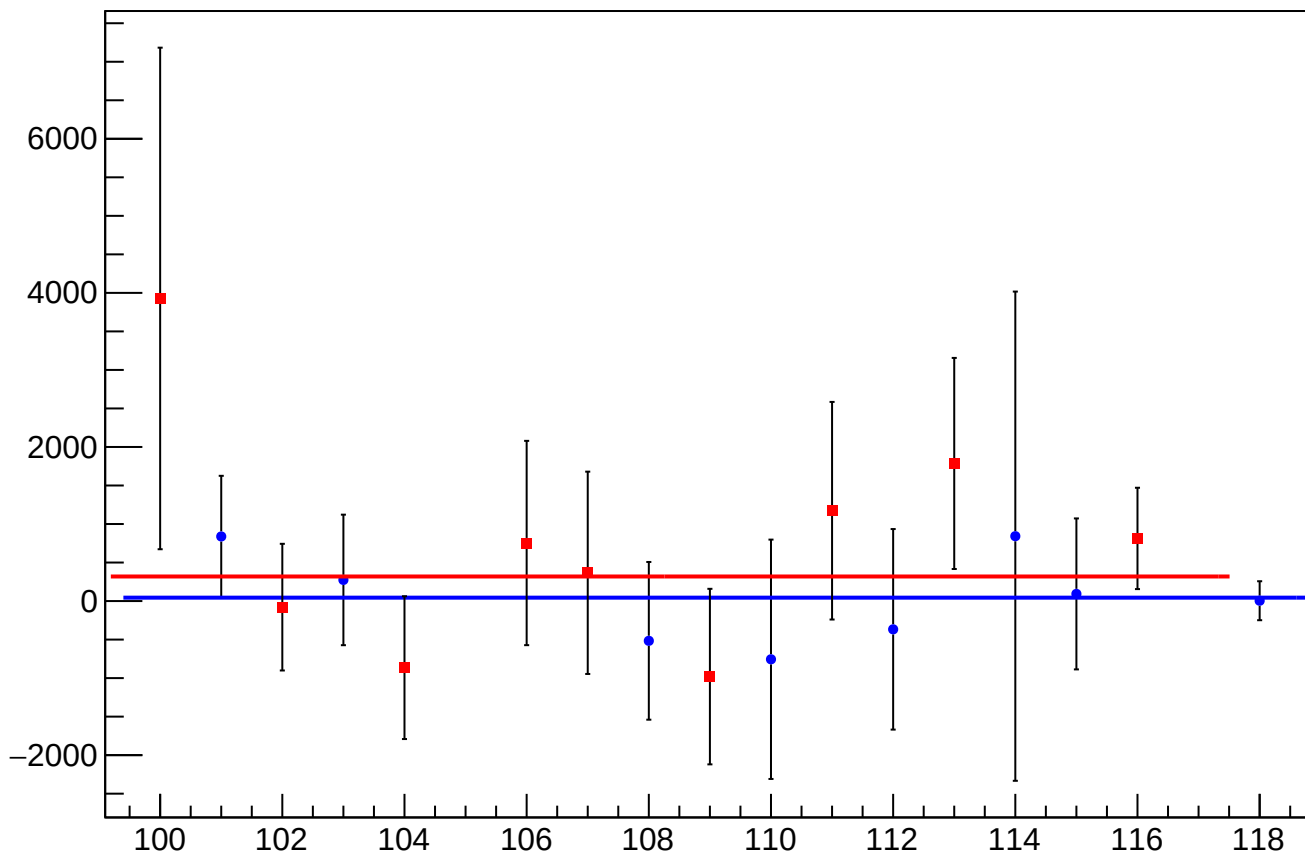
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.333+/-0.026 χ^2/NDF : 1389282.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



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: 318.931+/-353.454 χ^2/NDF : 6.6/8

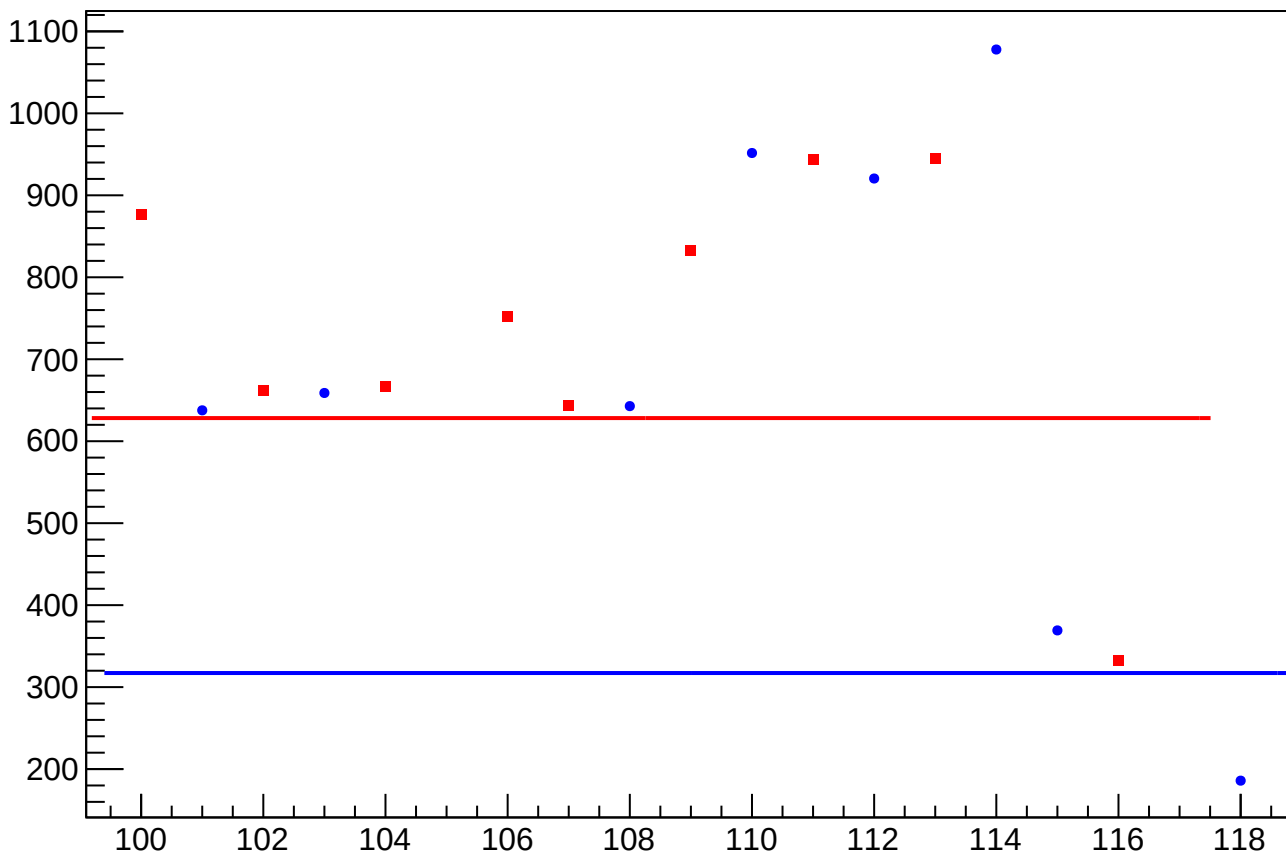
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.106+/-183.349 χ^2/NDF : 8.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



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: 628.222+/-0.250 χ^2/NDF : 711934.4/8

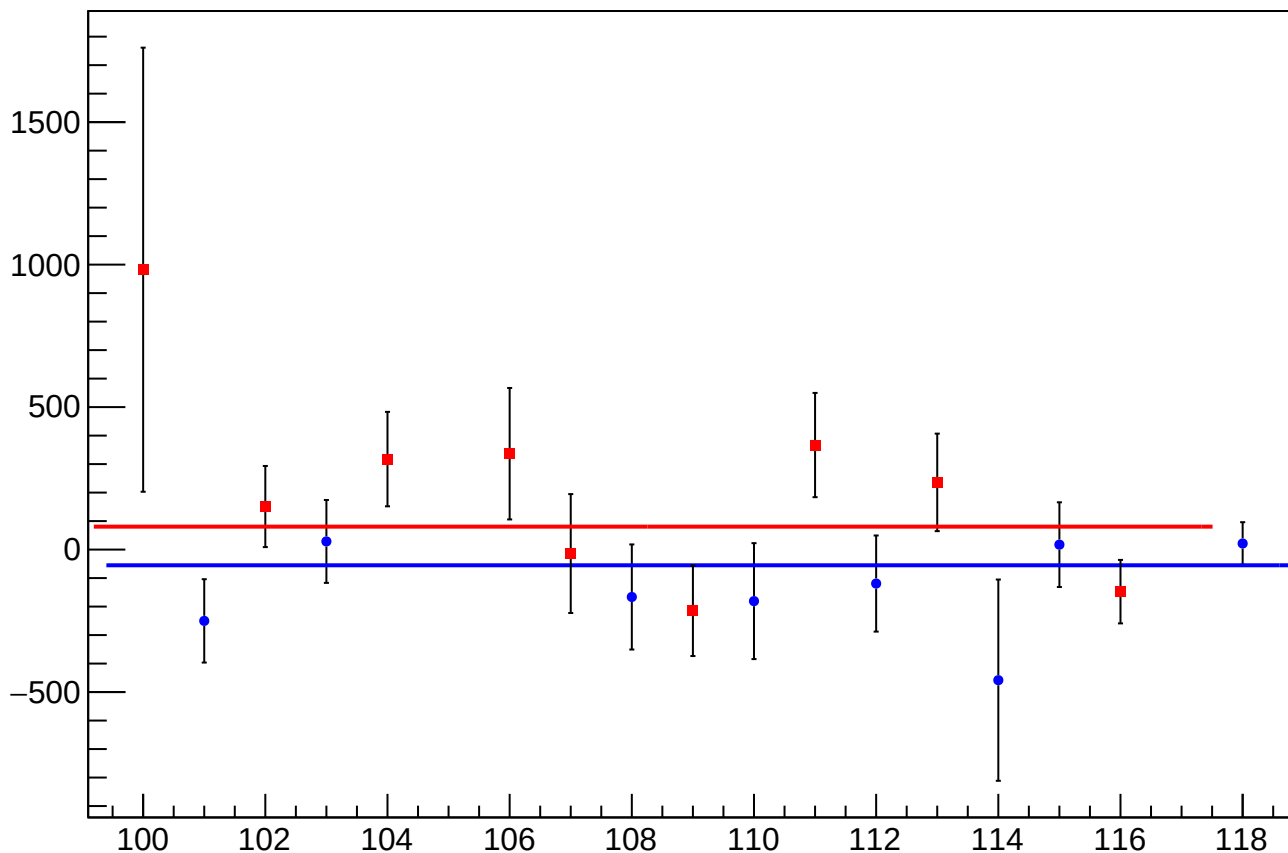
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.881+/-0.130 χ^2/NDF : 4126155.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_26_dd_mean vs Slug



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: 80.516 $\pm$ 56.481 χ^2 /NDF: 16.0/8

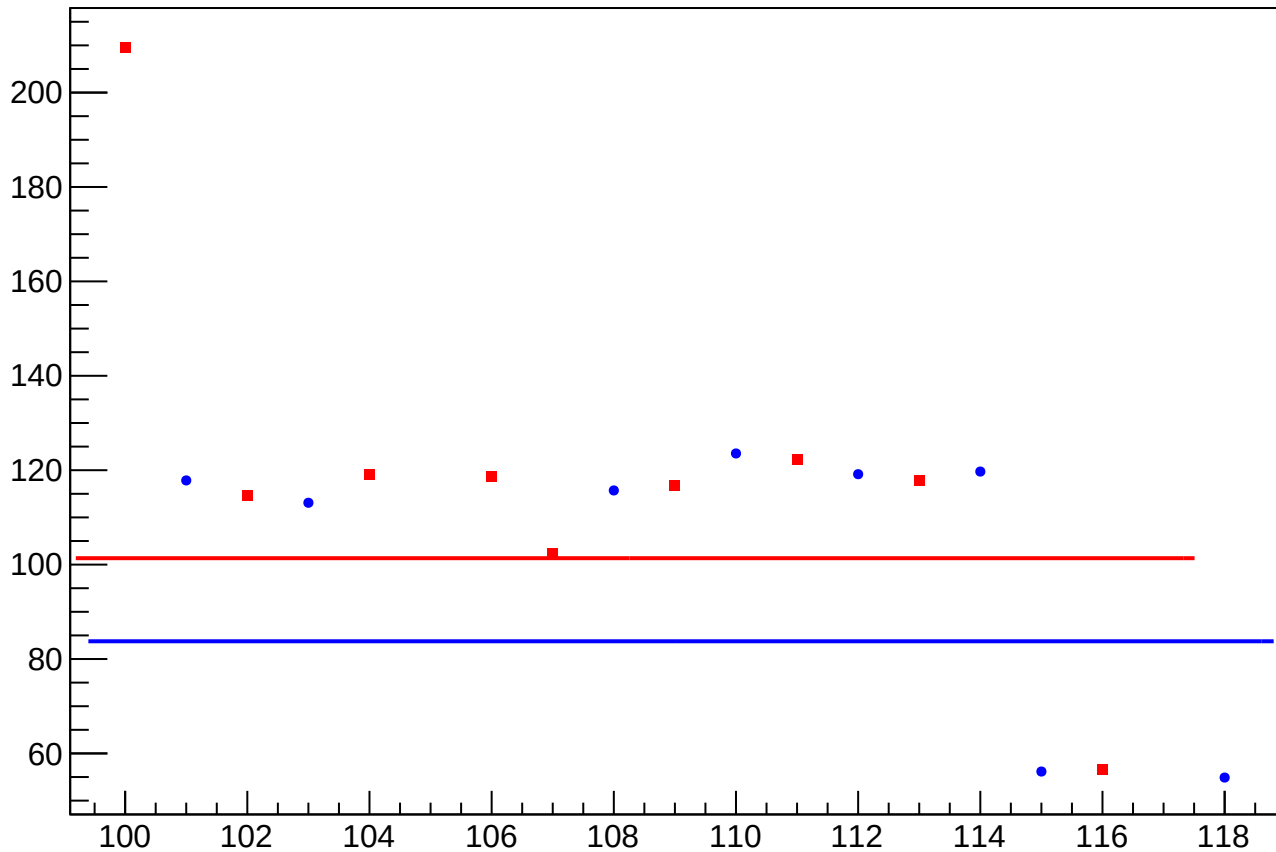
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.261 $\pm$ 37.051 χ^2 /NDF: 24.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 83.758 $\pm$ 0.035 χ^2 /NDF: 802569.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.360 $\pm$ 0.040 χ^2 /NDF: 476028.8/8

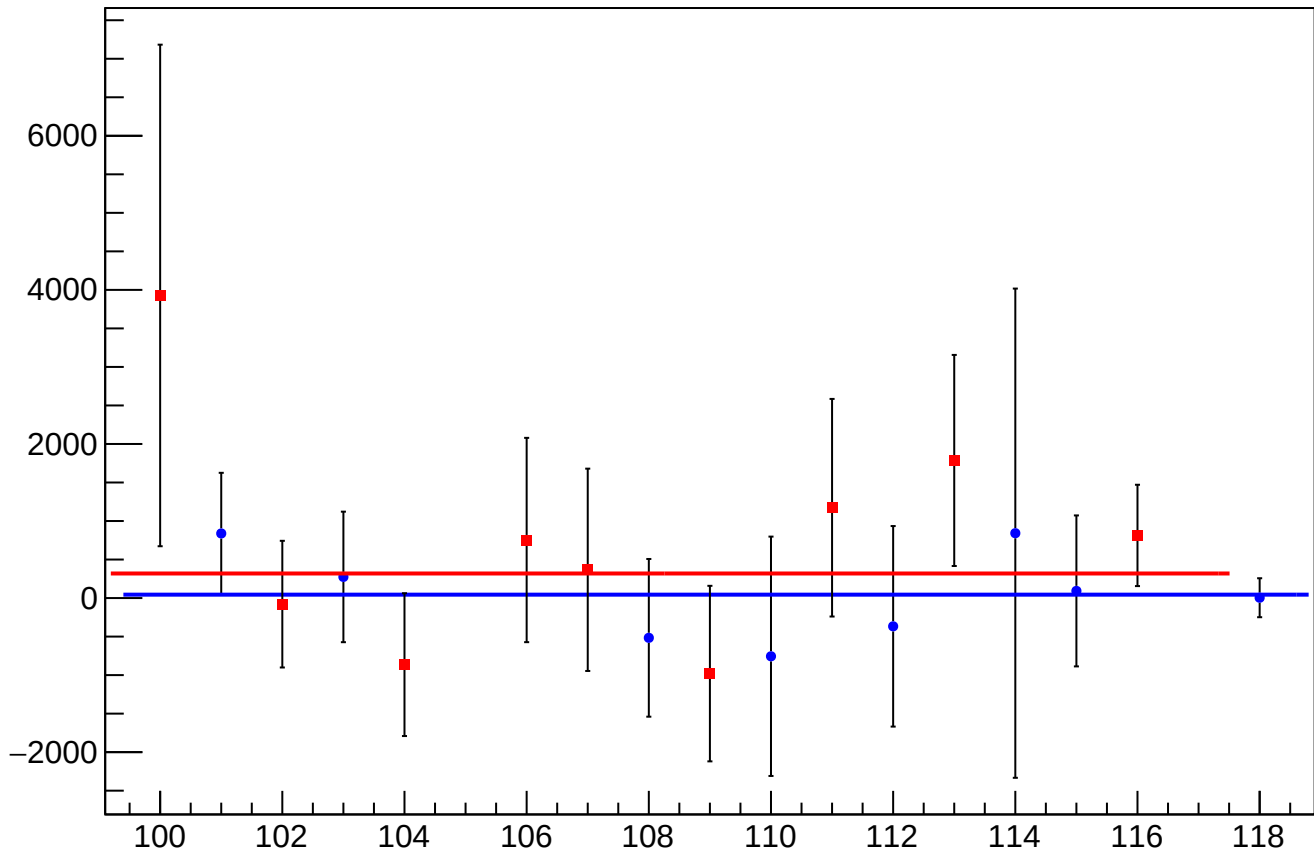
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.332 $\pm$ 0.026 χ^2 /NDF: 1389252.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



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: 318.932+/-353.454 χ^2/NDF : 6.6/8

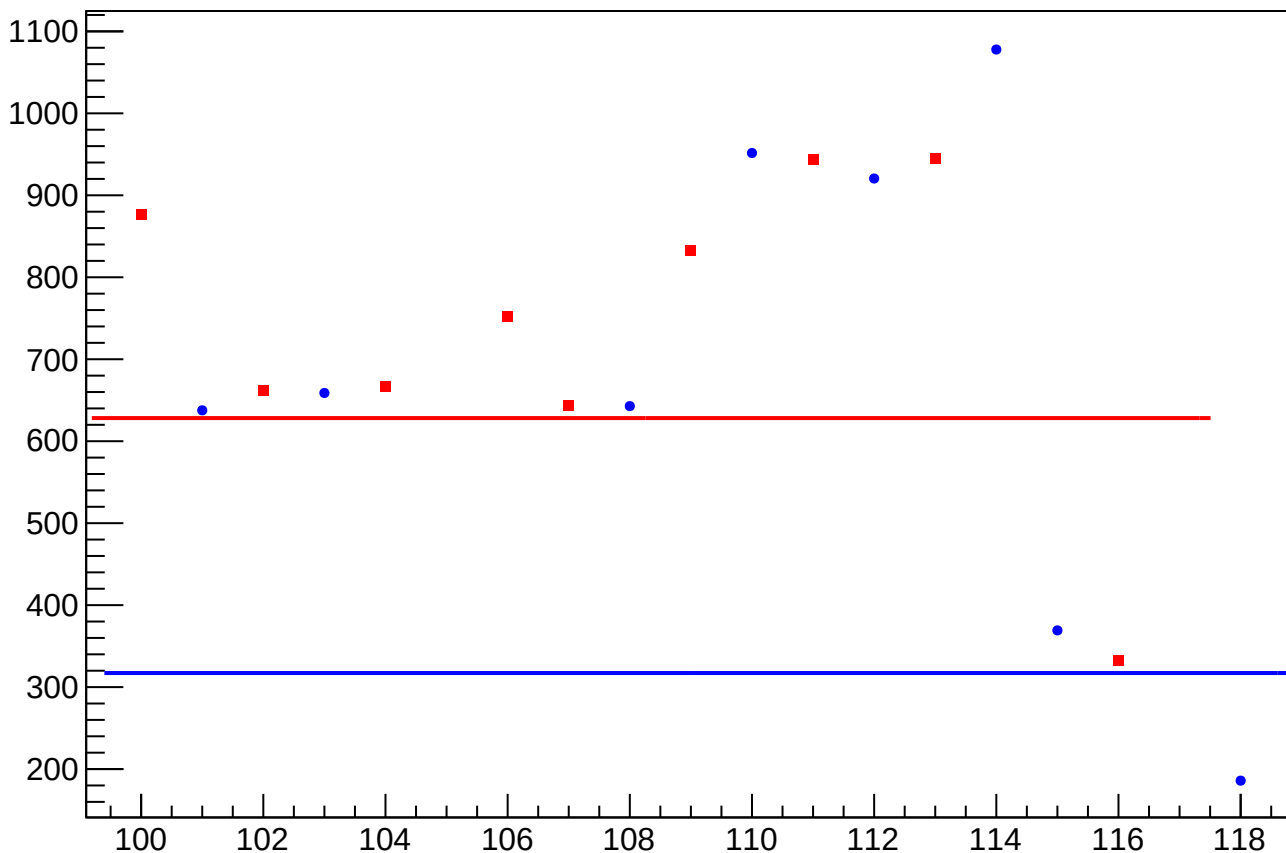
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.105+/-183.349 χ^2/NDF : 8.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 317.185+/-0.152 χ^2/NDF : 2282200.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.223+/-0.250 χ^2/NDF : 711918.9/8

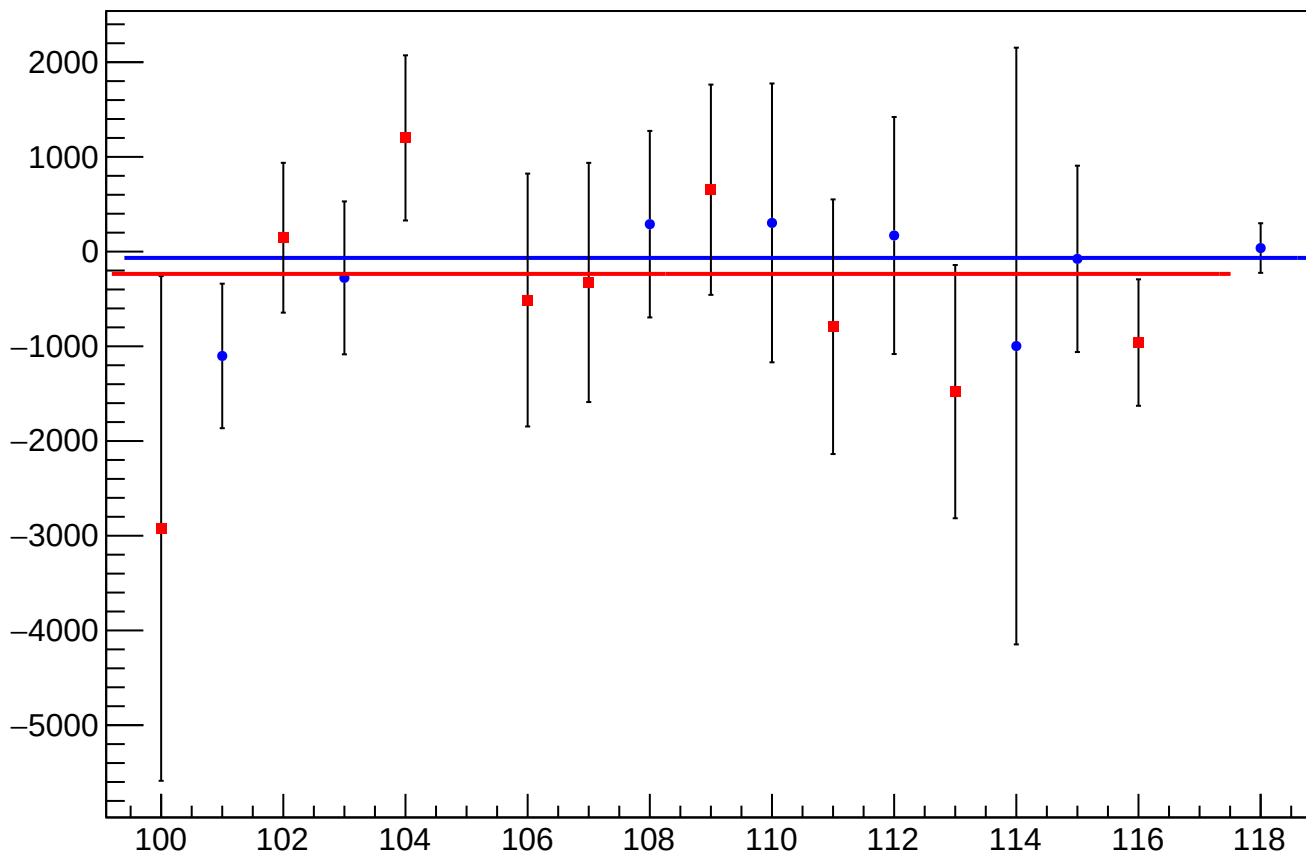
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.881+/-0.130 χ^2/NDF : 4126146.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_mean vs Slug



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: -235.457 $\pm$ 344.819 χ^2 /NDF: 6.9/8

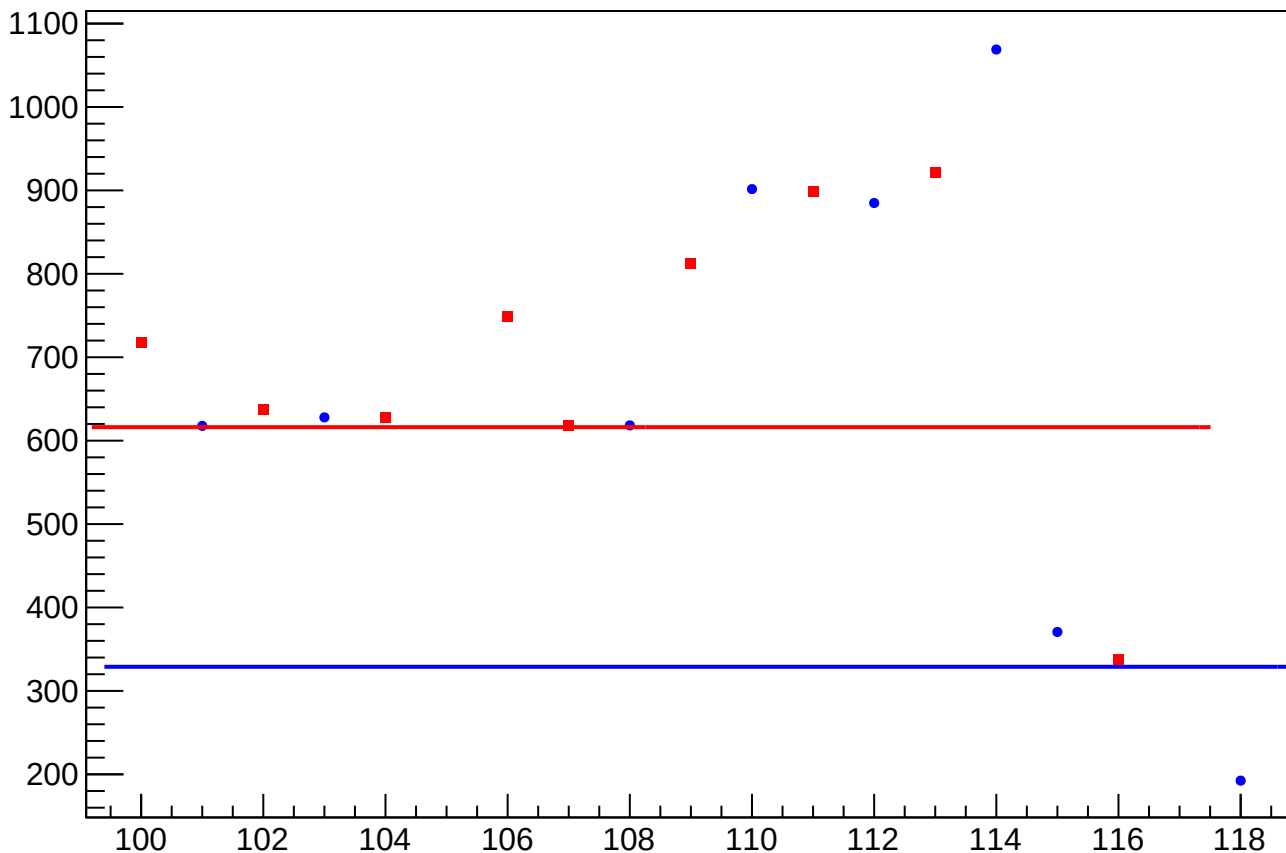
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -114.709 $\pm$ 184.090 χ^2 /NDF: 9.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 328.920 $\pm$ 0.154 χ^2 /NDF: 2088125.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 616.208 $\pm$ 0.244 χ^2 /NDF: 627102.5/8

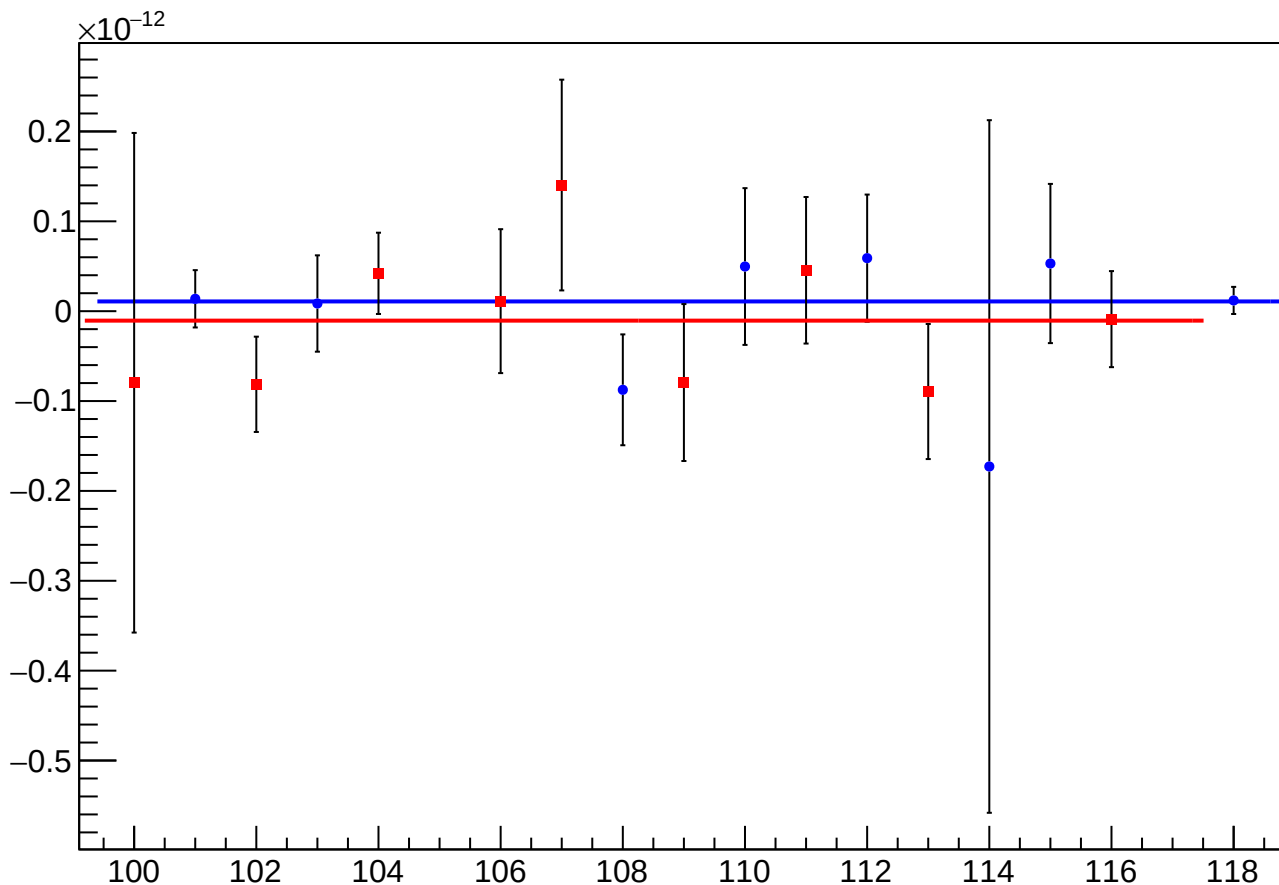
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 410.803 $\pm$ 0.130 χ^2 /NDF: 3707831.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug



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 : 7.1/8

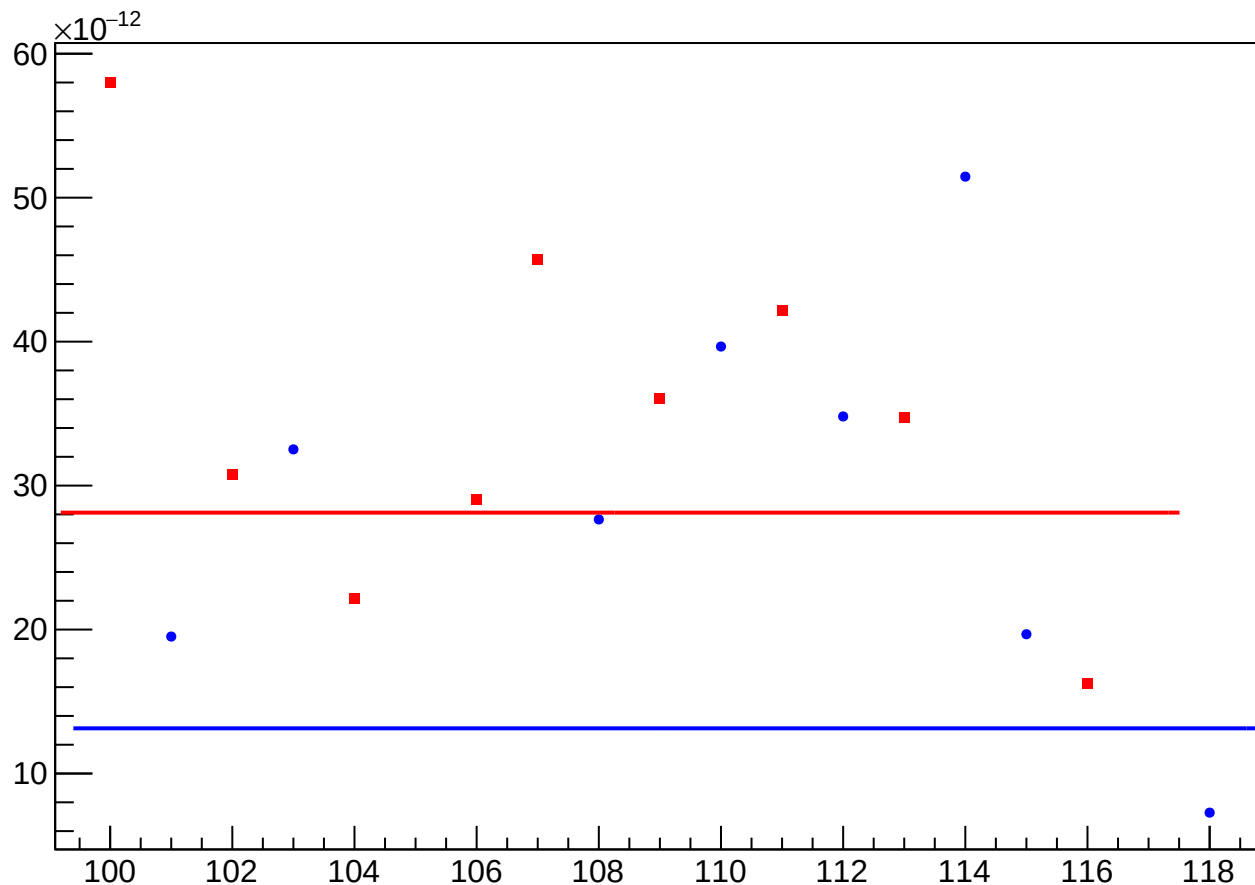
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug



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 : 298533.5/8

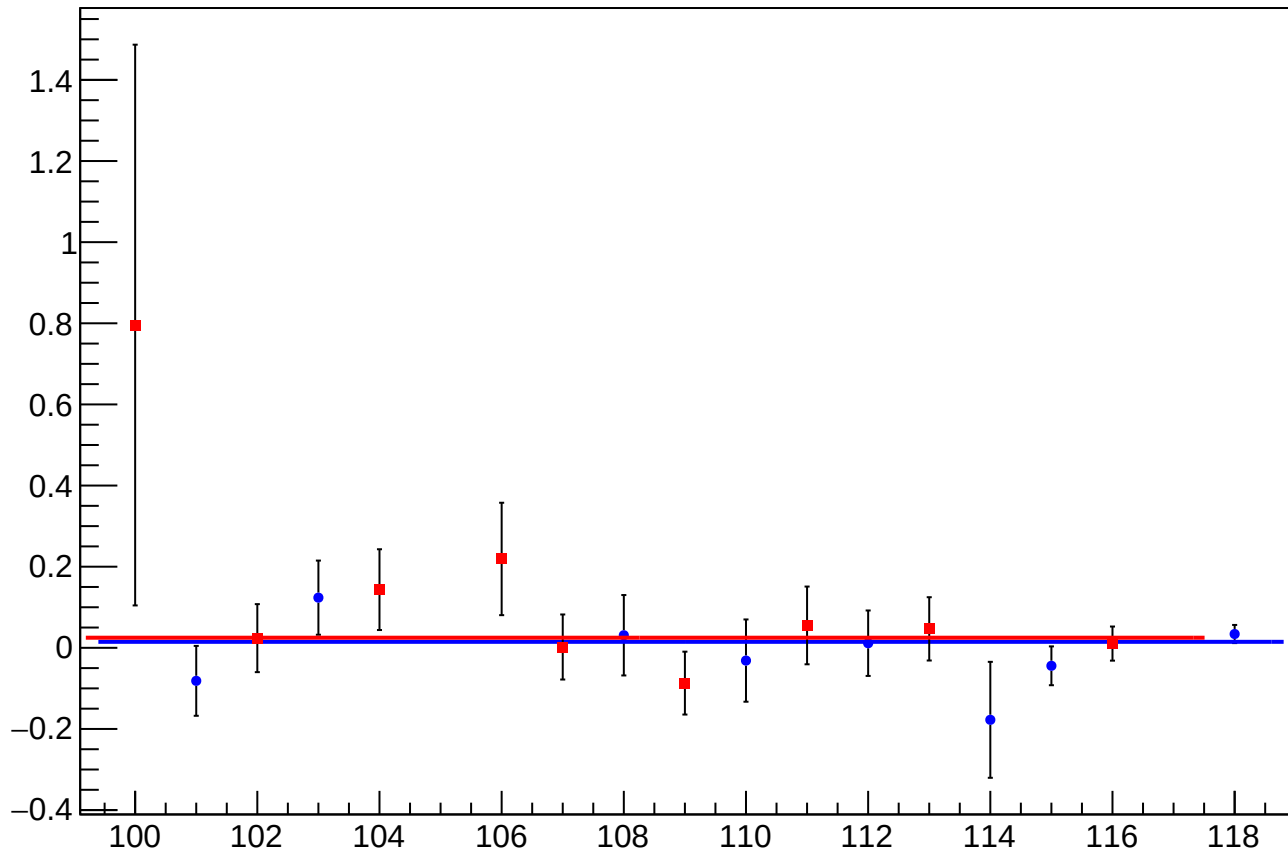
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2112651.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



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: 0.025 $\pm$ 0.026 χ^2 /NDF: 7.1/8

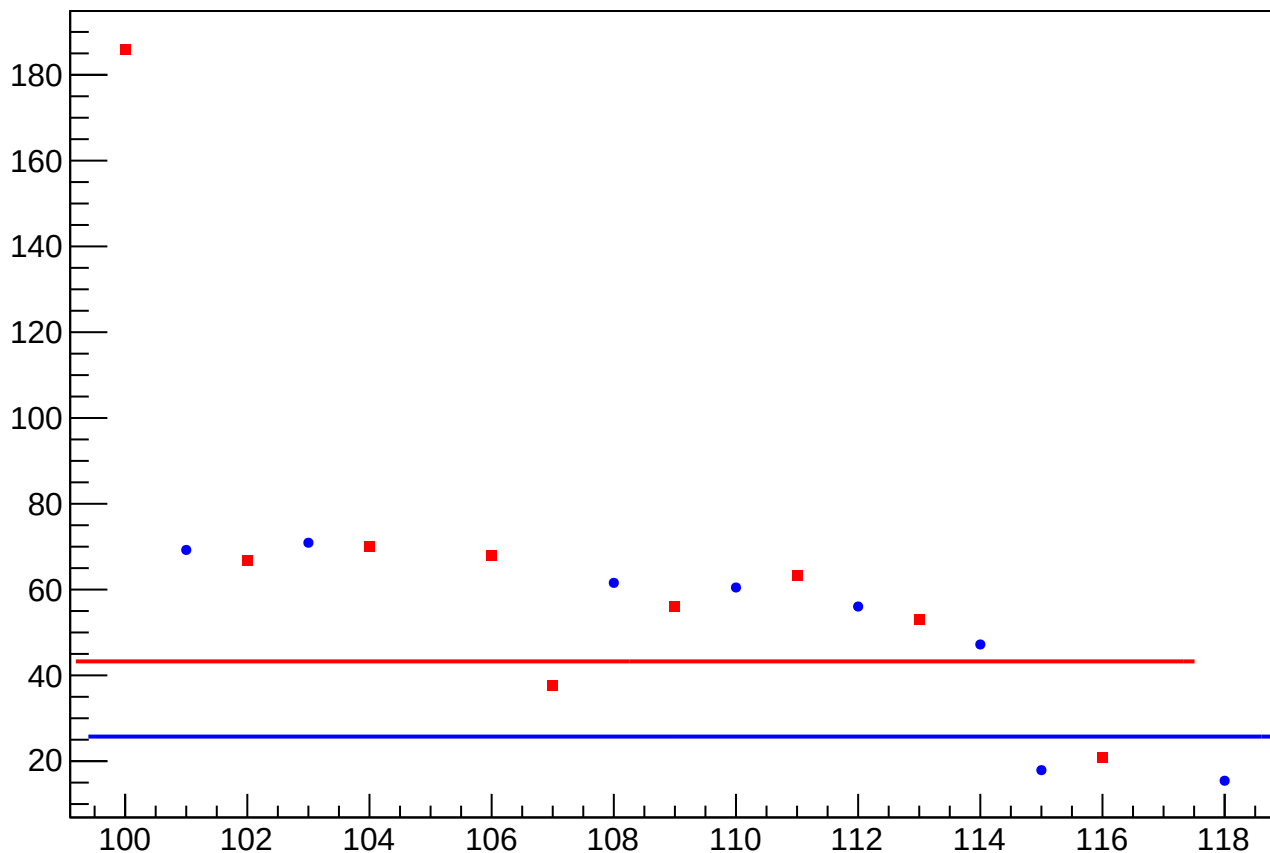
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.015 χ^2 /NDF: 14.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



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: 43.255+/-0.019 χ^2/NDF : 1198826.3/8

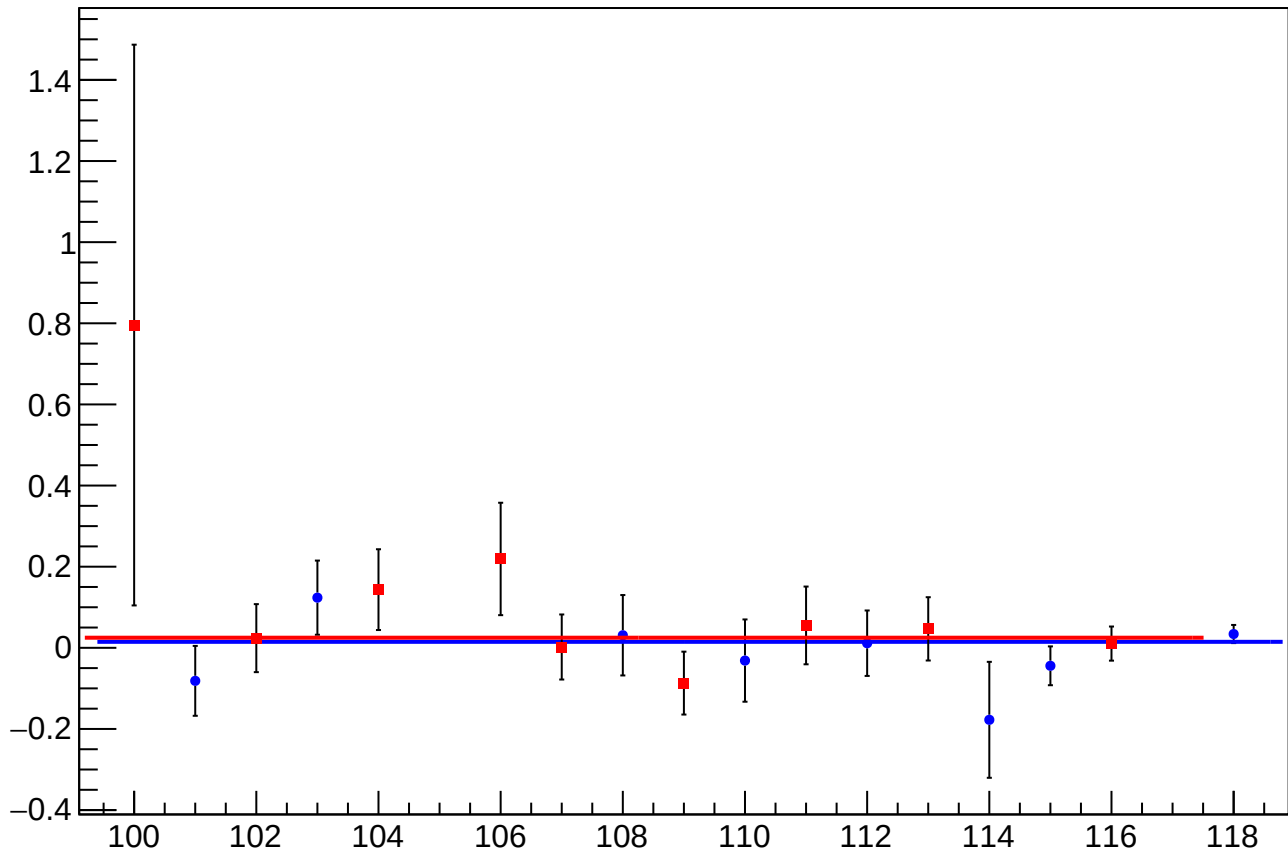
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.345+/-0.010 χ^2/NDF : 4108169.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.025 $\pm$ 0.026 χ^2 /NDF: 7.1/8

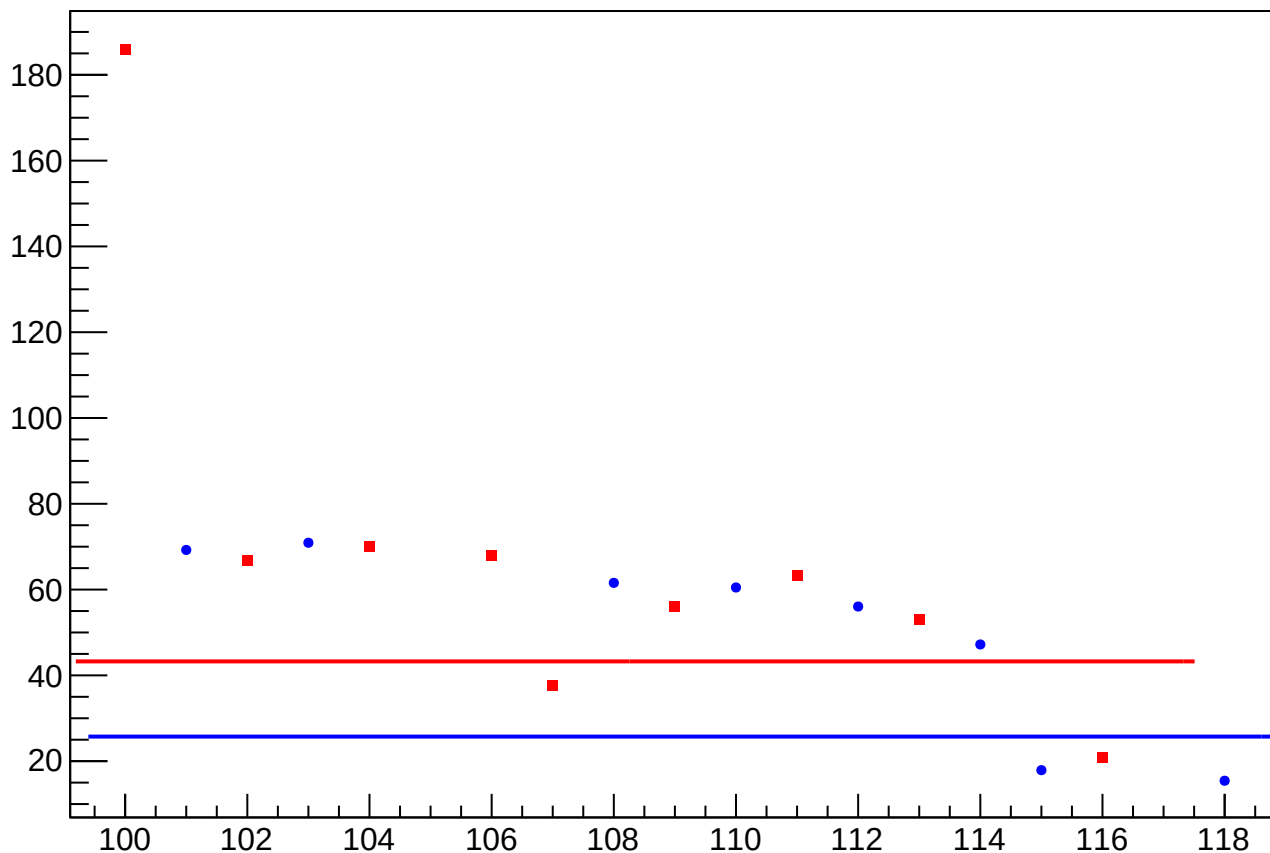
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.015 χ^2 /NDF: 14.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 43.255+/-0.019 χ^2/NDF : 1198826.3/8

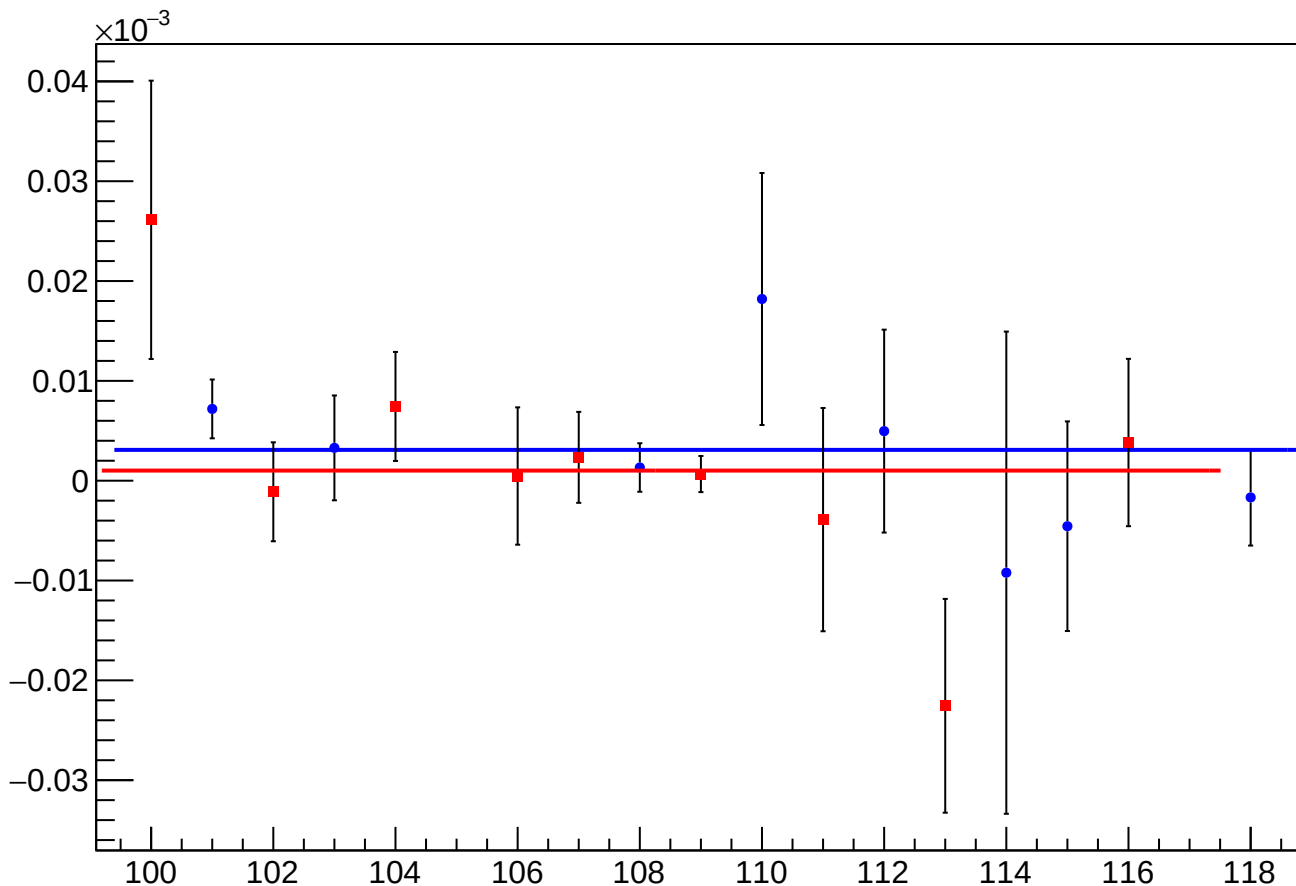
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.345+/-0.010 χ^2/NDF : 4108169.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.1/8

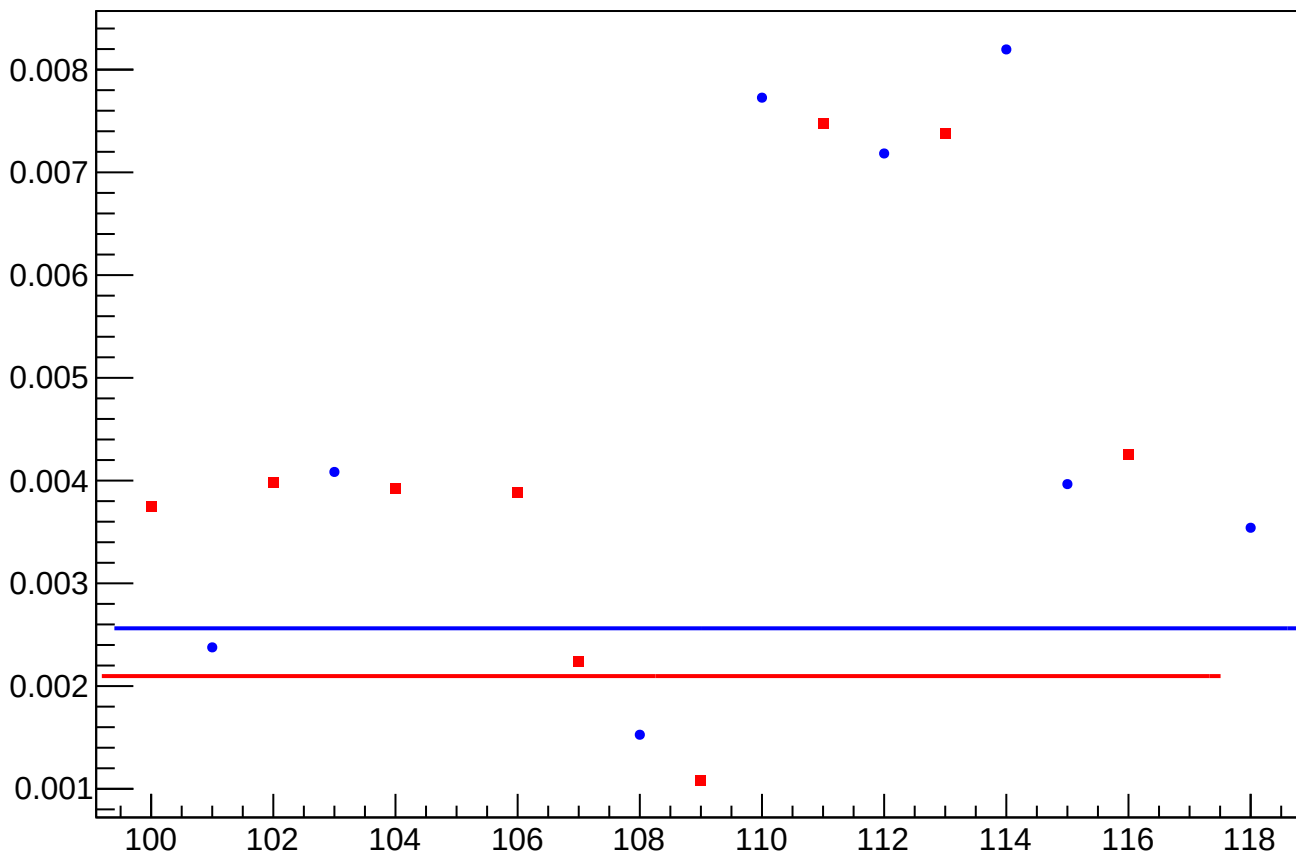
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2392896.3/8

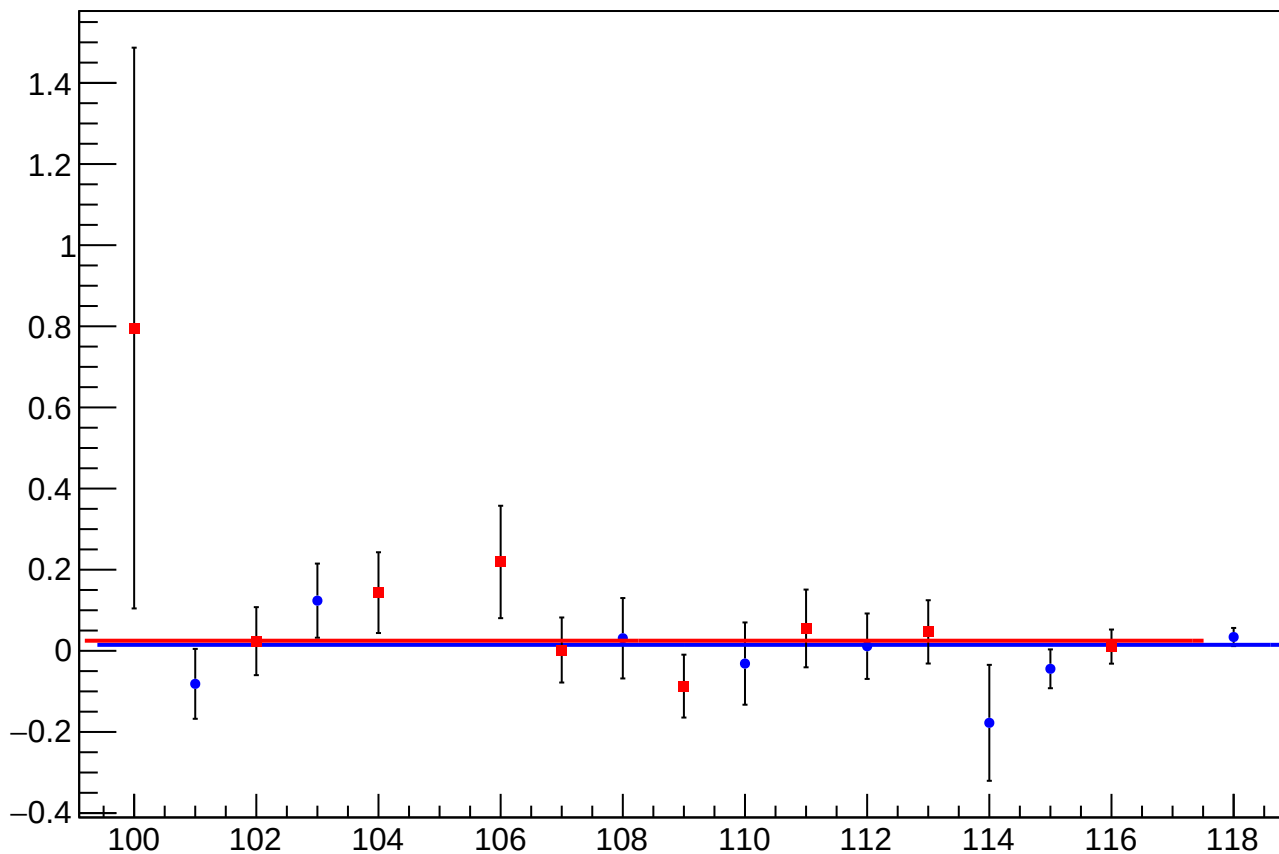
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4000958.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.025 $\pm$ 0.026 χ^2 /NDF: 7.1/8

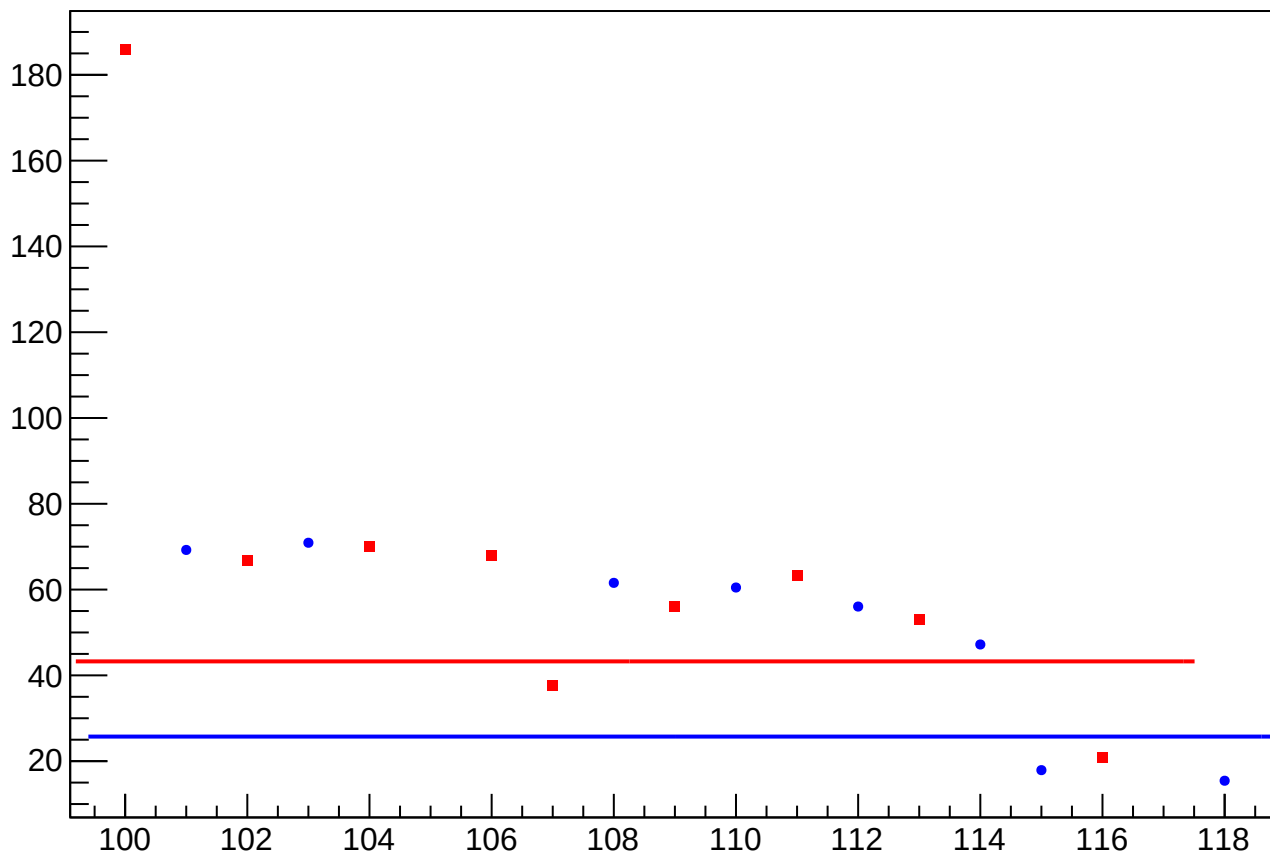
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.015 χ^2 /NDF: 14.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



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: 43.258+/-0.019 χ^2/NDF : 1198481.2/8

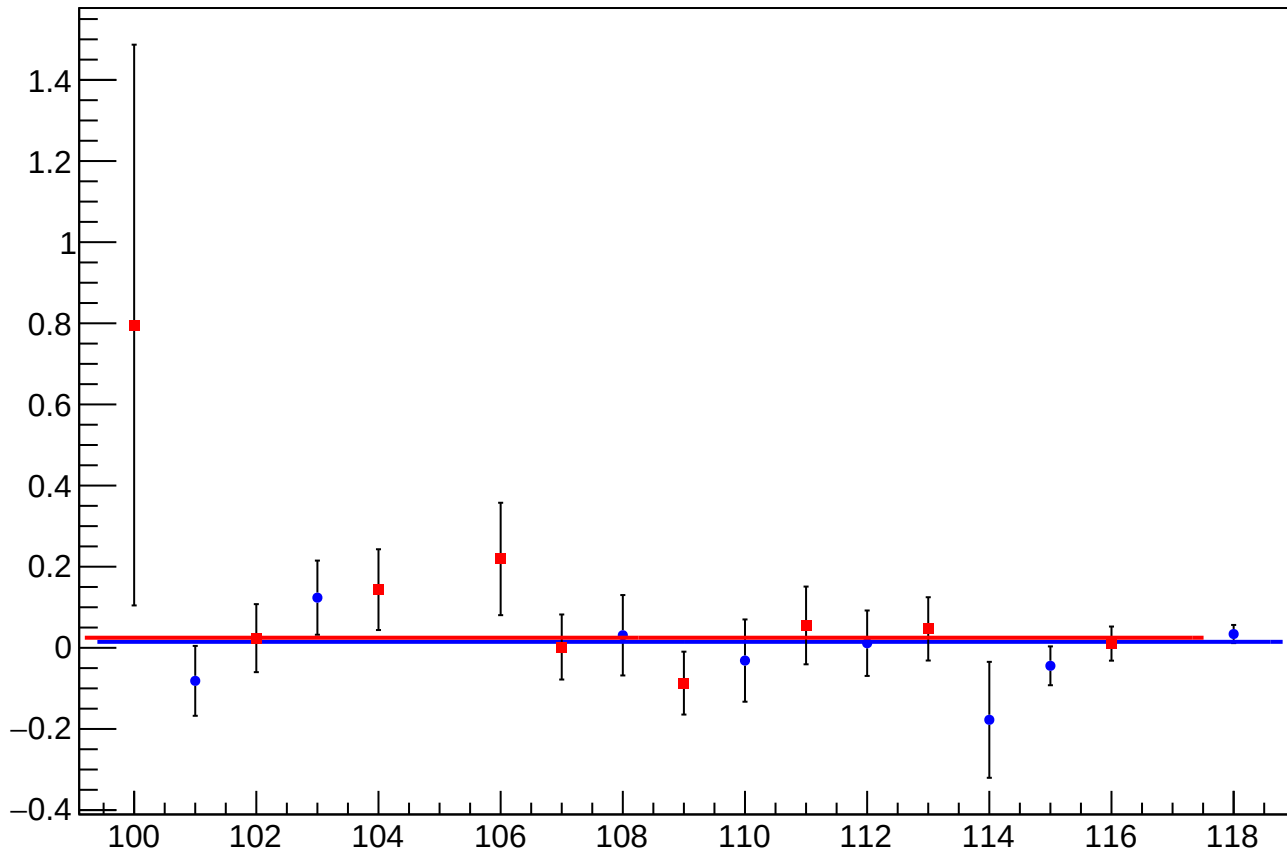
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.343+/-0.010 χ^2/NDF : 4108267.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.025 $\pm$ 0.026 χ^2 /NDF: 7.1/8

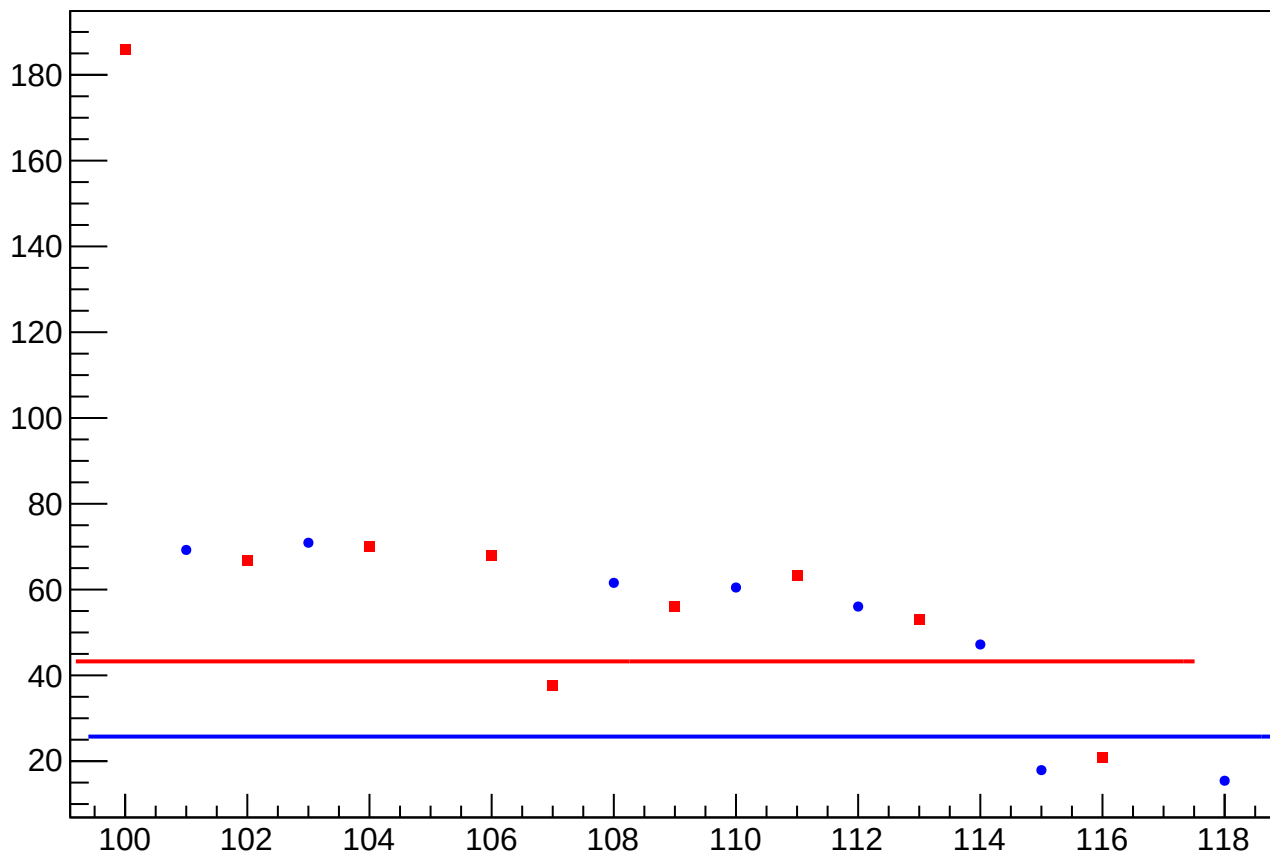
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.015 χ^2 /NDF: 14.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 43.258+/-0.019 χ^2/NDF : 1198481.2/8

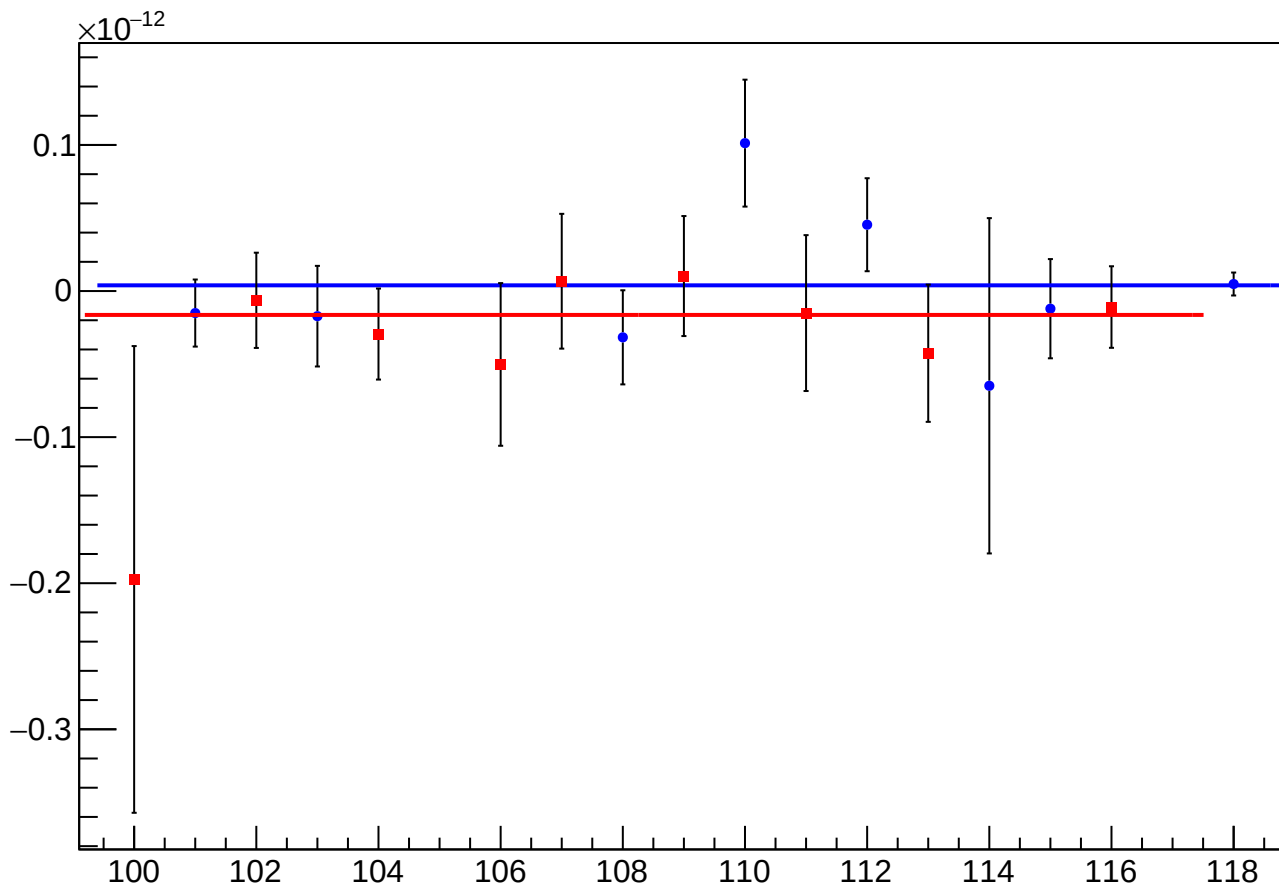
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.343+/-0.010 χ^2/NDF : 4108267.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/8

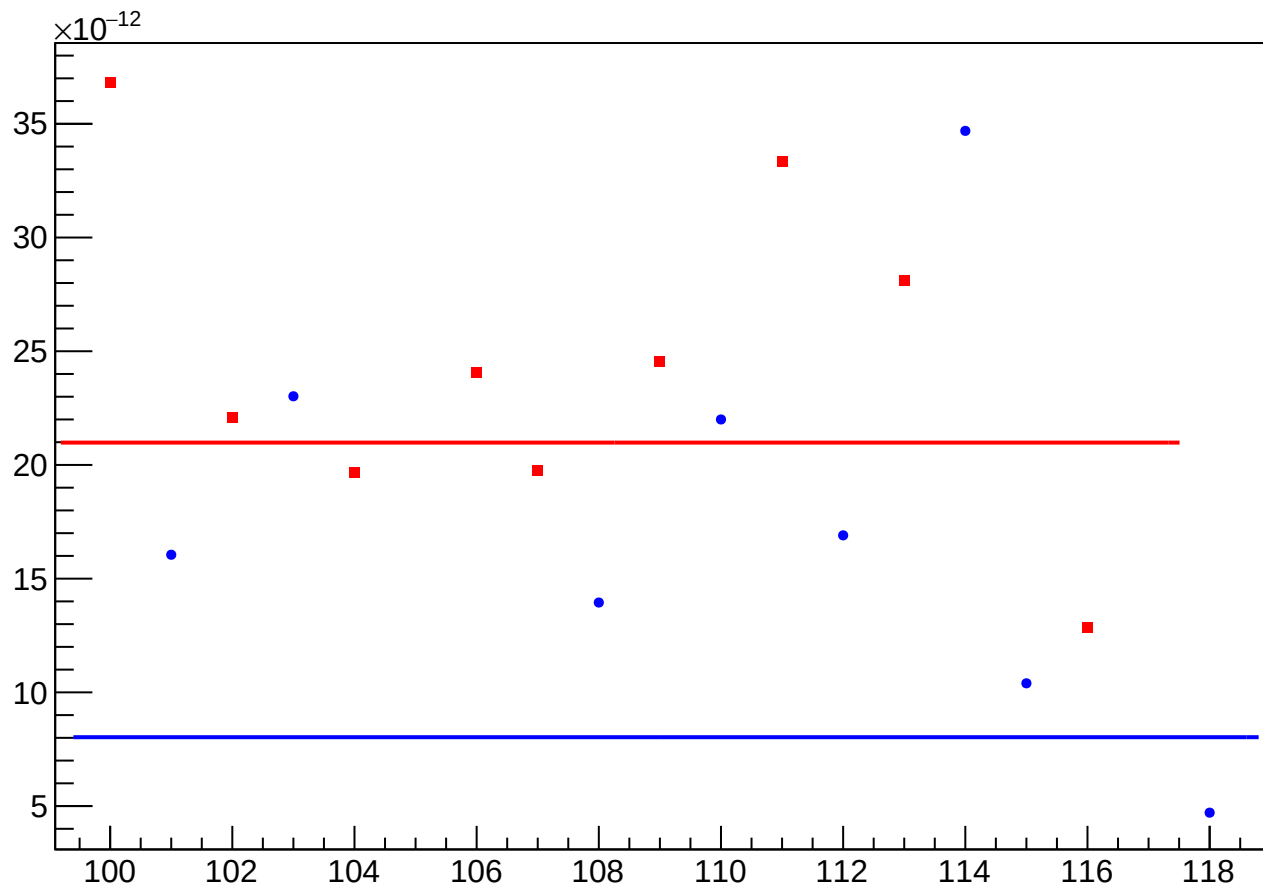
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 371609.0/8

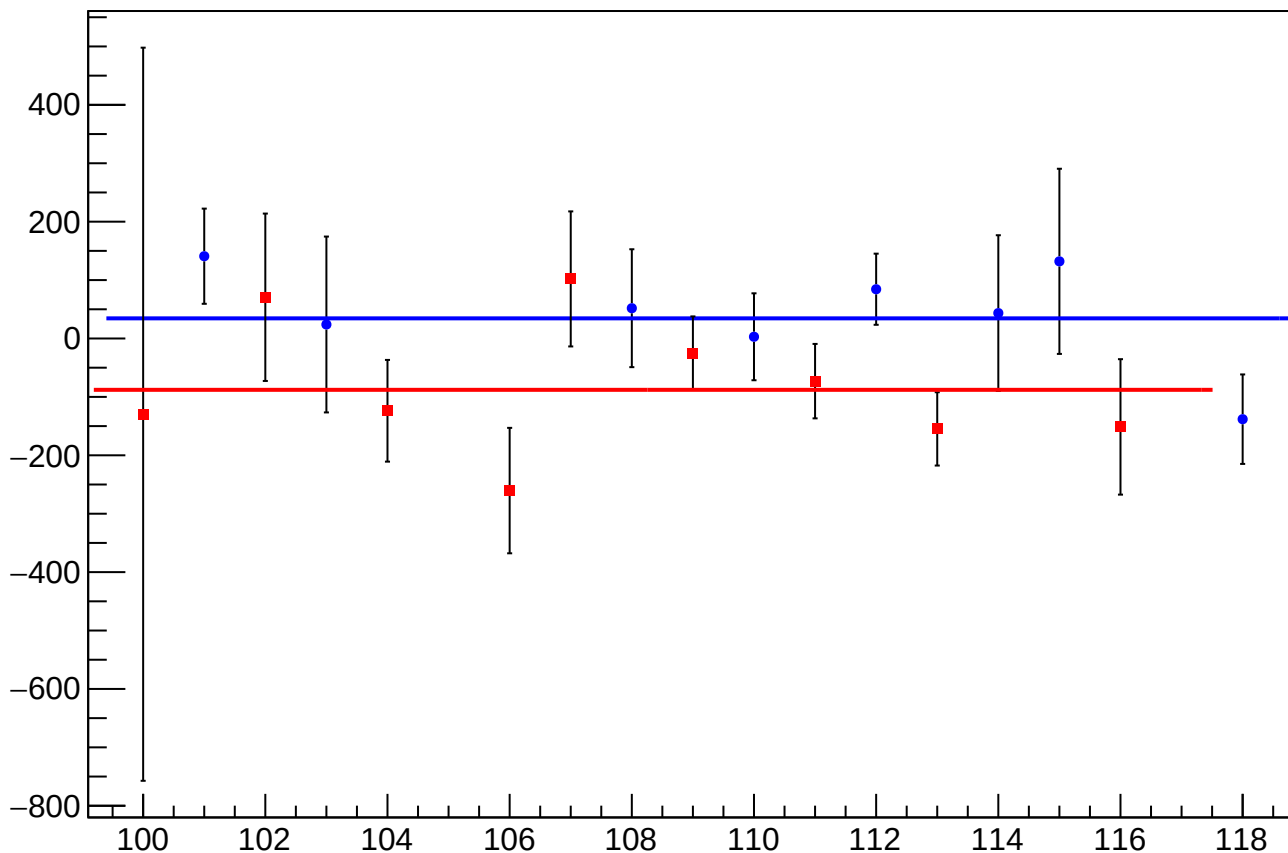
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3377720.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



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: -87.900+/-29.204 χ^2/NDF : 9.2/8

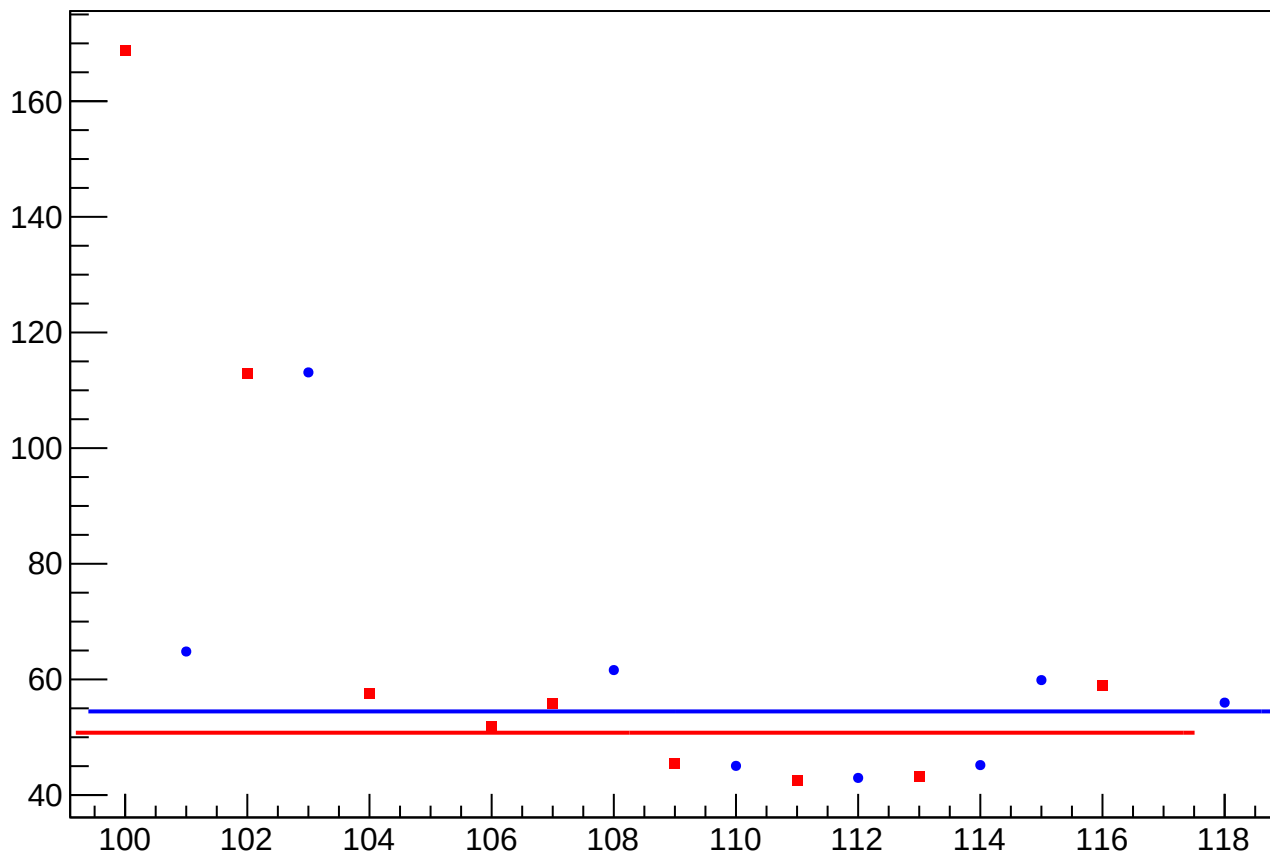
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.281+/-21.407 χ^2/NDF : 25.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 54.466 $\pm$ 0.022 χ^2 /NDF: 461874.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.782 $\pm$ 0.021 χ^2 /NDF: 550694.2/8

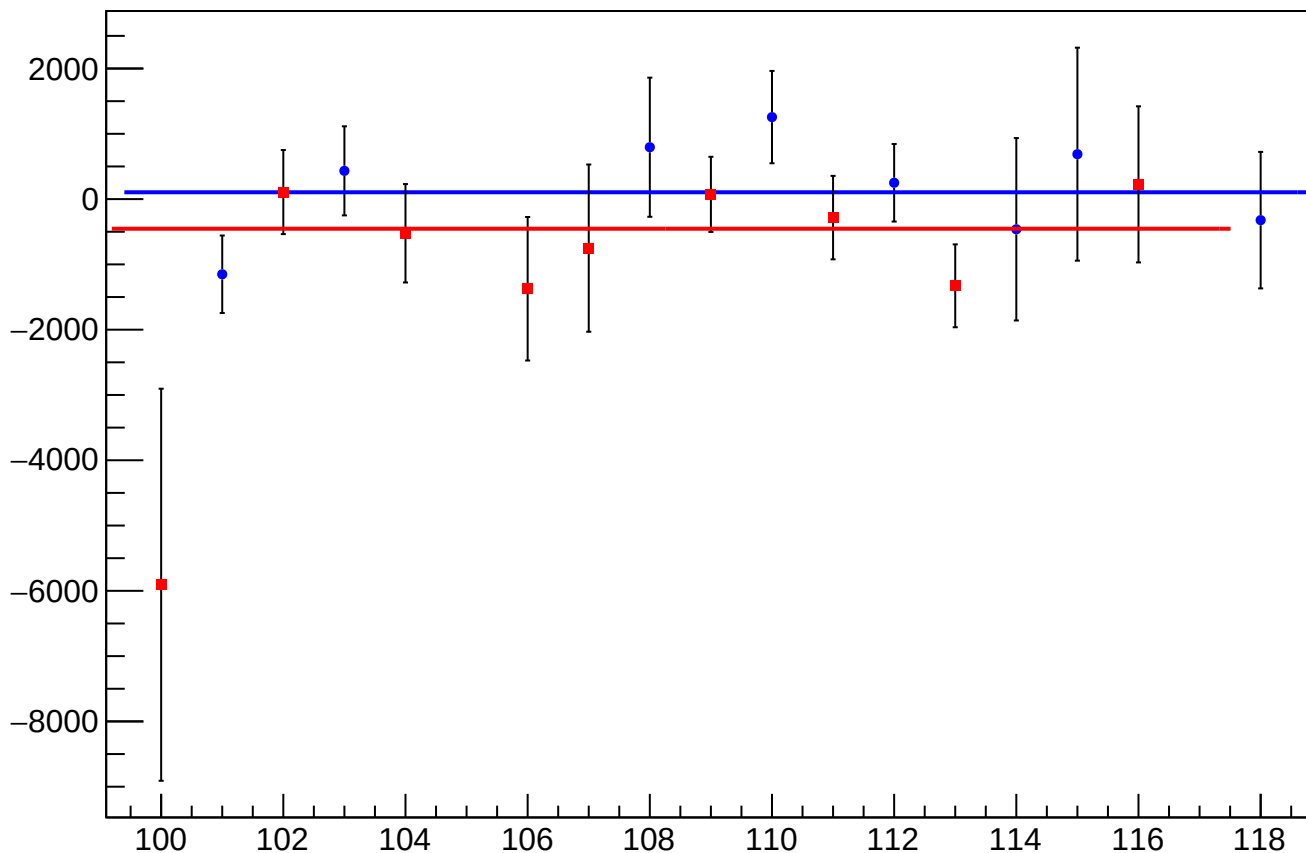
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.487 $\pm$ 0.015 χ^2 /NDF: 1027291.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 104.678 $\pm$ 282.803 χ^2 /NDF: 8.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -453.893 $\pm$ 263.814 χ^2 /NDF: 7.9/8

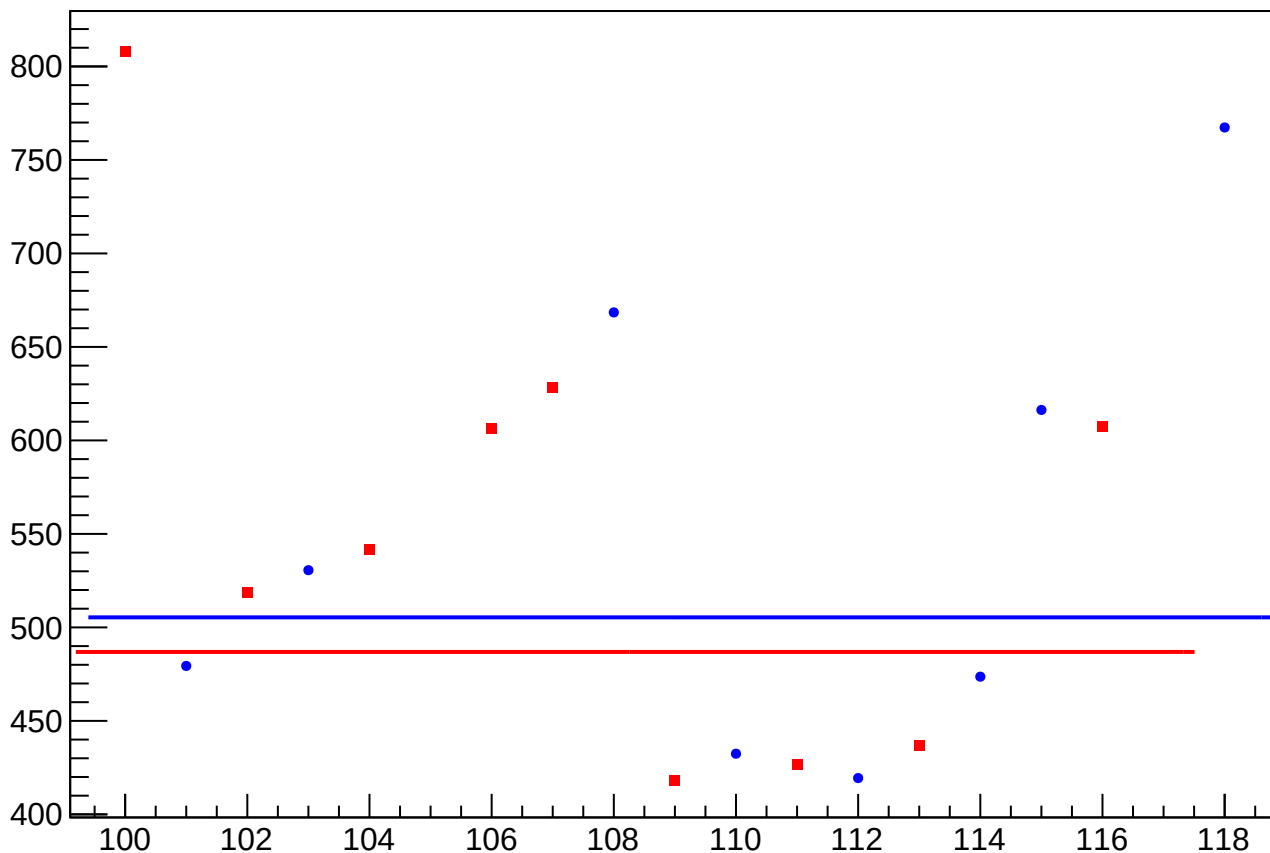
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -193.988 $\pm$ 192.909 χ^2 /NDF: 18.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



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: 486.877+/-0.187 χ^2/NDF : 165074.3/8

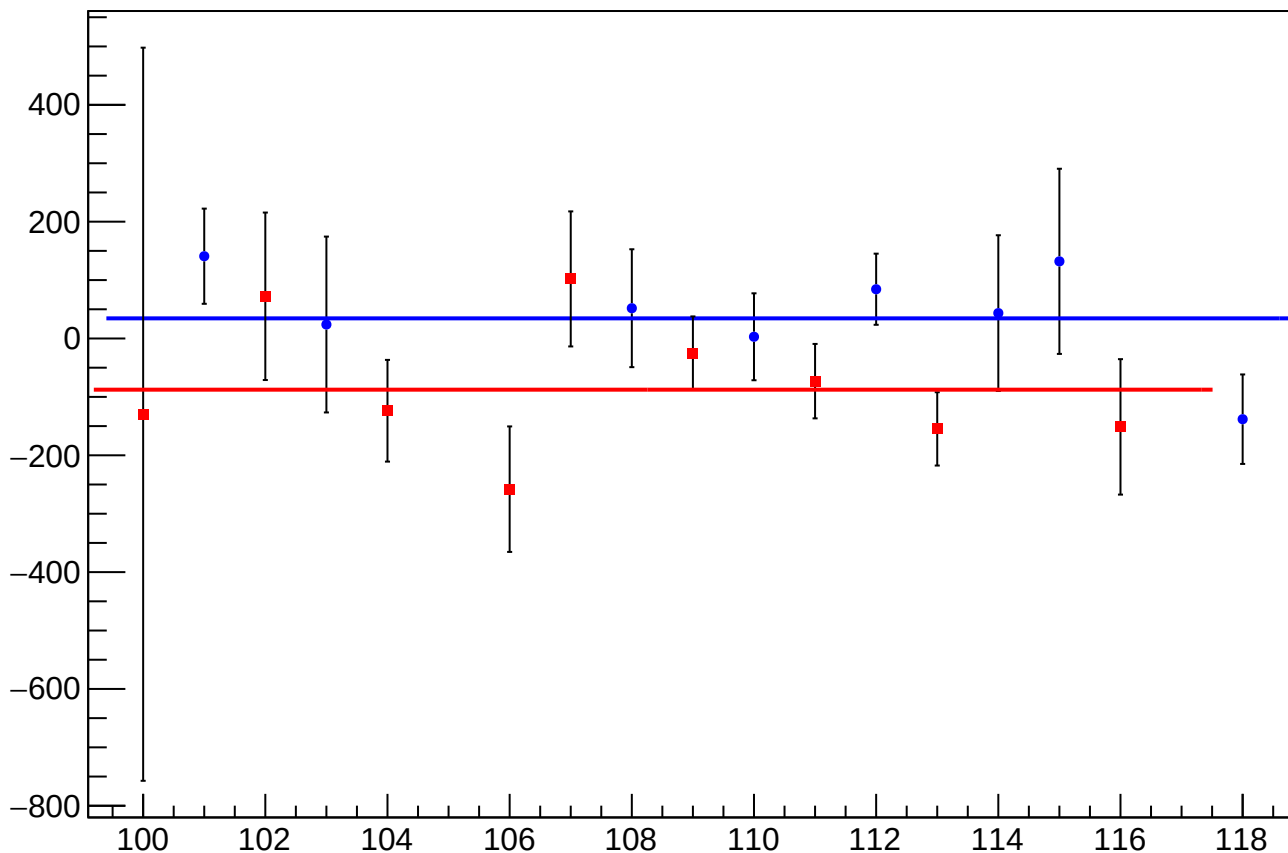
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 495.479+/-0.136 χ^2/NDF : 422030.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 34.457 $\pm$ 31.470 χ^2 /NDF: 8.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.641 $\pm$ 29.206 χ^2 /NDF: 9.1/8

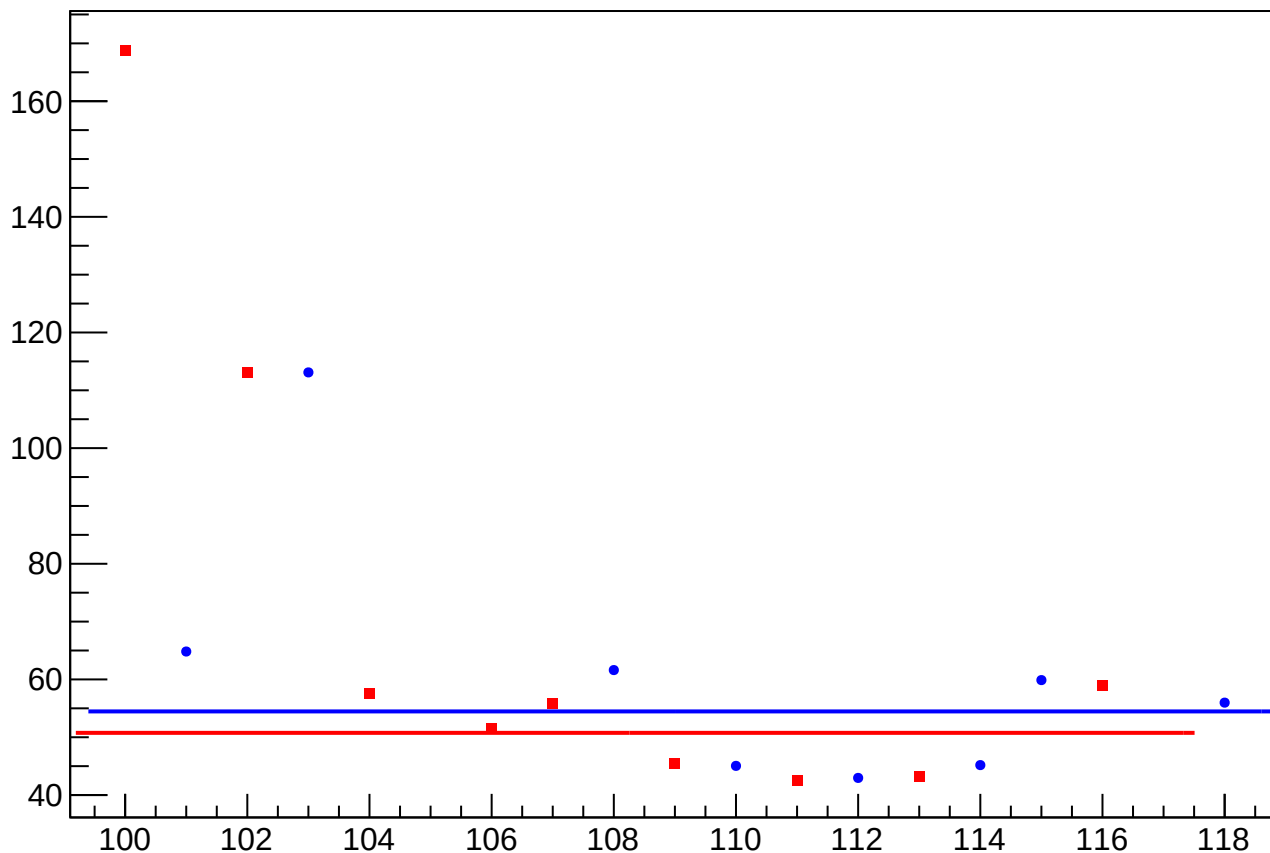
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.142 $\pm$ 21.407 χ^2 /NDF: 25.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



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: 50.759+/-0.021 χ^2/NDF : 550831.0/8

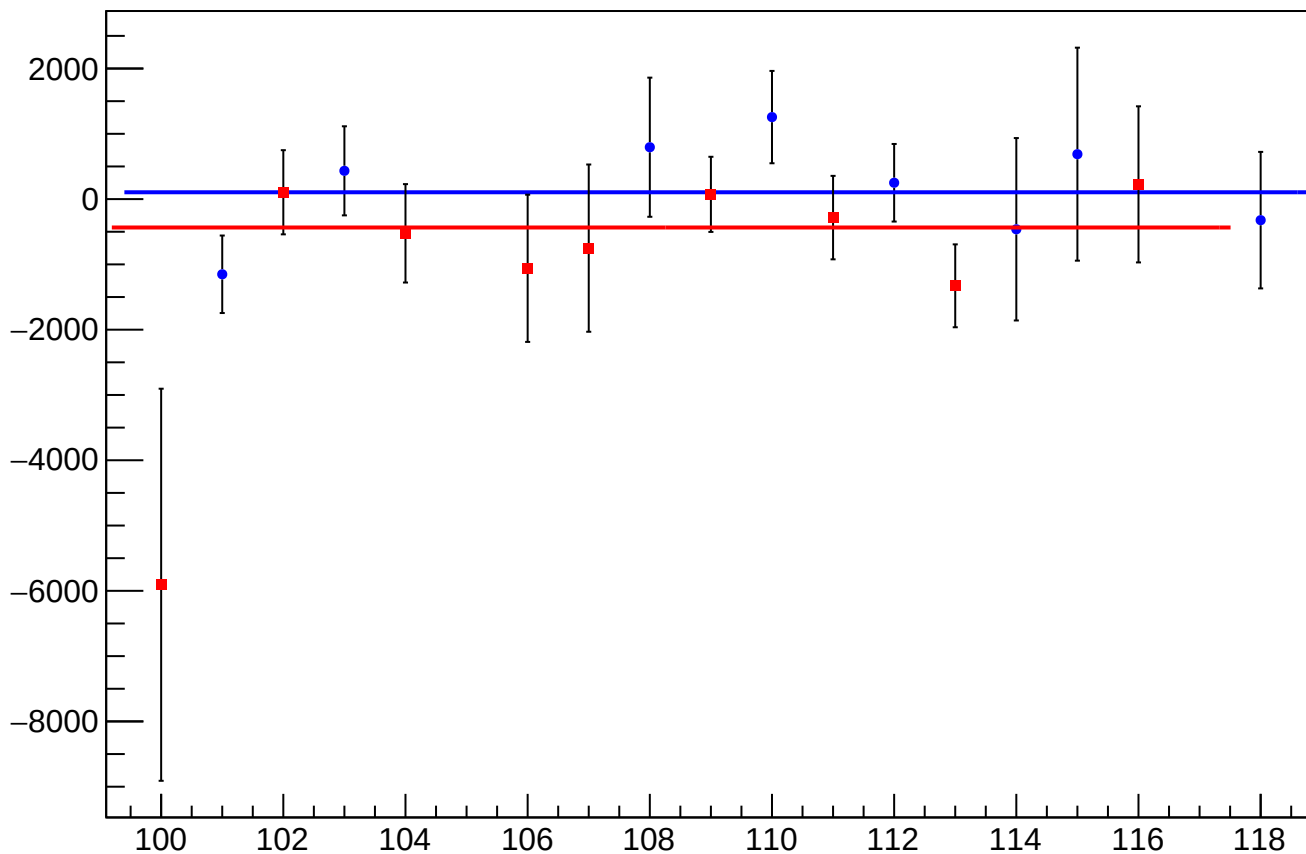
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.015 χ^2/NDF : 1027613.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



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: -434.846 $\pm$ 264.233 χ^2 /NDF: 7.5/8

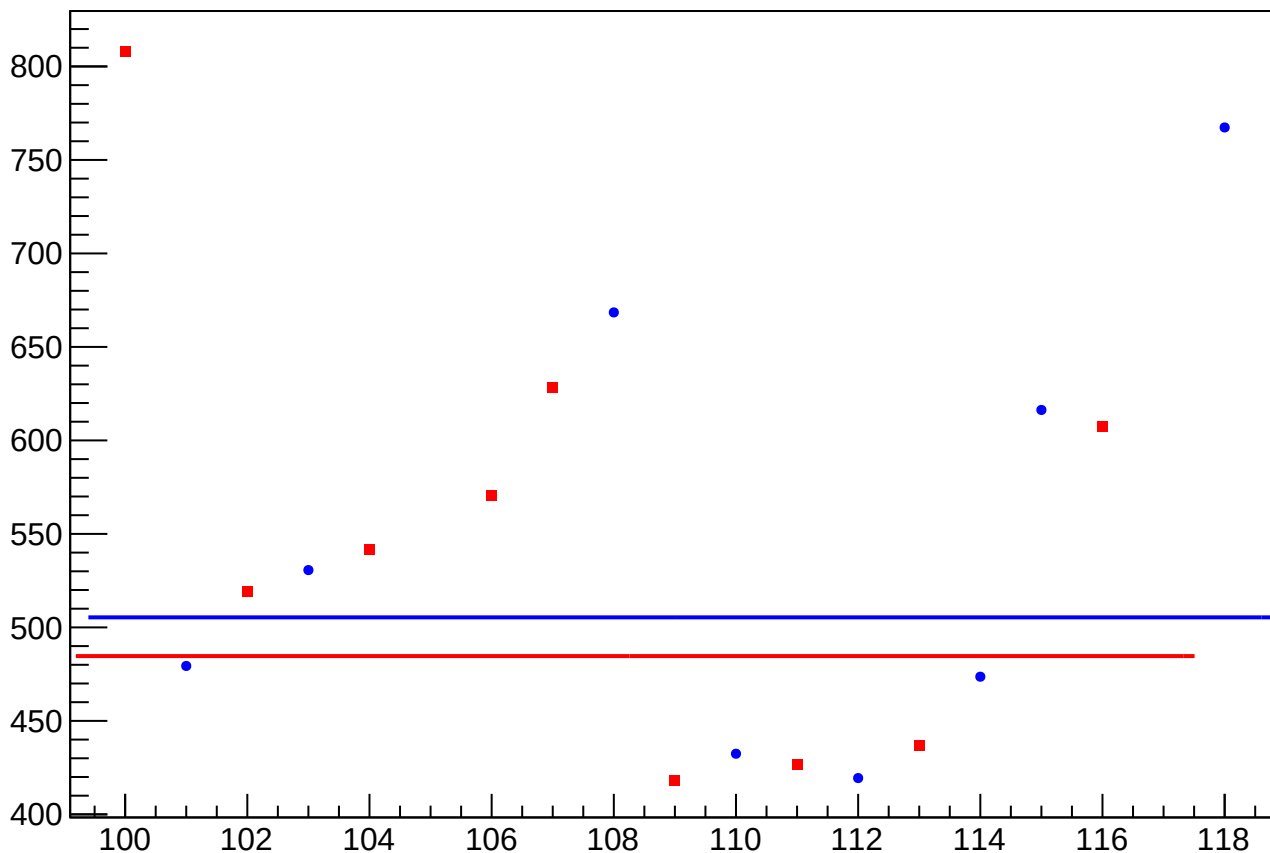
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -183.360 $\pm$ 193.074 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 505.372 $\pm$ 0.200 χ^2 /NDF: 252397.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 484.660 $\pm$ 0.187 χ^2 /NDF: 152577.9/8

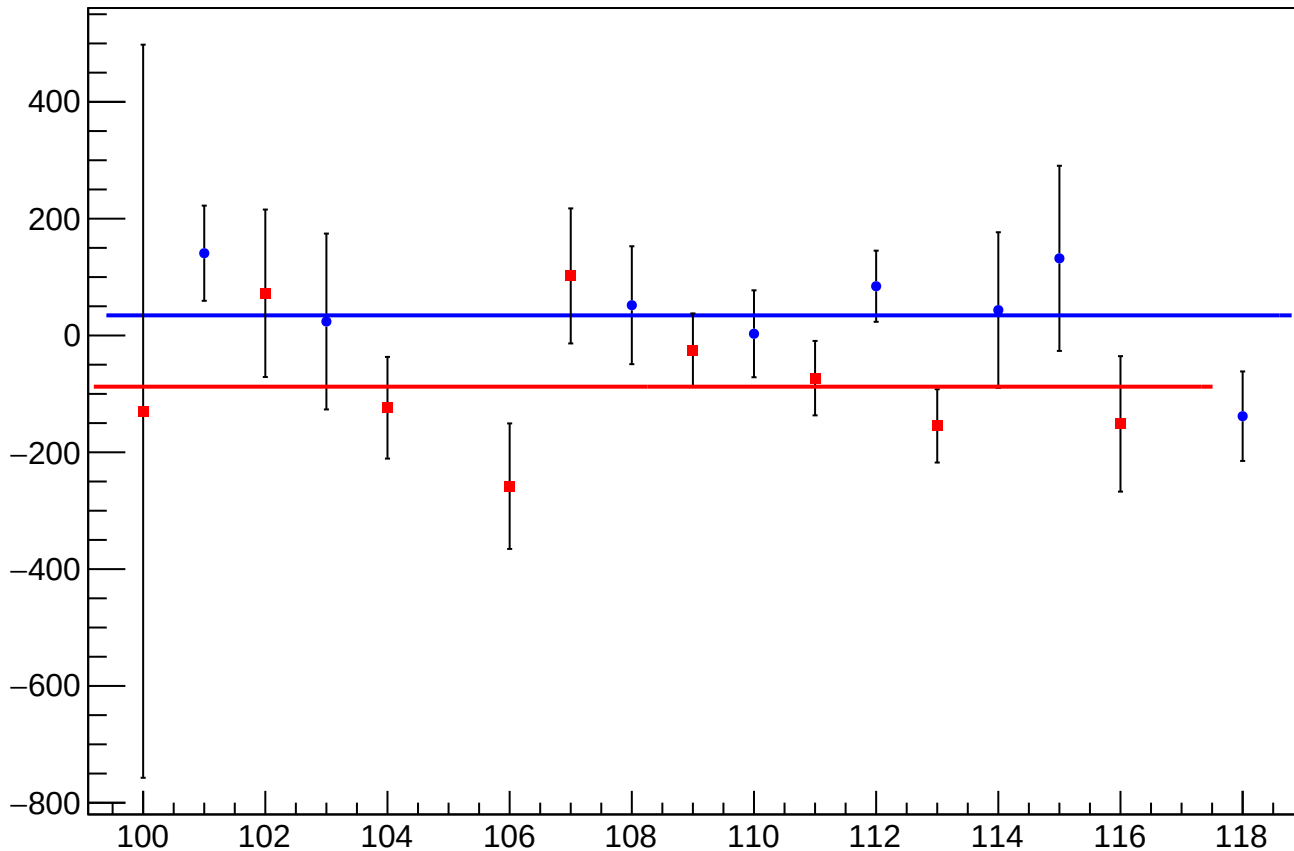
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.313 $\pm$ 0.137 χ^2 /NDF: 410703.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



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: -87.641+/-29.206 χ^2/NDF : 9.1/8

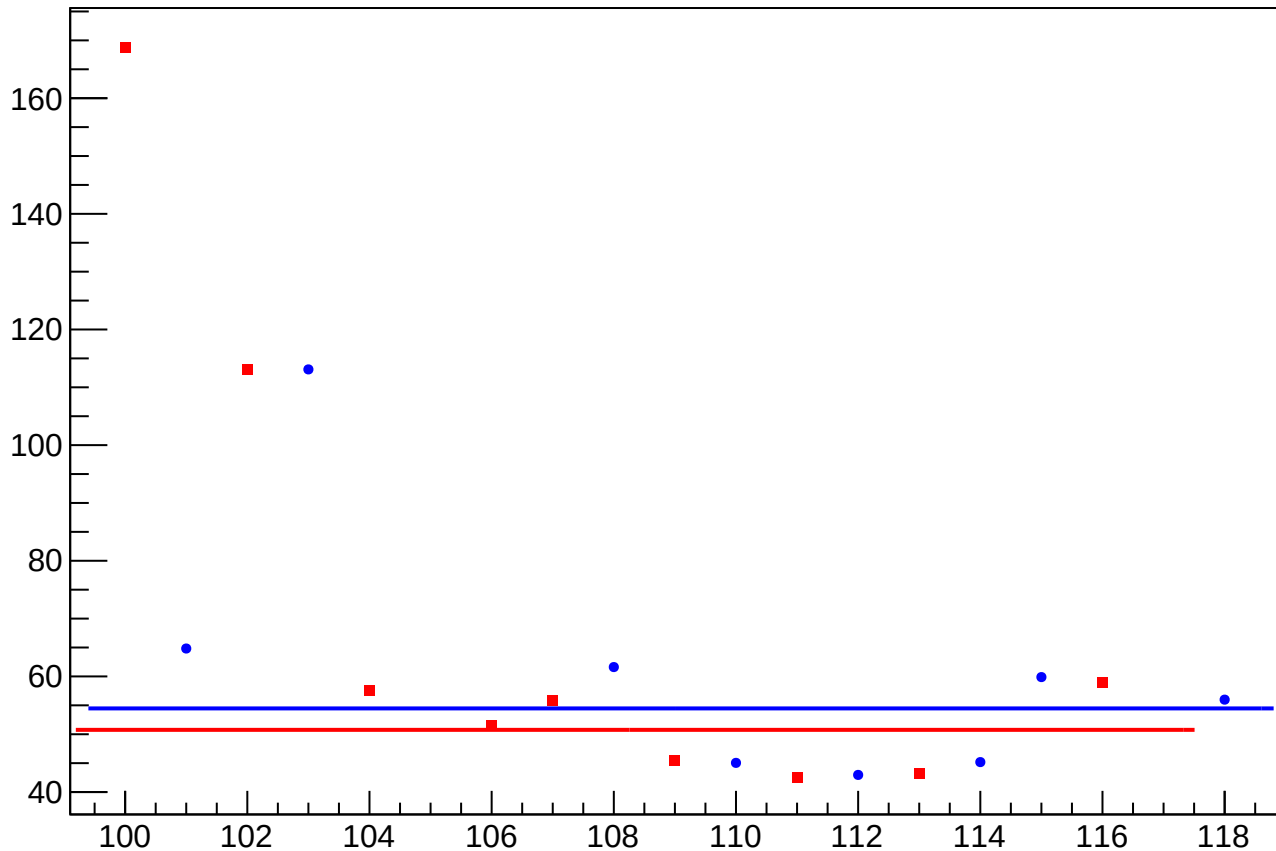
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.142+/-21.407 χ^2/NDF : 25.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



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: 50.759+/-0.021 χ^2/NDF : 550831.0/8

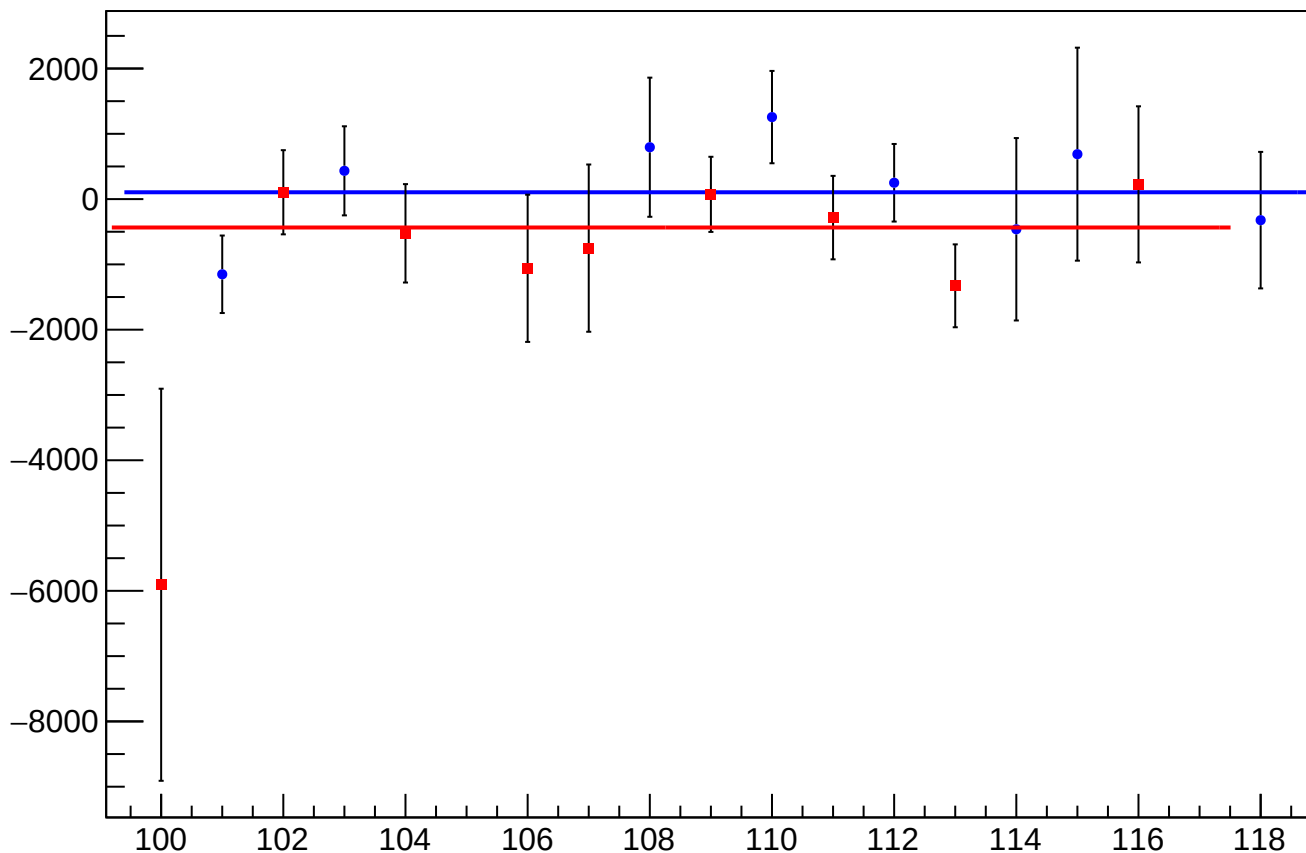
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.475+/-0.015 χ^2/NDF : 1027613.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



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: -434.846 $\pm$ 264.233 χ^2 /NDF: 7.5/8

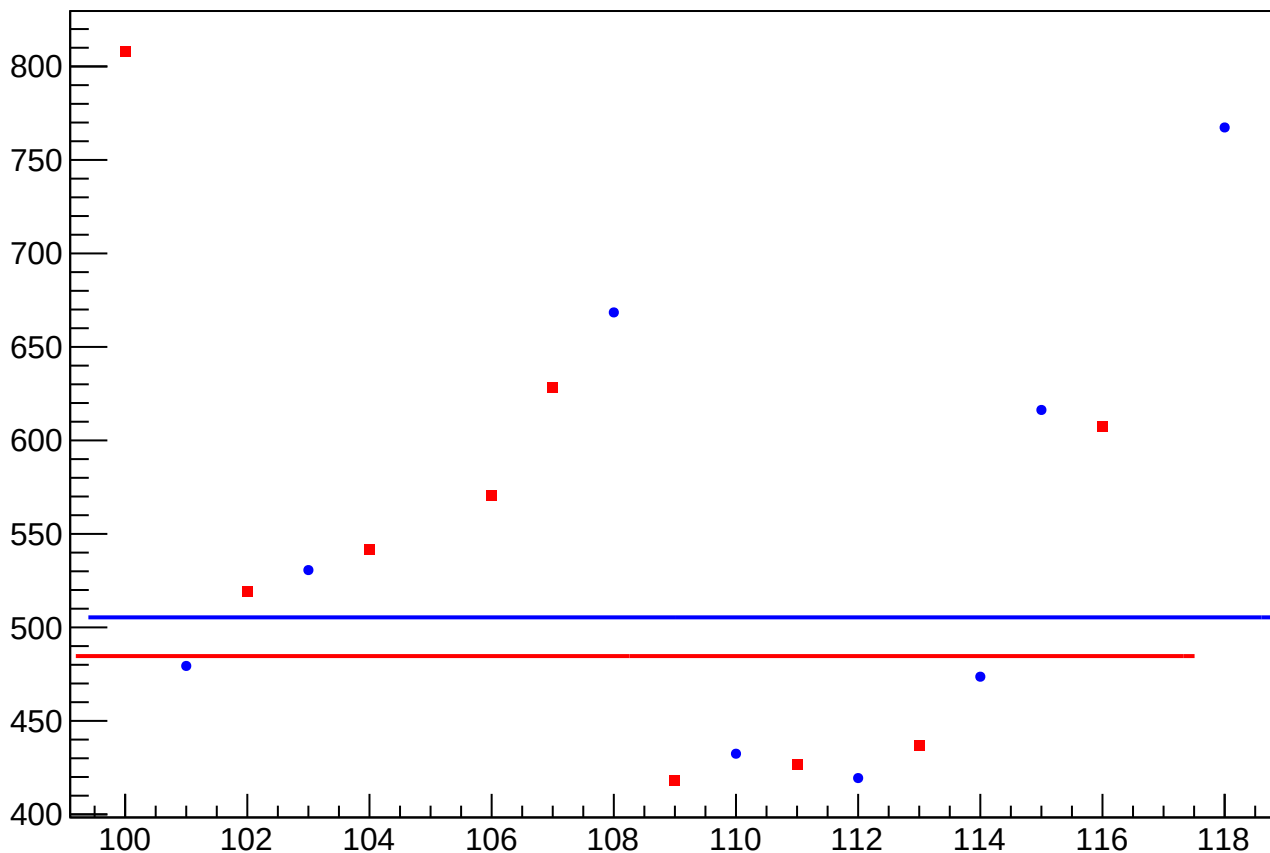
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -183.360 $\pm$ 193.074 χ^2 /NDF: 17.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 505.372 $\pm$ 0.200 χ^2 /NDF: 252397.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 484.660 $\pm$ 0.187 χ^2 /NDF: 152577.9/8

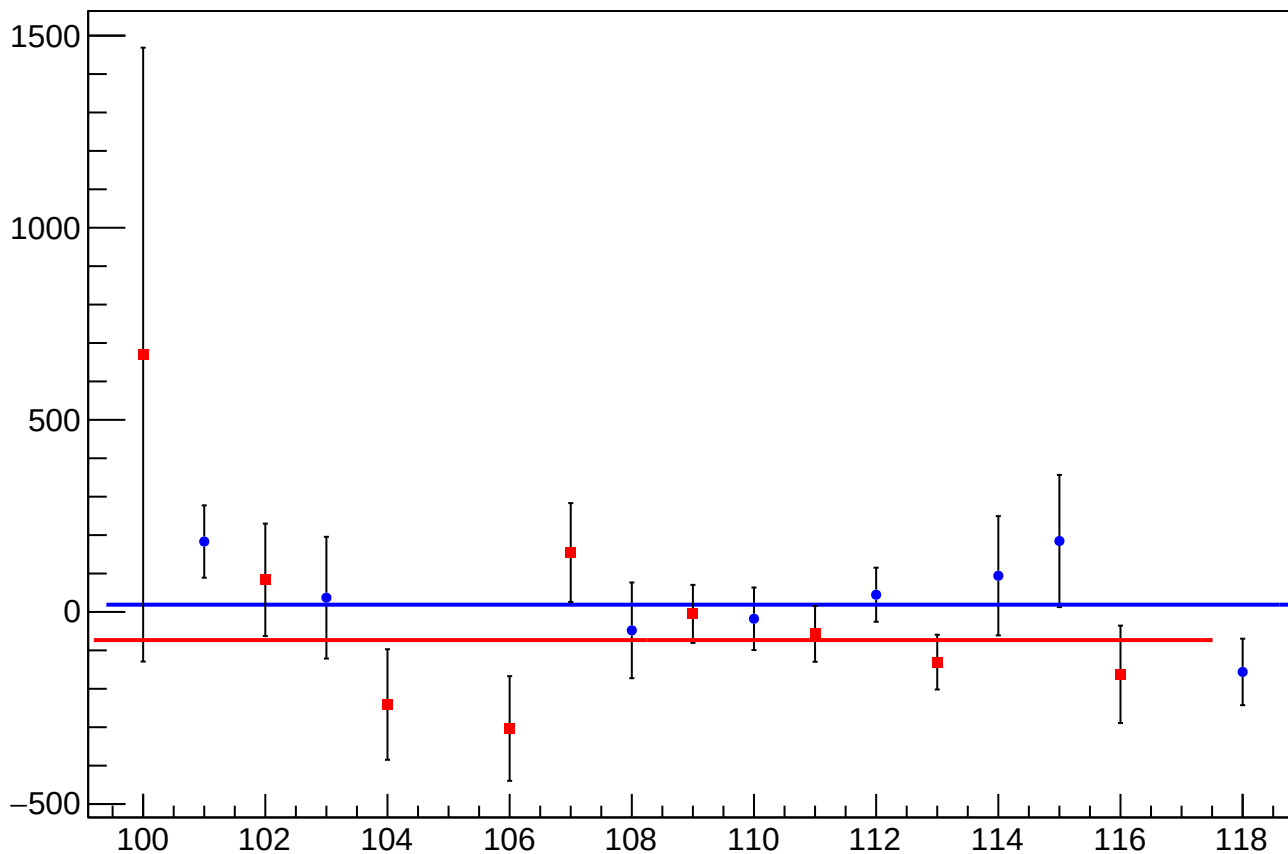
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 494.313 $\pm$ 0.137 χ^2 /NDF: 410703.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 18.901 $\pm$ 35.844 χ^2 /NDF: 8.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.284 $\pm$ 34.613 χ^2 /NDF: 11.4/8

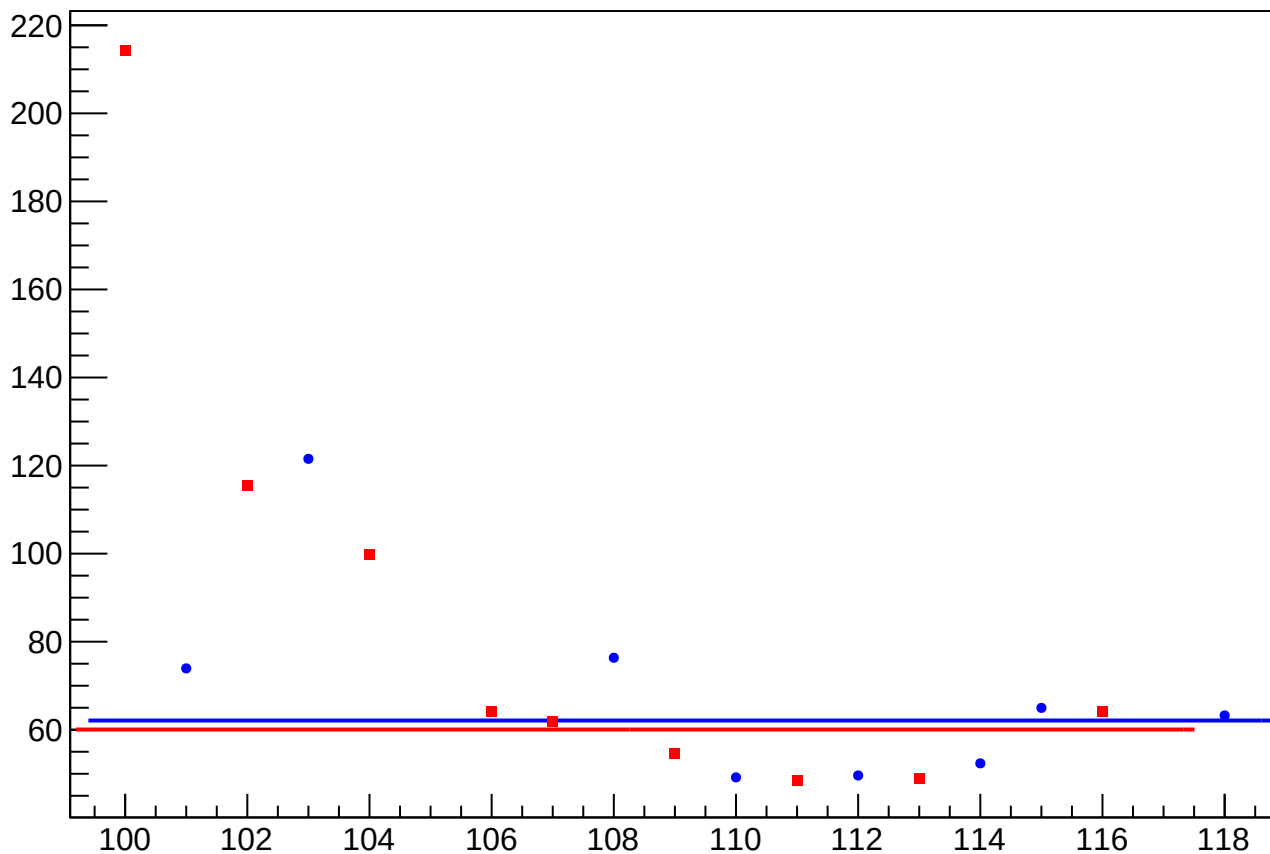
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.801 $\pm$ 24.899 χ^2 /NDF: 23.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



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: 60.054+/-0.024 χ^2/NDF : 629370.9/8

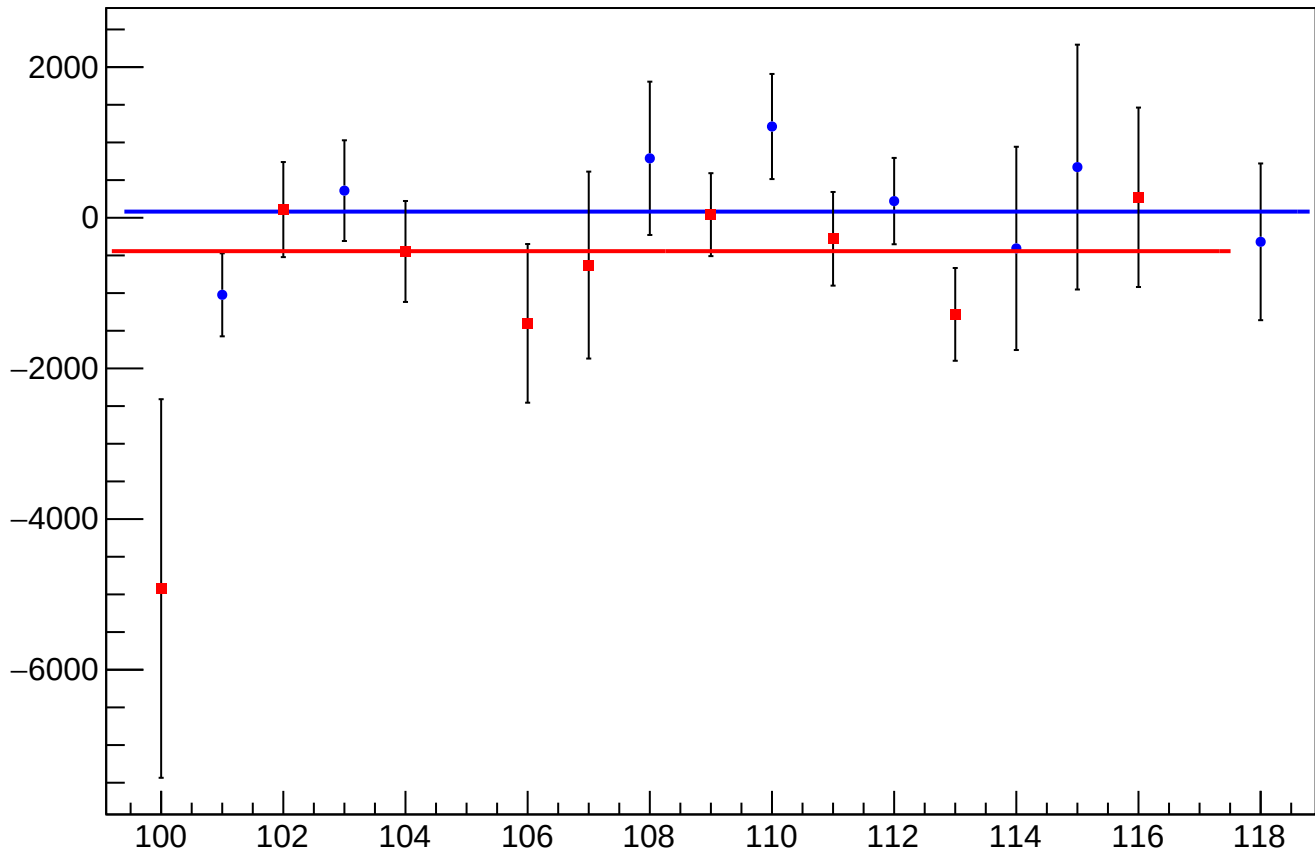
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.041+/-0.018 χ^2/NDF : 1093936.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



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: -443.329+/-252.573 χ^2/NDF : 7.9/8

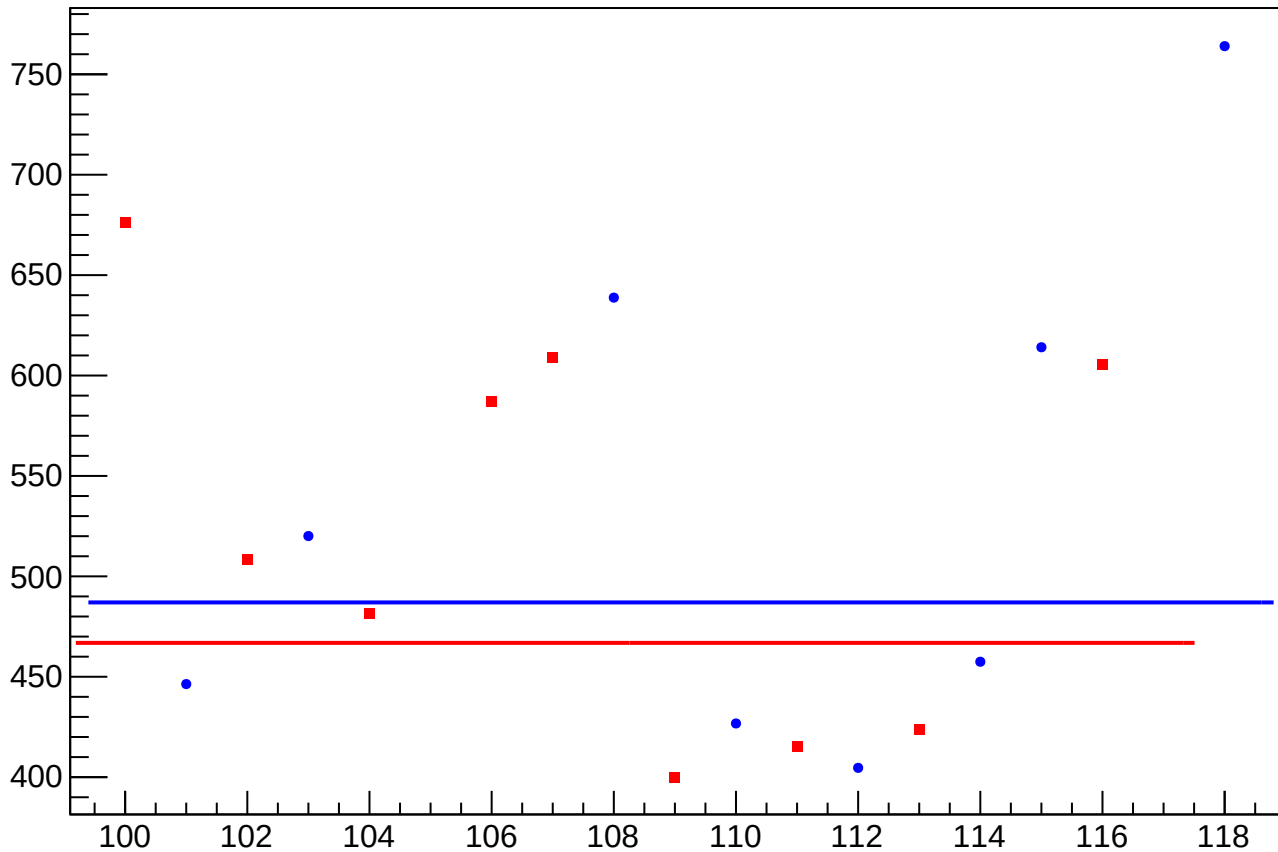
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.868+/-185.309 χ^2/NDF : 17.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



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: 466.871+/-0.179 χ^2/NDF : 155840.8/8

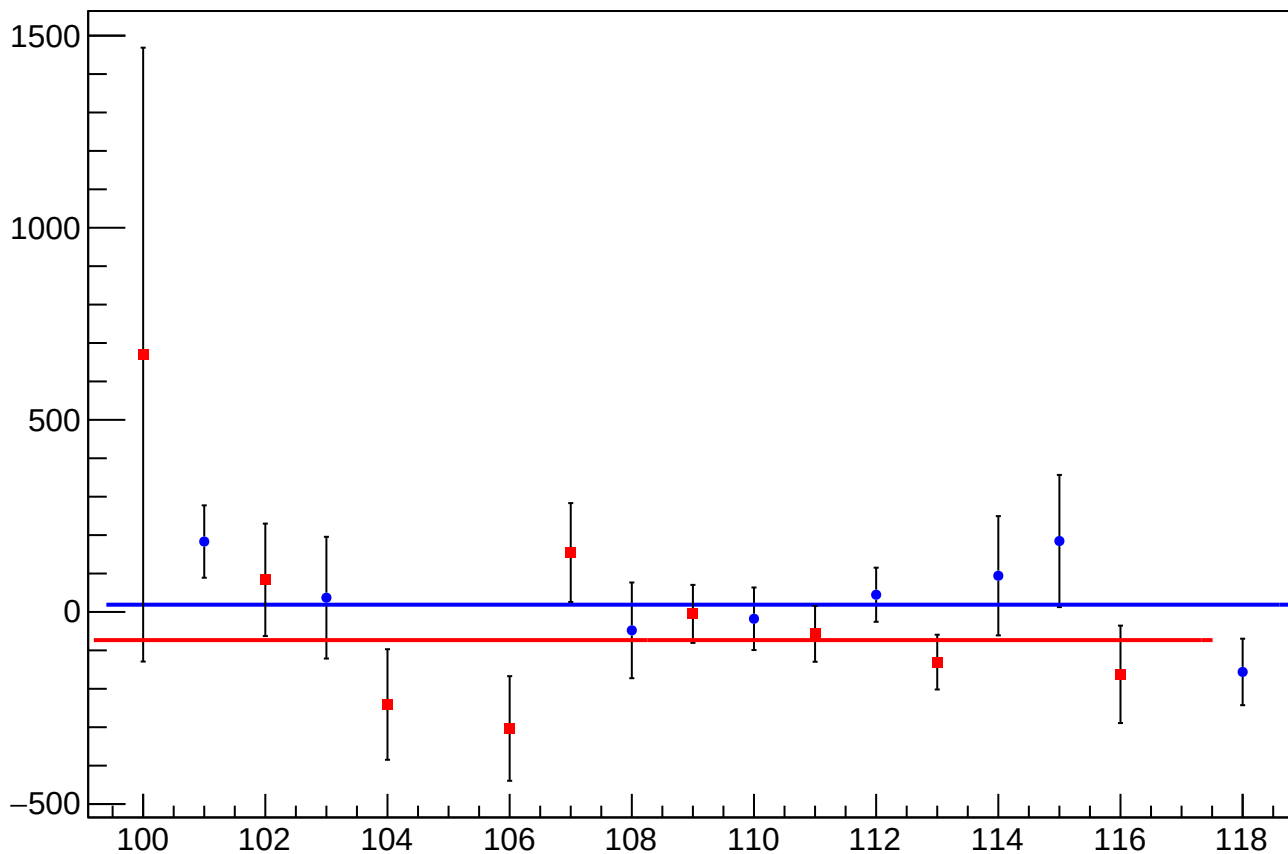
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.171+/-0.131 χ^2/NDF : 433226.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



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: -73.283+/-34.614 χ^2/NDF : 11.4/8

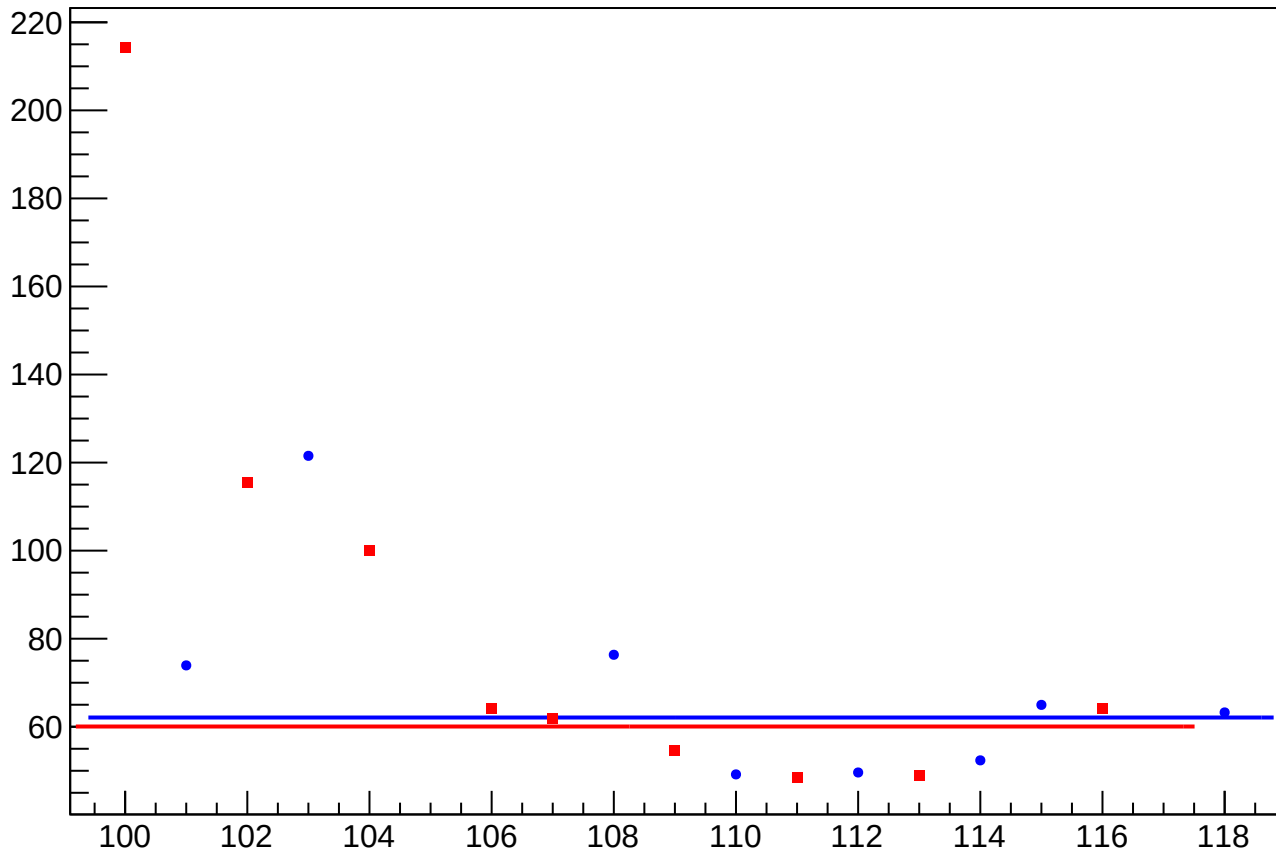
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.801+/-24.899 χ^2/NDF : 23.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



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: 60.055+/-0.024 χ^2/NDF : 629372.1/8

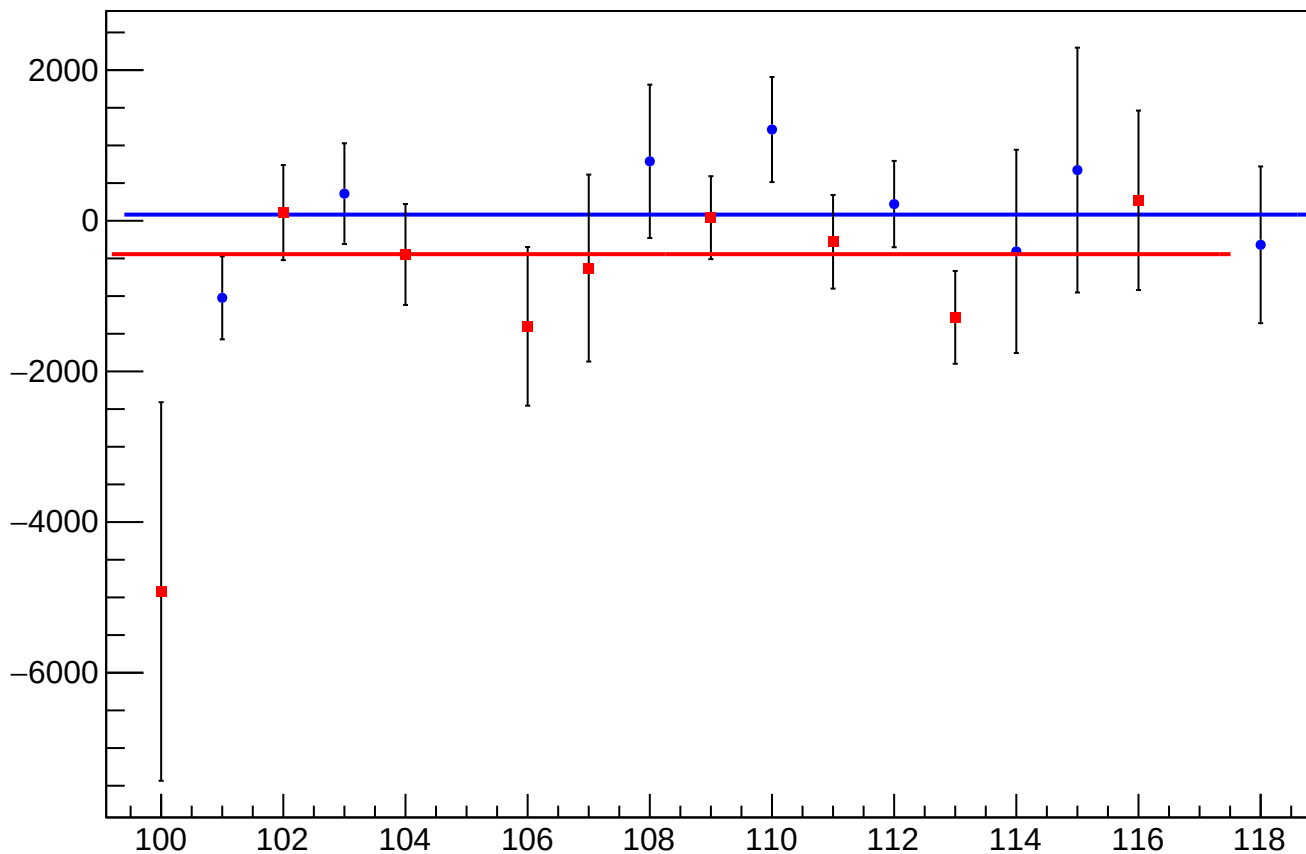
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.041+/-0.018 χ^2/NDF : 1093937.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 81.810 $\pm$ 272.716 χ^2 /NDF: 7.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -443.328 $\pm$ 252.572 χ^2 /NDF: 7.9/8

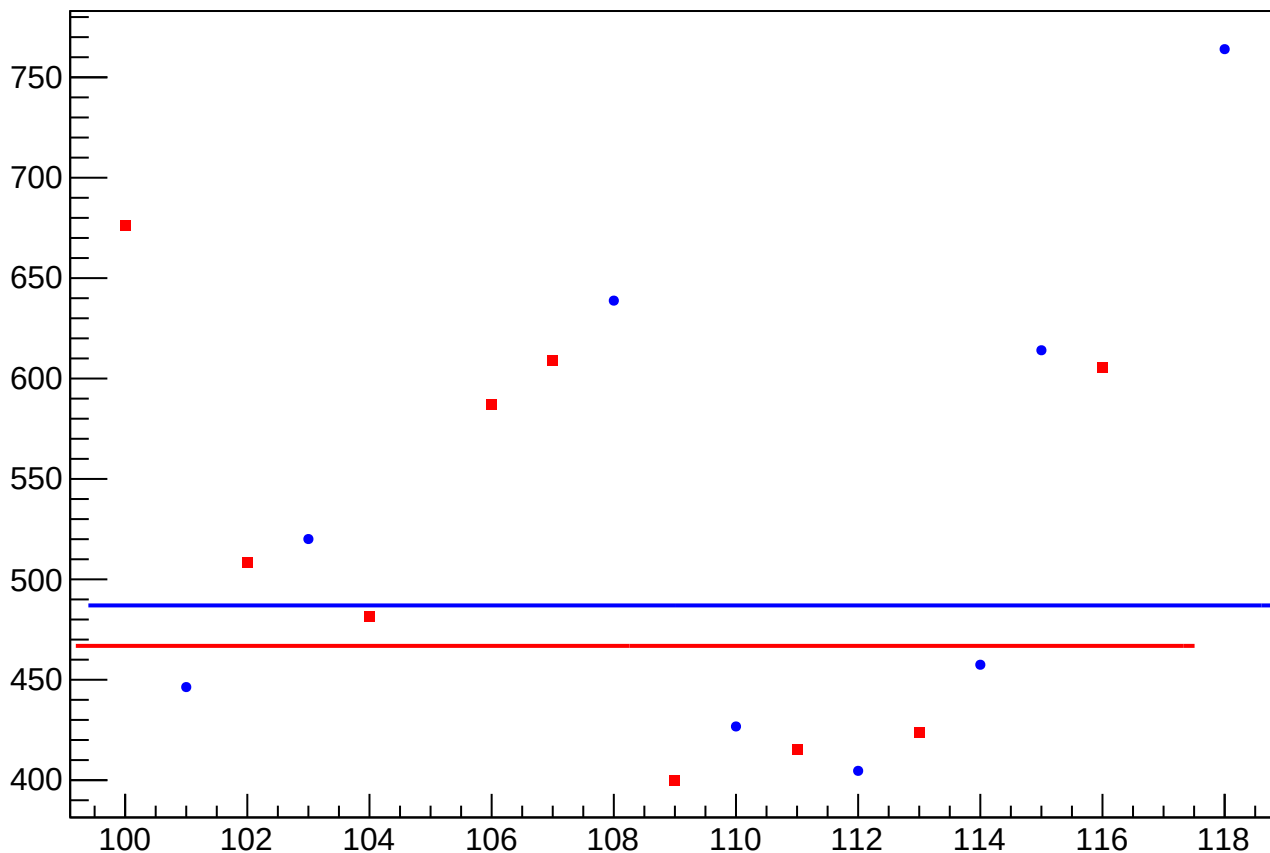
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -200.867 $\pm$ 185.308 χ^2 /NDF: 17.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



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: 466.870+/-0.179 χ^2/NDF : 155841.2/8

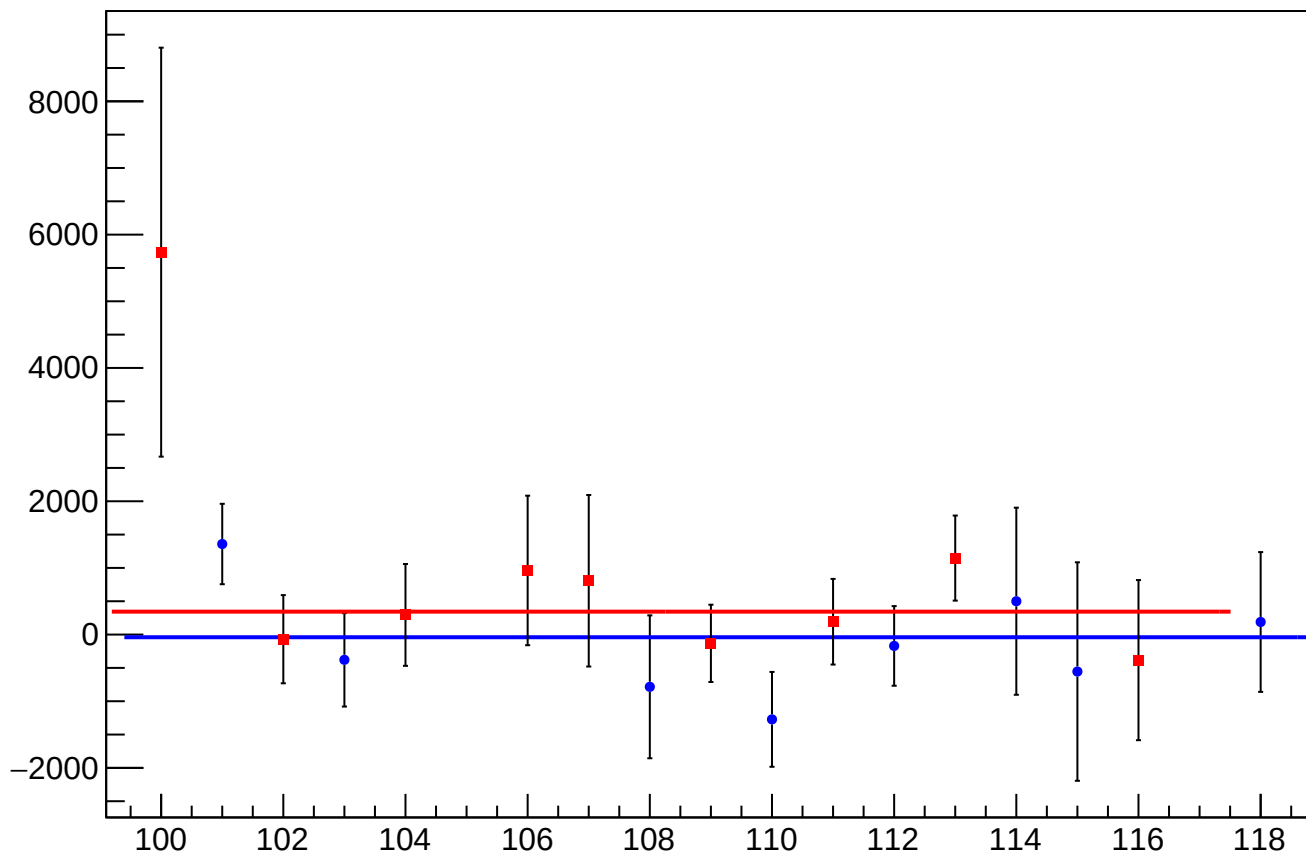
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.170+/-0.131 χ^2/NDF : 433230.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



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: 343.982 ± 266.767 χ^2/NDF : 6.6/8

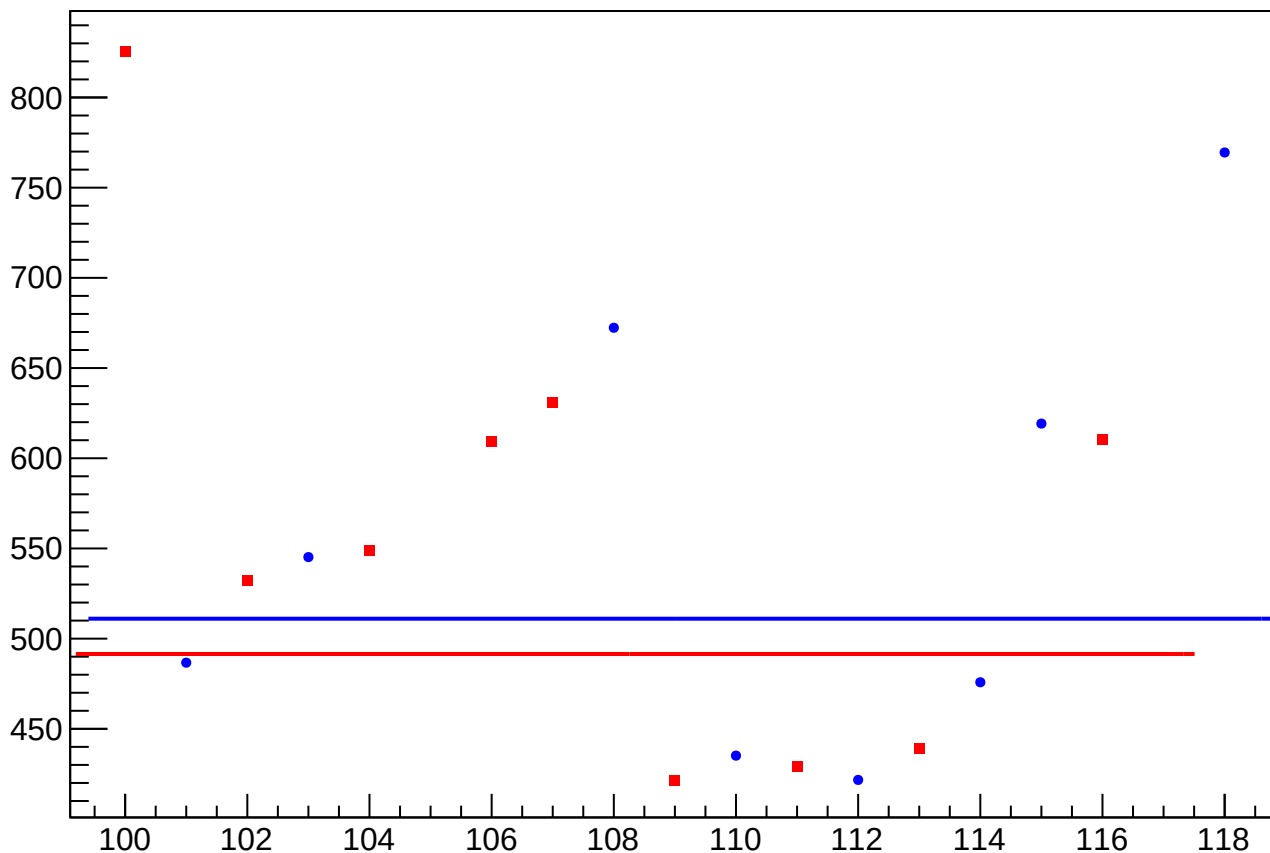
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 165.326 ± 195.094 χ^2/NDF : 17.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 511.057 $\pm$ 0.202 χ^2 /NDF: 252311.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.492 $\pm$ 0.189 χ^2 /NDF: 169399.2/8

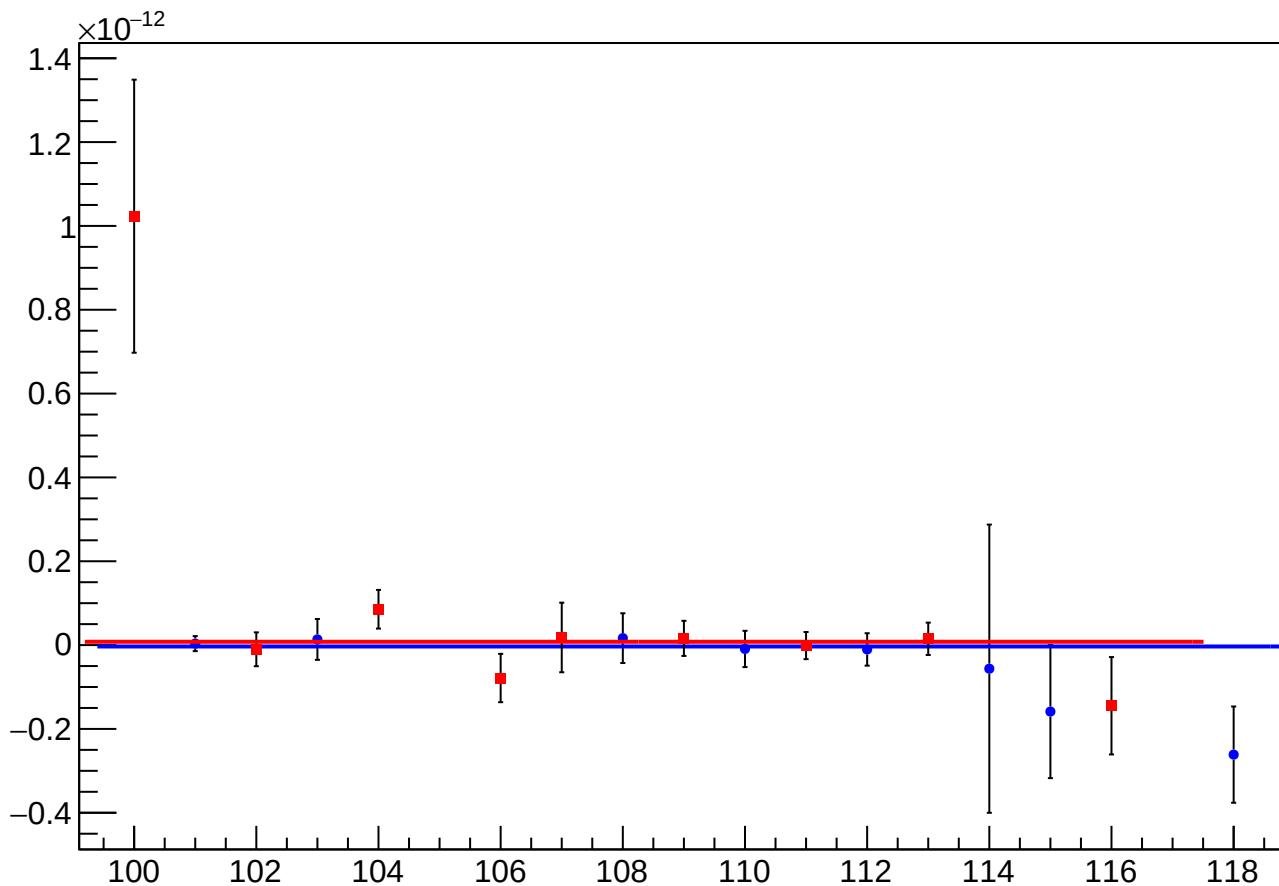
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 500.593 $\pm$ 0.138 χ^2 /NDF: 426714.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug



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 : 16.9/8

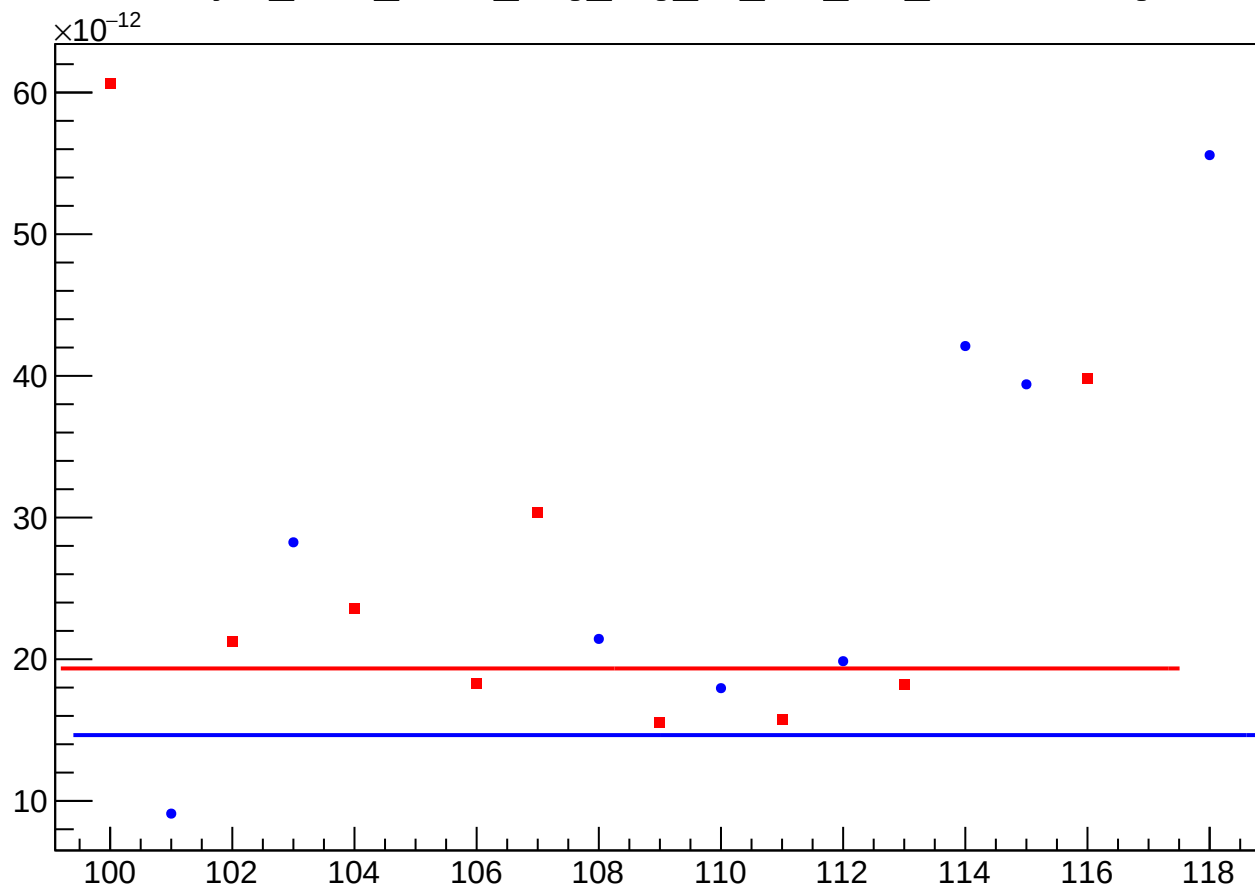
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 23.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug



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 : 194499.5/8

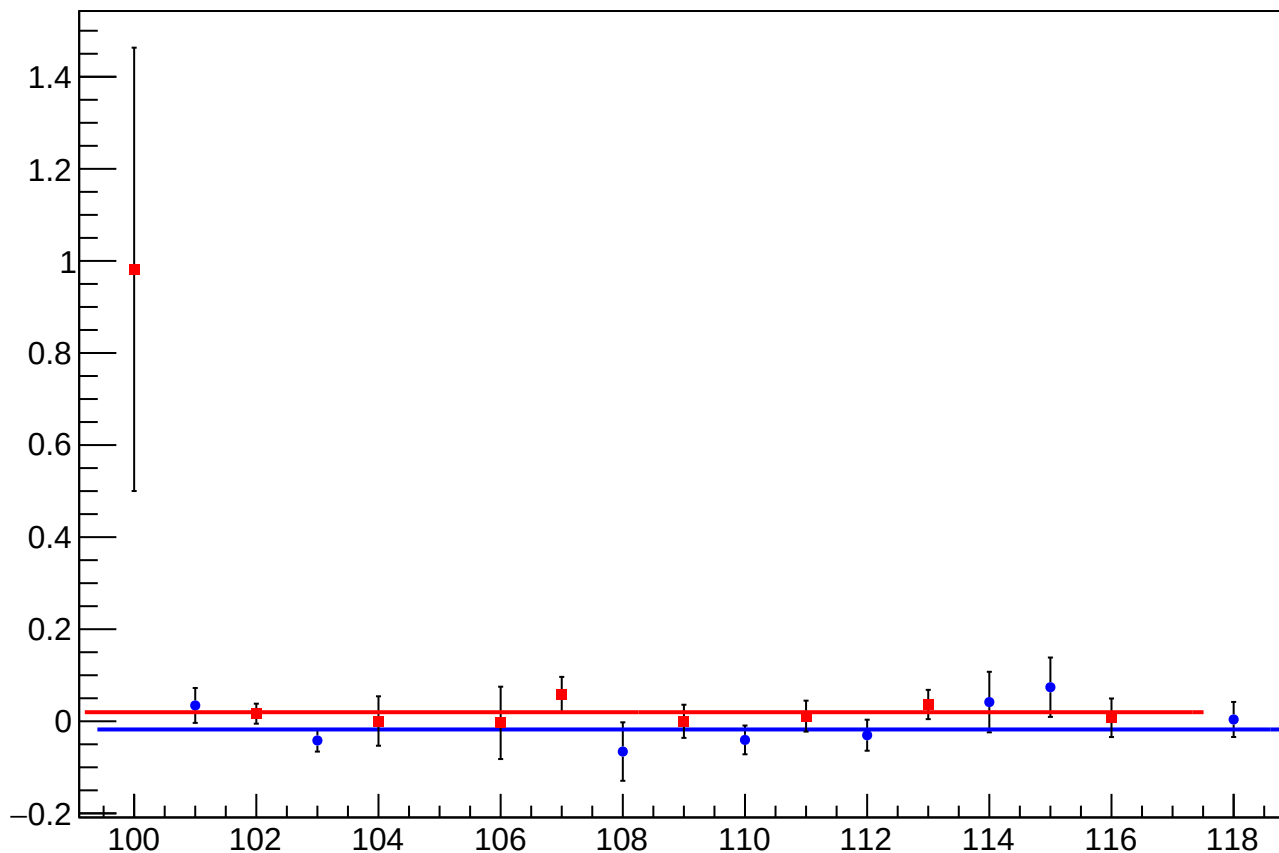
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1028358.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



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: 0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

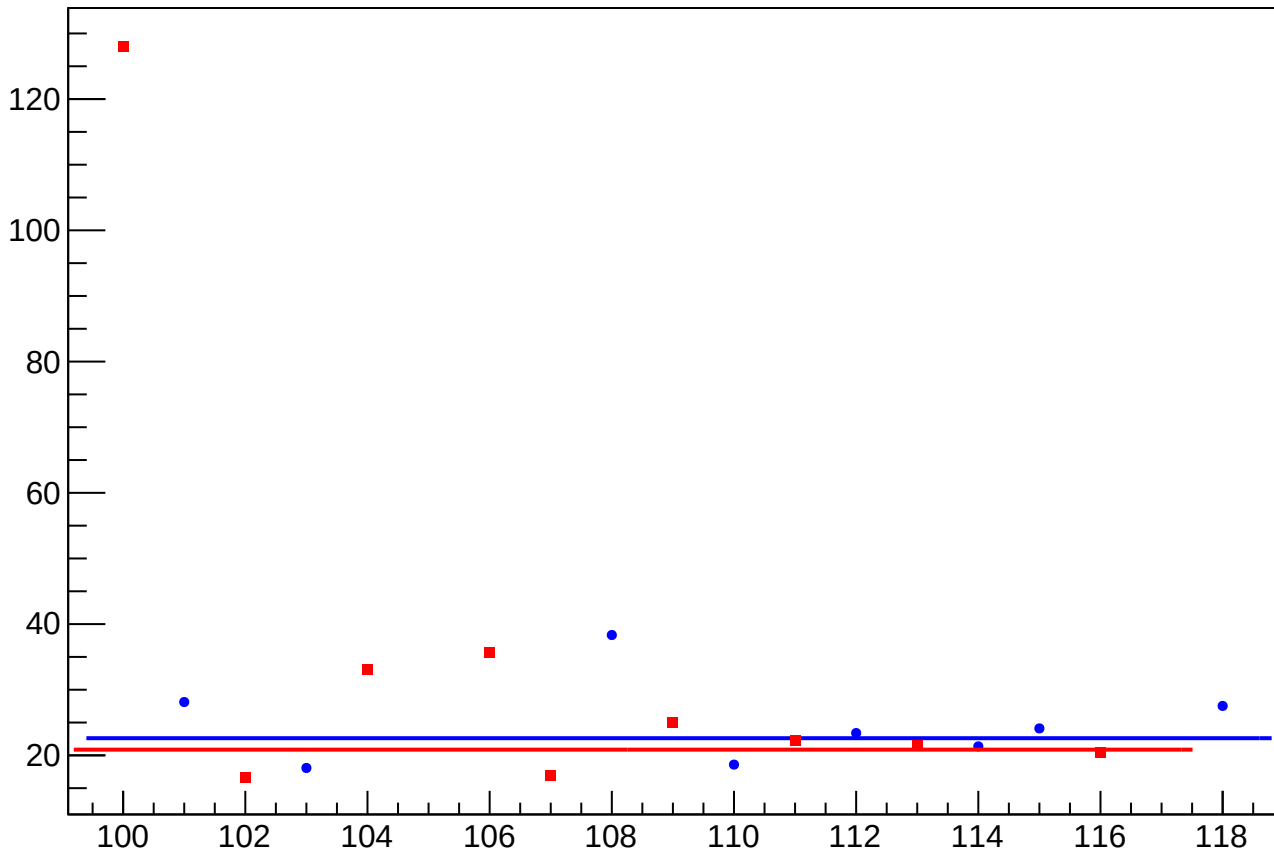
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



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: 20.869+/-0.009 χ^2/NDF : 403717.4/8

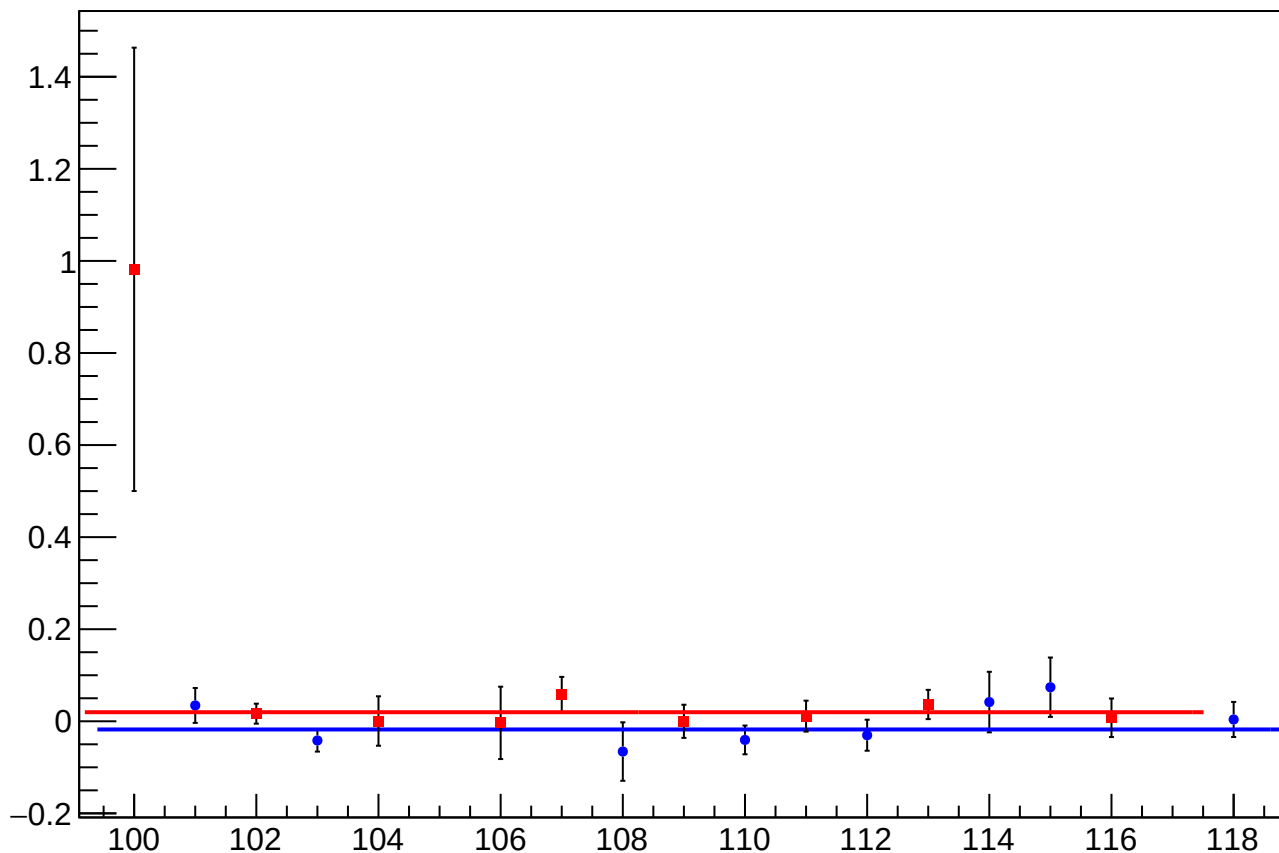
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.684+/-0.006 χ^2/NDF : 726955.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018+/-0.013 χ^2/NDF : 7.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.012 χ^2/NDF : 6.0/8

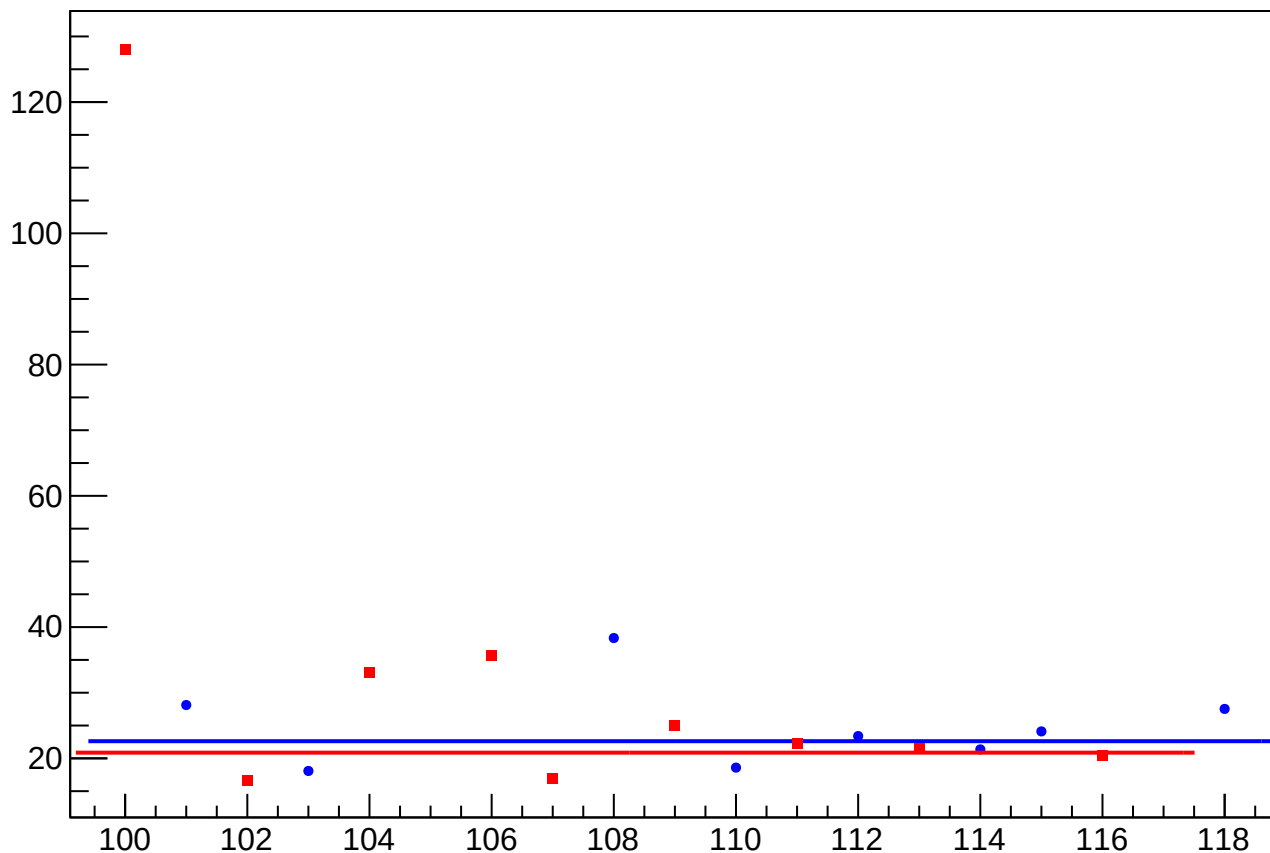
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.009 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 20.869+/-0.009 χ^2/NDF : 403717.4/8

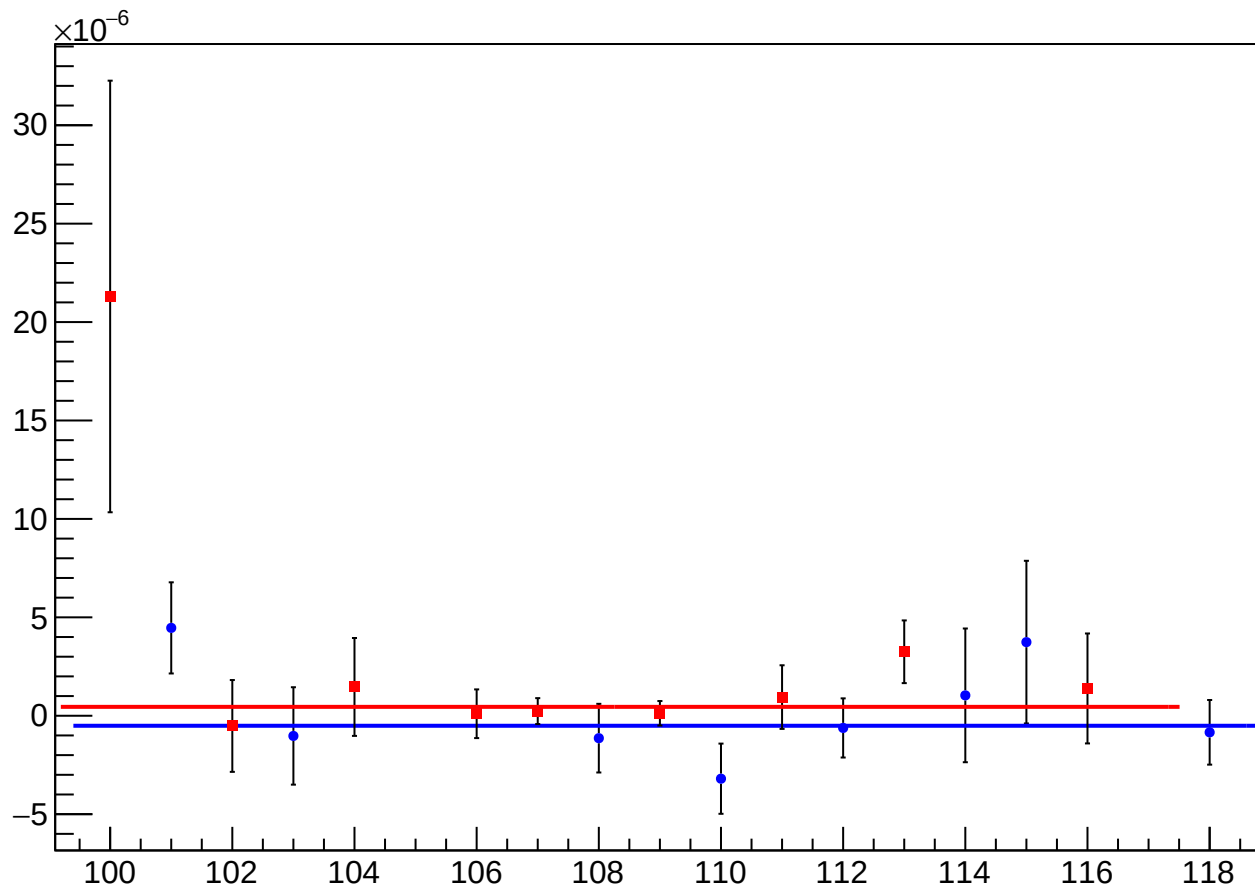
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.684+/-0.006 χ^2/NDF : 726955.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 7.7/8

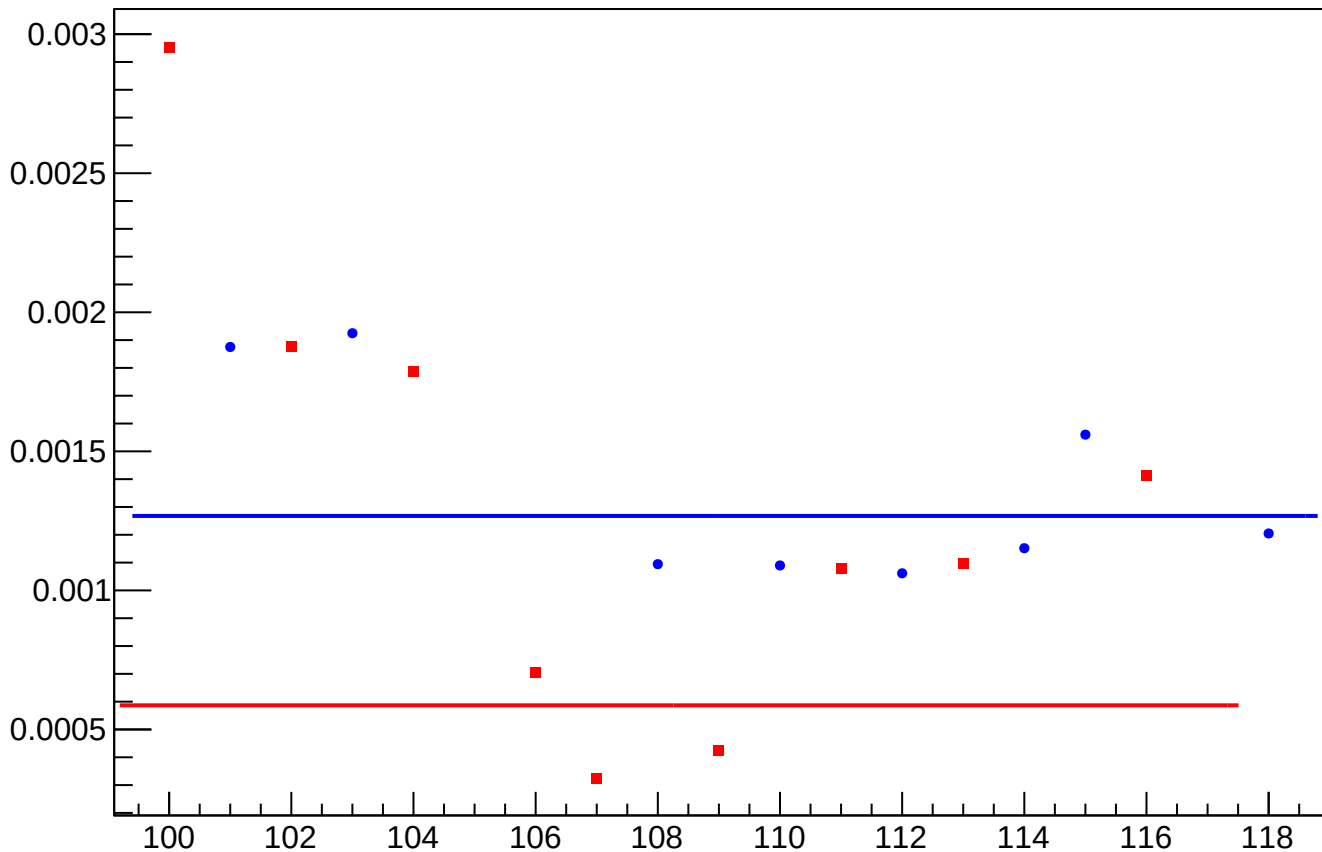
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2210593.7/8

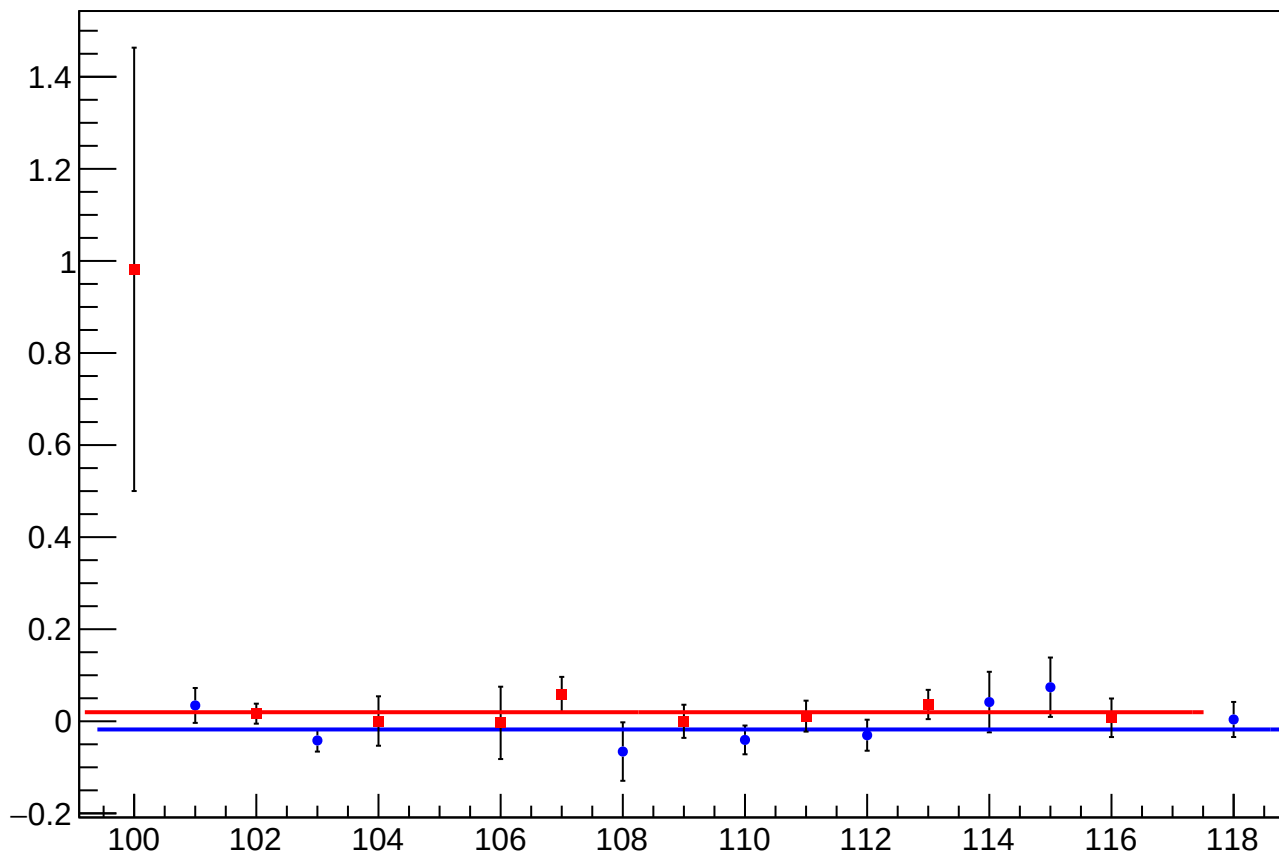
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3988404.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

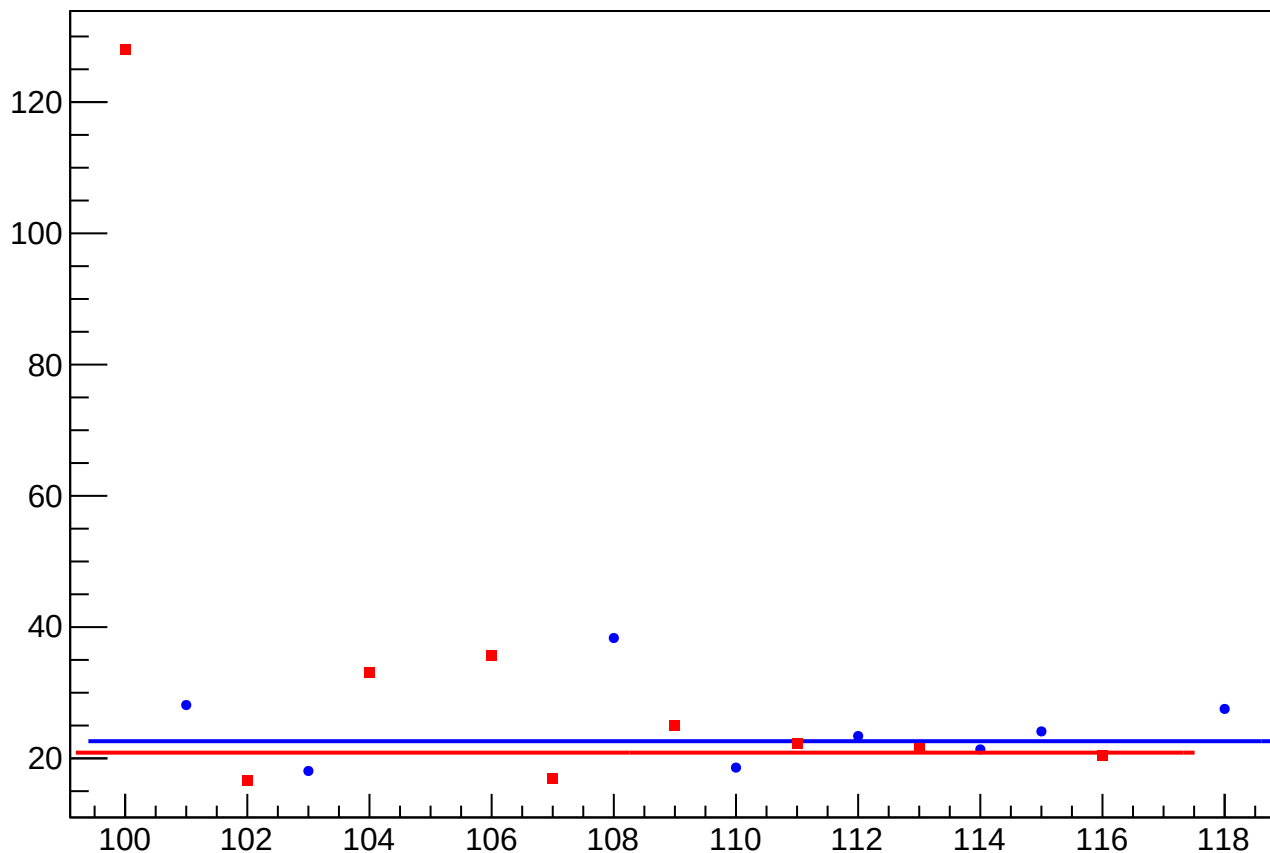
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.614 $\pm$ 0.009 χ^2 /NDF: 304668.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.870 $\pm$ 0.009 χ^2 /NDF: 403721.4/8

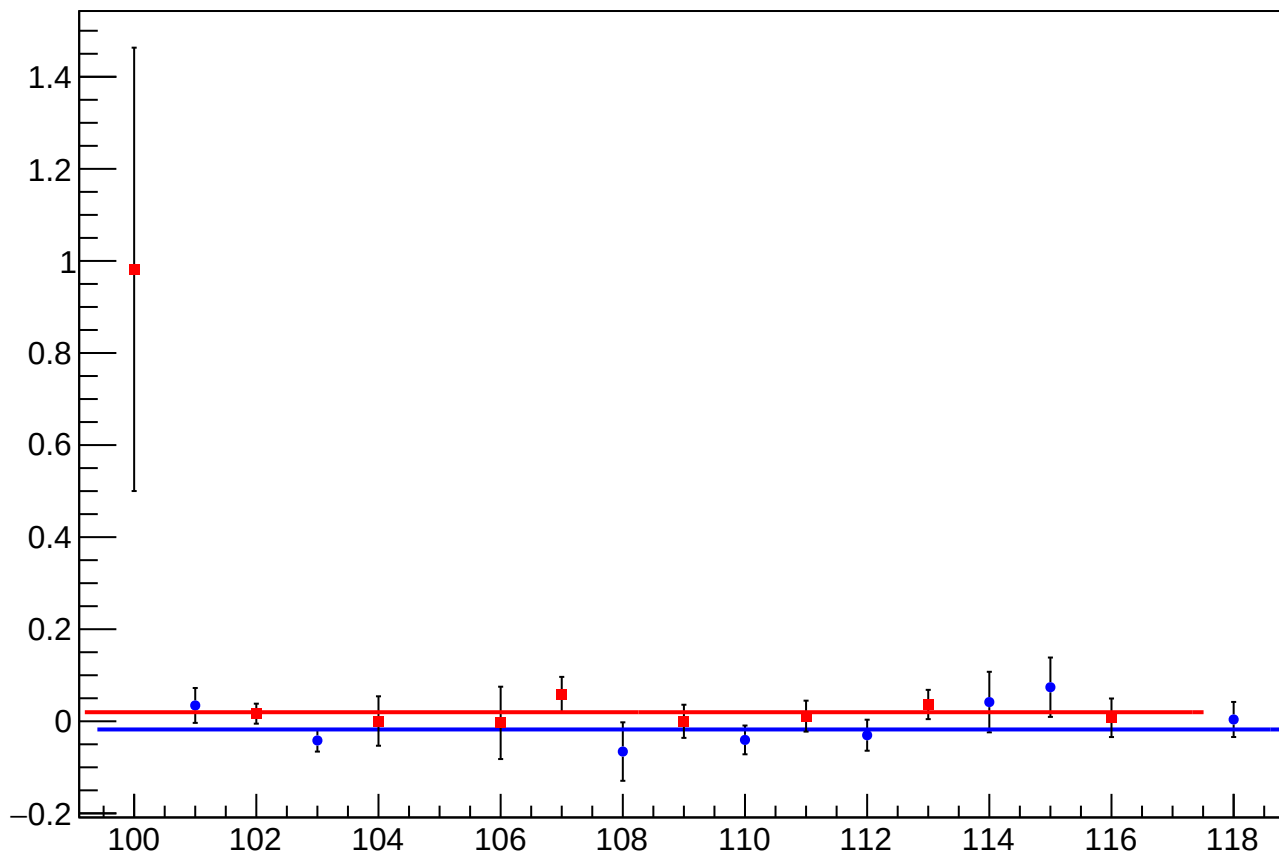
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.684 $\pm$ 0.006 χ^2 /NDF: 726950.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.020 $\pm$ 0.012 χ^2 /NDF: 6.0/8

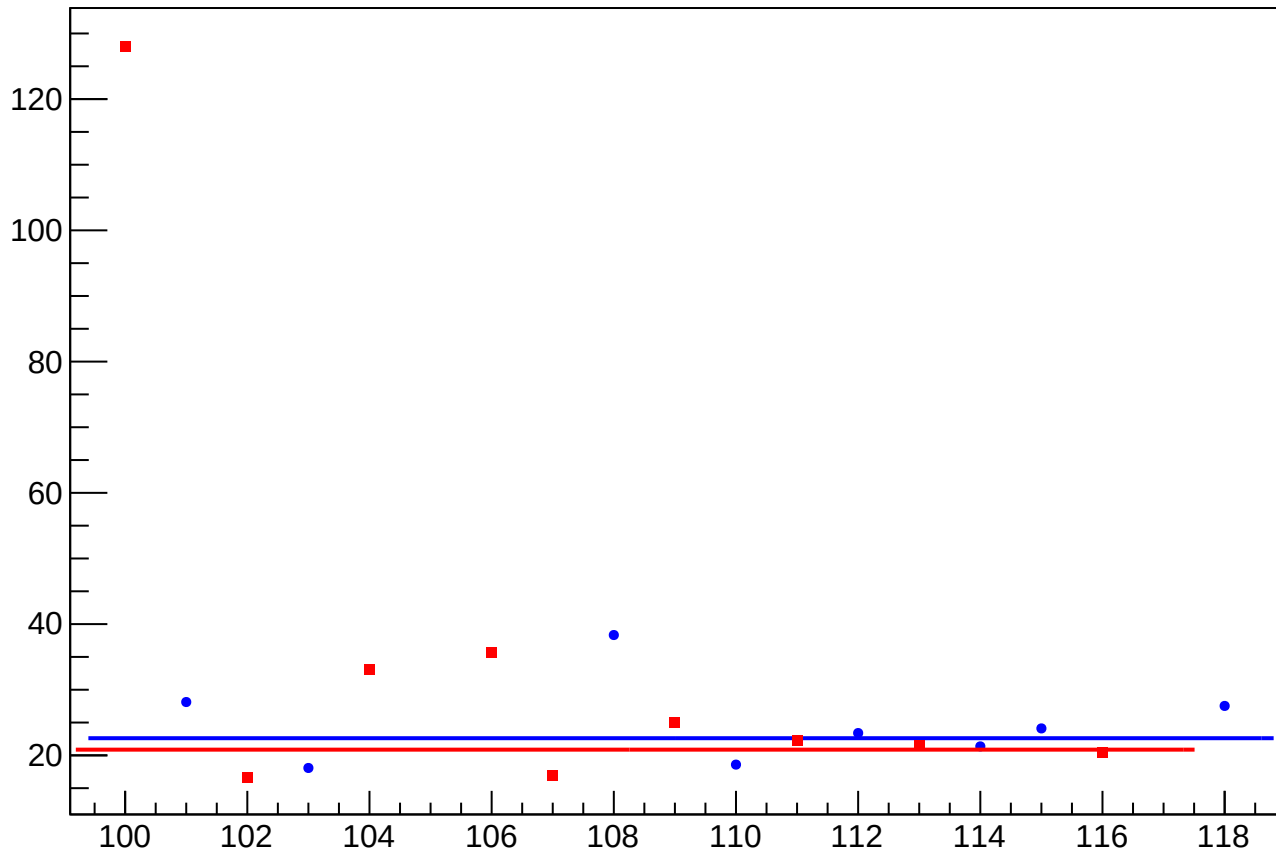
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.009 χ^2 /NDF: 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.614 $\pm$ 0.009 χ^2 /NDF: 304668.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.870 $\pm$ 0.009 χ^2 /NDF: 403721.4/8

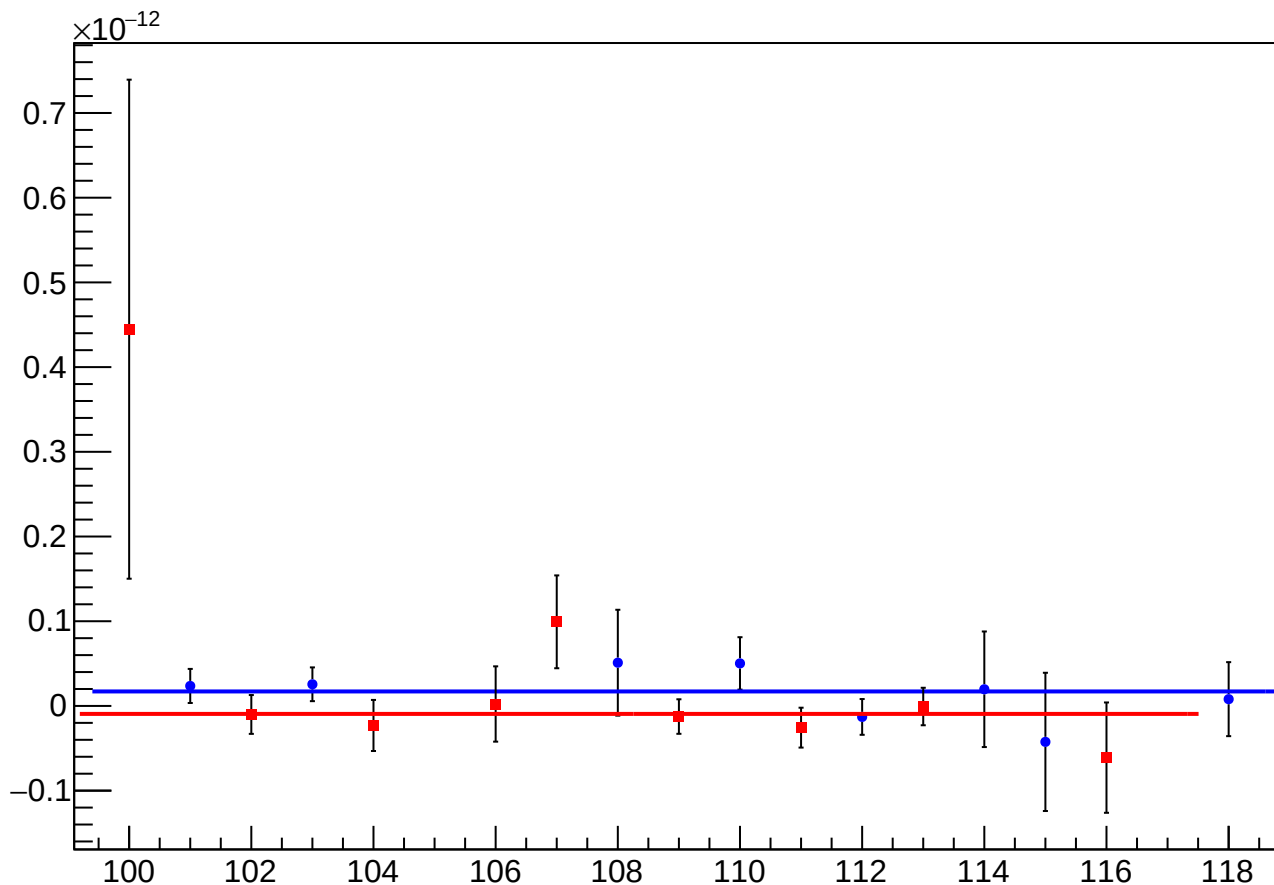
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.684 $\pm$ 0.006 χ^2 /NDF: 726950.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 7.9/8

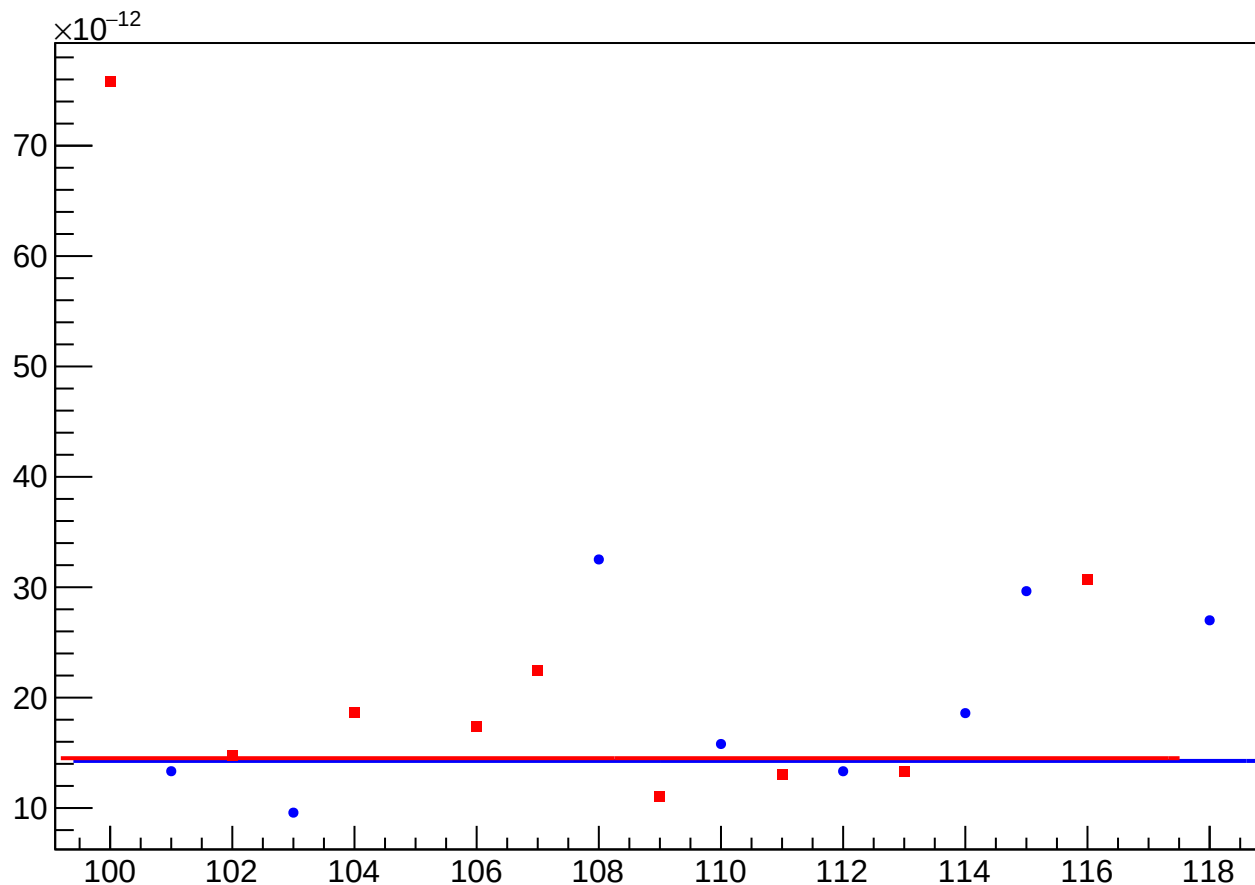
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 369205.4/8

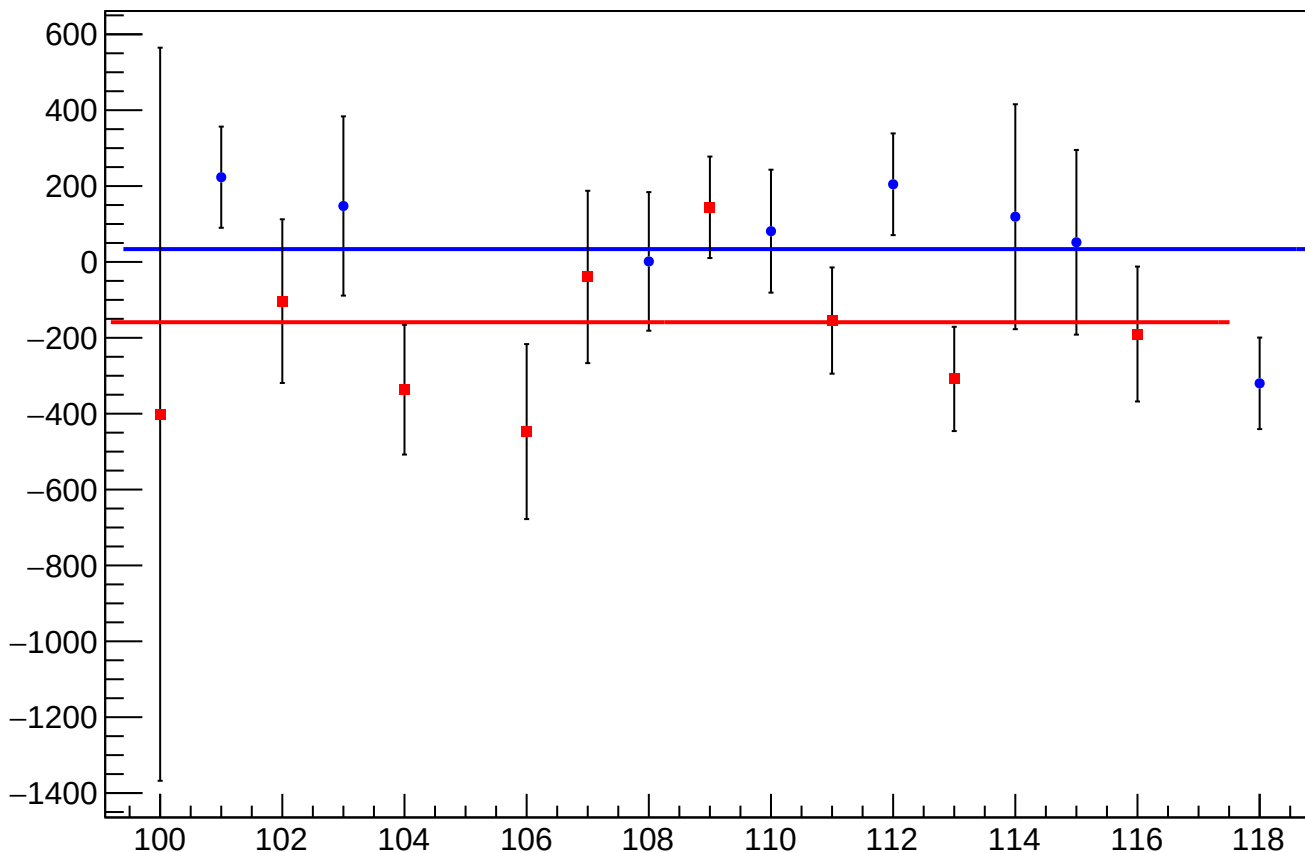
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 913281.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



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: -158.860+/-59.091 χ^2/NDF : 9.4/8

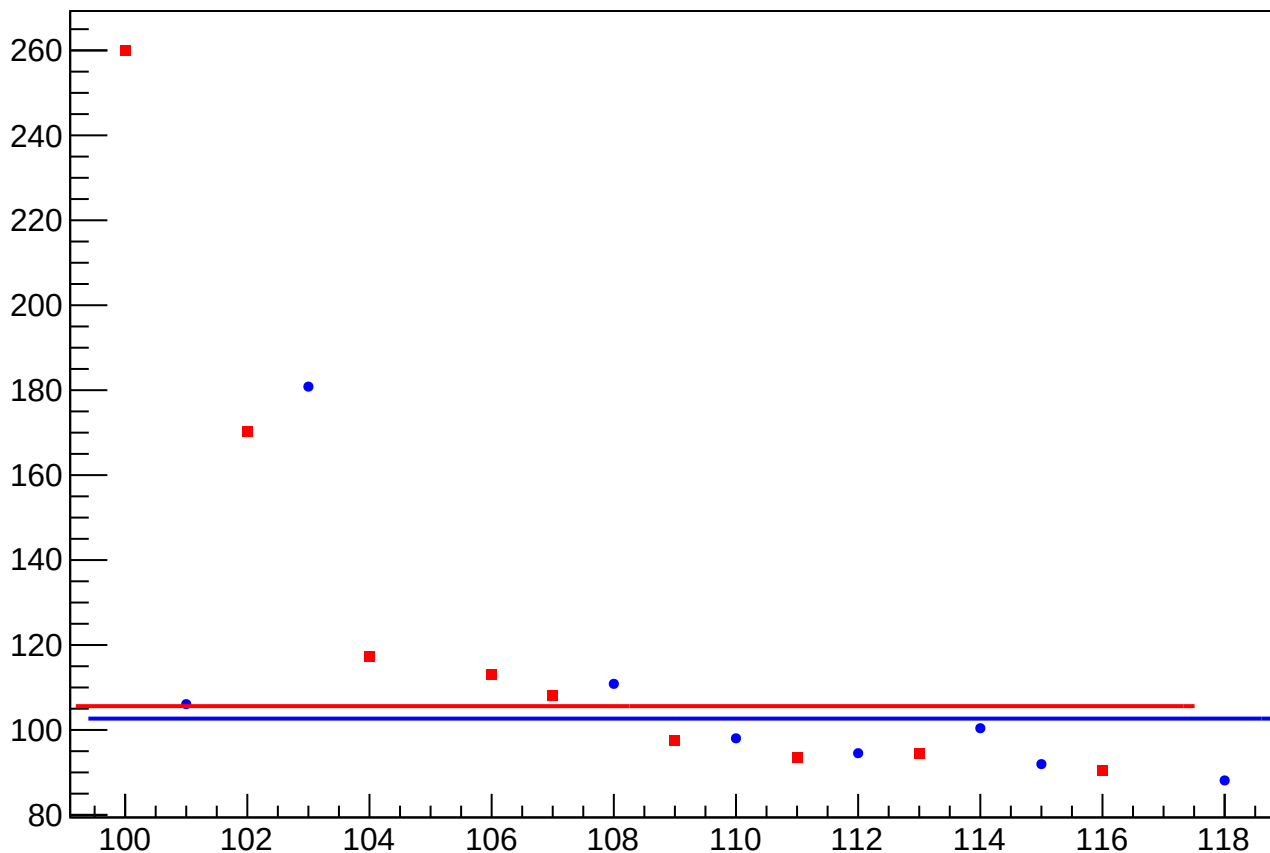
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.111+/-41.479 χ^2/NDF : 27.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



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: 105.605+/-0.042 χ^2/NDF : 293149.0/8

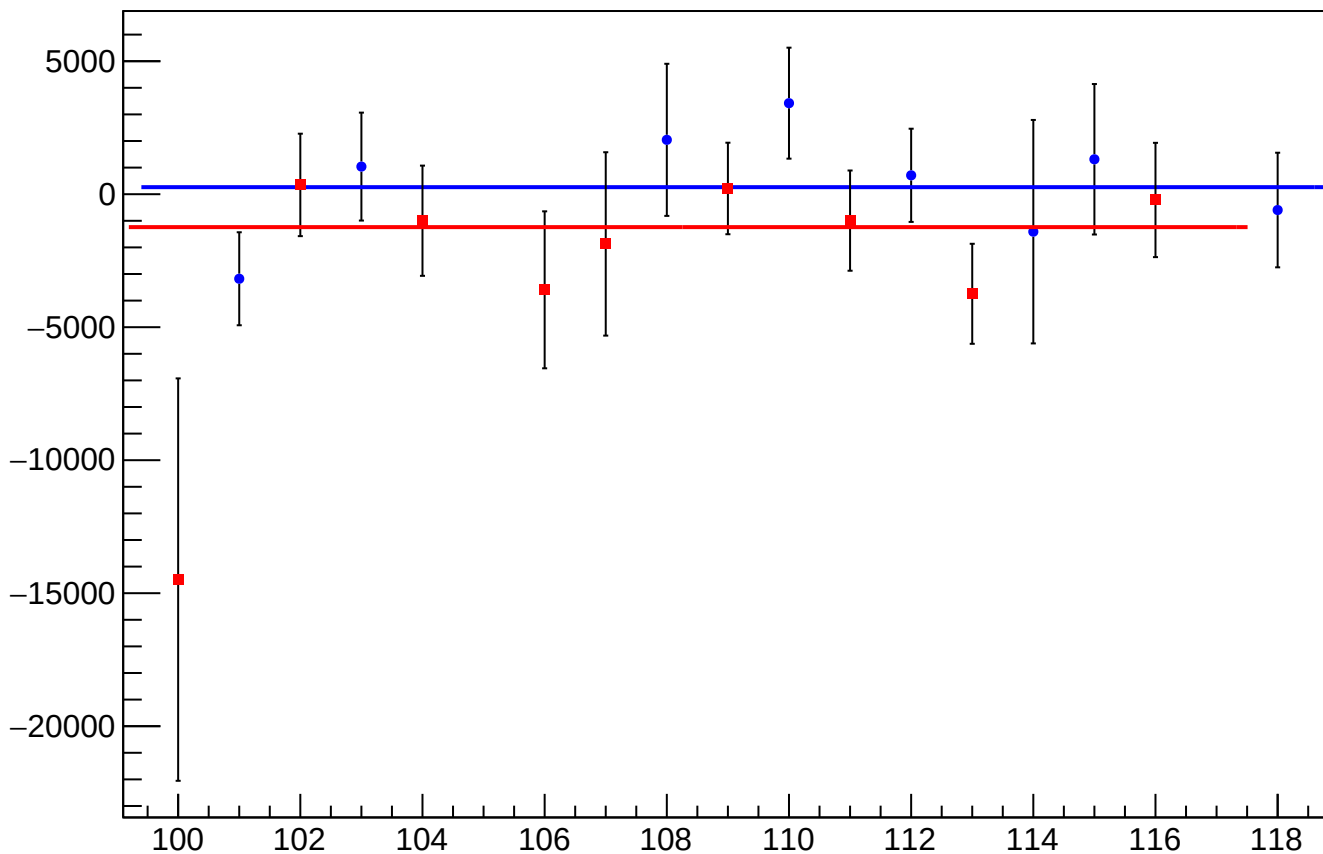
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.118+/-0.029 χ^2/NDF : 562046.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



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: -1237.553+/-737.566 χ^2/NDF : 7.2/8

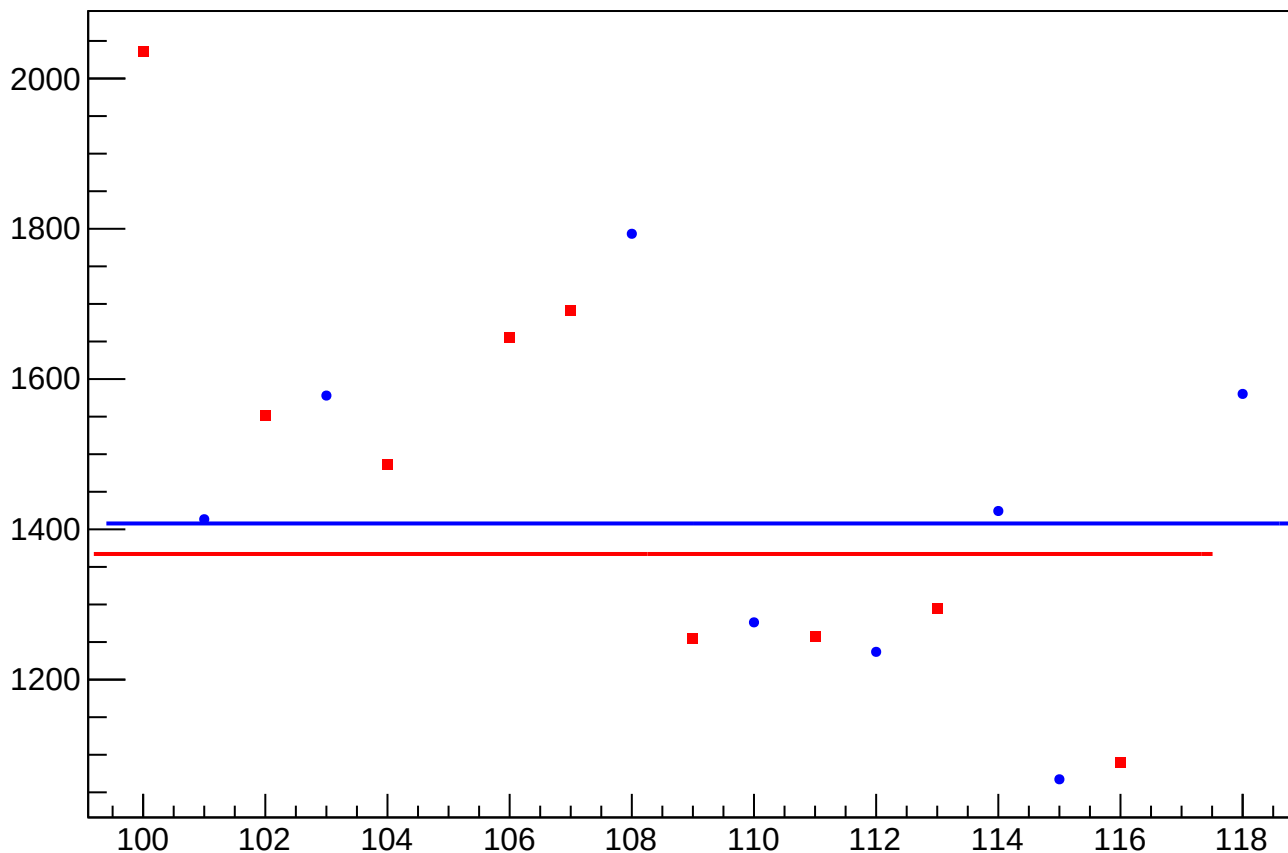
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -528.011+/-535.790 χ^2/NDF : 16.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



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: 1367.213+/-0.522 χ^2/NDF : 128695.4/8

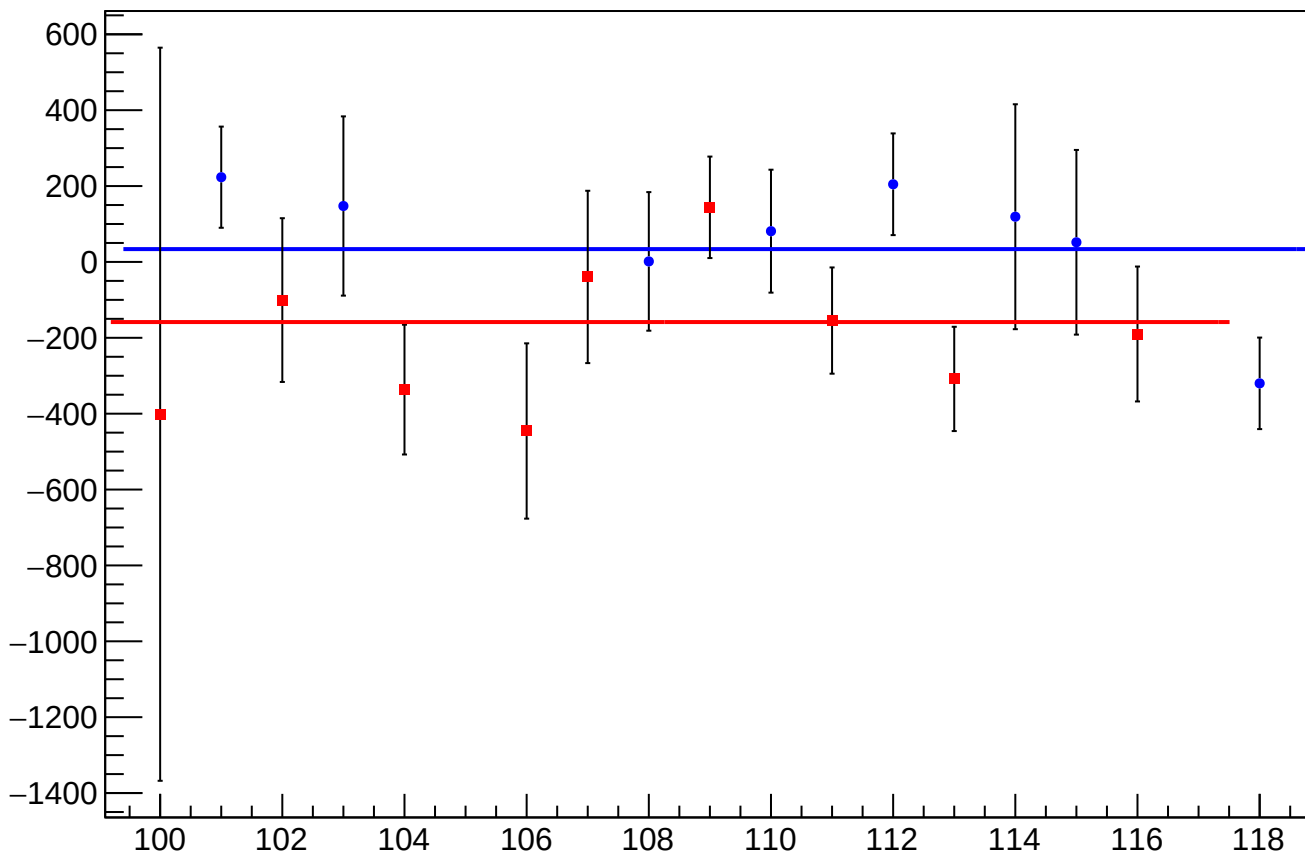
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.392+/-0.379 χ^2/NDF : 250827.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 33.818 $\pm$ 58.238 χ^2 /NDF: 12.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -158.477 $\pm$ 59.100 χ^2 /NDF: 9.4/8

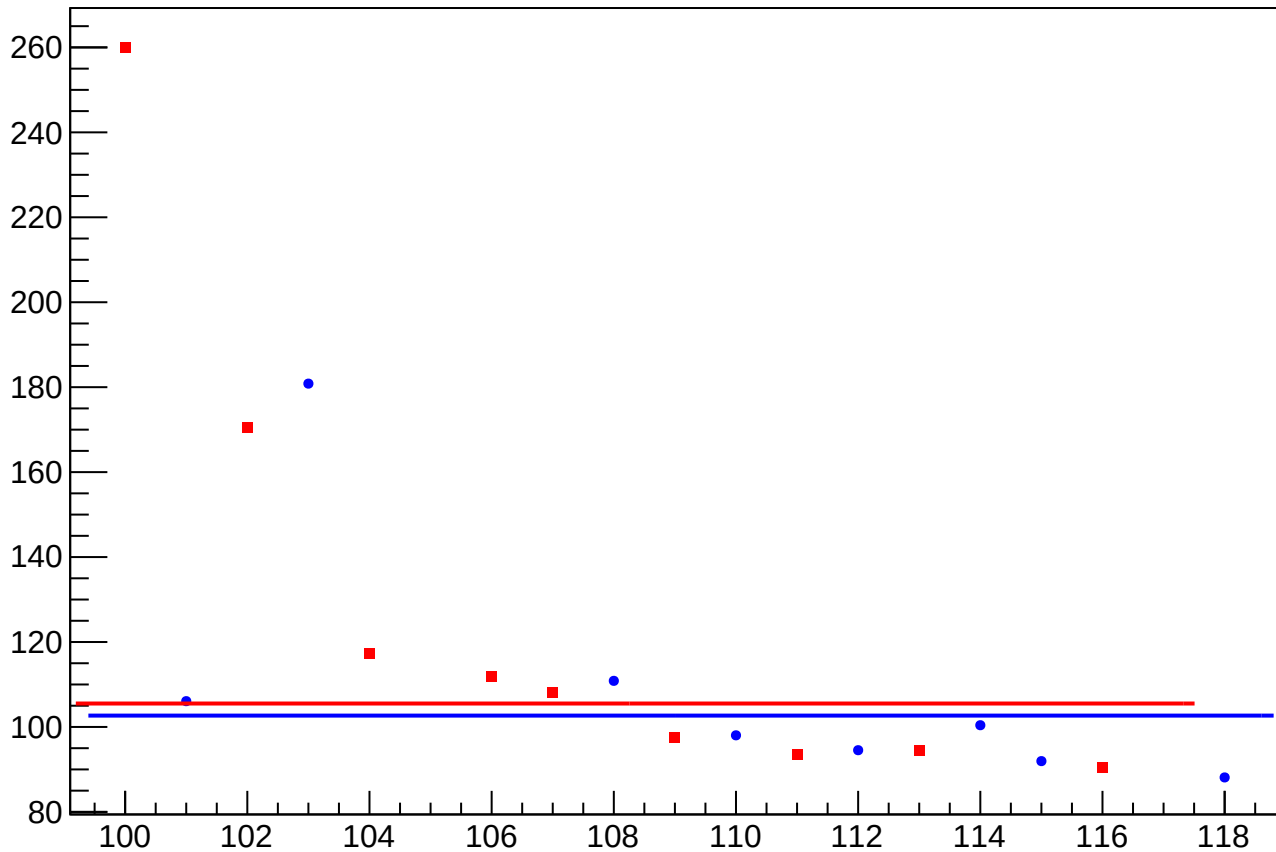
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -60.916 $\pm$ 41.482 χ^2 /NDF: 27.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 102.673 $\pm$ 0.041 χ^2 /NDF: 266402.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.518 $\pm$ 0.042 χ^2 /NDF: 292752.9/8

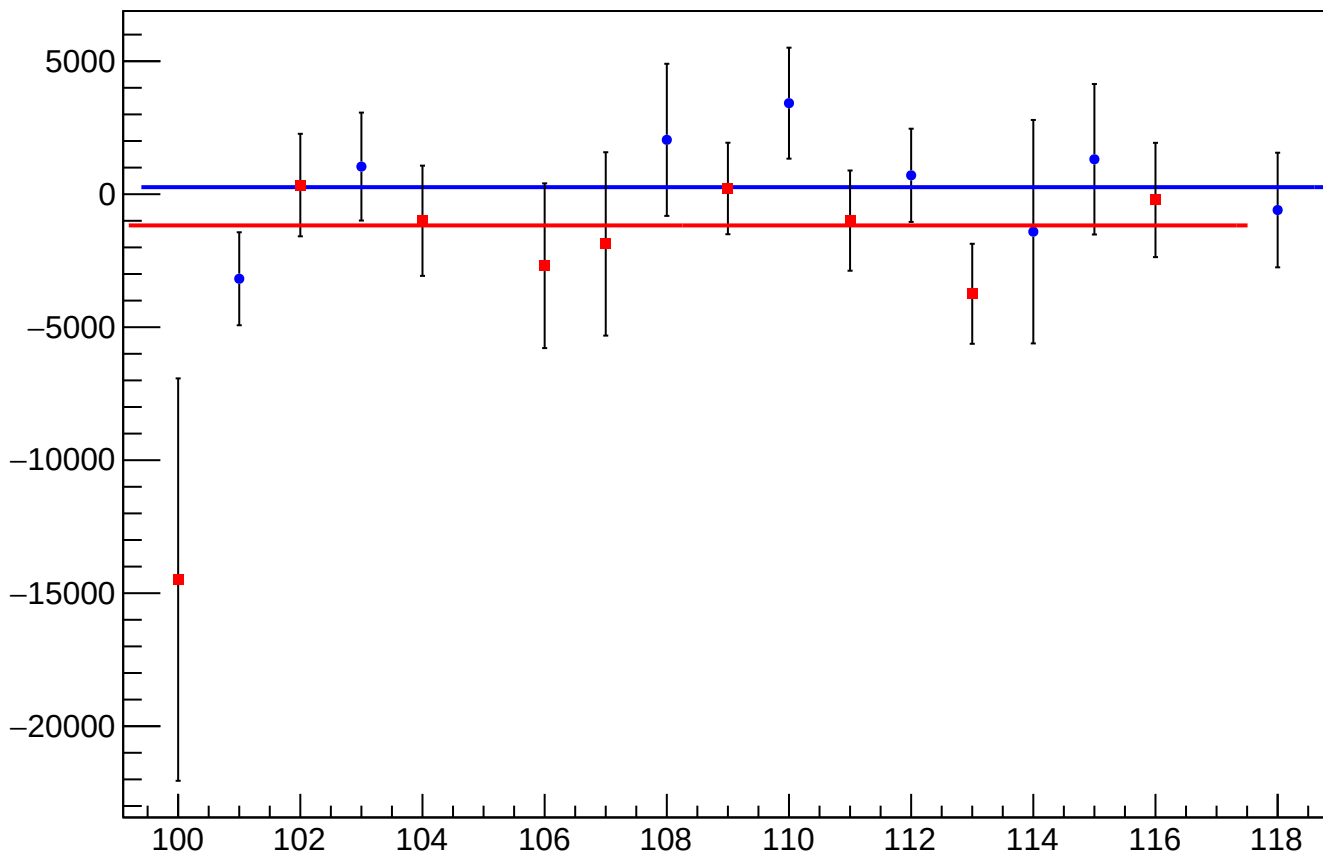
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.075 $\pm$ 0.029 χ^2 /NDF: 561507.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



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: -1173.571+/-739.761 χ^2/NDF : 6.7/8

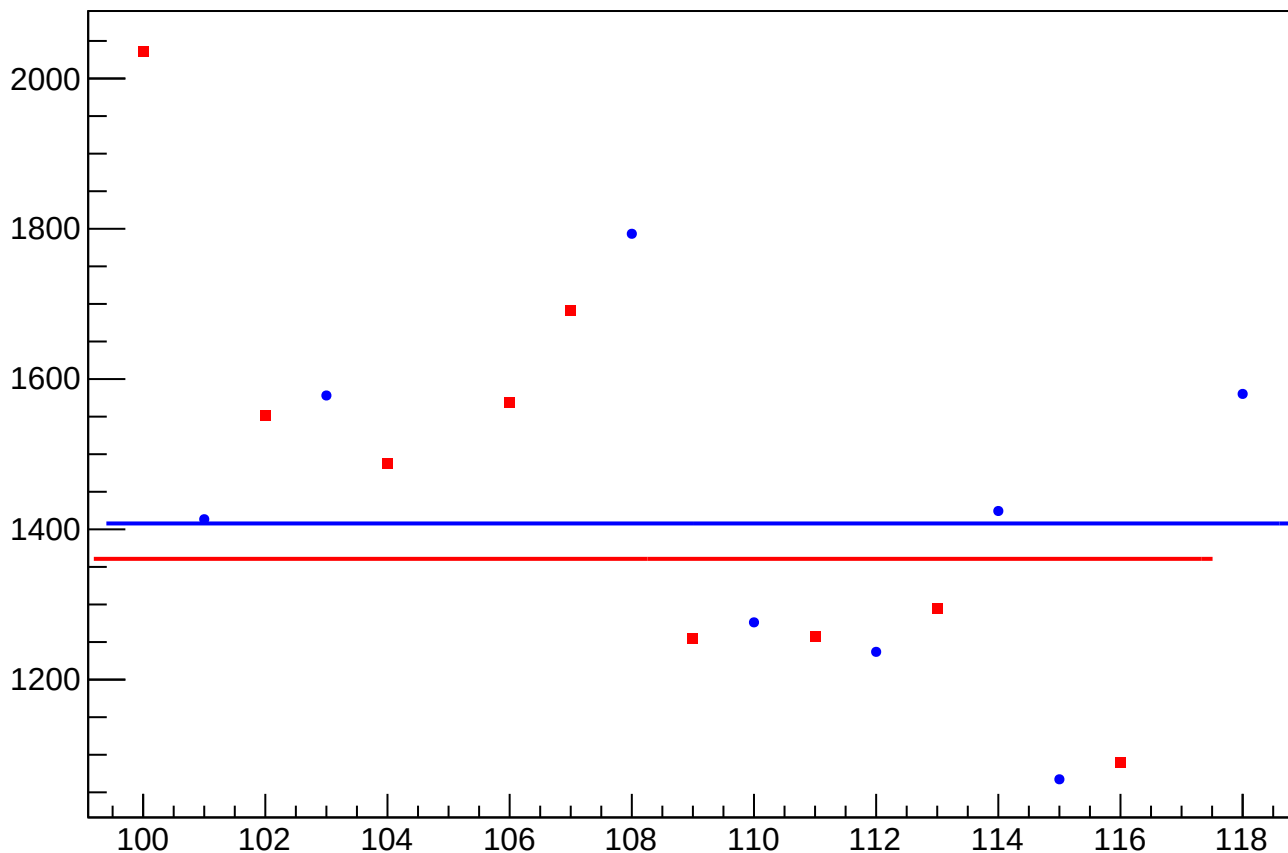
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.075+/-536.632 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1407.832 $\pm$ 0.551 χ^2 /NDF: 119285.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.734 $\pm$ 0.523 χ^2 /NDF: 118153.5/8

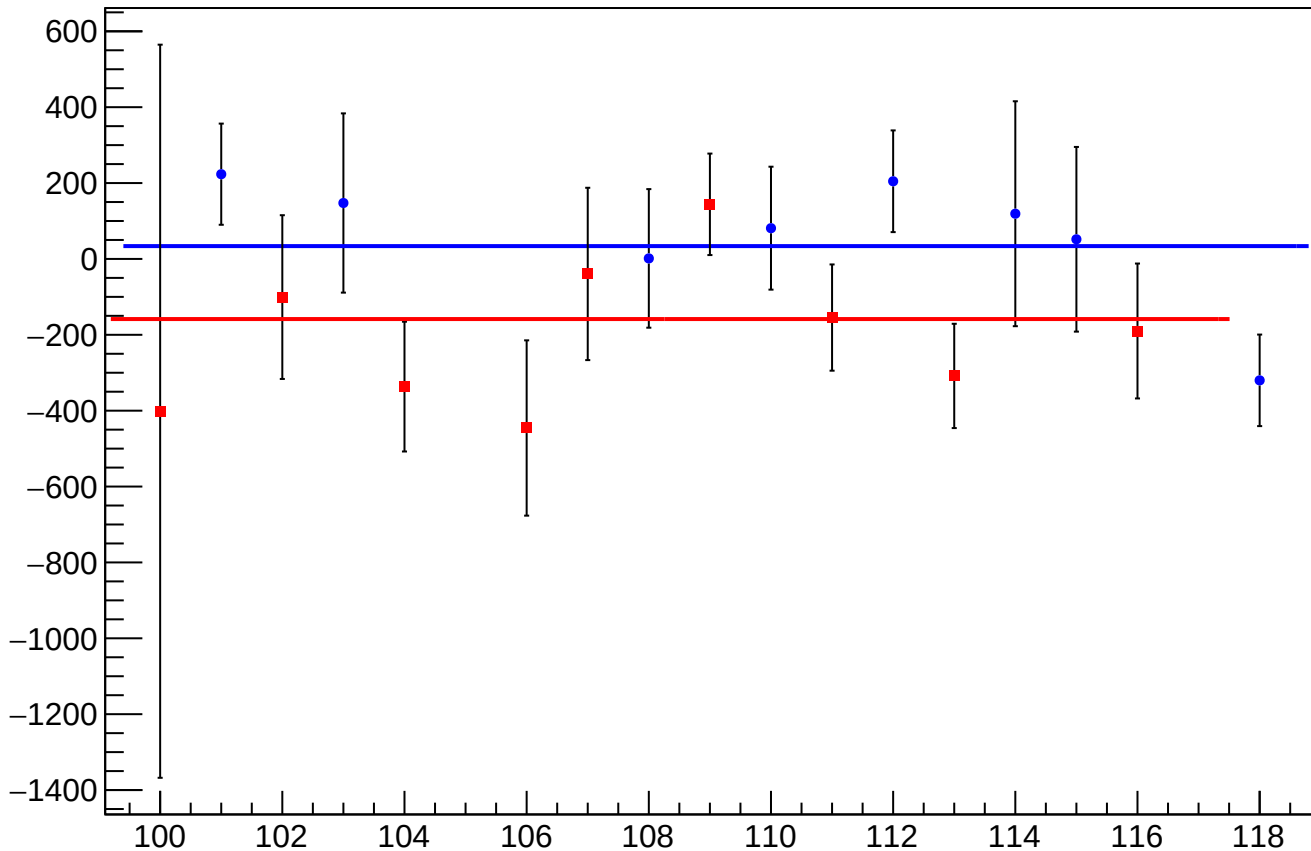
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1383.048 $\pm$ 0.379 χ^2 /NDF: 241279.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



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: -158.477+/-59.100 χ^2/NDF : 9.4/8

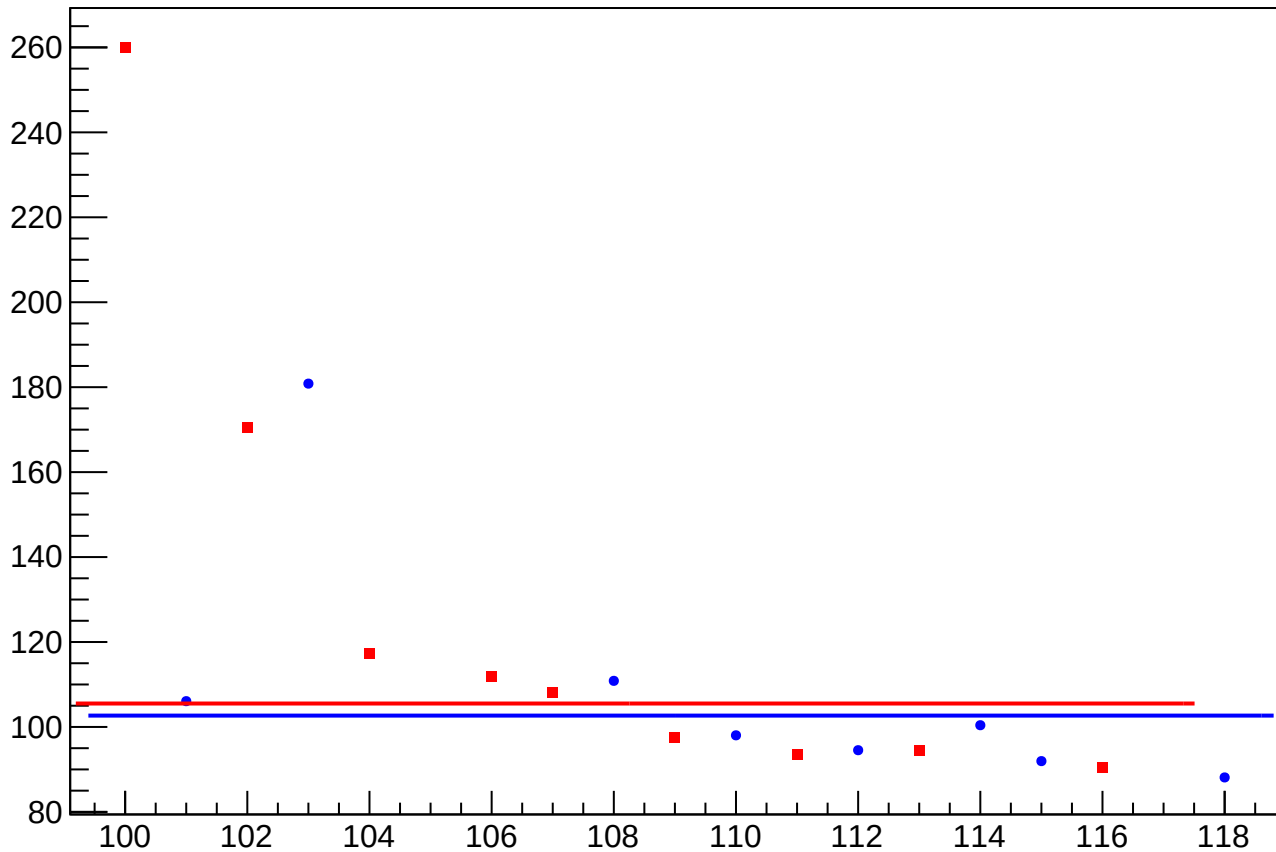
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -60.916+/-41.482 χ^2/NDF : 27.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 102.673 $\pm$ 0.041 χ^2 /NDF: 266402.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 105.518 $\pm$ 0.042 χ^2 /NDF: 292752.9/8

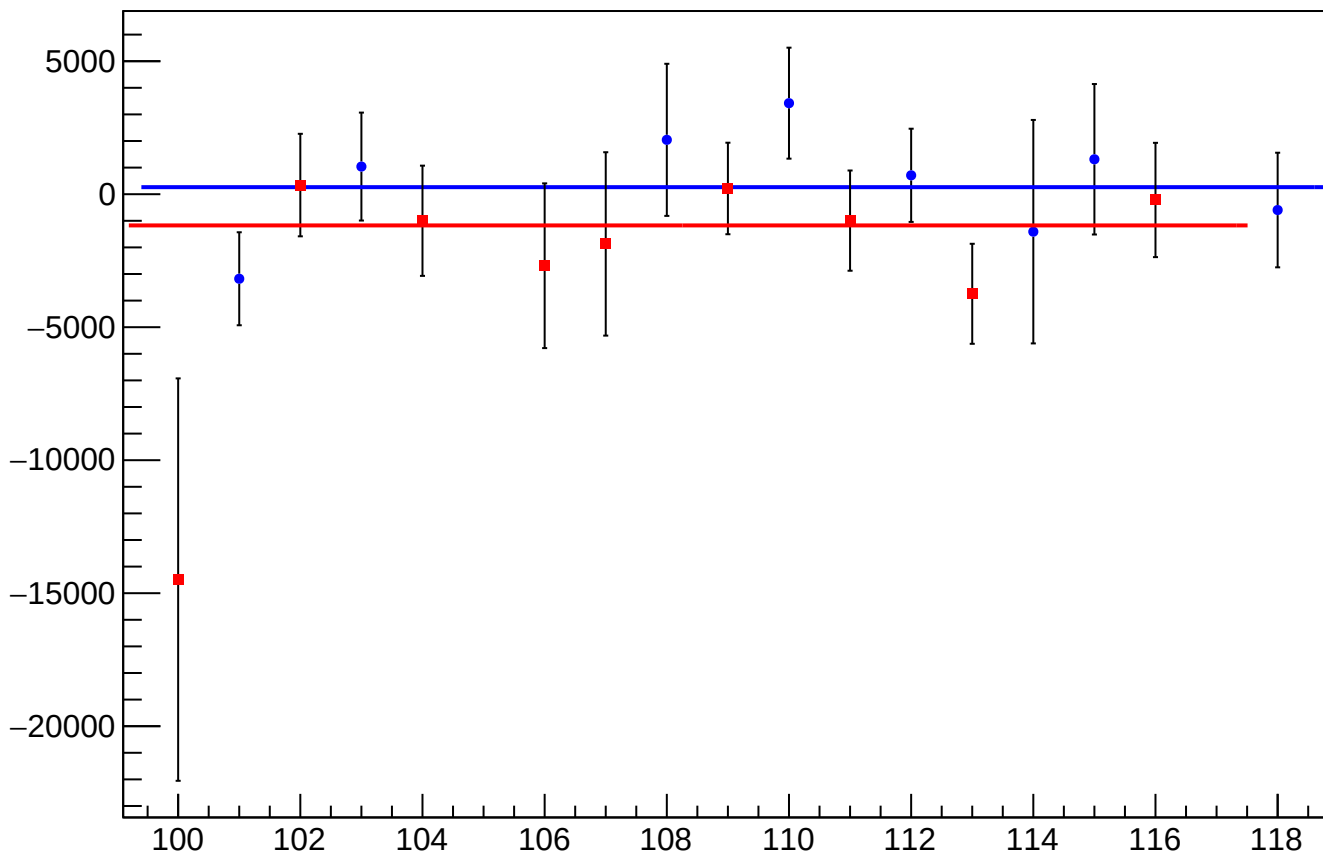
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.075 $\pm$ 0.029 χ^2 /NDF: 561507.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



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: -1173.571+/-739.761 χ^2/NDF : 6.7/8

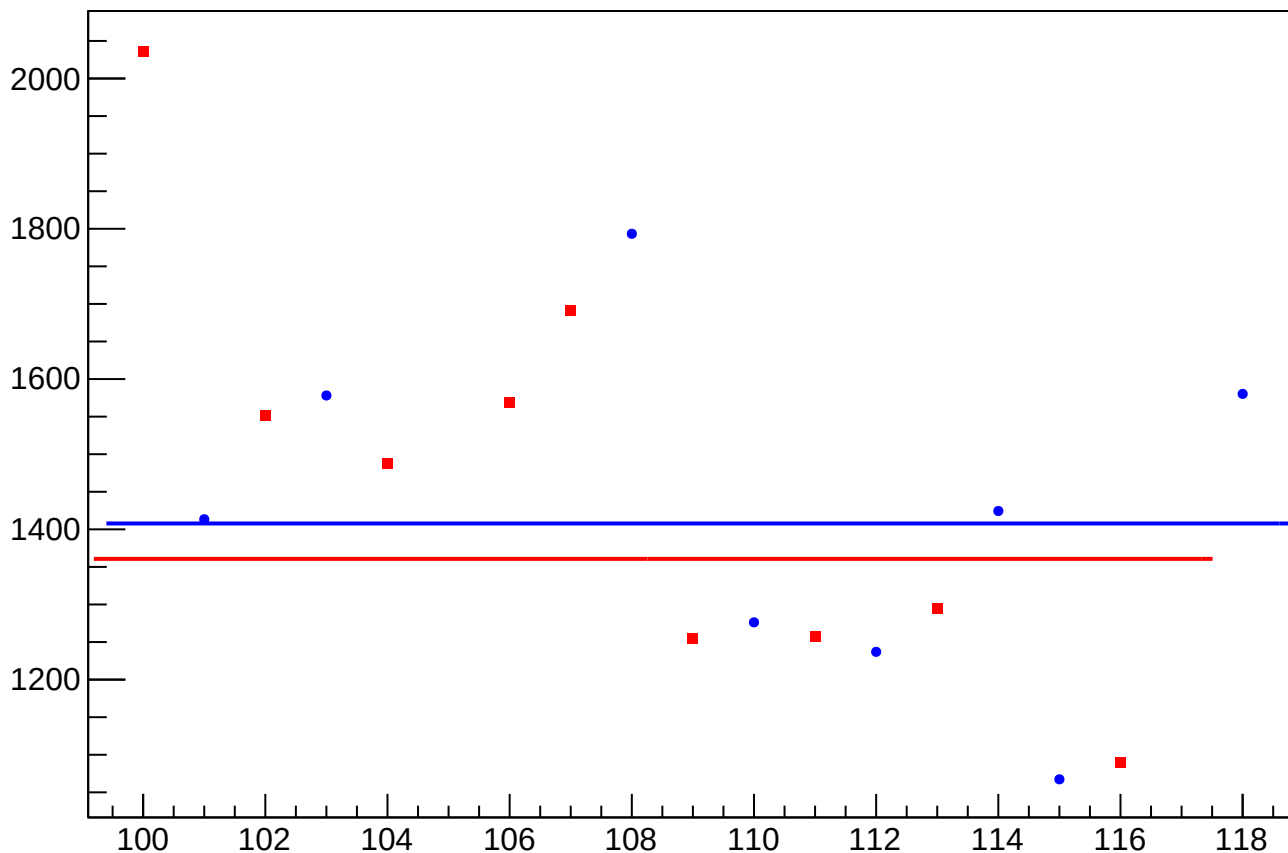
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.075+/-536.632 χ^2/NDF : 15.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1407.832 $\pm$ 0.551 χ^2 /NDF: 119285.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1360.734 $\pm$ 0.523 χ^2 /NDF: 118153.5/8

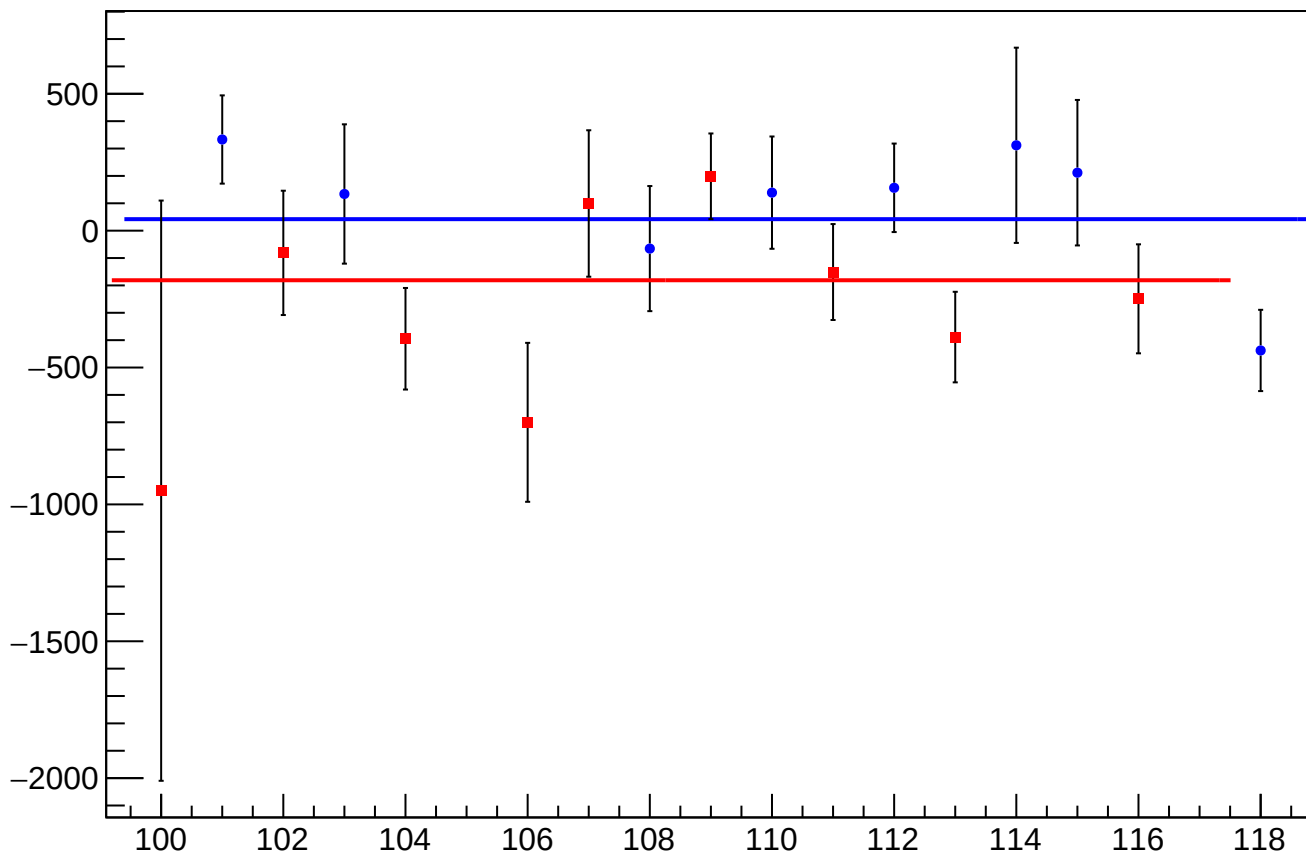
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1383.048 $\pm$ 0.379 χ^2 /NDF: 241279.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



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: -181.143+/-68.948 χ^2/NDF : 14.0/8

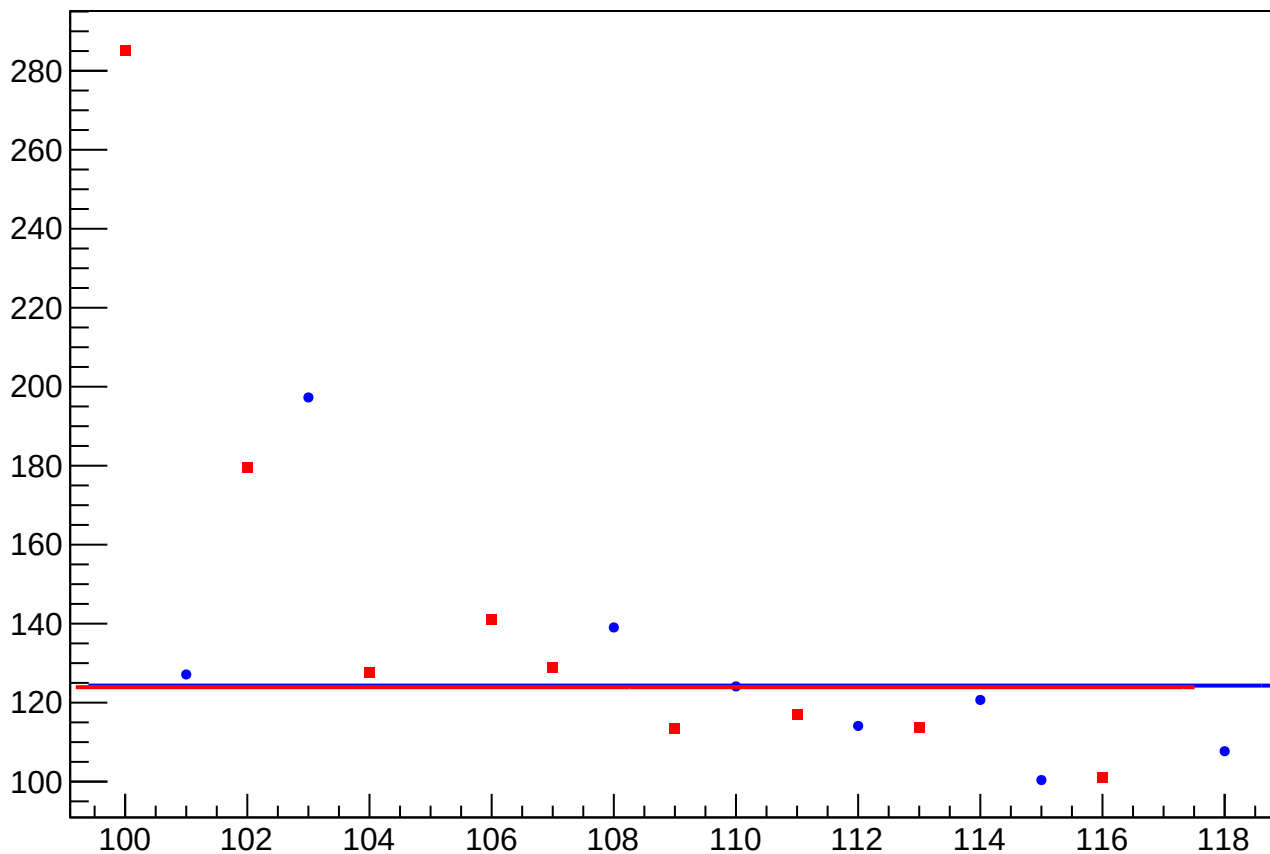
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.680+/-49.214 χ^2/NDF : 34.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



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: 123.915+/-0.049 χ^2/NDF : 220889.2/8

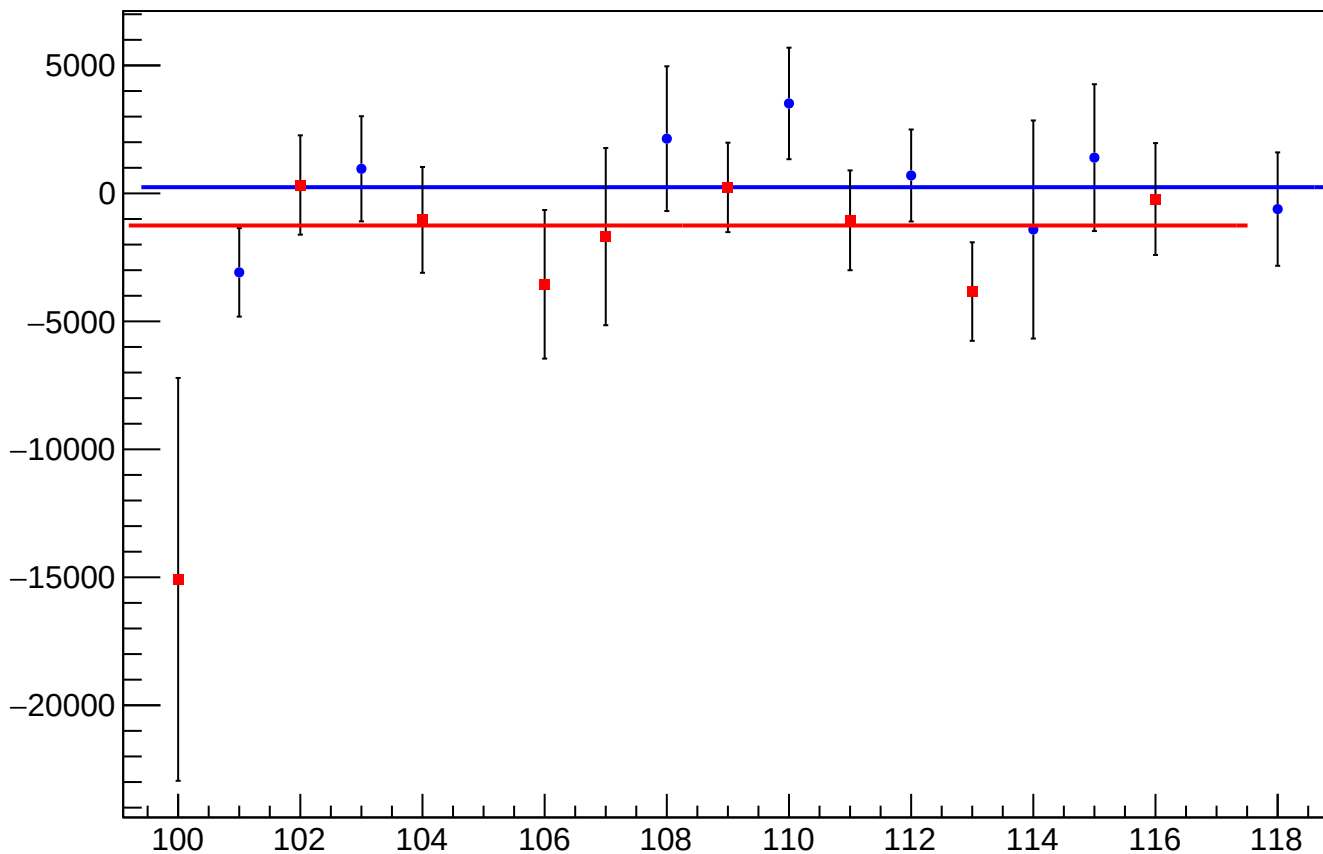
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.111+/-0.035 χ^2/NDF : 443694.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: 242.561 $\pm$ 791.173 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1253.804 $\pm$ 747.977 χ^2 /NDF: 7.2/8

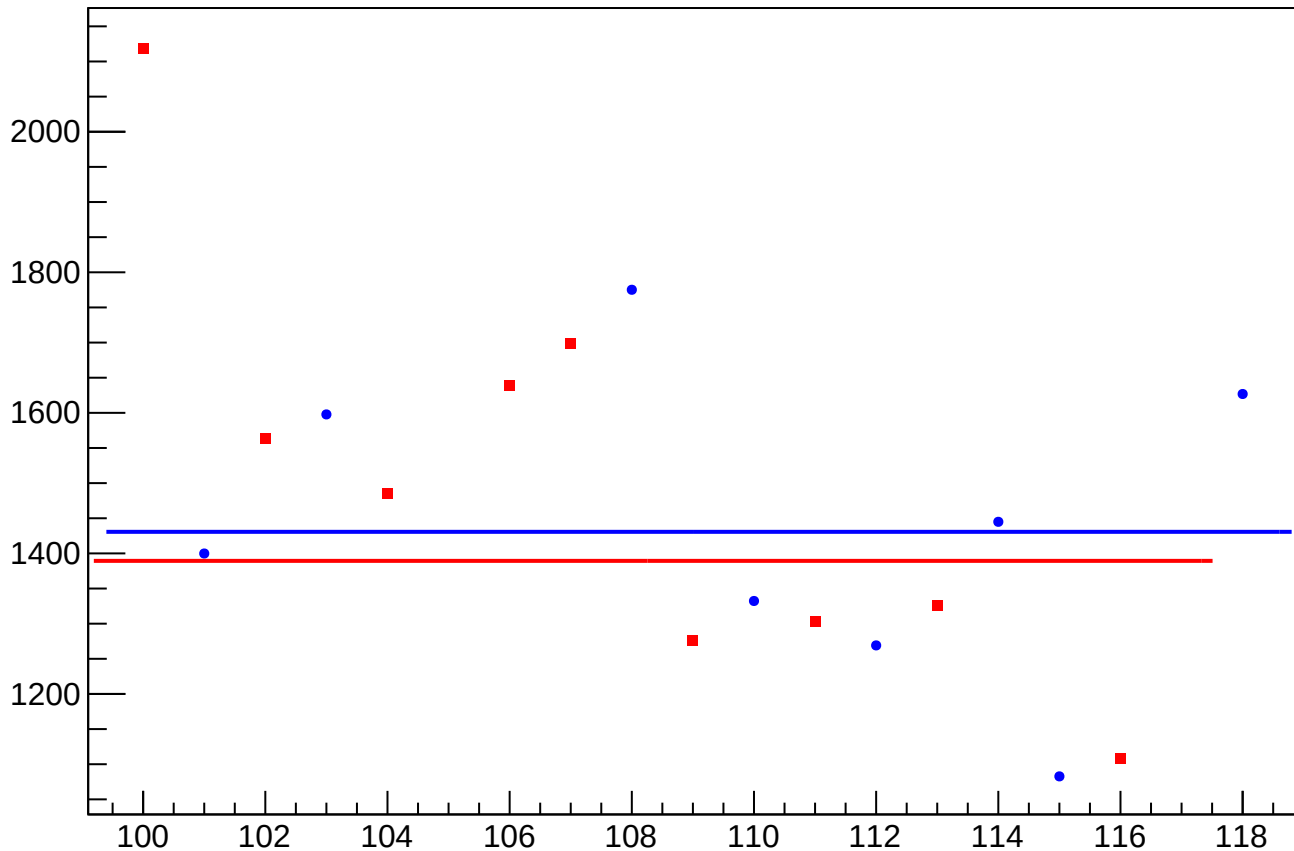
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -547.584 $\pm$ 543.529 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



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: 1389.373+/-0.529 χ^2/NDF : 115698.4/8

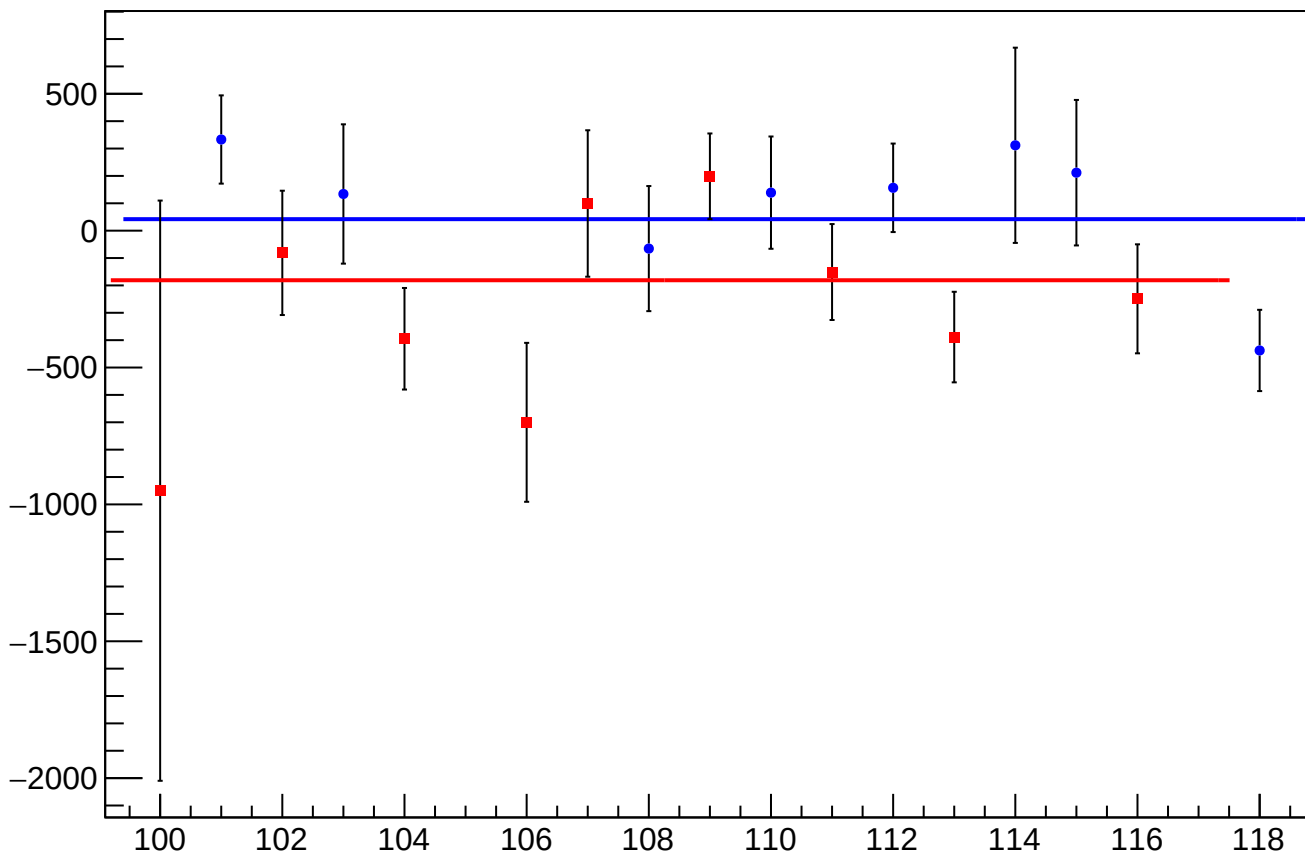
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.874+/-0.384 χ^2/NDF : 227522.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



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: -181.140+/-68.947 χ^2/NDF : 14.0/8

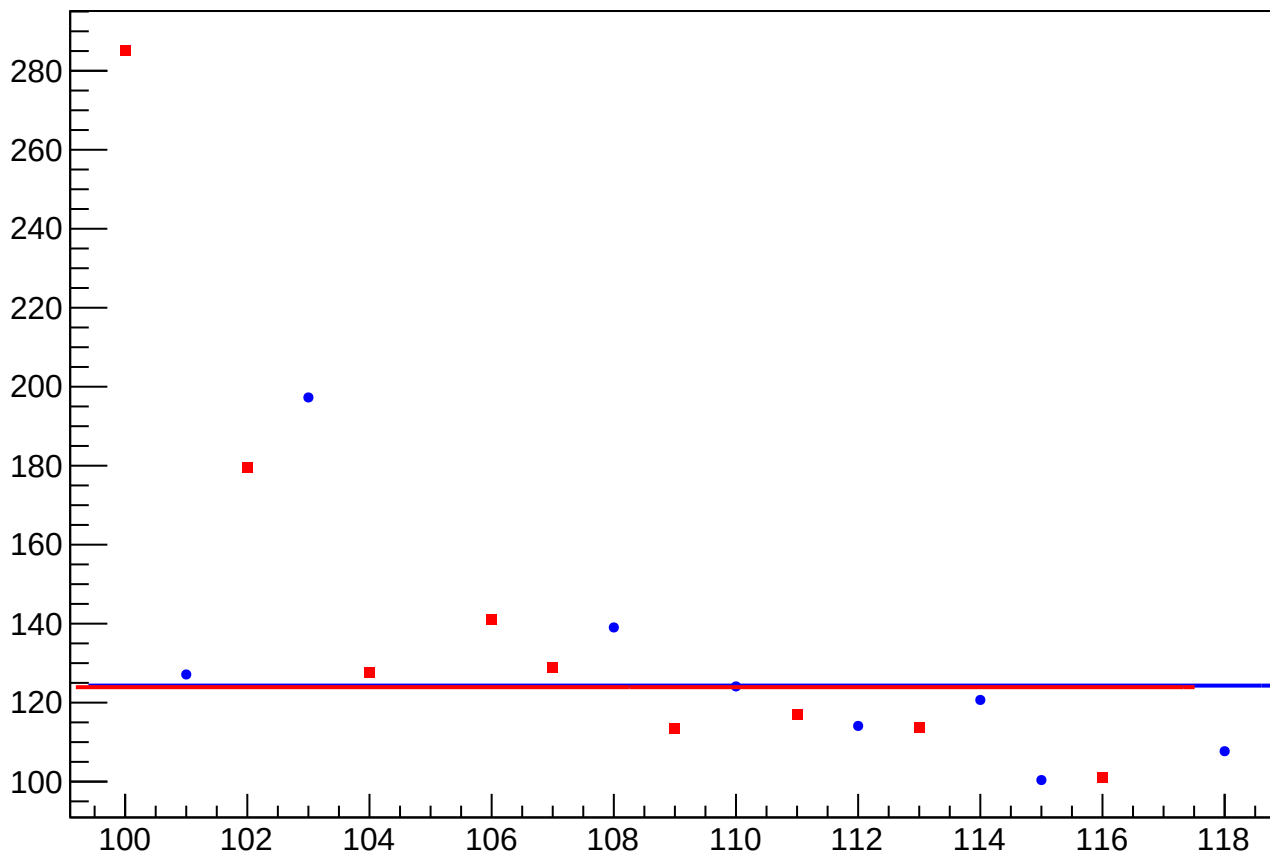
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.680+/-49.214 χ^2/NDF : 34.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



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: 123.914+/-0.049 χ^2/NDF : 220893.5/8

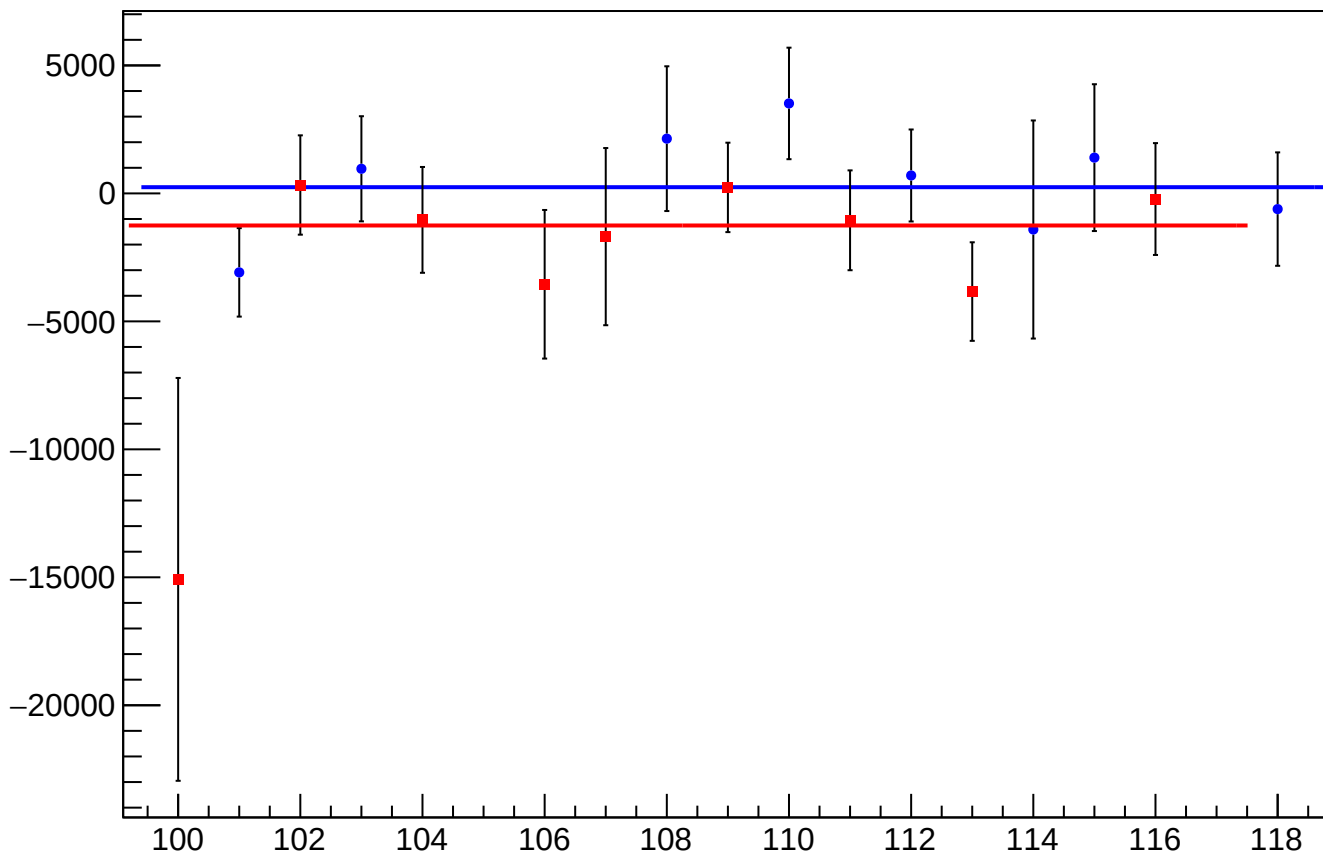
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.110+/-0.035 χ^2/NDF : 443702.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: 242.563 $\pm$ 791.171 χ^2 /NDF: 7.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1253.802 $\pm$ 747.975 χ^2 /NDF: 7.2/8

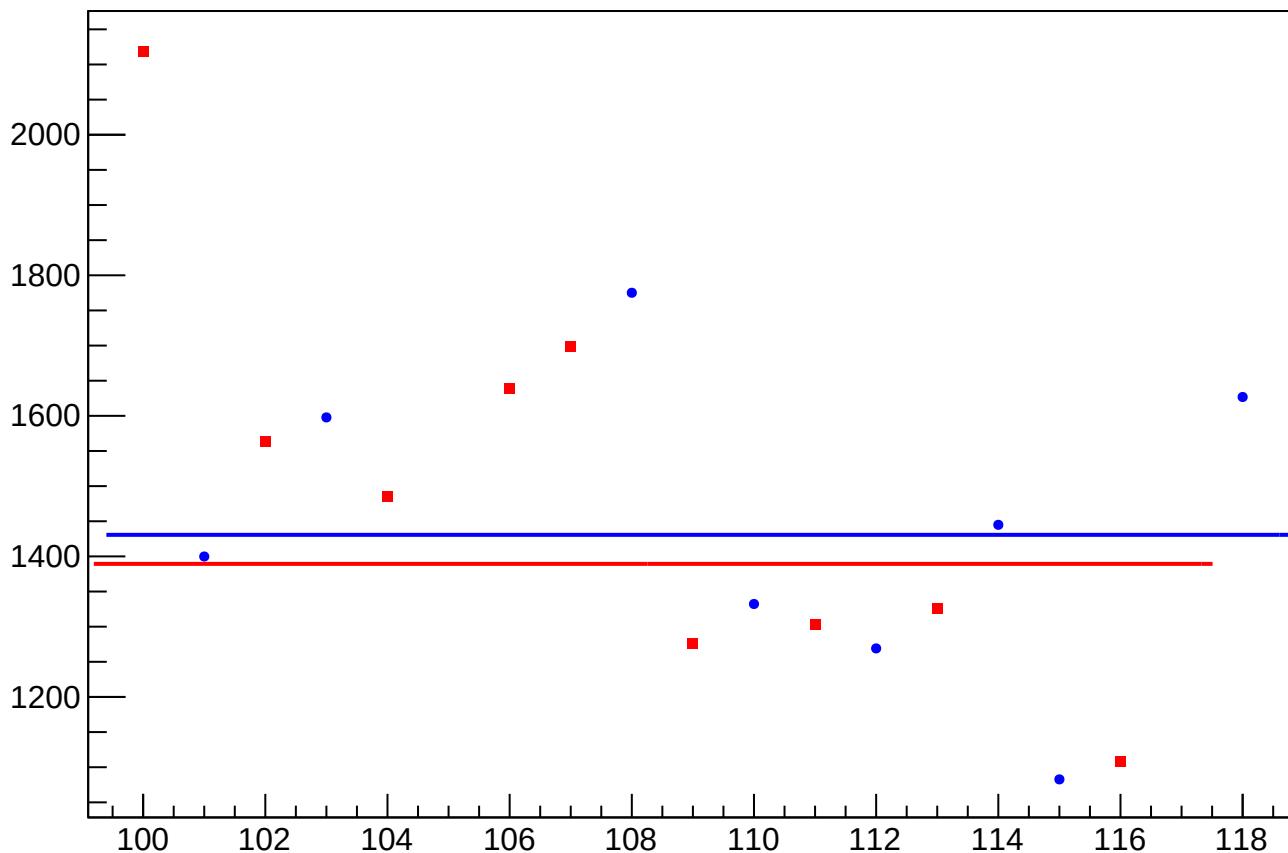
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -547.582 $\pm$ 543.527 χ^2 /NDF: 16.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1430.688 $\pm$ 0.559 χ^2 /NDF: 108944.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1389.368 $\pm$ 0.529 χ^2 /NDF: 115699.2/8

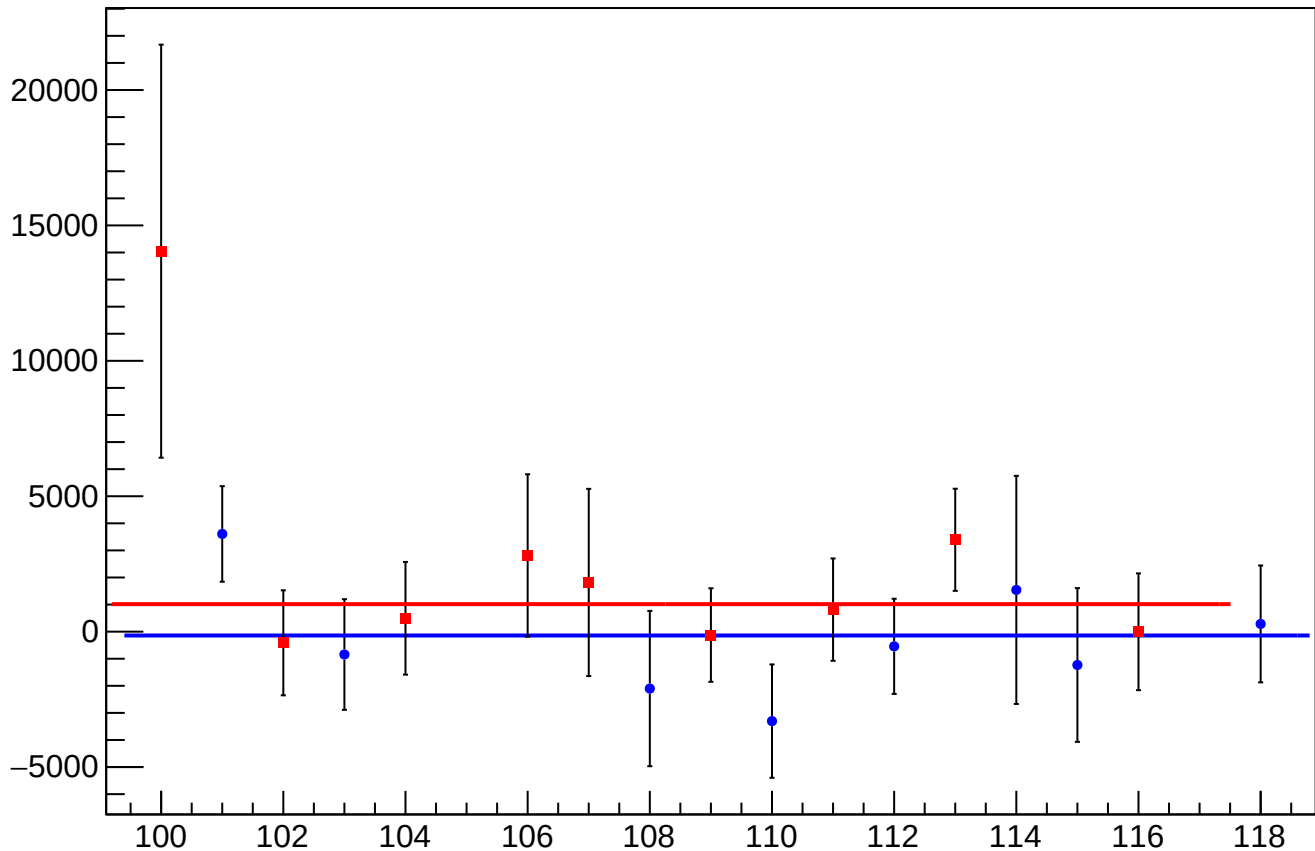
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1408.870 $\pm$ 0.384 χ^2 /NDF: 227524.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



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: 1015.747+/-741.036 χ^2/NDF : 6.2/8

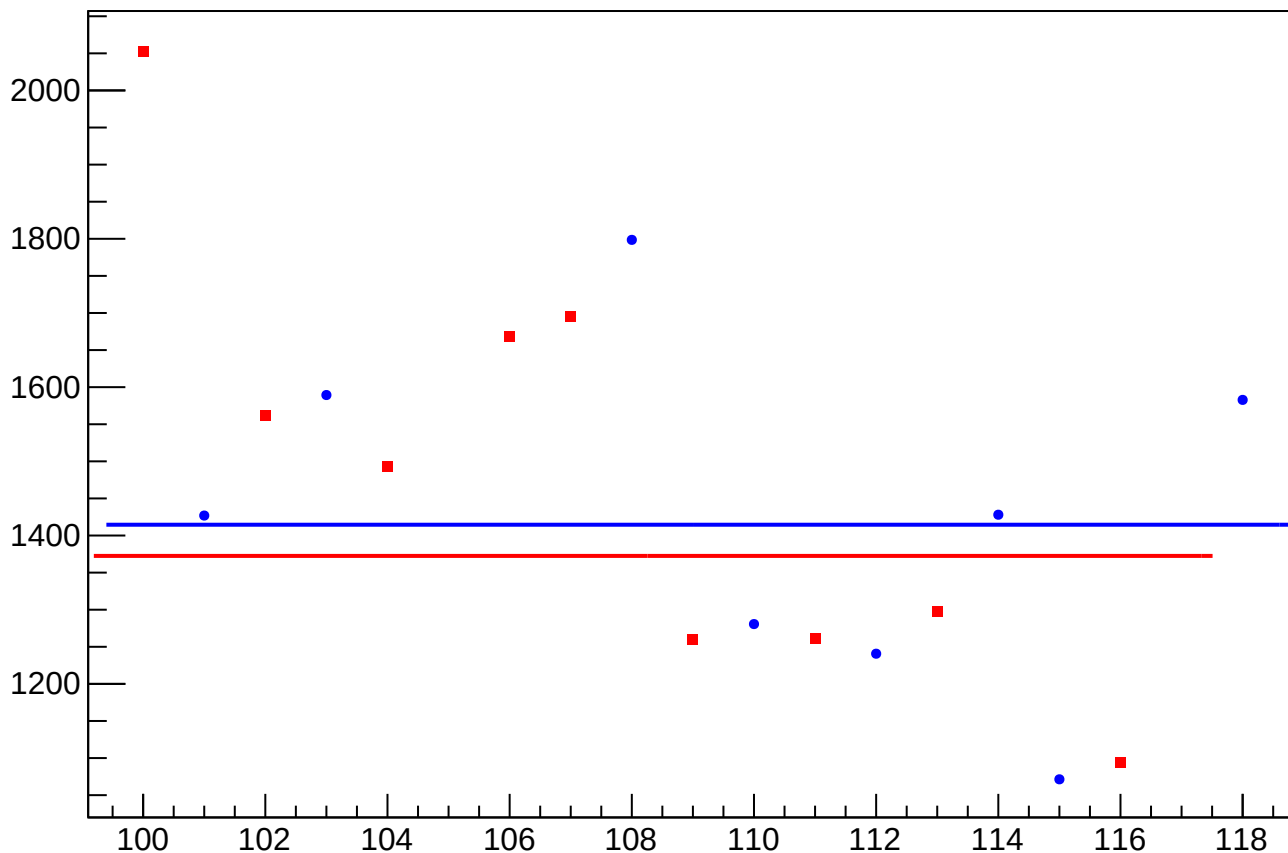
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 468.756+/-538.325 χ^2/NDF : 15.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1414.557 $\pm$ 0.554 χ^2 /NDF: 119785.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1372.522 $\pm$ 0.524 χ^2 /NDF: 130570.3/8

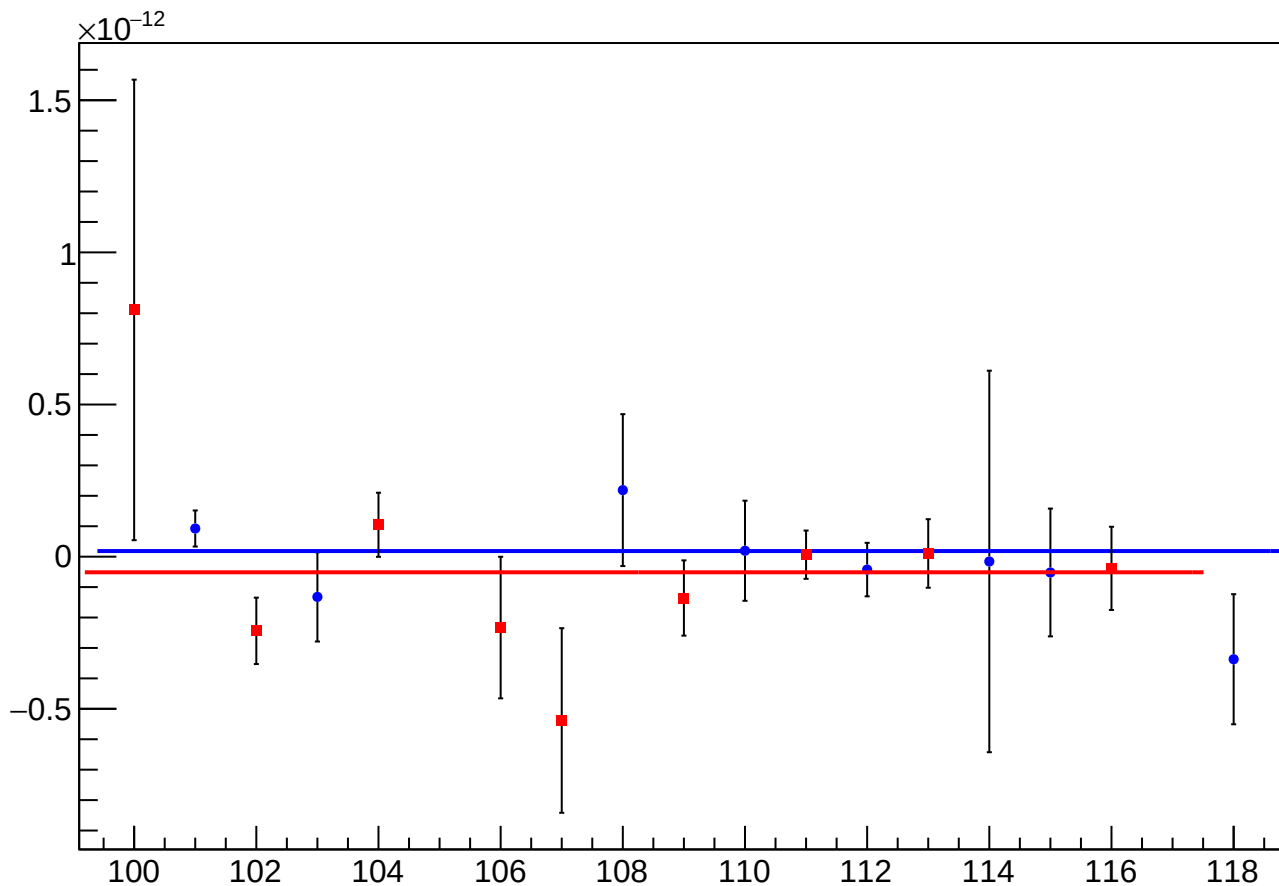
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1392.374 $\pm$ 0.381 χ^2 /NDF: 253395.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



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: 11.1/8

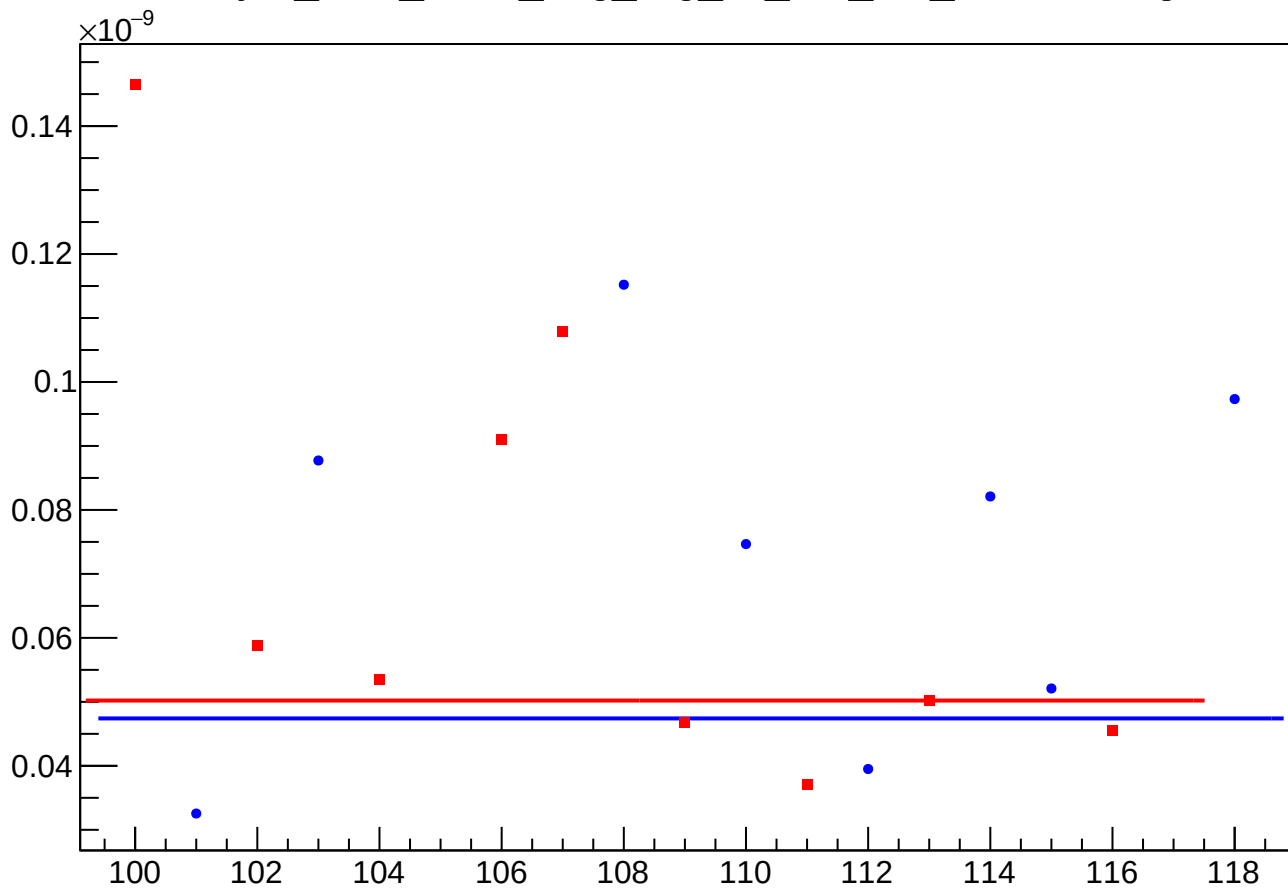
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug



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 : 238738.2/8

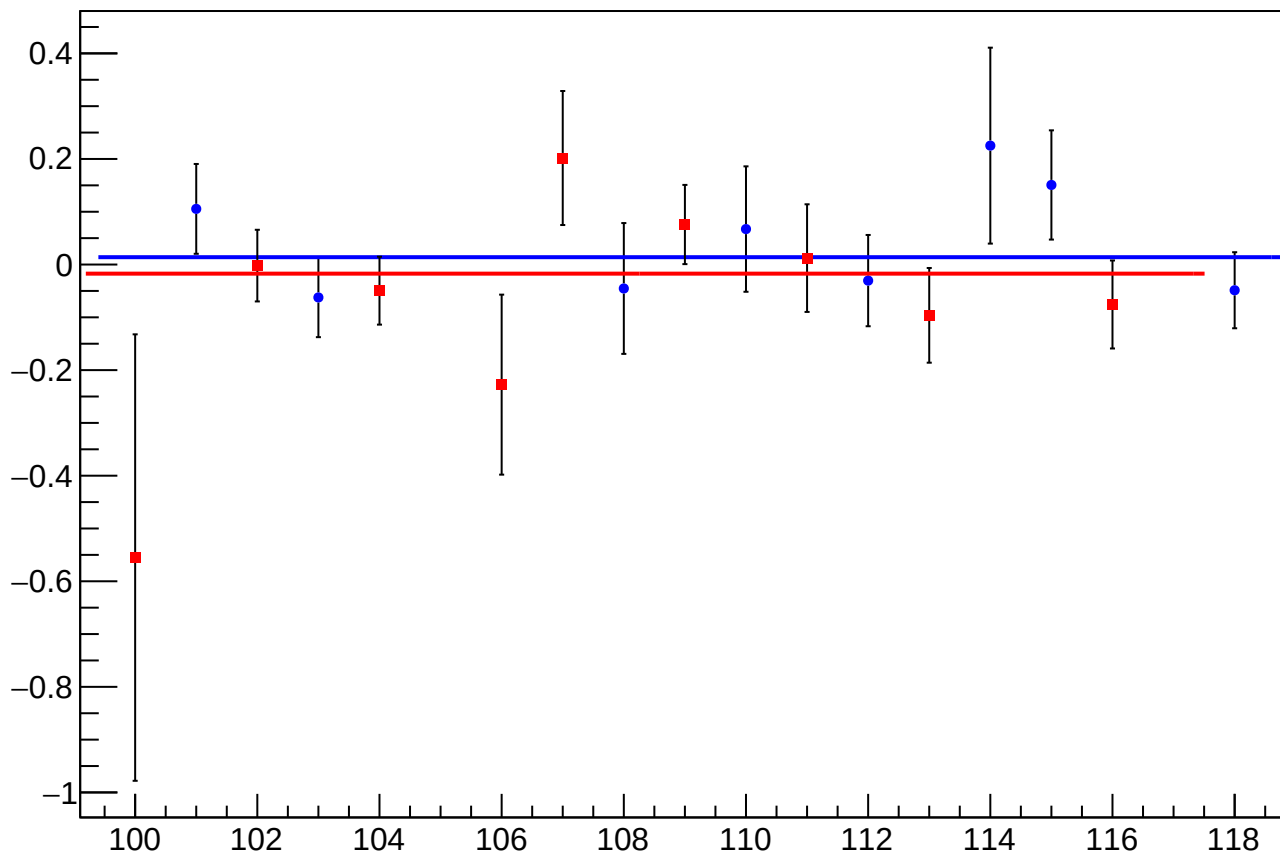
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 854924.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.030 χ^2 /NDF: 9.3/8

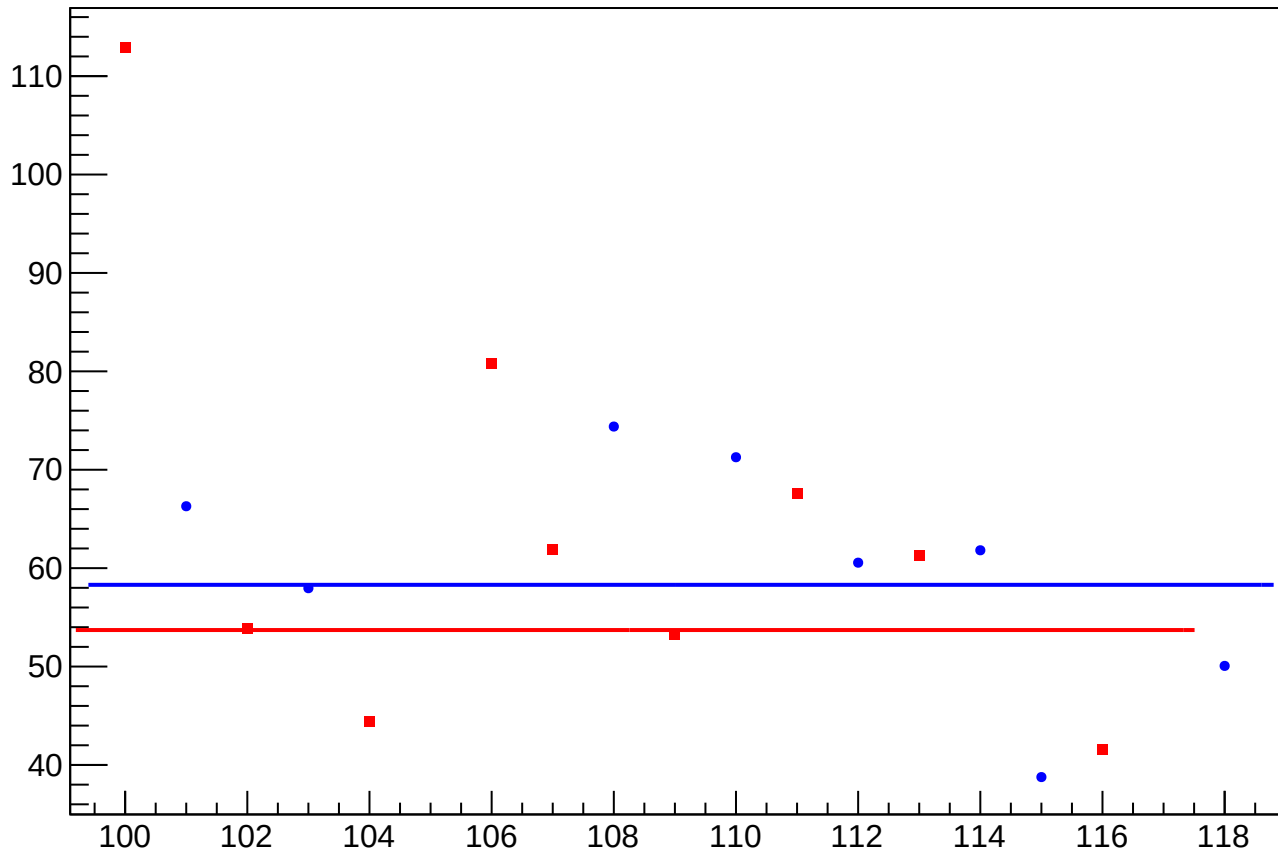
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



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: 53.711+/-0.021 χ^2/NDF : 233322.9/8

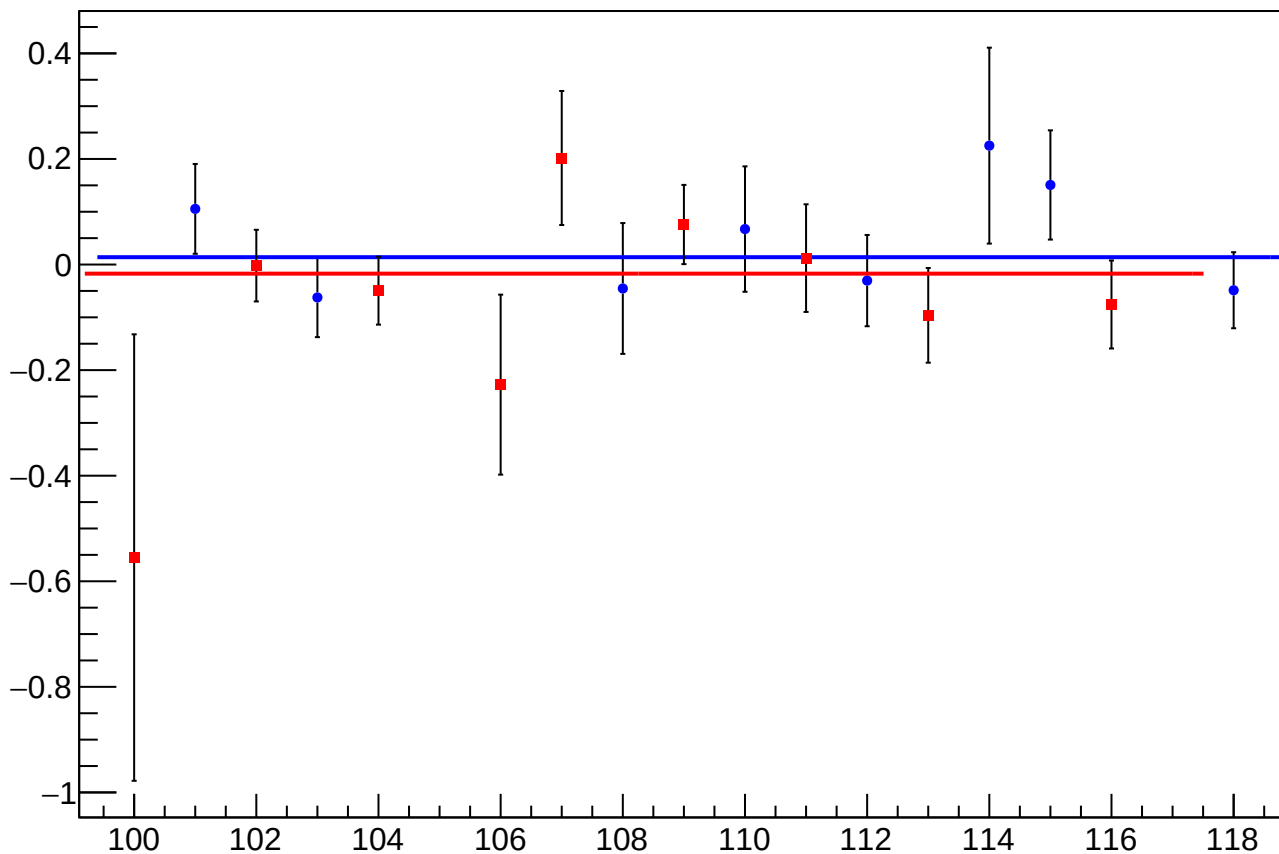
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.775+/-0.016 χ^2/NDF : 428975.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.030 χ^2 /NDF: 9.3/8

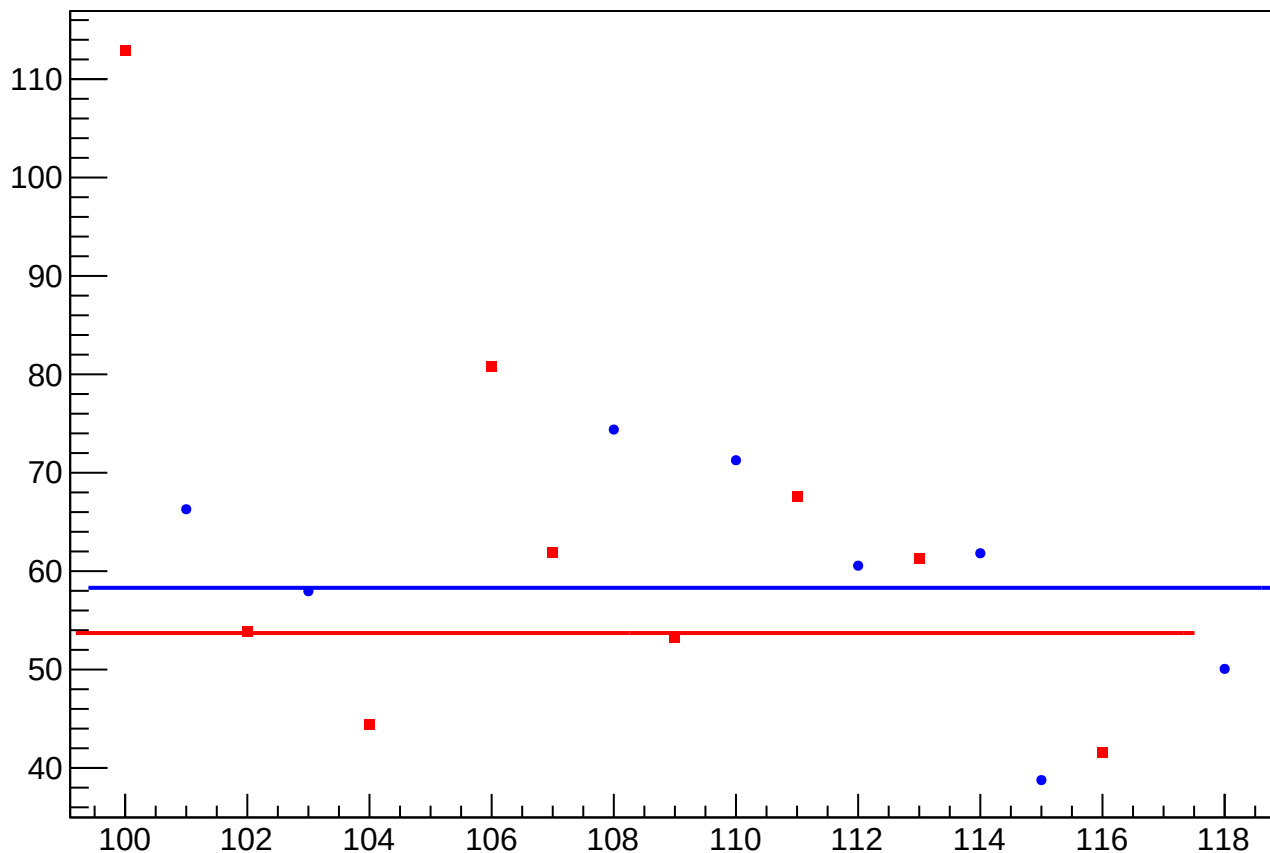
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 53.711+/-0.021 χ^2/NDF : 233322.9/8

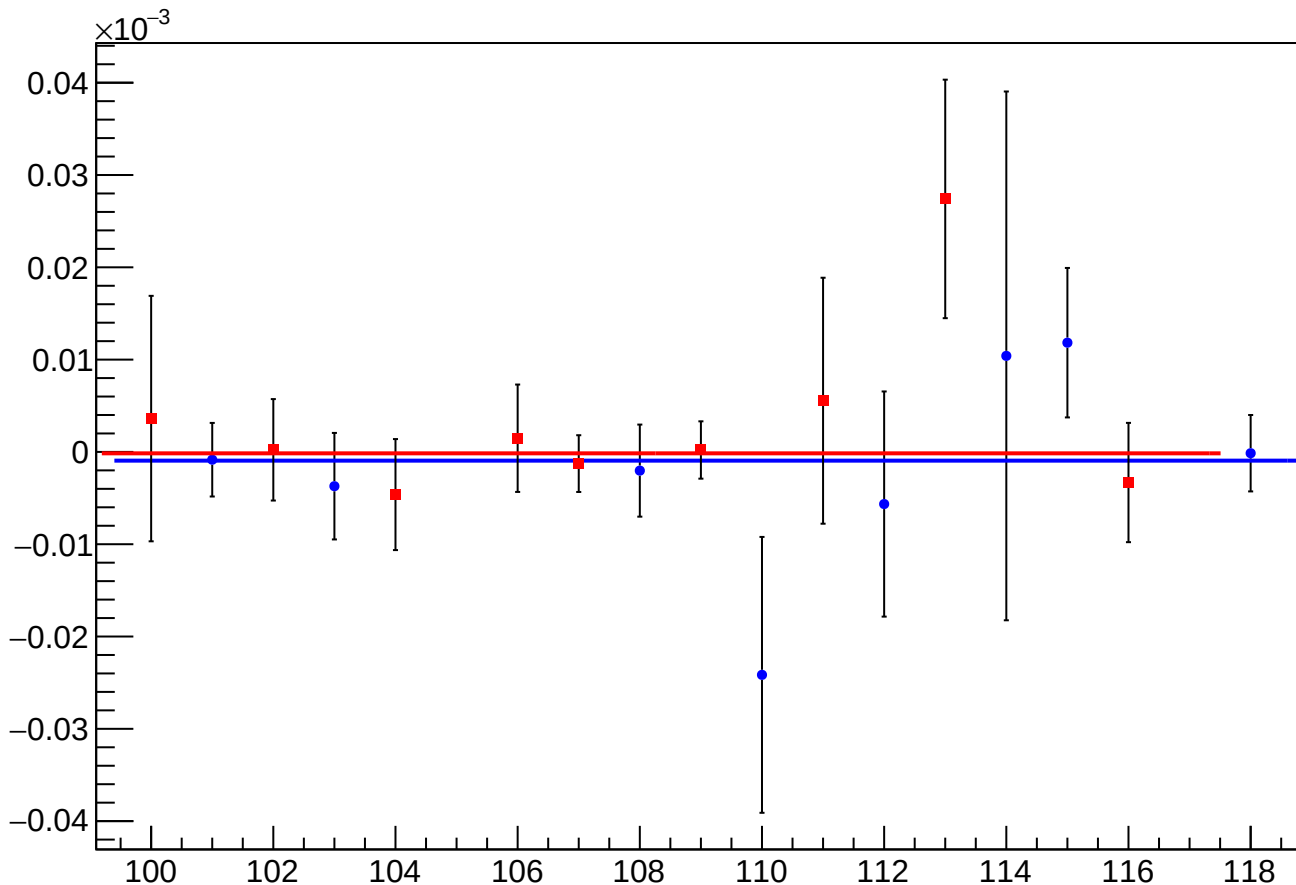
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.775+/-0.016 χ^2/NDF : 428975.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/8

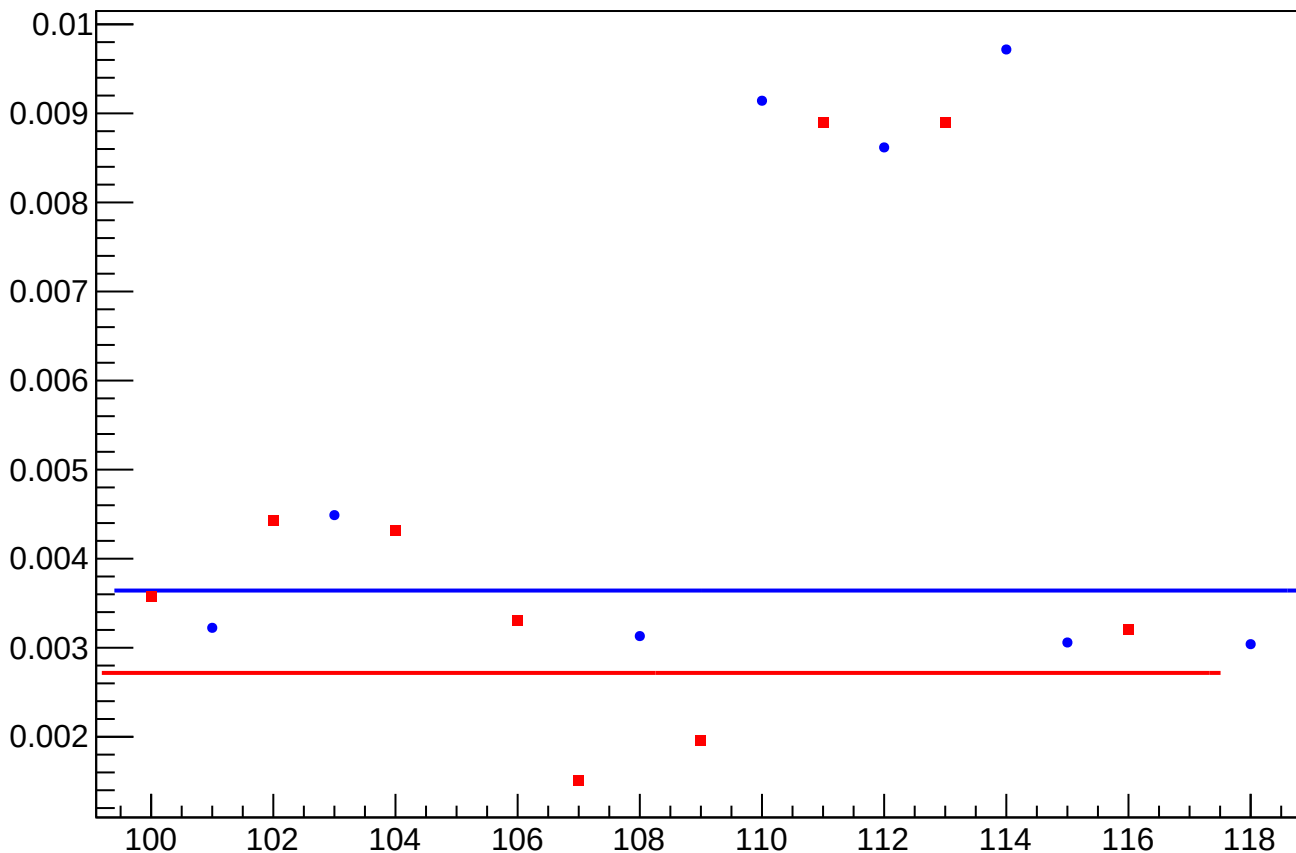
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 832493.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 1691864.0/8

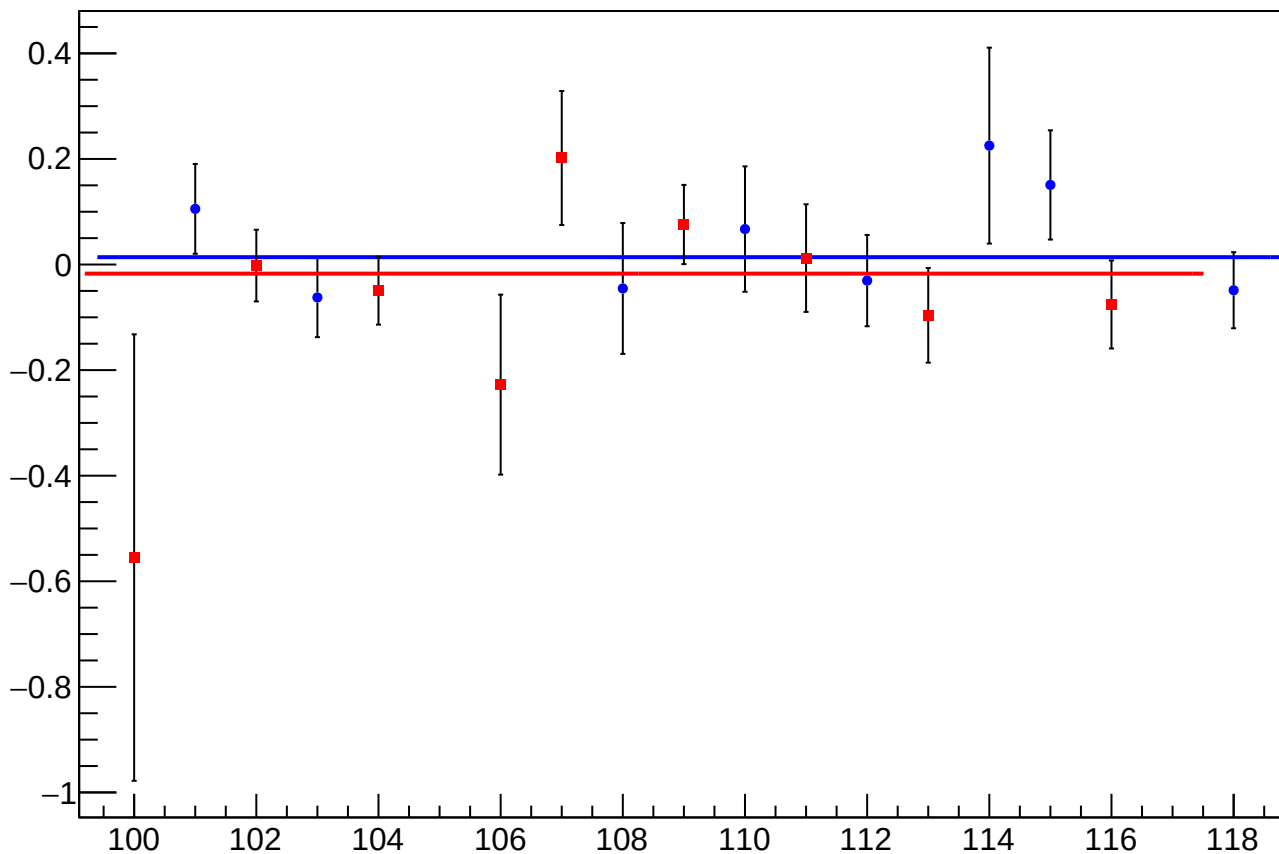
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 2752596.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.030 χ^2 /NDF: 9.3/8

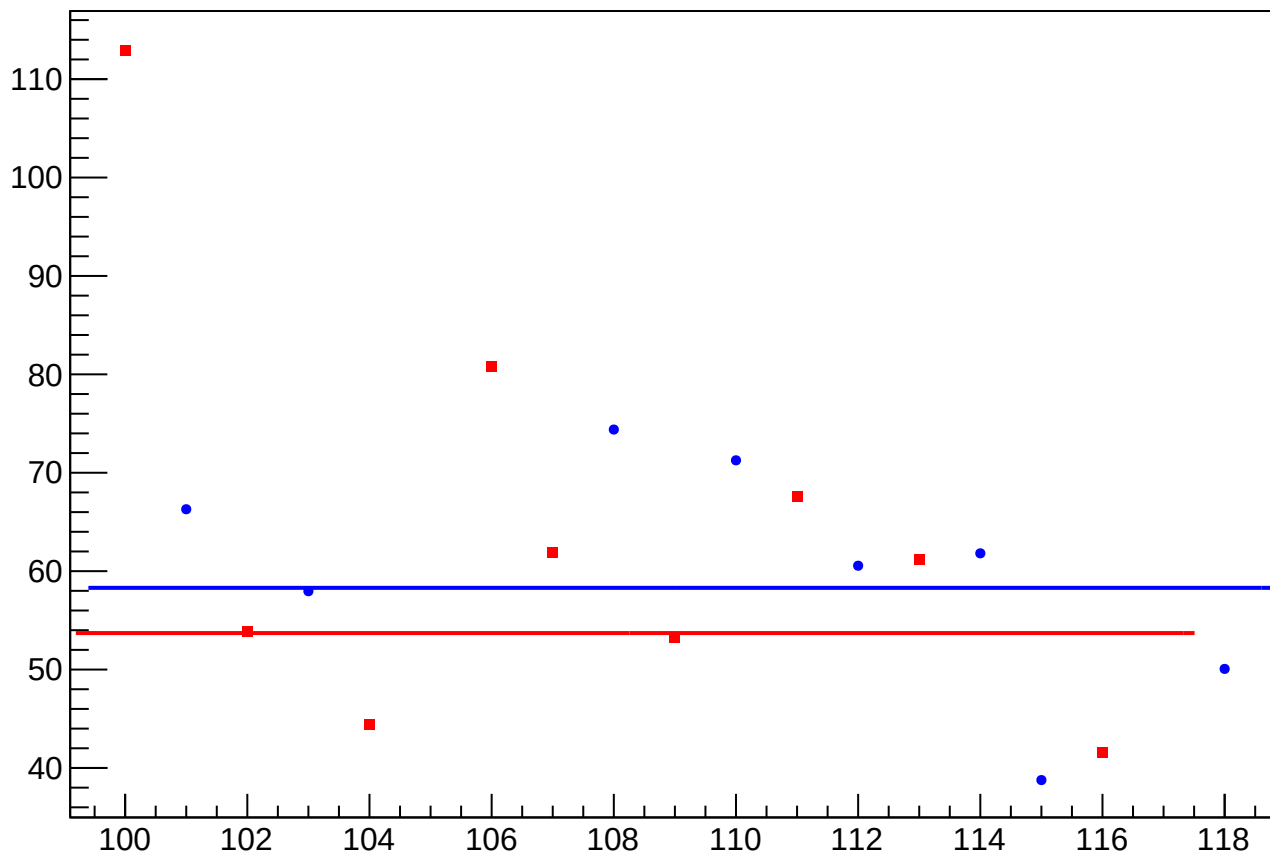
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 53.710+/-0.021 χ^2/NDF : 233272.1/8

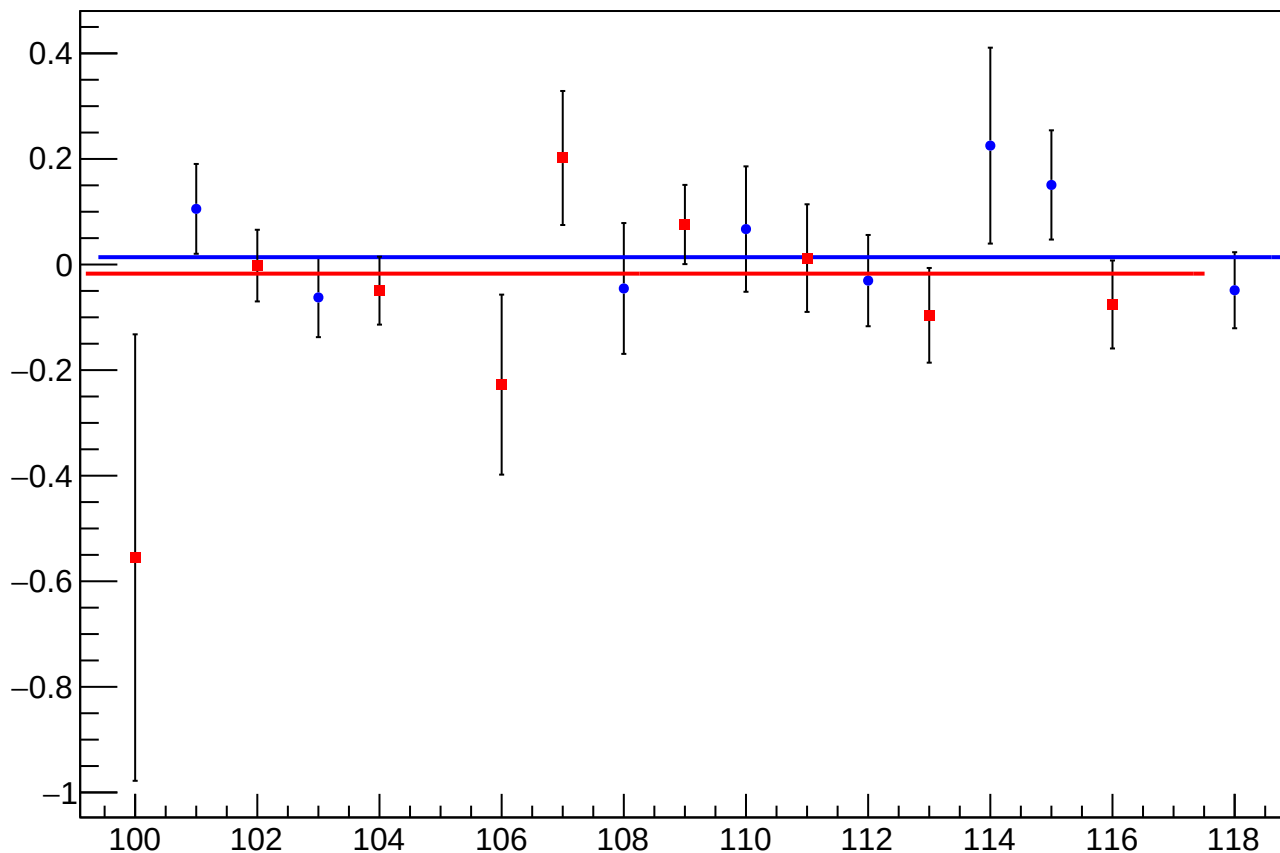
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.774+/-0.016 χ^2/NDF : 428902.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.017 $\pm$ 0.030 χ^2 /NDF: 9.3/8

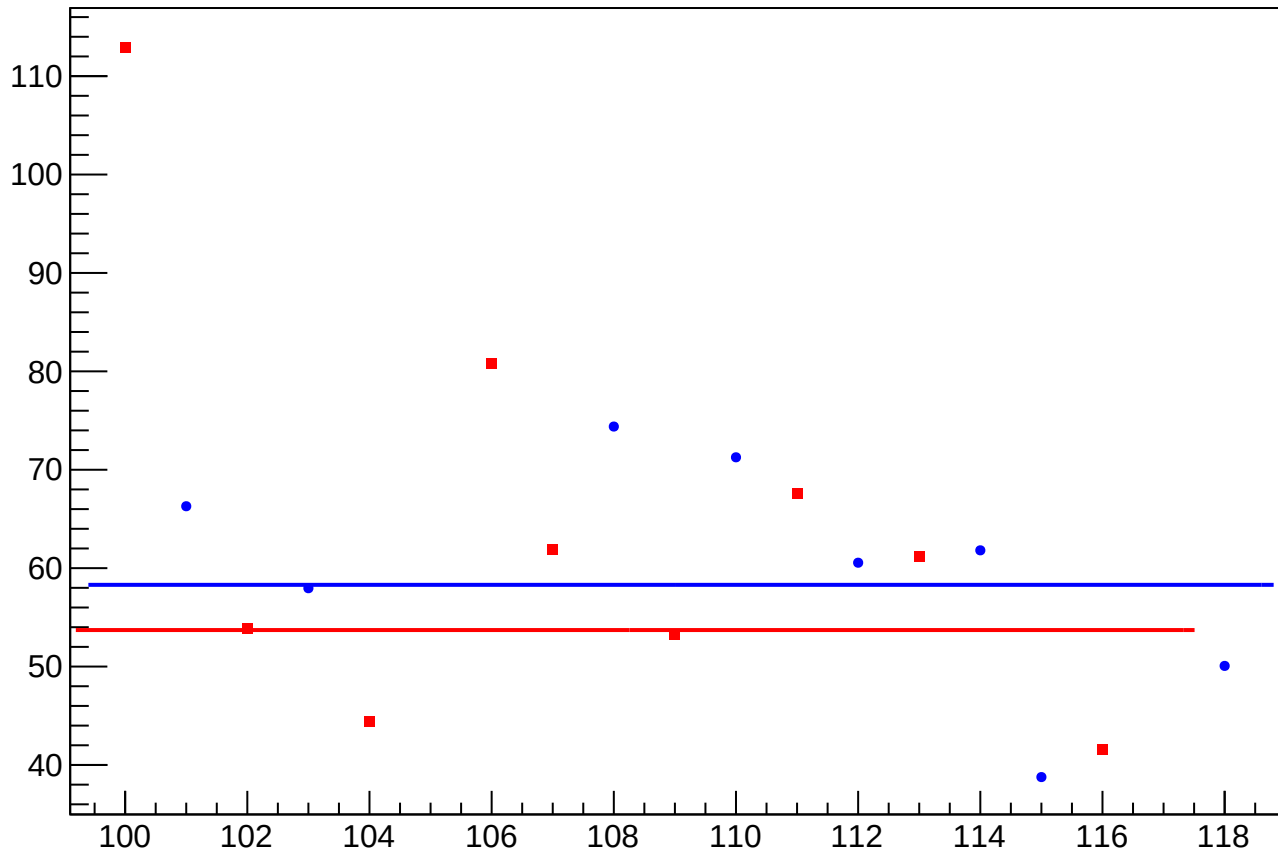
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.022 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 53.710+/-0.021 χ^2/NDF : 233272.1/8

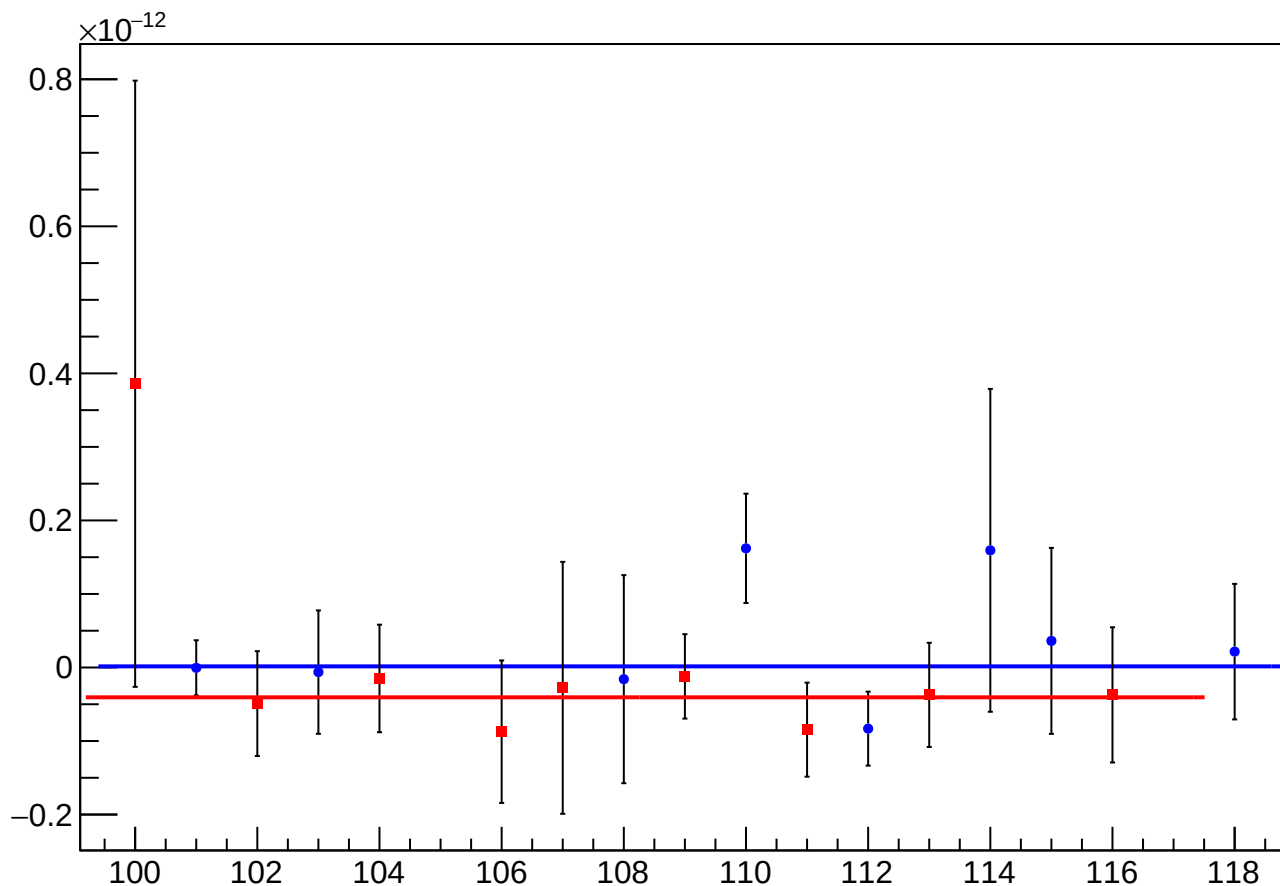
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.774+/-0.016 χ^2/NDF : 428902.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 $\chi^2/\text{NDF}: 8.2/7$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000+/-0.000 $\chi^2/\text{NDF}: 2.2/8$

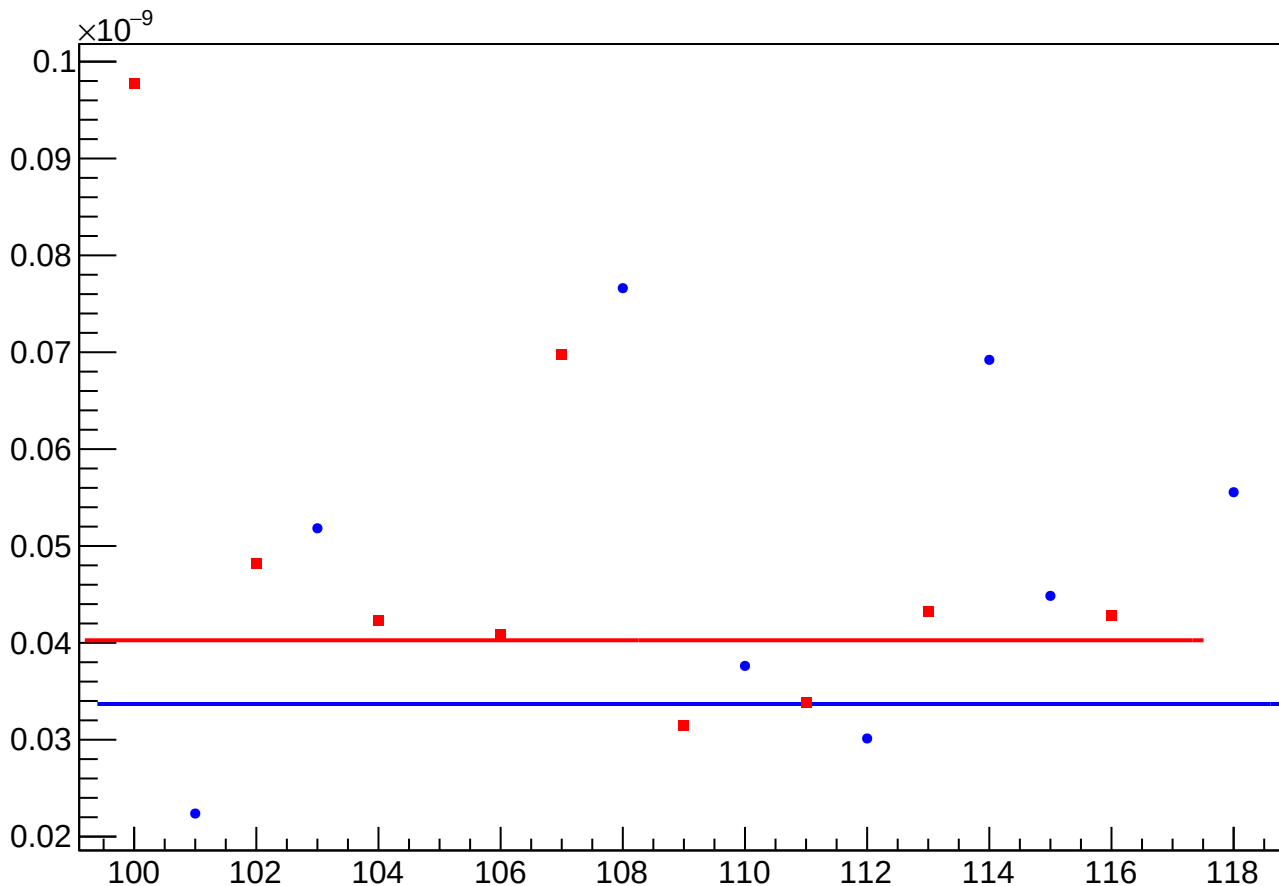
Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.000+/-0.000 $\chi^2/\text{NDF}: 11.7/16$

- sign 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 196588.9/8

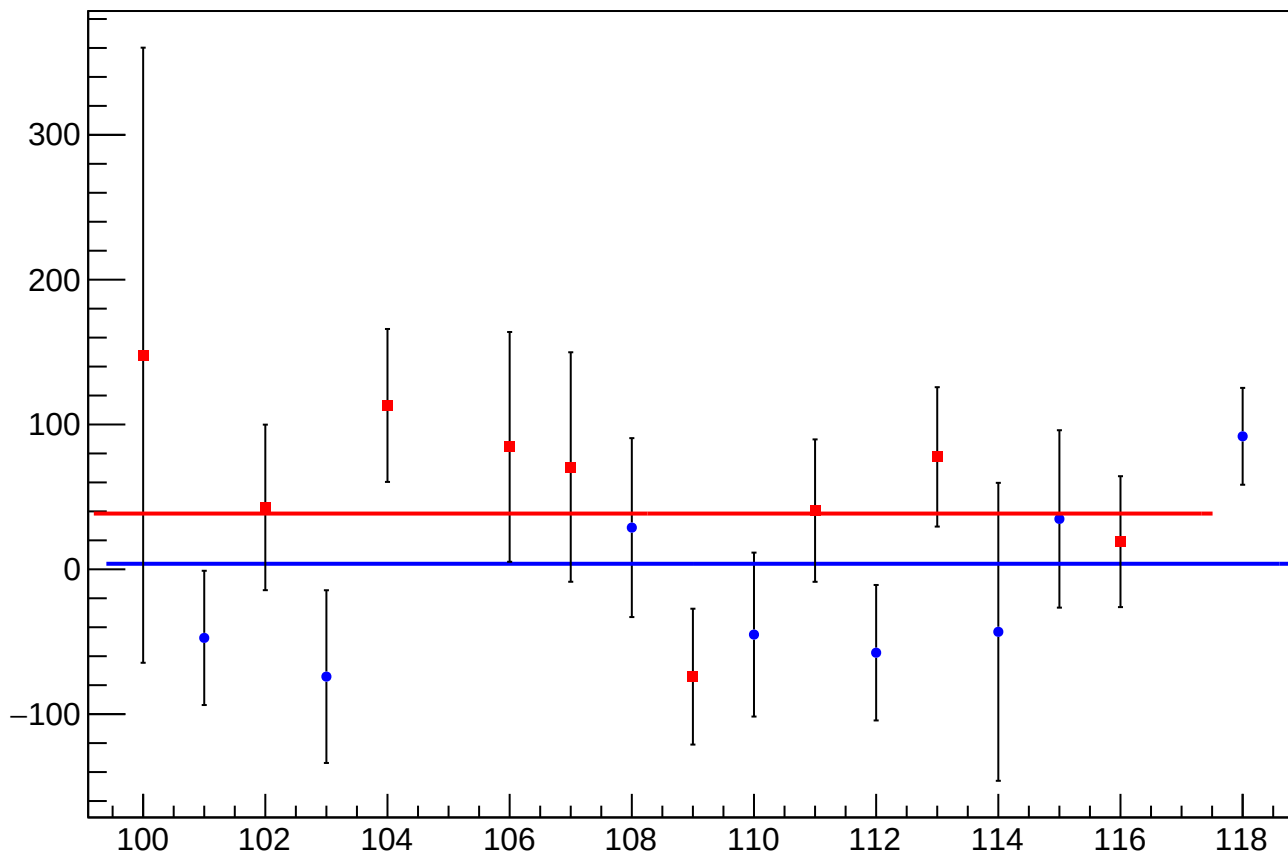
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917767.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: 3.827 $\pm$ 18.157 χ^2 /NDF: 13.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.496 $\pm$ 18.917 χ^2 /NDF: 9.4/8

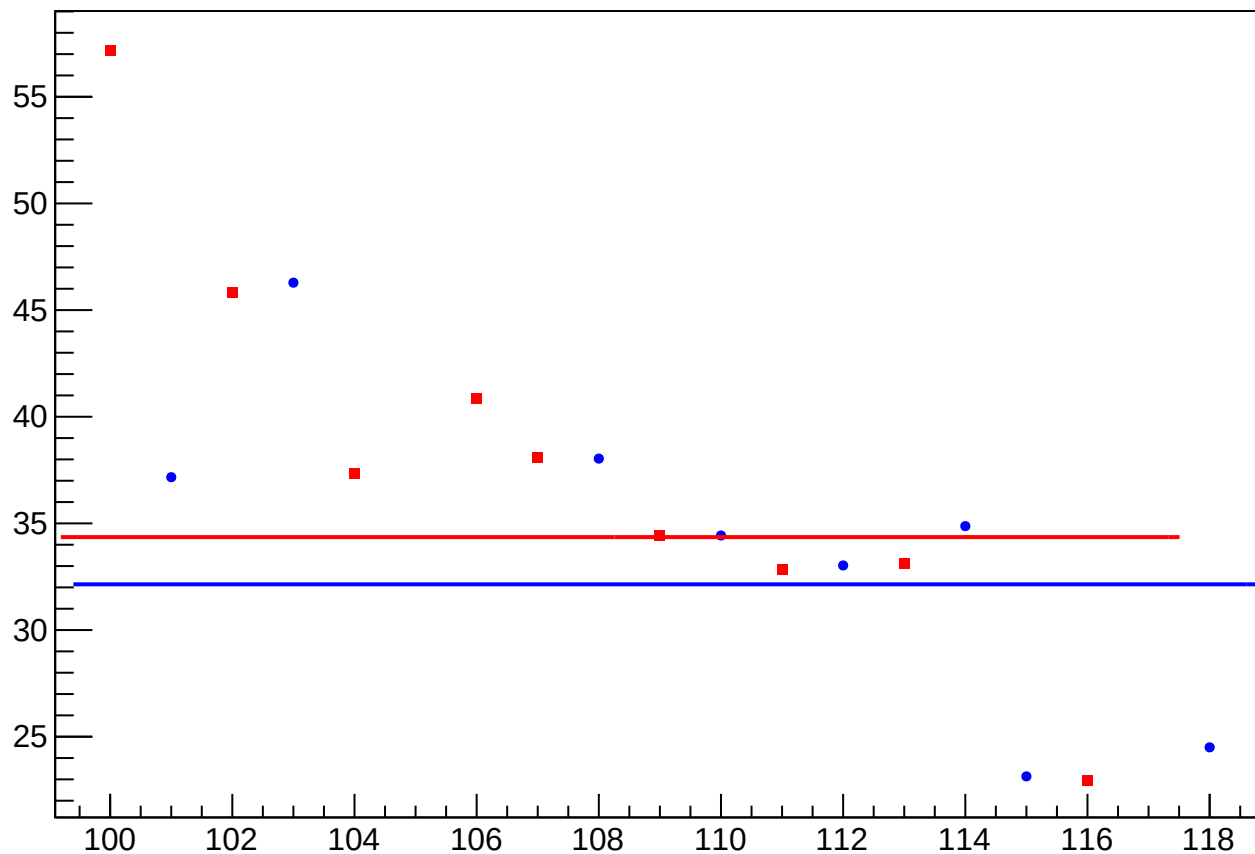
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.451 $\pm$ 13.099 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



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: 34.358+/-0.013 χ^2/NDF : 258188.0/8

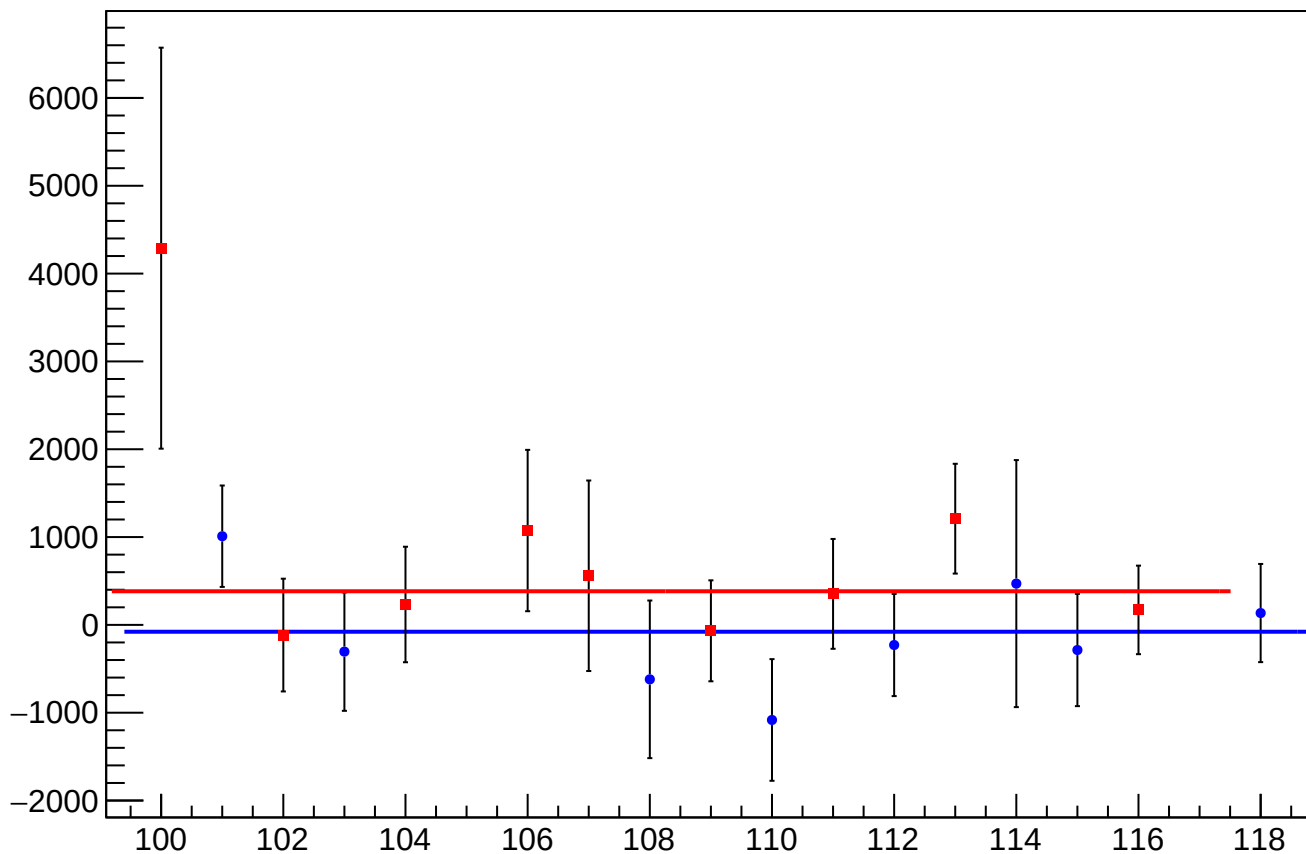
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.206+/-0.009 χ^2/NDF : 579676.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



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: 382.895 $\pm$ 229.152 χ^2 /NDF: 6.7/8

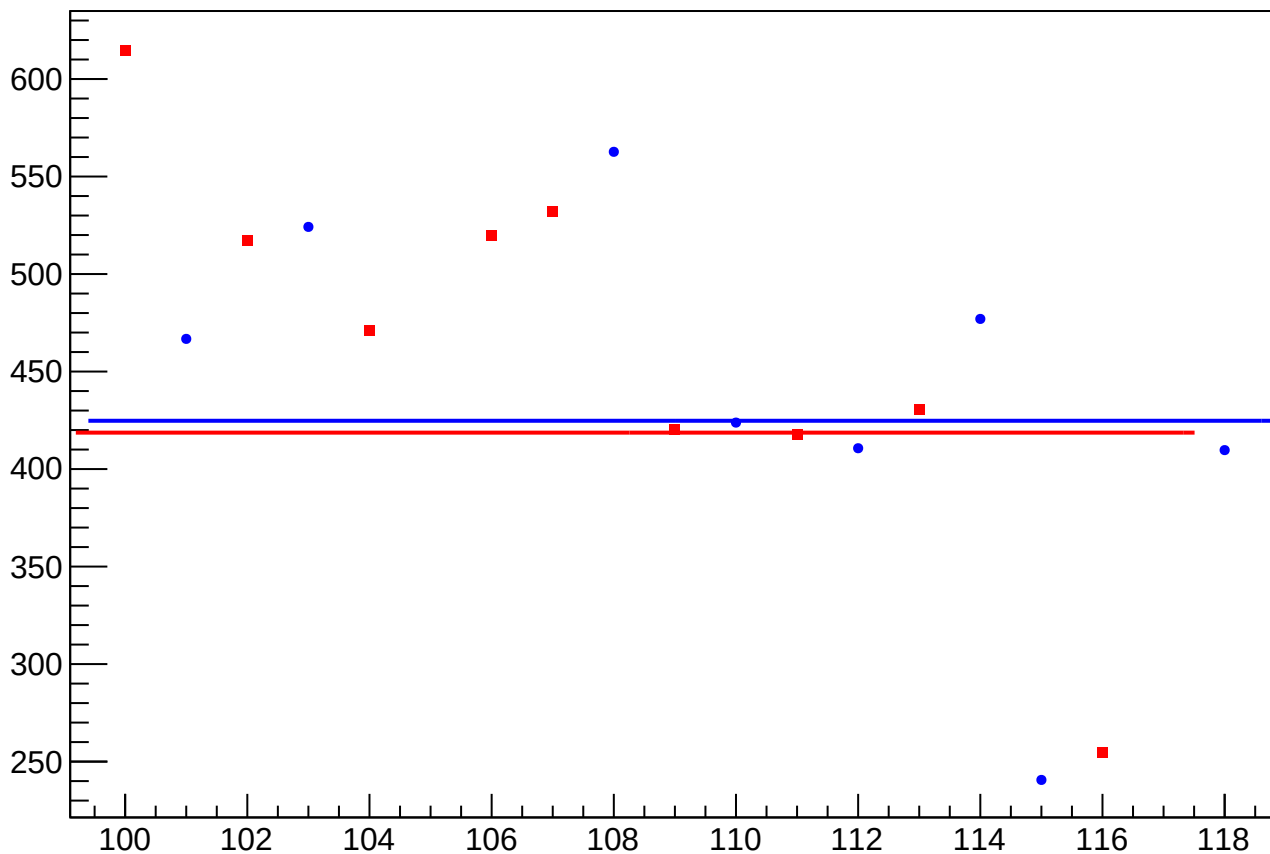
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.286 $\pm$ 165.108 χ^2 /NDF: 15.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



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: 418.680 $\pm$ 0.162 χ^2 /NDF: 332388.9/8

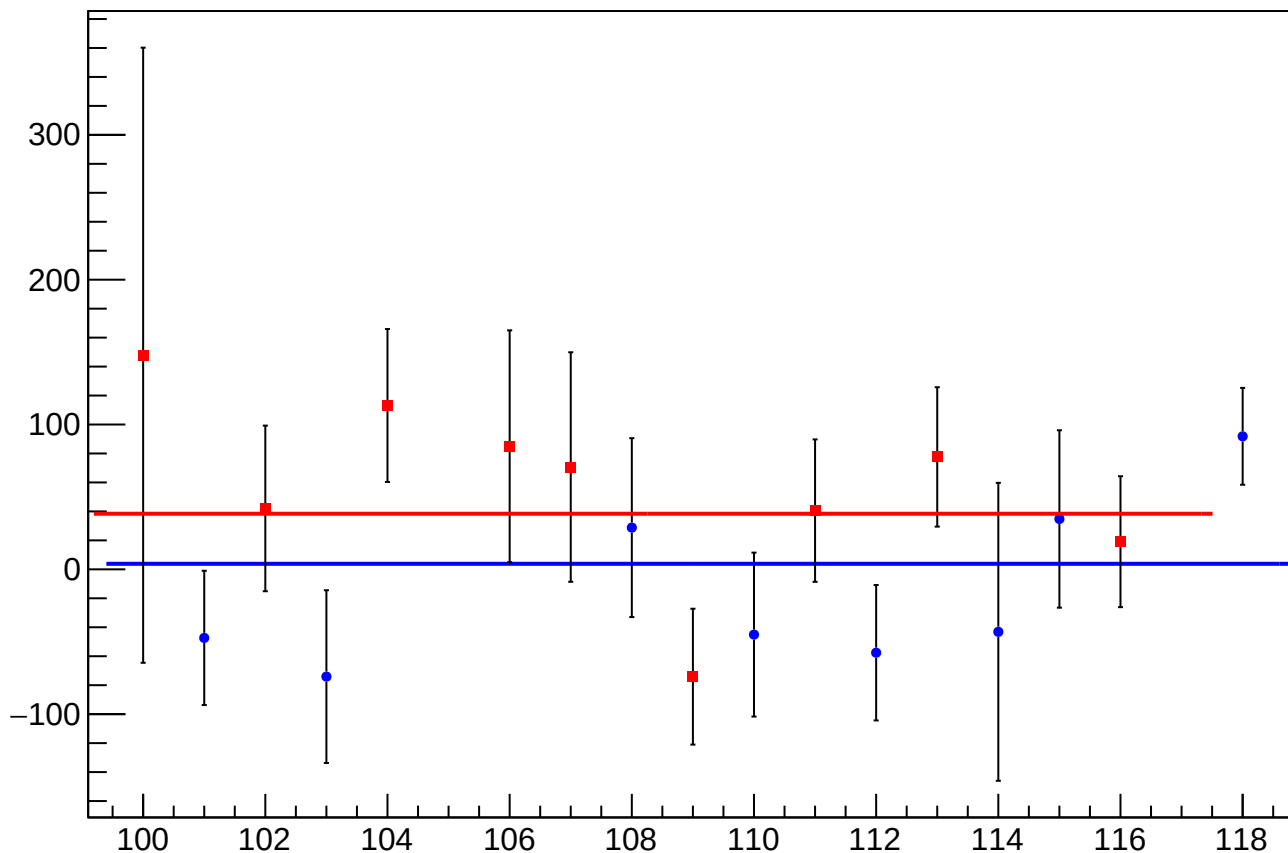
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 421.605 $\pm$ 0.117 χ^2 /NDF: 605839.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: 3.830 $\pm$ 18.157 χ^2 /NDF: 13.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.390 $\pm$ 18.928 χ^2 /NDF: 9.4/8

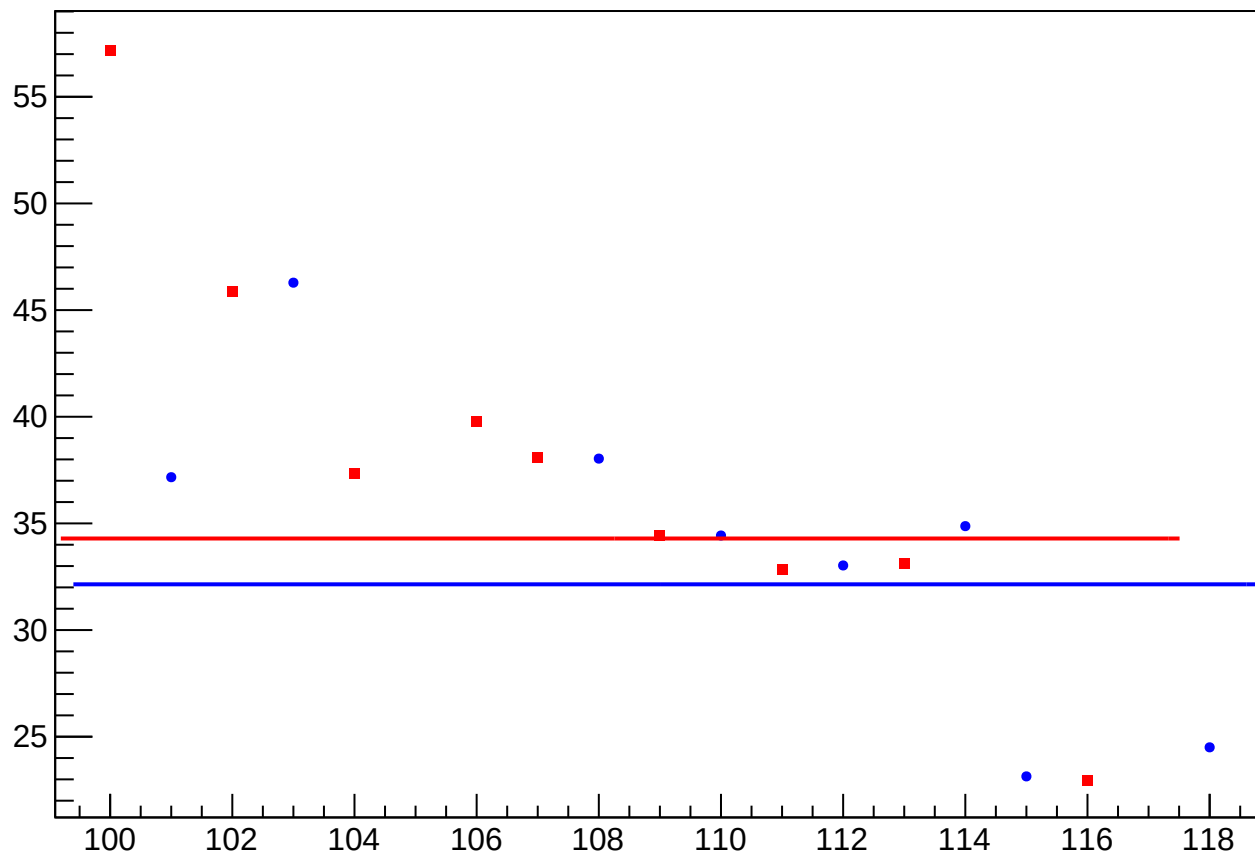
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.393 $\pm$ 13.103 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 32.144 $\pm$ 0.013 χ^2 /NDF: 307230.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.292 $\pm$ 0.013 χ^2 /NDF: 254094.7/8

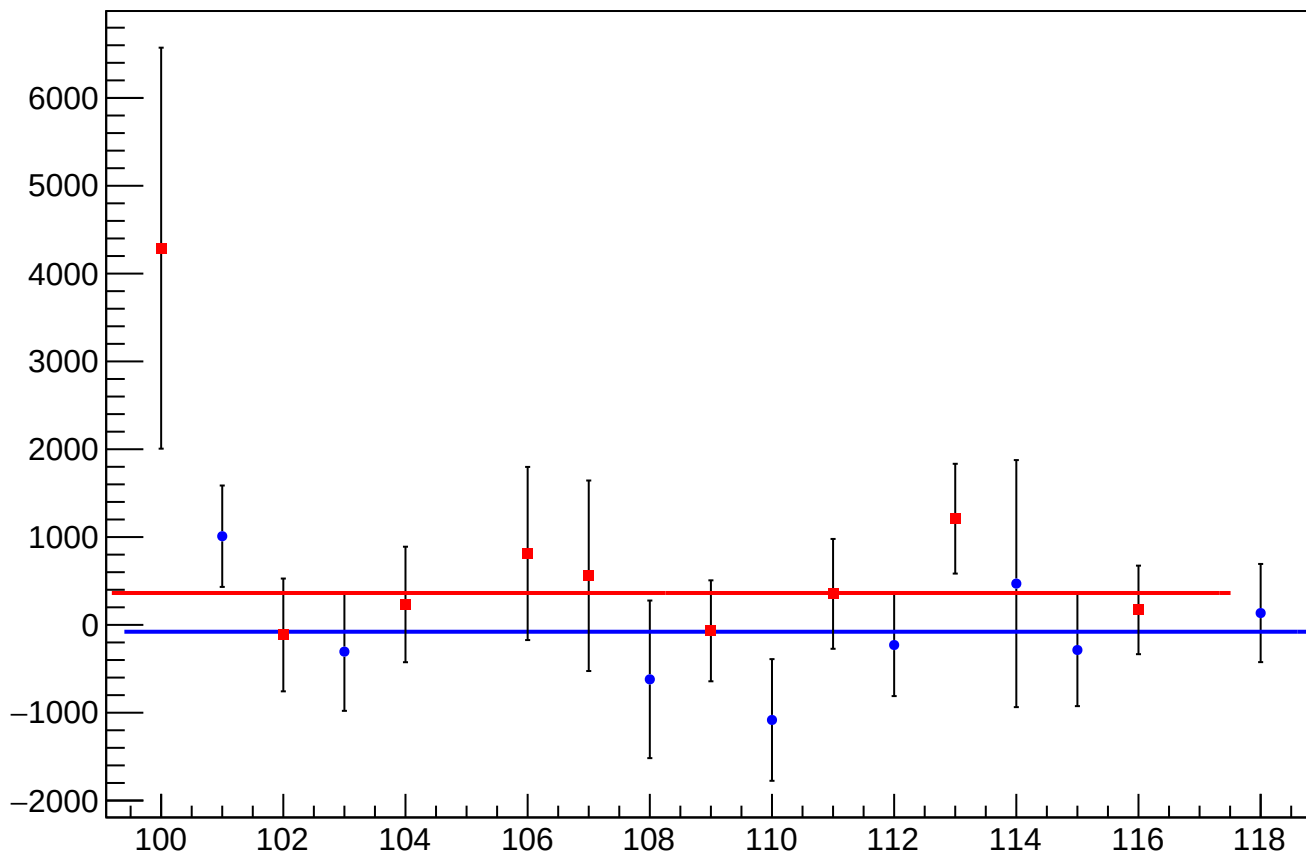
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.173 $\pm$ 0.009 χ^2 /NDF: 574737.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: -77.994 ± 238.102 χ^2/NDF : 6.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 363.212 ± 230.110 χ^2/NDF : 6.3/8

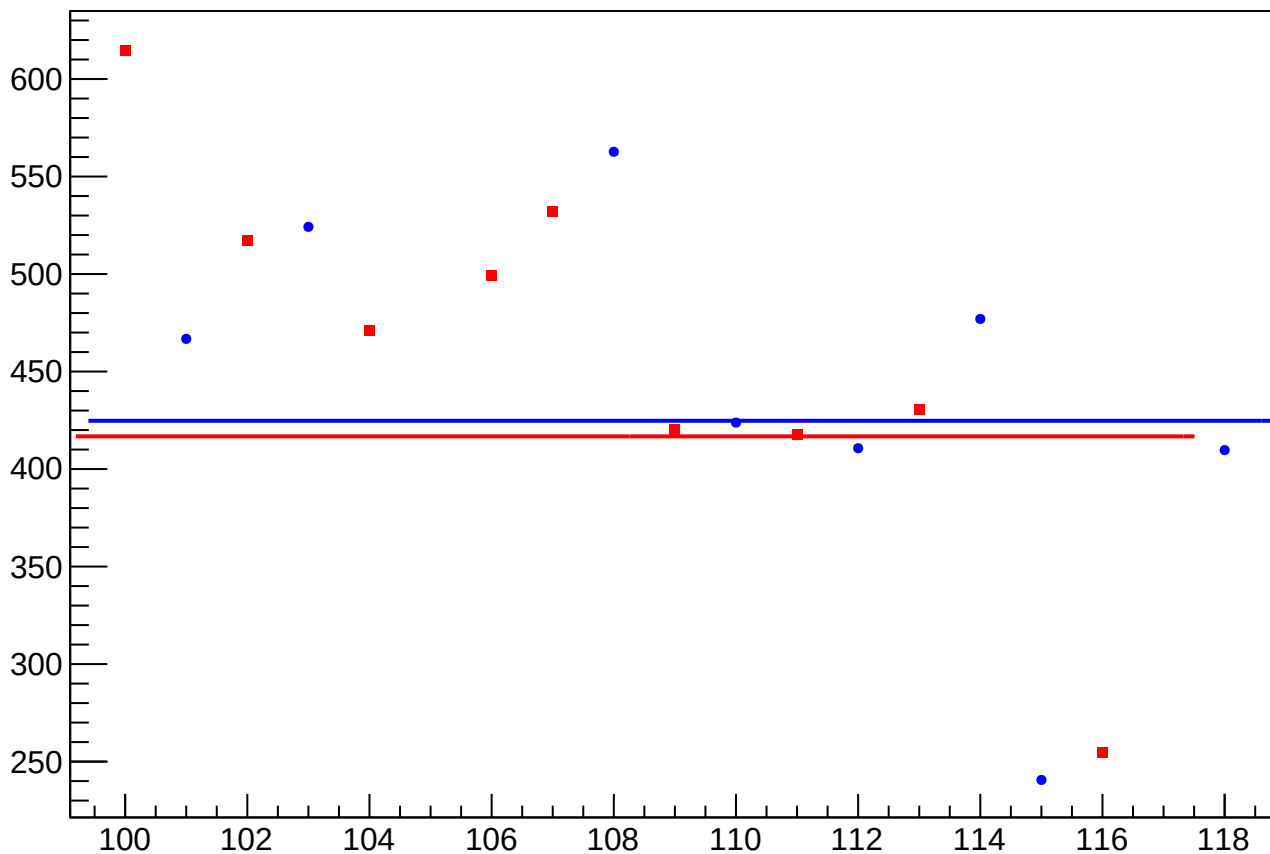
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 150.138 ± 165.466 χ^2/NDF : 14.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



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: 416.756 $\pm$ 0.163 χ^2 /NDF: 321623.8/8

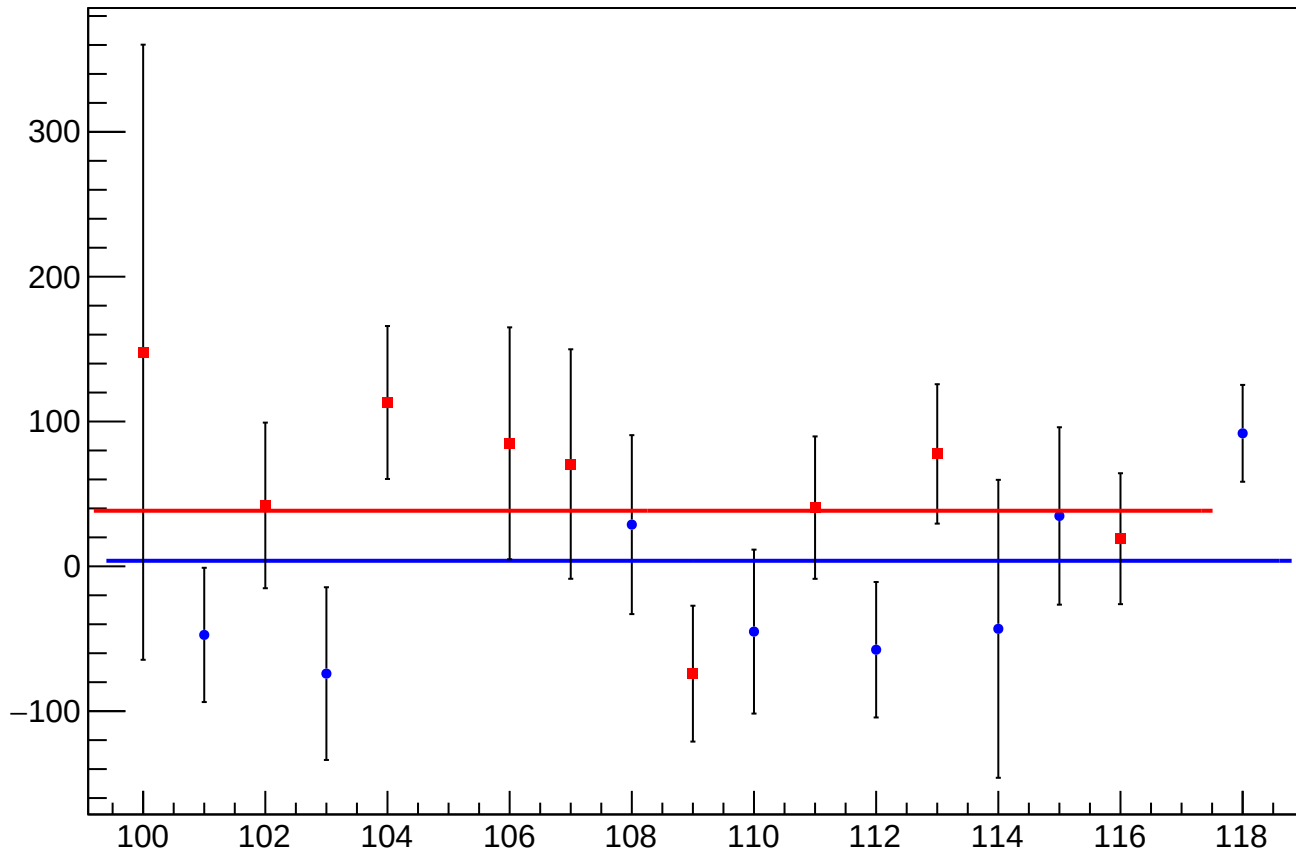
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 420.623 $\pm$ 0.117 χ^2 /NDF: 595588.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: 3.830 $\pm$ 18.157 χ^2 /NDF: 13.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.390 $\pm$ 18.928 χ^2 /NDF: 9.4/8

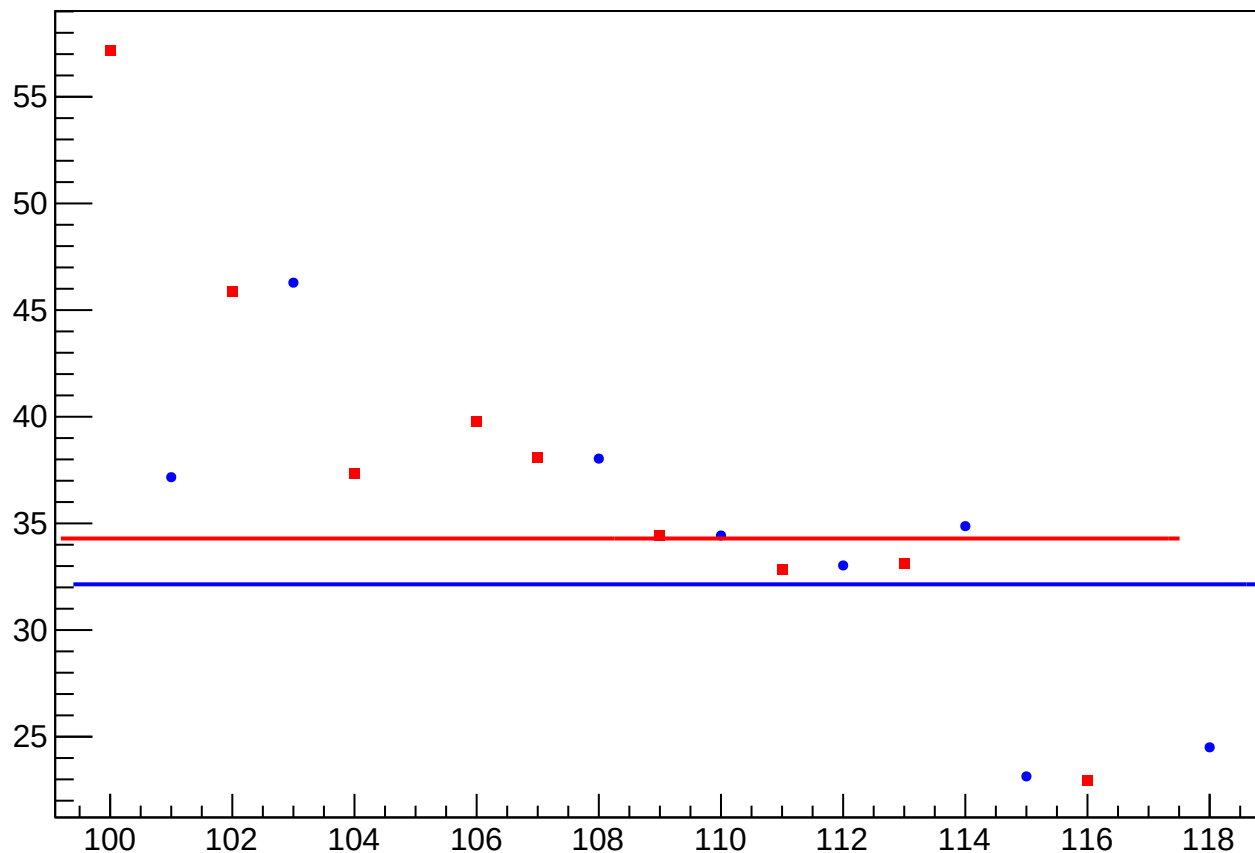
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.393 $\pm$ 13.103 χ^2 /NDF: 24.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



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: 34.292+/-0.013 χ^2/NDF : 254094.7/8

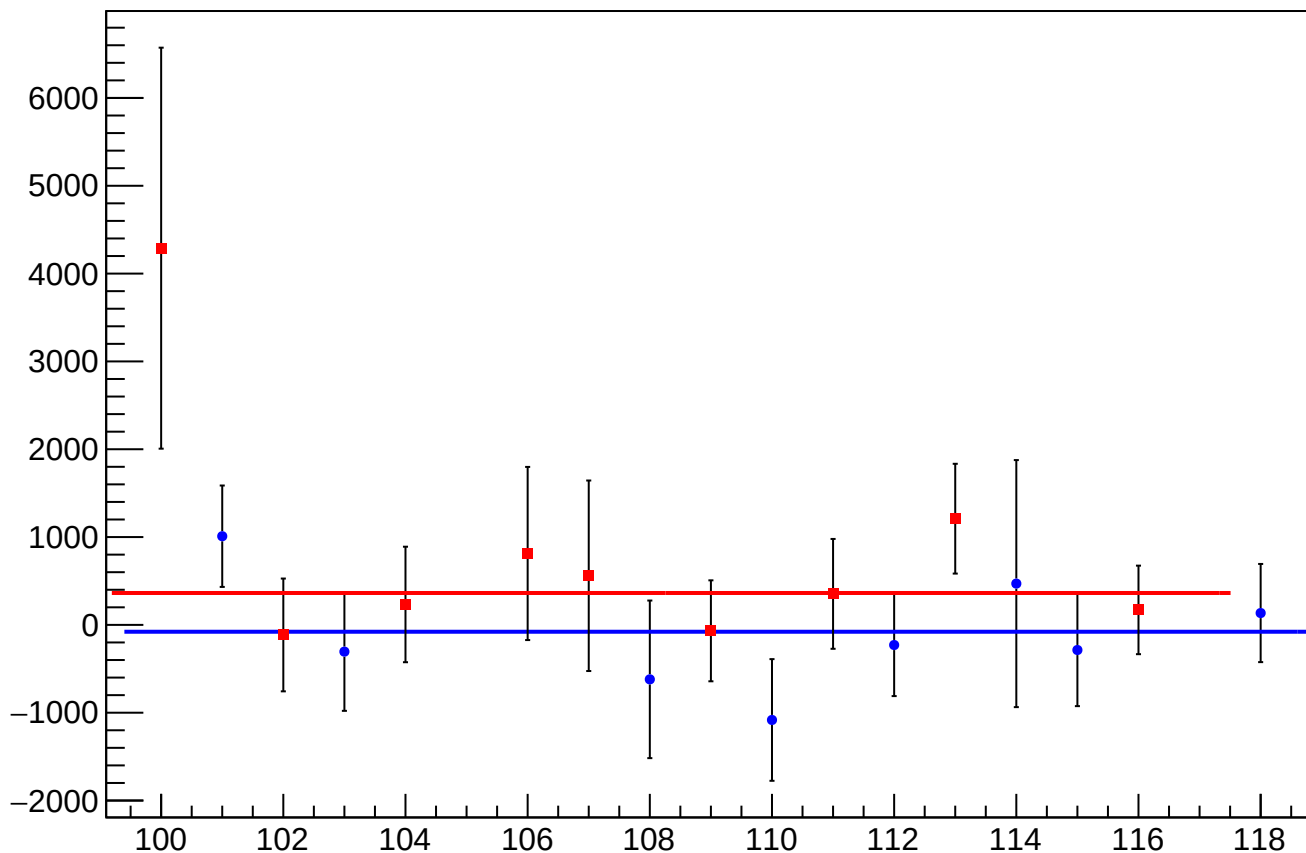
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.173+/-0.009 χ^2/NDF : 574737.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



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: 363.212 $\pm$ 230.110 χ^2 /NDF: 6.3/8

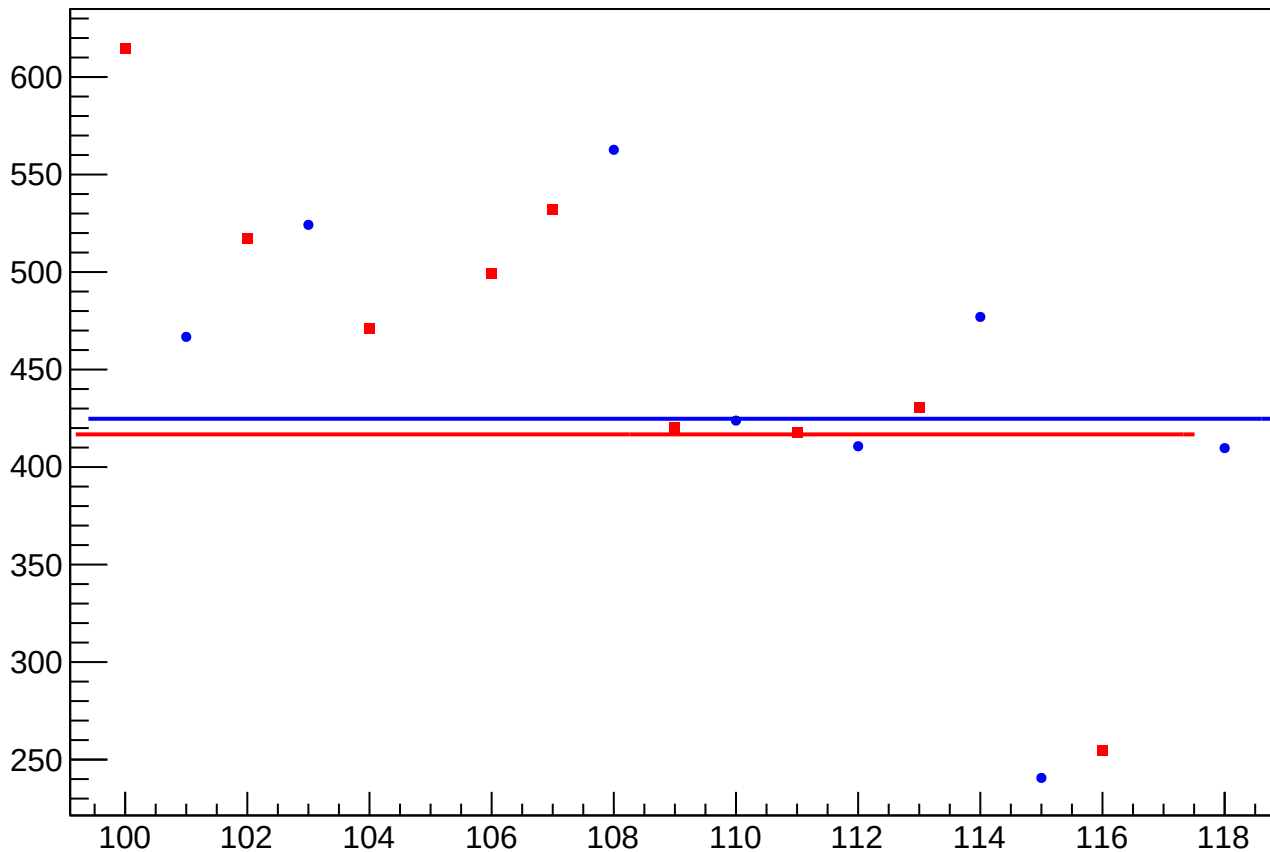
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.138 $\pm$ 165.466 χ^2 /NDF: 14.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug



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: 416.756 $\pm$ 0.163 χ^2 /NDF: 321623.8/8

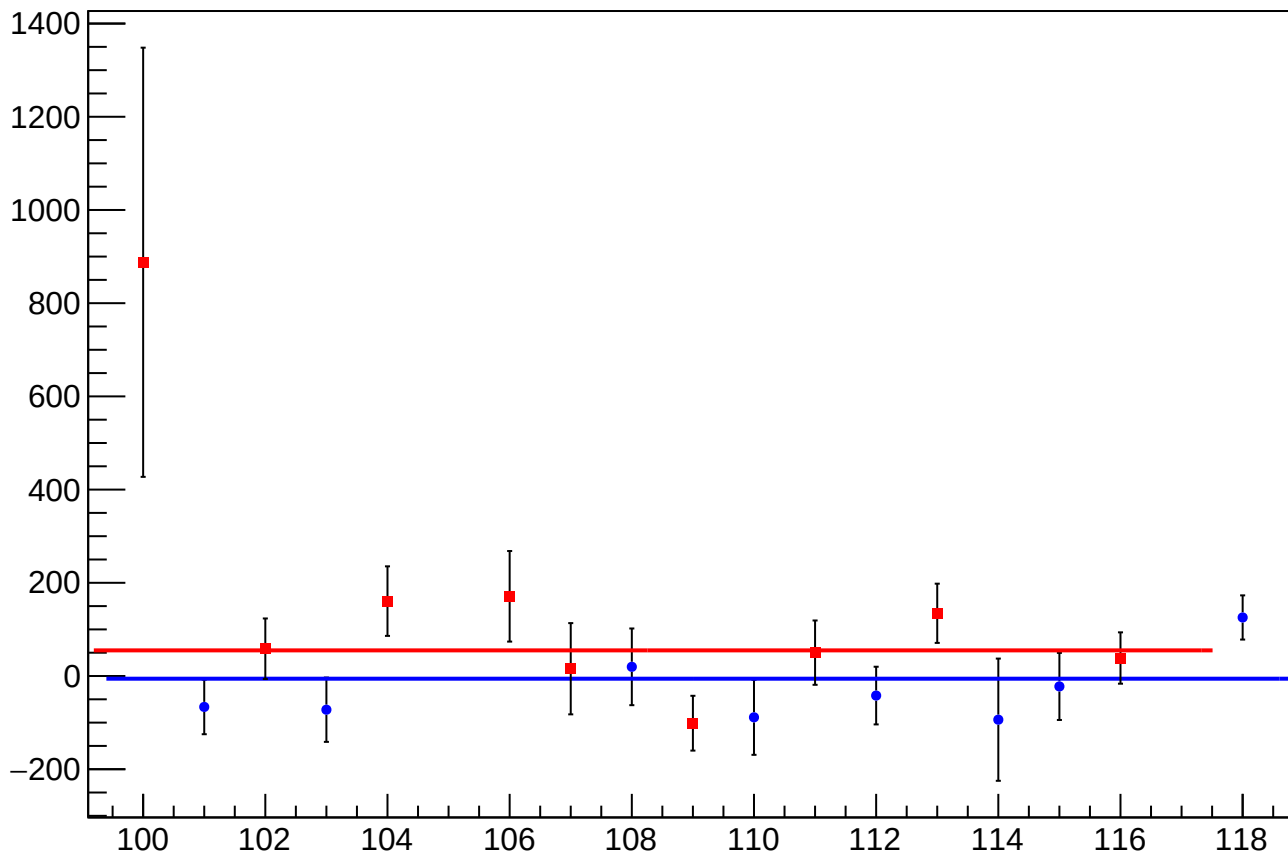
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 420.623 $\pm$ 0.117 χ^2 /NDF: 595588.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.771+/-23.830 χ^2/NDF : 11.7/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.006+/-24.197 χ^2/NDF : 15.6/8

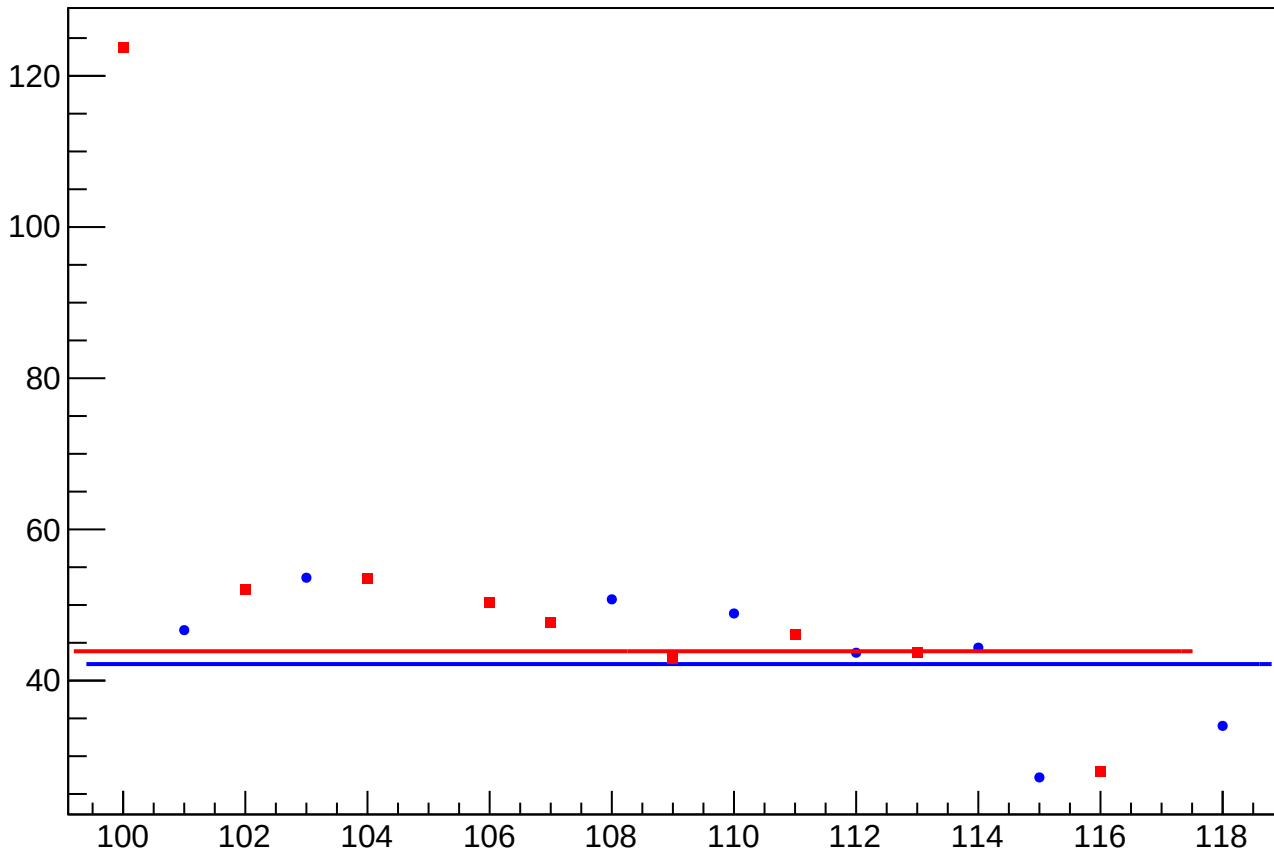
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.153+/-16.979 χ^2/NDF : 30.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



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: 43.882+/-0.017 χ^2/NDF : 306435.4/8

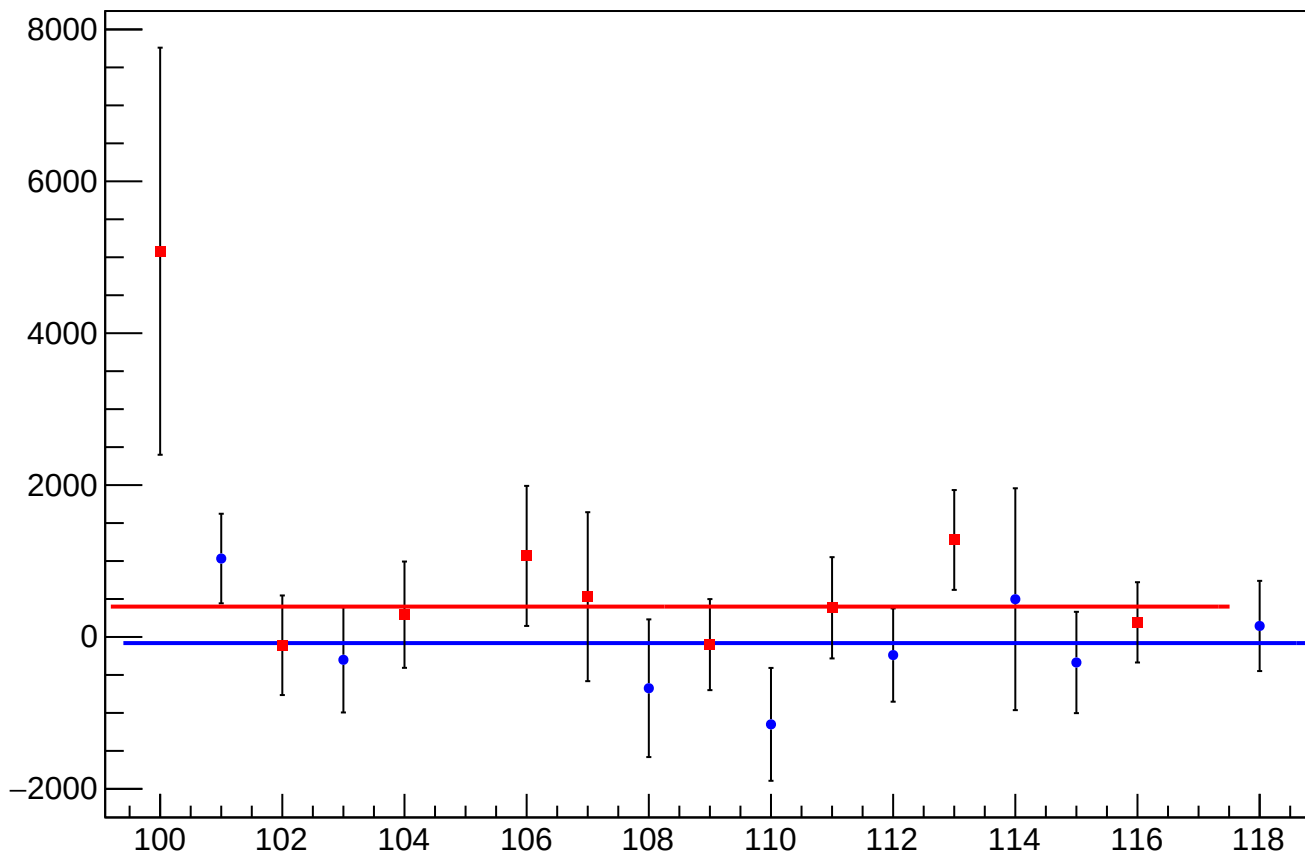
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.020+/-0.012 χ^2/NDF : 561454.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



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: 400.061+/-239.611 χ^2/NDF : 6.8/8

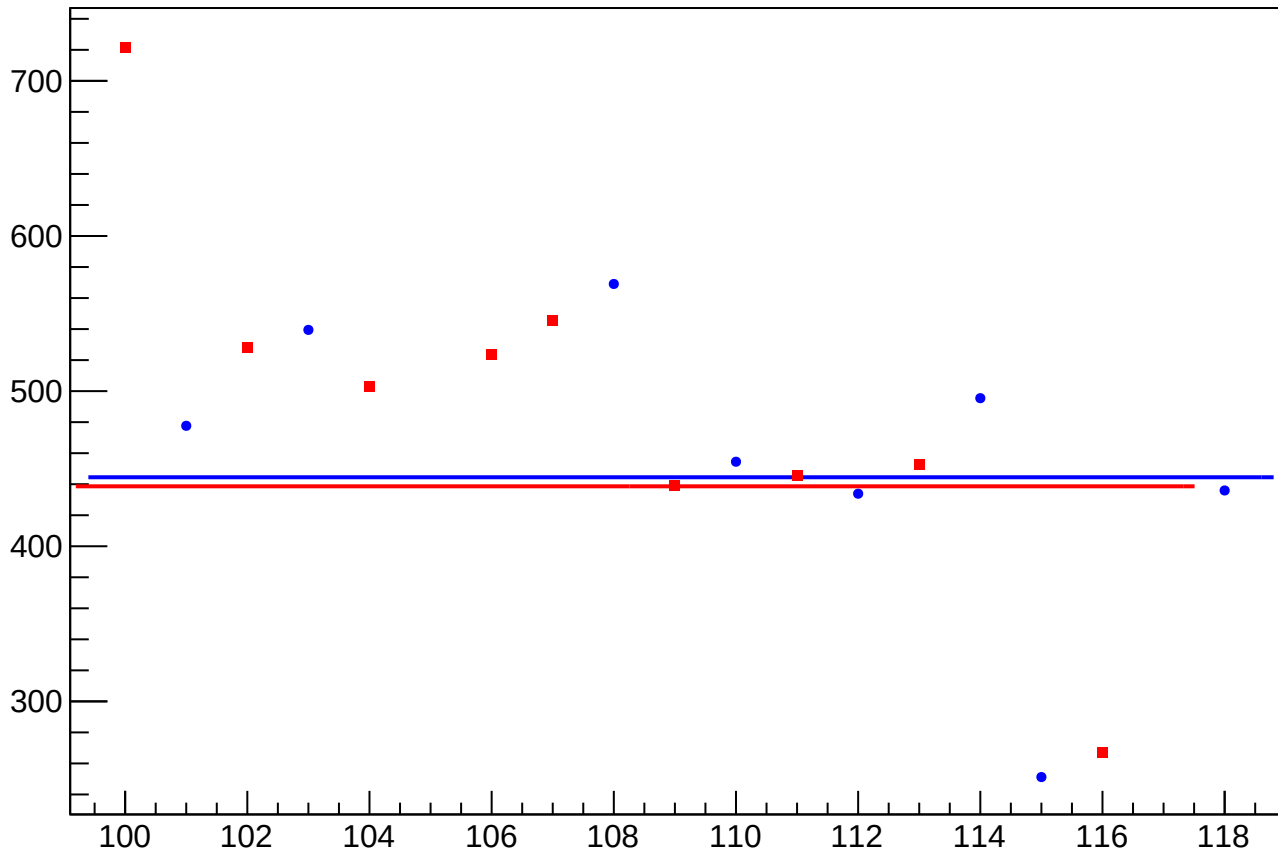
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.610+/-172.515 χ^2/NDF : 15.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



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: 438.641+/-0.169 χ^2/NDF : 323086.6/8

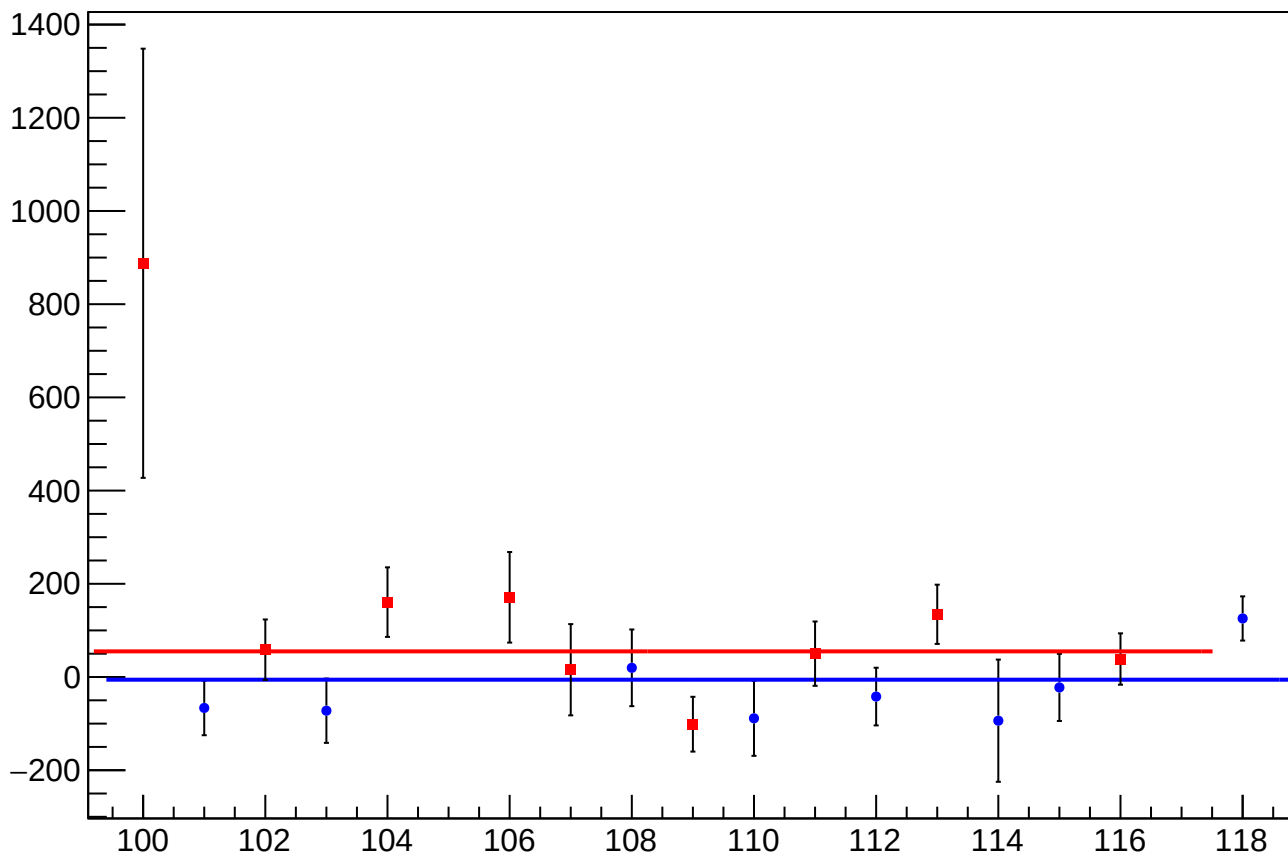
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 441.453+/-0.122 χ^2/NDF : 576976.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



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: 55.004+/-24.197 χ^2/NDF : 15.6/8

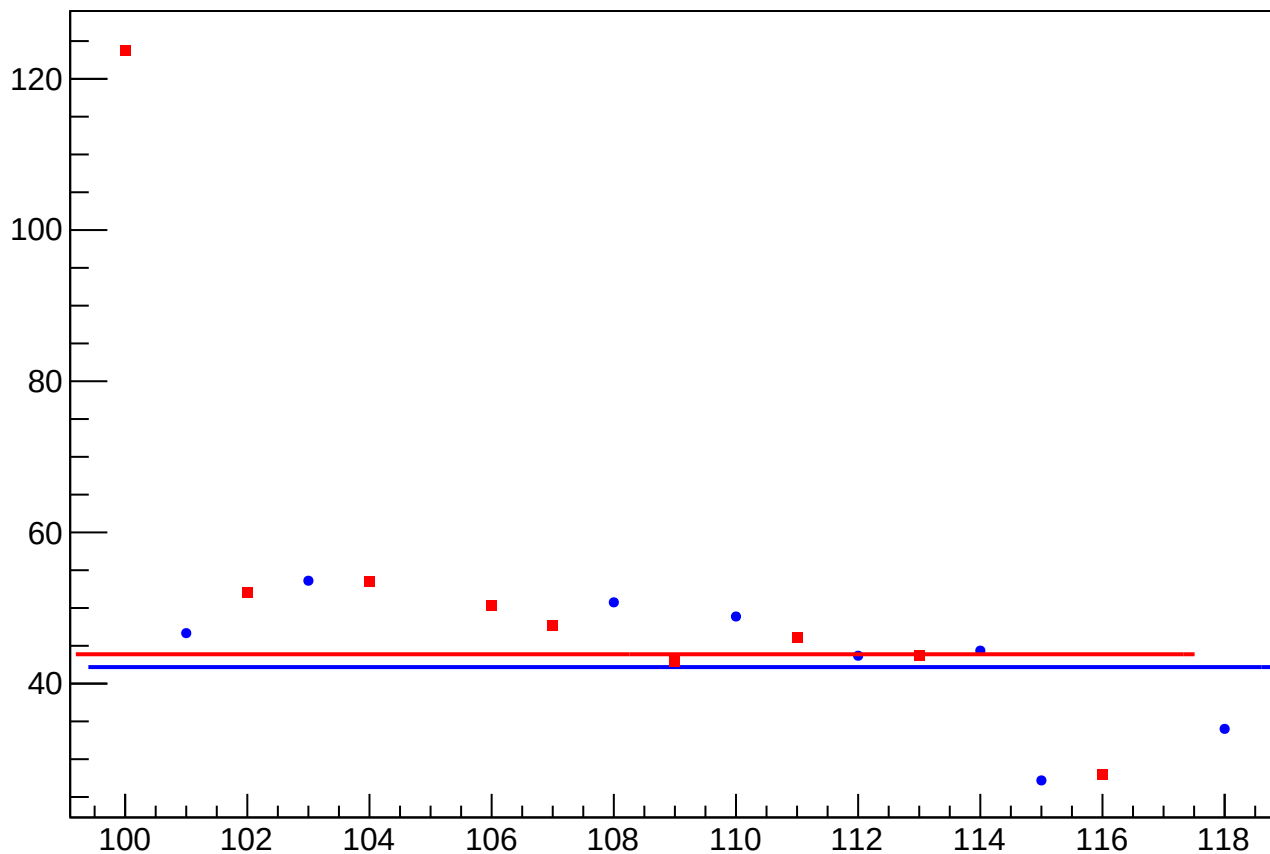
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.153+/-16.978 χ^2/NDF : 30.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 42.183 $\pm$ 0.017 χ^2 /NDF: 250012.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 43.882 $\pm$ 0.017 χ^2 /NDF: 306410.5/8

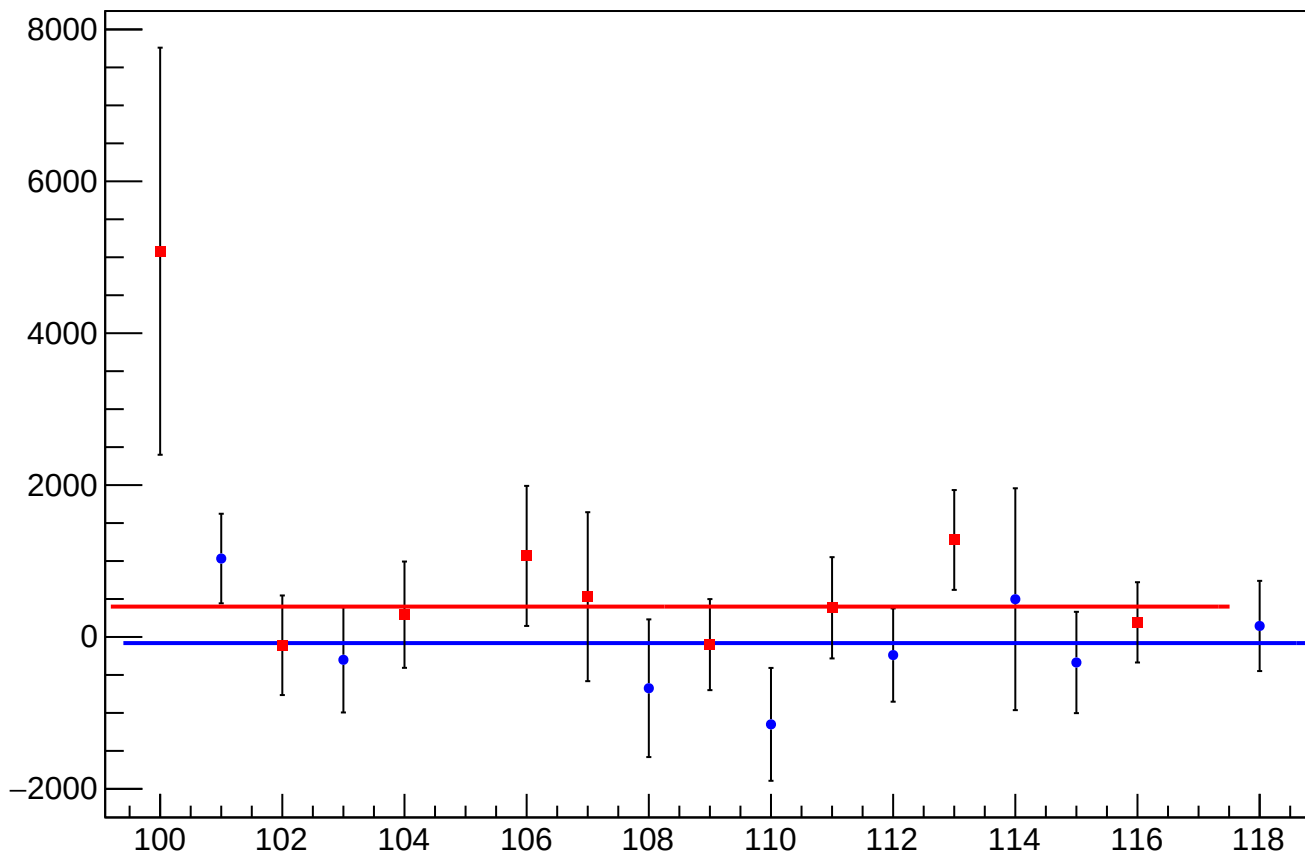
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 43.020 $\pm$ 0.012 χ^2 /NDF: 561424.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



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: 400.060+/-239.611 χ^2/NDF : 6.8/8

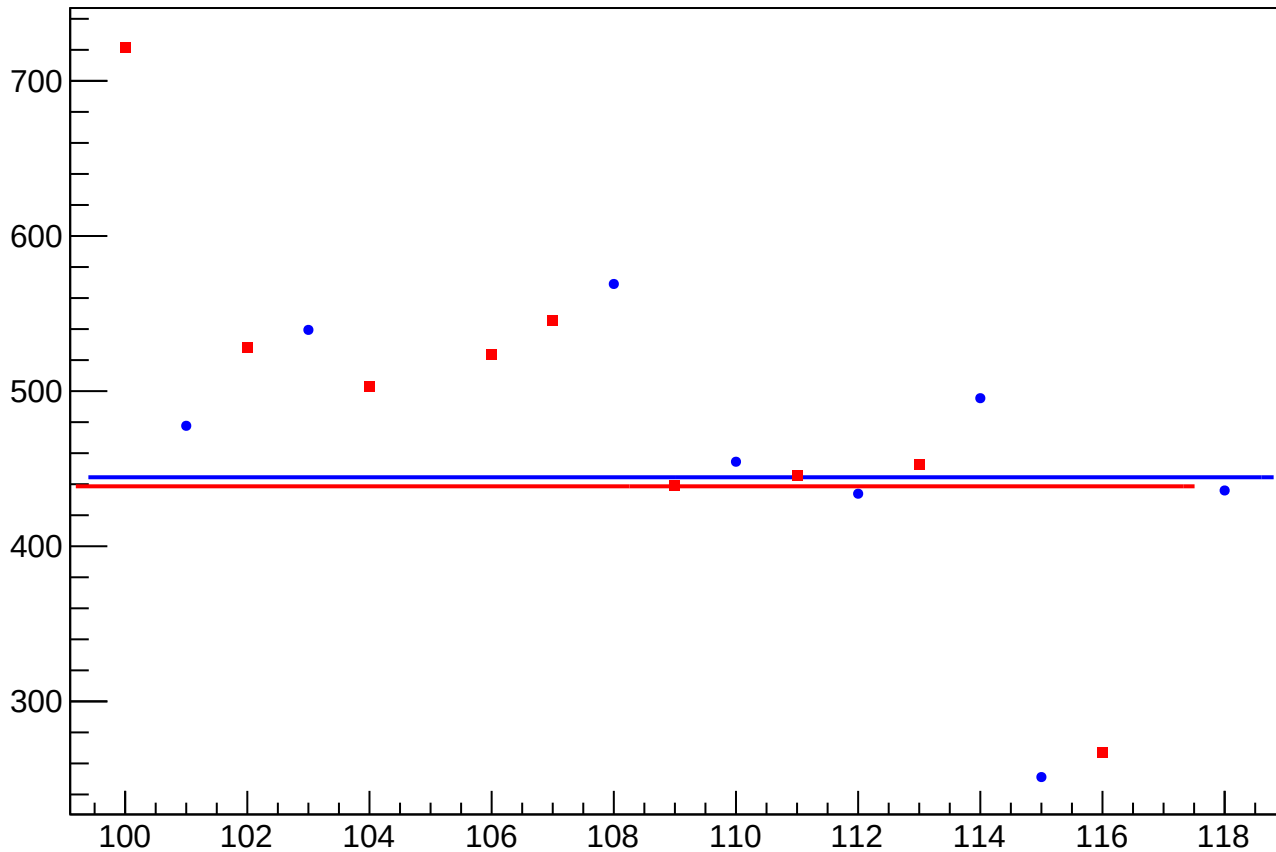
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.610+/-172.514 χ^2/NDF : 15.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



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: 438.640 $\pm$ 0.169 χ^2 /NDF: 323082.3/8

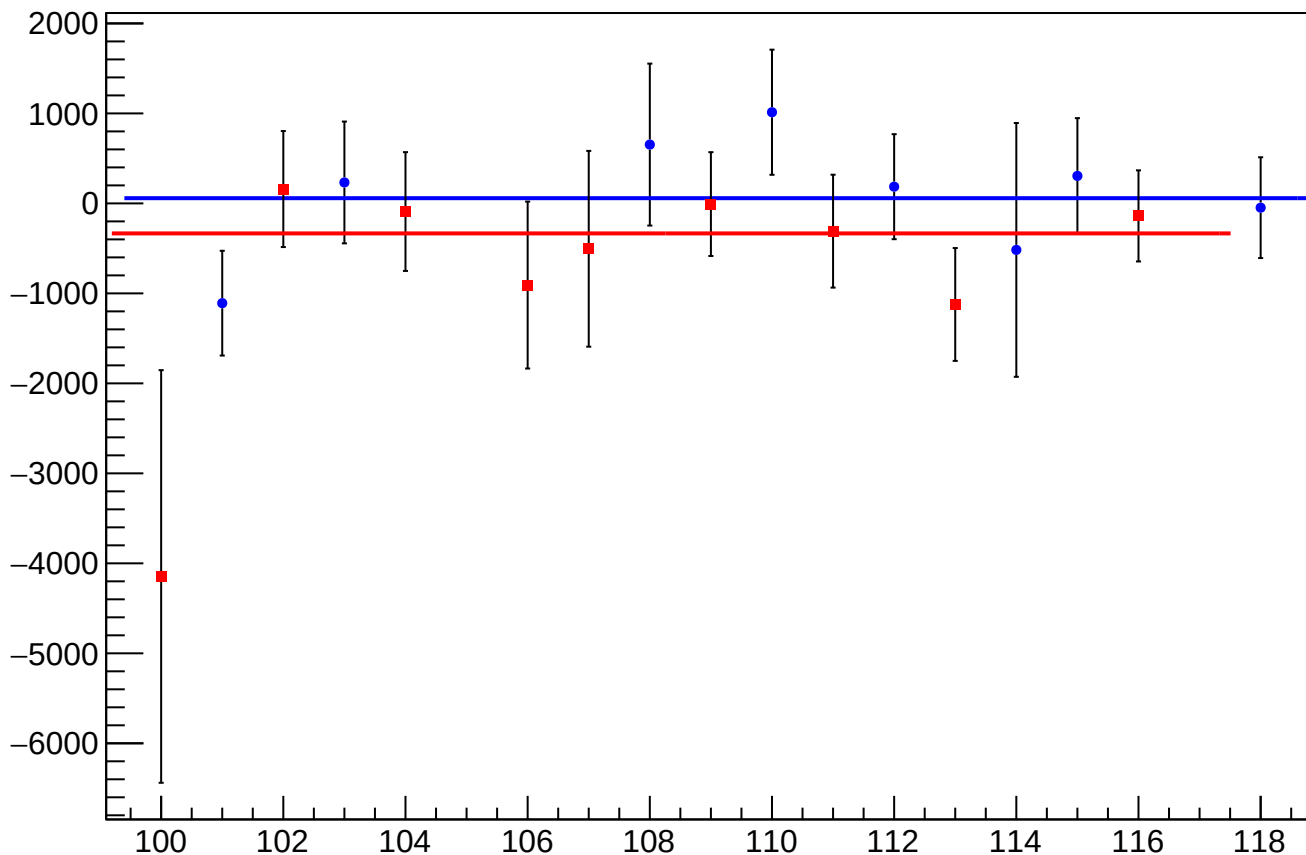
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 441.452 $\pm$ 0.122 χ^2 /NDF: 576968.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: 57.914 $\pm$ 239.087 χ^2 /NDF: 6.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -333.551 $\pm$ 230.071 χ^2 /NDF: 5.9/8

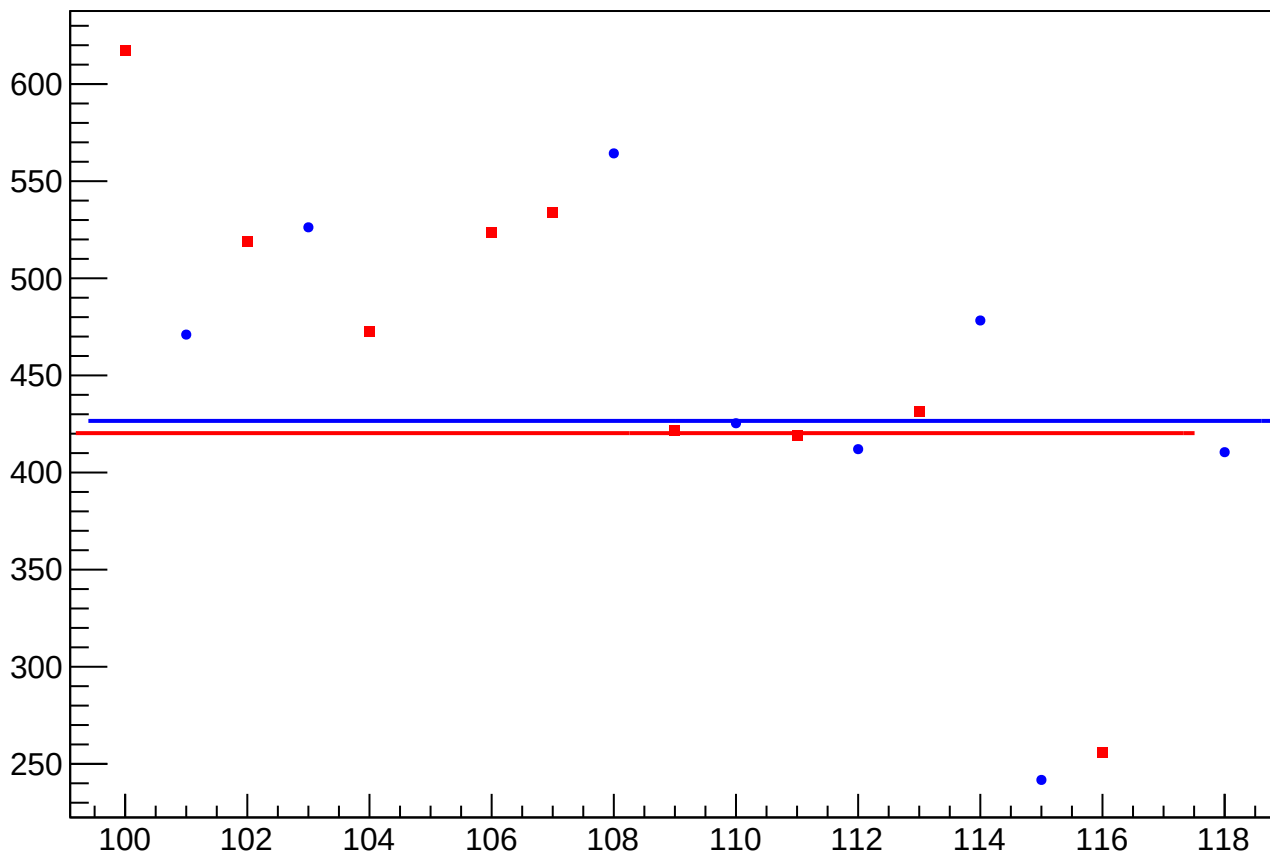
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -145.339 $\pm$ 165.780 χ^2 /NDF: 14.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



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: 420.282 $\pm$ 0.163 χ^2 /NDF: 332540.0/8

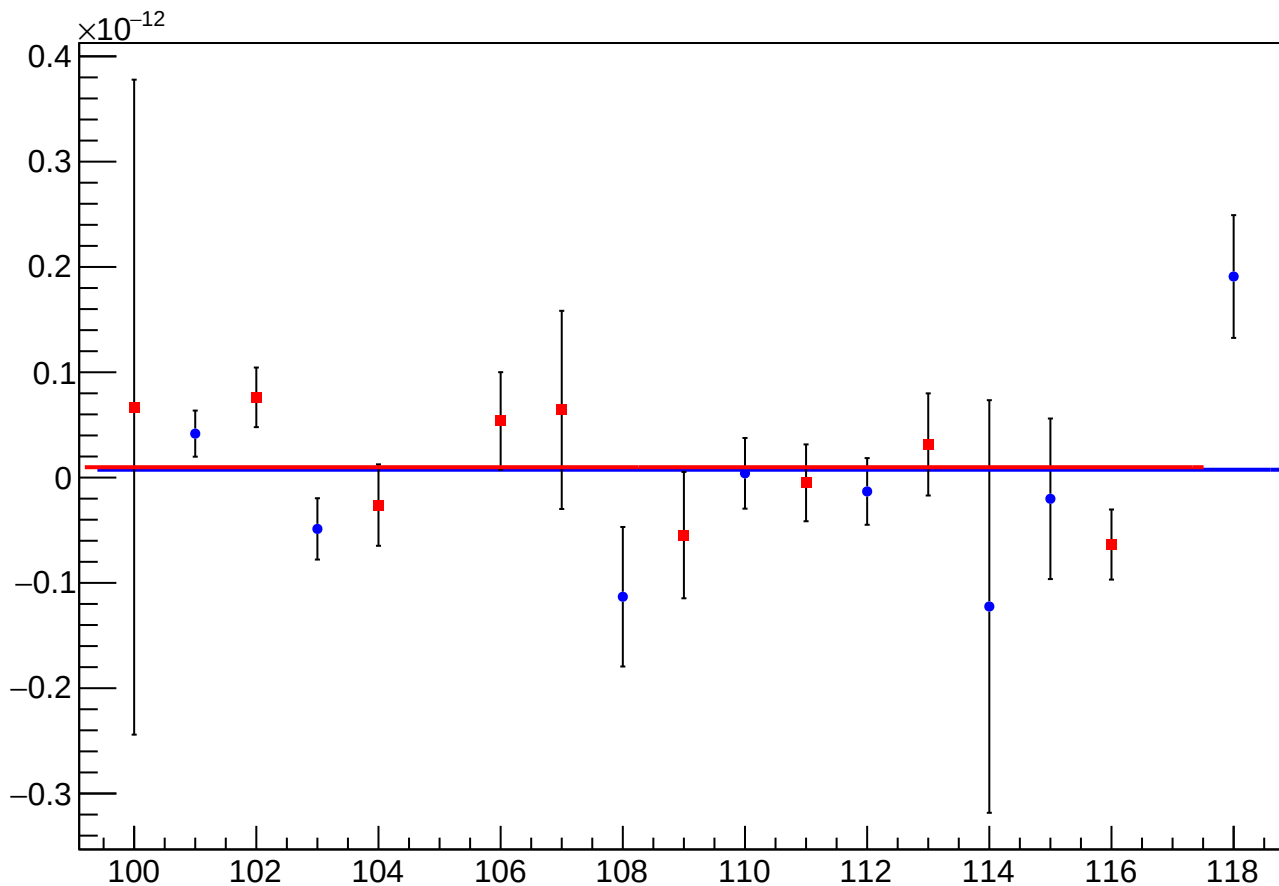
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 423.311 $\pm$ 0.117 χ^2 /NDF: 606466.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug



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 : 14.0/8

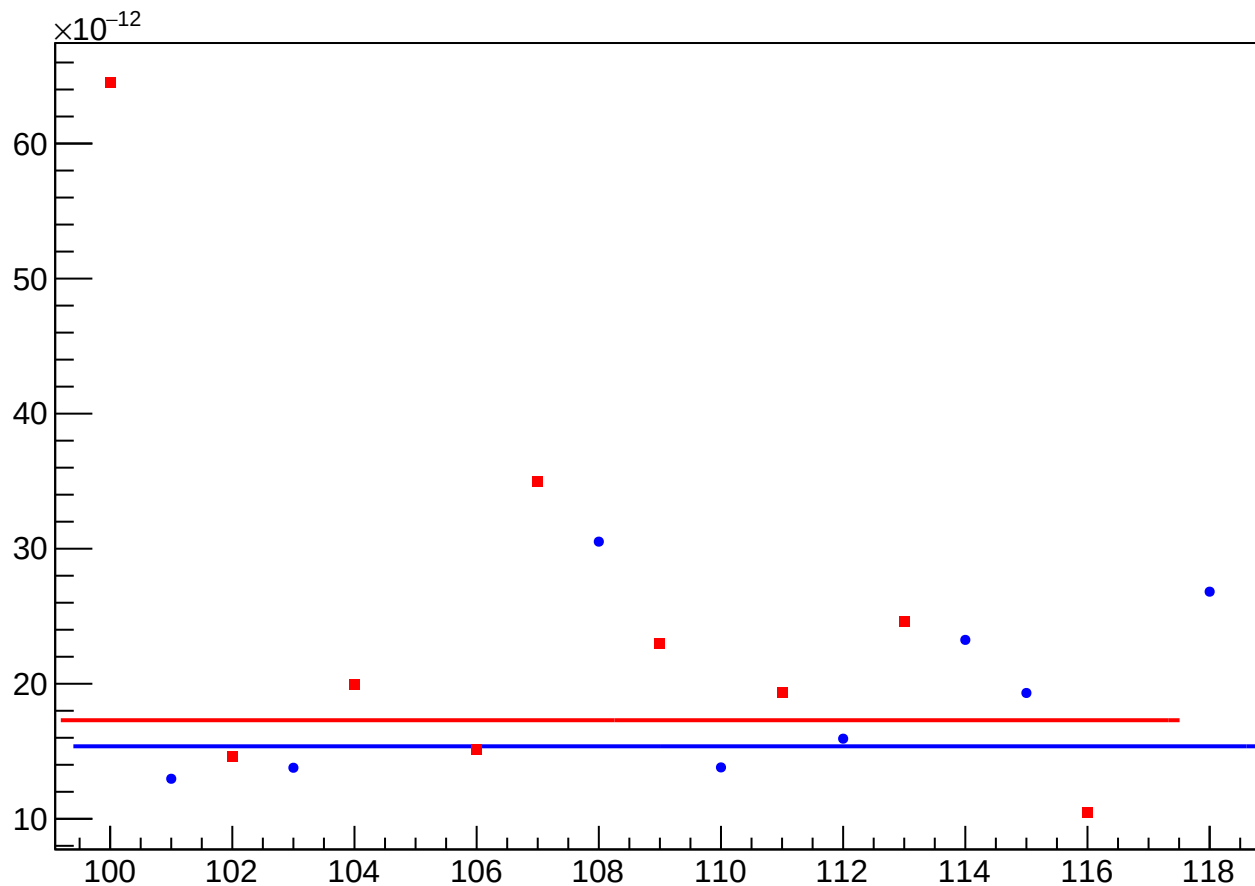
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug



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 : 302481.7/8

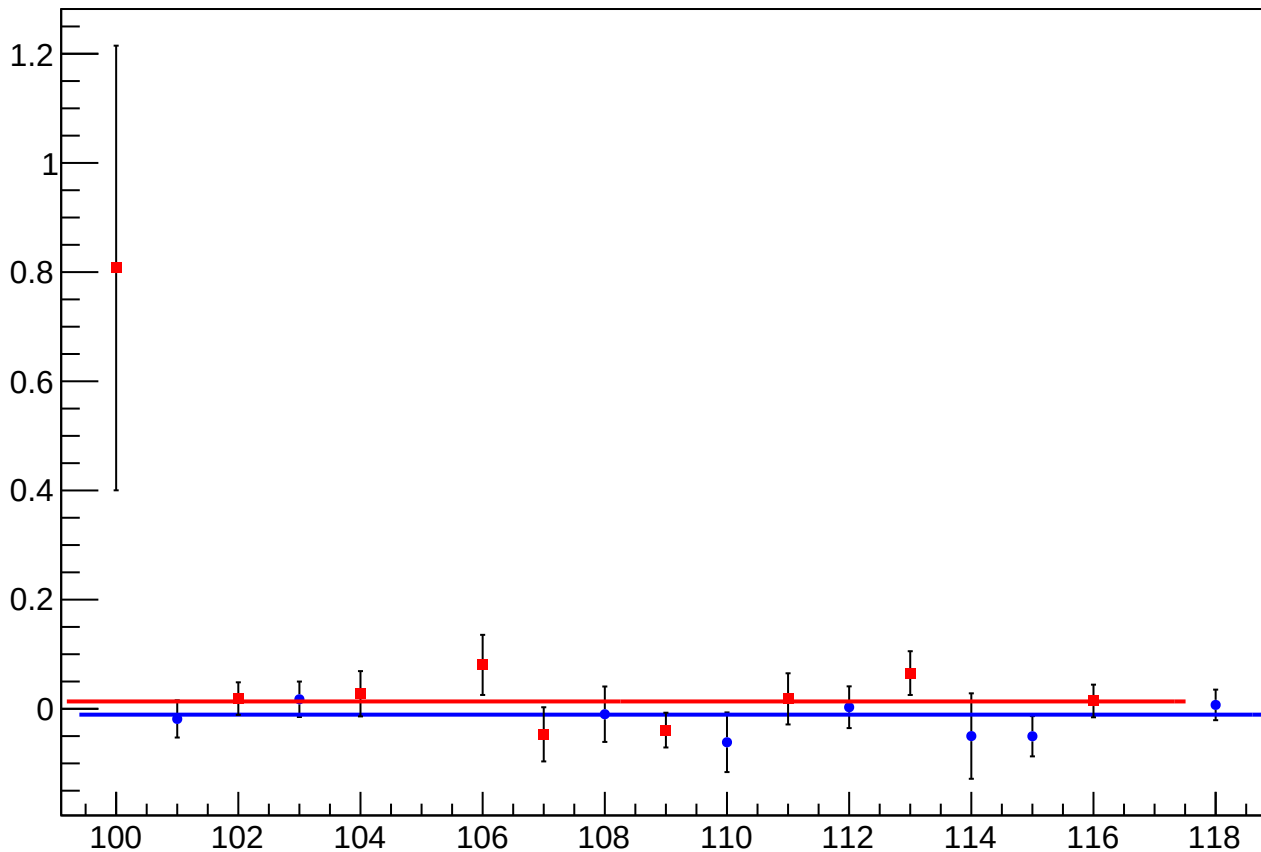
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 547763.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug



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: 0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

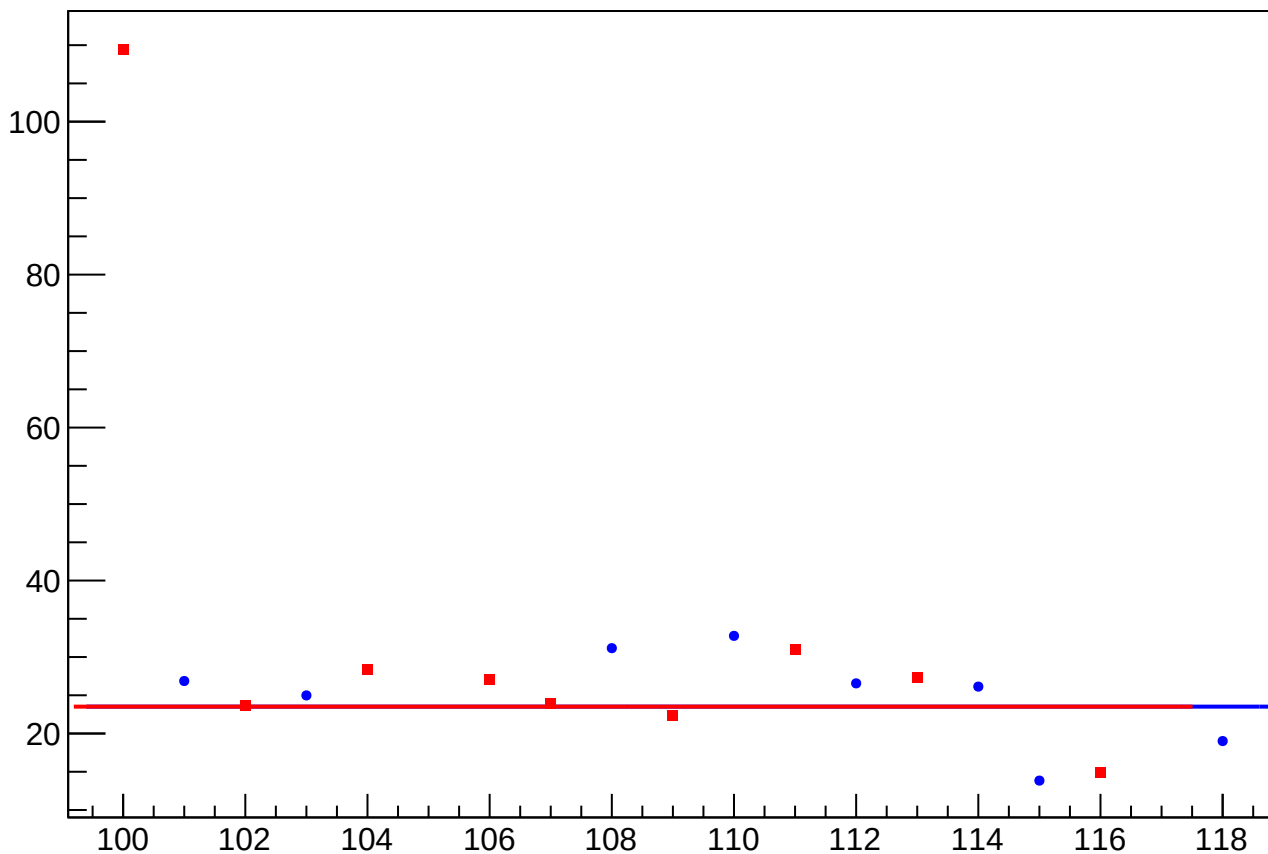
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.516 $\pm$ 0.010 χ^2 /NDF: 330267.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.514 $\pm$ 0.009 χ^2 /NDF: 359431.7/8

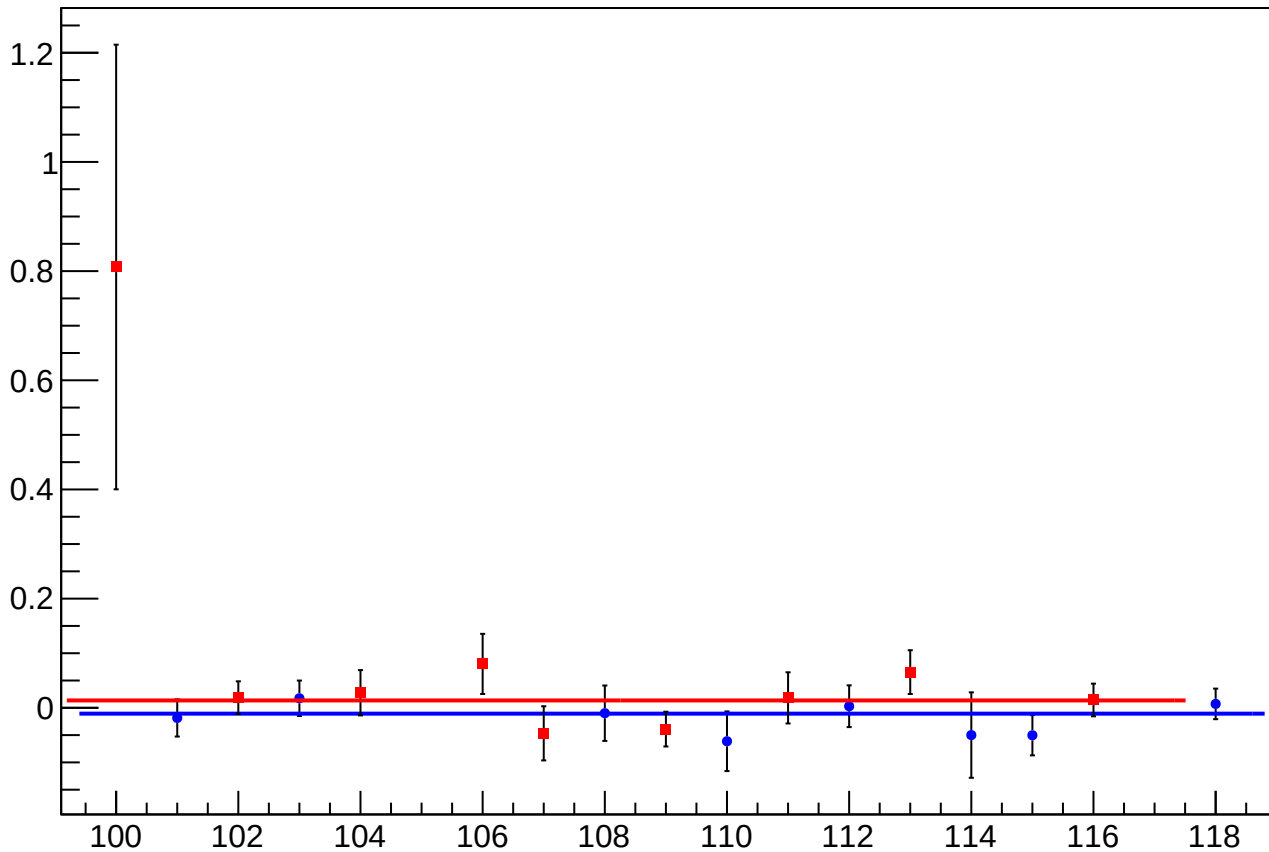
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.515 $\pm$ 0.007 χ^2 /NDF: 689698.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

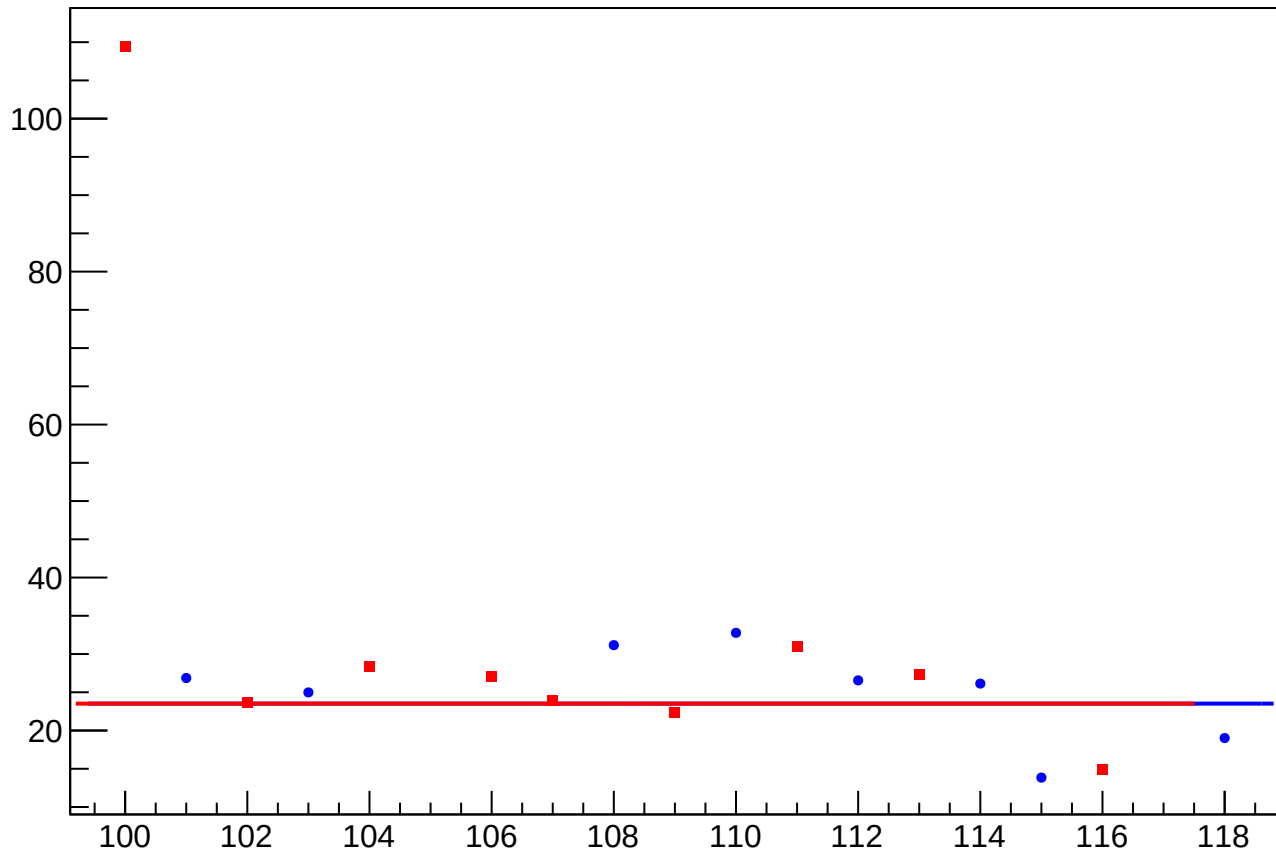
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug



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: 23.514+/-0.009 χ^2/NDF : 359431.7/8

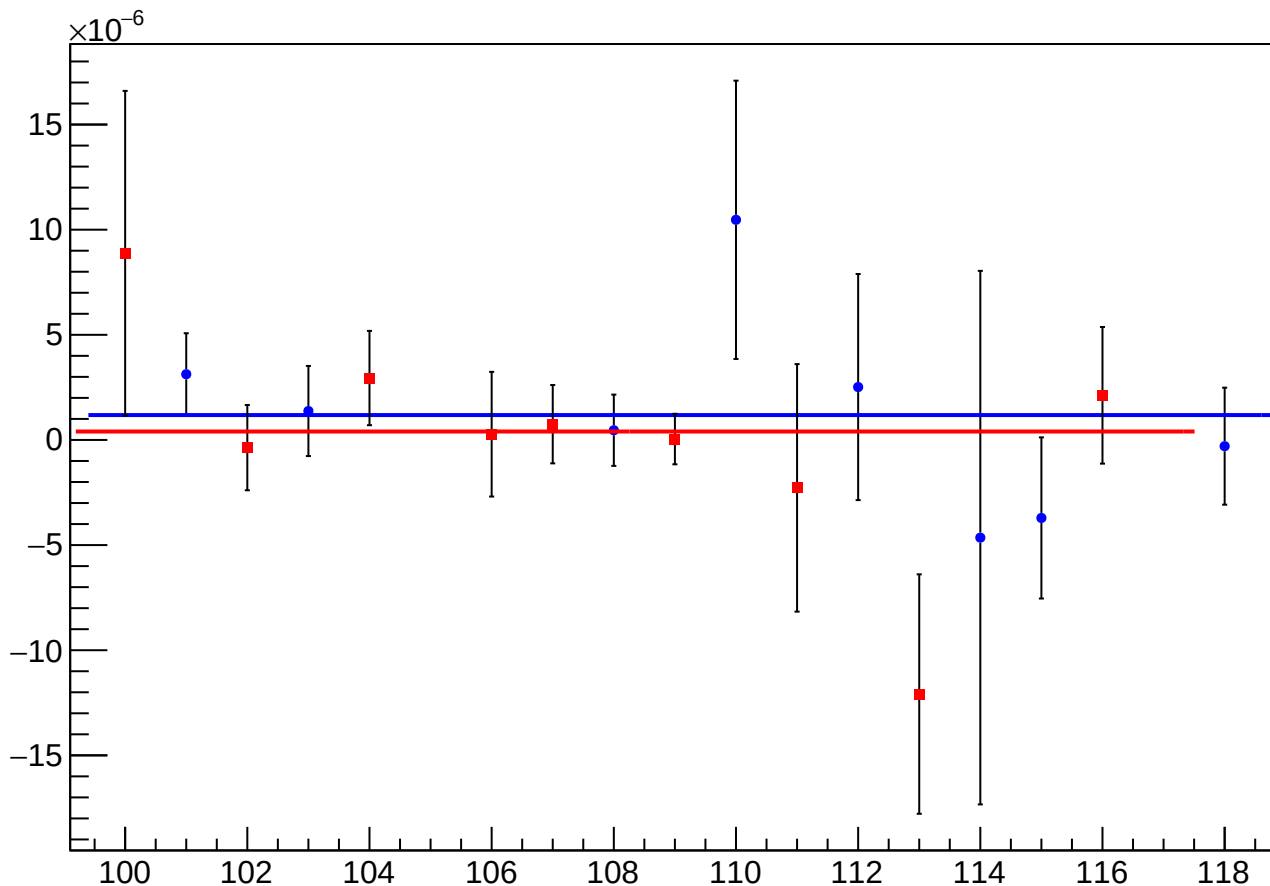
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.515+/-0.007 χ^2/NDF : 689698.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.1/8

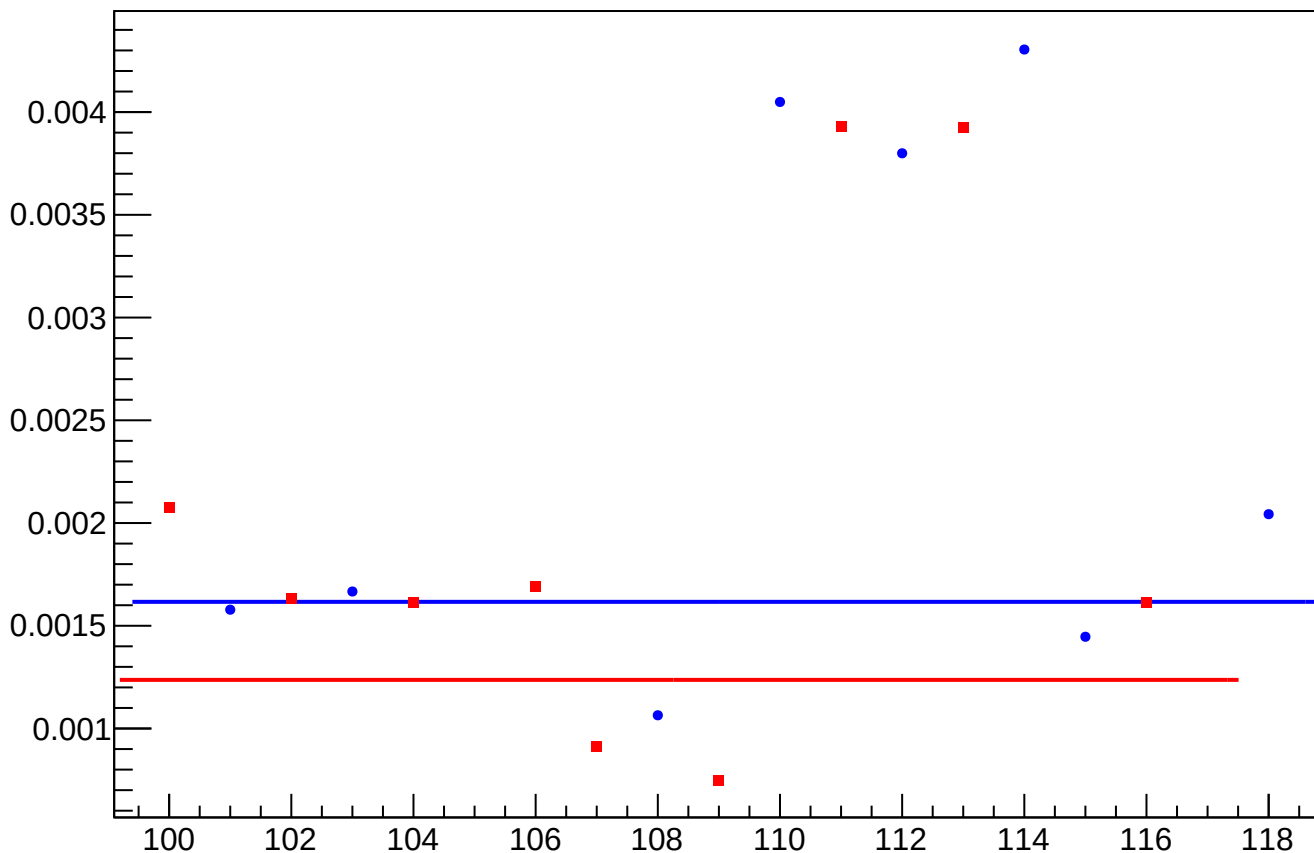
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug



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 : 1486383.8/8

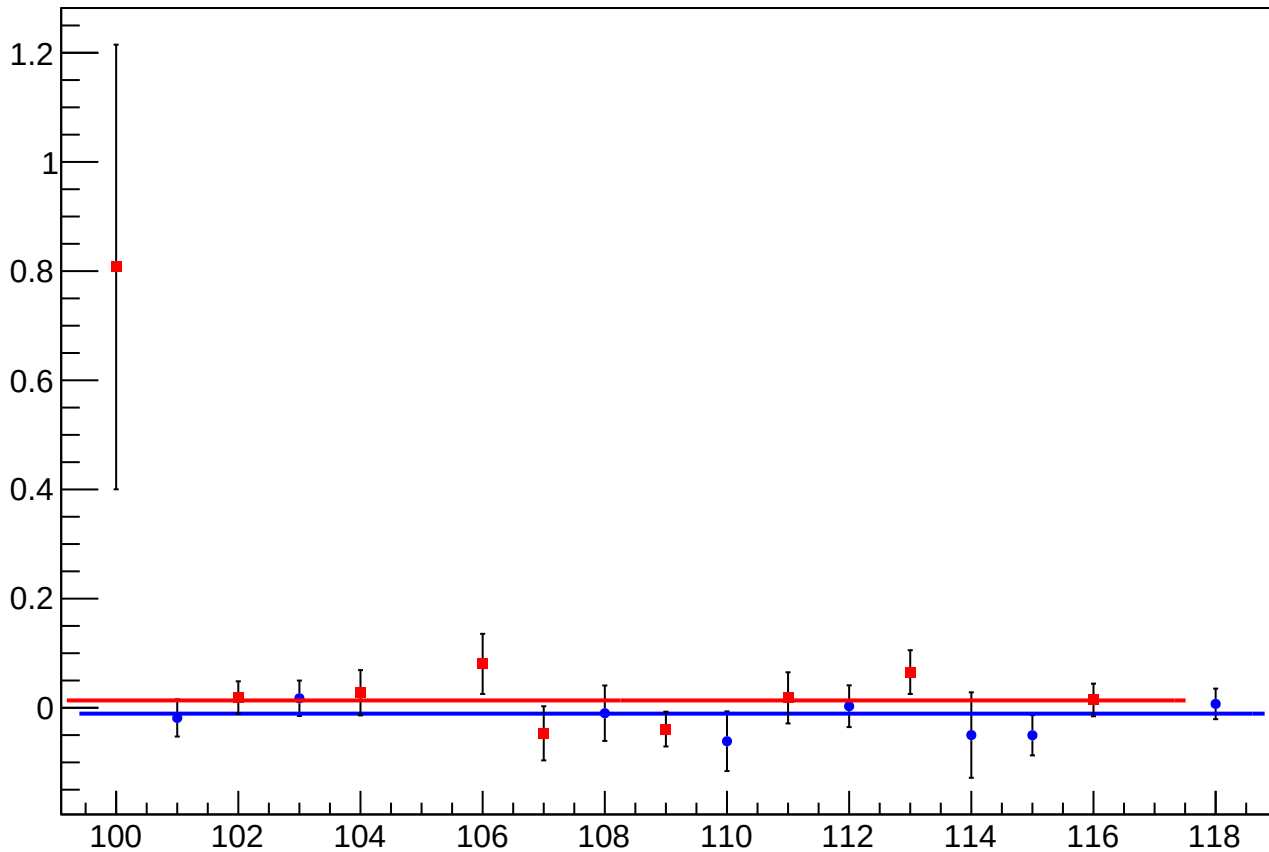
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2633000.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug



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: 0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

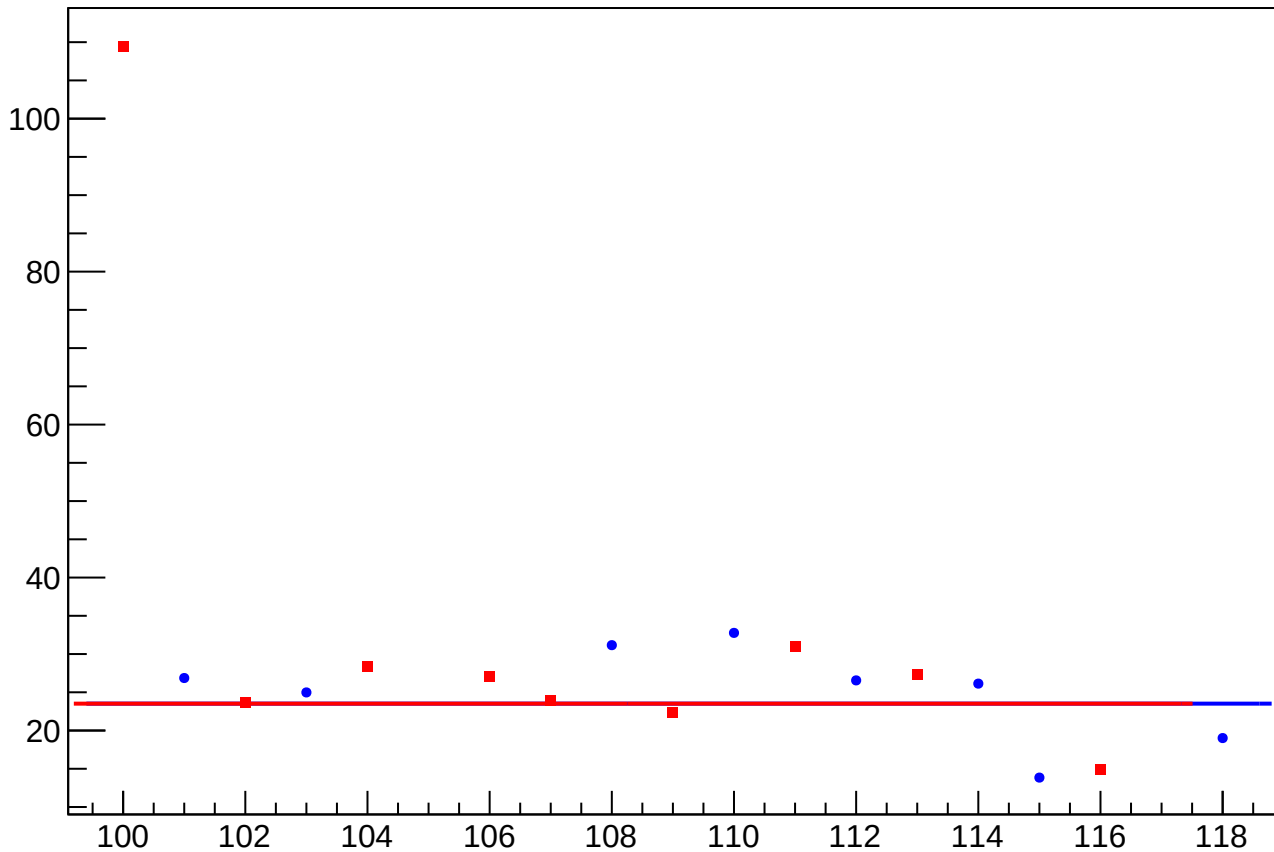
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.515 $\pm$ 0.010 χ^2 /NDF: 330210.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.514 $\pm$ 0.009 χ^2 /NDF: 359332.5/8

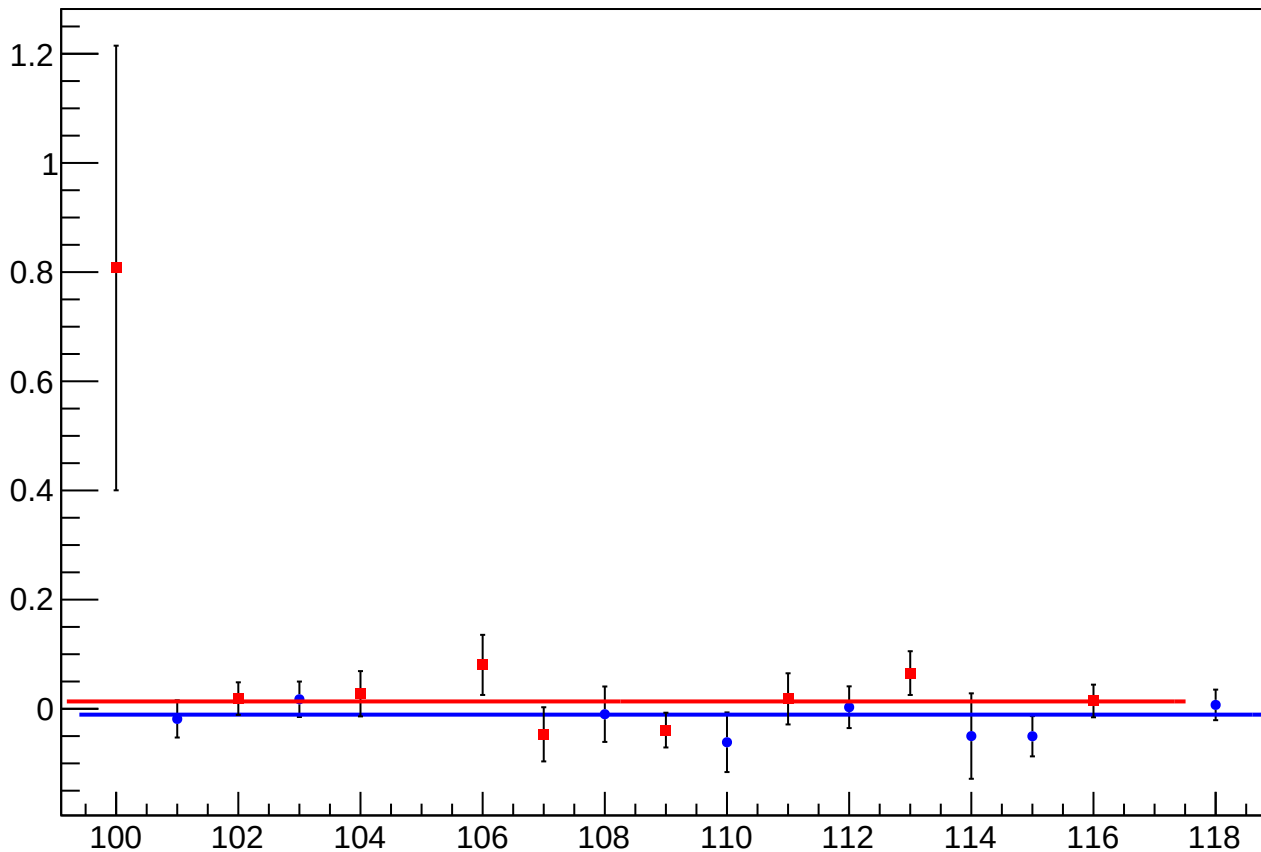
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.515 $\pm$ 0.007 χ^2 /NDF: 689543.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



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: 0.013 $\pm$ 0.013 χ^2 /NDF: 11.3/8

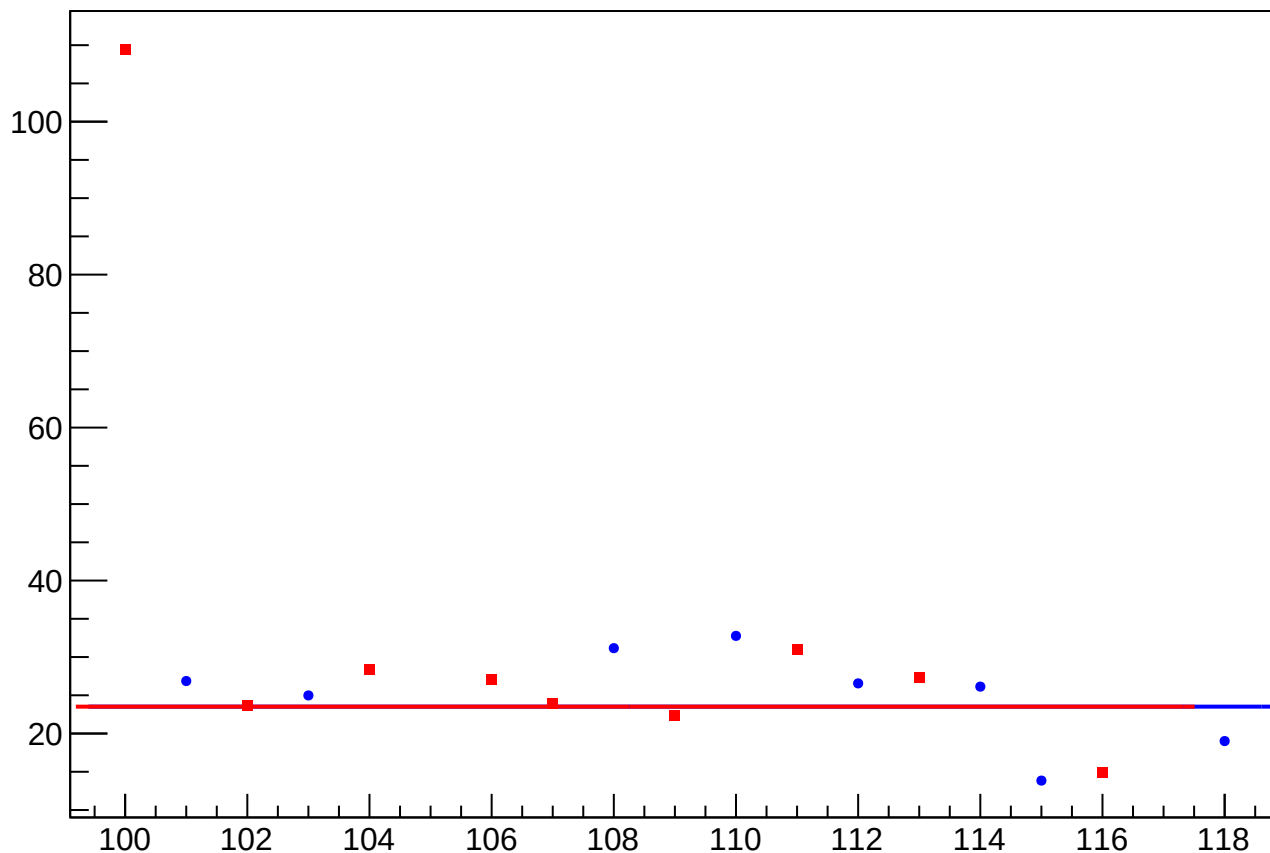
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.010 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



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: 23.514+/-0.009 χ^2/NDF : 359332.5/8

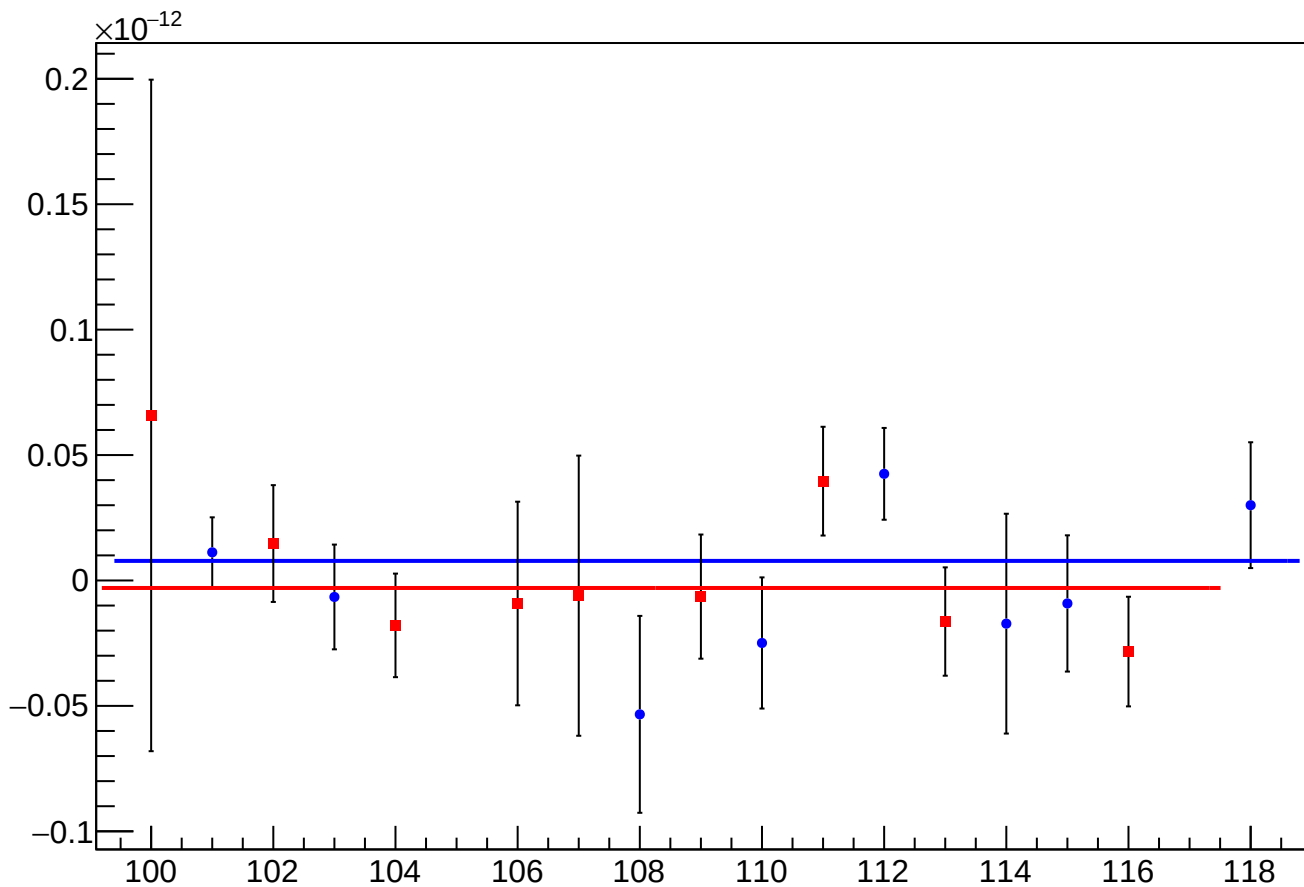
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.515+/-0.007 χ^2/NDF : 689543.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 7.0/8

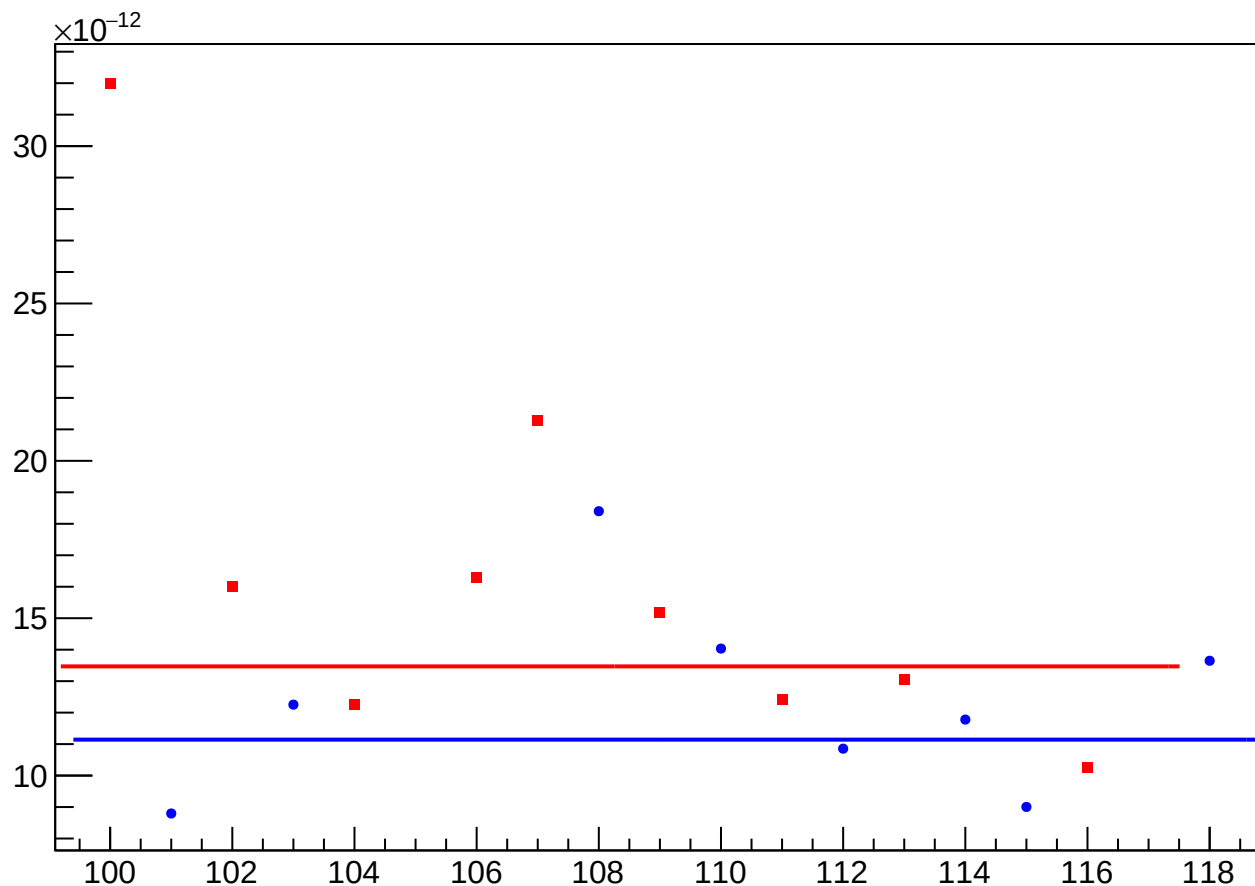
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 17.5/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug



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 : 175973.8/8

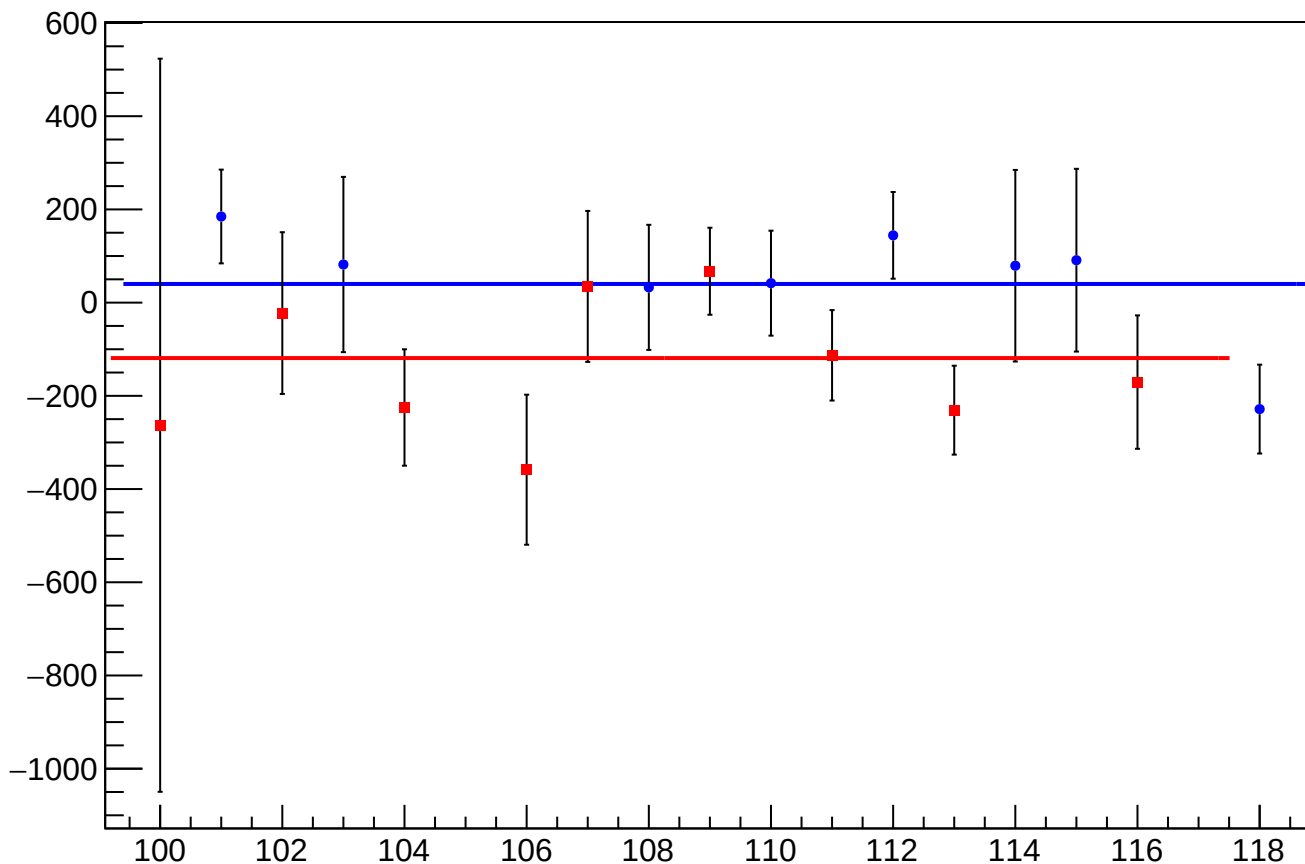
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 442659.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



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: -118.968+/-42.432 χ^2/NDF : 9.7/8

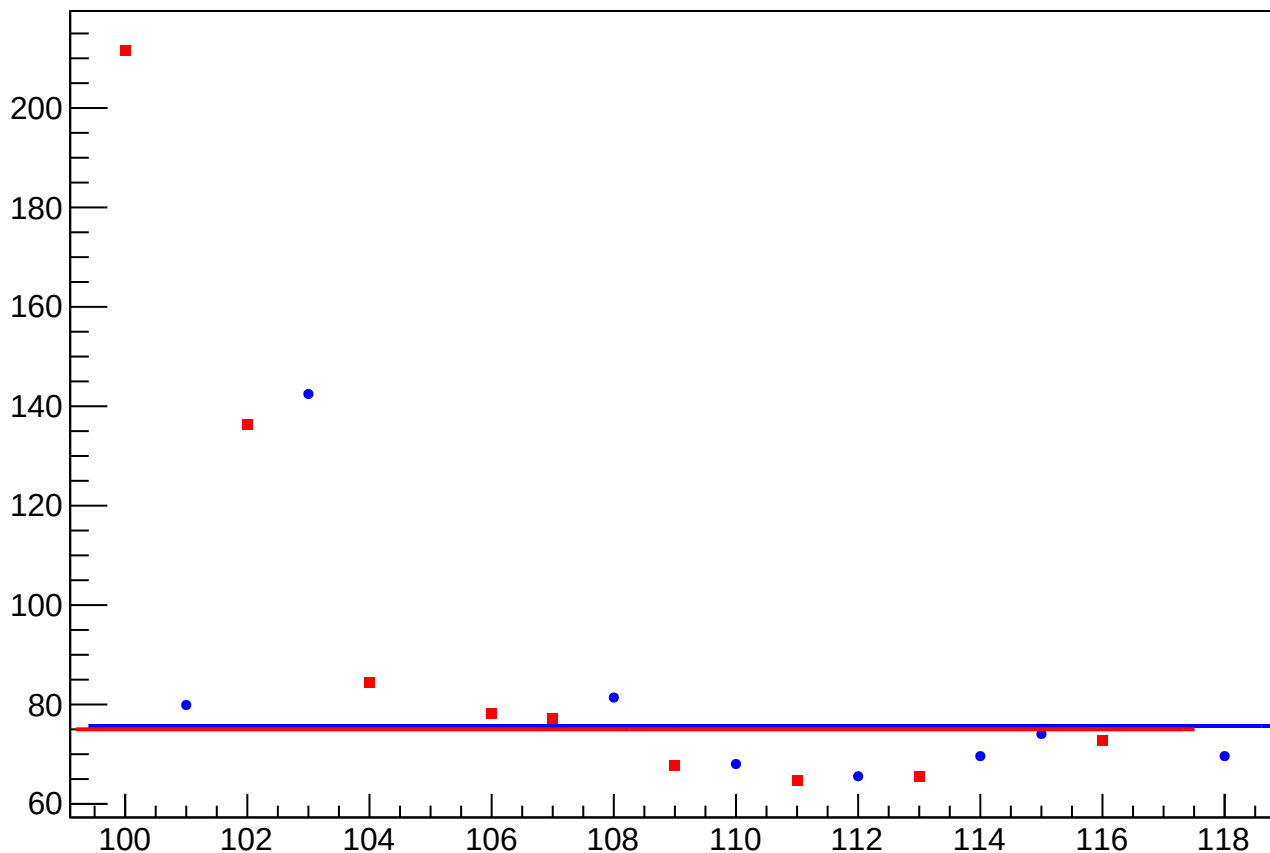
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.816+/-30.257 χ^2/NDF : 28.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 75.674 $\pm$ 0.031 χ^2 /NDF: 302364.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.002 $\pm$ 0.030 χ^2 /NDF: 377900.9/8

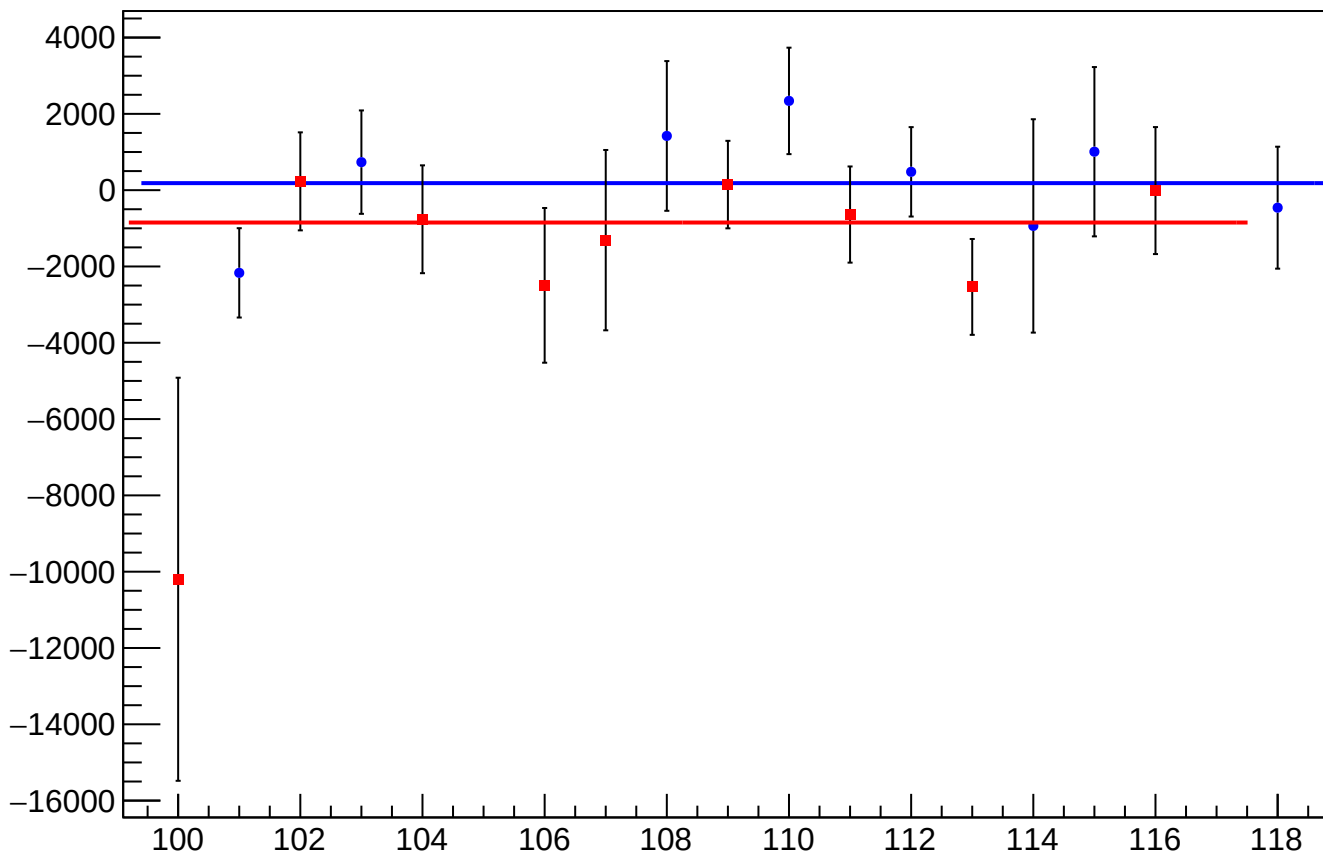
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.332 $\pm$ 0.021 χ^2 /NDF: 680512.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: 184.390 $\pm$ 534.647 χ^2 /NDF: 7.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -848.326 $\pm$ 503.169 χ^2 /NDF: 7.4/8

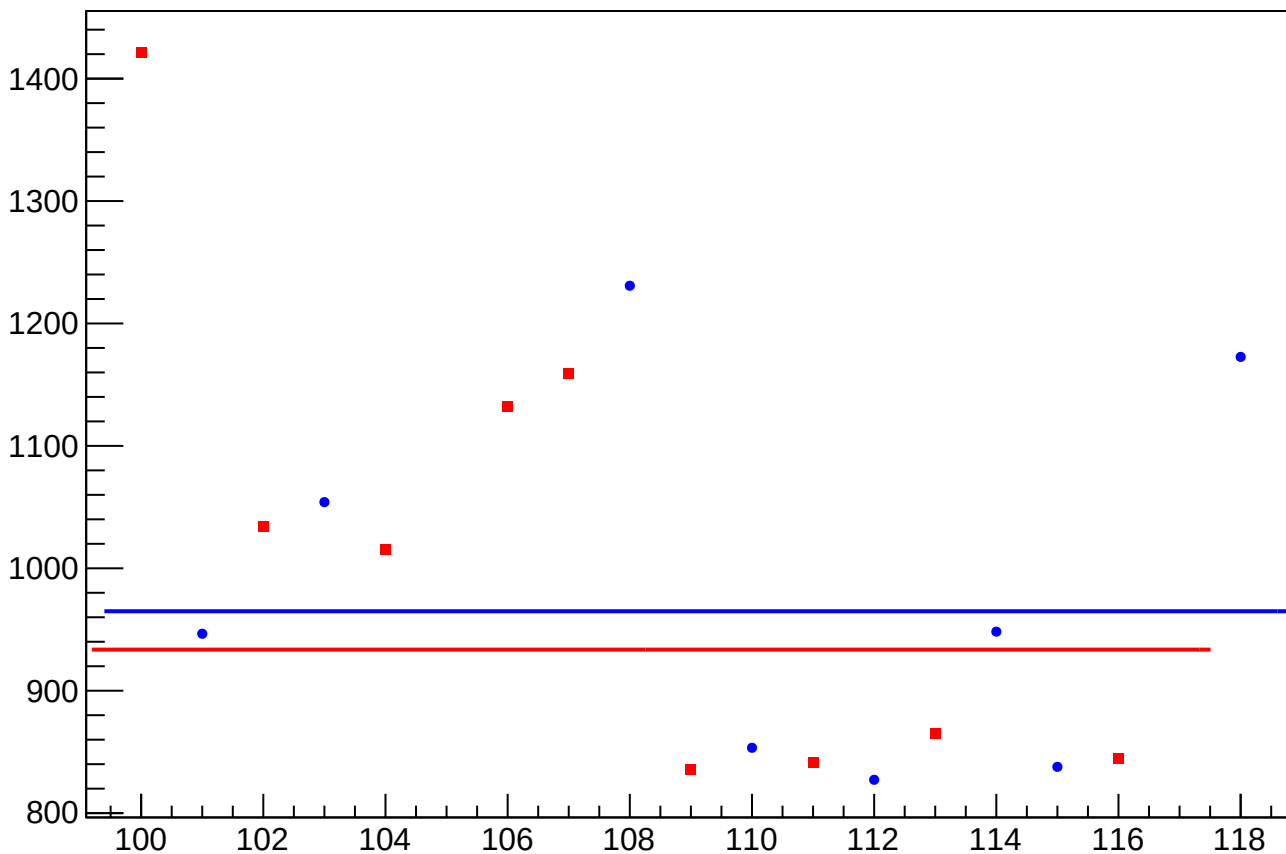
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -363.263 $\pm$ 366.418 χ^2 /NDF: 16.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



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: 933.579+/-0.356 χ^2/NDF : 110360.6/8

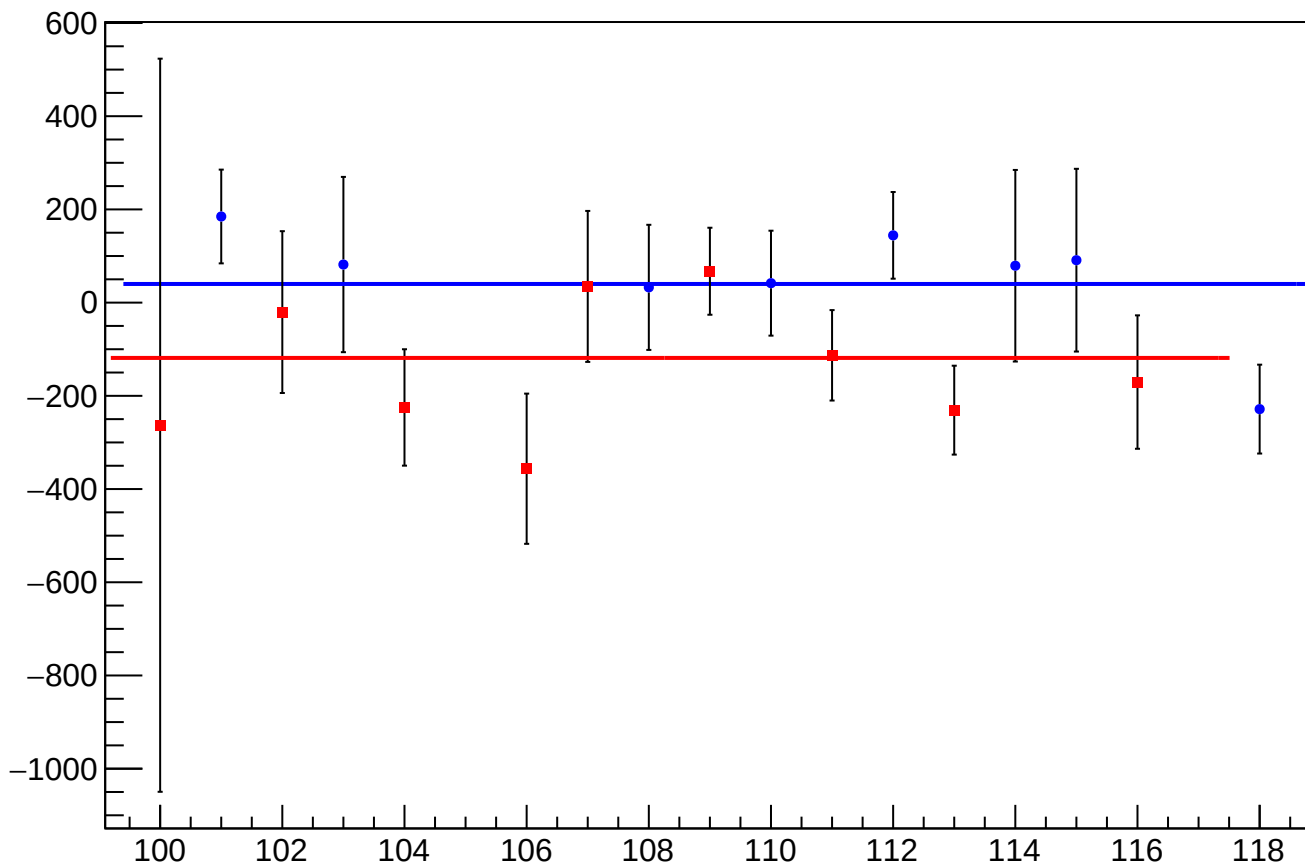
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 948.300+/-0.259 χ^2/NDF : 240702.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



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: -118.659+/-42.436 χ^2/NDF : 9.6/8

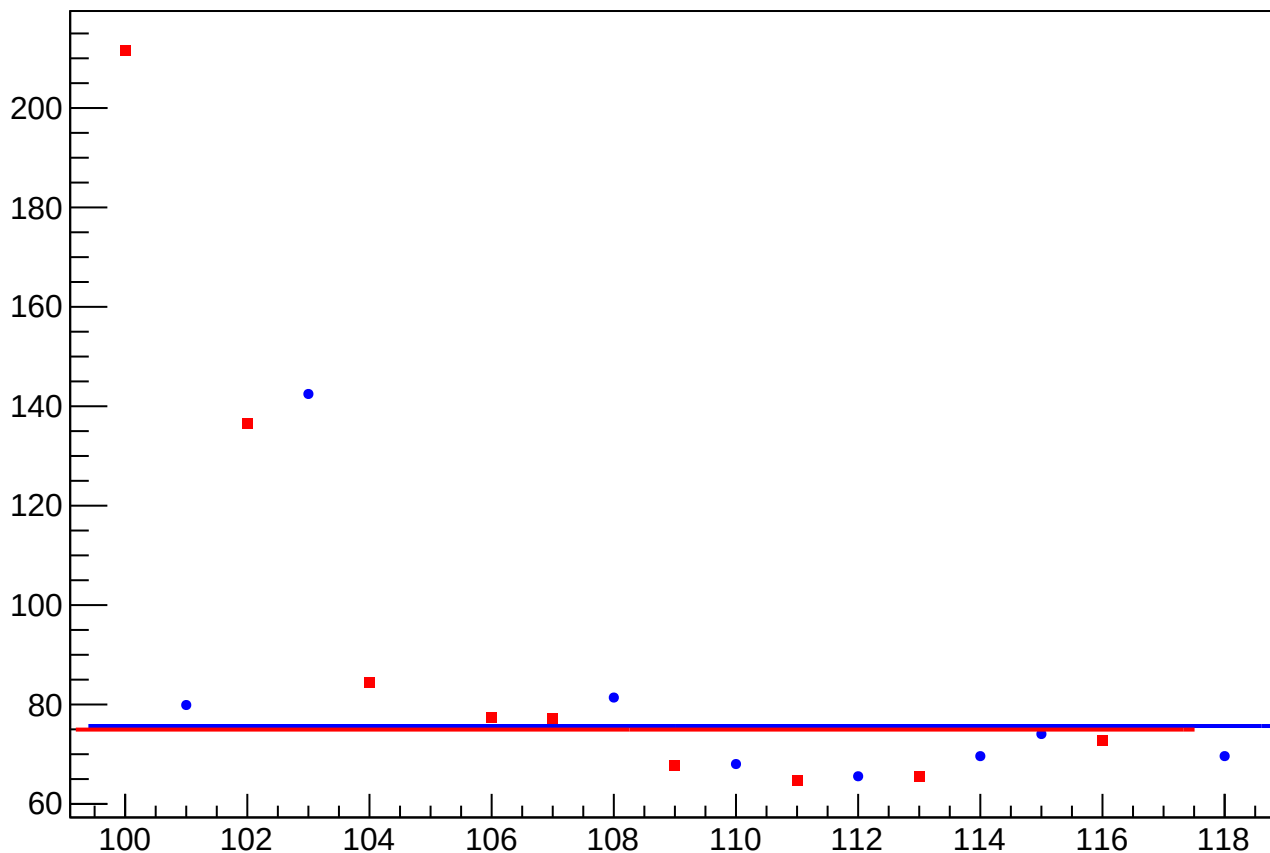
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.657+/-30.259 χ^2/NDF : 27.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 75.674 $\pm$ 0.031 χ^2 /NDF: 302367.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.953 $\pm$ 0.030 χ^2 /NDF: 377873.2/8

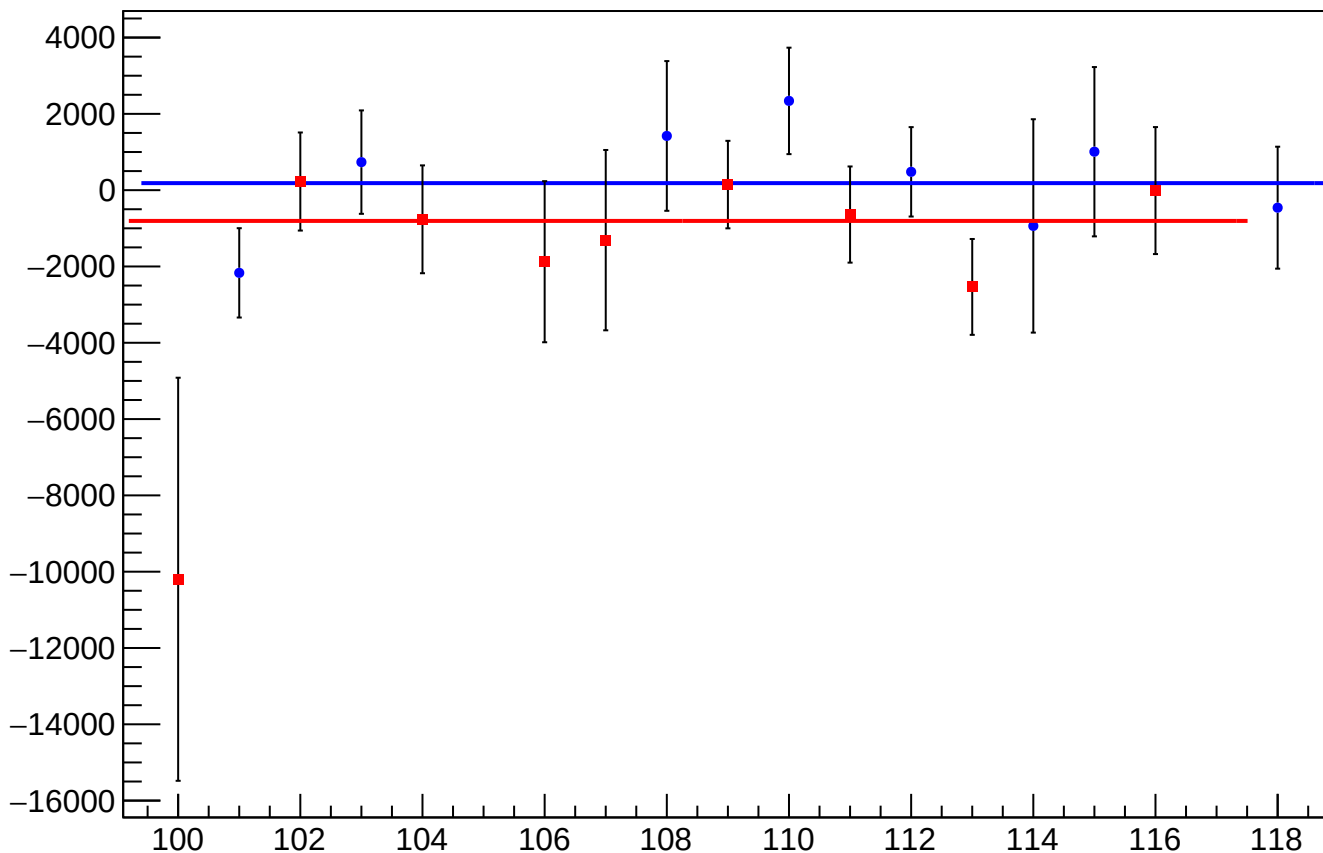
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.308 $\pm$ 0.021 χ^2 /NDF: 680525.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



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: -806.080+/-504.433 χ^2/NDF : 6.9/8

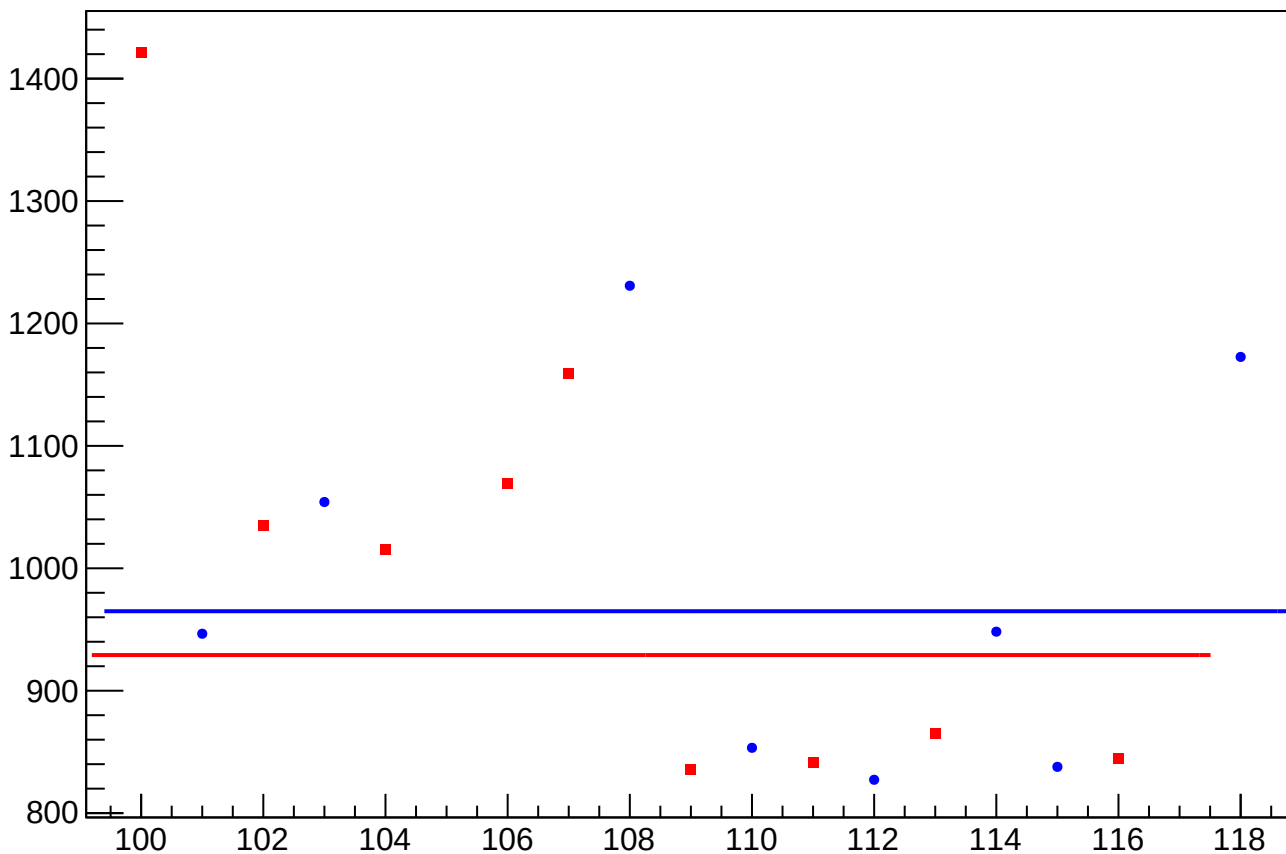
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.590+/-366.907 χ^2/NDF : 16.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



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: 929.142+/-0.357 χ^2/NDF : 99485.5/8

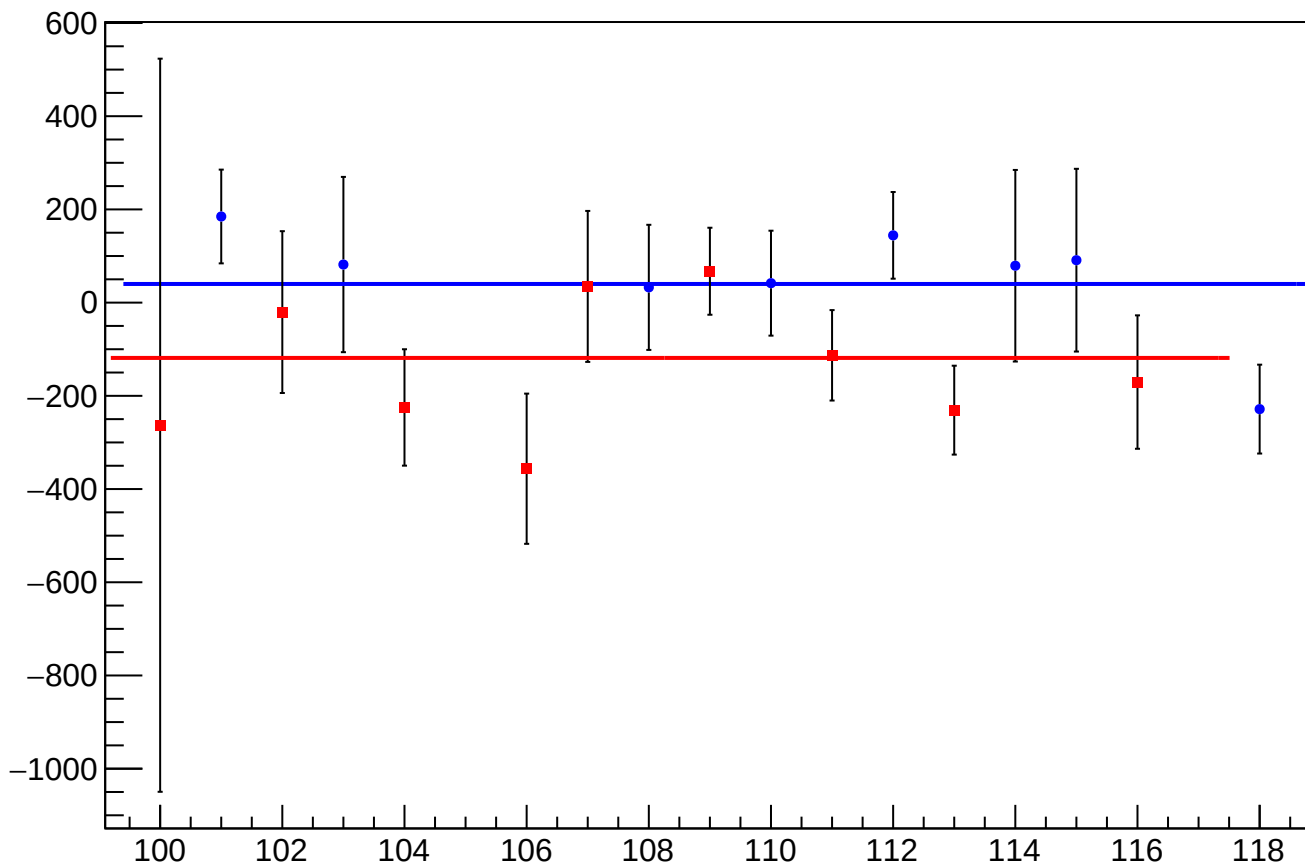
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.996+/-0.259 χ^2/NDF : 230938.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



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: -118.659+/-42.436 χ^2/NDF : 9.6/8

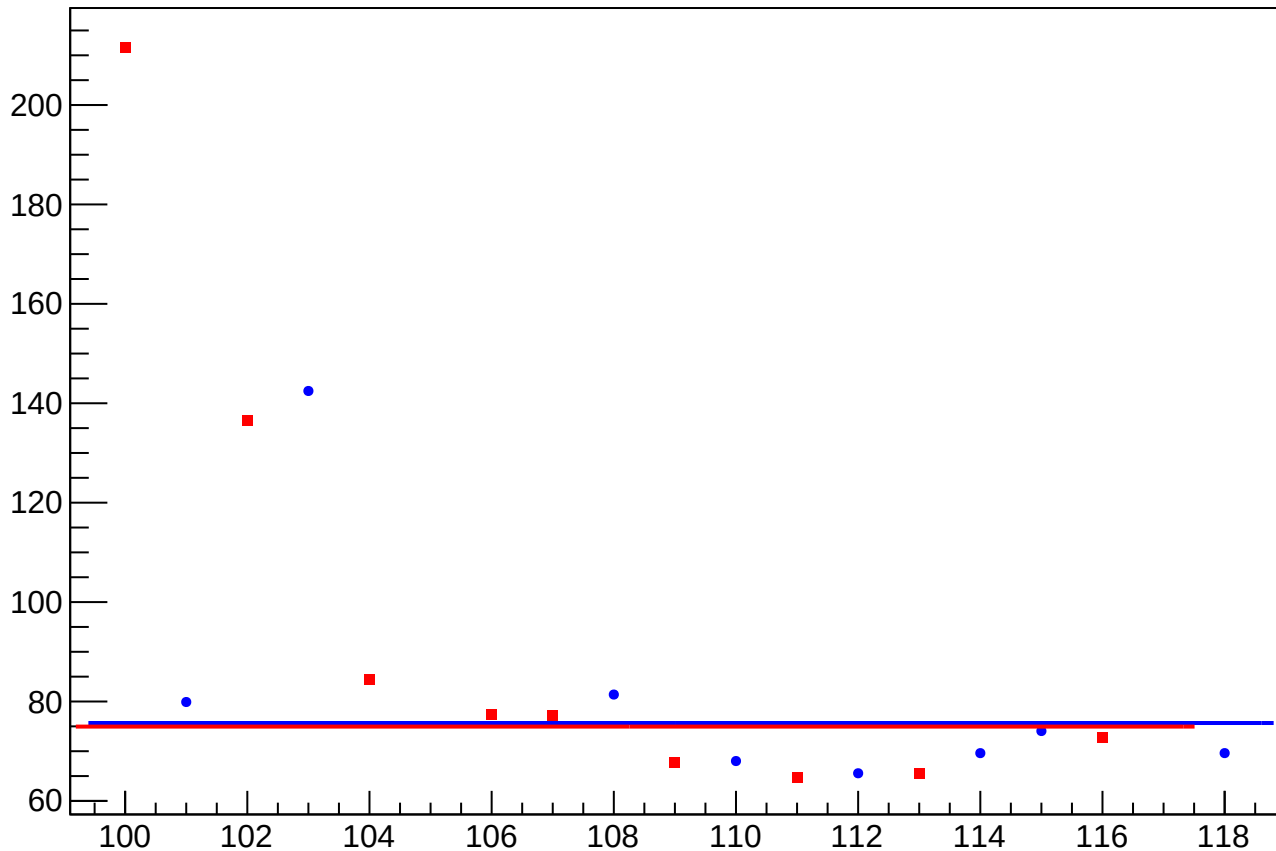
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.657+/-30.259 χ^2/NDF : 27.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 75.674 $\pm$ 0.031 χ^2 /NDF: 302367.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.953 $\pm$ 0.030 χ^2 /NDF: 377873.2/8

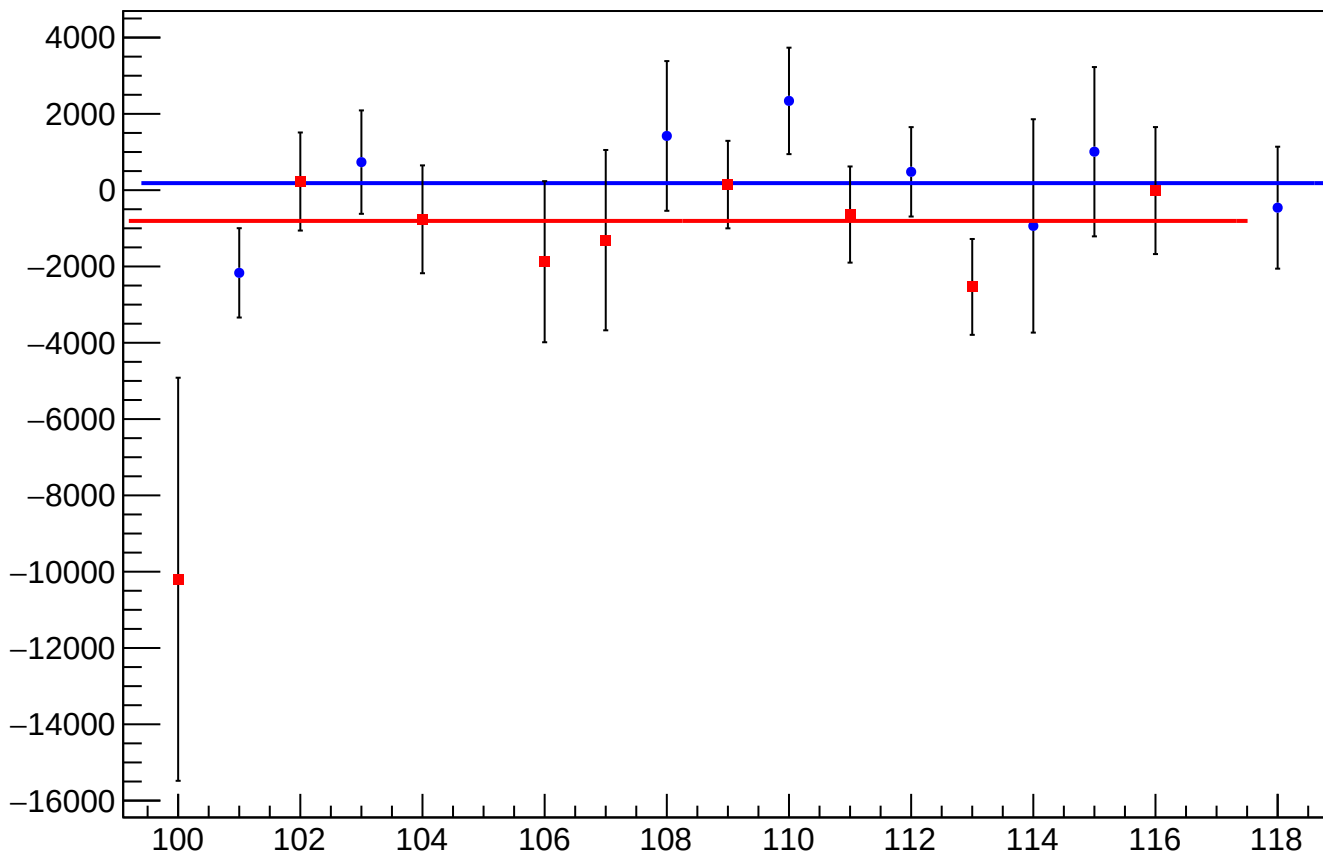
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.308 $\pm$ 0.021 χ^2 /NDF: 680525.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



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: -806.080+/-504.433 χ^2/NDF : 6.9/8

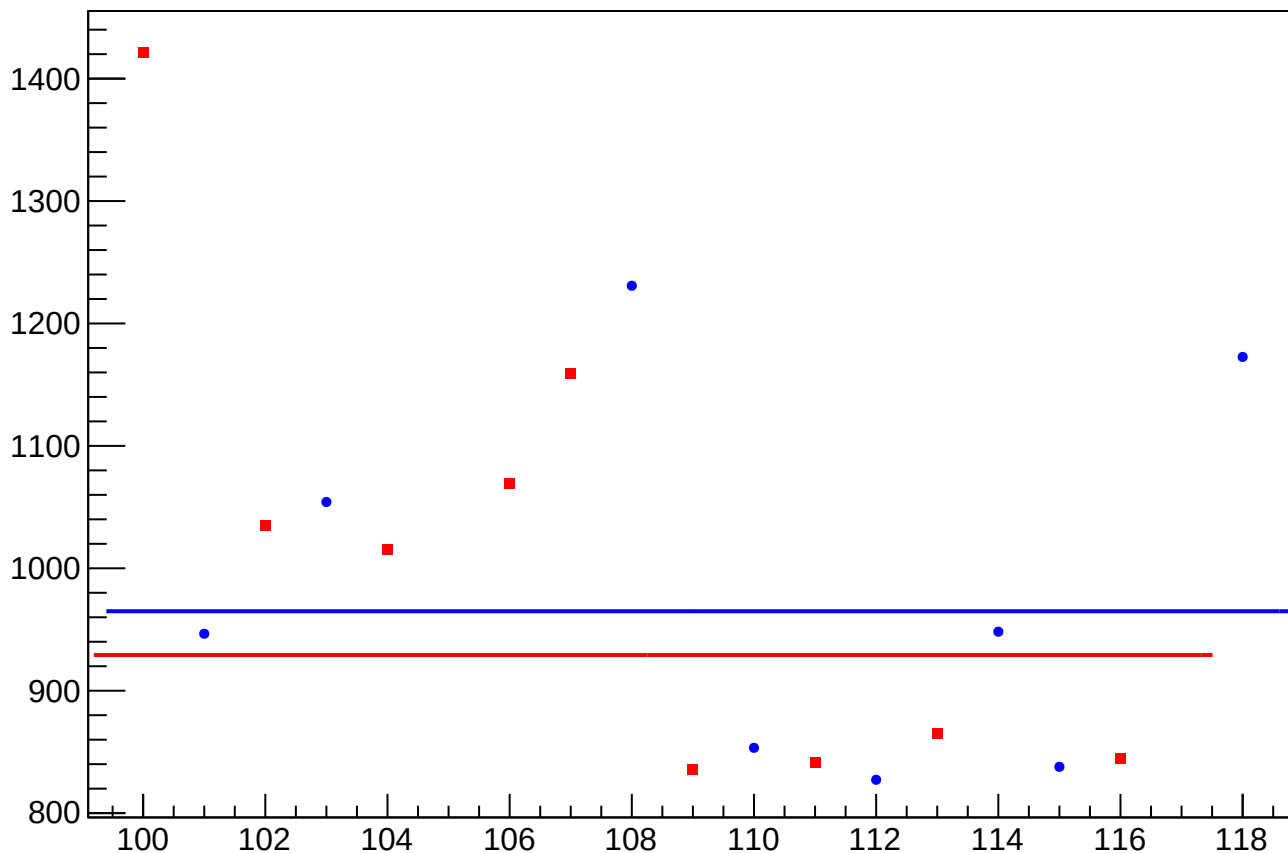
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -339.590+/-366.907 χ^2/NDF : 16.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



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: 929.142+/-0.357 χ^2/NDF : 99485.5/8

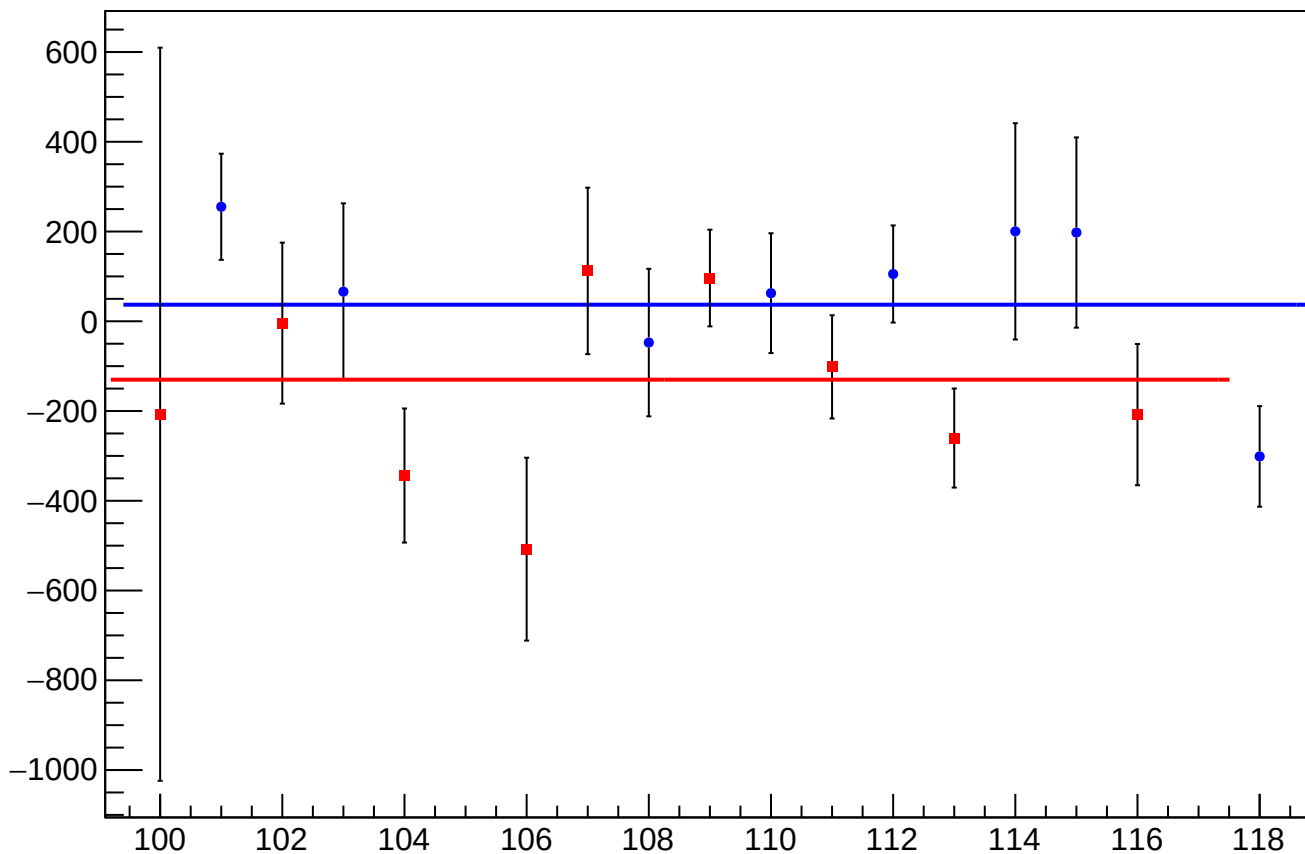
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 945.996+/-0.259 χ^2/NDF : 230938.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 36.908 $\pm$ 50.327 χ^2 /NDF: 14.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -130.097 $\pm$ 49.101 χ^2 /NDF: 13.8/8

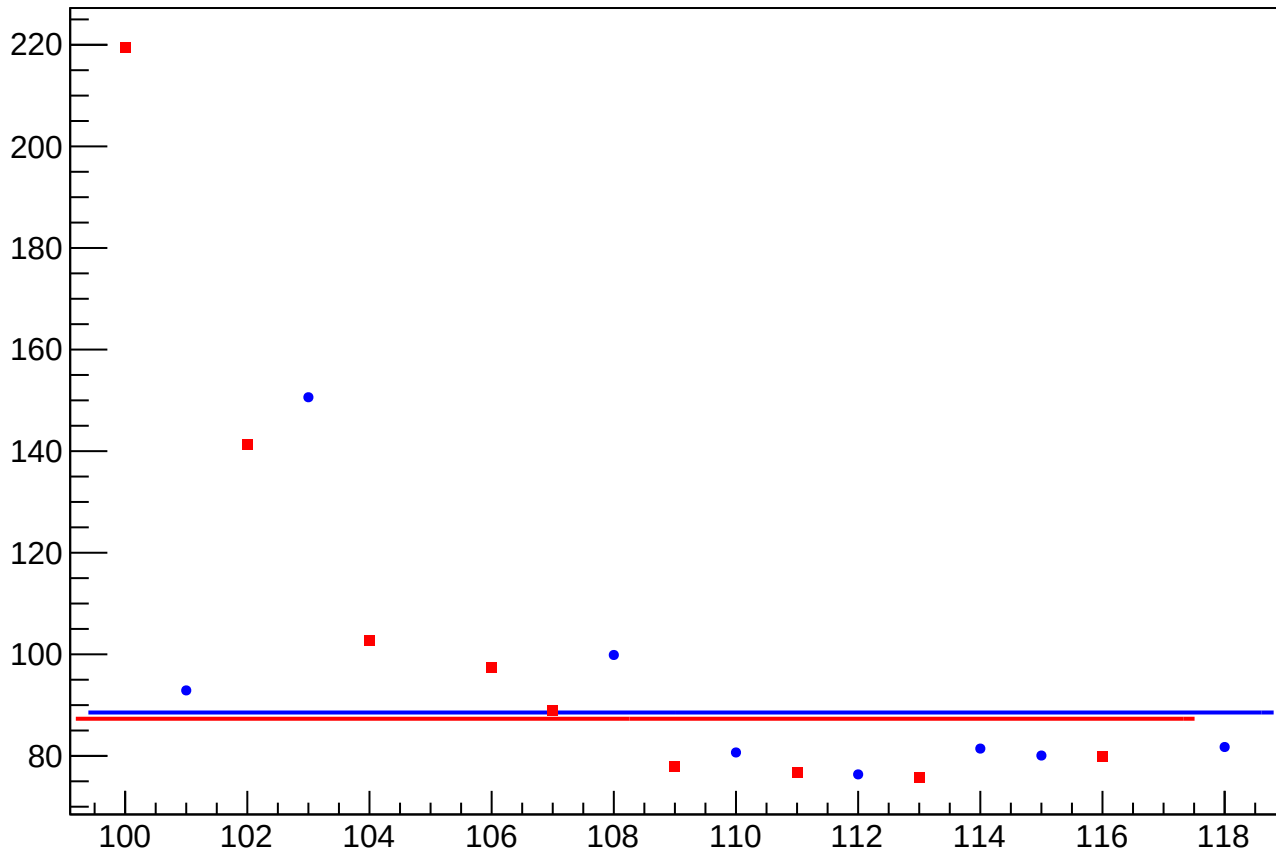
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -48.653 $\pm$ 35.145 χ^2 /NDF: 33.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 88.546+/-0.036 χ^2/NDF : 255663.3/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.318+/-0.035 χ^2/NDF : 318269.2/8

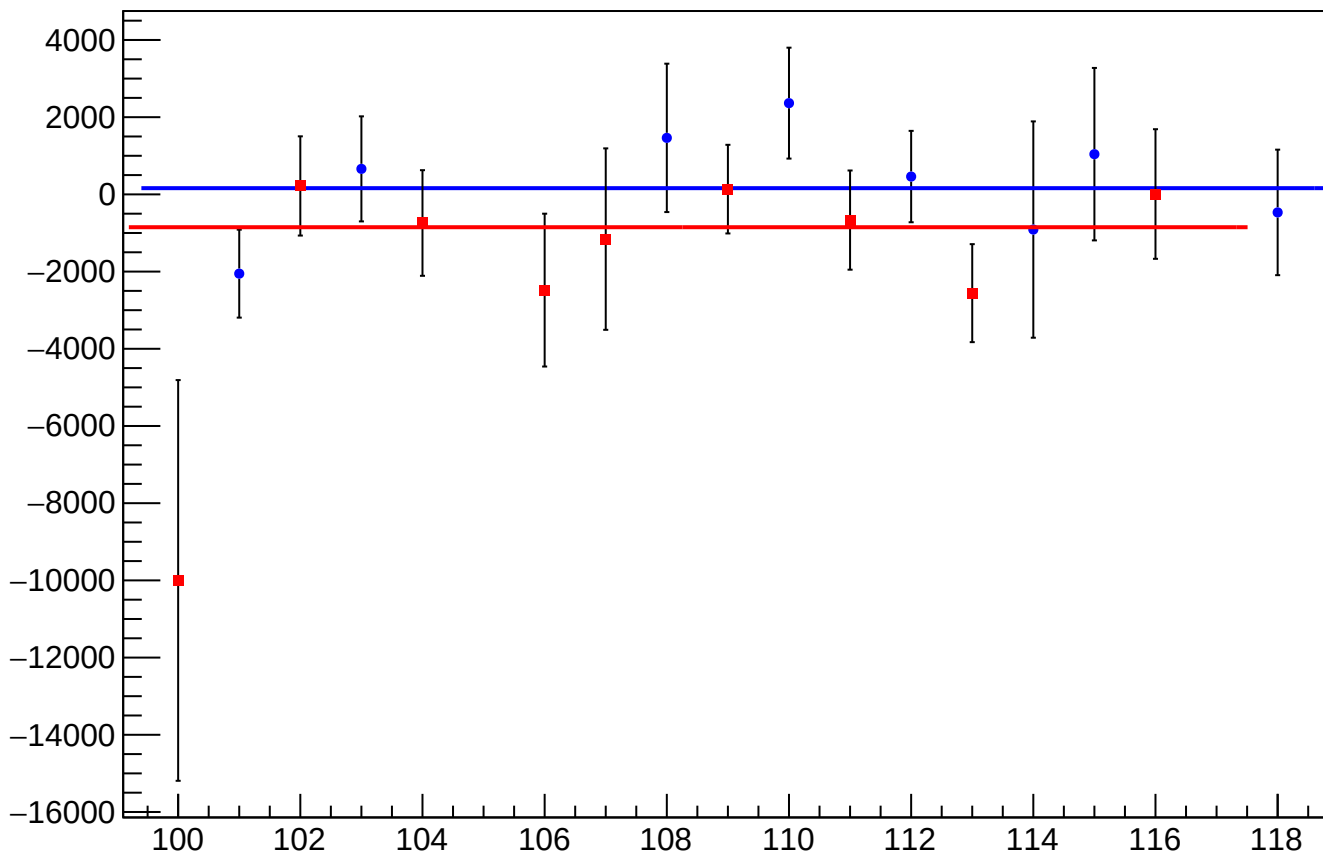
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.917+/-0.025 χ^2/NDF : 574543.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: 161.203 $\pm$ 535.648 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -850.607 $\pm$ 502.990 χ^2 /NDF: 7.3/8

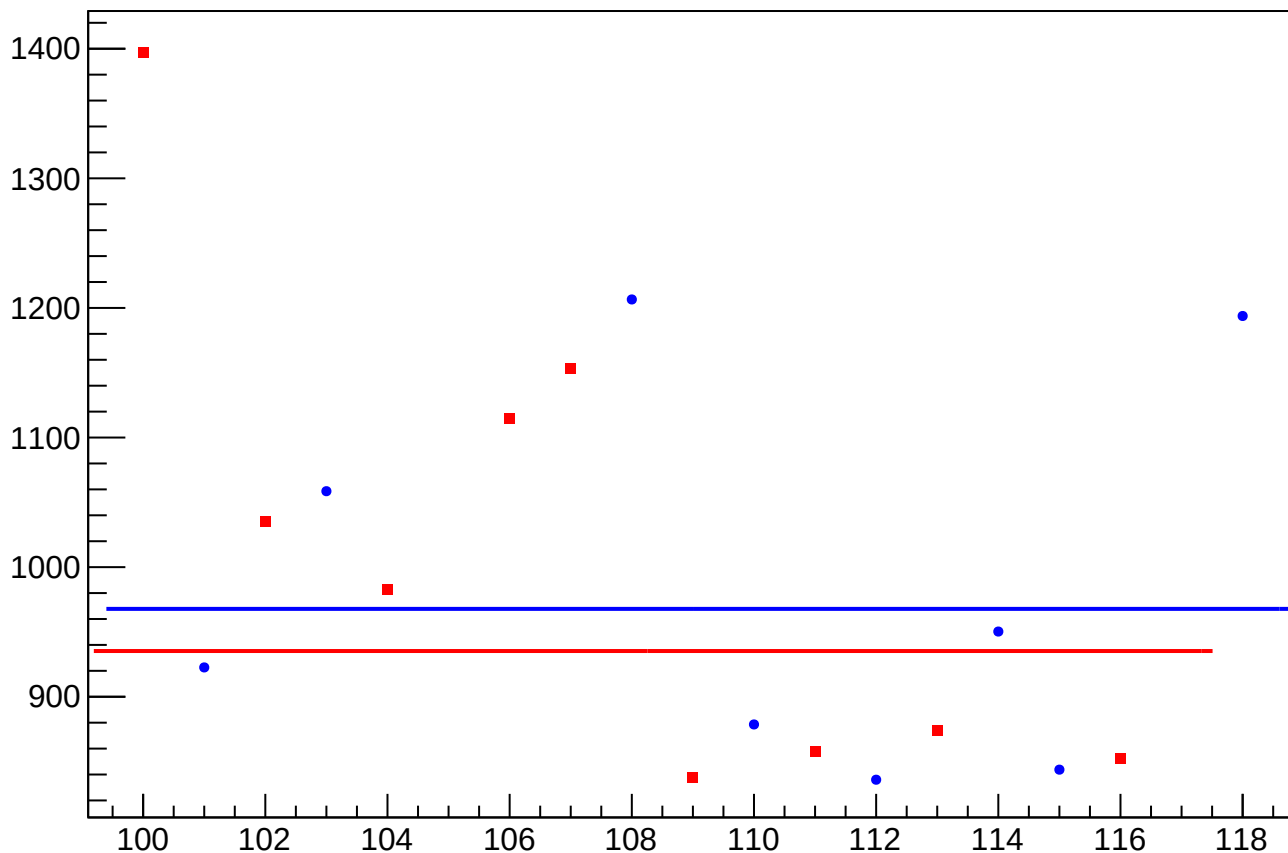
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -376.485 $\pm$ 366.670 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 967.803 $\pm$ 0.379 χ^2 /NDF: 120297.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.288 $\pm$ 0.356 χ^2 /NDF: 95113.7/8

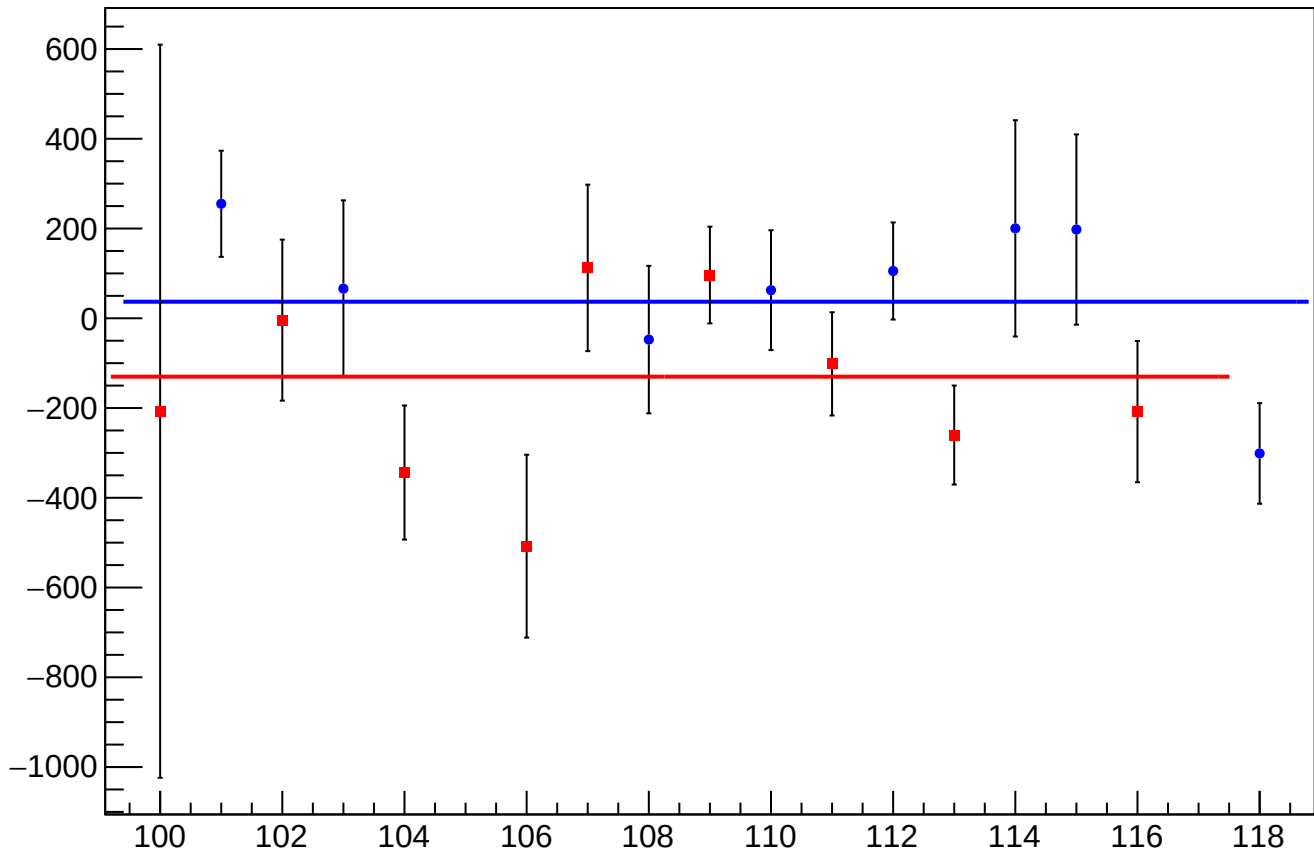
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 950.524 $\pm$ 0.259 χ^2 /NDF: 219327.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



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: -130.094+/-49.100 χ^2/NDF : 13.8/8

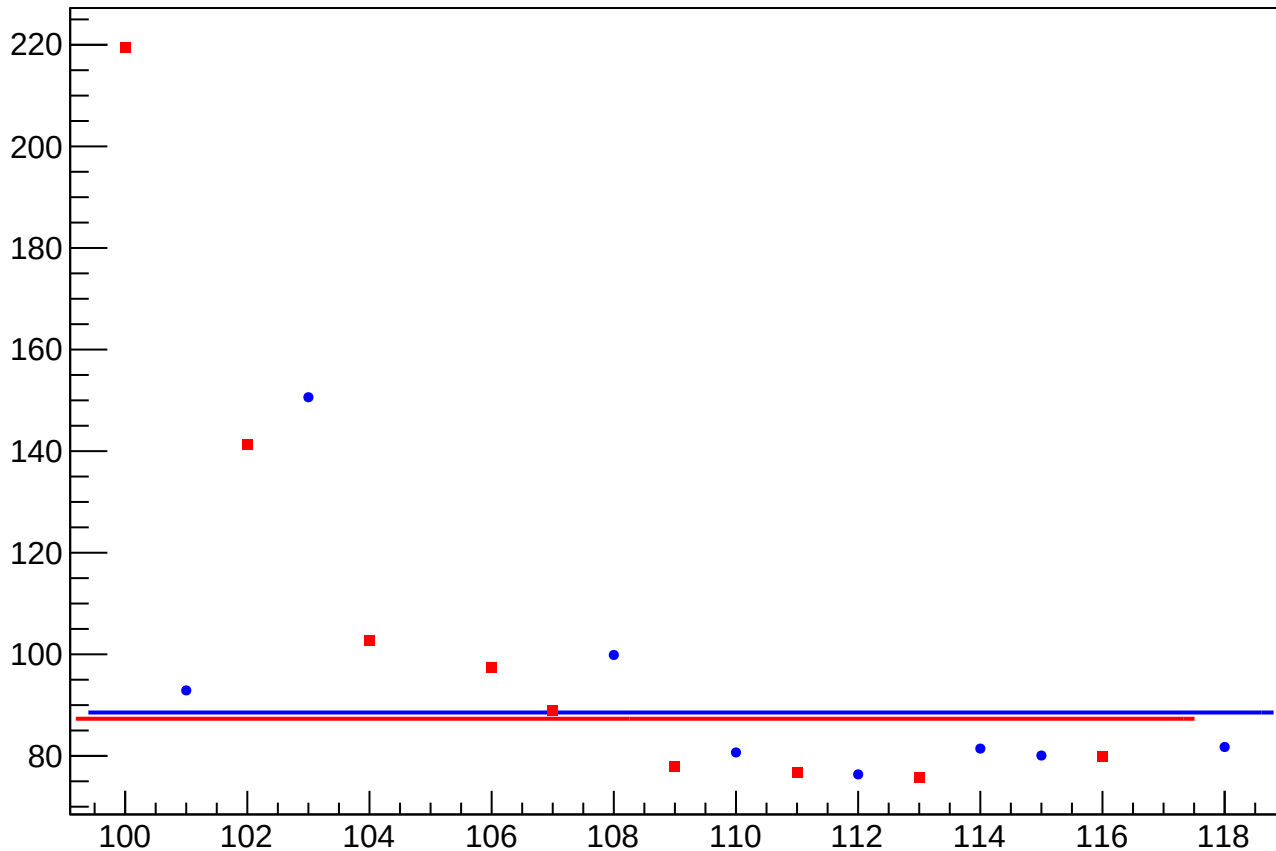
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.653+/-35.145 χ^2/NDF : 33.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 88.546 $\pm$ 0.036 χ^2 /NDF: 255668.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.318 $\pm$ 0.035 χ^2 /NDF: 318278.5/8

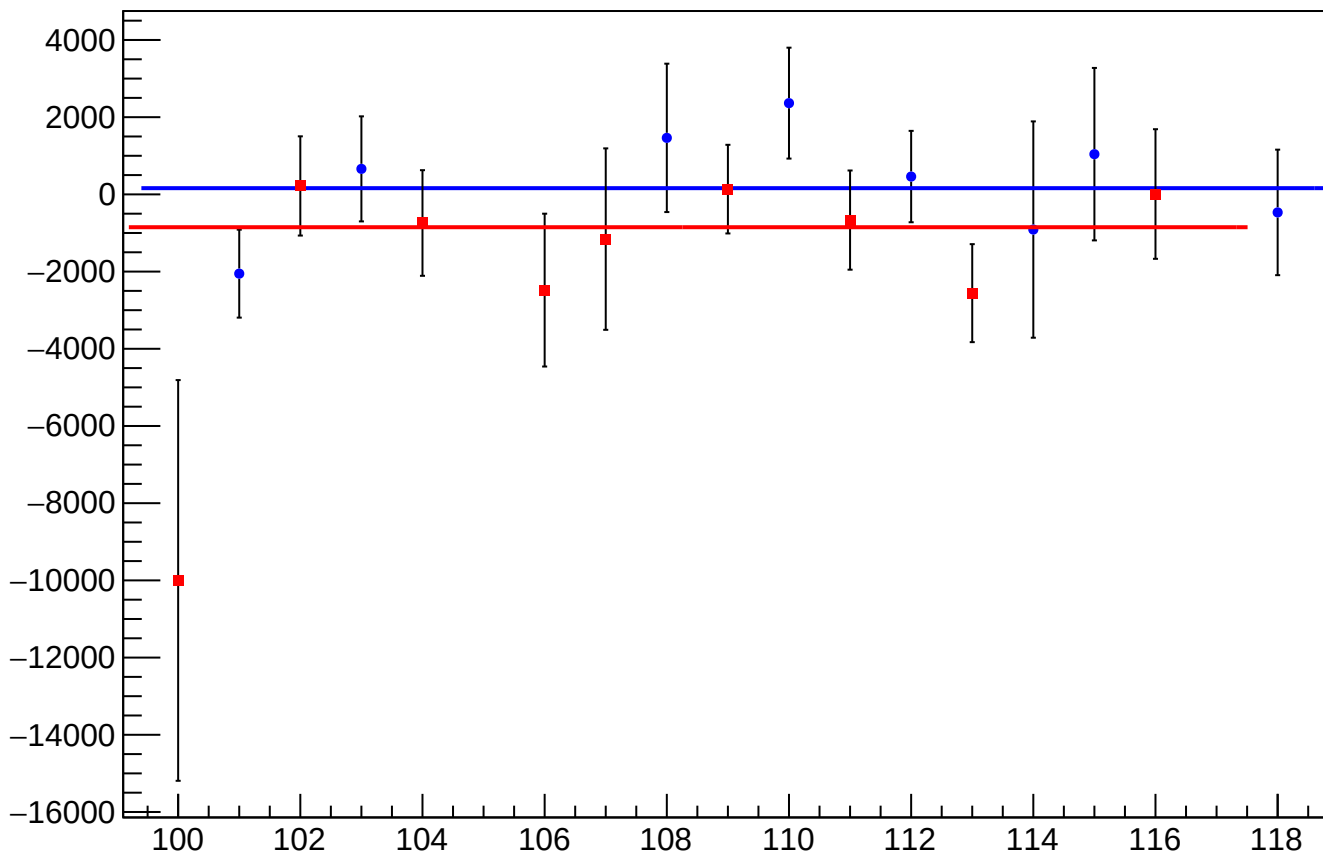
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.917 $\pm$ 0.025 χ^2 /NDF: 574557.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: 161.204 $\pm$ 535.646 χ^2 /NDF: 7.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -850.605 $\pm$ 502.988 χ^2 /NDF: 7.3/8

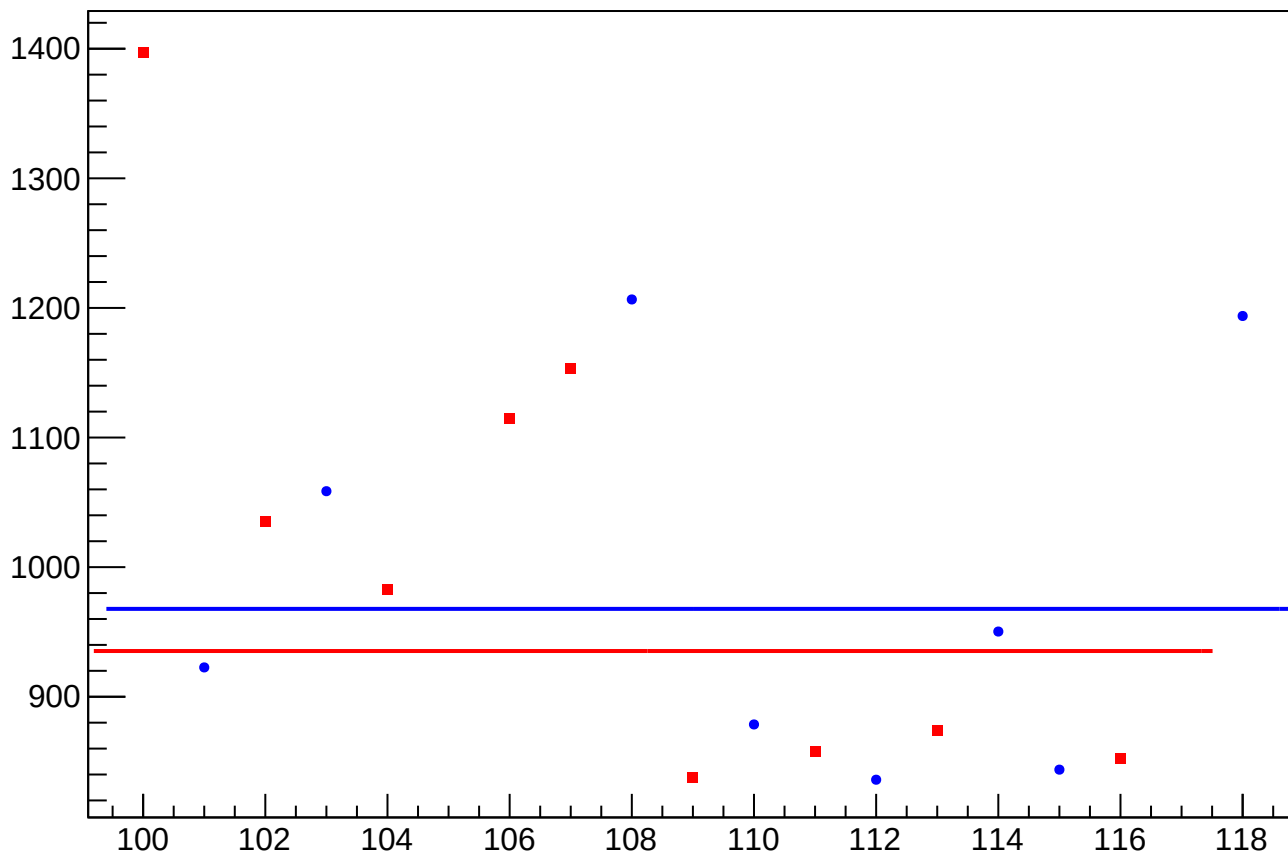
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -376.483 $\pm$ 366.669 χ^2 /NDF: 16.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 967.800 $\pm$ 0.379 χ^2 /NDF: 120299.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.285 $\pm$ 0.356 χ^2 /NDF: 95115.1/8

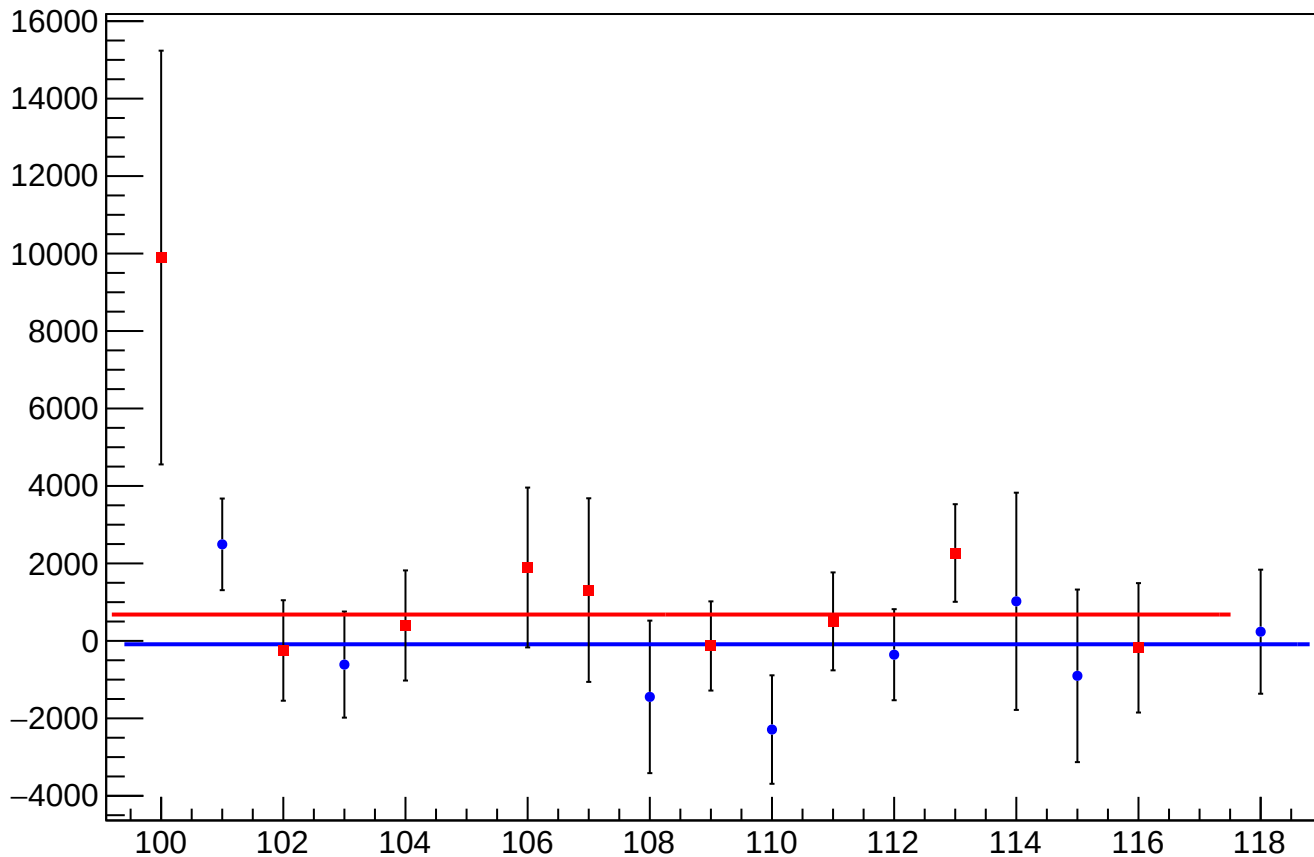
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 950.521 $\pm$ 0.259 χ^2 /NDF: 219331.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: -87.292 $\pm$ 537.739 χ^2 /NDF: 8.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 680.429 $\pm$ 506.037 χ^2 /NDF: 6.3/8

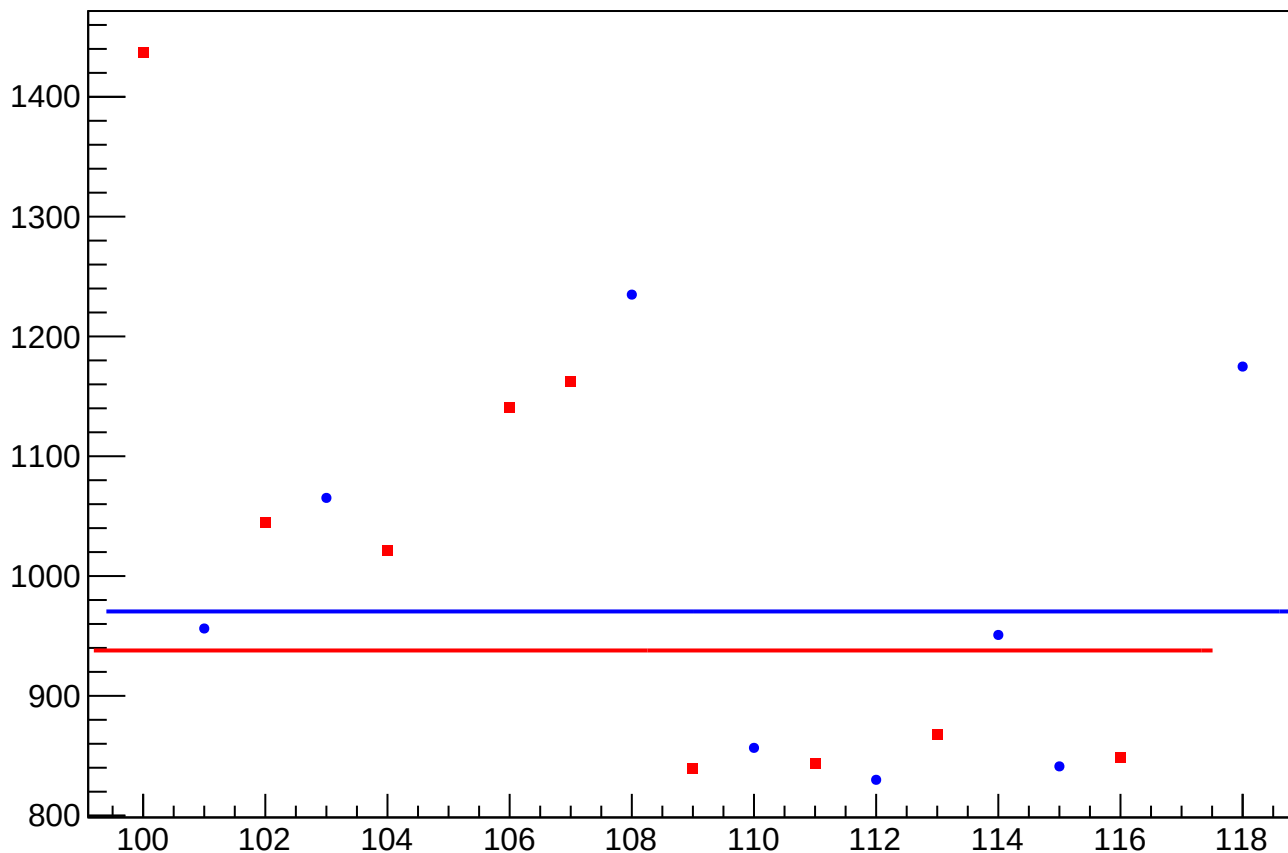
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.865 $\pm$ 368.520 χ^2 /NDF: 15.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug



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: 937.877+/-0.358 χ^2/NDF : 112794.4/8

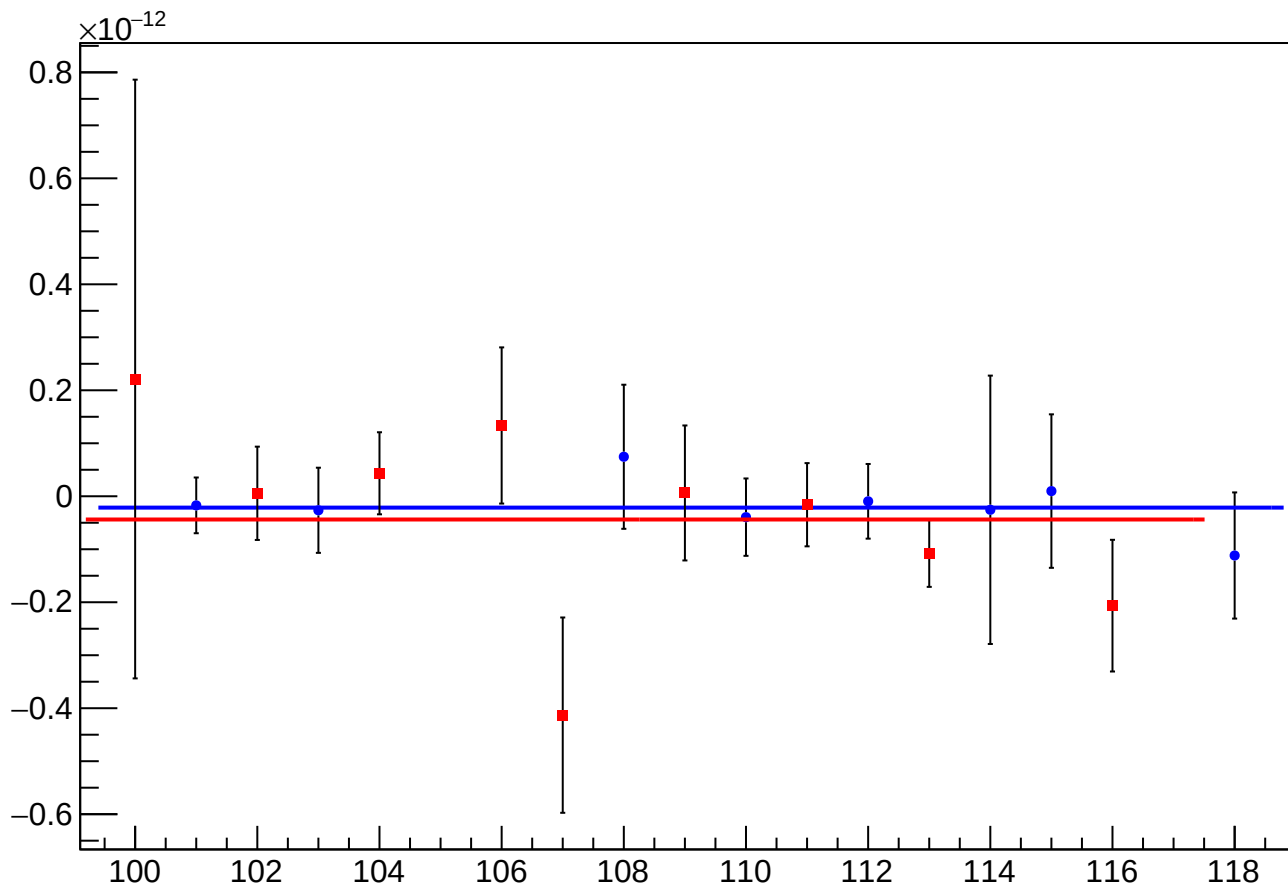
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 953.177+/-0.261 χ^2/NDF : 243875.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug



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 : 10.3/8

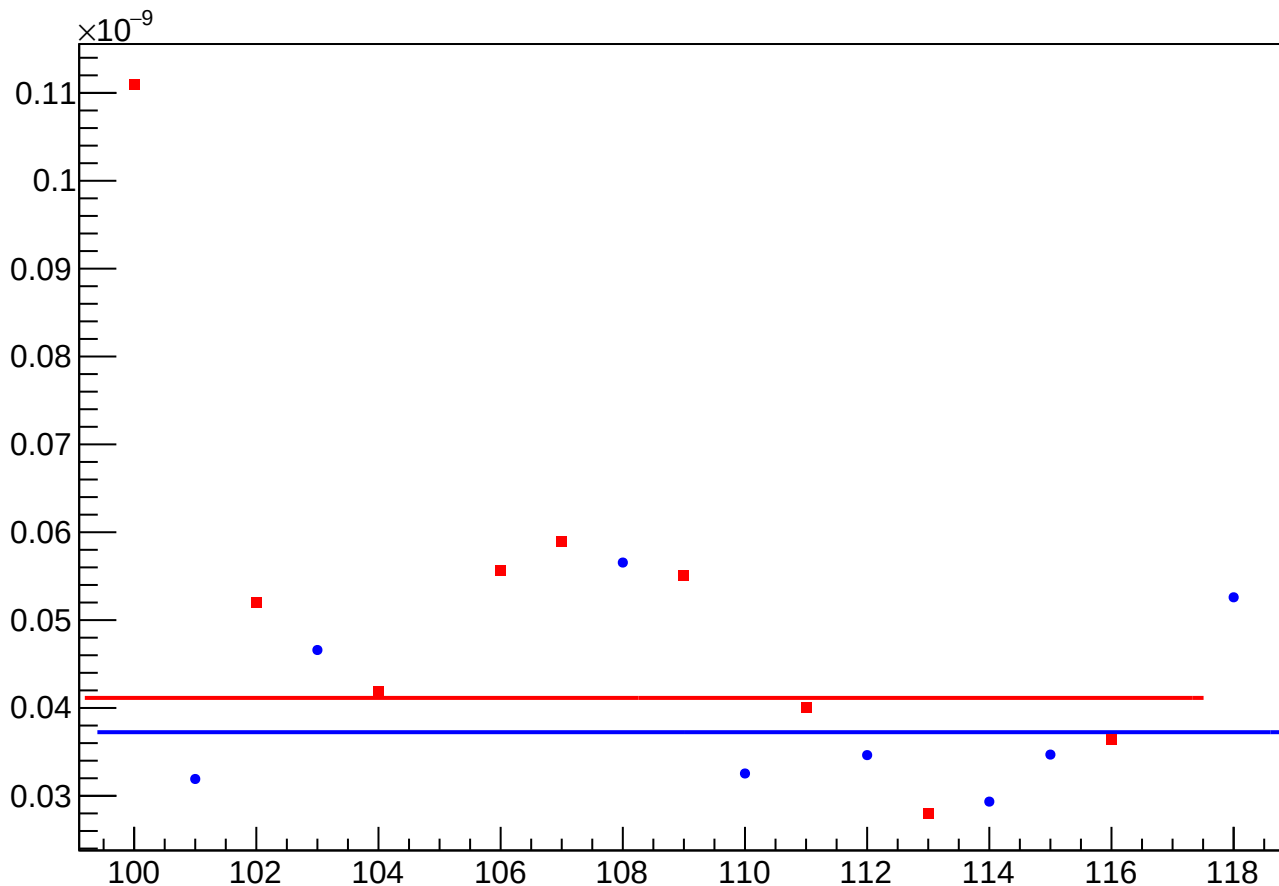
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug



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 : 213387.8/8

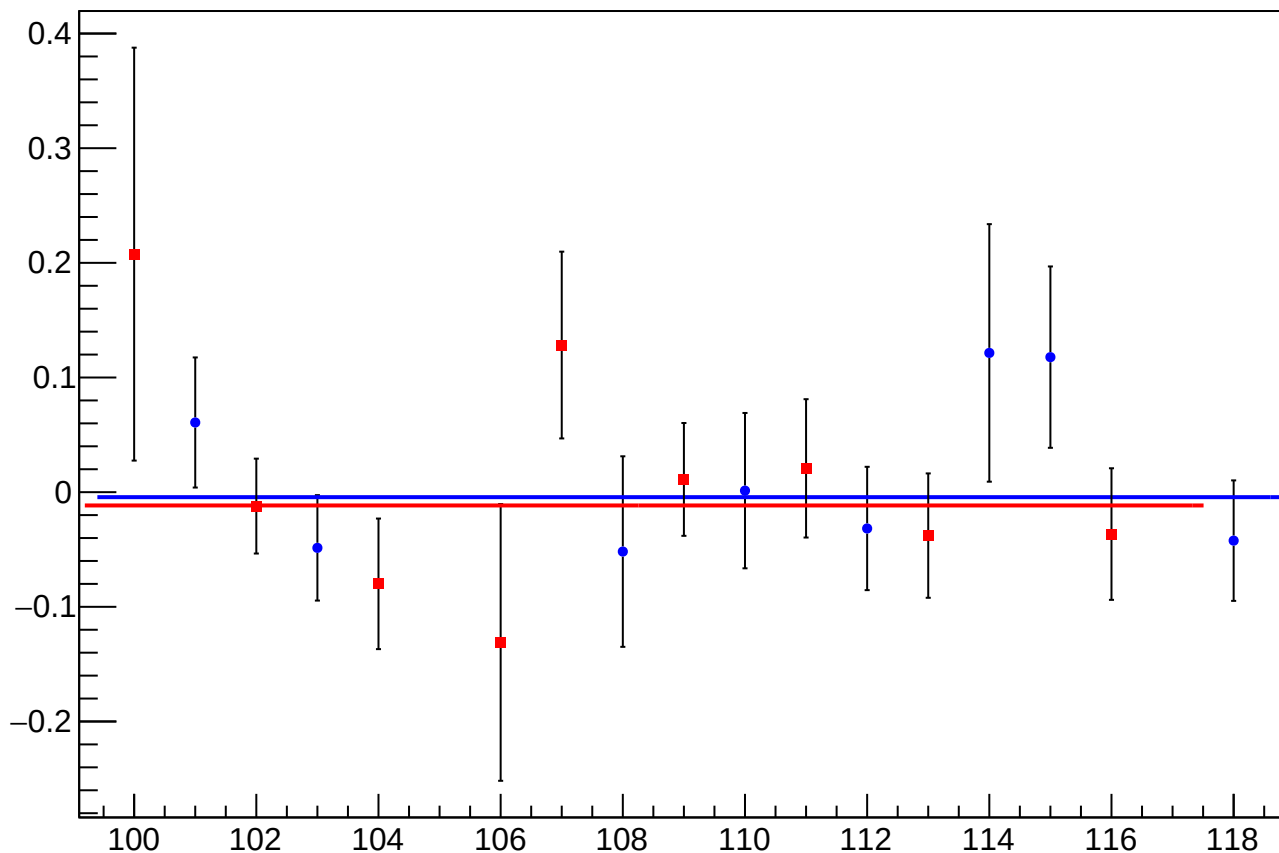
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 363341.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.022 χ^2/NDF : 7.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.020 χ^2/NDF : 7.8/8

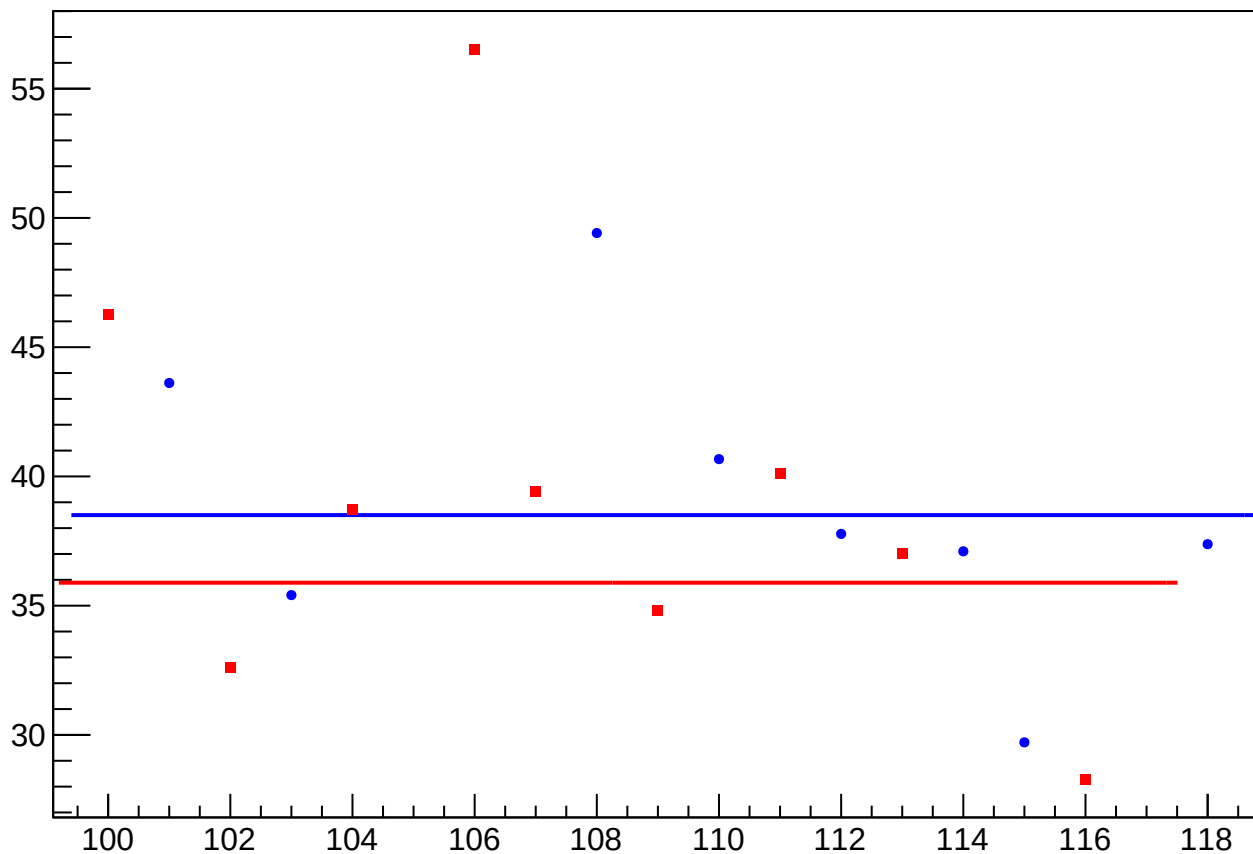
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.015 χ^2/NDF : 14.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



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: 35.889+/-0.014 χ^2/NDF : 133328.3/8

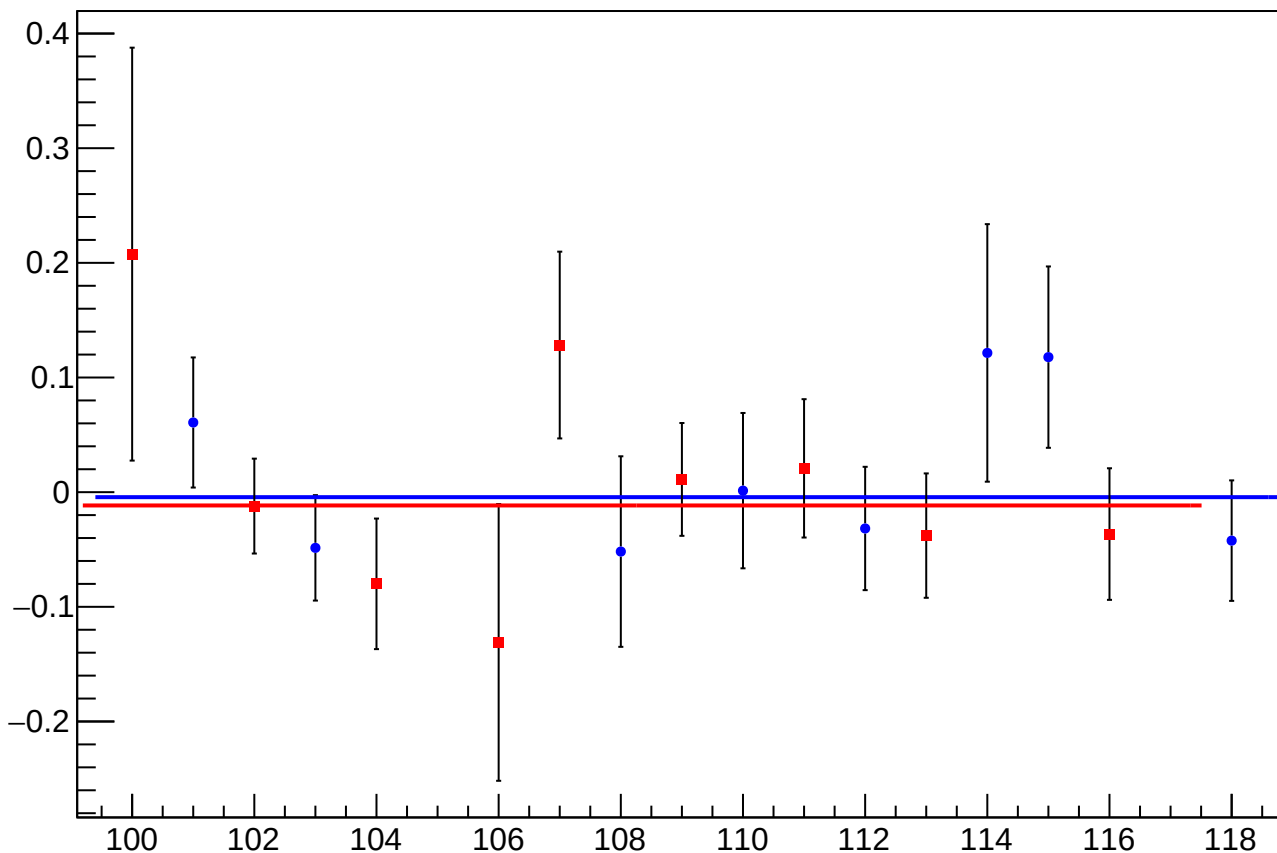
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.088+/-0.010 χ^2/NDF : 236978.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



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: -0.012 $\pm$ 0.020 χ^2 /NDF: 7.8/8

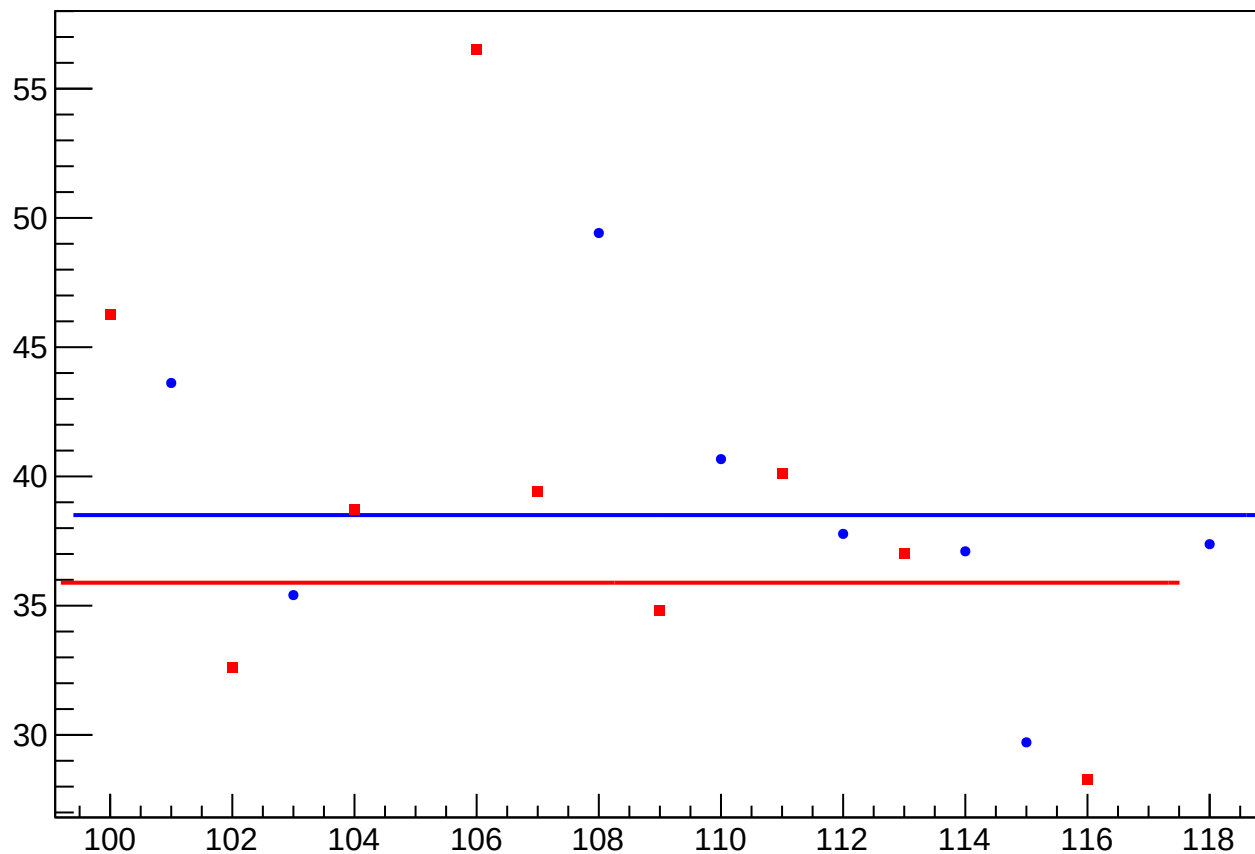
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.015 χ^2 /NDF: 14.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug



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: 35.889+/-0.014 χ^2/NDF : 133328.3/8

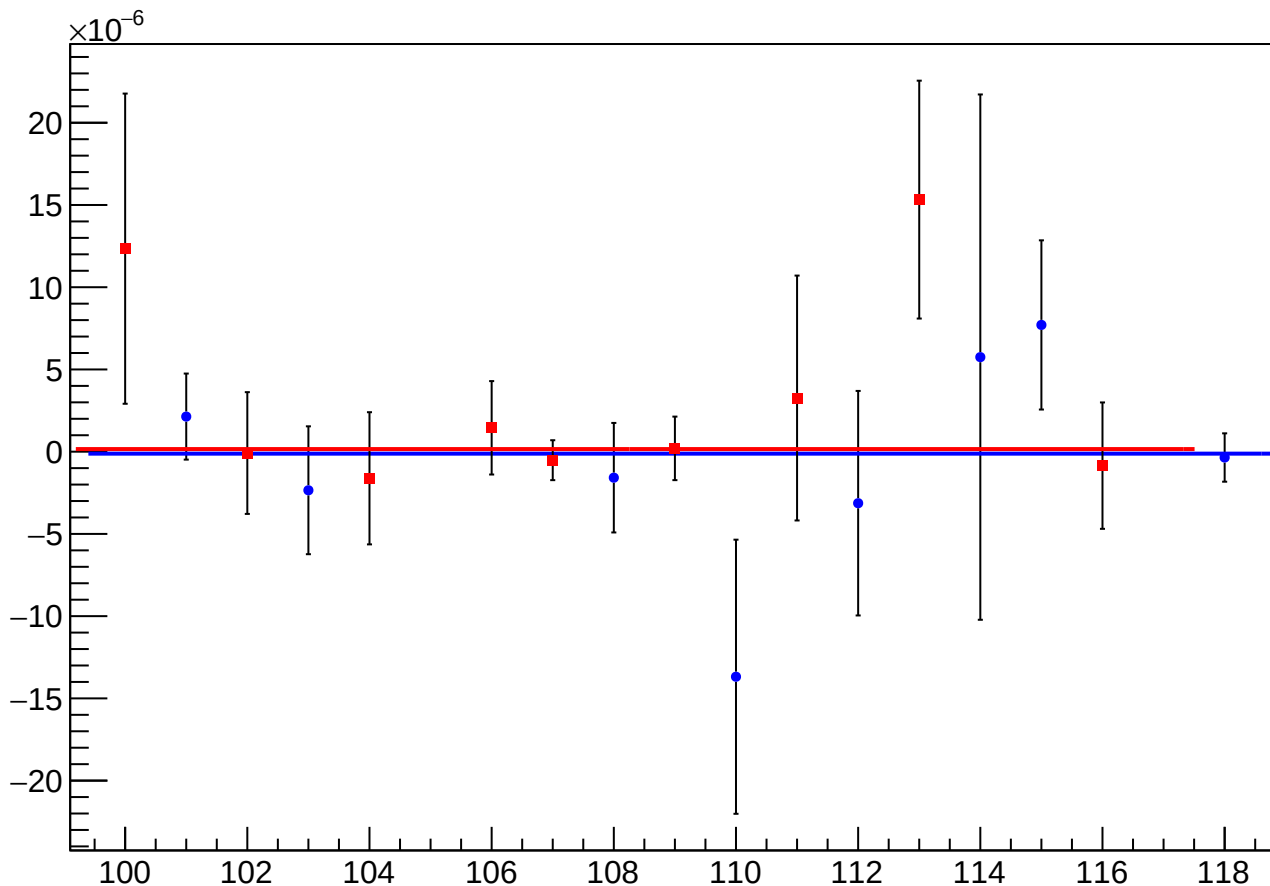
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.088+/-0.010 χ^2/NDF : 236978.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug



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 : 7.0/8

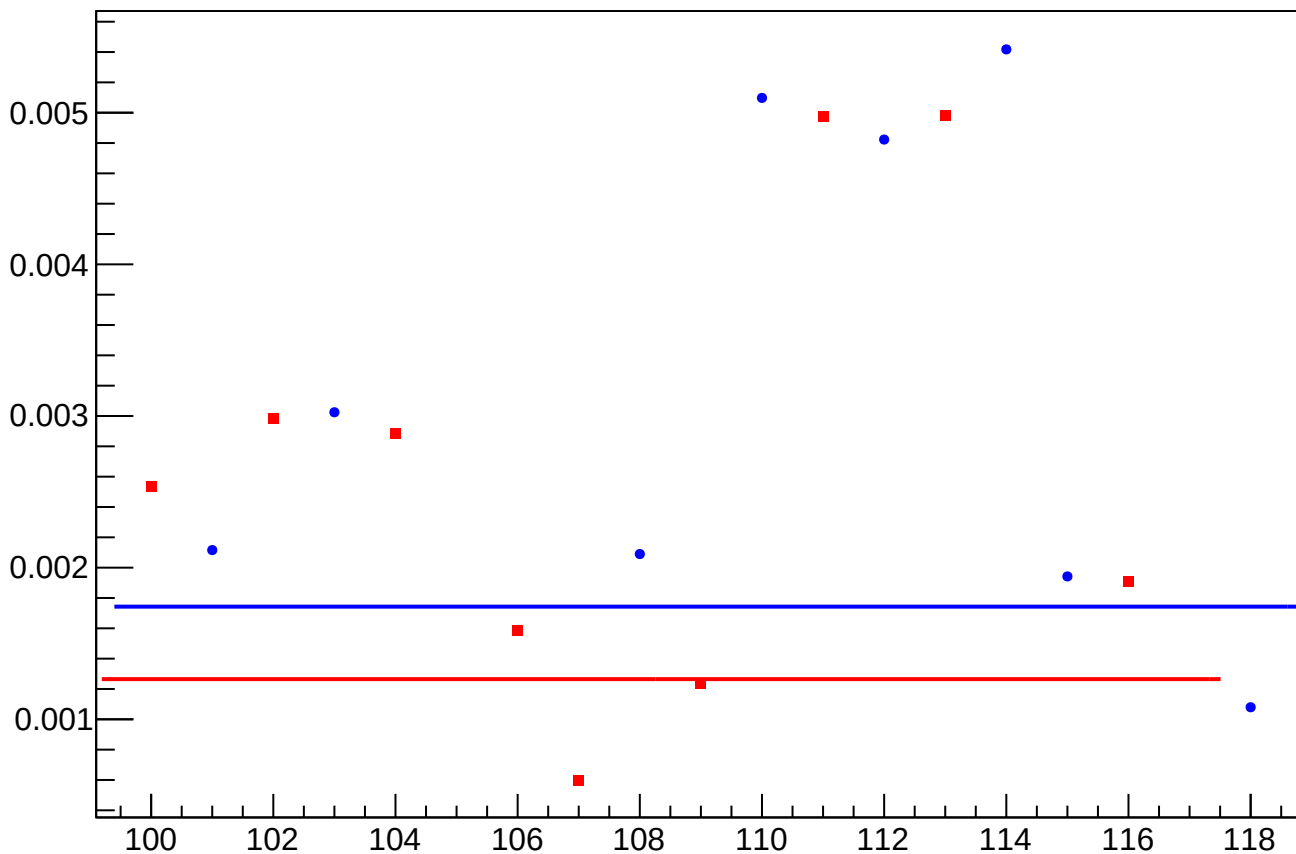
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 13.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug



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 : 2507970.8/8

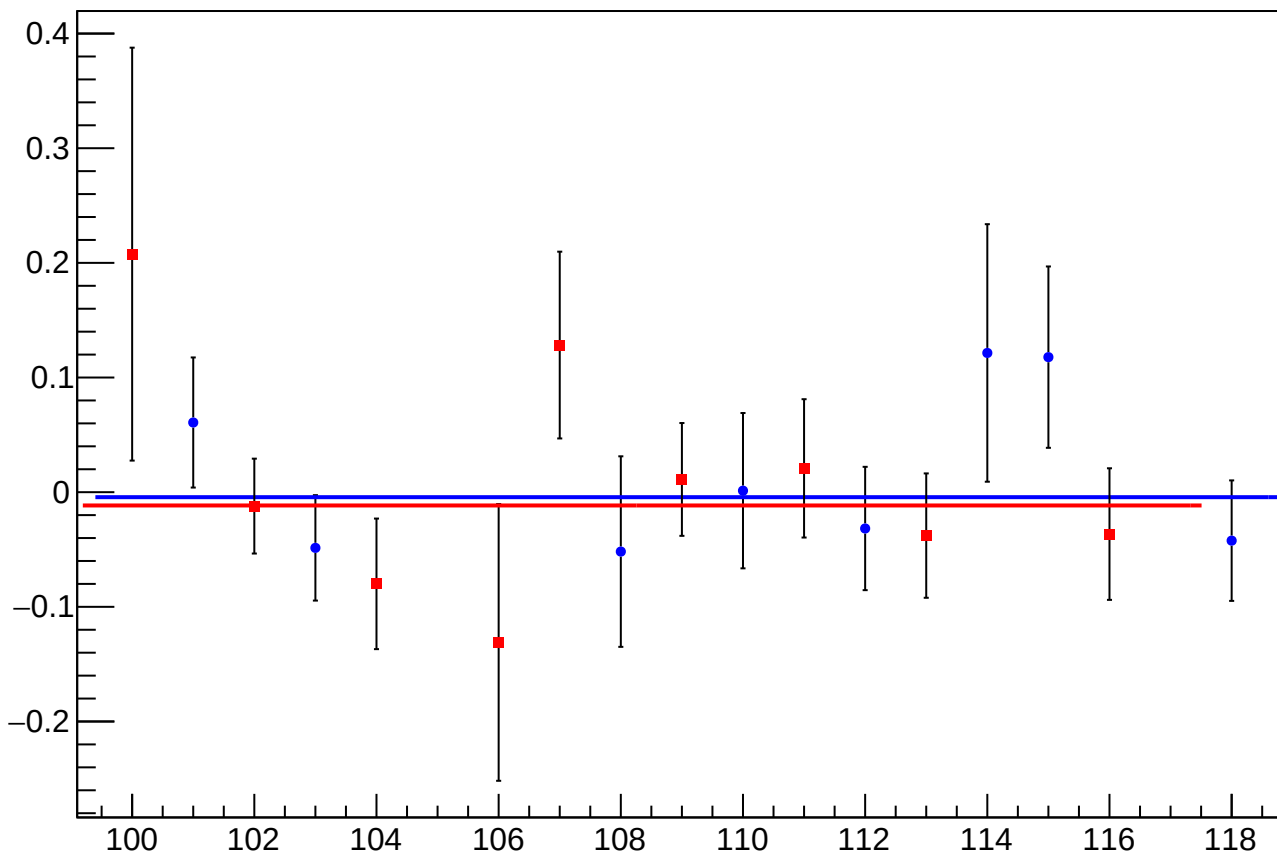
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4270163.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug



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: -0.012 $\pm$ 0.020 χ^2 /NDF: 7.8/8

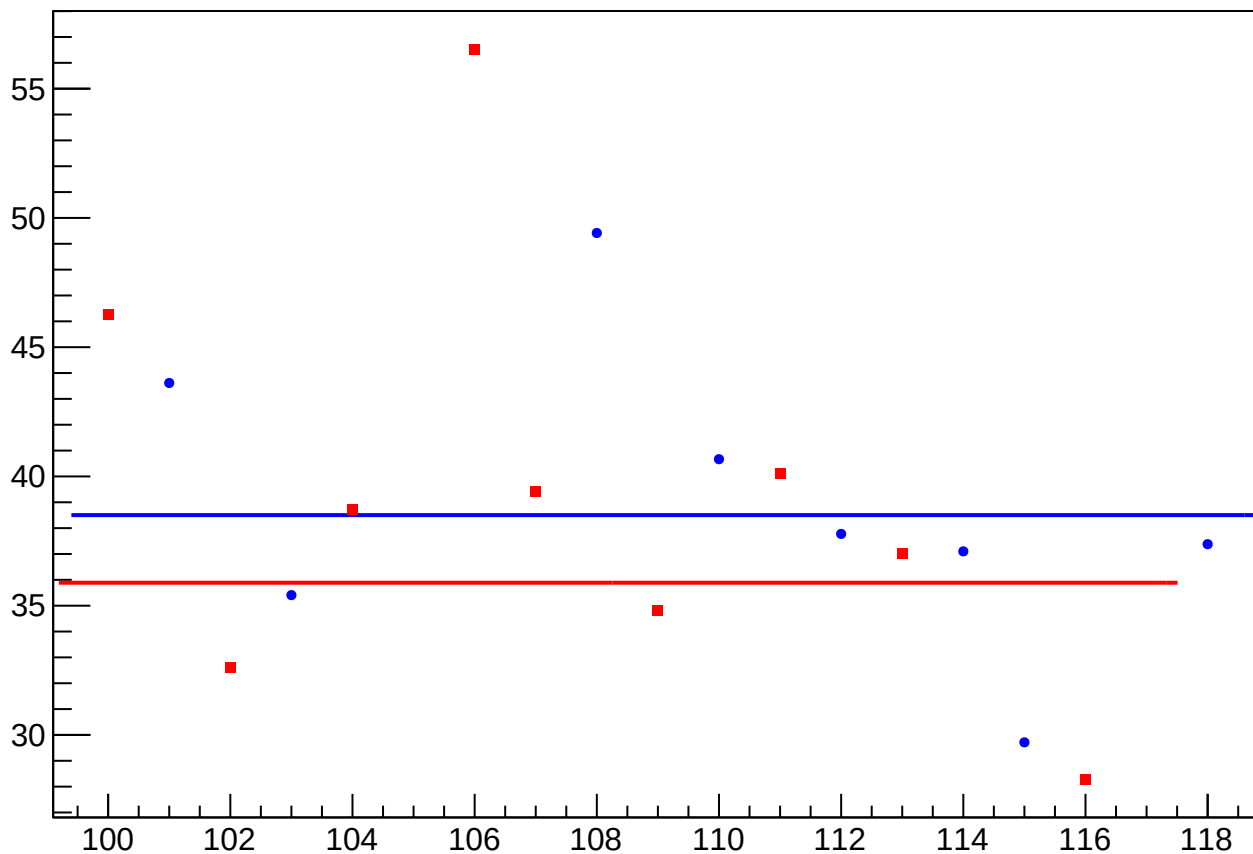
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.008 $\pm$ 0.015 χ^2 /NDF: 14.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug



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: 35.888+/-0.014 χ^2/NDF : 133321.7/8

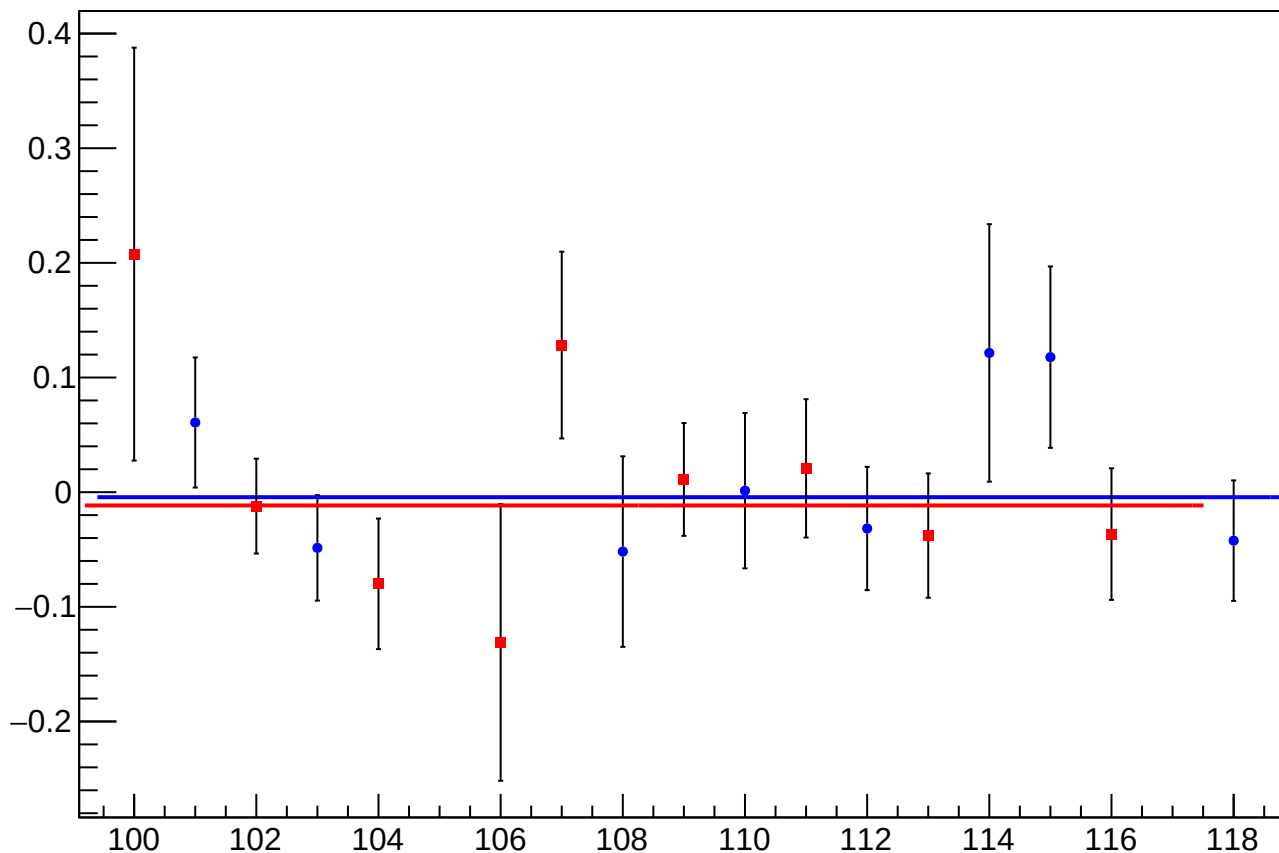
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.087+/-0.010 χ^2/NDF : 236979.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 ± 0.022 $\chi^2/\text{NDF}: 7.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.012 ± 0.020 $\chi^2/\text{NDF}: 7.8/8$

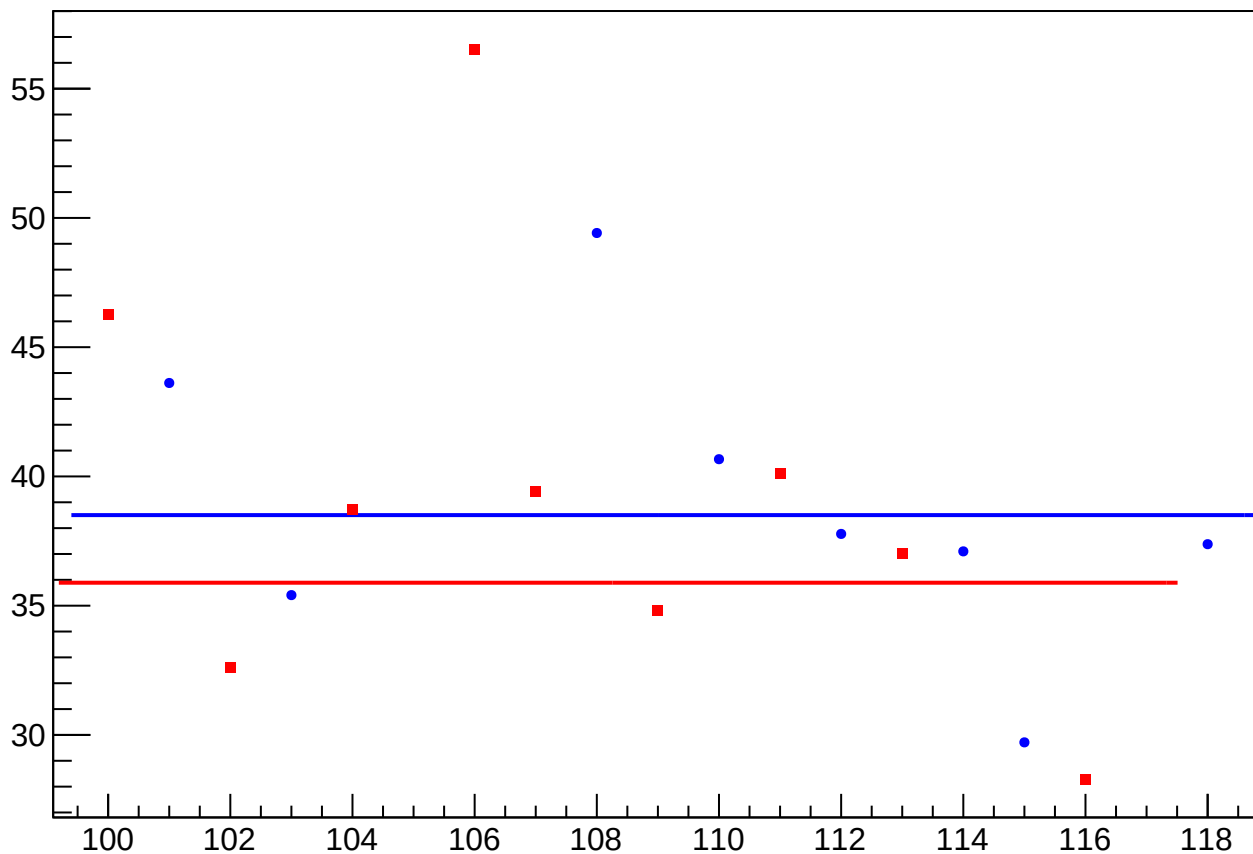
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.008 ± 0.015 $\chi^2/\text{NDF}: 14.8/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 38.504 $\pm$ 0.015 χ^2 /NDF: 88142.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.888 $\pm$ 0.014 χ^2 /NDF: 133321.7/8

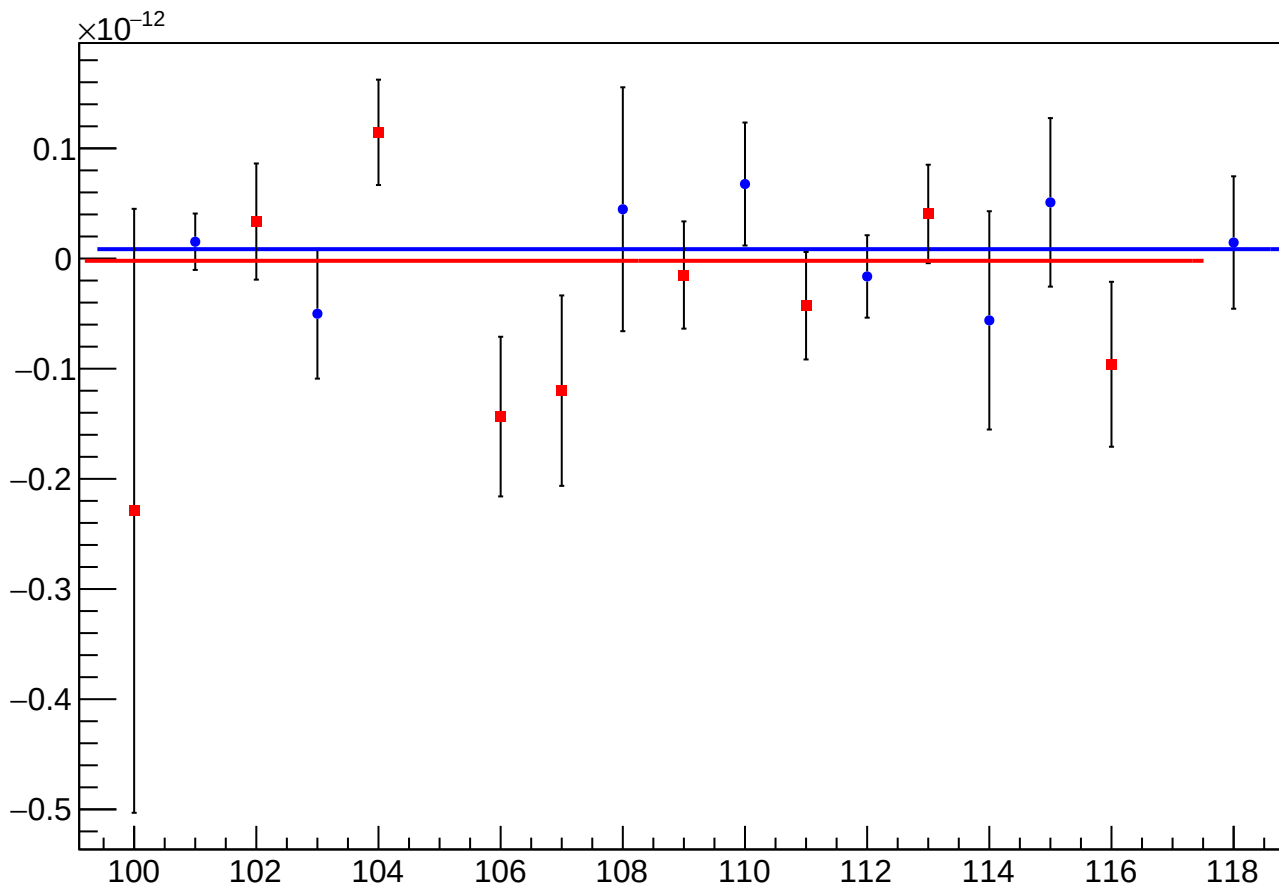
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.087 $\pm$ 0.010 χ^2 /NDF: 236979.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



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 : 16.0/8

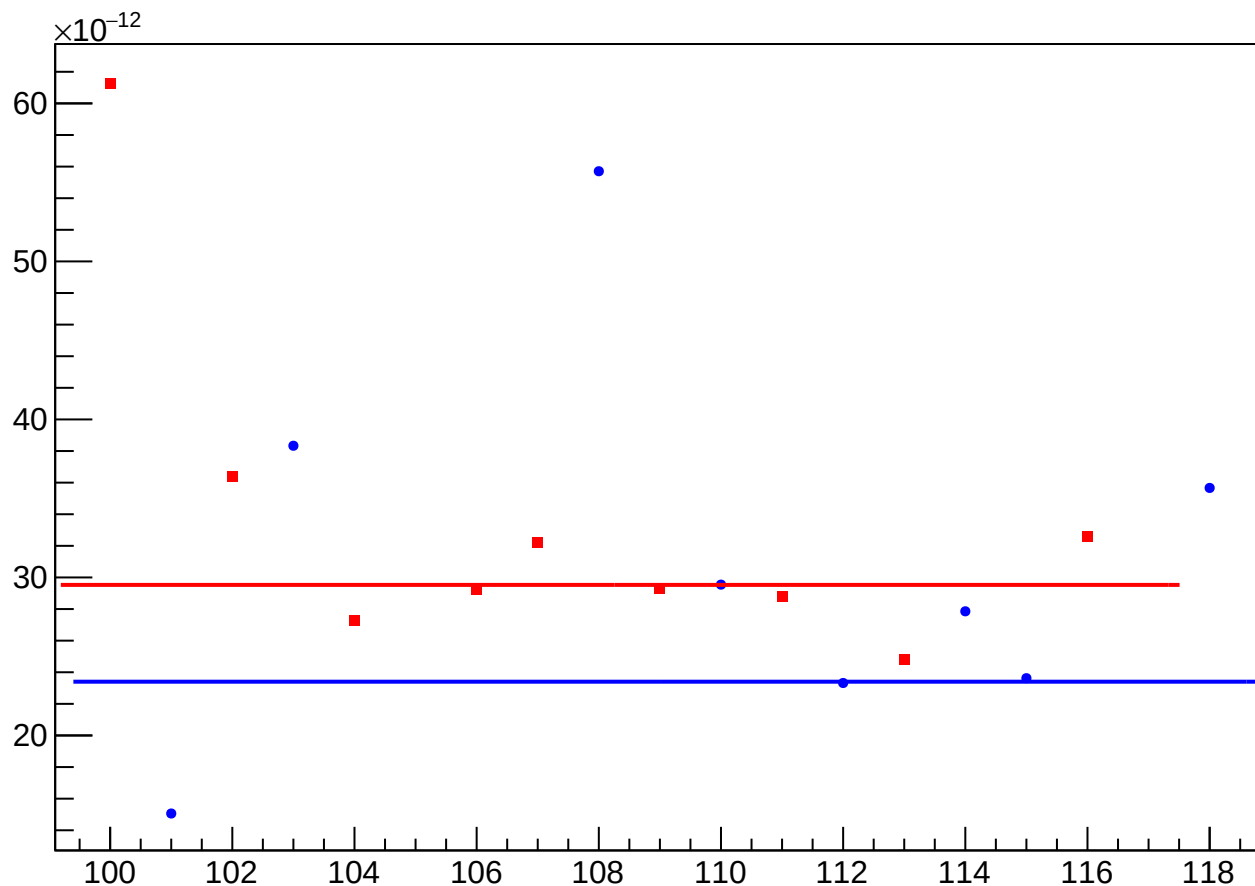
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 19.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug



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 : 92838.4/8

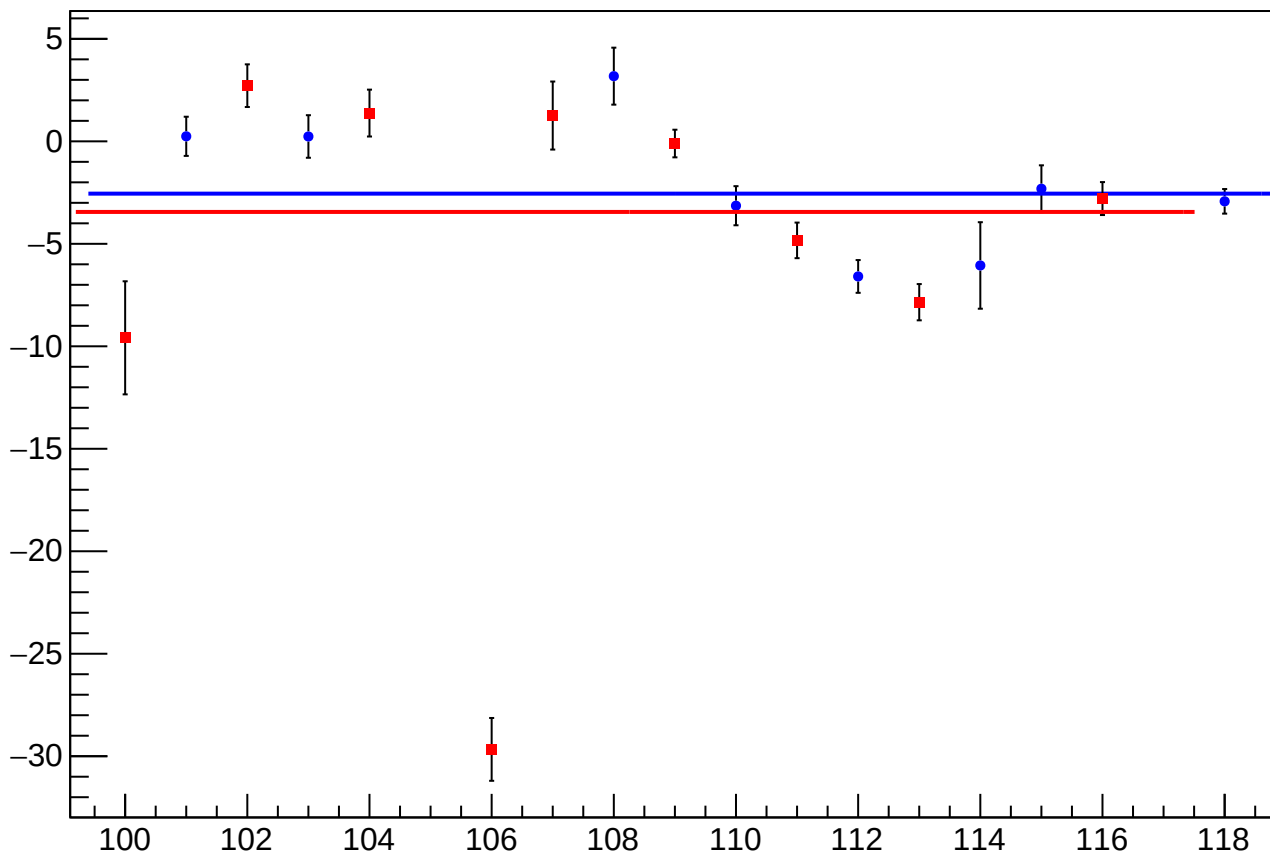
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 828806.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



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: -3.444 ± 0.334 χ^2/NDF : 411.1/8

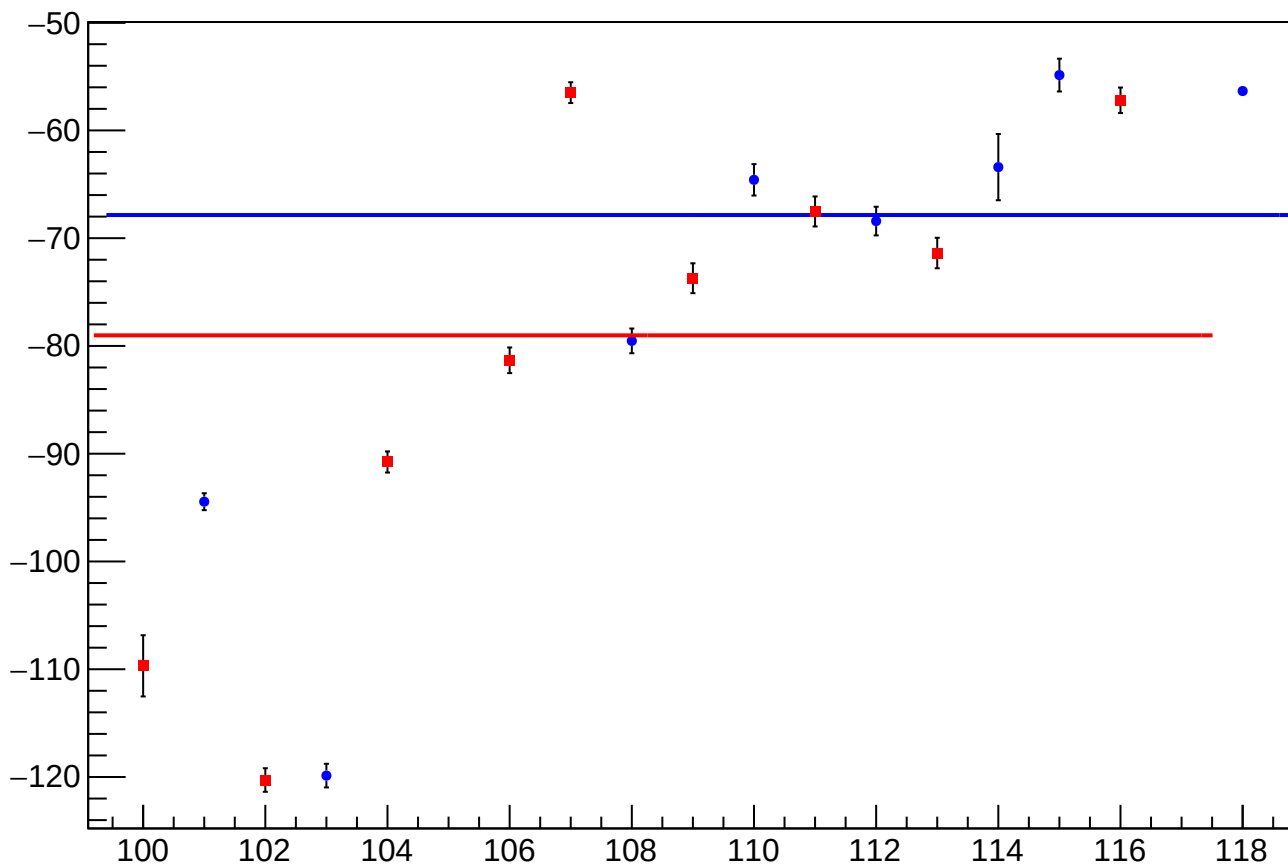
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.998 ± 0.236 χ^2/NDF : 476.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



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: -79.017 ± 0.407 χ^2/NDF : 2683.2/8

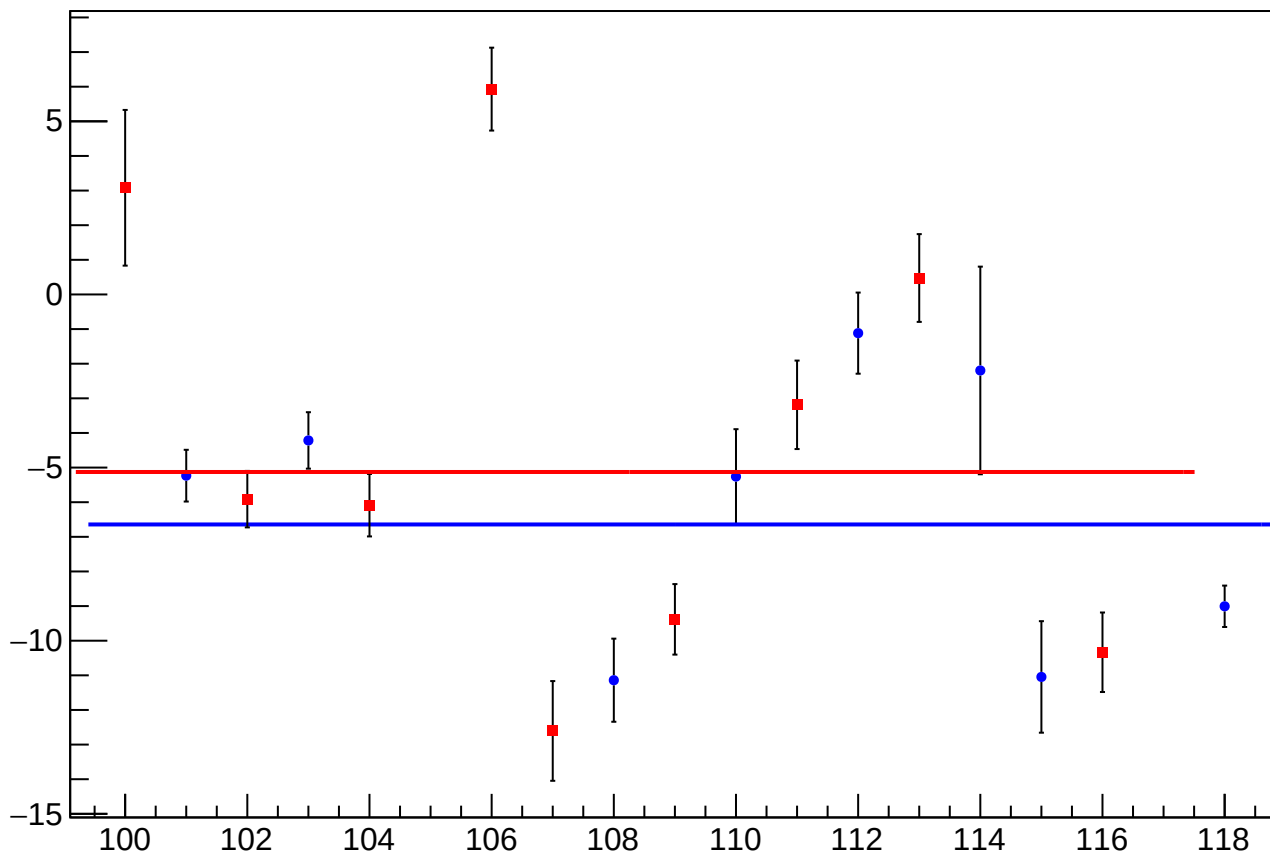
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -71.500 ± 0.233 χ^2/NDF : 7776.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



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: -5.127 $\pm$ 0.376 χ^2 /NDF: 187.6/8

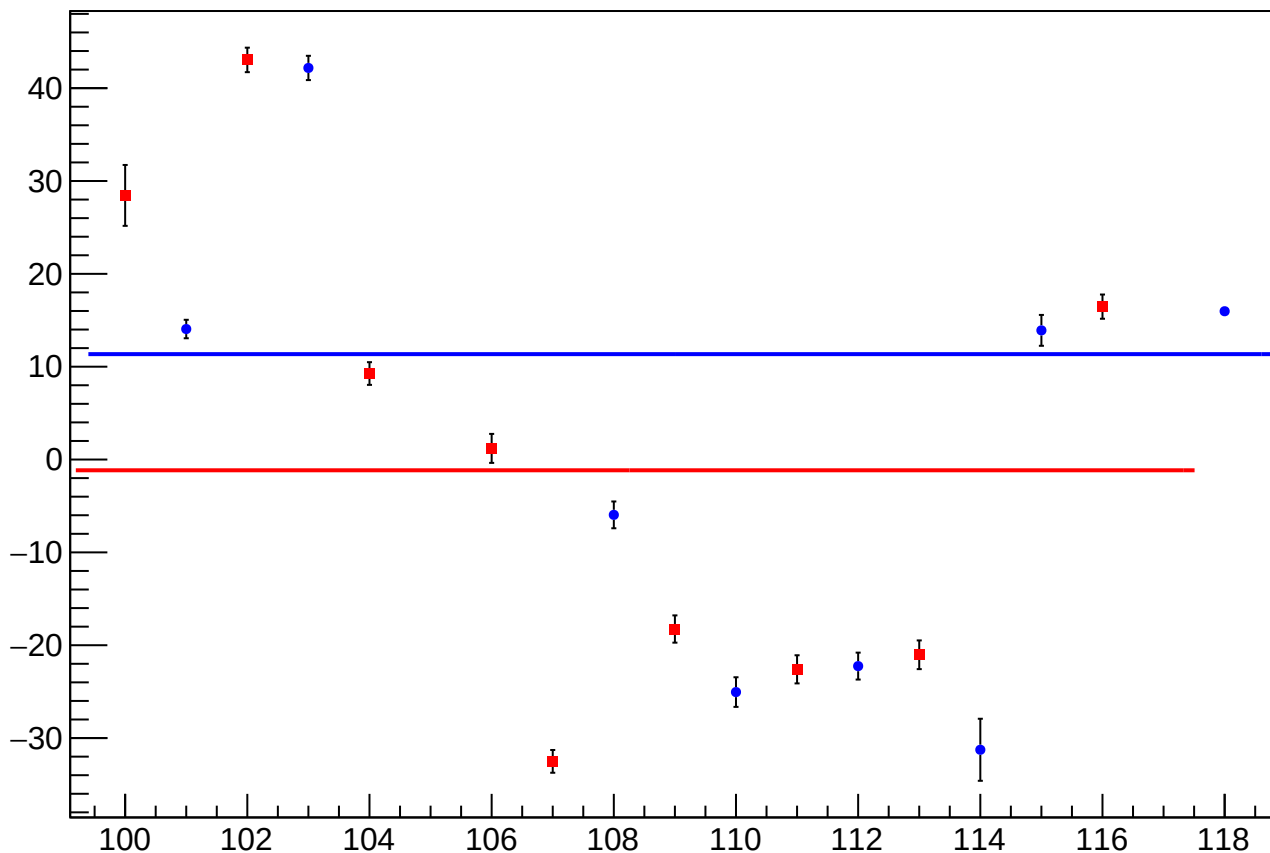
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.957 $\pm$ 0.253 χ^2 /NDF: 271.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 11.352 $\pm$ 0.356 χ^2 /NDF: 2024.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.158 $\pm$ 0.481 χ^2 /NDF: 2616.2/8

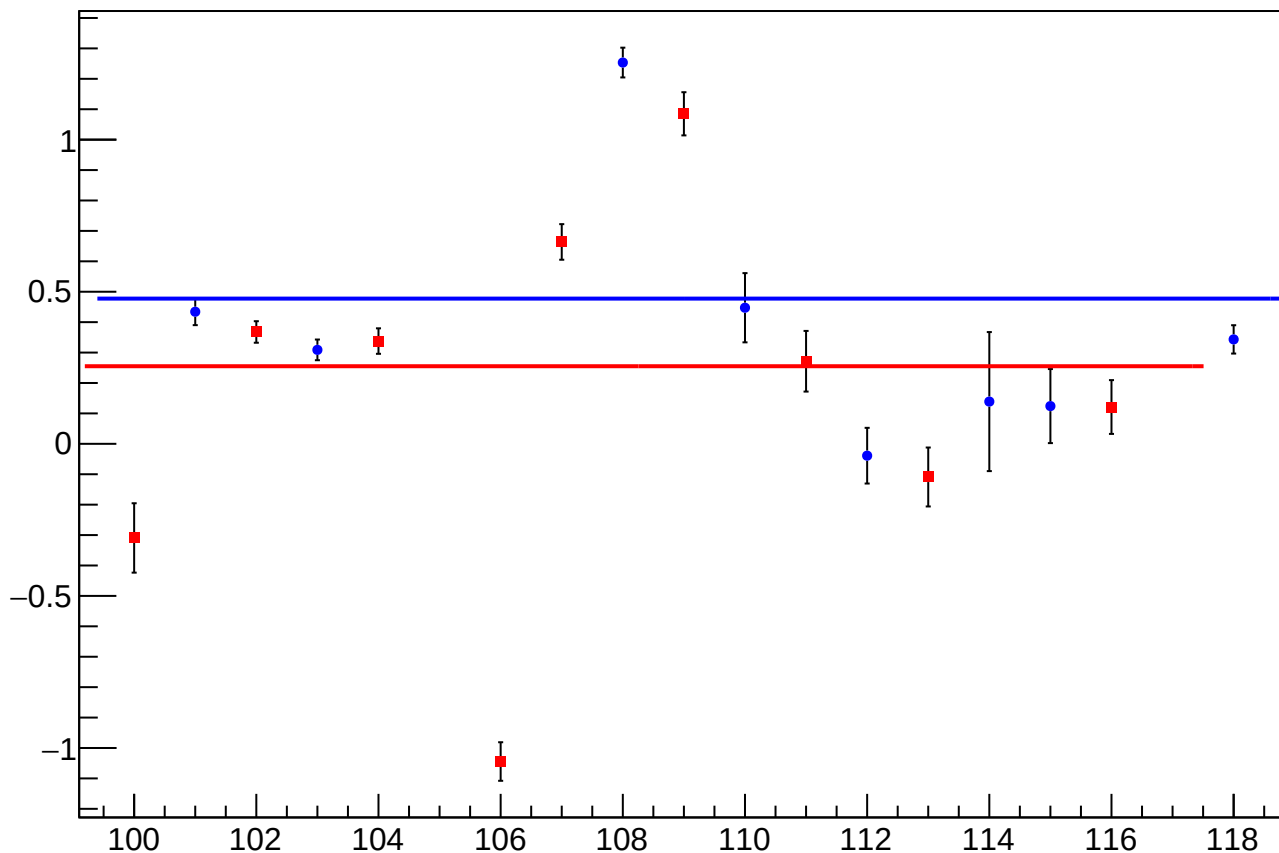
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.923 $\pm$ 0.286 χ^2 /NDF: 5077.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.477 $\pm$ 0.020 χ^2 /NDF: 327.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.255 $\pm$ 0.020 χ^2 /NDF: 660.8/8

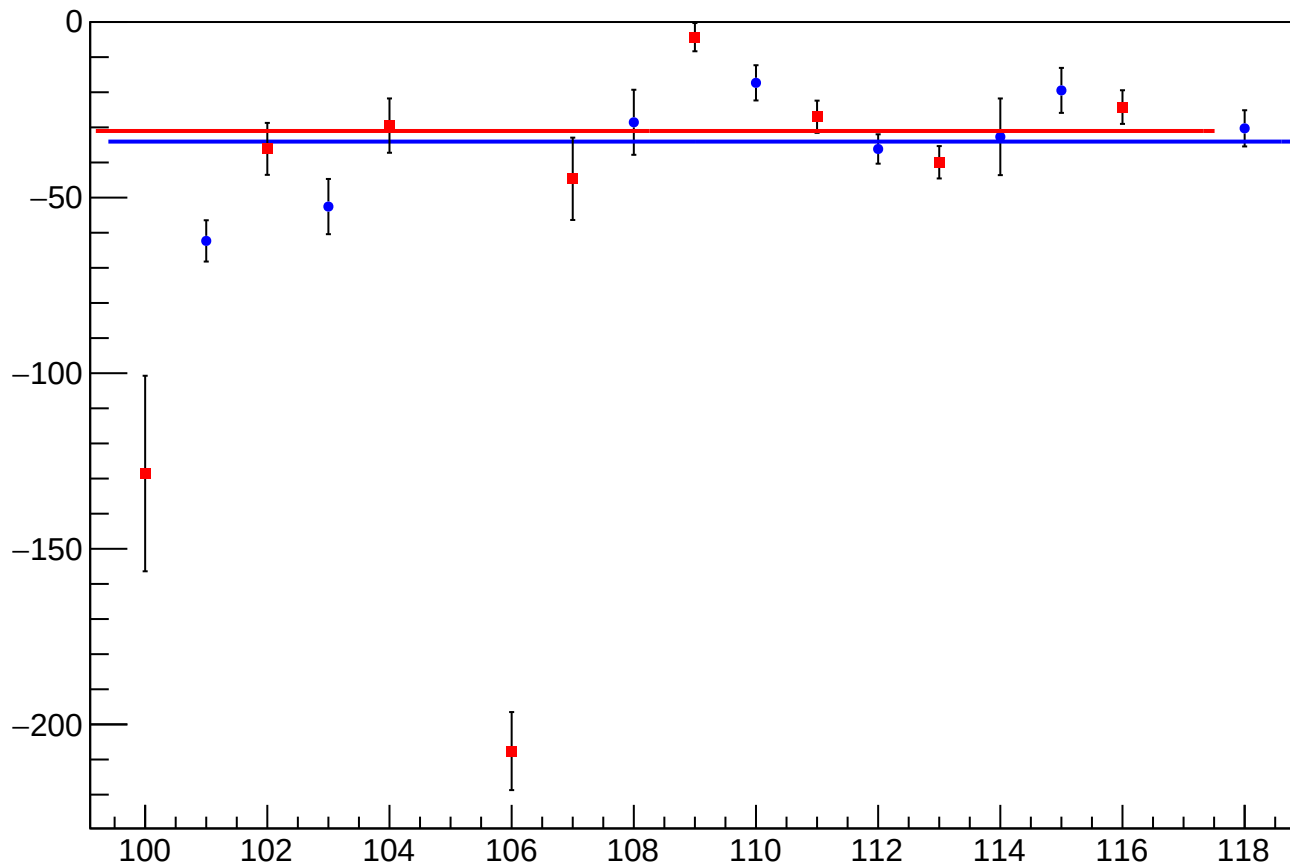
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.367 $\pm$ 0.014 χ^2 /NDF: 1051.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -34.048 ± 2.112 χ^2/NDF : 46.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.028 ± 1.993 χ^2/NDF : 317.3/8

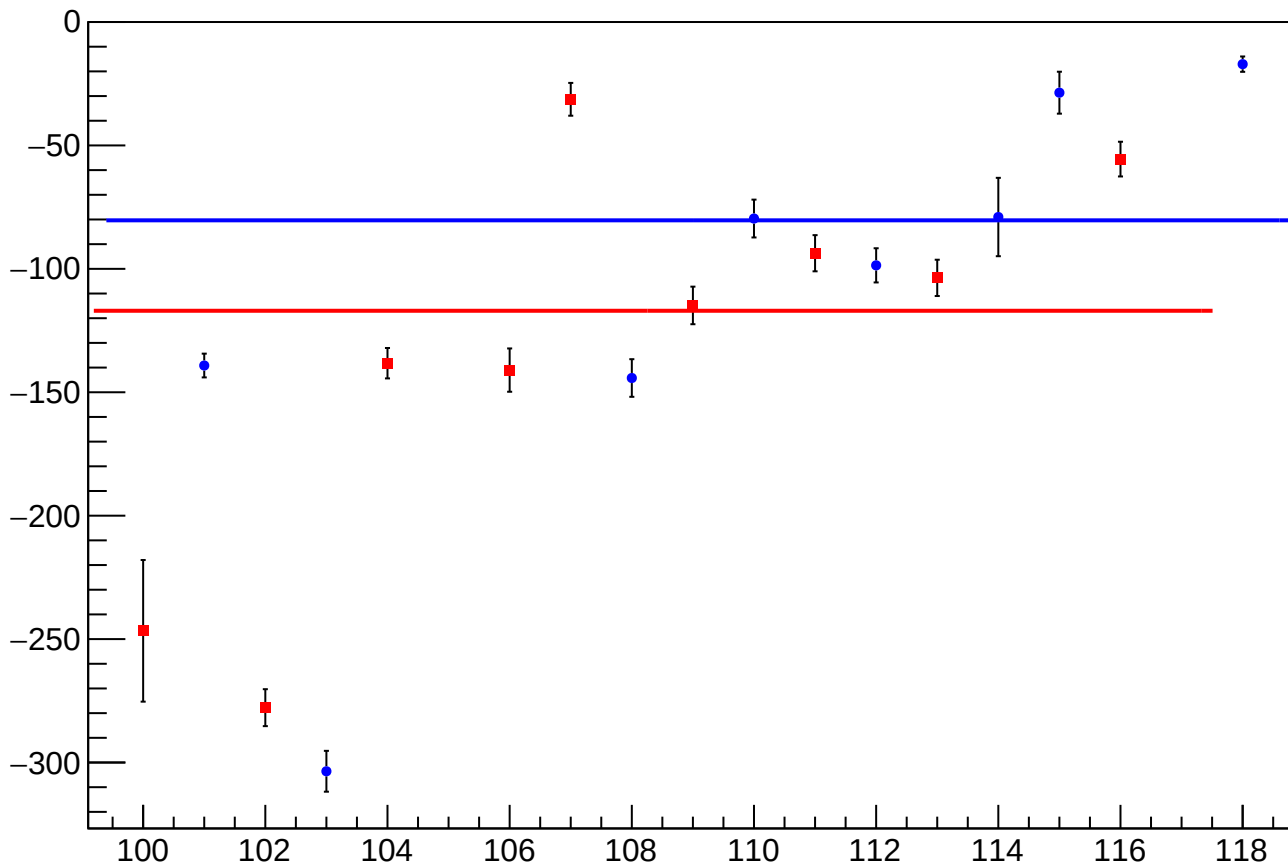
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.450 ± 1.450 χ^2/NDF : 364.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -80.344+/-2.067 χ^2/NDF : 1405.2/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -116.984+/-2.535 χ^2/NDF : 757.3/8

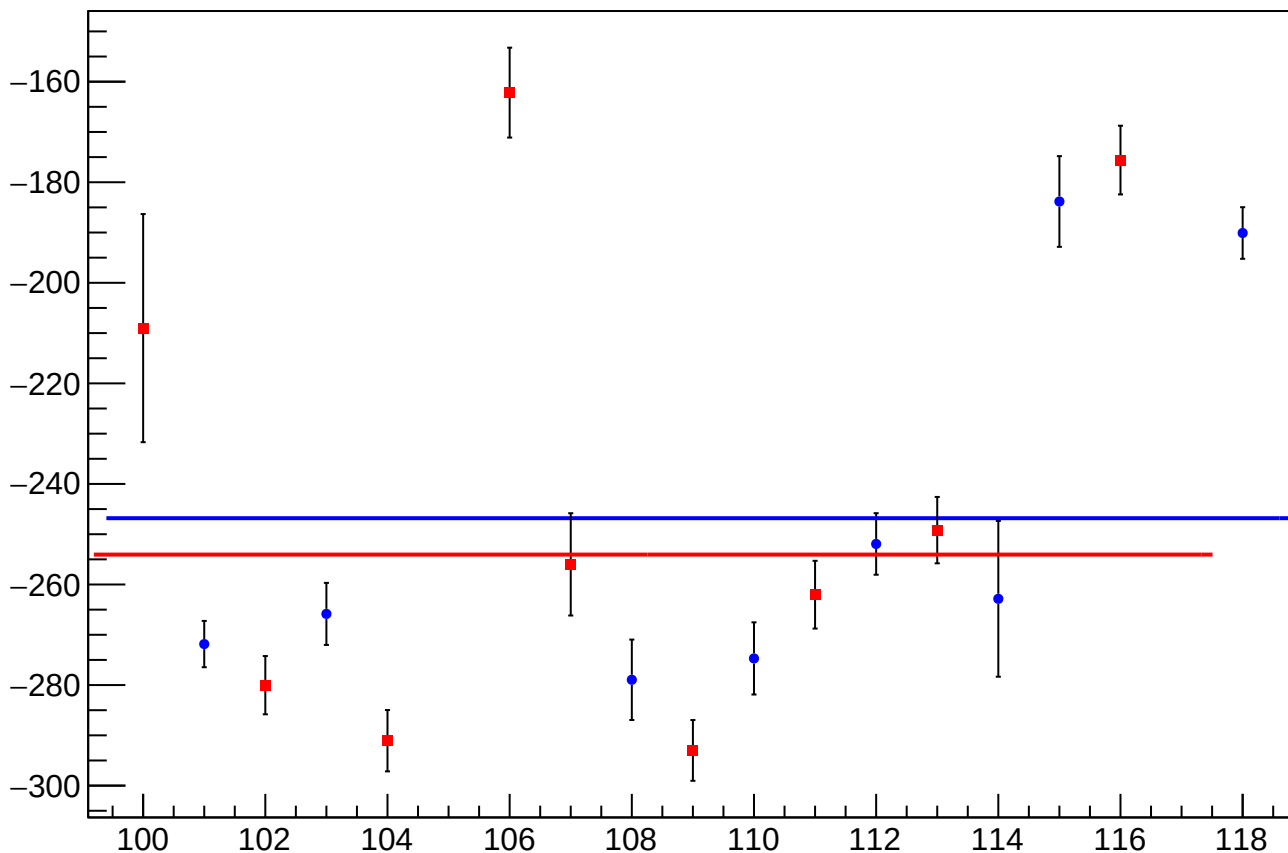
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.976+/-1.602 χ^2/NDF : 2288.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



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: -254.052 ± 2.393 χ^2/NDF : 341.9/8

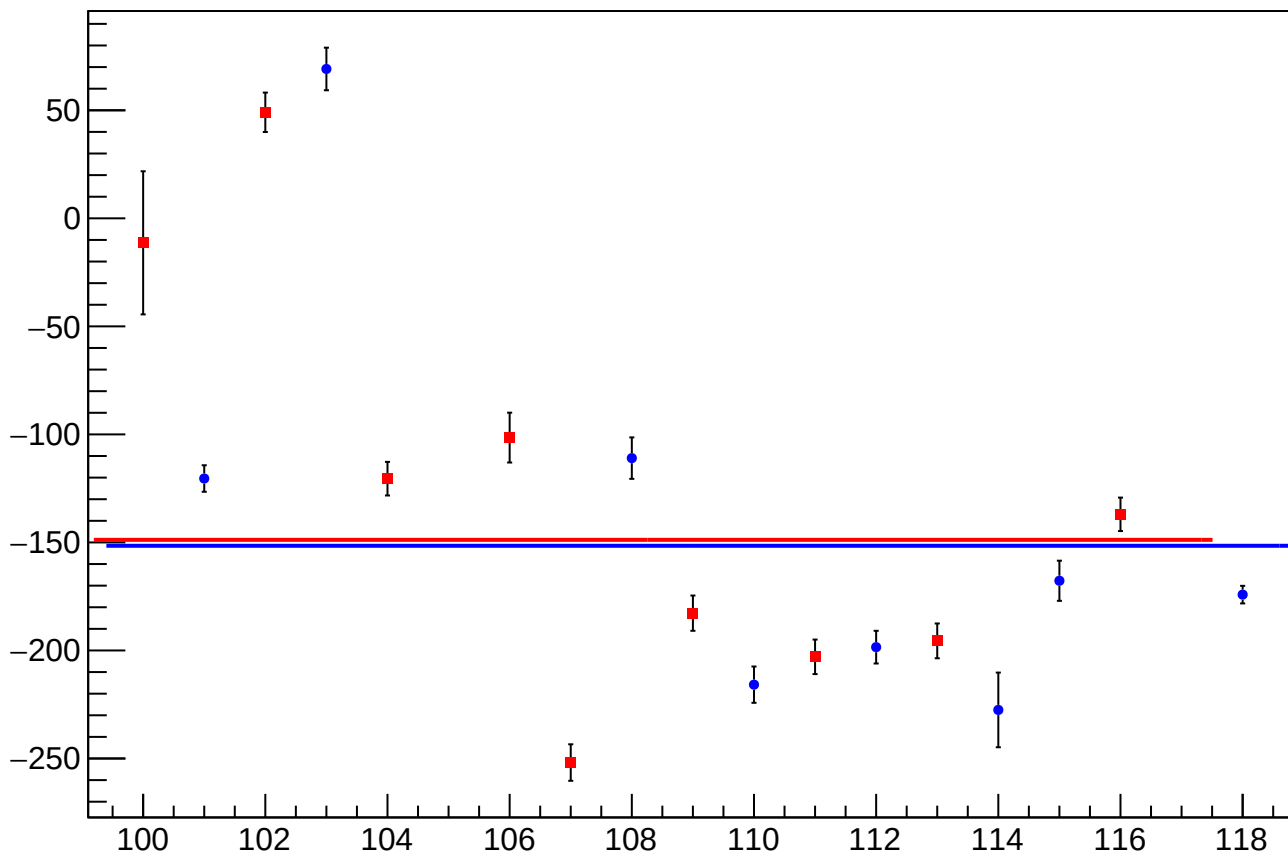
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -250.284 ± 1.657 χ^2/NDF : 589.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



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: -148.803 ± 2.964 χ^2/NDF : 766.2/8

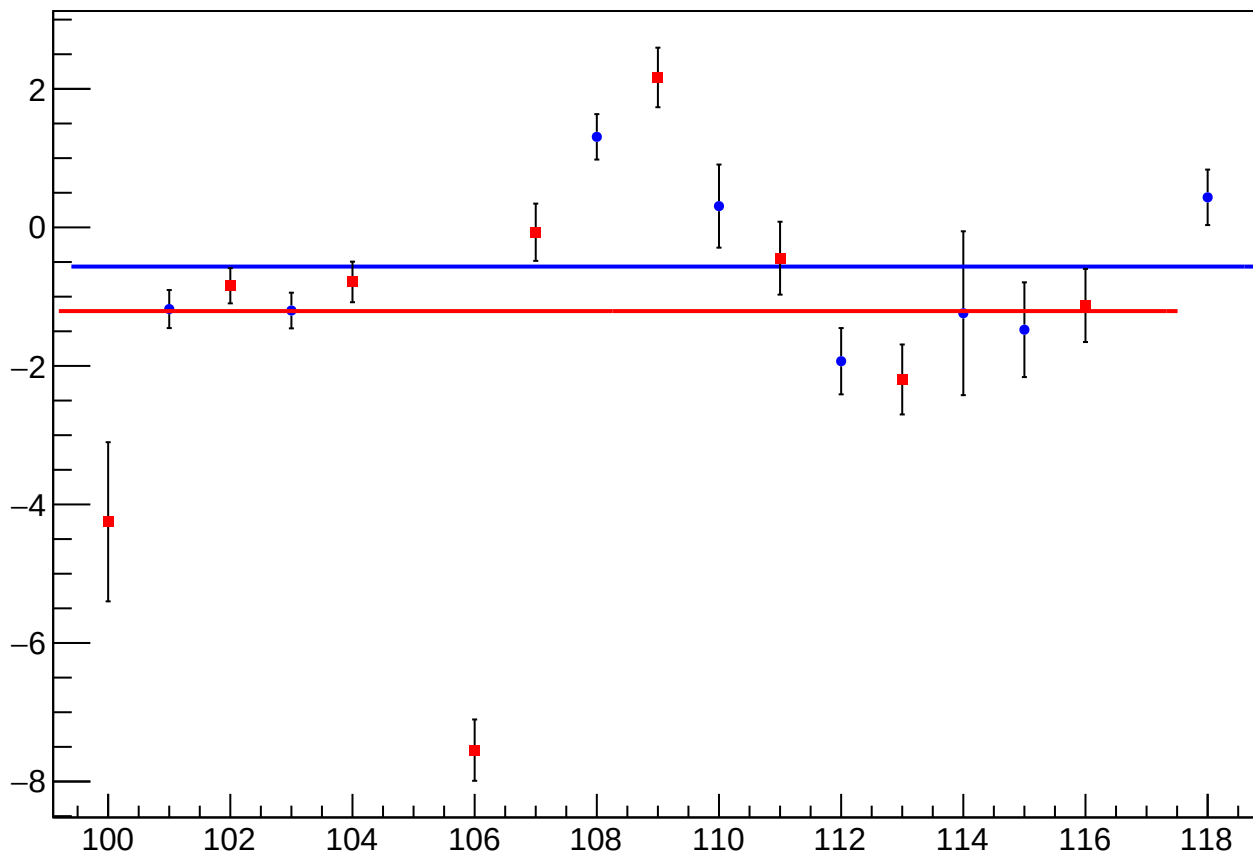
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -150.385 ± 1.930 χ^2/NDF : 1461.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



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: -1.208 ± 0.134 χ^2/NDF : 291.2/8

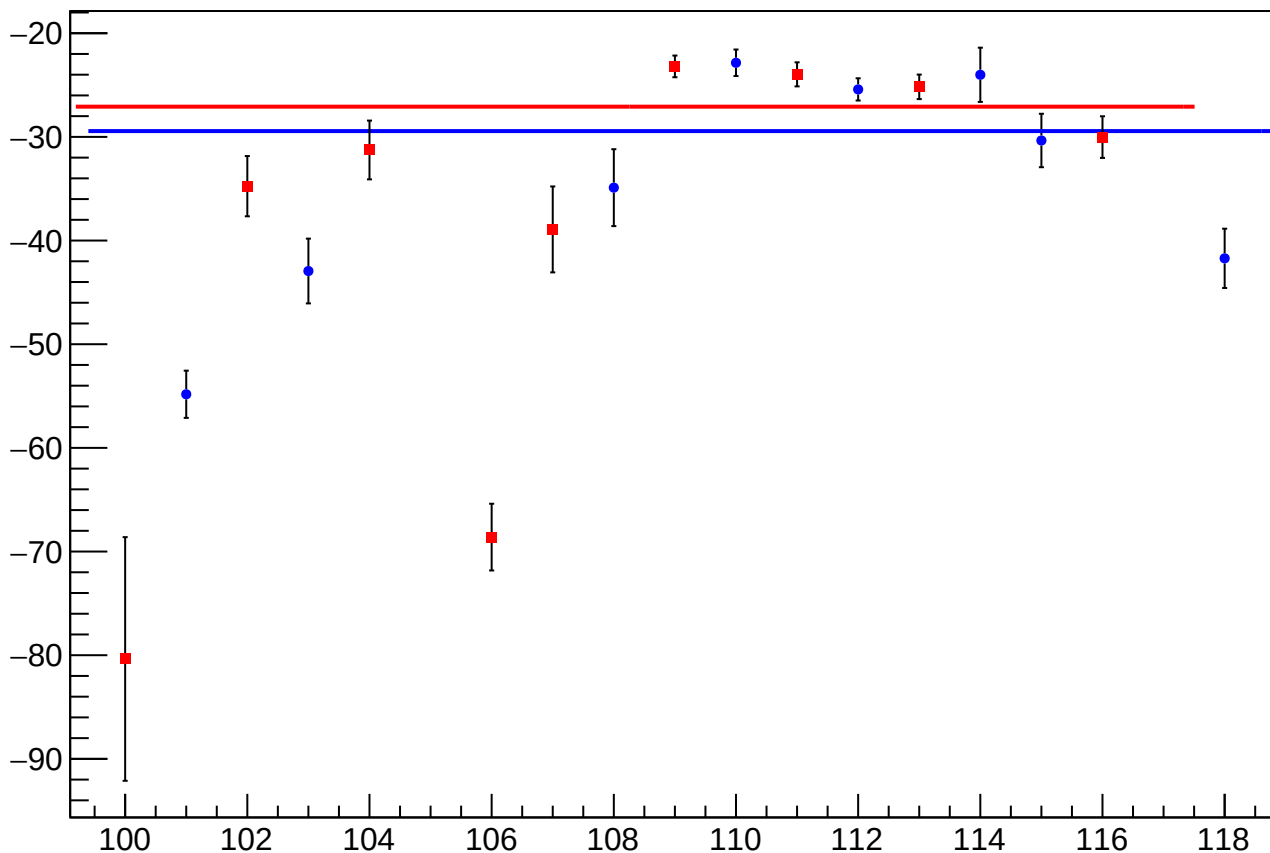
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.891 ± 0.096 χ^2/NDF : 364.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



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: -27.085 ± 0.575 χ^2/NDF : 230.0/8

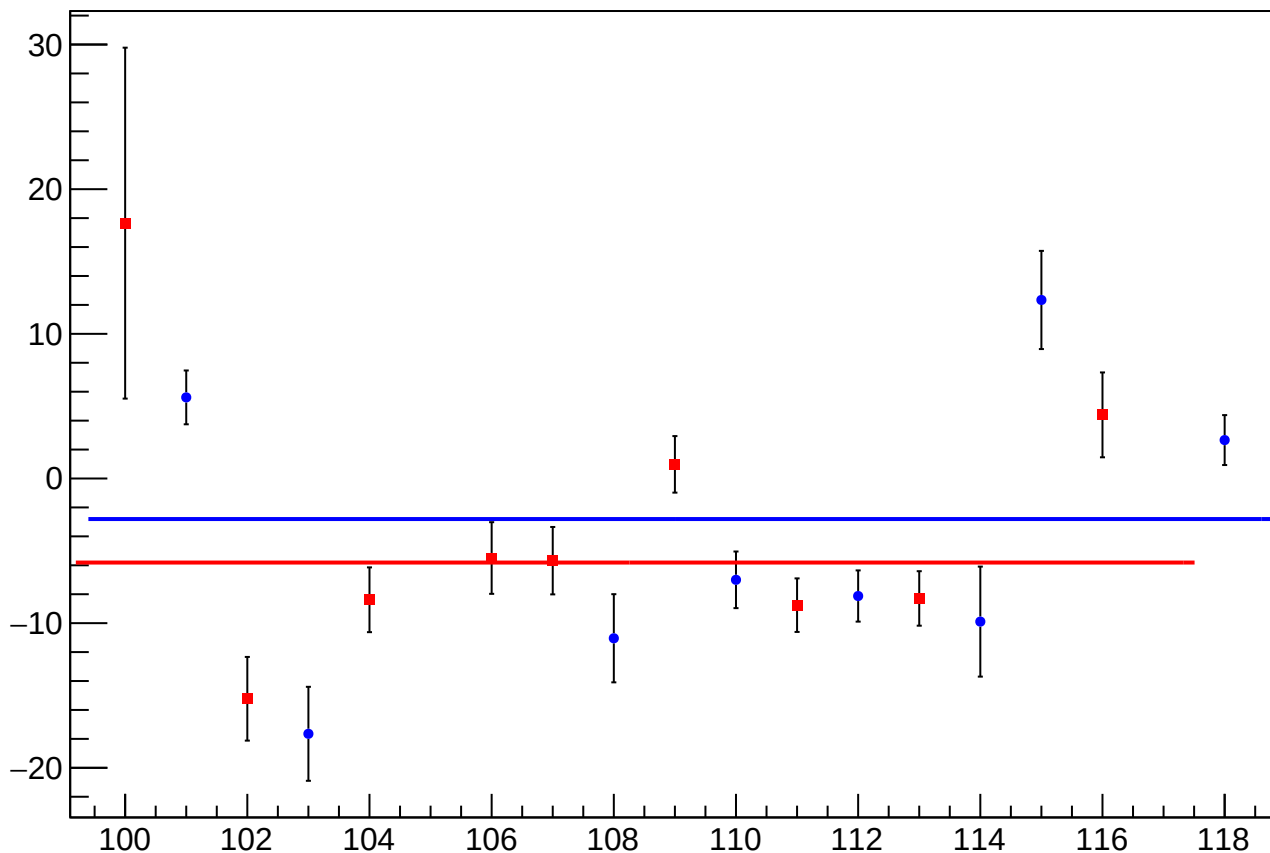
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.094 ± 0.435 χ^2/NDF : 445.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



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: -5.810+/-0.785 χ^2/NDF : 44.1/8

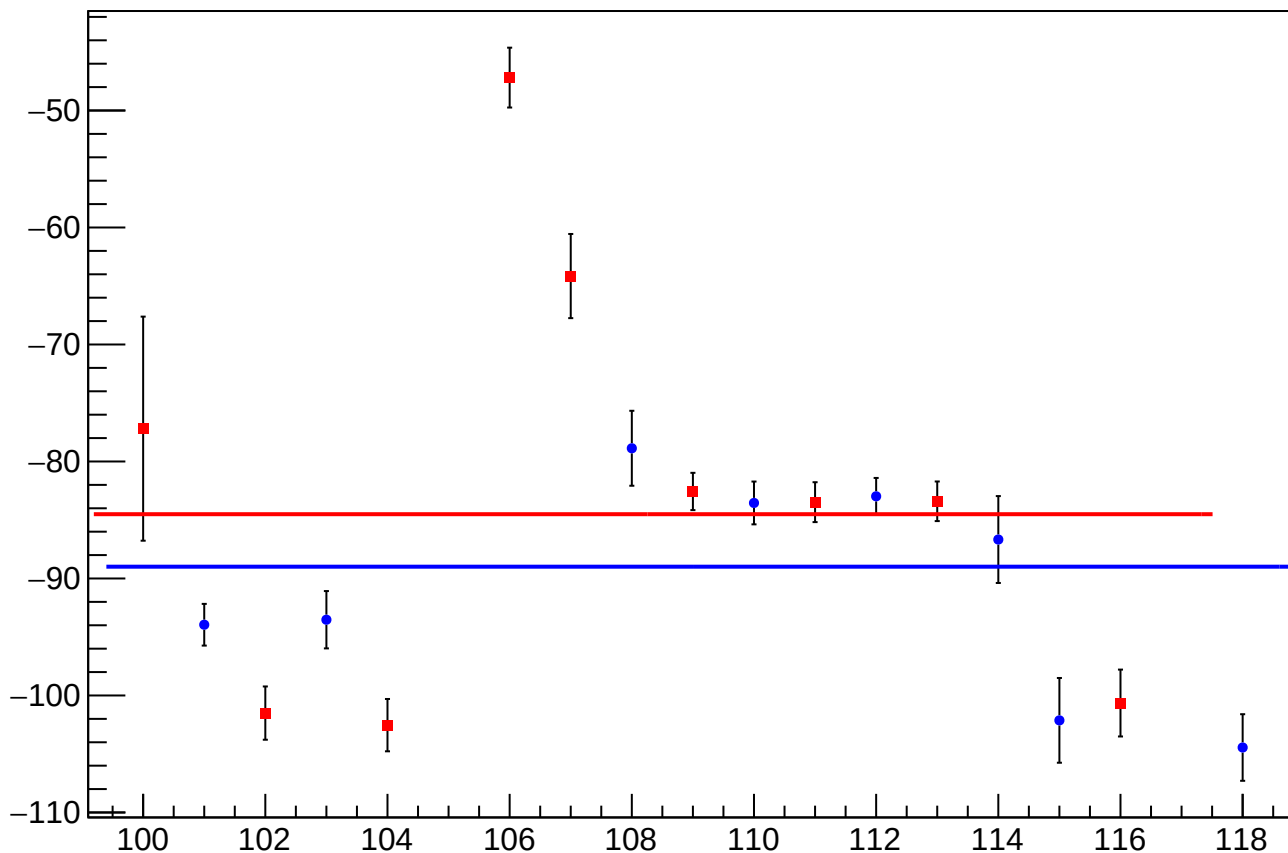
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.336+/-0.560 χ^2/NDF : 147.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -88.992+/-0.802 χ^2/NDF : 87.8/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.505+/-0.736 χ^2/NDF : 400.4/8

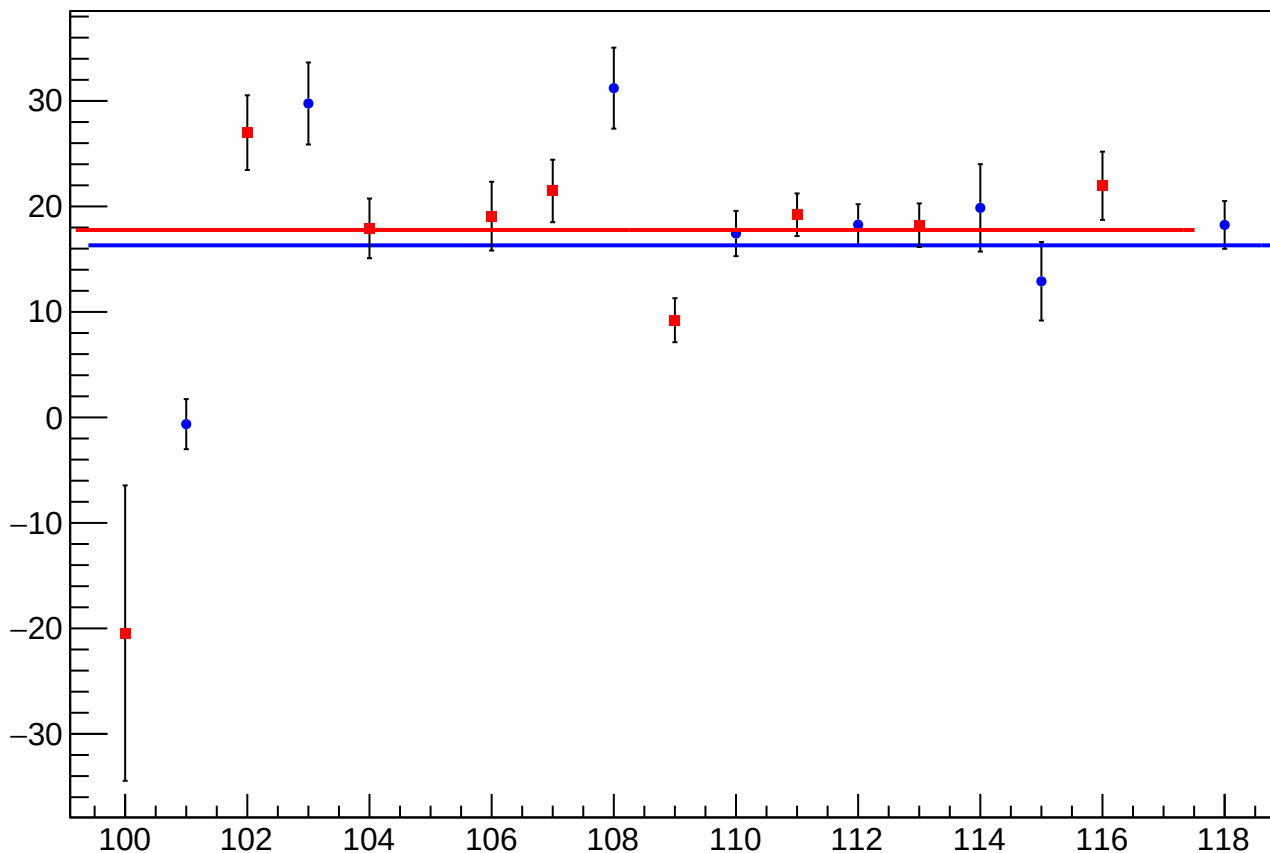
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.559+/-0.542 χ^2/NDF : 505.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



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: 17.771 $\pm$ 0.904 χ^2 /NDF: 35.0/8

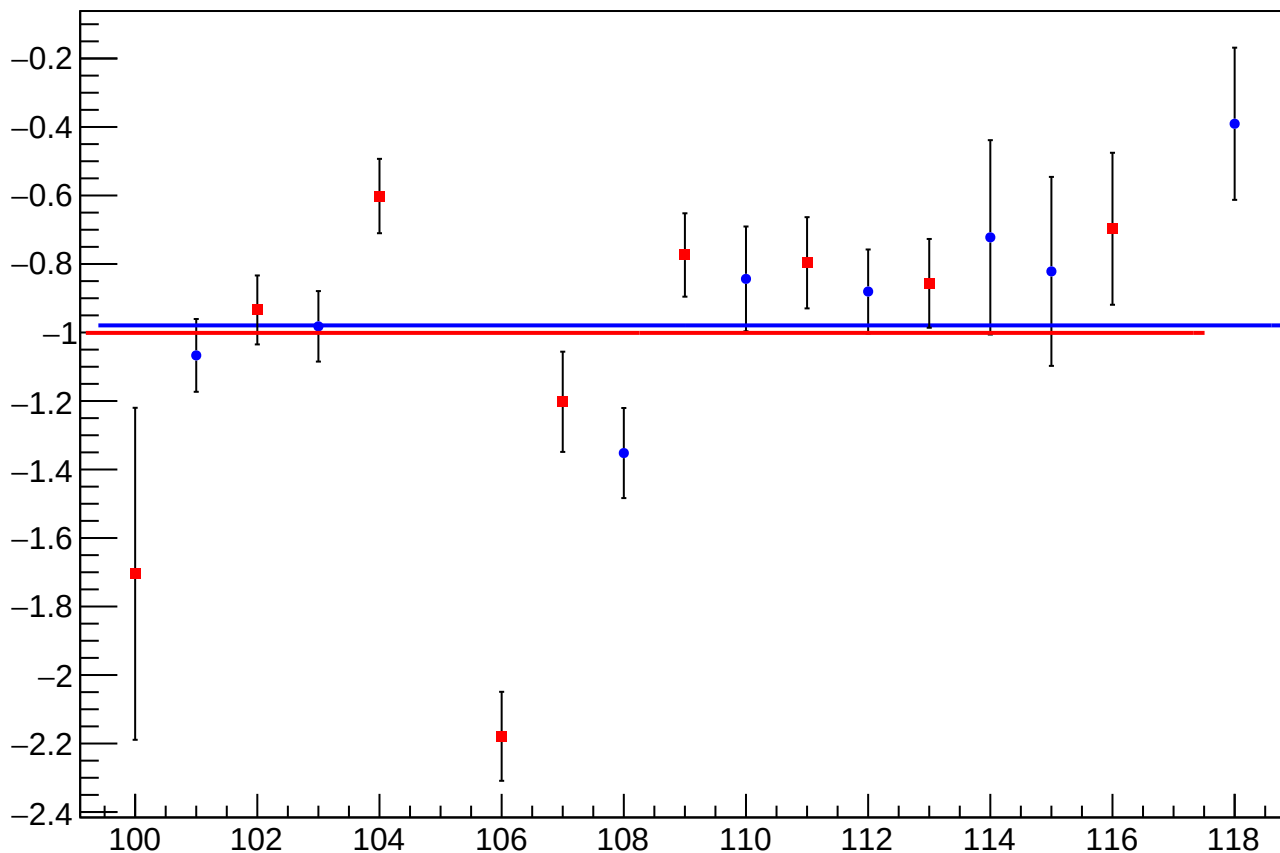
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.073 $\pm$ 0.653 χ^2 /NDF: 117.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



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: -1.001+/-0.045 χ^2/NDF : 109.2/8

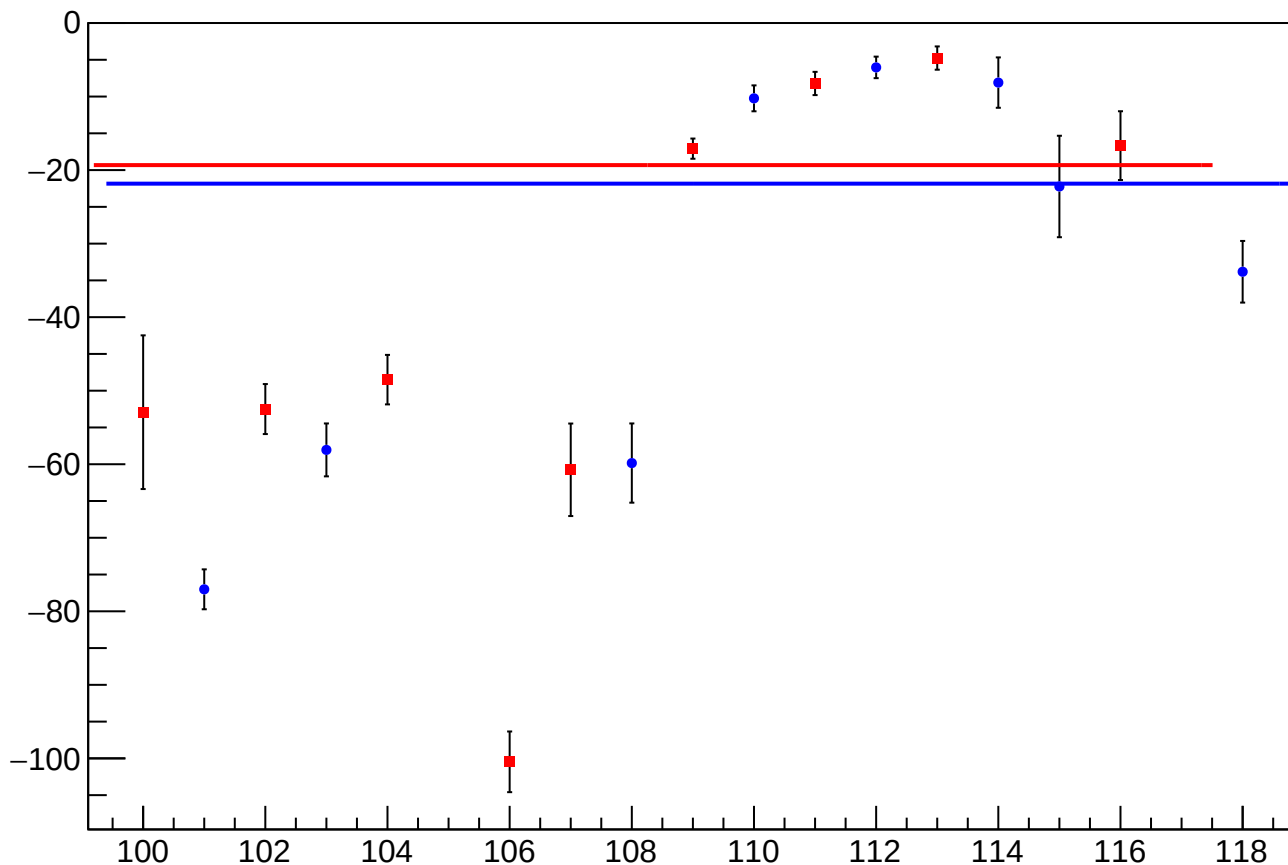
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.991+/-0.033 χ^2/NDF : 127.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



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: -19.323+/-0.780 χ^2/NDF : 747.8/8

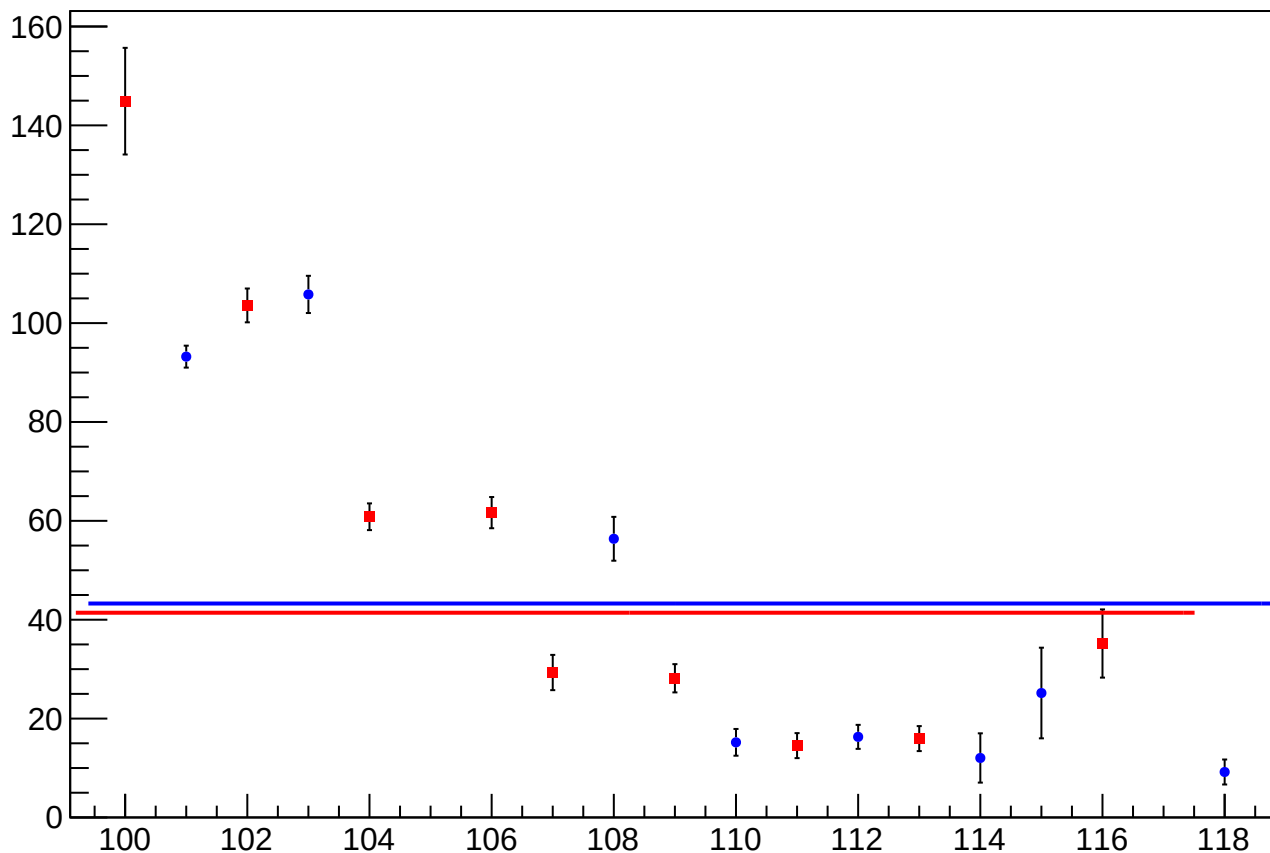
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.387+/-0.593 χ^2/NDF : 1500.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 43.277 $\pm$ 1.092 χ^2 /NDF: 1247.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.414 $\pm$ 1.074 χ^2 /NDF: 763.1/8

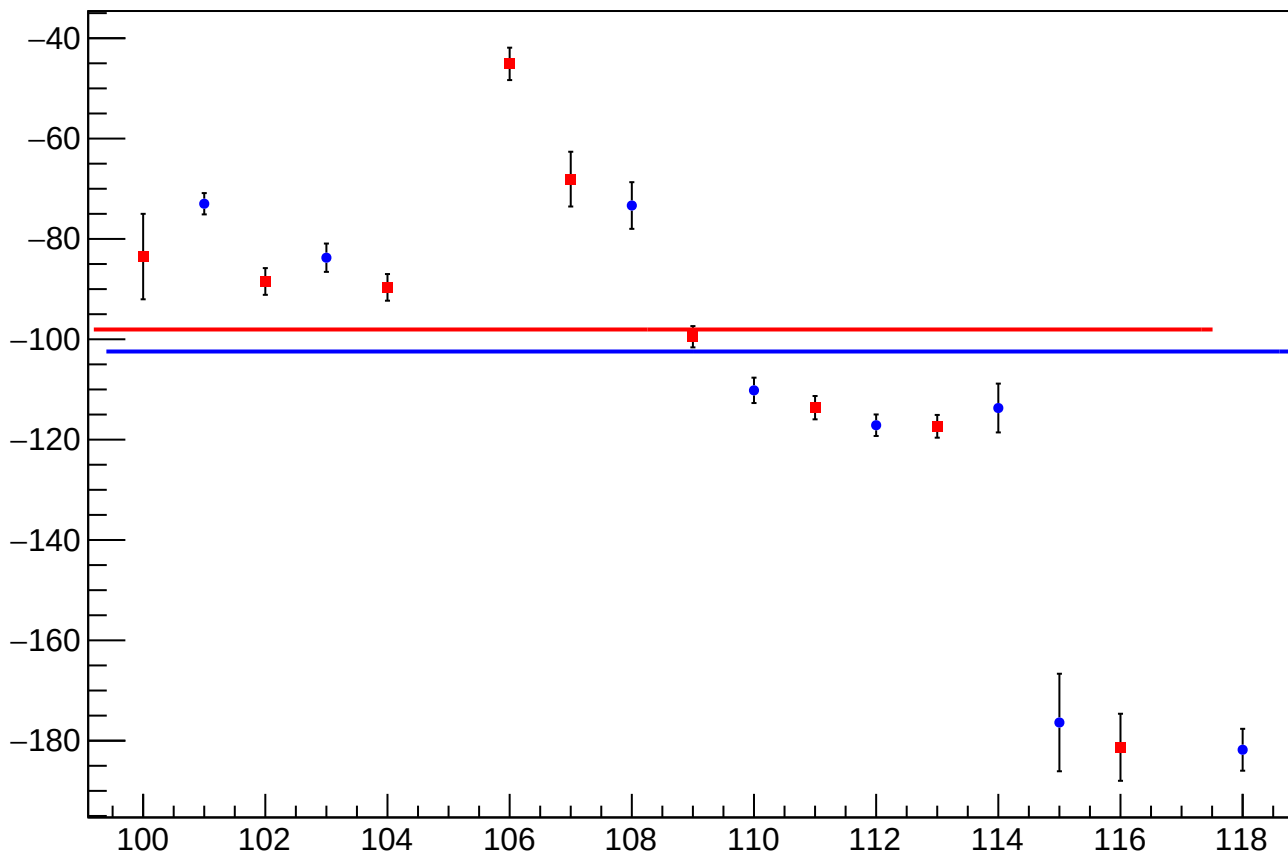
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.330 $\pm$ 0.766 χ^2 /NDF: 2011.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



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: -98.048+/-0.976 χ^2 /NDF: 597.8/8

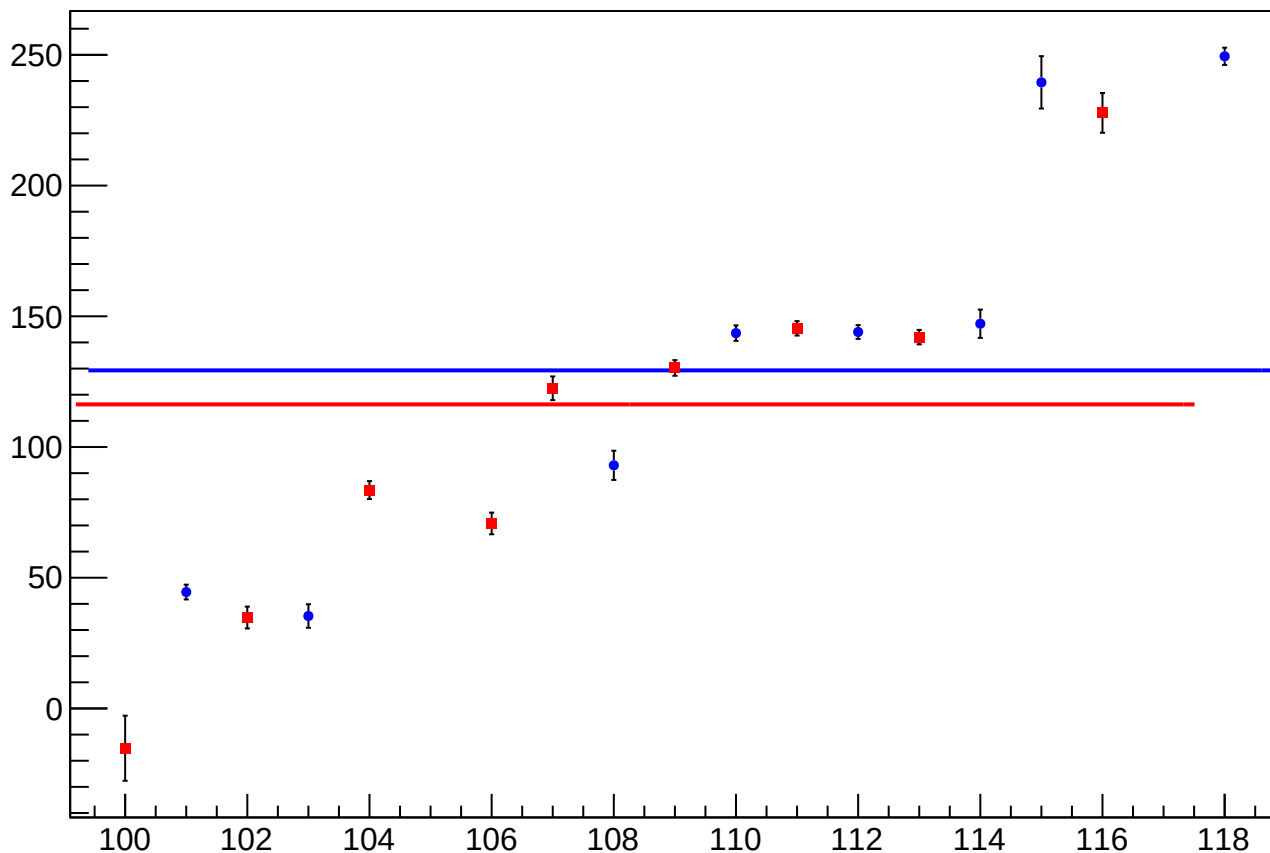
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -100.045+/-0.720 χ^2 /NDF: 1363.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 129.309 $\pm$ 1.293 χ^2 /NDF: 2884.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.297 $\pm$ 1.242 χ^2 /NDF: 1142.8/8

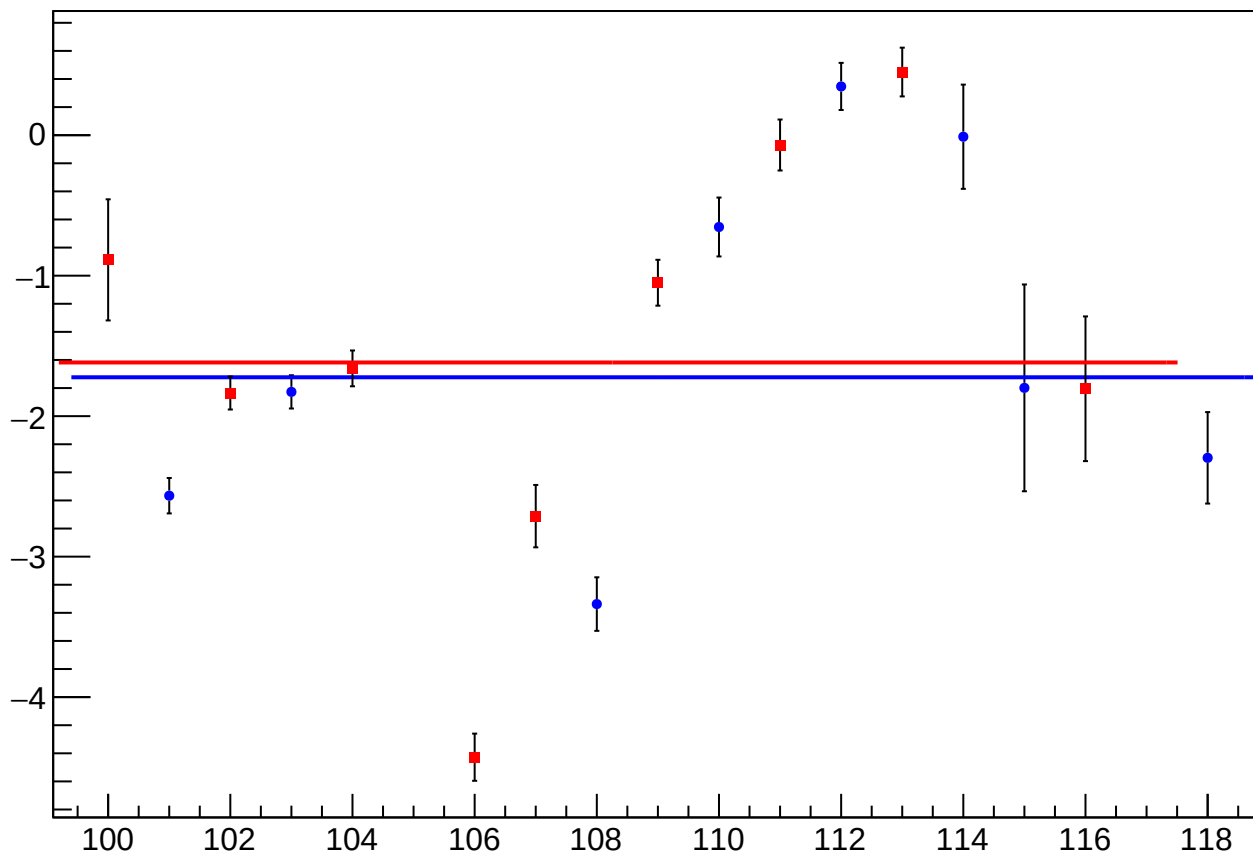
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 122.540 $\pm$ 0.896 χ^2 /NDF: 4079.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



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: -1.618 ± 0.058 χ^2/NDF : 537.7/8

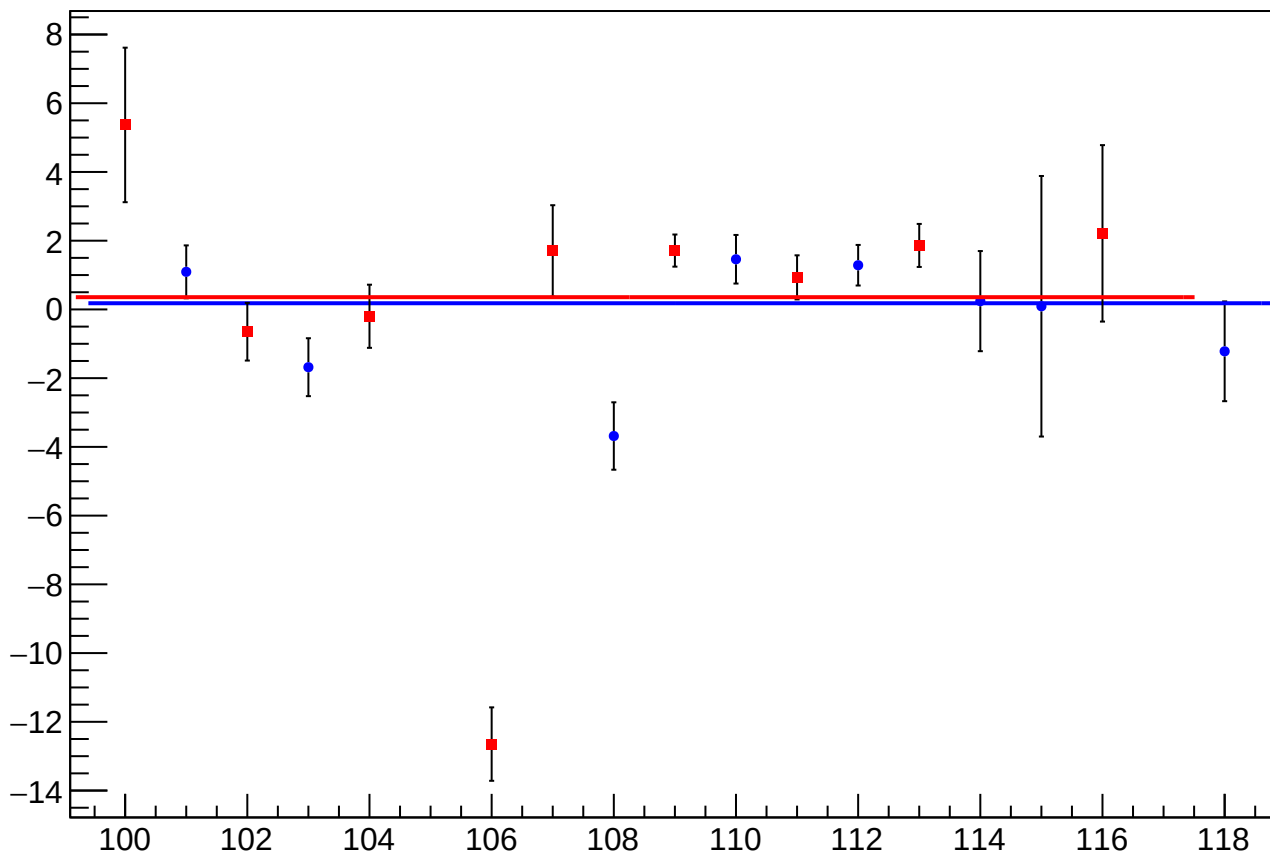
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.665 ± 0.043 χ^2/NDF : 859.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: 0.180 $\pm$ 0.316 χ^2 /NDF: 29.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.356 $\pm$ 0.268 χ^2 /NDF: 171.5/8

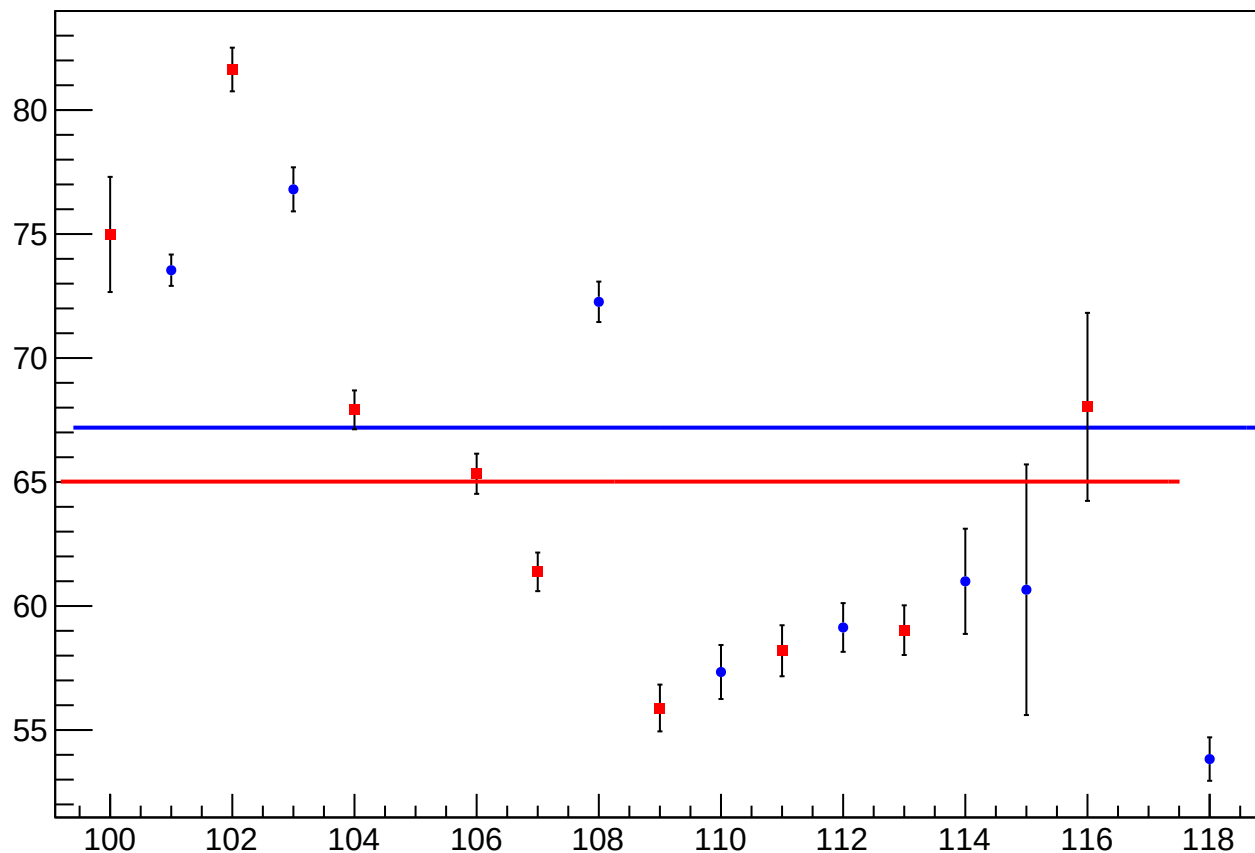
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.283 $\pm$ 0.204 χ^2 /NDF: 201.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



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: 65.018+/-0.326 χ^2/NDF : 584.6/8

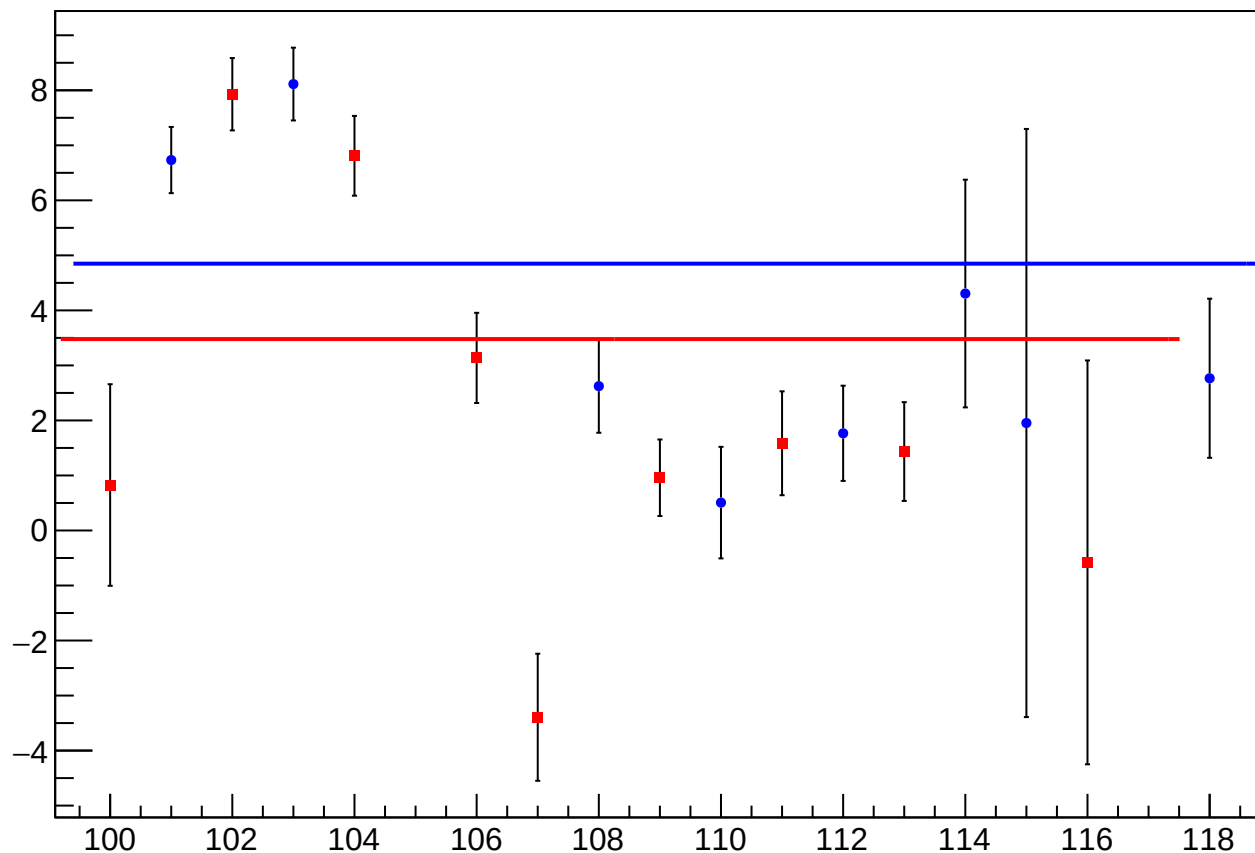
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.064+/-0.235 χ^2/NDF : 1254.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



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: 3.479+/-0.298 χ^2/NDF : 128.2/8

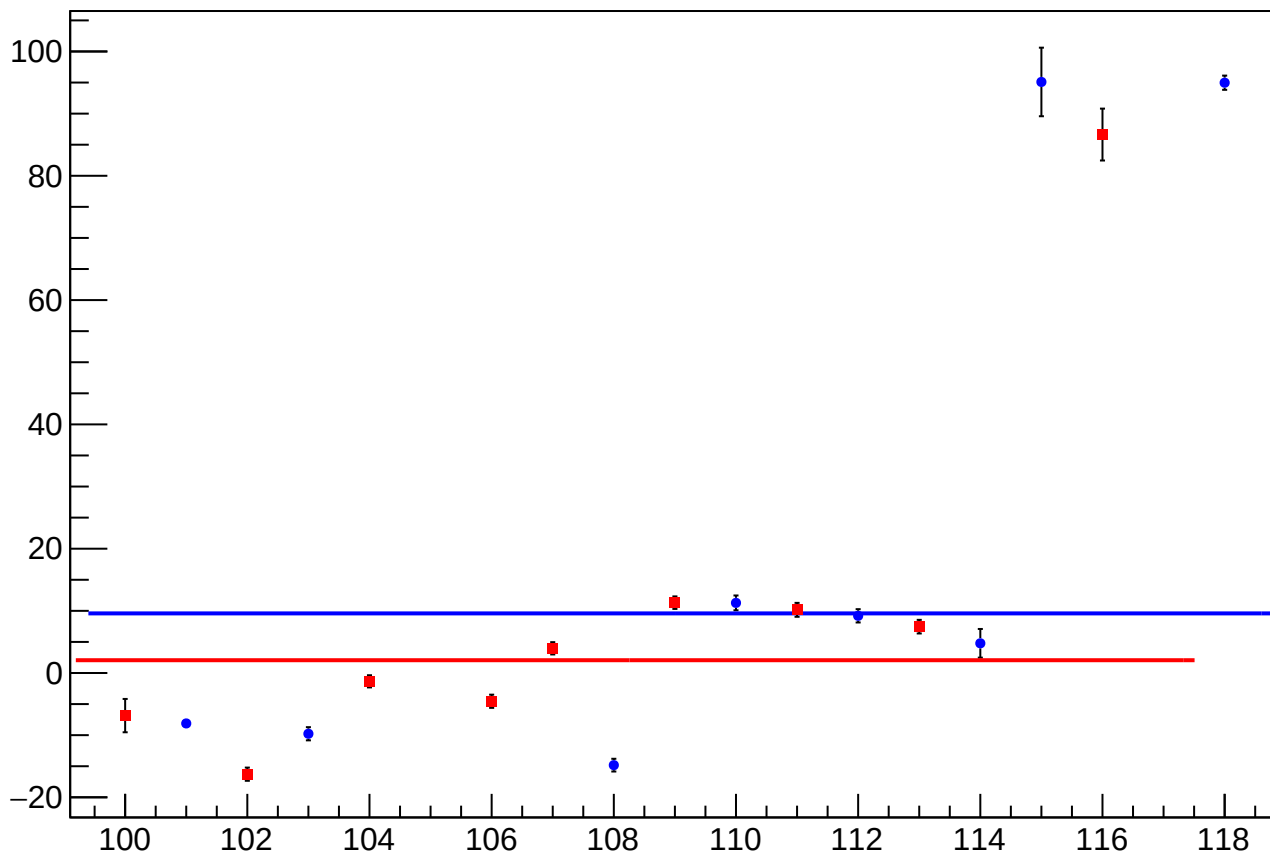
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.106+/-0.219 χ^2/NDF : 212.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



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: 2.057+/-0.388 χ^2/NDF : 935.1/8

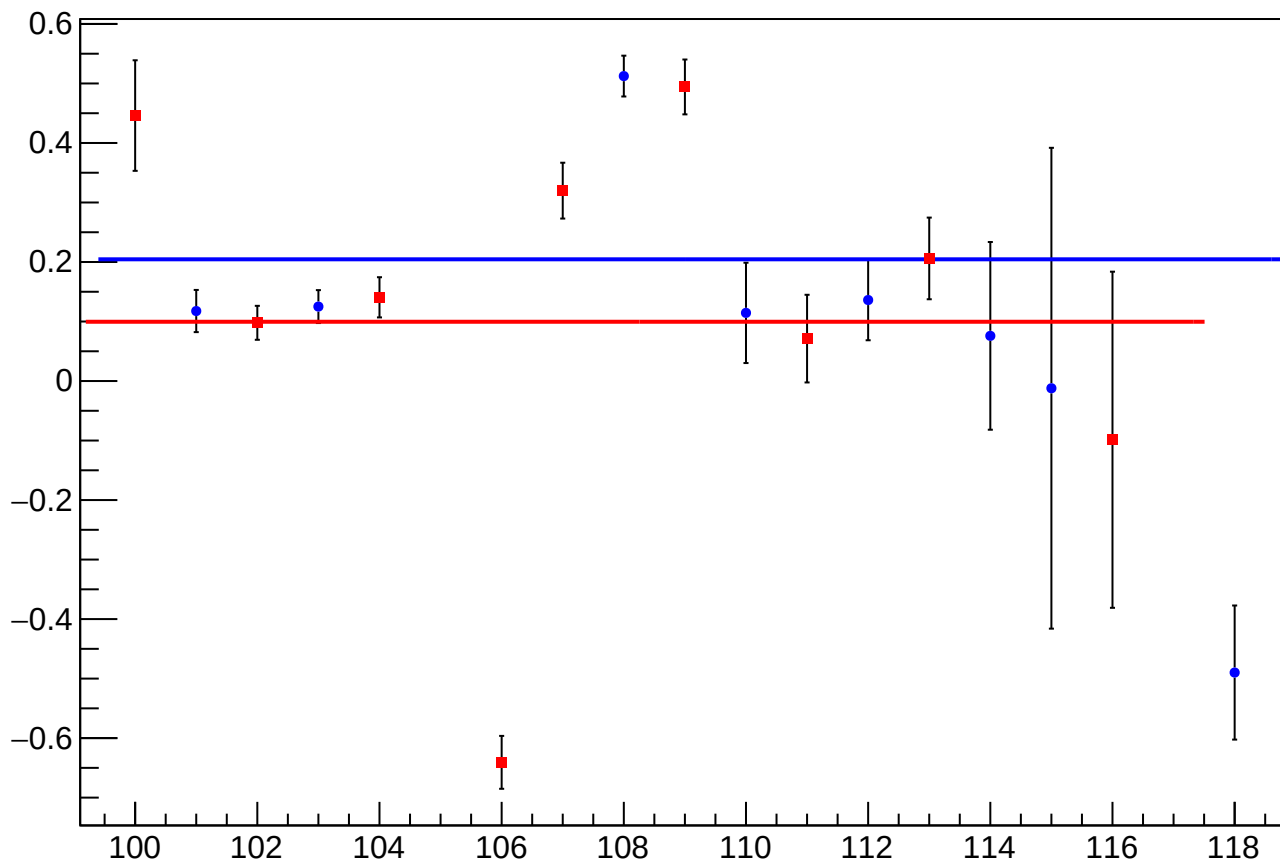
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.615+/-0.282 χ^2/NDF : 8322.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.205 $\pm$ 0.017 χ^2 /NDF: 136.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.100 $\pm$ 0.016 χ^2 /NDF: 391.2/8

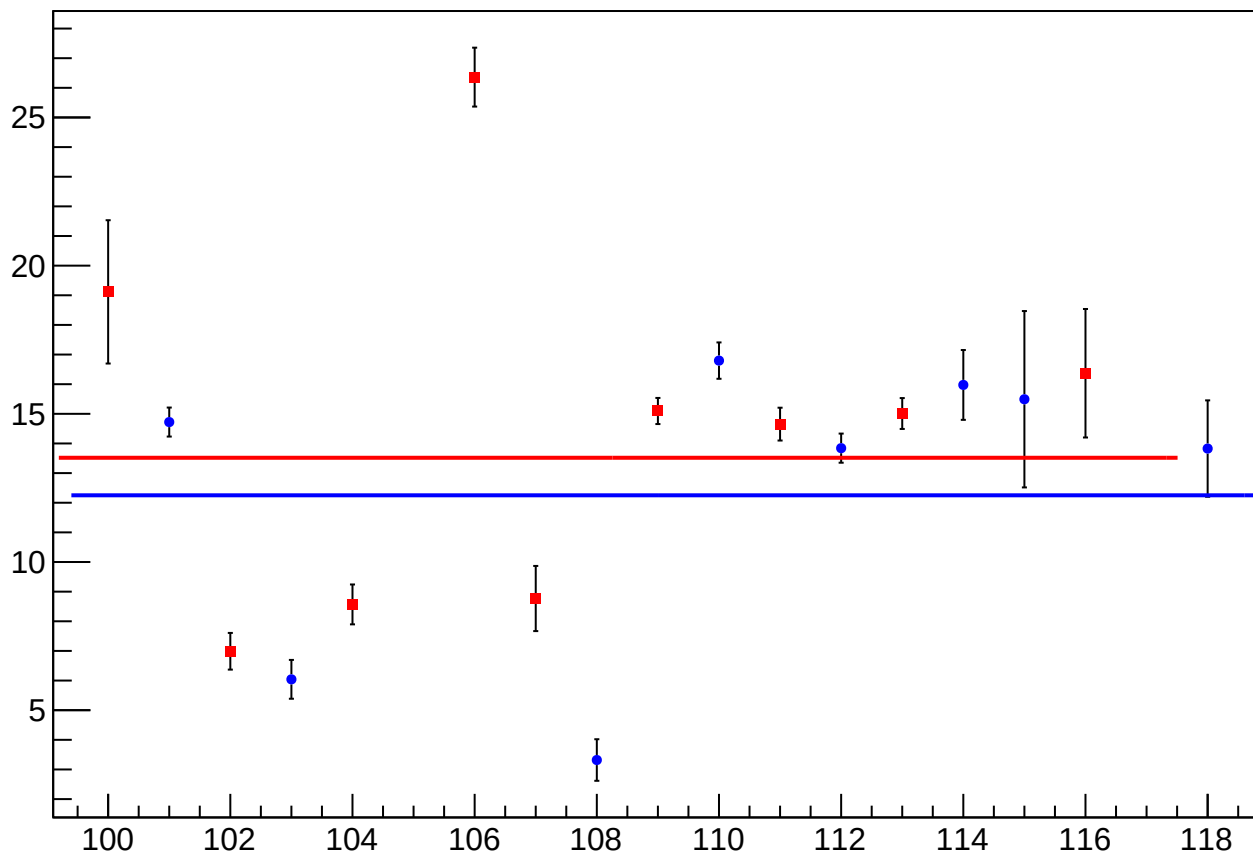
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.148 $\pm$ 0.012 χ^2 /NDF: 547.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



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: 13.517+/-0.229 χ^2/NDF : 383.4/8

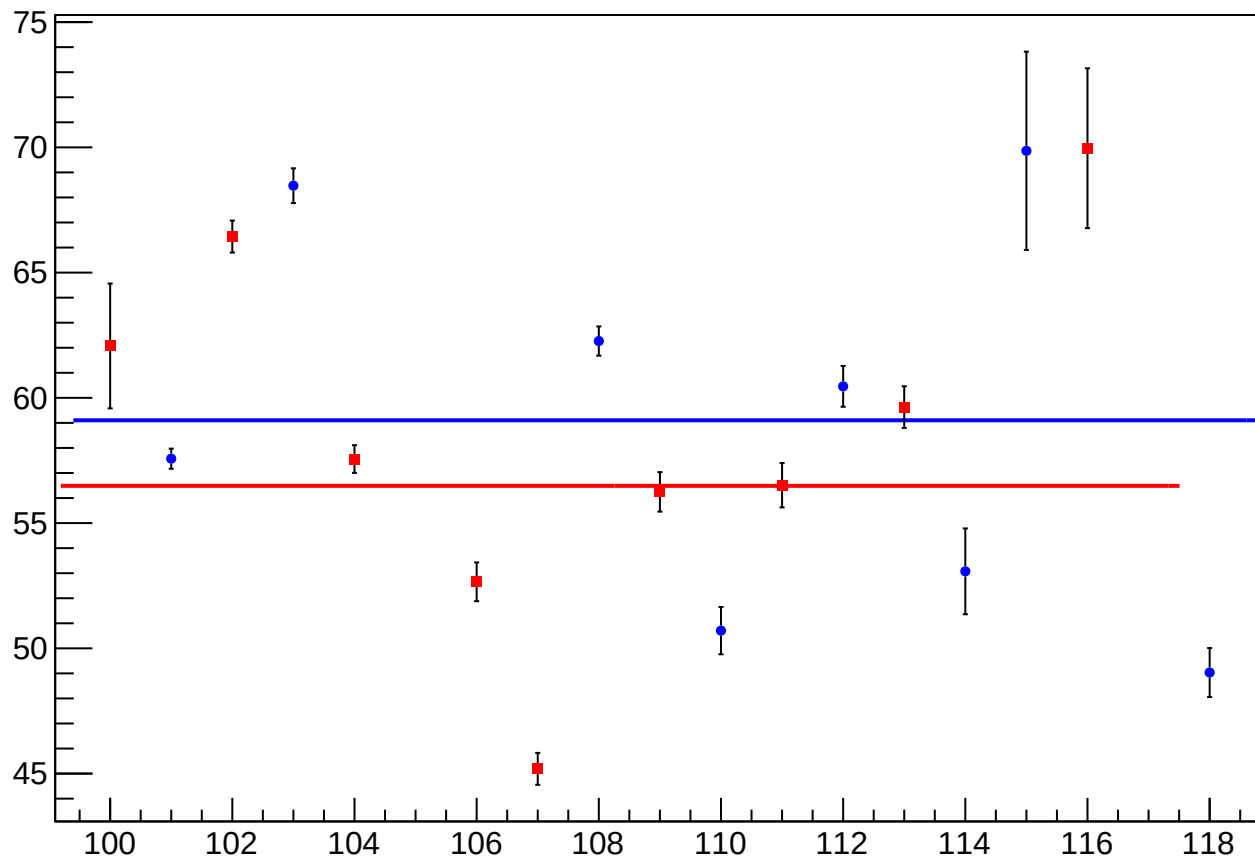
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.930+/-0.167 χ^2/NDF : 752.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 59.104 $\pm$ 0.256 χ^2 /NDF: 434.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.487 $\pm$ 0.263 χ^2 /NDF: 622.5/8

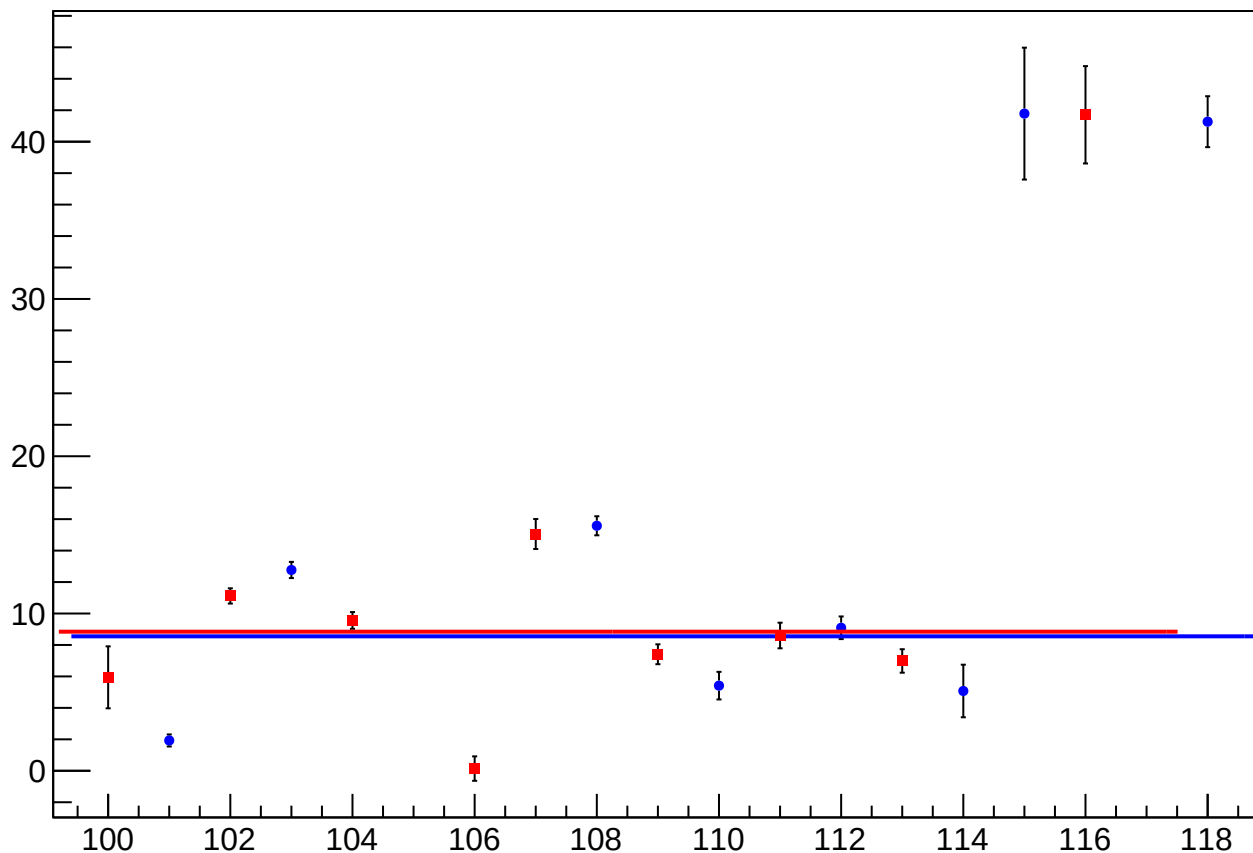
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.833 $\pm$ 0.183 χ^2 /NDF: 1107.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 8.550 $\pm$ 0.240 χ^2 /NDF: 990.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.845 $\pm$ 0.245 χ^2 /NDF: 318.1/8

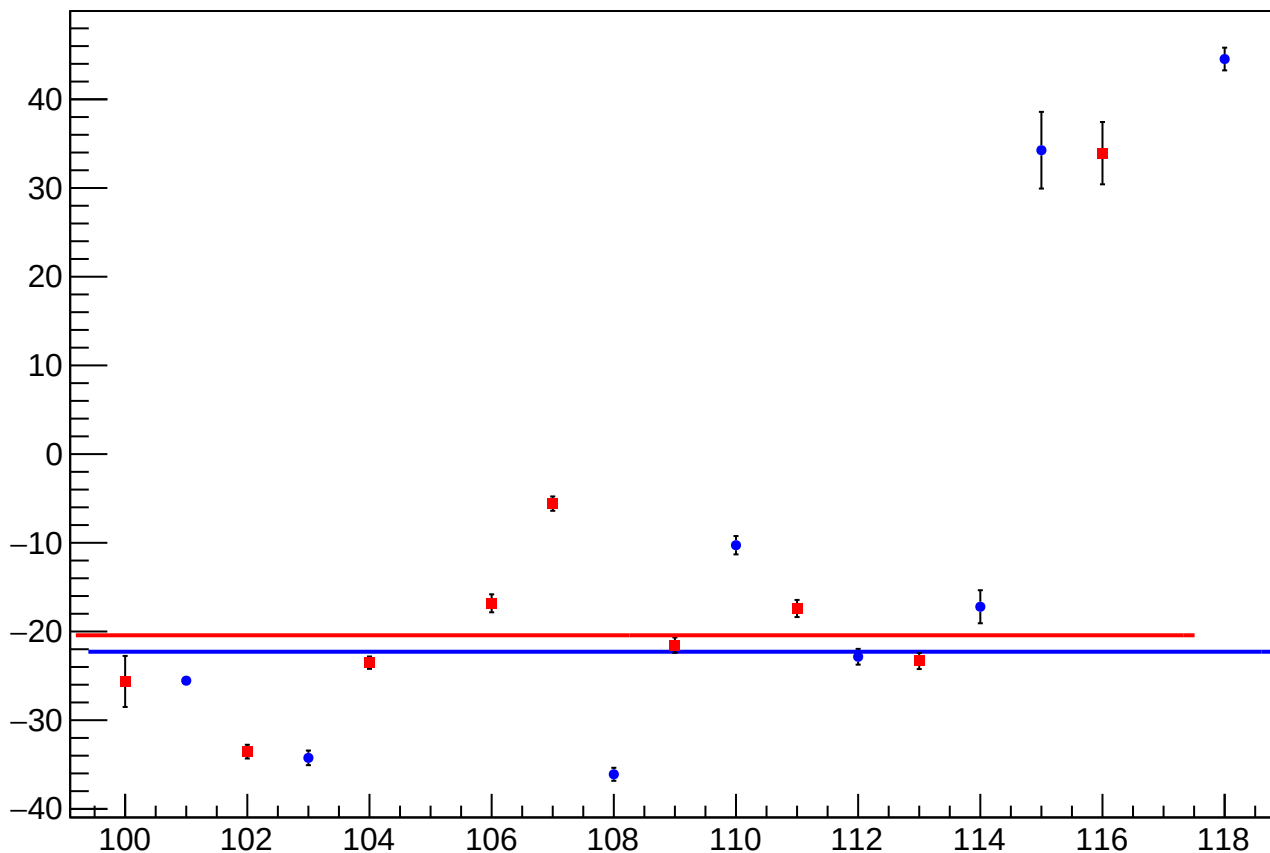
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.695 $\pm$ 0.171 χ^2 /NDF: 1308.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



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: -20.427 ± 0.315 χ^2/NDF : 920.1/8

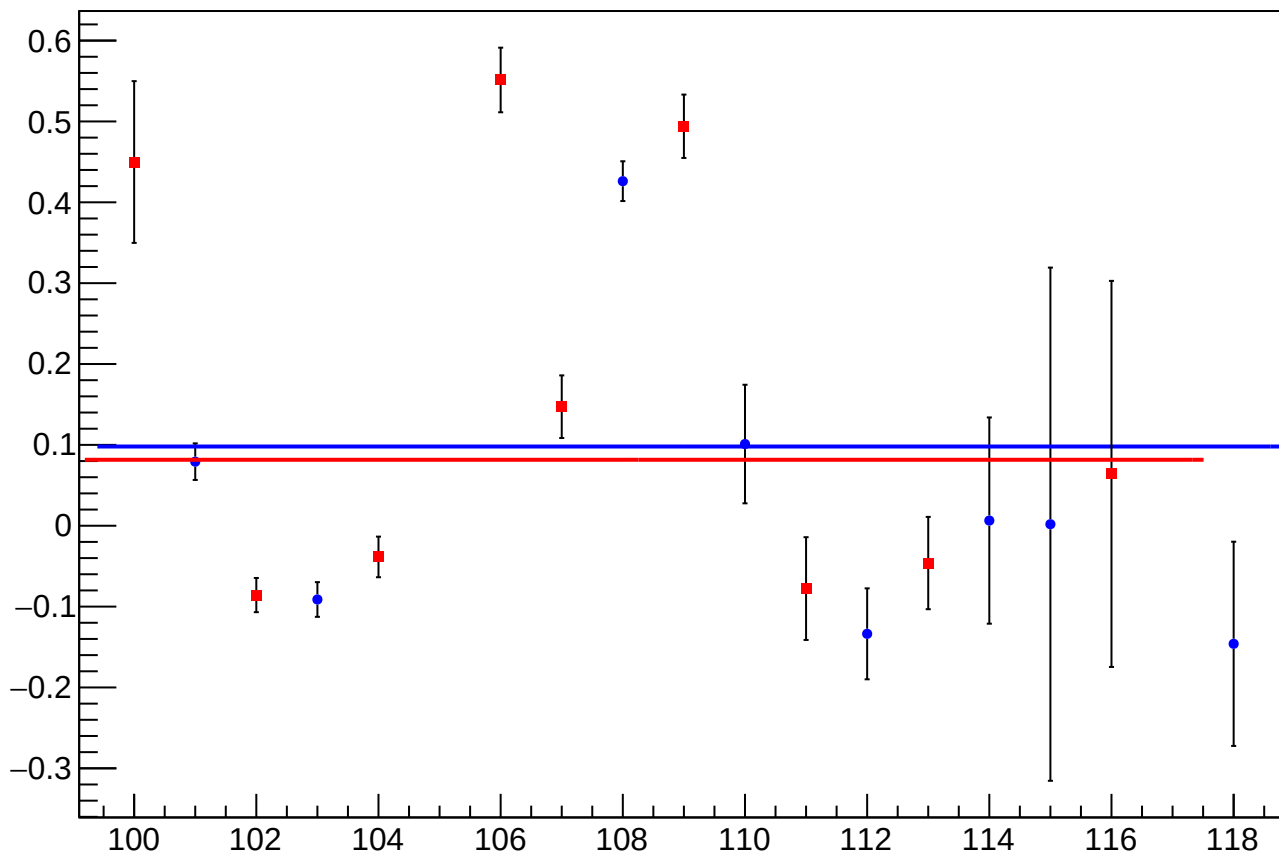
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.367 ± 0.222 χ^2/NDF : 4580.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



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: 0.082 $\pm$ 0.012 χ^2 /NDF: 362.2/8

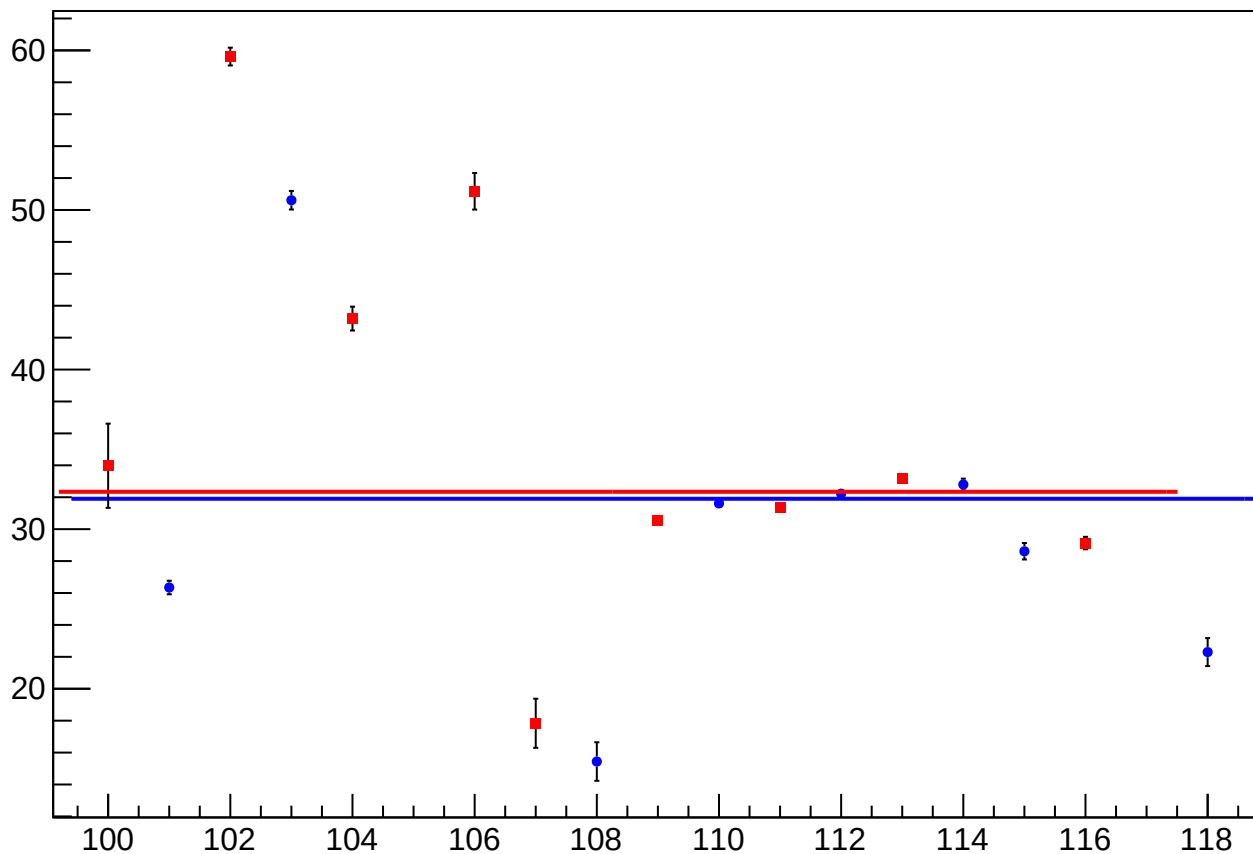
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.090 $\pm$ 0.009 χ^2 /NDF: 640.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



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: 32.343+/-0.089 χ^2/NDF : 3241.0/8

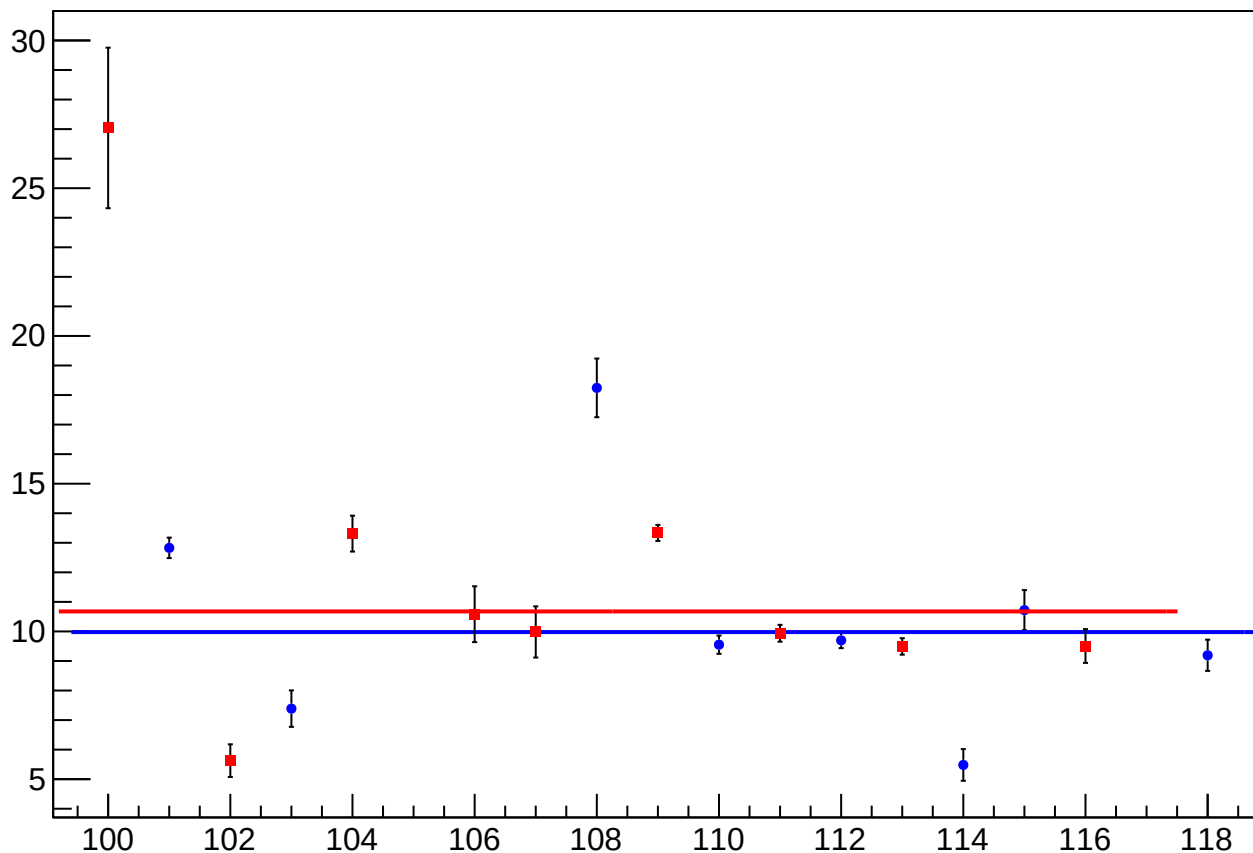
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.167+/-0.069 χ^2/NDF : 4813.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 9.978 $\pm$ 0.147 χ^2 /NDF: 231.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.677 $\pm$ 0.141 χ^2 /NDF: 264.1/8

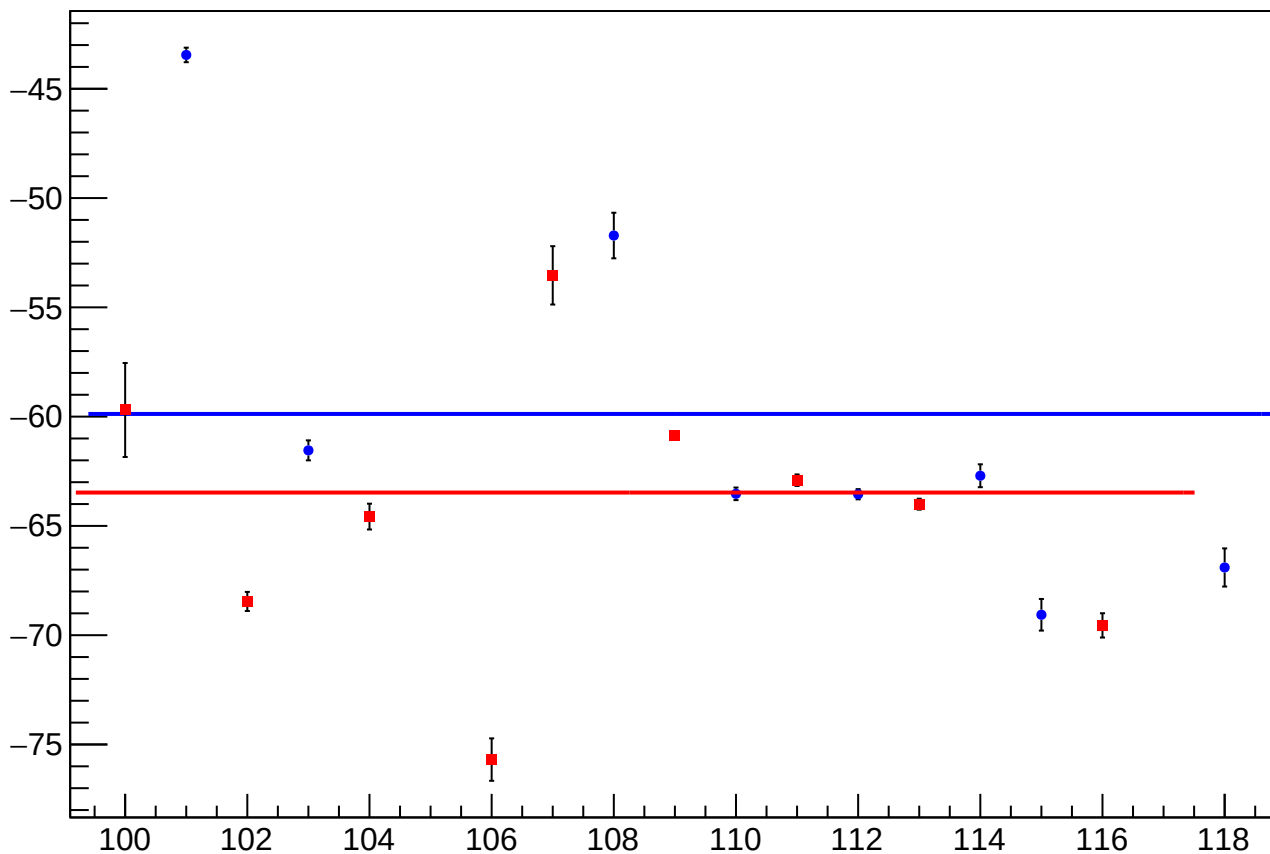
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.343 $\pm$ 0.102 χ^2 /NDF: 507.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



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: -63.474 ± 0.124 χ^2/NDF : 625.8/8

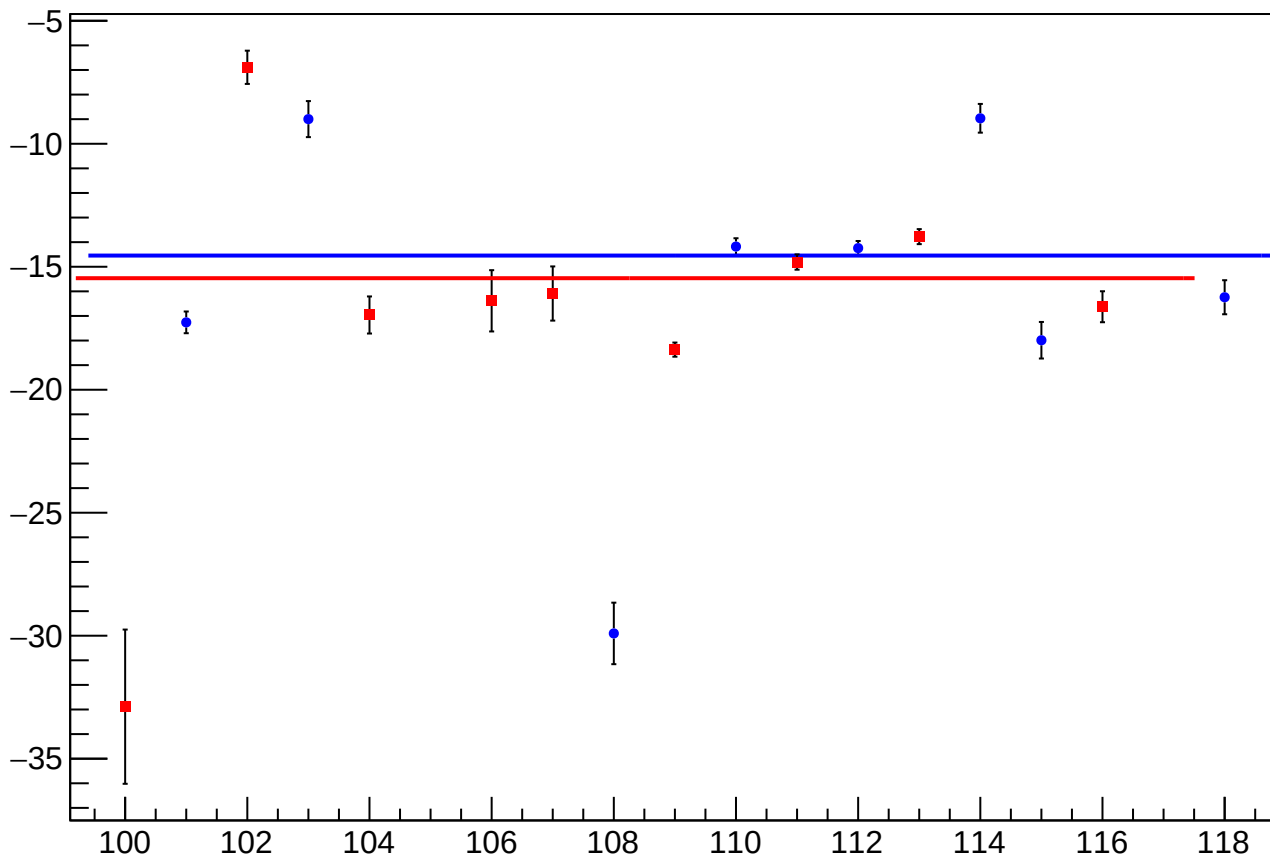
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.876 ± 0.093 χ^2/NDF : 4175.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



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: -15.465+/-0.156 χ^2/NDF : 337.3/8

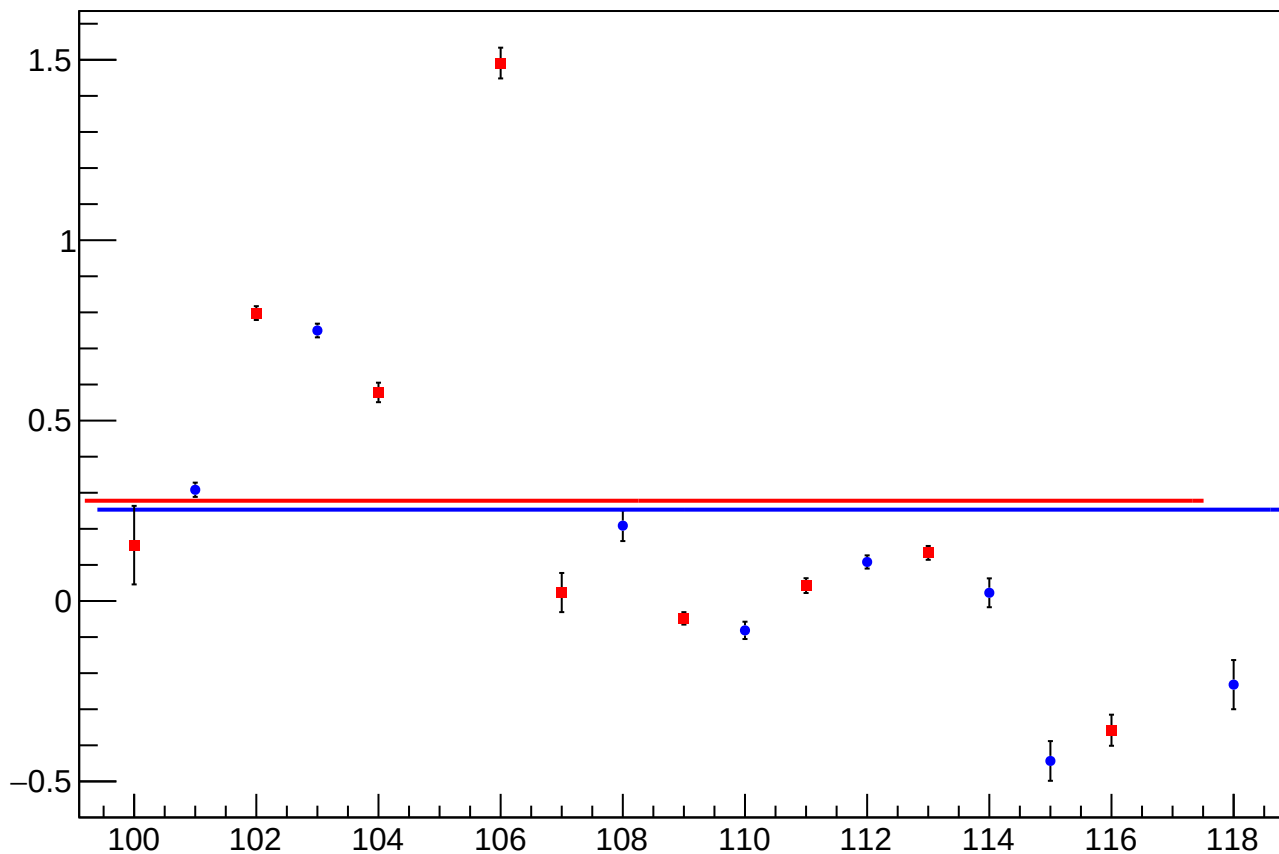
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.042+/-0.114 χ^2/NDF : 720.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



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: 0.278+/-0.008 χ^2/NDF : 2455.5/8

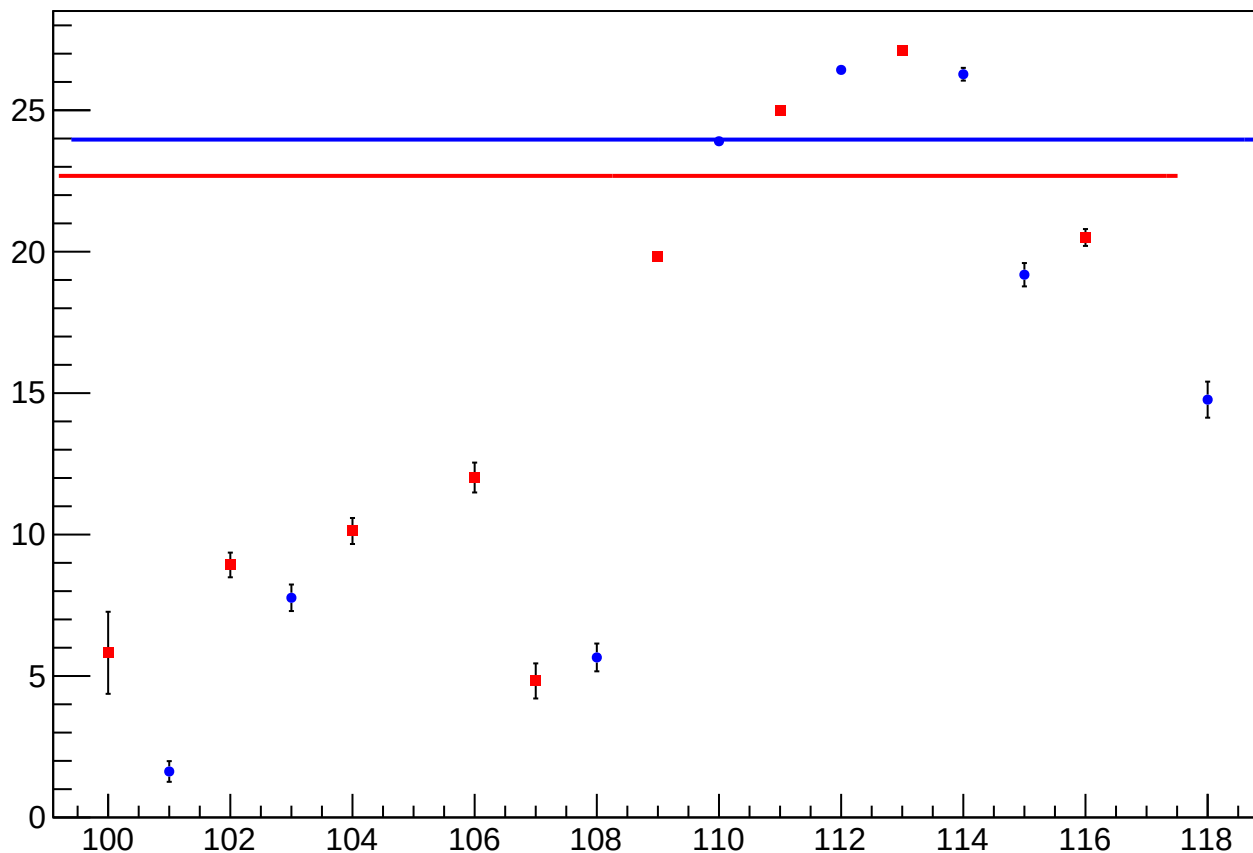
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.267+/-0.006 χ^2/NDF : 3652.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



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: 22.680 $\pm$ 0.049 χ^2 /NDF: 7202.2/8

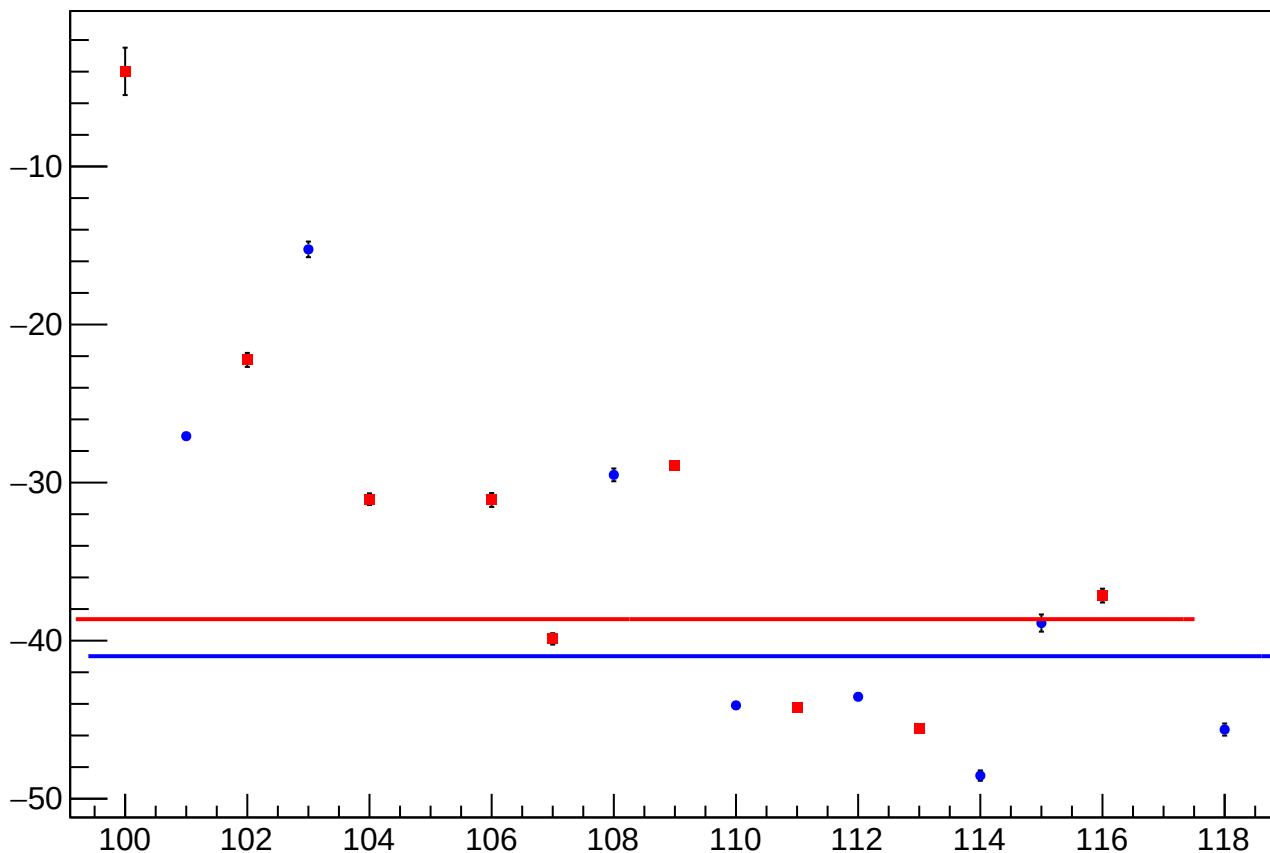
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.174 $\pm$ 0.038 χ^2 /NDF: 15037.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



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: -38.640 ± 0.080 χ^2/NDF : 9410.6/8

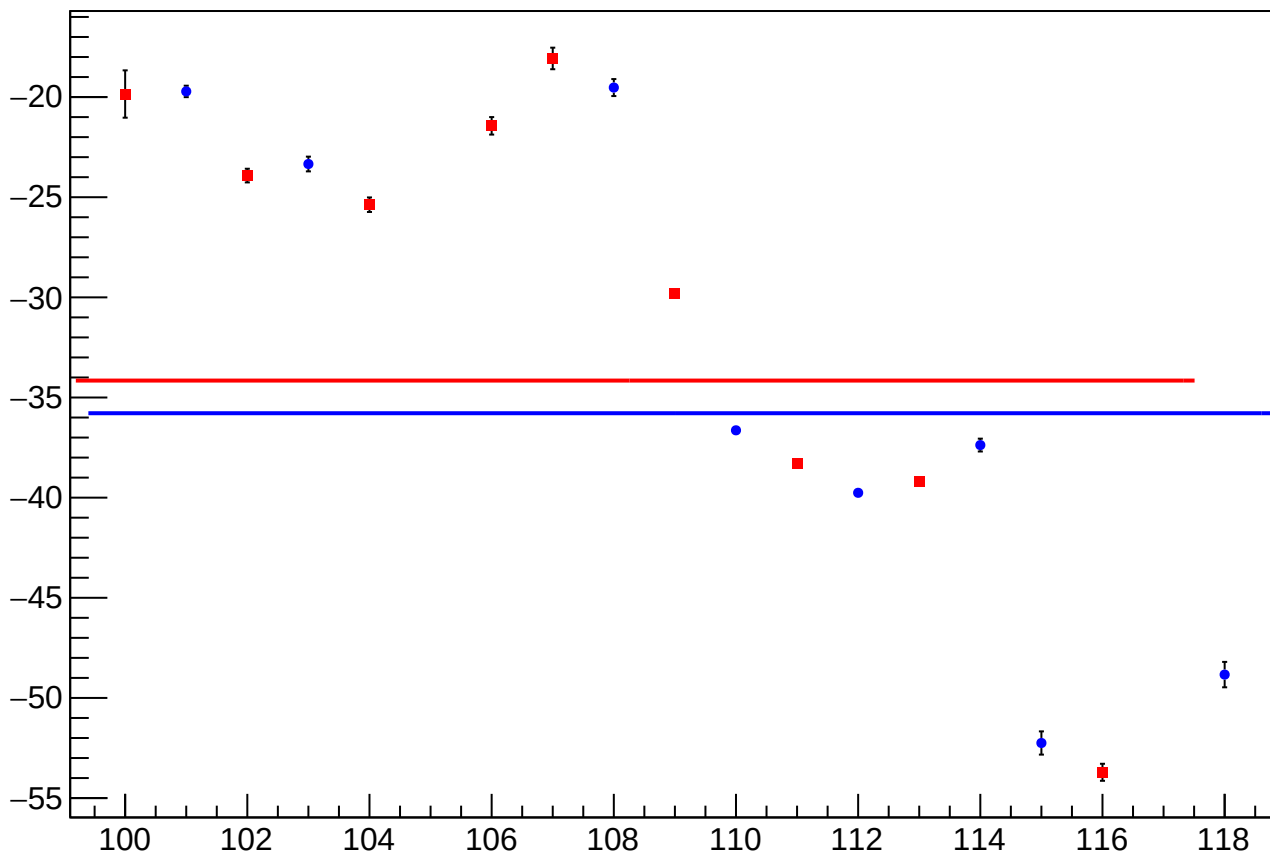
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.691 ± 0.060 χ^2/NDF : 16854.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eX_slope vs Slug



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: -34.154 $\pm$ 0.069 χ^2 /NDF: 9062.3/8

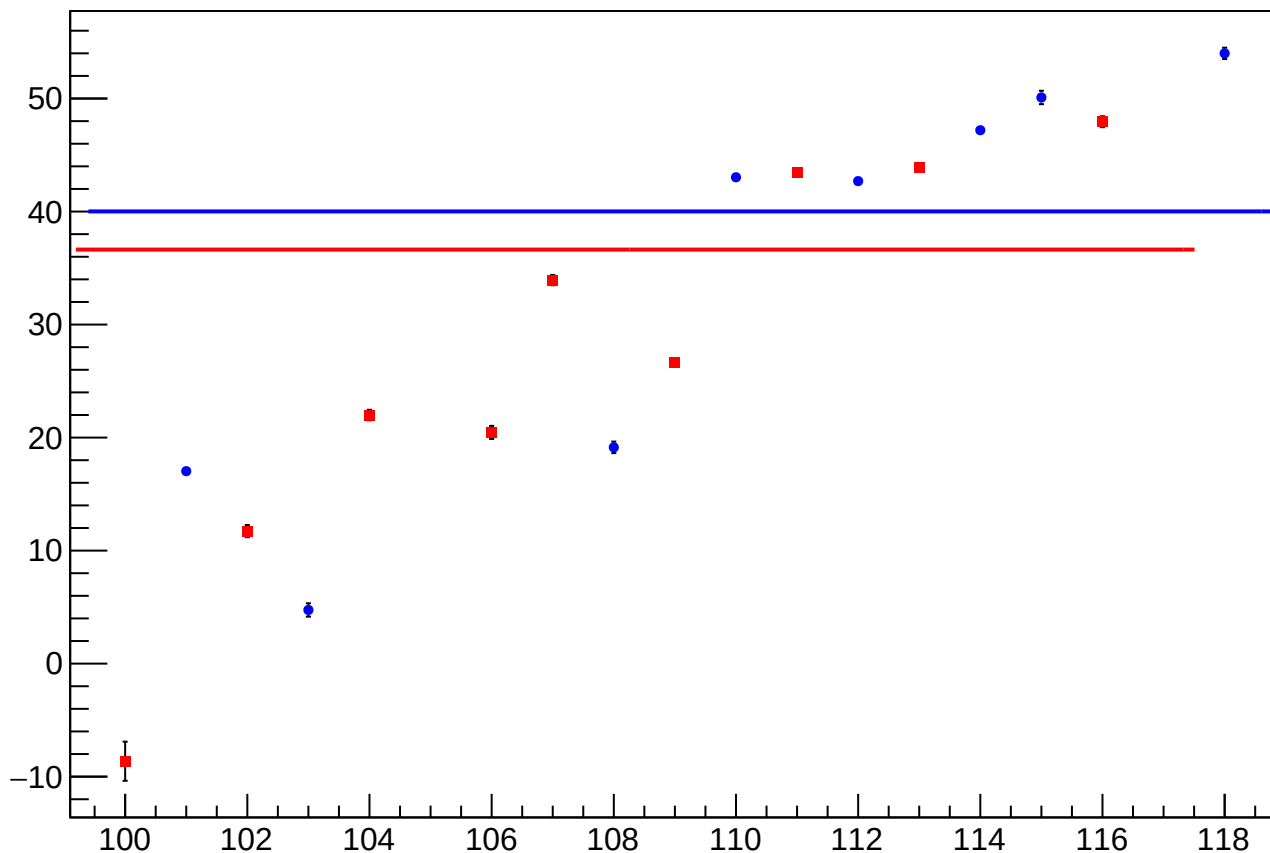
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.825 $\pm$ 0.053 χ^2 /NDF: 17317.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



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: 36.634 $\pm$ 0.088 χ^2 /NDF: 12189.0/8

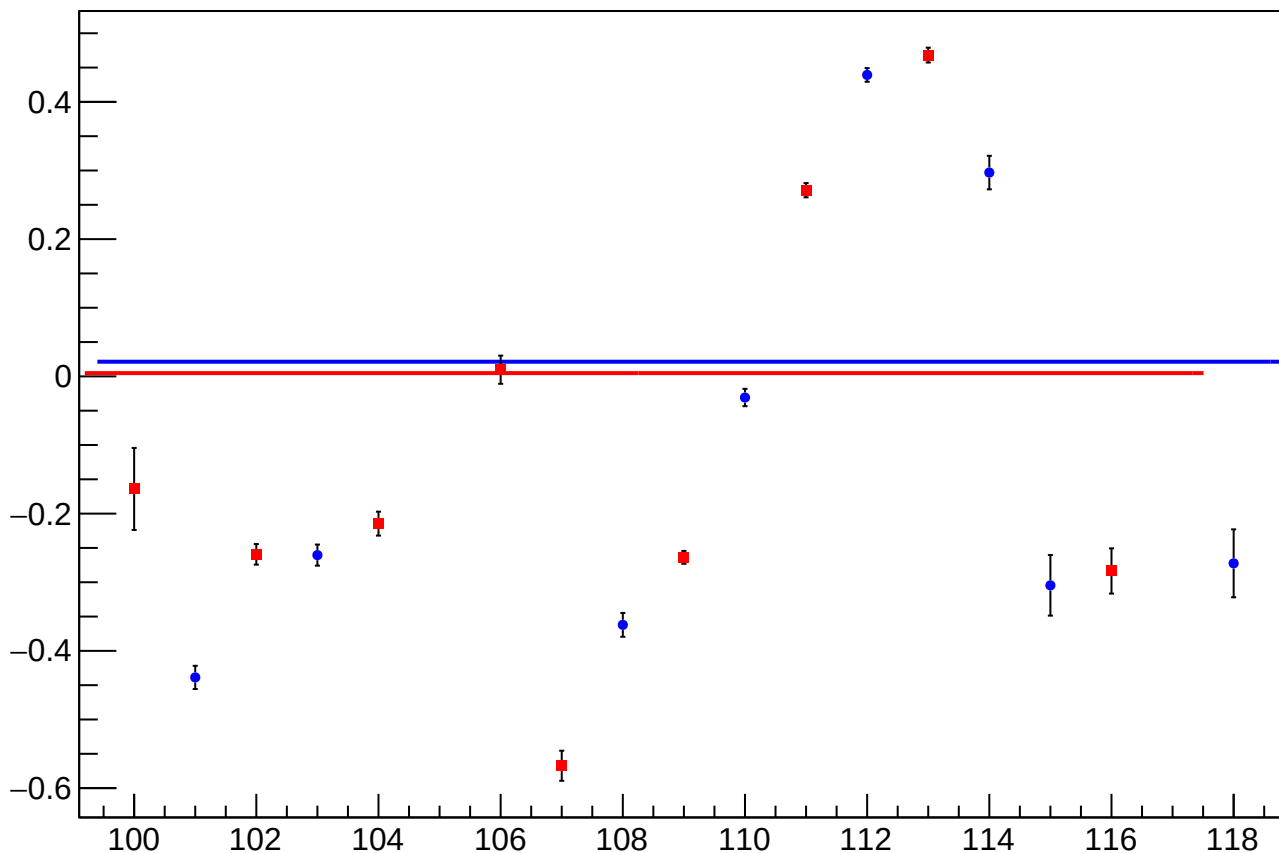
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.112 $\pm$ 0.066 χ^2 /NDF: 23797.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



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: 0.005+/-0.005 χ^2/NDF : 4545.1/8

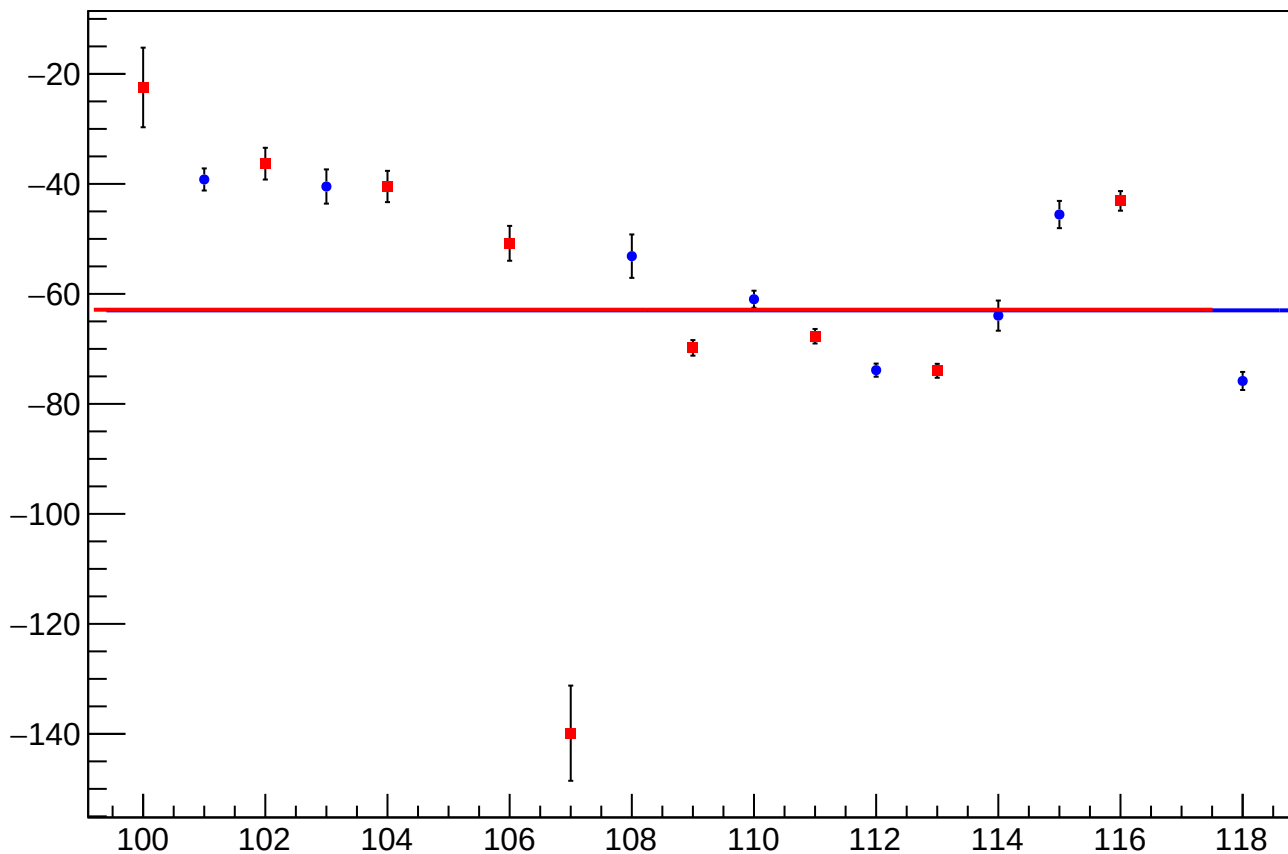
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.004 χ^2/NDF : 8112.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



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: -62.876 ± 0.648 χ^2/NDF : 508.8/8

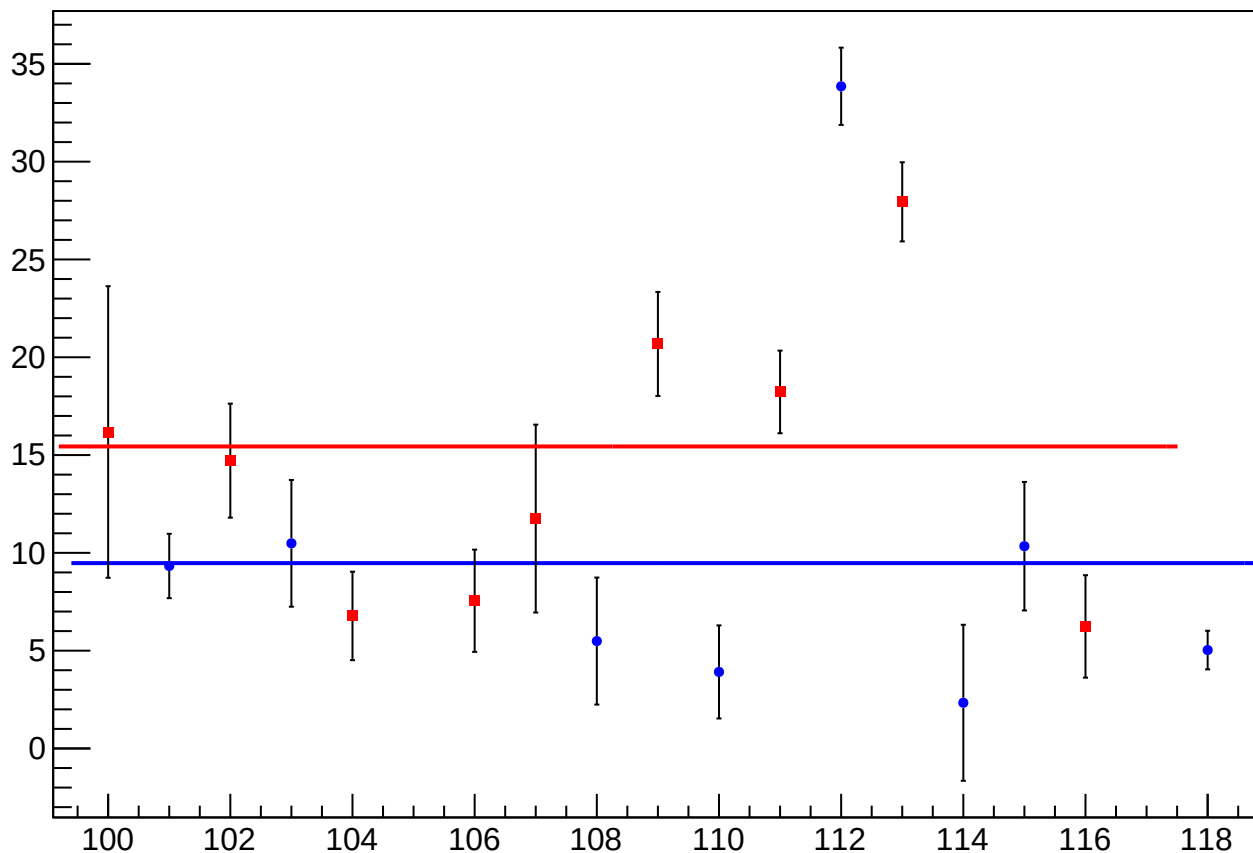
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.932 ± 0.467 χ^2/NDF : 903.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



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: 15.440+/-0.885 χ^2/NDF : 80.6/8

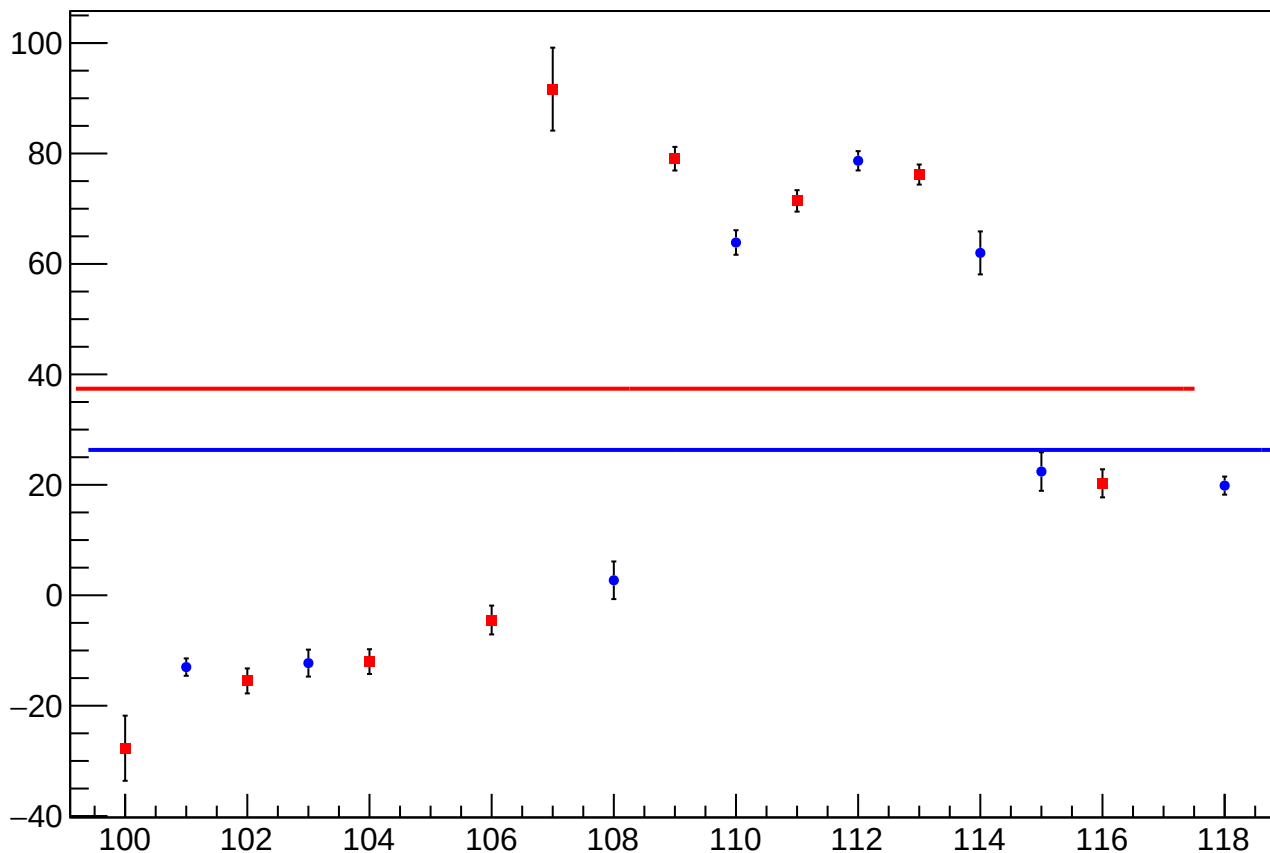
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.682+/-0.538 χ^2/NDF : 292.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



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: 37.406+/-0.809 χ^2/NDF : 2650.6/8

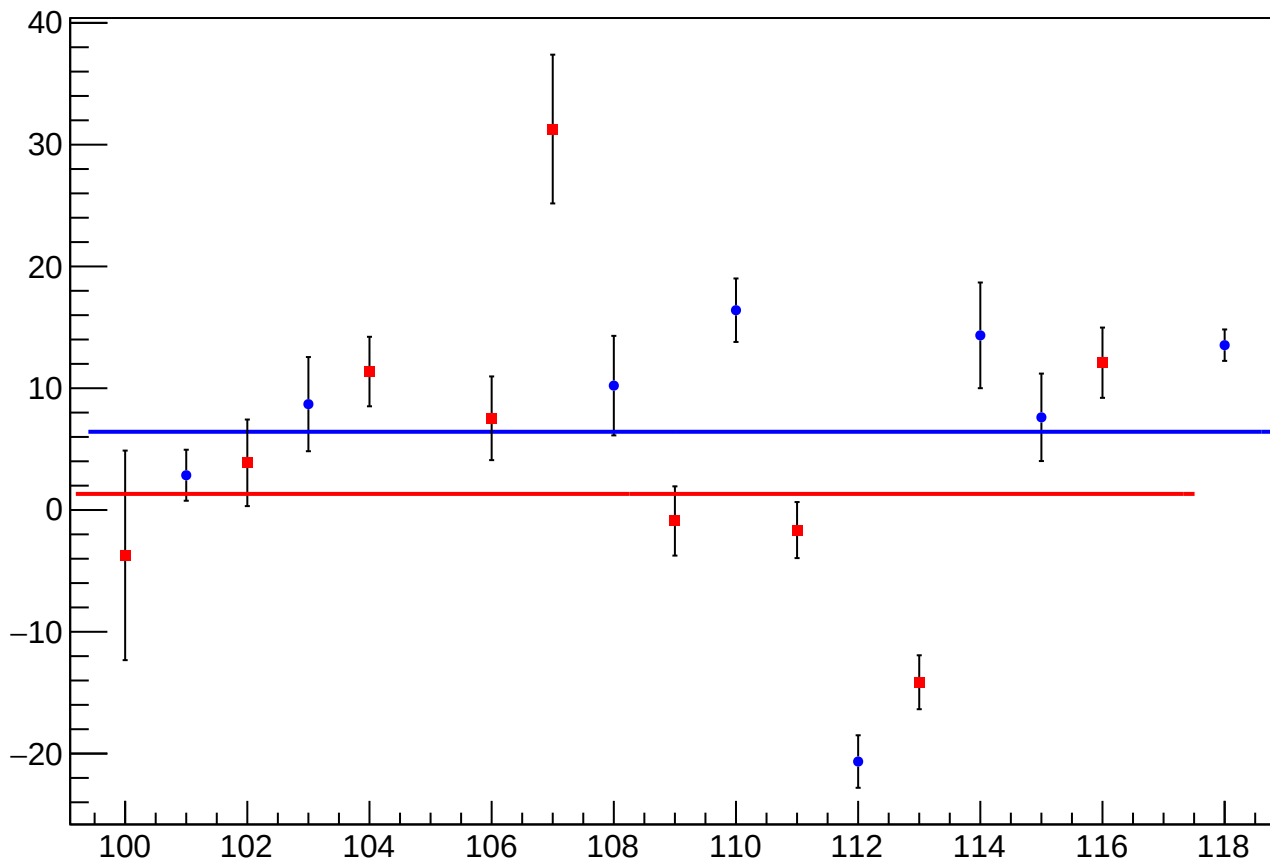
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.555+/-0.556 χ^2/NDF : 4958.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 6.424 $\pm$ 0.831 χ^2 /NDF: 210.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.323 $\pm$ 1.019 χ^2 /NDF: 105.6/8

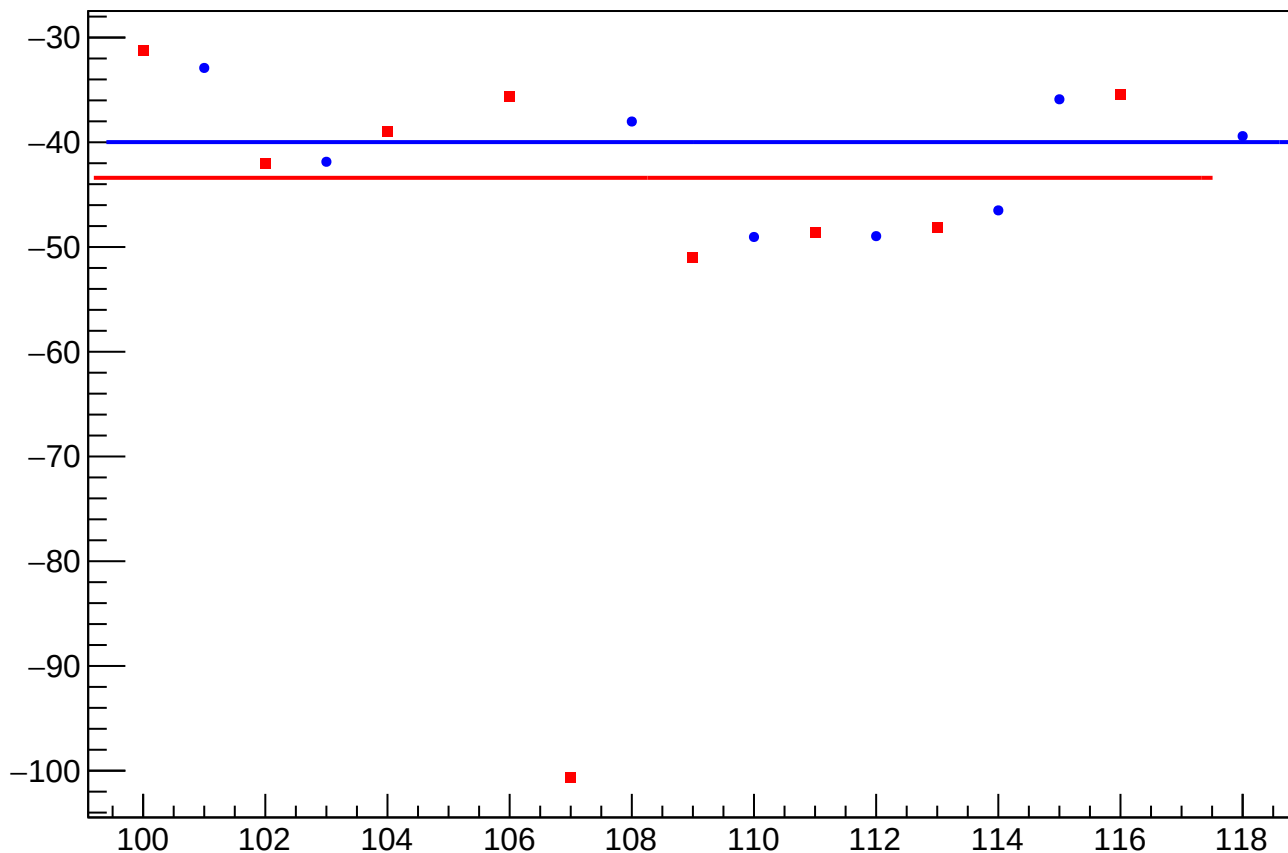
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.387 $\pm$ 0.644 χ^2 /NDF: 330.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.983 ± 0.048 χ^2/NDF : 13714.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.393 ± 0.048 χ^2/NDF : 49117.2/8

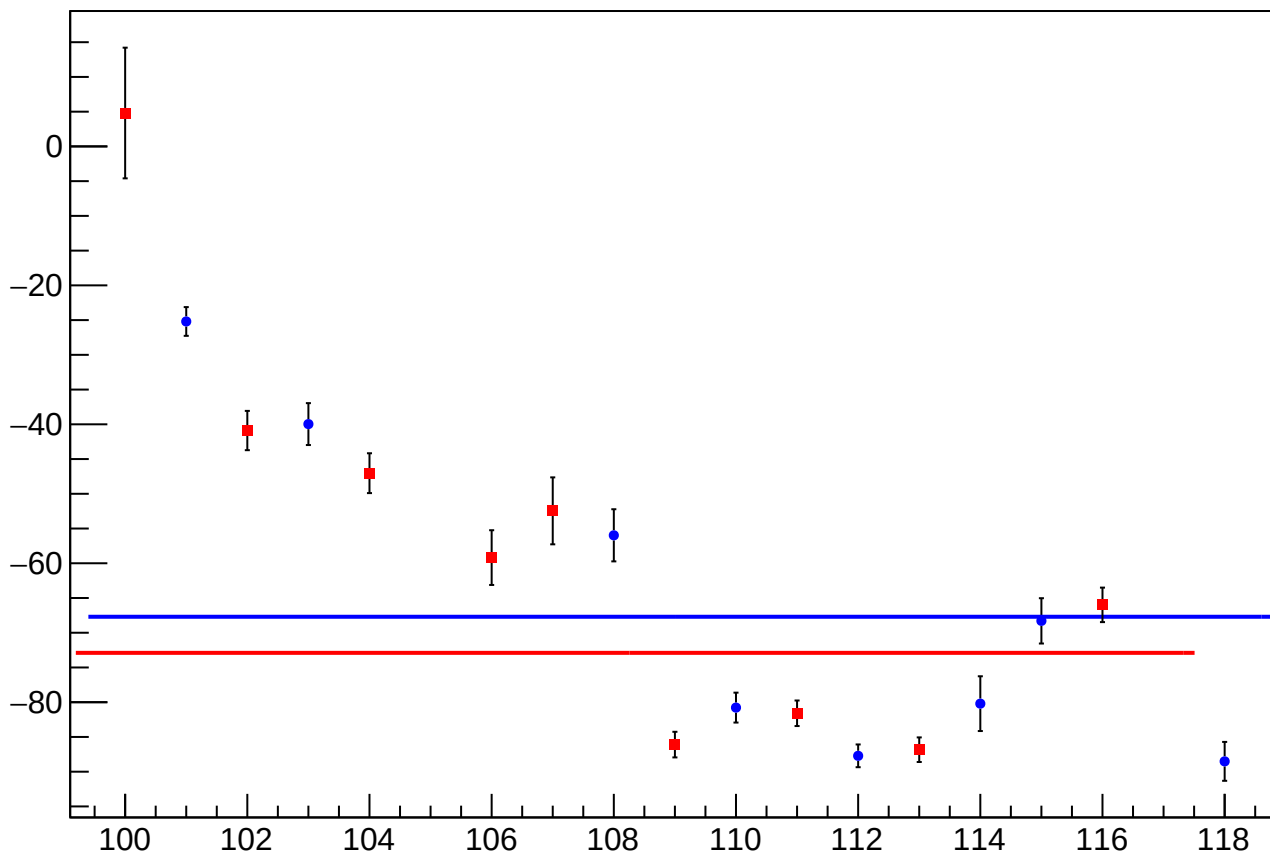
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.703 ± 0.034 χ^2/NDF : 65358.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



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: -72.894 ± 0.834 χ^2/NDF : 451.2/8

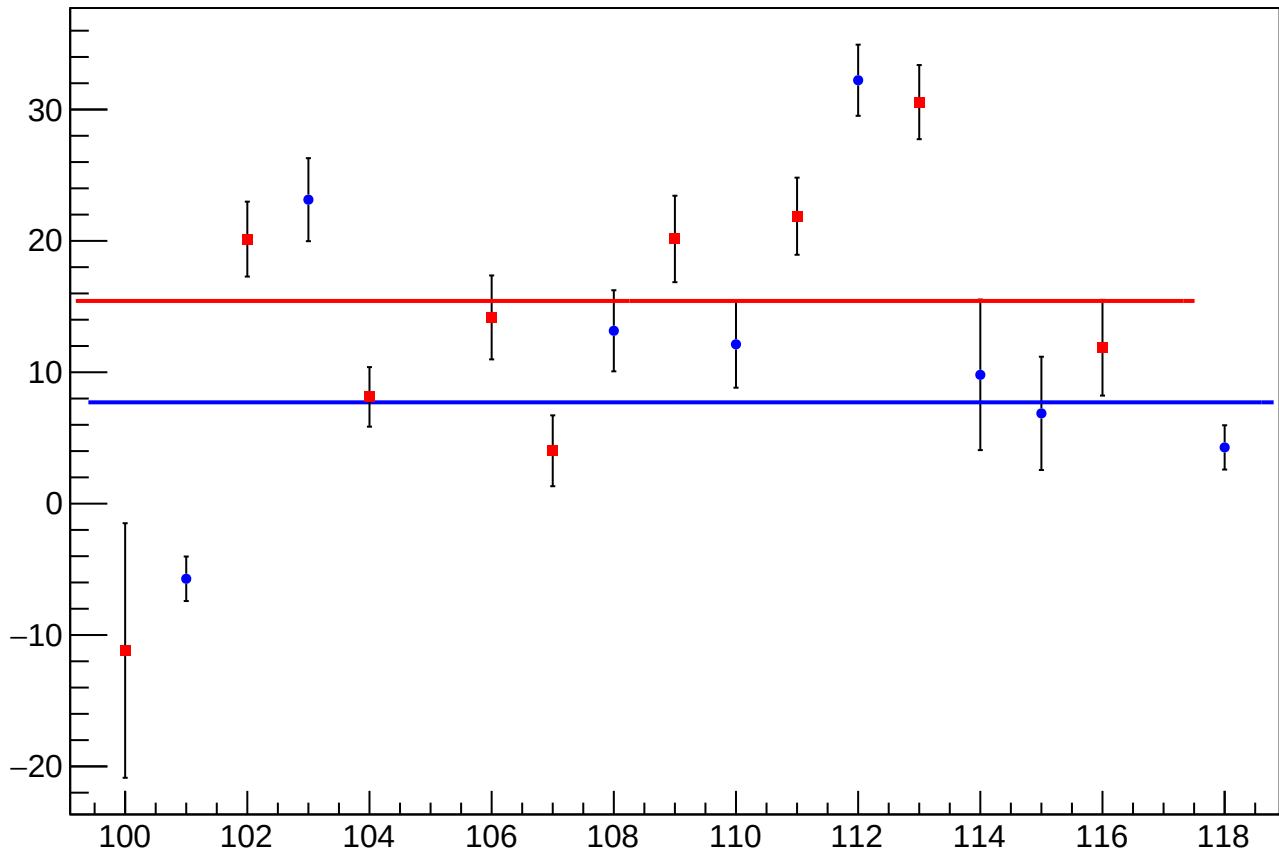
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -70.437 ± 0.606 χ^2/NDF : 1237.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 7.711 $\pm$ 0.906 χ^2 /NDF: 177.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.429 $\pm$ 1.014 χ^2 /NDF: 75.3/8

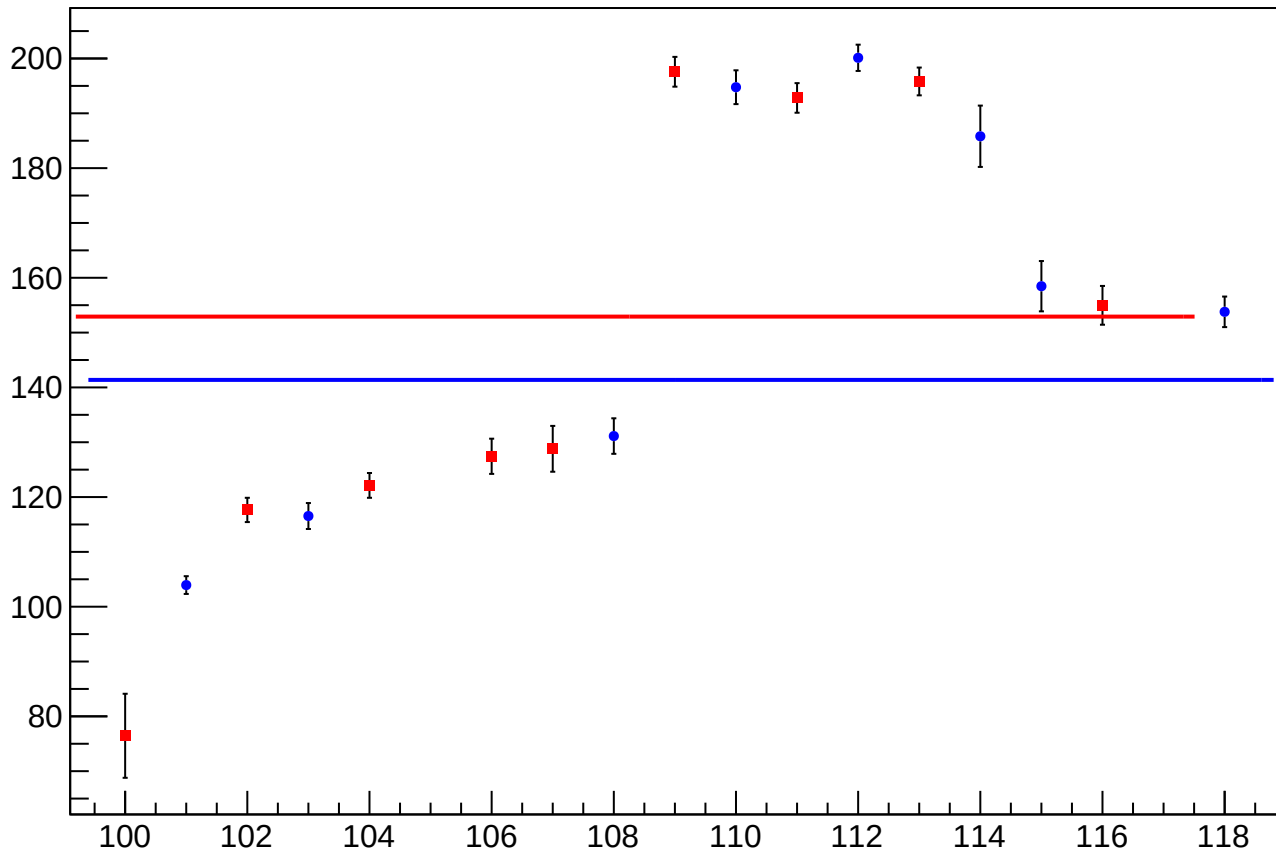
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.139 $\pm$ 0.676 χ^2 /NDF: 285.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 141.372 $\pm$ 0.936 χ^2 /NDF: 1651.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.918 $\pm$ 0.963 χ^2 /NDF: 1409.7/8

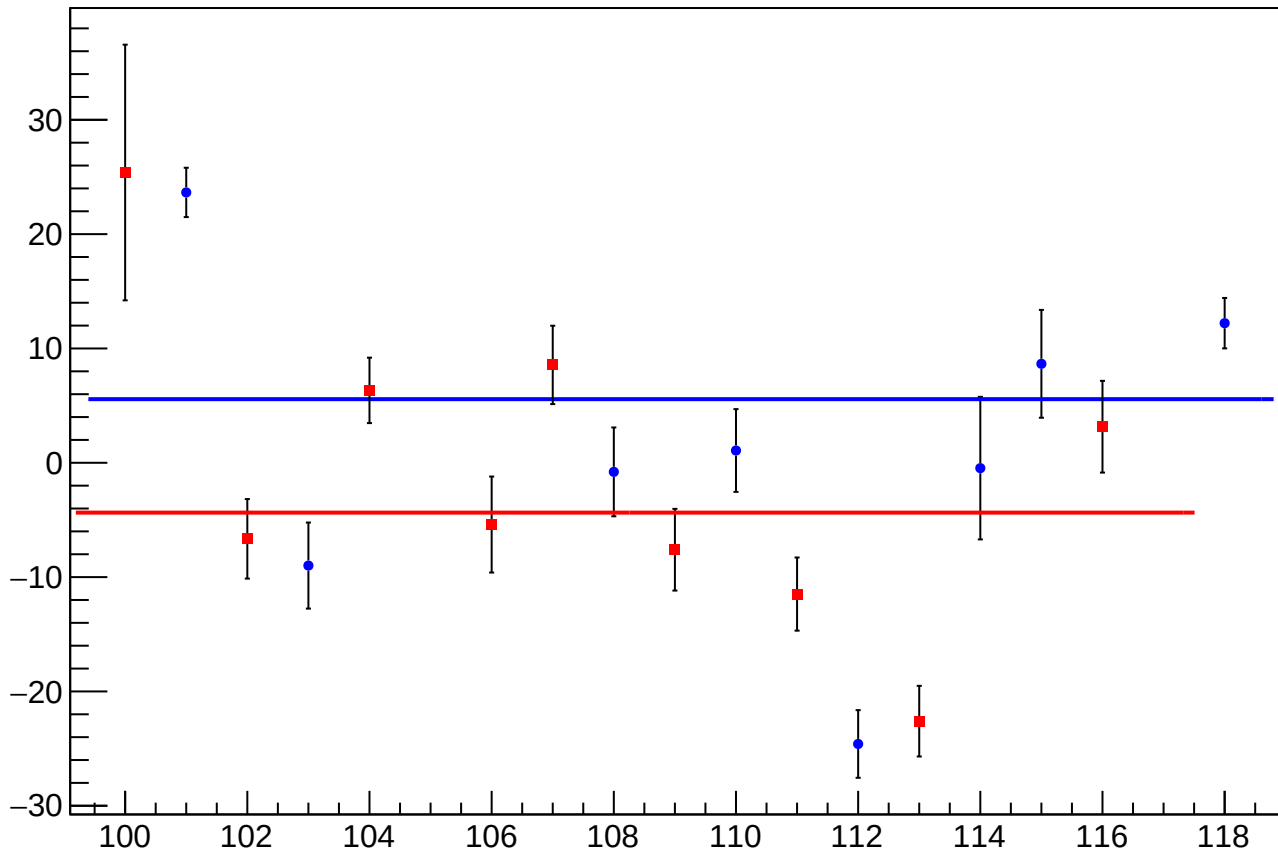
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.979 $\pm$ 0.671 χ^2 /NDF: 3135.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



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: -4.358 $\pm$ 1.198 χ^2 /NDF: 79.9/8

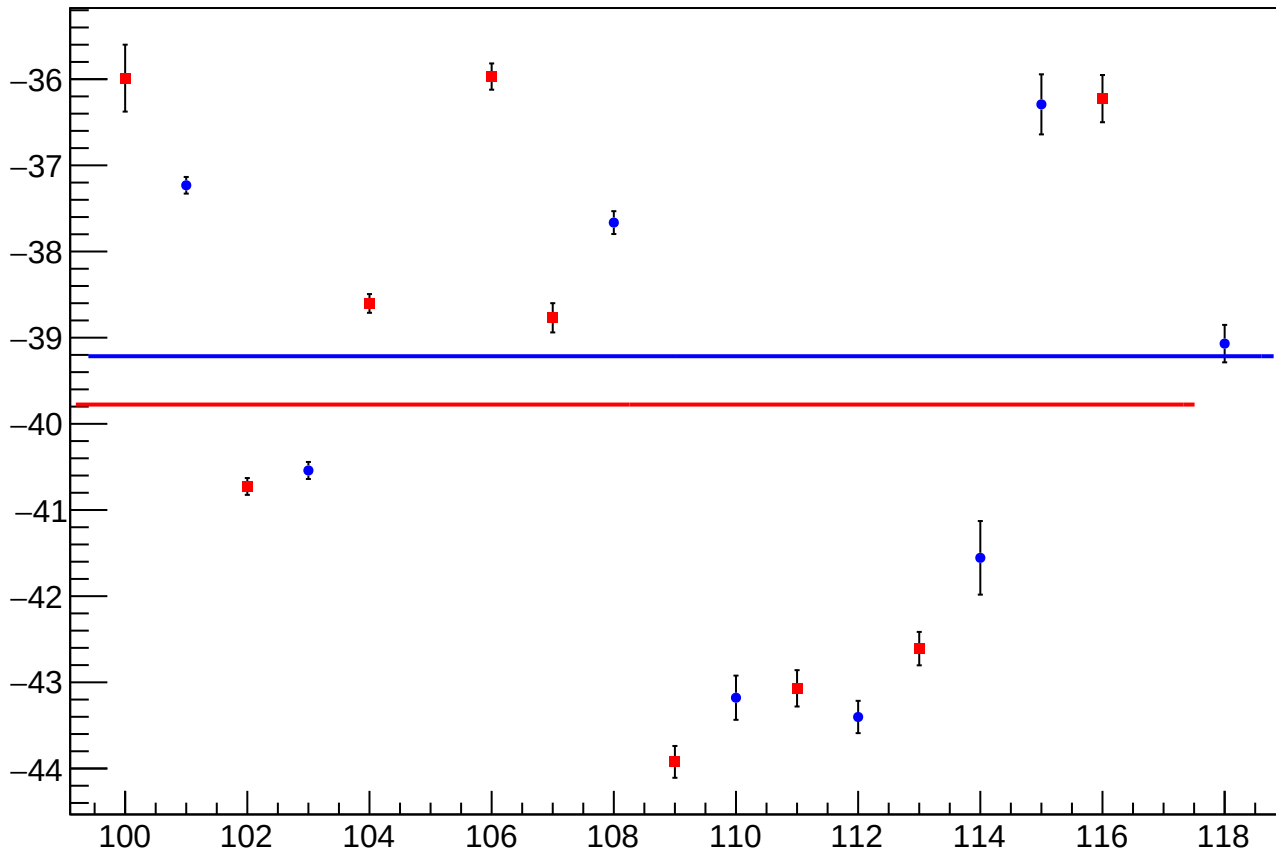
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.000 $\pm$ 0.812 χ^2 /NDF: 320.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



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: -39.776 ± 0.052 χ^2/NDF : 2095.2/8

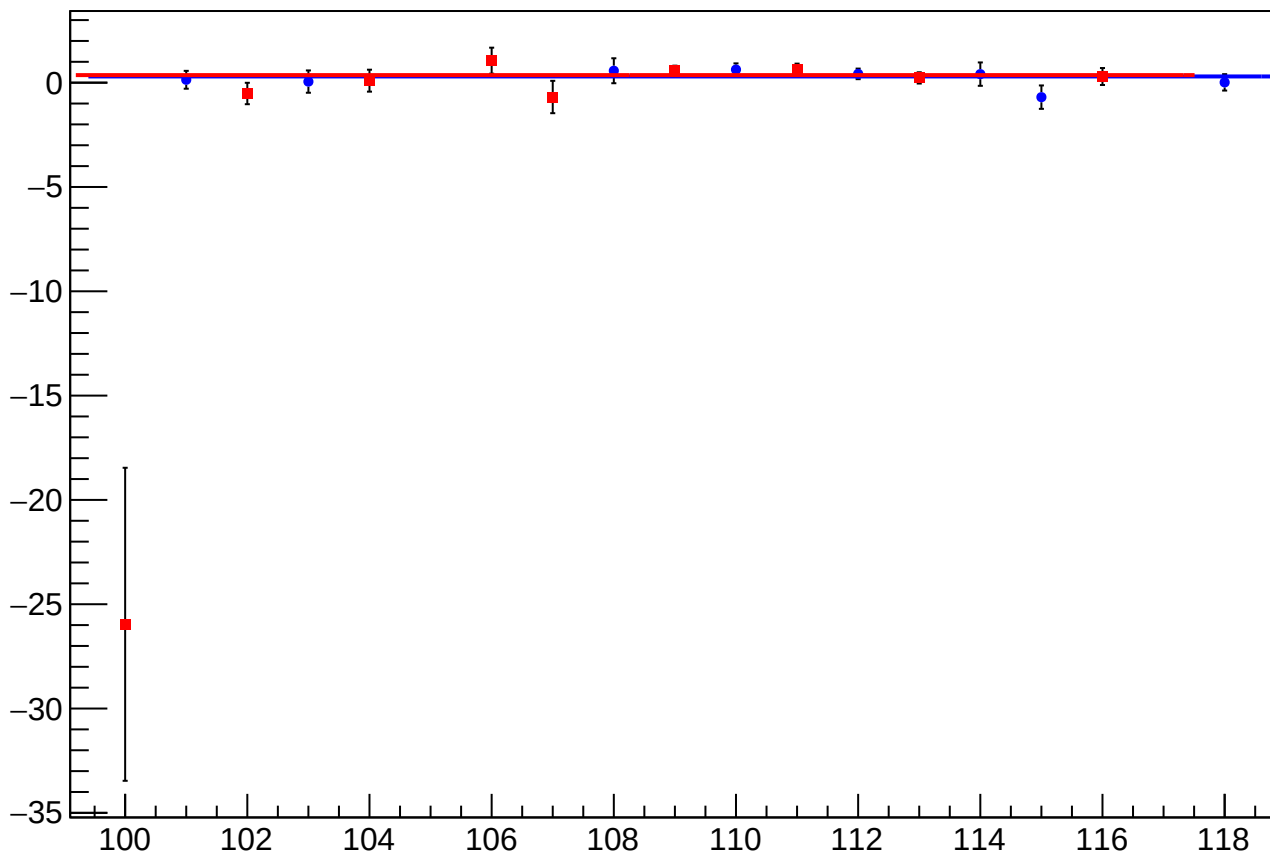
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.504 ± 0.038 χ^2/NDF : 3727.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.298 $\pm$ 0.139 χ^2 /NDF: 5.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.362 $\pm$ 0.128 χ^2 /NDF: 20.6/8

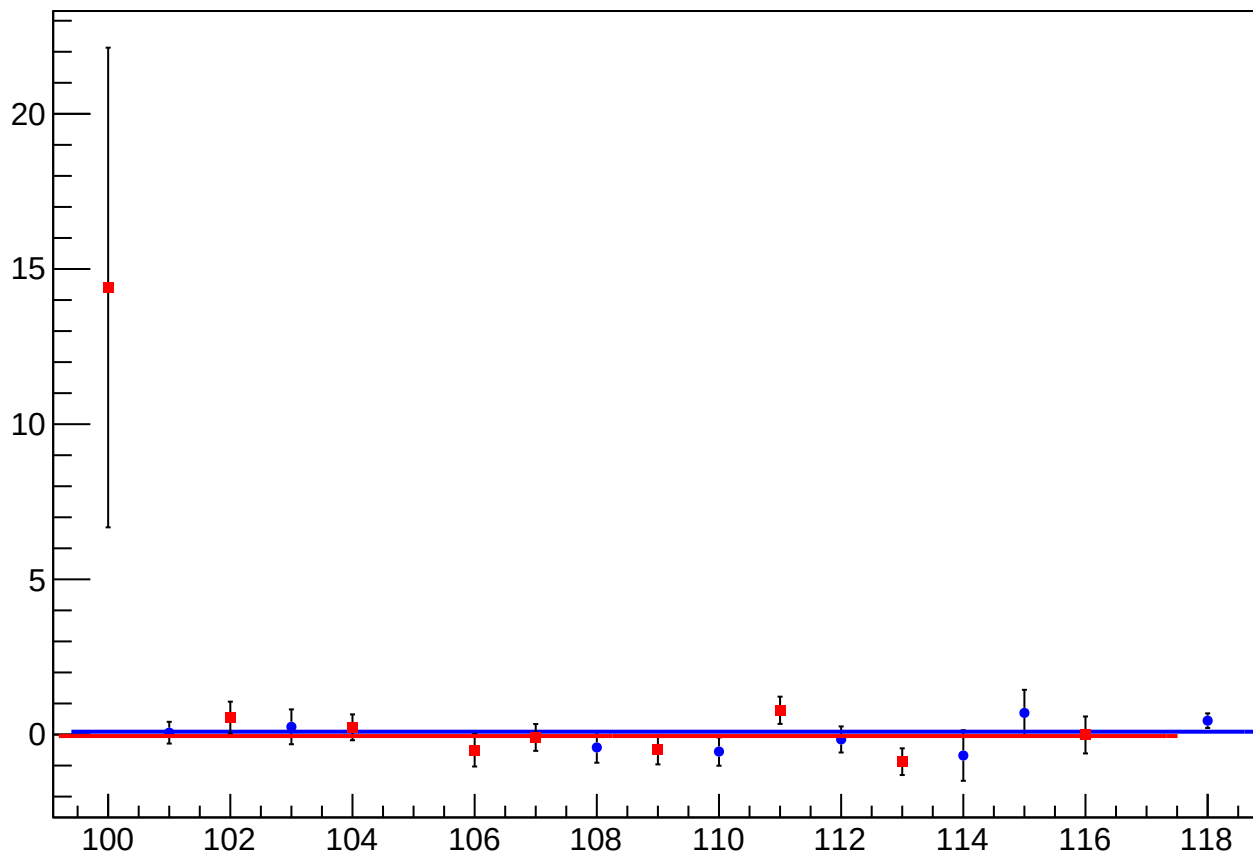
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.333 $\pm$ 0.094 χ^2 /NDF: 26.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



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: -0.049+/-0.166 χ^2/NDF : 14.2/8

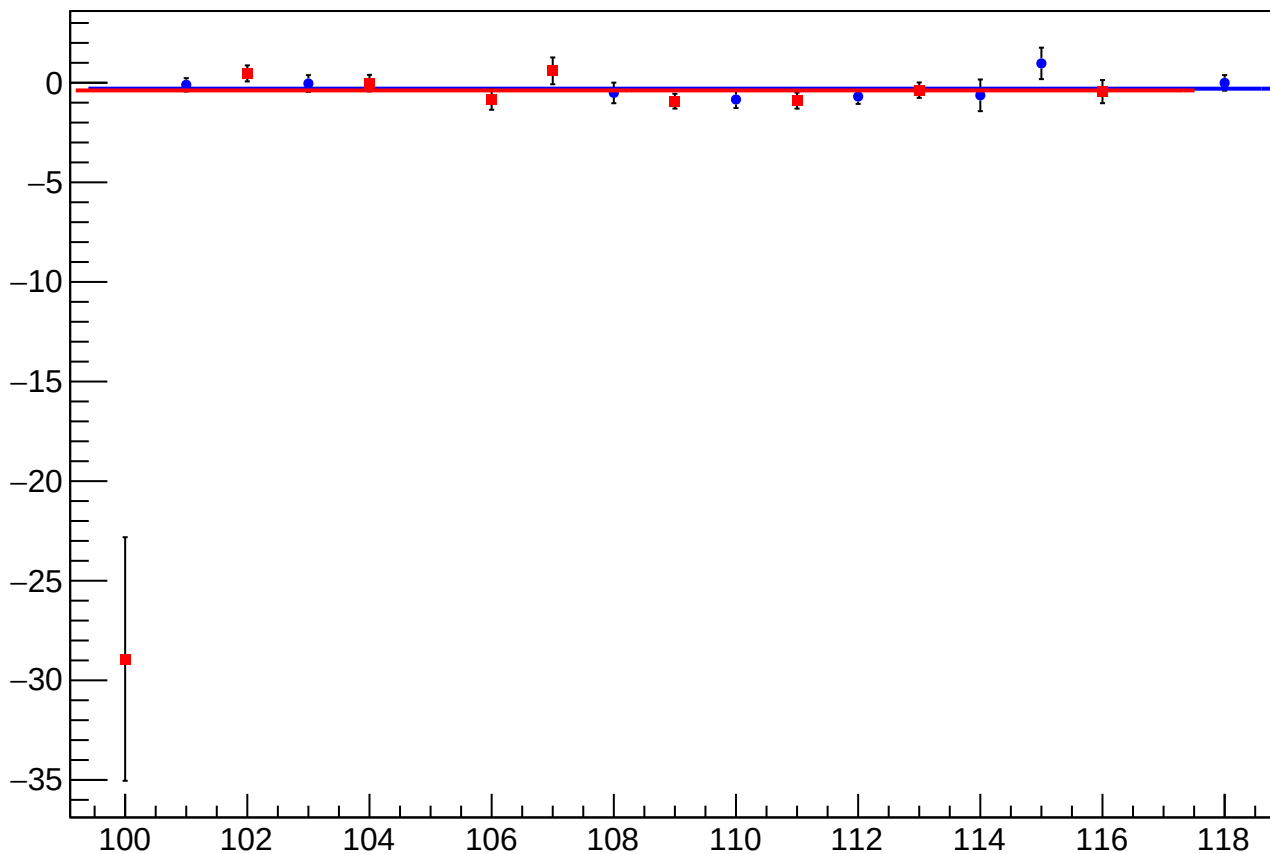
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.030+/-0.109 χ^2/NDF : 21.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



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: -0.385 ± 0.156 χ^2/NDF : 33.7/8

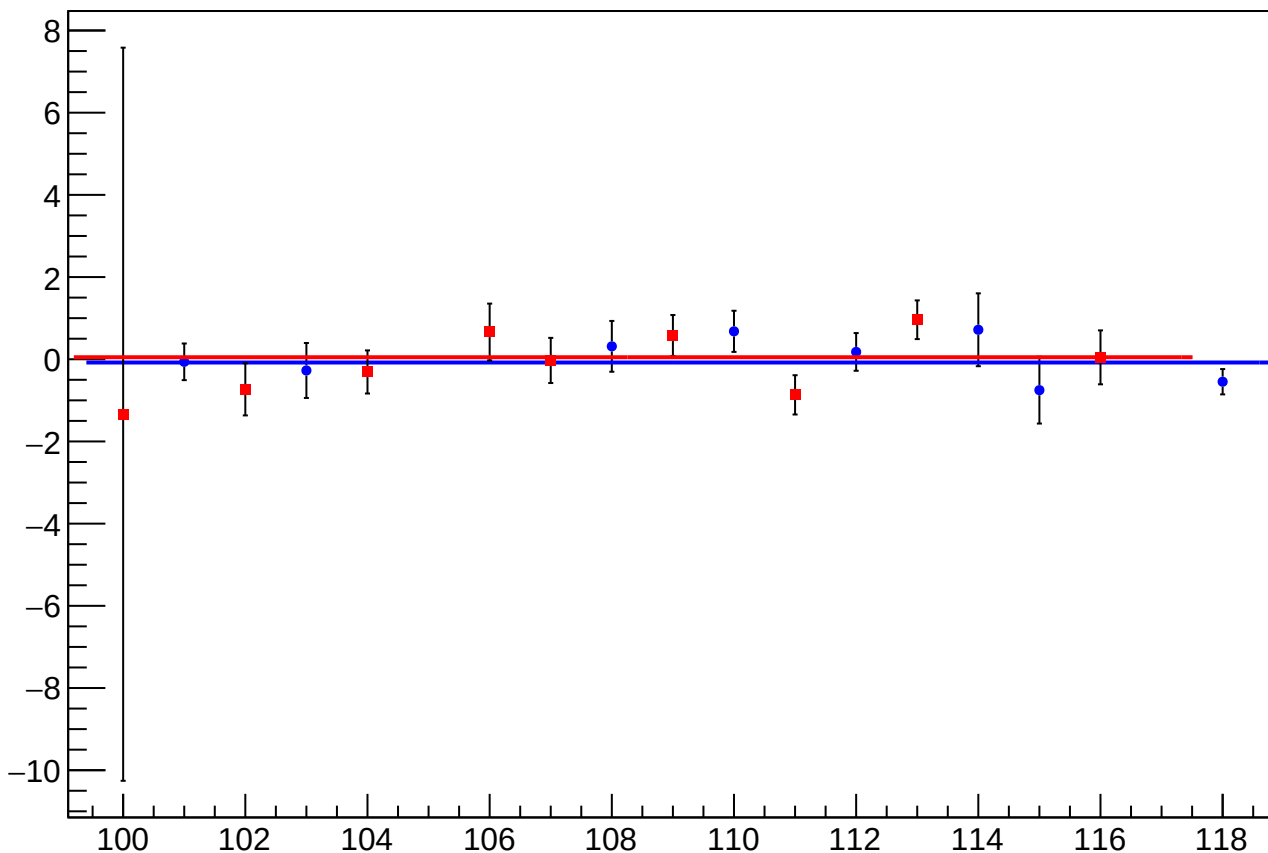
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.342 ± 0.111 χ^2/NDF : 40.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



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: 0.049+/-0.193 χ^2/NDF : 11.4/8

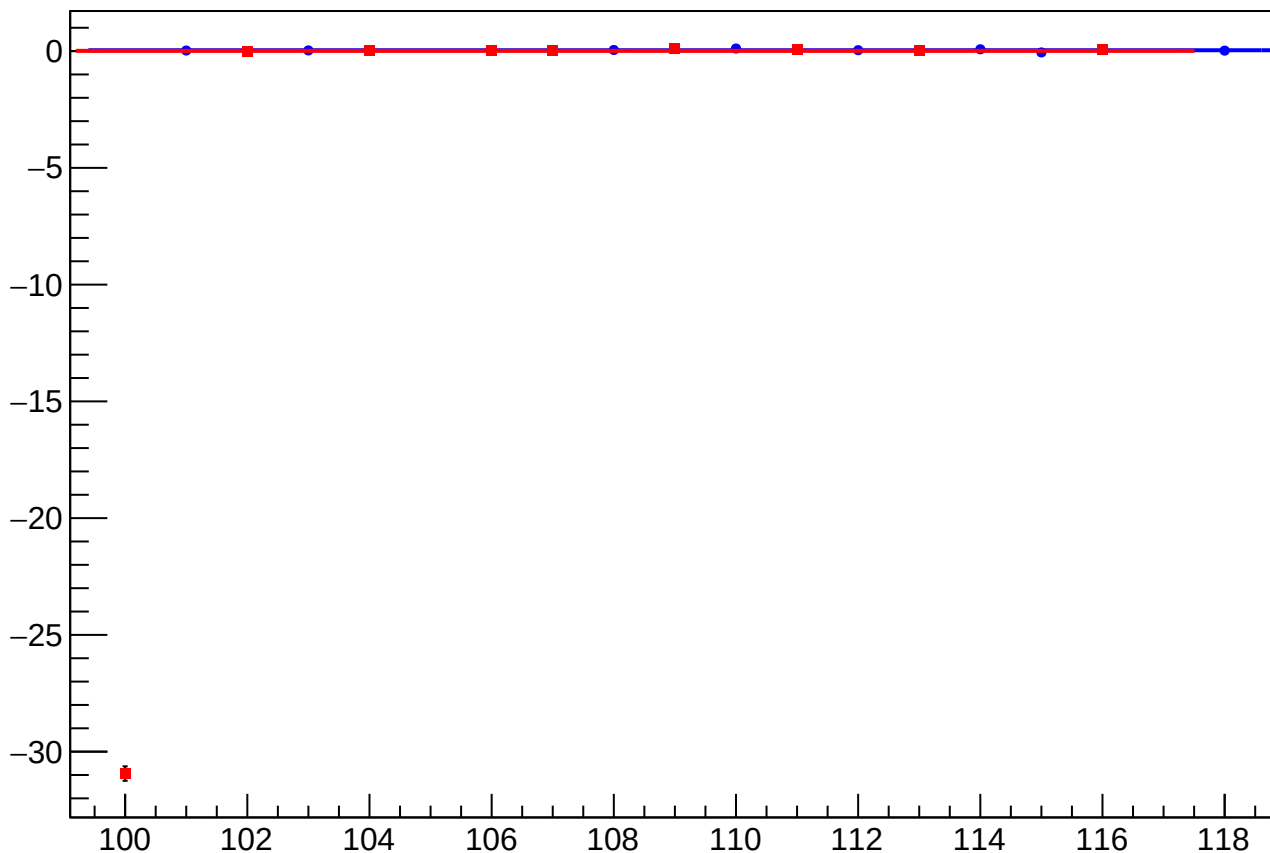
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.021+/-0.131 χ^2/NDF : 18.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



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: 0.012+/-0.009 χ^2/NDF : 10003.3/8

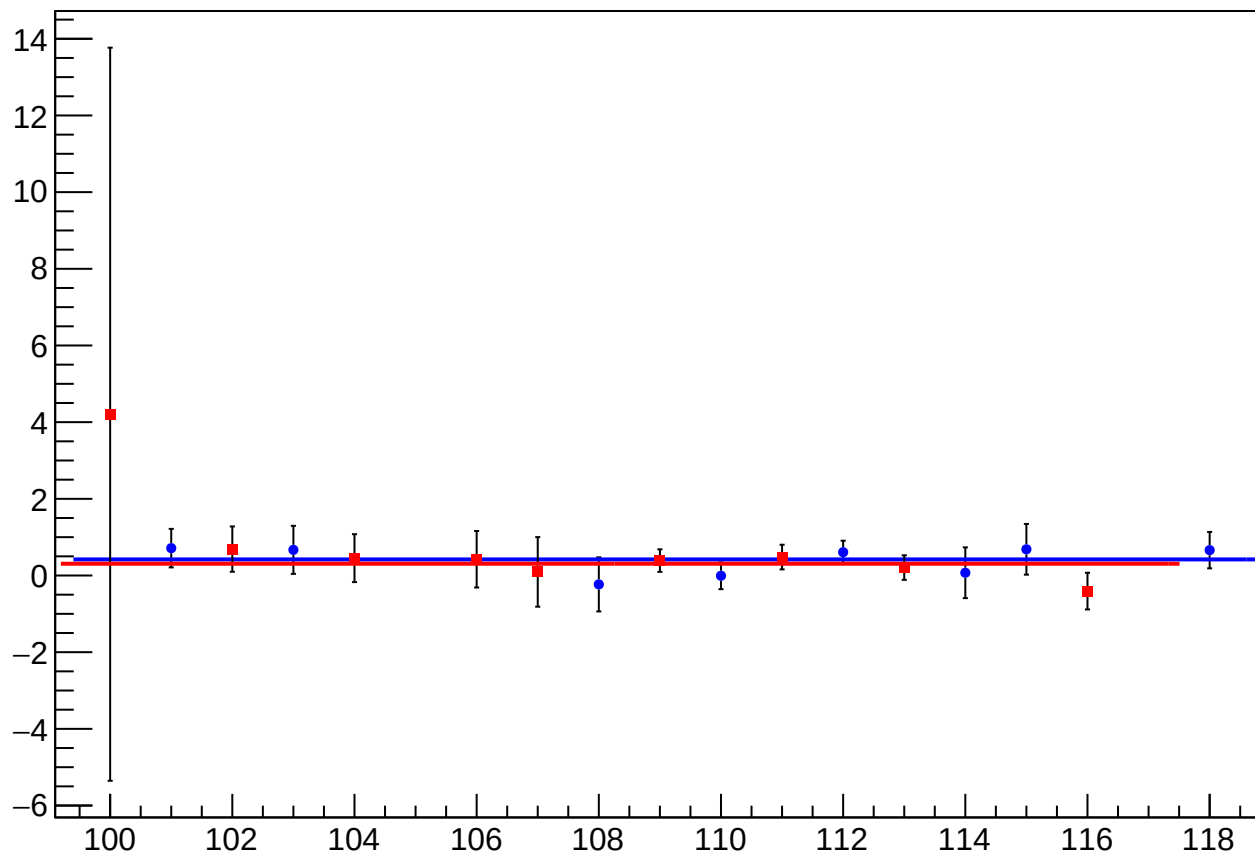
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.006 χ^2/NDF : 10015.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



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: 0.307 $\pm$ 0.151 χ^2 /NDF: 3.4/8

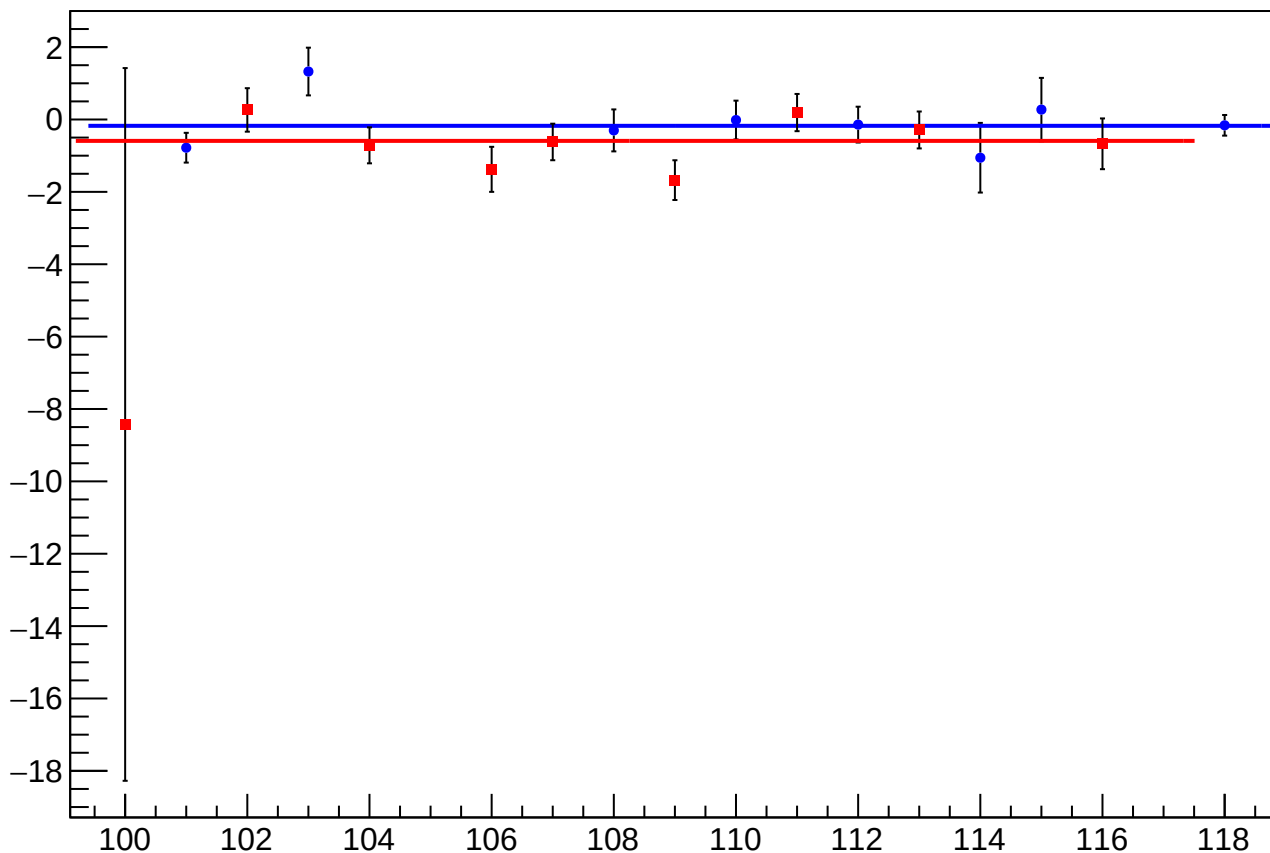
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.358 $\pm$ 0.111 χ^2 /NDF: 7.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



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: -0.591 ± 0.195 χ^2/NDF : 10.9/8

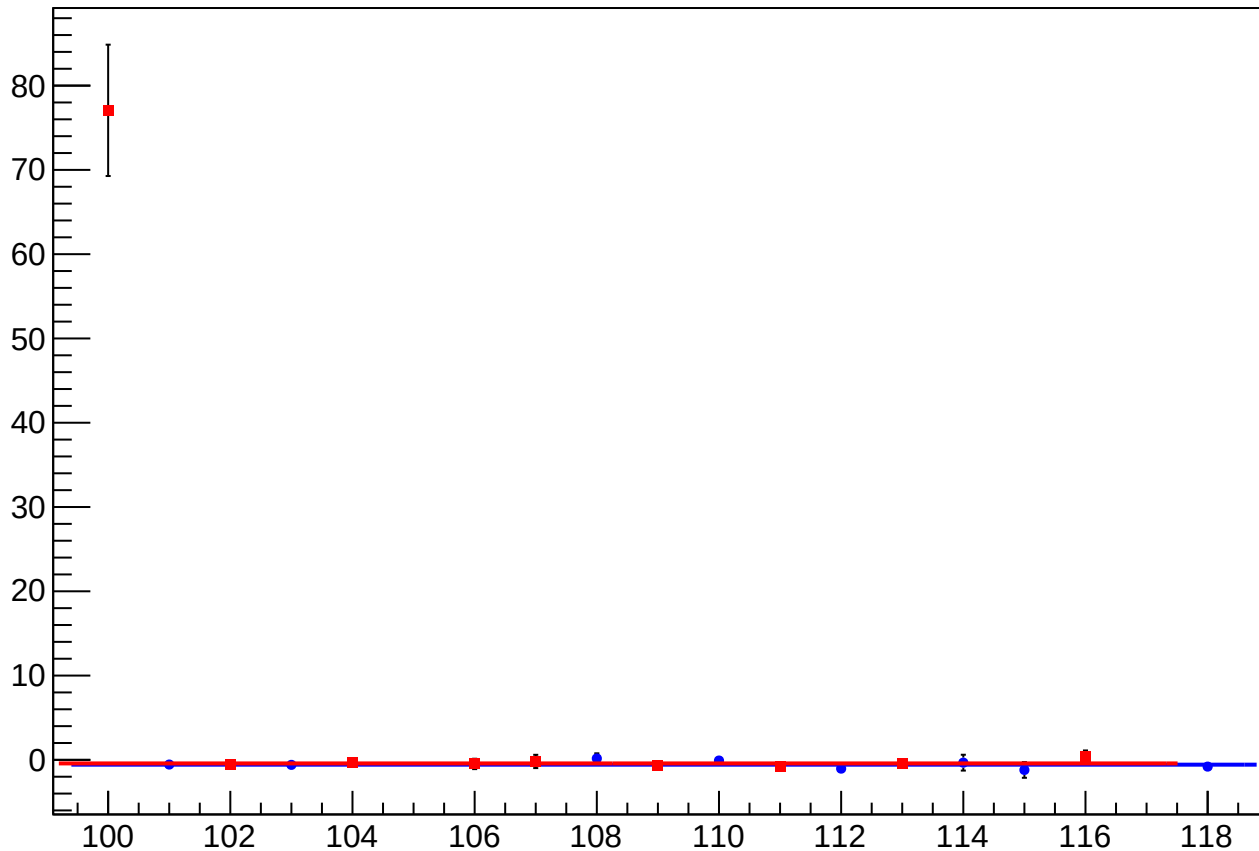
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.358 ± 0.129 χ^2/NDF : 22.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



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: -0.423 ± 0.184 χ^2/NDF : 101.7/8

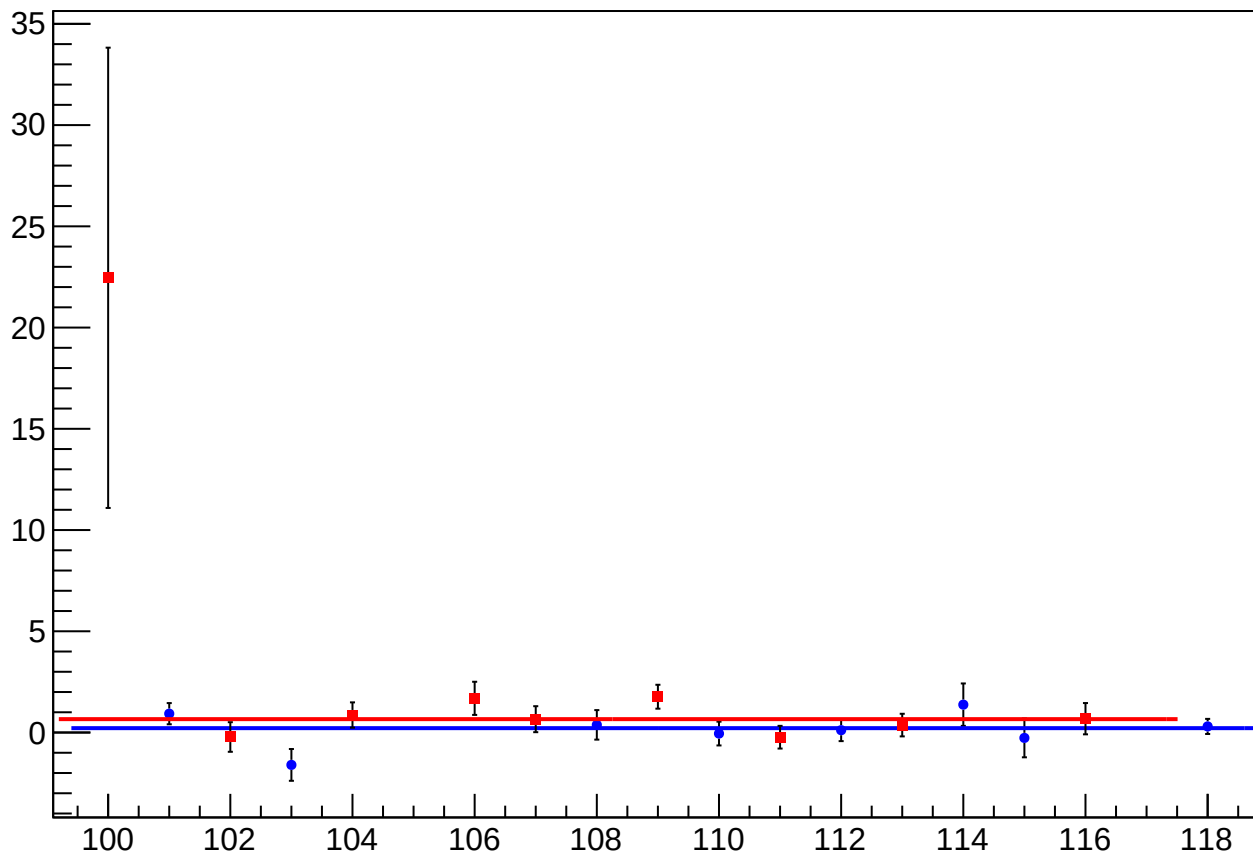
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.496 ± 0.130 χ^2/NDF : 106.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.215+/-0.210 χ^2/NDF : 9.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.661+/-0.228 χ^2/NDF : 13.1/8

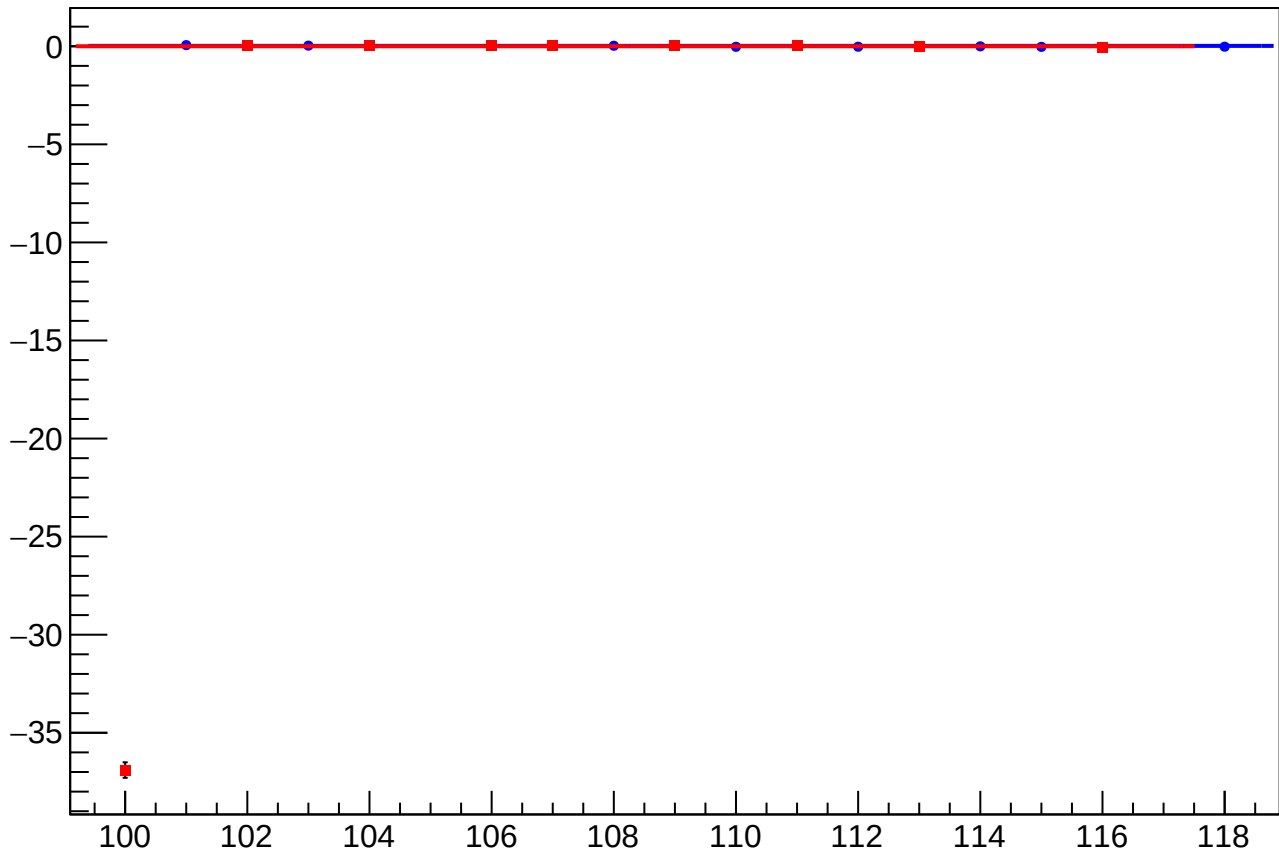
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.420+/-0.154 χ^2/NDF : 24.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.020+/-0.011 χ^2/NDF : 7.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 8744.1/8

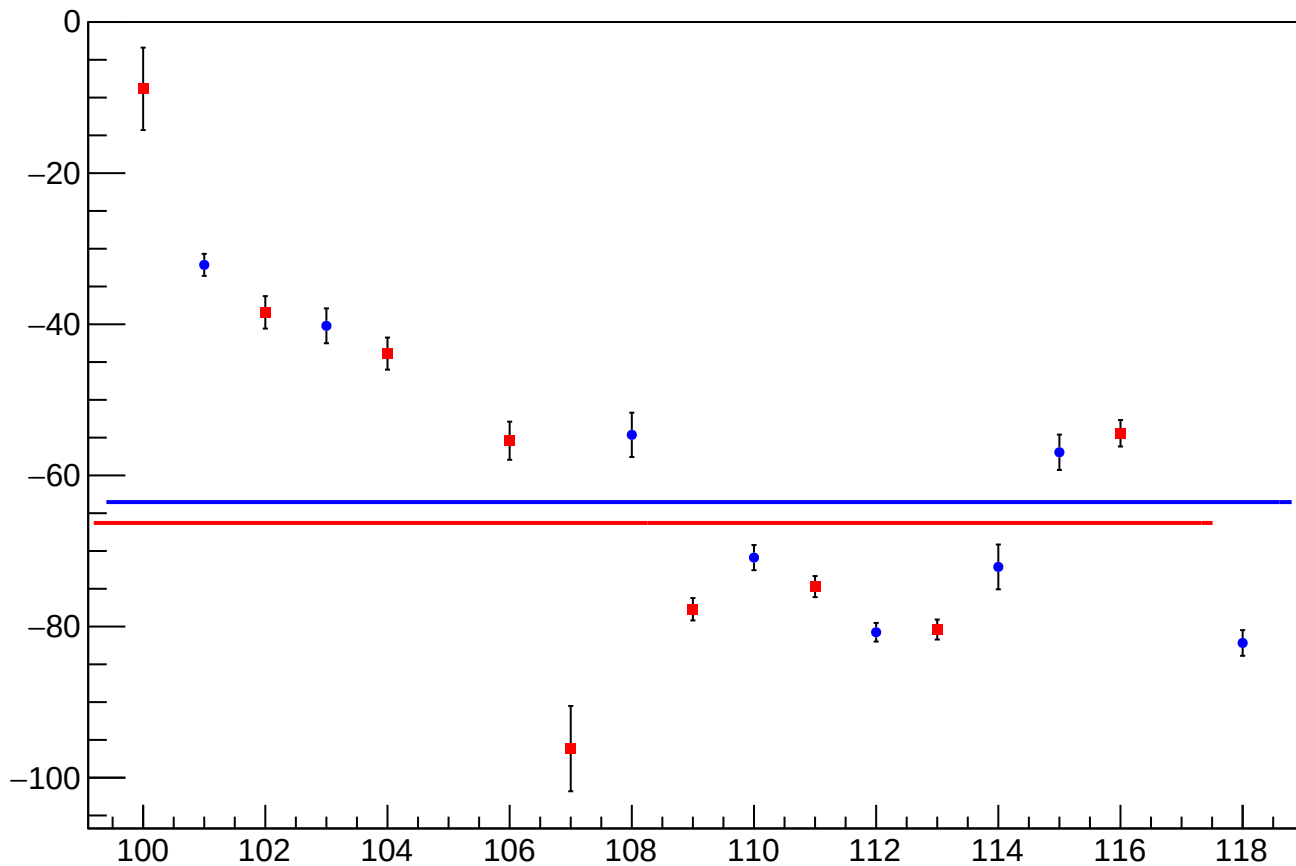
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 8753.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -63.529 $\pm$ 0.641 χ^2 /NDF: 927.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.289 $\pm$ 0.629 χ^2 /NDF: 693.3/8

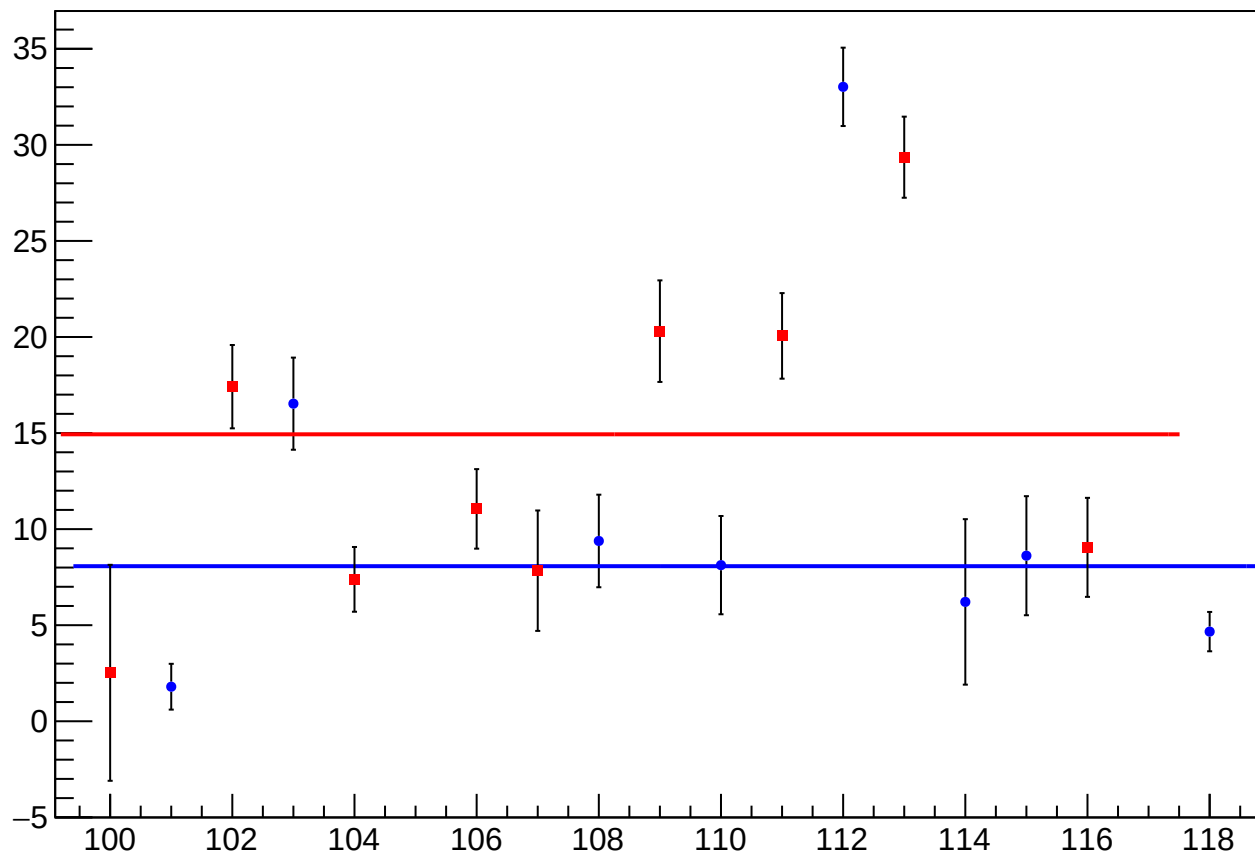
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -64.935 $\pm$ 0.449 χ^2 /NDF: 1629.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.071 $\pm$ 0.626 χ^2 /NDF: 201.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.935 $\pm$ 0.778 χ^2 /NDF: 96.2/8

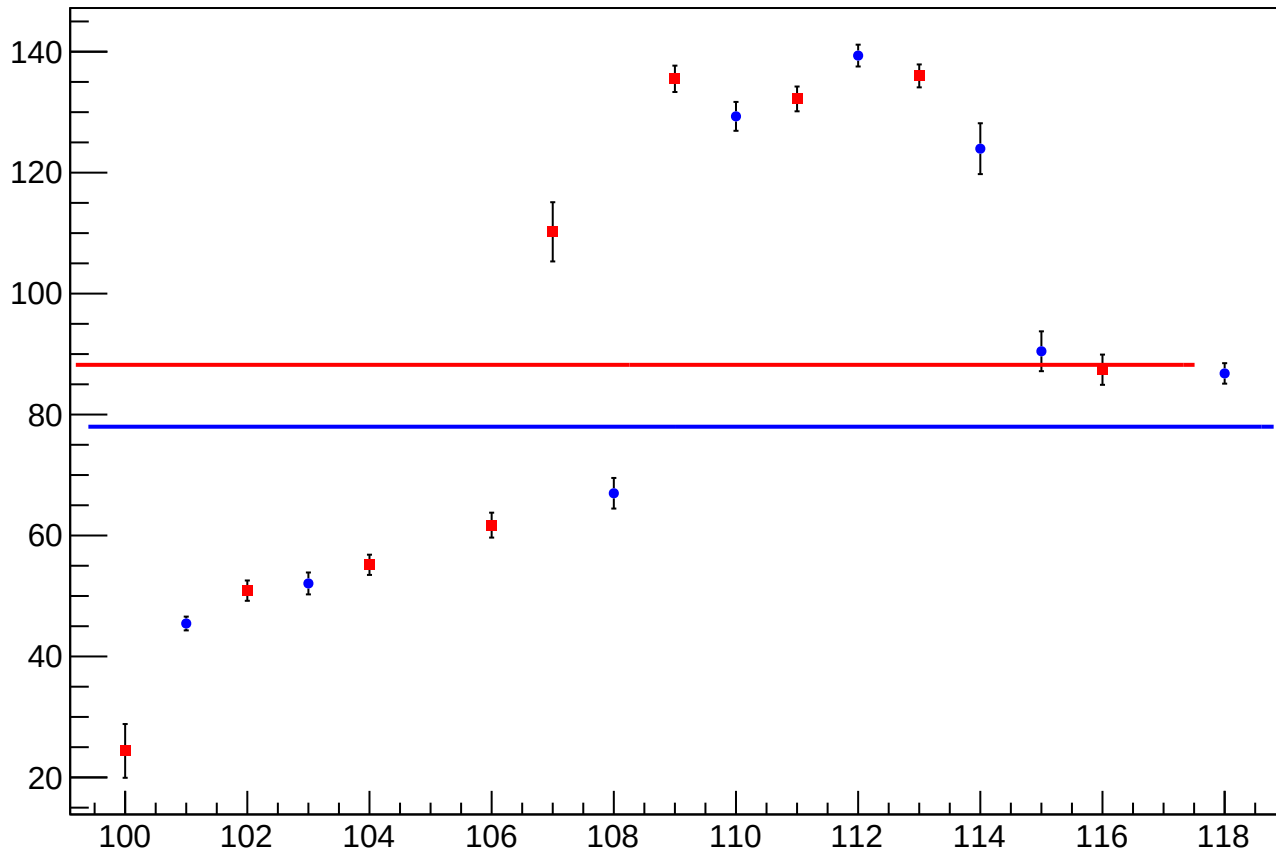
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.766 $\pm$ 0.488 χ^2 /NDF: 344.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 77.991 $\pm$ 0.673 χ^2 /NDF: 2817.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.220 $\pm$ 0.721 χ^2 /NDF: 2842.7/8

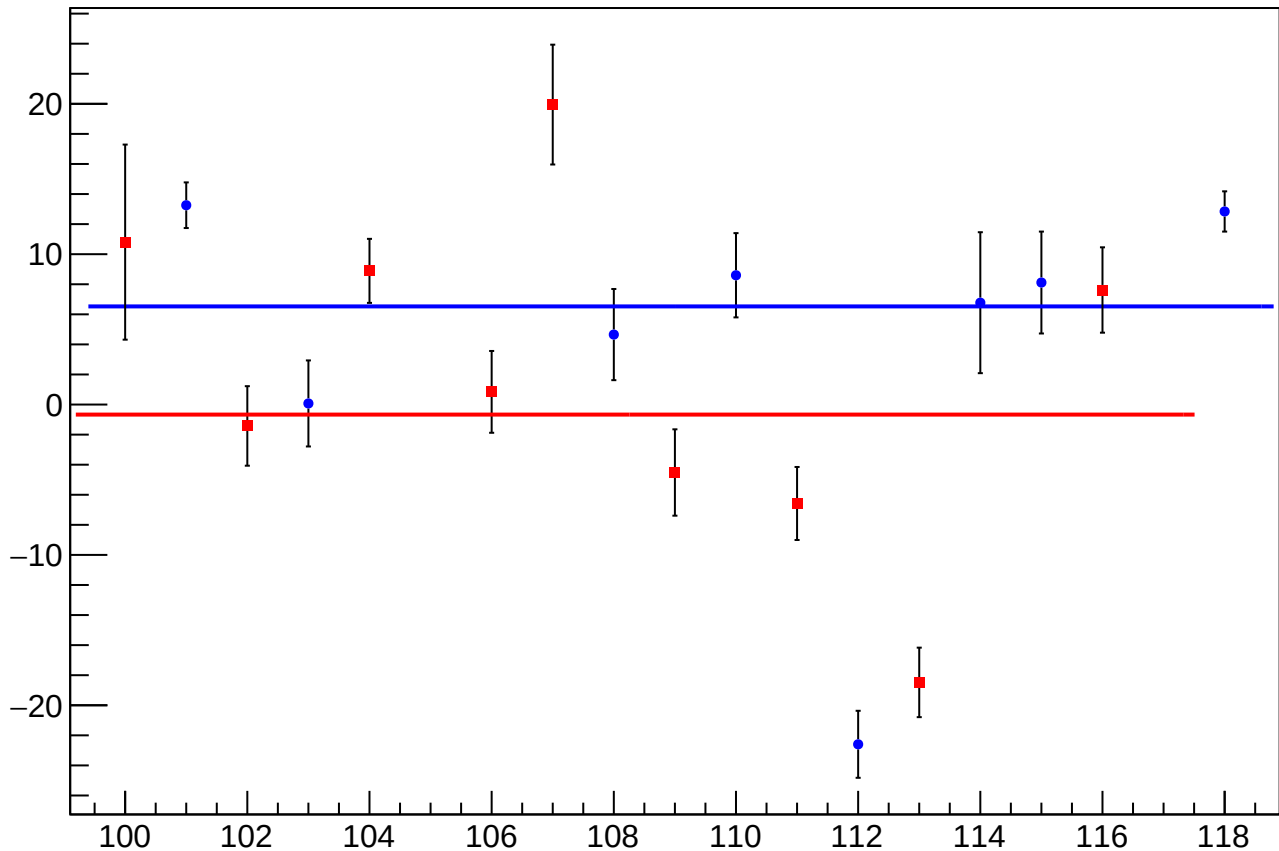
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.754 $\pm$ 0.492 χ^2 /NDF: 5768.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



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: -0.668 $\pm$ 0.918 χ^2 /NDF: 126.1/8

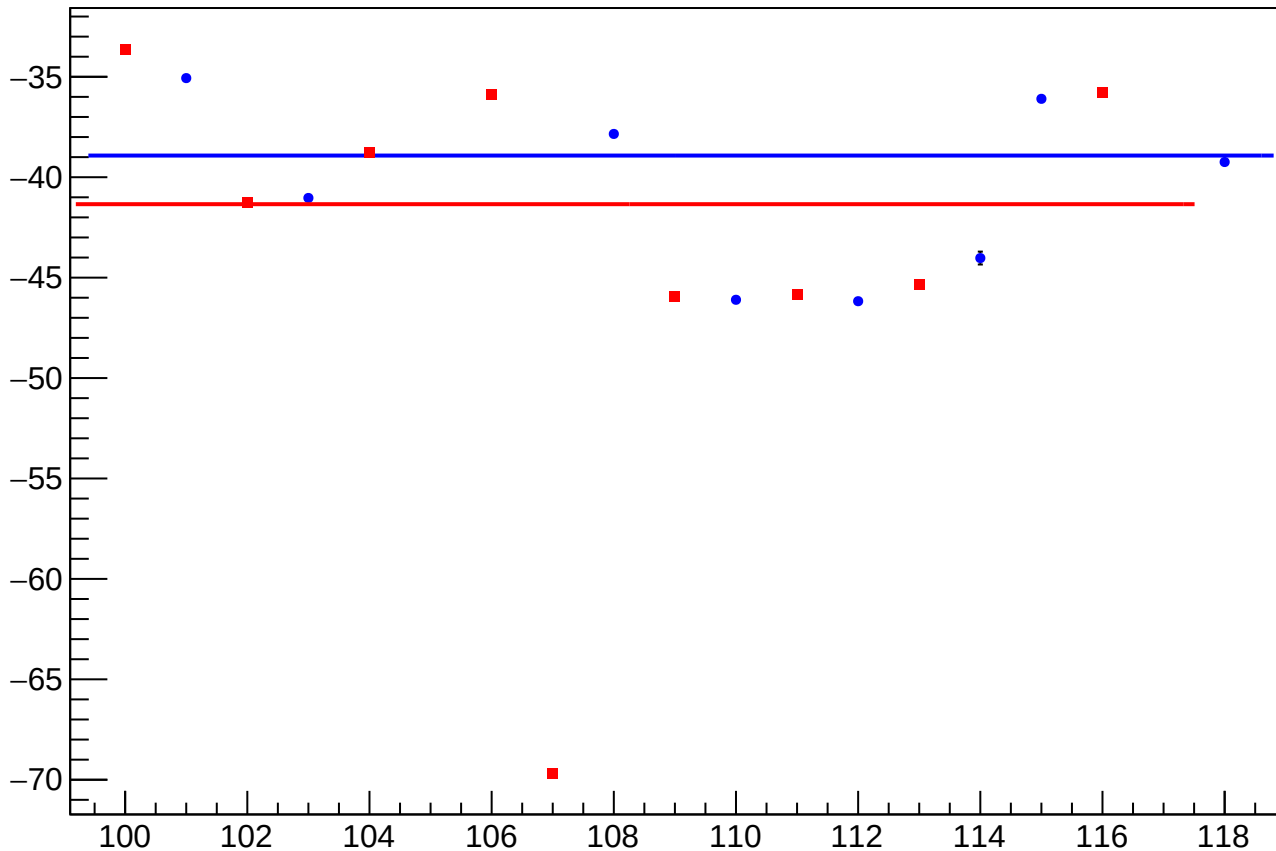
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.552 $\pm$ 0.590 χ^2 /NDF: 381.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -38.921 ± 0.039 $\chi^2/\text{NDF}: 8440.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.342 ± 0.039 $\chi^2/\text{NDF}: 29002.8/8$

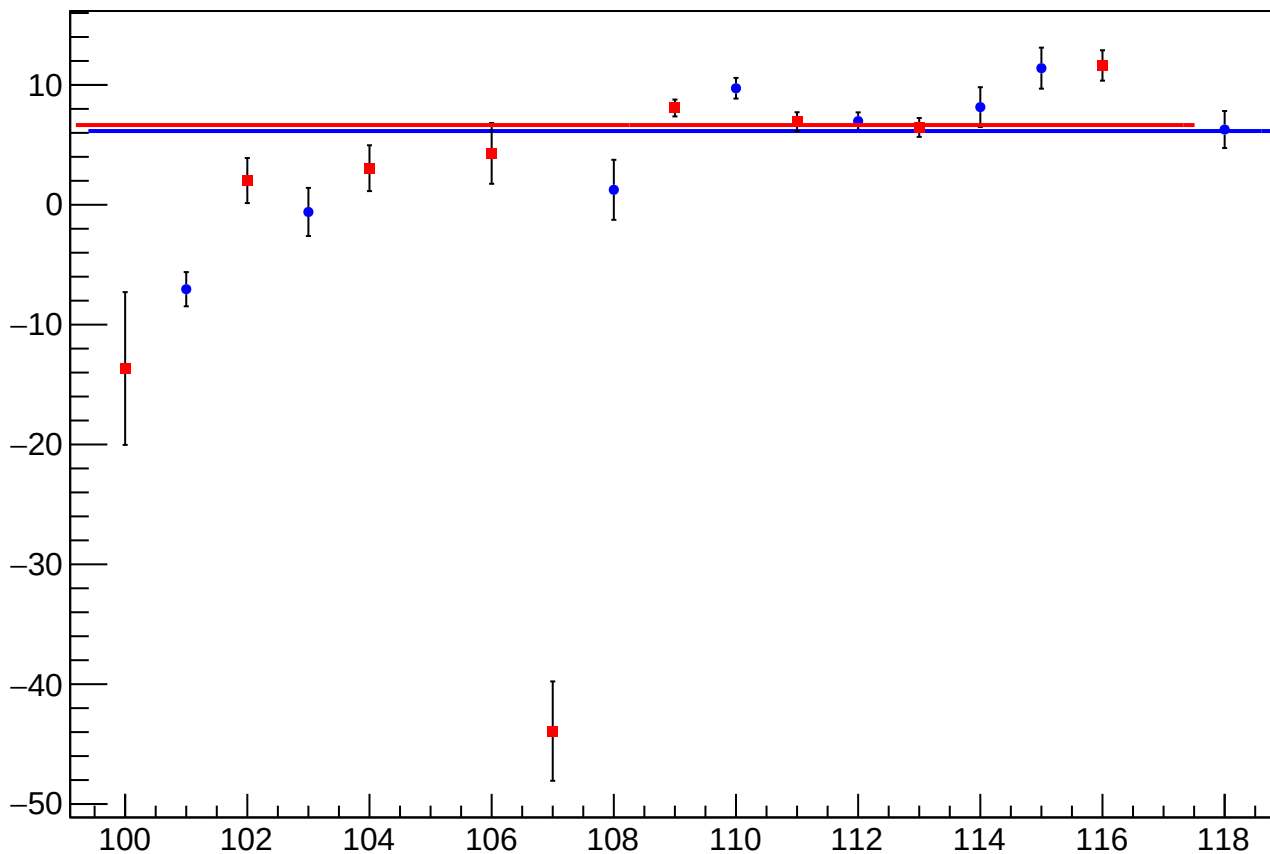
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.136 ± 0.028 $\chi^2/\text{NDF}: 39331.7/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 6.154 $\pm$ 0.437 χ^2 /NDF: 129.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.653 $\pm$ 0.387 χ^2 /NDF: 189.0/8

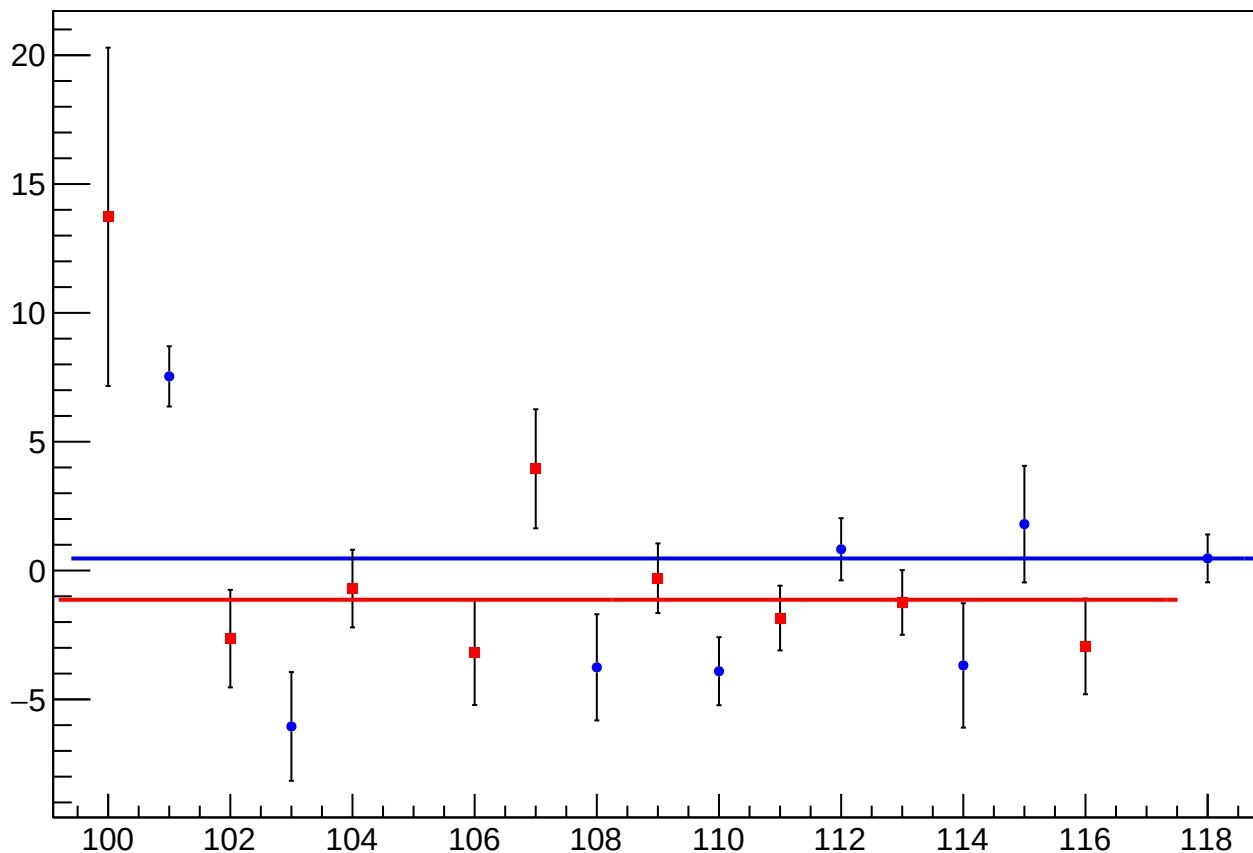
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.433 $\pm$ 0.290 χ^2 /NDF: 319.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.468 $\pm$ 0.501 χ^2 /NDF: 64.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.134 $\pm$ 0.553 χ^2 /NDF: 13.3/8

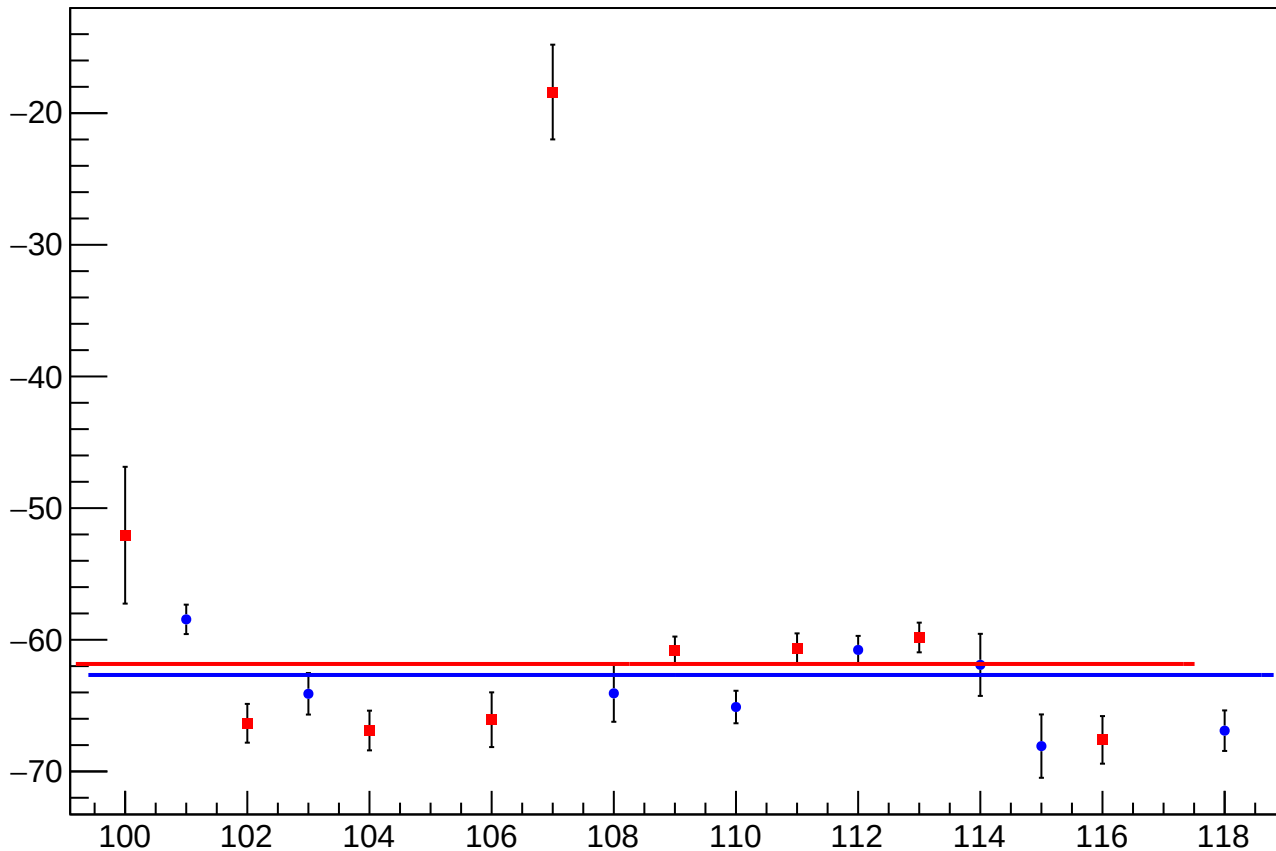
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.255 $\pm$ 0.371 χ^2 /NDF: 82.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -62.673 $\pm$ 0.518 χ^2 /NDF: 35.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -61.837 $\pm$ 0.503 χ^2 /NDF: 189.3/8

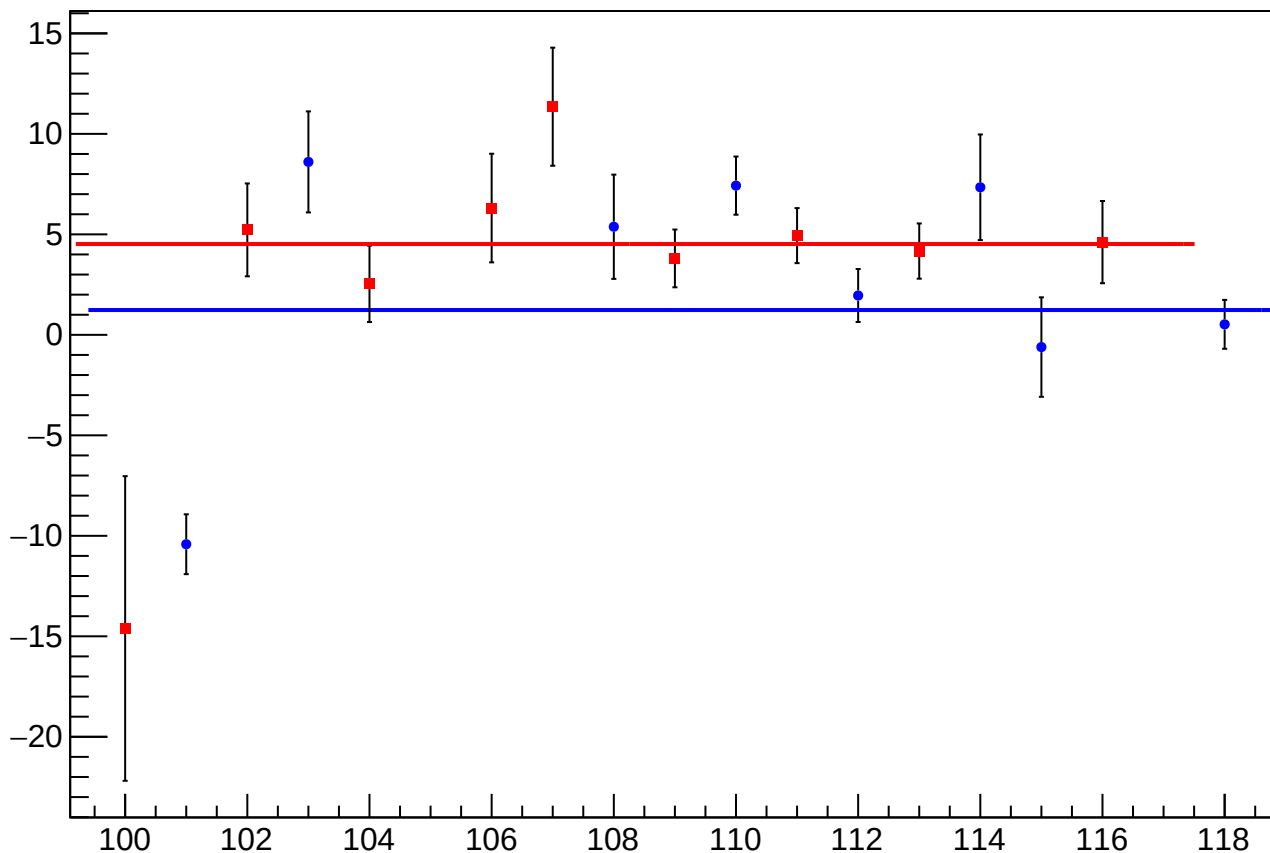
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.243 $\pm$ 0.361 χ^2 /NDF: 225.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



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: 4.519+/-0.630 χ^2/NDF : 13.8/8

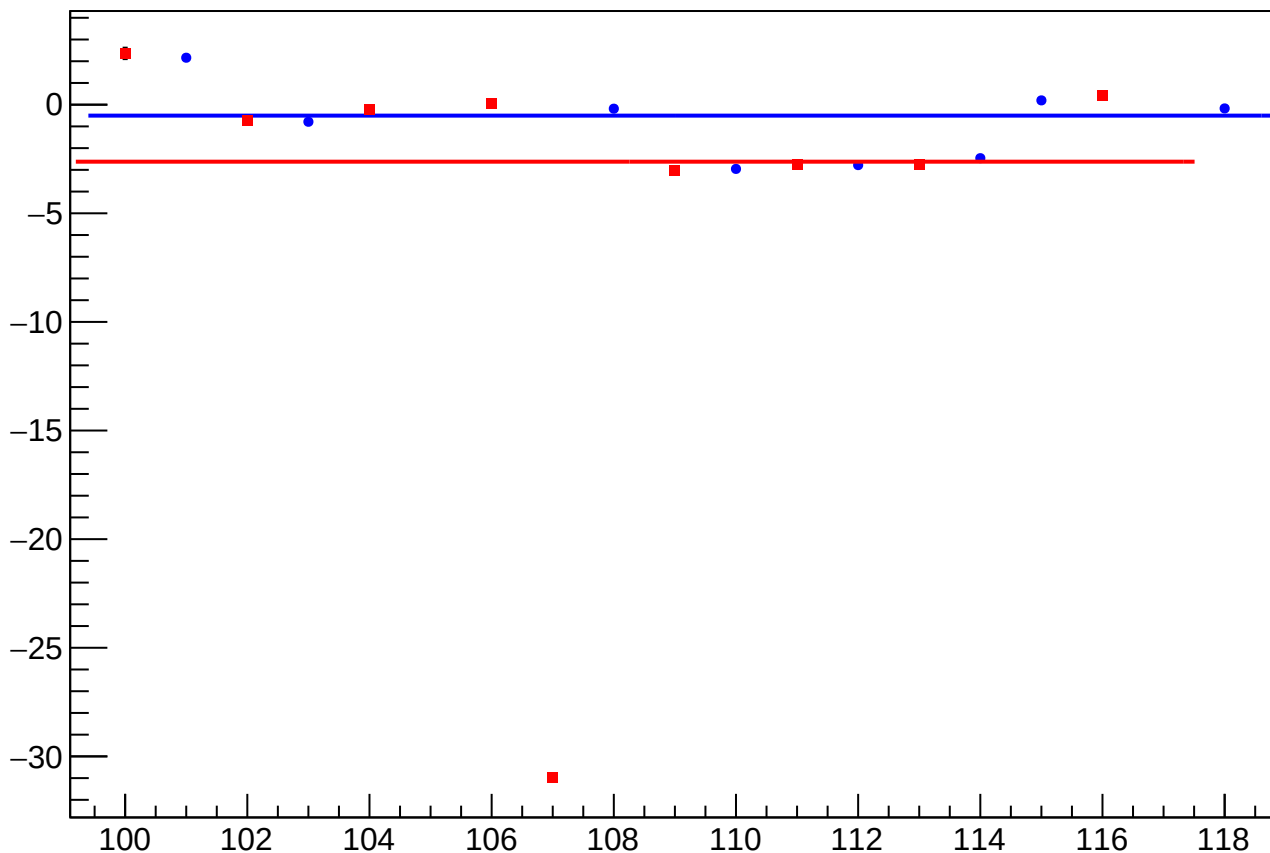
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.792+/-0.434 χ^2/NDF : 125.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: -0.503 ± 0.032 χ^2/NDF : 3085.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.624 ± 0.031 χ^2/NDF : 41200.0/8

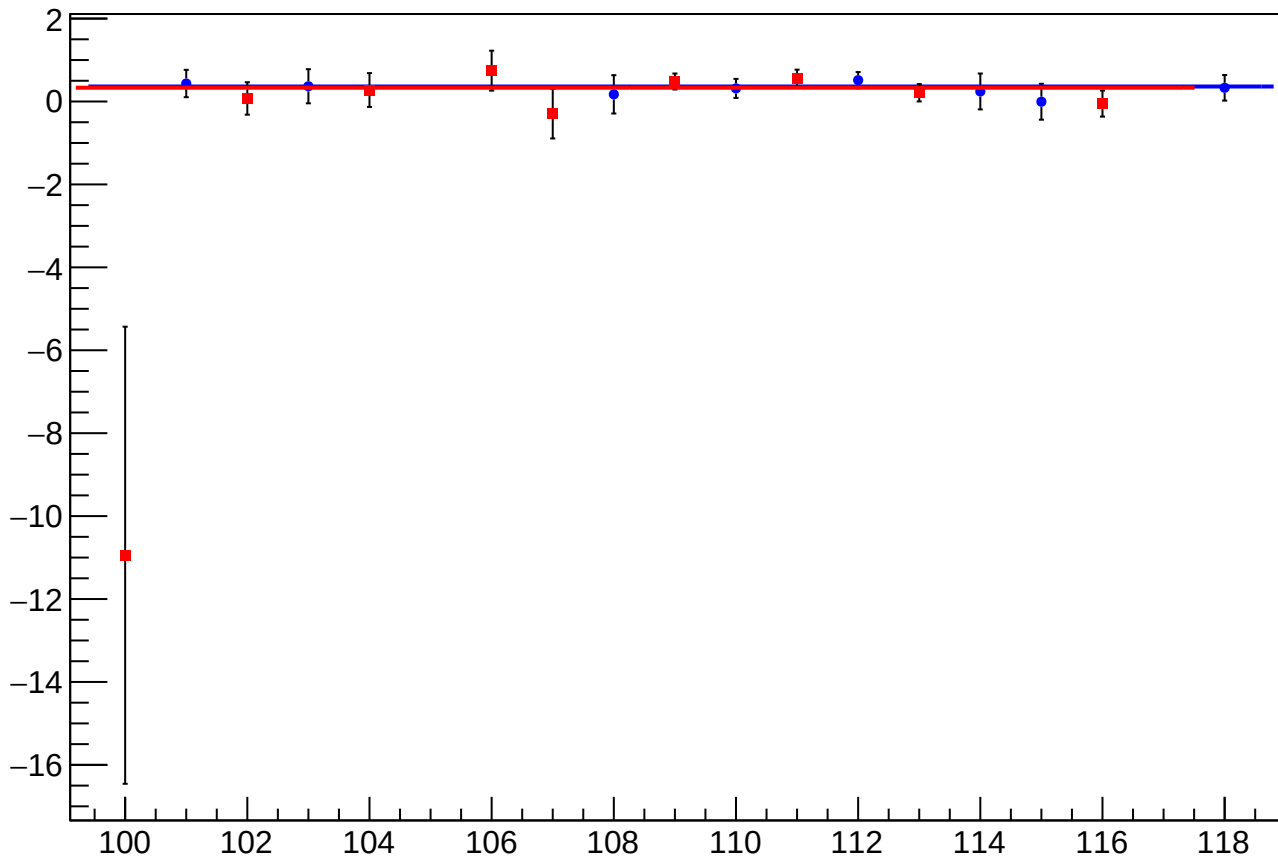
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.617 ± 0.022 χ^2/NDF : 46534.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



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: 0.333 $\pm$ 0.099 χ^2 /NDF: 10.0/8

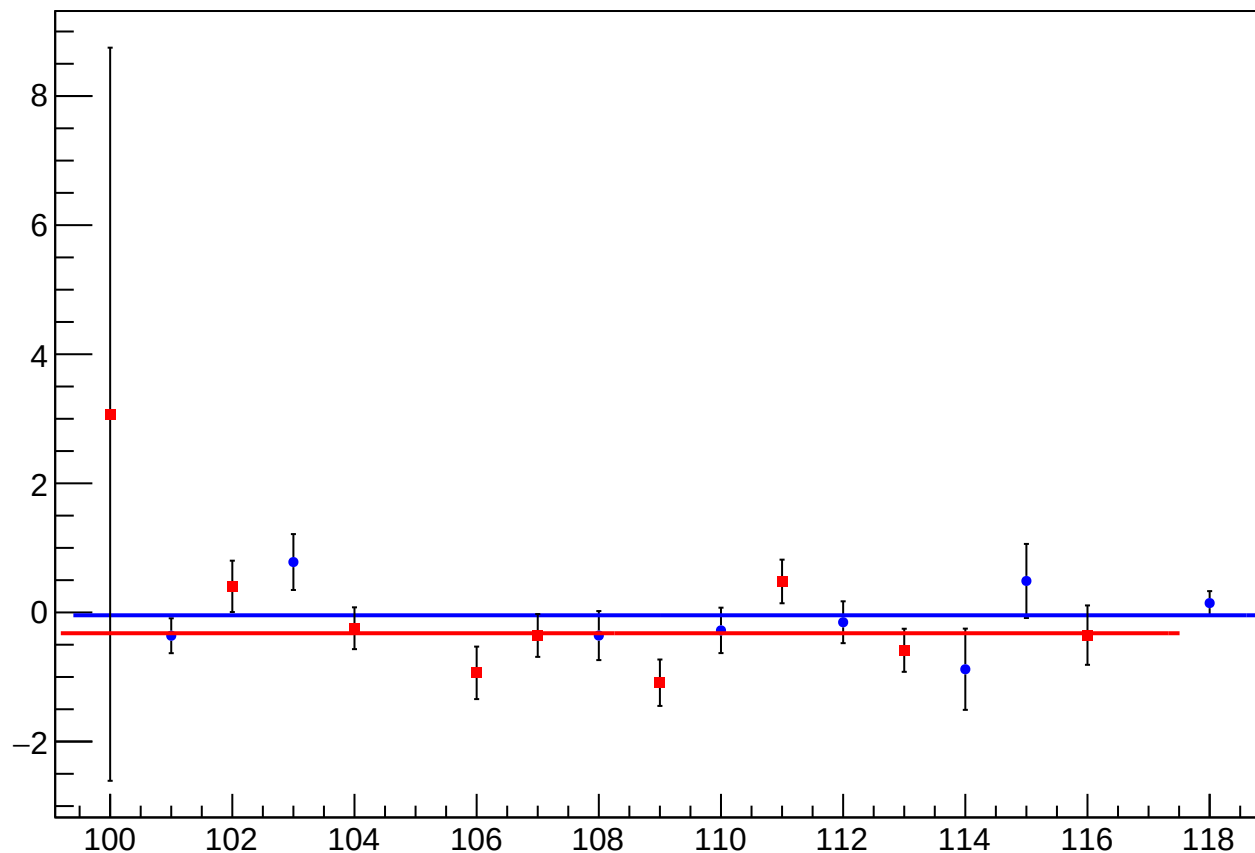
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.346 $\pm$ 0.073 χ^2 /NDF: 11.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



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: -0.322 ± 0.128 χ^2/NDF : 16.9/8

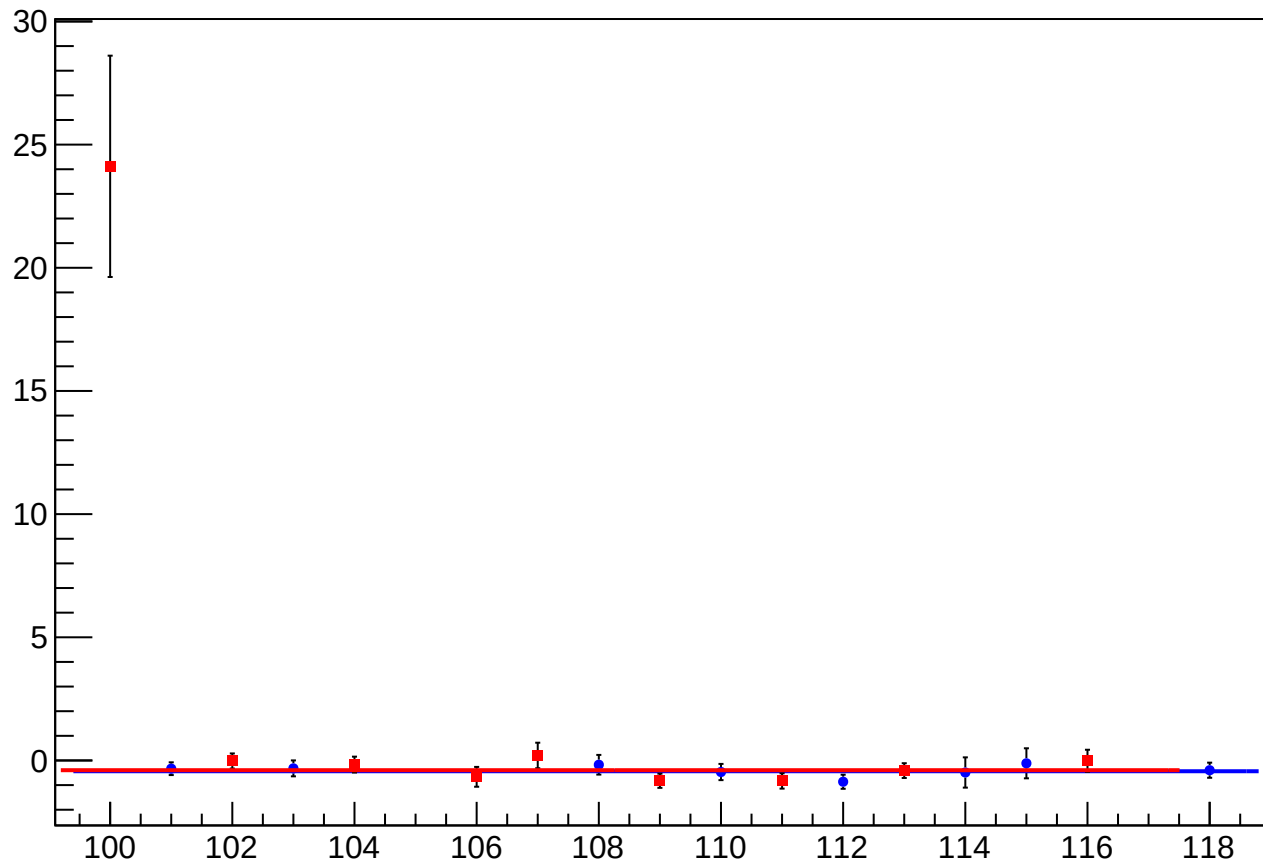
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.166 ± 0.085 χ^2/NDF : 29.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.437 ± 0.121 χ^2/NDF : 3.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.395 ± 0.121 χ^2/NDF : 38.5/8

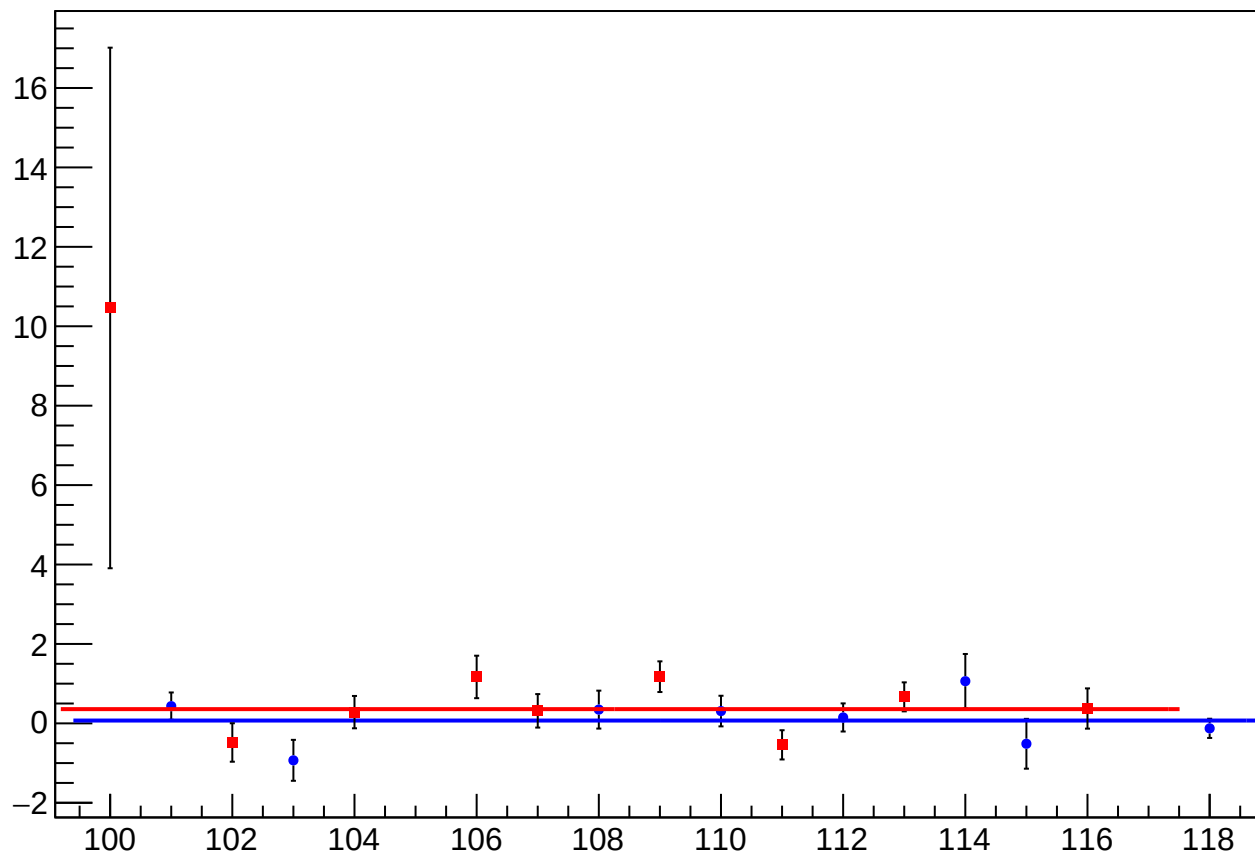
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.416 ± 0.085 χ^2/NDF : 41.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



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: 0.358+/-0.149 χ^2/NDF : 18.9/8

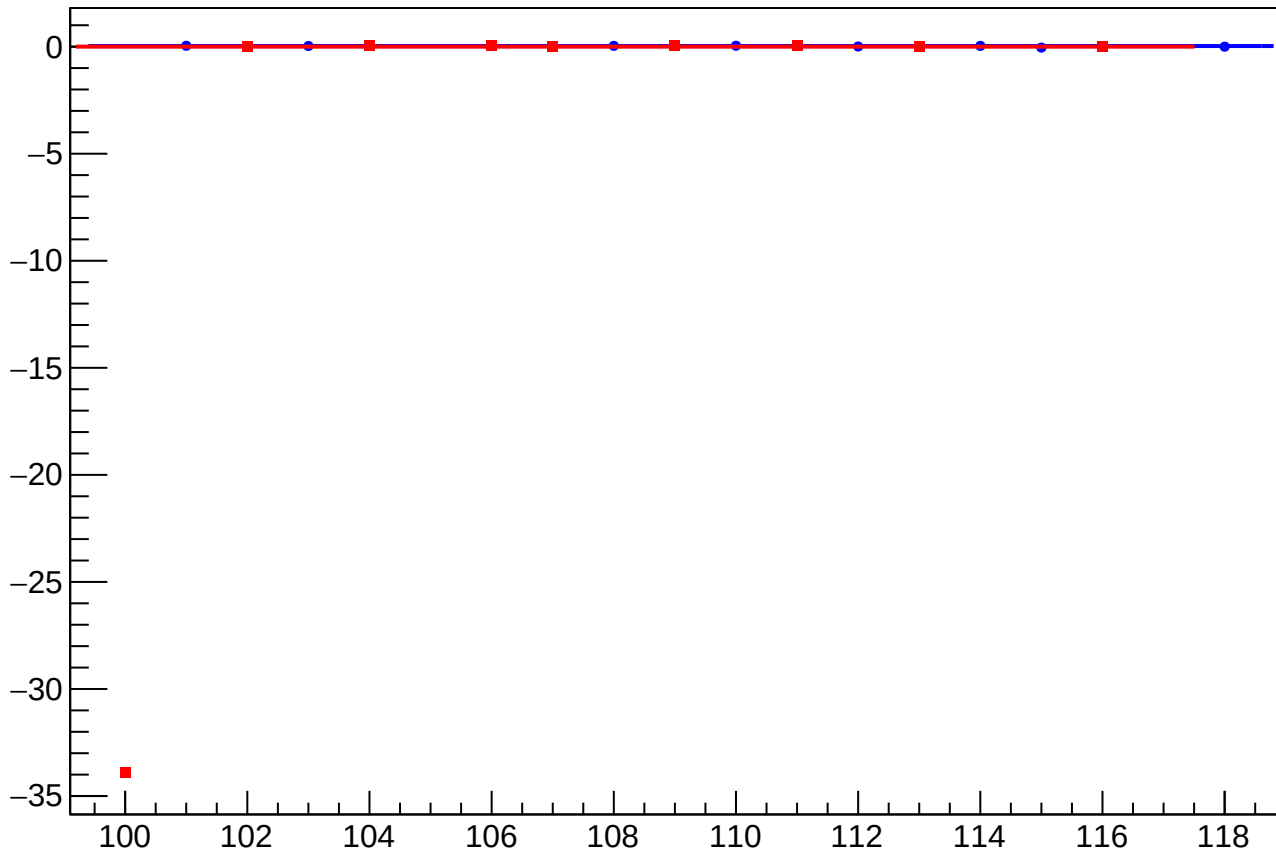
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.203+/-0.101 χ^2/NDF : 30.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



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: 0.001 $\pm$ 0.007 χ^2 /NDF: 22251.2/8

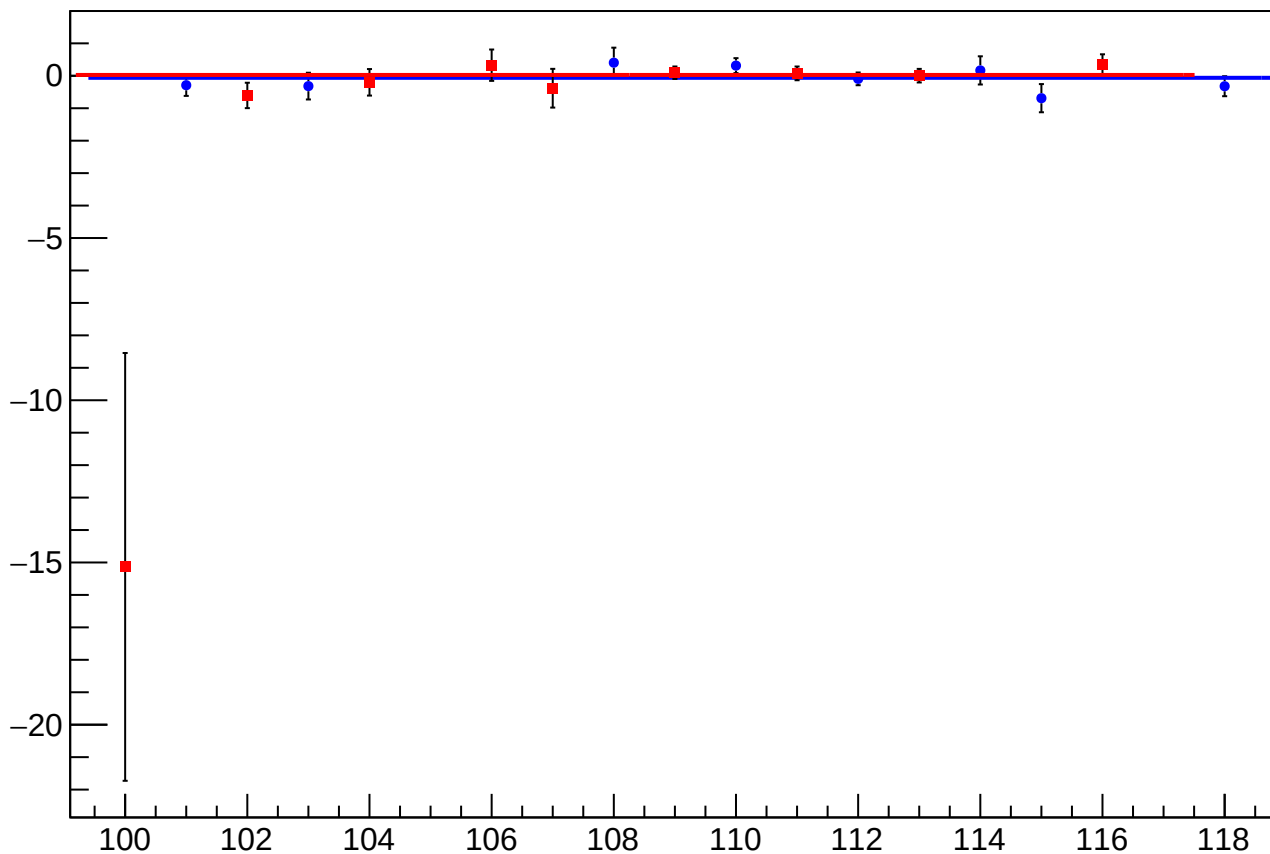
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.005 χ^2 /NDF: 22265.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.062 ± 0.108 $\chi^2/\text{NDF}: 7.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.026 ± 0.099 $\chi^2/\text{NDF}: 10.3/8$

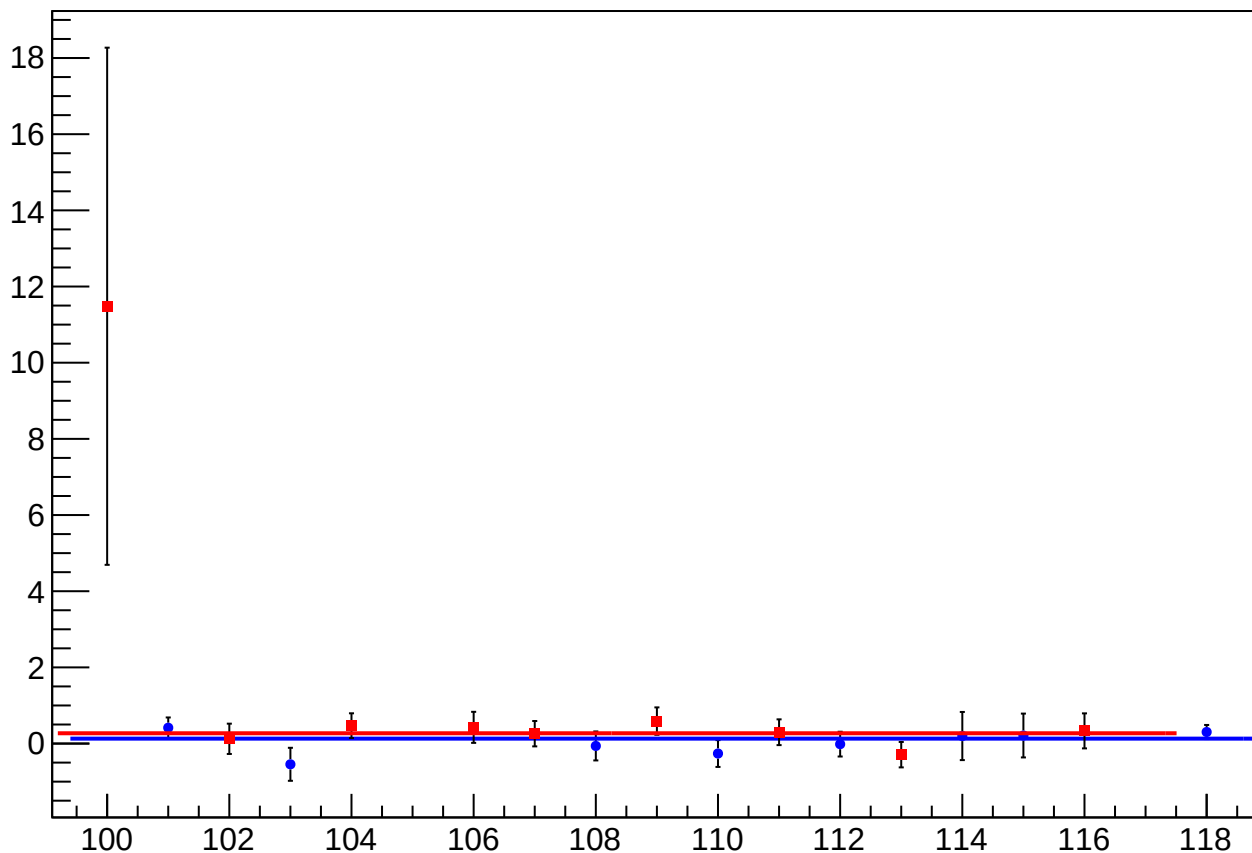
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.014 ± 0.073 $\chi^2/\text{NDF}: 18.3/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.129 $\pm$ 0.113 χ^2 /NDF: 6.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.270 $\pm$ 0.128 χ^2 /NDF: 7.0/8

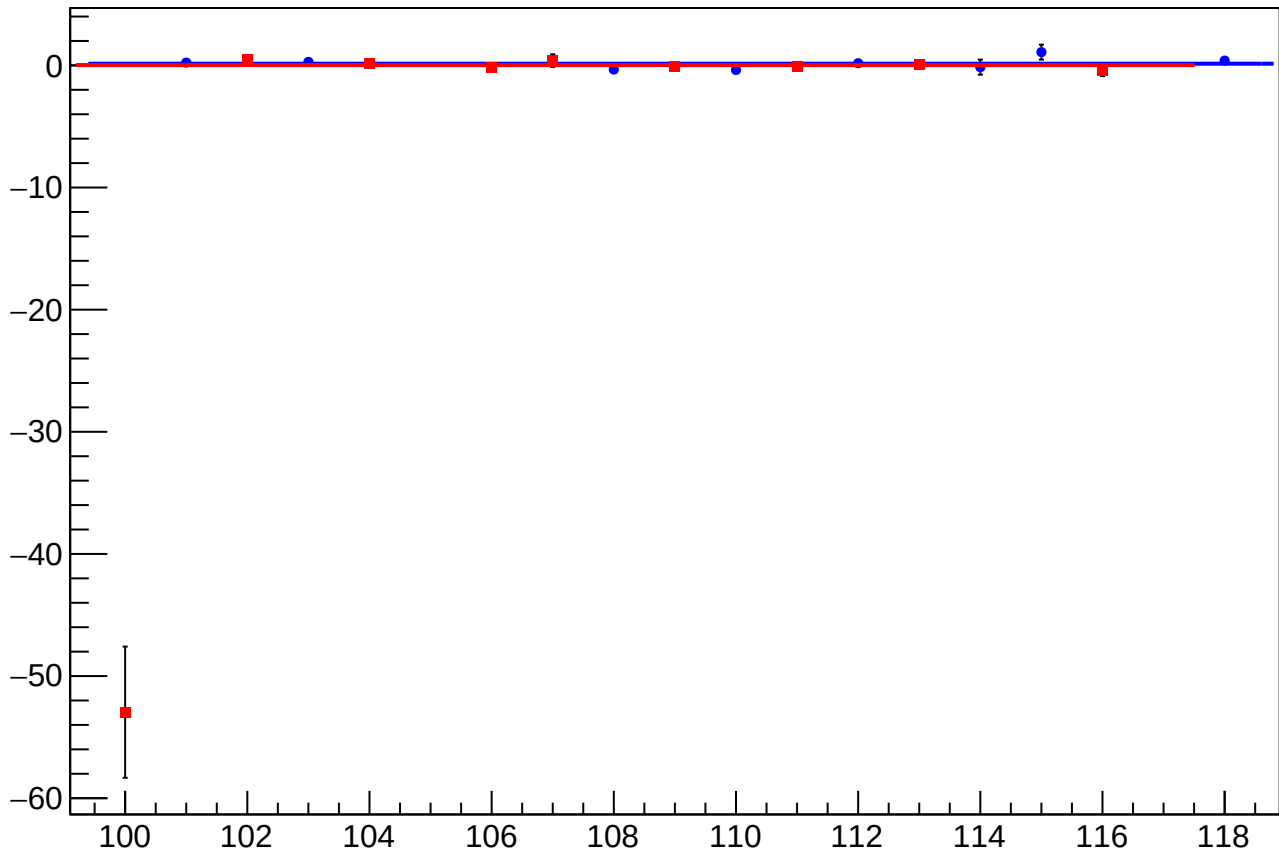
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.191 $\pm$ 0.085 χ^2 /NDF: 13.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



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: 0.028 $\pm$ 0.121 χ^2 /NDF: 101.9/8

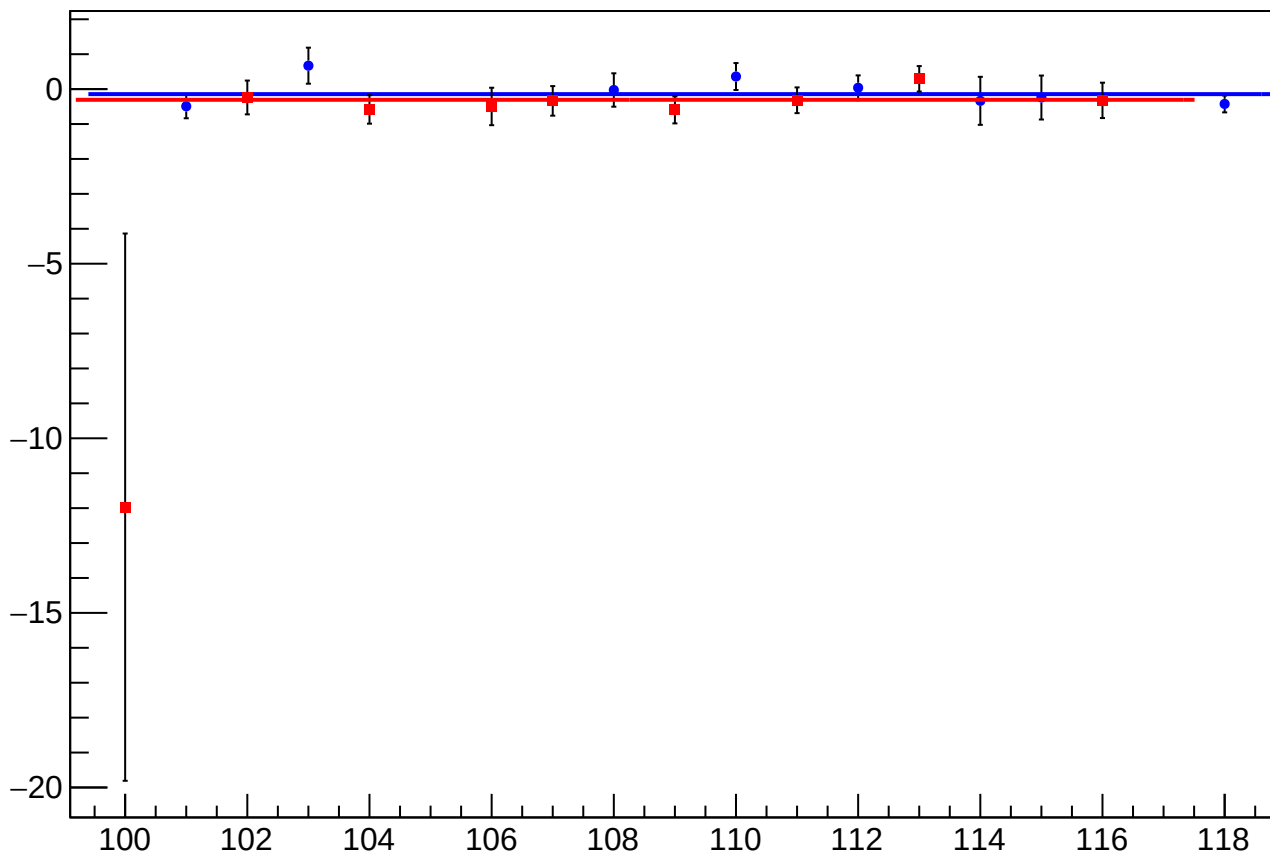
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.083 $\pm$ 0.085 χ^2 /NDF: 109.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.144 ± 0.137 χ^2/NDF : 7.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.306 ± 0.149 χ^2/NDF : 6.1/8

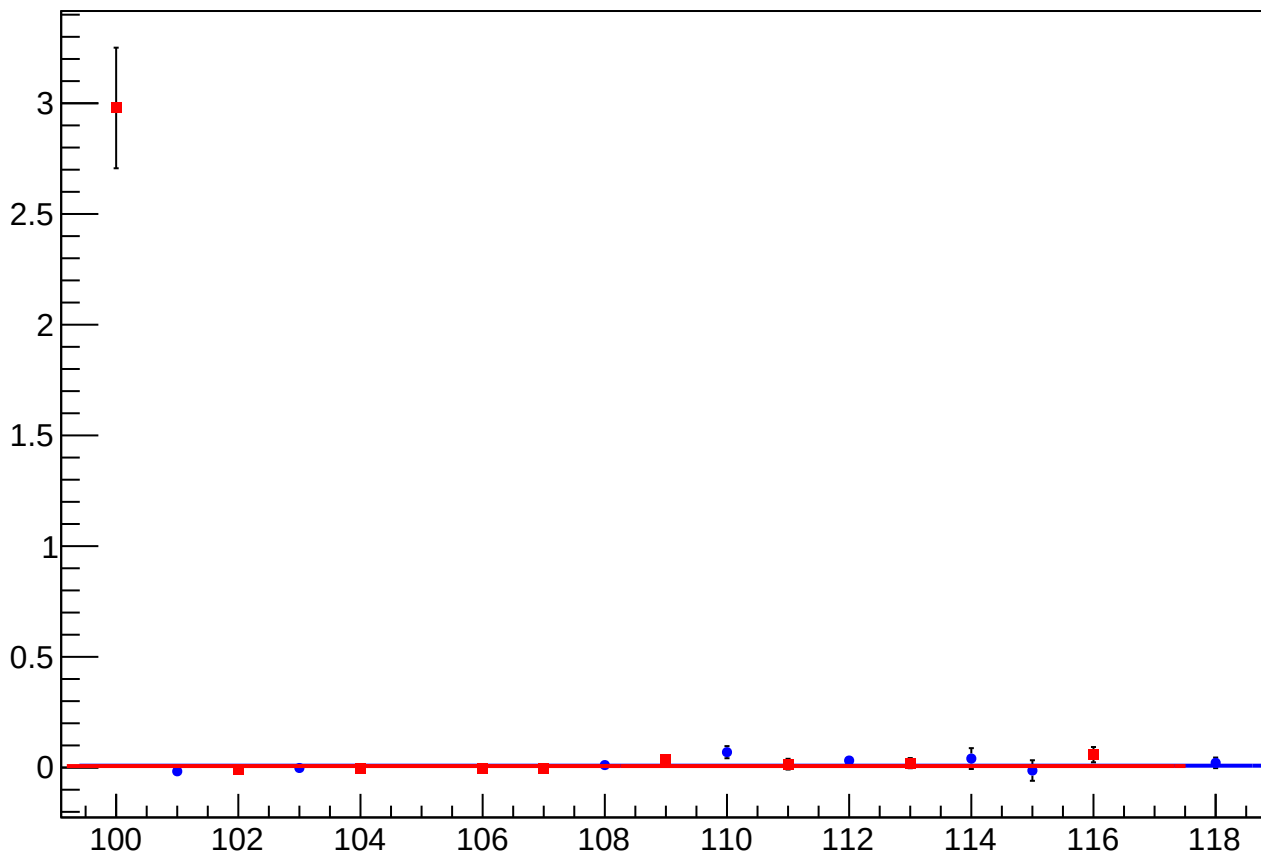
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.218 ± 0.101 χ^2/NDF : 13.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.009 $\pm$ 0.007 χ^2 /NDF: 10.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.007 $\pm$ 0.007 χ^2 /NDF: 126.1/8

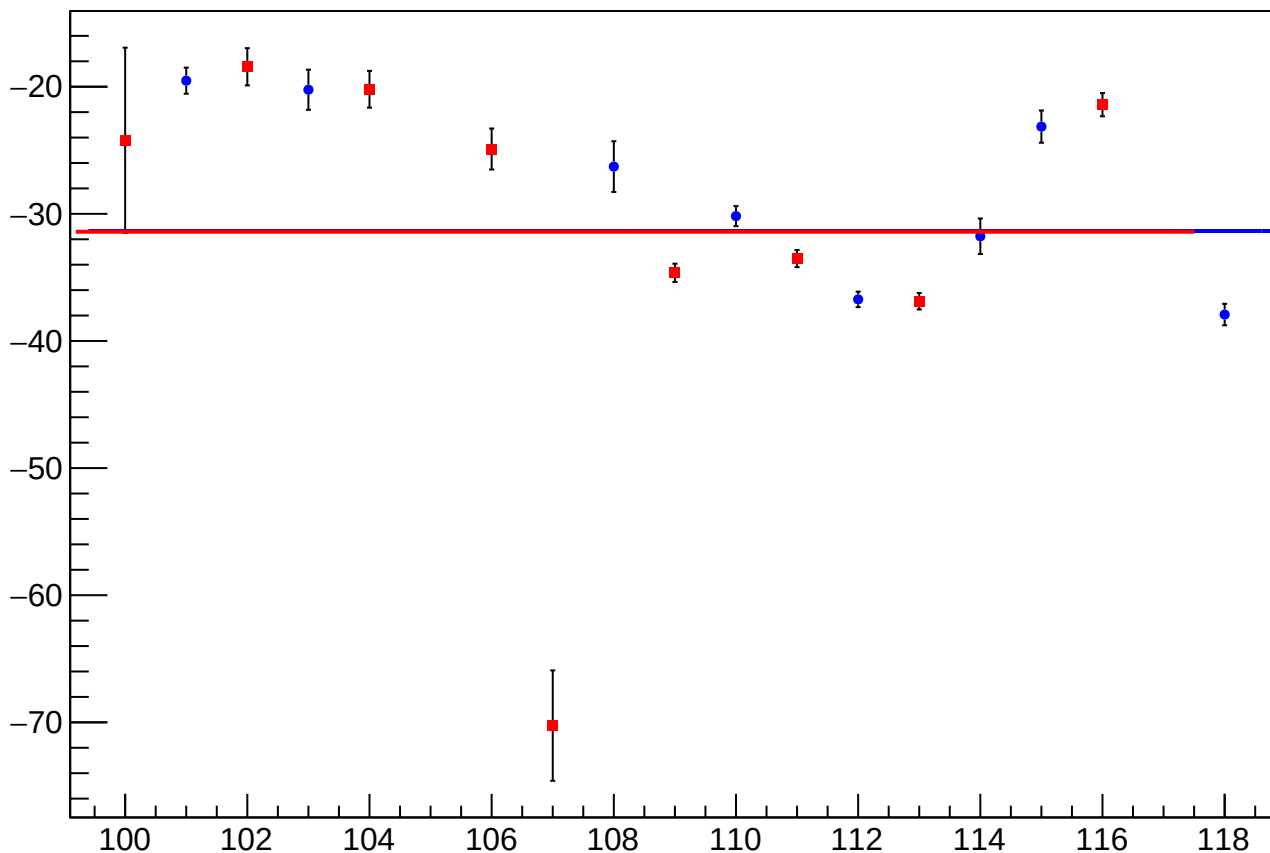
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.005 χ^2 /NDF: 136.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



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: -31.406+/-0.331 χ^2/NDF : 457.0/8

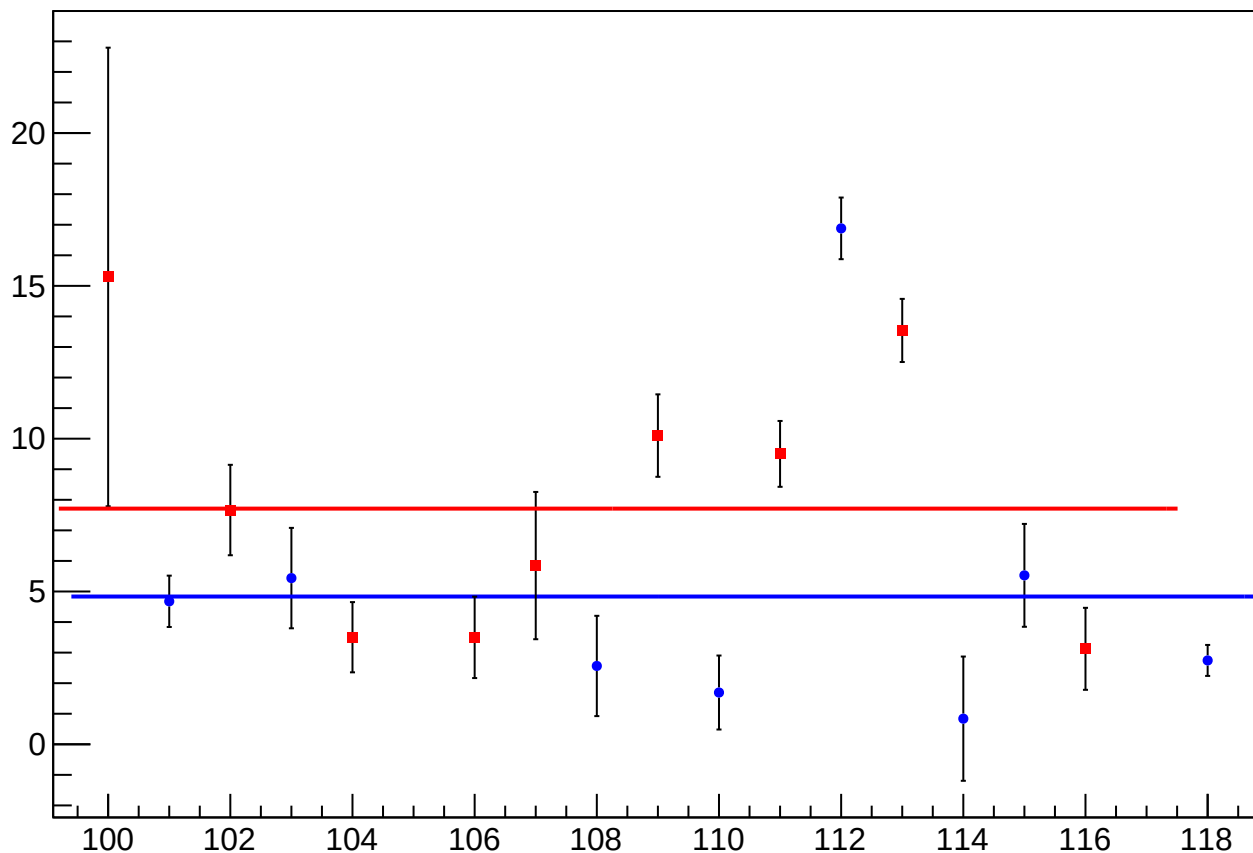
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.379+/-0.239 χ^2/NDF : 828.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



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: 7.712+/-0.453 χ^2/NDF : 74.5/8

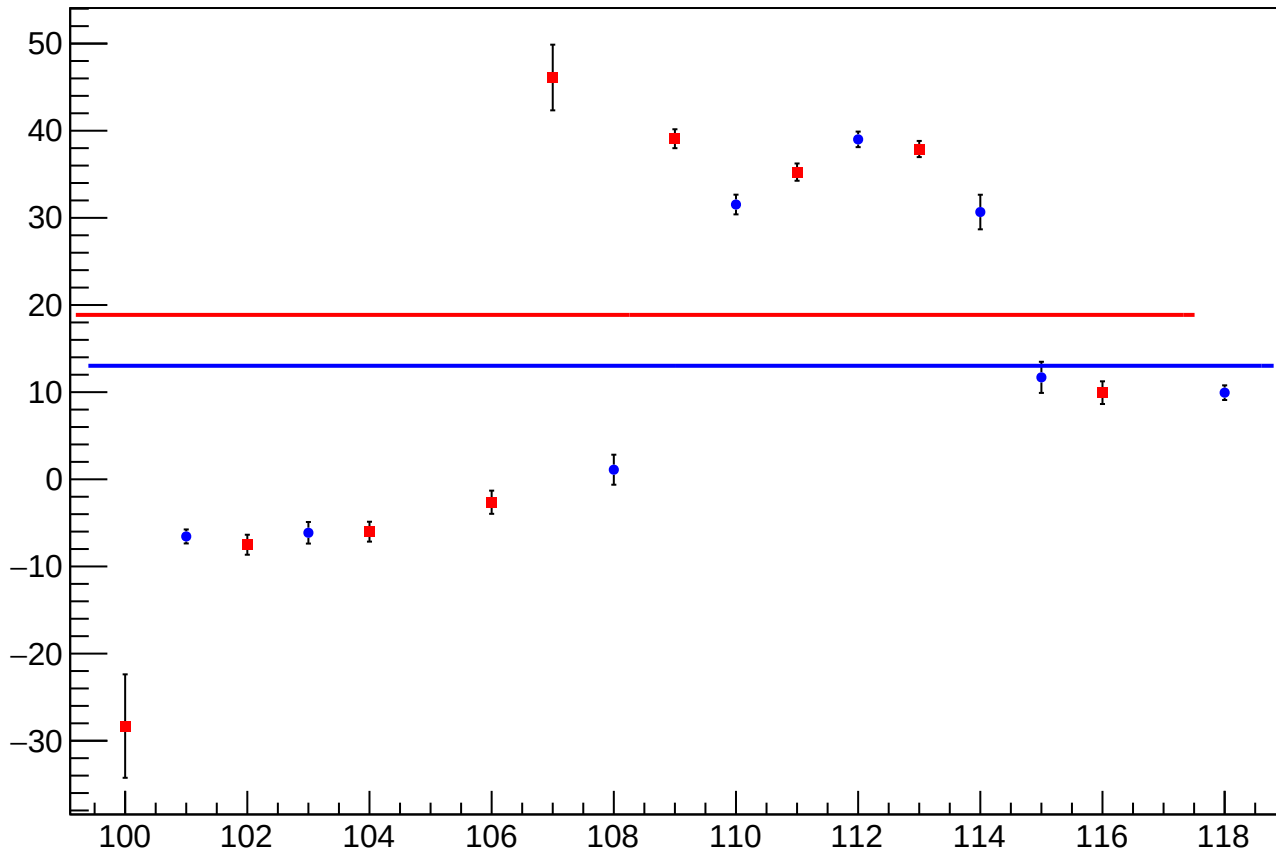
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.898+/-0.275 χ^2/NDF : 272.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



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: 18.867+/-0.415 χ^2/NDF : 2468.6/8

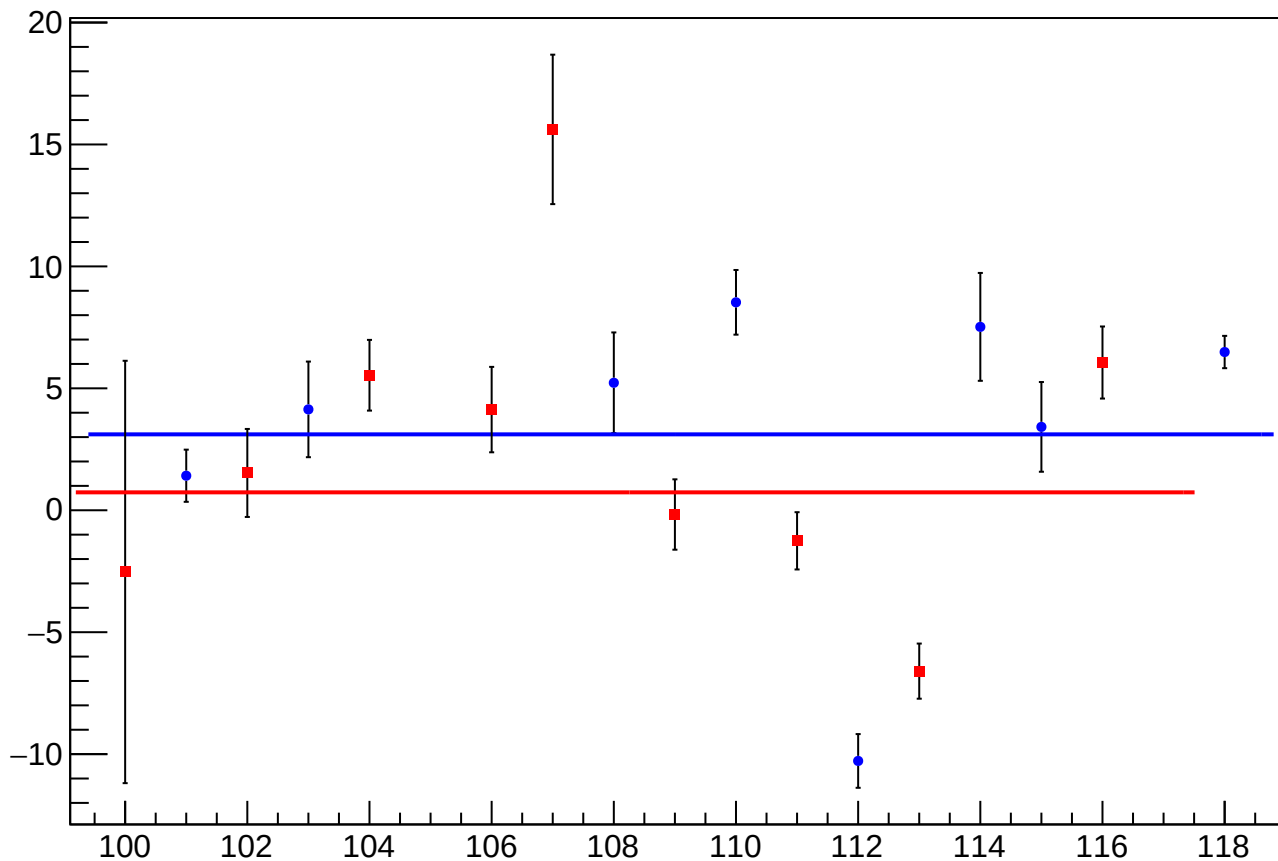
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.770+/-0.284 χ^2/NDF : 4664.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 3.113 $\pm$ 0.425 χ^2 /NDF: 198.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.735 $\pm$ 0.522 χ^2 /NDF: 97.0/8

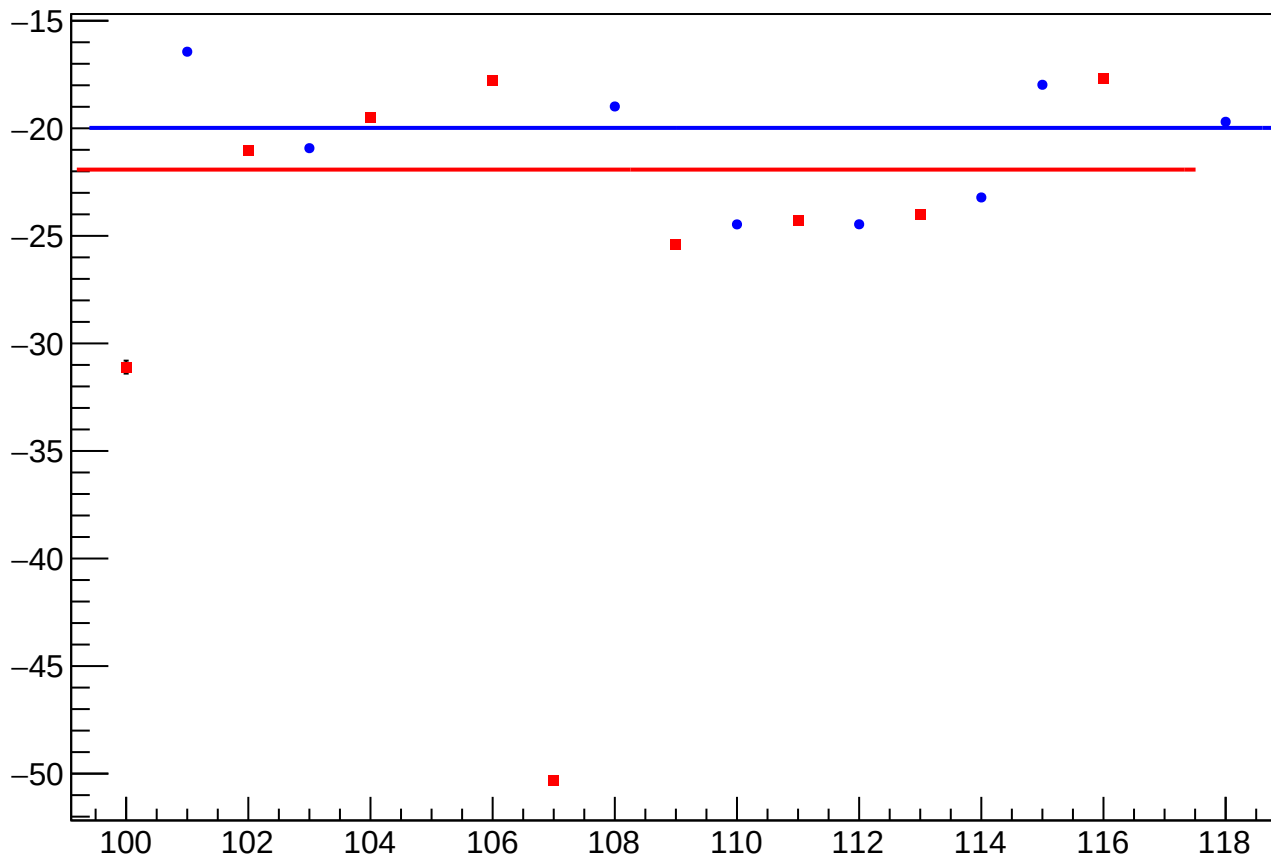
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.164 $\pm$ 0.329 χ^2 /NDF: 307.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.981 ± 0.025 $\chi^2/\text{NDF}: 13109.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -21.920 ± 0.025 $\chi^2/\text{NDF}: 47635.5/8$

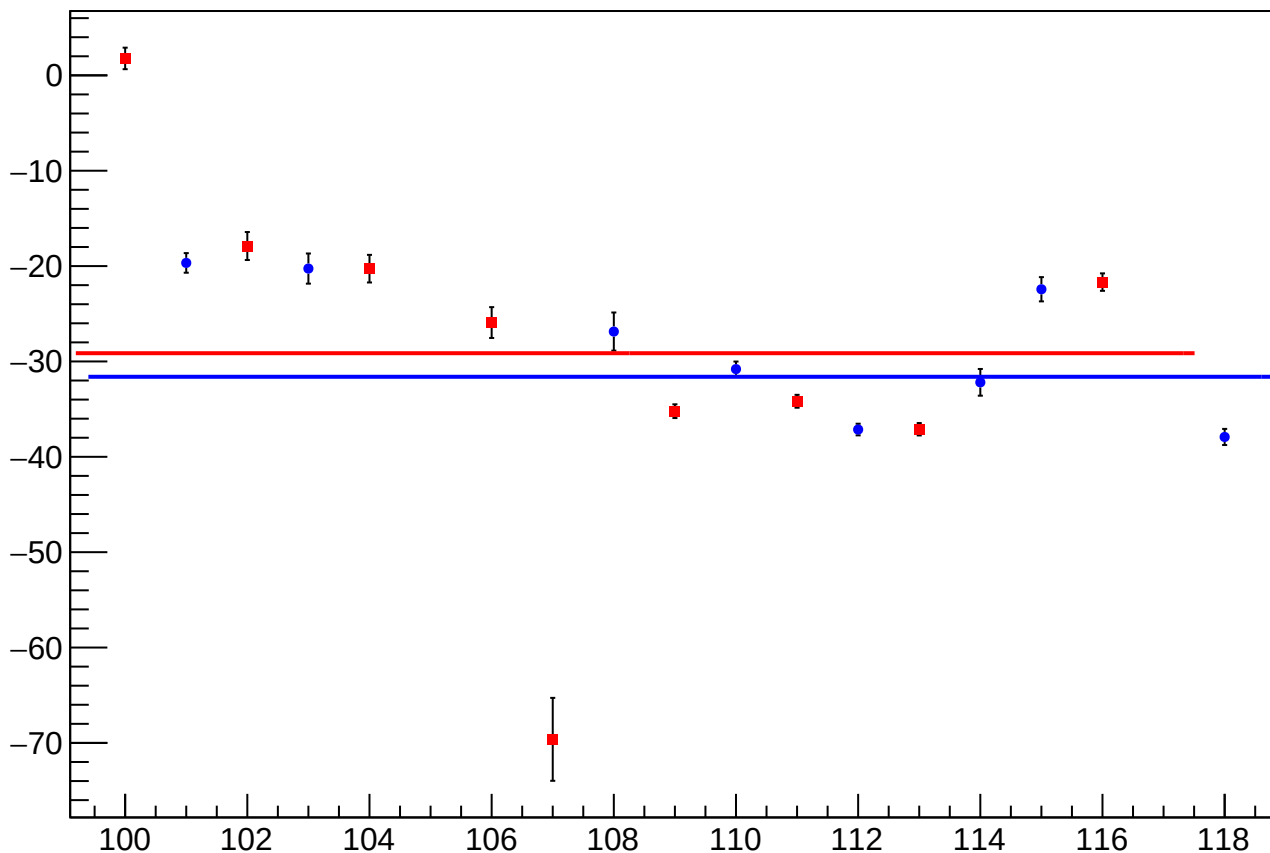
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.951 ± 0.017 $\chi^2/\text{NDF}: 63866.9/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm1X_slope vs Slug



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: -29.135 $\pm$ 0.319 χ^2 /NDF: 1281.7/8

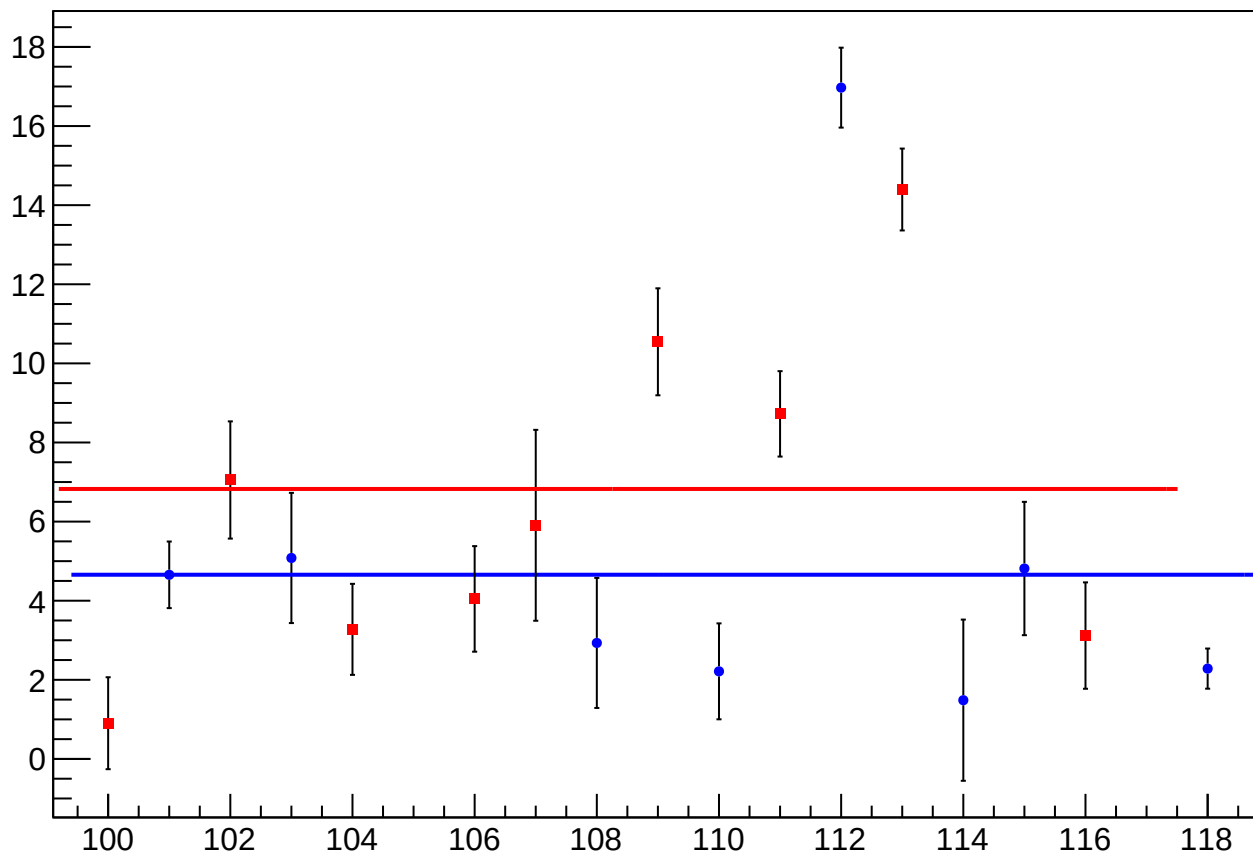
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.274 $\pm$ 0.234 χ^2 /NDF: 1692.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.657 $\pm$ 0.347 χ^2 /NDF: 178.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.825 $\pm$ 0.424 χ^2 /NDF: 111.7/8

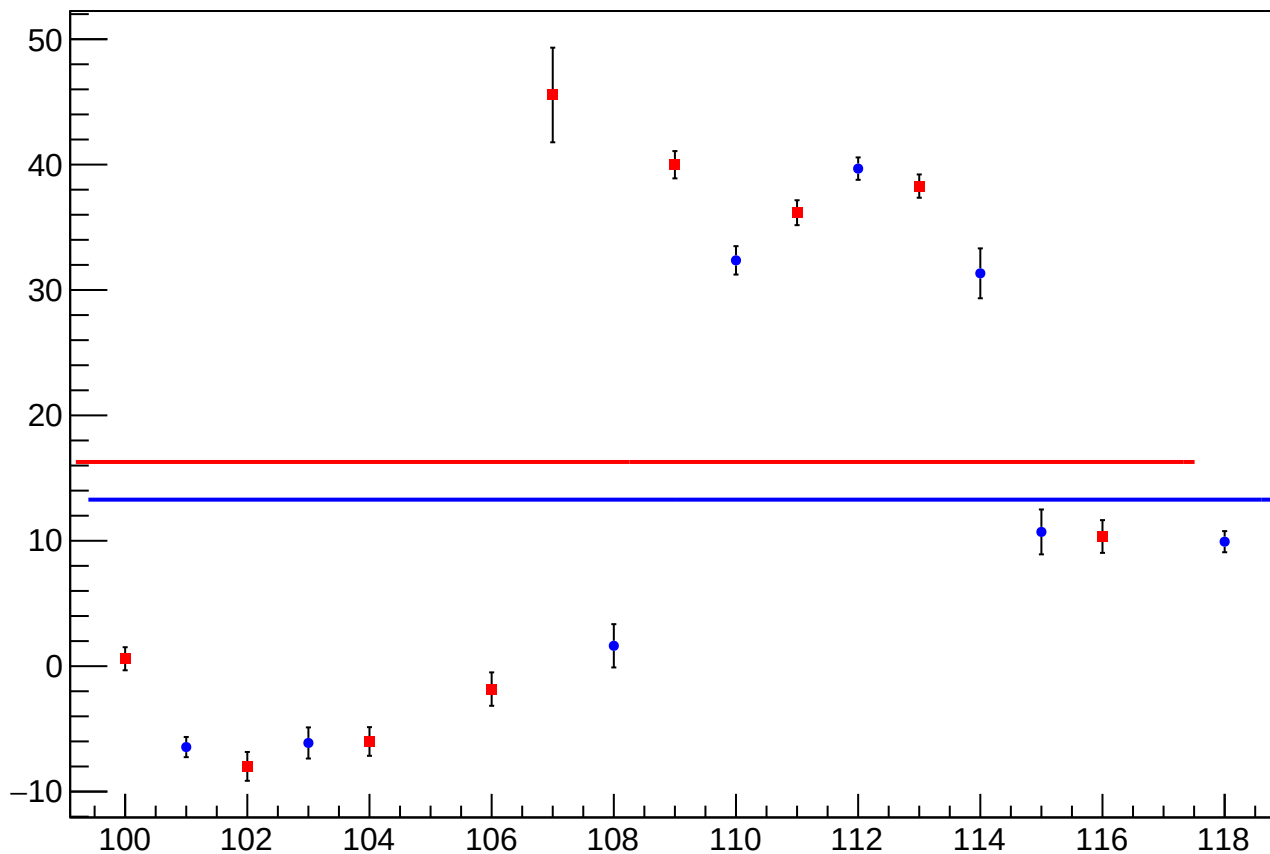
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.529 $\pm$ 0.269 χ^2 /NDF: 305.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 13.280 $\pm$ 0.391 χ^2 /NDF: 2148.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.286 $\pm$ 0.380 χ^2 /NDF: 2819.7/8

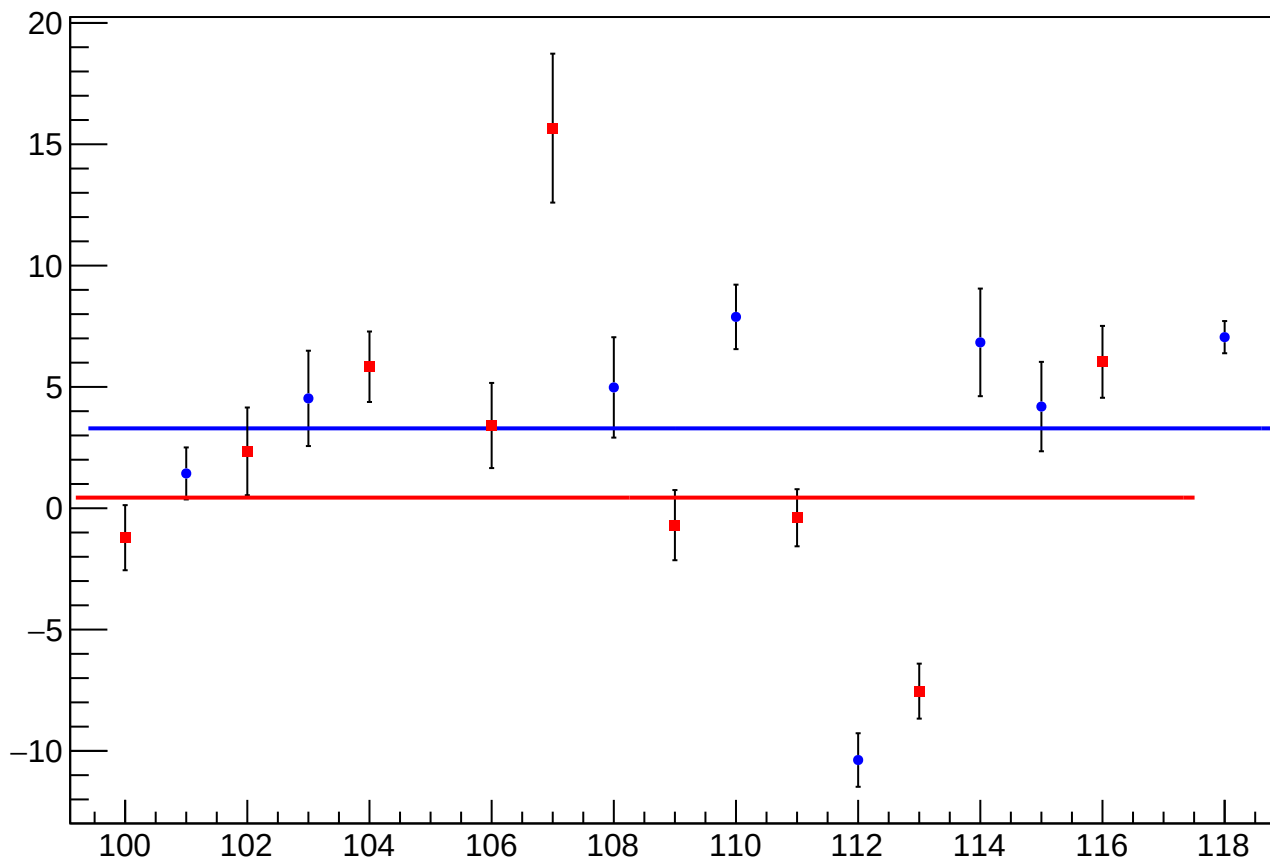
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.828 $\pm$ 0.272 χ^2 /NDF: 4998.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 3.292 $\pm$ 0.426 χ^2 /NDF: 204.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.438 $\pm$ 0.488 χ^2 /NDF: 108.8/8

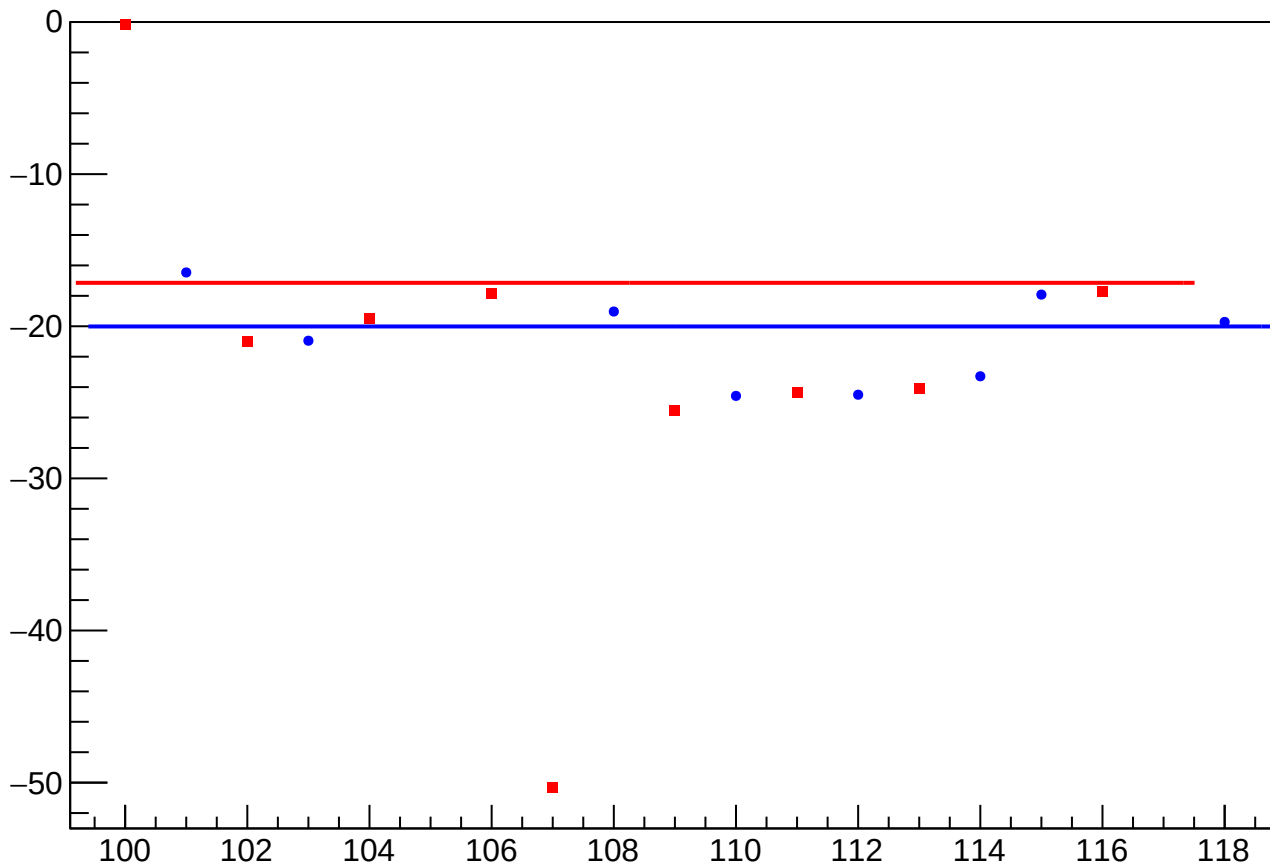
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.059 $\pm$ 0.321 χ^2 /NDF: 332.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



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: -17.145 $\pm$ 0.022 χ^2 /NDF: 216644.2/8

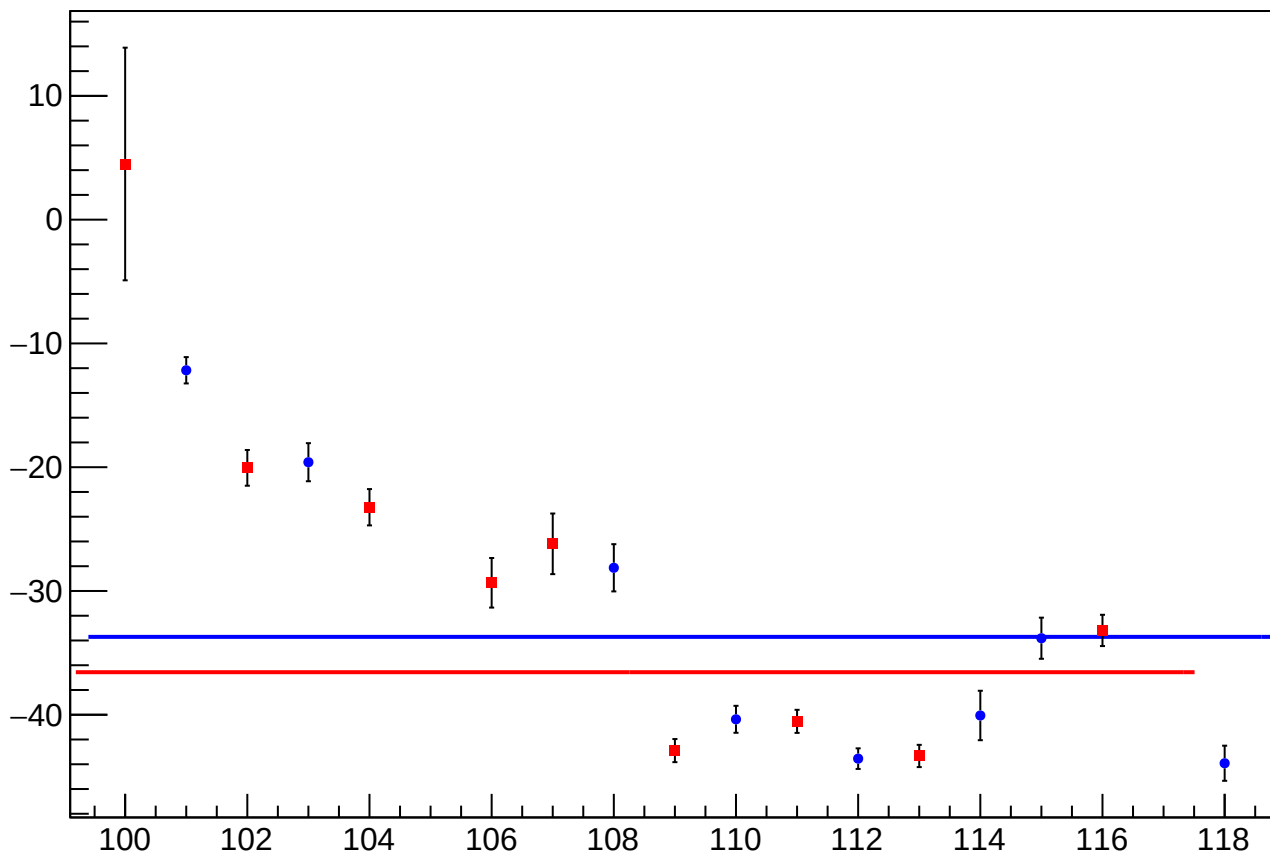
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.406 $\pm$ 0.016 χ^2 /NDF: 237466.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -33.708 ± 0.448 $\chi^2/\text{NDF}: 741.7/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -36.562 ± 0.425 $\chi^2/\text{NDF}: 391.4/8$

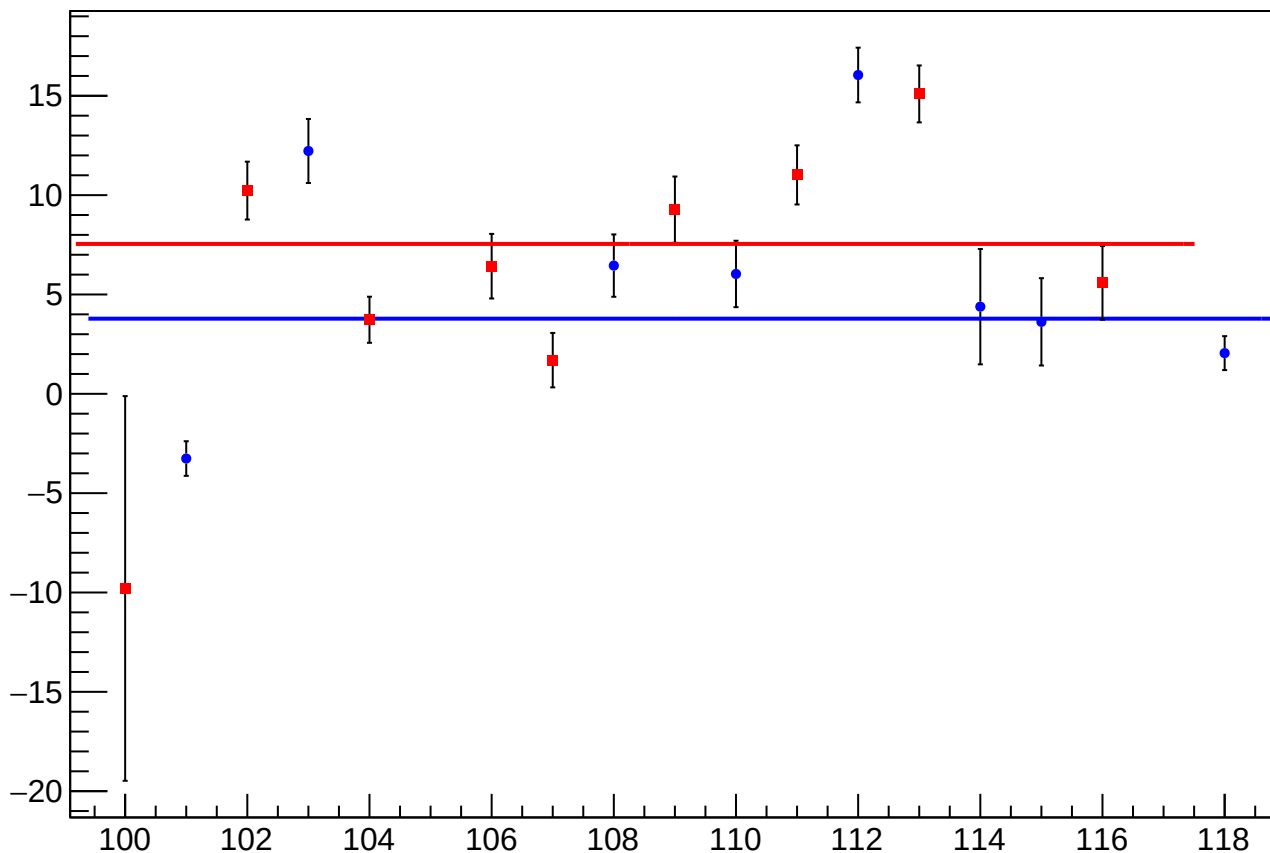
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -35.211 ± 0.308 $\chi^2/\text{NDF}: 1154.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



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: 7.545+/-0.518 χ^2/NDF : 71.5/8

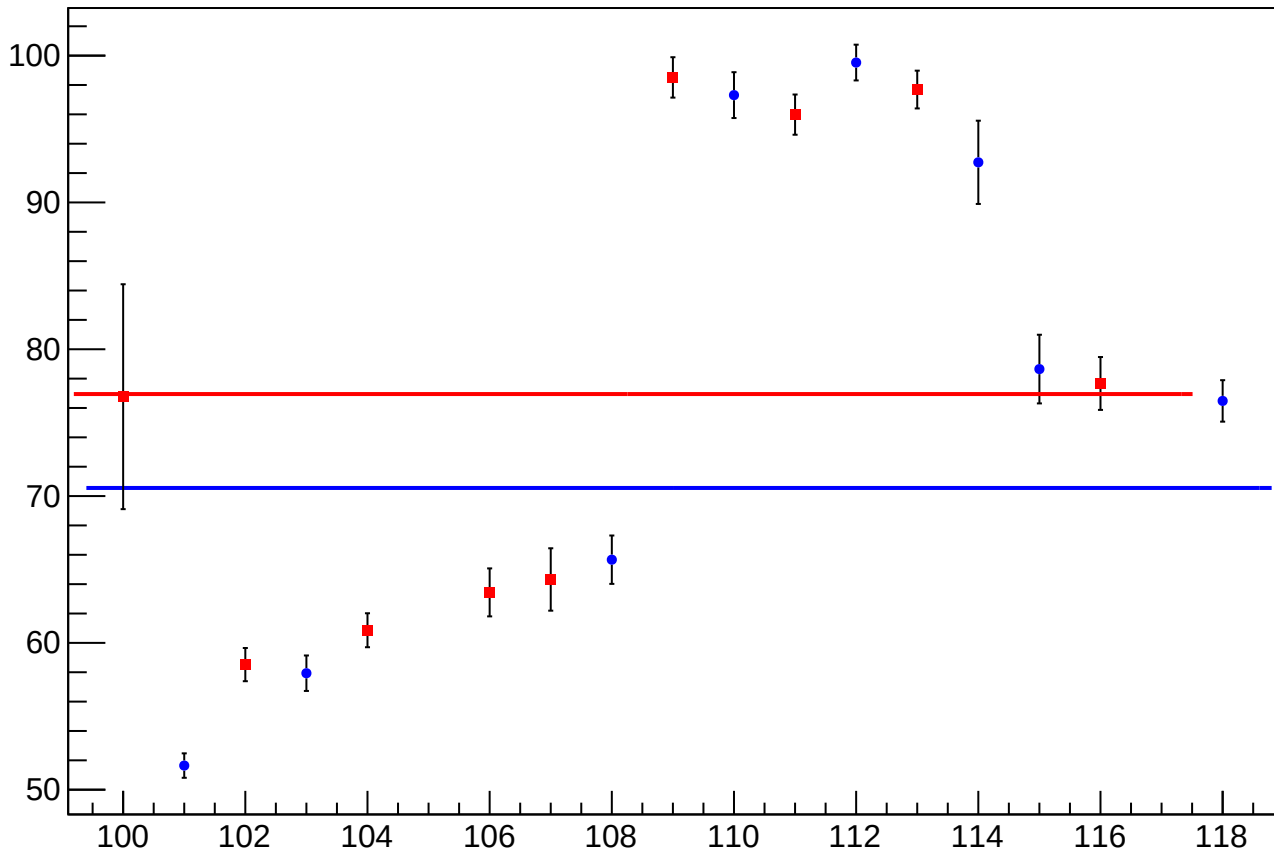
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.448+/-0.345 χ^2/NDF : 282.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



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: 76.949 $\pm$ 0.493 χ^2 /NDF: 1261.3/8

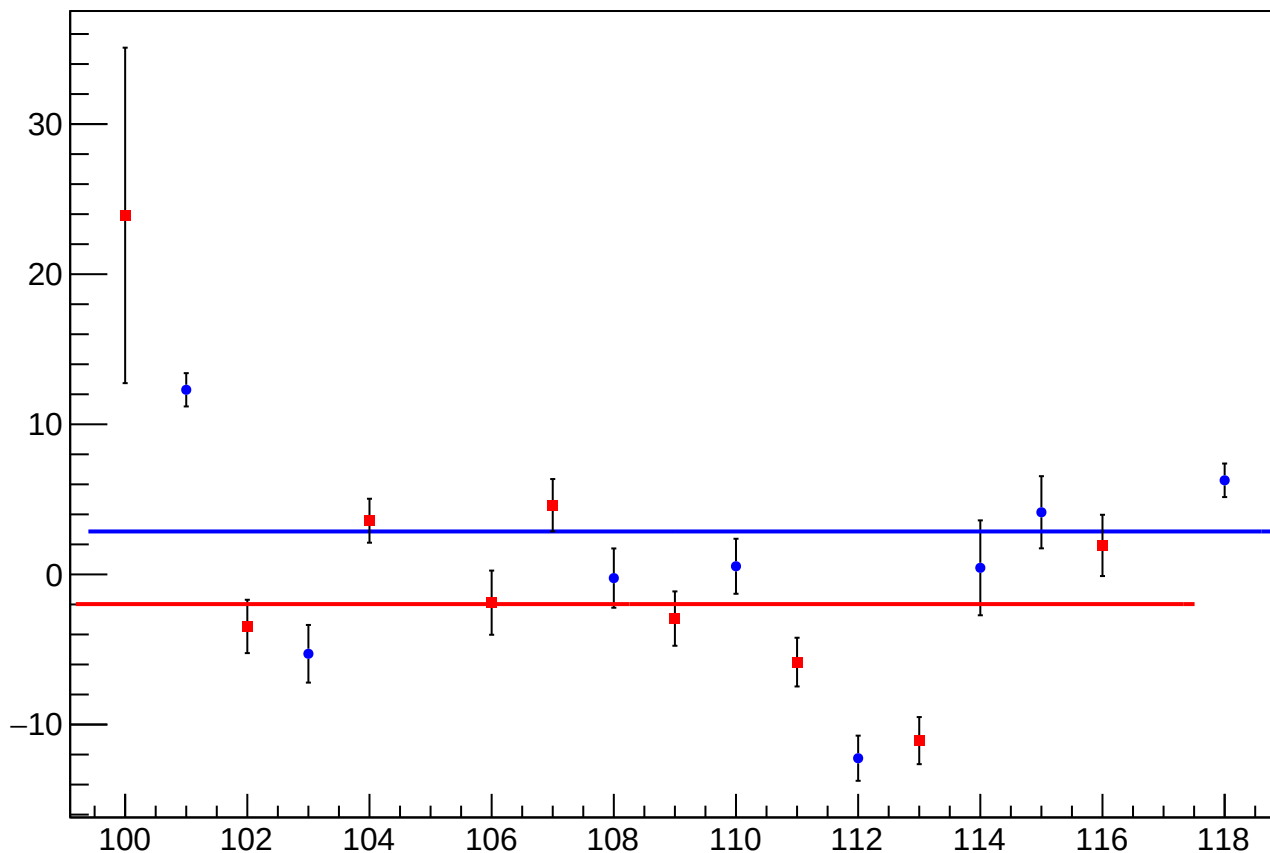
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.648 $\pm$ 0.343 χ^2 /NDF: 2932.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



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: -1.977 $\pm$ 0.612 χ^2 /NDF: 78.0/8

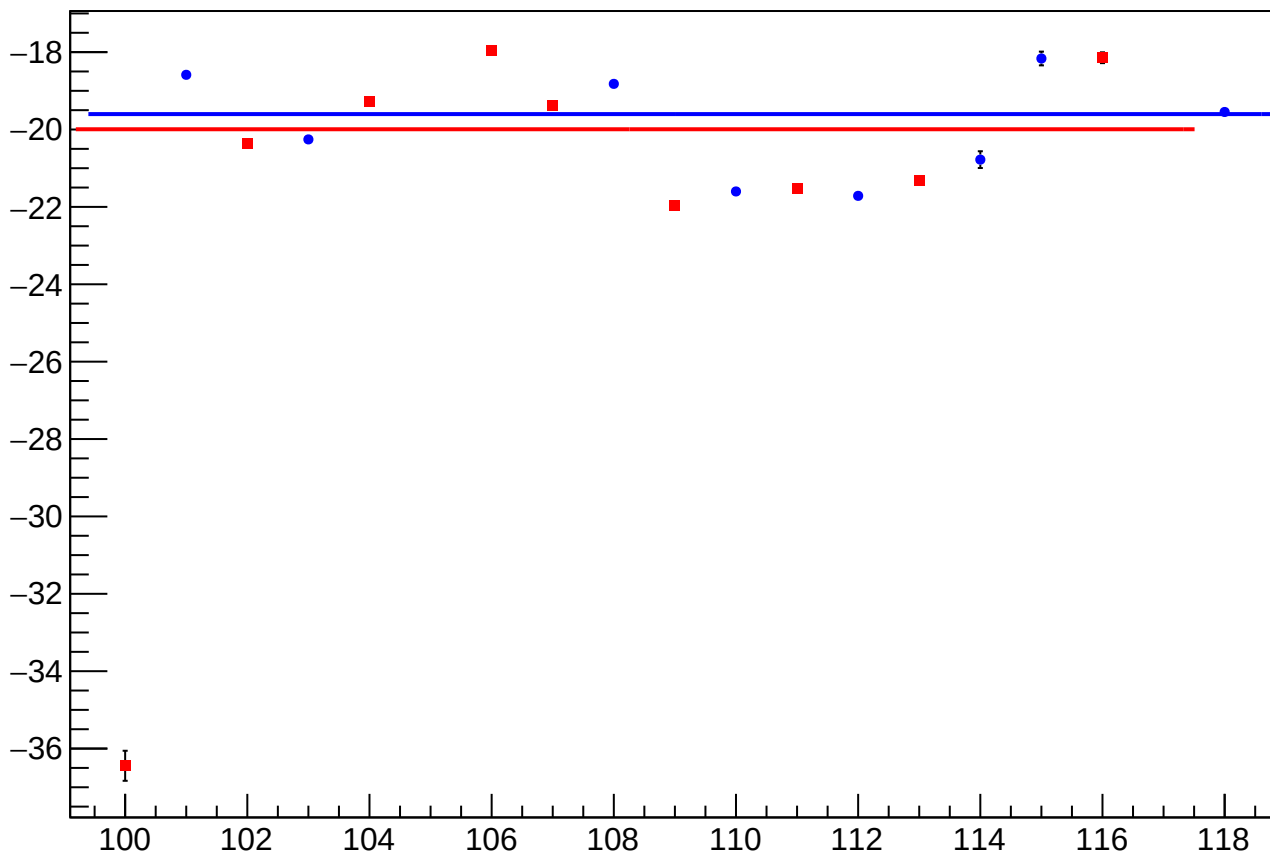
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.644 $\pm$ 0.414 χ^2 /NDF: 317.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



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: -19.993 $\pm$ 0.027 χ^2 /NDF: 3752.5/8

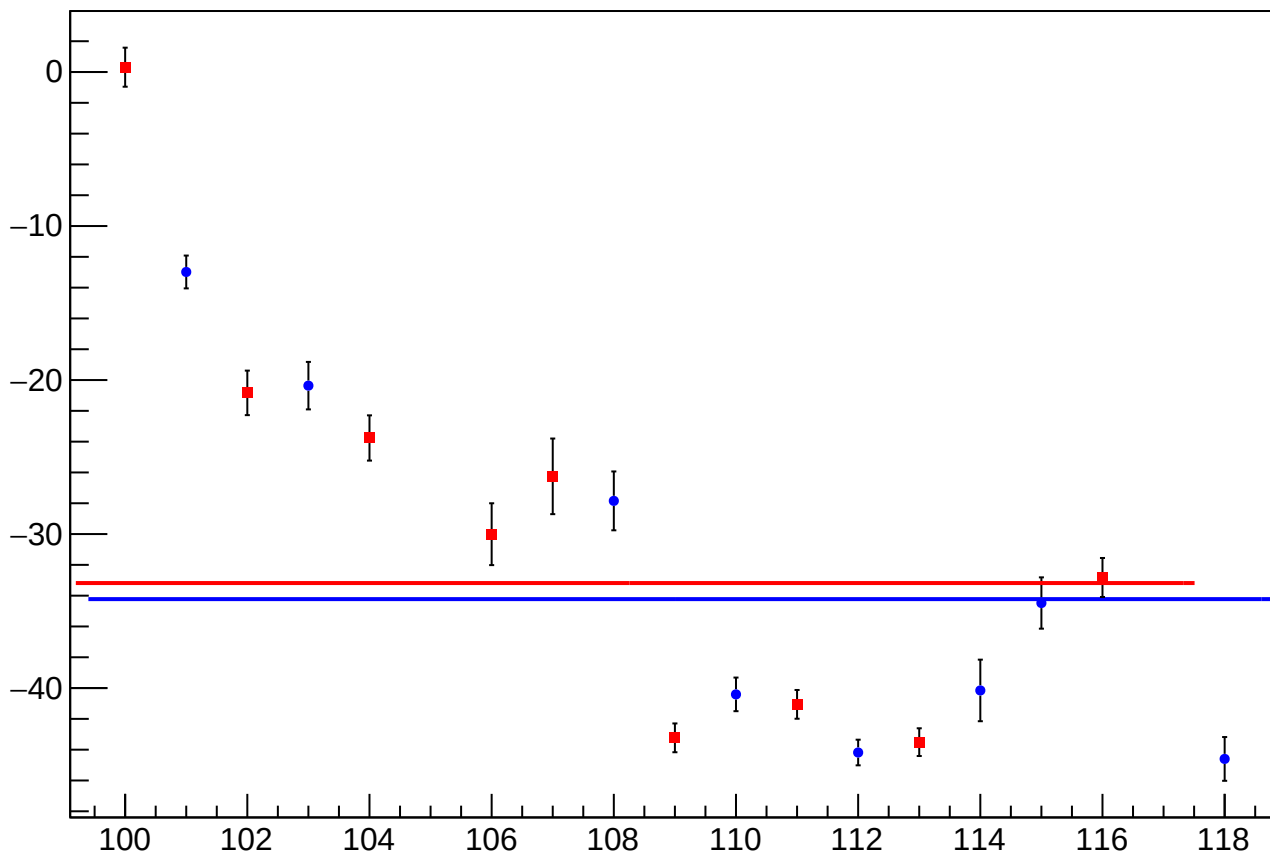
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.802 $\pm$ 0.019 χ^2 /NDF: 5401.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



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: -33.181+/-0.404 χ^2/NDF : 1141.1/8

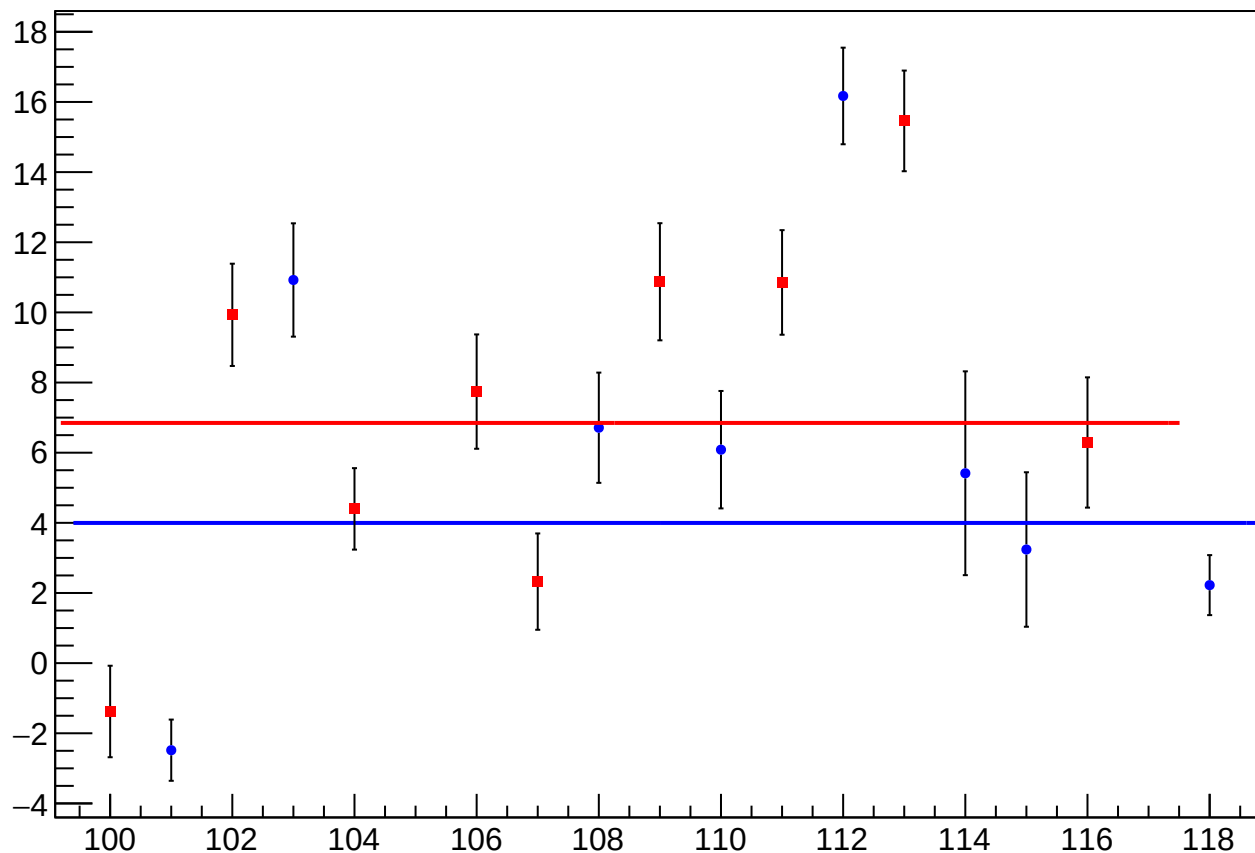
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.648+/-0.300 χ^2/NDF : 1870.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 3.997+/-0.462 χ^2/NDF : 160.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.849+/-0.483 χ^2/NDF : 109.0/8

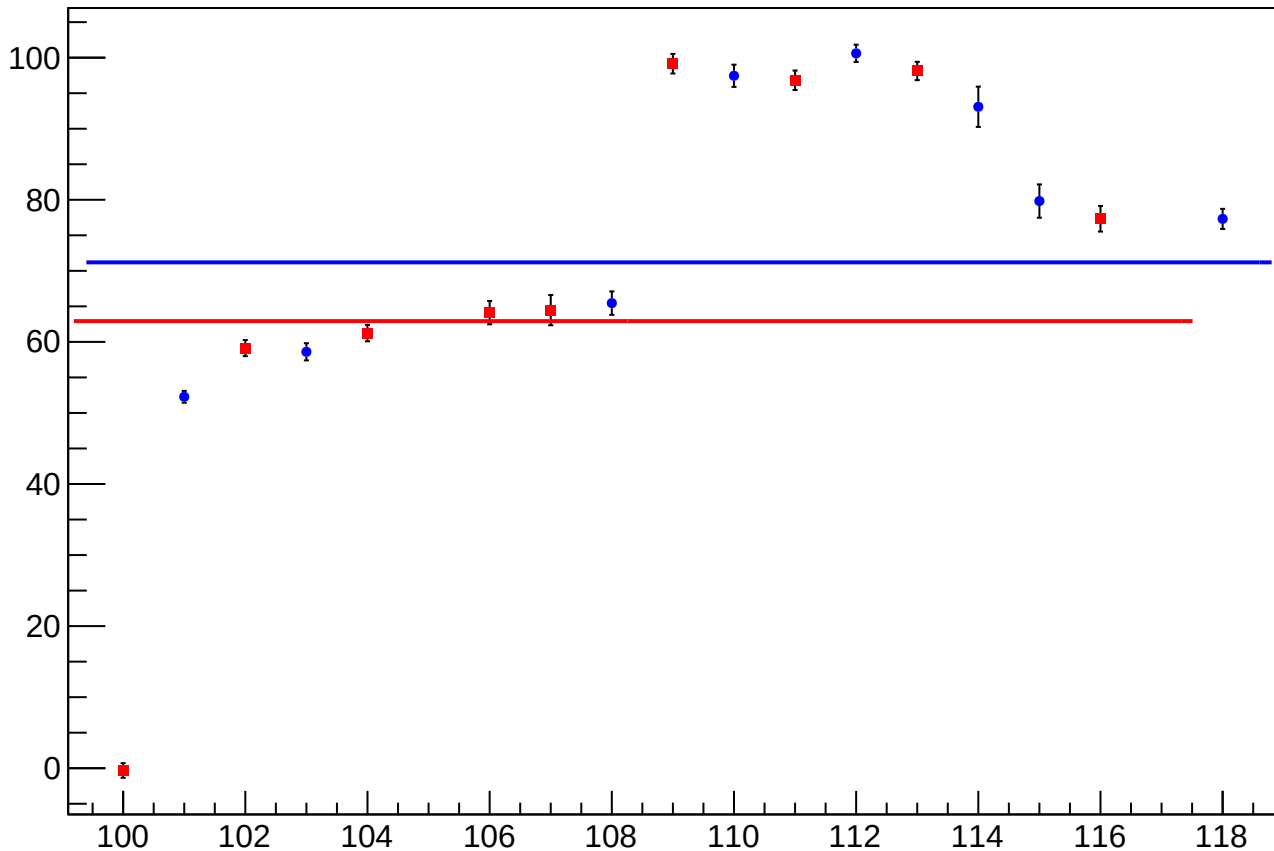
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.362+/-0.334 χ^2/NDF : 288.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 71.194 $\pm$ 0.478 χ^2 /NDF: 1591.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.925 $\pm$ 0.446 χ^2 /NDF: 5871.8/8

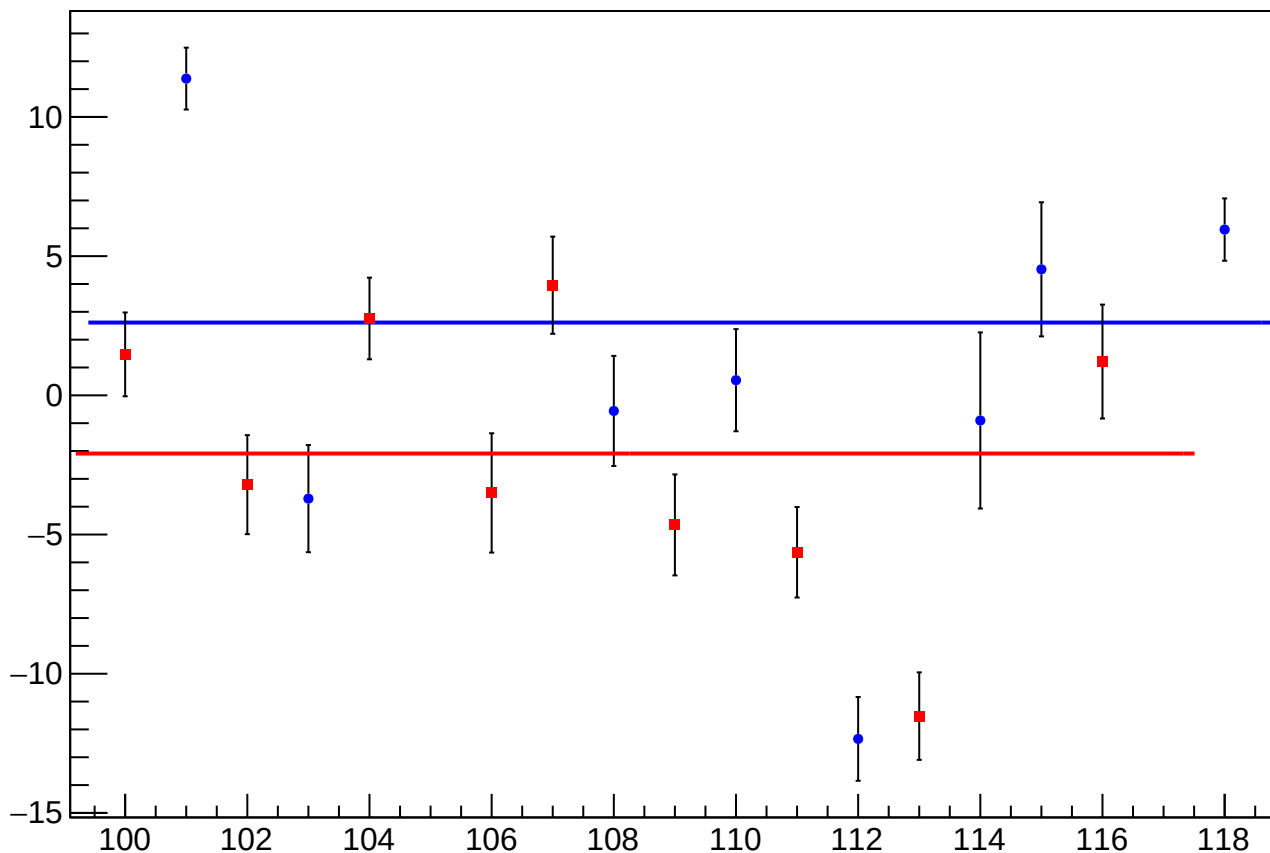
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.775 $\pm$ 0.326 χ^2 /NDF: 7623.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



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: -2.090 $\pm$ 0.568 χ^2 /NDF: 74.8/8

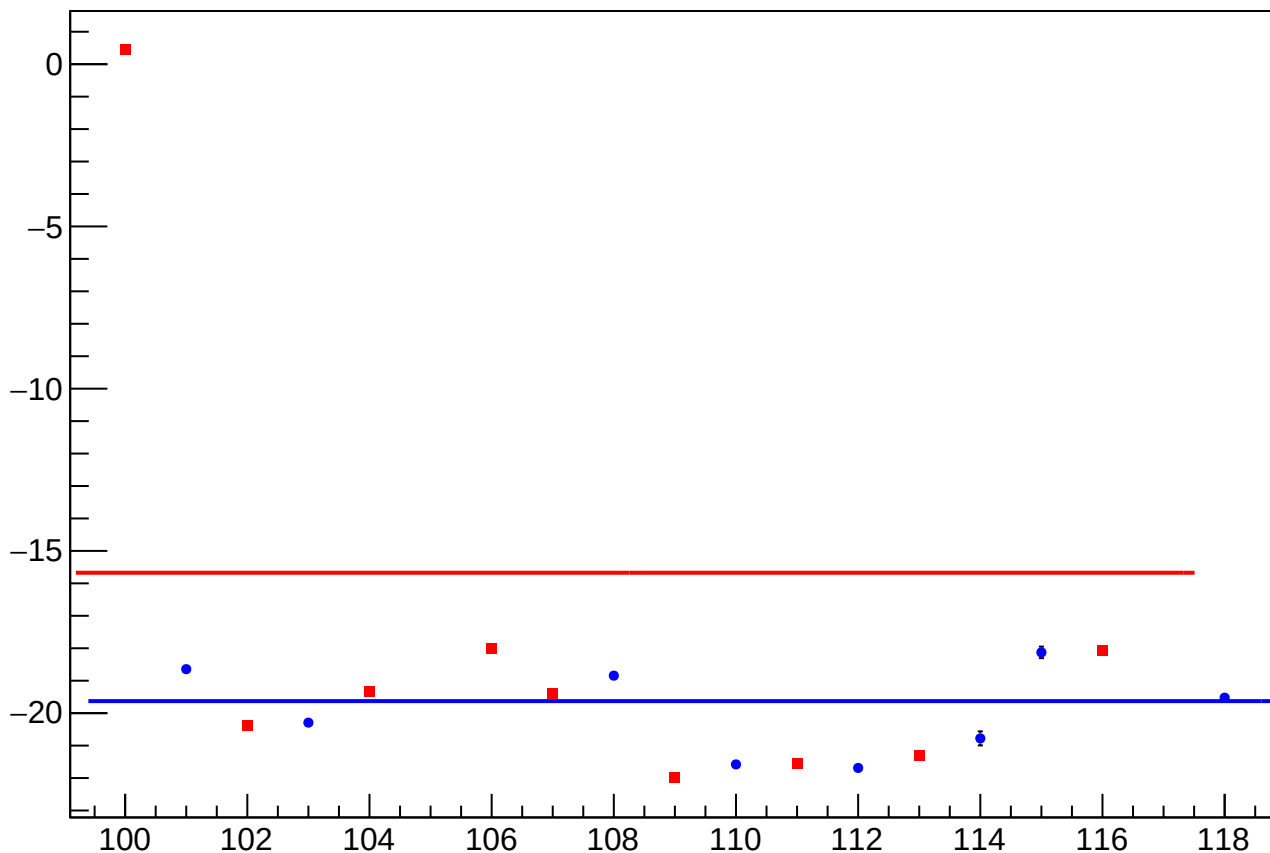
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.281 $\pm$ 0.400 χ^2 /NDF: 295.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.629 ± 0.028 $\chi^2/\text{NDF}: 1491.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.673 ± 0.024 $\chi^2/\text{NDF}: 122096.8/8$

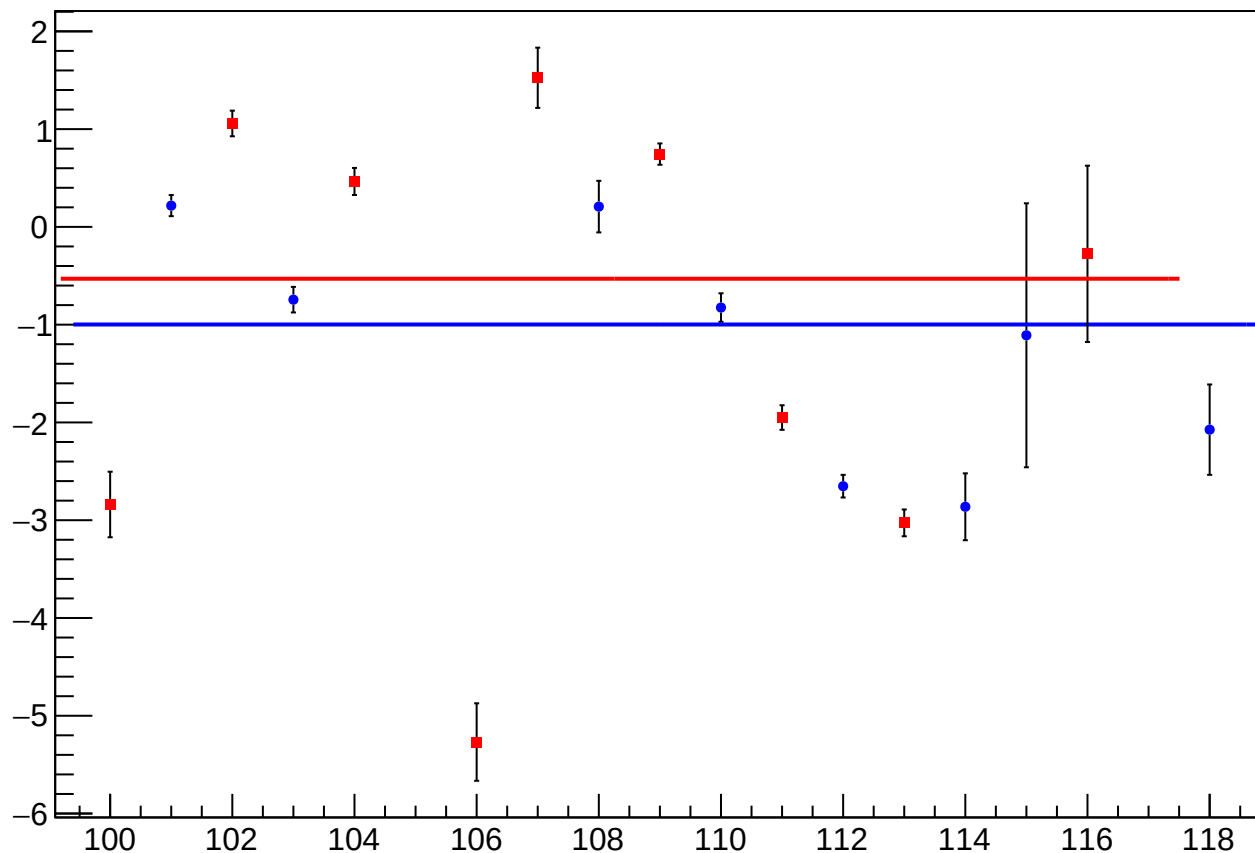
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.376 ± 0.018 $\chi^2/\text{NDF}: 135347.2/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



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: -0.530 ± 0.054 χ^2/NDF : 1029.8/8

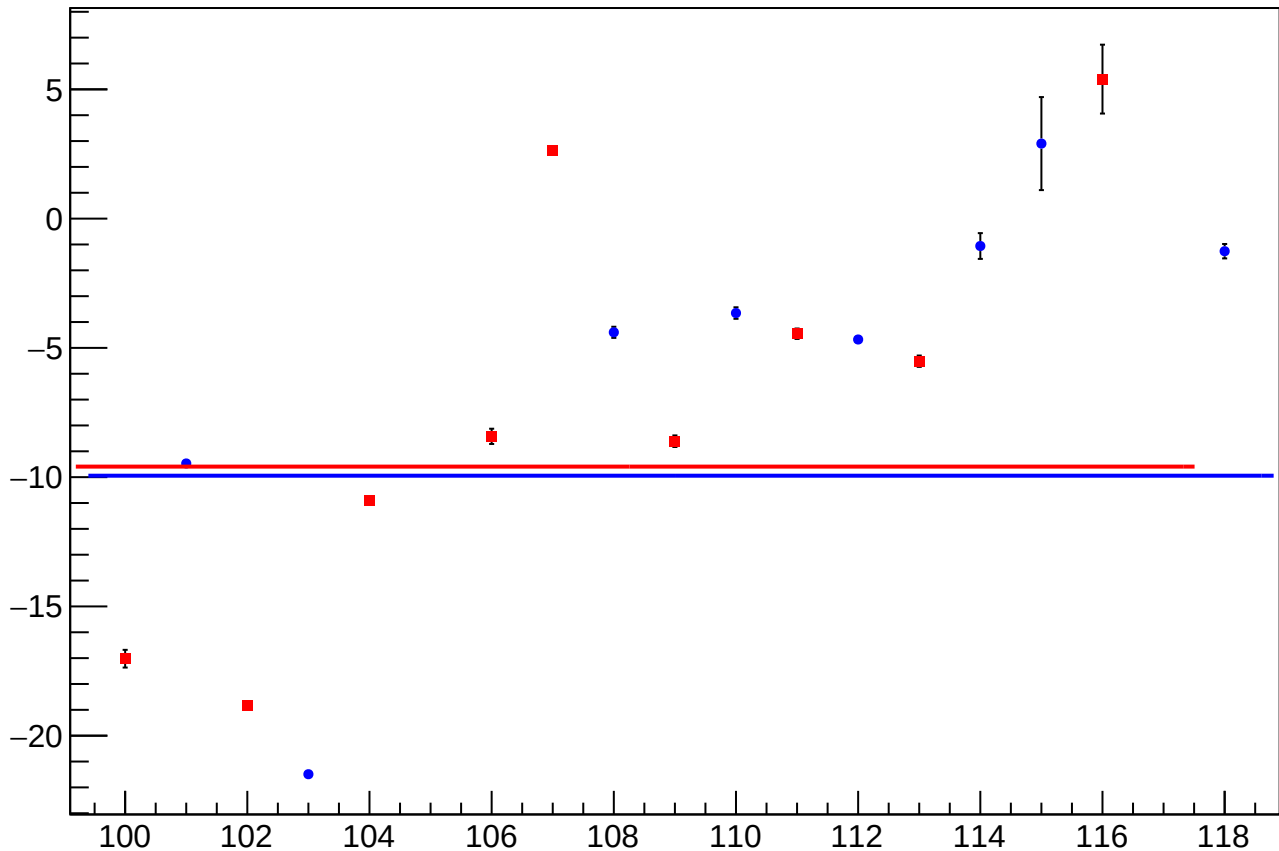
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.748 ± 0.040 χ^2/NDF : 1455.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



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: -9.592+/-0.064 χ^2/NDF : 11230.3/8

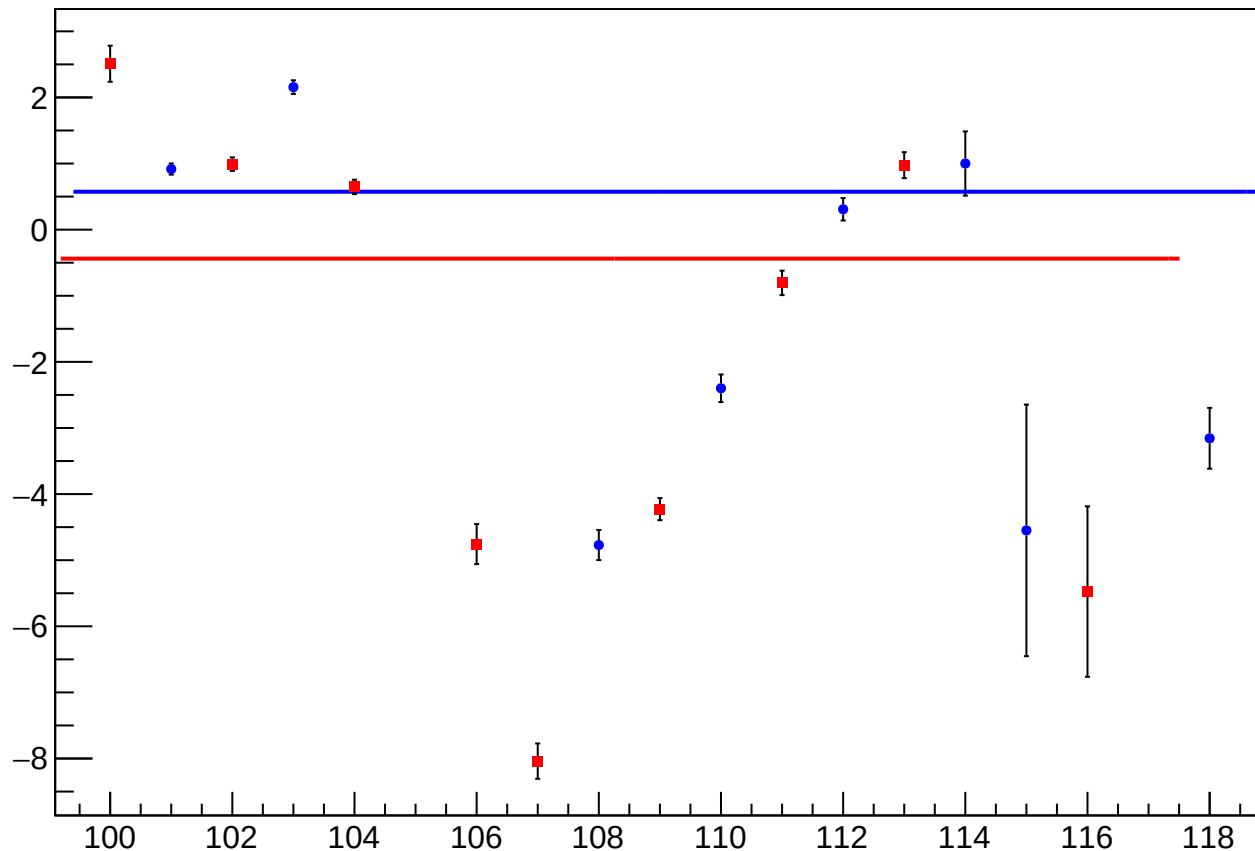
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.775+/-0.044 χ^2/NDF : 21747.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

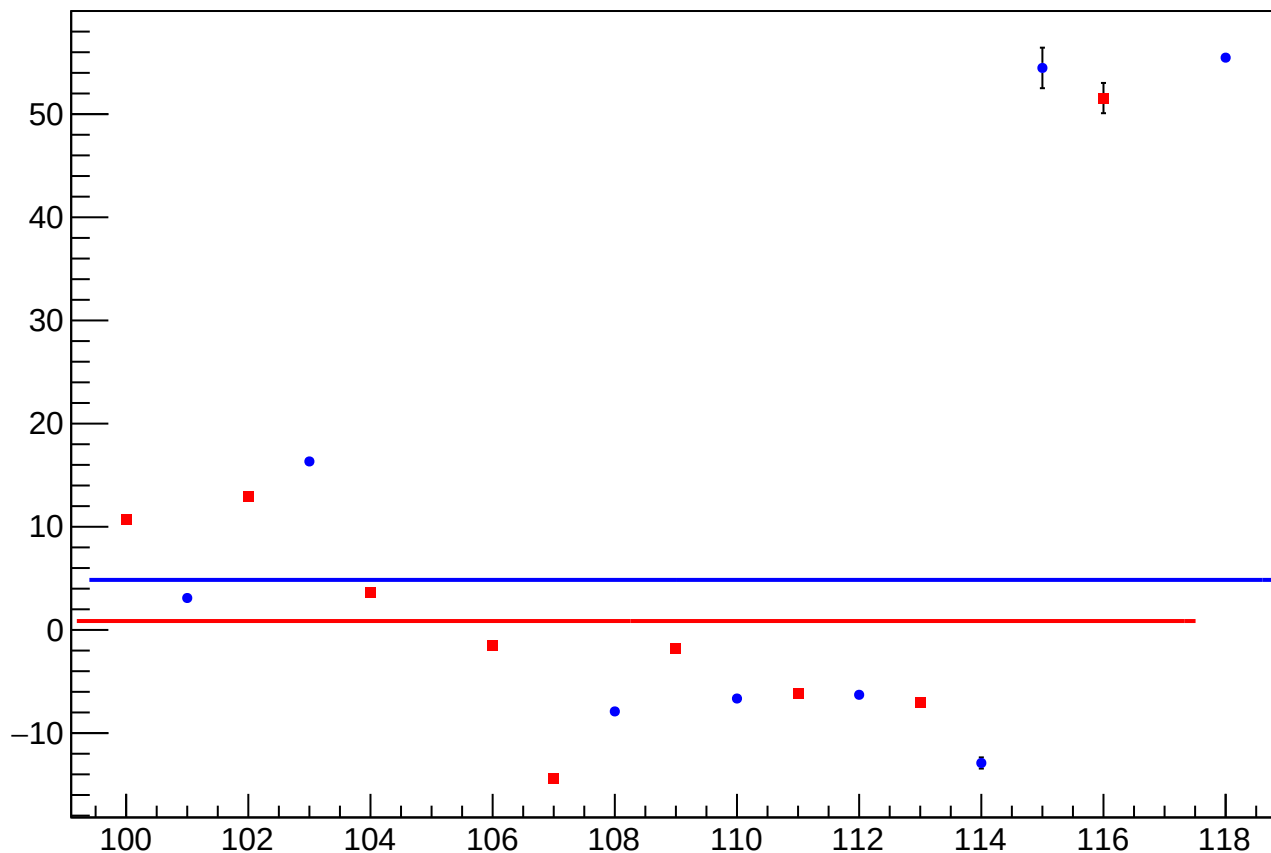
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.574 $\pm$ 0.056 χ^2 /NDF: 1083.6/7
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.438 $\pm$ 0.057 χ^2 /NDF: 2004.0/8
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.078 $\pm$ 0.040 χ^2 /NDF: 3248.5/16
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 4.850 $\pm$ 0.074 χ^2 /NDF: 33398.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.863 $\pm$ 0.076 χ^2 /NDF: 14520.9/8

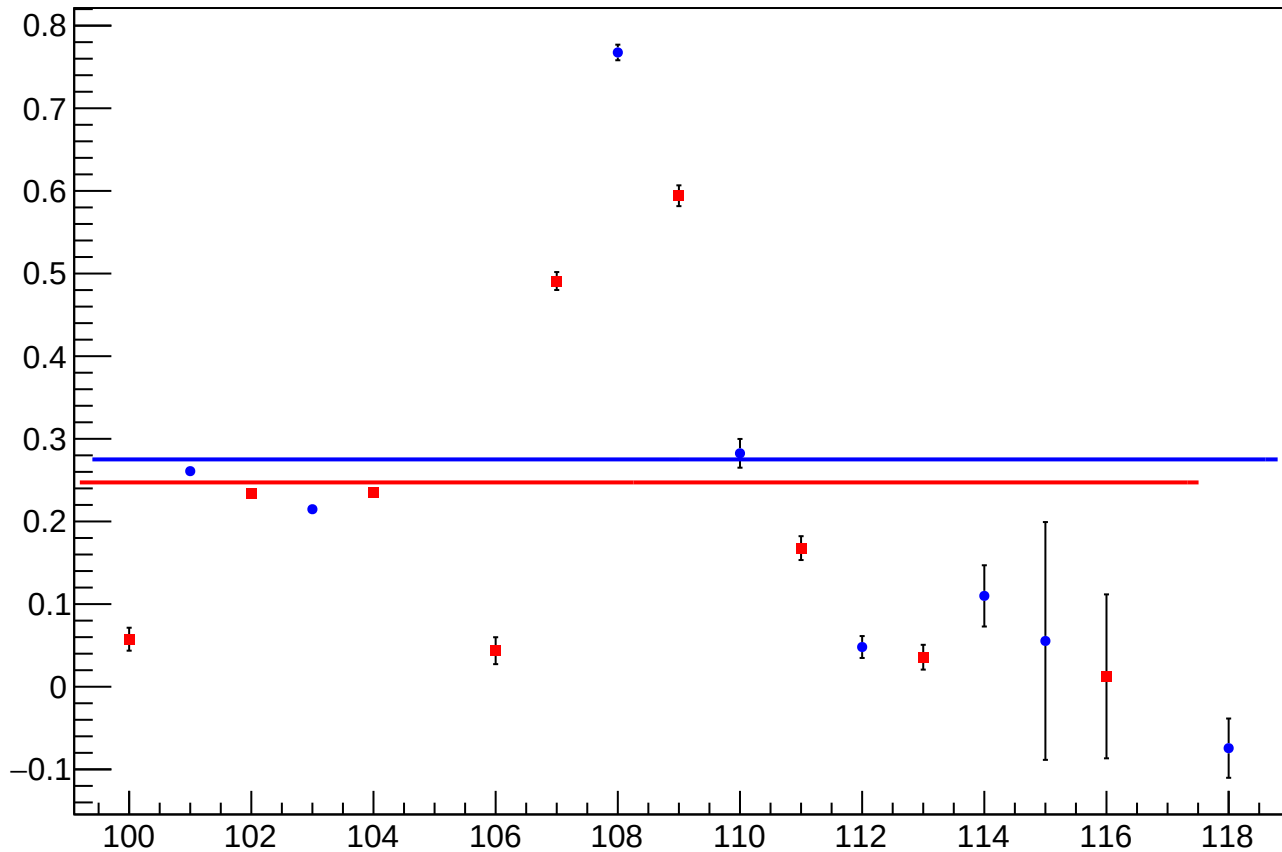
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.898 $\pm$ 0.053 χ^2 /NDF: 49326.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



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: 0.247+/-0.003 χ^2/NDF : 1857.5/8

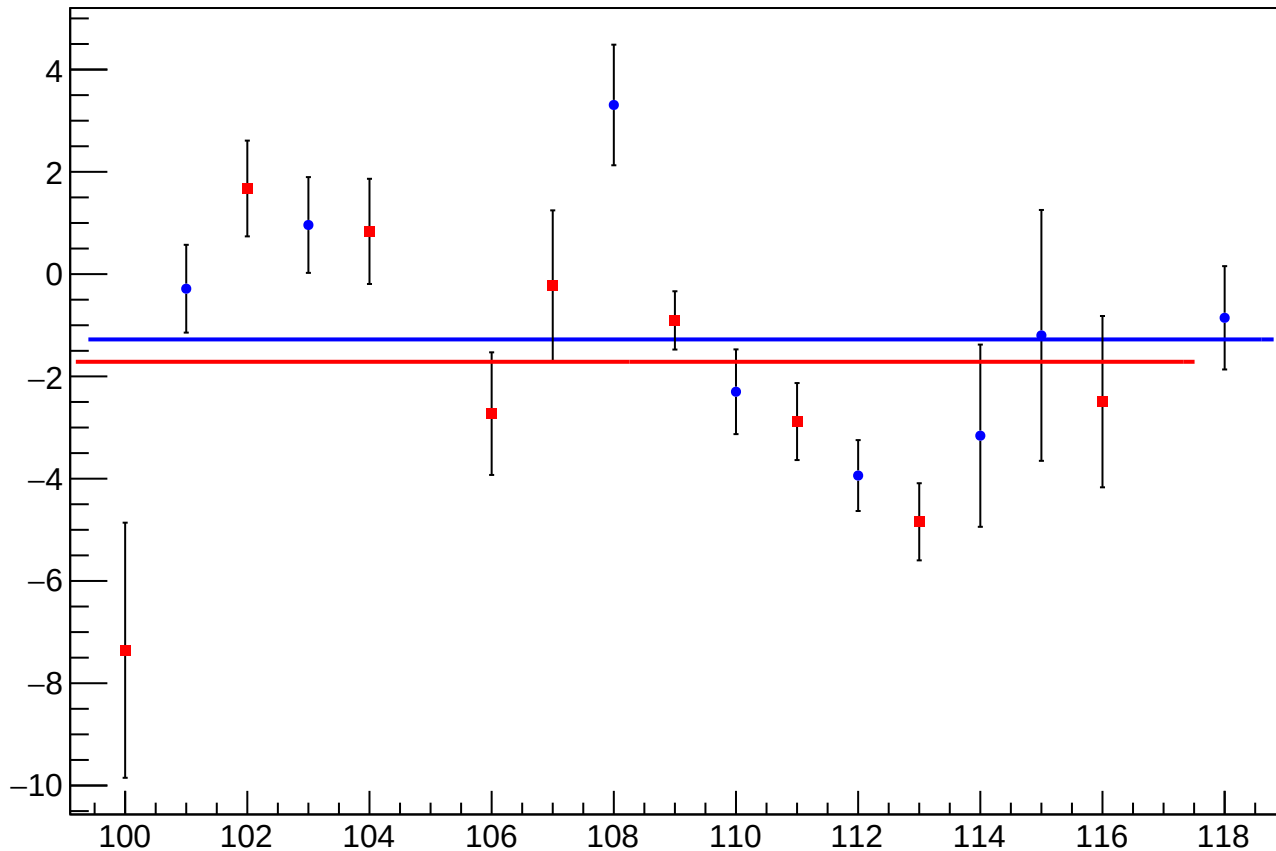
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.261+/-0.002 χ^2/NDF : 5248.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -1.277 $\pm$ 0.349 χ^2 /NDF: 39.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.714 $\pm$ 0.311 χ^2 /NDF: 47.9/8

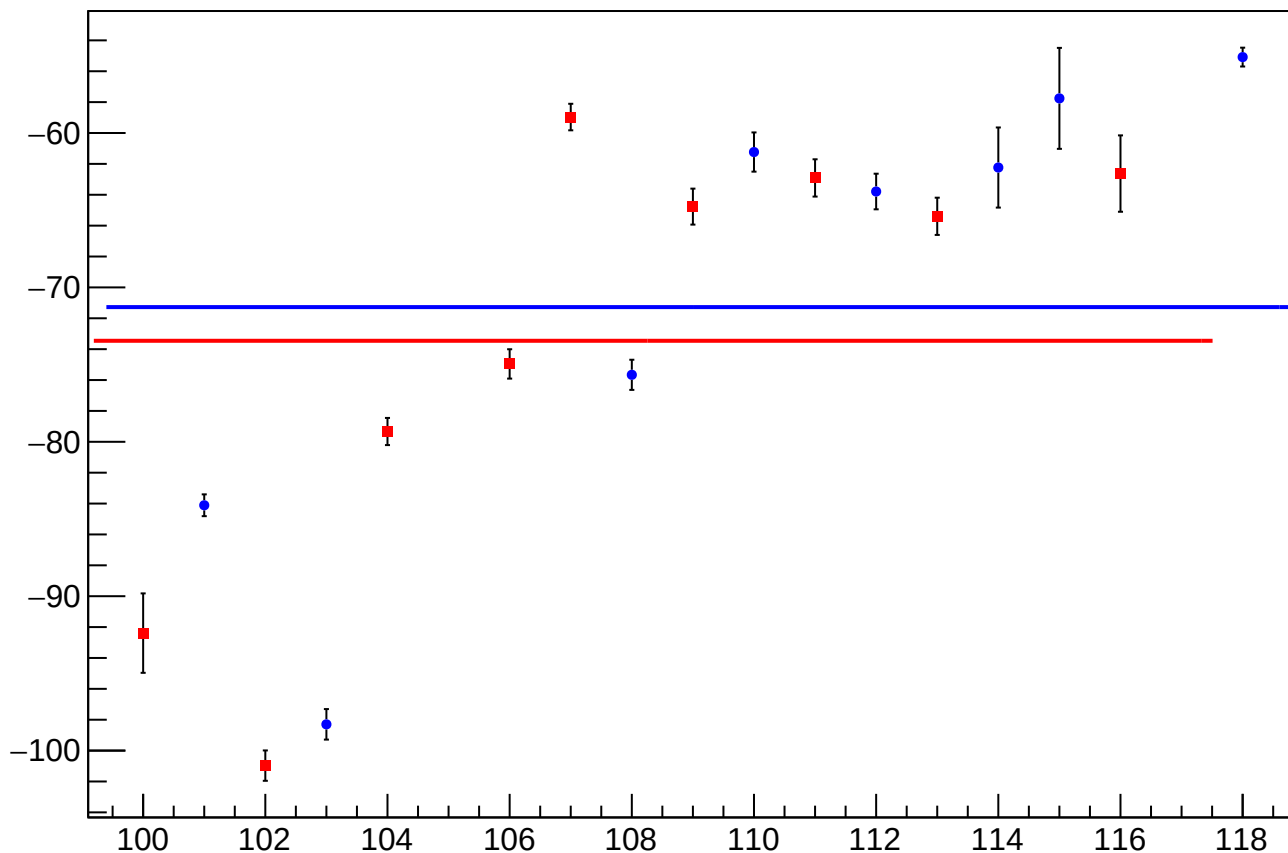
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.521 $\pm$ 0.232 χ^2 /NDF: 88.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



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: -73.457 $\pm$ 0.372 χ^2 /NDF: 1364.9/8

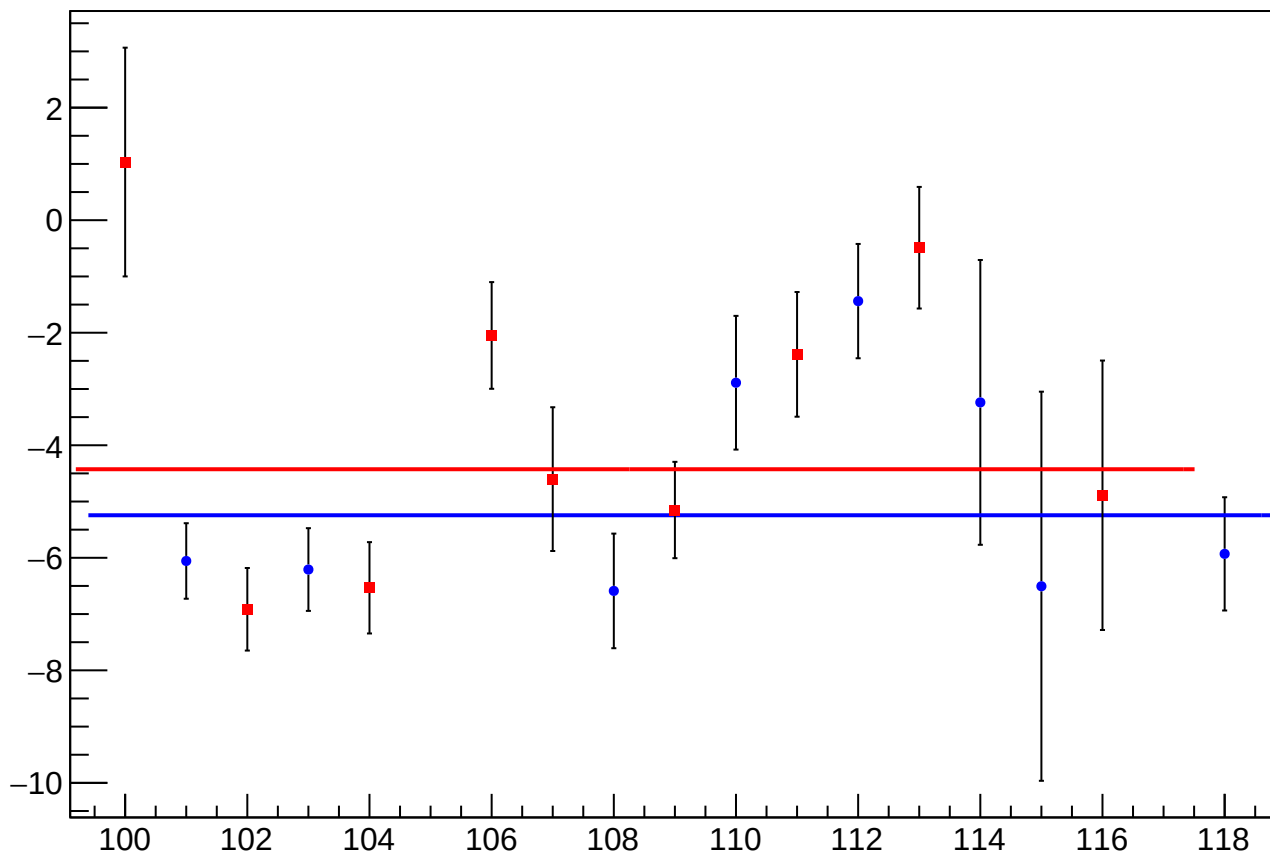
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -72.285 $\pm$ 0.253 χ^2 /NDF: 3319.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



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: -4.426 ± 0.342 χ^2/NDF : 49.2/8

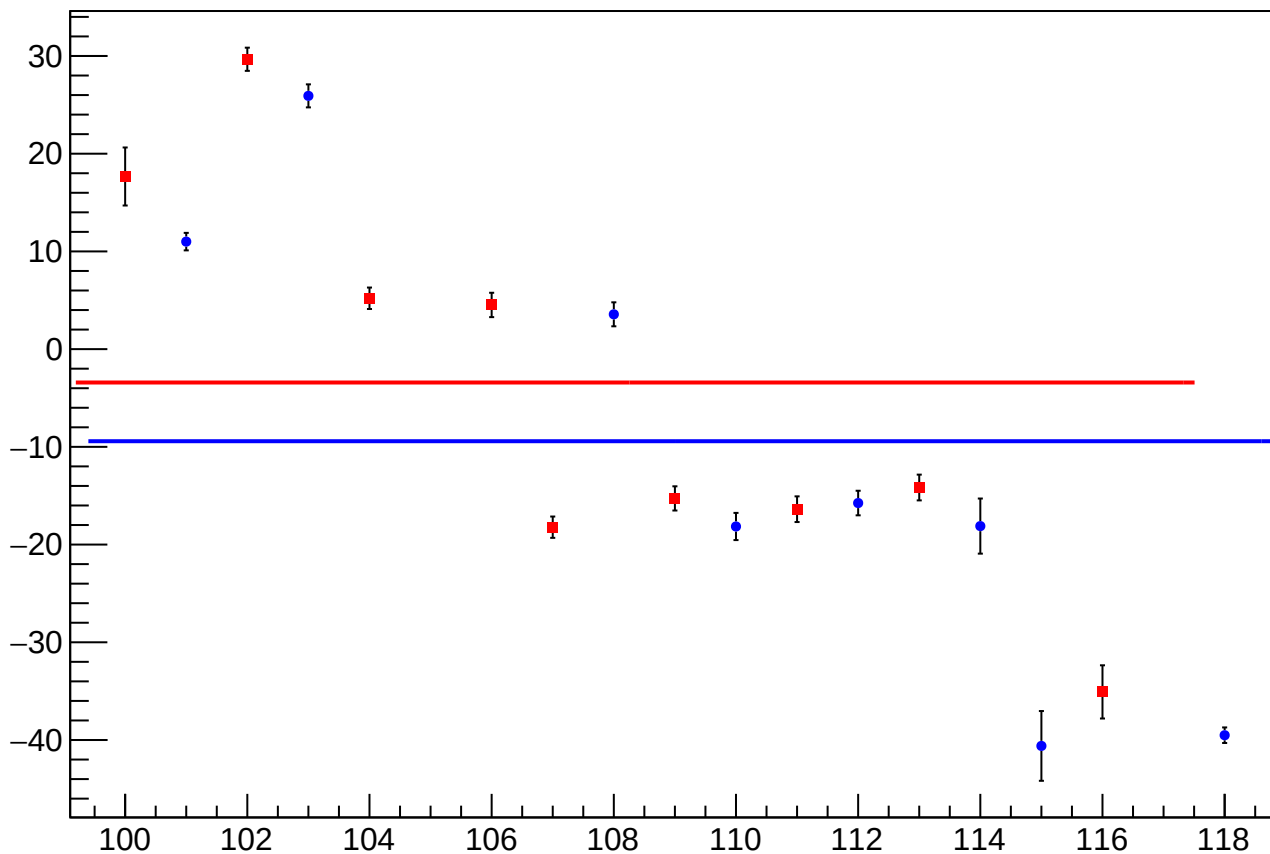
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.820 ± 0.246 χ^2/NDF : 76.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



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: -3.415+/-0.444 χ^2/NDF : 1505.1/8

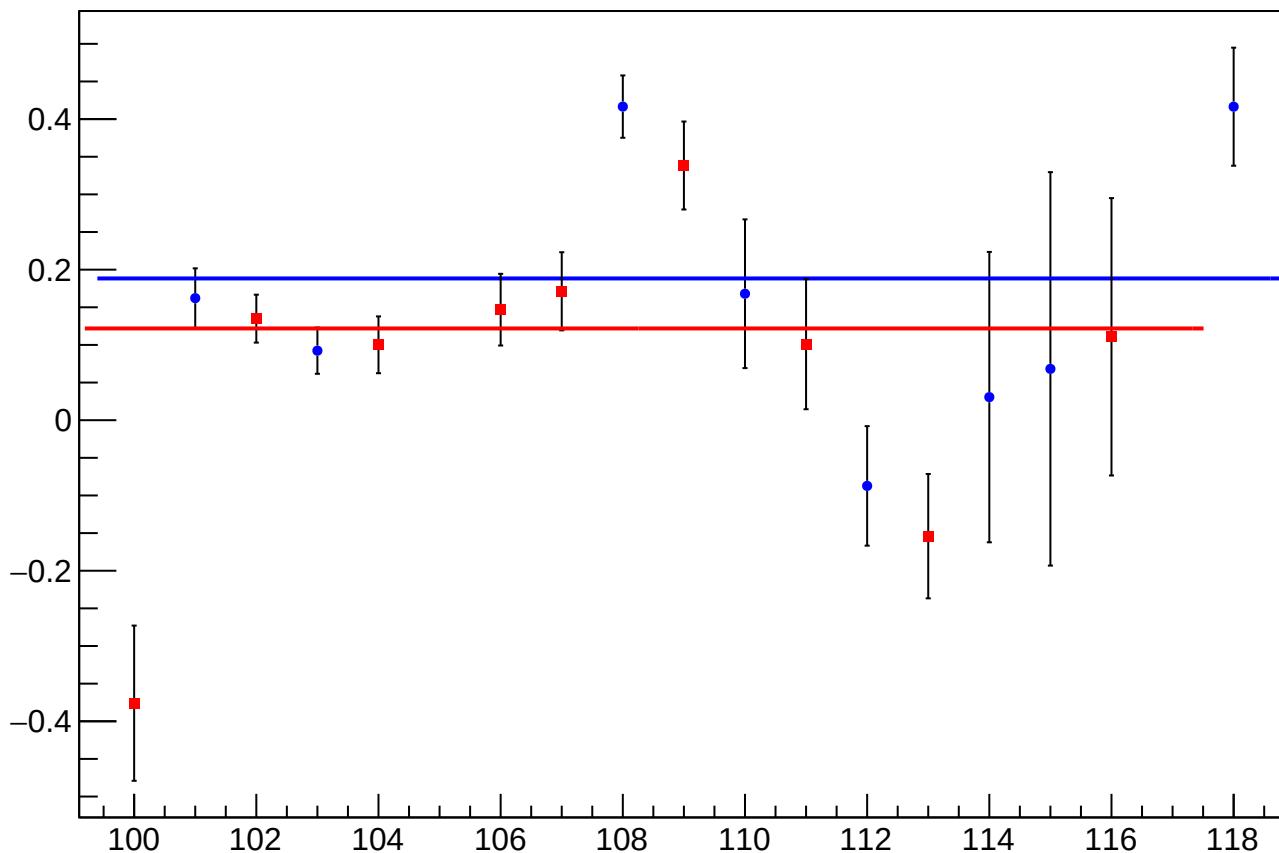
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.556+/-0.307 χ^2/NDF : 4711.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.188 $\pm$ 0.019 χ^2 /NDF: 62.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.122 $\pm$ 0.018 χ^2 /NDF: 49.9/8

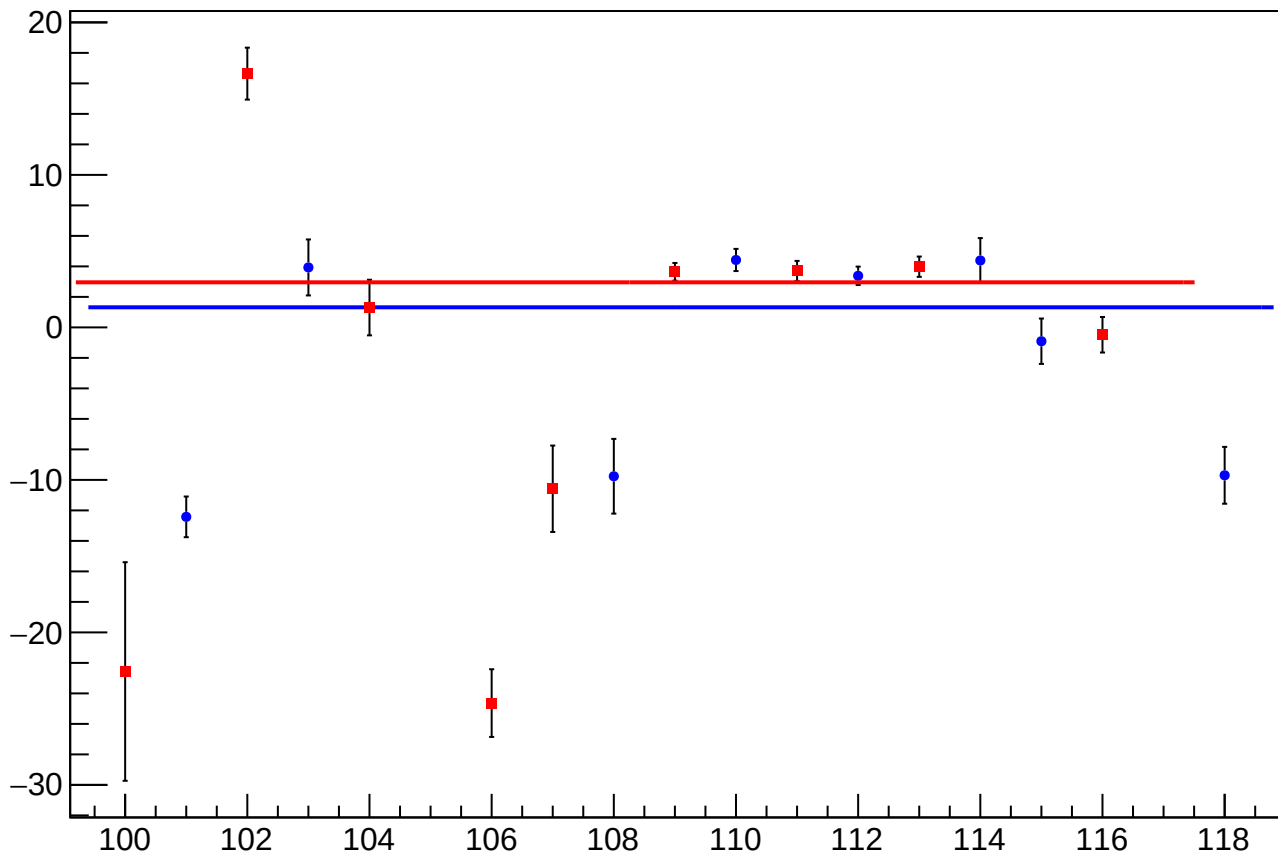
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.153 $\pm$ 0.013 χ^2 /NDF: 118.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: 1.317 $\pm$ 0.382 χ^2 /NDF: 200.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.956 $\pm$ 0.328 χ^2 /NDF: 269.3/8

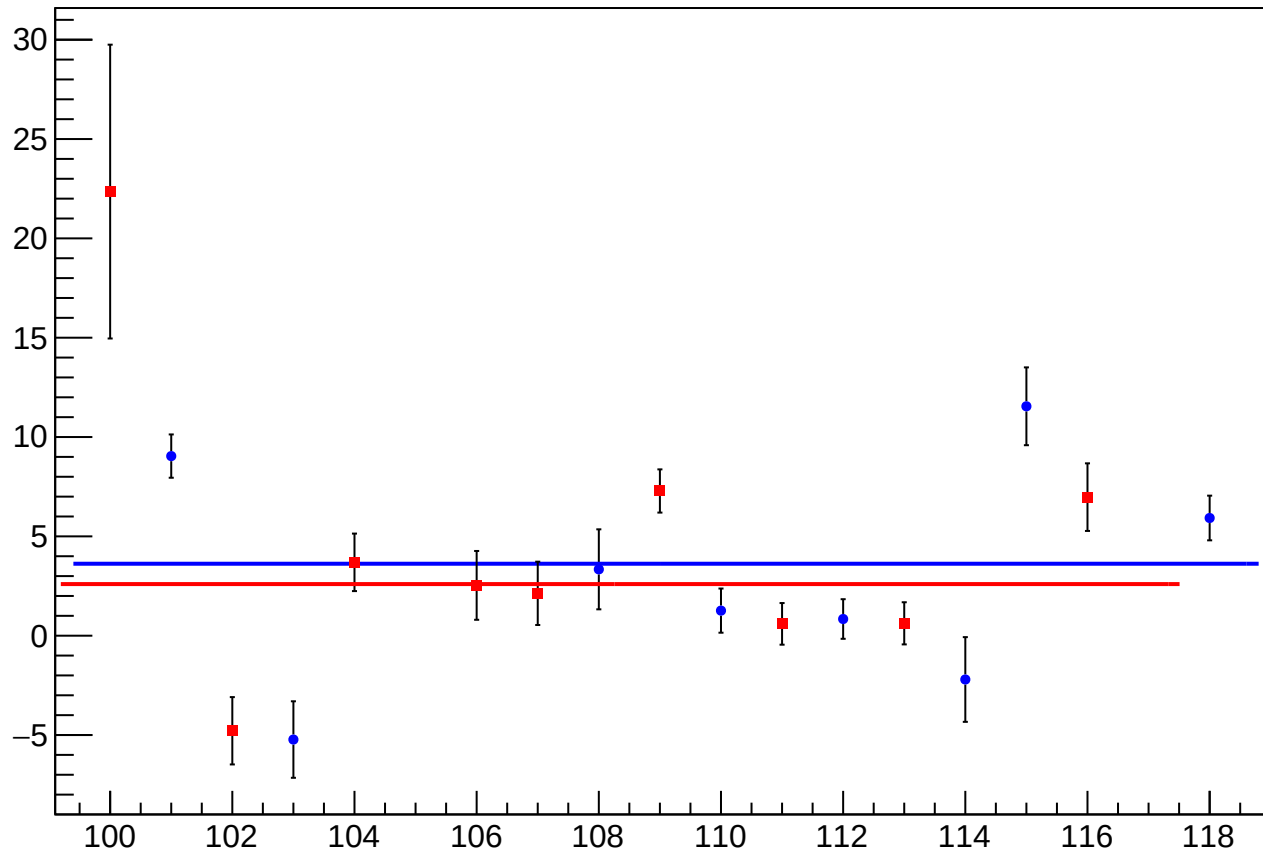
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.259 $\pm$ 0.249 χ^2 /NDF: 480.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.622 $\pm$ 0.474 χ^2 /NDF: 86.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.598 $\pm$ 0.468 χ^2 /NDF: 59.1/8

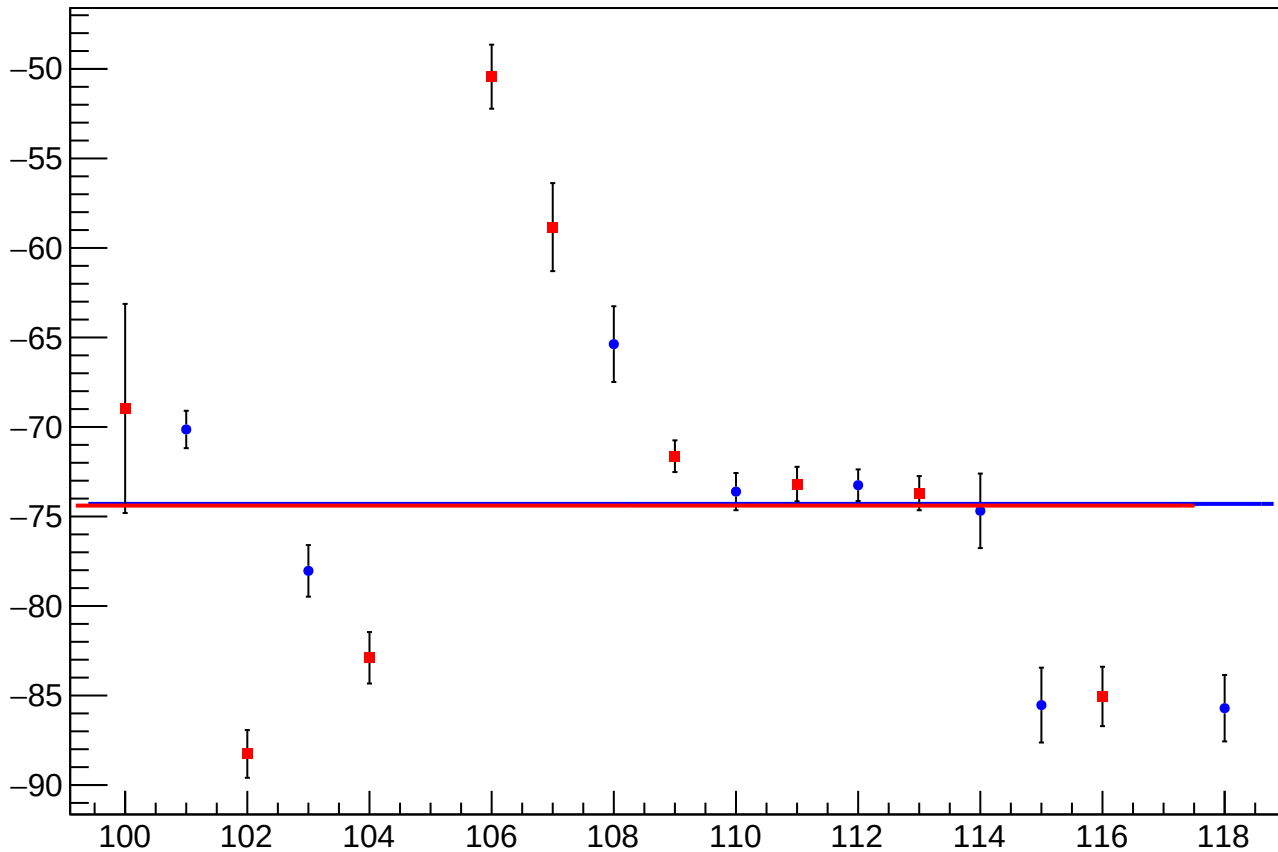
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.104 $\pm$ 0.333 χ^2 /NDF: 147.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



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: -74.391 $\pm$ 0.432 χ^2 /NDF: 416.4/8

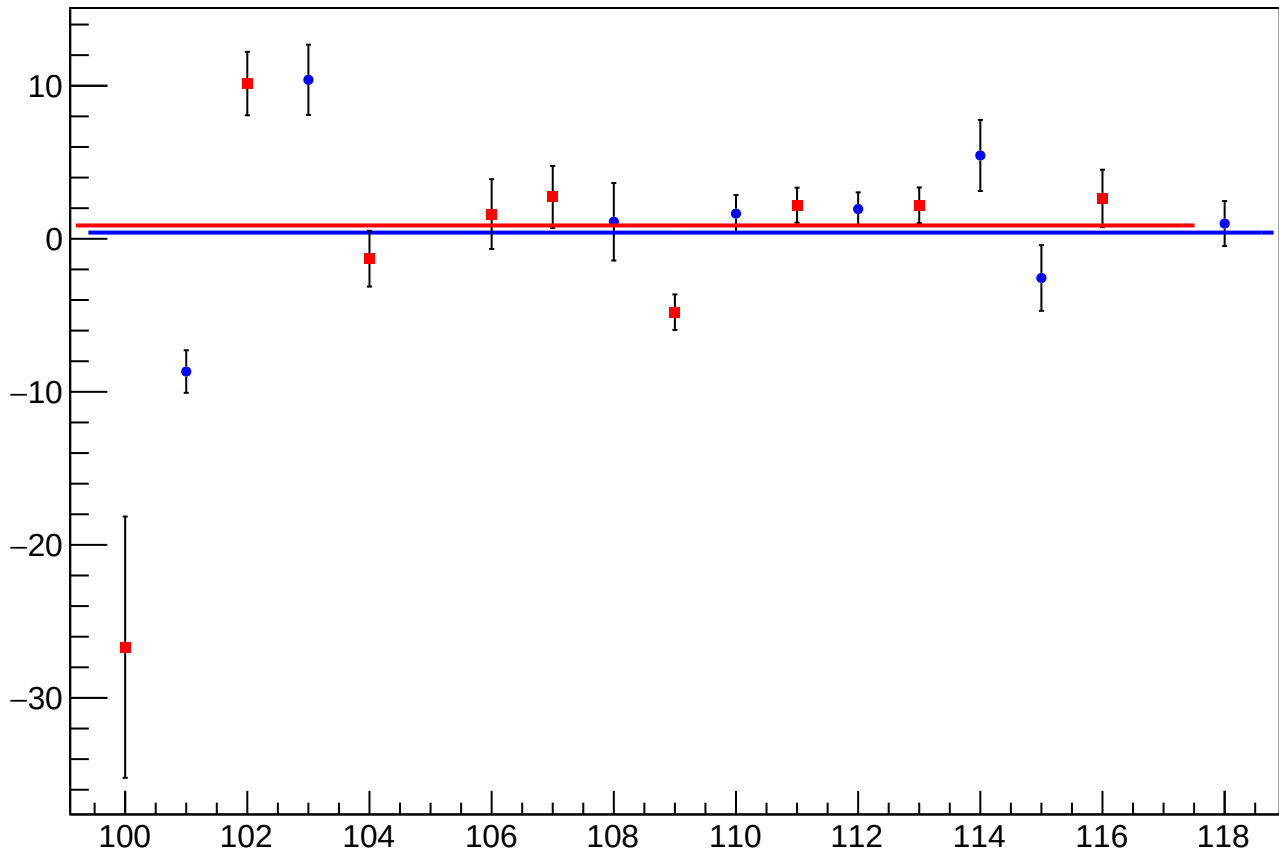
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -74.347 $\pm$ 0.317 χ^2 /NDF: 525.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 0.405 $\pm$ 0.555 χ^2 /NDF: 71.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.871 $\pm$ 0.533 χ^2 /NDF: 60.2/8

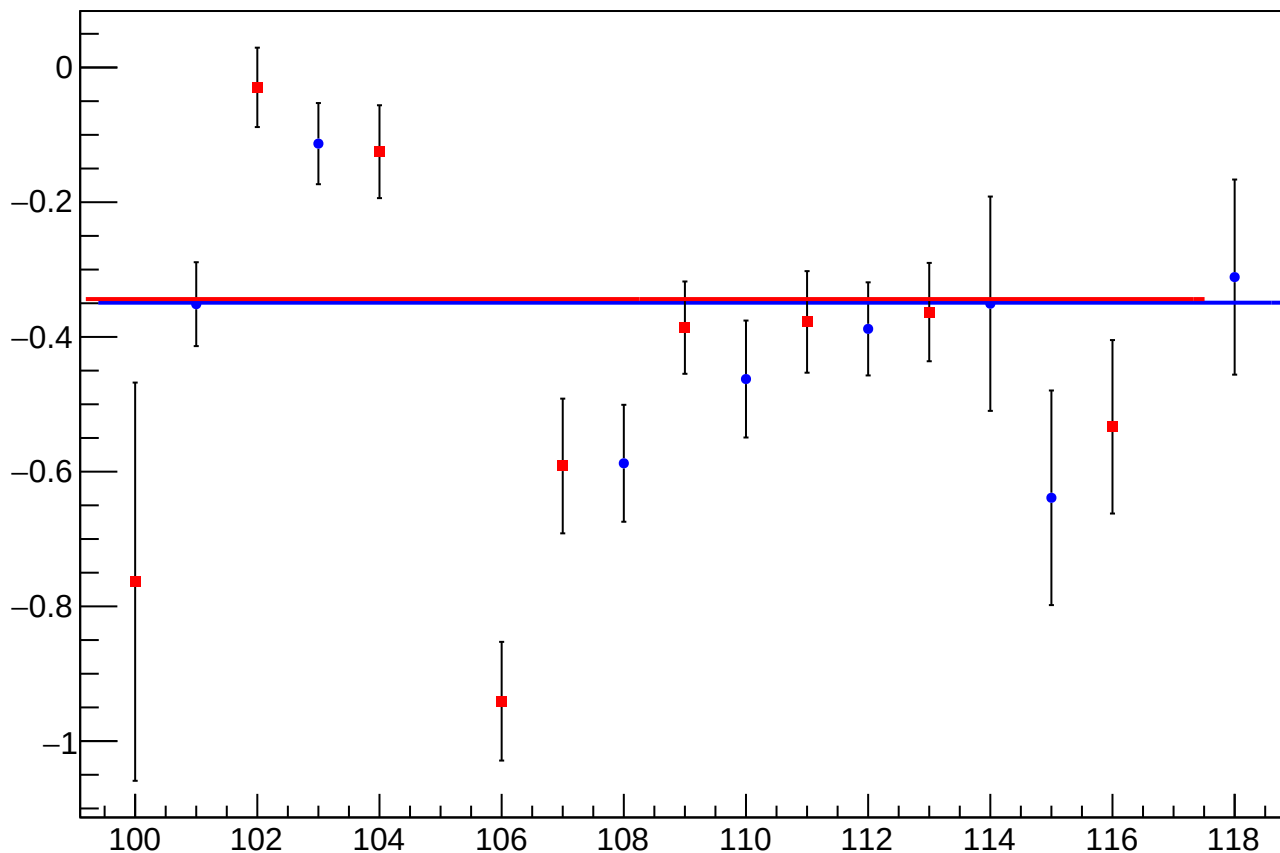
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.648 $\pm$ 0.385 χ^2 /NDF: 131.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



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 : 95.4/8

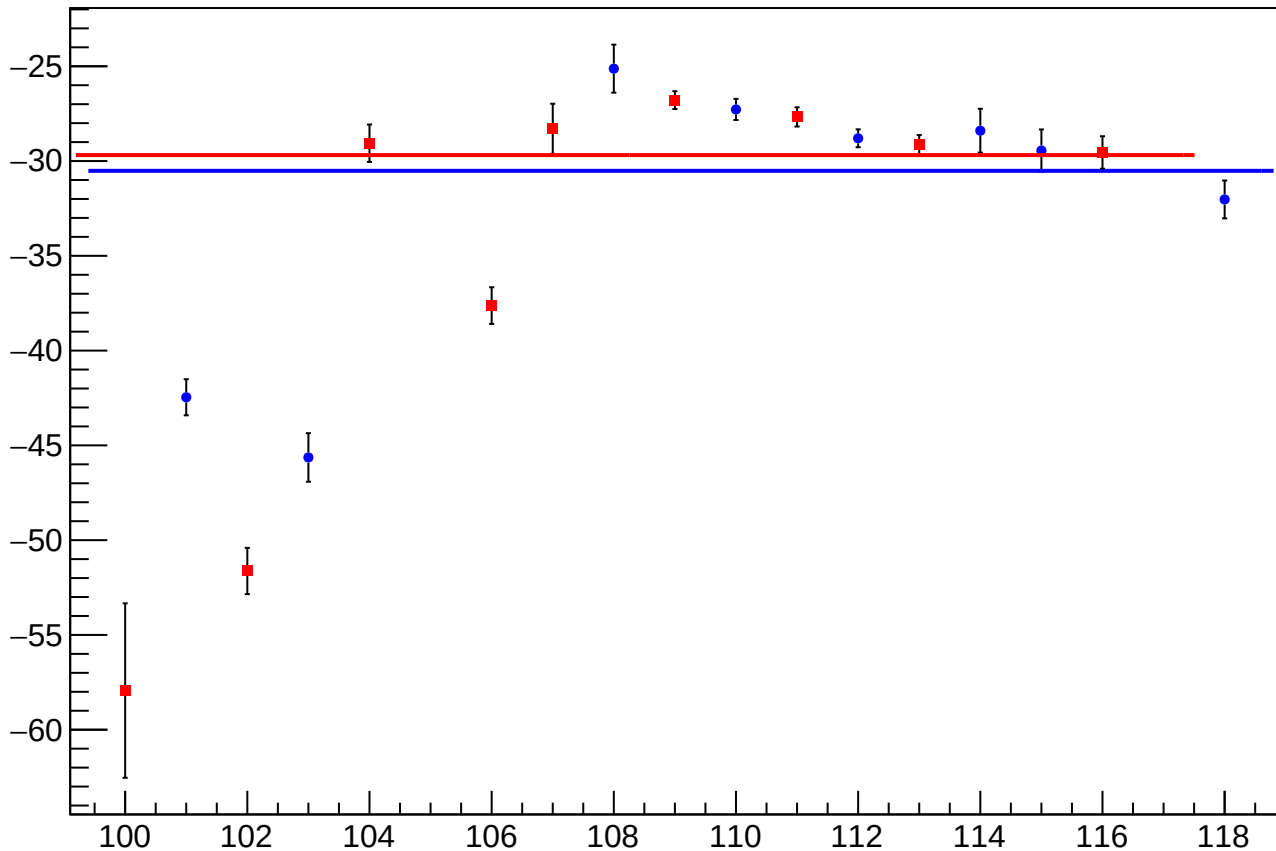
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.346+/-0.020 χ^2/NDF : 123.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -30.516 ± 0.282 $\chi^2/\text{NDF}: 368.4/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.685 ± 0.244 $\chi^2/\text{NDF}: 485.1/8$

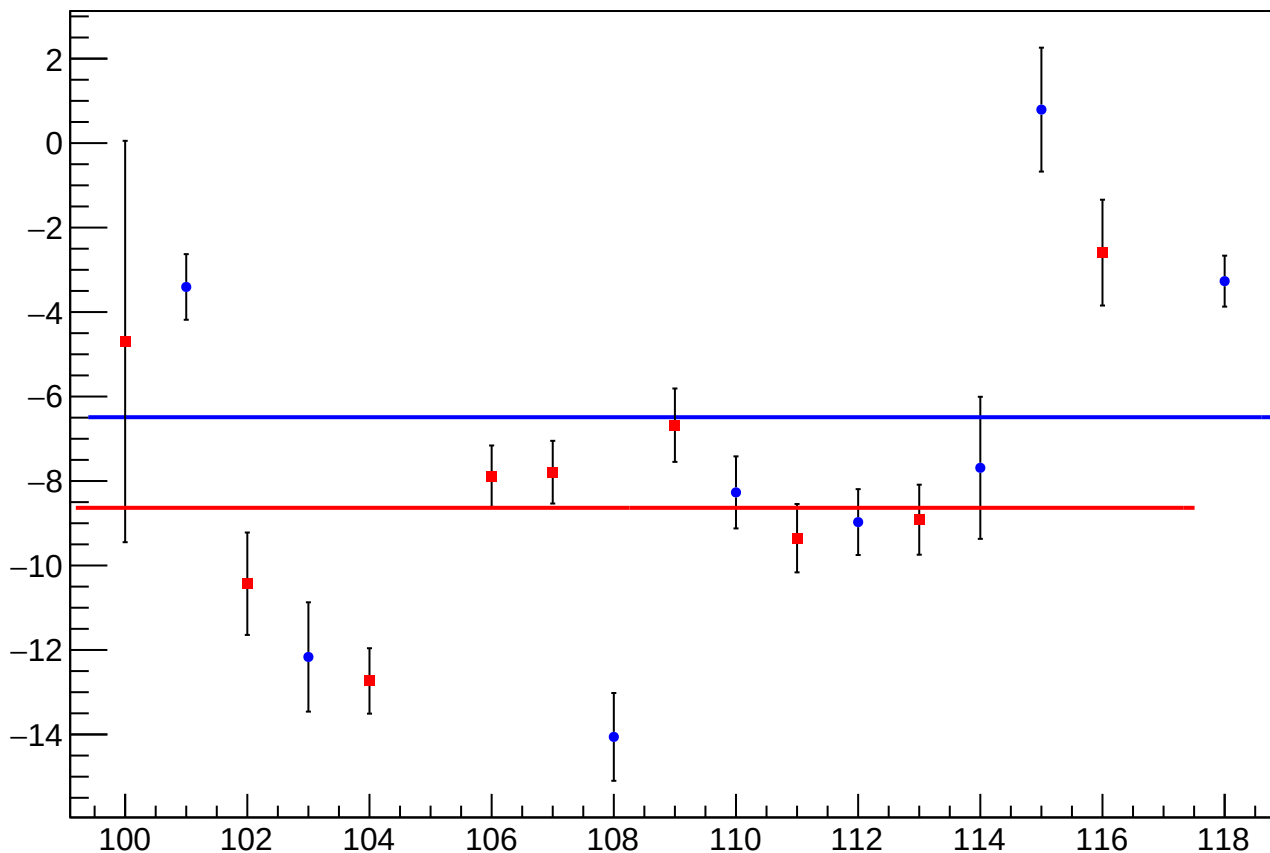
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.040 ± 0.184 $\chi^2/\text{NDF}: 858.5/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -6.489 $\pm$ 0.320 χ^2 /NDF: 156.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.635 $\pm$ 0.301 χ^2 /NDF: 62.5/8

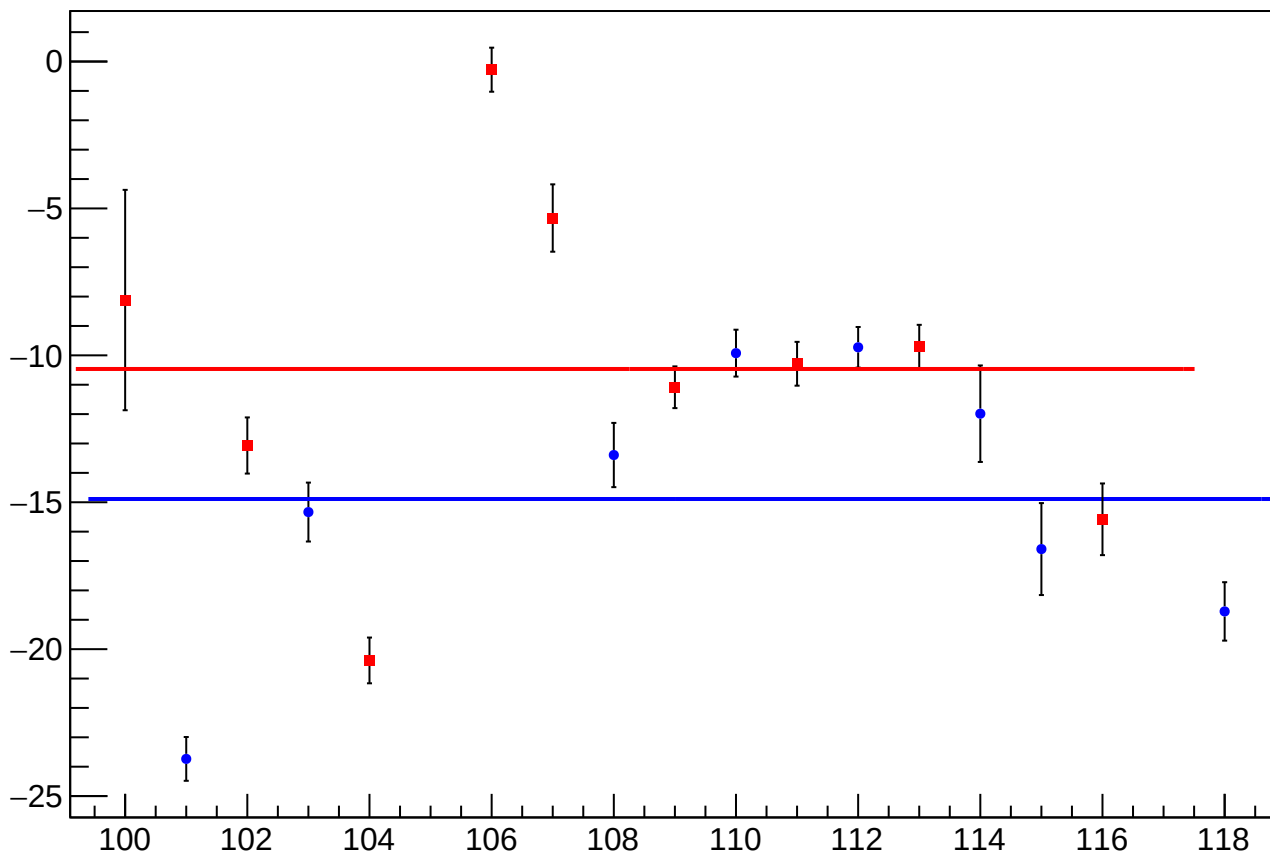
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.628 $\pm$ 0.219 χ^2 /NDF: 242.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



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: -10.464 ± 0.293 χ^2/NDF : 394.2/8

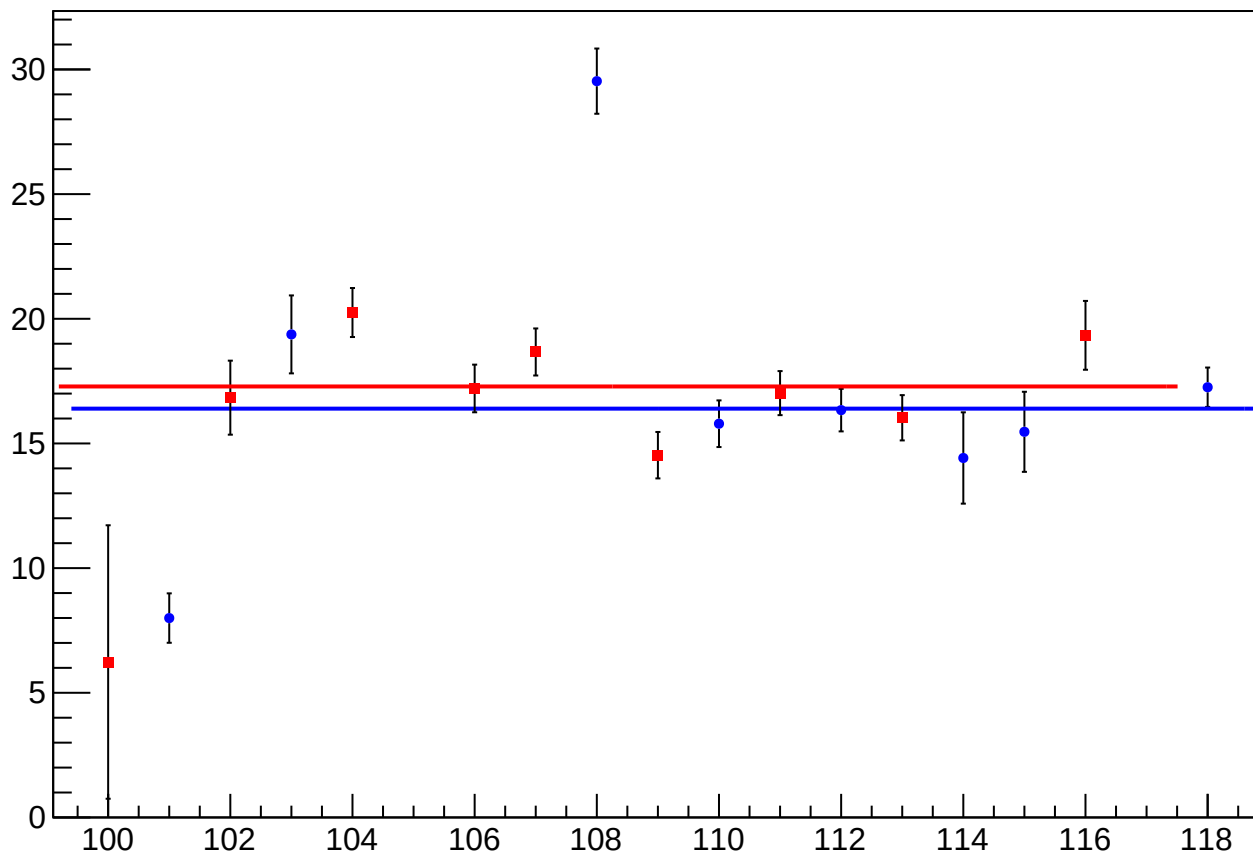
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.407 ± 0.220 χ^2/NDF : 750.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



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: 17.286+/-0.355 χ^2 /NDF: 28.4/8

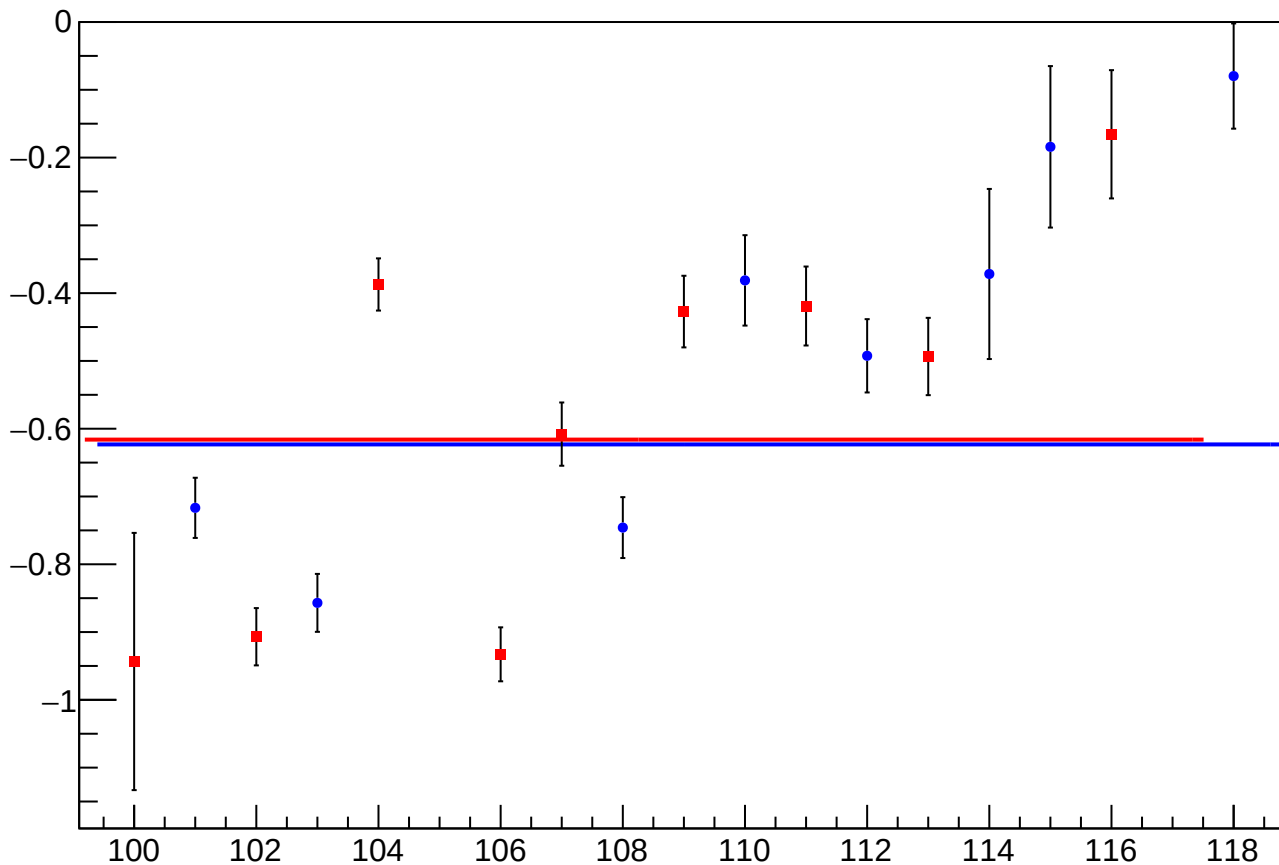
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 16.874+/-0.261 χ^2 /NDF: 210.6/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



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: -0.616+/-0.017 χ^2/NDF : 200.5/8

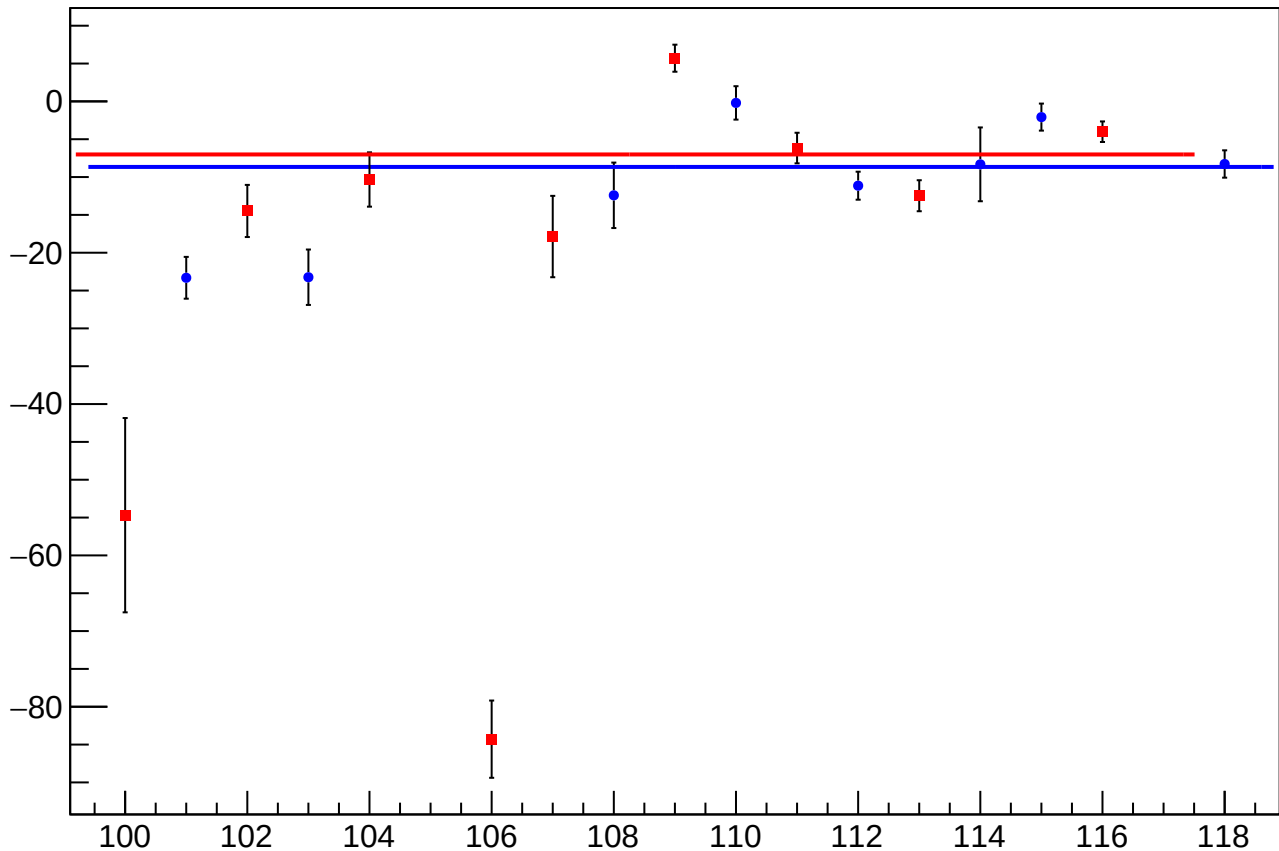
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.619+/-0.013 χ^2/NDF : 328.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



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: -7.014+/-0.796 χ^2 /NDF: 315.4/8

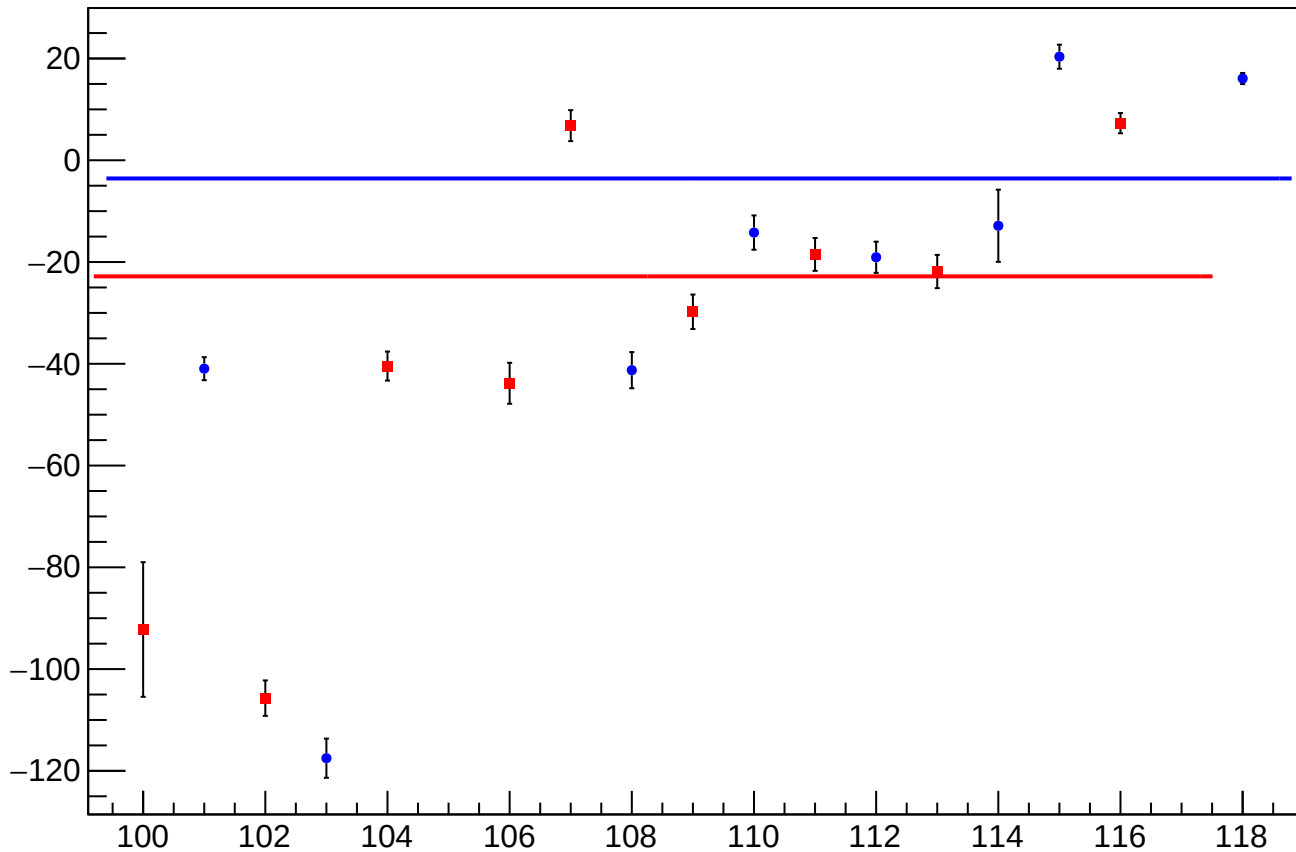
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7.794+/-0.578 χ^2 /NDF: 392.3/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: -3.576+/-0.797 χ^2 /NDF: 1725.7/7

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -22.820+/-1.049 χ^2 /NDF: 989.6/8

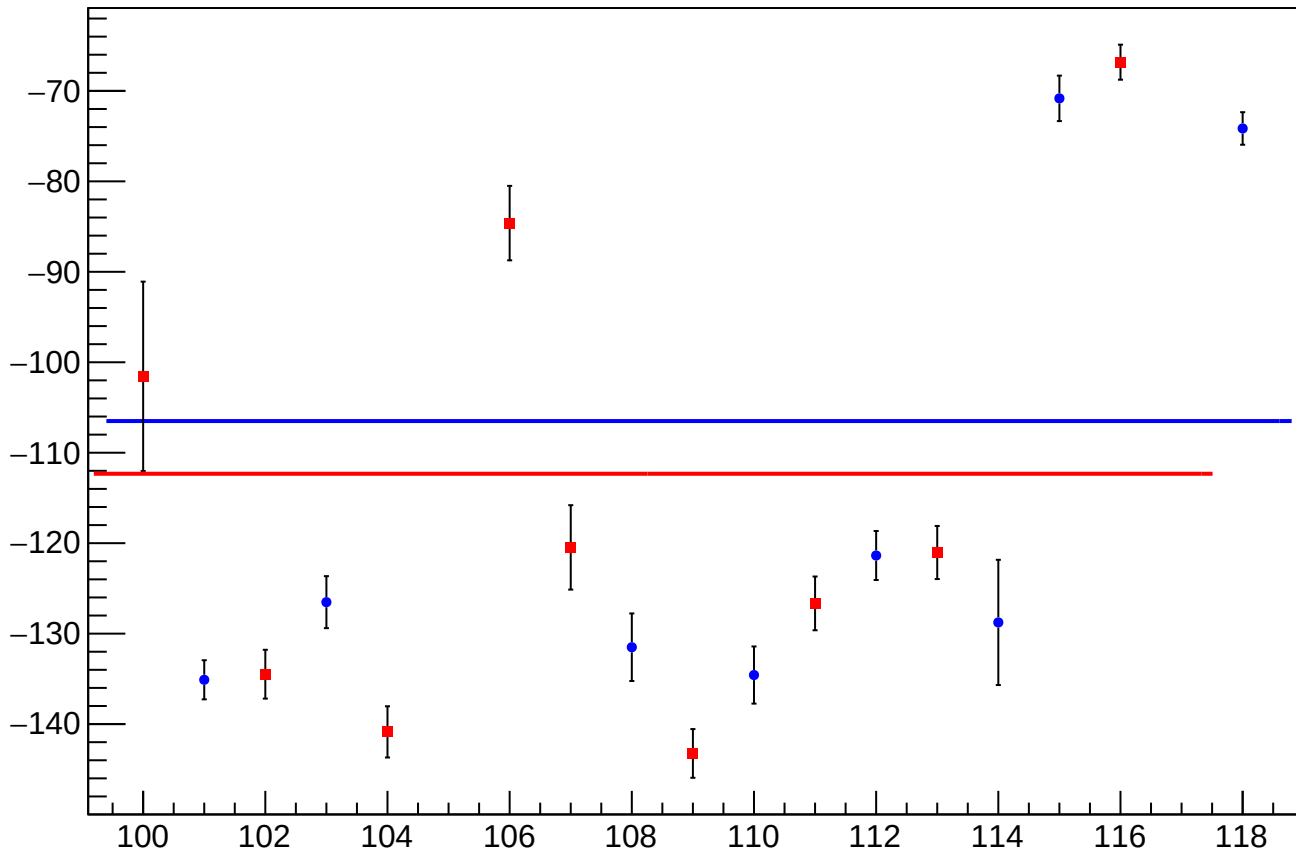
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -10.618+/-0.634 χ^2 /NDF: 2928.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



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: -112.326+/-0.995 χ^2/NDF : 934.7/8

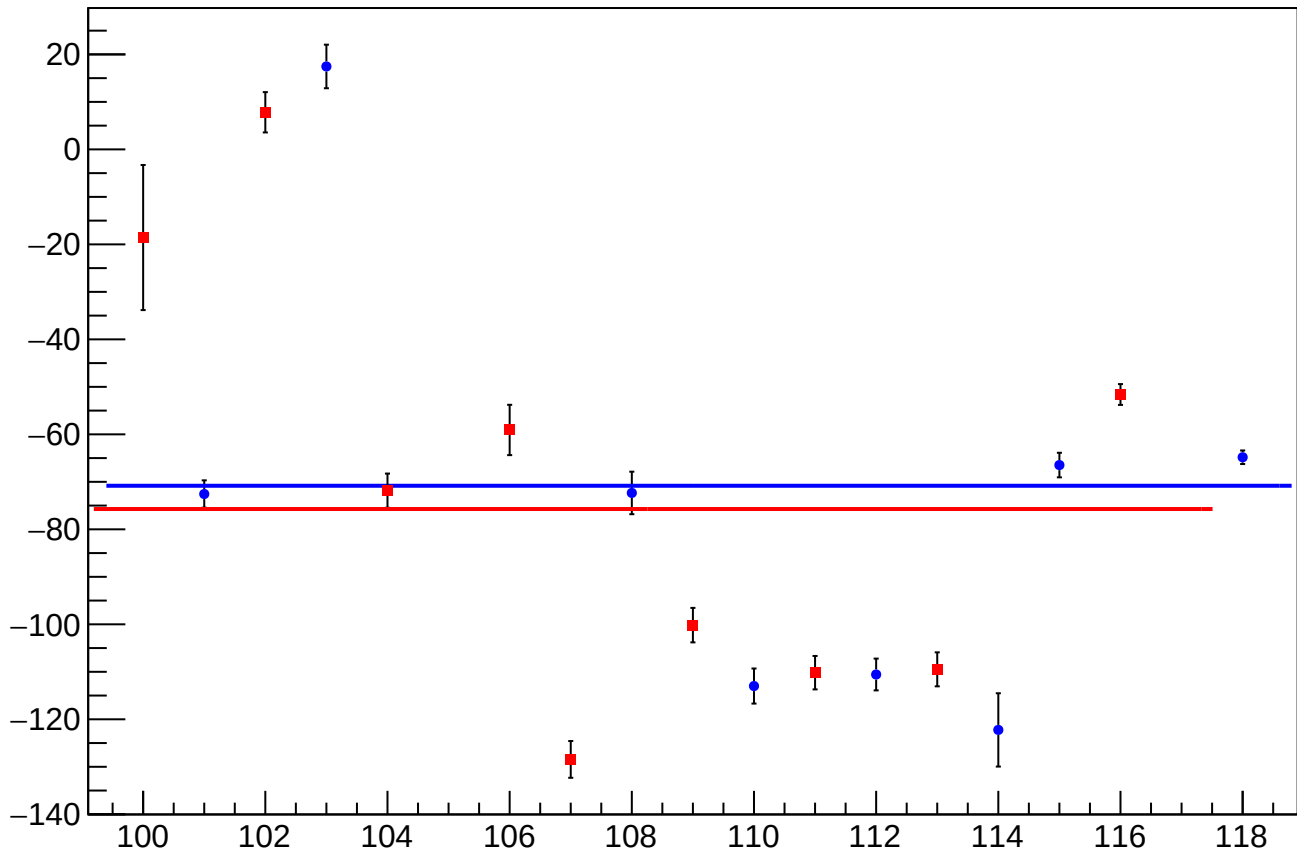
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.248+/-0.683 χ^2/NDF : 1865.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -70.825 ± 0.982 χ^2/NDF : 707.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -75.722 ± 1.211 χ^2/NDF : 949.1/8

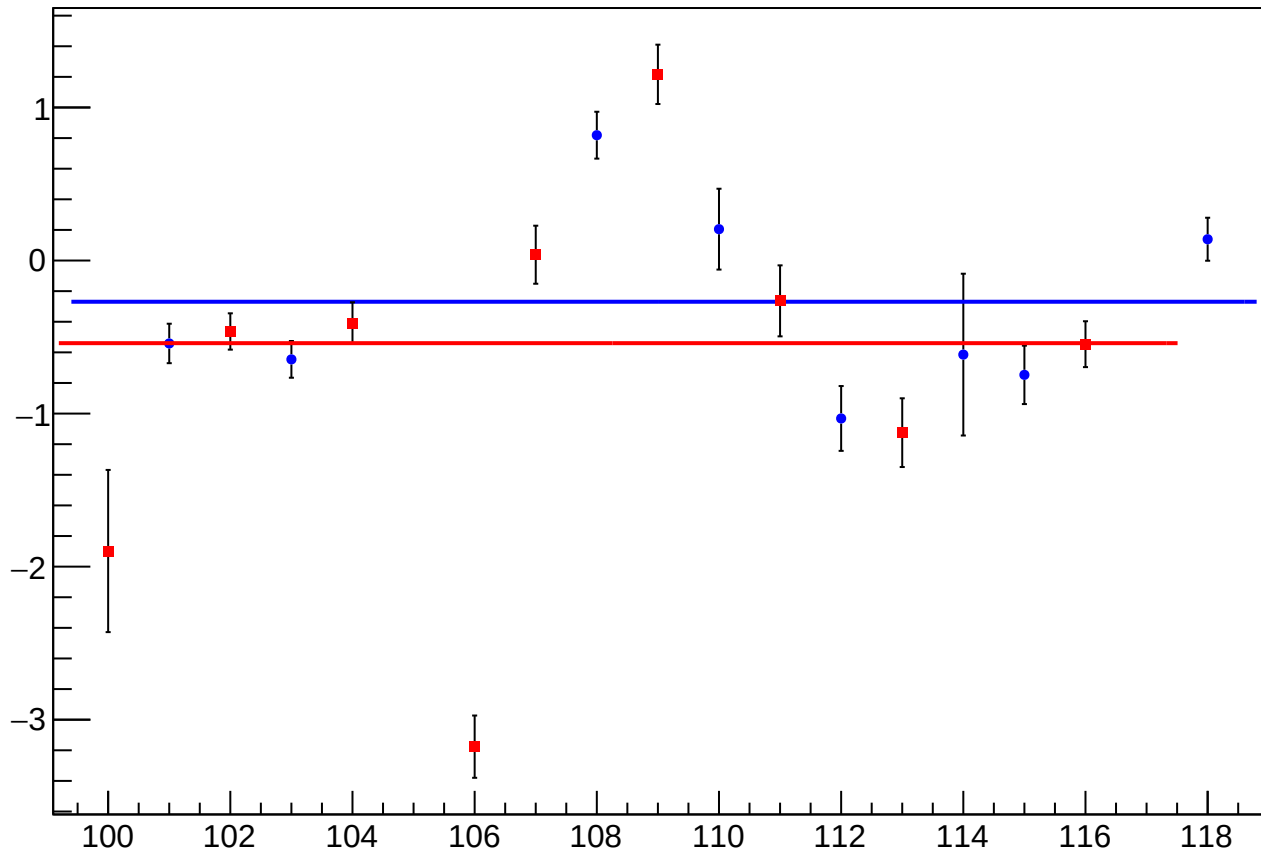
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.768 ± 0.763 χ^2/NDF : 1665.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



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: -0.540 ± 0.059 χ^2/NDF : 275.4/8

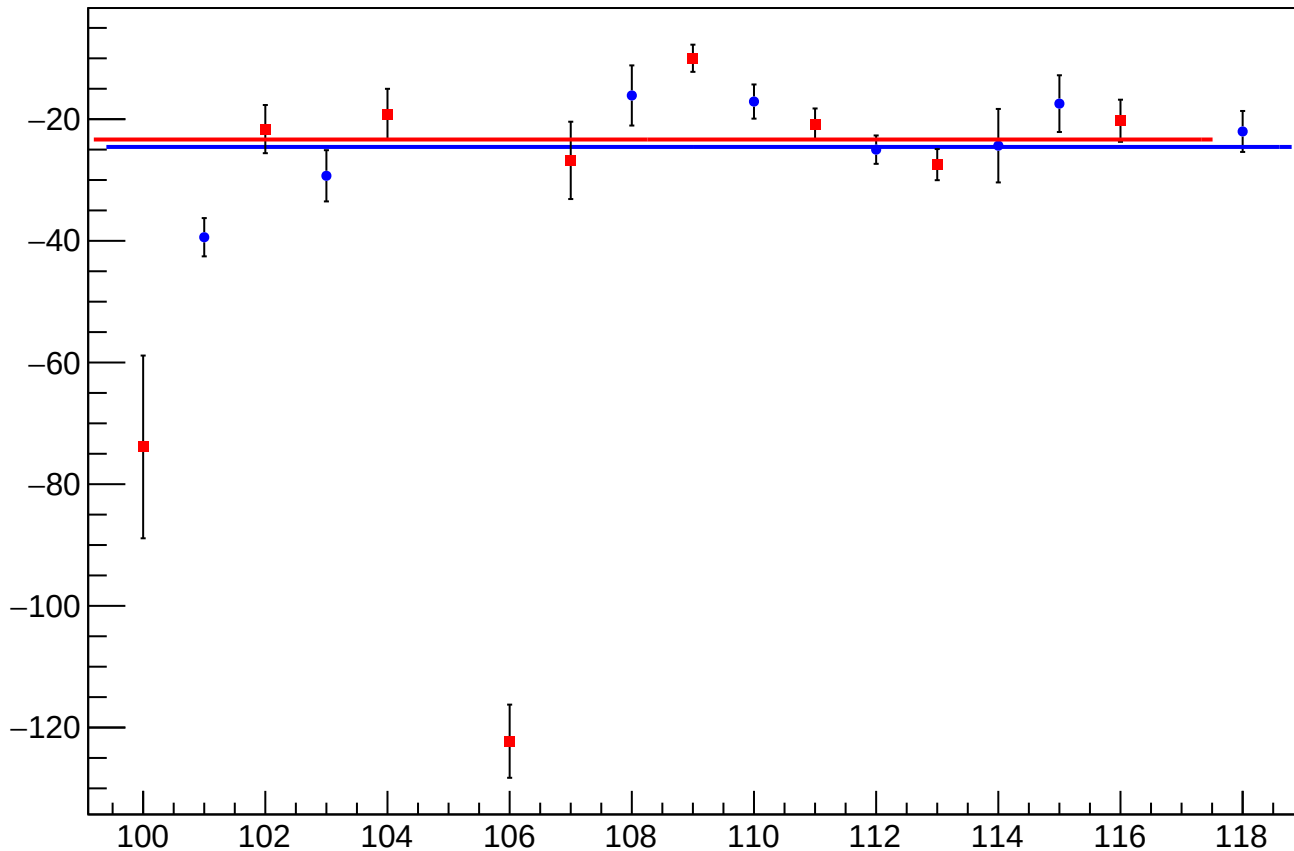
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.404 ± 0.041 χ^2/NDF : 382.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



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: -23.343 ± 1.142 χ^2/NDF : 323.4/8

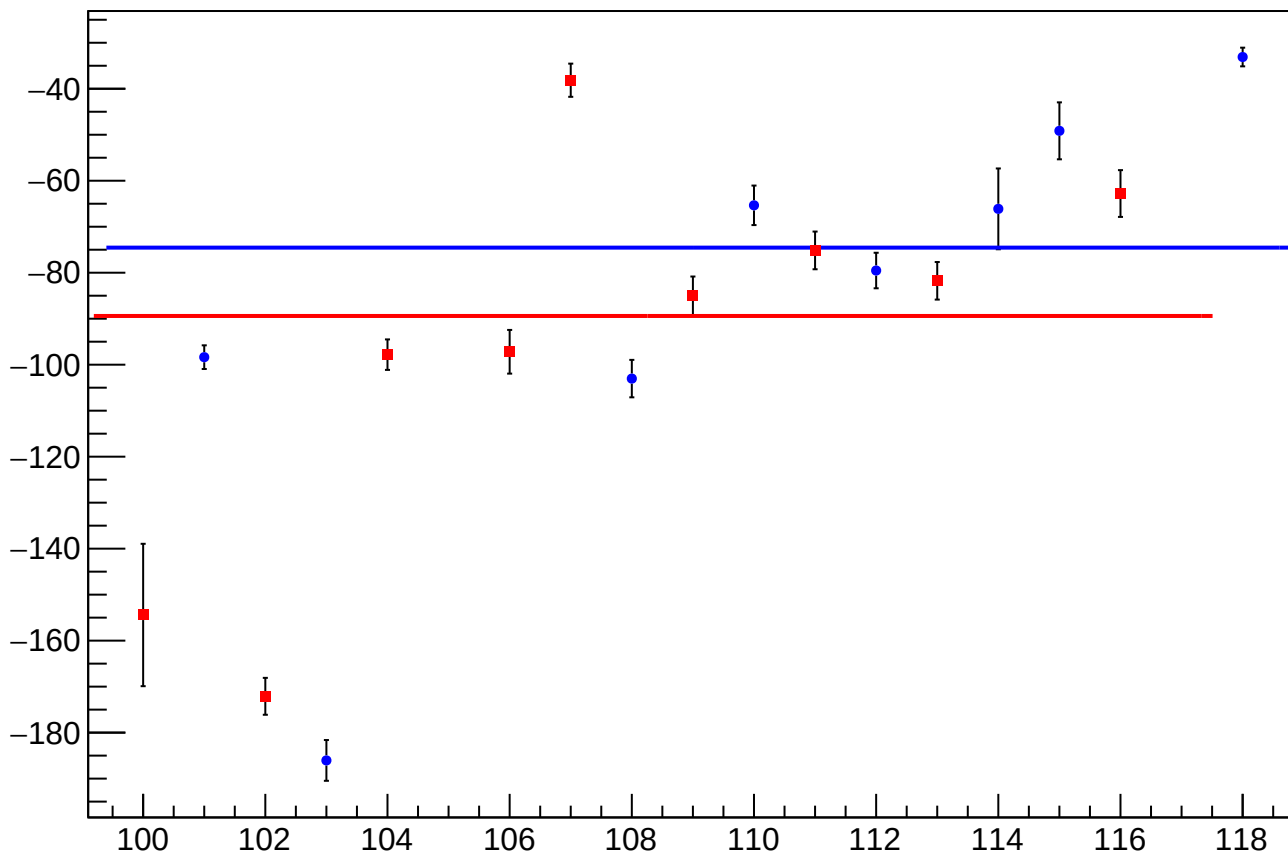
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.913 ± 0.834 χ^2/NDF : 360.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -74.546 ± 1.226 $\chi^2/\text{NDF}: 1208.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -89.407 ± 1.424 $\chi^2/\text{NDF}: 697.6/8$

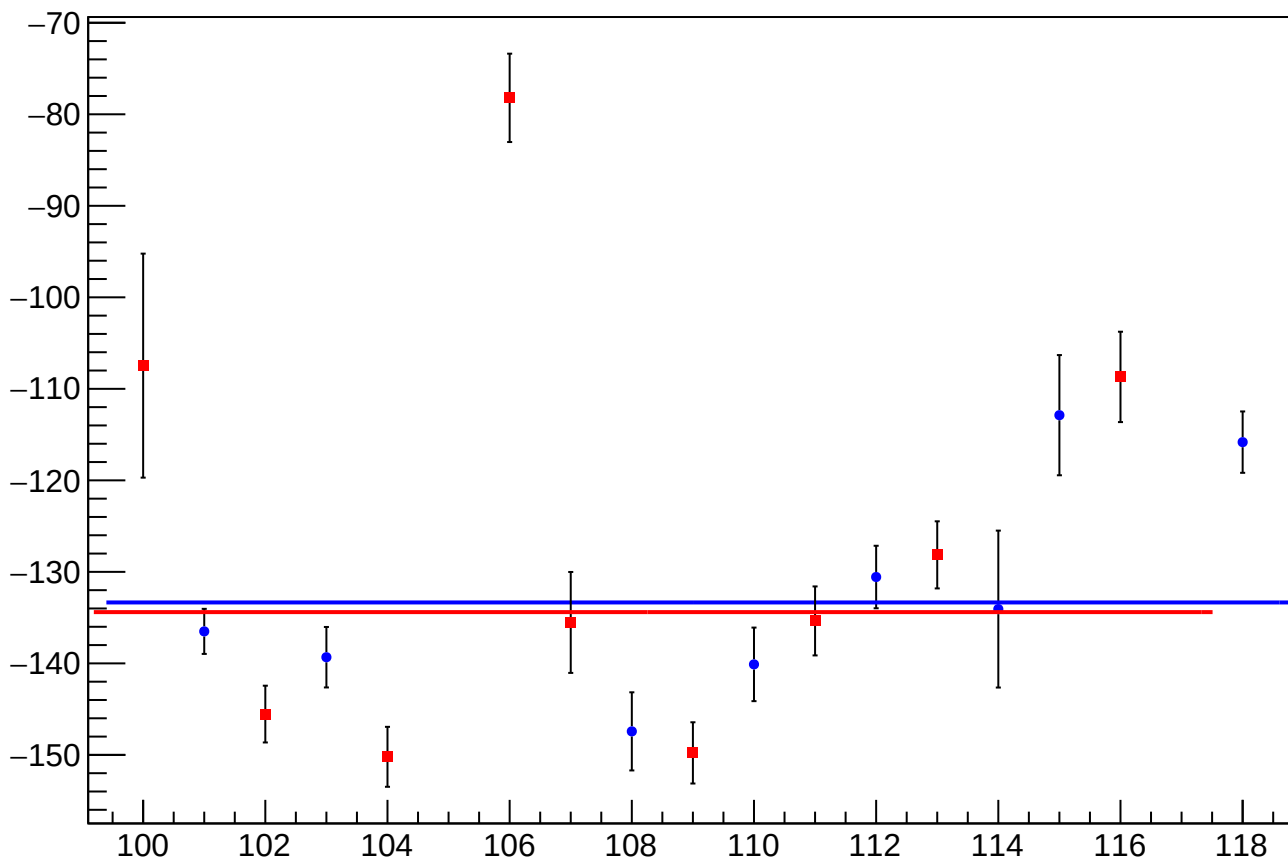
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -80.871 ± 0.929 $\chi^2/\text{NDF}: 1968.2/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -133.342 $\pm$ 1.308 χ^2 /NDF: 56.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -134.398 $\pm$ 1.343 χ^2 /NDF: 227.8/8

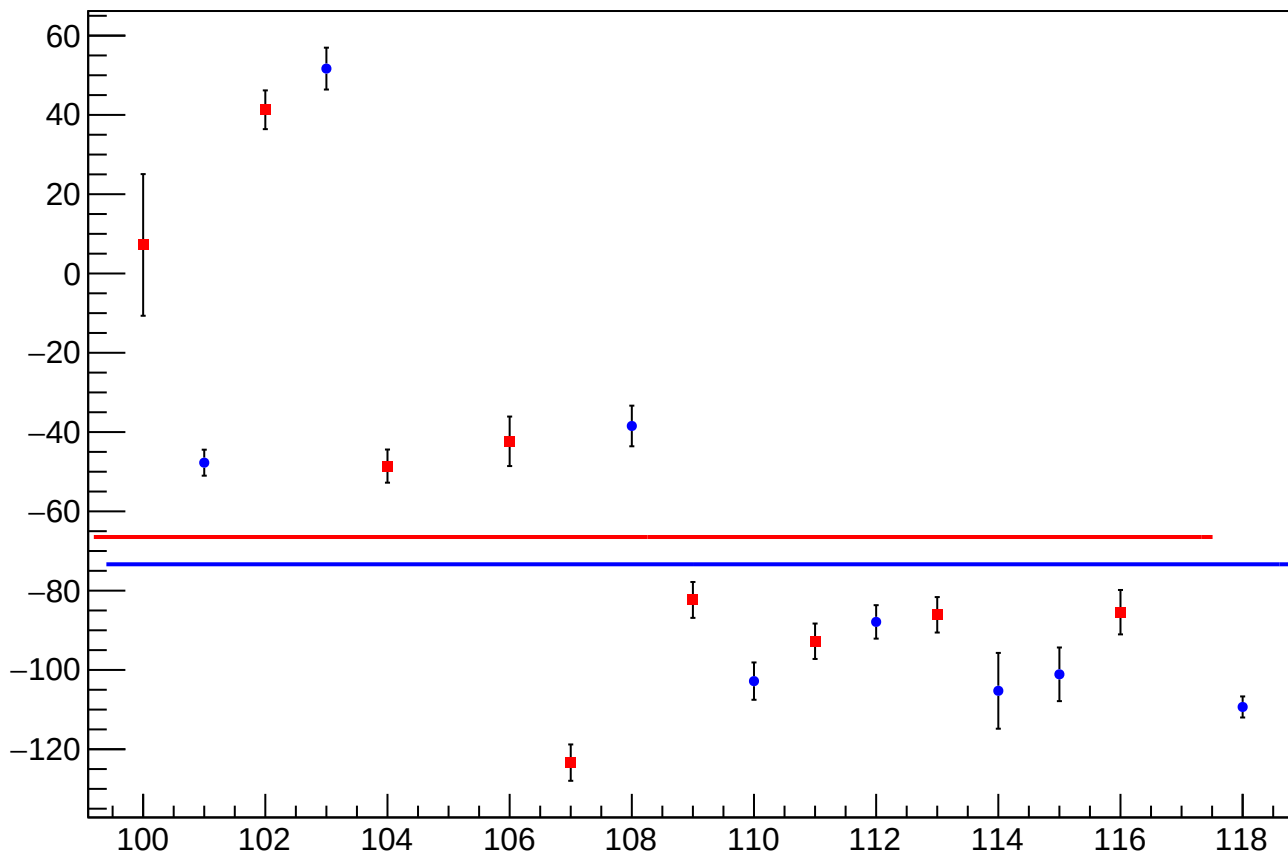
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -133.856 $\pm$ 0.937 χ^2 /NDF: 284.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -73.351 $\pm$ 1.503 χ^2 /NDF: 930.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.467 $\pm$ 1.676 χ^2 /NDF: 768.1/8

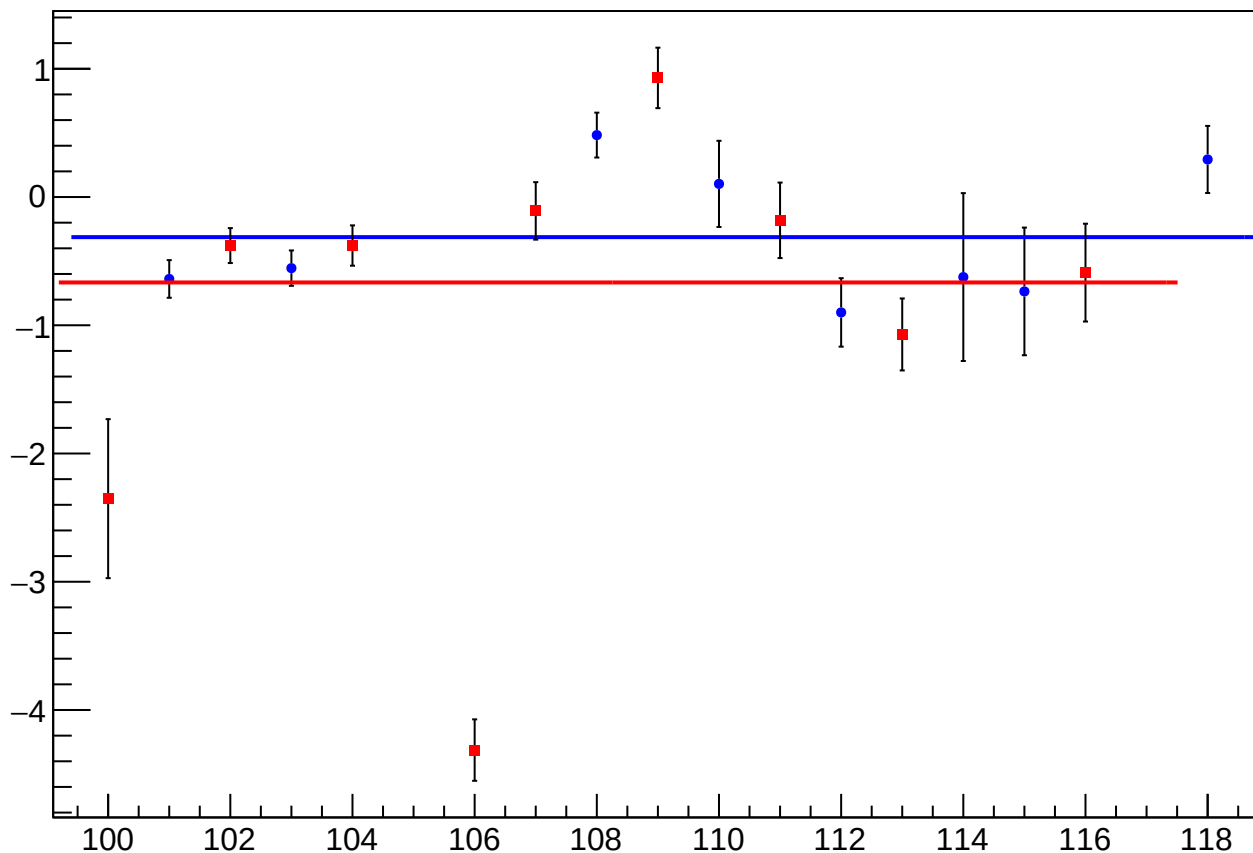
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.282 $\pm$ 1.119 χ^2 /NDF: 1708.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.313 ± 0.075 χ^2/NDF : 41.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.666 ± 0.074 χ^2/NDF : 303.6/8

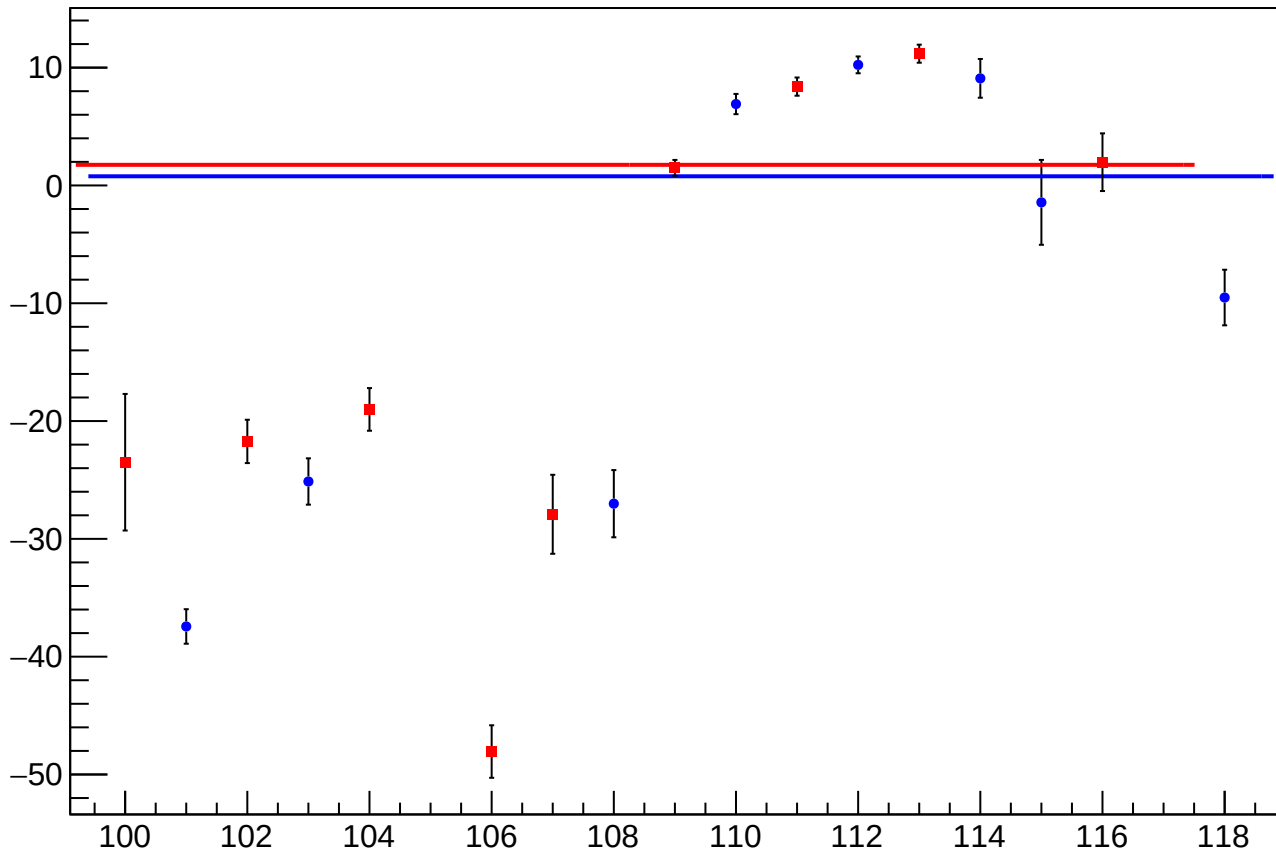
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.493 ± 0.053 χ^2/NDF : 356.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: 0.777 $\pm$ 0.457 χ^2 /NDF: 1220.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.750 $\pm$ 0.387 χ^2 /NDF: 1116.6/8

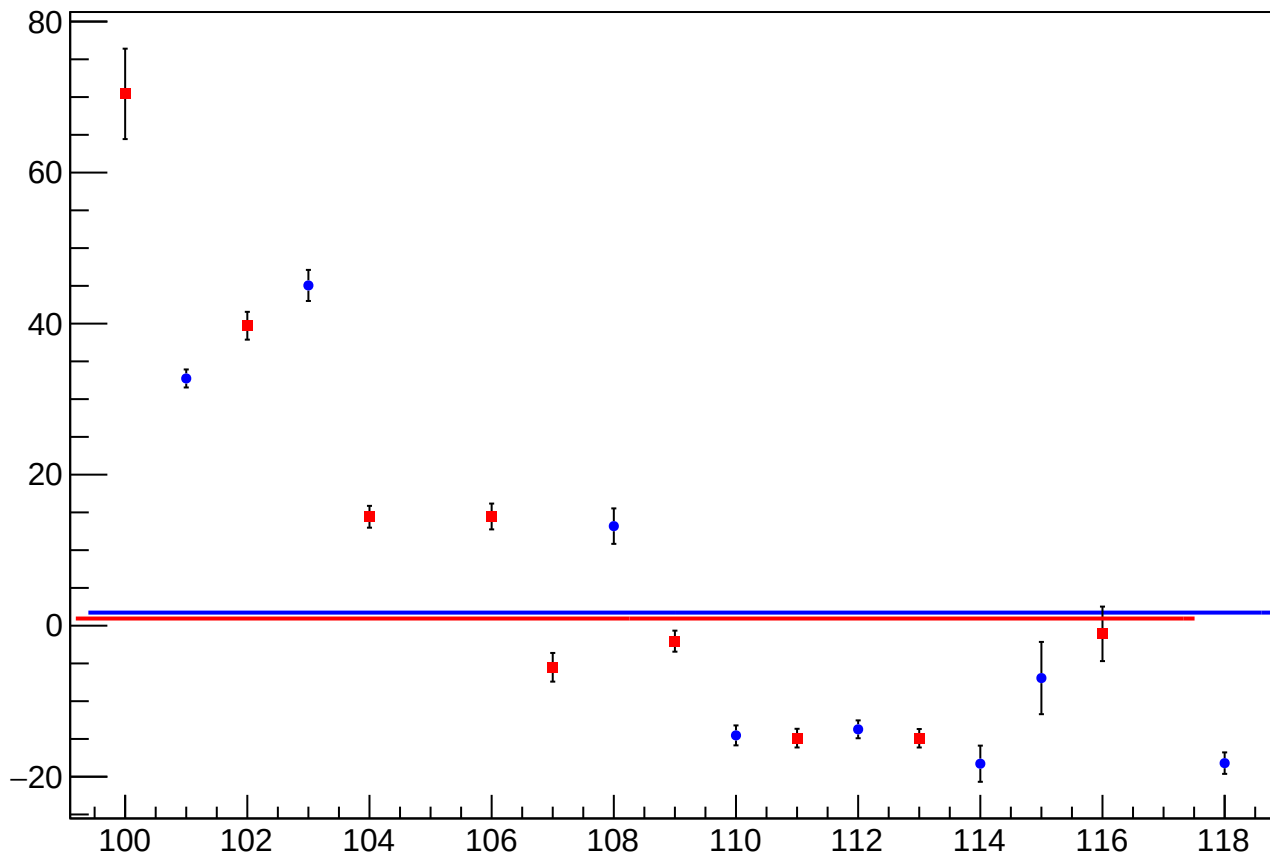
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.343 $\pm$ 0.295 χ^2 /NDF: 2339.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: 1.732 $\pm$ 0.566 χ^2 /NDF: 1734.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.947 $\pm$ 0.547 χ^2 /NDF: 1076.3/8

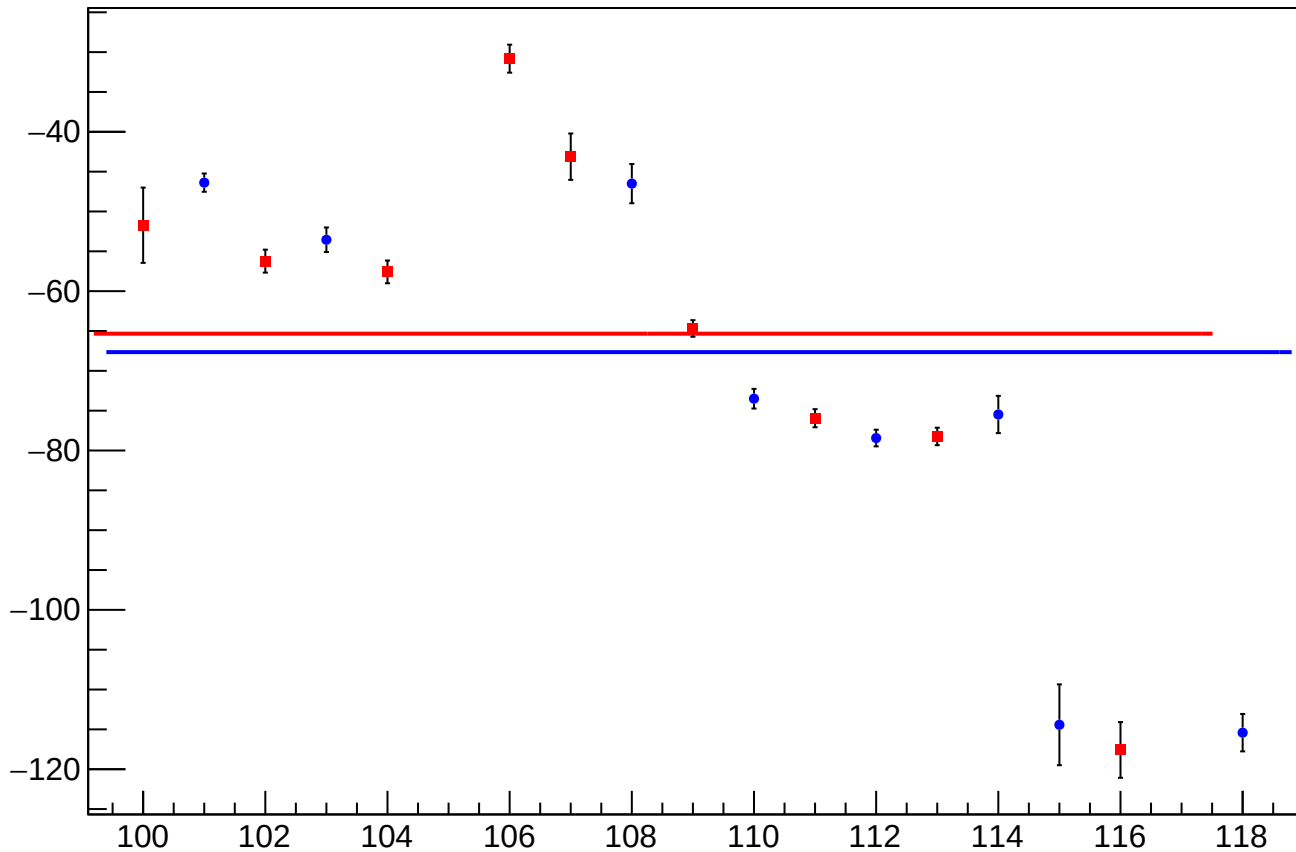
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.326 $\pm$ 0.394 χ^2 /NDF: 2811.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



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: -65.337 ± 0.496 χ^2/NDF : 970.8/8

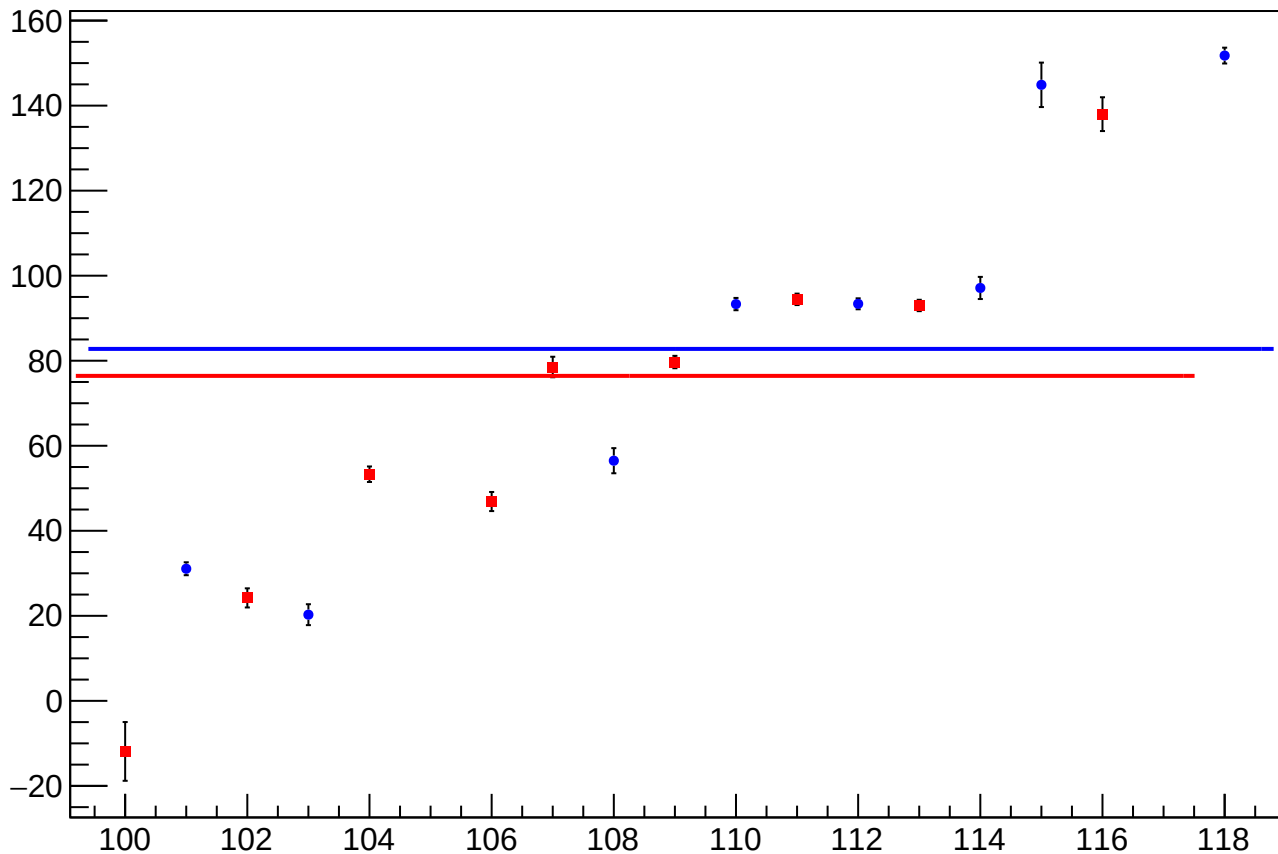
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.378 ± 0.368 χ^2/NDF : 2121.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 82.779 $\pm$ 0.665 χ^2 /NDF: 3548.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.435 $\pm$ 0.628 χ^2 /NDF: 1613.1/8

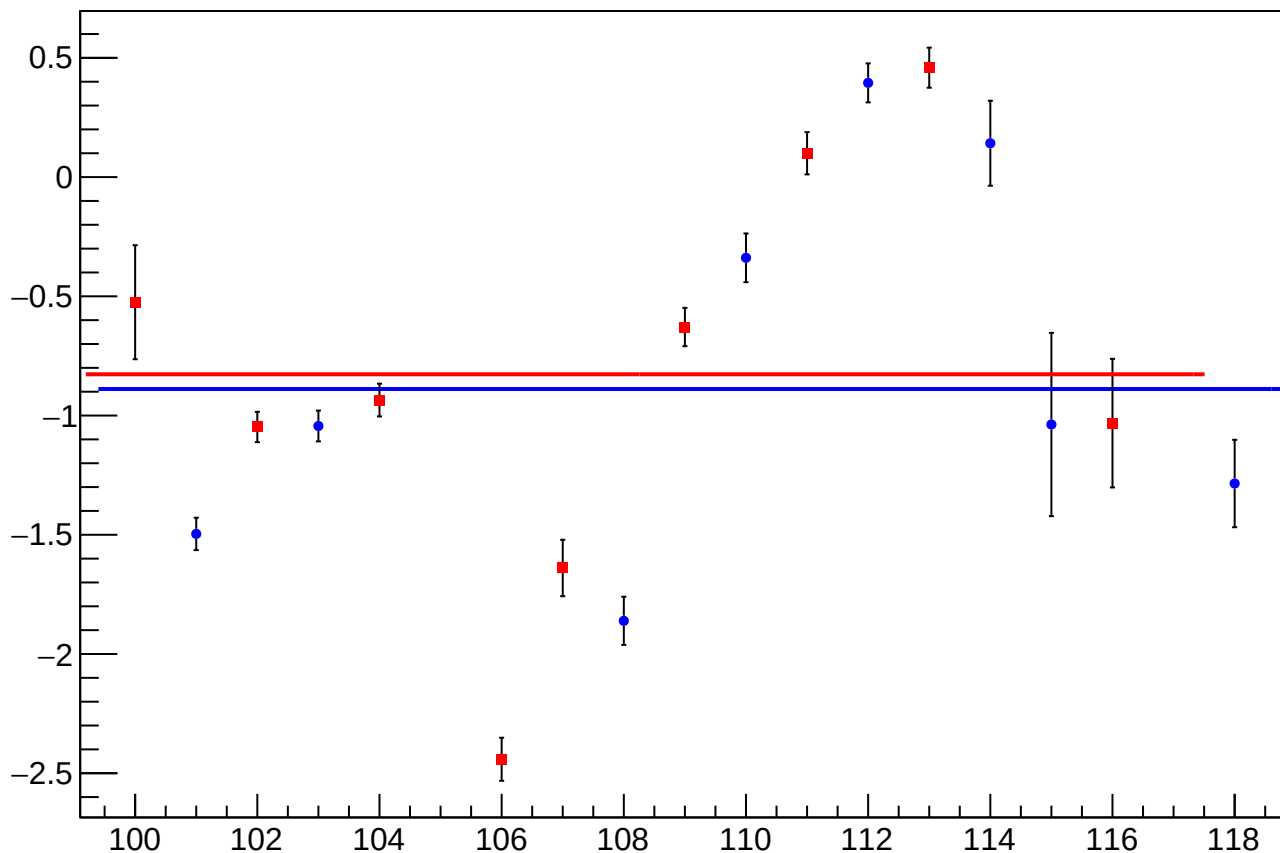
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.428 $\pm$ 0.457 χ^2 /NDF: 5209.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.889 ± 0.034 χ^2/NDF : 492.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.827 ± 0.030 χ^2/NDF : 733.4/8

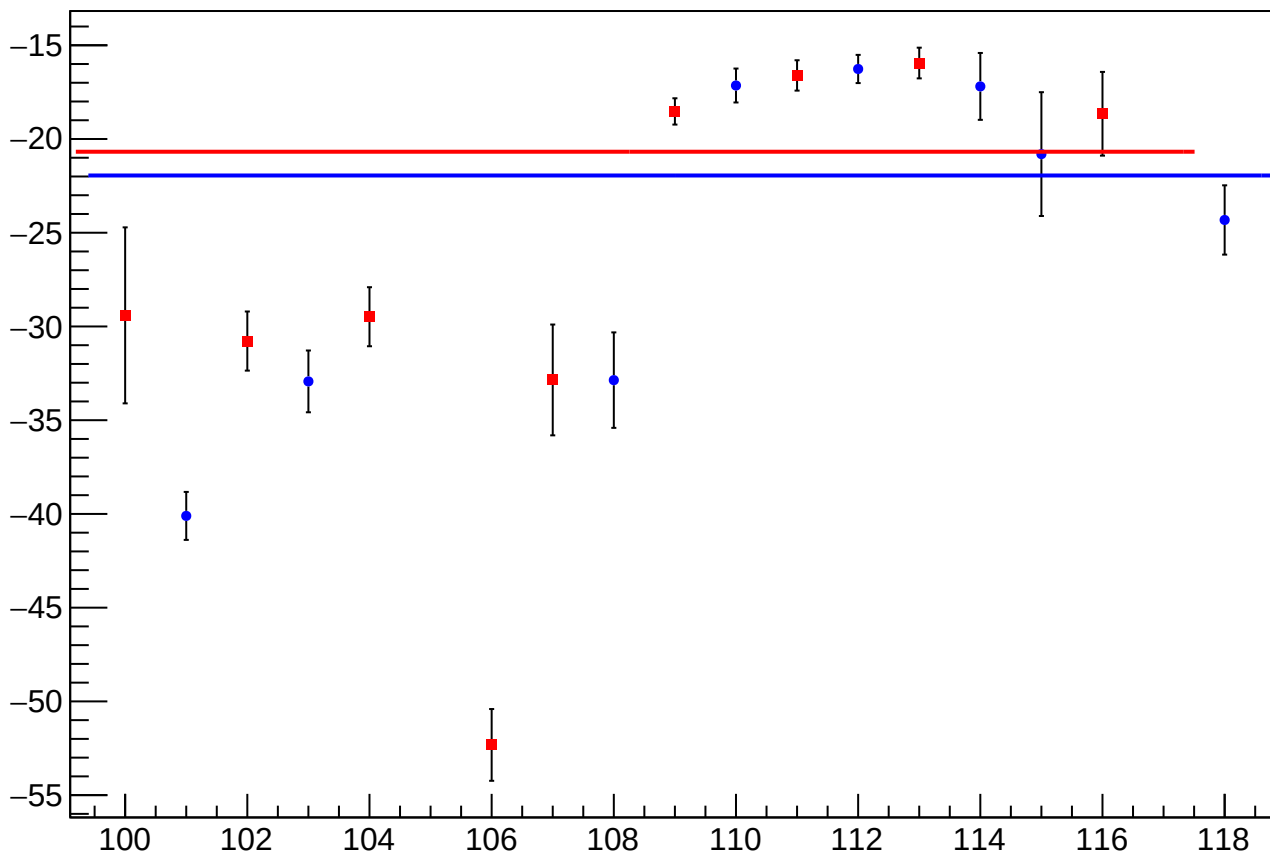
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.854 ± 0.023 χ^2/NDF : 1227.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



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: -20.679 $\pm$ 0.393 χ^2 /NDF: 434.8/8

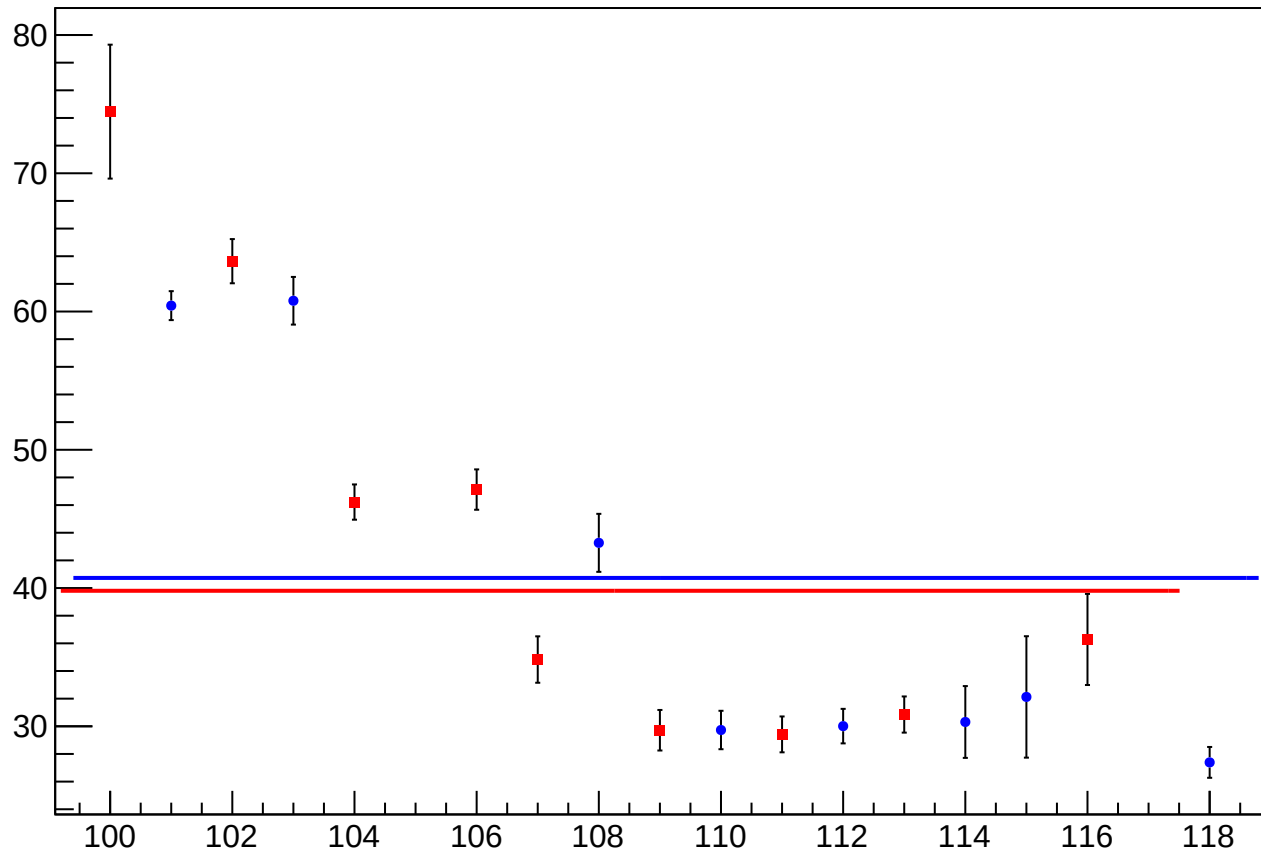
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.219 $\pm$ 0.297 χ^2 /NDF: 797.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 40.732 $\pm$ 0.524 χ^2 /NDF: 790.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 39.802 $\pm$ 0.526 χ^2 /NDF: 492.3/8

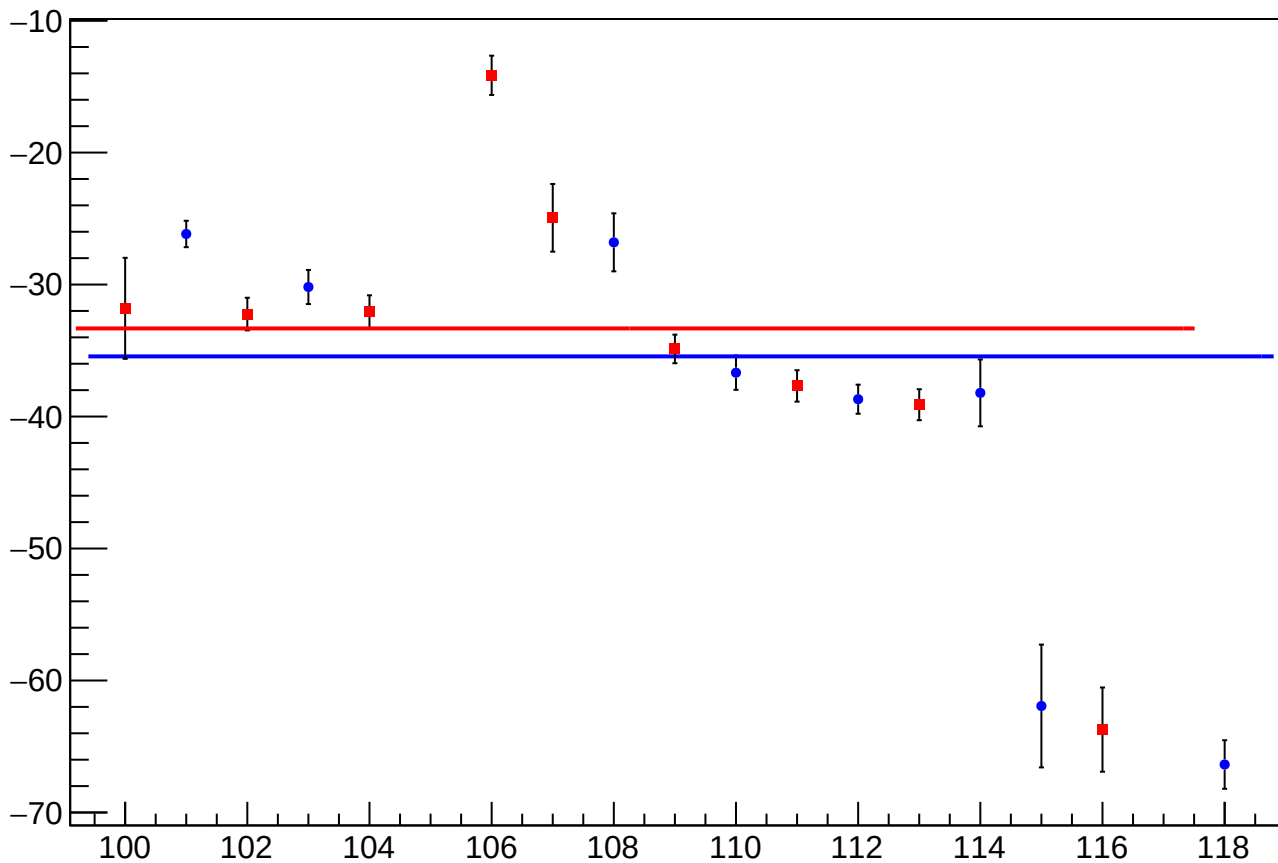
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.269 $\pm$ 0.371 χ^2 /NDF: 1284.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -35.443 ± 0.519 $\chi^2/\text{NDF}: 443.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.325 ± 0.479 $\chi^2/\text{NDF}: 309.2/8$

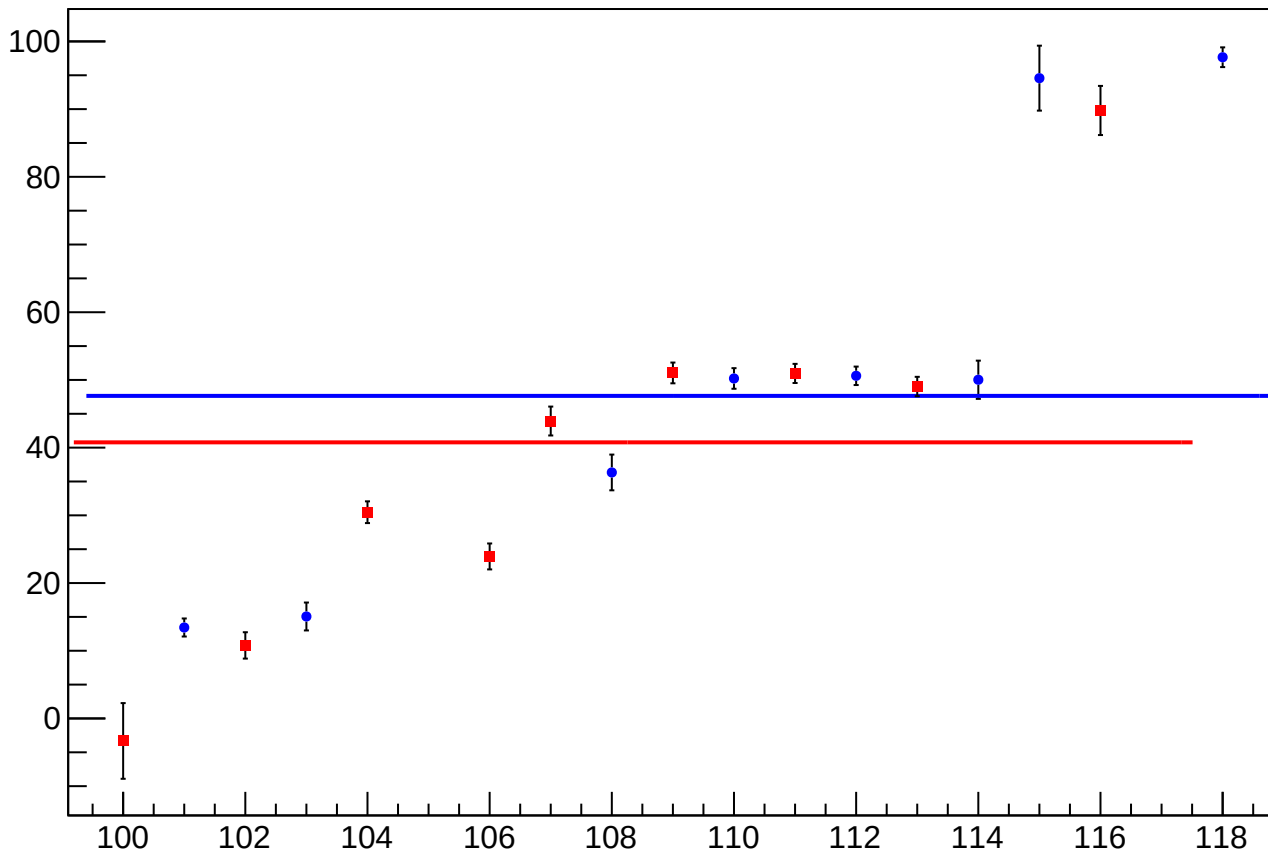
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.300 ± 0.352 $\chi^2/\text{NDF}: 761.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 47.645 $\pm$ 0.626 χ^2 /NDF: 2208.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.781 $\pm$ 0.612 χ^2 /NDF: 732.7/8

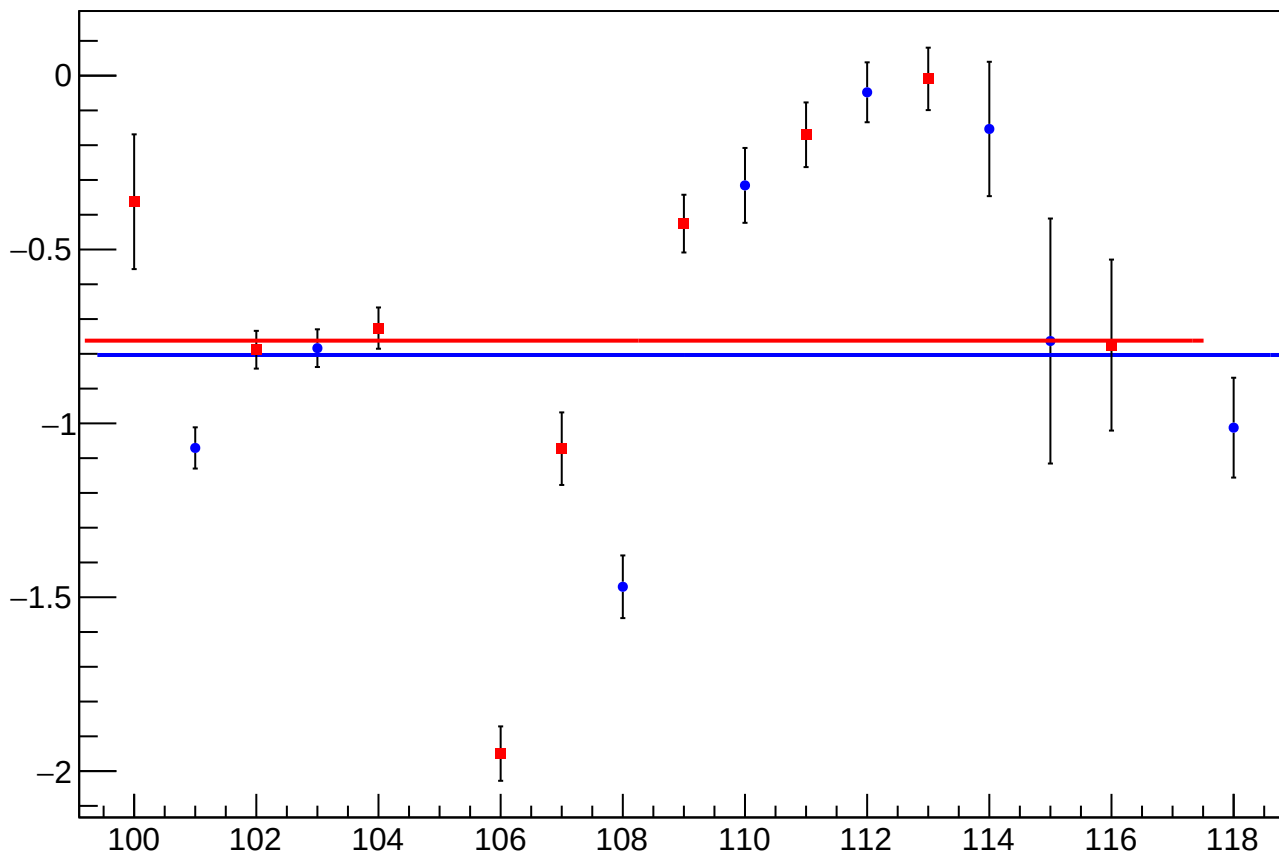
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.138 $\pm$ 0.438 χ^2 /NDF: 3002.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



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: -0.762 ± 0.028 χ^2/NDF : 371.5/8

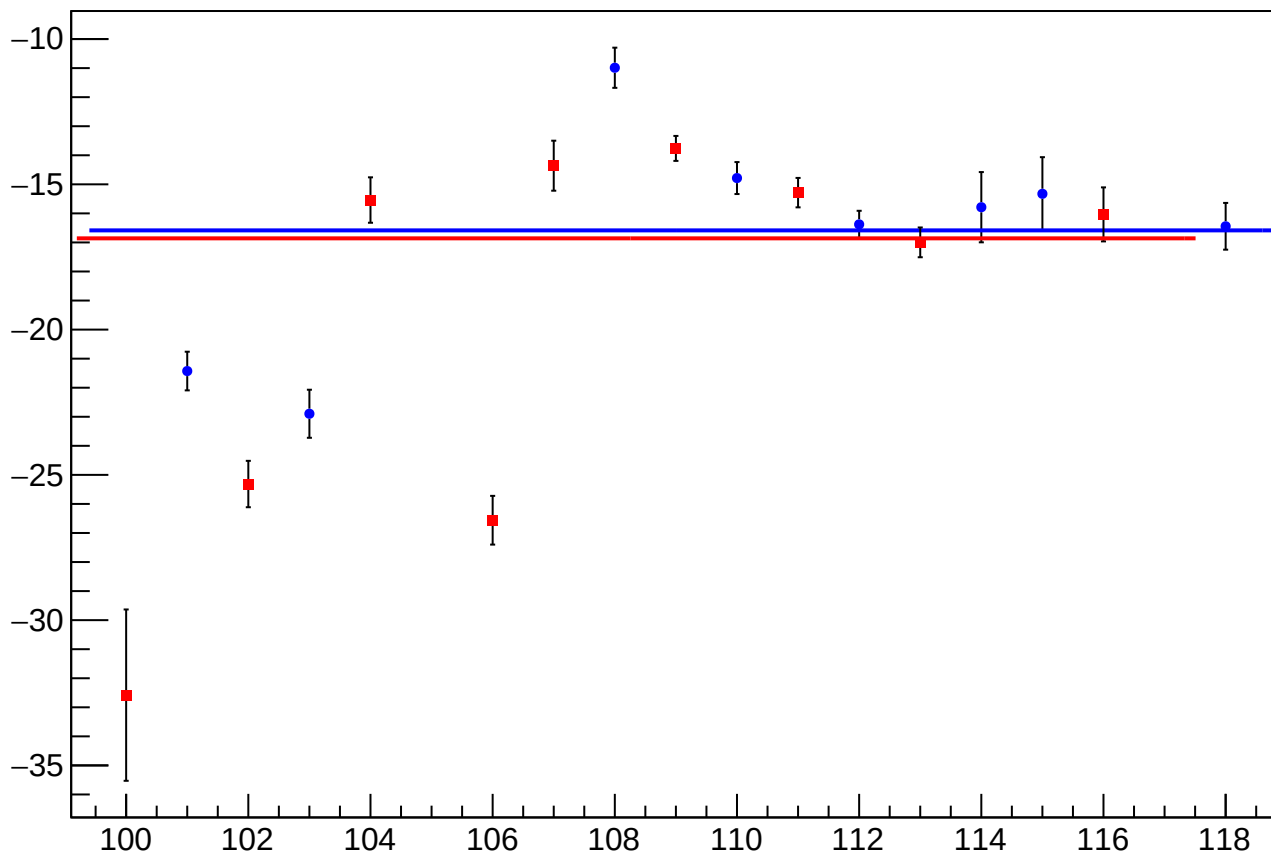
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.780 ± 0.021 χ^2/NDF : 558.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



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 ± 0.222 χ^2/NDF : 348.1/8

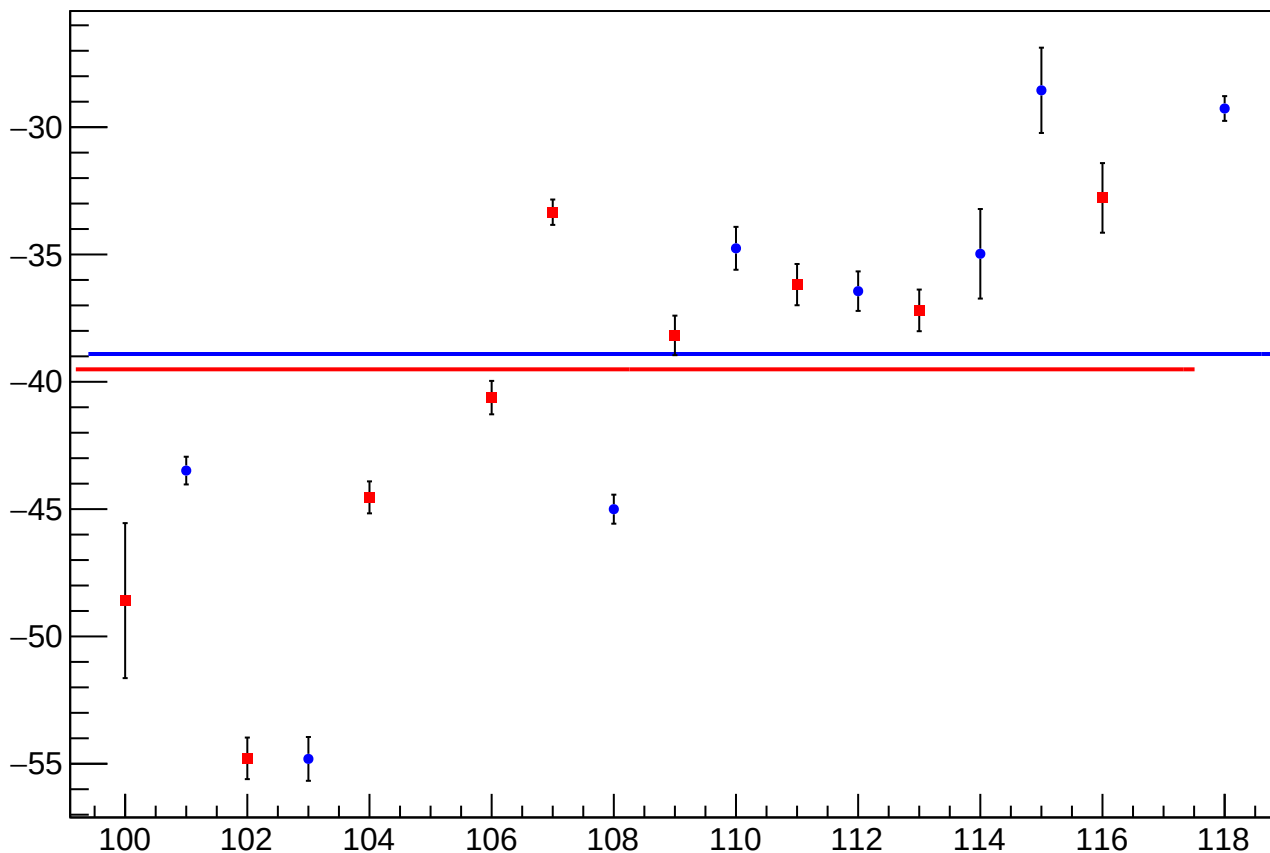
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.736 ± 0.165 χ^2/NDF : 538.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -38.908 ± 0.252 χ^2/NDF : 998.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.510 ± 0.252 χ^2/NDF : 631.8/8

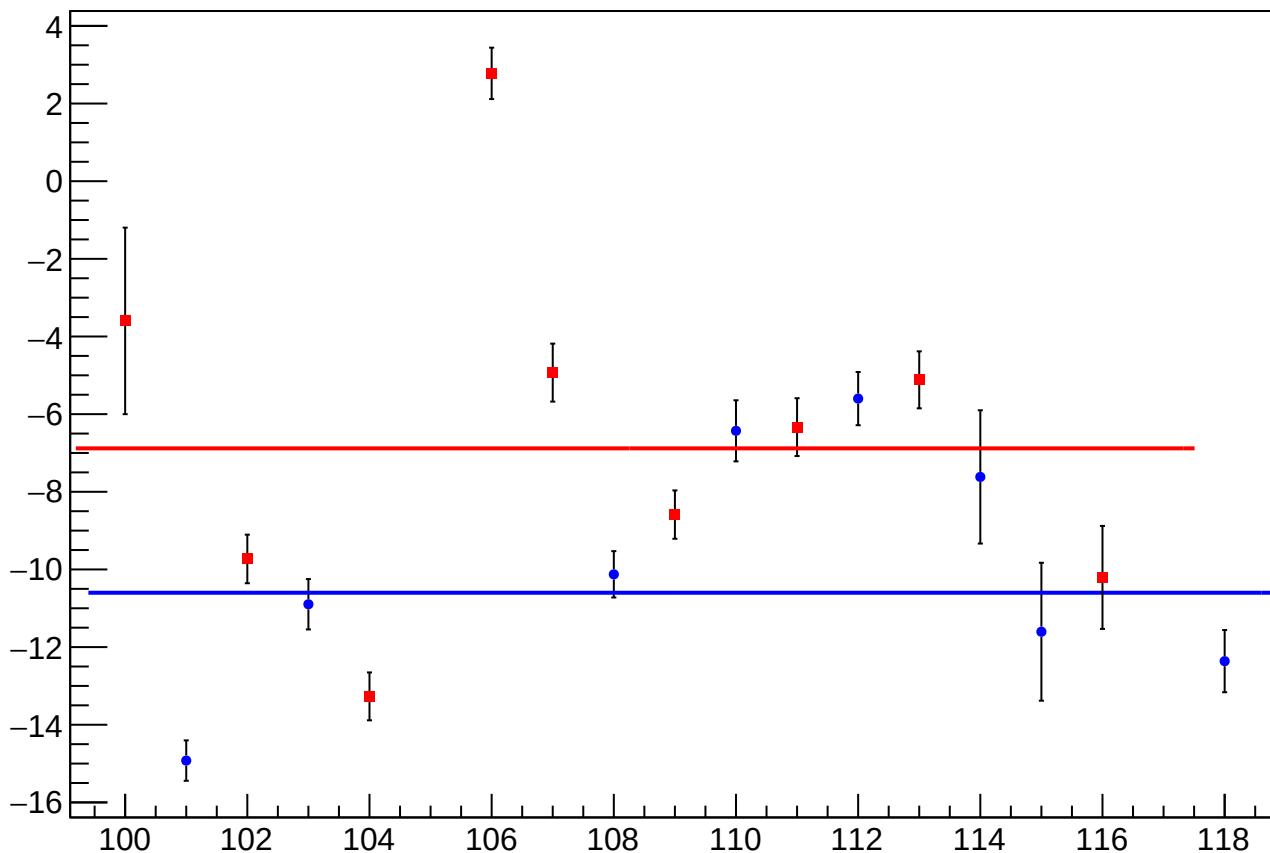
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.209 ± 0.178 χ^2/NDF : 1632.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.600 ± 0.260 χ^2/NDF : 159.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.881 ± 0.248 χ^2/NDF : 369.7/8

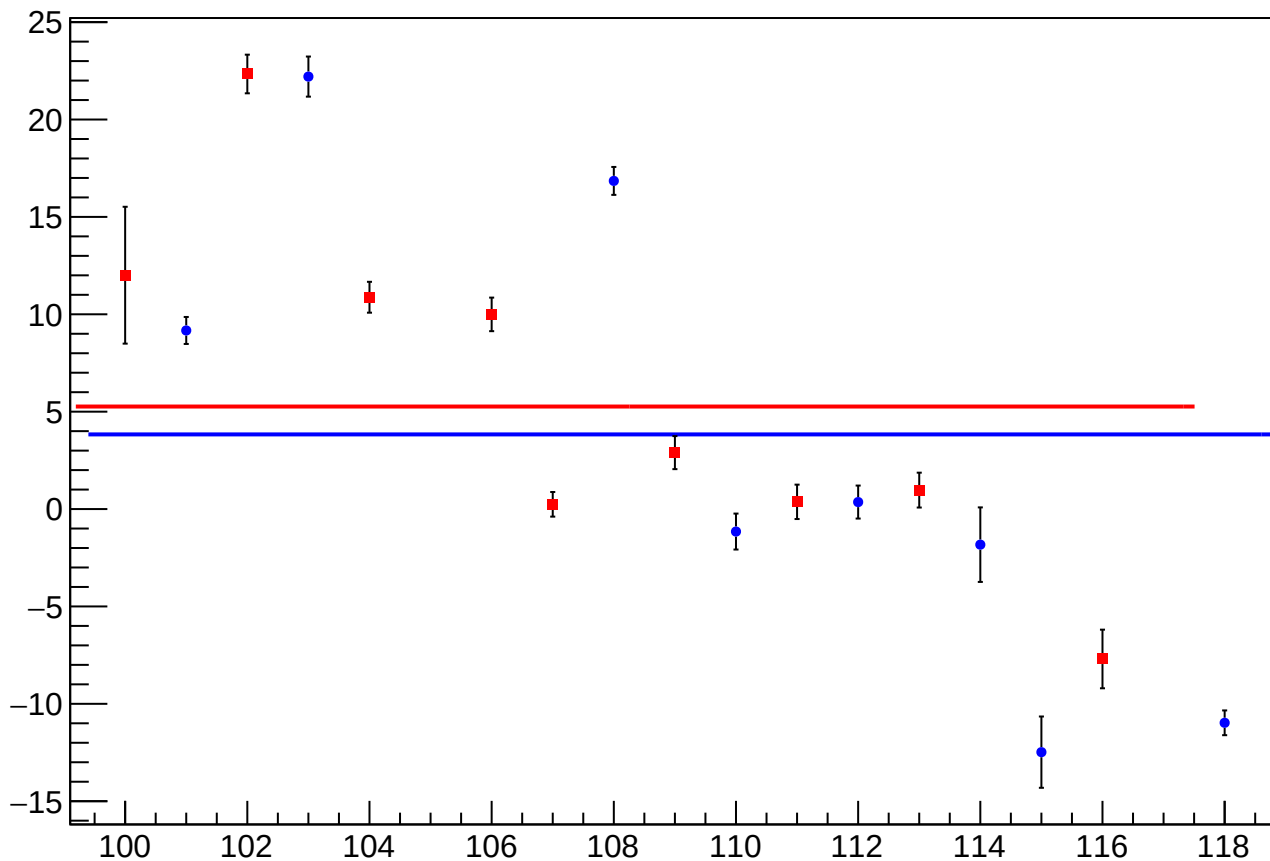
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.656 ± 0.179 χ^2/NDF : 636.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: 3.833 $\pm$ 0.307 χ^2 /NDF: 1384.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.264 $\pm$ 0.303 χ^2 /NDF: 578.8/8

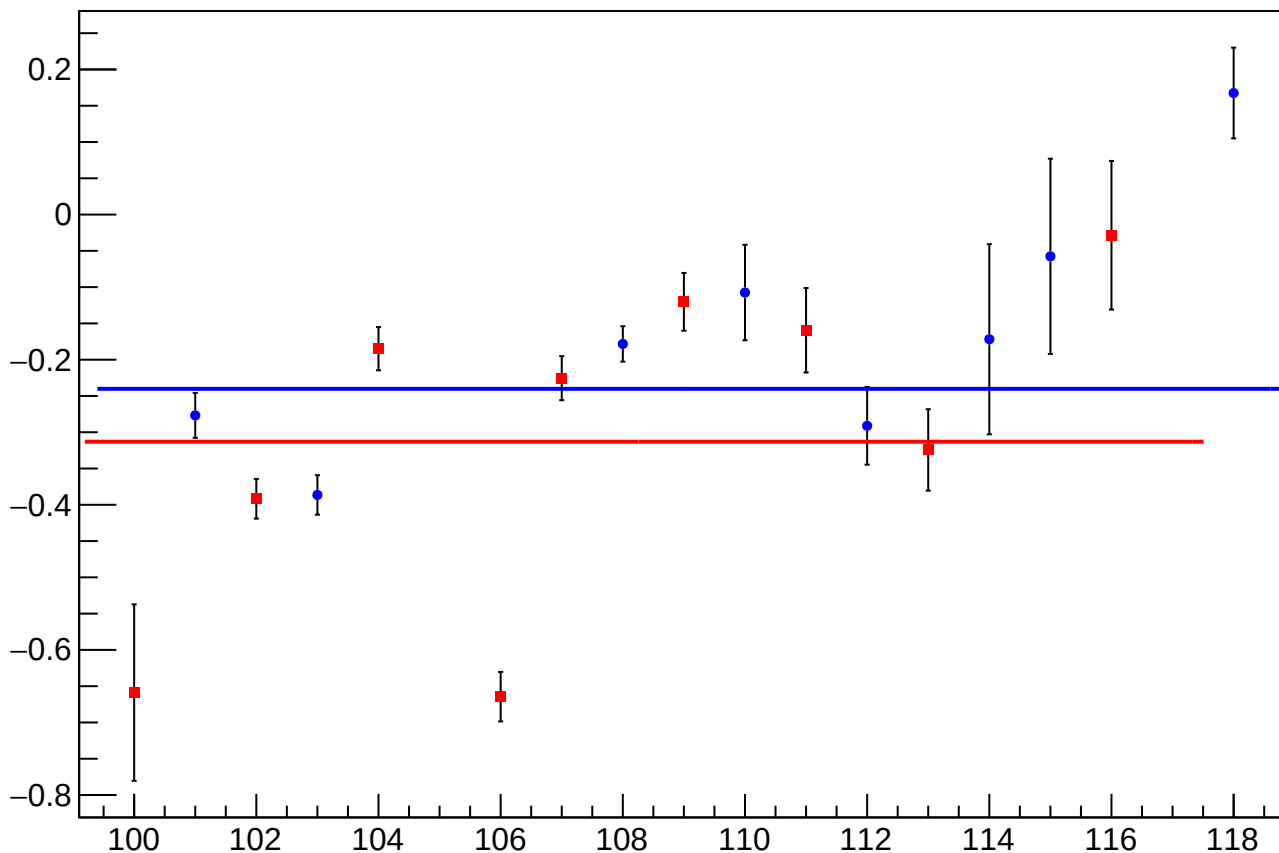
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.559 $\pm$ 0.216 χ^2 /NDF: 1973.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



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: -0.313 ± 0.013 χ^2/NDF : 187.5/8

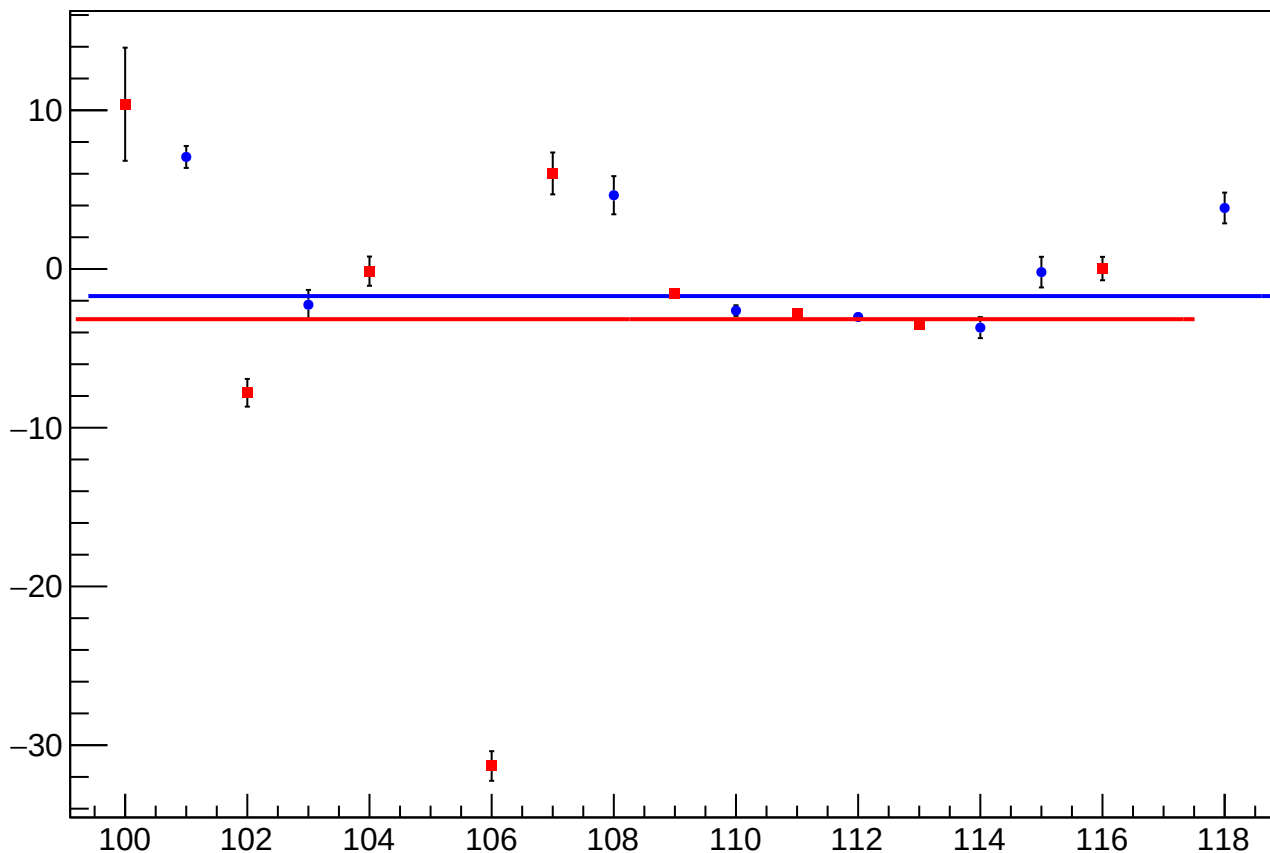
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.279 ± 0.010 χ^2/NDF : 288.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



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: -3.162 ± 0.155 χ^2/NDF : 1071.0/8

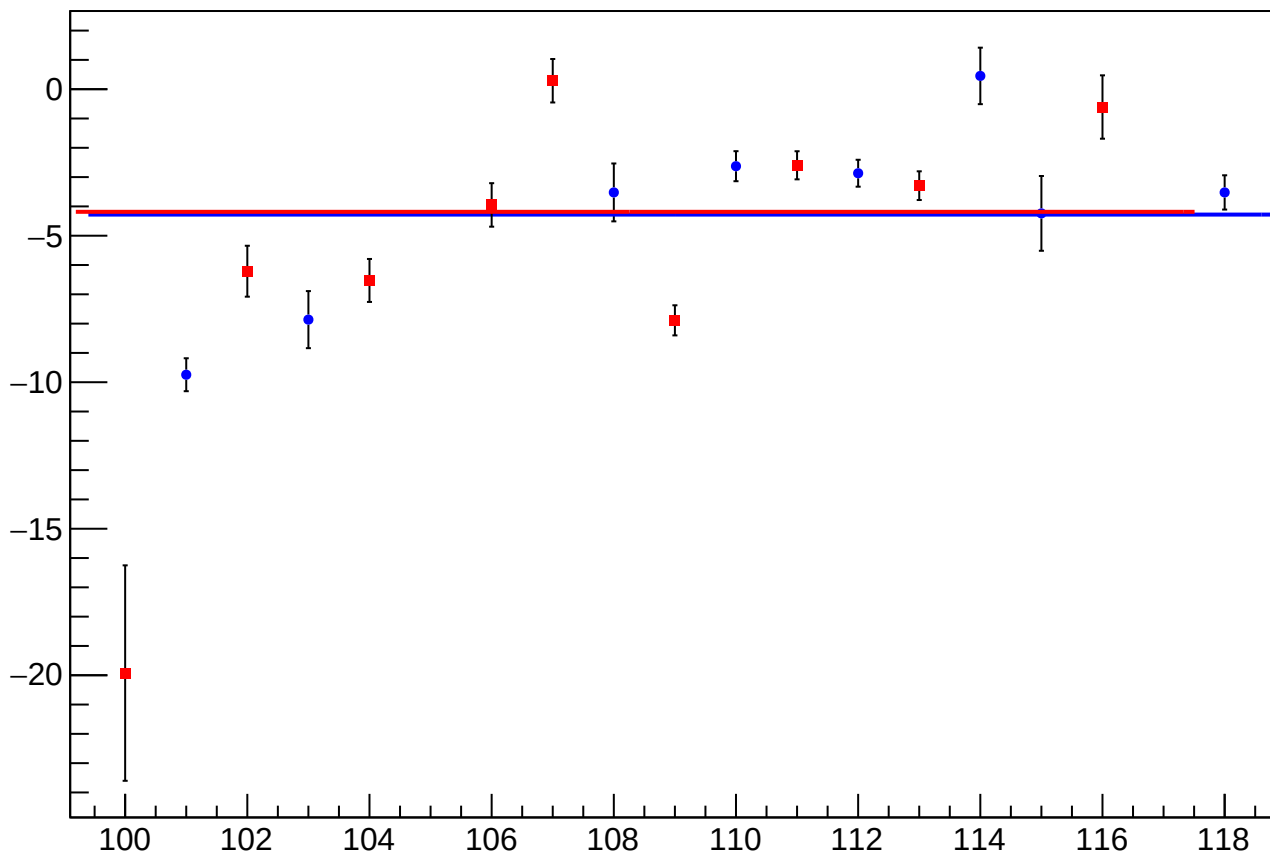
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.549 ± 0.118 χ^2/NDF : 1371.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -4.279 ± 0.233 $\chi^2/\text{NDF}: 154.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.185 ± 0.223 $\chi^2/\text{NDF}: 147.6/8$

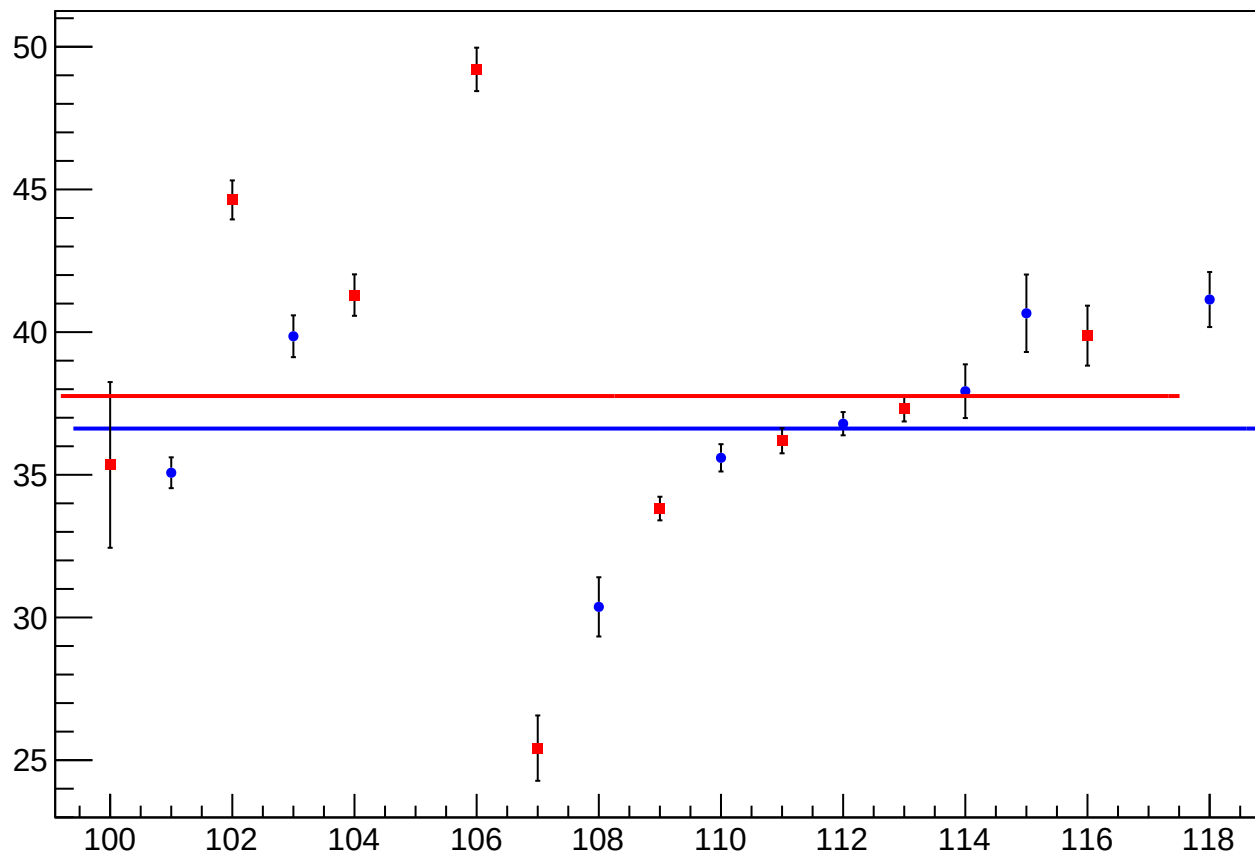
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.230 ± 0.161 $\chi^2/\text{NDF}: 302.0/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 36.621 $\pm$ 0.227 χ^2 /NDF: 101.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.760 $\pm$ 0.206 χ^2 /NDF: 576.2/8

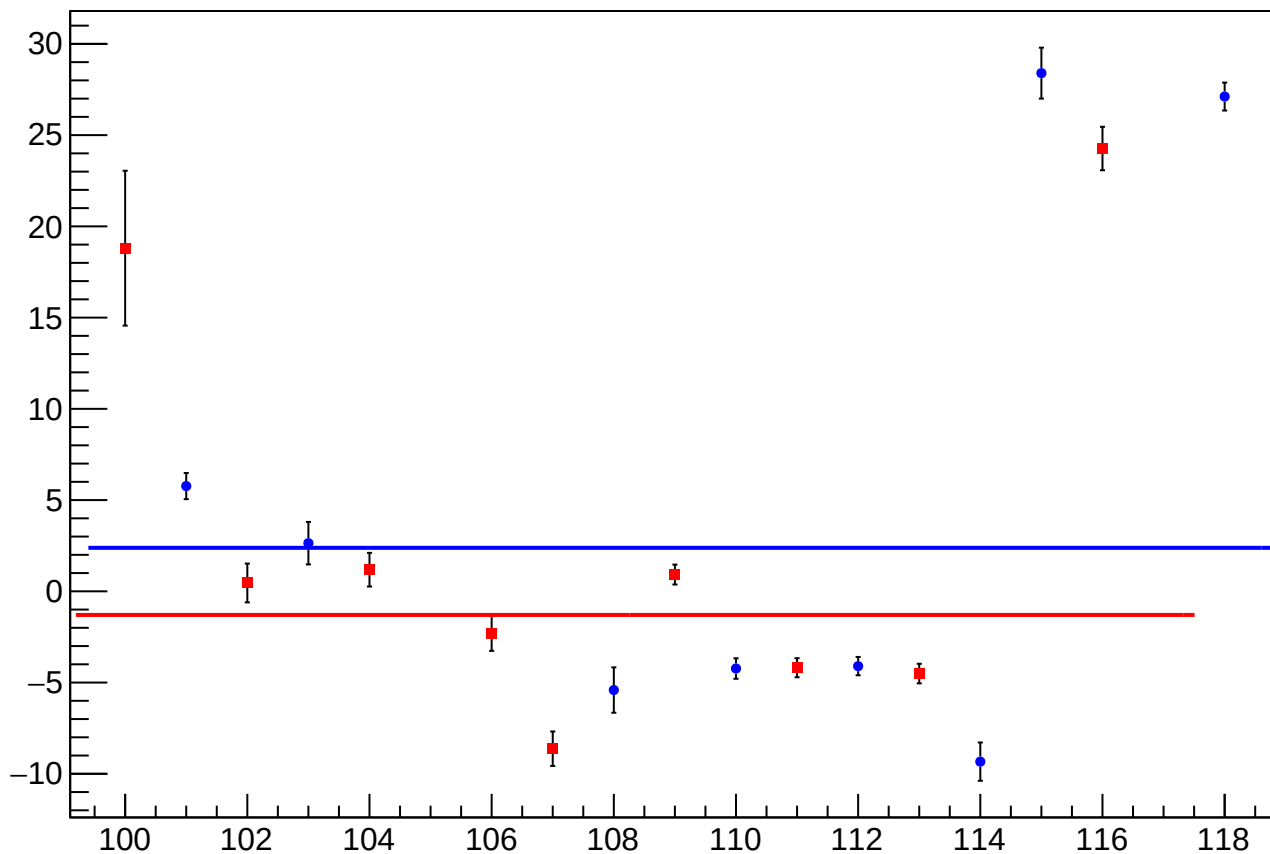
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.247 $\pm$ 0.152 χ^2 /NDF: 691.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 2.384 $\pm$ 0.271 χ^2 /NDF: 1882.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.294 $\pm$ 0.254 χ^2 /NDF: 637.2/8

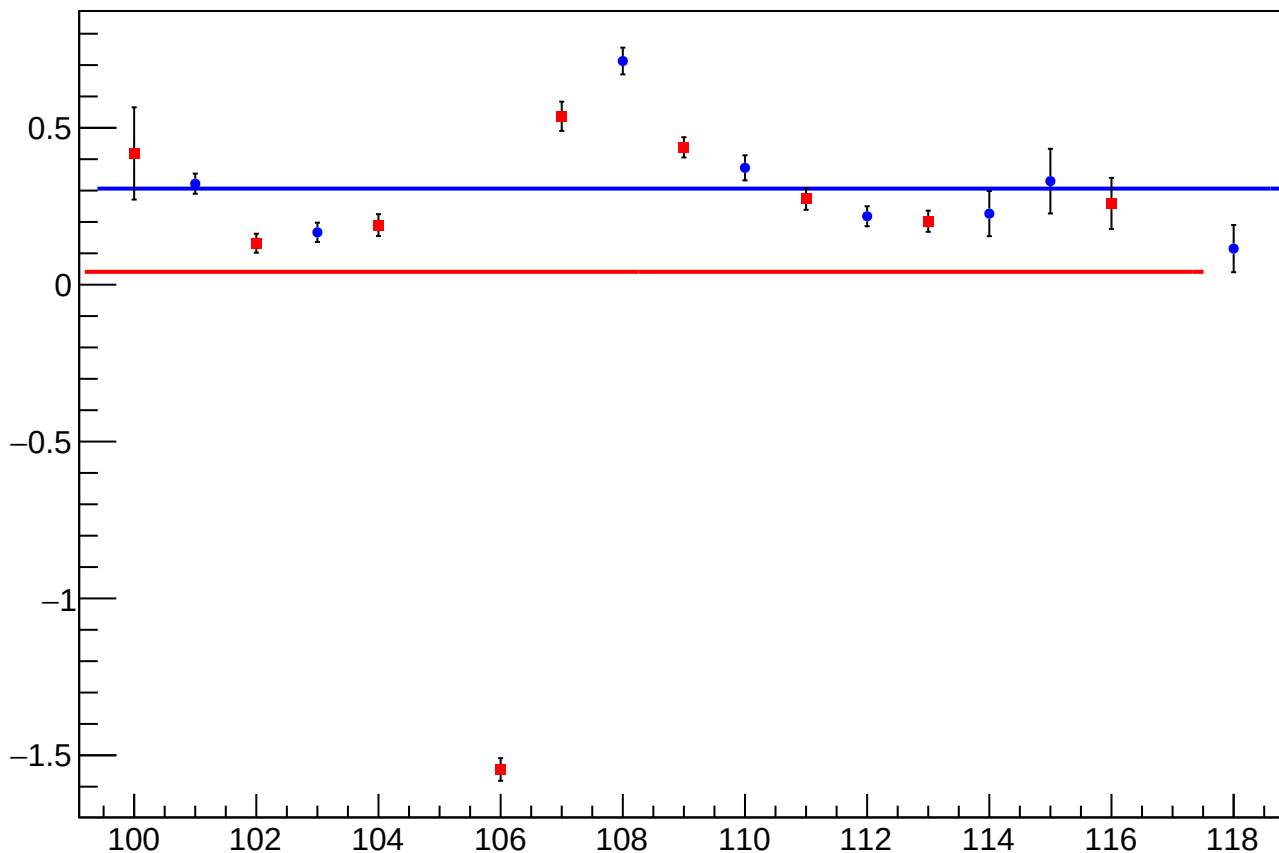
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.426 $\pm$ 0.185 χ^2 /NDF: 2617.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



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: 0.041 $\pm$ 0.013 χ^2 /NDF: 2307.8/8

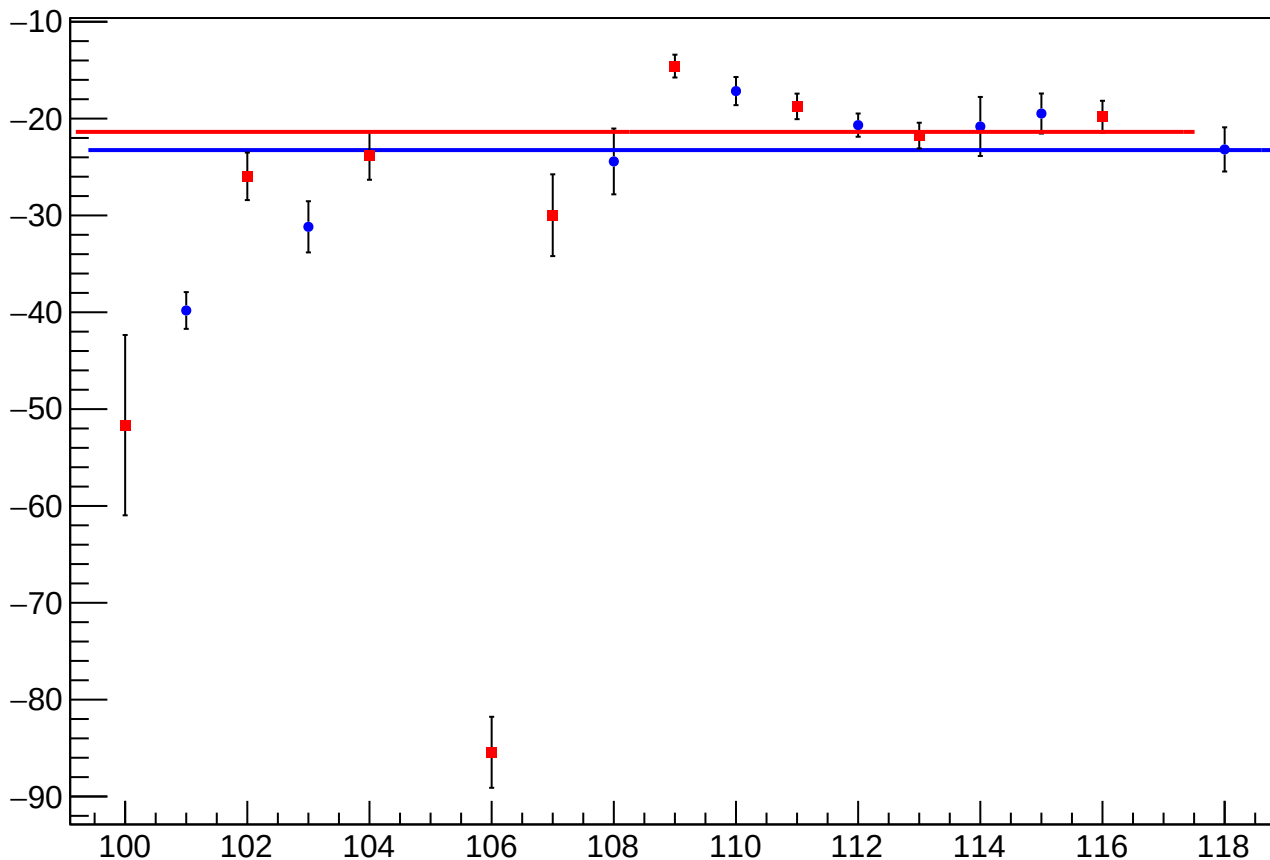
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.157 $\pm$ 0.010 χ^2 /NDF: 2622.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -23.253 $\pm$ 0.673 χ^2 /NDF: 111.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.373 $\pm$ 0.608 χ^2 /NDF: 362.8/8

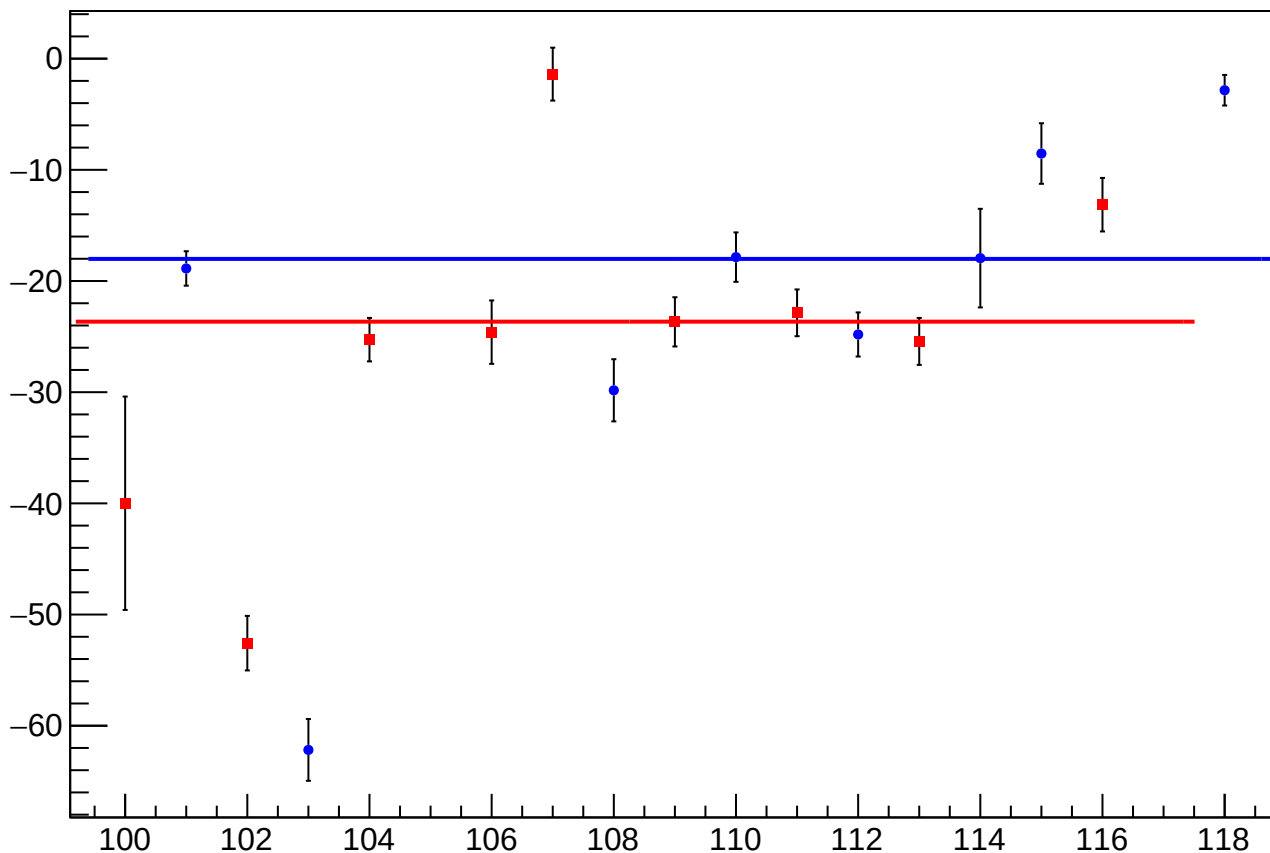
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.218 $\pm$ 0.451 χ^2 /NDF: 478.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -18.011 ± 0.736 χ^2/NDF : 416.4/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.656 ± 0.799 χ^2/NDF : 250.1/8

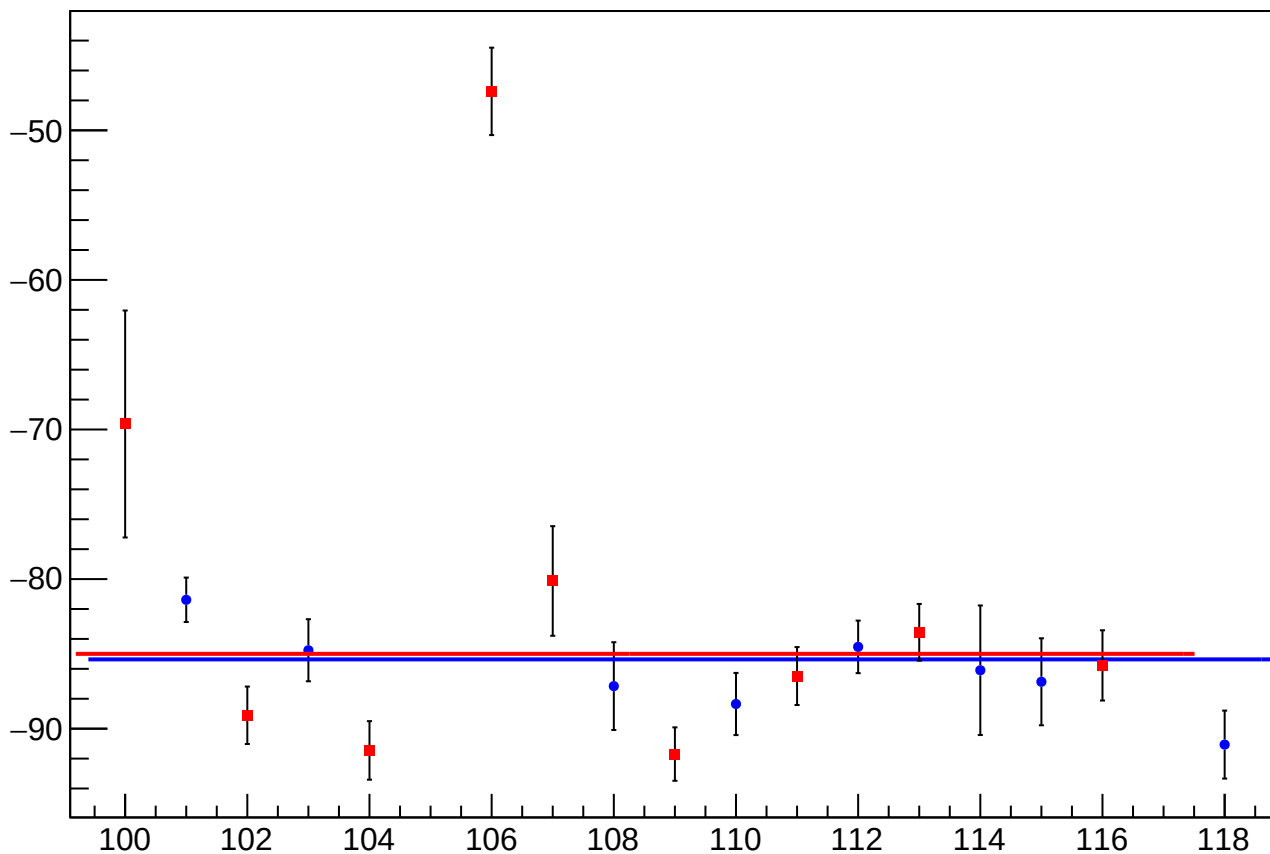
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.602 ± 0.542 χ^2/NDF : 693.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -85.368 ± 0.762 $\chi^2/\text{NDF}: 16.5/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -84.998 ± 0.749 $\chi^2/\text{NDF}: 202.2/8$

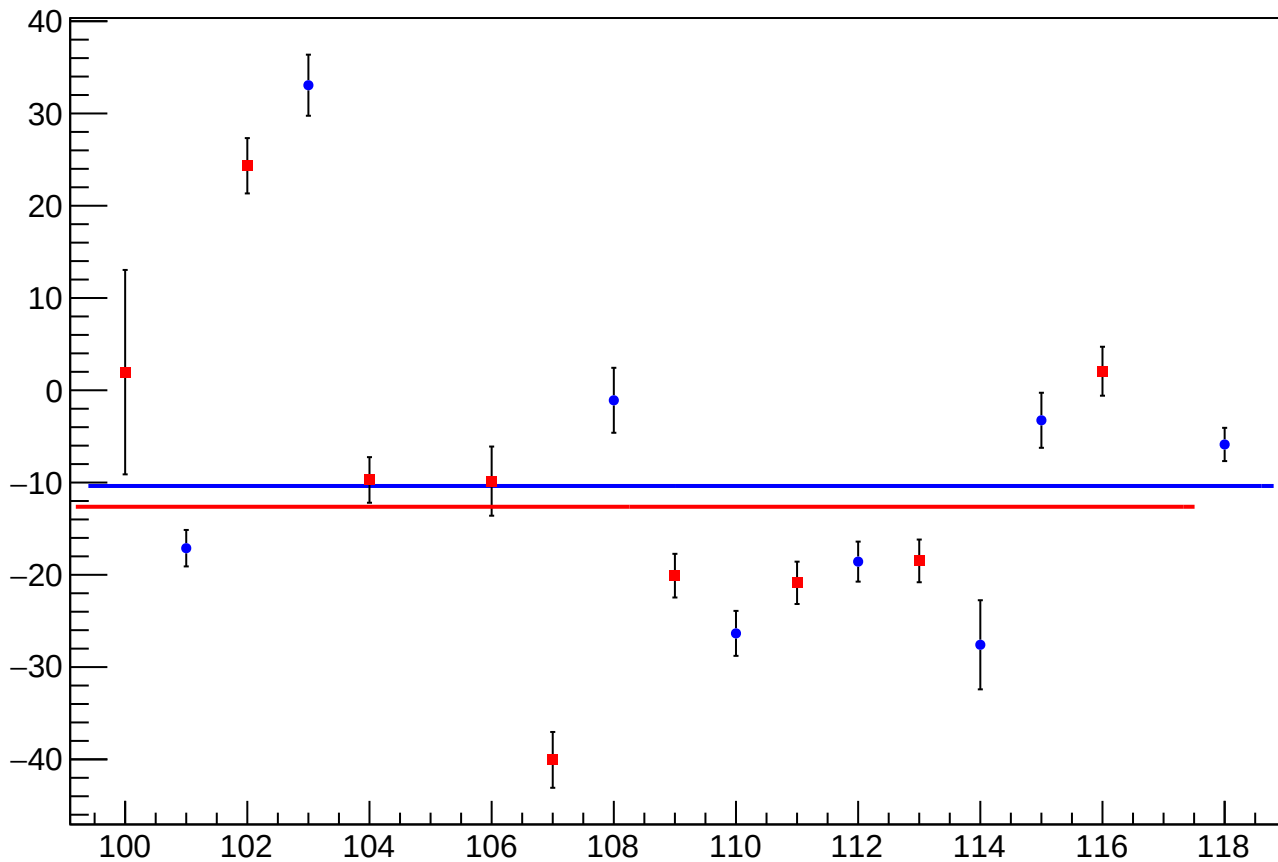
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -85.180 ± 0.534 $\chi^2/\text{NDF}: 218.9/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -10.372 ± 0.886 χ^2/NDF : 272.7/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.624 ± 0.928 χ^2/NDF : 297.8/8

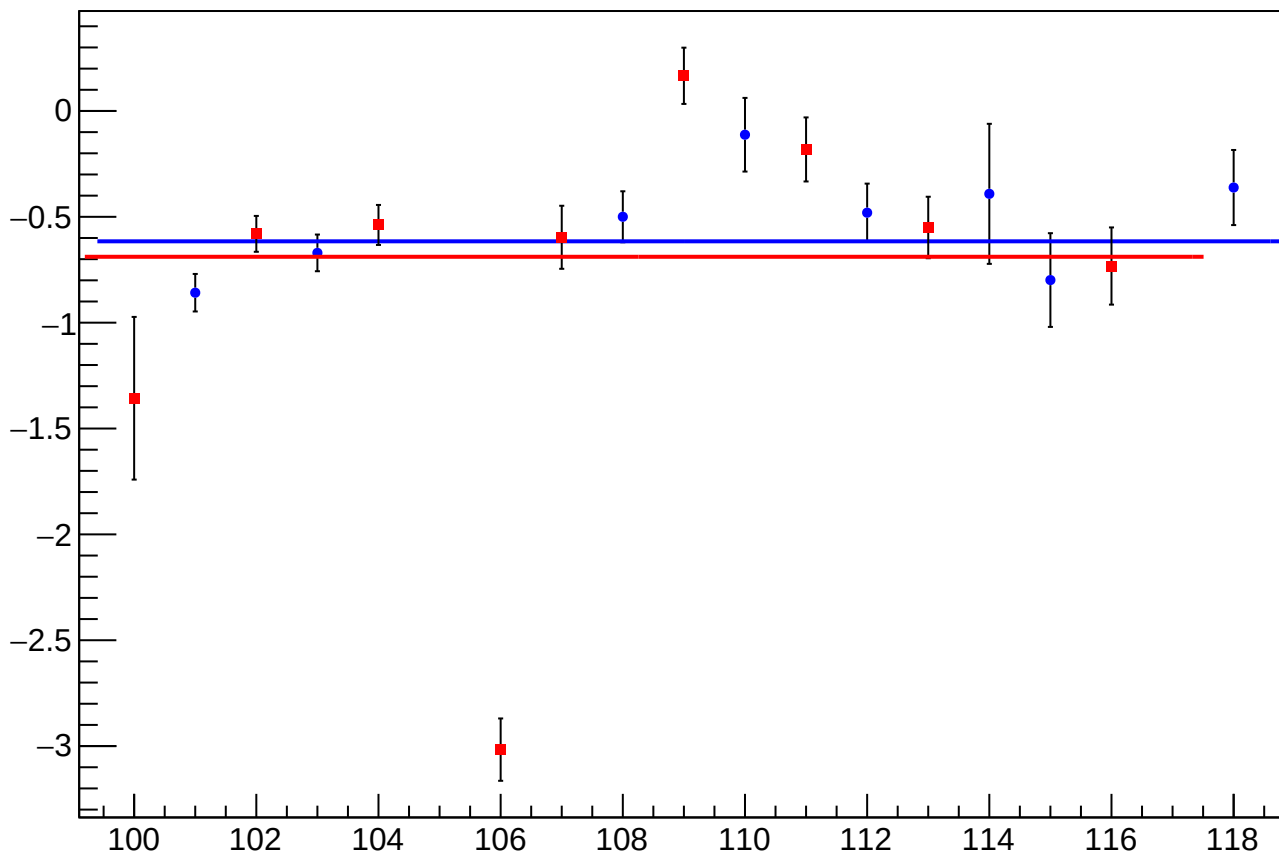
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.446 ± 0.641 χ^2/NDF : 573.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



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: -0.689 ± 0.044 χ^2/NDF : 311.2/8

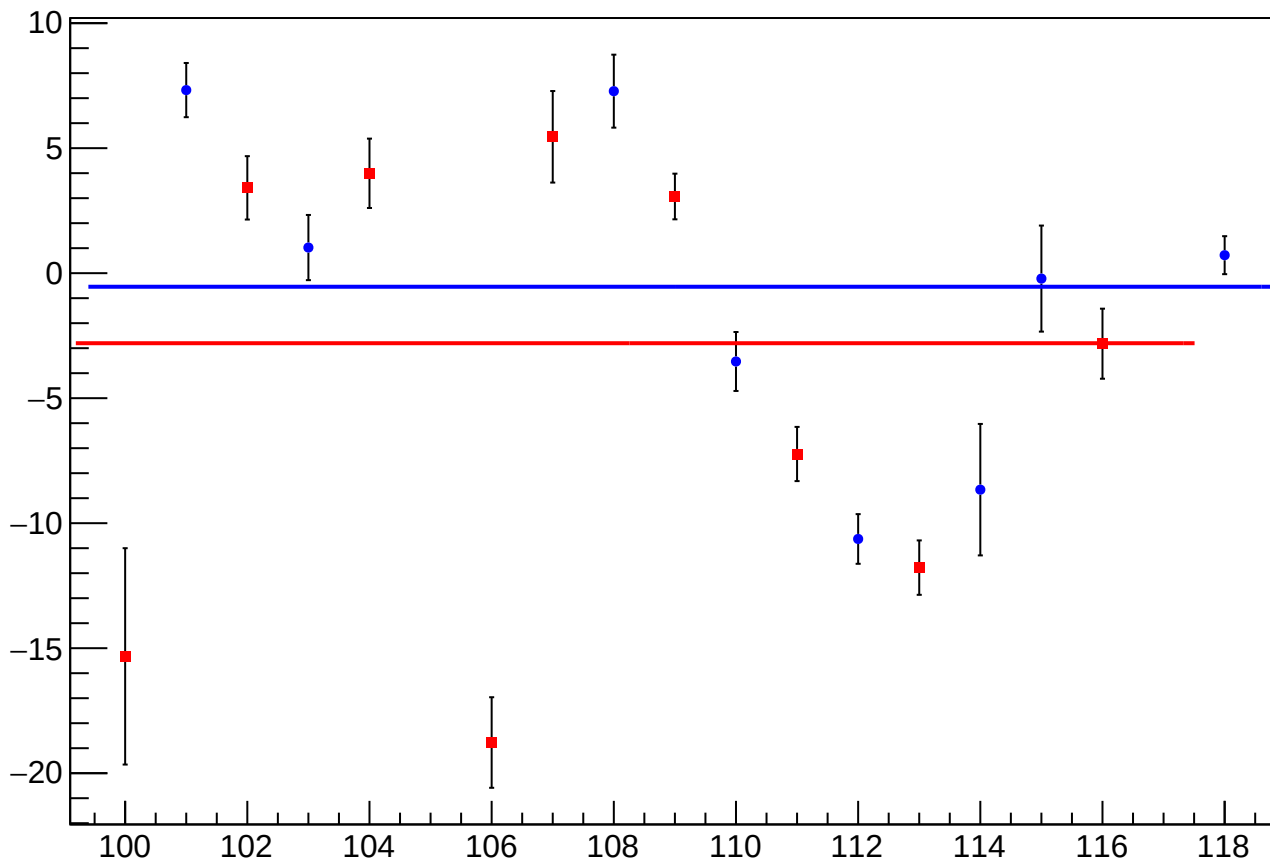
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.654 ± 0.032 χ^2/NDF : 333.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



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: -2.801 ± 0.438 χ^2/NDF : 280.6/8

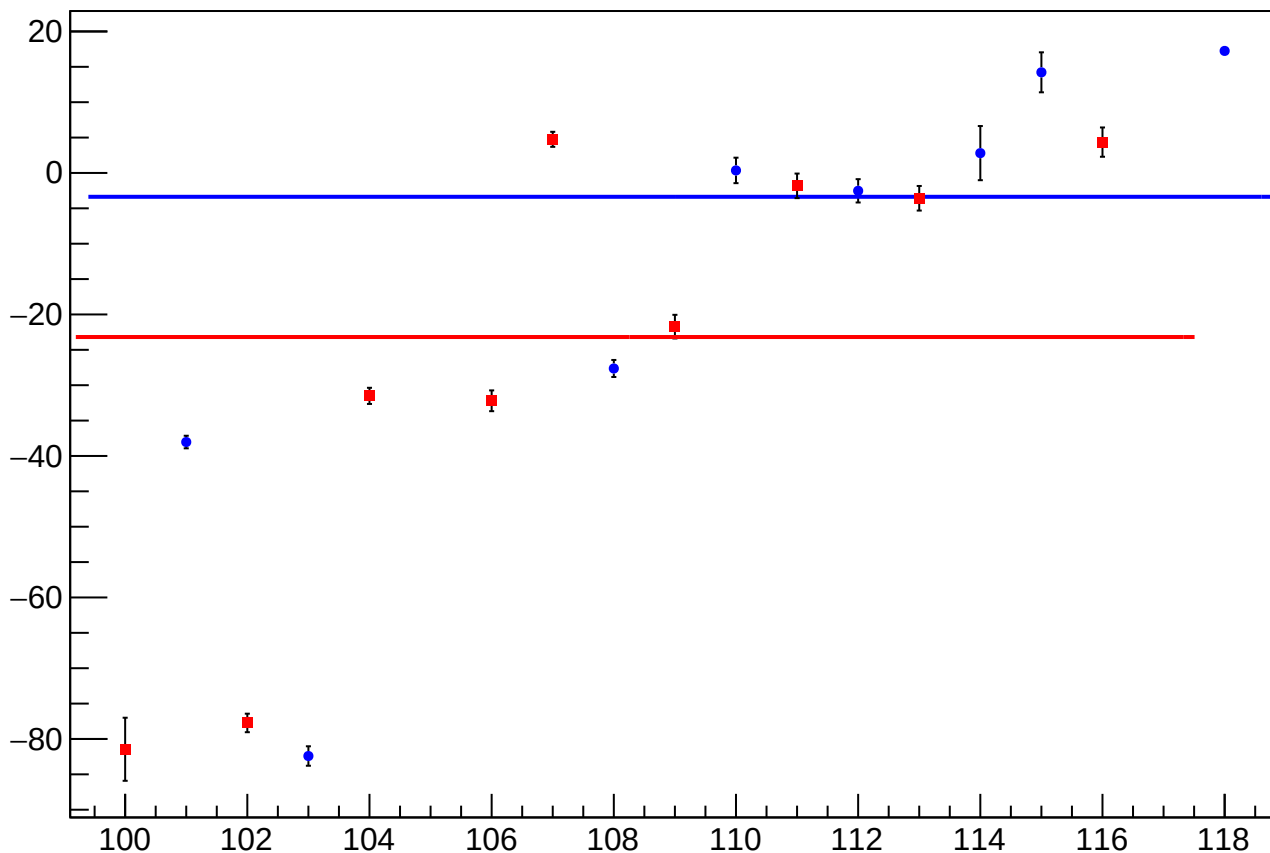
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.617 ± 0.302 χ^2/NDF : 499.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



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: -23.189 ± 0.500 χ^2/NDF : 3147.4/8

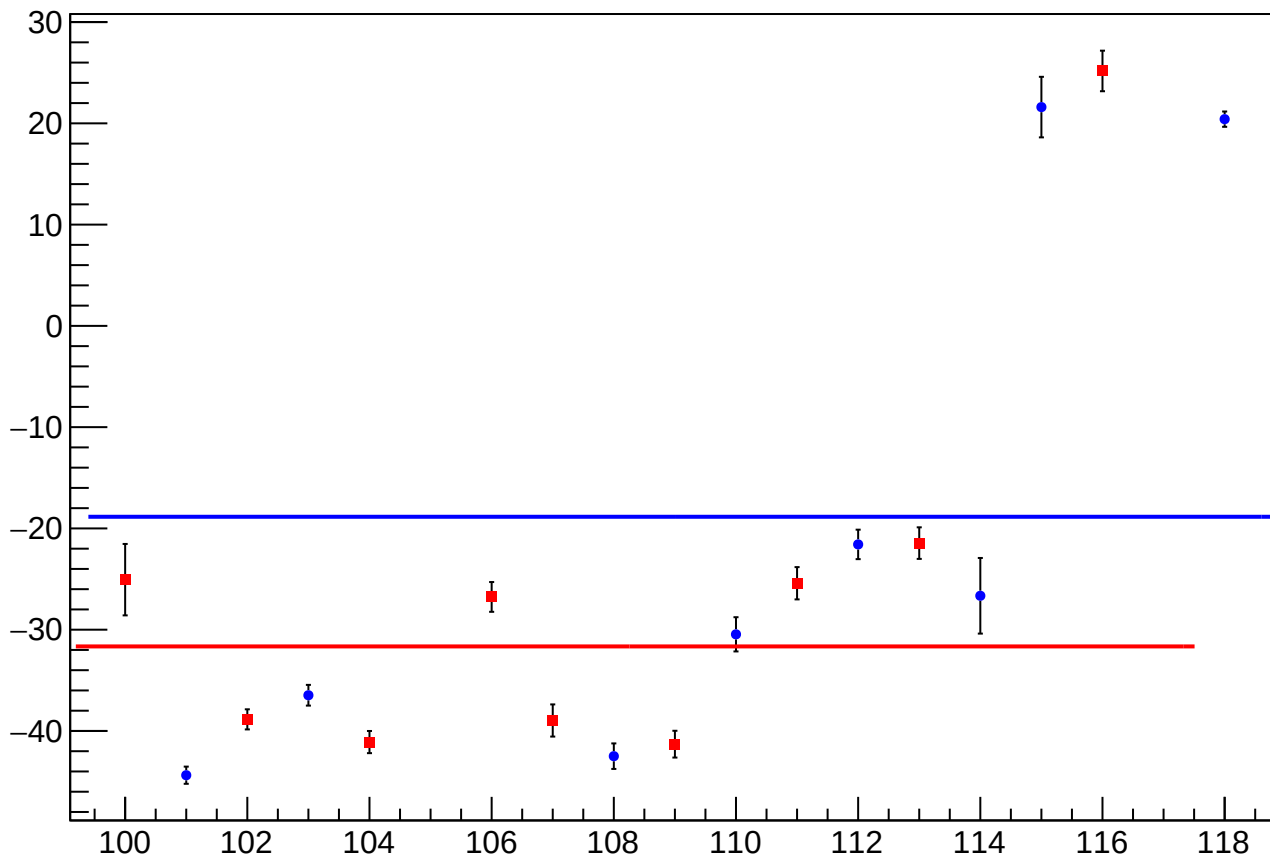
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.919 ± 0.287 χ^2/NDF : 11498.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -18.849 ± 0.418 $\chi^2/\text{NDF}: 4482.9/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.653 ± 0.476 $\chi^2/\text{NDF}: 1078.9/8$

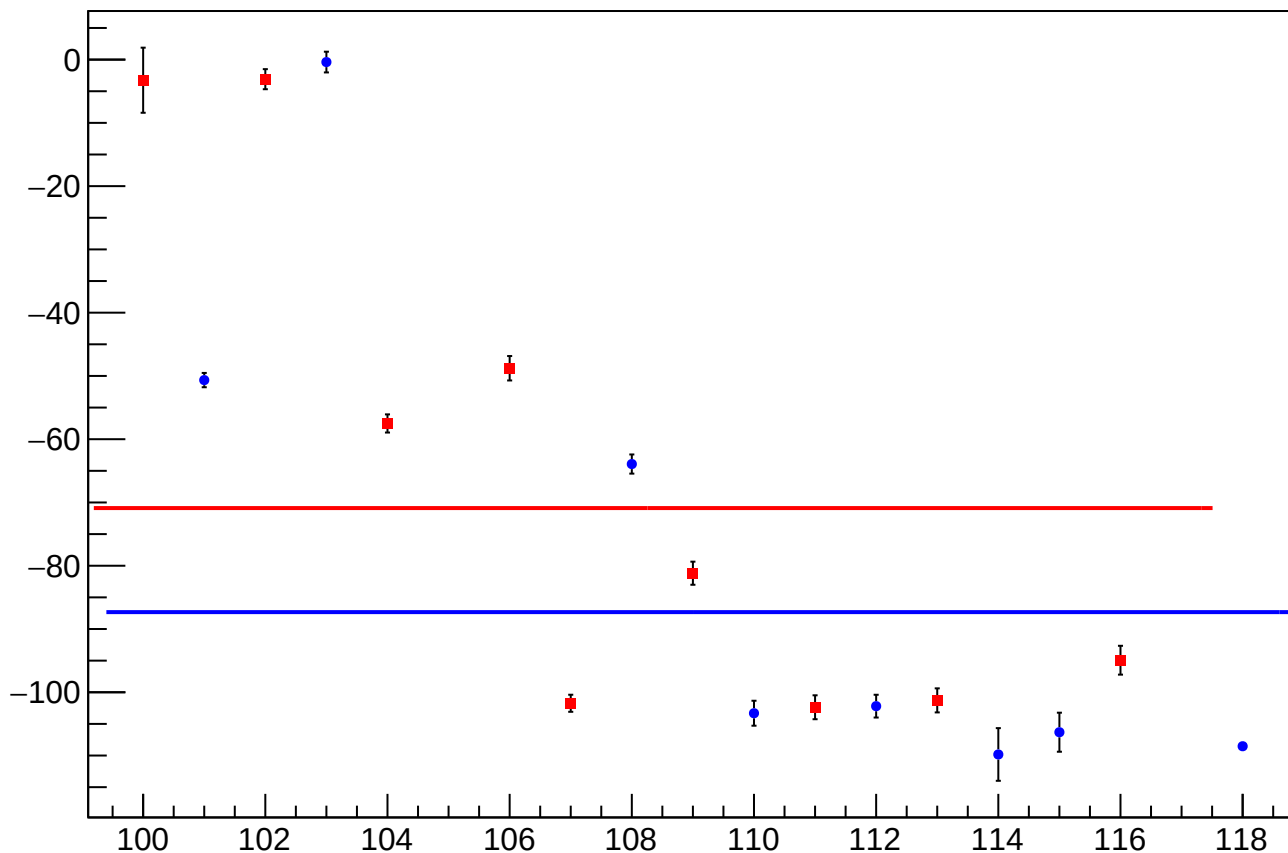
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.423 ± 0.314 $\chi^2/\text{NDF}: 5970.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -87.332 ± 0.442 χ^2/NDF : 5562.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -70.886 ± 0.599 χ^2/NDF : 3415.9/8

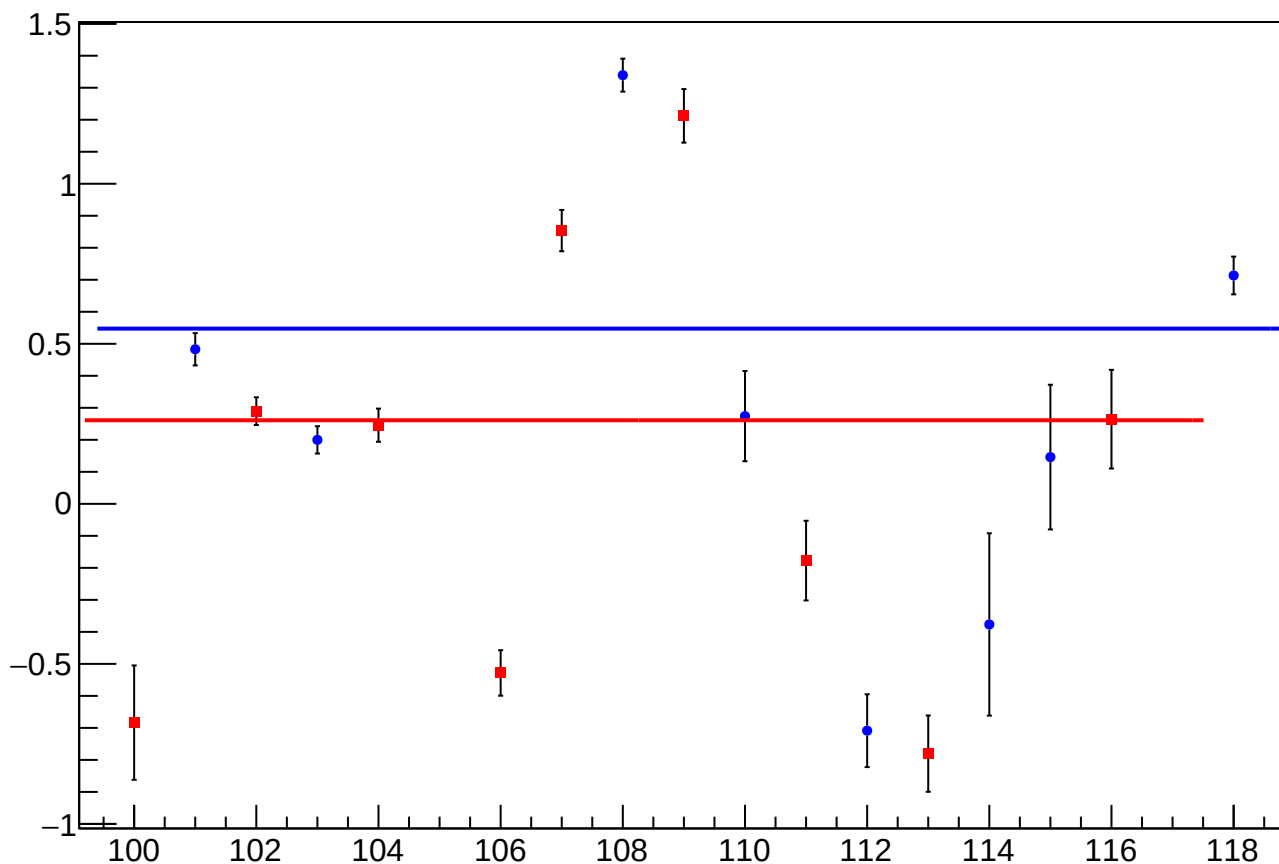
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.530 ± 0.356 χ^2/NDF : 9466.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.547 $\pm$ 0.024 χ^2 /NDF: 451.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.261 $\pm$ 0.024 χ^2 /NDF: 454.0/8

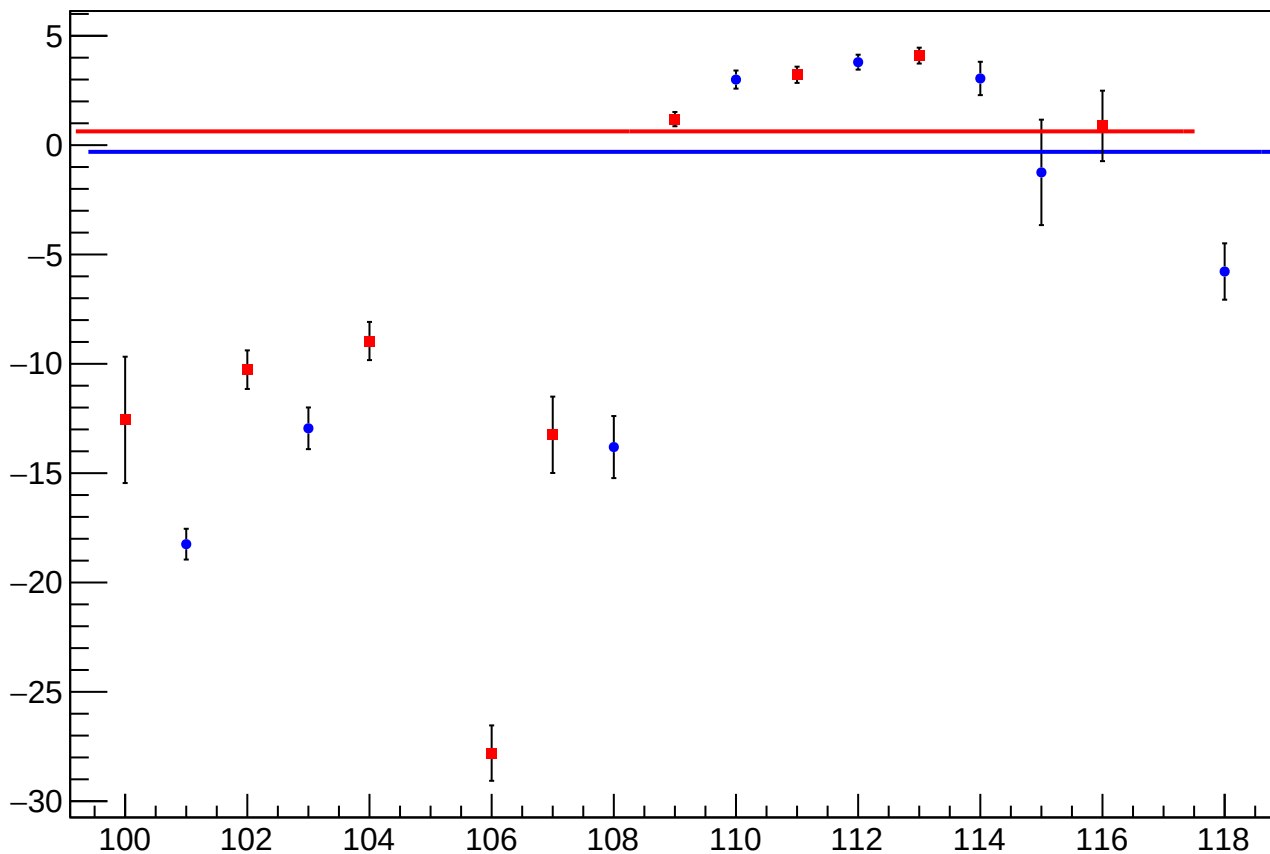
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.407 $\pm$ 0.017 χ^2 /NDF: 976.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



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: 0.630 ± 0.188 χ^2/NDF : 1004.0/8

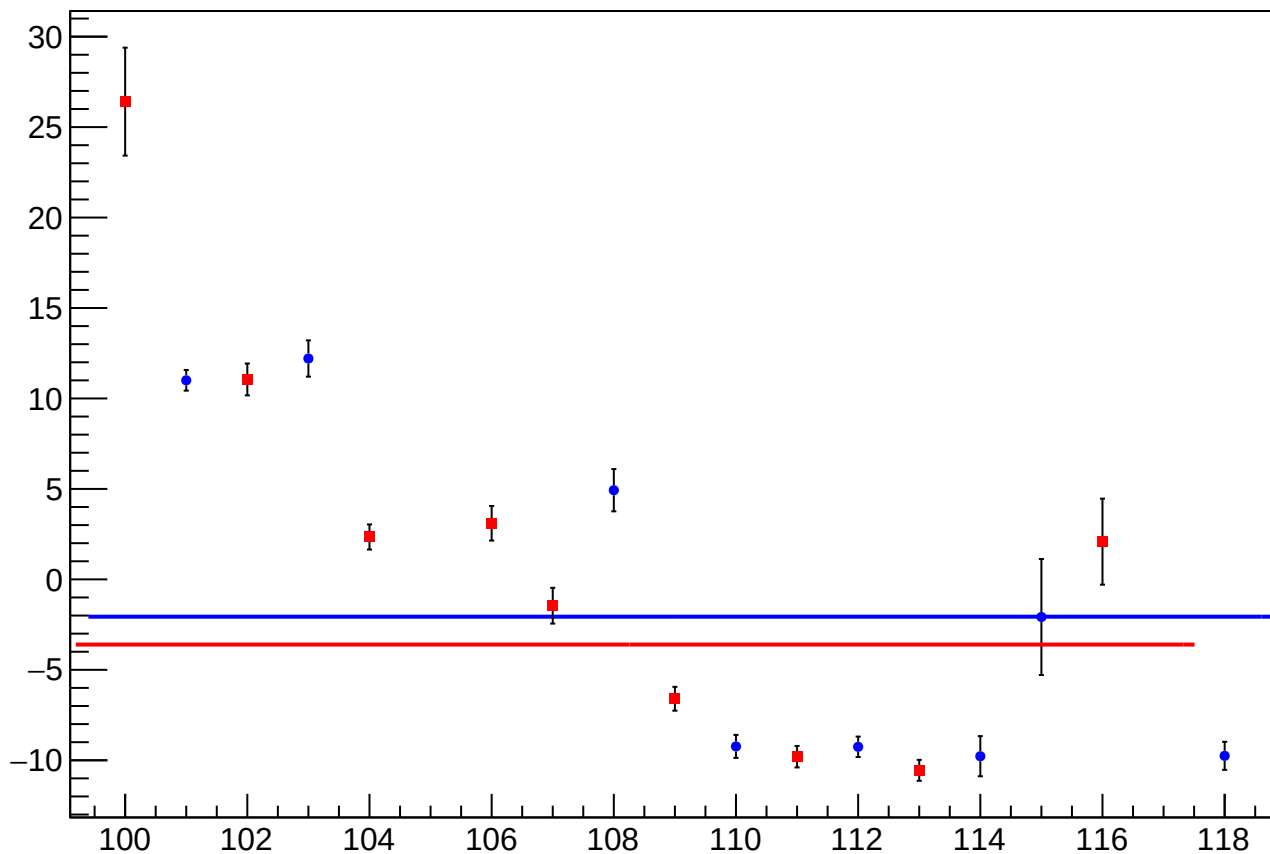
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.236 ± 0.143 χ^2/NDF : 2176.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



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: -3.605 ± 0.268 χ^2/NDF : 784.9/8

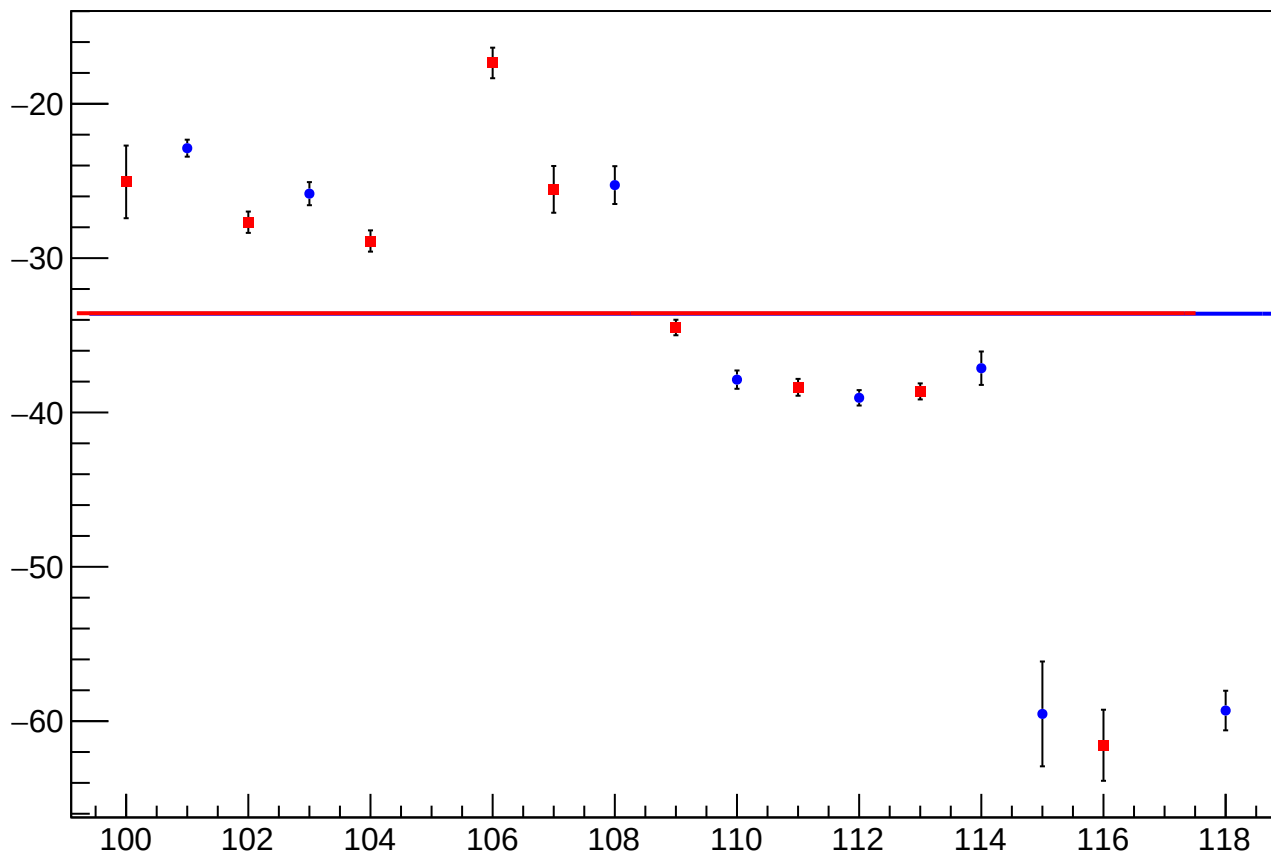
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.860 ± 0.193 χ^2/NDF : 1996.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -33.600 ± 0.266 $\chi^2/\text{NDF}: 1176.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -33.569 ± 0.242 $\chi^2/\text{NDF}: 751.9/8$

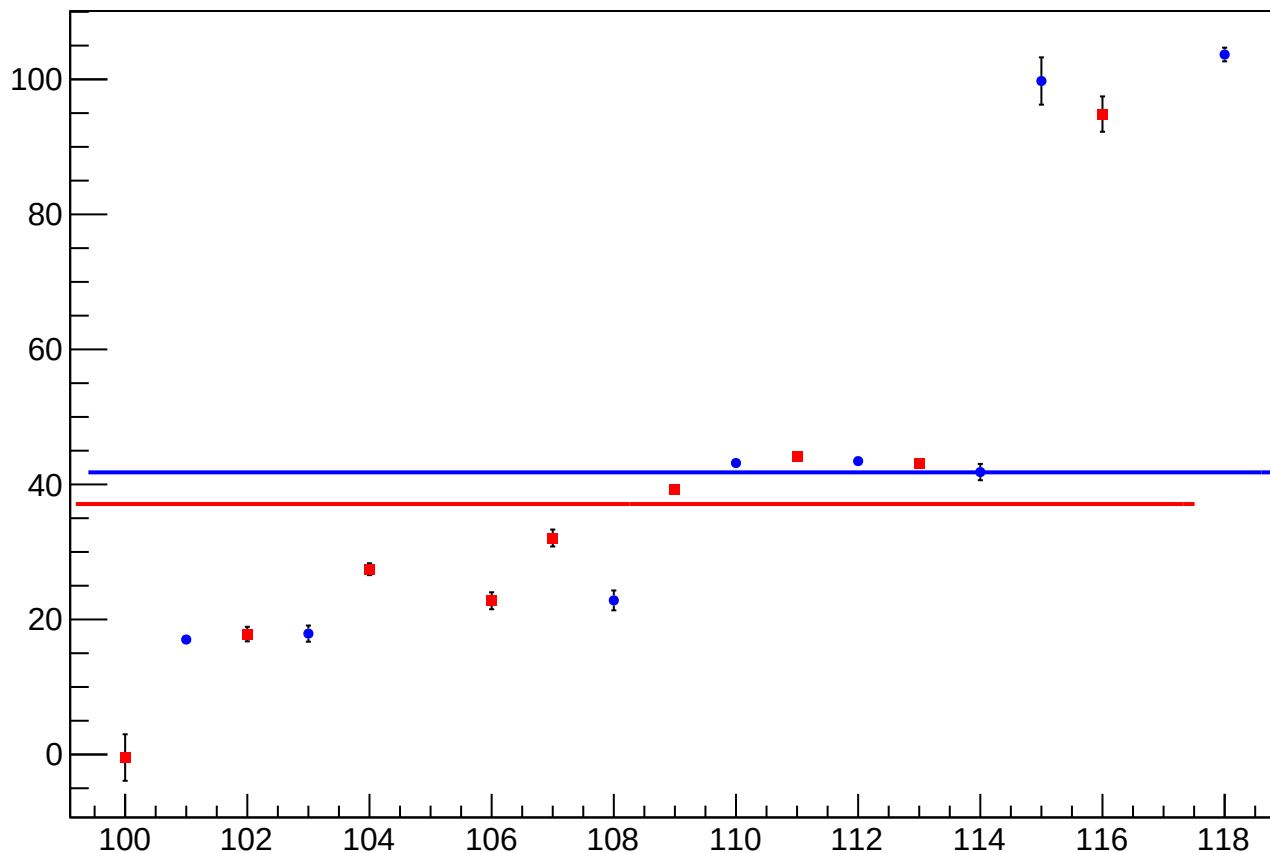
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -33.583 ± 0.179 $\chi^2/\text{NDF}: 1927.8/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 41.789 $\pm$ 0.325 χ^2 /NDF: 5724.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.098 $\pm$ 0.307 χ^2 /NDF: 1409.3/8

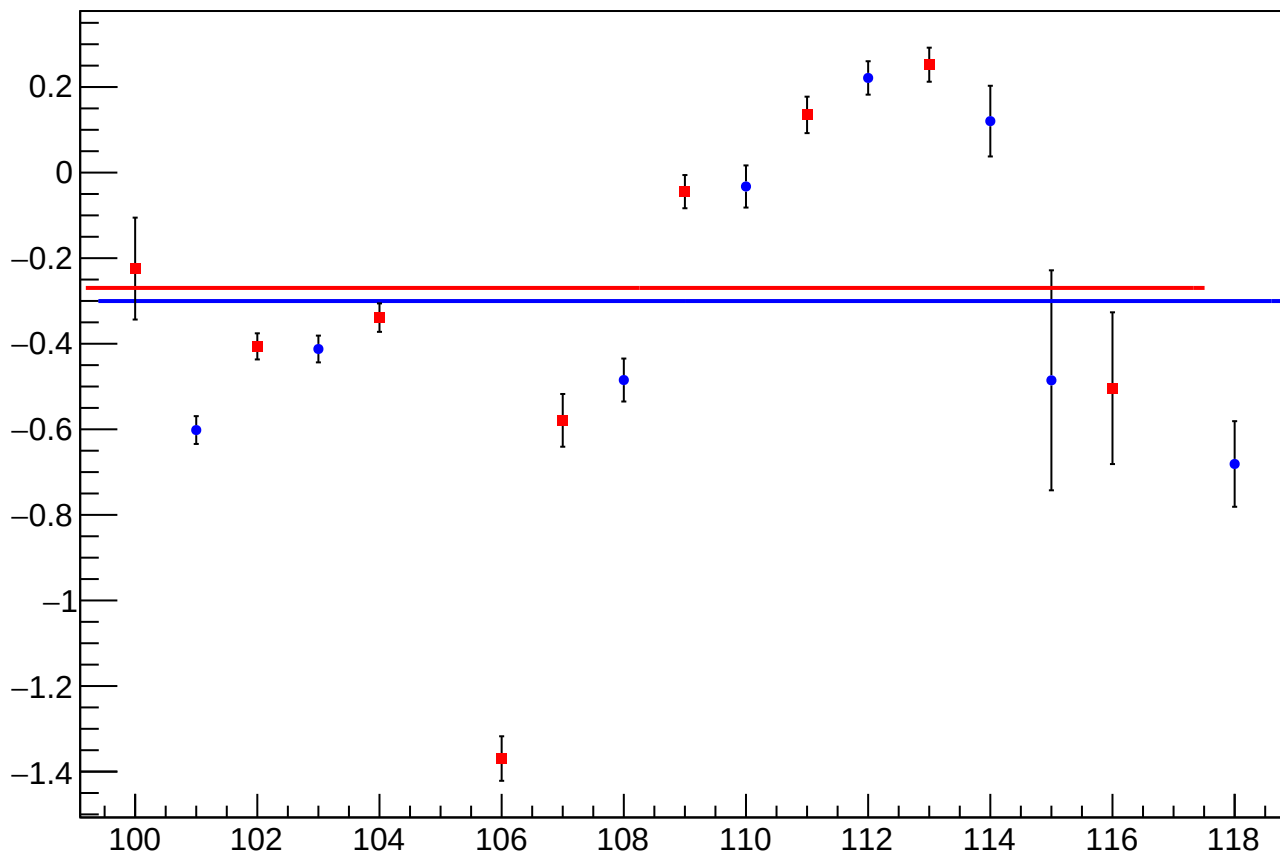
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.310 $\pm$ 0.223 χ^2 /NDF: 7243.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



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: -0.270 ± 0.015 χ^2/NDF : 794.0/8

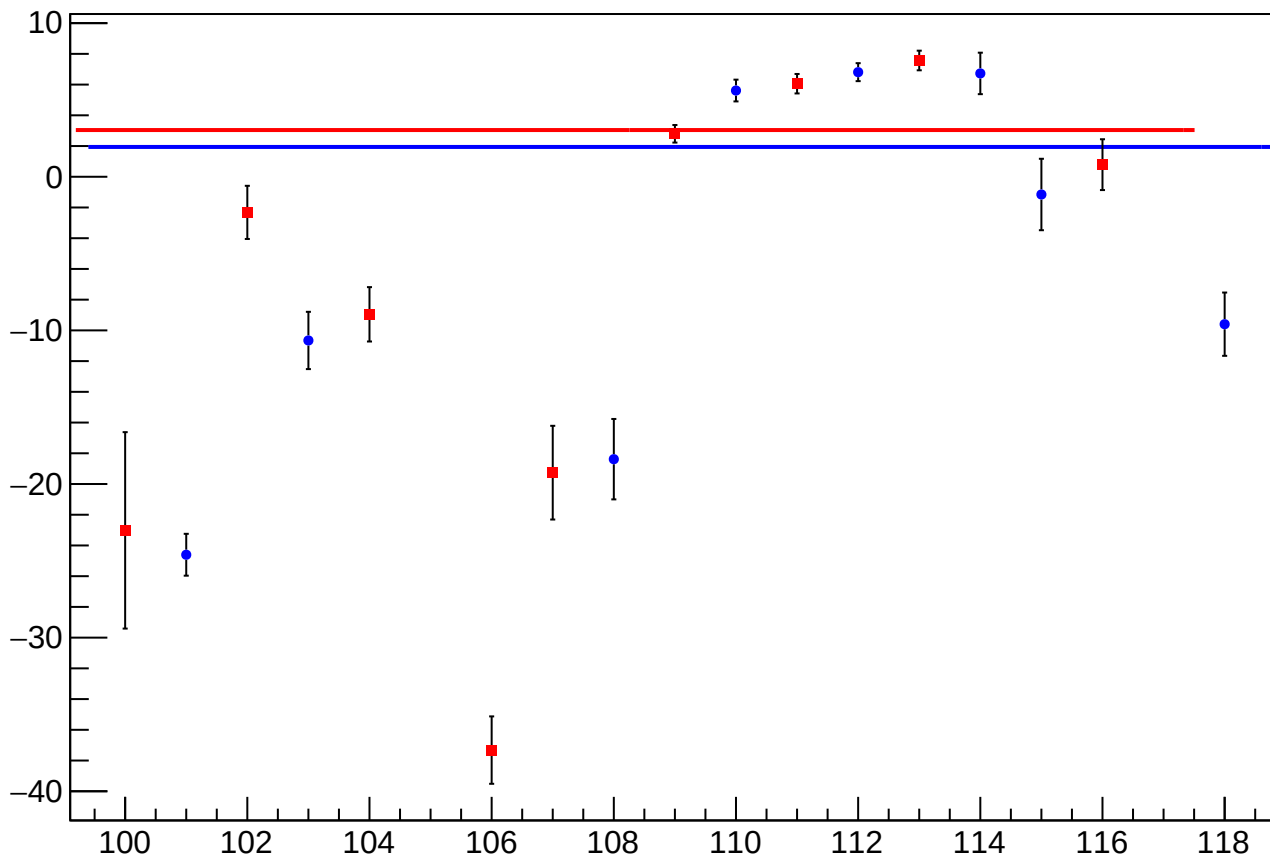
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.283 ± 0.011 χ^2/NDF : 1156.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



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: 3.041+/-0.327 χ^2/NDF : 539.0/8

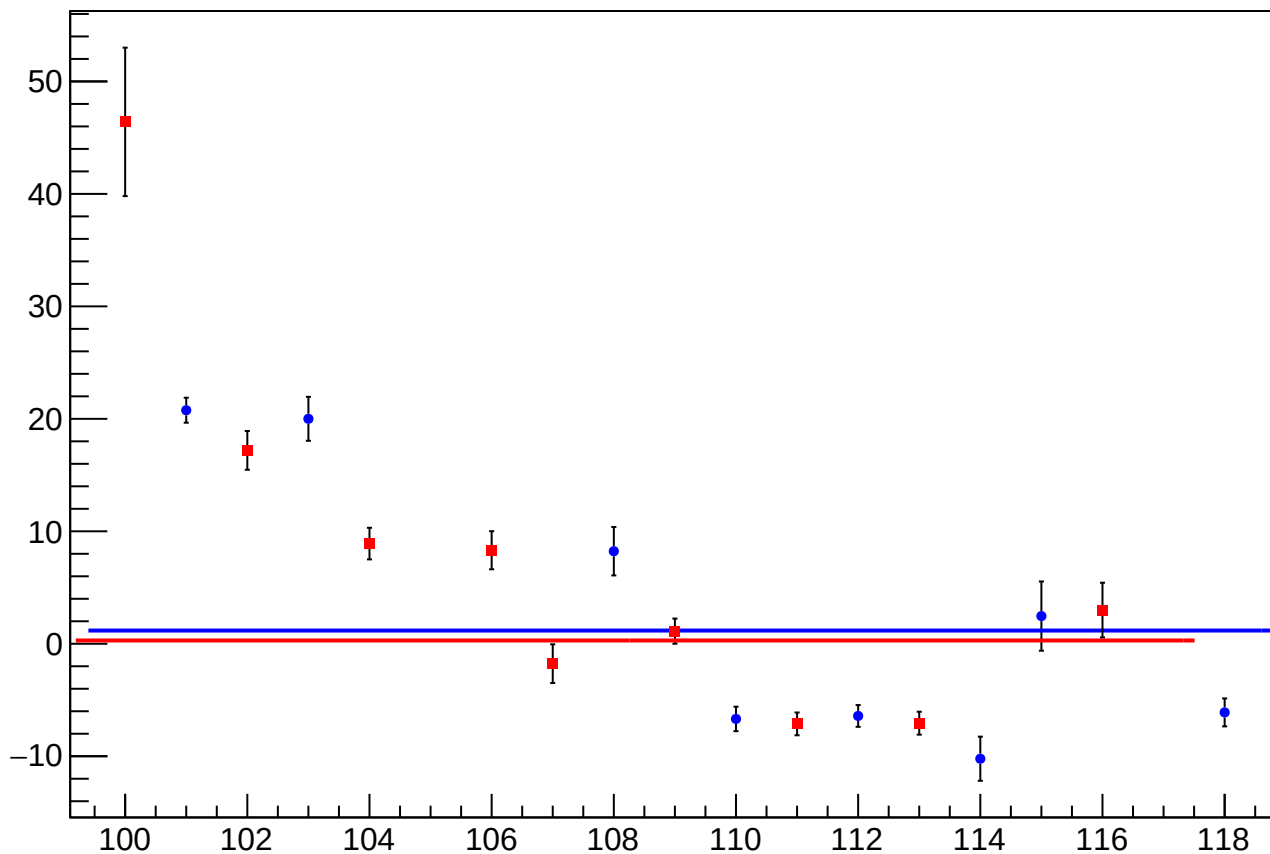
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.576+/-0.248 χ^2/NDF : 1171.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 1.177 $\pm$ 0.487 χ^2 /NDF: 596.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.292 $\pm$ 0.473 χ^2 /NDF: 314.1/8

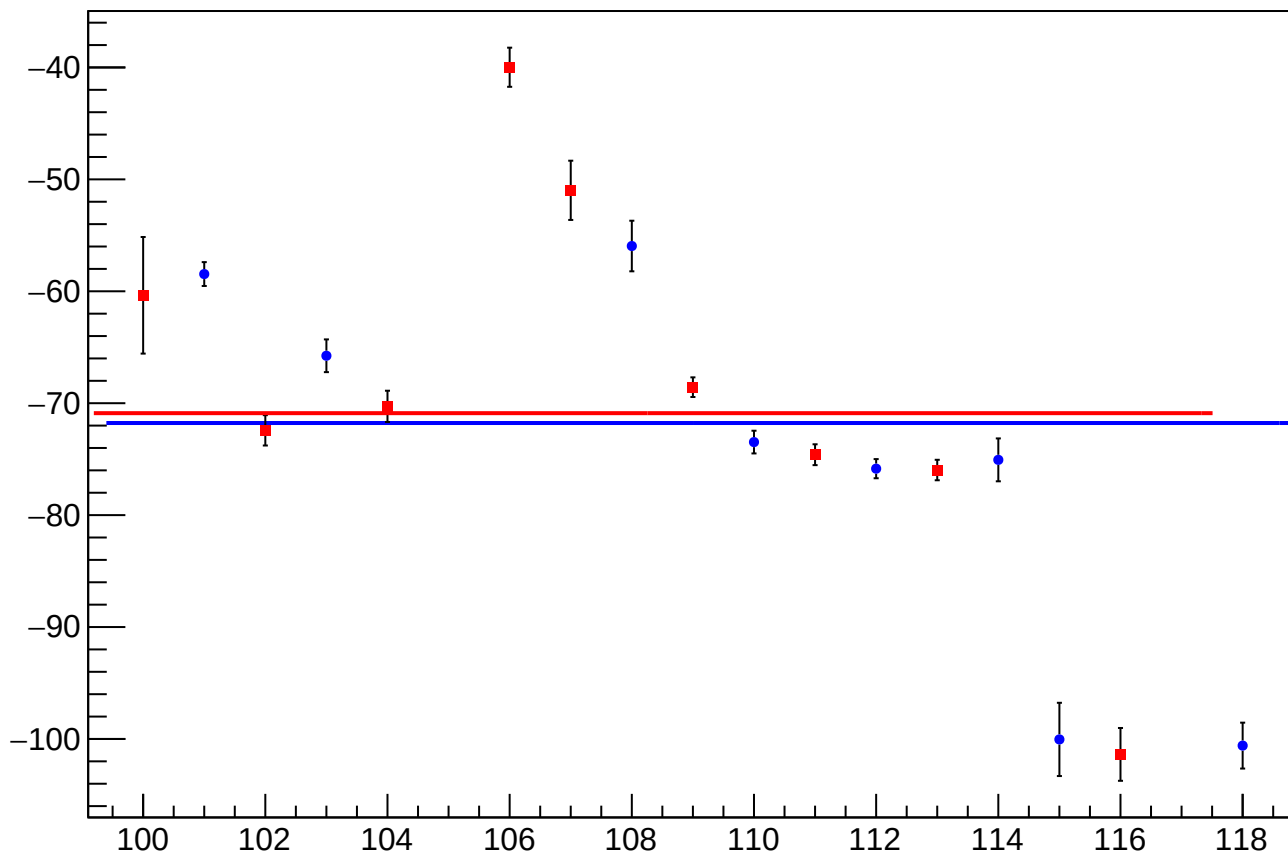
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.722 $\pm$ 0.339 χ^2 /NDF: 912.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -71.770 $\pm$ 0.472 χ^2 /NDF: 522.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.890 $\pm$ 0.431 χ^2 /NDF: 595.4/8

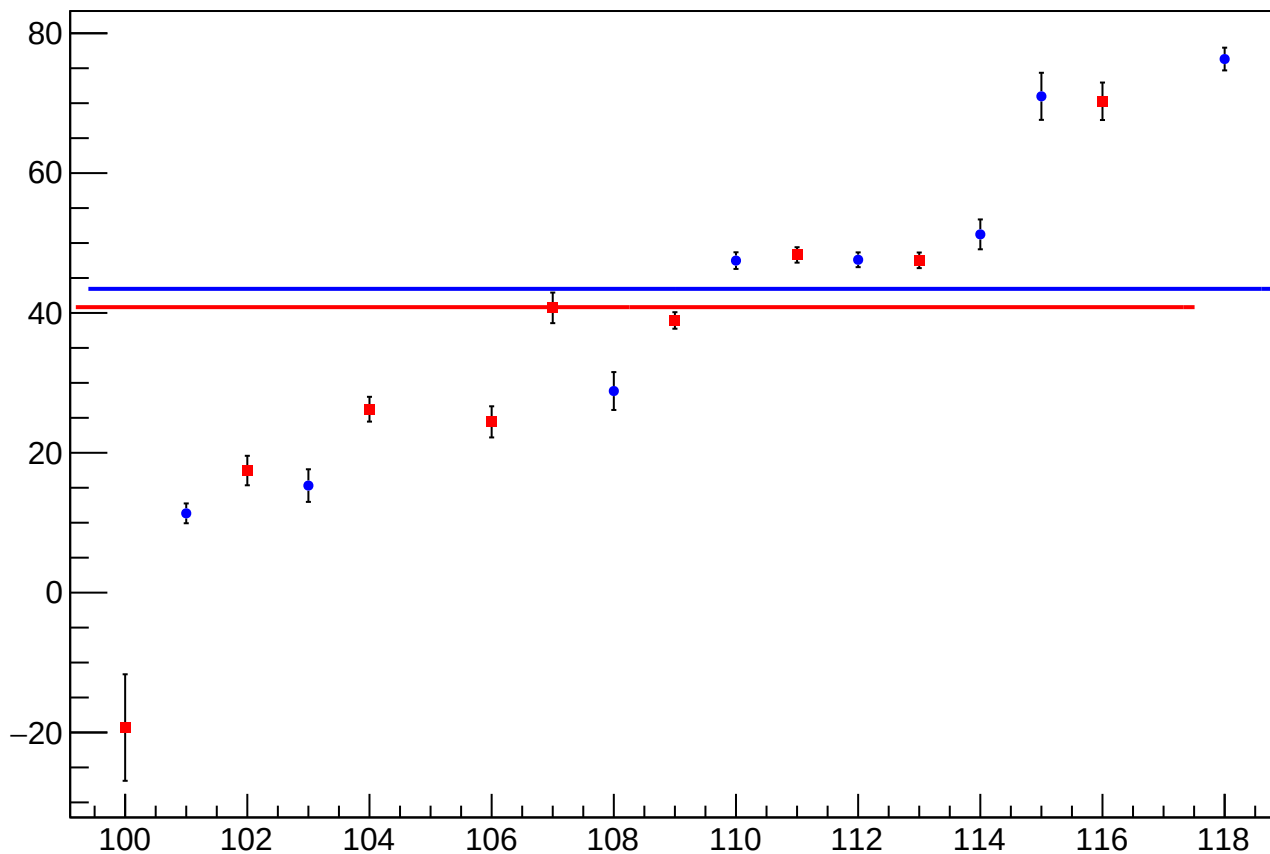
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.289 $\pm$ 0.318 χ^2 /NDF: 1119.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 43.446 $\pm$ 0.568 χ^2 /NDF: 1204.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.829 $\pm$ 0.538 χ^2 /NDF: 512.3/8

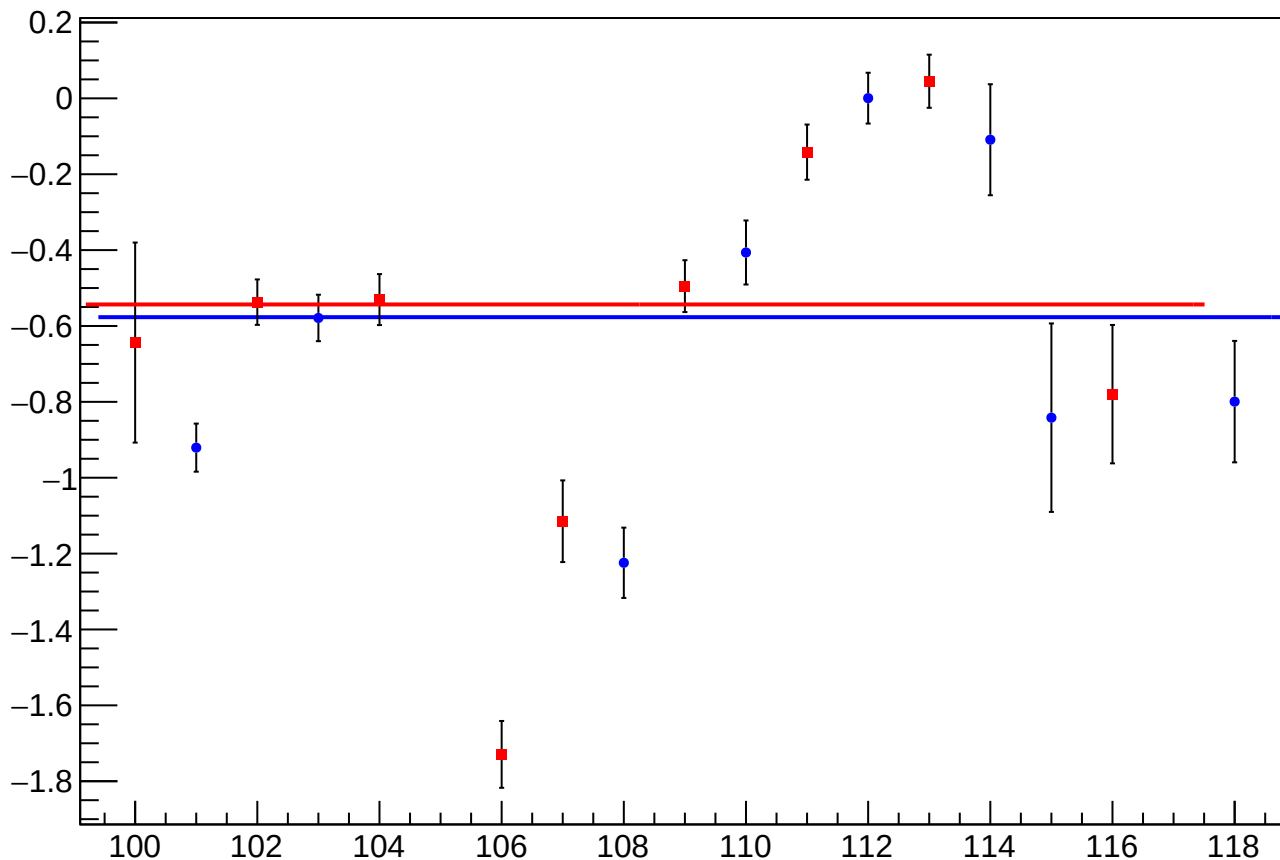
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.069 $\pm$ 0.391 χ^2 /NDF: 1727.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



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: -0.543 ± 0.027 χ^2/NDF : 312.9/8

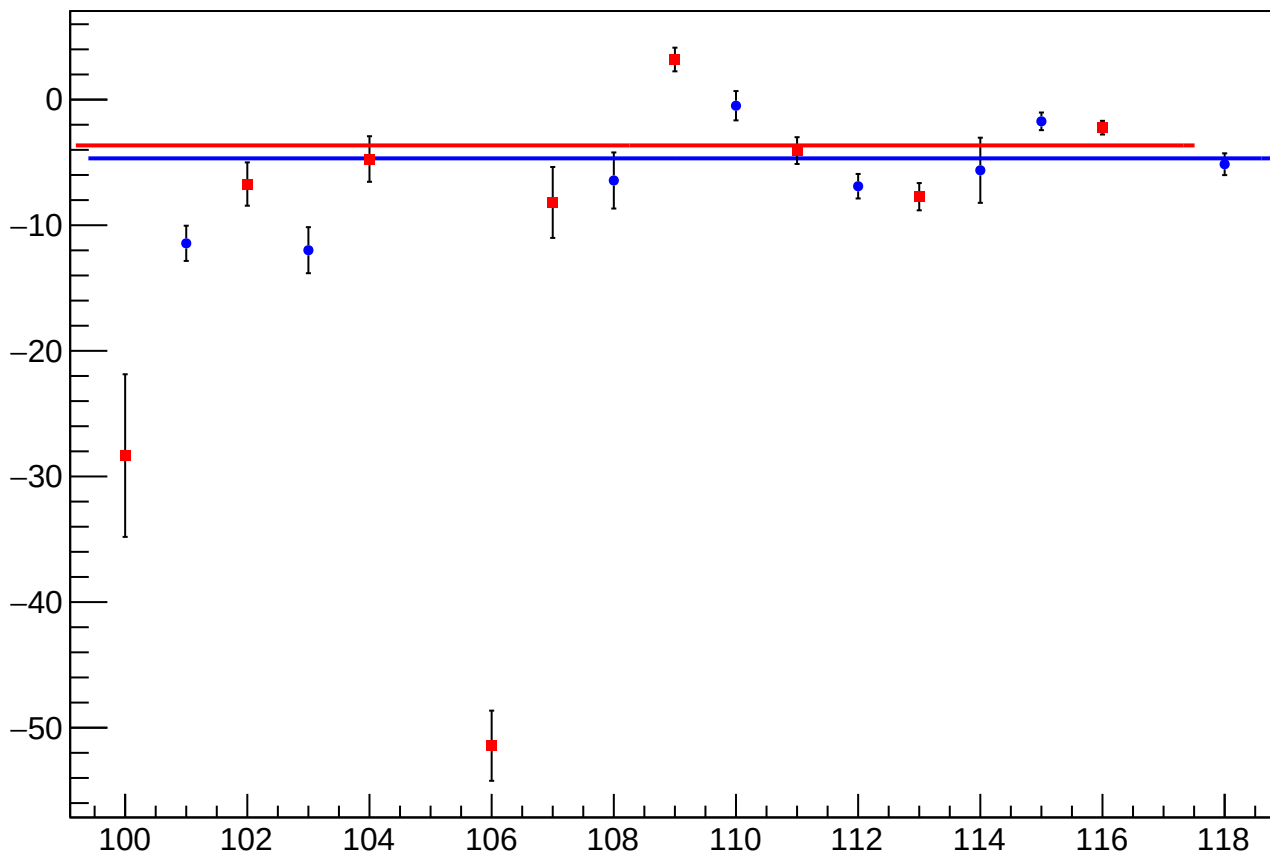
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.558 ± 0.020 χ^2/NDF : 483.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



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: -3.646 ± 0.374 χ^2/NDF : 387.4/8

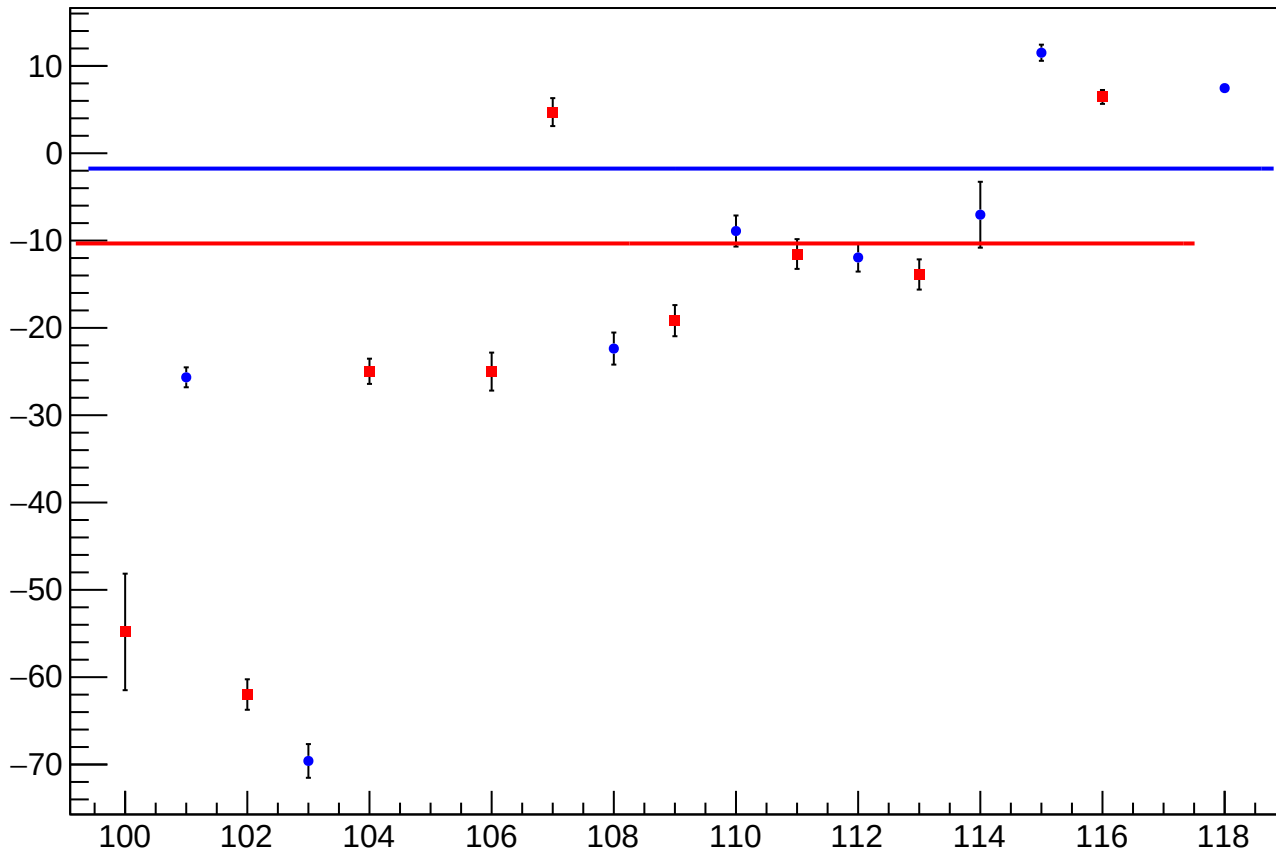
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.129 ± 0.273 χ^2/NDF : 466.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



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: -10.332+/-0.500 χ^2/NDF : 1631.9/8

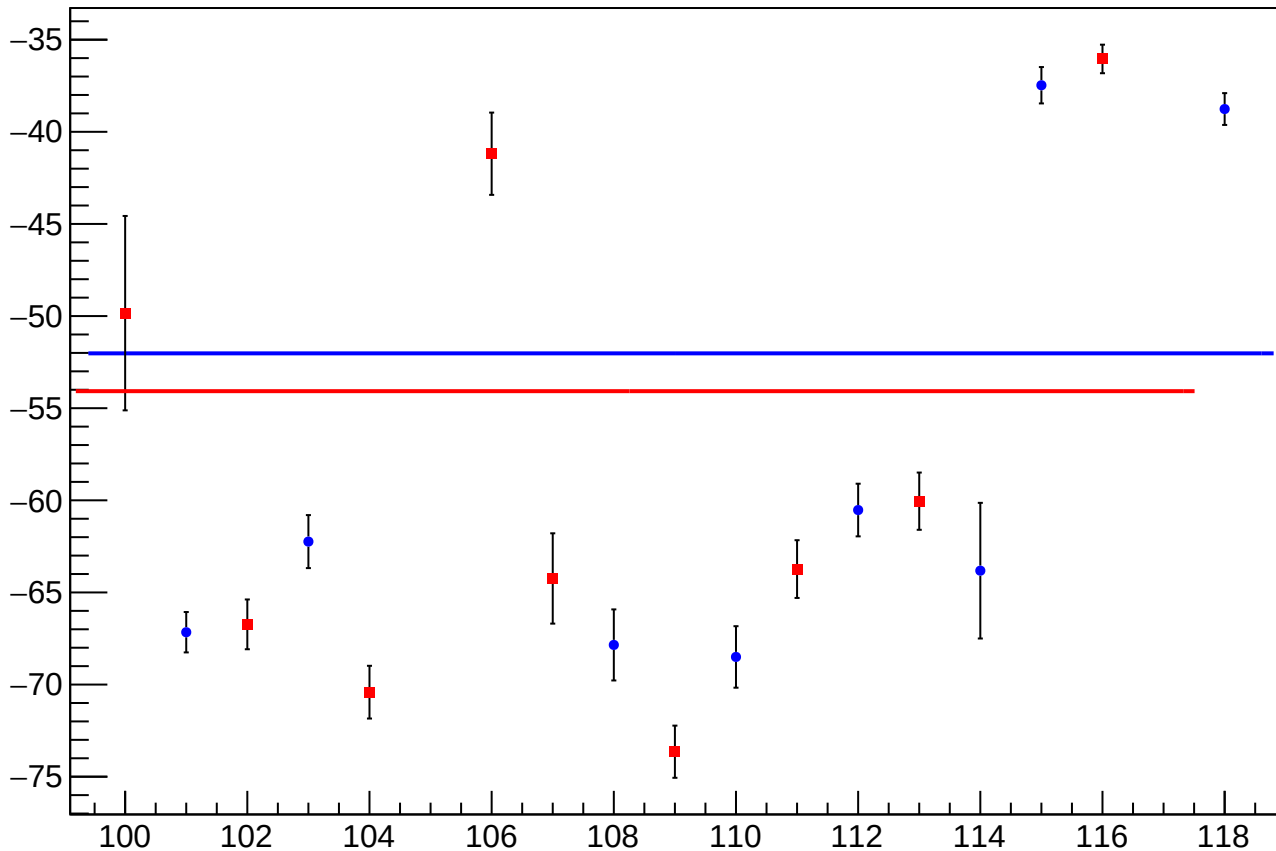
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.899+/-0.302 χ^2/NDF : 4192.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



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: -54.076 $\pm$ 0.475 χ^2 /NDF: 1054.5/8

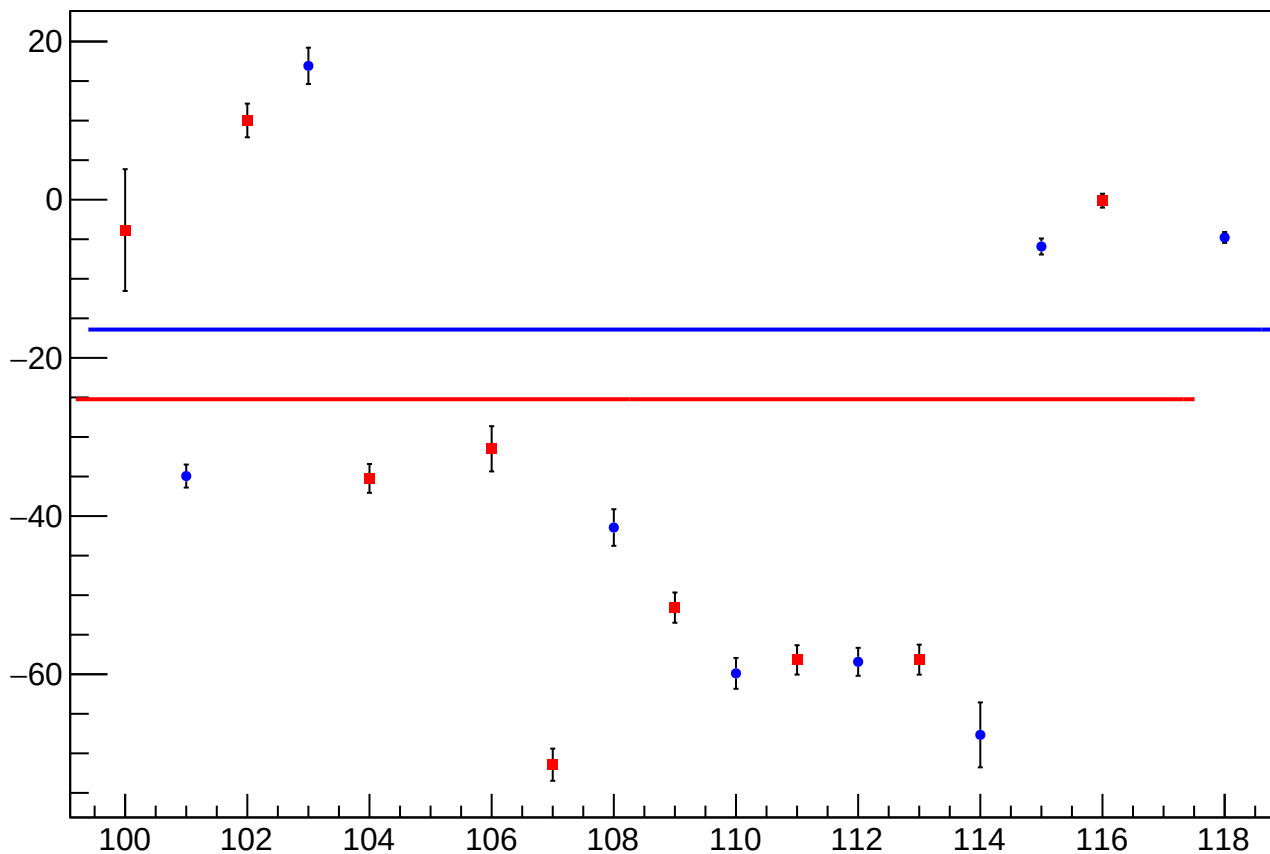
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.000 $\pm$ 0.328 χ^2 /NDF: 1969.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -16.418 ± 0.466 χ^2/NDF : 2105.6/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.227 ± 0.573 χ^2/NDF : 2461.9/8

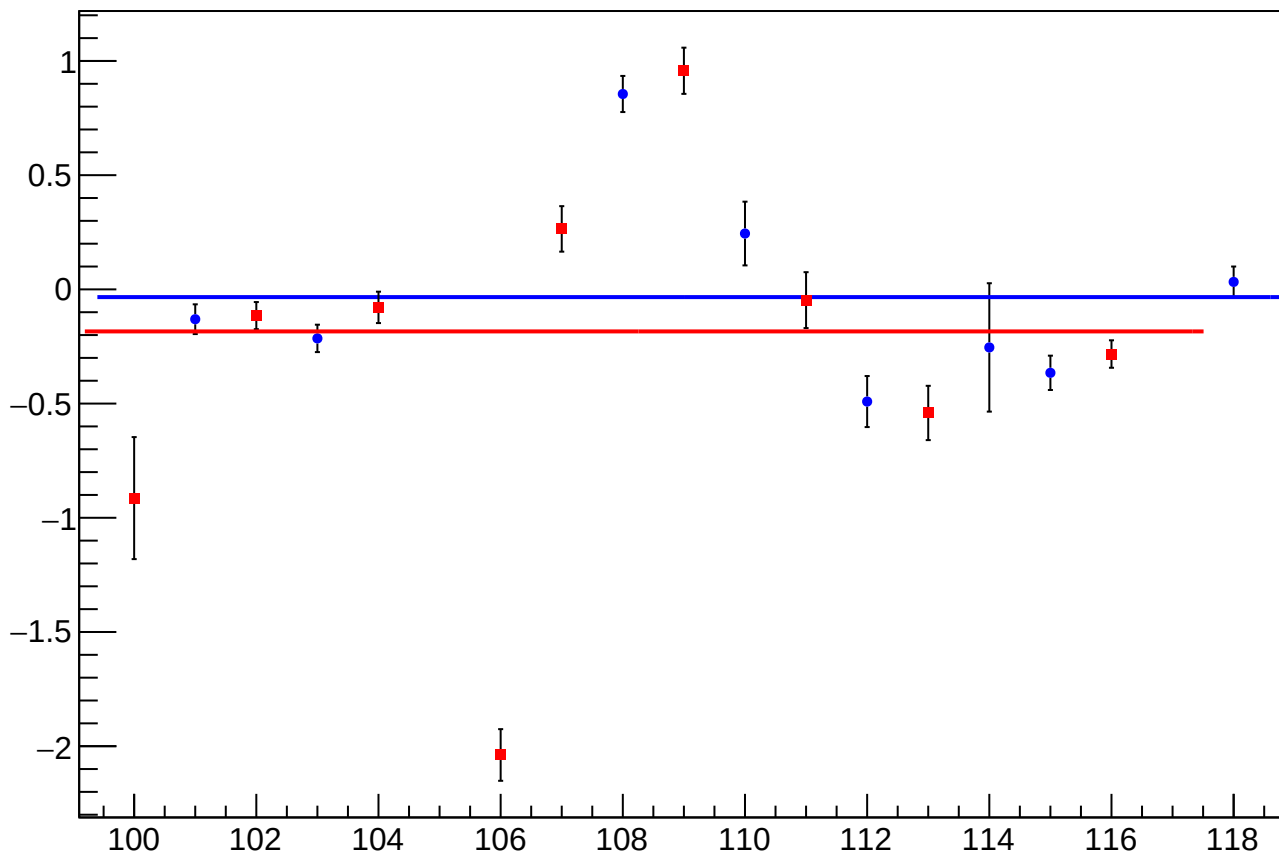
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.928 ± 0.362 χ^2/NDF : 4709.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: -0.034 $\pm$ 0.029 χ^2 /NDF: 179.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.184 $\pm$ 0.029 χ^2 /NDF: 440.8/8

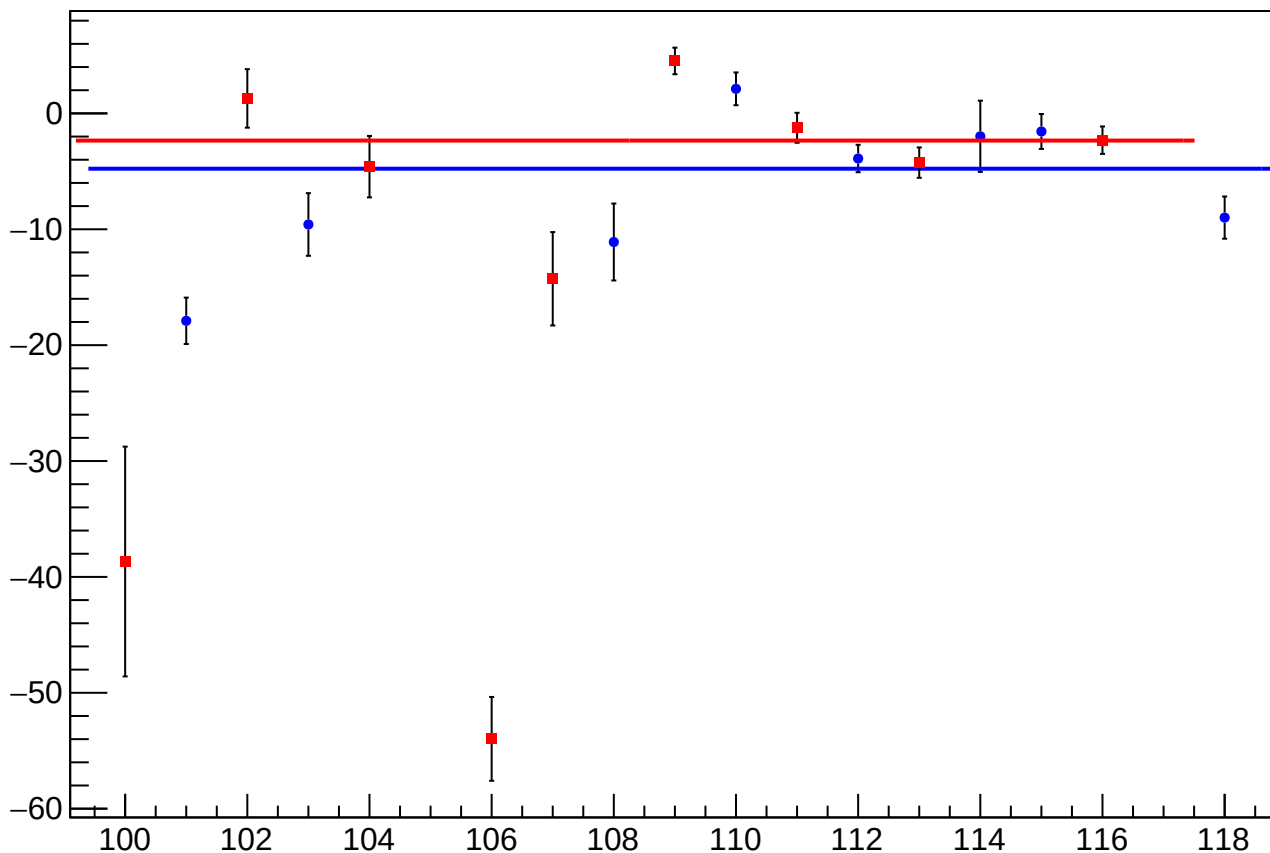
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.108 $\pm$ 0.020 χ^2 /NDF: 634.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



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: -2.344 ± 0.568 χ^2/NDF : 267.5/8

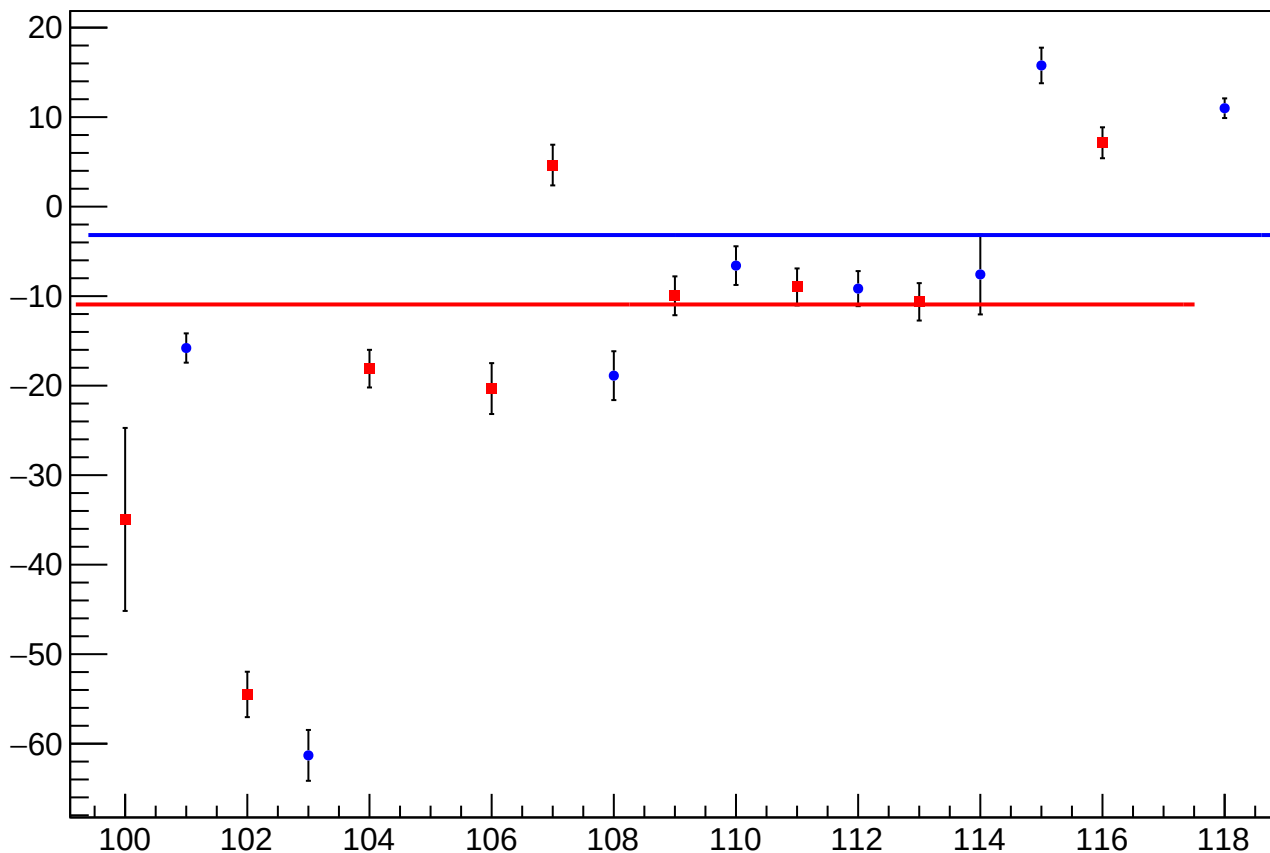
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.437 ± 0.421 χ^2/NDF : 360.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



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: -10.930+/-0.763 χ^2/NDF : 480.4/8

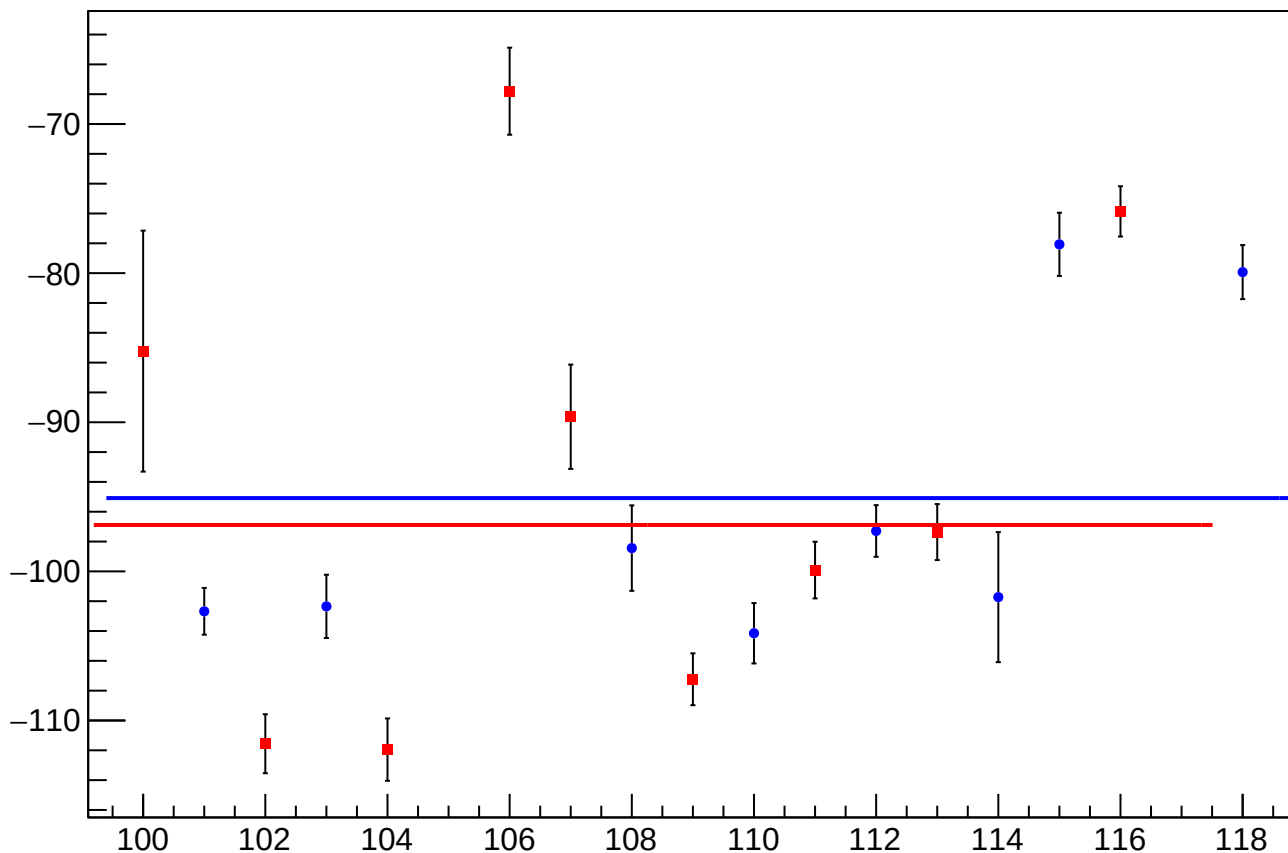
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.543+/-0.503 χ^2/NDF : 1320.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -95.087 ± 0.724 χ^2/NDF : 195.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -96.890 ± 0.718 χ^2/NDF : 406.2/8

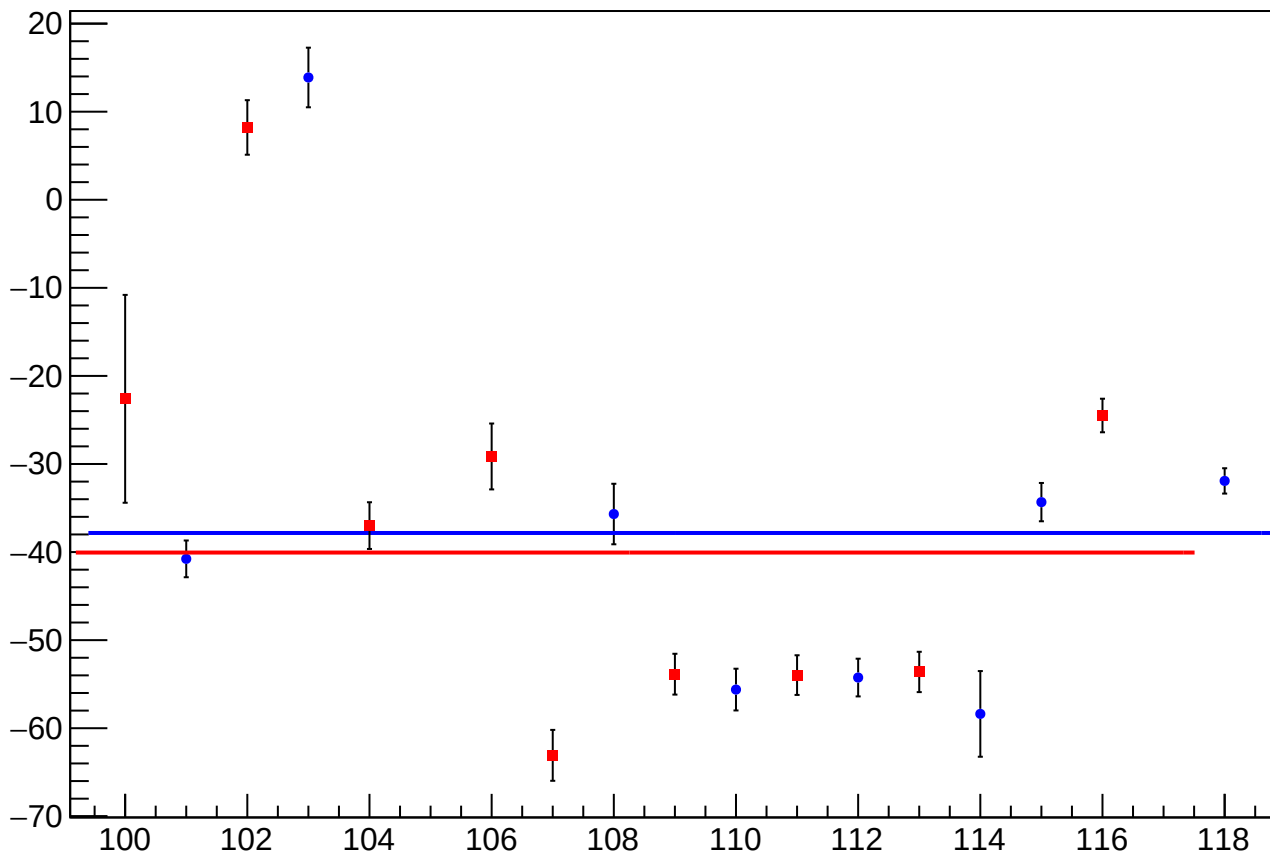
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -95.997 ± 0.510 χ^2/NDF : 604.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



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: -40.055 ± 0.879 χ^2/NDF : 493.9/8

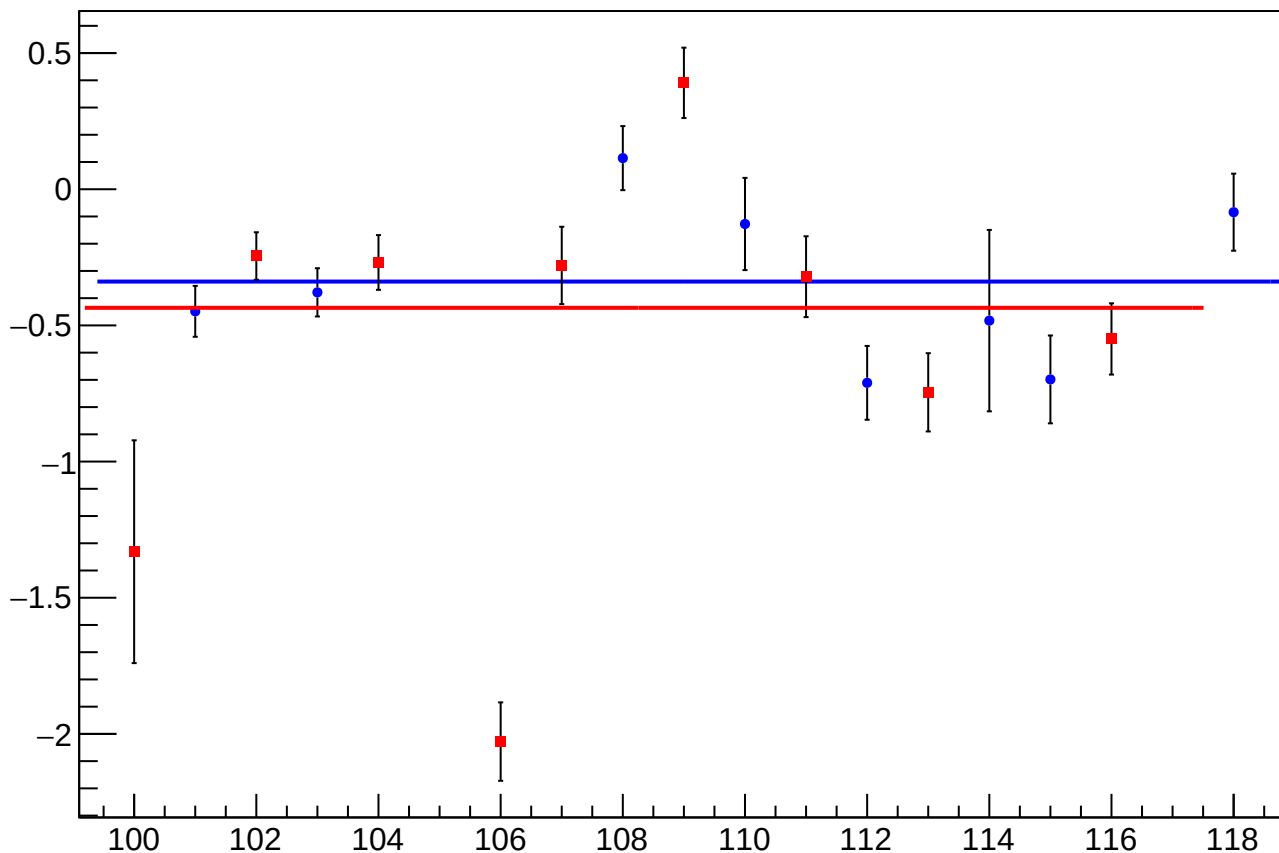
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.849 ± 0.594 χ^2/NDF : 885.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



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: -0.435 ± 0.043 χ^2/NDF : 182.7/8

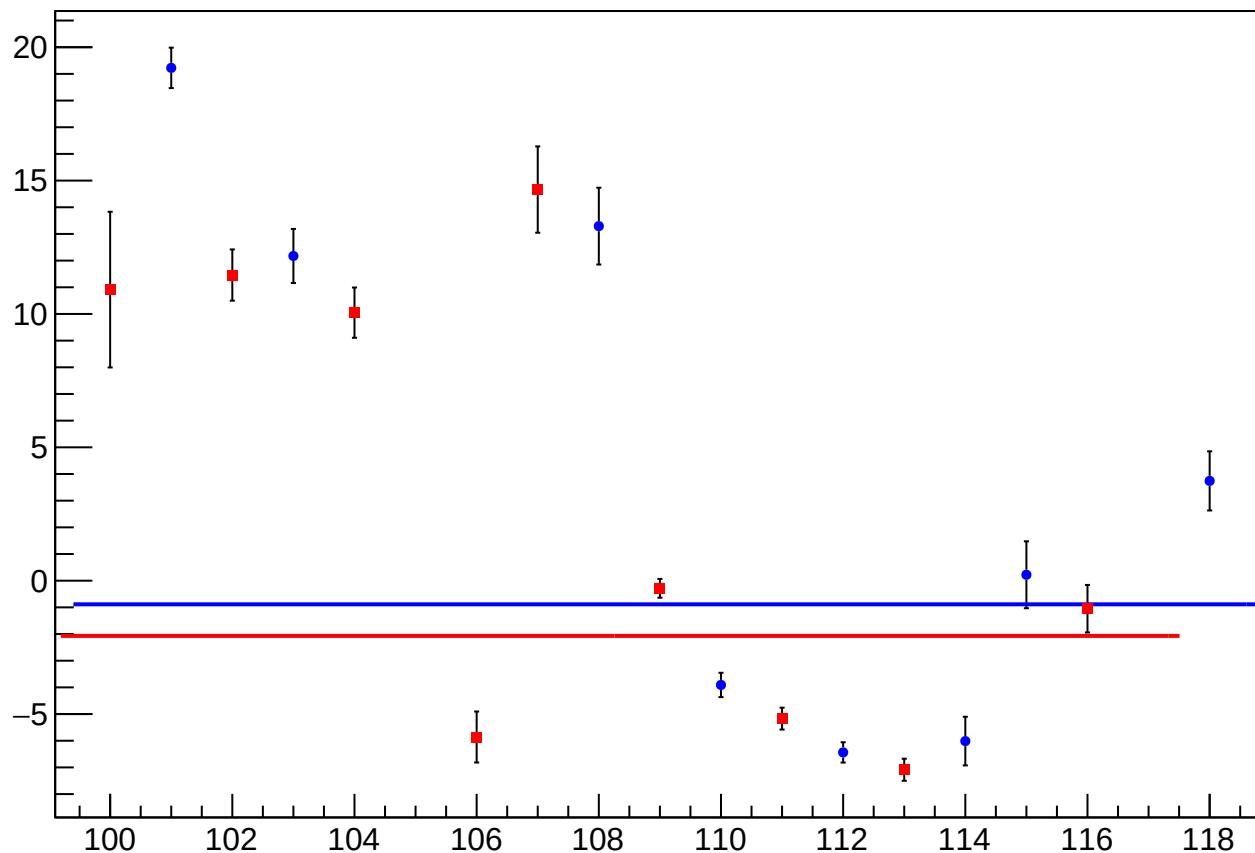
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.389 ± 0.031 χ^2/NDF : 219.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



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: -2.070 ± 0.200 χ^2/NDF : 737.3/8

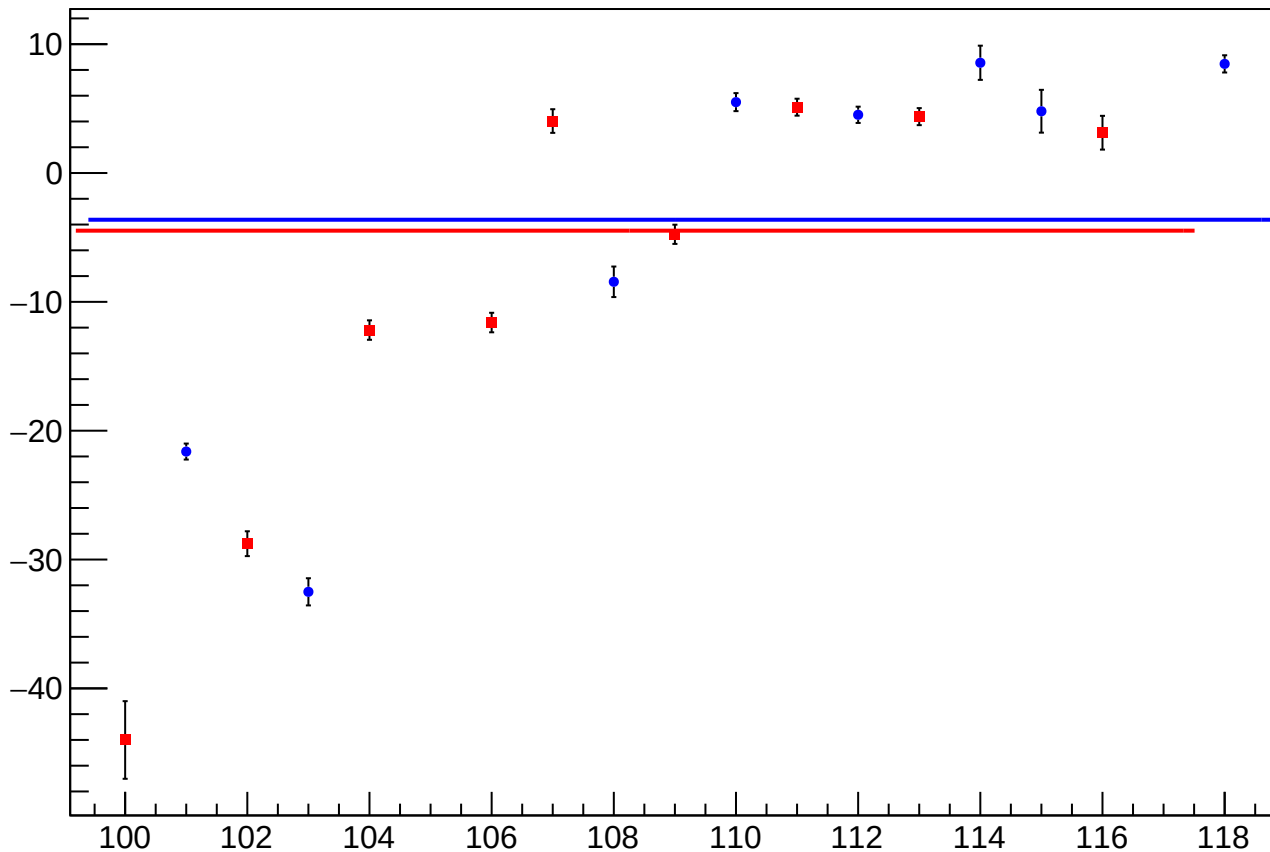
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.580 ± 0.153 χ^2/NDF : 2026.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



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: -4.474+/-0.279 χ^2/NDF : 1511.8/8

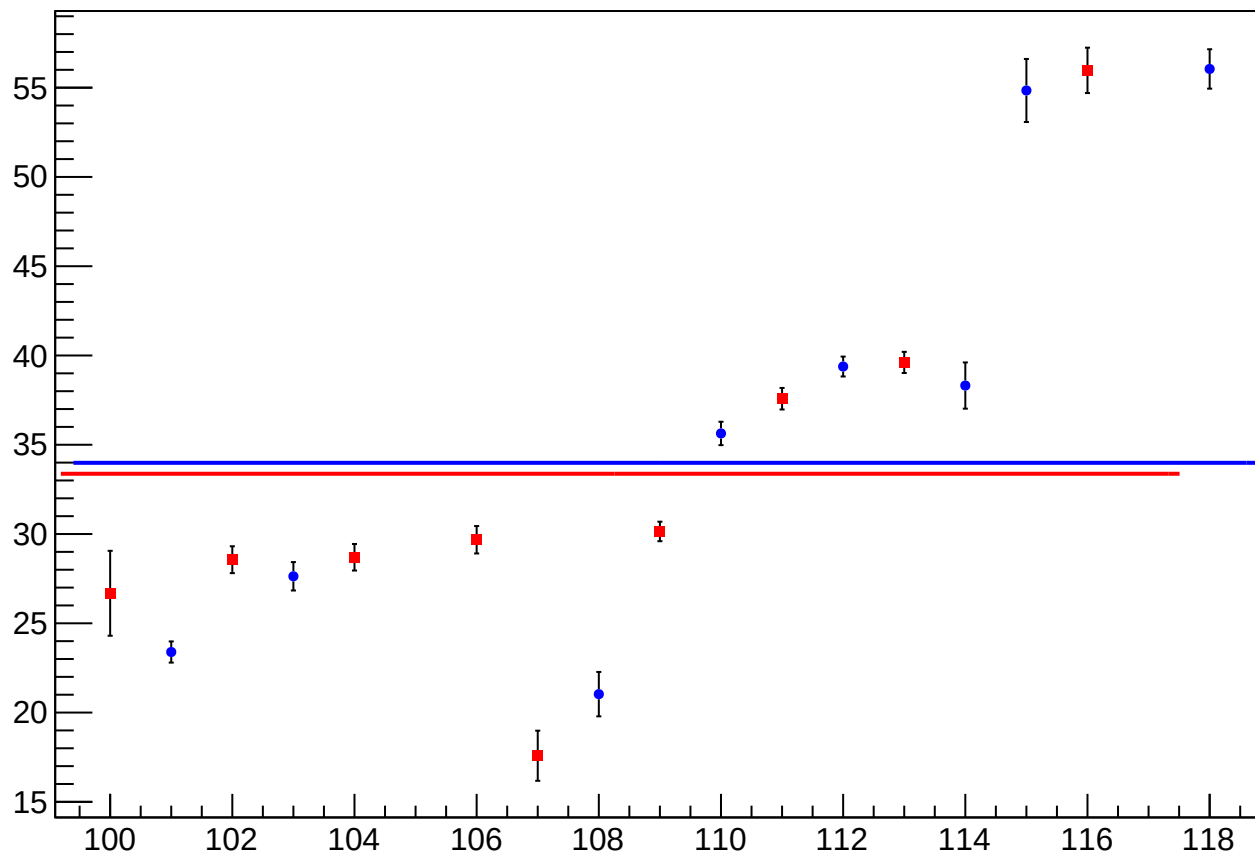
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.066+/-0.201 χ^2/NDF : 3897.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 33.989 $\pm$ 0.284 χ^2 /NDF: 1141.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.376 $\pm$ 0.254 χ^2 /NDF: 748.1/8

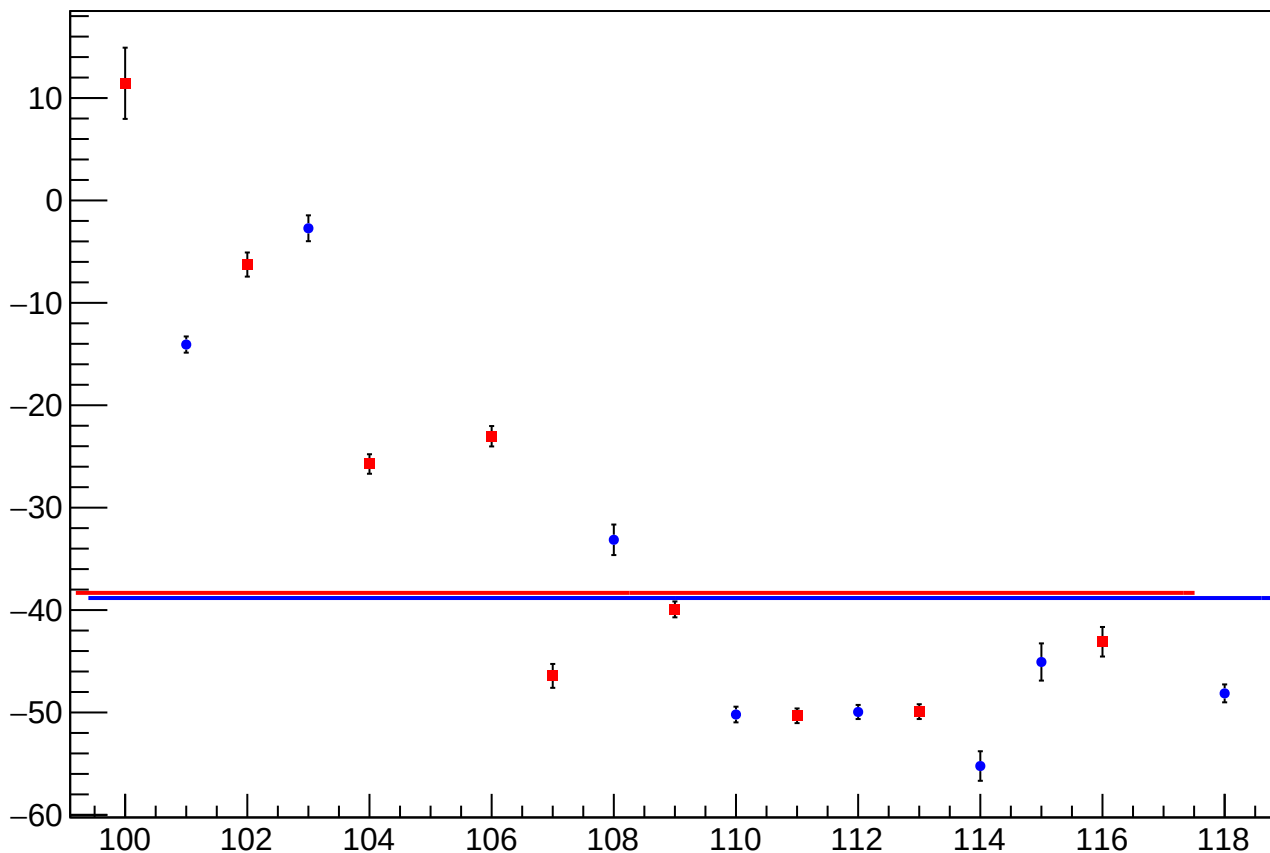
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.648 $\pm$ 0.189 χ^2 /NDF: 1892.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -38.825 $\pm$ 0.342 χ^2 /NDF: 2546.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.321 $\pm$ 0.322 χ^2 /NDF: 1958.7/8

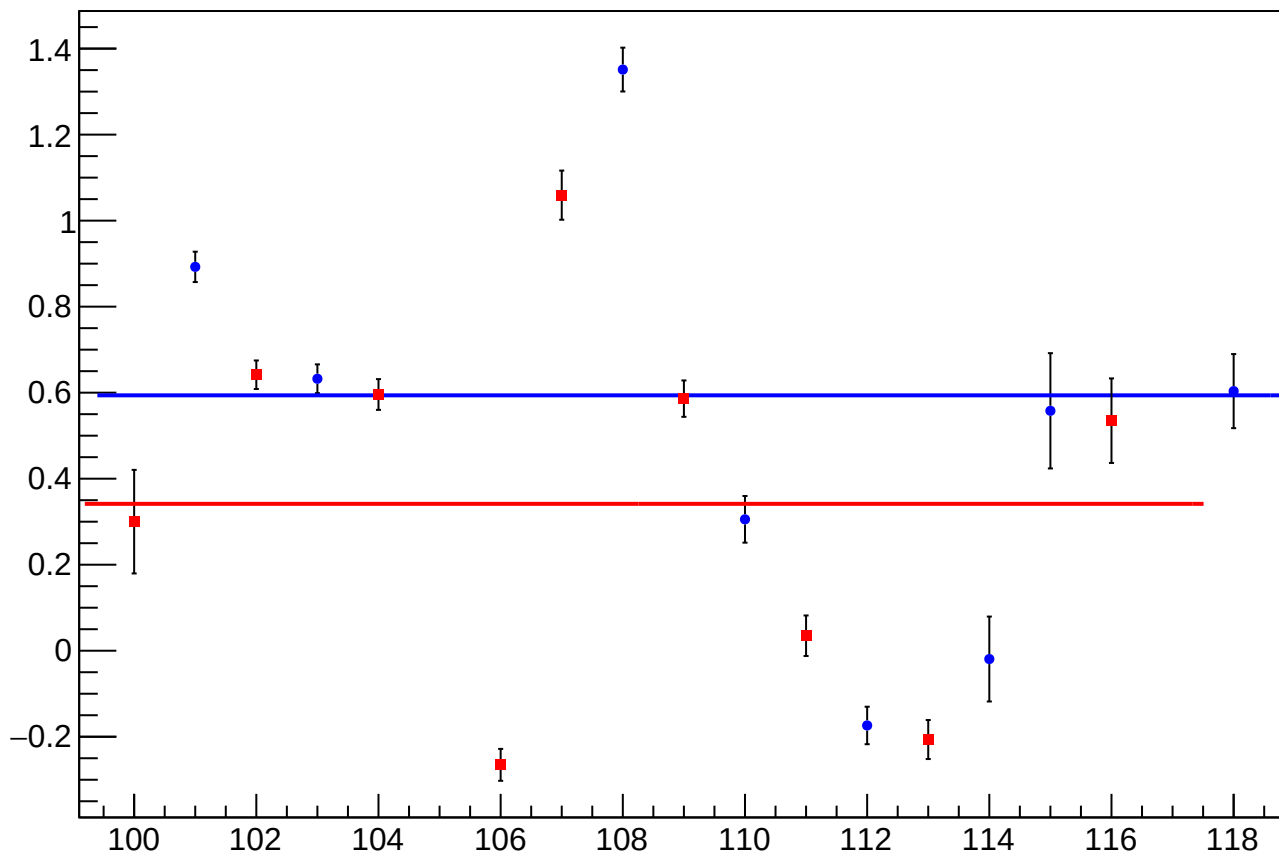
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -38.558 $\pm$ 0.234 χ^2 /NDF: 4506.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.594 $\pm$ 0.018 χ^2 /NDF: 671.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.342 $\pm$ 0.015 χ^2 /NDF: 783.5/8

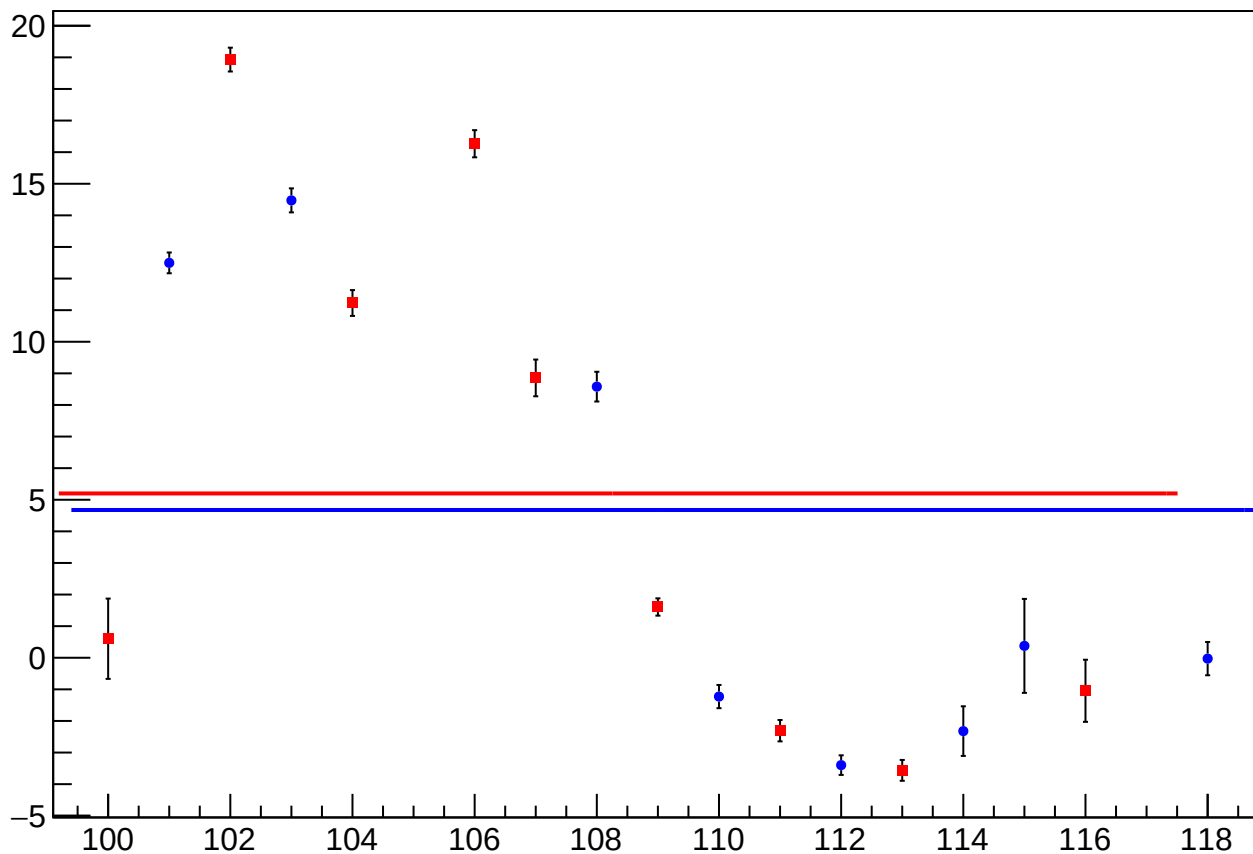
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.449 $\pm$ 0.011 χ^2 /NDF: 1573.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 4.676 $\pm$ 0.150 χ^2 /NDF: 2403.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.200 $\pm$ 0.136 χ^2 /NDF: 3671.1/8

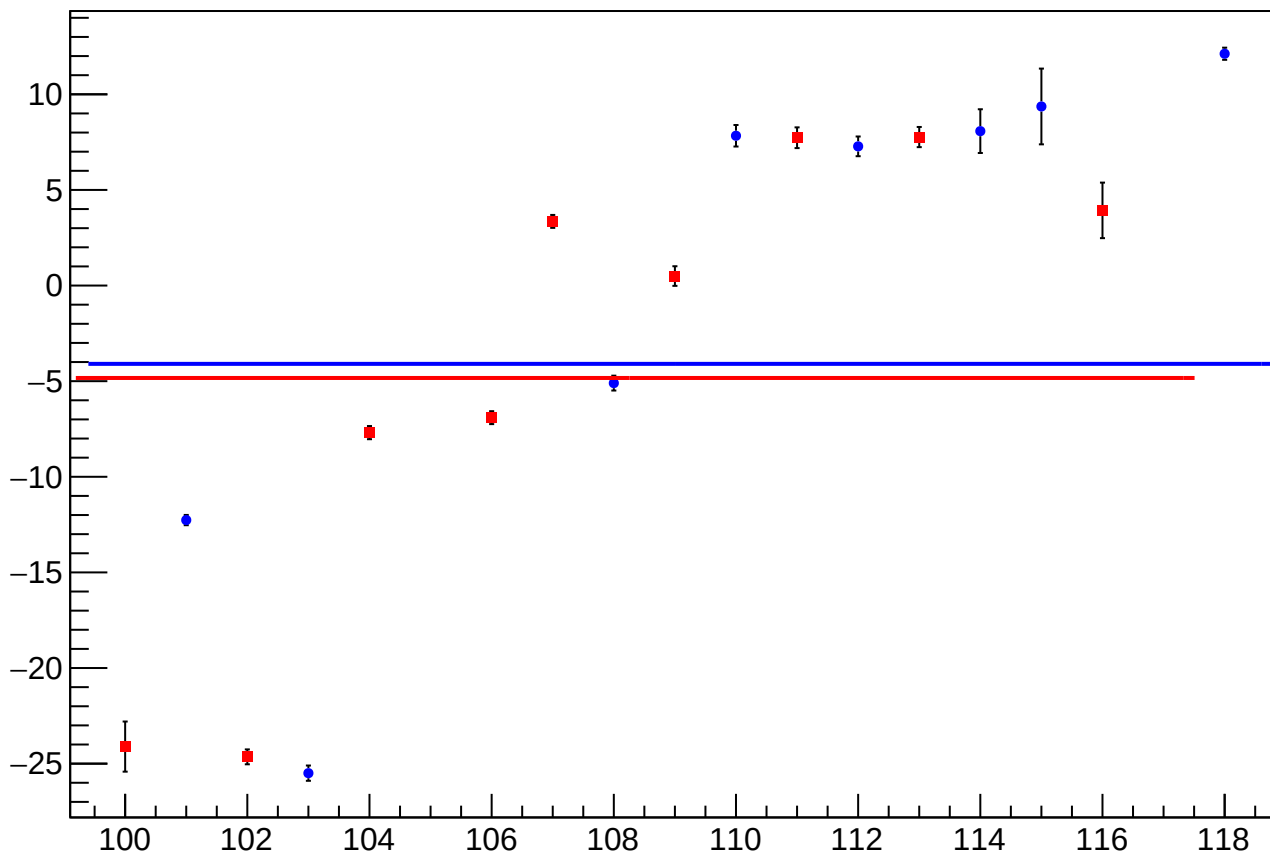
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.965 $\pm$ 0.101 χ^2 /NDF: 6081.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



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: -4.833+/-0.150 χ^2/NDF : 4747.0/8

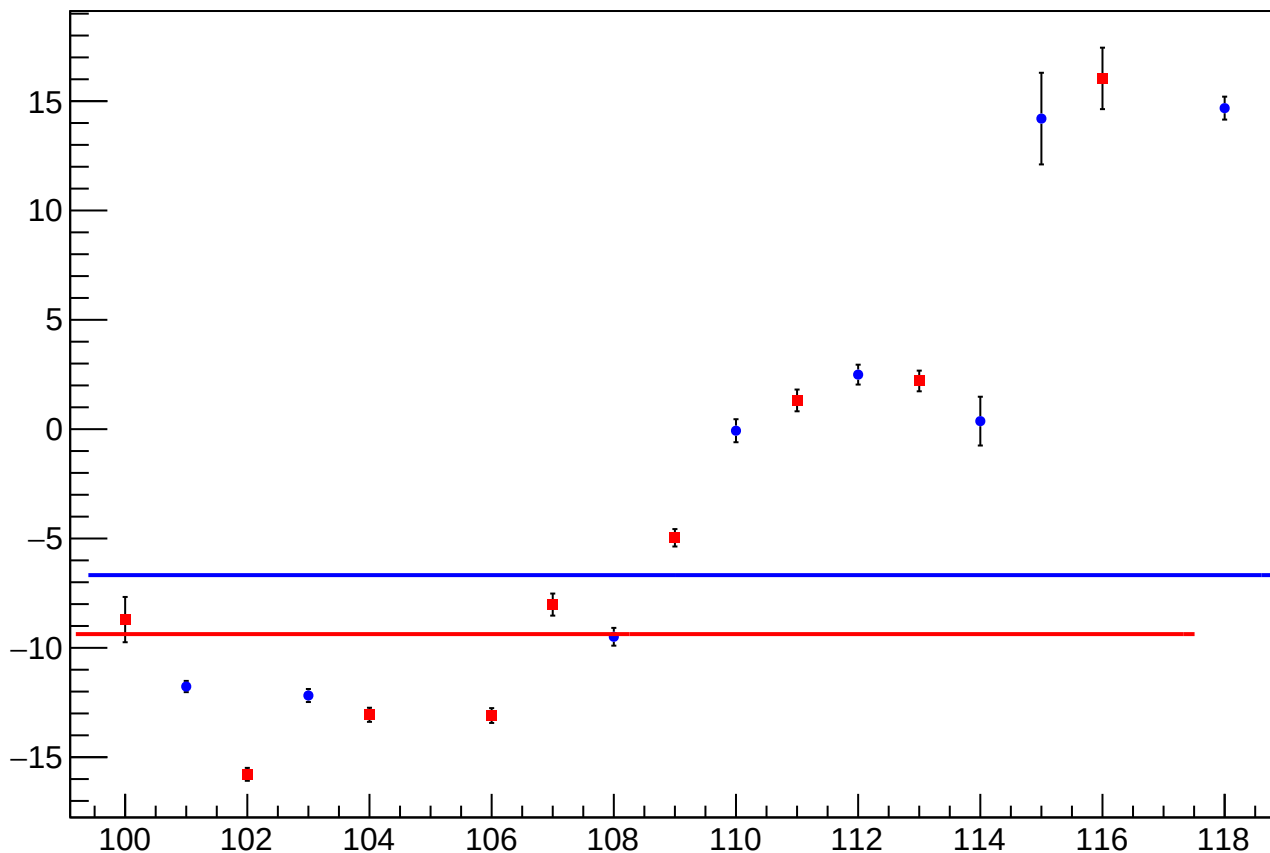
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.463+/-0.106 χ^2/NDF : 12264.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



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: -9.371+/-0.141 χ^2/NDF : 2241.1/8

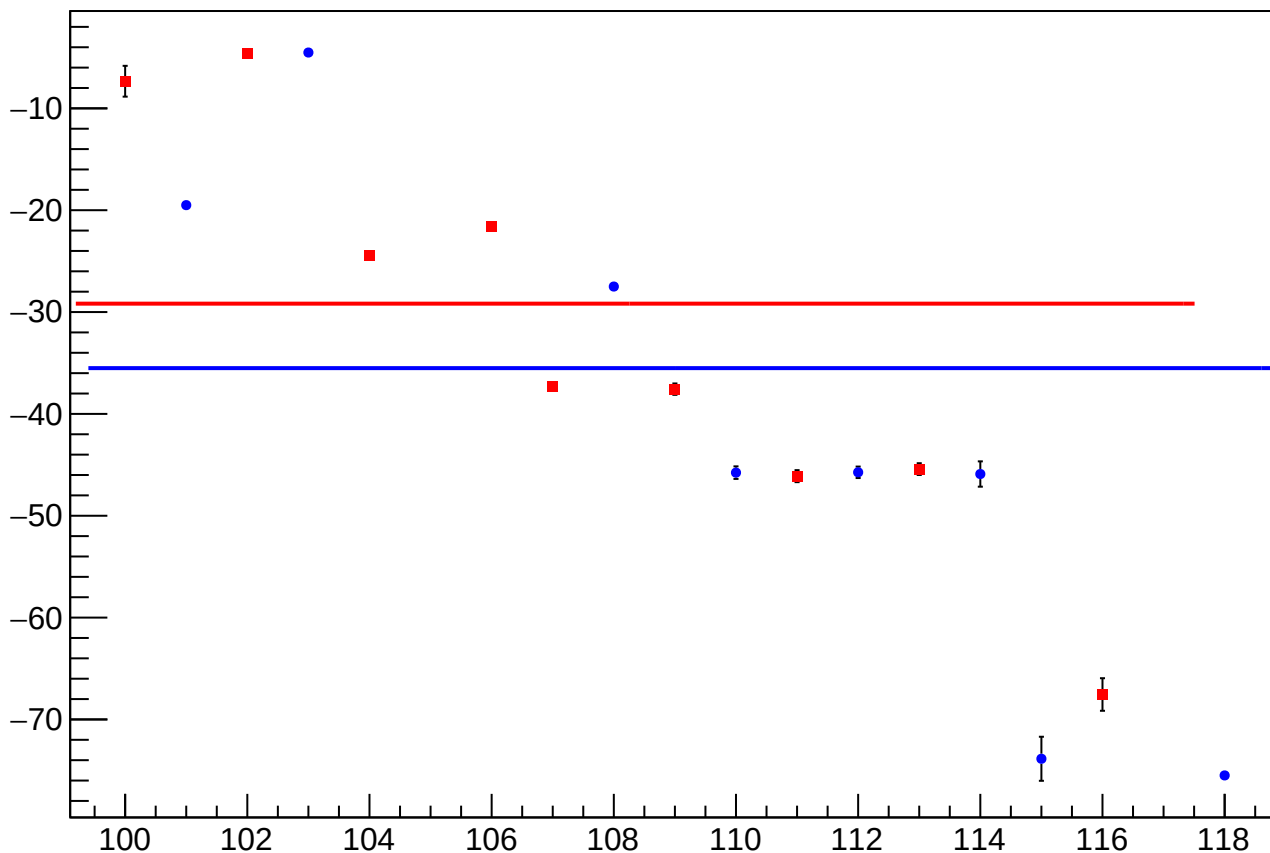
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.085+/-0.102 χ^2/NDF : 5556.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



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: -29.175 ± 0.182 χ^2/NDF : 6105.9/8

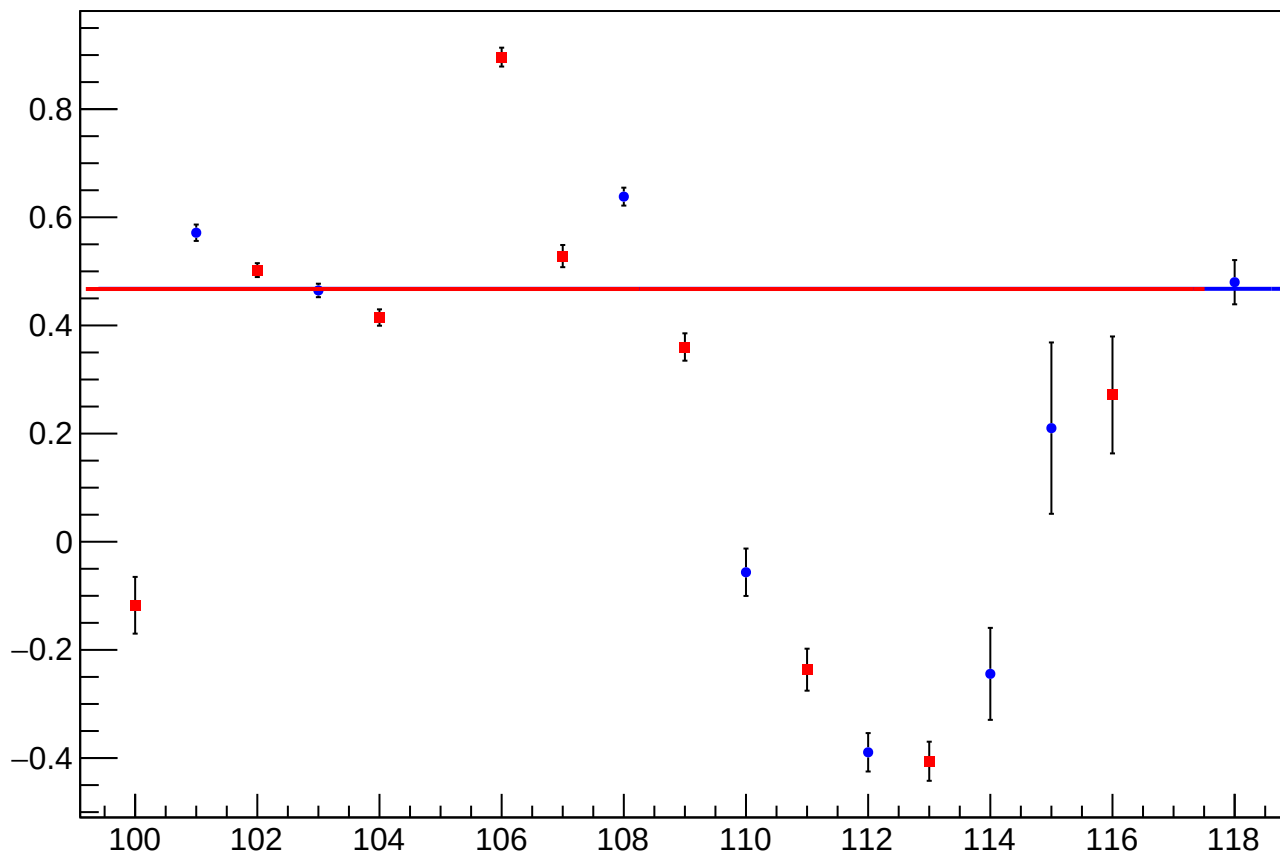
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.304 ± 0.129 χ^2/NDF : 23684.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



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: 1689.3/8

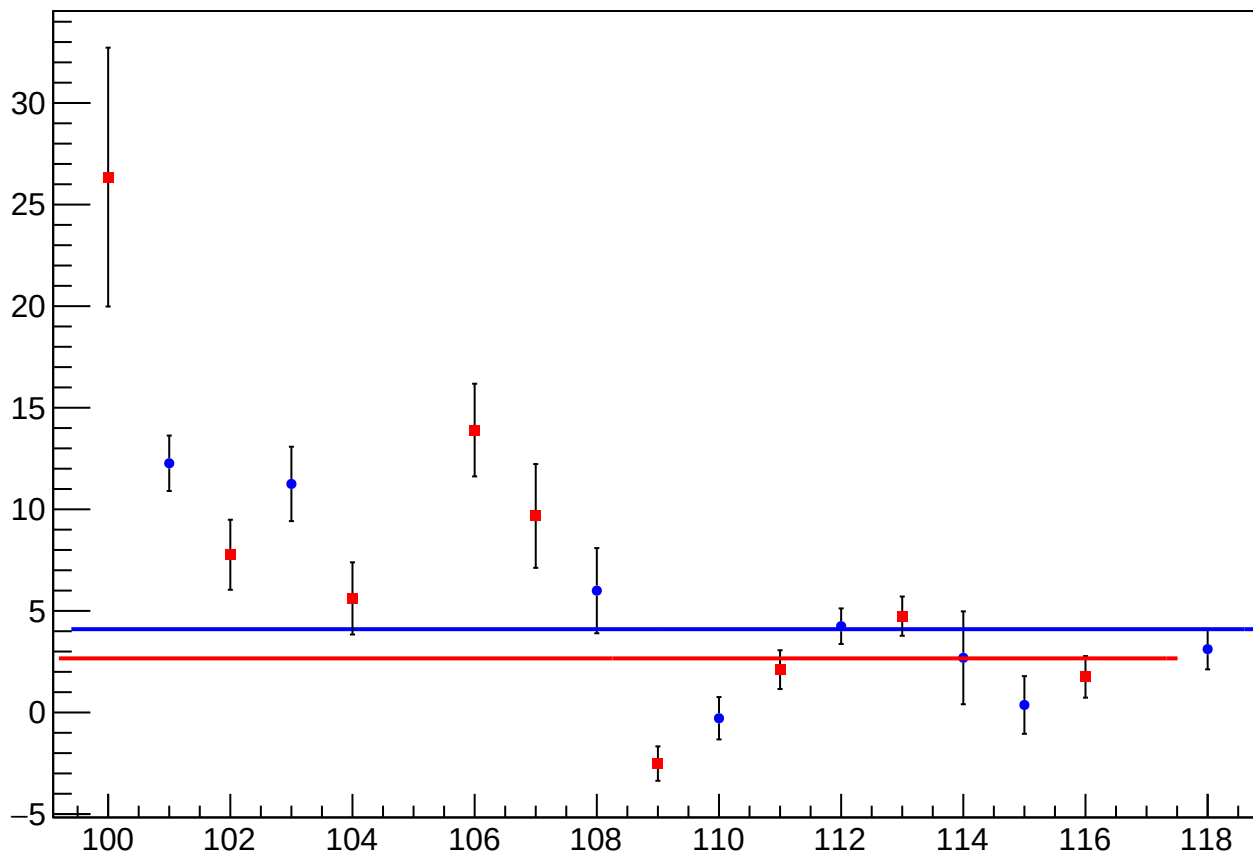
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.468 $\pm$ 0.005 χ^2 /NDF: 2640.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



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: 2.663 $\pm$ 0.425 χ^2 /NDF: 100.3/8

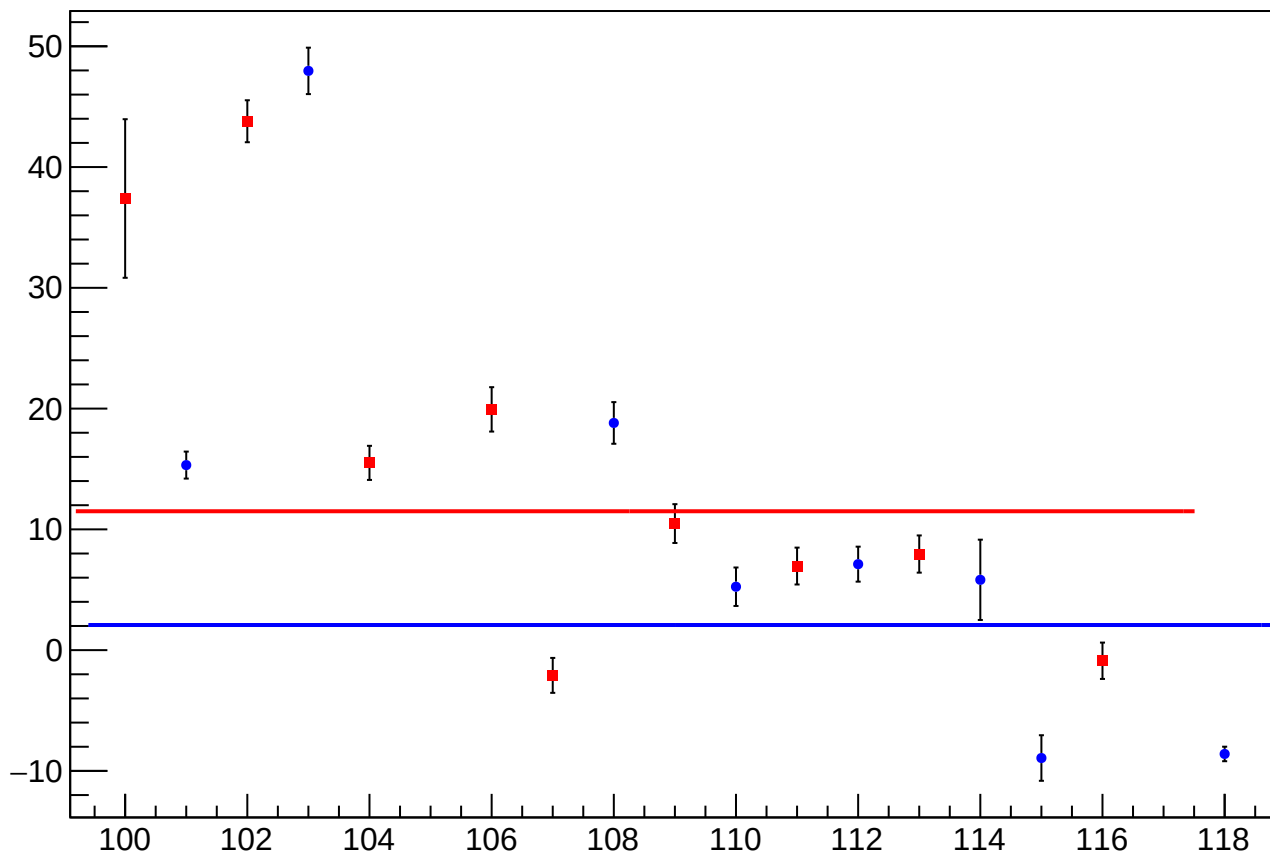
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.344 $\pm$ 0.308 χ^2 /NDF: 183.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



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: 11.500+/-0.550 χ^2/NDF : 560.4/8

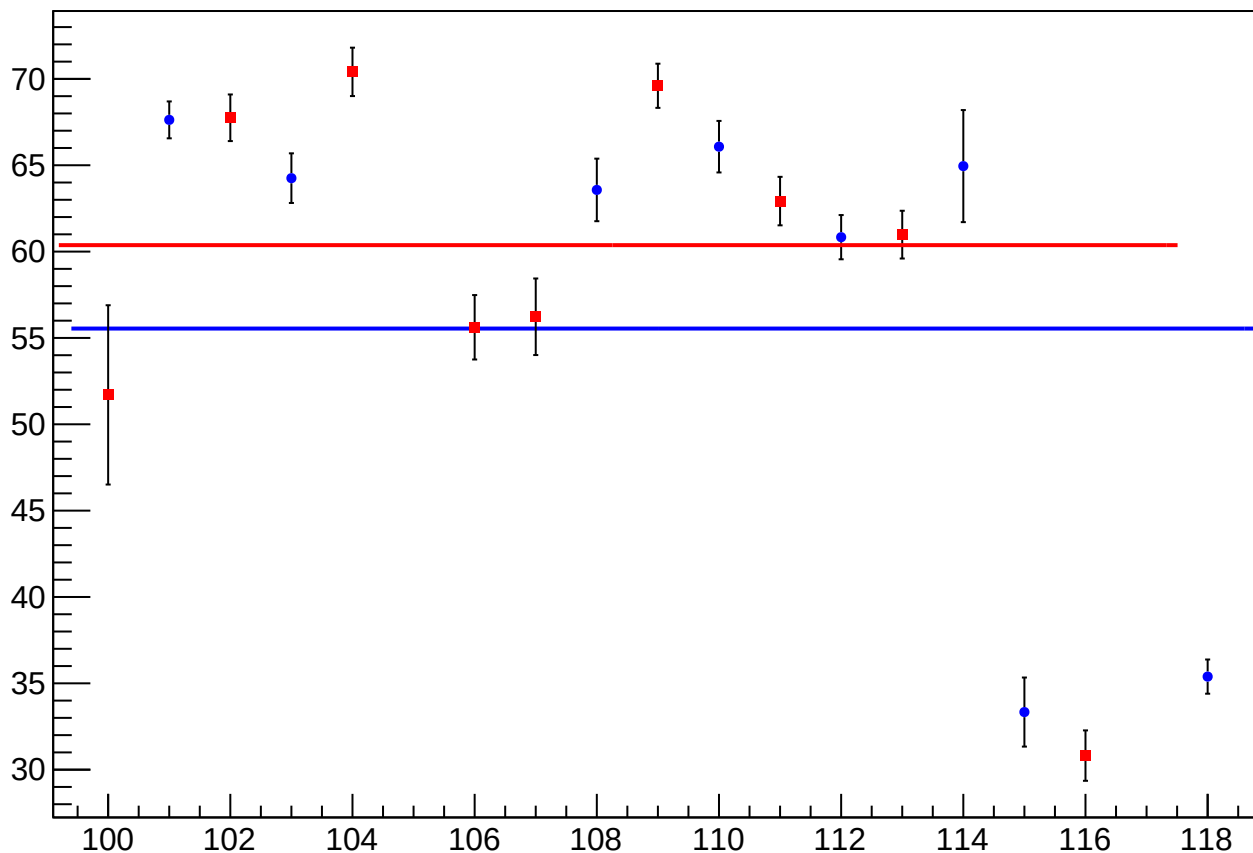
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.653+/-0.339 χ^2/NDF : 1913.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 55.543 $\pm$ 0.495 χ^2 /NDF: 797.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.374 $\pm$ 0.520 χ^2 /NDF: 559.8/8

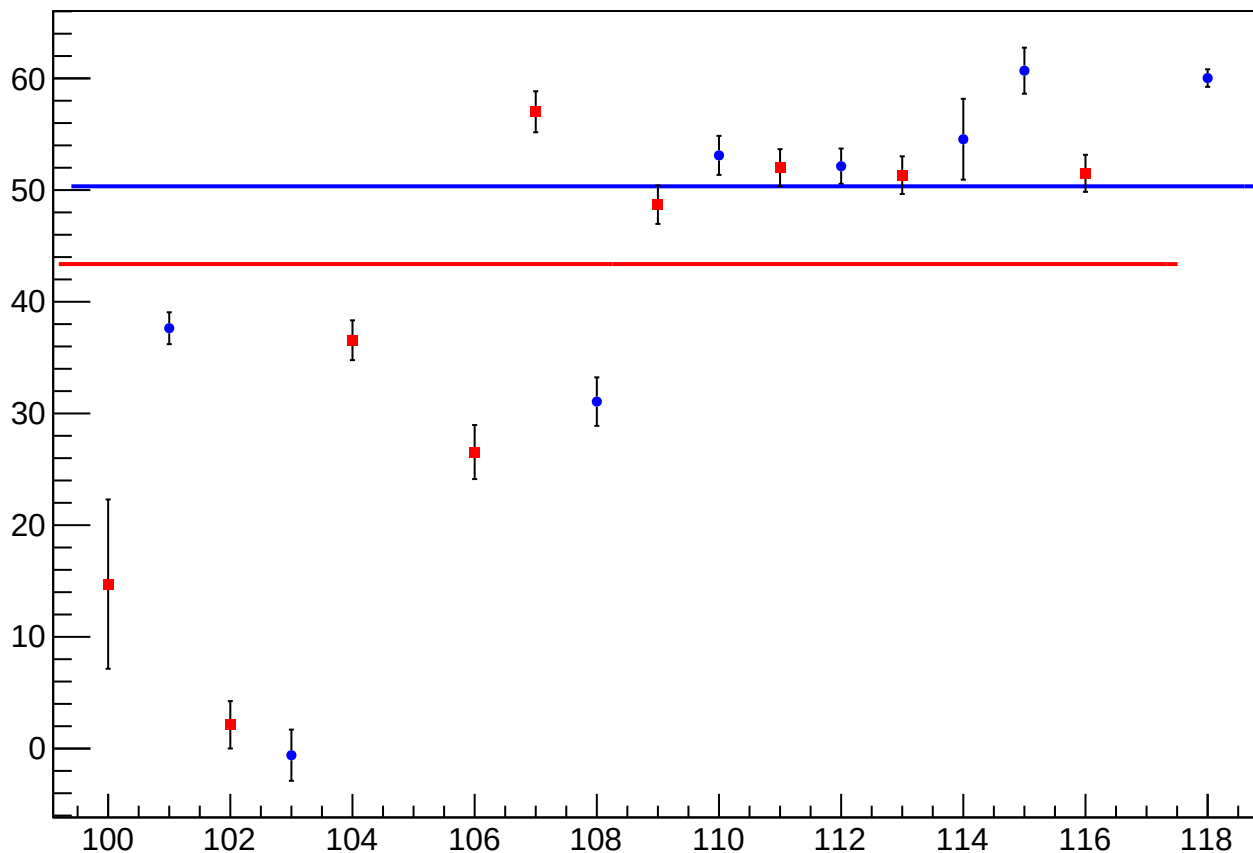
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.837 $\pm$ 0.358 χ^2 /NDF: 1402.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 50.337 $\pm$ 0.531 χ^2 /NDF: 834.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.374 $\pm$ 0.641 χ^2 /NDF: 593.8/8

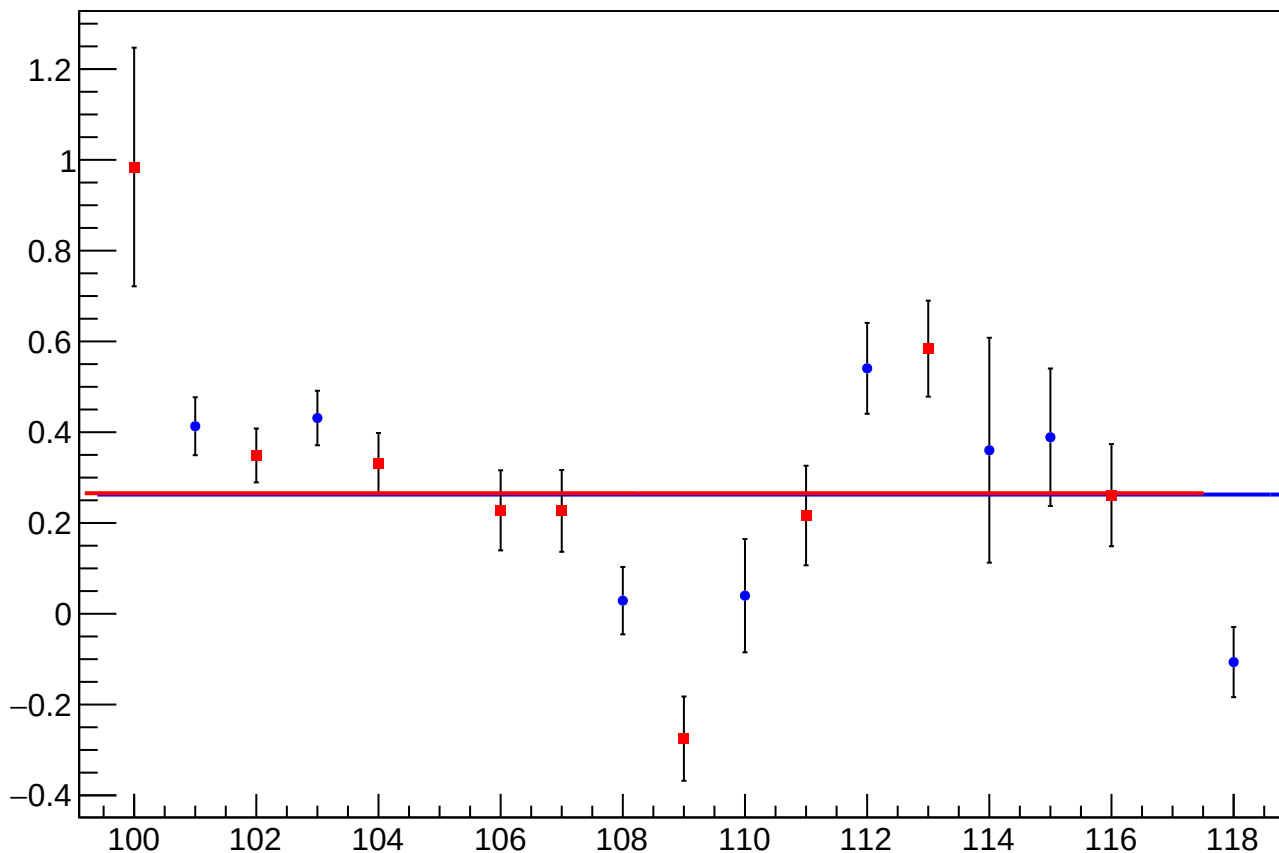
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.503 $\pm$ 0.409 χ^2 /NDF: 1498.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.263 $\pm$ 0.030 χ^2 /NDF: 57.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.266 $\pm$ 0.030 χ^2 /NDF: 53.9/8

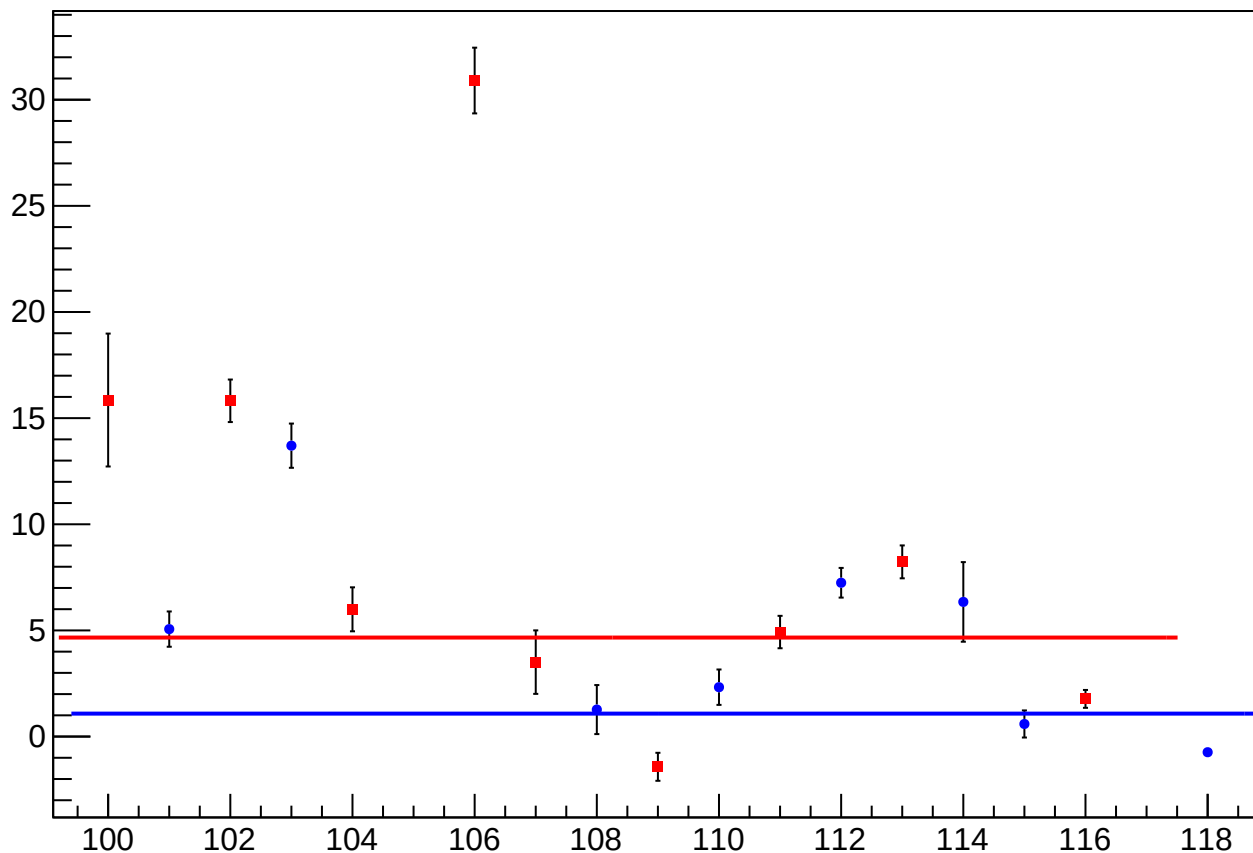
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.264 $\pm$ 0.021 χ^2 /NDF: 111.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



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: 4.664+/-0.265 χ^2/NDF : 580.0/8

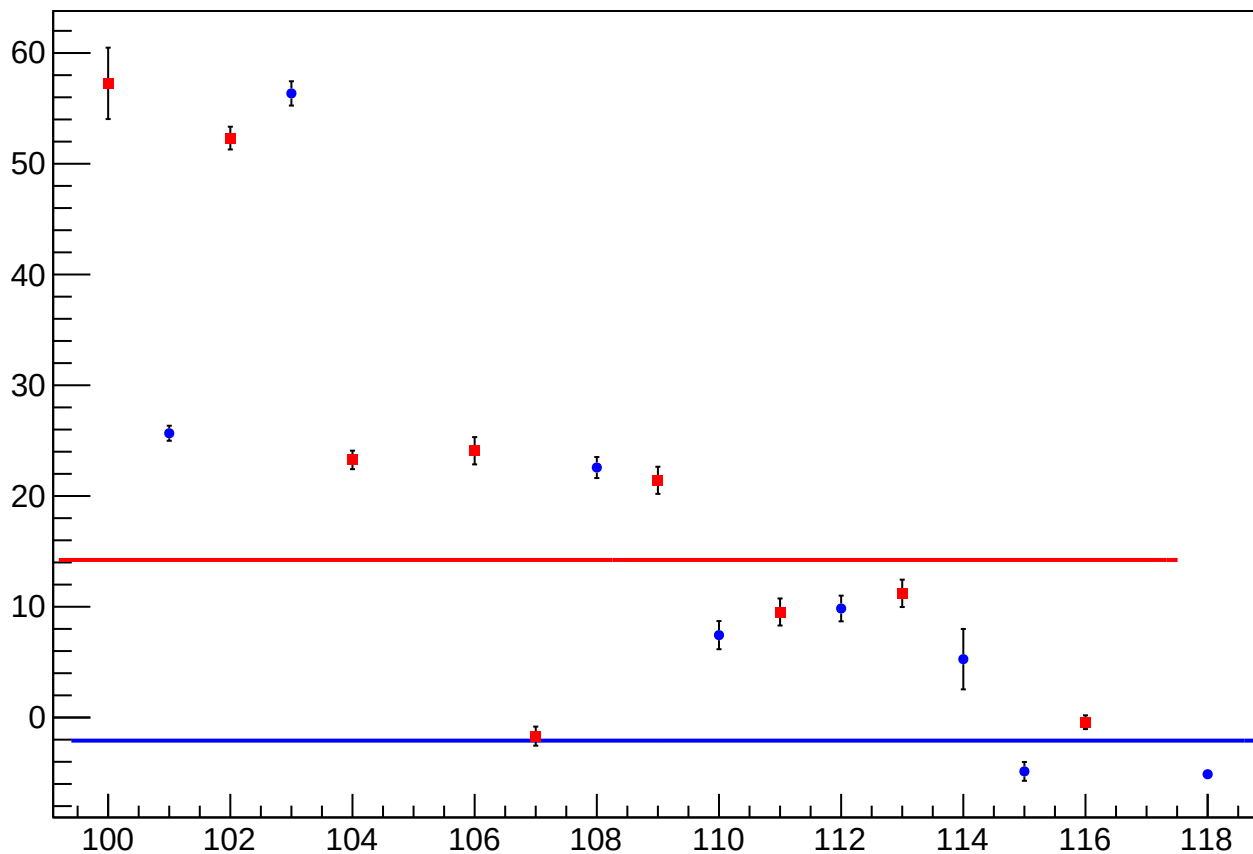
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.315+/-0.156 χ^2/NDF : 1016.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



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: 14.226+/-0.332 χ^2/NDF : 2687.4/8

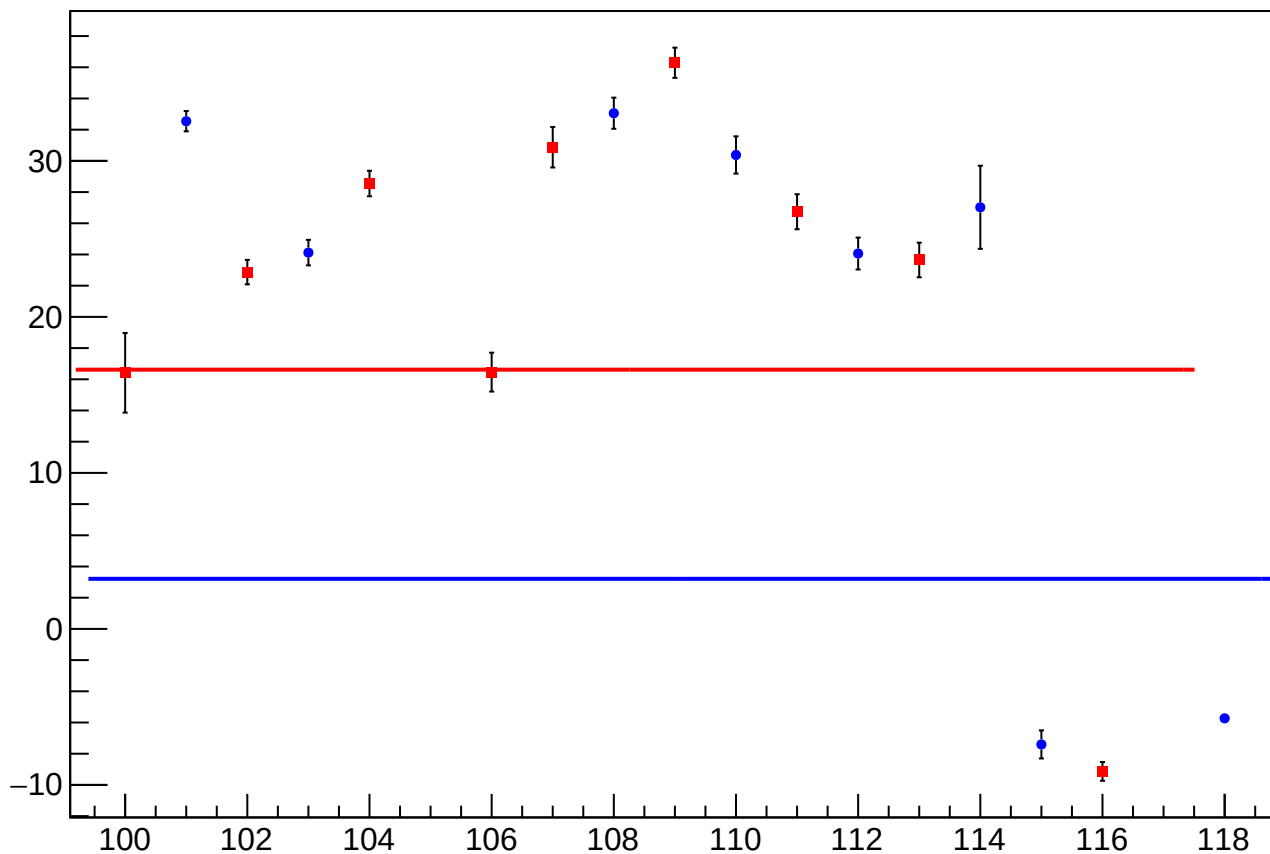
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.196+/-0.124 χ^2/NDF : 10566.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 3.210 $\pm$ 0.197 χ^2 /NDF: 6163.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 16.617 $\pm$ 0.317 χ^2 /NDF: 2763.0/8

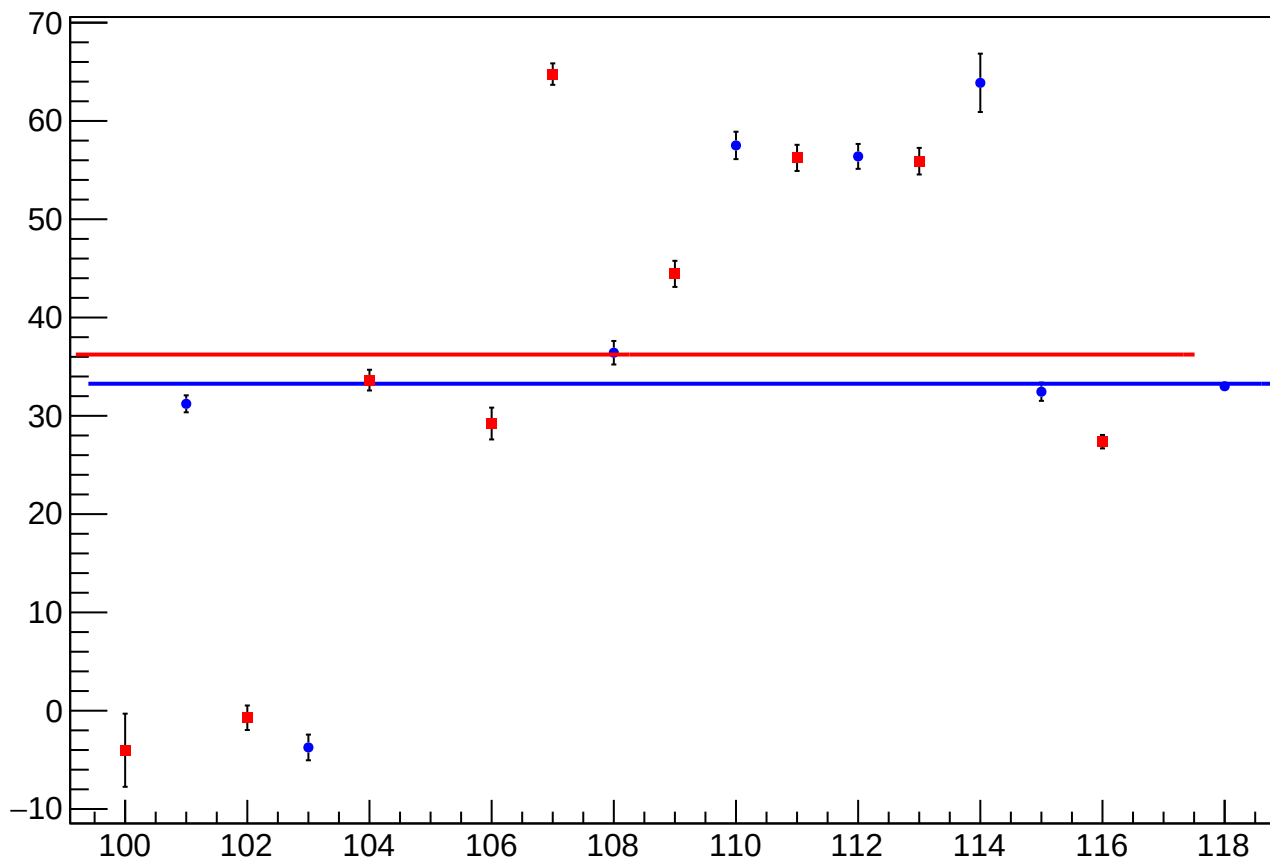
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.946 $\pm$ 0.167 χ^2 /NDF: 10216.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 33.264 $\pm$ 0.172 χ^2 /NDF: 1559.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.235 $\pm$ 0.388 χ^2 /NDF: 2344.8/8

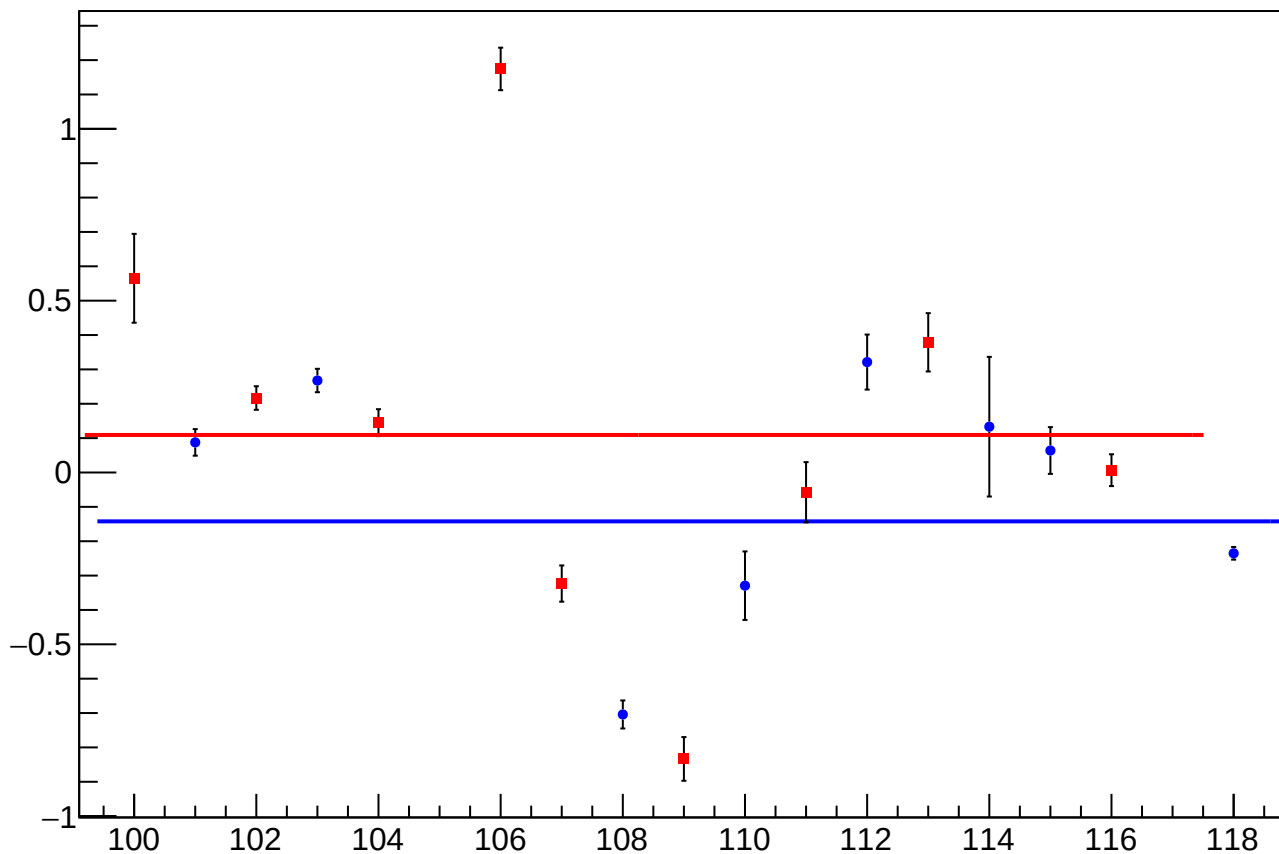
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.755 $\pm$ 0.158 χ^2 /NDF: 3953.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



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: 0.109 ± 0.018 χ^2/NDF : 625.2/8

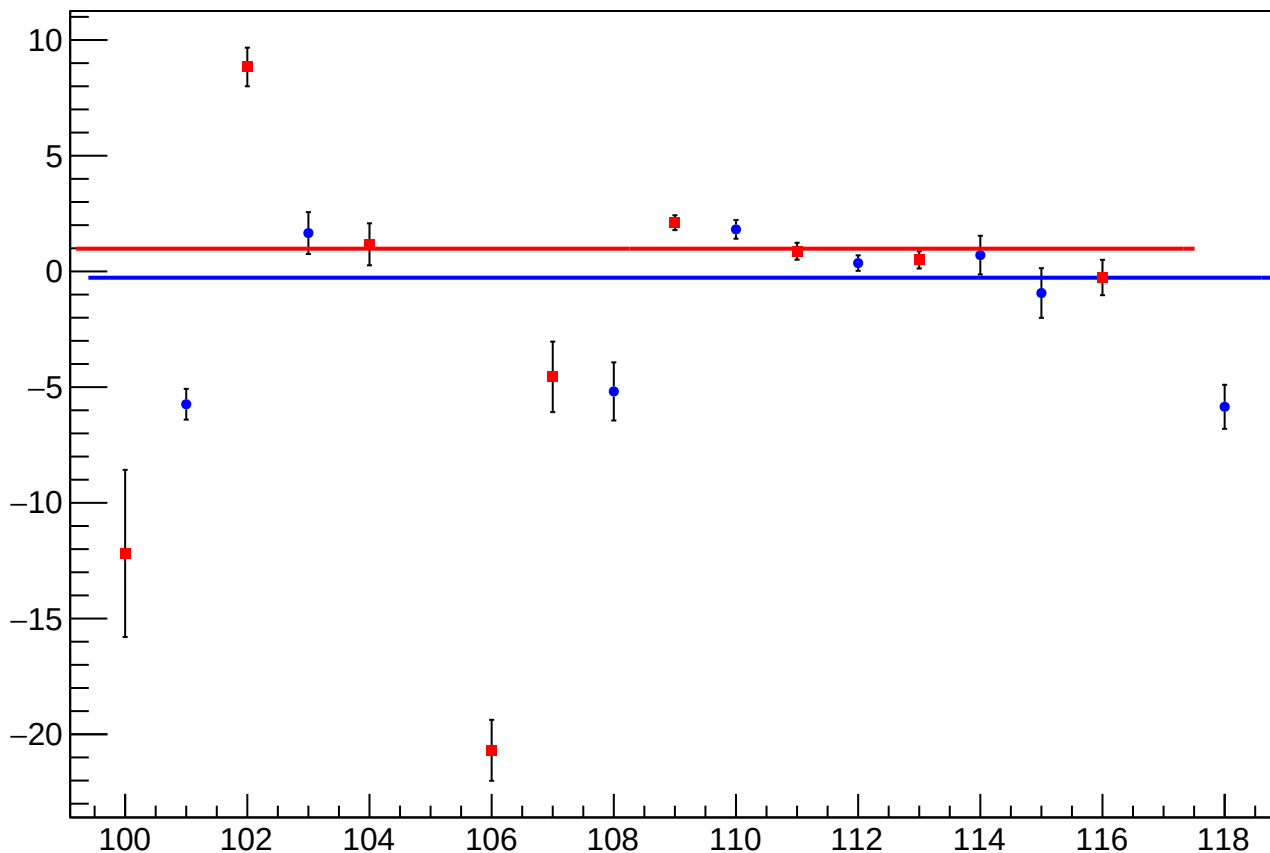
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.051 ± 0.011 χ^2/NDF : 1195.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -0.271+/-0.210 χ^2/NDF : 153.9/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.983+/-0.183 χ^2/NDF : 402.4/8

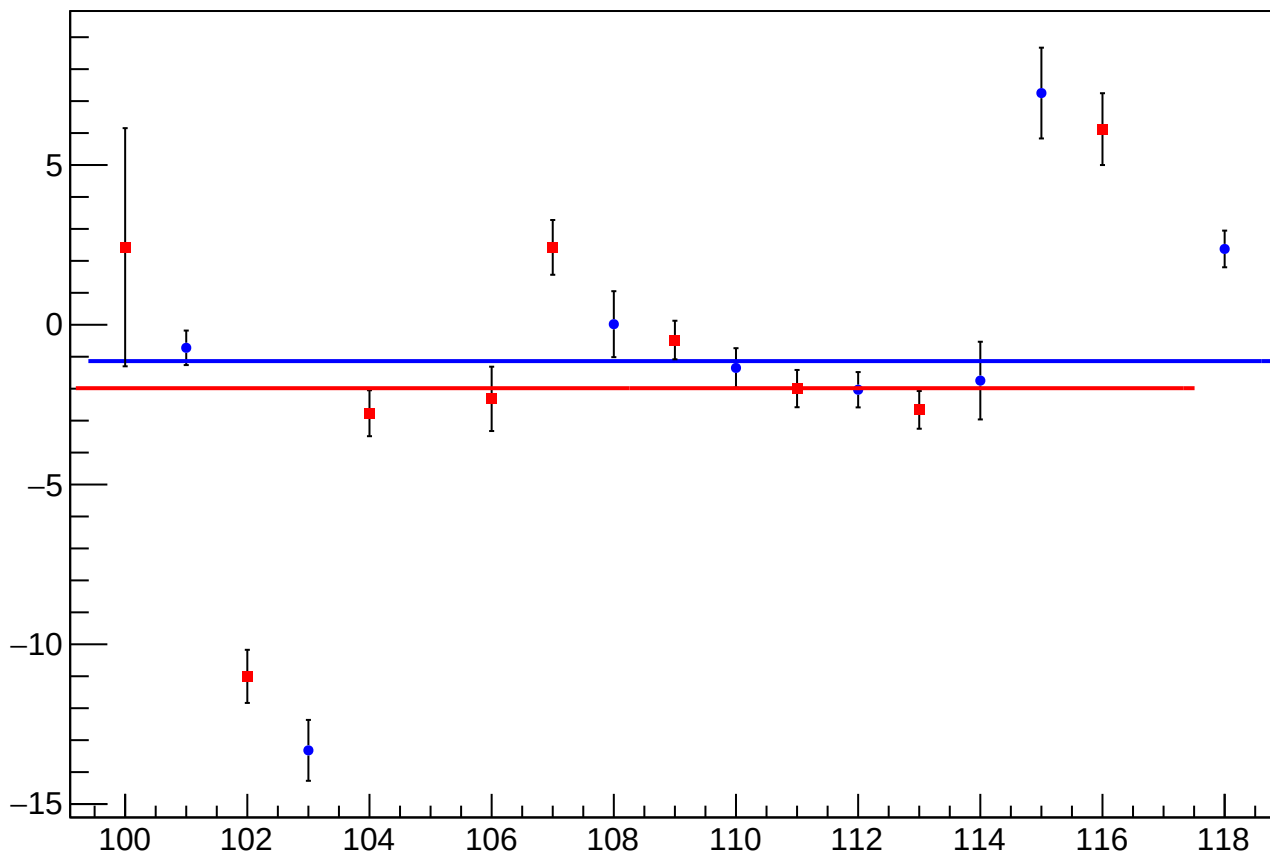
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.443+/-0.138 χ^2/NDF : 576.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -1.137 $\pm$ 0.253 χ^2 /NDF: 240.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.985 $\pm$ 0.257 χ^2 /NDF: 206.4/8

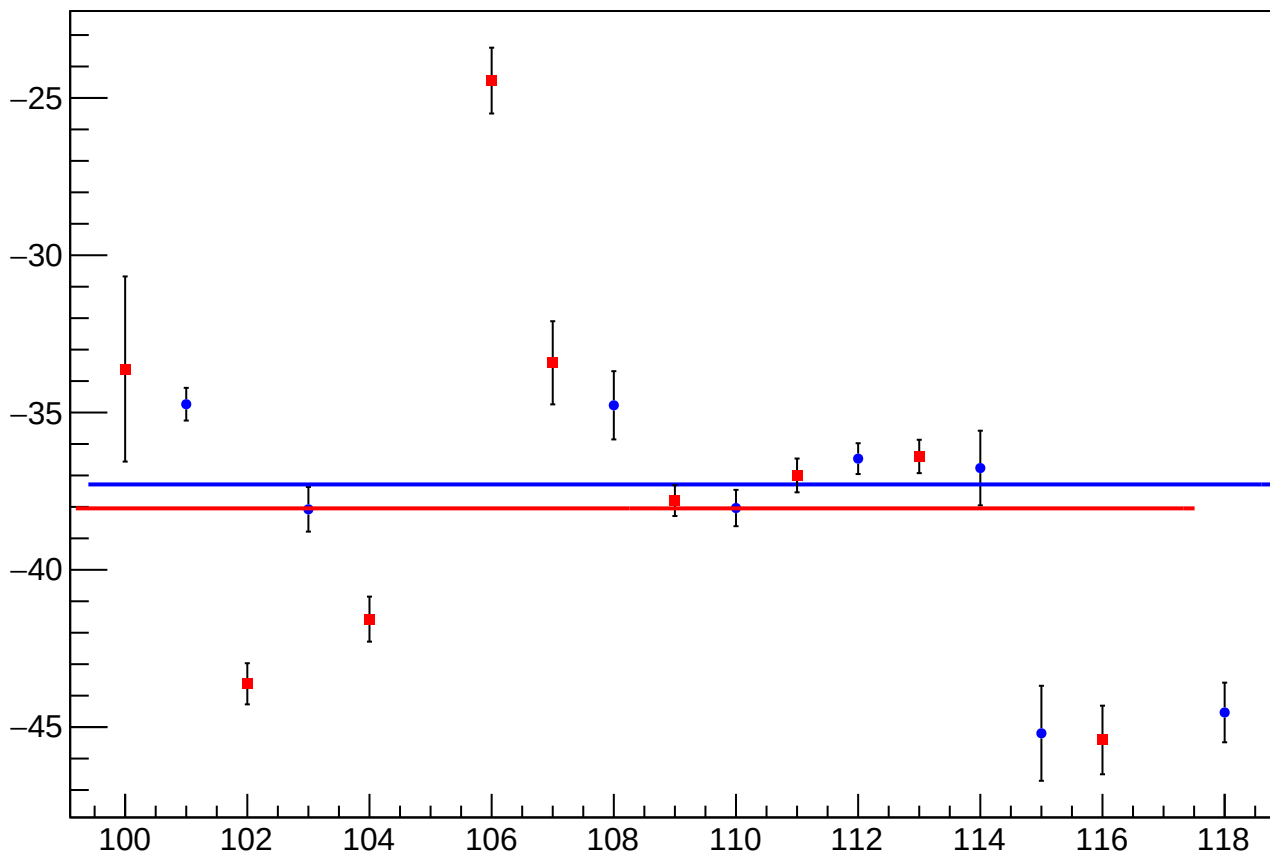
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.555 $\pm$ 0.180 χ^2 /NDF: 452.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -37.286 ± 0.250 χ^2/NDF : 121.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.047 ± 0.236 χ^2/NDF : 339.7/8

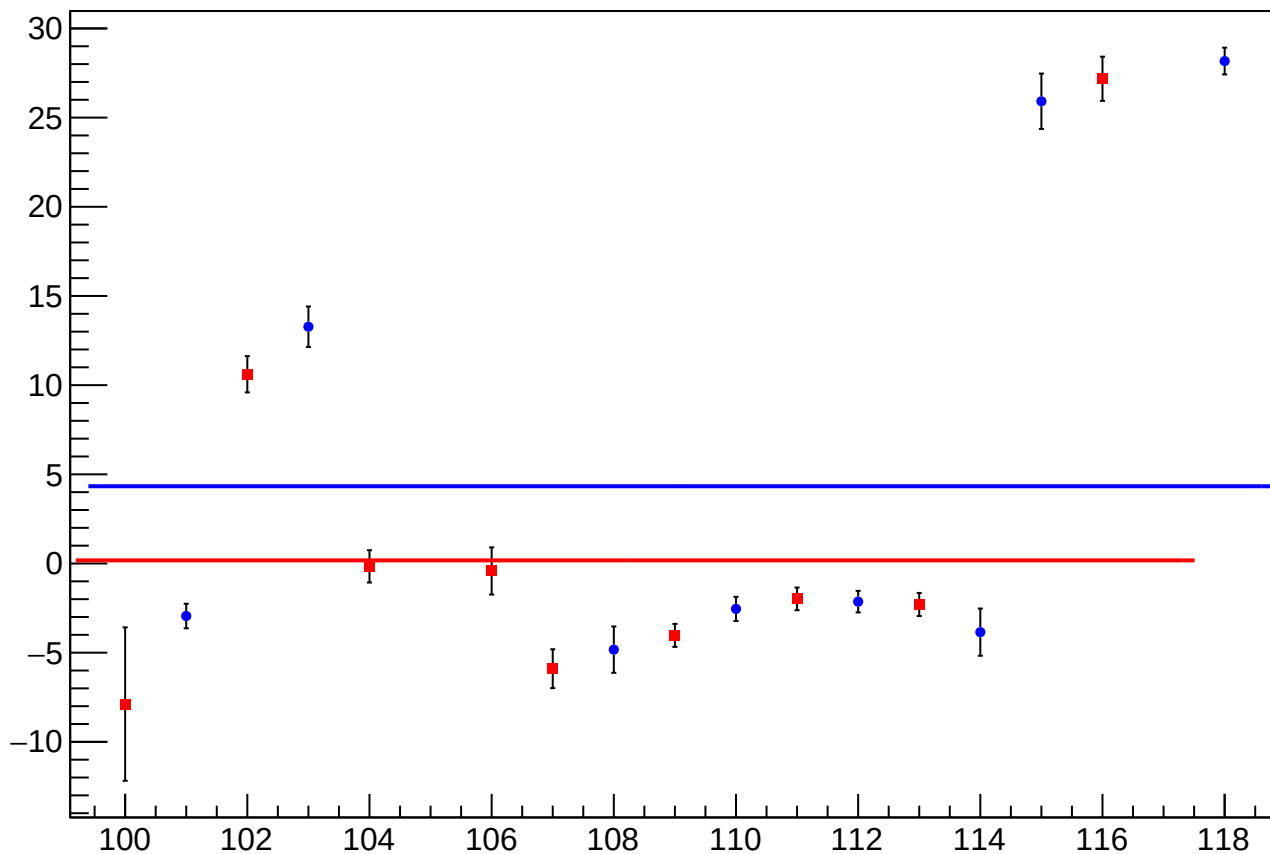
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.688 ± 0.172 χ^2/NDF : 465.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



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: 0.175+/-0.294 χ^2/NDF : 684.6/8

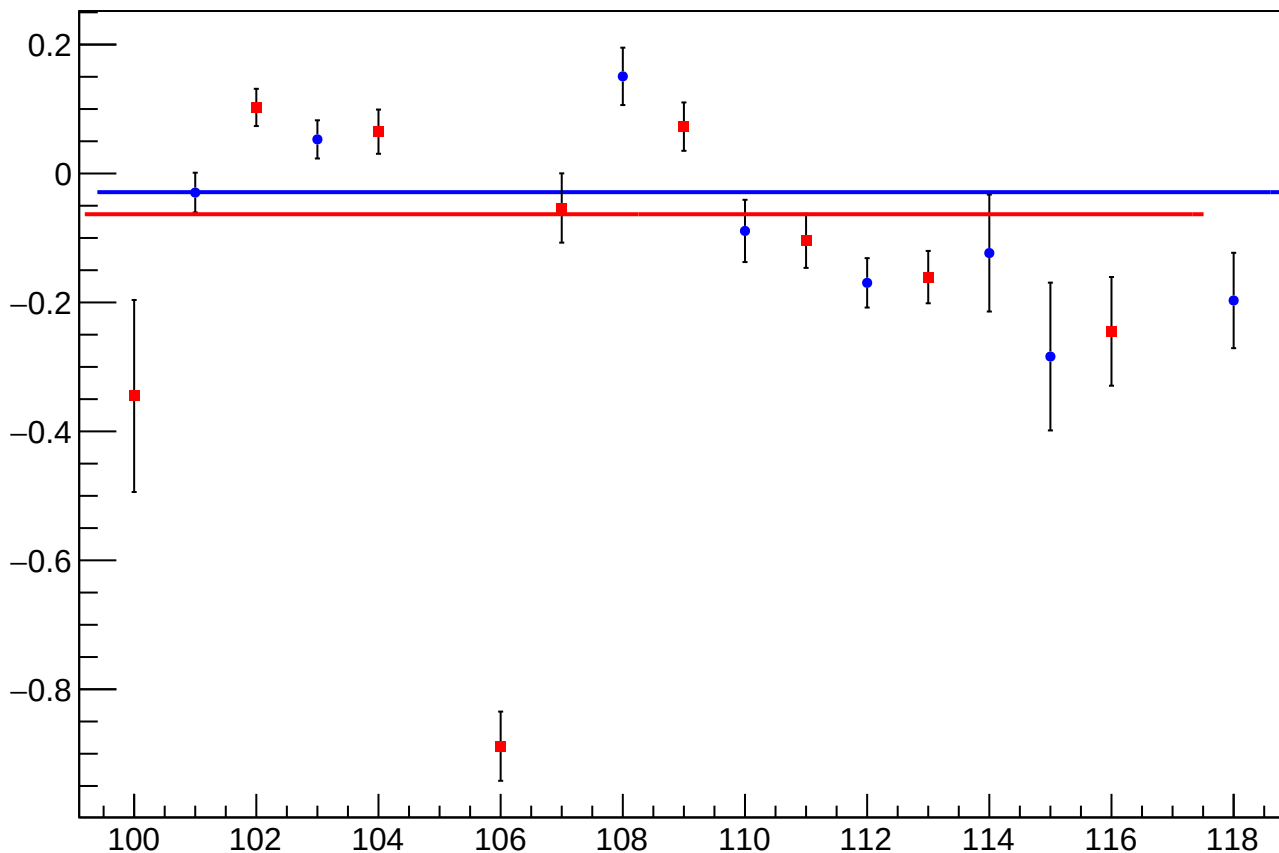
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.214+/-0.210 χ^2/NDF : 2462.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.029 $\pm$ 0.015 χ^2 /NDF: 50.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.063 $\pm$ 0.014 χ^2 /NDF: 311.2/8

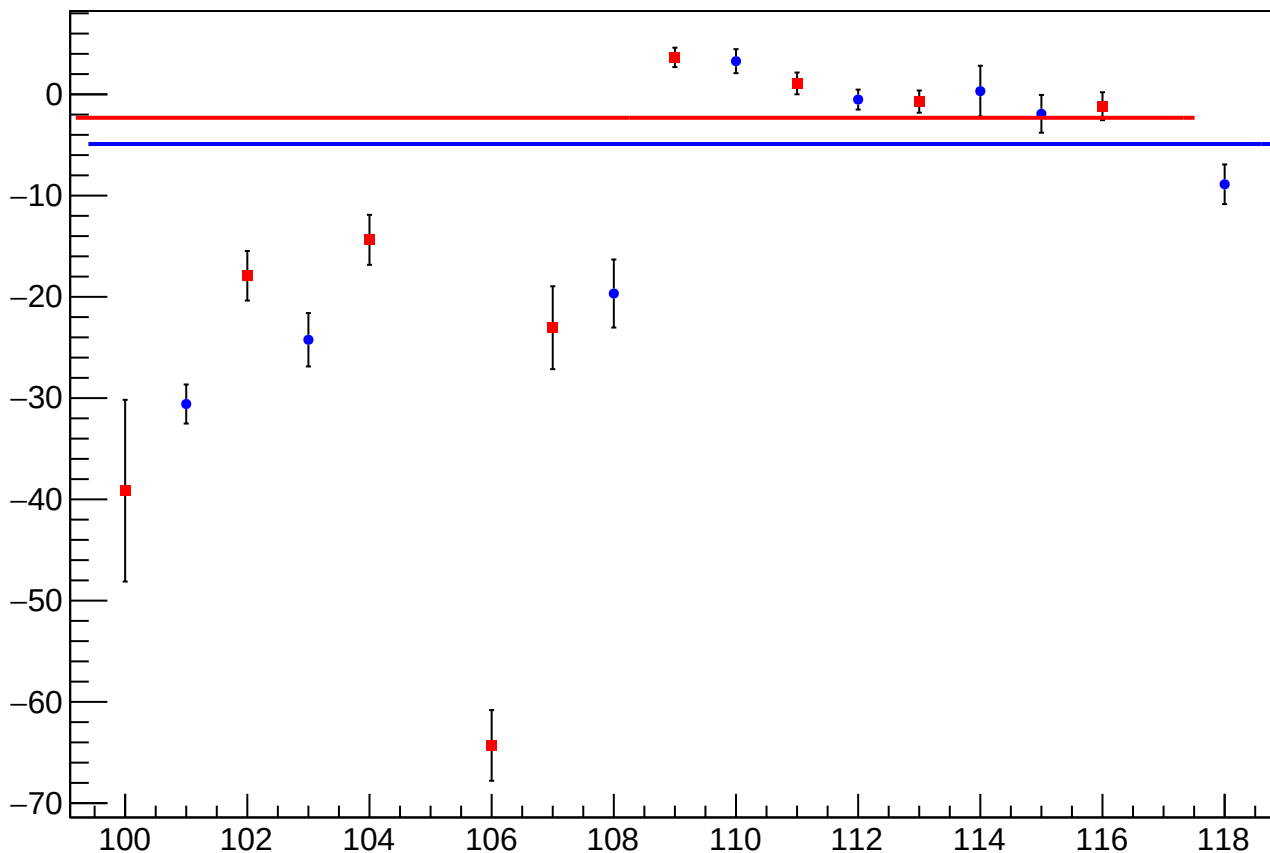
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.047 $\pm$ 0.011 χ^2 /NDF: 364.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -4.906 $\pm$ 0.582 χ^2 /NDF: 328.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.315 $\pm$ 0.513 χ^2 /NDF: 473.4/8

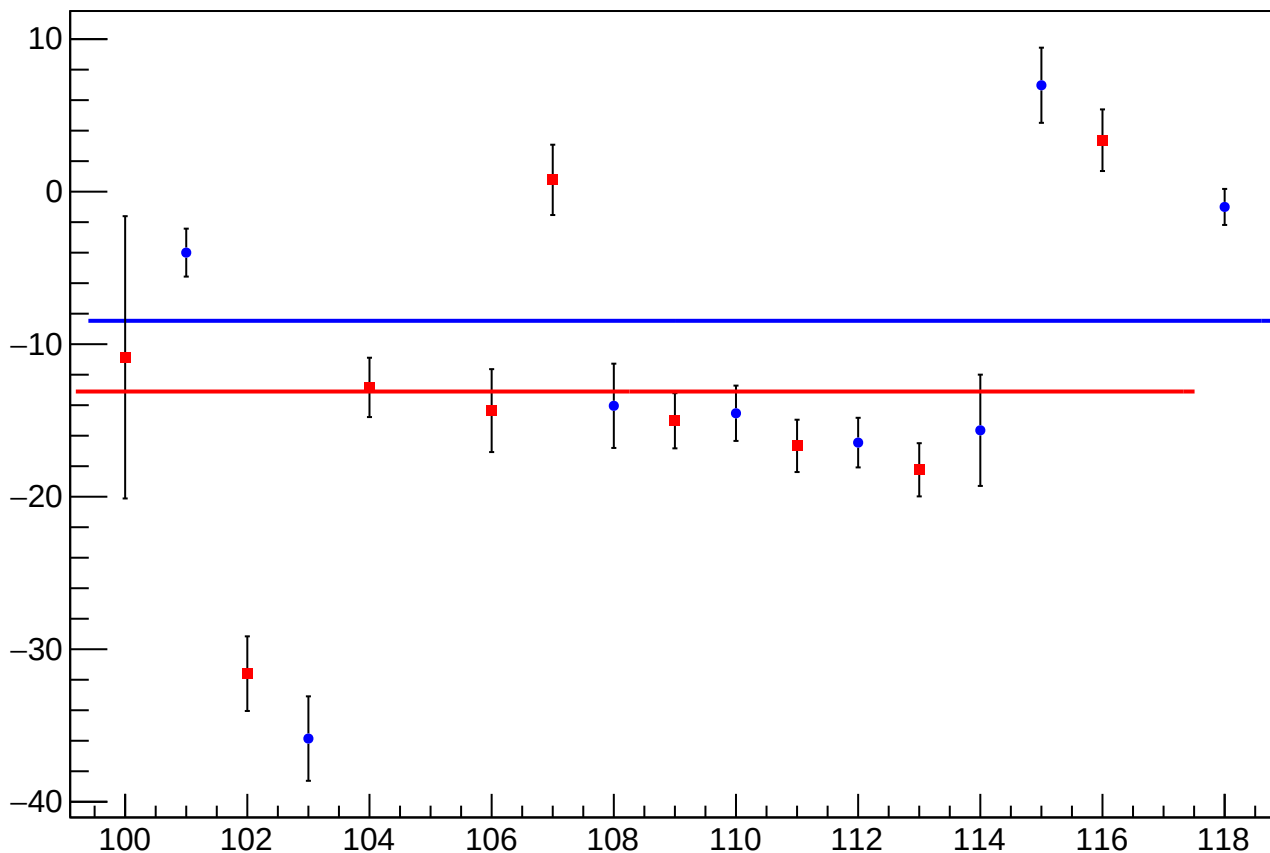
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.447 $\pm$ 0.385 χ^2 /NDF: 813.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



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: -13.103+/-0.710 χ^2/NDF : 174.3/8

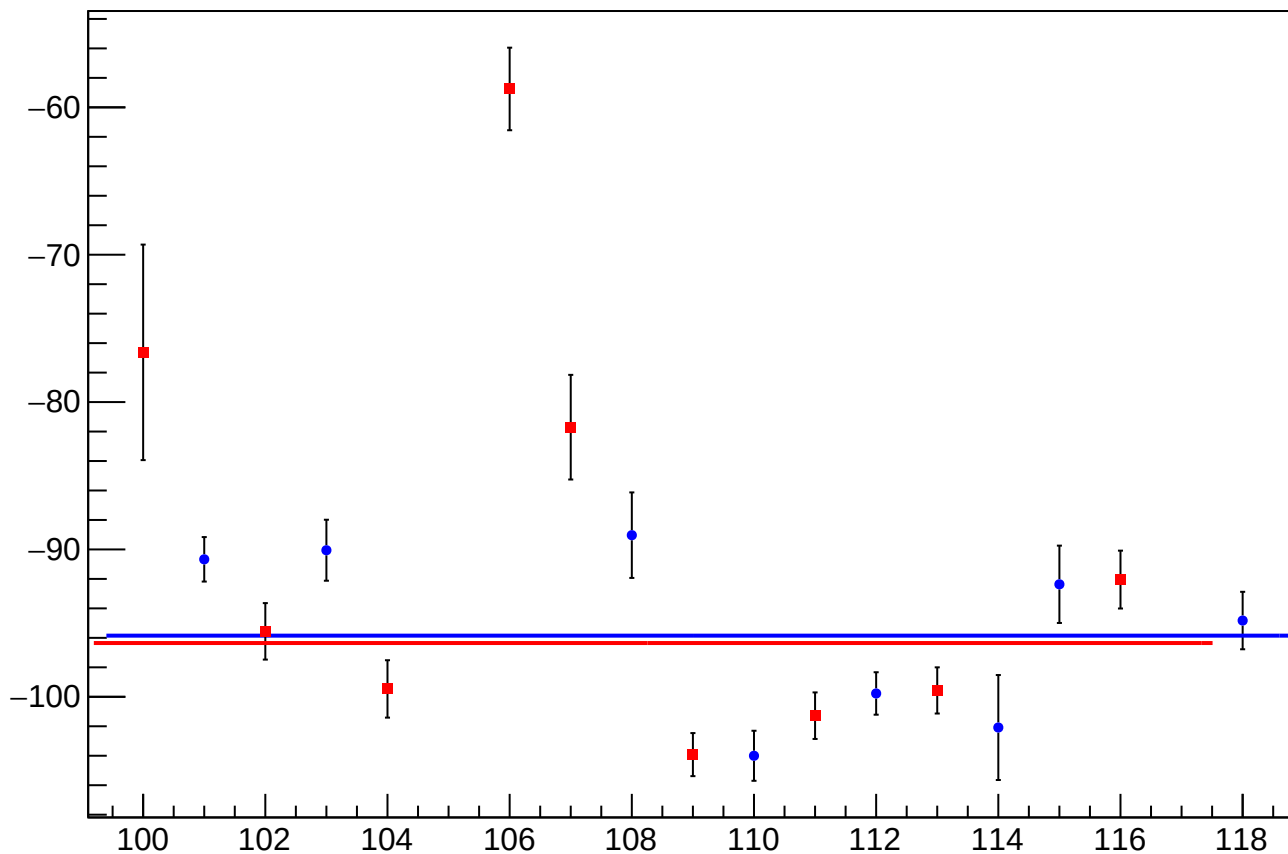
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.613+/-0.483 χ^2/NDF : 425.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -95.850 $\pm$ 0.689 χ^2 /NDF: 60.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -96.351 $\pm$ 0.660 χ^2 /NDF: 252.8/8

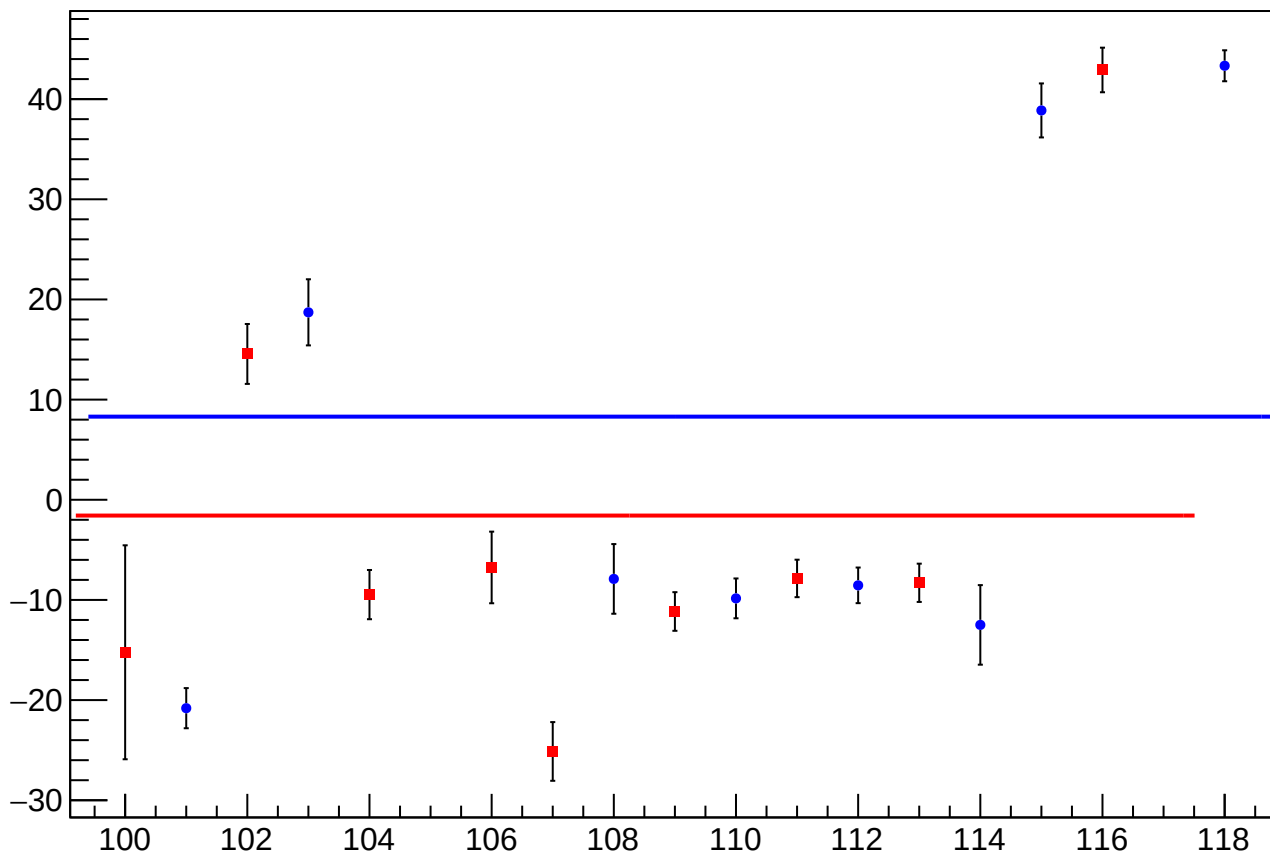
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.112 $\pm$ 0.477 χ^2 /NDF: 313.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



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: -1.577+/-0.814 χ^2/NDF : 555.3/8

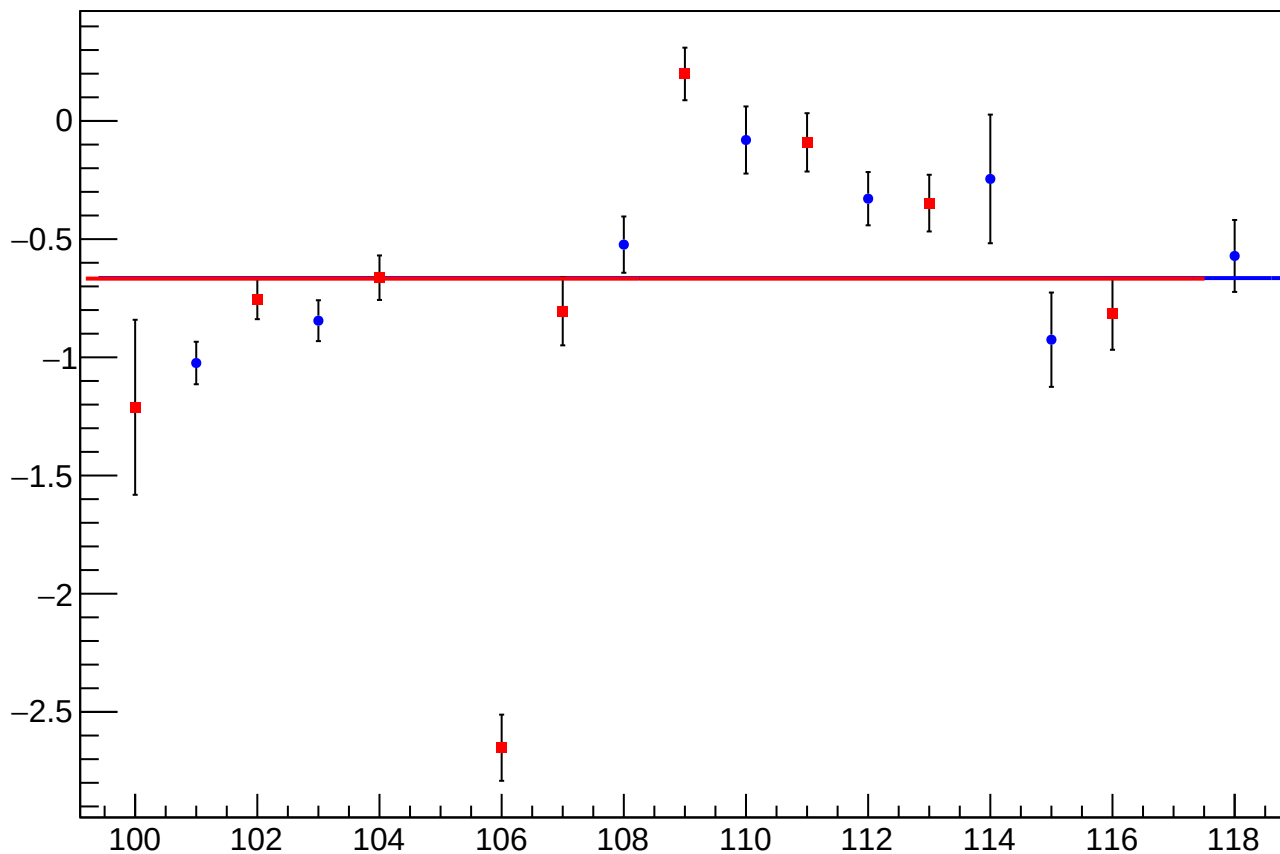
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.521+/-0.566 χ^2/NDF : 1716.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.665 $\pm$ 0.043 χ^2 /NDF: 52.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.667 $\pm$ 0.040 χ^2 /NDF: 295.8/8

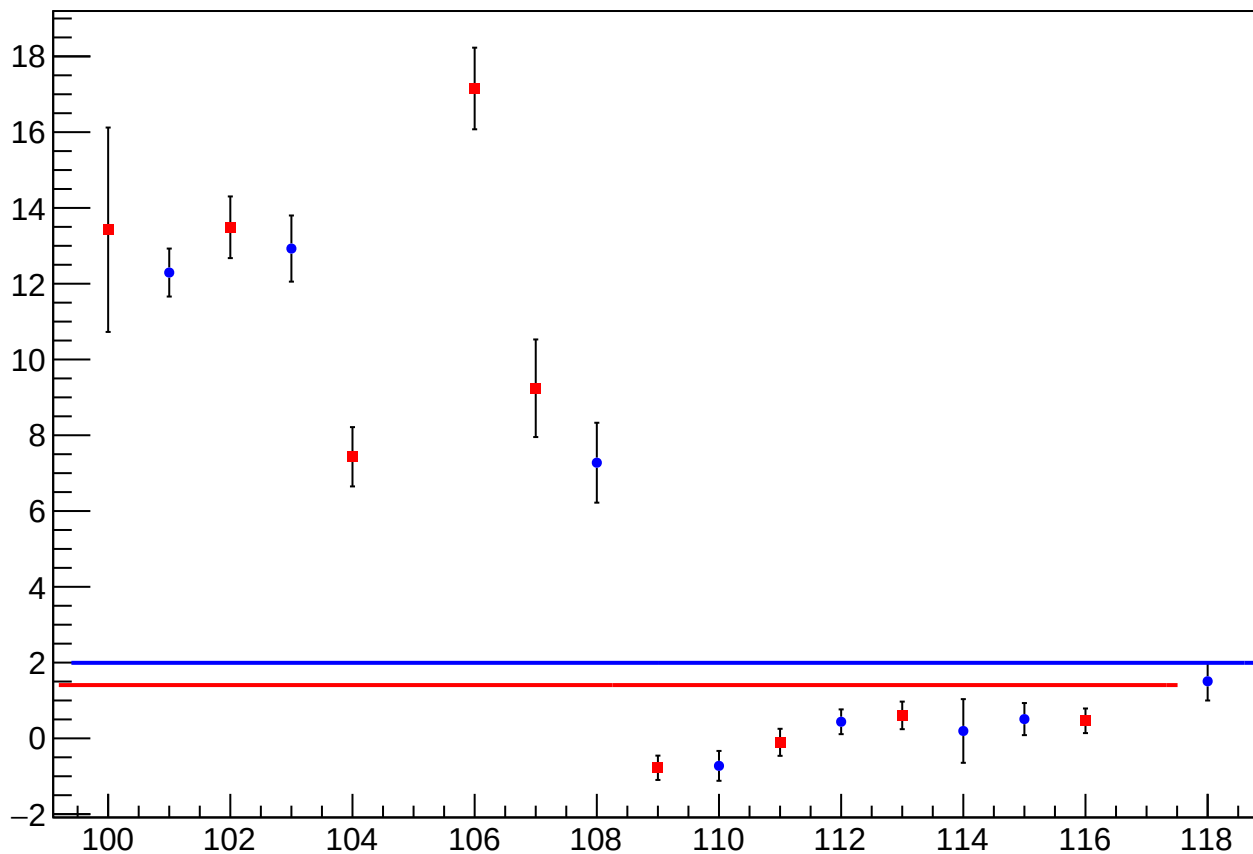
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.666 $\pm$ 0.029 χ^2 /NDF: 347.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



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: 1.407 $\pm$ 0.159 χ^2 /NDF: 627.7/8

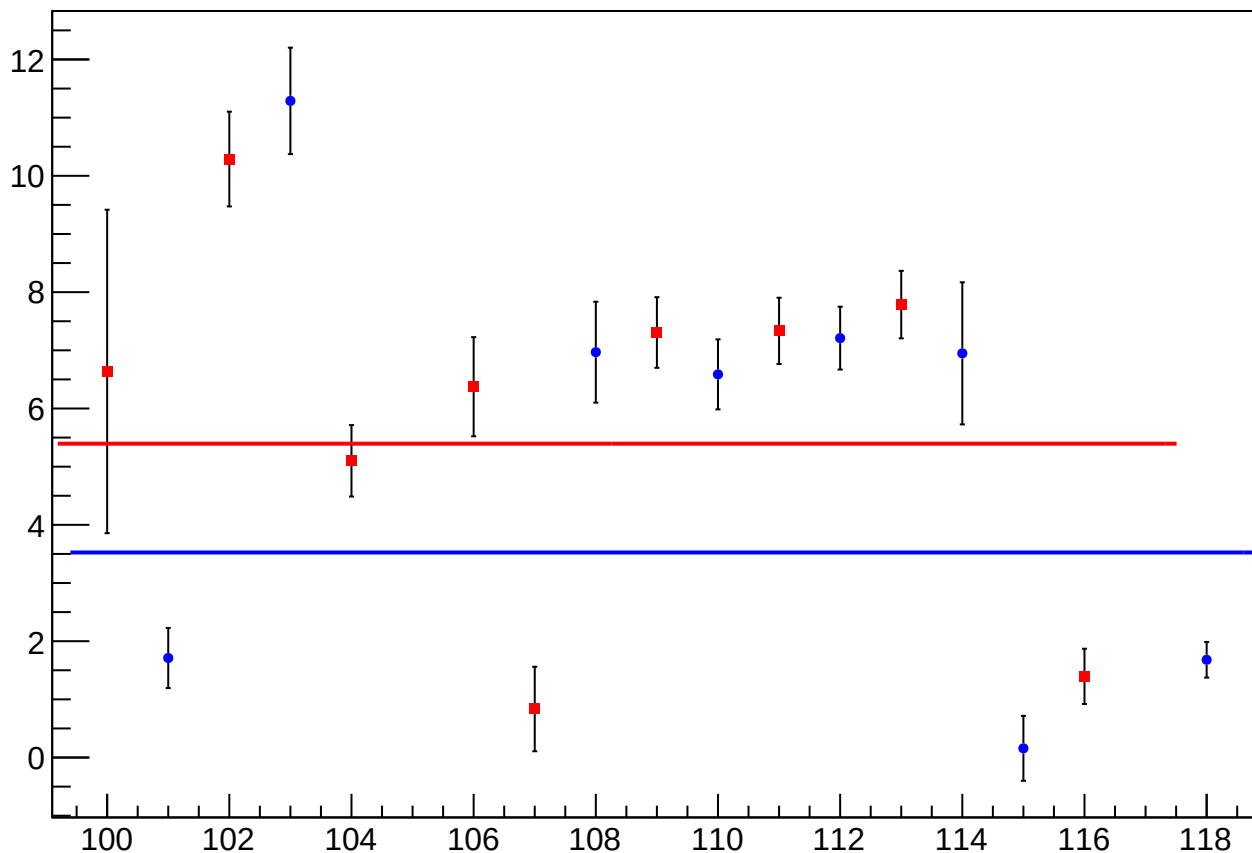
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.667 $\pm$ 0.119 χ^2 /NDF: 1168.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 3.525 $\pm$ 0.193 χ^2 /NDF: 252.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.395 $\pm$ 0.219 χ^2 /NDF: 186.7/8

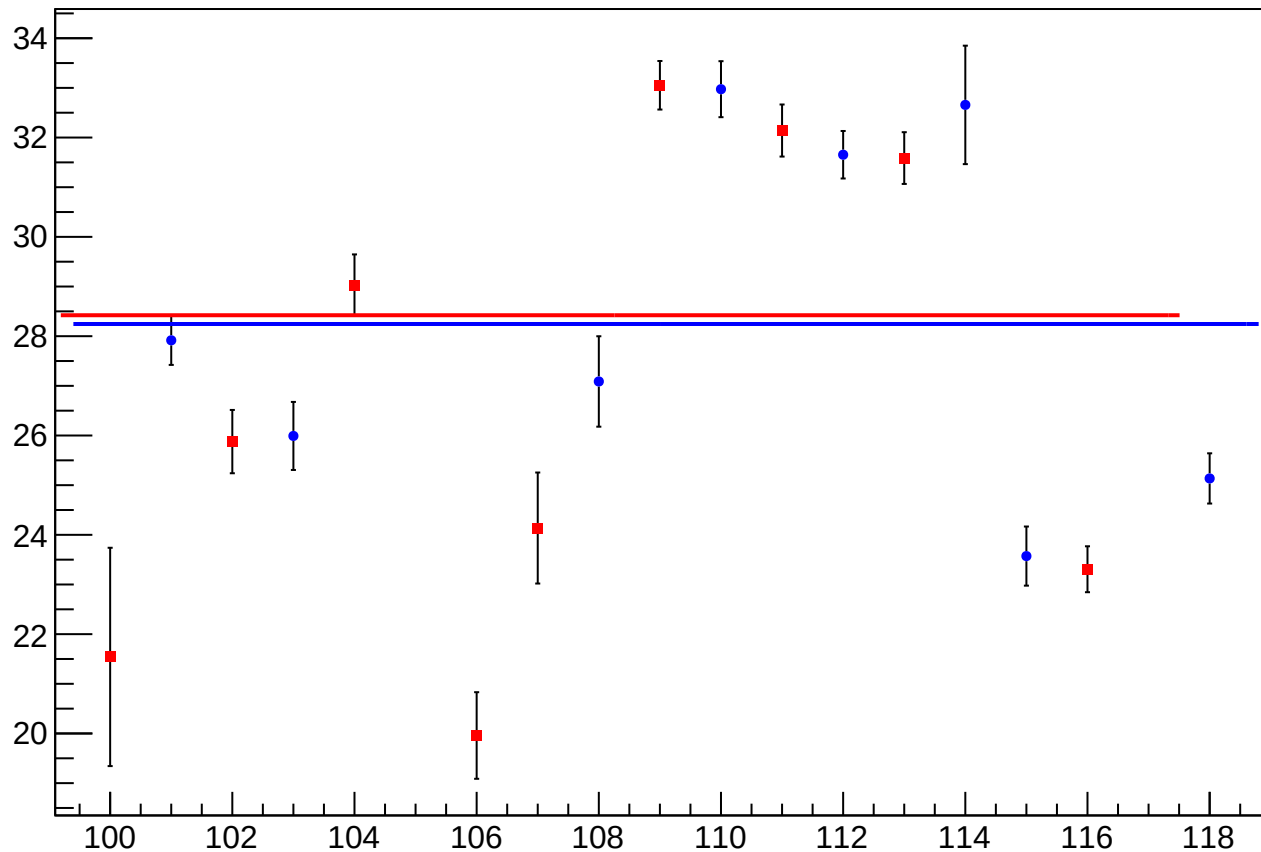
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.338 $\pm$ 0.145 χ^2 /NDF: 480.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



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: 28.422+/-0.206 χ^2 /NDF: 434.9/8

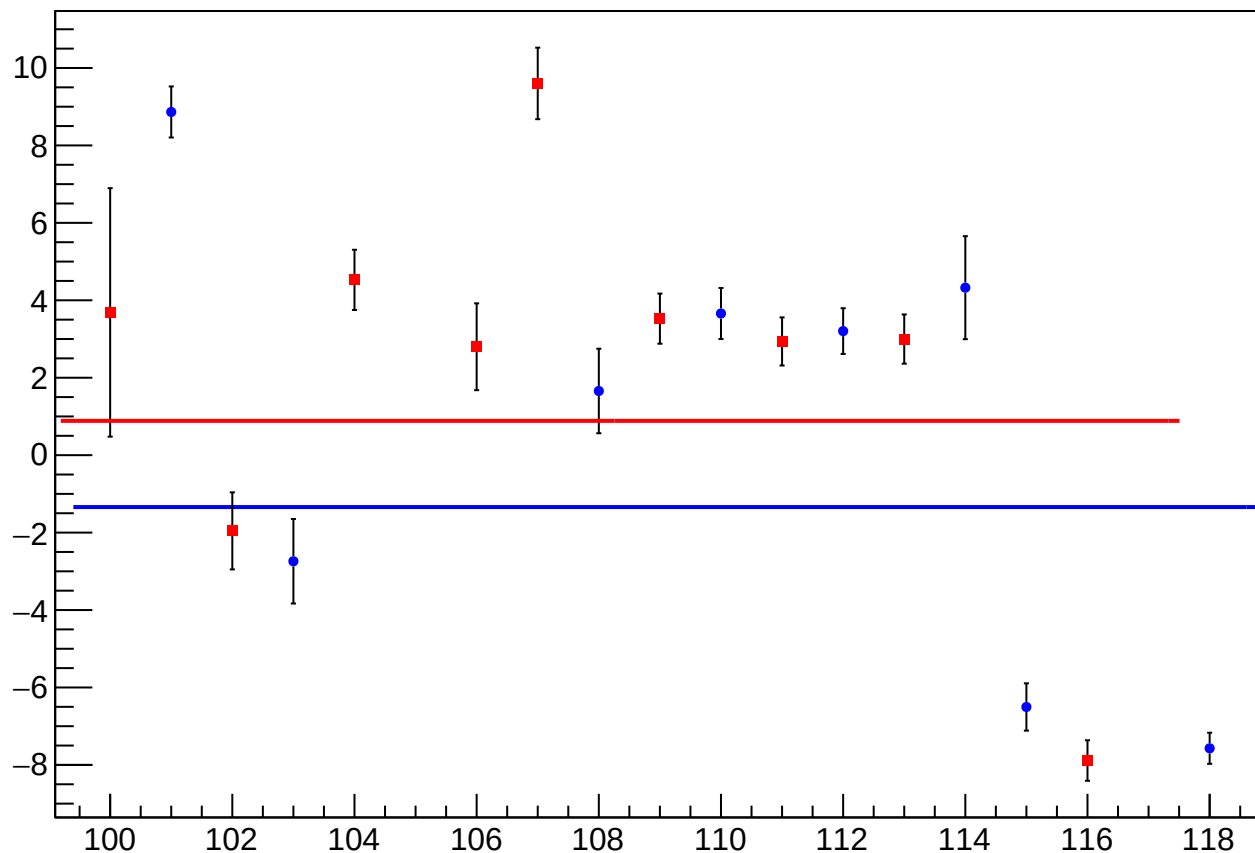
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.336+/-0.148 χ^2 /NDF: 682.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



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: 0.886 $\pm$ 0.251 χ^2 /NDF: 442.4/8

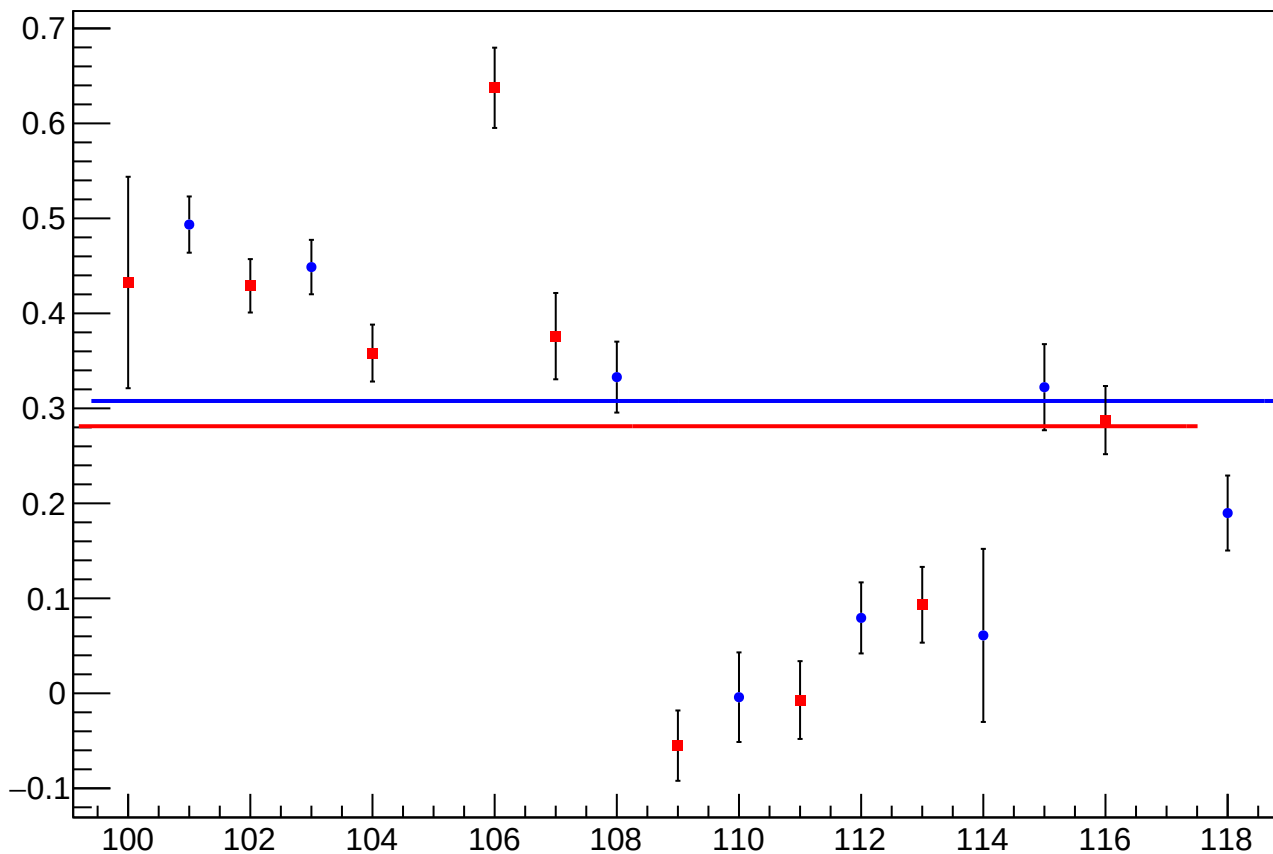
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.317 $\pm$ 0.170 χ^2 /NDF: 1180.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



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: 0.281 $\pm$ 0.013 χ^2 /NDF: 265.9/8

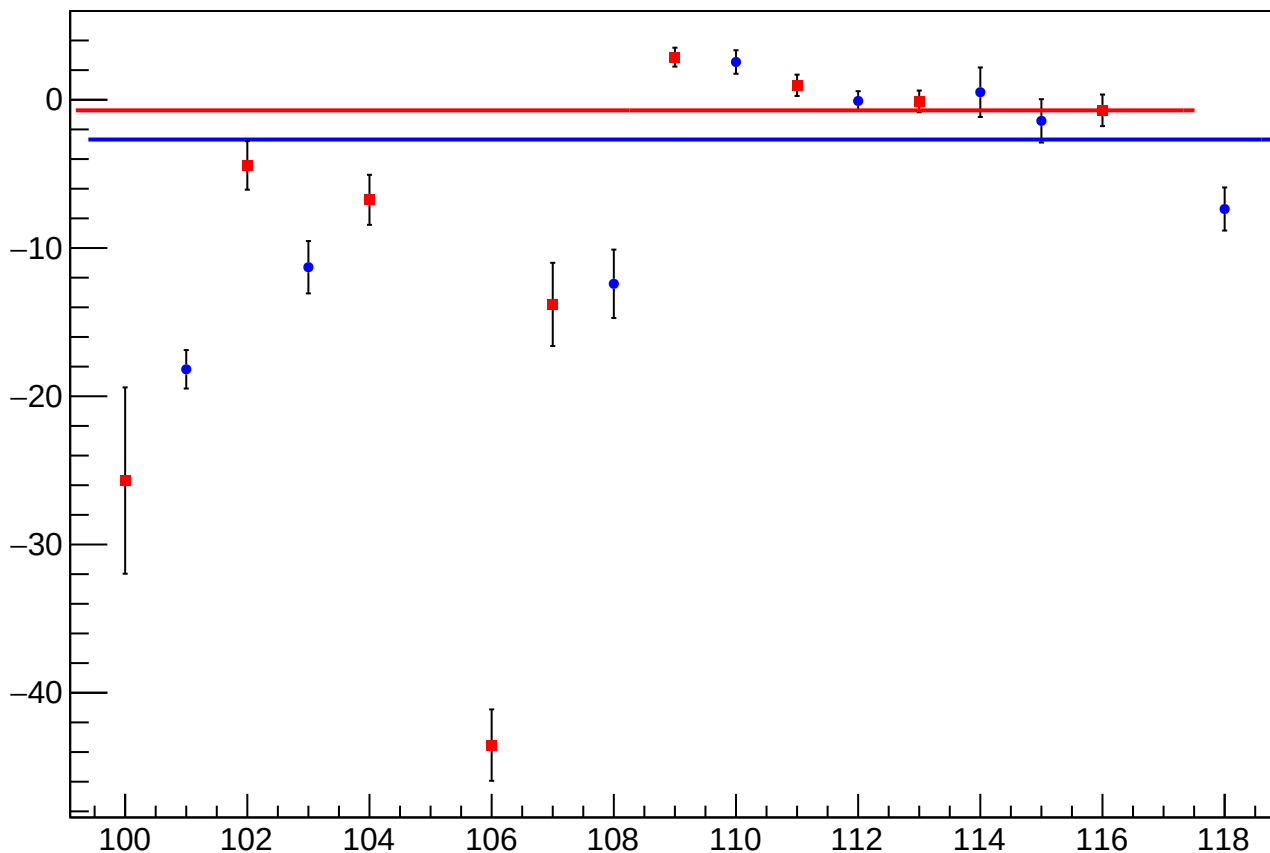
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.294 $\pm$ 0.009 χ^2 /NDF: 429.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



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: -0.713+/-0.350 χ^2/NDF : 409.3/8

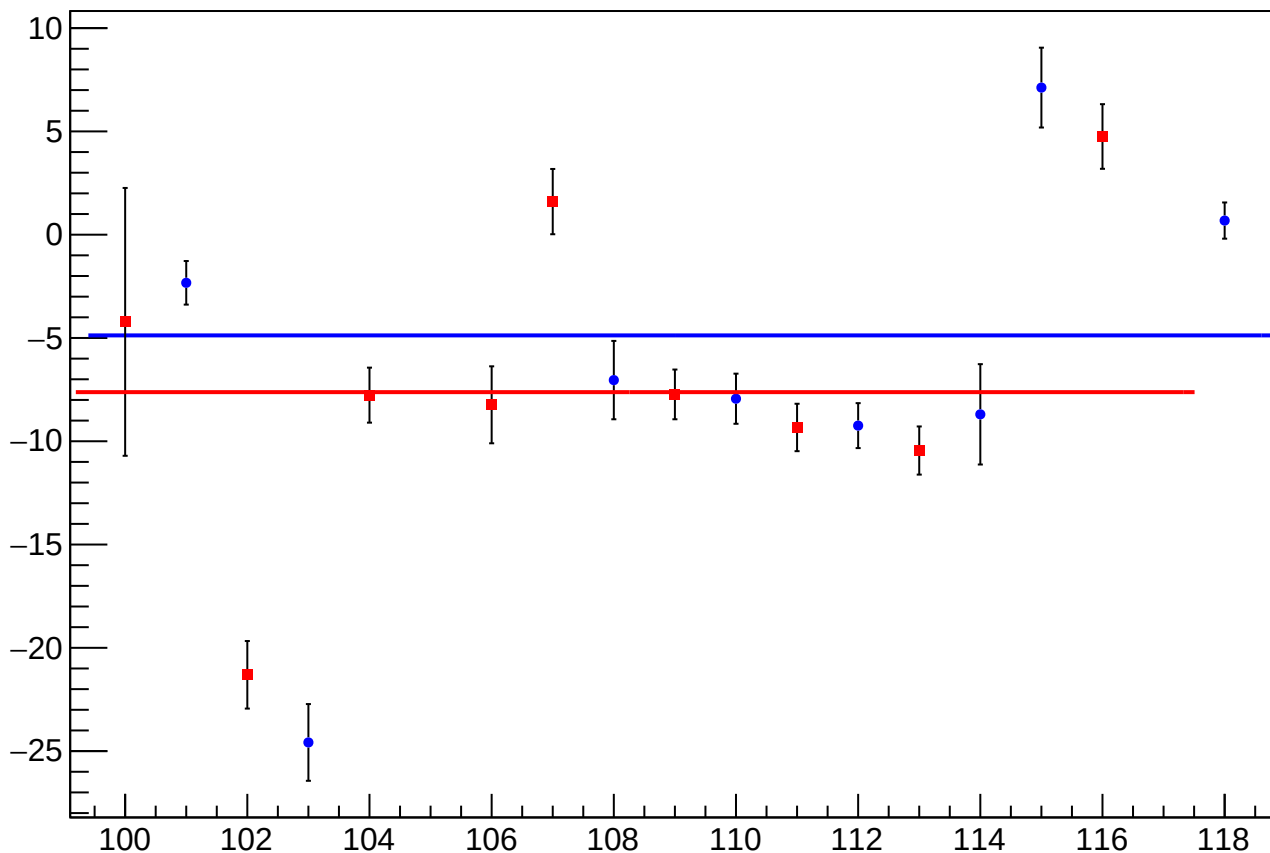
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.569+/-0.263 χ^2/NDF : 681.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



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: -7.622+/-0.485 χ^2 /NDF: 175.1/8

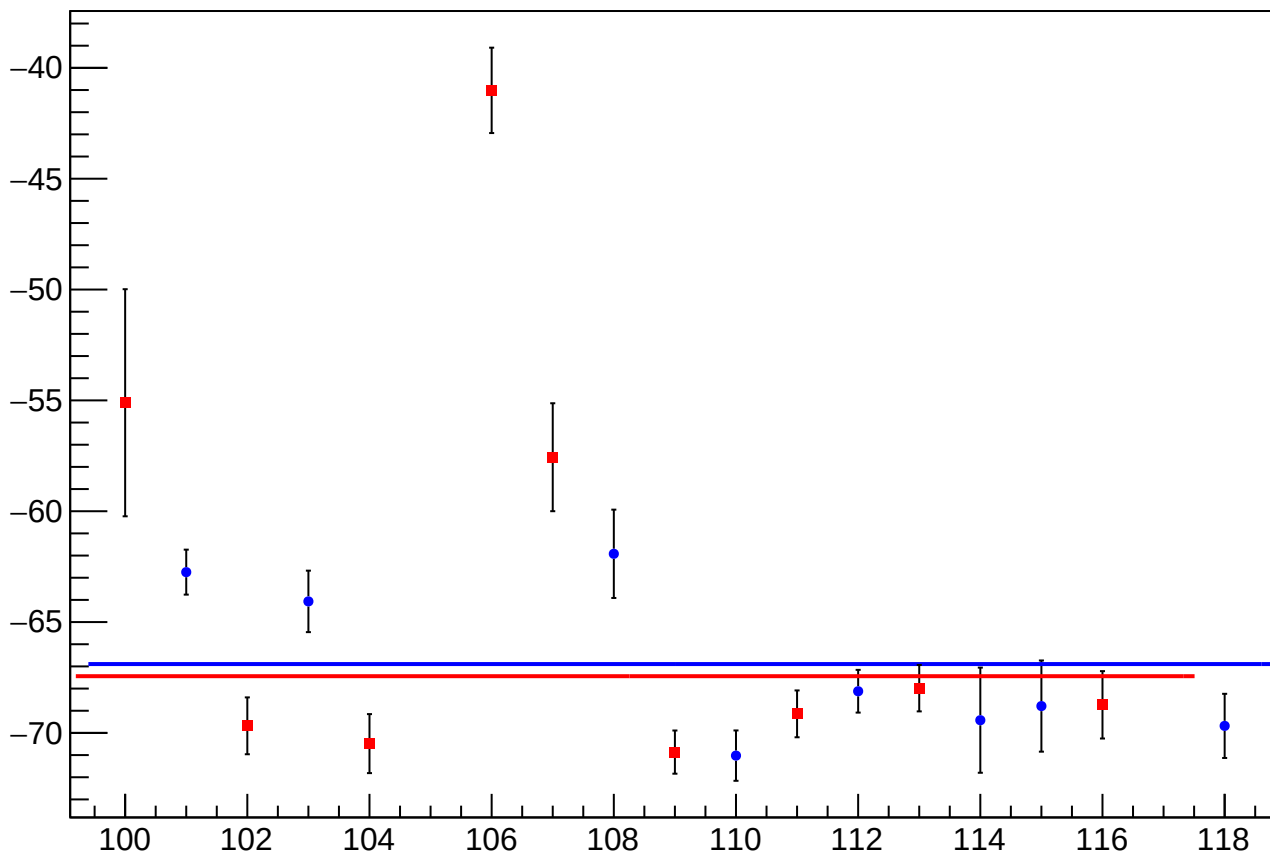
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.175+/-0.334 χ^2 /NDF: 415.4/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



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: -67.441 $\pm$ 0.450 χ^2 /NDF: 234.8/8

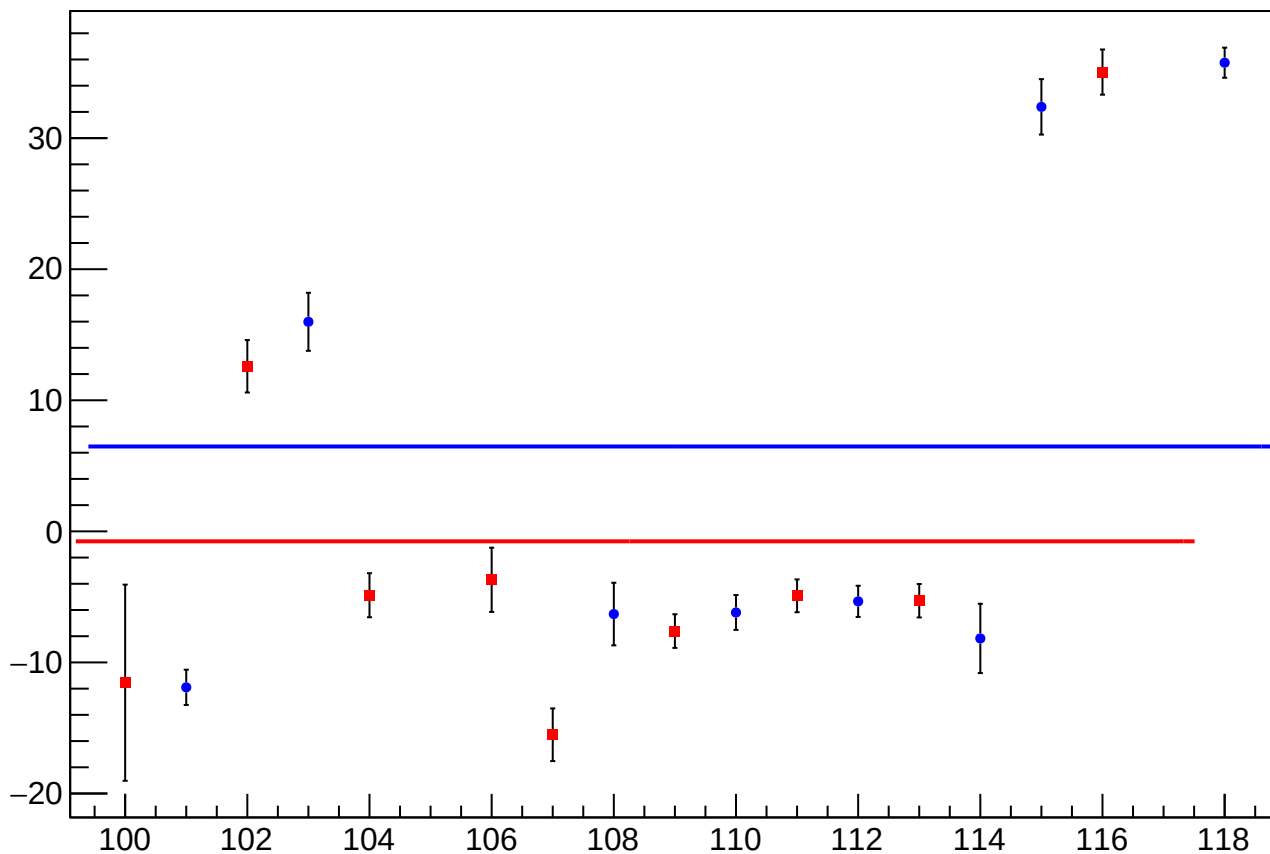
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.181 $\pm$ 0.326 χ^2 /NDF: 283.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



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: -0.760+/-0.556 χ^2/NDF : 591.3/8

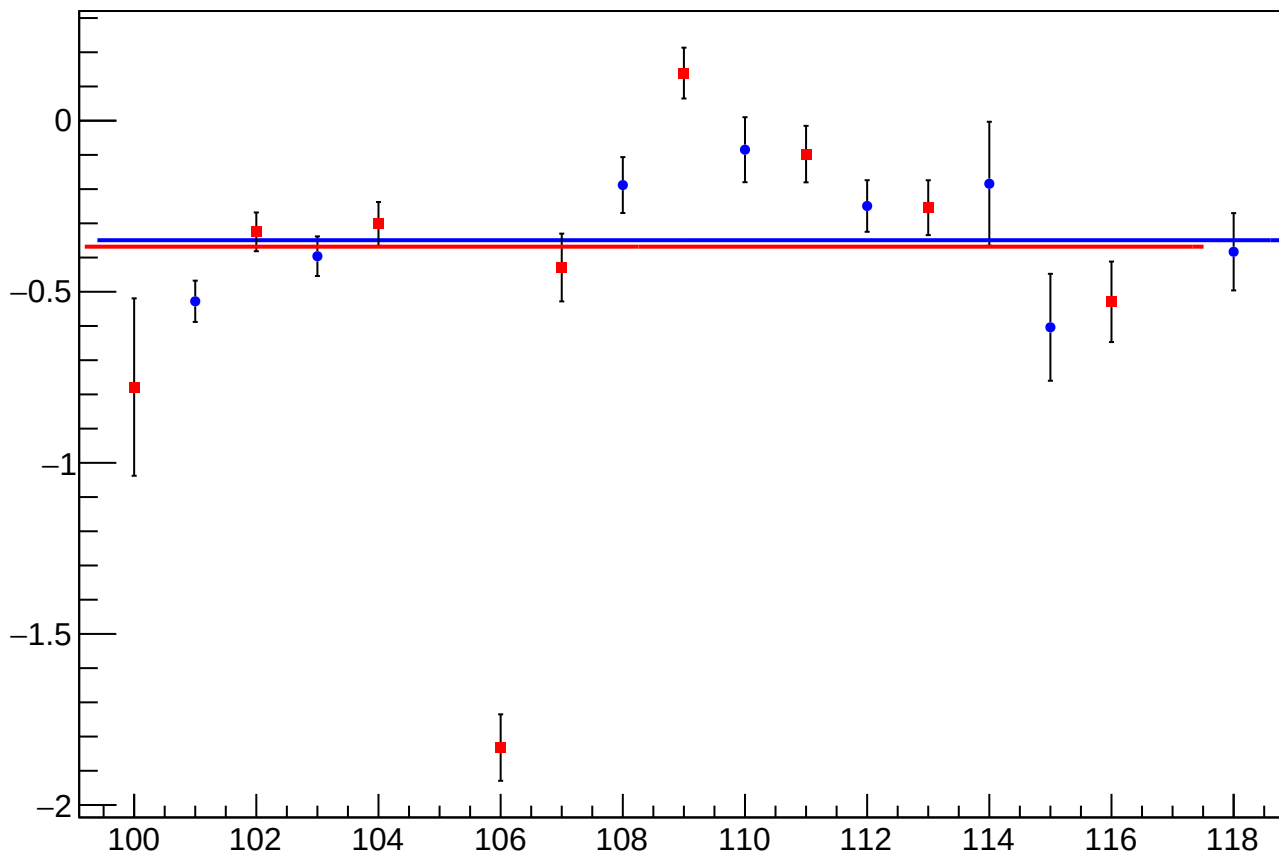
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.912+/-0.390 χ^2/NDF : 1932.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



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: -0.368 ± 0.027 χ^2/NDF : 293.1/8

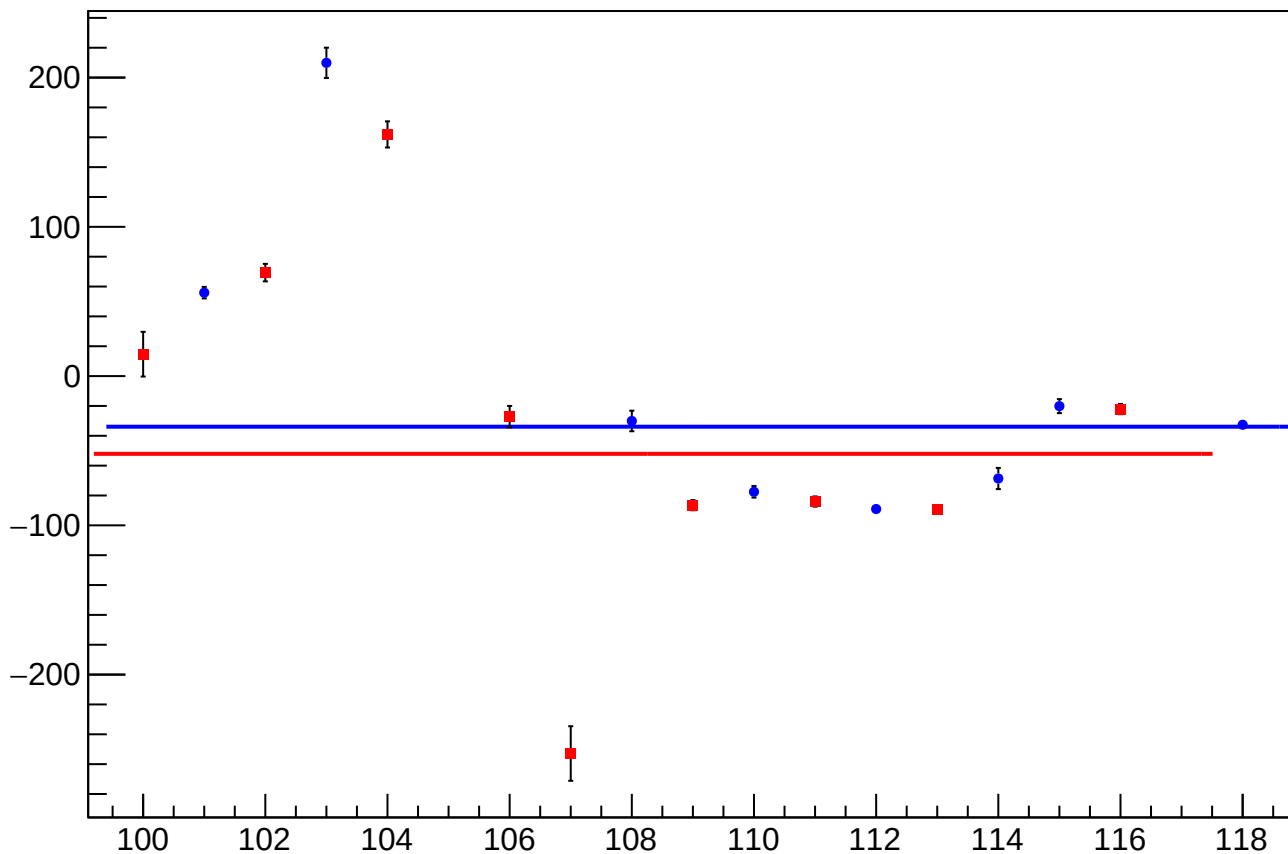
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.359 ± 0.020 χ^2/NDF : 319.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -33.904 ± 1.540 χ^2/NDF : 1583.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -52.082 ± 1.554 χ^2/NDF : 1567.5/8

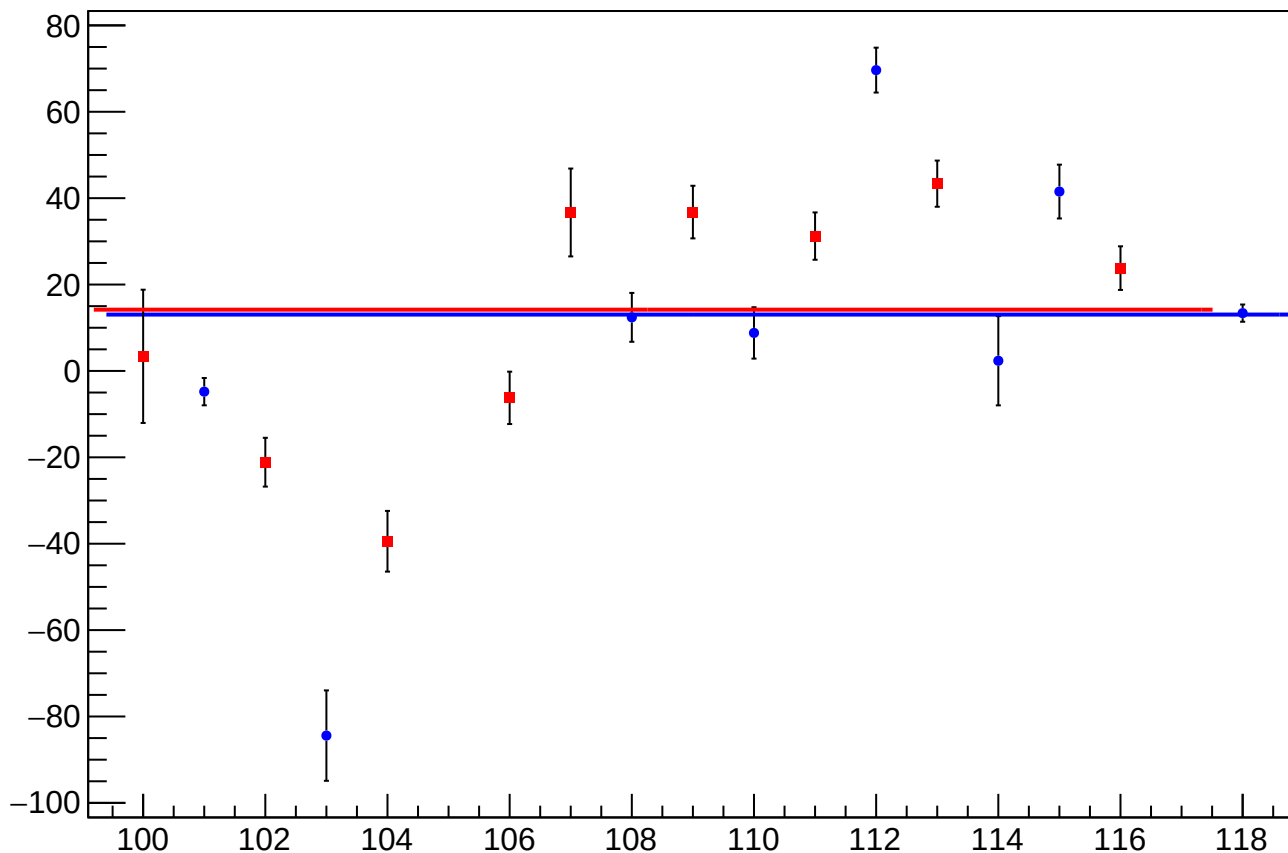
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.914 ± 1.094 χ^2/NDF : 3220.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



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: 14.186+/-2.098 χ^2 /NDF: 170.8/8

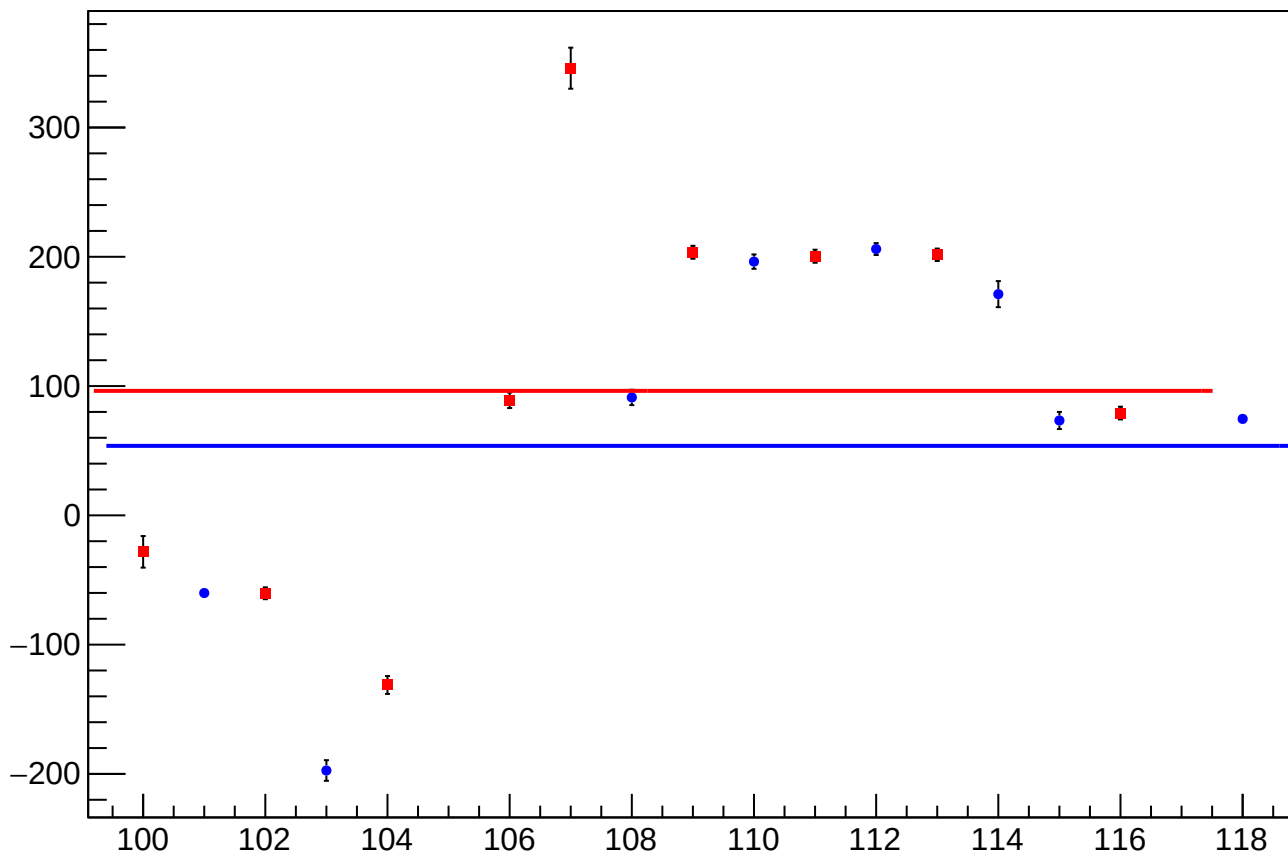
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.409+/-1.179 χ^2 /NDF: 430.8/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 53.750 $\pm$ 1.673 χ^2 /NDF: 4388.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.298 $\pm$ 1.920 χ^2 /NDF: 3980.4/8

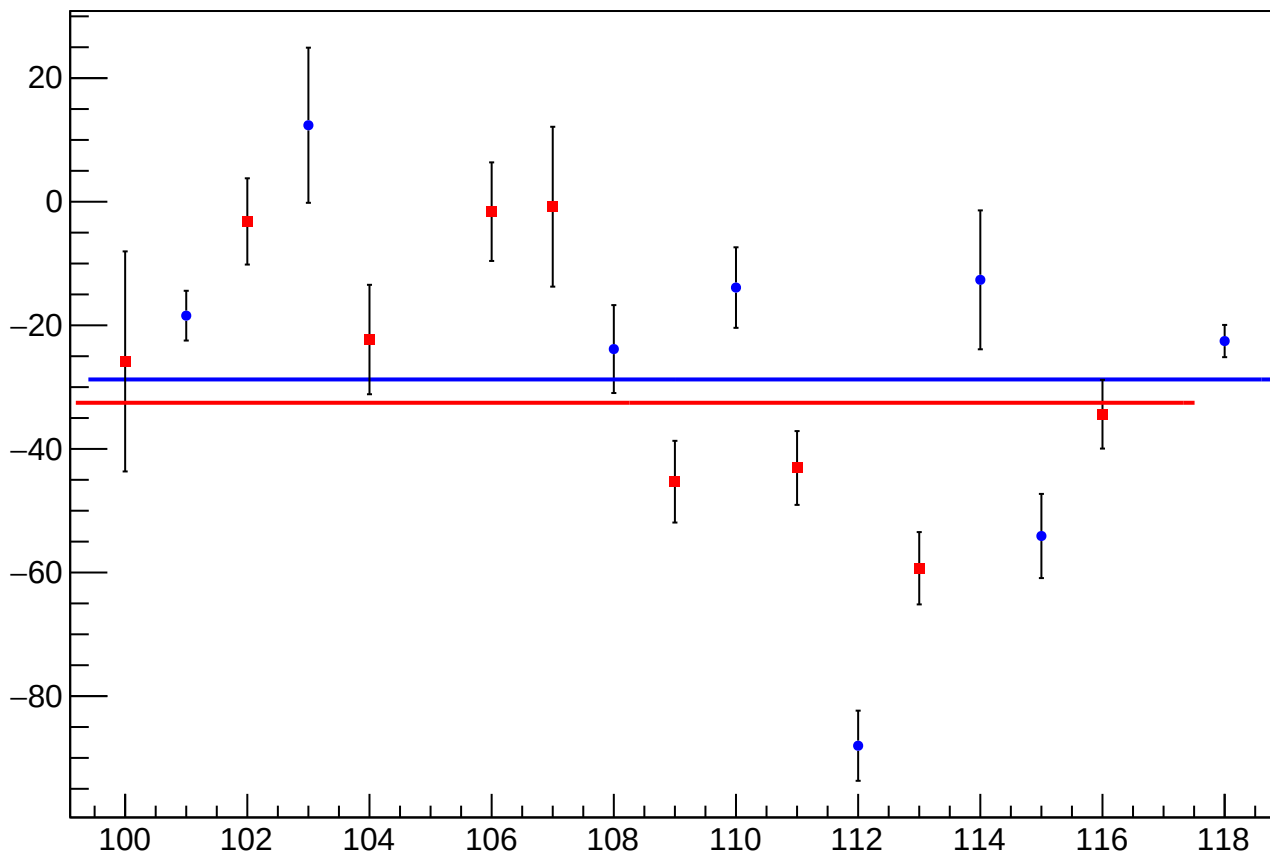
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.113 $\pm$ 1.262 χ^2 /NDF: 8648.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



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: -32.532 ± 2.421 χ^2/NDF : 68.1/8

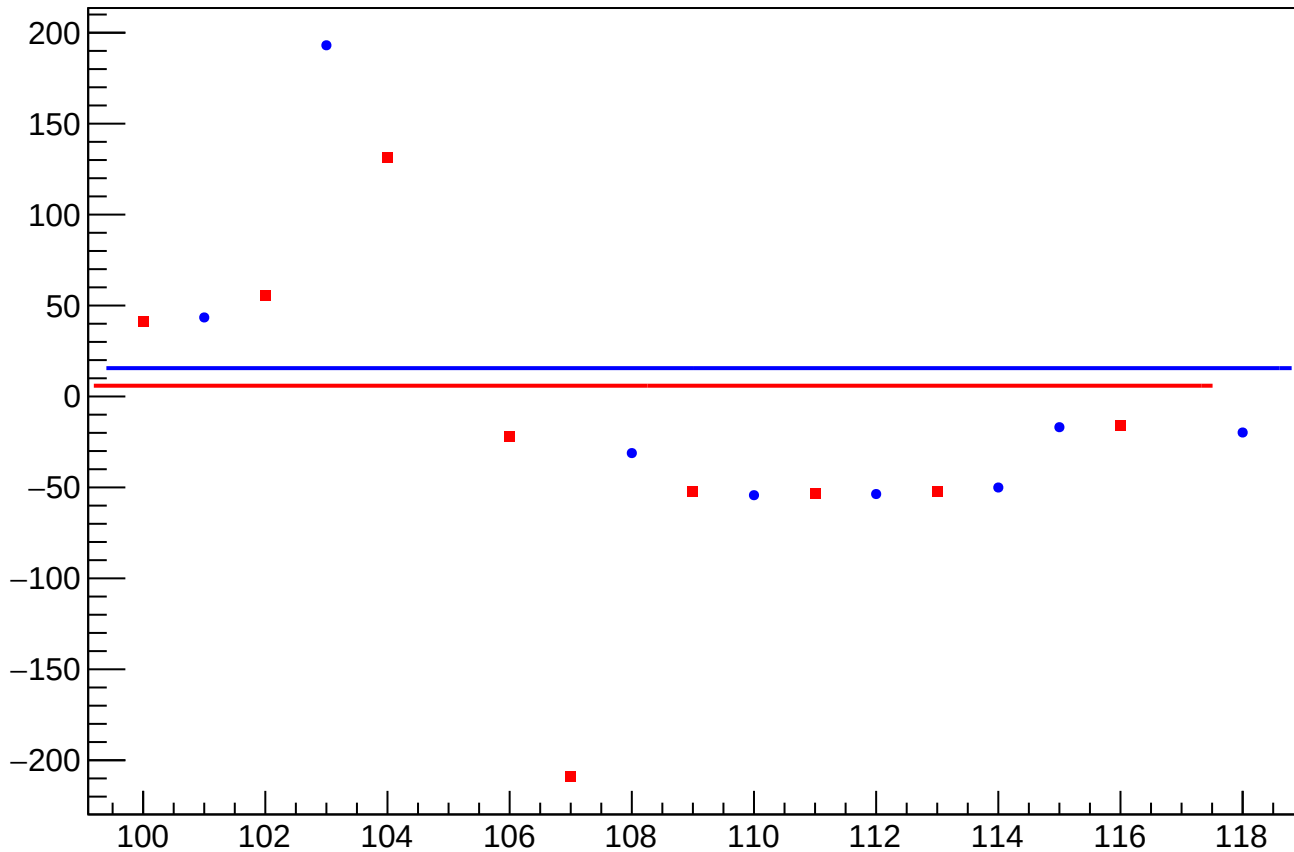
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.074 ± 1.429 χ^2/NDF : 223.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



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: 5.917+/-0.112 χ^2/NDF : 401396.2/8

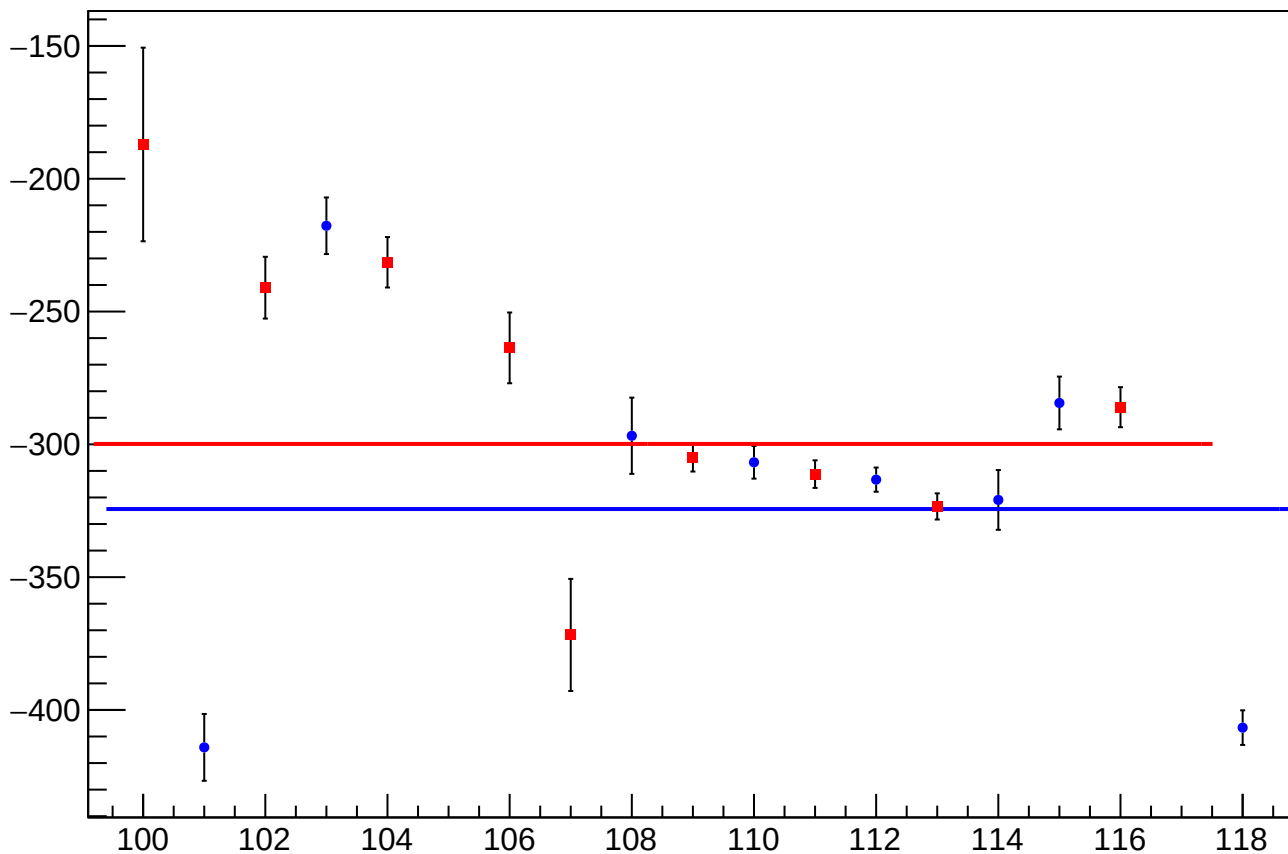
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.031+/-0.077 χ^2/NDF : 835896.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



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: -299.845 ± 2.519 χ^2/NDF : 137.9/8

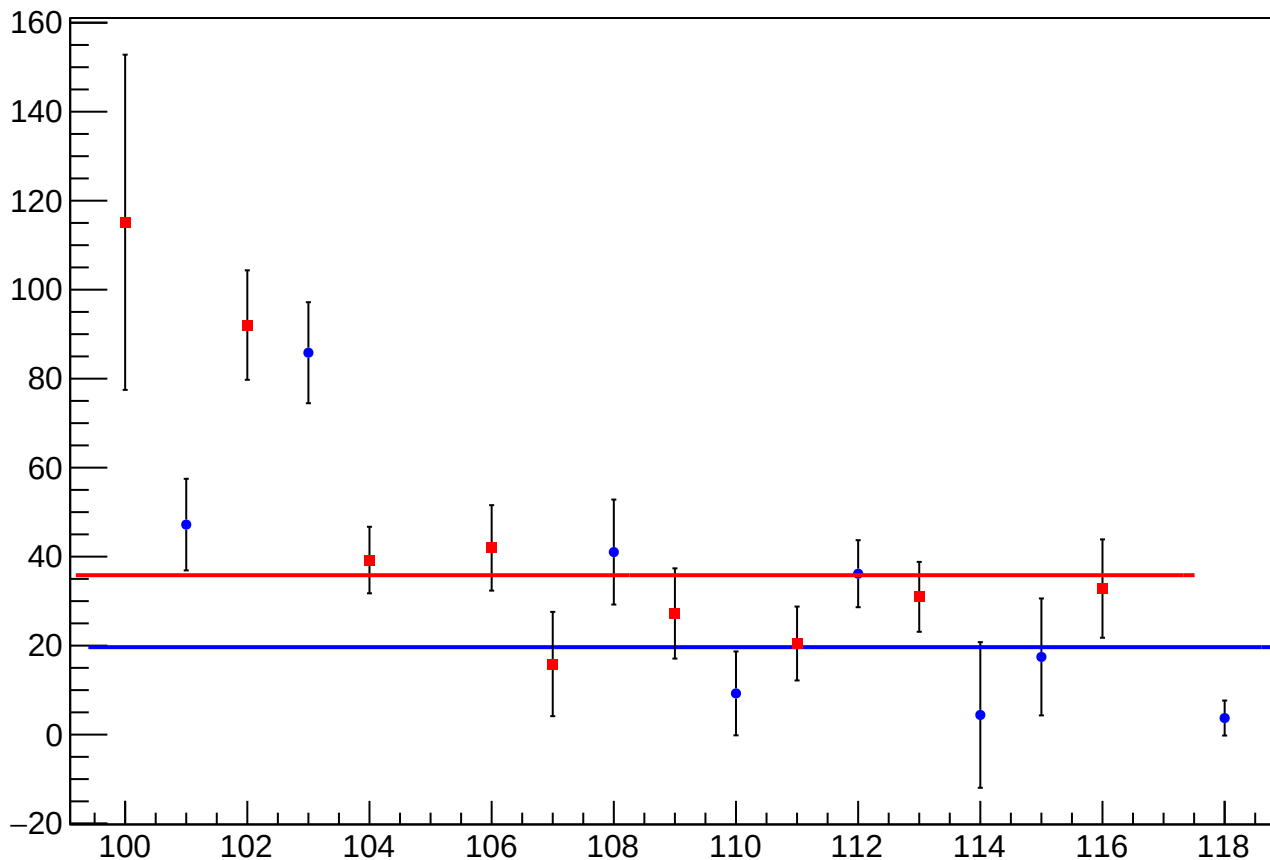
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -311.206 ± 1.845 χ^2/NDF : 526.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



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: 35.827+/-3.298 χ^2/NDF : 33.4/8

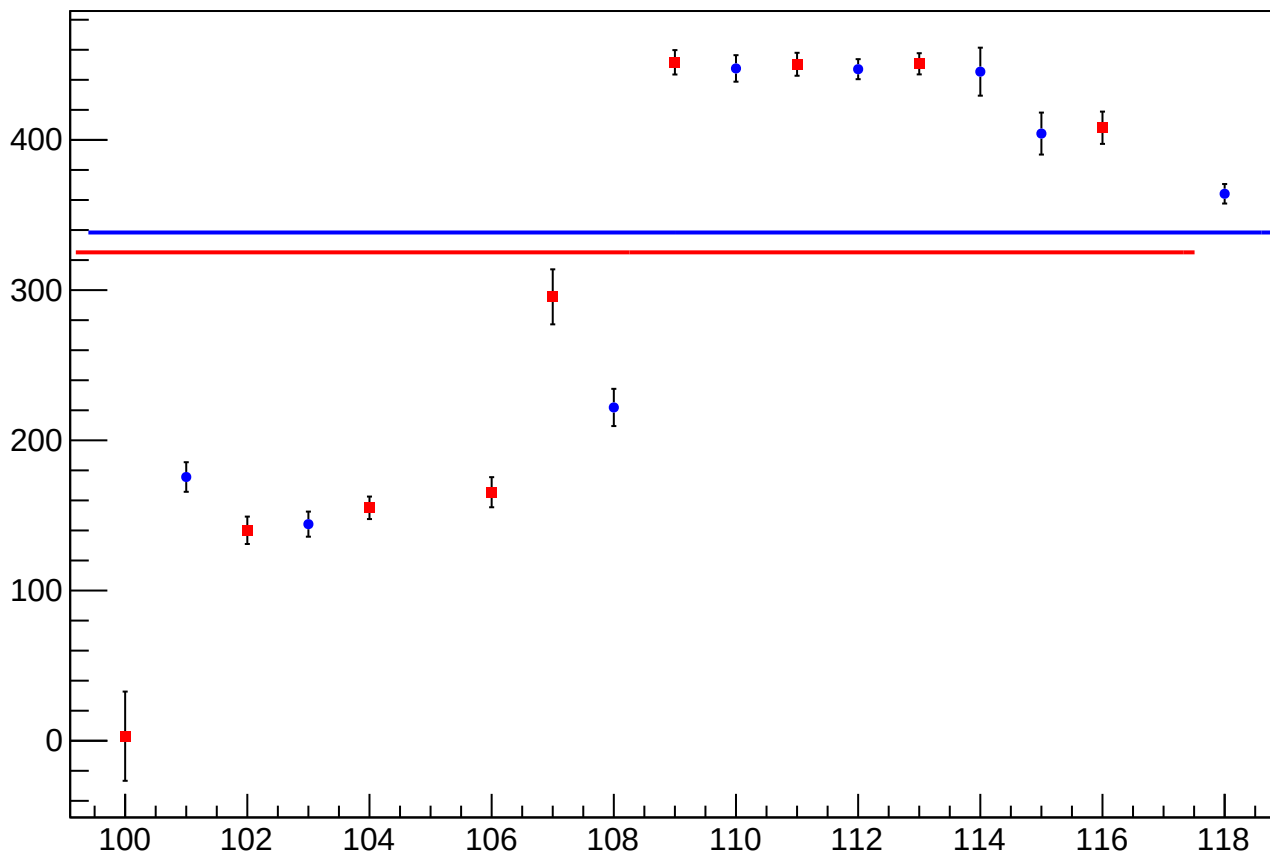
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.429+/-2.135 χ^2/NDF : 115.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



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: 325.143+/-3.086 χ^2/NDF : 2189.5/8

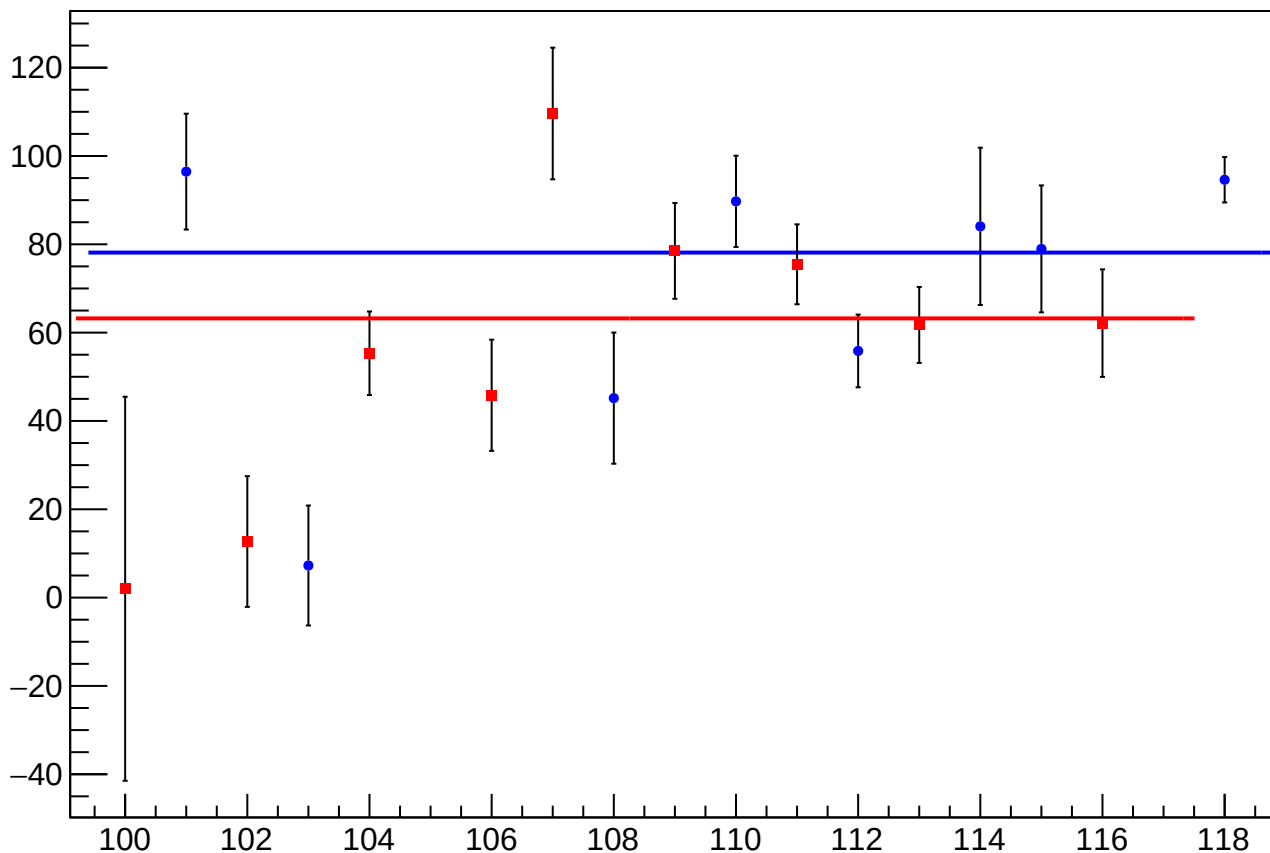
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 331.568+/-2.213 χ^2/NDF : 3601.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 78.127 $\pm$ 3.415 χ^2 /NDF: 53.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.222 $\pm$ 3.834 χ^2 /NDF: 29.8/8

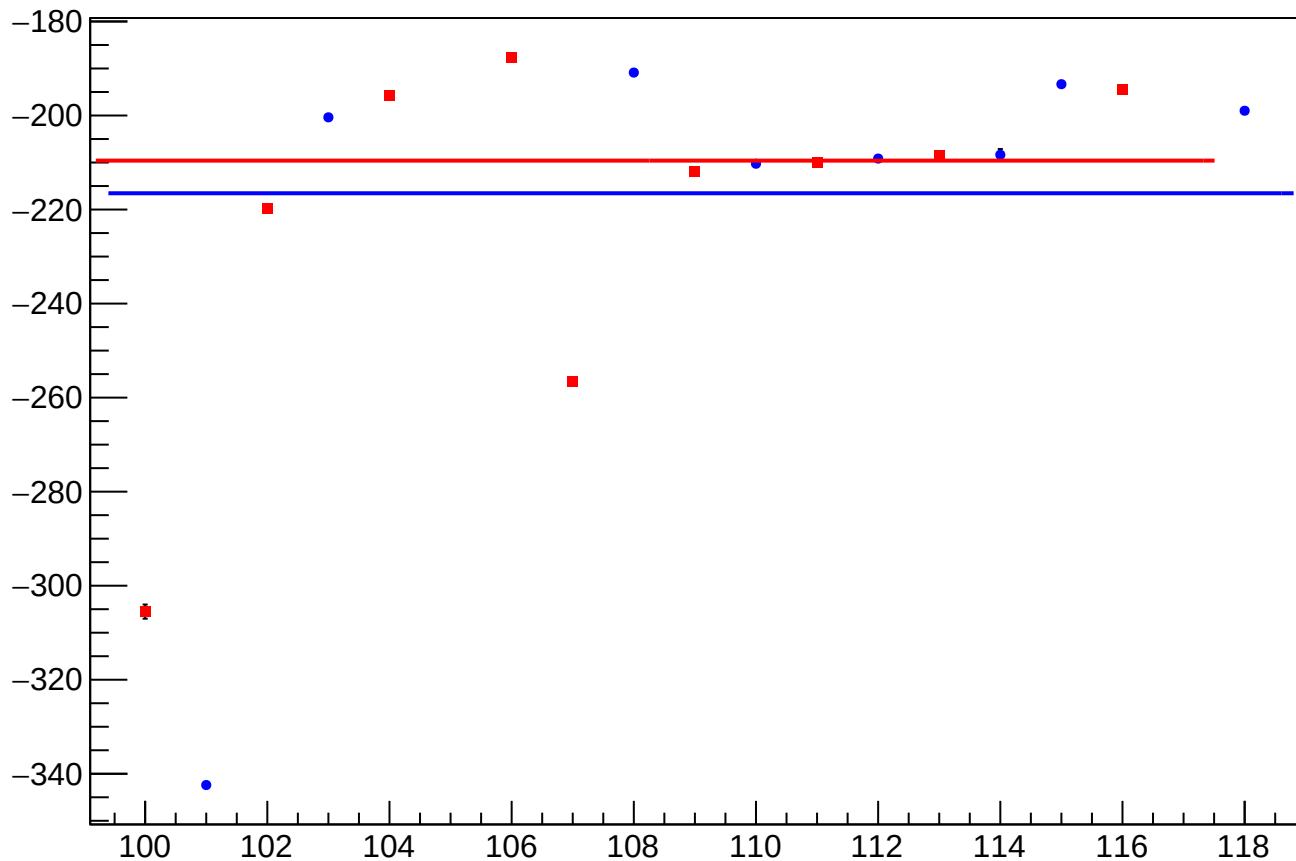
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.532 $\pm$ 2.550 χ^2 /NDF: 91.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -216.537 $\pm$ 0.197 χ^2 /NDF: 52422.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -209.596 $\pm$ 0.182 χ^2 /NDF: 12065.8/8

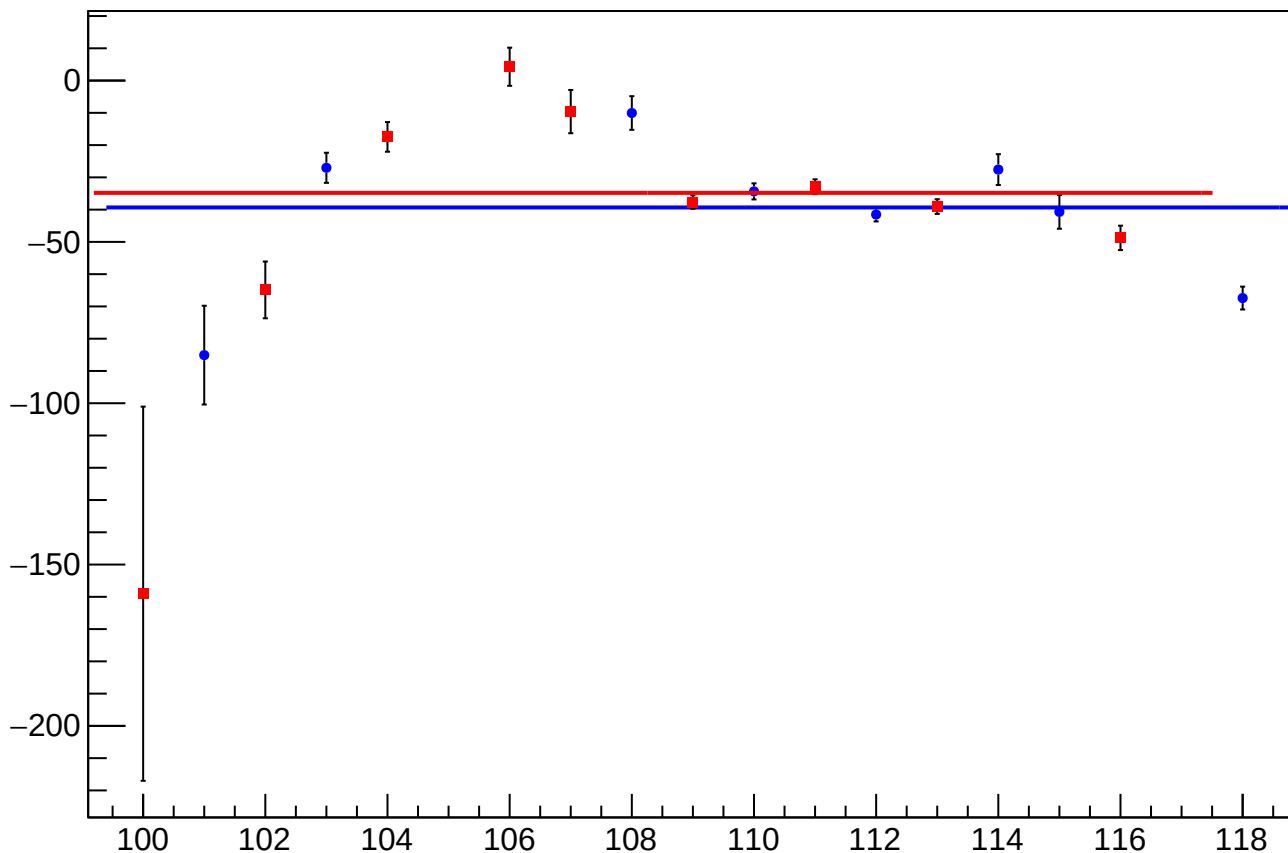
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.805 $\pm$ 0.134 χ^2 /NDF: 65158.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -39.326 $\pm$ 1.264 χ^2 /NDF: 121.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.809 $\pm$ 1.125 χ^2 /NDF: 108.0/8

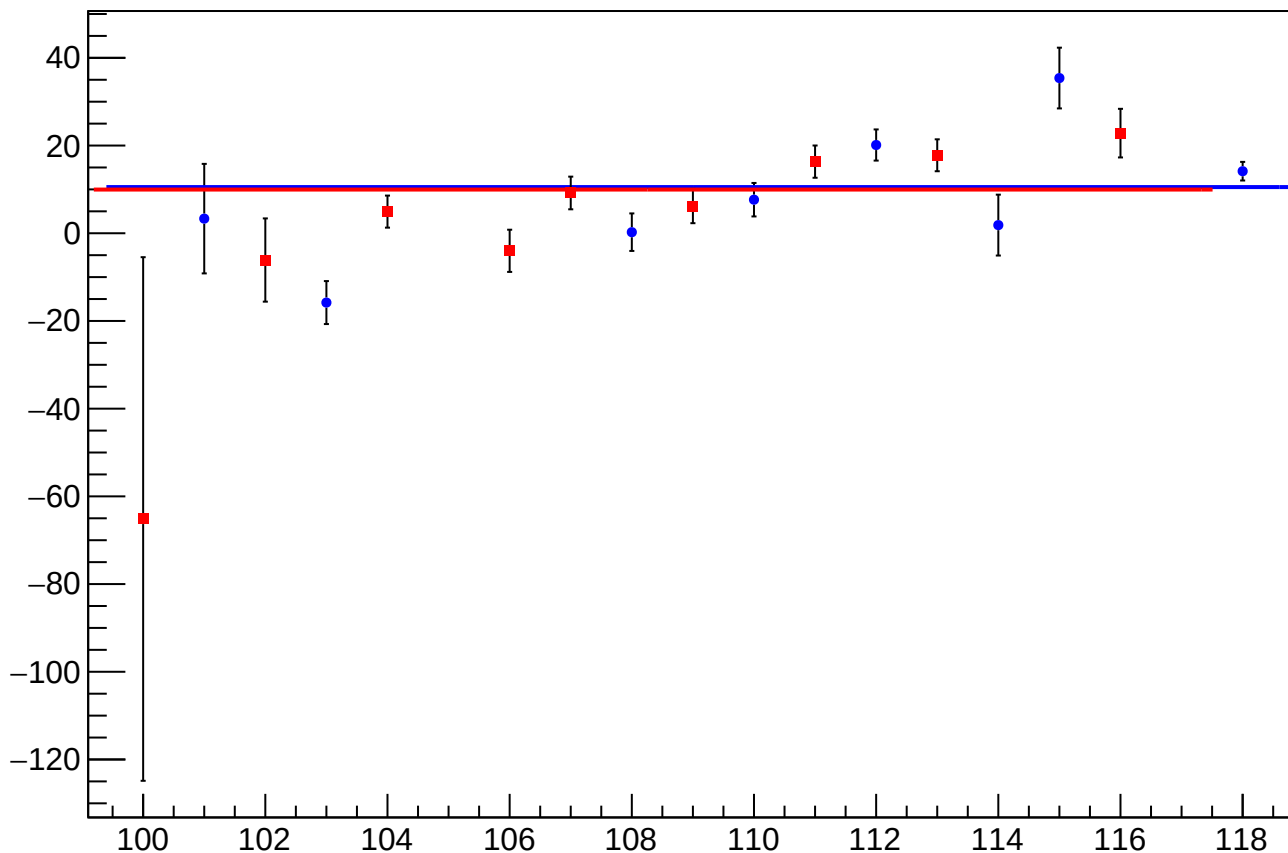
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.804 $\pm$ 0.840 χ^2 /NDF: 236.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 10.530 $\pm$ 1.395 χ^2 /NDF: 60.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.963 $\pm$ 1.493 χ^2 /NDF: 28.7/8

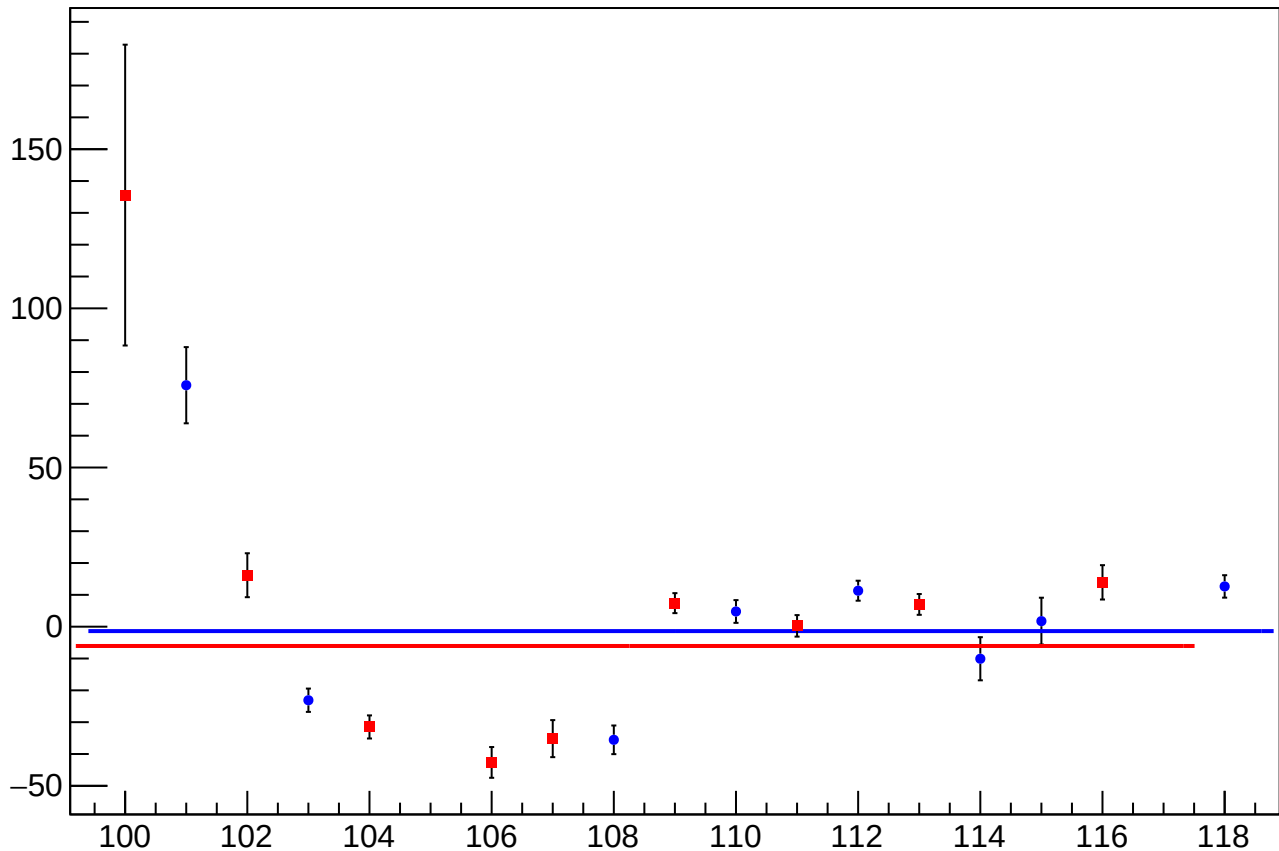
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.266 $\pm$ 1.019 χ^2 /NDF: 89.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: -1.386 $\pm$ 1.522 χ^2 /NDF: 171.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.064 $\pm$ 1.433 χ^2 /NDF: 202.4/8

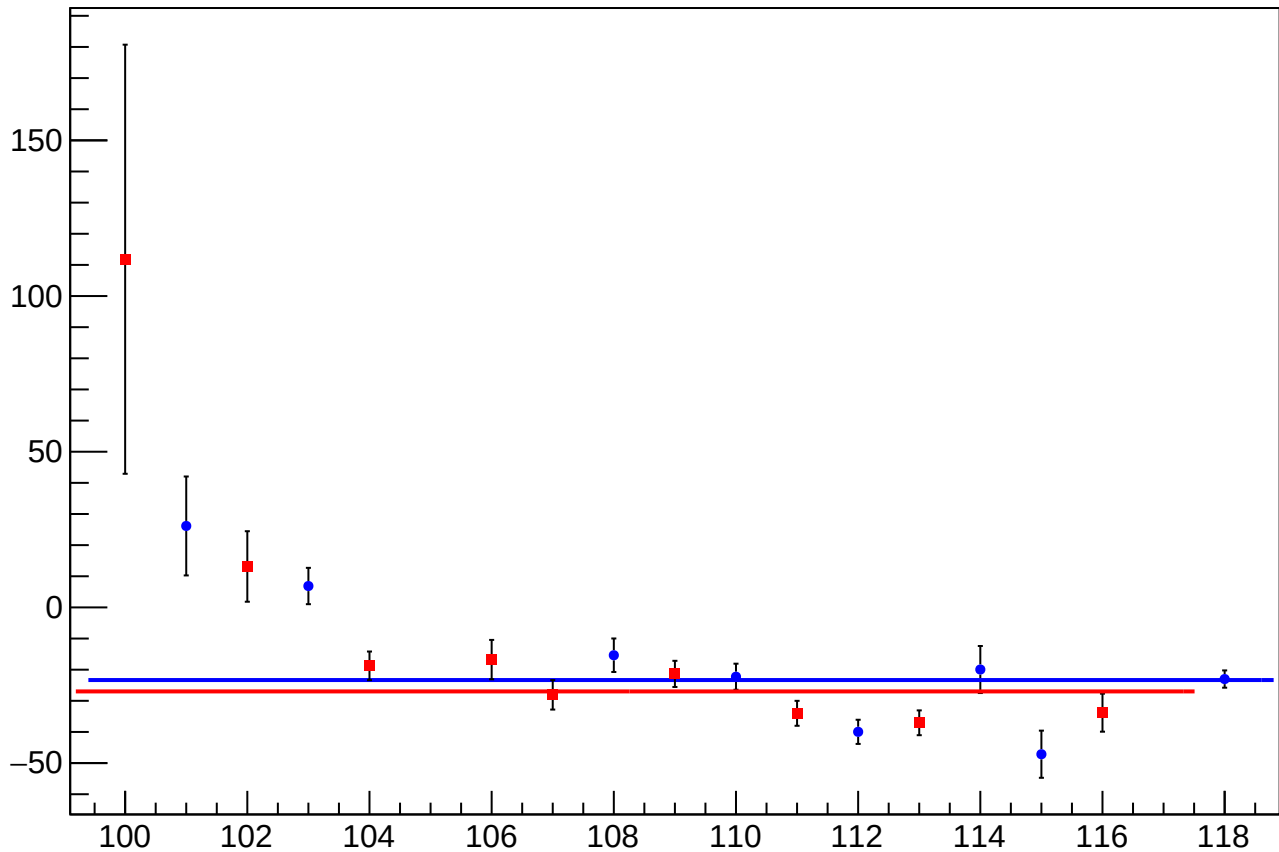
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.866 $\pm$ 1.044 χ^2 /NDF: 378.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -23.329 ± 1.675 $\chi^2/\text{NDF}: 67.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -26.983 ± 1.731 $\chi^2/\text{NDF}: 35.0/8$

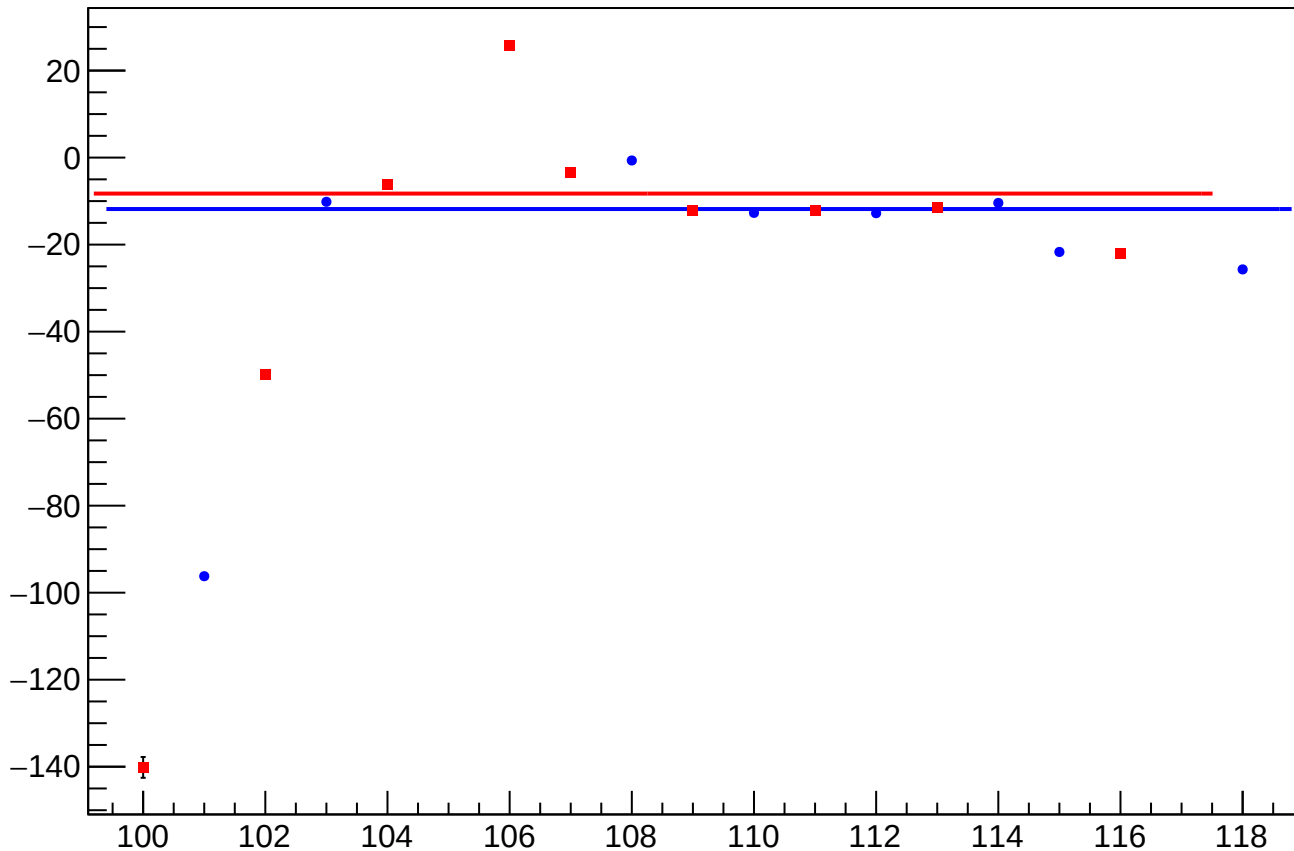
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -25.096 ± 1.204 $\chi^2/\text{NDF}: 104.5/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr1_diff_bpm12X_slope vs Slug



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: -8.271 ± 0.085 χ^2/NDF : 46797.2/8

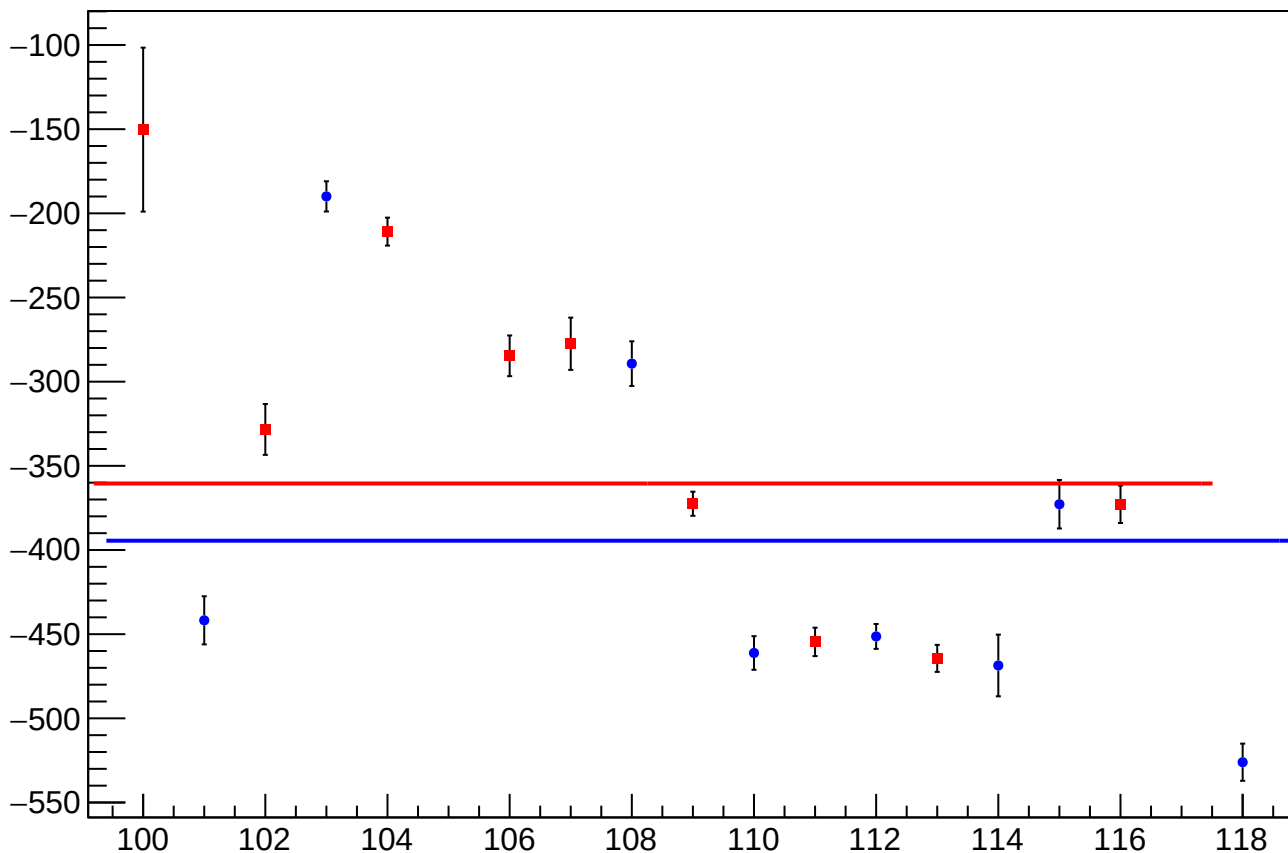
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.945 ± 0.062 χ^2/NDF : 68530.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



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: -360.489+/-3.381 χ^2/NDF : 712.1/8

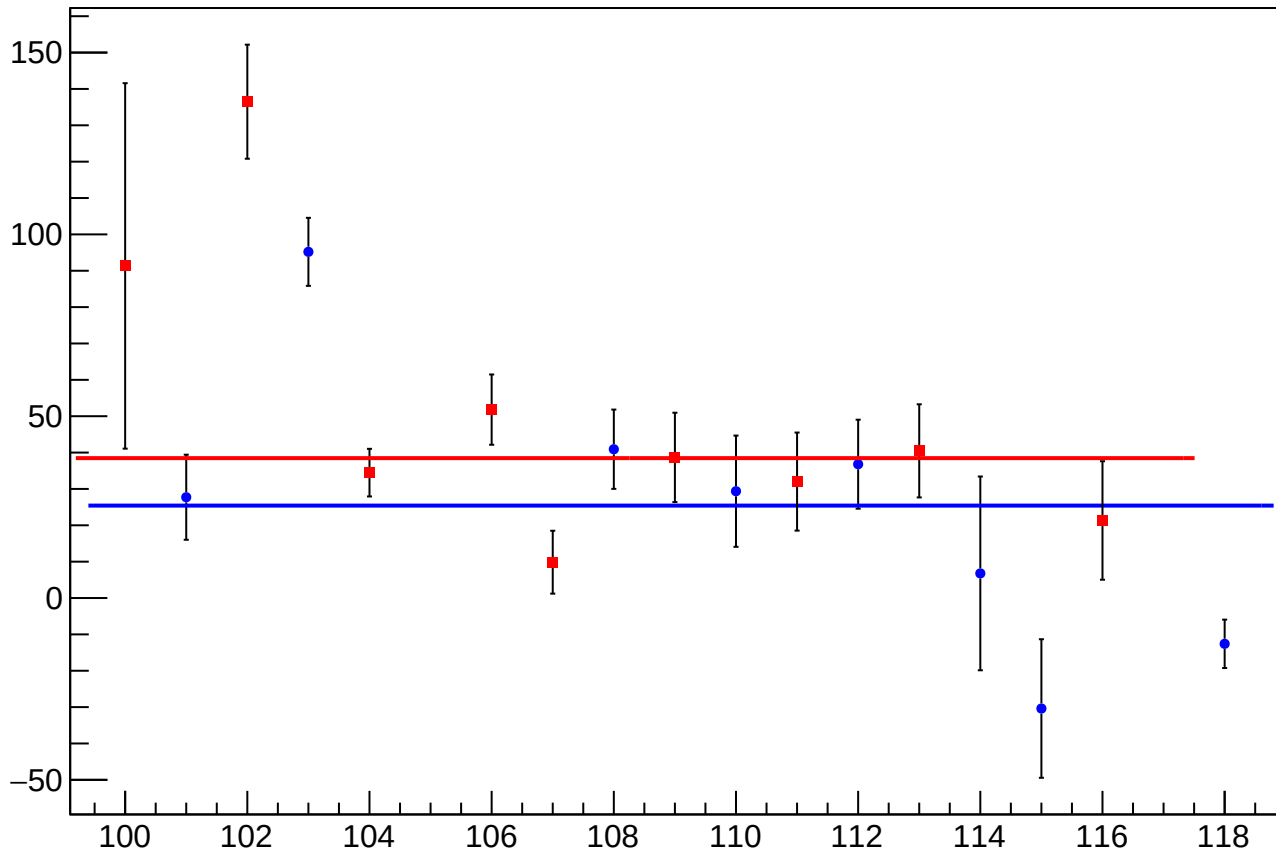
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.266+/-2.542 χ^2/NDF : 1613.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



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: 38.471+/-3.680 χ^2/NDF : 54.7/8

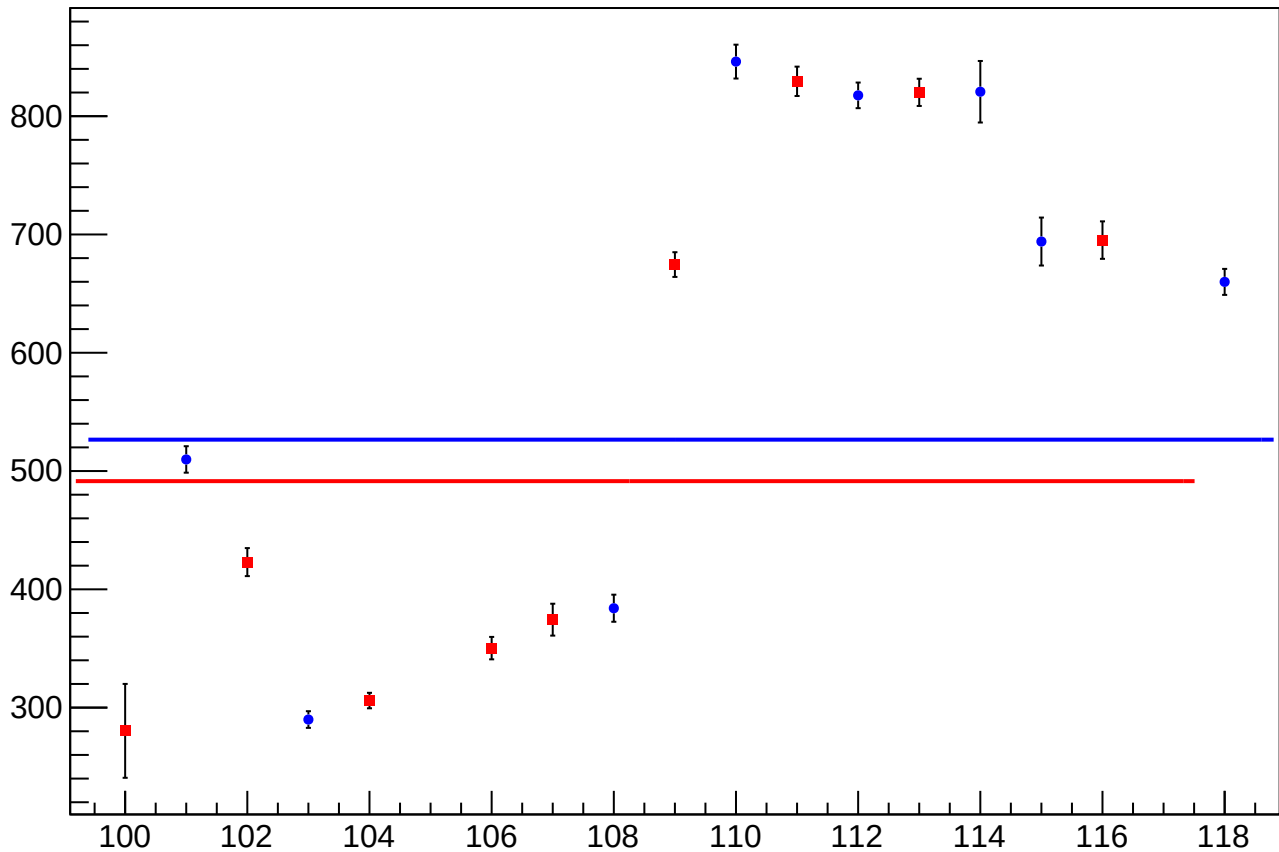
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.368+/-2.685 χ^2/NDF : 161.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 526.539 $\pm$ 4.037 χ^2 /NDF: 2849.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.462 $\pm$ 3.653 χ^2 /NDF: 3193.9/8

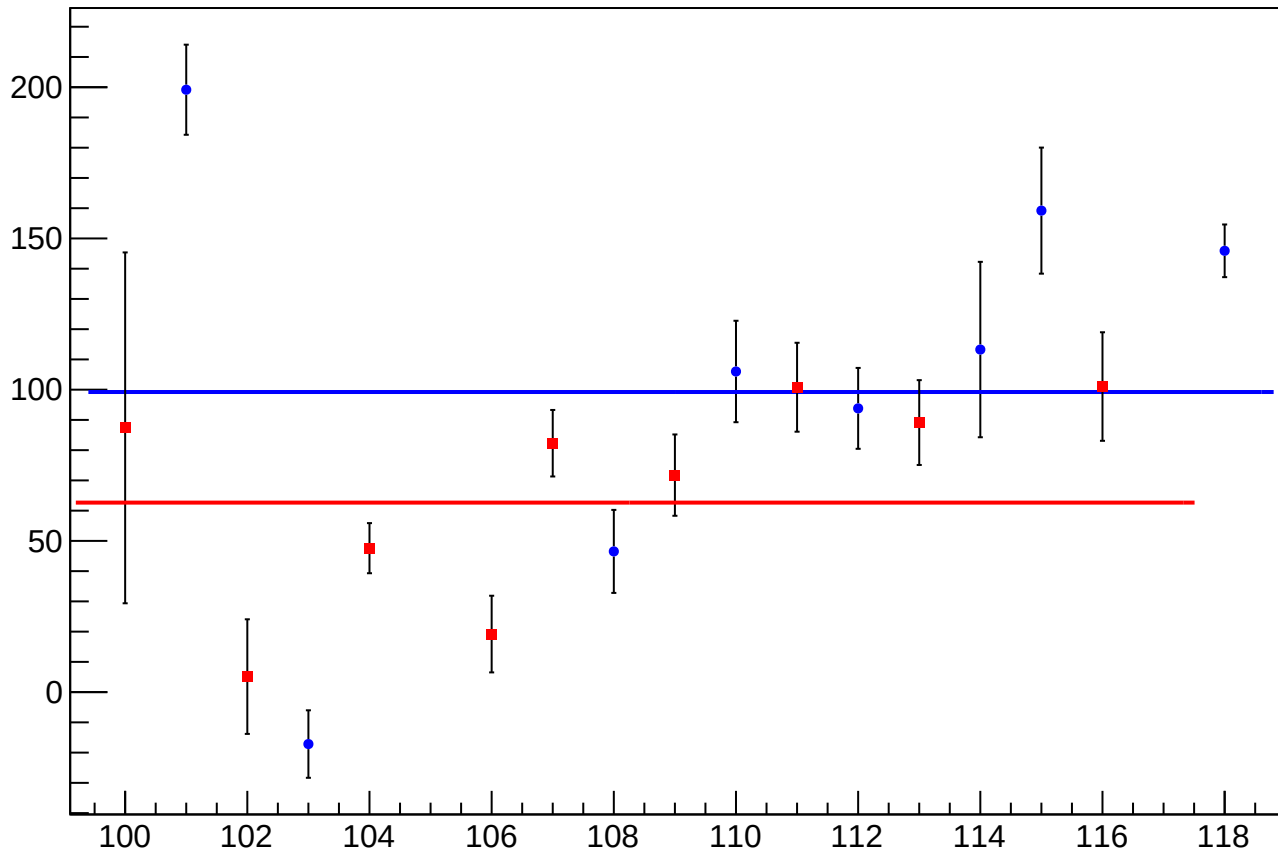
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 507.251 $\pm$ 2.709 χ^2 /NDF: 6084.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 99.227 $\pm$ 4.785 χ^2 /NDF: 206.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.660 $\pm$ 4.450 χ^2 /NDF: 43.0/8

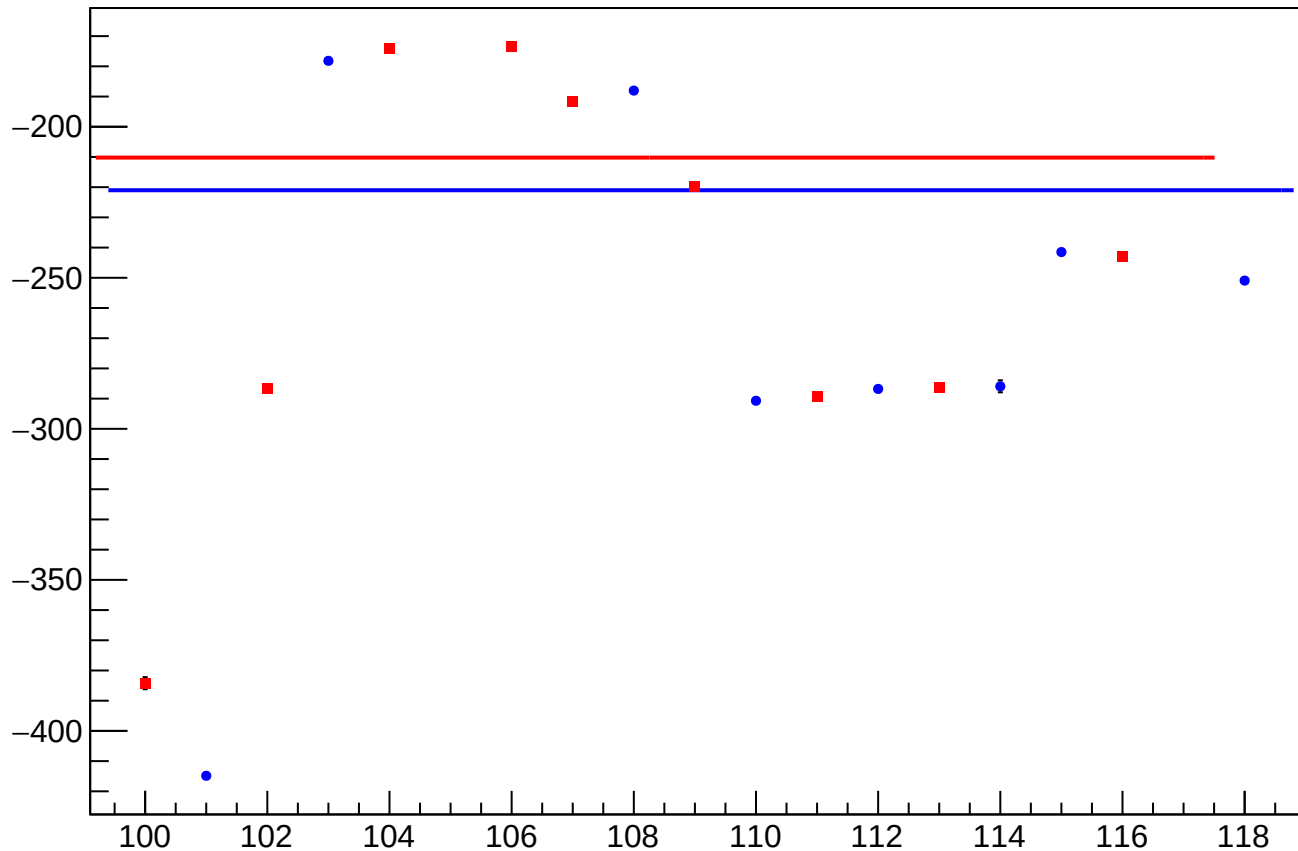
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.620 $\pm$ 3.259 χ^2 /NDF: 280.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



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: -210.212+/-0.196 χ^2/NDF : 64003.2/8

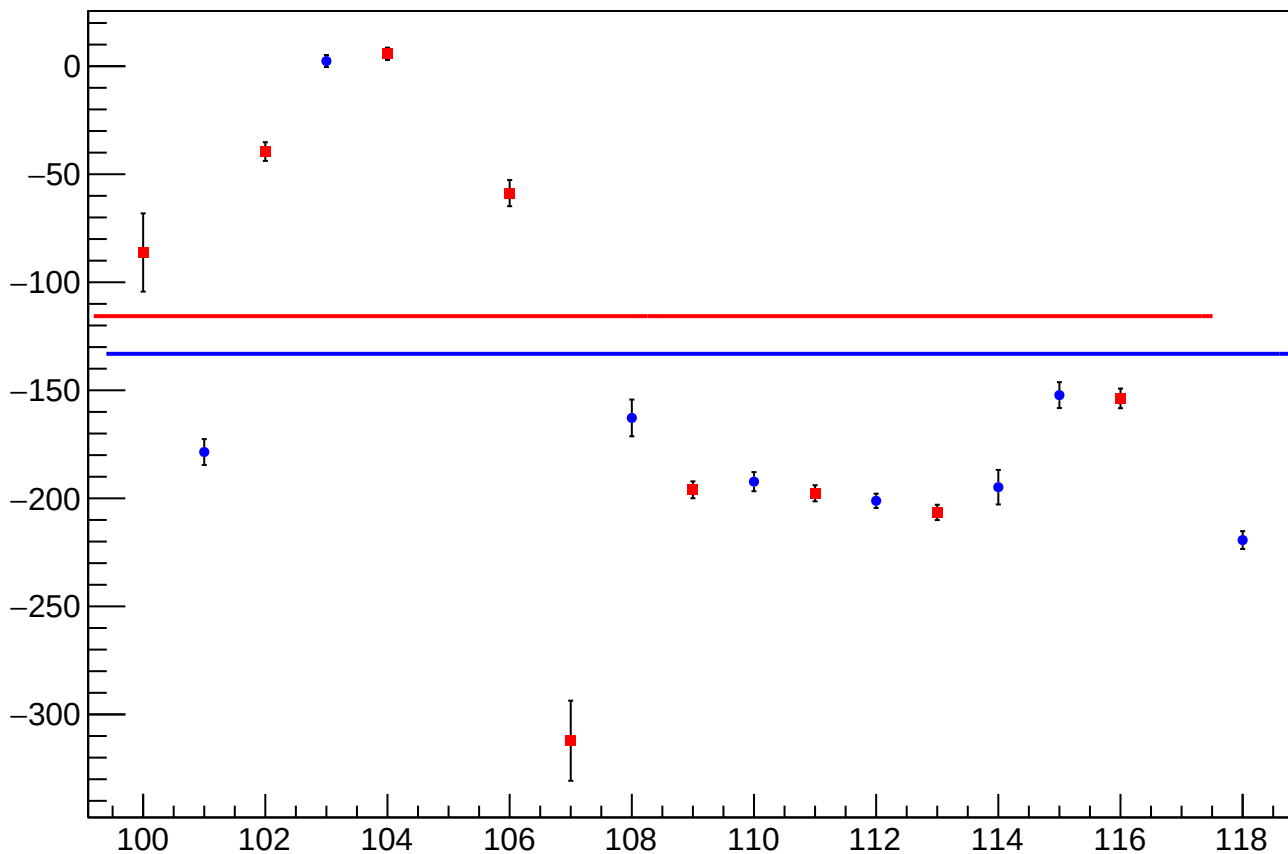
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.197+/-0.144 χ^2/NDF : 187731.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



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: -115.676+/-1.449 χ^2/NDF : 3973.4/8

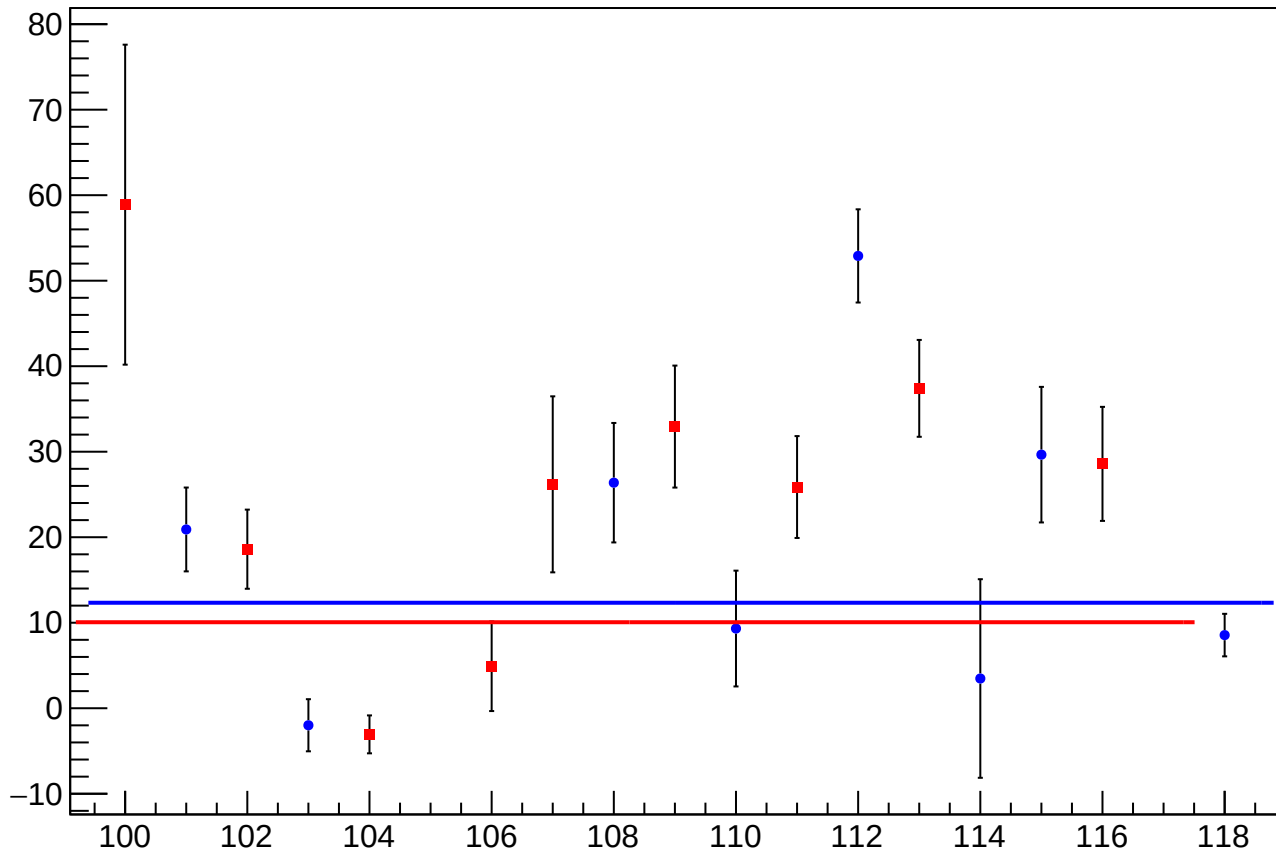
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -123.817+/-1.058 χ^2/NDF : 7599.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 12.337 $\pm$ 1.561 χ^2 /NDF: 92.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.059 $\pm$ 1.581 χ^2 /NDF: 97.0/8

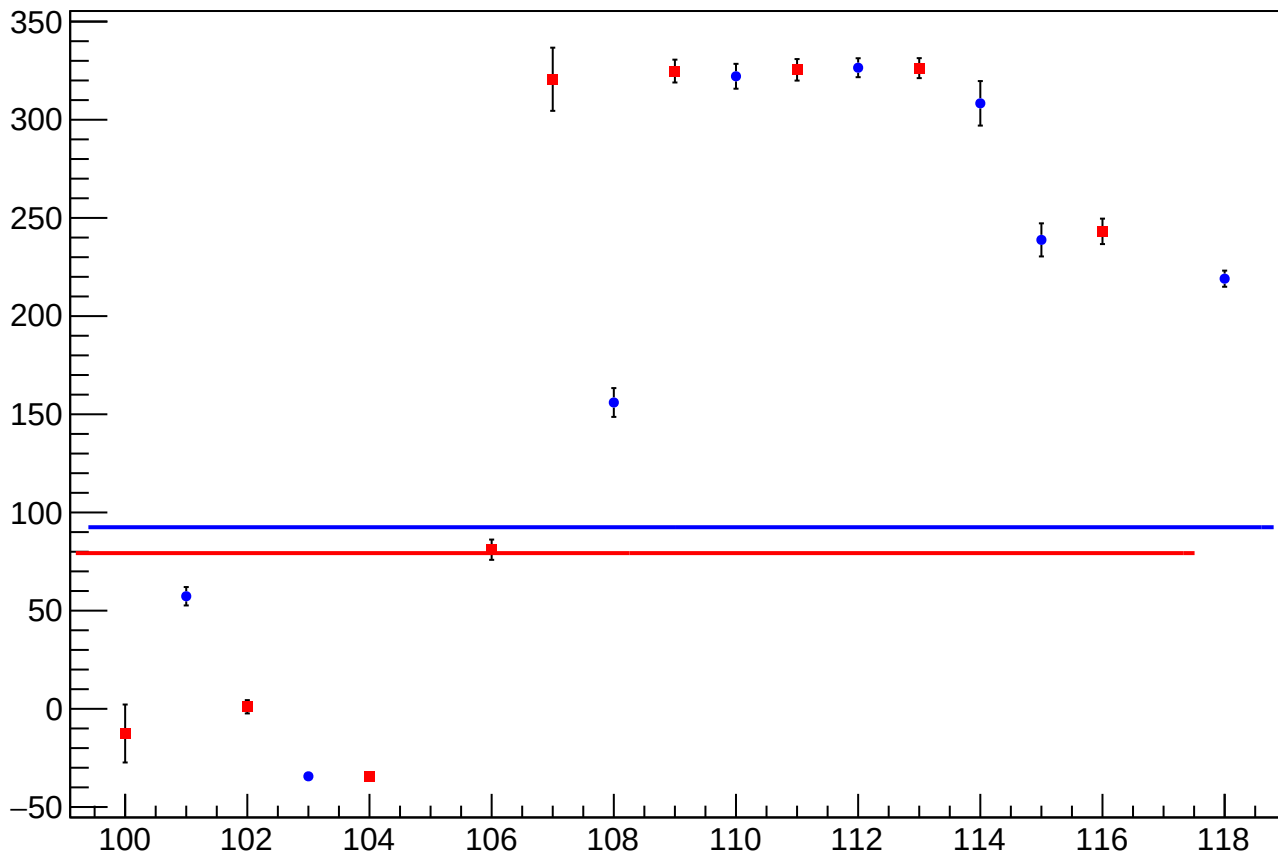
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.212 $\pm$ 1.111 χ^2 /NDF: 190.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



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: 79.299+/-1.478 χ^2/NDF : 10169.7/8

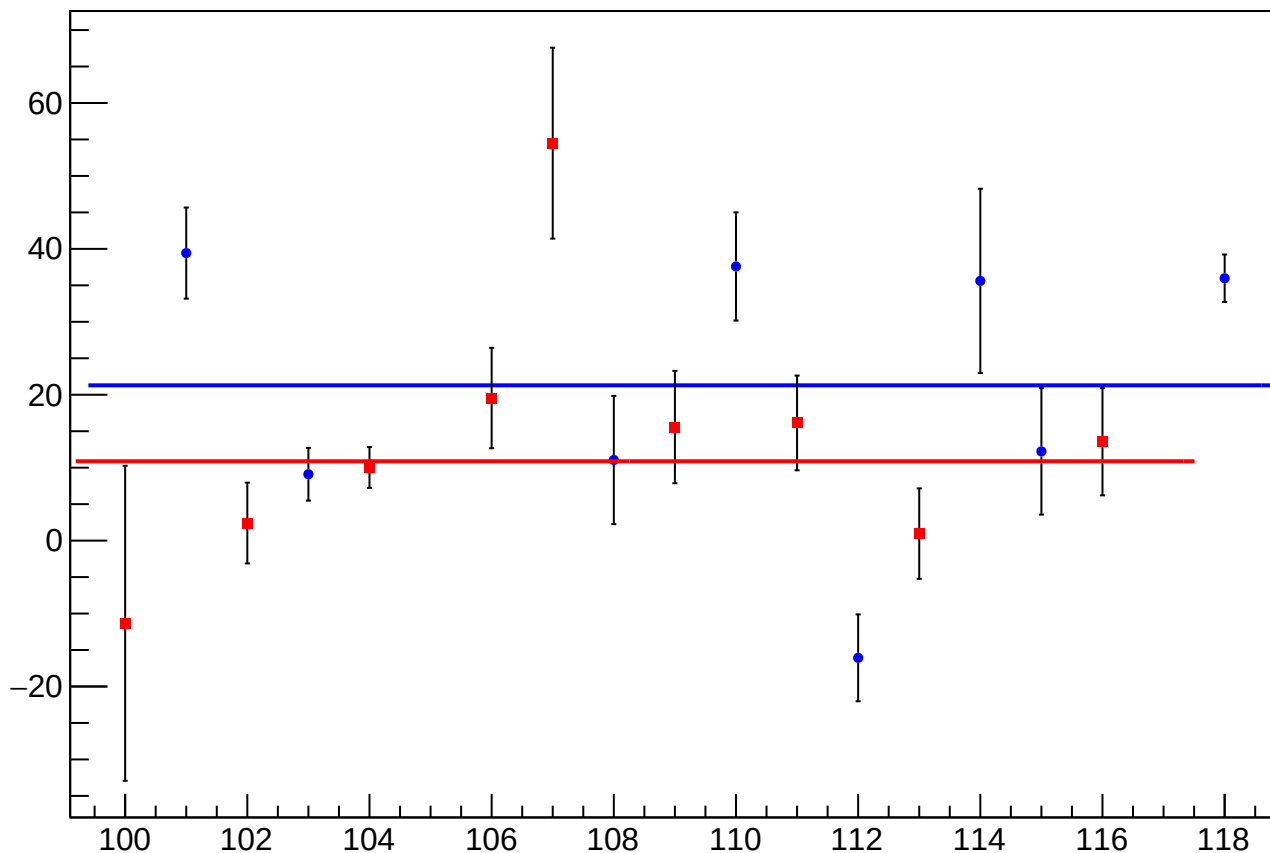
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.630+/-1.066 χ^2/NDF : 18994.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



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: 10.882 $\pm$ 1.908 χ^2 /NDF: 19.9/8

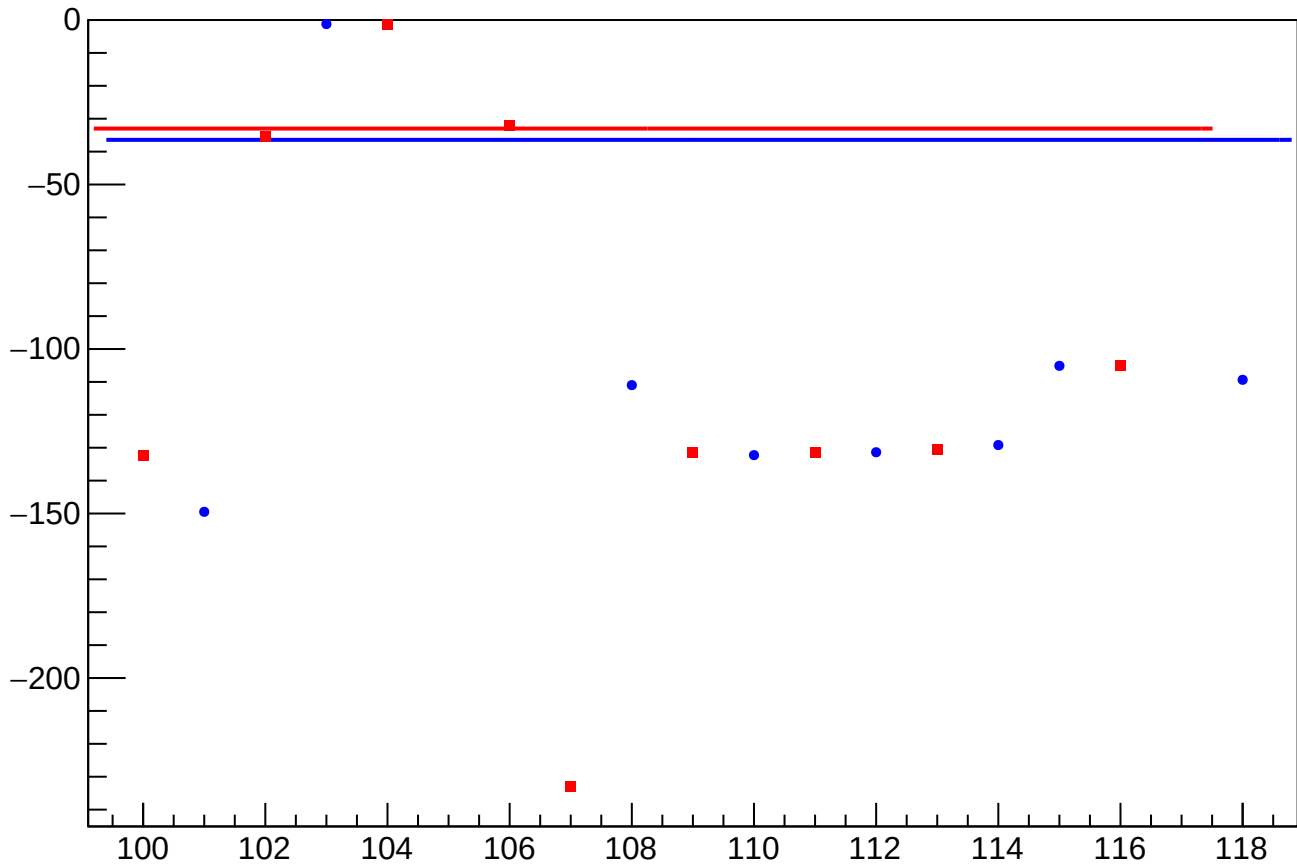
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.093 $\pm$ 1.348 χ^2 /NDF: 122.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



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: -32.993+/-0.073 χ^2/NDF : 395215.7/8

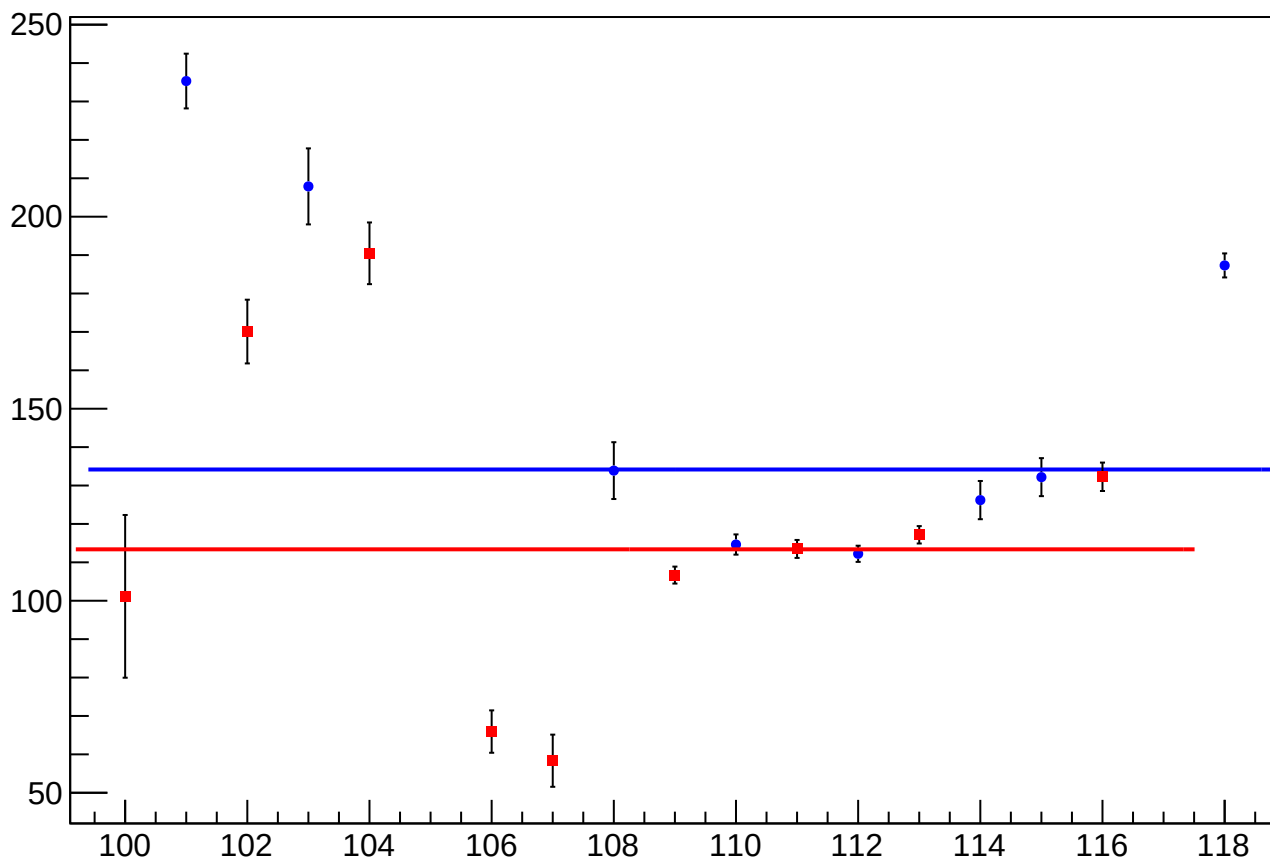
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.617+/-0.053 χ^2/NDF : 942606.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 134.175 $\pm$ 1.290 χ^2/NDF : 711.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 113.387 $\pm$ 1.160 χ^2/NDF : 316.8/8

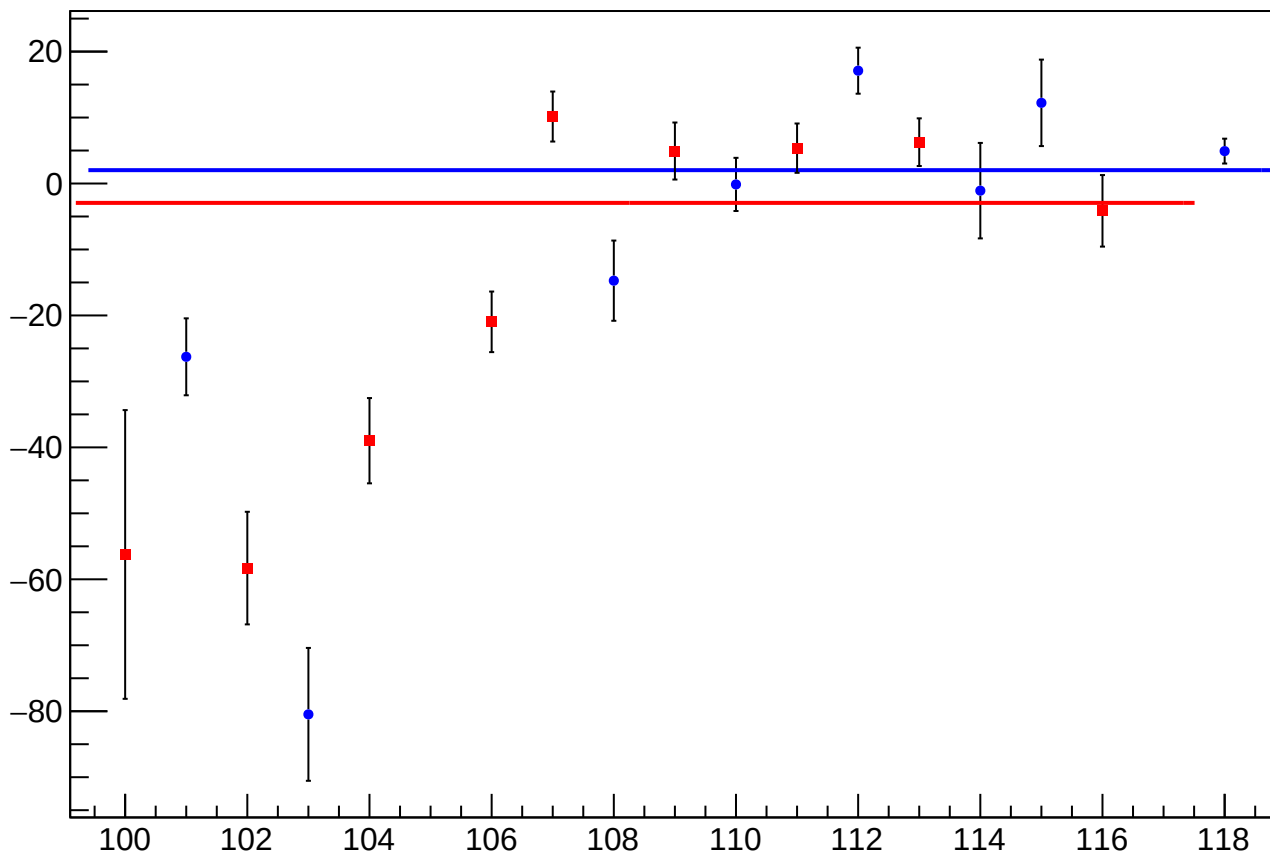
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 122.684 $\pm$ 0.863 χ^2/NDF : 1172.0/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



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: -2.937+/-1.596 χ^2/NDF : 121.2/8

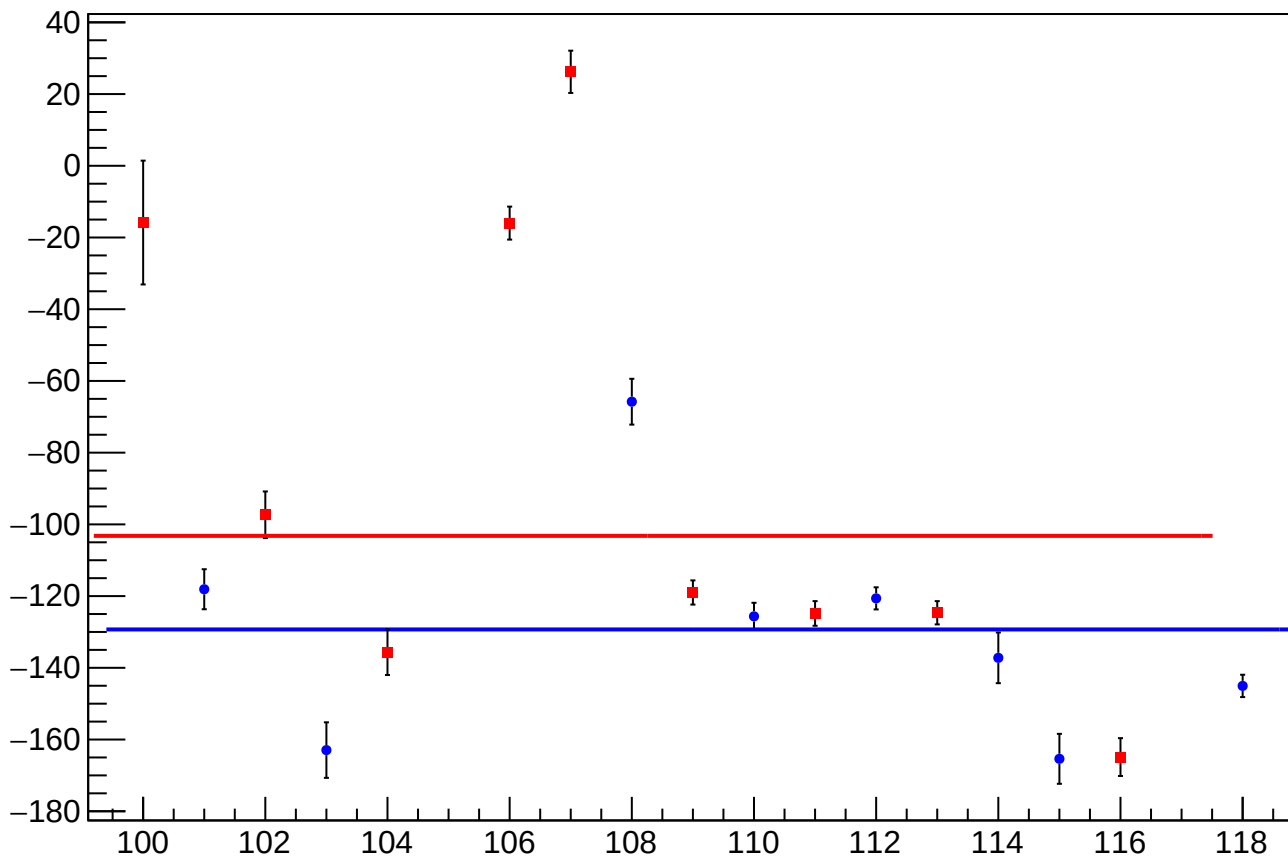
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.077+/-1.039 χ^2/NDF : 249.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



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: -103.200 ± 1.523 χ^2/NDF : 1136.3/8

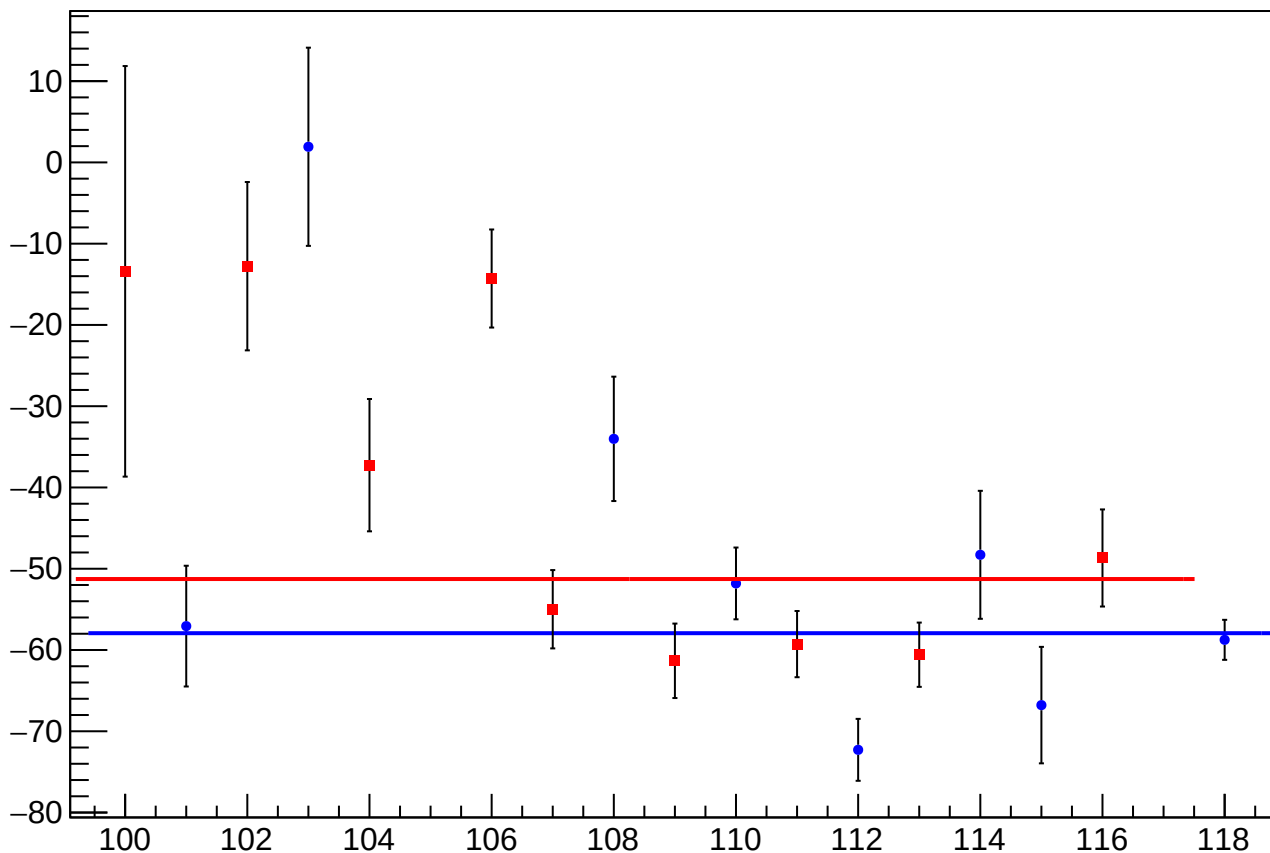
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -115.631 ± 1.102 χ^2/NDF : 1460.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -57.931 $\pm$ 1.661 χ^2 /NDF: 53.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.267 $\pm$ 1.837 χ^2 /NDF: 71.6/8

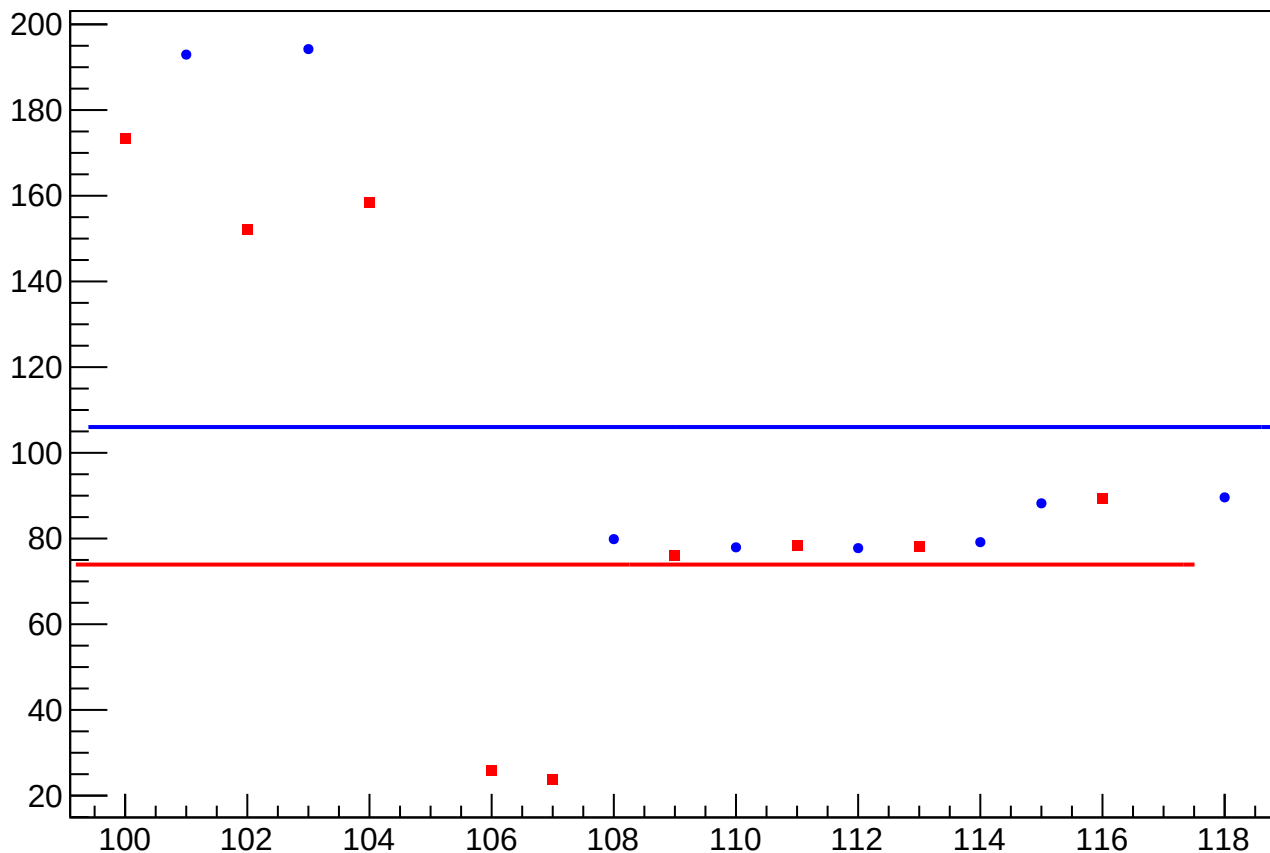
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.934 $\pm$ 1.232 χ^2 /NDF: 132.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 106.020 $\pm$ 0.109 χ^2 /NDF: 178828.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.925 $\pm$ 0.091 χ^2 /NDF: 274358.2/8

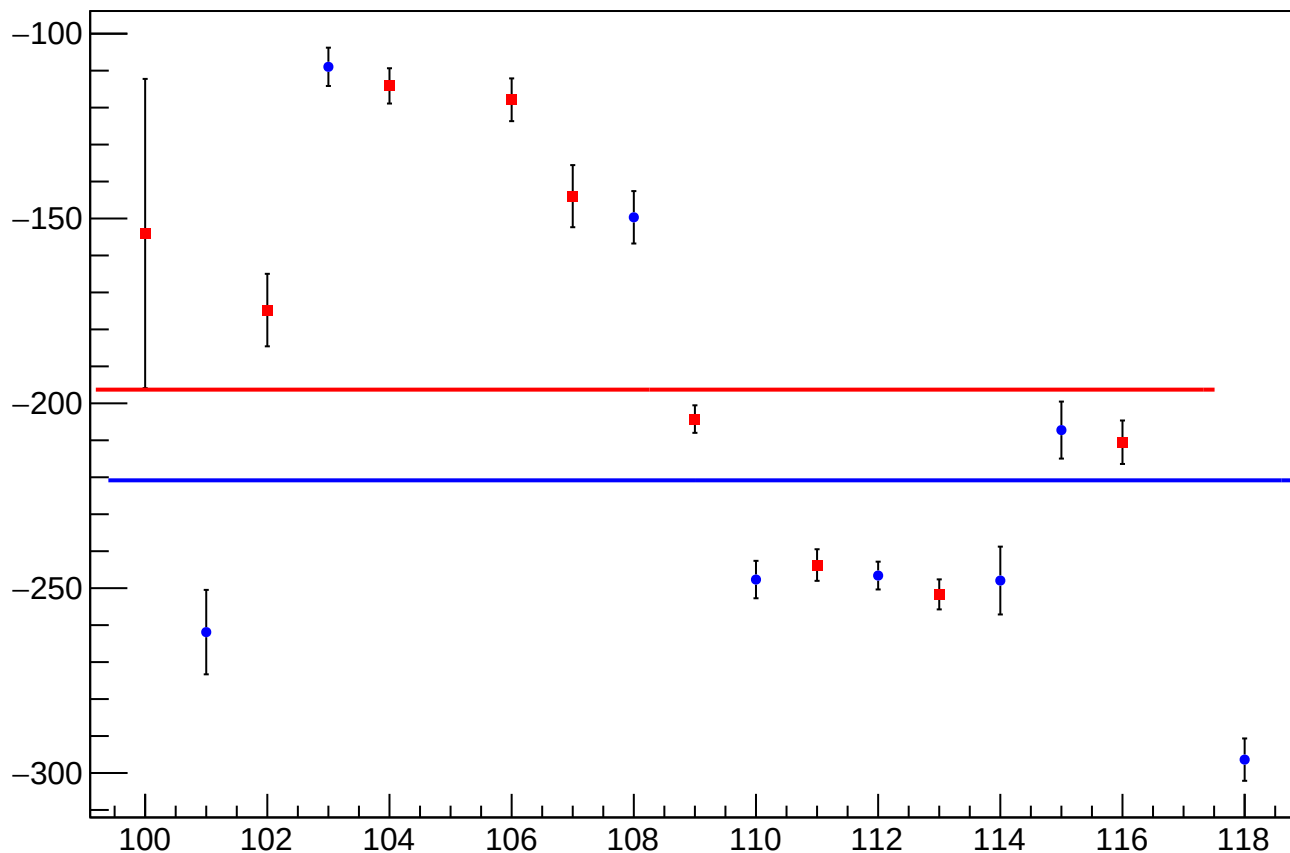
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.059 $\pm$ 0.070 χ^2 /NDF: 504310.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



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: -196.295+/-1.781 χ^2/NDF : 844.5/8

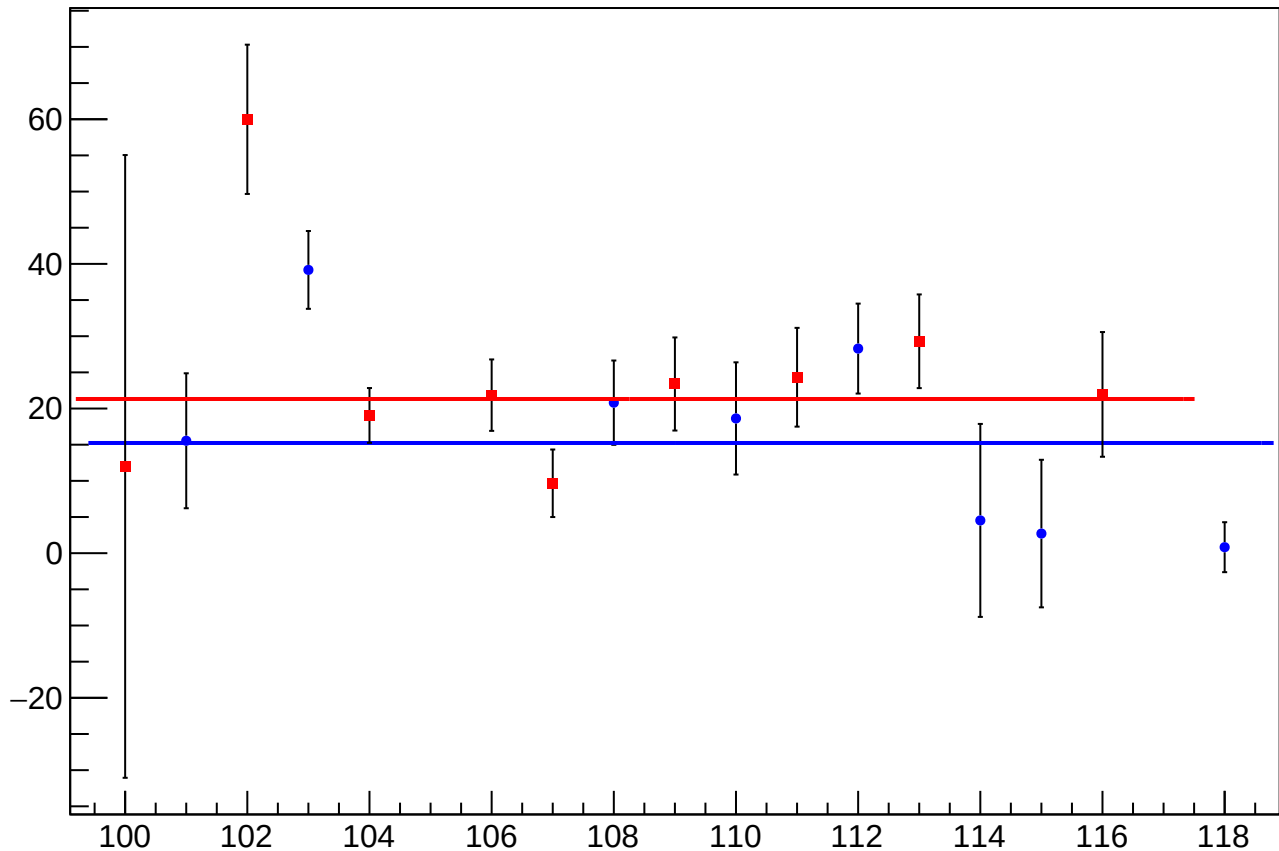
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.741+/-1.350 χ^2/NDF : 1765.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



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: 21.320+/-2.002 χ^2/NDF : 22.5/8

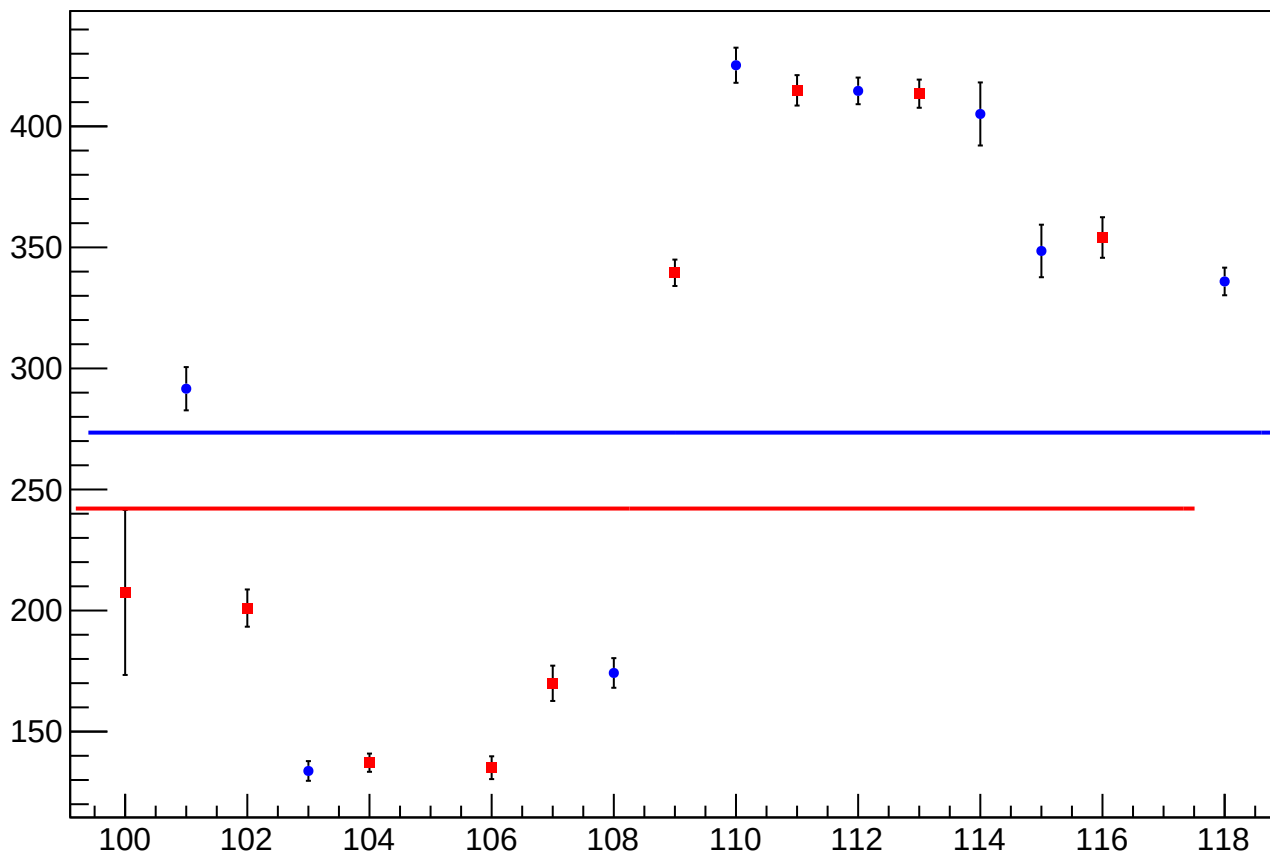
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.489+/-1.464 χ^2/NDF : 71.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 273.495 $\pm$ 2.254 χ^2 /NDF: 2813.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 242.128 $\pm$ 1.980 χ^2 /NDF: 3543.0/8

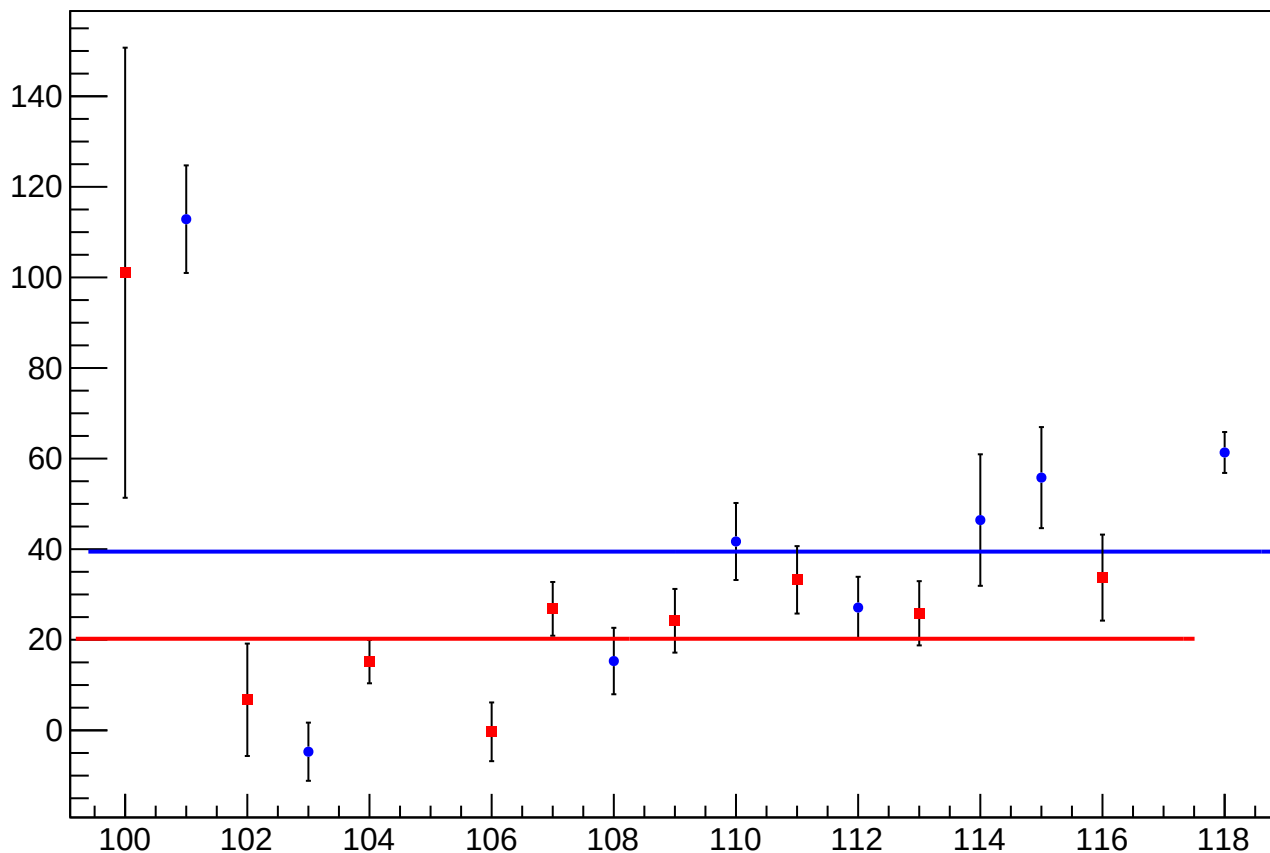
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.793 $\pm$ 1.488 χ^2 /NDF: 6465.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 39.461 $\pm$ 2.606 χ^2 /NDF: 125.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.219 $\pm$ 2.411 χ^2 /NDF: 22.2/8

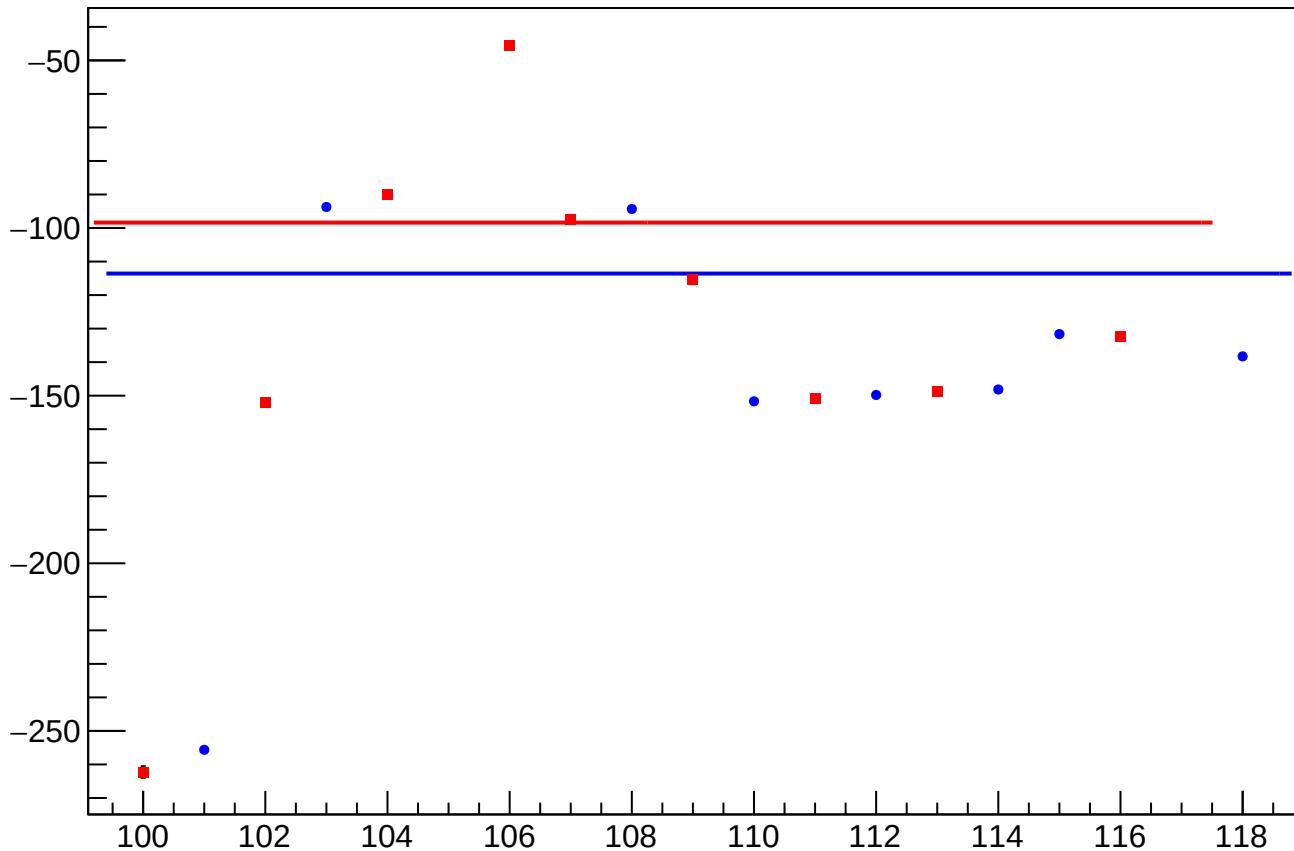
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.093 $\pm$ 1.770 χ^2 /NDF: 177.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



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: -98.376+/-0.106 χ^2/NDF : 118036.2/8

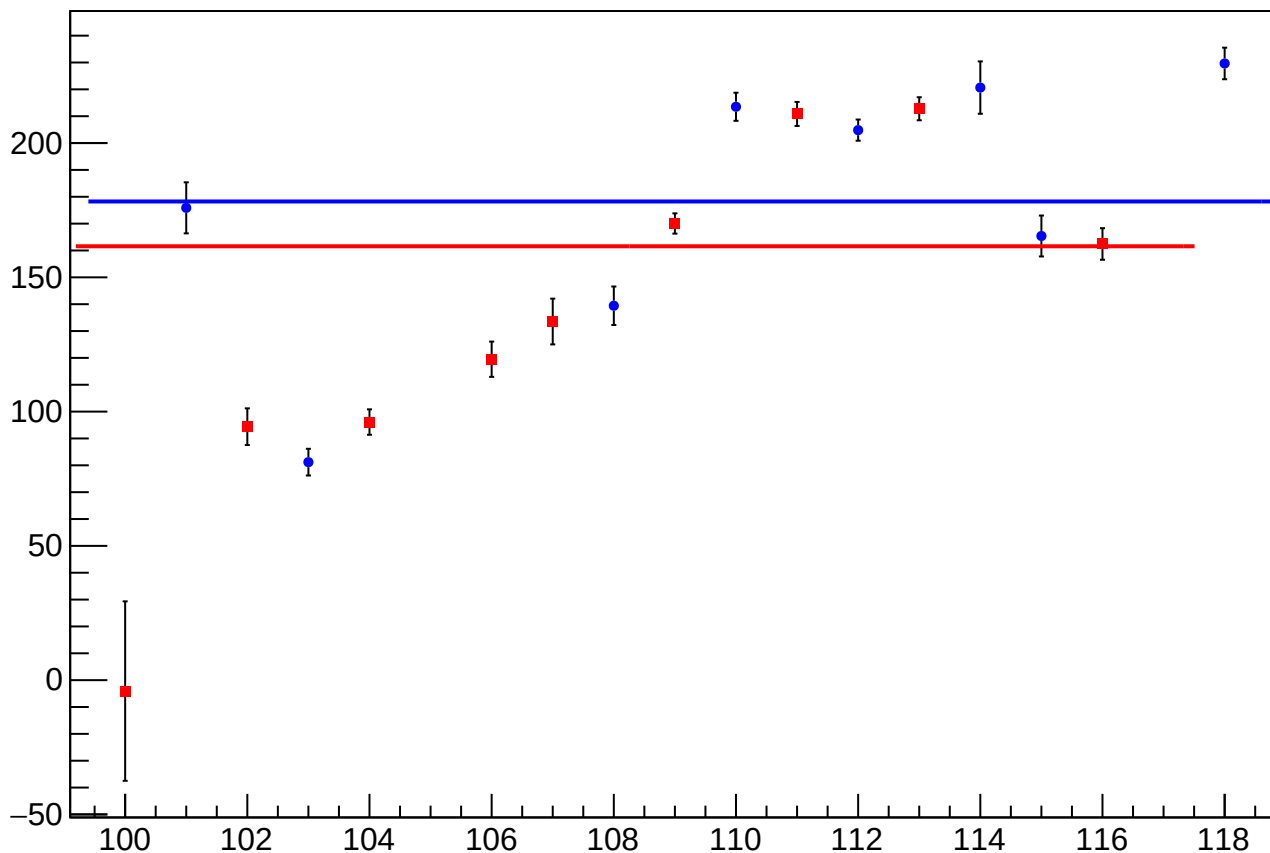
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.056+/-0.079 χ^2/NDF : 233955.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 178.251 $\pm$ 2.092 χ^2 /NDF: 599.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.569 $\pm$ 1.804 χ^2 /NDF: 633.4/8

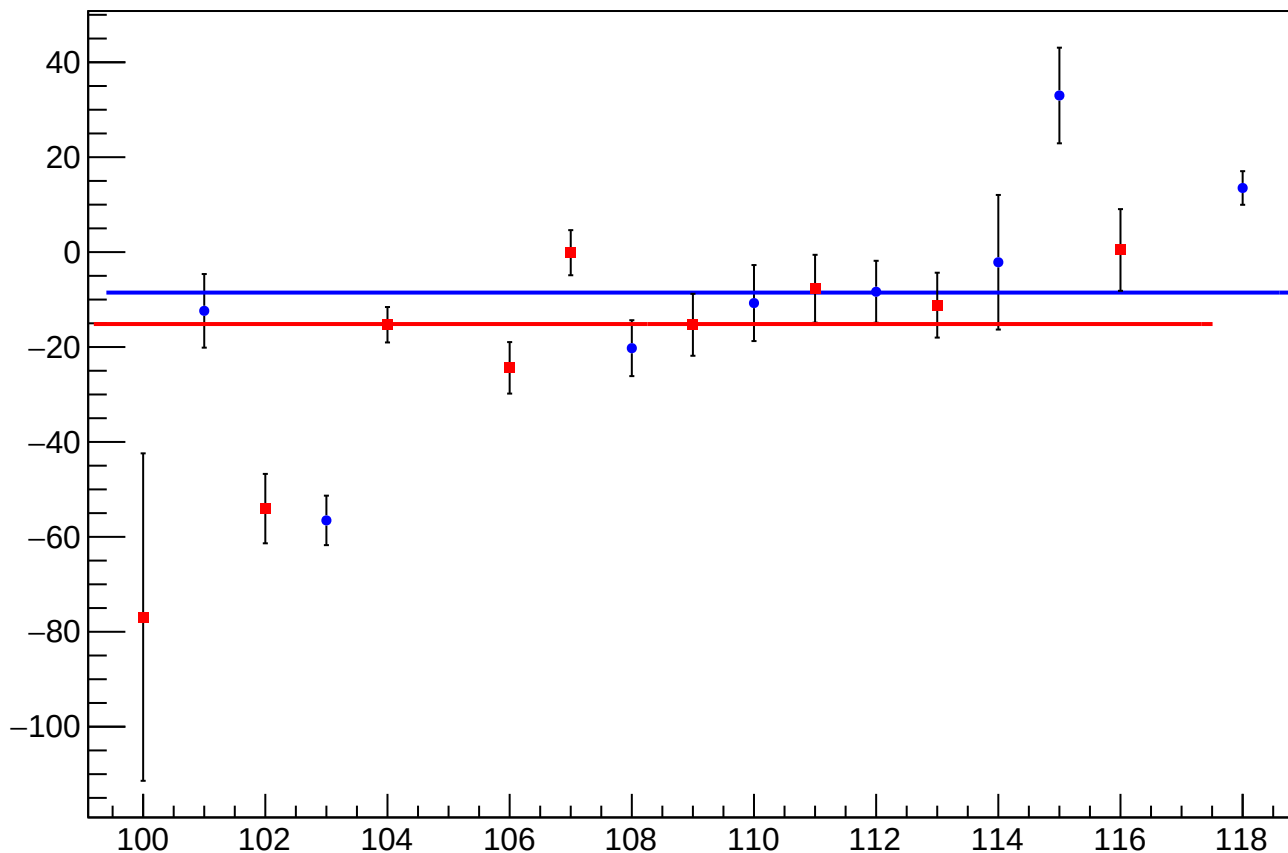
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 168.682 $\pm$ 1.366 χ^2 /NDF: 1269.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



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: -15.156 ± 2.010 χ^2/NDF : 49.1/8

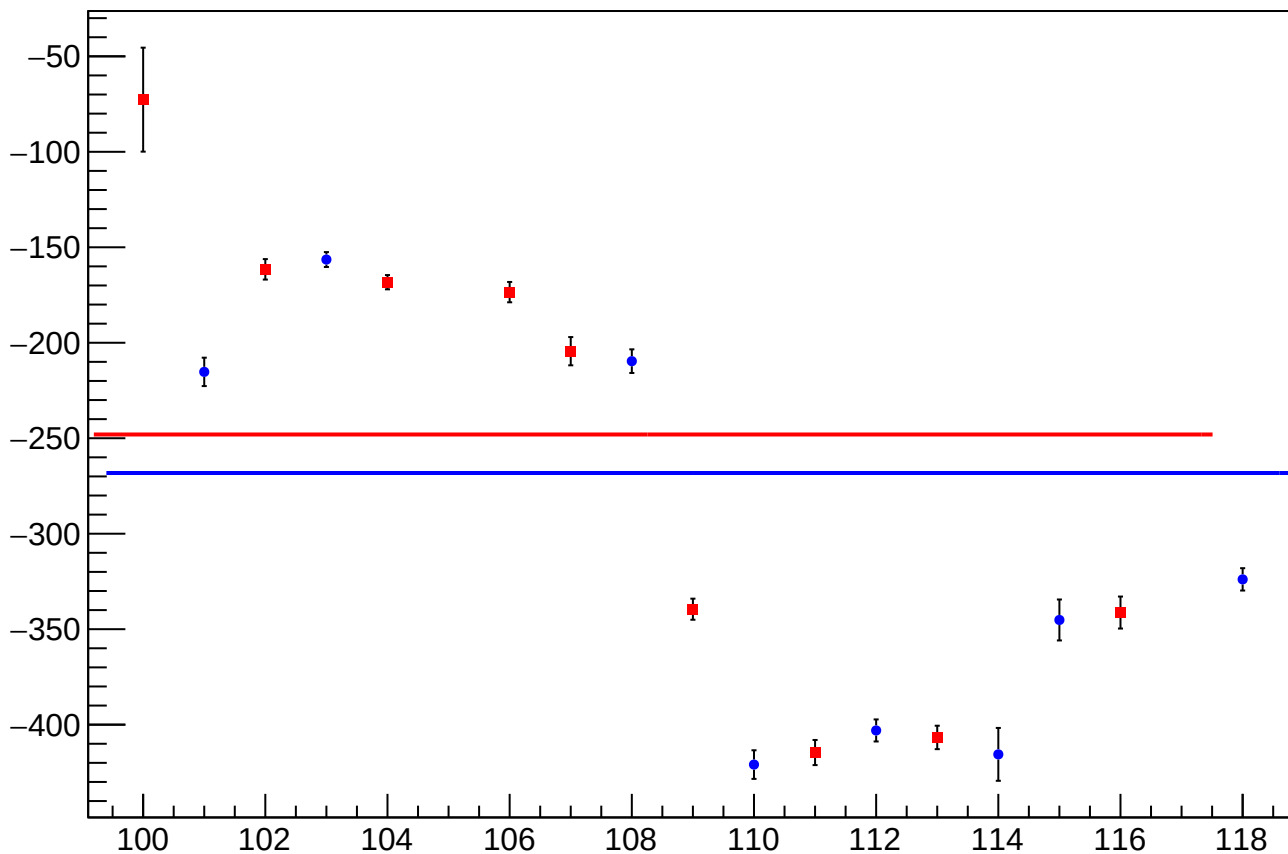
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.068 ± 1.469 χ^2/NDF : 199.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -268.204 $\pm$ 2.232 χ^2 /NDF: 2176.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -248.038 $\pm$ 1.968 χ^2 /NDF: 2696.9/8

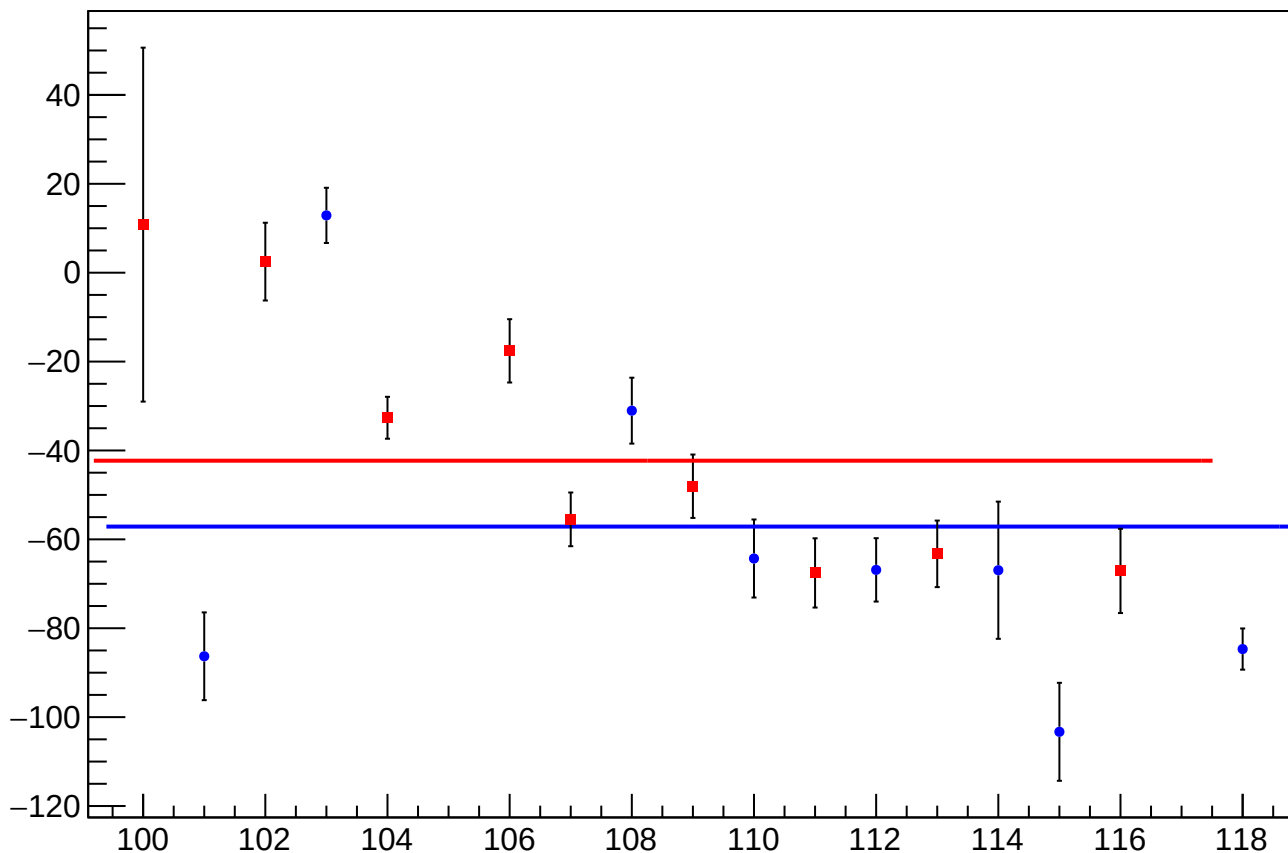
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -256.860 $\pm$ 1.476 χ^2 /NDF: 4918.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



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: -42.302 ± 2.419 χ^2/NDF : 74.8/8

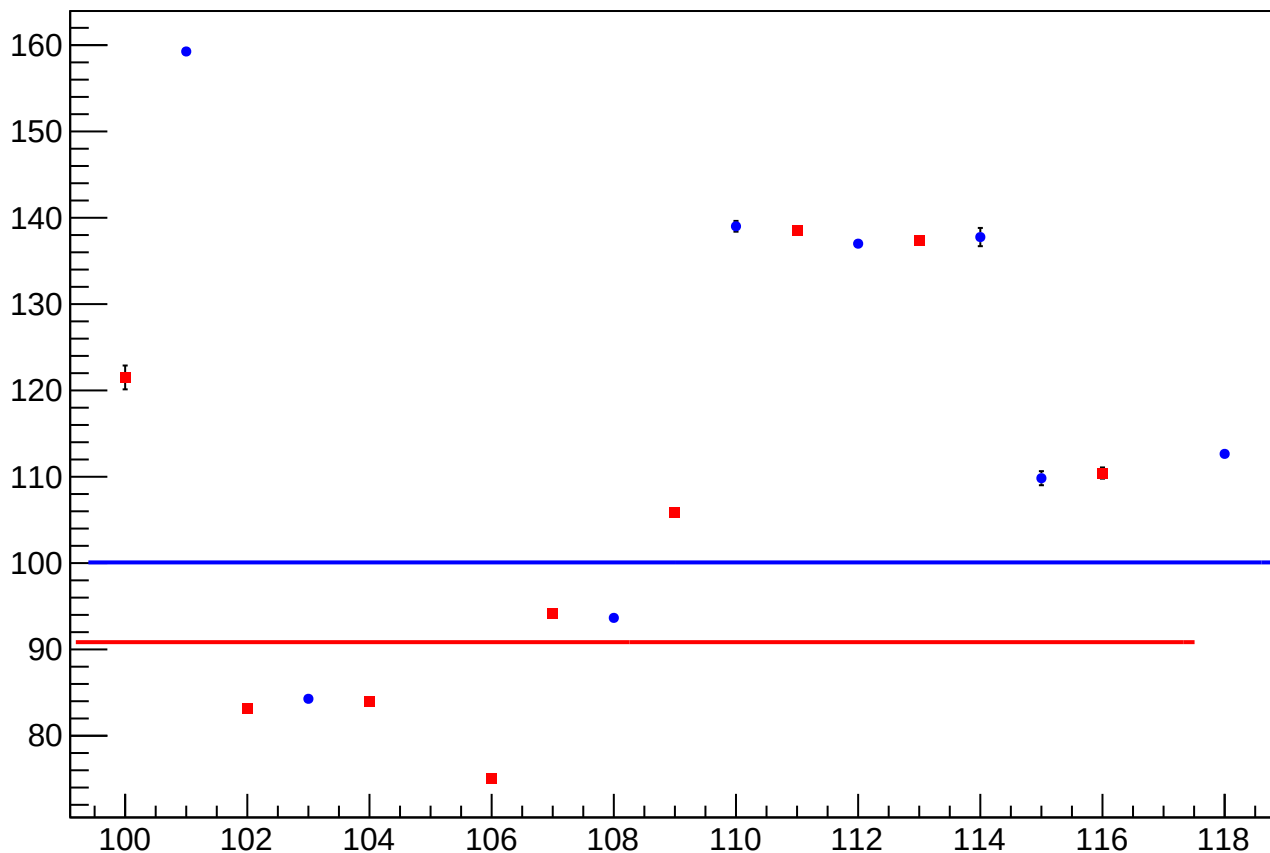
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.132 ± 1.776 χ^2/NDF : 296.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



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: 90.842+/-0.102 χ^2/NDF : 28017.3/8

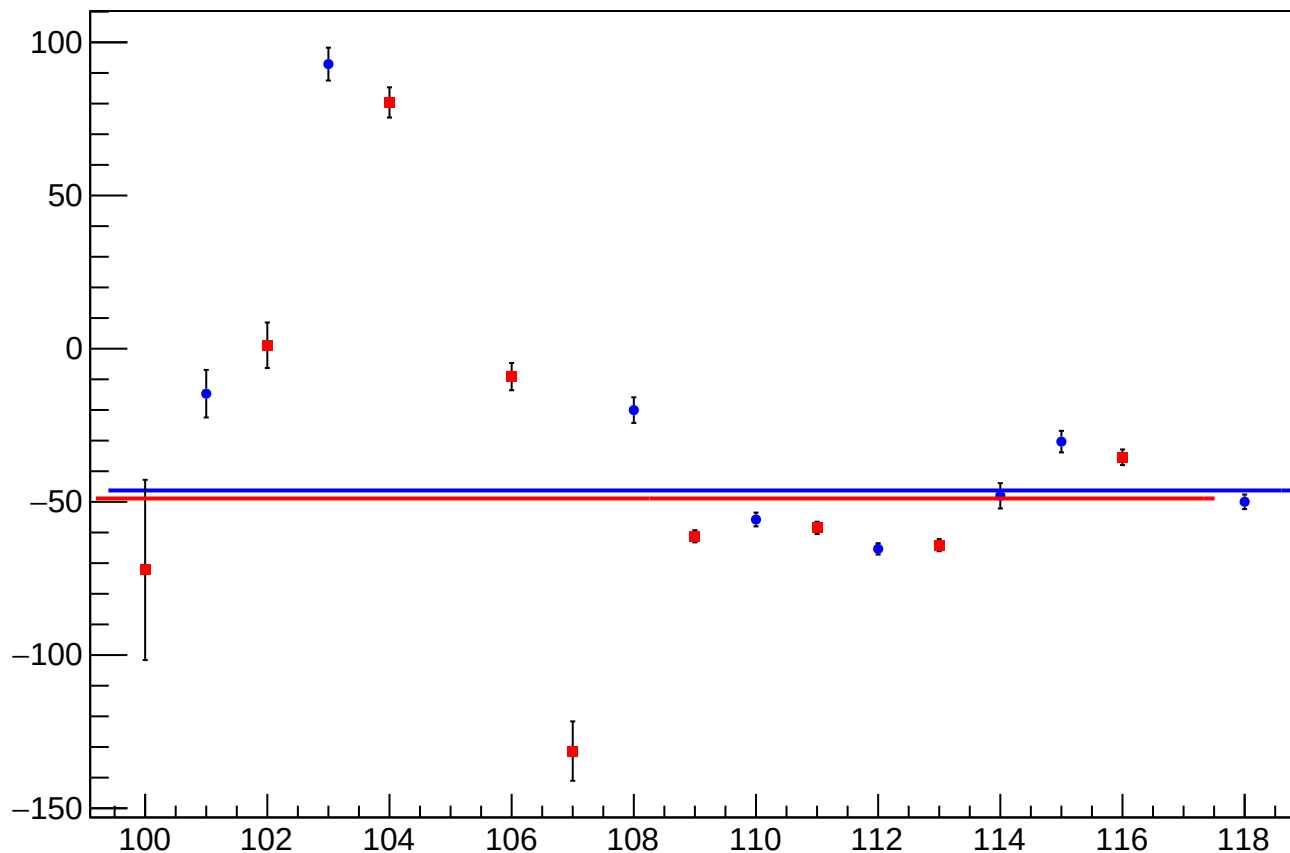
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.849+/-0.077 χ^2/NDF : 72347.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



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: -48.888 ± 0.984 χ^2/NDF : 1036.2/8

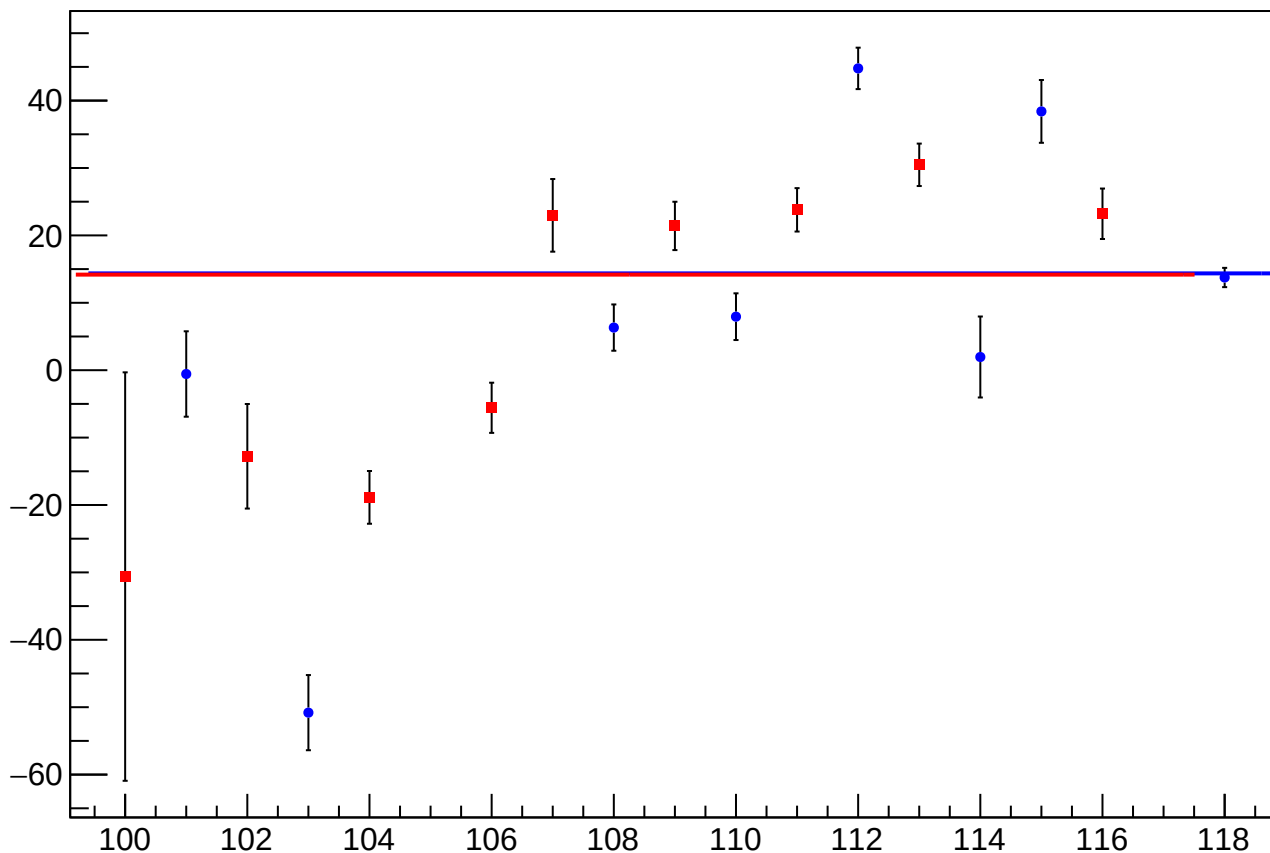
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.663 ± 0.717 χ^2/NDF : 1914.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



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: 14.181+/-1.366 χ^2/NDF : 162.0/8

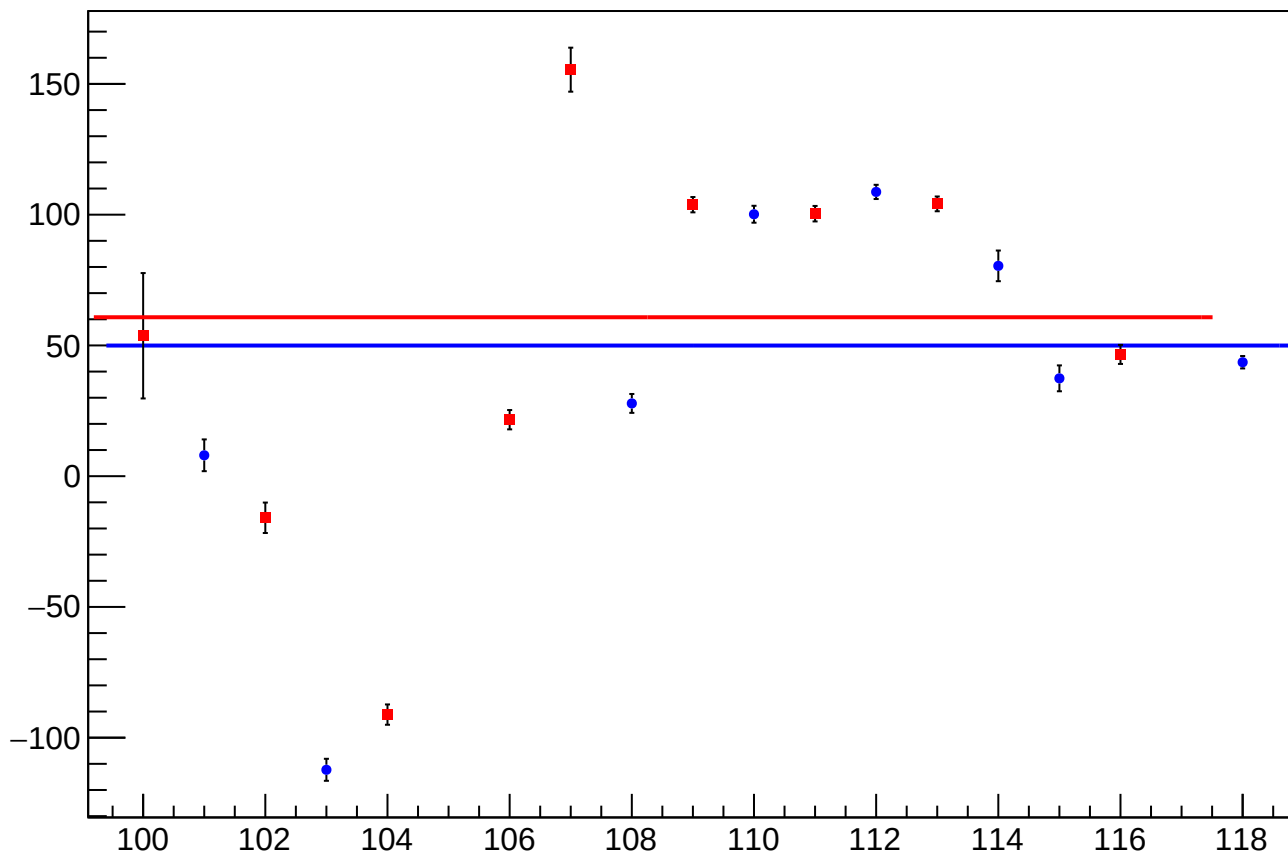
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.294+/-0.836 χ^2/NDF : 442.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



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: 60.776+/-1.274 χ^2/NDF : 2587.8/8

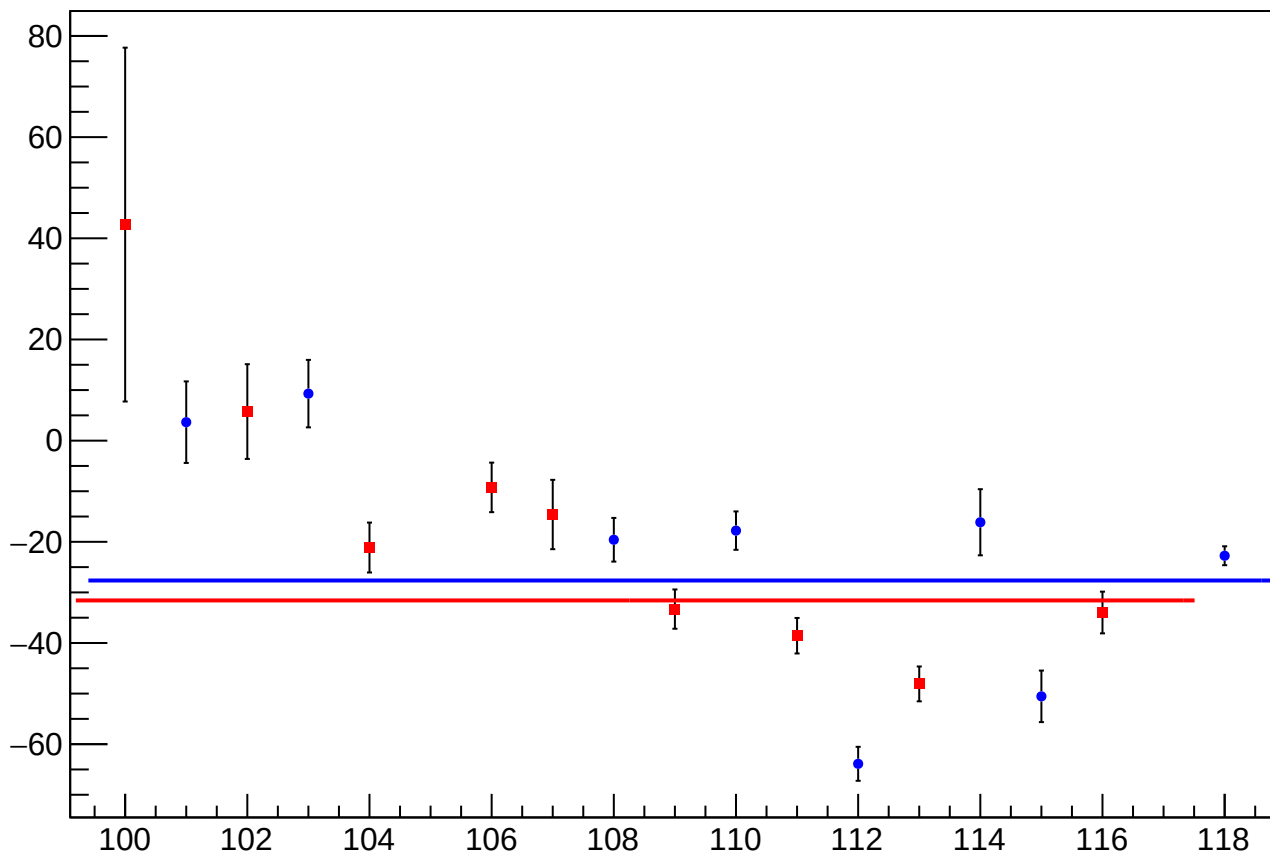
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.267+/-0.893 χ^2/NDF : 4945.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -27.644 ± 1.293 $\chi^2/\text{NDF}: 202.6/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.586 ± 1.568 $\chi^2/\text{NDF}: 79.3/8$

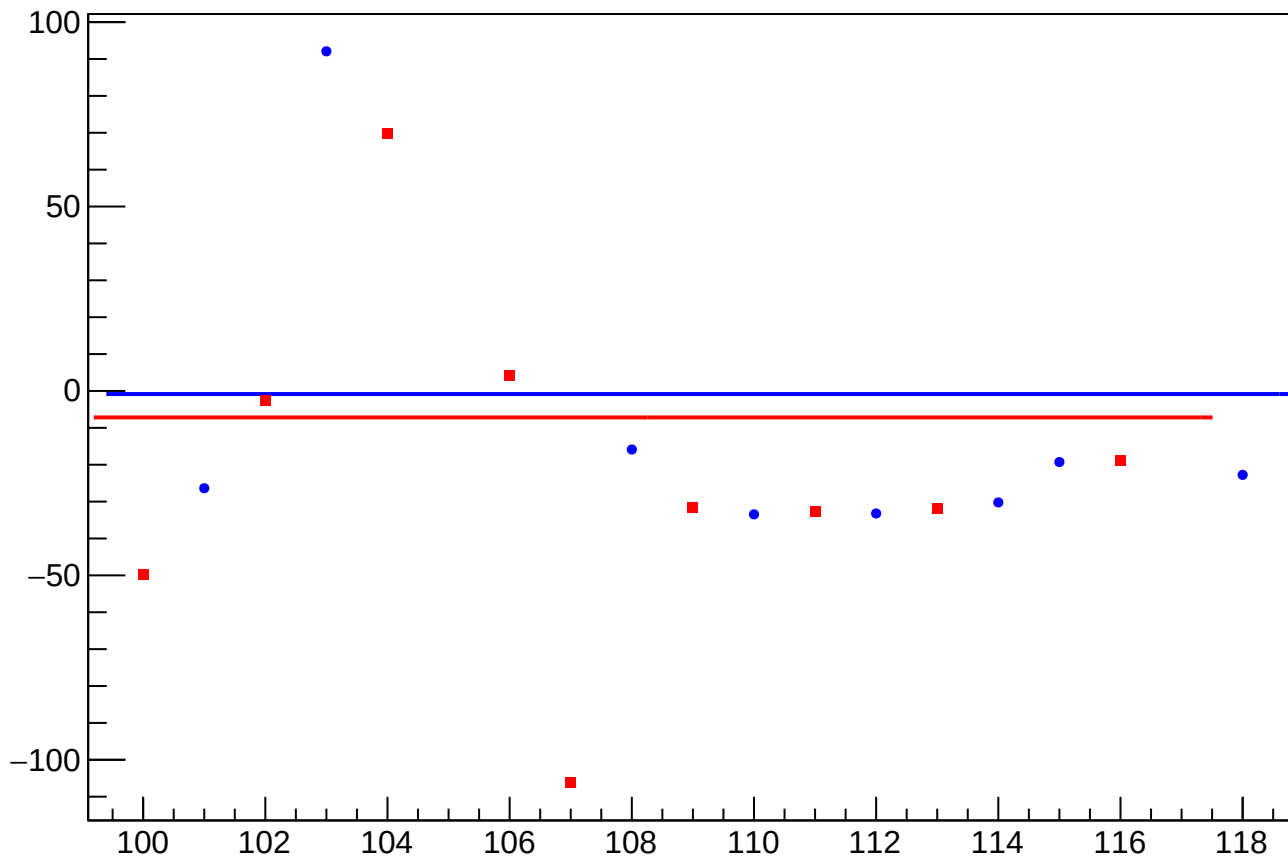
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.241 ± 0.998 $\chi^2/\text{NDF}: 285.7/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



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: -7.176 ± 0.078 χ^2/NDF : 300020.3/8

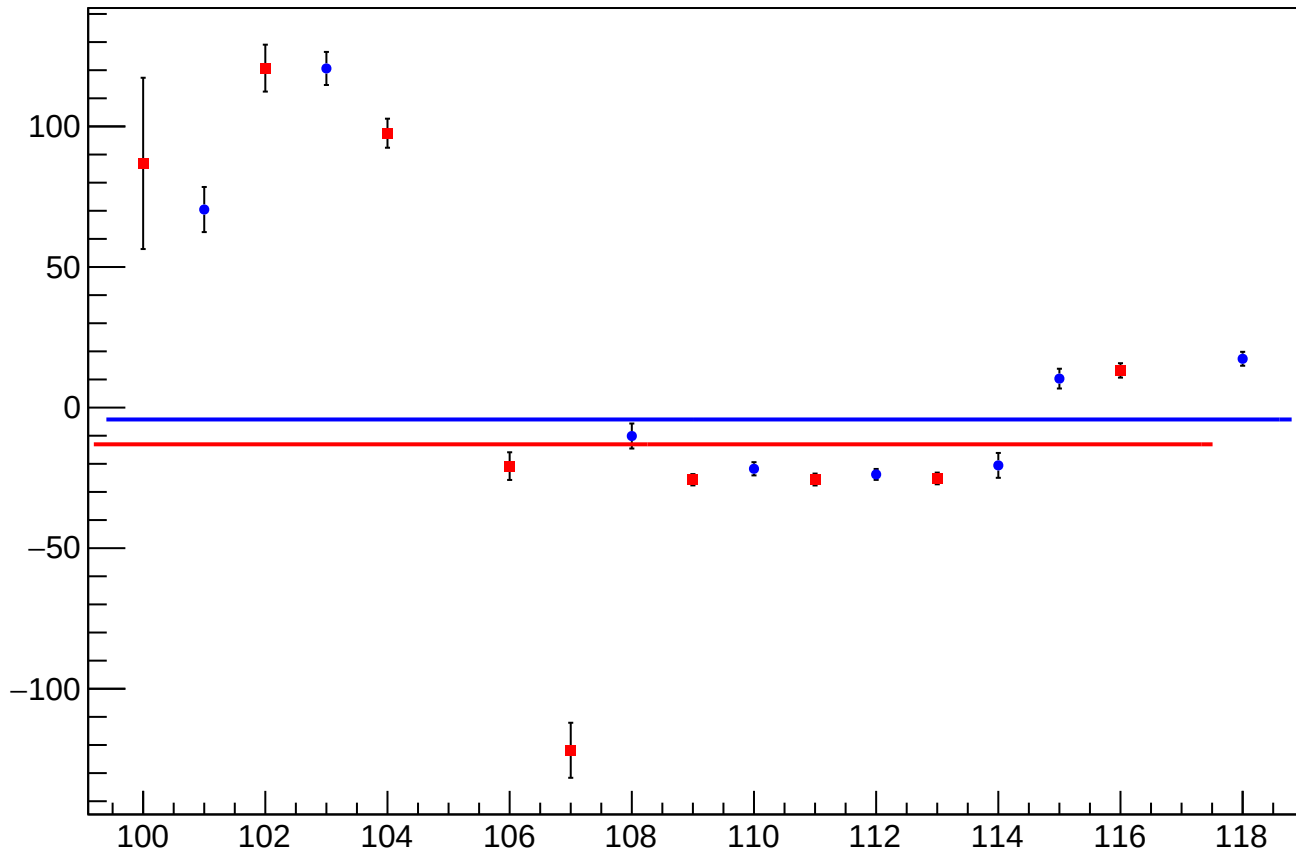
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.014 ± 0.055 χ^2/NDF : 654582.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: -4.227 ± 1.094 χ^2/NDF : 802.2/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.061 ± 1.021 χ^2/NDF : 1066.4/8

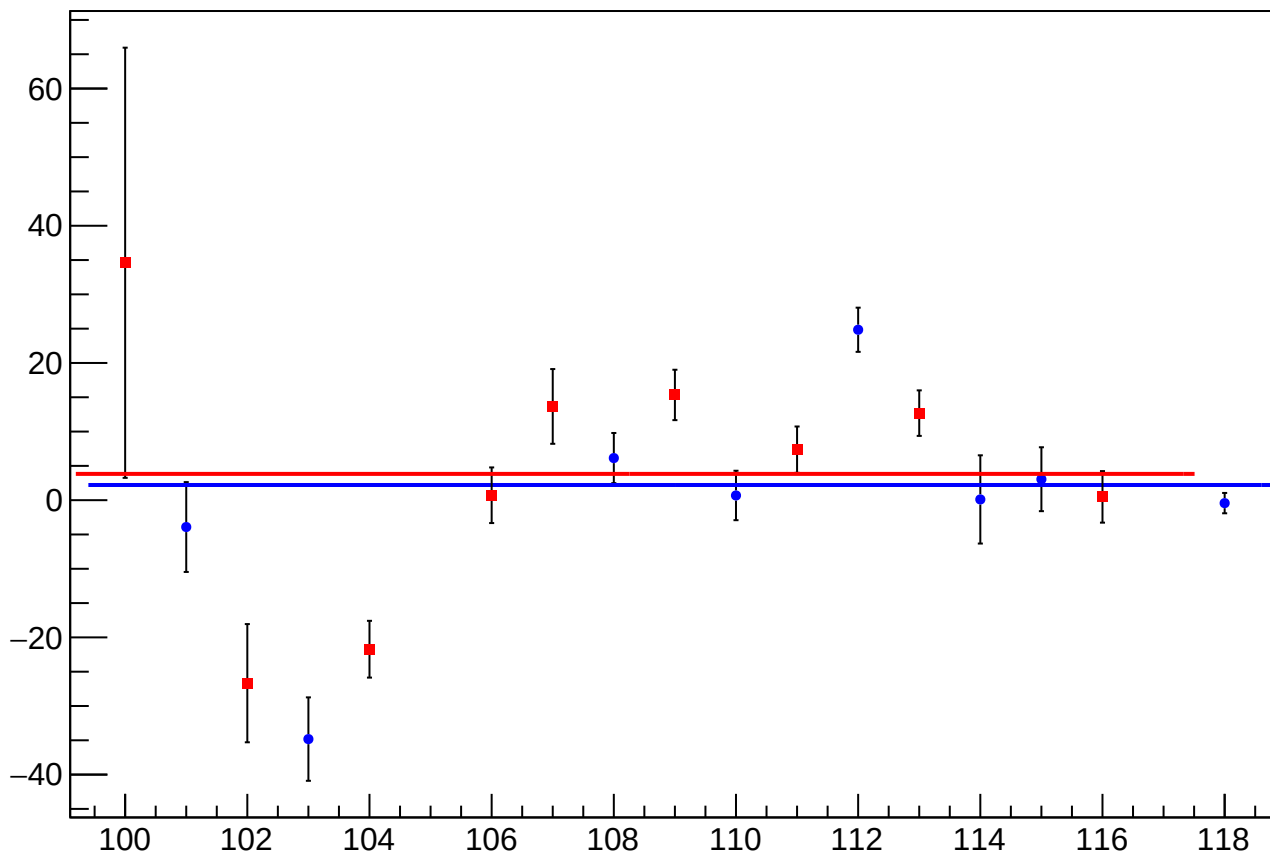
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.948 ± 0.746 χ^2/NDF : 1903.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: 2.213 $\pm$ 1.102 χ^2 /NDF: 92.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.831 $\pm$ 1.427 χ^2 /NDF: 74.3/8

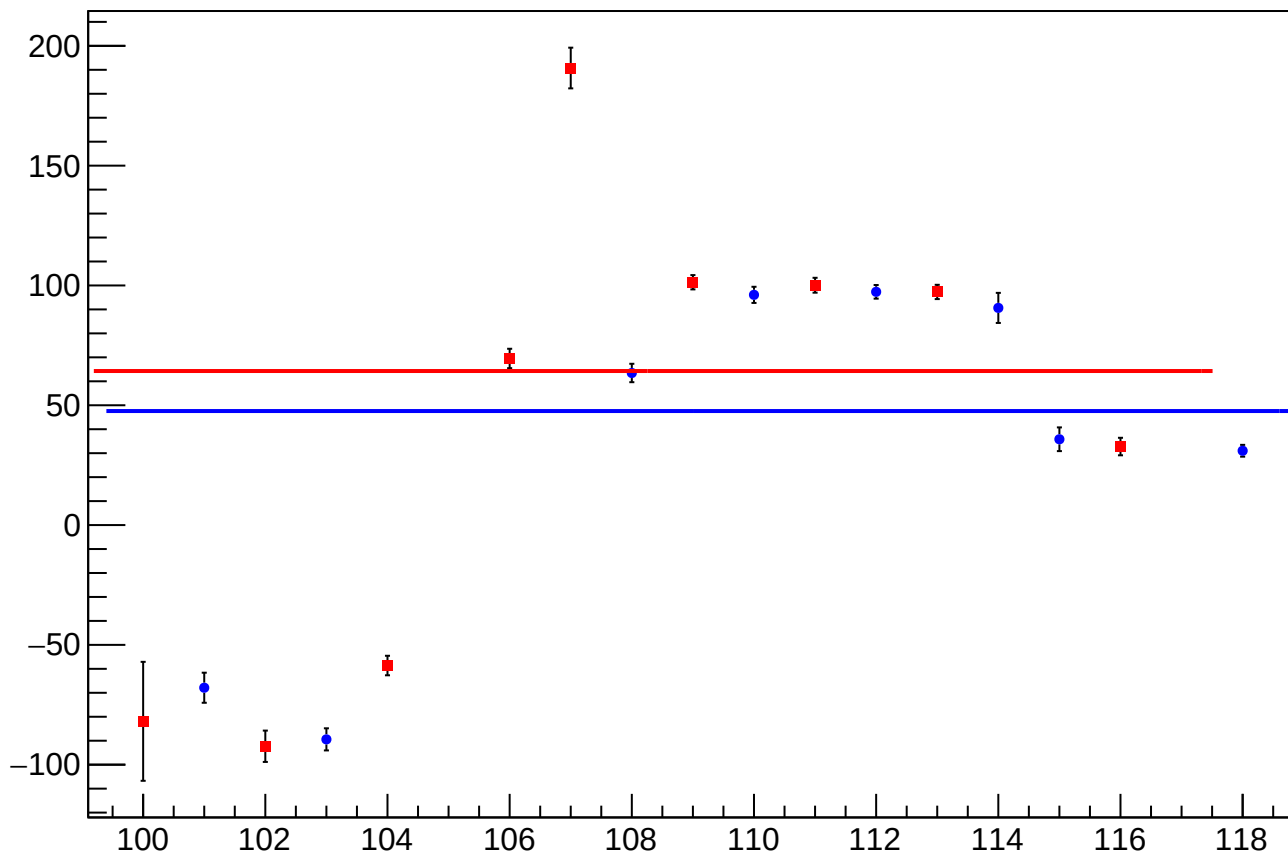
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.817 $\pm$ 0.872 χ^2 /NDF: 167.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



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: 64.290+/-1.332 χ^2/NDF : 2224.6/8

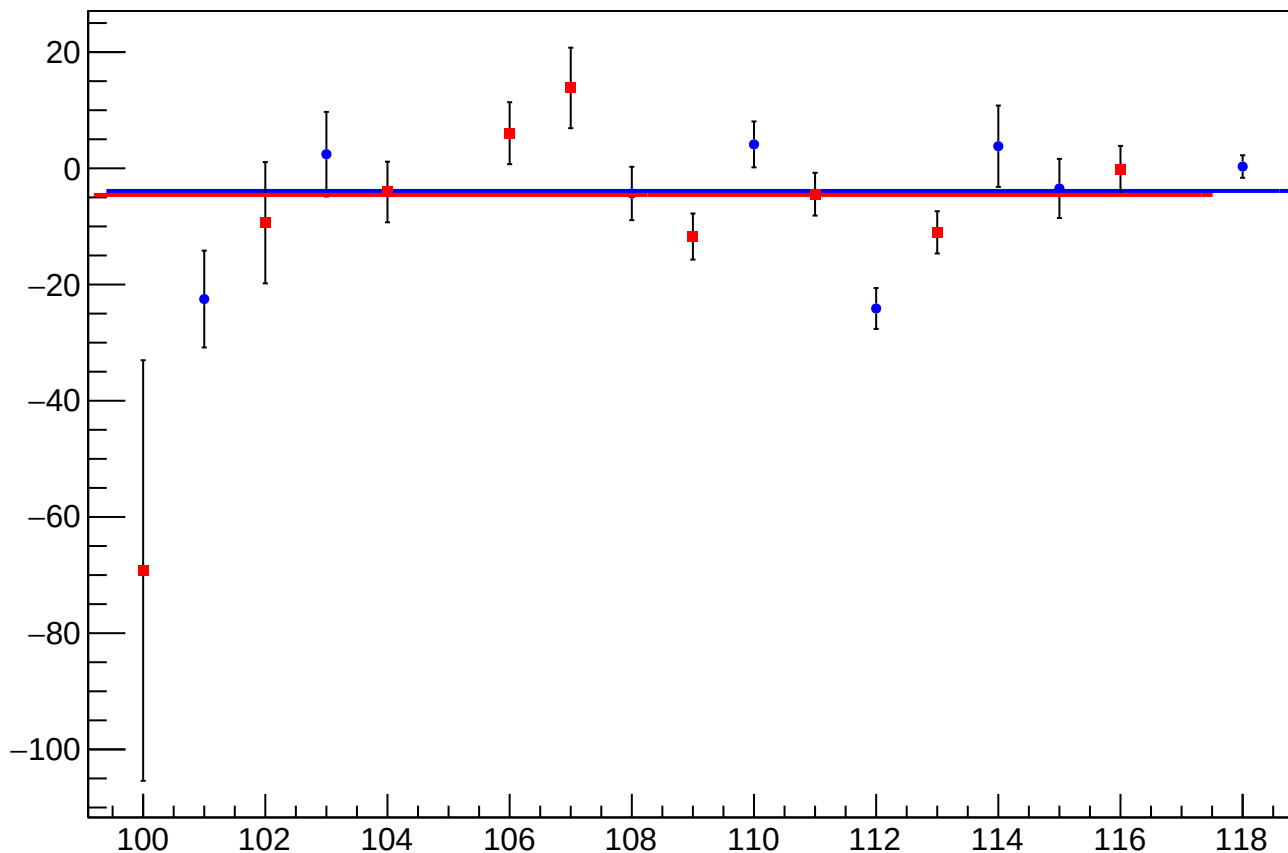
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.798+/-0.934 χ^2/NDF : 4152.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



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: -4.578+/-1.634 χ^2/NDF : 21.9/8

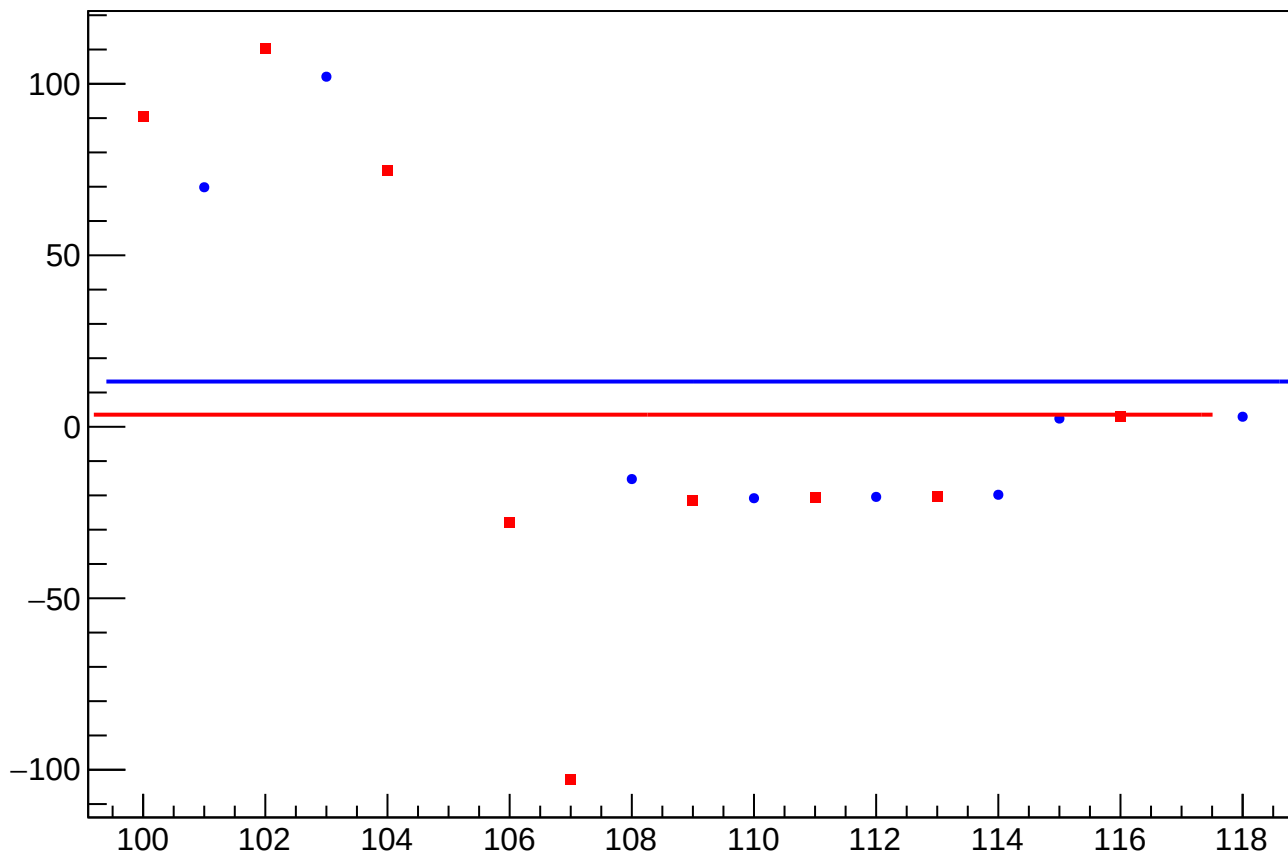
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.170+/-1.040 χ^2/NDF : 70.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 13.197 $\pm$ 0.083 χ^2 /NDF: 312349.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.533 $\pm$ 0.083 χ^2 /NDF: 434078.5/8

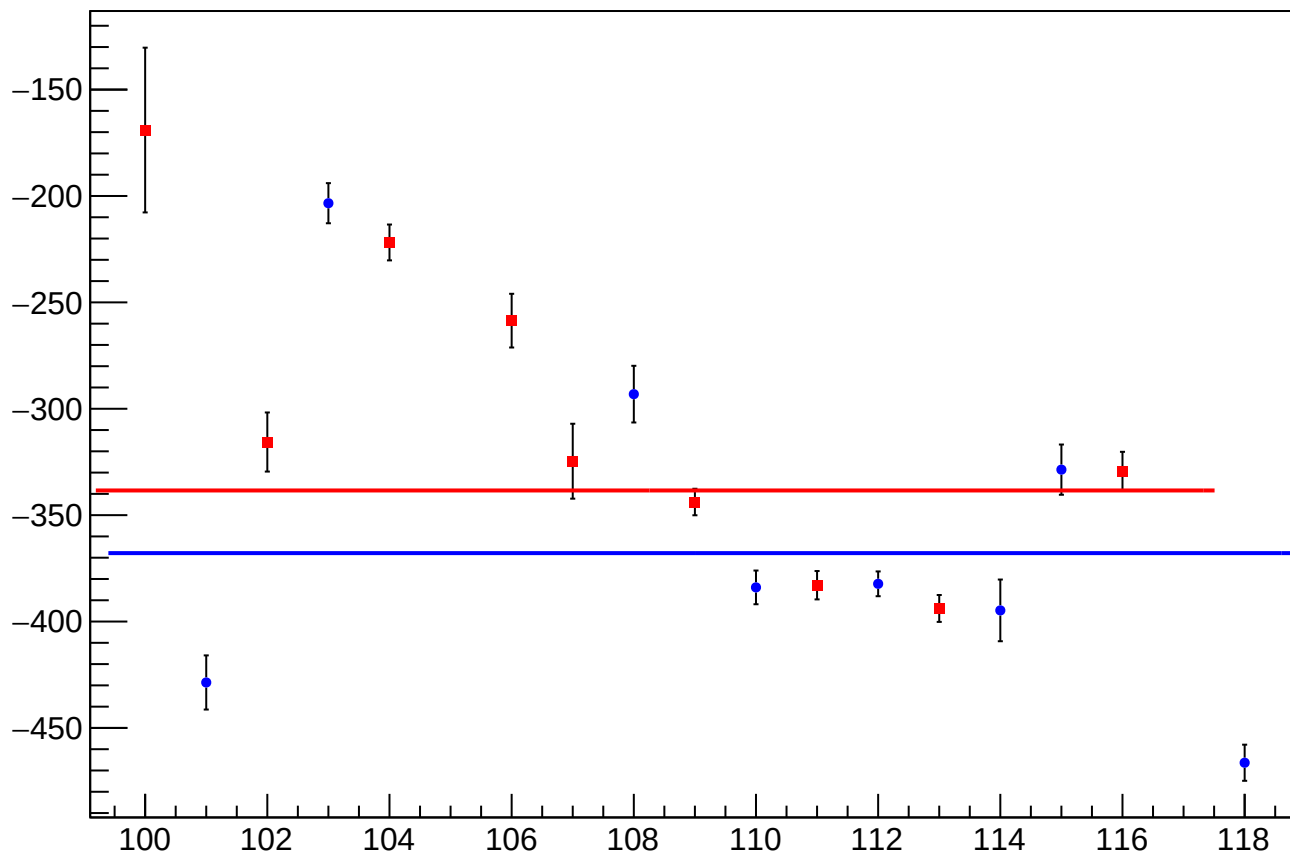
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.359 $\pm$ 0.058 χ^2 /NDF: 753264.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



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: -338.399 ± 2.950 χ^2/NDF : 377.2/8

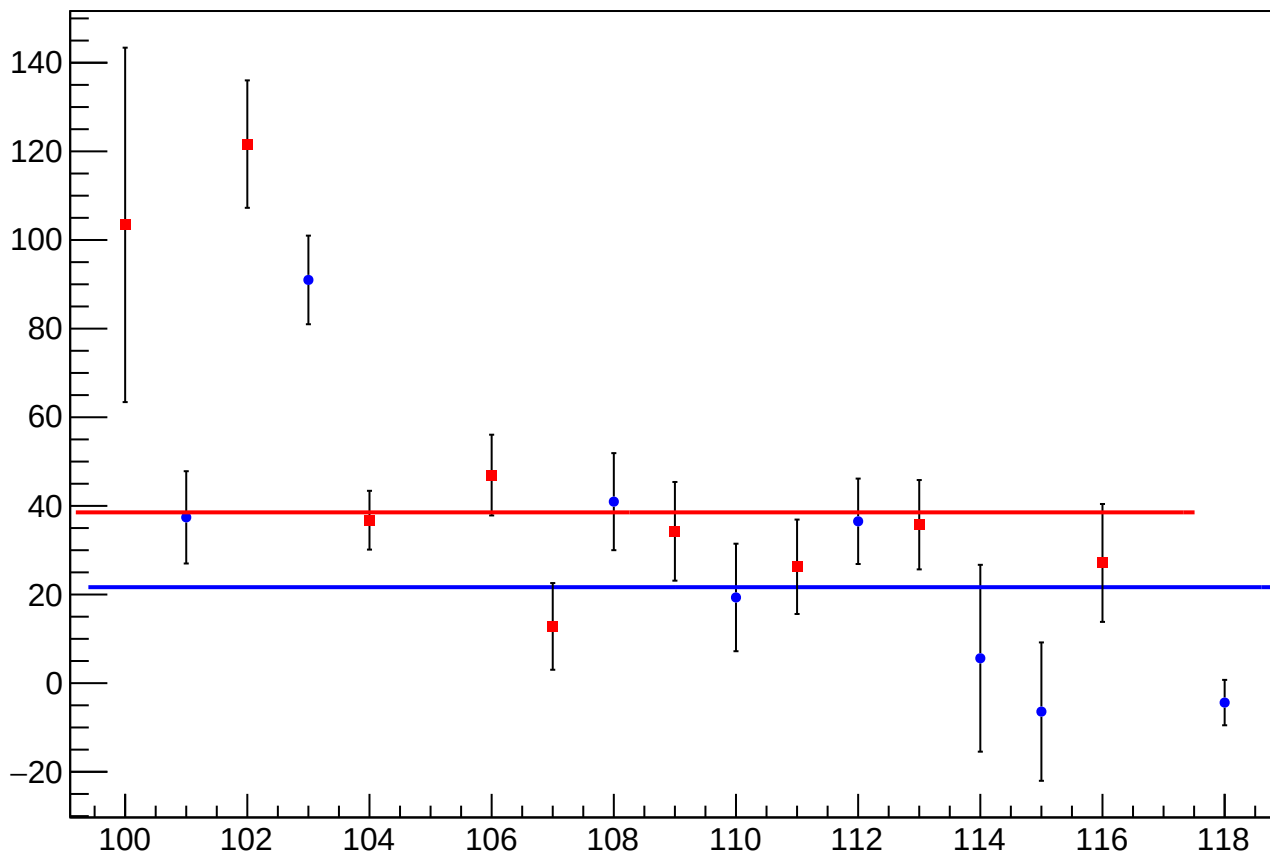
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -351.671 ± 2.187 χ^2/NDF : 939.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 21.658 $\pm$ 3.340 χ^2 /NDF: 85.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.541 $\pm$ 3.470 χ^2 /NDF: 46.2/8

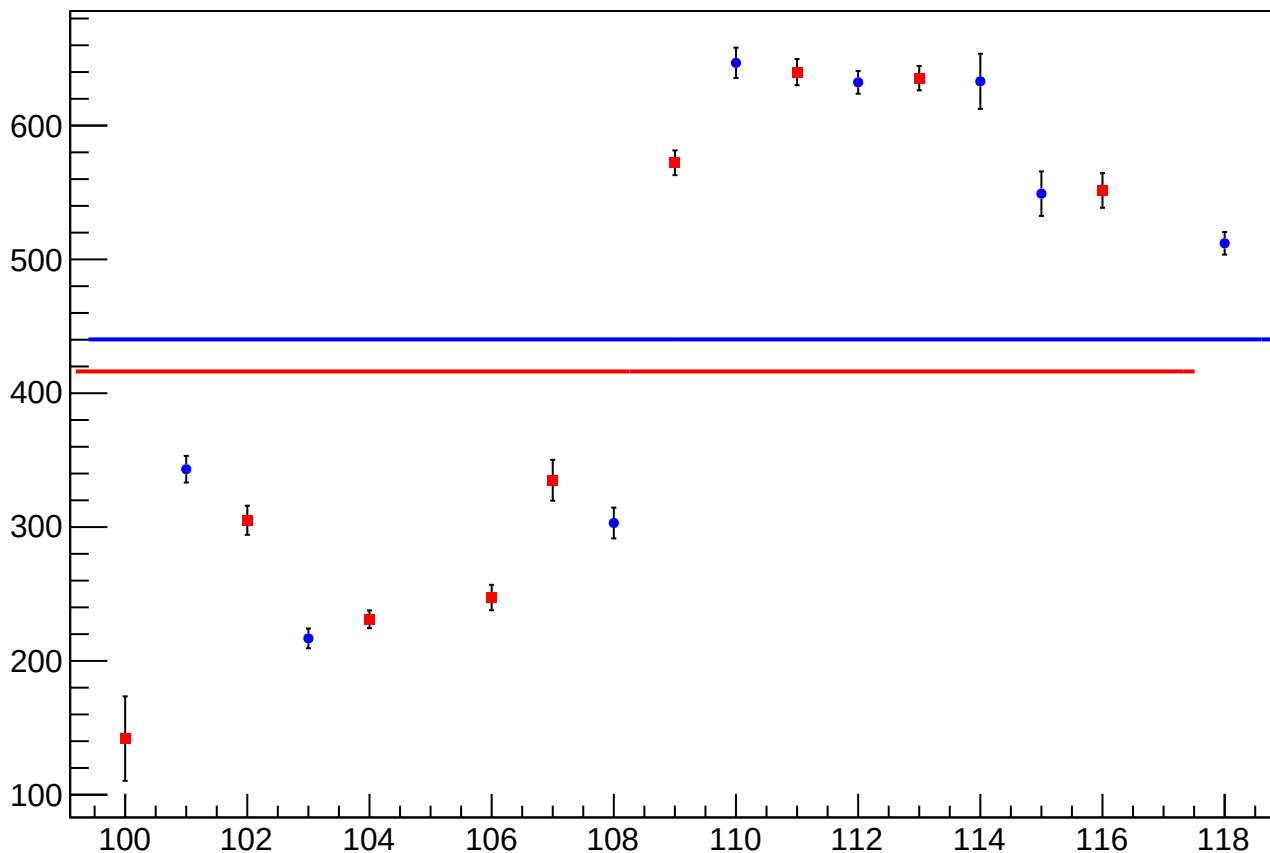
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.779 $\pm$ 2.406 χ^2 /NDF: 144.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 440.236 $\pm$ 3.595 χ^2 /NDF: 2190.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 416.292 $\pm$ 3.376 χ^2 /NDF: 2801.9/8

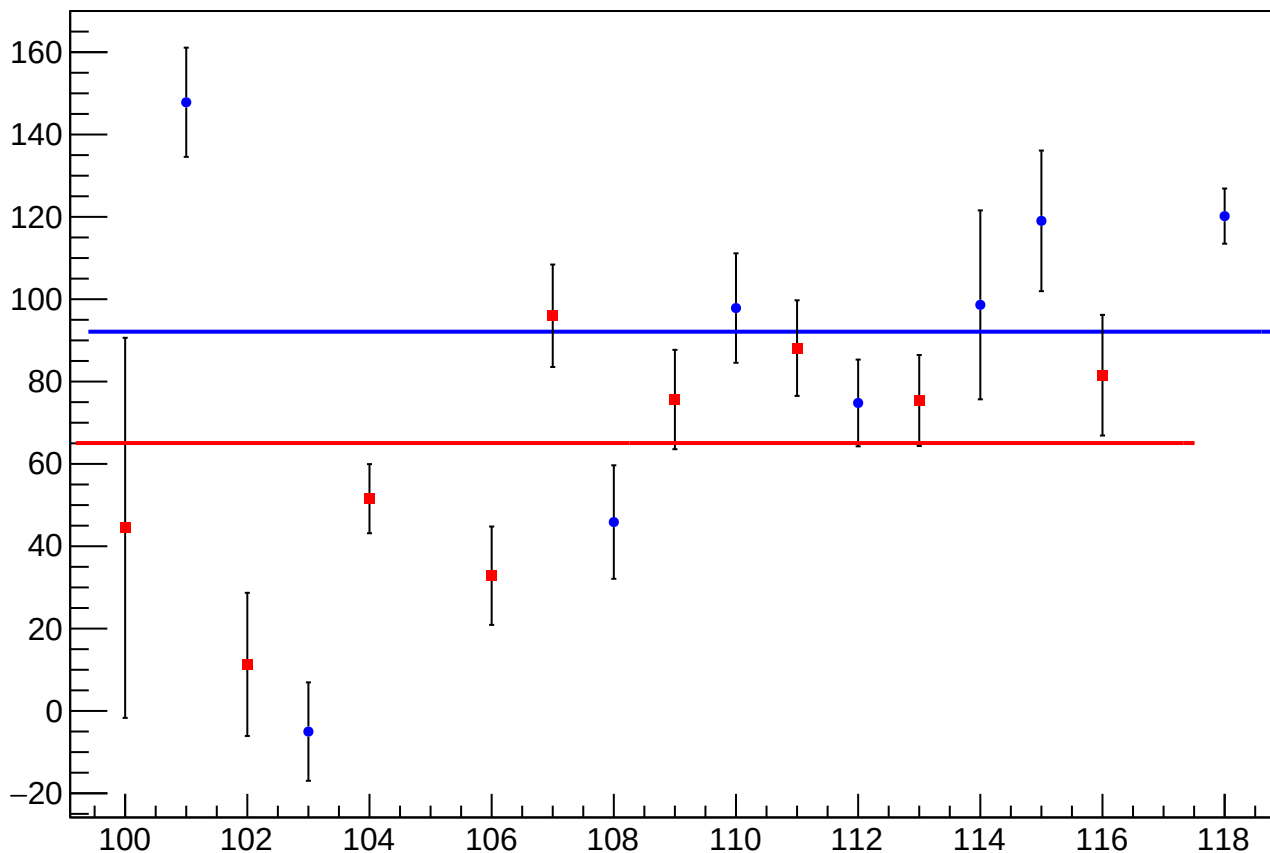
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 427.512 $\pm$ 2.461 χ^2 /NDF: 5015.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 92.113 $\pm$ 4.074 χ^2 /NDF: 118.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.066 $\pm$ 4.131 χ^2 /NDF: 32.7/8

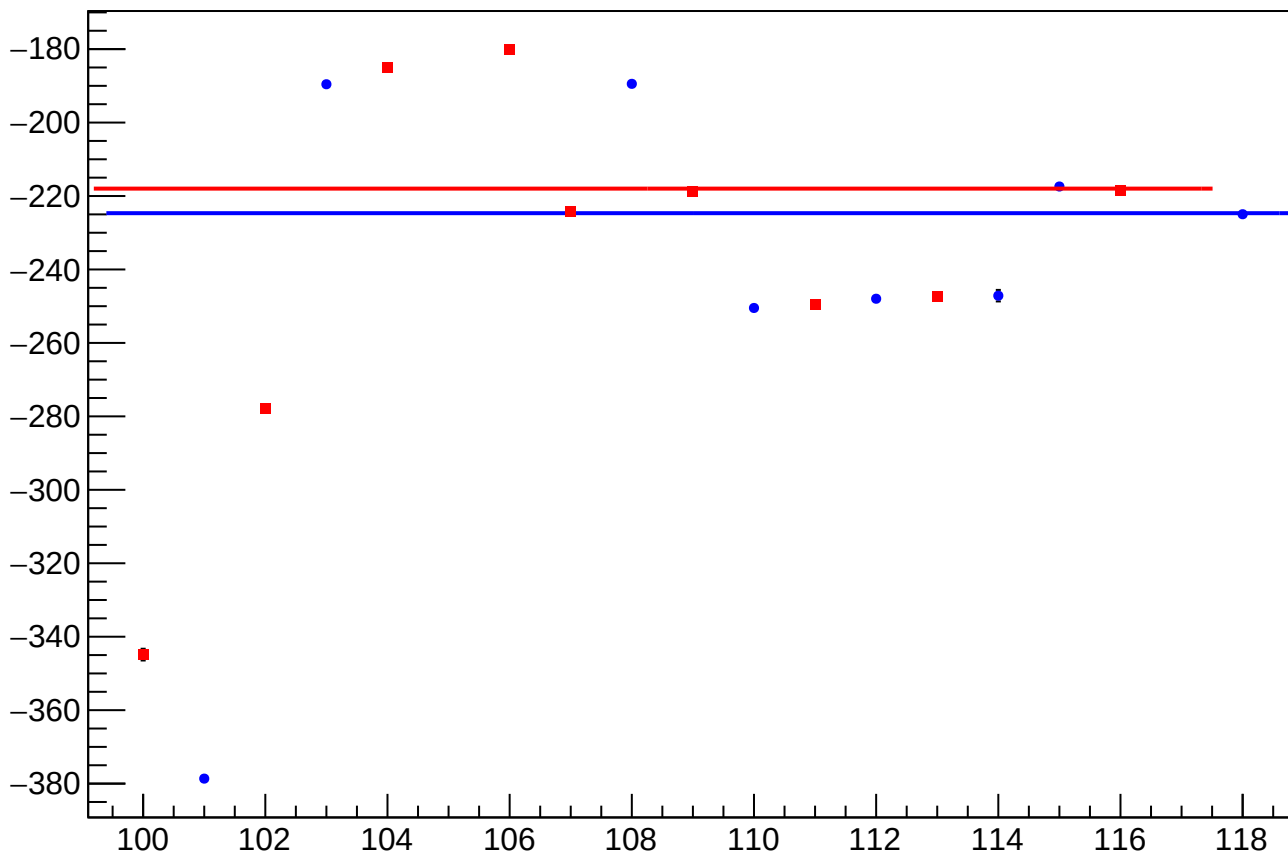
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.778 $\pm$ 2.901 χ^2 /NDF: 172.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



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: -217.984 ± 0.189 χ^2/NDF : 41675.4/8

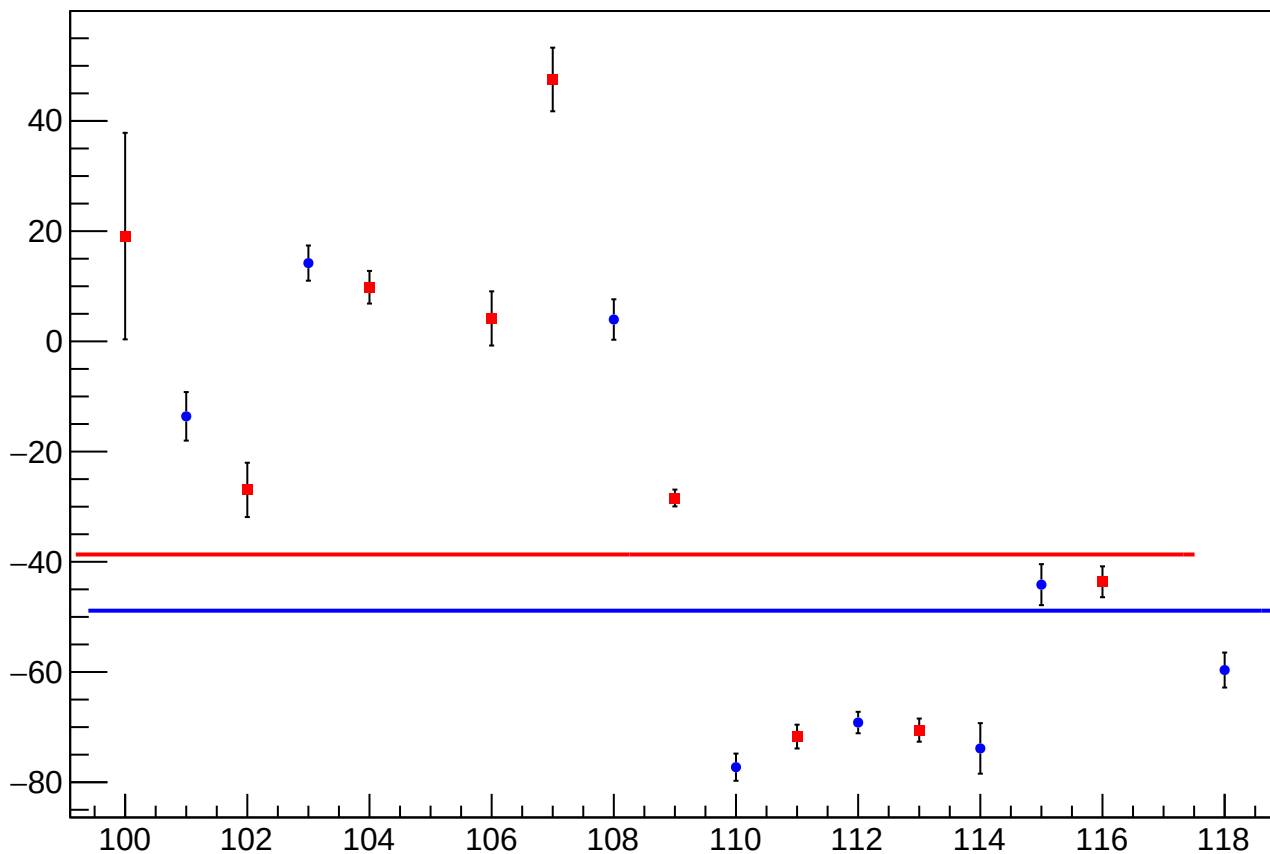
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -221.103 ± 0.138 χ^2/NDF : 129857.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -48.870 ± 1.071 χ^2/NDF : 945.8/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.675 ± 0.903 χ^2/NDF : 1094.2/8

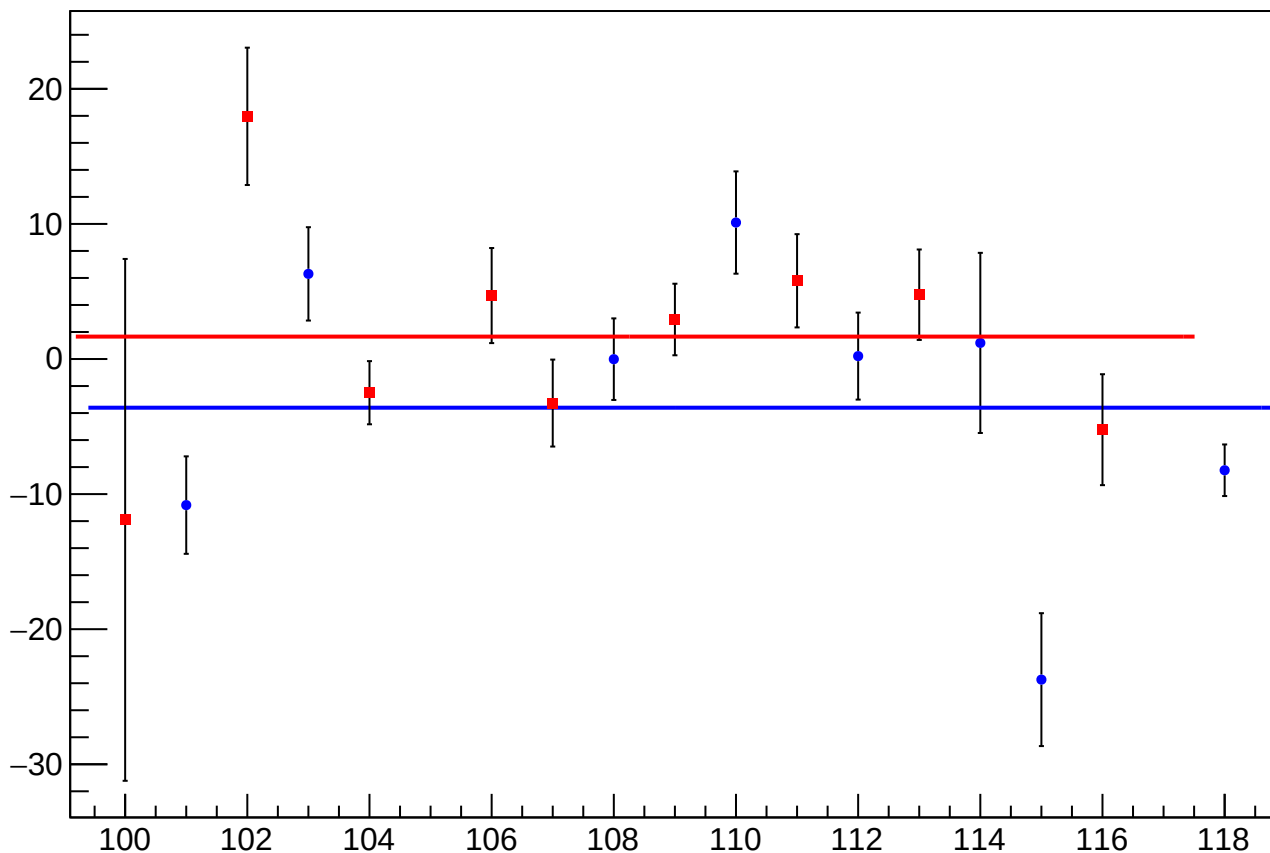
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.908 ± 0.690 χ^2/NDF : 2092.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -3.604 ± 1.136 χ^2/NDF : 51.3/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.660 ± 1.135 χ^2/NDF : 22.4/8

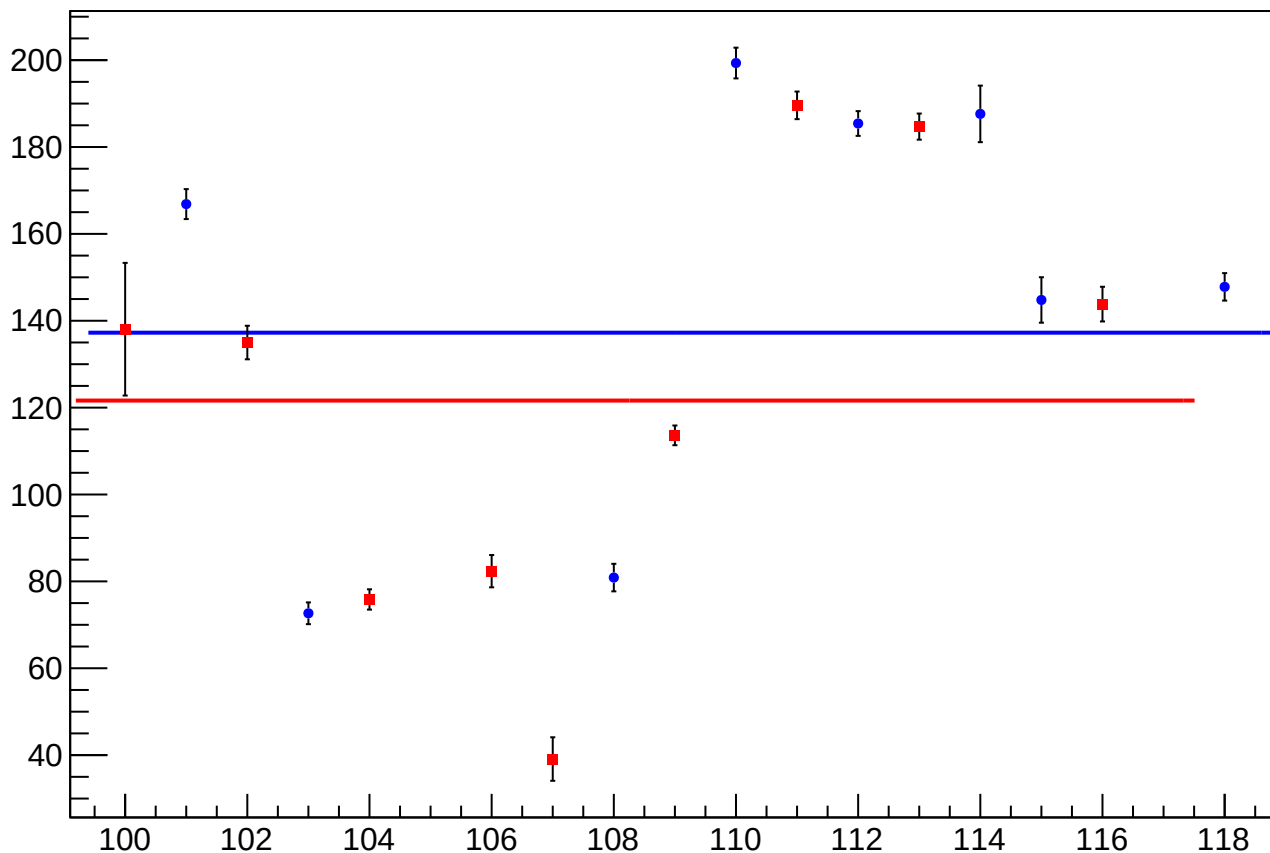
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.968 ± 0.803 χ^2/NDF : 84.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 137.255 $\pm$ 1.190 χ^2 /NDF: 1721.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.629 $\pm$ 1.096 χ^2 /NDF: 1721.1/8

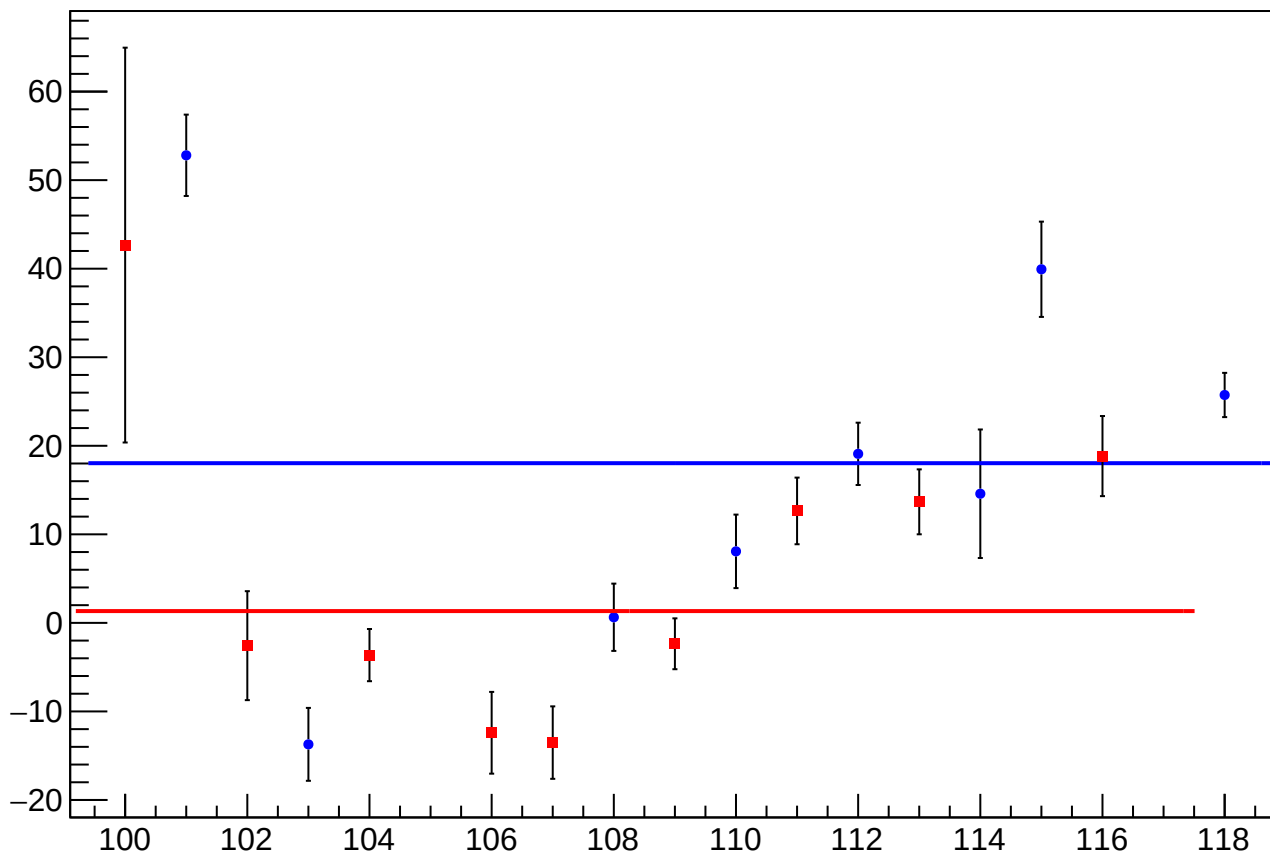
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.798 $\pm$ 0.806 χ^2 /NDF: 3536.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 18.035 $\pm$ 1.376 χ^2 /NDF: 169.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.333 $\pm$ 1.330 χ^2 /NDF: 65.7/8

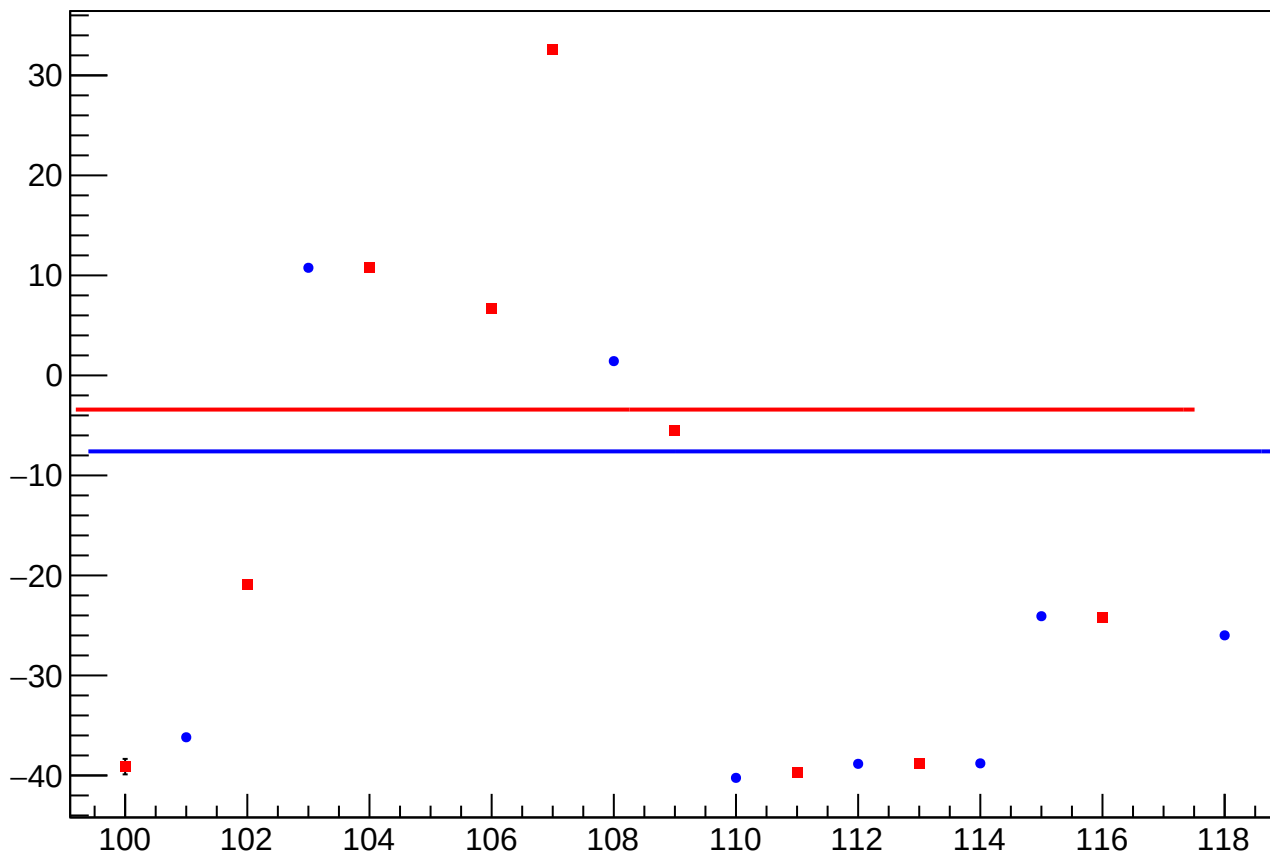
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.401 $\pm$ 0.956 χ^2 /NDF: 311.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -7.597 $\pm$ 0.065 χ^2 /NDF: 98138.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.416 $\pm$ 0.063 χ^2 /NDF: 112670.0/8

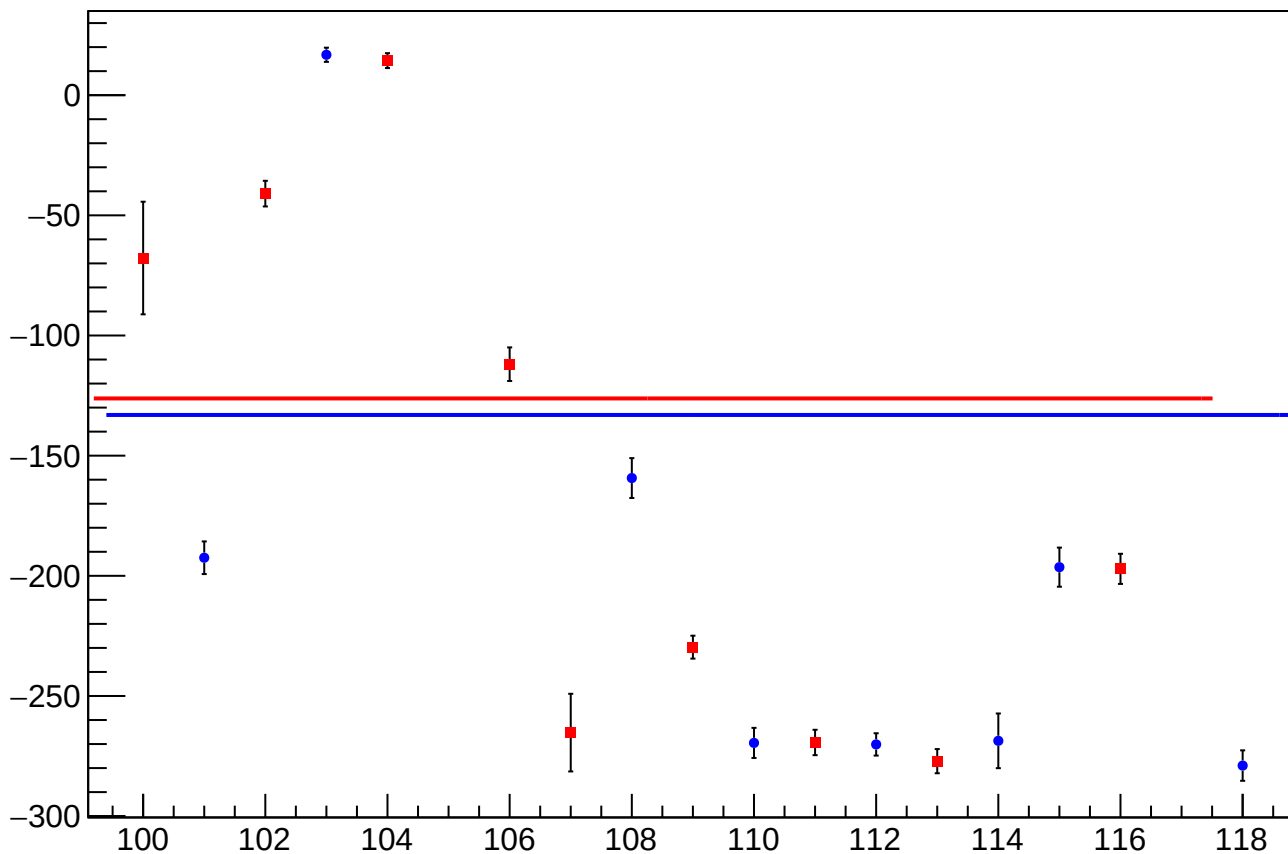
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.435 $\pm$ 0.046 χ^2 /NDF: 212916.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



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: -126.193+/-1.796 χ^2 /NDF: 4625.5/8

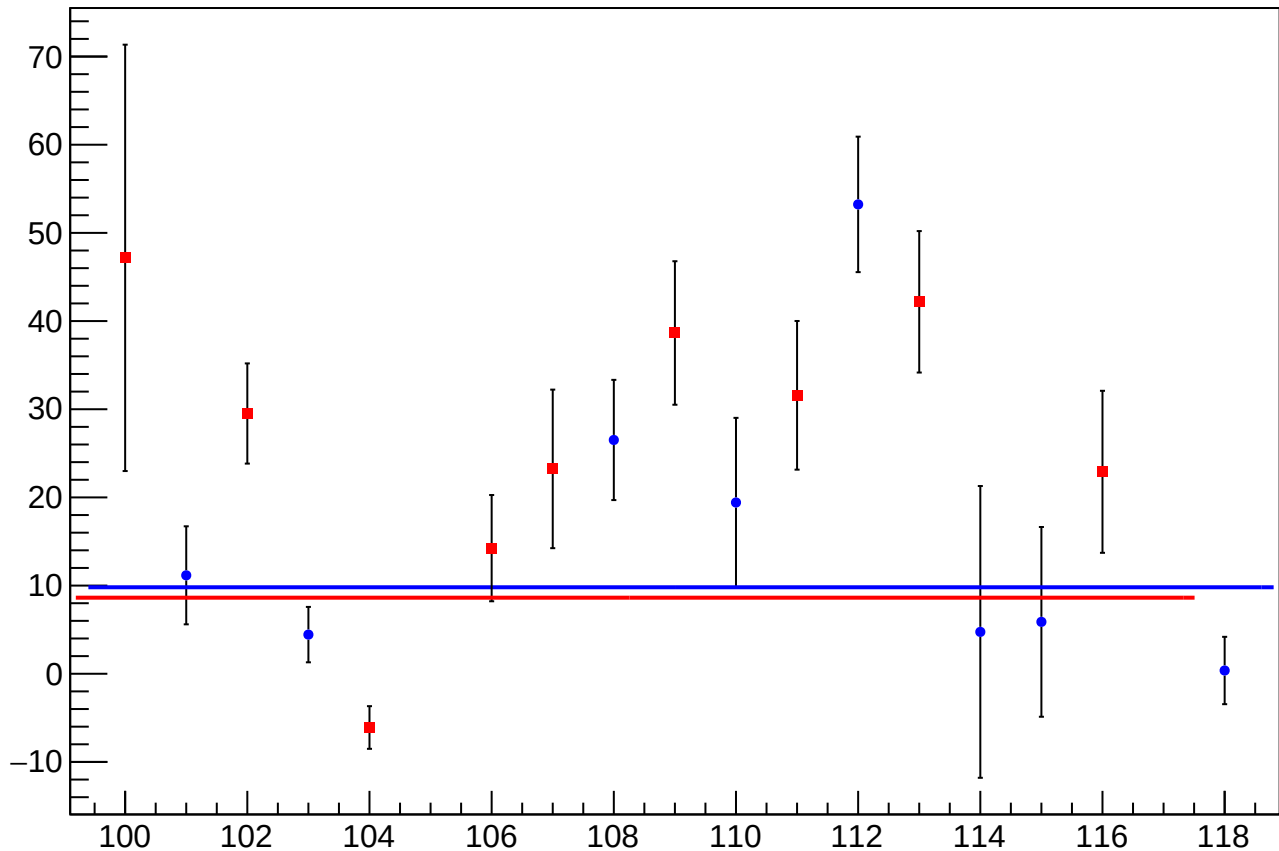
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -129.394+/-1.313 χ^2 /NDF: 9367.5/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



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: 8.628+/-1.826 χ^2/NDF : 97.5/8

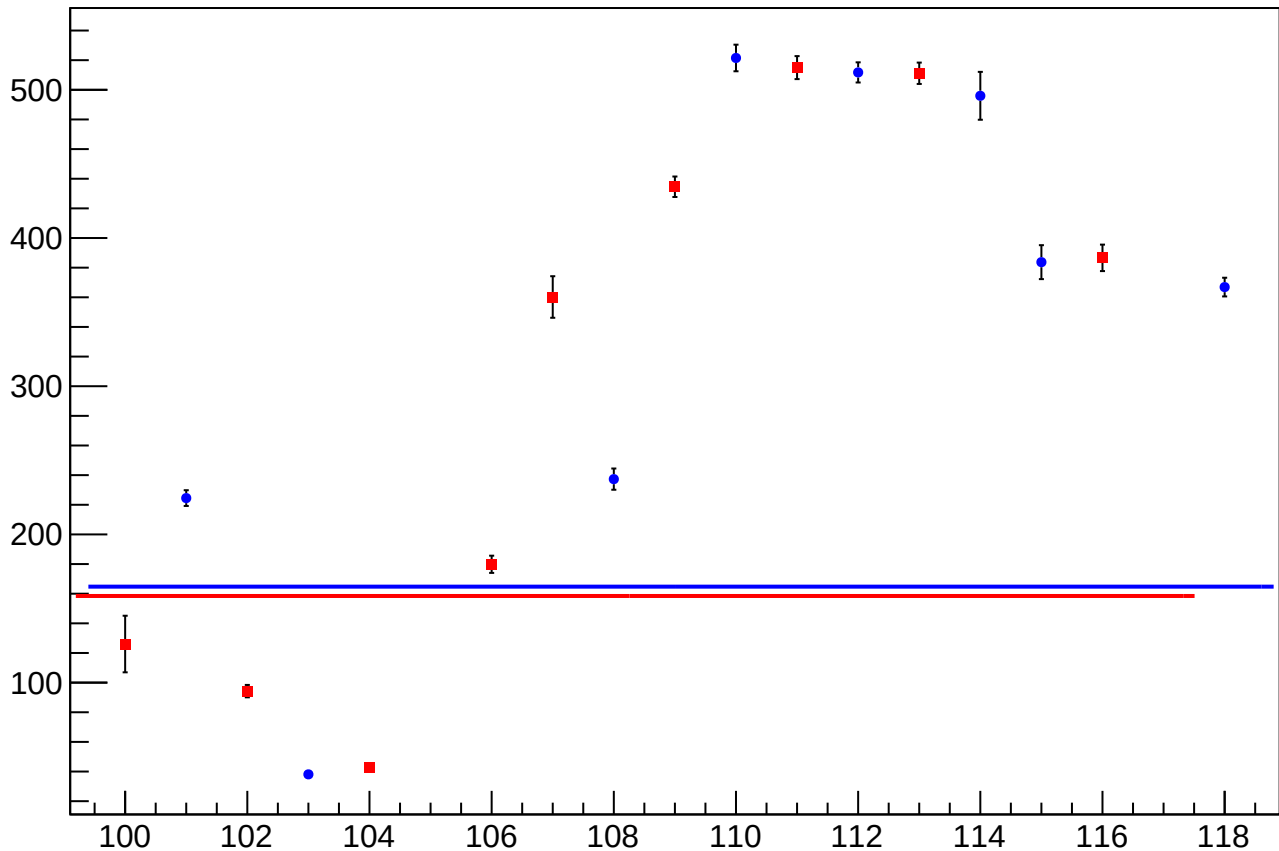
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.181+/-1.332 χ^2/NDF : 146.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 164.761 $\pm$ 1.793 χ^2 /NDF: 9199.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 158.461 $\pm$ 1.739 χ^2 /NDF: 9444.7/8

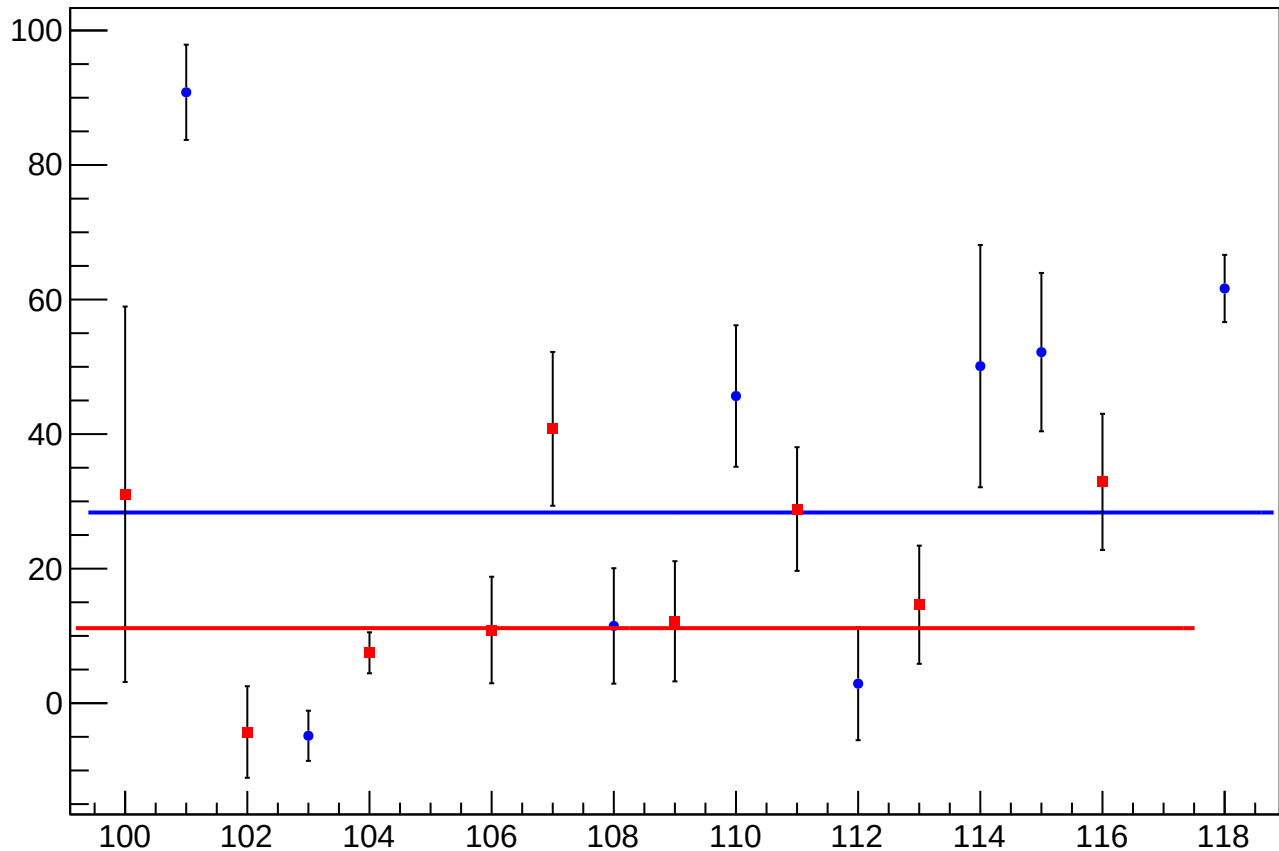
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.513 $\pm$ 1.248 χ^2 /NDF: 18650.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 28.346 $\pm$ 2.364 χ^2 /NDF: 222.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.156 $\pm$ 2.230 χ^2 /NDF: 22.3/8

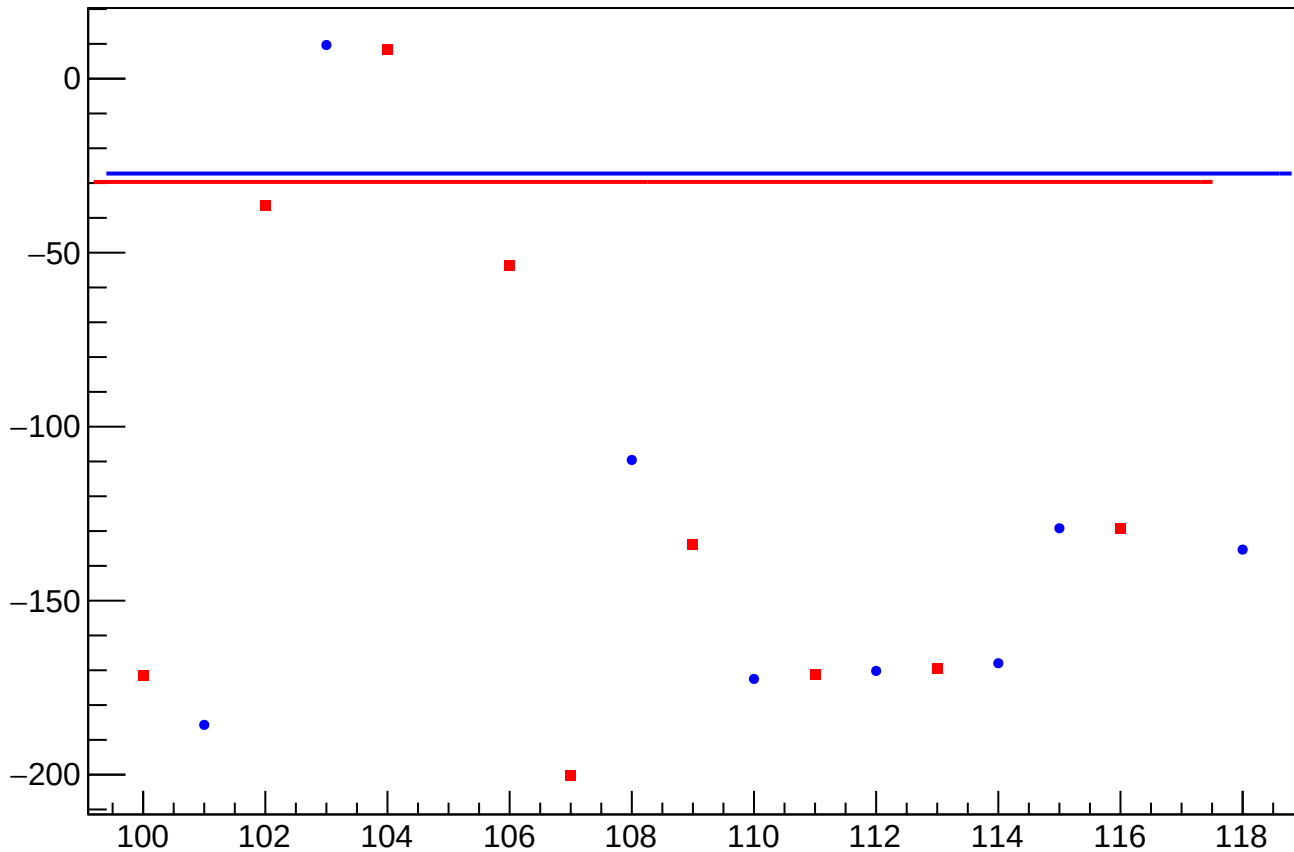
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.251 $\pm$ 1.622 χ^2 /NDF: 273.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



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: -29.672 ± 0.085 χ^2/NDF : 421614.6/8

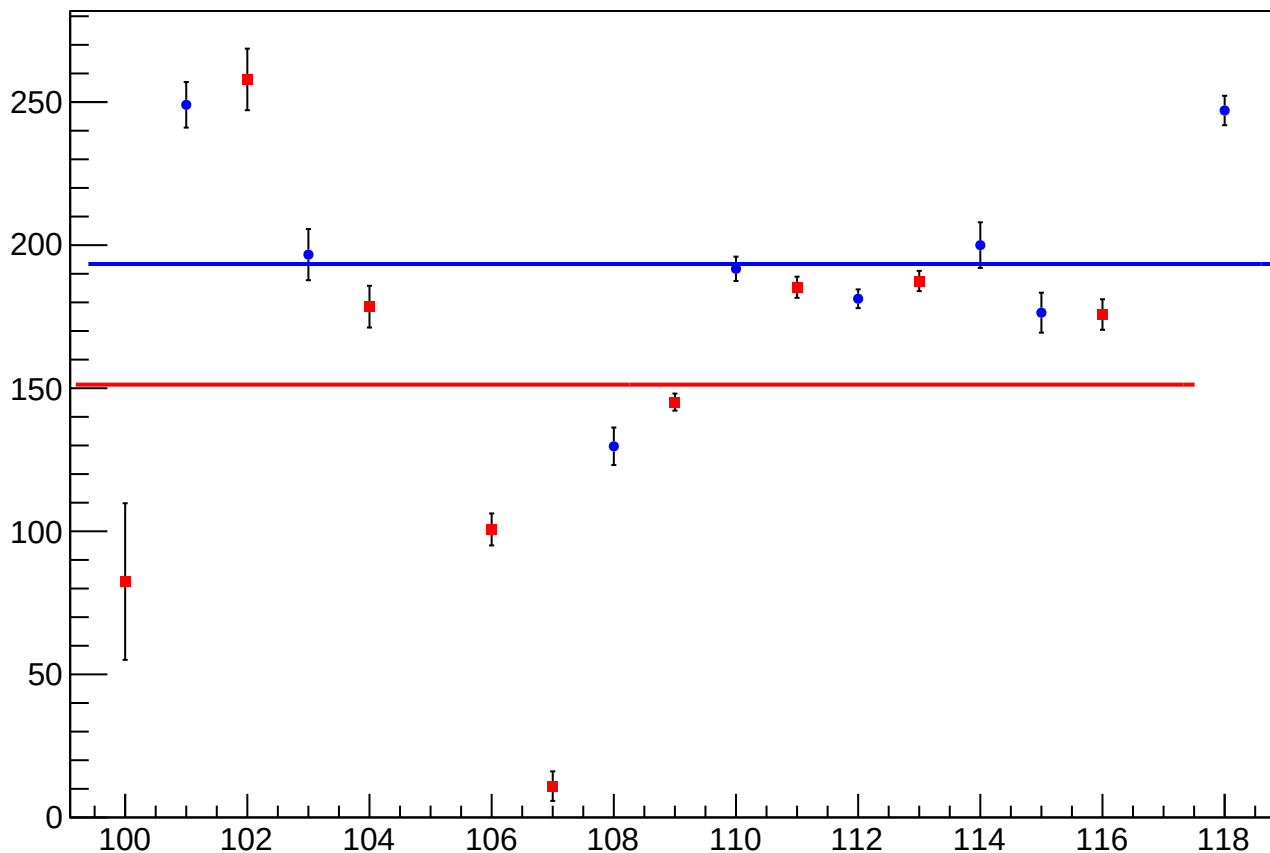
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.452 ± 0.060 χ^2/NDF : 1082286.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 193.413 $\pm$ 1.911 χ^2 /NDF: 272.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.261 $\pm$ 1.584 χ^2 /NDF: 1154.3/8

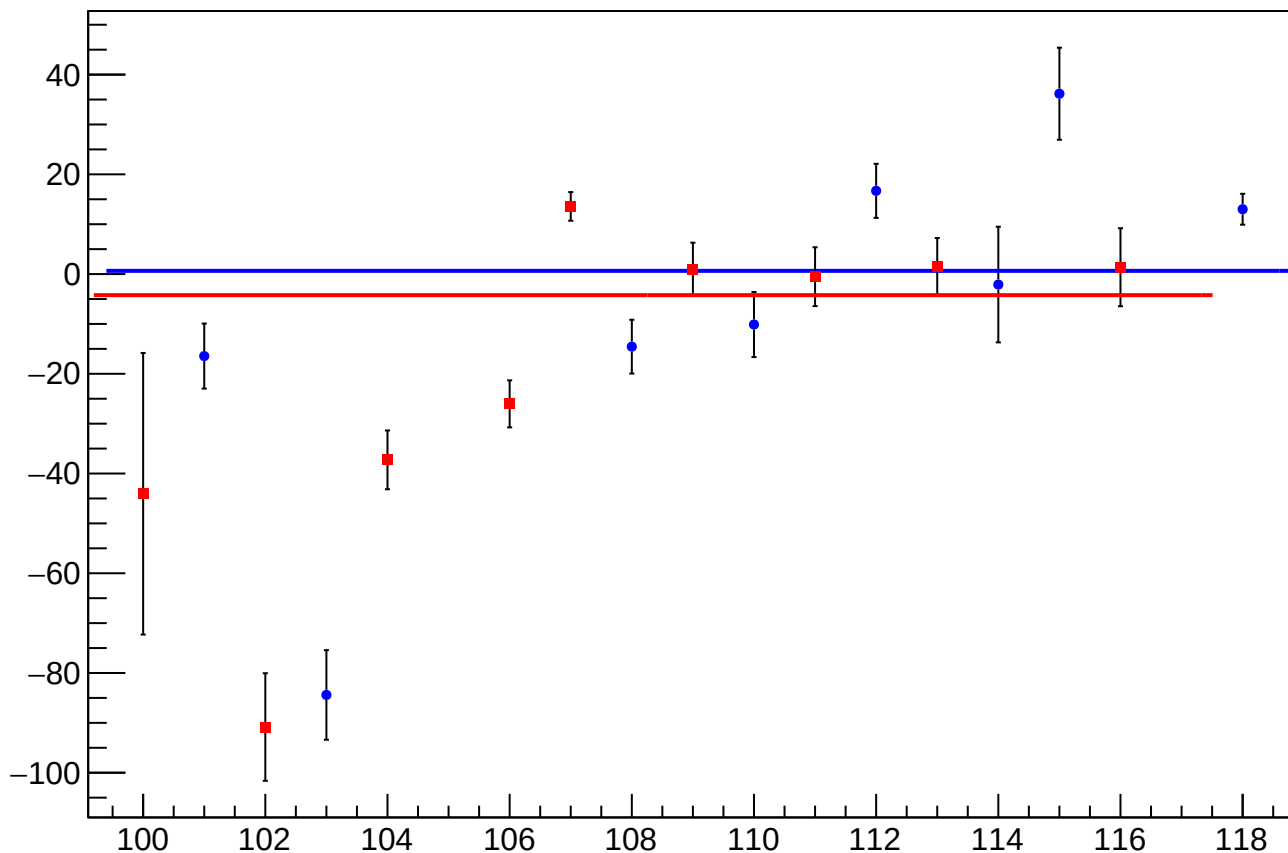
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 168.435 $\pm$ 1.220 χ^2 /NDF: 1715.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 0.645 $\pm$ 1.995 χ^2 /NDF: 146.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.225 $\pm$ 1.776 χ^2 /NDF: 160.6/8

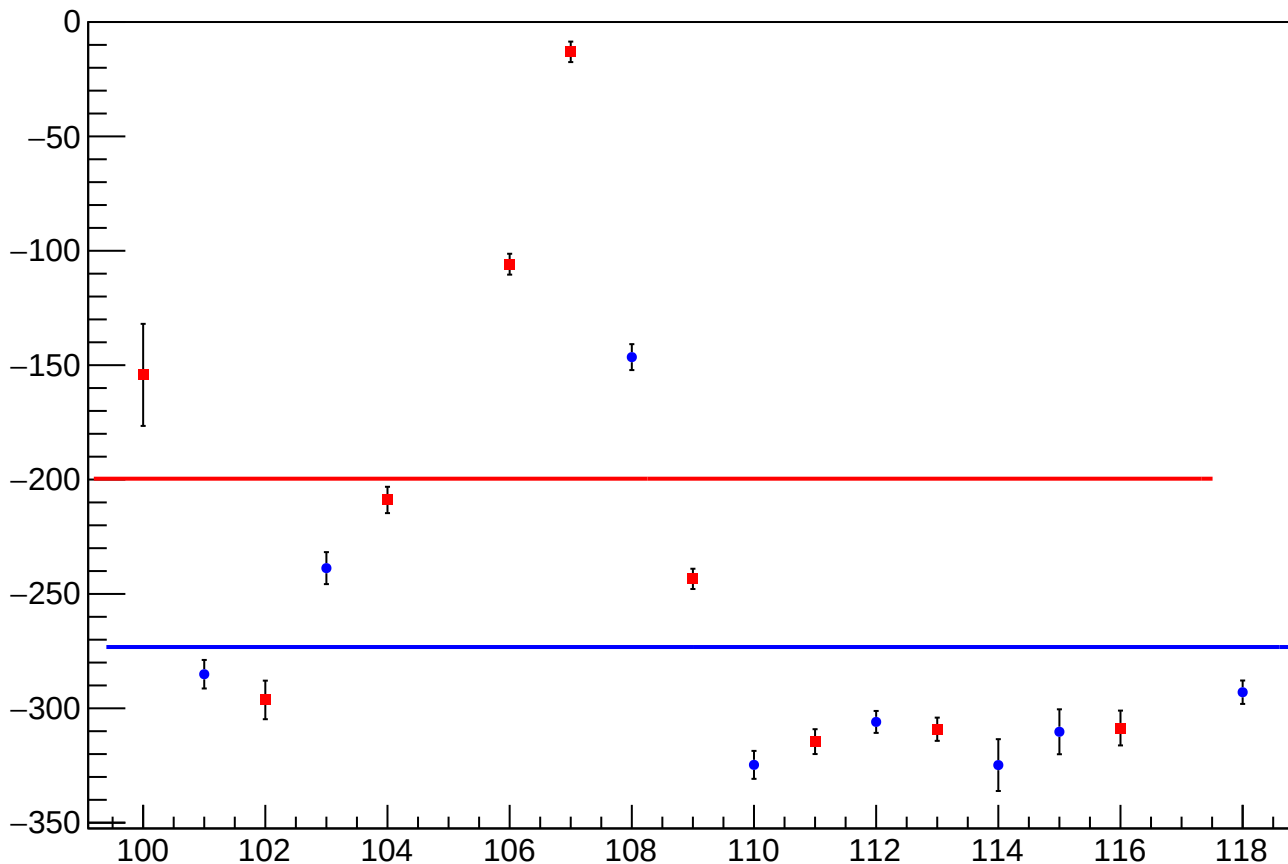
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.072 $\pm$ 1.327 χ^2 /NDF: 310.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



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: -199.623 ± 1.873 χ^2/NDF : 3513.1/8

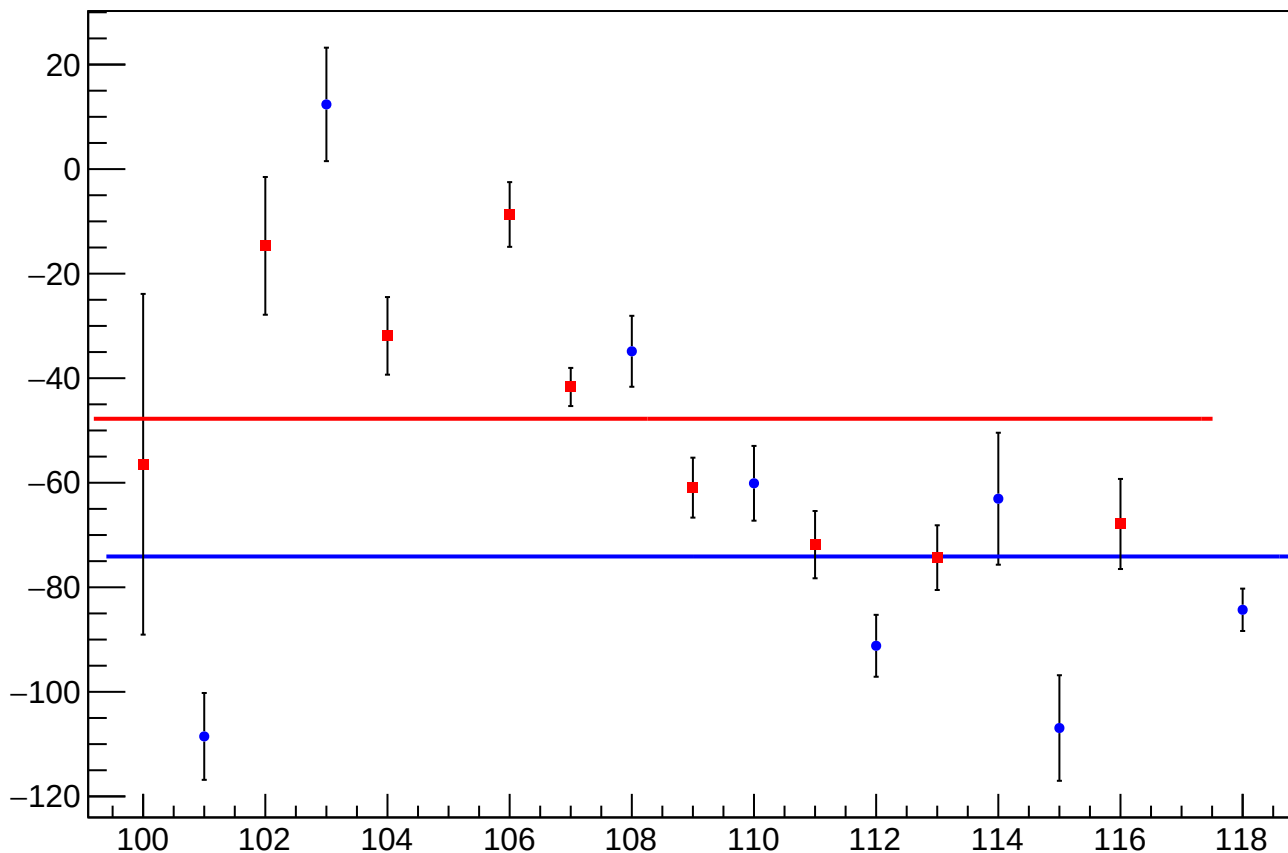
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -230.308 ± 1.430 χ^2/NDF : 4852.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



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: -47.760 ± 2.131 χ^2/NDF : 96.7/8

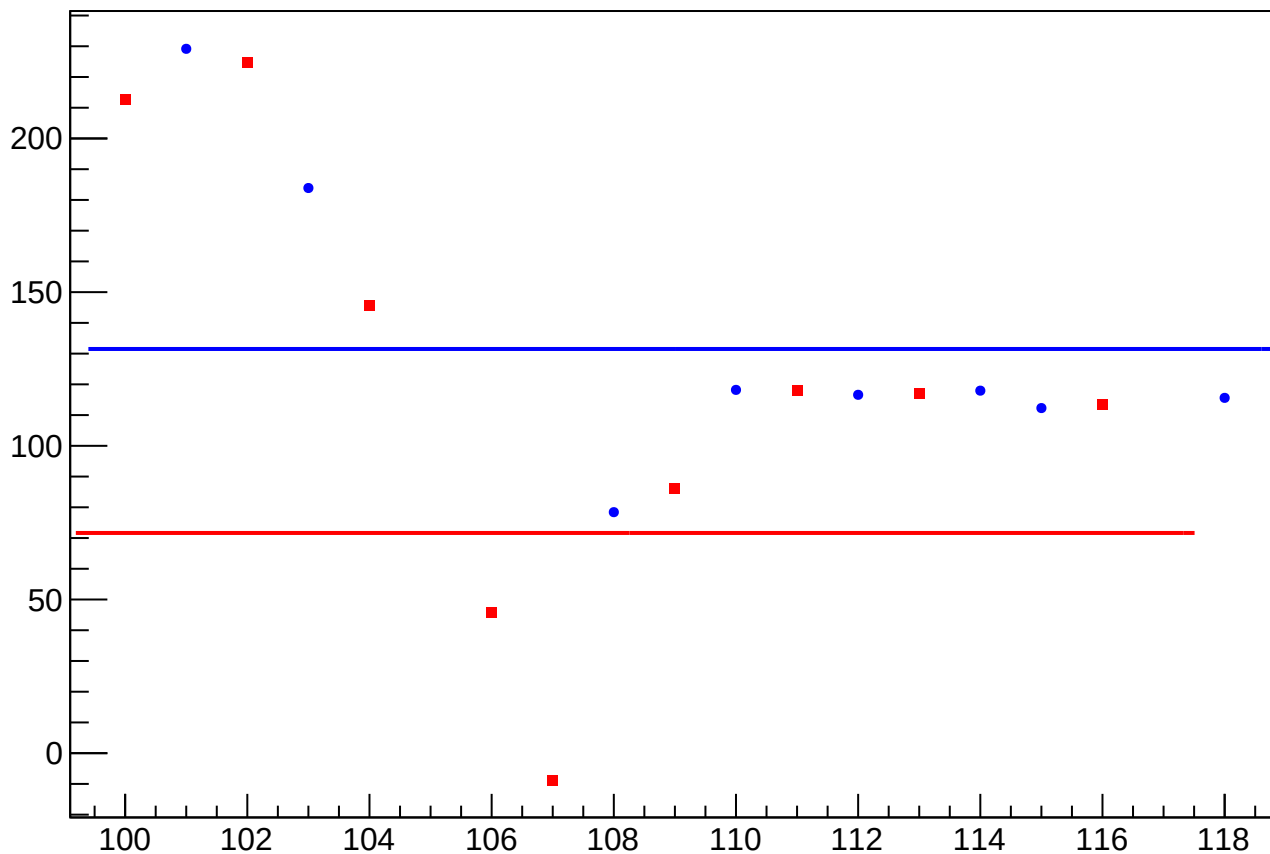
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.230 ± 1.601 χ^2/NDF : 307.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 131.510 $\pm$ 0.132 χ^2 /NDF: 156762.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.650 $\pm$ 0.101 χ^2 /NDF: 497887.1/8

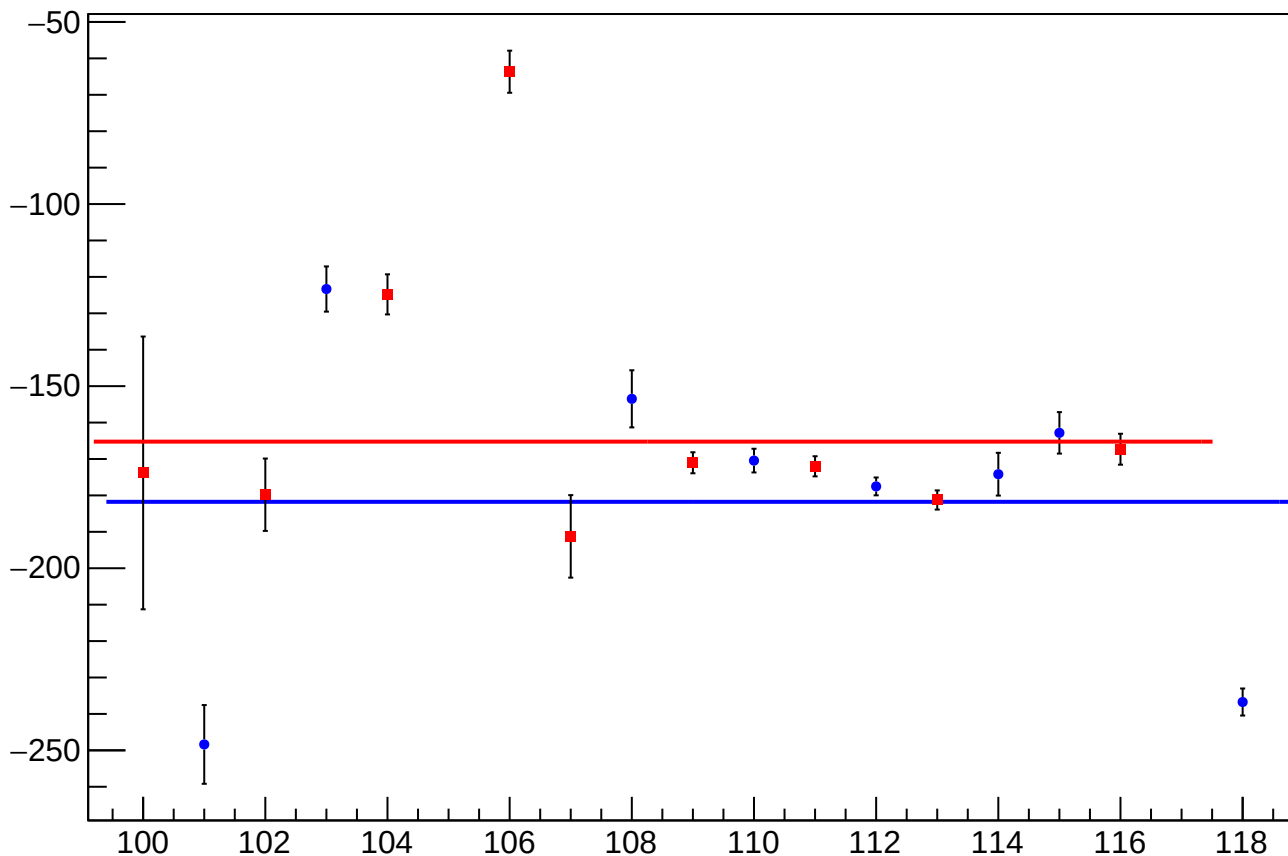
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.835 $\pm$ 0.080 χ^2 /NDF: 784128.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



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: -165.235+/-1.370 χ^2/NDF : 417.7/8

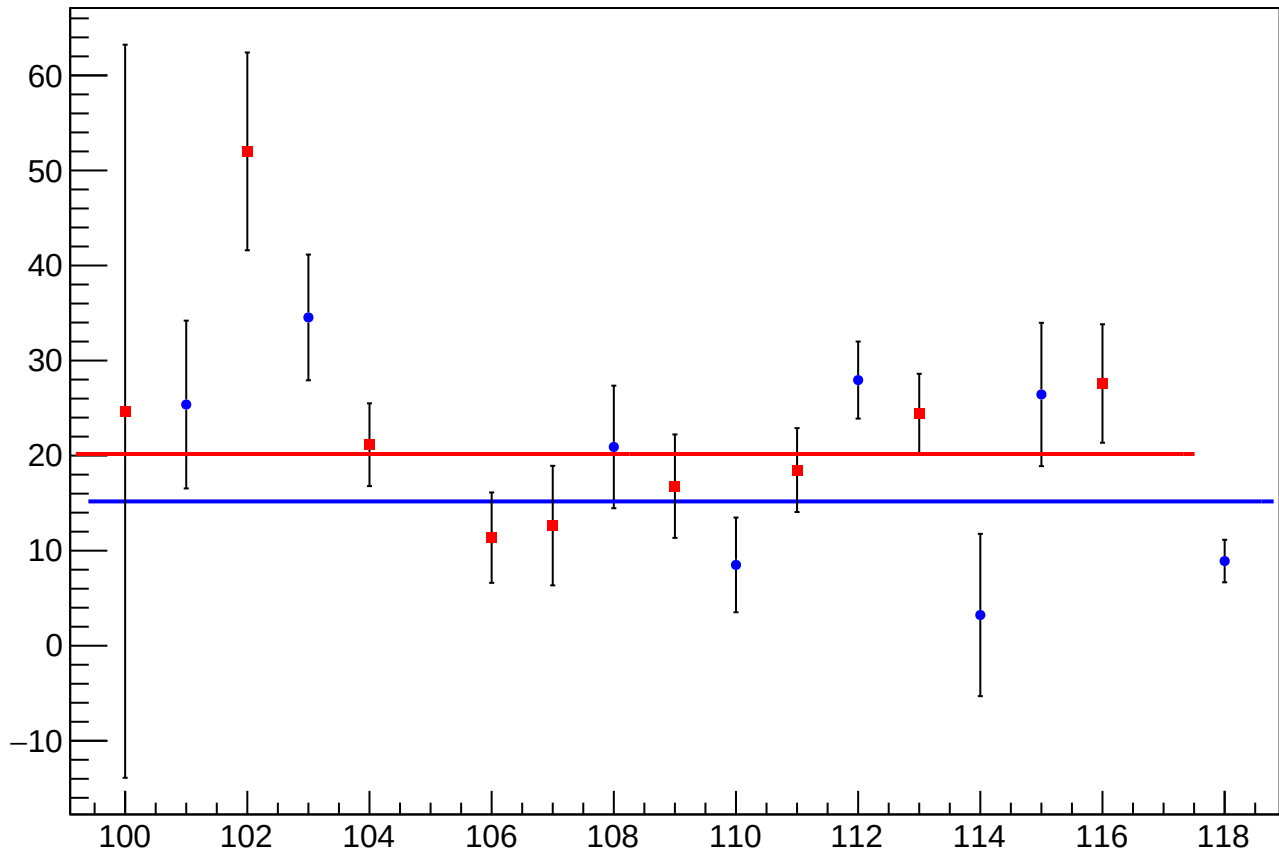
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.748+/-1.012 χ^2/NDF : 870.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 15.182 $\pm$ 1.597 χ^2 /NDF: 34.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.170 $\pm$ 1.826 χ^2 /NDF: 17.3/8

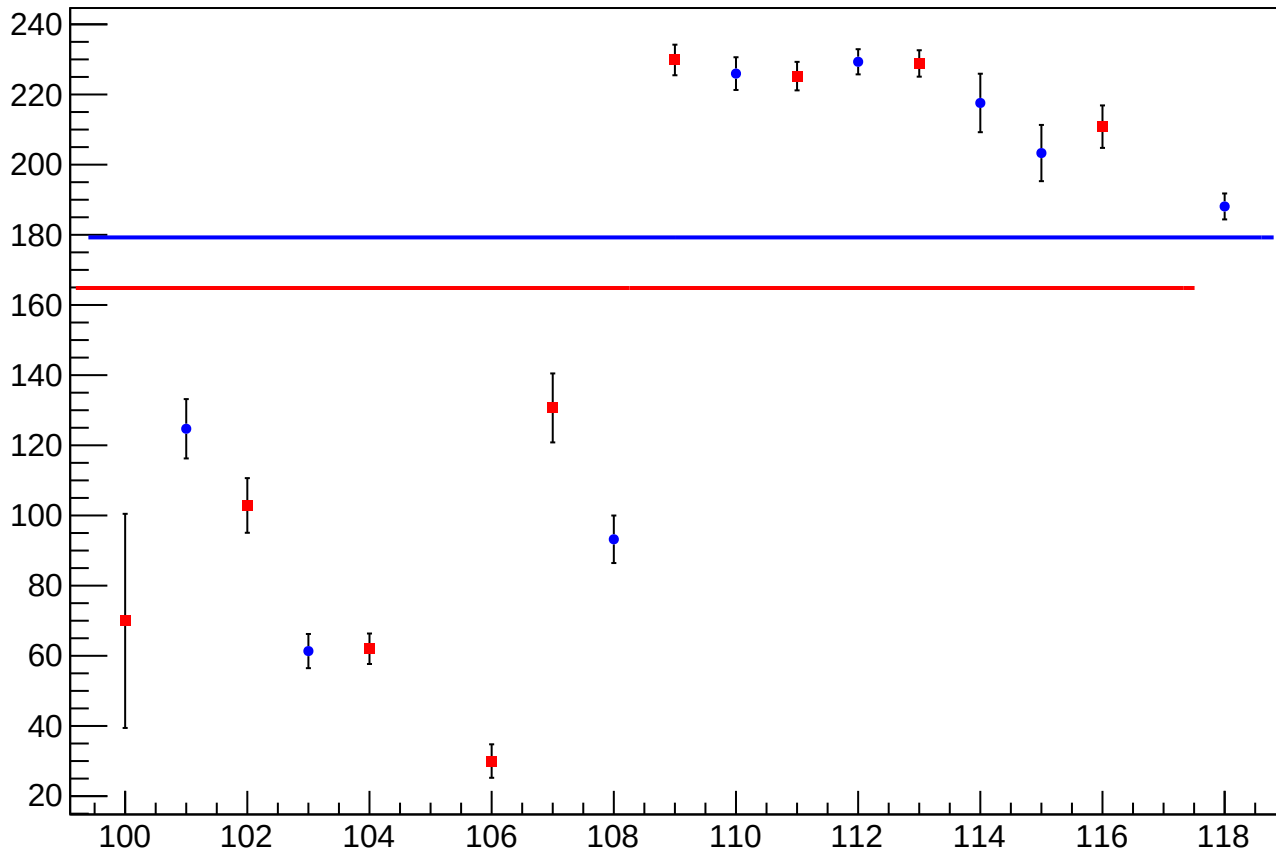
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.344 $\pm$ 1.202 χ^2 /NDF: 55.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 179.258 $\pm$ 1.812 χ^2 /NDF: 1119.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.840 $\pm$ 1.726 χ^2 /NDF: 2233.5/8

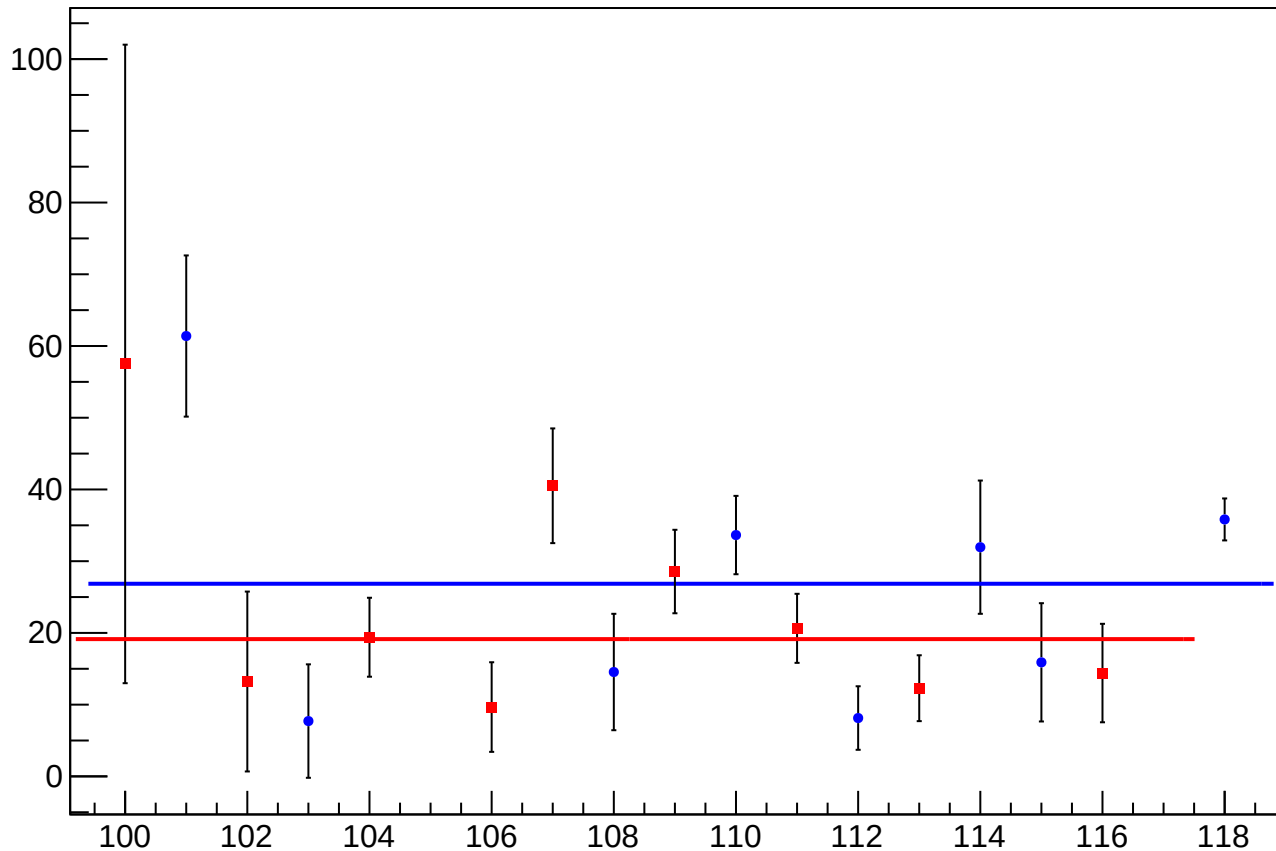
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.699 $\pm$ 1.250 χ^2 /NDF: 3386.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



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: 19.137+/-2.120 χ^2/NDF : 15.8/8

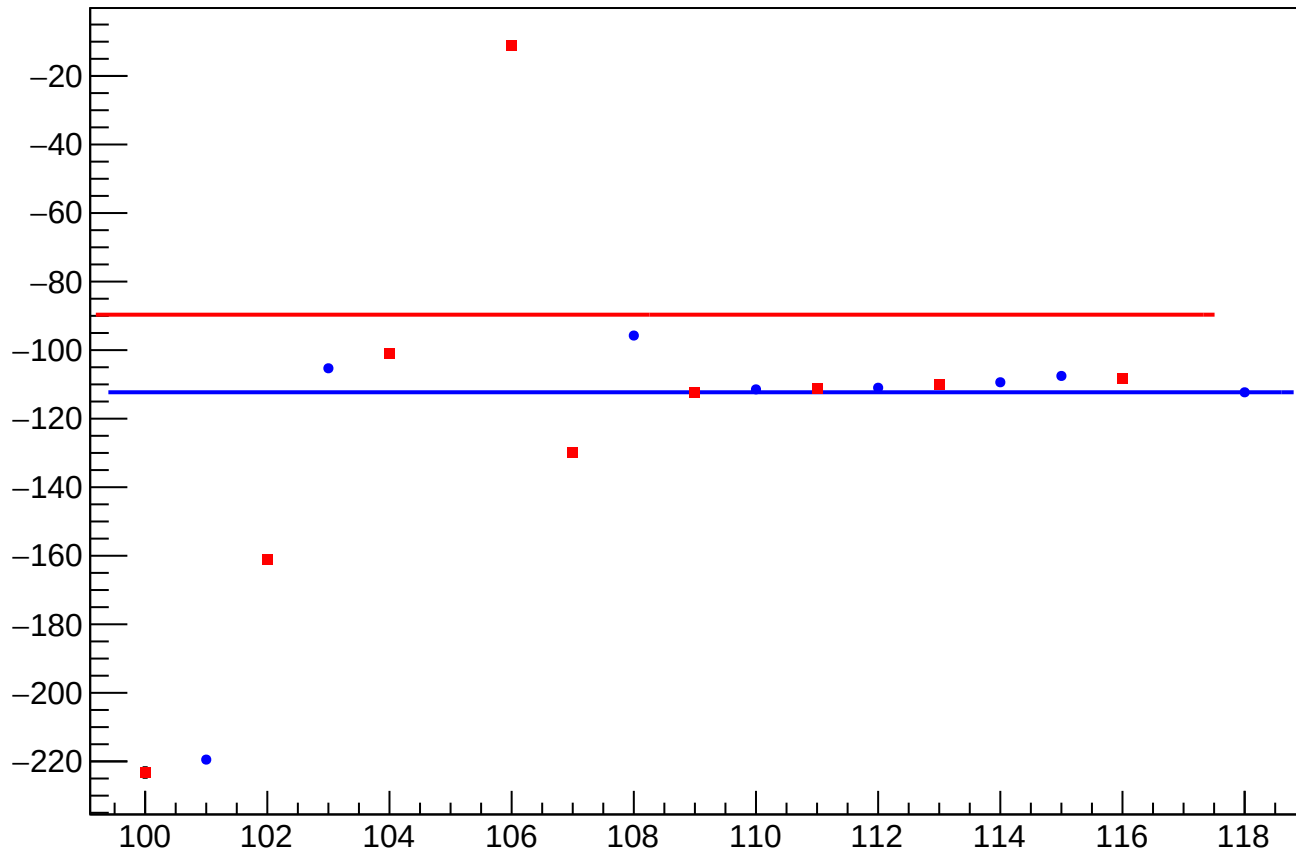
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.345+/-1.430 χ^2/NDF : 71.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



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: -89.659+/-0.100 χ^2/NDF : 237085.8/8

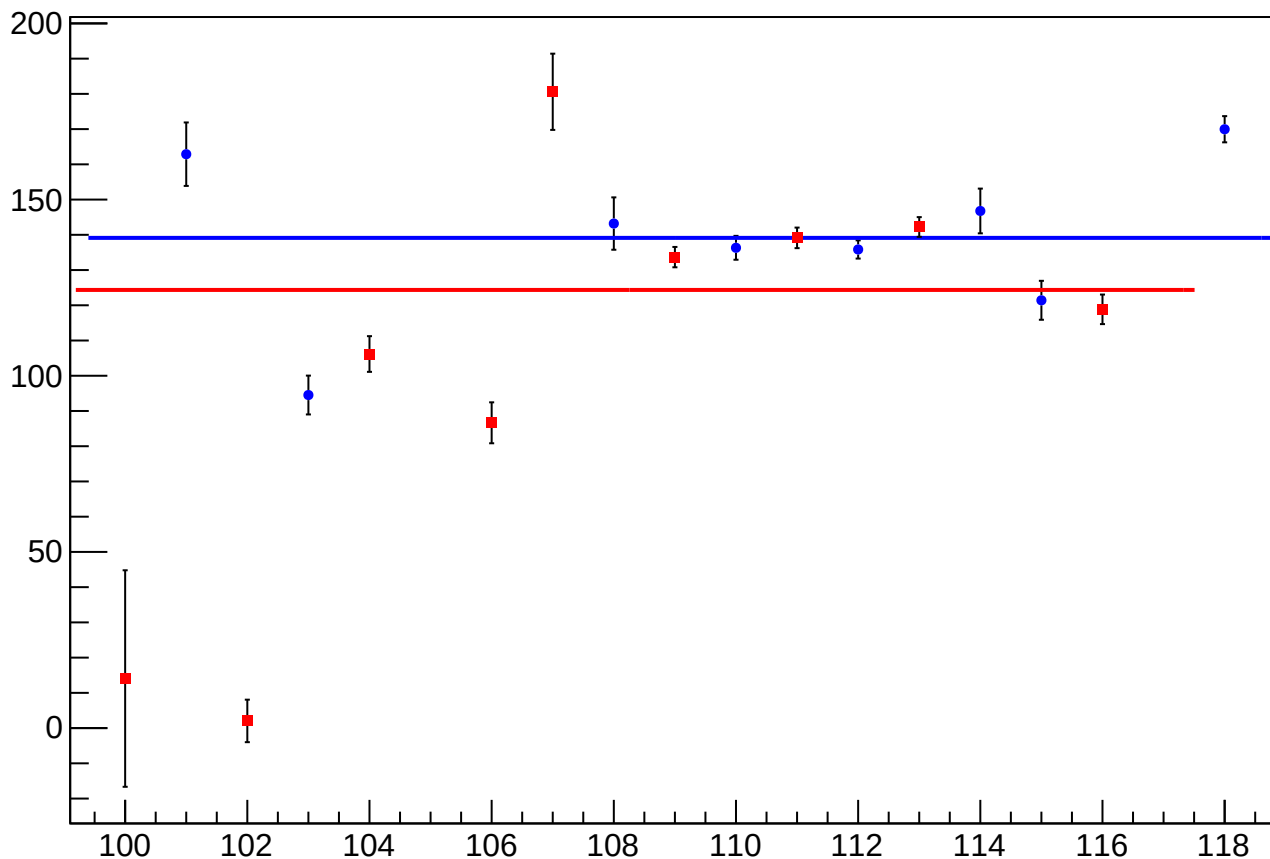
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.551+/-0.075 χ^2/NDF : 309749.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 139.131 $\pm$ 1.525 χ^2/NDF : 155.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 124.356 $\pm$ 1.377 χ^2/NDF : 584.7/8

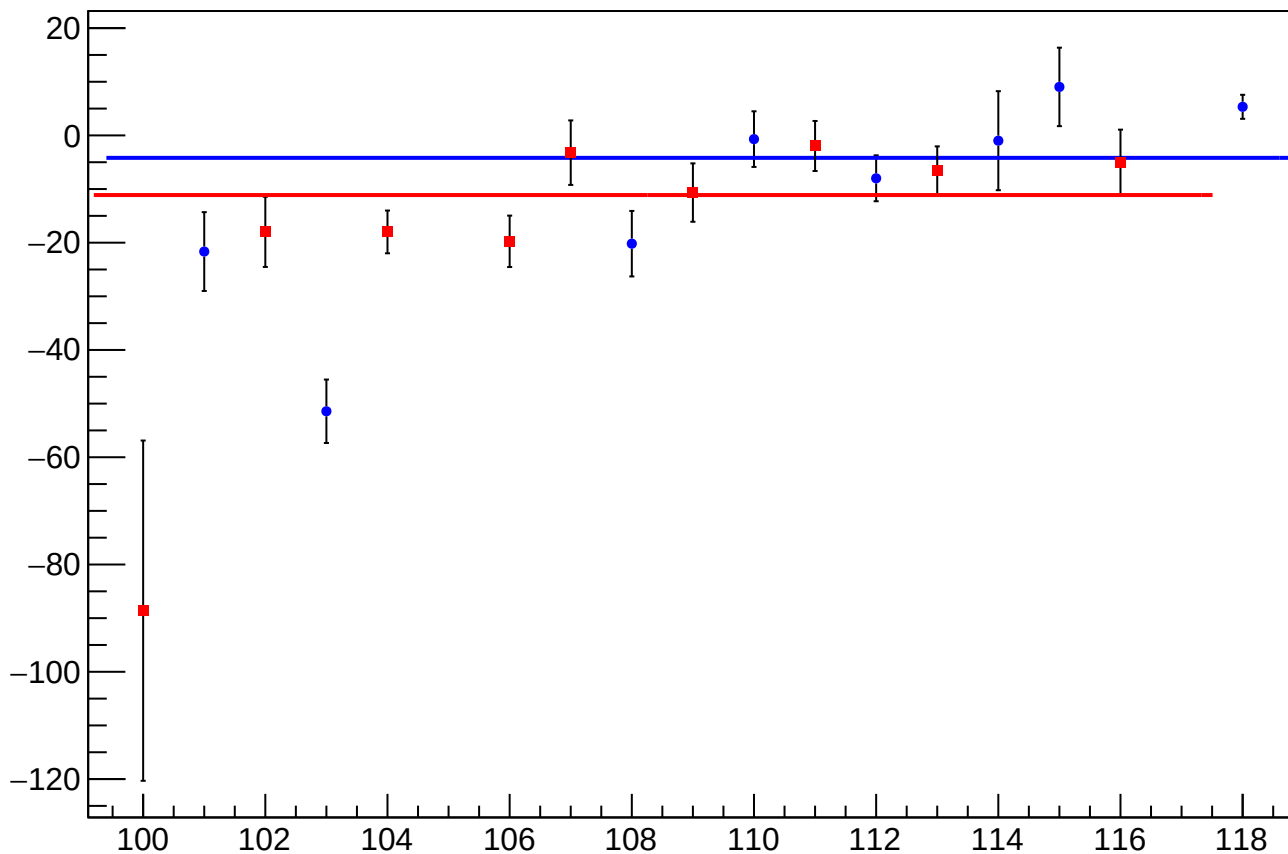
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 130.989 $\pm$ 1.022 χ^2/NDF : 792.0/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



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: -11.118+/-1.782 χ^2/NDF : 20.9/8

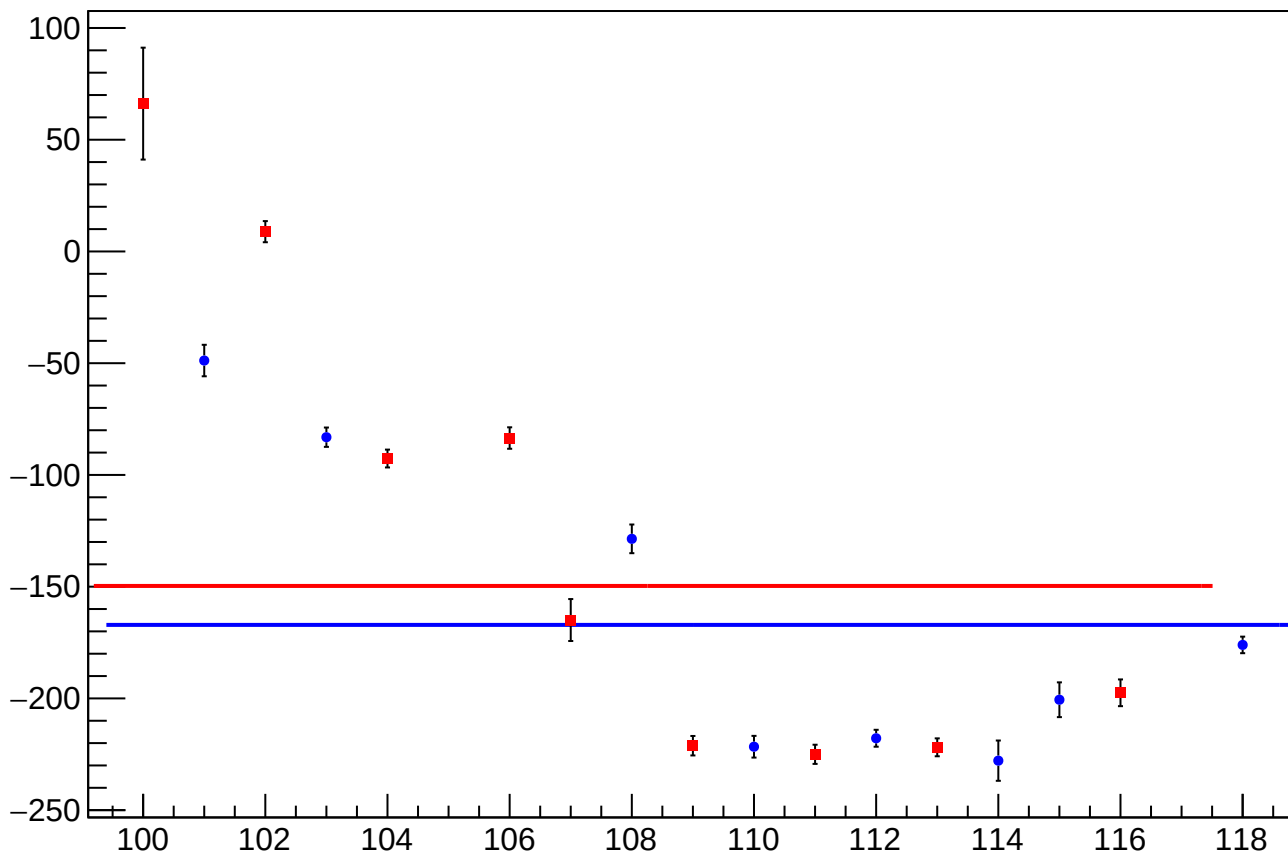
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.257+/-1.186 χ^2/NDF : 128.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -167.103 ± 1.791 $\chi^2/\text{NDF}: 1070.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -149.672 ± 1.665 $\chi^2/\text{NDF}: 2560.3/8$

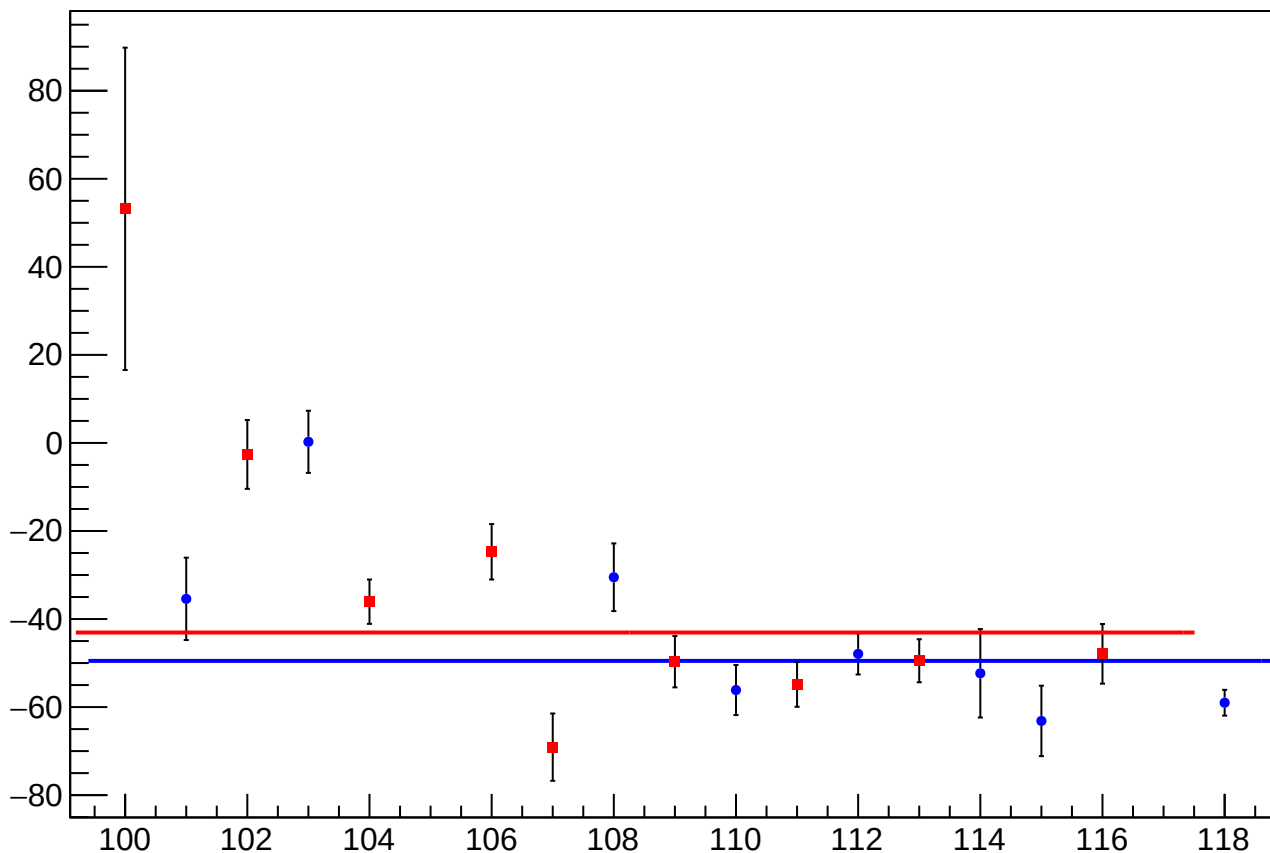
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -157.752 ± 1.219 $\chi^2/\text{NDF}: 3681.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -49.509 ± 1.934 χ^2/NDF : 73.1/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.059 ± 2.082 χ^2/NDF : 64.6/8

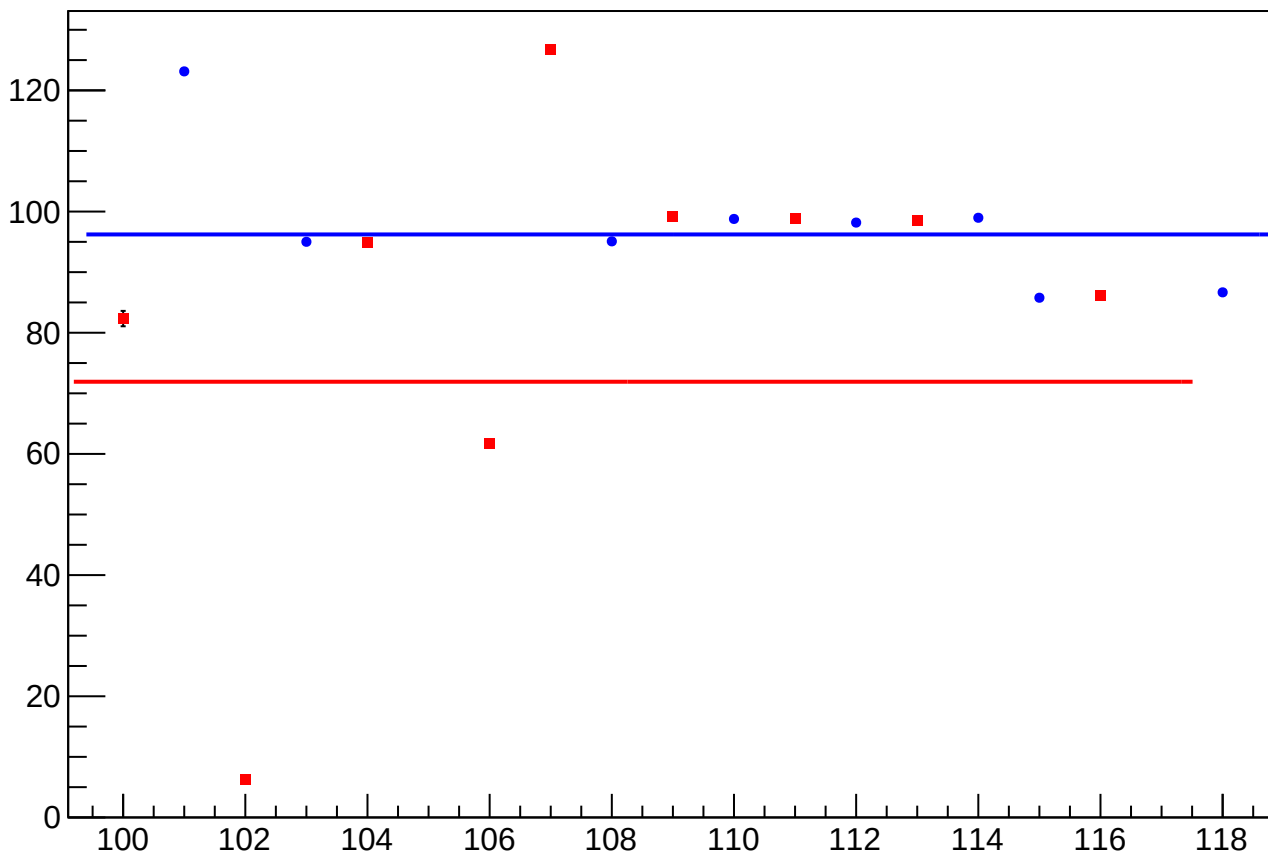
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.521 ± 1.417 χ^2/NDF : 142.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 96.224 $\pm$ 0.108 χ^2 /NDF: 5720.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.913 $\pm$ 0.092 χ^2 /NDF: 165461.6/8

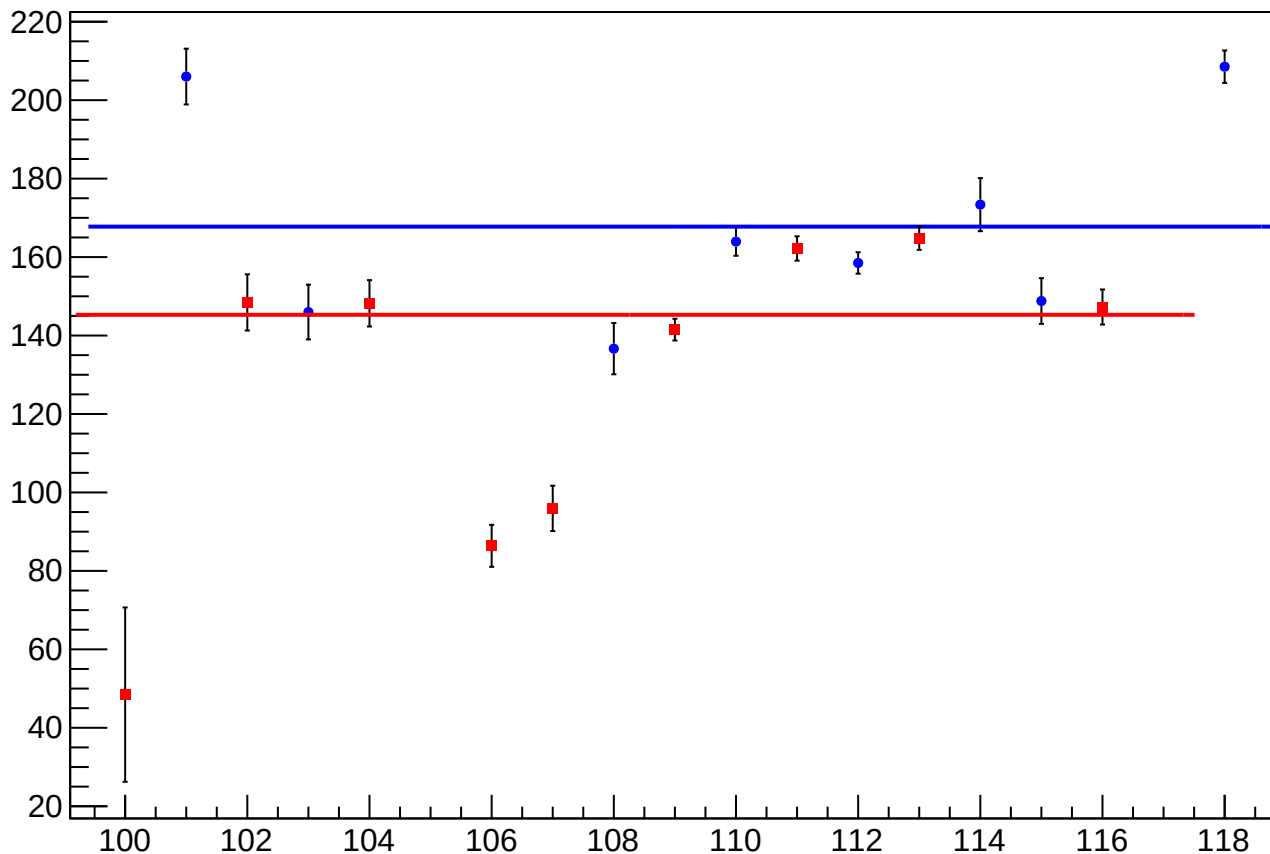
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 82.104 $\pm$ 0.070 χ^2 /NDF: 200414.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



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: 145.283 $\pm$ 1.396 χ^2 /NDF: 288.7/8

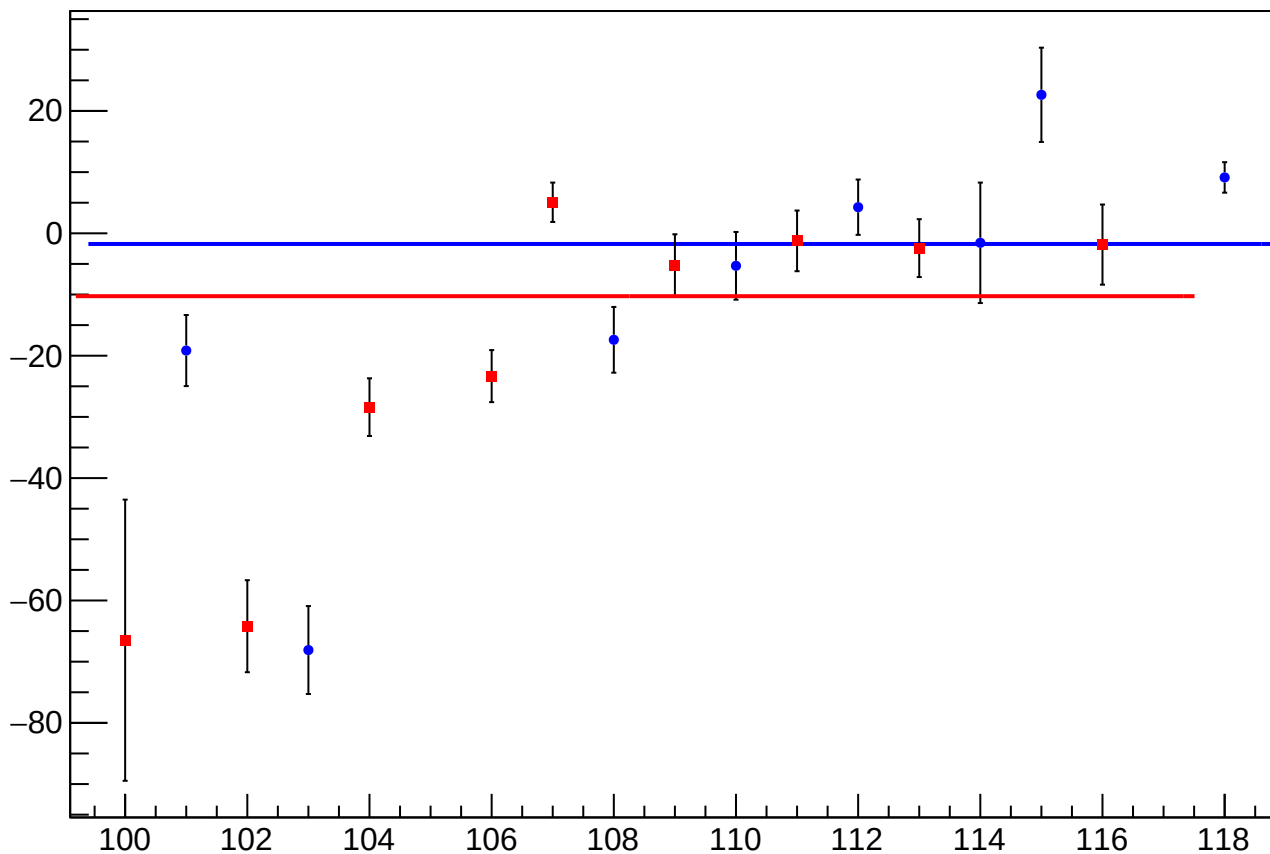
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.911 $\pm$ 1.056 χ^2 /NDF: 582.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



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: -10.272+/-1.656 χ^2 /NDF: 113.2/8

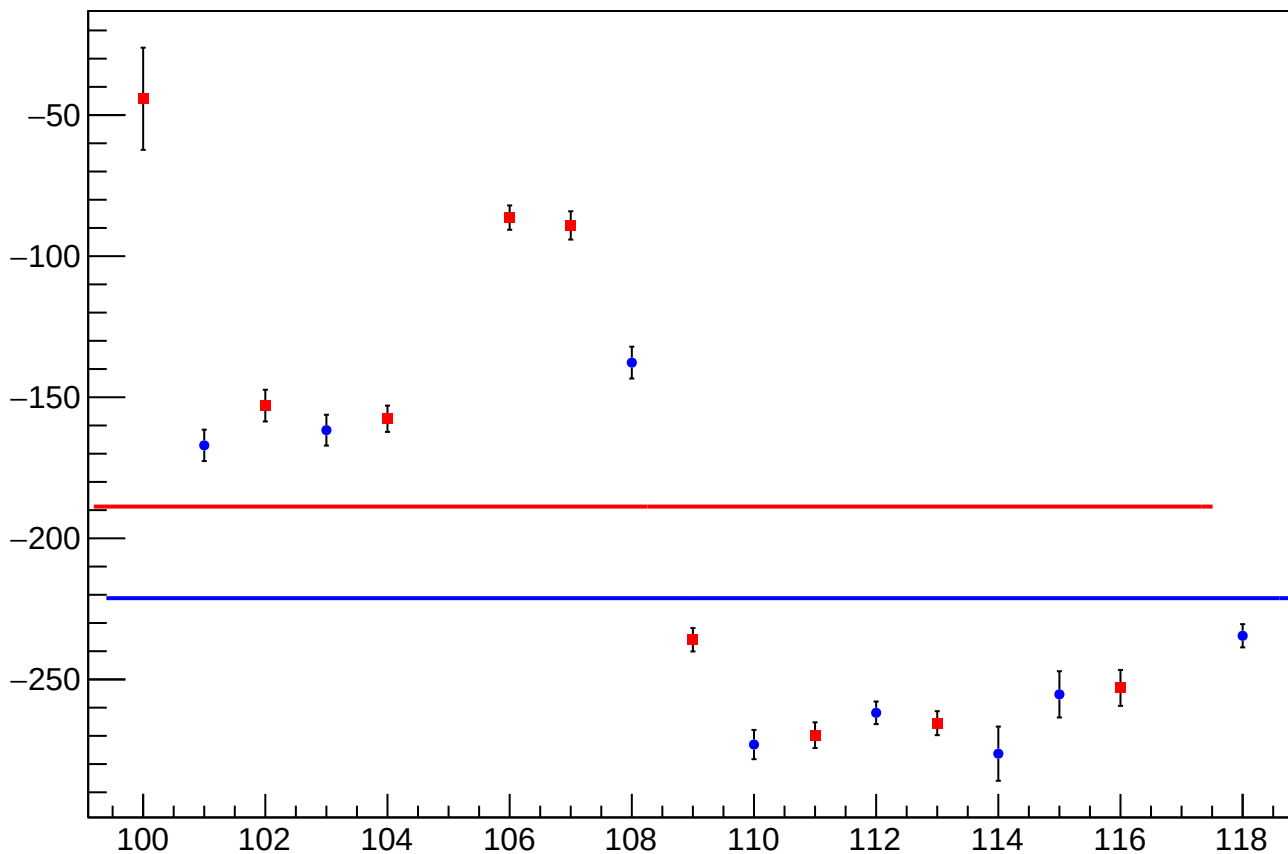
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.071+/-1.180 χ^2 /NDF: 260.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



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: -188.738+/-1.665 χ^2/NDF : 1981.0/8

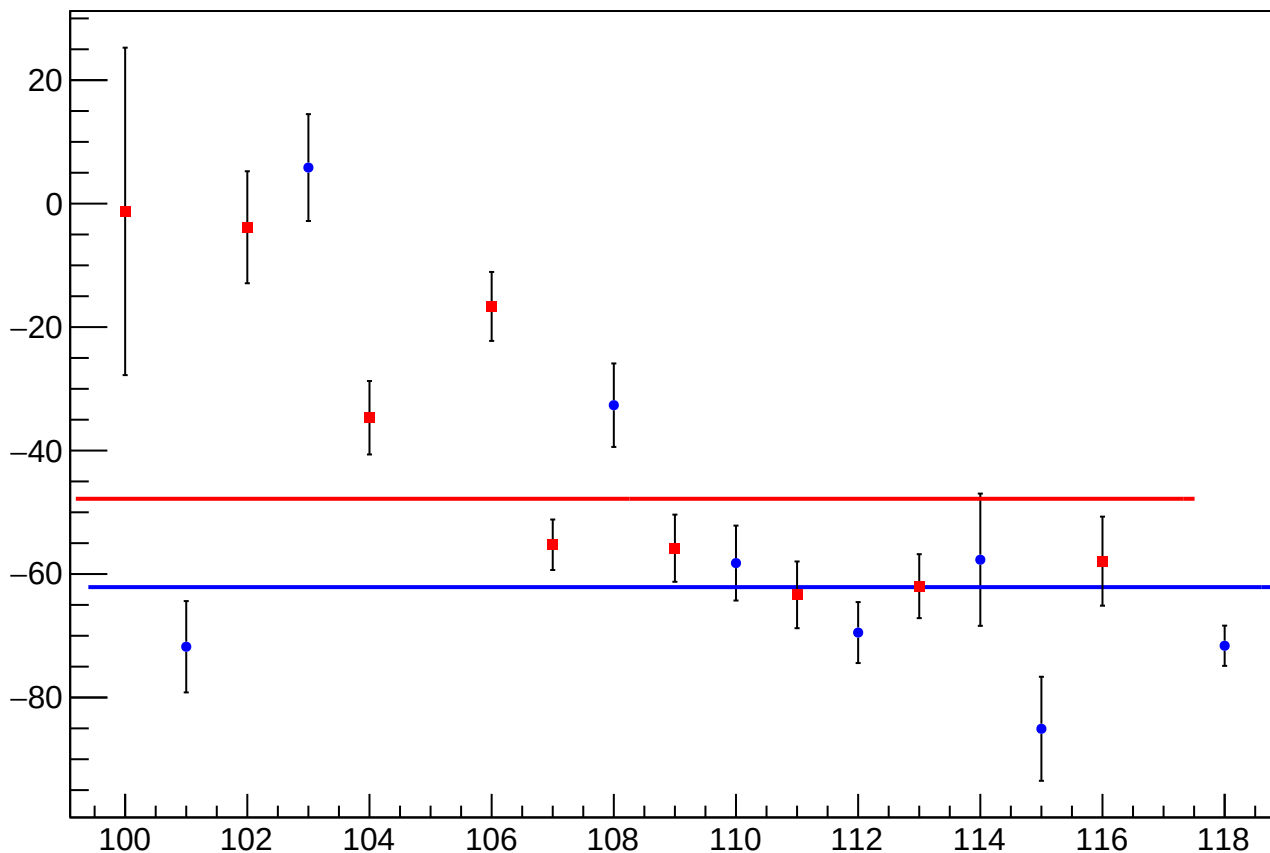
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.976+/-1.248 χ^2/NDF : 2843.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



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: -47.810 ± 1.968 χ^2/NDF : 85.8/8

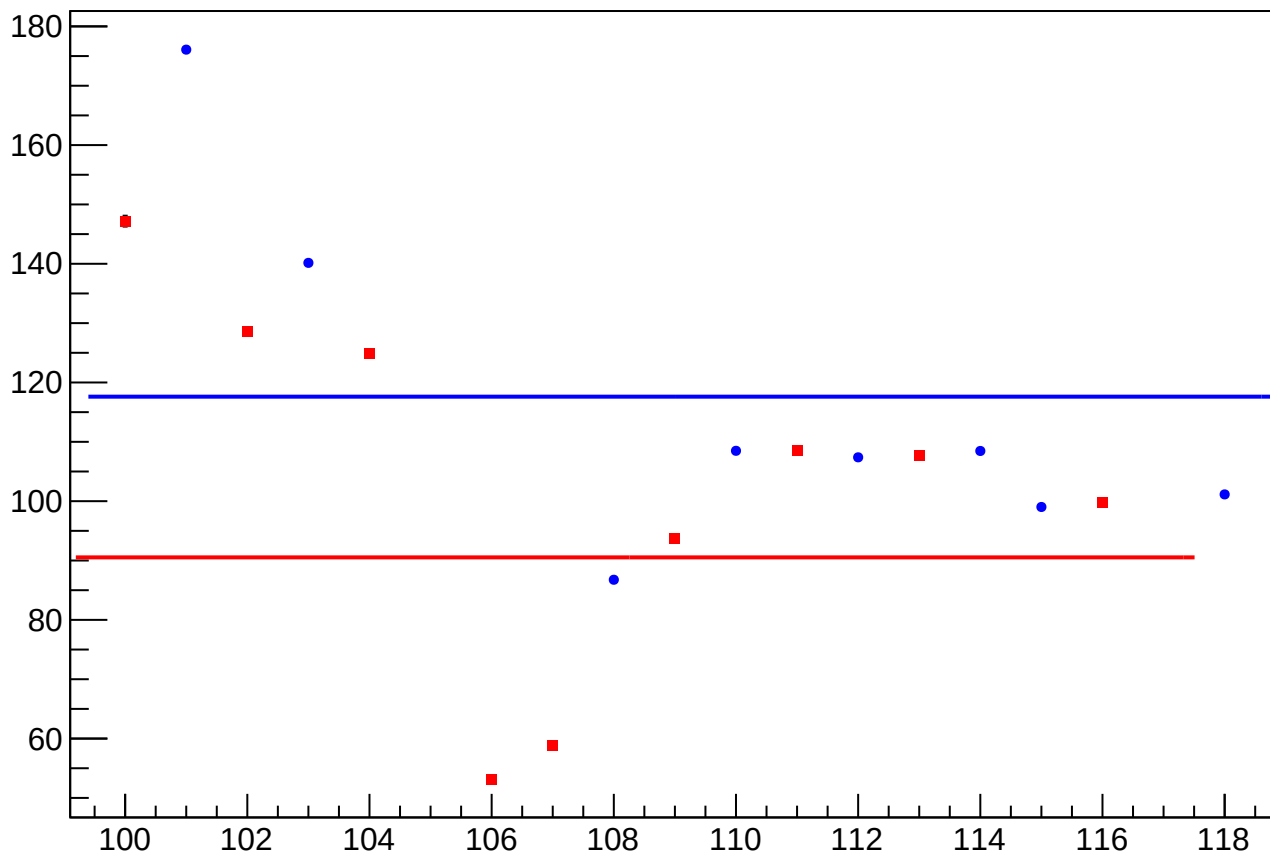
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.683 ± 1.419 χ^2/NDF : 212.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 117.611 $\pm$ 0.115 χ^2 /NDF: 63570.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.531 $\pm$ 0.091 χ^2 /NDF: 118610.6/8

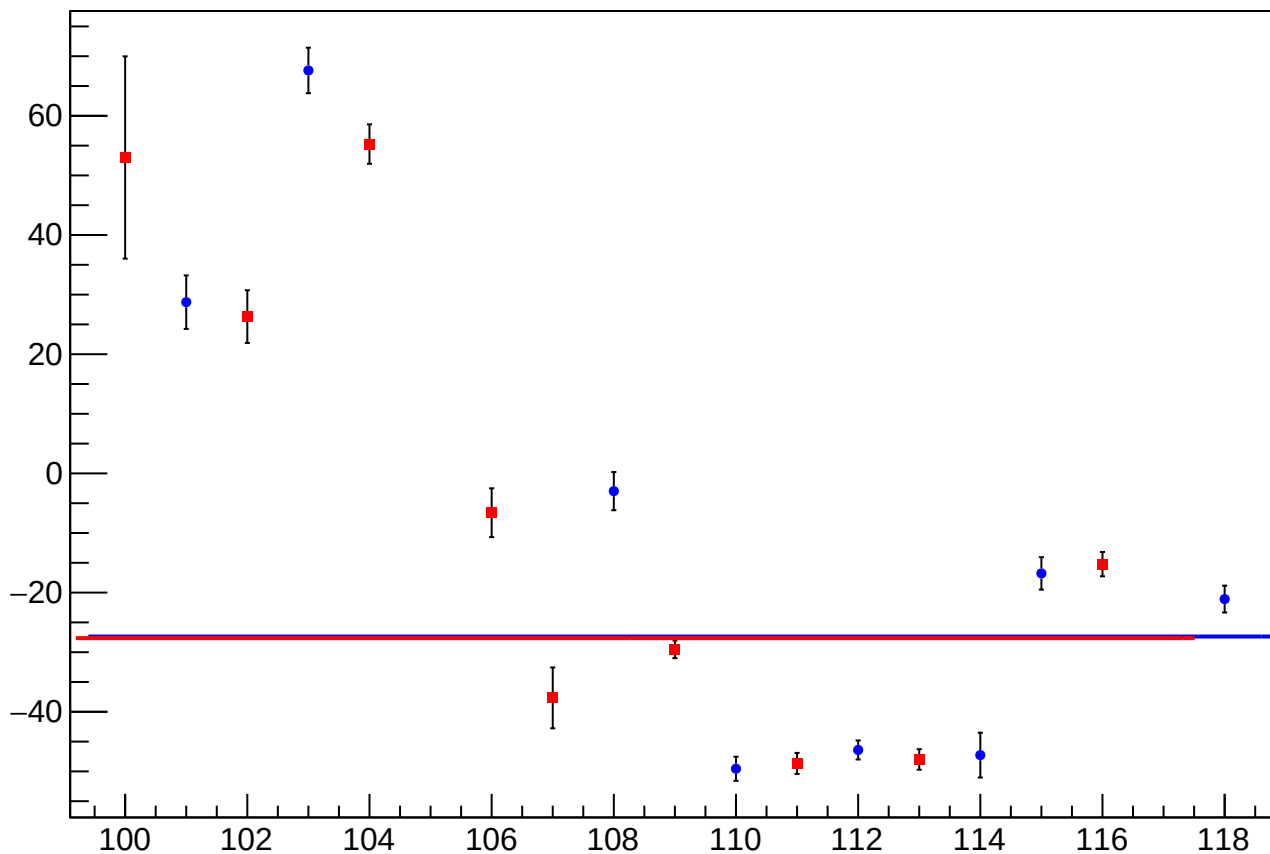
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.975 $\pm$ 0.071 χ^2 /NDF: 216462.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -27.370 $\pm$ 0.892 χ^2 /NDF: 1146.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.637 $\pm$ 0.790 χ^2 /NDF: 1149.8/8

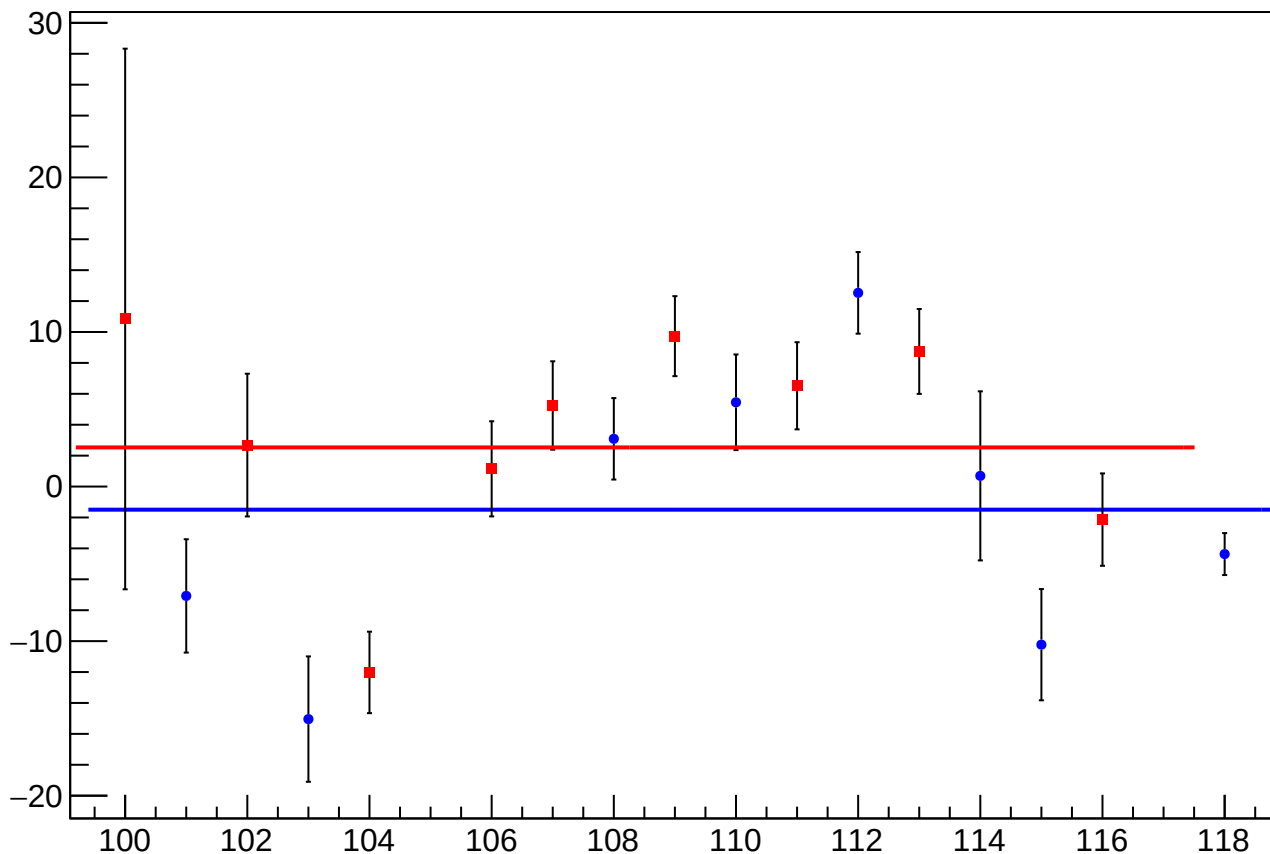
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.520 $\pm$ 0.592 χ^2 /NDF: 2296.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -1.496 $\pm$ 0.920 χ^2 /NDF: 60.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.533 $\pm$ 1.030 χ^2 /NDF: 49.1/8

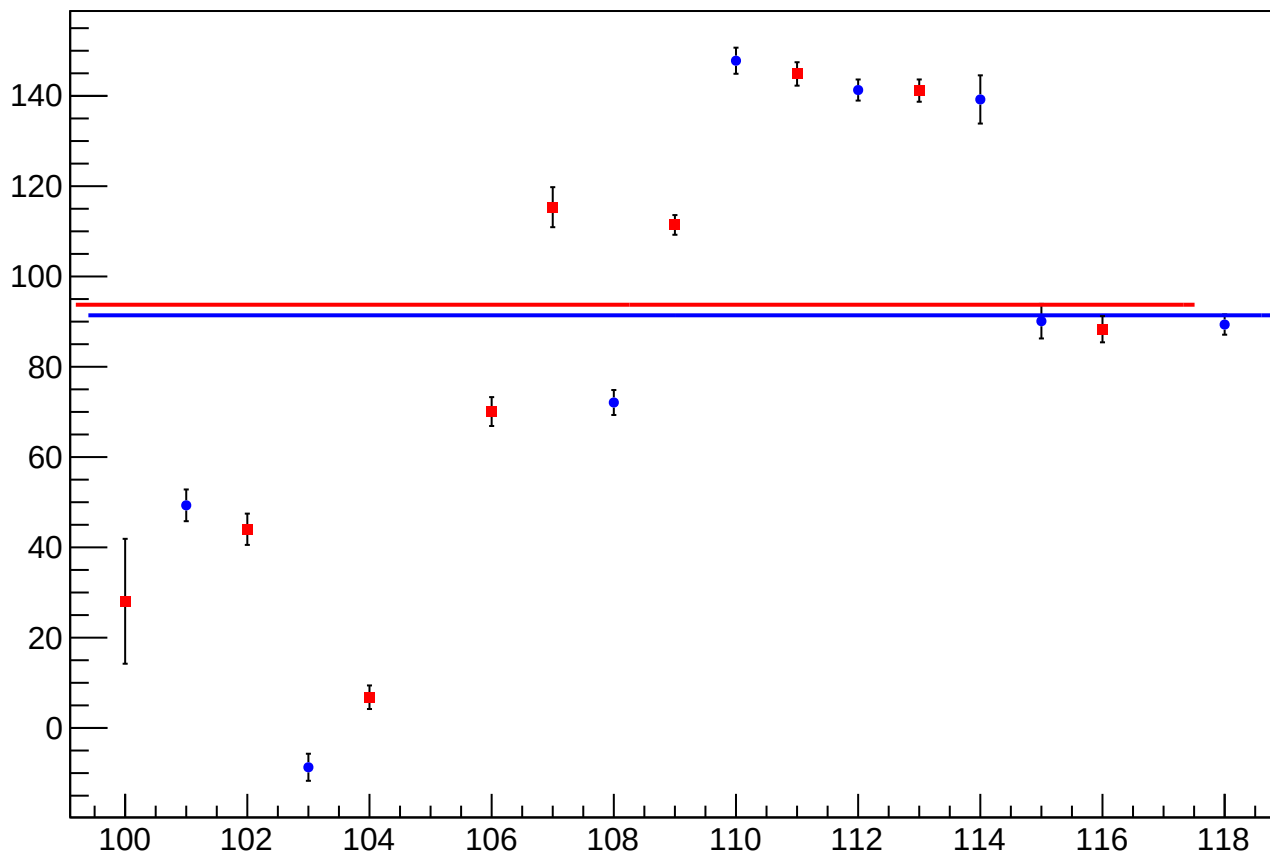
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.686 χ^2 /NDF: 118.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



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: 93.742+/-0.988 χ^2/NDF : 2243.5/8

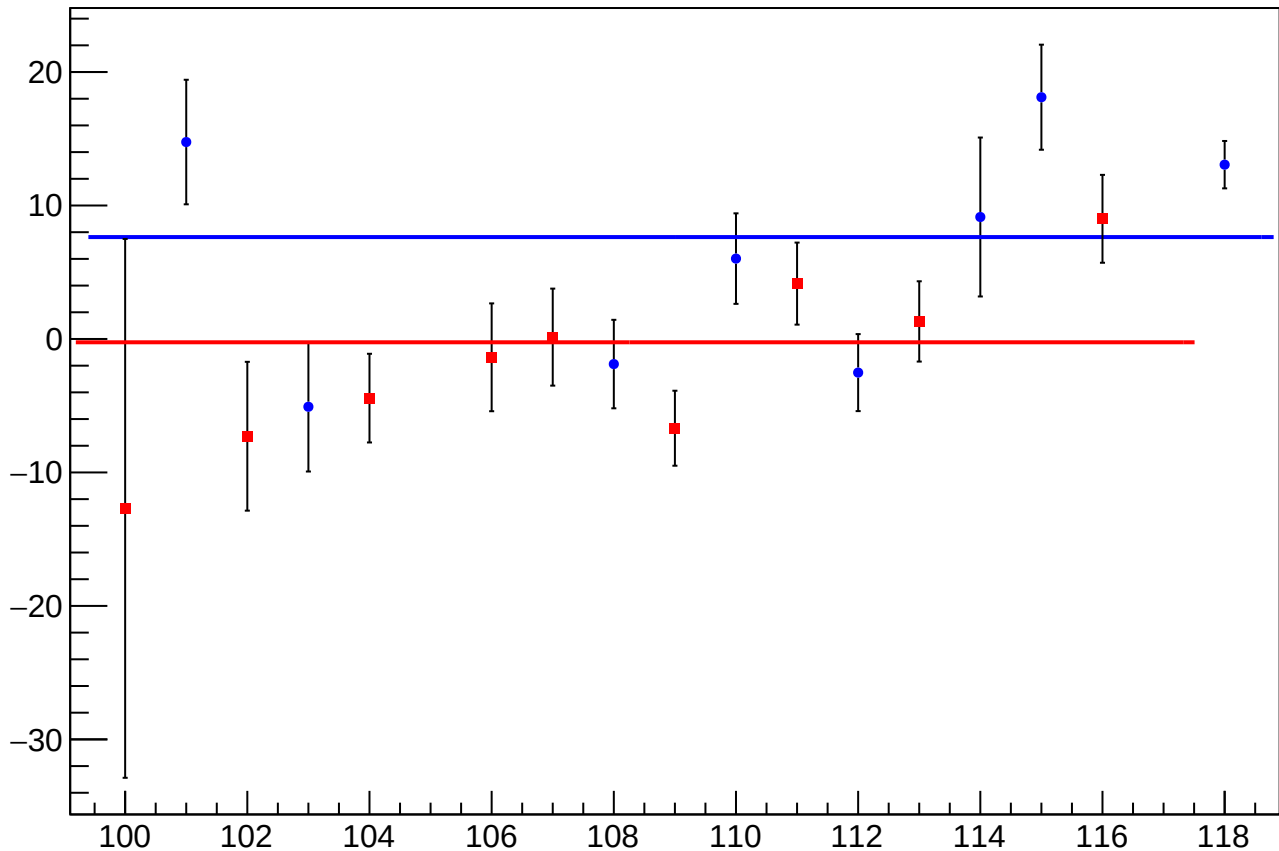
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.629+/-0.716 χ^2/NDF : 4472.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 7.635 $\pm$ 1.120 χ^2 /NDF: 46.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.248 $\pm$ 1.197 χ^2 /NDF: 19.1/8

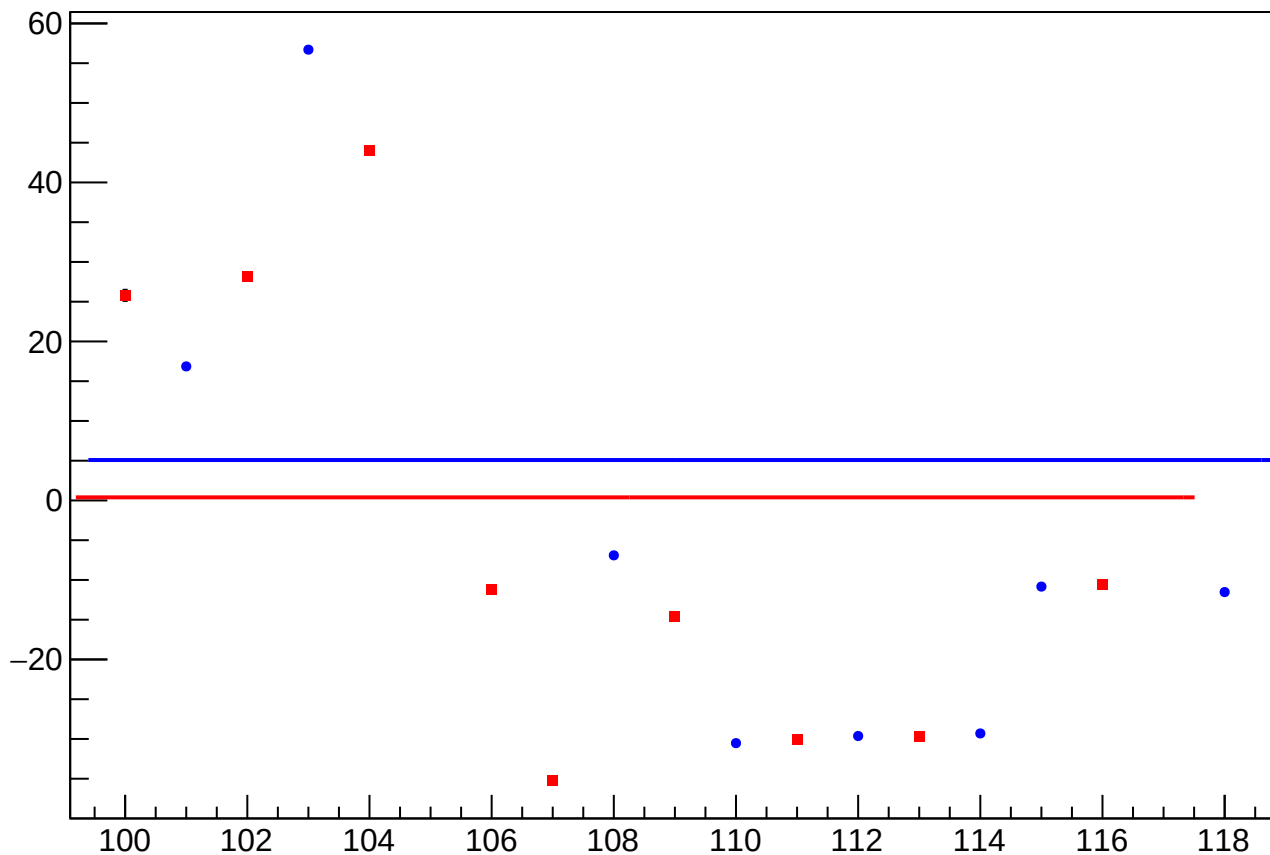
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.954 $\pm$ 0.818 χ^2 /NDF: 88.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm12X_slope vs Slug



Right In: 5.084 $\pm$ 0.062 χ^2 /NDF: 259865.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.389 $\pm$ 0.058 χ^2 /NDF: 259570.7/8

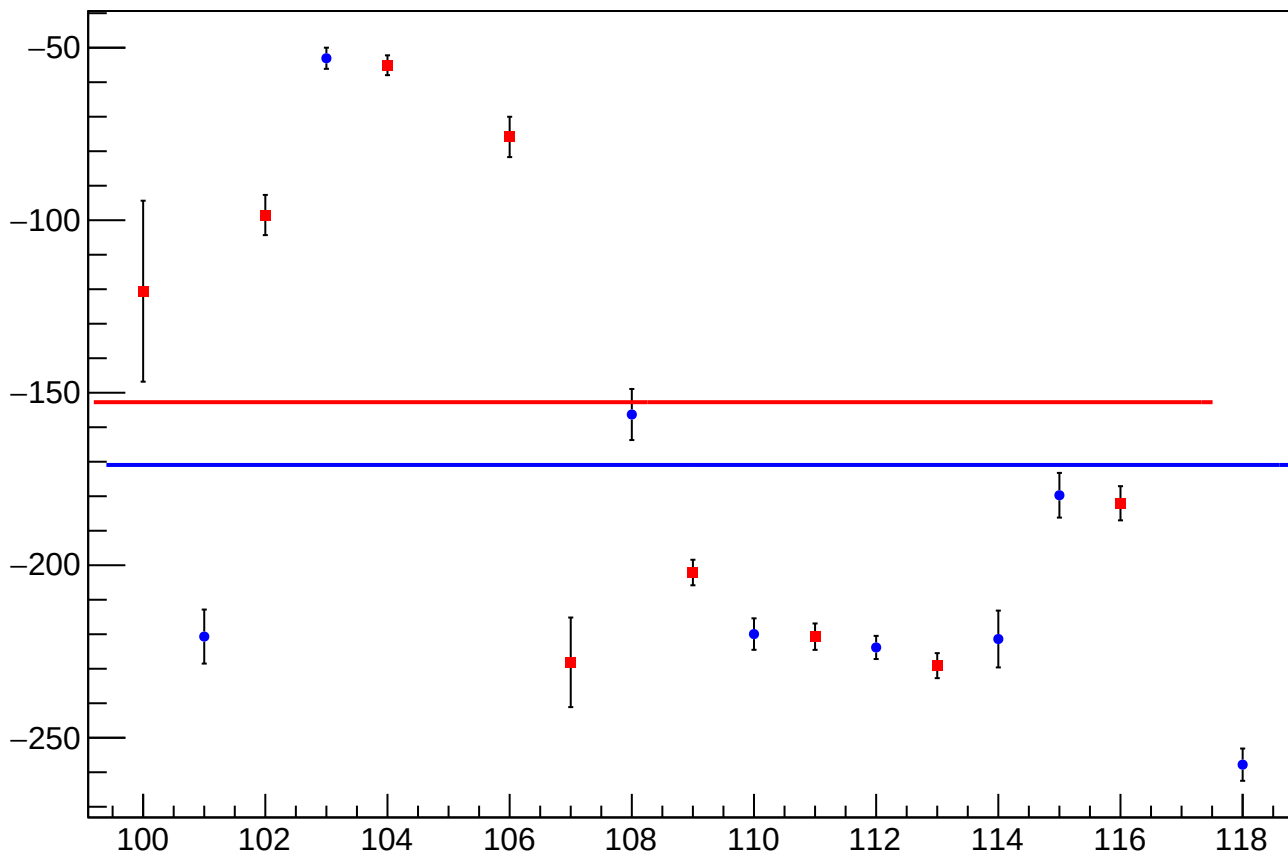
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.595 $\pm$ 0.042 χ^2 /NDF: 522502.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



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: -152.741 ± 1.499 χ^2/NDF : 2420.4/8

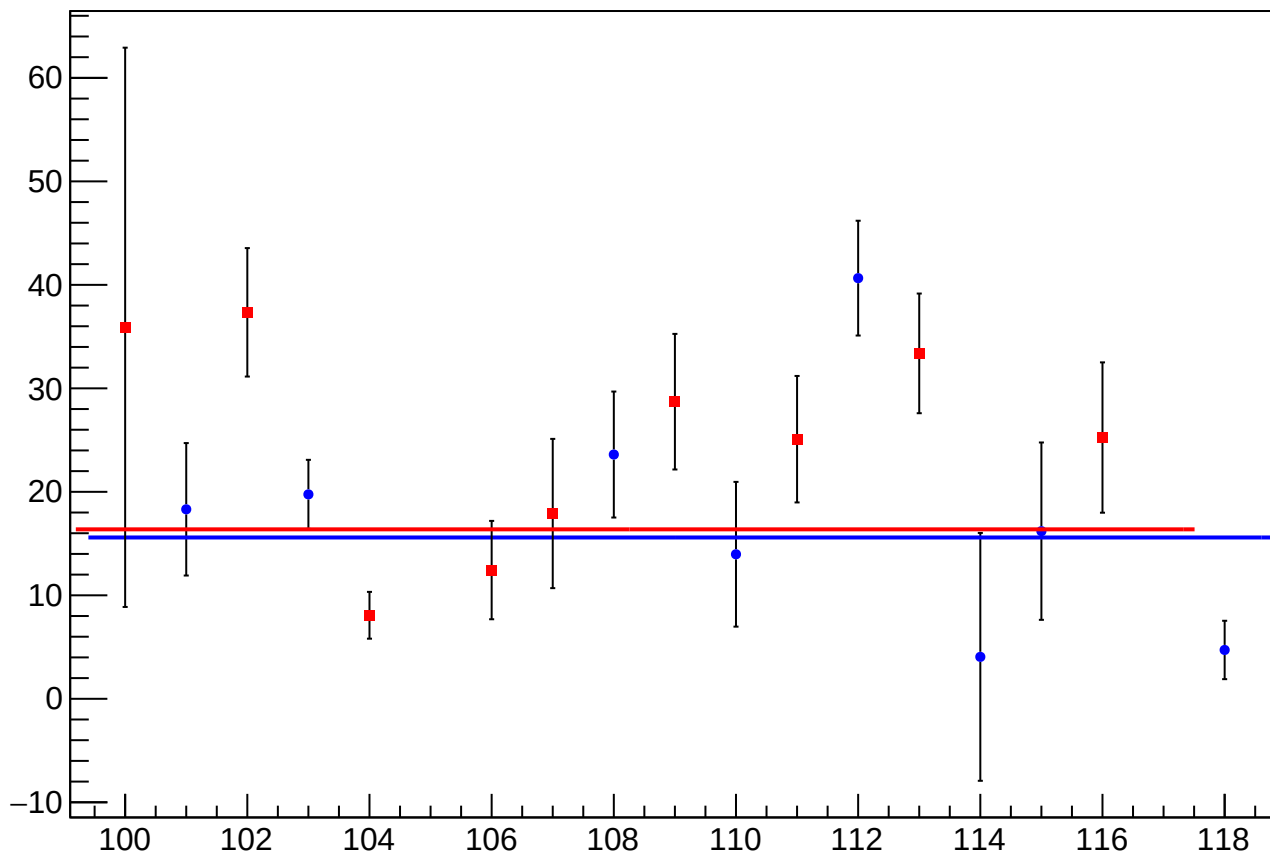
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.898 ± 1.113 χ^2/NDF : 4756.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 15.589 $\pm$ 1.714 χ^2 /NDF: 39.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.375 $\pm$ 1.611 χ^2 /NDF: 41.9/8

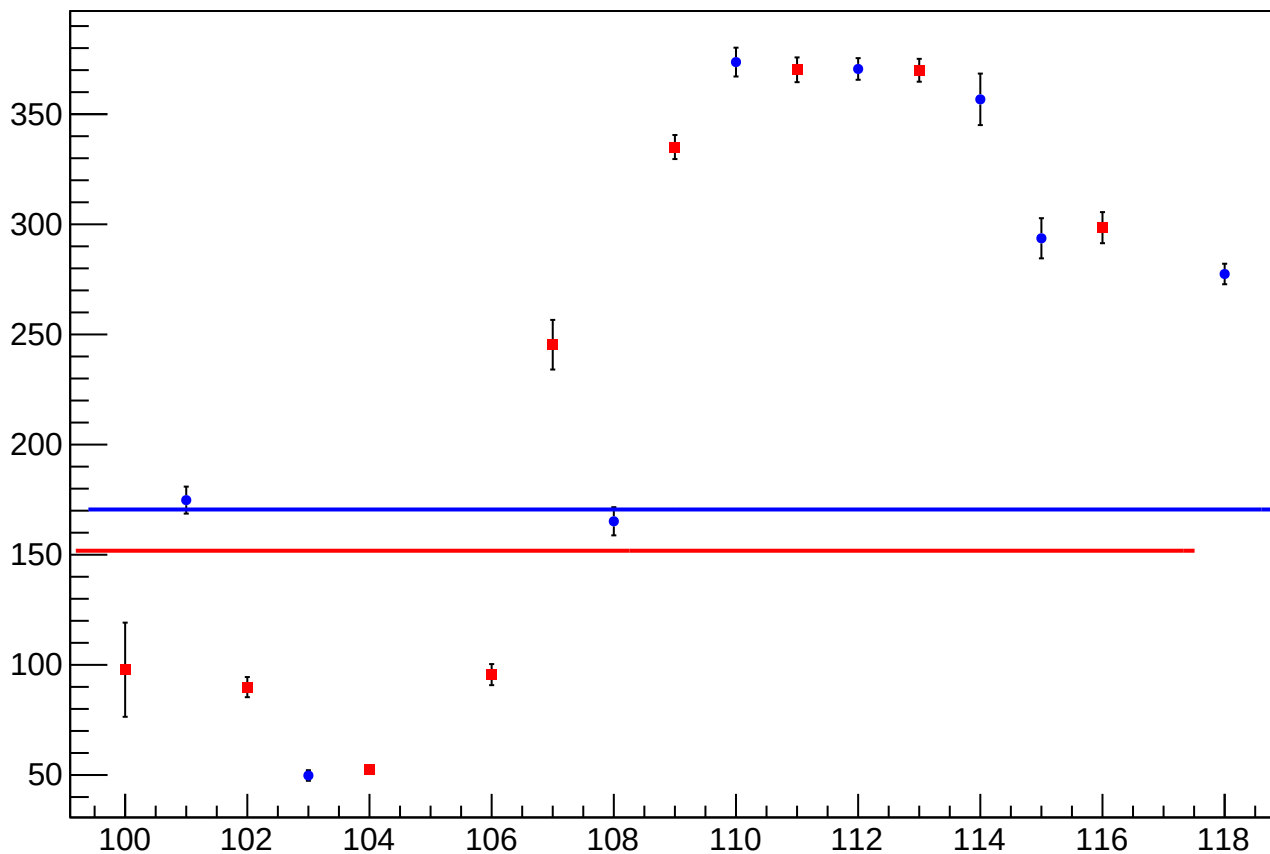
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.007 $\pm$ 1.174 χ^2 /NDF: 81.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 170.539 $\pm$ 1.682 χ^2 /NDF: 6099.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.819 $\pm$ 1.546 χ^2 /NDF: 7142.0/8

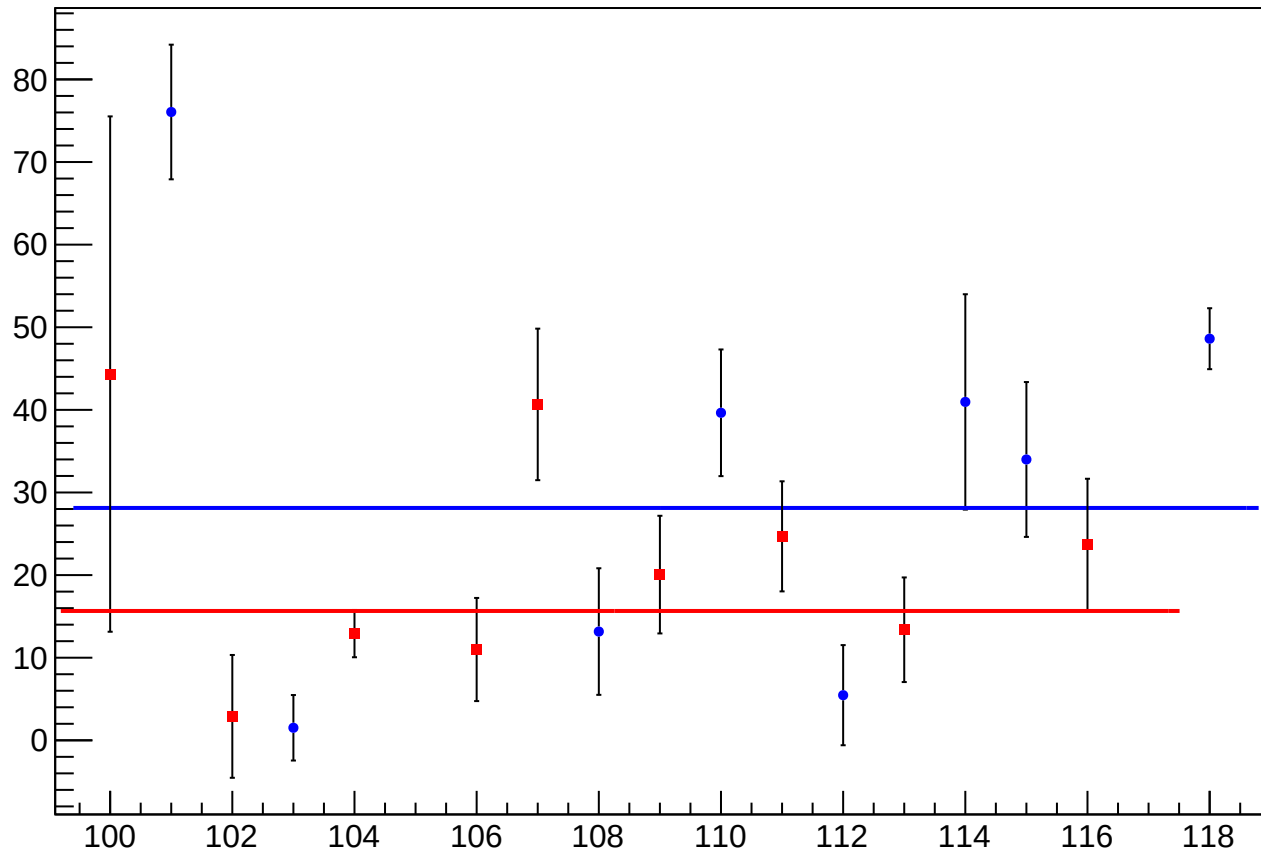
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.394 $\pm$ 1.138 χ^2 /NDF: 13308.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



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: 15.657+/-1.955 χ^2/NDF : 16.1/8

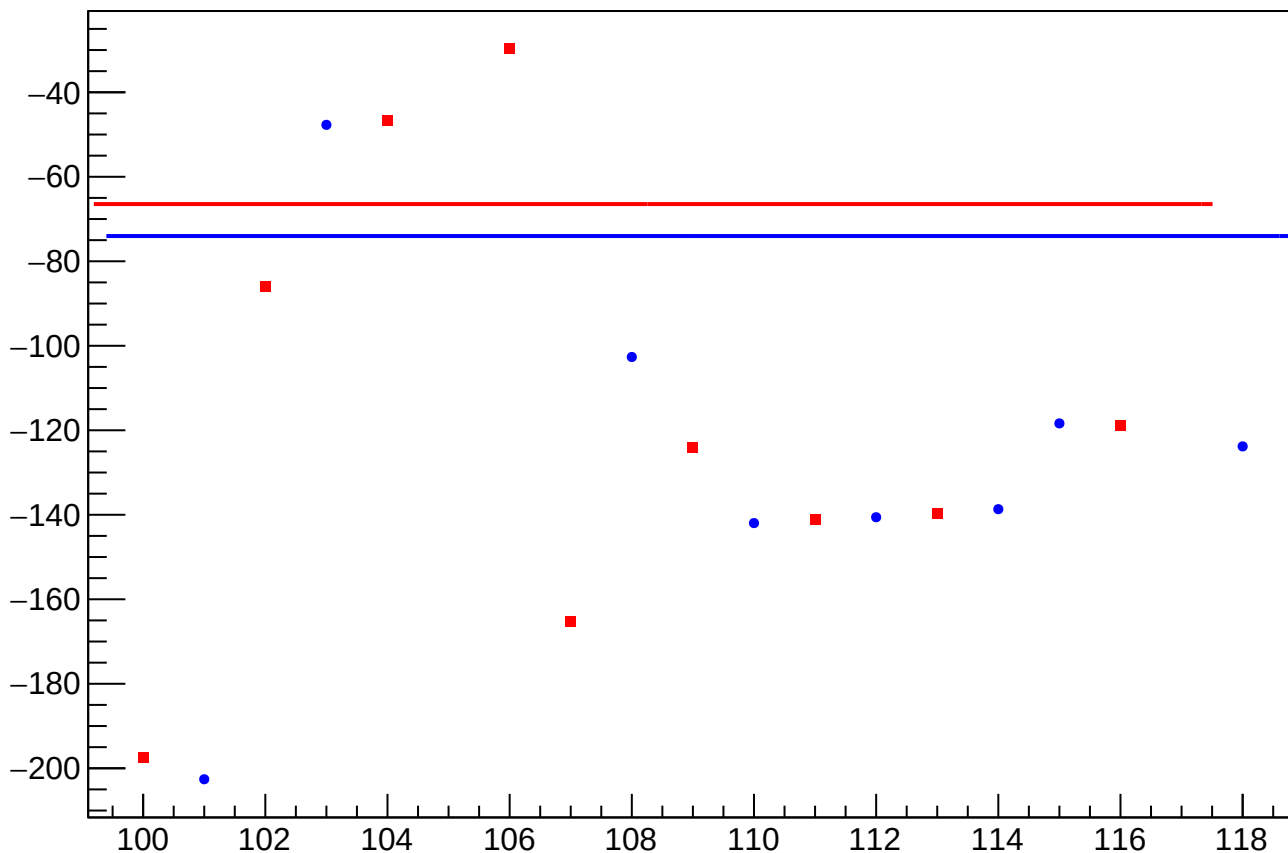
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.501+/-1.425 χ^2/NDF : 167.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



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: -66.459 $\pm$ 0.078 χ^2 /NDF: 232012.6/8

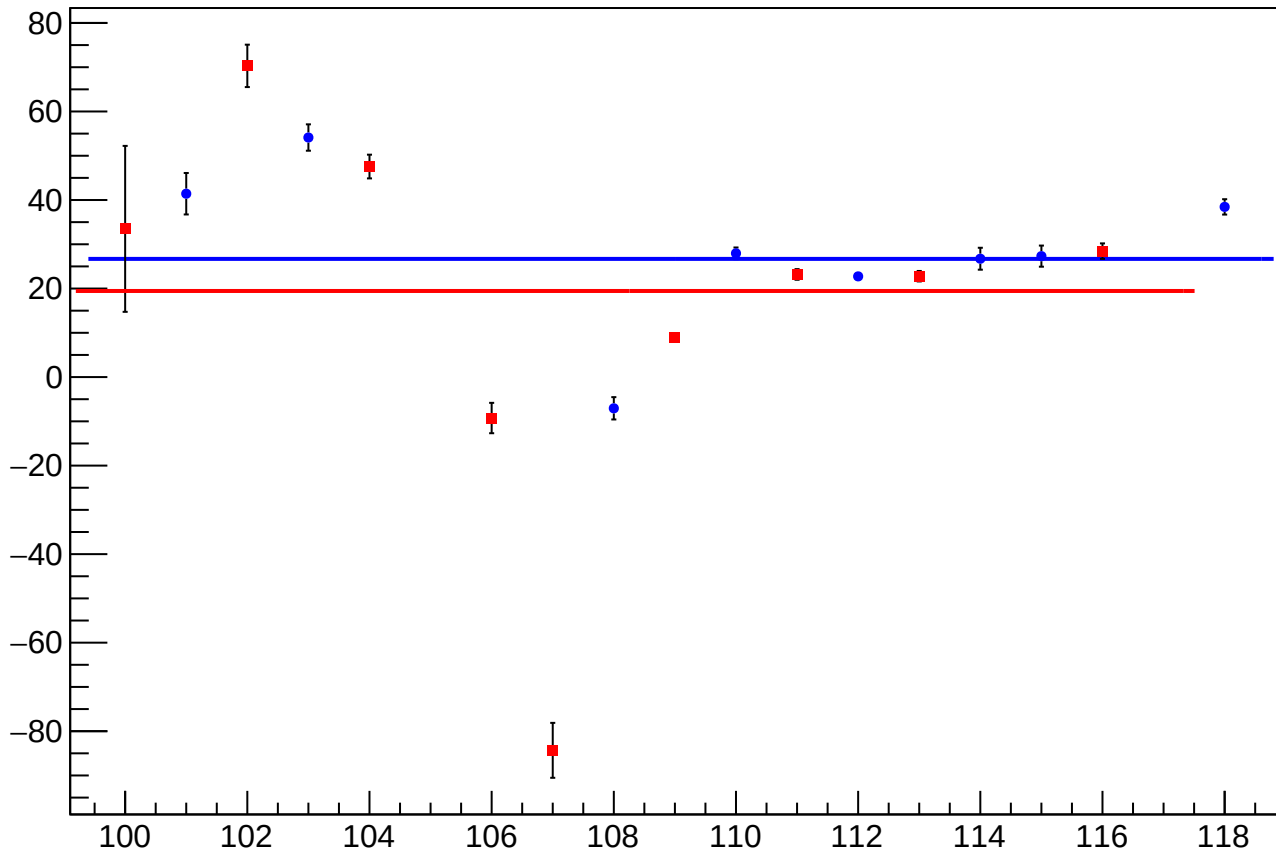
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.992 $\pm$ 0.057 χ^2 /NDF: 515077.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



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: 19.450 $\pm$ 0.589 χ^2 /NDF: 710.9/8

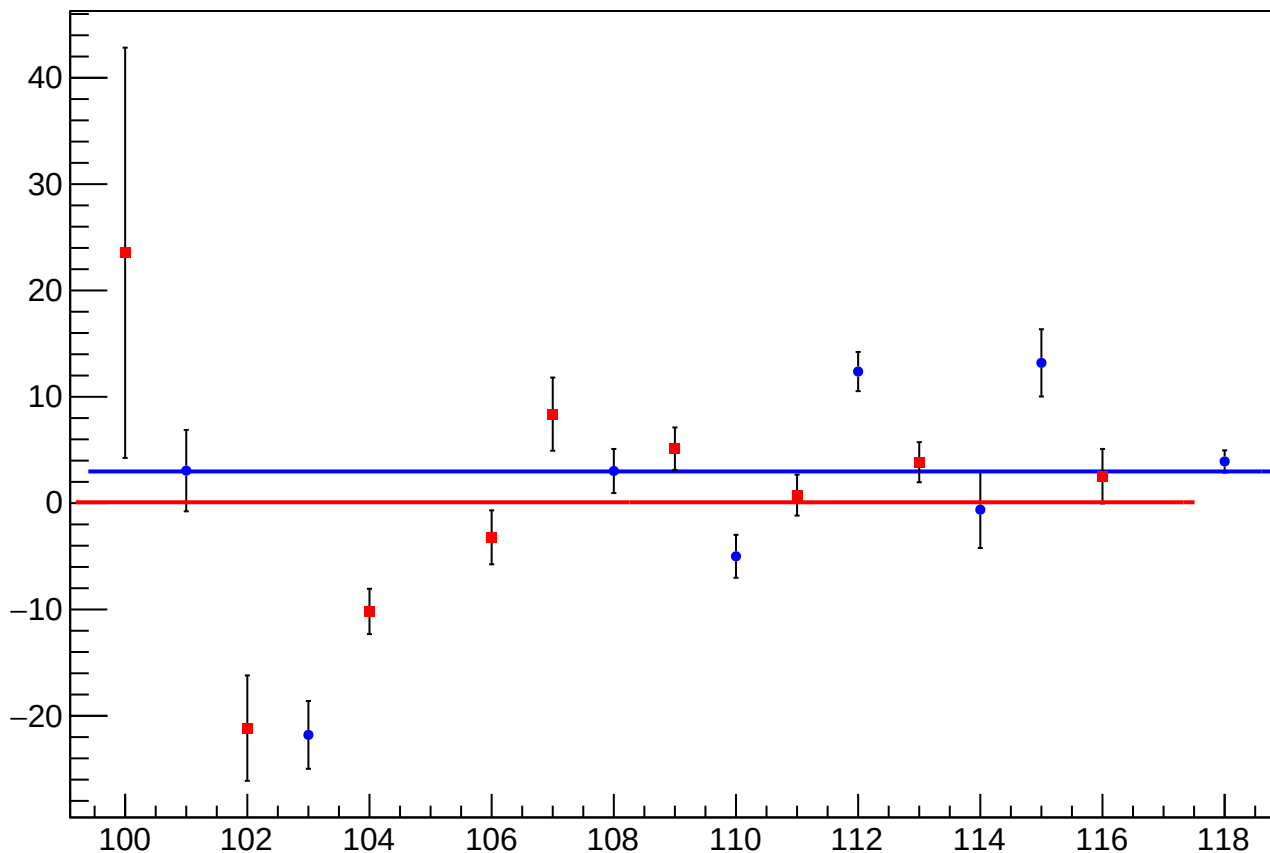
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.720 $\pm$ 0.436 χ^2 /NDF: 1112.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



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: 0.084 $\pm$ 0.828 χ^2 /NDF: 62.0/8

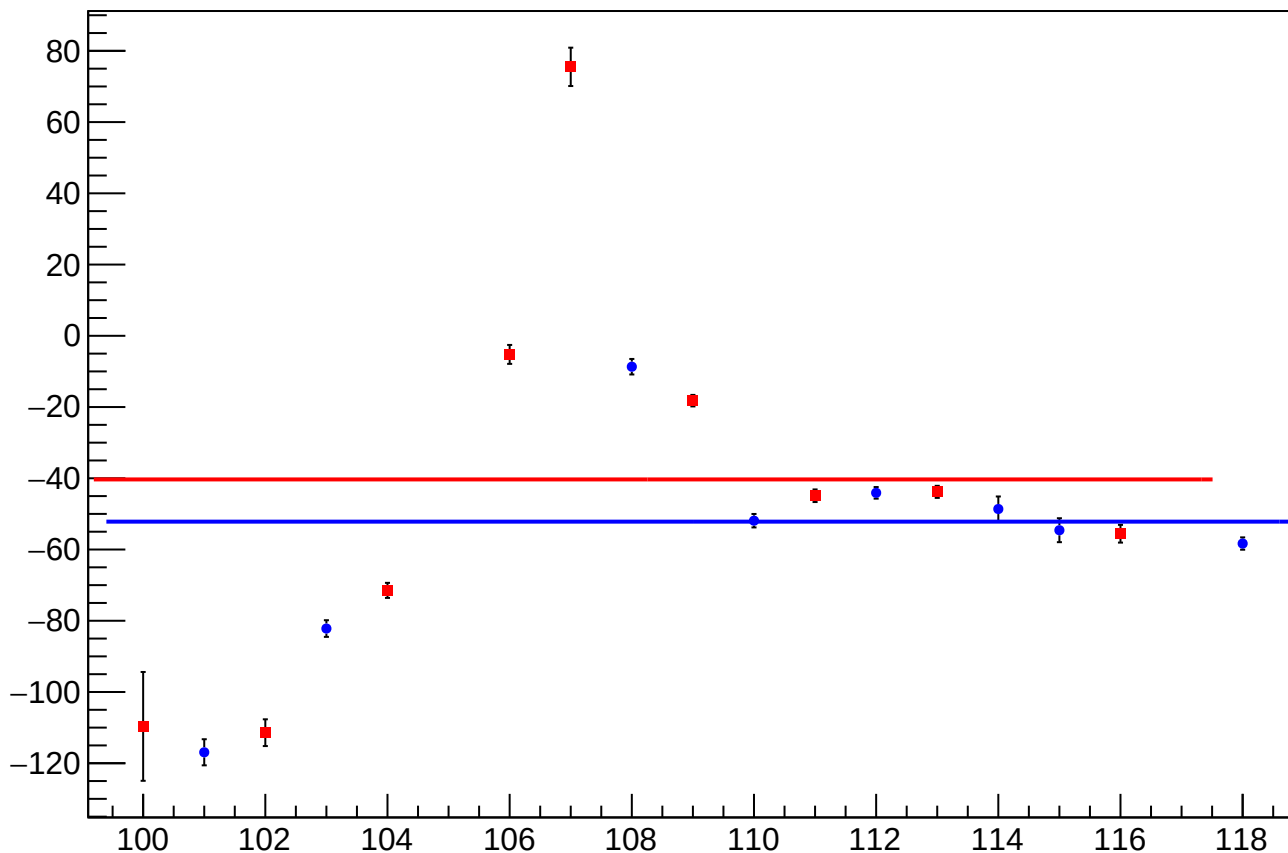
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.772 $\pm$ 0.535 χ^2 /NDF: 183.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



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: -40.322 ± 0.770 χ^2/NDF : 1469.2/8

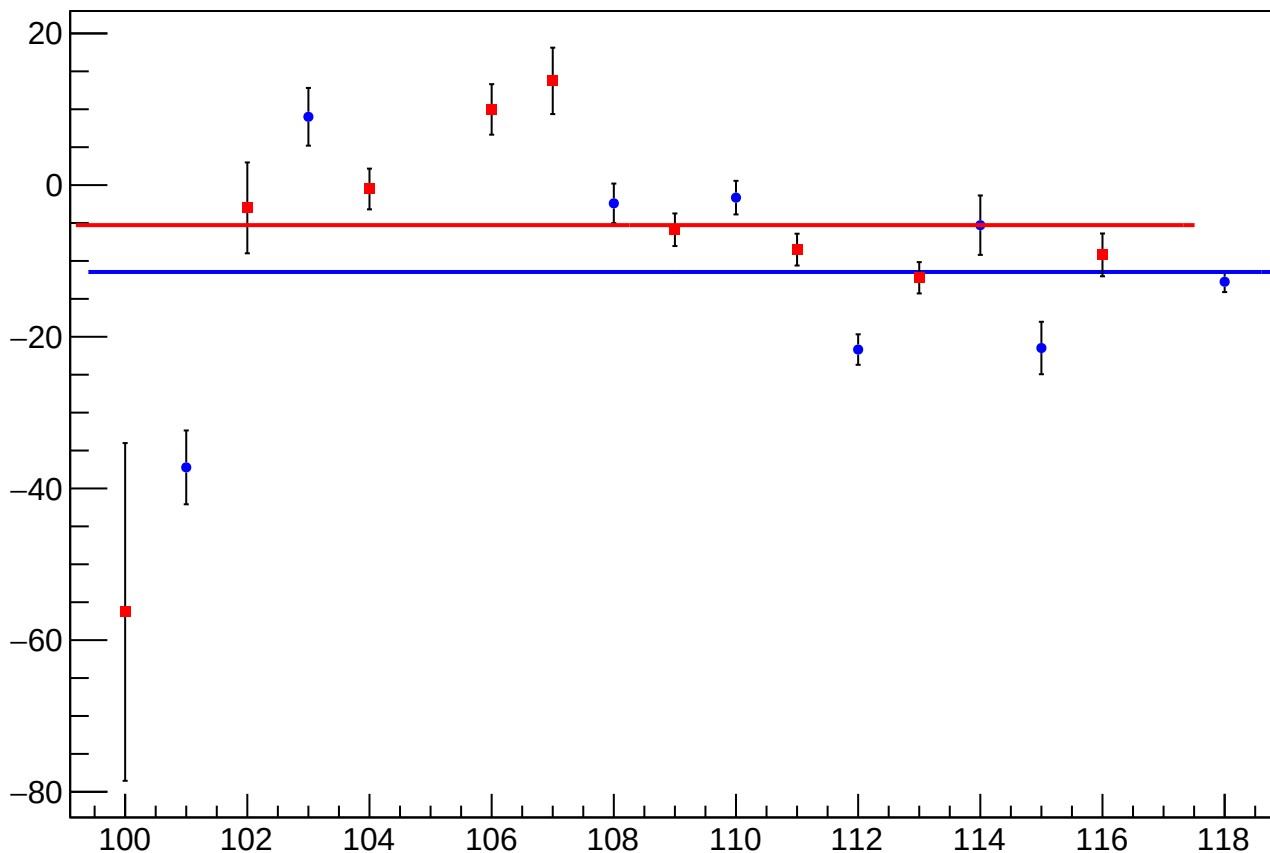
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.145 ± 0.549 χ^2/NDF : 2500.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



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: -5.276 ± 0.947 χ^2/NDF : 64.1/8

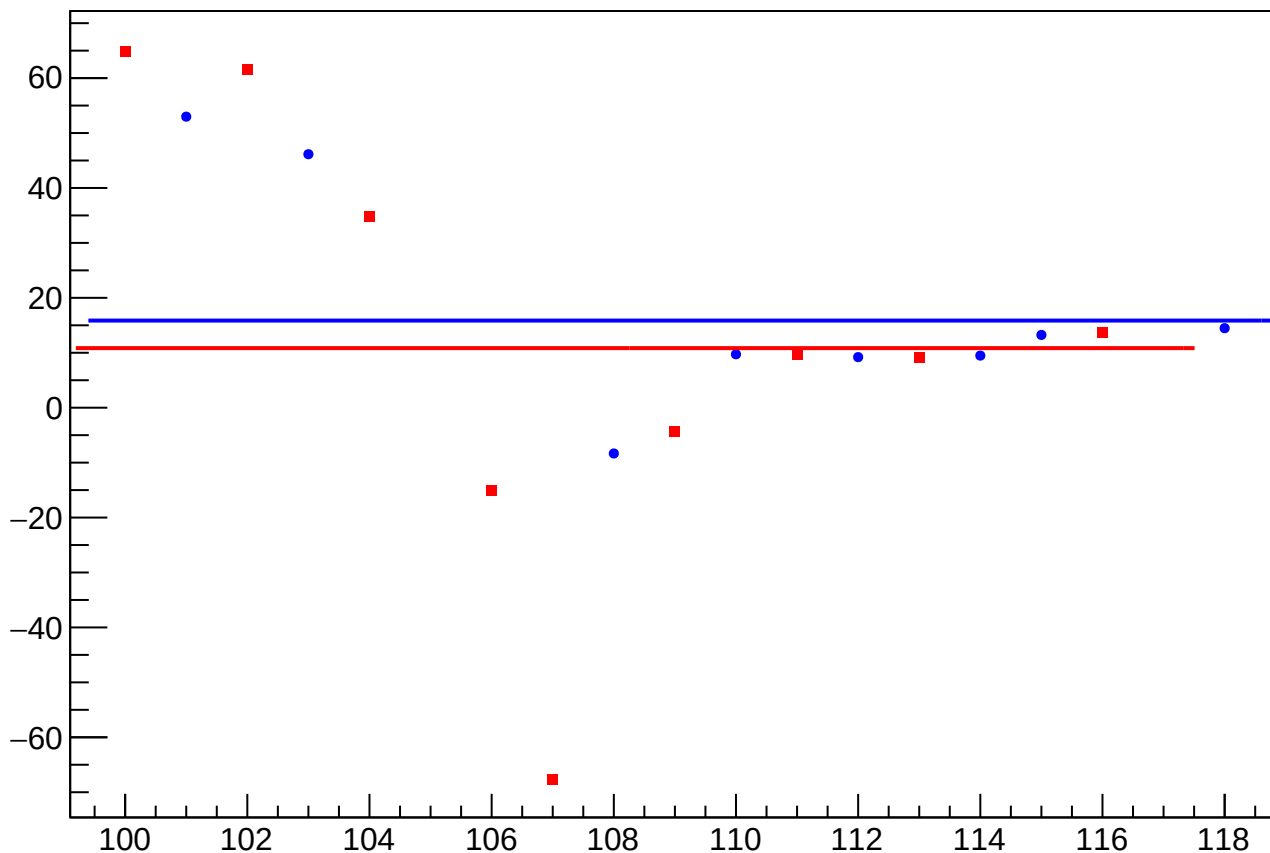
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.713 ± 0.631 χ^2/NDF : 214.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 15.861 $\pm$ 0.048 χ^2 /NDF: 204190.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.846 $\pm$ 0.048 χ^2 /NDF: 342255.6/8

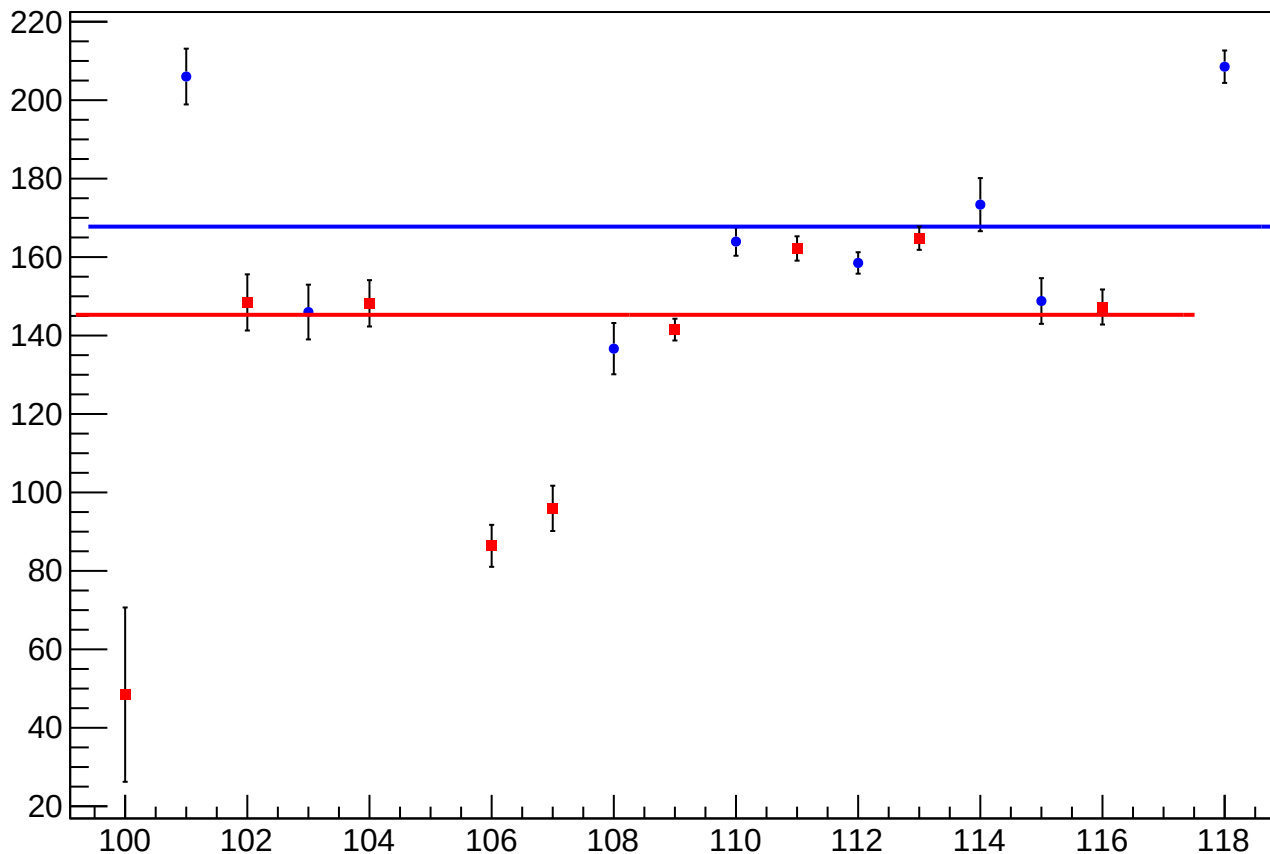
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.385 $\pm$ 0.034 χ^2 /NDF: 551898.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



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: 145.283 $\pm$ 1.396 χ^2 /NDF: 288.7/8

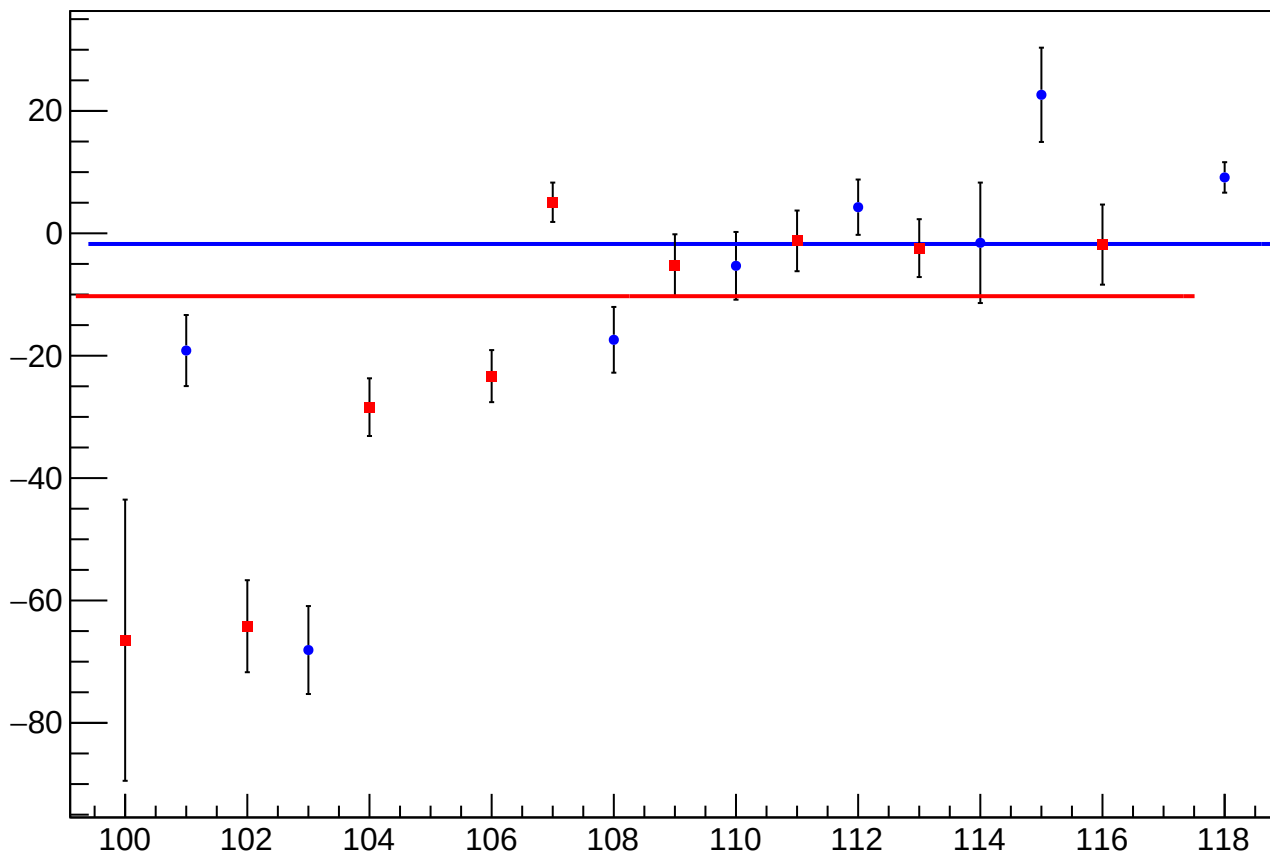
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.911 $\pm$ 1.056 χ^2 /NDF: 582.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



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: -10.272+/-1.656 χ^2/NDF : 113.2/8

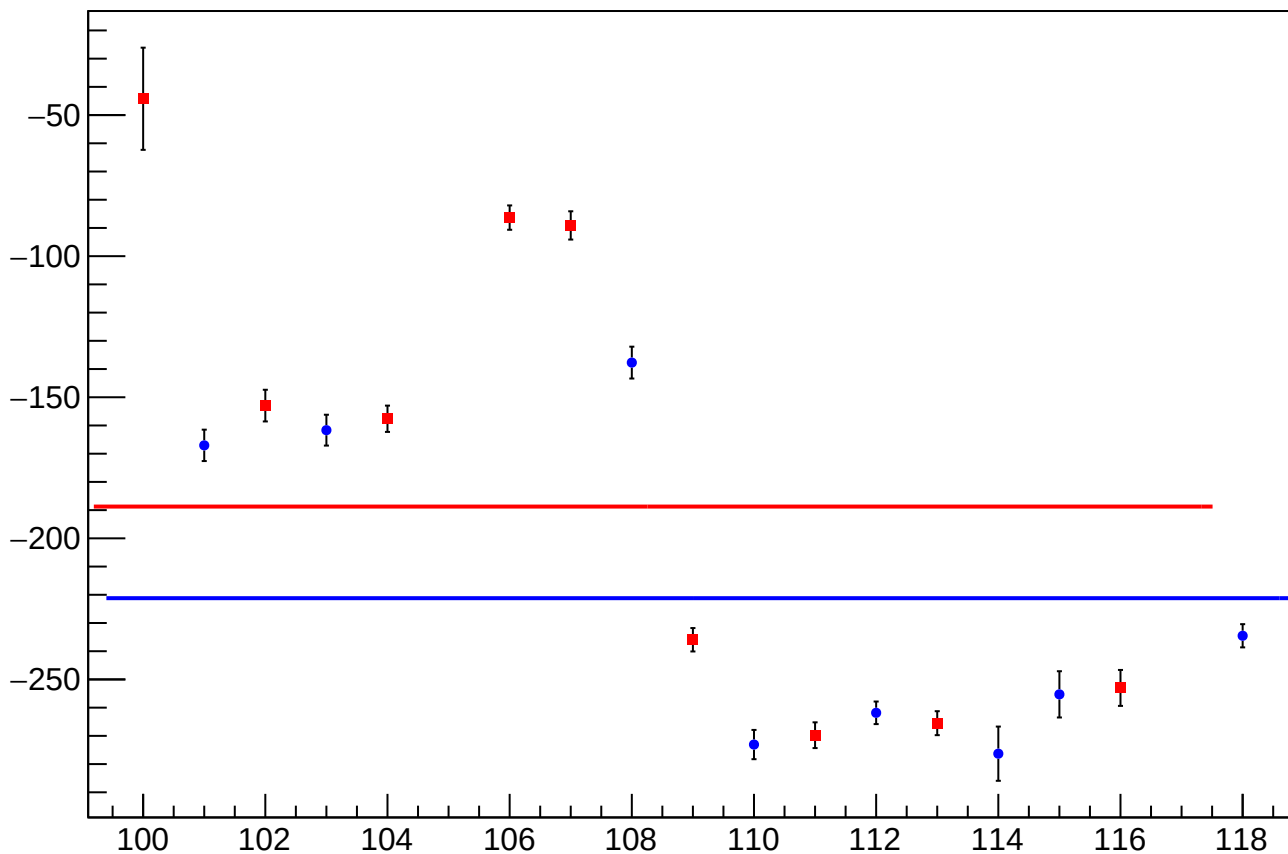
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.071+/-1.180 χ^2/NDF : 260.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -221.204 $\pm$ 1.884 χ^2 /NDF: 696.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -188.738 $\pm$ 1.665 χ^2 /NDF: 1981.0/8

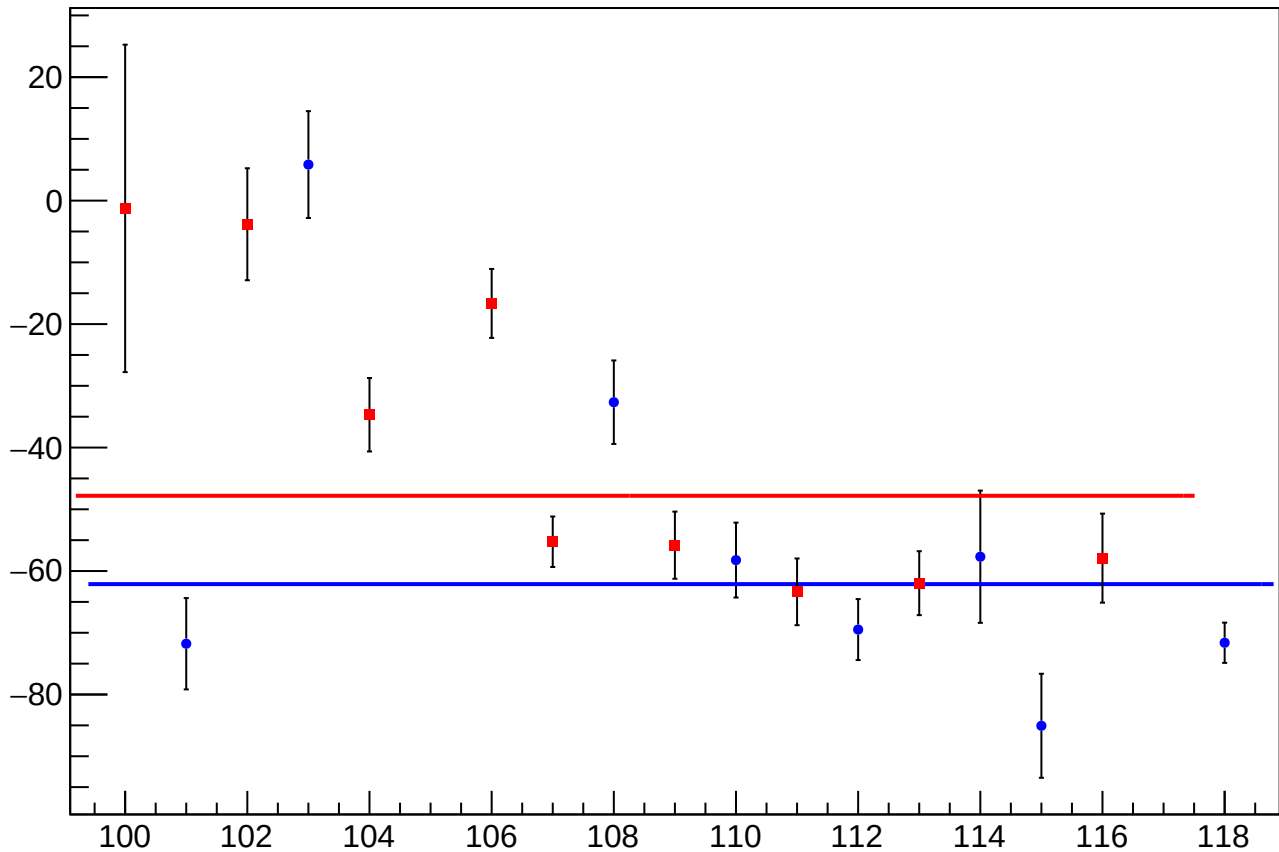
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.976 $\pm$ 1.248 χ^2 /NDF: 2843.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug



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: -47.810 ± 1.968 χ^2/NDF : 85.8/8

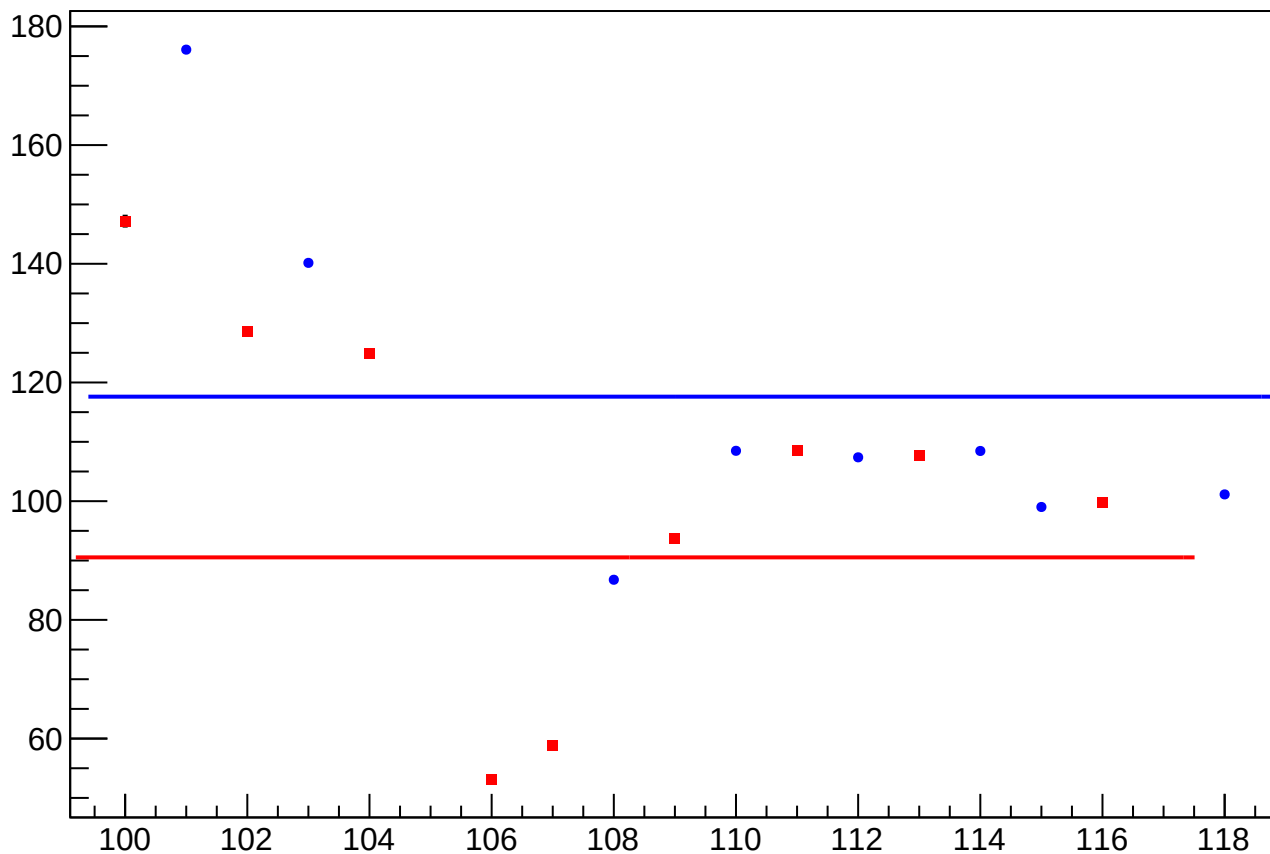
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.683 ± 1.419 χ^2/NDF : 212.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug



Right In: 117.611 $\pm$ 0.115 χ^2 /NDF: 63570.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.531 $\pm$ 0.091 χ^2 /NDF: 118610.6/8

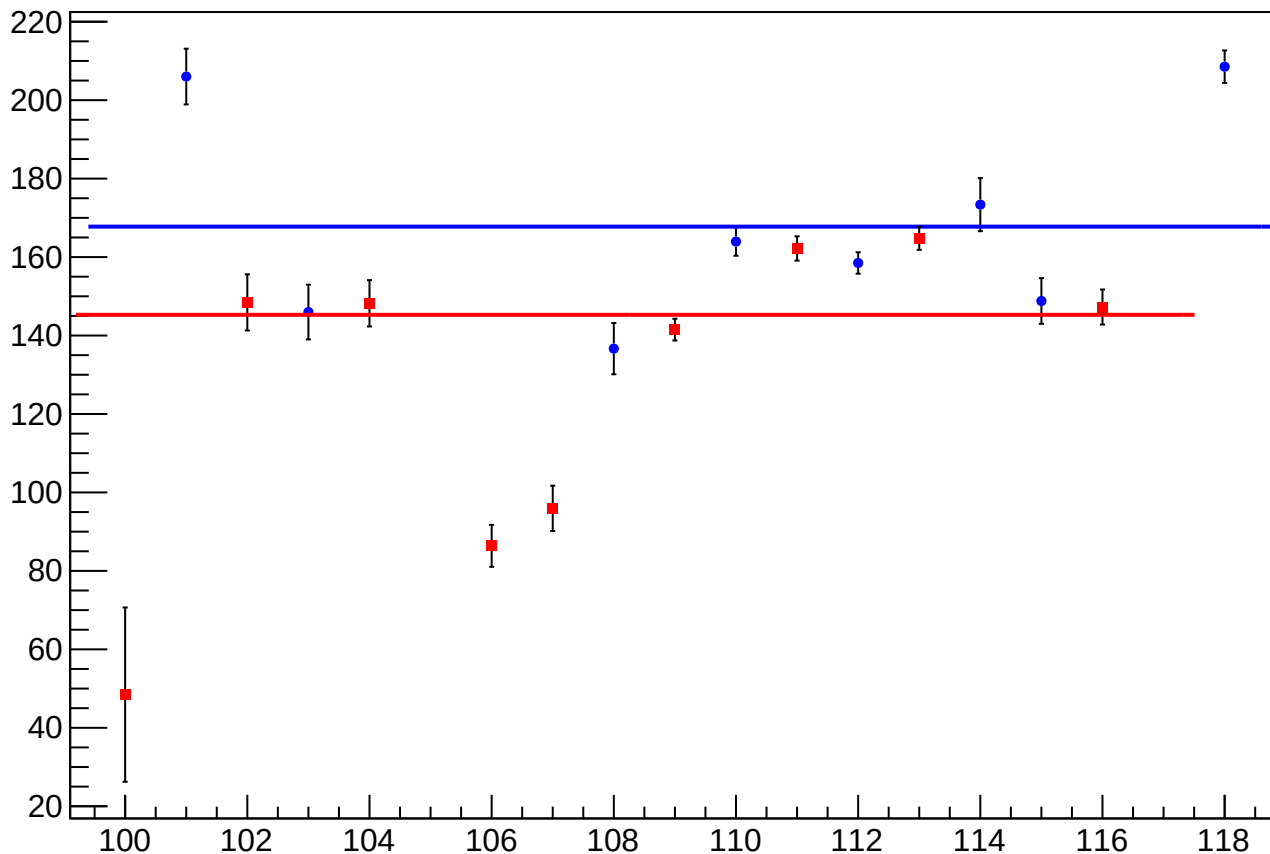
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.975 $\pm$ 0.071 χ^2 /NDF: 216462.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug



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: 145.283 $\pm$ 1.396 χ^2 /NDF: 288.7/8

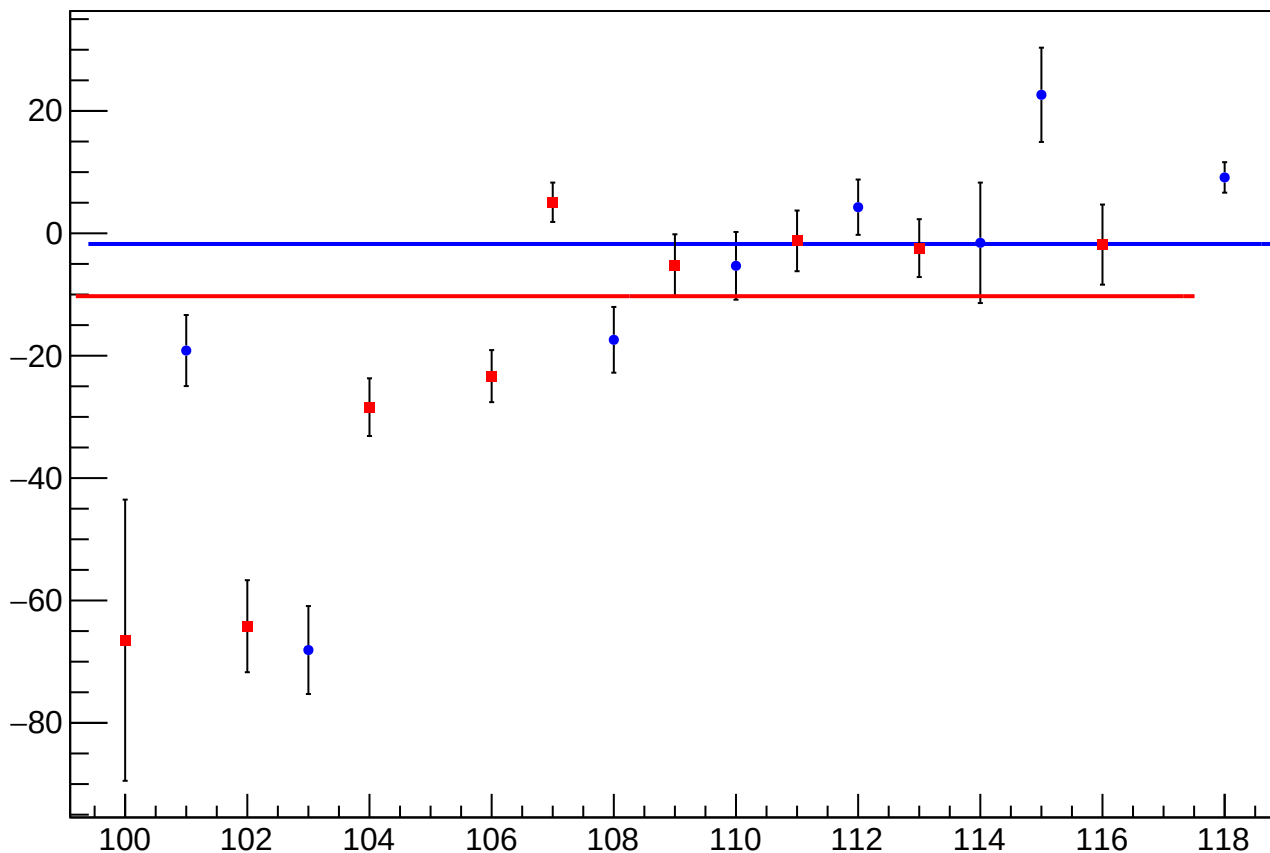
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.911 $\pm$ 1.056 χ^2 /NDF: 582.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



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: -10.272+/-1.656 χ^2 /NDF: 113.2/8

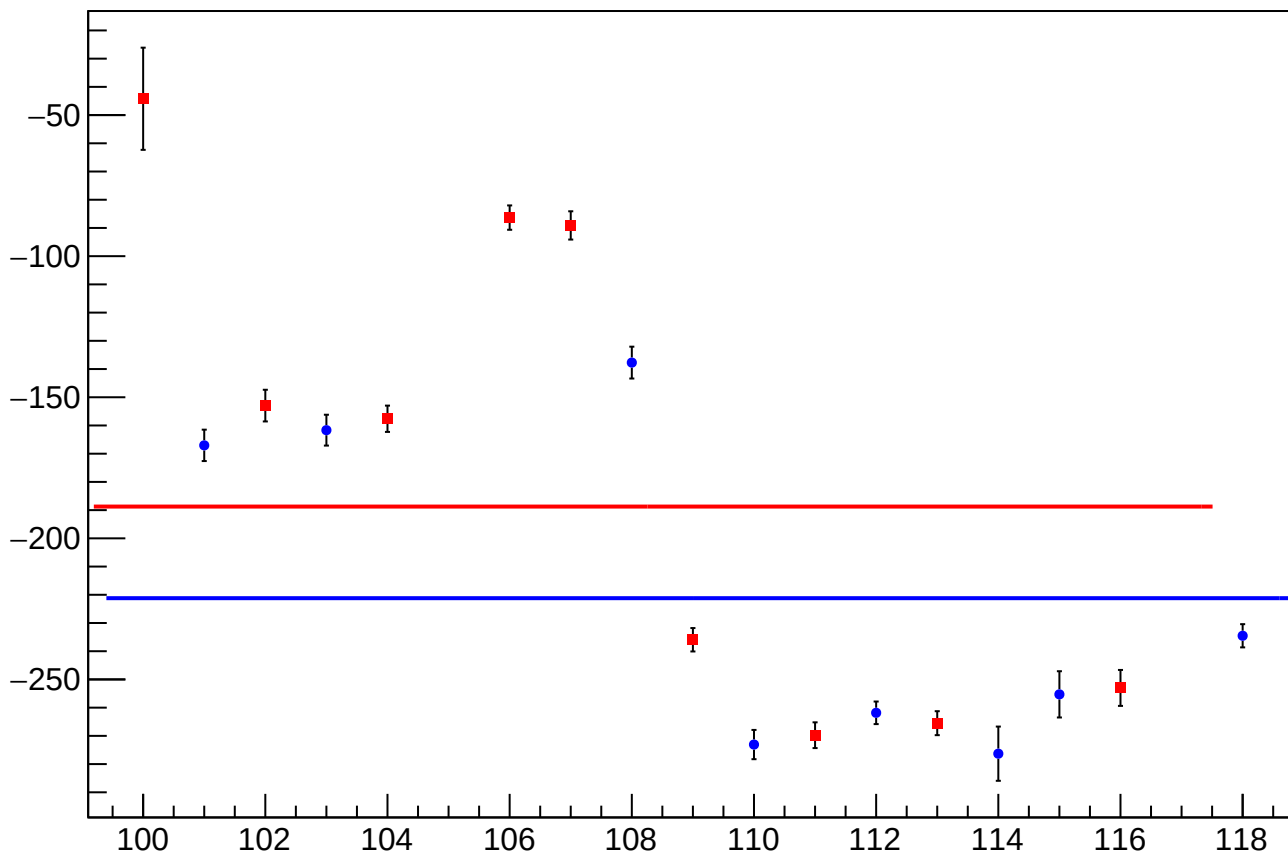
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.071+/-1.180 χ^2 /NDF: 260.2/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug



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: -188.738+/-1.665 χ^2/NDF : 1981.0/8

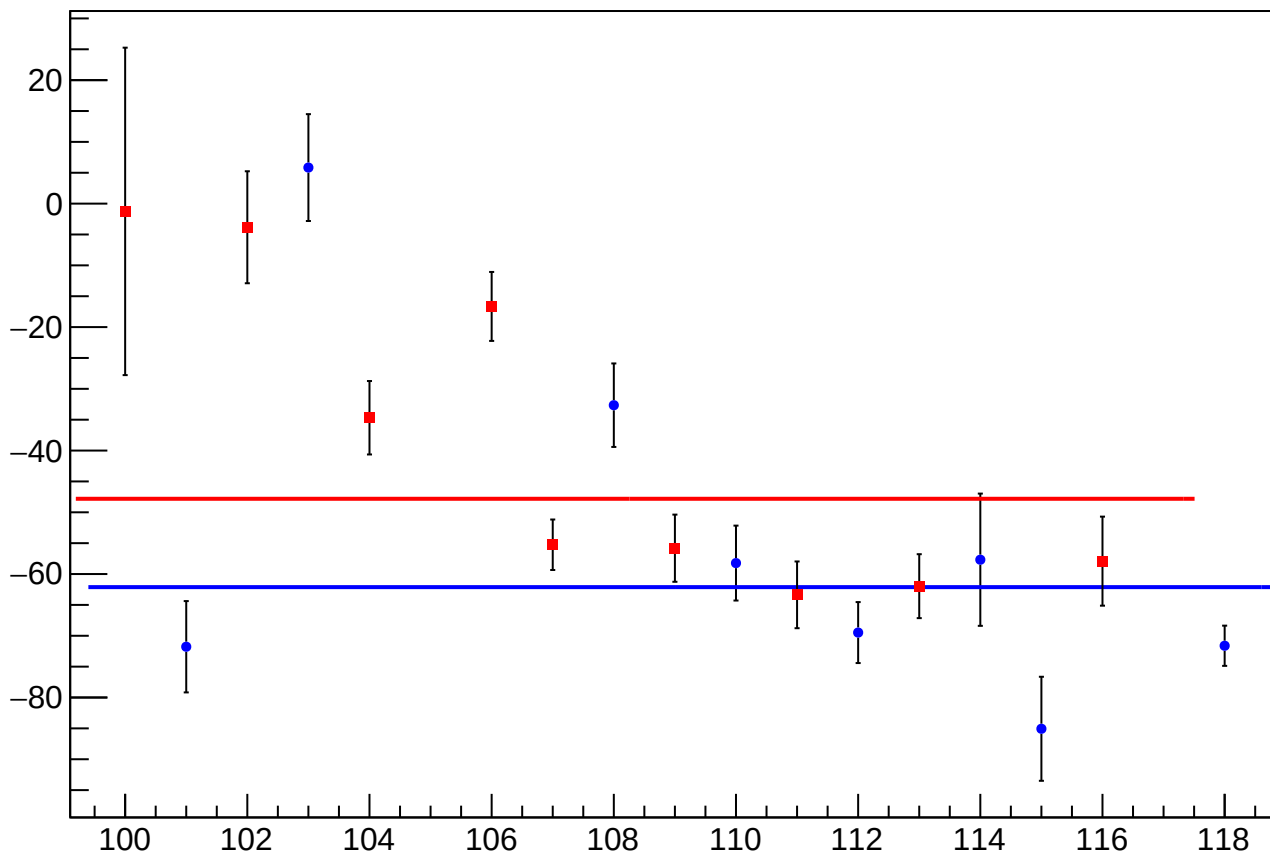
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -202.976+/-1.248 χ^2/NDF : 2843.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug



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: -47.810 ± 1.968 χ^2/NDF : 85.8/8

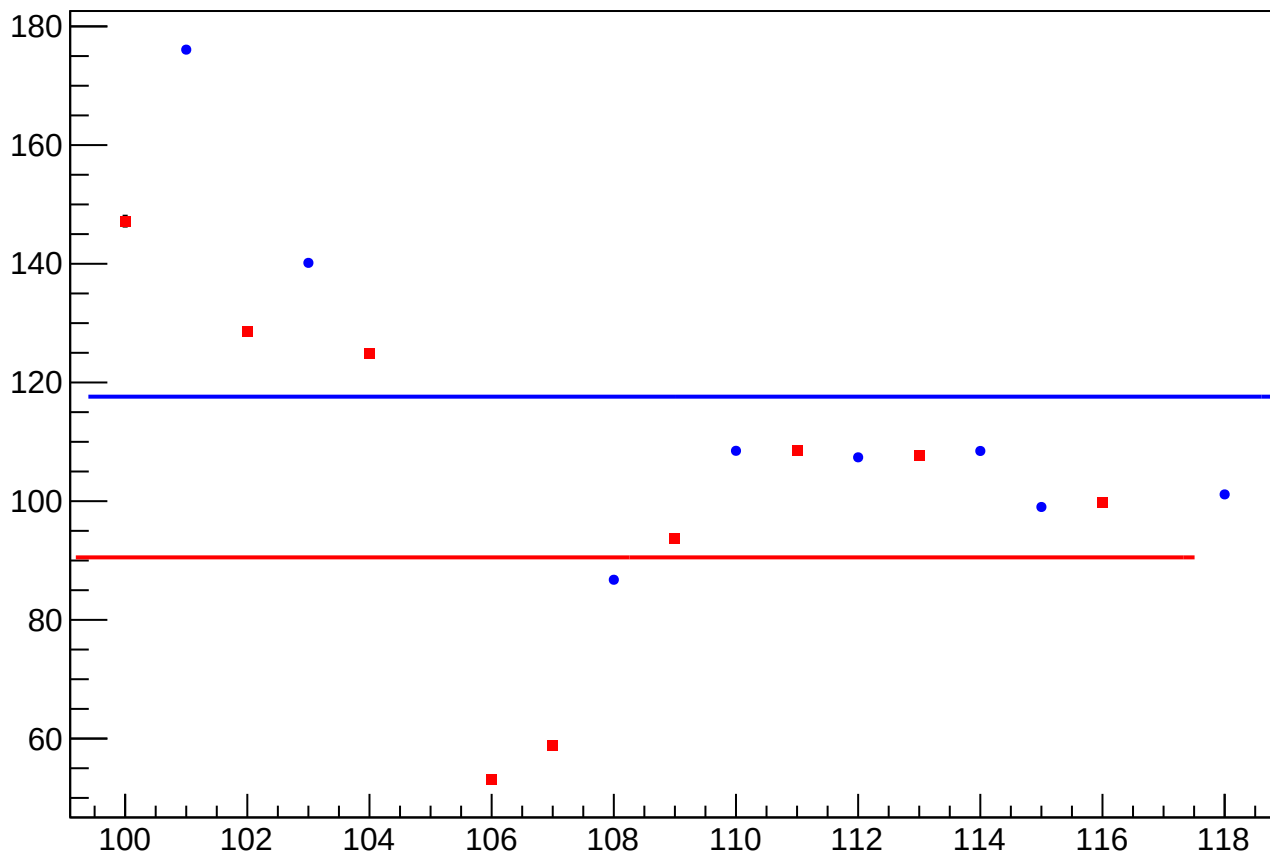
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.683 ± 1.419 χ^2/NDF : 212.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug



Right In: 117.611 $\pm$ 0.115 χ^2 /NDF: 63570.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.531 $\pm$ 0.091 χ^2 /NDF: 118610.6/8

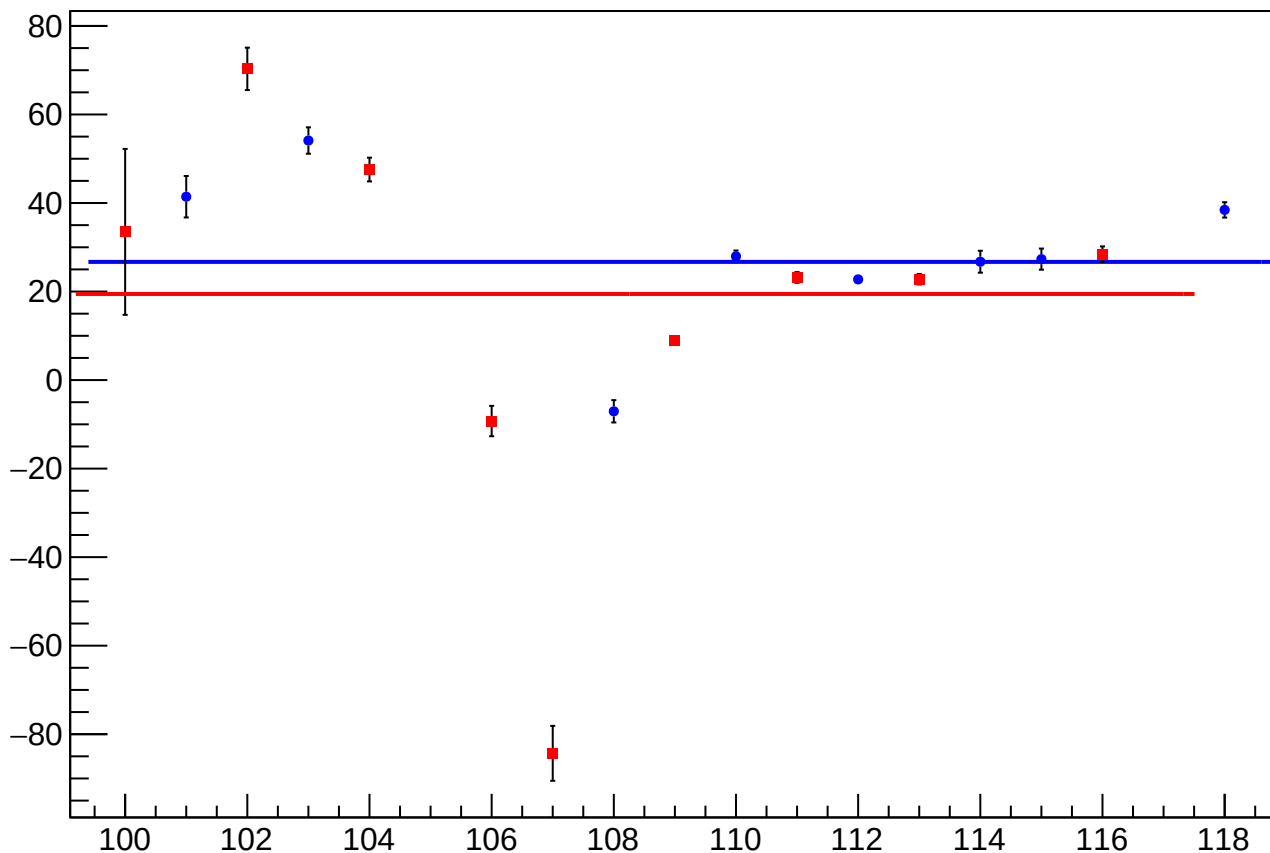
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.975 $\pm$ 0.071 χ^2 /NDF: 216462.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug



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: 19.450 $\pm$ 0.589 χ^2 /NDF: 710.9/8

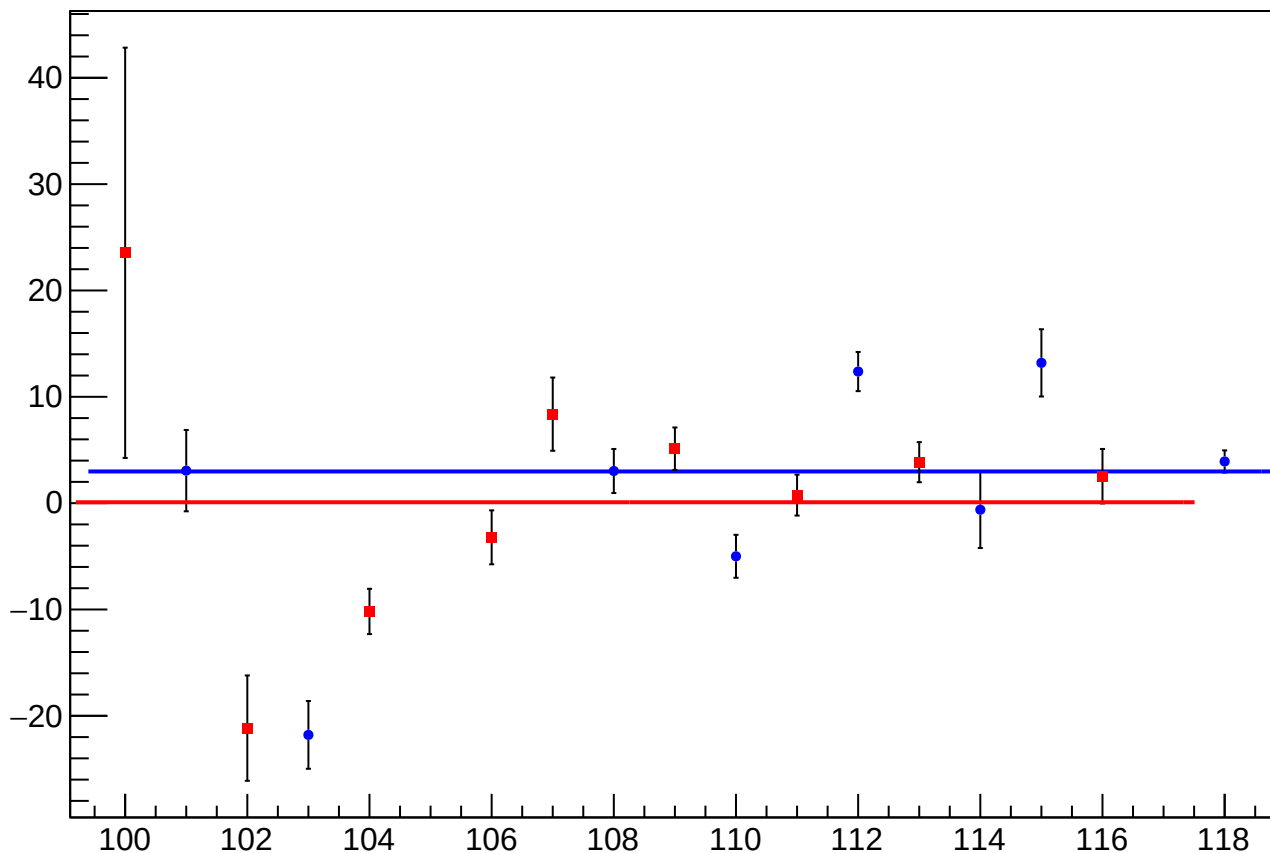
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.720 $\pm$ 0.436 χ^2 /NDF: 1112.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



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: 0.084 $\pm$ 0.828 χ^2 /NDF: 62.0/8

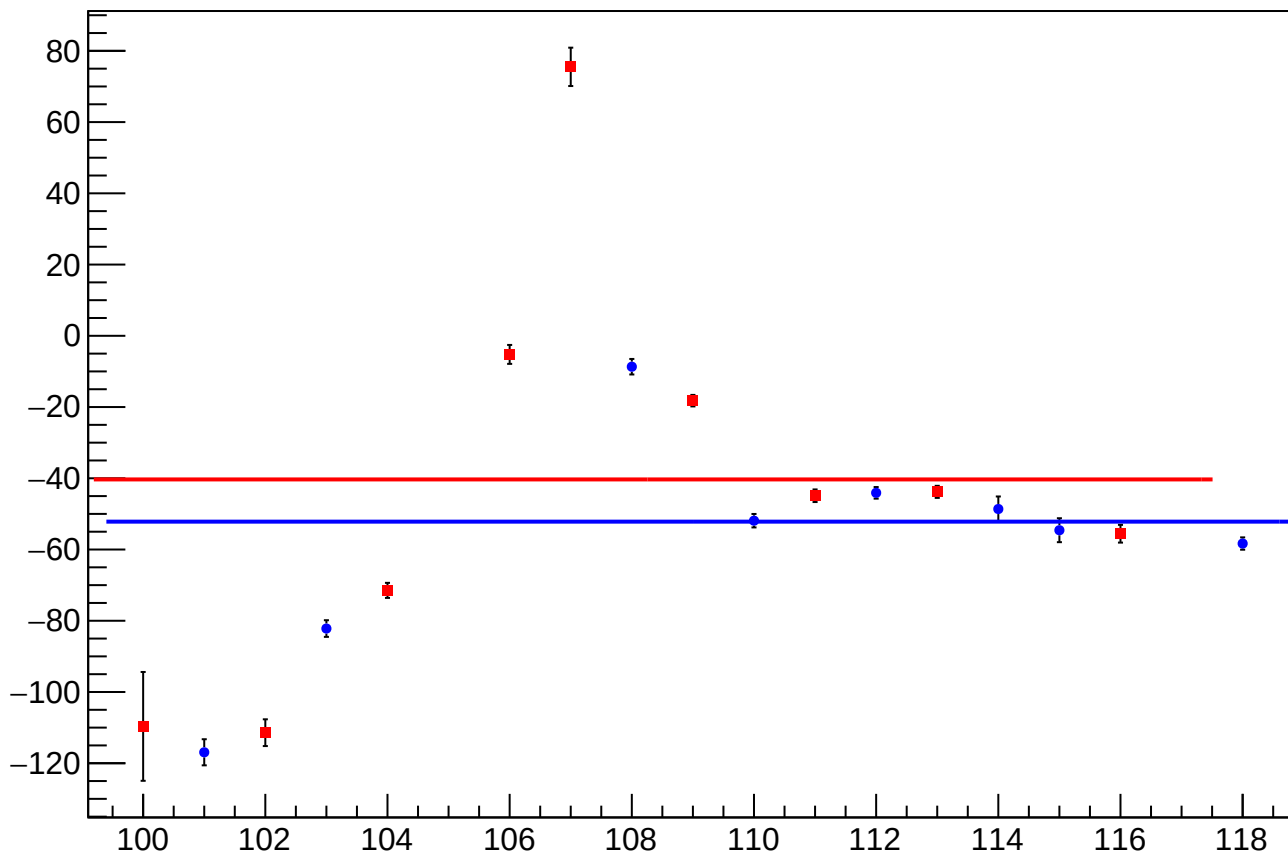
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.772 $\pm$ 0.535 χ^2 /NDF: 183.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -52.173 $\pm$ 0.783 χ^2 /NDF: 914.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.322 $\pm$ 0.770 χ^2 /NDF: 1469.2/8

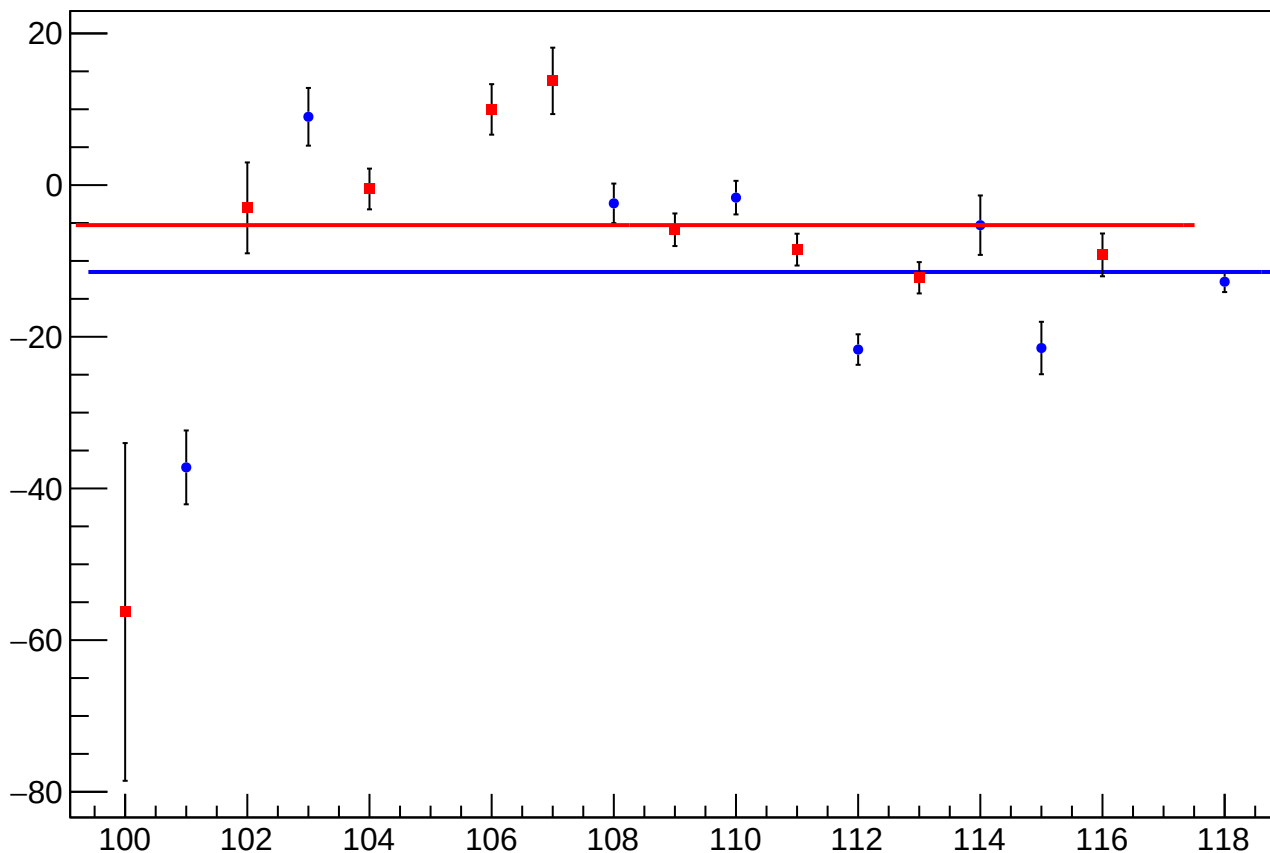
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.145 $\pm$ 0.549 χ^2 /NDF: 2500.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -11.455 ± 0.846 $\chi^2/\text{NDF}: 126.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.276 ± 0.947 $\chi^2/\text{NDF}: 64.1/8$

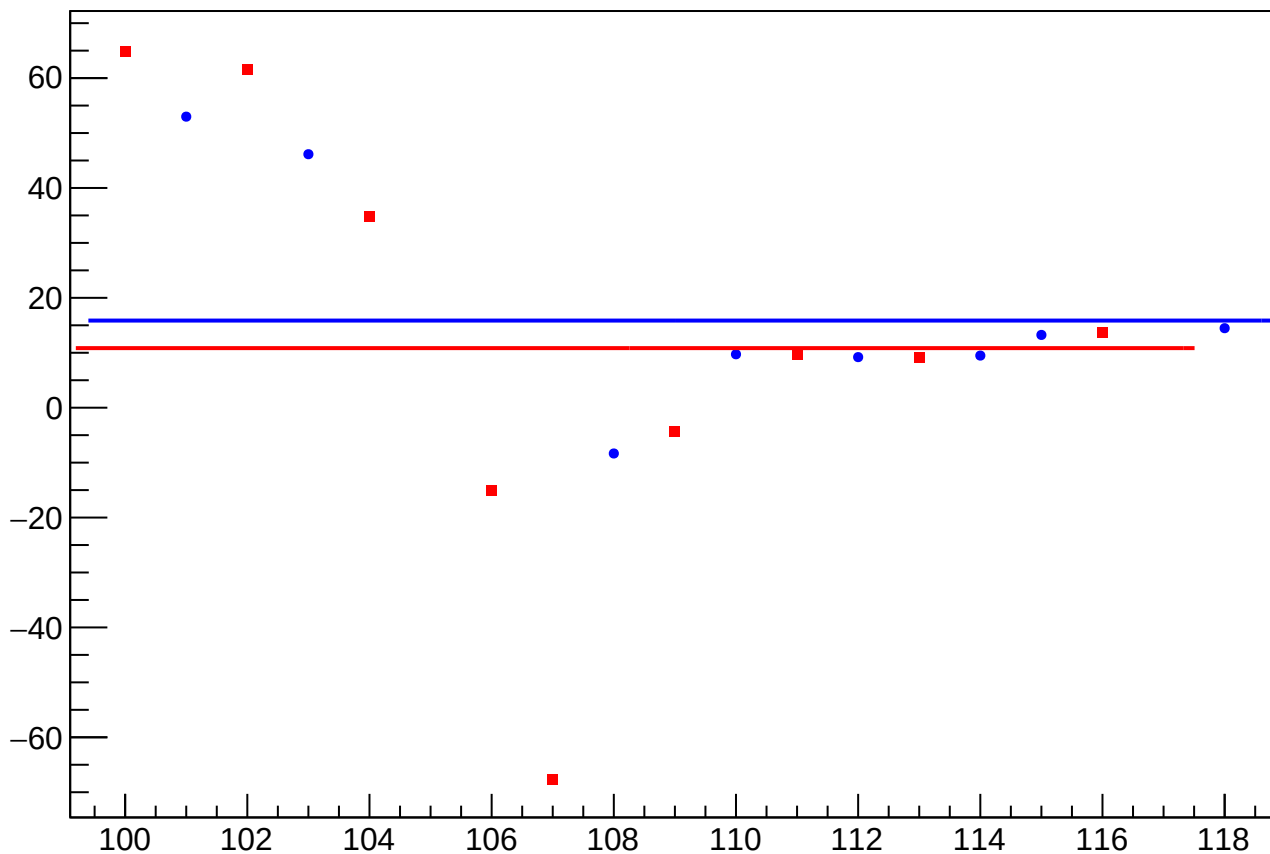
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.713 ± 0.631 $\chi^2/\text{NDF}: 214.0/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 15.861 $\pm$ 0.048 χ^2 /NDF: 204190.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.846 $\pm$ 0.048 χ^2 /NDF: 342255.6/8

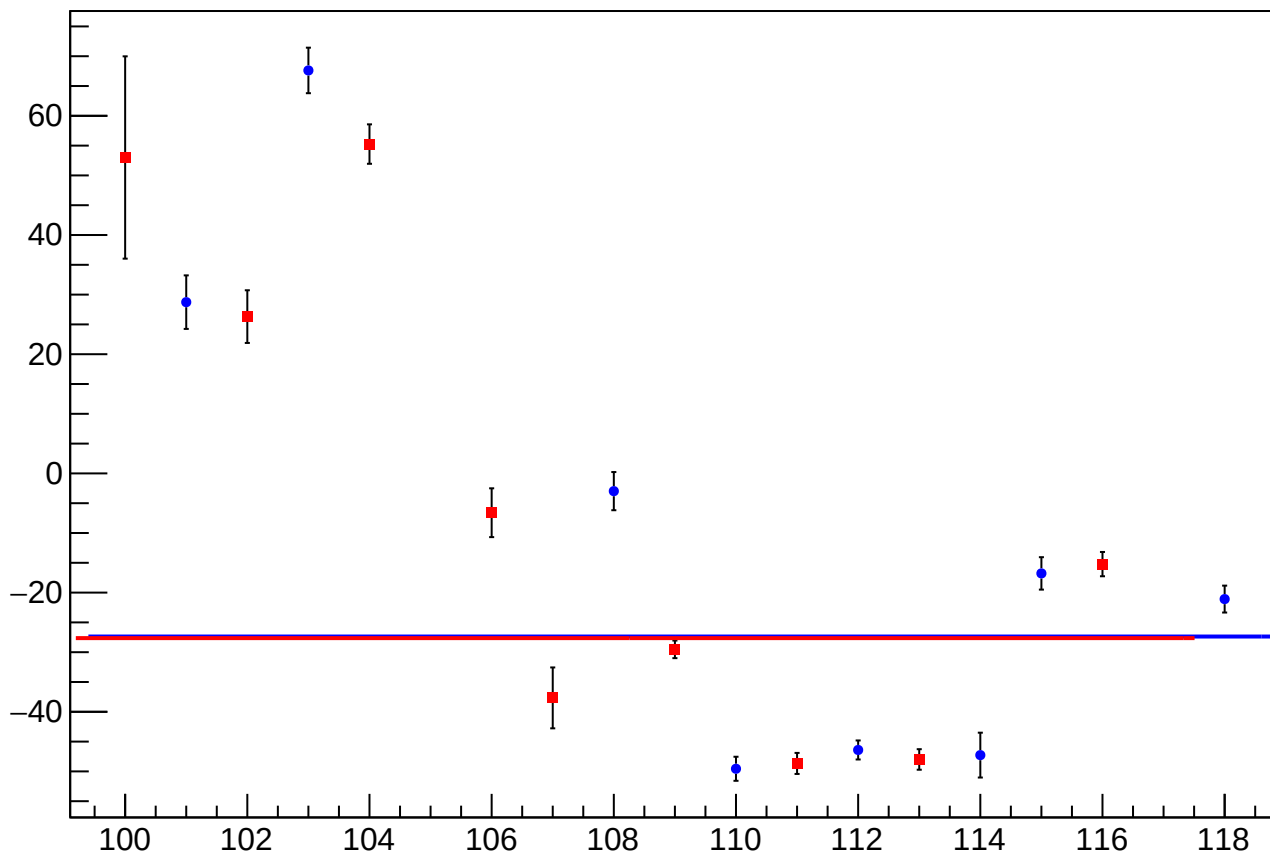
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.385 $\pm$ 0.034 χ^2 /NDF: 551898.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: -27.370 $\pm$ 0.892 χ^2 /NDF: 1146.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -27.637 $\pm$ 0.790 χ^2 /NDF: 1149.8/8

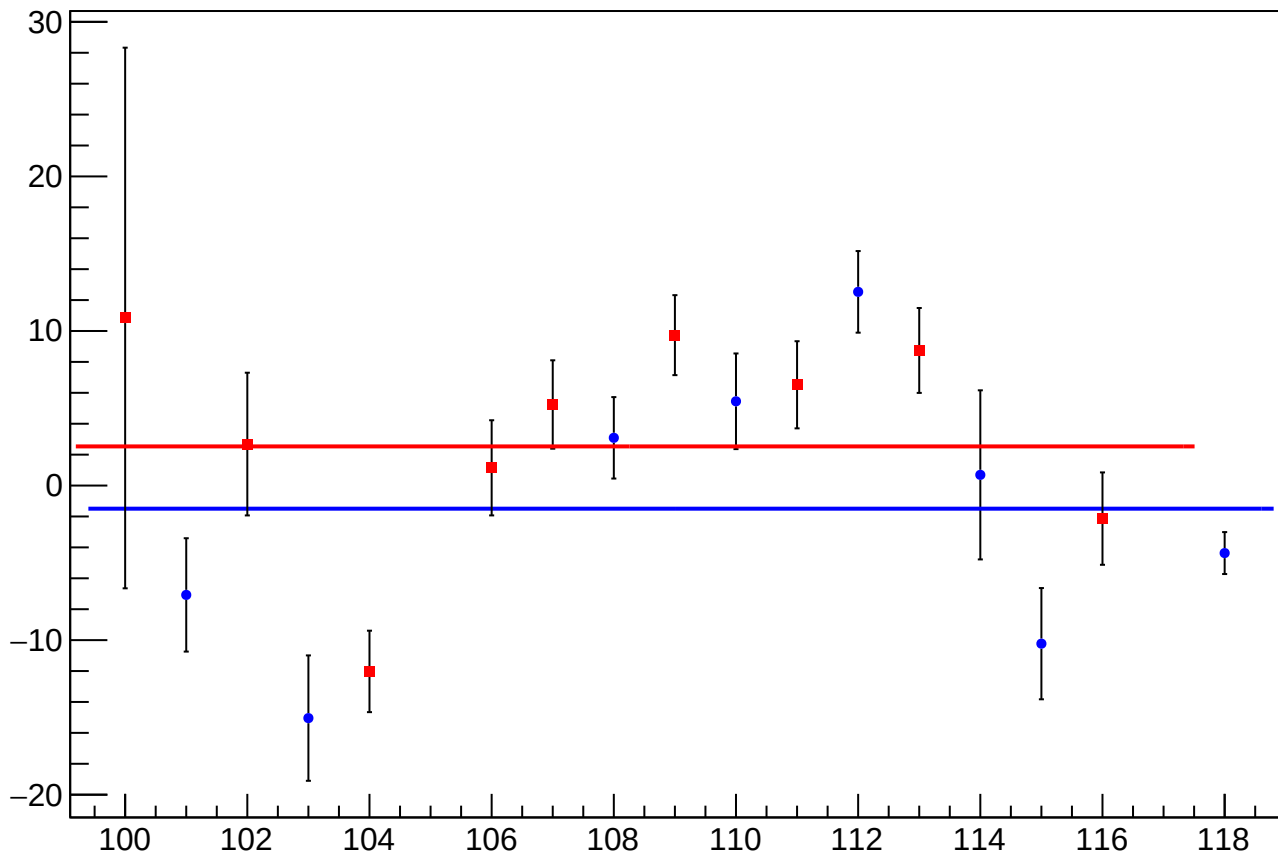
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -27.520 $\pm$ 0.592 χ^2 /NDF: 2296.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -1.496 $\pm$ 0.920 χ^2 /NDF: 60.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.533 $\pm$ 1.030 χ^2 /NDF: 49.1/8

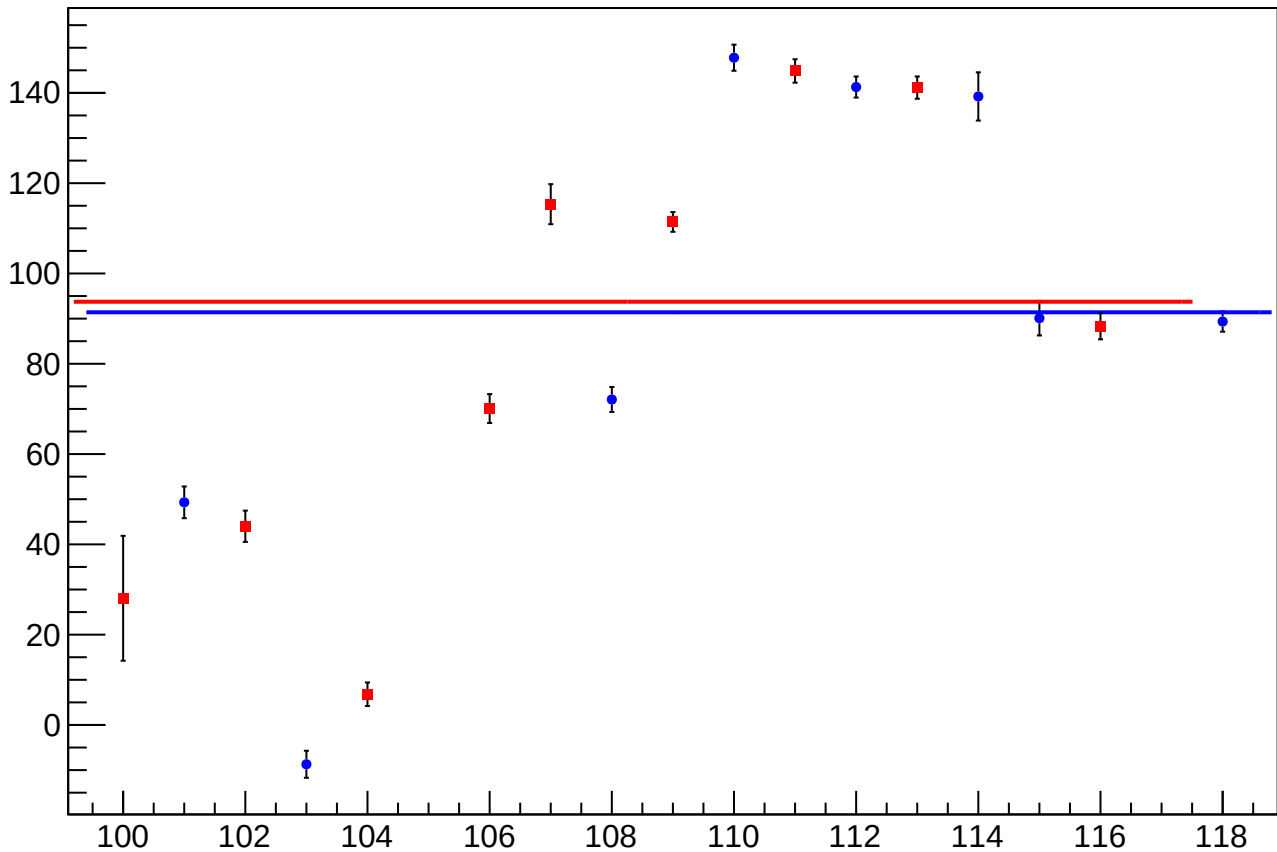
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.292 $\pm$ 0.686 χ^2 /NDF: 118.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



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: 93.742+/-0.988 χ^2/NDF : 2243.5/8

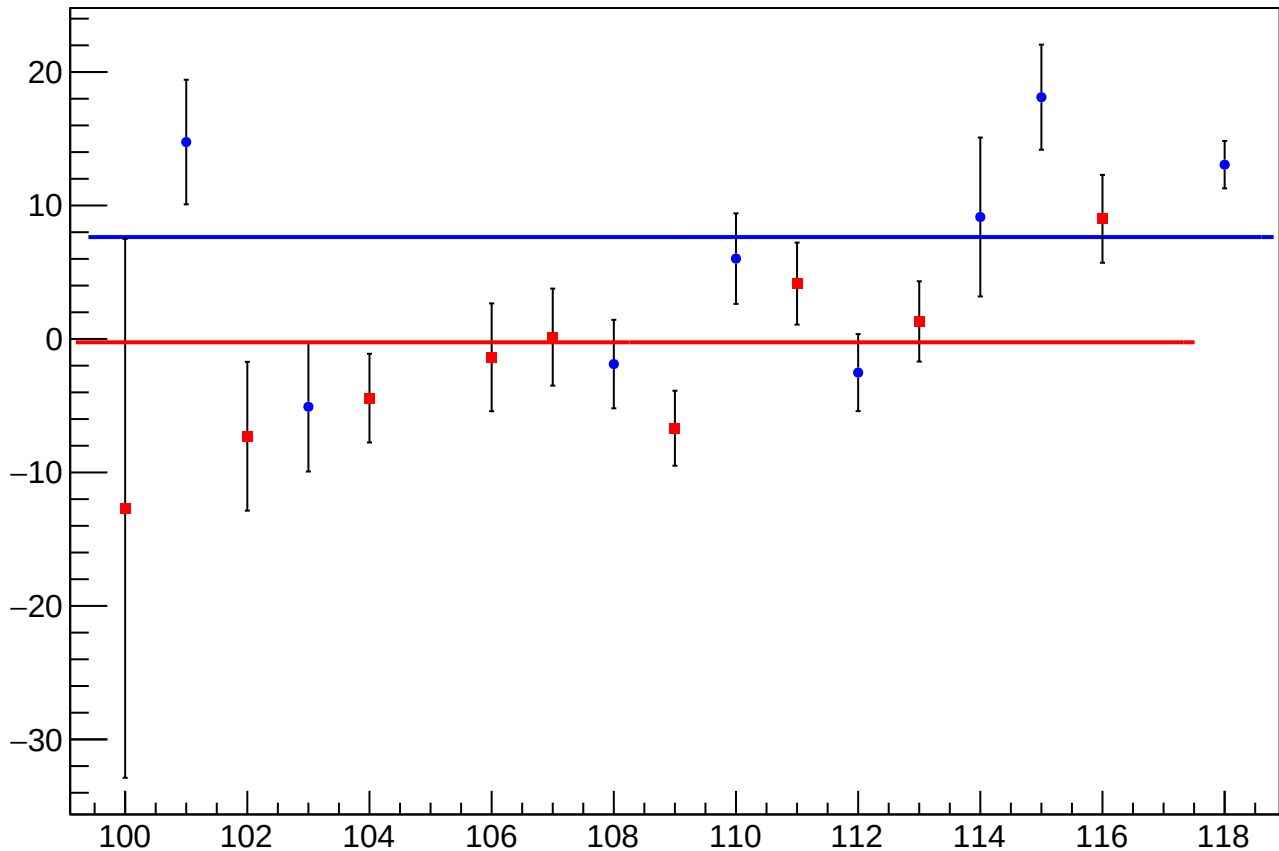
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.629+/-0.716 χ^2/NDF : 4472.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 7.635 $\pm$ 1.120 χ^2 /NDF: 46.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.248 $\pm$ 1.197 χ^2 /NDF: 19.1/8

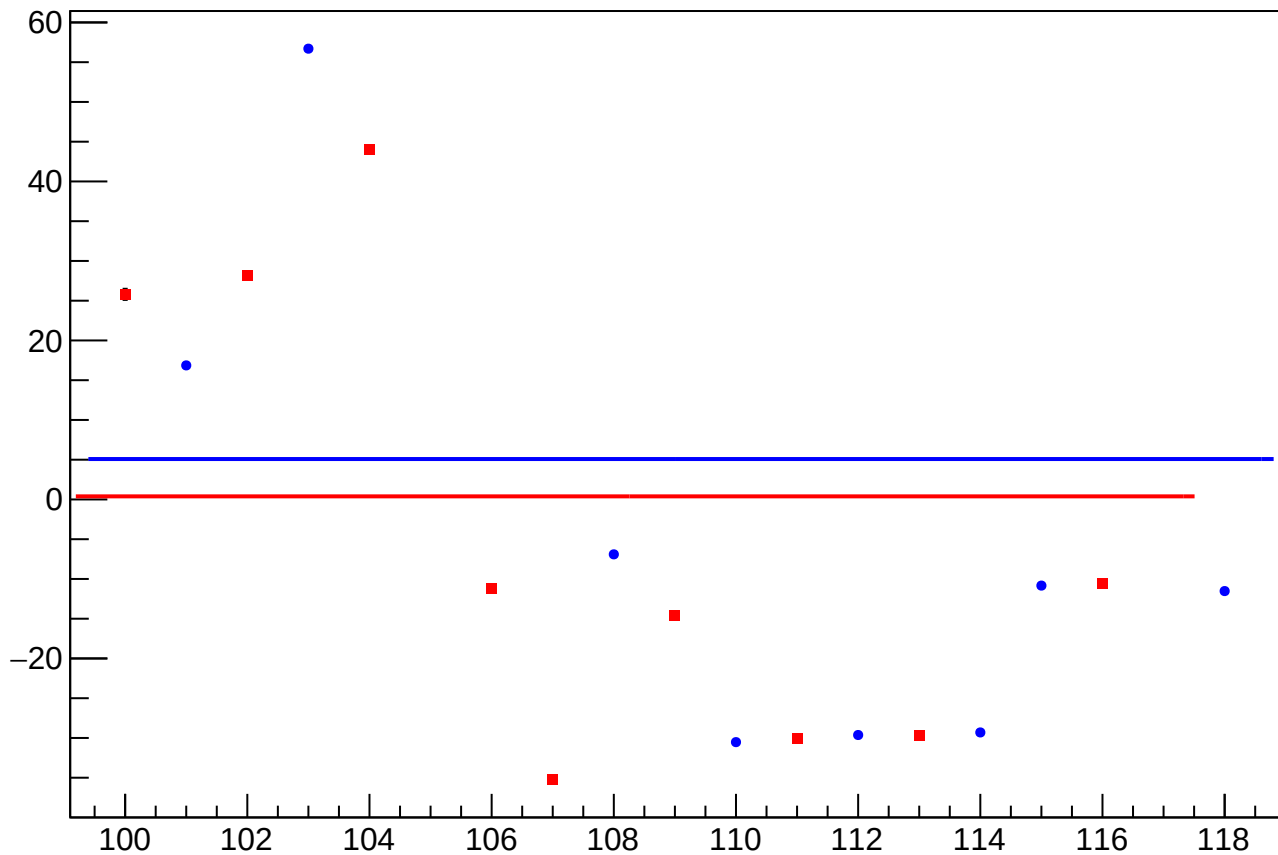
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.954 $\pm$ 0.818 χ^2 /NDF: 88.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug



Right In: 5.084 $\pm$ 0.062 χ^2 /NDF: 259865.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.389 $\pm$ 0.058 χ^2 /NDF: 259570.7/8

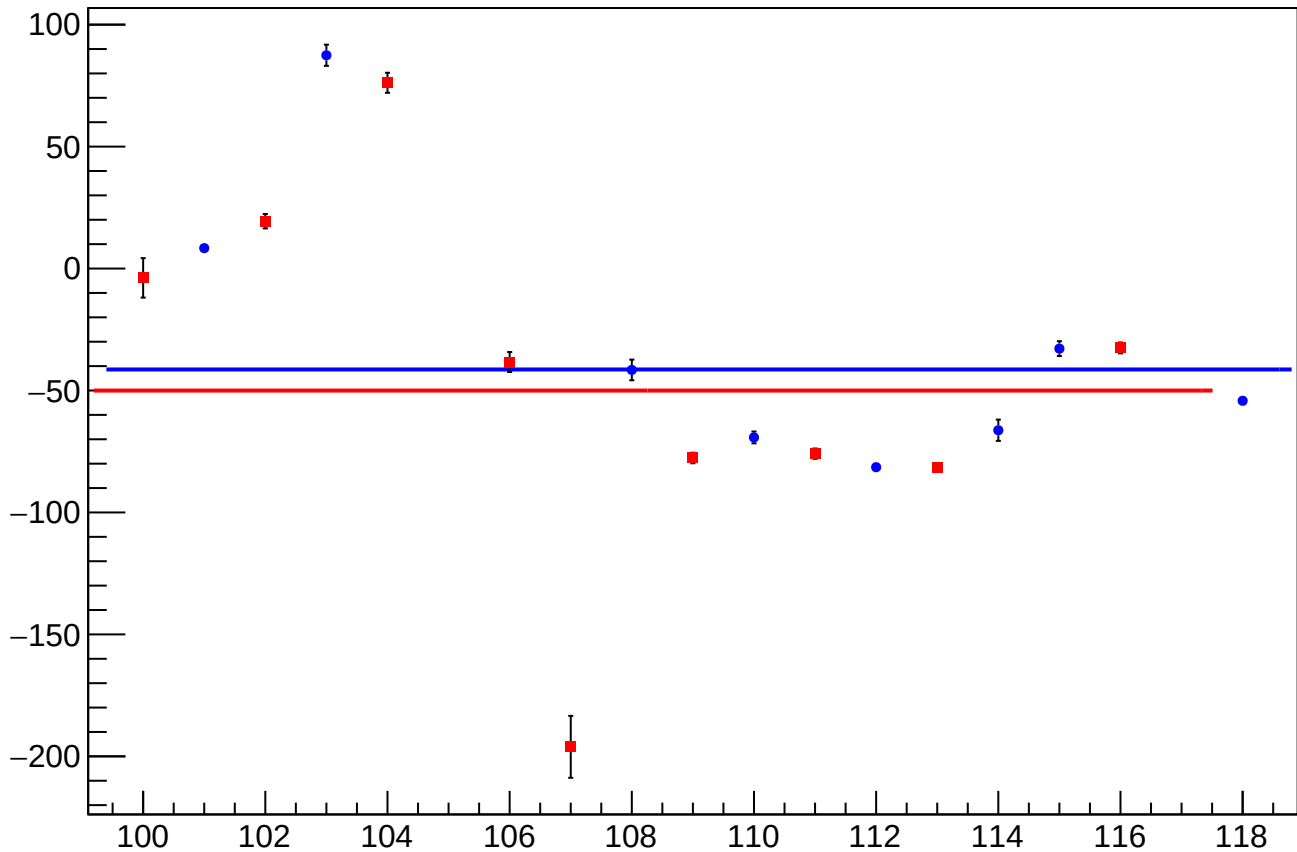
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.595 $\pm$ 0.042 χ^2 /NDF: 522502.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



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: -50.023 ± 0.937 χ^2/NDF : 2285.8/8

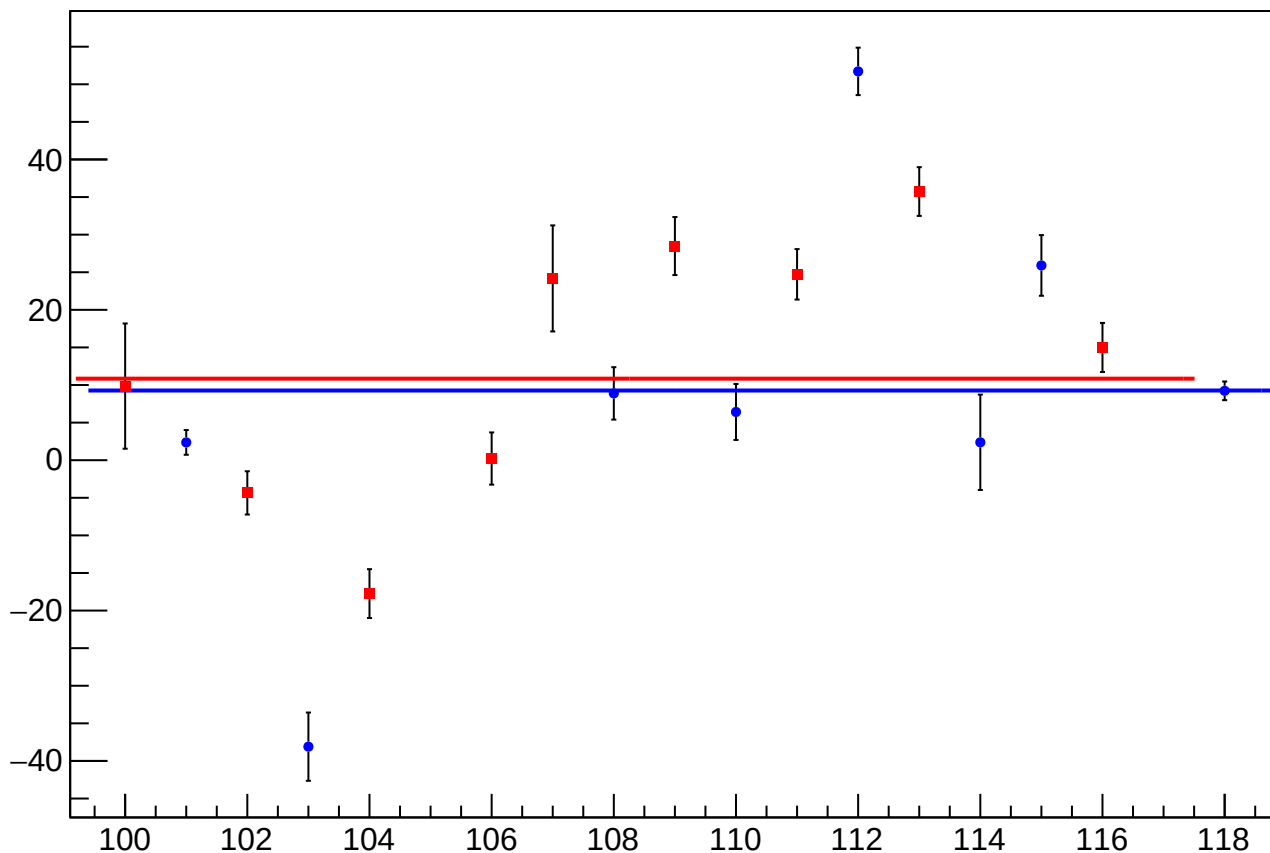
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.595 ± 0.654 χ^2/NDF : 4476.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



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: 10.847+/-1.215 χ^2/NDF : 216.8/8

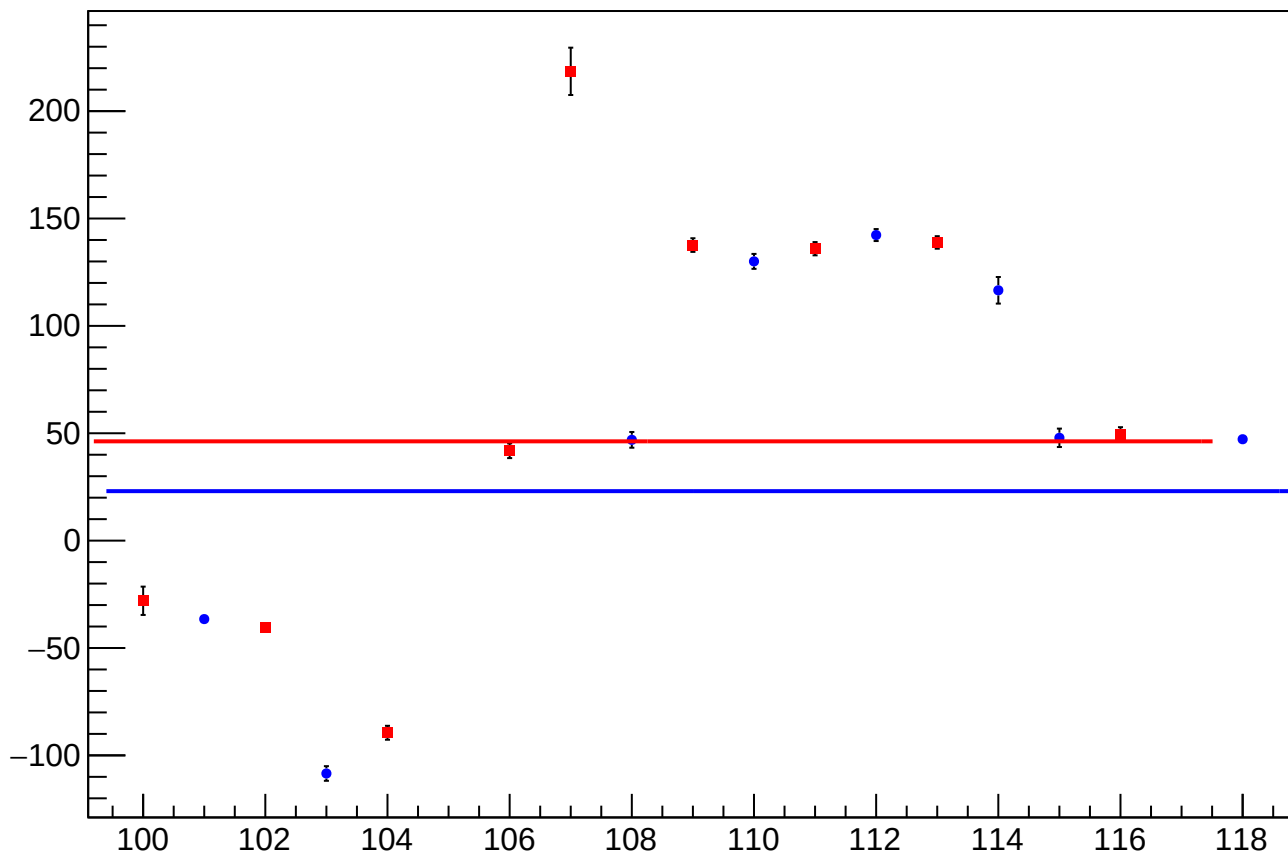
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.782+/-0.692 χ^2/NDF : 544.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



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: 46.235+/-1.105 χ^2/NDF : 6208.5/8

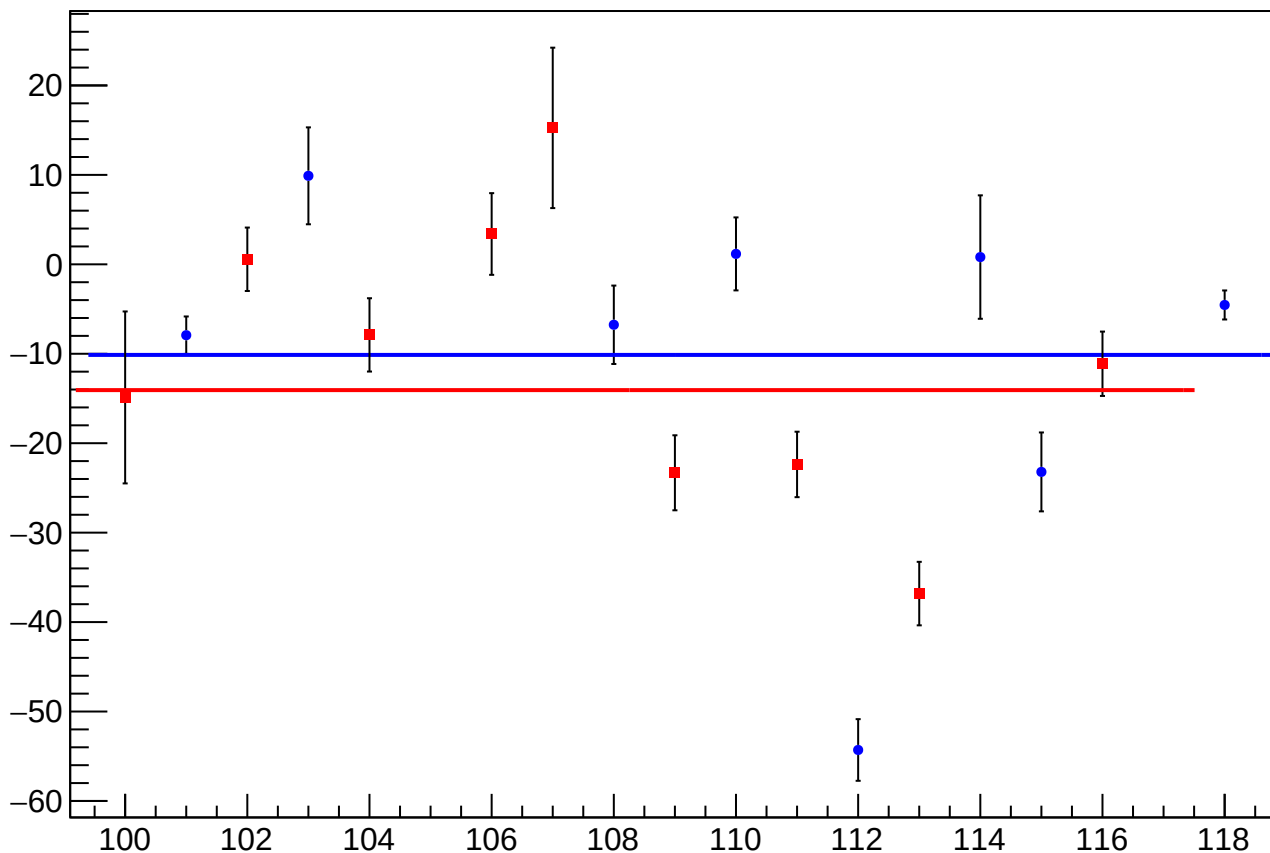
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.978+/-0.723 χ^2/NDF : 12602.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -10.128 $\pm$ 1.048 χ^2 /NDF: 210.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.063 $\pm$ 1.416 χ^2 /NDF: 96.3/8

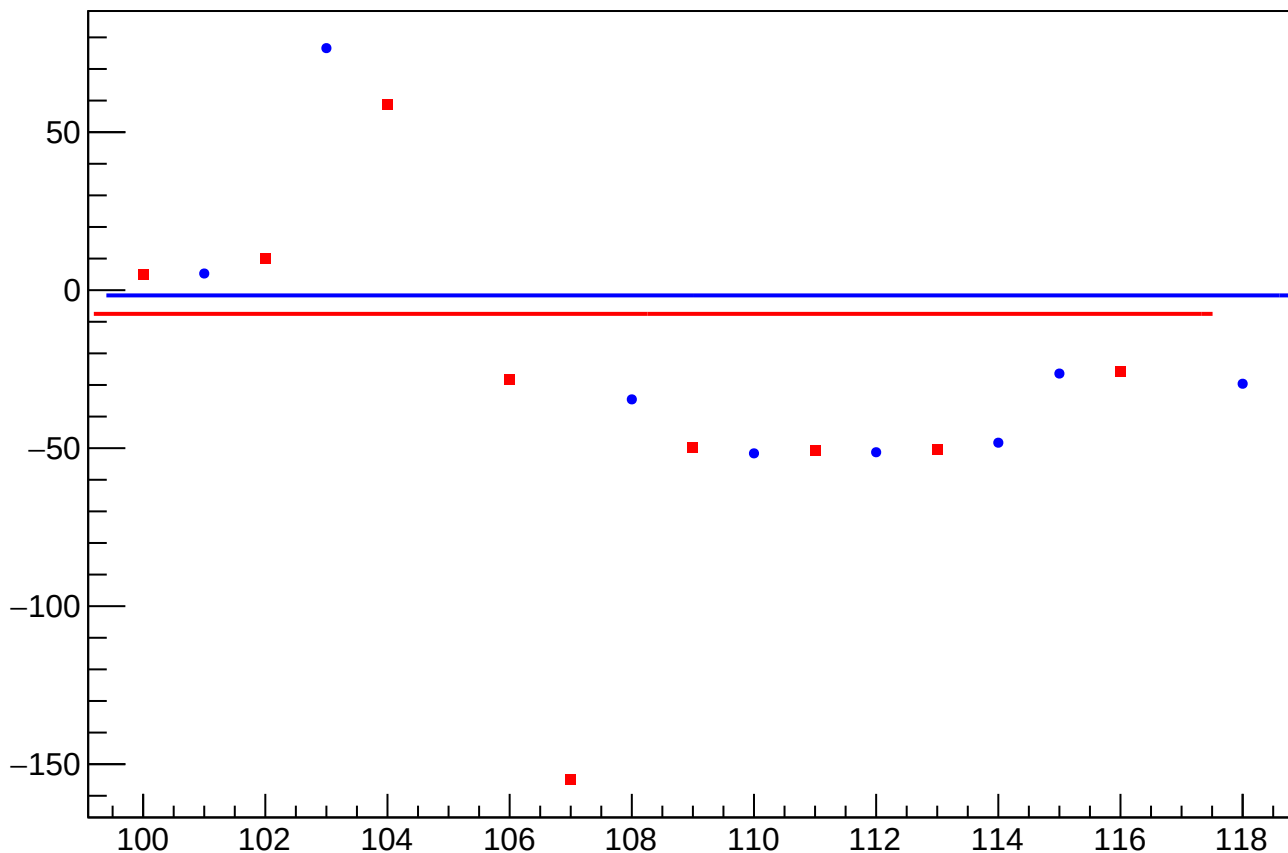
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.520 $\pm$ 0.842 χ^2 /NDF: 311.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



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: -7.498+/-0.061 χ^2/NDF : 447692.3/8

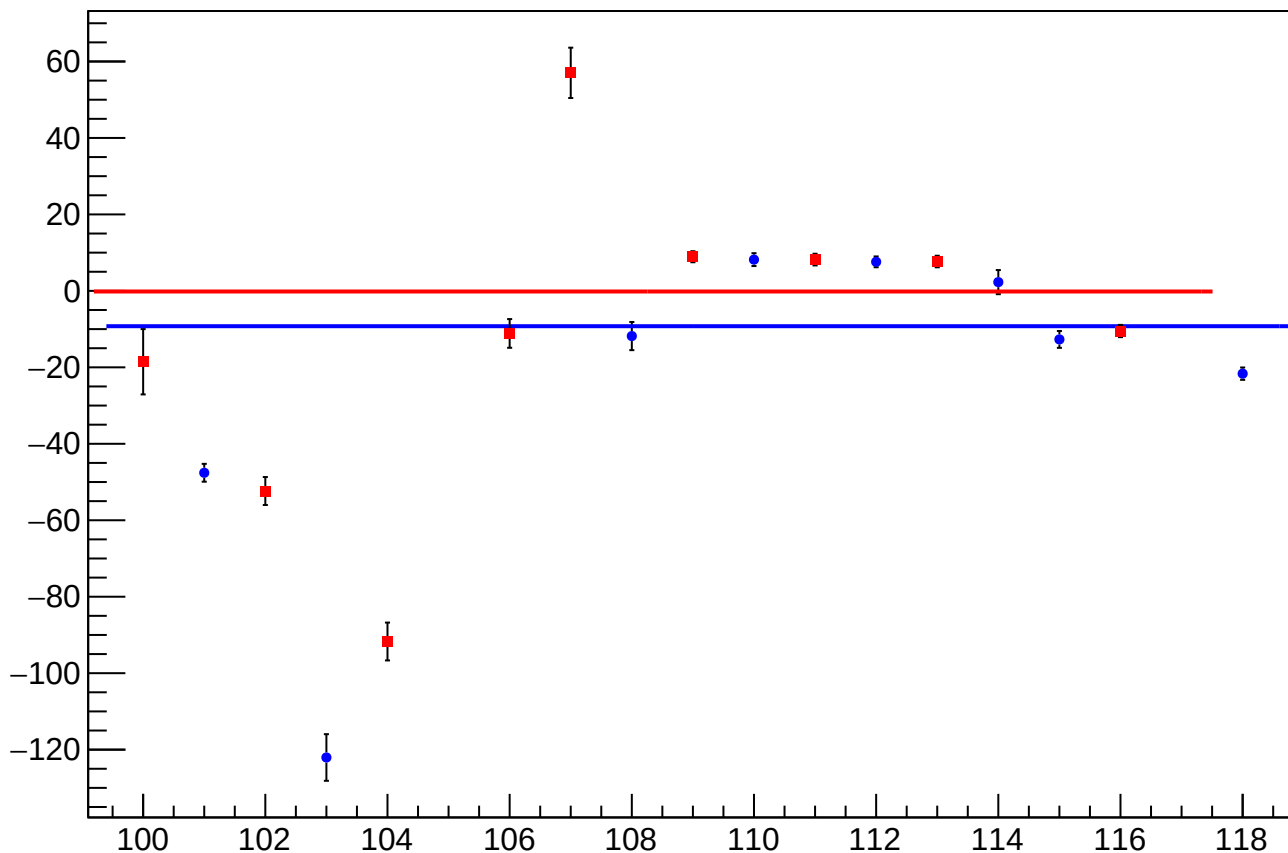
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.421+/-0.042 χ^2/NDF : 935536.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



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: -0.164 ± 0.714 χ^2/NDF : 772.1/8

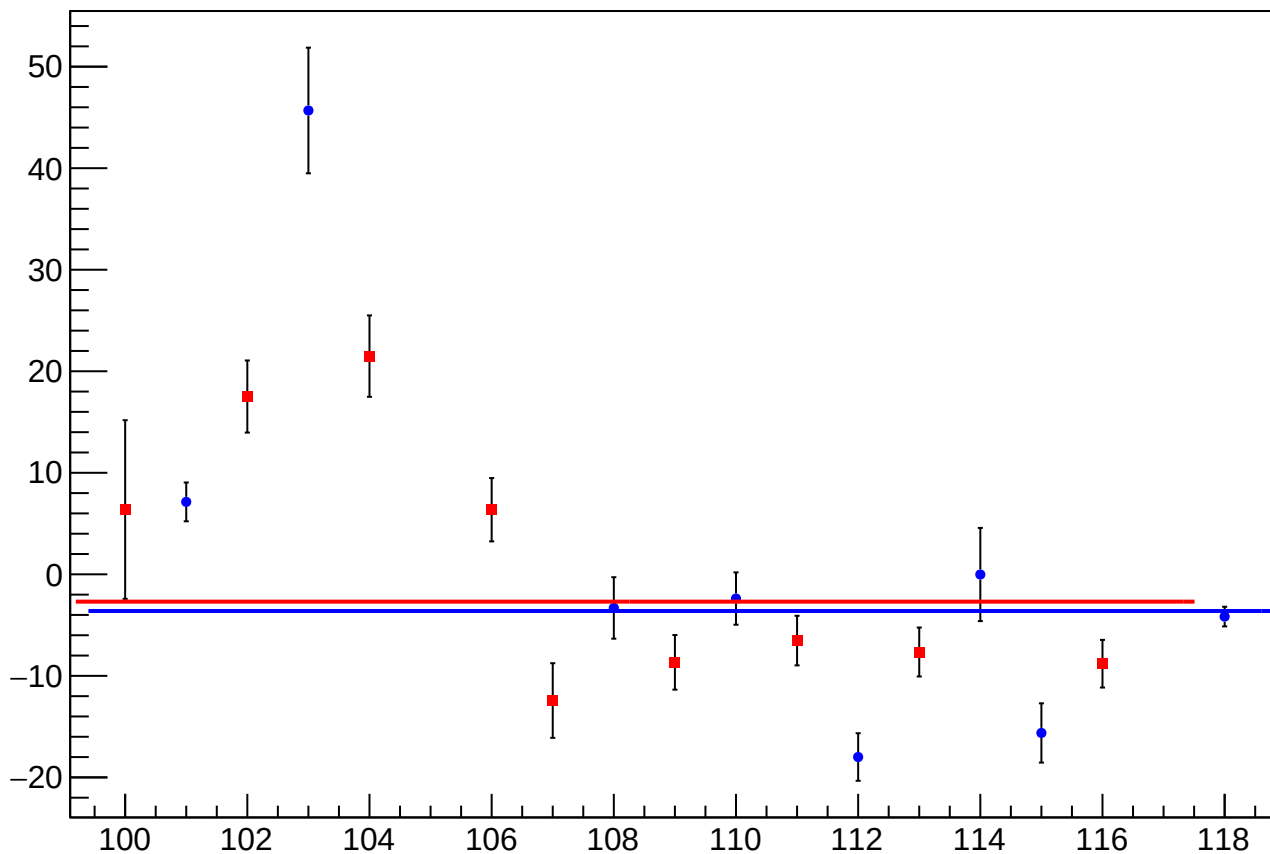
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.546 ± 0.514 χ^2/NDF : 1786.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



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: -2.690 $\pm$ 1.005 χ^2 /NDF: 103.7/8

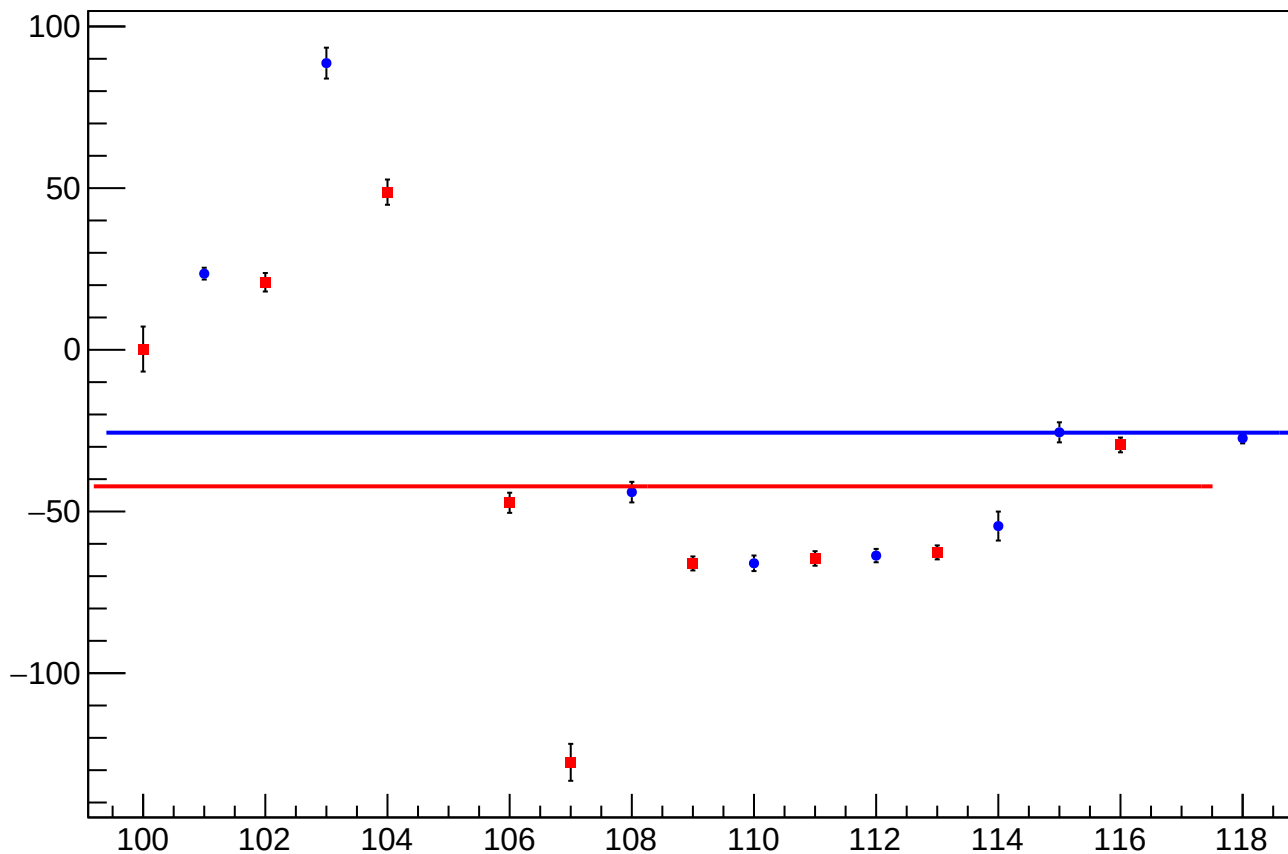
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.303 $\pm$ 0.581 χ^2 /NDF: 255.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -25.625 $\pm$ 0.848 χ^2 /NDF: 1991.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -42.225 $\pm$ 0.929 χ^2 /NDF: 1631.5/8

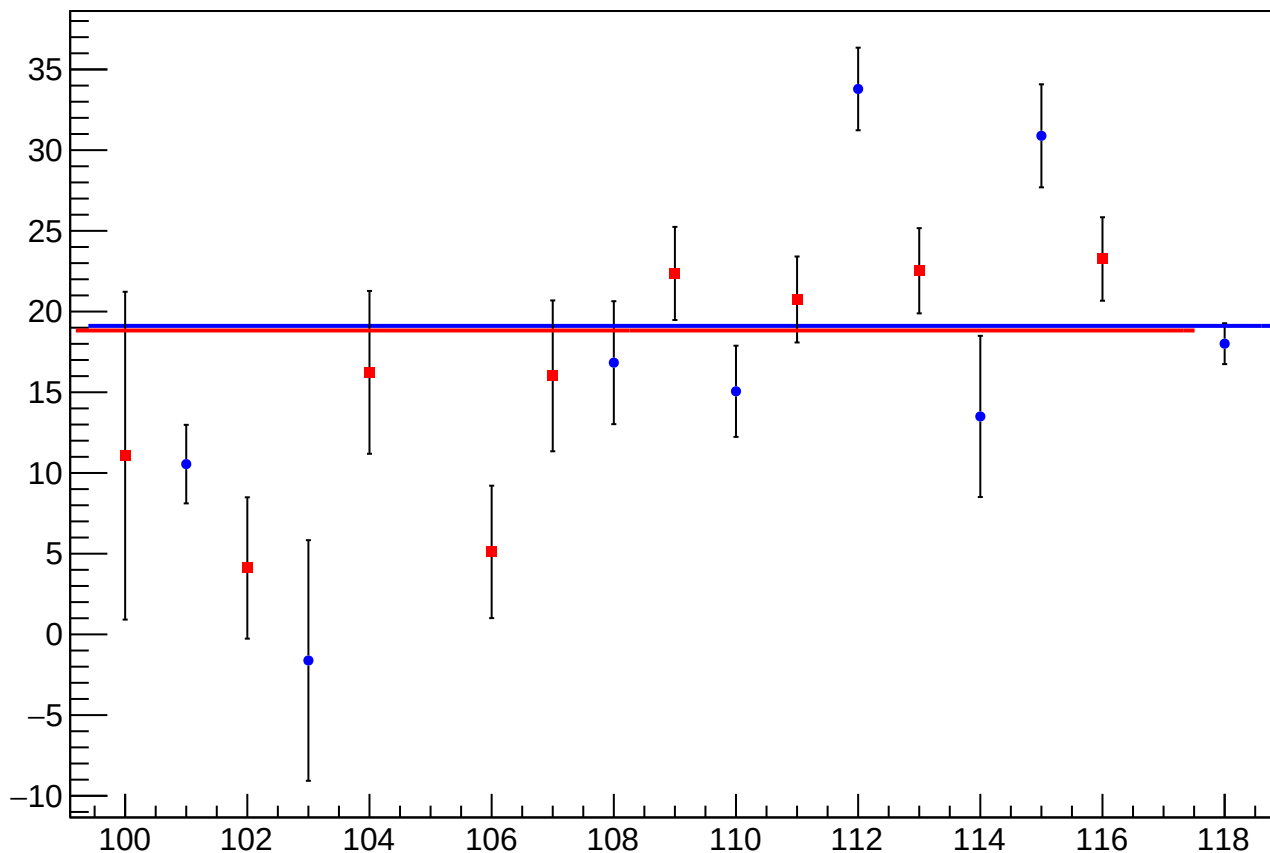
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.172 $\pm$ 0.627 χ^2 /NDF: 3797.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 19.113 $\pm$ 0.878 χ^2 /NDF: 71.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.828 $\pm$ 1.147 χ^2 /NDF: 30.6/8

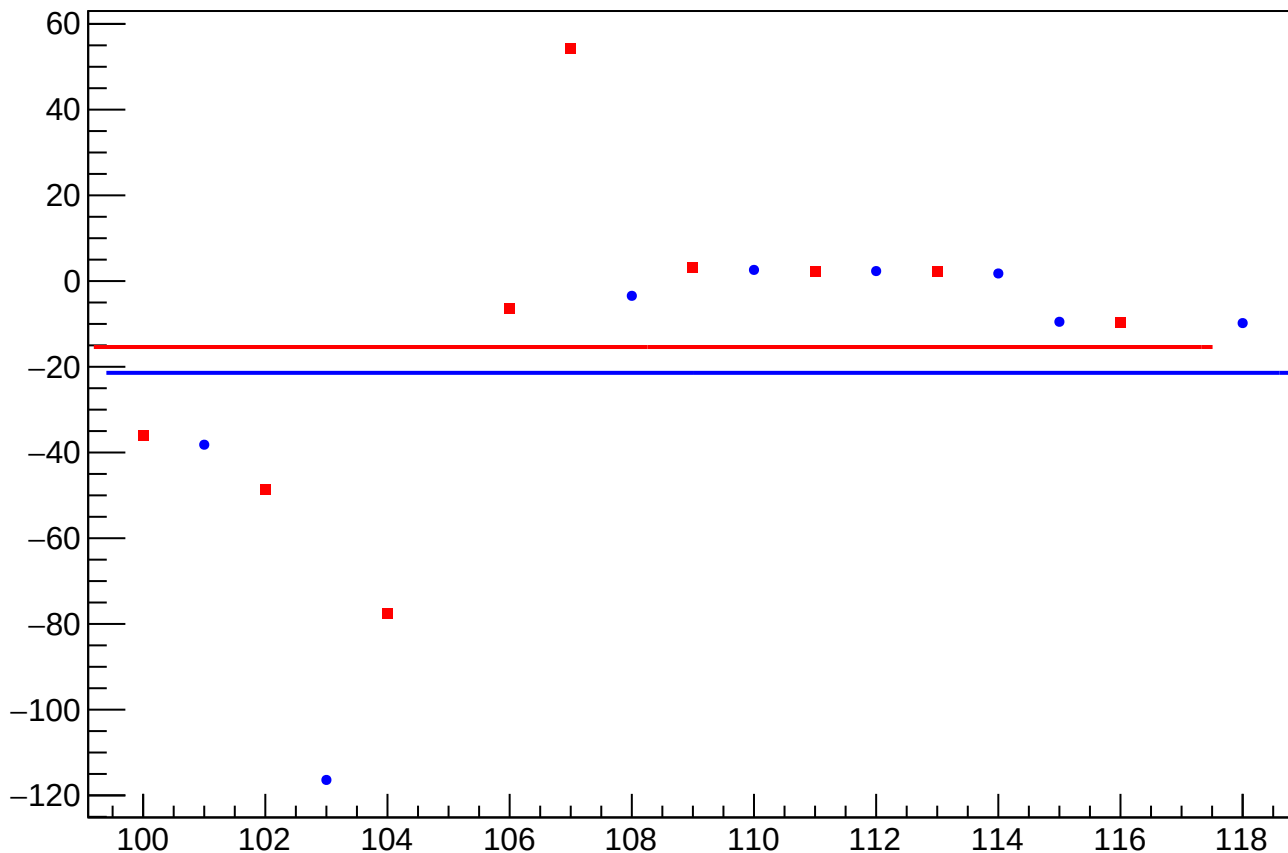
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.007 $\pm$ 0.697 χ^2 /NDF: 101.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



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: -15.385+/-0.057 χ^2/NDF : 307487.7/8

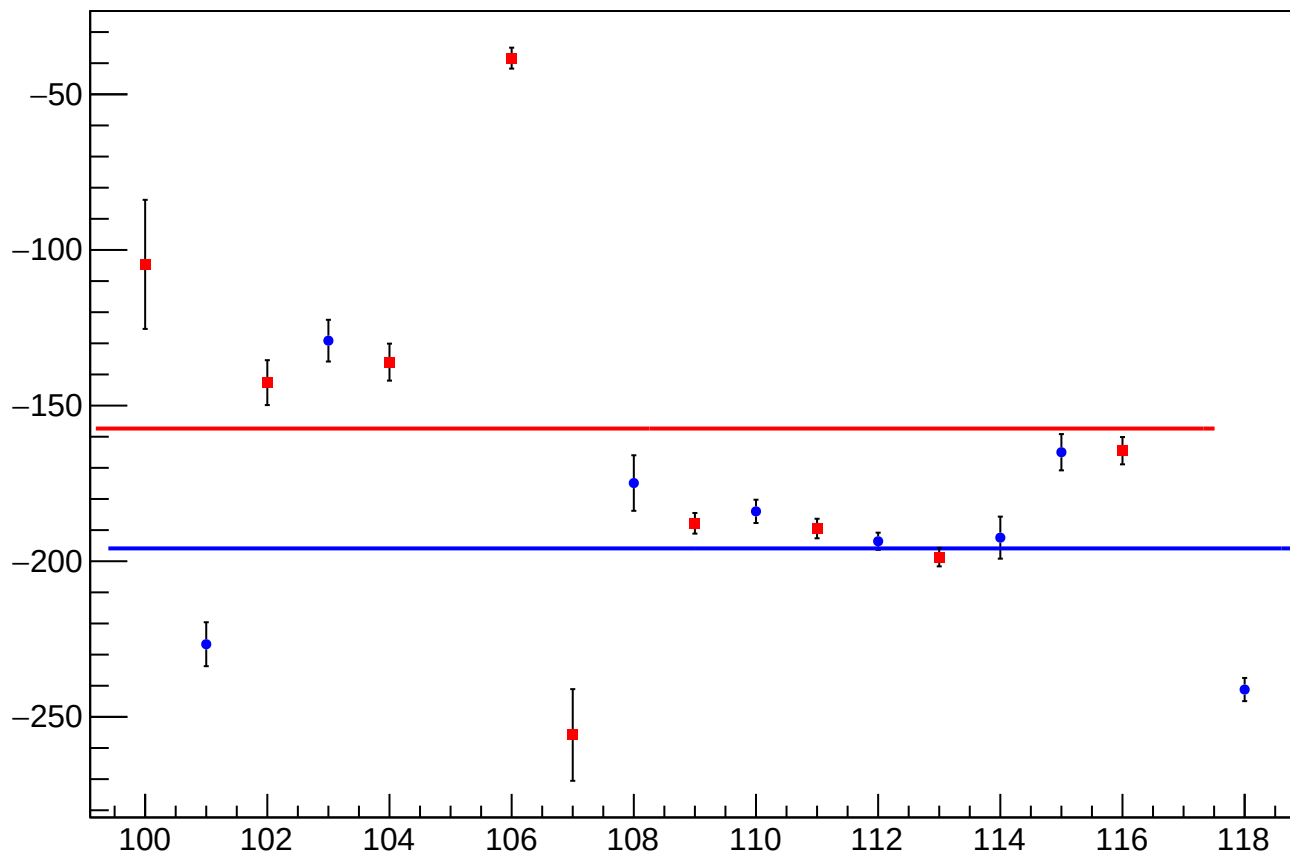
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.478+/-0.040 χ^2/NDF : 627288.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



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: -157.373 ± 1.413 χ^2/NDF : 1704.1/8

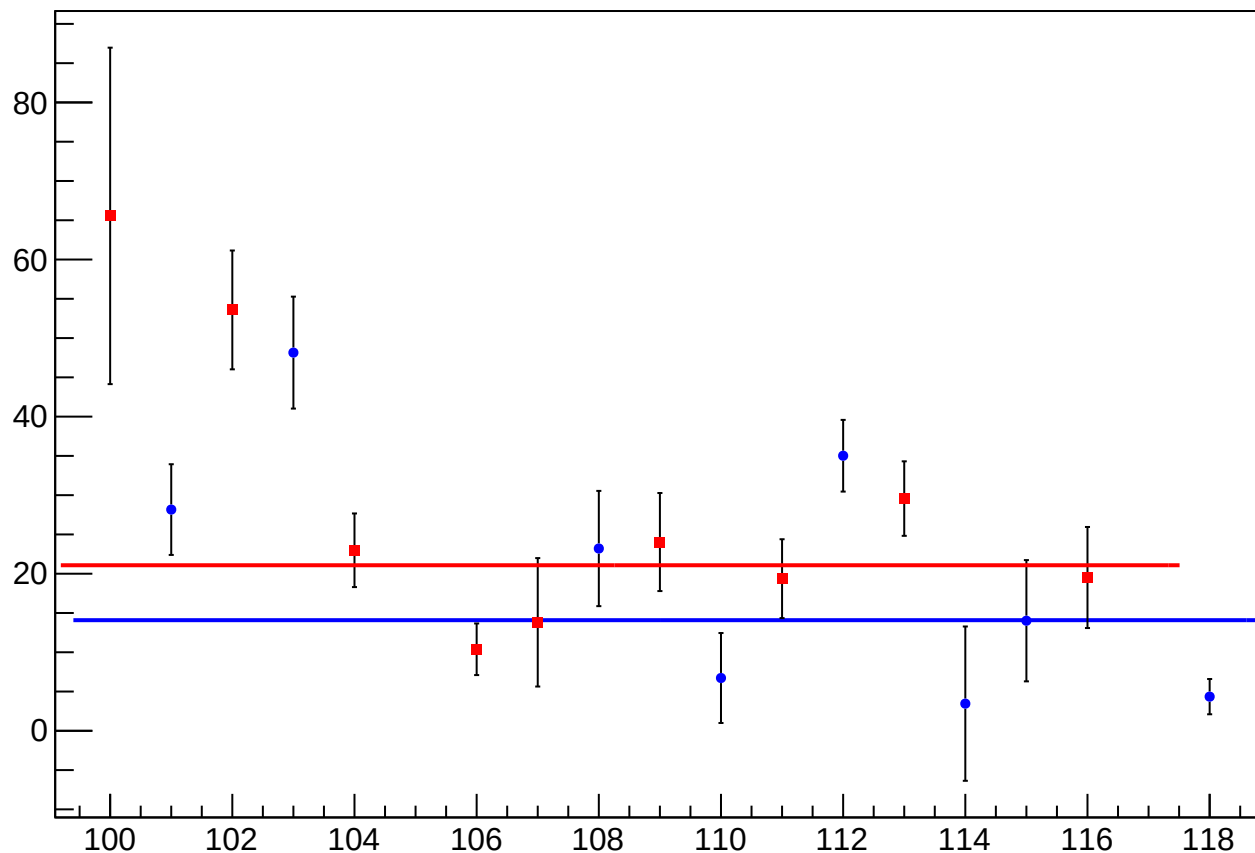
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -174.026 ± 1.065 χ^2/NDF : 2336.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.084 $\pm$ 1.639 χ^2 /NDF: 73.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.078 $\pm$ 1.806 χ^2 /NDF: 37.9/8

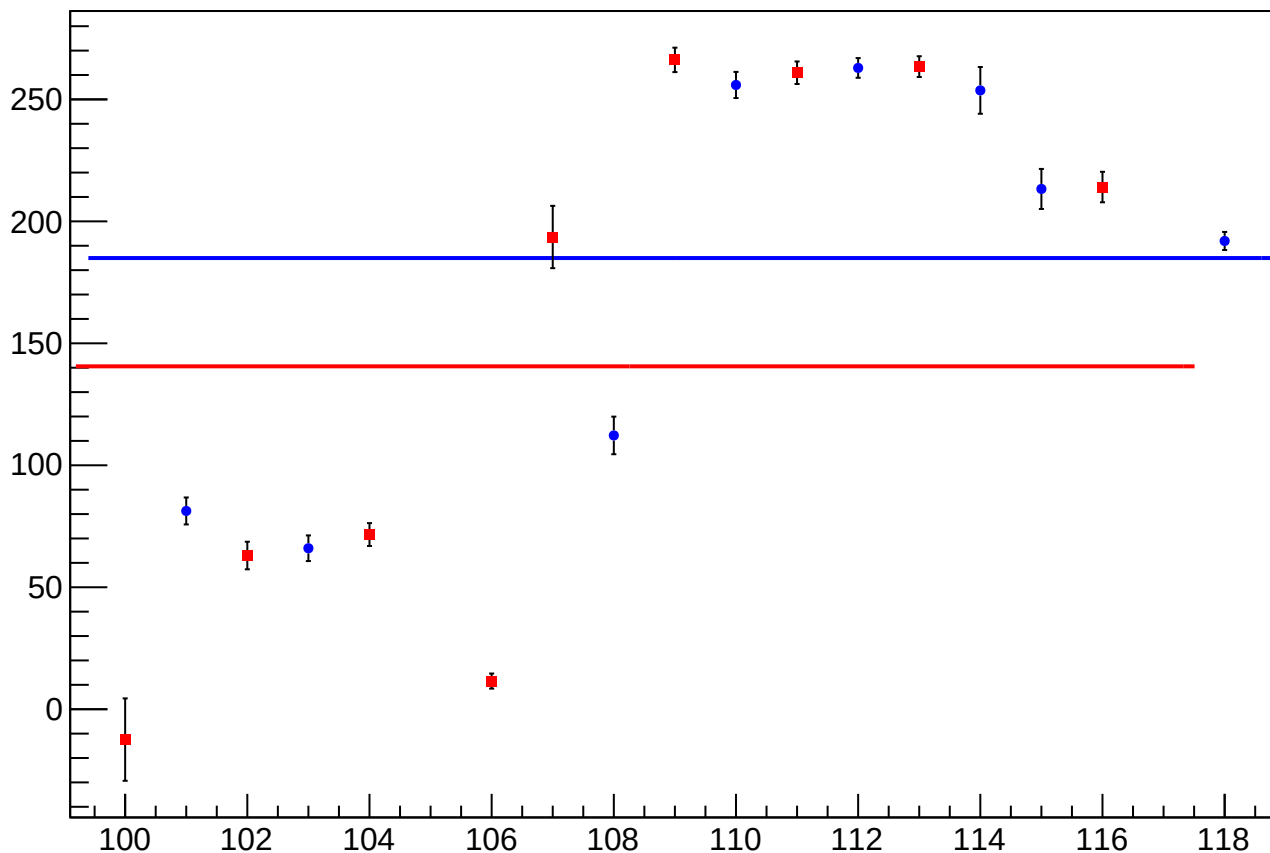
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.243 $\pm$ 1.214 χ^2 /NDF: 119.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



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: 140.563+/-1.669 χ^2/NDF : 4528.8/8

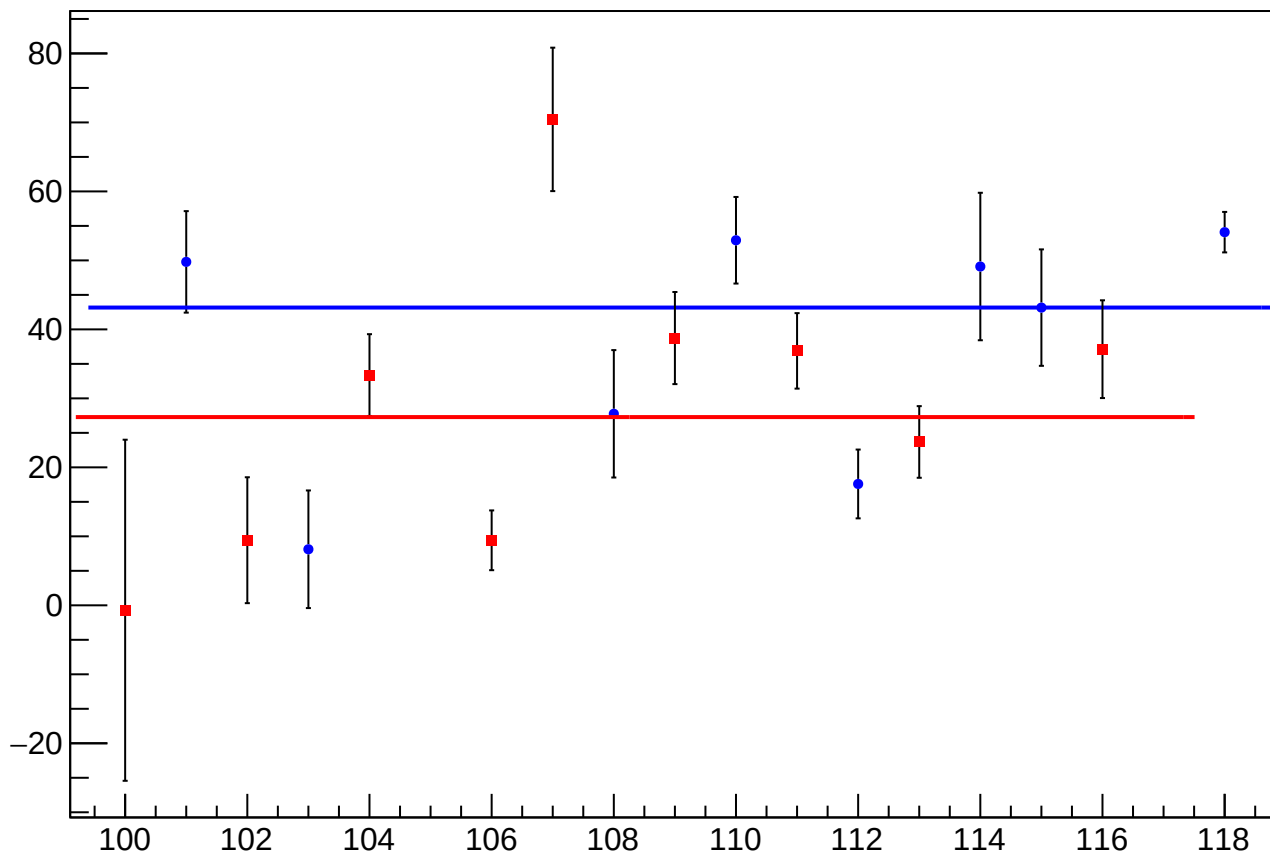
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.037+/-1.251 χ^2/NDF : 6406.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



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: 27.287 $\pm$ 2.144 χ^2 /NDF: 48.8/8

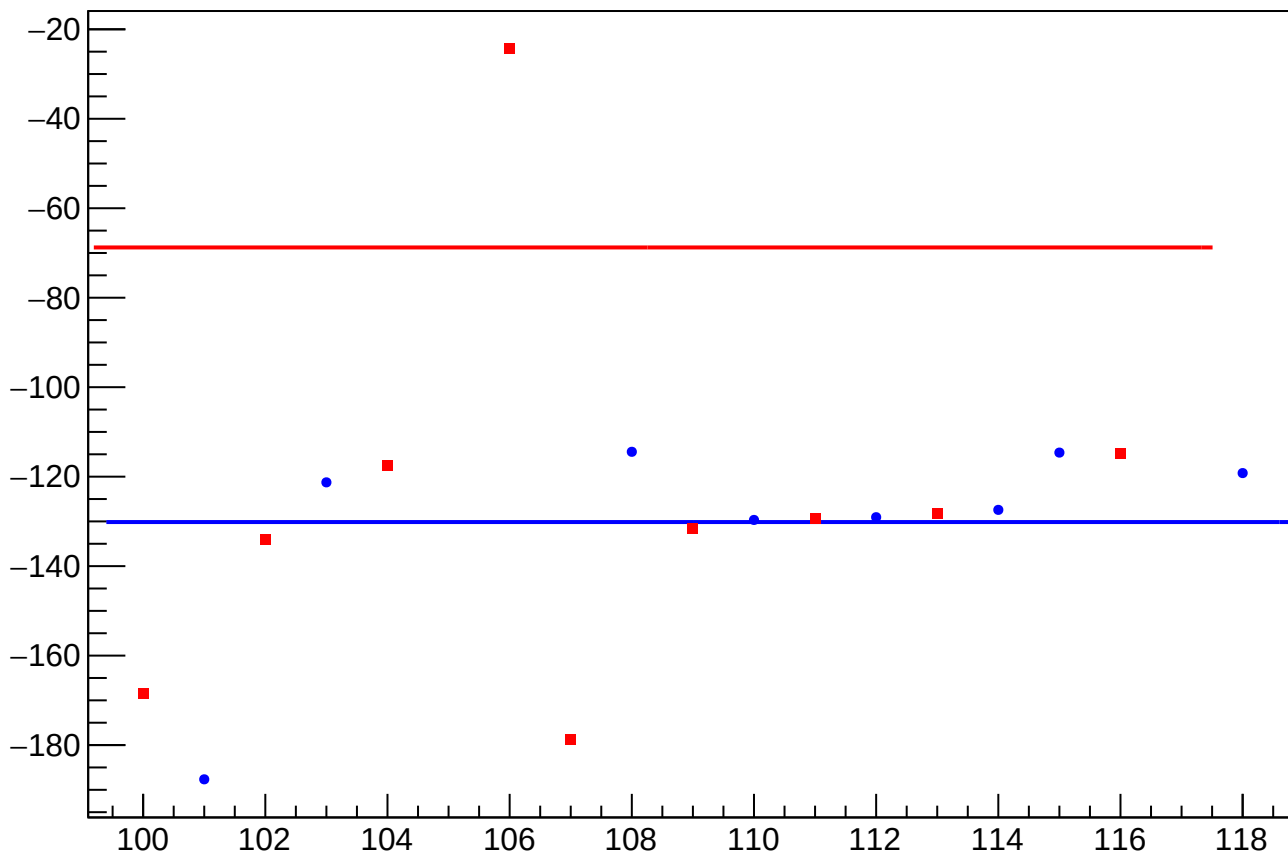
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.754 $\pm$ 1.465 χ^2 /NDF: 141.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



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: -68.764 ± 0.078 χ^2/NDF : 466292.4/8

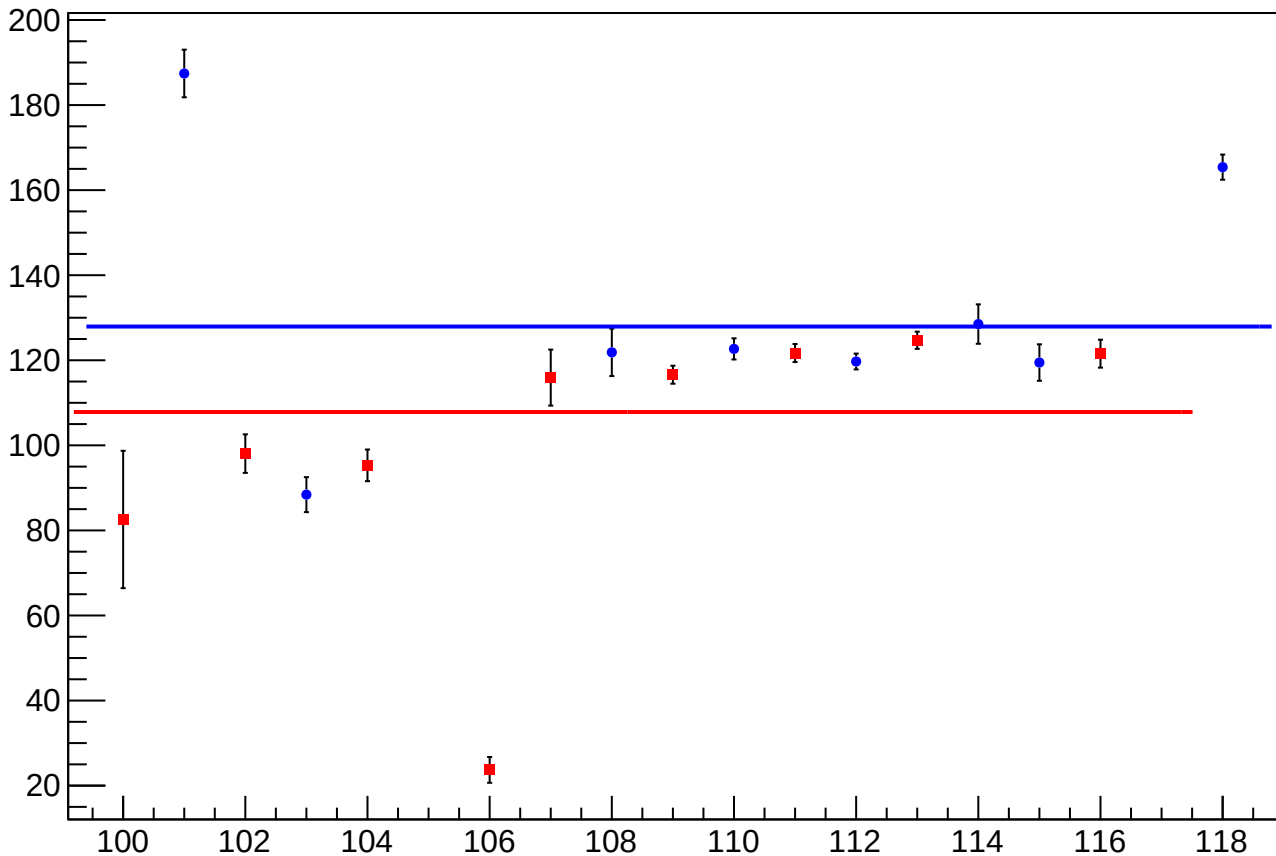
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.181 ± 0.065 χ^2/NDF : 690457.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 127.930 ± 1.126 $\chi^2/\text{NDF}: 394.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 107.836 ± 0.981 $\chi^2/\text{NDF}: 936.8/8$

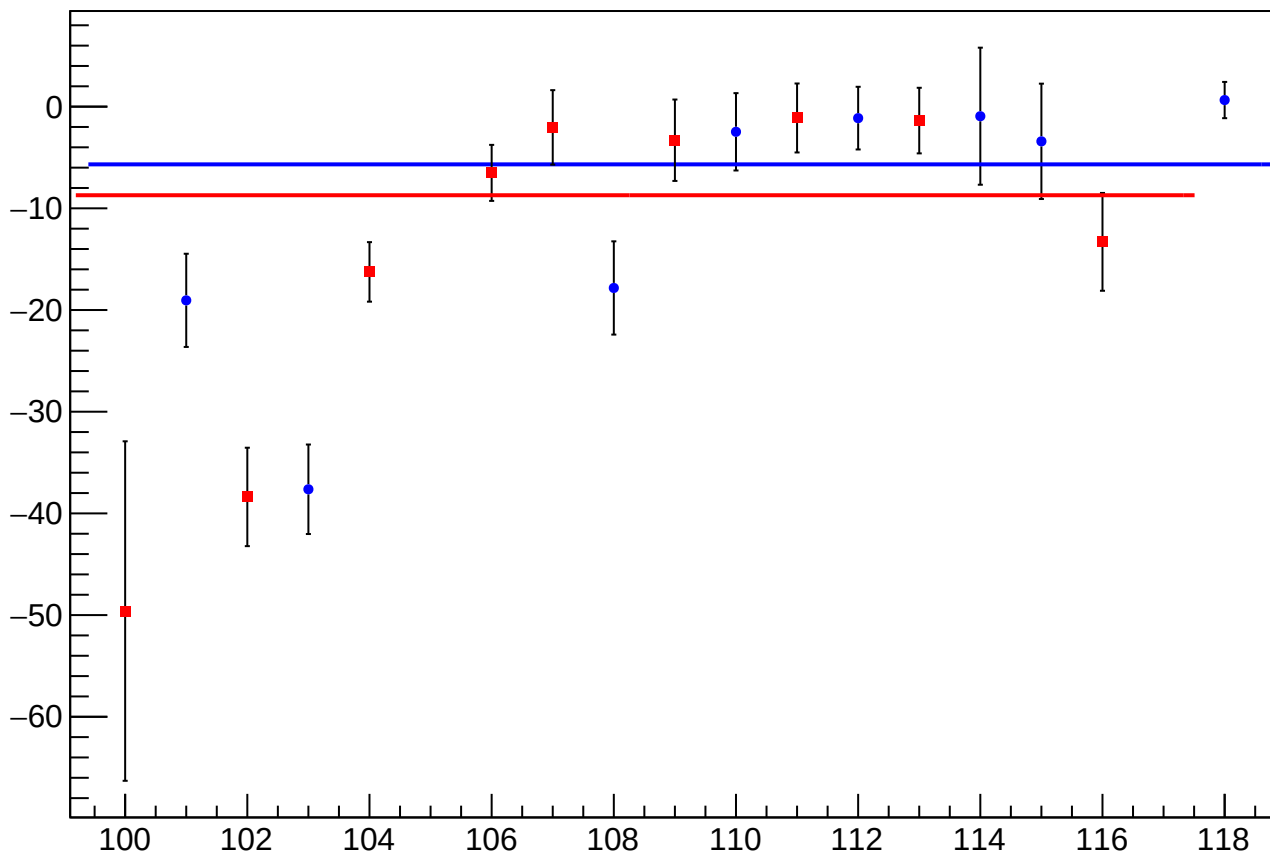
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 116.502 ± 0.740 $\chi^2/\text{NDF}: 1512.6/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



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: -8.712+/-1.233 χ^2/NDF : 67.1/8

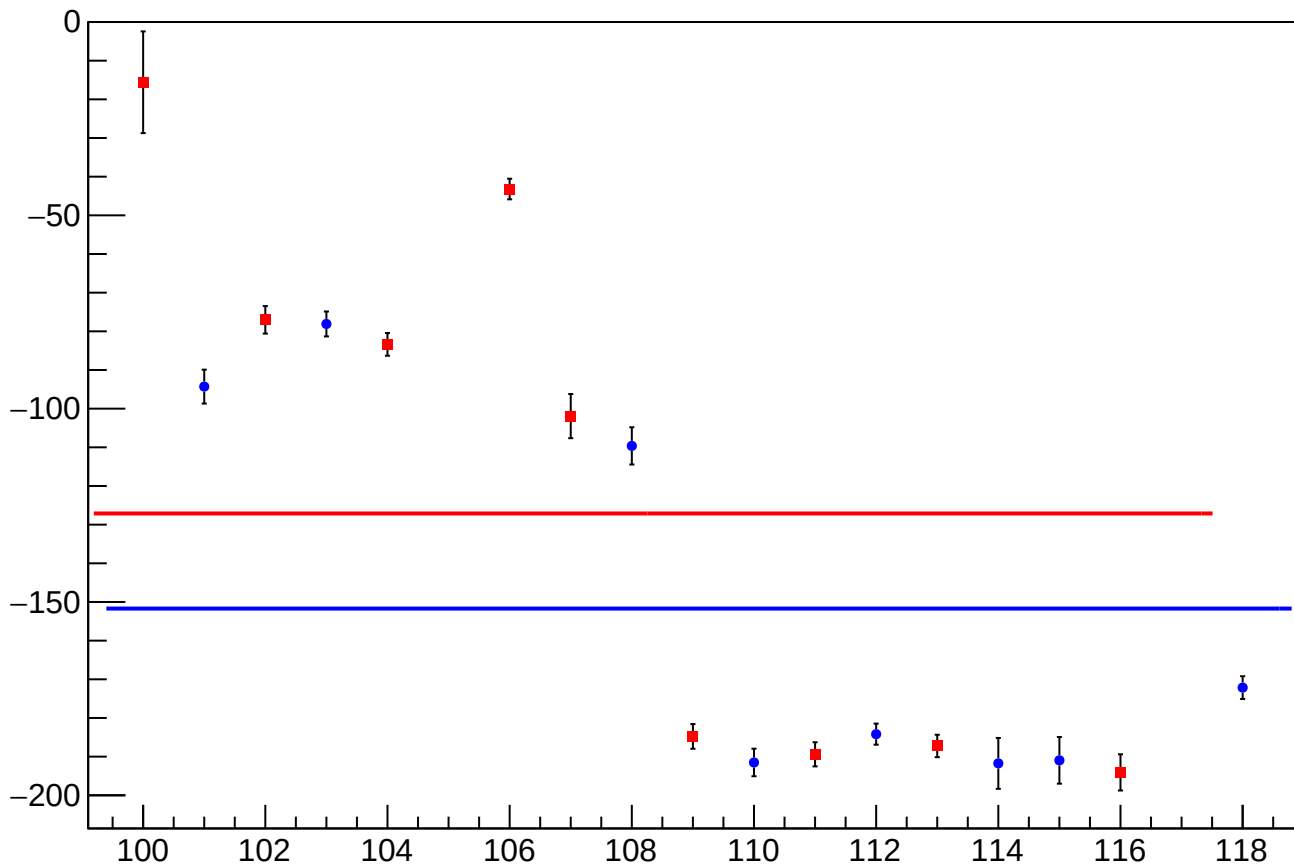
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.160+/-0.862 χ^2/NDF : 154.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -151.702 $\pm$ 1.324 χ^2 /NDF: 1161.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -127.106 $\pm$ 1.164 χ^2 /NDF: 2863.7/8

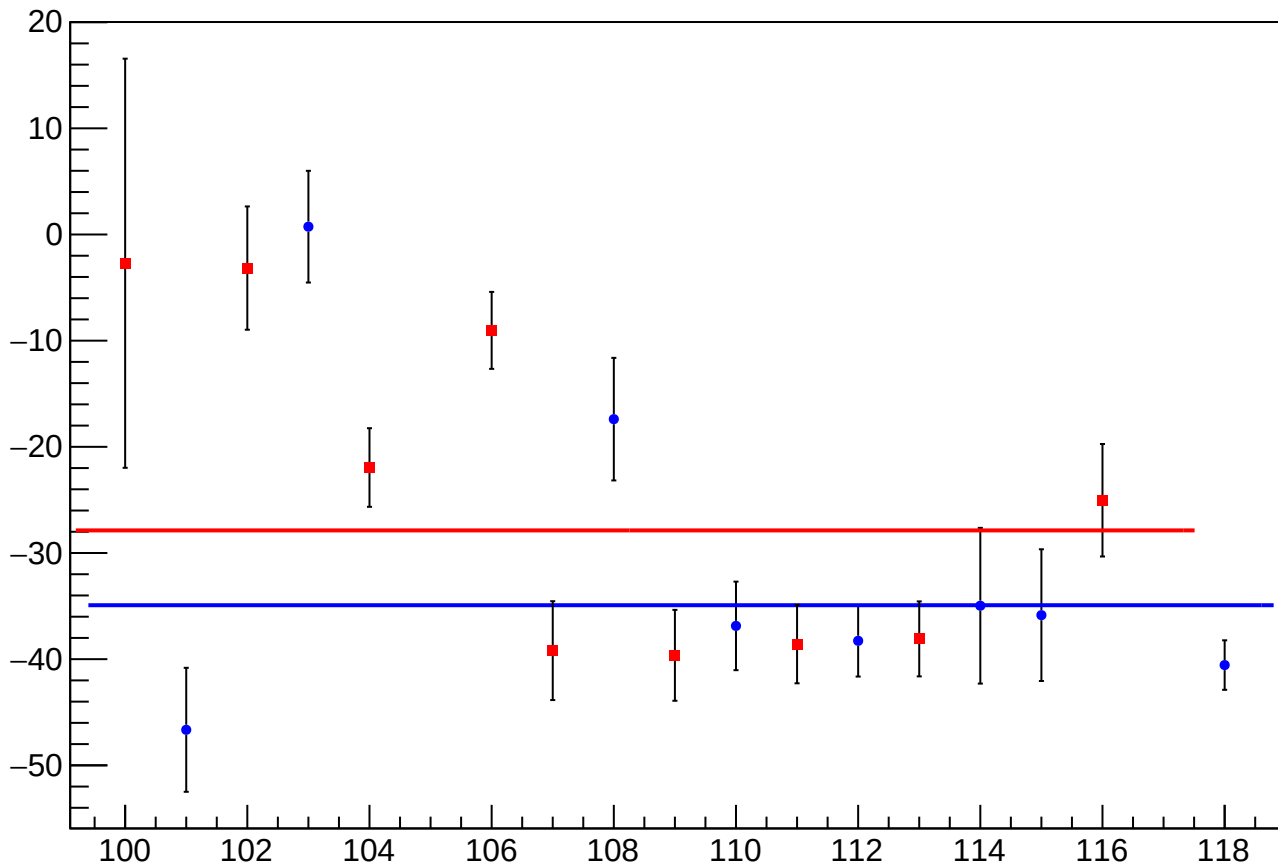
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -137.826 $\pm$ 0.874 χ^2 /NDF: 4220.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -34.918 ± 1.459 $\chi^2/\text{NDF}: 66.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -27.871 ± 1.457 $\chi^2/\text{NDF}: 79.9/8$

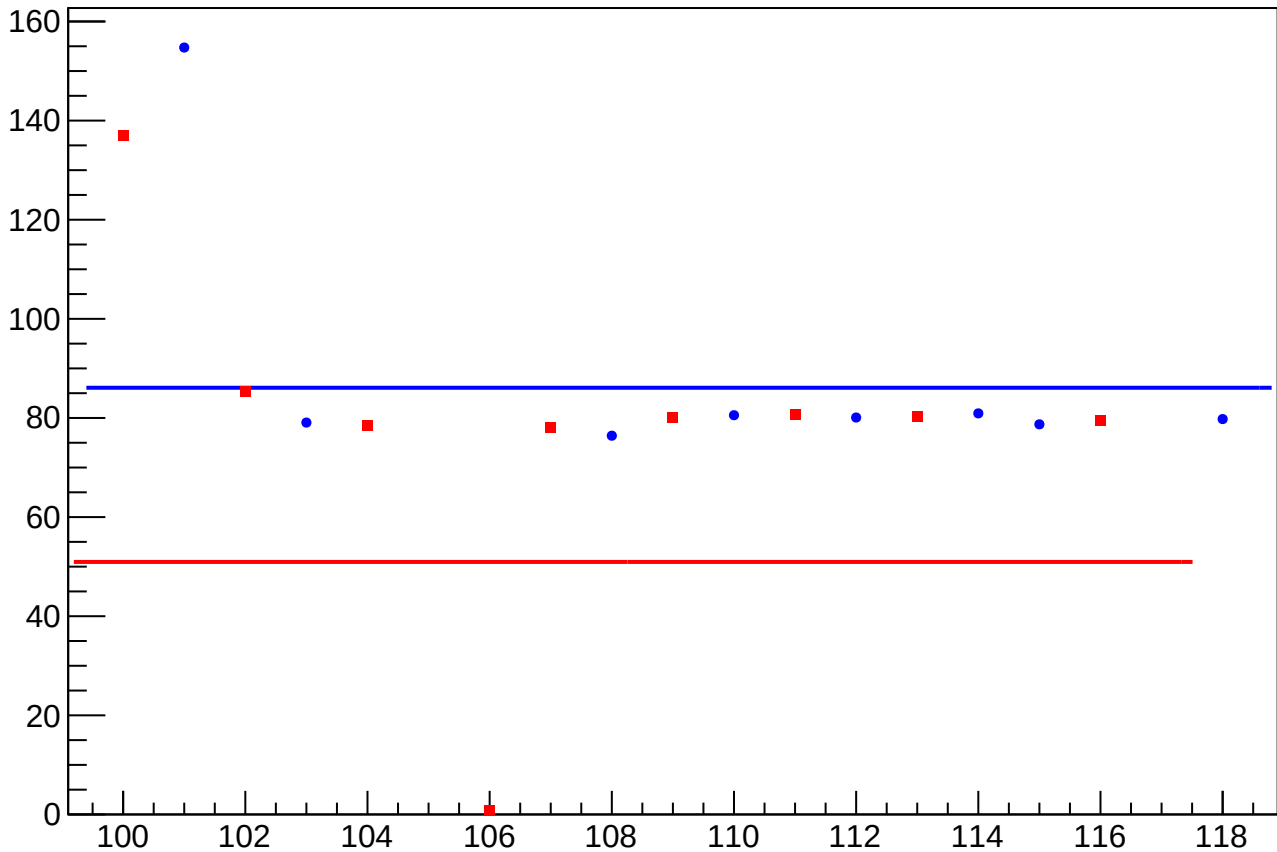
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -31.390 ± 1.031 $\chi^2/\text{NDF}: 157.8/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 86.098 $\pm$ 0.080 χ^2 /NDF: 76042.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.952 $\pm$ 0.059 χ^2 /NDF: 442655.4/8

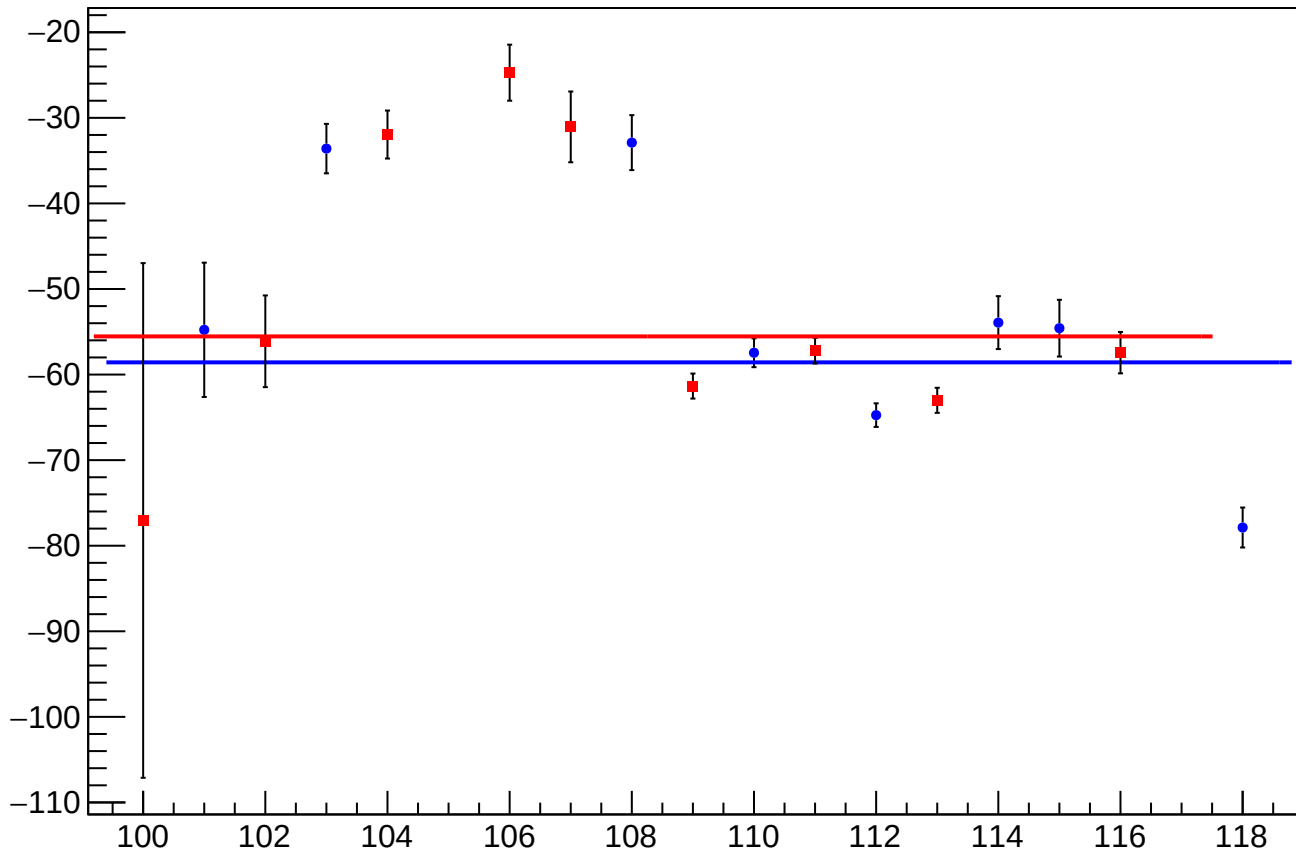
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.393 $\pm$ 0.048 χ^2 /NDF: 642913.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



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: -55.541+/-0.732 χ^2/NDF : 238.6/8

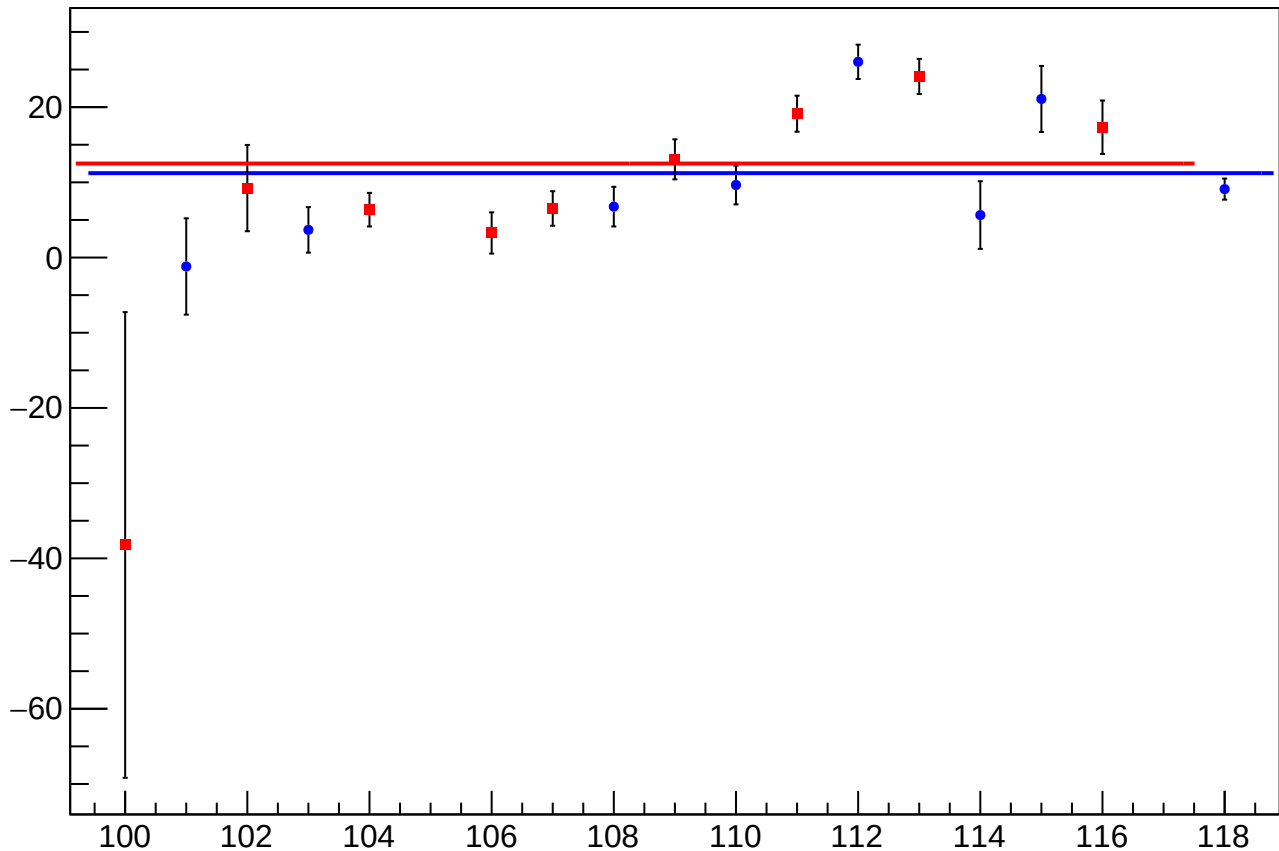
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.889+/-0.546 χ^2/NDF : 477.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



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: 12.500+/-0.940 χ^2/NDF : 62.8/8

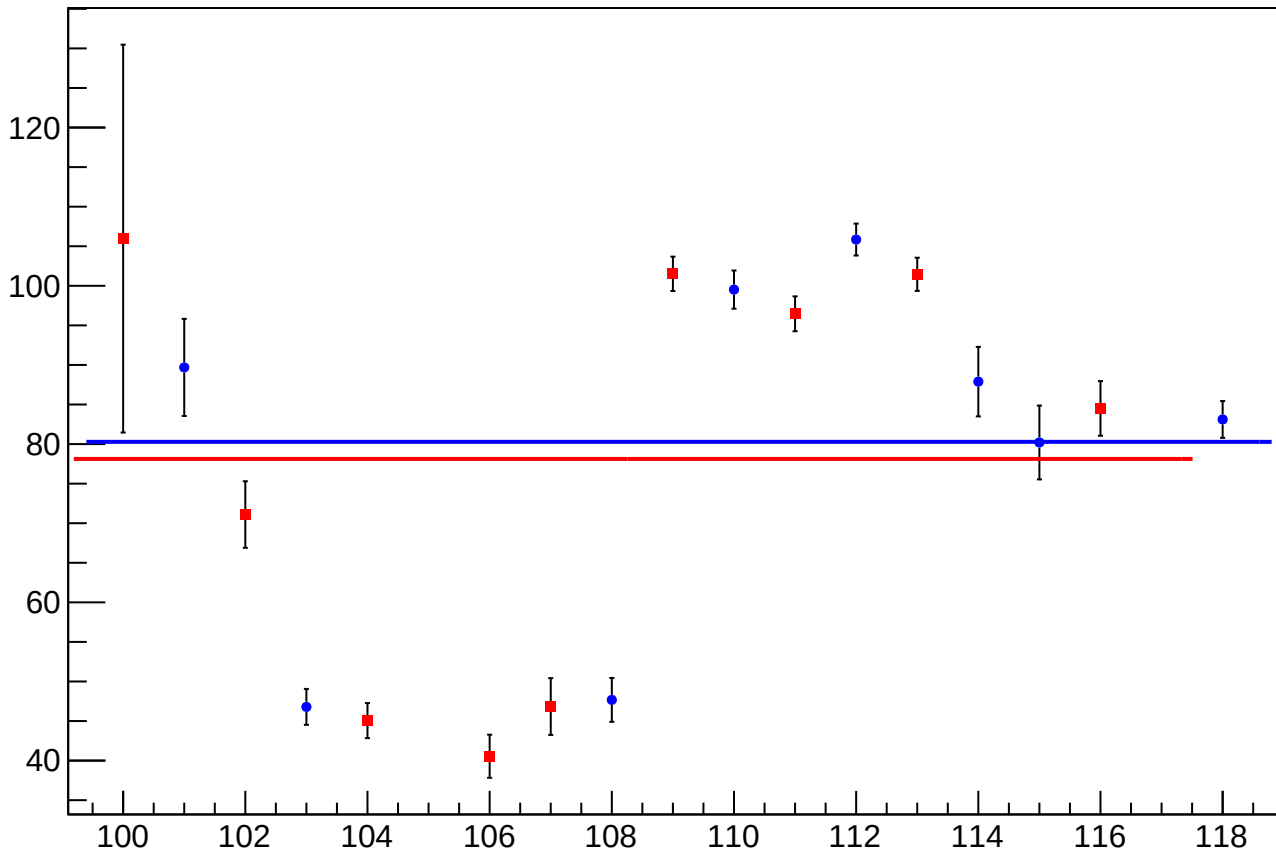
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.834+/-0.651 χ^2/NDF : 127.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



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: 78.123+/-0.911 χ^2/NDF : 806.7/8

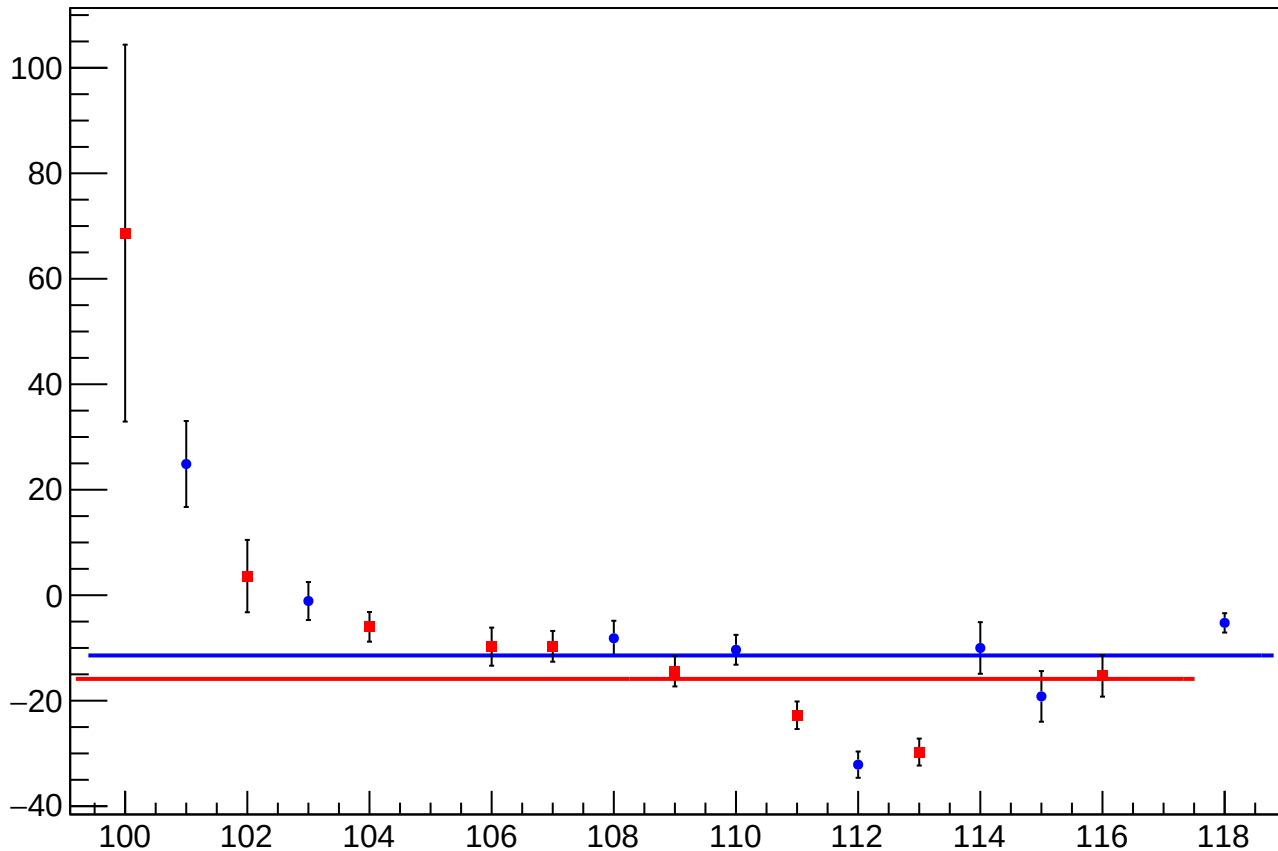
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.129+/-0.666 χ^2/NDF : 1396.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



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: -15.868 ± 1.099 χ^2/NDF : 70.0/8

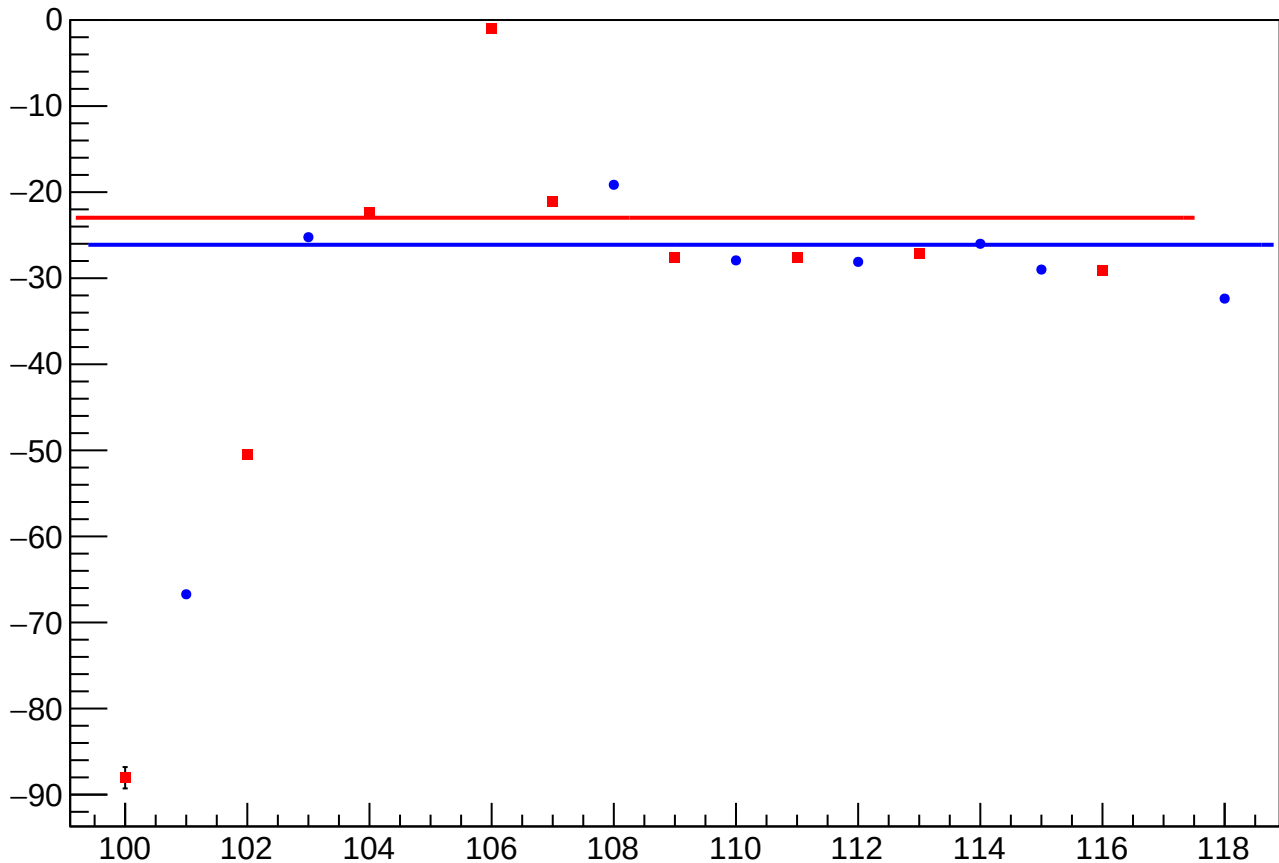
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.615 ± 0.772 χ^2/NDF : 190.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -26.115+/-0.057 χ^2/NDF : 17877.1/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.974+/-0.052 χ^2/NDF : 59633.2/8

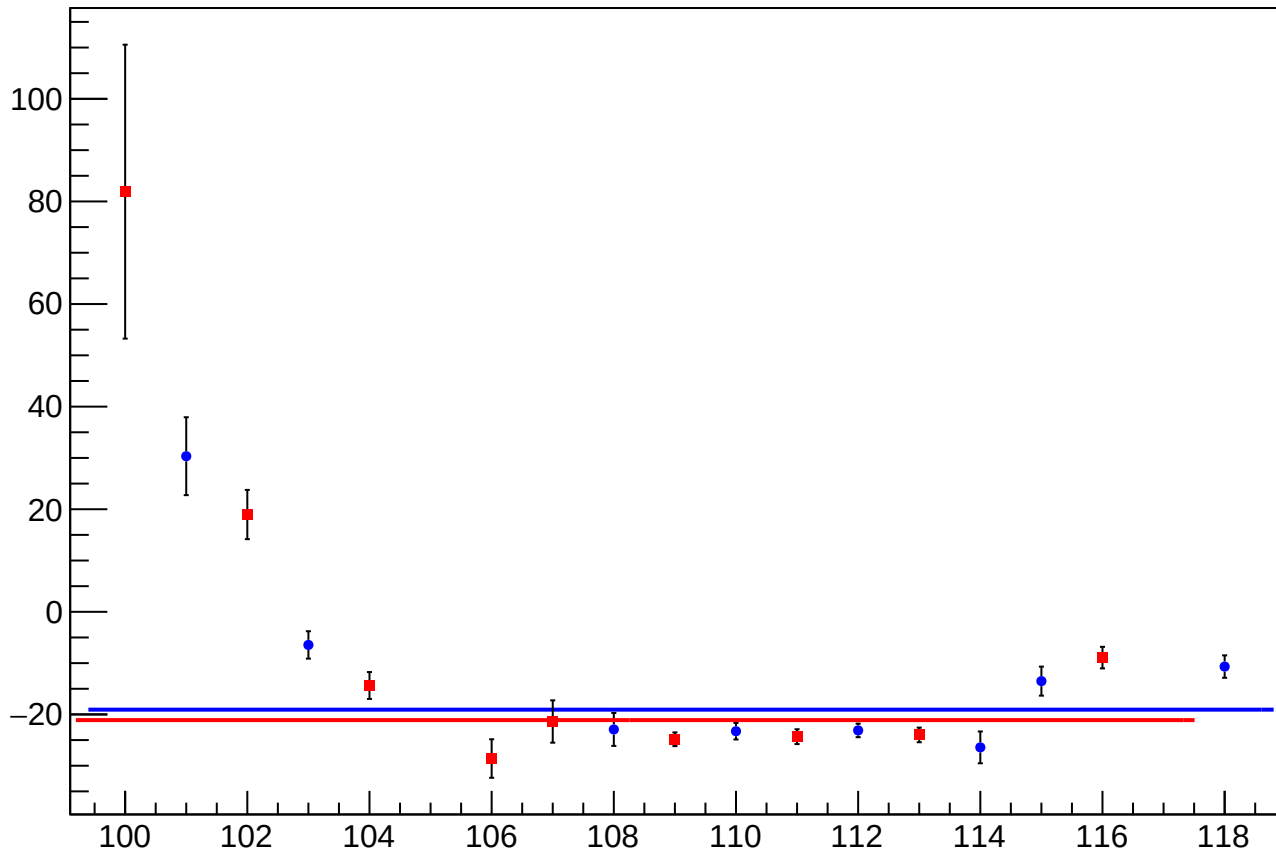
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.420+/-0.039 χ^2/NDF : 79159.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -19.070 ± 0.778 χ^2/NDF : 106.5/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.109 ± 0.693 χ^2/NDF : 143.8/8

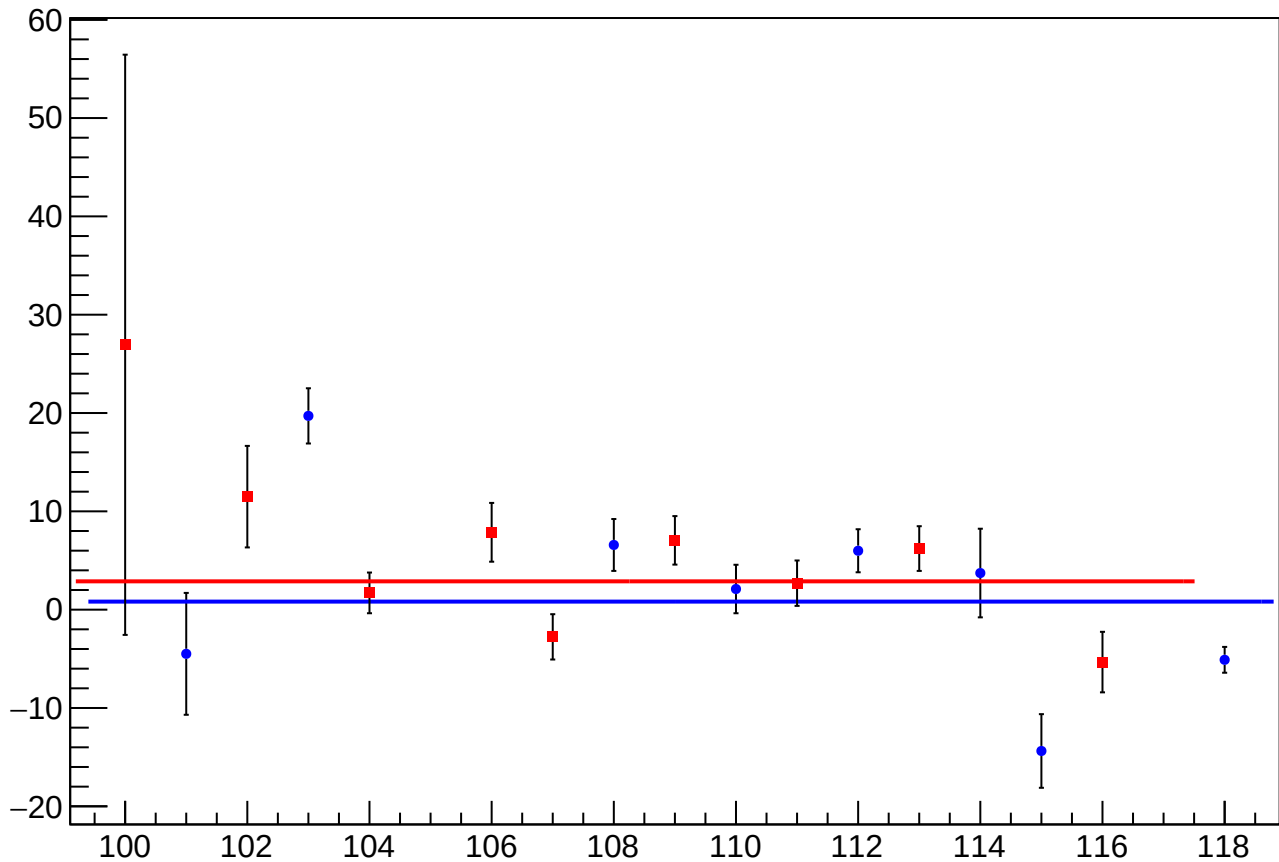
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.207 ± 0.518 χ^2/NDF : 254.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



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: 2.880+/-0.904 χ^2/NDF : 24.7/8

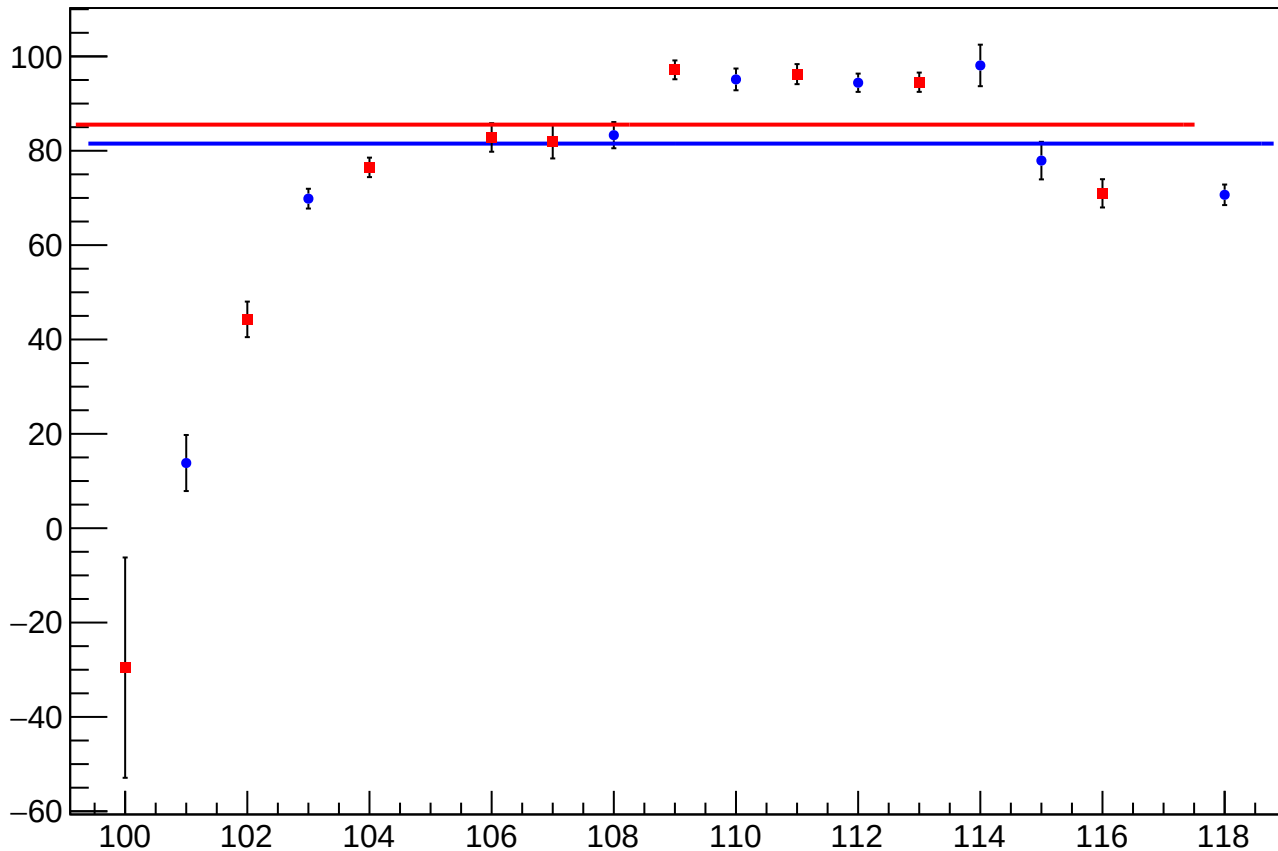
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.791+/-0.621 χ^2/NDF : 121.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 81.517+/-0.926 χ^2 /NDF: 280.3/7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 85.539+/-0.871 χ^2 /NDF: 267.6/8

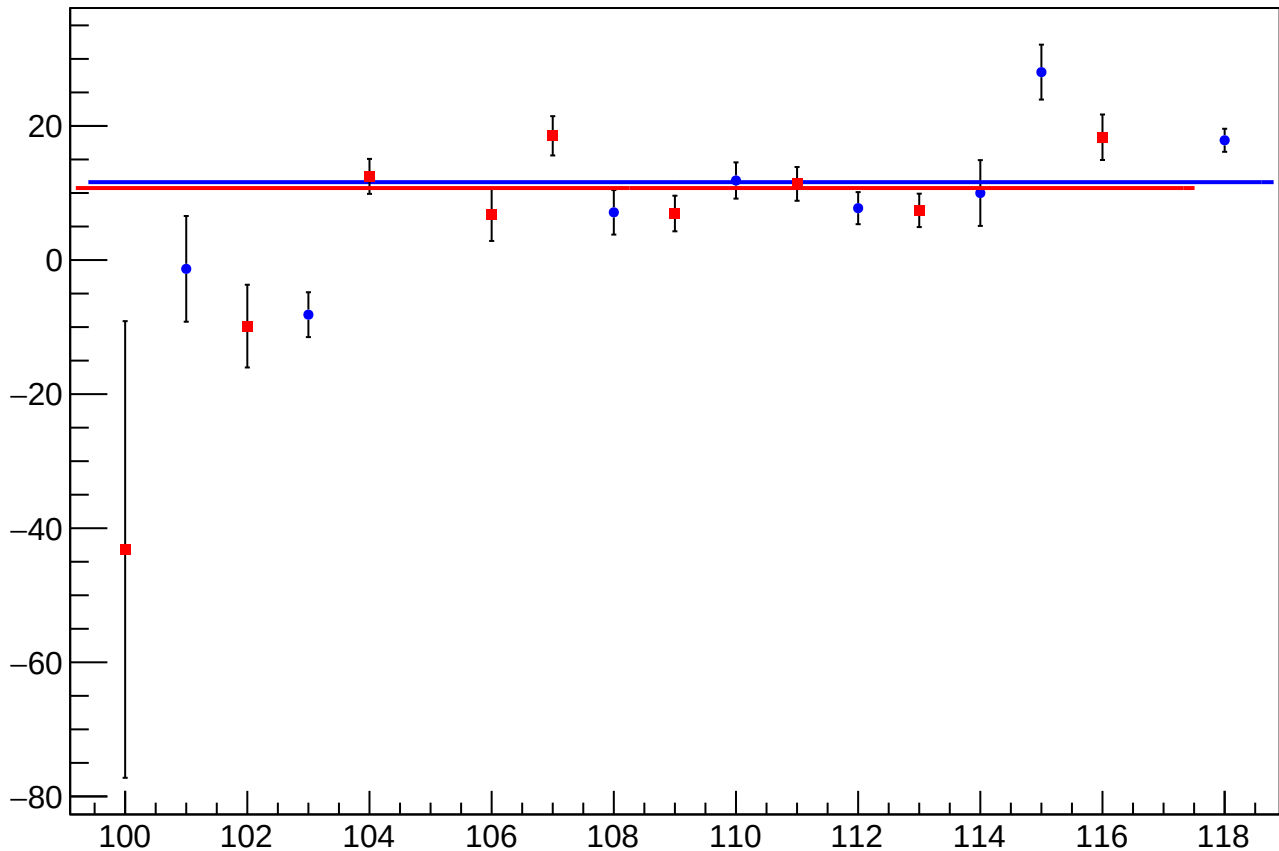
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 83.651+/-0.634 χ^2 /NDF: 558.0/16

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 11.617 $\pm$ 1.027 χ^2 /NDF: 71.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.738 $\pm$ 1.052 χ^2 /NDF: 31.1/8

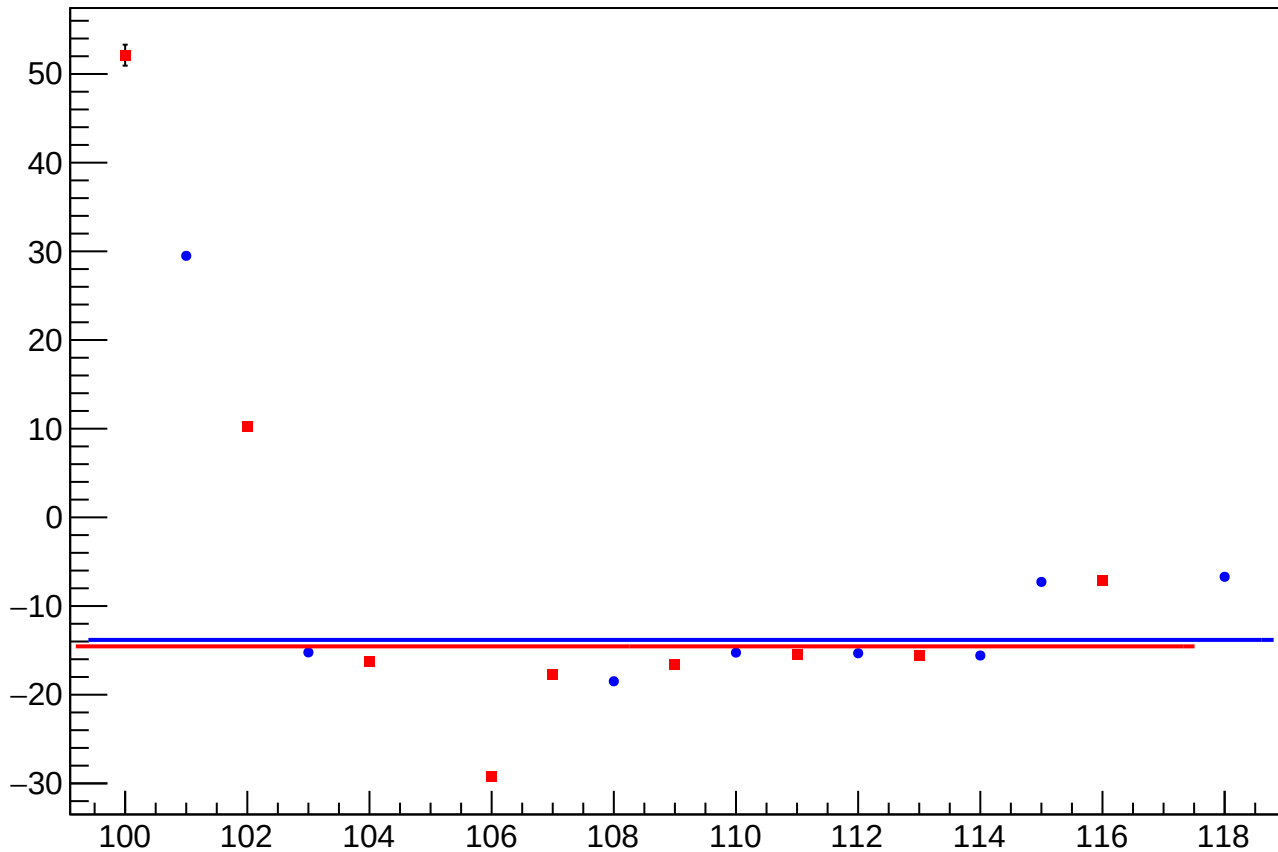
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.188 $\pm$ 0.735 χ^2 /NDF: 102.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



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: -14.548 $\pm$ 0.051 χ^2 /NDF: 38893.4/8

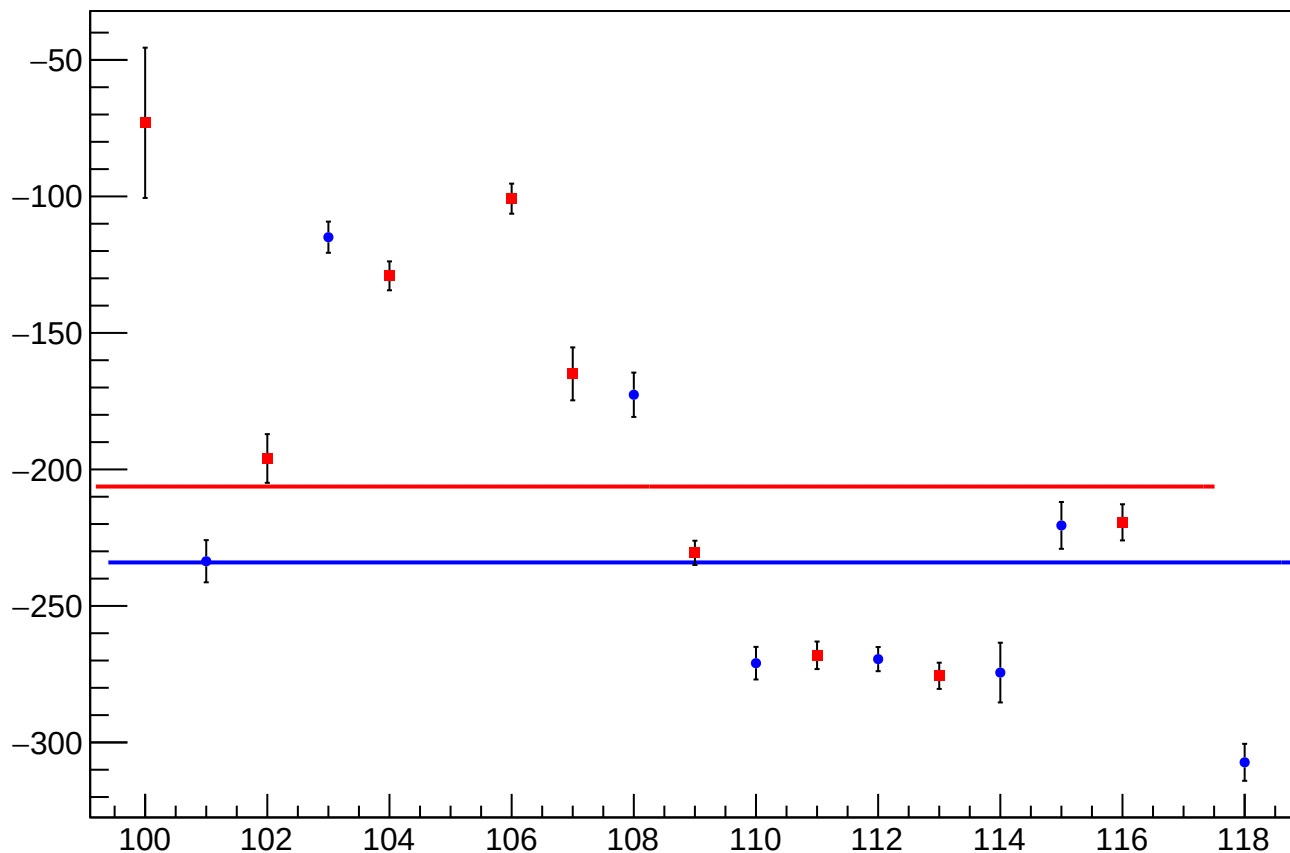
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.202 $\pm$ 0.037 χ^2 /NDF: 58532.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -234.069 $\pm$ 2.321 χ^2 /NDF: 728.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -206.267 $\pm$ 2.002 χ^2 /NDF: 1014.6/8

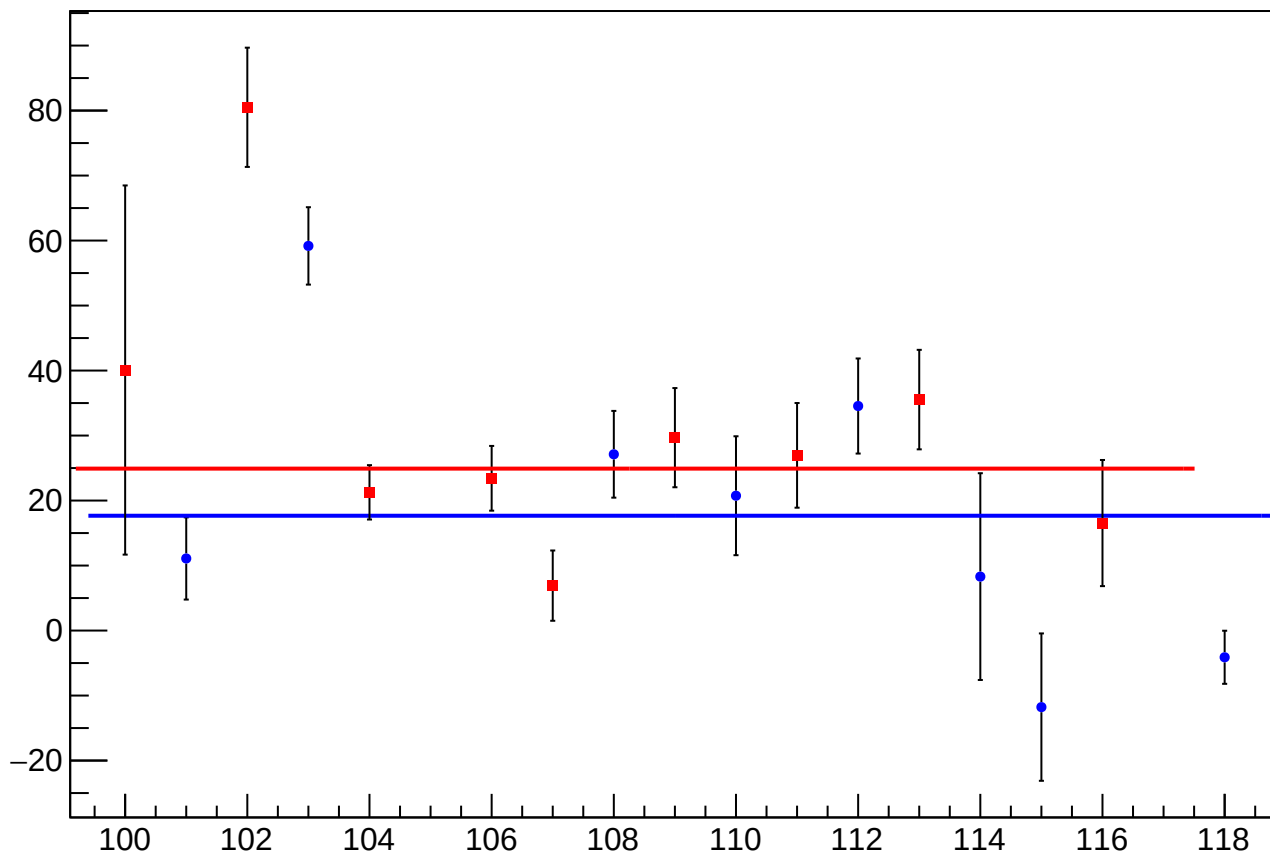
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -218.127 $\pm$ 1.516 χ^2 /NDF: 1824.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



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: 24.914+/-2.208 χ^2/NDF : 52.1/8

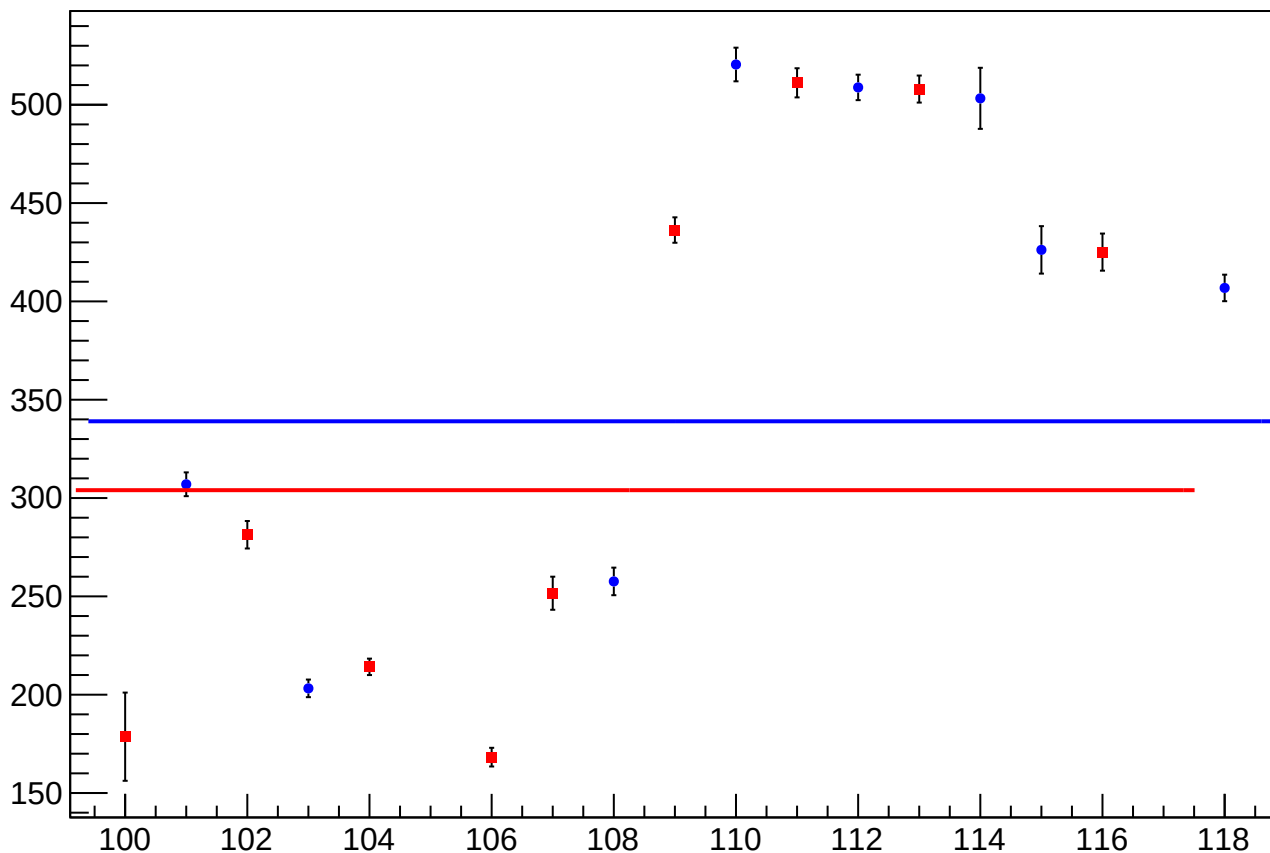
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.546+/-1.615 χ^2/NDF : 149.7/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 339.033 $\pm$ 2.439 χ^2 /NDF: 2484.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 304.000 $\pm$ 2.168 χ^2 /NDF: 3603.8/8

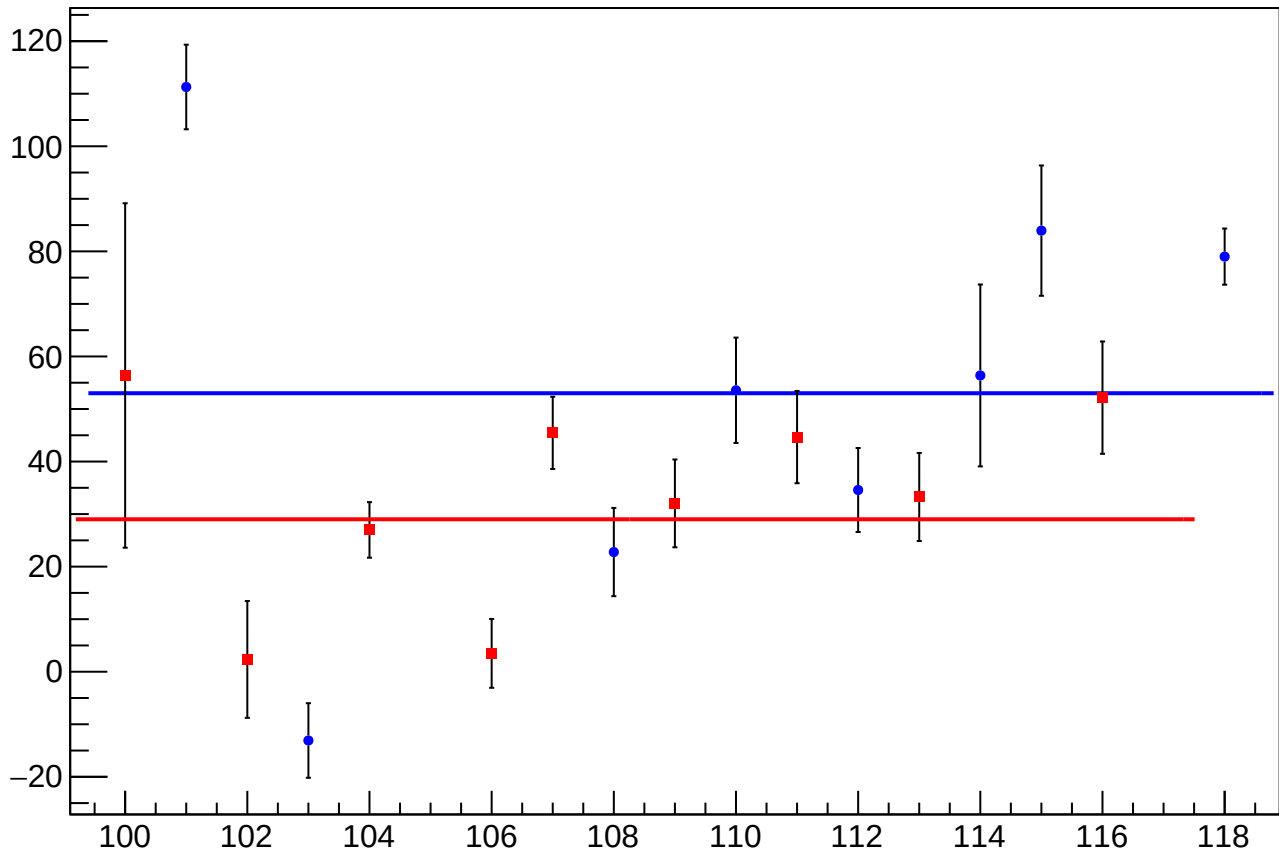
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.463 $\pm$ 1.621 χ^2 /NDF: 6203.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



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: 29.013 $\pm$ 2.677 χ^2/NDF : 35.8/8

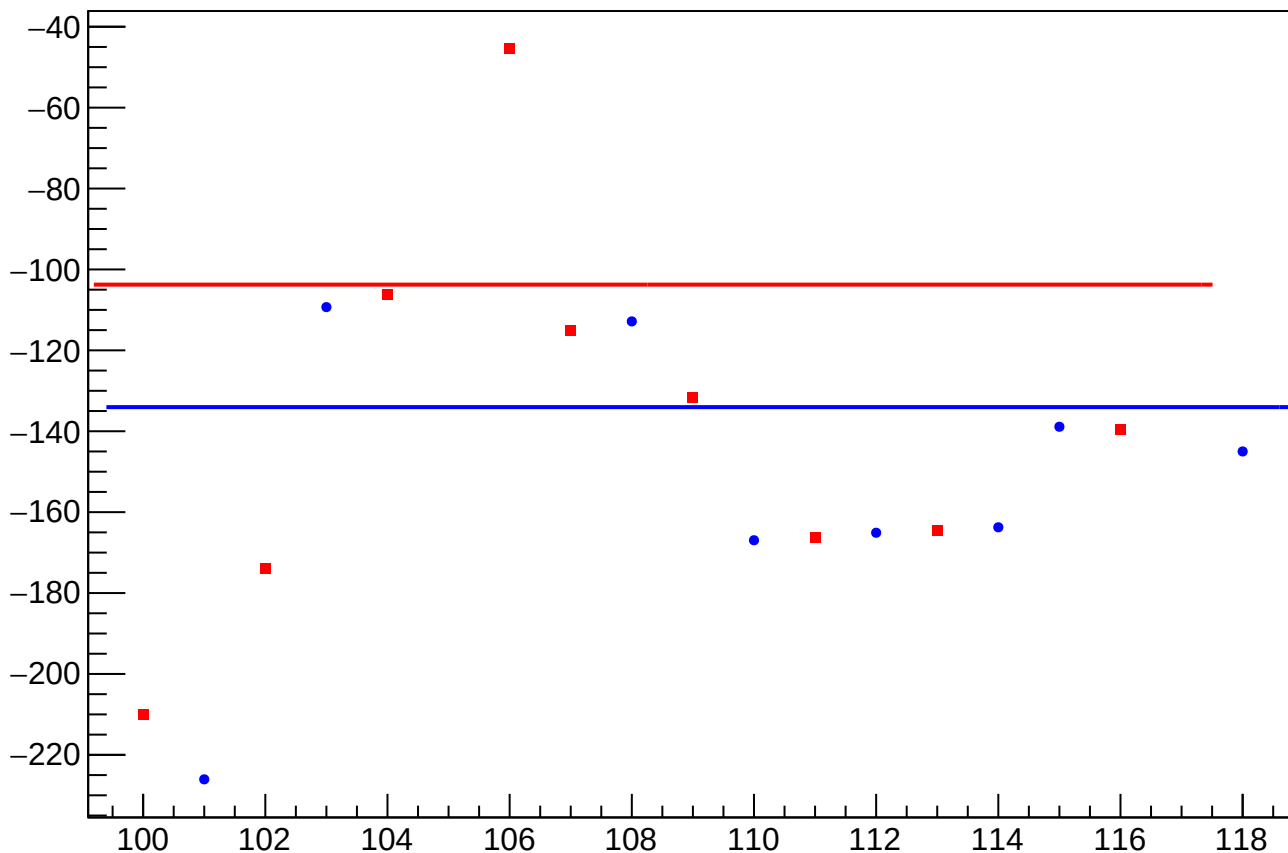
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 40.099 $\pm$ 1.963 χ^2/NDF : 260.1/16

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



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: -103.754 ± 0.107 χ^2/NDF : 190549.7/8

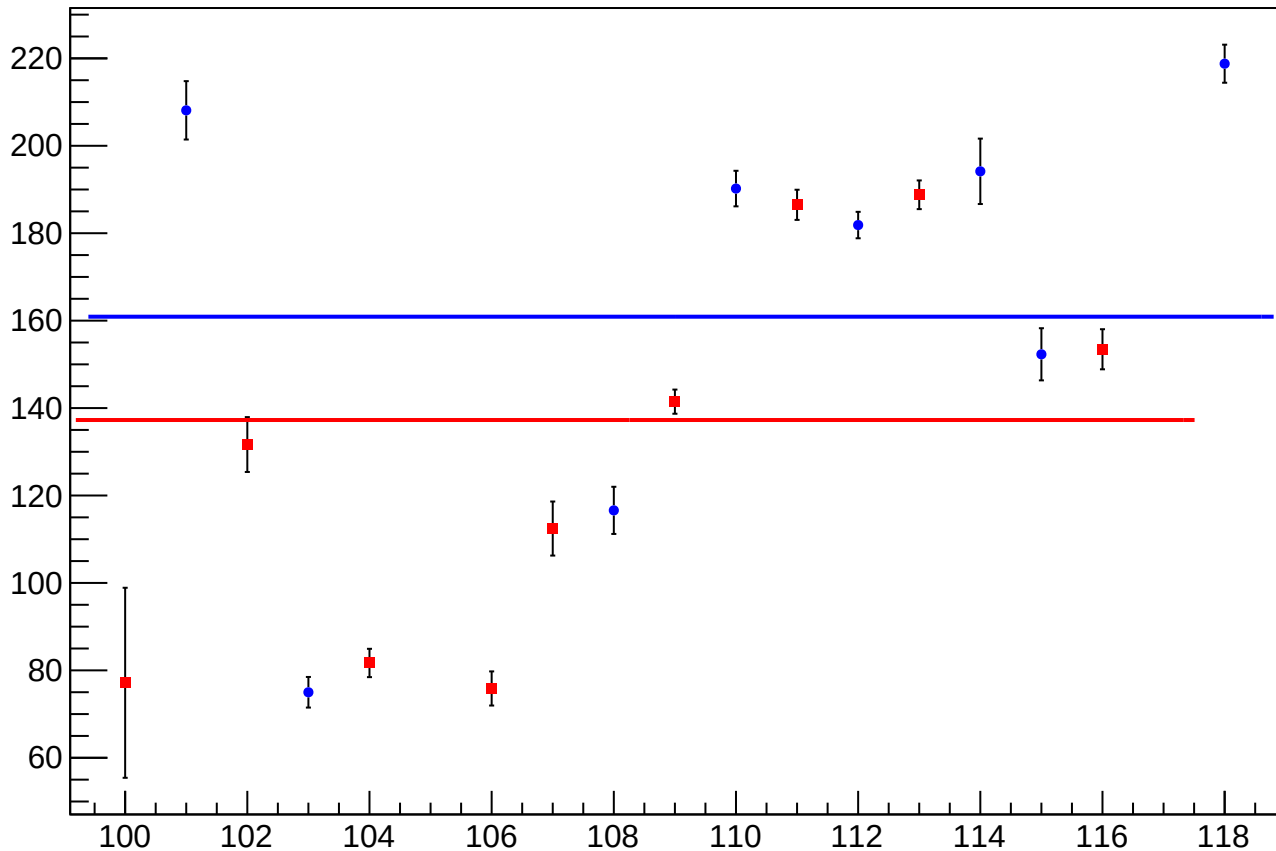
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -116.093 ± 0.083 χ^2/NDF : 317834.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 160.905 $\pm$ 1.568 χ^2 /NDF: 1017.7/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 137.270 $\pm$ 1.325 χ^2 /NDF: 1031.1/8

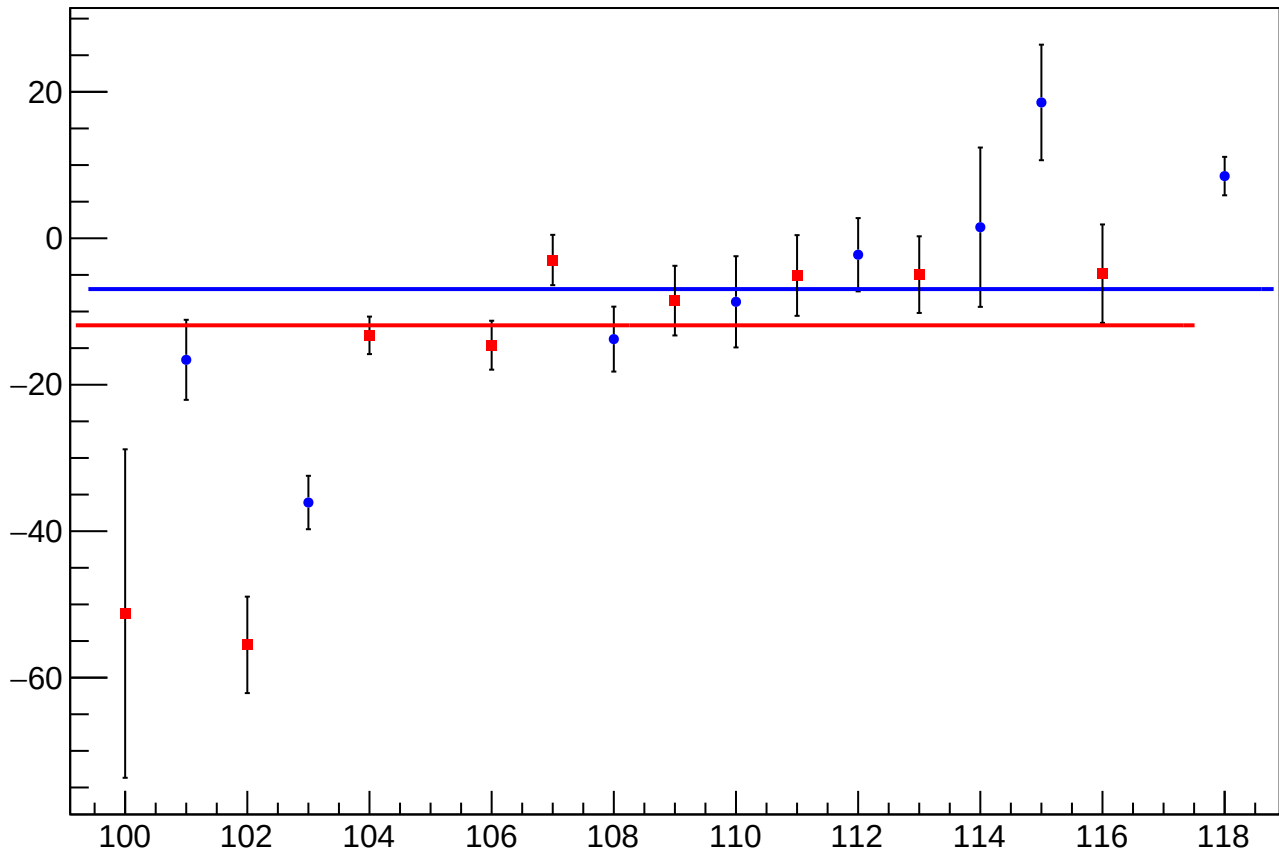
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.113 $\pm$ 1.012 χ^2 /NDF: 2181.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



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: -11.885+/-1.432 χ^2/NDF : 59.6/8

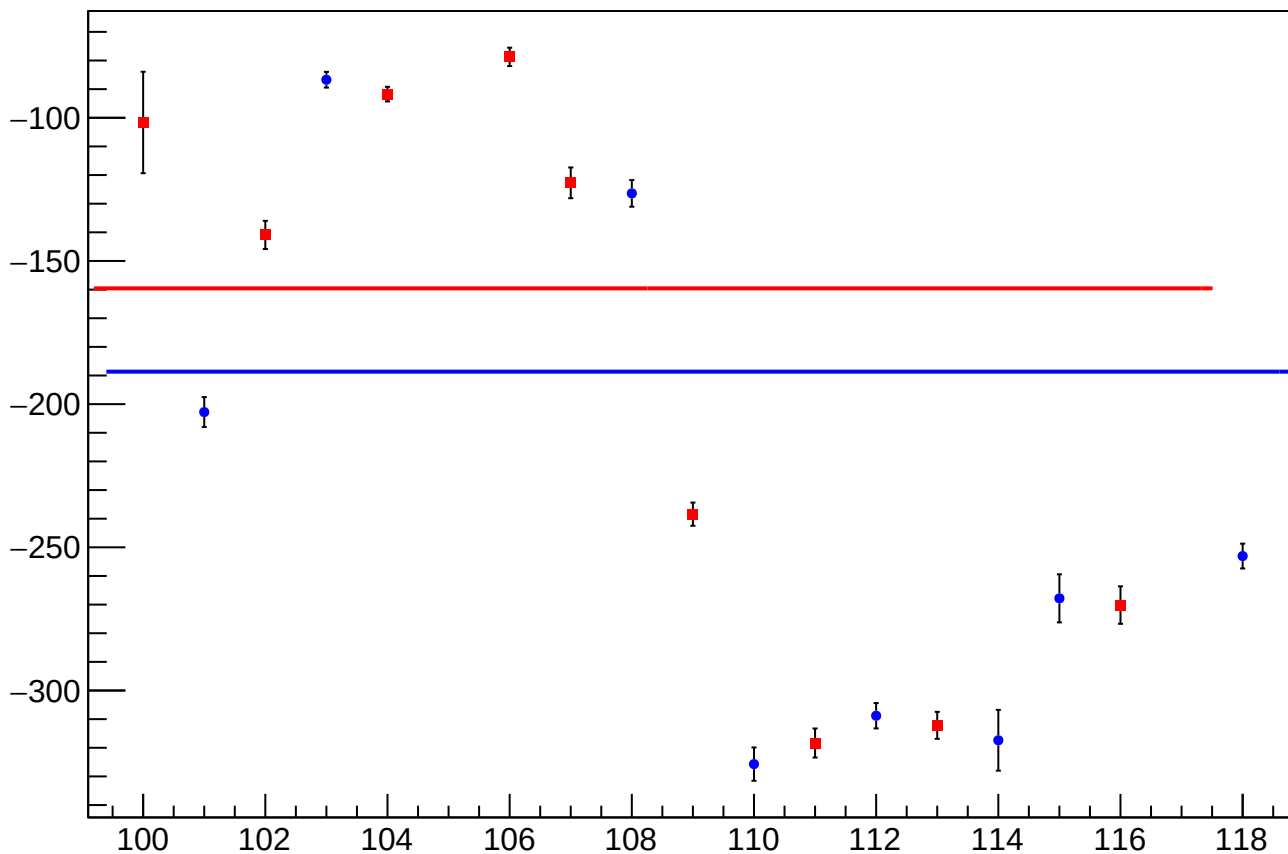
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.671+/-1.065 χ^2/NDF : 180.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



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: -159.568+/-1.418 χ^2/NDF : 4109.3/8

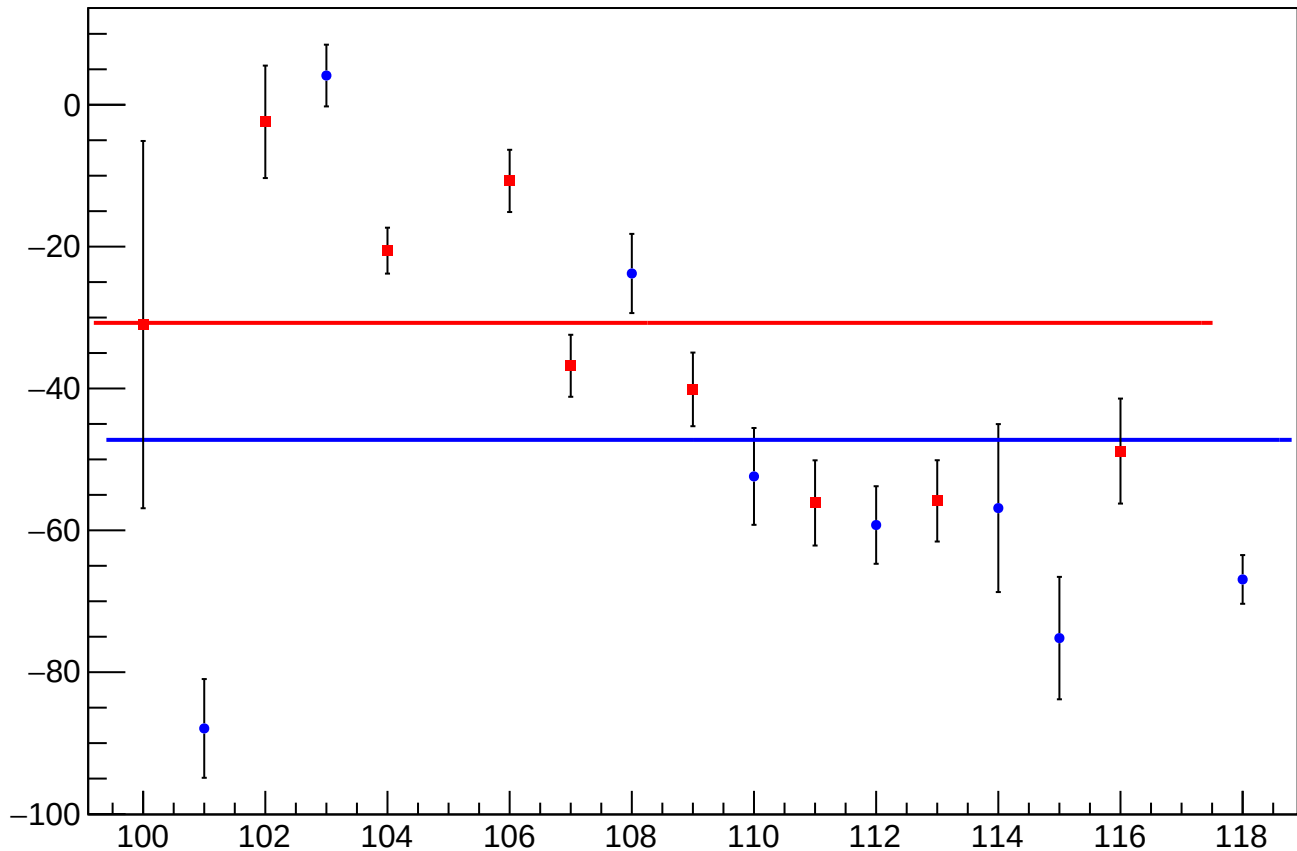
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.005+/-1.072 χ^2/NDF : 7596.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



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: -30.749 ± 1.739 χ^2/NDF : 91.7/8

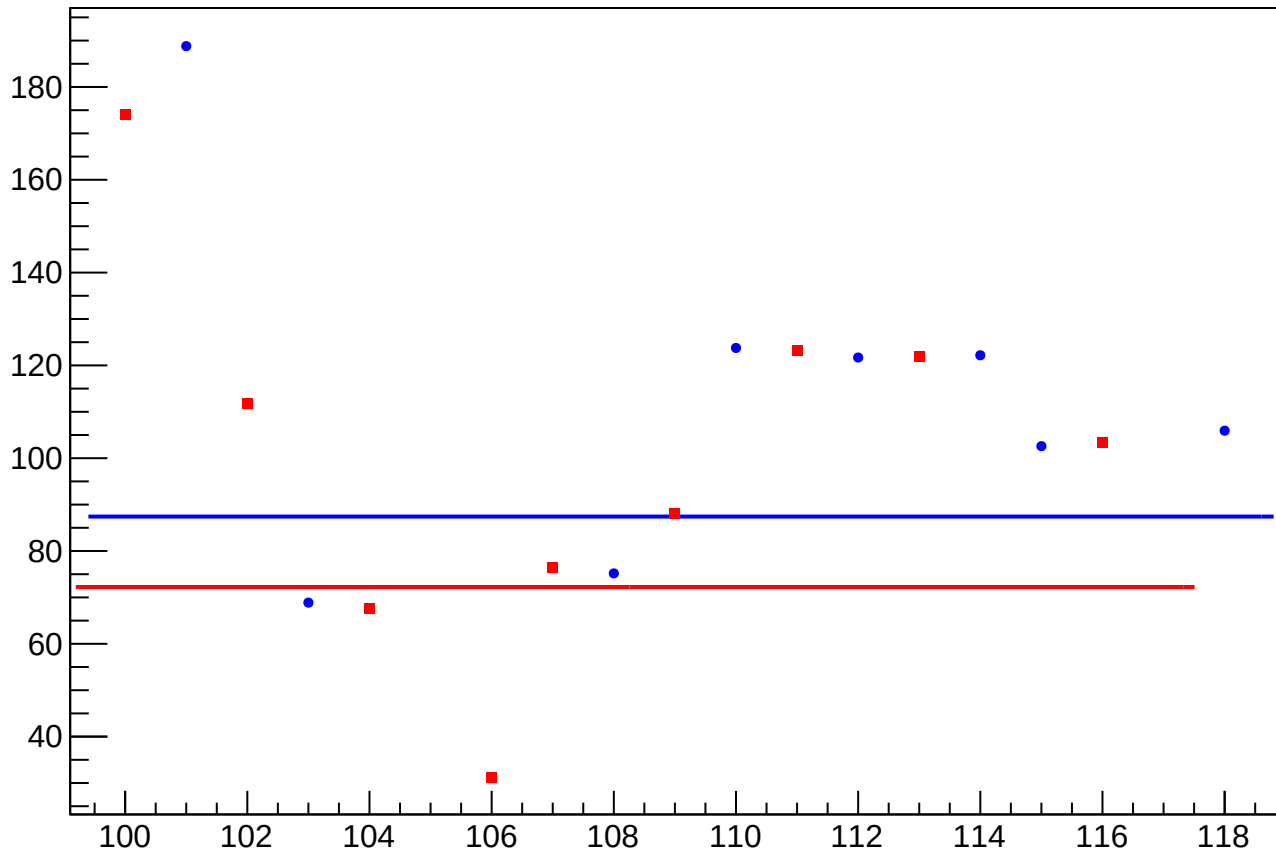
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.099 ± 1.295 χ^2/NDF : 372.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



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: 72.247+/-0.073 χ^2/NDF : 167552.3/8

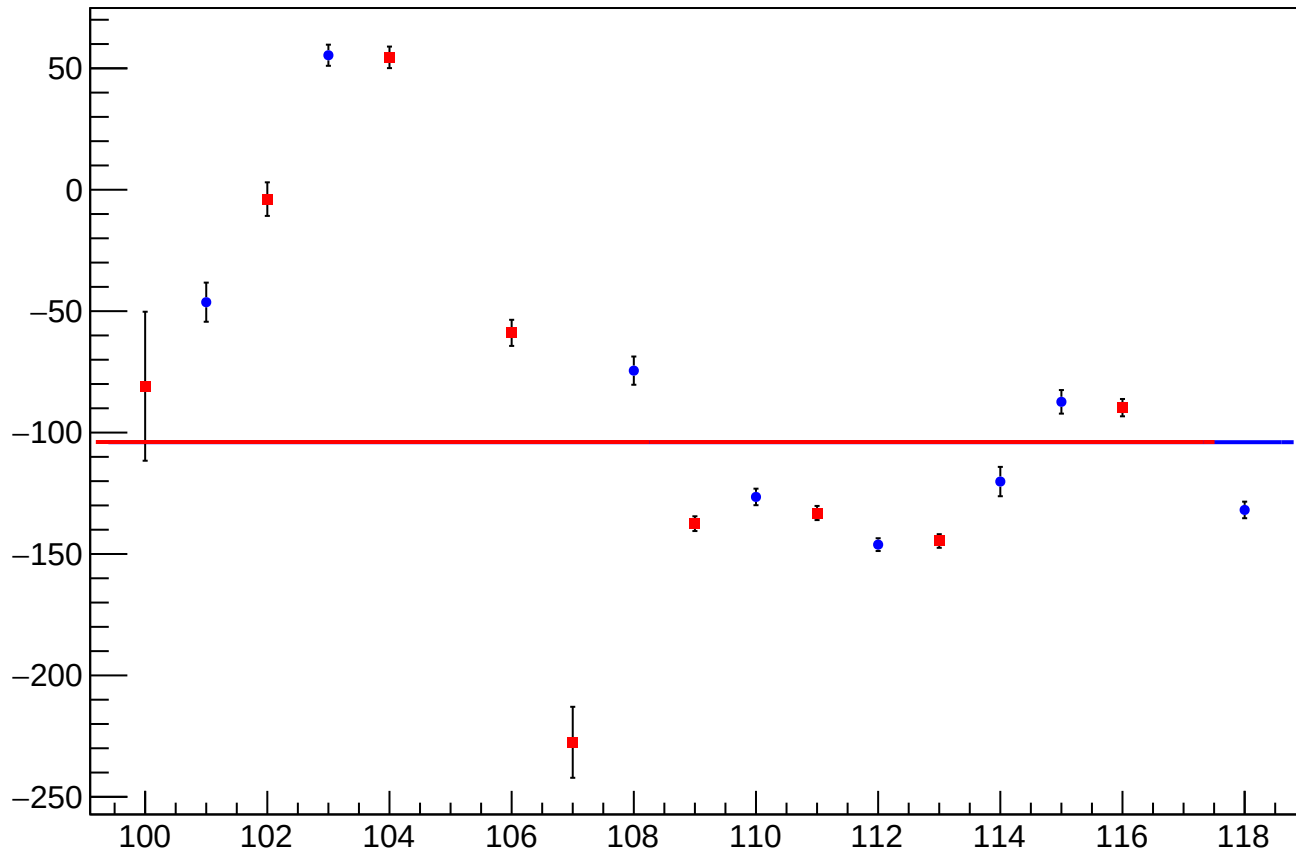
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.711+/-0.055 χ^2/NDF : 342455.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug



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: -103.886+/-1.356 χ^2/NDF : 2077.0/8

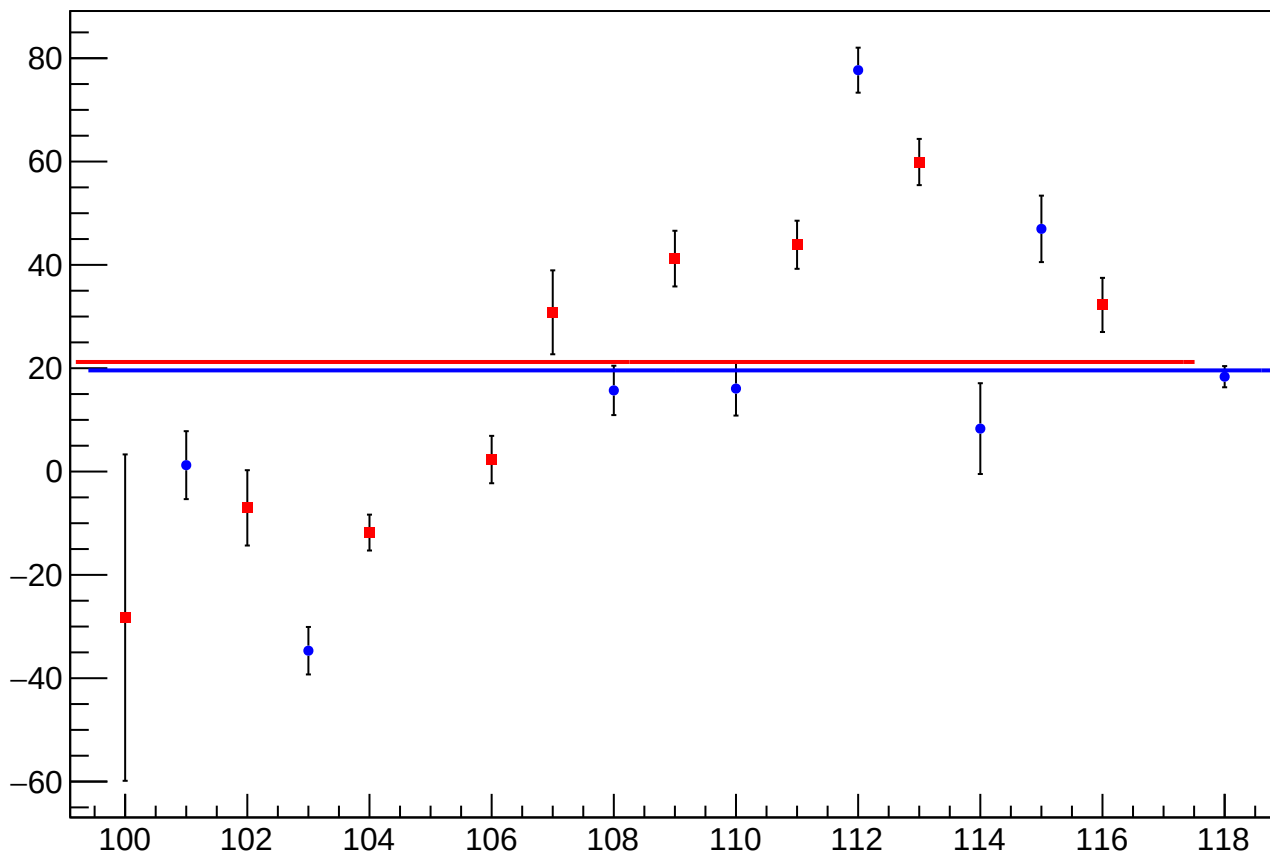
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.921+/-0.986 χ^2/NDF : 3881.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug



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: 21.207+/-1.734 χ^2/NDF : 243.1/8

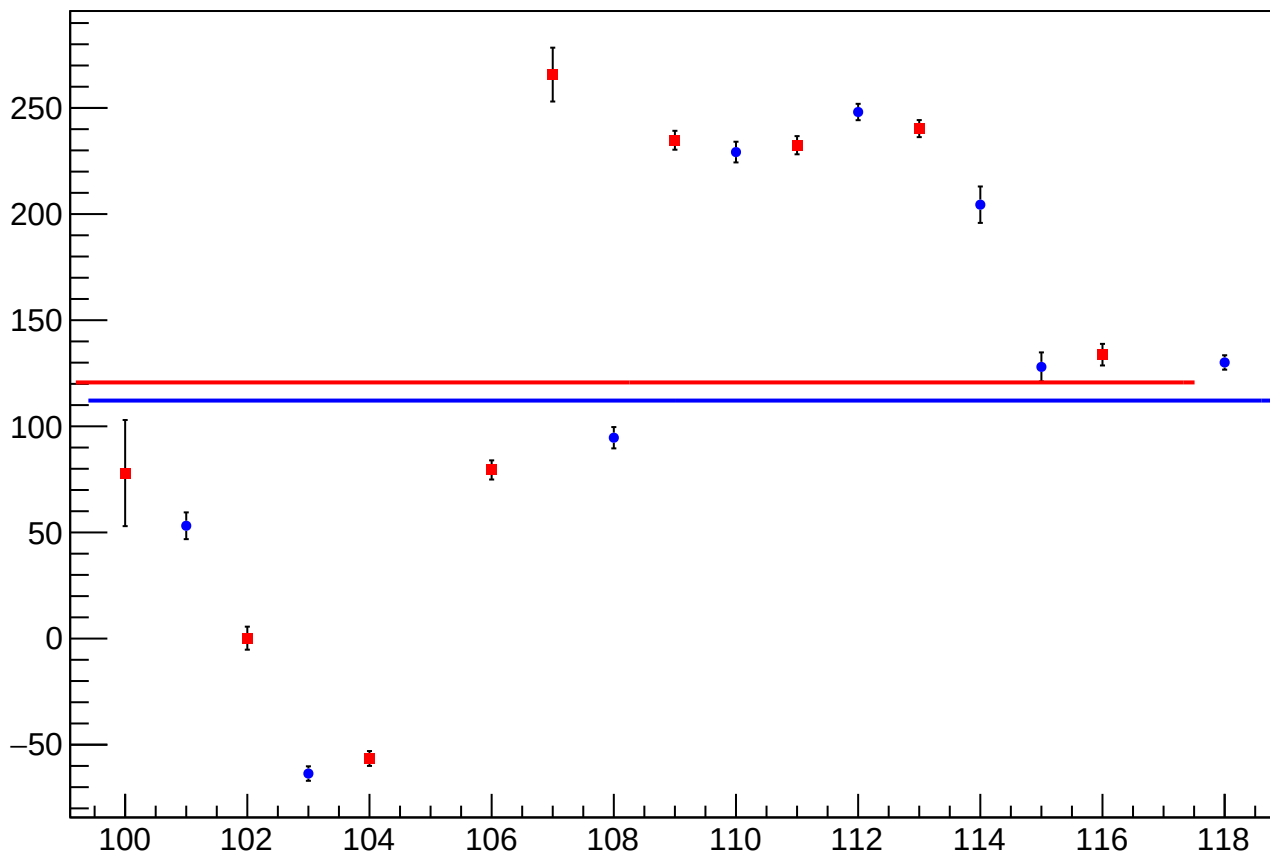
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.246+/-1.110 χ^2/NDF : 590.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug



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: 120.680+/-1.626 χ^2/NDF : 5506.4/8

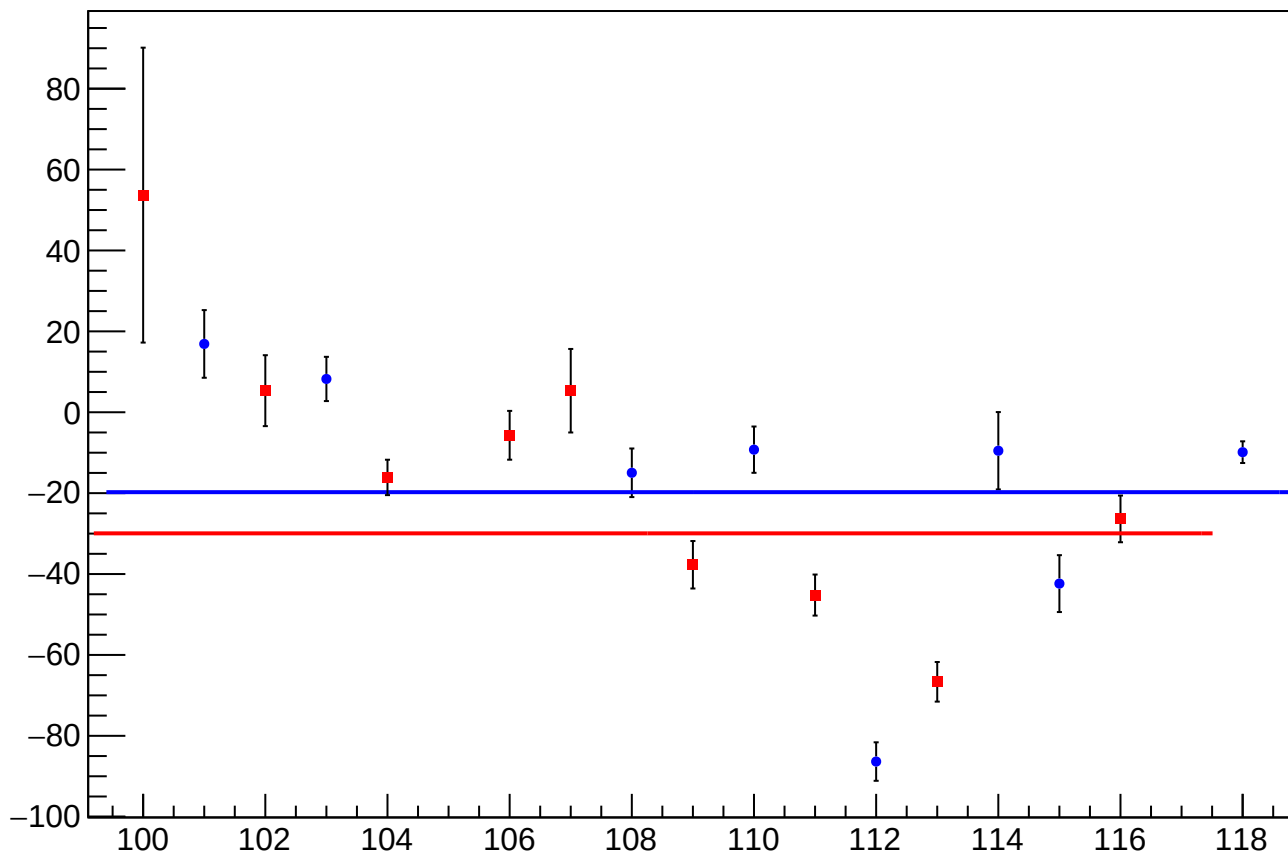
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.386+/-1.147 χ^2/NDF : 10237.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug



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: -29.941+/-2.031 χ^2/NDF : 126.6/8

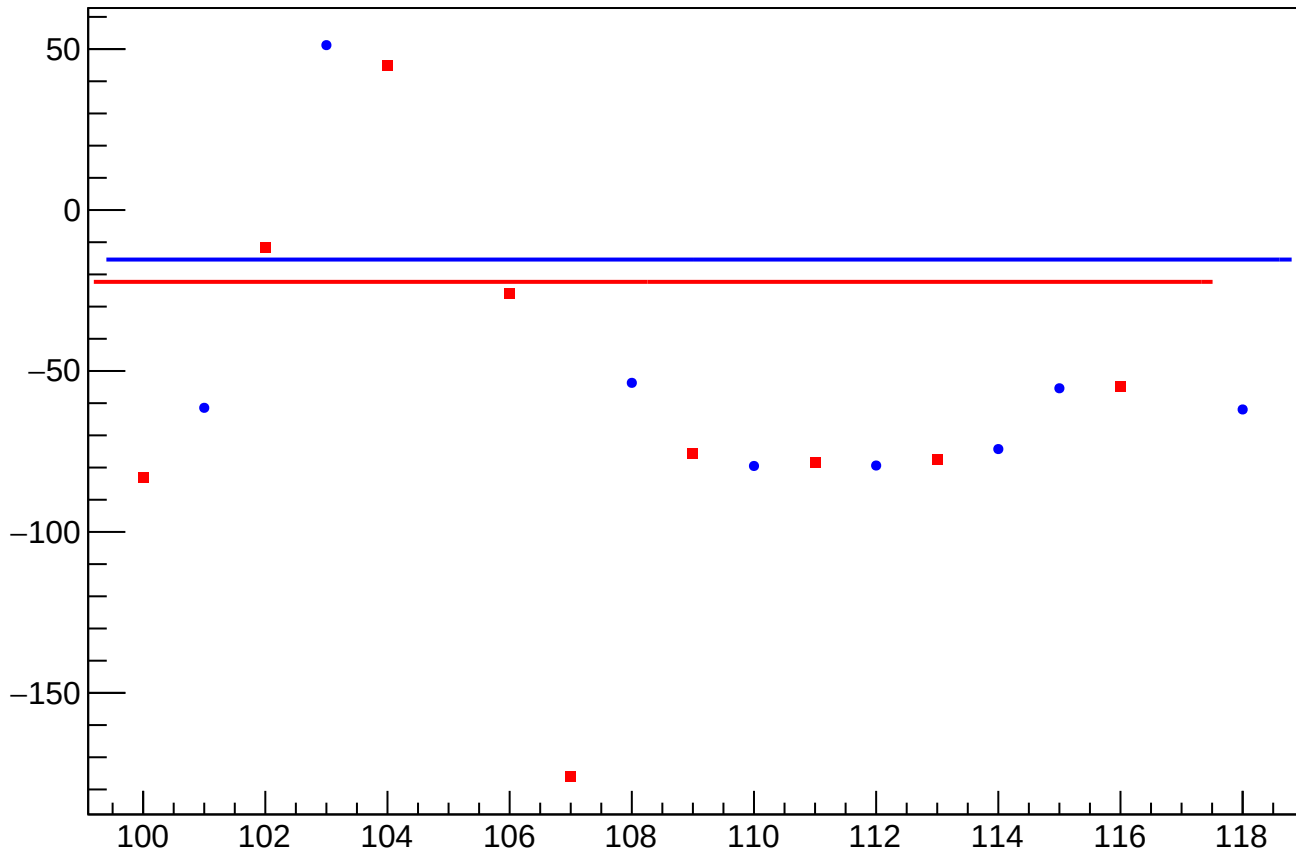
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.144+/-1.333 χ^2/NDF : 411.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -15.384 ± 0.092 $\chi^2/\text{NDF}: 384612.0/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.312 ± 0.091 $\chi^2/\text{NDF}: 353627.9/8$

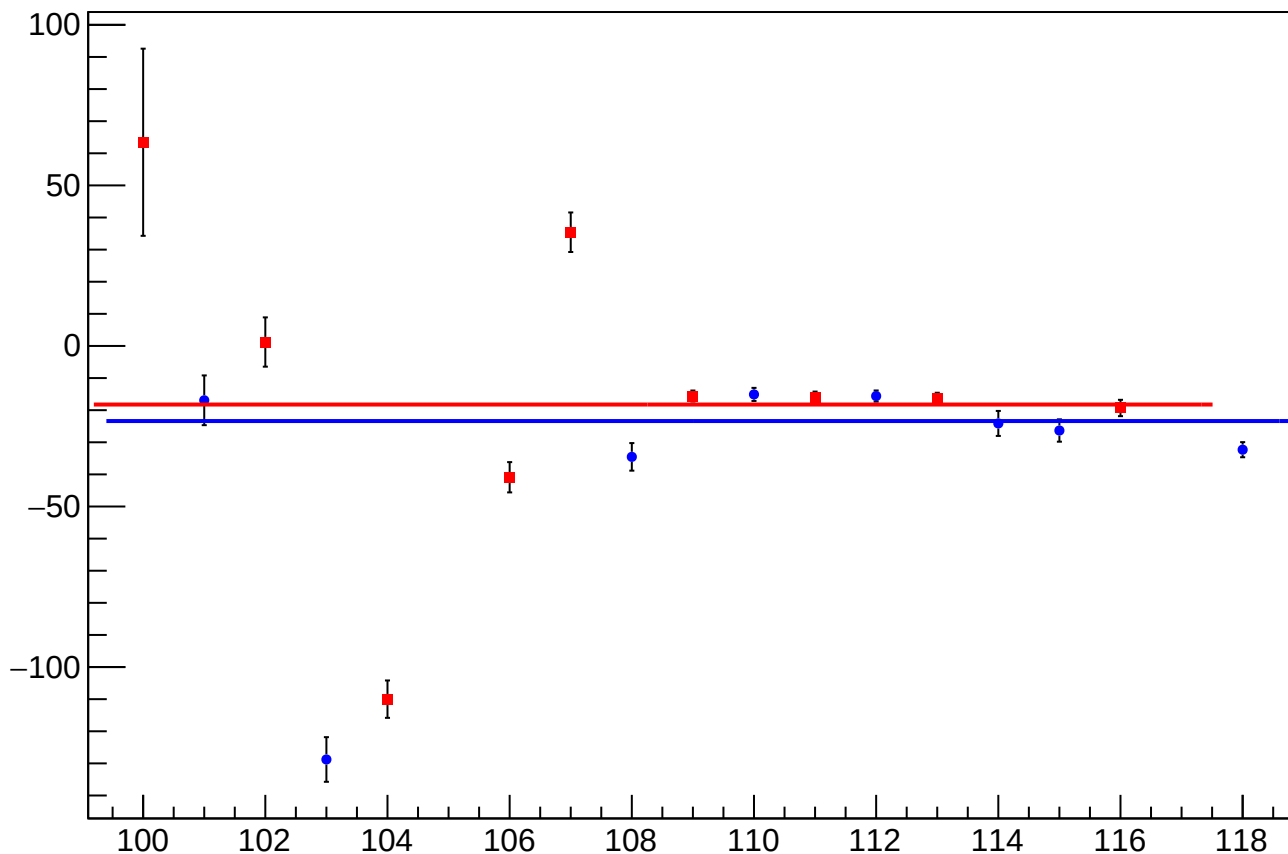
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.880 ± 0.065 $\chi^2/\text{NDF}: 741095.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



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: -18.244 ± 0.916 χ^2/NDF : 366.6/8

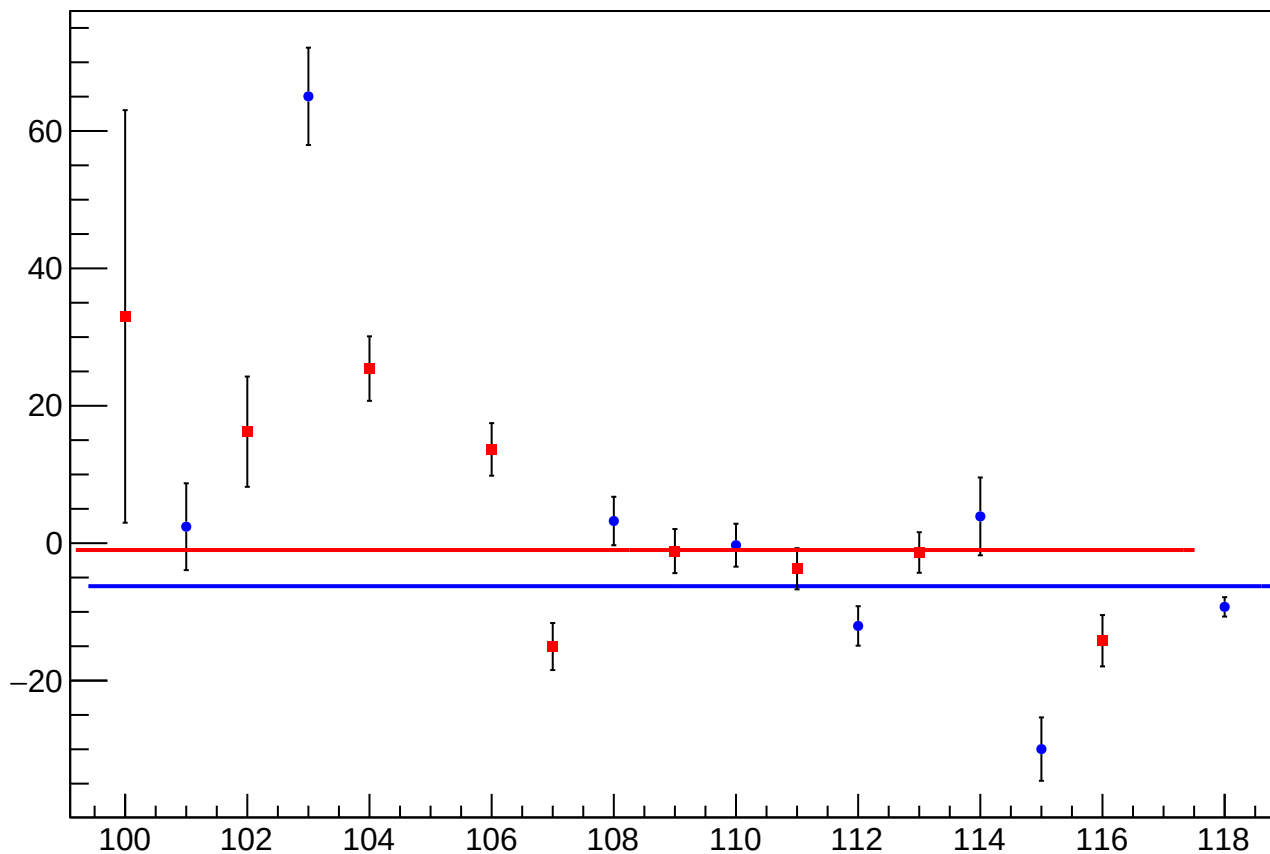
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.581 ± 0.677 χ^2/NDF : 670.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug



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: -0.994+/-1.280 χ^2/NDF : 82.4/8

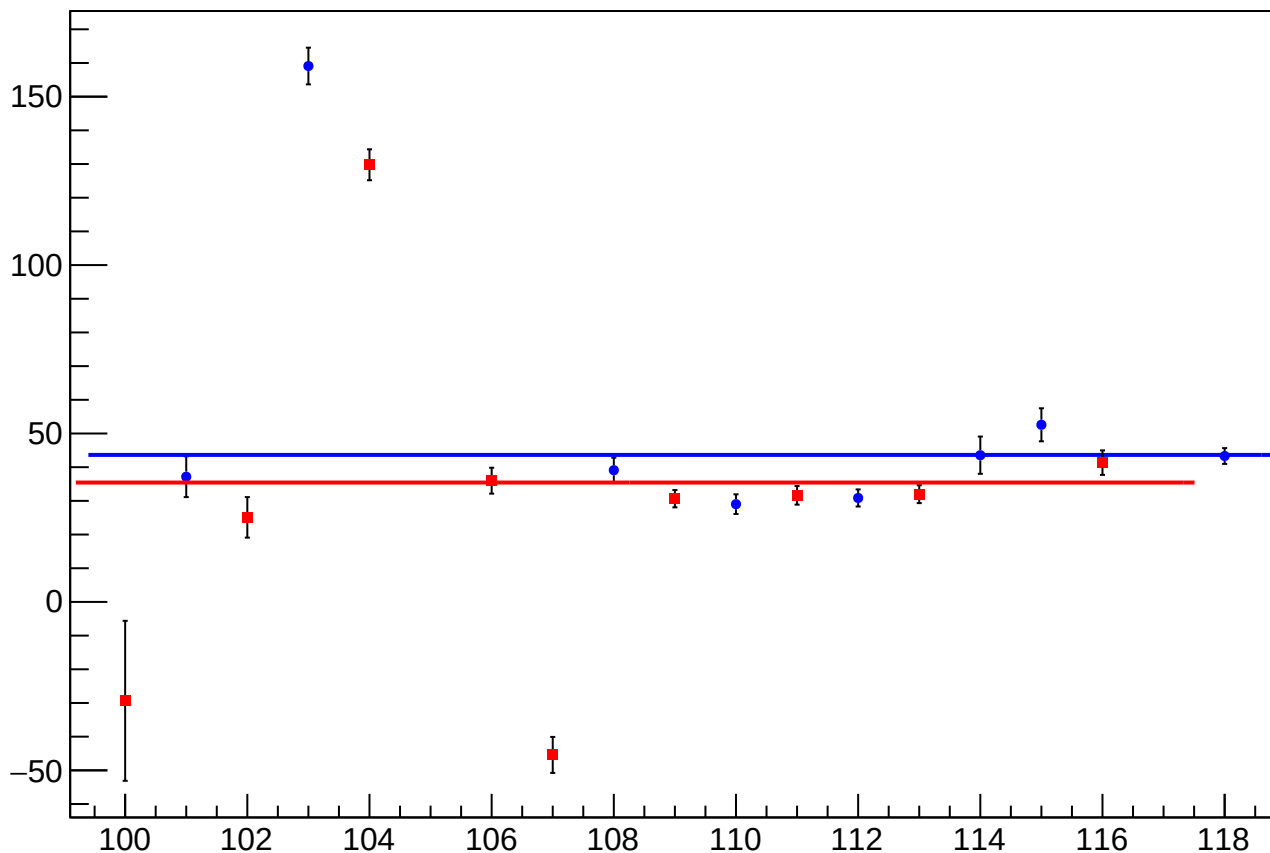
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.173+/-0.806 χ^2/NDF : 244.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



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: 35.444+/-1.212 χ^2/NDF : 671.1/8

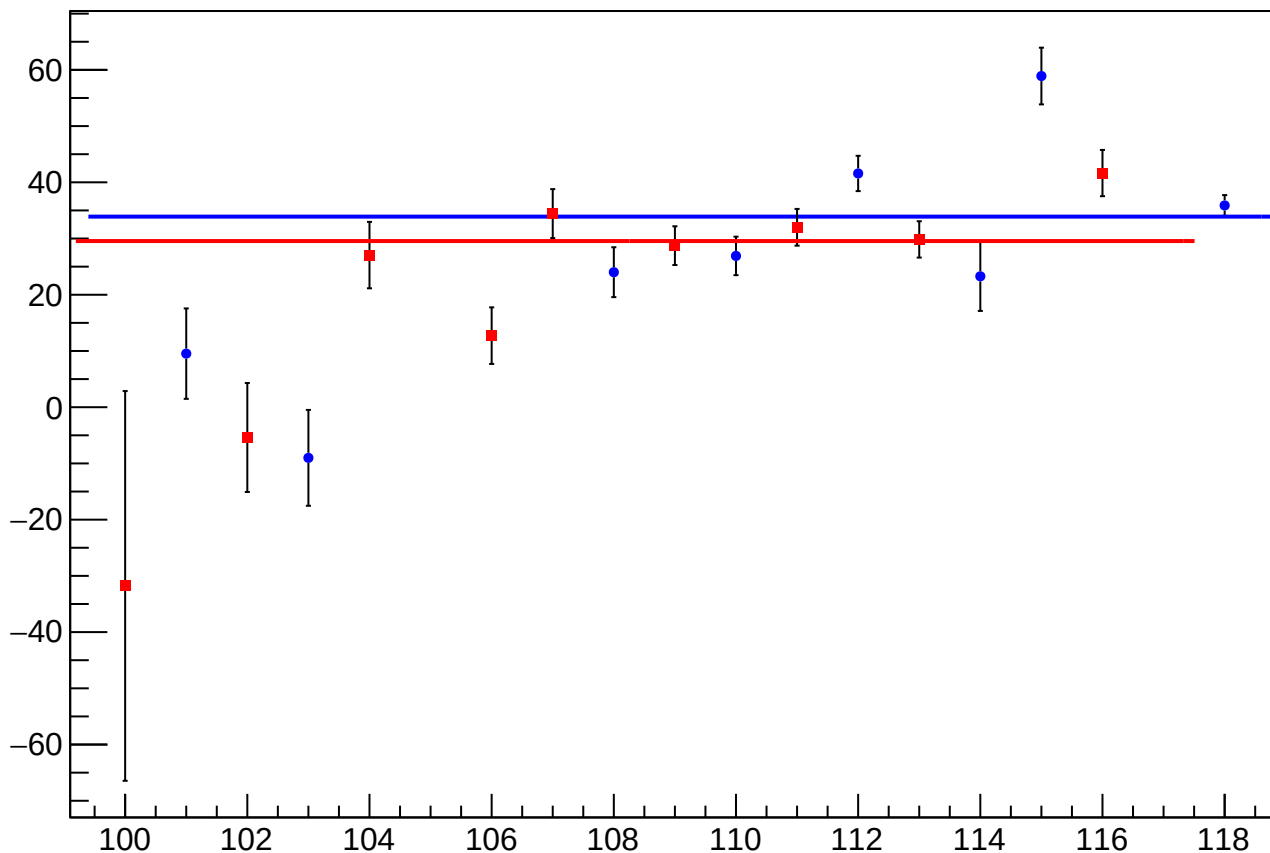
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.488+/-0.863 χ^2/NDF : 1199.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



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: 29.554 $\pm$ 1.466 χ^2 /NDF: 38.0/8

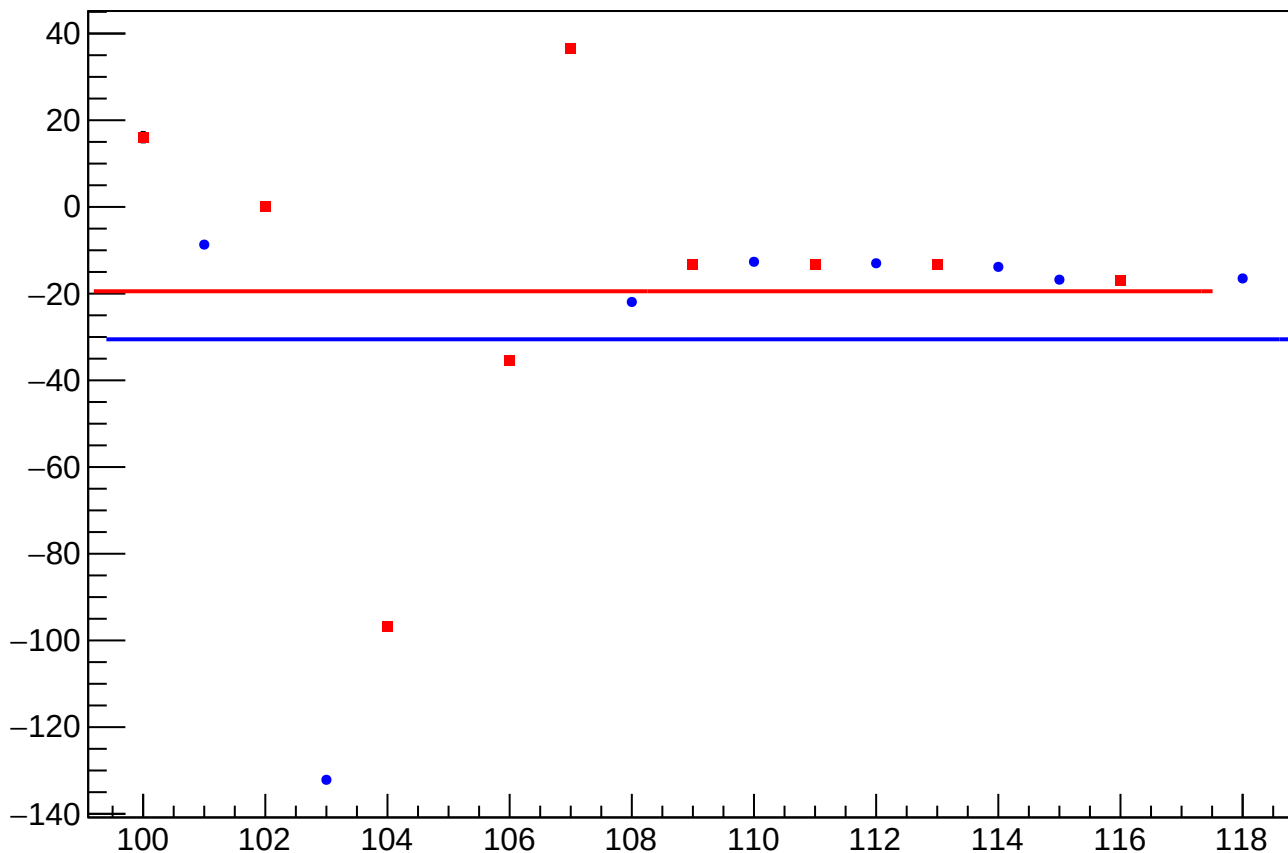
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.047 $\pm$ 0.957 χ^2 /NDF: 121.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -30.534 ± 0.080 $\chi^2/\text{NDF}: 222993.8/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.453 ± 0.076 $\chi^2/\text{NDF}: 202917.2/8$

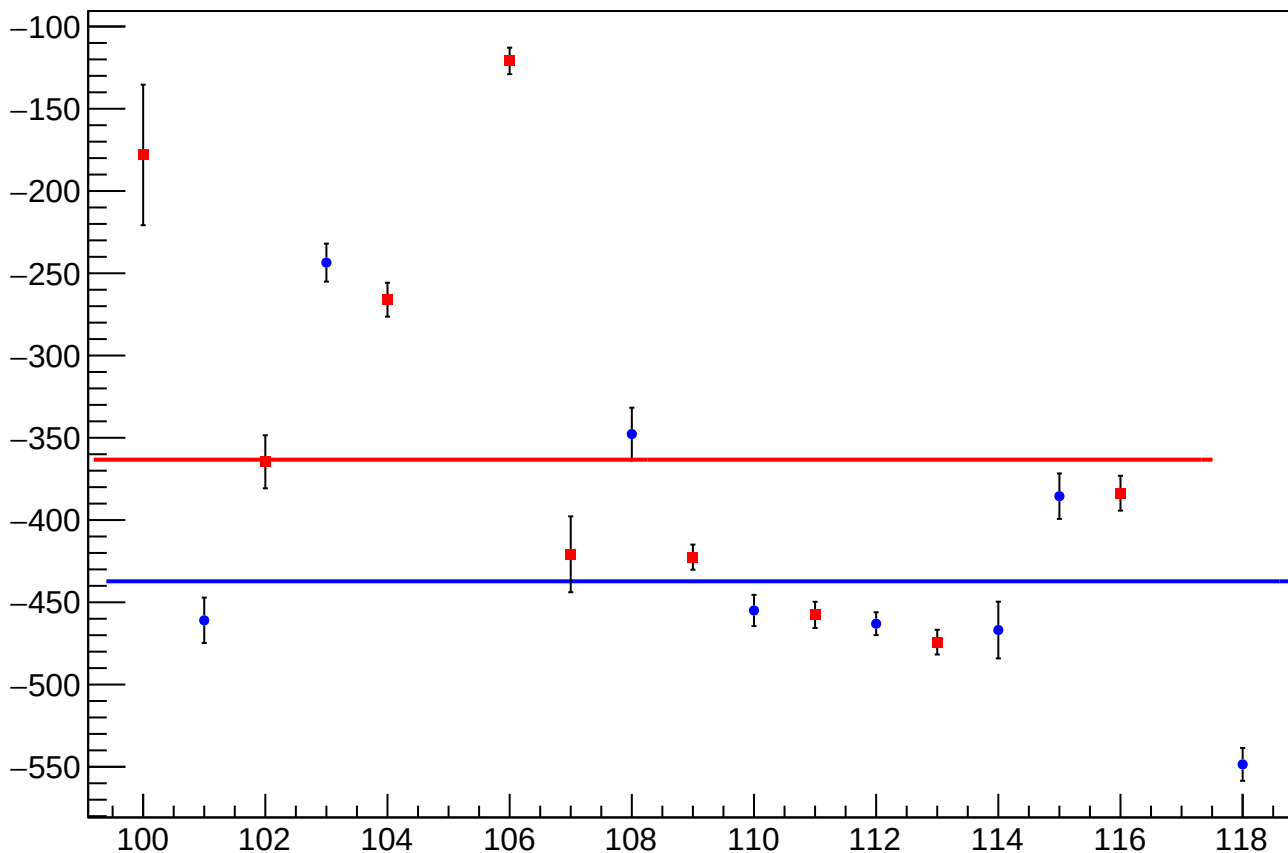
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -24.686 ± 0.055 $\chi^2/\text{NDF}: 435982.0/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -437.240 $\pm$ 3.859 χ^2 /NDF: 474.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -363.295 $\pm$ 3.321 χ^2 /NDF: 1442.8/8

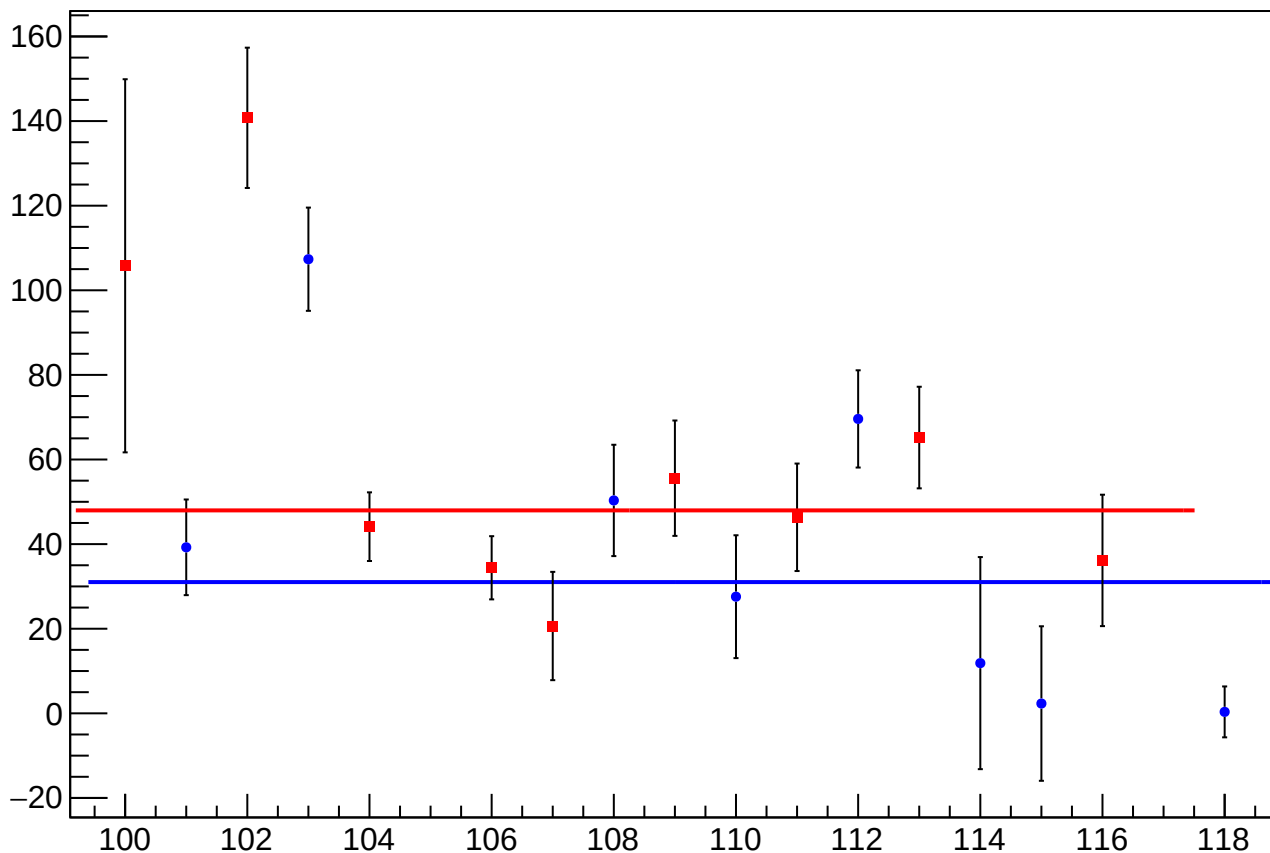
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -394.756 $\pm$ 2.517 χ^2 /NDF: 2128.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 31.026 $\pm$ 3.927 χ^2 /NDF: 82.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.972 $\pm$ 3.892 χ^2 /NDF: 44.1/8

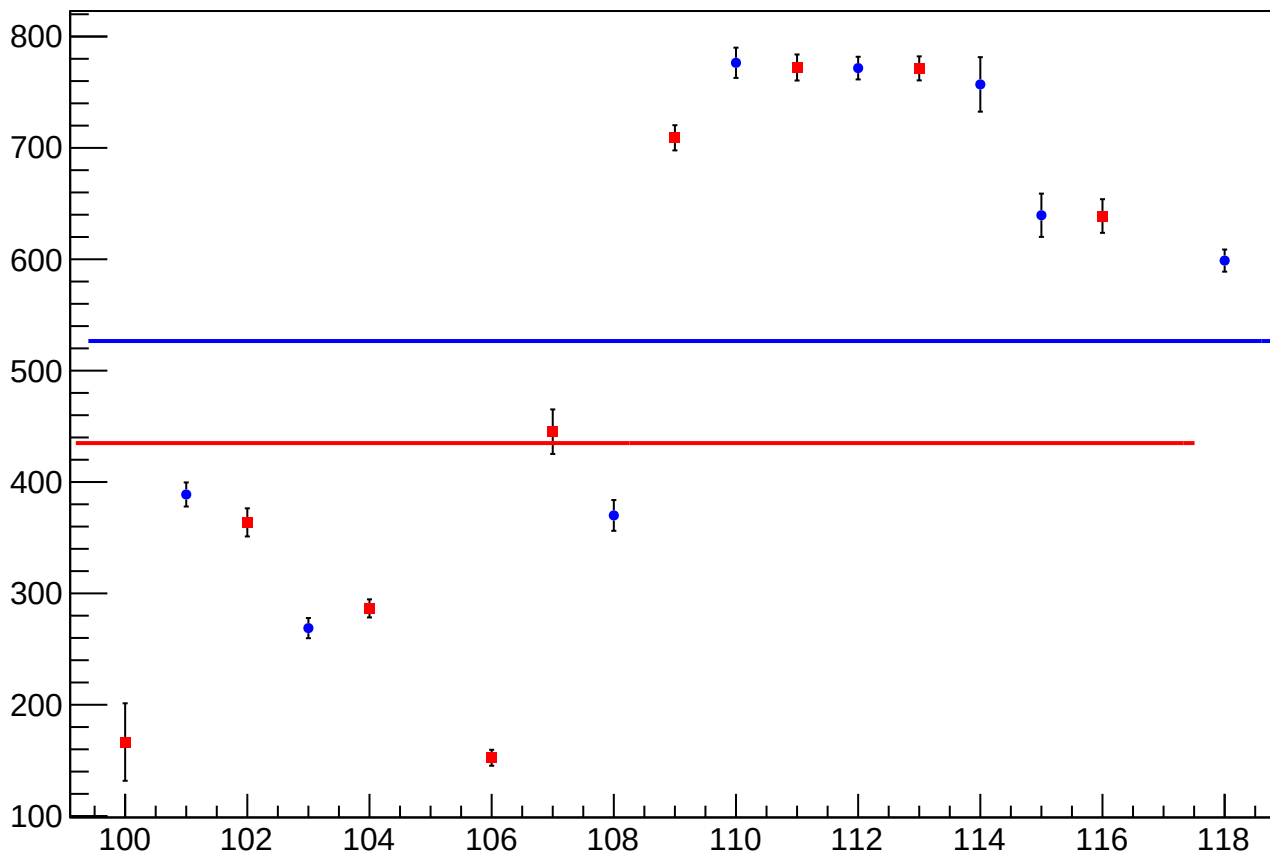
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.576 $\pm$ 2.764 χ^2 /NDF: 135.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



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: 434.969 $\pm$ 3.718 χ^2 /NDF: 4554.6/8

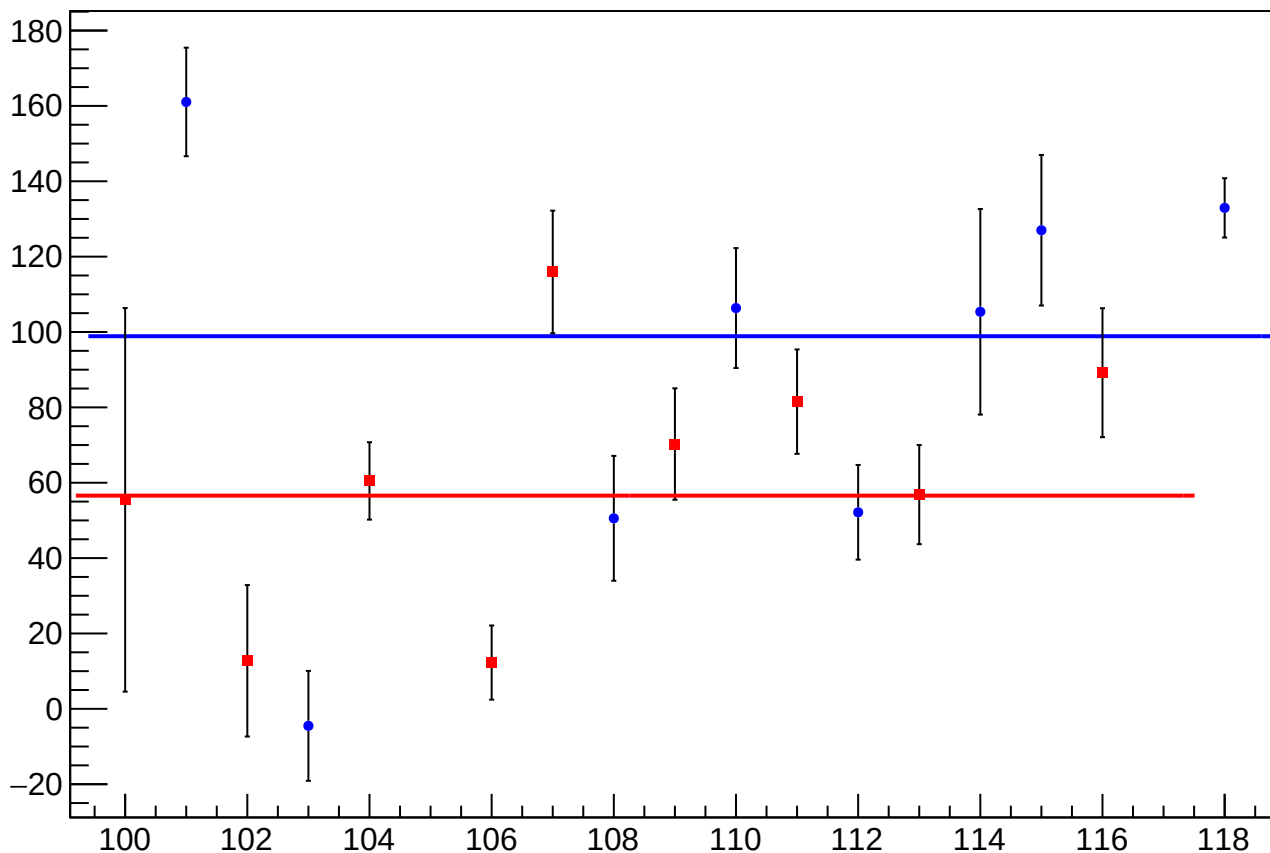
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 474.741 $\pm$ 2.797 χ^2 /NDF: 7011.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 98.879 $\pm$ 4.798 χ^2 /NDF: 112.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.578 $\pm$ 4.691 χ^2 /NDF: 46.2/8

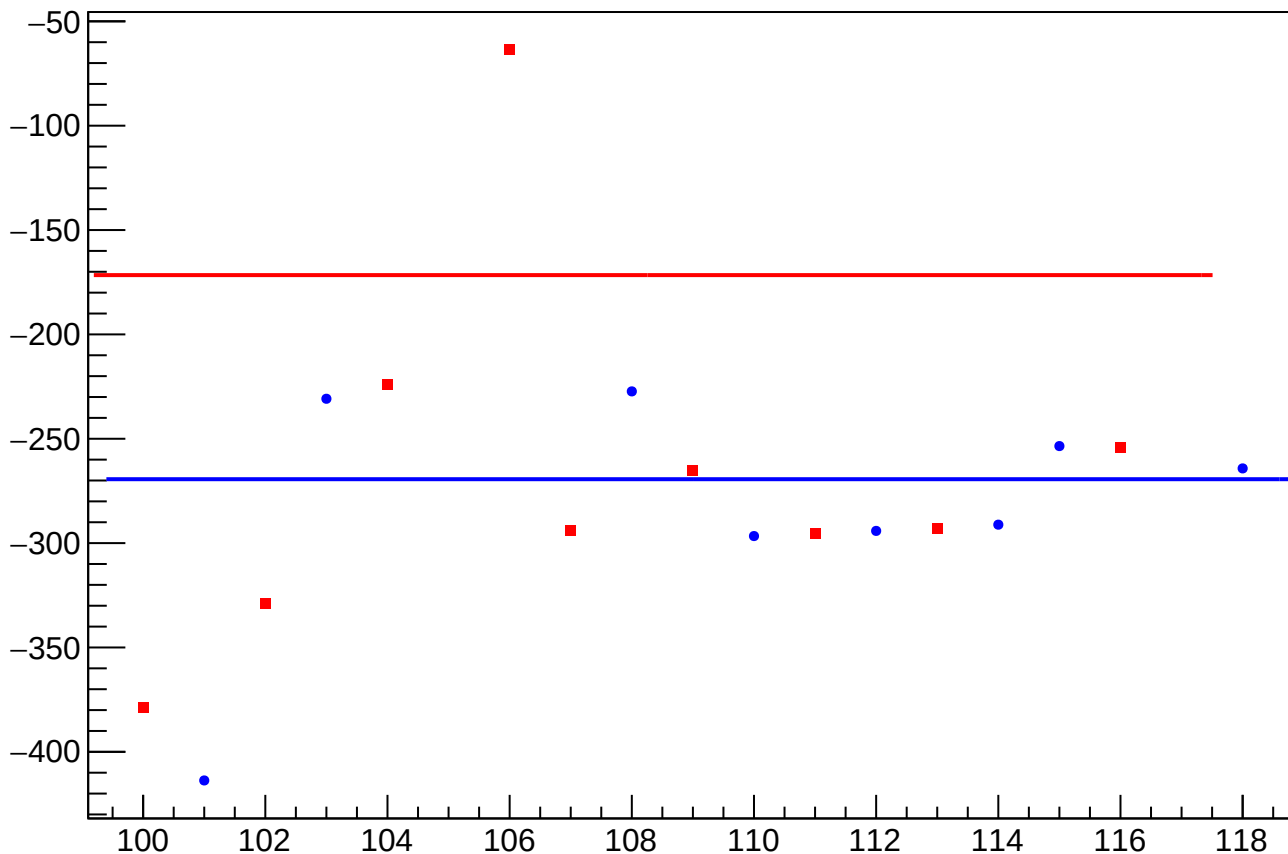
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 77.254 $\pm$ 3.354 χ^2 /NDF: 198.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



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: -171.592 ± 0.177 χ^2/NDF : 374342.1/8

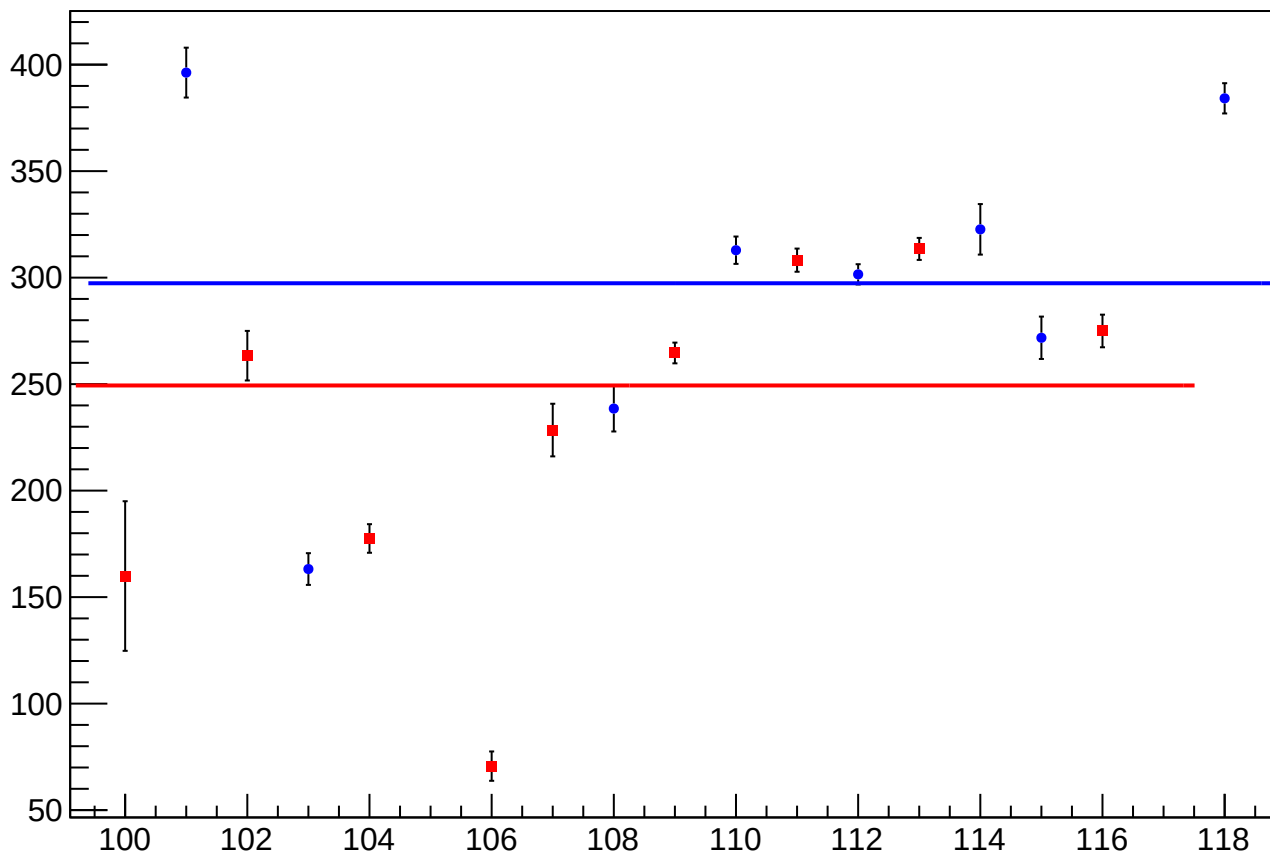
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -205.824 ± 0.143 χ^2/NDF : 548758.8/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



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: 249.368 $\pm$ 2.303 χ^2 /NDF: 1090.4/8

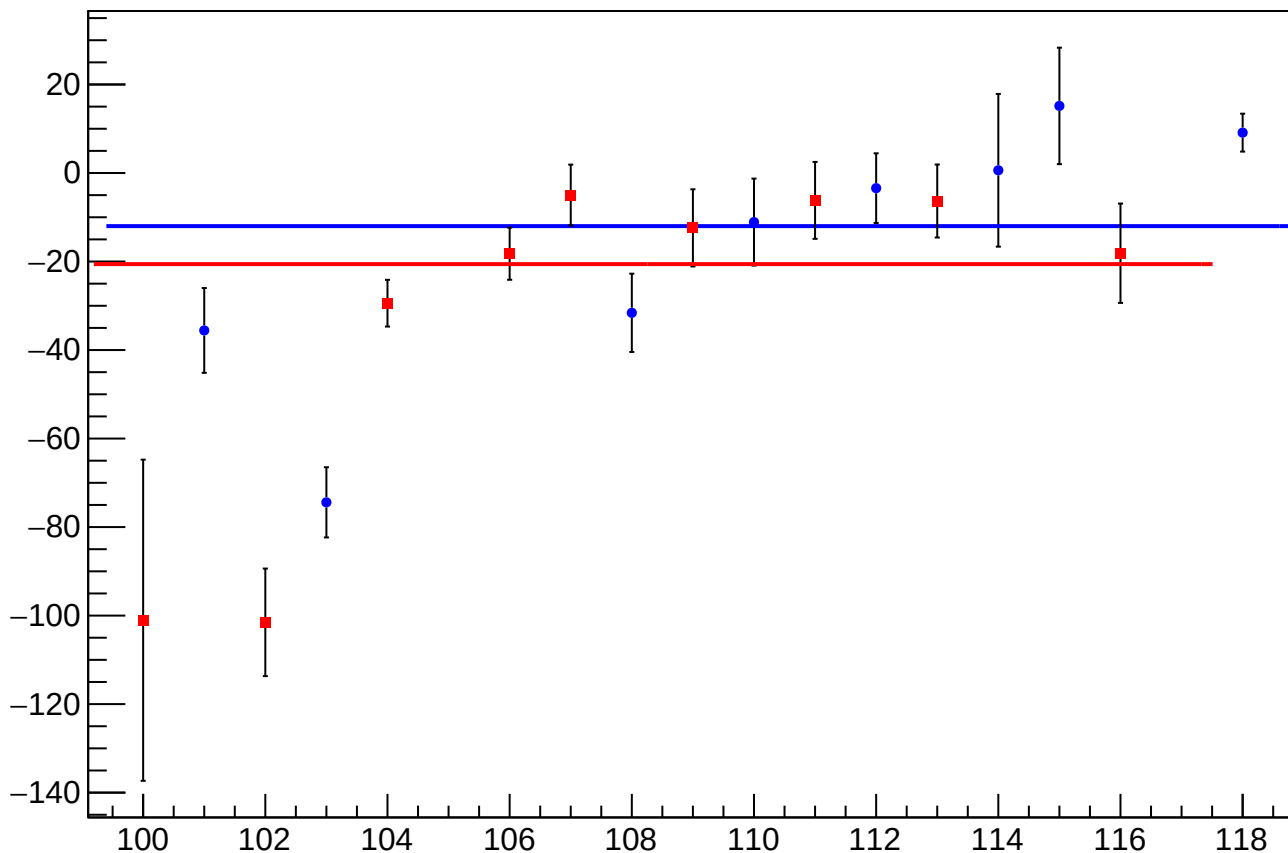
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 269.774 $\pm$ 1.746 χ^2 /NDF: 1867.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



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: -20.584 ± 2.649 χ^2/NDF : 64.1/8

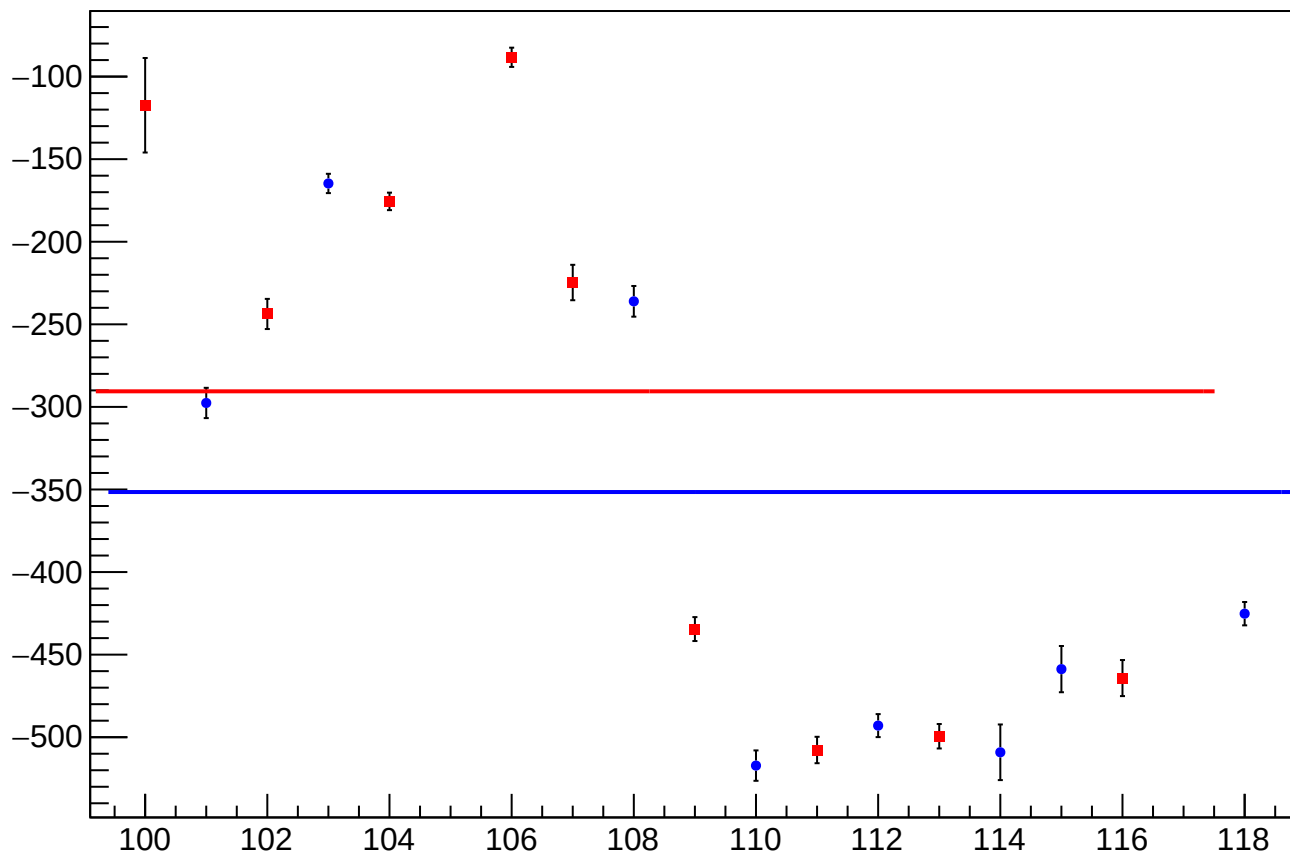
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.494 ± 1.917 χ^2/NDF : 172.3/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug



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: -290.568+/-2.596 χ^2/NDF : 3958.1/8

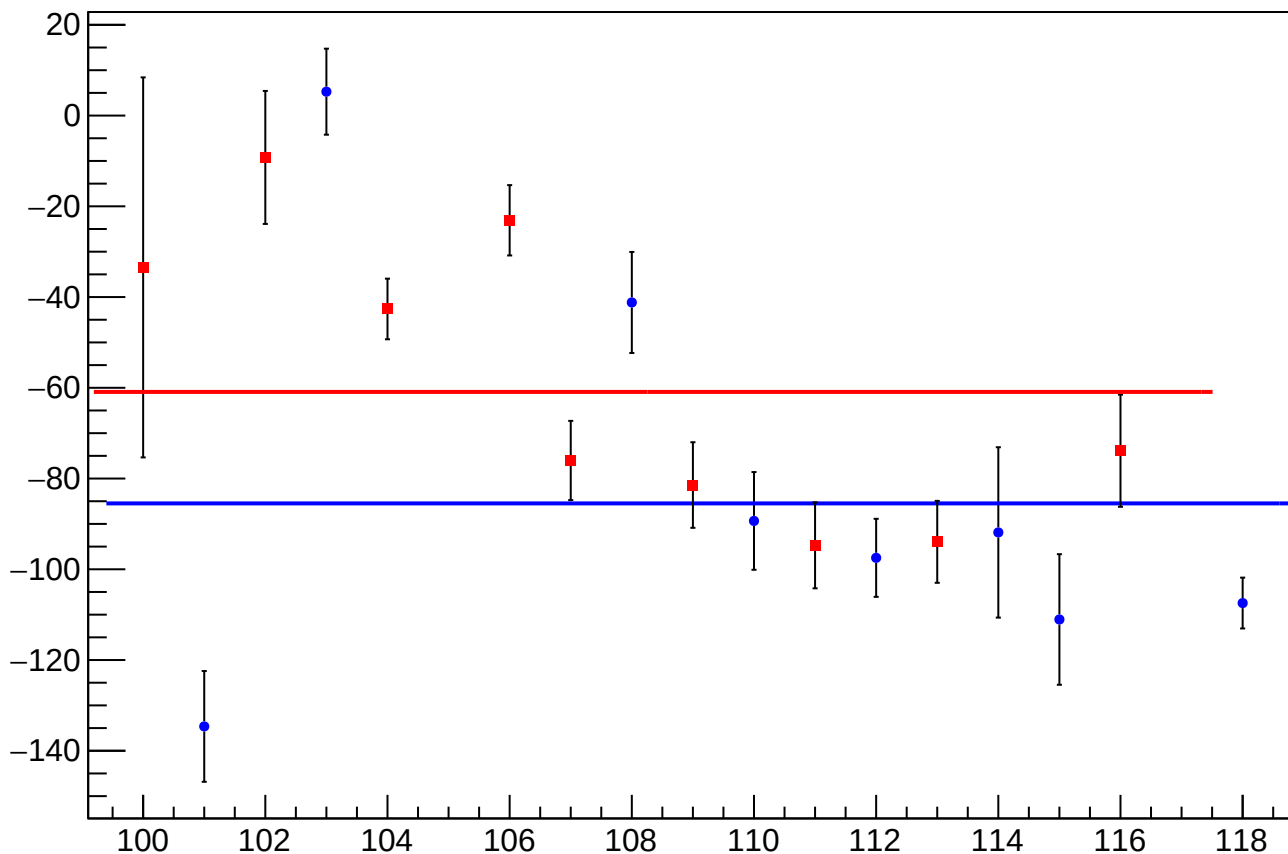
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.036+/-1.953 χ^2/NDF : 6399.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug



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: -60.908 ± 3.185 χ^2/NDF : 79.1/8

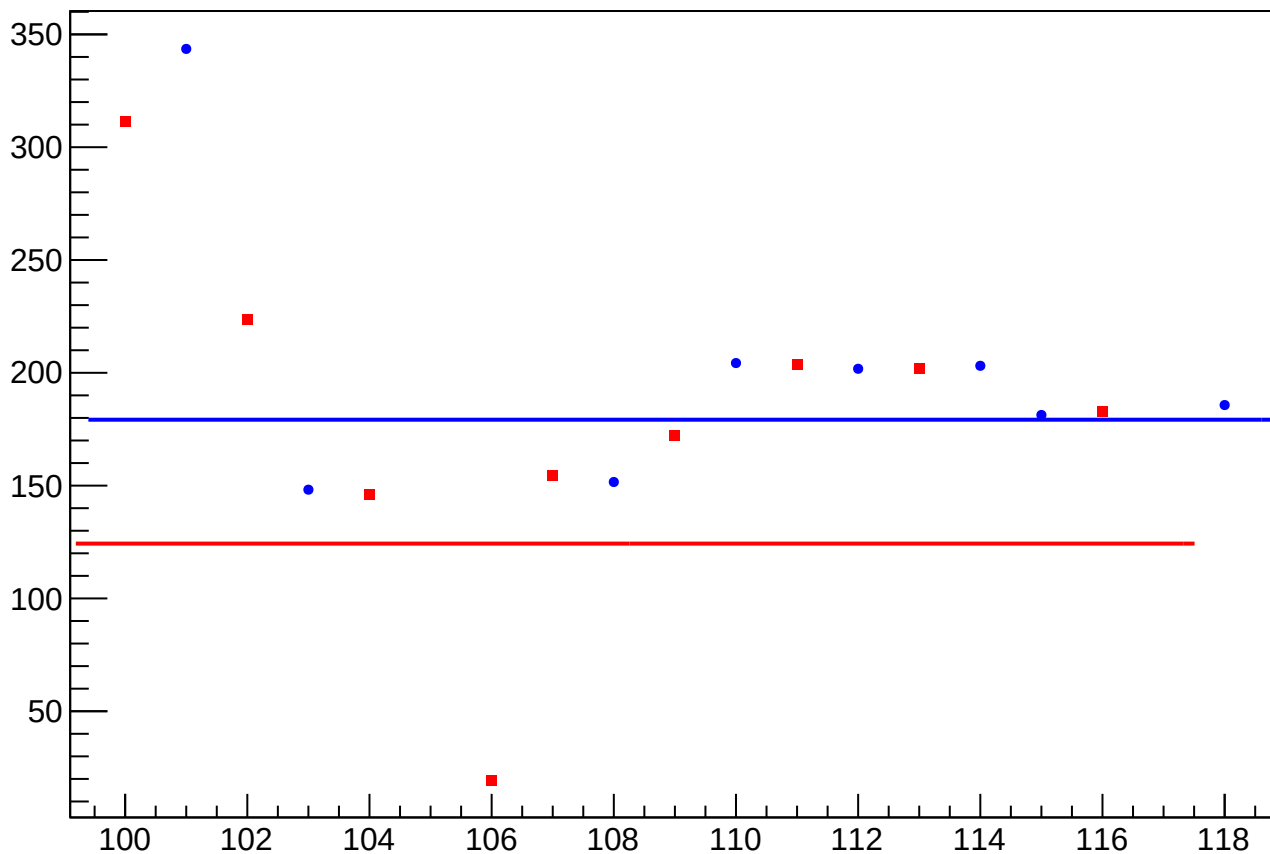
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.467 ± 2.318 χ^2/NDF : 251.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug



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: 124.302+/-0.133 χ^2/NDF : 344786.3/8

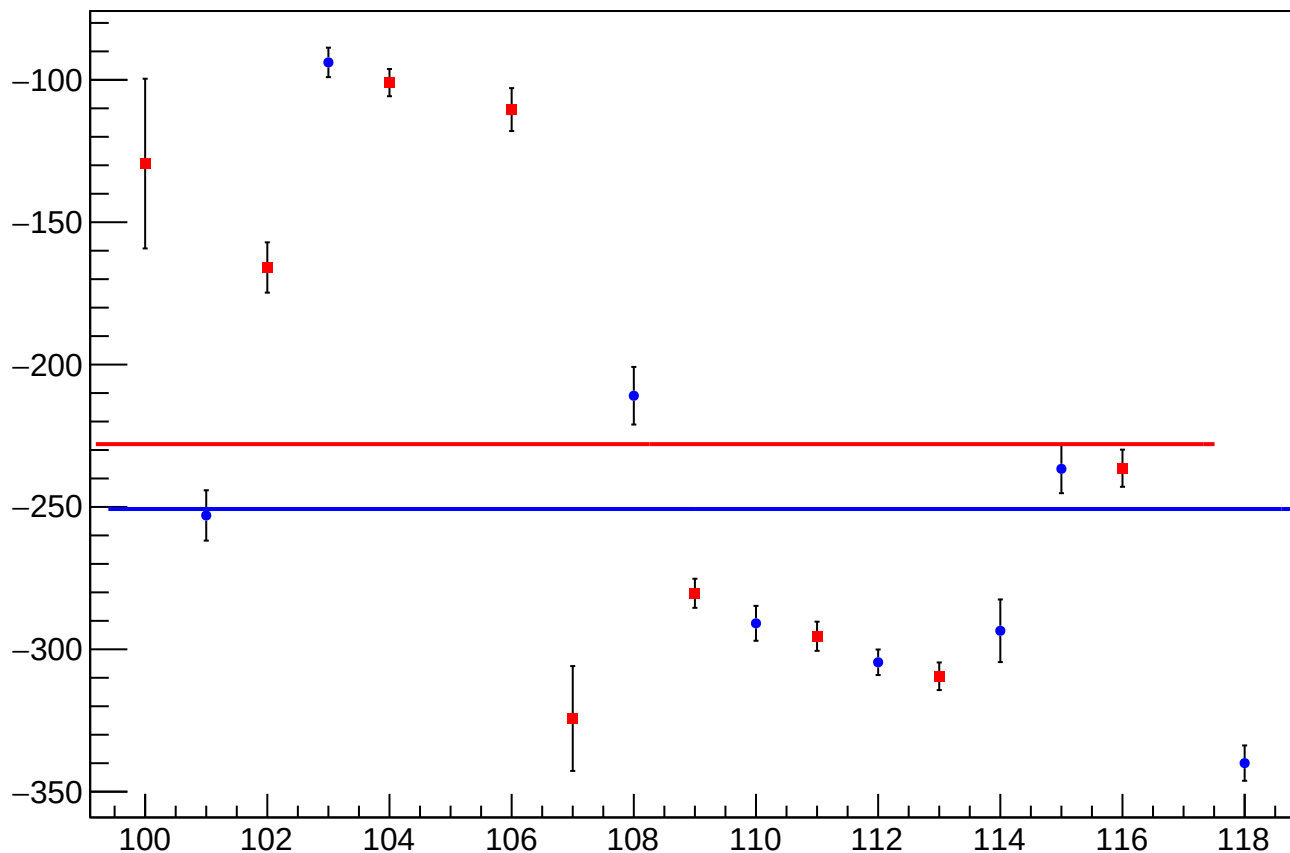
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.844+/-0.103 χ^2/NDF : 526750.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug



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: -227.936 ± 2.128 χ^2/NDF : 1600.2/8

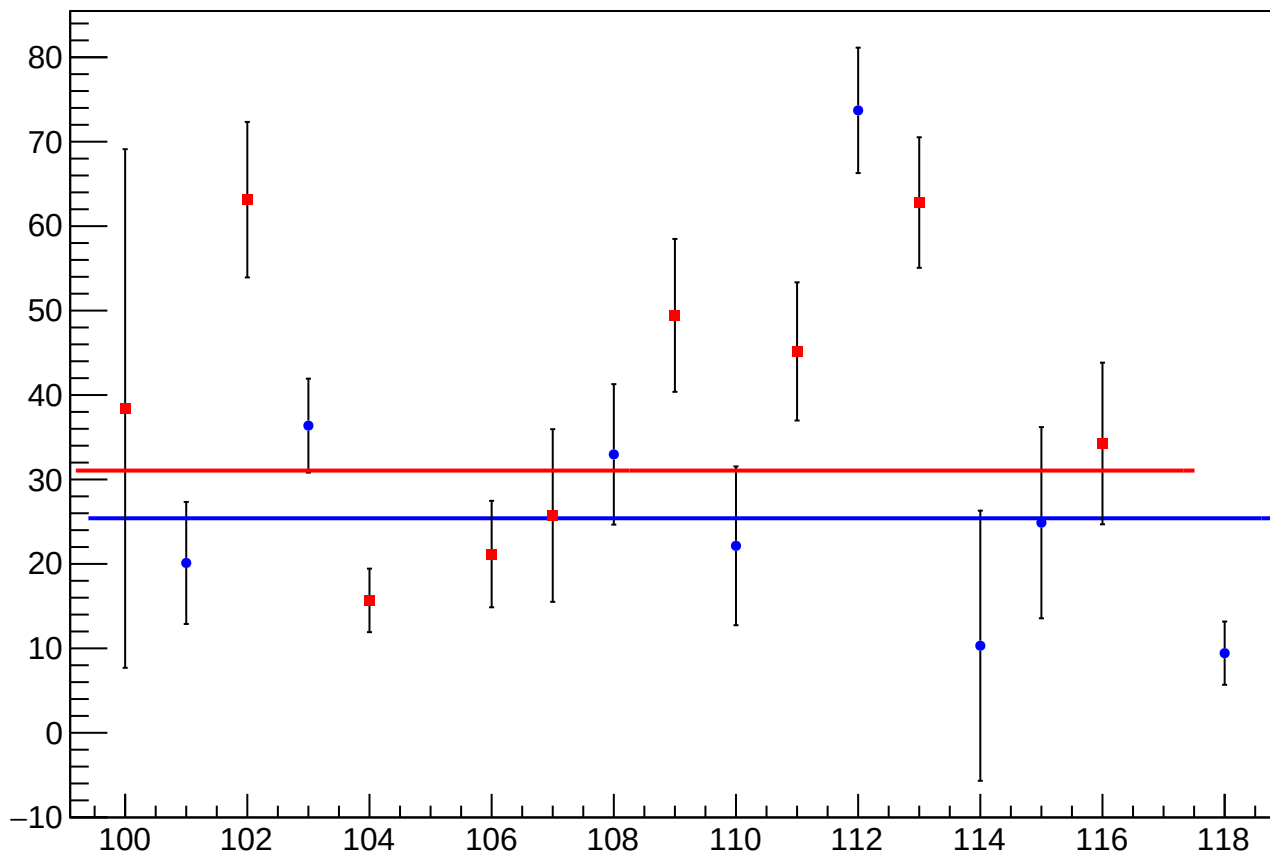
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -238.293 ± 1.572 χ^2/NDF : 2997.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 25.406 $\pm$ 2.368 χ^2 /NDF: 66.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.056 $\pm$ 2.404 χ^2 /NDF: 55.7/8

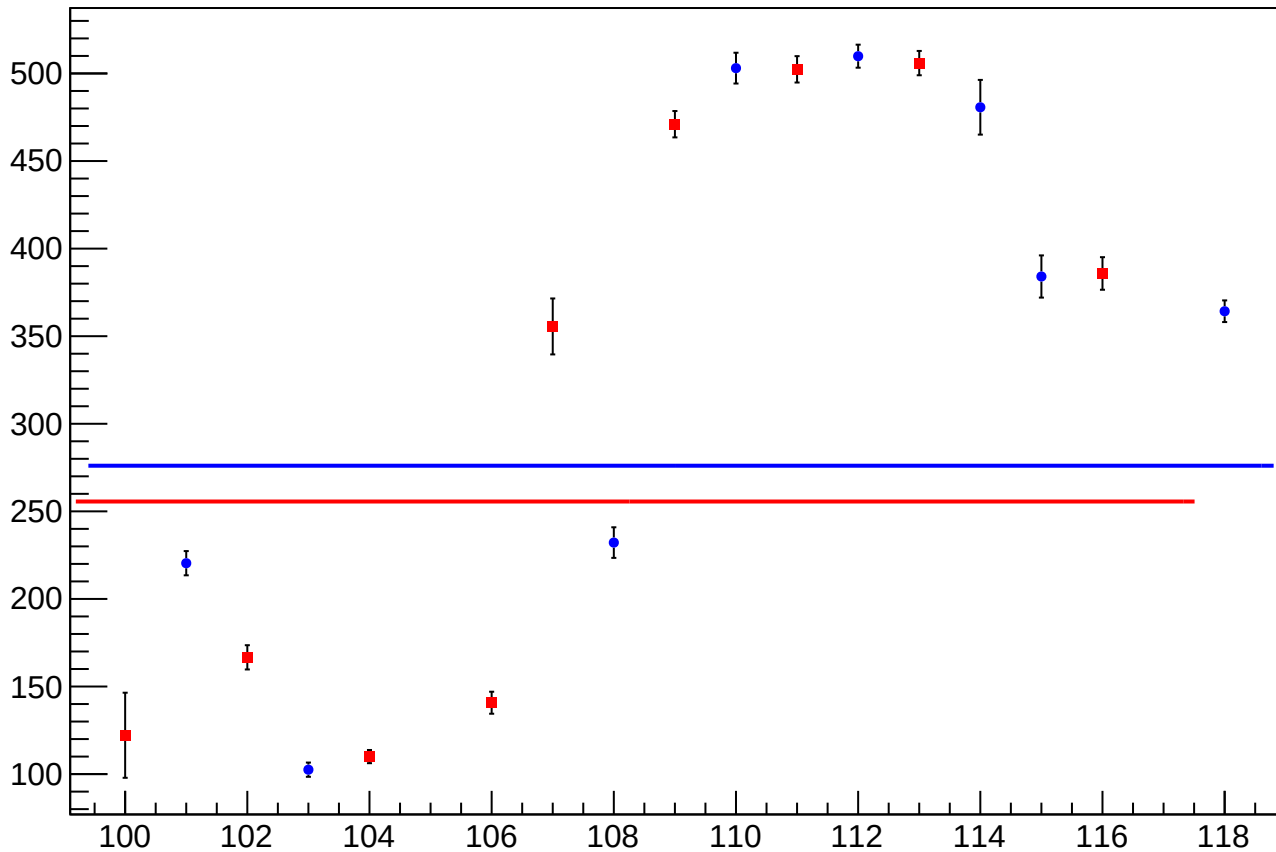
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.188 $\pm$ 1.687 χ^2 /NDF: 125.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 276.057 $\pm$ 2.442 χ^2 /NDF: 4300.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 255.620 $\pm$ 2.295 χ^2 /NDF: 5451.4/8

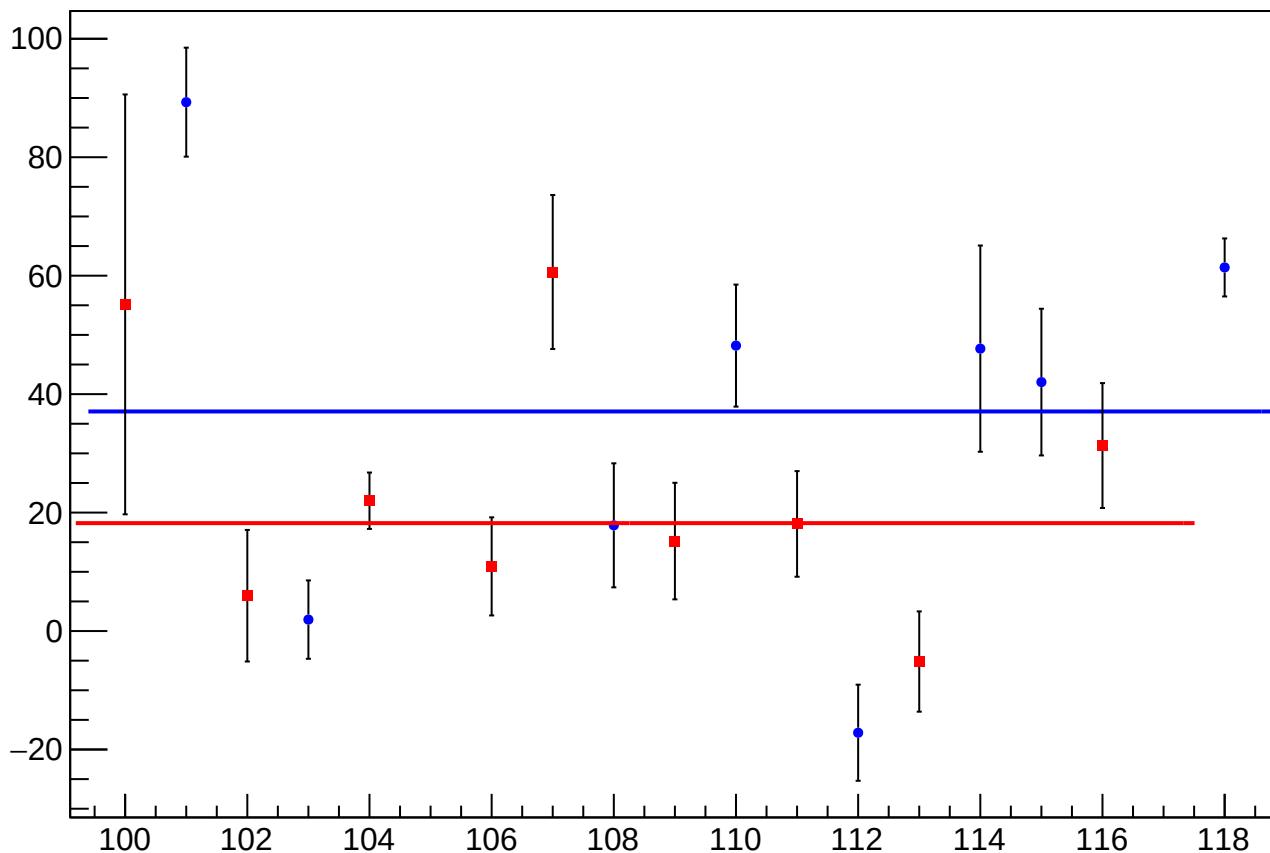
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 265.207 $\pm$ 1.672 χ^2 /NDF: 9788.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 37.074 $\pm$ 2.888 χ^2 /NDF: 134.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.221 $\pm$ 2.894 χ^2 /NDF: 23.6/8

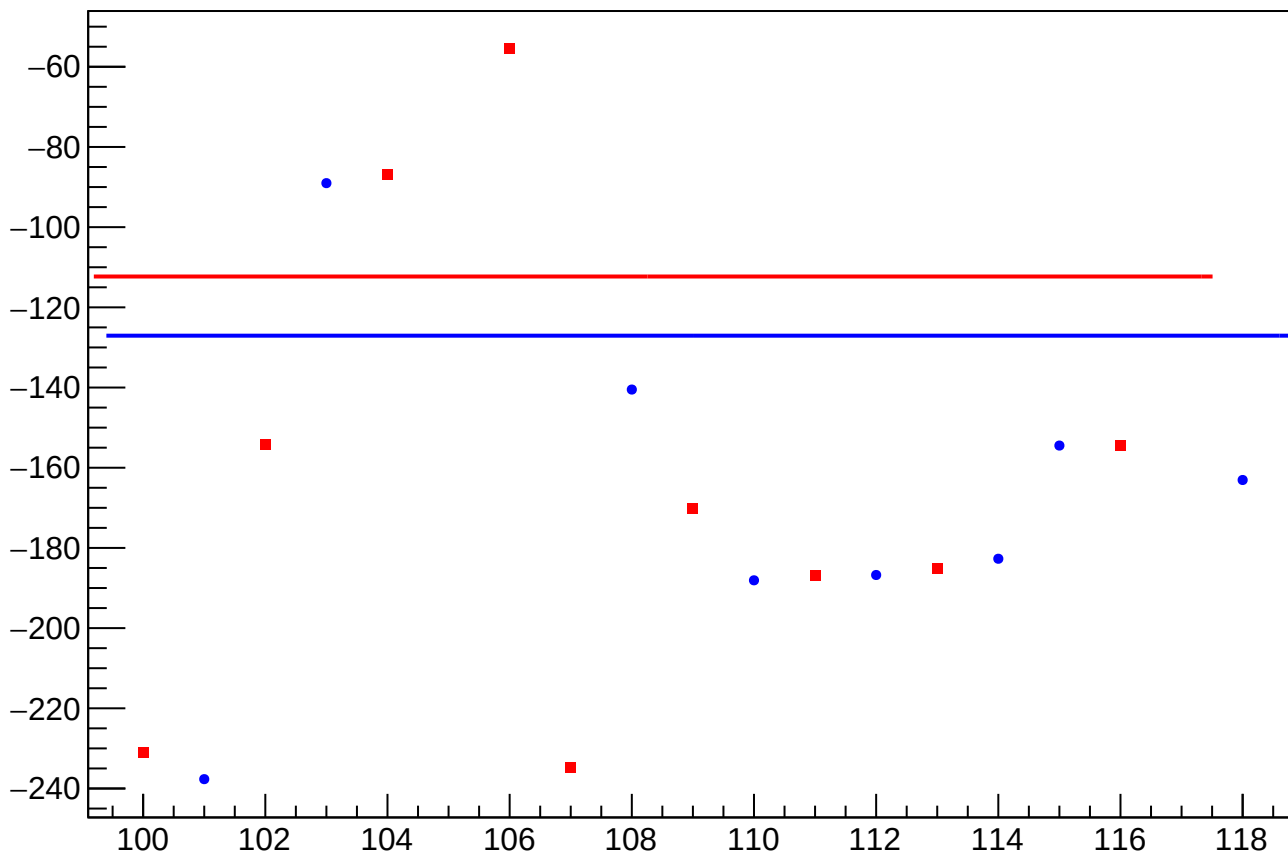
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.668 $\pm$ 2.044 χ^2 /NDF: 179.7/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug



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: -112.307+/-0.118 χ^2/NDF : 183242.4/8

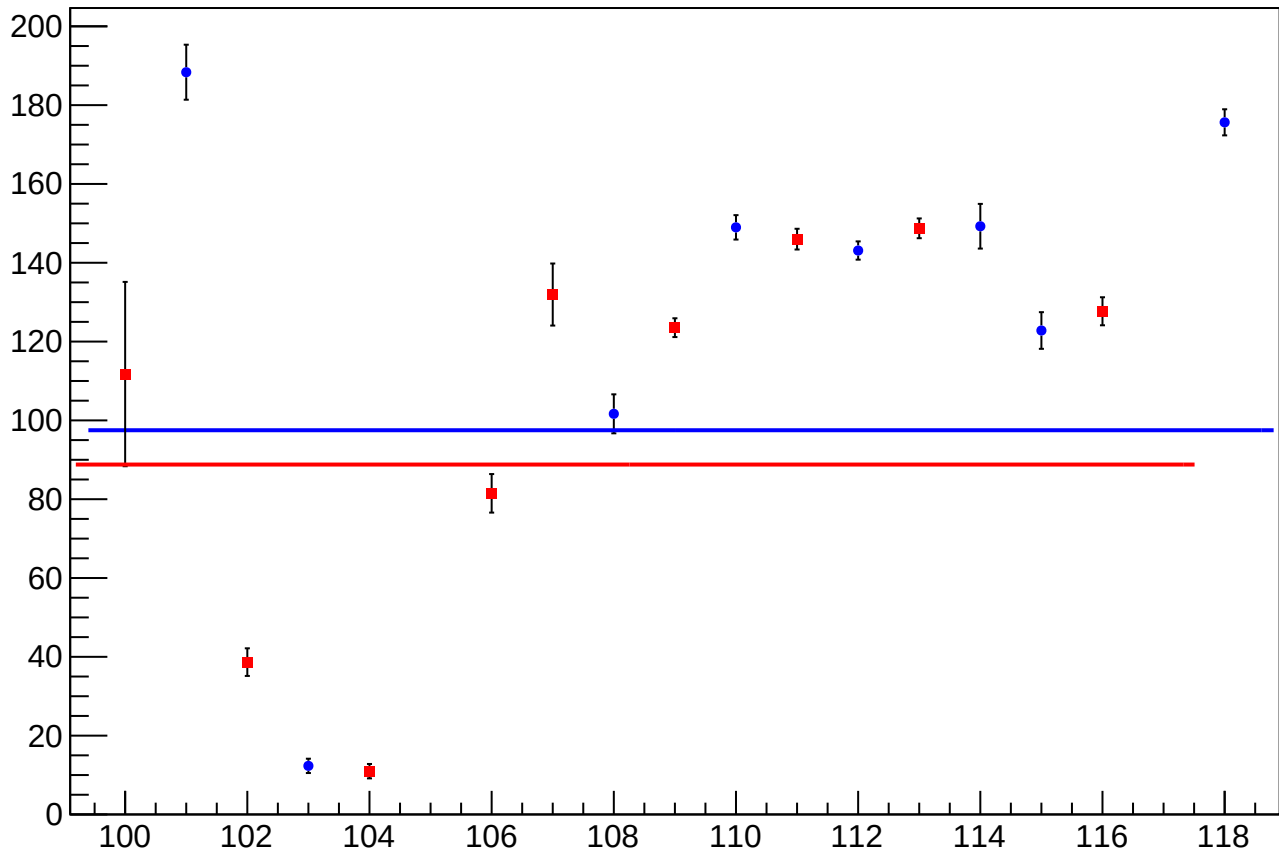
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.040+/-0.087 χ^2/NDF : 343264.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 97.500 $\pm$ 1.102 χ^2 /NDF: 3699.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.793 $\pm$ 1.001 χ^2 /NDF: 3426.5/8

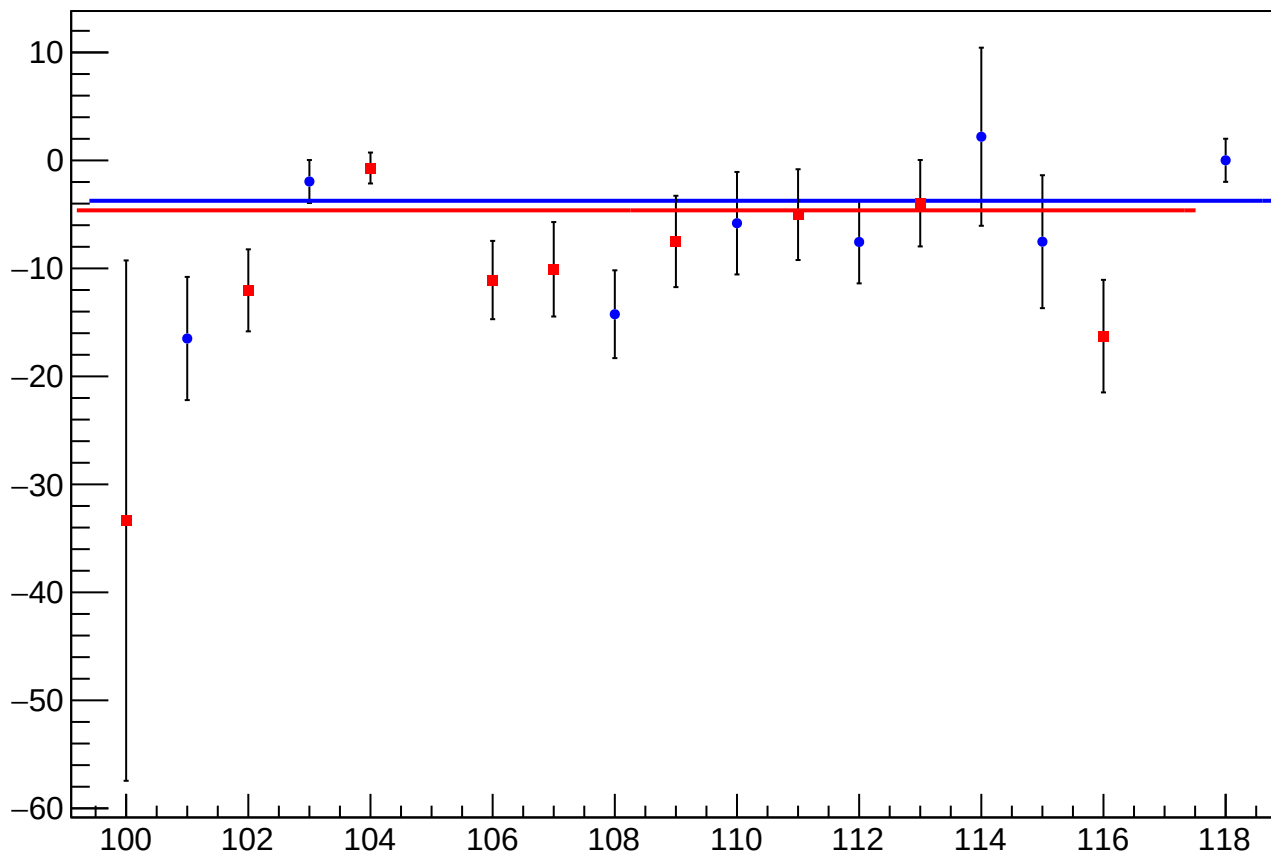
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.726 $\pm$ 0.741 χ^2 /NDF: 7159.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug



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: -4.624+/-1.055 χ^2/NDF : 22.9/8

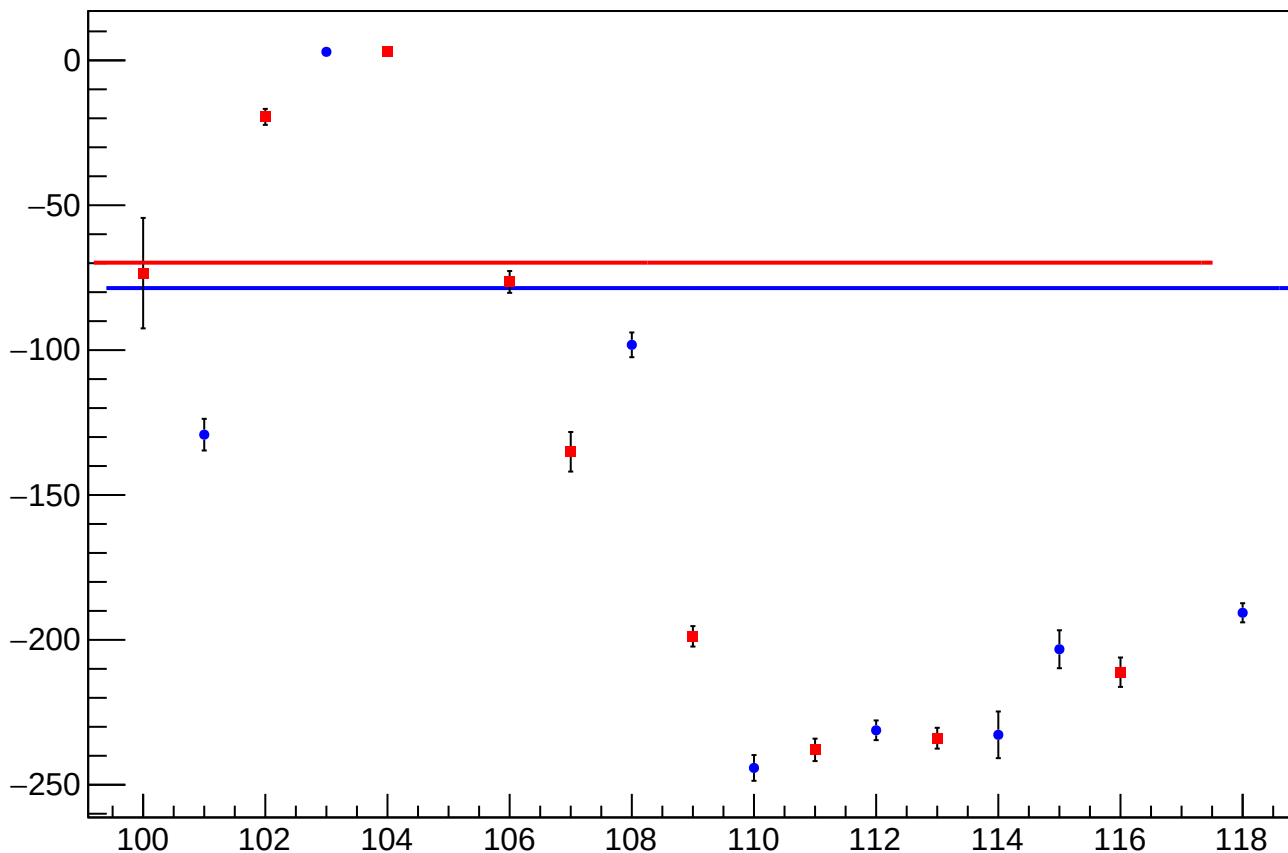
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.221+/-0.779 χ^2/NDF : 41.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug



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: -69.818+/-1.014 χ^2/NDF : 9064.5/8

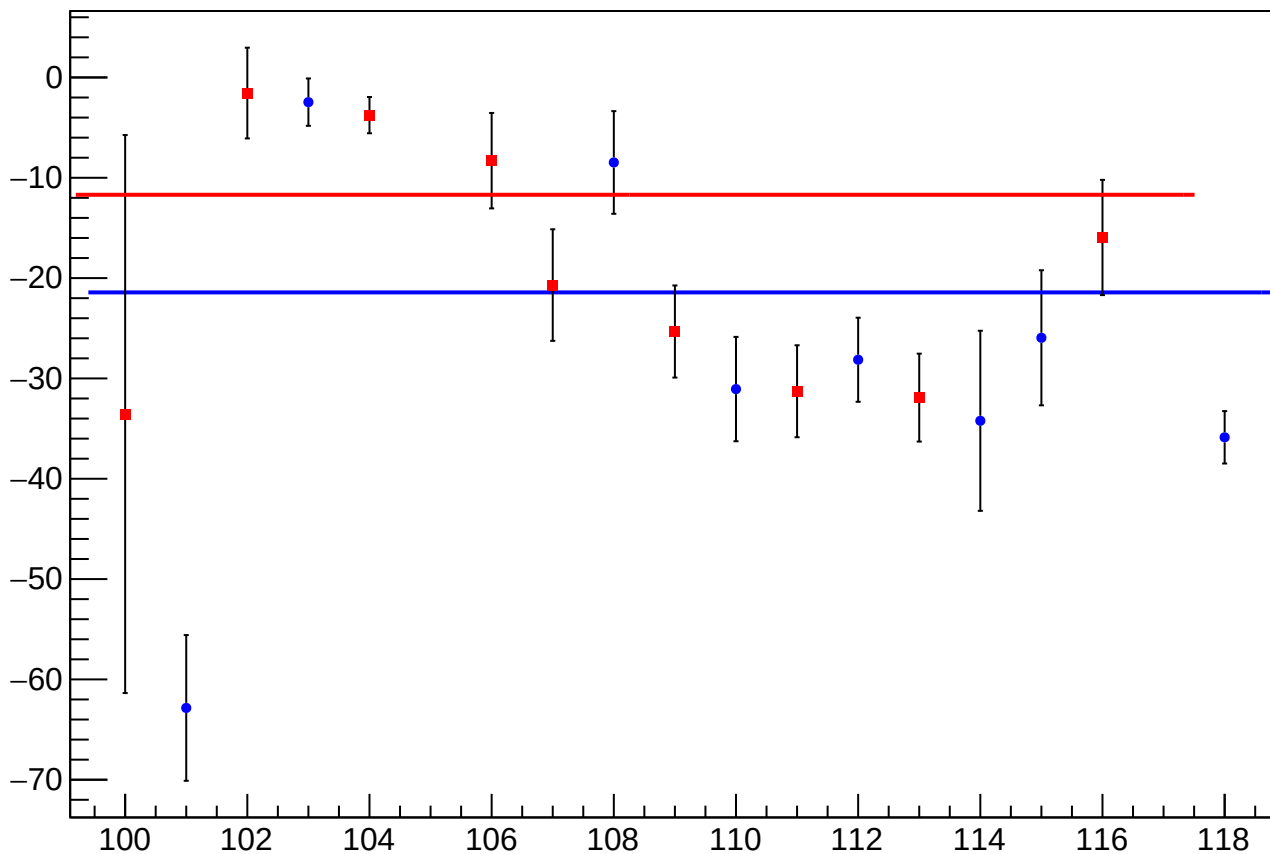
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.905+/-0.741 χ^2/NDF : 17762.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -21.426+/-1.398 χ^2/NDF : 142.6/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.694+/-1.279 χ^2/NDF : 77.0/8

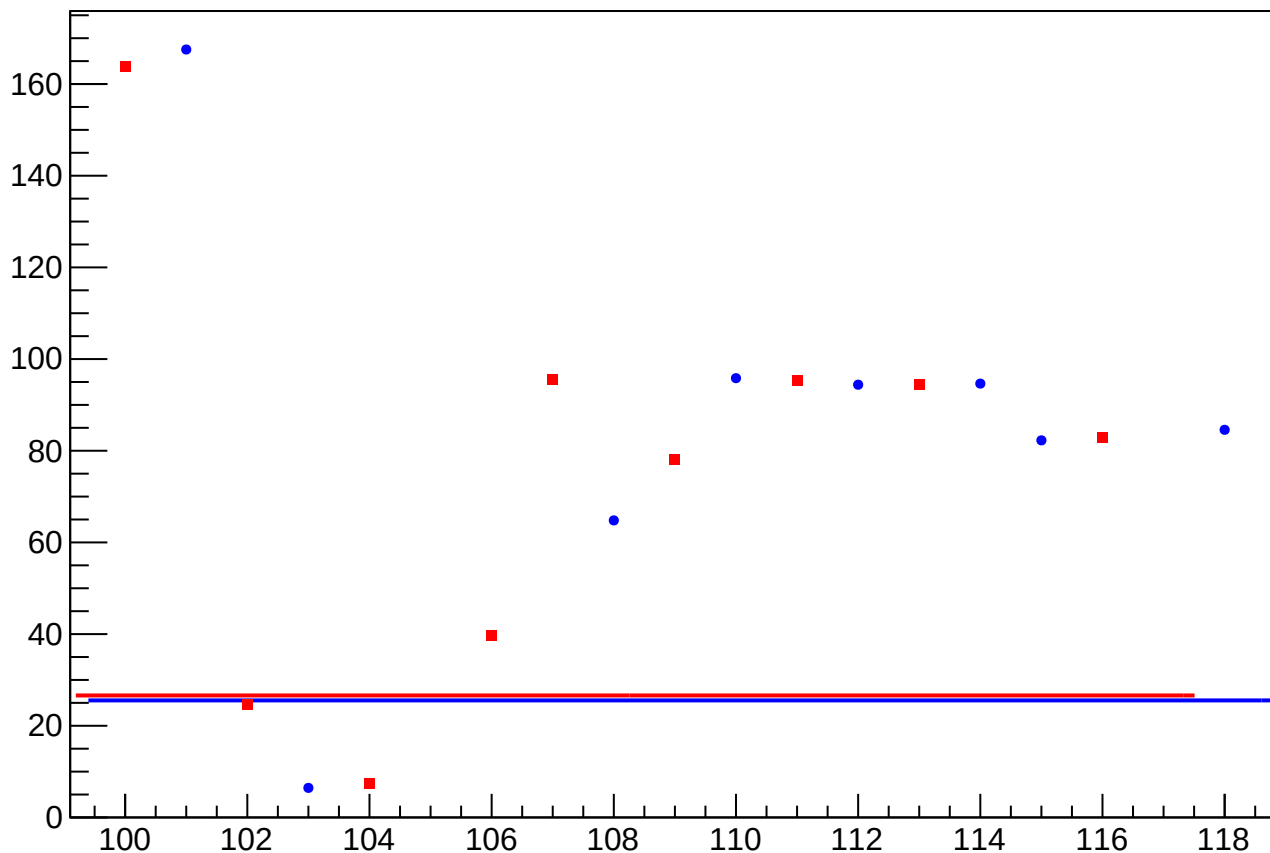
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.130+/-0.944 χ^2/NDF : 245.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug



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: 26.615+/-0.052 χ^2/NDF : 344198.1/8

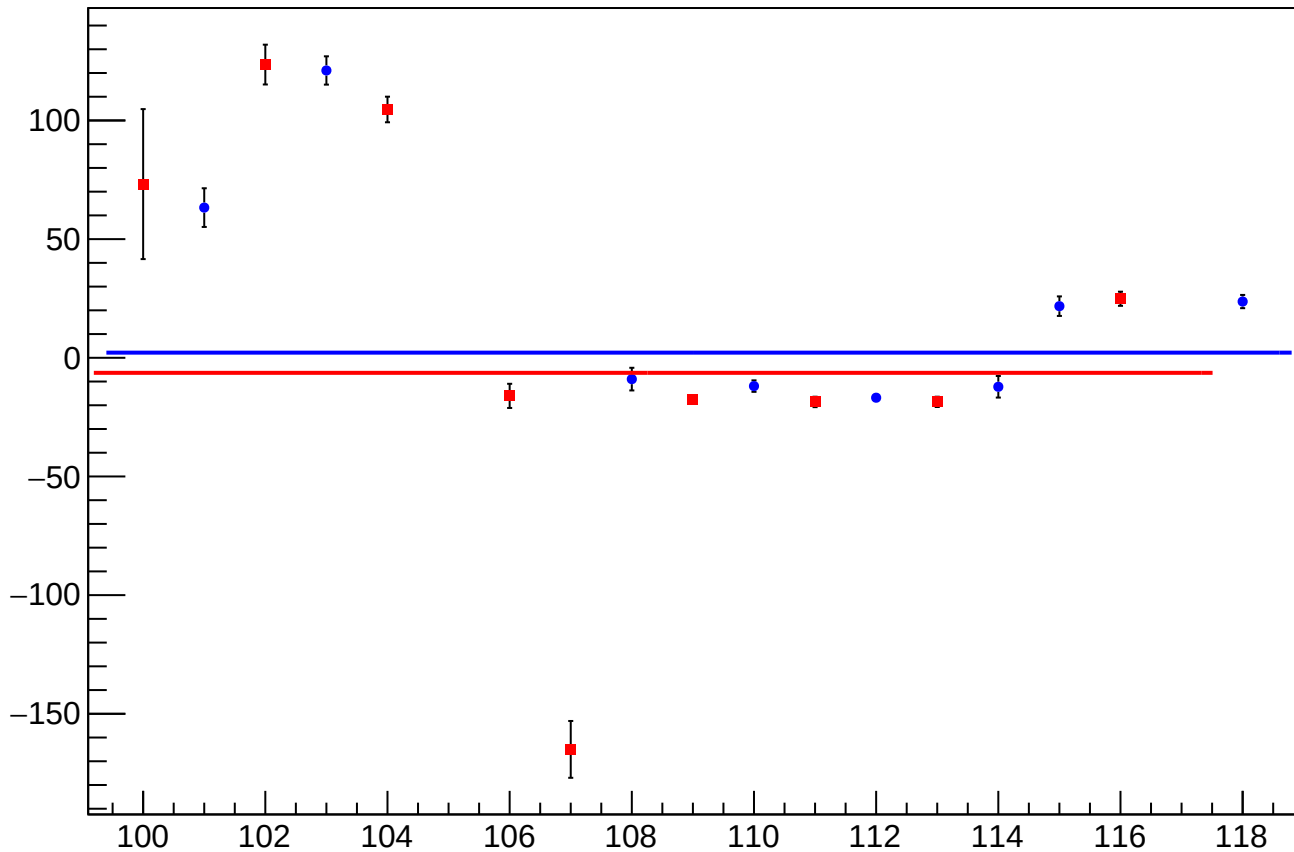
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.080+/-0.037 χ^2/NDF : 871004.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



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: -6.338+/-1.078 χ^2/NDF : 1051.5/8

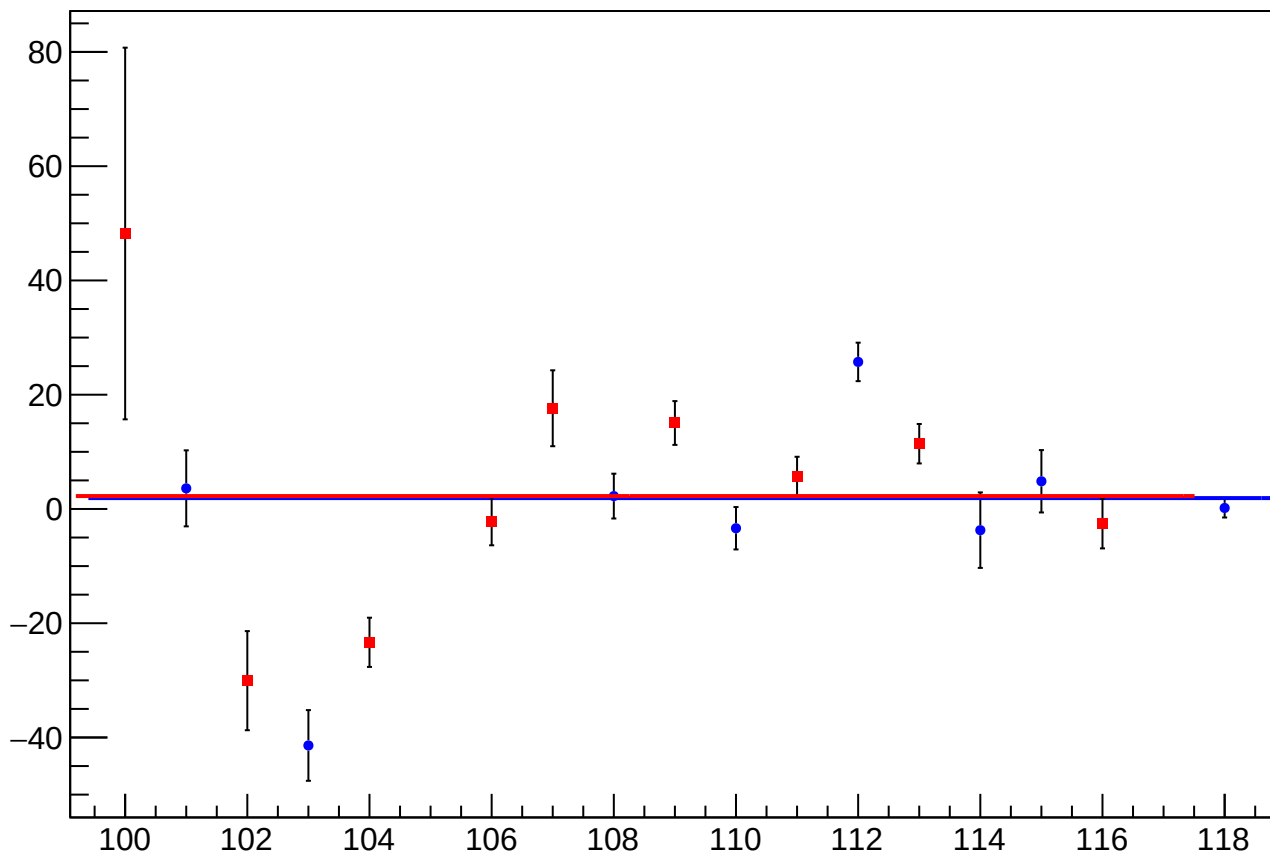
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.415+/-0.792 χ^2/NDF : 1752.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



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: 2.260+/-1.522 χ^2/NDF : 77.9/8

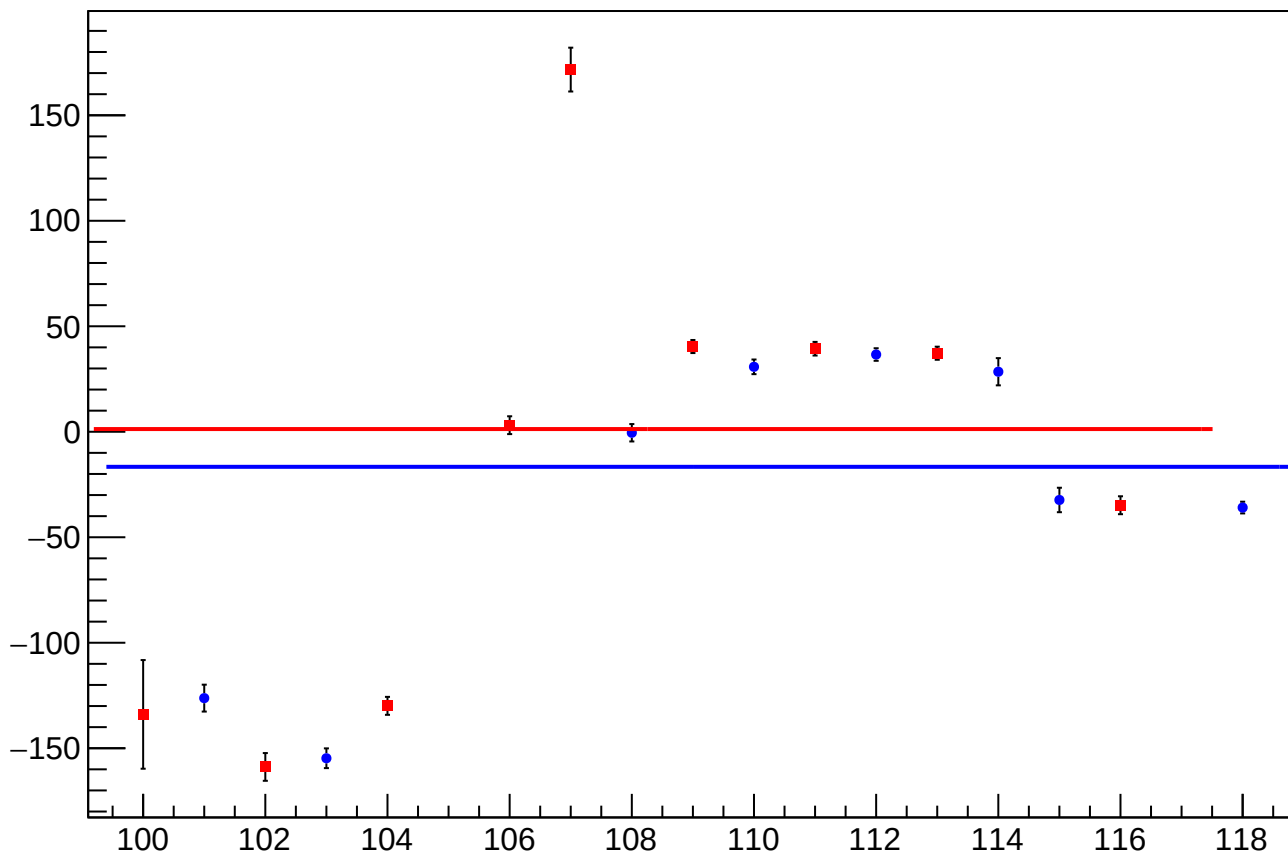
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.041+/-0.944 χ^2/NDF : 181.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



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: 1.282 $\pm$ 1.407 χ^2 /NDF: 2345.7/8

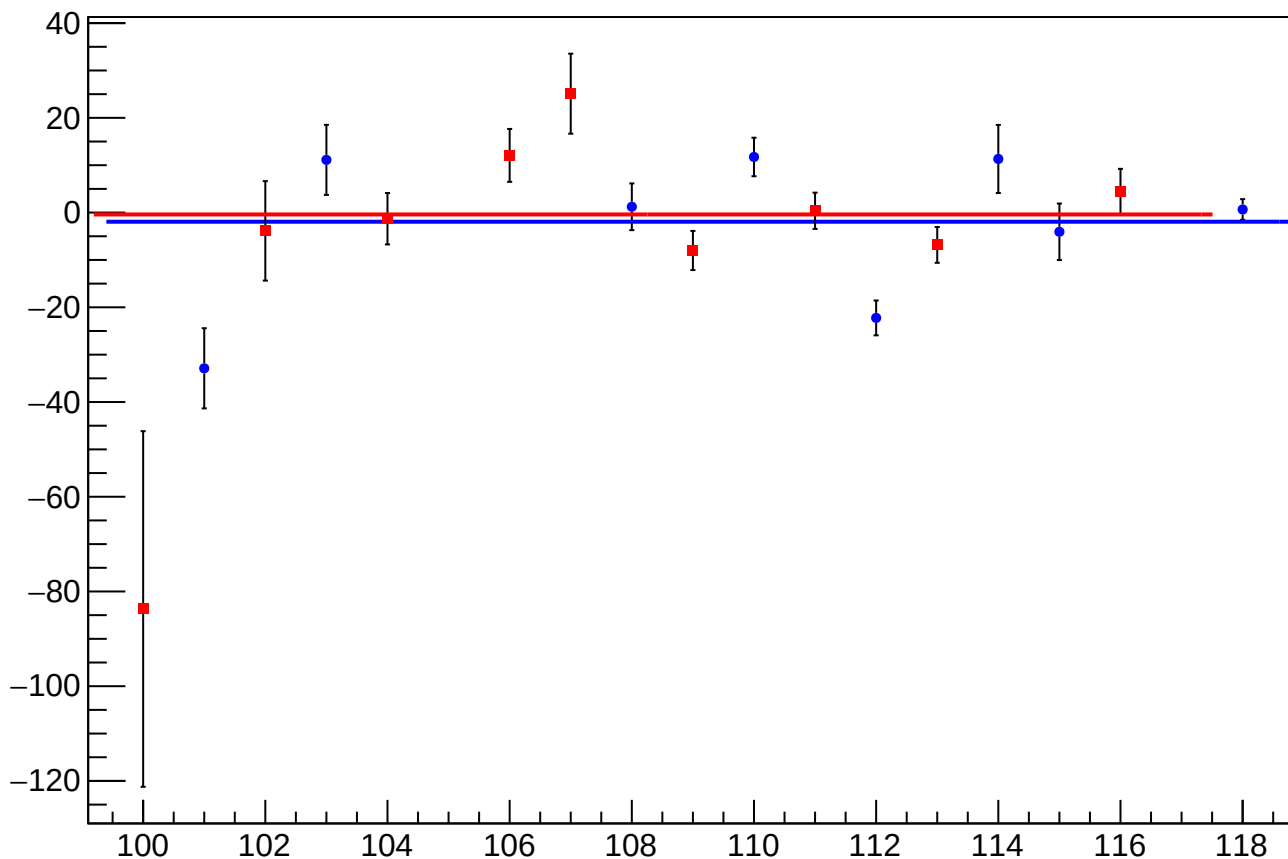
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.698 $\pm$ 0.993 χ^2 /NDF: 4220.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



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: -0.396+/-1.741 χ^2/NDF : 26.5/8

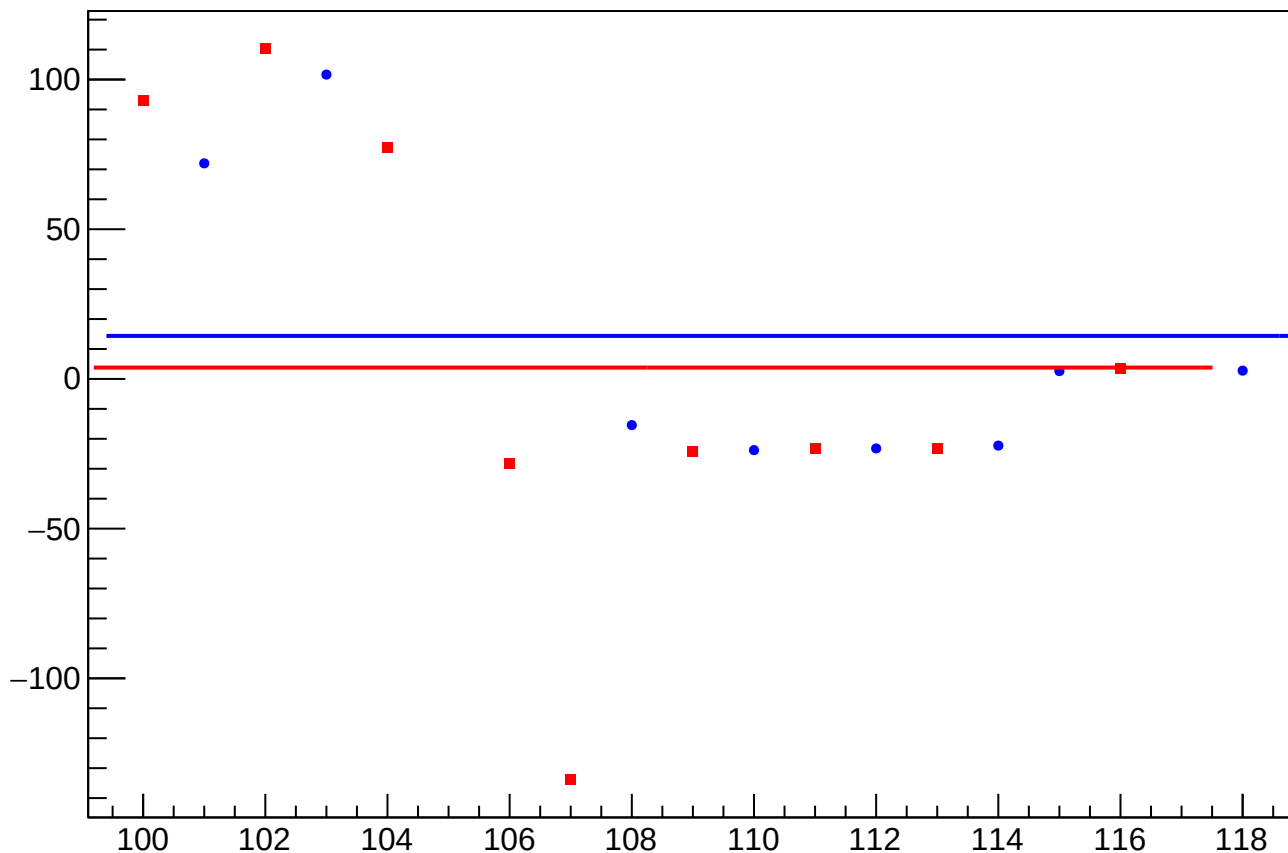
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.294+/-1.122 χ^2/NDF : 90.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug



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: 3.796+/-0.087 χ^2/NDF : 446095.3/8

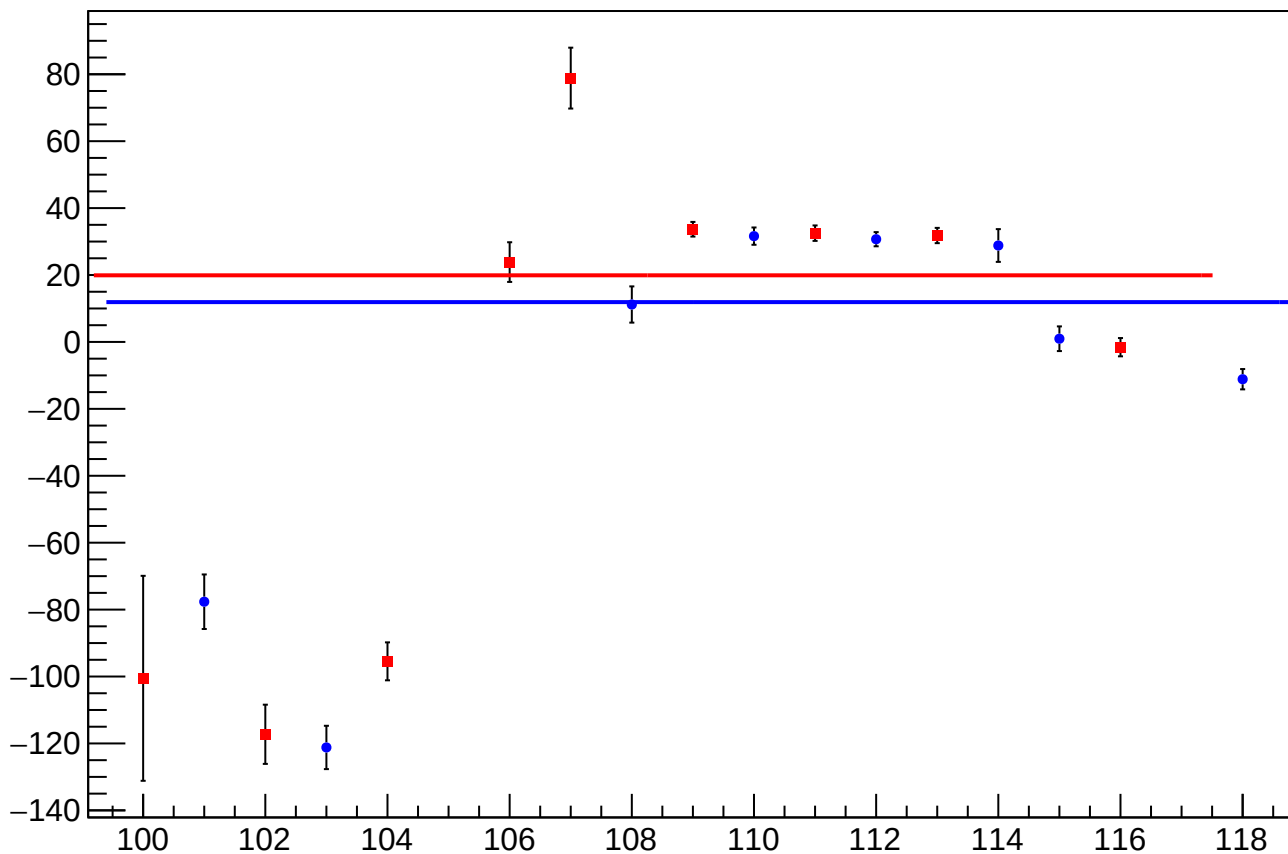
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.033+/-0.062 χ^2/NDF : 758684.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug



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: 19.911+/-1.113 χ^2/NDF : 870.3/8

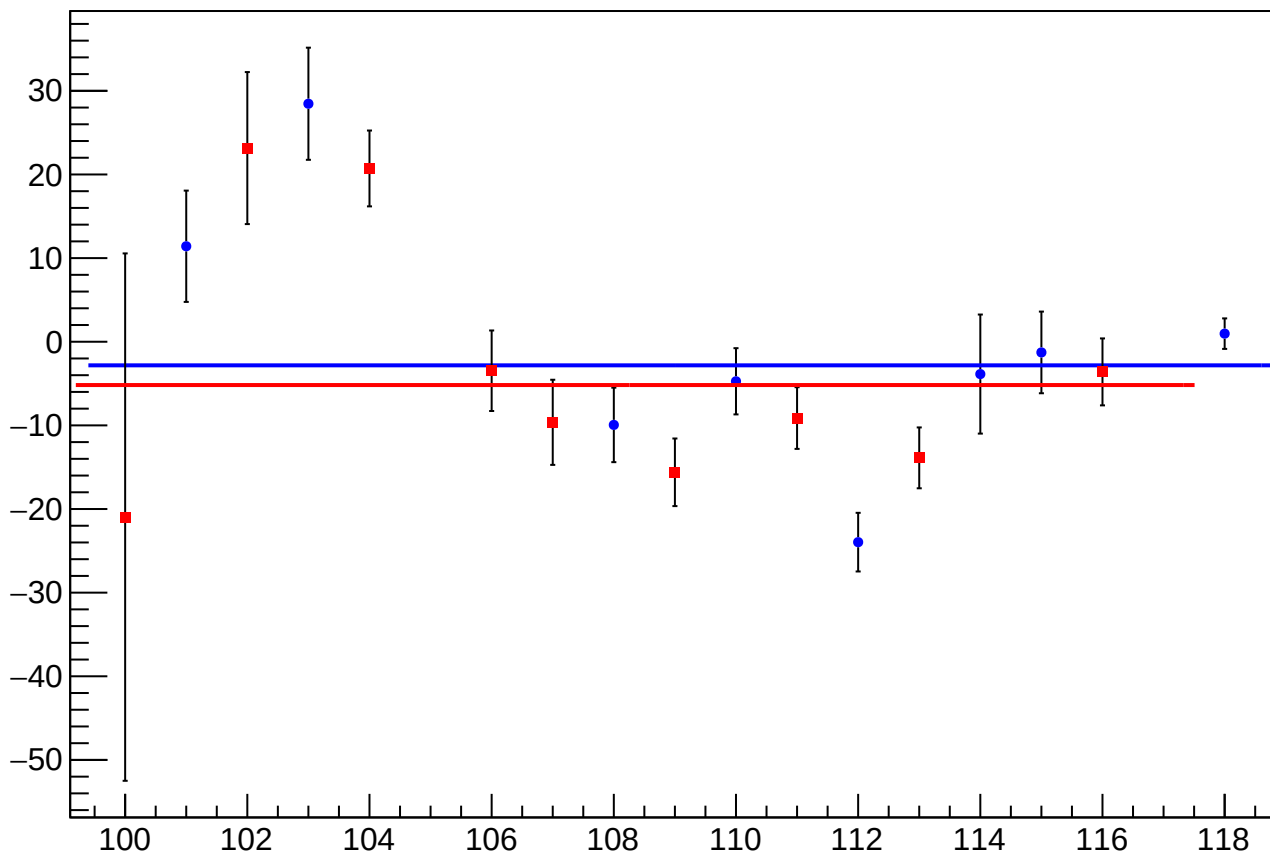
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.282+/-0.823 χ^2/NDF : 1652.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug



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: -5.178+/-1.550 χ^2/NDF : 57.2/8

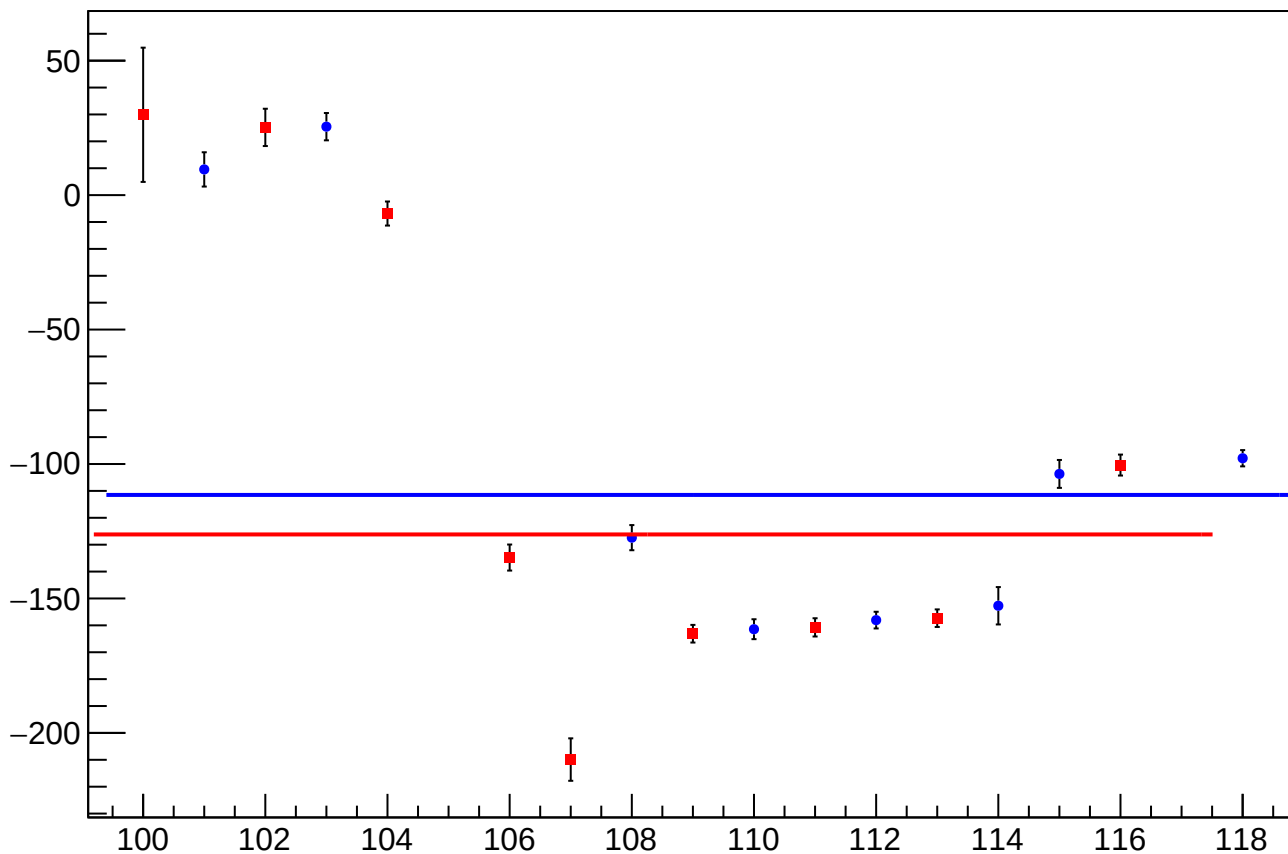
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.784+/-0.991 χ^2/NDF : 128.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -111.496 $\pm$ 1.485 χ^2 /NDF: 1564.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -126.189 $\pm$ 1.458 χ^2 /NDF: 1707.6/8

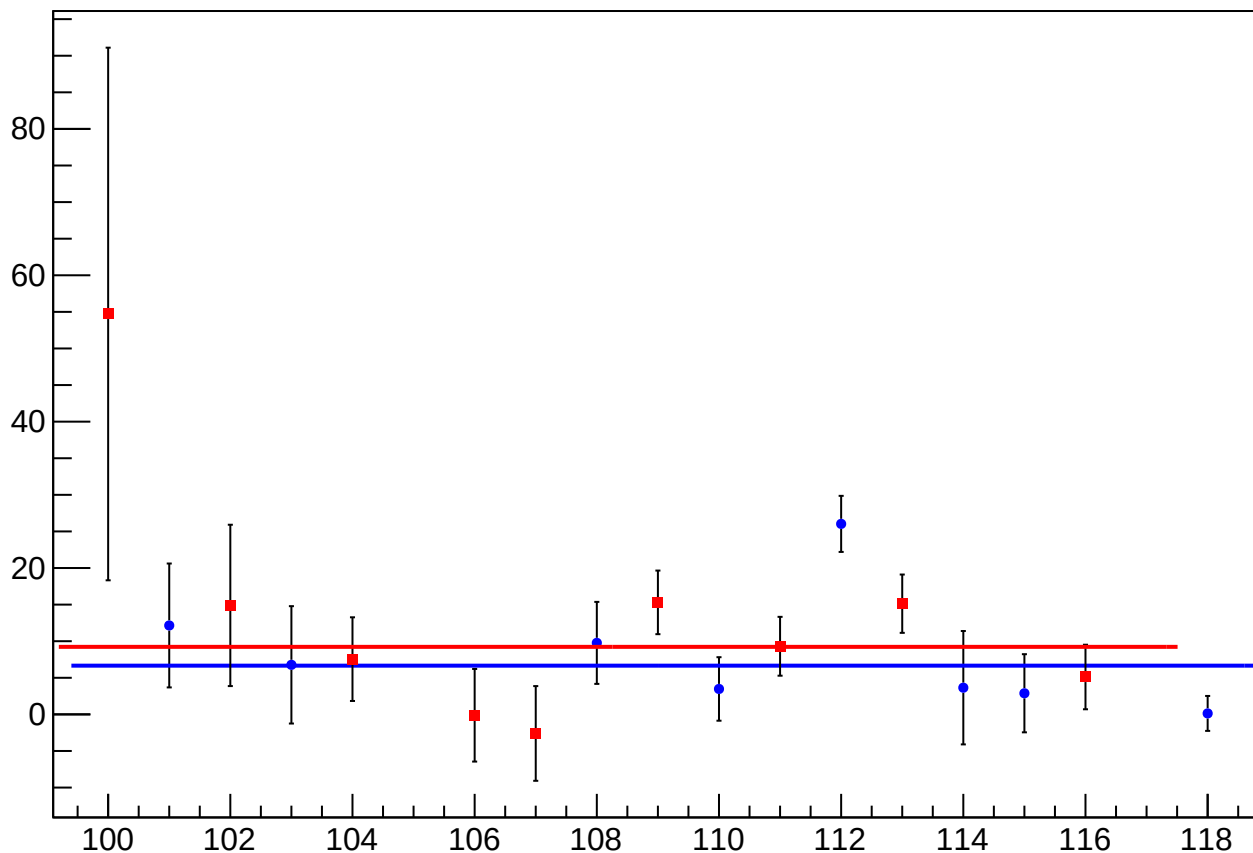
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -118.978 $\pm$ 1.041 χ^2 /NDF: 3321.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug



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: 9.228+/-1.774 χ^2/NDF : 12.5/8

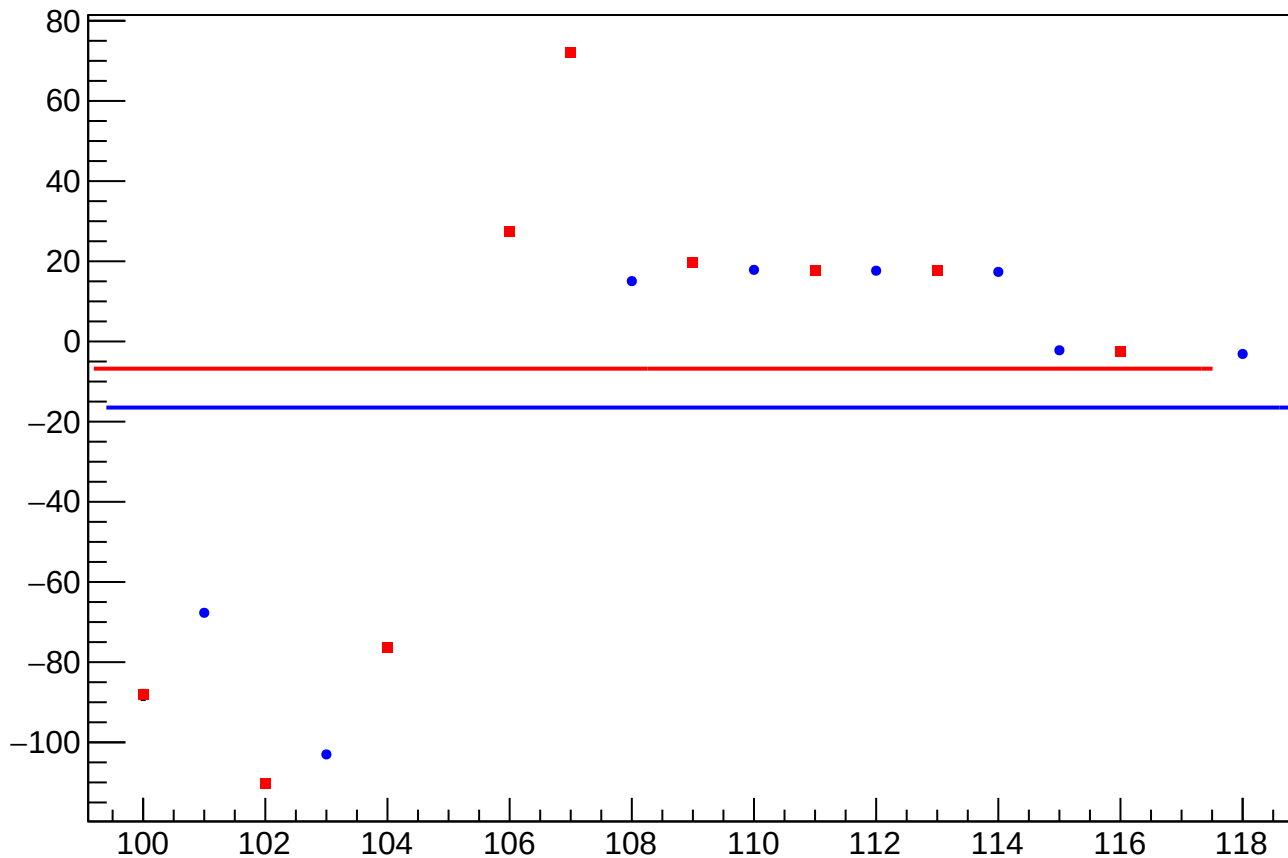
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.780+/-1.172 χ^2/NDF : 48.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug



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: -6.784 ± 0.091 χ^2/NDF : 338572.4/8

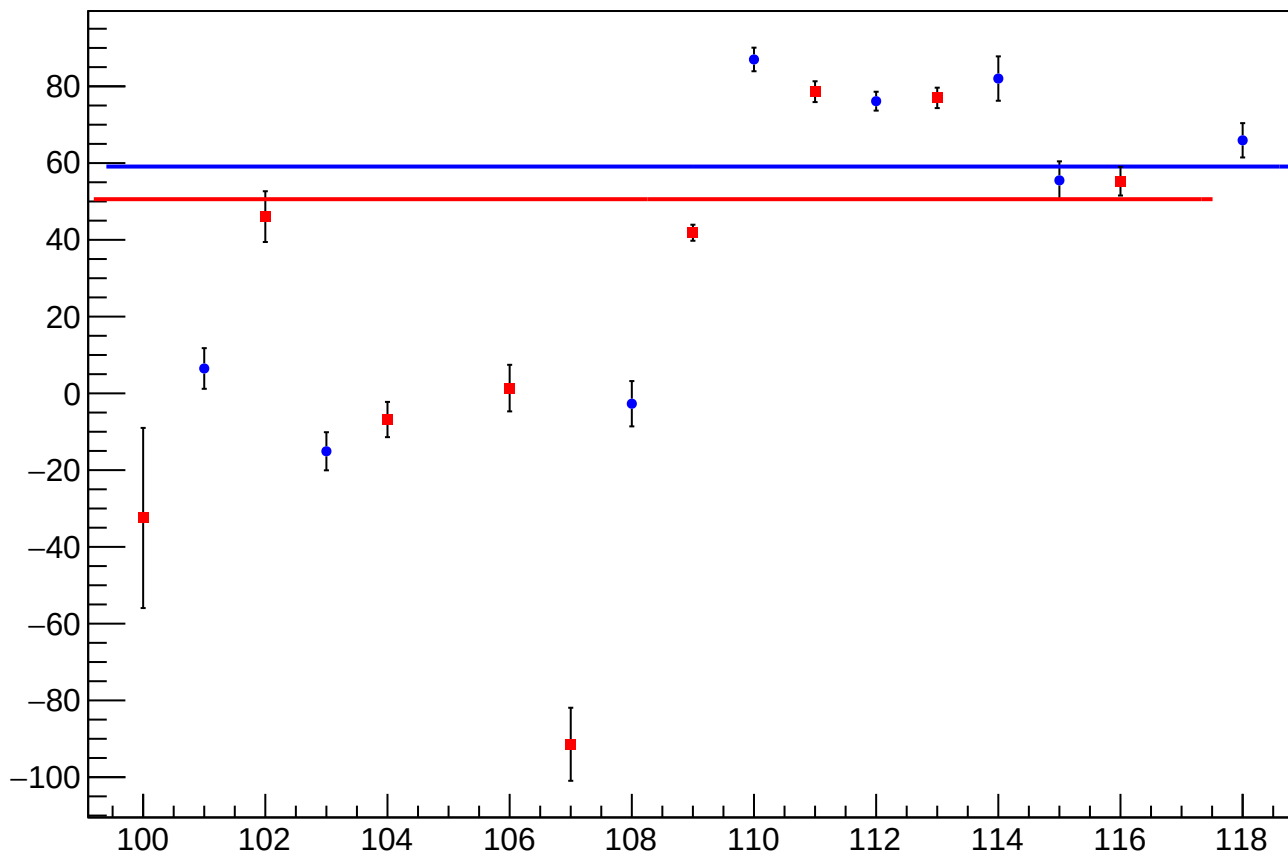
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.446 ± 0.066 χ^2/NDF : 595155.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



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: 50.591 ± 1.206 χ^2/NDF : 681.9/8

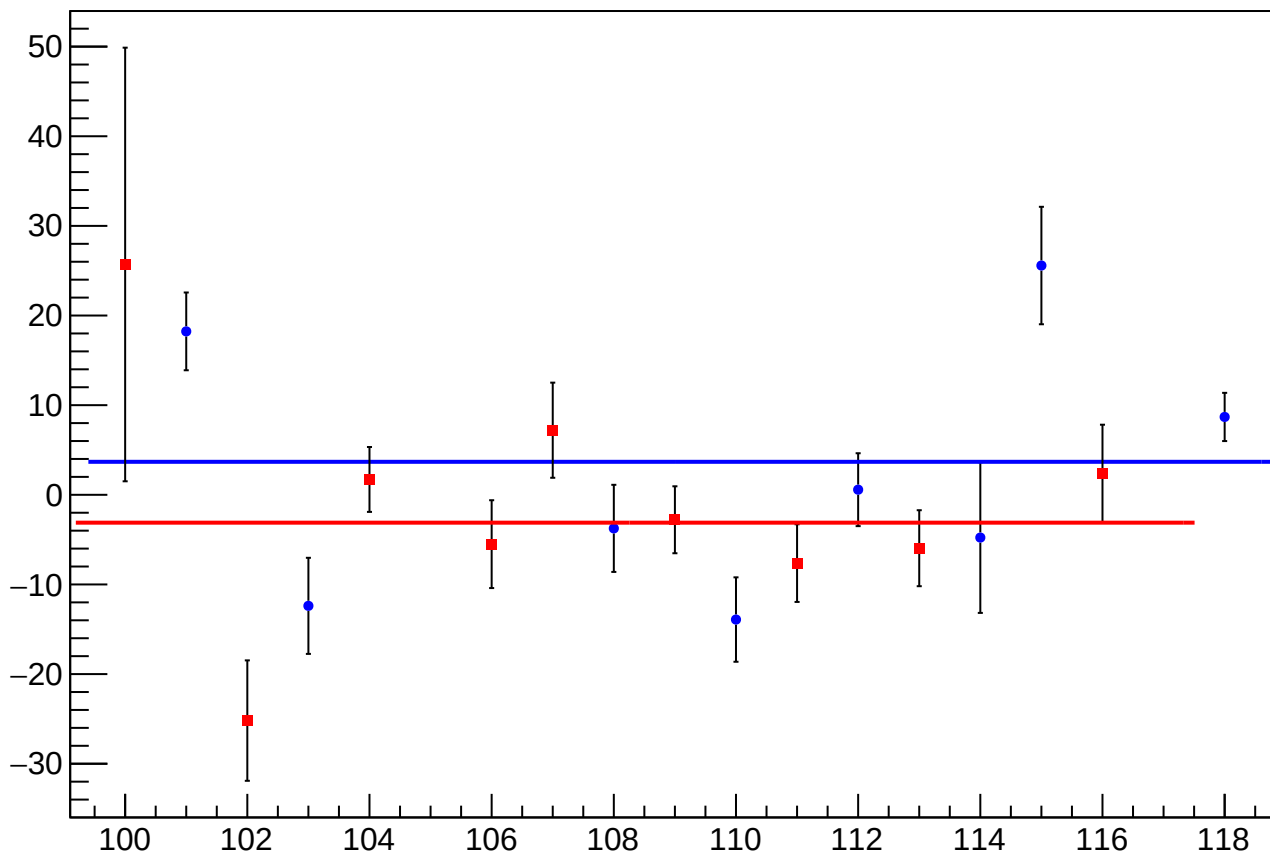
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 54.160 ± 0.919 χ^2/NDF : 1283.4/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.681 $\pm$ 1.559 χ^2 /NDF: 52.8/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.107 $\pm$ 1.598 χ^2 /NDF: 20.5/8

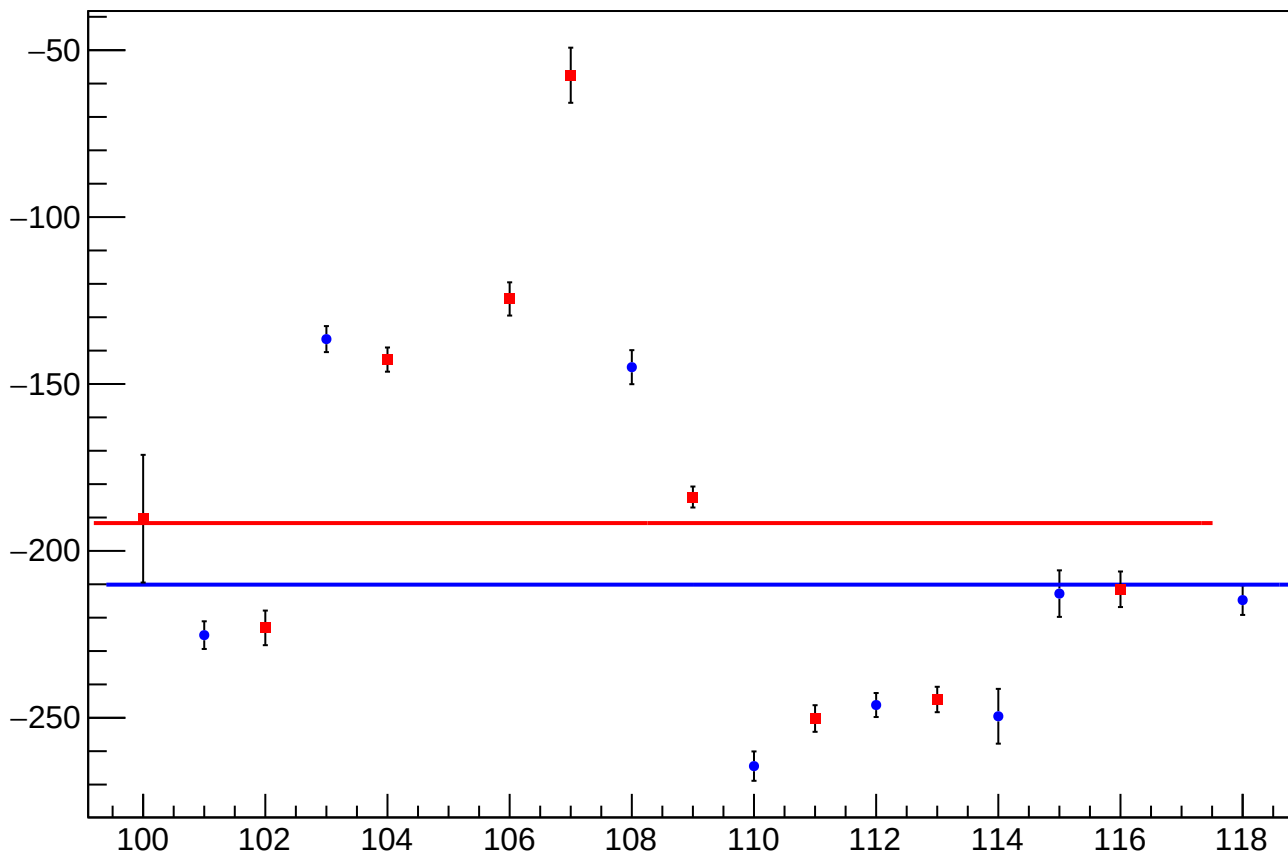
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.373 $\pm$ 1.116 χ^2 /NDF: 82.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



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: -191.664+/-1.509 χ^2/NDF : 1093.5/8

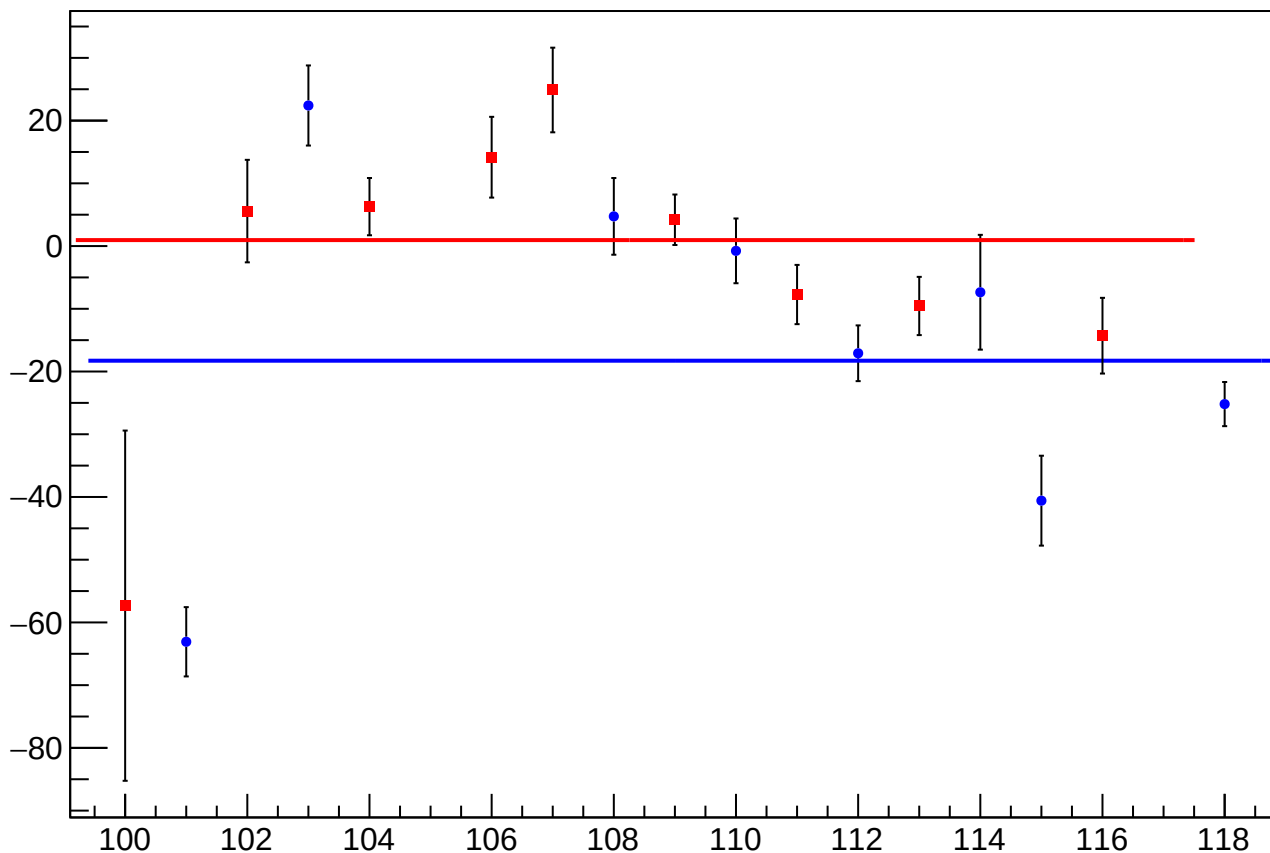
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.185+/-1.107 χ^2/NDF : 1972.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug



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: 0.952 $\pm$ 1.854 χ^2 /NDF: 38.4/8

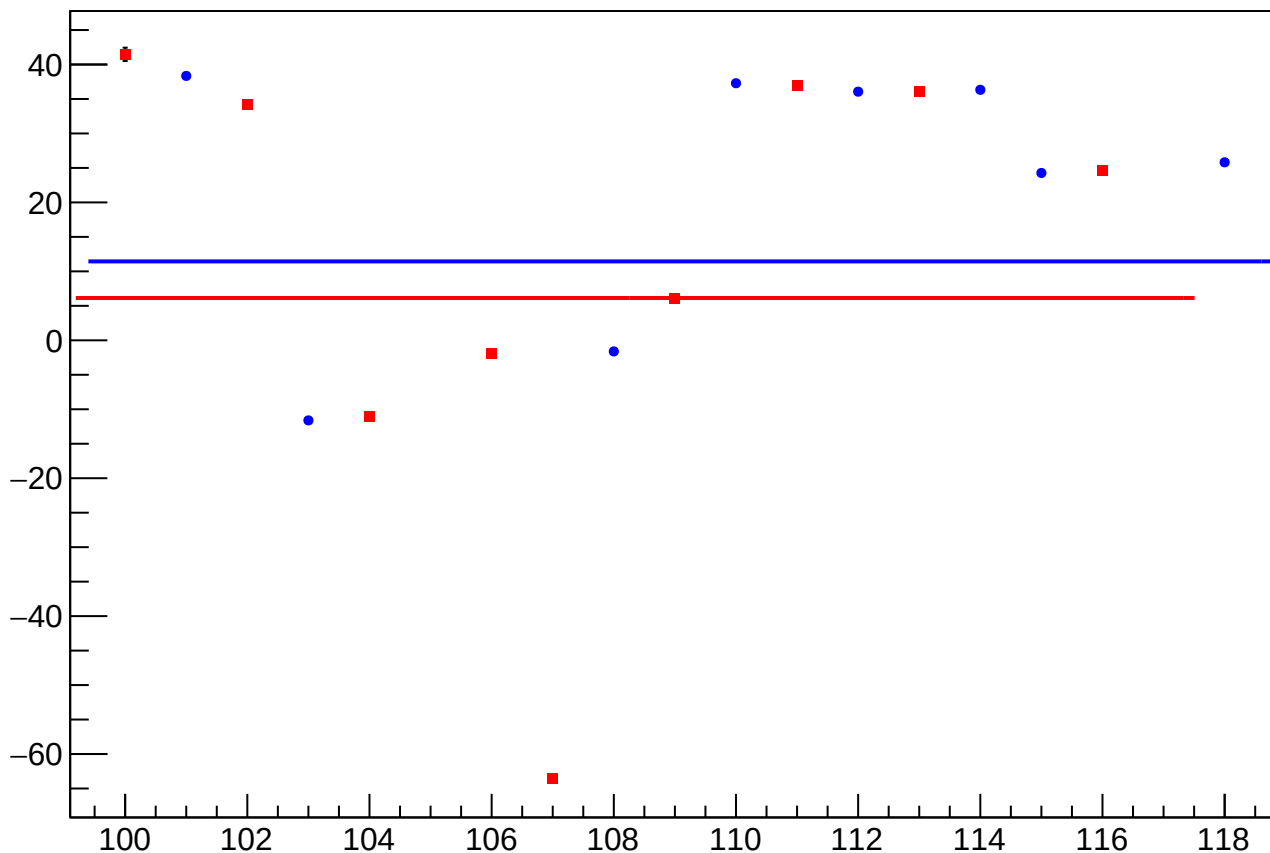
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.555 $\pm$ 1.319 χ^2 /NDF: 238.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 11.444 $\pm$ 0.095 χ^2 /NDF: 52344.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.138 $\pm$ 0.087 χ^2 /NDF: 93290.2/8

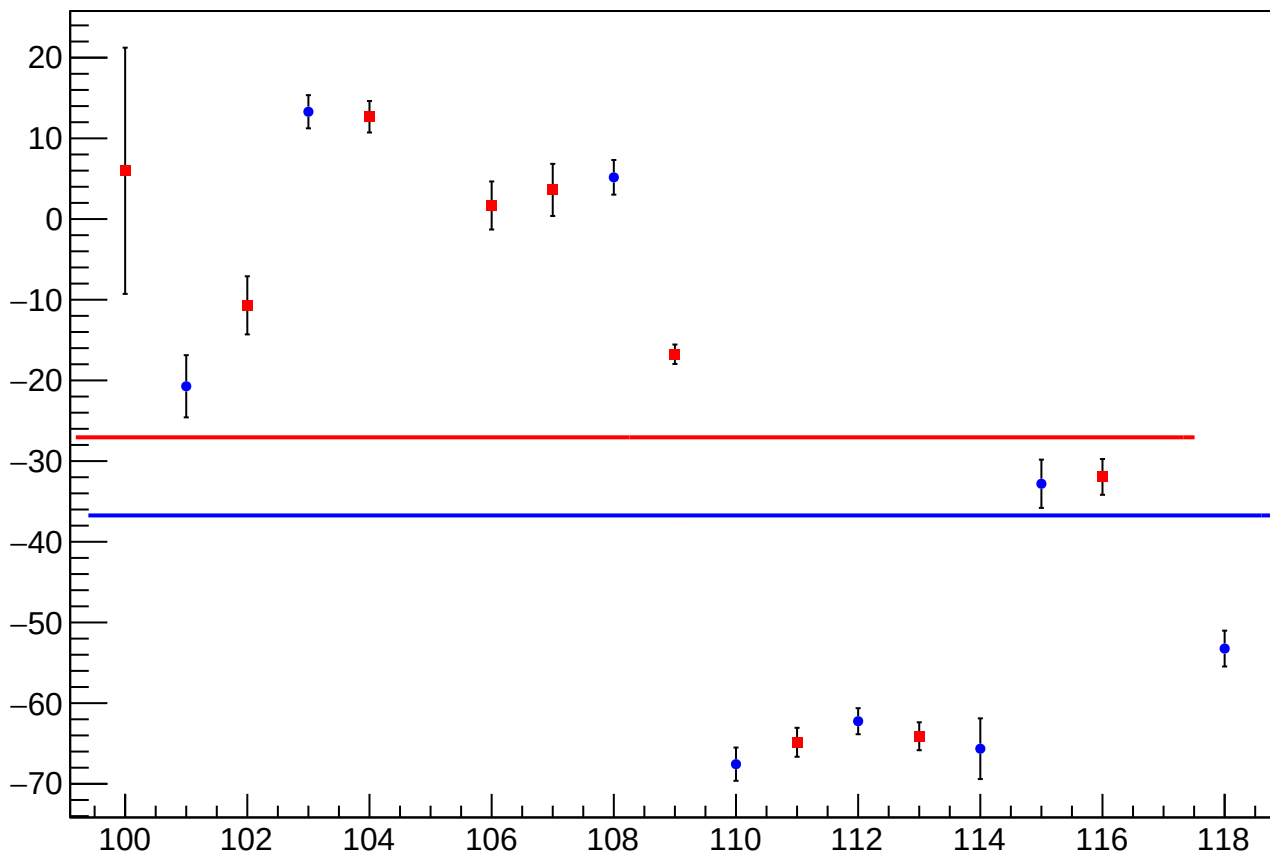
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.578 $\pm$ 0.064 χ^2 /NDF: 147332.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -36.735 ± 0.809 χ^2/NDF : 1580.9/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.053 ± 0.692 χ^2/NDF : 1603.7/8

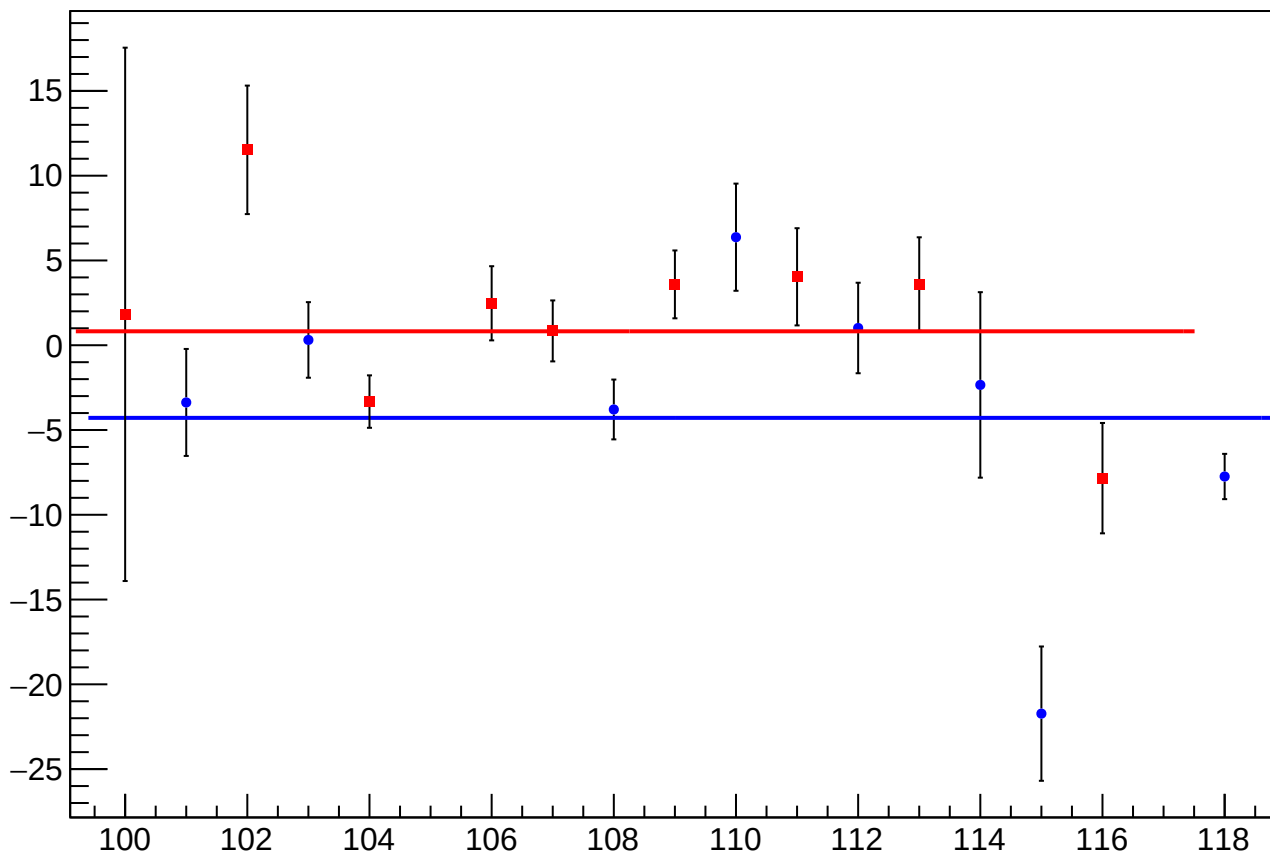
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.139 ± 0.526 χ^2/NDF : 3267.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.284+/-0.811 χ^2/NDF : 46.0/7

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.822+/-0.789 χ^2/NDF : 27.0/8

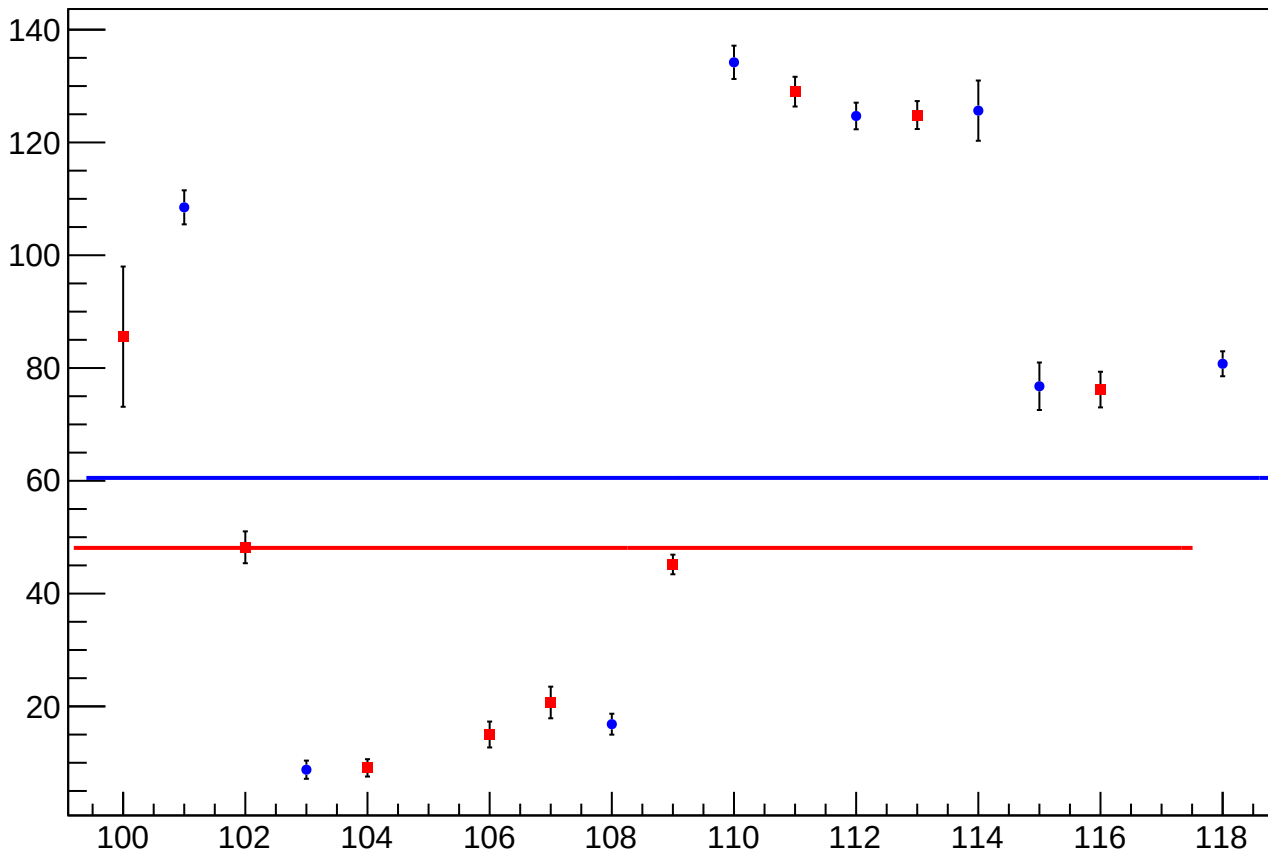
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.661+/-0.565 χ^2/NDF : 93.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 60.515 $\pm$ 0.853 χ^2 /NDF: 3445.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.104 $\pm$ 0.789 χ^2 /NDF: 2937.8/8

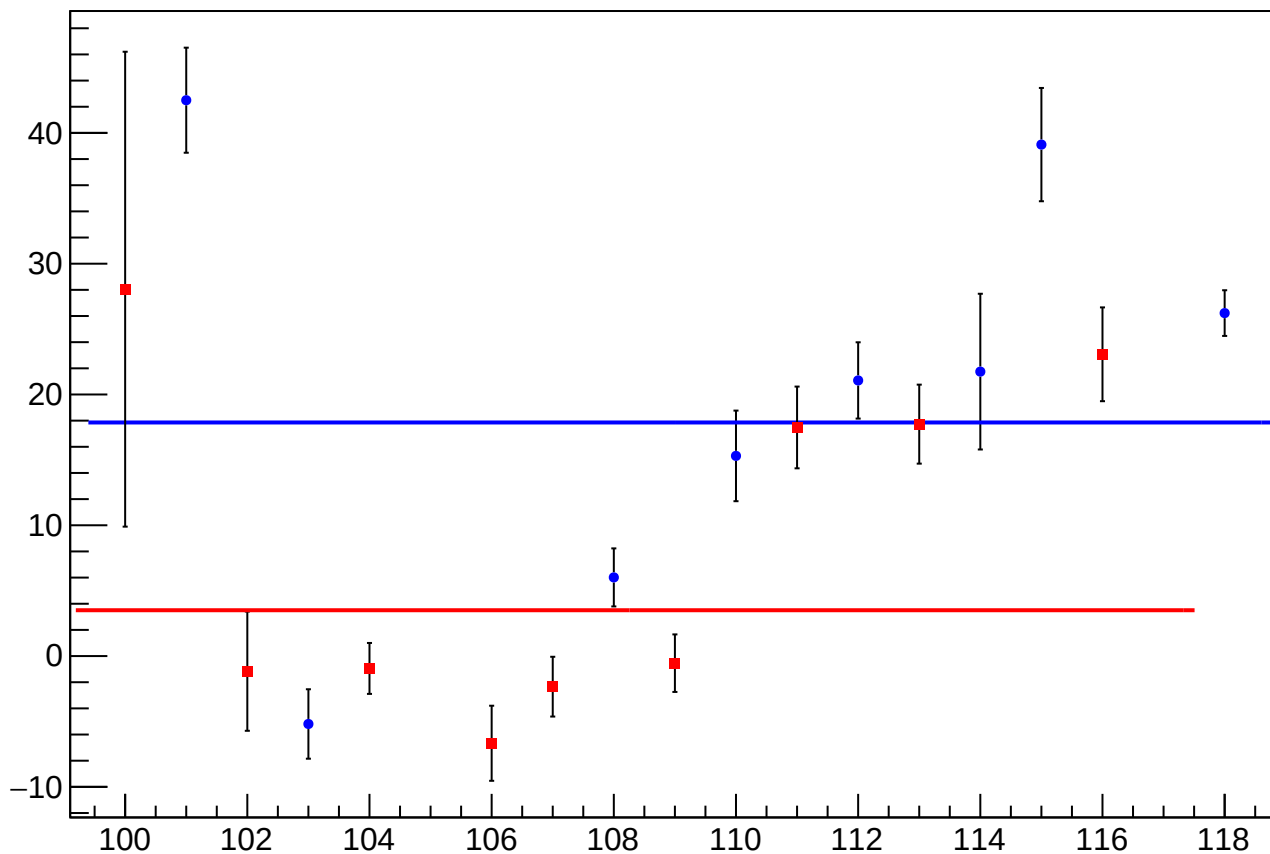
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.825 $\pm$ 0.579 χ^2 /NDF: 6497.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



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: 3.504 $\pm$ 0.943 χ^2 /NDF: 102.5/8

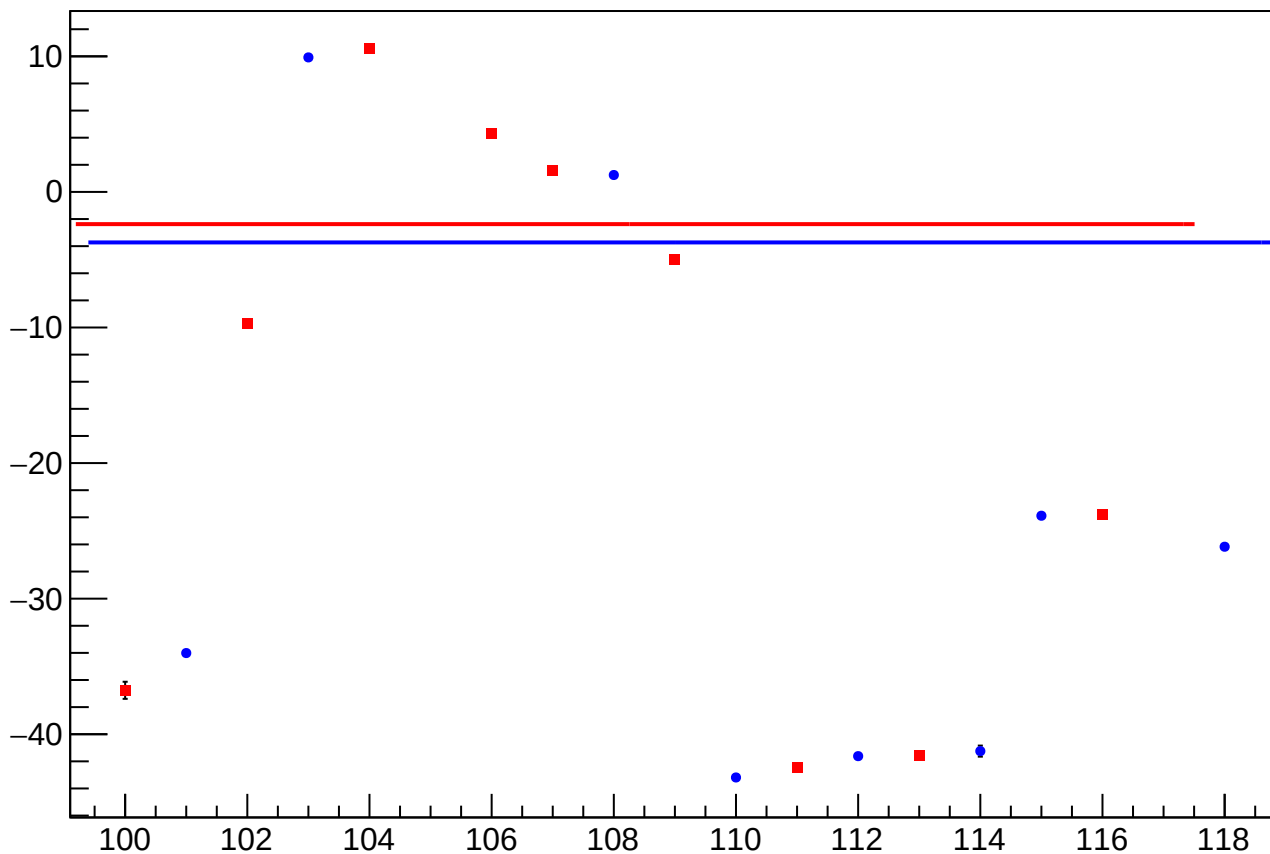
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.324 $\pm$ 0.683 χ^2 /NDF: 403.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug



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: -2.375+/-0.043 χ^2/NDF : 130959.8/8

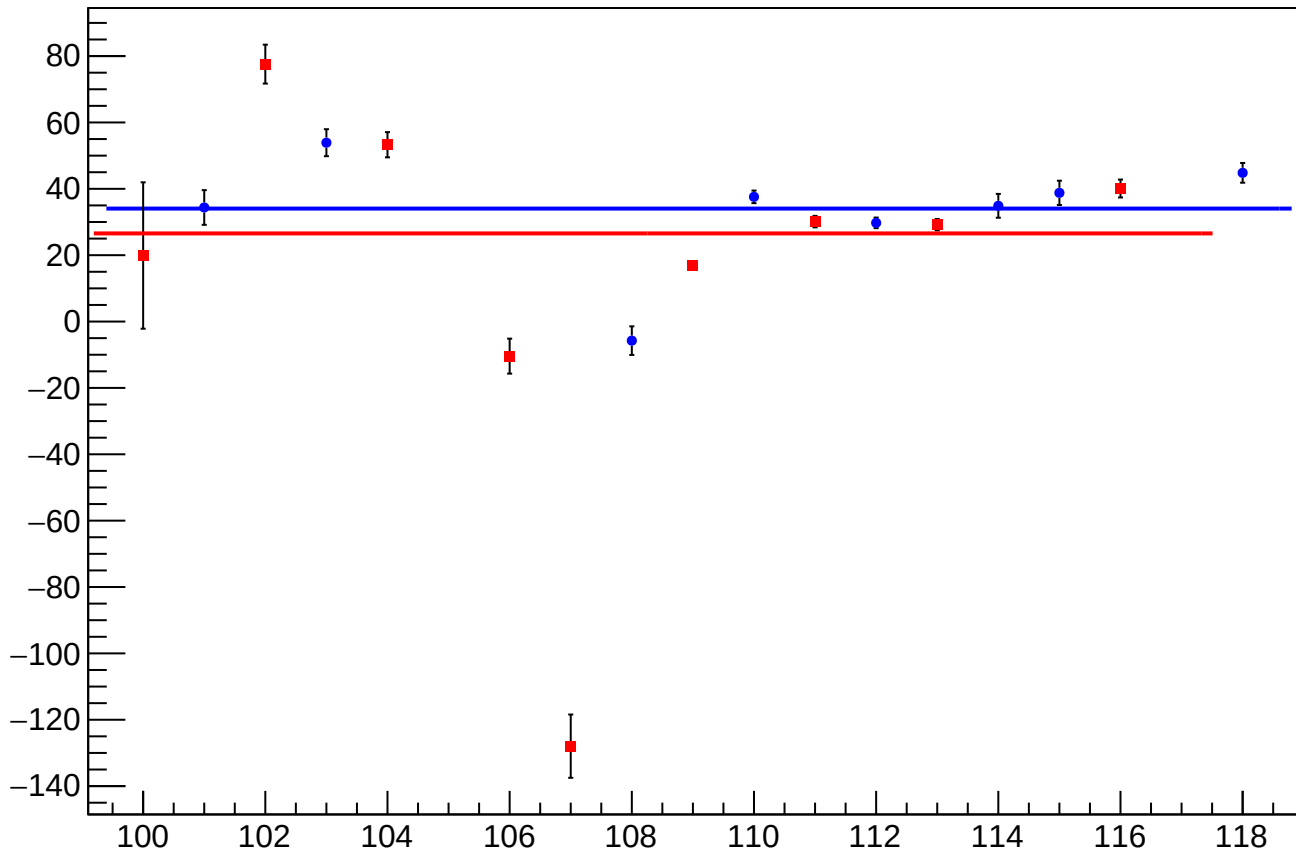
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.032+/-0.031 χ^2/NDF : 302597.4/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



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: 26.563 ± 0.843 χ^2/NDF : 509.6/8

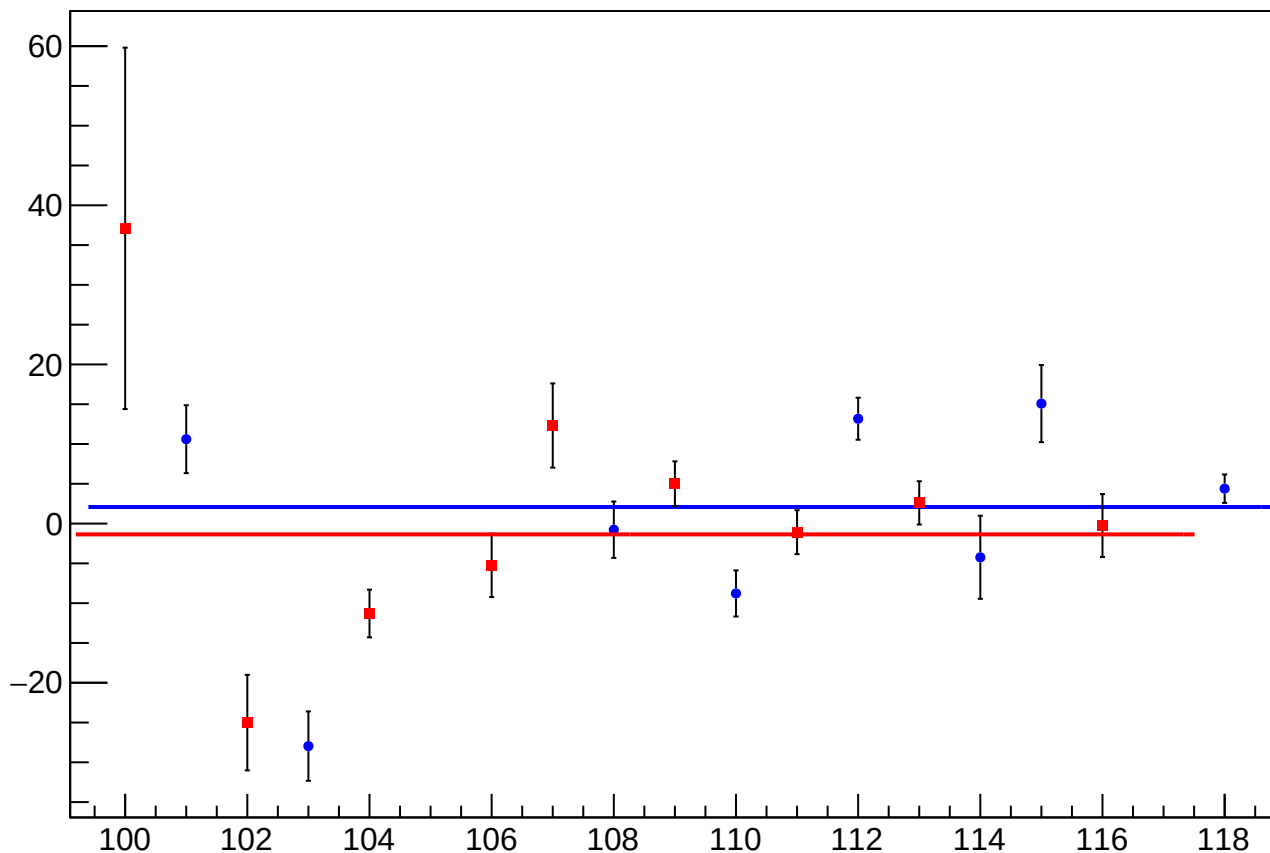
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 29.829 ± 0.633 χ^2/NDF : 678.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 2.086 $\pm$ 1.089 χ^2 /NDF: 94.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.356 $\pm$ 1.198 χ^2 /NDF: 44.4/8

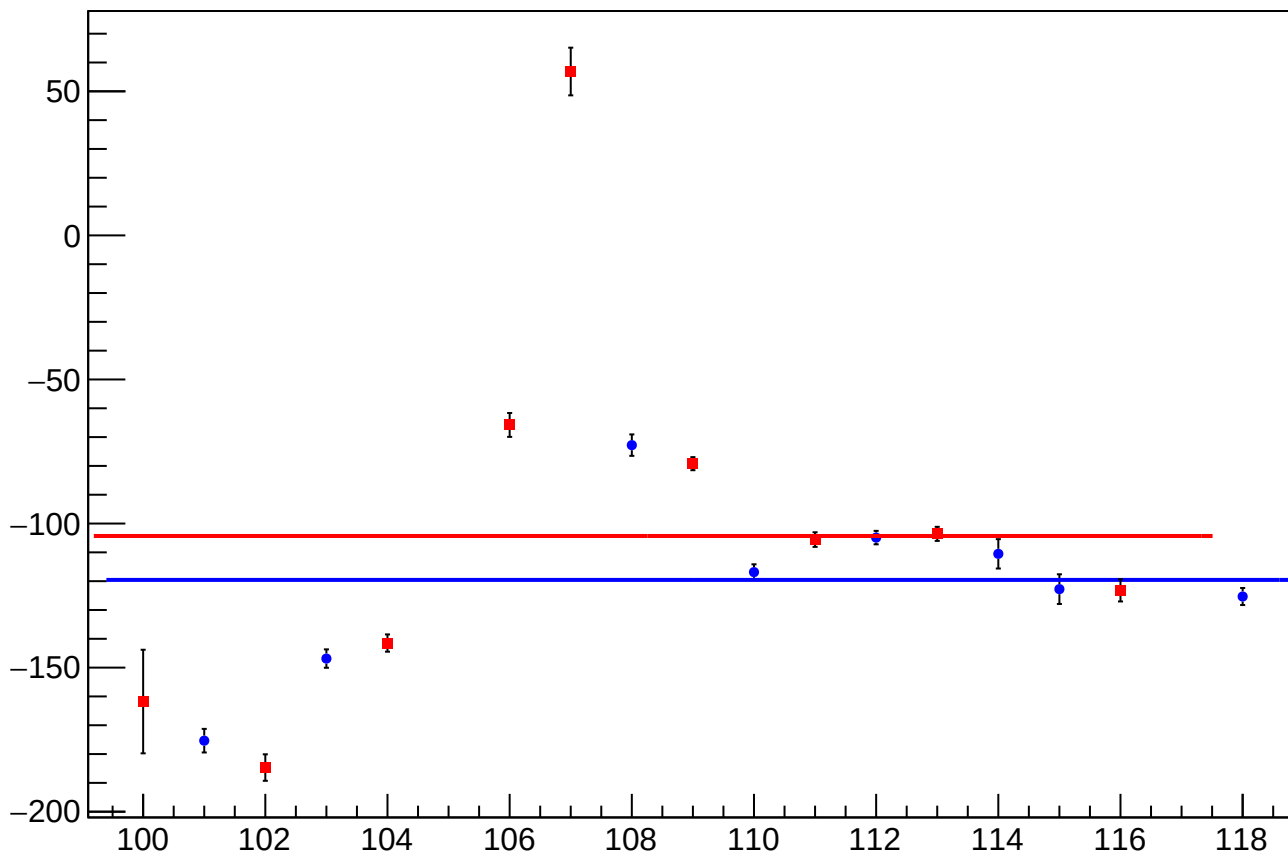
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.529 $\pm$ 0.806 χ^2 /NDF: 143.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -119.562 ± 1.162 χ^2/NDF : 465.0/7

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -104.317 ± 1.105 χ^2/NDF : 1082.4/8

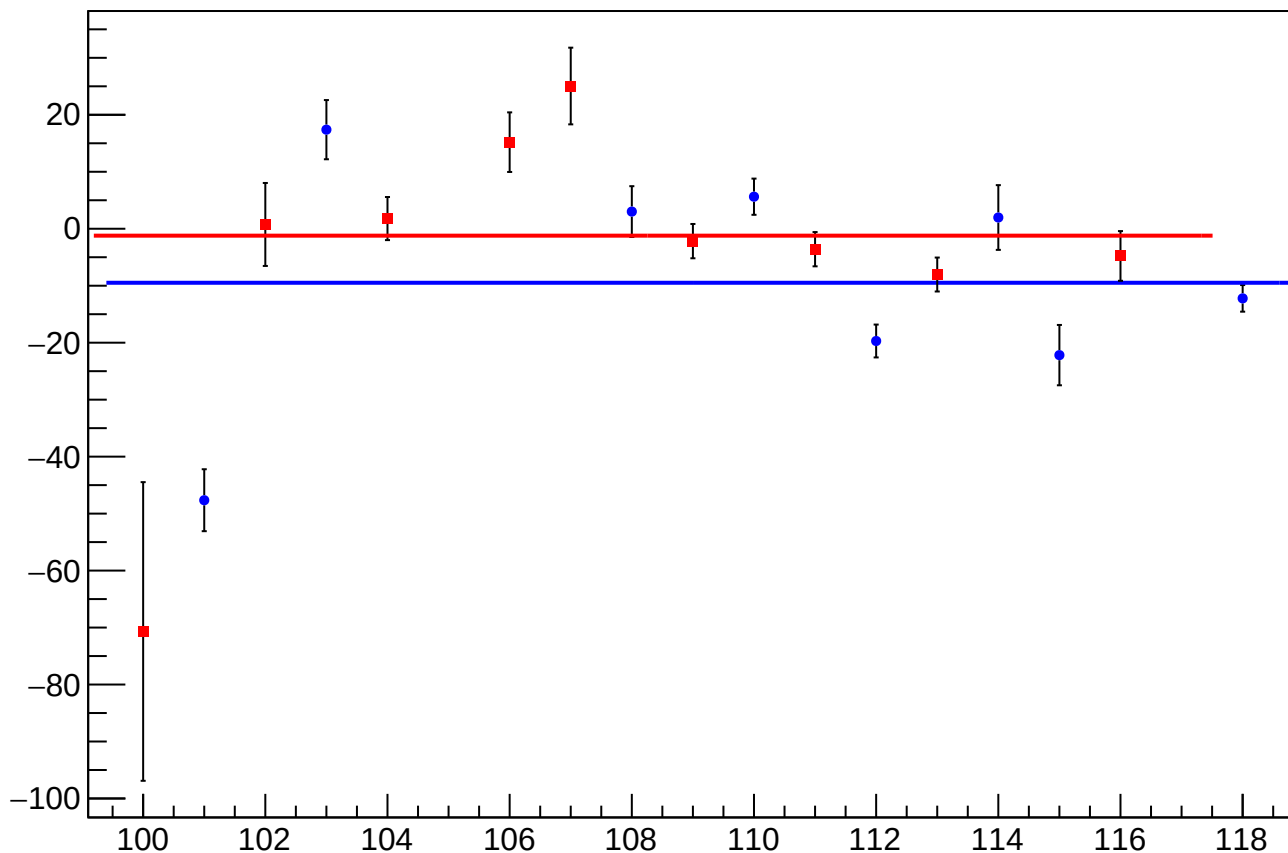
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -111.554 ± 0.801 χ^2/NDF : 1637.7/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



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: -1.214+/-1.367 χ^2/NDF : 39.4/8

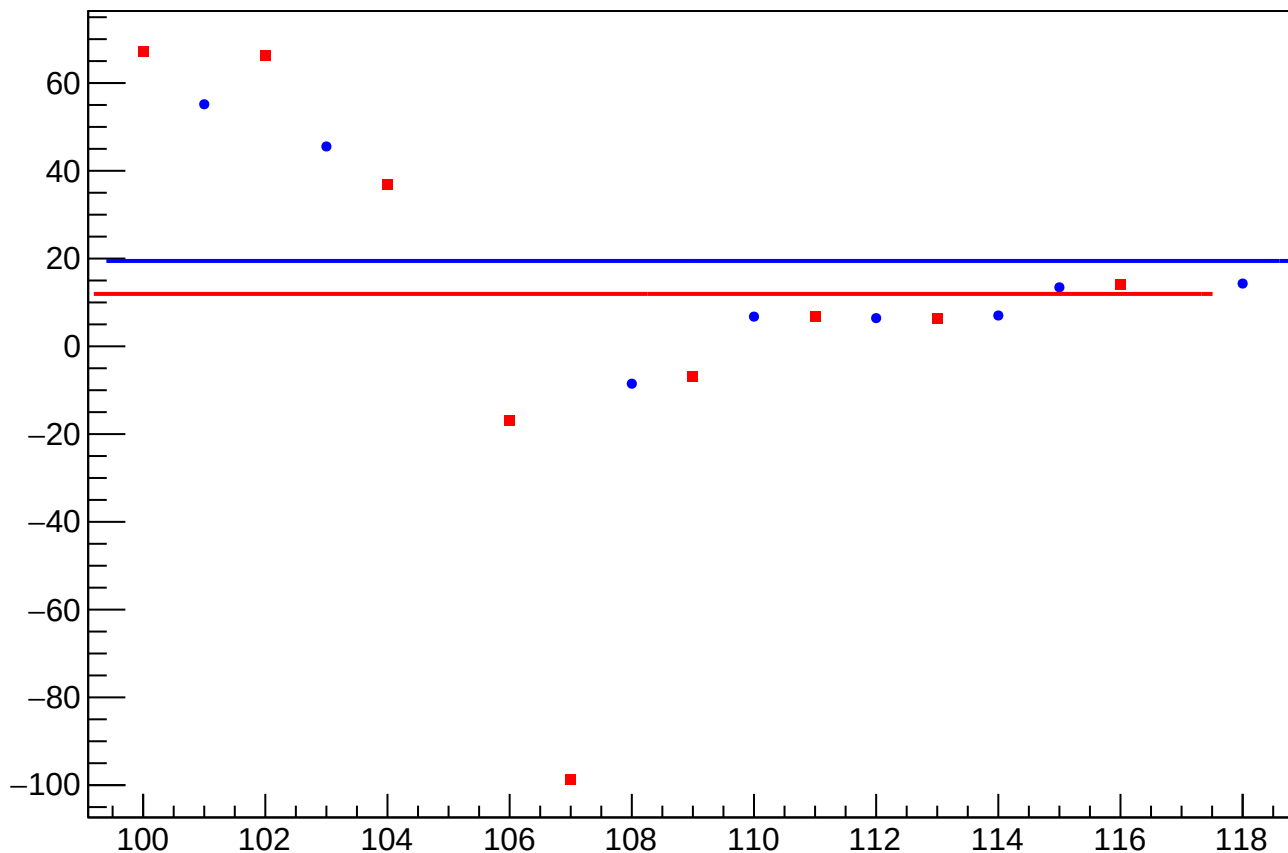
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.550+/-0.943 χ^2/NDF : 188.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



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: 11.944+/-0.069 χ^2/NDF : 250664.5/8

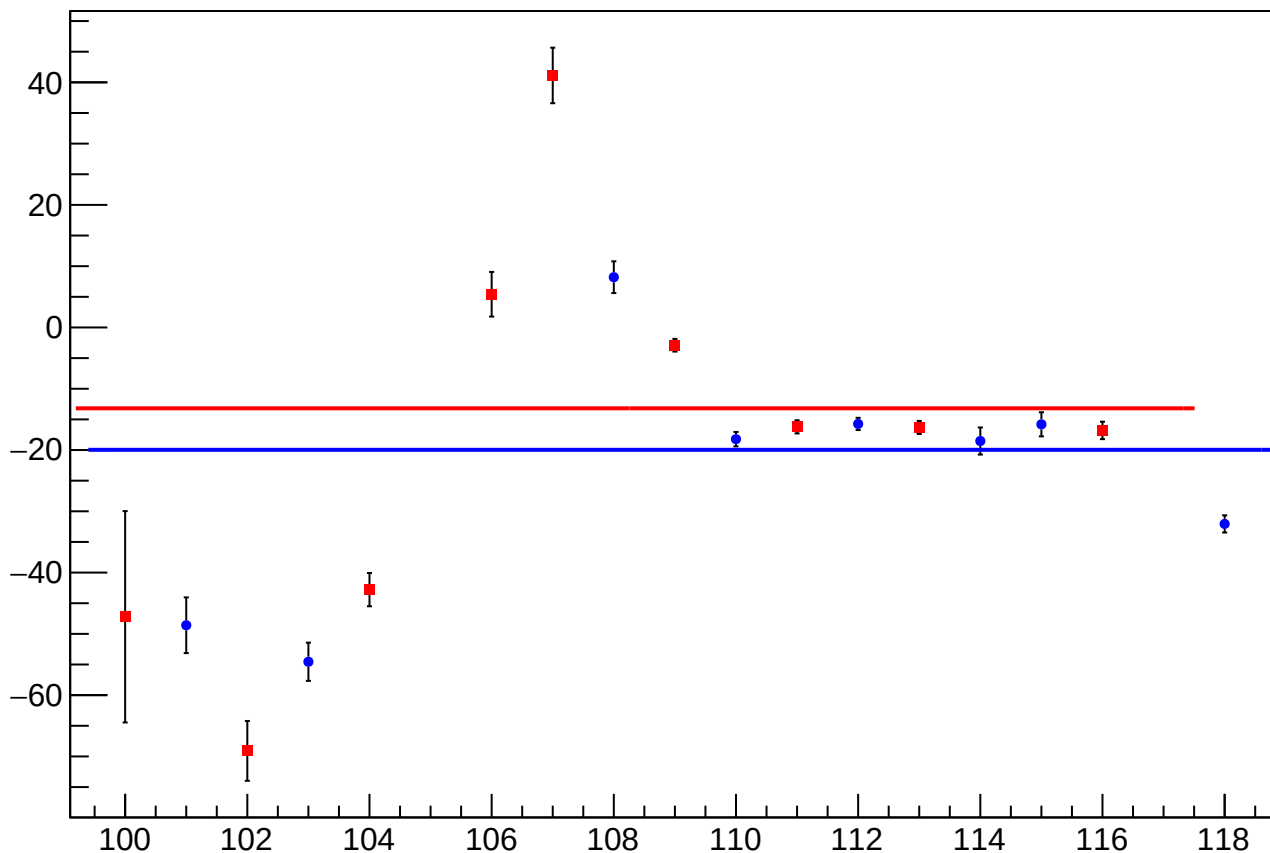
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.597+/-0.050 χ^2/NDF : 360192.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



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: -13.190 ± 0.536 $\chi^2/\text{NDF}: 546.0/8$

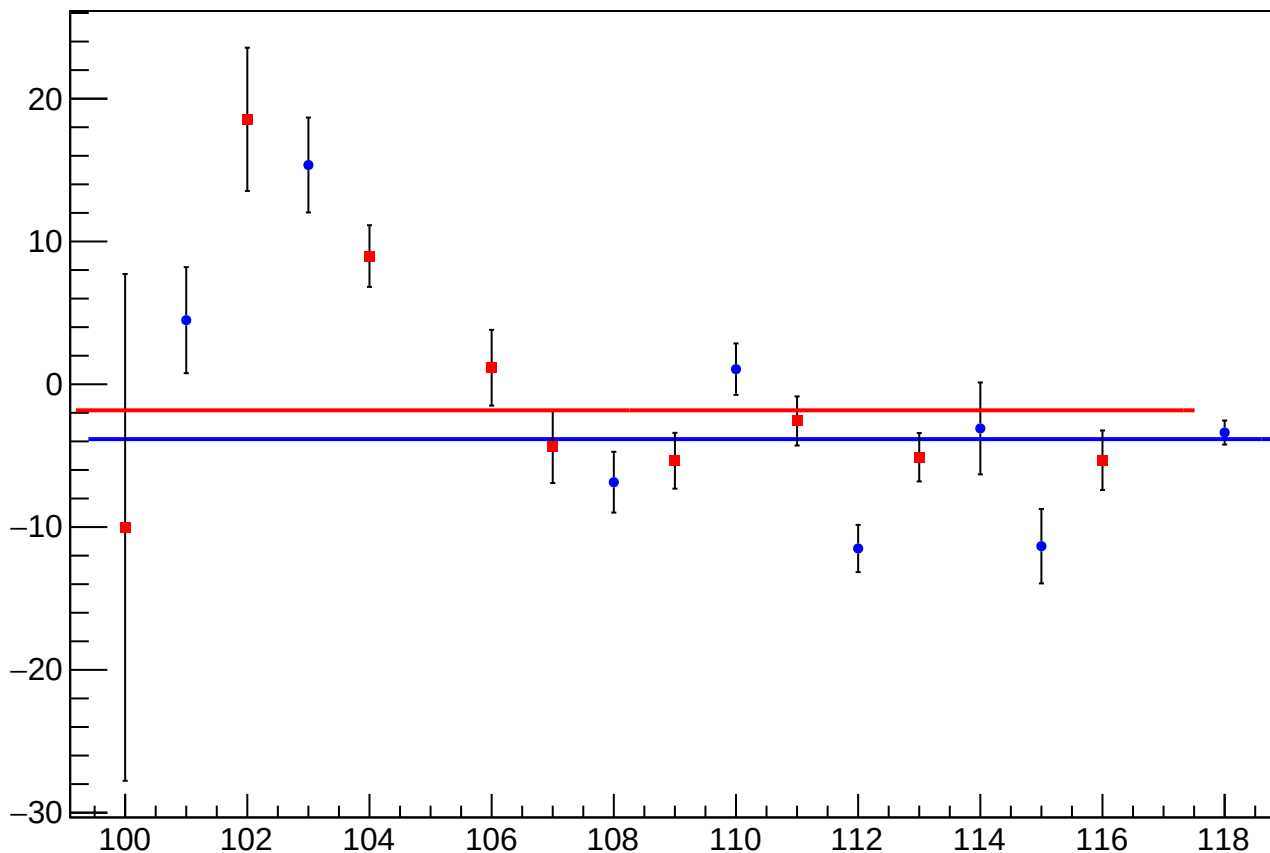
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.323 ± 0.393 $\chi^2/\text{NDF}: 1000.1/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



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: -1.825 ± 0.760 $\chi^2/\text{NDF}: 54.0/8$

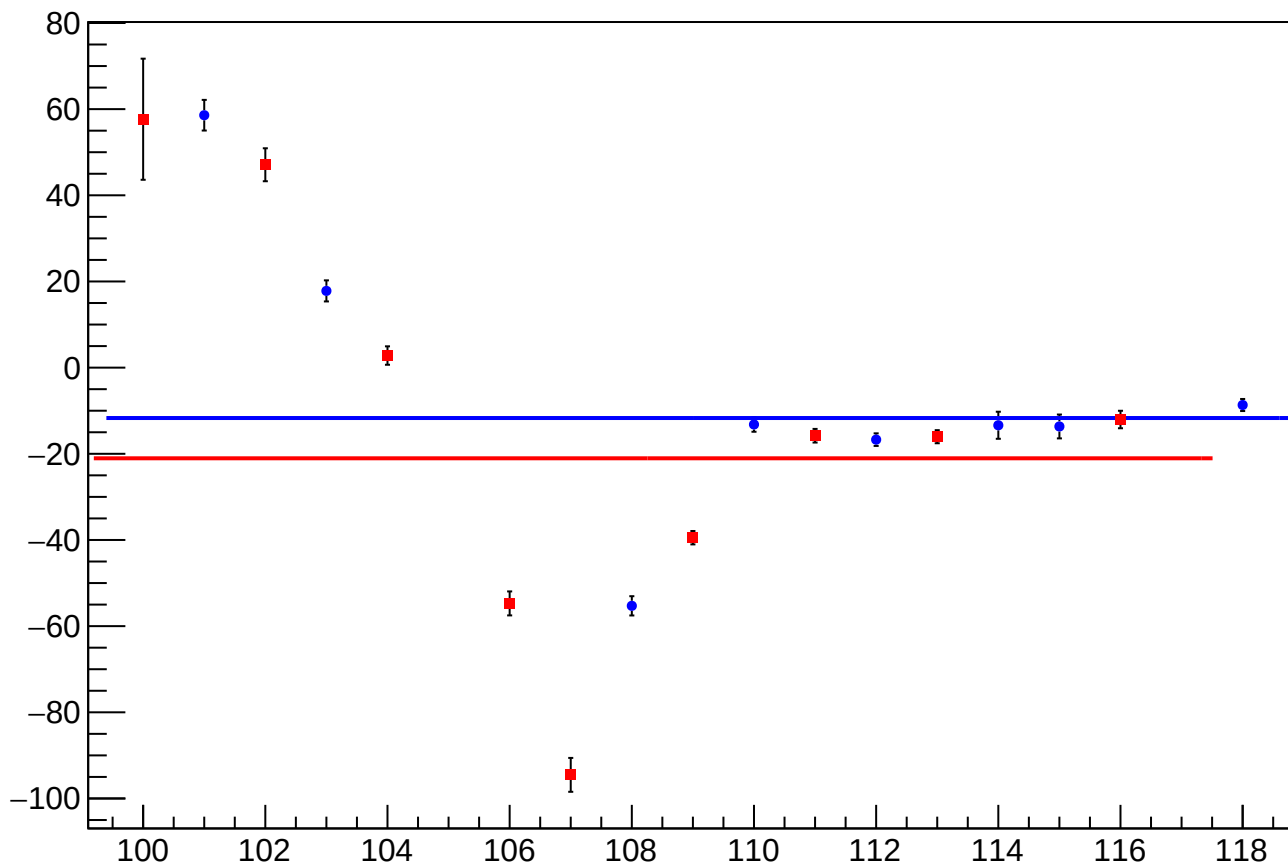
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.055 ± 0.474 $\chi^2/\text{NDF}: 136.2/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -11.695 $\pm$ 0.705 χ^2 /NDF: 934.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.044 $\pm$ 0.712 χ^2 /NDF: 1150.3/8

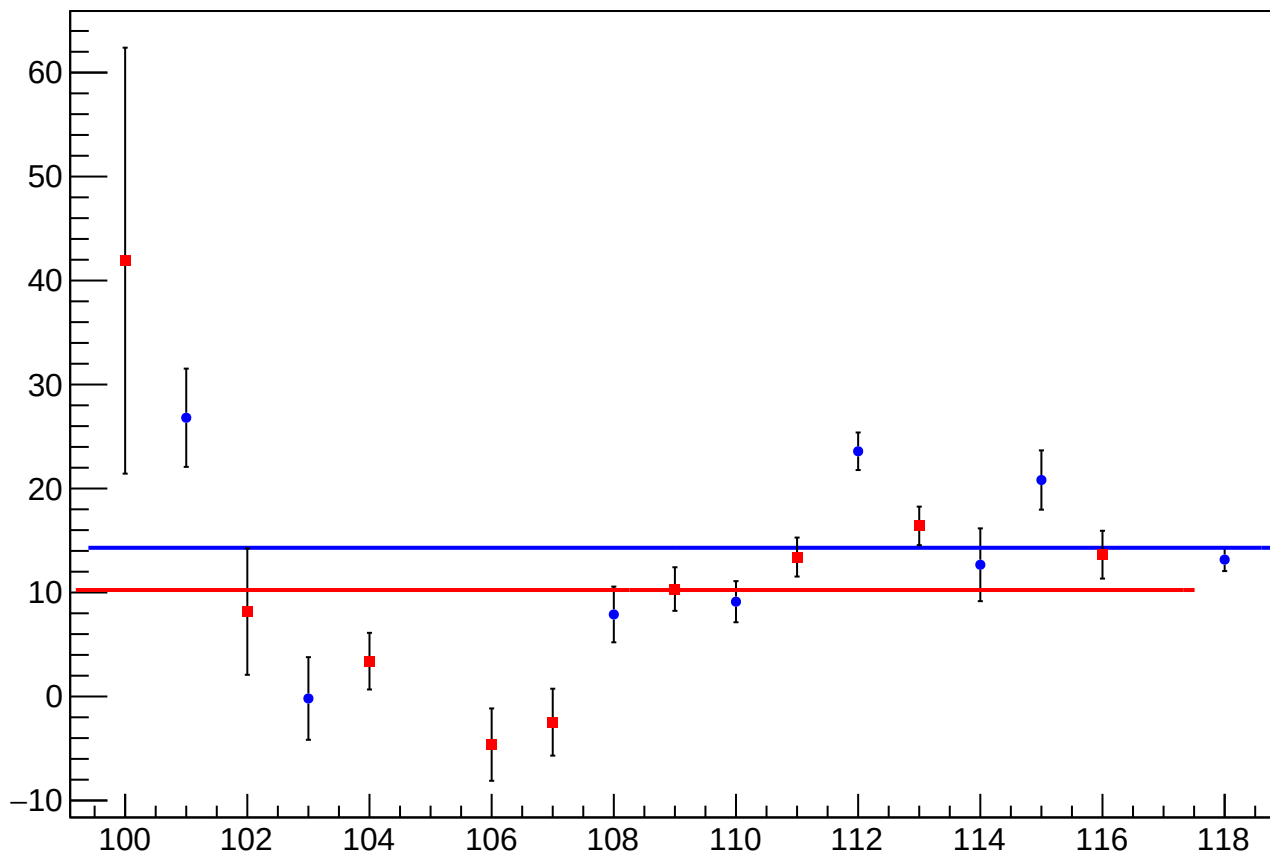
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.328 $\pm$ 0.501 χ^2 /NDF: 2171.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 14.301 $\pm$ 0.737 χ^2 /NDF: 65.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.240 $\pm$ 0.865 χ^2 /NDF: 58.8/8

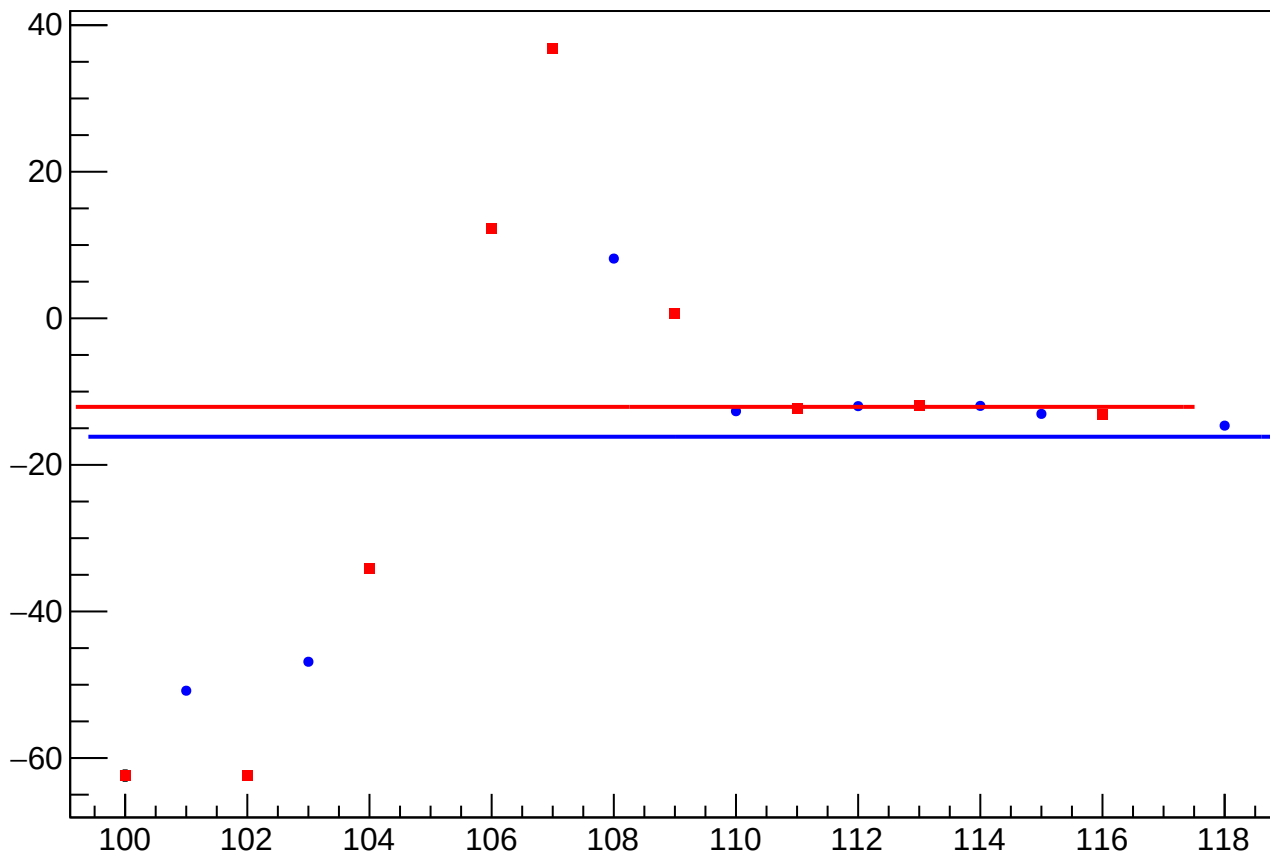
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.592 $\pm$ 0.561 χ^2 /NDF: 137.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -16.159 ± 0.045 $\chi^2/\text{NDF}: 190326.6/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.083 ± 0.046 $\chi^2/\text{NDF}: 276505.2/8$

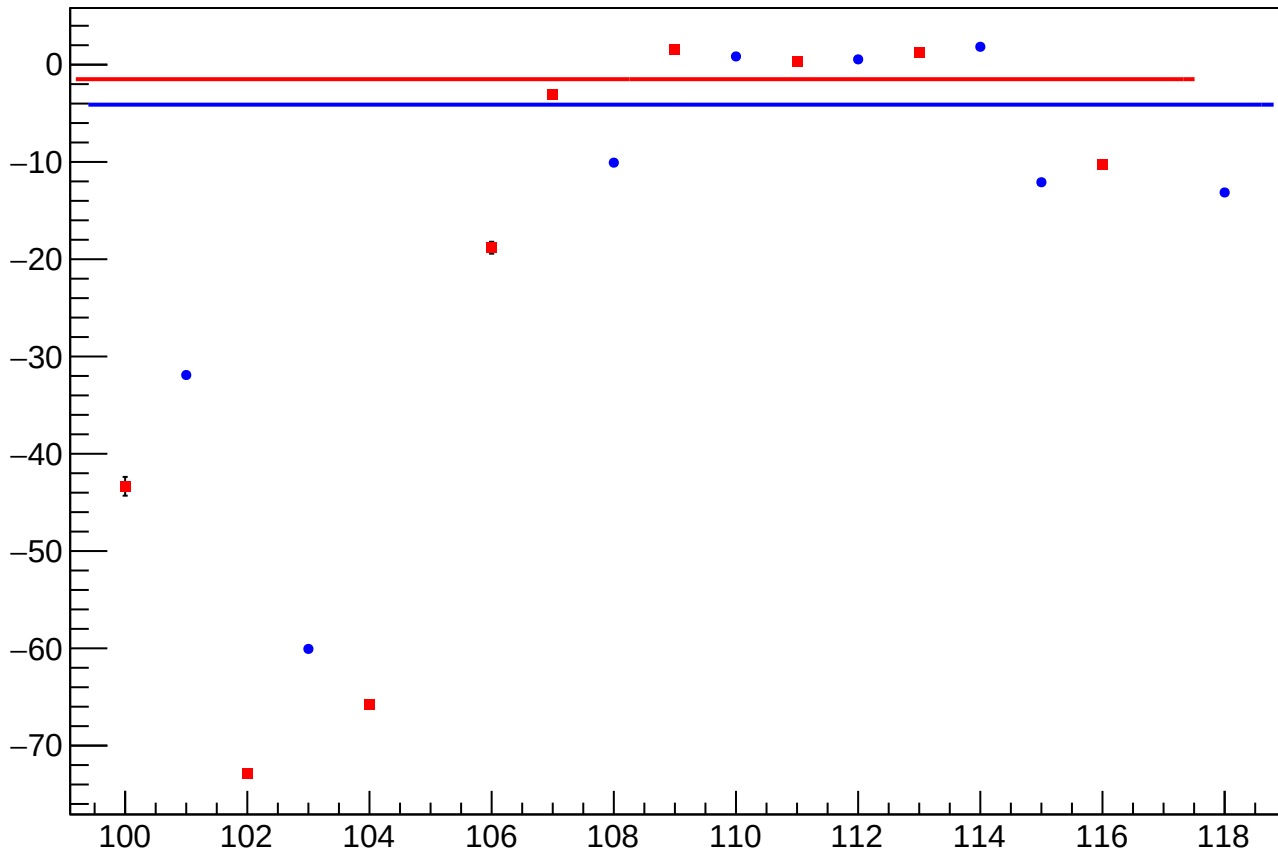
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.146 ± 0.032 $\chi^2/\text{NDF}: 470846.9/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



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: -1.492 ± 0.055 χ^2/NDF : 48314.6/8

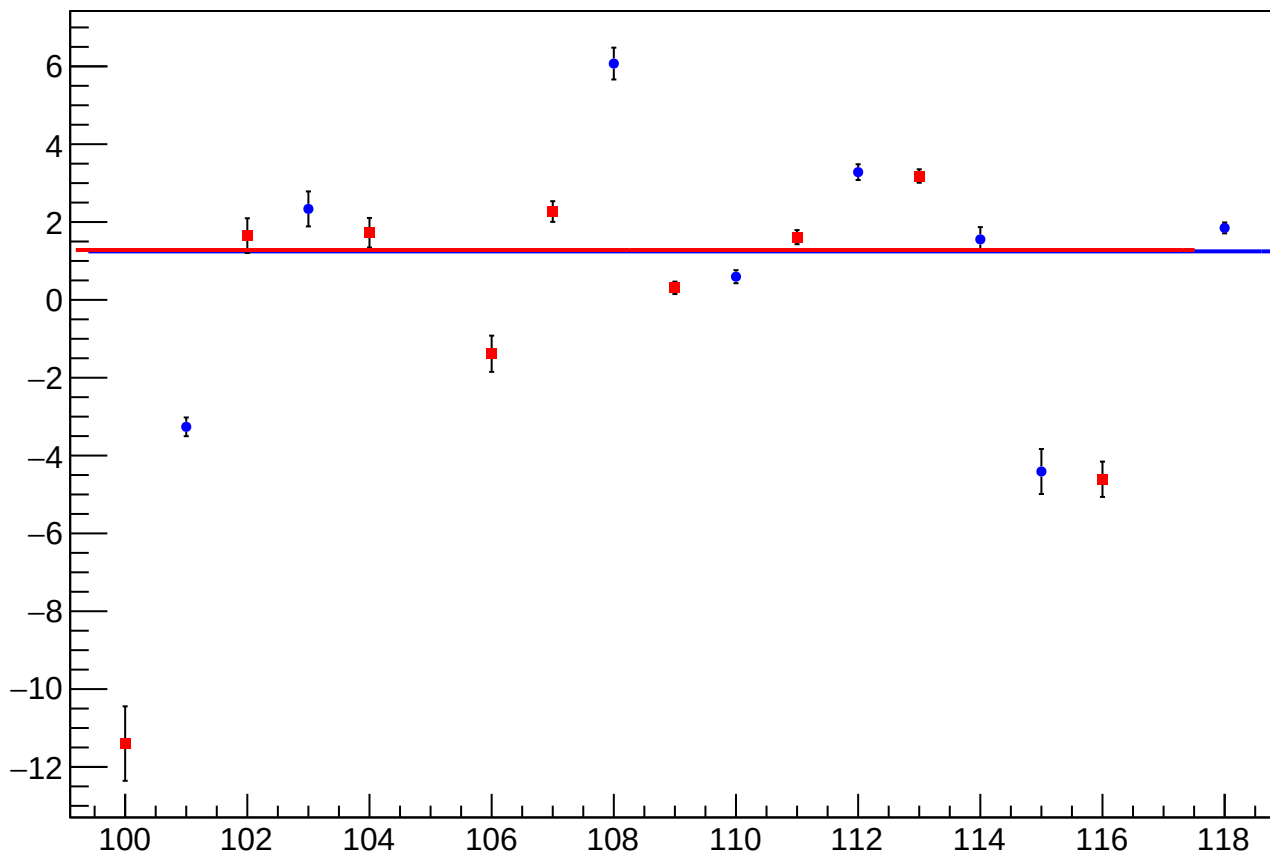
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.521 ± 0.043 χ^2/NDF : 81072.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



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: 1.281 $\pm$ 0.085 χ^2 /NDF: 554.7/8

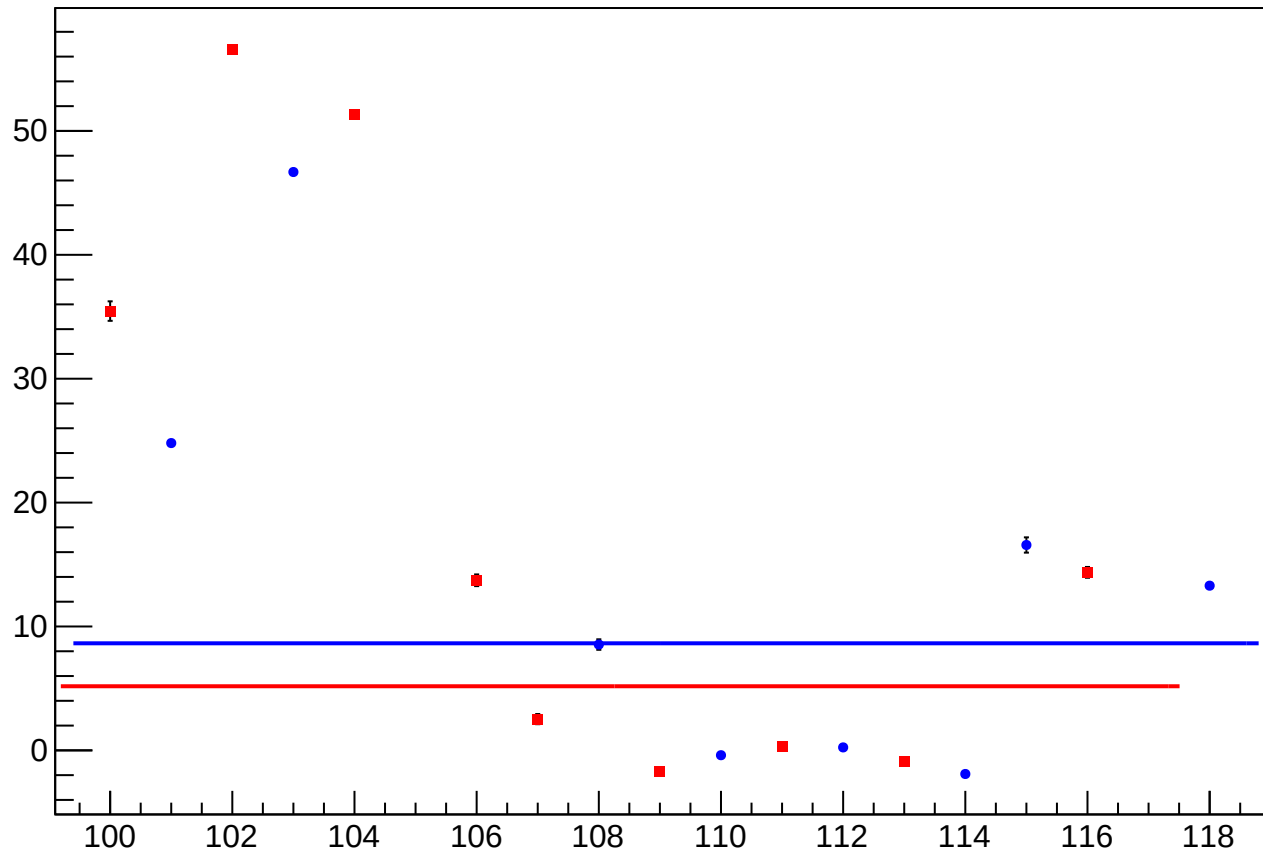
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.263 $\pm$ 0.059 χ^2 /NDF: 1282.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 8.642 $\pm$ 0.086 χ^2 /NDF: 24745.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.175 $\pm$ 0.077 χ^2 /NDF: 43248.2/8

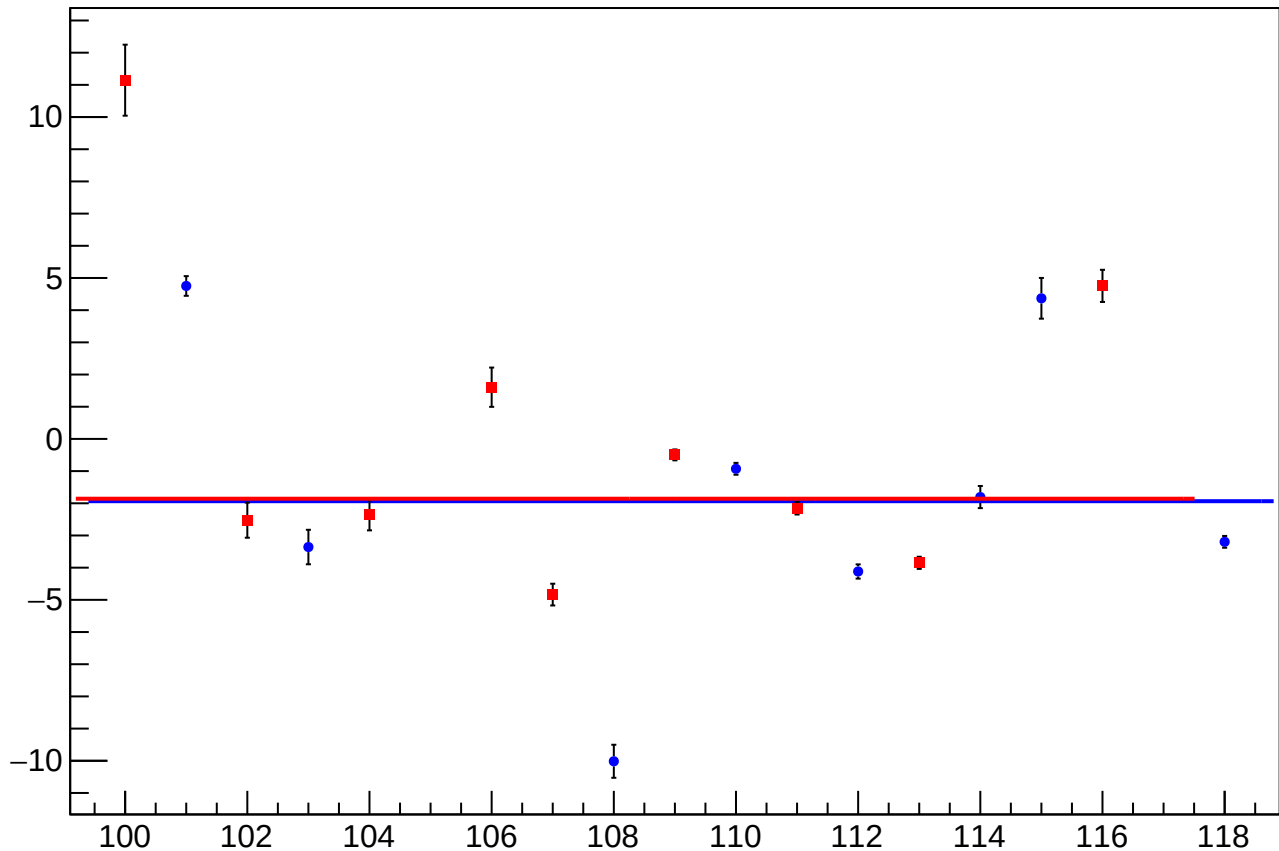
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.717 $\pm$ 0.057 χ^2 /NDF: 68905.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



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: -1.858+/-0.094 χ^2/NDF : 605.0/8

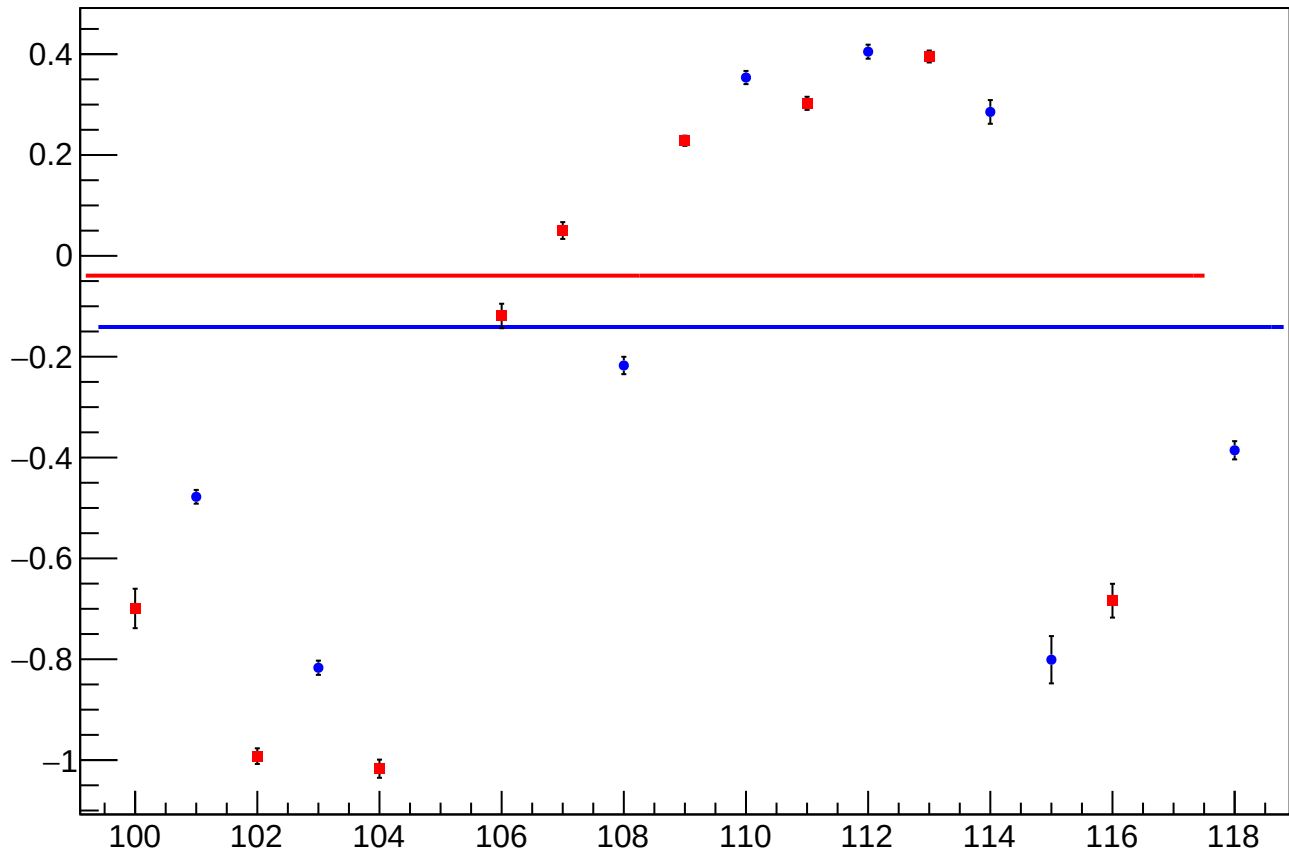
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.896+/-0.067 χ^2/NDF : 1613.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



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: -0.039 ± 0.005 χ^2/NDF : 10143.1/8

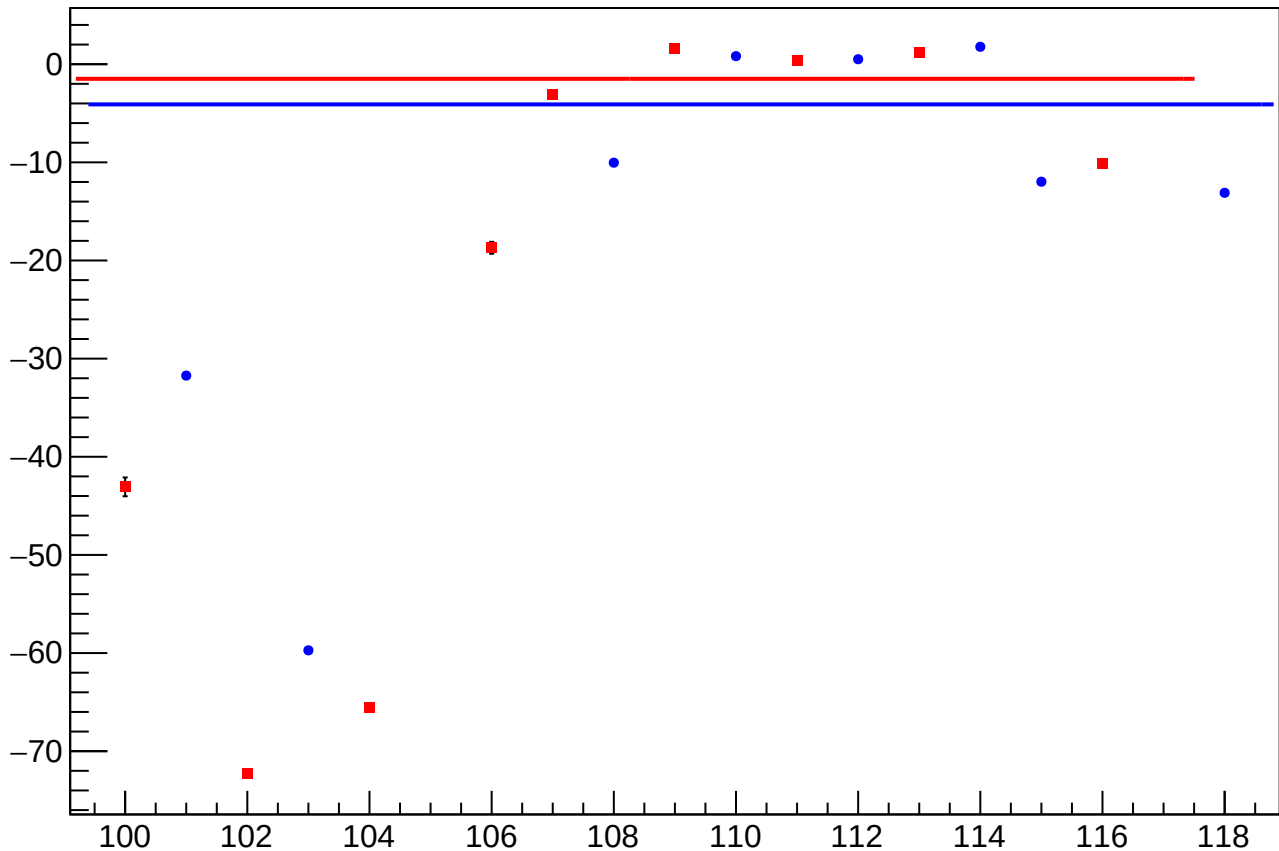
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.085 ± 0.004 χ^2/NDF : 16904.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



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: -1.488+/-0.054 χ^2/NDF : 48277.2/8

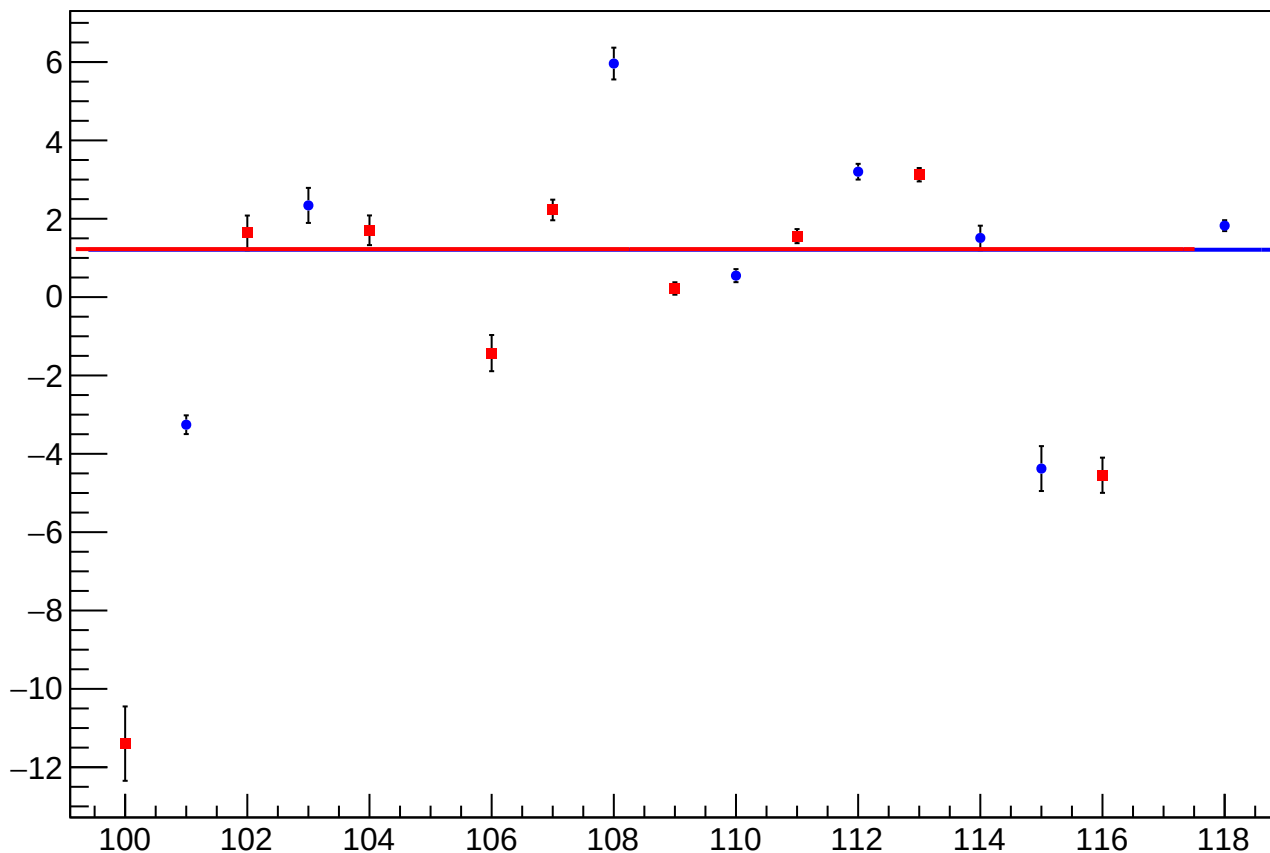
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.512+/-0.042 χ^2/NDF : 81002.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



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: 1.225 $\pm$ 0.084 χ^2 /NDF: 558.5/8

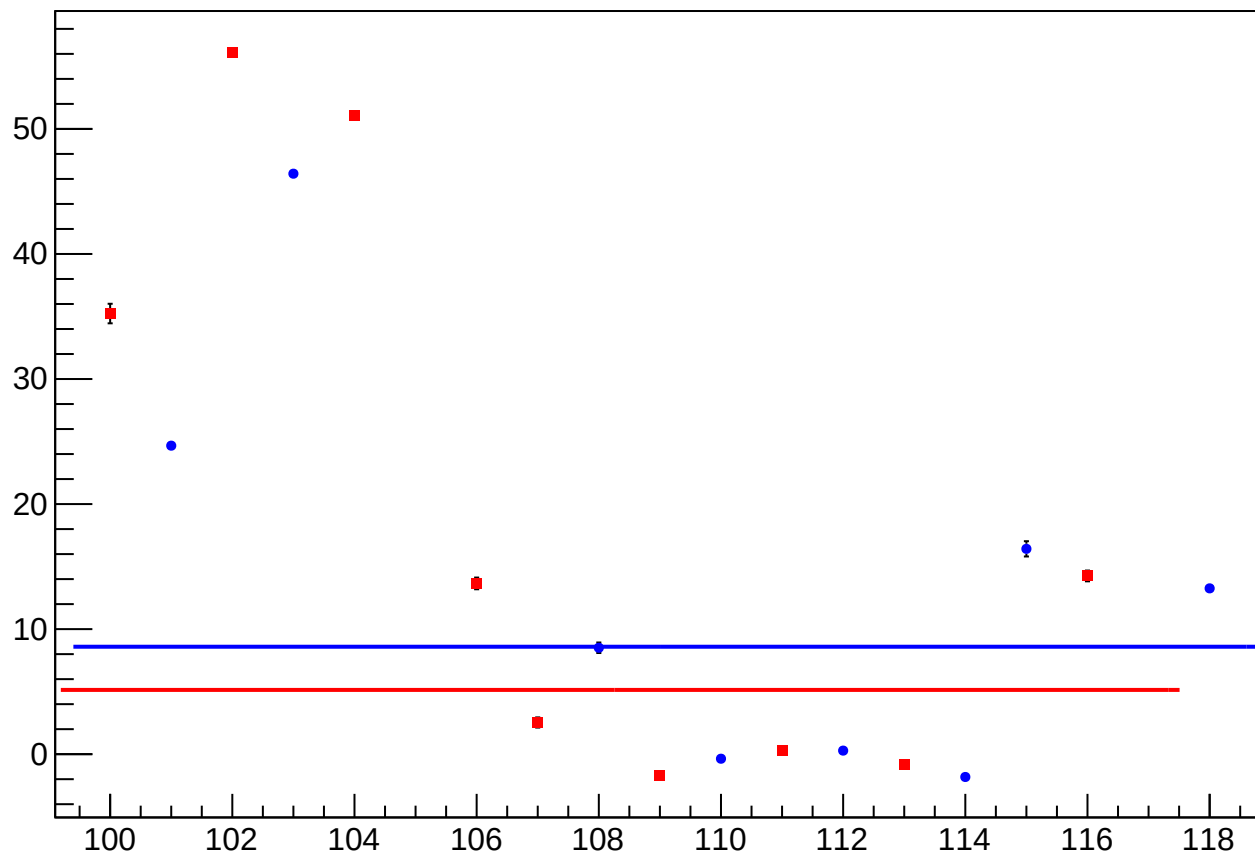
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.217 $\pm$ 0.058 χ^2 /NDF: 1280.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 8.592 $\pm$ 0.085 χ^2 /NDF: 24711.1/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.139 $\pm$ 0.076 χ^2 /NDF: 43216.7/8

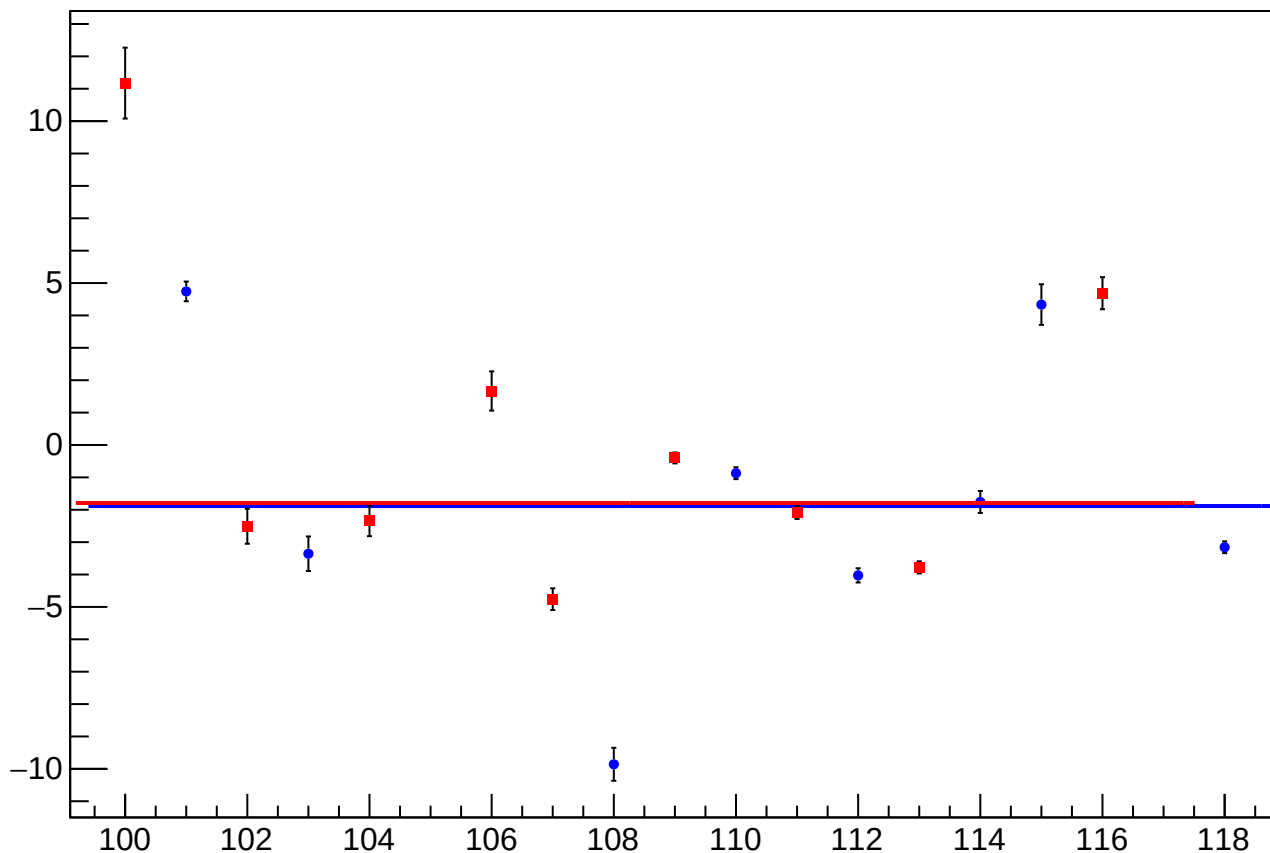
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.674 $\pm$ 0.057 χ^2 /NDF: 68846.2/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -1.885 $\pm$ 0.095 χ^2 /NDF: 1001.5/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.790 $\pm$ 0.094 χ^2 /NDF: 609.8/8

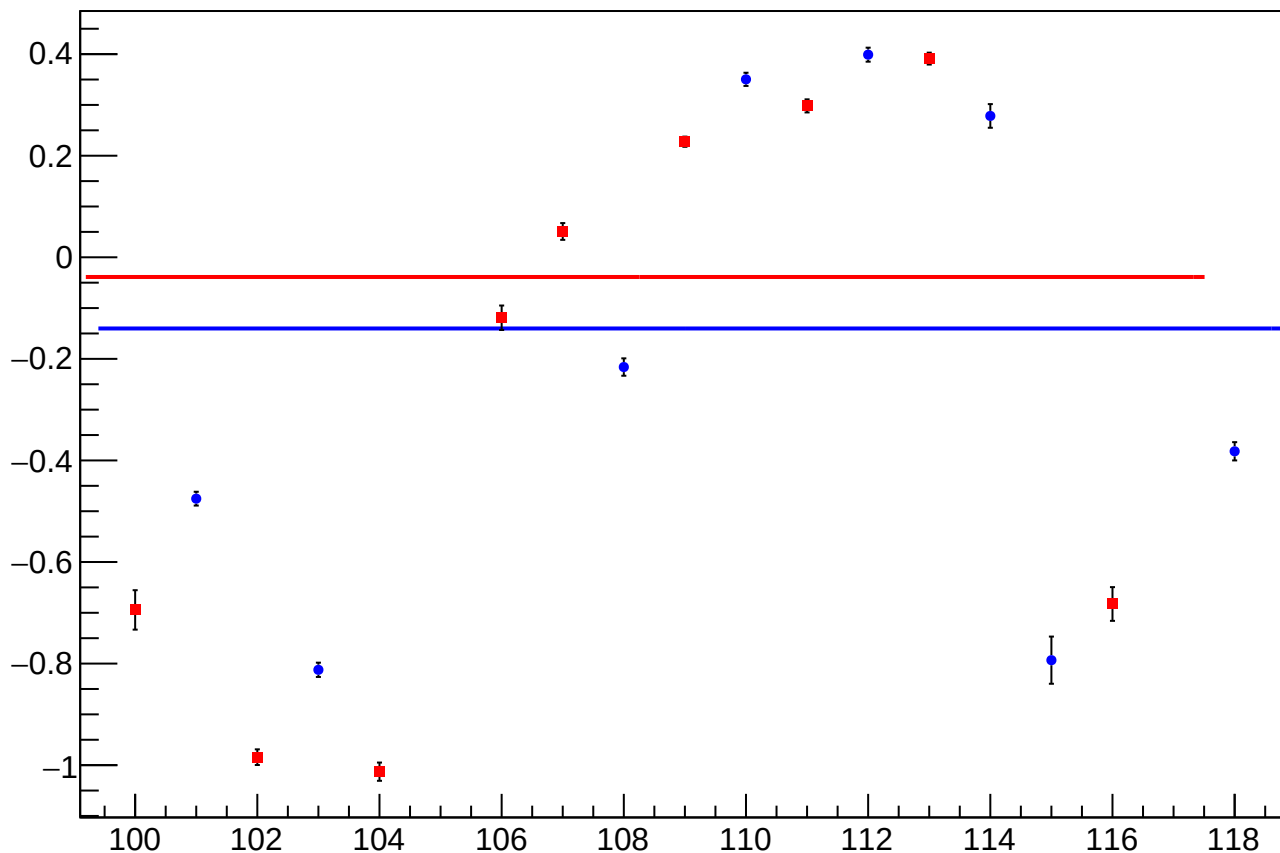
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.837 $\pm$ 0.067 χ^2 /NDF: 1611.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



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: -0.039 ± 0.005 χ^2/NDF : 10141.6/8

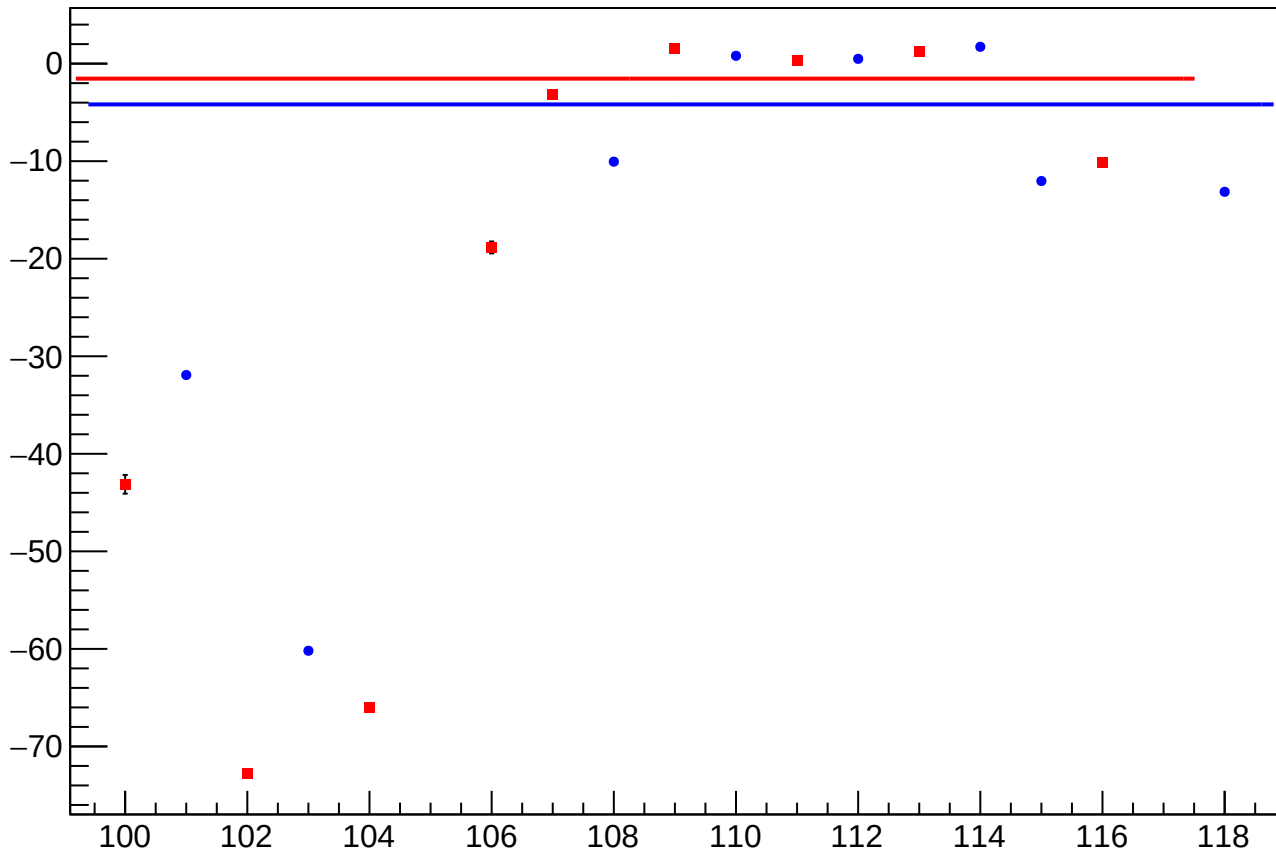
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.084 ± 0.004 χ^2/NDF : 16879.1/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



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: -1.537 ± 0.055 χ^2/NDF : 48251.2/8

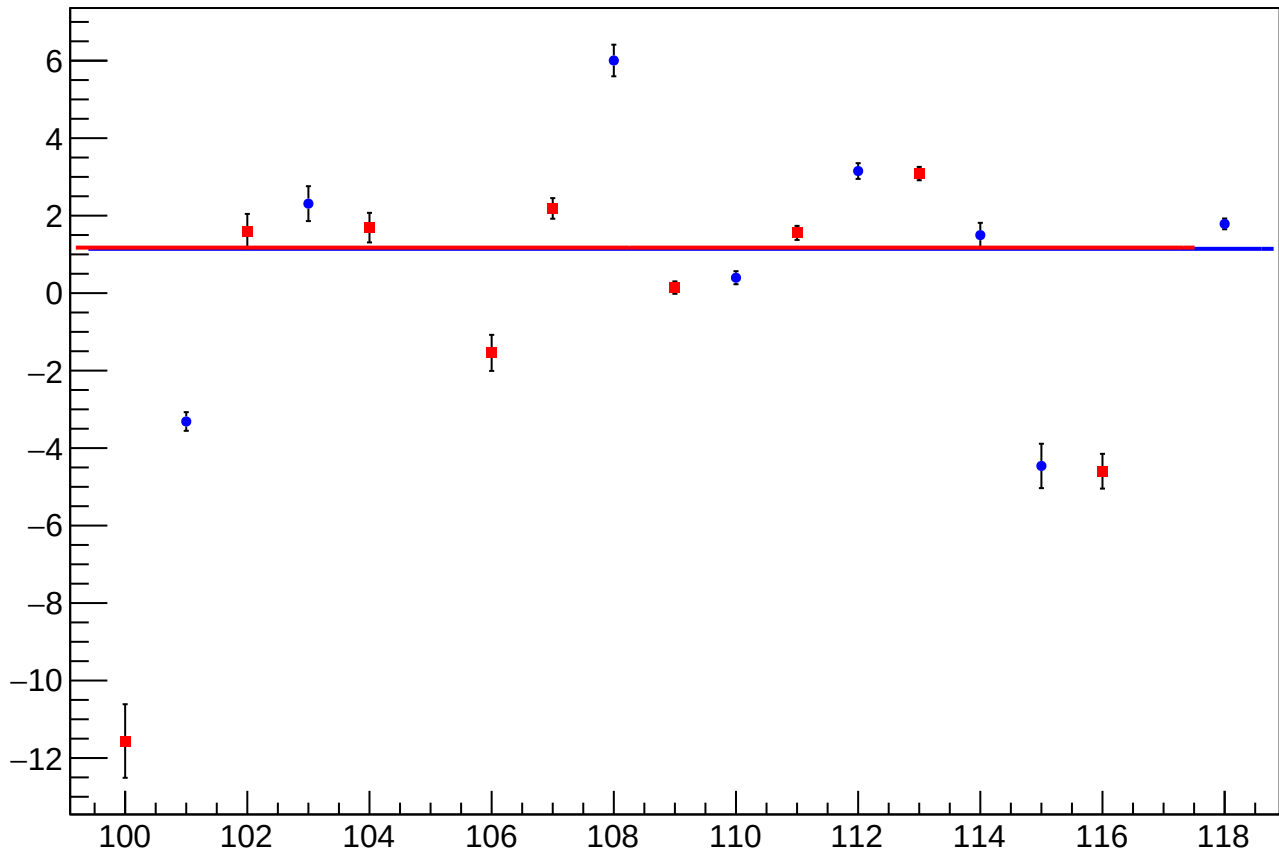
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.576 ± 0.043 χ^2/NDF : 80959.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.143 $\pm$ 0.081 χ^2 /NDF: 727.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.175 $\pm$ 0.085 χ^2 /NDF: 564.9/8

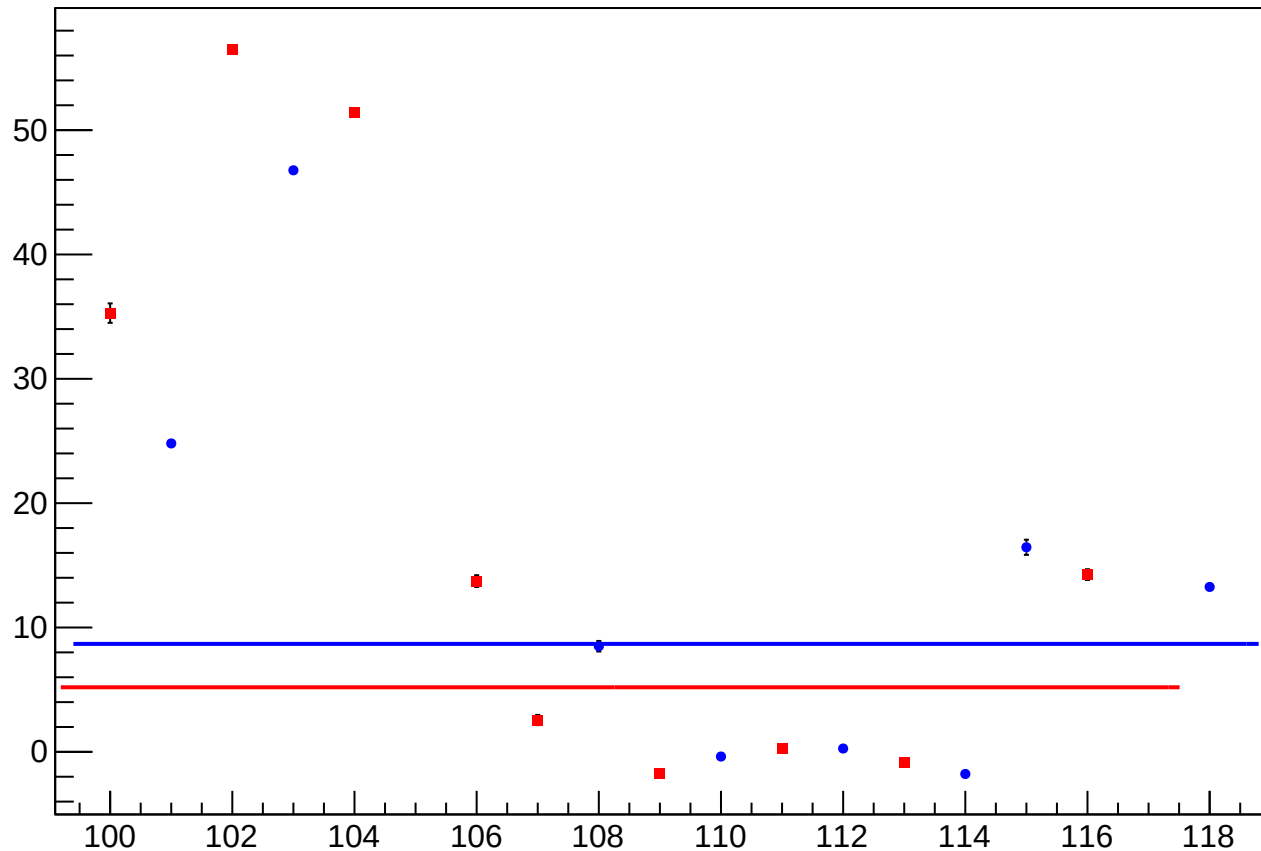
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.158 $\pm$ 0.059 χ^2 /NDF: 1292.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



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: 5.195+/-0.077 χ^2/NDF : 43192.9/8

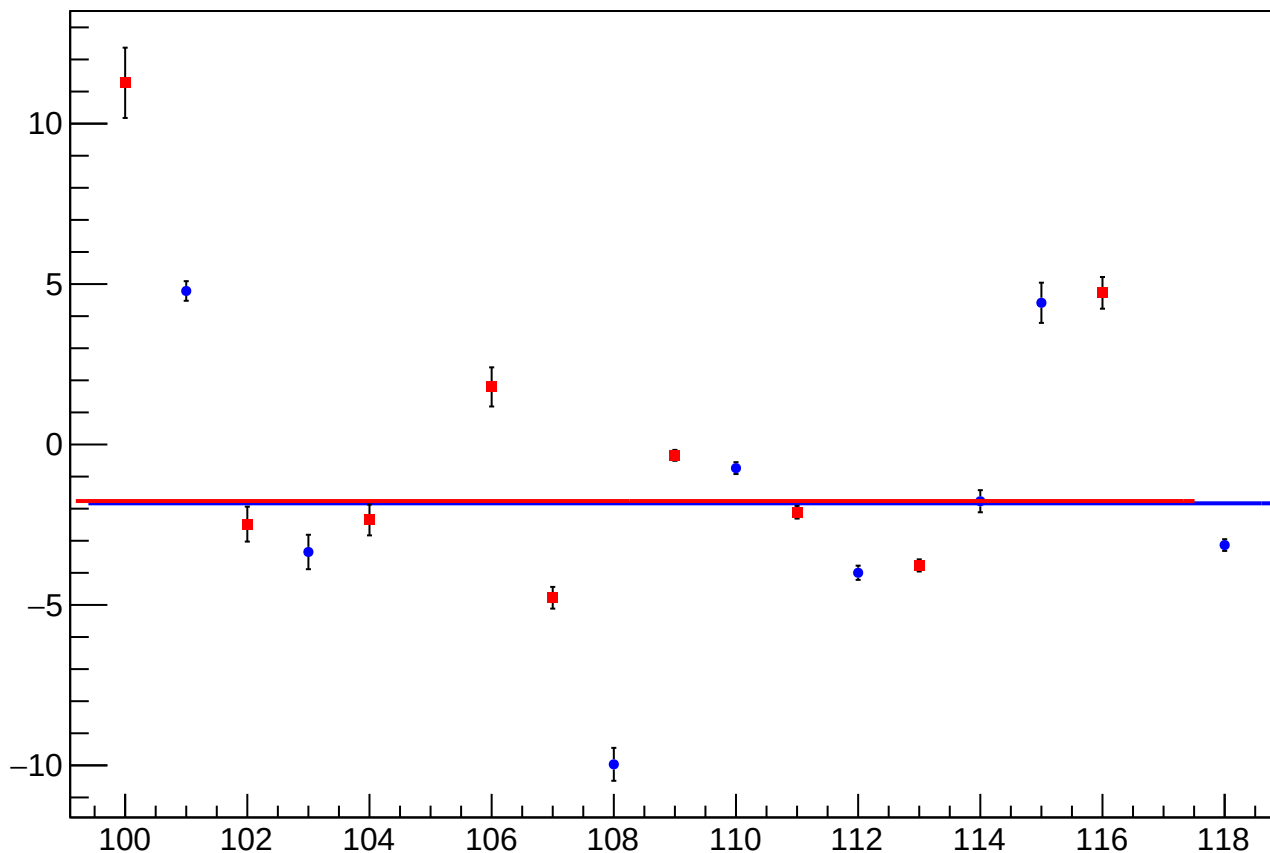
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.747+/-0.057 χ^2/NDF : 68788.8/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



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: -1.762+/-0.094 χ^2/NDF : 616.9/8

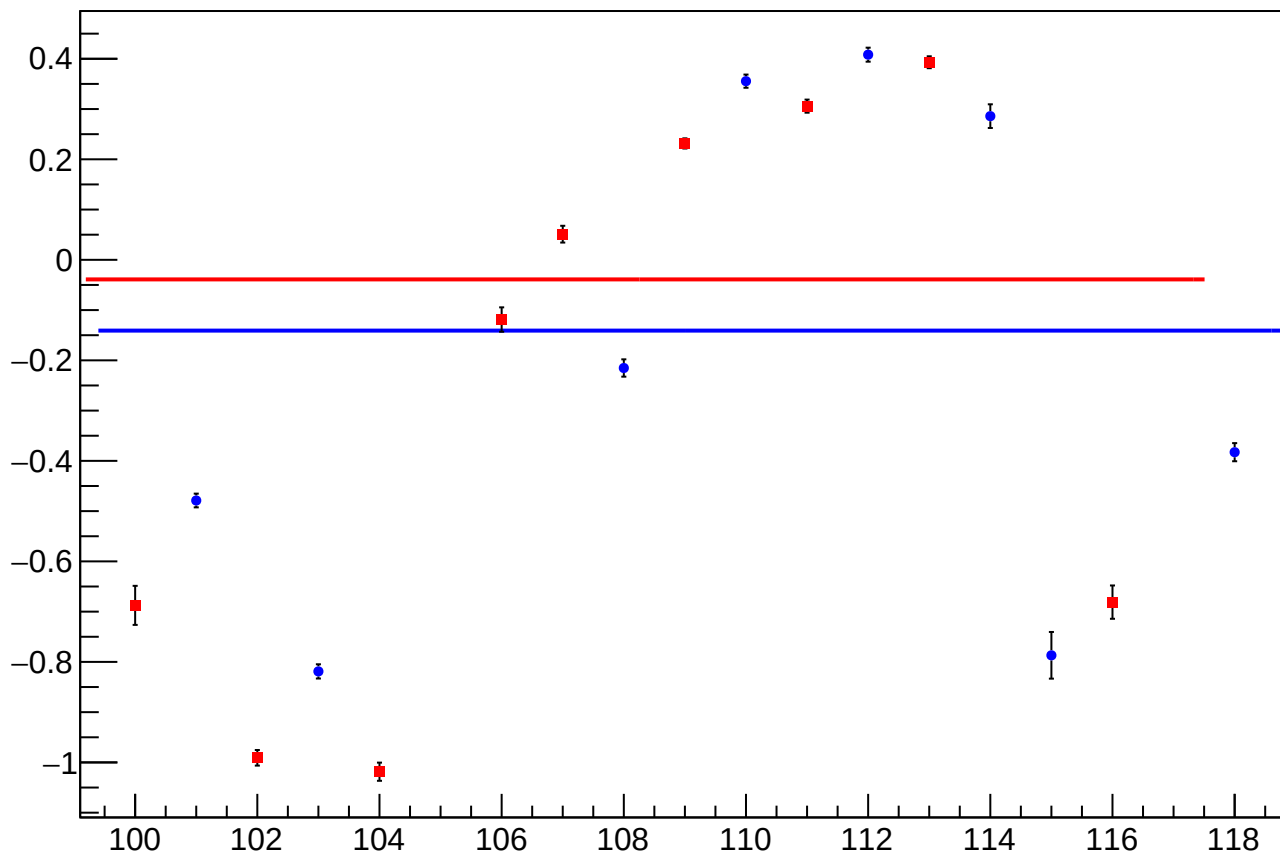
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.797+/-0.067 χ^2/NDF : 1626.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.141 ± 0.006 $\chi^2/\text{NDF}: 6607.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.039 ± 0.005 $\chi^2/\text{NDF}: 10139.6/8$

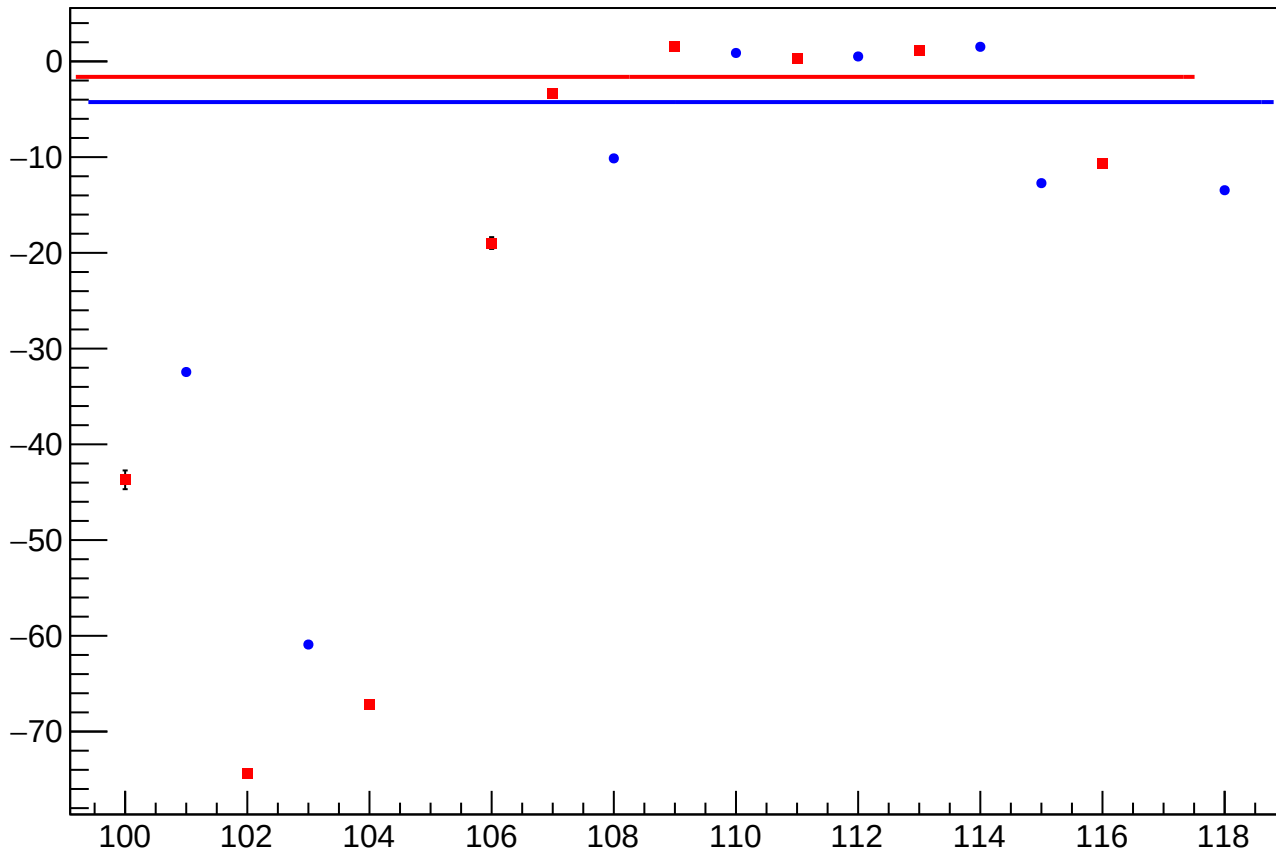
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.085 ± 0.004 $\chi^2/\text{NDF}: 16918.7/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



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: -1.617 ± 0.056 χ^2/NDF : 47930.0/8

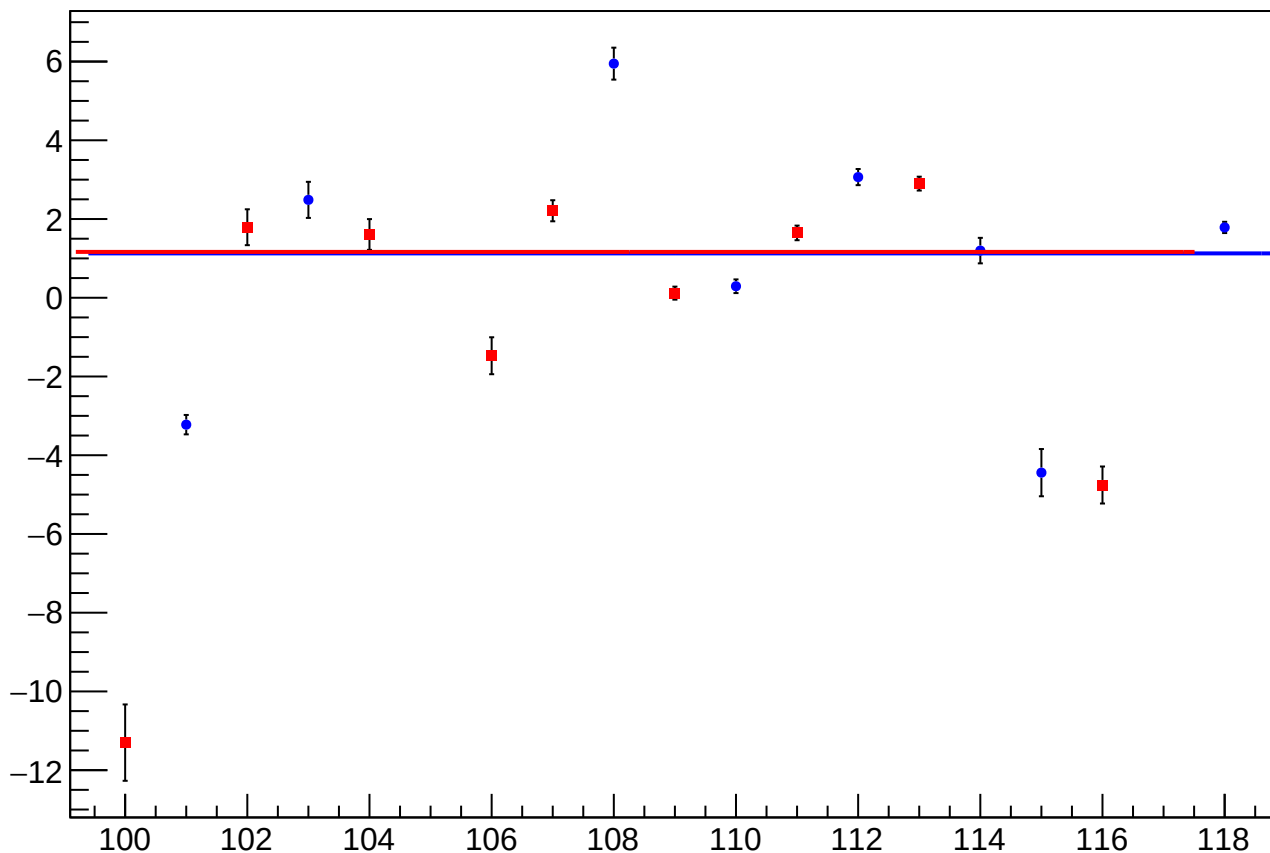
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.657 ± 0.044 χ^2/NDF : 80190.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



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: 1.165+/-0.087 χ^2/NDF : 517.9/8

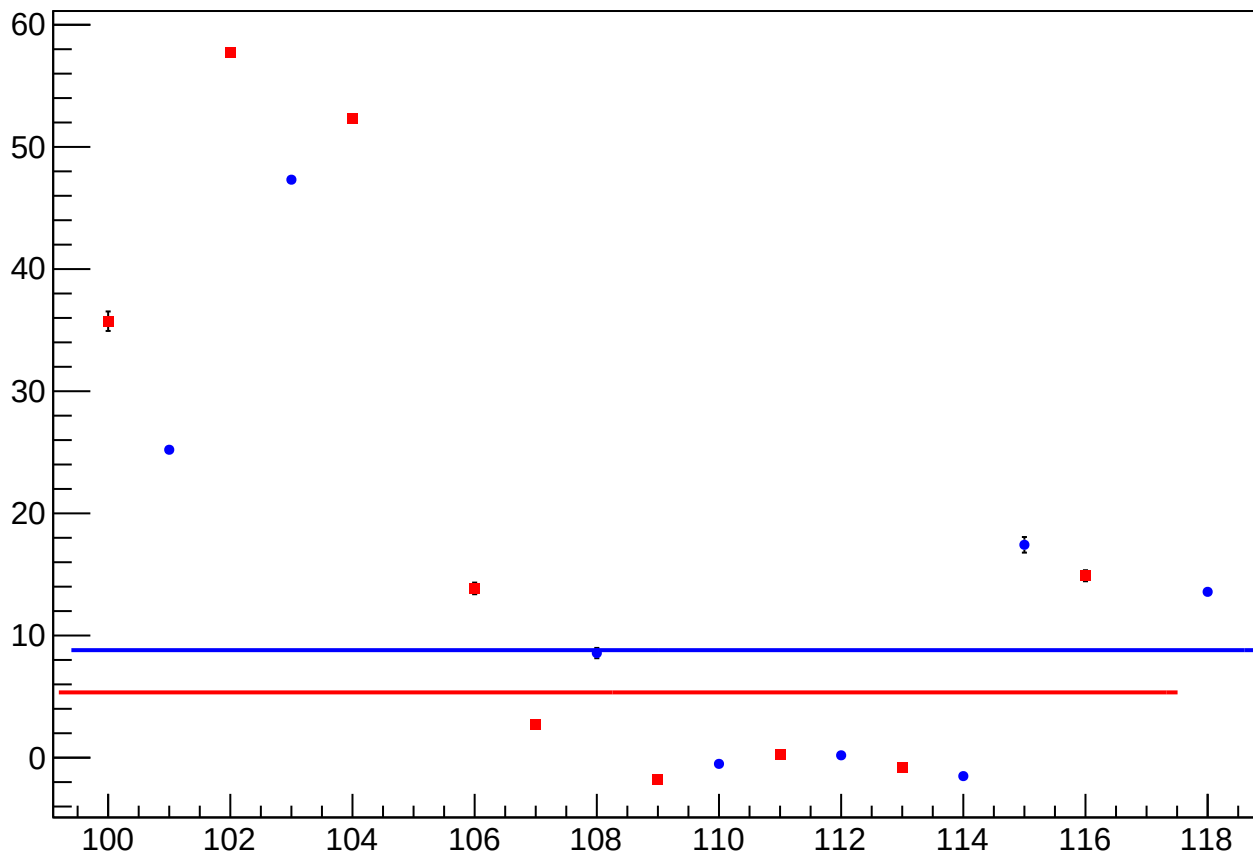
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.145+/-0.060 χ^2/NDF : 1199.5/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 8.802 $\pm$ 0.088 χ^2 /NDF: 24403.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.344 $\pm$ 0.079 χ^2 /NDF: 42899.2/8

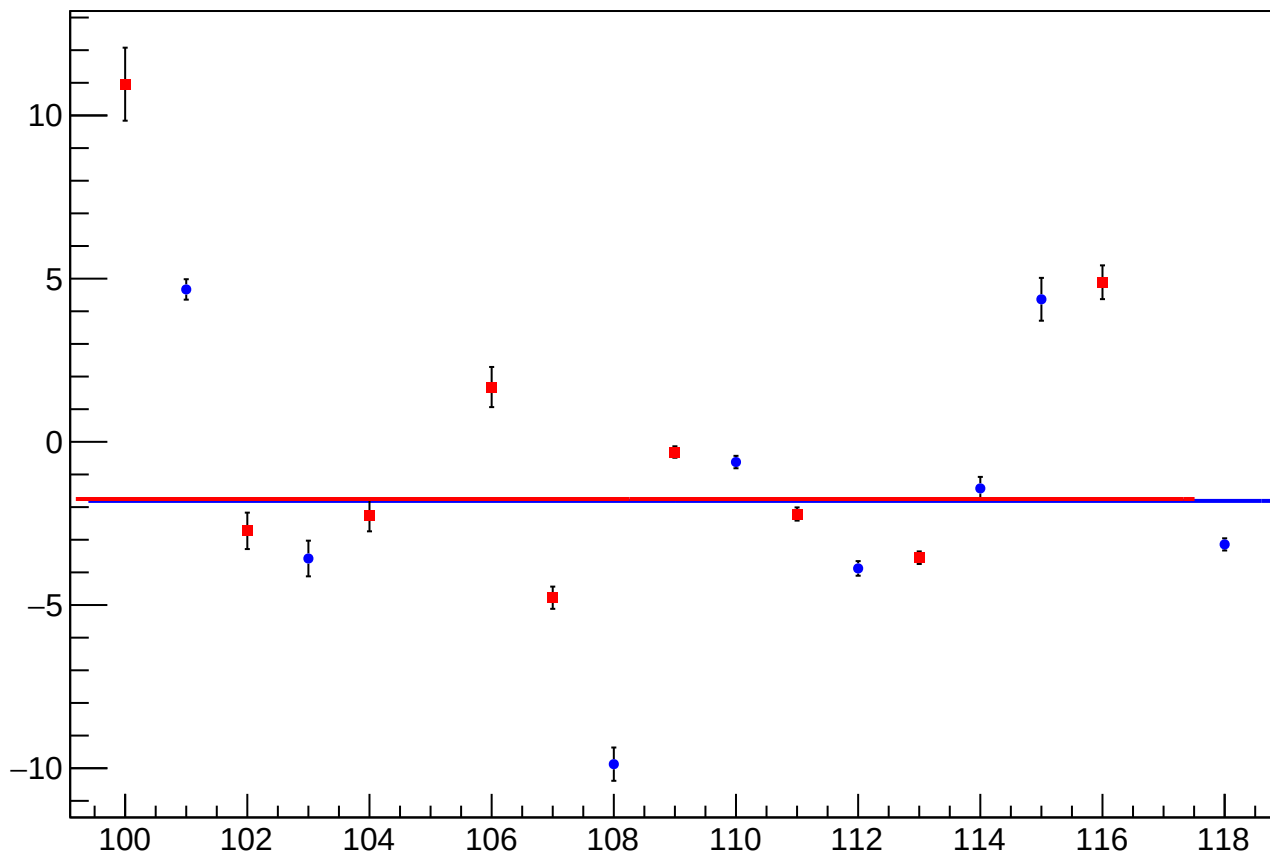
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.888 $\pm$ 0.058 χ^2 /NDF: 68167.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



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: -1.752 ± 0.097 χ^2/NDF : 567.9/8

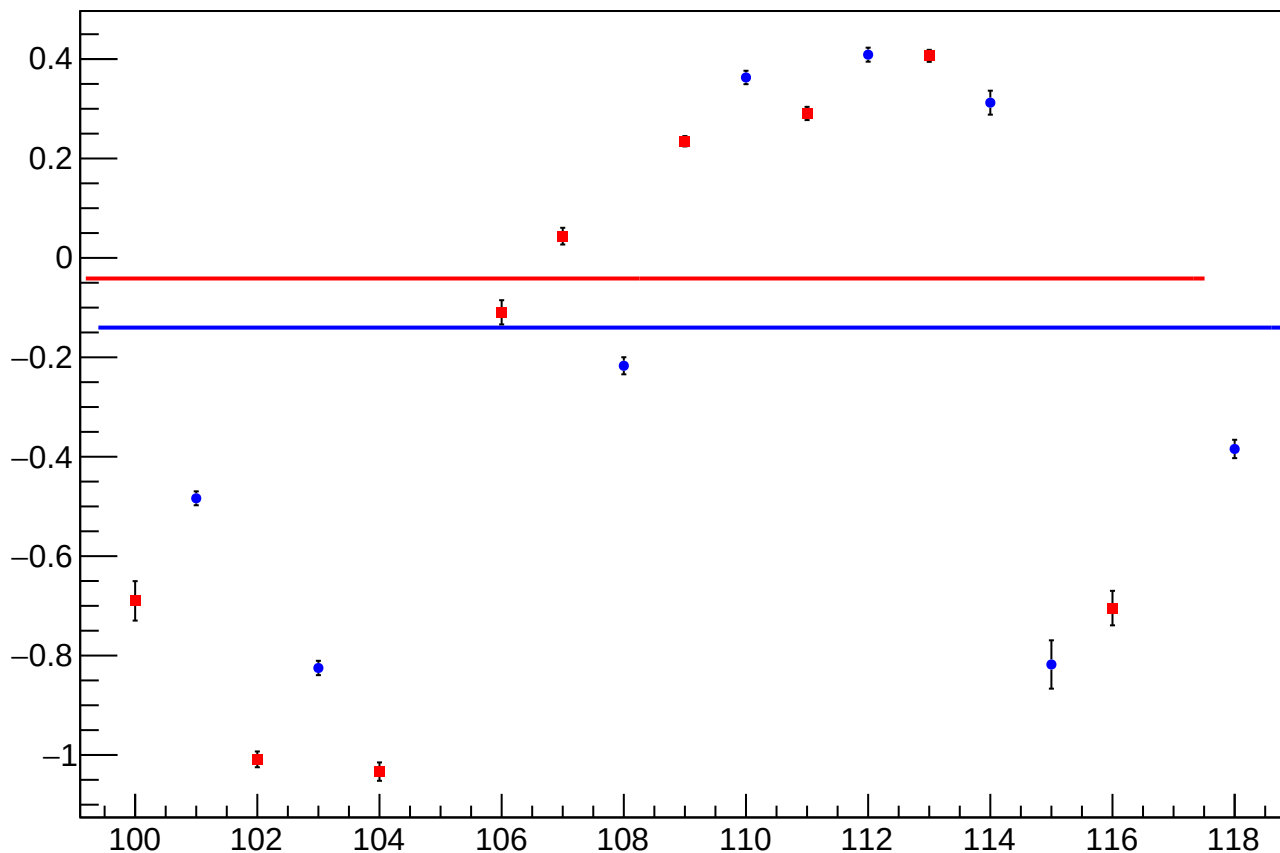
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.780 ± 0.069 χ^2/NDF : 1522.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



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: -0.041+/-0.005 χ^2/NDF : 9960.6/8

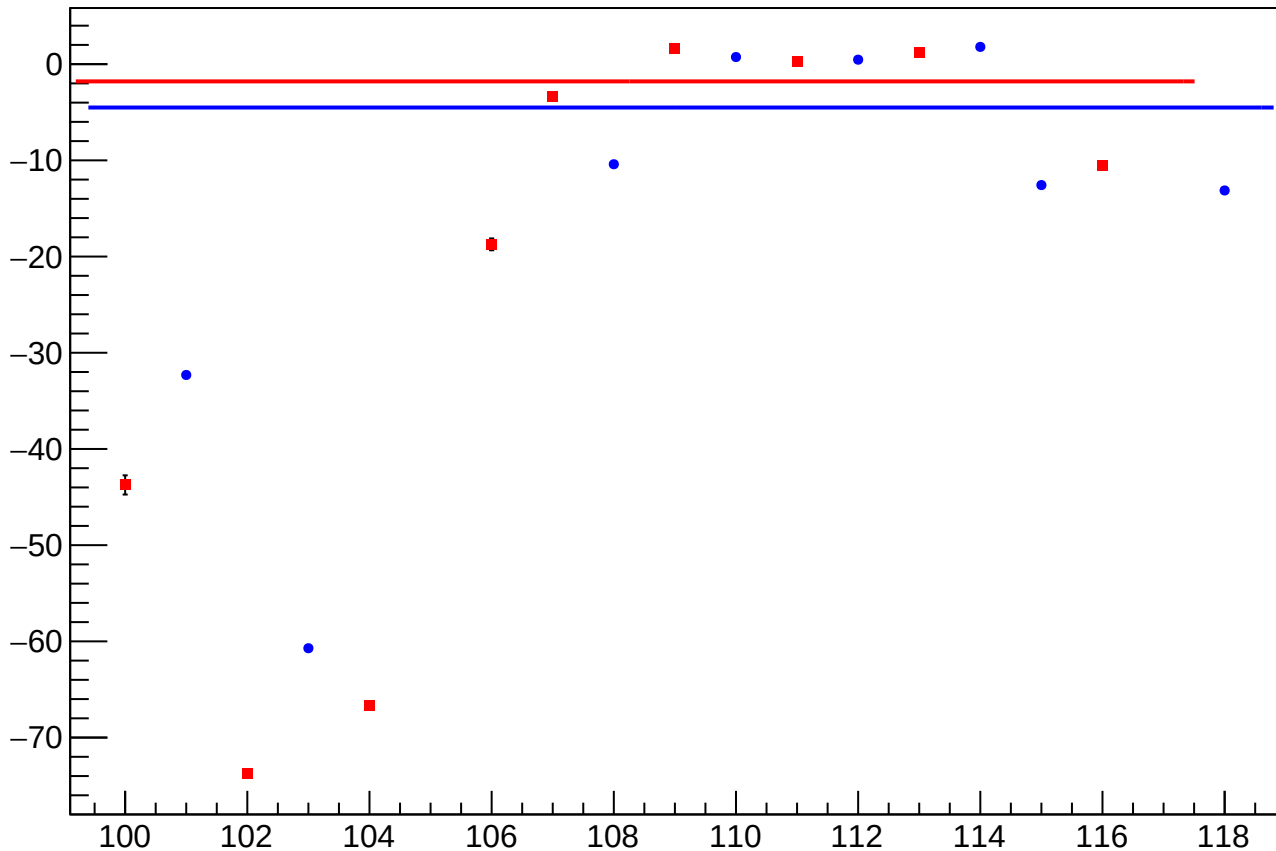
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.086+/-0.004 χ^2/NDF : 16609.2/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



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: -1.791 ± 0.058 χ^2/NDF : 46991.9/8

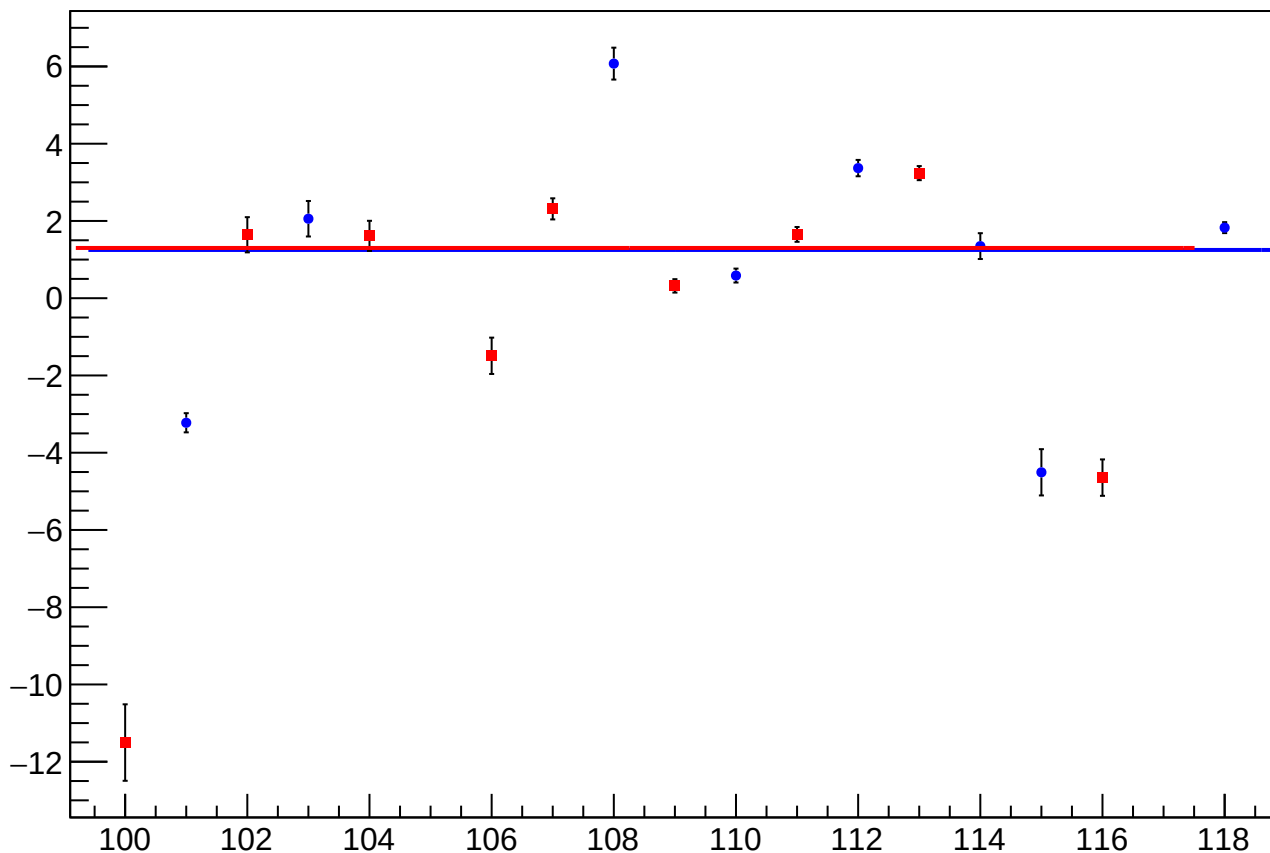
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.877 ± 0.045 χ^2/NDF : 78417.5/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.249 $\pm$ 0.084 χ^2 /NDF: 687.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.301 $\pm$ 0.089 χ^2 /NDF: 524.8/8

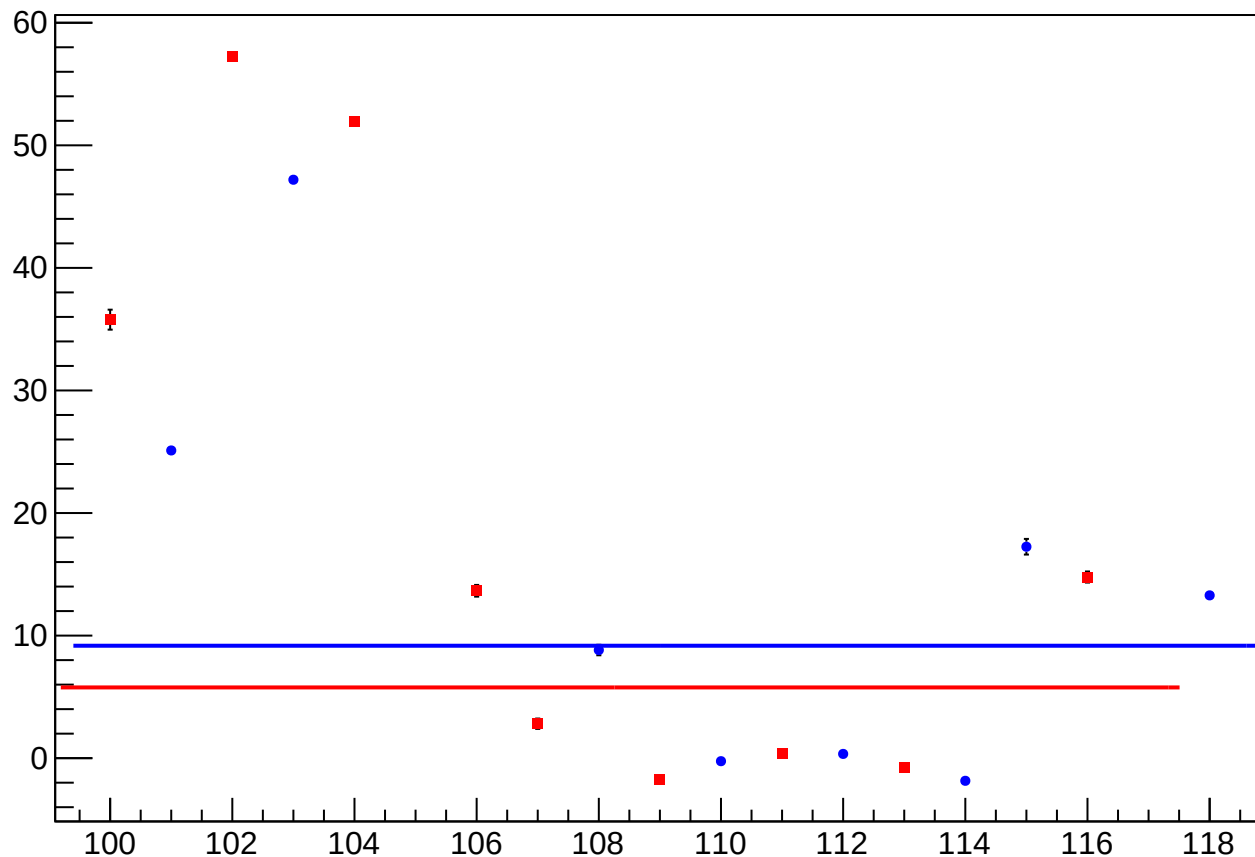
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.273 $\pm$ 0.061 χ^2 /NDF: 1211.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 9.173 $\pm$ 0.089 χ^2 /NDF: 23463.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.772 $\pm$ 0.081 χ^2 /NDF: 41689.8/8

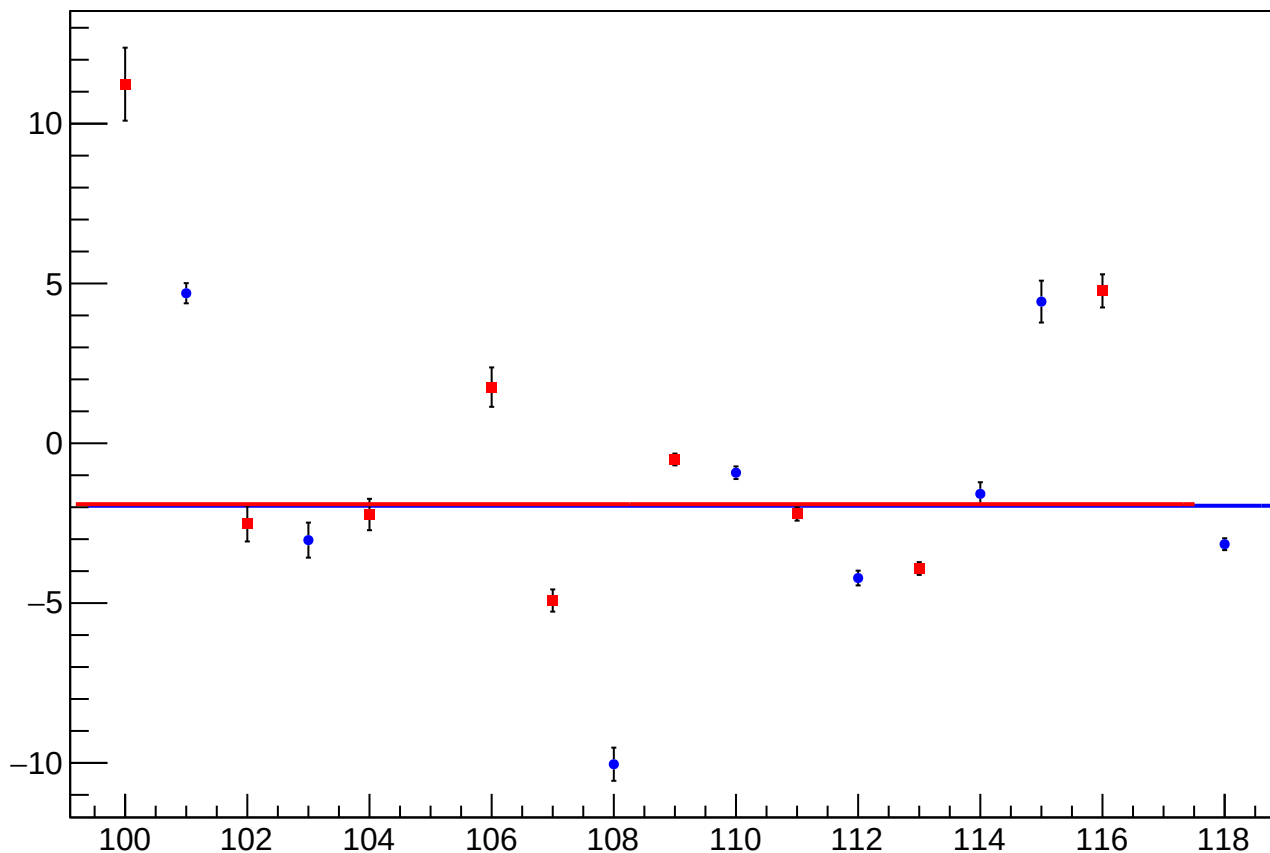
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.311 $\pm$ 0.060 χ^2 /NDF: 65946.5/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



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: -1.905 ± 0.100 χ^2/NDF : 571.8/8

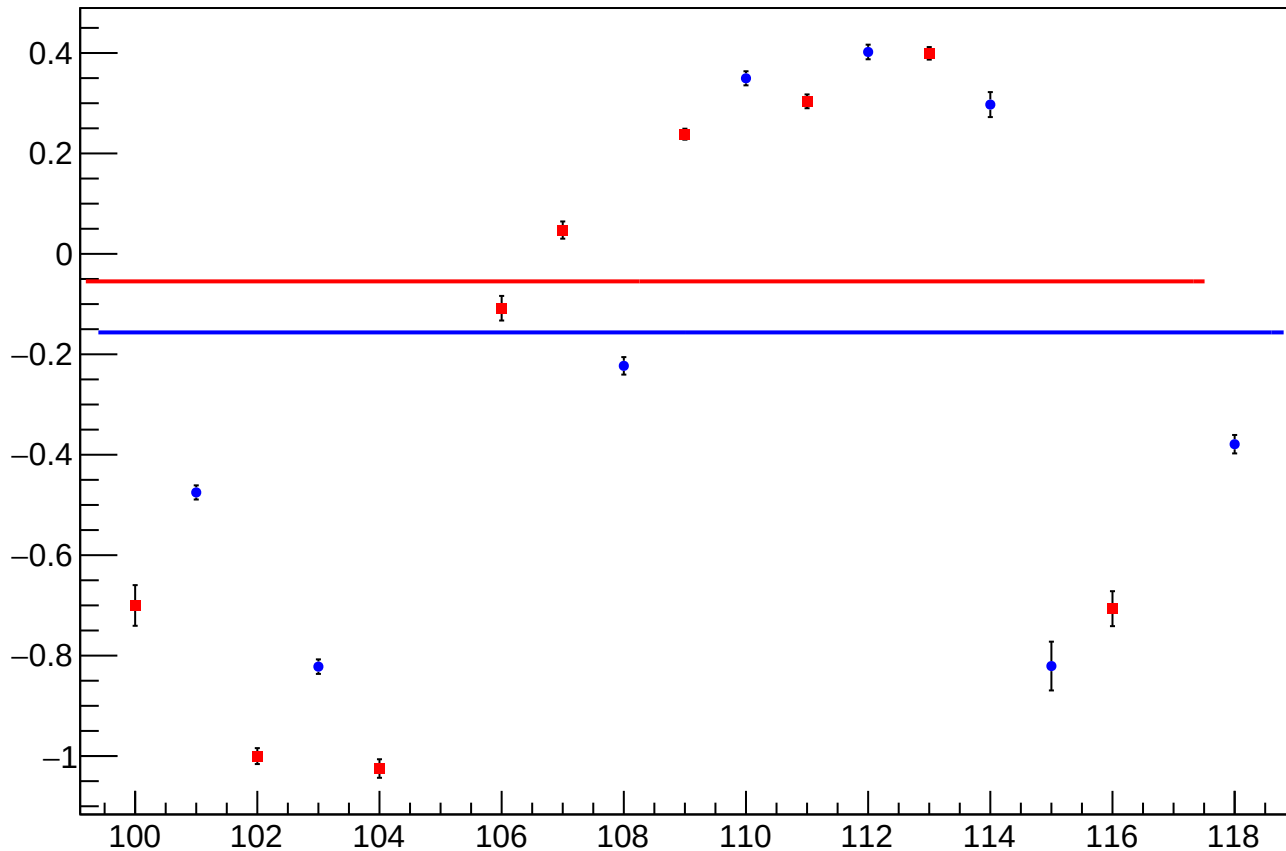
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.930 ± 0.071 χ^2/NDF : 1524.2/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



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: -0.055 ± 0.005 χ^2/NDF : 9673.0/8

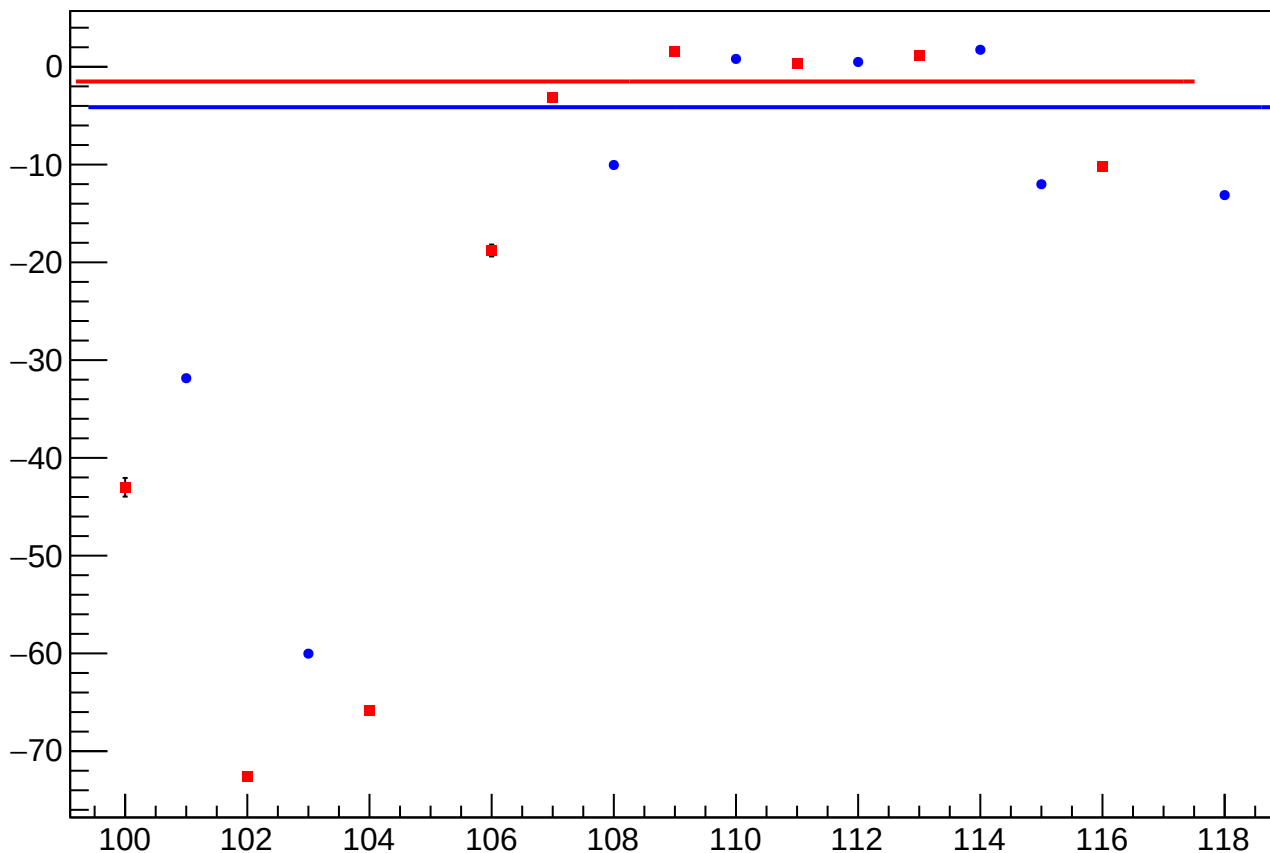
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.101 ± 0.004 χ^2/NDF : 15914.9/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



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: -1.500+/-0.054 χ^2/NDF : 48327.4/8

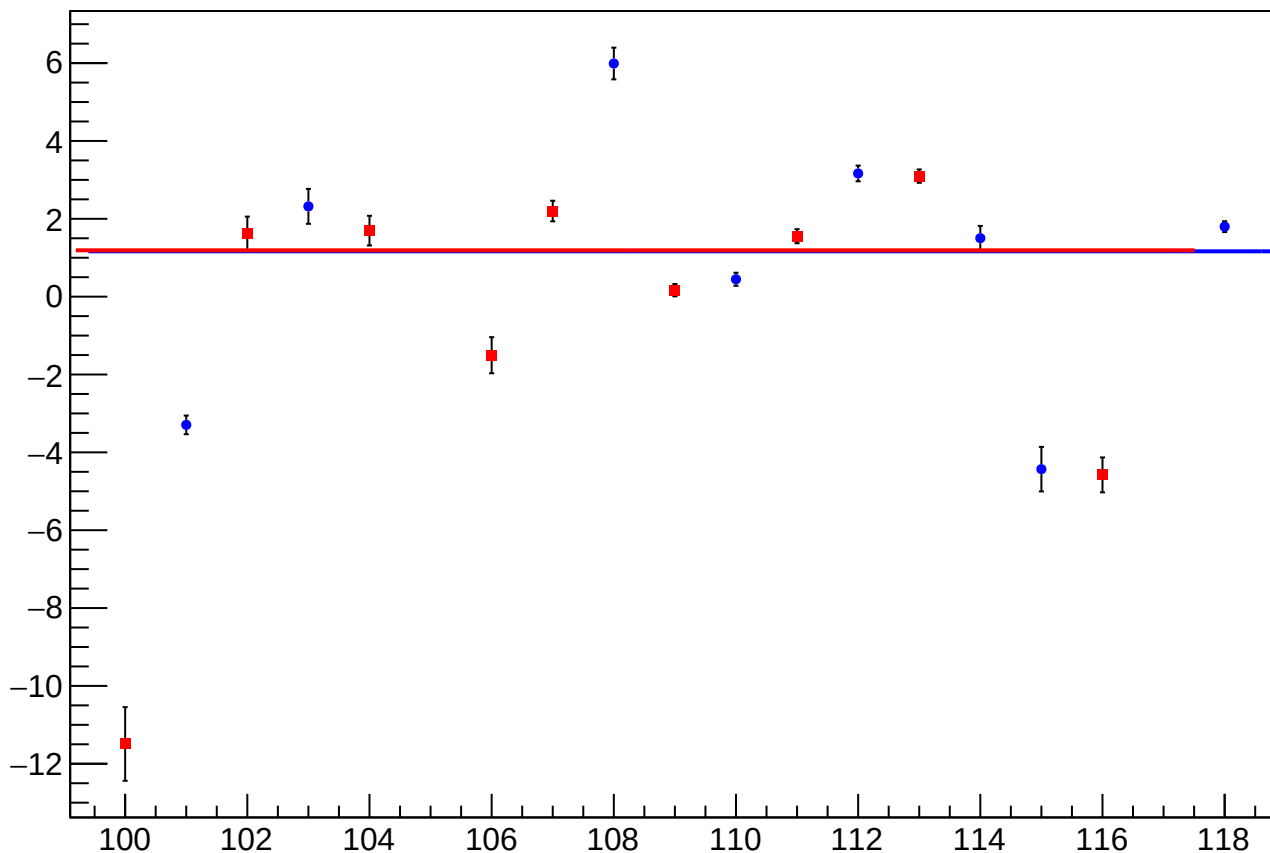
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.533+/-0.042 χ^2/NDF : 81116.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



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: 1.191+/-0.084 χ^2/NDF : 565.5/8

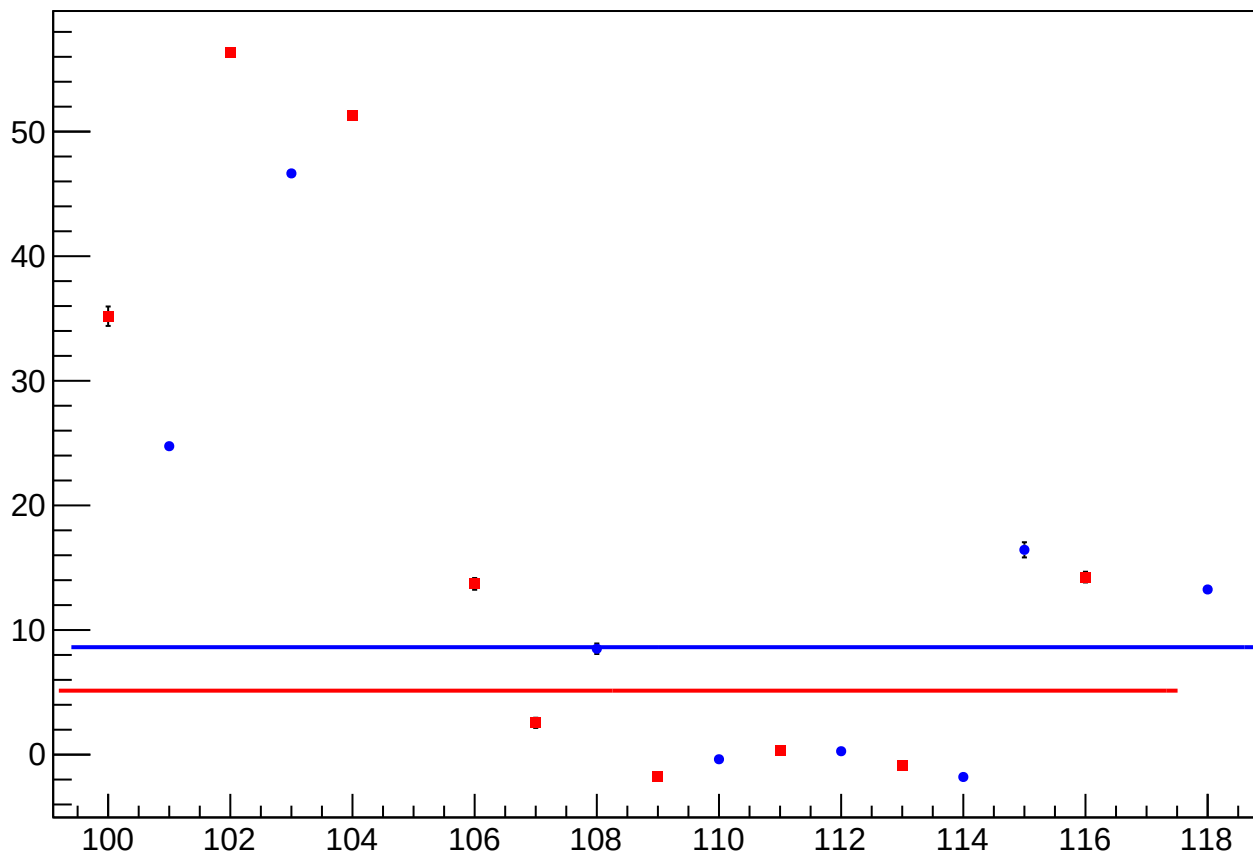
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.177+/-0.058 χ^2/NDF : 1292.6/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



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: 5.134+/-0.076 χ^2/NDF : 43288.7/8

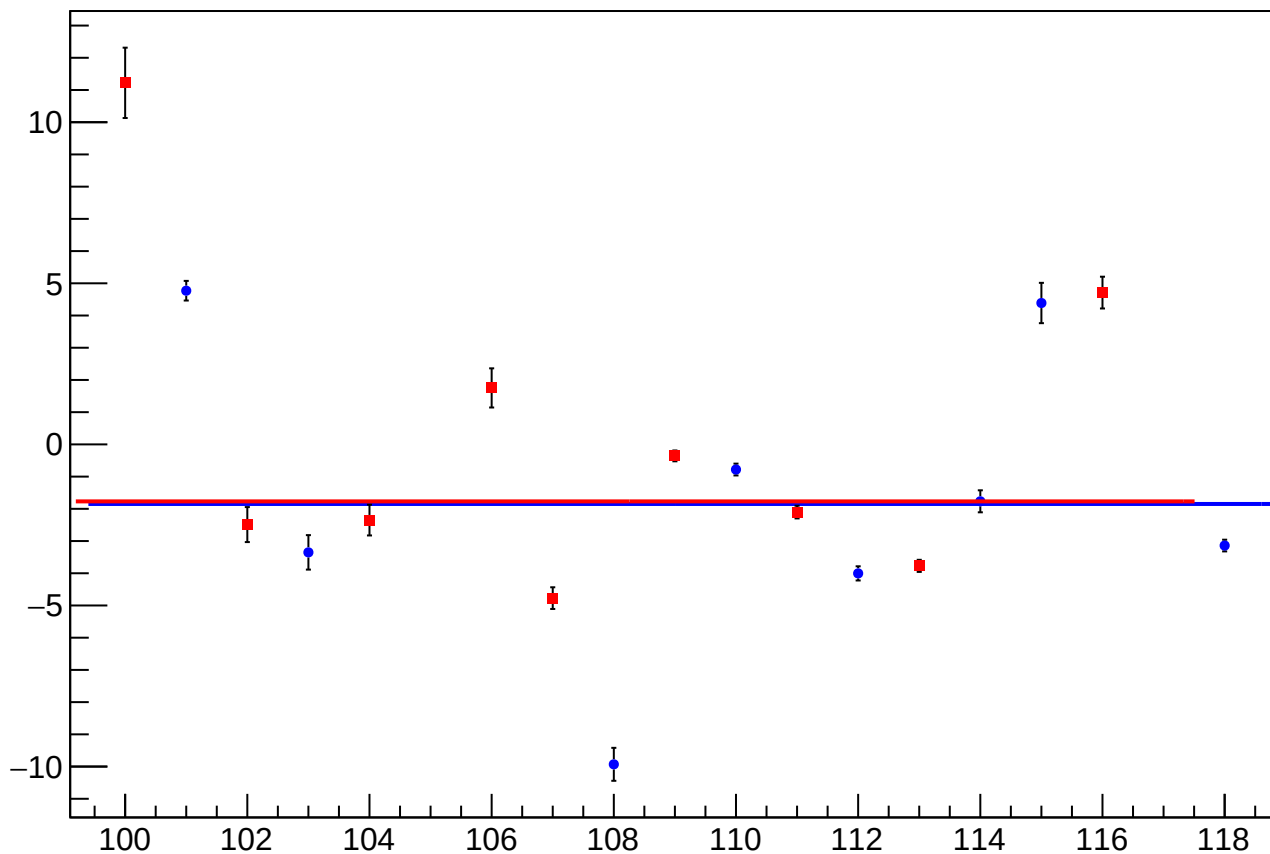
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.684+/-0.057 χ^2/NDF : 68978.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -1.849 $\pm$ 0.095 χ^2 /NDF: 1008.9/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.769 $\pm$ 0.094 χ^2 /NDF: 617.6/8

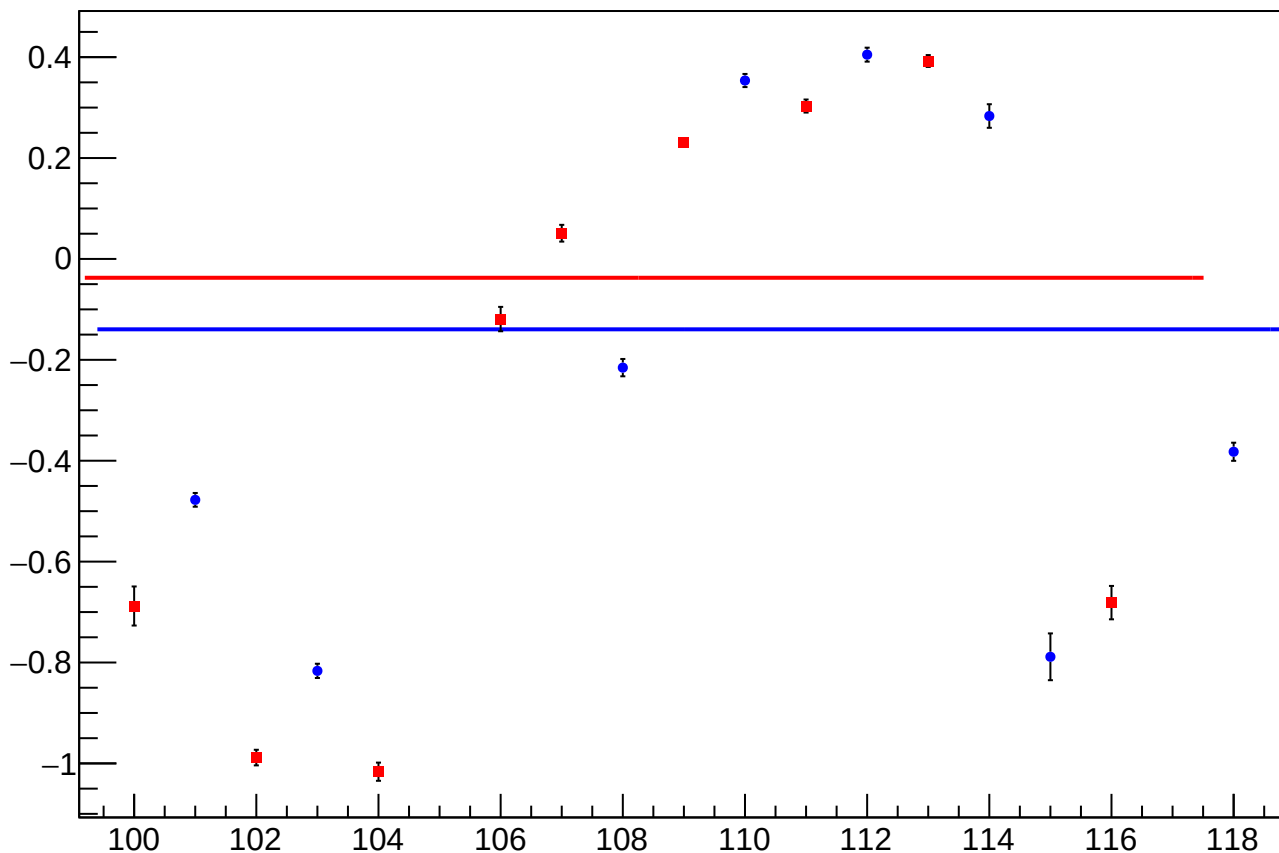
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.808 $\pm$ 0.067 χ^2 /NDF: 1626.9/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.140 ± 0.006 $\chi^2/\text{NDF}: 6618.2/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.037 ± 0.005 $\chi^2/\text{NDF}: 10171.3/8$

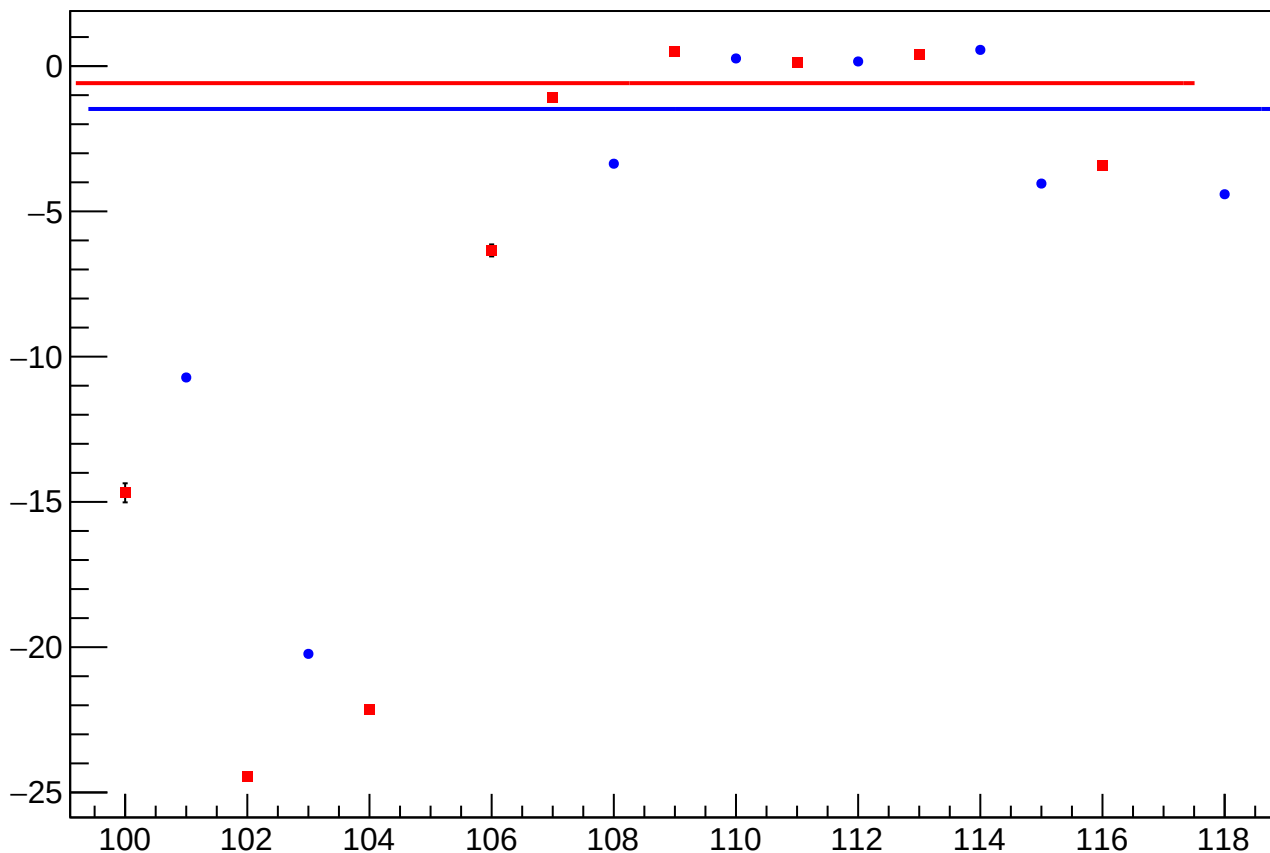
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.083 ± 0.004 $\chi^2/\text{NDF}: 16964.4/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



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: -0.587+/-0.019 χ^2/NDF : 47644.1/8

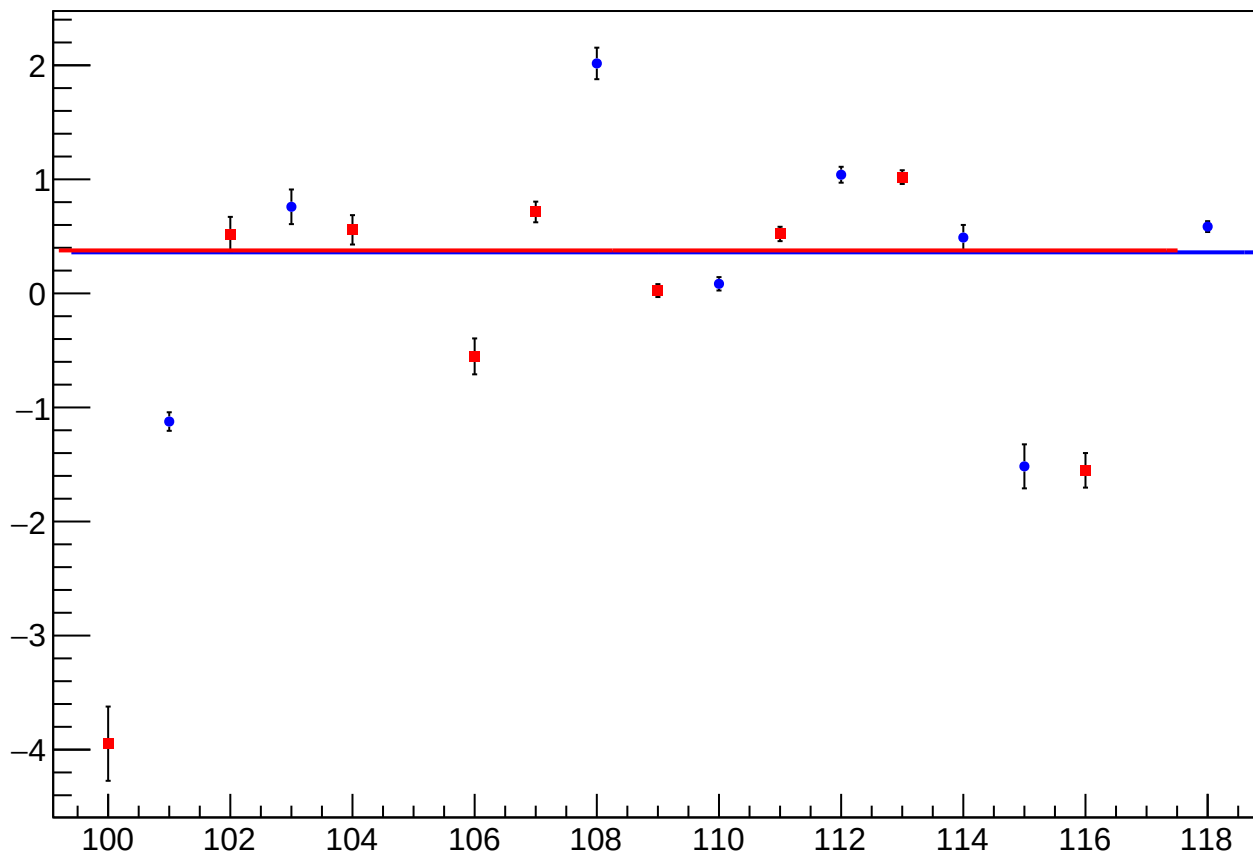
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.941+/-0.015 χ^2/NDF : 79691.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.360 $\pm$ 0.028 χ^2 /NDF: 719.2/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.377 $\pm$ 0.029 χ^2 /NDF: 547.9/8

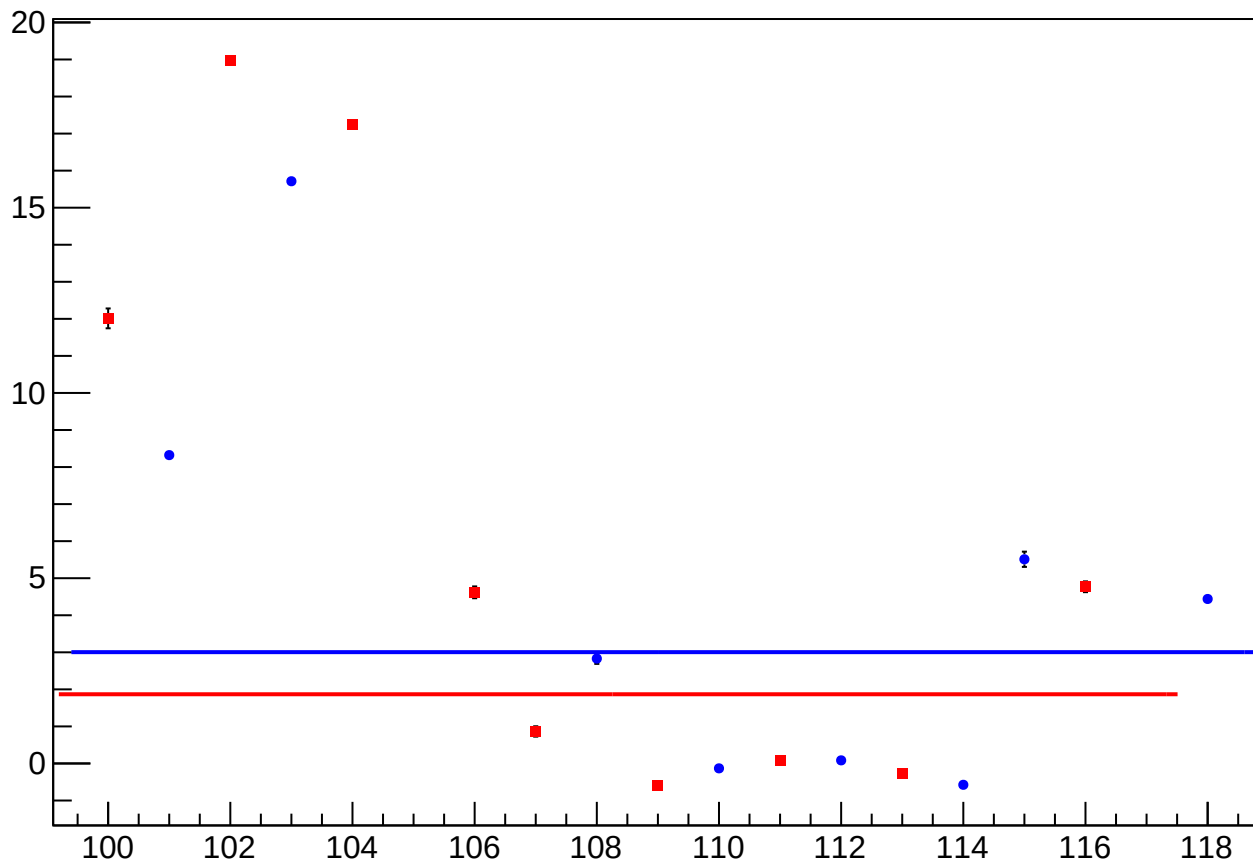
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.368 $\pm$ 0.020 χ^2 /NDF: 1267.3/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 3.004 $\pm$ 0.029 χ^2 /NDF: 24057.4/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.868 $\pm$ 0.027 χ^2 /NDF: 42422.1/8

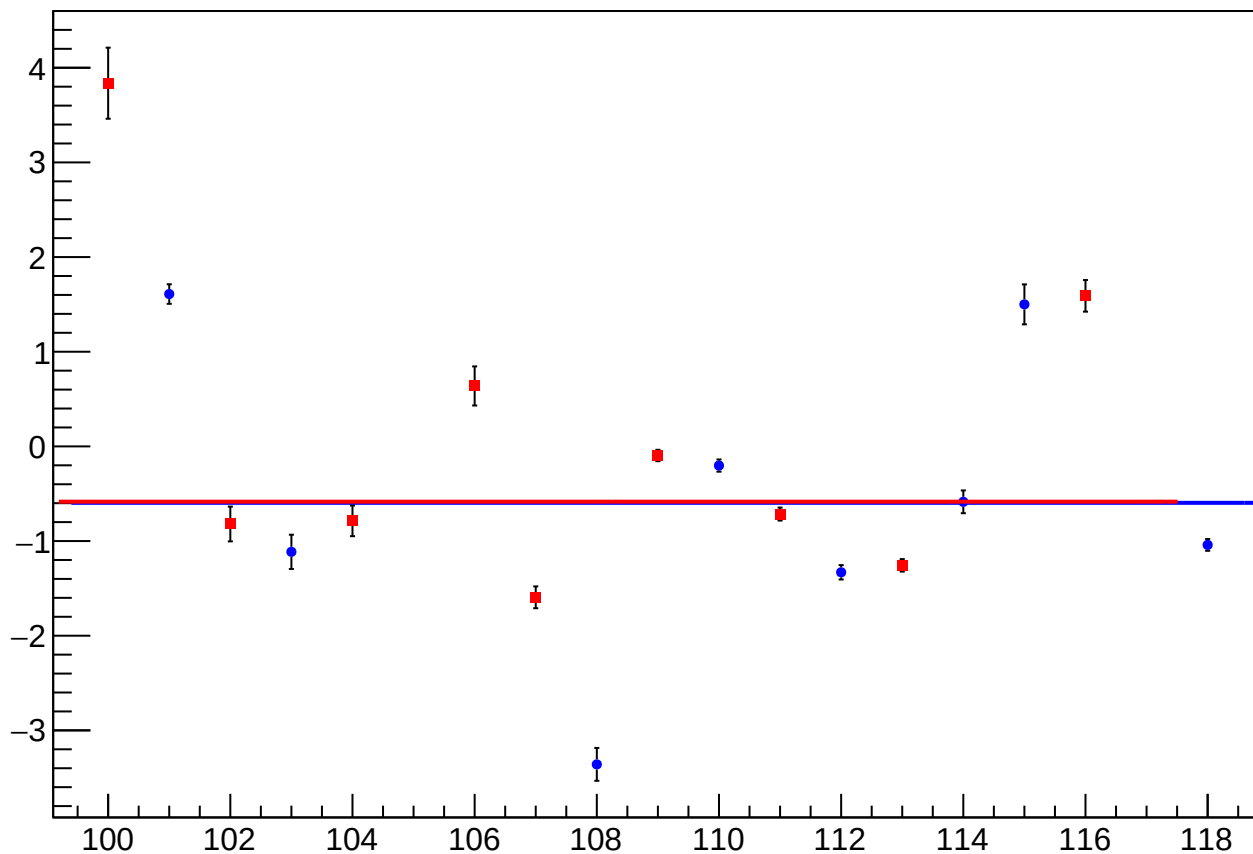
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.380 $\pm$ 0.020 χ^2 /NDF: 67299.6/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



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: -0.584 ± 0.033 χ^2/NDF : 597.9/8

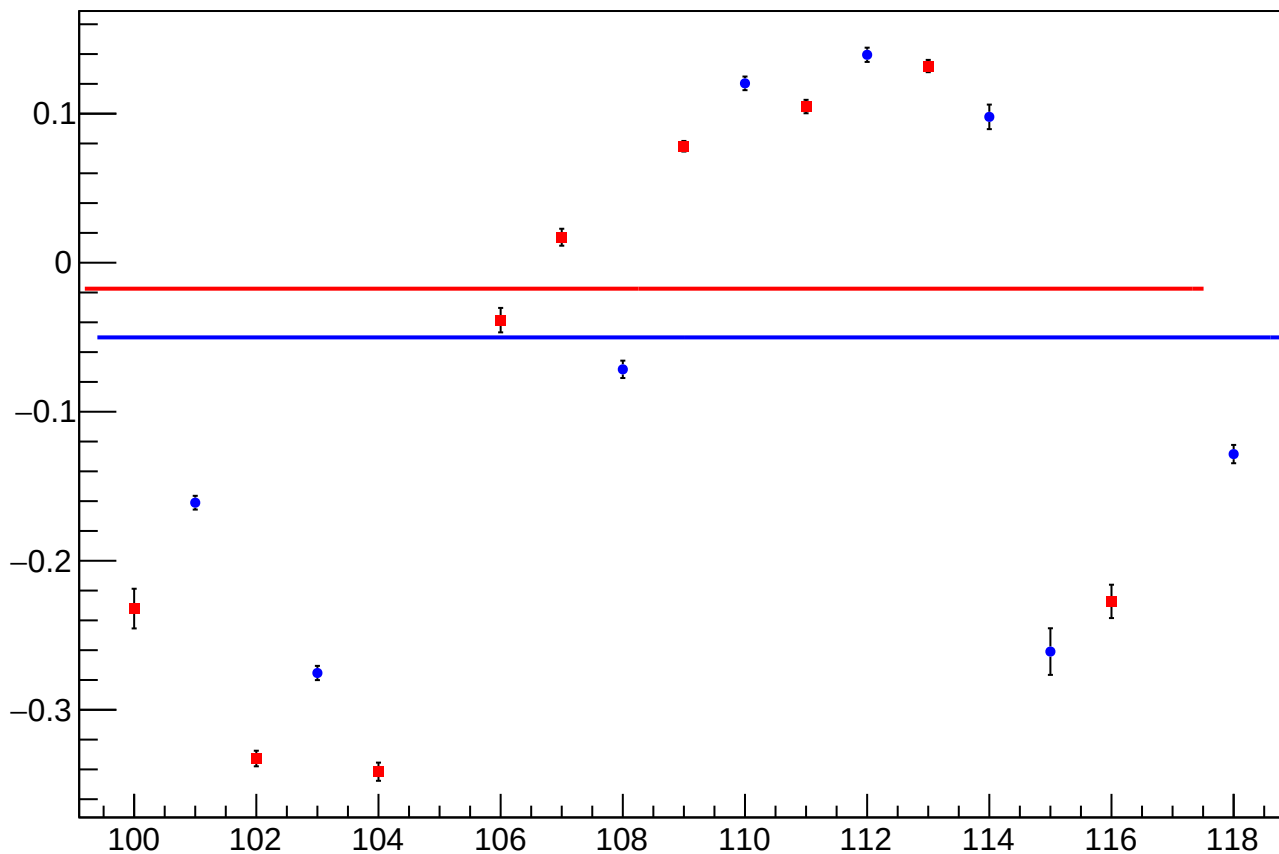
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.590 ± 0.023 χ^2/NDF : 1595.6/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug



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: -0.017 ± 0.002 χ^2/NDF : 9876.5/8

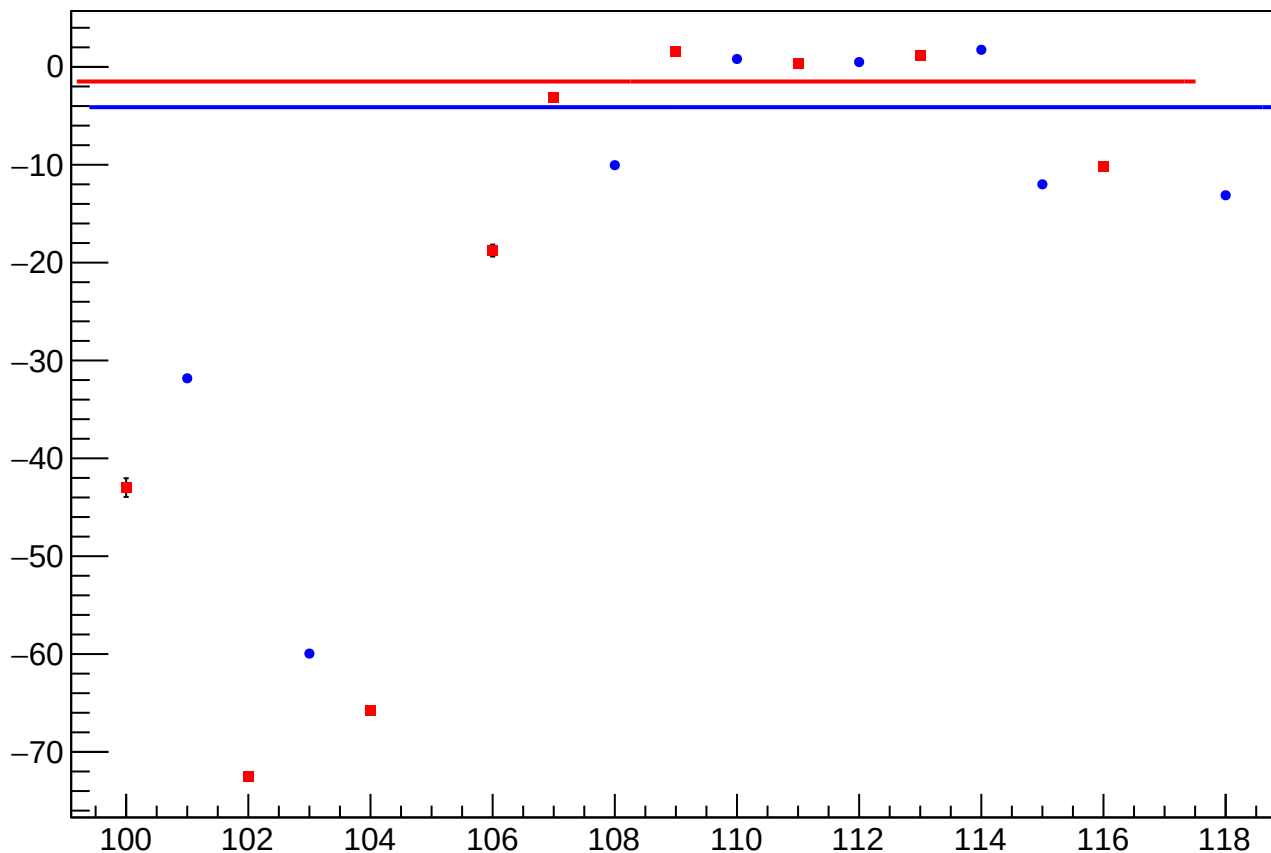
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.001 χ^2/NDF : 16463.0/16

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug



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: -1.490+/-0.054 χ^2/NDF : 48340.3/8

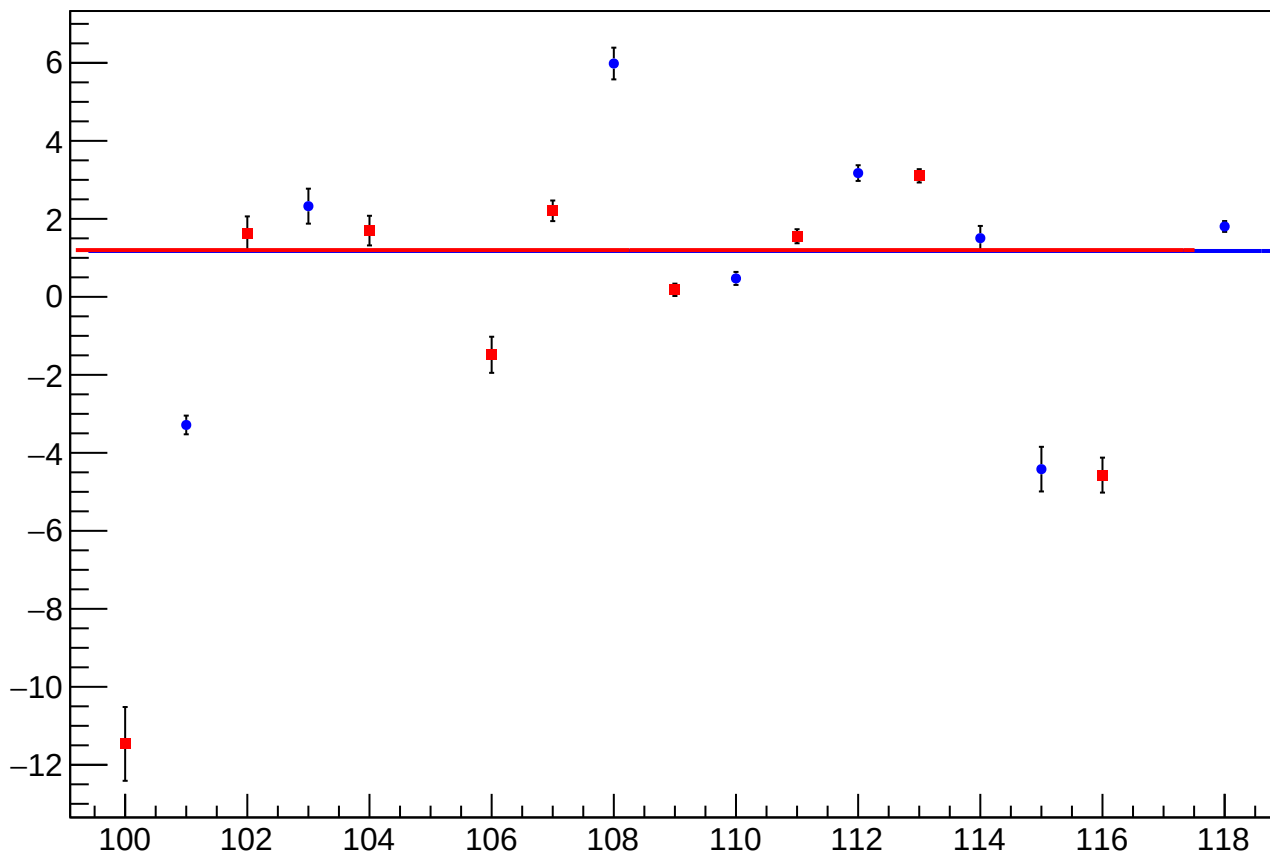
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.520+/-0.042 χ^2/NDF : 81142.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.176 $\pm$ 0.081 χ^2 /NDF: 726.3/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.199 $\pm$ 0.084 χ^2 /NDF: 564.8/8

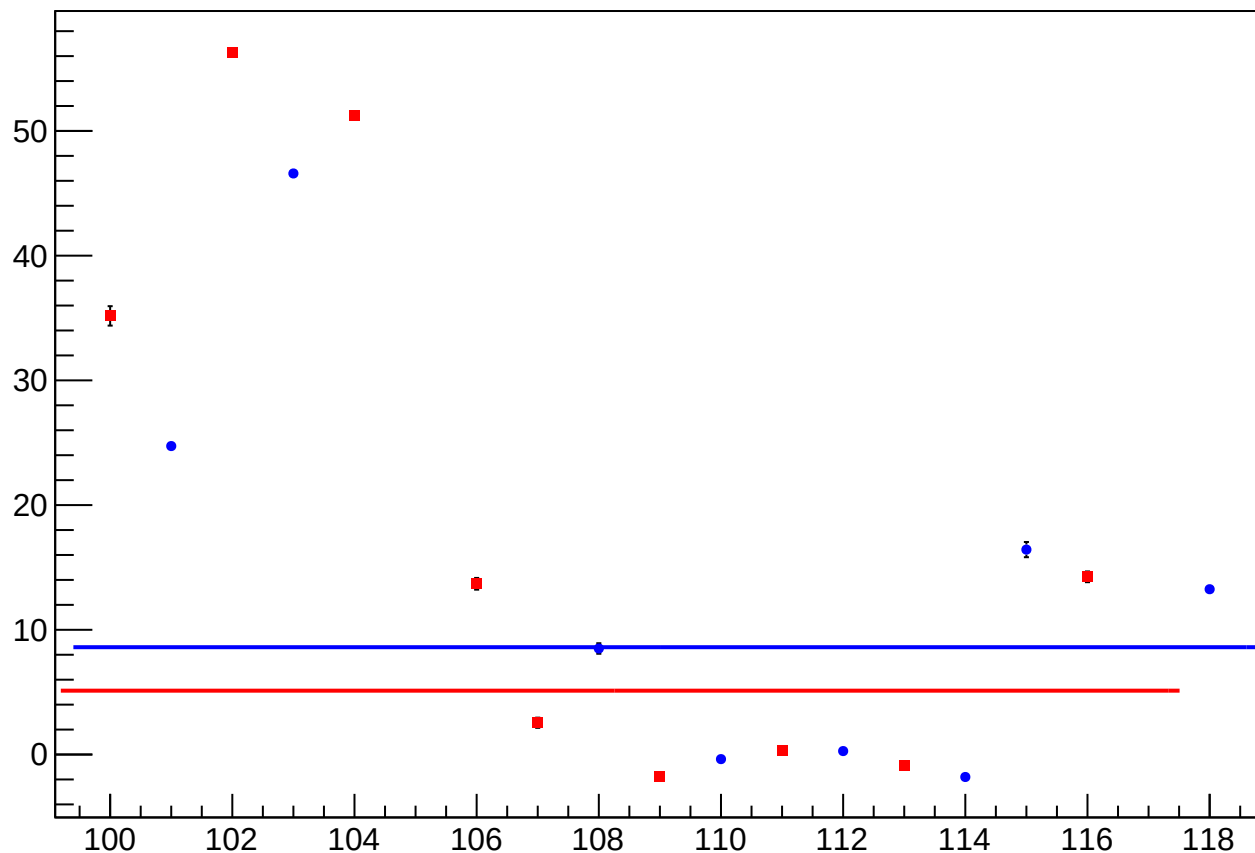
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.187 $\pm$ 0.058 χ^2 /NDF: 1291.1/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



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: 5.120+/-0.076 χ^2/NDF : 43303.8/8

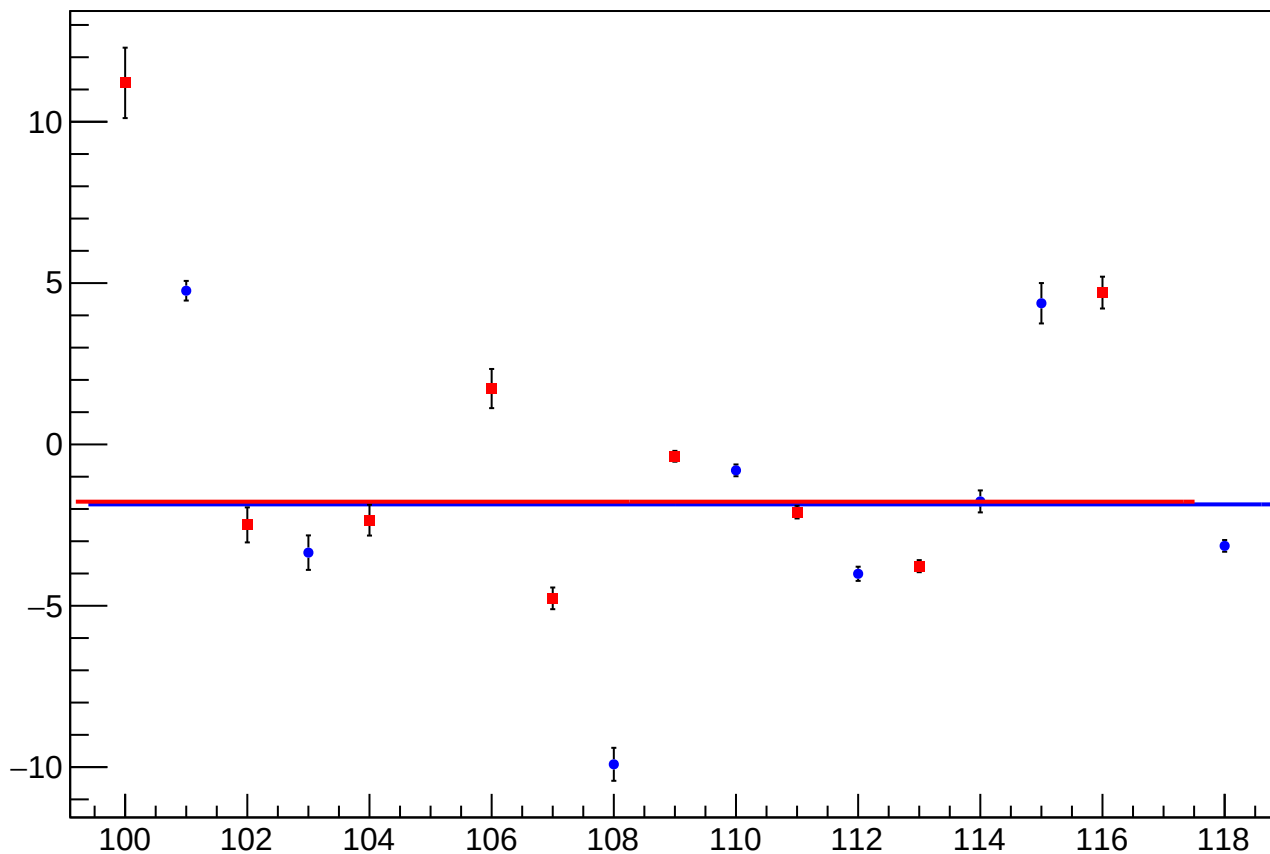
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.668+/-0.057 χ^2/NDF : 69009.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



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: -1.774+/-0.094 χ^2/NDF : 616.8/8

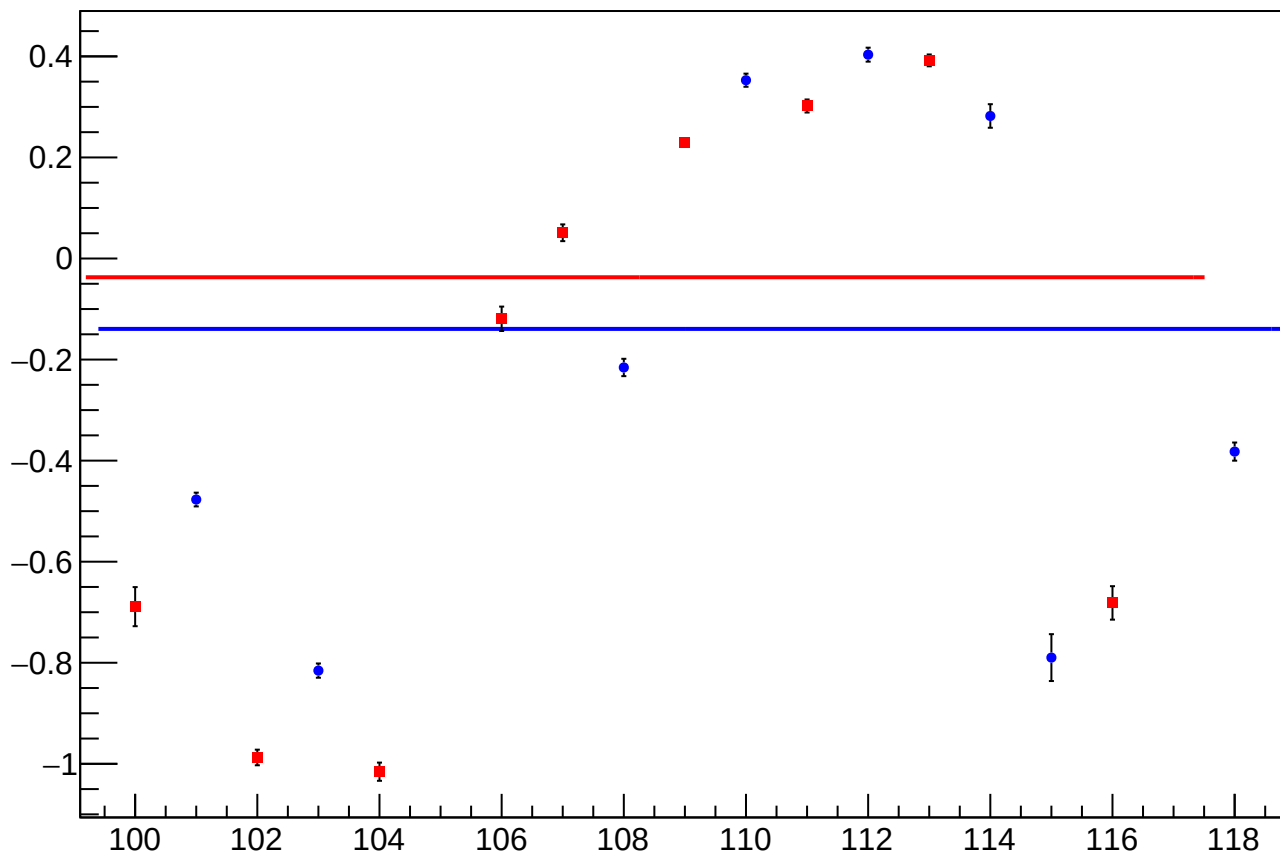
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.815+/-0.067 χ^2/NDF : 1625.1/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.139 ± 0.006 $\chi^2/\text{NDF}: 6614.3/7$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.037 ± 0.005 $\chi^2/\text{NDF}: 10175.6/8$

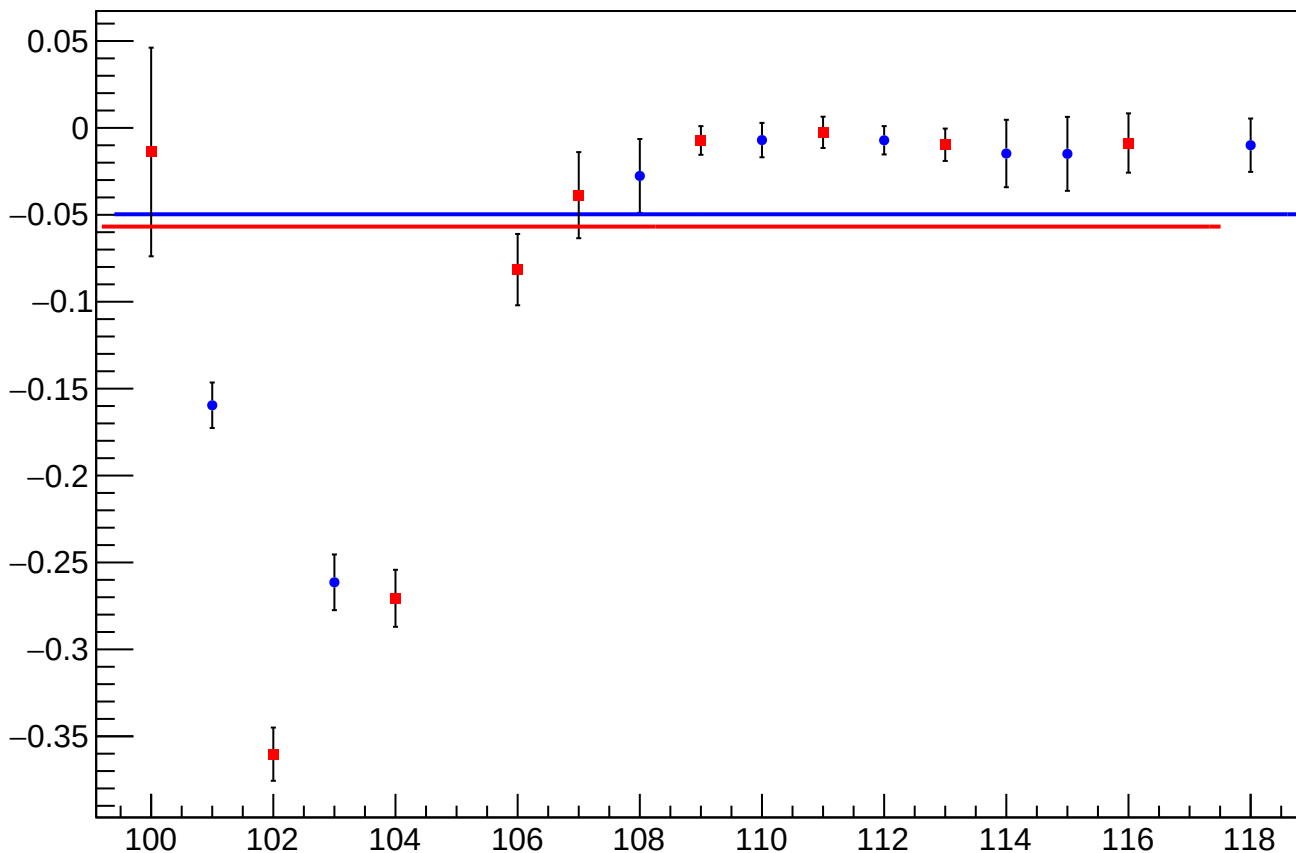
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.083 ± 0.004 $\chi^2/\text{NDF}: 16965.3/16$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



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: -0.057+/-0.004 χ^2/NDF : 671.3/8

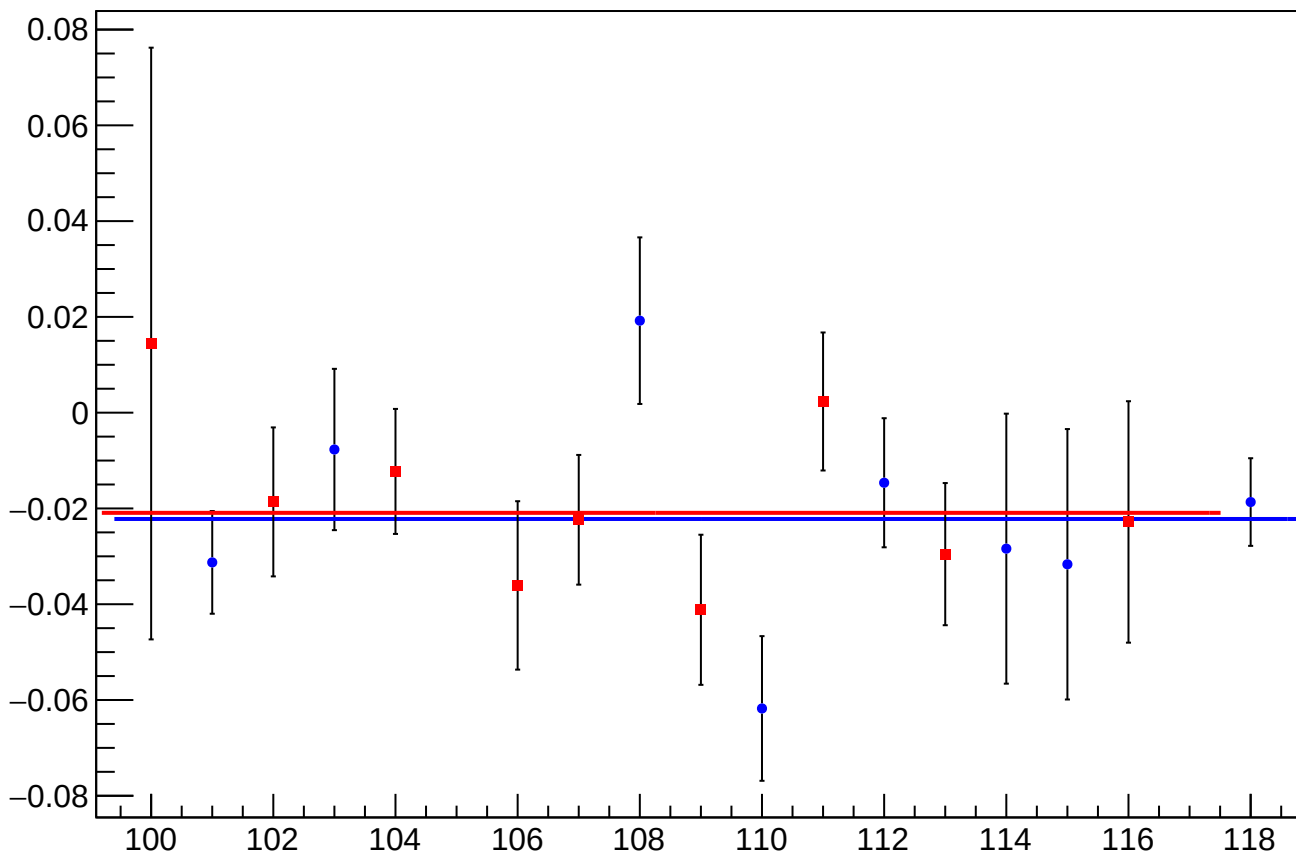
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.003 χ^2/NDF : 977.3/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



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: -0.021 $\pm$ 0.005 χ^2 /NDF: 6.2/8

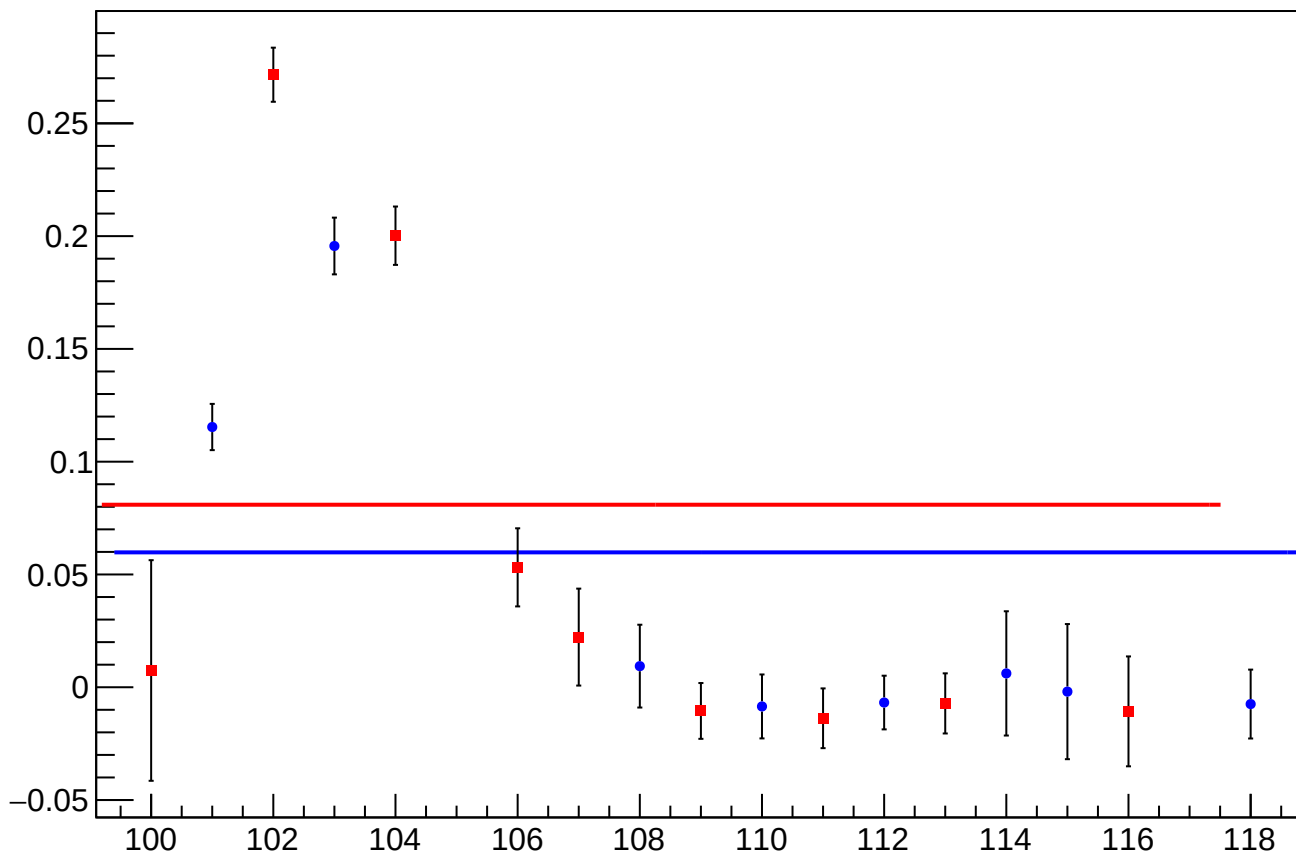
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.022 $\pm$ 0.004 χ^2 /NDF: 20.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.060 $\pm$ 0.005 χ^2 /NDF: 235.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.081 $\pm$ 0.005 χ^2 /NDF: 513.4/8

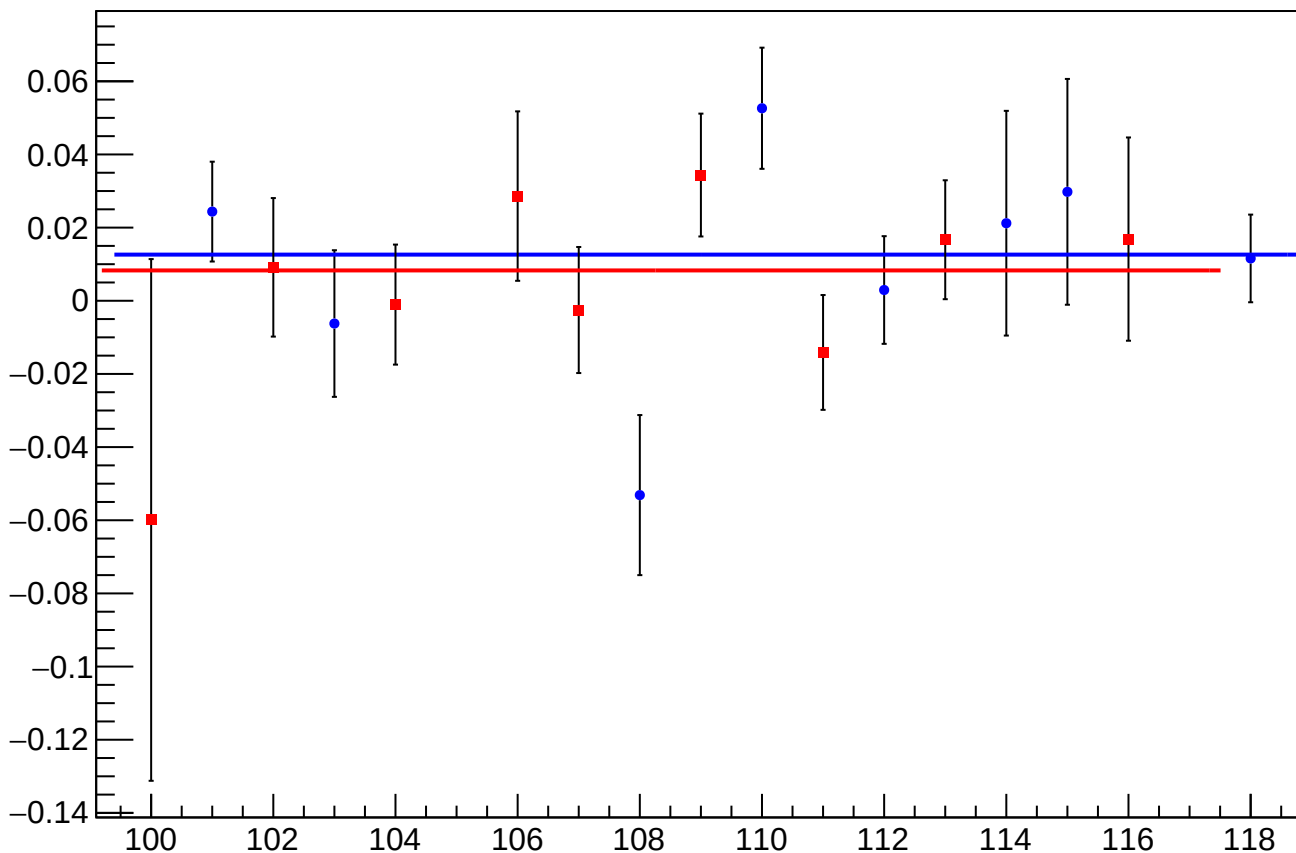
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 0.004 χ^2 /NDF: 757.4/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



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: 0.008 $\pm$ 0.006 χ^2 /NDF: 7.2/8

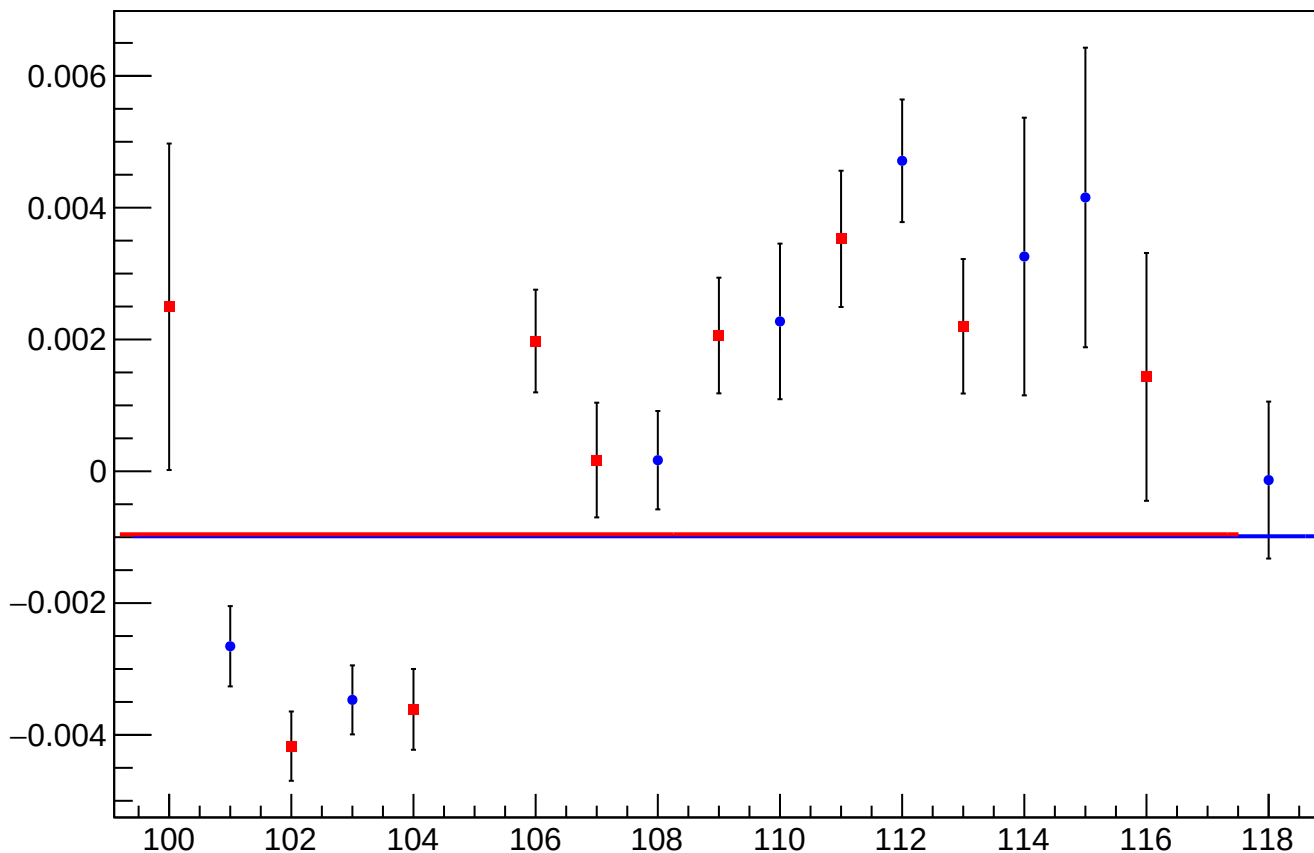
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.004 χ^2 /NDF: 24.8/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug



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 : 115.7/8

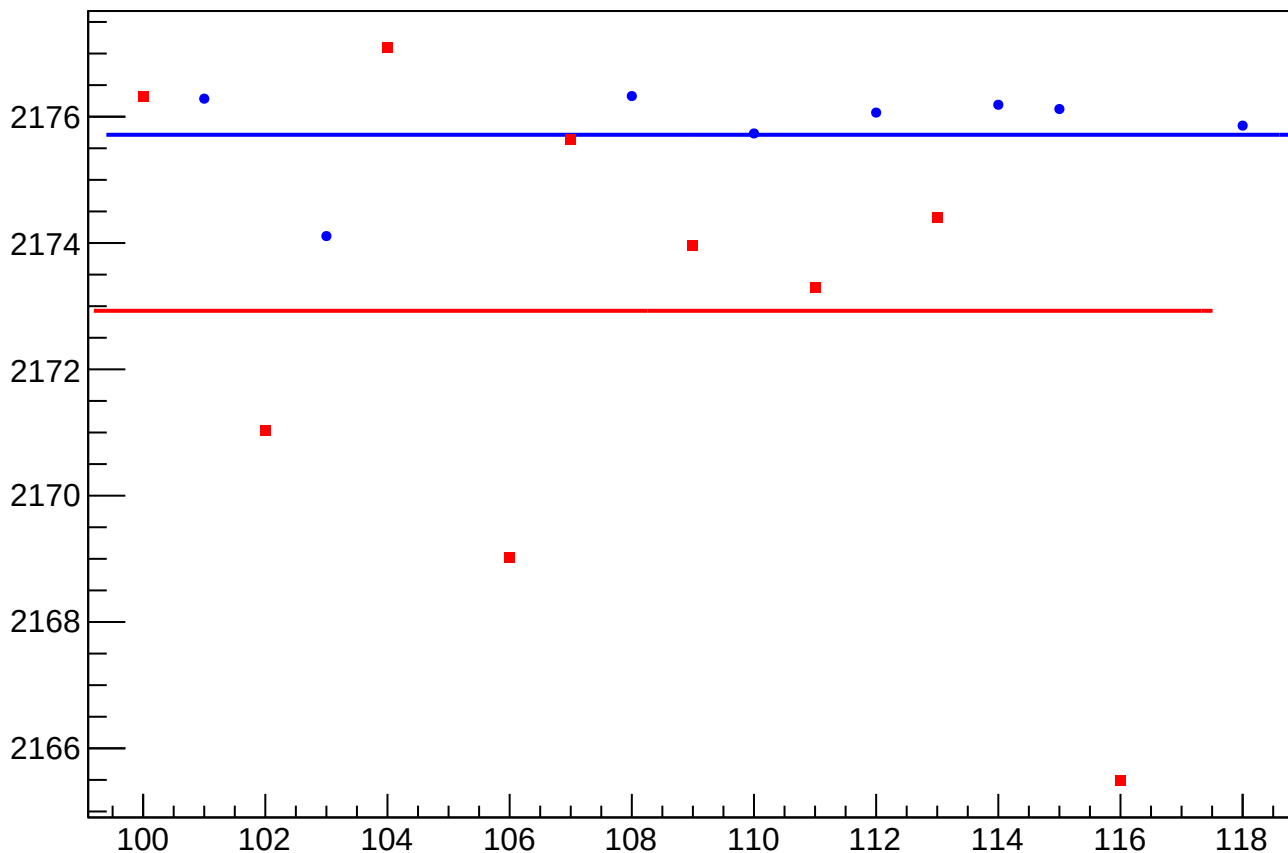
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 202.9/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.714 $\pm$ 0.000 χ^2 /NDF: 211440197434731508202998329245696.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

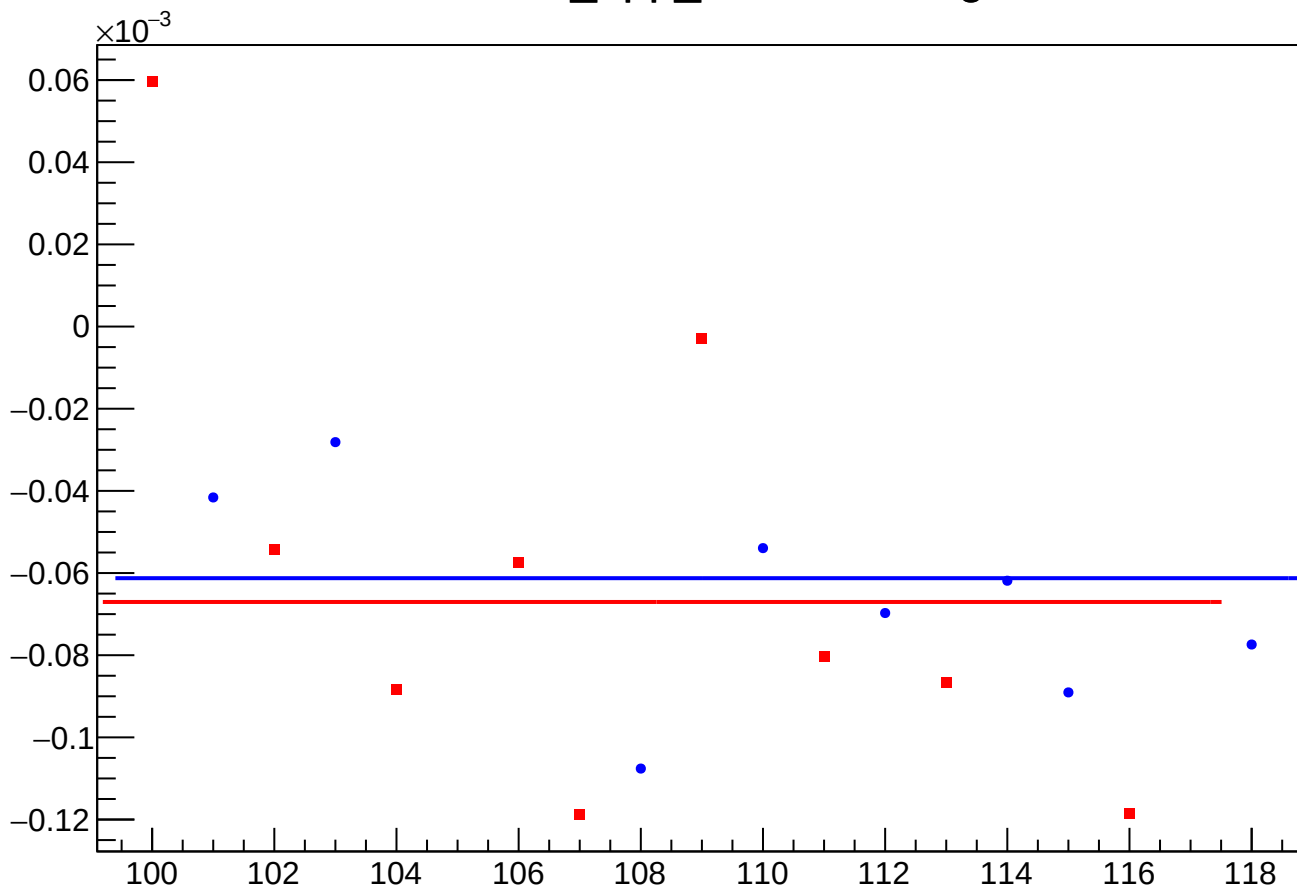
All: 2174.277 $\pm$ 0.000 χ^2 /NDF: 51843812620

Right Out: 2172.927 $\pm$ 0.000 χ^2 /NDF: 3611281420346990858982344815017984.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 213217448145664046268416.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

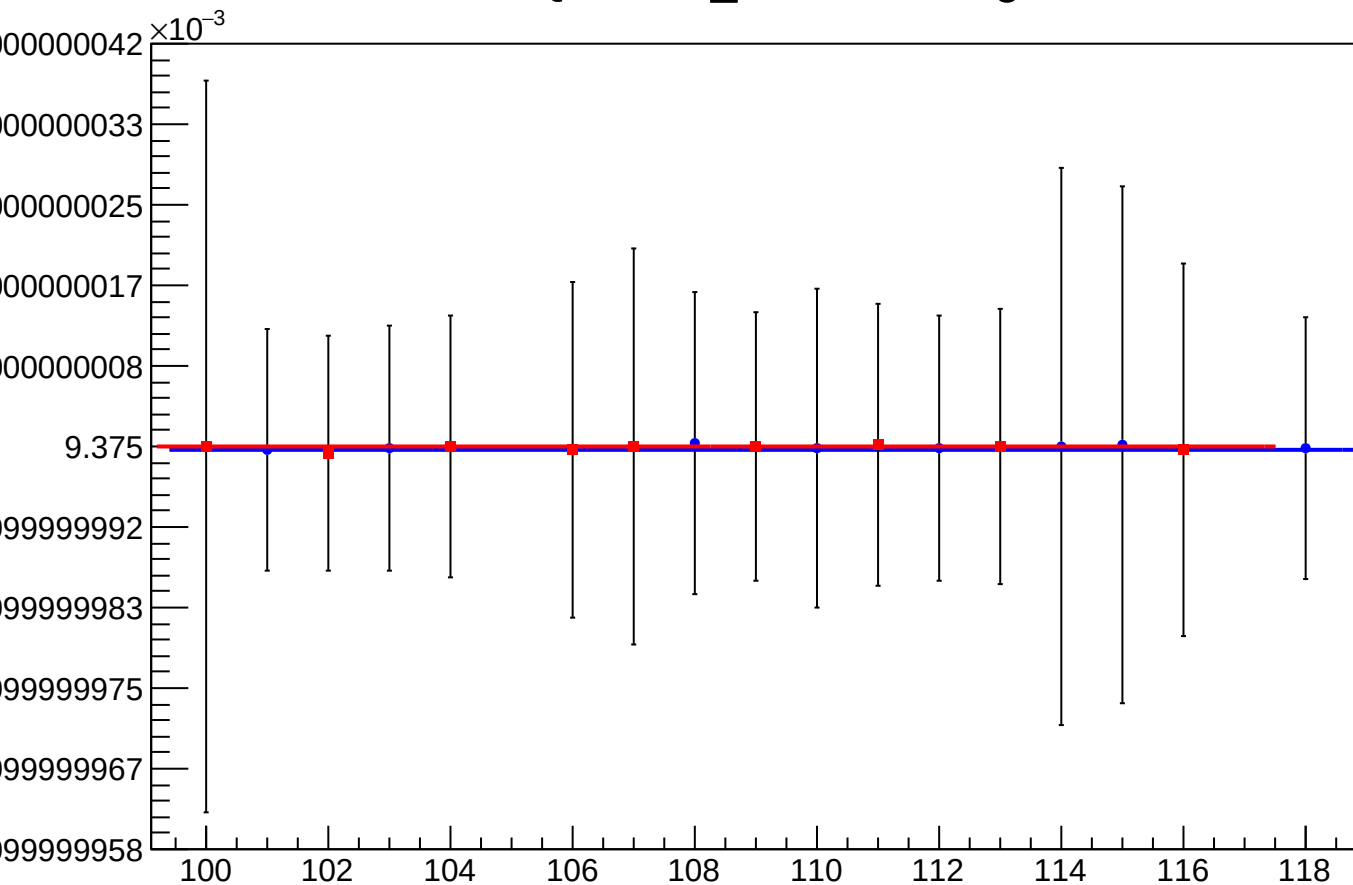
All: -0.000+/-0.000 χ^2/NDF : 7465609772645

Right Out: -0.000+/-0.000 χ^2/NDF : 527464341889865599680512.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ171LM_mean vs Slug



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 : 0.0/8

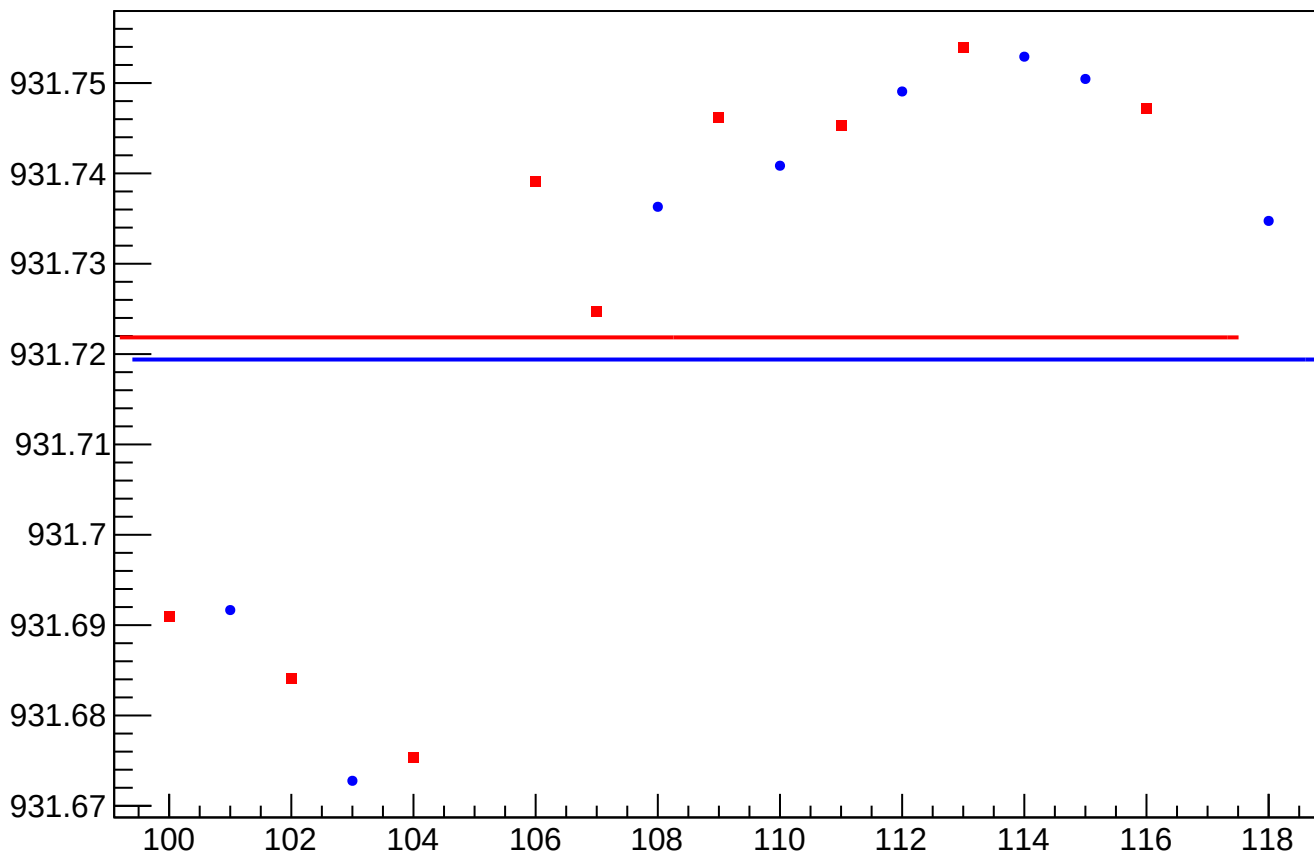
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.719+/-0.000 χ^2/NDF : 302268157763329347250550734848.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

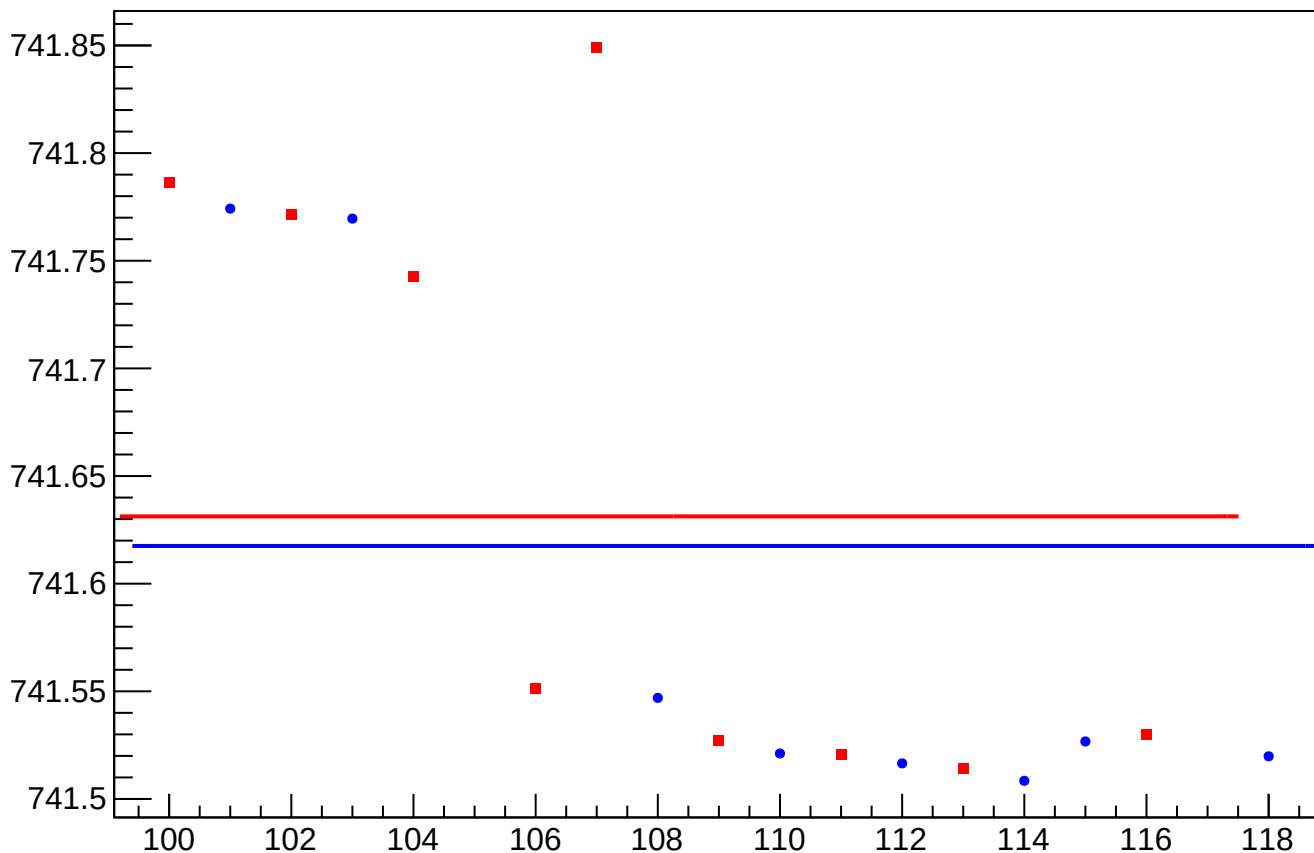
All: 931.721+/-0.000 χ^2/NDF : 658750630207

Right Out: 931.722+/-0.000 χ^2/NDF : 355429908890142772606697209856.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.618+/-0.000 χ^2/NDF : 4924221160140900154170710949888.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

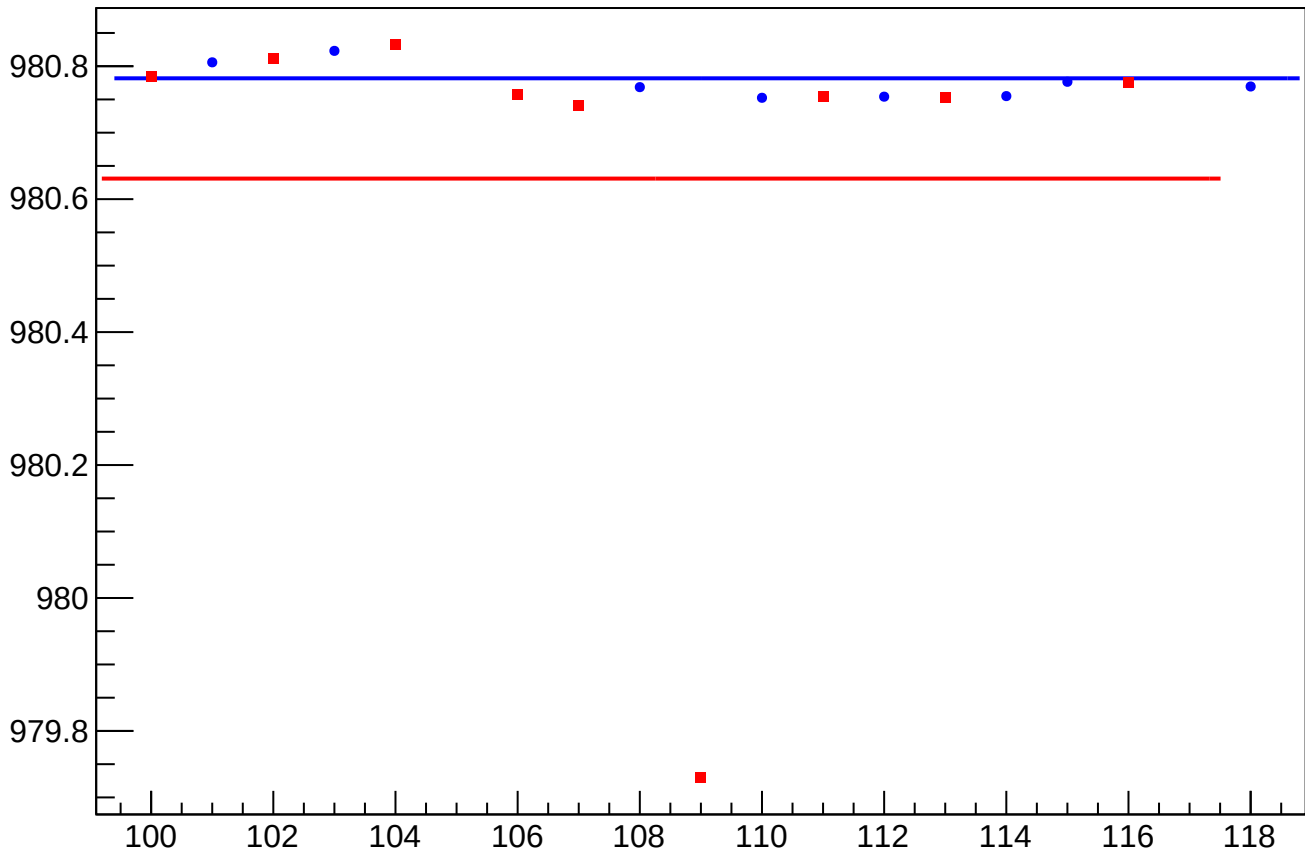
All: 741.625+/-0.000 χ^2/NDF : 105857552947

Right Out: 741.631+/-0.000 χ^2/NDF : 5628405159980582155612026044416.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.782 $\pm$ 0.000 χ^2 /NDF: 241673520404561257276614115328.0/7

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

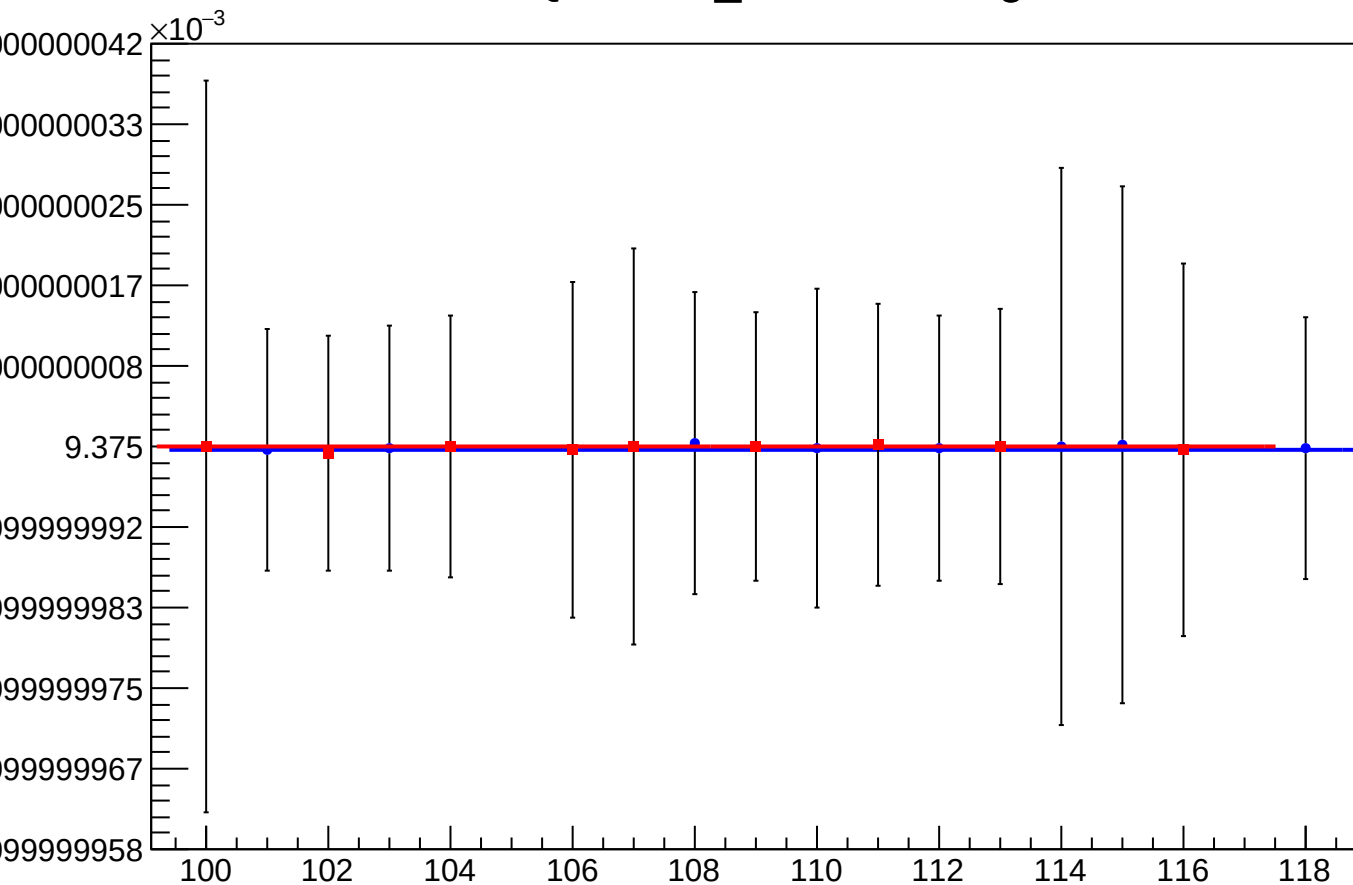
All: 980.704 $\pm$ 0.000 χ^2 /NDF: 53906877192

Right Out: 980.631 $\pm$ 0.000 χ^2 /NDF: 49675570805088223437817919832064.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MQ172RM_mean vs Slug



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: 0.0/8

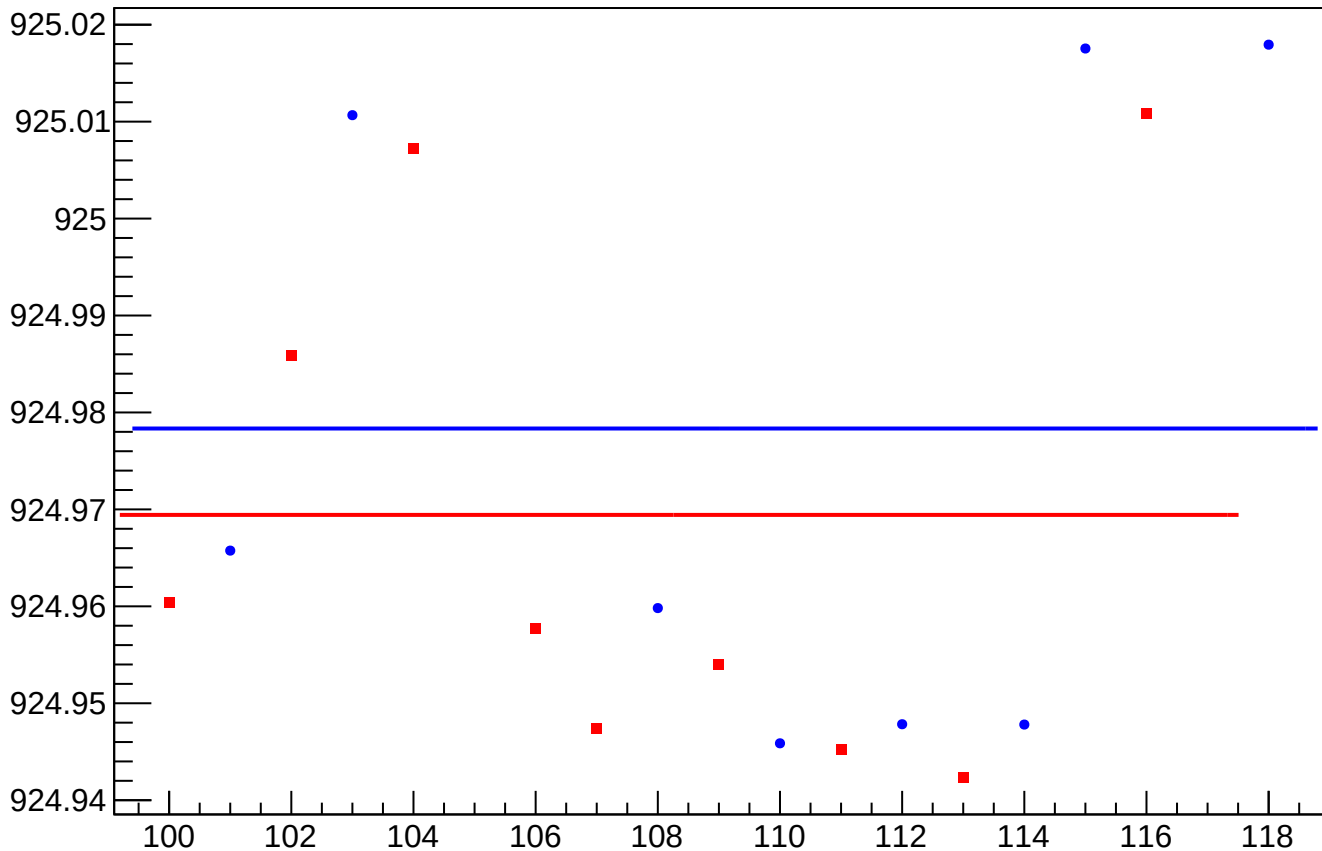
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.978+/-0.000 χ^2/NDF : 297482558243894439629163593728.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

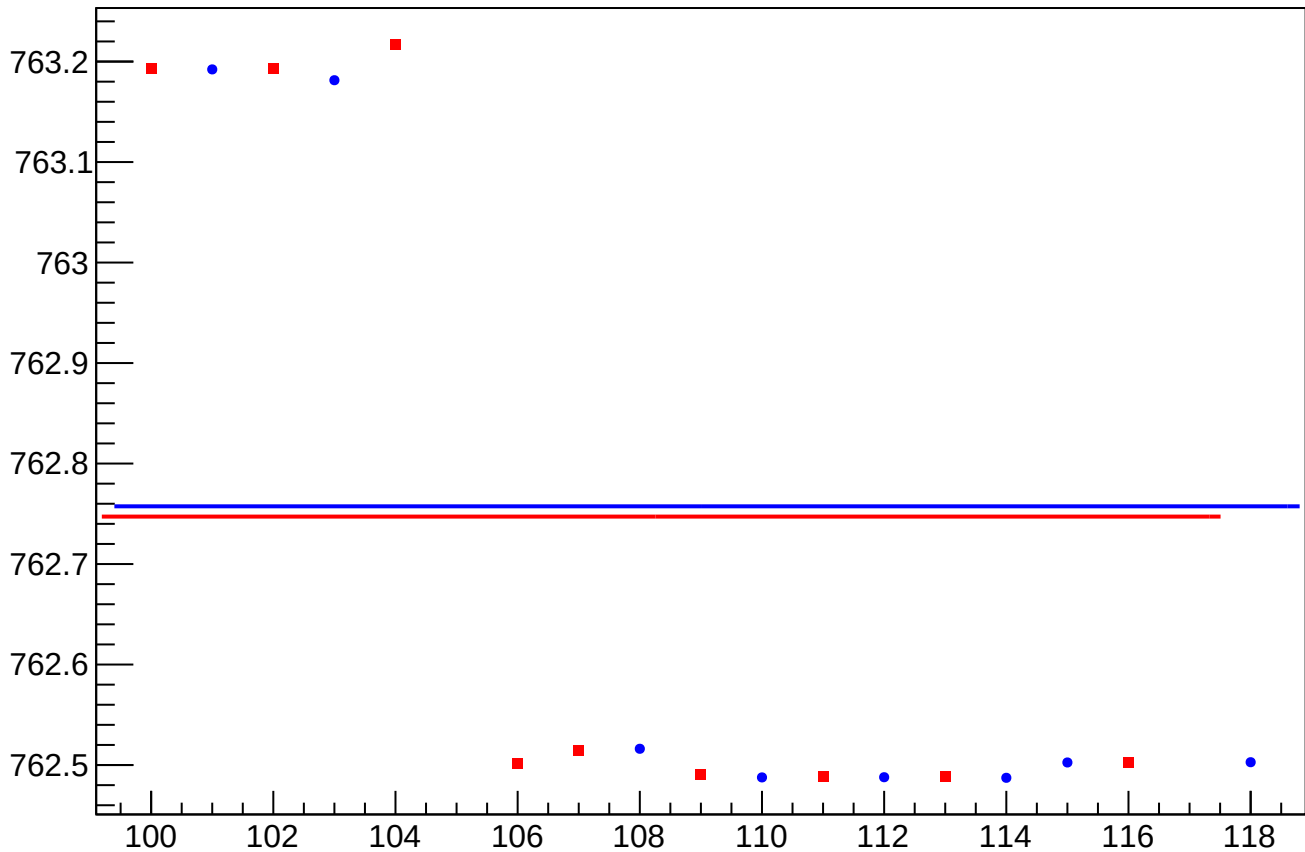
All: 924.974+/-0.000 χ^2/NDF : 54675960359

Right Out: 924.969+/-0.000 χ^2/NDF : 235353229606654646086294044672.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.757+/-0.000 χ^2/NDF : 37892370085739288369097374433280.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

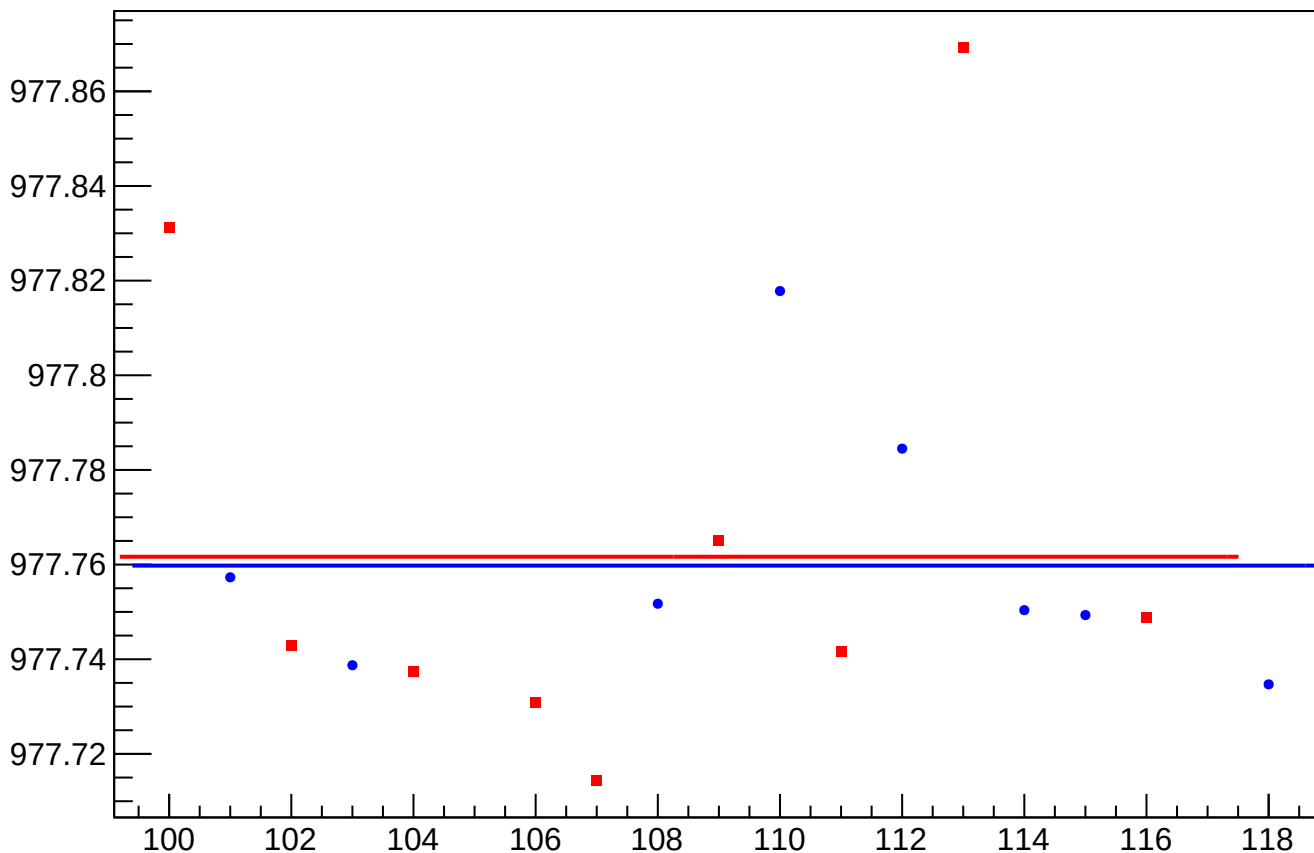
All: 762.752+/-0.000 χ^2/NDF : 79549258693

Right Out: 762.747+/-0.000 χ^2/NDF : 41638597435289459894377166929920.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.760+/-0.000 χ^2/NDF : 225107972121886783557194481664.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

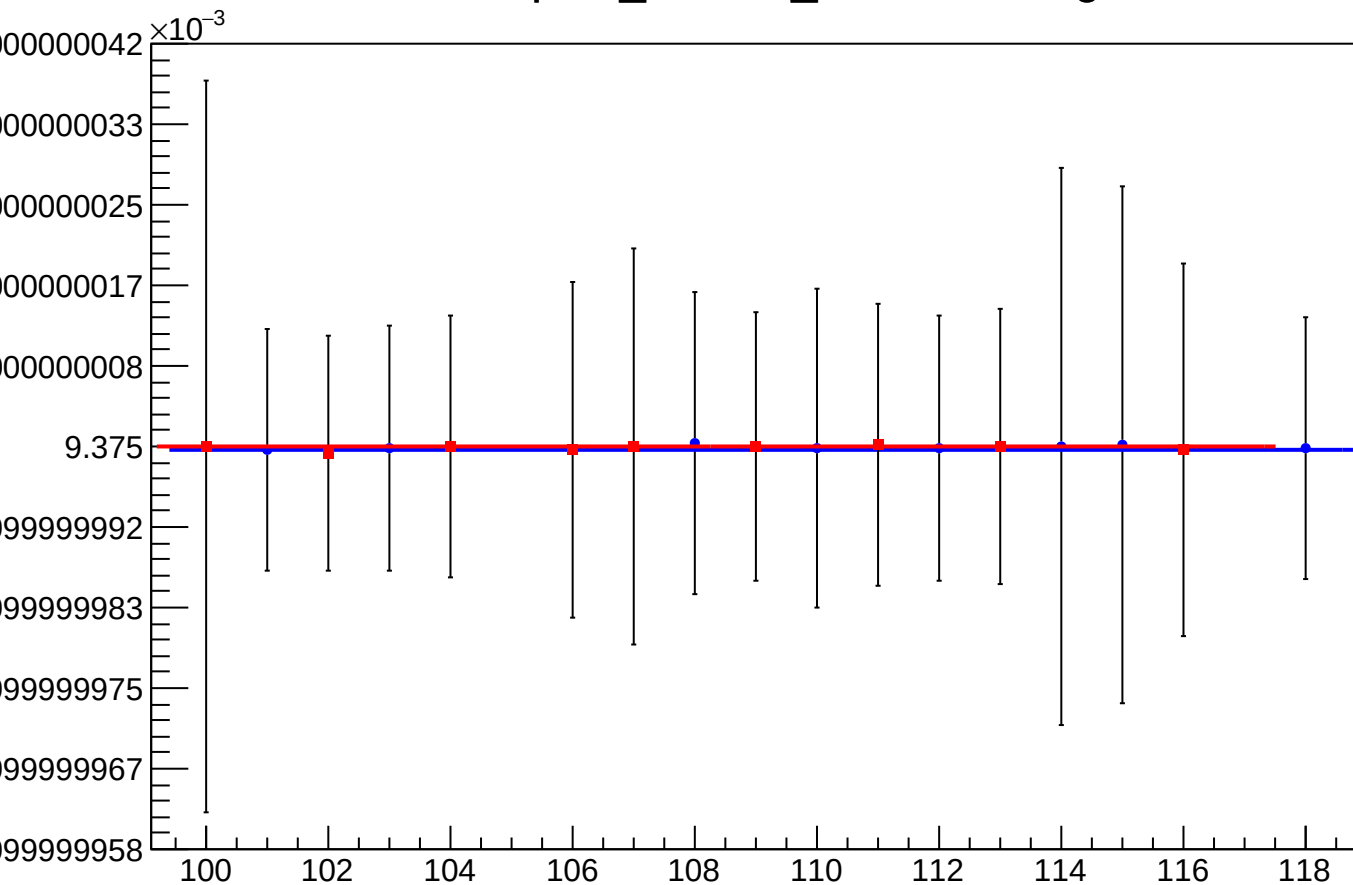
All: 977.761+/-0.000 χ^2/NDF : 10033876674.0/8

Right Out: 977.762+/-0.000 χ^2/NDF : 777665493865272316896529612800.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

hesDipole_current_mean vs Slug



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: 0.0/8

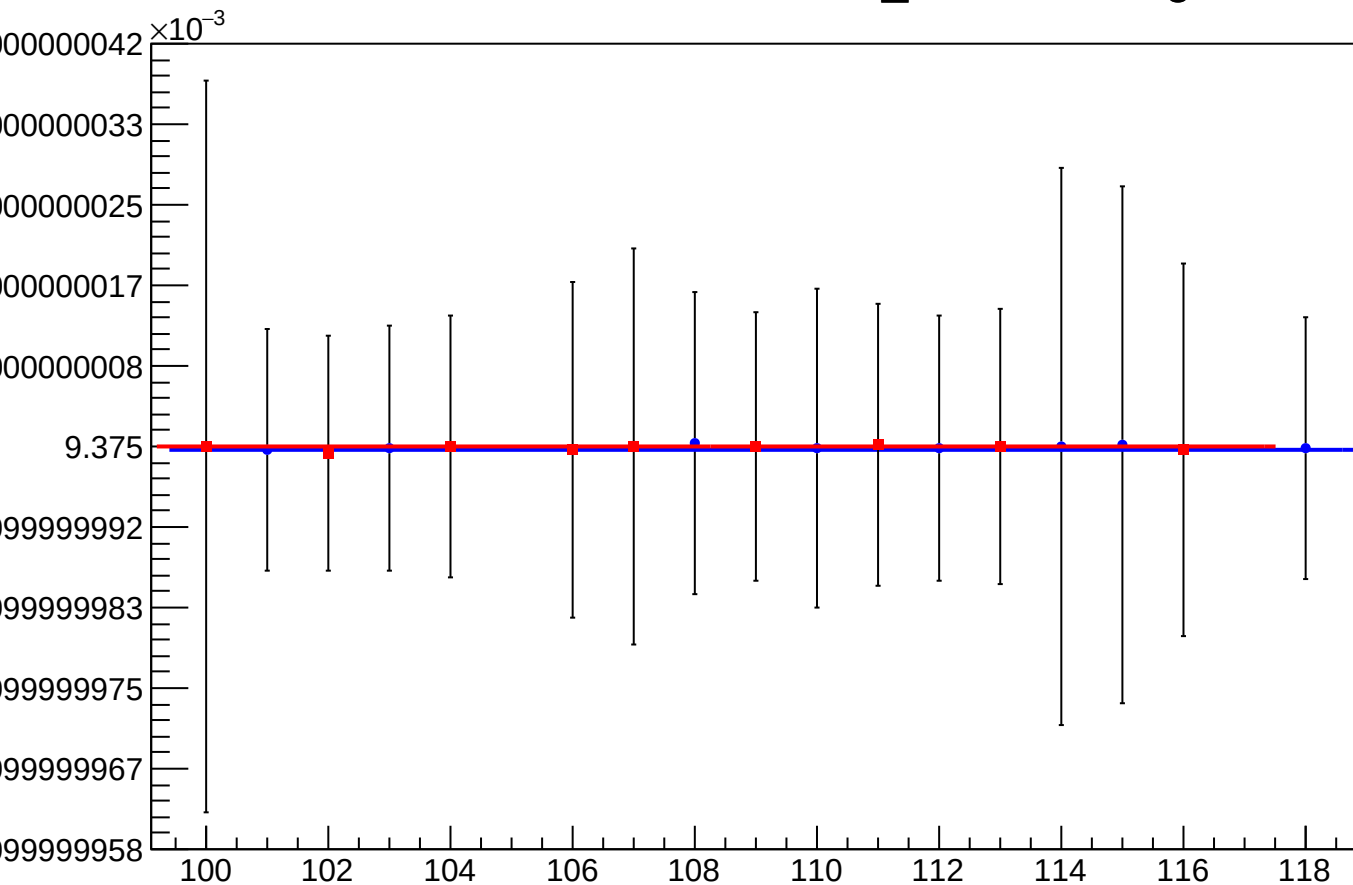
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/16

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MSUPERBIGBITereadcalc_mean vs Slug



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 : 0.0/8

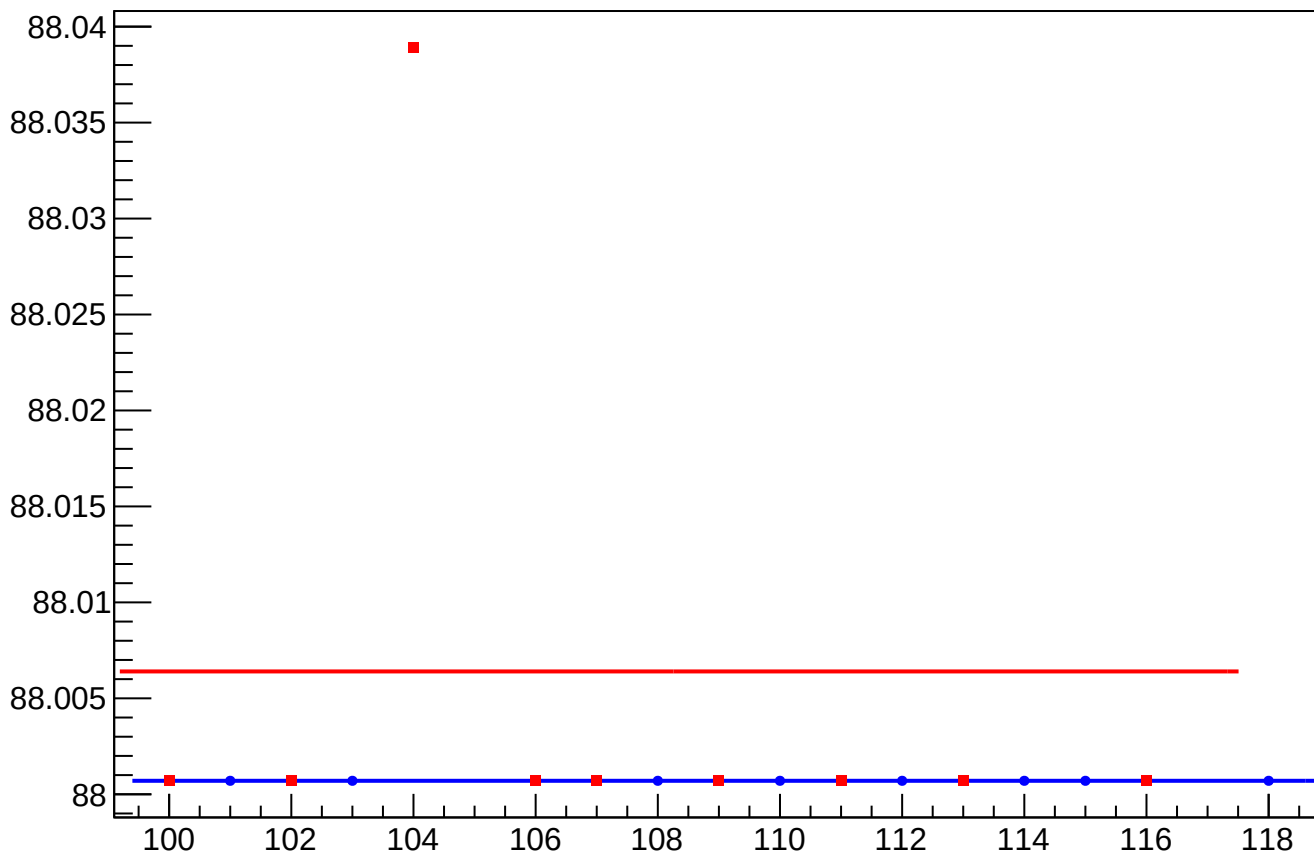
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 717522.6/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

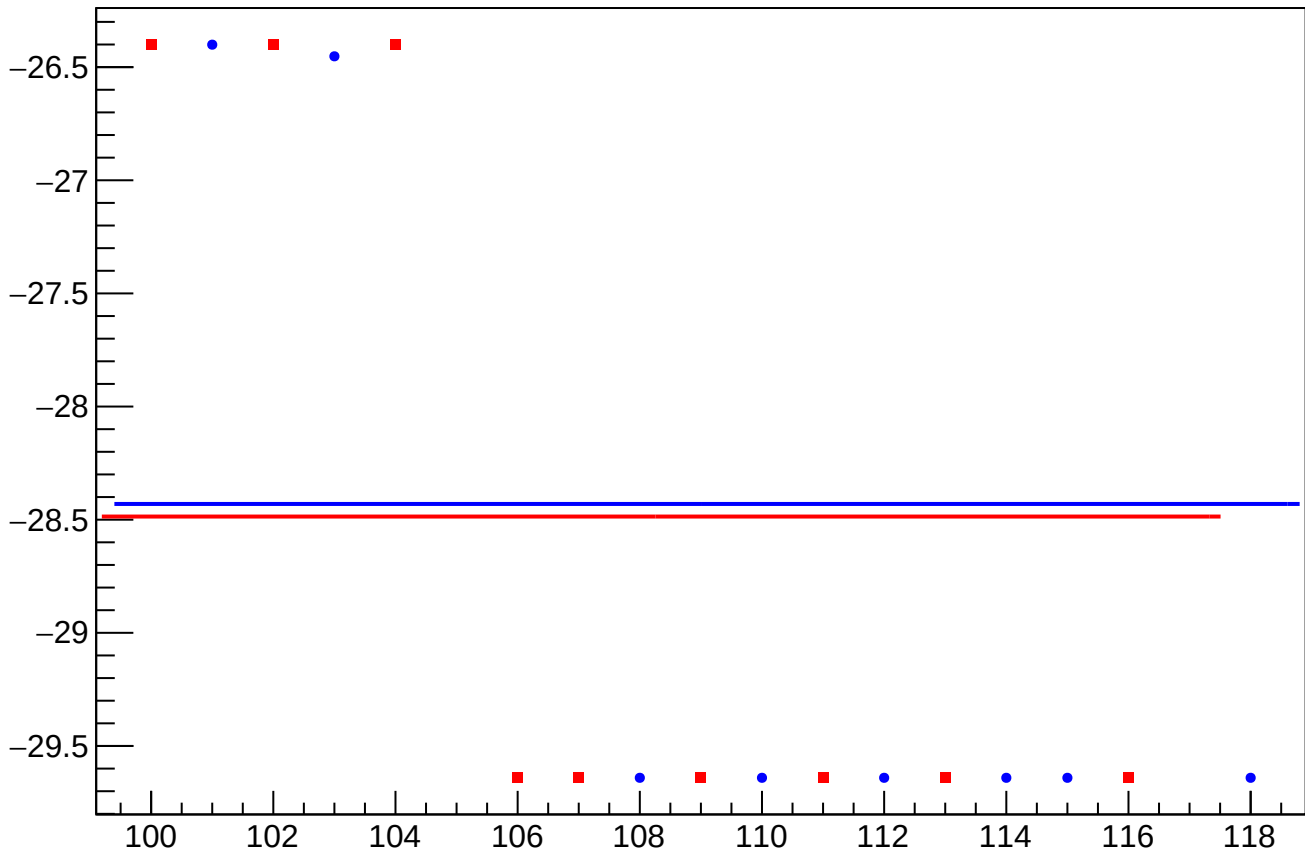
Right Out: 88.006 $\pm$ 0.000 χ^2 /NDF: 67048959157582529053451091968.0/8

All: 88.004 $\pm$ 0.000 χ^2 /NDF: 7274242721794

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HWienAngle_mean vs Slug



Right In: -28.430+/-0.000 χ^2/NDF : 824876609747917272857437976657920.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

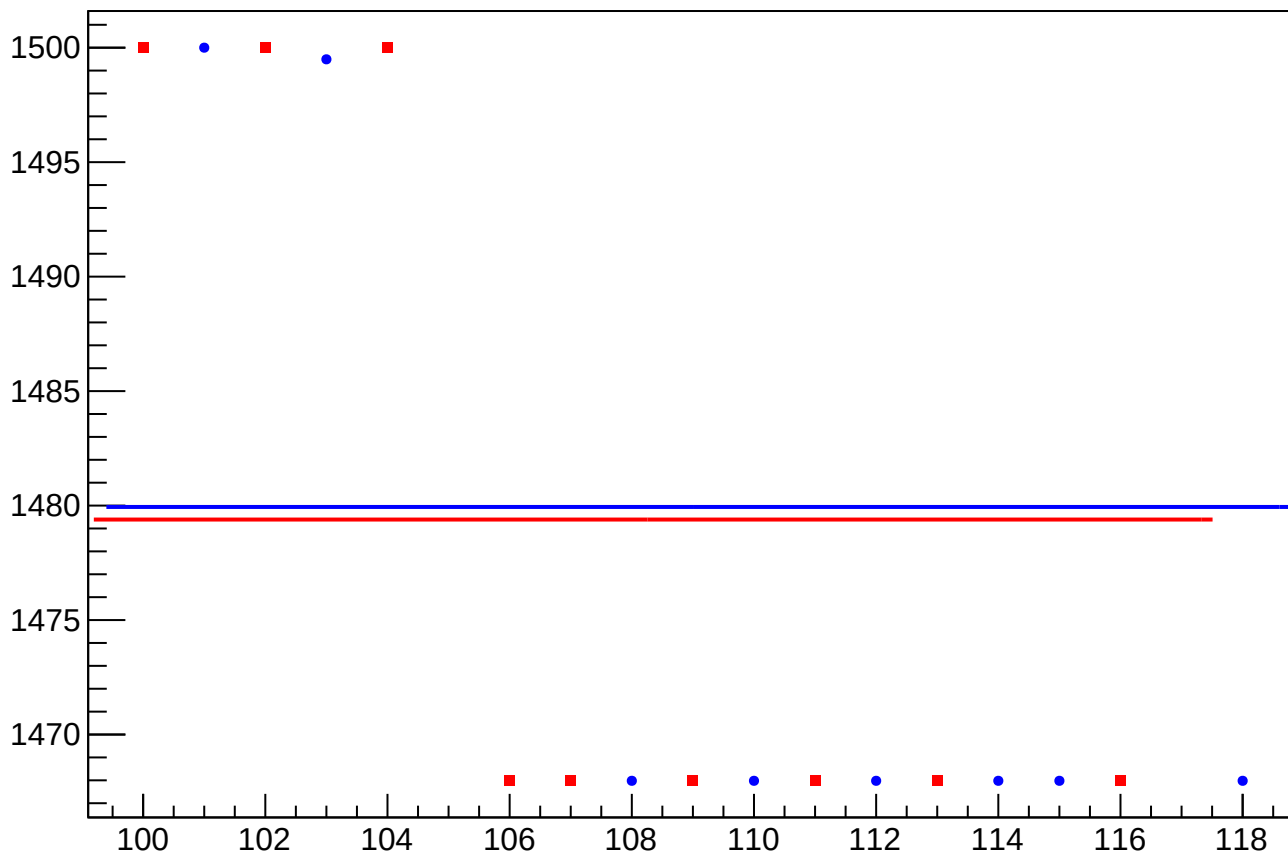
All: -28.459+/-0.000 χ^2/NDF : 169703936703

Right Out: -28.486+/-0.000 χ^2/NDF : 871619787845320913526505443688448.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

psub_pl_pos_mean vs Slug



Right In: 1479.940+/-0.000 χ^2/NDF : 80571188397180798840826236640428032.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

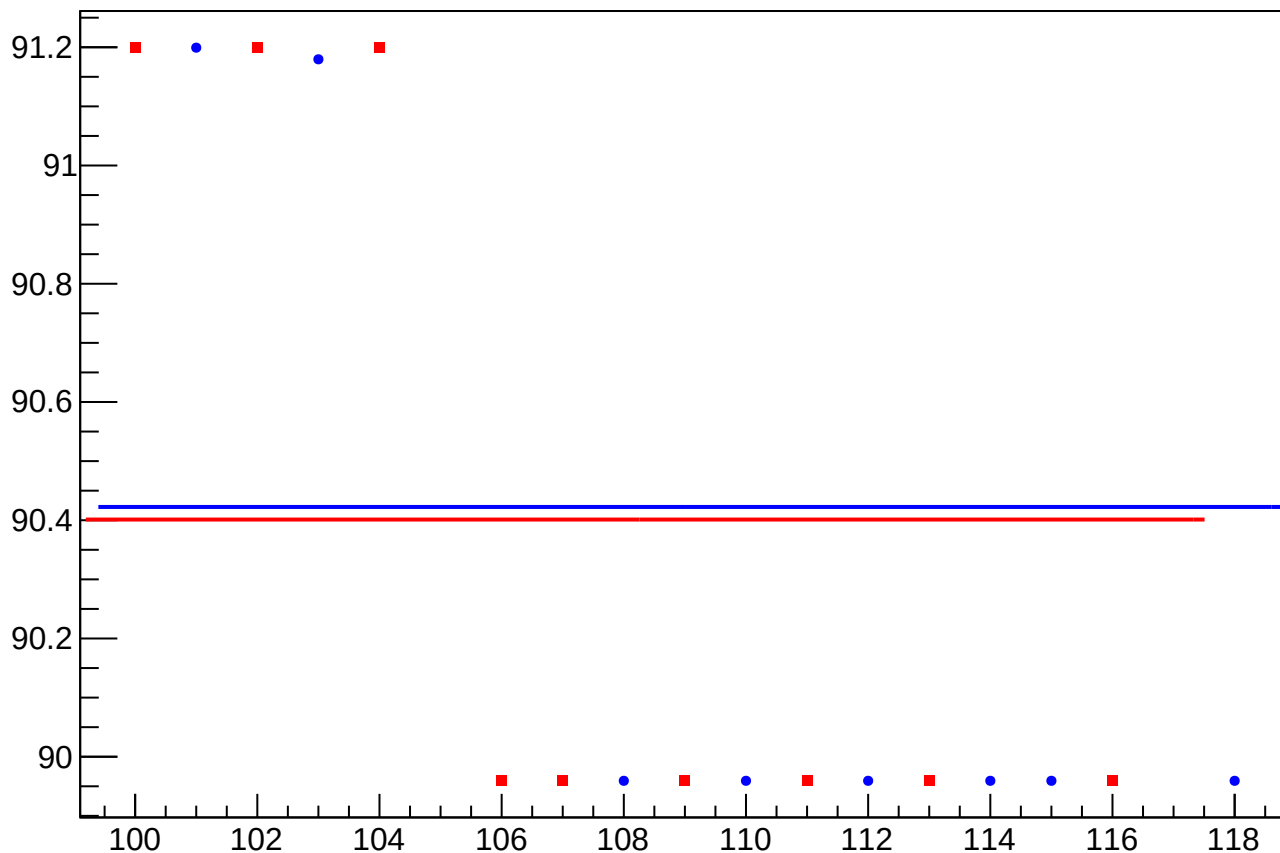
All: 1479.657+/-0.000 χ^2/NDF : 16576112953

Right Out: 1479.390+/-0.000 χ^2/NDF : 85136905698730674361342158444691456.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Phi_FG_mean vs Slug



Right In: 90.422+/-0.000 χ^2/NDF : 120820975760984863868806997475328.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

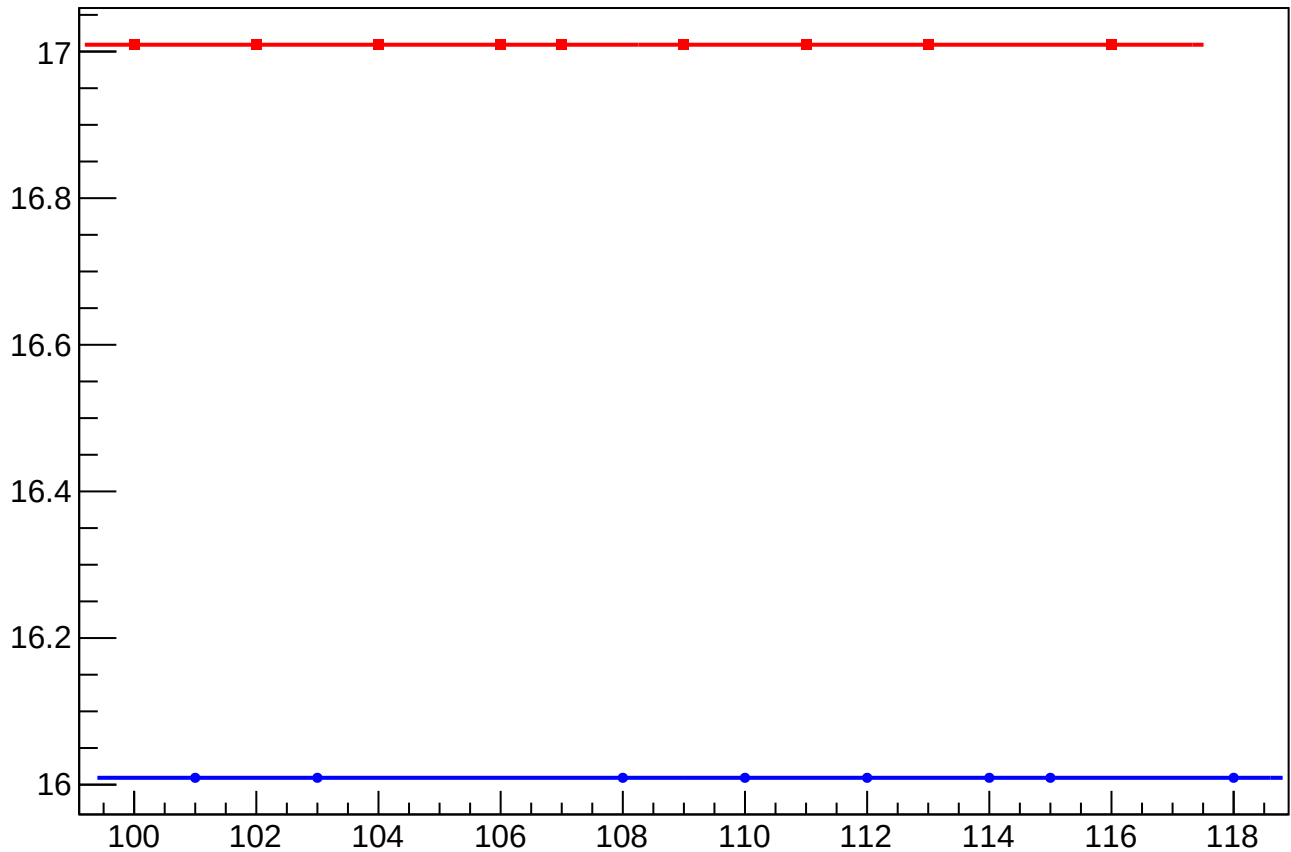
All: 90.411+/-0.000 χ^2/NDF : 2485680280016

Right Out: 90.401+/-0.000 χ^2/NDF : 127667522651945266462474540941312.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 25130.0/7

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

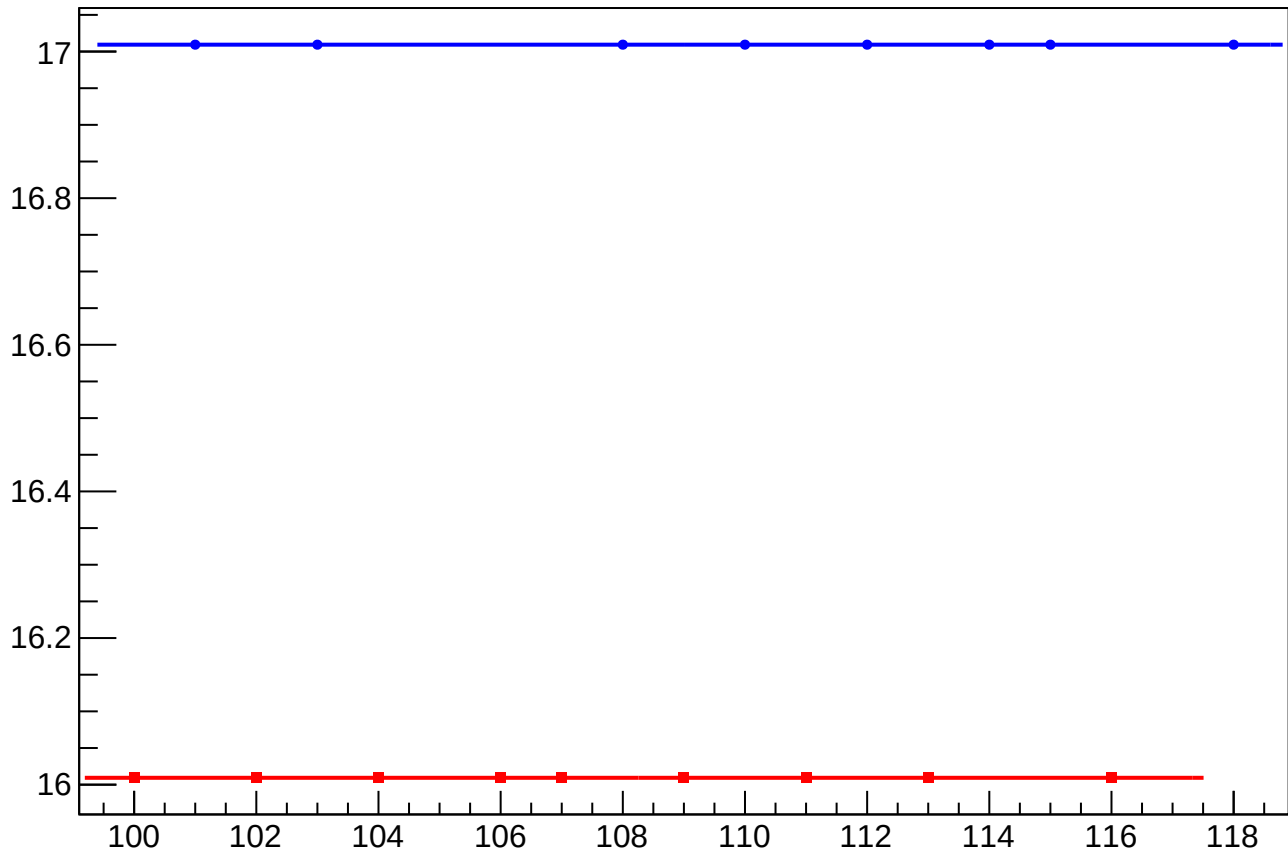
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 3249812534319022858043392.0/8

All: 16.490 $\pm$ 0.000 χ^2 /NDF: 1604859001331

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

IGL1I00OD16_16_mean vs Slug



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 : 26341.6/8

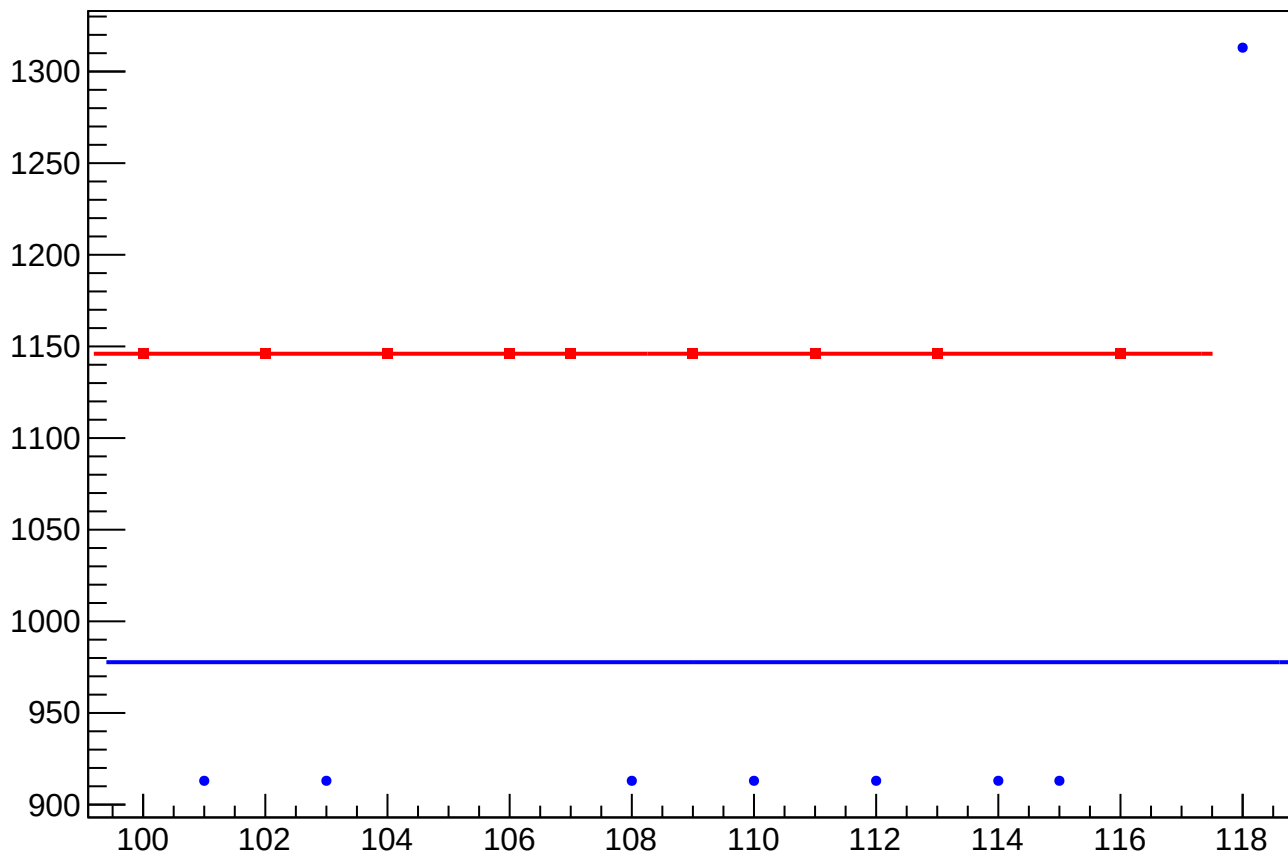
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.470+/-0.000 χ^2/NDF : 1649819277108

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPAPOSUCNT_mean vs Slug



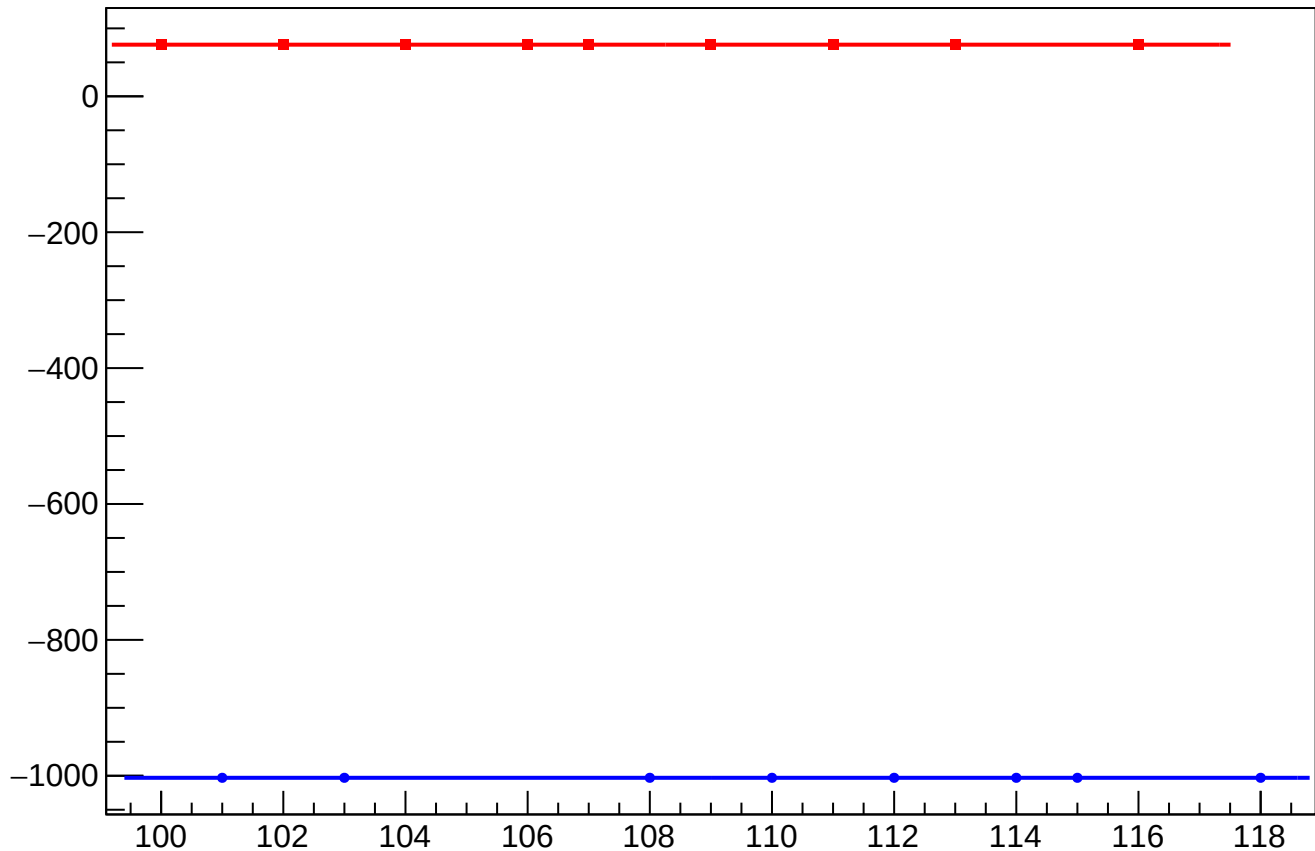
Right In: 977.702 $\pm$ 0.000 χ^2 /NDF: 7377044983300197364606753969073553408.0/7
+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1064.493 $\pm$ 0.000 χ^2 /NDF: 12343637814
Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 794849251727118988958760960.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSVCNT_mean vs Slug



Right In: -1002.989+/-0.000 χ^2/NDF : 1304094537084536853587034112.0/7

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

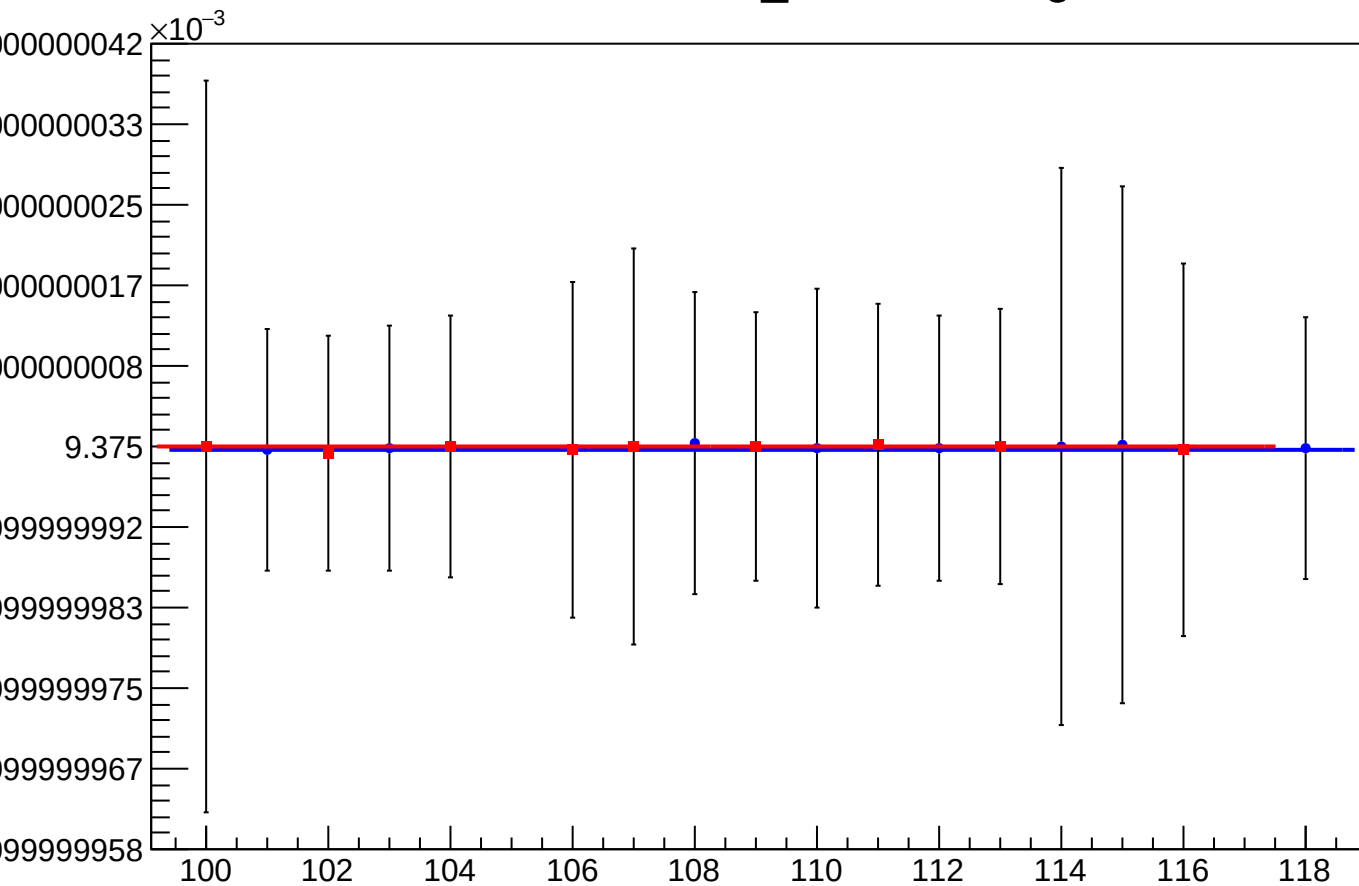
All: -446.583+/-0.000 χ^2/NDF : 20412318499

Right Out: 76.009+/-0.000 χ^2/NDF : 3477961262734019764682752.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPPITA1CNT_mean vs Slug



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 : 0.0/8

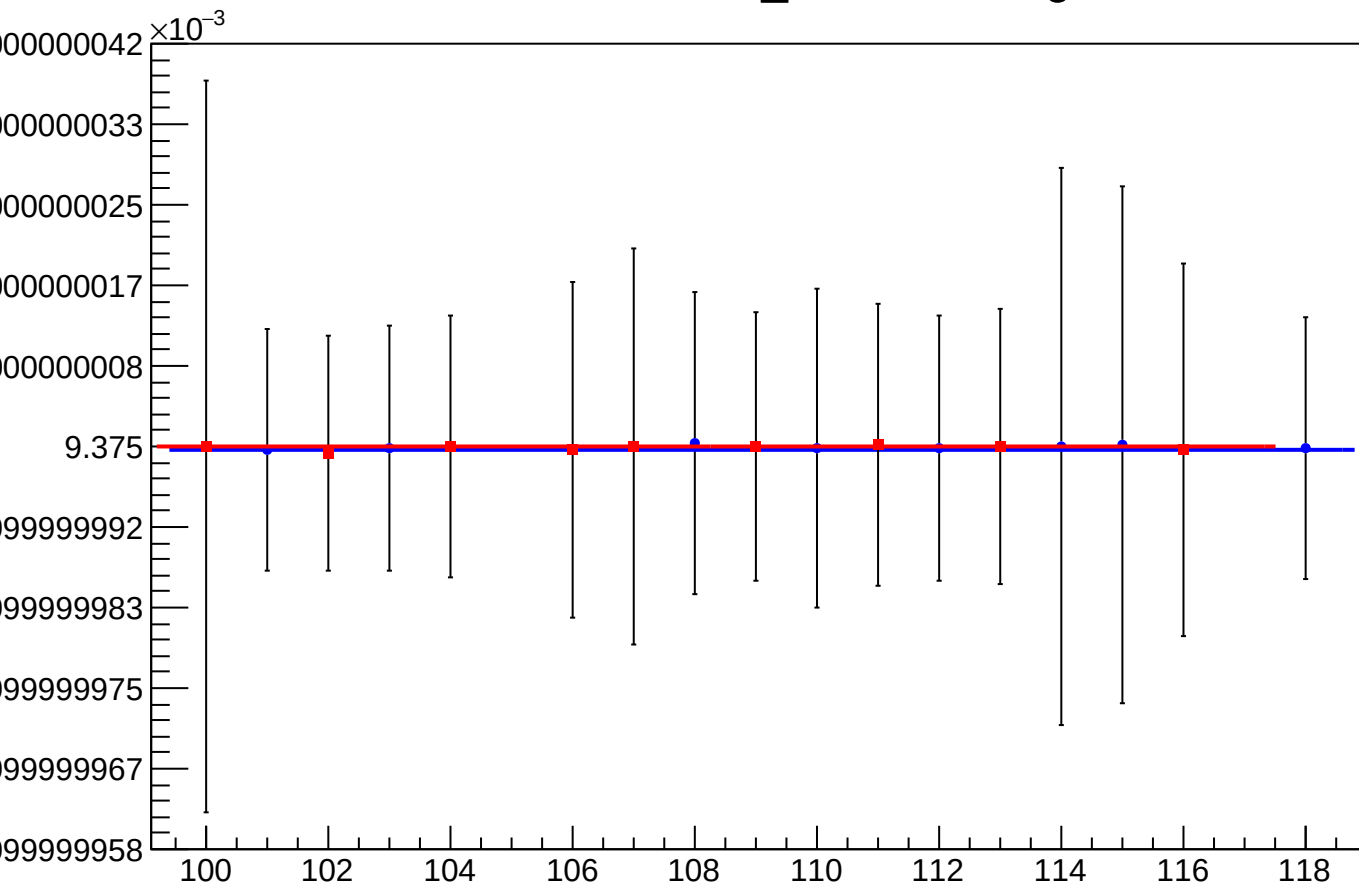
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPPITA2CNT_mean vs Slug



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 : 0.0/8

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/16

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0